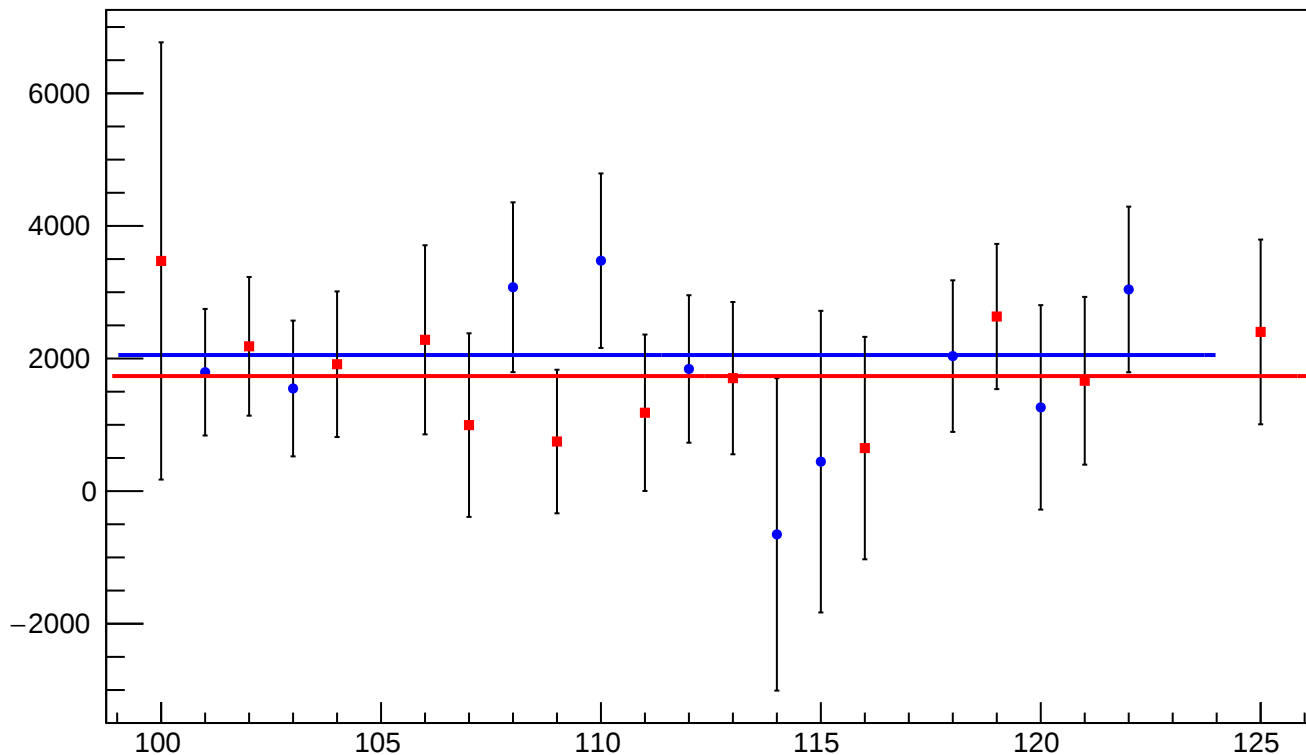


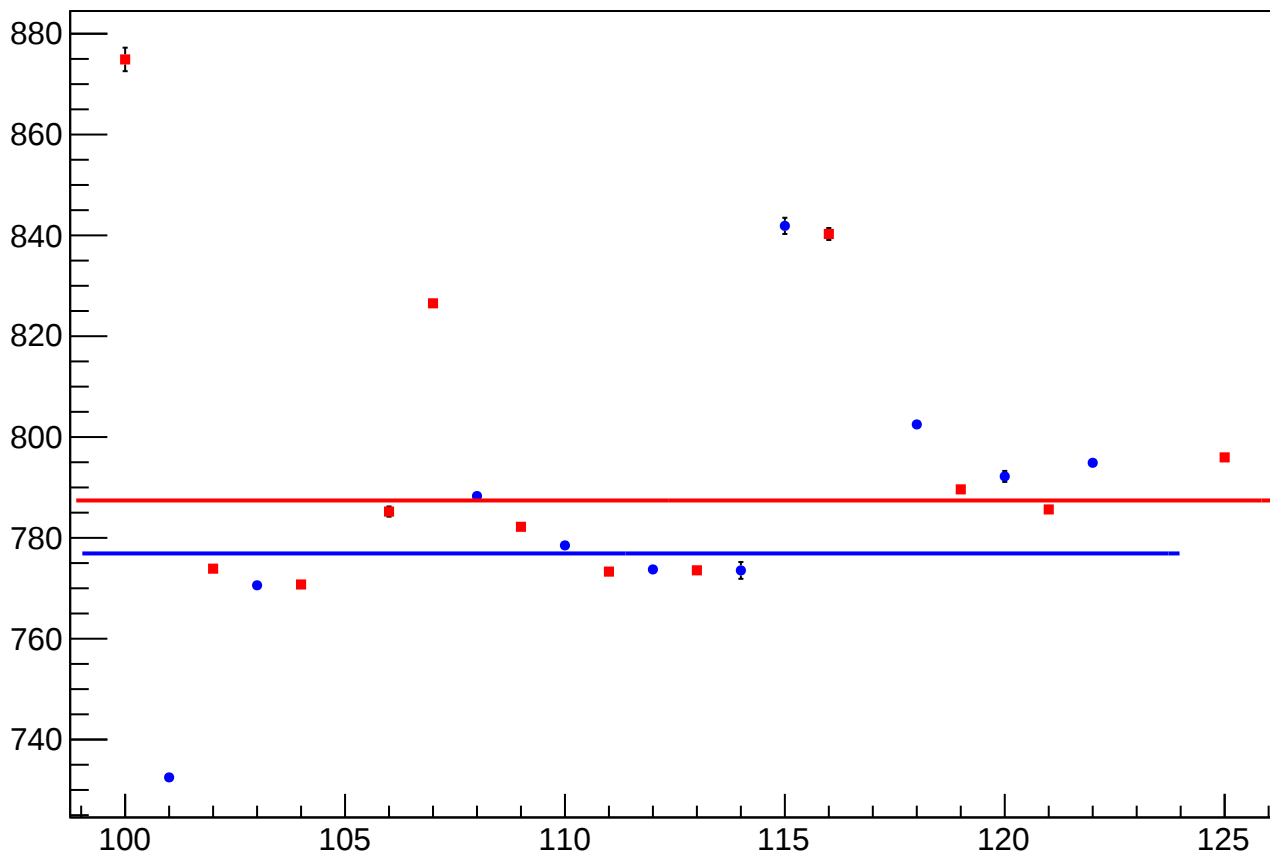
reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2052.686+/-400.125 χ^2/NDF : 4.9/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 1735.339+/-364.982 χ^2/NDF : 3.3/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 1879.467+/-269.651 χ^2/NDF : 8.5/21
 In: 2052.686+/-400.125 χ^2/NDF : 4.9/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1879.467+/-269.651 χ^2/NDF : 8.5/21

reg_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 776.912 $\pm$ 0.283 χ^2 /NDF: 7832.8/9

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

Right Out: 787.418 $\pm$ 0.258 χ^2 /NDF: 6498.9/11

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

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

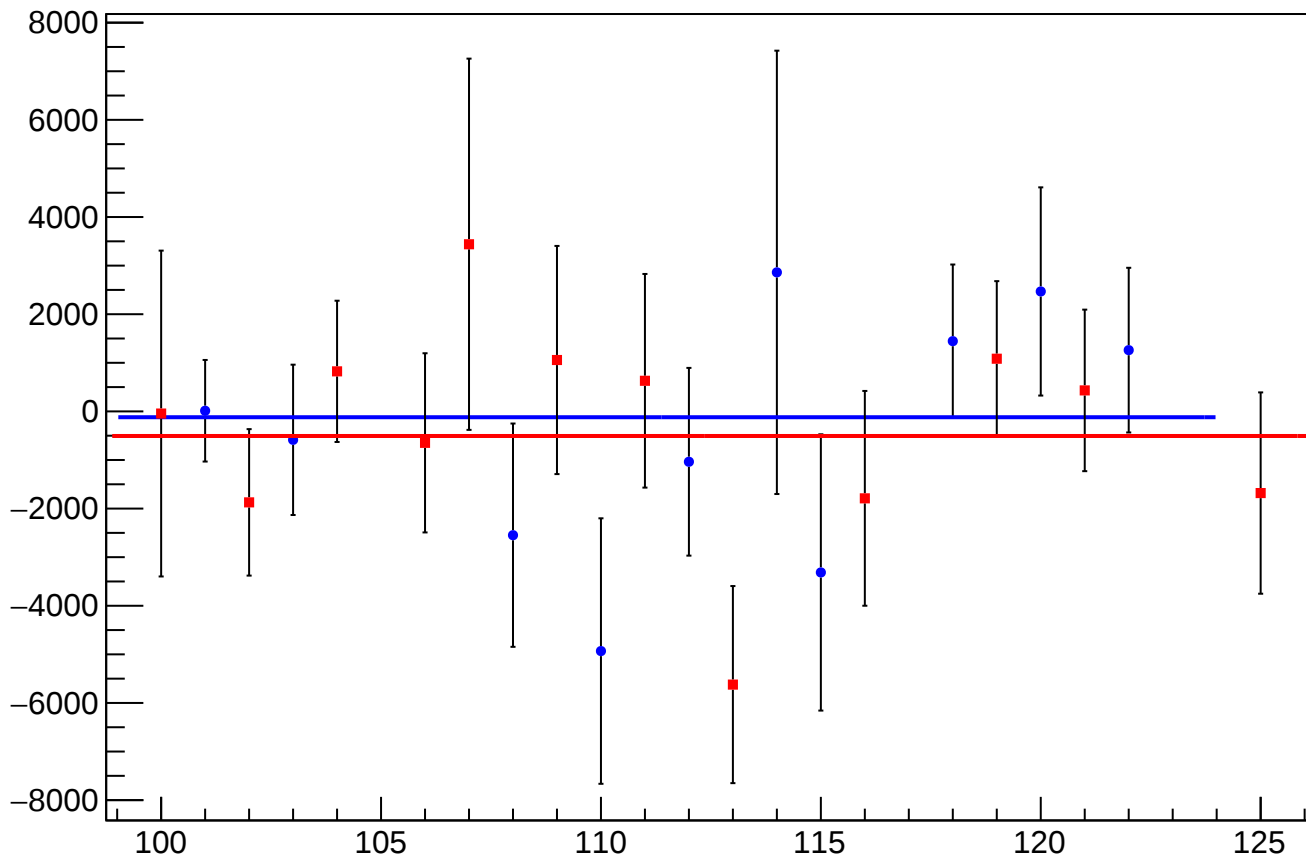
Right: 782.647 $\pm$ 0.191 χ^2 /NDF: 15084.4/21

In: 776.912 $\pm$ 0.283 χ^2 /NDF:7832.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 782.647 $\pm$ 0.191 χ^2 /NDF: 15084.4/21

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -120.020 ± 571.207 $\chi^2/\text{NDF}: 9.4/9$

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

Right Out: -506.087 ± 560.008 $\chi^2/\text{NDF}: 11.8/11$

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

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

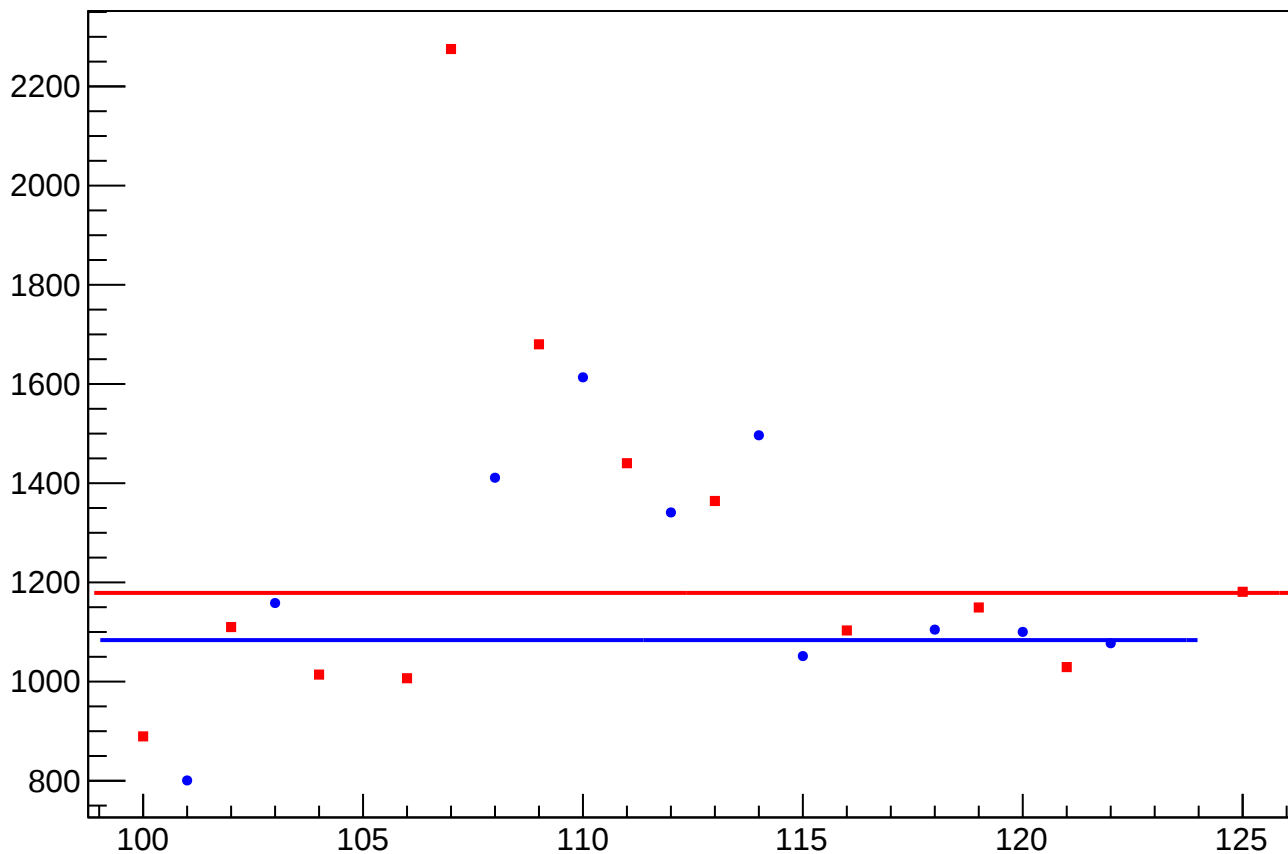
Right: -316.875 ± 399.886 $\chi^2/\text{NDF}: 21.4/21$

In: -120.020 ± 571.207 $\chi^2/\text{NDF}: 9.4/9$

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

All: -316.875 ± 399.886 $\chi^2/\text{NDF}: 21.4/21$

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1083.646+/-0.404 χ^2/NDF : 319714.9/9

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

Right Out: 1178.810+/-0.396 χ^2/NDF : 382360.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

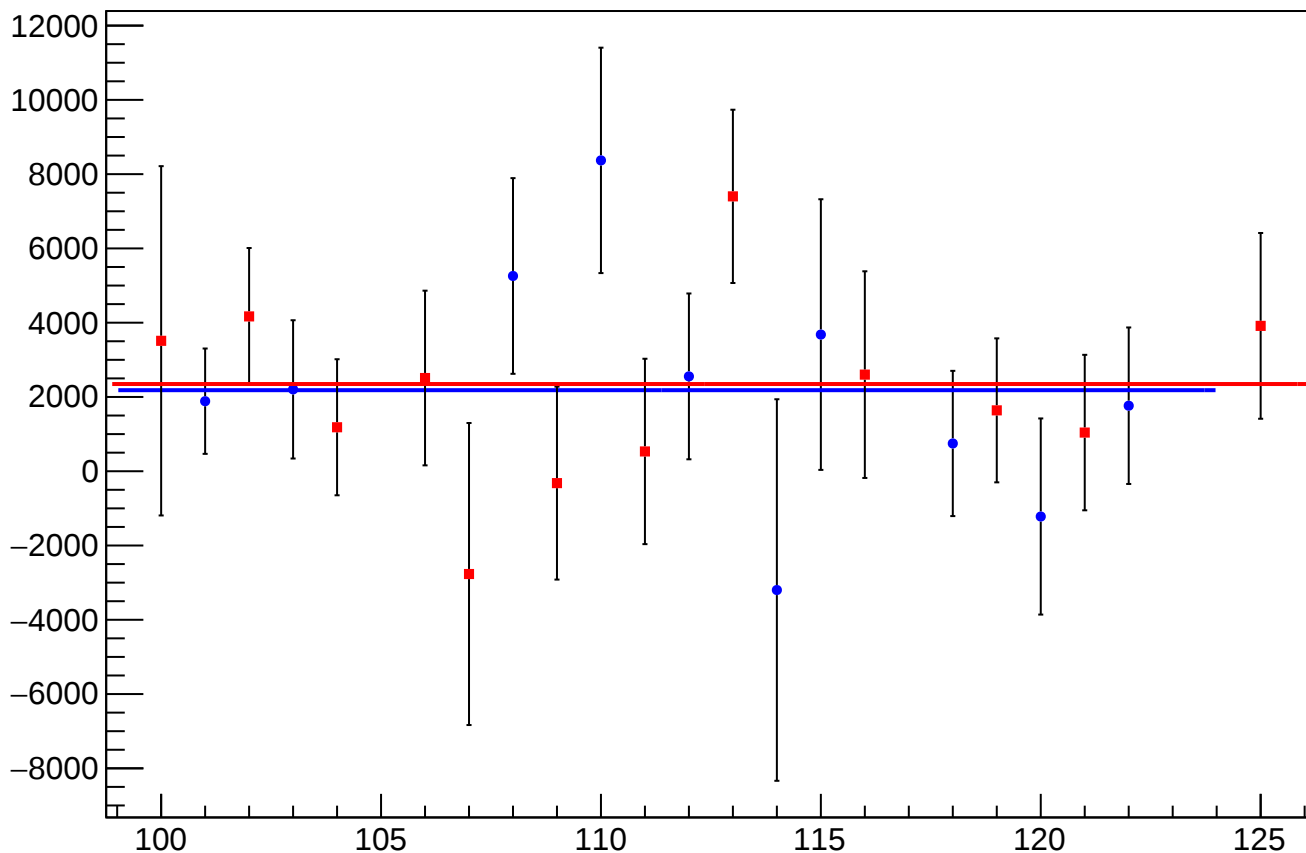
Right: 1132.170+/-0.283 χ^2/NDF : 730380.0/21

In: 1083.646+/-0.404 χ^2/NDF : 319714.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1132.170+/-0.283 χ^2/NDF : 730380.0/21

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2182.596+/-710.275 χ^2/NDF : 9.1/9

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

Right Out: 2348.380+/-681.207 χ^2/NDF : 10.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

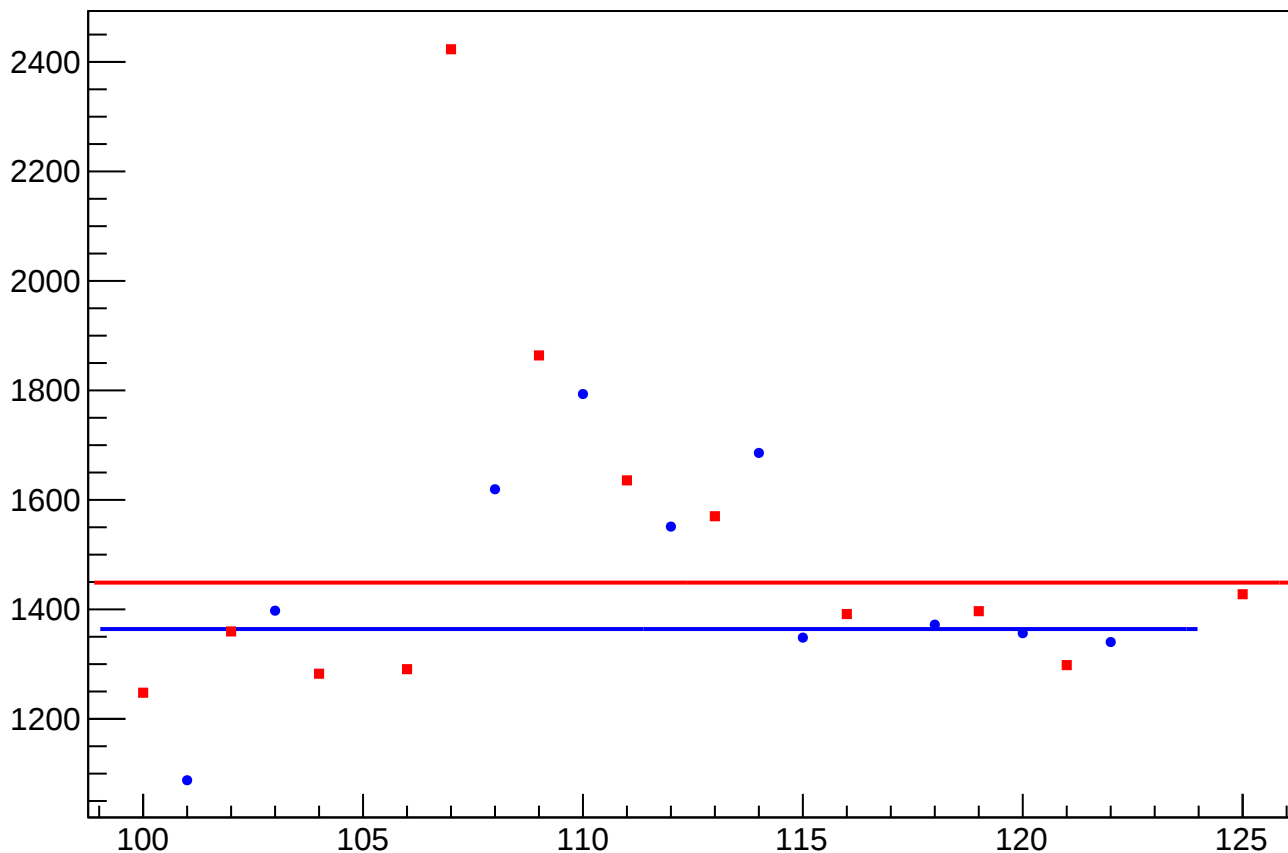
Right: 2268.950+/-491.641 χ^2/NDF : 19.4/21

In: 2182.596+/-710.275 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2268.950+/-491.641 χ^2/NDF : 19.4/21

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1364.084 $\pm$ 0.502 χ^2/NDF : 157527.3/9

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

Right Out: 1448.926 $\pm$ 0.482 χ^2/NDF : 229161.9/11

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

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

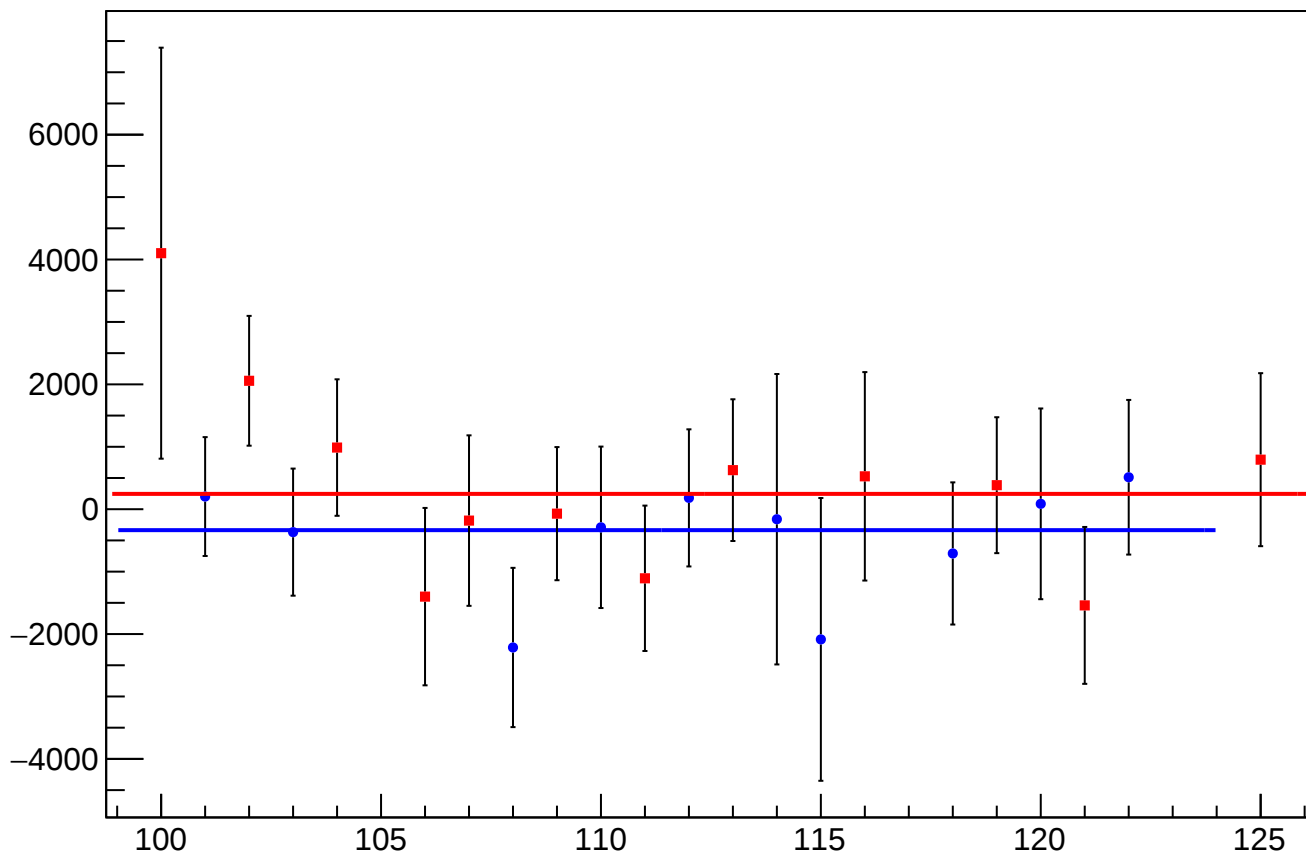
Right: 1408.277 $\pm$ 0.348 χ^2/NDF : 401553.2/21

In: 1364.084 $\pm$ 0.502 χ^2/NDF : 157527.3/9

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

All: 1408.277 $\pm$ 0.348 χ^2/NDF : 401553.2/21

reg_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -335.479+/-397.142 χ^2/NDF : 4.0/9

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

Right Out: 245.493+/-361.916 χ^2/NDF : 10.1/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

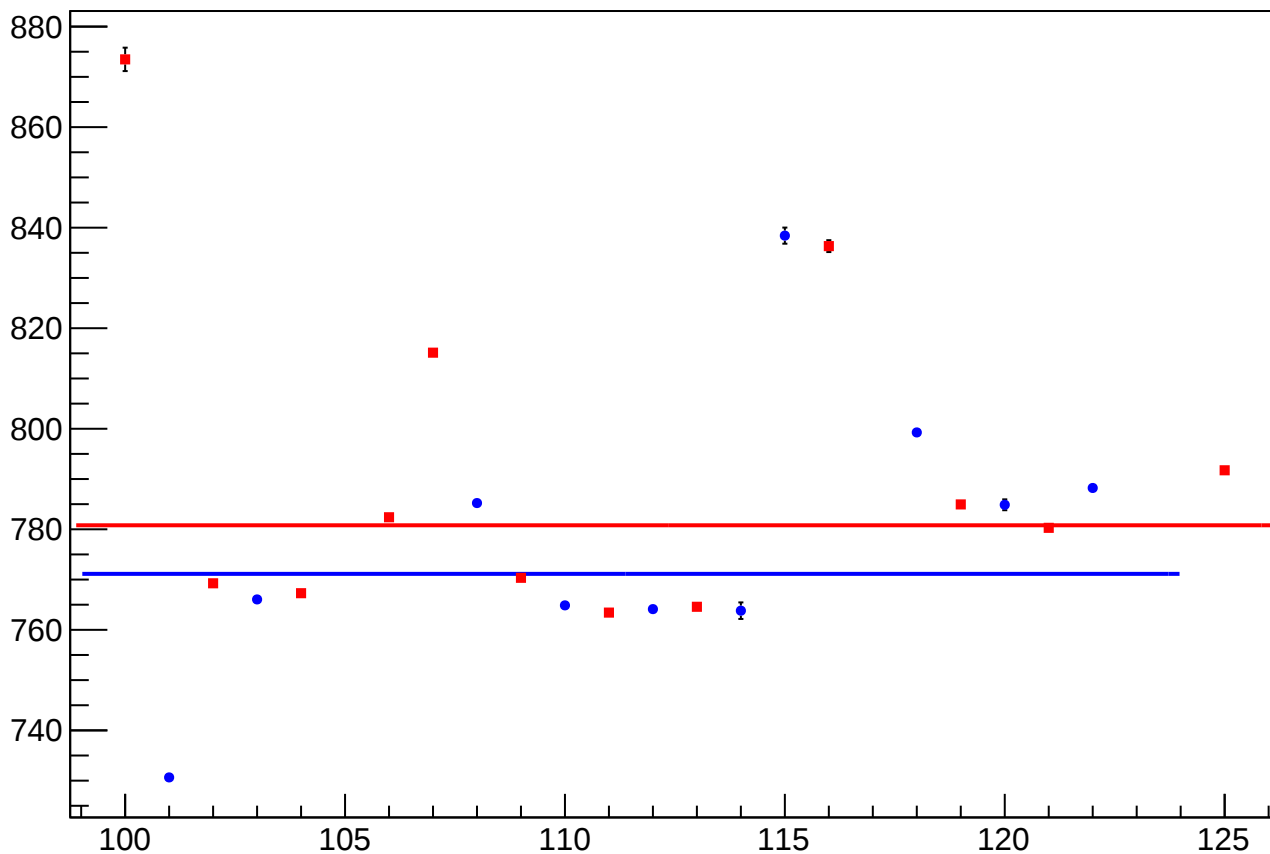
Right: -18.090+/-267.502 χ^2/NDF : 15.2/21

In: -335.479+/-397.142 χ^2/NDF : 4.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.090+/-267.502 χ^2/NDF : 15.2/21

reg_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 771.136+/-0.281 χ^2/NDF : 7586.6/9

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

Right Out: 780.799+/-0.256 χ^2/NDF : 6815.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

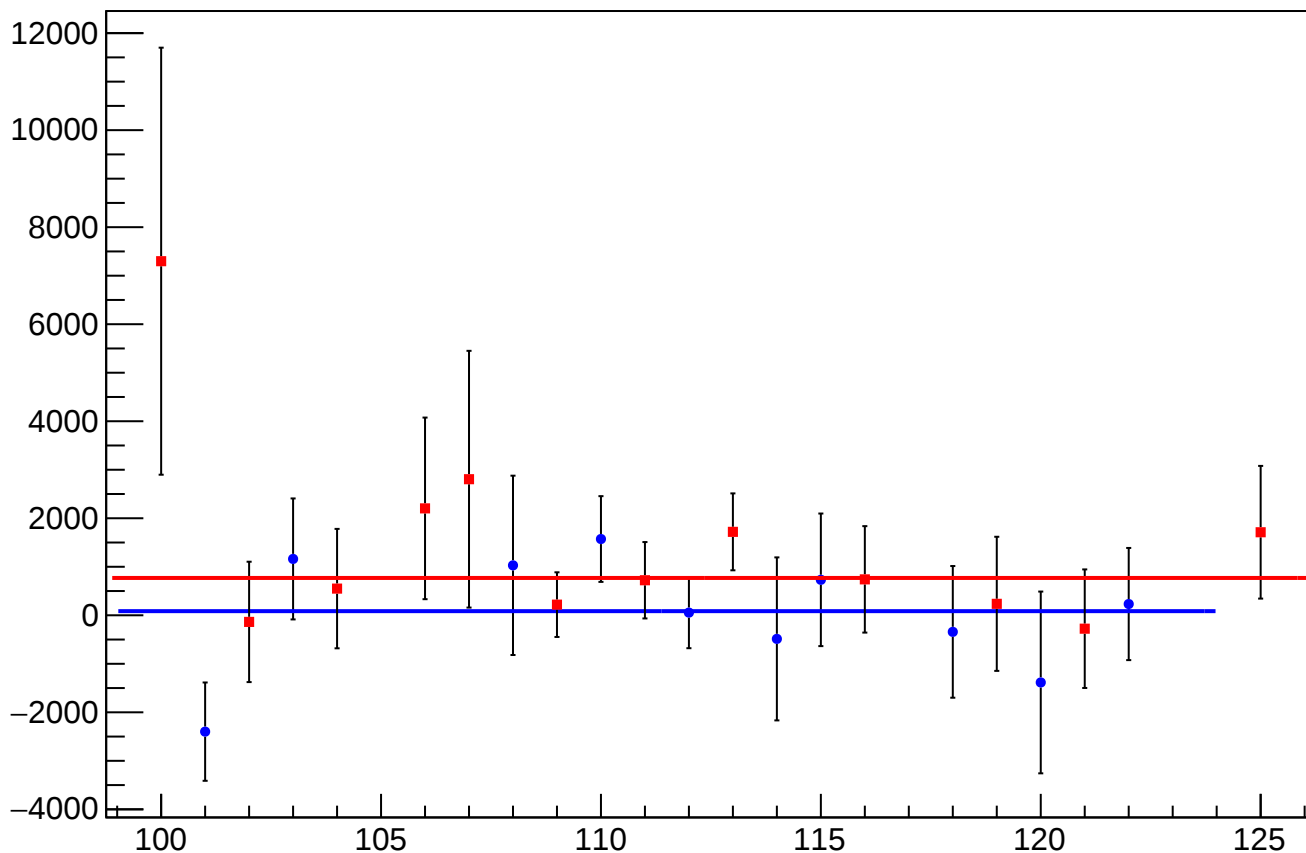
Right: 776.415+/-0.189 χ^2/NDF : 15048.6/21

In: 771.136+/-0.281 χ^2/NDF : 7586.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 776.415+/-0.189 χ^2/NDF : 15048.6/21

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: 85.244+/-364.781 χ^2/NDF : 10.9/9

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

Right Out: 769.606+/-319.351 χ^2/NDF : 7.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

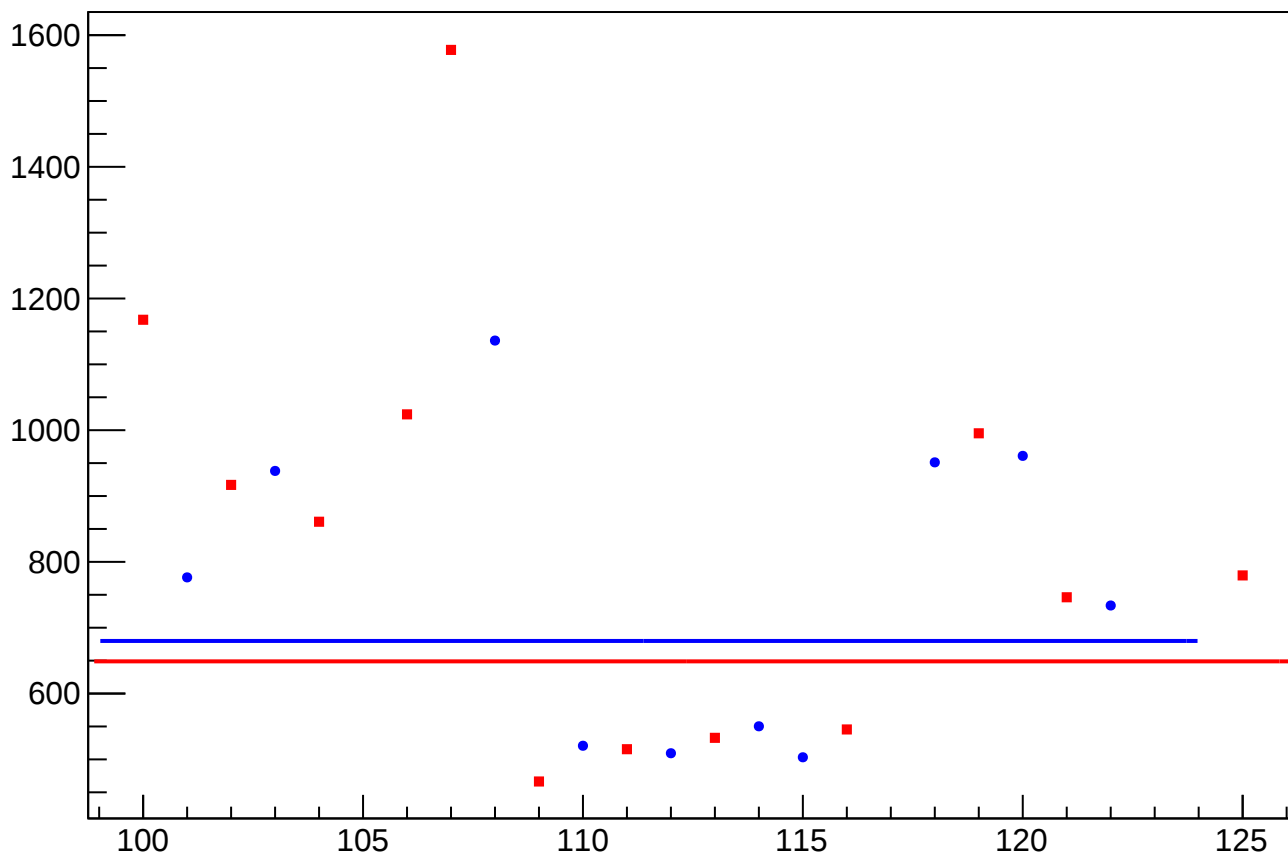
Right: 472.671+/-240.282 χ^2/NDF : 20.3/21

In: 85.244+/-364.781 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 472.671+/-240.282 χ^2/NDF : 20.3/21

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 679.888+/-0.258 χ^2/NDF : 573438.4/9

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

Right Out: 648.892+/-0.226 χ^2/NDF : 931804.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

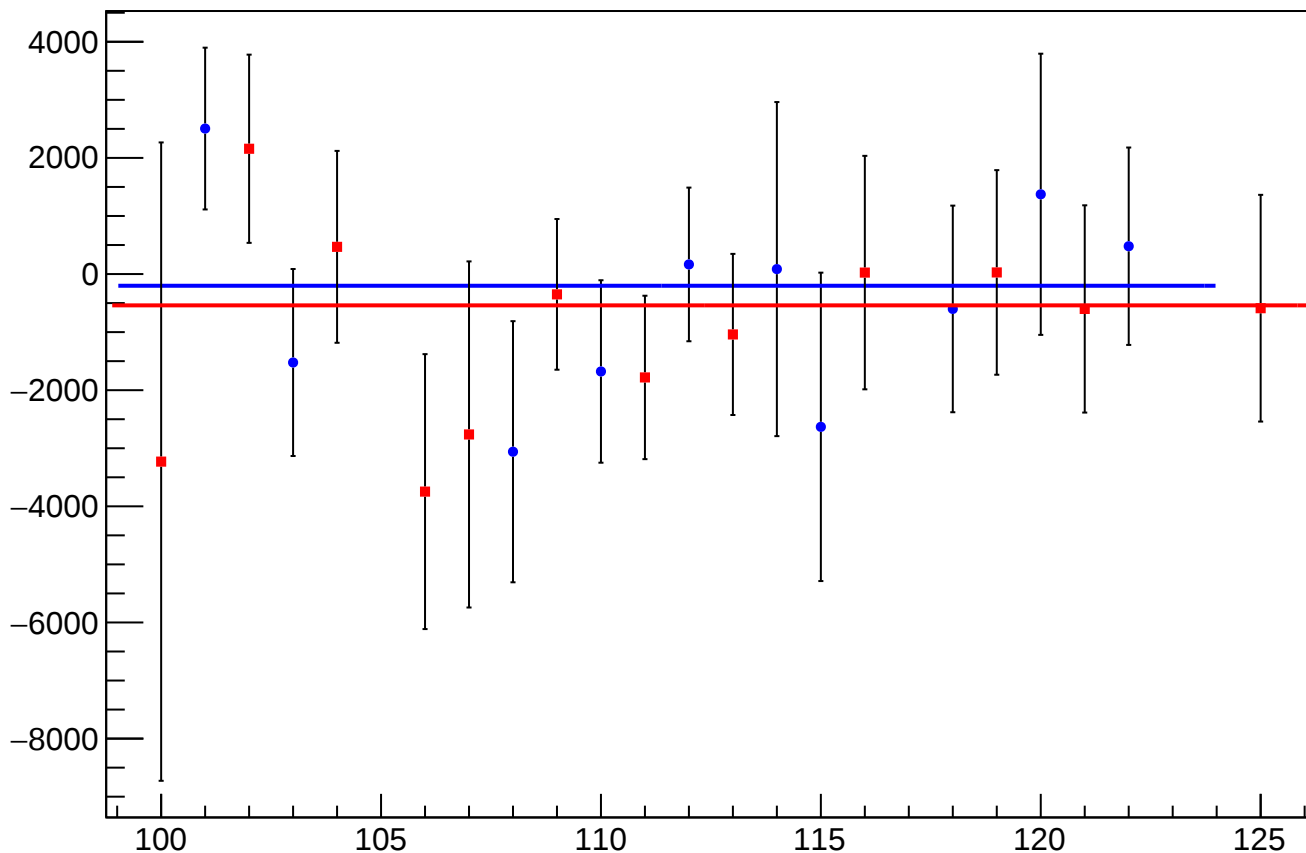
Right: 662.341+/-0.170 χ^2/NDF : 1513418.2/21

In: 679.888+/-0.258 χ^2/NDF : 573438.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 662.341+/-0.170 χ^2/NDF : 1513418.2/21

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -201.566+/-561.597 χ^2/NDF : 8.5/9

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

Right Out: -539.288+/-510.575 χ^2/NDF : 6.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

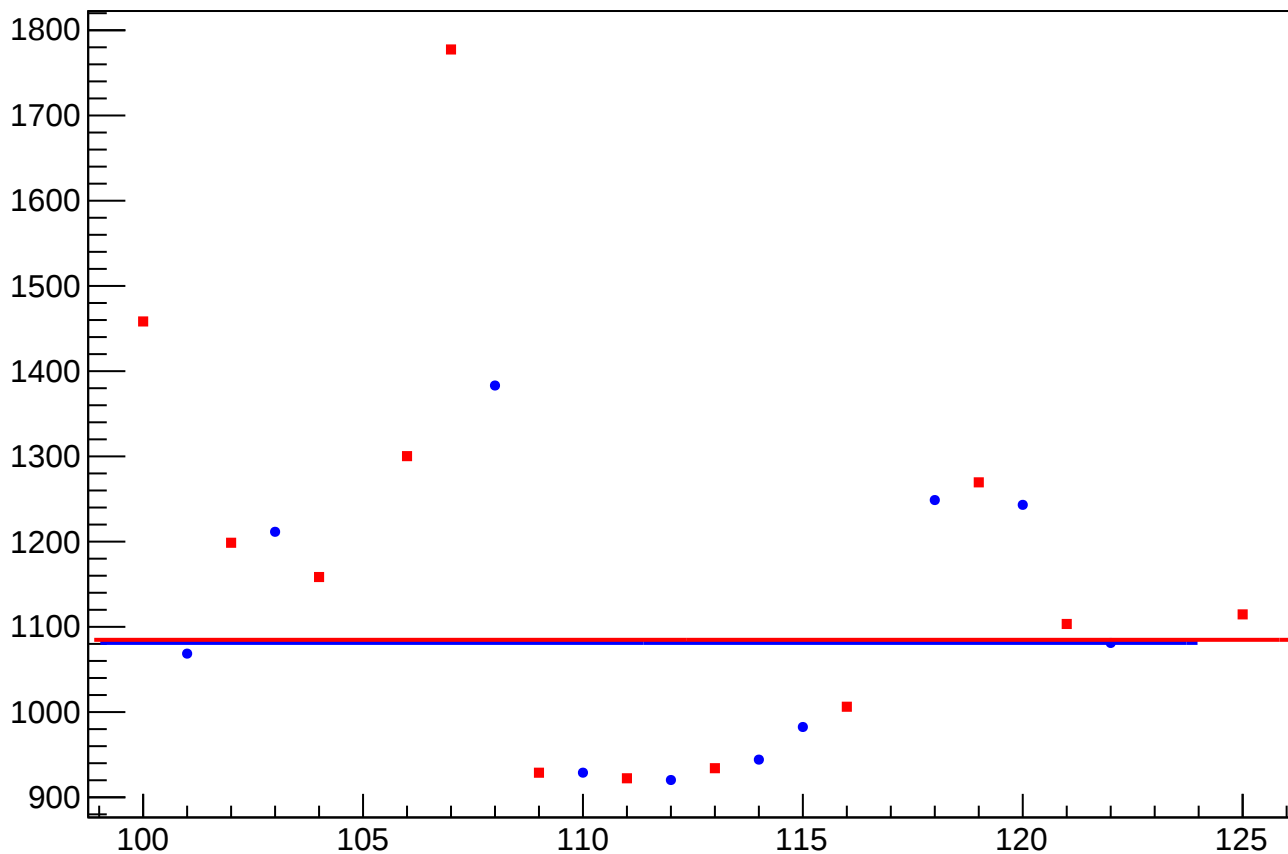
Right: -386.462+/-377.784 χ^2/NDF : 15.6/21

In: -201.566+/-561.597 χ^2/NDF : 8.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -386.462+/-377.784 χ^2/NDF : 15.6/21

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1081.161+/-0.397 χ^2/NDF : 131703.6/9

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

Right Out: 1084.780+/-0.361 χ^2/NDF : 252594.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

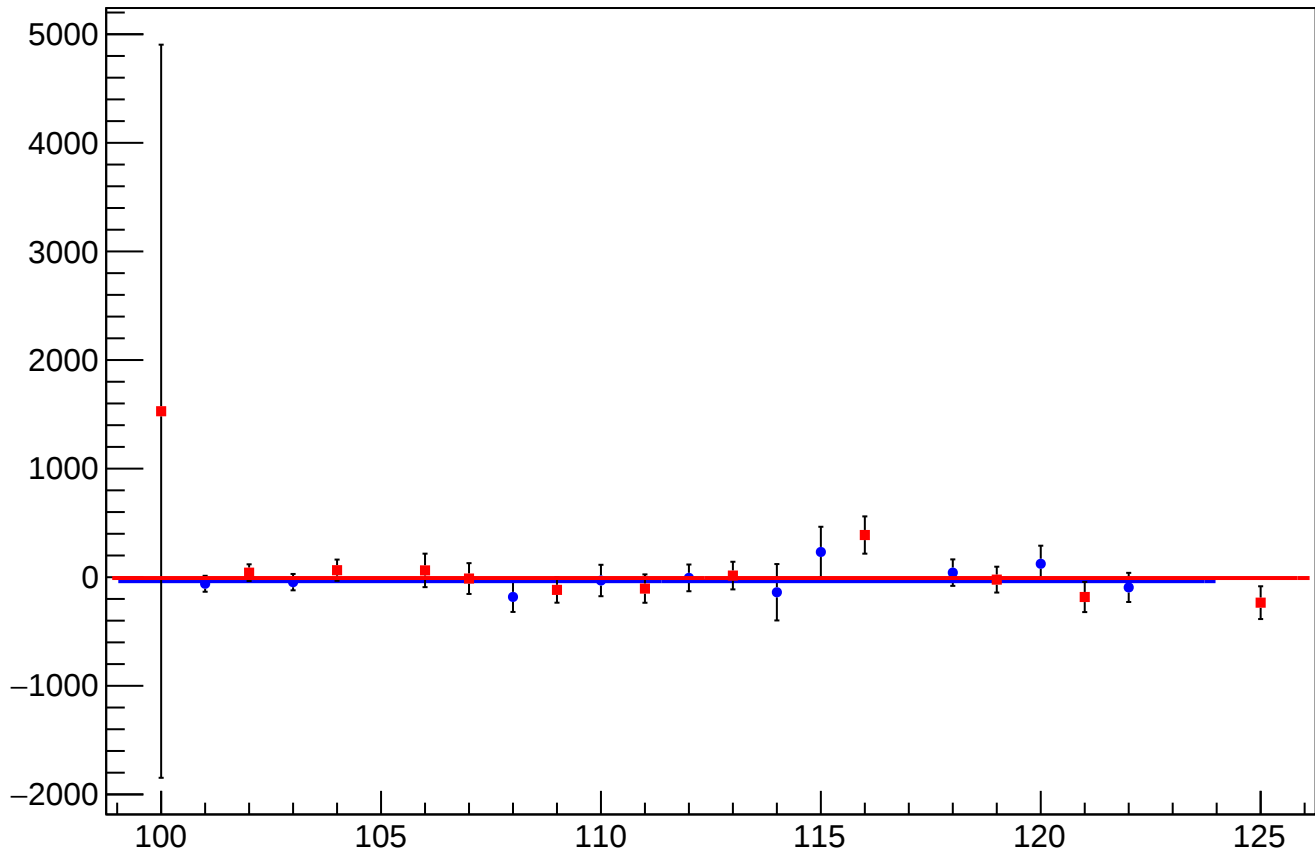
Right: 1083.142+/-0.267 χ^2/NDF : 384343.7/21

In: 1081.161+/-0.397 χ^2/NDF : 131703.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1083.142+/-0.267 χ^2/NDF : 384343.7/21

reg_asym_ds_avg_mean vs Slug, Sign Corrected



Right In: -36.389+/-37.273 χ^2/NDF : 4.3/9

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

Right Out: -7.502+/-36.337 χ^2/NDF : 12.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

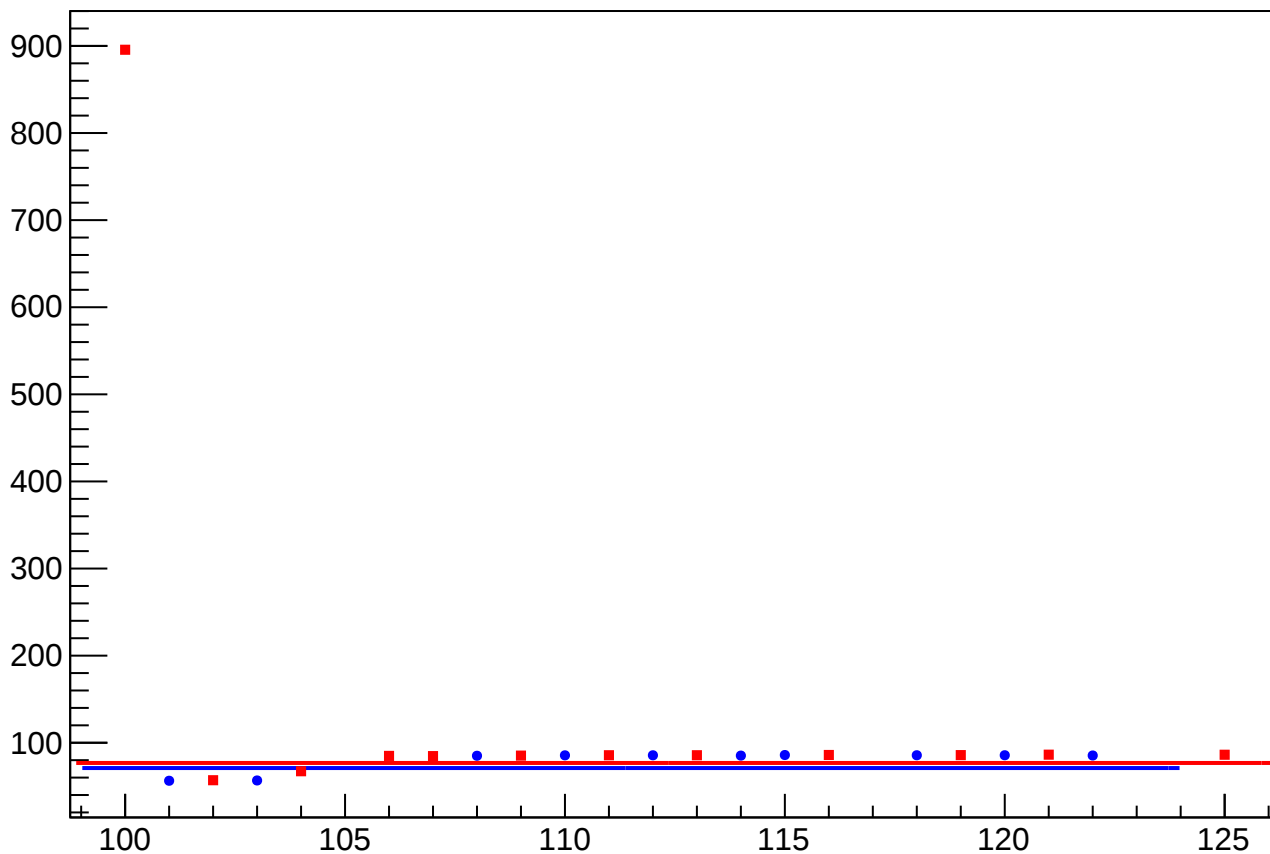
Right: -21.578+/-26.019 χ^2/NDF : 16.6/21

In: -36.389+/-37.273 χ^2/NDF : 4.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.578+/-26.019 χ^2/NDF : 16.6/21

reg_asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 70.957+/-0.026 χ^2/NDF : 301919.6/9

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

Right Out: 76.797+/-0.026 χ^2/NDF : 344223.3/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

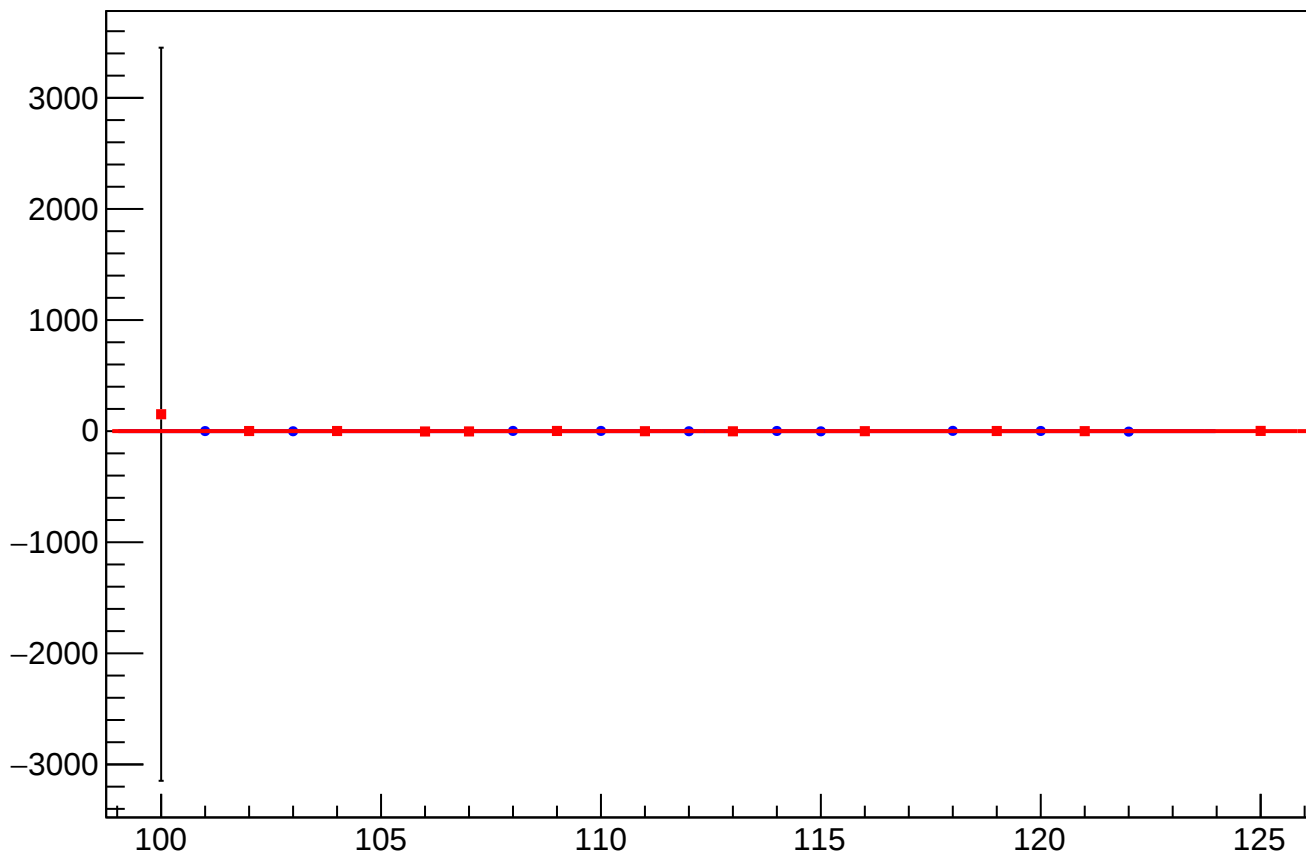
Right: 73.951+/-0.018 χ^2/NDF : 671313.2/21

In: 70.957+/-0.026 χ^2/NDF : 301919.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.951+/-0.018 χ^2/NDF : 671313.2/21

asym_ds_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.334+/-0.614 χ^2/NDF : 7.9/9

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

Right Out: 0.279+/-0.633 χ^2/NDF : 5.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

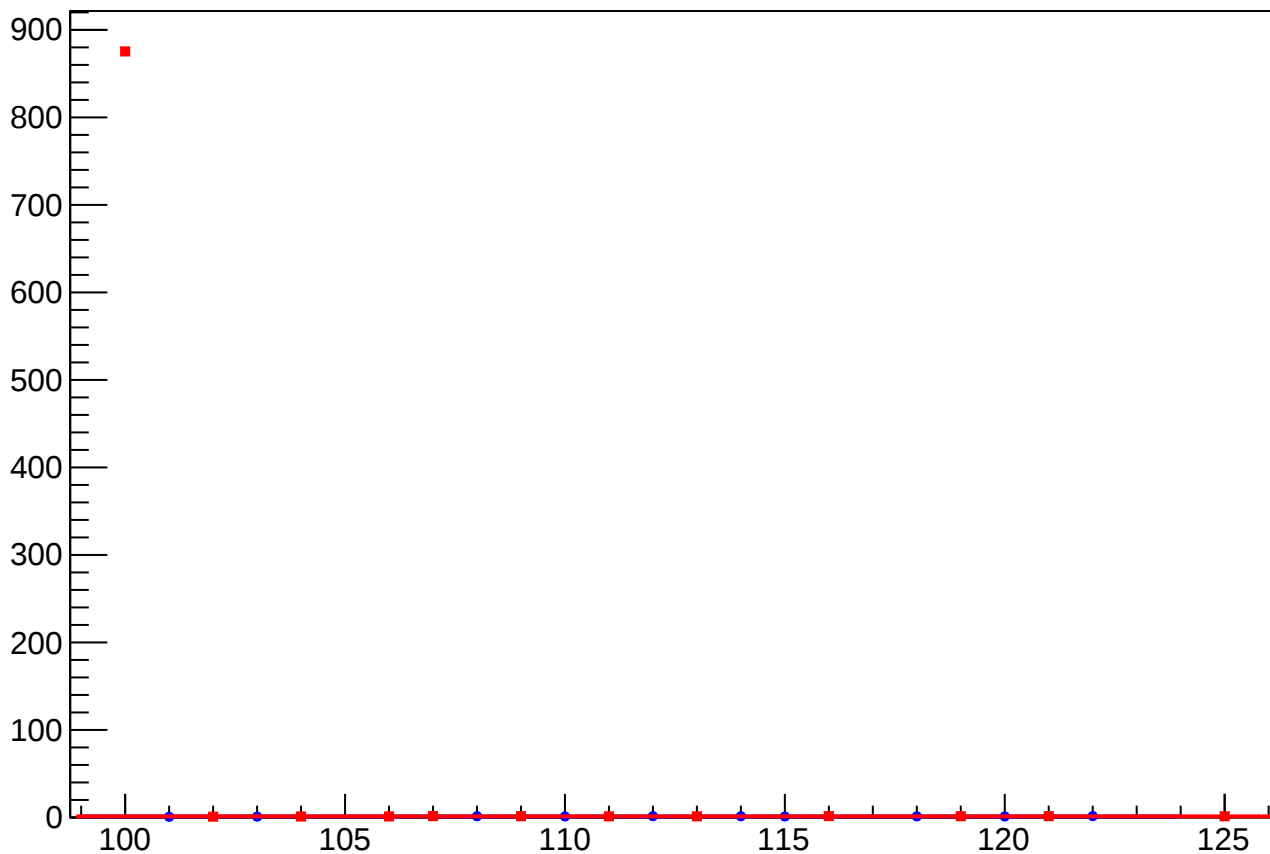
Right: 0.307+/-0.441 χ^2/NDF : 13.5/21

In: 0.334+/-0.614 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.307+/-0.441 χ^2/NDF : 13.5/21

asym_ds_avg_correction_rms vs Slug, Sign Corrected



Right In: 1.067+/-0.000 χ^2/NDF : 345036.2/9

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

Right Out: 1.231+/-0.000 χ^2/NDF : 410812.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

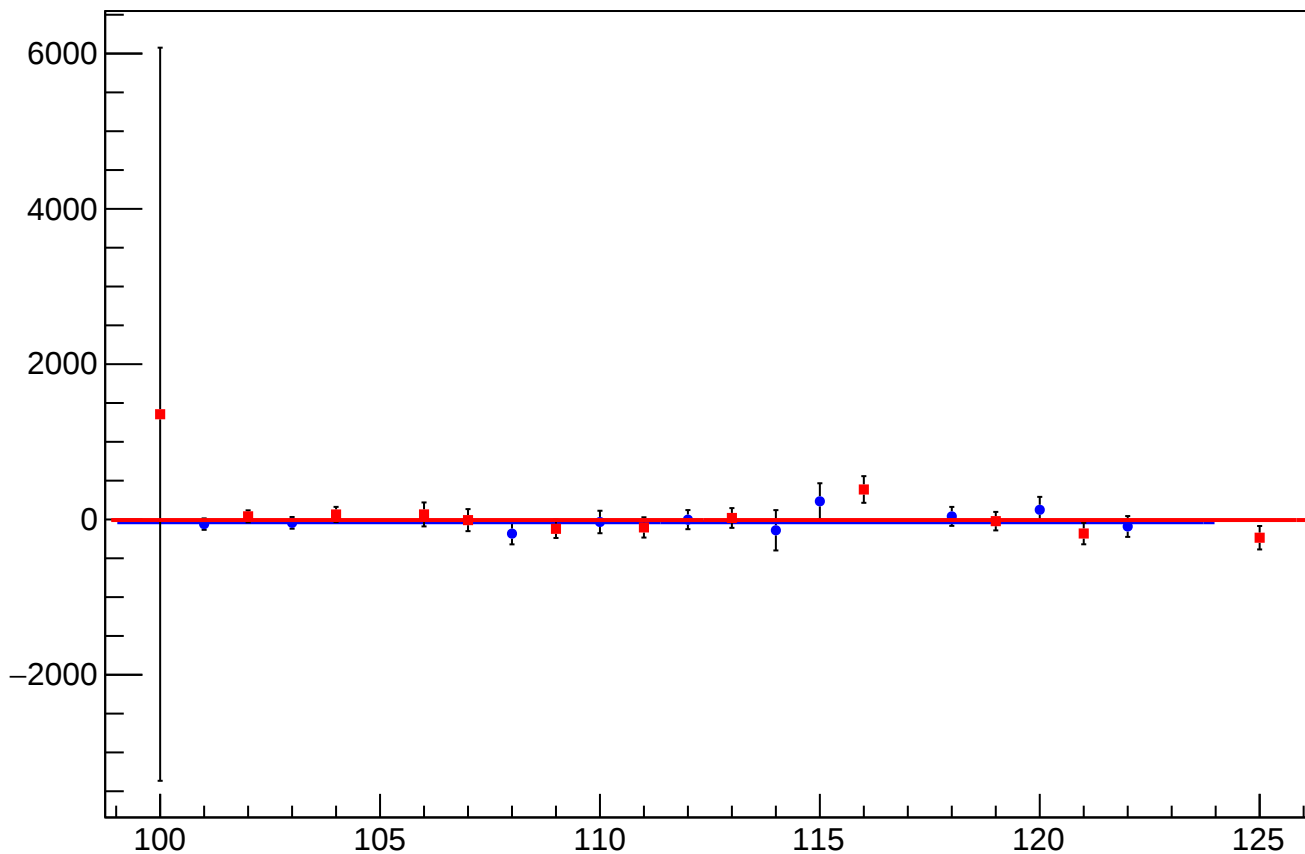
Right: 1.147+/-0.000 χ^2/NDF : 825210.2/21

In: 1.067+/-0.000 χ^2/NDF : 345036.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.147+/-0.000 χ^2/NDF : 825210.2/21

asym_ds_avg_mean vs Slug, Sign Corrected



Right In: -35.450+/-37.283 χ^2/NDF : 4.3/9

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

Right Out: -7.379+/-36.348 χ^2/NDF : 11.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

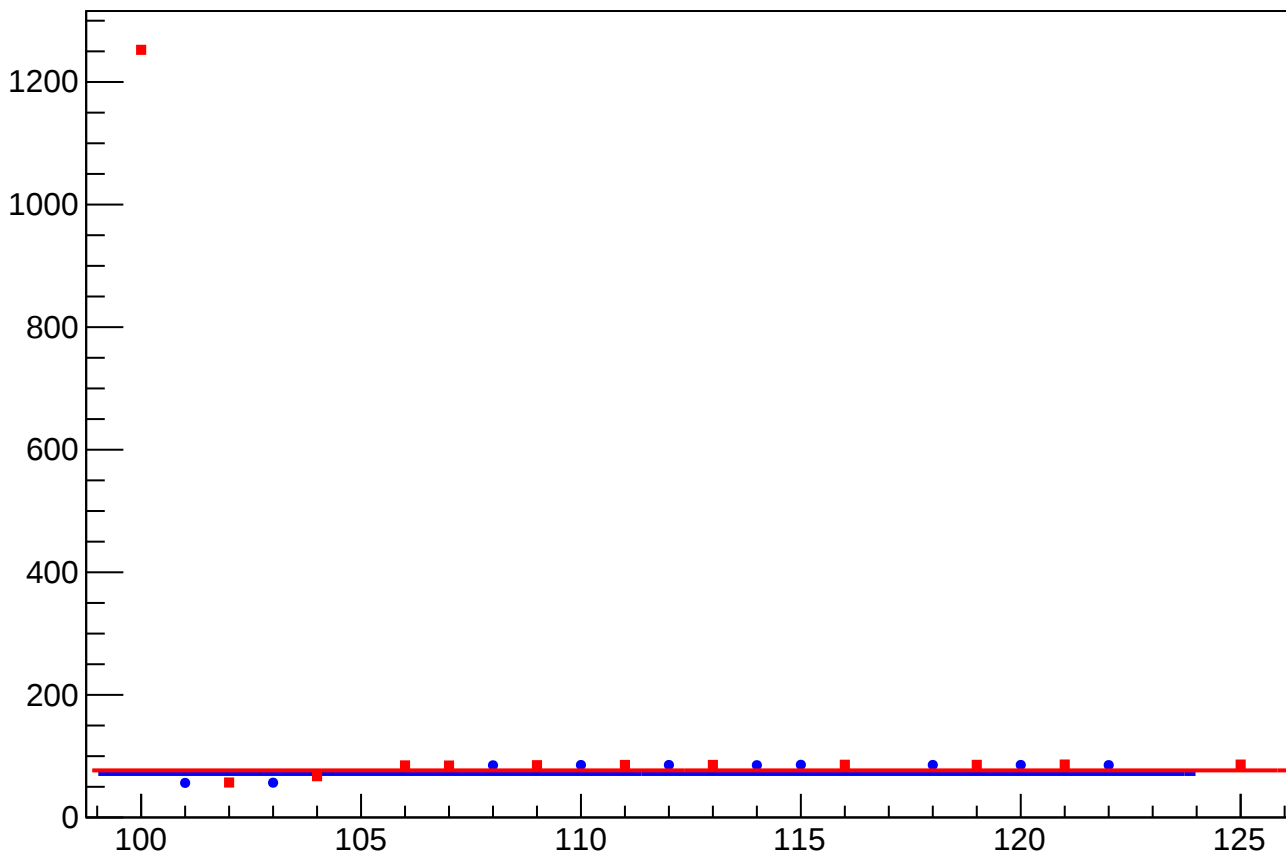
Right: -21.059+/-26.026 χ^2/NDF : 16.4/21

In: -35.450+/-37.283 χ^2/NDF : 4.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.059+/-26.026 χ^2/NDF : 16.4/21

asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 70.975+/-0.026 χ^2/NDF : 301917.8/9

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

Right Out: 76.792+/-0.026 χ^2/NDF : 350561.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

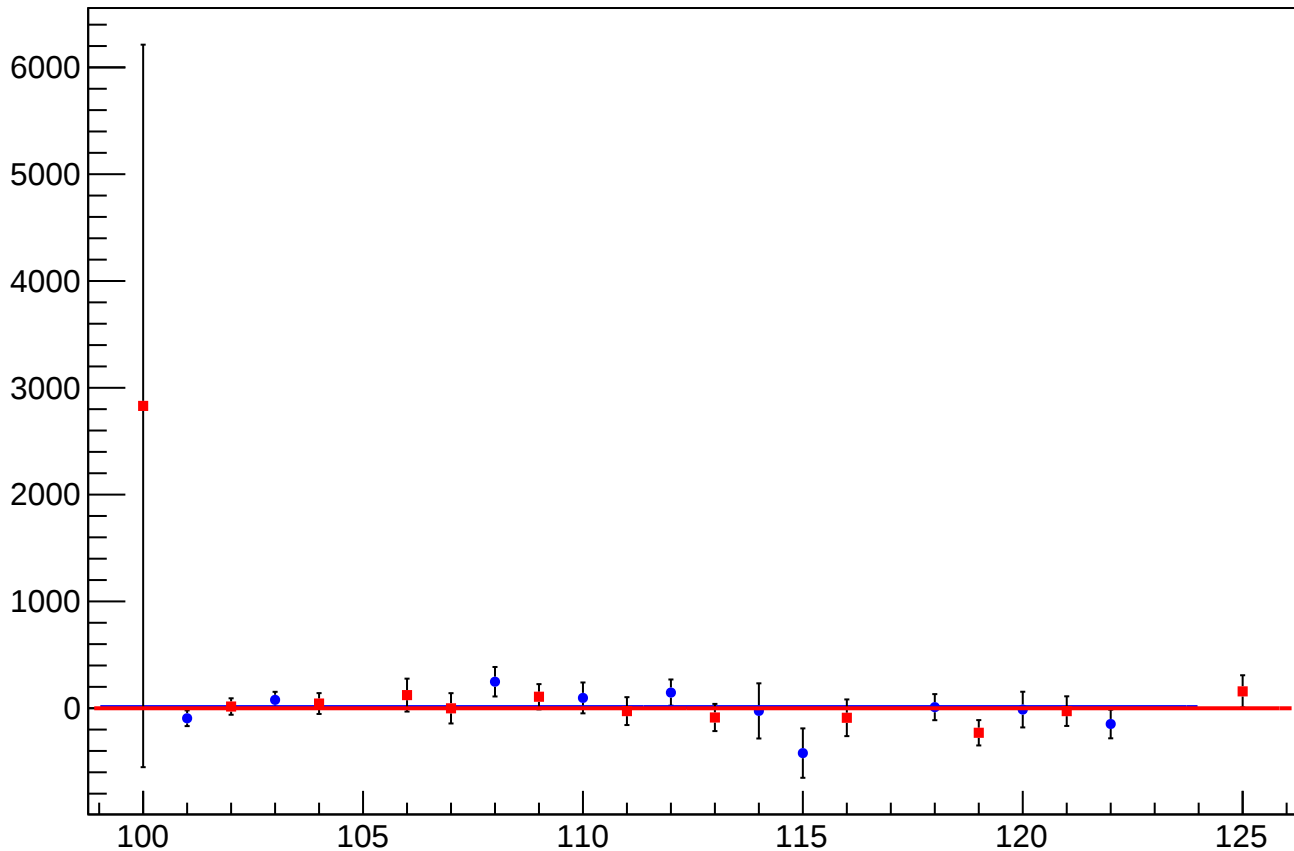
Right: 73.957+/-0.018 χ^2/NDF : 677444.4/21

In: 70.975+/-0.026 χ^2/NDF : 301917.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.957+/-0.018 χ^2/NDF : 677444.4/21

reg_asym_ds_dd_mean vs Slug, Sign Corrected



Right In: 10.460 $\pm$ 37.249 χ^2 /NDF: 12.3/9

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

Right Out: -0.589 $\pm$ 36.315 χ^2 /NDF: 8.1/11

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

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

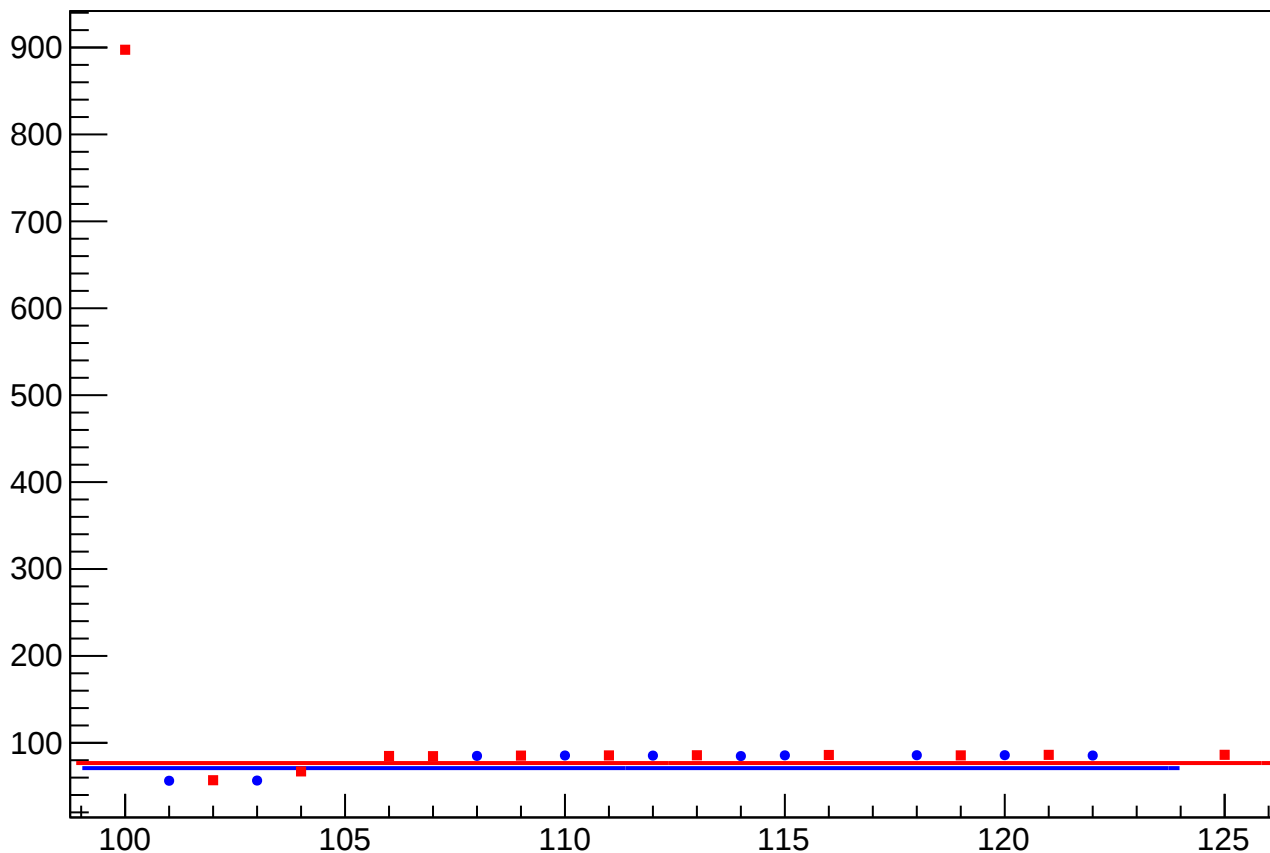
Right: 4.795 $\pm$ 26.003 χ^2 /NDF: 20.4/21

In: 10.460 $\pm$ 37.249 χ^2 /NDF:12.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.795 $\pm$ 26.003 χ^2 /NDF: 20.4/21

reg_asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 70.912+/-0.026 χ^2/NDF : 301656.1/9

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

Right Out: 76.750+/-0.026 χ^2/NDF : 344101.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

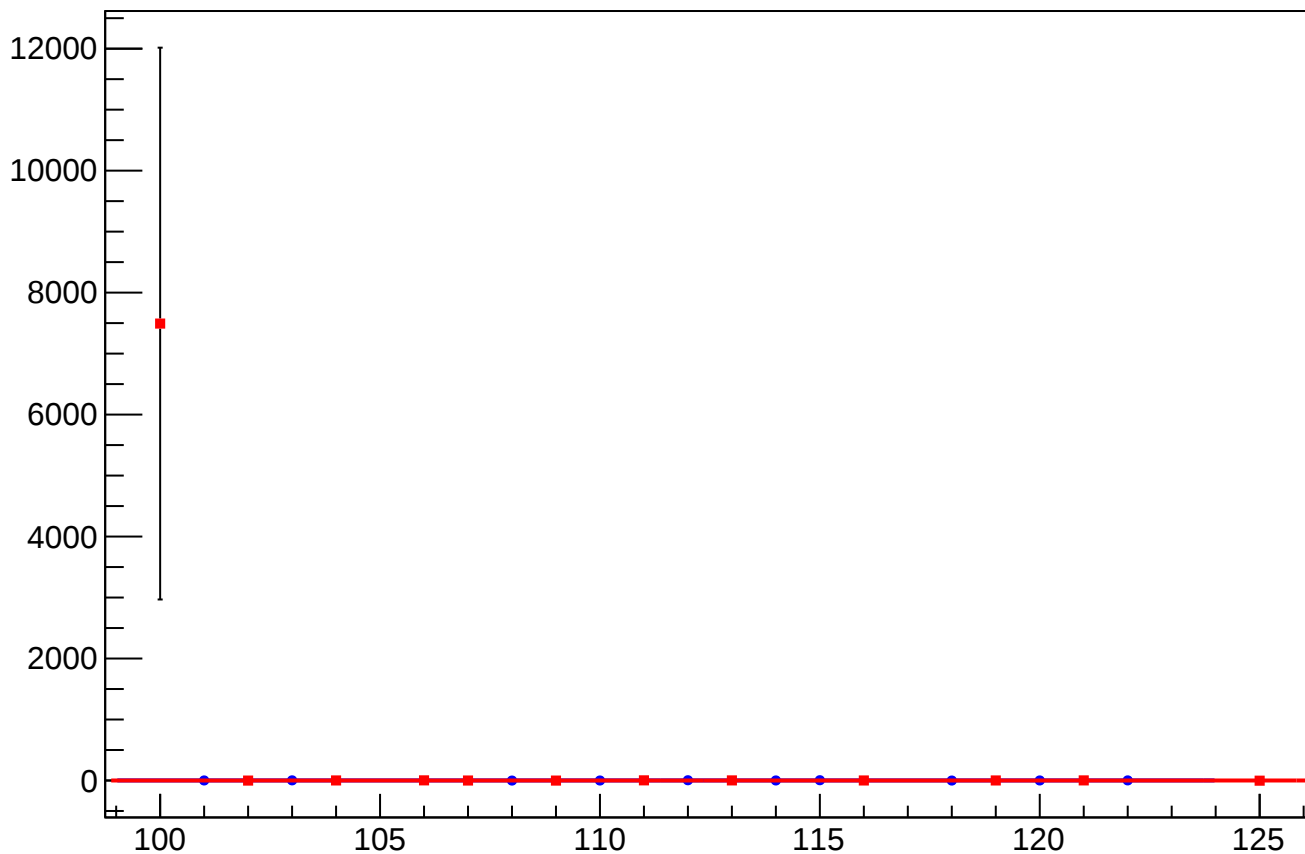
Right: 73.905+/-0.018 χ^2/NDF : 670947.3/21

In: 70.912+/-0.026 χ^2/NDF : 301656.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.905+/-0.018 χ^2/NDF : 670947.3/21

asym_ds_dd_correction_mean vs Slug, Sign Corrected



Right In: 1.306 $\pm$ 0.651 χ^2 /NDF: 5.7/9

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

Right Out: 0.043 $\pm$ 0.652 χ^2 /NDF: 9.6/11

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

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

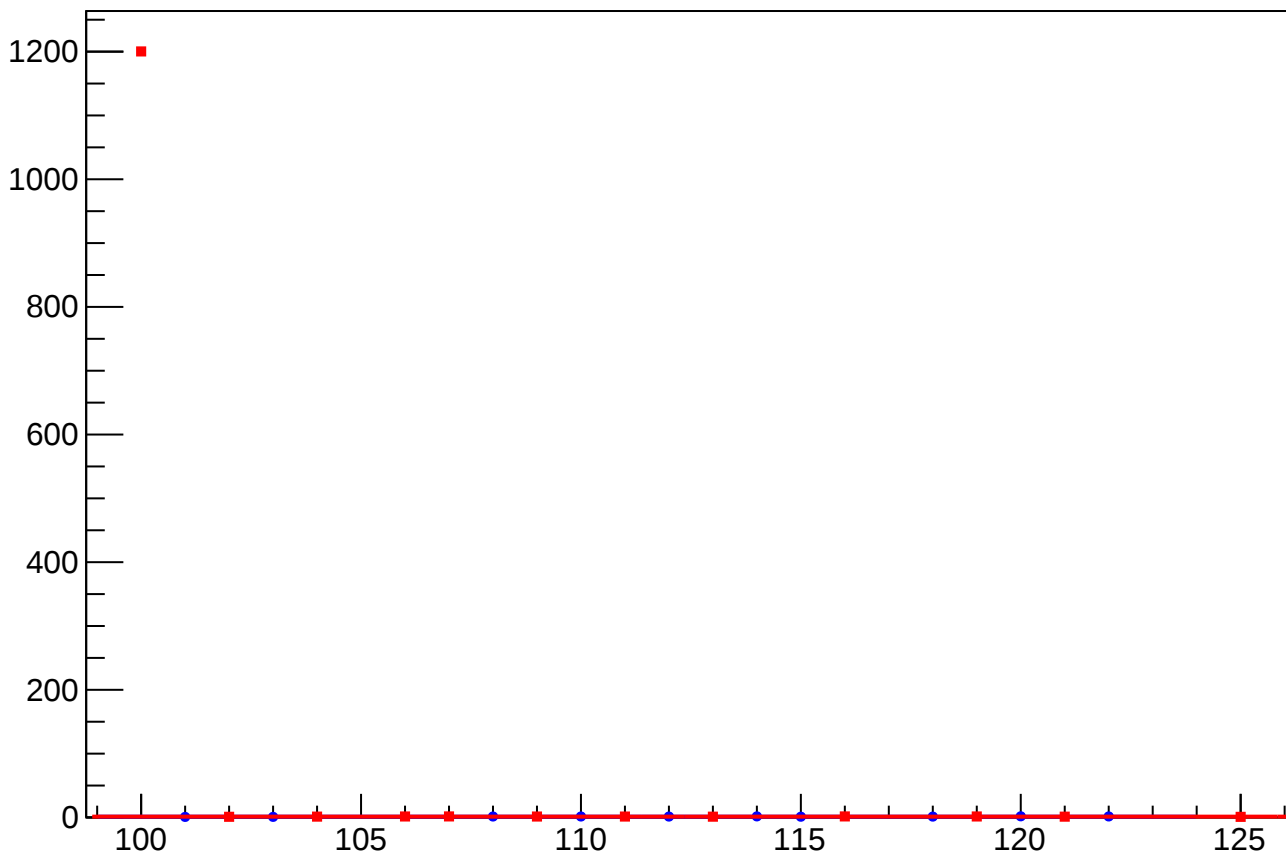
Right: 0.675 $\pm$ 0.461 χ^2 /NDF: 17.1/21

In: 1.306 $\pm$ 0.651 χ^2 /NDF:5.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.675 $\pm$ 0.461 χ^2 /NDF: 17.1/21

asym_ds_dd_correction_rms vs Slug, Sign Corrected



Right In: 1.137+/-0.000 χ^2/NDF : 449298.0/9

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

Right Out: 1.278+/-0.000 χ^2/NDF : 365721.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

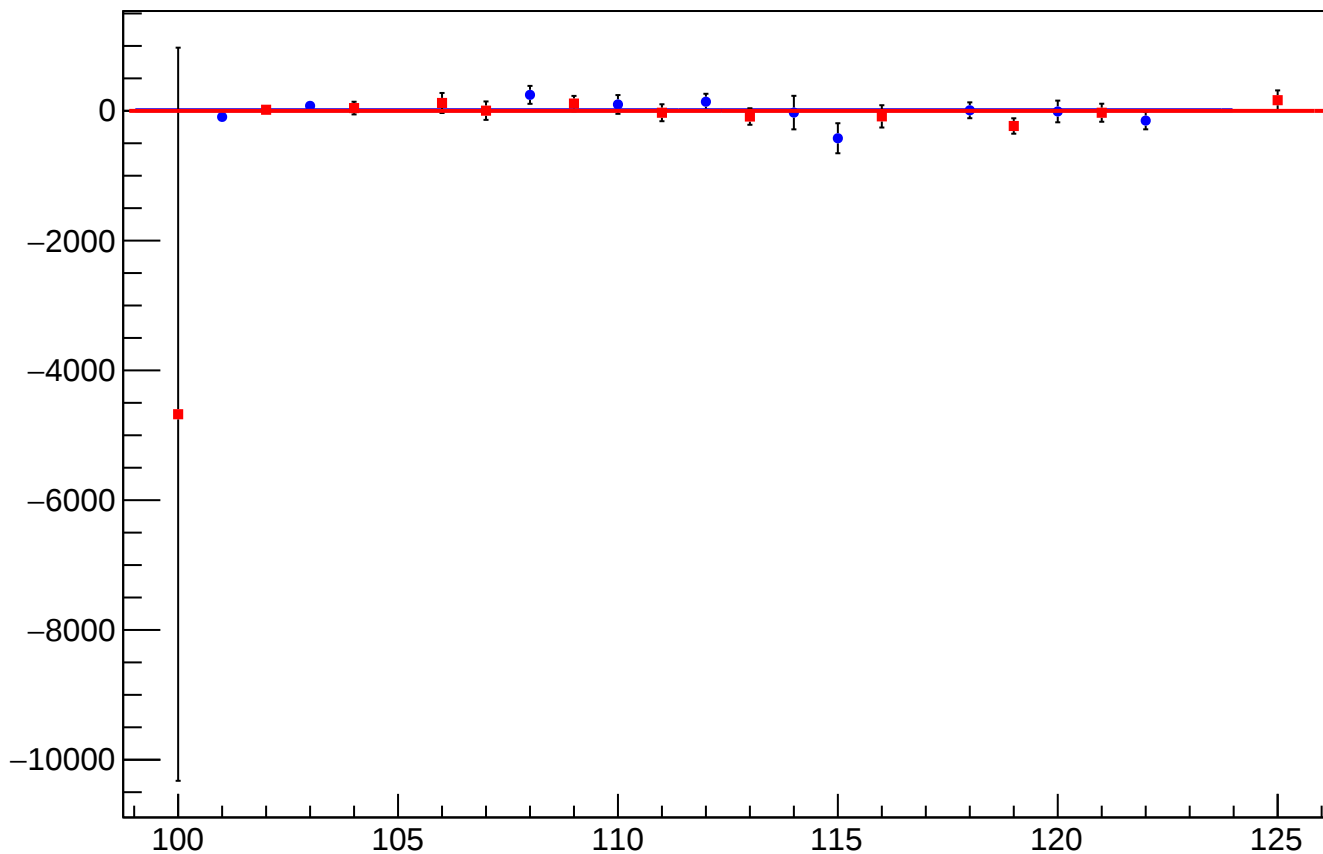
Right: 1.208+/-0.000 χ^2/NDF : 861821.9/21

In: 1.137+/-0.000 χ^2/NDF : 449298.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.208+/-0.000 χ^2/NDF : 861821.9/21

asym_ds_dd_mean vs Slug, Sign Corrected



Right In: 9.125+/-37.259 χ^2 /NDF: 12.1/9

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

Right Out: -0.883+/-36.326 χ^2 /NDF: 8.3/11

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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

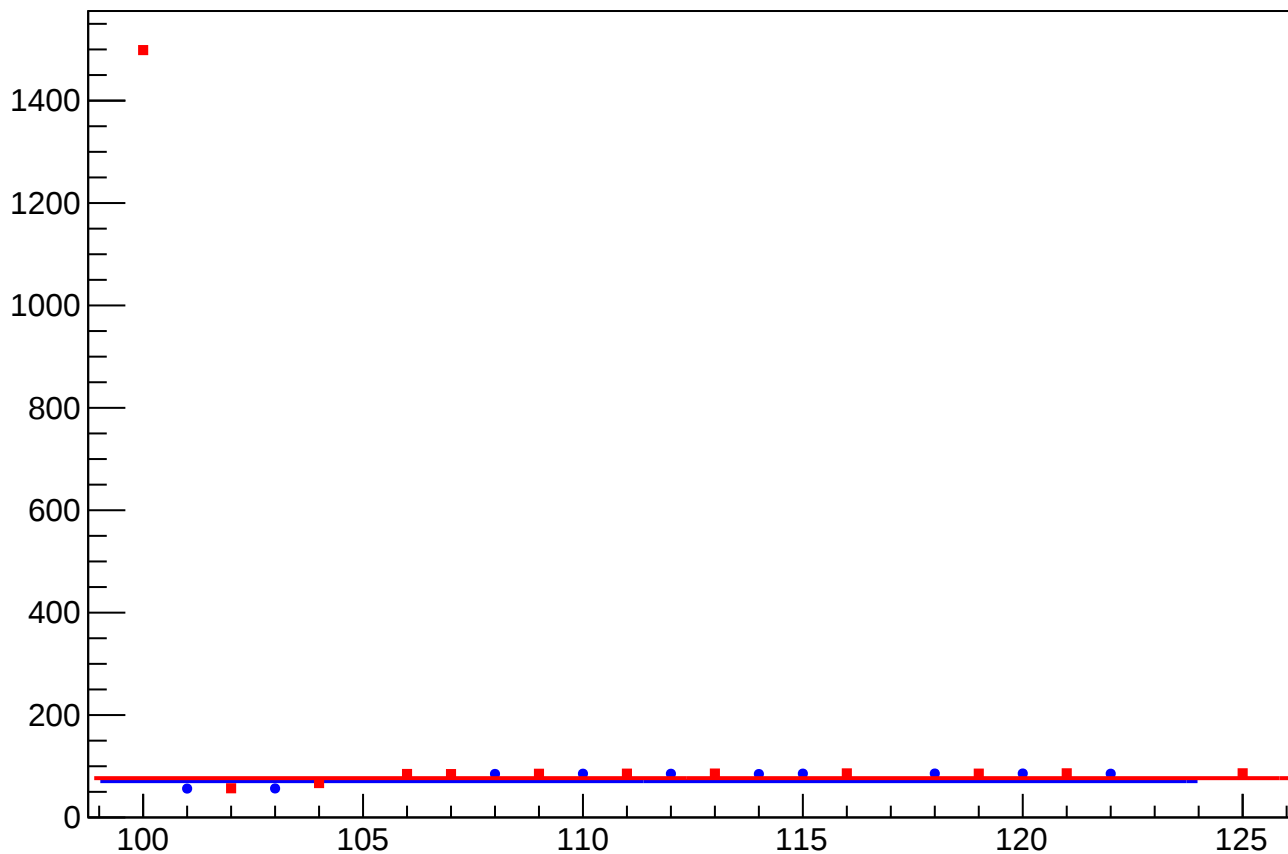
Right: 3.994+/-26.010 χ^2 /NDF: 20.5/21

In: 9.125+/-37.259 χ^2 /NDF: 12.1/9

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 3.994+/-26.010 χ^2 /NDF: 20.5/21

asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 70.930+/-0.026 χ^2/NDF : 301666.7/9

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

Right Out: 76.735+/-0.026 χ^2/NDF : 353072.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

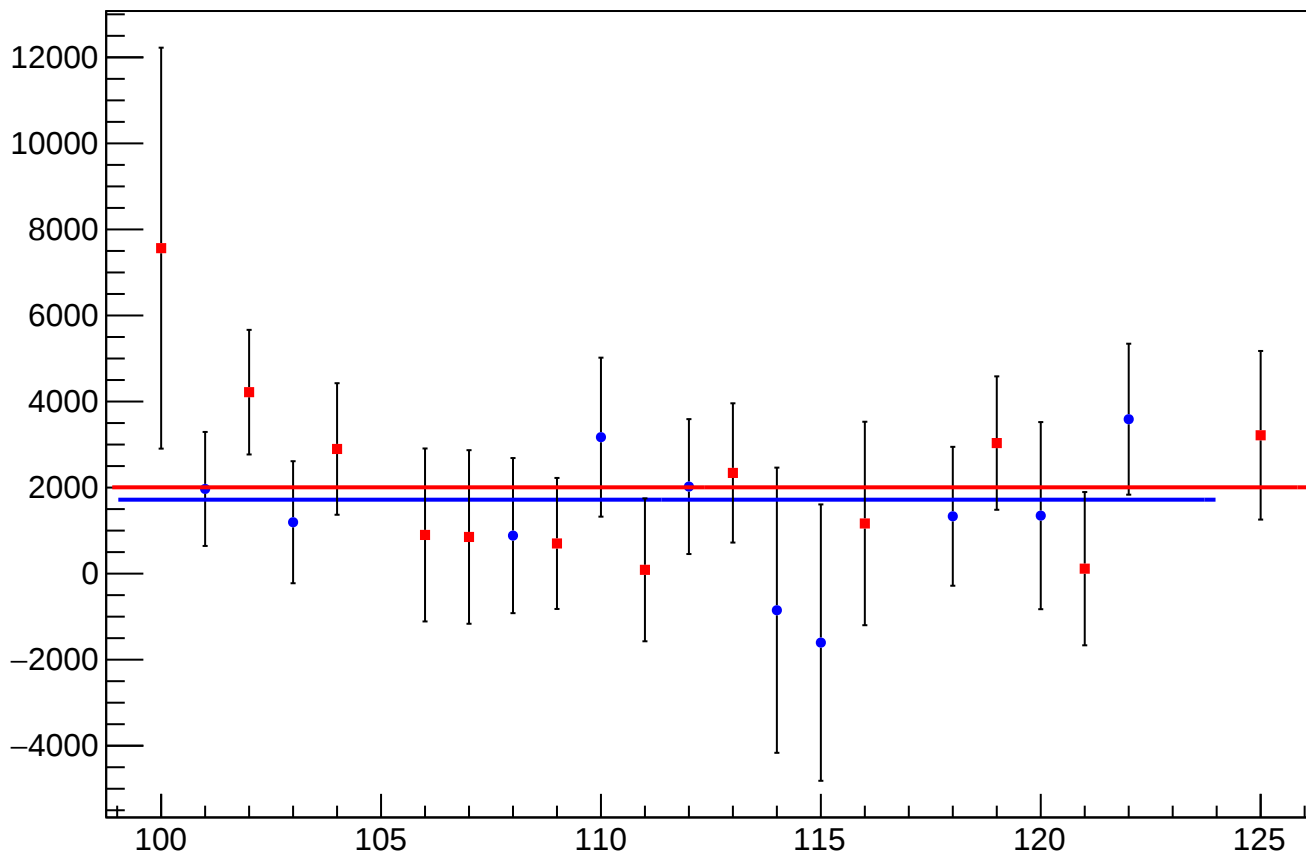
Right: 73.906+/-0.018 χ^2/NDF : 679624.9/21

In: 70.930+/-0.026 χ^2/NDF : 301666.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.906+/-0.018 χ^2/NDF : 679624.9/21

reg_asym_usl_mean vs Slug, Sign Corrected



Right In: 1718.523+/-560.571 χ^2/NDF : 3.9/9

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

Right Out: 2006.157+/-513.672 χ^2/NDF : 8.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

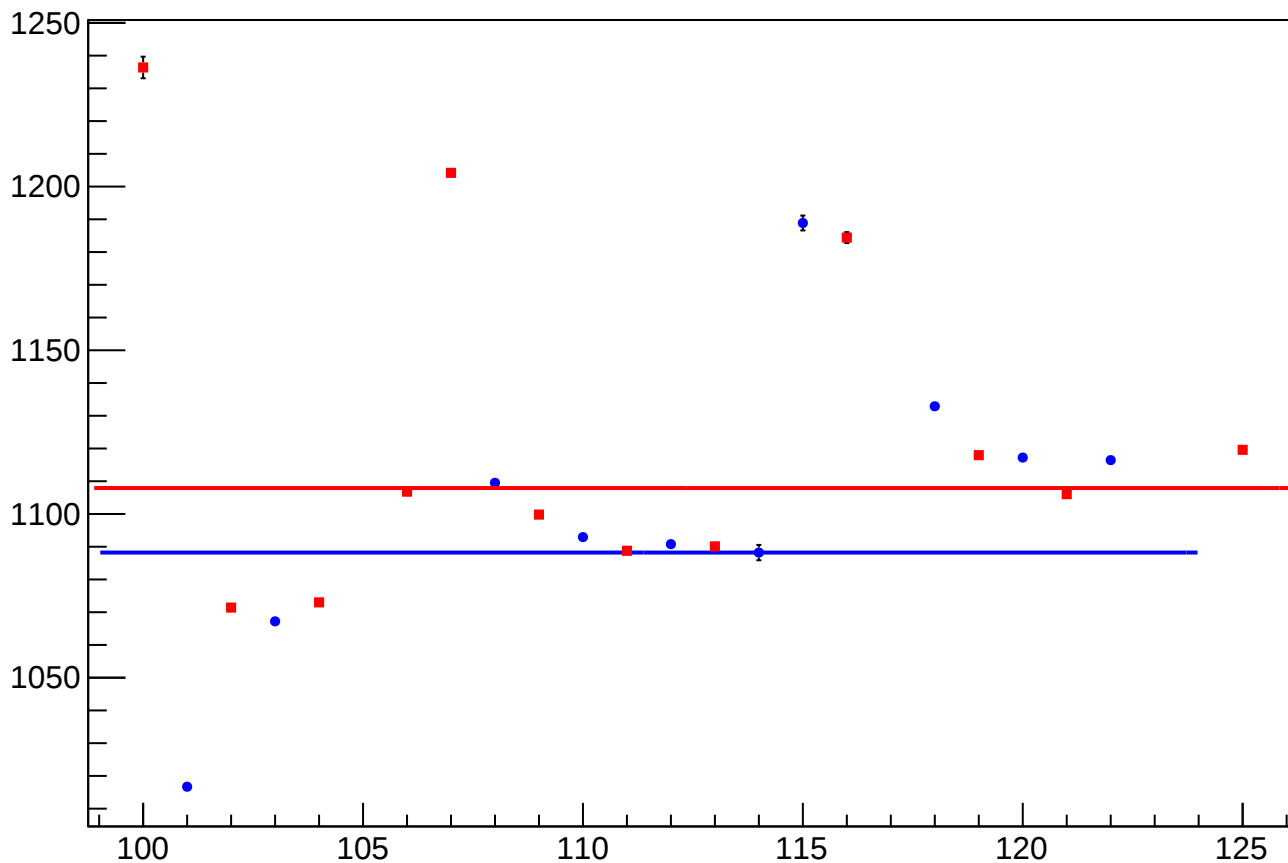
Right: 1874.874+/-378.718 χ^2/NDF : 13.0/21

In: 1718.523+/-560.571 χ^2/NDF : 3.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1874.874+/-378.718 χ^2/NDF : 13.0/21

reg_asym_usl_rms vs Slug, Sign Corrected



Right In: 1088.221+/-0.396 χ^2/NDF : 10934.7/9

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

Right Out: 1107.927+/-0.363 χ^2/NDF : 11204.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

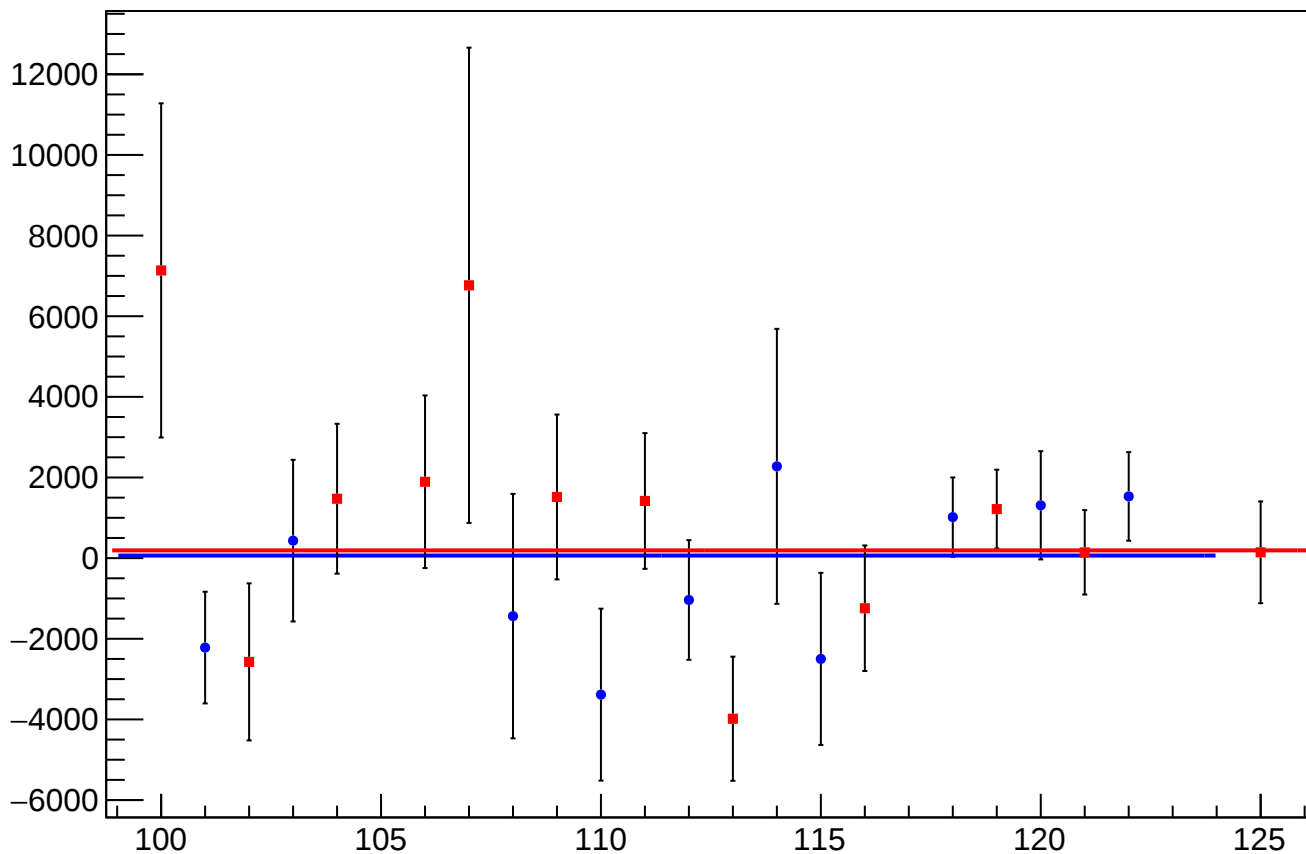
Right: 1098.933+/-0.268 χ^2/NDF : 23482.6/21

In: 1088.221+/-0.396 χ^2/NDF : 10934.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1098.933+/-0.268 χ^2/NDF : 23482.6/21

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: 63.989+/-483.587 χ^2/NDF : 11.6/9

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

Right Out: 192.455+/-452.982 χ^2/NDF : 17.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

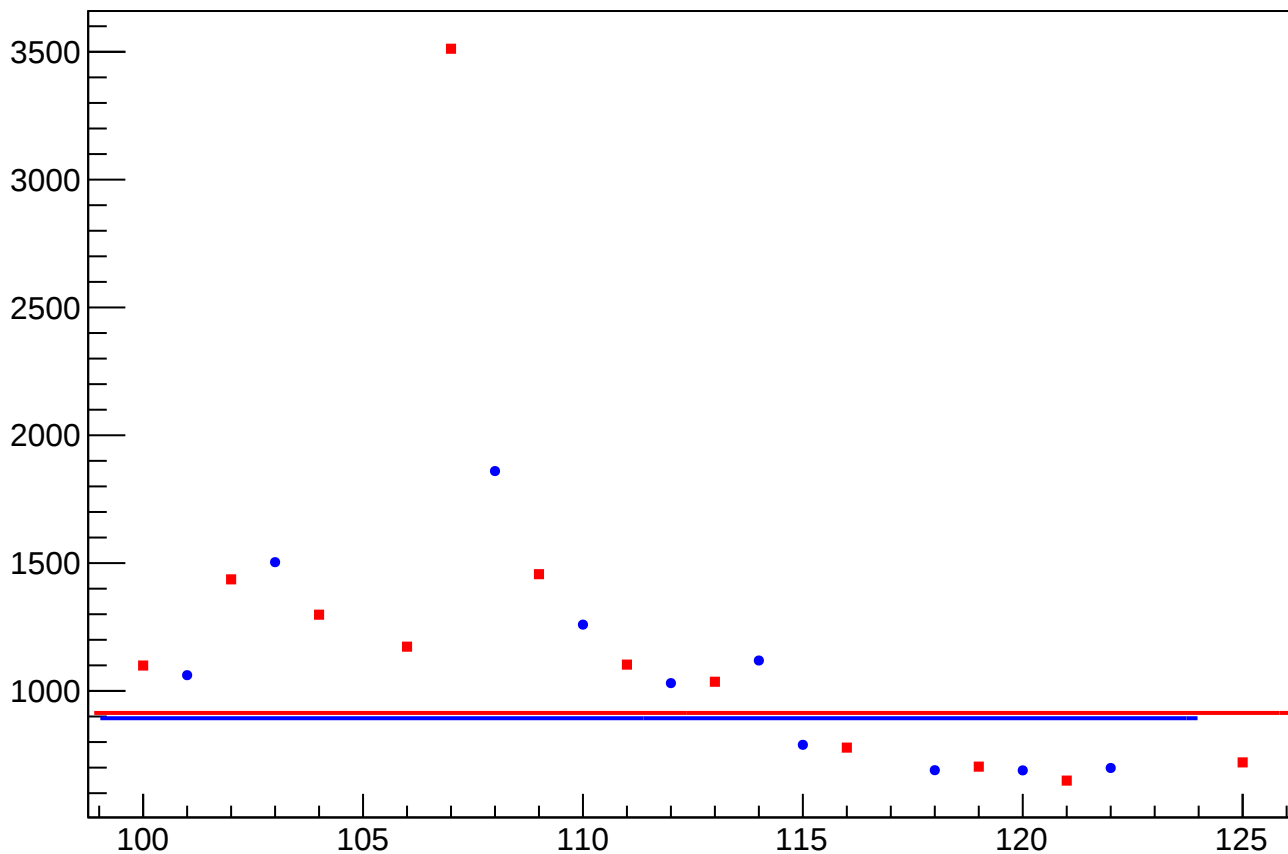
Right: 132.416+/-330.597 χ^2/NDF : 29.1/21

In: 63.989+/-483.587 χ^2/NDF : 11.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.416+/-330.597 χ^2/NDF : 29.1/21

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 893.182+/-0.342 χ^2/NDF : 702504.6/9

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

Right Out: 913.935+/-0.320 χ^2/NDF : 1112828.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

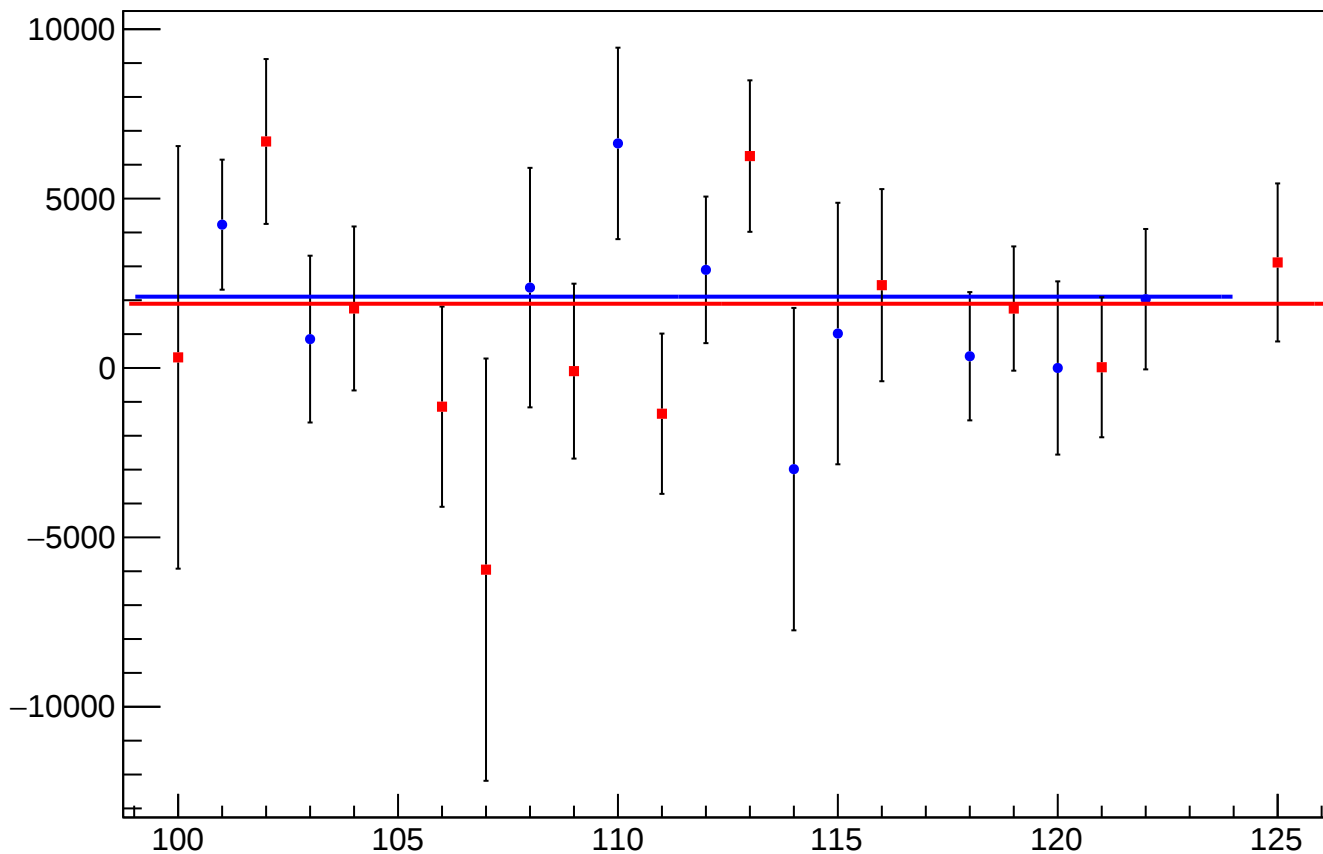
Right: 904.236+/-0.234 χ^2/NDF : 1817294.5/21

In: 893.182+/-0.342 χ^2/NDF : 702504.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 904.236+/-0.234 χ^2/NDF : 1817294.5/21

asym_usl_mean vs Slug, Sign Corrected



Right In: 2104.958+/-782.840 χ^2/NDF : 7.0/9

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

Right Out: 1895.934+/-730.504 χ^2/NDF : 14.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

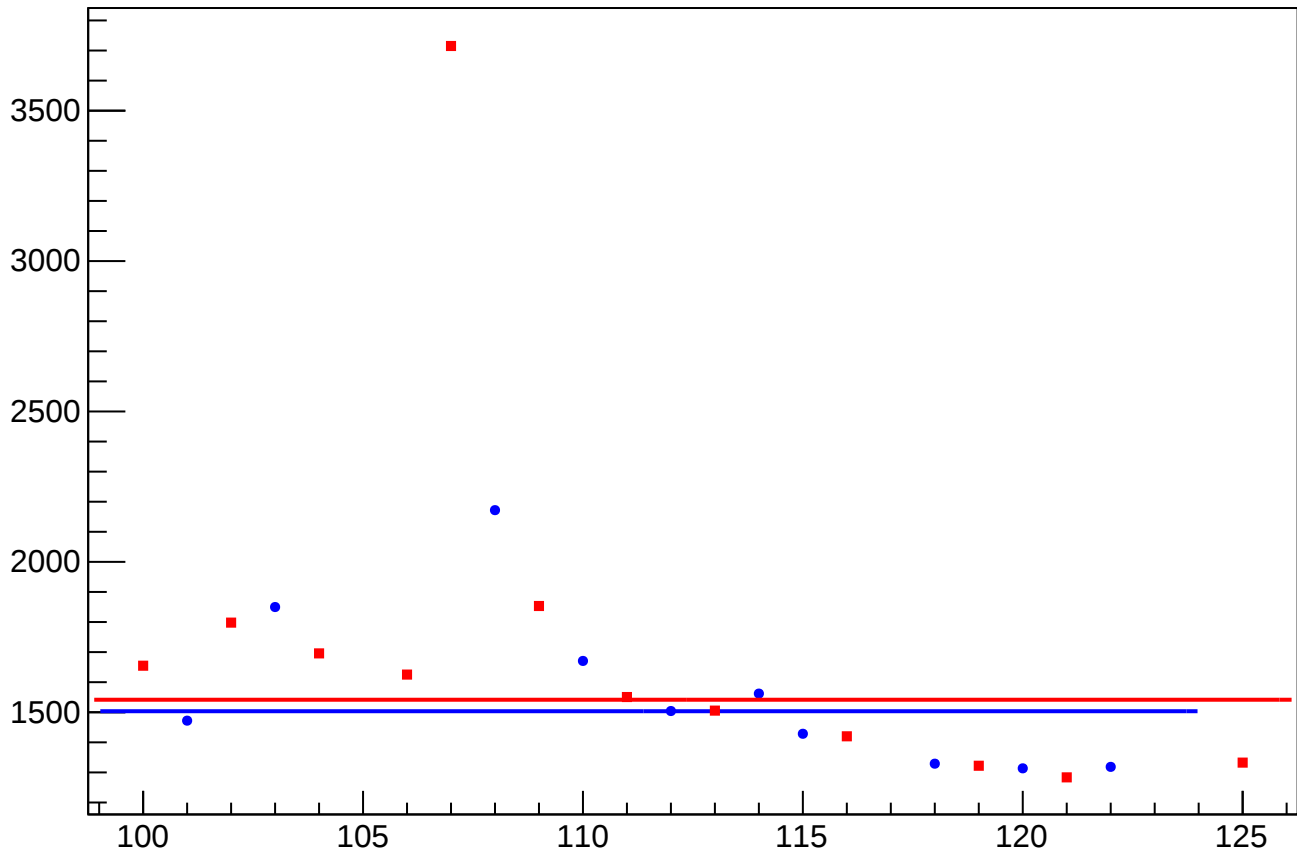
Right: 1993.226+/-534.089 χ^2/NDF : 21.0/21

In: 2104.958+/-782.840 χ^2/NDF : 7.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1993.226+/-534.089 χ^2/NDF : 21.0/21

asym_usl_rms vs Slug, Sign Corrected



Right In: 1503.470+/-0.554 χ^2/NDF : 163672.2/9

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

Right Out: 1541.656+/-0.517 χ^2/NDF : 385053.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

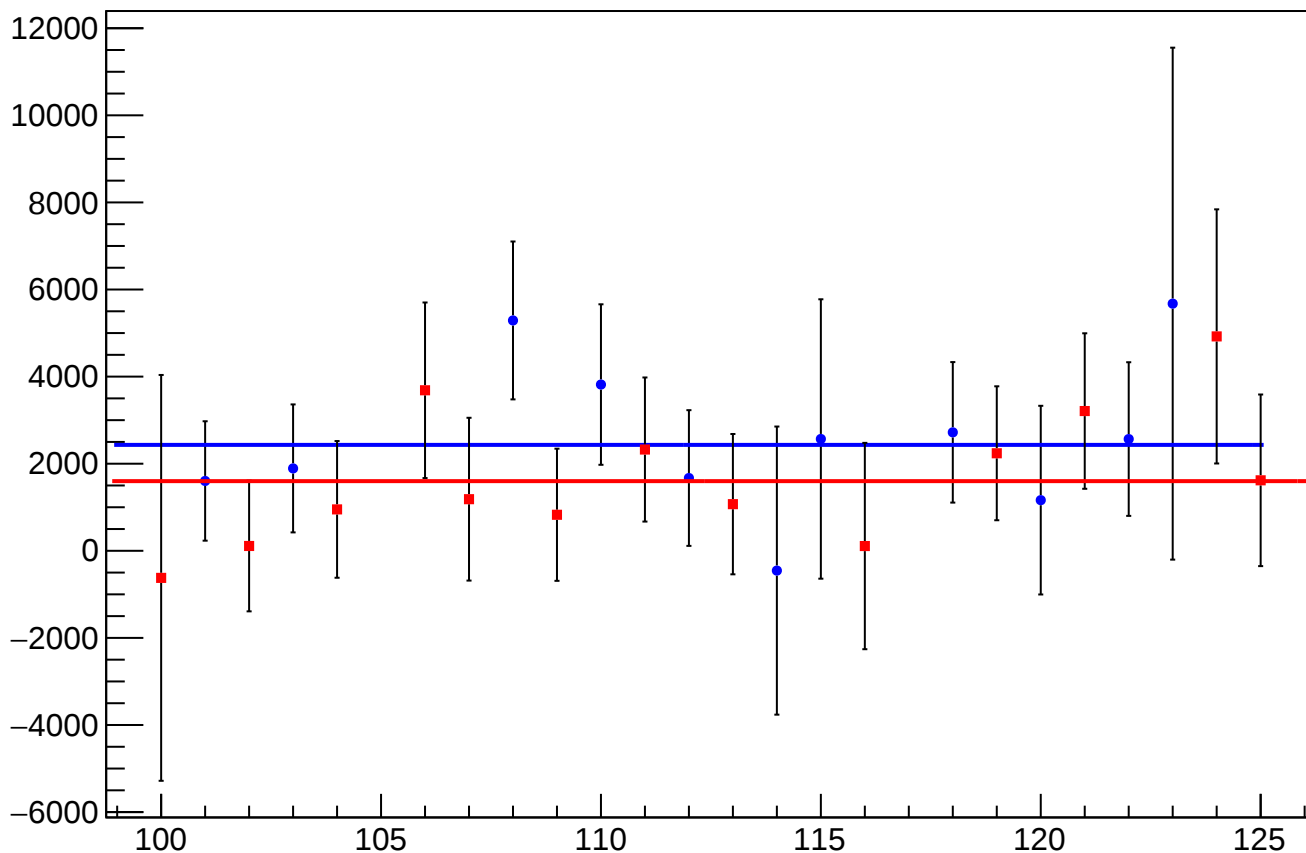
Right: 1523.882+/-0.378 χ^2/NDF : 551269.6/21

In: 1503.470+/-0.554 χ^2/NDF : 163672.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1523.882+/-0.378 χ^2/NDF : 551269.6/21

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 2432.179+/-564.161 χ^2/NDF : 5.2/10

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

Right Out: 1599.697+/-506.195 χ^2/NDF : 5.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

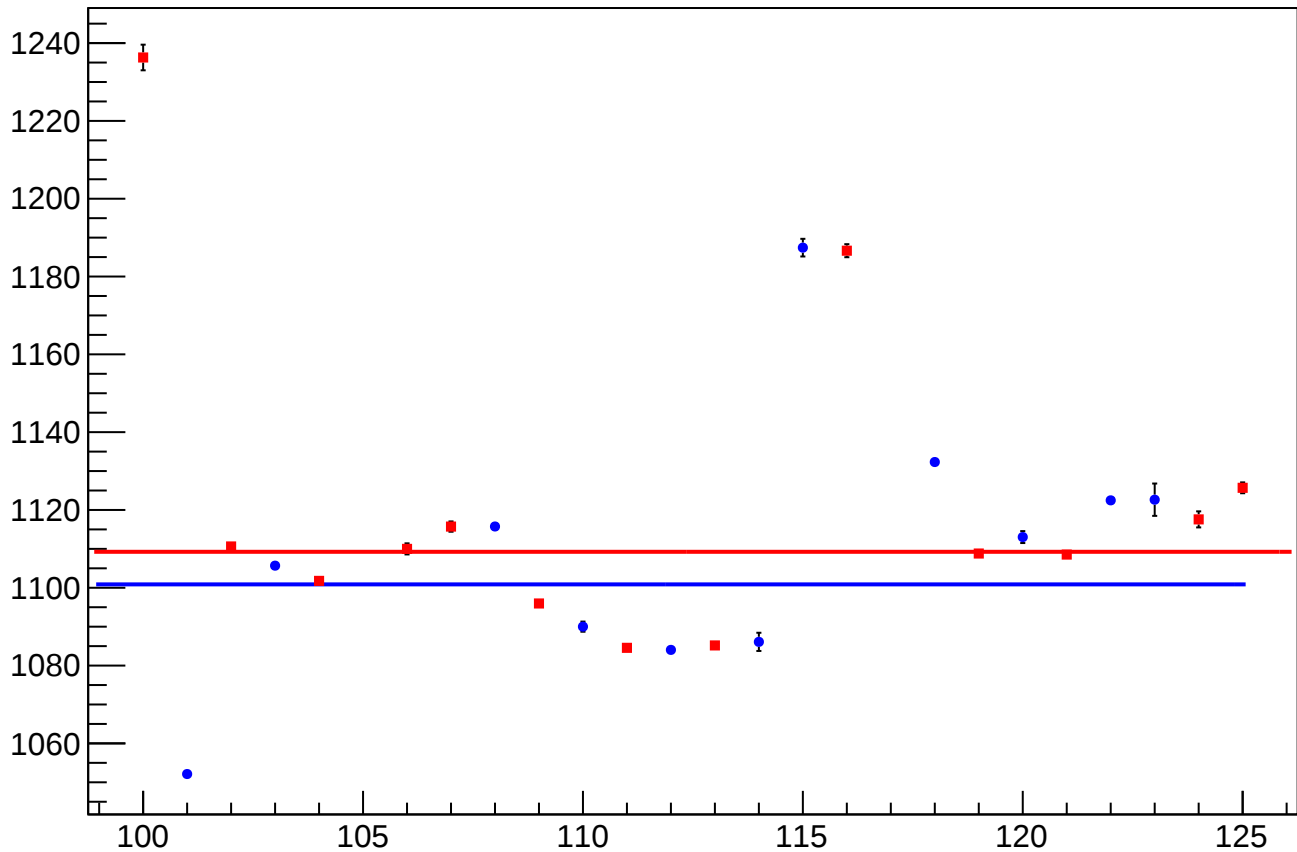
Right: 1970.986+/-376.766 χ^2/NDF : 12.2/23

In: 2432.179+/-564.161 χ^2/NDF : 5.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1970.986+/-376.766 χ^2/NDF : 12.2/23

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1100.871+/-0.399 χ^2/NDF : 5633.2/10

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

Right Out: 1109.246+/-0.358 χ^2/NDF : 4893.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

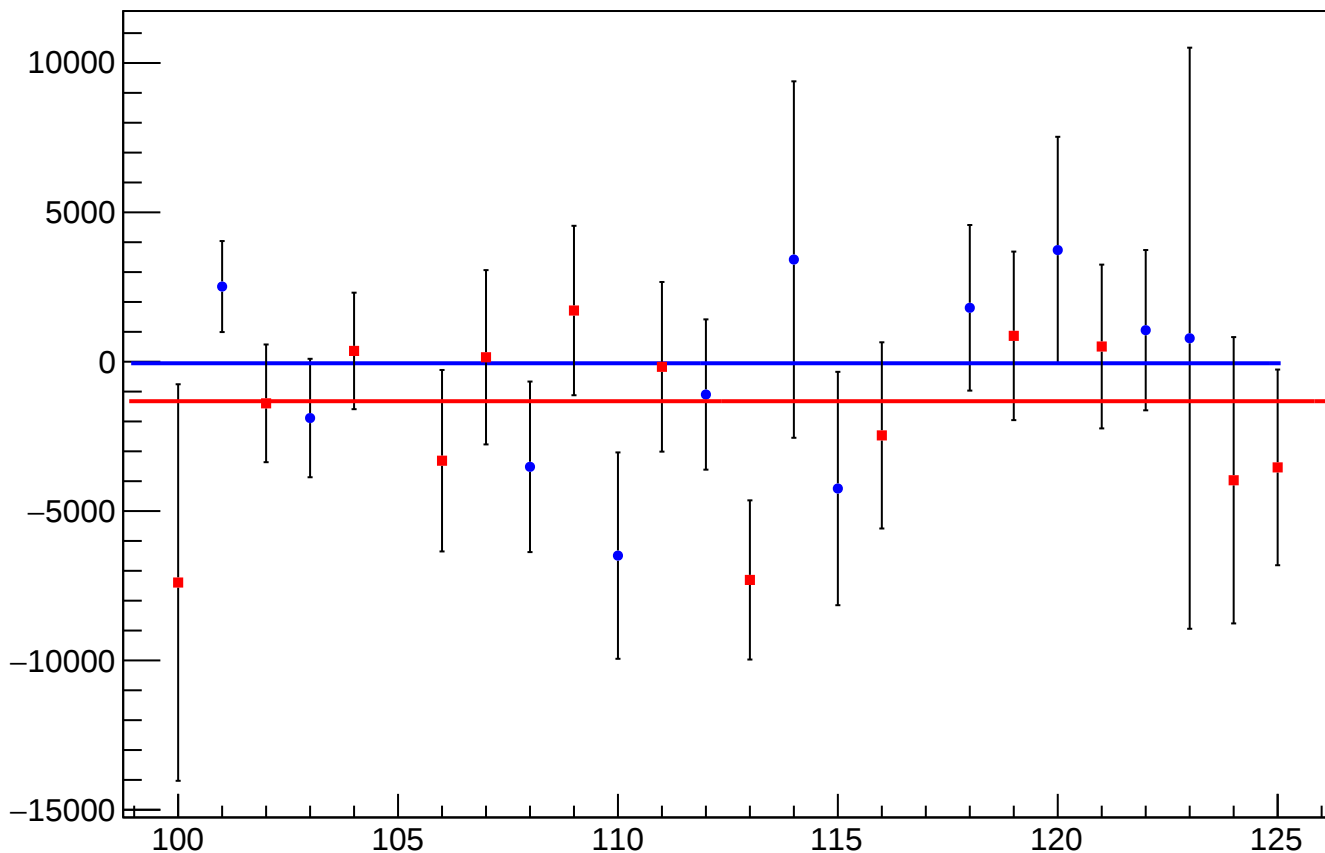
Right: 1105.511+/-0.266 χ^2/NDF : 10771.2/23

In: 1100.871+/-0.399 χ^2/NDF : 5633.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1105.511+/-0.266 χ^2/NDF : 10771.2/23

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -51.914+/-818.530 χ^2/NDF : 11.9/10

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

Right Out: -1322.232+/-776.911 χ^2/NDF : 10.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

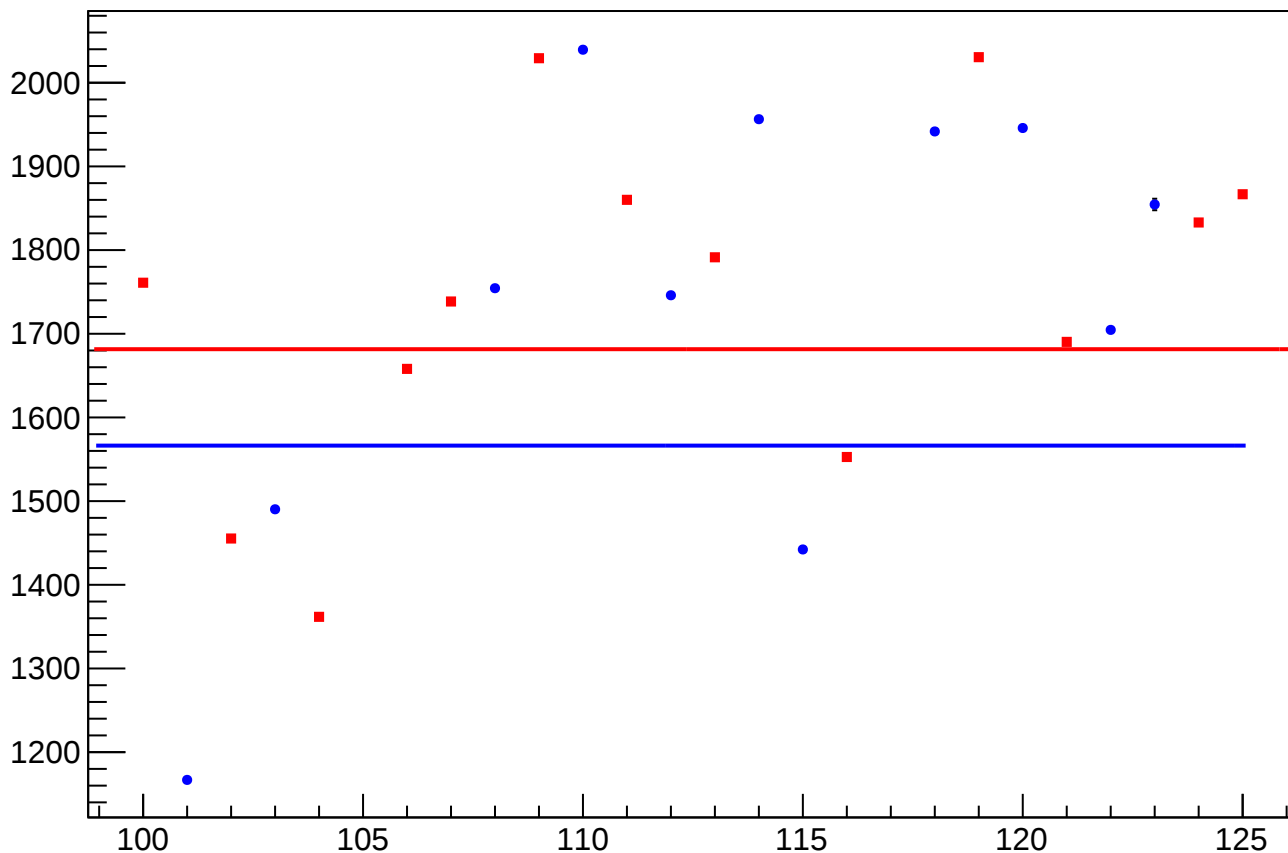
Right: -720.188+/-563.498 χ^2/NDF : 23.8/23

In: -51.914+/-818.530 χ^2/NDF : 11.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -720.188+/-563.498 χ^2/NDF : 23.8/23

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1566.337+/-0.579 χ^2/NDF : 271223.7/10

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

Right Out: 1681.564+/-0.549 χ^2/NDF : 165156.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

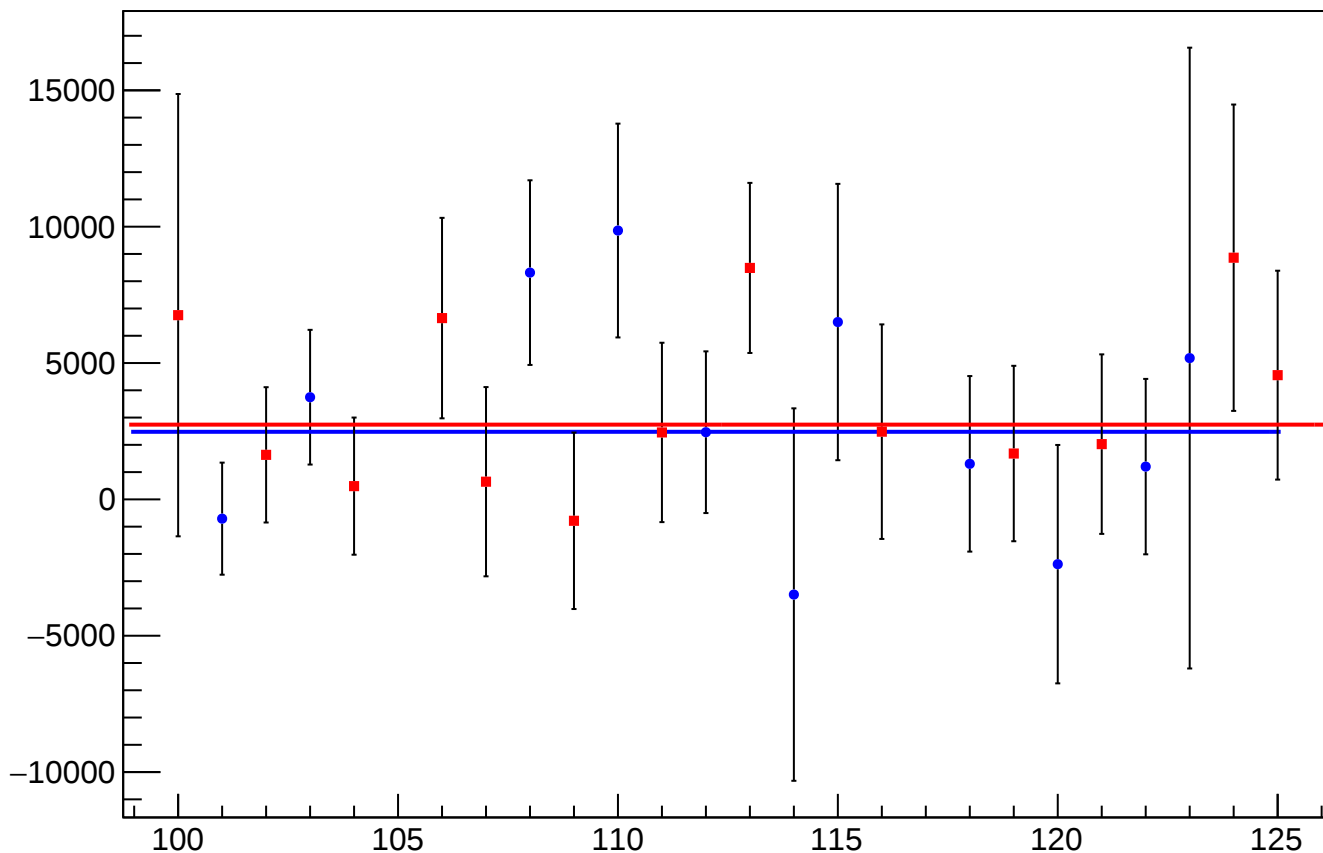
Right: 1626.954+/-0.398 χ^2/NDF : 457230.4/23

In: 1566.337+/-0.579 χ^2/NDF : 271223.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1626.954+/-0.398 χ^2/NDF : 457230.4/23

asym_usr_mean vs Slug, Sign Corrected



Right In: 2478.447+/-1009.906 χ^2/NDF : 12.2/10

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

Right Out: 2741.060+/-937.766 χ^2/NDF : 8.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

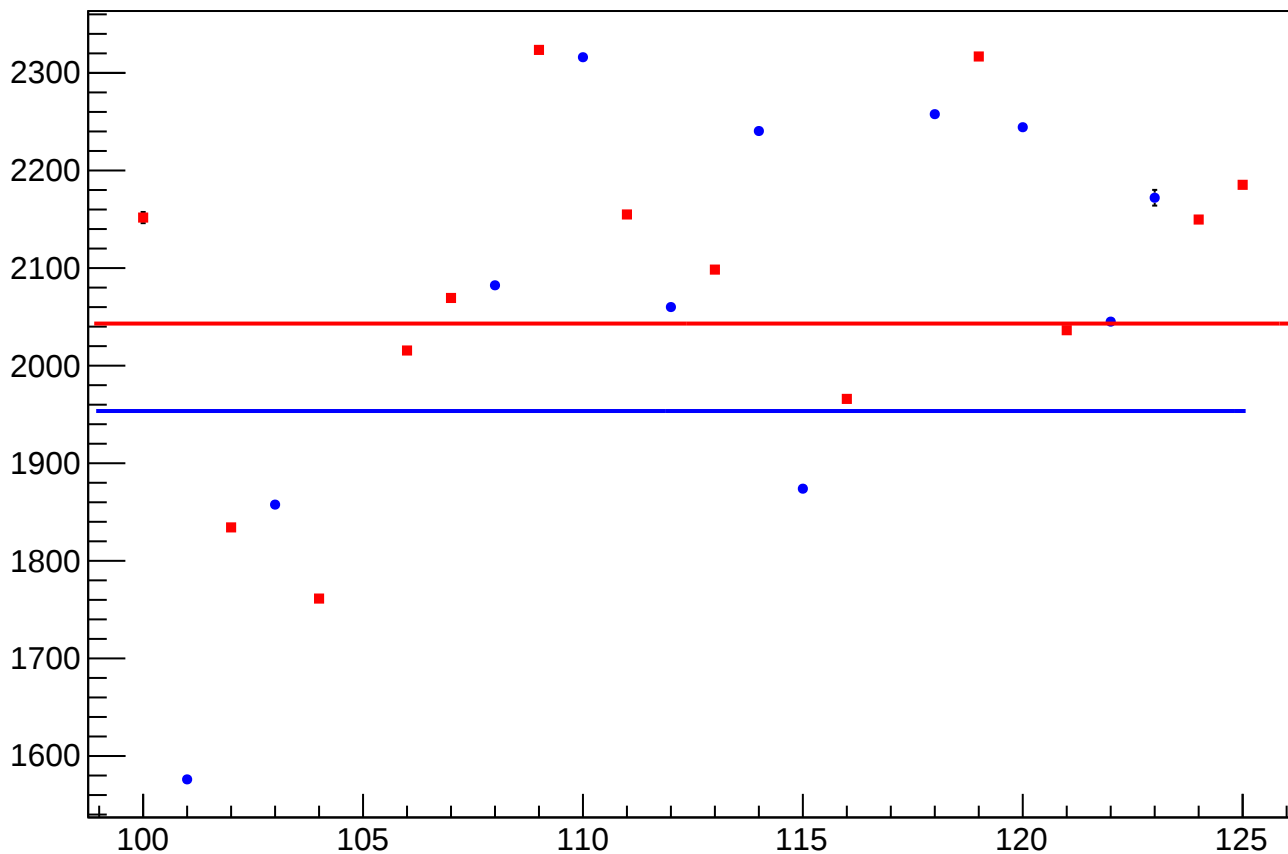
Right: 2619.467+/-687.190 χ^2/NDF : 21.1/23

In: 2478.447+/-1009.906 χ^2/NDF : 12.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2619.467+/-687.190 χ^2/NDF : 21.1/23

asym_usr_rms vs Slug, Sign Corrected



Right In: 1953.528 ± 0.714 χ^2/NDF : 126192.1/10

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

Right Out: 2043.137 ± 0.663 χ^2/NDF : 76577.8/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

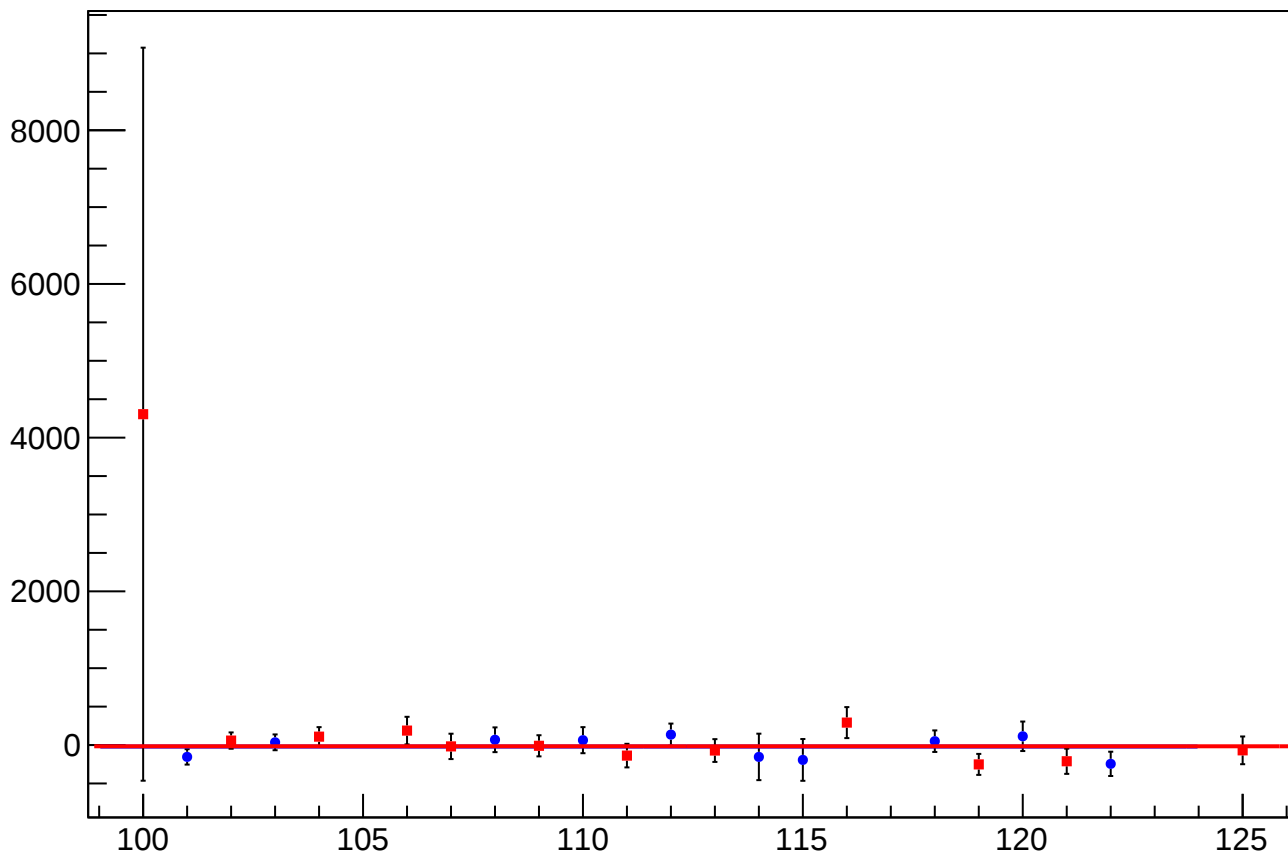
Right: 2001.647 ± 0.486 χ^2/NDF : 211225.3/23

In: 1953.528 ± 0.714 χ^2/NDF : 126192.1/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 2001.647 ± 0.486 χ^2/NDF : 211225.3/23

reg_asym_dsl_mean vs Slug, Sign Corrected



Right In: -19.758+/-46.705 χ^2 /NDF: 7.2/9

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

Right Out: -16.190+/-44.329 χ^2 /NDF: 11.2/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

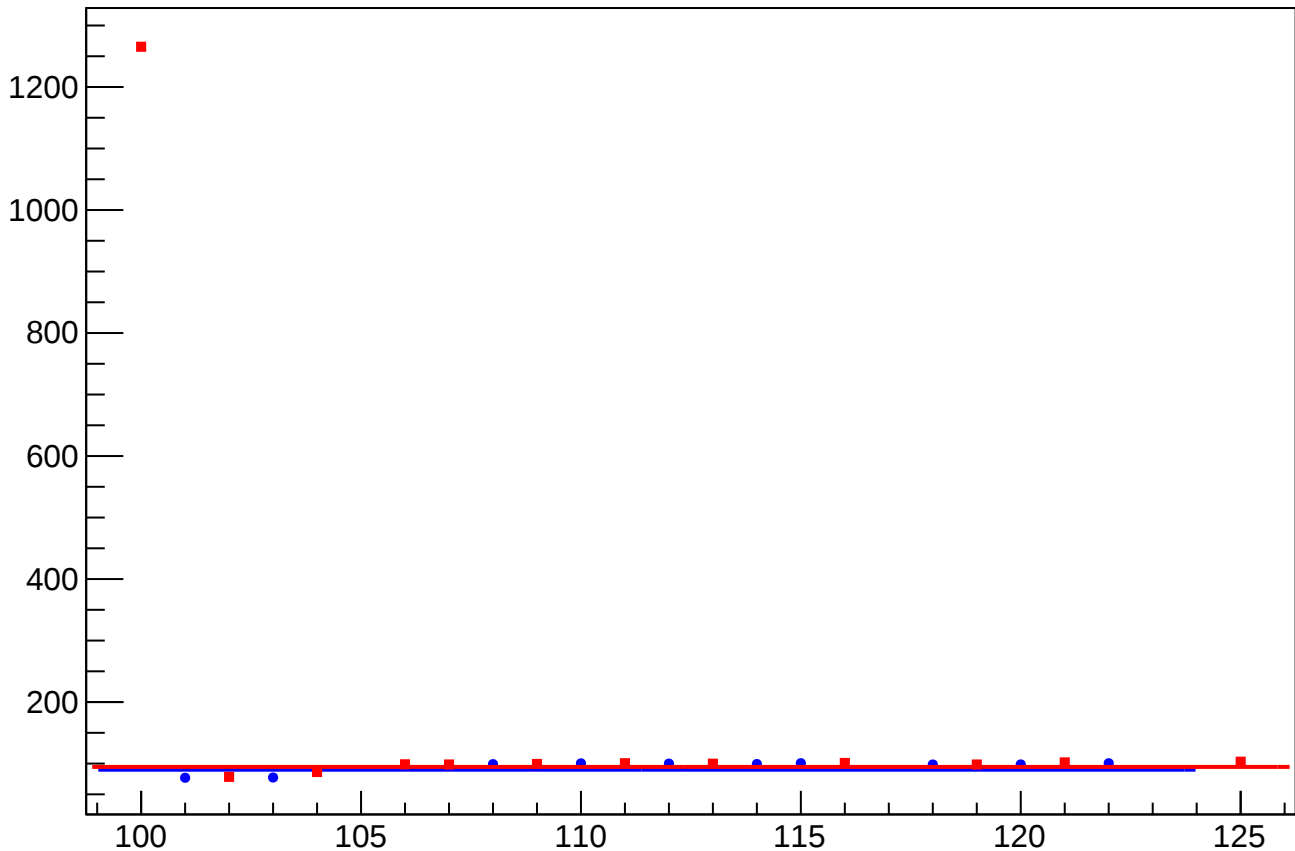
Right: -17.881+/-32.152 χ^2 /NDF: 18.4/21

In: -19.758+/-46.705 χ^2 /NDF:7.2/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -17.881+/-32.152 χ^2 /NDF: 18.4/21

reg_asym_dsl_rms vs Slug, Sign Corrected



Right In: 90.065+/-0.033 χ^2/NDF : 112753.8/9

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

Right Out: 94.577+/-0.031 χ^2/NDF : 198229.1/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

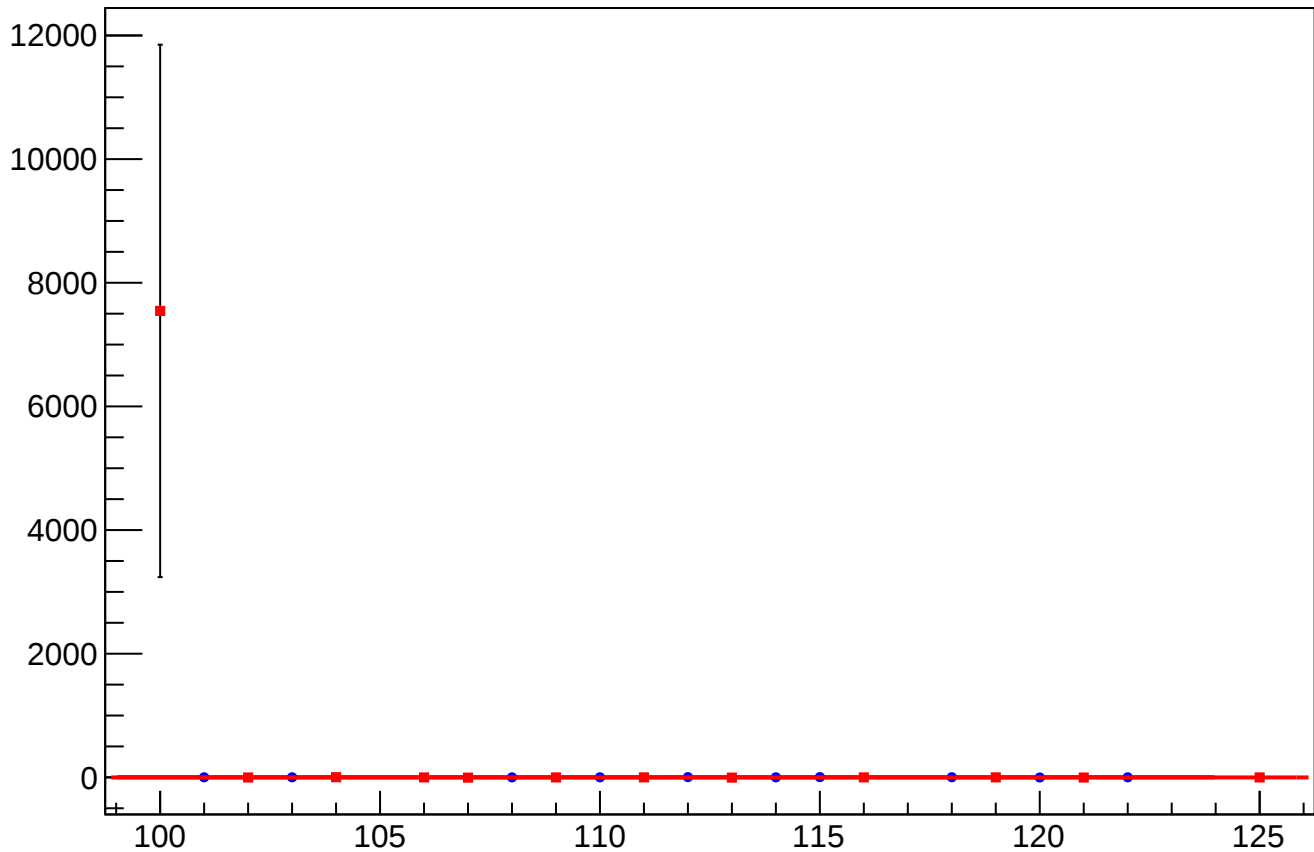
Right: 92.439+/-0.023 χ^2/NDF : 320800.3/21

In: 90.065+/-0.033 χ^2/NDF : 112753.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.439+/-0.023 χ^2/NDF : 320800.3/21

asym_dsl_correction_mean vs Slug, Sign Corrected



Right In: 1.172+/-0.755 χ^2/NDF : 3.0/9

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

Right Out: -1.224+/-0.767 χ^2/NDF : 11.3/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

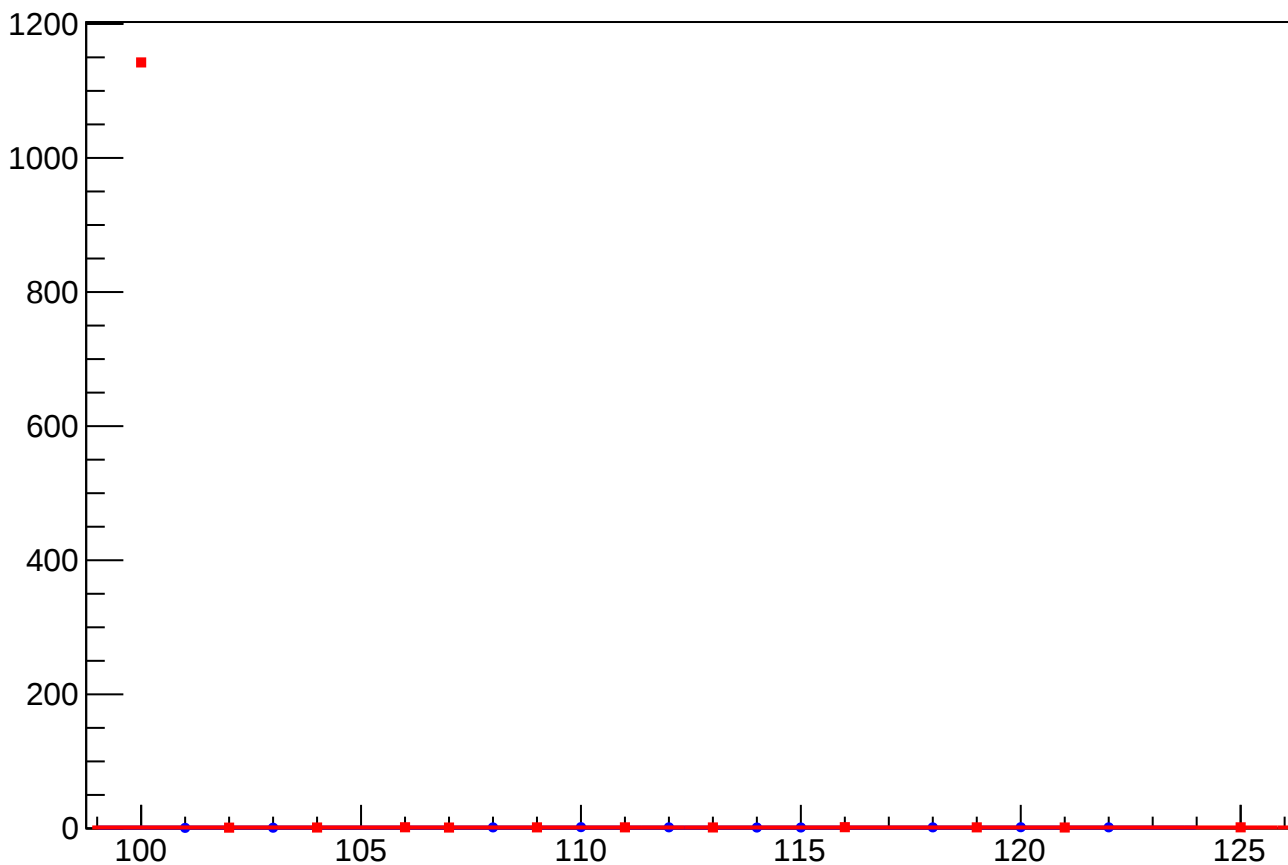
Right: -0.006+/-0.538 χ^2/NDF : 19.3/21

In: 1.172+/-0.755 χ^2/NDF : 3.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.538 χ^2/NDF : 19.3/21

asym_dsl_correction_rms vs Slug, Sign Corrected



Right In: 1.295+/-0.001 χ^2/NDF : 457306.0/9

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

Right Out: 1.500+/-0.001 χ^2/NDF : 254639.3/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

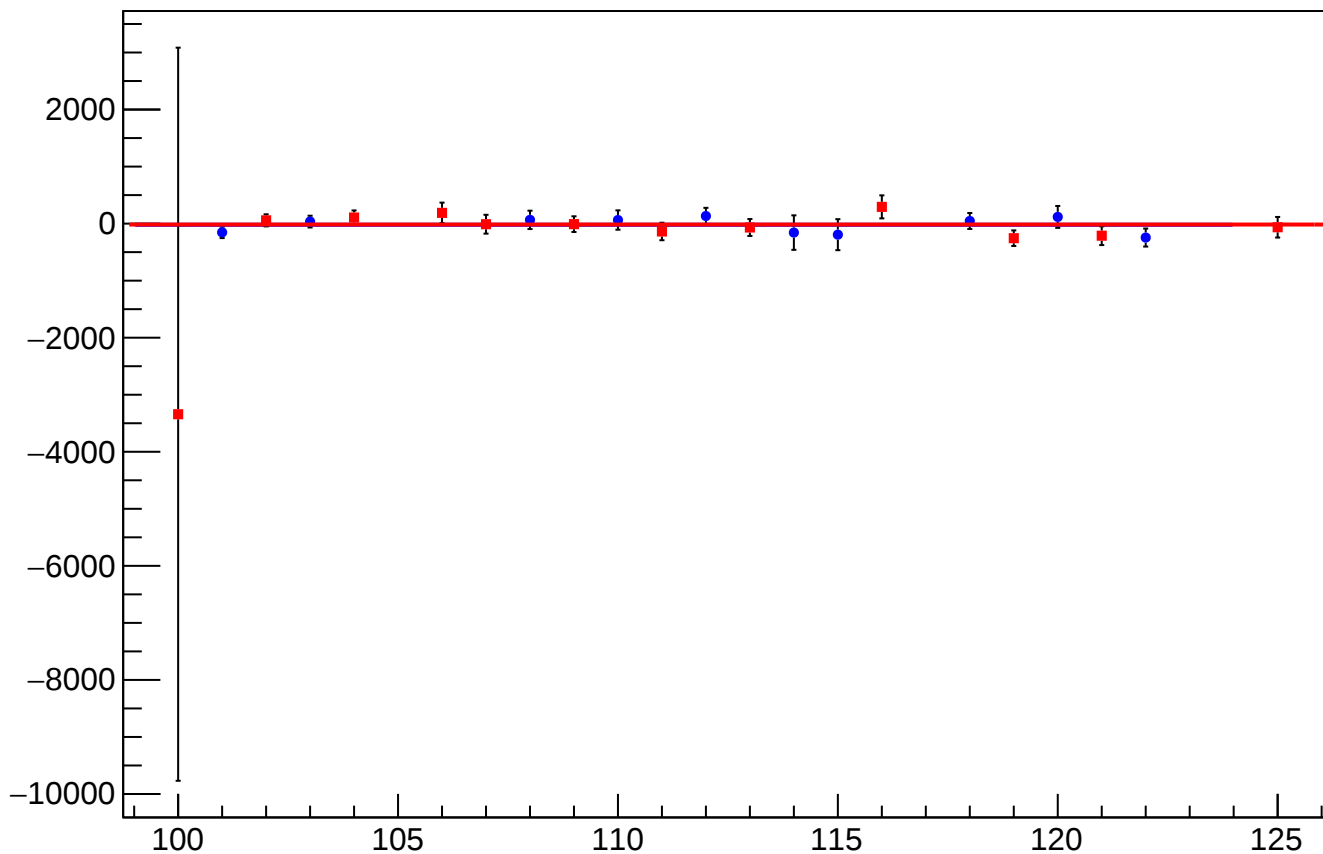
Right: 1.396+/-0.000 χ^2/NDF : 784999.4/21

In: 1.295+/-0.001 χ^2/NDF : 457306.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.396+/-0.000 χ^2/NDF : 784999.4/21

asym_dsl_mean vs Slug, Sign Corrected



Right In: -20.337+/-46.717 χ^2 /NDF: 7.1/9

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

Right Out: -16.196+/-44.341 χ^2 /NDF: 10.7/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

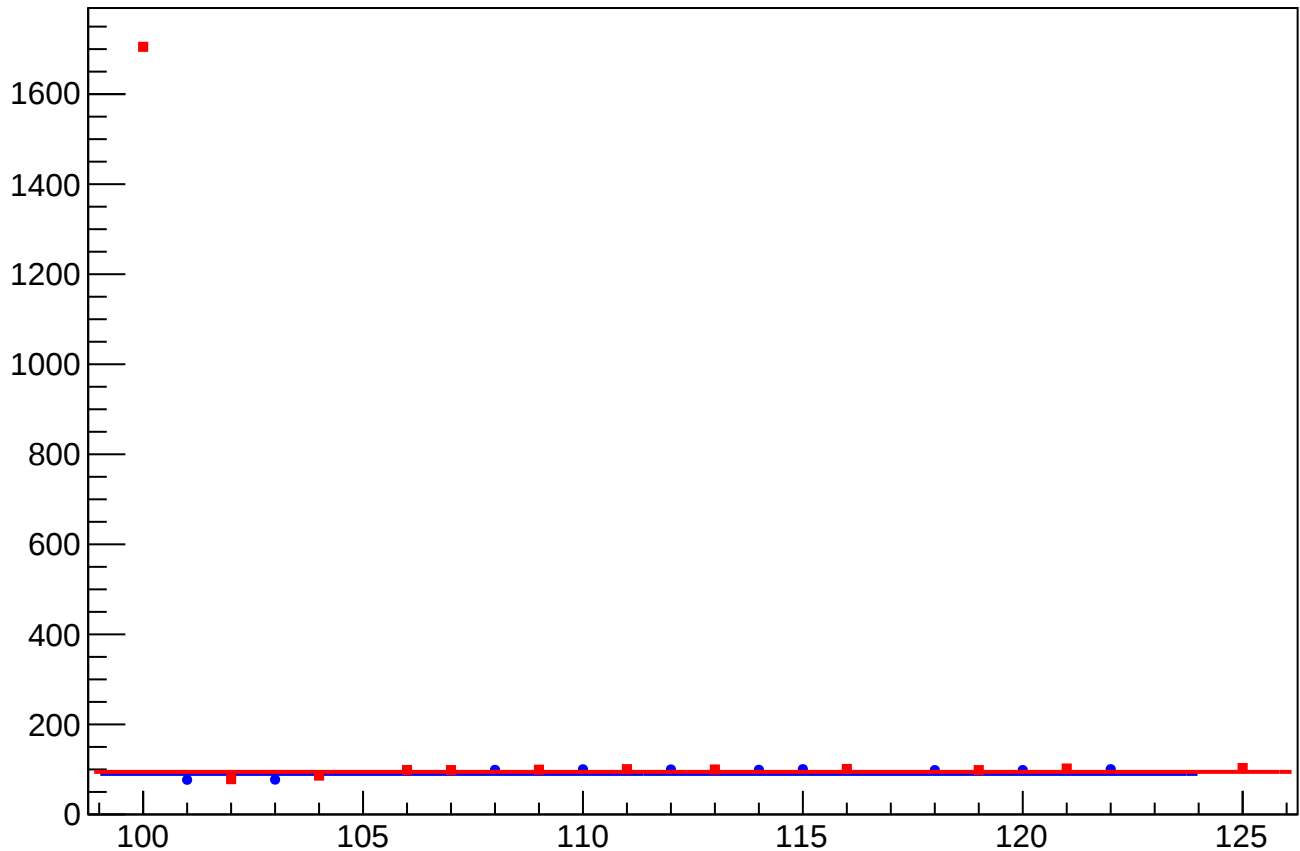
Right: -18.159+/-32.161 χ^2 /NDF: 17.8/21

In: -20.337+/-46.717 χ^2 /NDF:7.1/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -18.159+/-32.161 χ^2 /NDF: 17.8/21

asym_dsl_rms vs Slug, Sign Corrected



Right In: 90.088+/-0.033 χ^2/NDF : 112764.7/9

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

Right Out: 94.577+/-0.031 χ^2/NDF : 203273.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

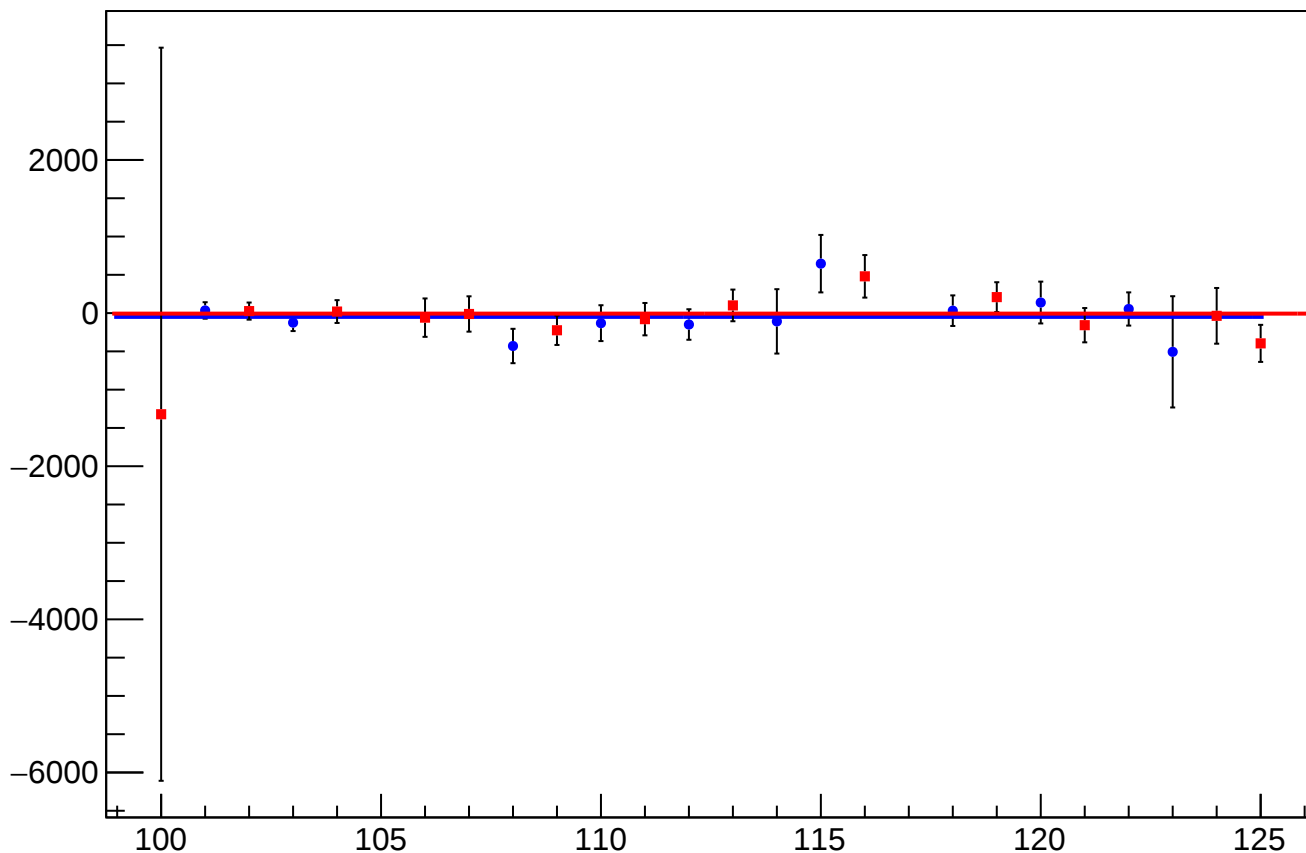
Right: 92.450+/-0.023 χ^2/NDF : 325753.9/21

In: 90.088+/-0.033 χ^2/NDF : 112764.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.450+/-0.023 χ^2/NDF : 325753.9/21

reg_asym_dsr_mean vs Slug, Sign Corrected



Right In: -49.423+/-57.082 χ^2/NDF : 9.0/10

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

Right Out: -6.883+/-56.192 χ^2/NDF : 9.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

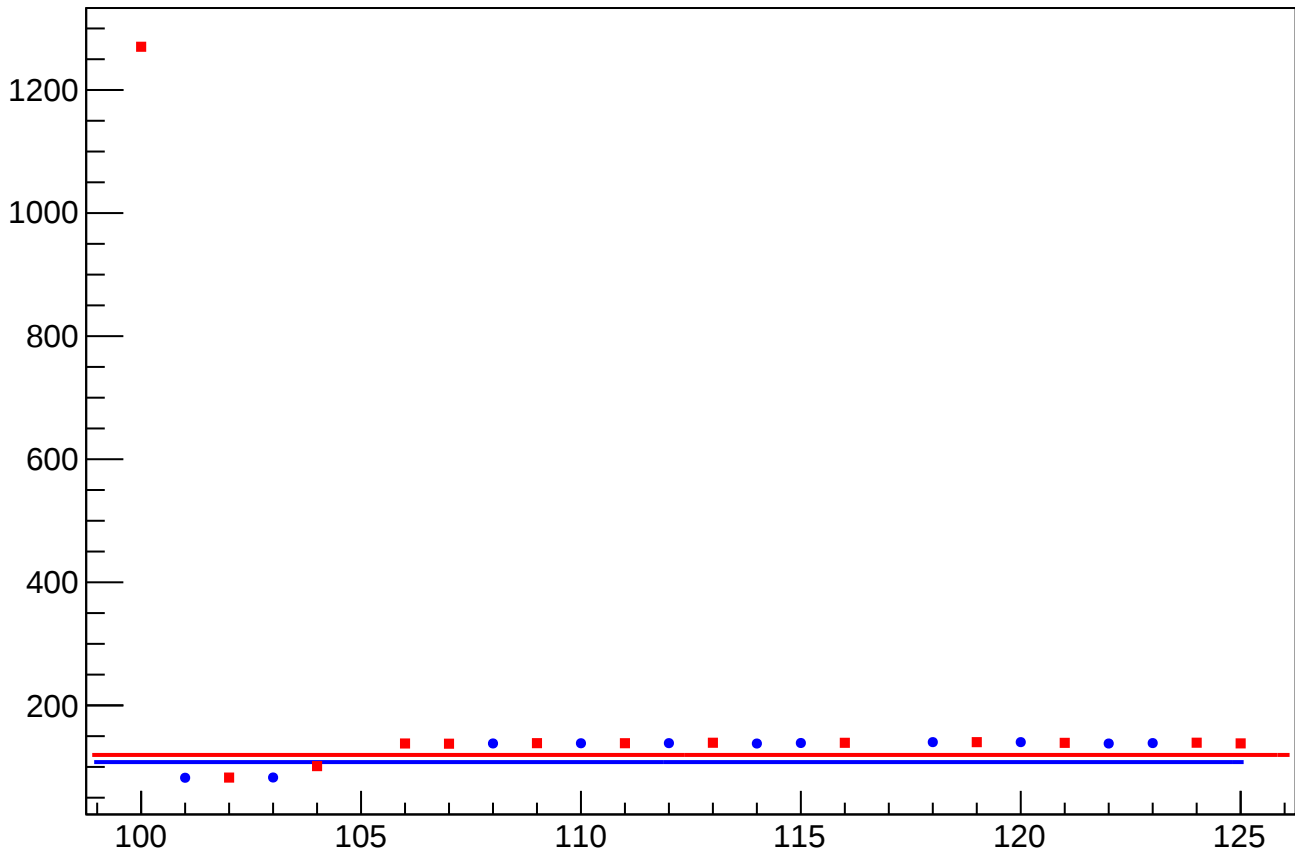
Right: -27.819+/-40.045 χ^2/NDF : 18.6/23

In: -49.423+/-57.082 χ^2/NDF : 9.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.819+/-40.045 χ^2/NDF : 18.6/23

reg_asym_dsr_rms vs Slug, Sign Corrected



Right In: 107.861+/-0.040 χ^2/NDF : 481380.1/10

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

Right Out: 119.480+/-0.040 χ^2/NDF : 506380.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

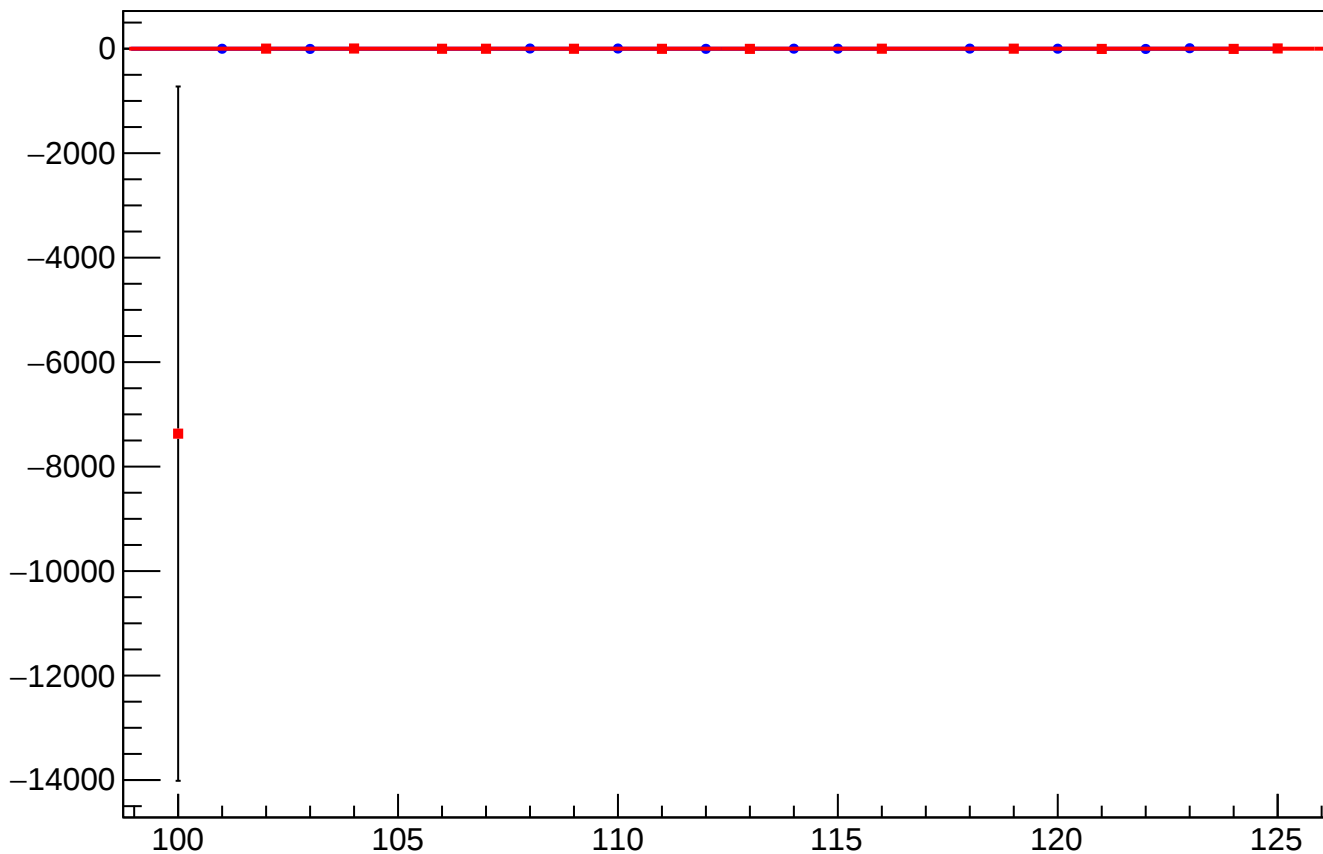
Right: 113.762+/-0.028 χ^2/NDF : 1029844.3/23

In: 107.861+/-0.040 χ^2/NDF : 481380.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.762+/-0.028 χ^2/NDF : 1029844.3/23

asym_dsr_correction_mean vs Slug, Sign Corrected



Right In: -1.191+/-0.992 χ^2/NDF : 8.0/10

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

Right Out: 0.158+/-1.006 χ^2/NDF : 7.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

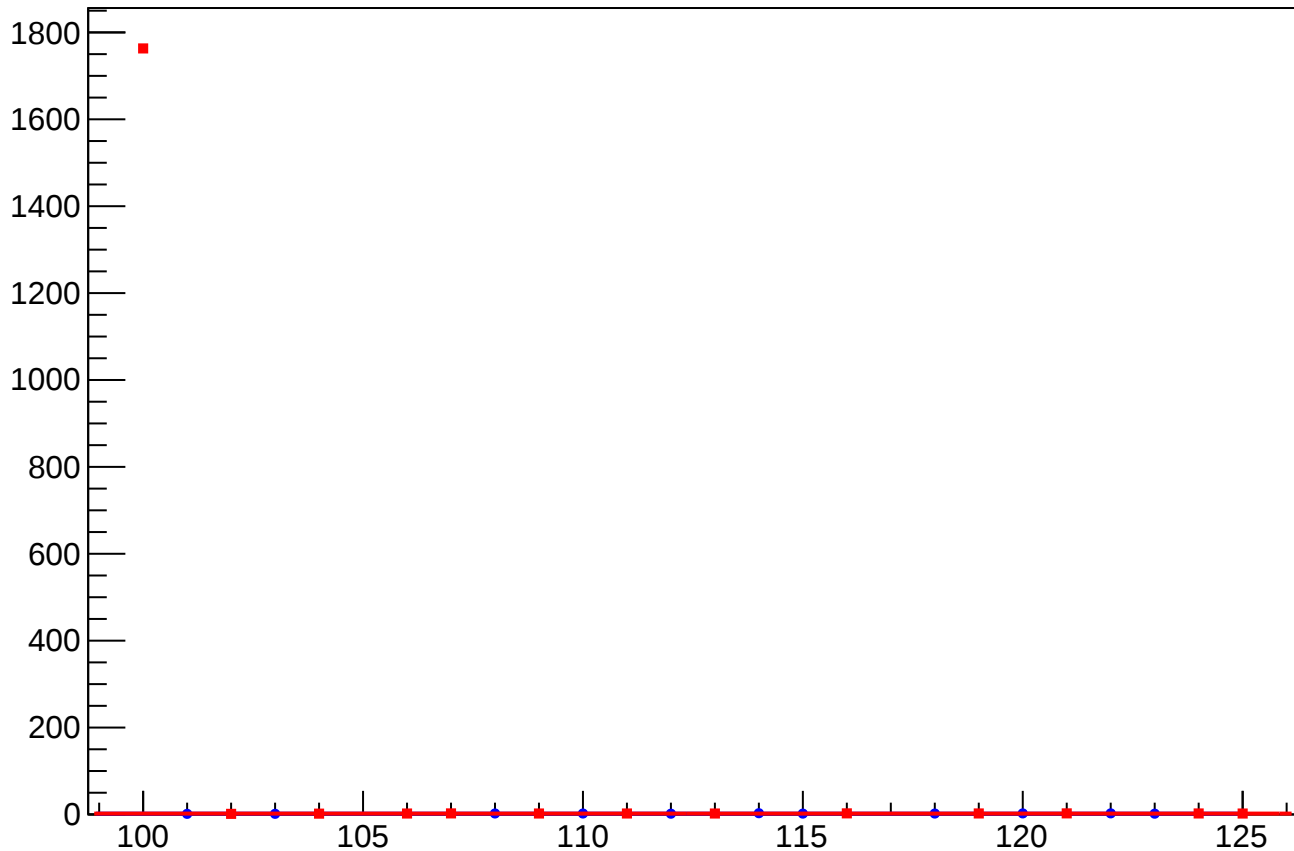
Right: -0.526+/-0.706 χ^2/NDF : 16.6/23

In: -1.191+/-0.992 χ^2/NDF : 8.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.526+/-0.706 χ^2/NDF : 16.6/23

asym_dsr_correction_rms vs Slug, Sign Corrected



Right In: 1.744+/-0.001 χ^2/NDF : 328641.0/10

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

Right Out: 1.987+/-0.001 χ^2/NDF : 452510.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

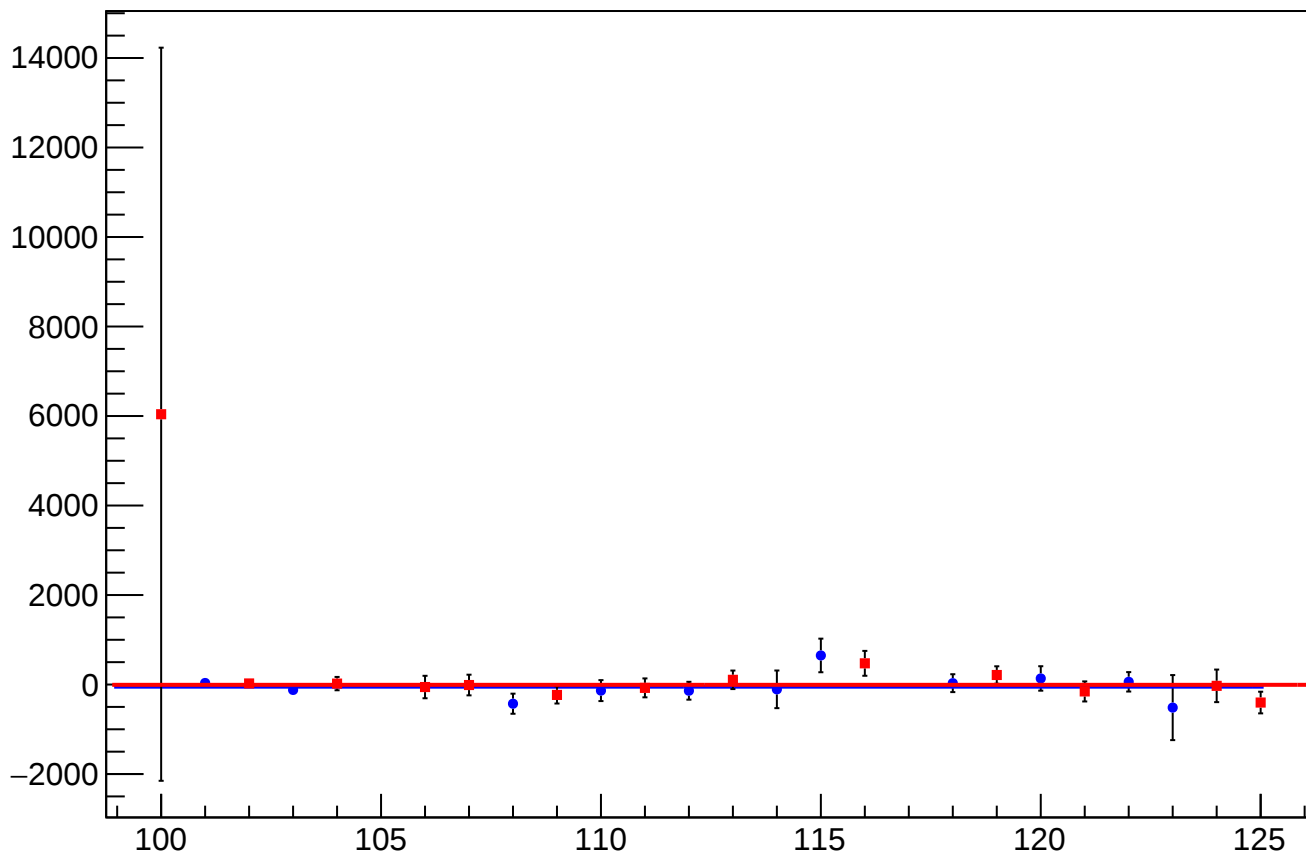
Right: 1.864+/-0.000 χ^2/NDF : 840615.5/23

In: 1.744+/-0.001 χ^2/NDF : 328641.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.864+/-0.000 χ^2/NDF : 840615.5/23

asym_dsr_mean vs Slug, Sign Corrected



Right In: -47.219+/-57.097 χ^2/NDF : 9.0/10

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

Right Out: -6.415+/-56.210 χ^2/NDF : 9.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

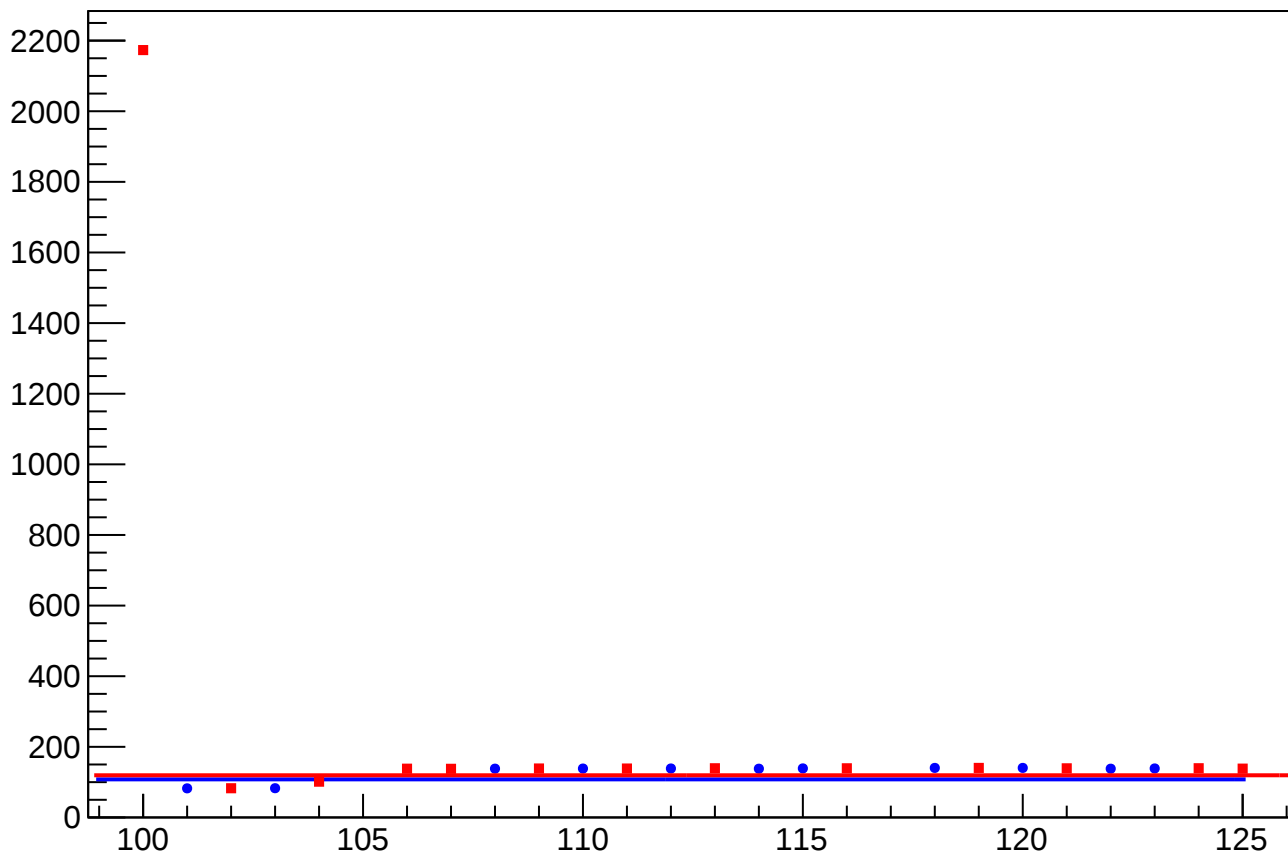
Right: -26.497+/-40.056 χ^2/NDF : 19.1/23

In: -47.219+/-57.097 χ^2/NDF : 9.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.497+/-40.056 χ^2/NDF : 19.1/23

asym_dsr_rms vs Slug, Sign Corrected



Right In: 107.889+/-0.040 χ^2/NDF : 481370.5/10

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

Right Out: 119.450+/-0.040 χ^2/NDF : 516546.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

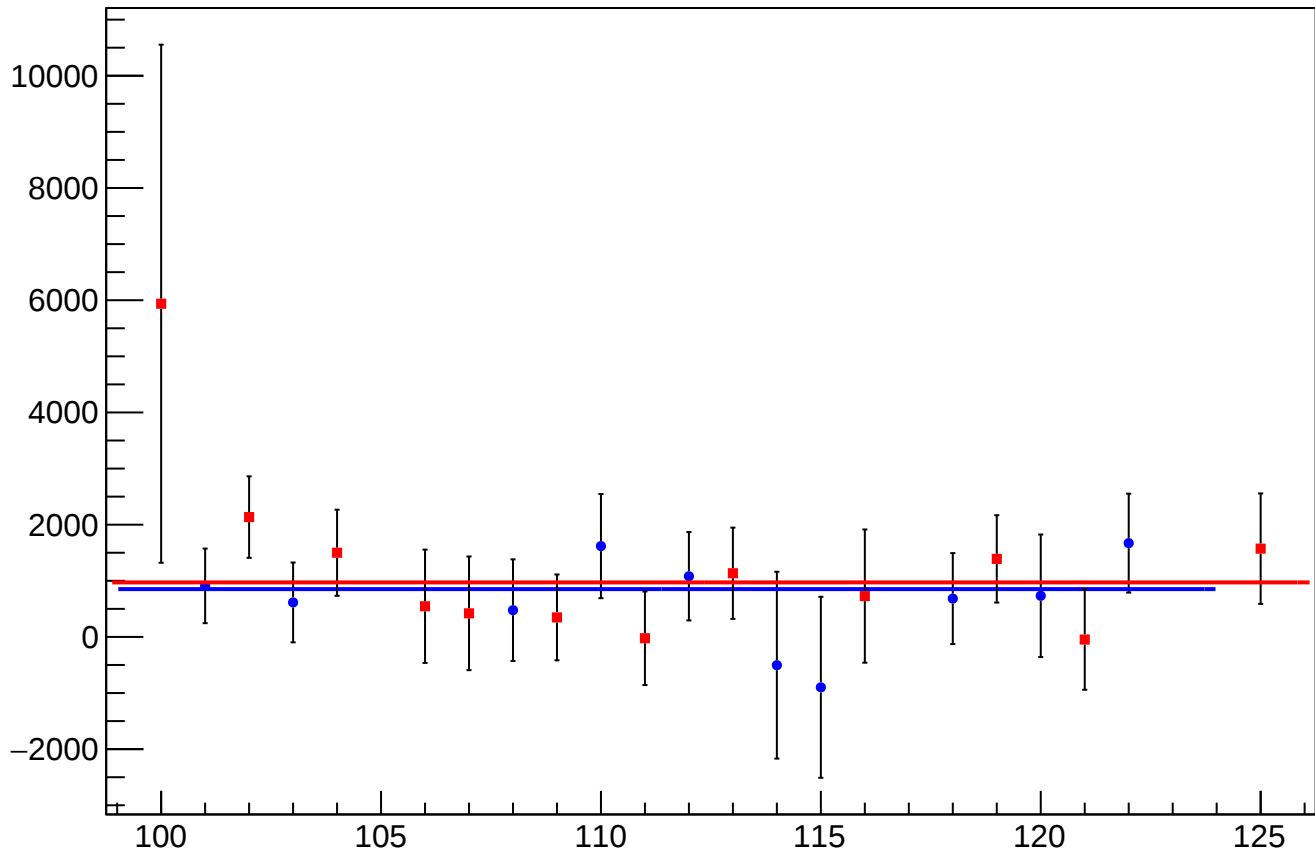
Right: 113.760+/-0.028 χ^2/NDF : 1039557.2/23

In: 107.889+/-0.040 χ^2/NDF : 481370.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.760+/-0.028 χ^2/NDF : 1039557.2/23

reg_asym_left_avg_mean vs Slug, Sign Corrected



Right In: 851.959+/-281.402 χ^2/NDF : 3.8/9

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

Right Out: 971.592+/-259.085 χ^2/NDF : 8.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

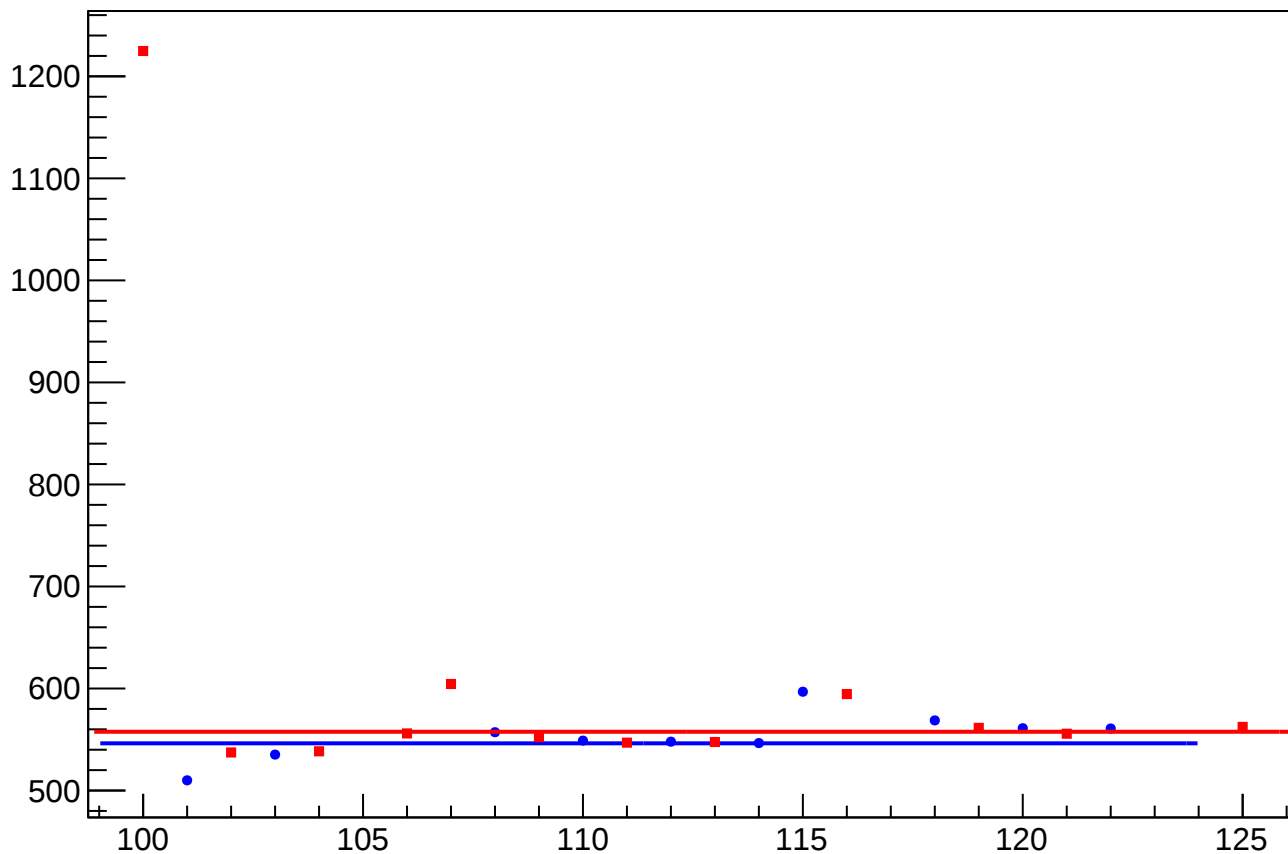
Right: 916.707+/-190.603 χ^2/NDF : 12.7/21

In: 851.959+/-281.402 χ^2/NDF : 3.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 916.707+/-190.603 χ^2/NDF : 12.7/21

reg_asym_left_avg_rms vs Slug, Sign Corrected



Right In: 546.269+/-0.199 χ^2/NDF : 11164.9/9

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

Right Out: 557.599+/-0.183 χ^2/NDF : 51638.3/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

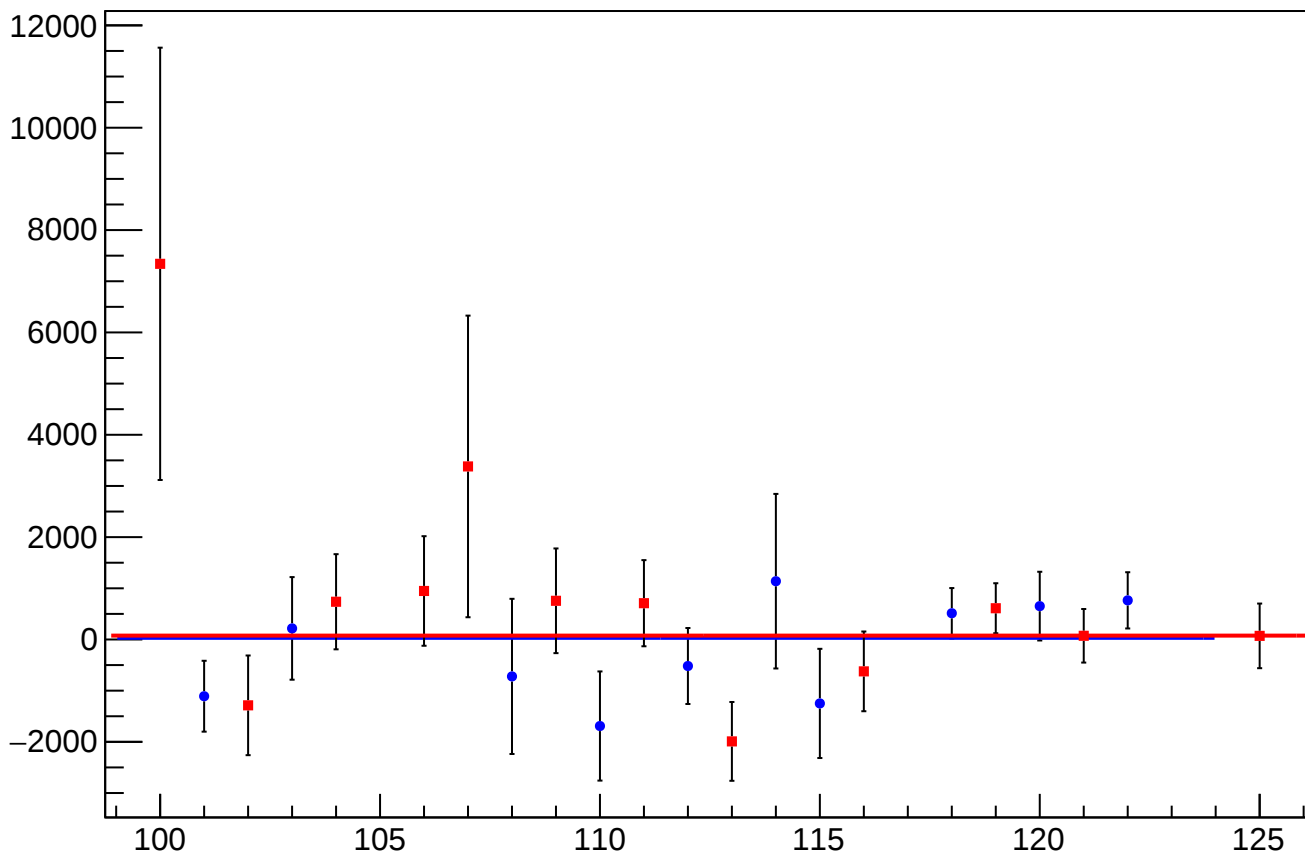
Right: 552.401+/-0.135 χ^2/NDF : 64557.8/21

In: 546.269+/-0.199 χ^2/NDF : 11164.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 552.401+/-0.135 χ^2/NDF : 64557.8/21

asym_left_avg_correction_mean vs Slug, Sign Corrected



Right In: 32.685+/-241.834 χ^2/NDF : 11.6/9

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

Right Out: 75.716+/-227.591 χ^2/NDF : 17.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

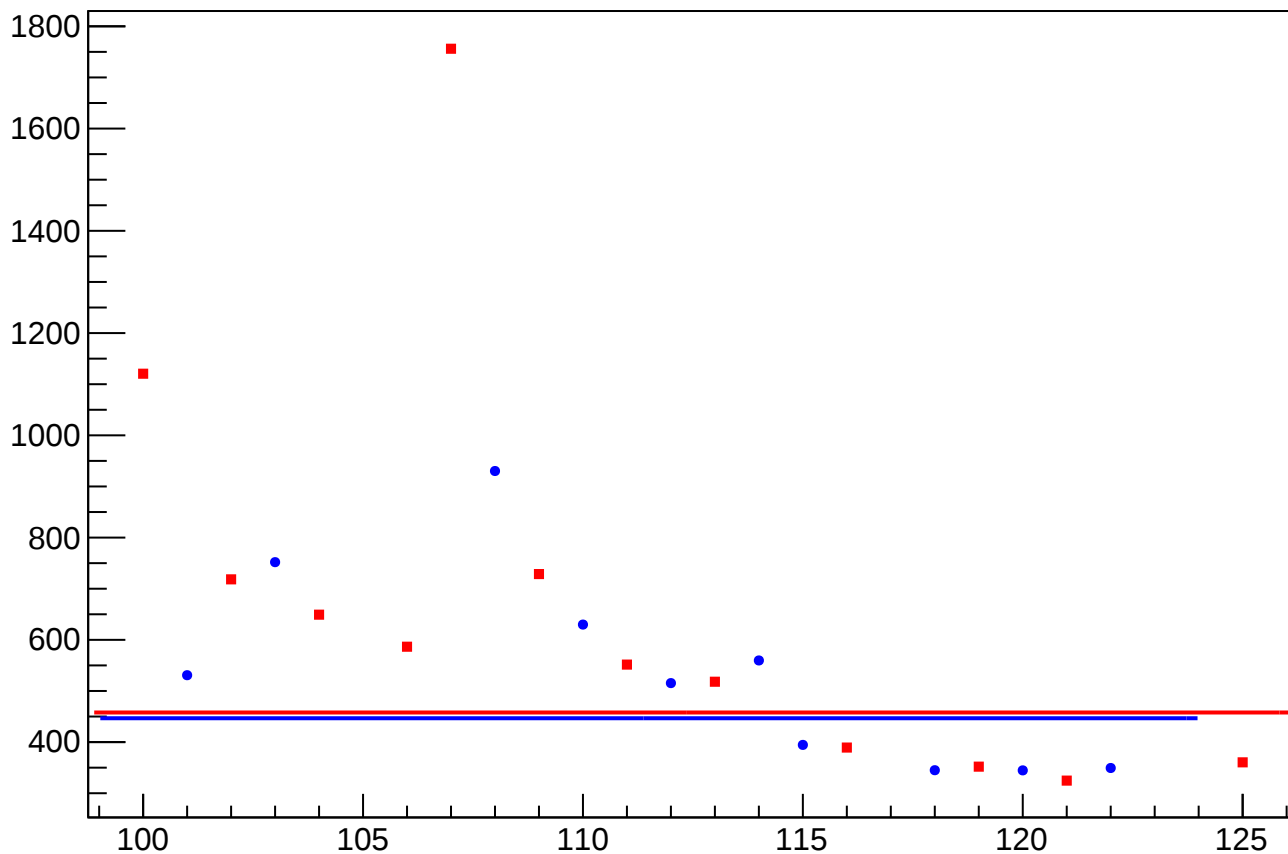
Right: 55.505+/-165.737 χ^2/NDF : 29.2/21

In: 32.685+/-241.834 χ^2/NDF : 11.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.505+/-165.737 χ^2/NDF : 29.2/21

asym_left_avg_correction_rms vs Slug, Sign Corrected



Right In: 446.658+/-0.171 χ^2/NDF : 702623.8/9

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

Right Out: 457.910+/-0.161 χ^2/NDF : 1157950.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

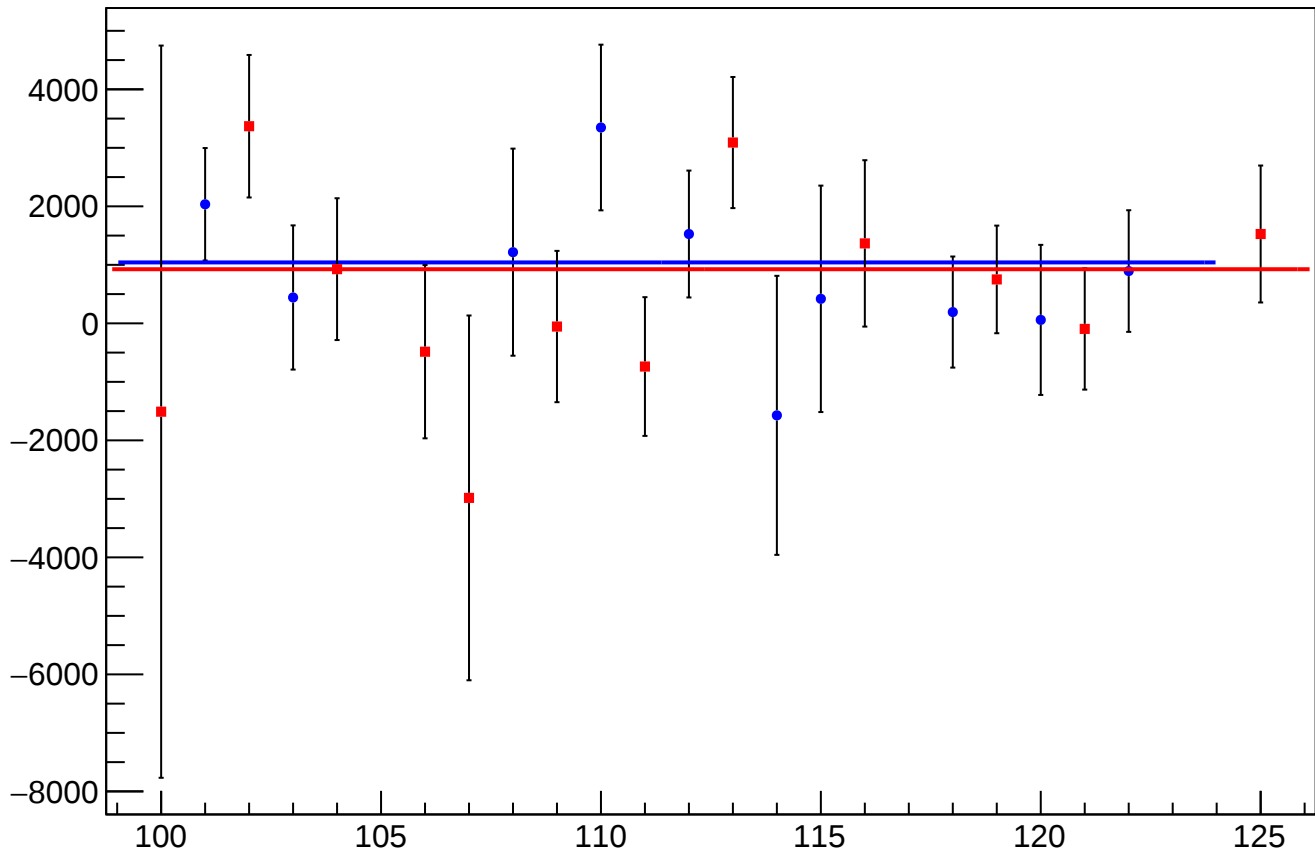
Right: 452.625+/-0.117 χ^2/NDF : 1862870.0/21

In: 446.658+/-0.171 χ^2/NDF : 702623.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 452.625+/-0.117 χ^2/NDF : 1862870.0/21

asym_left_avg_mean vs Slug, Sign Corrected



Right In: 1041.404+/-392.366 χ^2/NDF : 6.9/9

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

Right Out: 925.152+/-368.092 χ^2/NDF : 14.3/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

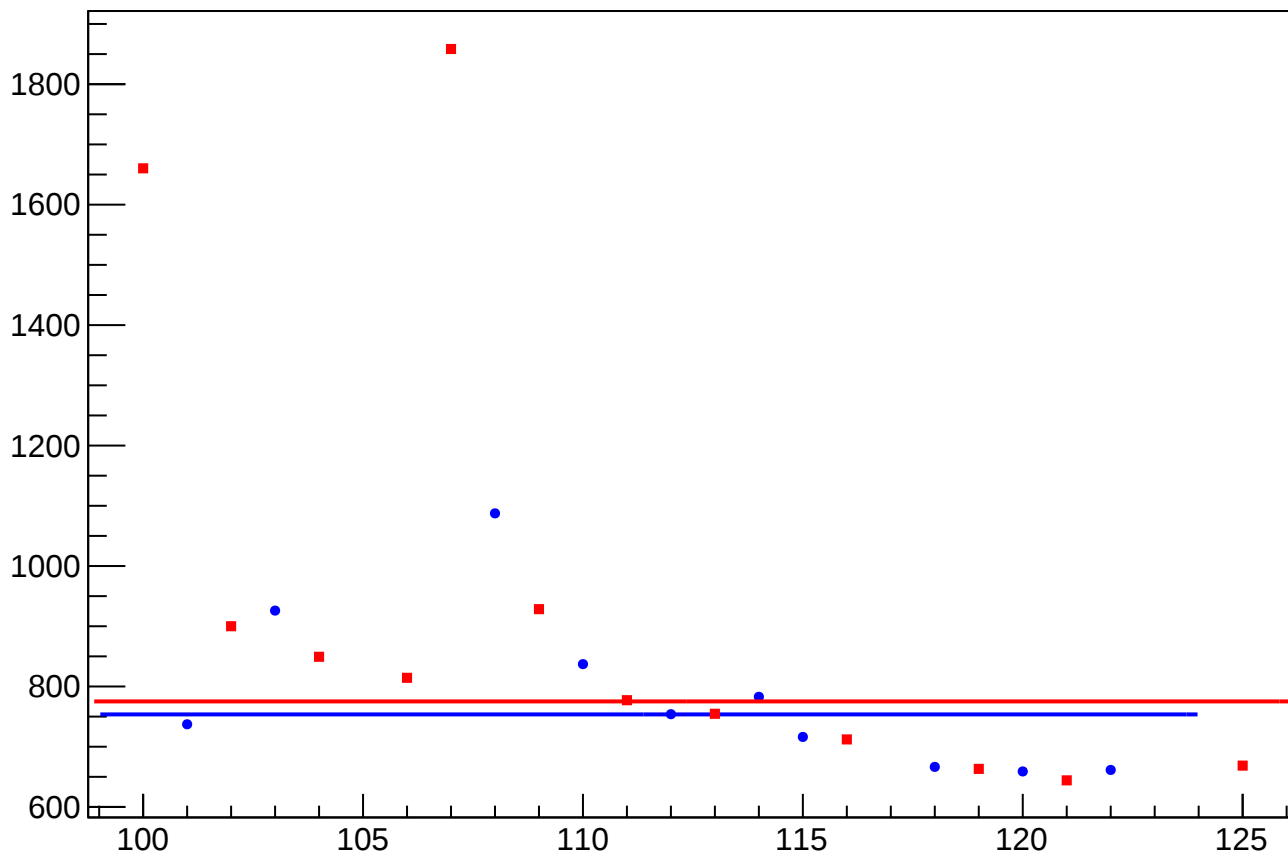
Right: 979.571+/-268.452 χ^2/NDF : 21.2/21

In: 1041.404+/-392.366 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 979.571+/-268.452 χ^2/NDF : 21.2/21

asym_left_avg_rms vs Slug, Sign Corrected



Right In: 753.621+/-0.277 χ^2/NDF : 162336.6/9

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

Right Out: 775.208+/-0.260 χ^2/NDF : 422202.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

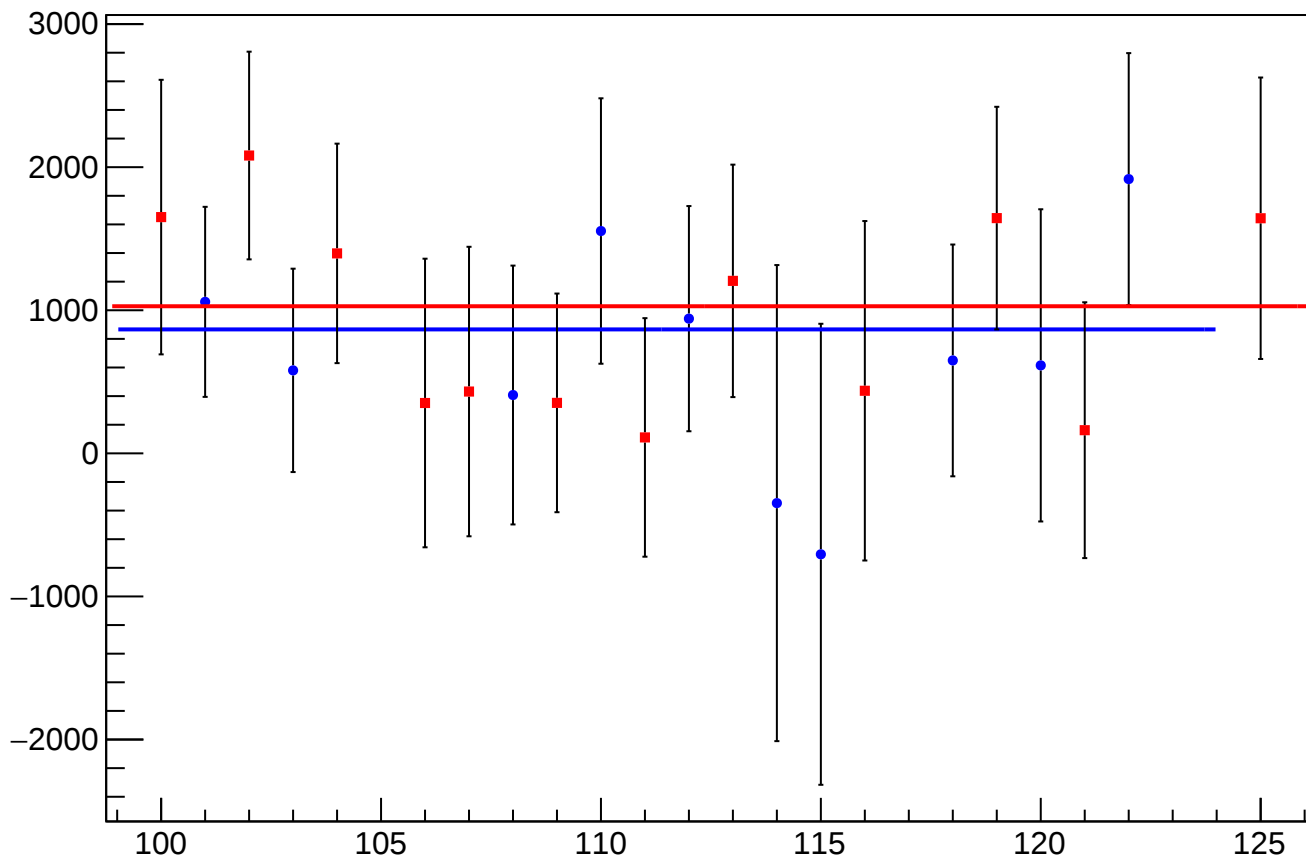
Right: 765.103+/-0.190 χ^2/NDF : 587759.3/21

In: 753.621+/-0.277 χ^2/NDF : 162336.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 765.103+/-0.190 χ^2/NDF : 587759.3/21

reg_asym_left_dd_mean vs Slug, Sign Corrected



Right In: 866.216+/-281.180 χ^2/NDF : 4.1/9

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

Right Out: 1028.071+/-250.302 χ^2/NDF : 7.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

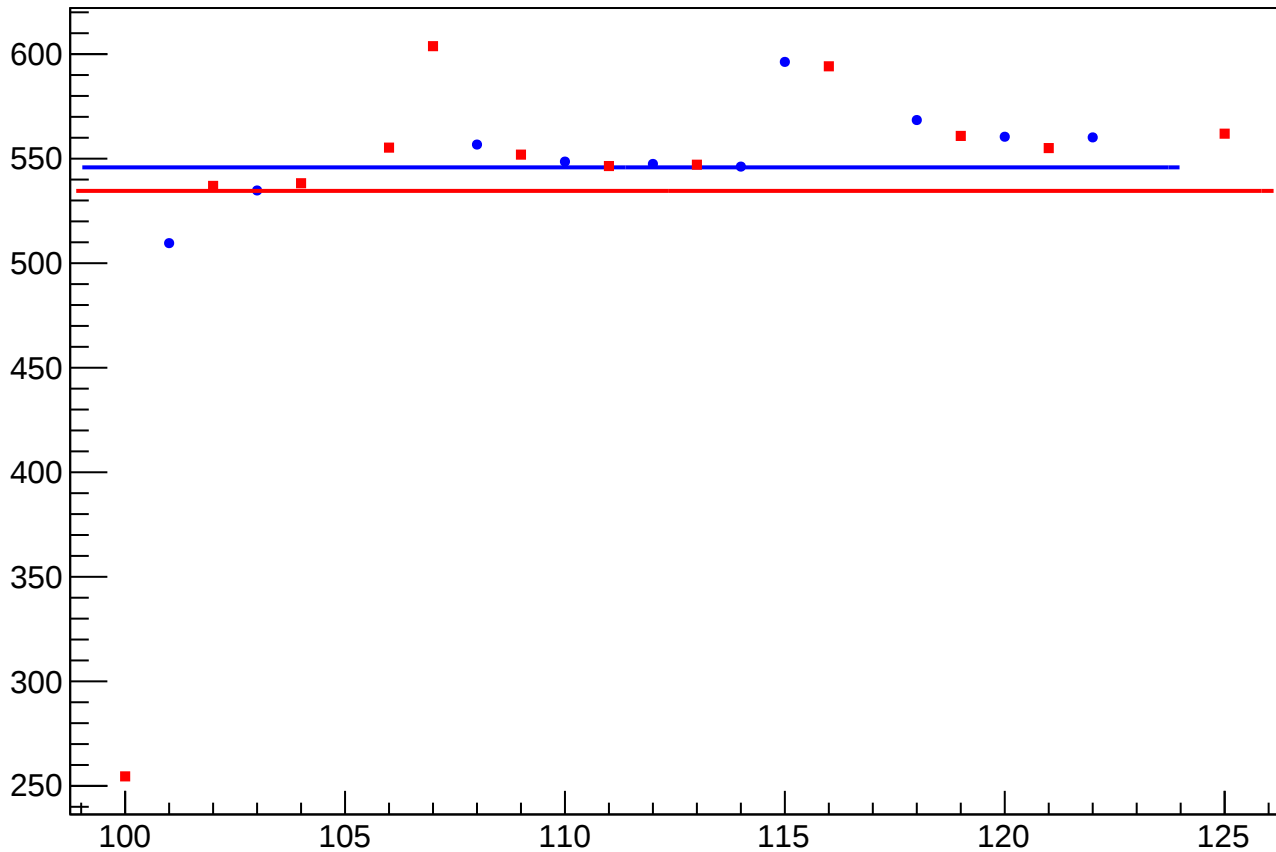
Right: 956.515+/-186.958 χ^2/NDF : 12.1/21

In: 866.216+/-281.180 χ^2/NDF : 4.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 956.515+/-186.958 χ^2/NDF : 12.1/21

reg_asym_left_dd_rms vs Slug, Sign Corrected



Right In: 545.838+/-0.199 χ^2/NDF : 11171.5/9

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

Right Out: 534.585+/-0.177 χ^2/NDF : 192509.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

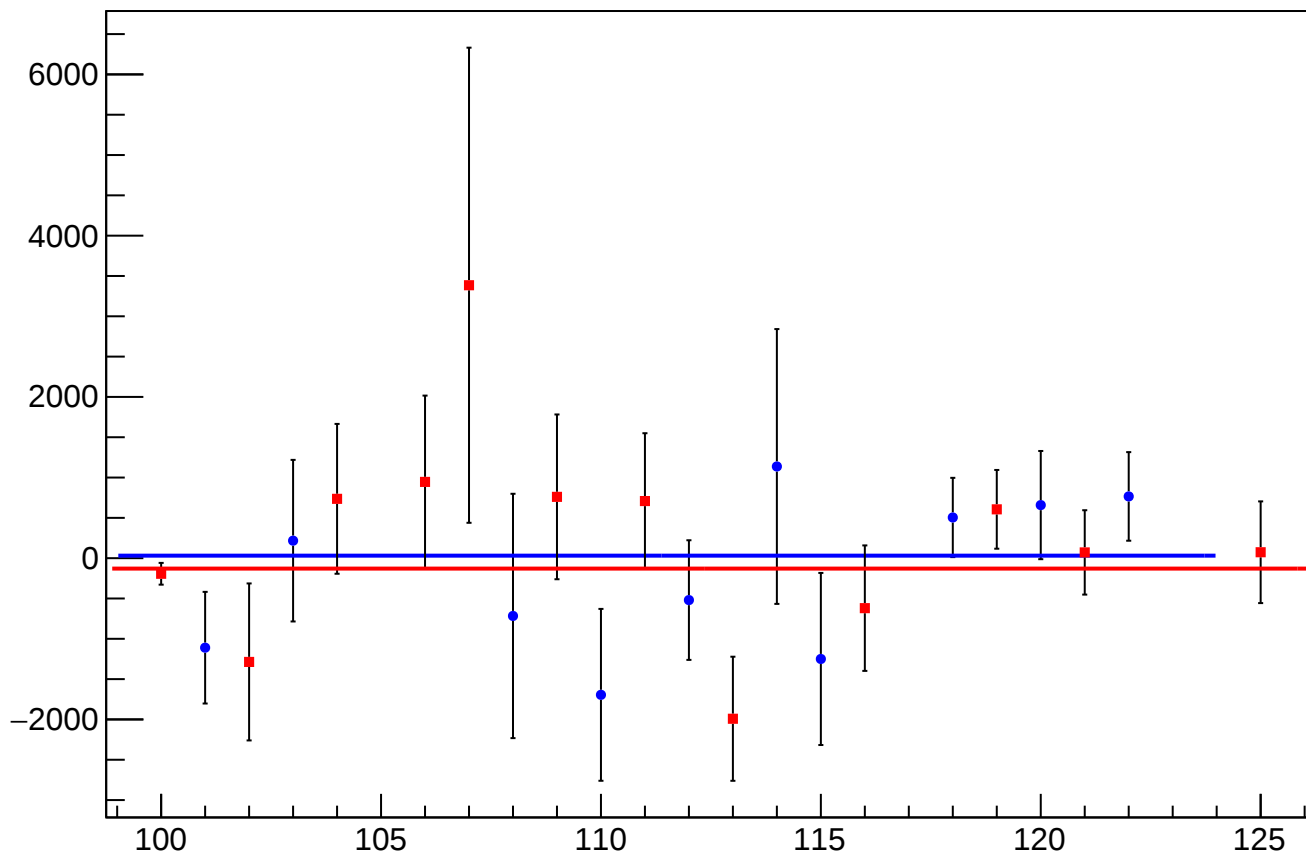
Right: 539.560+/-0.132 χ^2/NDF : 205468.6/21

In: 545.838+/-0.199 χ^2/NDF : 11171.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 539.560+/-0.132 χ^2/NDF : 205468.6/21

asym_left_dd_correction_mean vs Slug, Sign Corrected



Right In: 31.306+/-241.754 χ^2/NDF : 11.6/9

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

Right Out: -129.209+/-116.114 χ^2/NDF : 15.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

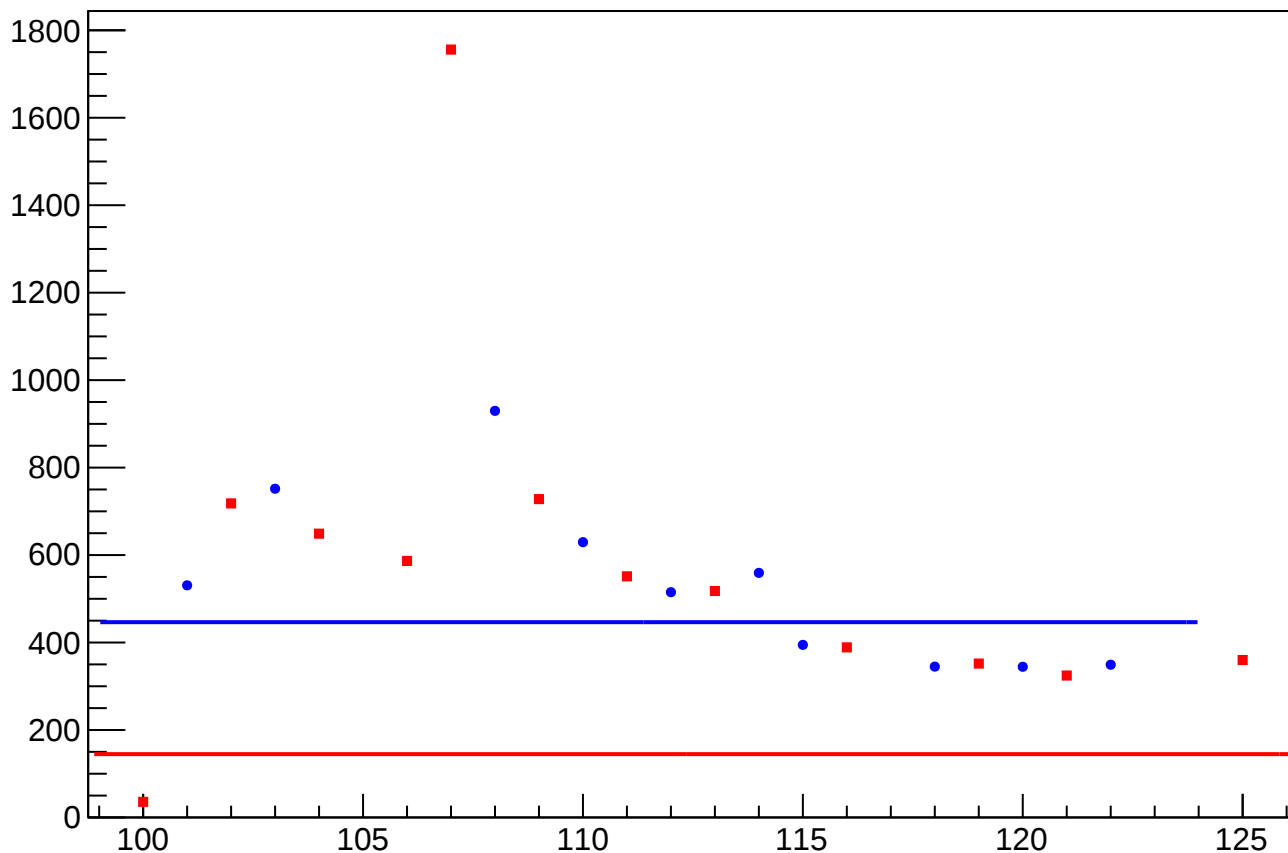
Right: -99.121+/-104.667 χ^2/NDF : 27.4/21

In: 31.306+/-241.754 χ^2/NDF : 11.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -99.121+/-104.667 χ^2/NDF : 27.4/21

asym_left_dd_correction_rms vs Slug, Sign Corrected



Right In: 446.524+/-0.171 χ^2/NDF : 702384.0/9

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

Right Out: 144.821+/-0.082 χ^2/NDF : 6142095.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

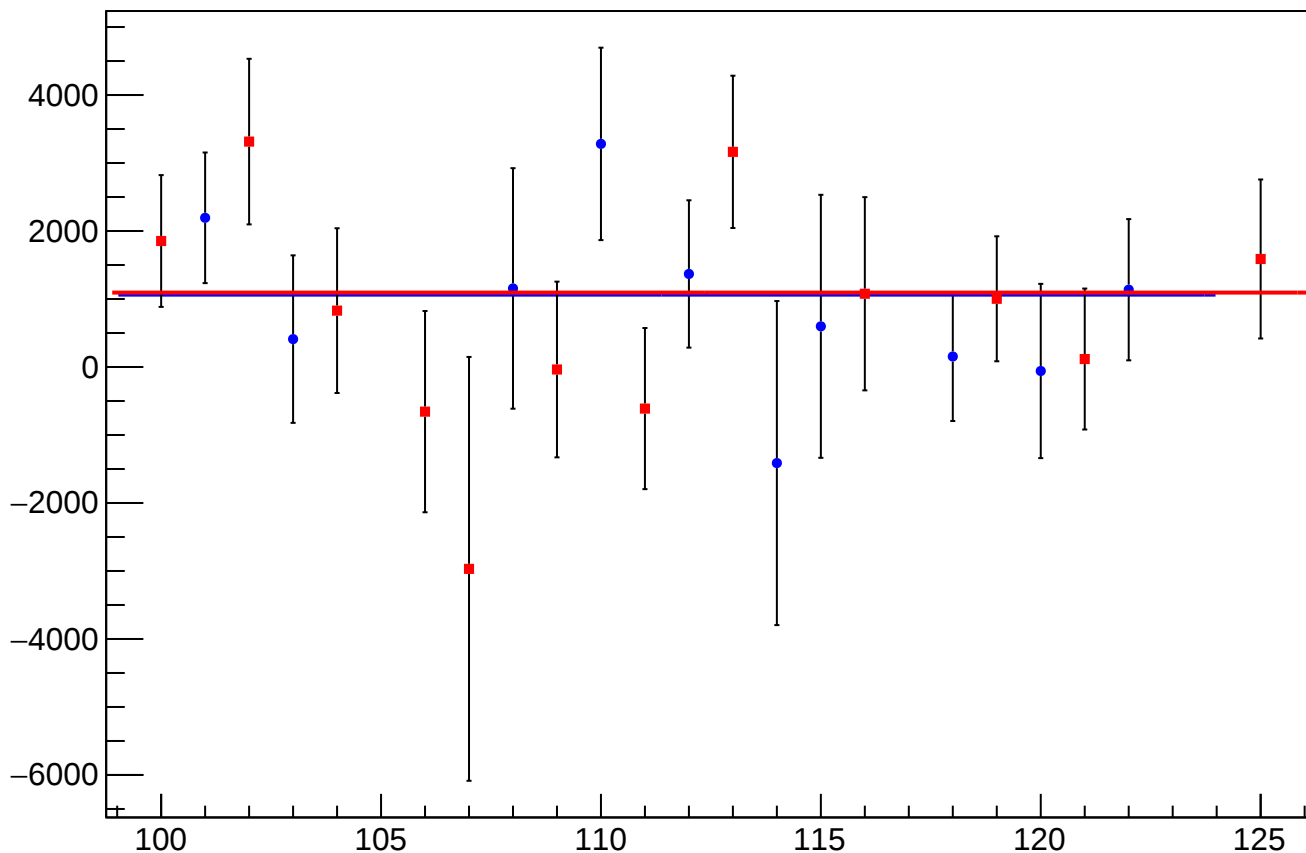
Right: 201.374+/-0.074 χ^2/NDF : 9375498.5/21

In: 446.524+/-0.171 χ^2/NDF : 702384.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 201.374+/-0.074 χ^2/NDF : 9375498.5/21

asym_left_dd_mean vs Slug, Sign Corrected



Right In: 1064.315+/-392.120 χ^2/NDF : 7.0/9

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

Right Out: 1094.314+/-344.413 χ^2/NDF : 14.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

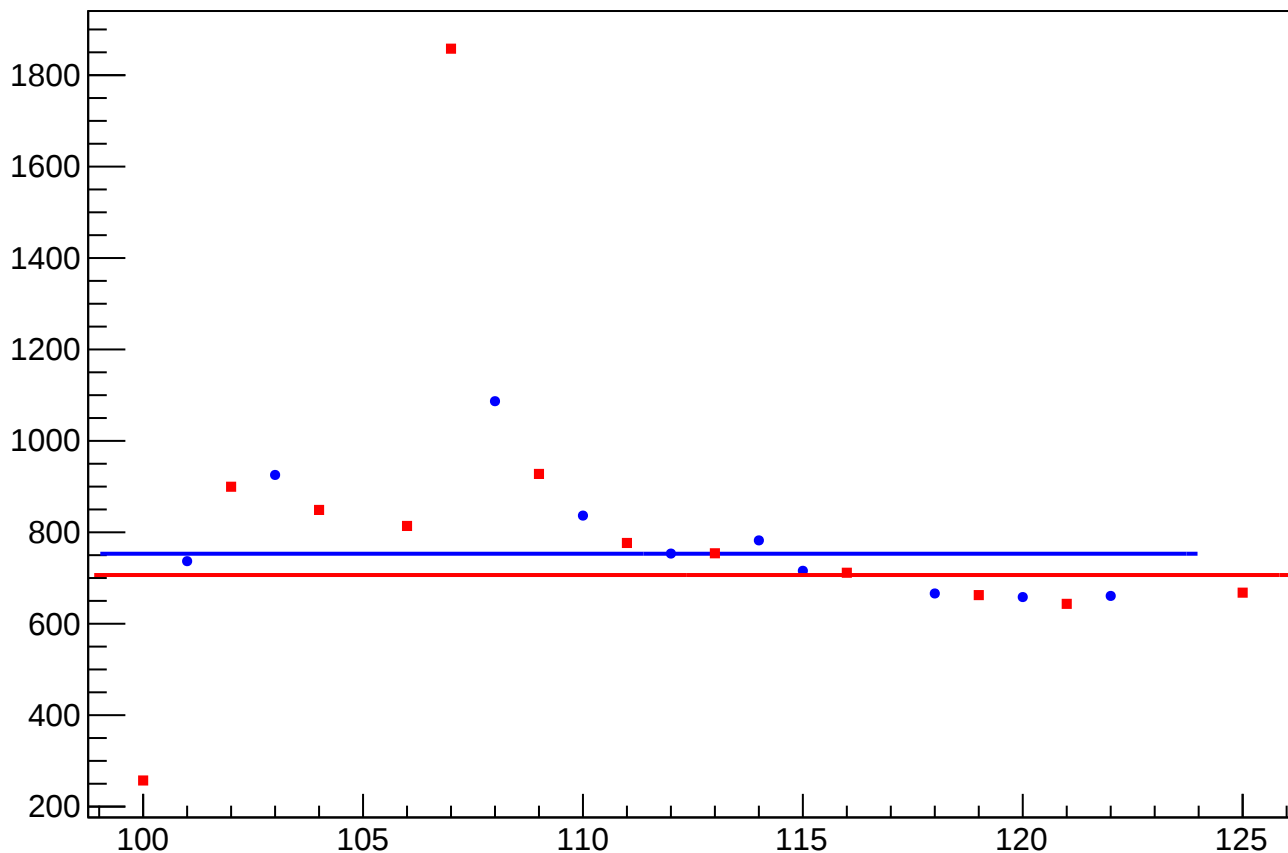
Right: 1081.250+/-258.769 χ^2/NDF : 21.5/21

In: 1064.315+/-392.120 χ^2/NDF : 7.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1081.250+/-258.769 χ^2/NDF : 21.5/21

asym_left_dd_rms vs Slug, Sign Corrected



Right In: 753.146+/-0.277 χ^2/NDF : 162440.8/9

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

Right Out: 706.586+/-0.244 χ^2/NDF : 874934.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

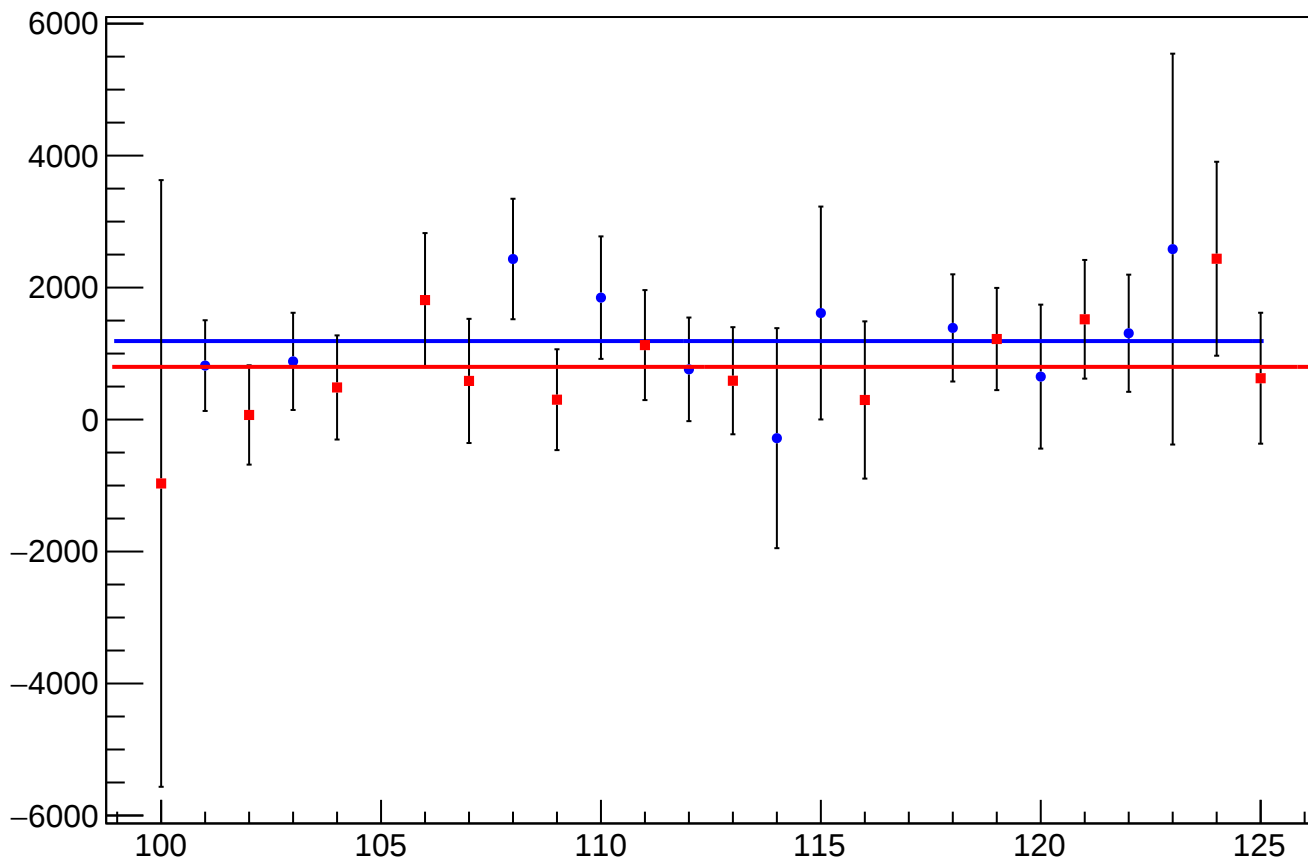
Right: 726.862+/-0.183 χ^2/NDF : 1053292.8/21

In: 753.146+/-0.277 χ^2/NDF : 162440.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 726.862+/-0.183 χ^2/NDF : 1053292.8/21

reg_asym_right_avg_mean vs Slug, Sign Corrected



Right In: 1189.440+/-283.683 χ^2/NDF : 4.5/10

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

Right Out: 798.460+/-255.849 χ^2/NDF : 5.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

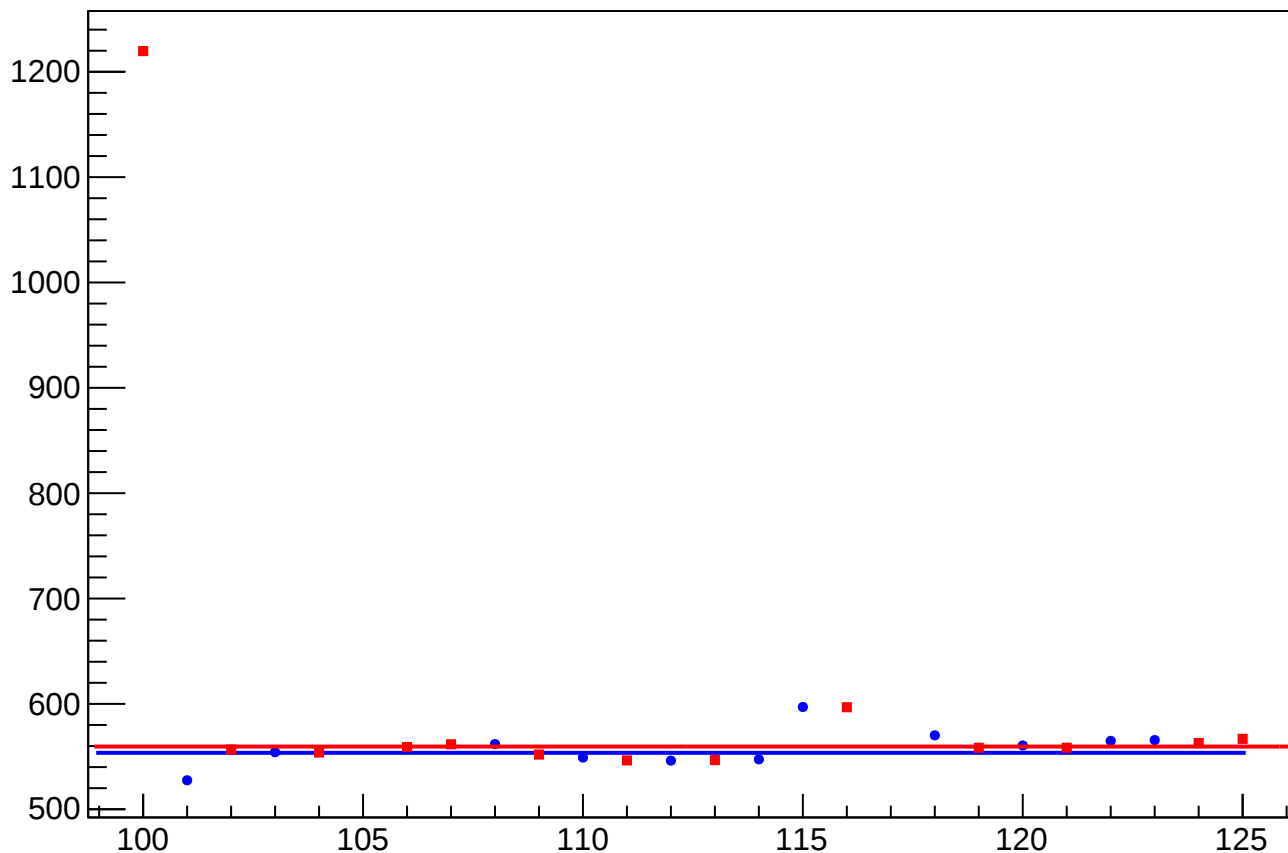
Right: 973.833+/-189.993 χ^2/NDF : 10.9/23

In: 1189.440+/-283.683 χ^2/NDF : 4.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 973.833+/-189.993 χ^2/NDF : 10.9/23

reg_asym_right_avg_rms vs Slug, Sign Corrected



Right In: 553.549+/-0.201 χ^2/NDF : 6027.1/10

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

Right Out: 559.491+/-0.181 χ^2/NDF : 44671.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

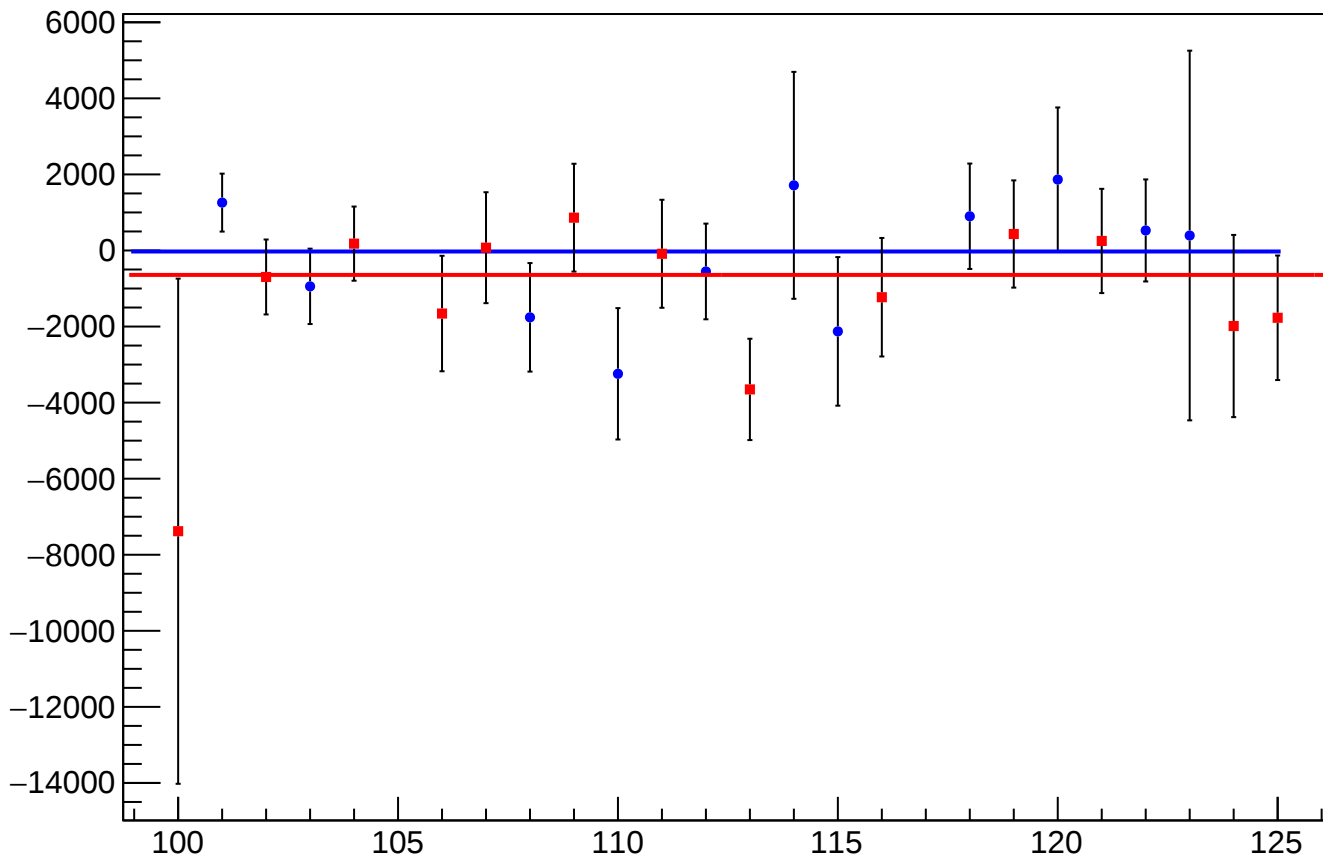
Right: 556.826+/-0.134 χ^2/NDF : 51182.2/23

In: 553.549+/-0.201 χ^2/NDF : 6027.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 556.826+/-0.134 χ^2/NDF : 51182.2/23

asym_right_avg_correction_mean vs Slug, Sign Corrected



Right In: -26.416 $\pm$ 409.205 χ^2 /NDF: 11.9/10

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

Right Out: -642.293 $\pm$ 390.390 χ^2 /NDF: 10.8/12

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

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

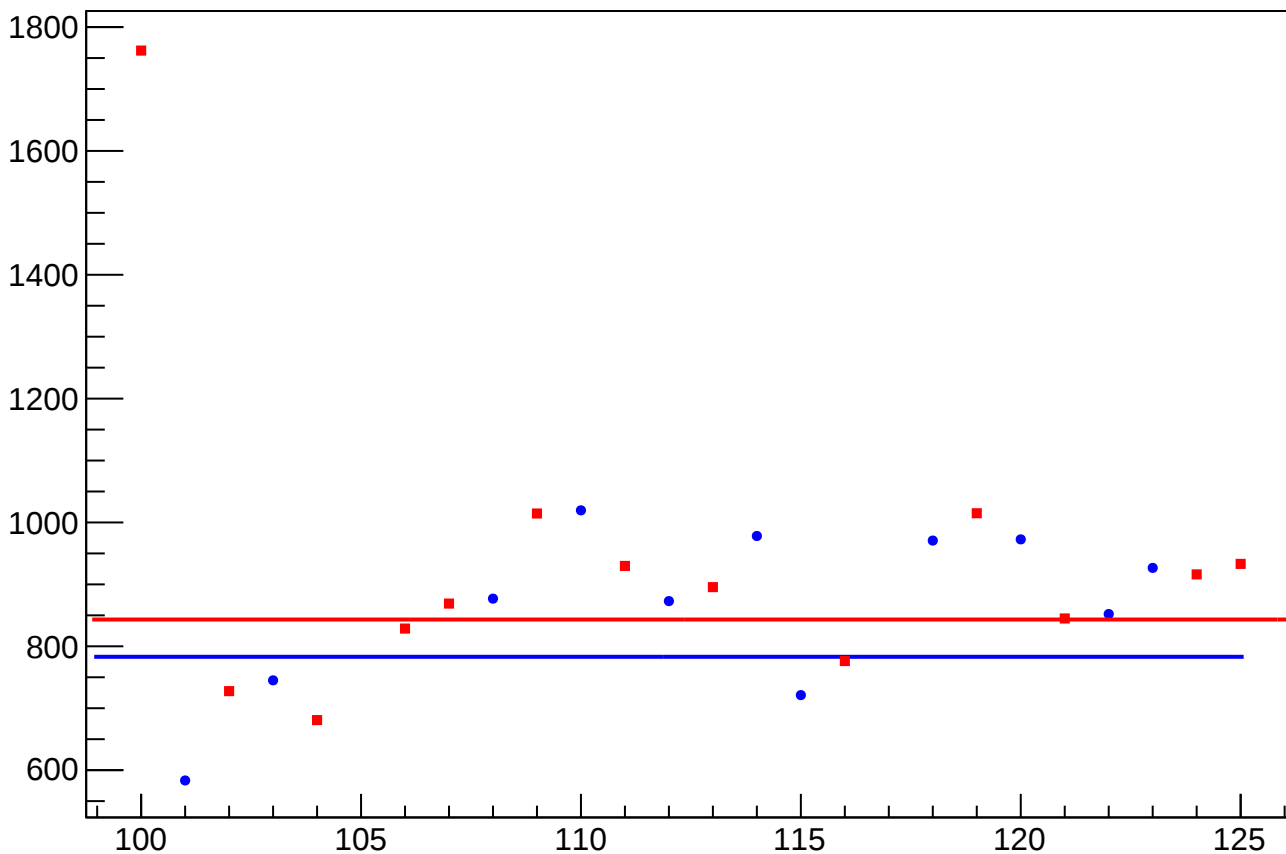
Right: -348.839 $\pm$ 282.465 χ^2 /NDF: 23.9/23

In: -26.416 $\pm$ 409.205 χ^2 /NDF:11.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -348.839 $\pm$ 282.465 χ^2 /NDF: 23.9/23

asym_right_avg_correction_rms vs Slug, Sign Corrected



Right In: 783.056+/-0.289 χ^2/NDF : 271178.9/10

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

Right Out: 843.253+/-0.276 χ^2/NDF : 203081.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

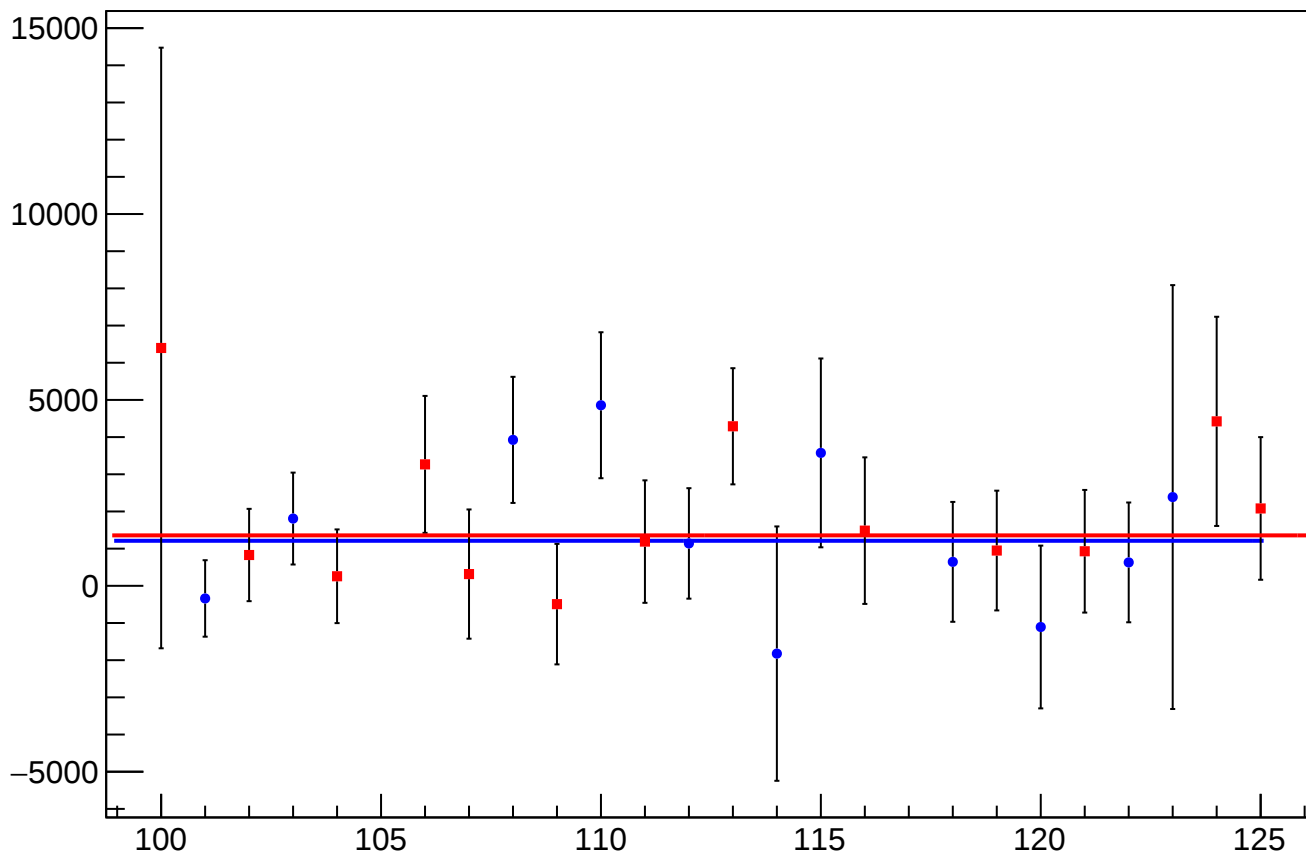
Right: 814.570+/-0.200 χ^2/NDF : 496918.7/23

In: 783.056+/-0.289 χ^2/NDF : 271178.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 814.570+/-0.200 χ^2/NDF : 496918.7/23

asym_right_avg_mean vs Slug, Sign Corrected



Right In: 1211.386+/-505.704 χ^2/NDF : 11.6/10

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

Right Out: 1356.725+/-472.054 χ^2/NDF : 9.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

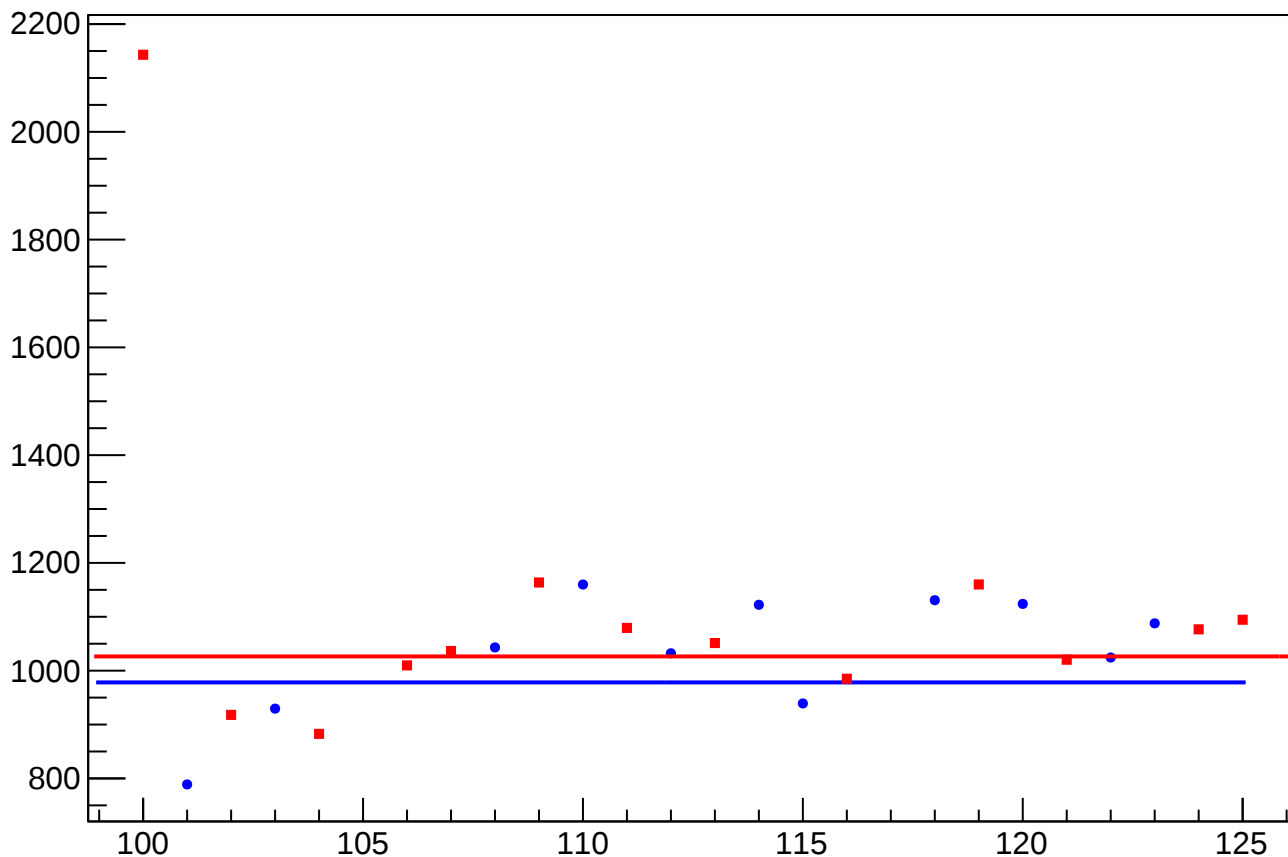
Right: 1289.051+/-345.076 χ^2/NDF : 20.7/23

In: 1211.386+/-505.704 χ^2/NDF : 11.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.051+/-345.076 χ^2/NDF : 20.7/23

asym_right_avg_rms vs Slug, Sign Corrected



Right In: 978.187+/-0.358 χ^2/NDF : 126740.3/10

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

Right Out: 1026.439+/-0.334 χ^2/NDF : 114477.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

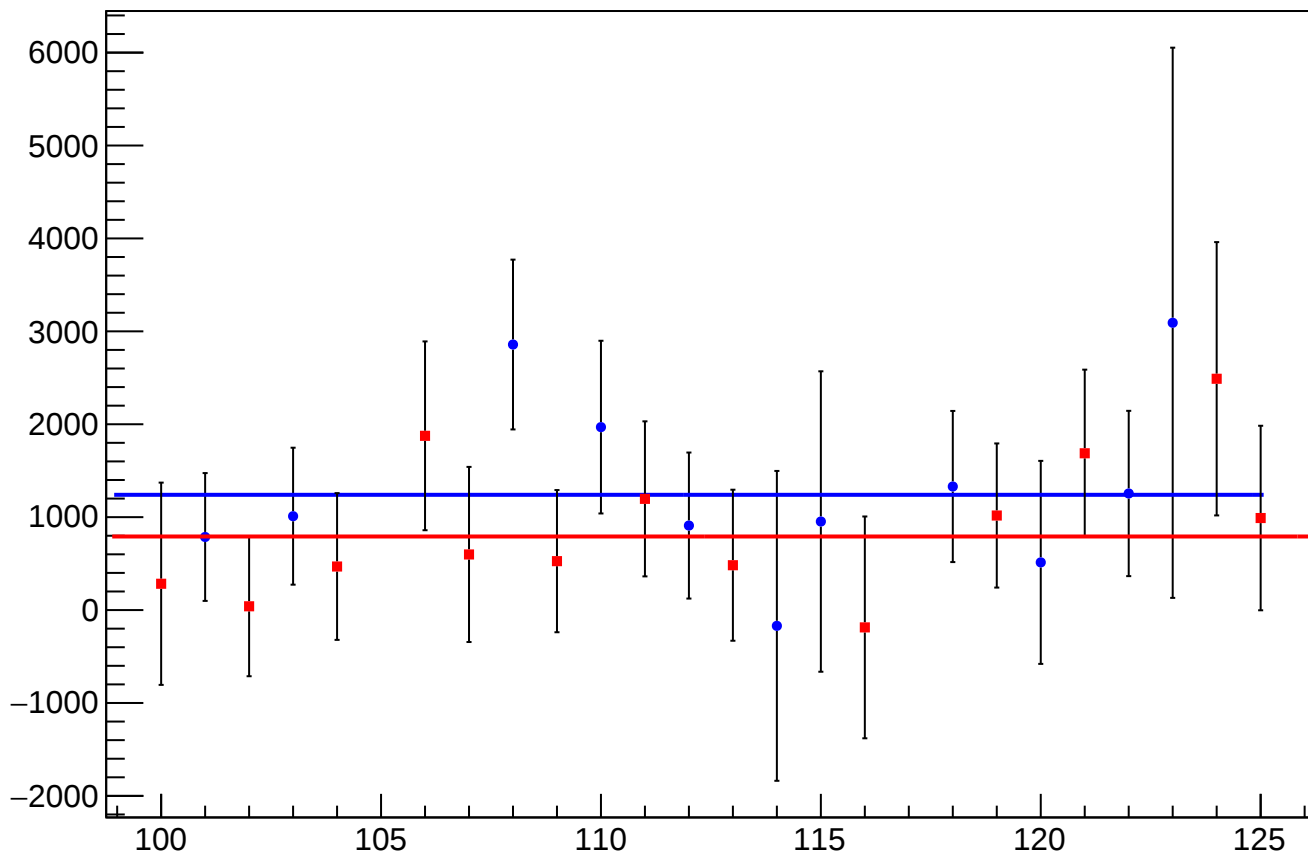
Right: 1003.971+/-0.244 χ^2/NDF : 250948.1/23

In: 978.187+/-0.358 χ^2/NDF : 126740.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1003.971+/-0.244 χ^2/NDF : 250948.1/23

reg_asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1240.502 $\pm$ 284.004 χ^2 /NDF: 6.1/10

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

Right Out: 791.911 $\pm$ 249.701 χ^2 /NDF: 6.2/12

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

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

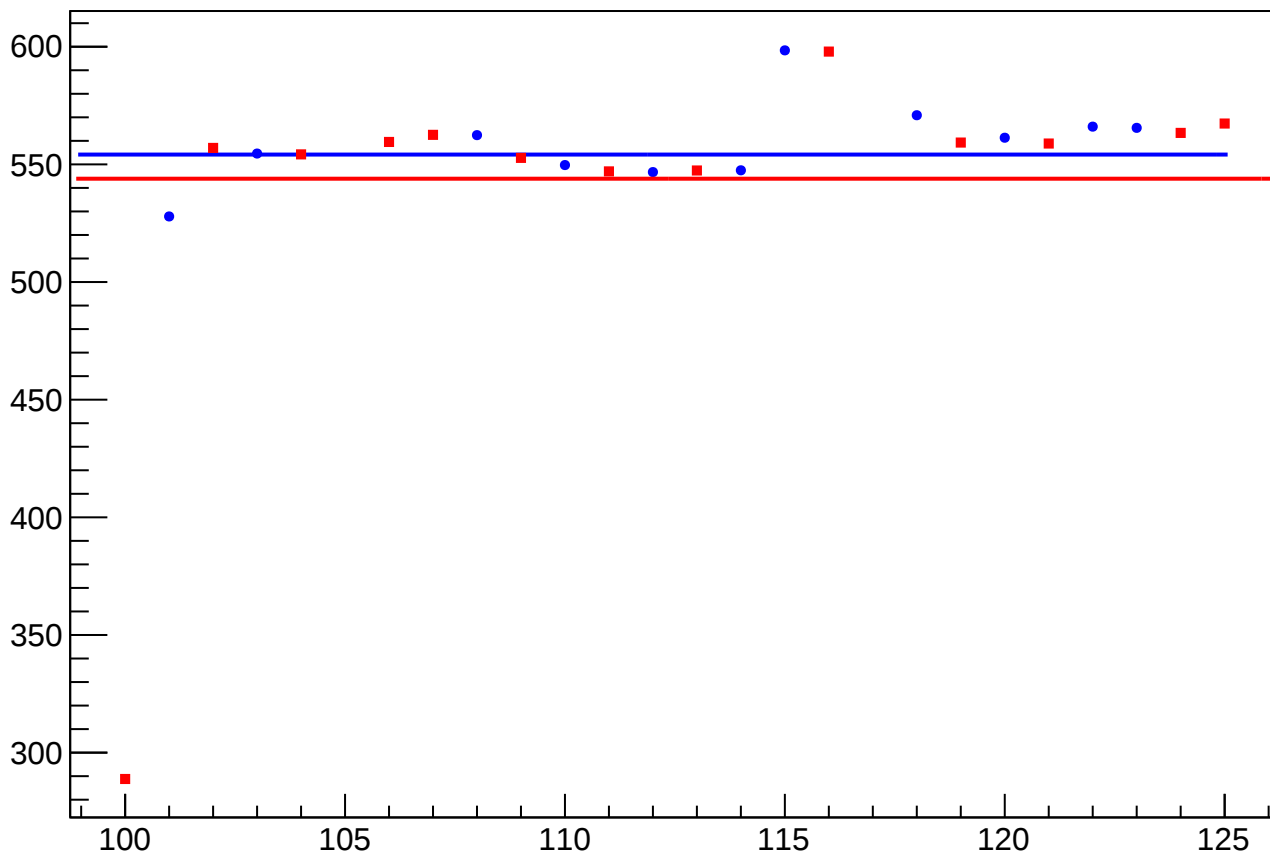
Right: 987.493 $\pm$ 187.527 χ^2 /NDF: 13.6/23

In: 1240.502 $\pm$ 284.004 χ^2 /NDF:6.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 987.493 $\pm$ 187.527 χ^2 /NDF: 13.6/23

reg_asym_right_dd_rms vs Slug, Sign Corrected



Right In: 554.172 $\pm$ 0.201 χ^2 /NDF: 6161.4/10

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

Right Out: 543.913 $\pm$ 0.177 χ^2 /NDF: 119286.1/12

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

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

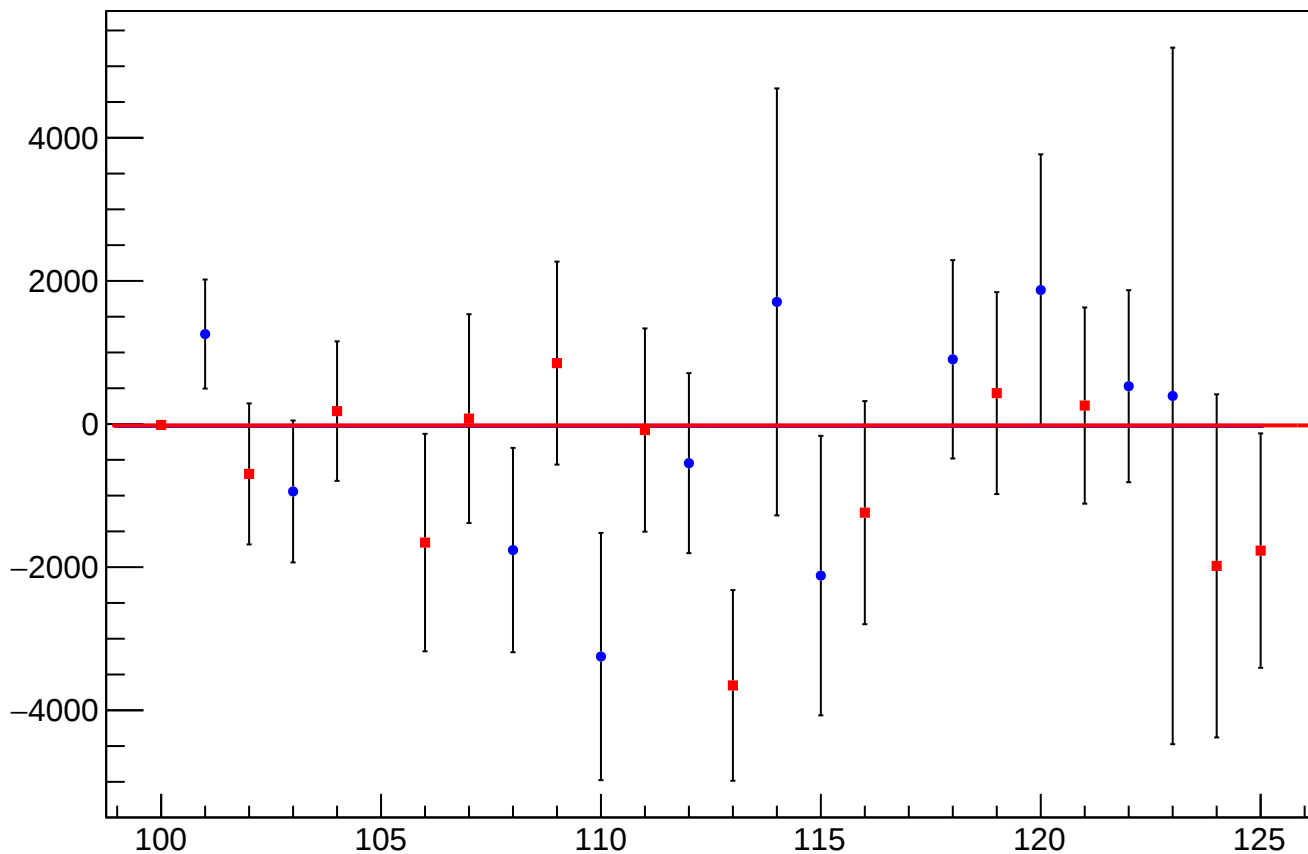
Right: 548.386 $\pm$ 0.133 χ^2 /NDF: 126919.2/23

In: 554.172 $\pm$ 0.201 χ^2 /NDF:6161.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 548.386 $\pm$ 0.133 χ^2 /NDF: 126919.2/23

asym_right_dd_correction_mean vs Slug, Sign Corrected



Right In: -25.499+/-409.325 χ^2/NDF : 11.9/10

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

Right Out: -19.033+/-39.028 χ^2/NDF : 12.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

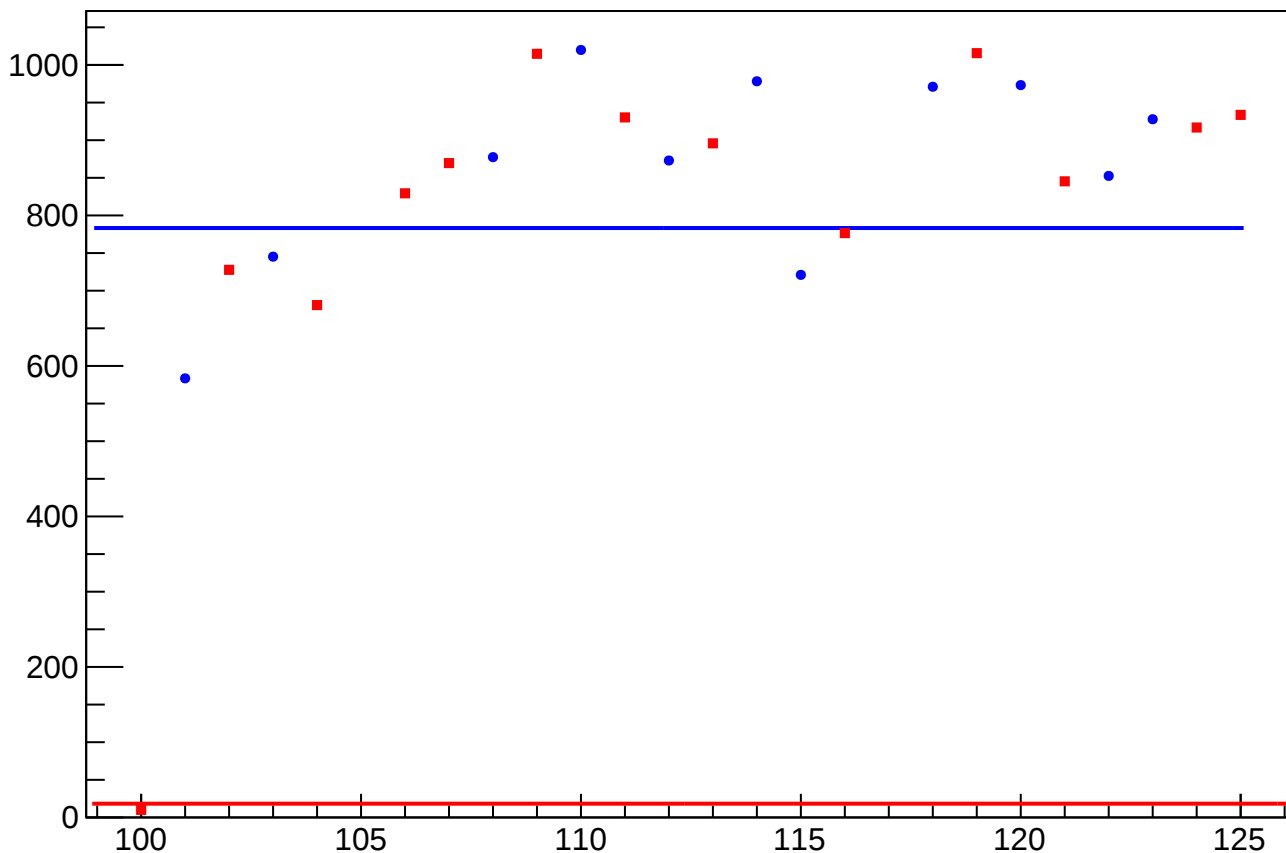
Right: -19.091+/-38.852 χ^2/NDF : 24.0/23

In: -25.499+/-409.325 χ^2/NDF : 11.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.091+/-38.852 χ^2/NDF : 24.0/23

asym_right_dd_correction_rms vs Slug, Sign Corrected



Right In: 783.282 $\pm$ 0.289 χ^2 /NDF: 271268.7/10

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

Right Out: 18.307 $\pm$ 0.028 χ^2 /NDF: 9084978.9/12

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

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

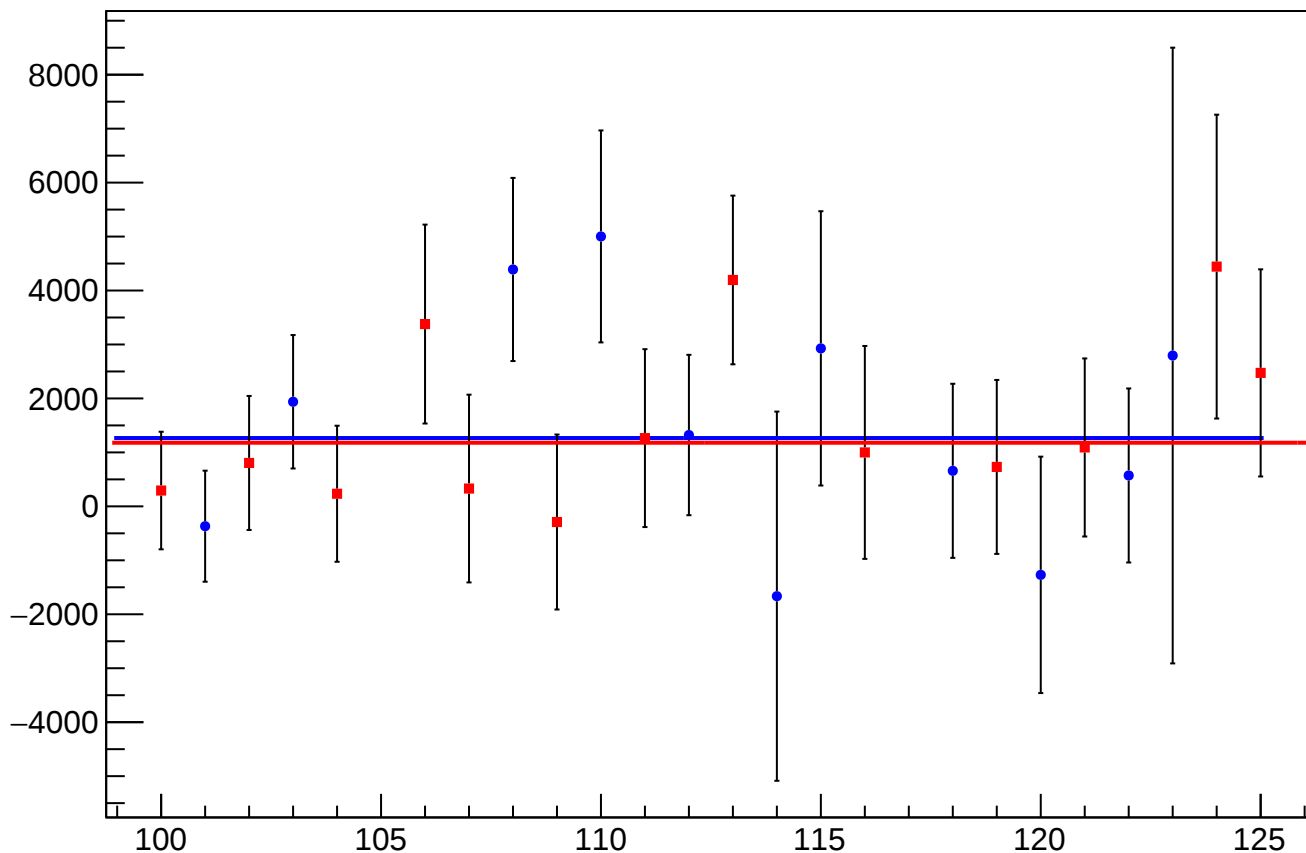
Right: 25.199 $\pm$ 0.027 χ^2 /NDF: 16278645.7/23

In: 783.282 $\pm$ 0.289 χ^2 /NDF:271268.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 25.199 $\pm$ 0.027 χ^2 /NDF: 16278645.7/23

asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1266.265+/-505.987 χ^2/NDF : 12.7/10

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

Right Out: 1179.428+/-433.991 χ^2/NDF : 9.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

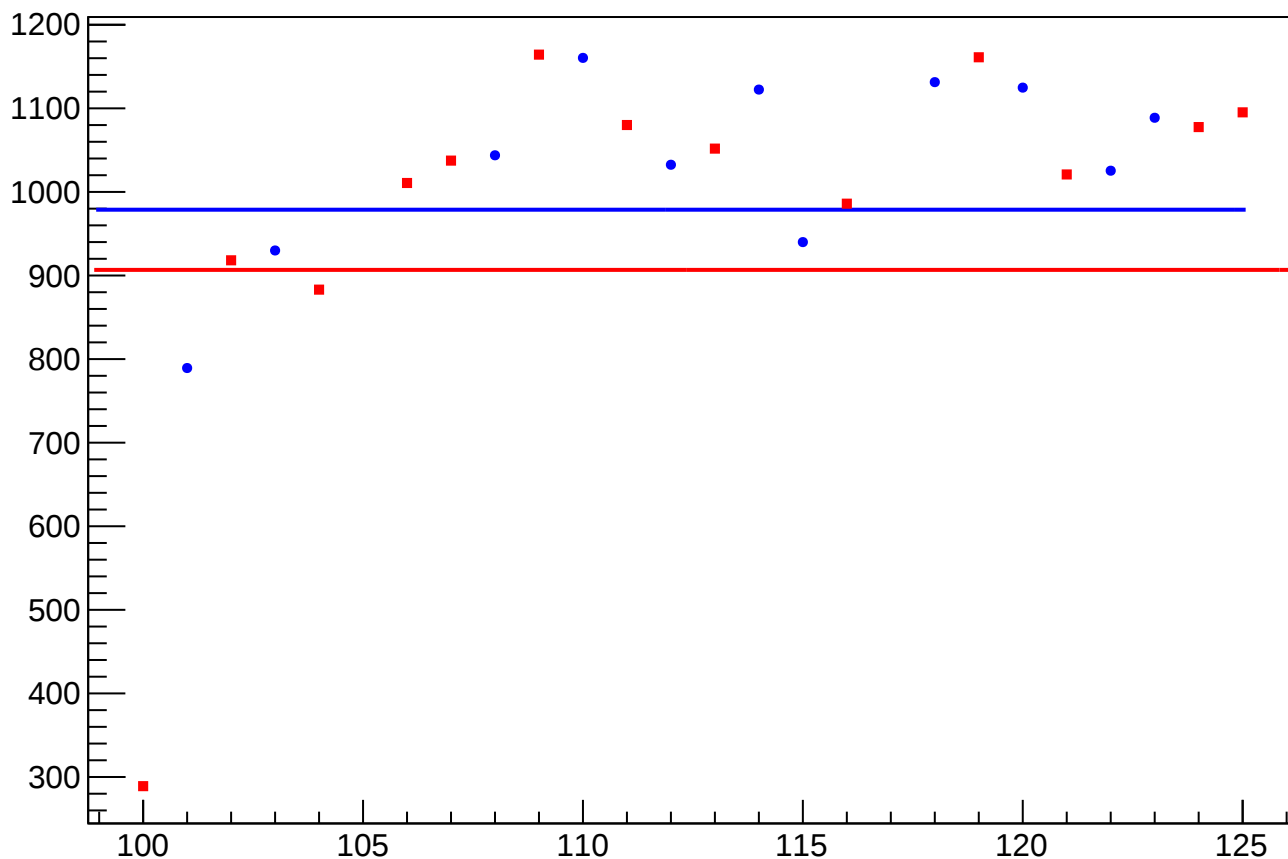
Right: 1216.234+/-329.418 χ^2/NDF : 22.2/23

In: 1266.265+/-505.987 χ^2/NDF : 12.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1216.234+/-329.418 χ^2/NDF : 22.2/23

asym_right_dd_rms vs Slug, Sign Corrected



Right In: 978.735 $\pm$ 0.358 χ^2 /NDF: 126757.5/10

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

Right Out: 906.727 $\pm$ 0.307 χ^2 /NDF: 840568.0/12

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

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

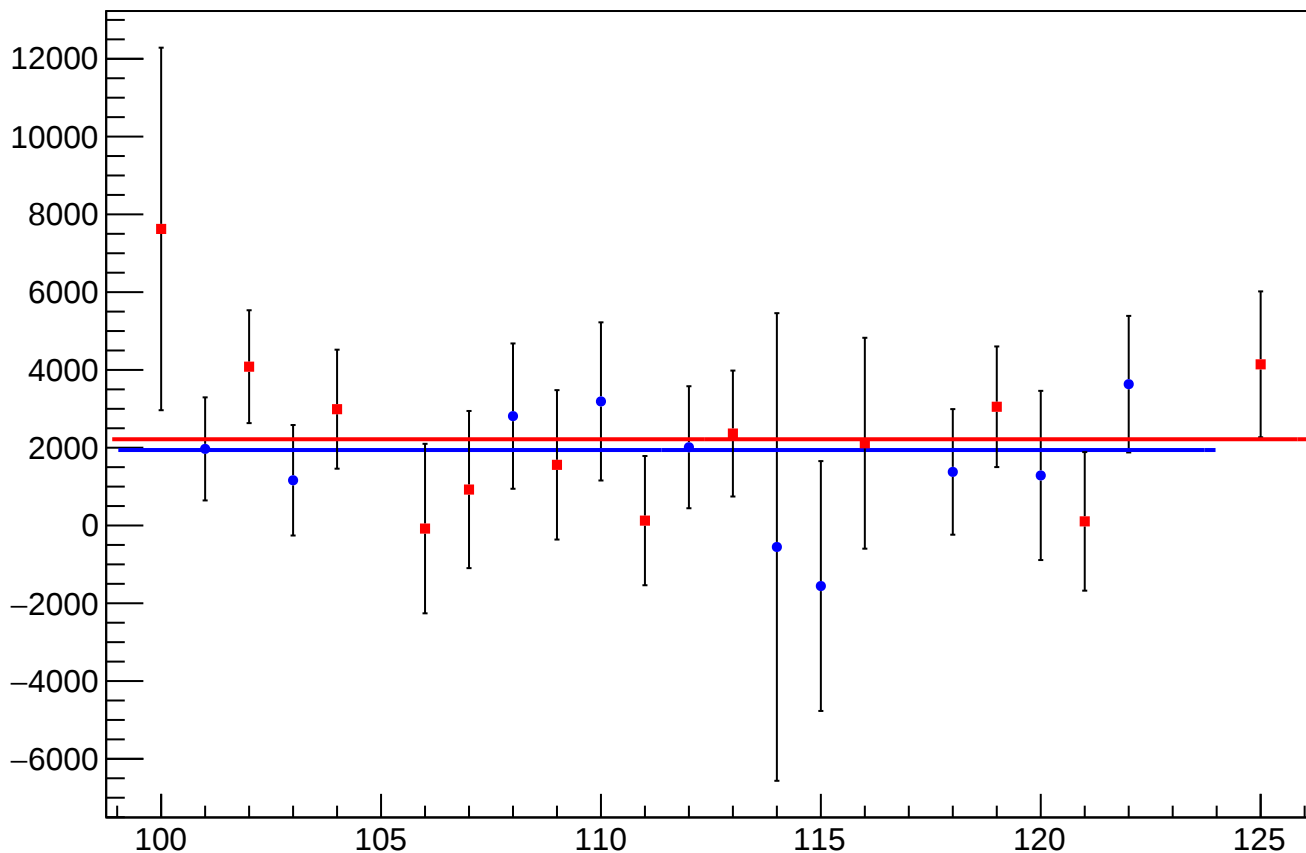
Right: 937.248 $\pm$ 0.233 χ^2 /NDF: 990662.2/23

In: 978.735 $\pm$ 0.358 χ^2 /NDF:126757.5/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 937.248 $\pm$ 0.233 χ^2 /NDF: 990662.2/23

cor_usl_mean vs Slug, Sign Corrected



Right In: 1940.450+/-573.219 χ^2/NDF : 3.4/9

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

Right Out: 2217.504+/-529.306 χ^2/NDF : 9.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

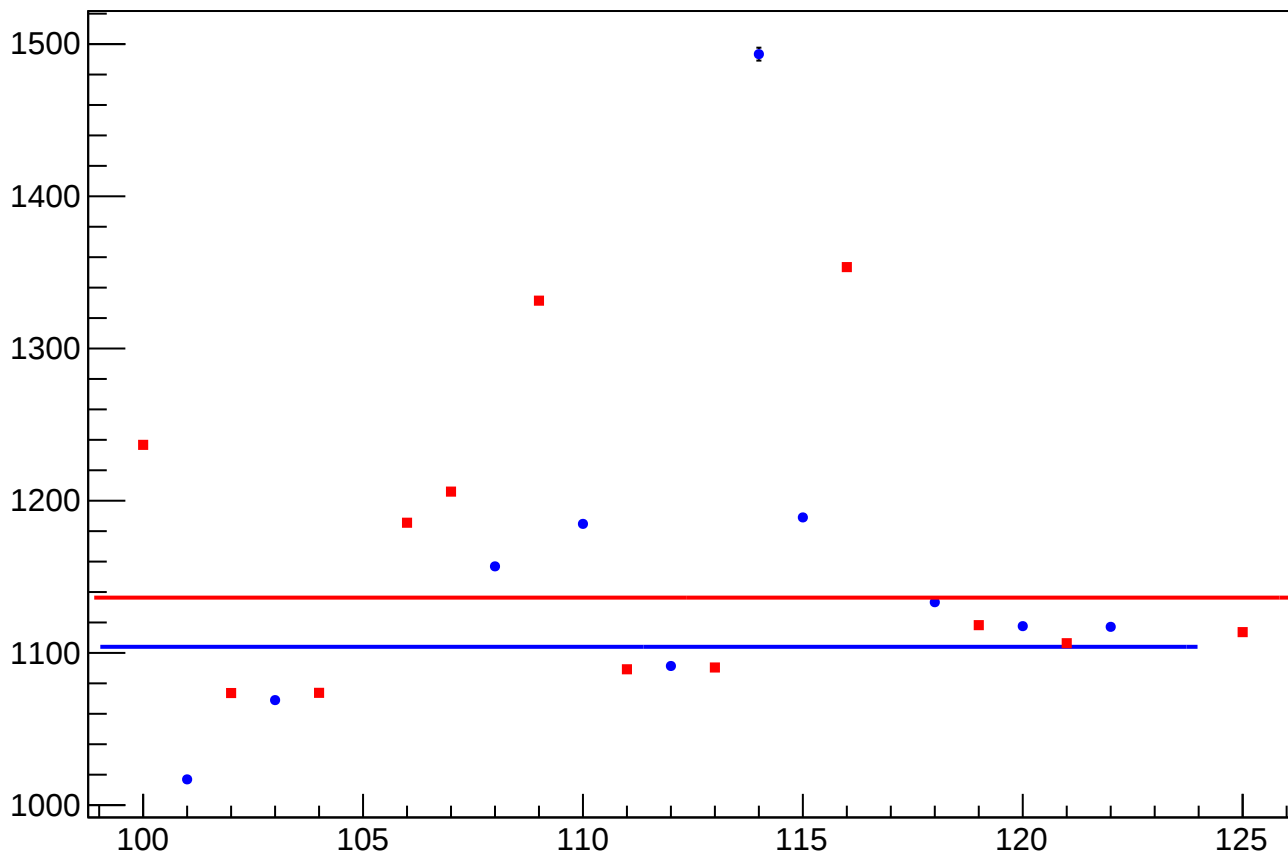
Right: 2089.994+/-388.875 χ^2/NDF : 12.8/21

In: 1940.450+/-573.219 χ^2/NDF : 3.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2089.994+/-388.875 χ^2/NDF : 12.8/21

cor_usl_rms vs Slug, Sign Corrected



Right In: 1104.011+/-0.405 χ^2/NDF : 25377.2/9

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

Right Out: 1136.329+/-0.374 χ^2/NDF : 49202.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

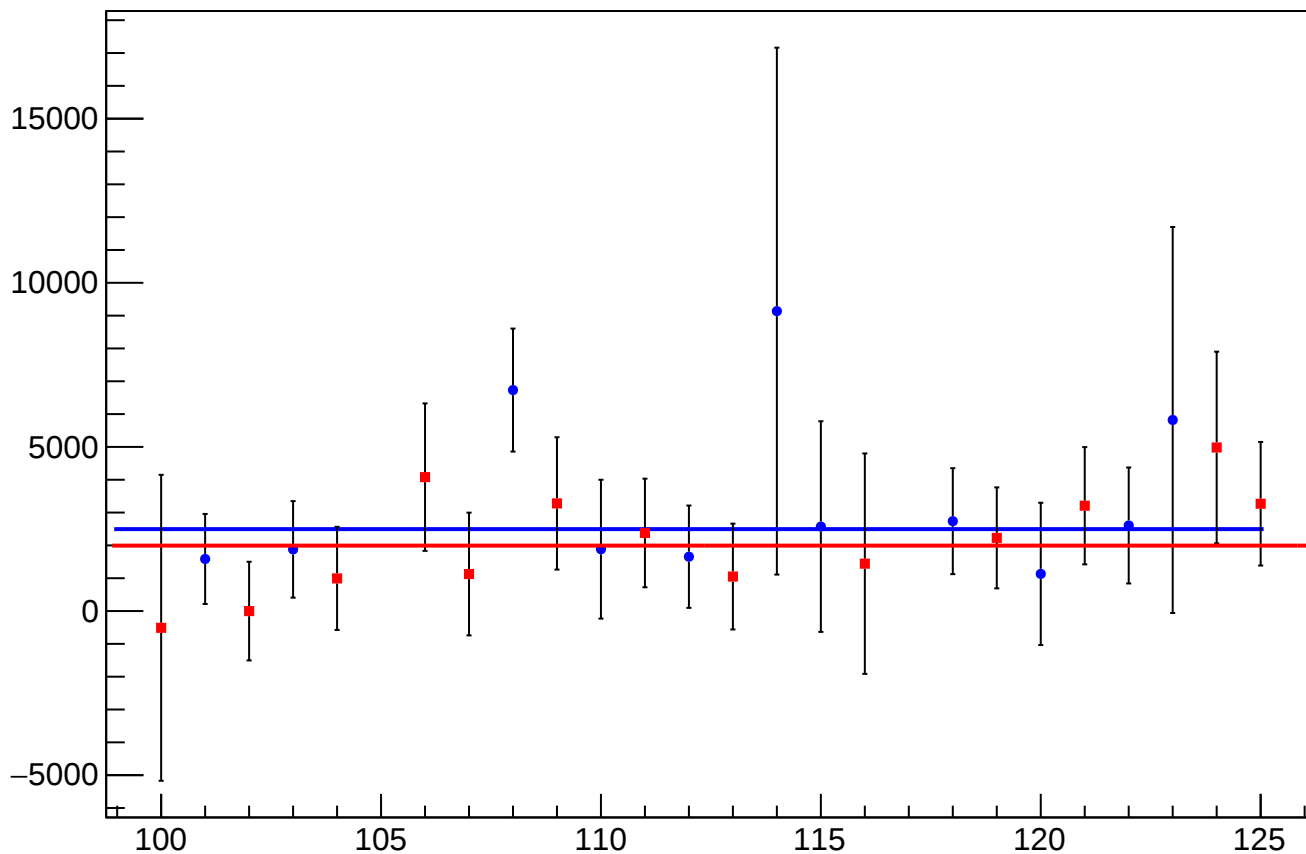
Right: 1121.455+/-0.275 χ^2/NDF : 78011.5/21

In: 1104.011+/-0.405 χ^2/NDF : 25377.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1121.455+/-0.275 χ^2/NDF : 78011.5/21

cor_usr_mean vs Slug, Sign Corrected



Right In: 2495.755+/-579.999 χ^2/NDF : 7.5/10

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

Right Out: 1993.157+/-527.128 χ^2/NDF : 6.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

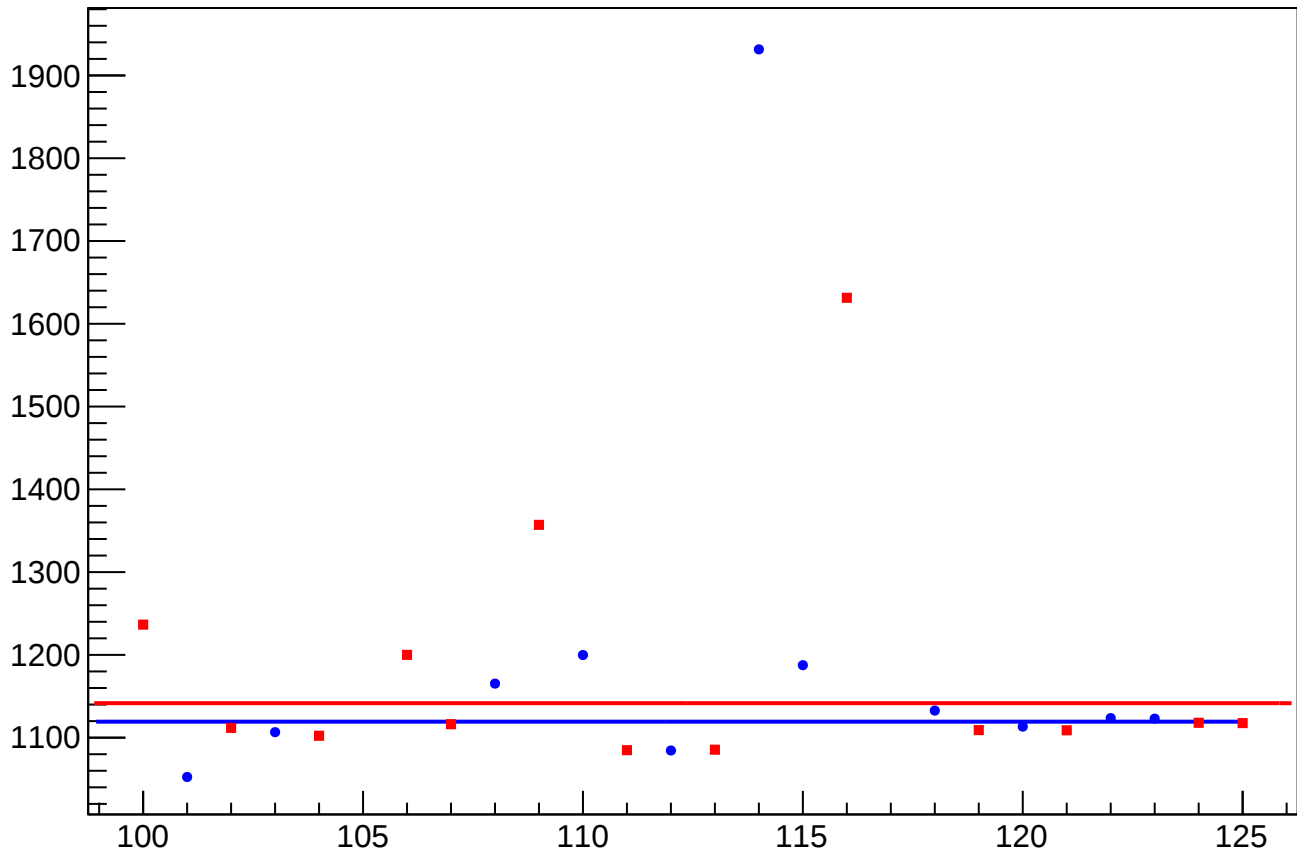
Right: 2220.509+/-390.091 χ^2/NDF : 14.3/23

In: 2495.755+/-579.999 χ^2/NDF : 7.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2220.509+/-390.091 χ^2/NDF : 14.3/23

cor_usr_rms vs Slug, Sign Corrected



Right In: 1119.318+/-0.410 χ^2/NDF : 31551.1/10

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

Right Out: 1141.661+/-0.373 χ^2/NDF : 76786.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

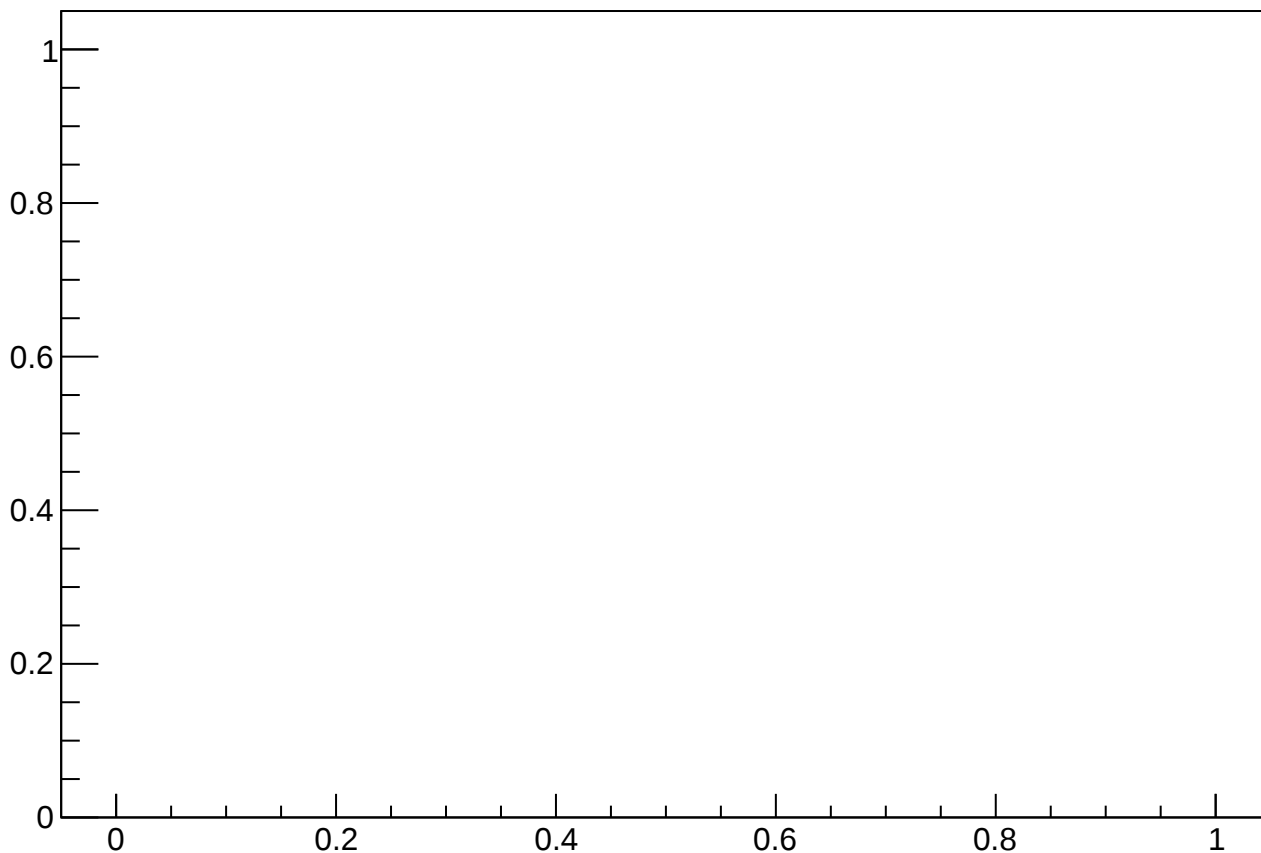
Right: 1131.554+/-0.276 χ^2/NDF : 109962.9/23

In: 1119.318+/-0.410 χ^2/NDF : 31551.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1131.554+/-0.276 χ^2/NDF : 109962.9/23

cor_dsl_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

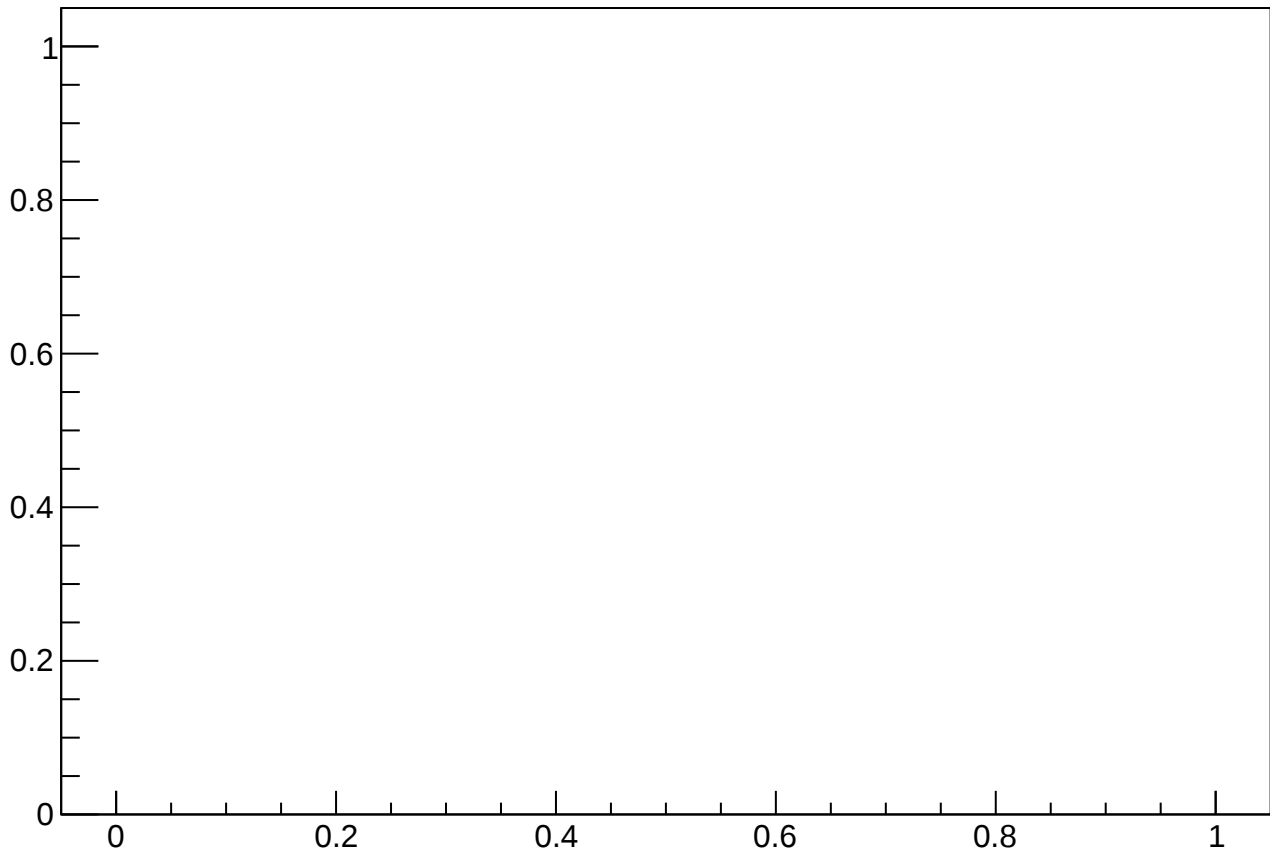
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_dsl_rms vs Slug, Sign Corrected



Right In: 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 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

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

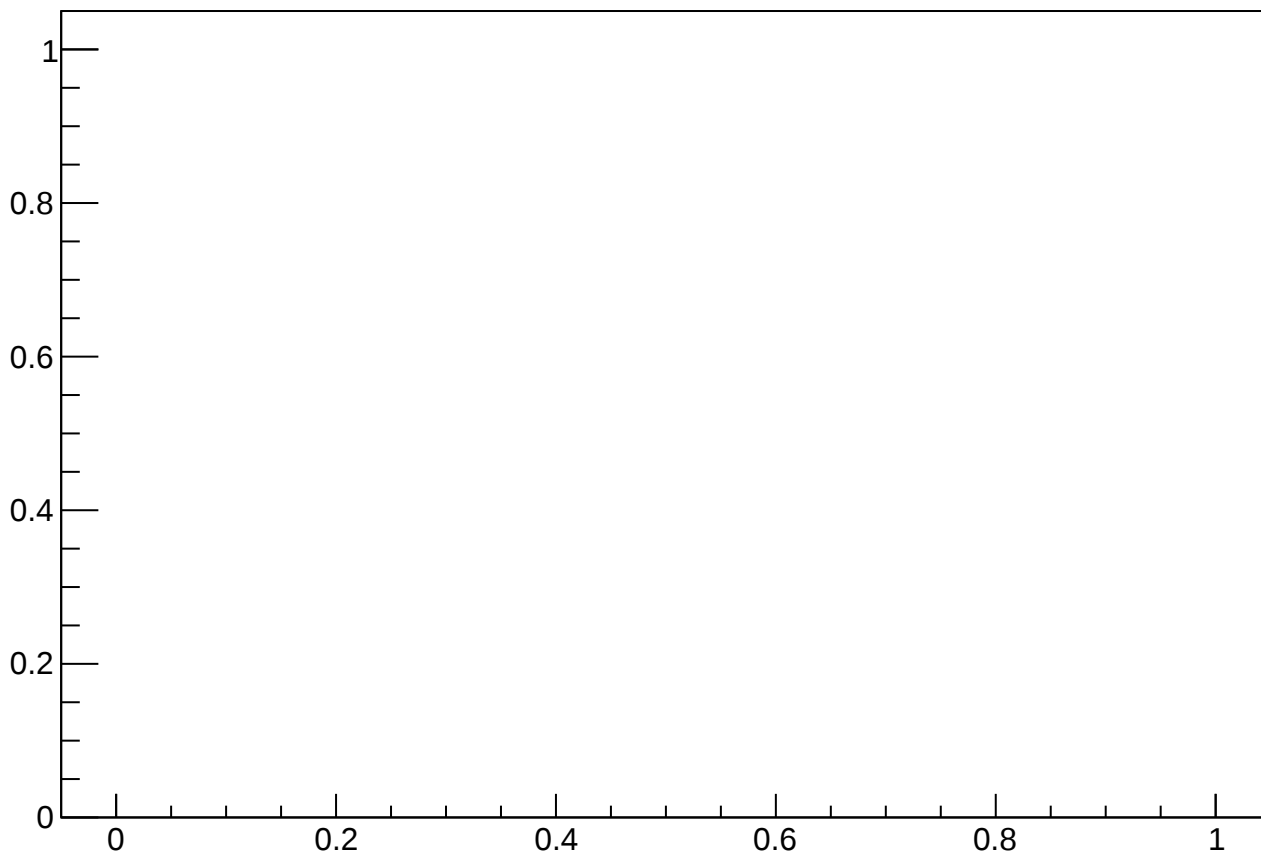
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_dsr_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

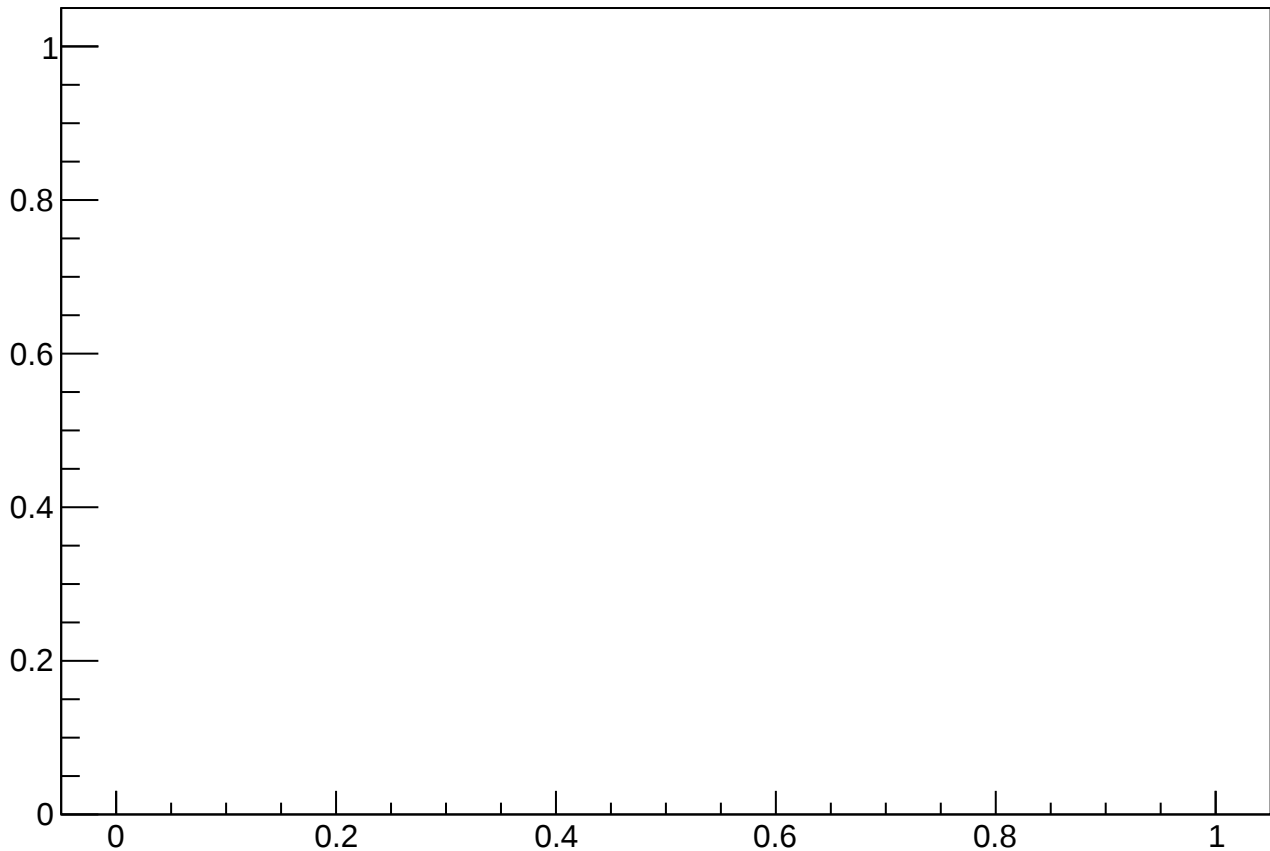
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_dsr_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

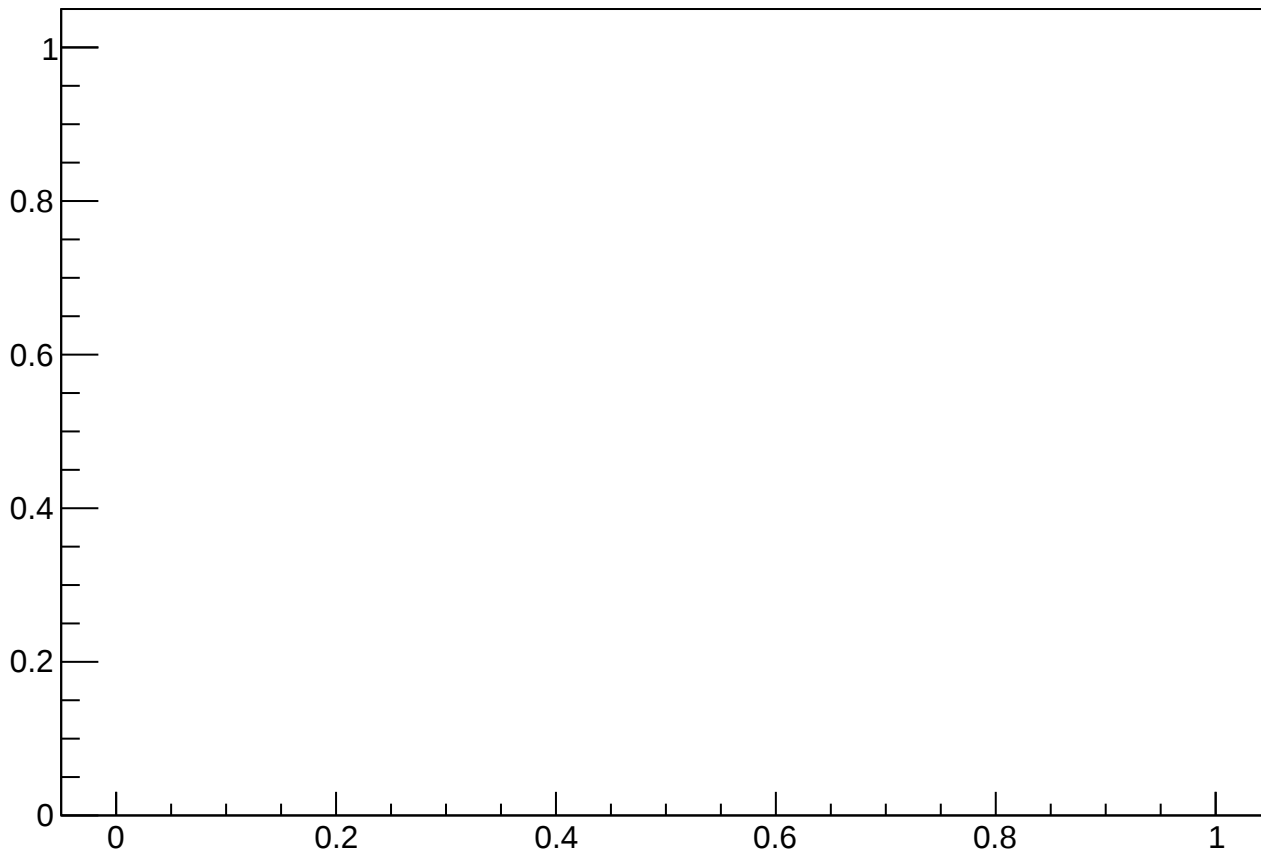
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_us_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

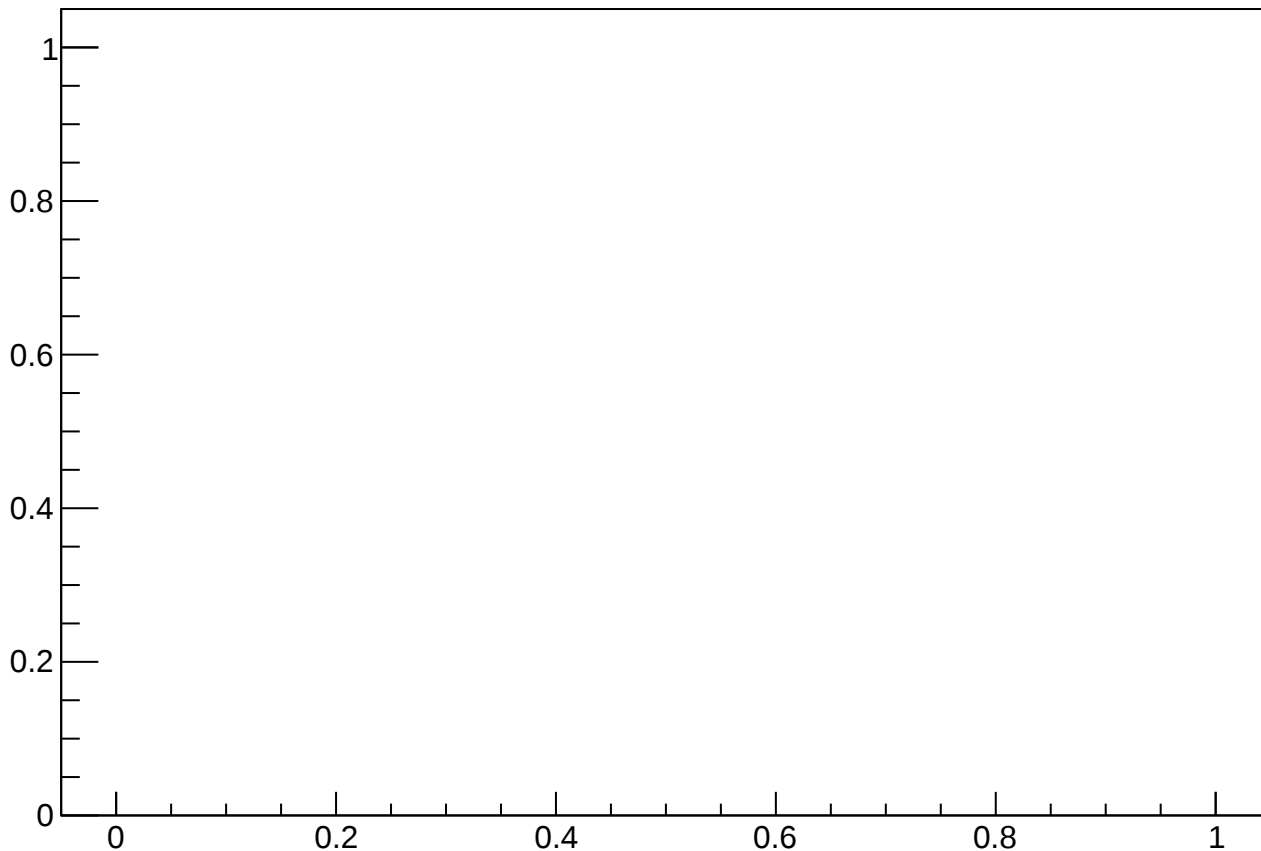
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_us_avg_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

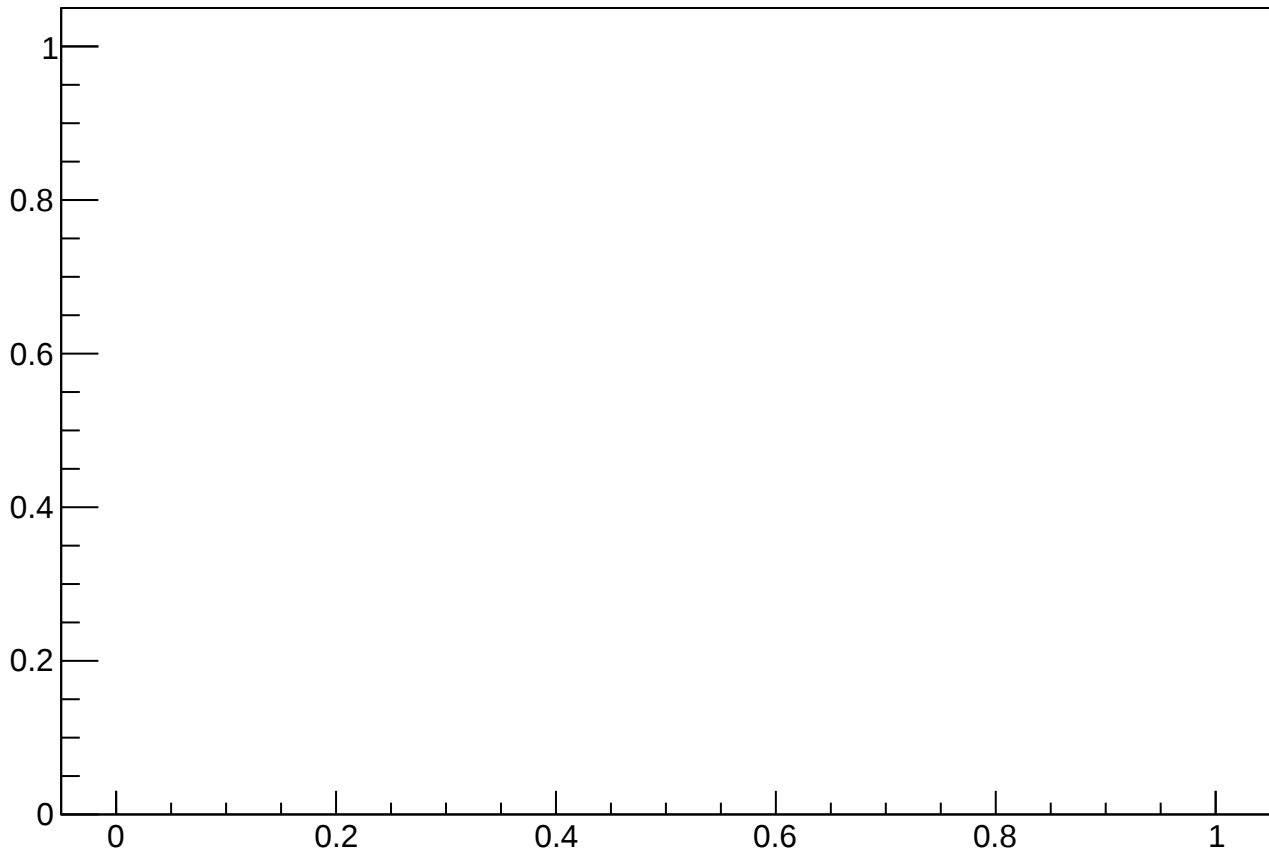
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_us_dd_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

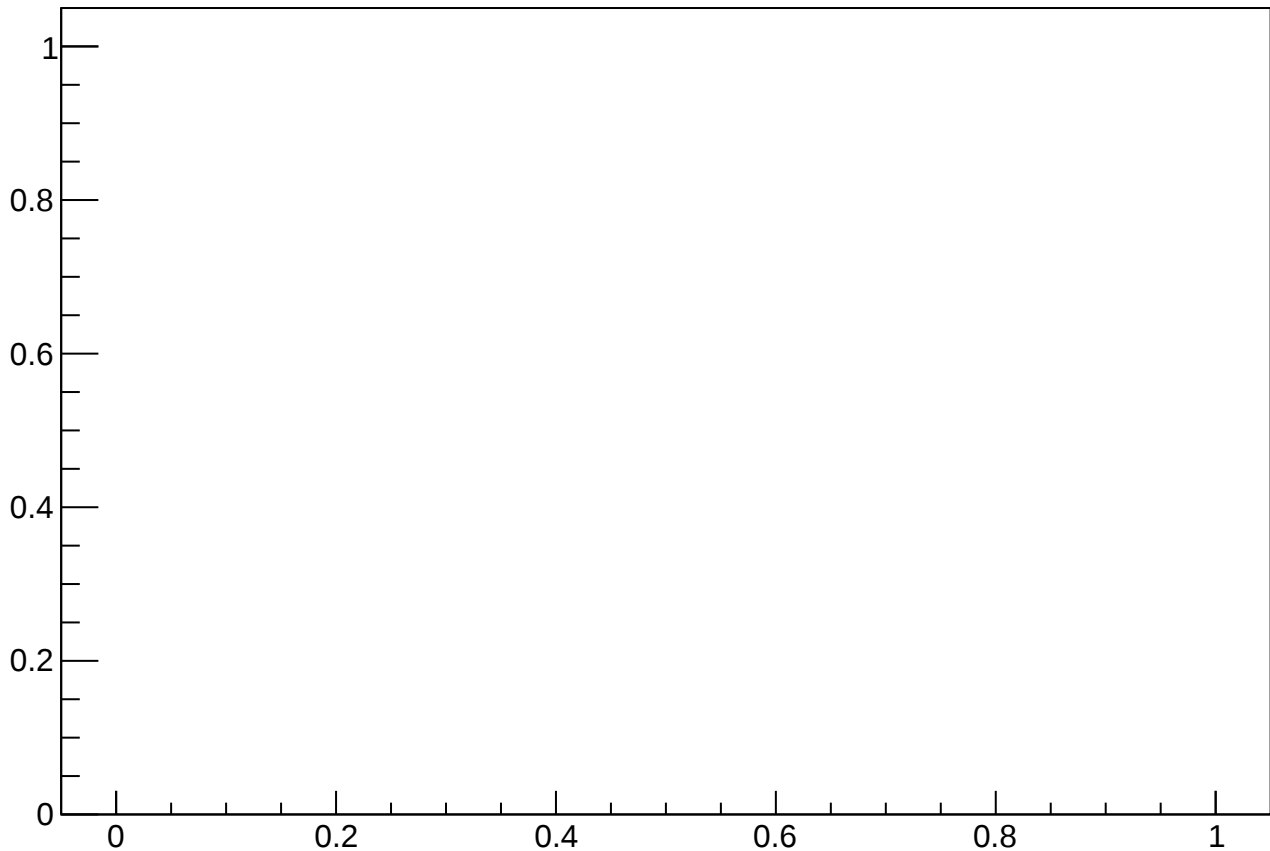
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_us_dd_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

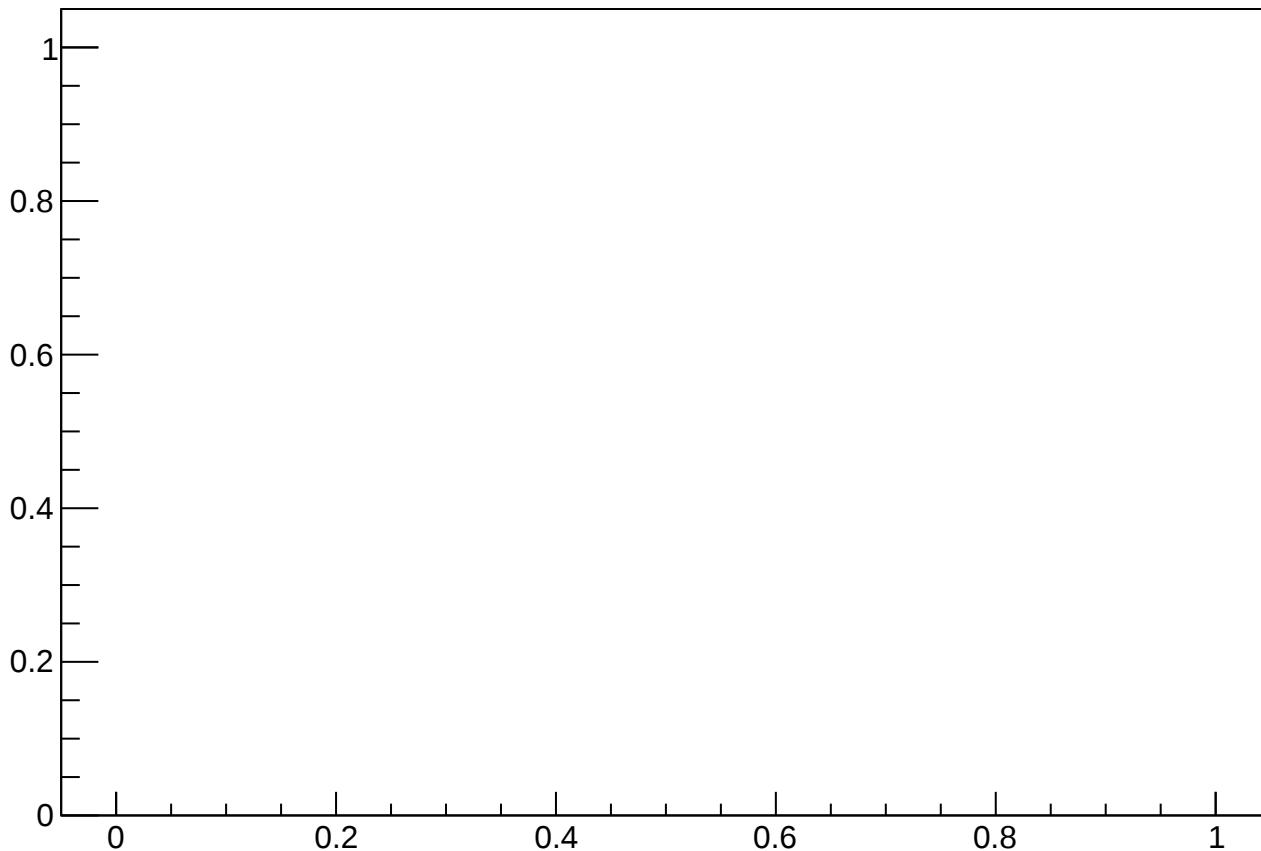
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_ds_avg_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

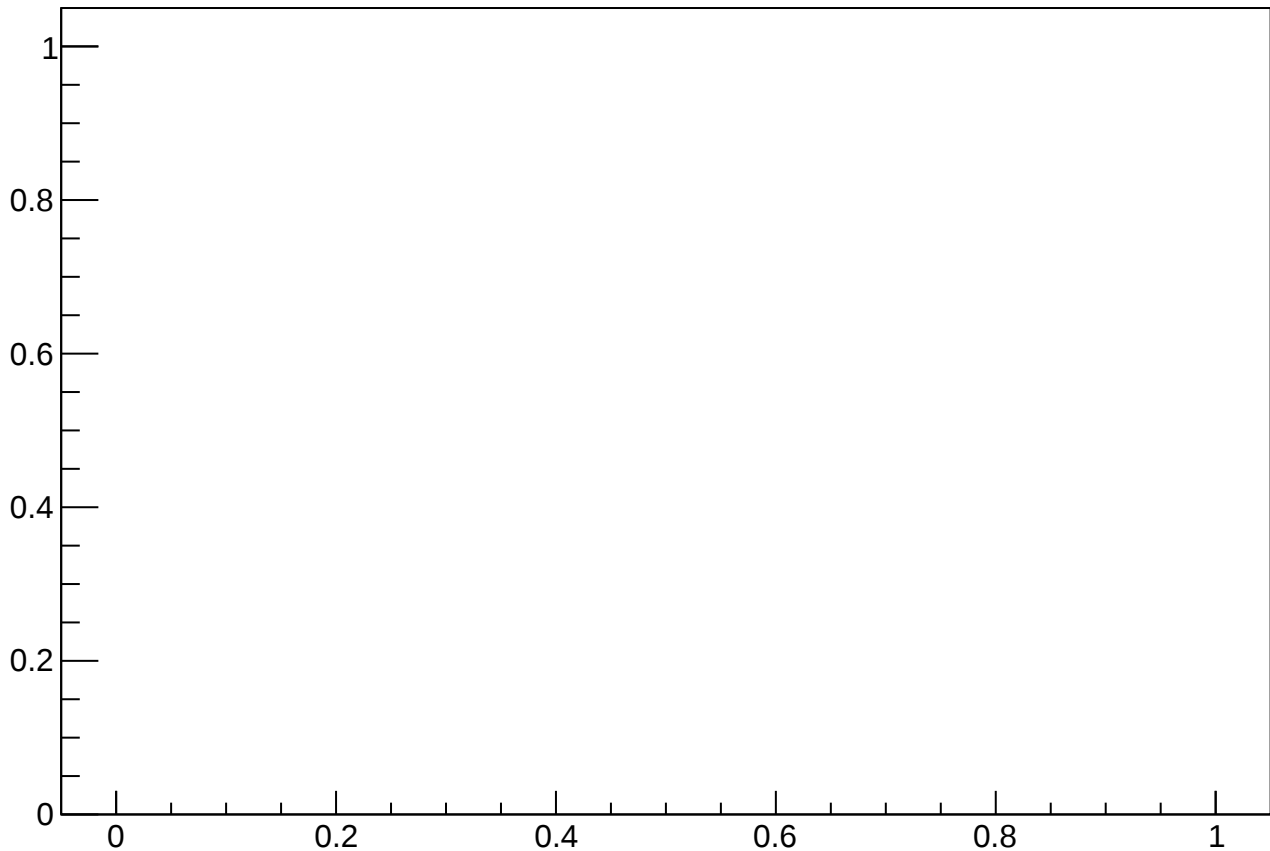
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_ds_avg_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

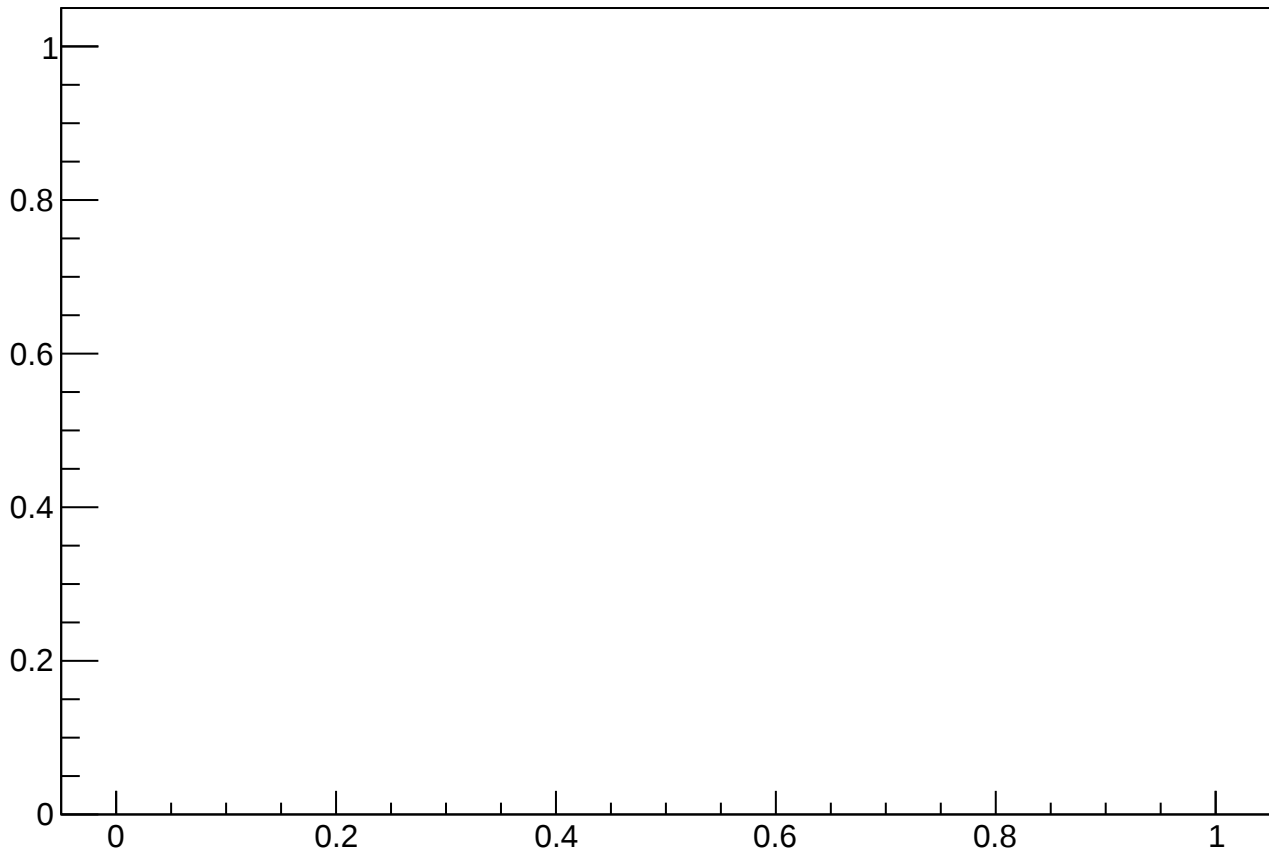
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_ds_dd_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

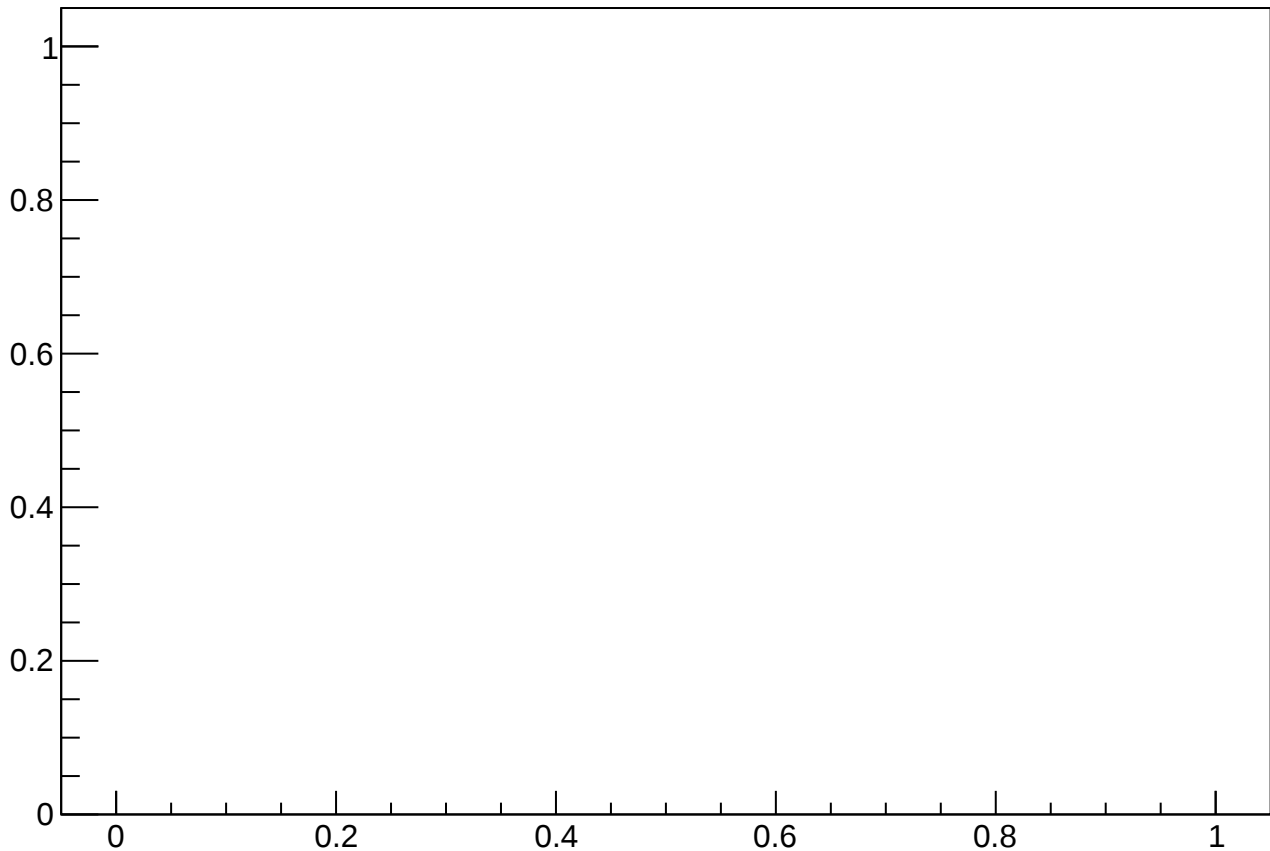
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_ds_dd_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

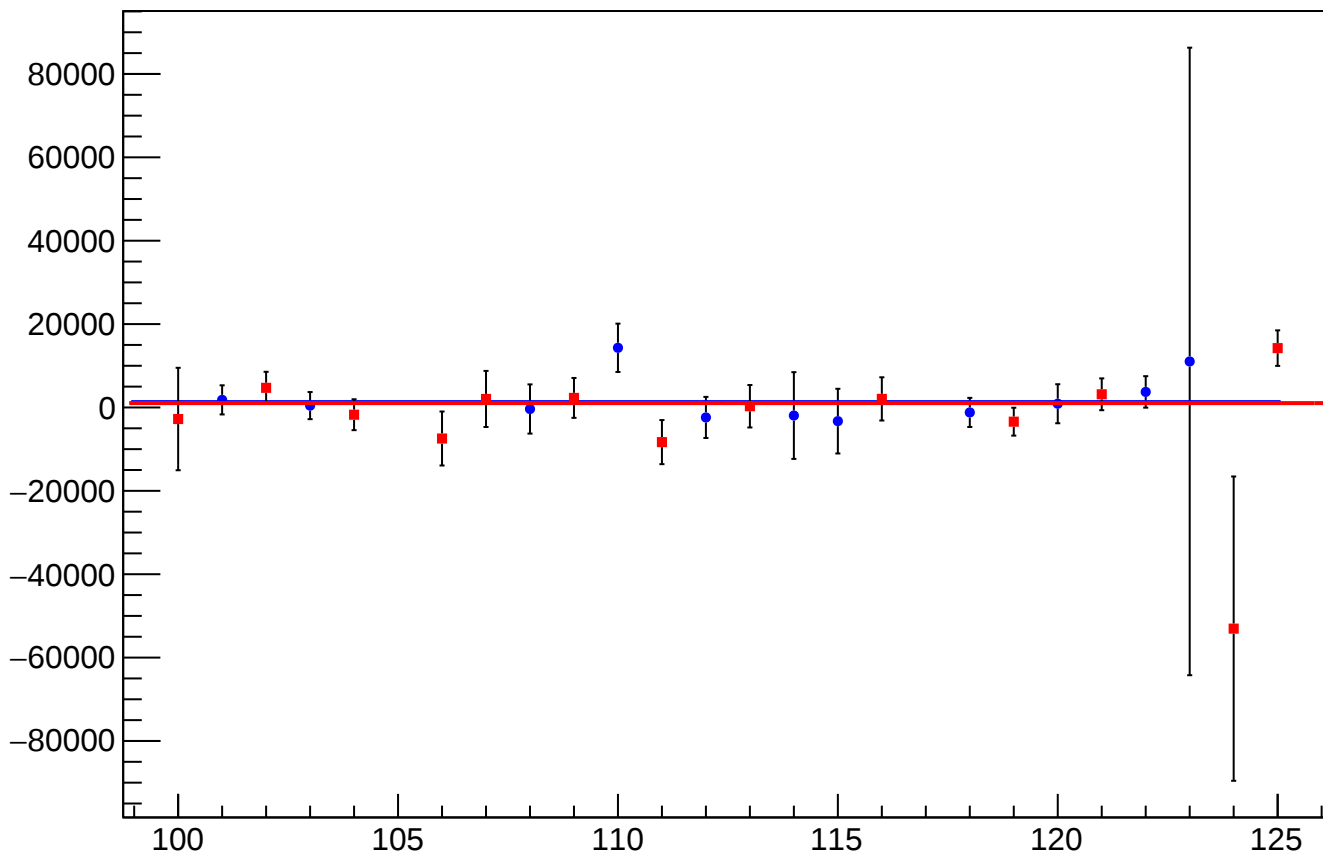
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1285.475+/-1414.135 χ^2/NDF : 7.2/10

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

Right Out: 1046.430+/-1333.825 χ^2/NDF : 20.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

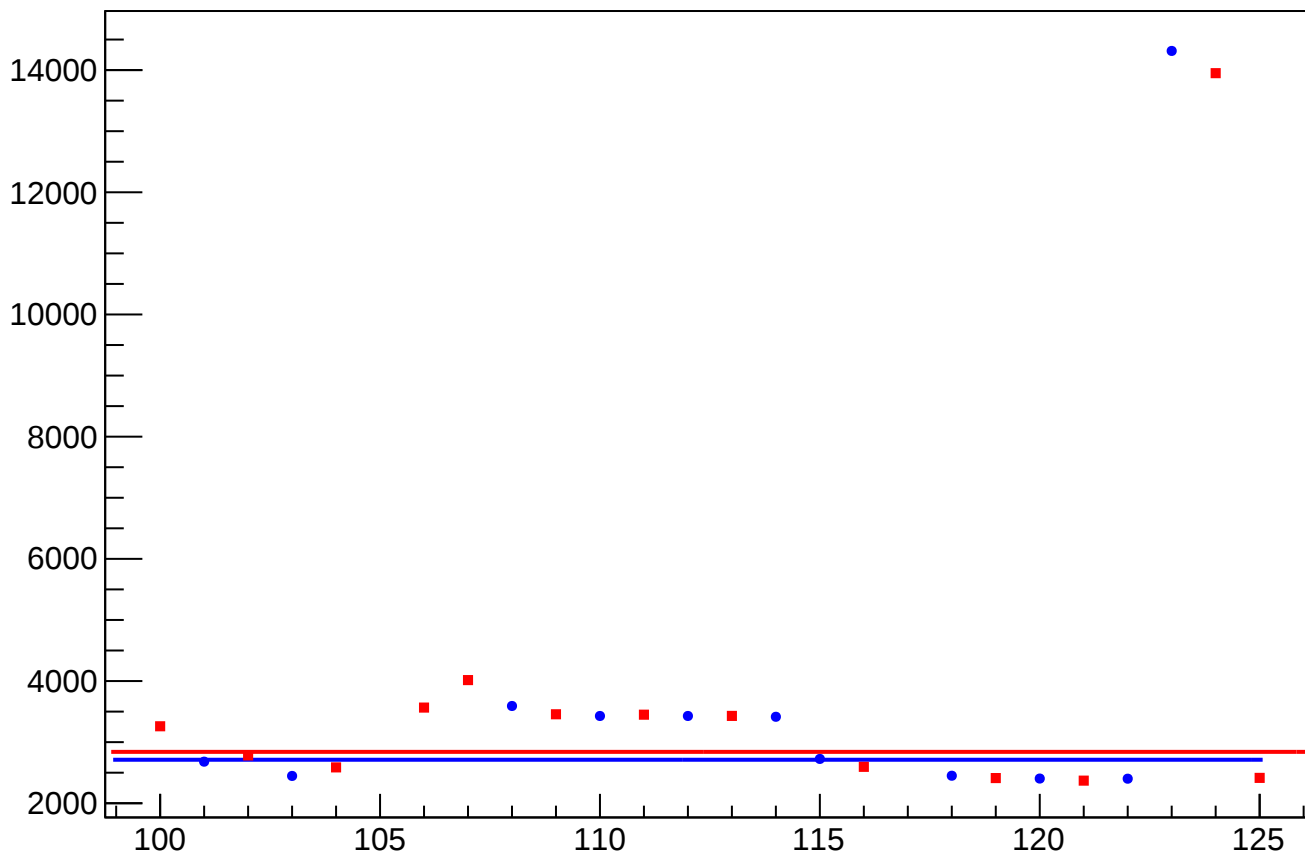
Right: 1158.973+/-970.307 χ^2/NDF : 27.6/23

In: 1285.475+/-1414.135 χ^2/NDF : 7.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1158.973+/-970.307 χ^2/NDF : 27.6/23

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2711.939+/-1.000 χ^2/NDF : 220793.1/10

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

Right Out: 2840.980+/-0.943 χ^2/NDF : 457507.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

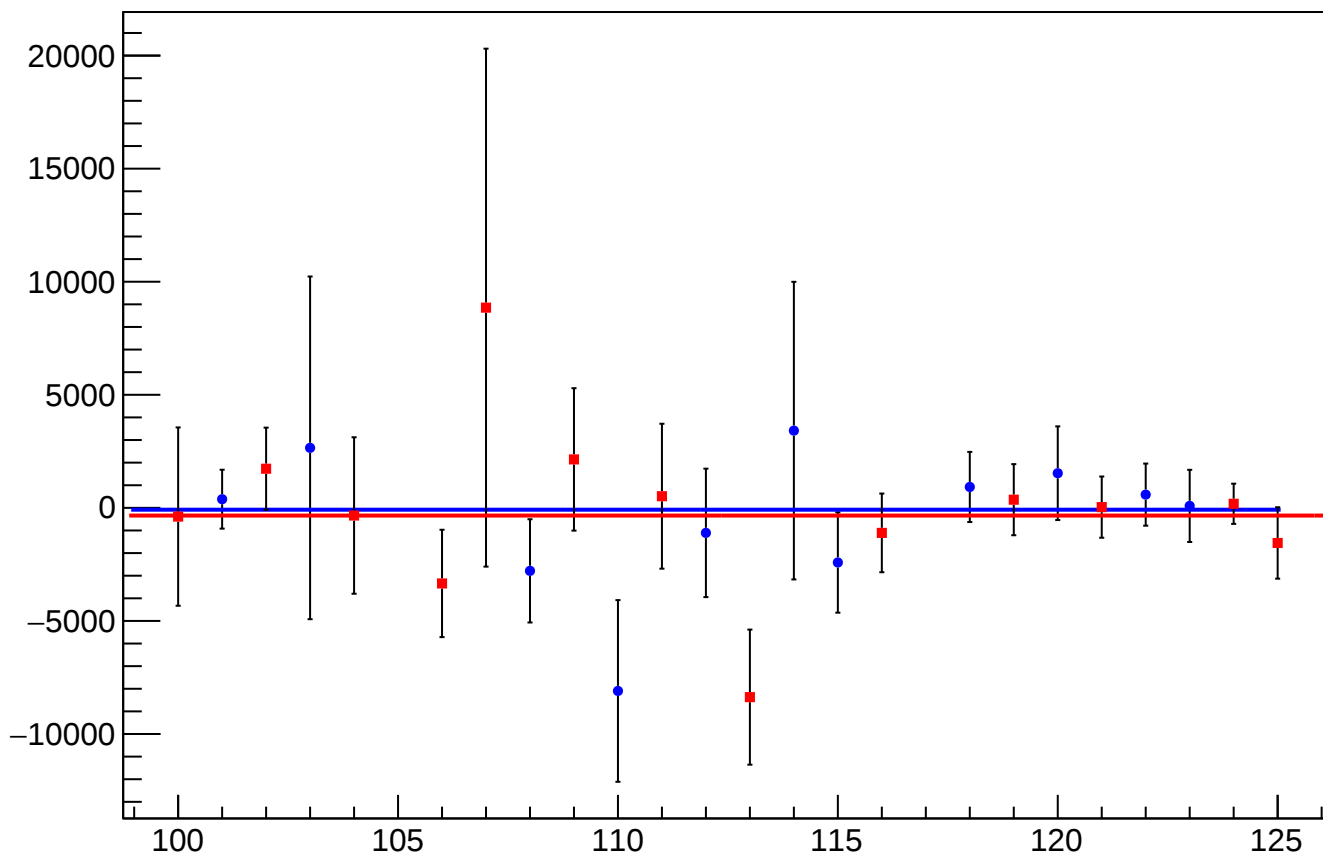
Right: 2780.227+/-0.686 χ^2/NDF : 687113.2/23

In: 2711.939+/-1.000 χ^2/NDF : 220793.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2780.227+/-0.686 χ^2/NDF : 687113.2/23

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -81.337 ± 599.409 χ^2/NDF : 8.4/10

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

Right Out: -339.999 ± 506.874 χ^2/NDF : 12.9/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

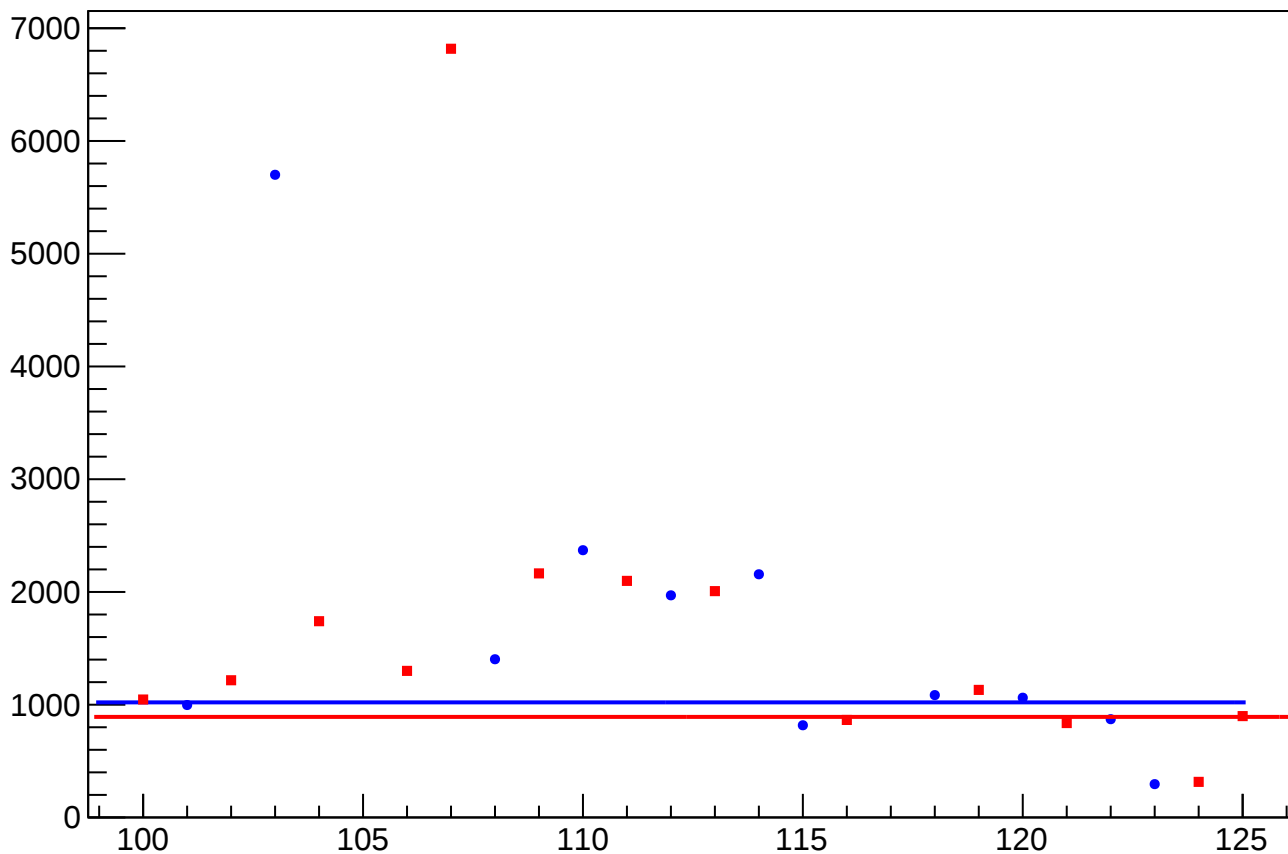
Right: -232.154 ± 387.042 χ^2/NDF : 21.4/23

In: -81.337 ± 599.409 χ^2/NDF : 8.4/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -232.154 ± 387.042 χ^2/NDF : 21.4/23

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1020.680+/-0.424 χ^2/NDF : 1786406.5/10

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

Right Out: 891.889+/-0.358 χ^2/NDF : 2561119.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

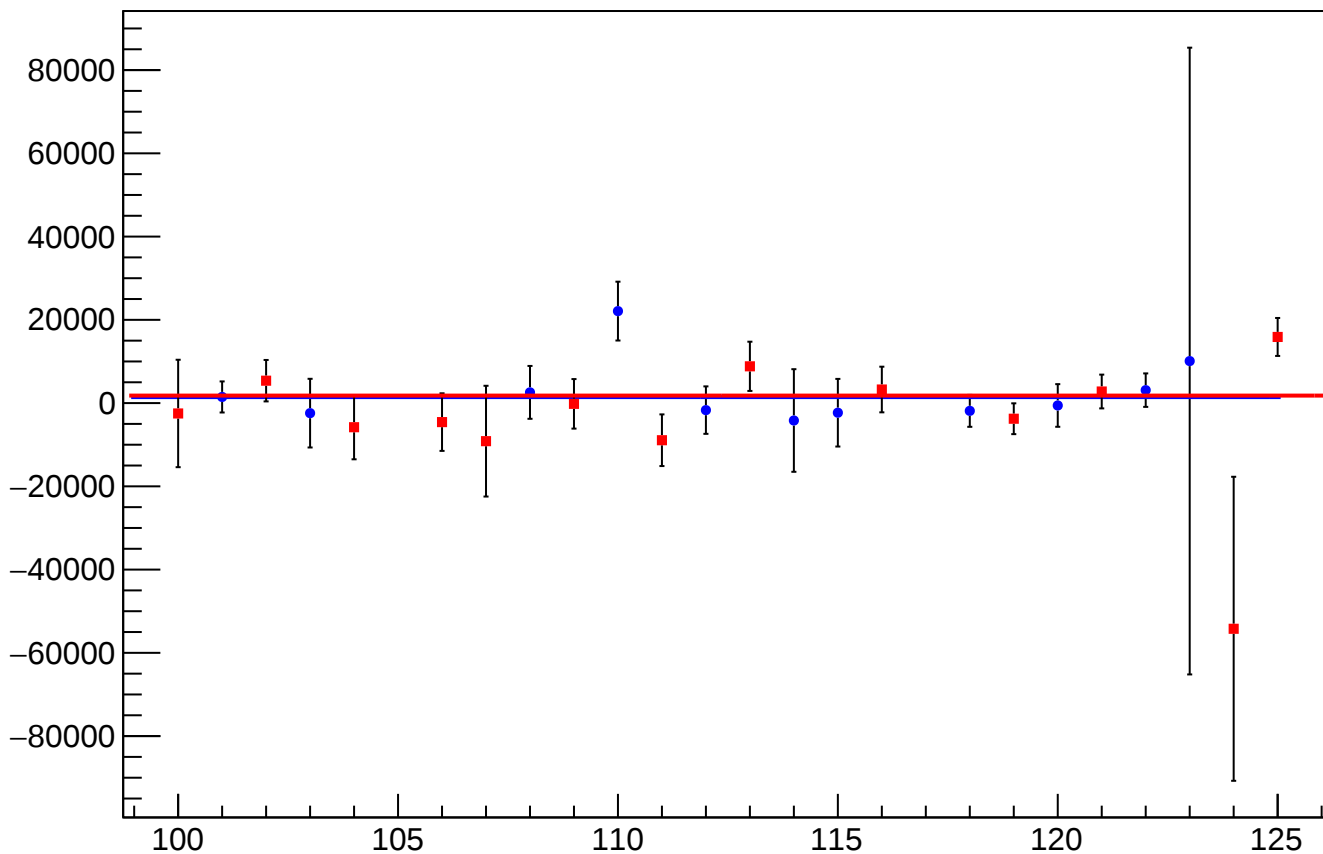
Right: 945.586+/-0.274 χ^2/NDF : 4401362.0/23

In: 1020.680+/-0.424 χ^2/NDF : 1786406.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 945.586+/-0.274 χ^2/NDF : 4401362.0/23

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1440.881+/-1685.396 χ^2/NDF : 10.6/10

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

Right Out: 1800.588+/-1604.513 χ^2/NDF : 21.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

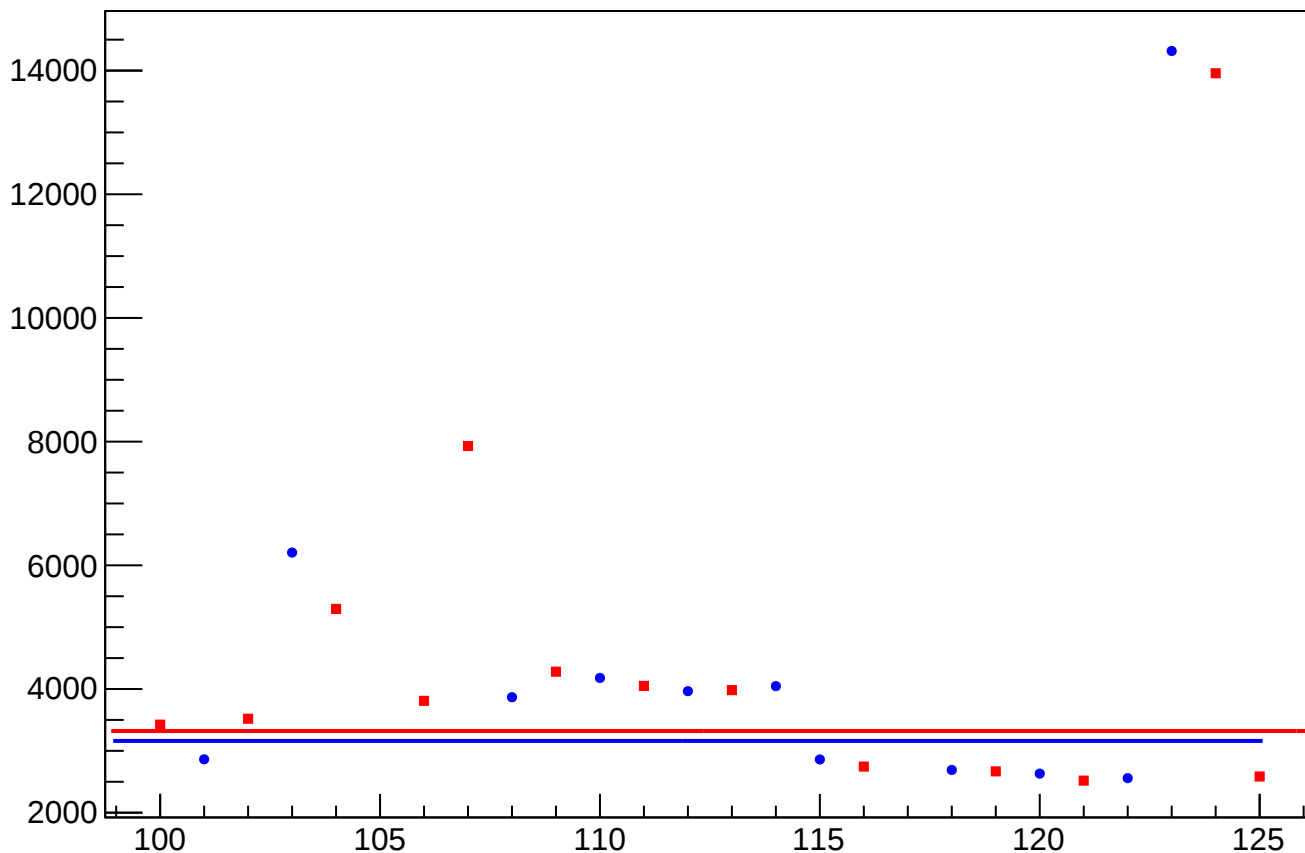
Right: 1629.572+/-1162.104 χ^2/NDF : 32.5/23

In: 1440.881+/-1685.396 χ^2/NDF : 10.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1629.572+/-1162.104 χ^2/NDF : 32.5/23

asym_atl1_rms vs Slug, Sign Corrected



Right In: 3160.599+/-1.192 χ^2/NDF : 544658.5/10

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

Right Out: 3321.114+/-1.135 χ^2/NDF : 873138.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

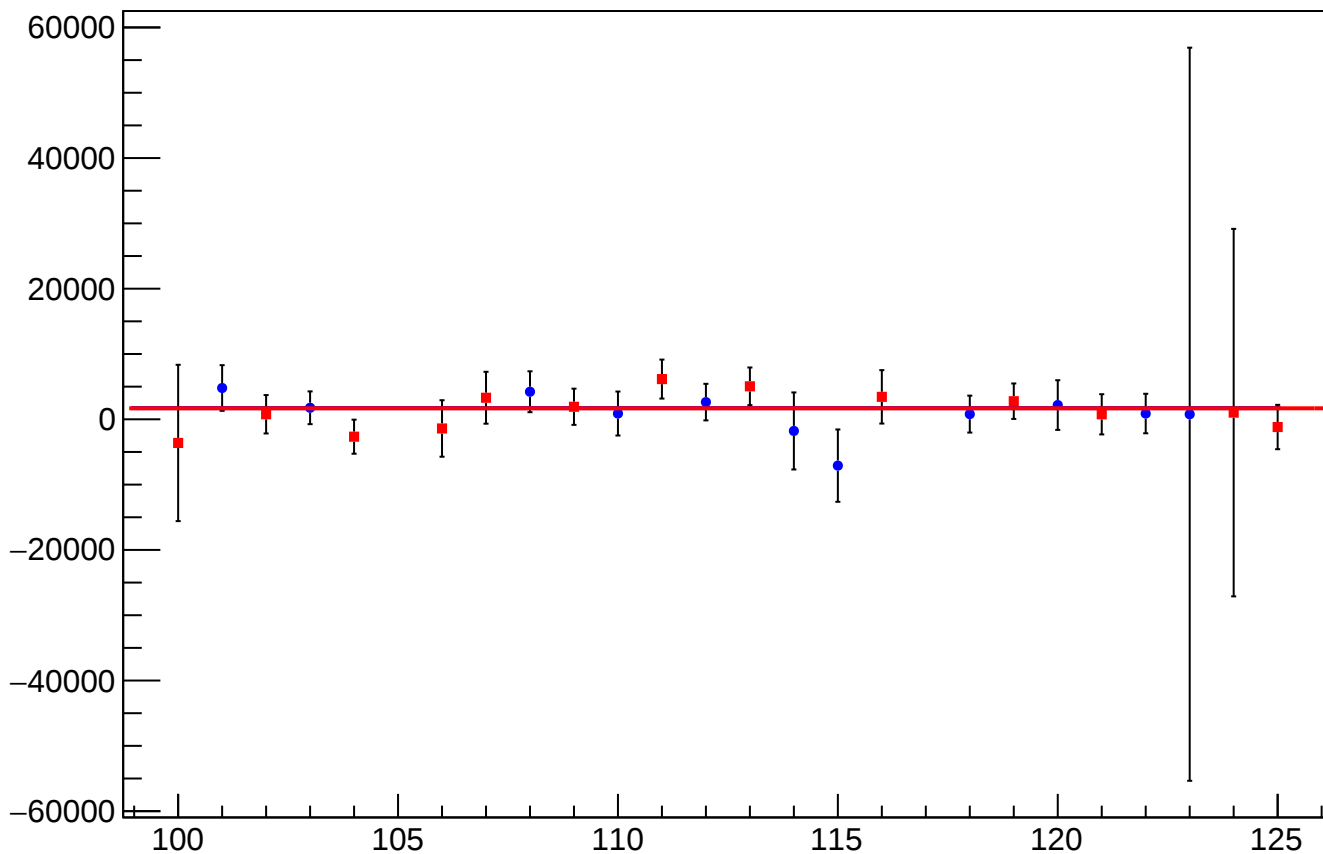
Right: 3244.801+/-0.822 χ^2/NDF : 1427313.4/23

In: 3160.599+/-1.192 χ^2/NDF : 544658.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3244.801+/-0.822 χ^2/NDF : 1427313.4/23

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1712.471+/-1040.361 χ^2/NDF : 4.7/10

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

Right Out: 1683.459+/-937.192 χ^2/NDF : 8.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

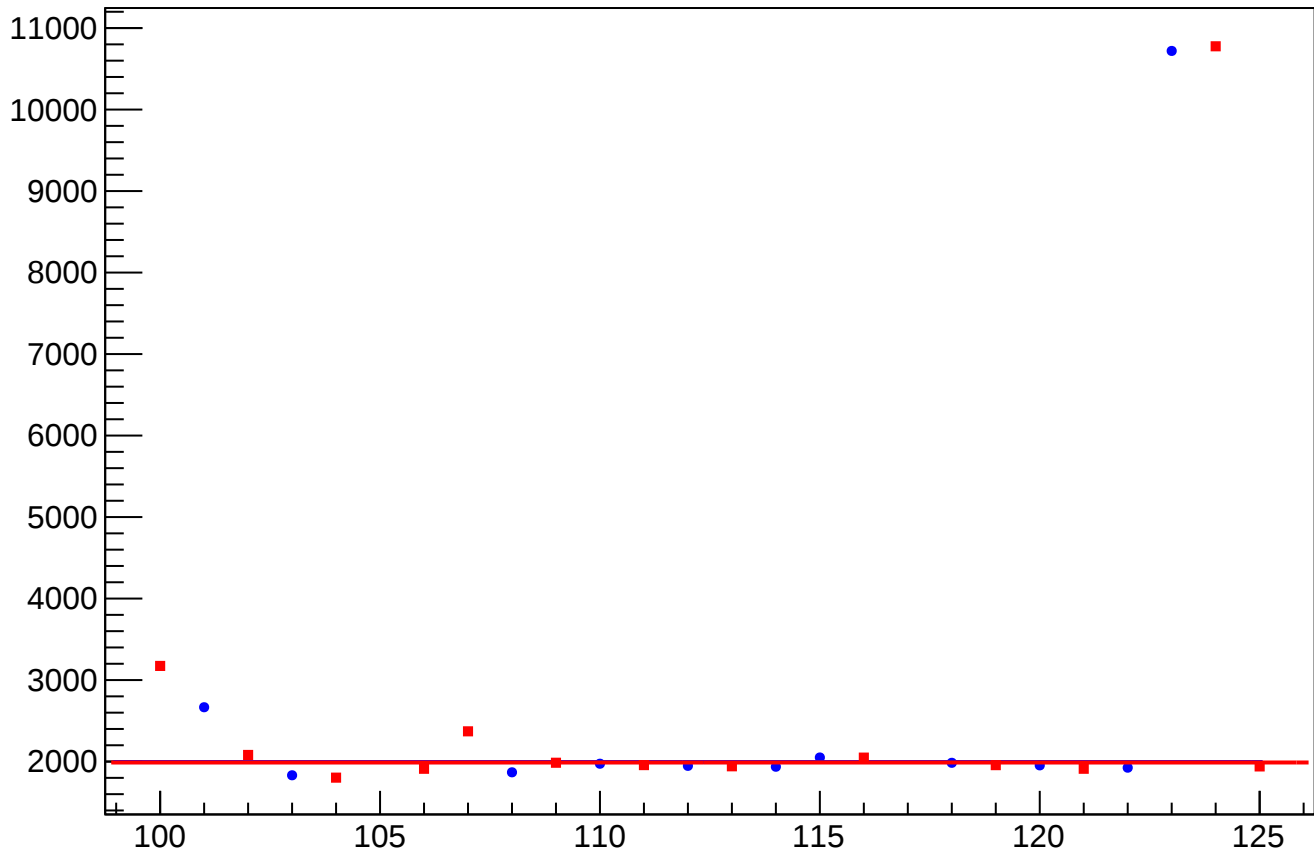
Right: 1696.456+/-696.320 χ^2/NDF : 13.2/23

In: 1712.471+/-1040.361 χ^2/NDF : 4.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1696.456+/-696.320 χ^2/NDF : 13.2/23

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1994.084+/-0.736 χ^2/NDF : 136296.0/10

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

Right Out: 1988.653+/-0.663 χ^2/NDF : 249159.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

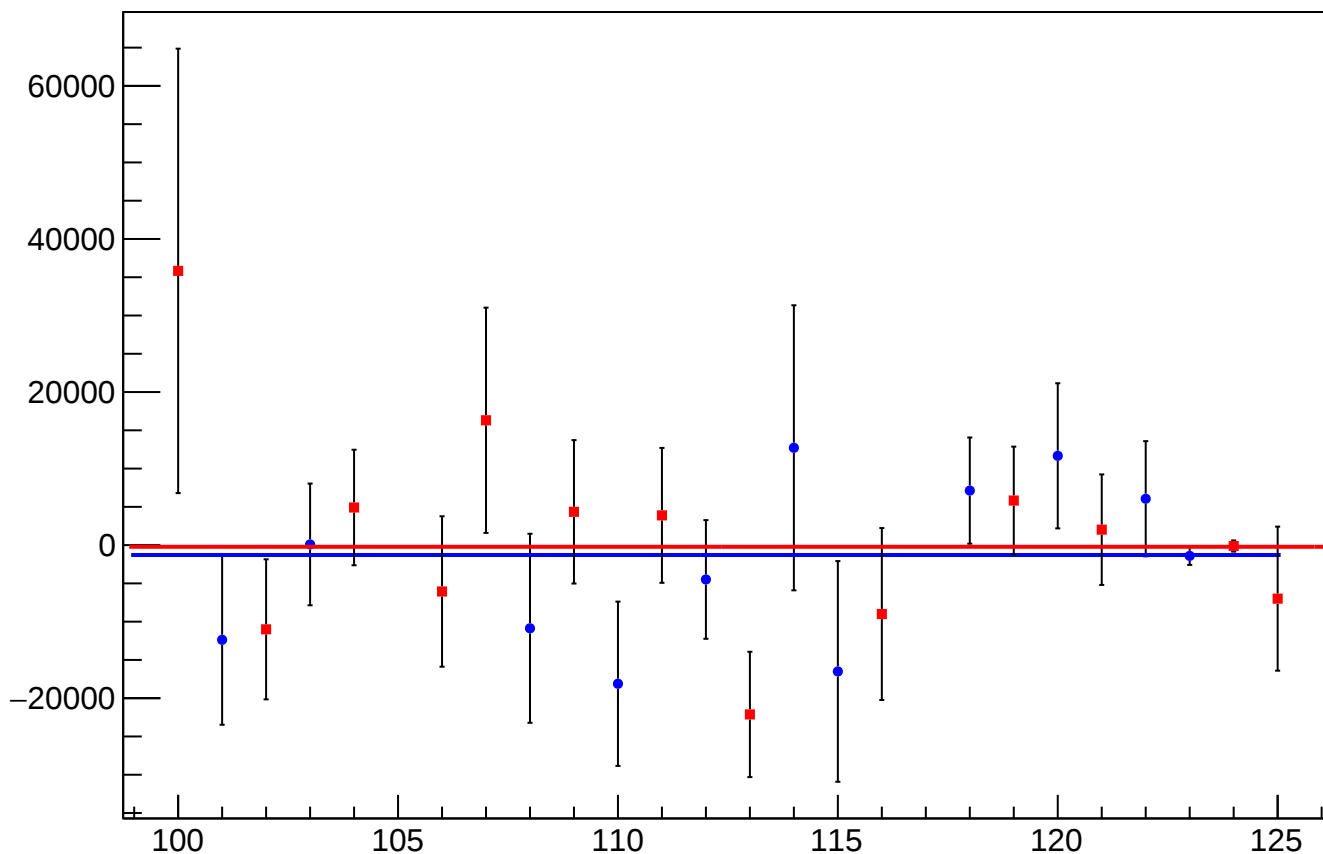
Right: 1991.086+/-0.492 χ^2/NDF : 385485.4/23

In: 1994.084+/-0.736 χ^2/NDF : 136296.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1991.086+/-0.492 χ^2/NDF : 385485.4/23

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -1289.277 ± 1093.422 χ^2/NDF : 10.2/10

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

Right Out: -215.736 ± 703.750 χ^2/NDF : 14.6/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

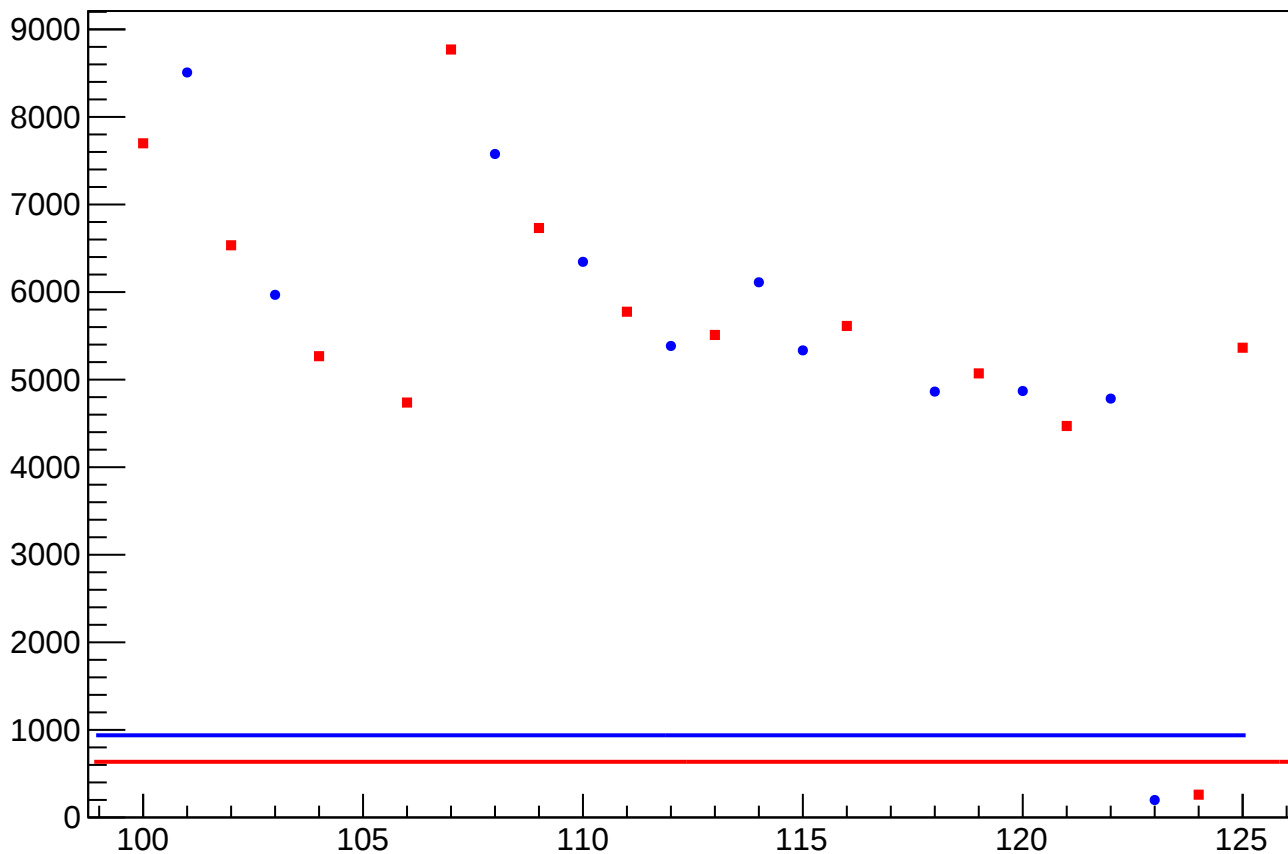
Right: -530.188 ± 591.773 χ^2/NDF : 25.5/23

In: -1289.277 ± 1093.422 χ^2/NDF : 10.2/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -530.188 ± 591.773 χ^2/NDF : 25.5/23

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 938.278+/-0.773 χ^2/NDF : 6110212.3/10

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

Right Out: 635.587+/-0.498 χ^2/NDF : 7682363.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

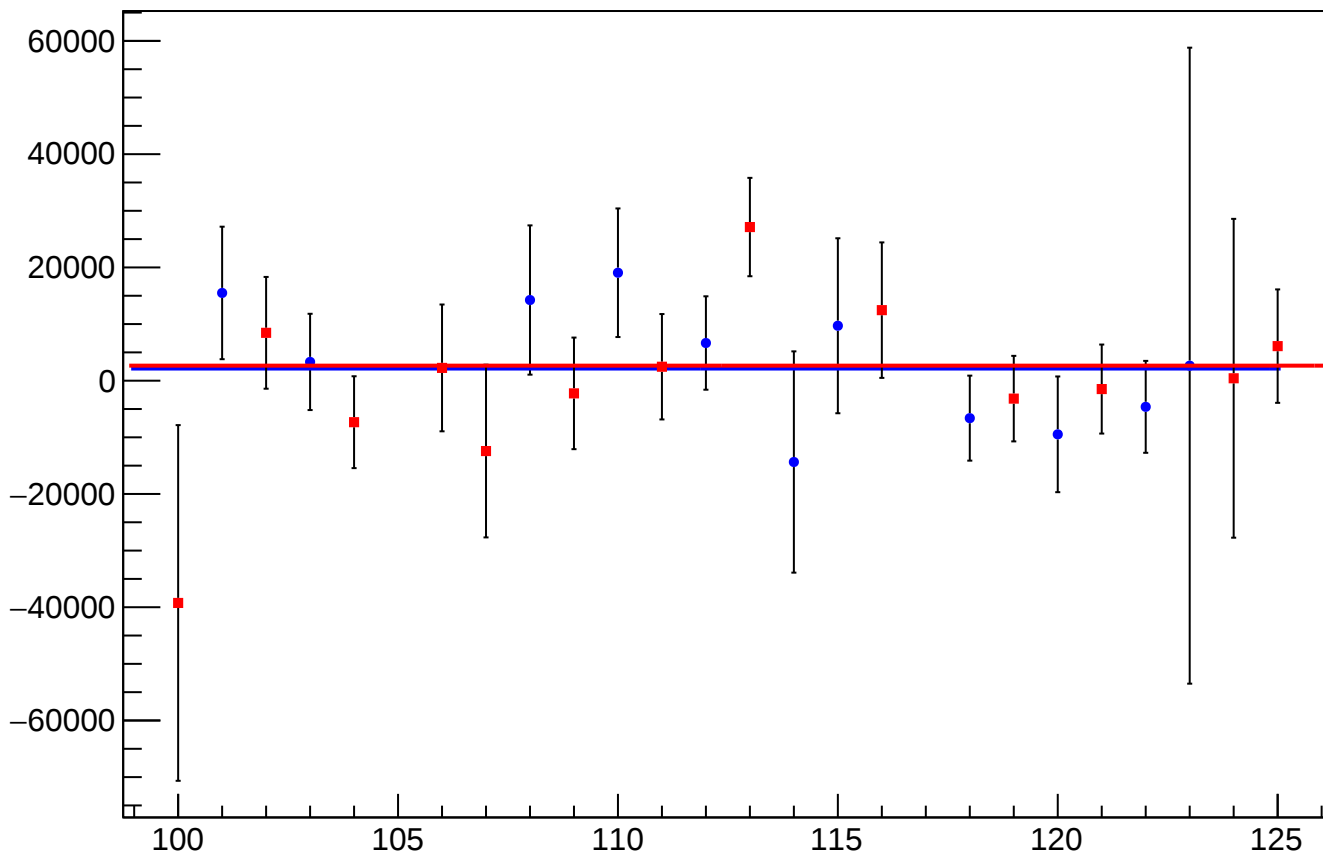
Right: 724.248+/-0.418 χ^2/NDF : 13900950.5/23

In: 938.278+/-0.773 χ^2/NDF : 6110212.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 724.248+/-0.418 χ^2/NDF : 13900950.5/23

asym_atl2_mean vs Slug, Sign Corrected



Right In: 2146.893+/-3178.118 χ^2/NDF : 9.0/10

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

Right Out: 2657.333+/-2819.255 χ^2/NDF : 14.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

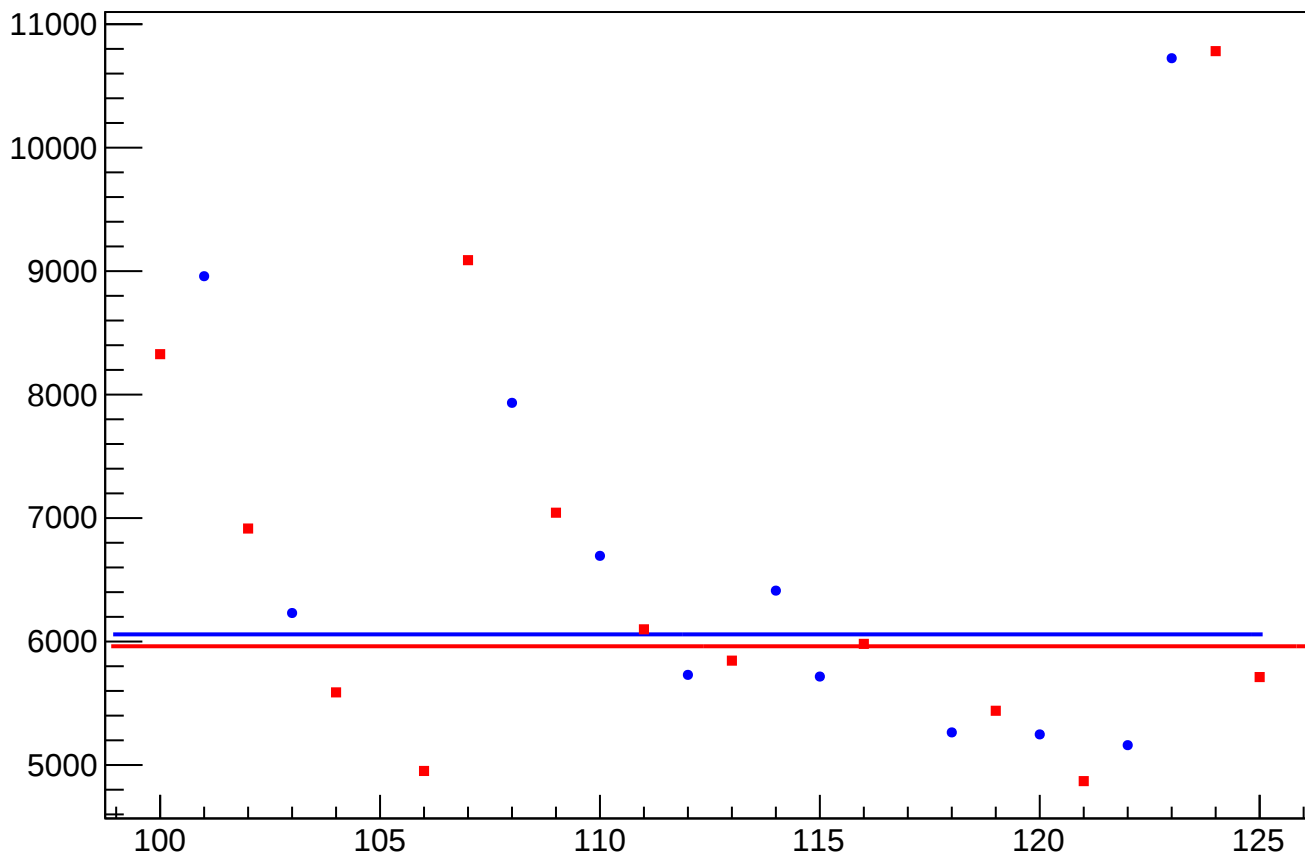
Right: 2432.547+/-2109.027 χ^2/NDF : 23.5/23

In: 2146.893+/-3178.118 χ^2/NDF : 9.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2432.547+/-2109.027 χ^2/NDF : 23.5/23

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6058.093+/-2.247 χ^2/NDF : 248584.0/10

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

Right Out: 5961.711+/-1.993 χ^2/NDF : 267670.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

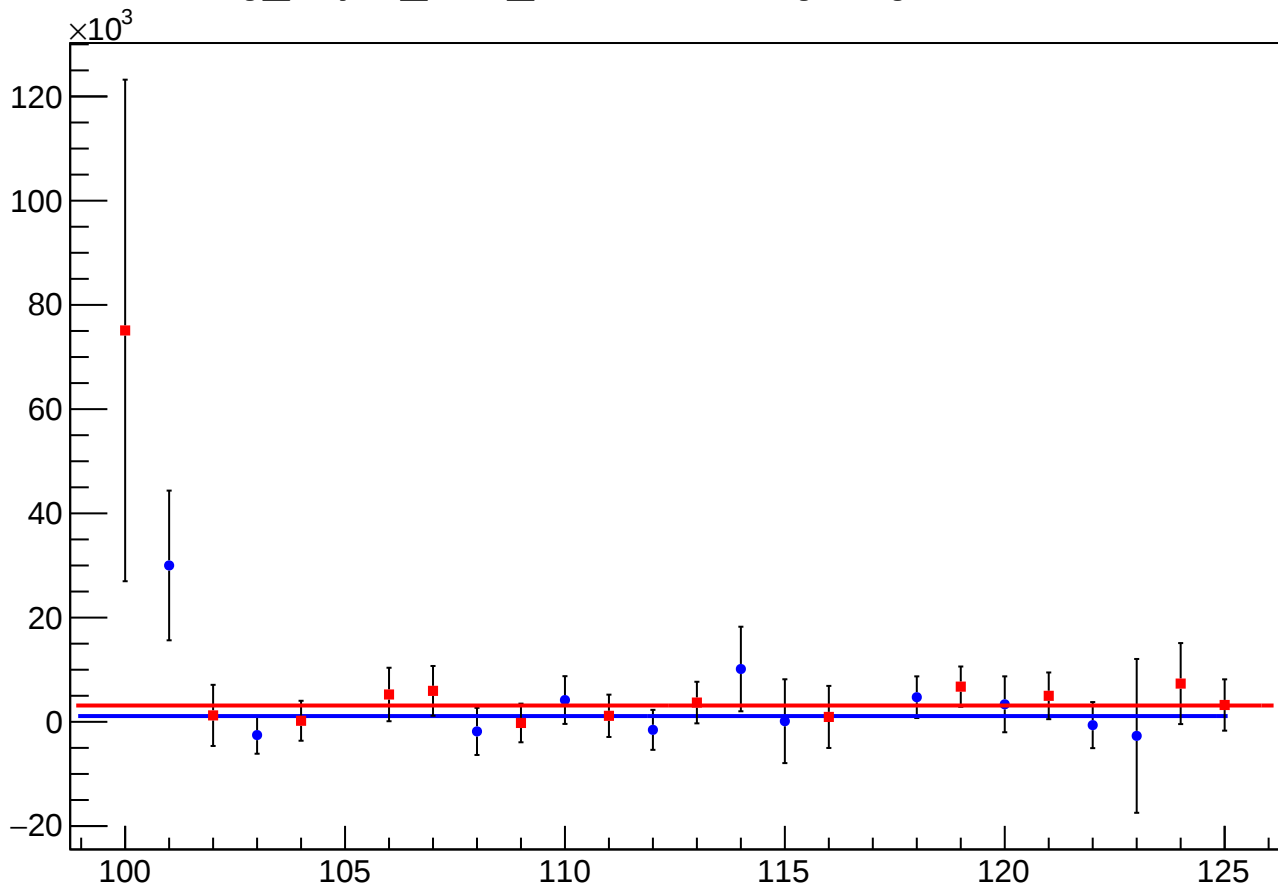
Right: 6004.153+/-1.491 χ^2/NDF : 517283.9/23

In: 6058.093+/-2.247 χ^2/NDF : 248584.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6004.153+/-1.491 χ^2/NDF : 517283.9/23

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1106.751+/-1523.373 χ^2/NDF : 8.9/10

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

Right Out: 3131.812+/-1314.611 χ^2/NDF : 6.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

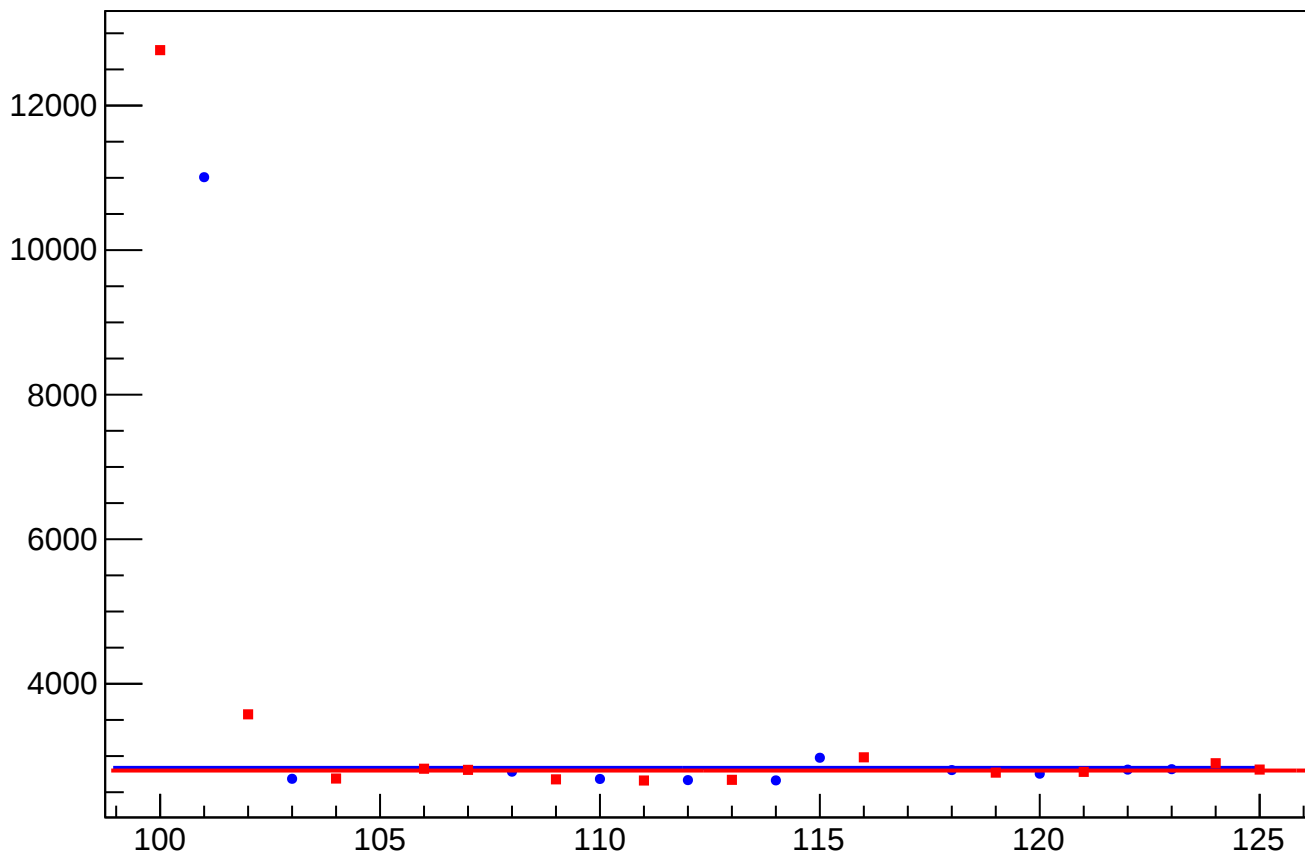
Right: 2267.444+/-995.260 χ^2/NDF : 15.9/23

In: 1106.751+/-1523.373 χ^2/NDF : 8.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2267.444+/-995.260 χ^2/NDF : 15.9/23

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2836.722+/-1.077 χ^2/NDF : 659644.5/10

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

Right Out: 2799.788+/-0.930 χ^2/NDF : 131628.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

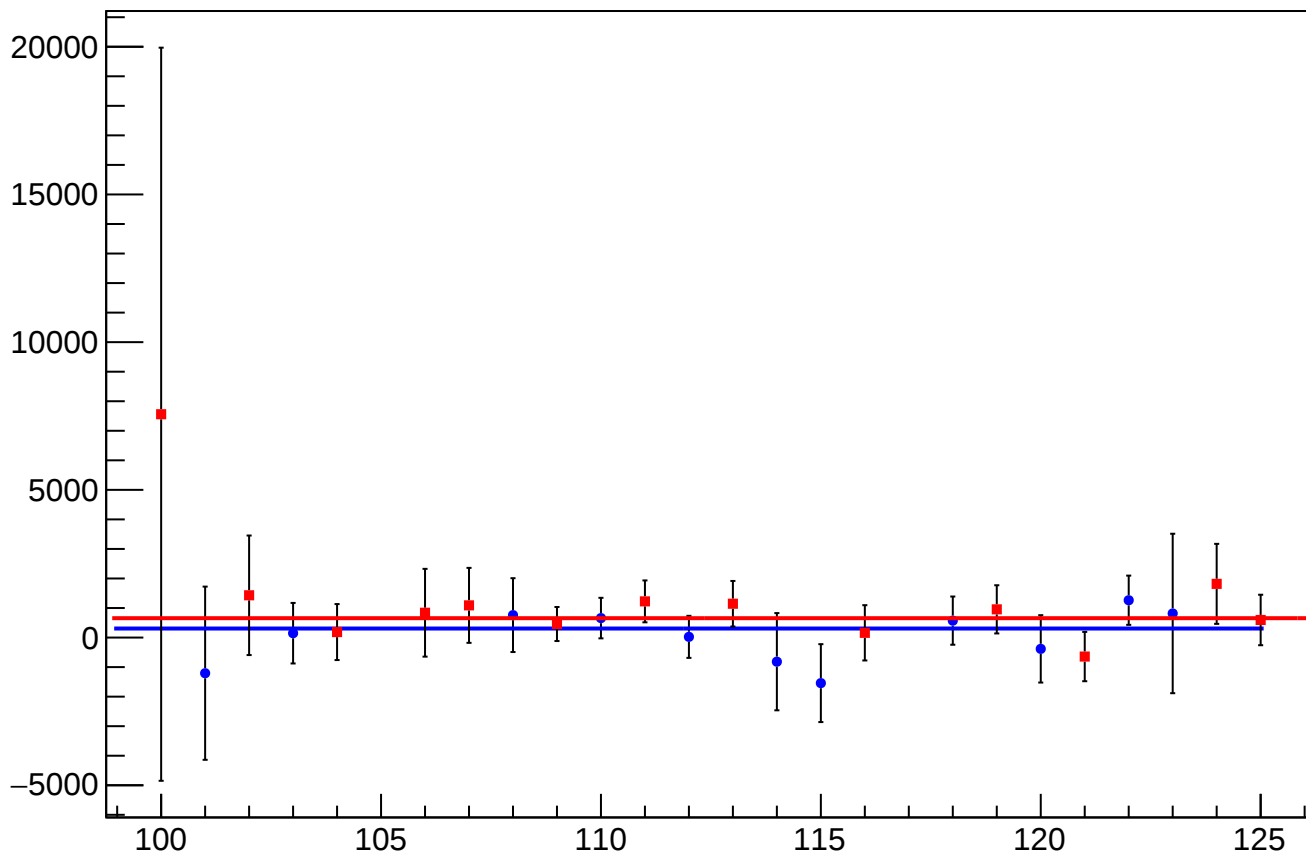
Right: 2815.553+/-0.704 χ^2/NDF : 791947.2/23

In: 2836.722+/-1.077 χ^2/NDF : 659644.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2815.553+/-0.704 χ^2/NDF : 791947.2/23

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: 306.039+/-307.139 χ^2/NDF : 5.1/10

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

Right Out: 655.764+/-257.191 χ^2/NDF : 5.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

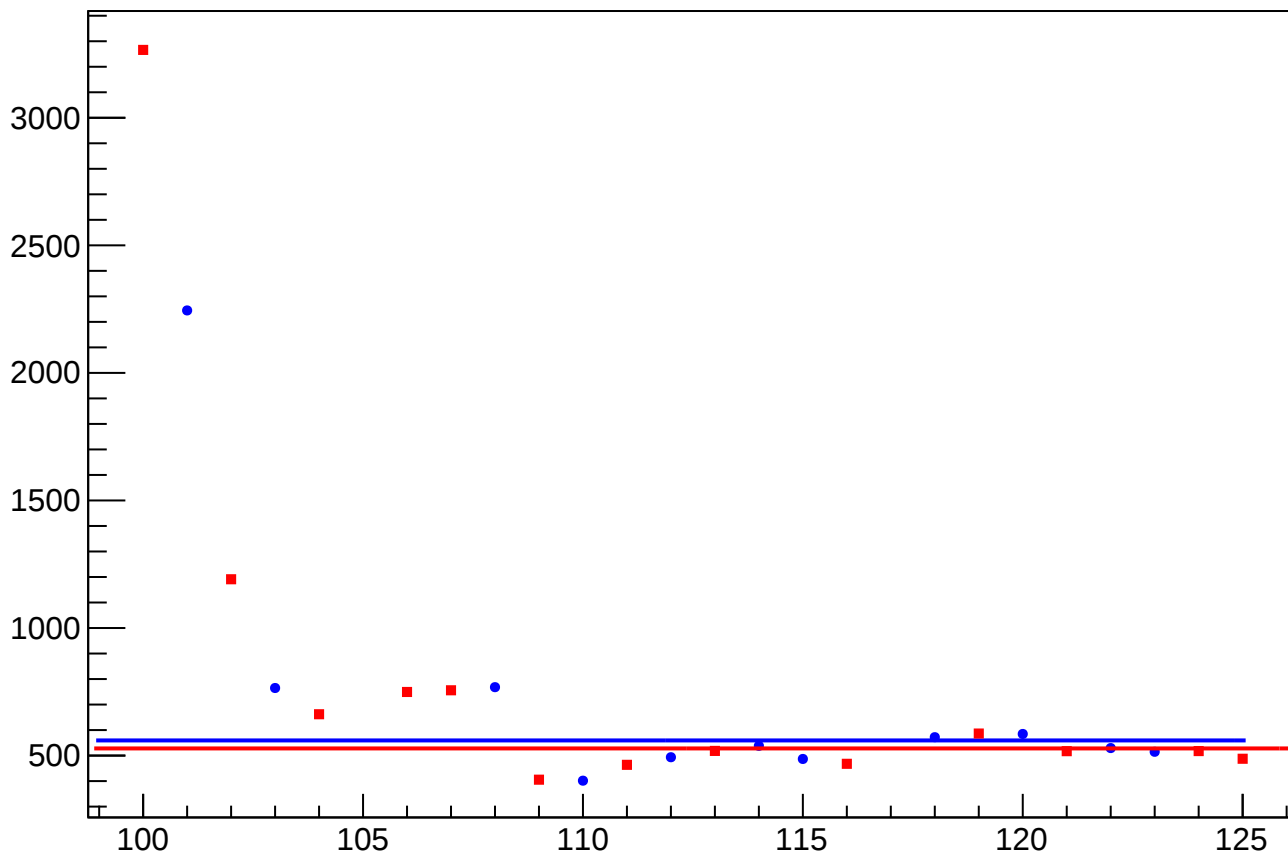
Right: 511.614+/-197.187 χ^2/NDF : 11.4/23

In: 306.039+/-307.139 χ^2/NDF : 5.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 511.614+/-197.187 χ^2/NDF : 11.4/23

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 559.399+/-0.217 χ^2/NDF : 931216.6/10

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

Right Out: 528.011+/-0.182 χ^2/NDF : 591774.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

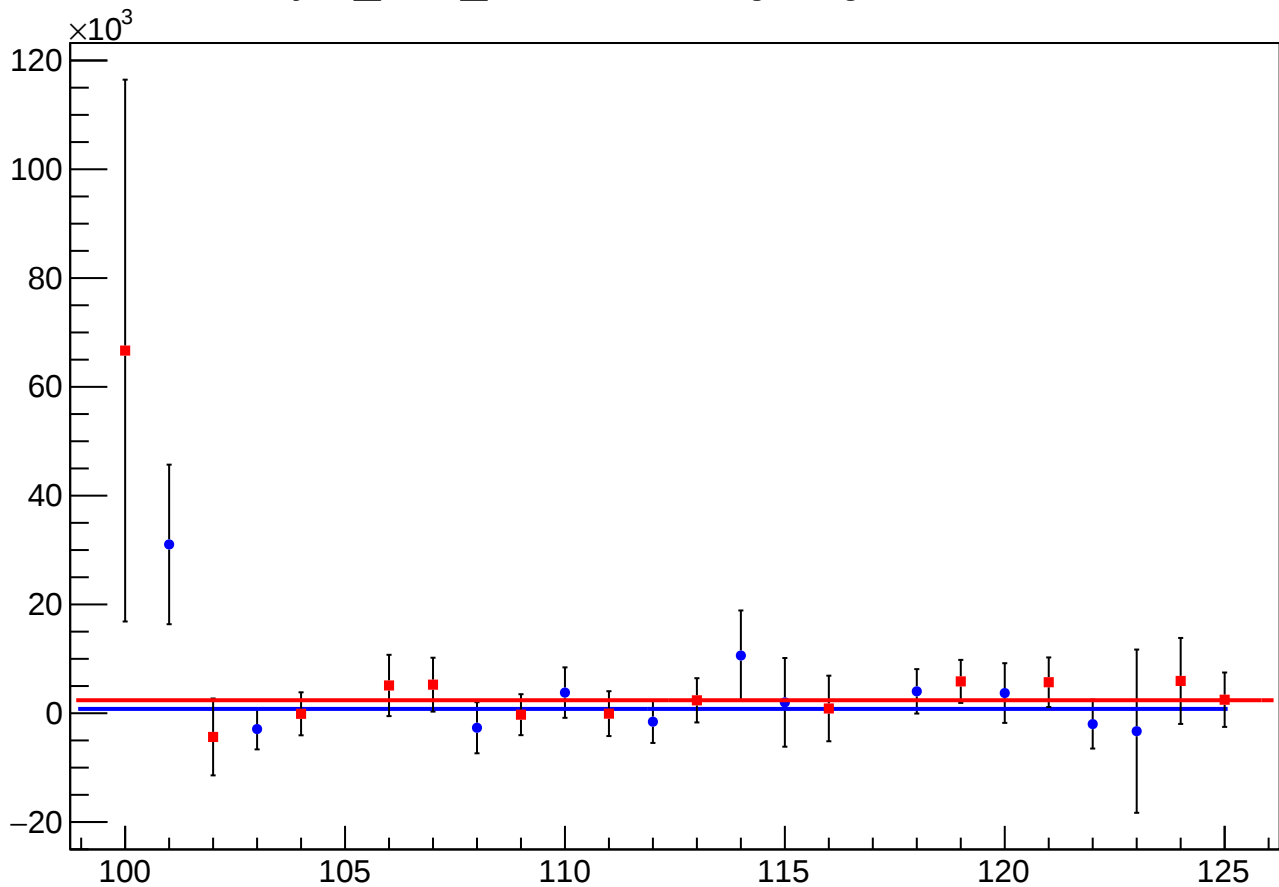
Right: 540.948+/-0.139 χ^2/NDF : 1535269.3/23

In: 559.399+/-0.217 χ^2/NDF : 931216.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 540.948+/-0.139 χ^2/NDF : 1535269.3/23

asym_atr1_mean vs Slug, Sign Corrected



Right In: 793.648+/-1561.029 χ^2/NDF : 9.3/10

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

Right Out: 2390.045+/-1357.795 χ^2/NDF : 6.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

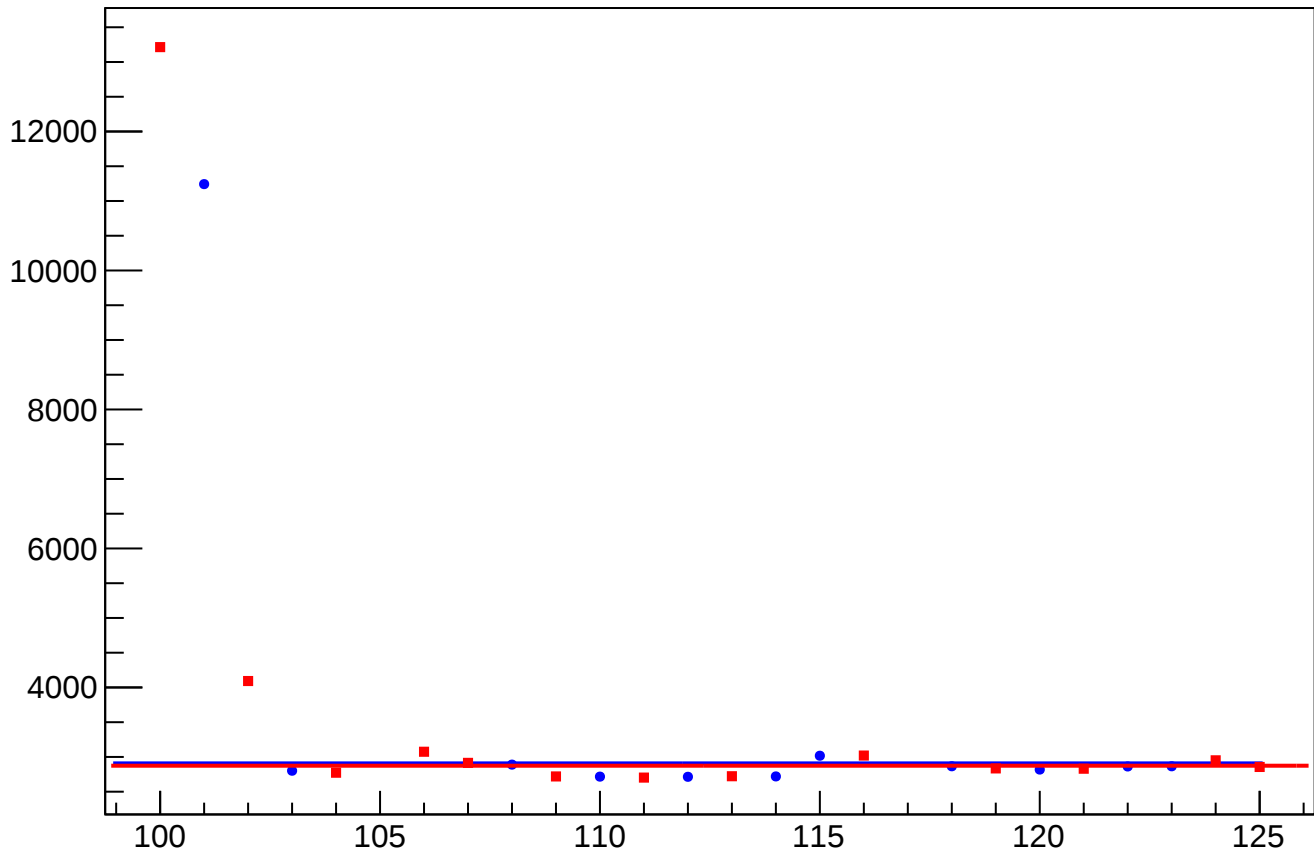
Right: 1702.465+/-1024.477 χ^2/NDF : 15.9/23

In: 793.648+/-1561.029 χ^2/NDF : 9.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1702.465+/-1024.477 χ^2/NDF : 15.9/23

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2907.276+/-1.104 χ^2/NDF : 658254.0/10

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

Right Out: 2873.875+/-0.960 χ^2/NDF : 161056.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

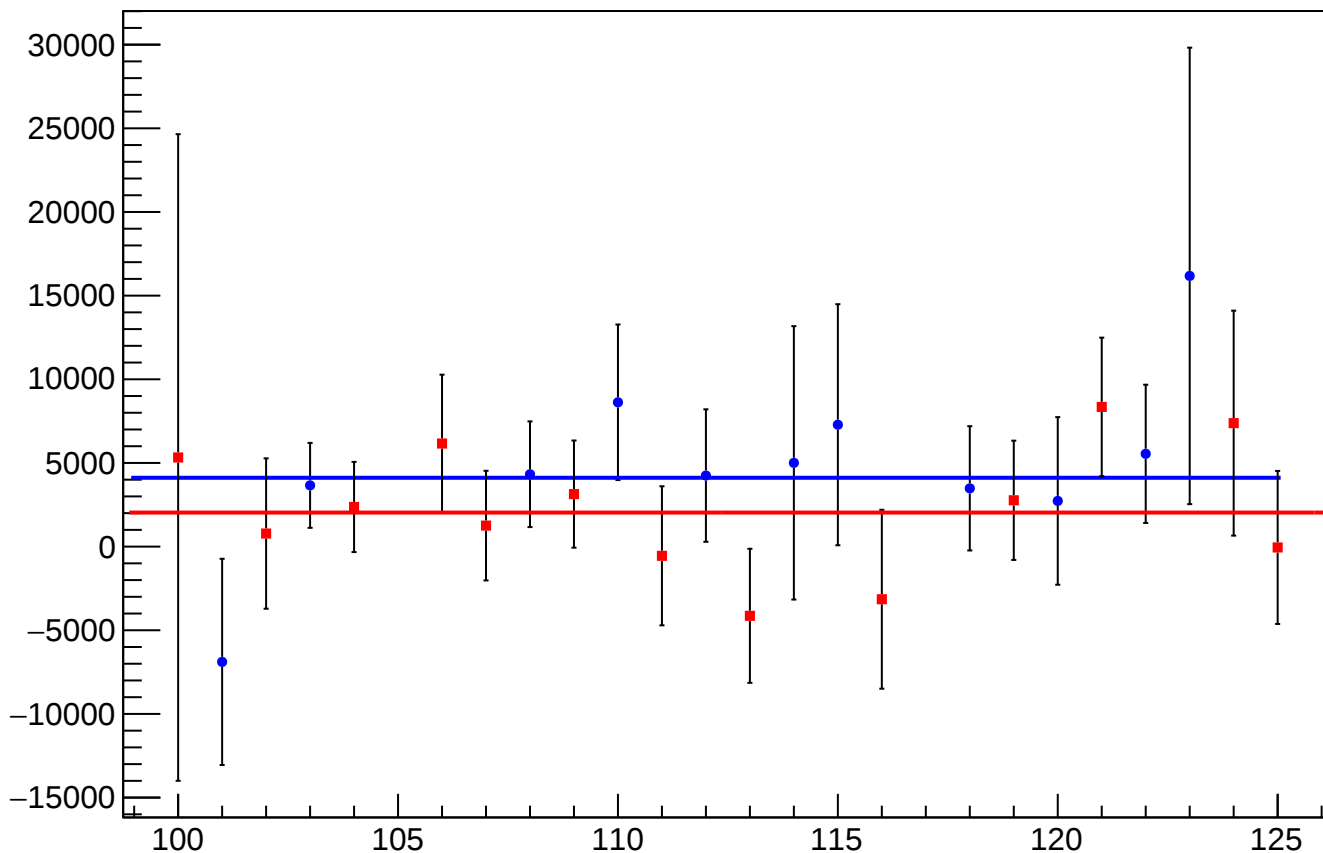
Right: 2888.261+/-0.724 χ^2/NDF : 819831.8/23

In: 2907.276+/-1.104 χ^2/NDF : 658254.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2888.261+/-0.724 χ^2/NDF : 819831.8/23

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4114.774+/-1288.336 χ^2/NDF : 5.4/10

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

Right Out: 2035.850+/-1116.849 χ^2/NDF : 8.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

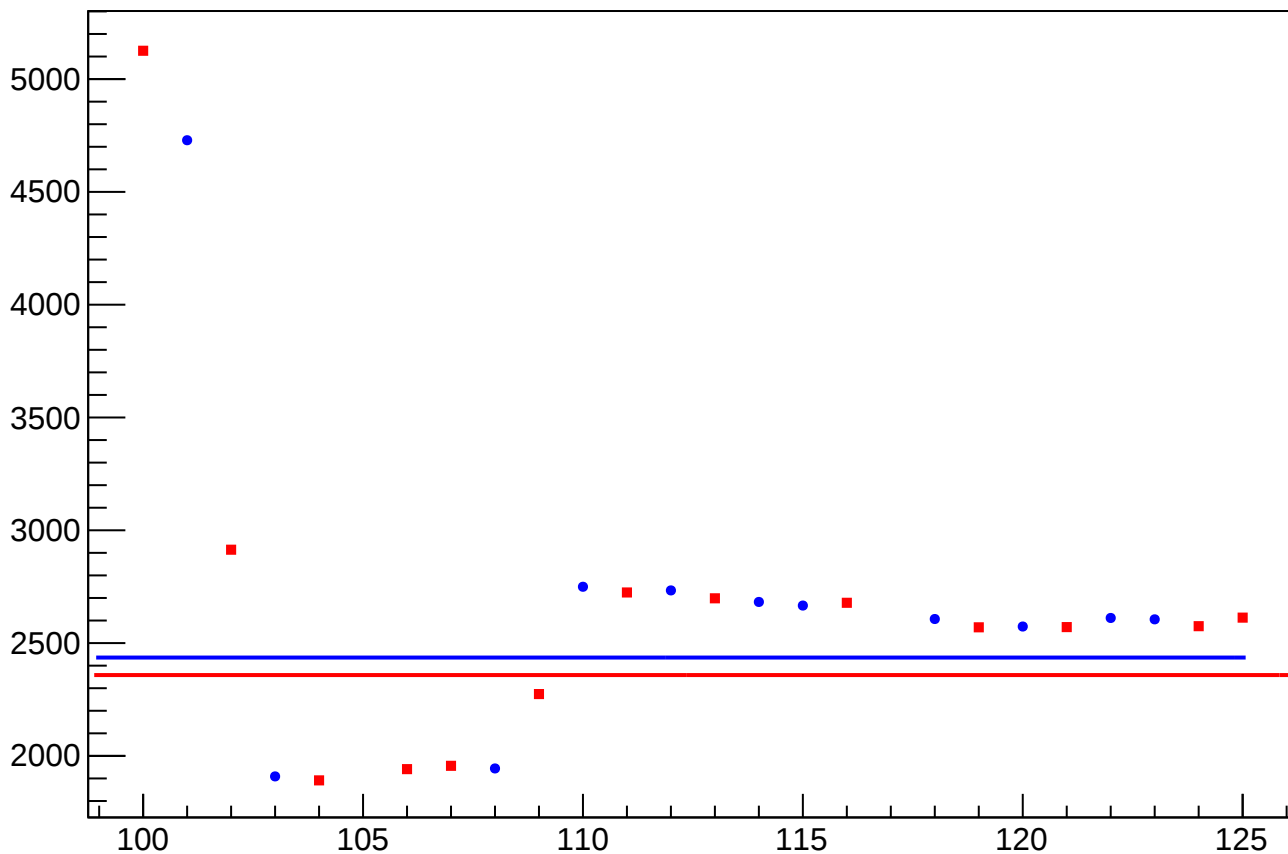
Right: 2927.837+/-843.896 χ^2/NDF : 15.1/23

In: 4114.774+/-1288.336 χ^2/NDF : 5.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2927.837+/-843.896 χ^2/NDF : 15.1/23

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2435.899+/-0.911 χ^2/NDF : 445442.4/10

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

Right Out: 2358.268+/-0.790 χ^2/NDF : 241383.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

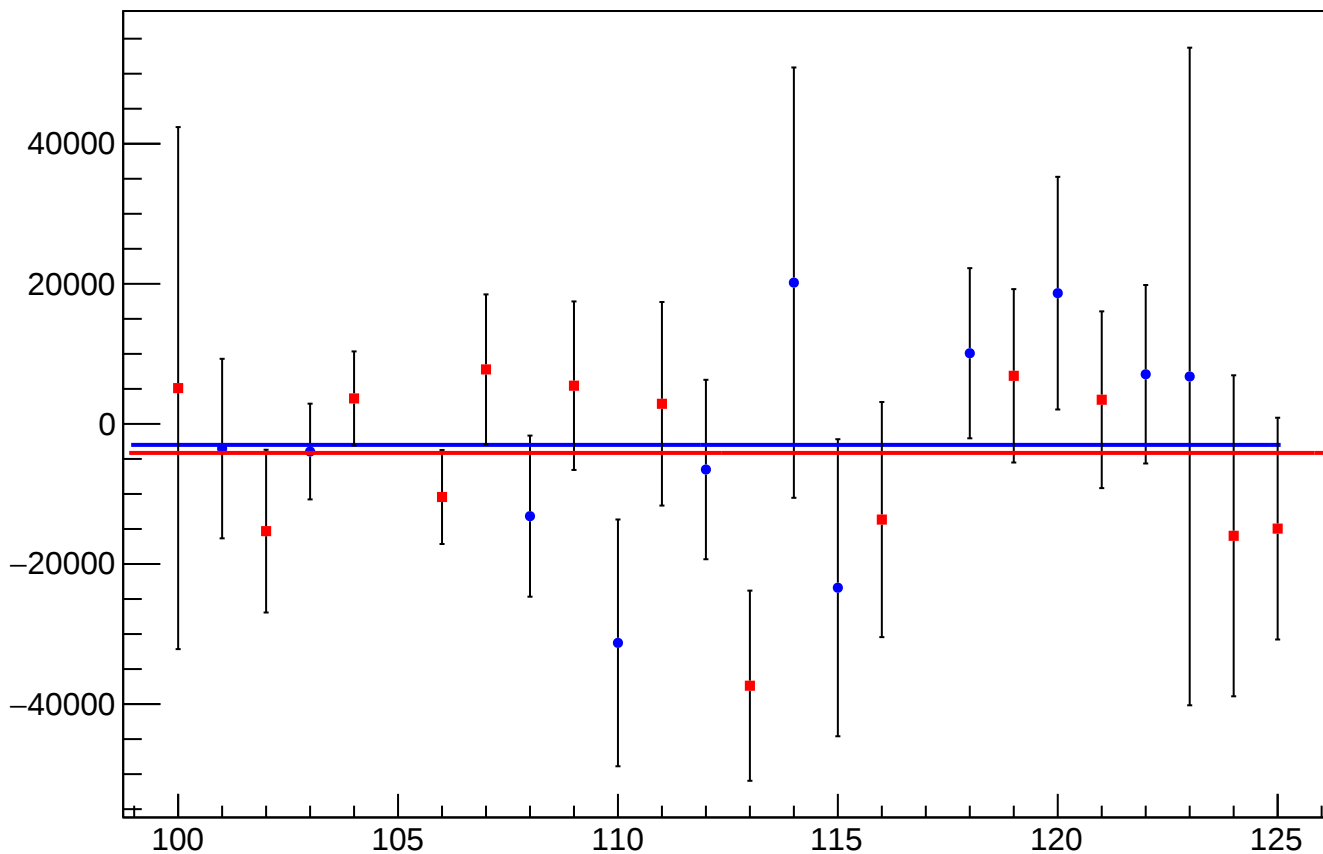
Right: 2391.576+/-0.597 χ^2/NDF : 690971.7/23

In: 2435.899+/-0.911 χ^2/NDF : 445442.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2391.576+/-0.597 χ^2/NDF : 690971.7/23

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -2993.513+/-3931.934 χ^2/NDF : 8.5/10

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

Right Out: -4141.014+/-3153.684 χ^2/NDF : 13.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

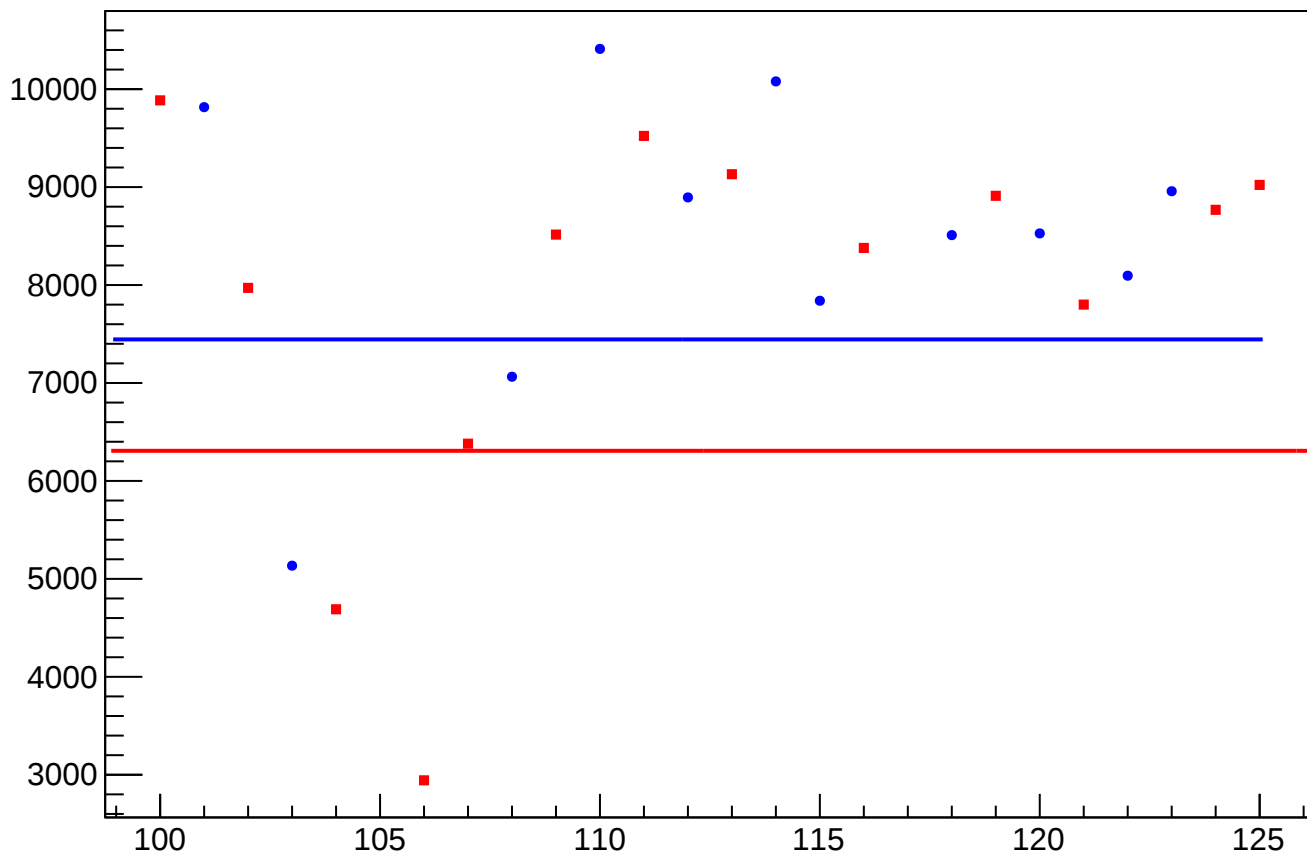
Right: -3691.797+/-2460.128 χ^2/NDF : 22.0/23

In: -2993.513+/-3931.934 χ^2/NDF : 8.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3691.797+/-2460.128 χ^2/NDF : 22.0/23

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 7444.726+/-2.780 χ^2/NDF : 428080.1/10

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

Right Out: 6307.484+/-2.230 χ^2/NDF : 1158782.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

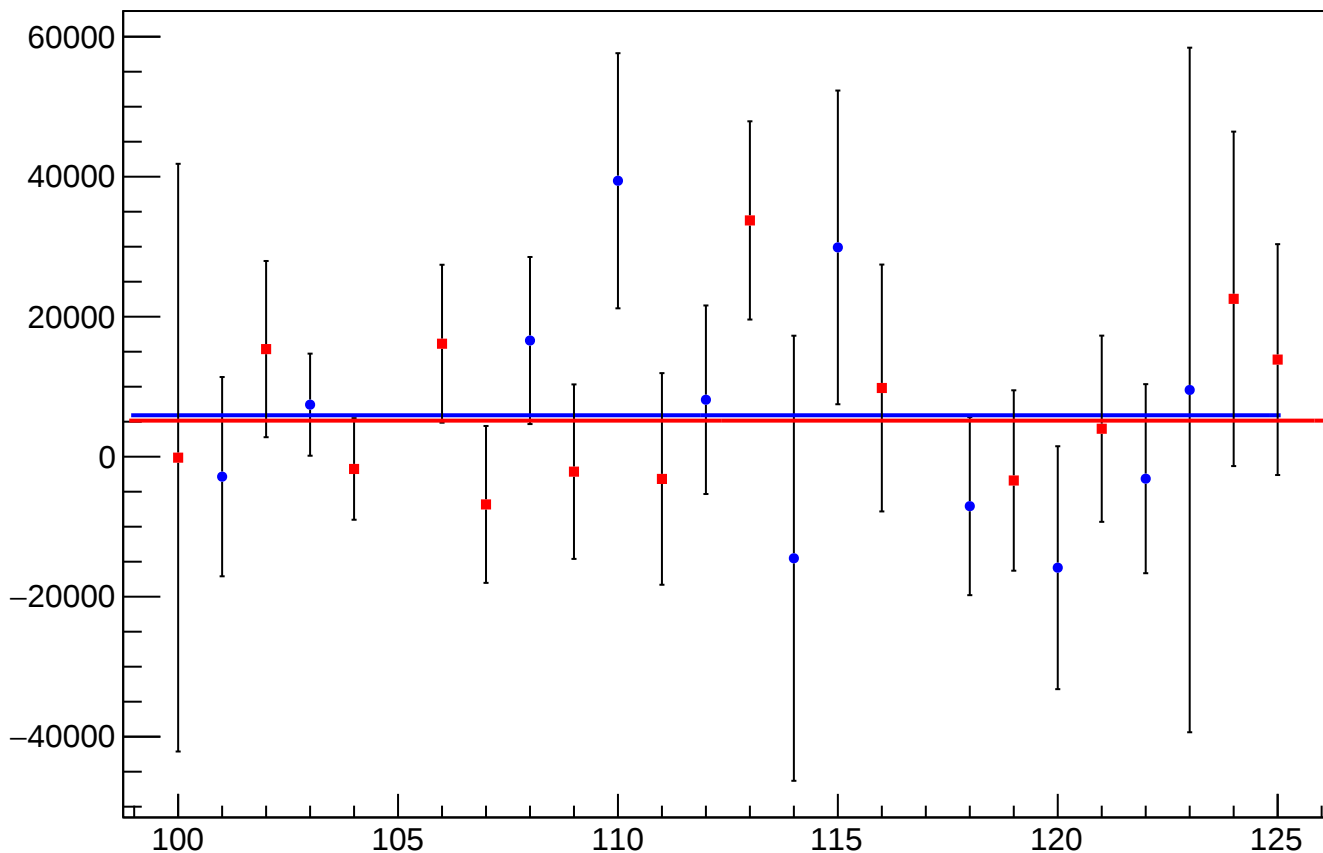
Right: 6752.684+/-1.740 χ^2/NDF : 1688675.1/23

In: 7444.726+/-2.780 χ^2/NDF : 428080.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6752.684+/-1.740 χ^2/NDF : 1688675.1/23

asym_atr2_mean vs Slug, Sign Corrected



Right In: 5918.493+/-4163.937 χ^2/NDF : 9.3/10

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

Right Out: 5152.782+/-3584.511 χ^2/NDF : 9.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

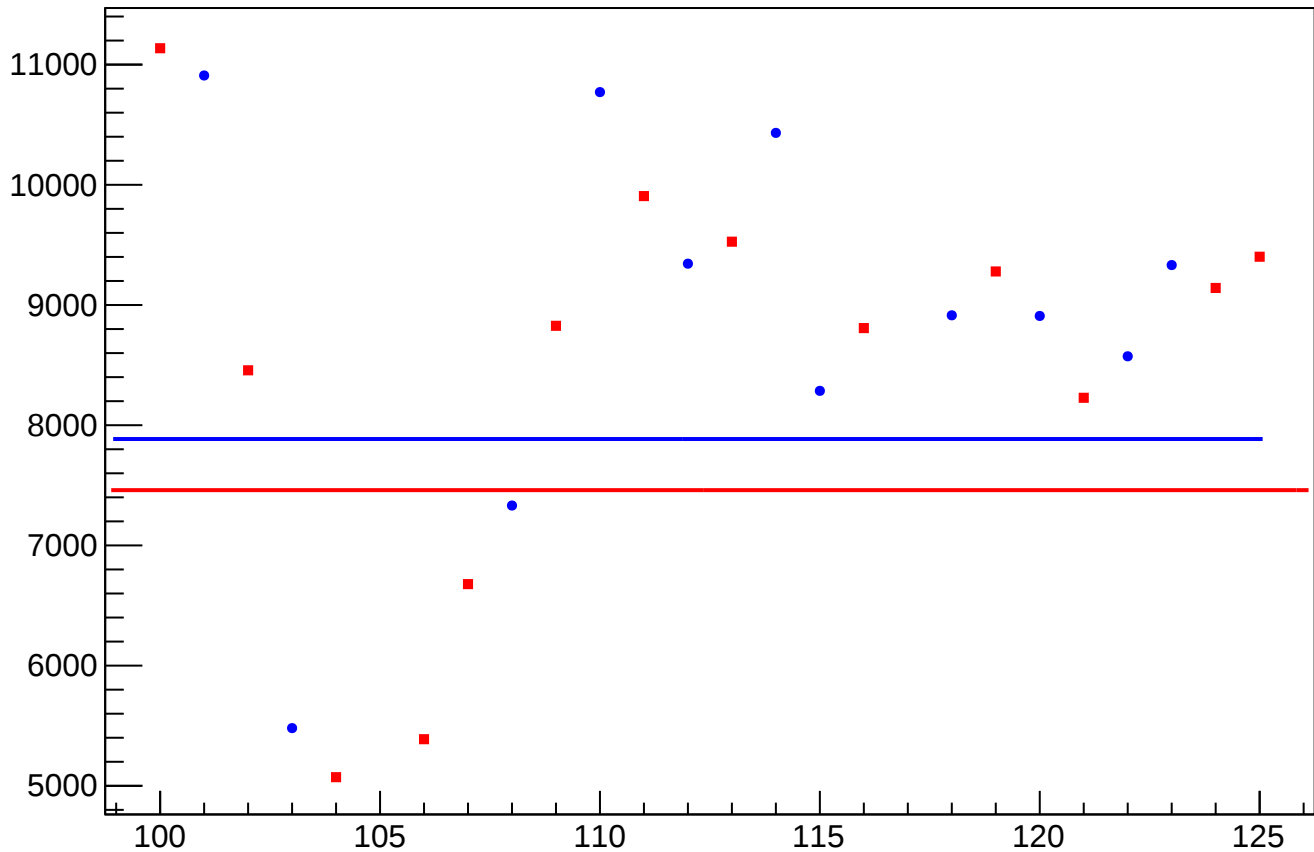
Right: 5478.697+/-2716.586 χ^2/NDF : 19.0/23

In: 5918.493+/-4163.937 χ^2/NDF : 9.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5478.697+/-2716.586 χ^2/NDF : 19.0/23

asym_atr2_rms vs Slug, Sign Corrected



Right In: 7885.183+/-2.944 χ^2/NDF : 426269.7/10

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

Right Out: 7459.832+/-2.535 χ^2/NDF : 536880.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

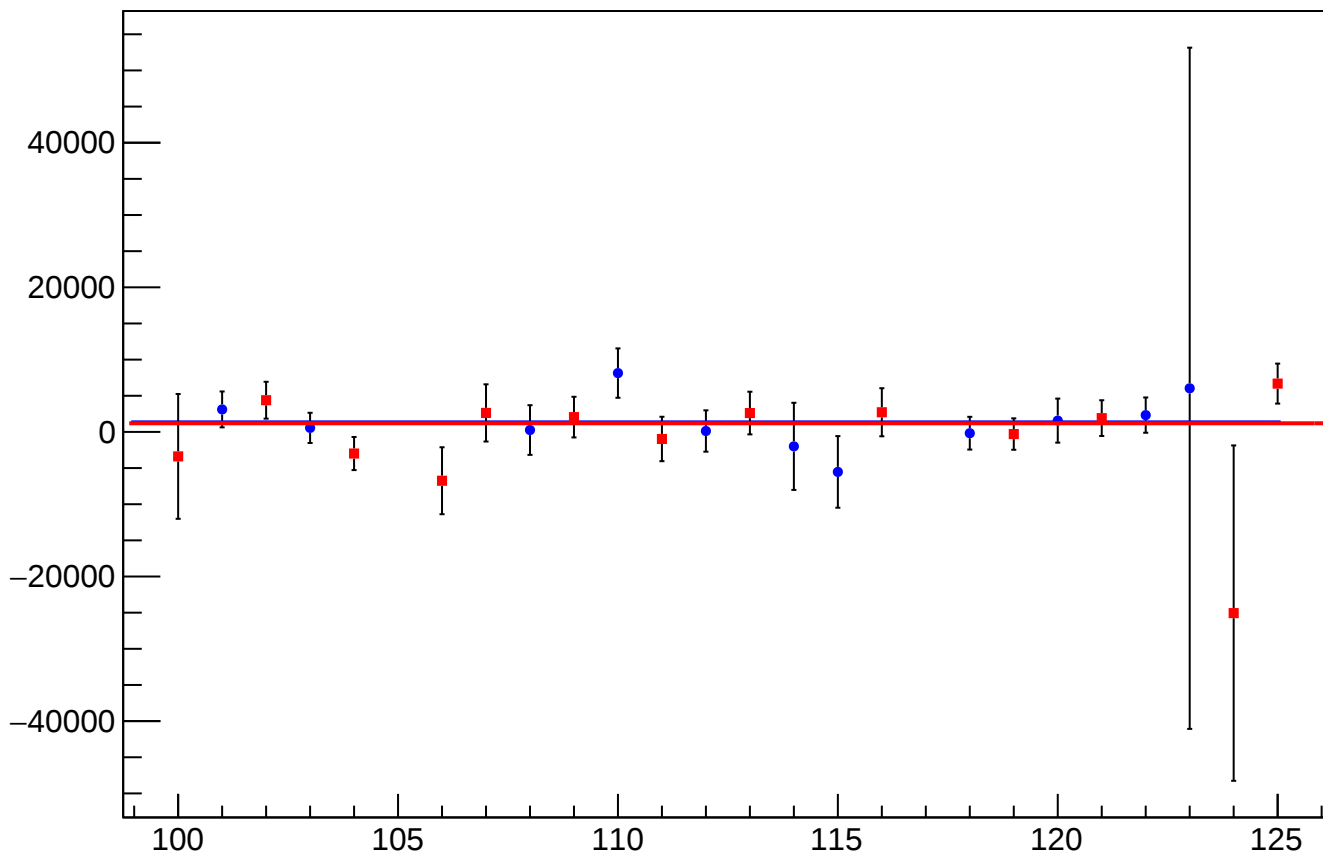
Right: 7640.867+/-1.921 χ^2/NDF : 975137.8/23

In: 7885.183+/-2.944 χ^2/NDF : 426269.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7640.867+/-1.921 χ^2/NDF : 975137.8/23

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1319.396+/-903.757 χ^2/NDF : 7.7/10

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

Right Out: 1195.349+/-840.805 χ^2/NDF : 15.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

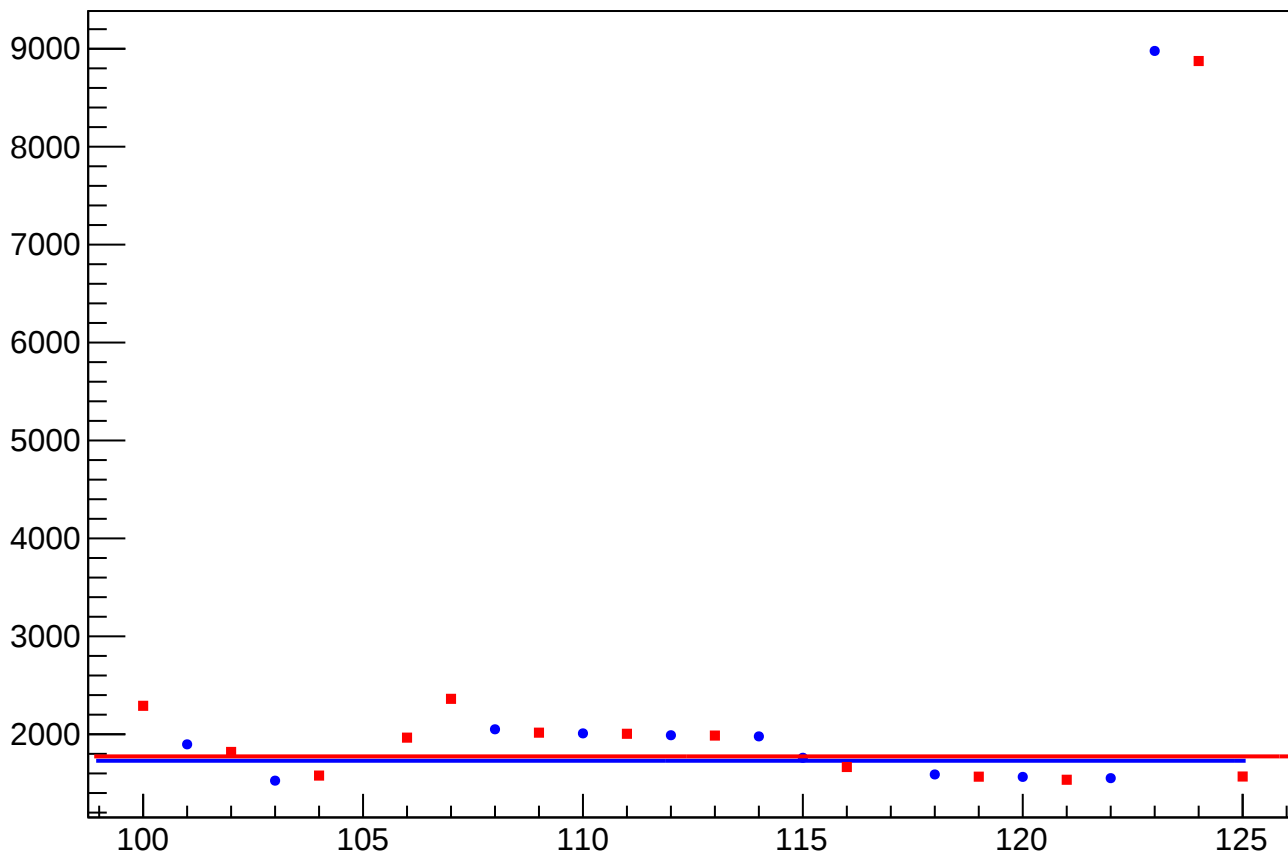
Right: 1252.902+/-615.592 χ^2/NDF : 22.8/23

In: 1319.396+/-903.757 χ^2/NDF : 7.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1252.902+/-615.592 χ^2/NDF : 22.8/23

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1729.476+/-0.639 χ^2/NDF : 150492.0/10

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

Right Out: 1774.054+/-0.590 χ^2/NDF : 345406.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

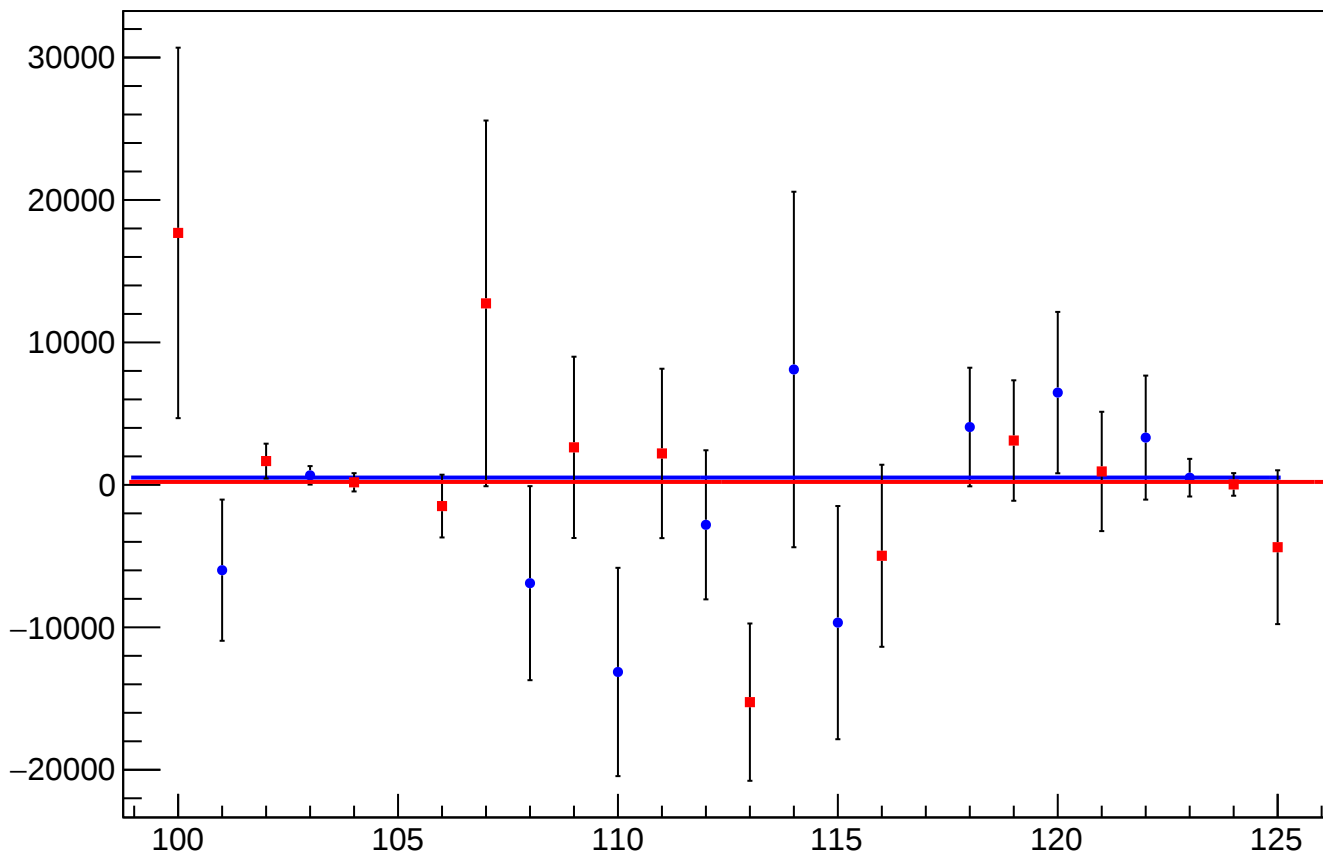
Right: 1753.526+/-0.434 χ^2/NDF : 498523.8/23

In: 1729.476+/-0.639 χ^2/NDF : 150492.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1753.526+/-0.434 χ^2/NDF : 498523.8/23

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 514.135+/-556.374 χ^2/NDF : 11.0/10

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

Right Out: 207.319+/-439.889 χ^2/NDF : 14.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

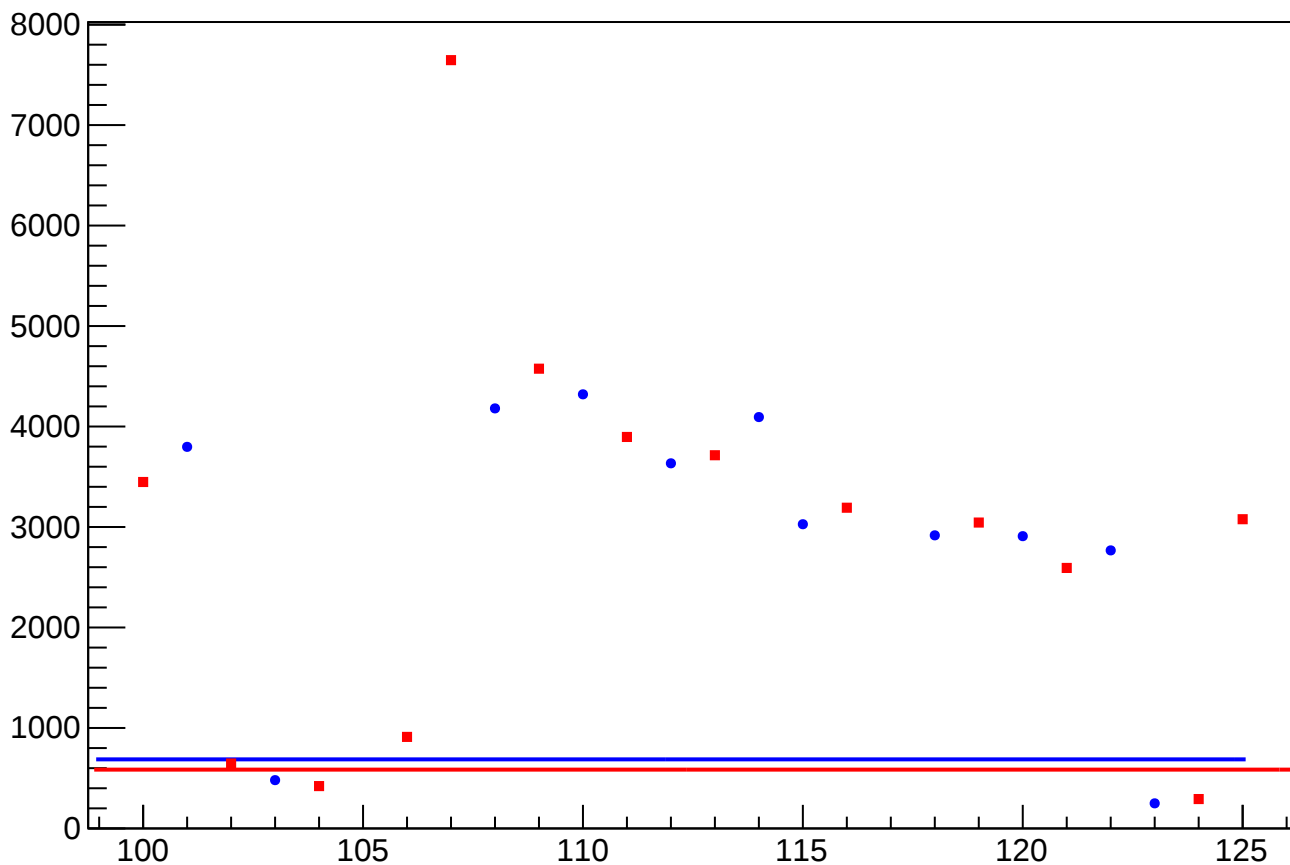
Right: 325.338+/-345.067 χ^2/NDF : 26.0/23

In: 514.135+/-556.374 χ^2/NDF : 11.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 325.338+/-345.067 χ^2/NDF : 26.0/23

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 687.591+/-0.393 χ^2/NDF : 4514049.0/10

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

Right Out: 585.479+/-0.311 χ^2/NDF : 5096956.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

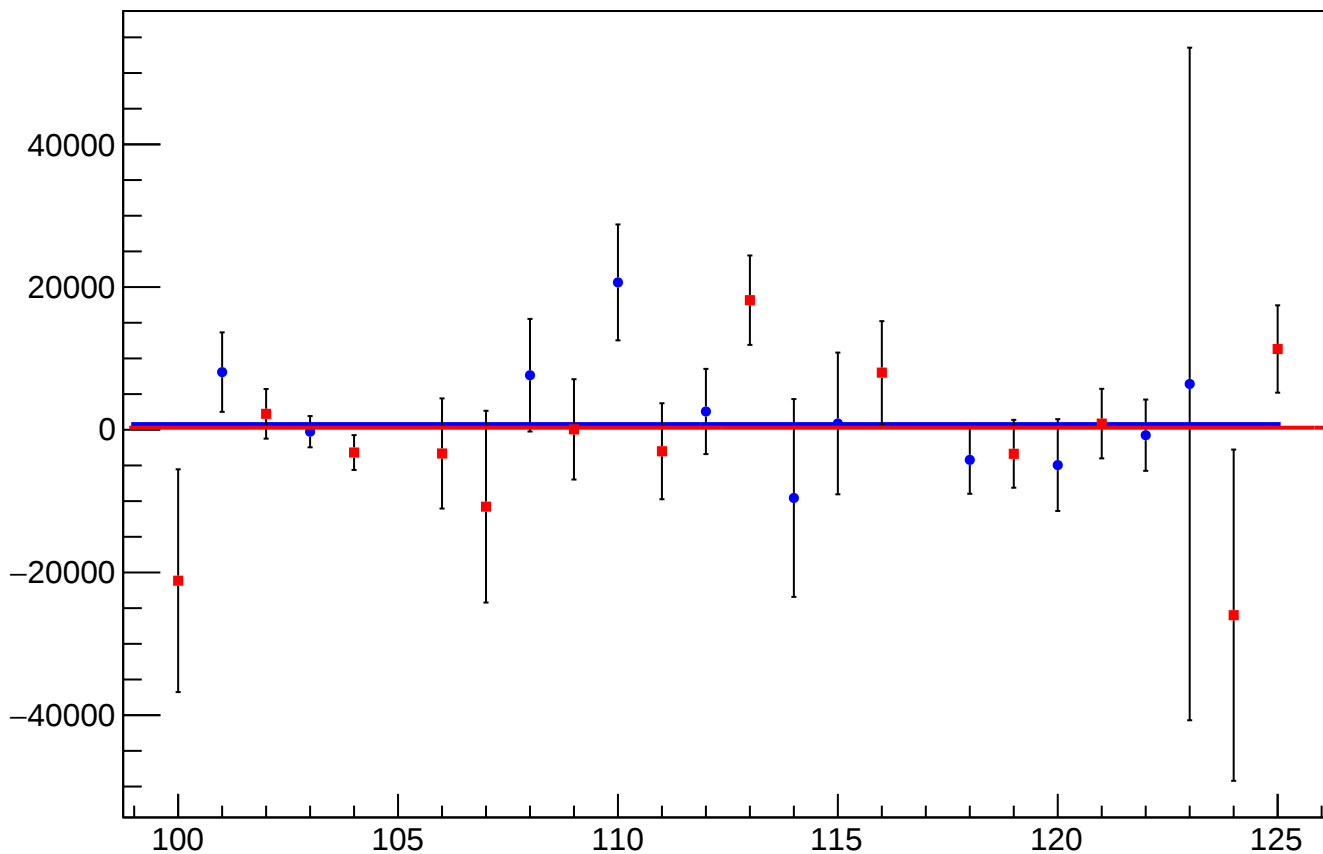
Right: 624.757+/-0.244 χ^2/NDF : 9652459.8/23

In: 687.591+/-0.393 χ^2/NDF : 4514049.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 624.757+/-0.244 χ^2/NDF : 9652459.8/23

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 795.519+/-1534.686 χ^2/NDF : 11.3/10

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

Right Out: 292.727+/-1445.241 χ^2/NDF : 19.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

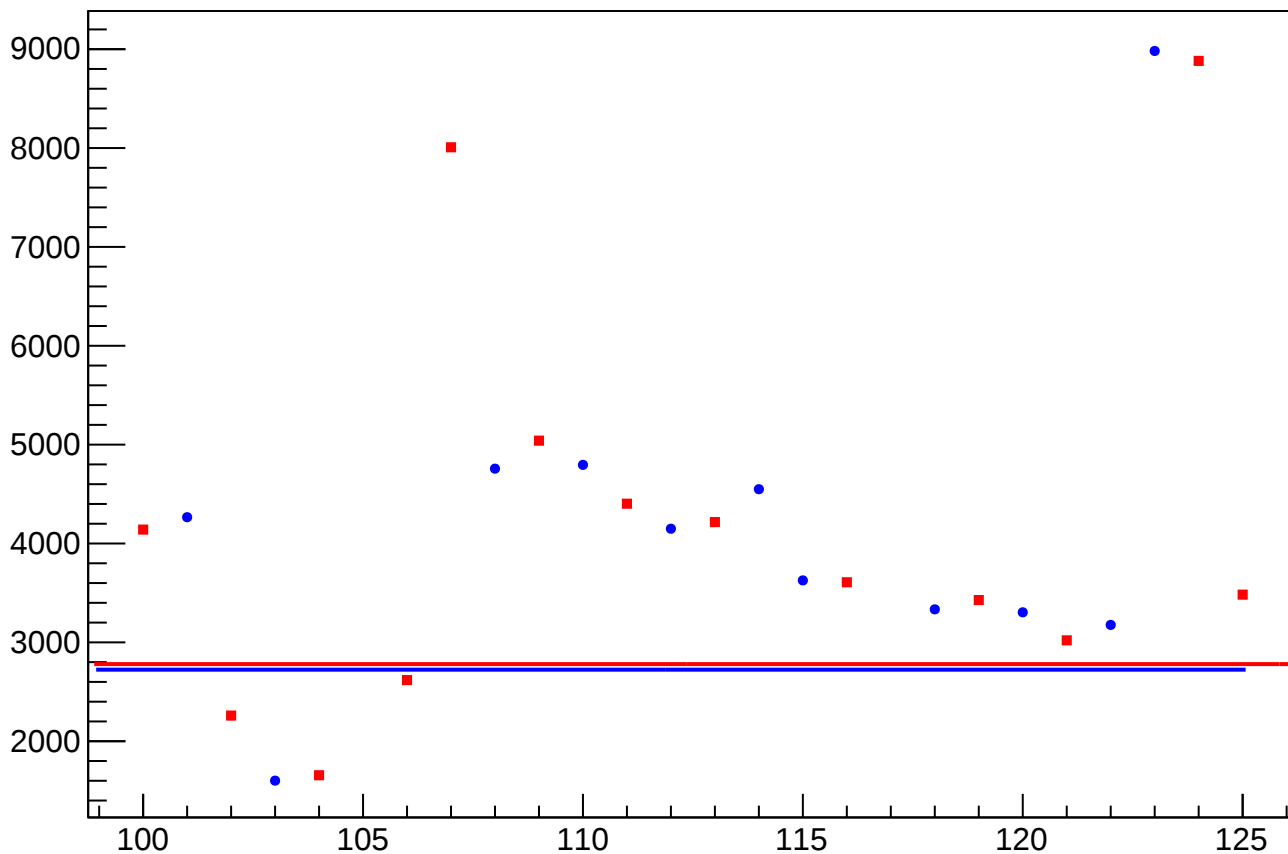
Right: 529.045+/-1052.140 χ^2/NDF : 31.2/23

In: 795.519+/-1534.686 χ^2/NDF : 11.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 529.045+/-1052.140 χ^2/NDF : 31.2/23

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 2723.905+/-1.085 χ^2/NDF : 1208457.8/10

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

Right Out: 2780.187+/-1.003 χ^2/NDF : 1449877.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

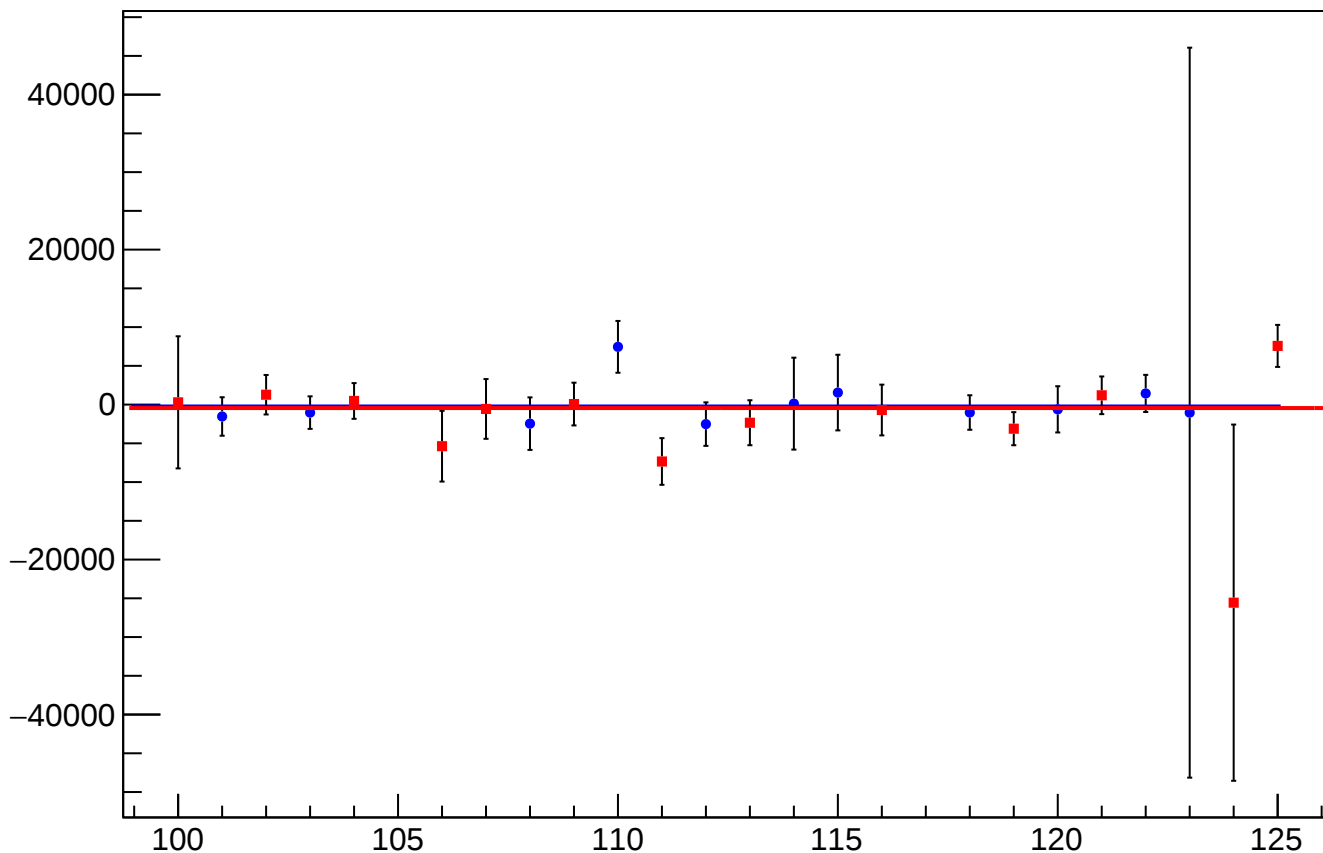
Right: 2754.248+/-0.737 χ^2/NDF : 2659785.1/23

In: 2723.905+/-1.085 χ^2/NDF : 1208457.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2754.248+/-0.737 χ^2/NDF : 2659785.1/23

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -244.640+/-894.023 χ^2/NDF : 7.6/10

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

Right Out: -446.875+/-830.023 χ^2/NDF : 19.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

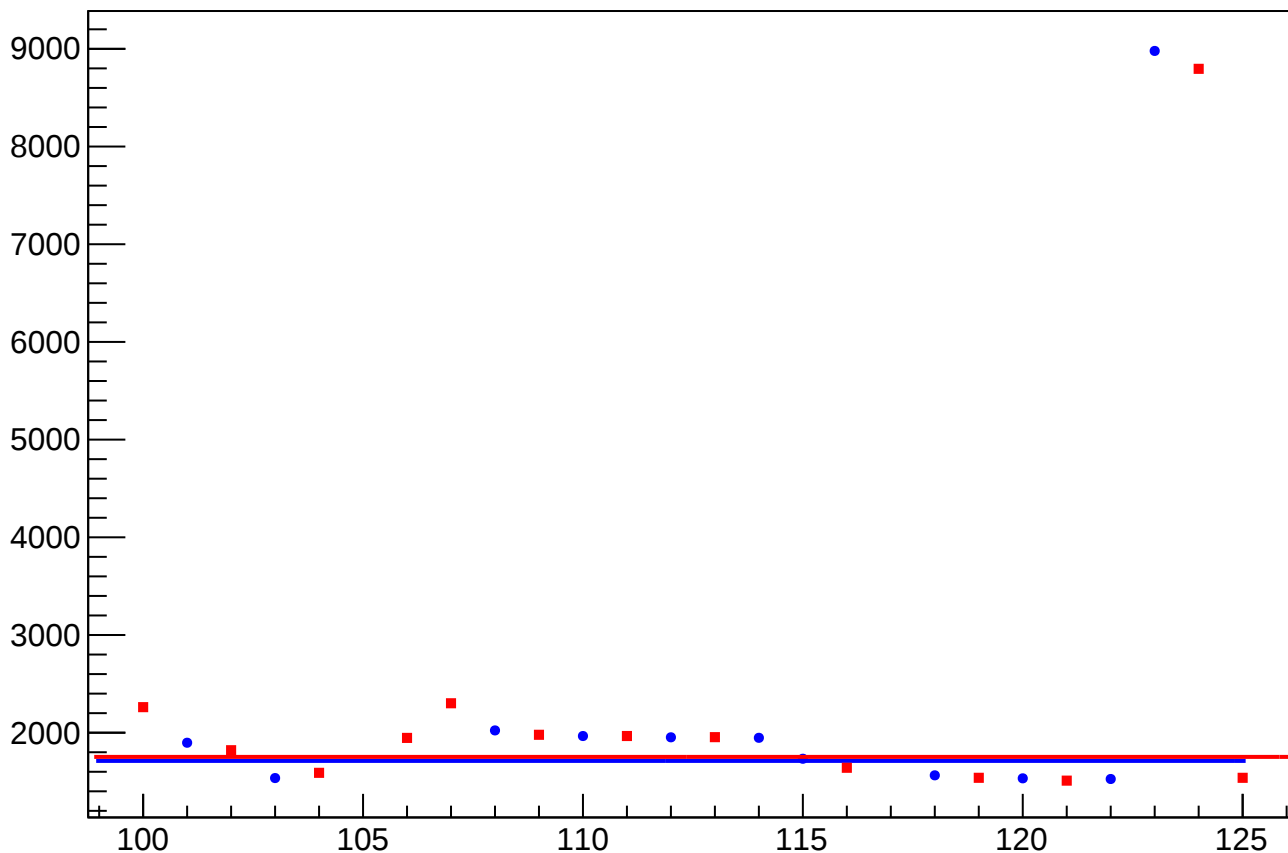
Right: -353.254+/-608.283 χ^2/NDF : 27.0/23

In: -244.640+/-894.023 χ^2/NDF : 7.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -353.254+/-608.283 χ^2/NDF : 27.0/23

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1711.189+/-0.632 χ^2/NDF : 147268.1/10

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

Right Out: 1752.325+/-0.583 χ^2/NDF : 340136.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

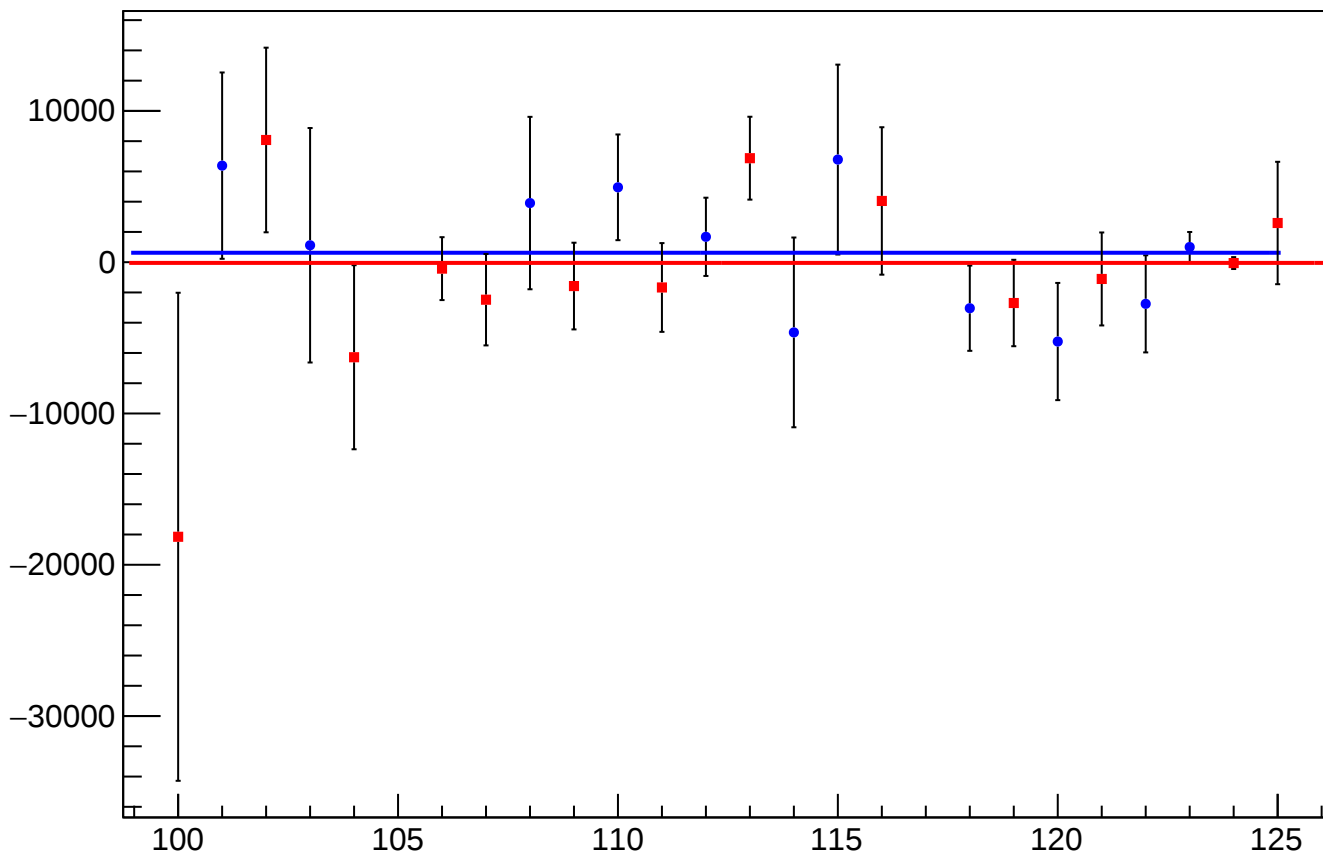
Right: 1733.421+/-0.429 χ^2/NDF : 489693.1/23

In: 1711.189+/-0.632 χ^2/NDF : 147268.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1733.421+/-0.429 χ^2/NDF : 489693.1/23

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 624.240+/-776.182 χ^2/NDF : 9.8/10

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

Right Out: -46.632+/-363.602 χ^2/NDF : 13.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

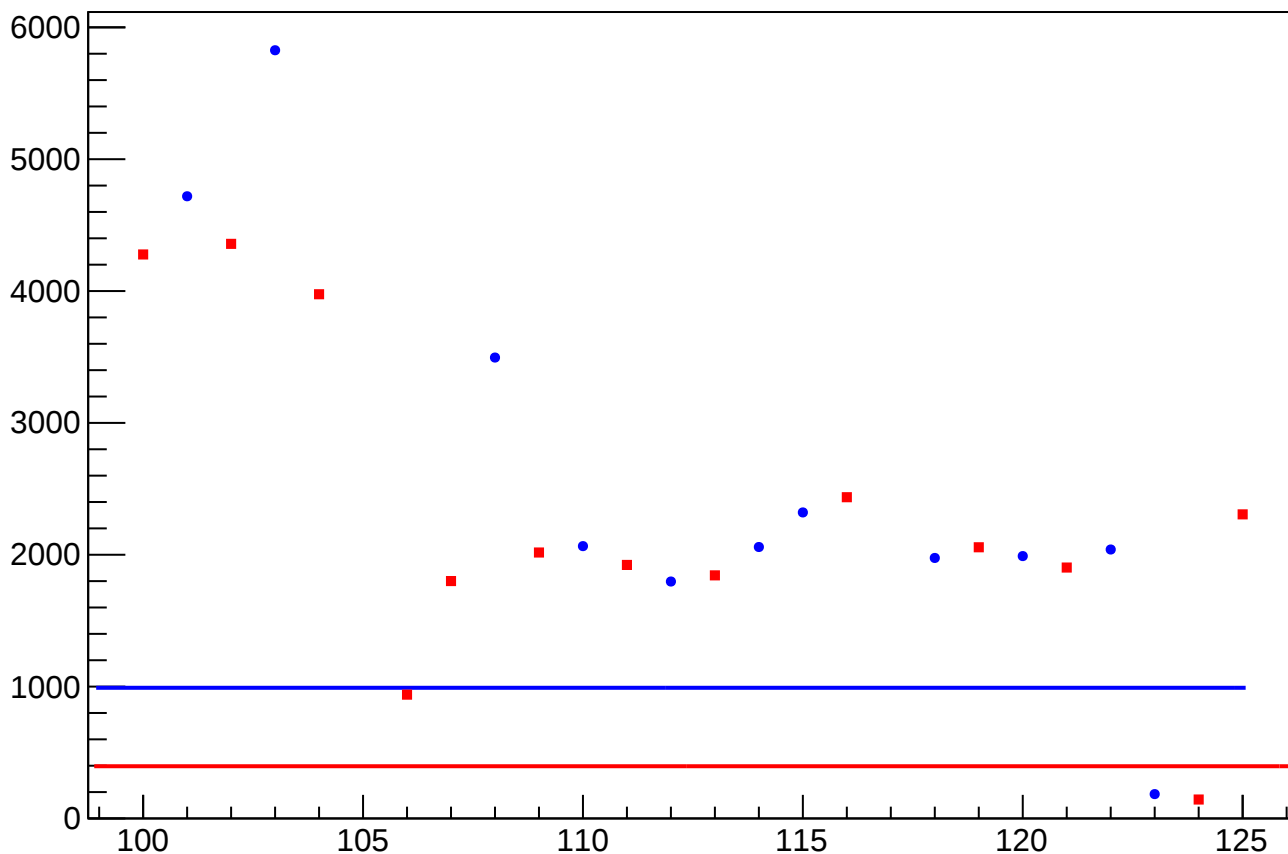
Right: 74.095+/-329.265 χ^2/NDF : 24.3/23

In: 624.240+/-776.182 χ^2/NDF :9.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 74.095+/-329.265 χ^2/NDF : 24.3/23

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 991.053+/-0.549 χ^2/NDF : 4338717.8/10

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

Right Out: 396.067+/-0.257 χ^2/NDF : 6738166.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

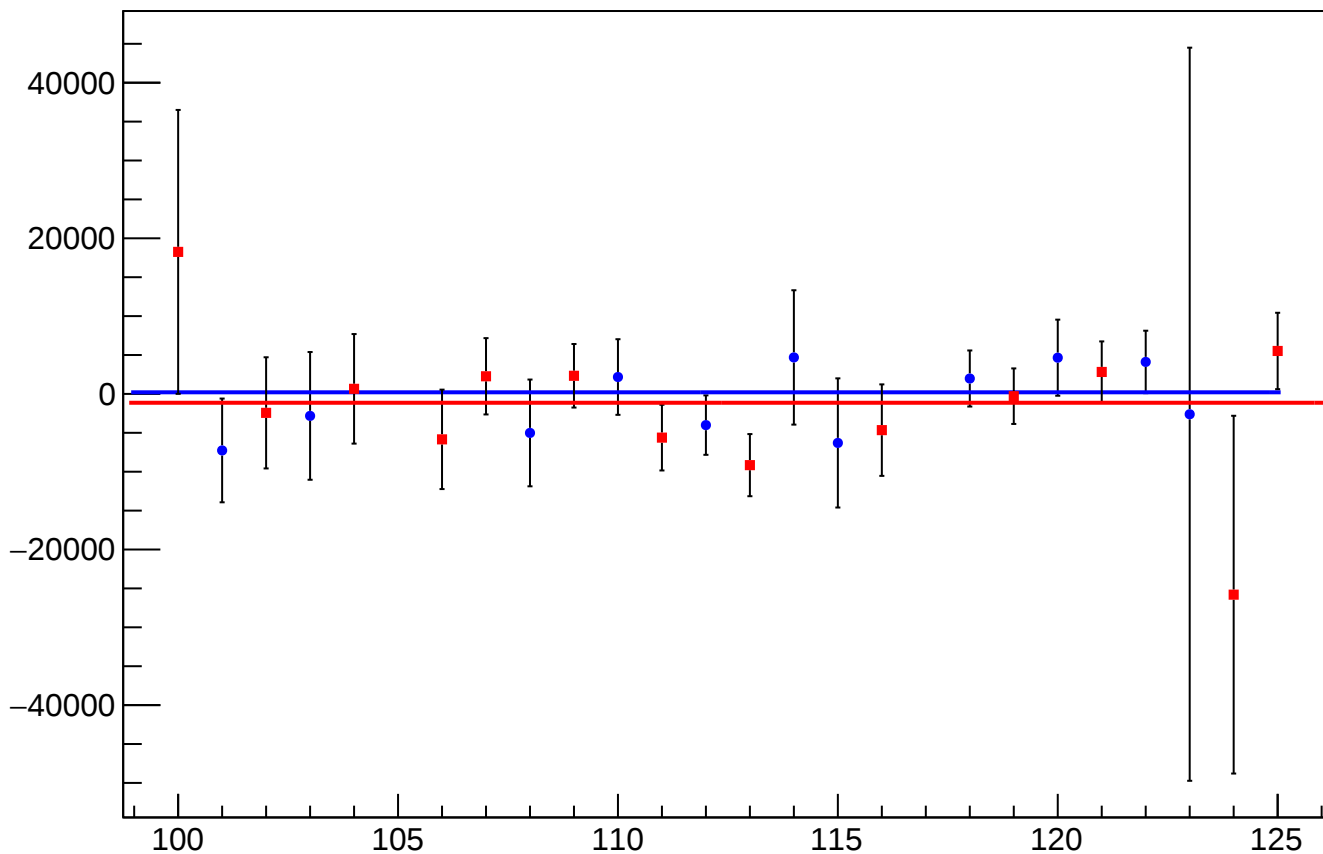
Right: 503.138+/-0.233 χ^2/NDF : 12040610.9/23

In: 991.053+/-0.549 χ^2/NDF :4338717.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 503.138+/-0.233 χ^2/NDF : 12040610.9/23

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 206.348+/-1624.994 χ^2/NDF : 6.3/10

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

Right Out: -1137.240+/-1409.576 χ^2/NDF : 12.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

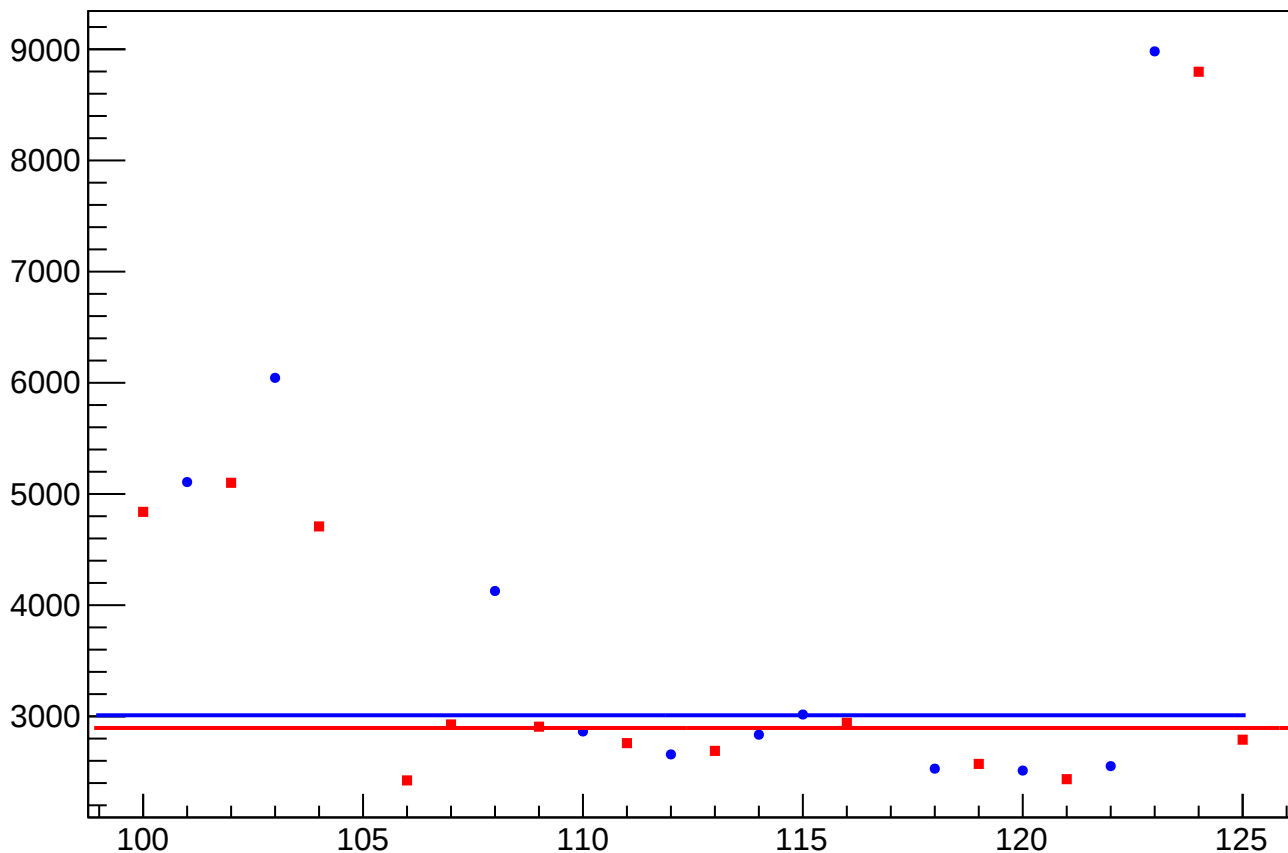
Right: -560.346+/-1064.796 χ^2/NDF : 19.2/23

In: 206.348+/-1624.994 χ^2/NDF : 6.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -560.346+/-1064.796 χ^2/NDF : 19.2/23

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3009.692+/-1.149 χ^2/NDF : 658367.0/10

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

Right Out: 2895.417+/-0.979 χ^2/NDF : 548951.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

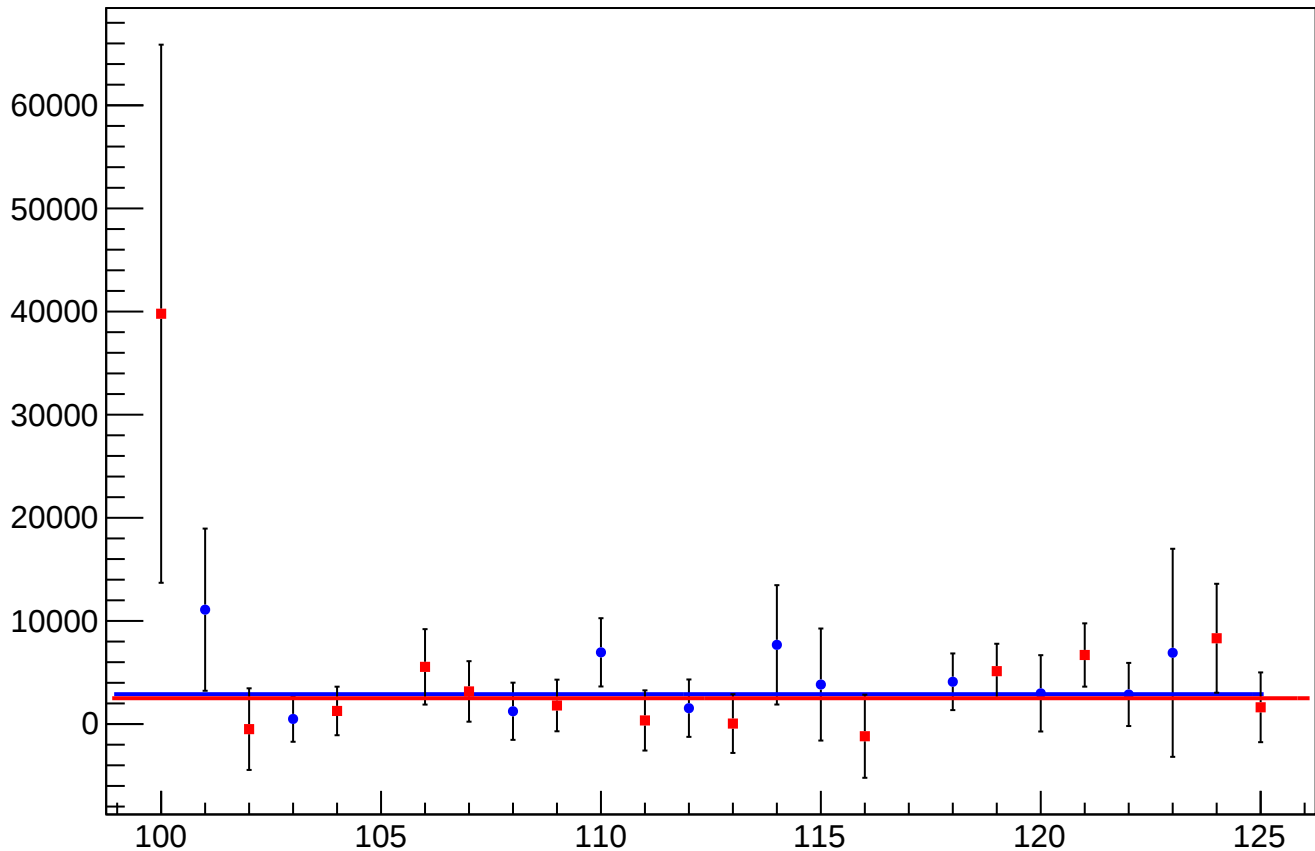
Right: 2943.508+/-0.745 χ^2/NDF : 1213046.4/23

In: 3009.692+/-1.149 χ^2/NDF : 658367.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2943.508+/-0.745 χ^2/NDF : 1213046.4/23

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2896.110+/-1022.512 χ^2/NDF : 5.4/10

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

Right Out: 2503.739+/-887.451 χ^2/NDF : 10.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

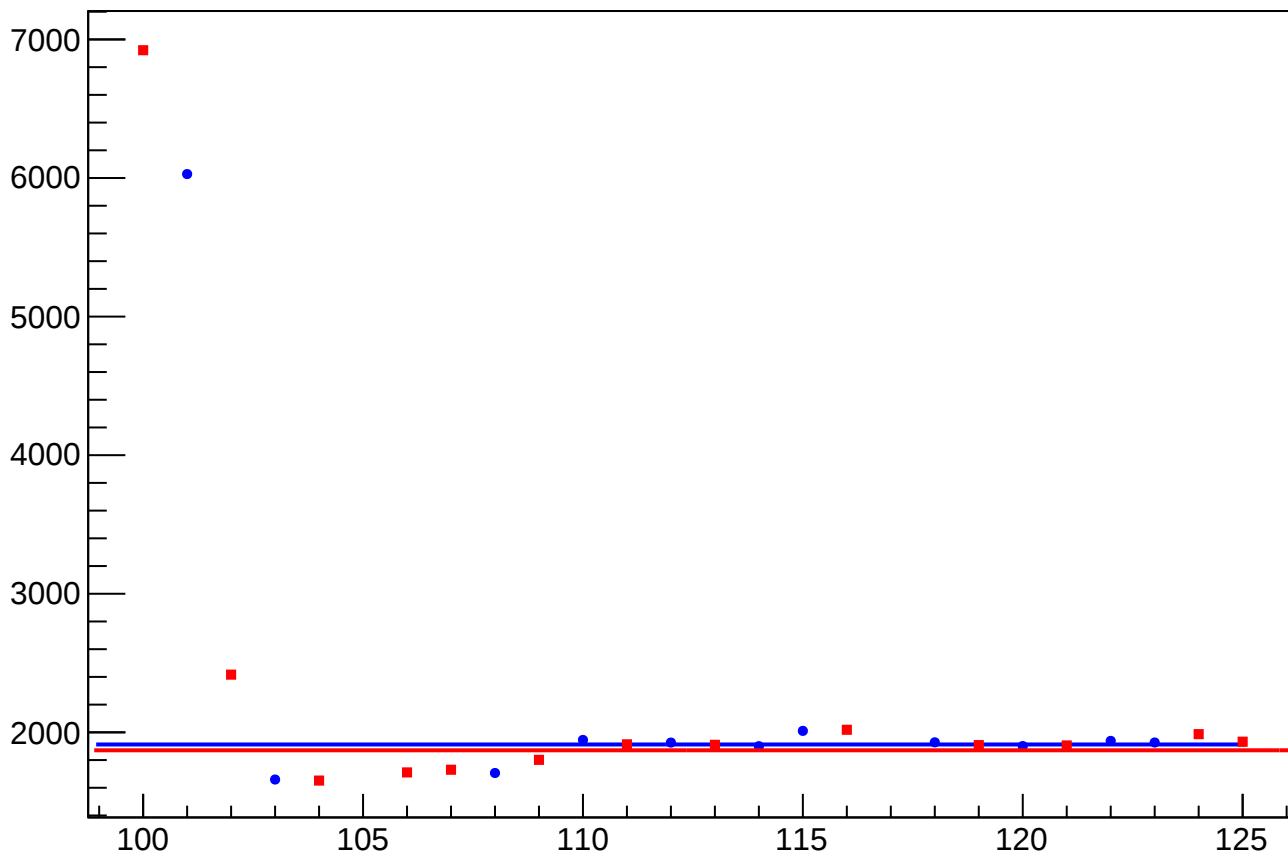
Right: 2672.317+/-670.224 χ^2/NDF : 15.5/23

In: 2896.110+/-1022.512 χ^2/NDF : 5.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2672.317+/-670.224 χ^2/NDF : 15.5/23

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1912.464+/-0.723 χ^2/NDF : 586306.1/10

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

Right Out: 1870.432+/-0.625 χ^2/NDF : 146426.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

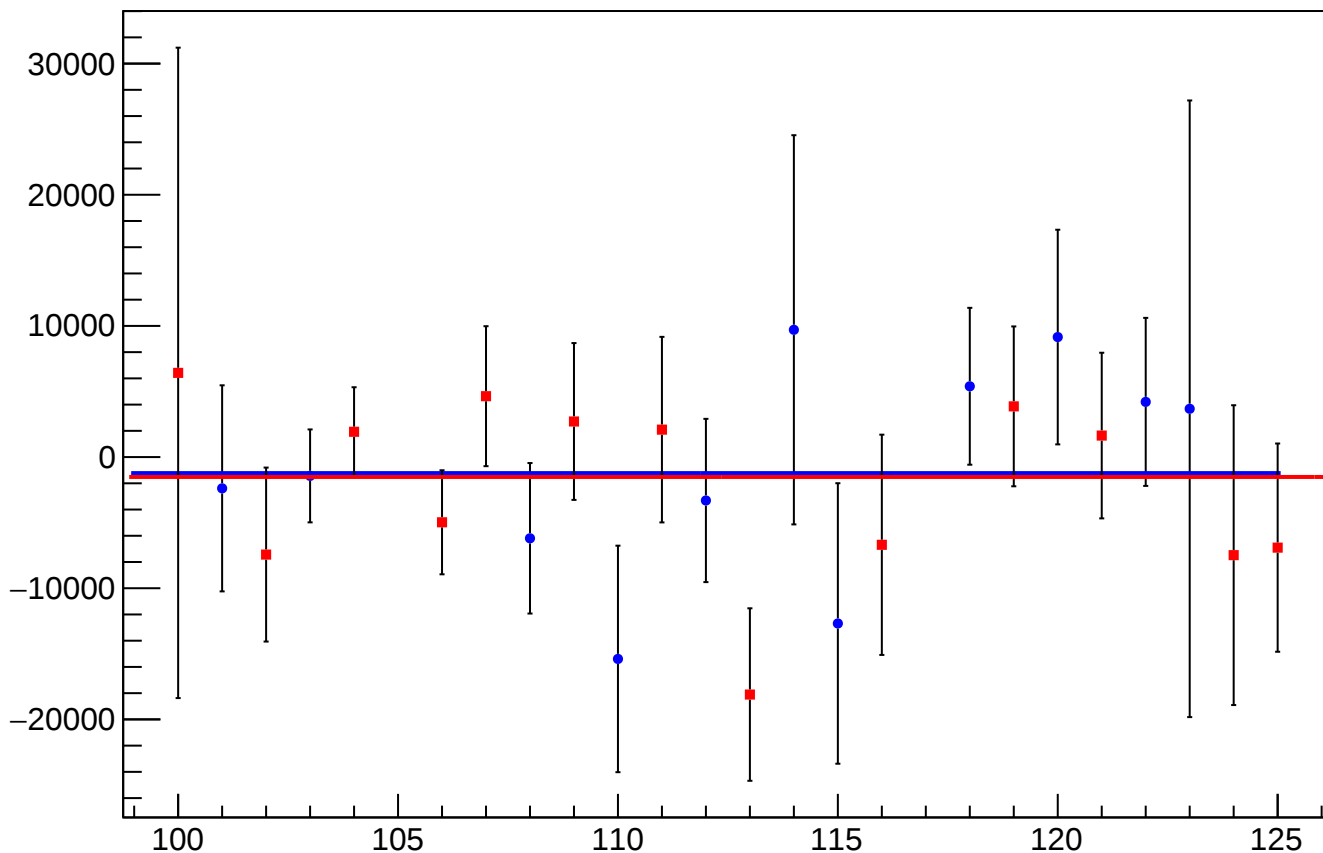
Right: 1888.422+/-0.473 χ^2/NDF : 734665.6/23

In: 1912.464+/-0.723 χ^2/NDF :586306.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1888.422+/-0.473 χ^2/NDF : 734665.6/23

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1222.492+/-2008.639 χ^2/NDF : 8.9/10

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

Right Out: -1516.106+/-1642.713 χ^2/NDF : 13.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

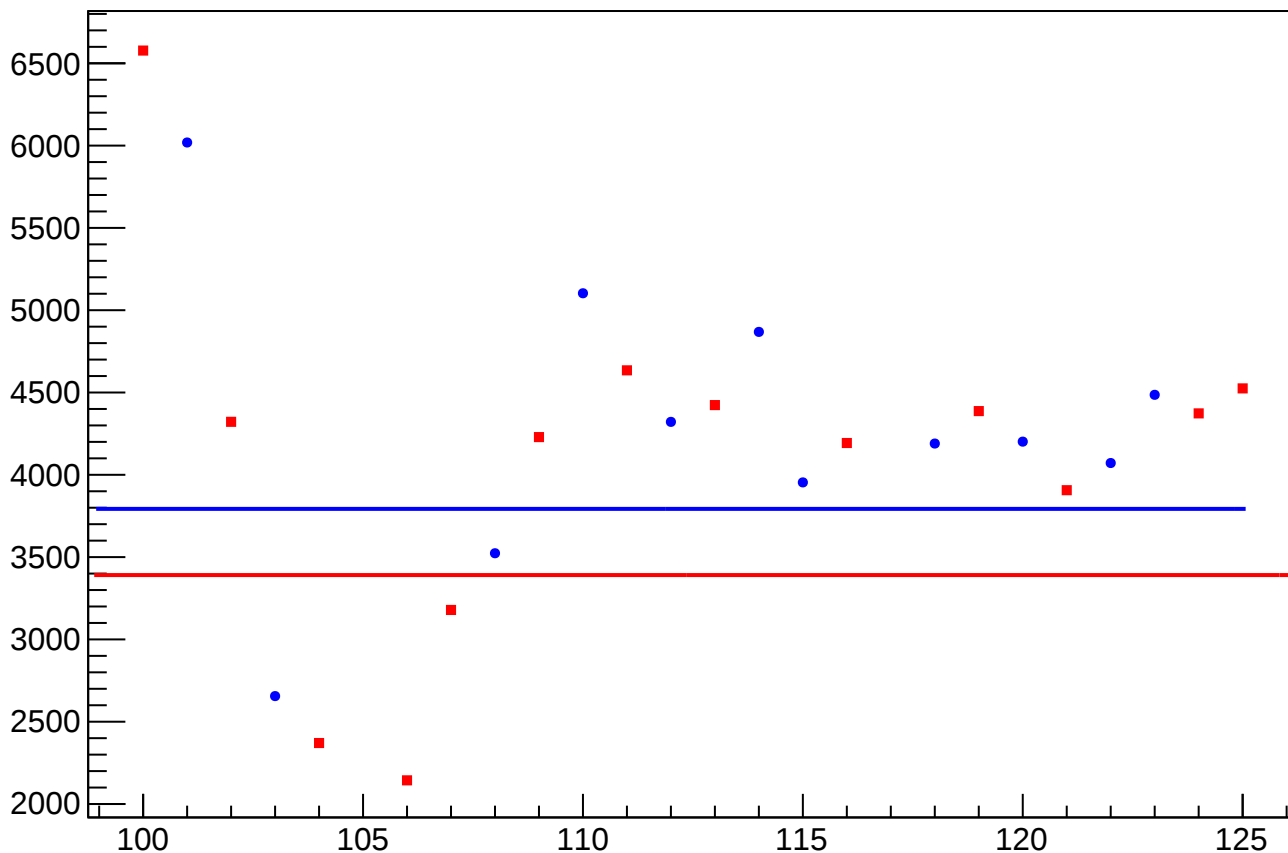
Right: -1398.431+/-1271.613 χ^2/NDF : 22.2/23

In: -1222.492+/-2008.639 χ^2/NDF : 8.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1398.431+/-1271.613 χ^2/NDF : 22.2/23

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 3793.060+/-1.420 χ^2/NDF : 461835.3/10

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

Right Out: 3390.915+/-1.162 χ^2/NDF : 745021.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

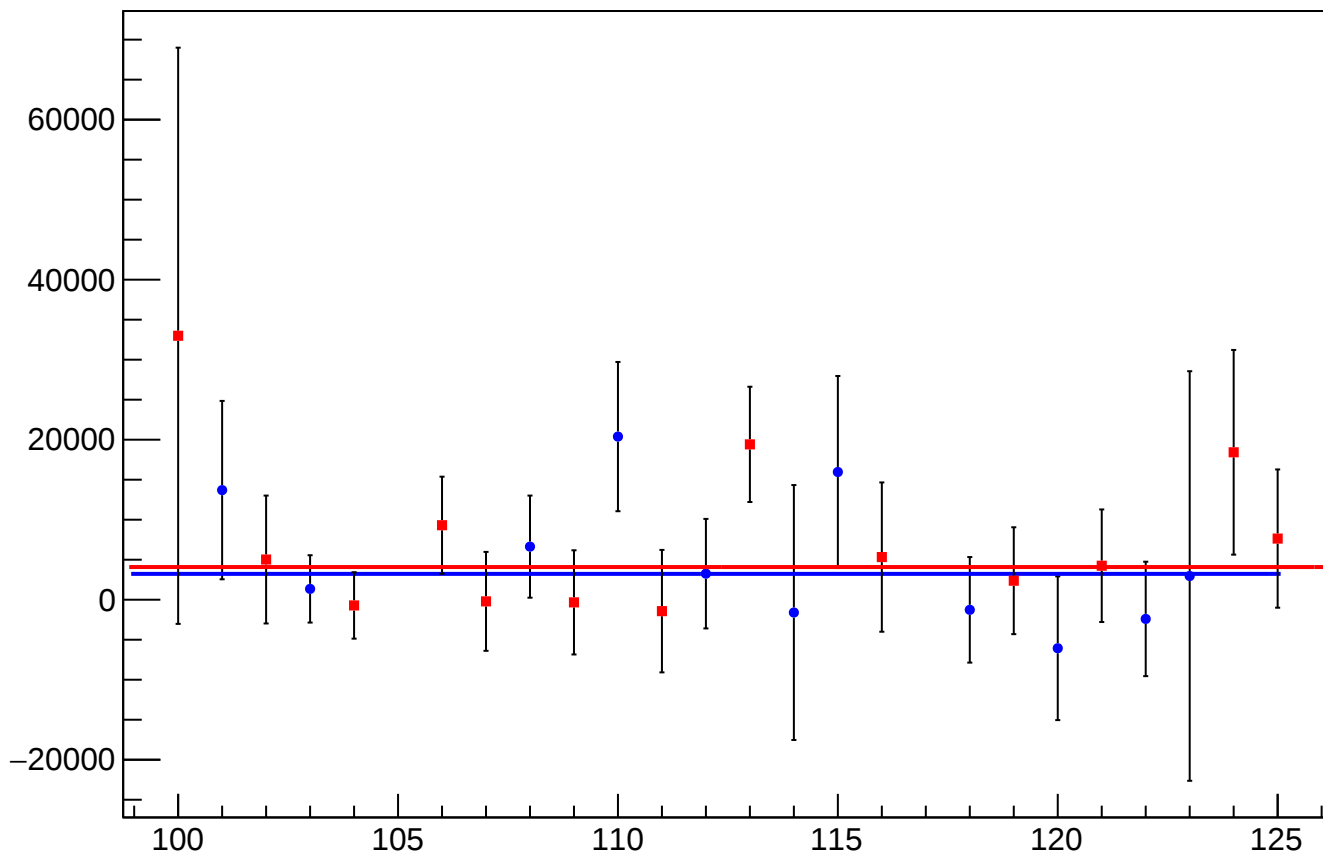
Right: 3552.087+/-0.899 χ^2/NDF : 1254894.0/23

In: 3793.060+/-1.420 χ^2/NDF : 461835.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3552.087+/-0.899 χ^2/NDF : 1254894.0/23

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3229.844+/-2298.782 χ^2/NDF : 8.1/10

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

Right Out: 4083.767+/-1956.220 χ^2/NDF : 10.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

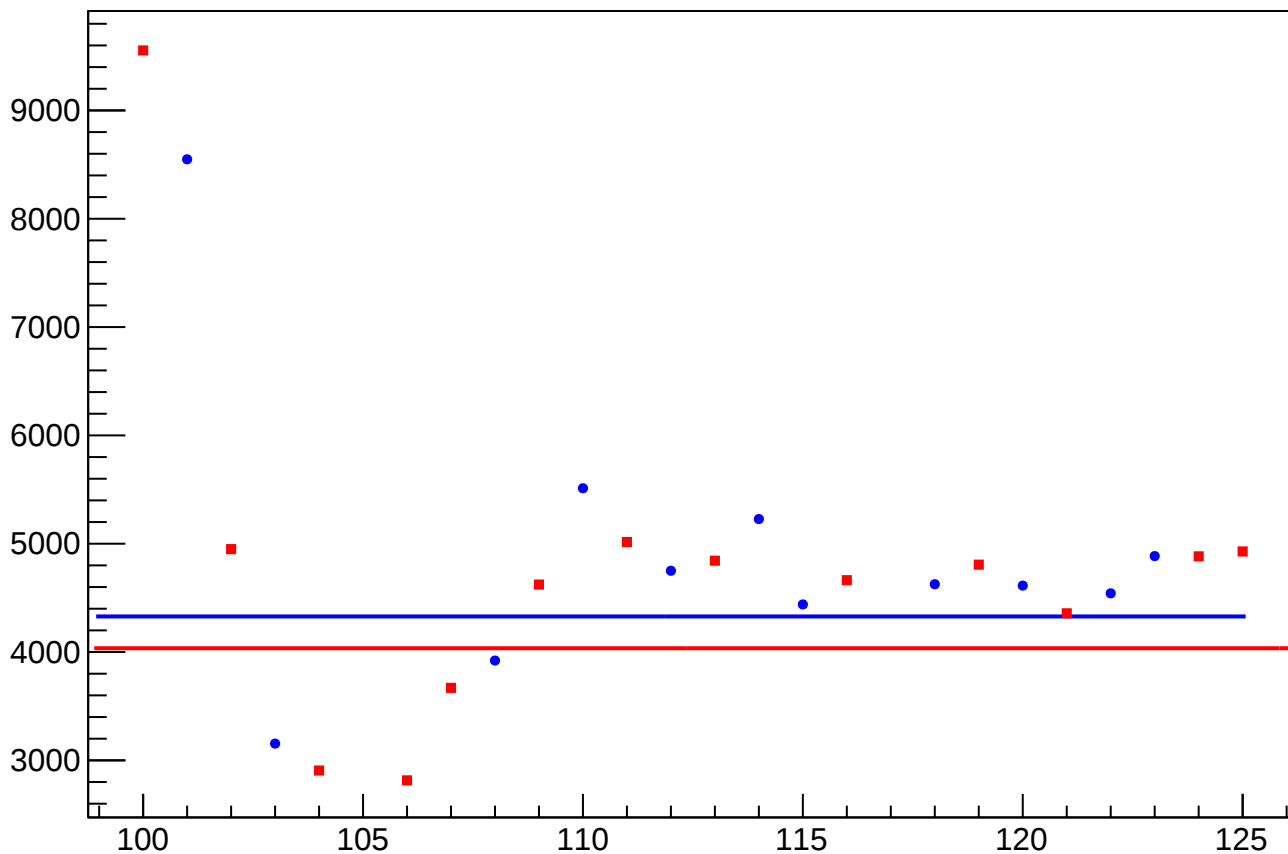
Right: 3725.111+/-1489.799 χ^2/NDF : 18.4/23

In: 3229.844+/-2298.782 χ^2/NDF : 8.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3725.111+/-1489.799 χ^2/NDF : 18.4/23

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4328.614+/-1.625 χ^2/NDF : 505523.0/10

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

Right Out: 4035.051+/-1.373 χ^2/NDF : 465016.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

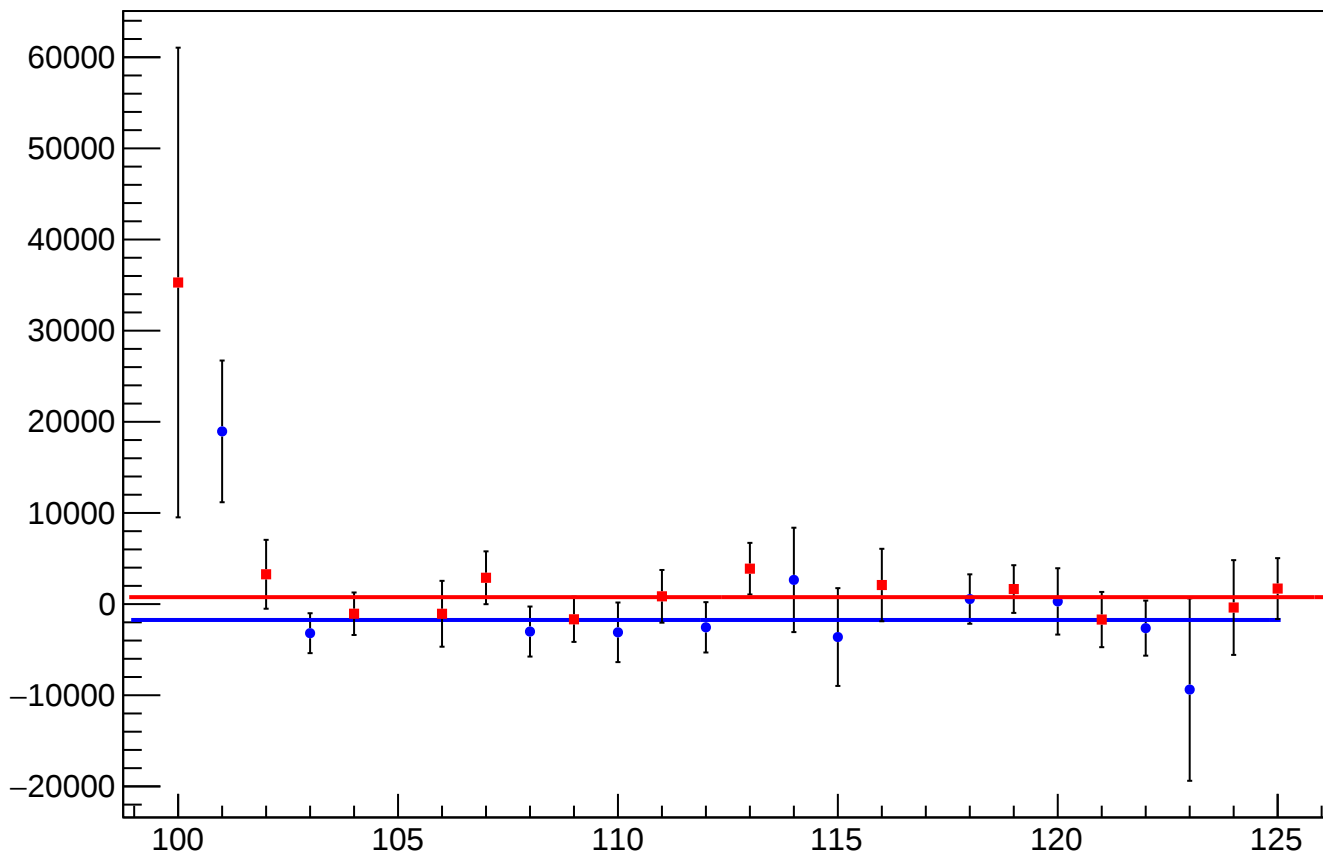
Right: 4157.288+/-1.049 χ^2/NDF : 989574.8/23

In: 4328.614+/-1.625 χ^2/NDF : 505523.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4157.288+/-1.049 χ^2/NDF : 989574.8/23

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1741.682 ± 1010.632 χ^2/NDF : 10.4/10

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

Right Out: 762.703 ± 875.915 χ^2/NDF : 6.8/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

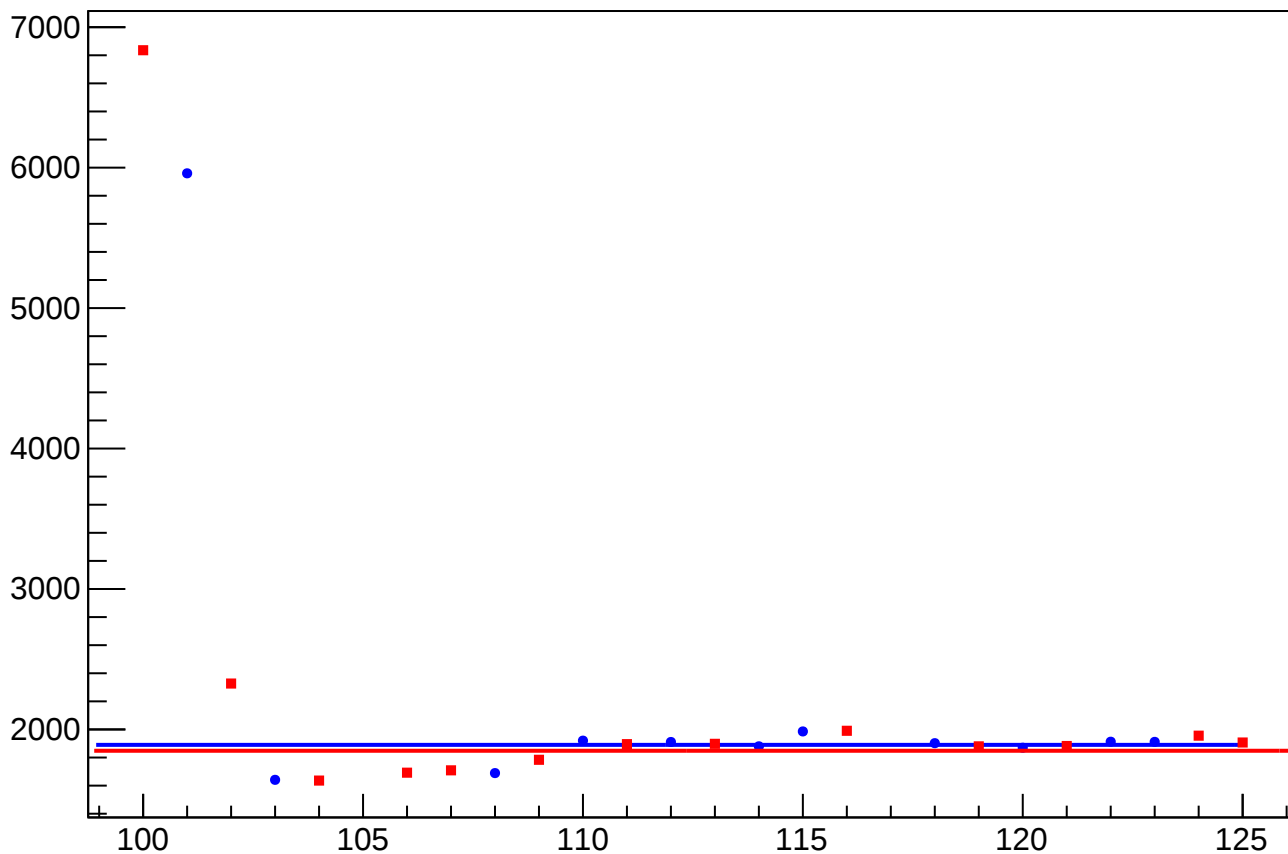
Right: -311.560 ± 661.908 χ^2/NDF : 20.7/23

In: -1741.682 ± 1010.632 χ^2/NDF : 10.4/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -311.560 ± 661.908 χ^2/NDF : 20.7/23

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1890.242+/-0.715 χ^2/NDF : 585857.8/10

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

Right Out: 1848.249+/-0.617 χ^2/NDF : 139444.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

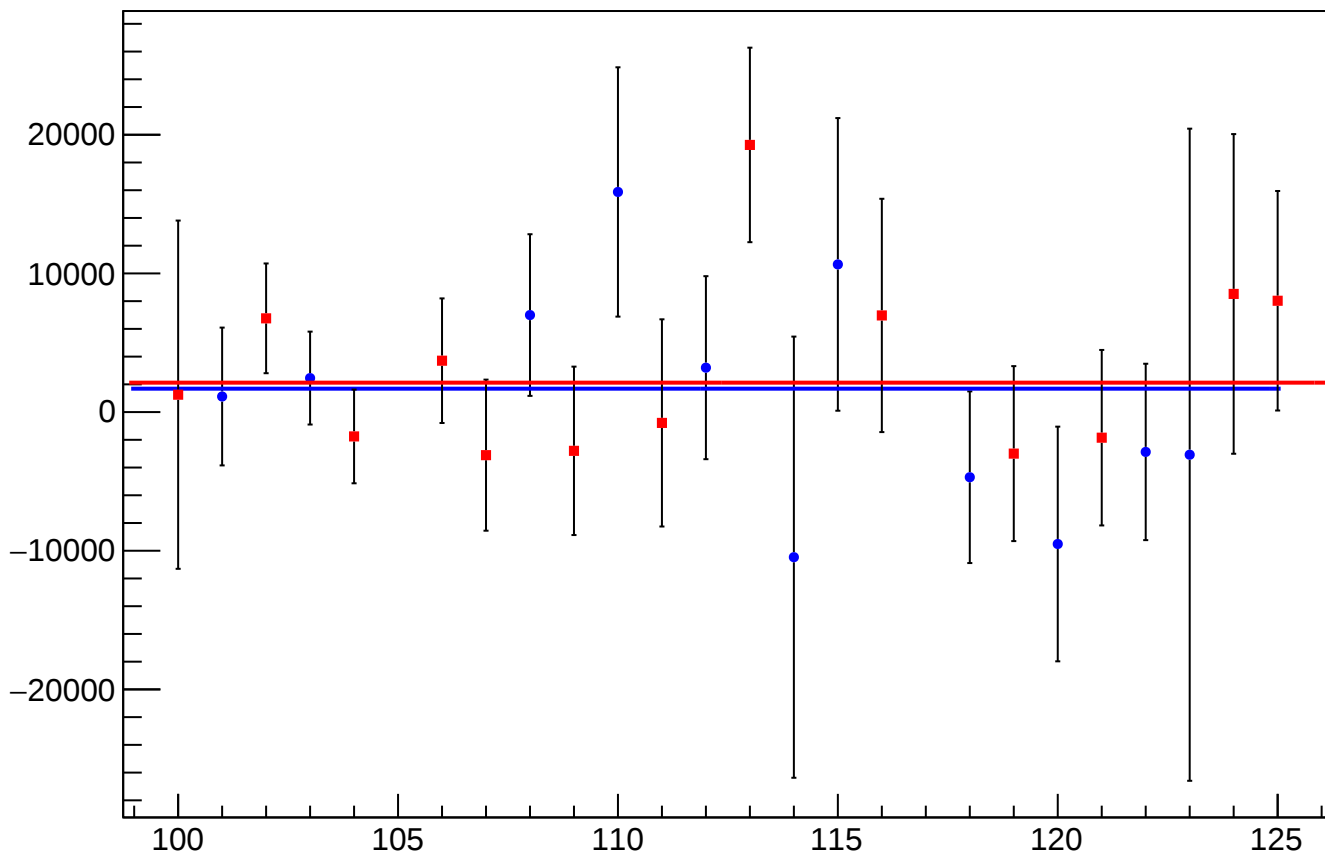
Right: 1866.195+/-0.467 χ^2/NDF : 727279.4/23

In: 1890.242+/-0.715 χ^2/NDF :585857.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1866.195+/-0.467 χ^2/NDF : 727279.4/23

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 1687.330+/-1910.826 χ^2/NDF : 8.1/10

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

Right Out: 2122.126+/-1593.133 χ^2/NDF : 12.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

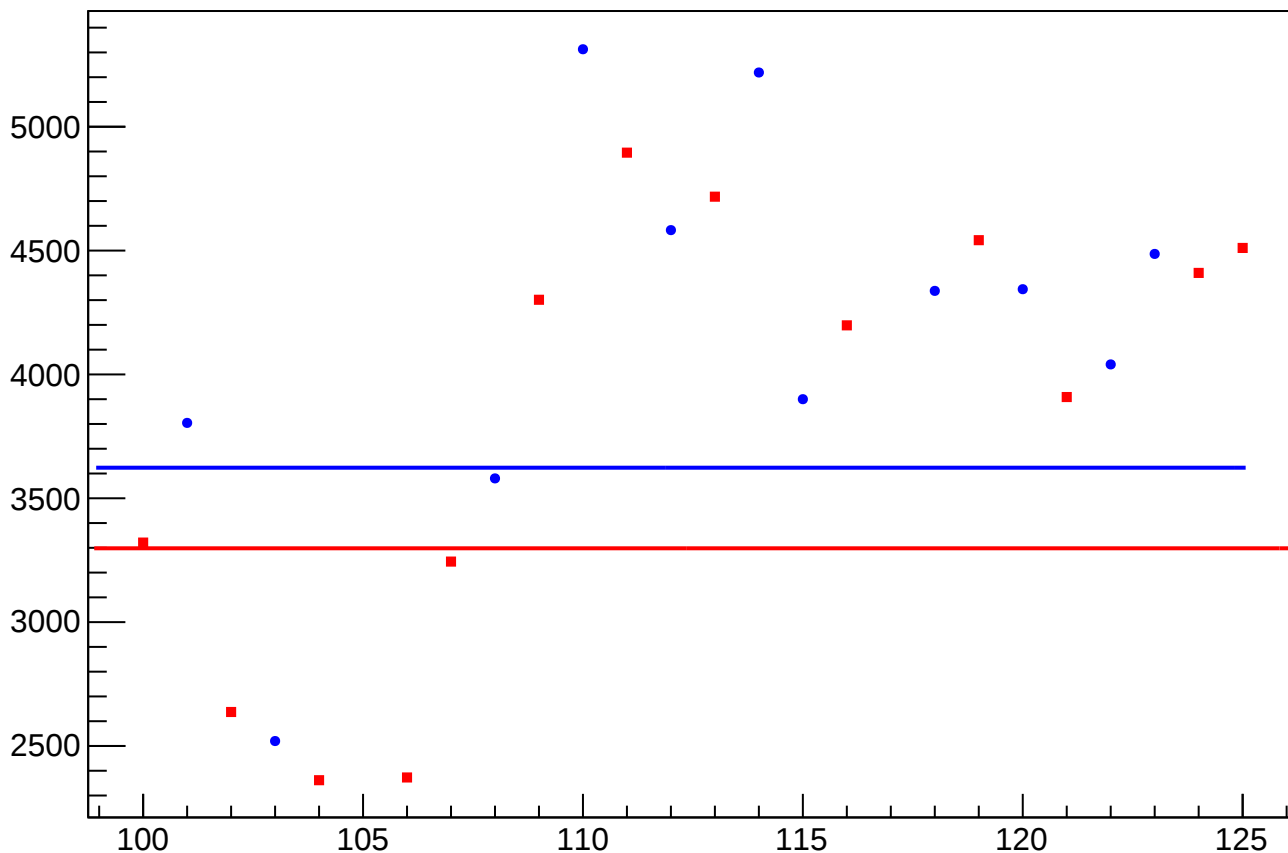
Right: 1943.828+/-1223.634 χ^2/NDF : 20.9/23

In: 1687.330+/-1910.826 χ^2/NDF : 8.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1943.828+/-1223.634 χ^2/NDF : 20.9/23

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 3623.467+/-1.351 χ^2/NDF : 406514.0/10

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

Right Out: 3298.069+/-1.127 χ^2/NDF : 706924.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

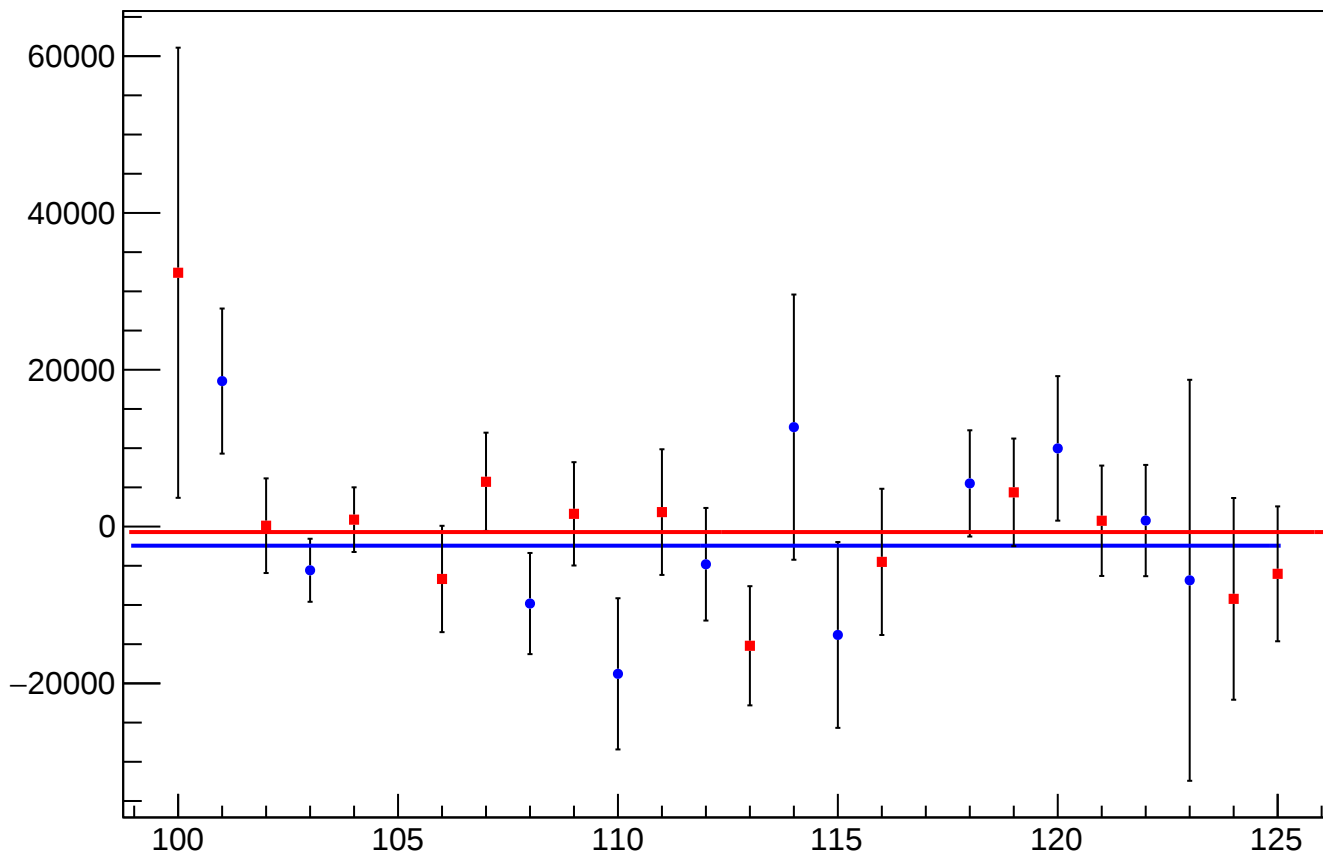
Right: 3431.506+/-0.865 χ^2/NDF : 1147653.1/23

In: 3623.467+/-1.351 χ^2/NDF : 406514.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3431.506+/-0.865 χ^2/NDF : 1147653.1/23

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2437.846+/-2274.486 χ^2/NDF : 15.2/10

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

Right Out: -699.099+/-1949.616 χ^2/NDF : 8.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

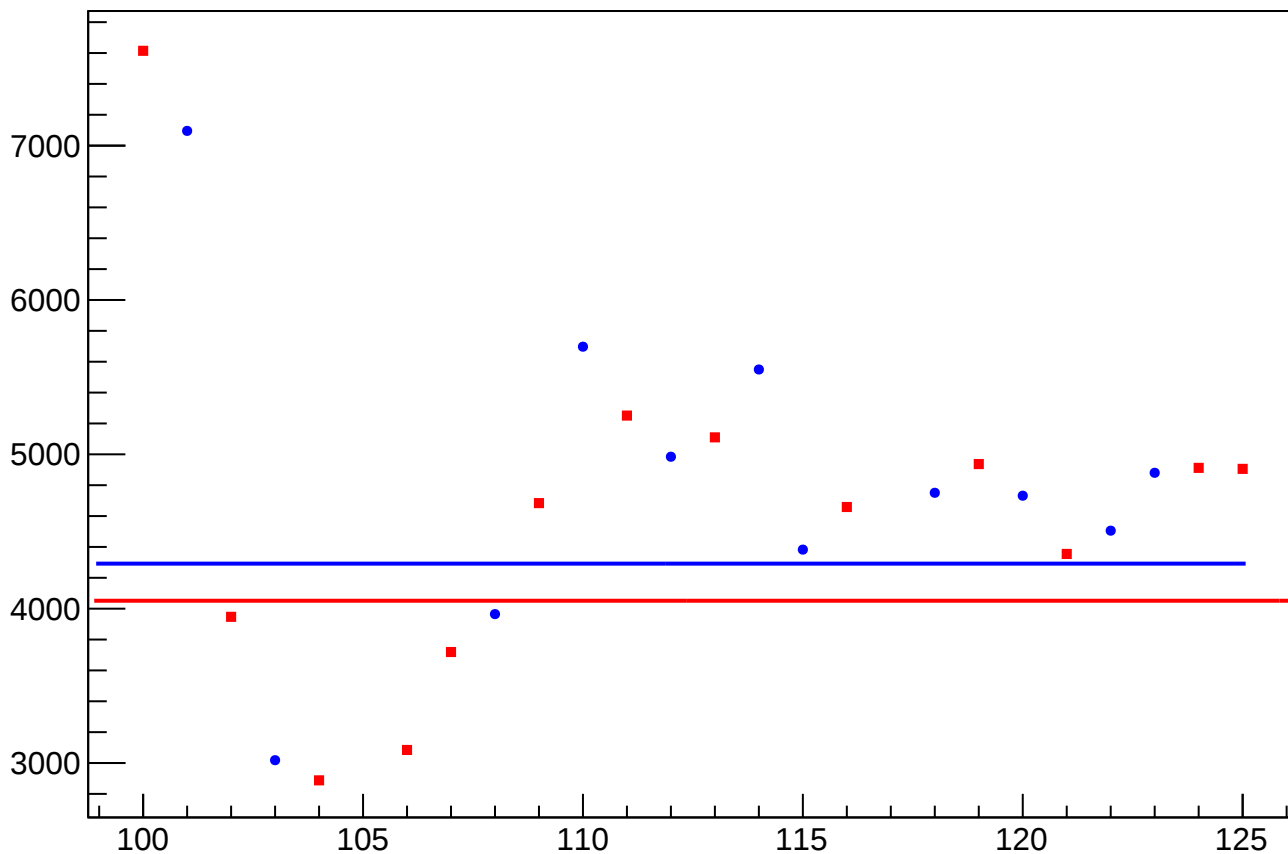
Right: -1435.534+/-1480.241 χ^2/NDF : 24.3/23

In: -2437.846+/-2274.486 χ^2/NDF : 15.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1435.534+/-1480.241 χ^2/NDF : 24.3/23

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4291.844+/-1.608 χ^2/NDF : 478351.5/10

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

Right Out: 4051.398+/-1.368 χ^2/NDF : 420522.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

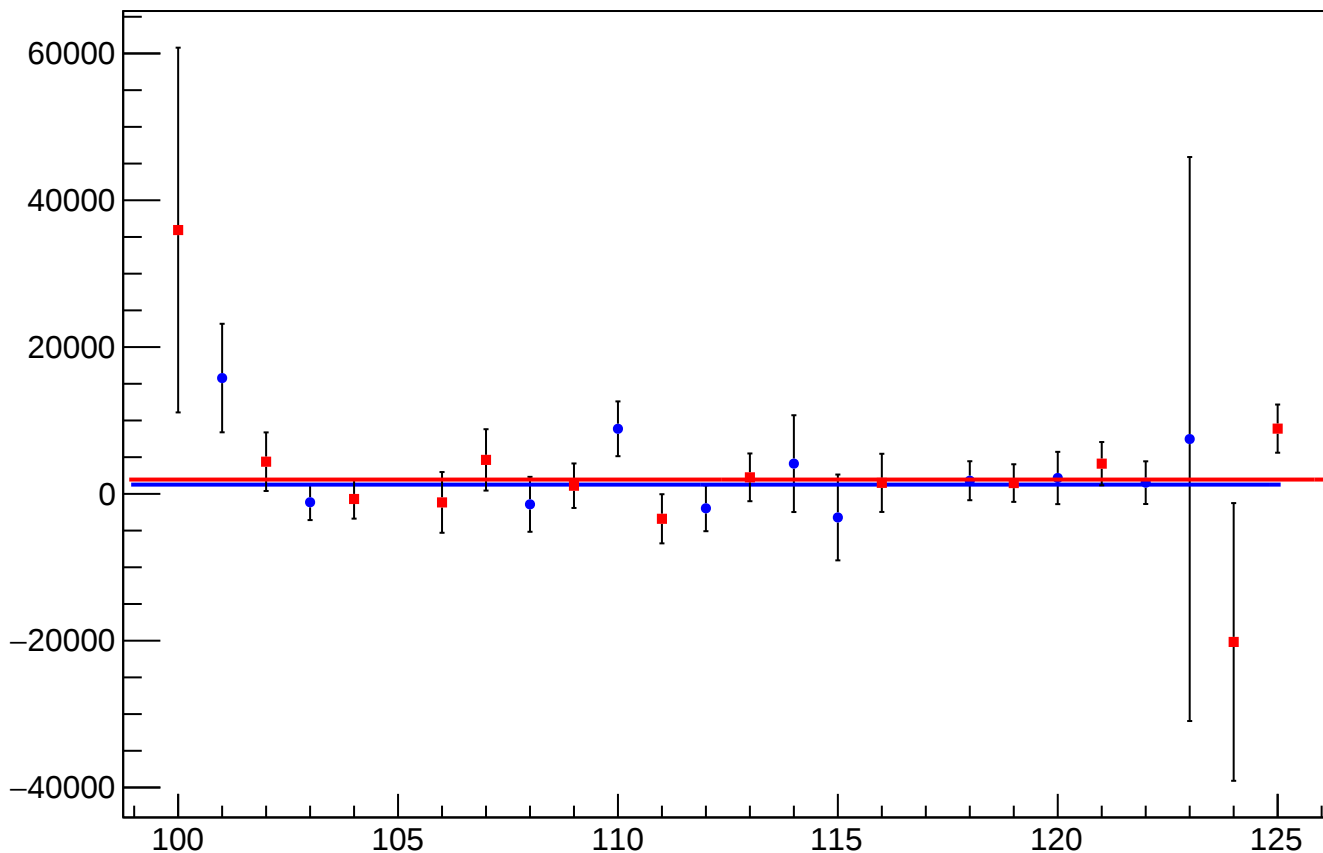
Right: 4152.371+/-1.042 χ^2/NDF : 911838.4/23

In: 4291.844+/-1.608 χ^2/NDF : 478351.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4152.371+/-1.042 χ^2/NDF : 911838.4/23

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1261.924+/-1100.917 χ^2/NDF : 11.5/10

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

Right Out: 1951.234+/-980.985 χ^2/NDF : 13.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

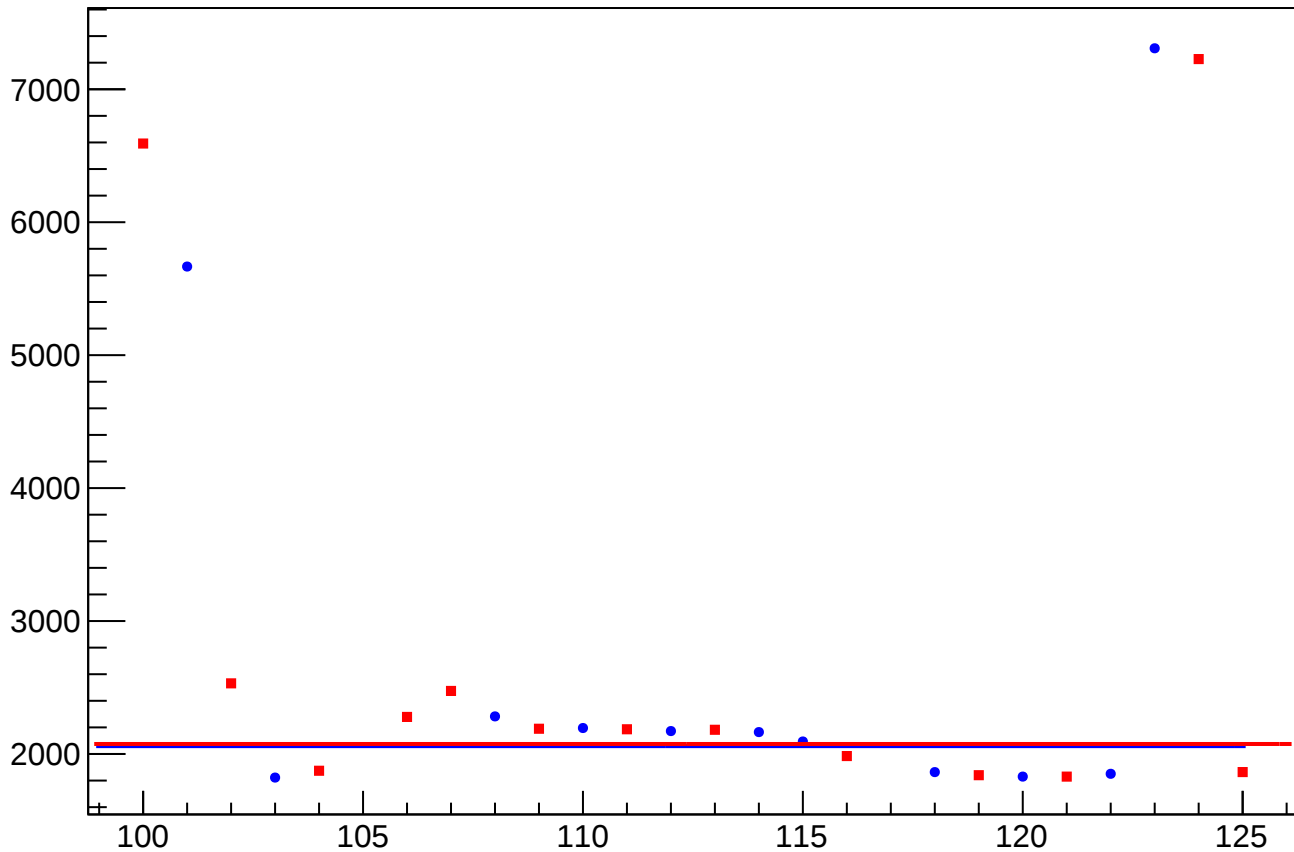
Right: 1646.157+/-732.406 χ^2/NDF : 25.0/23

In: 1261.924+/-1100.917 χ^2/NDF : 11.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1646.157+/-732.406 χ^2/NDF : 25.0/23

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2059.085+/-0.778 χ^2/NDF : 574978.2/10

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

Right Out: 2075.185+/-0.694 χ^2/NDF : 322166.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

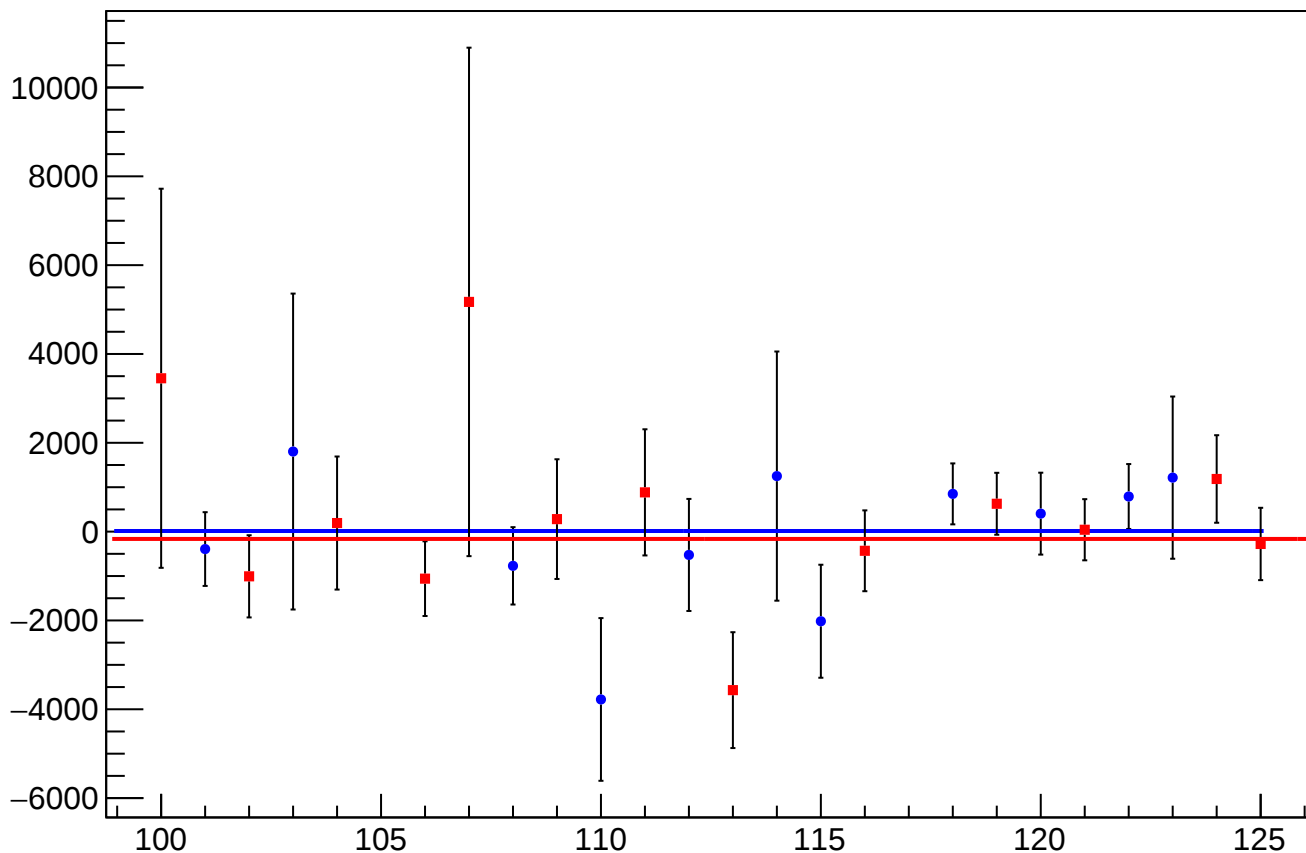
Right: 2068.059+/-0.518 χ^2/NDF : 897382.7/23

In: 2059.085+/-0.778 χ^2/NDF : 574978.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2068.059+/-0.518 χ^2/NDF : 897382.7/23

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: 13.842+/-316.371 χ^2 /NDF: 11.7/10

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

Right Out: -164.669+/-281.039 χ^2 /NDF: 14.4/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

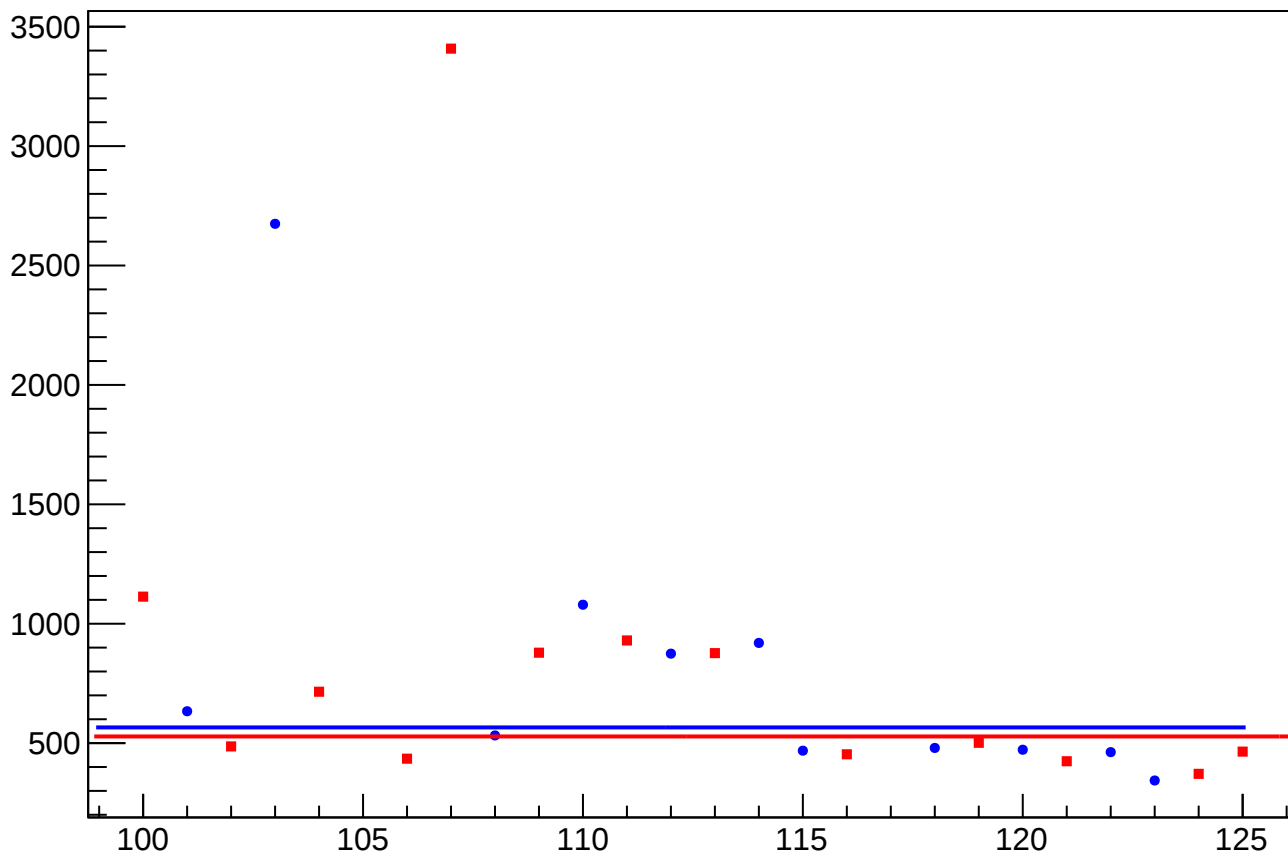
Right: -85.934+/-210.110 χ^2 /NDF: 26.4/23

In: 13.842+/-316.371 χ^2 /NDF:11.7/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -85.934+/-210.110 χ^2 /NDF: 26.4/23

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 565.798+/-0.224 χ^2/NDF : 1161838.6/10

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

Right Out: 527.962+/-0.199 χ^2/NDF : 1167062.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

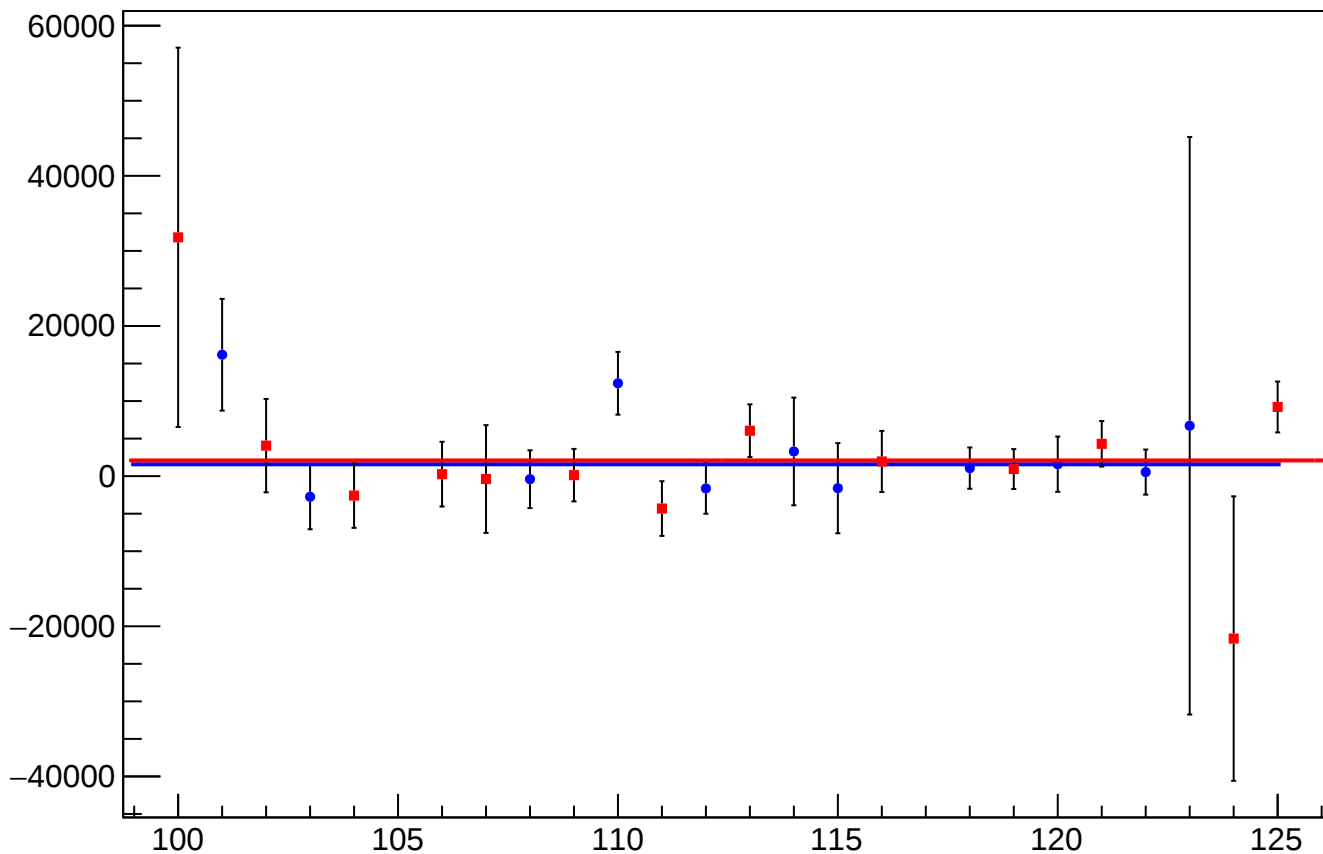
Right: 544.650+/-0.149 χ^2/NDF : 2344889.9/23

In: 565.798+/-0.224 χ^2/NDF : 1161838.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 544.650+/-0.149 χ^2/NDF : 2344889.9/23

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1577.647+/-1241.250 χ^2/NDF : 13.2/10

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

Right Out: 2092.324+/-1122.396 χ^2/NDF : 14.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

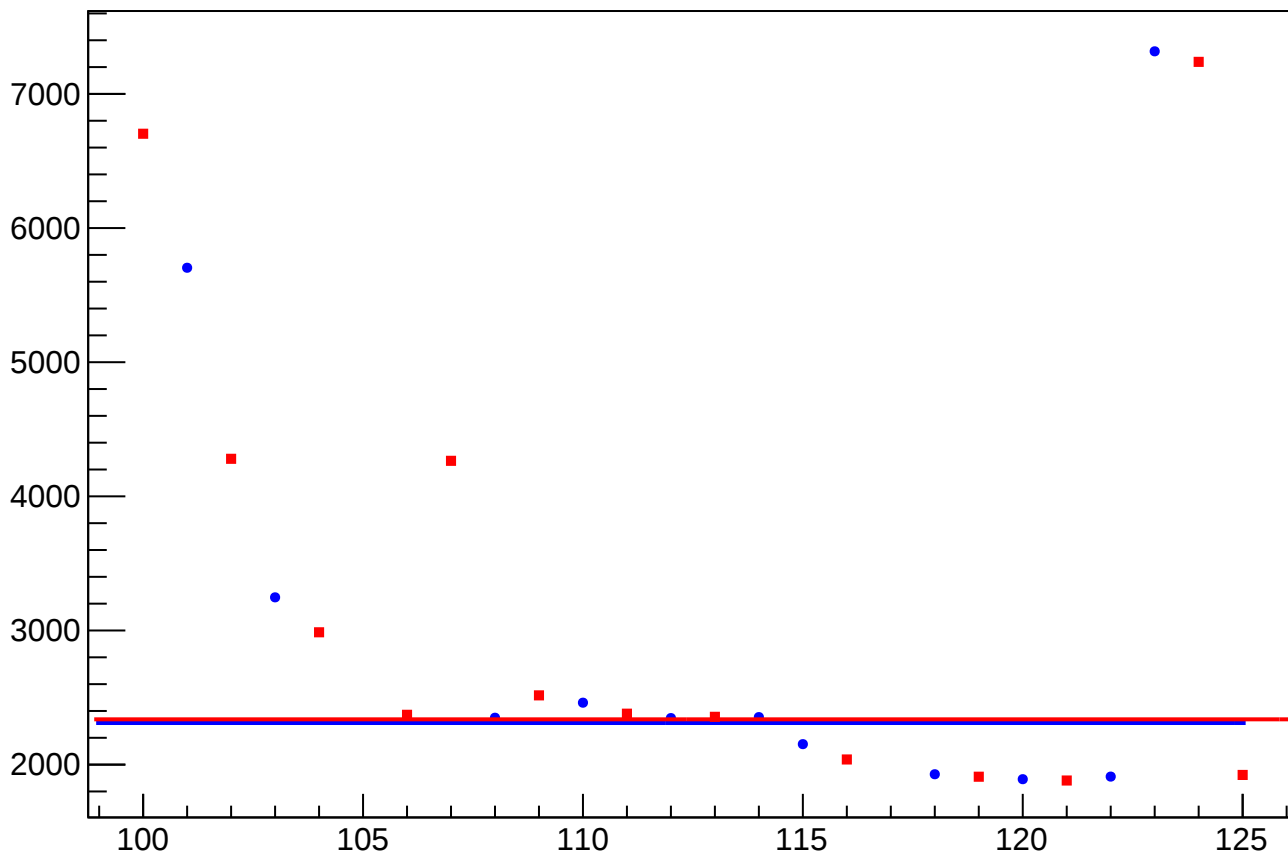
Right: 1860.800+/-832.510 χ^2/NDF : 27.6/23

In: 1577.647+/-1241.250 χ^2/NDF : 13.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1860.800+/-832.510 χ^2/NDF : 27.6/23

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2310.280+/-0.878 χ^2/NDF : 648270.6/10

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

Right Out: 2337.680+/-0.794 χ^2/NDF : 721991.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

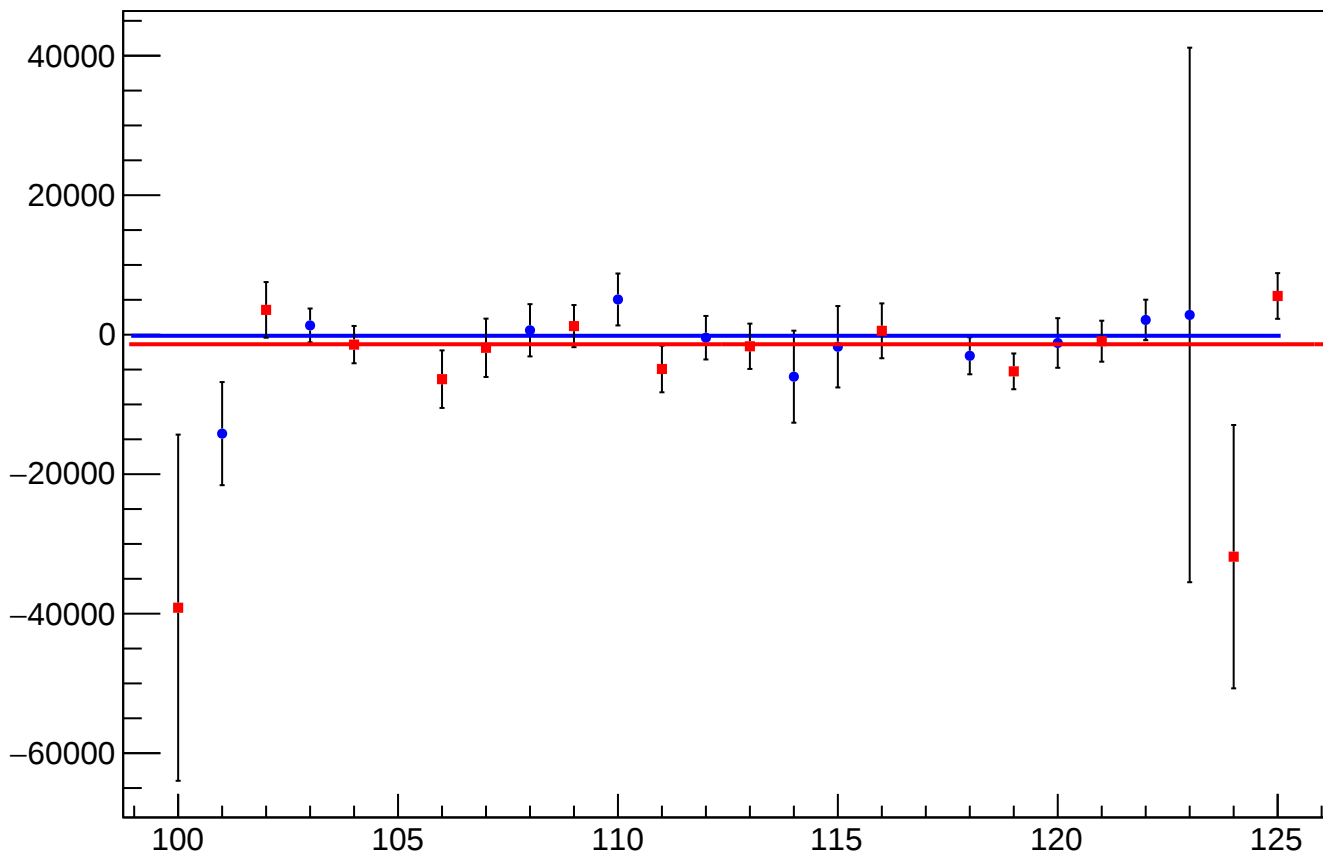
Right: 2325.355+/-0.589 χ^2/NDF : 1370797.7/23

In: 2310.280+/-0.878 χ^2/NDF :648270.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2325.355+/-0.589 χ^2/NDF : 1370797.7/23

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -156.669+/-1099.590 χ^2/NDF : 8.7/10

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

Right Out: -1370.931+/-979.307 χ^2/NDF : 16.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

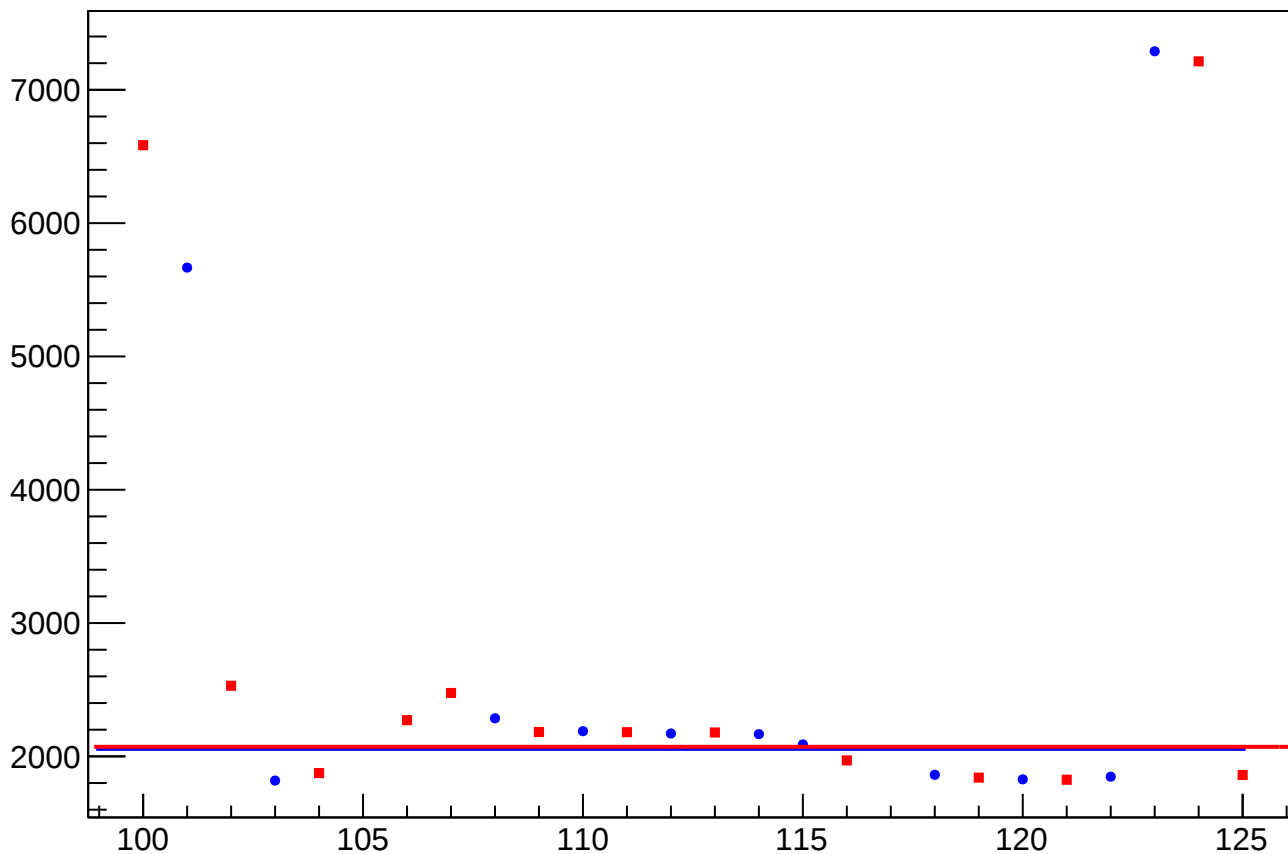
Right: -833.822+/-731.317 χ^2/NDF : 26.2/23

In: -156.669+/-1099.590 χ^2/NDF : 8.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -833.822+/-731.317 χ^2/NDF : 26.2/23

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2056.328+/-0.778 χ^2/NDF : 576380.6/10

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

Right Out: 2071.585+/-0.692 χ^2/NDF : 322161.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

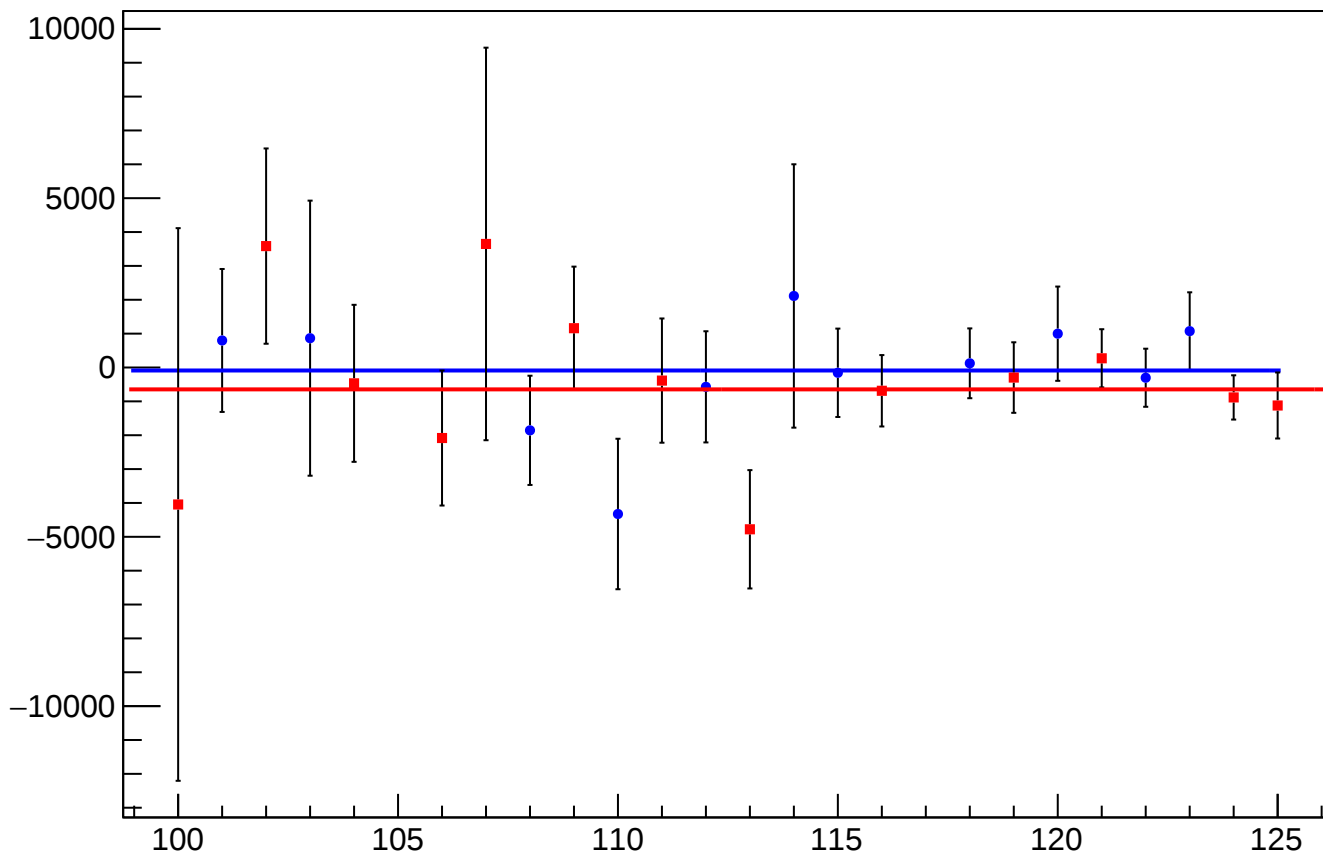
Right: 2064.836+/-0.517 χ^2/NDF : 898757.0/23

In: 2056.328+/-0.778 χ^2/NDF : 576380.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2064.836+/-0.517 χ^2/NDF : 898757.0/23

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: -88.414+/-427.384 χ^2/NDF : 7.2/10

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

Right Out: -646.230+/-351.362 χ^2/NDF : 11.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

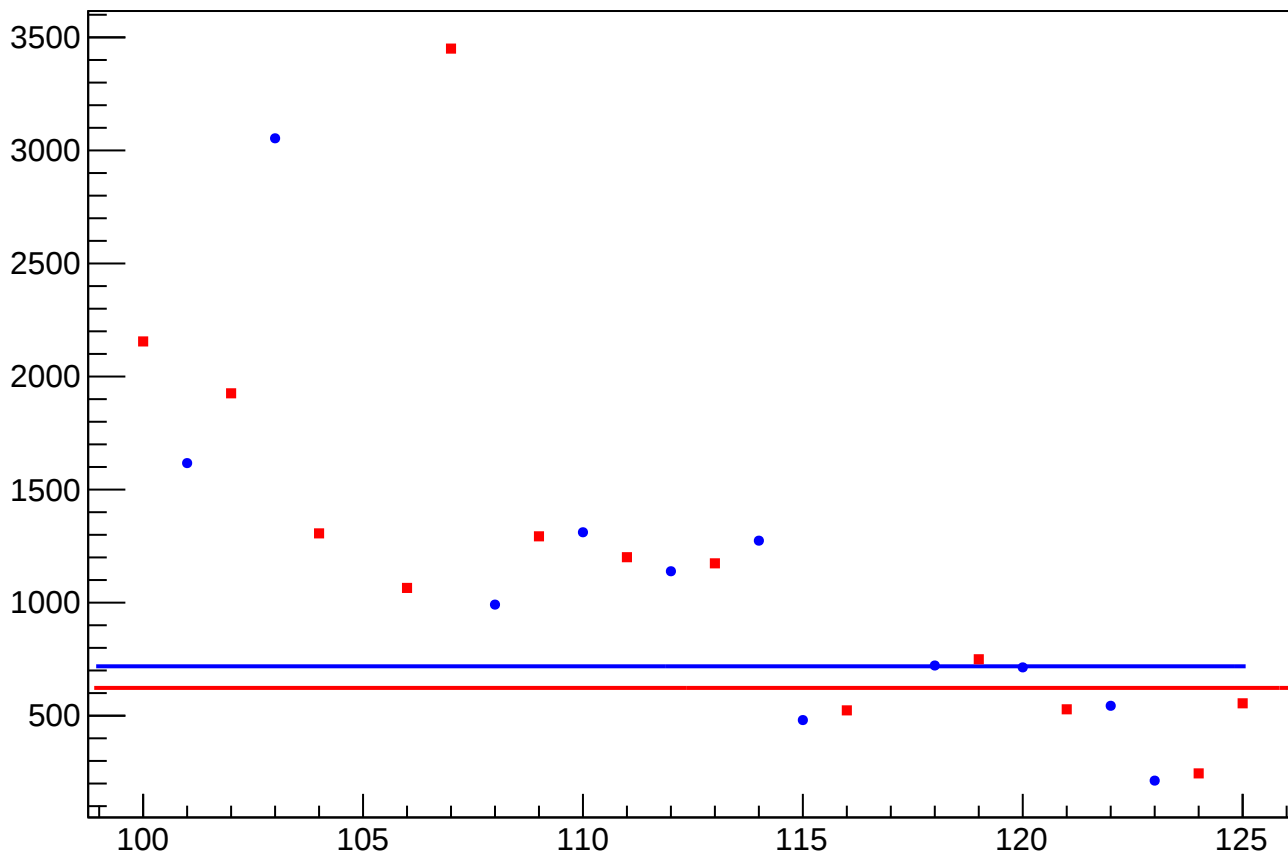
Right: -421.263+/-271.415 χ^2/NDF : 19.9/23

In: -88.414+/-427.384 χ^2/NDF : 7.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -421.263+/-271.415 χ^2/NDF : 19.9/23

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 718.484+/-0.302 χ^2/NDF : 1933857.2/10

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

Right Out: 622.926+/-0.248 χ^2/NDF : 2646733.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

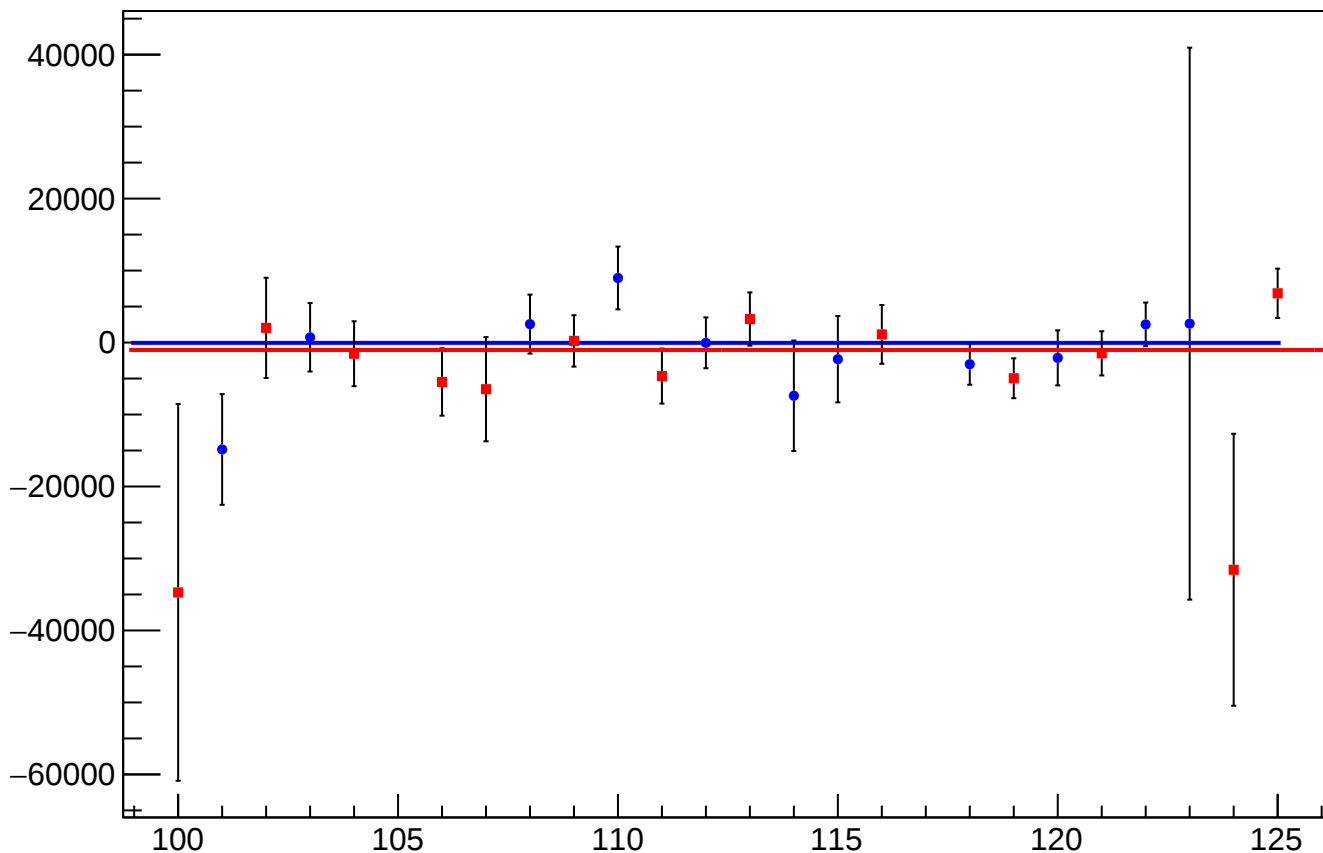
Right: 661.465+/-0.192 χ^2/NDF : 4640251.2/23

In: 718.484+/-0.302 χ^2/NDF : 1933857.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 661.465+/-0.192 χ^2/NDF : 4640251.2/23

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -42.477 ± 1292.022 χ^2/NDF : 11.6/10

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

Right Out: -1030.893 ± 1162.322 χ^2/NDF : 15.9/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

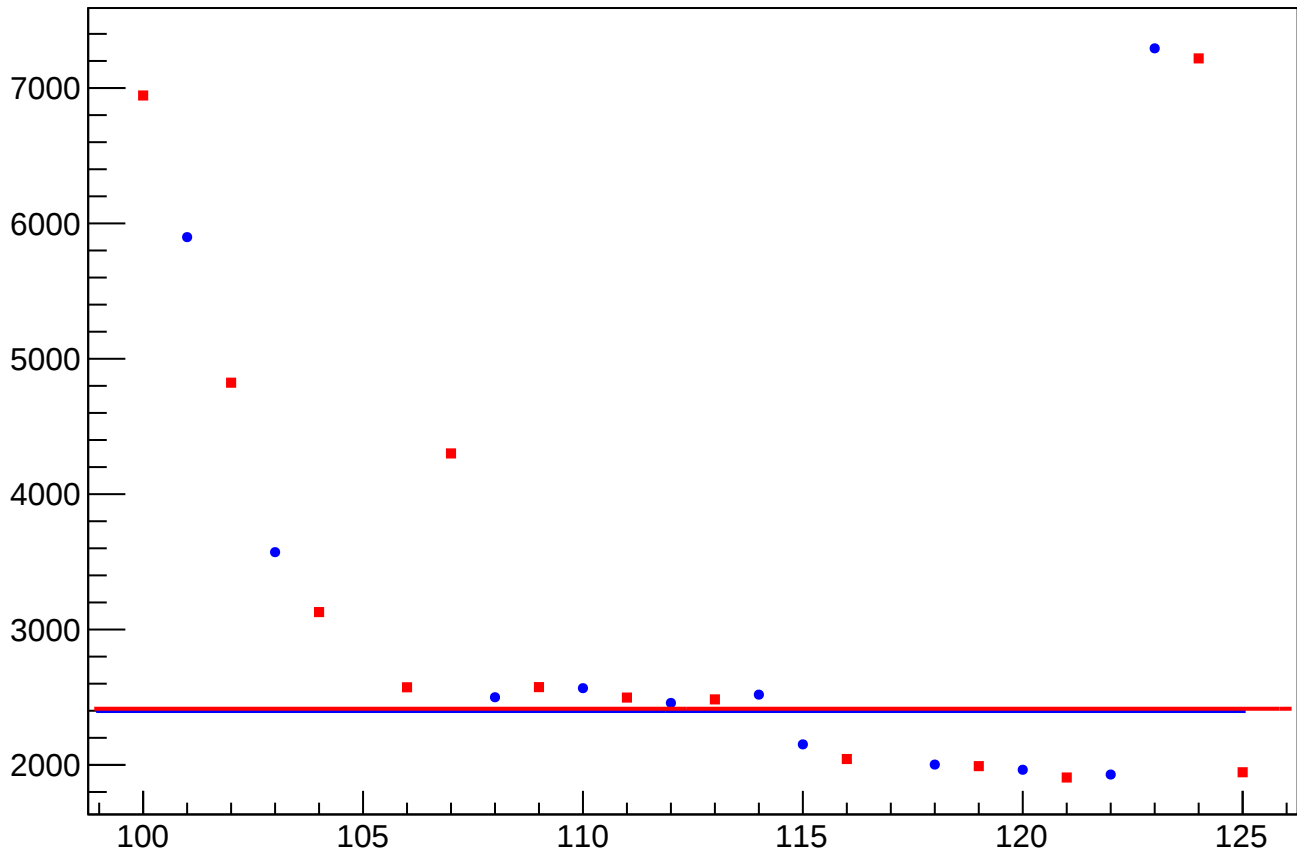
Right: -588.773 ± 864.113 χ^2/NDF : 27.8/23

In: -42.477 ± 1292.022 χ^2/NDF : 11.6/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -588.773 ± 864.113 χ^2/NDF : 27.8/23

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2398.020+/-0.914 χ^2/NDF : 689243.2/10

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

Right Out: 2414.940+/-0.822 χ^2/NDF : 778144.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

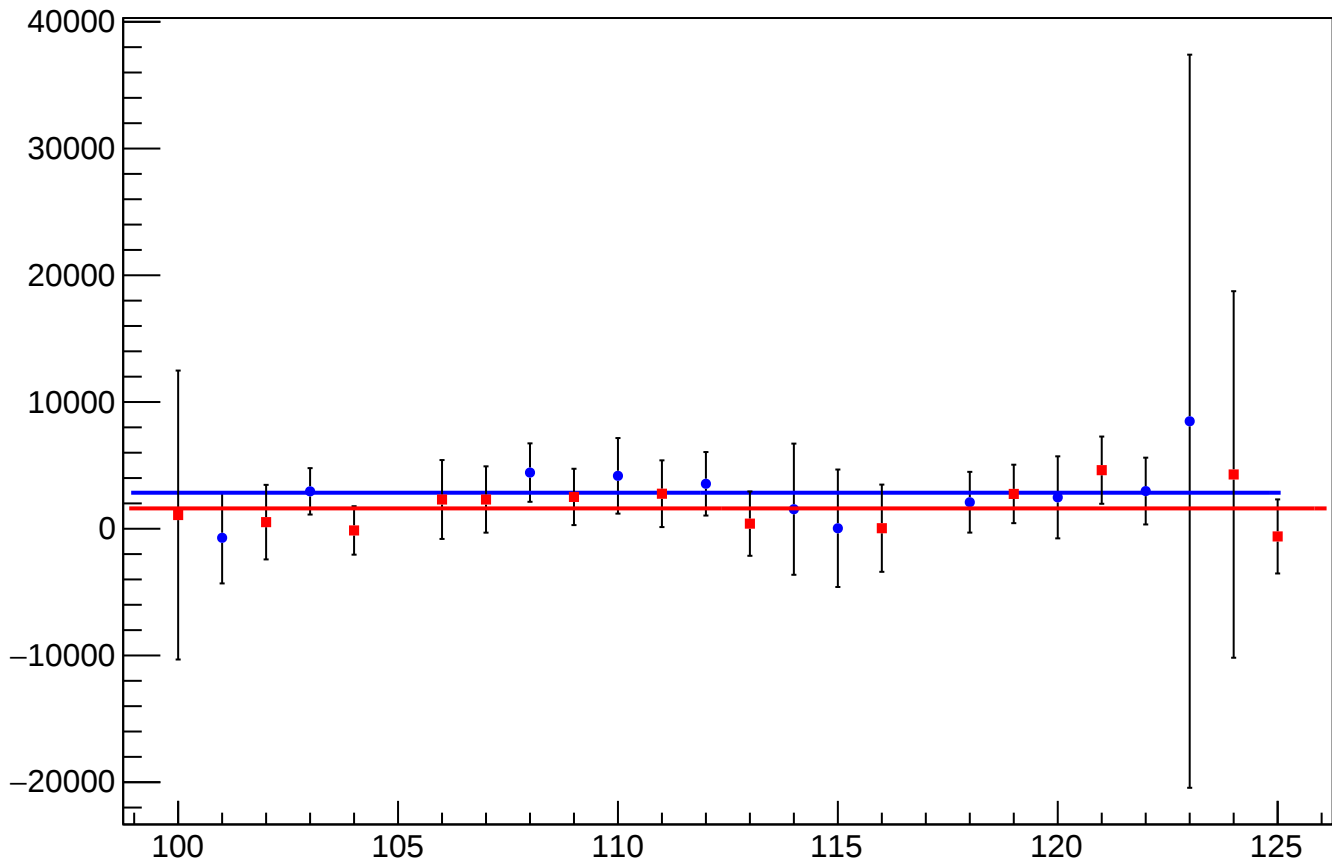
Right: 2407.371+/-0.611 χ^2/NDF : 1467577.2/23

In: 2398.020+/-0.914 χ^2/NDF : 689243.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2407.371+/-0.611 χ^2/NDF : 1467577.2/23

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2842.383+/-865.911 χ^2 /NDF: 2.3/10

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

Right Out: 1604.729+/-770.420 χ^2 /NDF: 4.0/12

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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

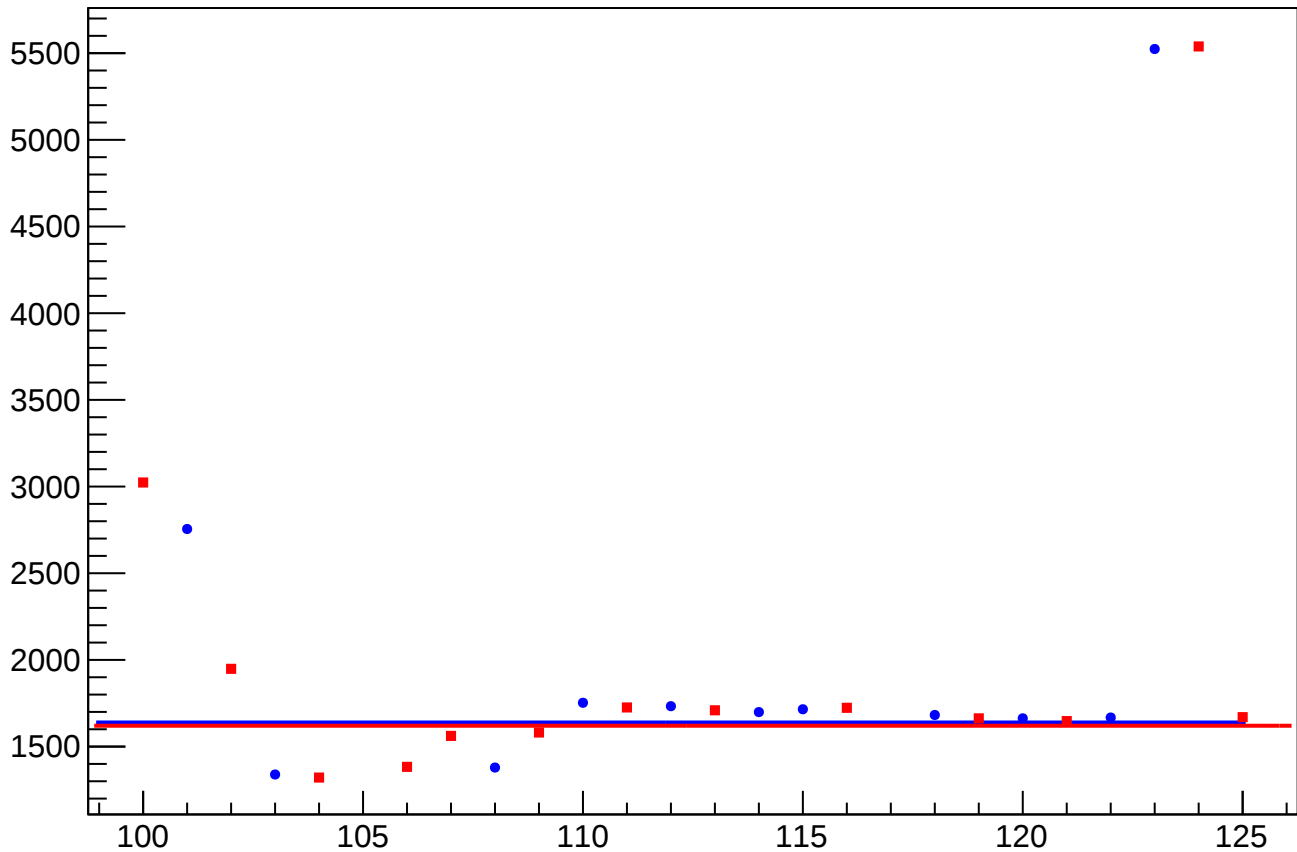
Right: 2151.575+/-575.581 χ^2 /NDF: 7.5/23

In: 2842.383+/-865.911 χ^2 /NDF: 2.3/10

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 2151.575+/-575.581 χ^2 /NDF: 7.5/23

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1639.016+/-0.612 χ^2/NDF : 315037.2/10

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

Right Out: 1620.326+/-0.545 χ^2/NDF : 273179.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

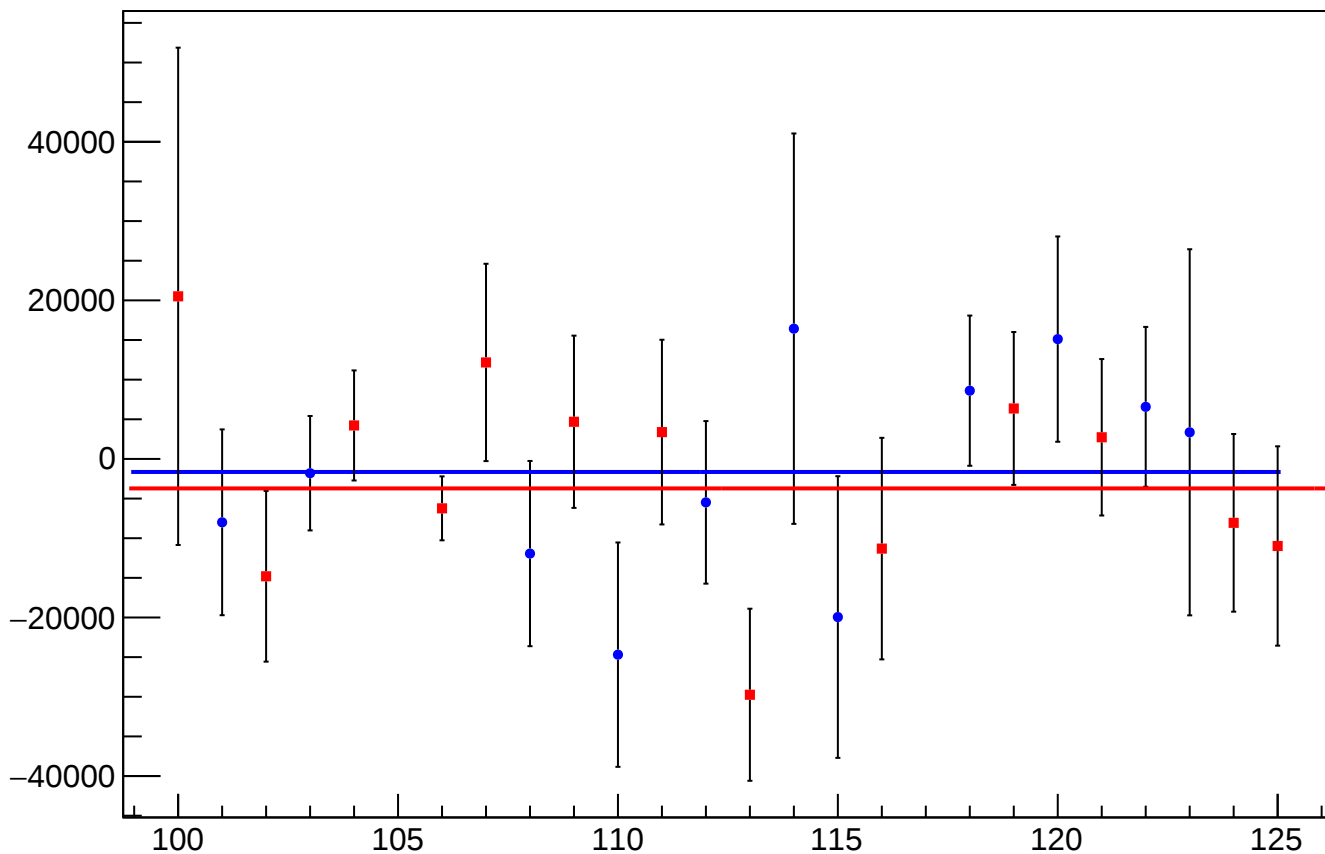
Right: 1628.584+/-0.407 χ^2/NDF : 588736.9/23

In: 1639.016+/-0.612 χ^2/NDF : 315037.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1628.584+/-0.407 χ^2/NDF : 588736.9/23

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -1643.667+/-3492.873 χ^2/NDF : 9.0/10

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

Right Out: -3719.086+/-2476.125 χ^2/NDF : 14.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

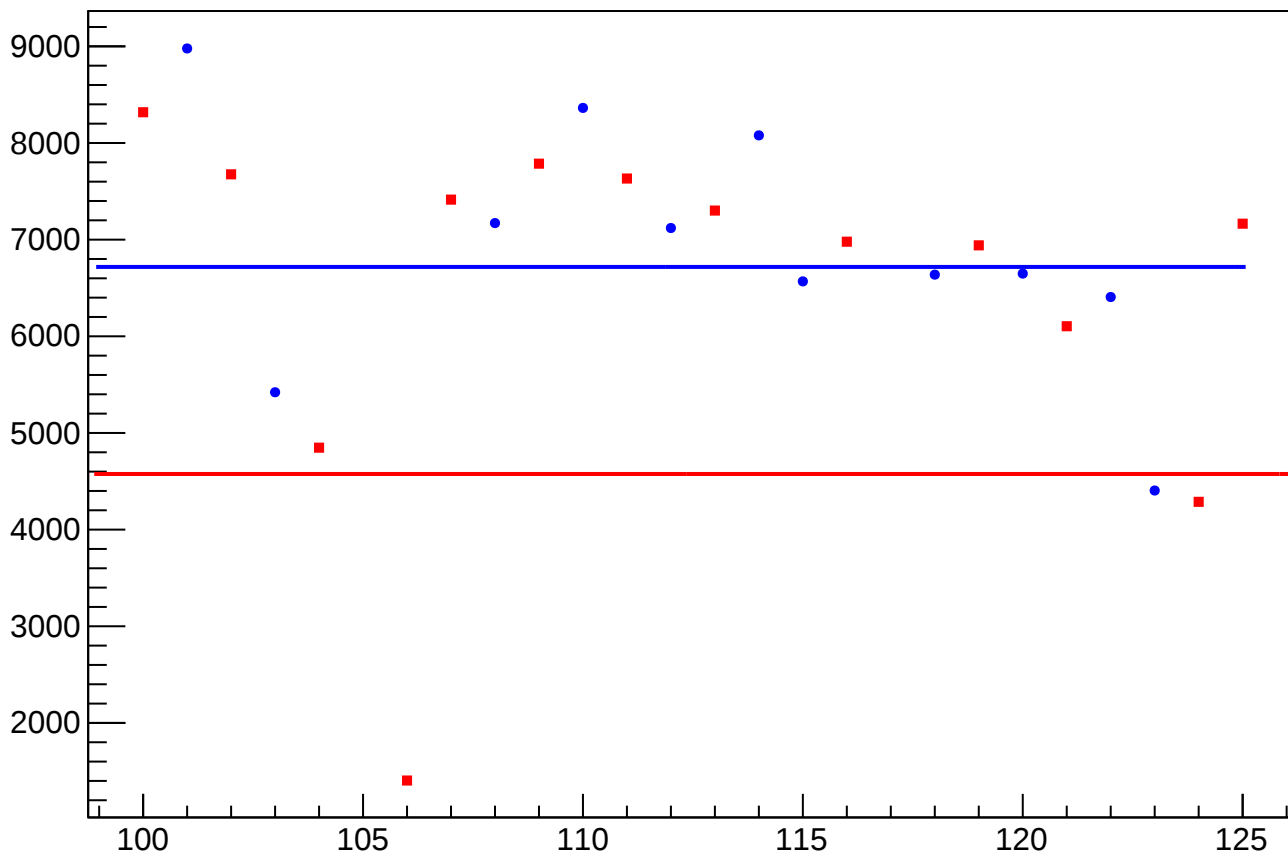
Right: -3024.931+/-2020.031 χ^2/NDF : 23.3/23

In: -1643.667+/-3492.873 χ^2/NDF : 9.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3024.931+/-2020.031 χ^2/NDF : 23.3/23

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 6717.793+/-2.470 χ^2/NDF : 200544.6/10

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

Right Out: 4575.600+/-1.751 χ^2/NDF : 2290290.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

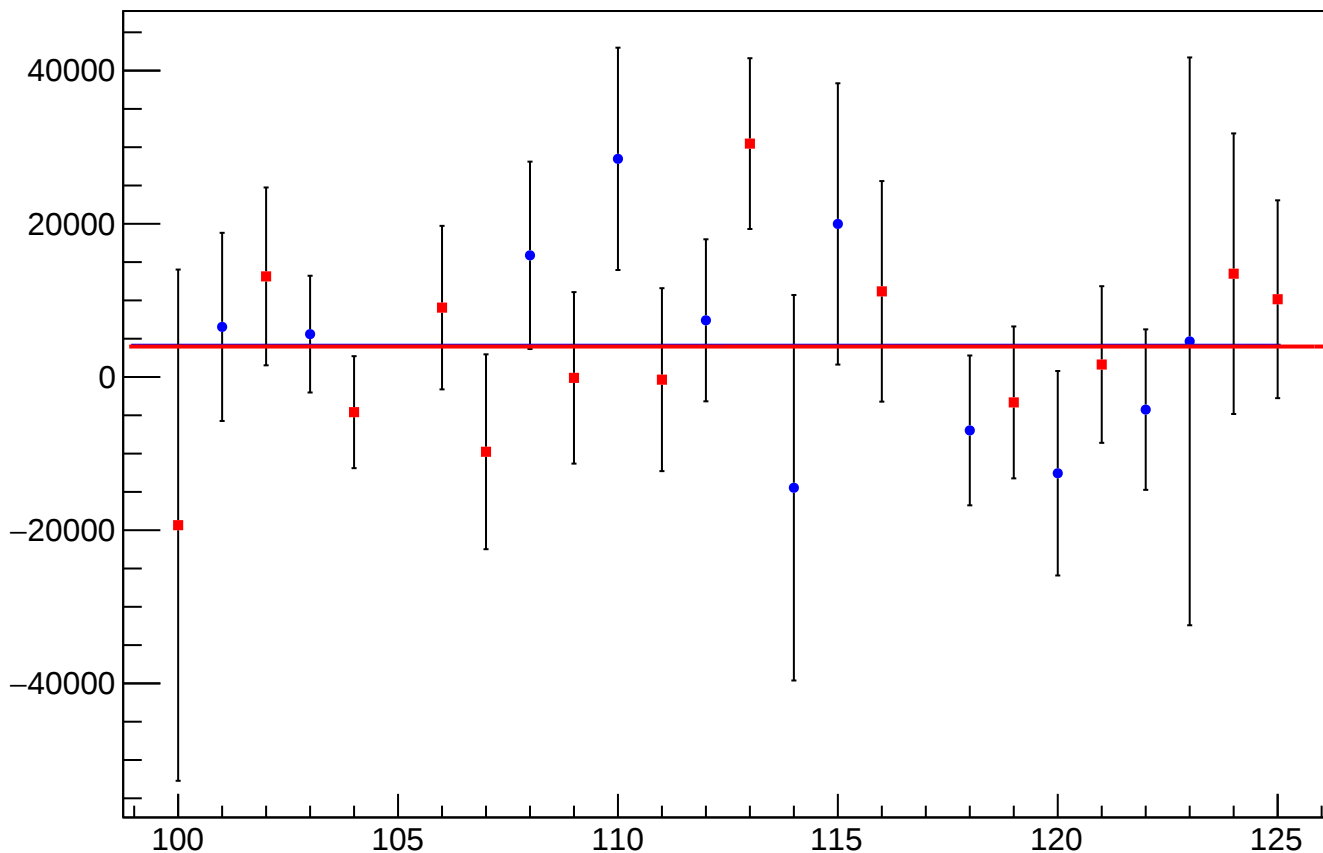
Right: 5292.089+/-1.428 χ^2/NDF : 2991506.4/23

In: 6717.793+/-2.470 χ^2/NDF : 200544.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5292.089+/-1.428 χ^2/NDF : 2991506.4/23

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 4083.732+/-3659.531 χ^2/NDF : 8.7/10

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

Right Out: 3977.837+/-3185.129 χ^2/NDF : 11.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

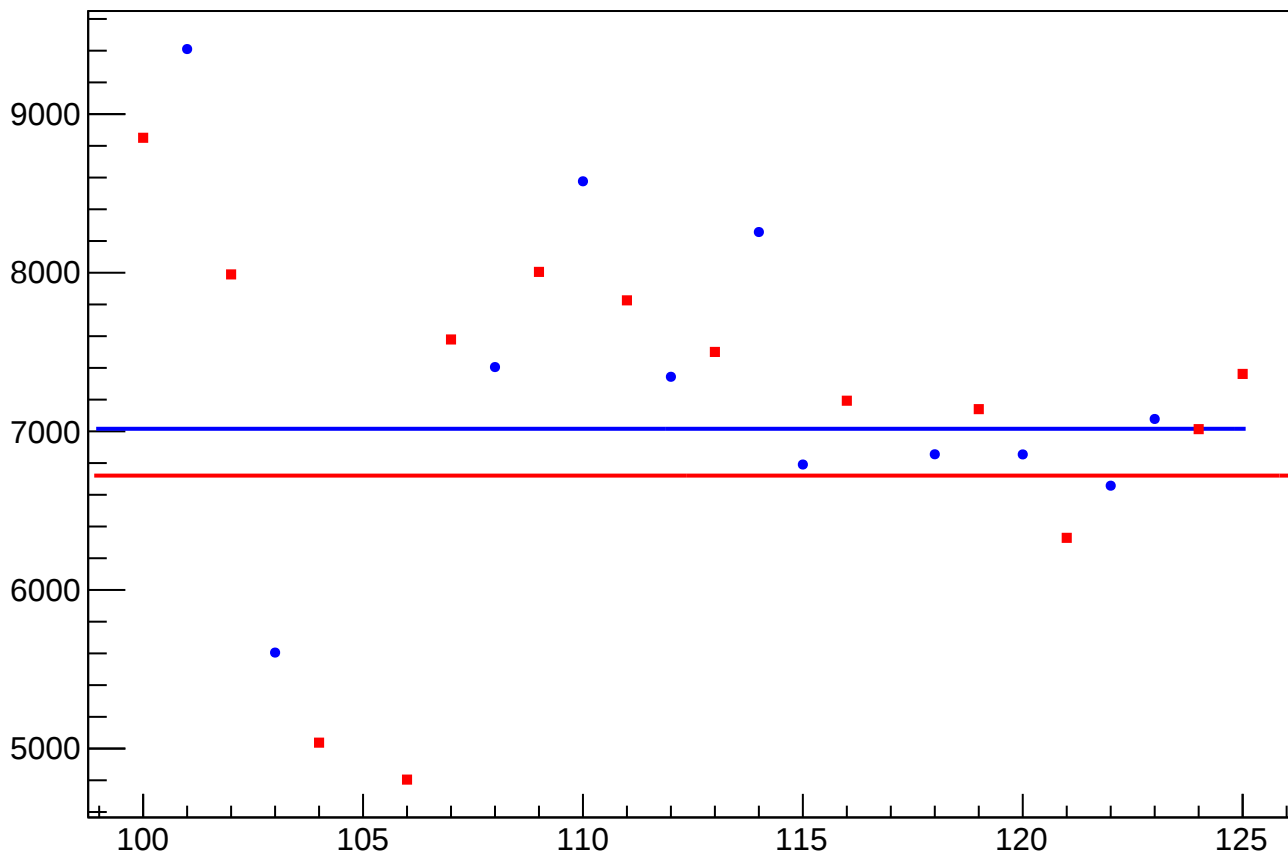
Right: 4023.480+/-2402.564 χ^2/NDF : 19.8/23

In: 4083.732+/-3659.531 χ^2/NDF : 8.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4023.480+/-2402.564 χ^2/NDF : 19.8/23

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7016.124+/-2.588 χ^2/NDF : 179988.6/10

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

Right Out: 6720.974+/-2.252 χ^2/NDF : 279328.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

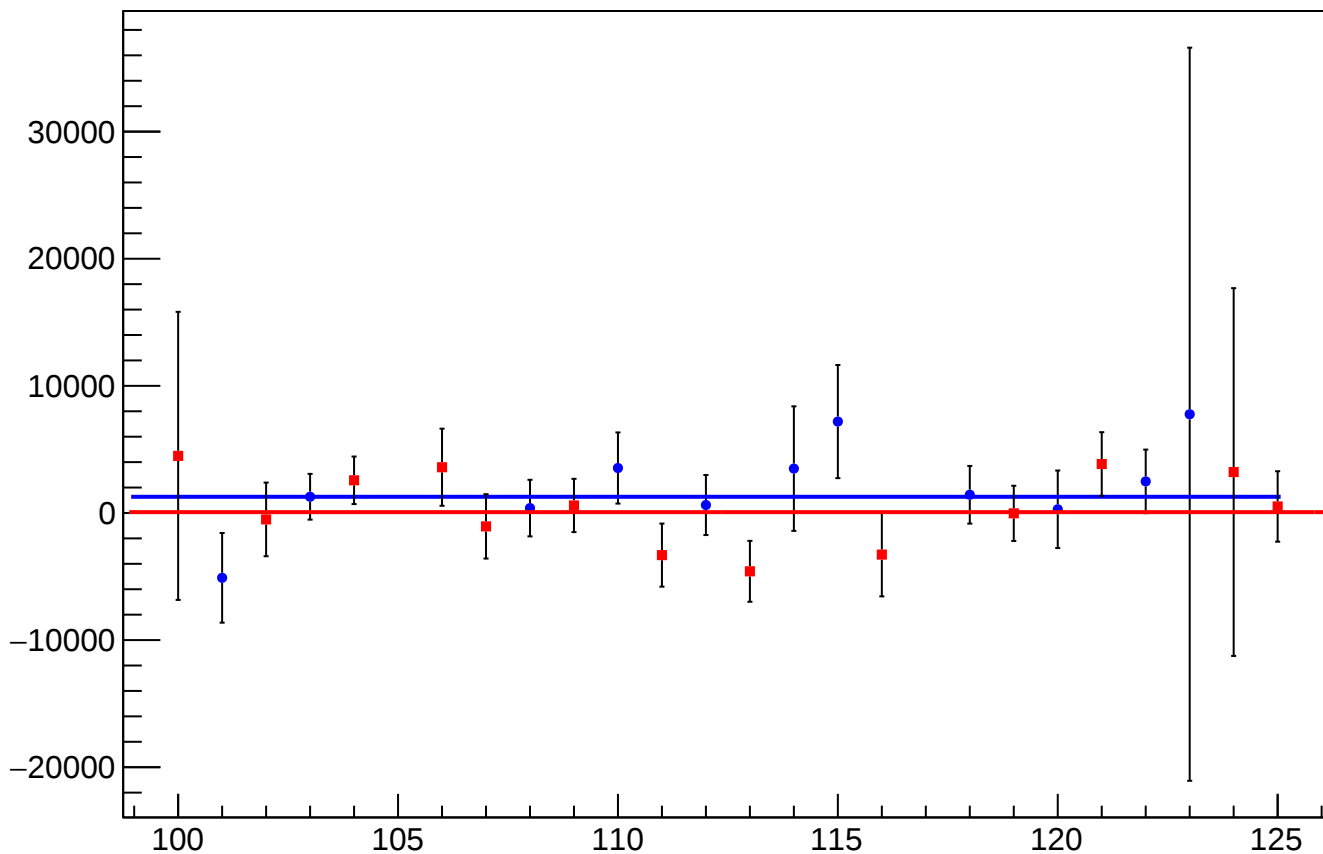
Right: 6848.172+/-1.699 χ^2/NDF : 466720.4/23

In: 7016.124+/-2.588 χ^2/NDF : 179988.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6848.172+/-1.699 χ^2/NDF : 466720.4/23

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1273.067 $\pm$ 829.578 χ^2 /NDF: 6.5/10

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

Right Out: 64.928 $\pm$ 737.021 χ^2 /NDF: 12.6/12

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

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

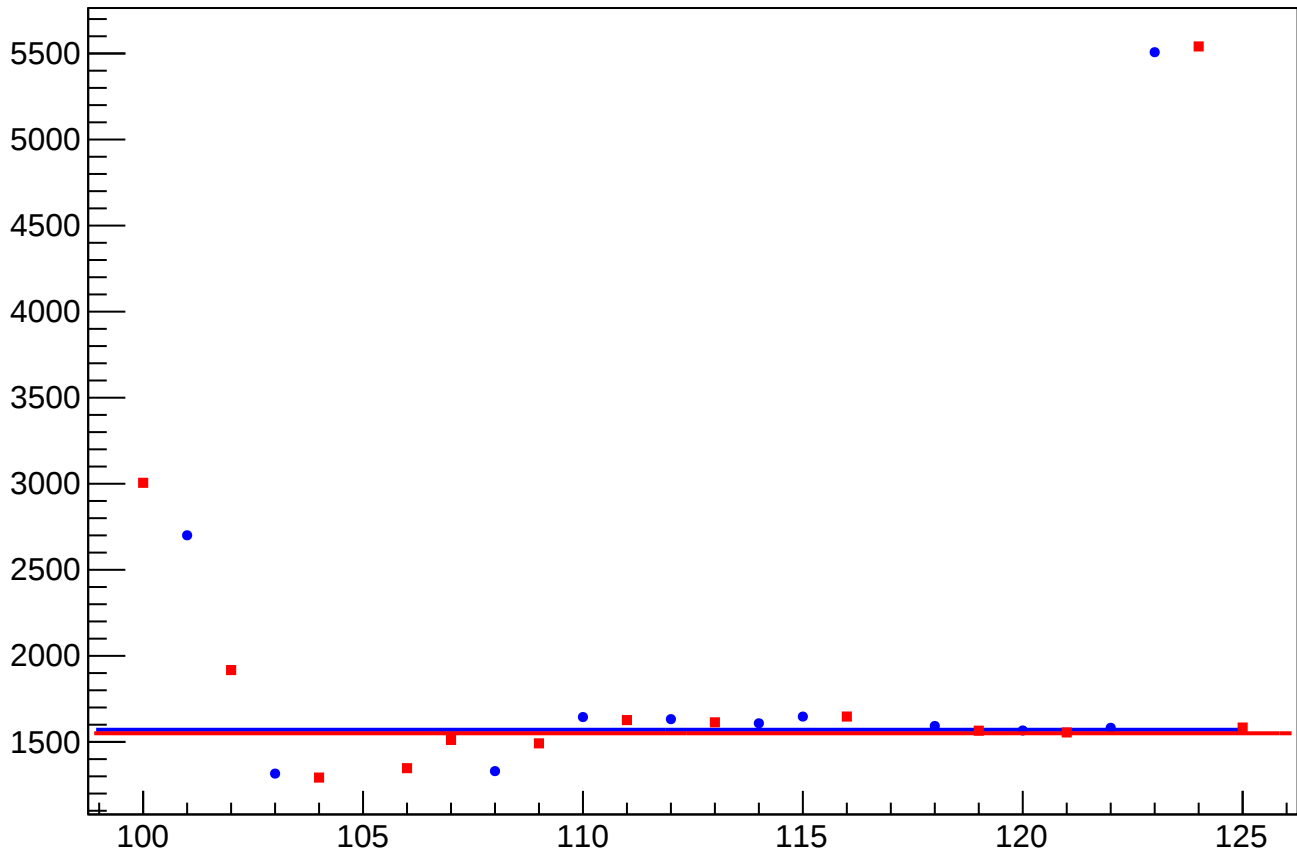
Right: 597.868 $\pm$ 550.982 χ^2 /NDF: 20.3/23

In: 1273.067 $\pm$ 829.578 χ^2 /NDF:6.5/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 597.868 $\pm$ 550.982 χ^2 /NDF: 20.3/23

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1570.599+/-0.587 χ^2/NDF : 309441.7/10

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

Right Out: 1550.210+/-0.521 χ^2/NDF : 271652.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

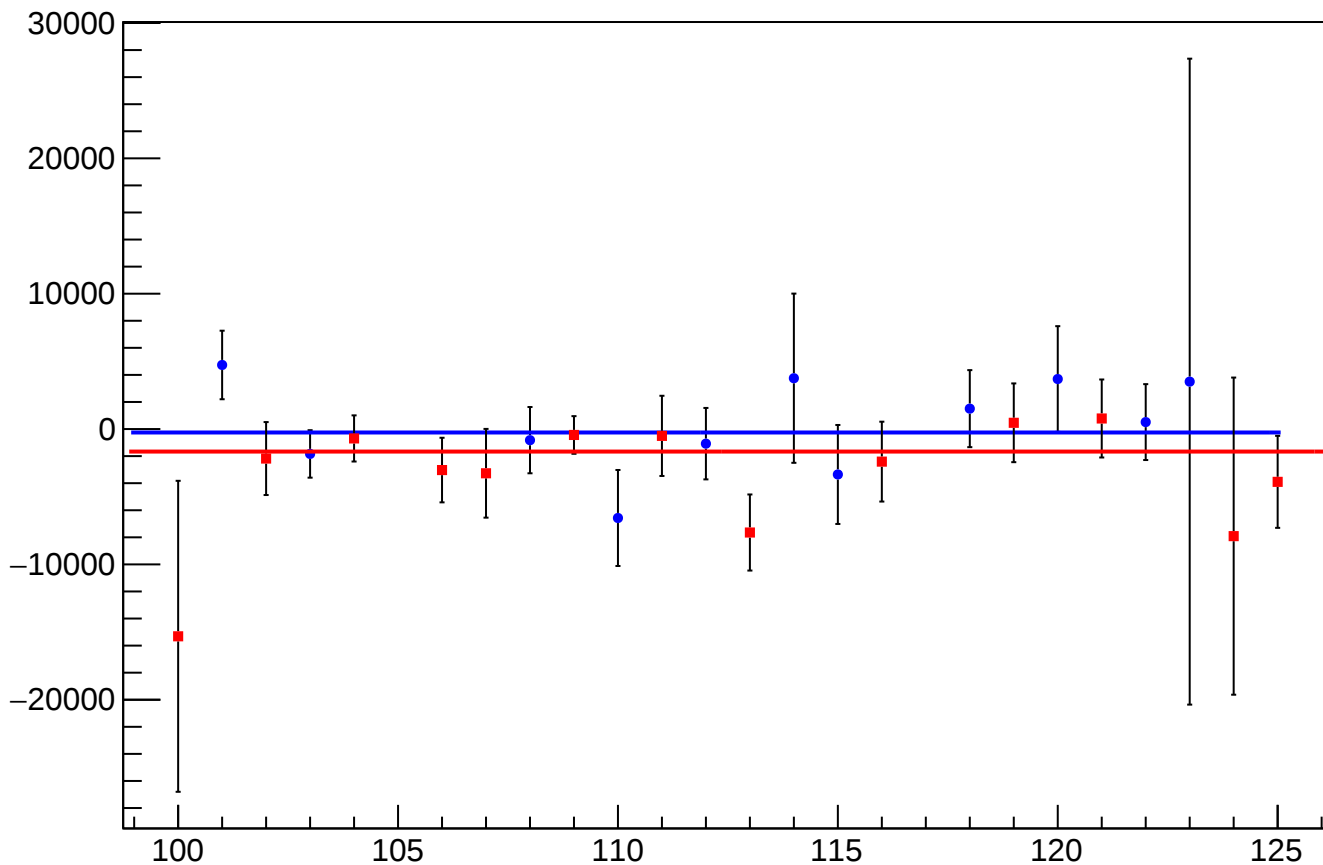
Right: 1559.204+/-0.390 χ^2/NDF : 581768.9/23

In: 1570.599+/-0.587 χ^2/NDF : 309441.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1559.204+/-0.390 χ^2/NDF : 581768.9/23

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -254.436+/-880.628 χ^2/NDF : 10.7/10

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

Right Out: -1663.855+/-713.705 χ^2/NDF : 9.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

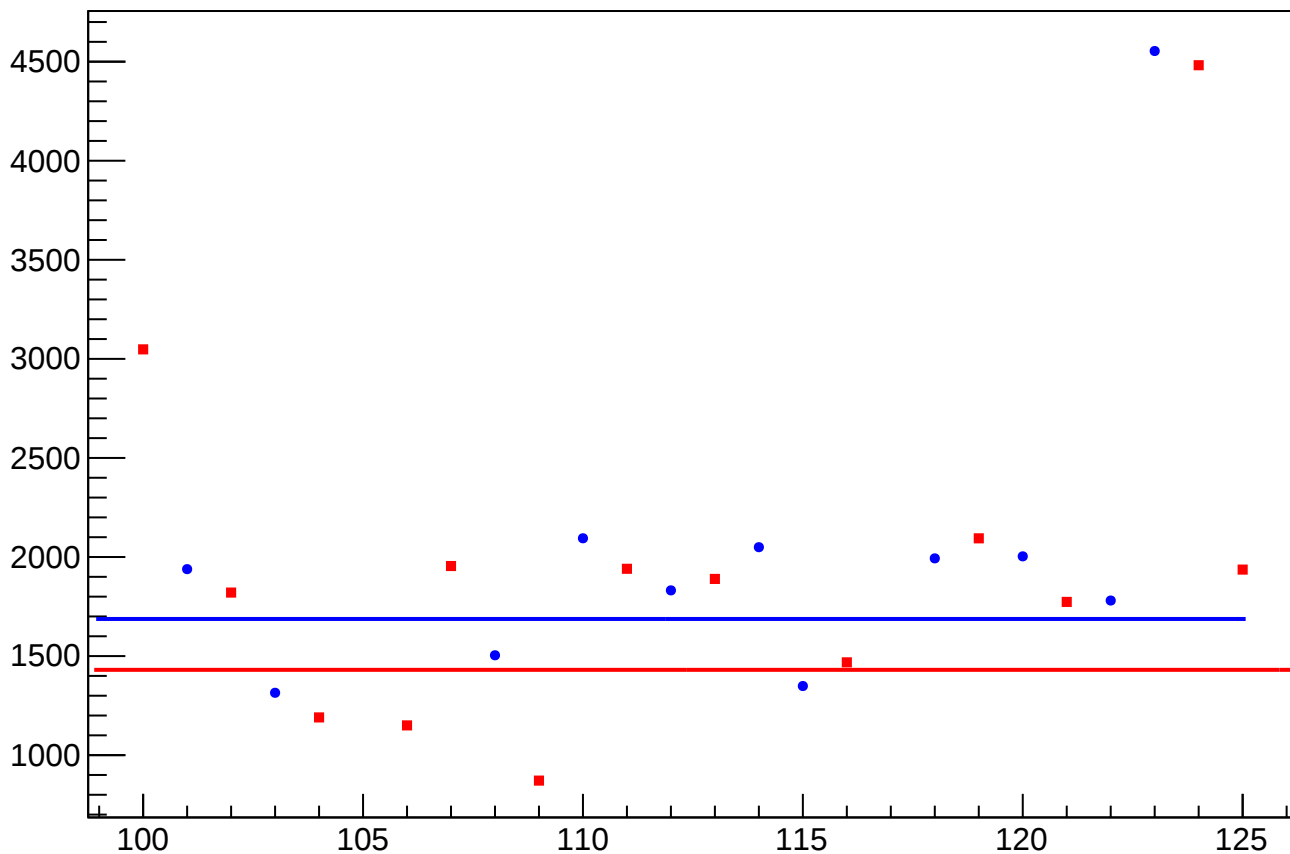
Right: -1105.108+/-554.472 χ^2/NDF : 22.0/23

In: -254.436+/-880.628 χ^2/NDF : 10.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1105.108+/-554.472 χ^2/NDF : 22.0/23

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 1687.342+/-0.623 χ^2/NDF : 244624.0/10

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

Right Out: 1430.566+/-0.505 χ^2/NDF : 948505.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

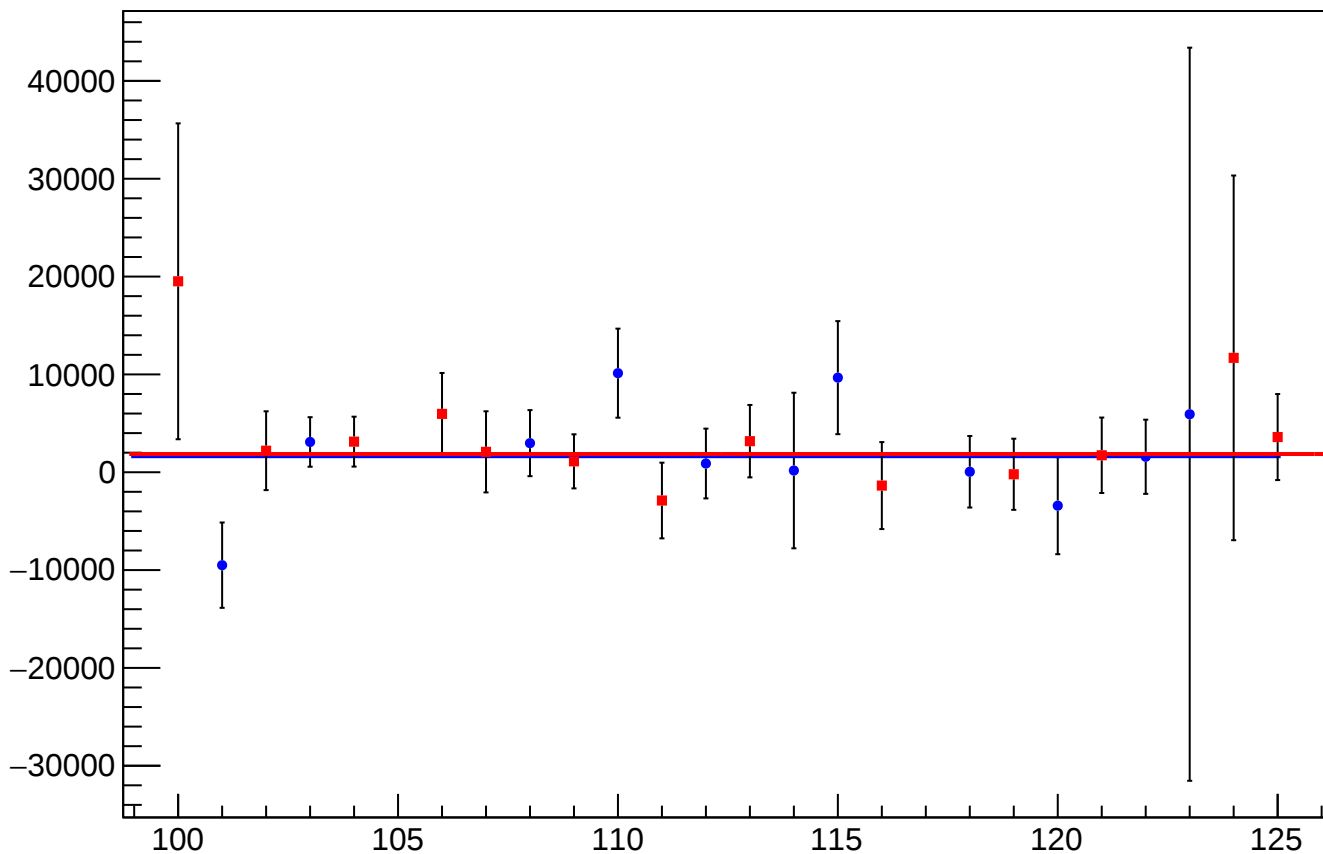
Right: 1532.362+/-0.392 χ^2/NDF : 1295760.0/23

In: 1687.342+/-0.623 χ^2/NDF : 244624.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1532.362+/-0.392 χ^2/NDF : 1295760.0/23

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1641.605+/-1235.826 χ^2/NDF : 13.7/10

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

Right Out: 1863.028+/-1082.410 χ^2/NDF : 5.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

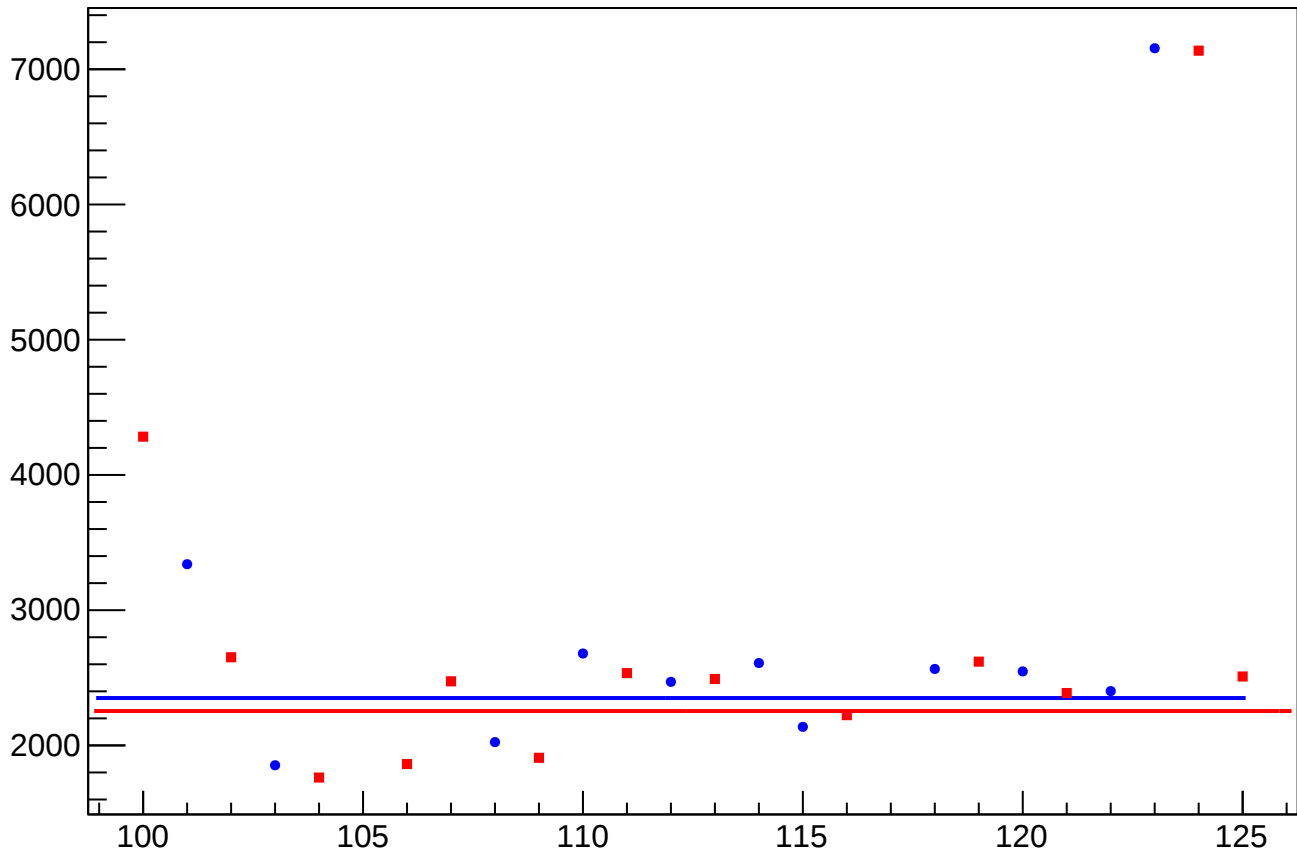
Right: 1766.906+/-814.250 χ^2/NDF : 19.2/23

In: 1641.605+/-1235.826 χ^2/NDF : 13.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1766.906+/-814.250 χ^2/NDF : 19.2/23

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2350.360+/-0.874 χ^2/NDF : 259647.7/10

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

Right Out: 2254.332+/-0.765 χ^2/NDF : 365396.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

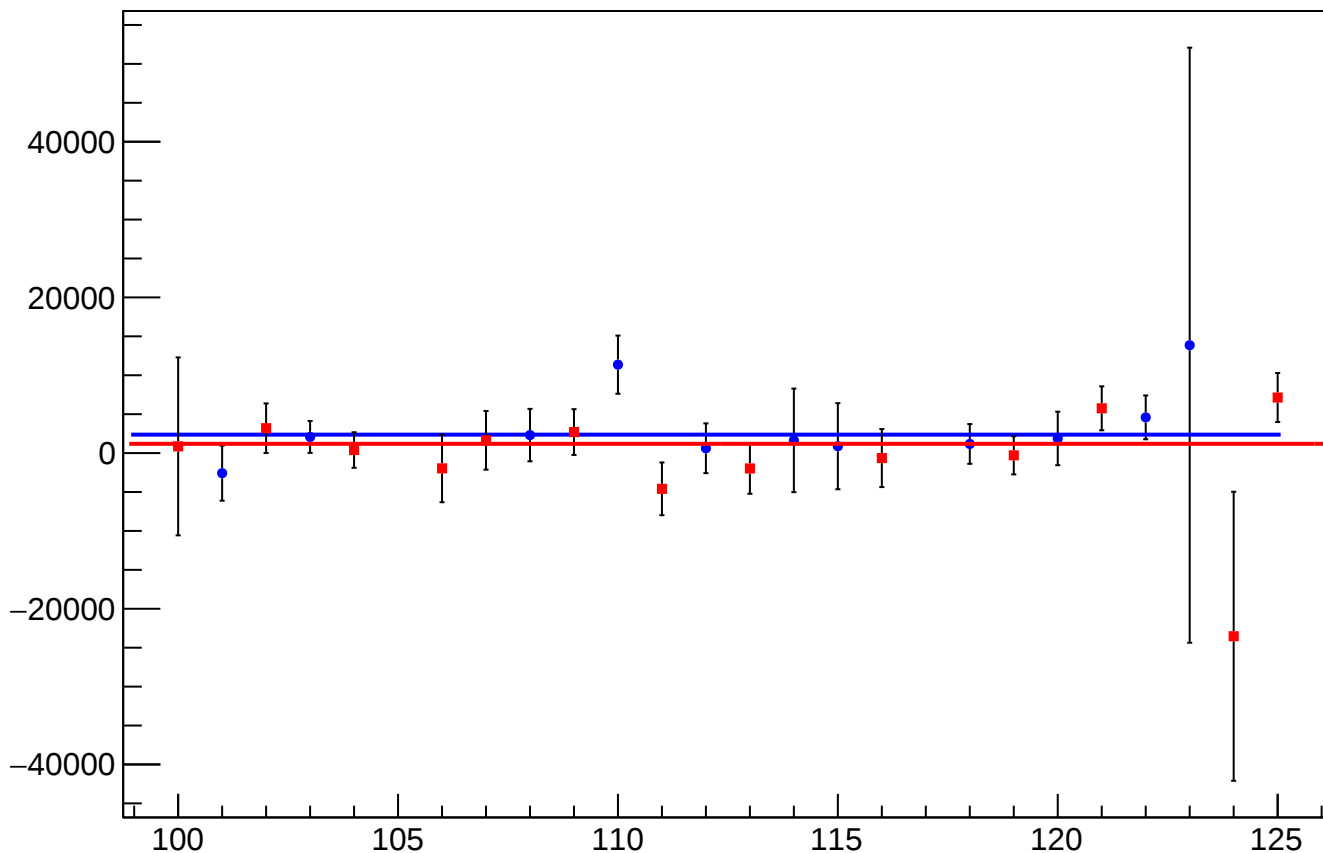
Right: 2296.019+/-0.576 χ^2/NDF : 631877.8/23

In: 2350.360+/-0.874 χ^2/NDF : 259647.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2296.019+/-0.576 χ^2/NDF : 631877.8/23

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2370.640 $\pm$ 1002.273 χ^2 /NDF: 9.1/10

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

Right Out: 1192.258 $\pm$ 917.794 χ^2 /NDF: 13.7/12

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

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

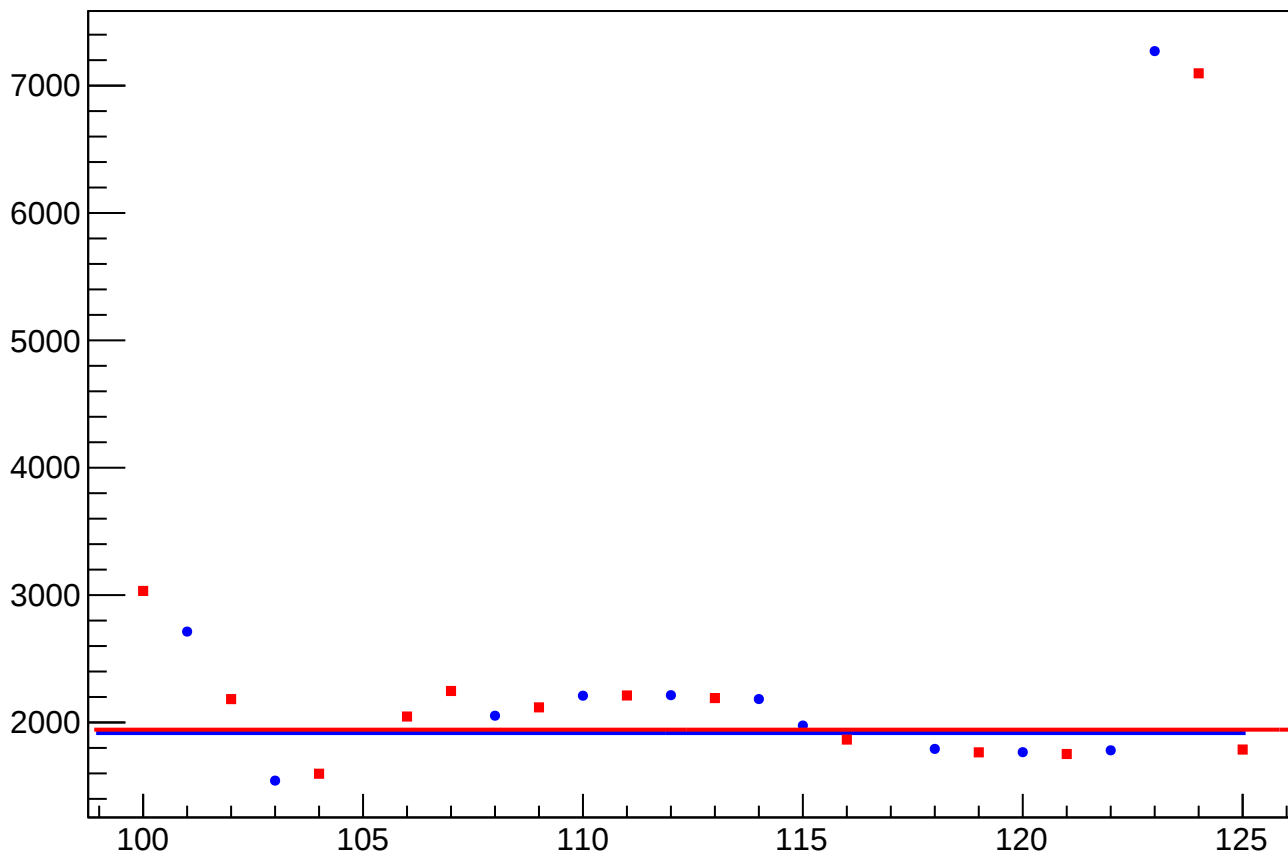
Right: 1729.703 $\pm$ 676.877 χ^2 /NDF: 23.6/23

In: 2370.640 $\pm$ 1002.273 χ^2 /NDF:9.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1729.703 $\pm$ 676.877 χ^2 /NDF: 23.6/23

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1916.622+/-0.709 χ^2/NDF : 256605.5/10

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

Right Out: 1943.510+/-0.647 χ^2/NDF : 300579.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

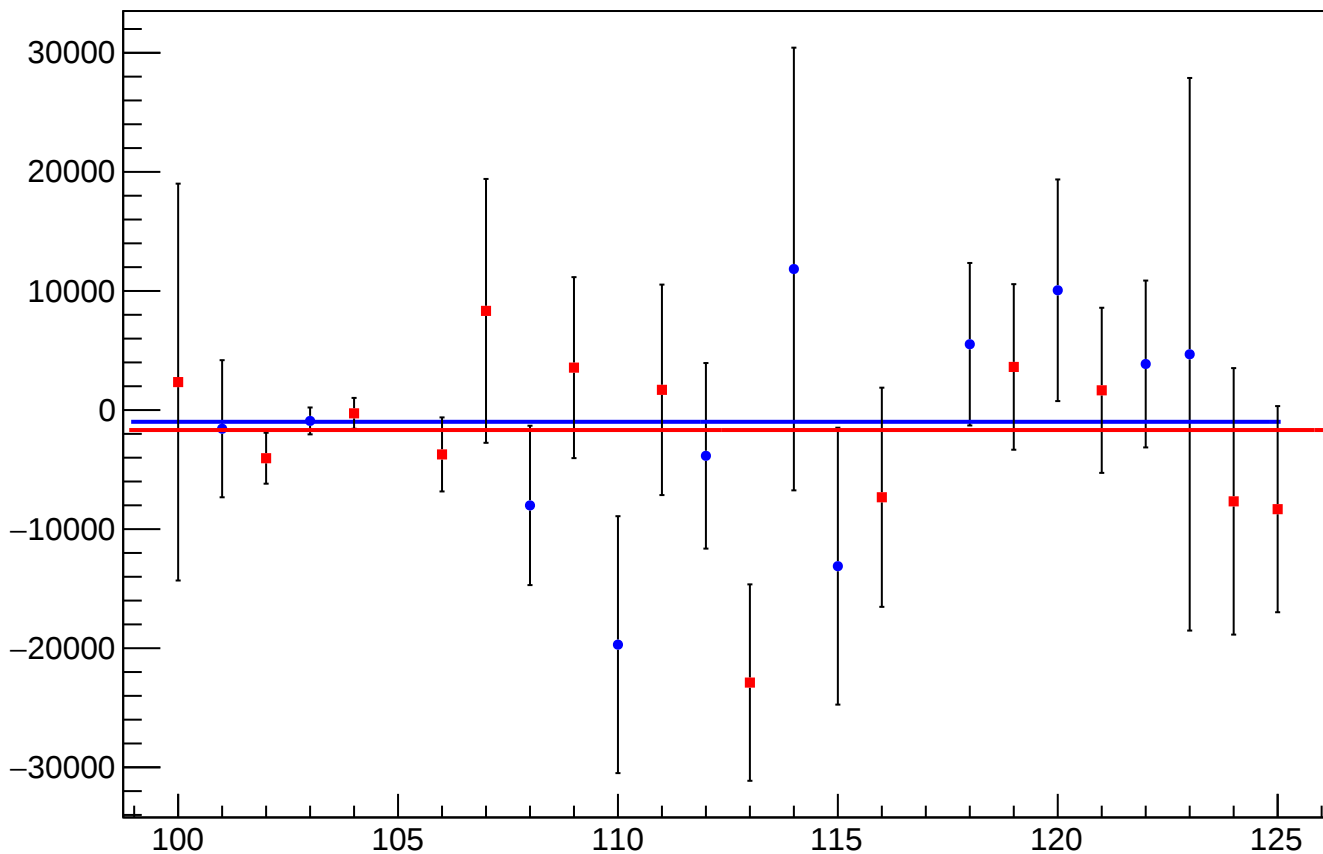
Right: 1931.279+/-0.478 χ^2/NDF : 557969.4/23

In: 1916.622+/-0.709 χ^2/NDF : 256605.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1931.279+/-0.478 χ^2/NDF : 557969.4/23

asym_atl1r2_avg_correction_mean vs Slug, Sign Corrected



Right In: -986.414+/-1038.170 χ^2/NDF : 8.7/10

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

Right Out: -1677.707+/-976.273 χ^2/NDF : 13.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

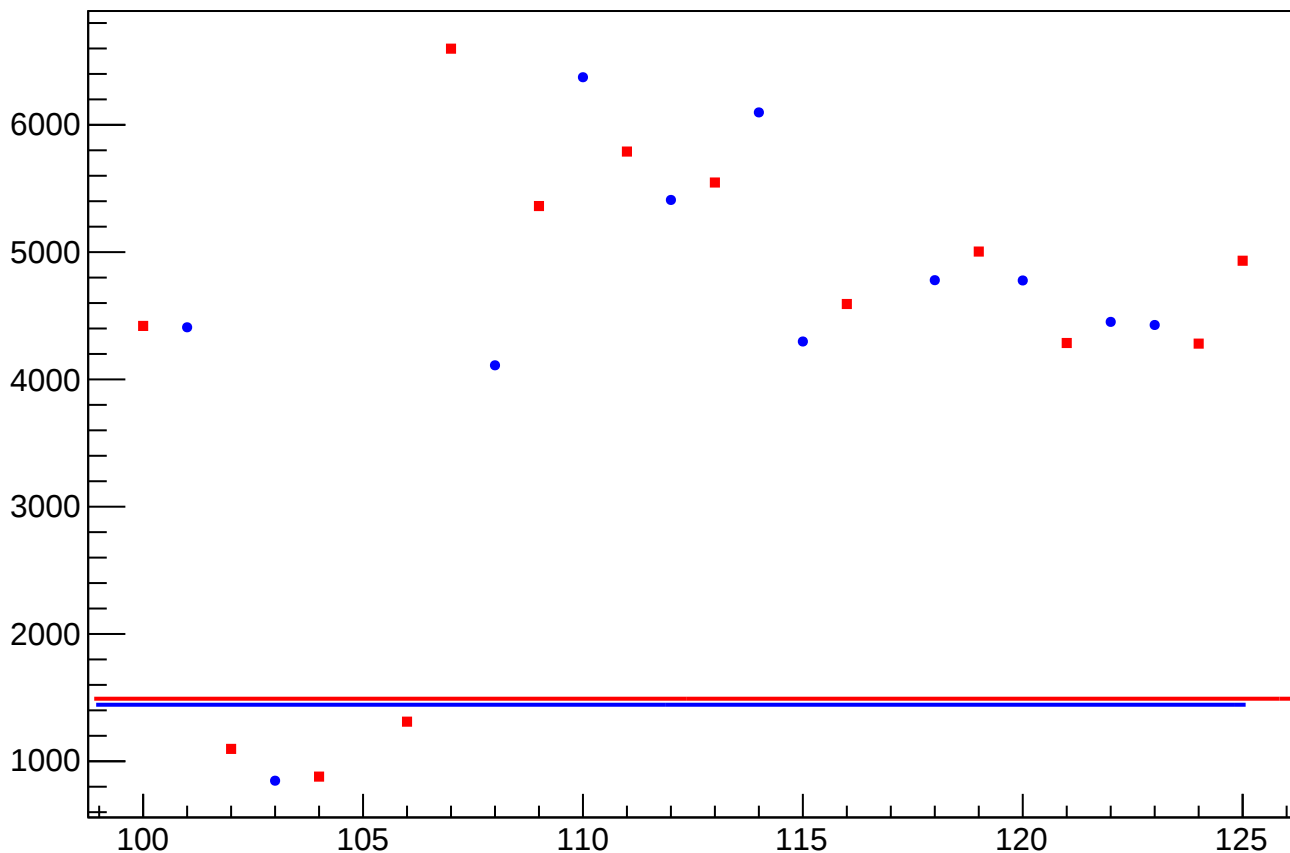
Right: -1353.282+/-711.205 χ^2/NDF : 21.9/23

In: -986.414+/-1038.170 χ^2/NDF : 8.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1353.282+/-711.205 χ^2/NDF : 21.9/23

asym_atl1r2_avg_correction_rms vs Slug, Sign Corrected



Right In: 1444.052+/-0.734 χ^2/NDF : 3725288.4/10

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

Right Out: 1491.370+/-0.690 χ^2/NDF : 3986762.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

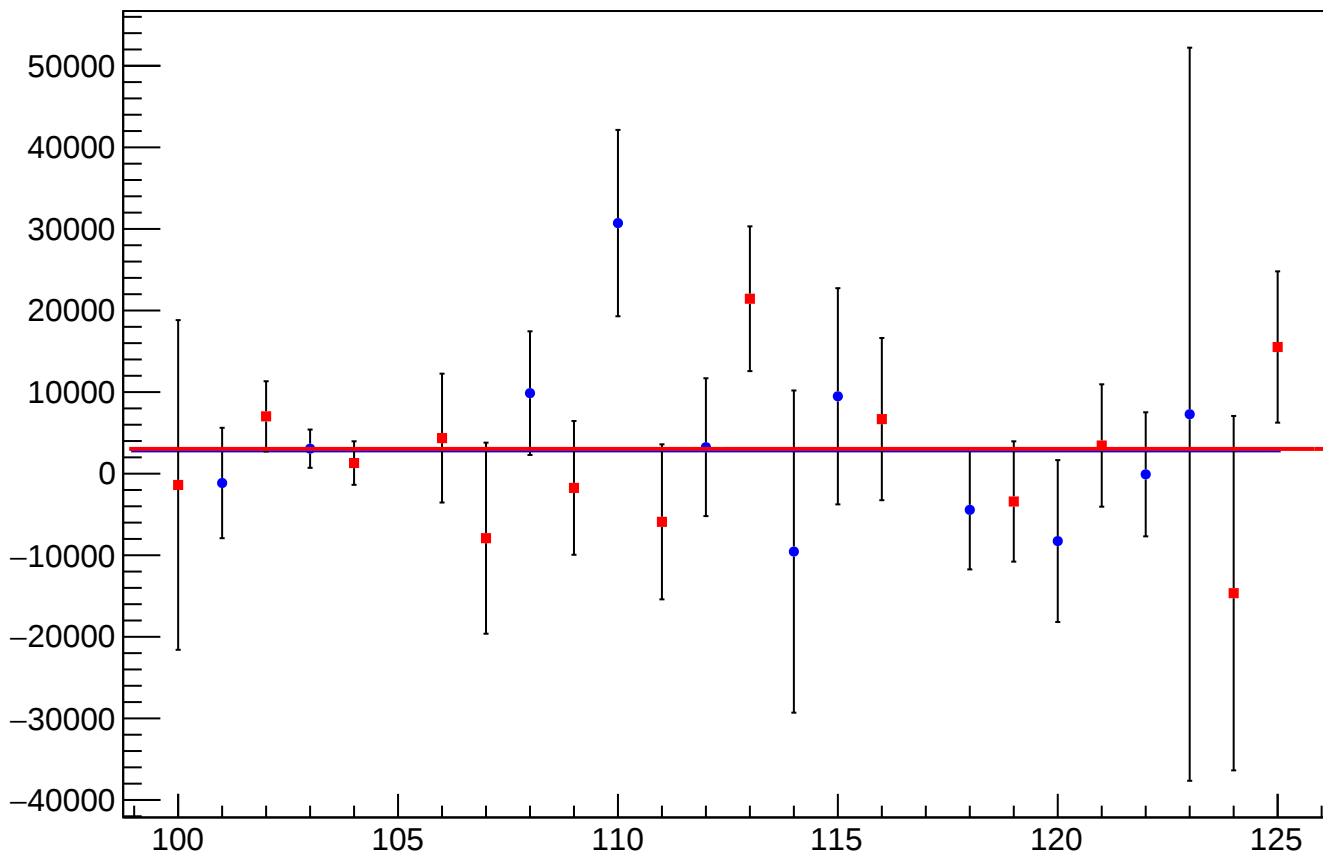
Right: 1469.164+/-0.503 χ^2/NDF : 7714255.6/23

In: 1444.052+/-0.734 χ^2/NDF :3725288.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1469.164+/-0.503 χ^2/NDF : 7714255.6/23

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2852.918+/-1832.605 χ^2/NDF : 10.2/10

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

Right Out: 3034.449+/-1770.697 χ^2/NDF : 11.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

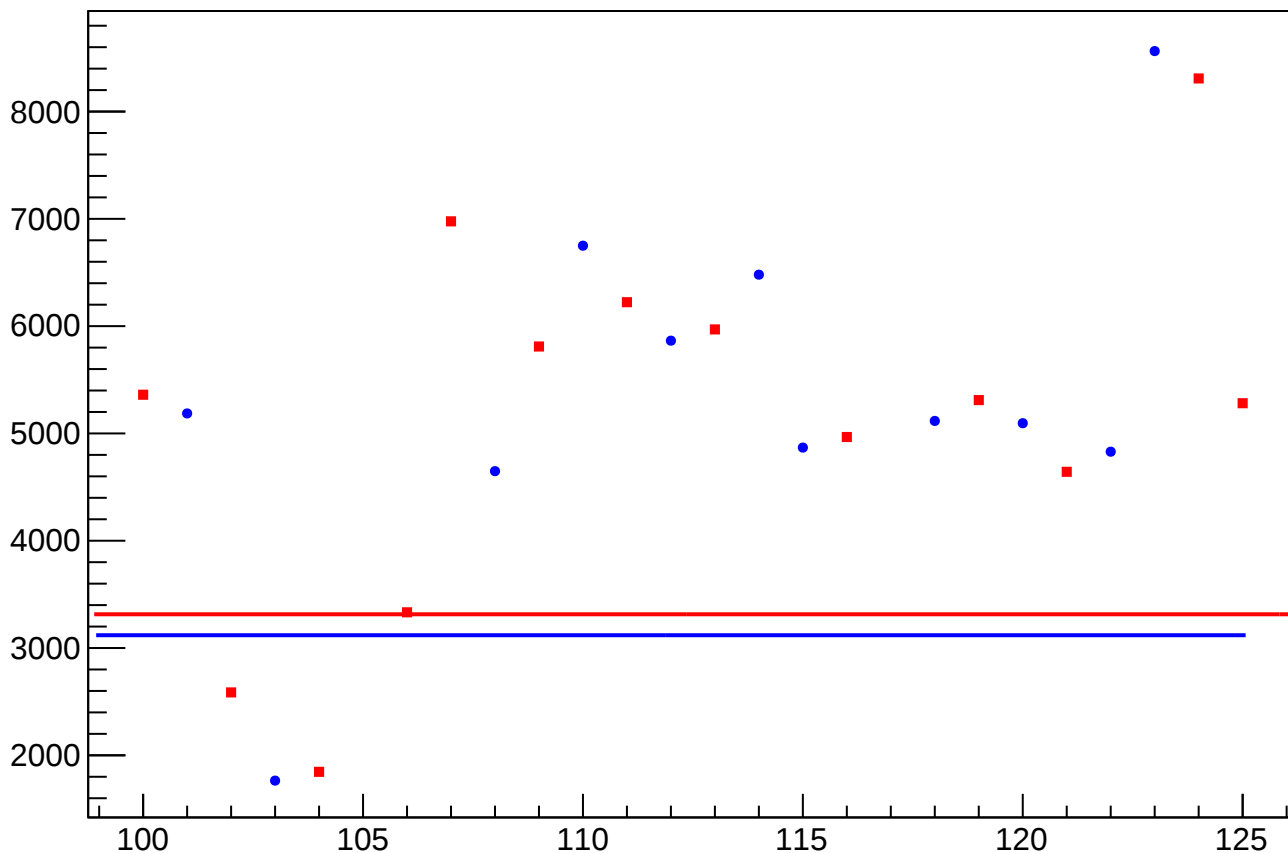
Right: 2946.801+/-1273.396 χ^2/NDF : 21.4/23

In: 2852.918+/-1832.605 χ^2/NDF : 10.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2946.801+/-1273.396 χ^2/NDF : 21.4/23

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 3119.351+/-1.296 χ^2/NDF : 1801666.2/10

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

Right Out: 3314.525+/-1.242 χ^2/NDF : 1891371.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

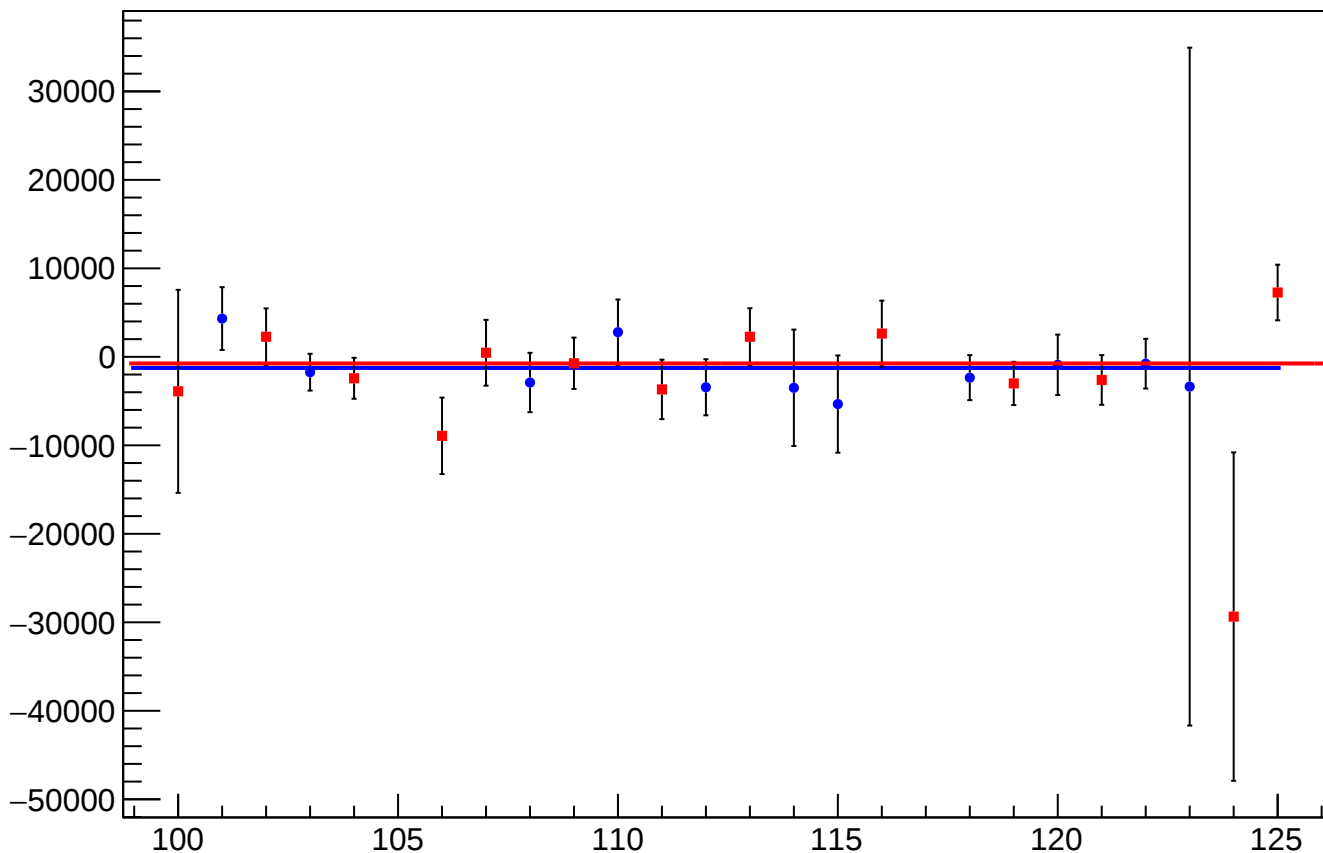
Right: 3221.078+/-0.897 χ^2/NDF : 3704861.4/23

In: 3119.351+/-1.296 χ^2/NDF : 1801666.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3221.078+/-0.897 χ^2/NDF : 3704861.4/23

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1256.407 $\pm$ 1001.653 χ^2 /NDF: 5.3/10

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

Right Out: -750.852 $\pm$ 916.021 χ^2 /NDF: 17.8/12

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

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

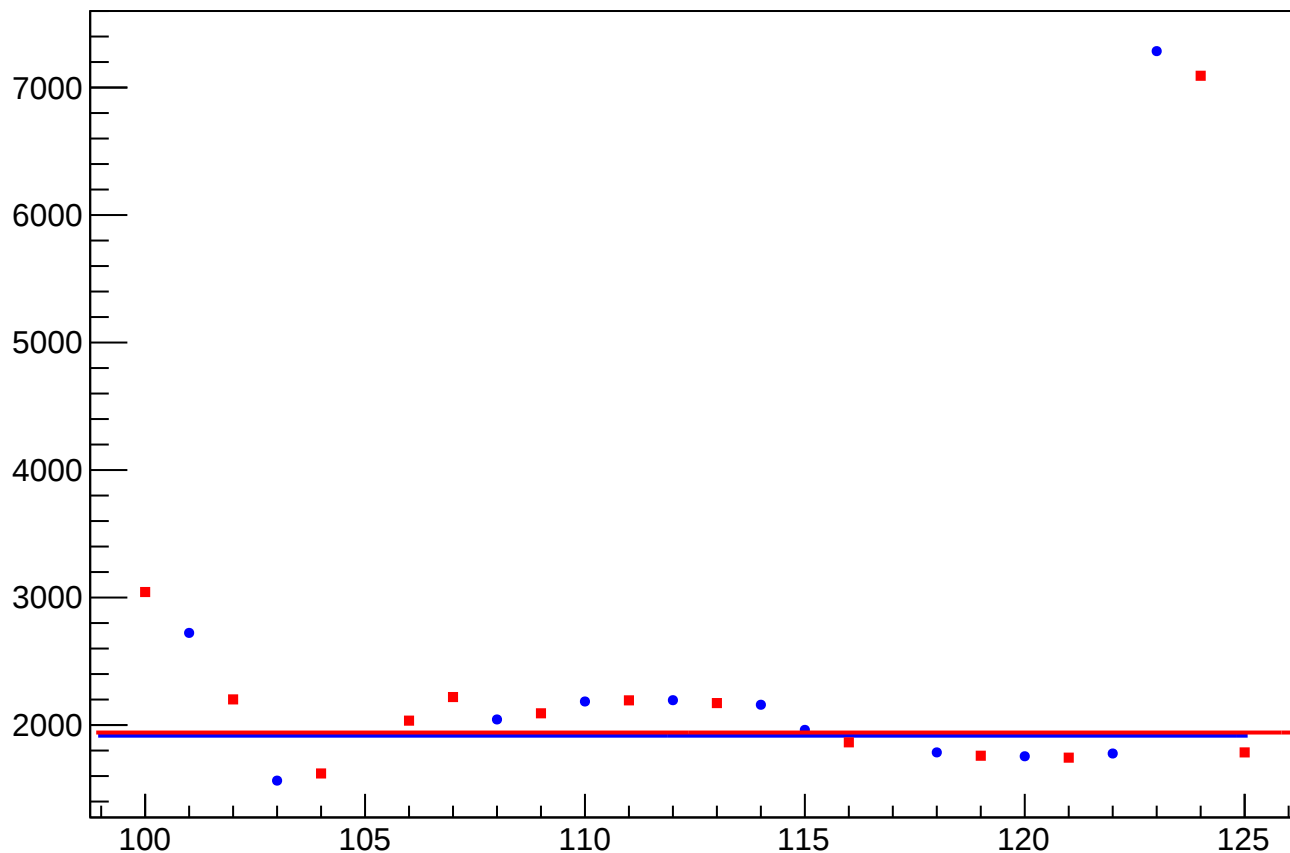
Right: -981.099 $\pm$ 675.974 χ^2 /NDF: 23.3/23

In: -1256.407 $\pm$ 1001.653 χ^2 /NDF:5.3/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -981.099 $\pm$ 675.974 χ^2 /NDF: 23.3/23

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1916.719+/-0.708 χ^2/NDF : 246452.0/10

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

Right Out: 1941.314+/-0.646 χ^2/NDF : 290122.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

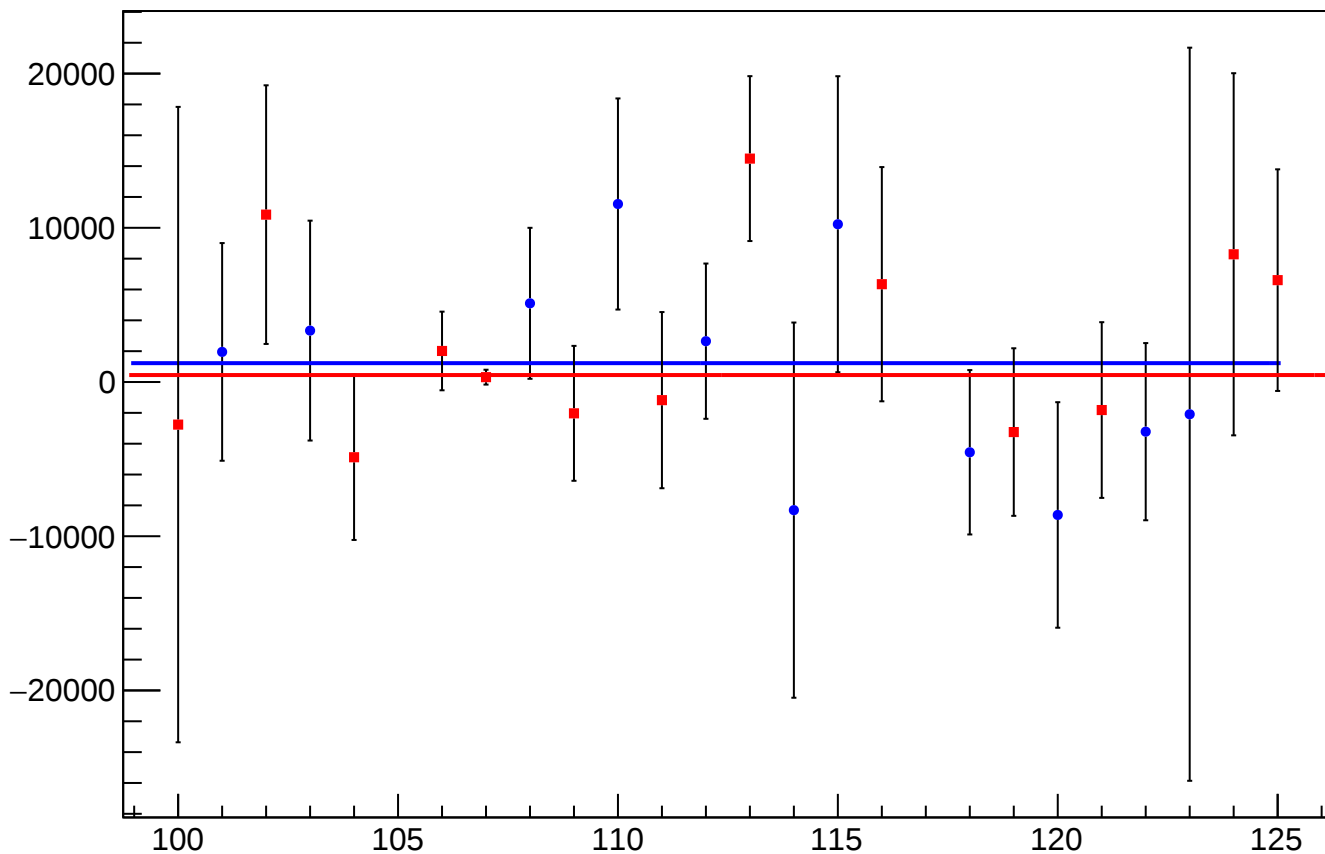
Right: 1930.142+/-0.477 χ^2/NDF : 537232.5/23

In: 1916.719+/-0.708 χ^2/NDF :246452.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1930.142+/-0.477 χ^2/NDF : 537232.5/23

asym_atl1r2_dd_correction_mean vs Slug, Sign Corrected



Right In: 1223.065+/-2016.764 χ^2/NDF : 8.2/10

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

Right Out: 452.025+/-459.325 χ^2/NDF : 12.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

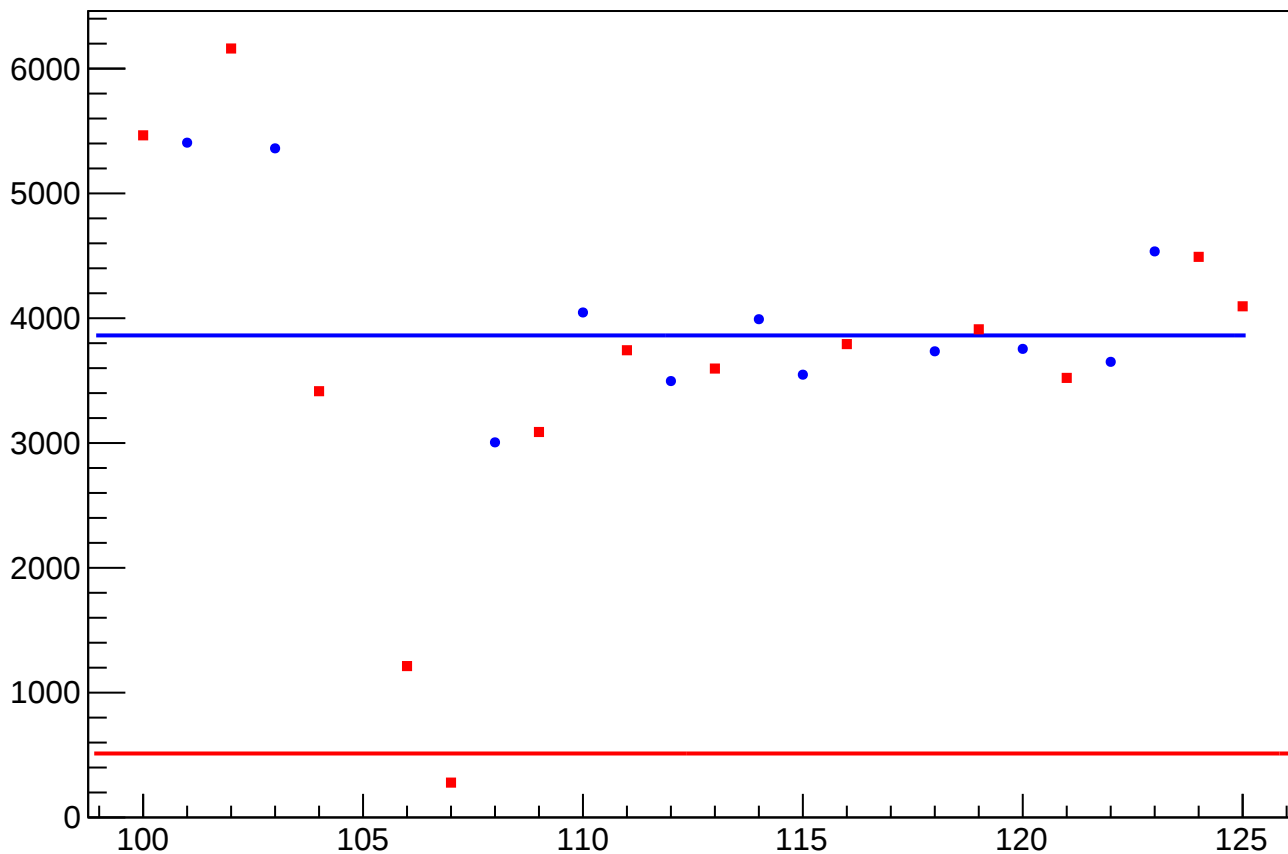
Right: 490.048+/-447.856 χ^2/NDF : 21.0/23

In: 1223.065+/-2016.764 χ^2/NDF : 8.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 490.048+/-447.856 χ^2/NDF : 21.0/23

asym_atl1r2_dd_correction_rms vs Slug, Sign Corrected



Right In: 3862.148+/-1.426 χ^2/NDF : 265710.1/10

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

Right Out: 512.483+/-0.325 χ^2/NDF : 6668884.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

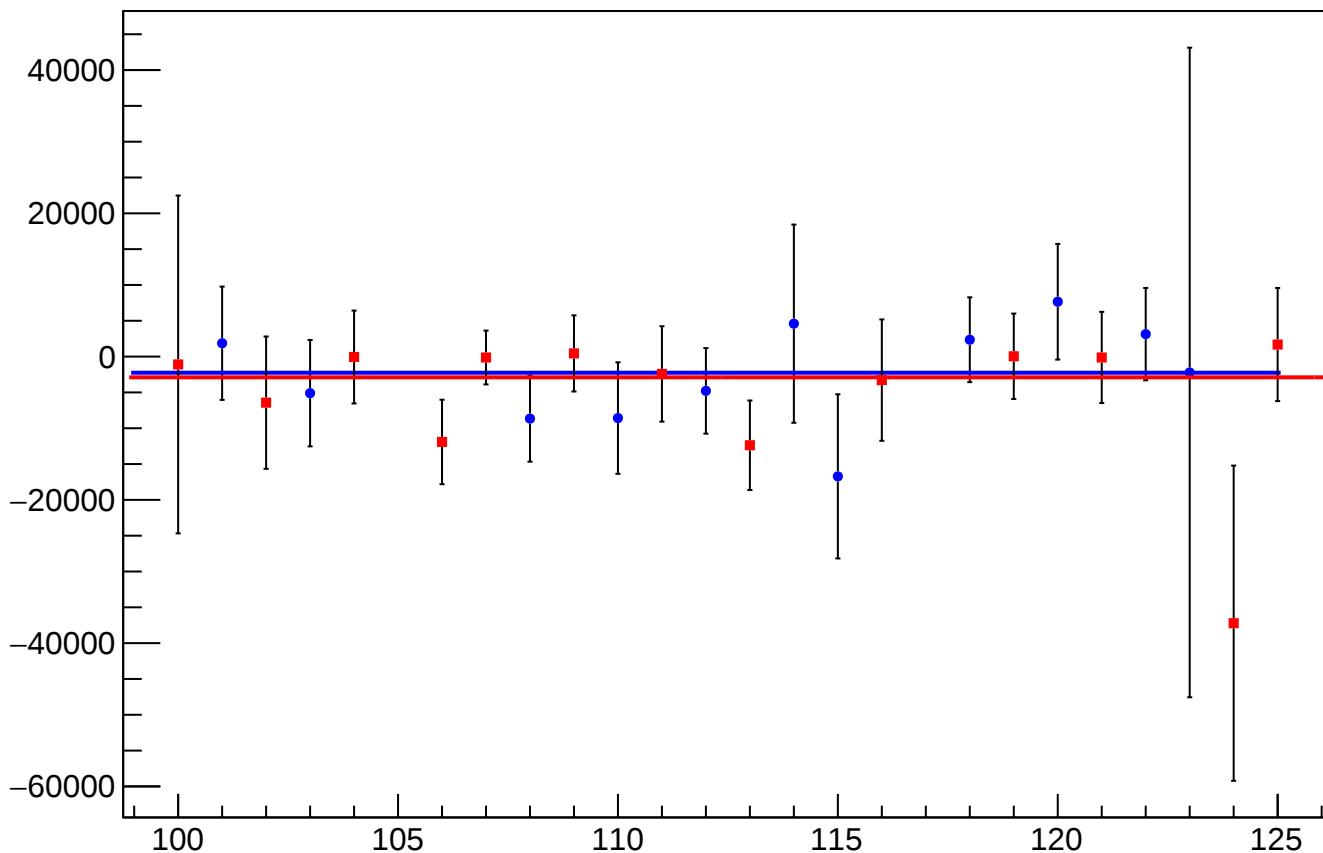
Right: 677.667+/-0.317 χ^2/NDF : 12179768.0/23

In: 3862.148+/-1.426 χ^2/NDF : 265710.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 677.667+/-0.317 χ^2/NDF : 12179768.0/23

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -2250.247+/-2308.998 χ^2/NDF : 7.0/10

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

Right Out: -2894.079+/-1809.862 χ^2/NDF : 9.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

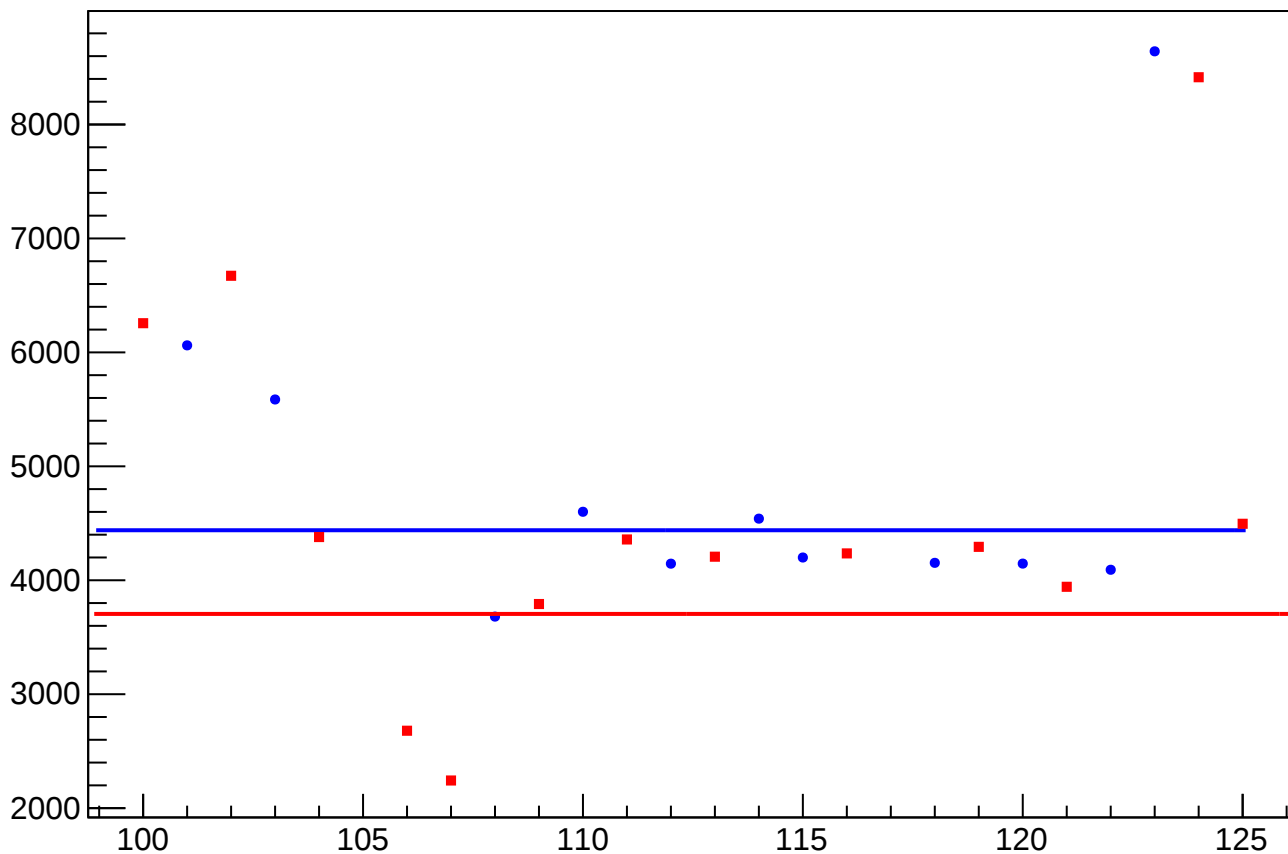
Right: -2649.055+/-1424.431 χ^2/NDF : 16.2/23

In: -2250.247+/-2308.998 χ^2/NDF : 7.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2649.055+/-1424.431 χ^2/NDF : 16.2/23

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 4439.007+/-1.633 χ^2/NDF : 200648.5/10

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

Right Out: 3704.589+/-1.269 χ^2/NDF : 800280.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

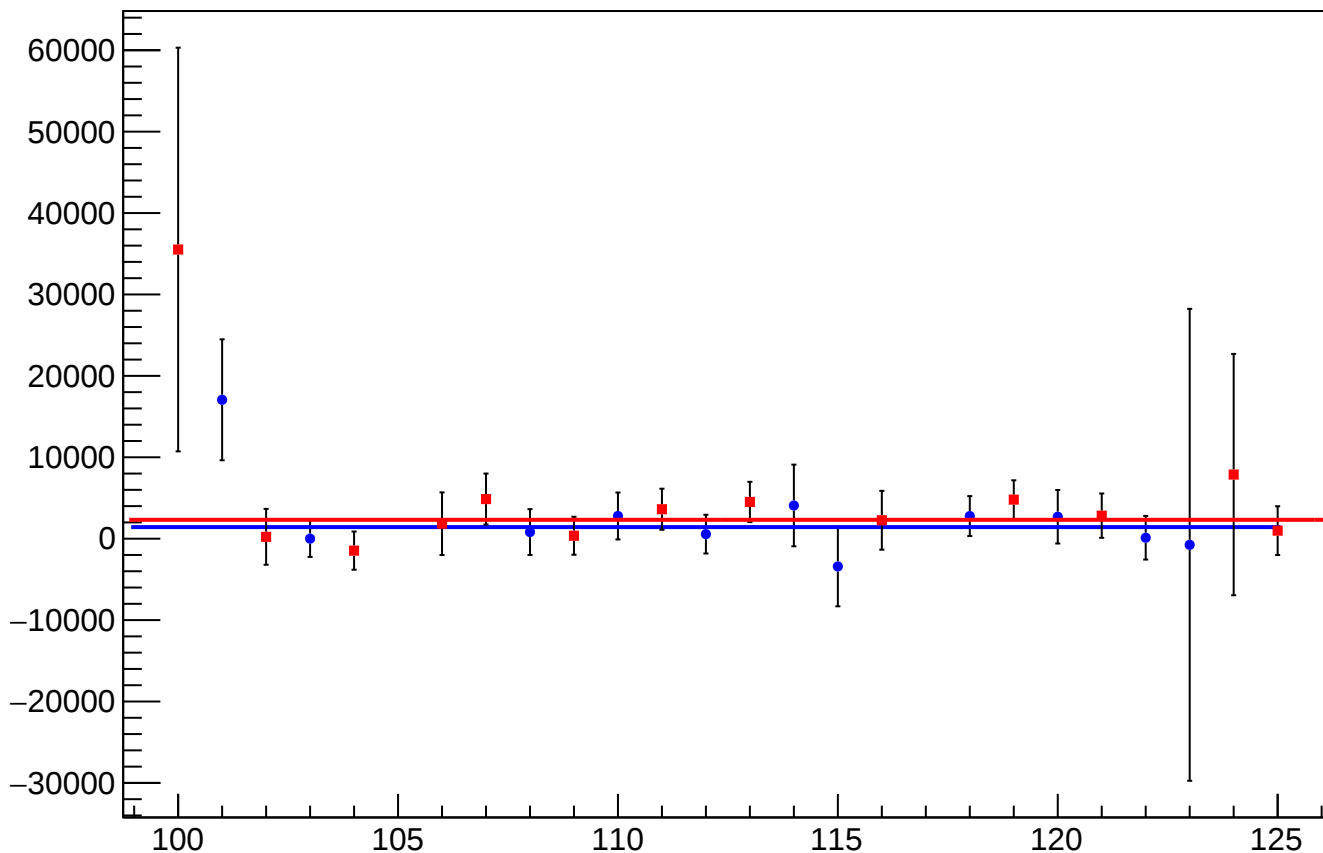
Right: 3981.168+/-1.002 χ^2/NDF : 1127065.0/23

In: 4439.007+/-1.633 χ^2/NDF : 200648.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3981.168+/-1.002 χ^2/NDF : 1127065.0/23

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1422.779+/-944.433 χ^2/NDF : 7.2/10

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

Right Out: 2319.851+/-831.010 χ^2/NDF : 8.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

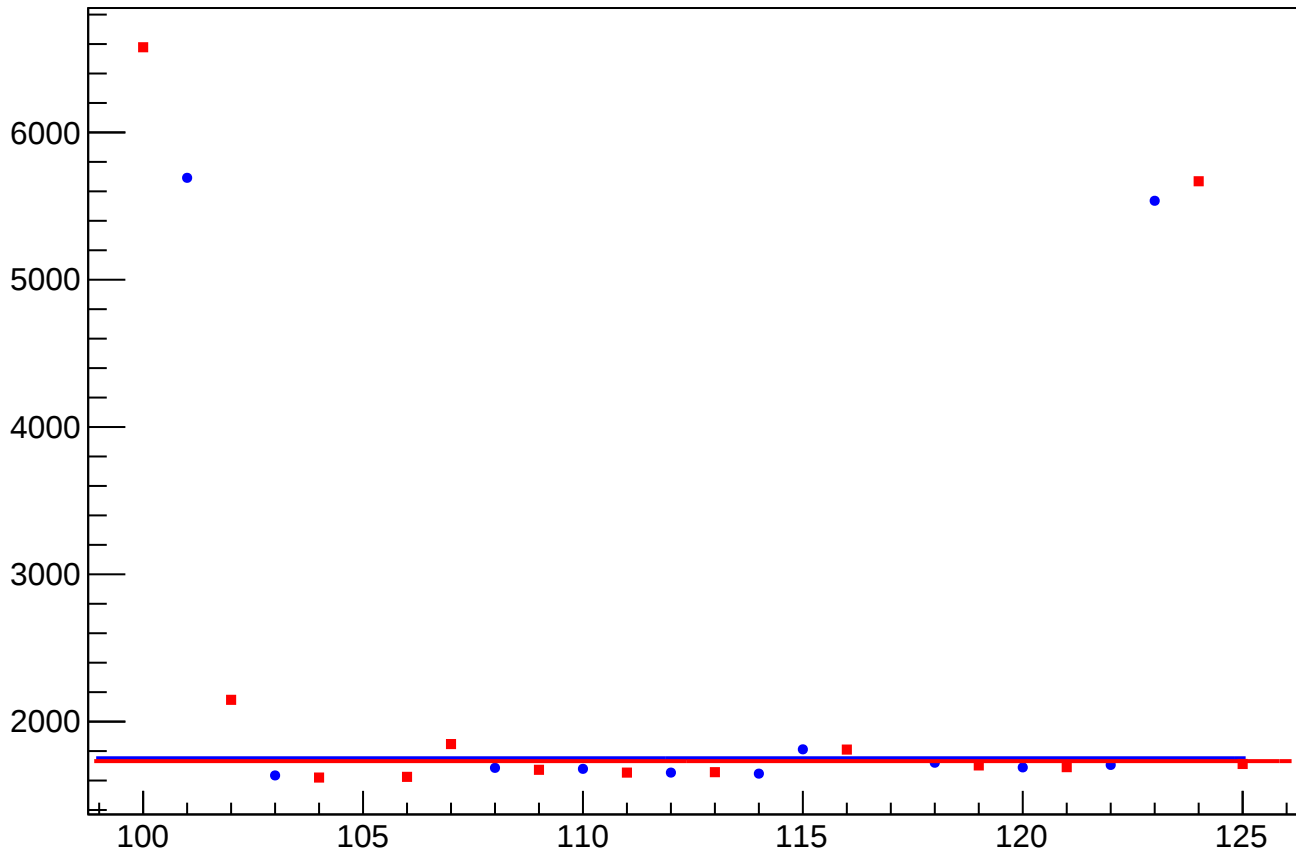
Right: 1928.391+/-623.880 χ^2/NDF : 16.4/23

In: 1422.779+/-944.433 χ^2/NDF : 7.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1928.391+/-623.880 χ^2/NDF : 16.4/23

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1751.197+/-0.668 χ^2/NDF : 610849.8/10

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

Right Out: 1731.784+/-0.582 χ^2/NDF : 263173.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

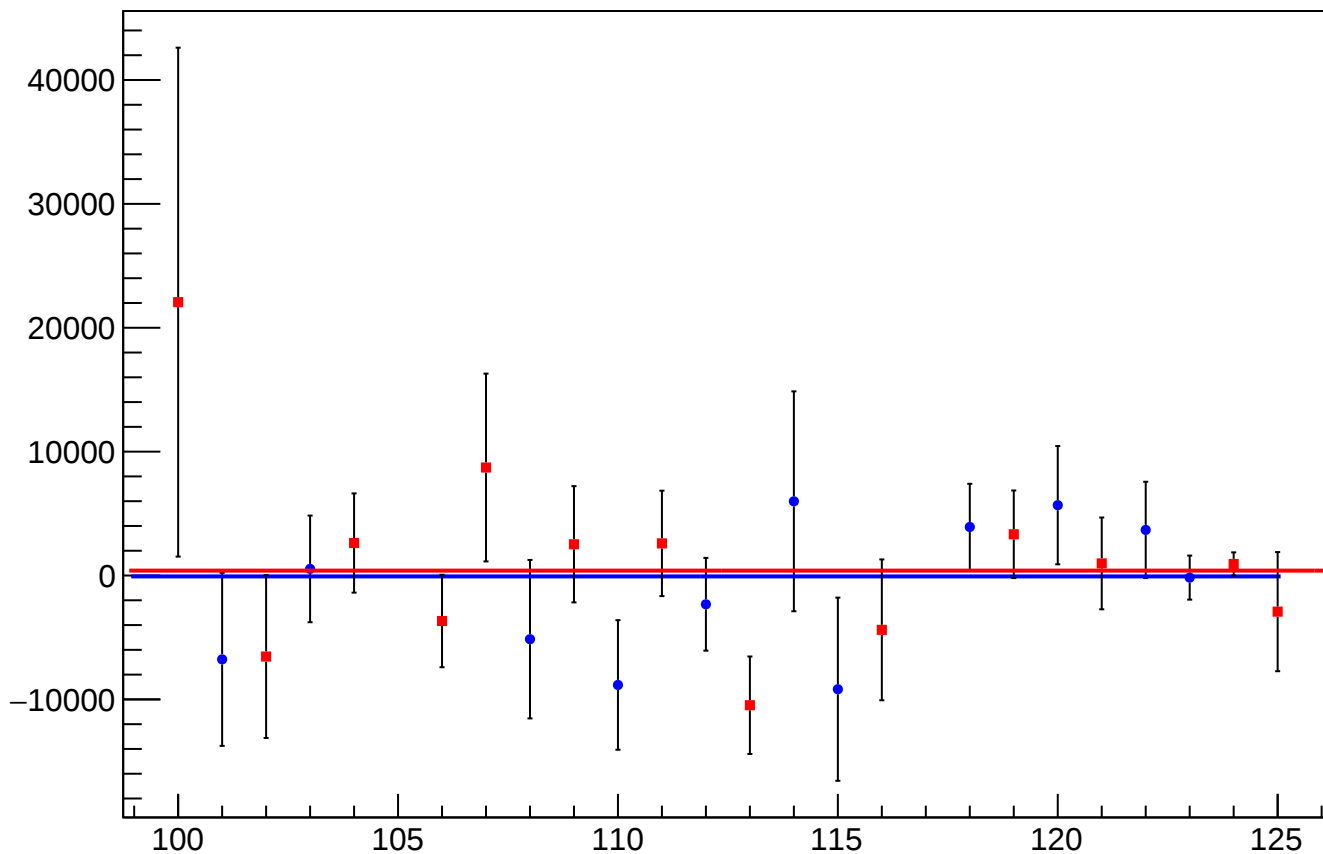
Right: 1740.159+/-0.439 χ^2/NDF : 874504.1/23

In: 1751.197+/-0.668 χ^2/NDF : 610849.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1740.159+/-0.439 χ^2/NDF : 874504.1/23

asym_atr1l2_avg_correction_mean vs Slug, Sign Corrected



Right In: -72.105 ± 1157.510 $\chi^2/\text{NDF}: 10.4/10$

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

Right Out: 395.598 ± 764.083 $\chi^2/\text{NDF}: 15.3/12$

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

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

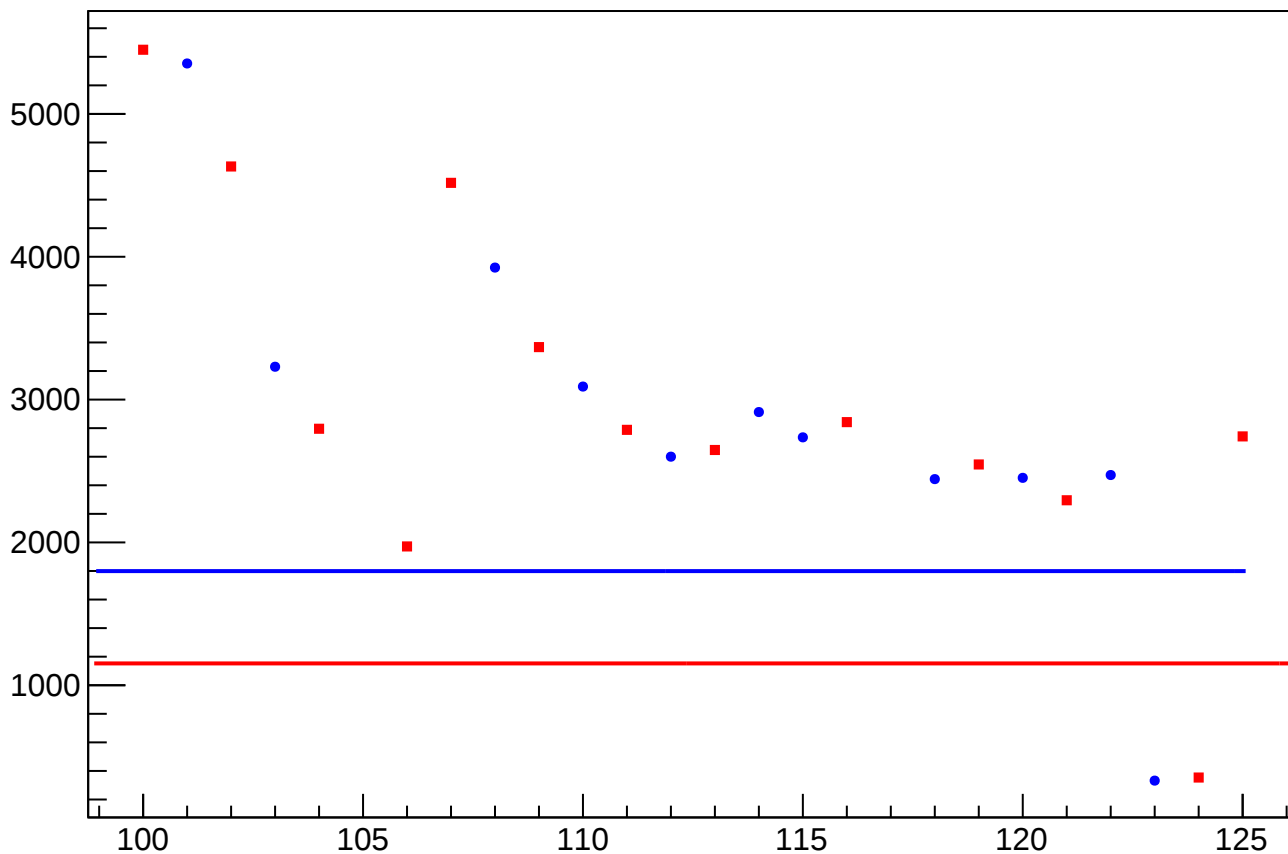
Right: 253.651 ± 637.679 $\chi^2/\text{NDF}: 25.8/23$

In: -72.105 ± 1157.510 $\chi^2/\text{NDF}: 10.4/10$

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

All: 253.651 ± 637.679 $\chi^2/\text{NDF}: 25.8/23$

asym_atr1l2_avg_correction_rms vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 1348.988+/-0.451 χ^2 /NDF: 8057568.8/23

Right In: 1799.178+/-0.818 χ^2 /NDF: 2763272.7/10

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

Right Out: 1152.820+/-0.540 χ^2 /NDF: 4859935.7/12

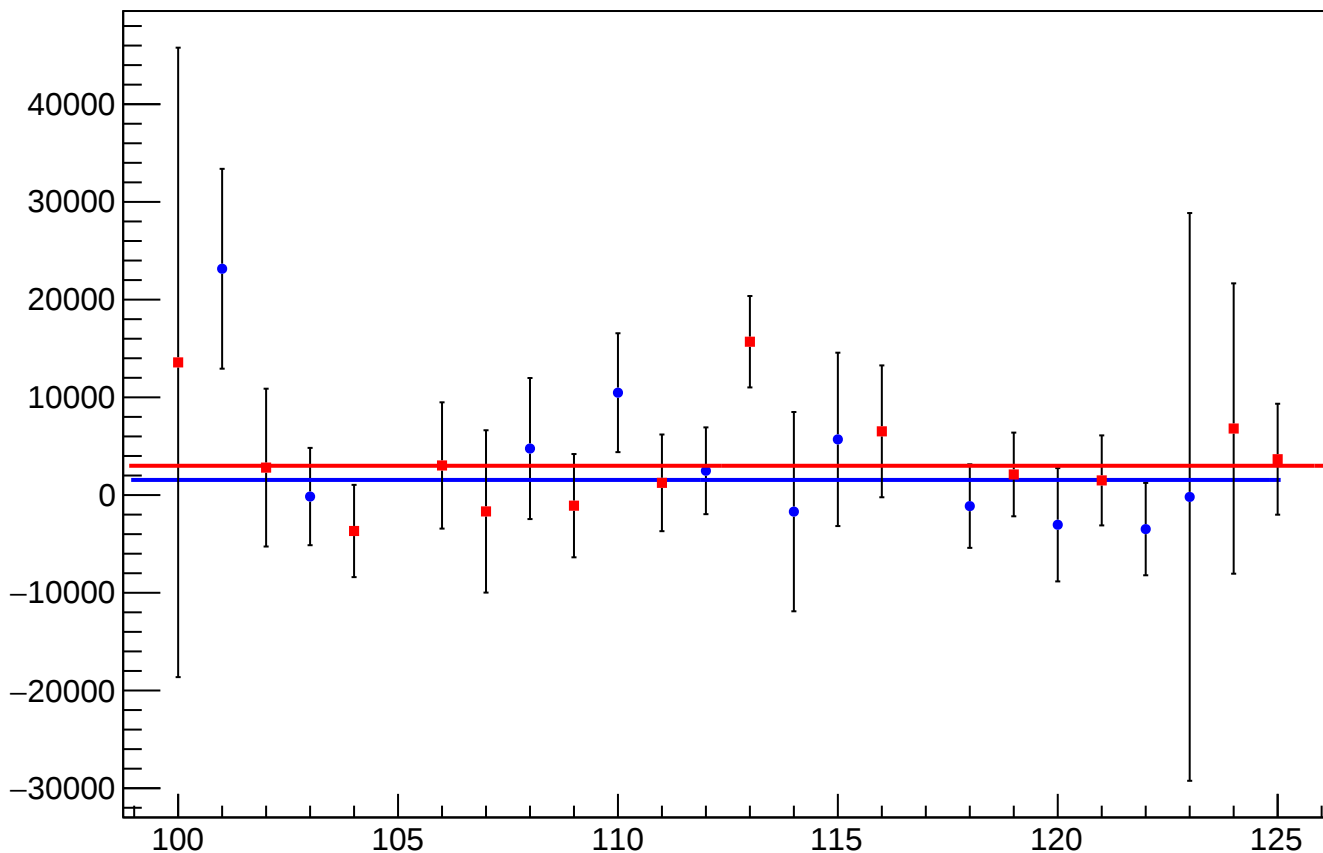
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 1799.178+/-0.818 χ^2 /NDF: 2763272.7/10

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1348.988+/-0.451 χ^2 /NDF: 8057568.8/23

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1548.070+/-1827.028 χ^2/NDF : 9.5/10

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

Right Out: 2997.936+/-1619.628 χ^2/NDF : 11.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

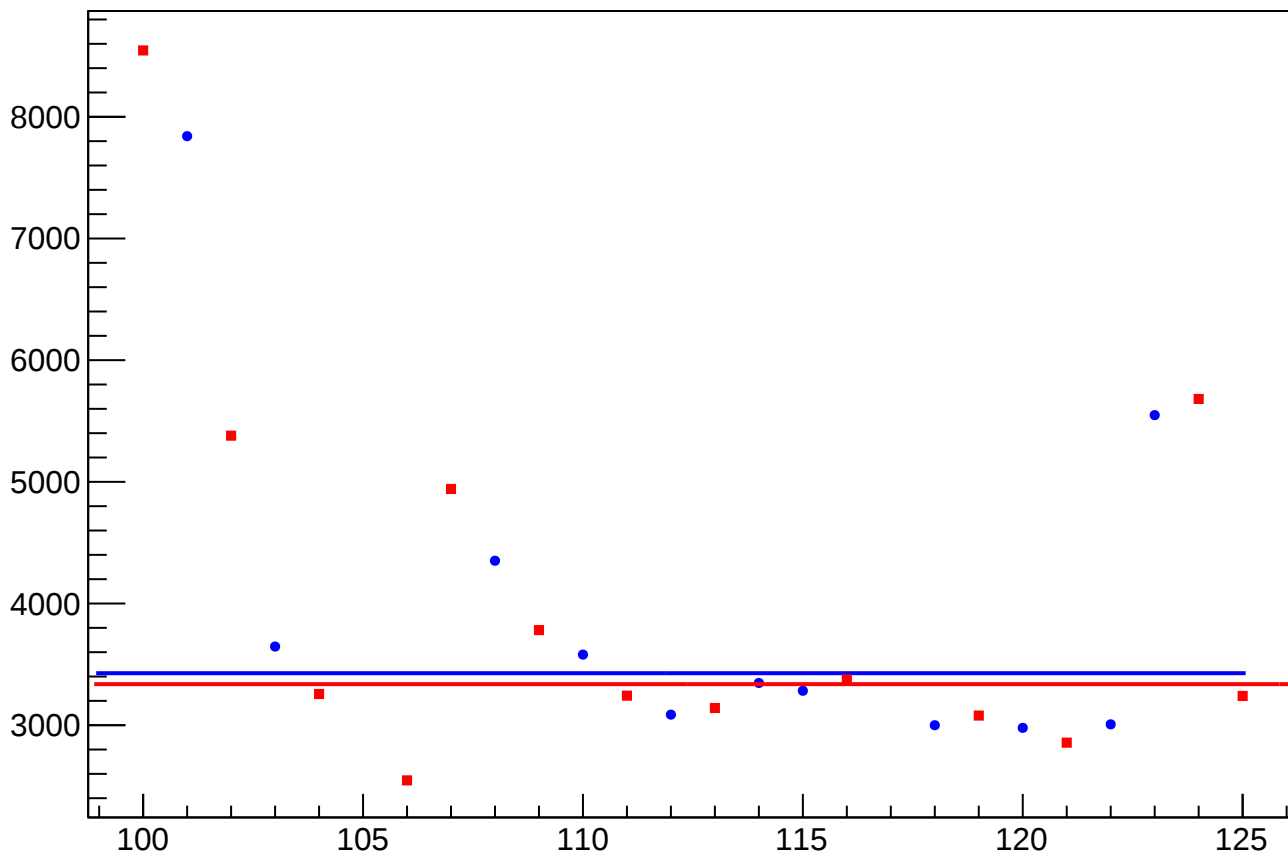
Right: 2359.933+/-1211.972 χ^2/NDF : 20.8/23

In: 1548.070+/-1827.028 χ^2/NDF : 9.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2359.933+/-1211.972 χ^2/NDF : 20.8/23

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 3427.289+/-1.292 χ^2/NDF : 481475.4/10

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

Right Out: 3337.372+/-1.123 χ^2/NDF : 401899.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

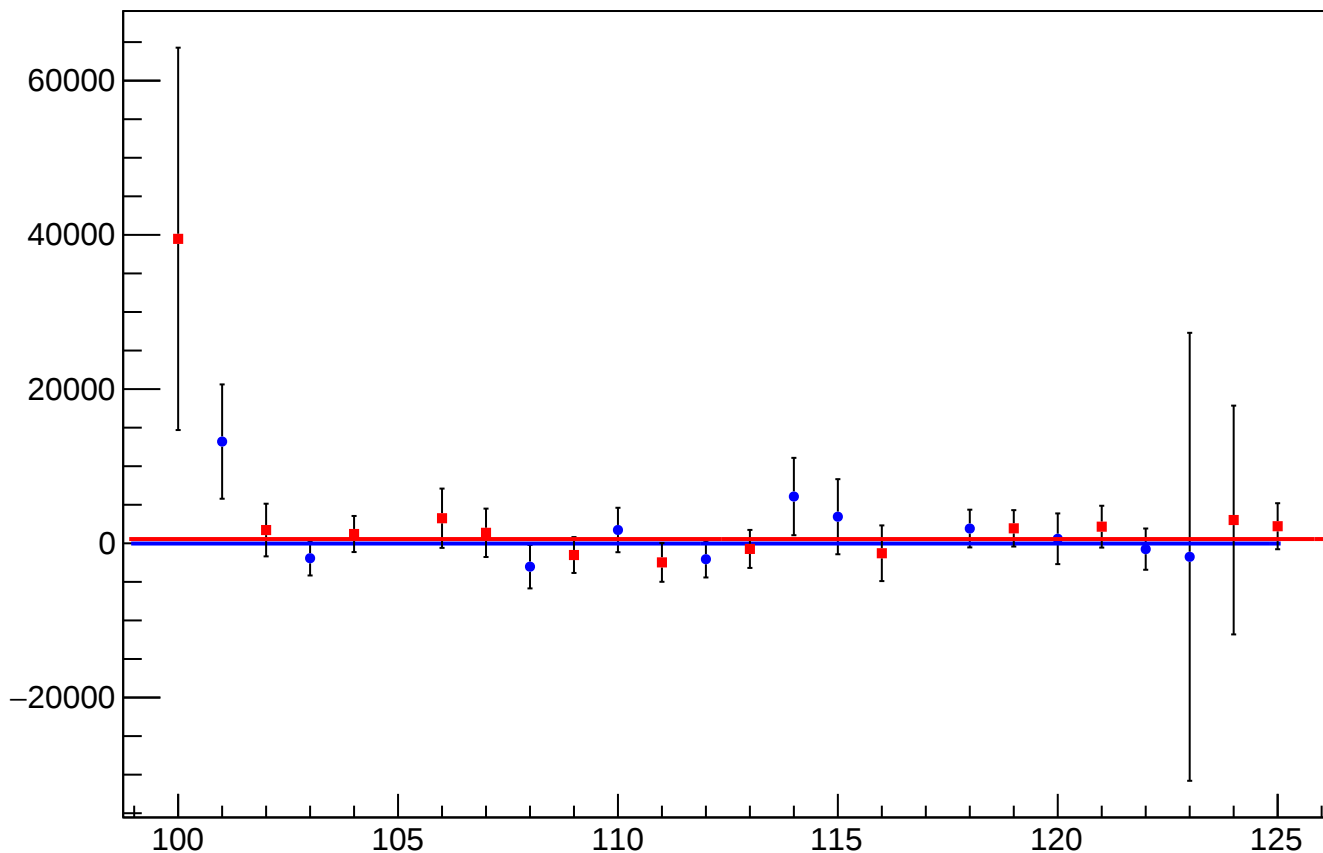
Right: 3376.091+/-0.848 χ^2/NDF : 886133.6/23

In: 3427.289+/-1.292 χ^2/NDF : 481475.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3376.091+/-0.848 χ^2/NDF : 886133.6/23

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -26.772 ± 942.992 $\chi^2/\text{NDF}: 8.9/10$

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

Right Out: 554.113 ± 828.818 $\chi^2/\text{NDF}: 7.0/12$

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

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

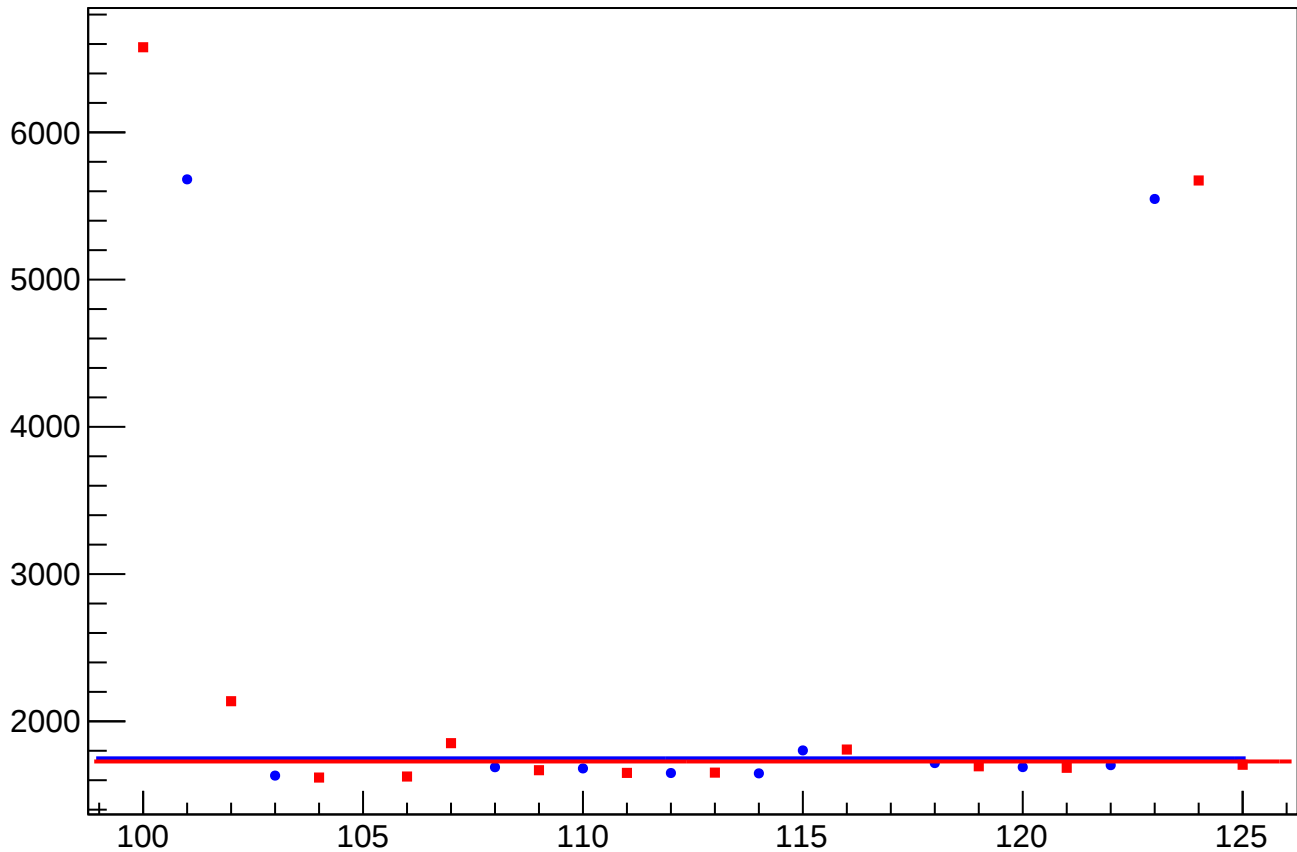
Right: 300.948 ± 622.537 $\chi^2/\text{NDF}: 16.1/23$

In: -26.772 ± 942.992 $\chi^2/\text{NDF}: 8.9/10$

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

All: 300.948 ± 622.537 $\chi^2/\text{NDF}: 16.1/23$

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1748.521+/-0.667 χ^2/NDF : 610594.5/10

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

Right Out: 1727.306+/-0.580 χ^2/NDF : 263424.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

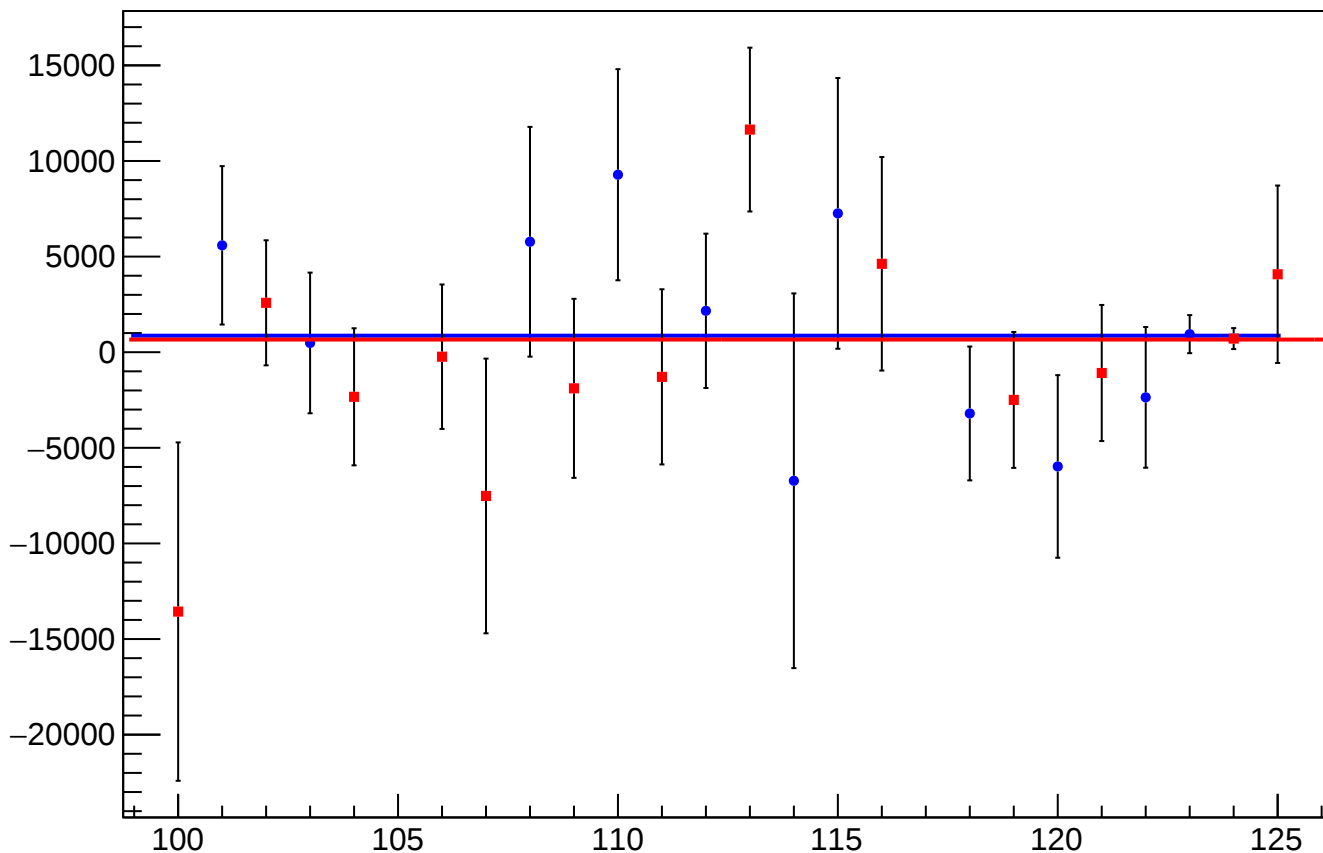
Right: 1736.447+/-0.438 χ^2/NDF : 874595.1/23

In: 1748.521+/-0.667 χ^2/NDF : 610594.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1736.447+/-0.438 χ^2/NDF : 874595.1/23

asym_atr1l2_dd_correction_mean vs Slug, Sign Corrected



Right In: 863.553+/-818.312 χ^2/NDF : 10.0/10

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

Right Out: 661.215+/-500.856 χ^2/NDF : 14.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

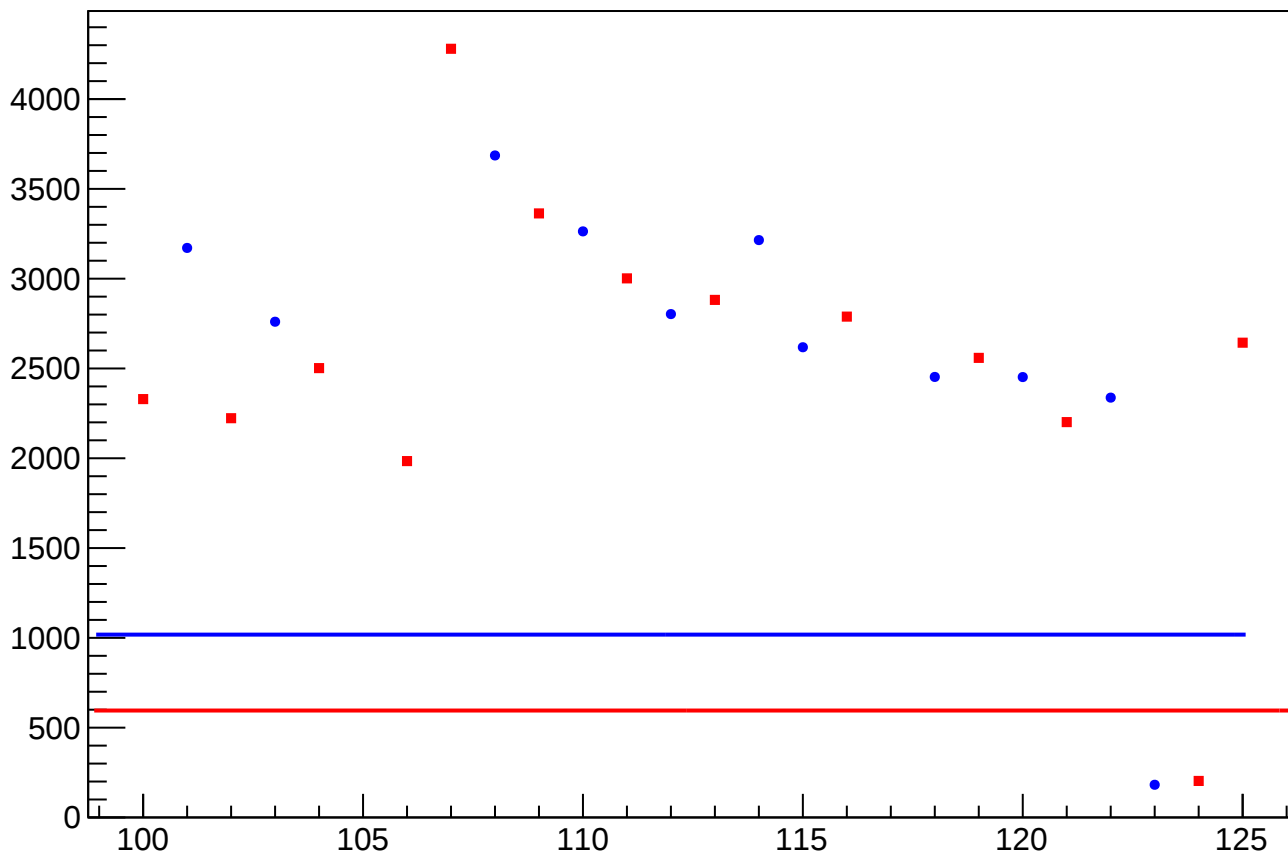
Right: 716.357+/-427.191 χ^2/NDF : 24.2/23

In: 863.553+/-818.312 χ^2/NDF :10.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 716.357+/-427.191 χ^2/NDF : 24.2/23

asym_atr1l2_dd_correction_rms vs Slug, Sign Corrected



Right In: 1018.046+/-0.579 χ^2/NDF : 4493565.1/10

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

Right Out: 595.401+/-0.354 χ^2/NDF : 6495618.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

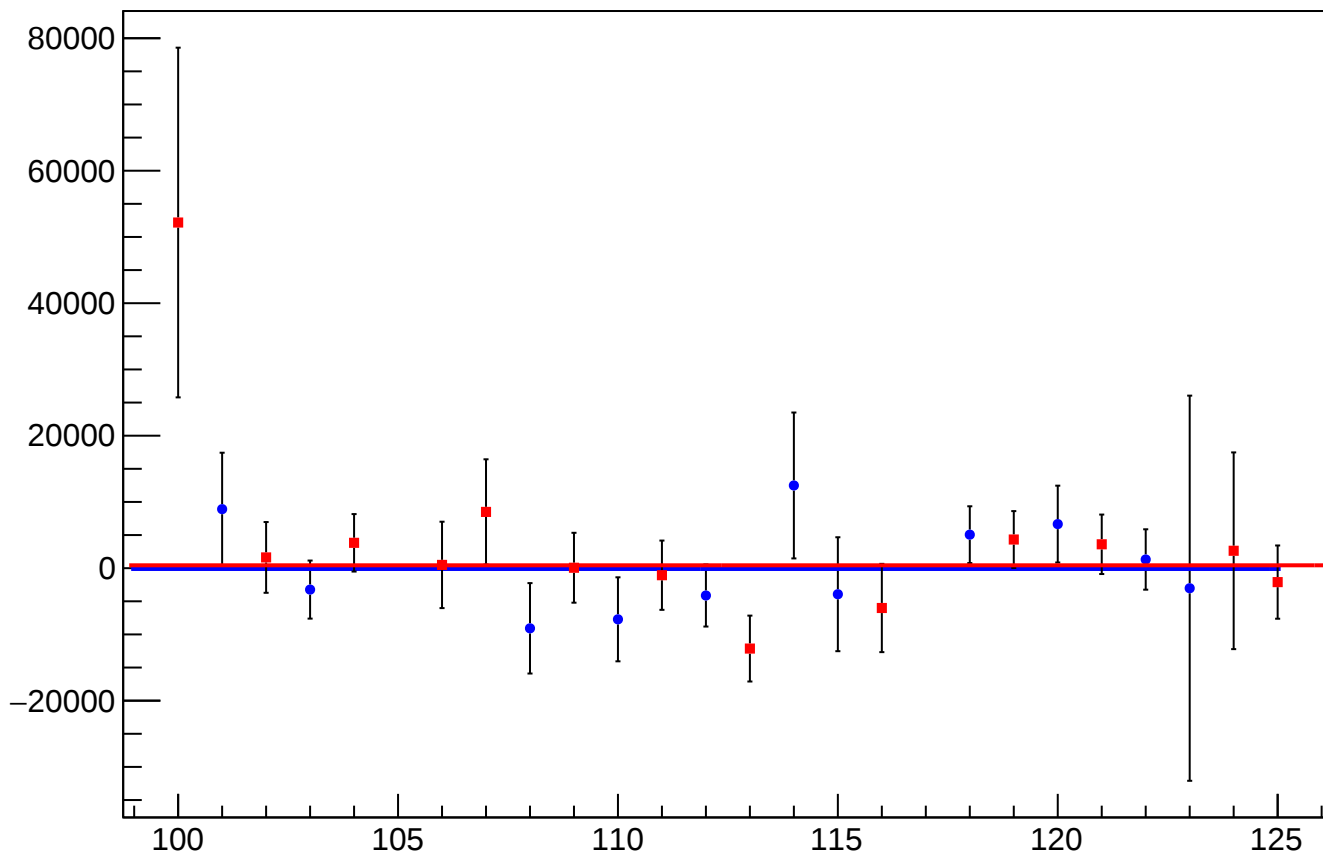
Right: 710.582+/-0.302 χ^2/NDF : 11377298.7/23

In: 1018.046+/-0.579 χ^2/NDF :4493565.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 710.582+/-0.302 χ^2/NDF : 11377298.7/23

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -119.631+/-1787.397 χ^2/NDF : 10.0/10

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

Right Out: 434.465+/-1569.931 χ^2/NDF : 14.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

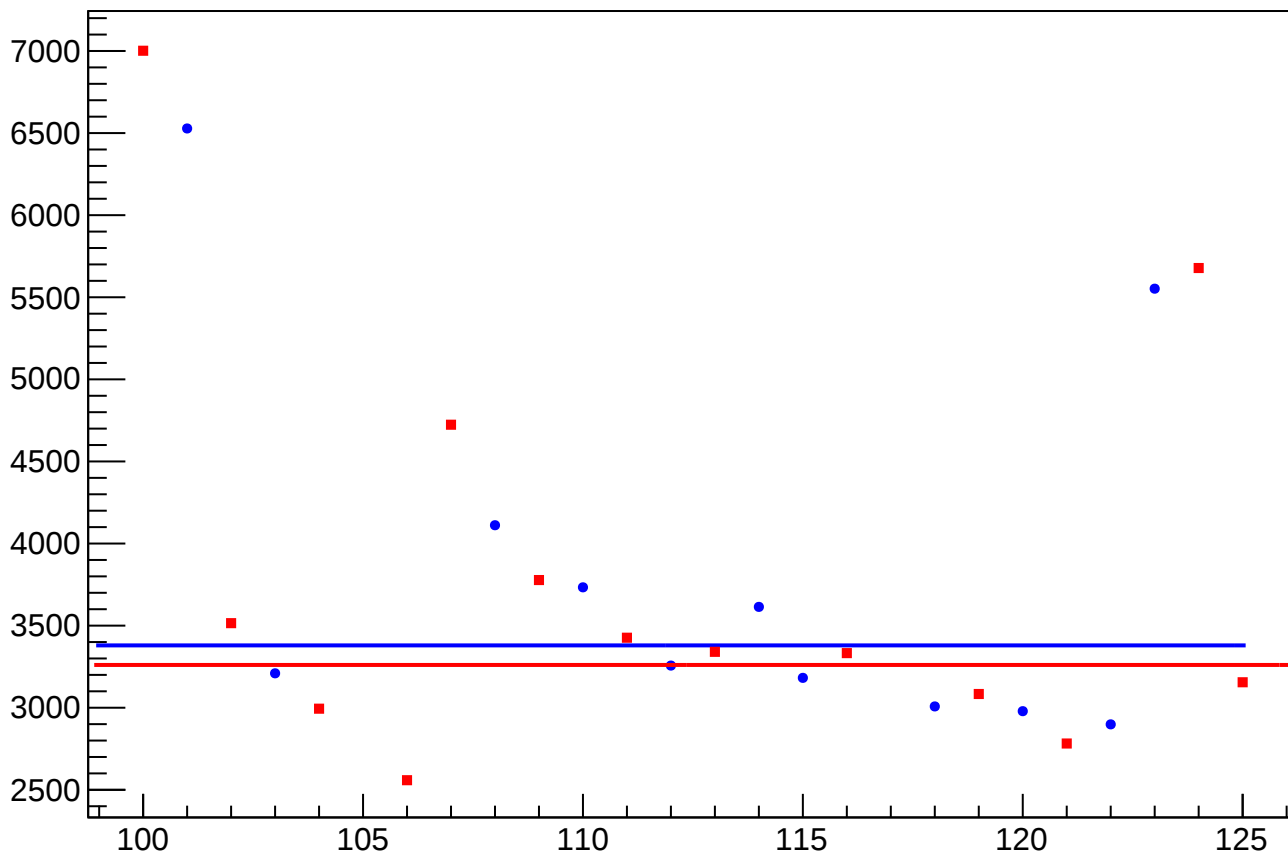
Right: 193.158+/-1179.543 χ^2/NDF : 24.5/23

In: -119.631+/-1787.397 χ^2/NDF : 10.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 193.158+/-1179.543 χ^2/NDF : 24.5/23

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3379.641+/-1.264 χ^2/NDF : 366971.1/10

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

Right Out: 3260.510+/-1.090 χ^2/NDF : 259863.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

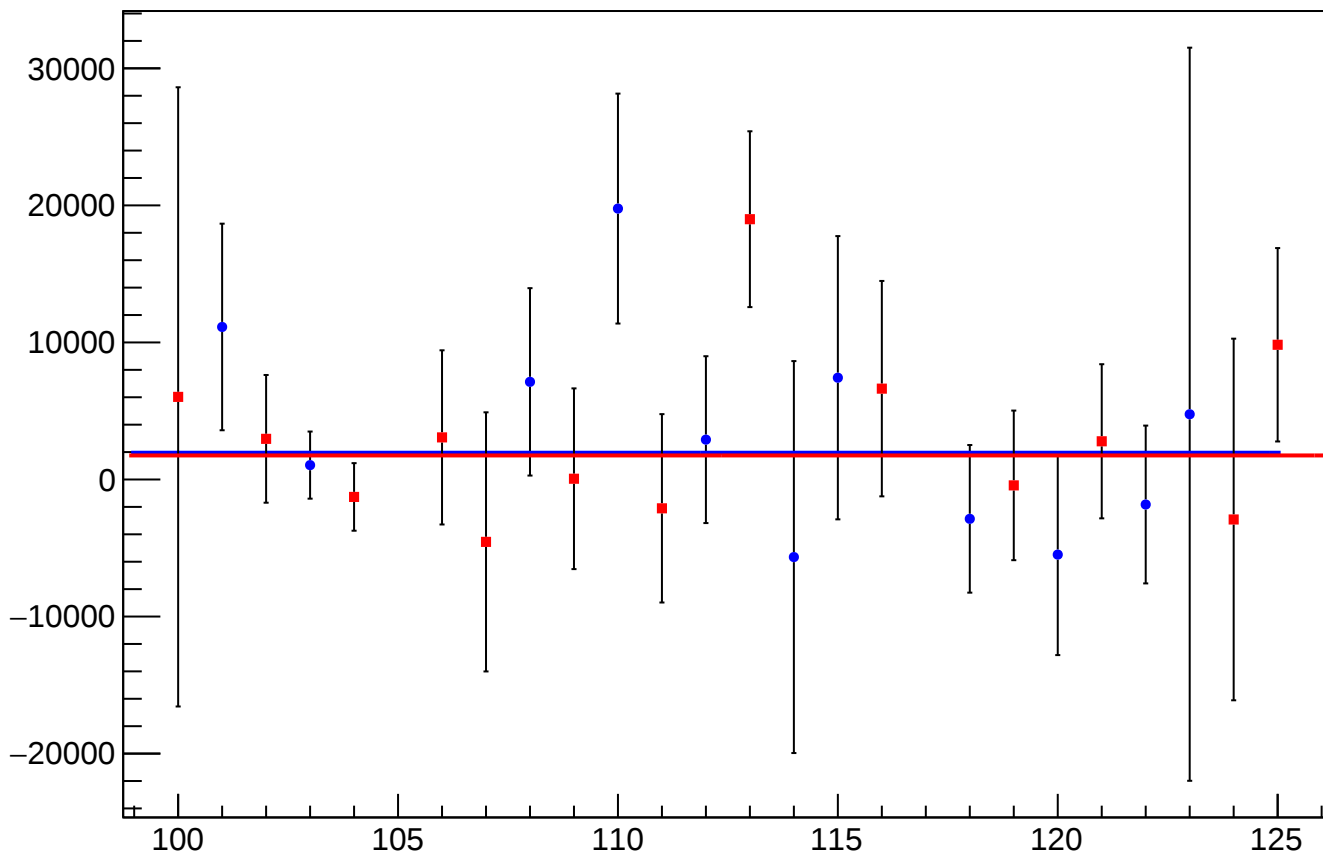
Right: 3311.336+/-0.826 χ^2/NDF : 631928.5/23

In: 3379.641+/-1.264 χ^2/NDF : 366971.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3311.336+/-0.826 χ^2/NDF : 631928.5/23

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 1952.505+/-1700.384 χ^2/NDF : 9.6/10

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

Right Out: 1754.660+/-1535.377 χ^2/NDF : 11.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

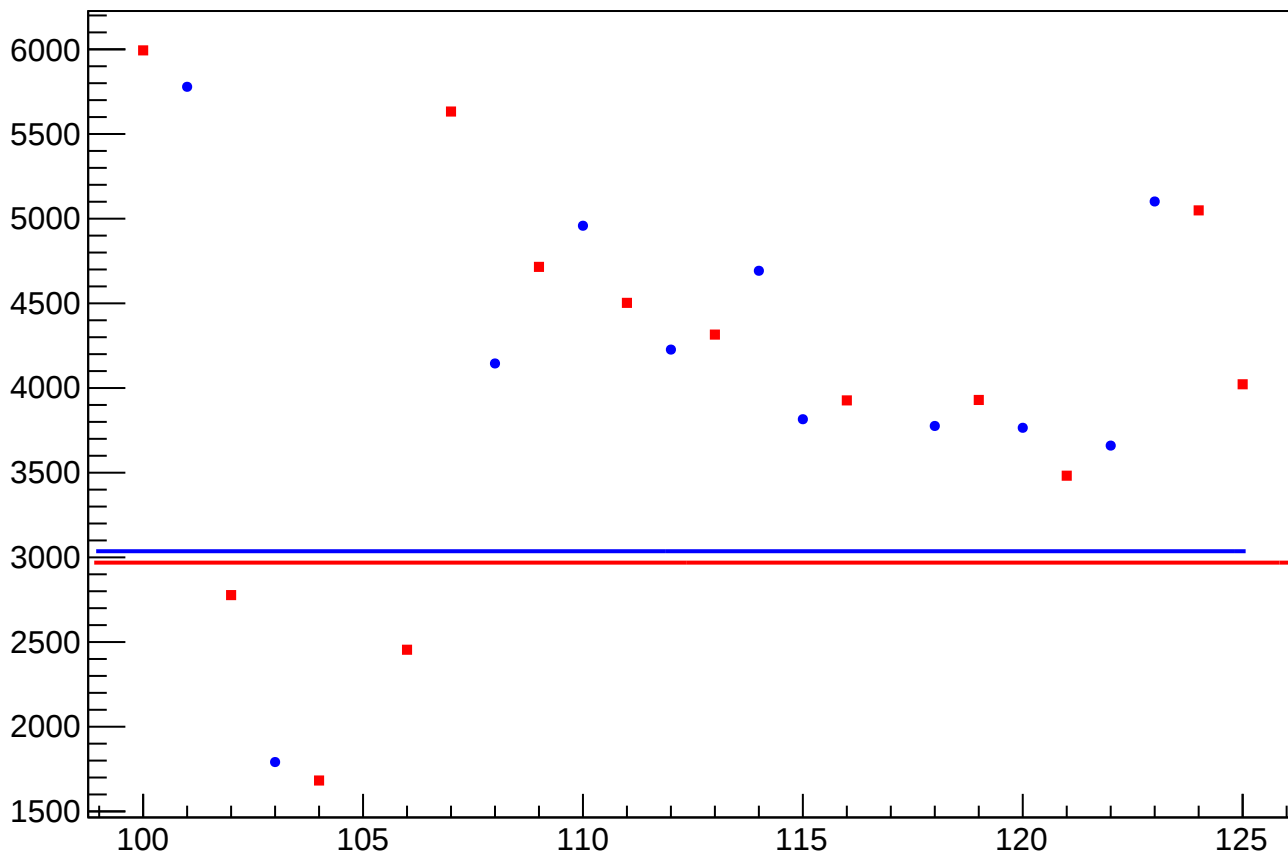
Right: 1843.519+/-1139.559 χ^2/NDF : 21.3/23

In: 1952.505+/-1700.384 χ^2/NDF :9.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1843.519+/-1139.559 χ^2/NDF : 21.3/23

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3036.291+/-1.202 χ^2/NDF : 1147002.9/10

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

Right Out: 2968.944+/-1.073 χ^2/NDF : 1291638.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

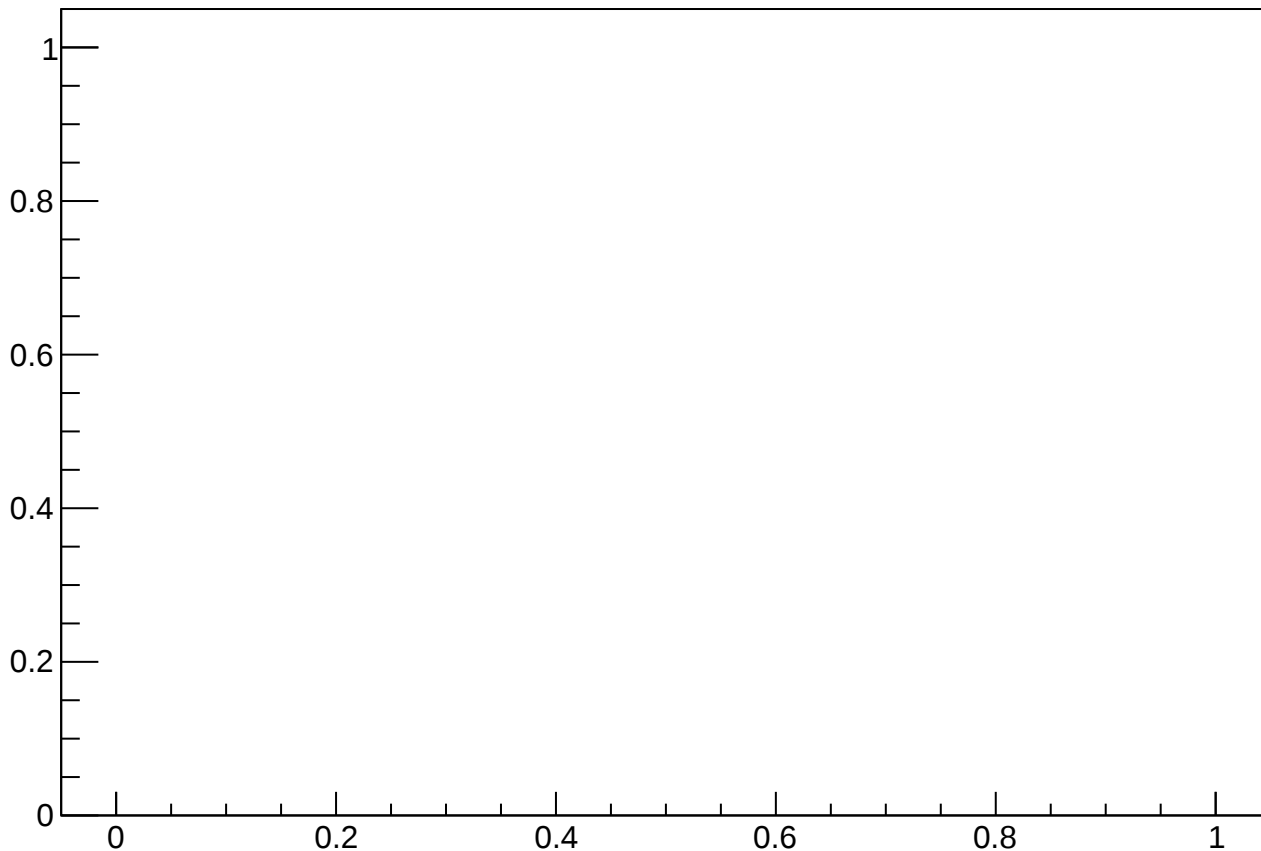
Right: 2998.817+/-0.801 χ^2/NDF : 2440387.6/23

In: 3036.291+/-1.202 χ^2/NDF : 1147002.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2998.817+/-0.801 χ^2/NDF : 2440387.6/23

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

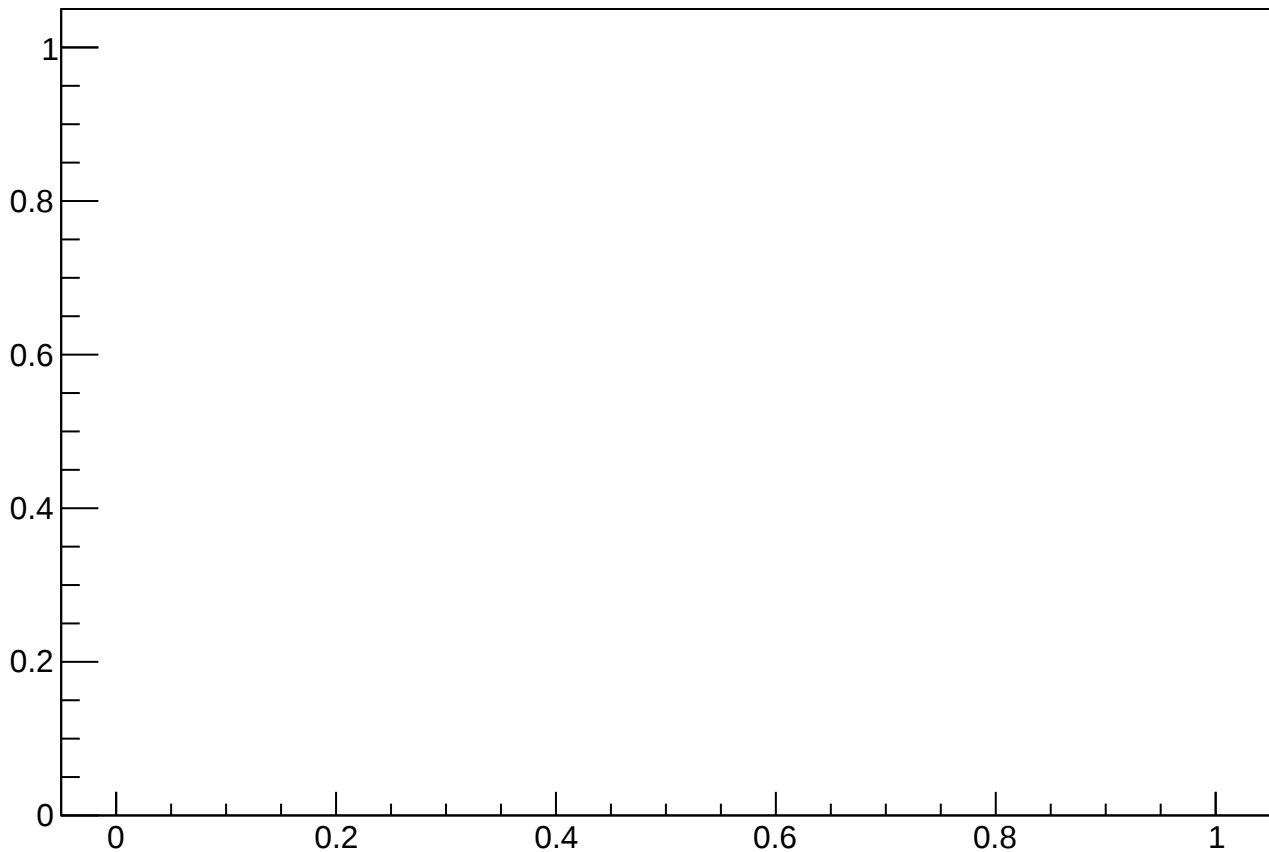
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

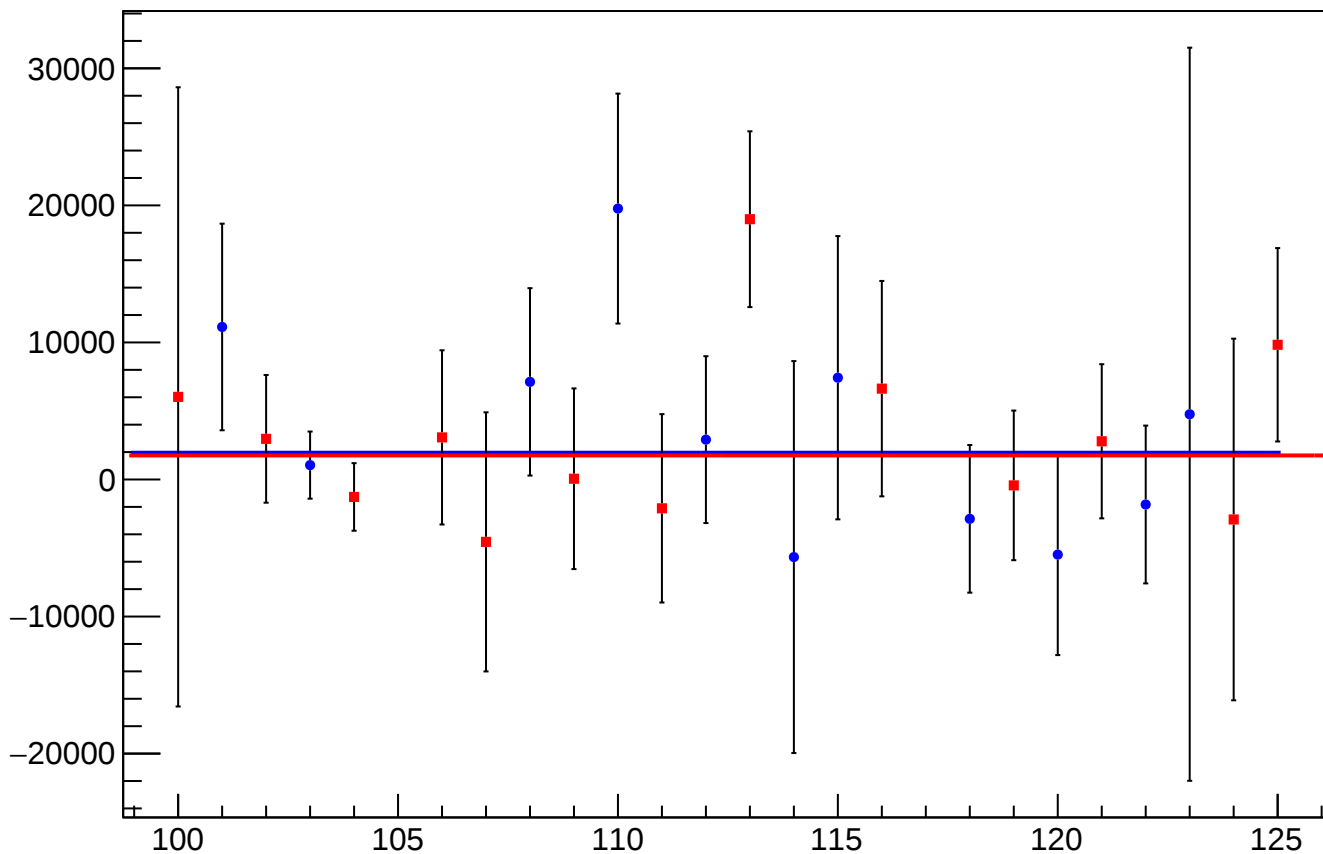
asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



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

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

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 1952.505+/-1700.384 χ^2/NDF : 9.6/10

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

Right Out: 1754.660+/-1535.377 χ^2/NDF : 11.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

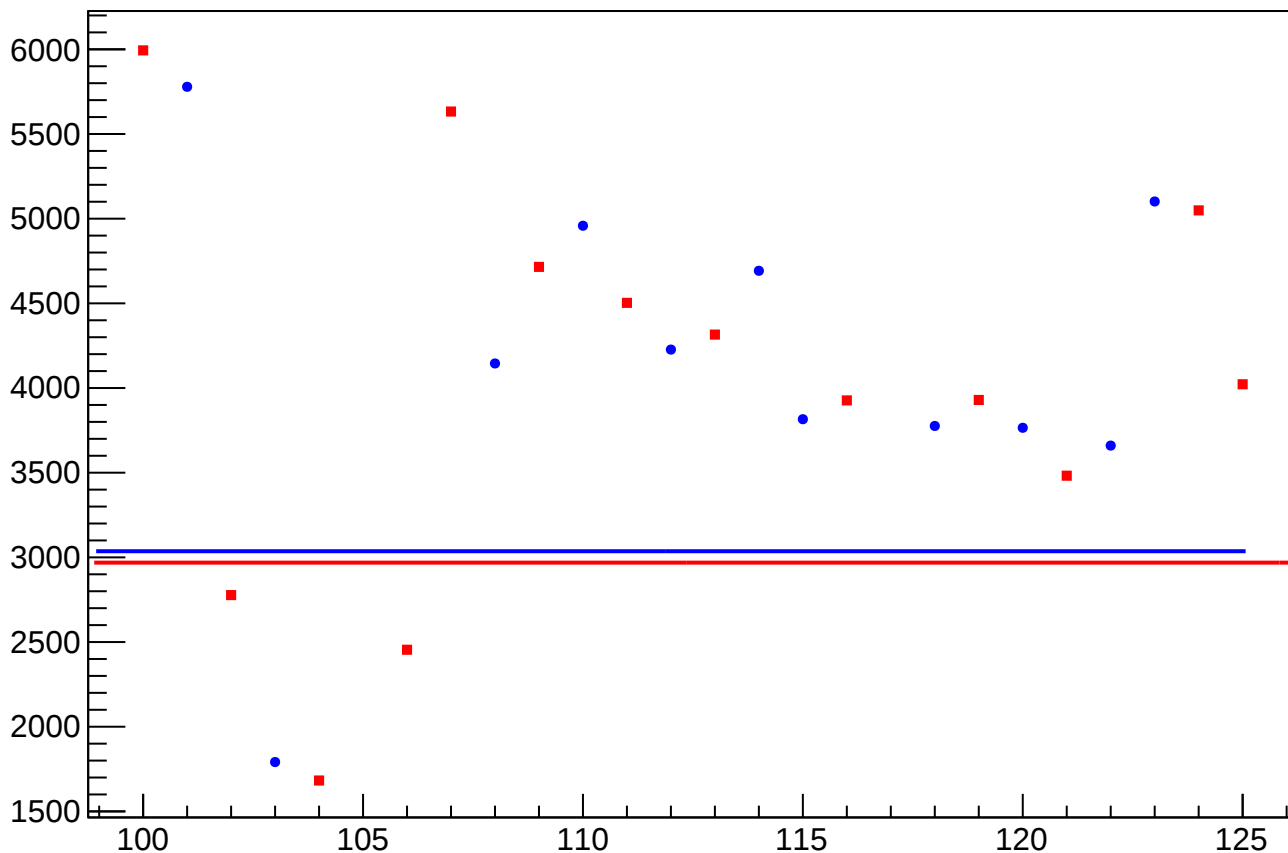
Right: 1843.519+/-1139.559 χ^2/NDF : 21.3/23

In: 1952.505+/-1700.384 χ^2/NDF :9.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1843.519+/-1139.559 χ^2/NDF : 21.3/23

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3036.291+/-1.202 χ^2/NDF : 1147002.9/10

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

Right Out: 2968.944+/-1.073 χ^2/NDF : 1291638.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

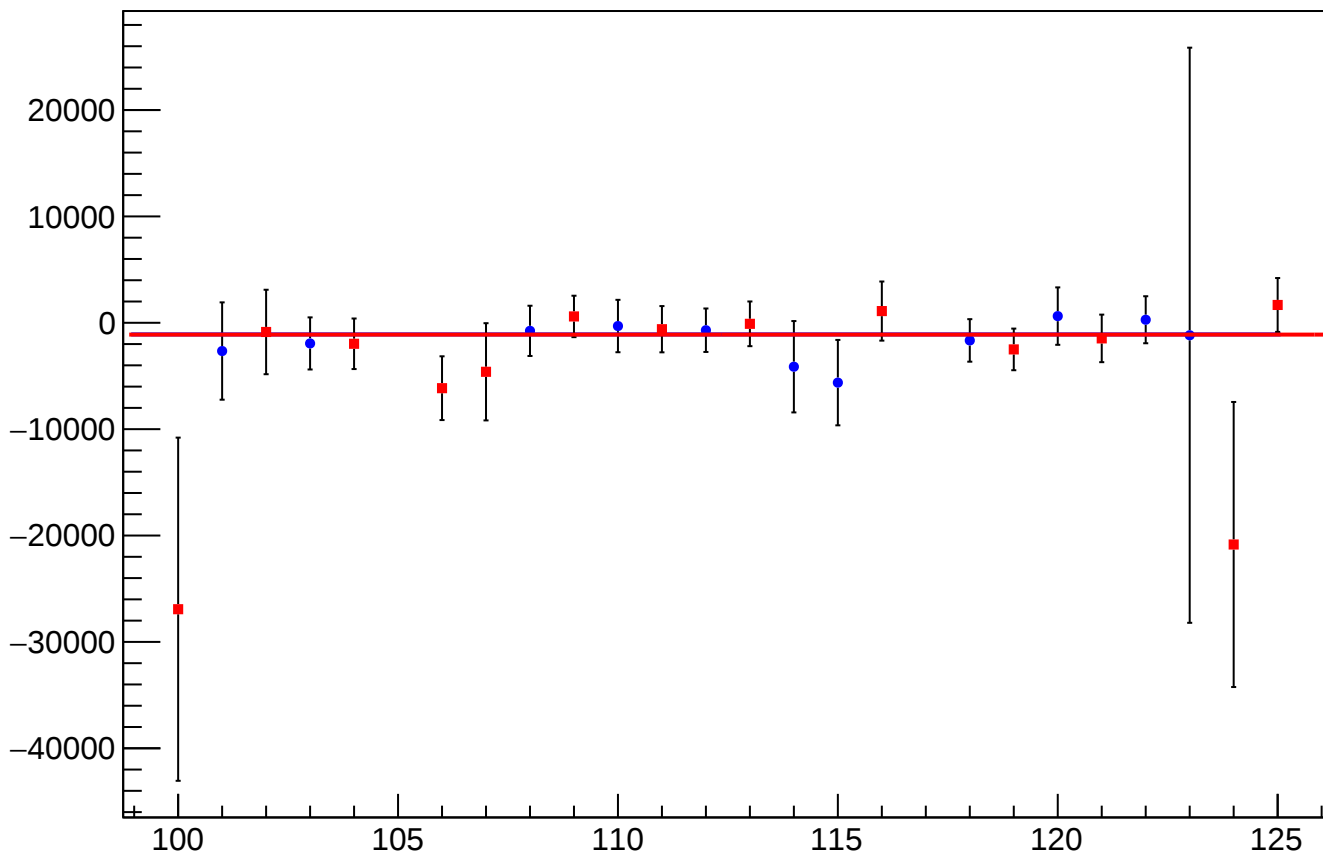
Right: 2998.817+/-0.801 χ^2/NDF : 2440387.6/23

In: 3036.291+/-1.202 χ^2/NDF : 1147002.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2998.817+/-0.801 χ^2/NDF : 2440387.6/23

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1093.149 $\pm$ 814.265 χ^2 /NDF: 3.0/10

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

Right Out: -1110.932 $\pm$ 733.623 χ^2 /NDF: 11.7/12

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

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

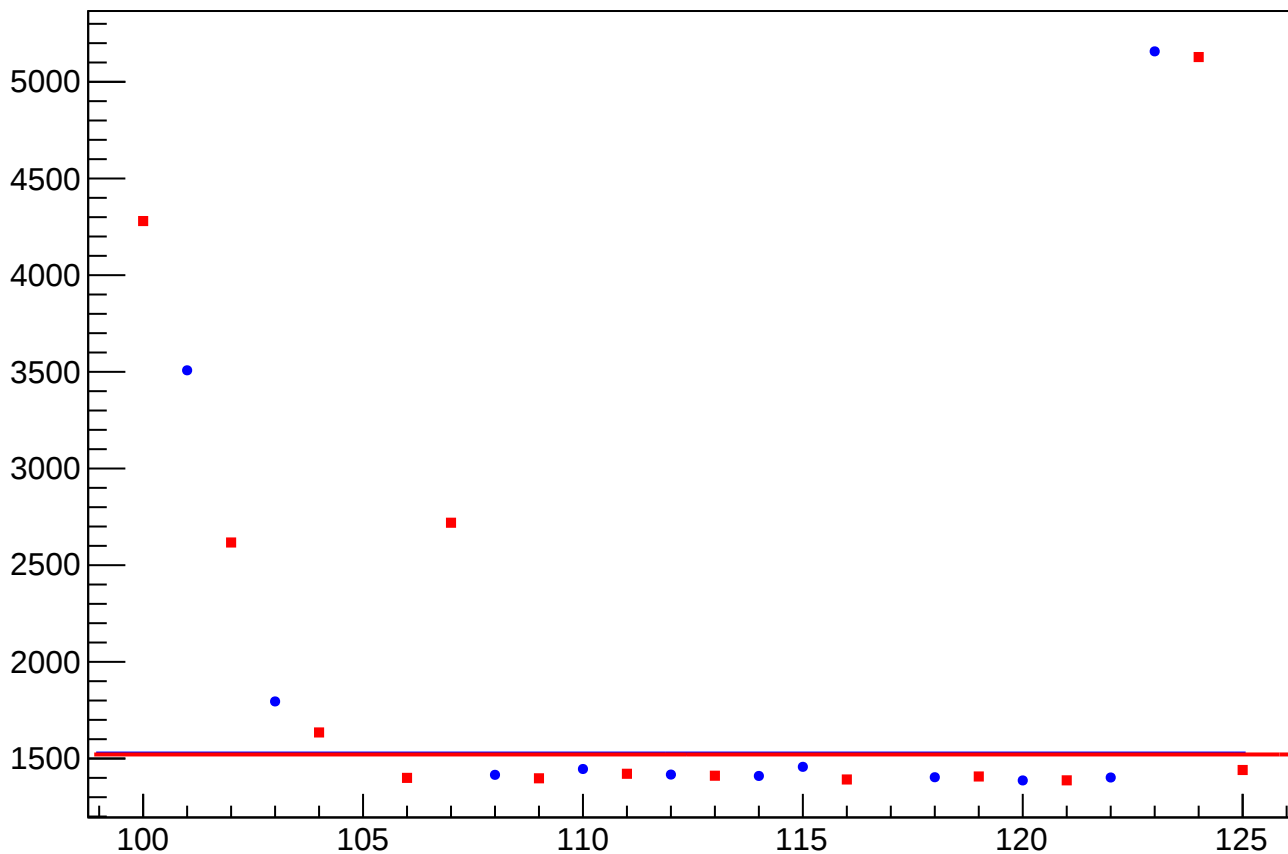
Right: -1102.964 $\pm$ 545.036 χ^2 /NDF: 14.8/23

In: -1093.149 $\pm$ 814.265 χ^2 /NDF:3.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1102.964 $\pm$ 545.036 χ^2 /NDF: 14.8/23

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1525.792+/-0.576 χ^2/NDF : 469025.9/10

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

Right Out: 1521.008+/-0.519 χ^2/NDF : 539434.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

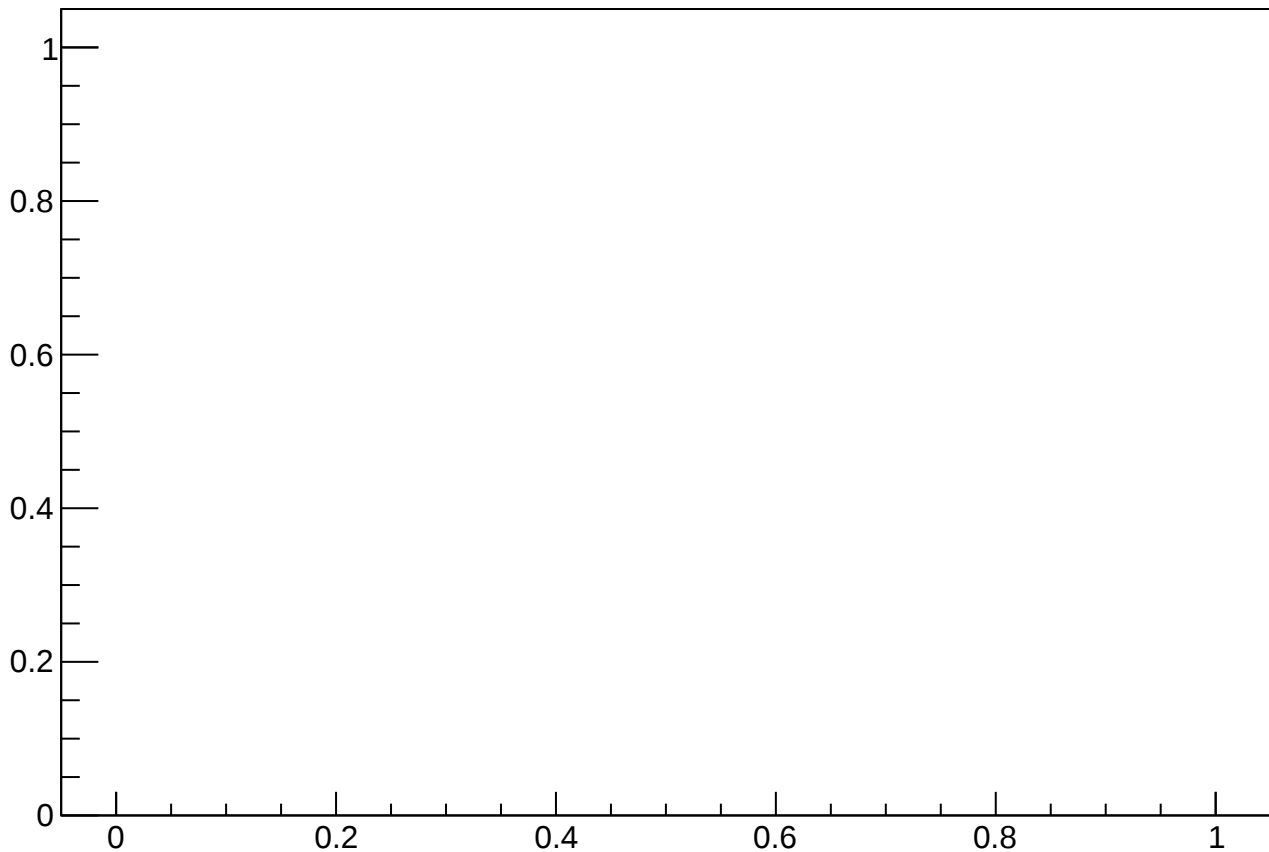
Right: 1523.151+/-0.385 χ^2/NDF : 1008498.8/23

In: 1525.792+/-0.576 χ^2/NDF : 469025.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1523.151+/-0.385 χ^2/NDF : 1008498.8/23

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

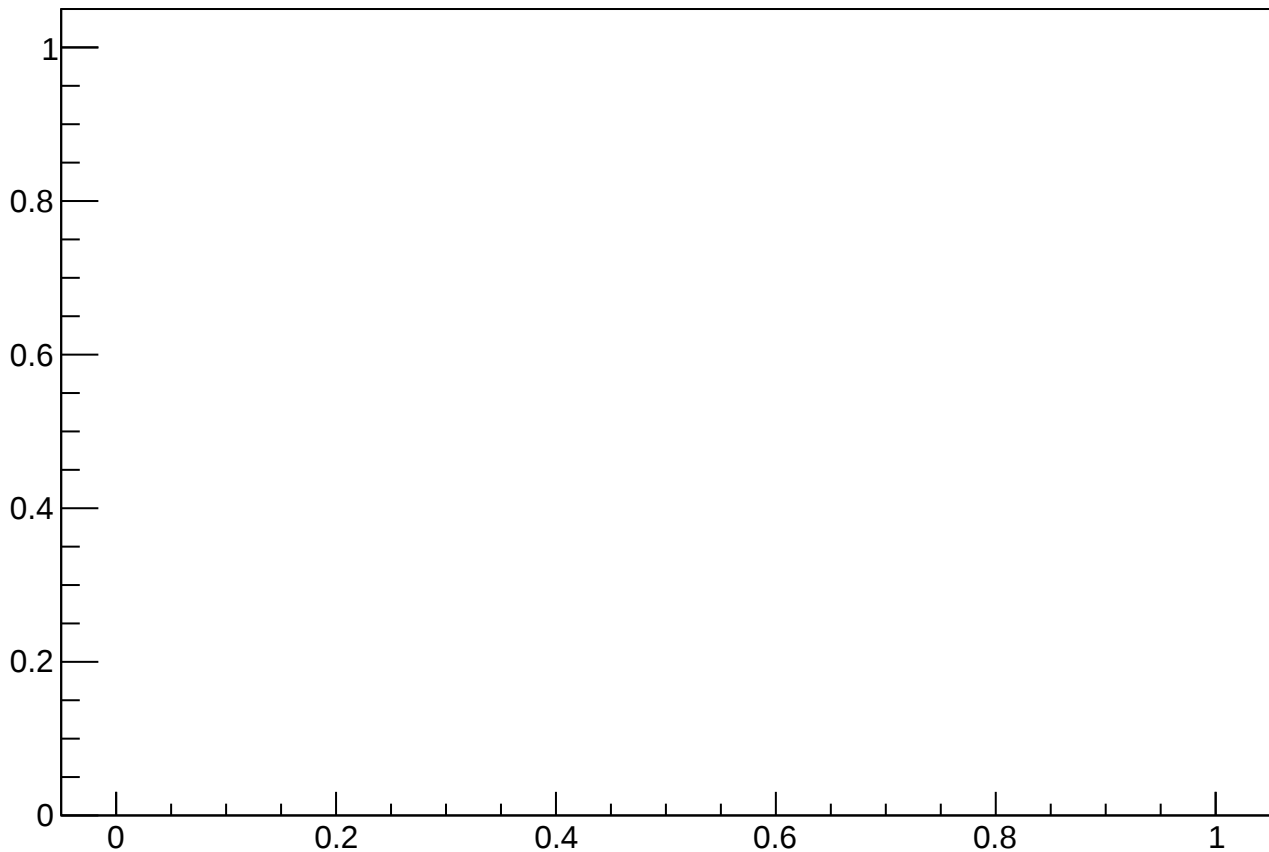
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

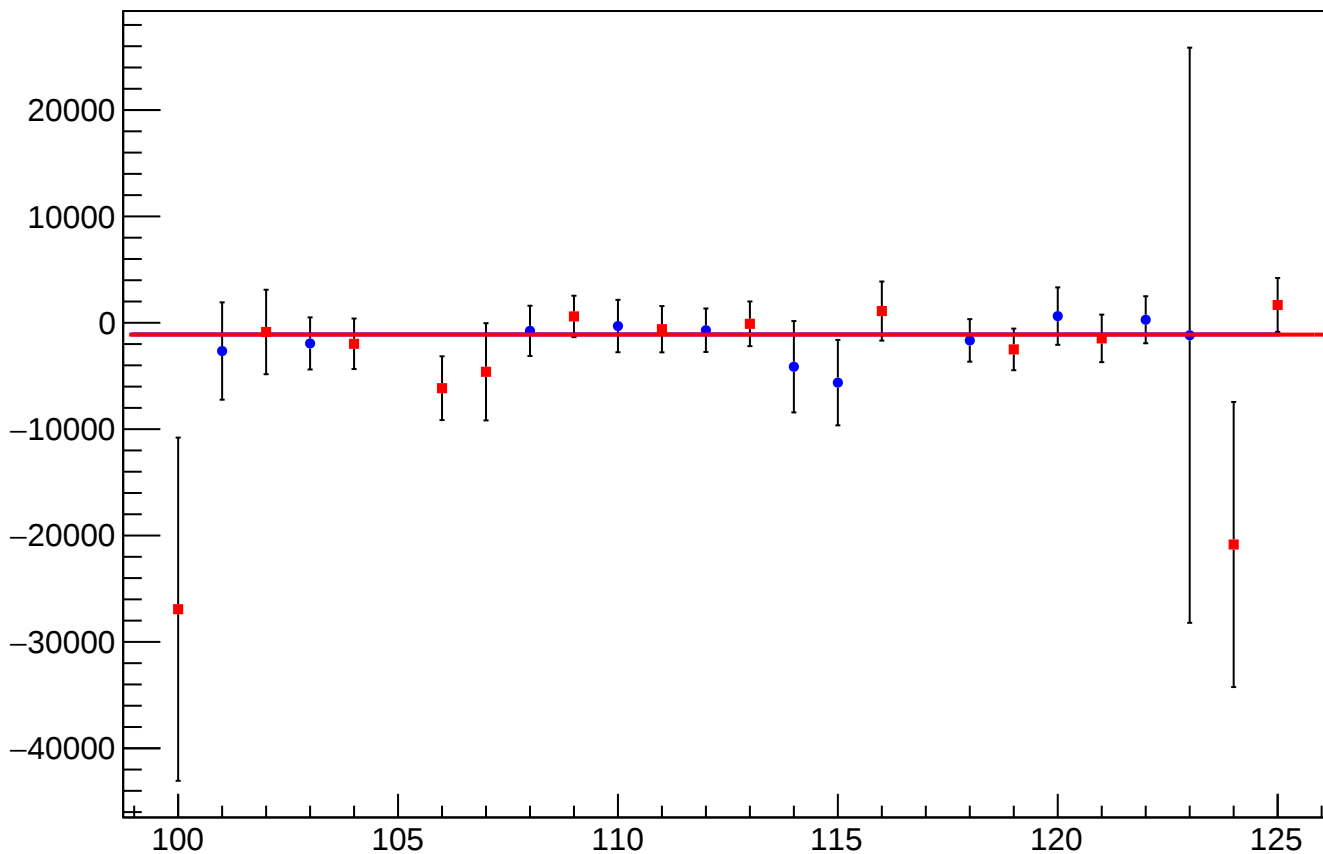
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1093.149+/-814.265 χ^2/NDF : 3.0/10

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

Right Out: -1110.932+/-733.623 χ^2/NDF : 11.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

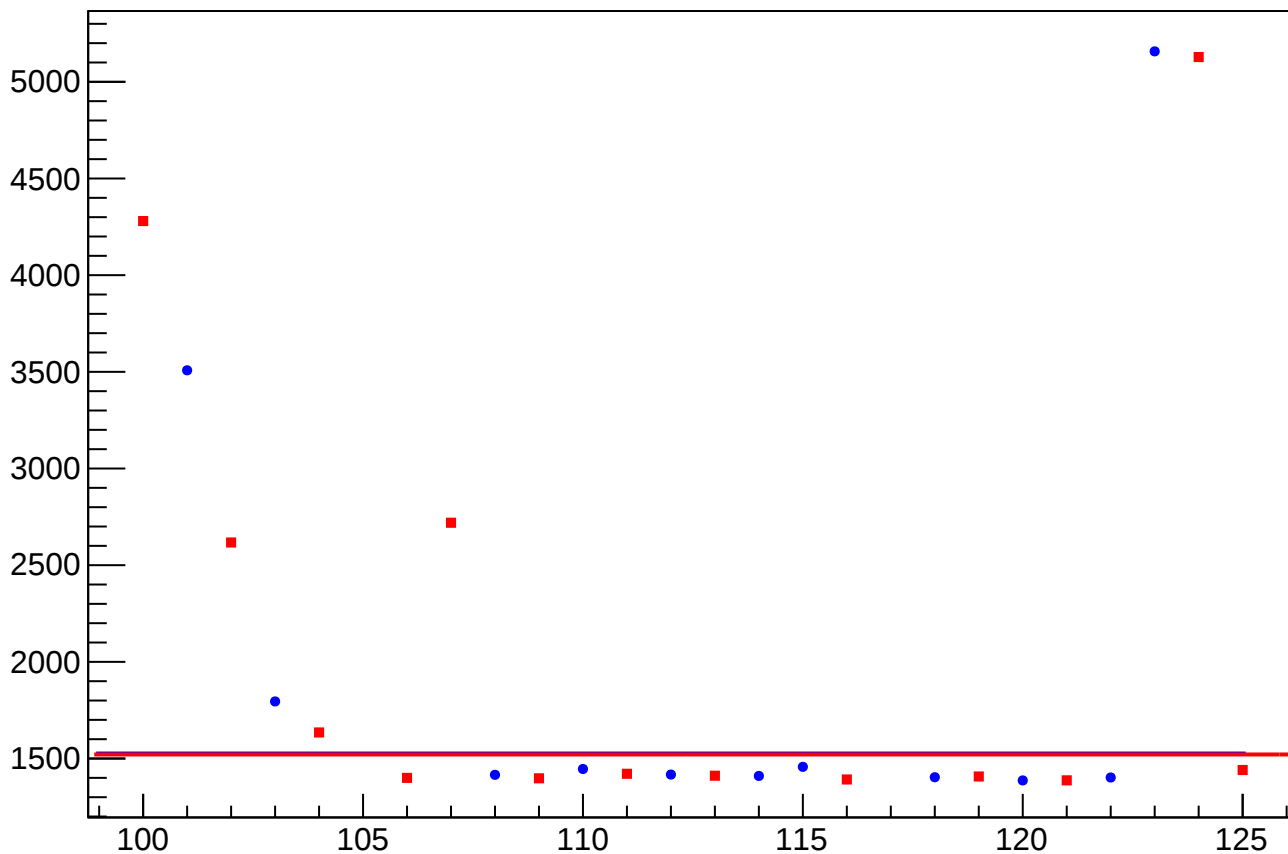
Right: -1102.964+/-545.036 χ^2/NDF : 14.8/23

In: -1093.149+/-814.265 χ^2/NDF : 3.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1102.964+/-545.036 χ^2/NDF : 14.8/23

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1525.792+/-0.576 χ^2/NDF : 469025.9/10

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

Right Out: 1521.008+/-0.519 χ^2/NDF : 539434.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

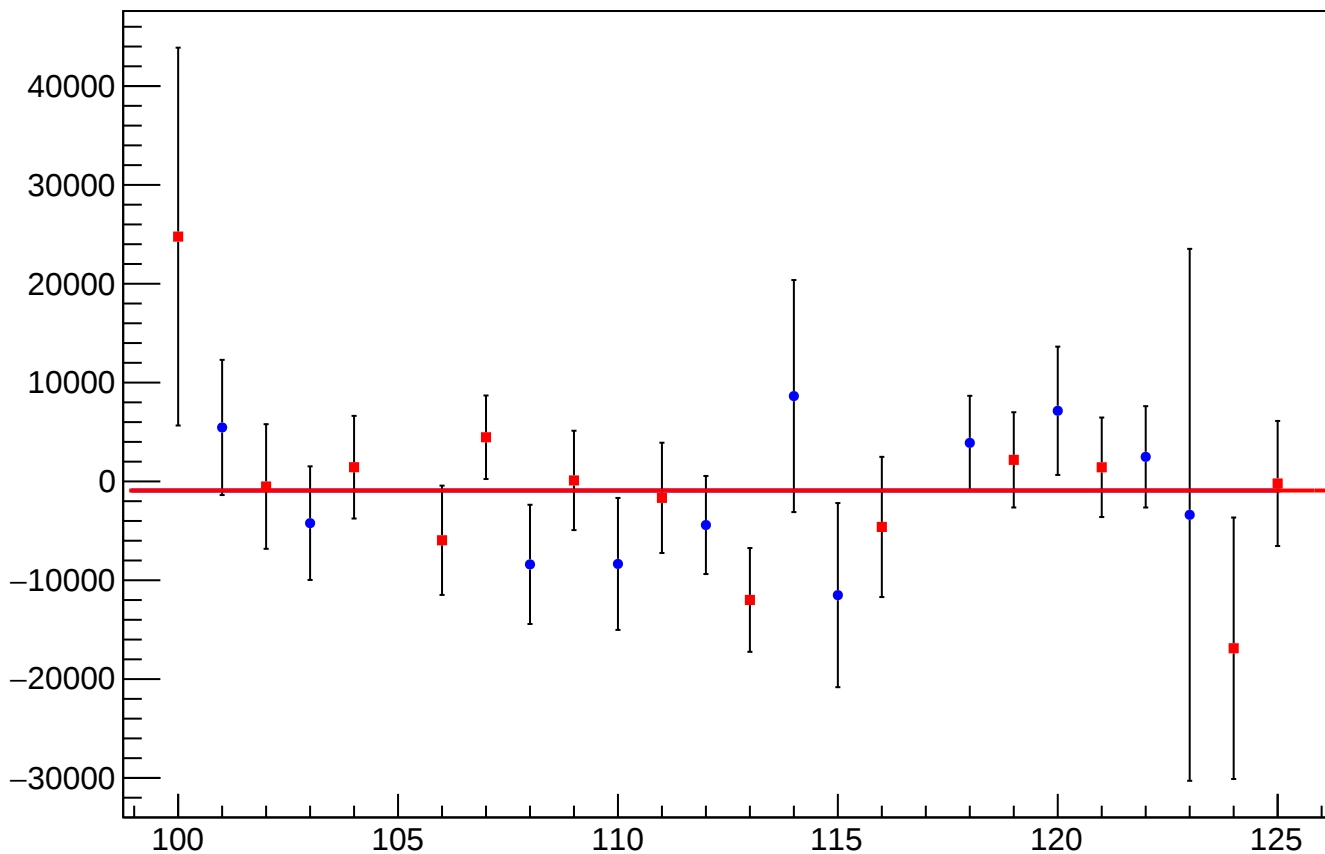
Right: 1523.151+/-0.385 χ^2/NDF : 1008498.8/23

In: 1525.792+/-0.576 χ^2/NDF : 469025.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1523.151+/-0.385 χ^2/NDF : 1008498.8/23

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -918.495+/-1930.834 χ^2/NDF : 9.4/10

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

Right Out: -920.940+/-1591.484 χ^2/NDF : 11.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

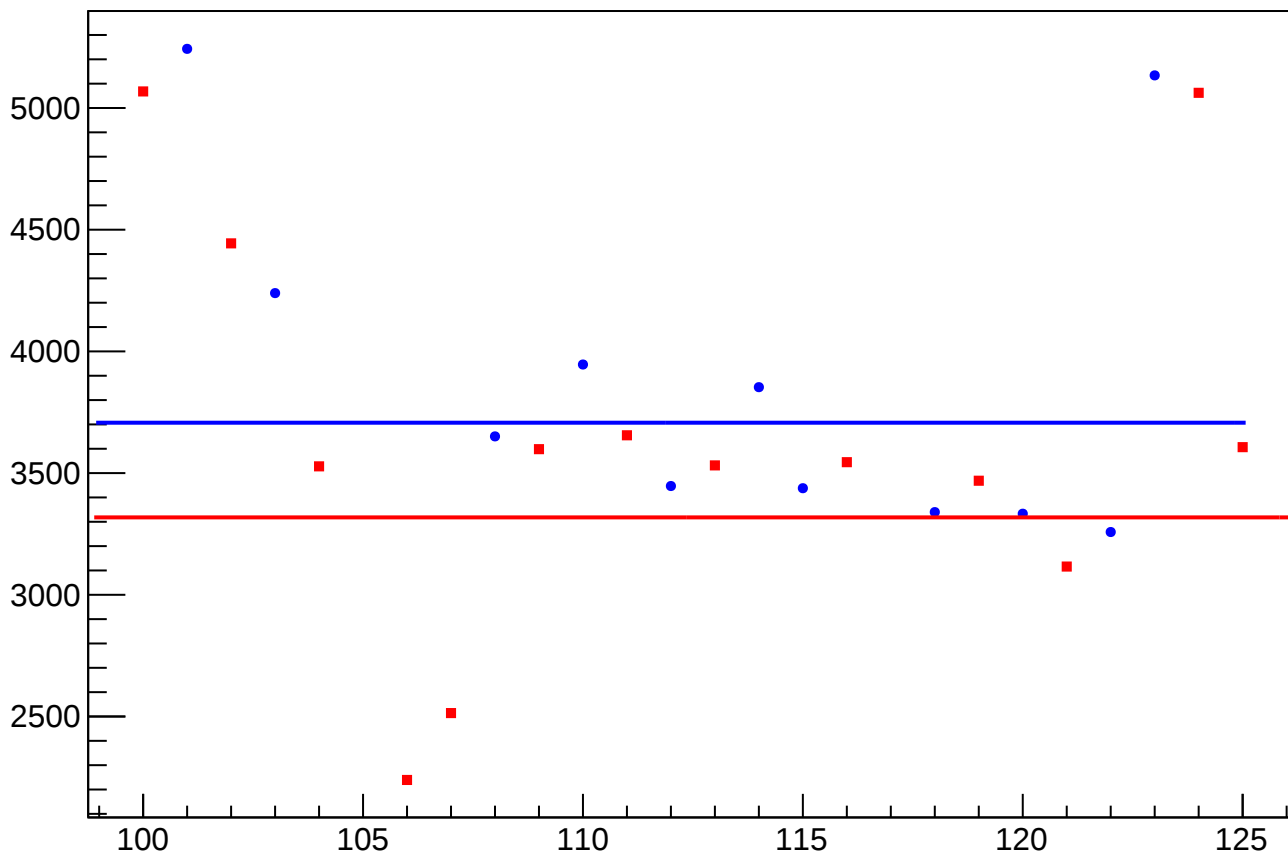
Right: -919.951+/-1228.082 χ^2/NDF : 20.8/23

In: -918.495+/-1930.834 χ^2/NDF : 9.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -919.951+/-1228.082 χ^2/NDF : 20.8/23

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3707.030+/-1.365 χ^2/NDF : 167789.2/10

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

Right Out: 3318.039+/-1.112 χ^2/NDF : 317896.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

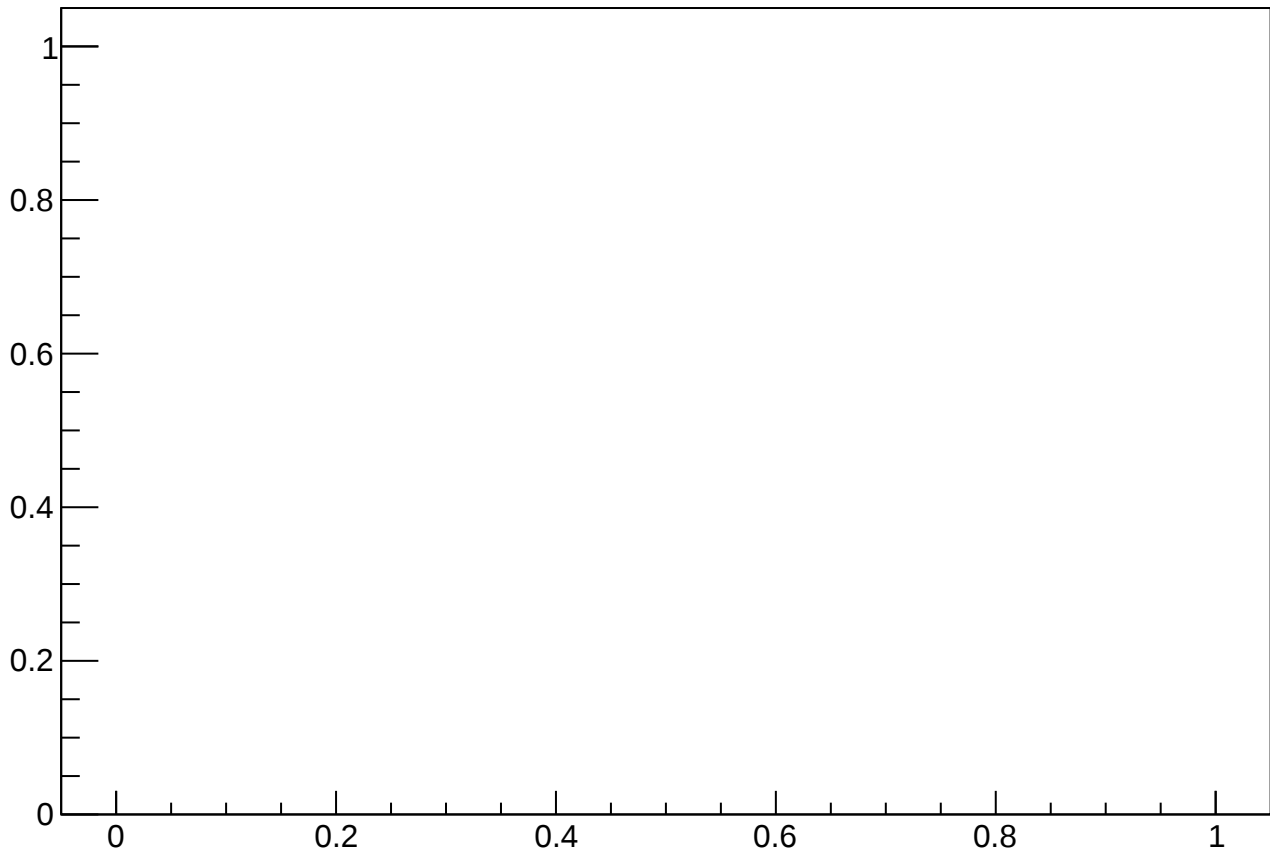
Right: 3473.144+/-0.862 χ^2/NDF : 534497.6/23

In: 3707.030+/-1.365 χ^2/NDF : 167789.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3473.144+/-0.862 χ^2/NDF : 534497.6/23

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

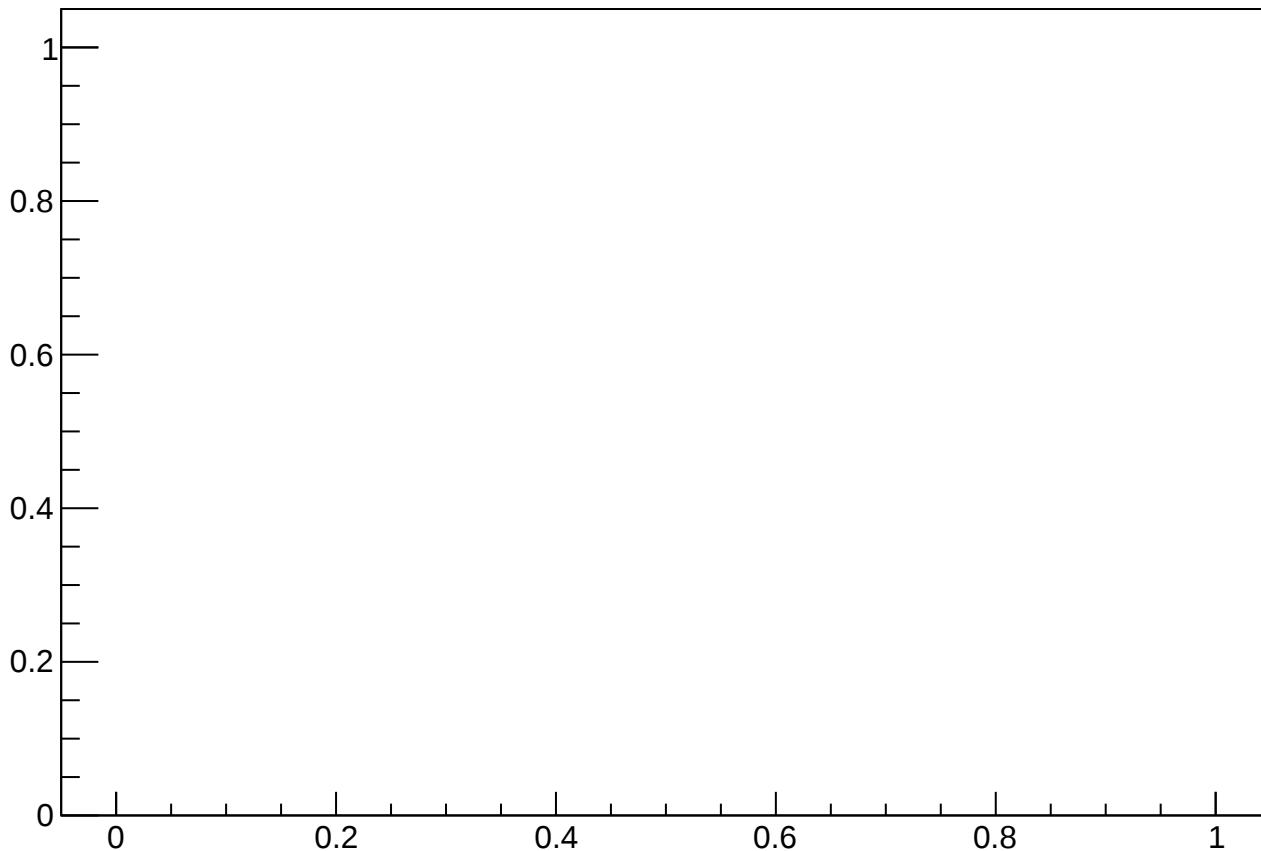
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

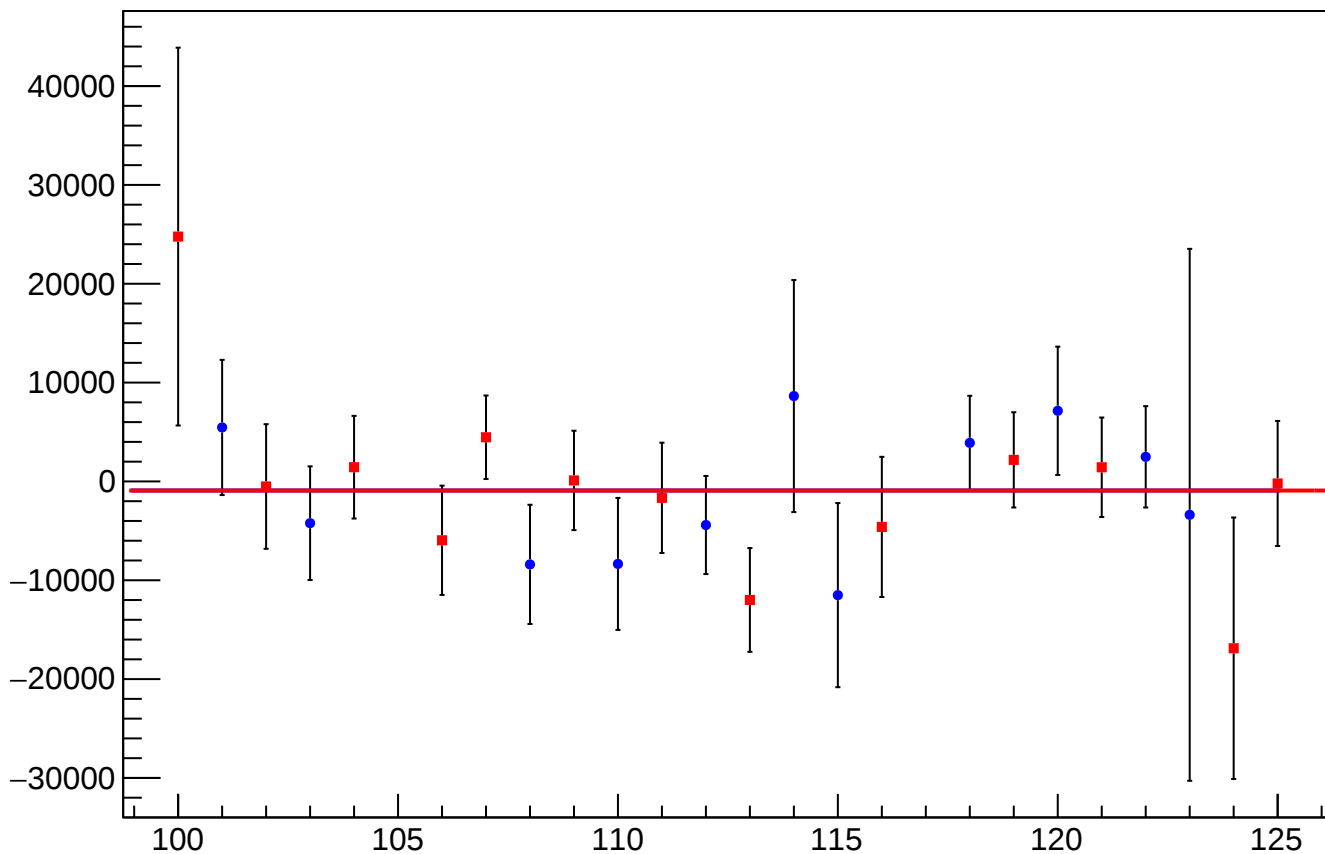
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -918.495+/-1930.834 χ^2/NDF : 9.4/10

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

Right Out: -920.940+/-1591.484 χ^2/NDF : 11.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

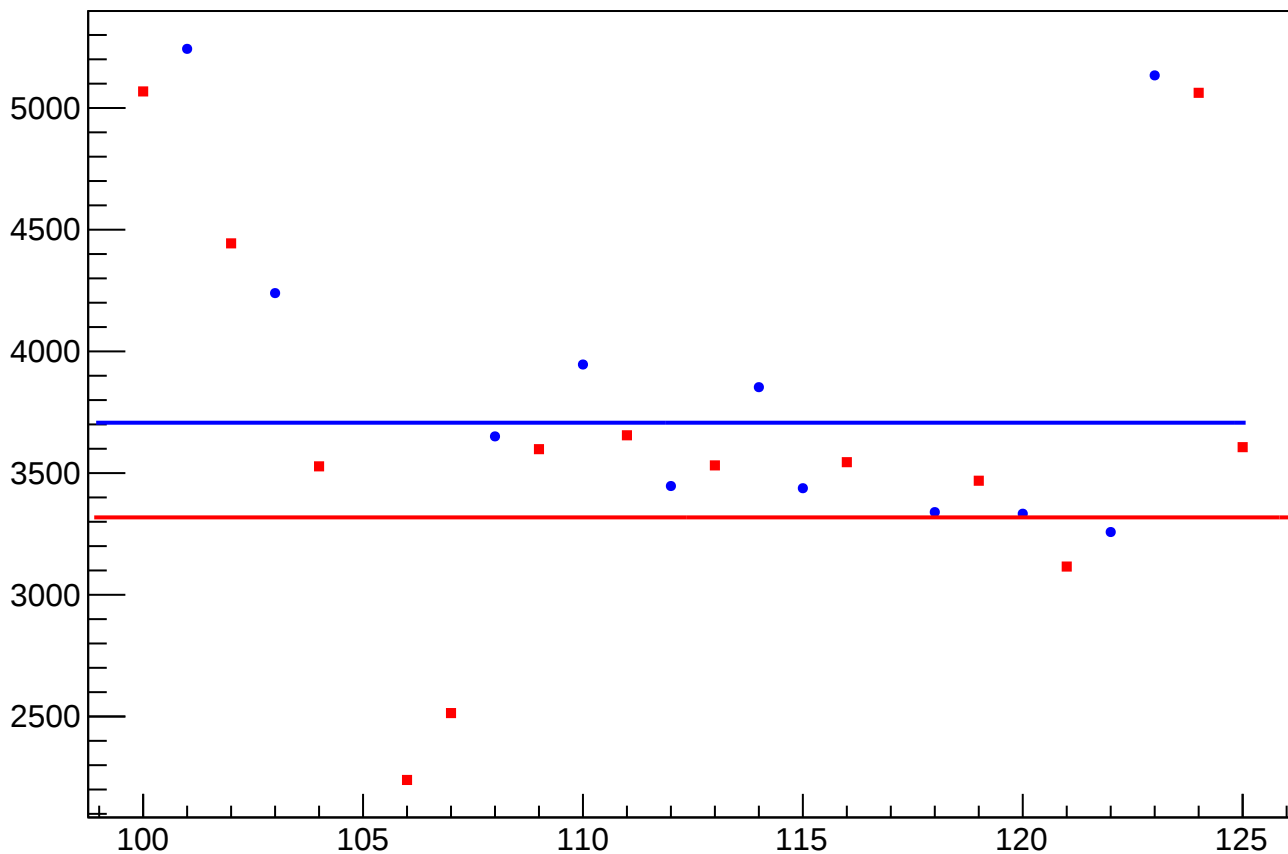
Right: -919.951+/-1228.082 χ^2/NDF : 20.8/23

In: -918.495+/-1930.834 χ^2/NDF : 9.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -919.951+/-1228.082 χ^2/NDF : 20.8/23

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3707.030+/-1.365 χ^2/NDF : 167789.2/10

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

Right Out: 3318.039+/-1.112 χ^2/NDF : 317896.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

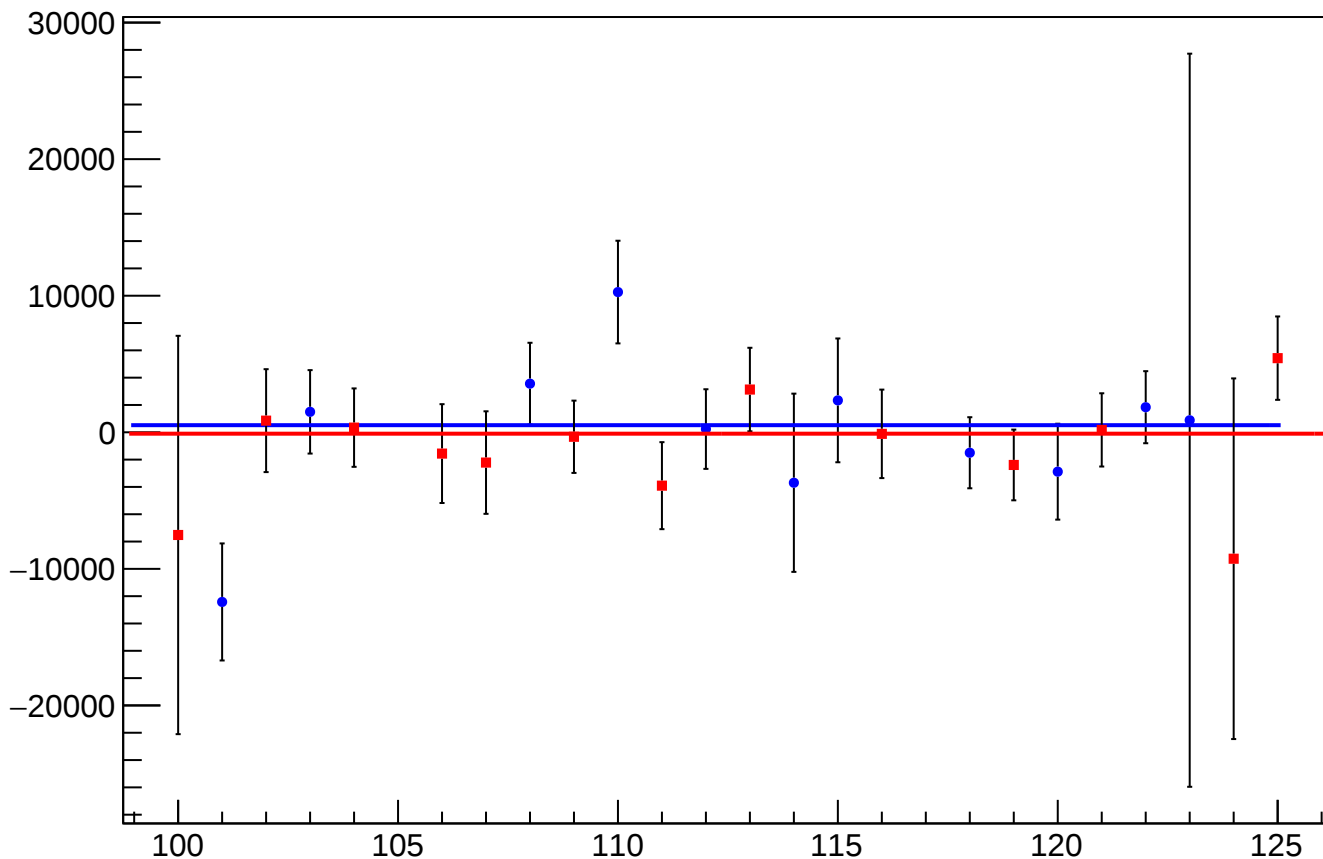
Right: 3473.144+/-0.862 χ^2/NDF : 534497.6/23

In: 3707.030+/-1.365 χ^2/NDF : 167789.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3473.144+/-0.862 χ^2/NDF : 534497.6/23

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 520.990+/-1049.662 χ^2/NDF : 19.4/10

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

Right Out: -102.170+/-917.166 χ^2/NDF : 7.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

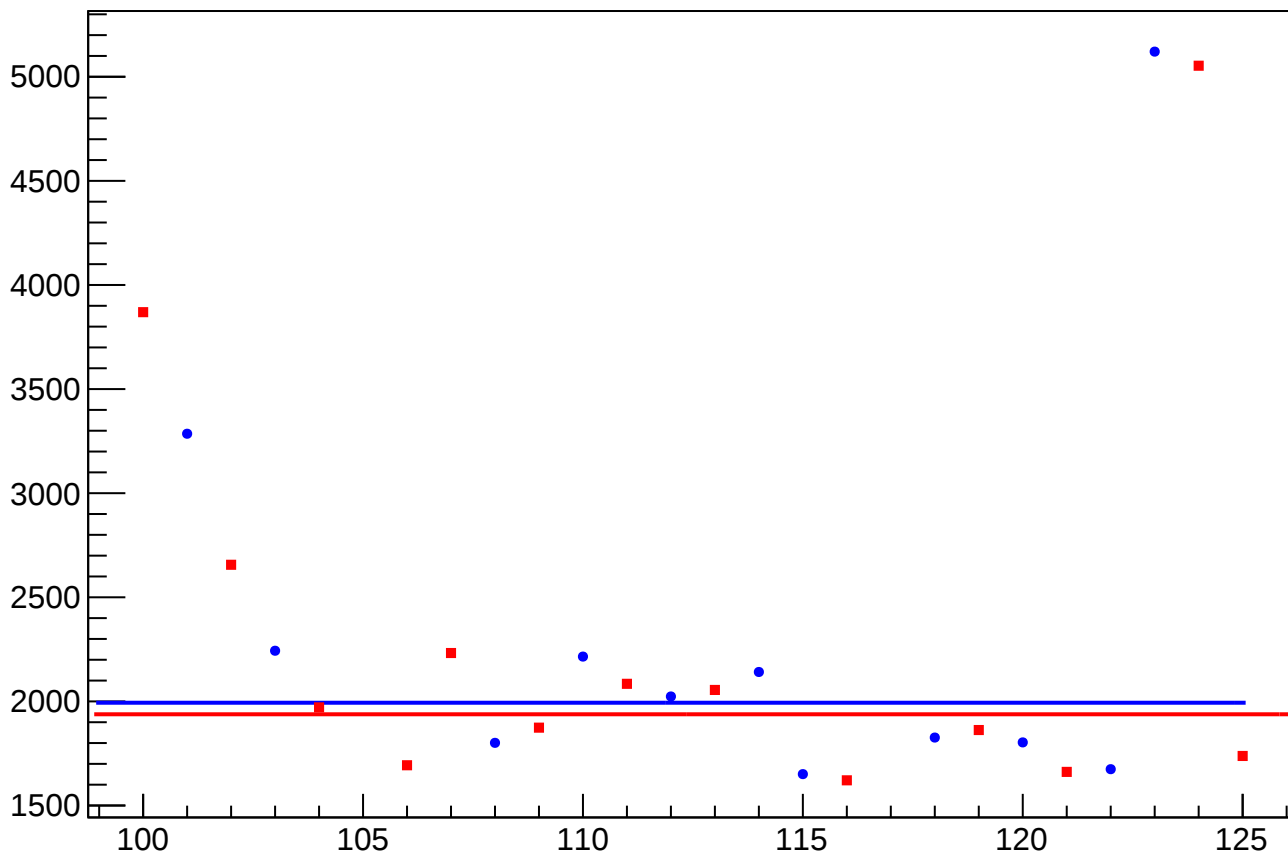
Right: 167.620+/-690.658 χ^2/NDF : 27.5/23

In: 520.990+/-1049.662 χ^2/NDF : 19.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.620+/-690.658 χ^2/NDF : 27.5/23

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1993.606+/-0.742 χ^2/NDF : 293618.3/10

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

Right Out: 1938.155+/-0.649 χ^2/NDF : 299851.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

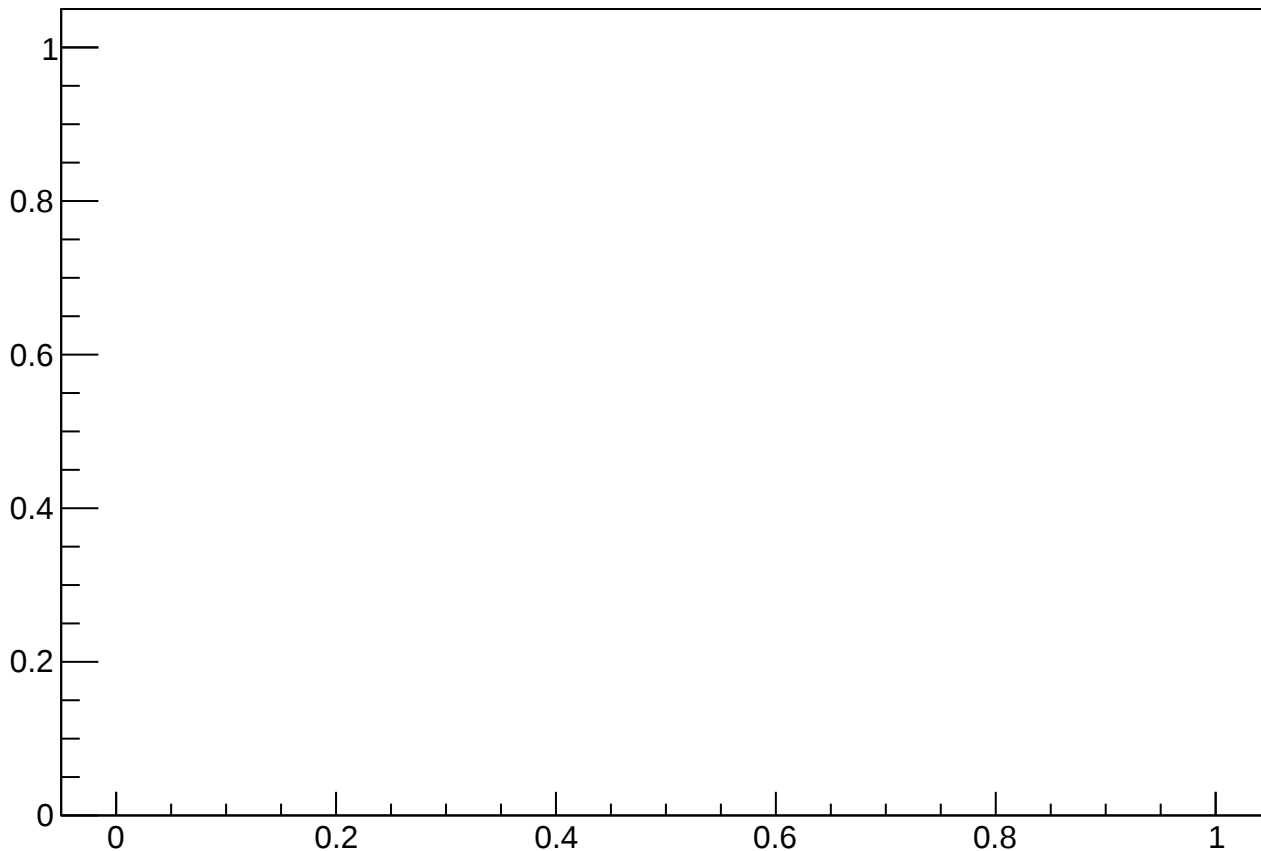
Right: 1962.162+/-0.488 χ^2/NDF : 596634.6/23

In: 1993.606+/-0.742 χ^2/NDF : 293618.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1962.162+/-0.488 χ^2/NDF : 596634.6/23

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

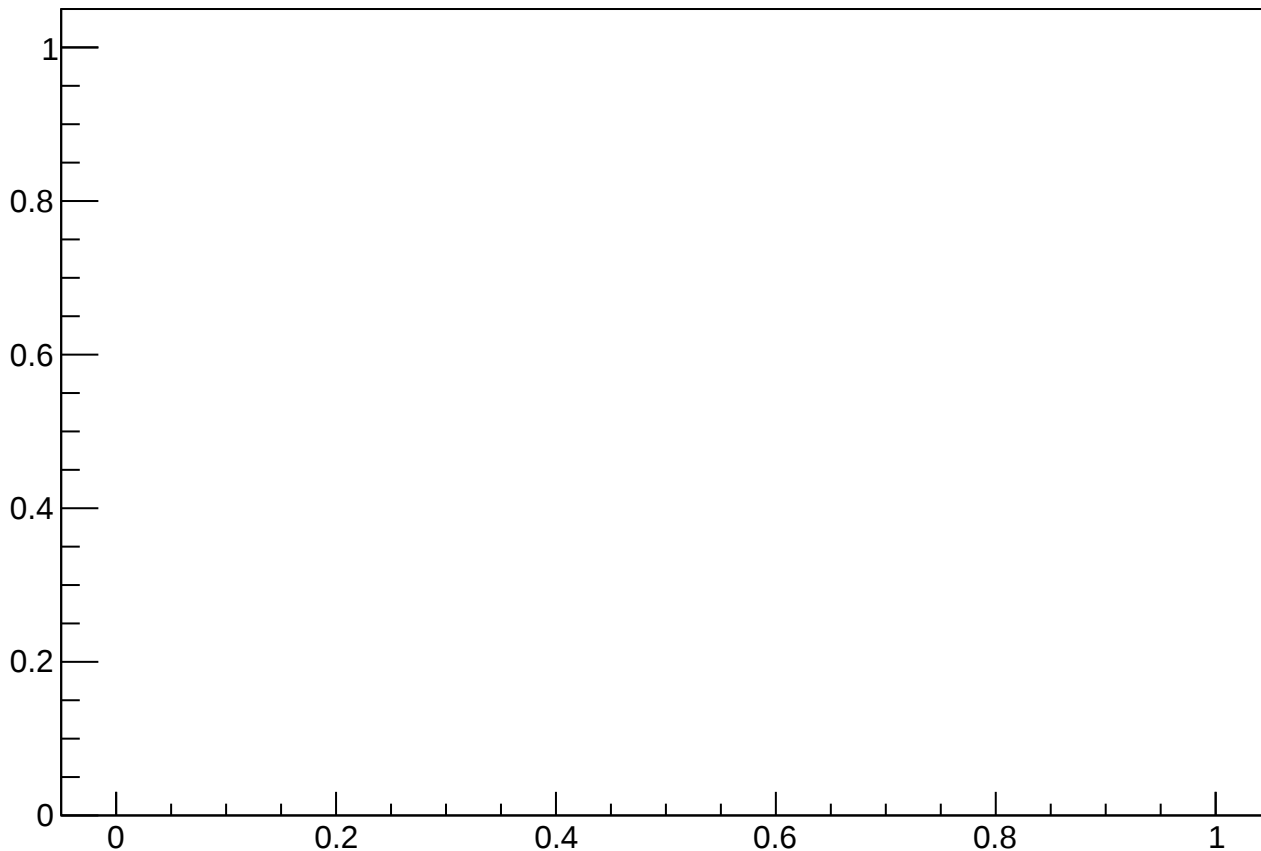
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

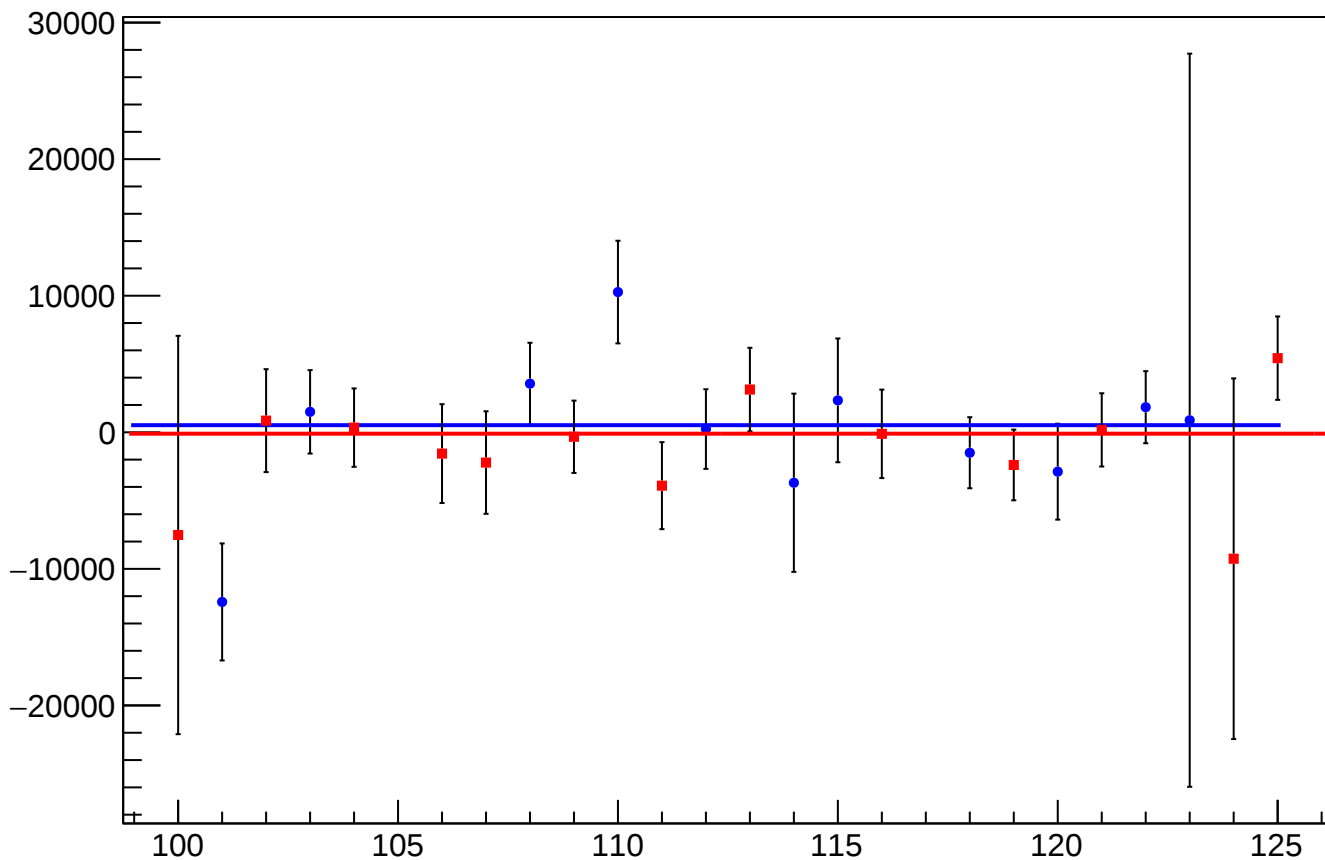
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 520.990+/-1049.662 χ^2/NDF : 19.4/10

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

Right Out: -102.170+/-917.166 χ^2/NDF : 7.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

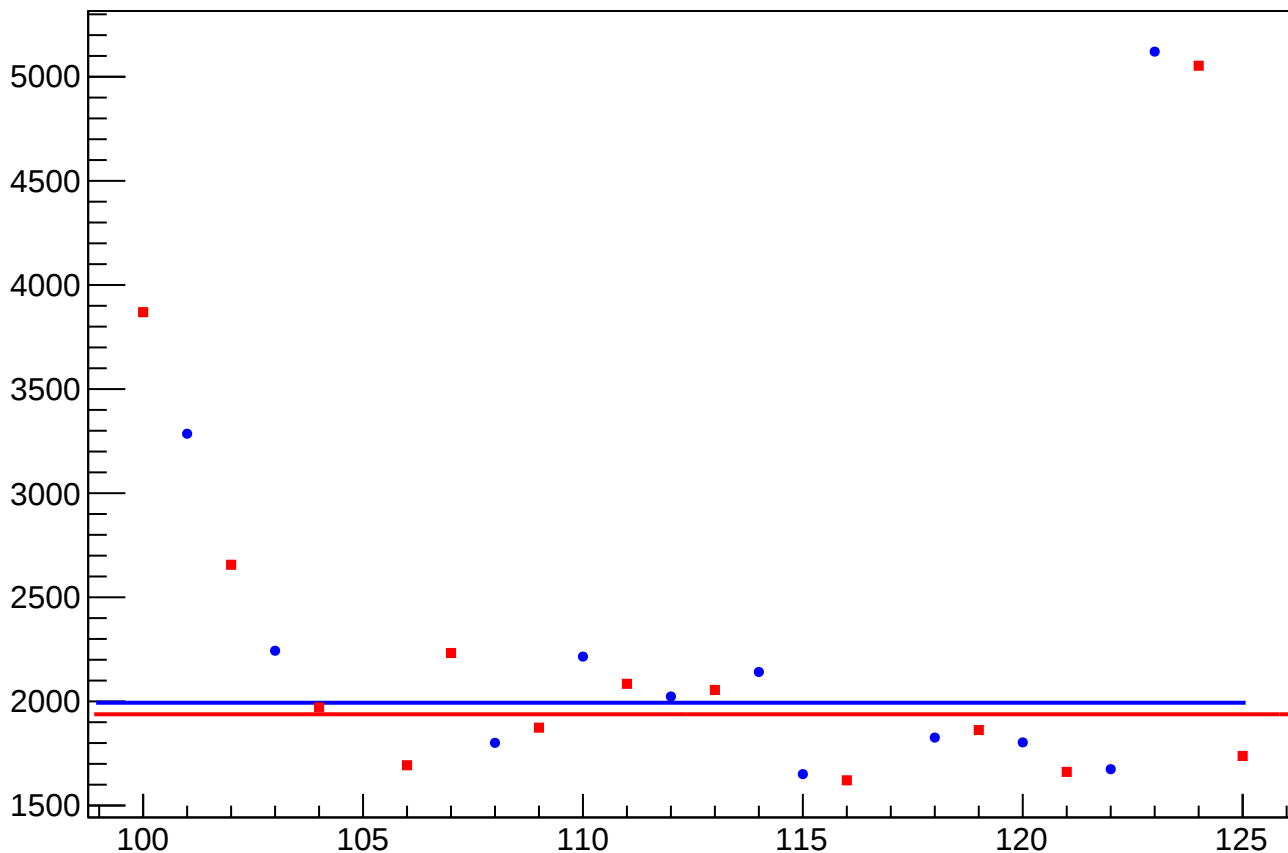
Right: 167.620+/-690.658 χ^2/NDF : 27.5/23

In: 520.990+/-1049.662 χ^2/NDF : 19.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.620+/-690.658 χ^2/NDF : 27.5/23

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1993.606+/-0.742 χ^2/NDF : 293618.3/10

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

Right Out: 1938.155+/-0.649 χ^2/NDF : 299851.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

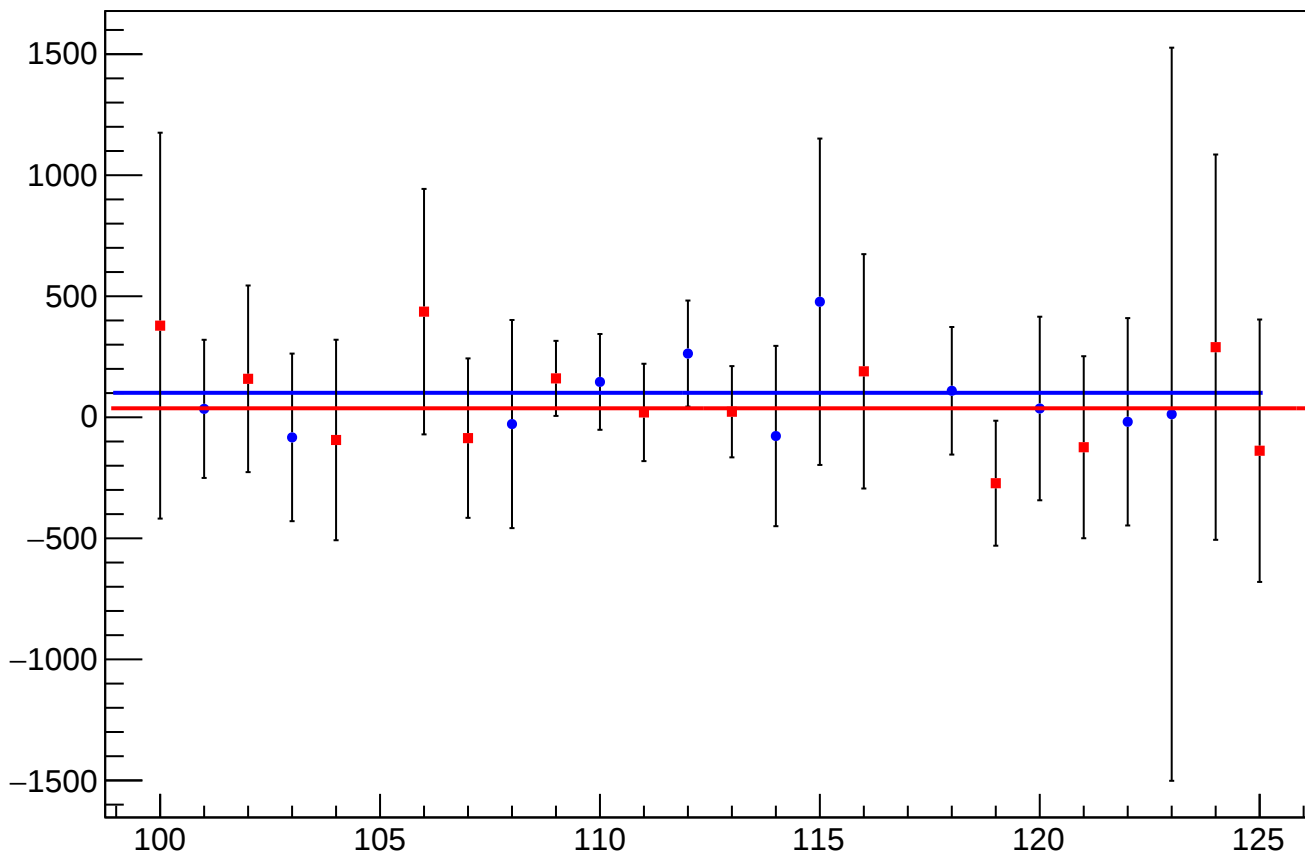
Right: 1962.162+/-0.488 χ^2/NDF : 596634.6/23

In: 1993.606+/-0.742 χ^2/NDF : 293618.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1962.162+/-0.488 χ^2/NDF : 596634.6/23

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 101.132 $\pm$ 95.744 χ^2 /NDF: 1.7/10

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

Right Out: 37.185 $\pm$ 80.824 χ^2 /NDF: 3.7/12

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

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

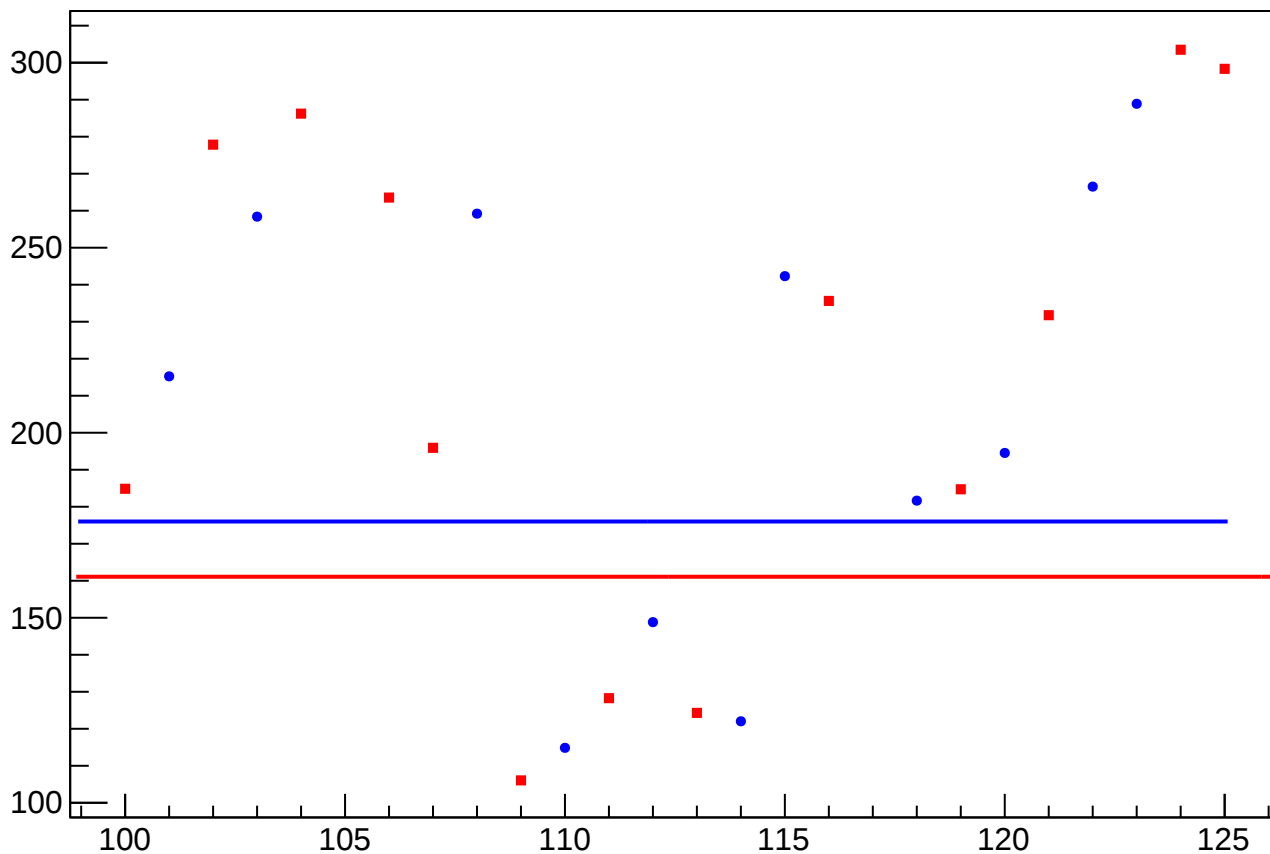
Right: 63.793 $\pm$ 61.761 χ^2 /NDF: 5.7/23

In: 101.132 $\pm$ 95.744 χ^2 /NDF:1.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 63.793 $\pm$ 61.761 χ^2 /NDF: 5.7/23

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 176.010 $\pm$ 0.068 χ^2 /NDF: 615420.1/10

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

Right Out: 161.087 $\pm$ 0.057 χ^2 /NDF: 1180660.2/12

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

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

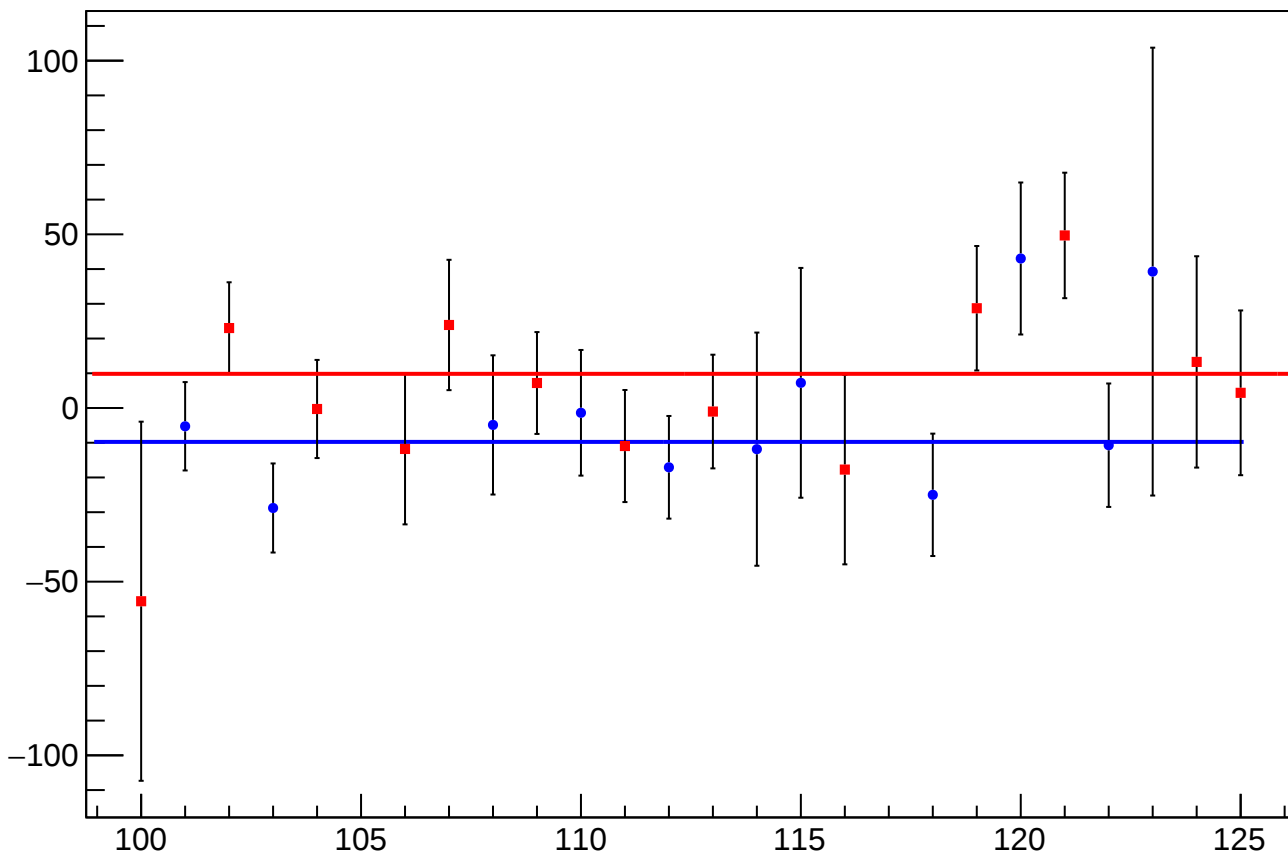
Right: 167.297 $\pm$ 0.044 χ^2 /NDF: 1824448.9/23

In: 176.010 $\pm$ 0.068 χ^2 /NDF:615420.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 167.297 $\pm$ 0.044 χ^2 /NDF: 1824448.9/23

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -9.759+/-5.513 χ^2/NDF : 10.3/10

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

Right Out: 9.837+/-5.083 χ^2/NDF : 13.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

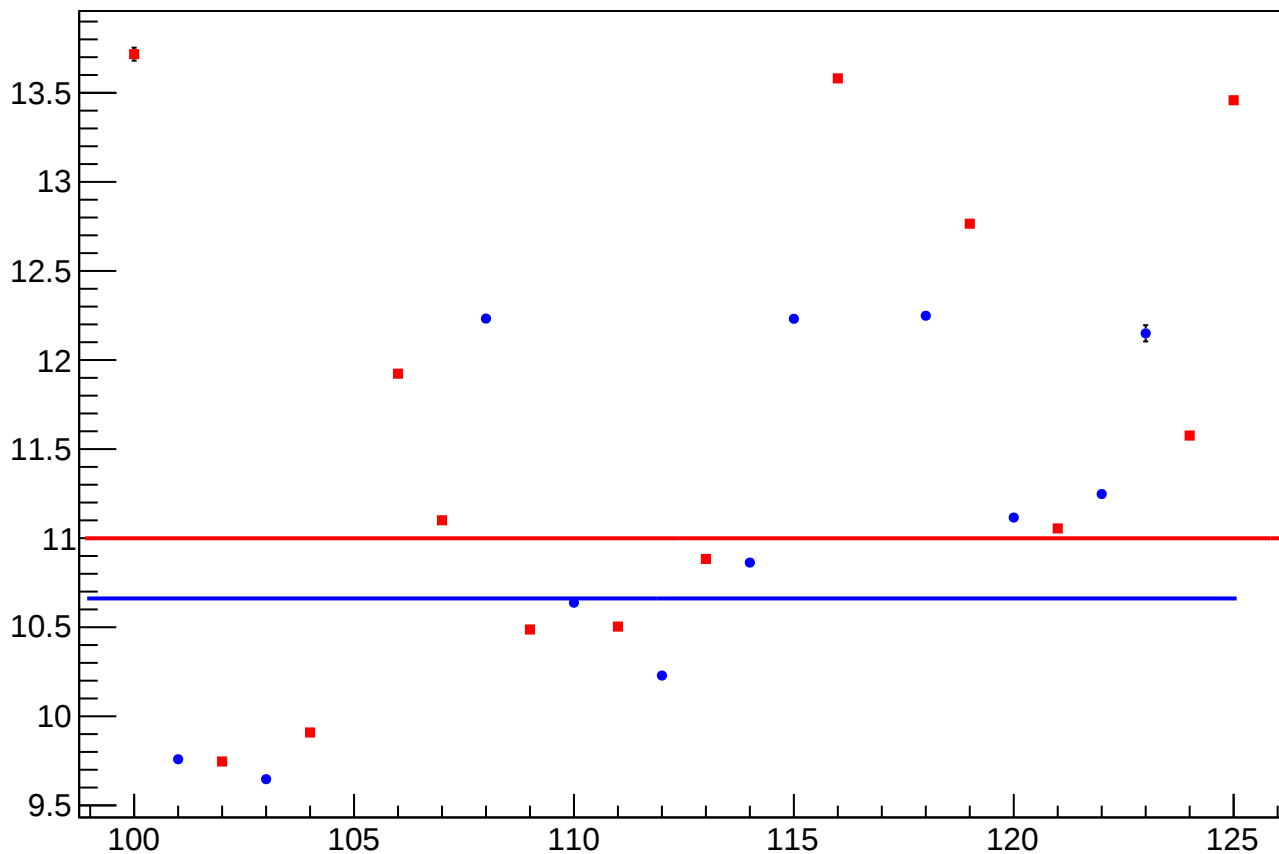
Right: 0.834+/-3.737 χ^2/NDF : 31.0/23

In: -9.759+/-5.513 χ^2/NDF : 10.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.834+/-3.737 χ^2/NDF : 31.0/23

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.662 $\pm$ 0.004 χ^2 /NDF: 61503.0/10

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

Right Out: 10.999 $\pm$ 0.004 χ^2 /NDF: 103191.3/12

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

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

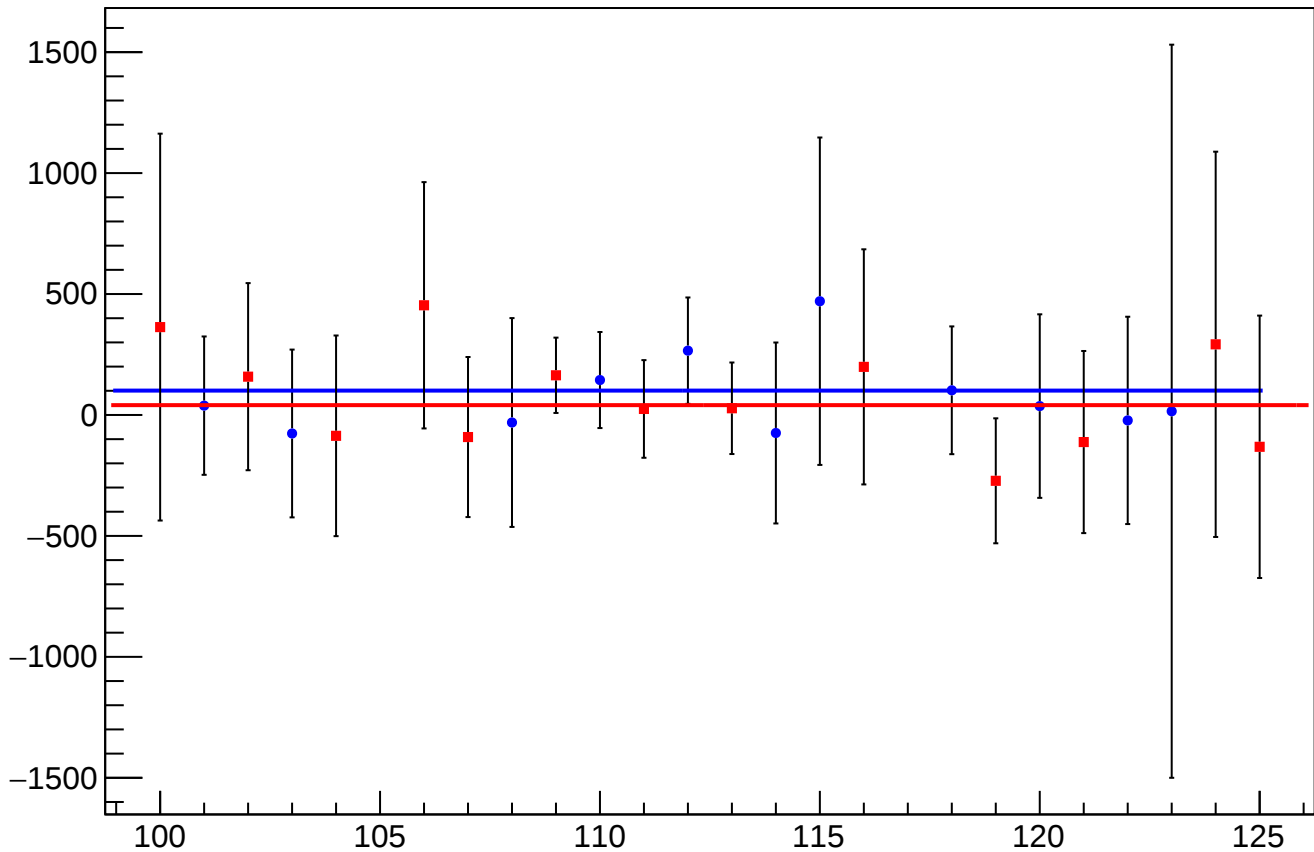
Right: 10.844 $\pm$ 0.003 χ^2 /NDF: 168752.5/23

In: 10.662 $\pm$ 0.004 χ^2 /NDF:61503.0/10

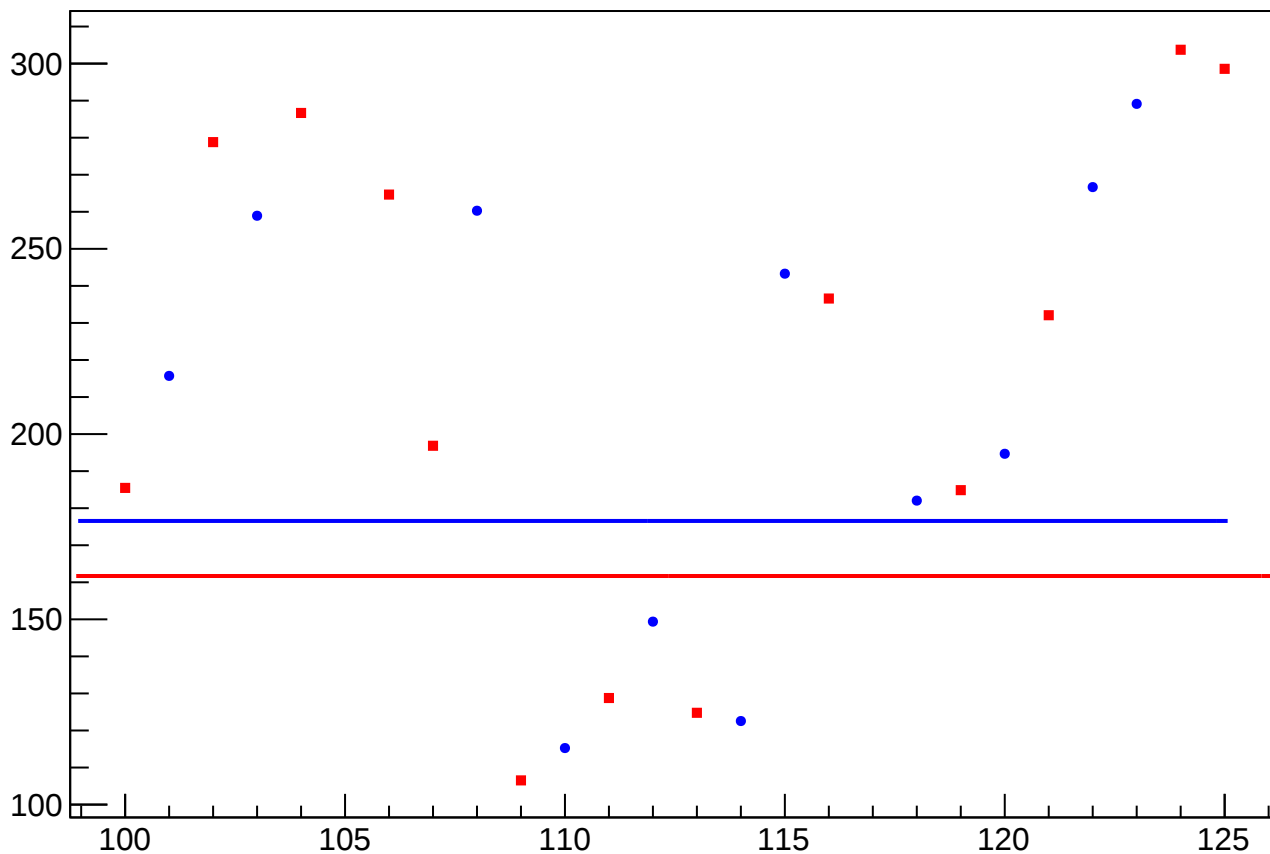
Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 10.844 $\pm$ 0.003 χ^2 /NDF: 168752.5/23

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 176.556+/-0.068 χ^2/NDF : 612708.2/10

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

Right Out: 161.697+/-0.057 χ^2/NDF : 1175866.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

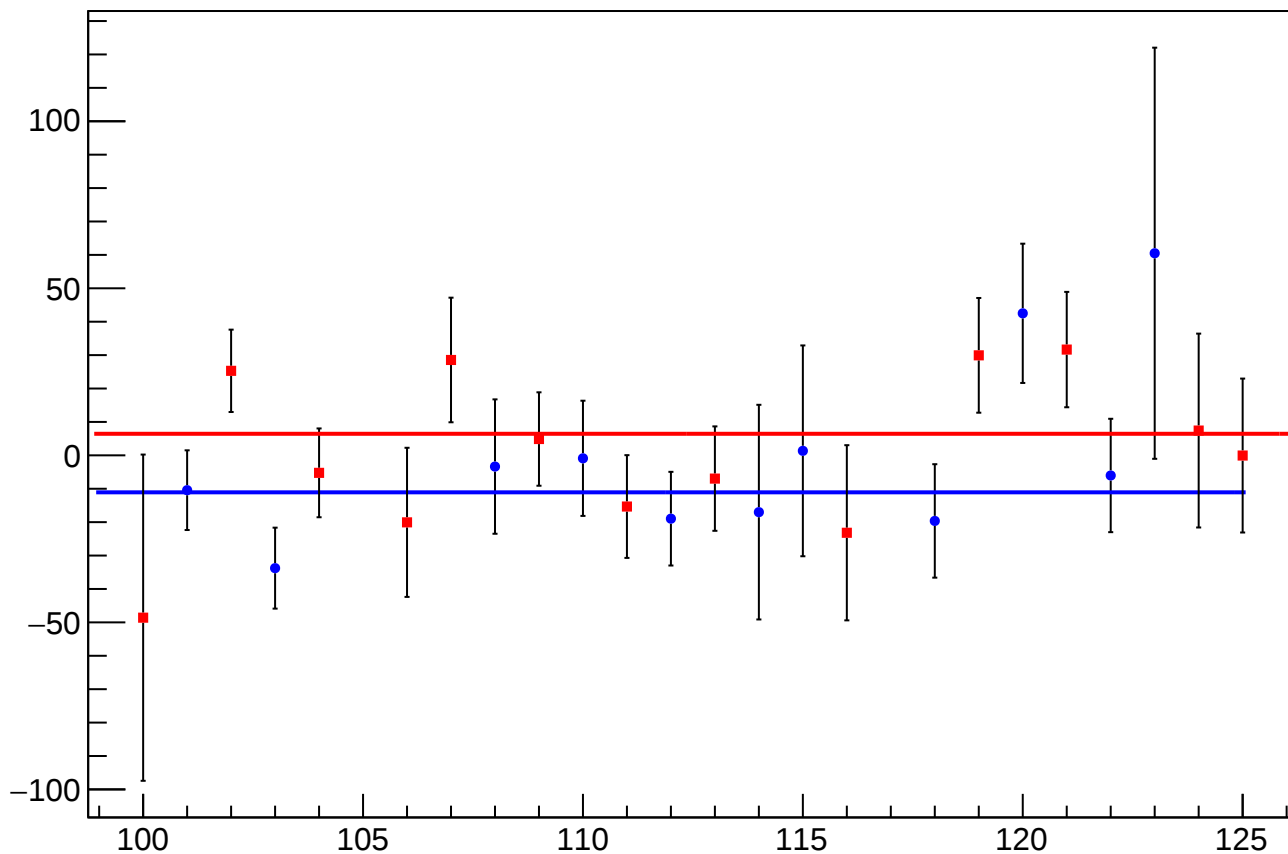
Right: 167.883+/-0.044 χ^2/NDF : 1816526.8/23

In: 176.556+/-0.068 χ^2/NDF : 612708.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.883+/-0.044 χ^2/NDF : 1816526.8/23

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -11.074 ± 5.253 $\chi^2/\text{NDF}: 12.8/10$

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

Right Out: 6.451 ± 4.865 $\chi^2/\text{NDF}: 15.3/12$

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

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

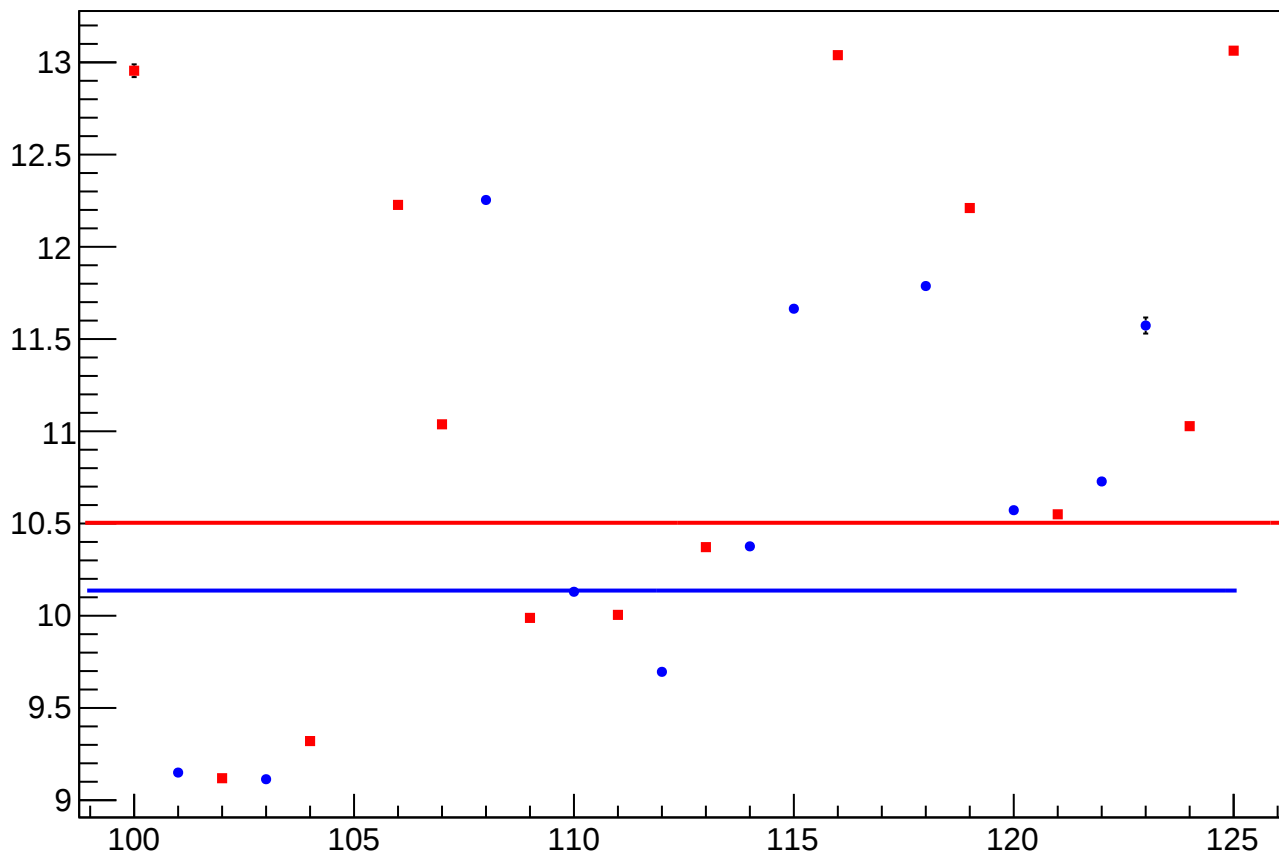
Right: -1.641 ± 3.569 $\chi^2/\text{NDF}: 34.1/23$

In: -11.074 ± 5.253 $\chi^2/\text{NDF}: 12.8/10$

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

All: -1.641 ± 3.569 $\chi^2/\text{NDF}: 34.1/23$

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.136+/-0.004 χ^2/NDF : 80180.1/10

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

Right Out: 10.504+/-0.003 χ^2/NDF : 128460.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

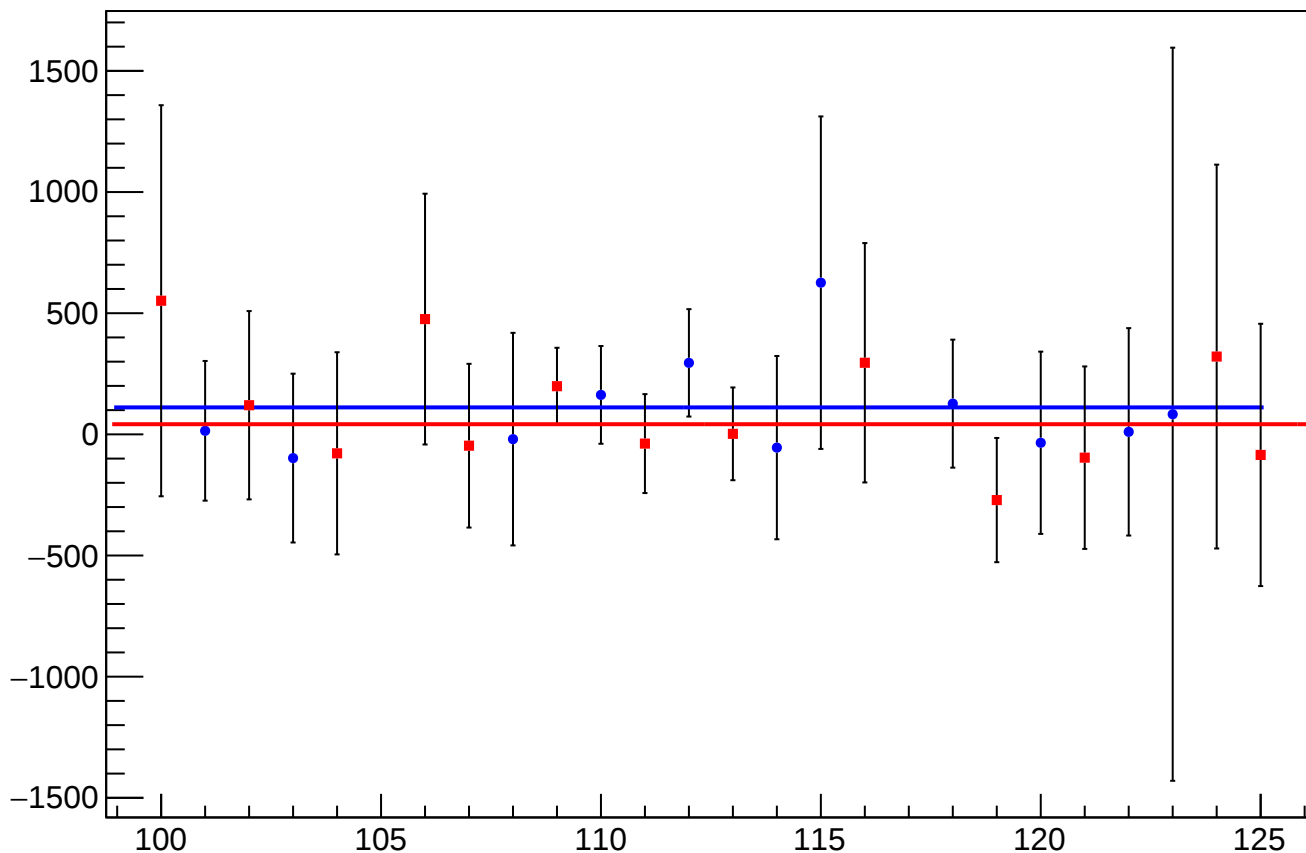
Right: 10.334+/-0.003 χ^2/NDF : 213907.4/23

In: 10.136+/-0.004 χ^2/NDF :80180.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 10.334+/-0.003 χ^2/NDF : 213907.4/23

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 111.282+/-96.745 χ^2/NDF : 2.3/10

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

Right Out: 41.860+/-81.973 χ^2/NDF : 4.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

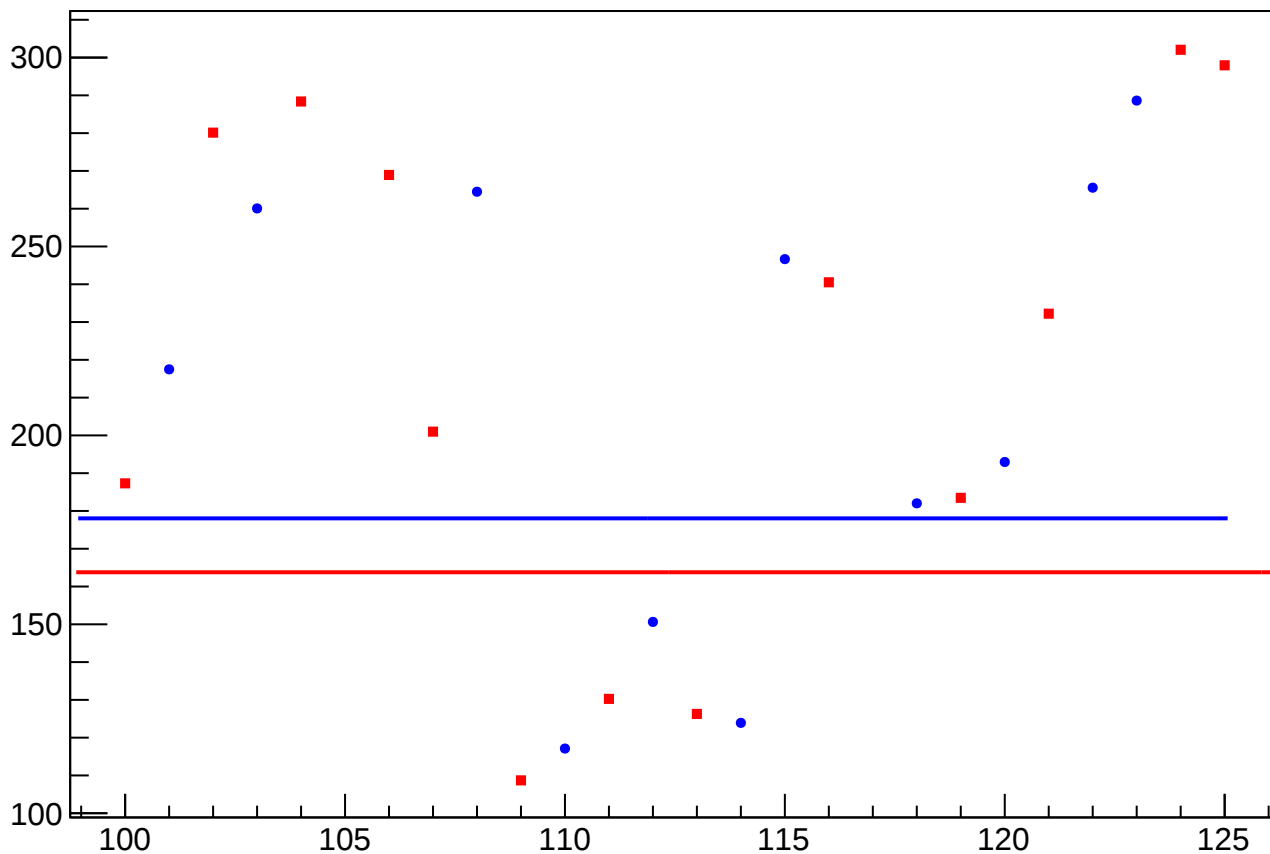
Right: 70.871+/-62.541 χ^2/NDF : 7.1/23

In: 111.282+/-96.745 χ^2/NDF : 2.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.871+/-62.541 χ^2/NDF : 7.1/23

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 178.043+/-0.068 χ^2/NDF : 598074.0/10

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

Right Out: 163.777+/-0.058 χ^2/NDF : 1148201.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

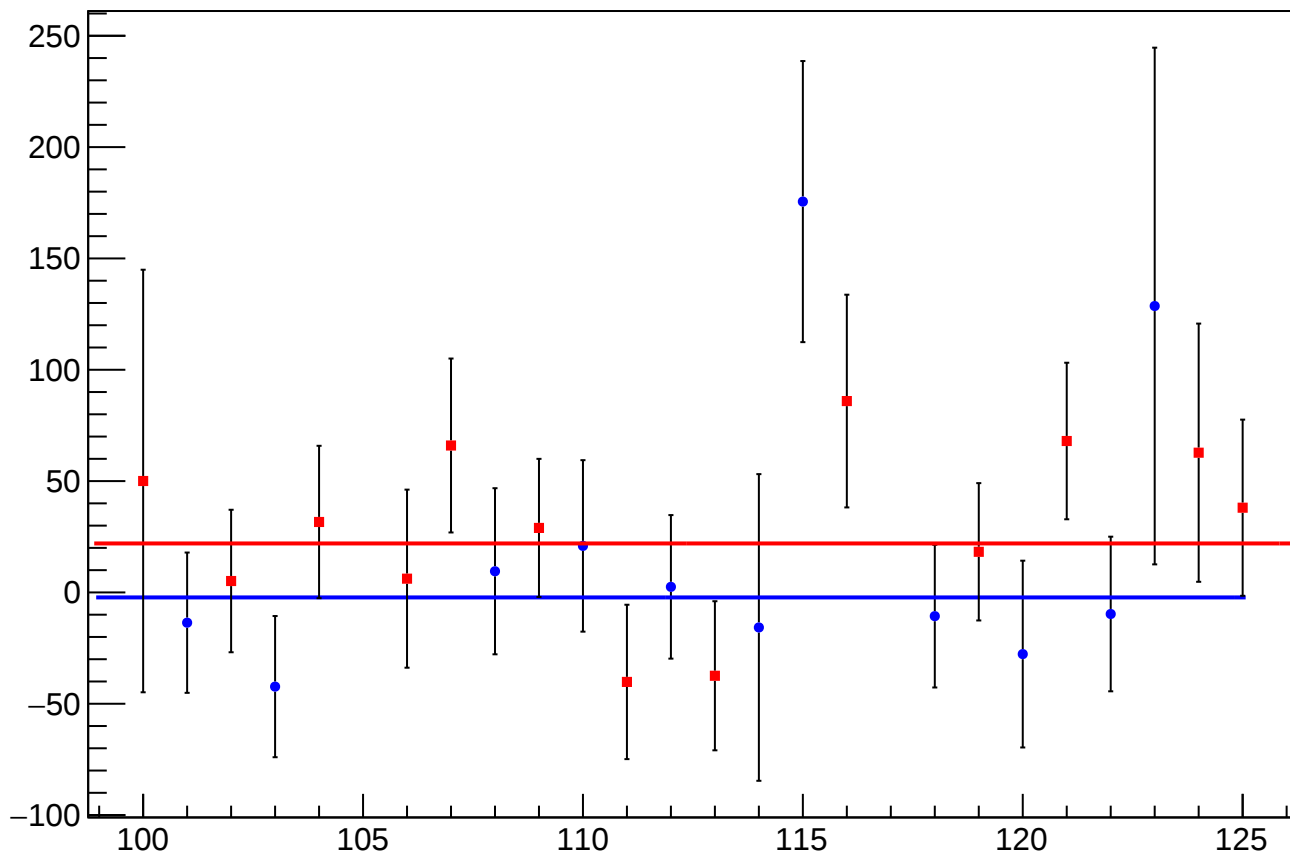
Right: 169.739+/-0.044 χ^2/NDF : 1771587.7/23

In: 178.043+/-0.068 χ^2/NDF : 598074.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.739+/-0.044 χ^2/NDF : 1771587.7/23

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -2.246 ± 11.732 $\chi^2/\text{NDF}: 11.9/10$

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

Right Out: 21.996 ± 10.414 $\chi^2/\text{NDF}: 12.5/12$

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

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

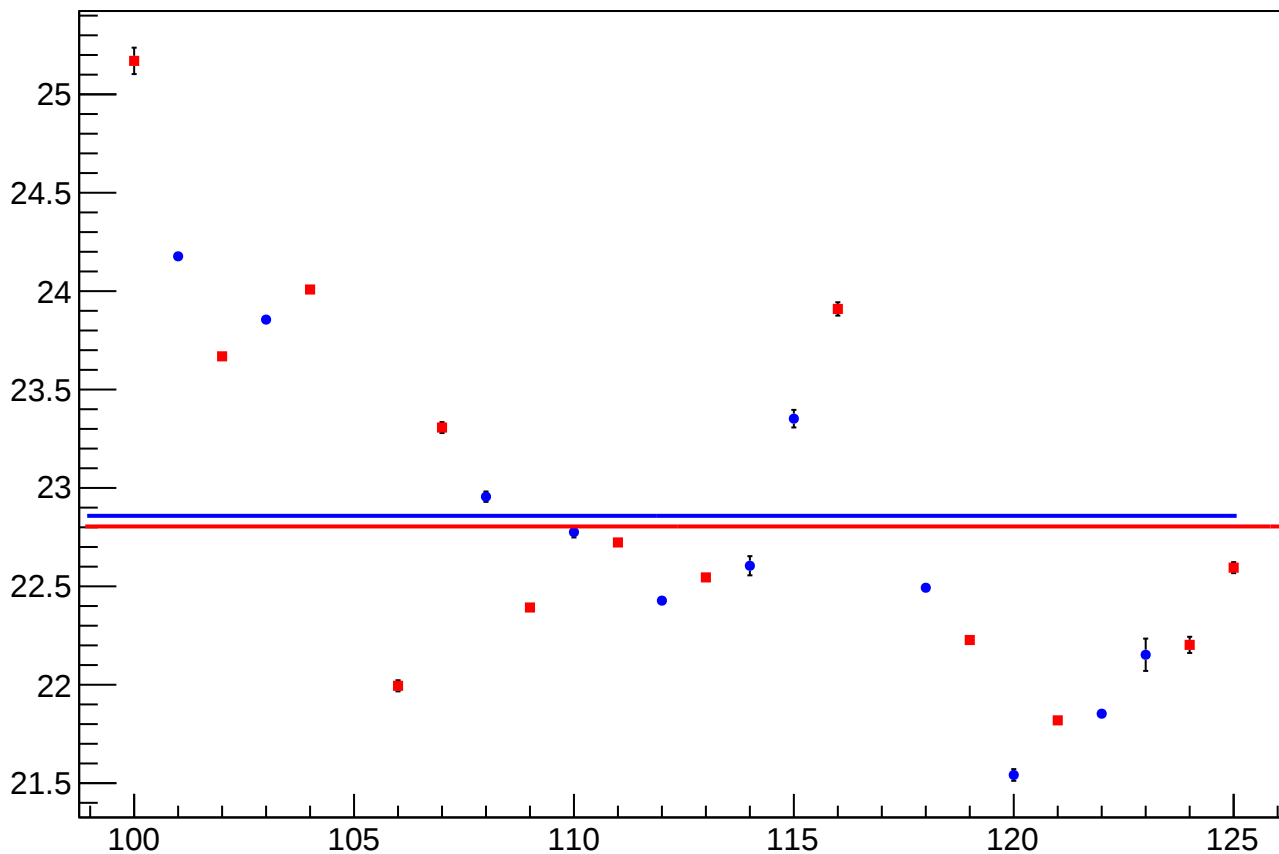
Right: 11.313 ± 7.788 $\chi^2/\text{NDF}: 26.8/23$

In: -2.246 ± 11.732 $\chi^2/\text{NDF}: 11.9/10$

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

All: 11.313 ± 7.788 $\chi^2/\text{NDF}: 26.8/23$

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.858 $\pm$ 0.008 χ^2 /NDF: 9992.9/10

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

Right Out: 22.804 $\pm$ 0.007 χ^2 /NDF: 10426.8/12

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

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

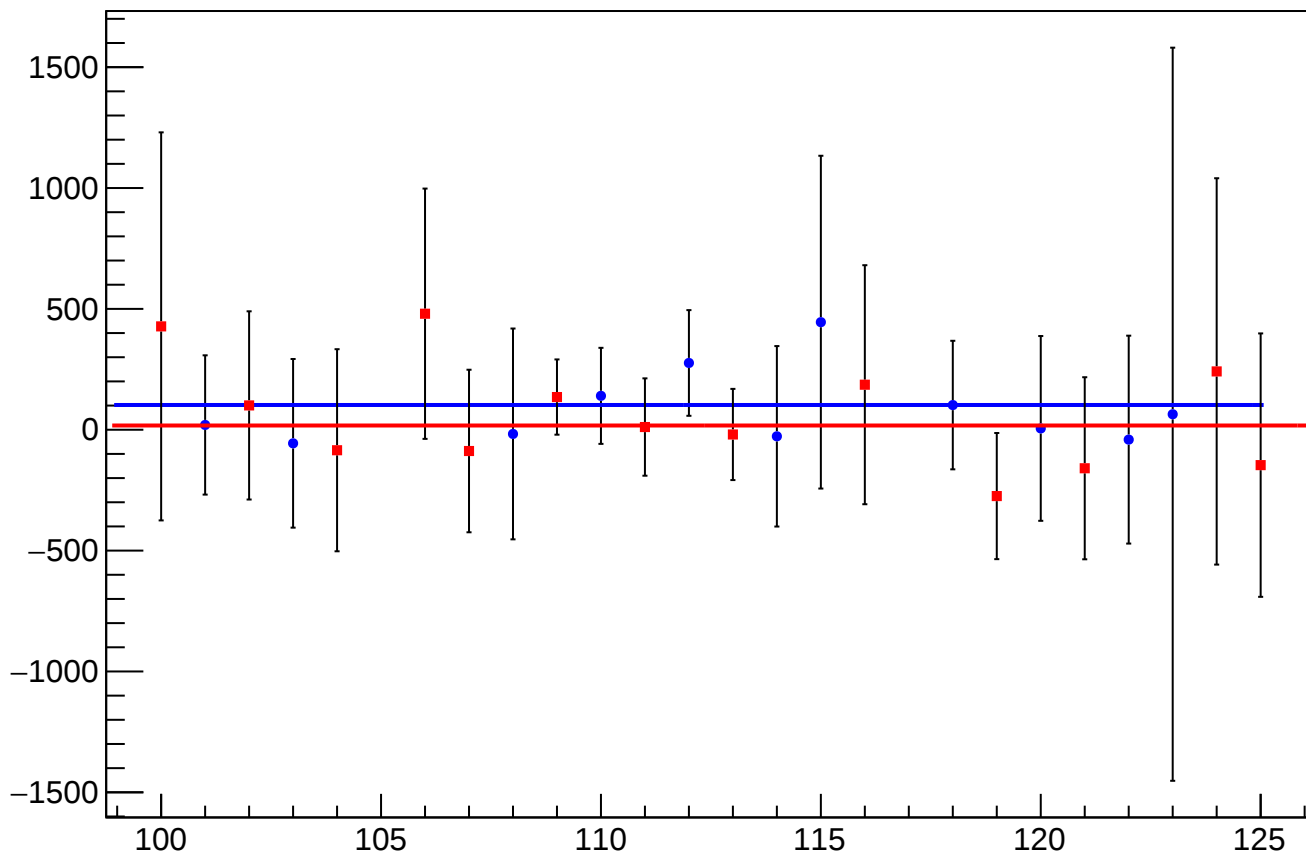
Right: 22.828 $\pm$ 0.006 χ^2 /NDF: 20443.4/23

In: 22.858 $\pm$ 0.008 χ^2 /NDF:9992.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 22.828 $\pm$ 0.006 χ^2 /NDF: 20443.4/23

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 102.440 $\pm$ 96.269 χ^2 /NDF: 1.6/10

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

Right Out: 17.564 $\pm$ 81.311 χ^2 /NDF: 3.6/12

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

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

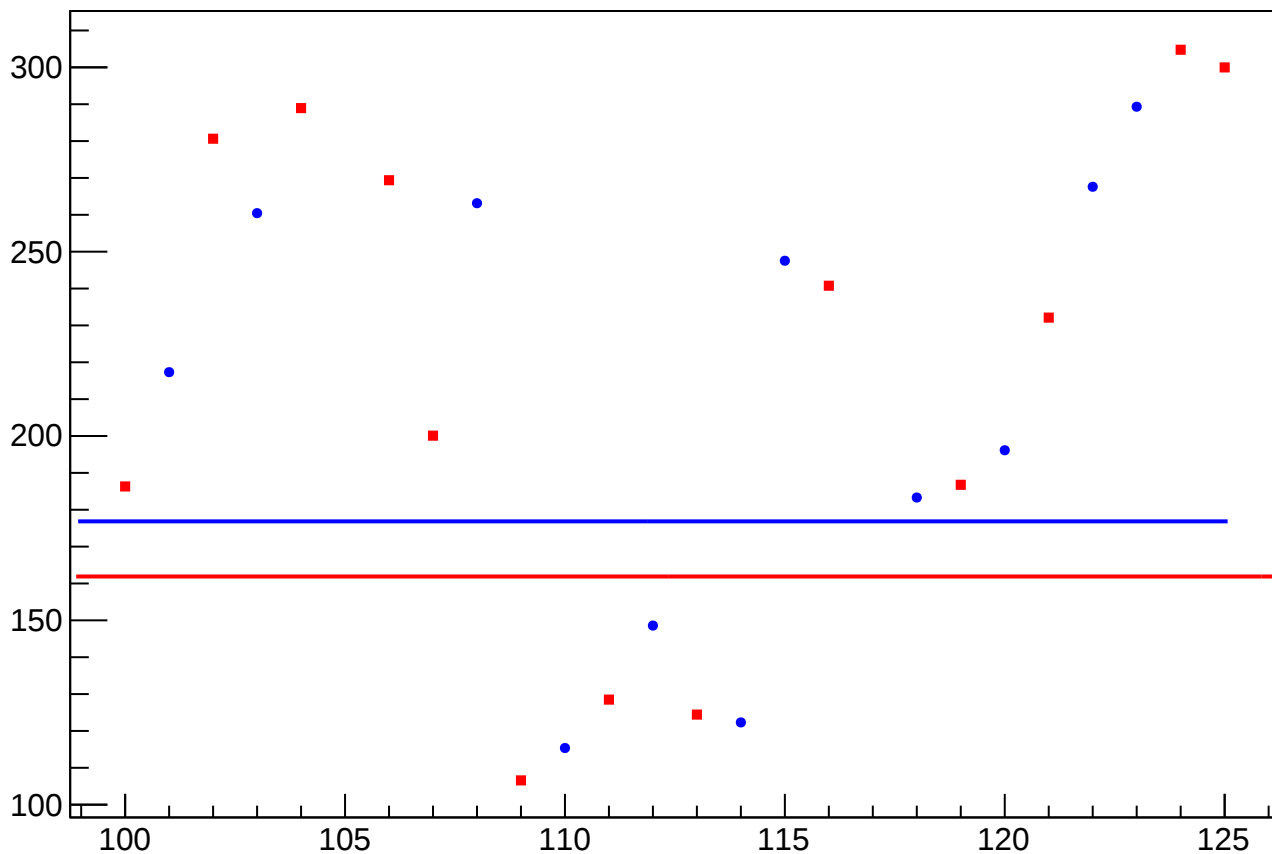
Right: 52.903 $\pm$ 62.119 χ^2 /NDF: 5.7/23

In: 102.440 $\pm$ 96.269 χ^2 /NDF: 1.6/10

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

All: 52.903 $\pm$ 62.119 χ^2 /NDF: 5.7/23

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 176.848 $\pm$ 0.068 χ^2 /NDF: 627781.8/10

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

Right Out: 161.895 $\pm$ 0.057 χ^2 /NDF: 1201996.7/12

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

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

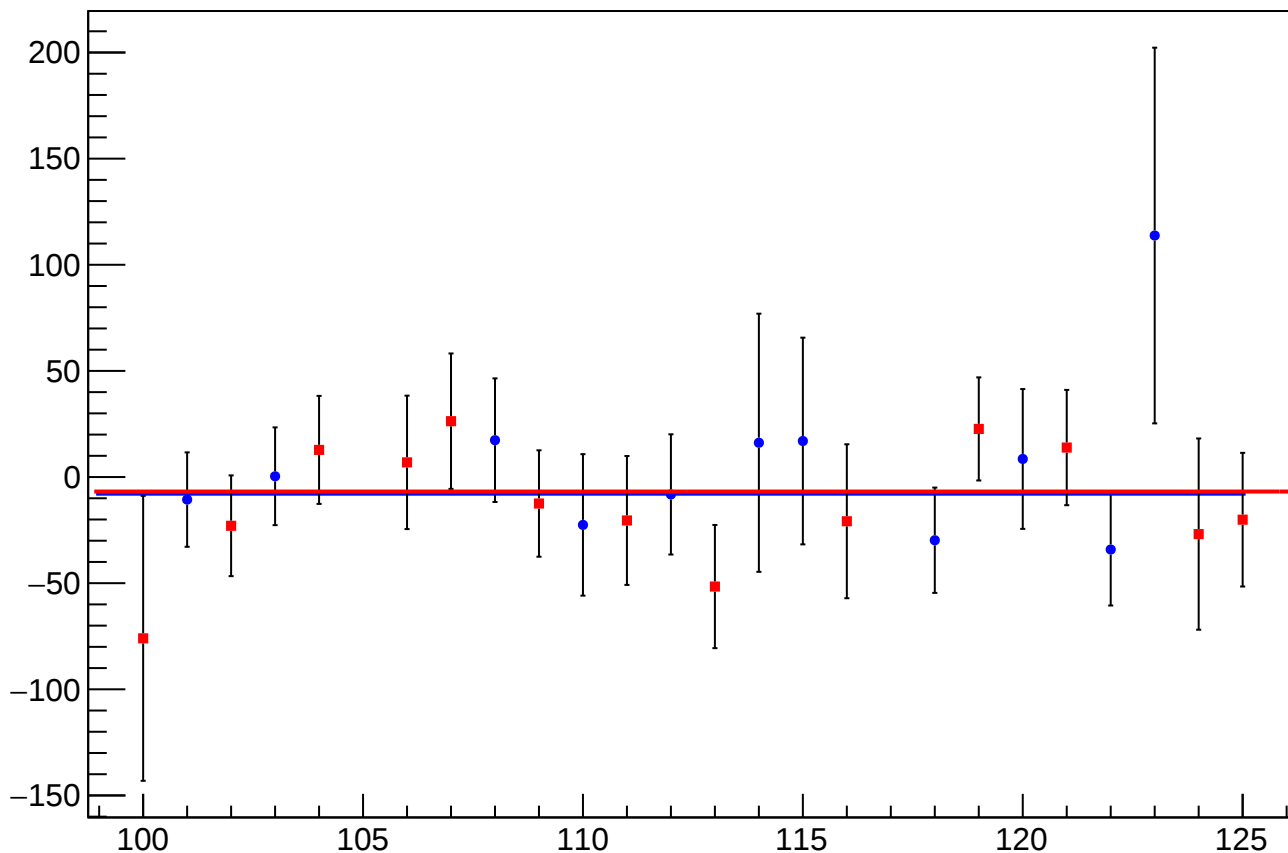
Right: 168.121 $\pm$ 0.044 χ^2 /NDF: 1857941.6/23

In: 176.848 $\pm$ 0.068 χ^2 /NDF:627781.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 168.121 $\pm$ 0.044 χ^2 /NDF: 1857941.6/23

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.837+/-9.114 χ^2/NDF : 5.4/10

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

Right Out: -6.826+/-8.244 χ^2/NDF : 8.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

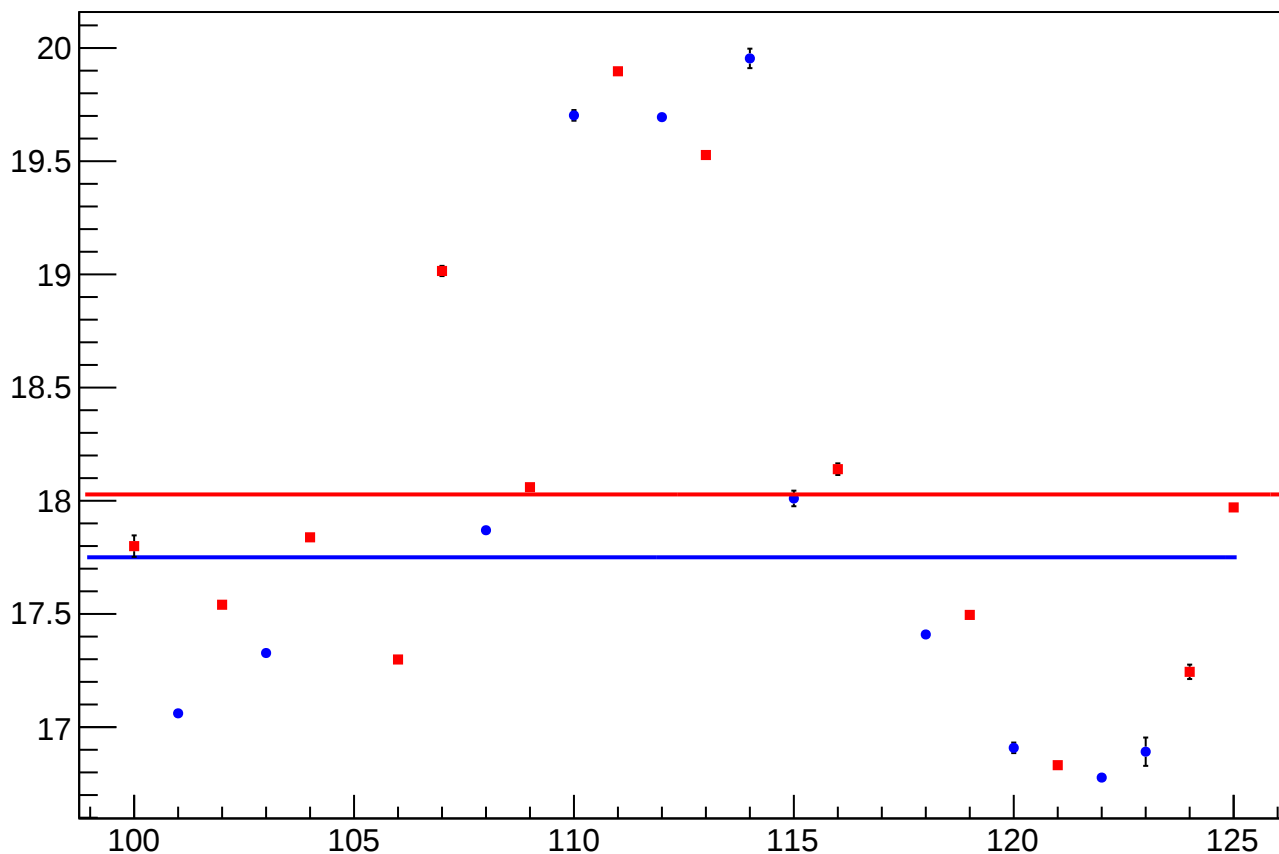
Right: -7.281+/-6.114 χ^2/NDF : 14.0/23

In: -7.837+/-9.114 χ^2/NDF : 5.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.281+/-6.114 χ^2/NDF : 14.0/23

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.750+/-0.006 χ^2/NDF : 26195.0/10

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

Right Out: 18.028+/-0.006 χ^2/NDF : 22363.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

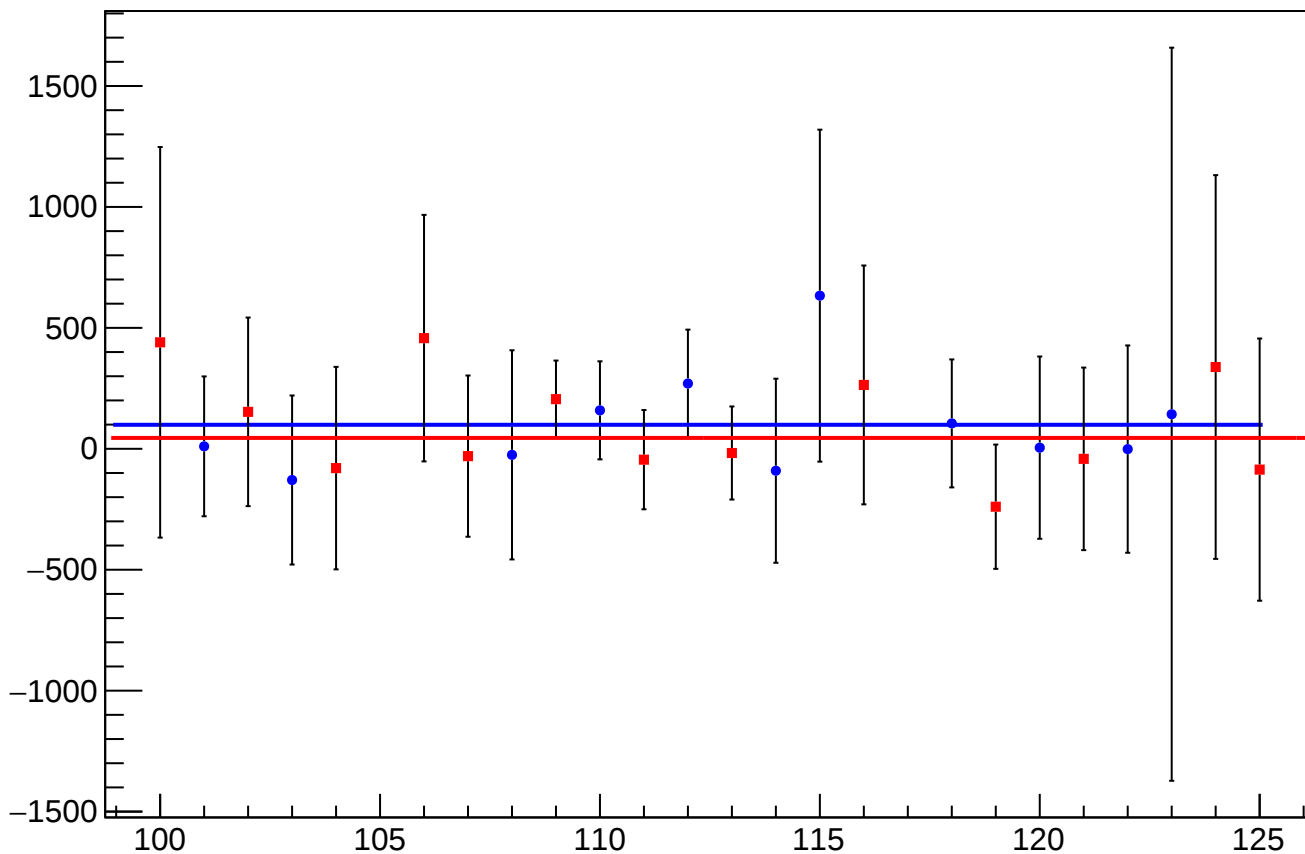
Right: 17.903+/-0.004 χ^2/NDF : 49579.7/23

In: 17.750+/-0.006 χ^2/NDF : 26195.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.903+/-0.004 χ^2/NDF : 49579.7/23

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 99.263+/-97.028 χ^2/NDF : 2.3/10

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

Right Out: 44.992+/-82.193 χ^2/NDF : 4.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

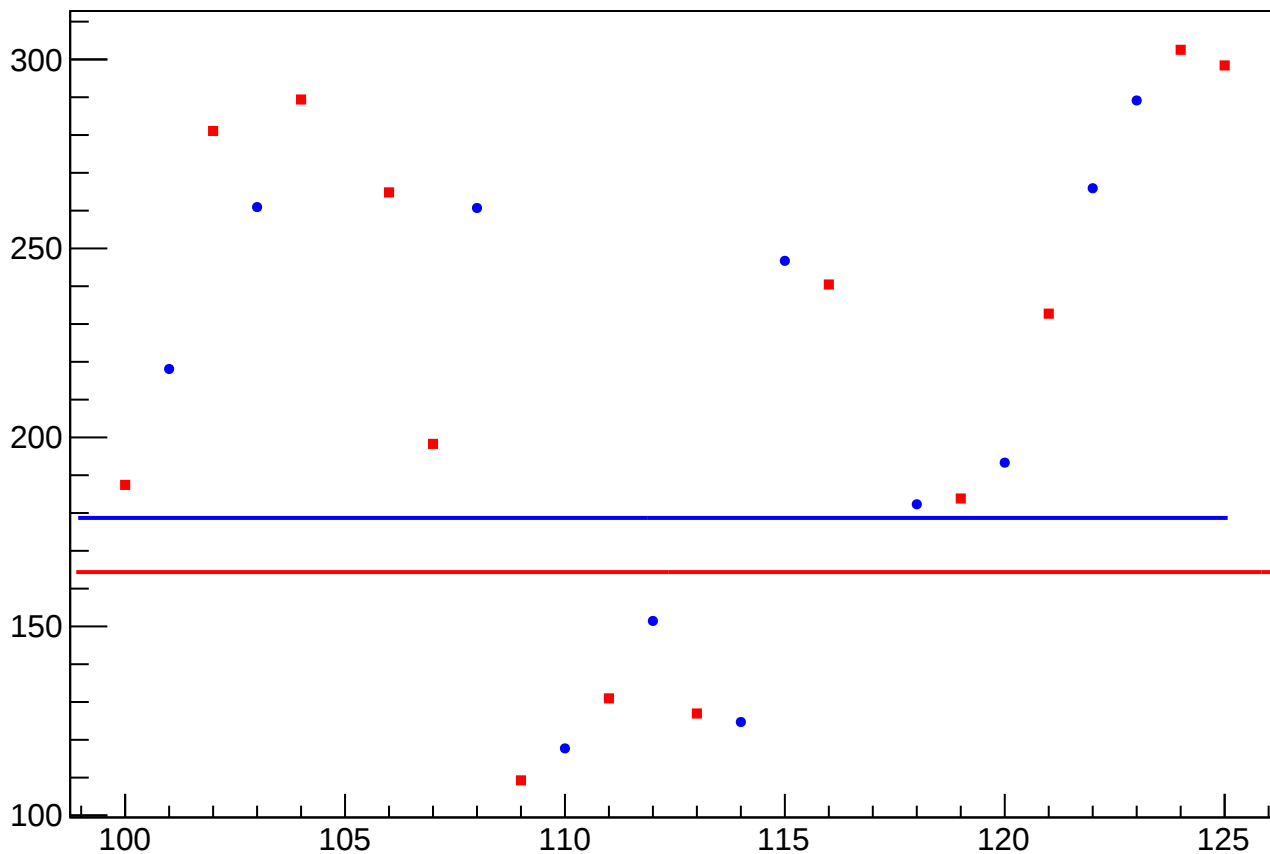
Right: 67.666+/-62.716 χ^2/NDF : 6.5/23

In: 99.263+/-97.028 χ^2/NDF : 2.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.666+/-62.716 χ^2/NDF : 6.5/23

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 178.703+/-0.069 χ^2/NDF : 587439.2/10

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

Right Out: 164.378+/-0.058 χ^2/NDF : 1132685.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

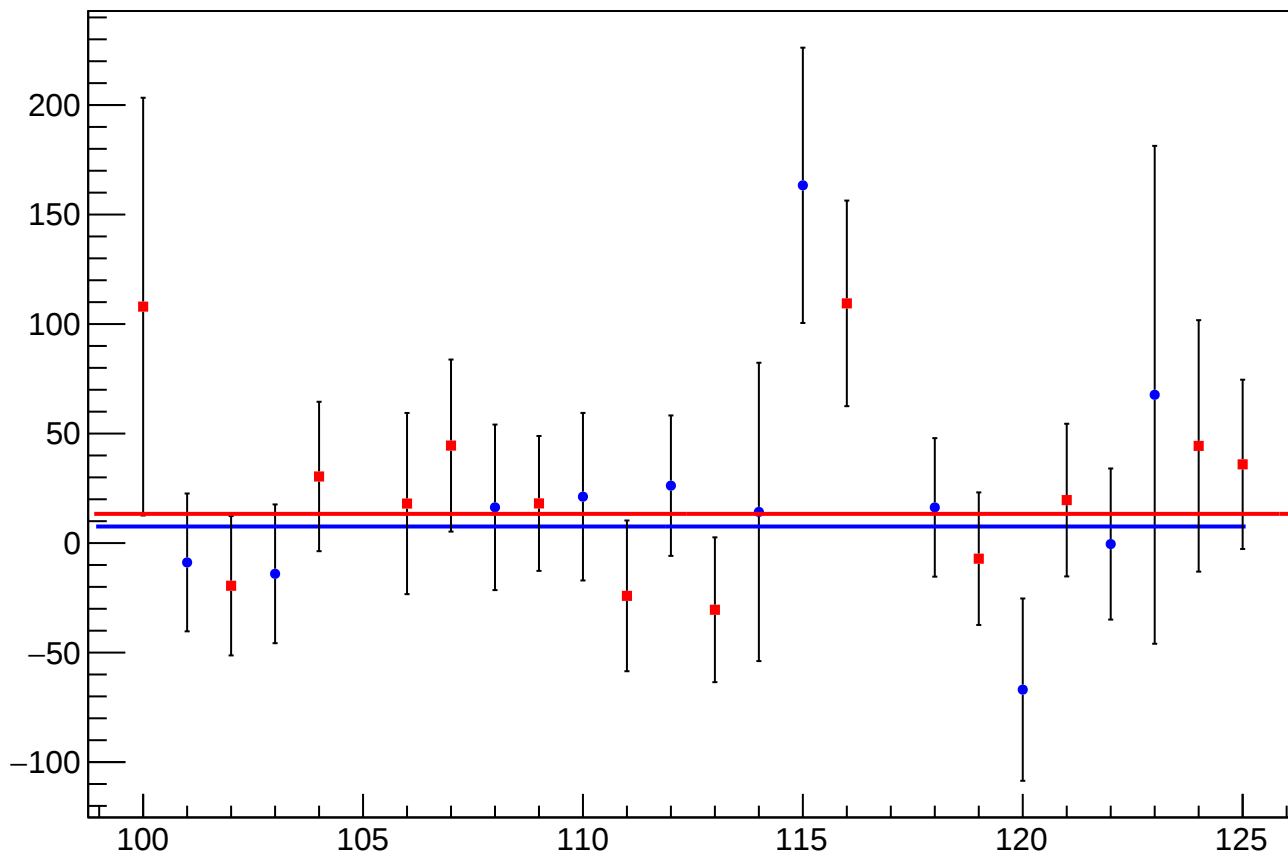
Right: 170.363+/-0.044 χ^2/NDF : 1745506.0/23

In: 178.703+/-0.069 χ^2/NDF : 587439.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.363+/-0.044 χ^2/NDF : 1745506.0/23

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 7.570+/-11.682 χ^2/NDF : 11.0/10

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

Right Out: 13.336+/-10.344 χ^2/NDF : 11.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

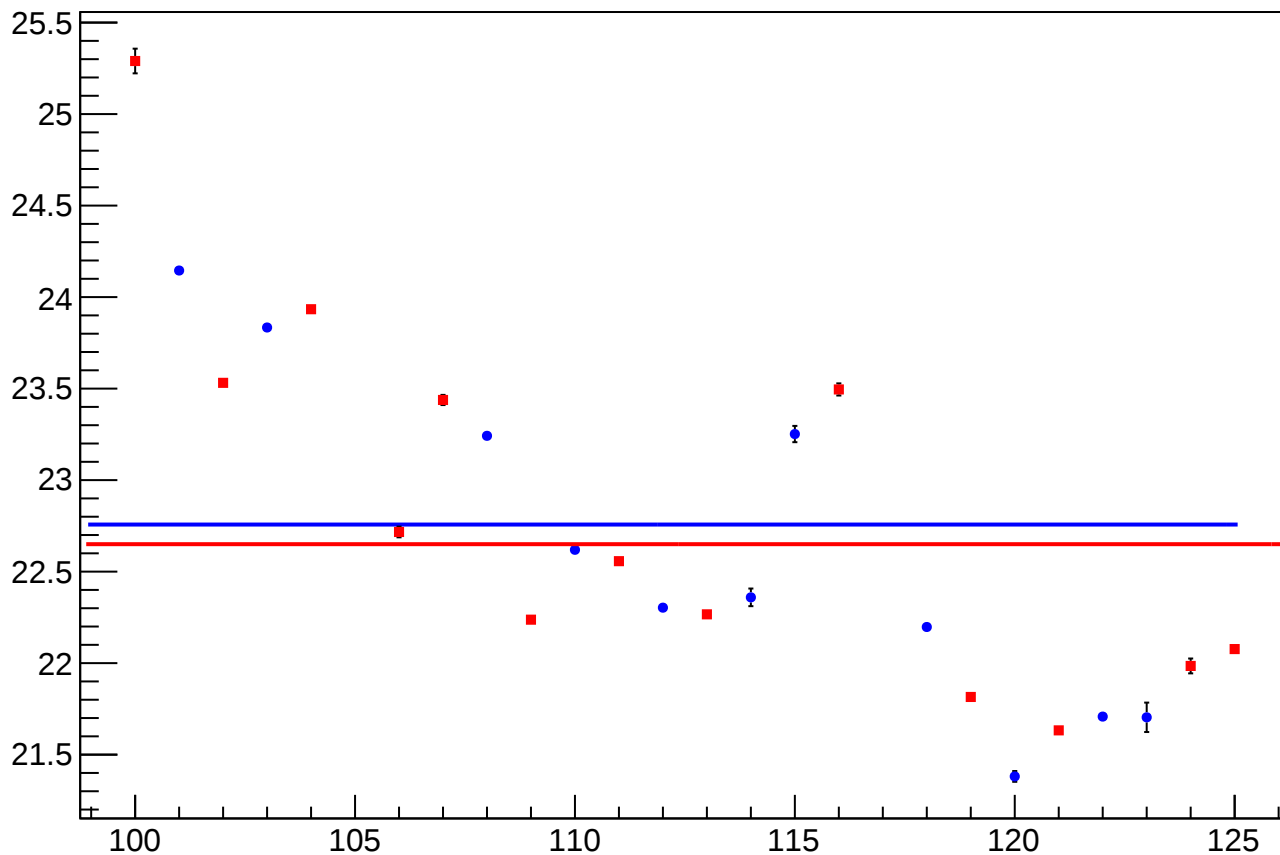
Right: 10.802+/-7.744 χ^2/NDF : 22.4/23

In: 7.570+/-11.682 χ^2/NDF : 11.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.802+/-7.744 χ^2/NDF : 22.4/23

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.757+/-0.008 χ^2/NDF : 11987.1/10

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

Right Out: 22.650+/-0.007 χ^2/NDF : 11938.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

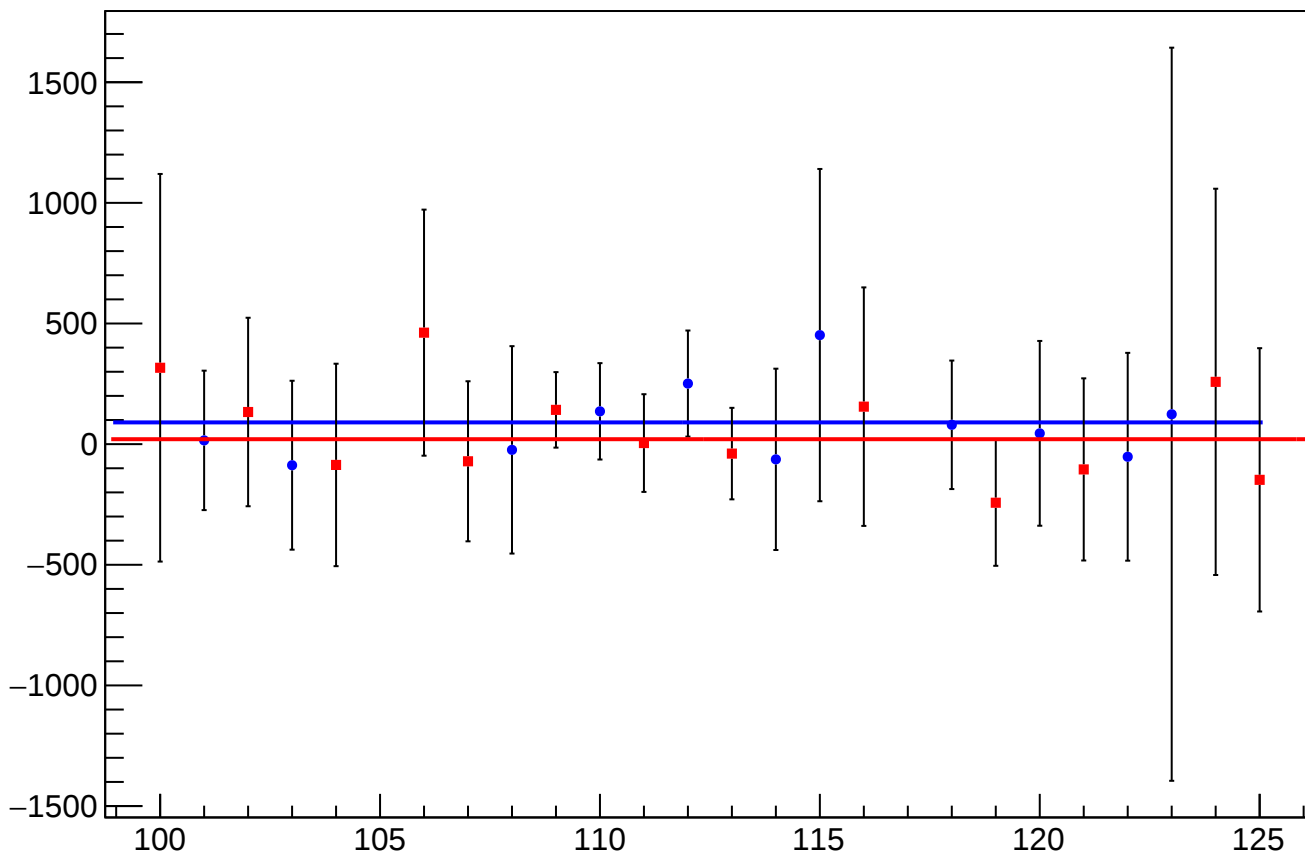
Right: 22.697+/-0.005 χ^2/NDF : 24019.9/23

In: 22.757+/-0.008 χ^2/NDF : 11987.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.697+/-0.005 χ^2/NDF : 24019.9/23

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 90.111+/-96.557 χ^2/NDF : 1.6/10

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

Right Out: 20.471+/-81.537 χ^2/NDF : 3.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

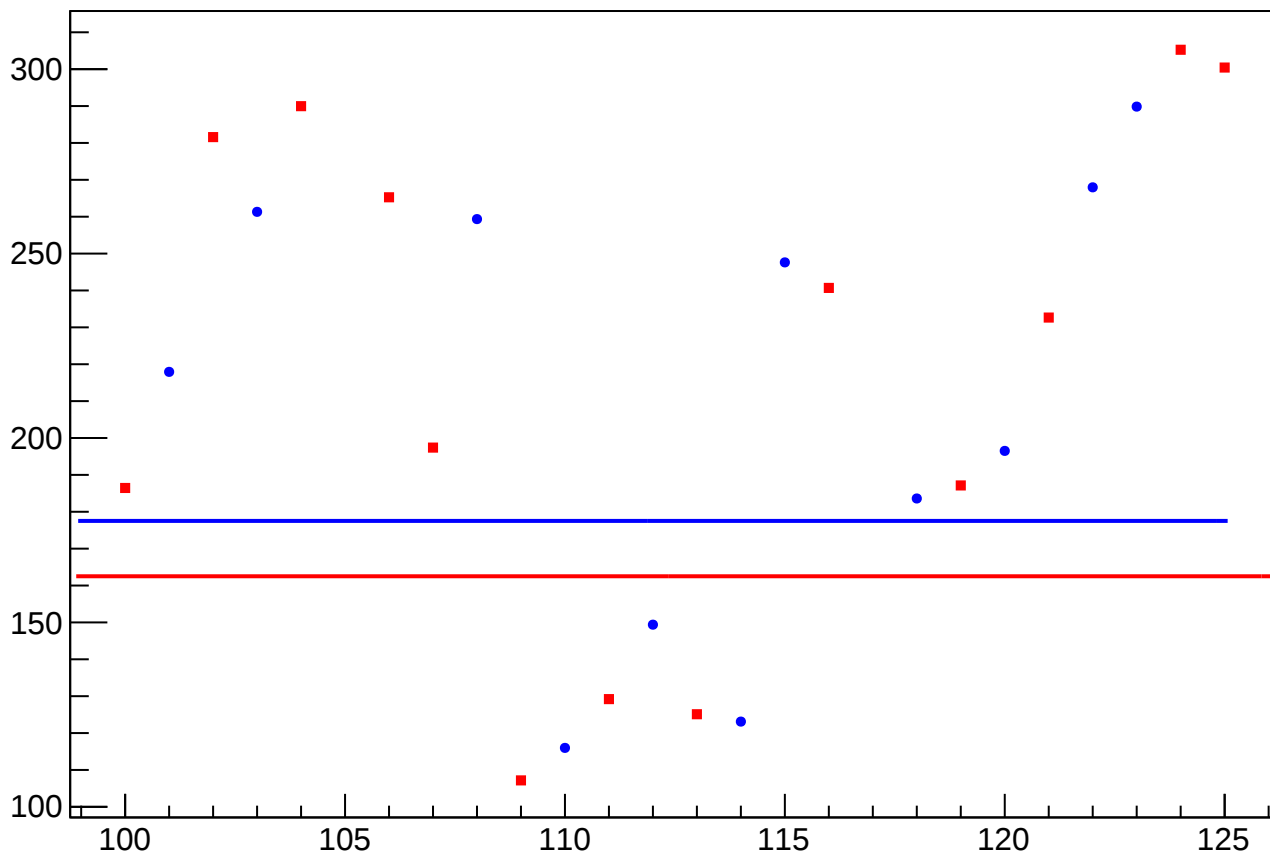
Right: 49.459+/-62.297 χ^2/NDF : 5.1/23

In: 90.111+/-96.557 χ^2/NDF :1.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 49.459+/-62.297 χ^2/NDF : 5.1/23

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 177.522+/-0.068 χ^2/NDF : 616657.9/10

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

Right Out: 162.512+/-0.058 χ^2/NDF : 1185824.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

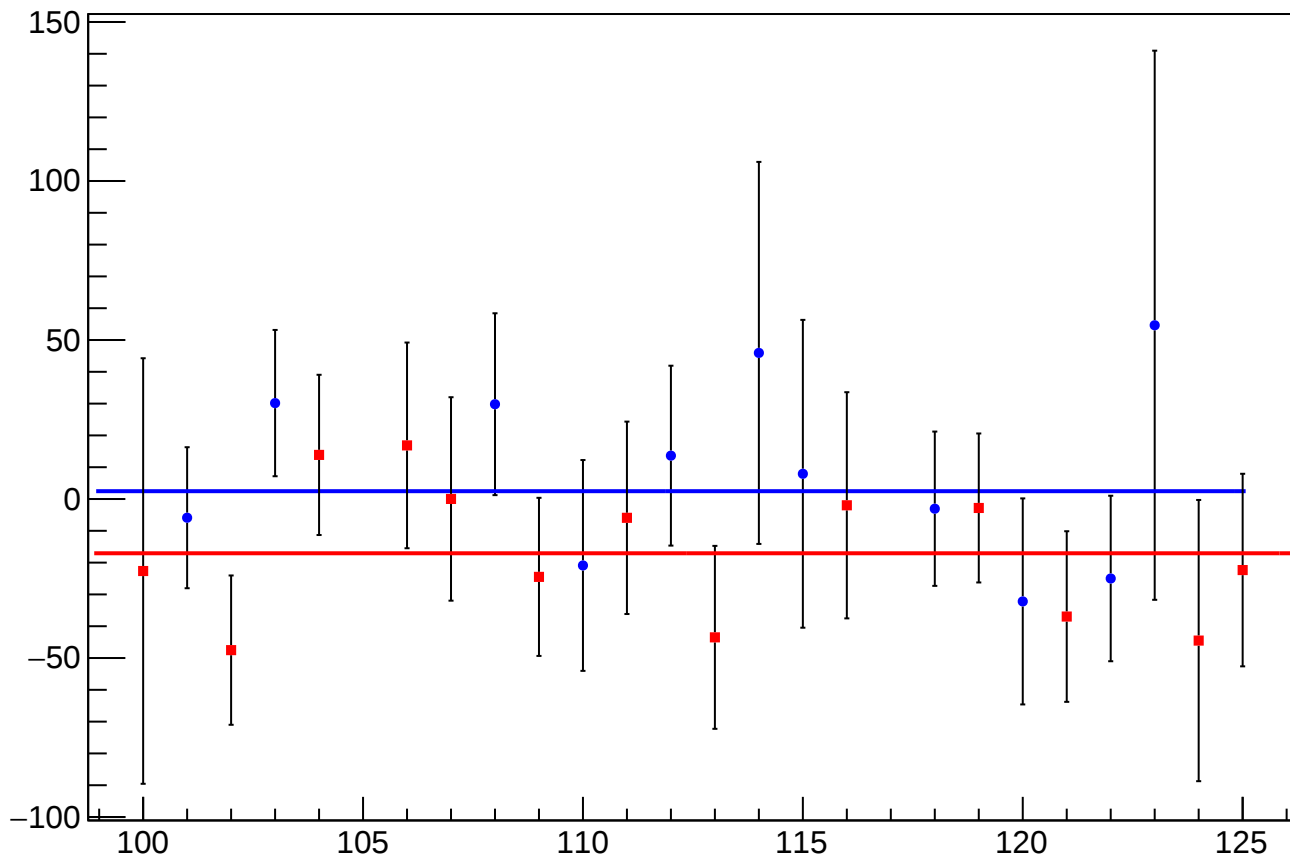
Right: 168.760+/-0.044 χ^2/NDF : 1830694.8/23

In: 177.522+/-0.068 χ^2/NDF : 616657.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.760+/-0.044 χ^2/NDF : 1830694.8/23

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 2.463+/-9.026 χ^2/NDF : 6.4/10

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

Right Out: -17.060+/-8.145 χ^2/NDF : 7.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

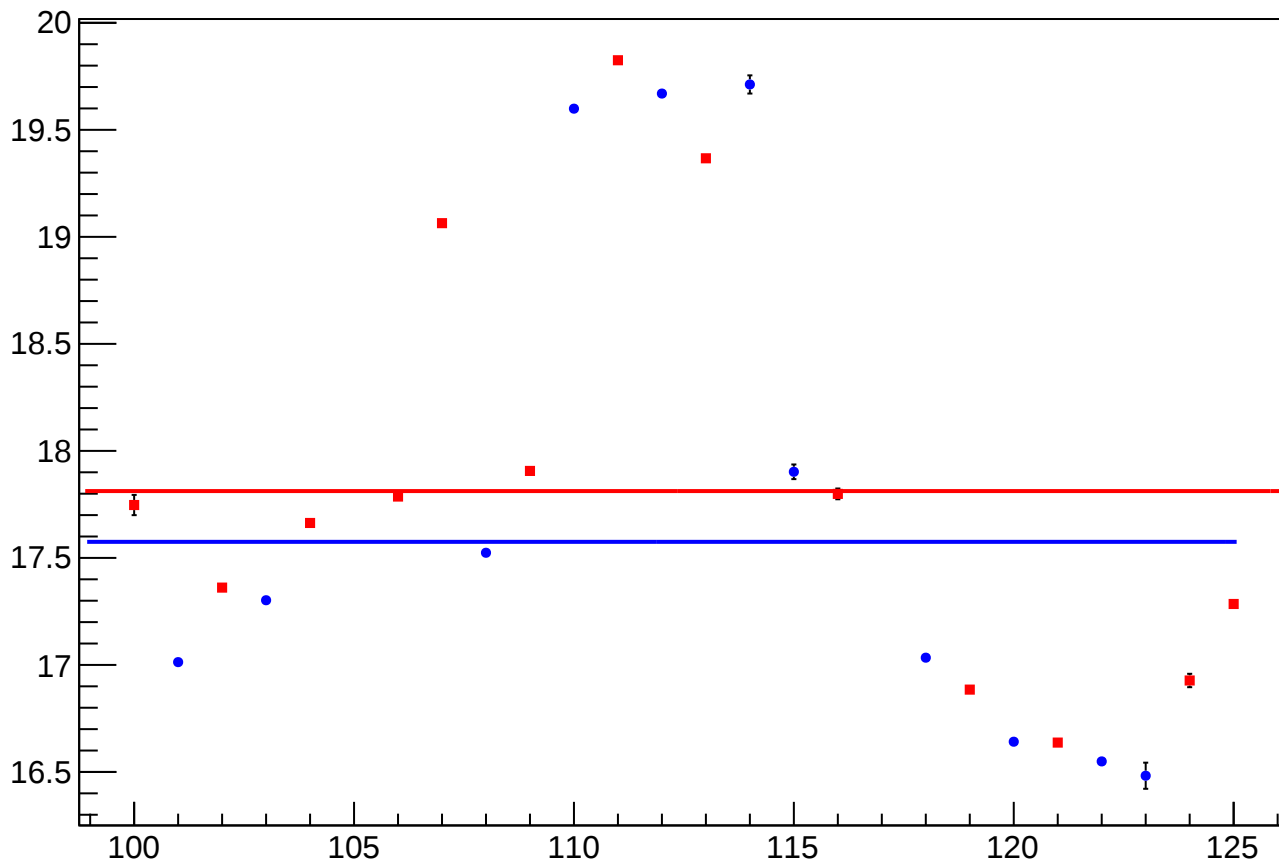
Right: -8.297+/-6.047 χ^2/NDF : 16.1/23

In: 2.463+/-9.026 χ^2/NDF : 6.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.297+/-6.047 χ^2/NDF : 16.1/23

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.575+/-0.006 χ^2/NDF : 28704.0/10

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

Right Out: 17.812+/-0.006 χ^2/NDF : 26983.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

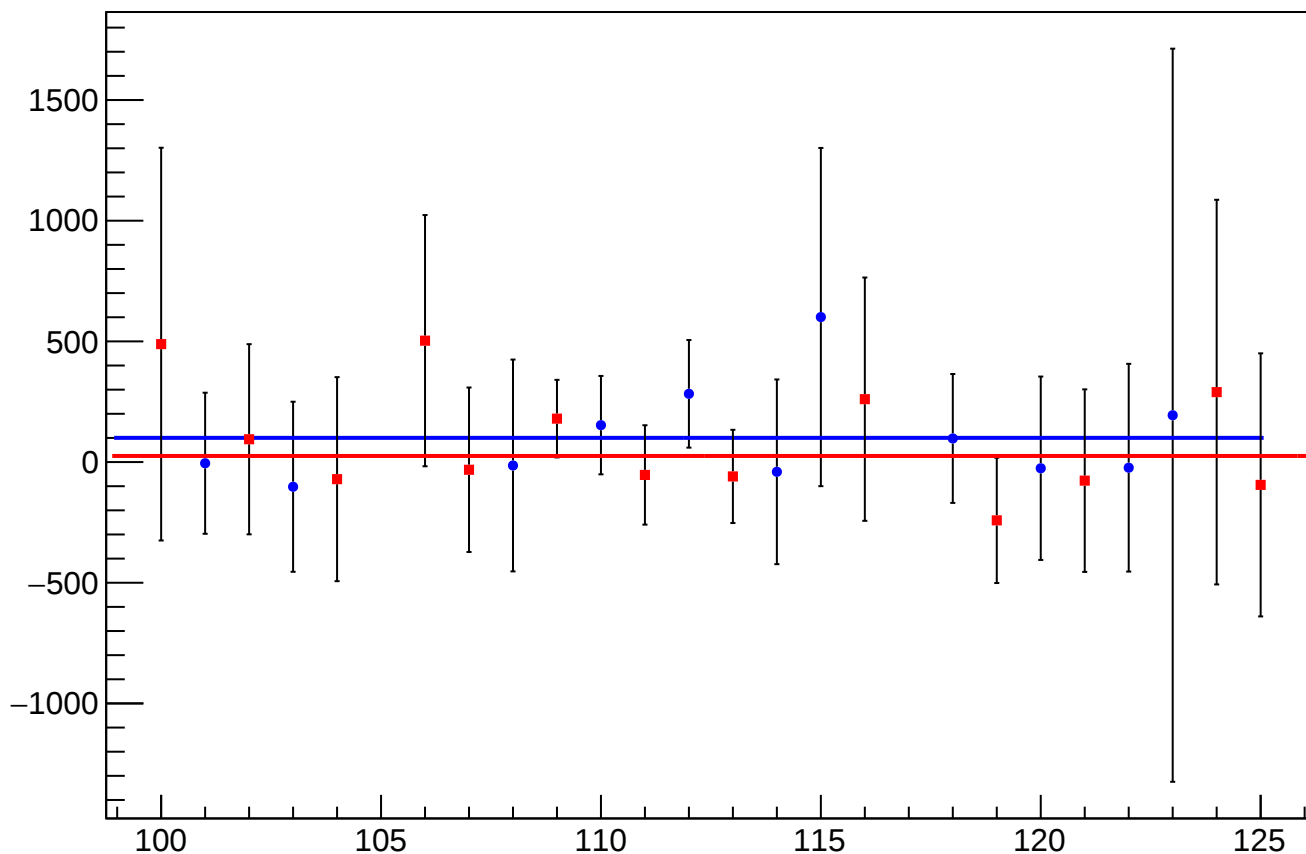
Right: 17.706+/-0.004 χ^2/NDF : 56448.8/23

In: 17.575+/-0.006 χ^2/NDF : 28704.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.706+/-0.004 χ^2/NDF : 56448.8/23

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 100.336 $\pm$ 97.685 χ^2 /NDF: 2.1/10

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

Right Out: 25.327 $\pm$ 82.852 χ^2 /NDF: 4.0/12

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

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

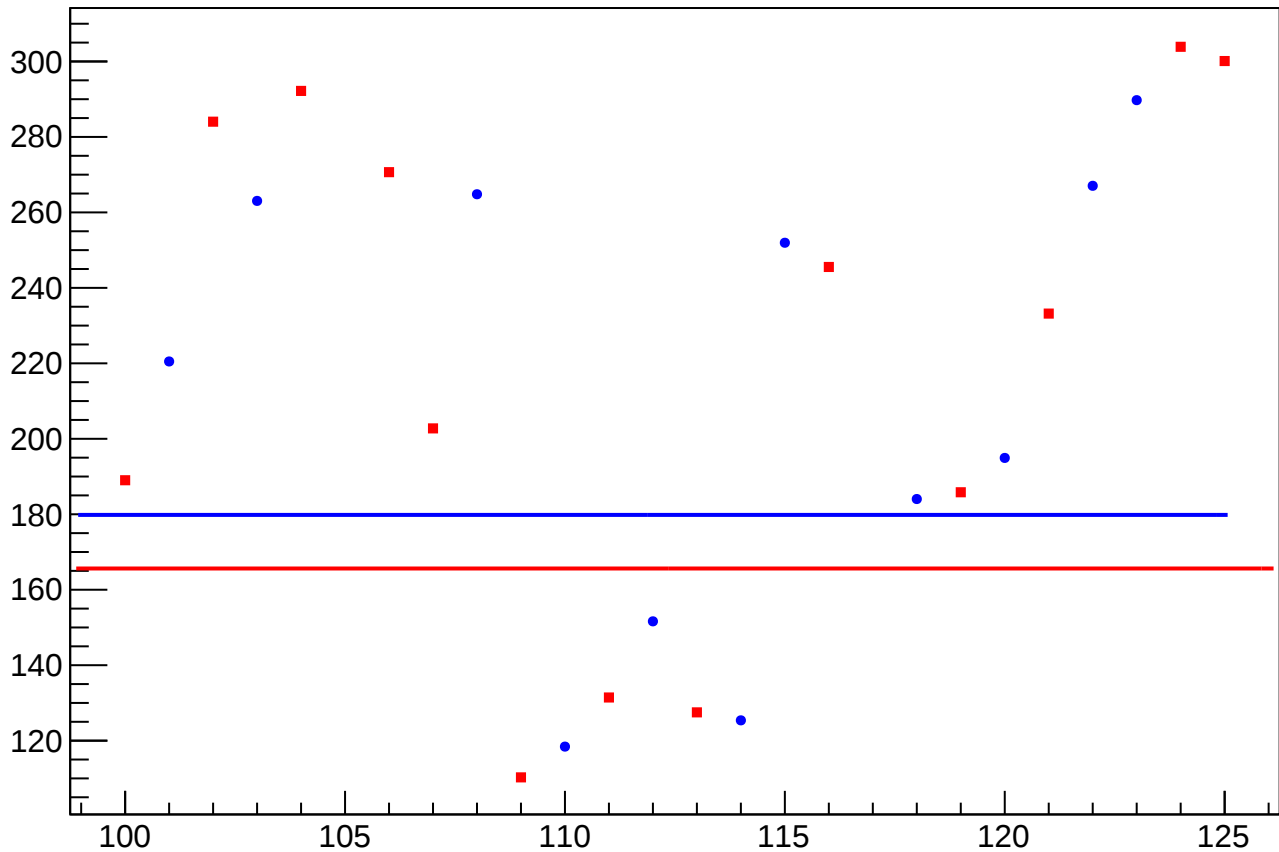
Right: 56.710 $\pm$ 63.185 χ^2 /NDF: 6.5/23

In: 100.336 $\pm$ 97.685 χ^2 /NDF:2.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 56.710 $\pm$ 63.185 χ^2 /NDF: 6.5/23

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 179.831+/-0.069 χ^2/NDF : 596805.2/10

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

Right Out: 165.628+/-0.059 χ^2/NDF : 1145458.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

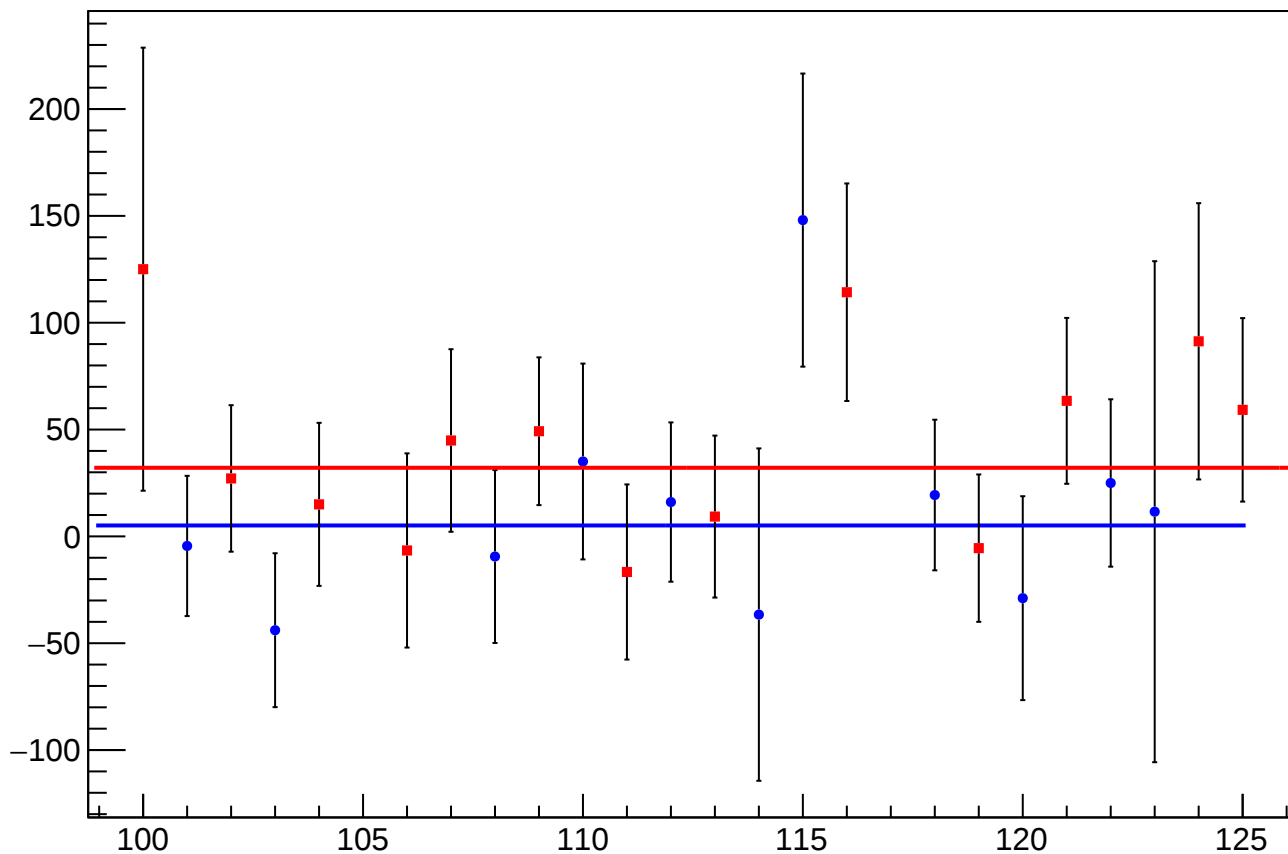
Right: 171.570+/-0.045 χ^2/NDF : 1766853.9/23

In: 179.831+/-0.069 χ^2/NDF : 596805.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.570+/-0.045 χ^2/NDF : 1766853.9/23

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 5.111+/-13.071 χ^2 /NDF: 8.1/10

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

Right Out: 32.111+/-11.576 χ^2 /NDF: 9.5/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

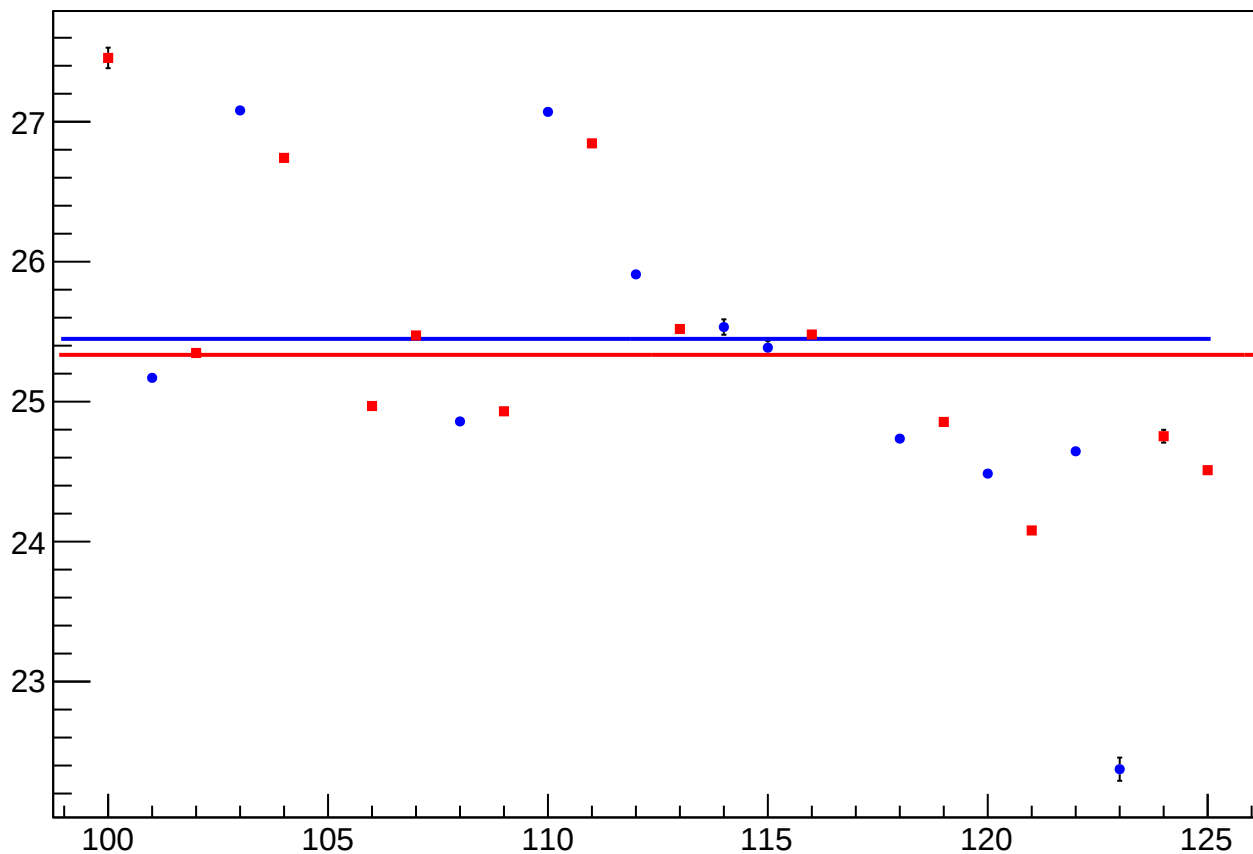
Right: 20.243+/-8.666 χ^2 /NDF: 20.1/23

In: 5.111+/-13.071 χ^2 /NDF:8.1/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 20.243+/-8.666 χ^2 /NDF: 20.1/23

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.449+/-0.009 χ^2/NDF : 11341.2/10

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

Right Out: 25.334+/-0.008 χ^2/NDF : 10137.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

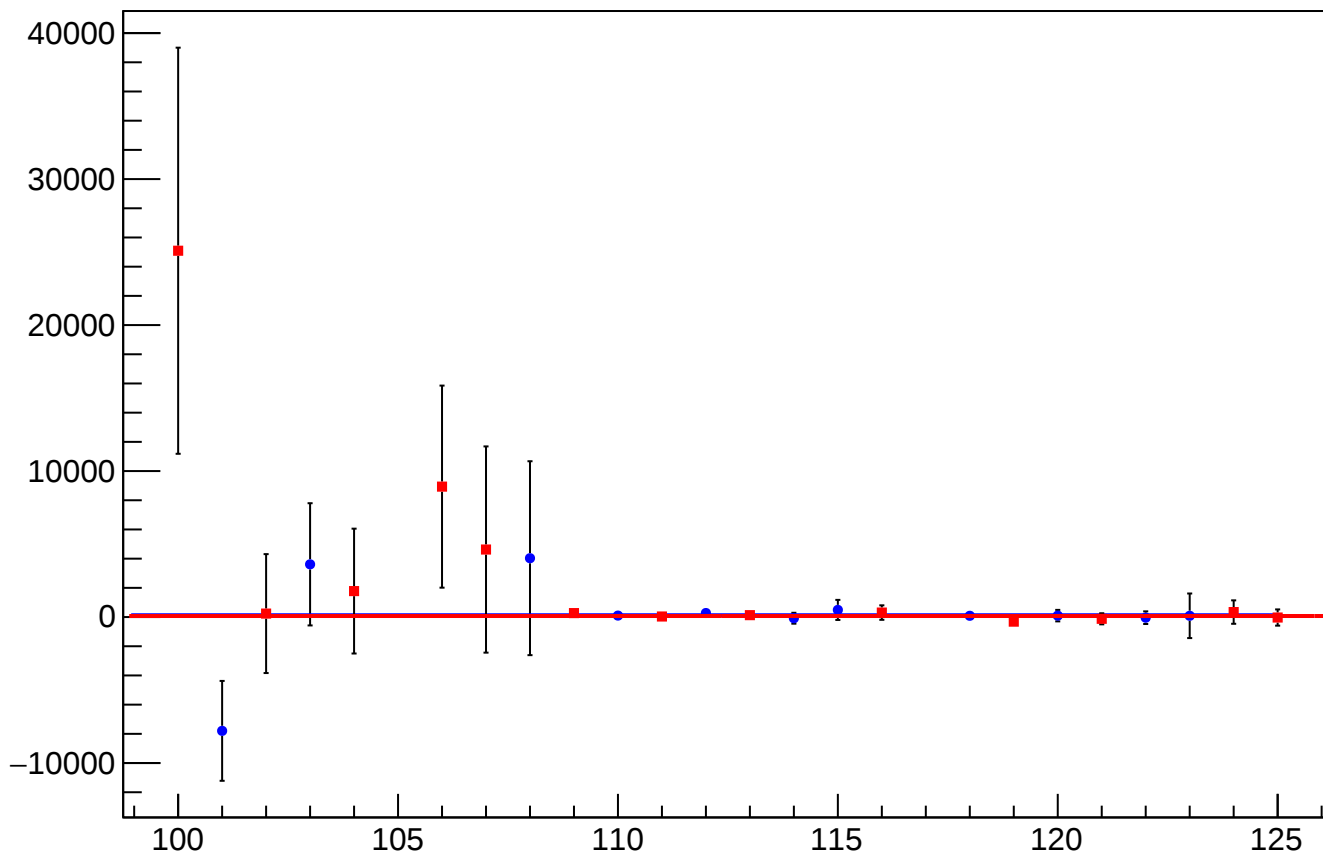
Right: 25.385+/-0.006 χ^2/NDF : 21564.2/23

In: 25.449+/-0.009 χ^2/NDF : 11341.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.385+/-0.006 χ^2/NDF : 21564.2/23

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 122.724+/-111.111 χ^2/NDF : 7.7/10

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

Right Out: 71.532+/-98.310 χ^2/NDF : 9.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

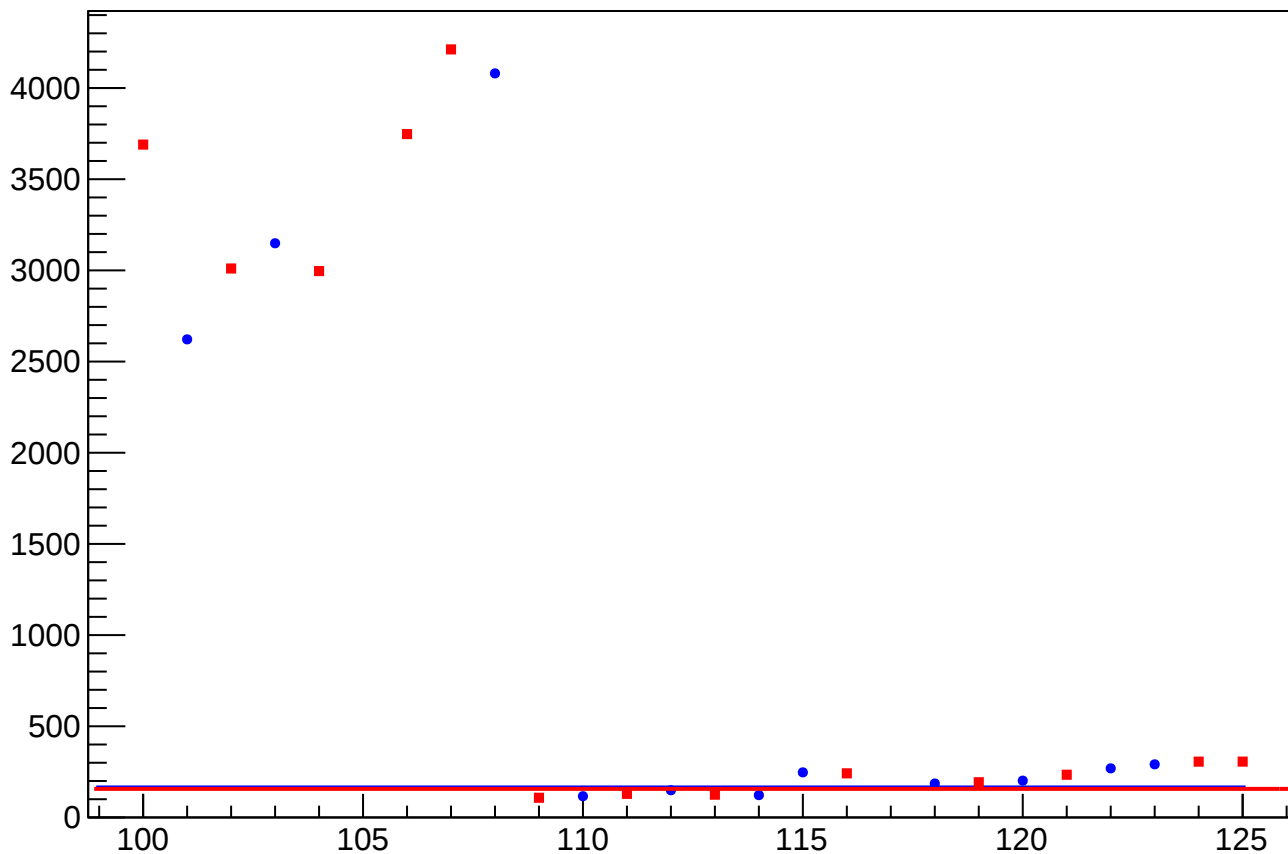
Right: 94.010+/-73.628 χ^2/NDF : 16.9/23

In: 122.724+/-111.111 χ^2/NDF : 7.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.010+/-73.628 χ^2/NDF : 16.9/23

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 164.359+/-0.079 χ^2/NDF : 3084201.1/10

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

Right Out: 156.698+/-0.070 χ^2/NDF : 3777887.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

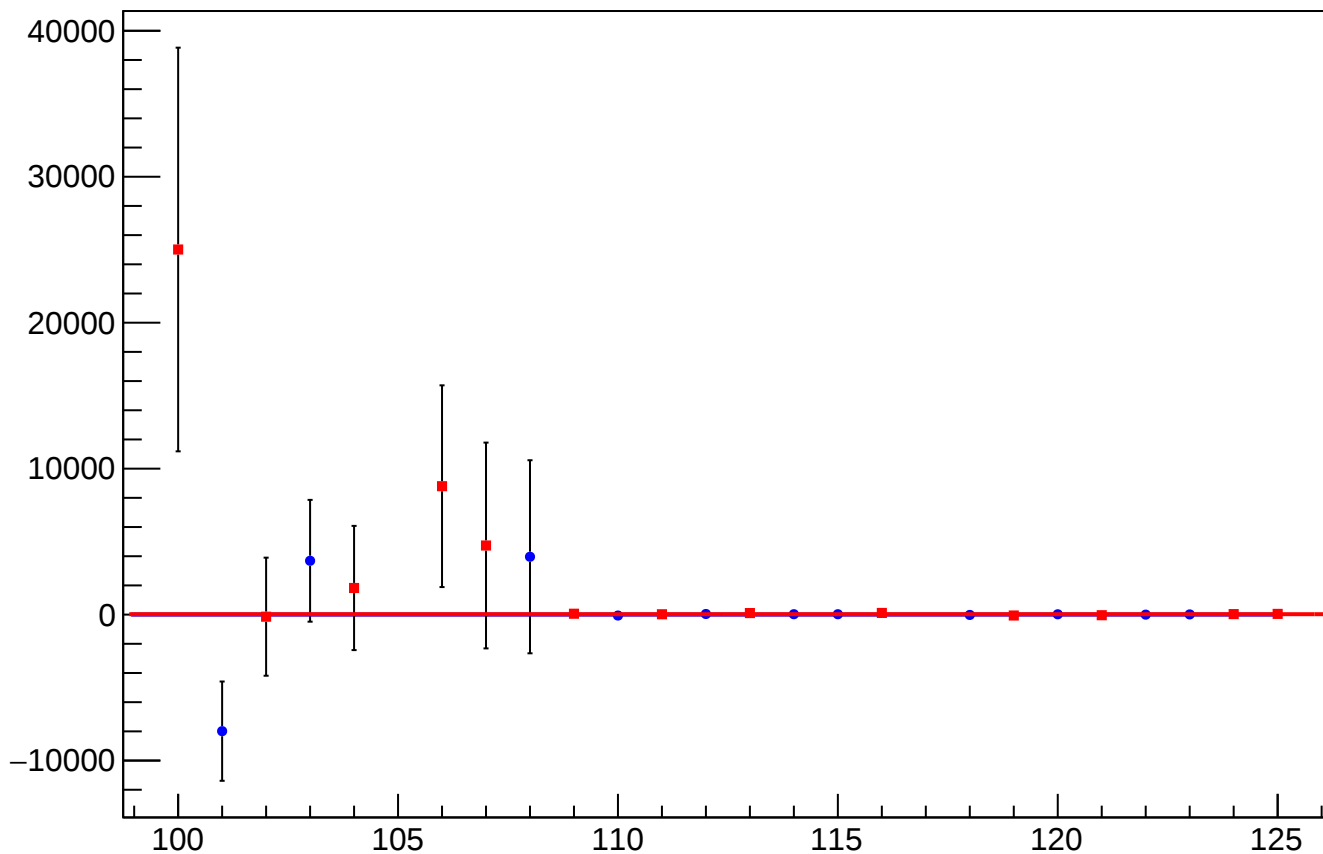
Right: 160.062+/-0.052 χ^2/NDF : 6867422.4/23

In: 164.359+/-0.079 χ^2/NDF : 3084201.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.062+/-0.052 χ^2/NDF : 6867422.4/23

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -0.651+/-18.203 χ^2/NDF : 10.5/10

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

Right Out: 28.301+/-16.592 χ^2/NDF : 19.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

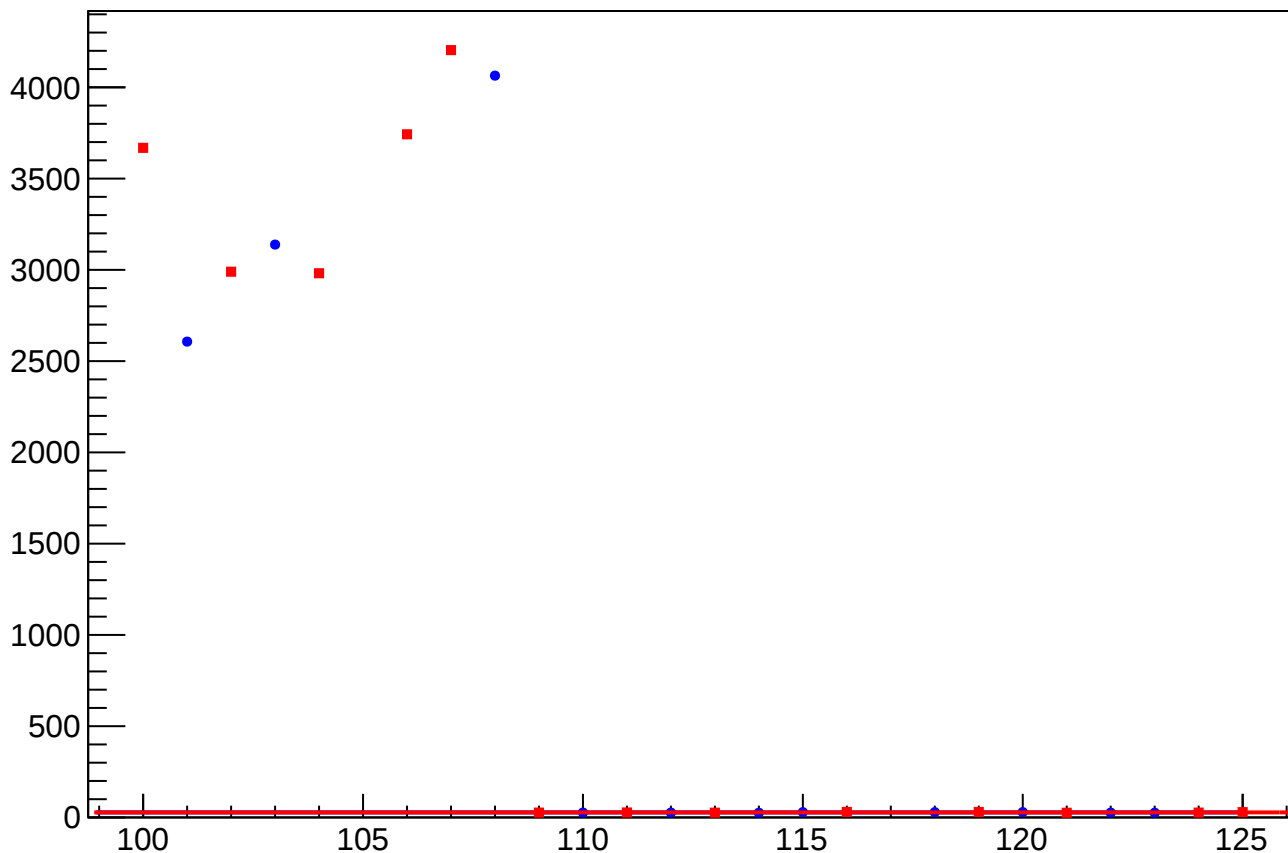
Right: 15.162+/-12.262 χ^2/NDF : 31.4/23

In: -0.651+/-18.203 χ^2/NDF : 10.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.162+/-12.262 χ^2/NDF : 31.4/23

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.579+/-0.013 χ^2/NDF : 3016895.5/10

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

Right Out: 27.692+/-0.012 χ^2/NDF : 3475520.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

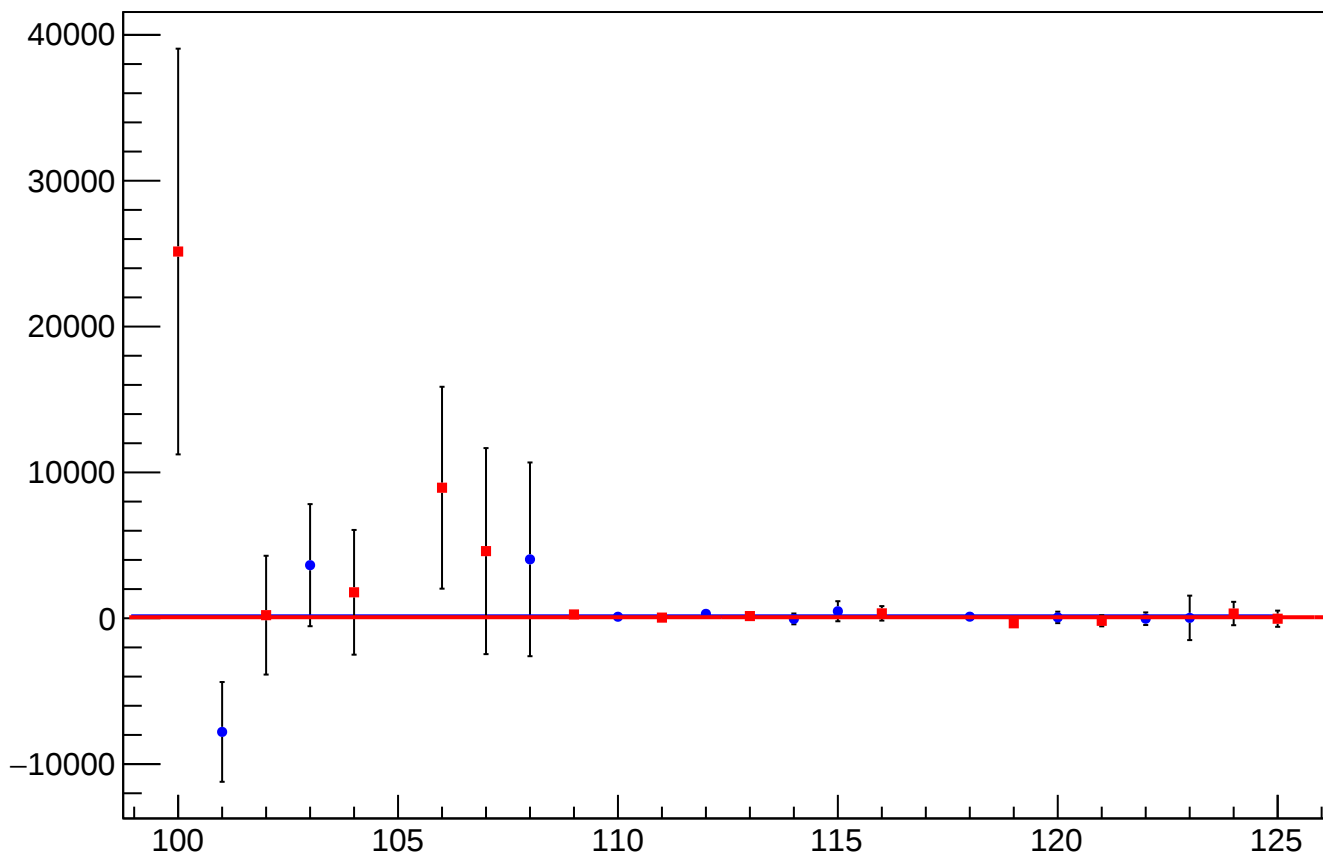
Right: 27.641+/-0.009 χ^2/NDF : 6492458.8/23

In: 27.579+/-0.013 χ^2/NDF : 3016895.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.641+/-0.009 χ^2/NDF : 6492458.8/23

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 134.510+/-110.658 χ^2/NDF : 7.7/10

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

Right Out: 69.858+/-97.882 χ^2/NDF : 9.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

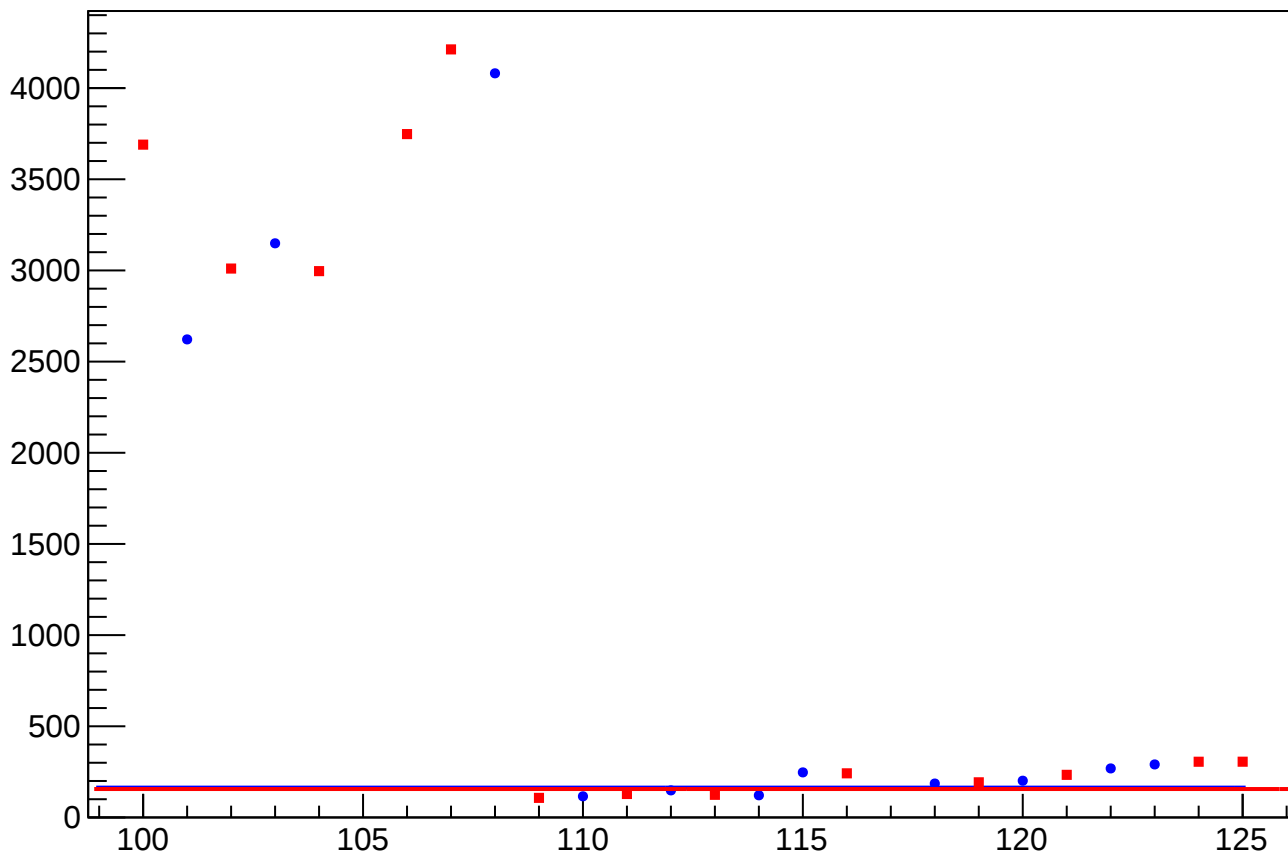
Right: 98.238+/-73.316 χ^2/NDF : 17.6/23

In: 134.510+/-110.658 χ^2/NDF : 7.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.238+/-73.316 χ^2/NDF : 17.6/23

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 163.588+/-0.078 χ^2/NDF : 3089594.8/10

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

Right Out: 155.901+/-0.069 χ^2/NDF : 3784902.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

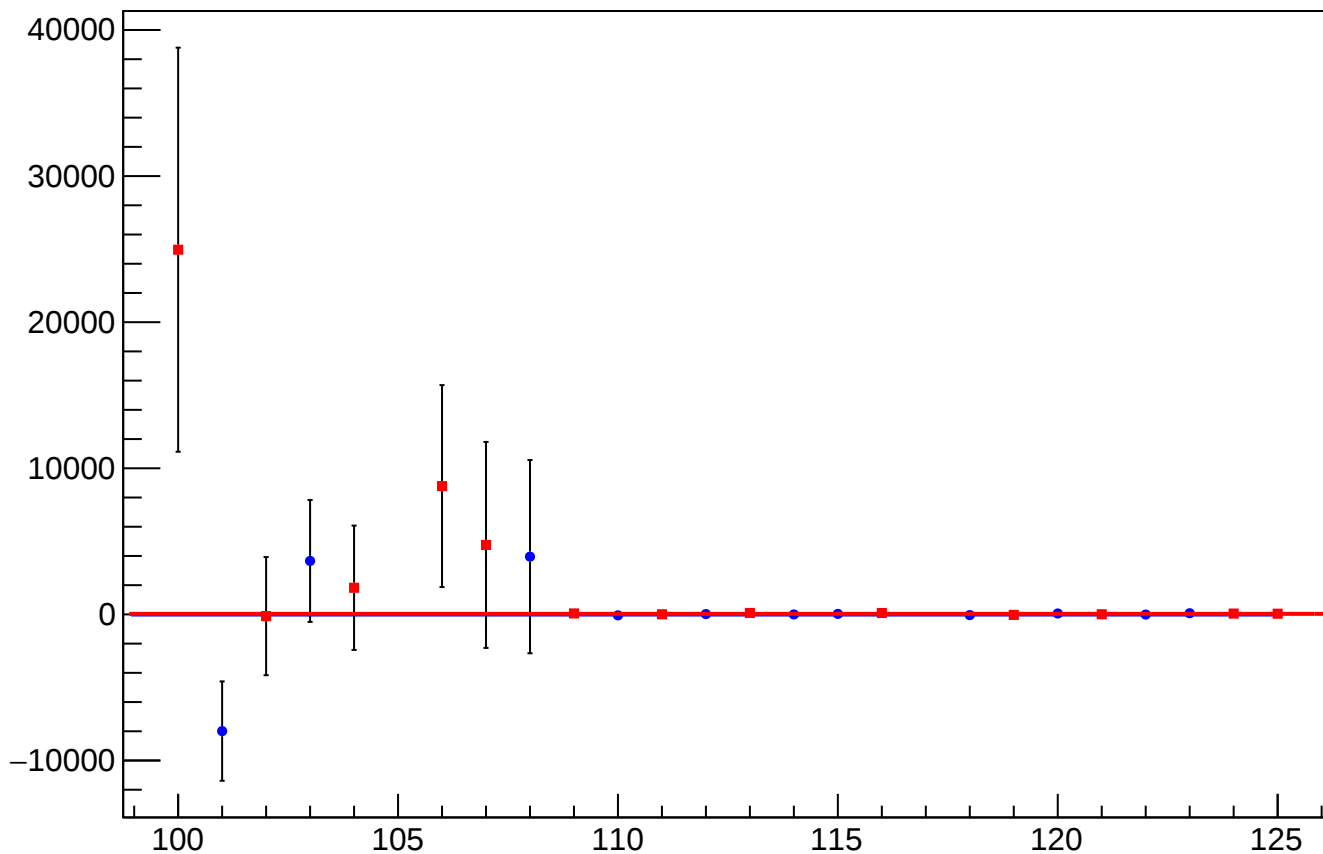
Right: 159.275+/-0.052 χ^2/NDF : 6879912.6/23

In: 163.588+/-0.078 χ^2/NDF : 3089594.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.275+/-0.052 χ^2/NDF : 6879912.6/23

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -8.240+/-18.295 χ^2/NDF : 12.1/10

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

Right Out: 37.266+/-16.722 χ^2/NDF : 13.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

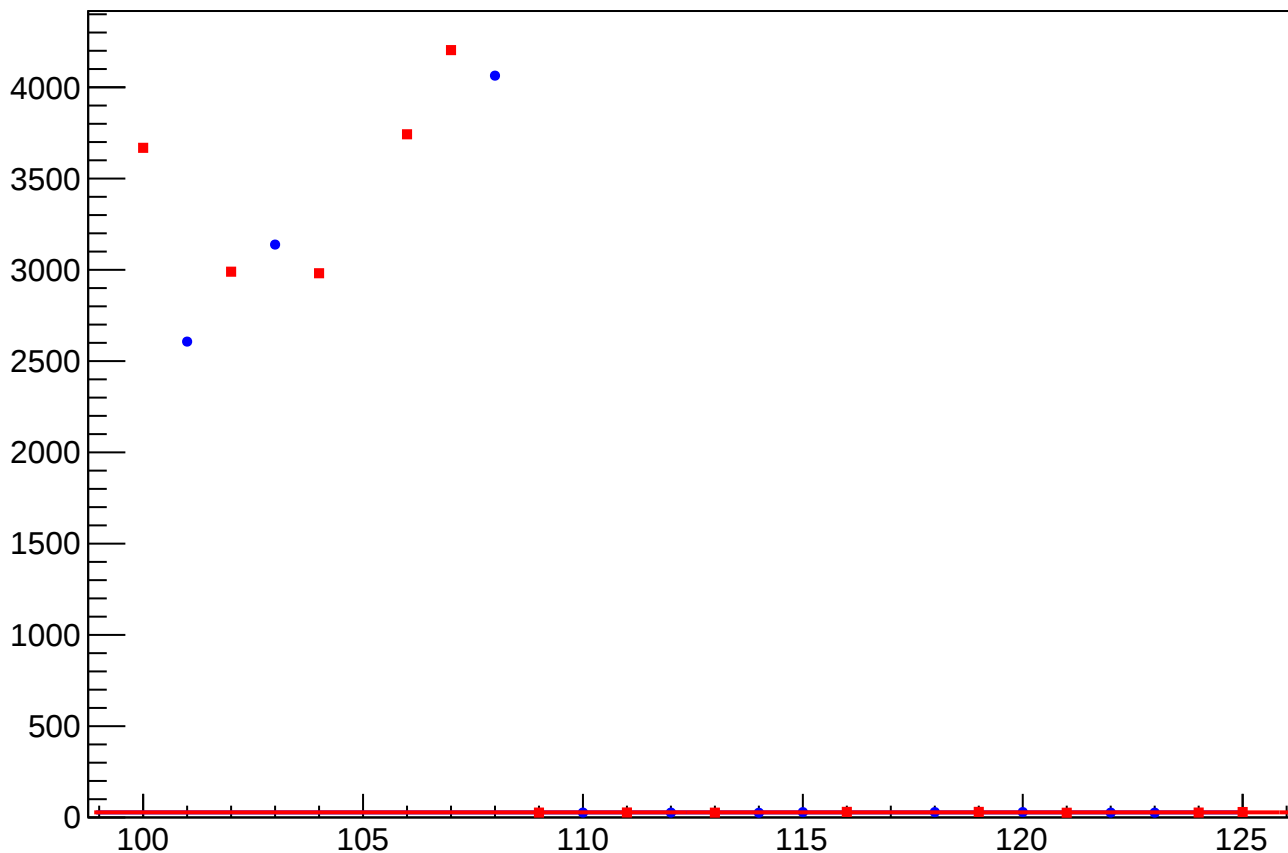
Right: 16.553+/-12.343 χ^2/NDF : 28.5/23

In: -8.240+/-18.295 χ^2/NDF : 12.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.553+/-12.343 χ^2/NDF : 28.5/23

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.714+/-0.013 χ^2/NDF : 3017632.4/10

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

Right Out: 27.901+/-0.012 χ^2/NDF : 3478282.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

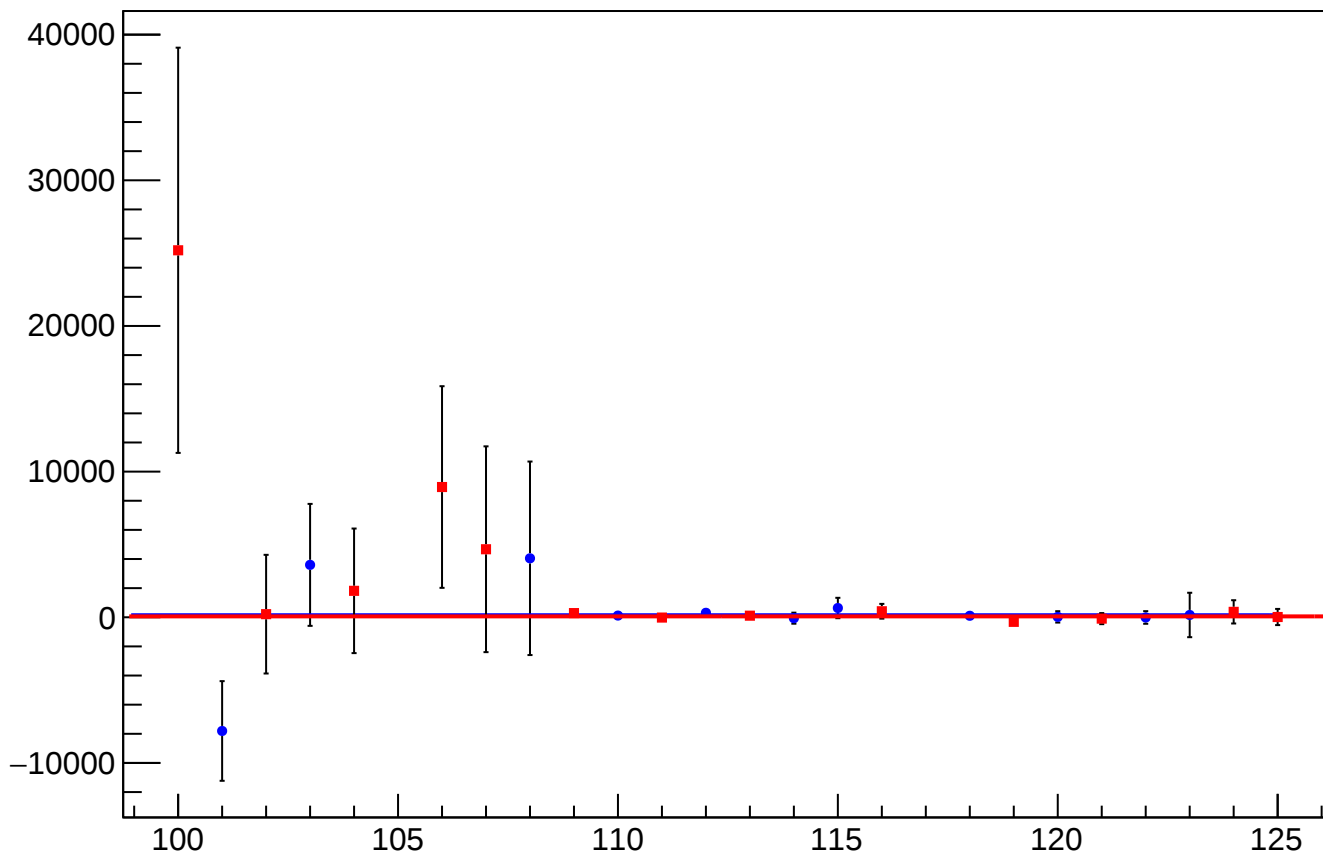
Right: 27.816+/-0.009 χ^2/NDF : 6496028.8/23

In: 27.714+/-0.013 χ^2/NDF :3017632.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 27.816+/-0.009 χ^2/NDF : 6496028.8/23

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 140.315+/-112.241 χ^2/NDF : 8.0/10

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

Right Out: 61.348+/-99.464 χ^2/NDF : 9.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

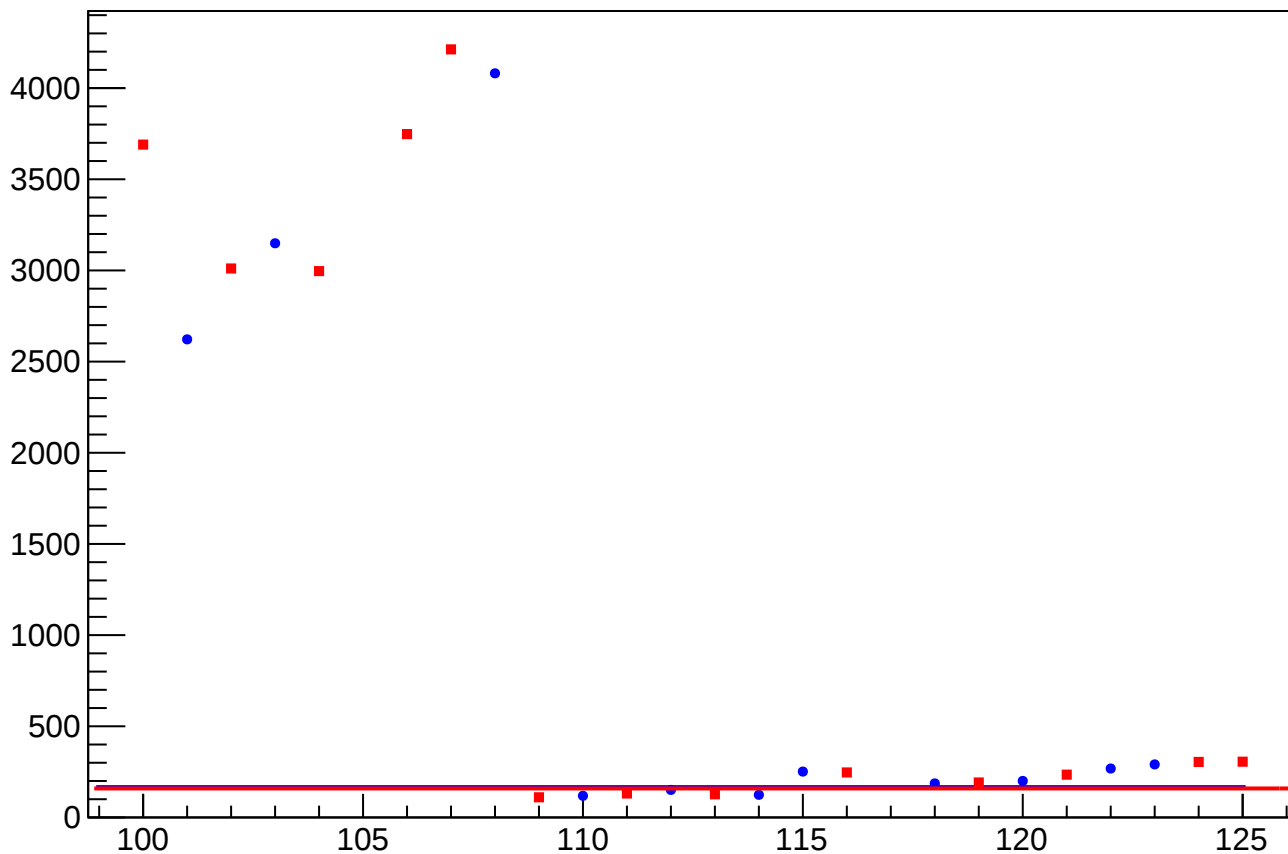
Right: 96.083+/-74.441 χ^2/NDF : 17.9/23

In: 140.315+/-112.241 χ^2/NDF : 8.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.083+/-74.441 χ^2/NDF : 17.9/23

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 166.361+/-0.079 χ^2/NDF : 3063388.1/10

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

Right Out: 159.039+/-0.070 χ^2/NDF : 3750358.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

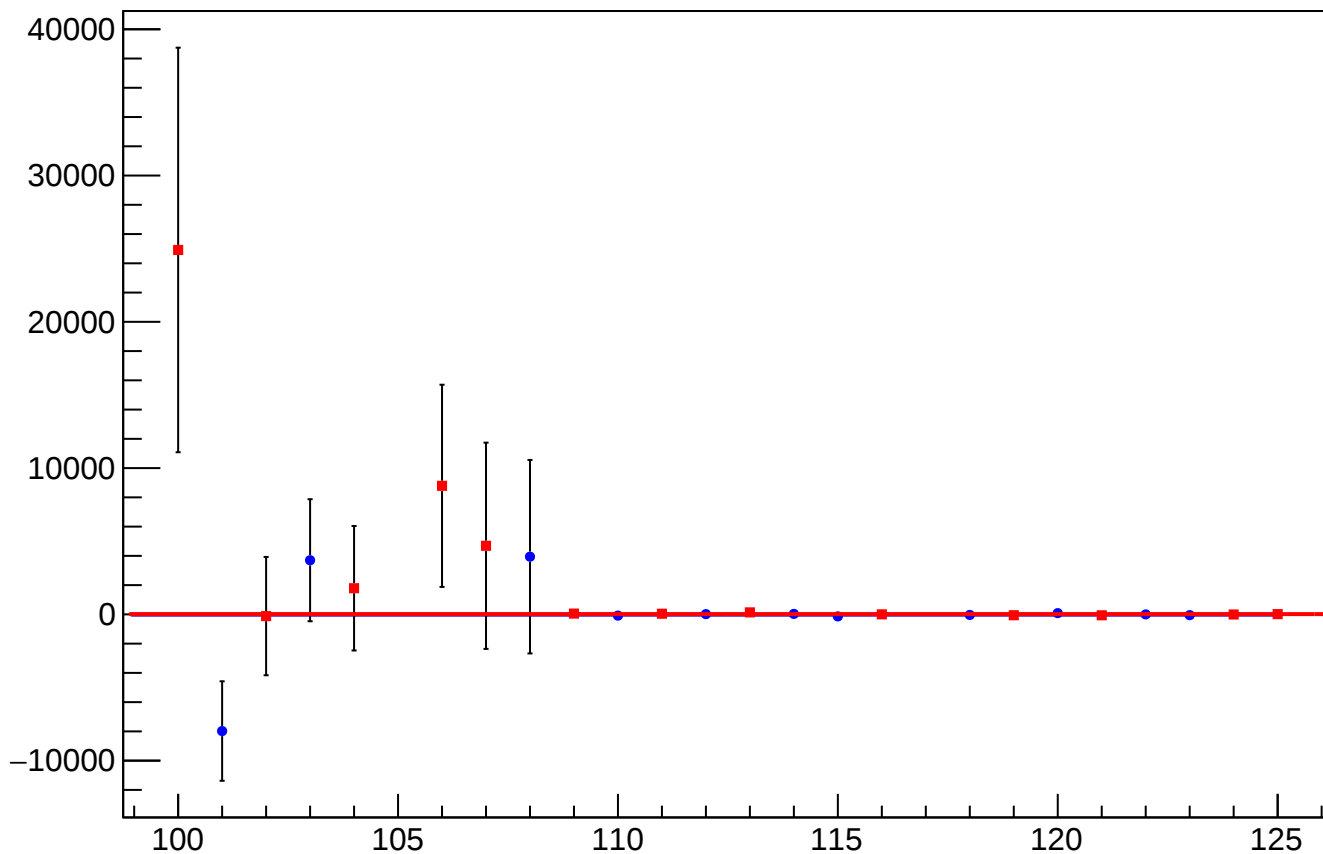
Right: 162.259+/-0.053 χ^2/NDF : 6818513.8/23

In: 166.361+/-0.079 χ^2/NDF : 3063388.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.259+/-0.053 χ^2/NDF : 6818513.8/23

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -16.476 $\pm$ 22.345 χ^2 /NDF: 13.1/10

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

Right Out: 17.976 $\pm$ 20.254 χ^2 /NDF: 17.1/12

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

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

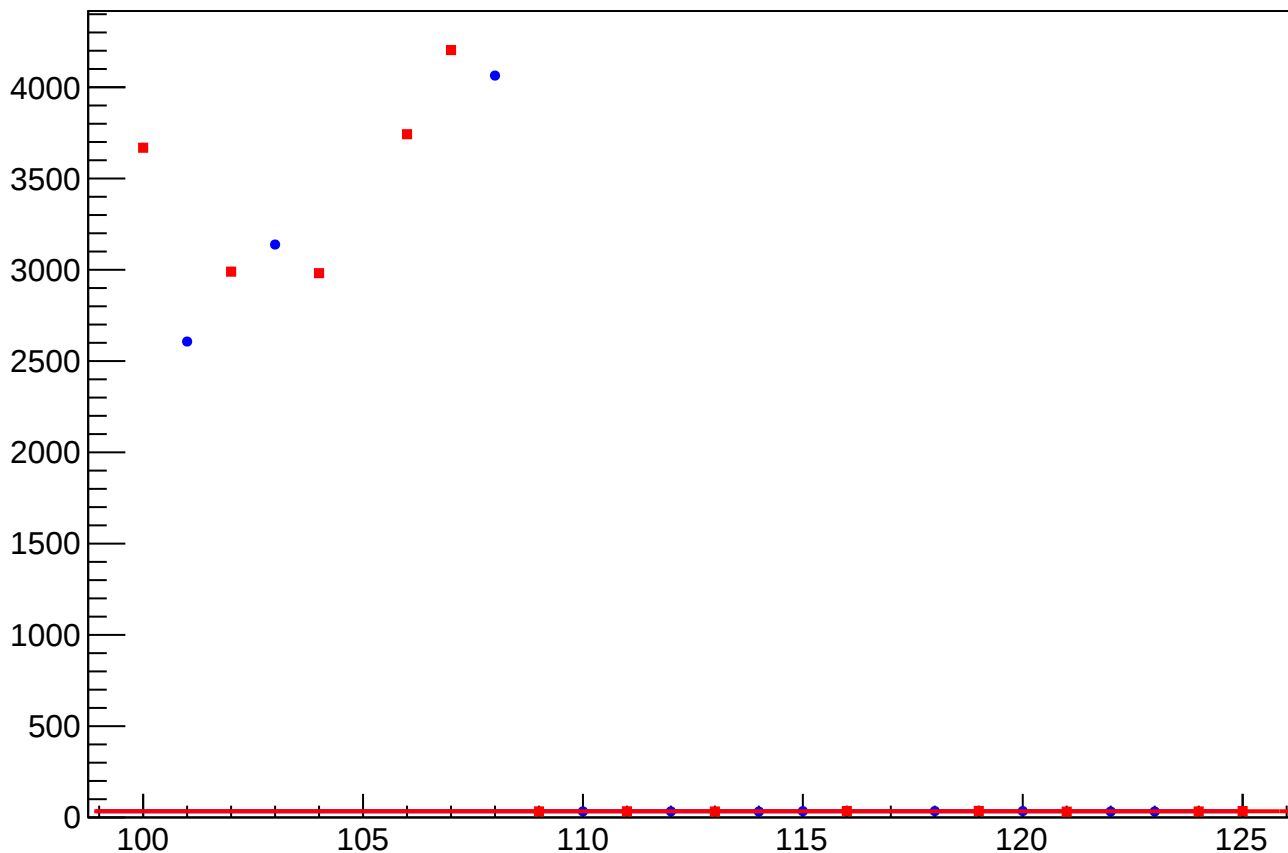
Right: 2.437 $\pm$ 15.007 χ^2 /NDF: 31.6/23

In: -16.476 $\pm$ 22.345 χ^2 /NDF:13.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.437 $\pm$ 15.007 χ^2 /NDF: 31.6/23

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 33.872 $\pm$ 0.016 χ^2 /NDF: 2998385.9/10

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

Right Out: 33.897 $\pm$ 0.014 χ^2 /NDF: 3450821.6/12

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

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

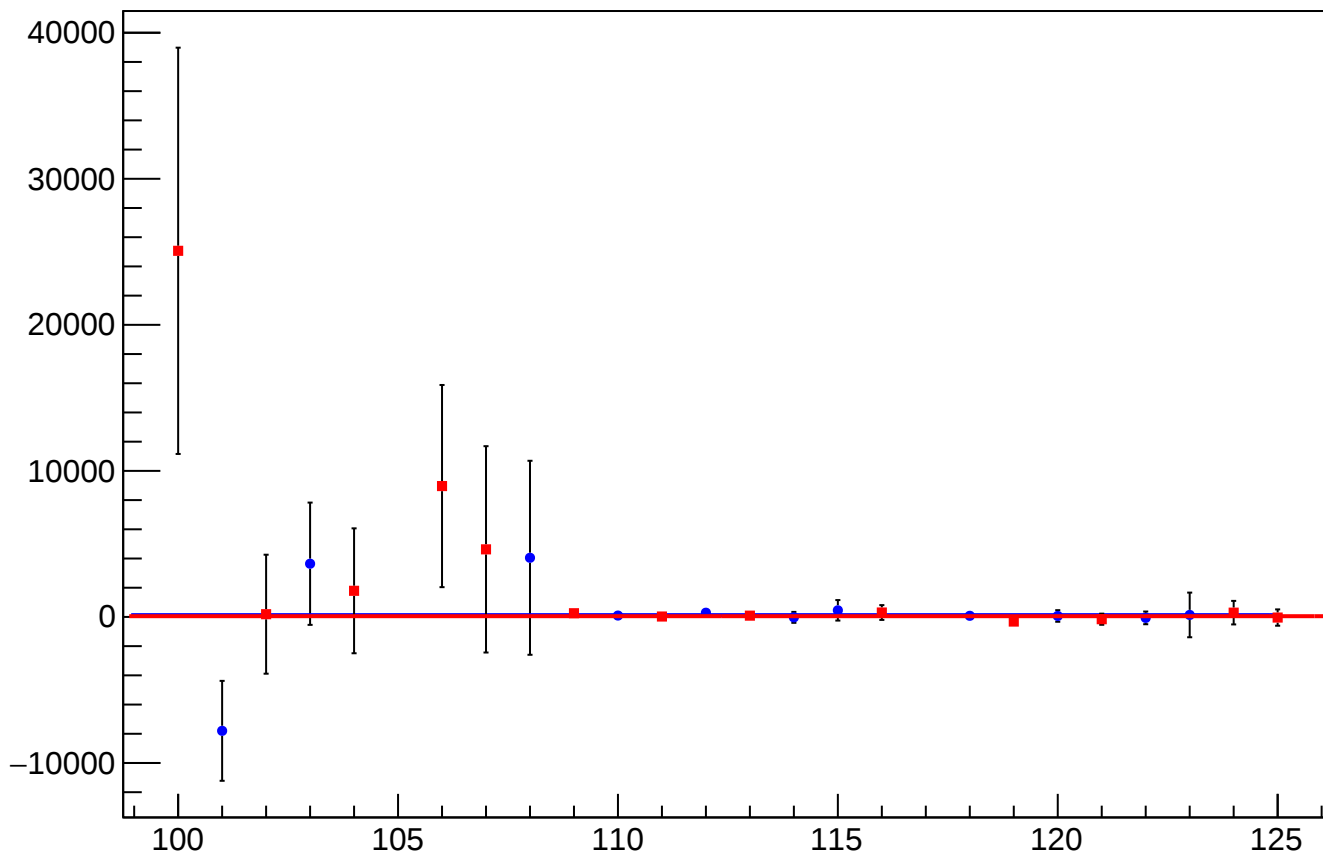
Right: 33.886 $\pm$ 0.011 χ^2 /NDF: 6449208.8/23

In: 33.872 $\pm$ 0.016 χ^2 /NDF:2998385.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 33.886 $\pm$ 0.011 χ^2 /NDF: 6449208.8/23

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 122.946+/-111.543 χ^2/NDF : 7.6/10

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

Right Out: 50.867+/-98.715 χ^2/NDF : 8.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

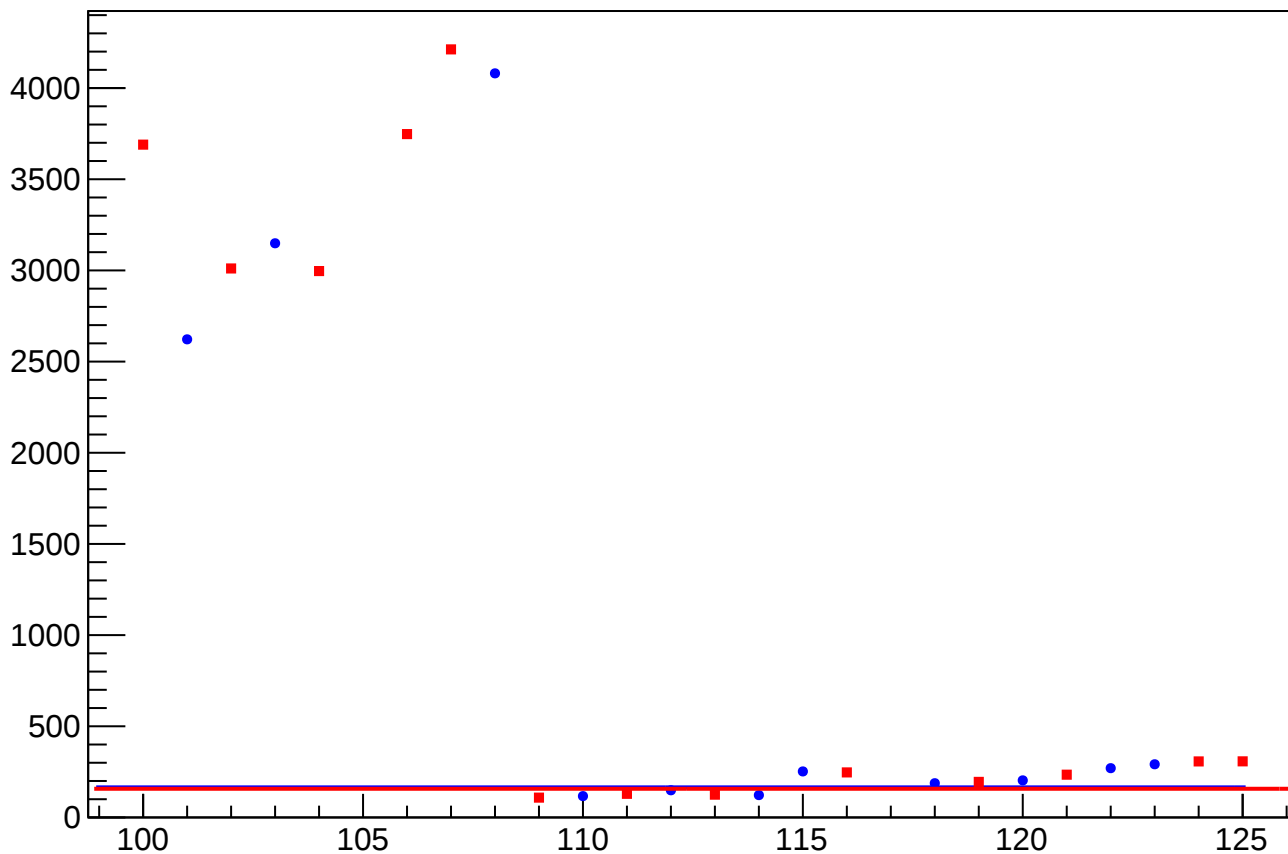
Right: 82.526+/-73.923 χ^2/NDF : 16.8/23

In: 122.946+/-111.543 χ^2/NDF : 7.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.526+/-73.923 χ^2/NDF : 16.8/23

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 164.966+/-0.079 χ^2/NDF : 3087317.3/10

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

Right Out: 157.316+/-0.070 χ^2/NDF : 3782612.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

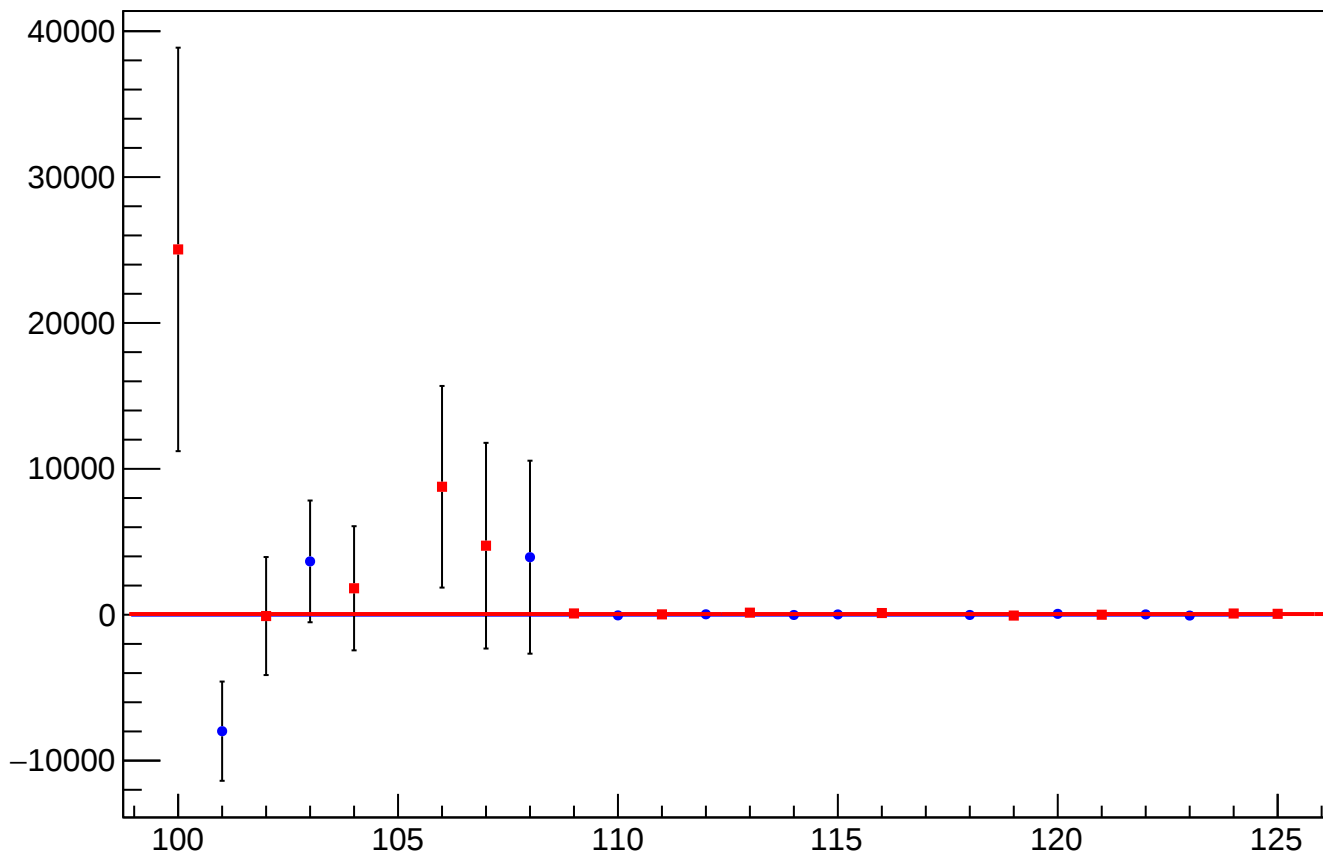
Right: 160.676+/-0.052 χ^2/NDF : 6875205.9/23

In: 164.966+/-0.079 χ^2/NDF : 3087317.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.676+/-0.052 χ^2/NDF : 6875205.9/23

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 6.455+/-20.510 χ^2/NDF : 9.2/10

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

Right Out: 47.884+/-18.620 χ^2/NDF : 18.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

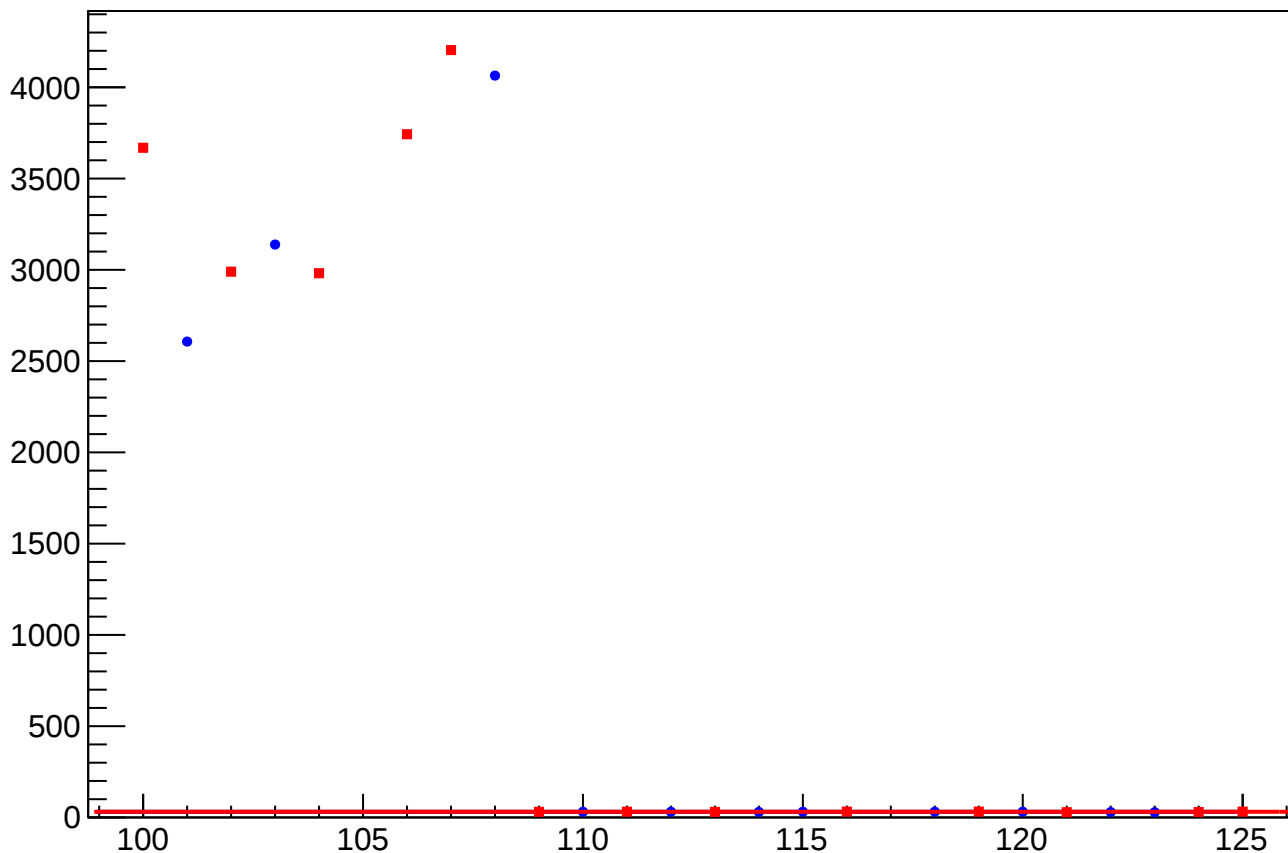
Right: 29.166+/-13.786 χ^2/NDF : 29.9/23

In: 6.455+/-20.510 χ^2/NDF : 9.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.166+/-13.786 χ^2/NDF : 29.9/23

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 31.125+/-0.015 χ^2/NDF : 3003672.7/10

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

Right Out: 31.142+/-0.013 χ^2/NDF : 3456023.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

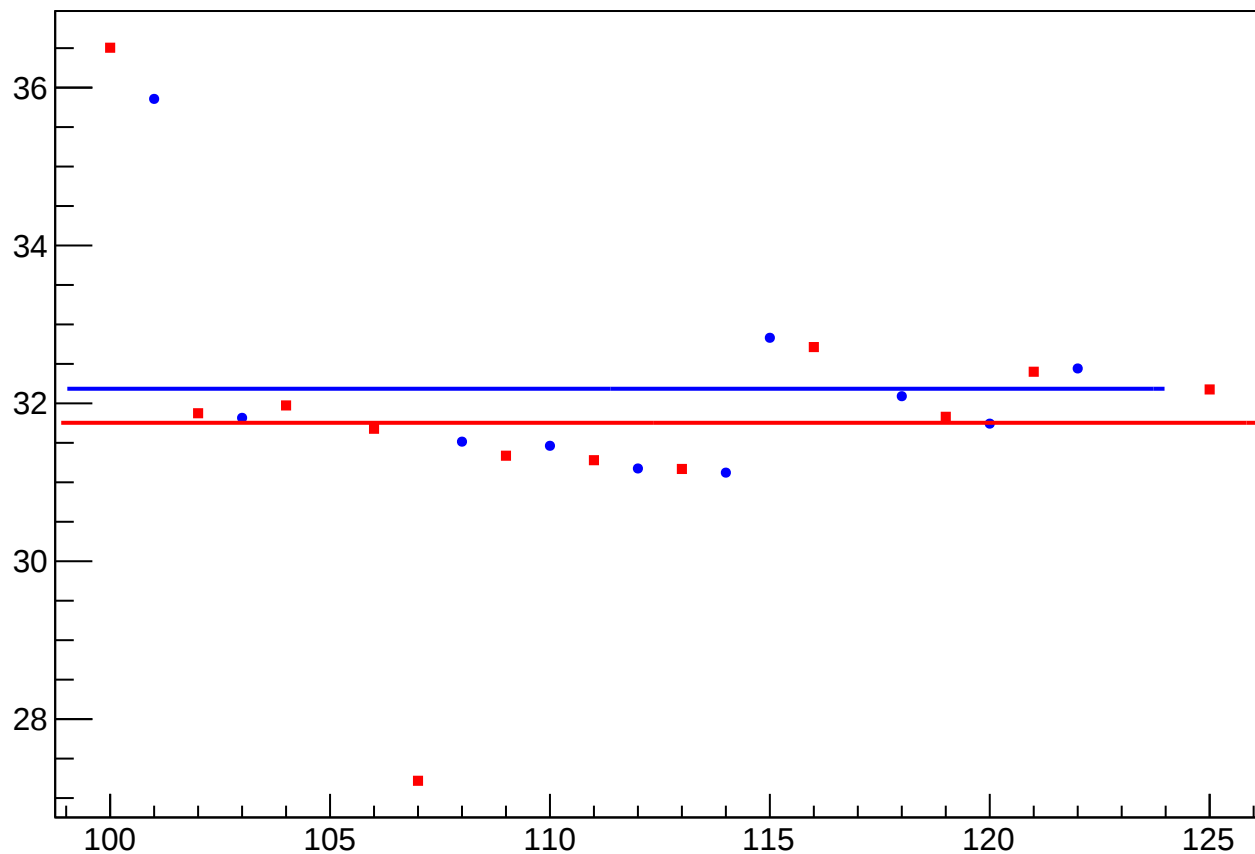
Right: 31.134+/-0.010 χ^2/NDF : 6459696.4/23

In: 31.125+/-0.015 χ^2/NDF : 3003672.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.134+/-0.010 χ^2/NDF : 6459696.4/23

yield_usl_mean vs Slug, Sign Corrected



Right In: 32.185+/-0.000 χ^2/NDF : 988310474.2/9

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

Right Out: 31.754+/-0.000 χ^2/NDF : 567302205.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

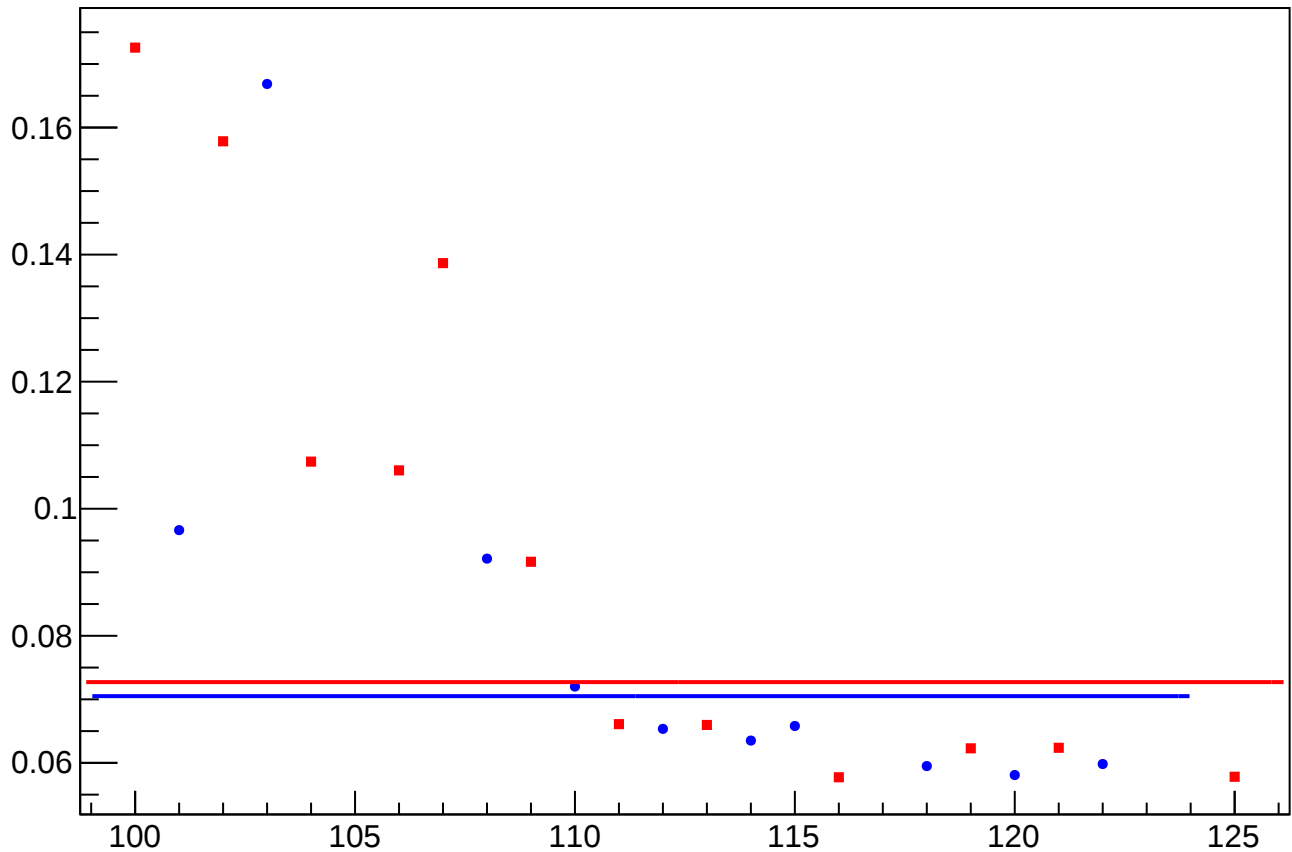
Right: 31.957+/-0.000 χ^2/NDF : 1618647634.5/21

In: 32.185+/-0.000 χ^2/NDF : 988310474.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.957+/-0.000 χ^2/NDF : 1618647634.5/21

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.071+/-0.000 χ^2/NDF : 565238.1/9

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

Right Out: 0.073+/-0.000 χ^2/NDF : 786071.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

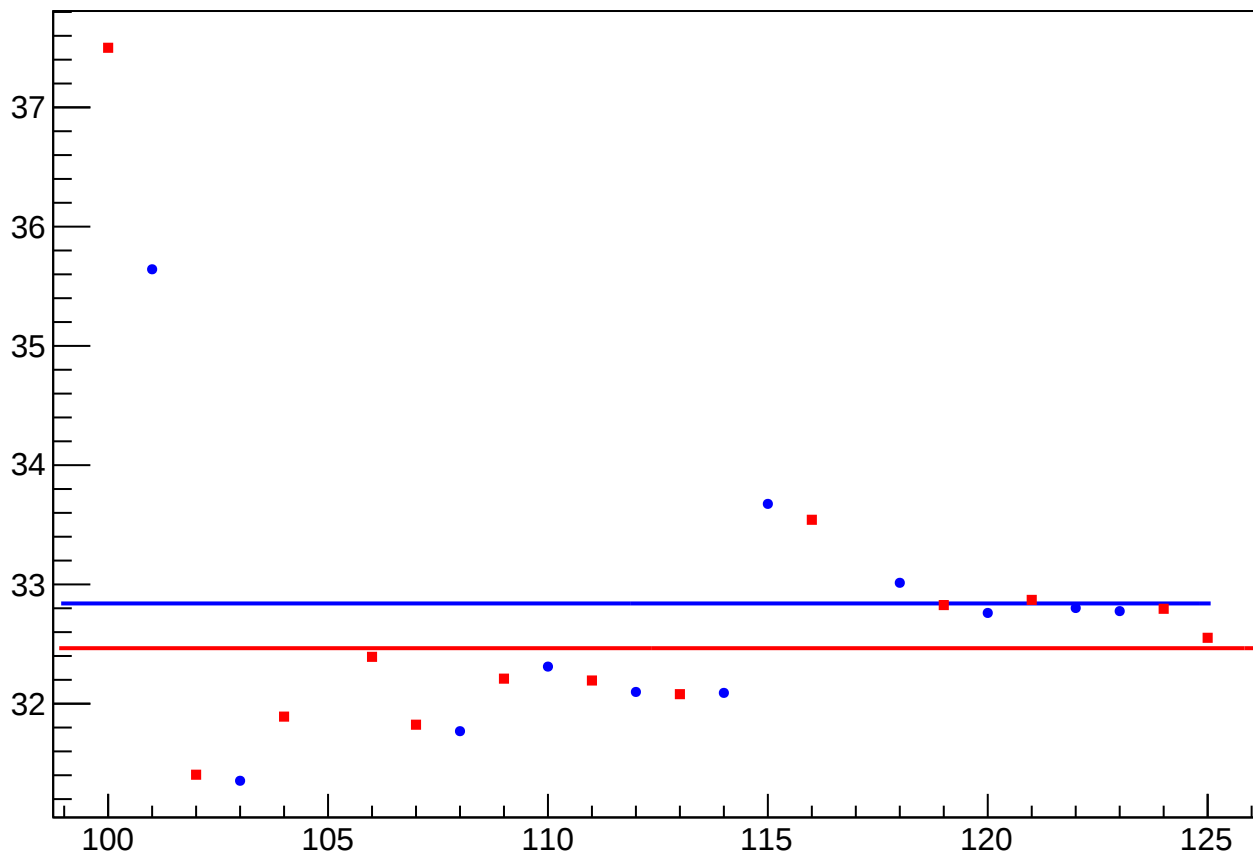
Right: 0.072+/-0.000 χ^2/NDF : 1354623.2/21

In: 0.071+/-0.000 χ^2/NDF :565238.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.072+/-0.000 χ^2/NDF : 1354623.2/21

yield_usr_mean vs Slug, Sign Corrected



Right In: 32.841+/-0.000 χ^2/NDF : 455628685.9/10

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

Right Out: 32.465+/-0.000 χ^2/NDF : 155535297.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

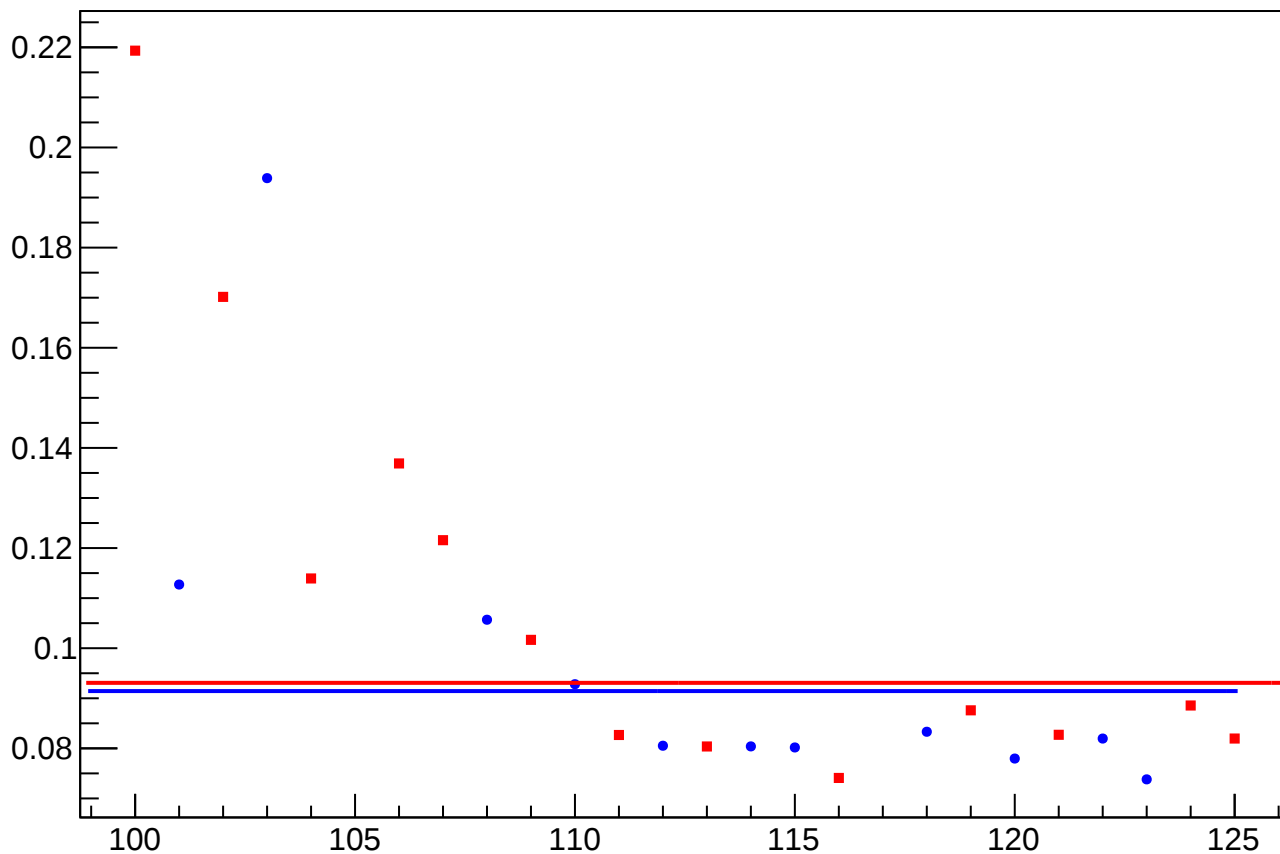
Right: 32.636+/-0.000 χ^2/NDF : 641018053.4/23

In: 32.841+/-0.000 χ^2/NDF : 455628685.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.636+/-0.000 χ^2/NDF : 641018053.4/23

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.091+/-0.000 χ^2/NDF : 416873.1/10

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

Right Out: 0.093+/-0.000 χ^2/NDF : 454912.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

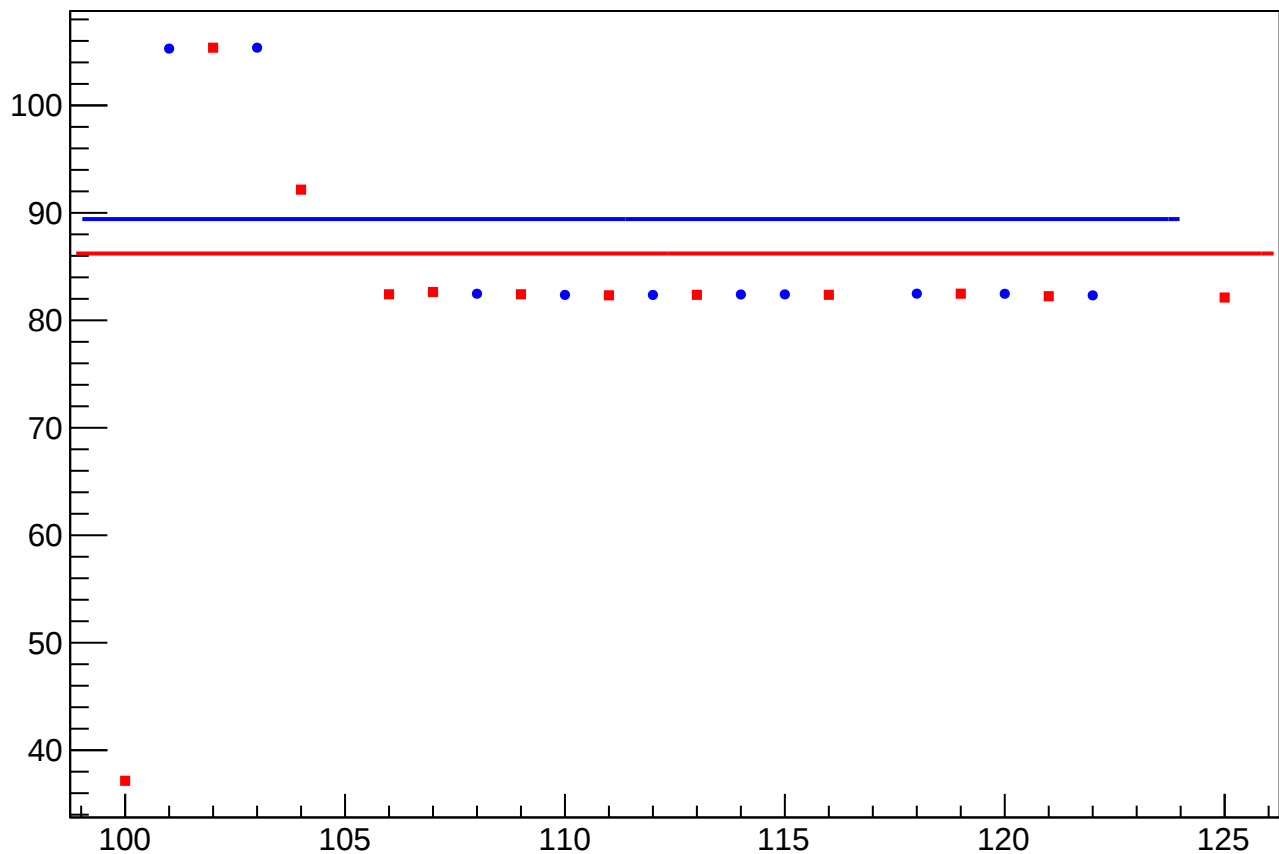
Right: 0.092+/-0.000 χ^2/NDF : 872931.7/23

In: 0.091+/-0.000 χ^2/NDF : 416873.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

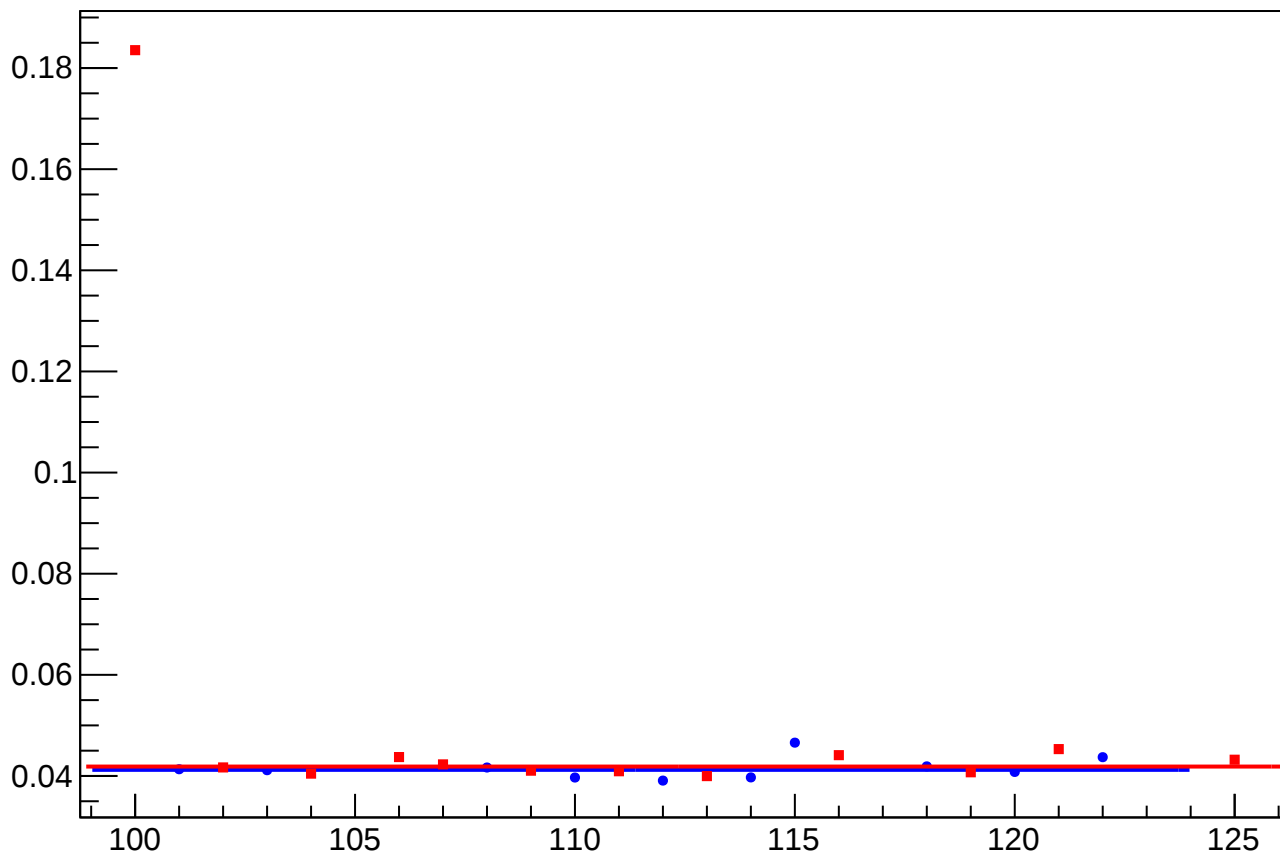
All: 0.092+/-0.000 χ^2/NDF : 872931.7/23

yield_dsl_mean vs Slug, Sign Corrected



Right In: 89.422+/-0.000 χ^2/NDF : 245058363887.0/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 86.219+/-0.000 χ^2/NDF : 159008997643.9/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 87.685+/-0.000 χ^2/NDF : 416291219209.0/21
 In: 89.422+/-0.000 χ^2/NDF : 245058363887.0/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 87.685+/-0.000 χ^2/NDF : 416291219209.0/21

yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.041+/-0.000 χ^2/NDF : 10835.6/9

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

Right Out: 0.042+/-0.000 χ^2/NDF : 95412.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

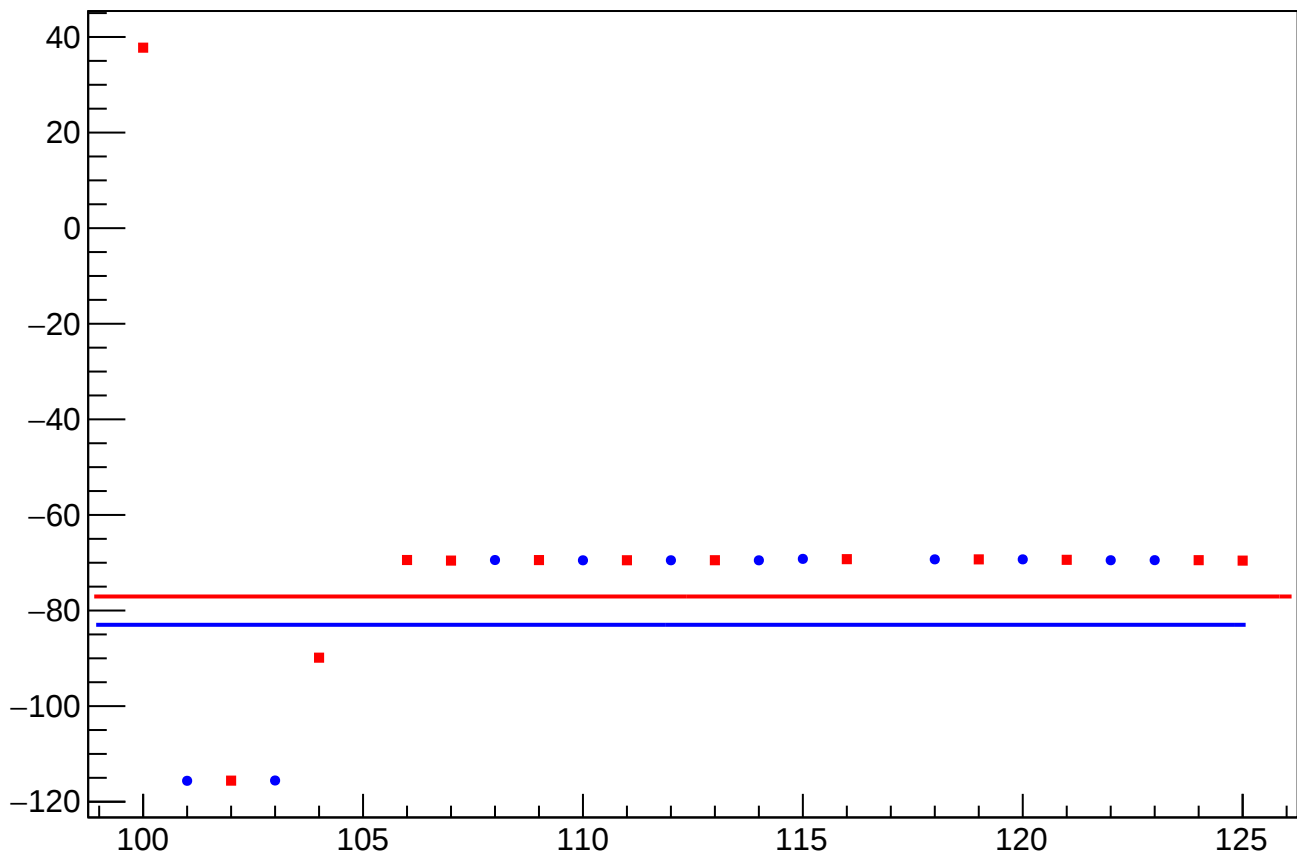
Right: 0.042+/-0.000 χ^2/NDF : 107256.7/21

In: 0.041+/-0.000 χ^2/NDF : 10835.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.042+/-0.000 χ^2/NDF : 107256.7/21

yield_dsr_mean vs Slug, Sign Corrected



Right In: -82.985+/-0.000 χ^2/NDF : 478678719698.4/10

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

Right Out: -77.062+/-0.000 χ^2/NDF : 345542285616.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

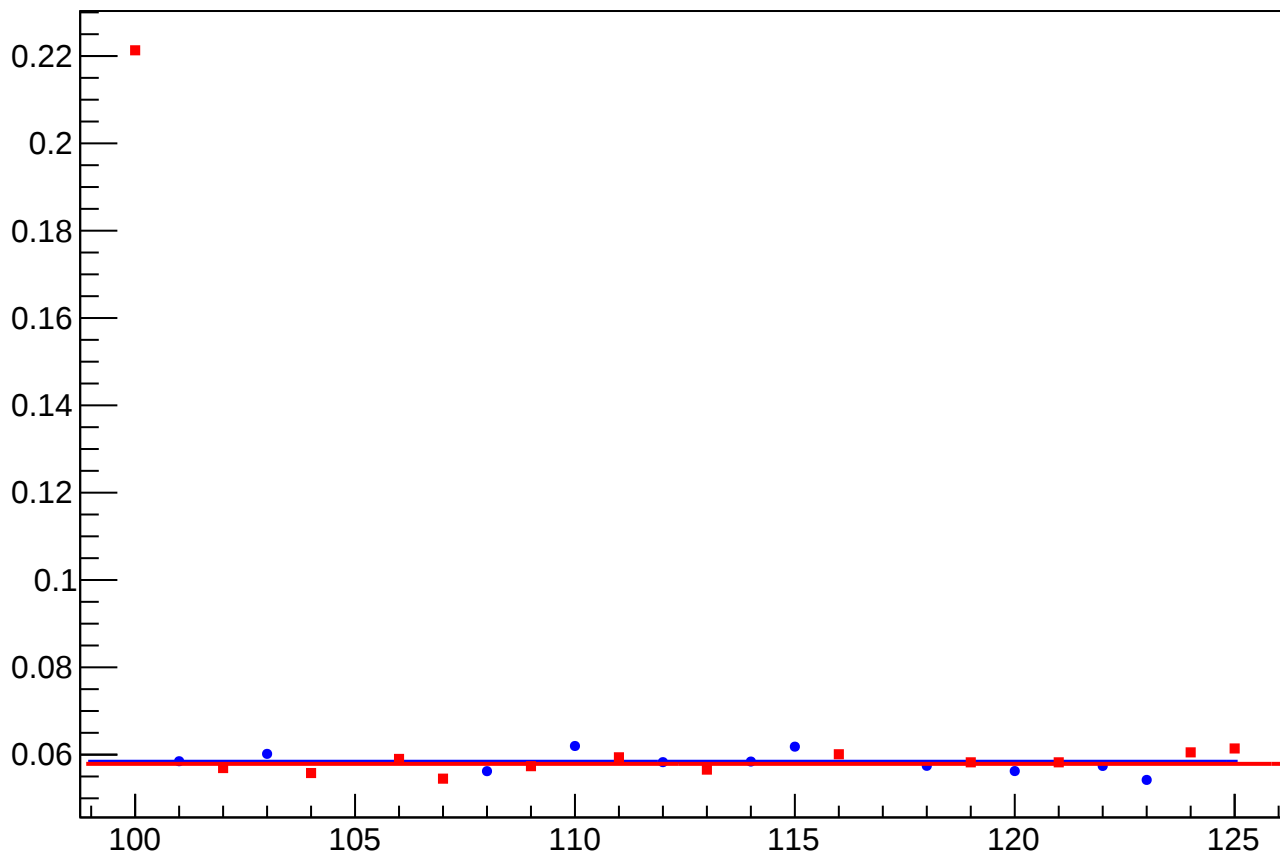
Right: -79.674+/-0.000 χ^2/NDF : 845423060479.3/2

In: -82.985+/-0.000 χ^2/NDF : 478678719698.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -79.674+/-0.000 χ^2/NDF : 845423060479

yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.058+/-0.000 χ^2/NDF : 6806.5/10

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

Right Out: 0.058+/-0.000 χ^2/NDF : 82482.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

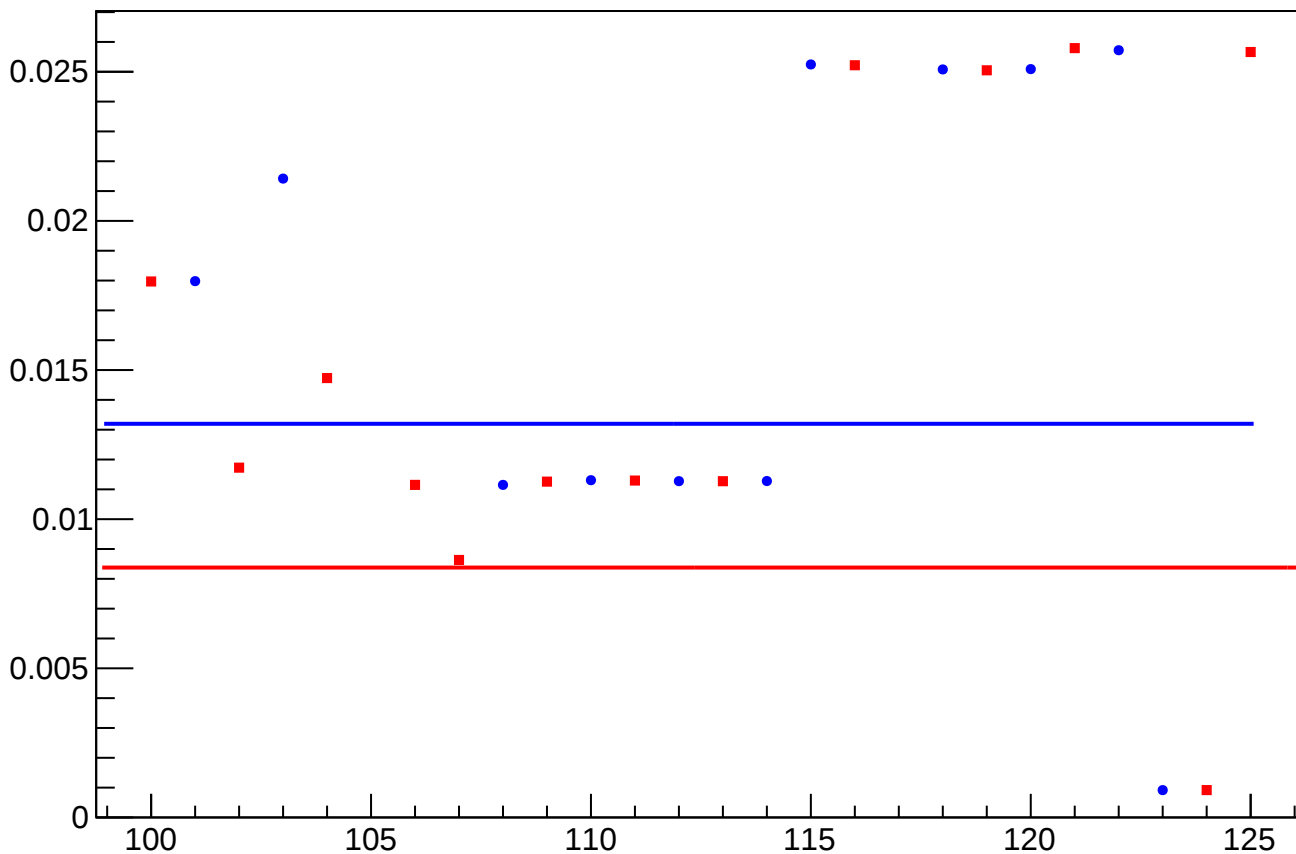
Right: 0.058+/-0.000 χ^2/NDF : 89569.0/23

In: 0.058+/-0.000 χ^2/NDF : 6806.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.058+/-0.000 χ^2/NDF : 89569.0/23

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.000

χ^2/NDF : 76441810437.2/10

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.010+/-0.000 χ^2/NDF : 231773394855.8/23

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.013+/-0.000 χ^2/NDF : 76441810437.2/10

Right Out: 0.008+/-0.000

χ^2/NDF : 138539249508.2/12

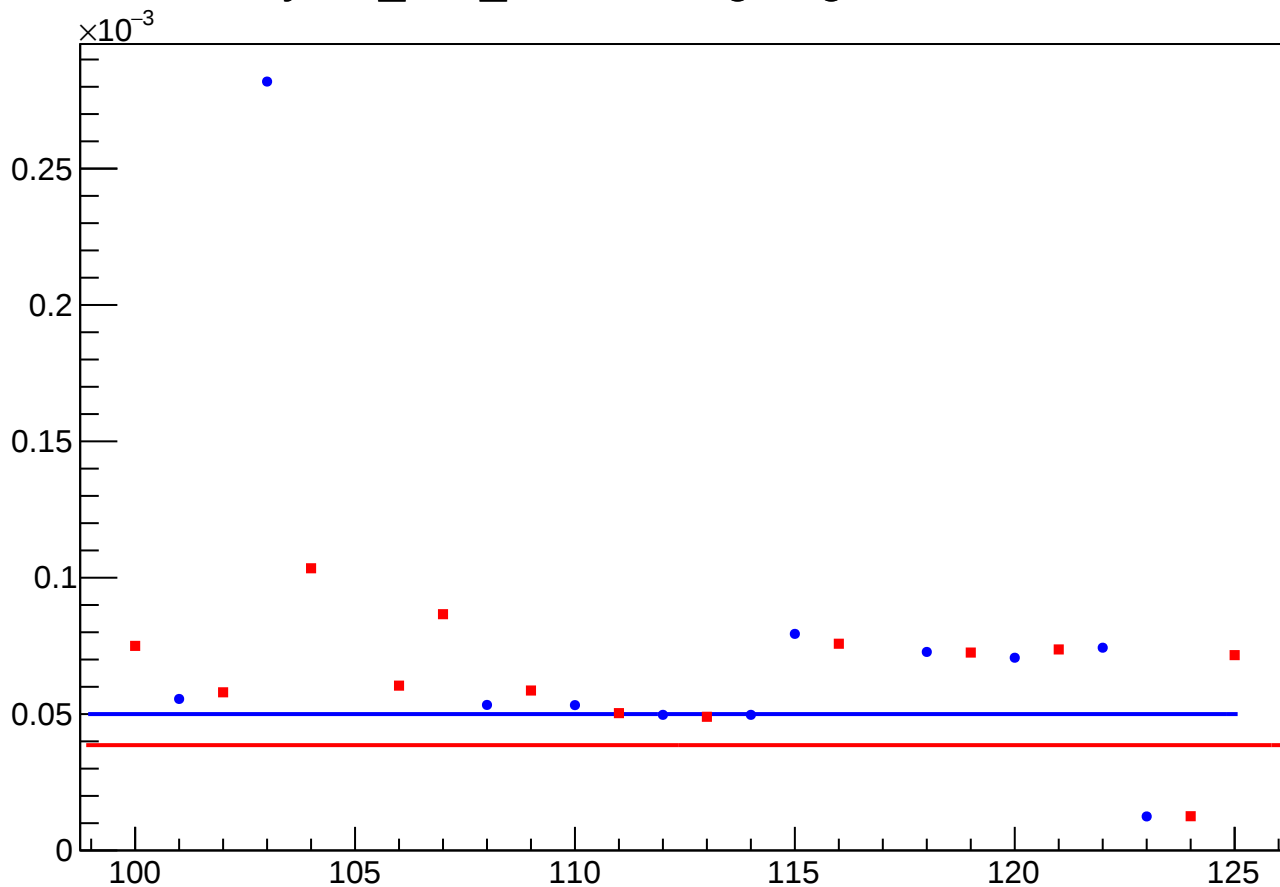
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 231773394855.8

yield_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1630130.7/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2734297.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

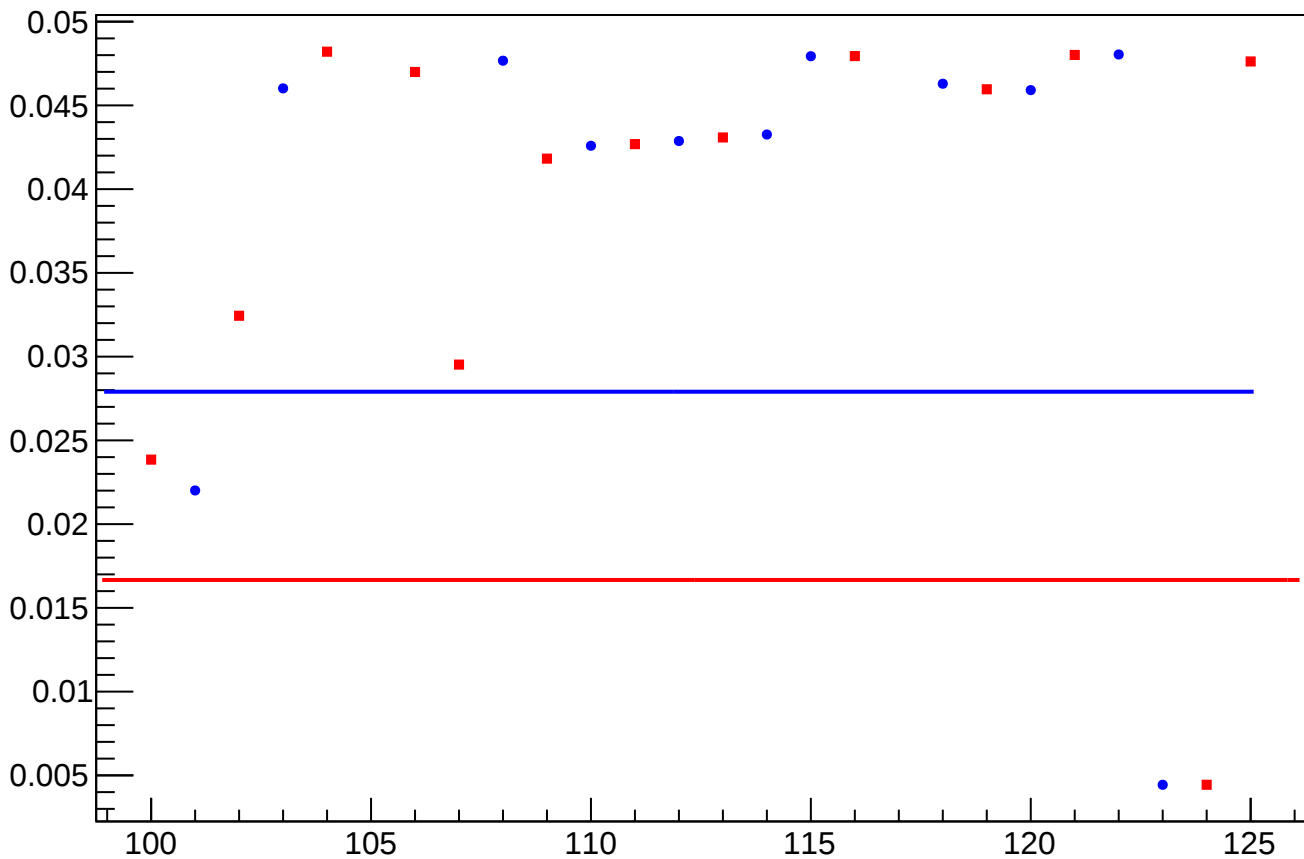
Right: 0.000+/-0.000 χ^2/NDF : 4551907.3/23

In: 0.000+/-0.000 χ^2/NDF : 1630130.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4551907.3/23

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.028+/-0.000

χ^2/NDF : 16098242452.1/10

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.020+/-0.000 χ^2/NDF : 51402649675.0/23

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.028+/-0.000 χ^2/NDF : 16098242452.1/10

Right Out: 0.017+/-0.000

χ^2/NDF : 31575187999.7/12

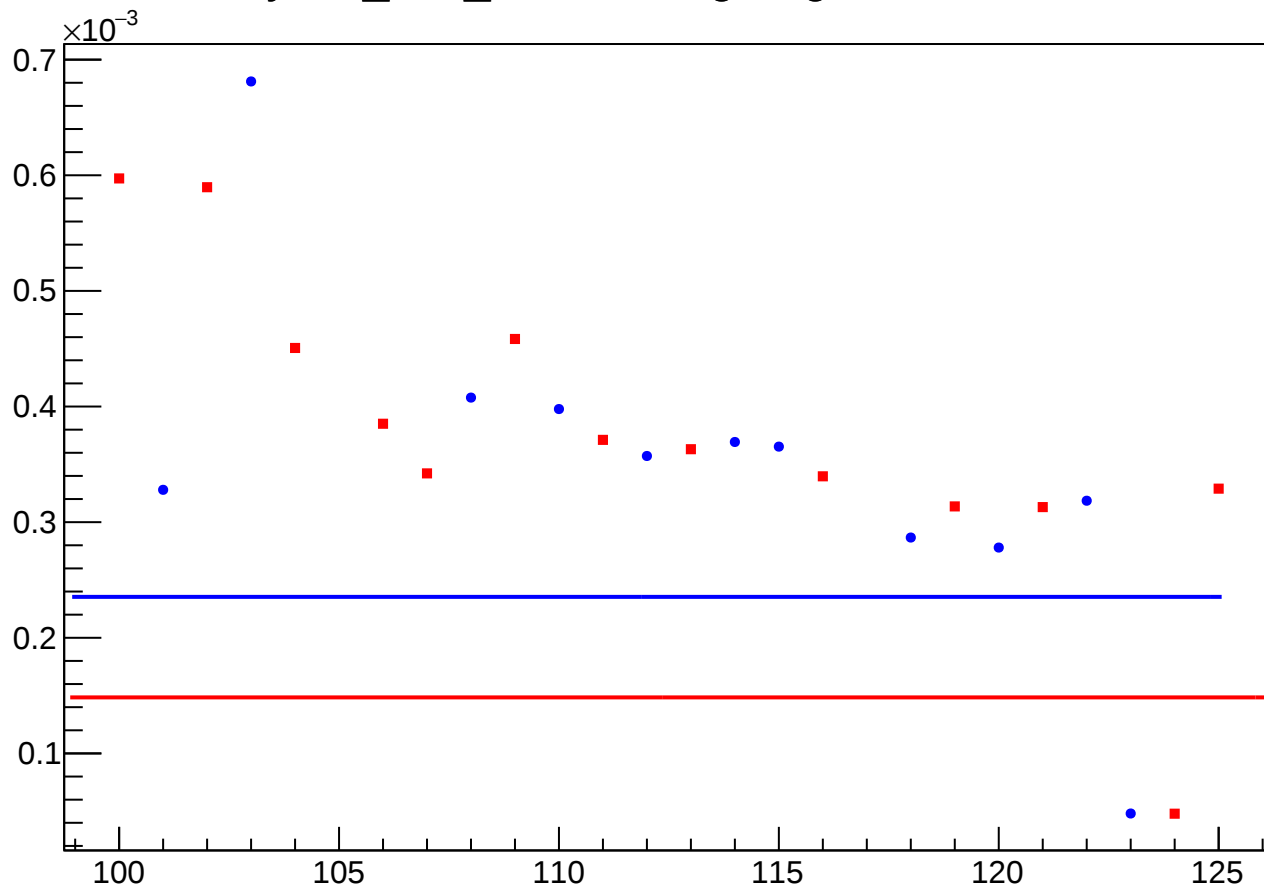
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.020+/-0.000 χ^2/NDF : 51402649675.0/23

yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2105441.4/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4419625.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

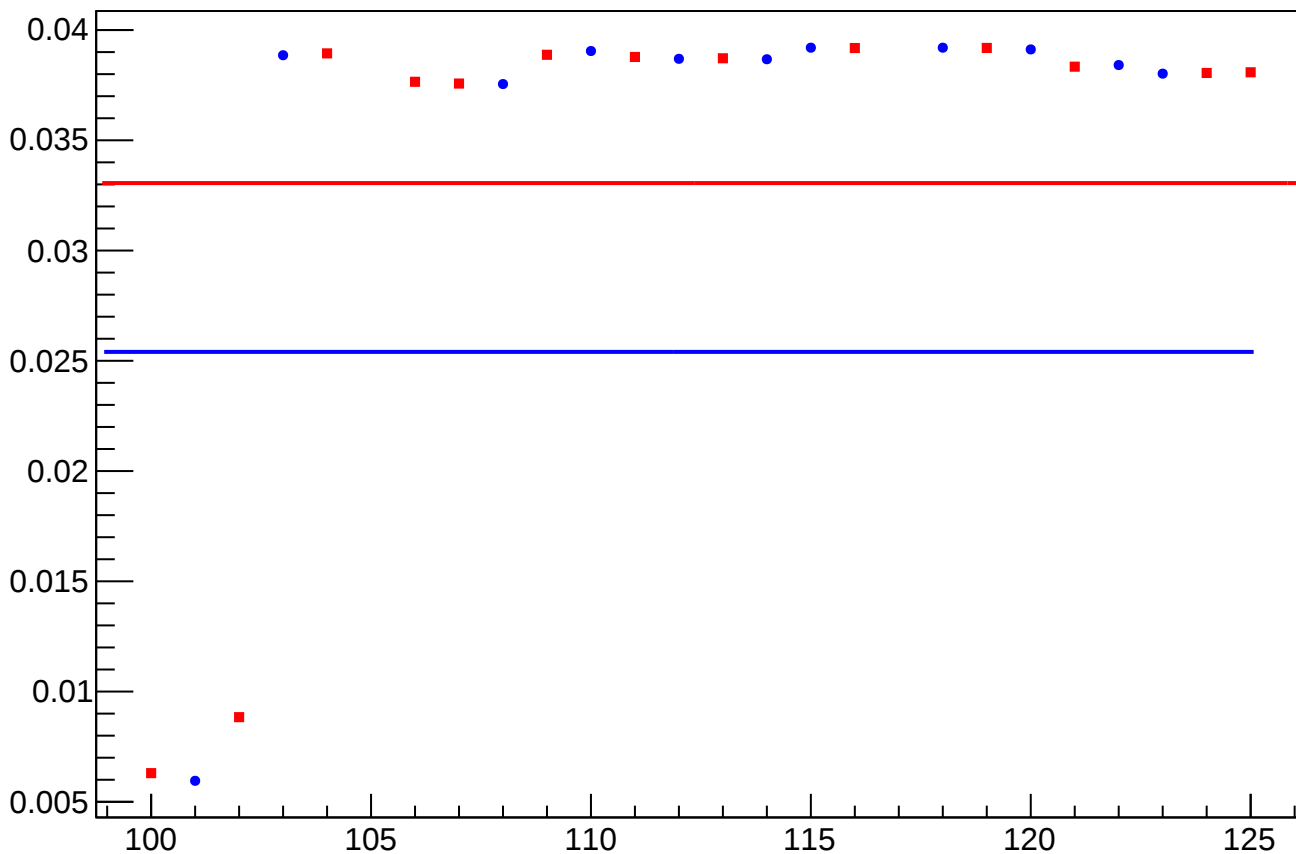
Right: 0.000+/-0.000 χ^2/NDF : 6971403.8/23

In: 0.000+/-0.000 χ^2/NDF : 2105441.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6971403.8/23

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.000

χ^2/NDF : 79886084242.2/10

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.029+/-0.000

χ^2/NDF : 130117586346.4/23

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.025+/-0.000

χ^2/NDF : 79886084242.2/10

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

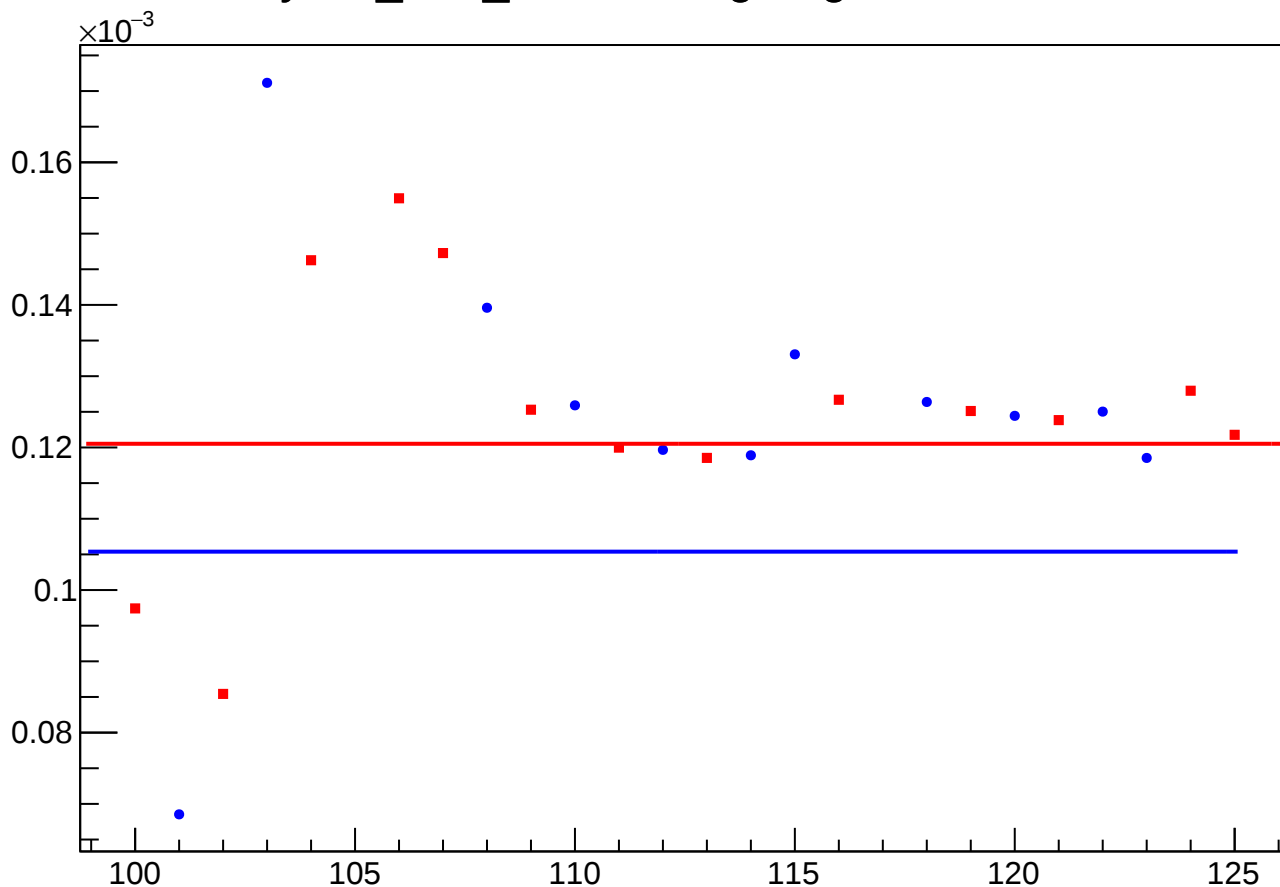
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.029+/-0.000

χ^2/NDF : 130117586346.4

yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 655234.2/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 212070.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

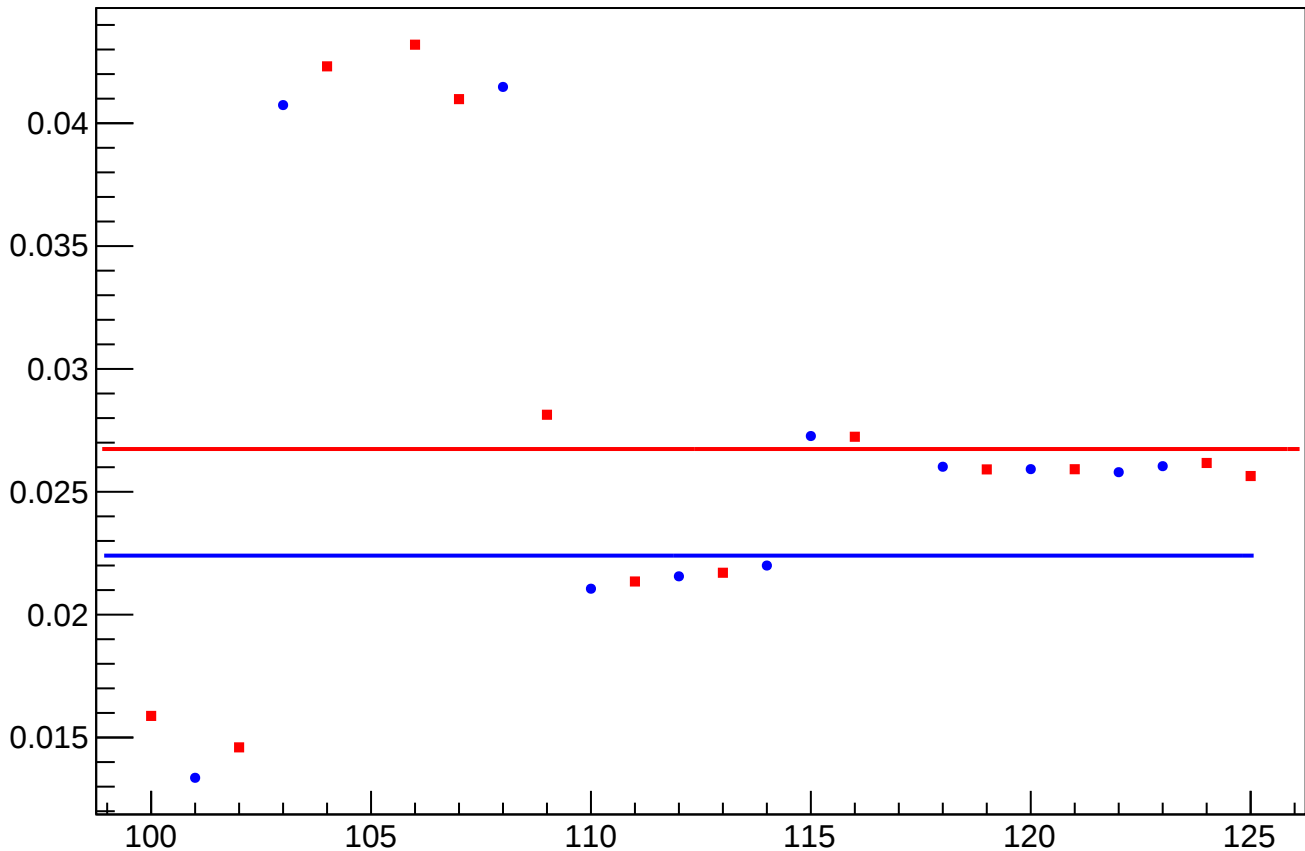
Right: 0.000+/-0.000 χ^2/NDF : 937140.1/23

In: 0.000+/-0.000 χ^2/NDF : 655234.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 937140.1/23

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.000 χ^2/NDF : 3272122420.2/10

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

Right Out: 0.027+/-0.000 χ^2/NDF : 2889308650.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

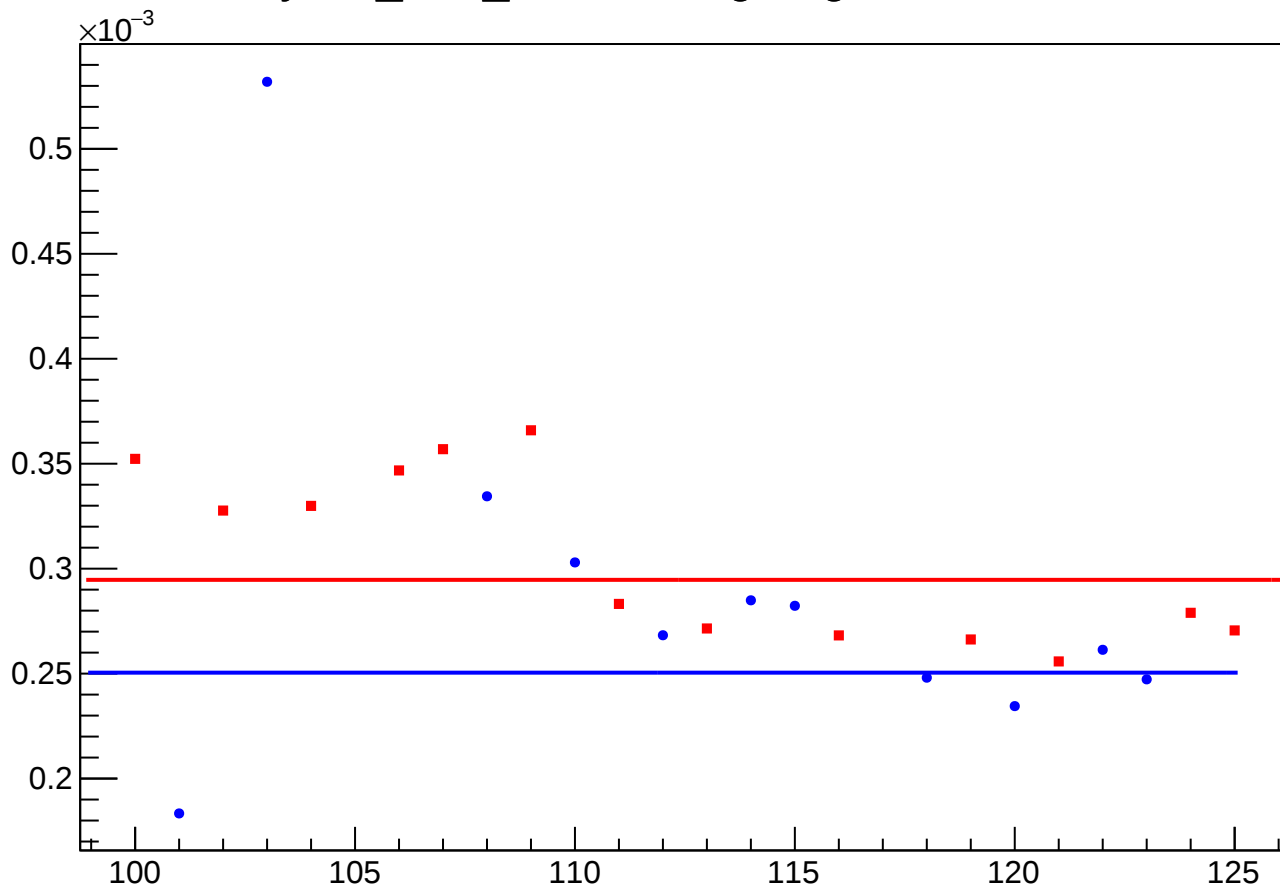
Right: 0.025+/-0.000 χ^2/NDF : 6625863344.0/23

In: 0.022+/-0.000 χ^2/NDF :3272122420.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.025+/-0.000 χ^2/NDF : 6625863344.0/23

yield_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 508710.7/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 129019.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

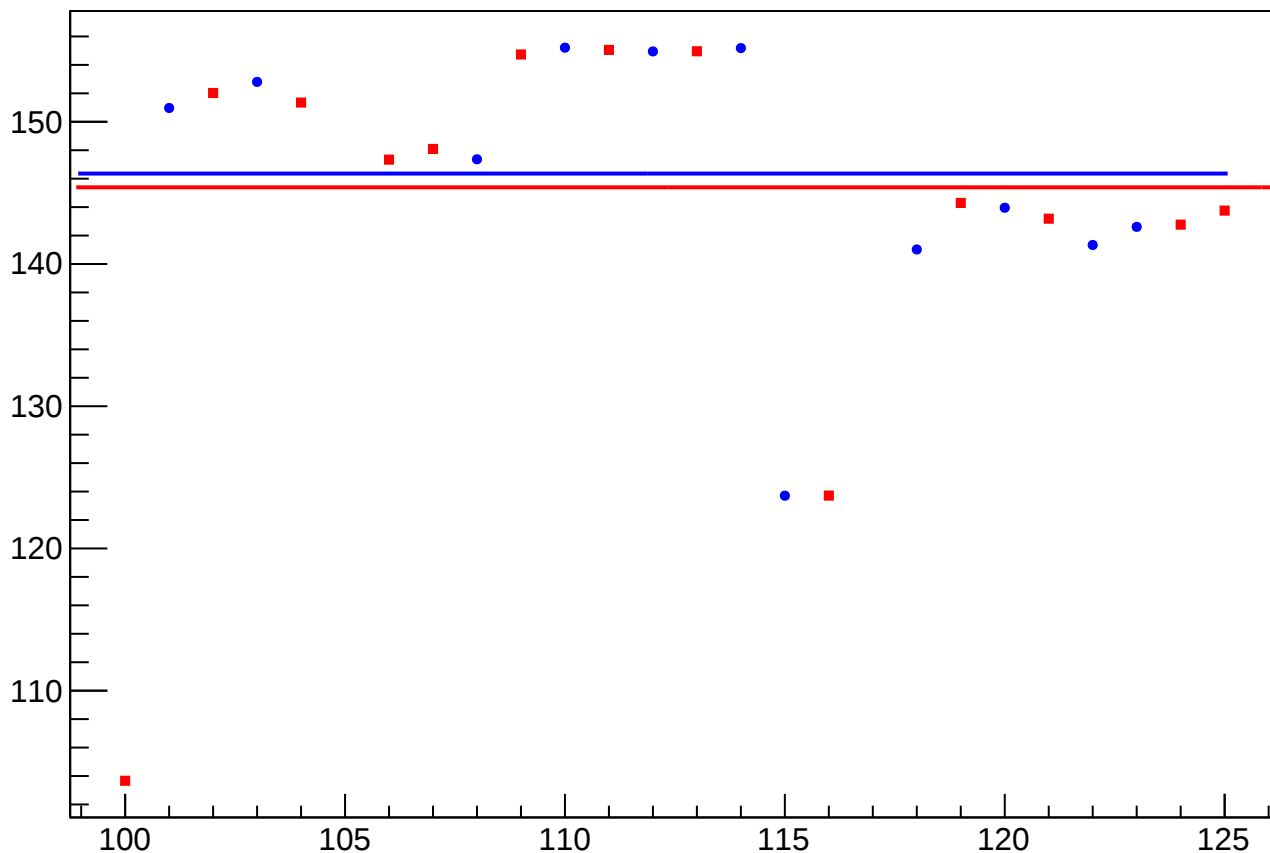
Right: 0.000+/-0.000 χ^2/NDF : 734210.0/23

In: 0.000+/-0.000 χ^2/NDF : 508710.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 734210.0/23

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 146.360+/-0.000 χ^2 /NDF: 1949055232.7/10

Right: 145.789+/-0.000 χ^2 /NDF: 5847289707.3/23

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

Right Out: 145.391+/-0.000 χ^2 /NDF: 3884690254.3/12

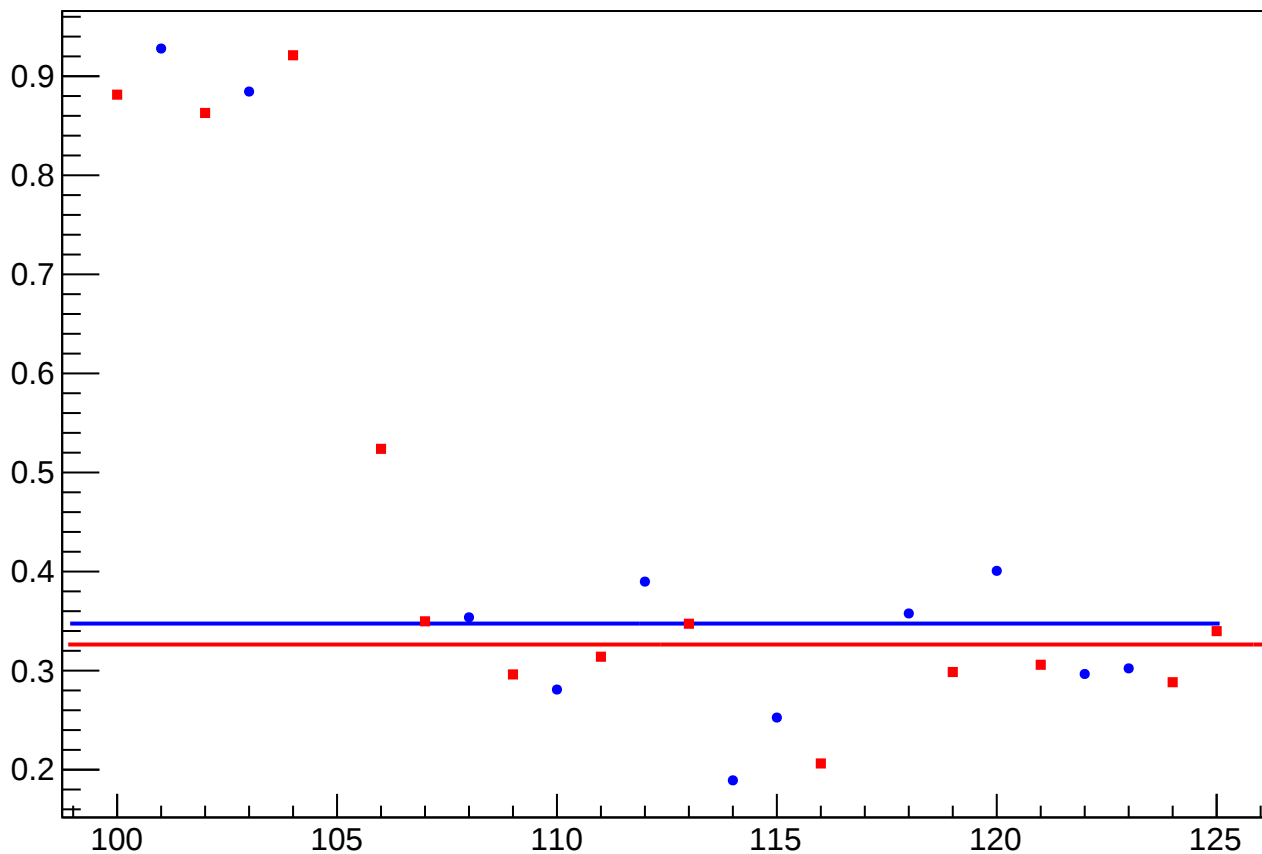
In: 146.360+/-0.000 χ^2 /NDF: 1949055232.7/10

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 145.789+/-0.000 χ^2 /NDF: 5847289707.3

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.348+/-0.000 χ^2/NDF : 1088758.5/10

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

Right Out: 0.326+/-0.000 χ^2/NDF : 1117914.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

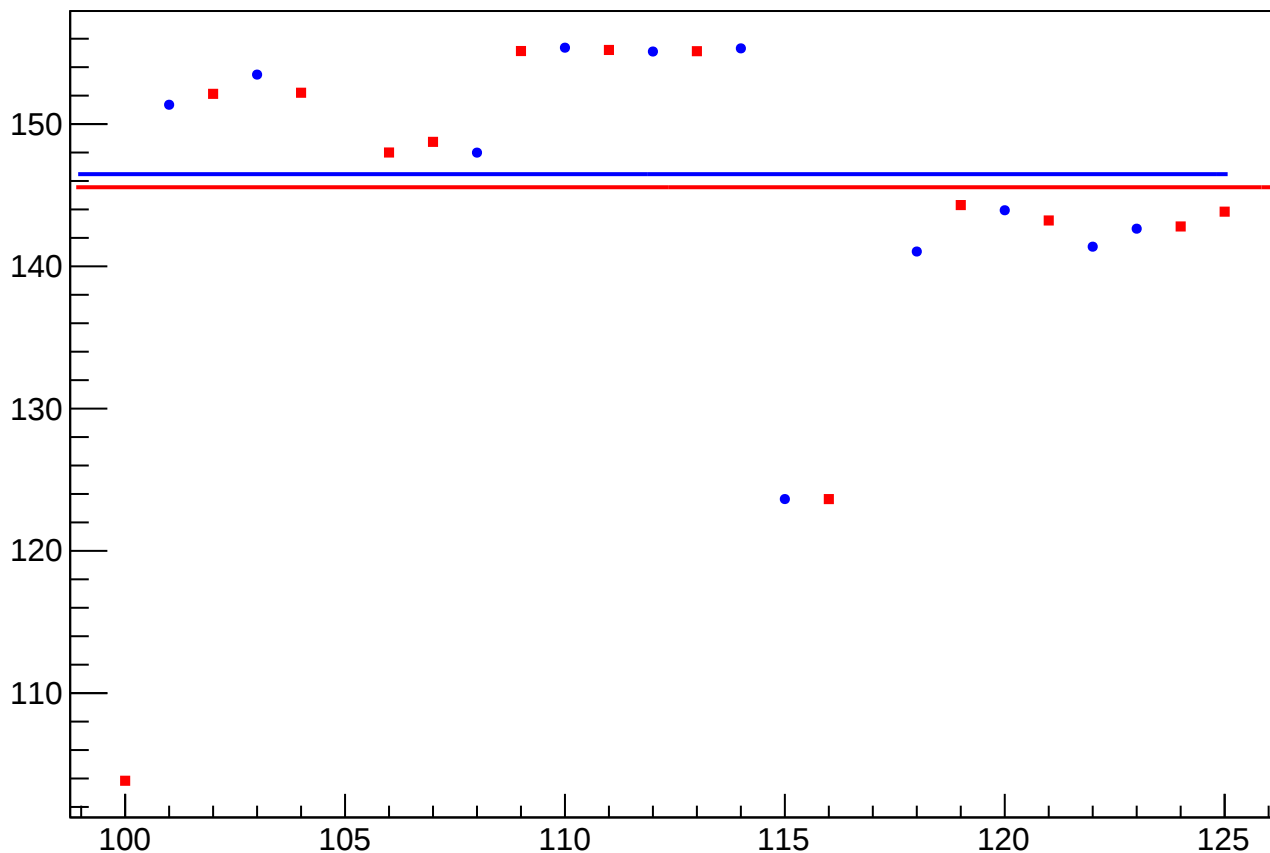
Right: 0.335+/-0.000 χ^2/NDF : 2219585.9/23

In: 0.348+/-0.000 χ^2/NDF : 1088758.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

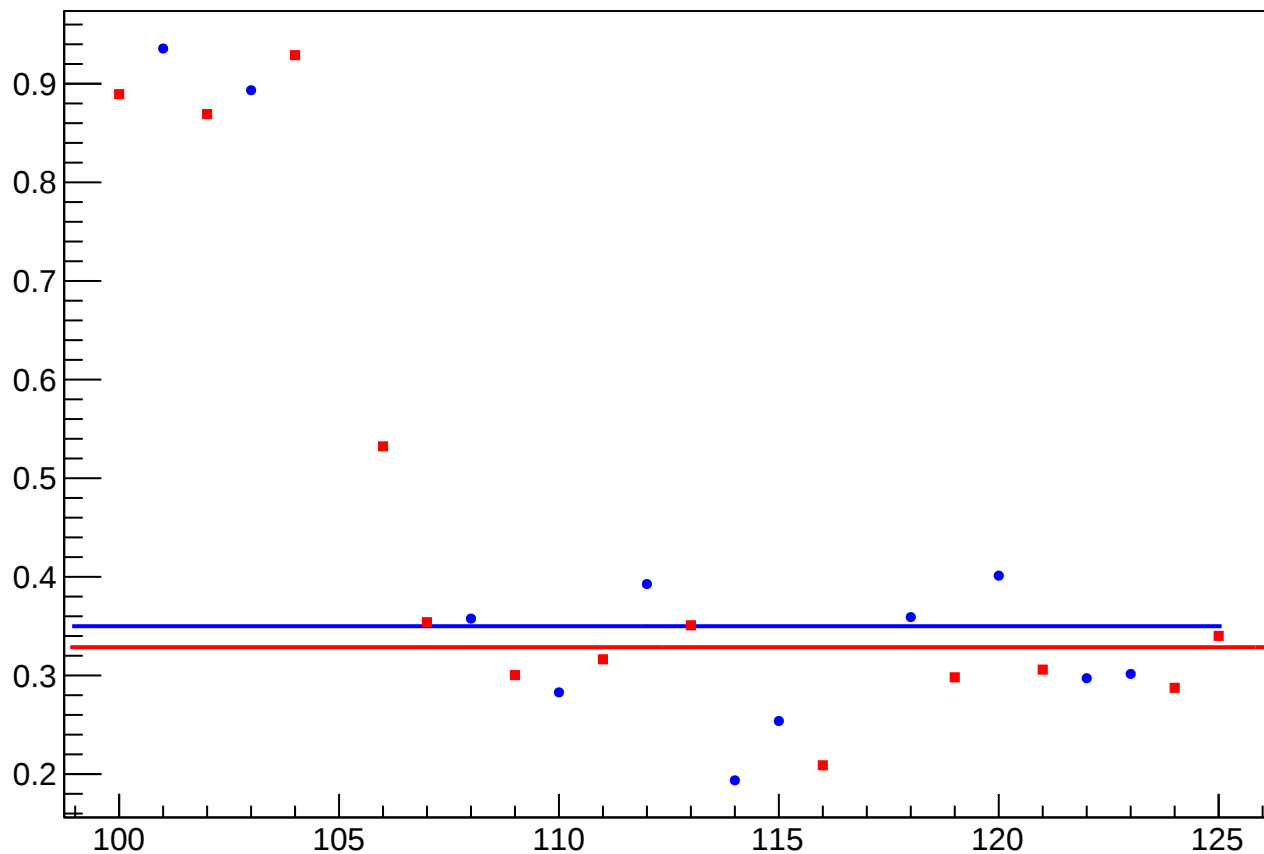
All: 0.335+/-0.000 χ^2/NDF : 2219585.9/23

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 146.480 $\pm$ 0.000 χ^2 /NDF: 1963170265.4/10
 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: 145.938 $\pm$ 0.000 χ^2 /NDF: 5872716507.2/23
 Right Out: 145.560 $\pm$ 0.000 χ^2 /NDF: 3897488671.3/12
 In: 146.480 $\pm$ 0.000 χ^2 /NDF: 1963170265.4/10
 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: 145.938 $\pm$ 0.000 χ^2 /NDF: 5872716507.2

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.350+/-0.000 χ^2/NDF : 1085864.6/10

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

Right Out: 0.329+/-0.000 χ^2/NDF : 1119214.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

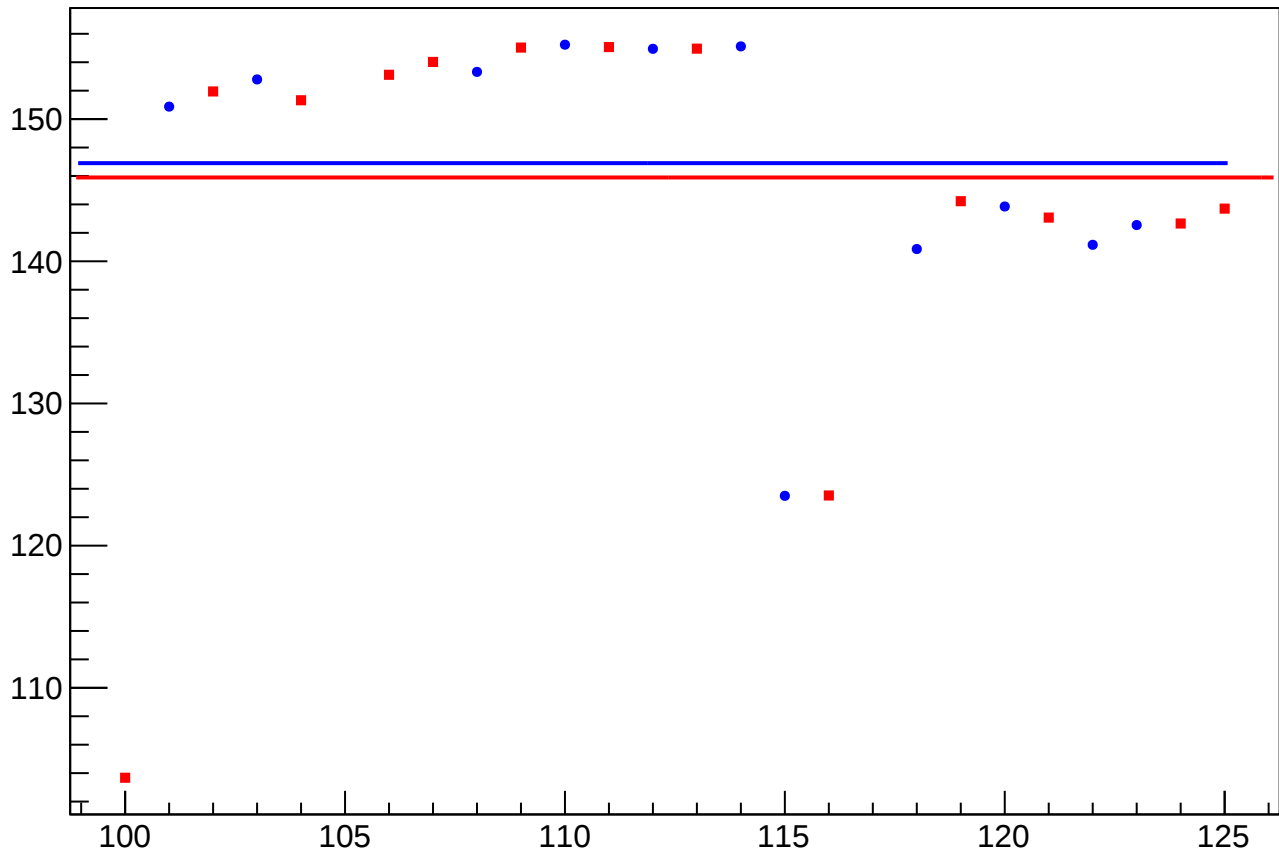
Right: 0.337+/-0.000 χ^2/NDF : 2218041.5/23

In: 0.350+/-0.000 χ^2/NDF : 1085864.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.337+/-0.000 χ^2/NDF : 2218041.5/23

yield_bcm_an_us_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 146.309+/-0.000 χ^2 /NDF: 6232587194.5/23

In: 146.902+/-0.000 χ^2 /NDF: 2090225362.1/10

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 146.309+/-0.000 χ^2 /NDF: 6232587194.5

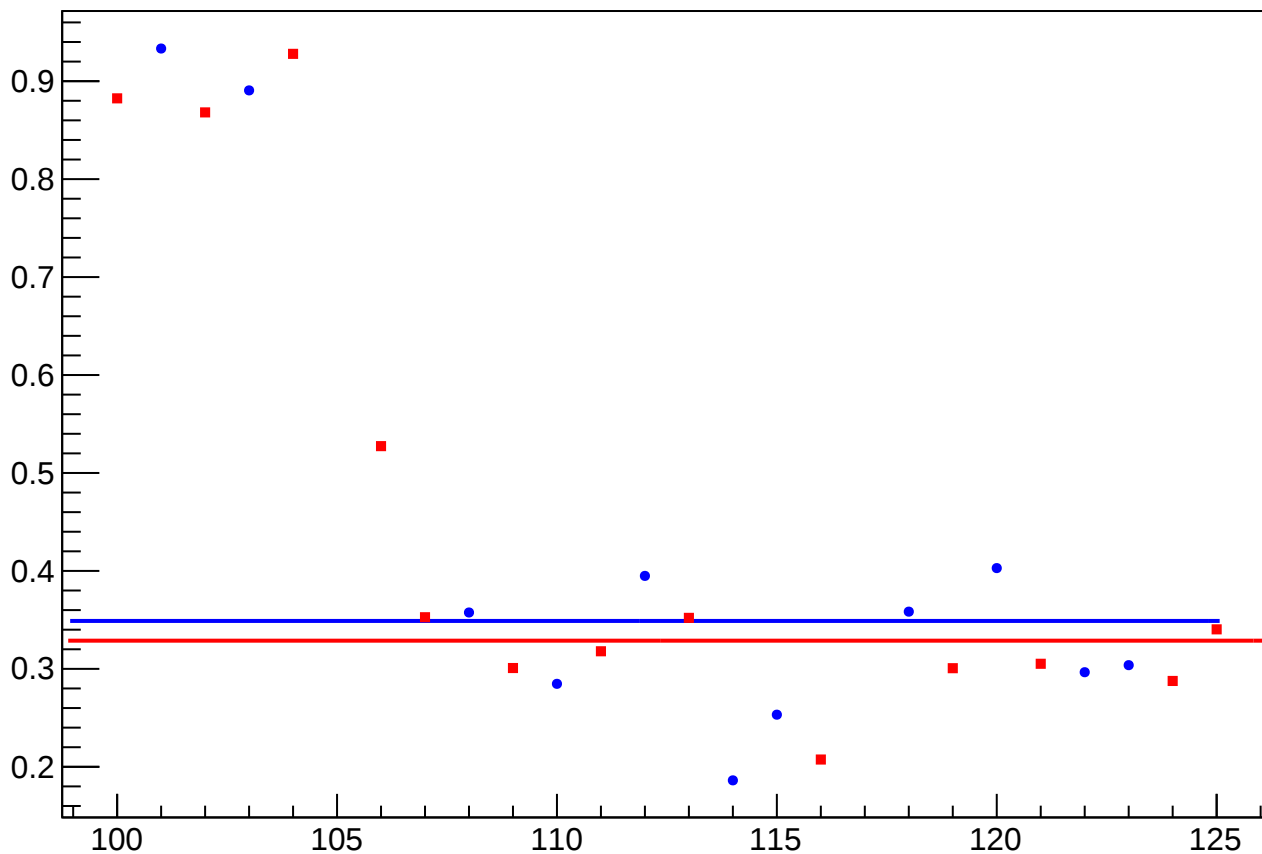
Right In: 146.902+/-0.000 χ^2 /NDF: 2090225362.1/10

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

Right Out: 145.894+/-0.000 χ^2 /NDF: 4127863622.4/12

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

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.349+/-0.000 χ^2/NDF : 1099890.8/10

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

Right Out: 0.329+/-0.000 χ^2/NDF : 1119134.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

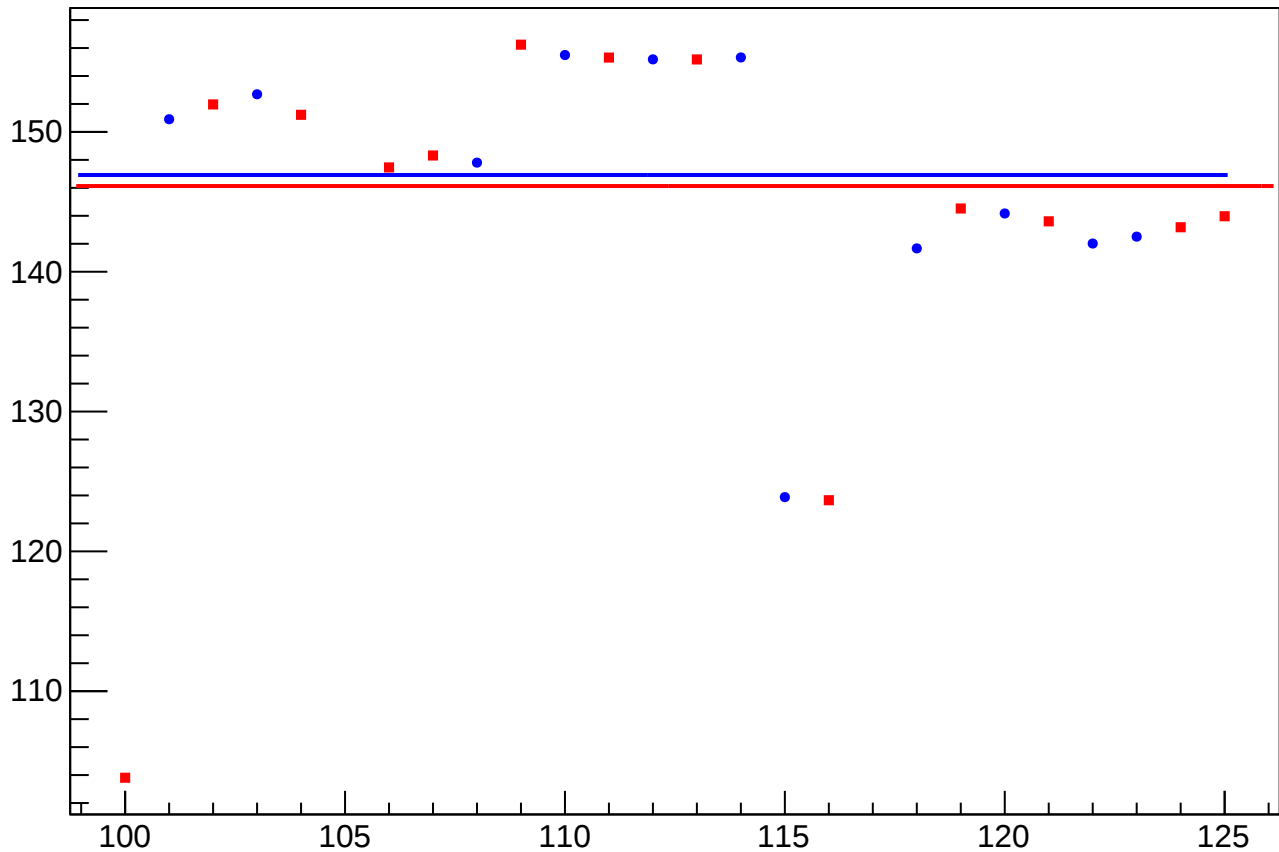
Right: 0.337+/-0.000 χ^2/NDF : 2230607.8/23

In: 0.349+/-0.000 χ^2/NDF : 1099890.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.337+/-0.000 χ^2/NDF : 2230607.8/23

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right In: 146.919+/-0.000 χ^2/NDF : 1736874374.9/10

Right: 146.458+/-0.000 χ^2/NDF : 5290308136.2/23

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

In: 146.919+/-0.000 χ^2/NDF : 1736874374.9/10

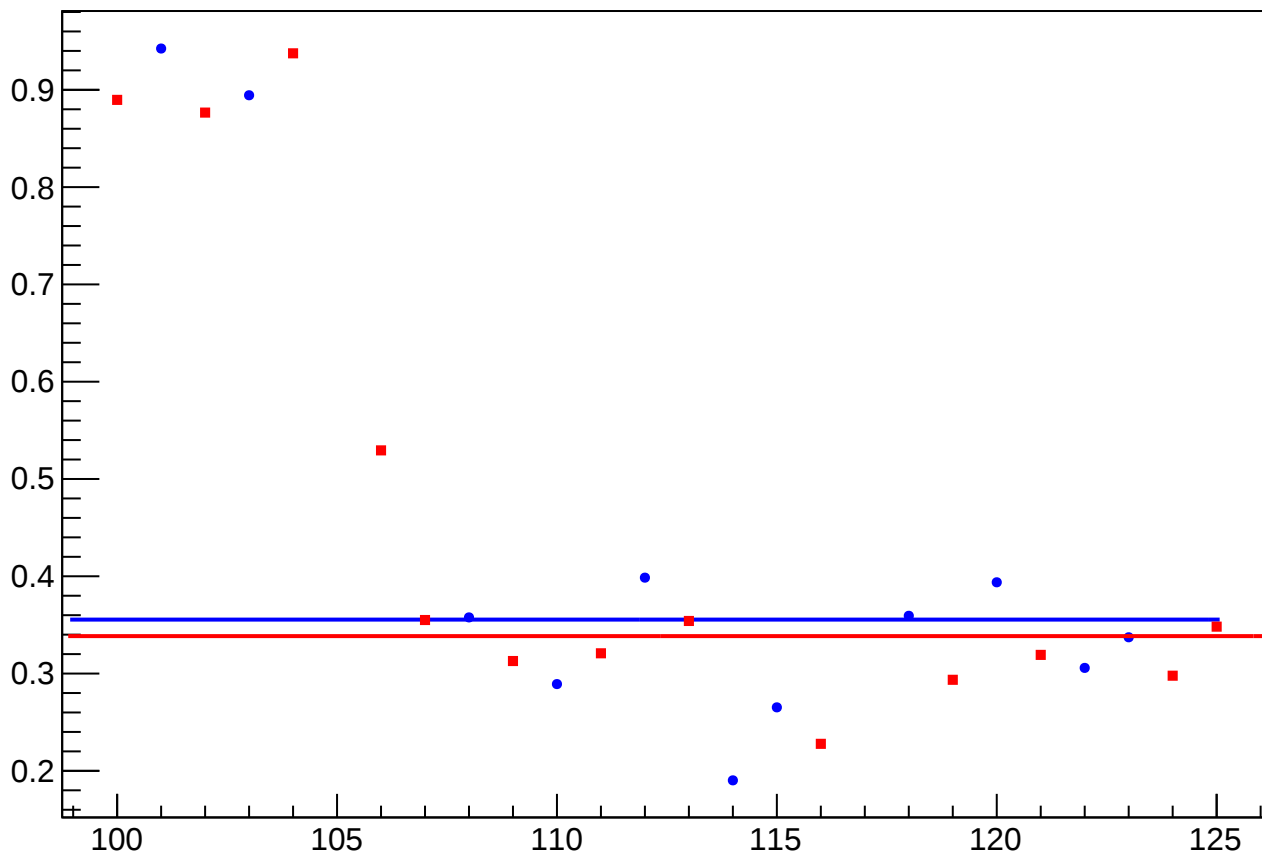
Right Out: 146.129+/-0.000 χ^2/NDF : 3544906028.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

All: 146.458+/-0.000 χ^2/NDF : 5290308136.2

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.355+/-0.000 χ^2/NDF : 1067899.6/10

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

Right Out: 0.338+/-0.000 χ^2/NDF : 1054702.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

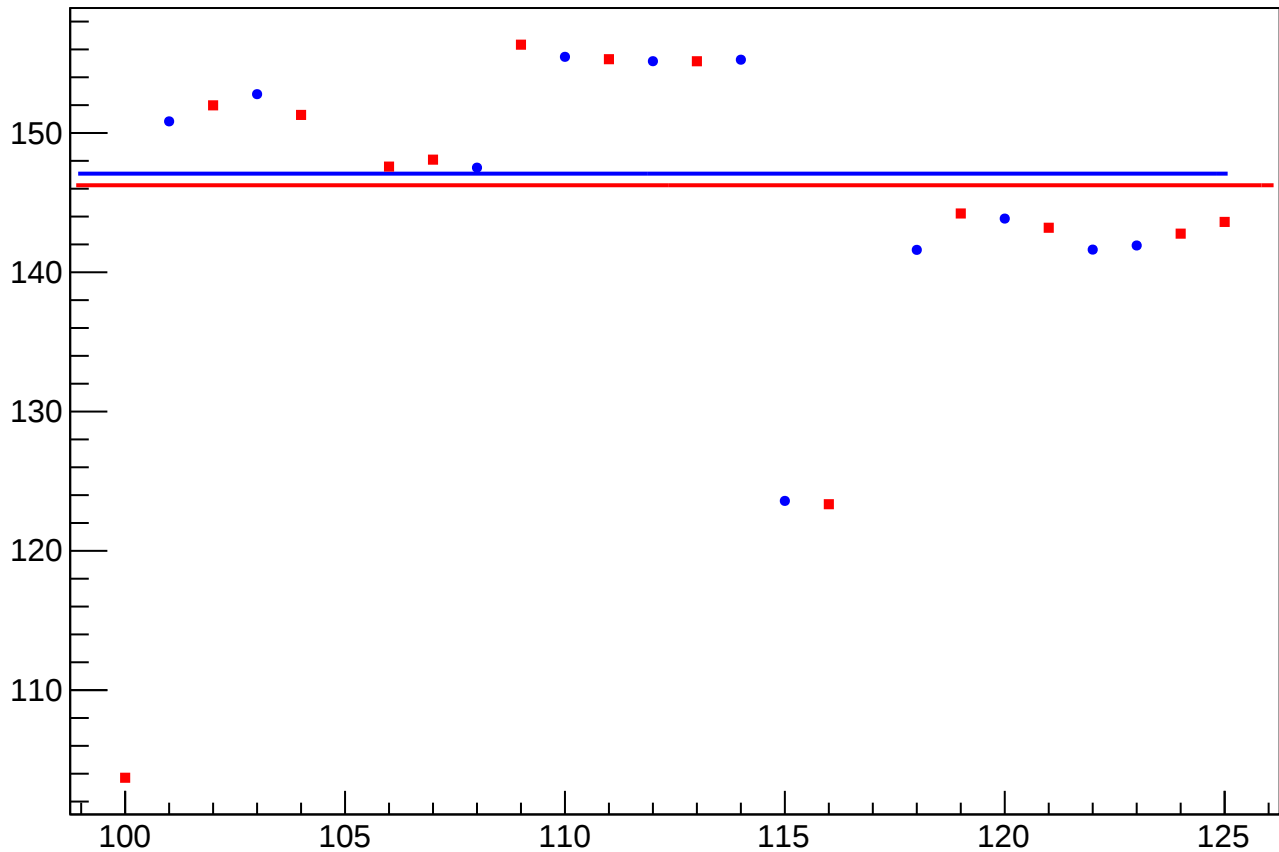
Right: 0.346+/-0.000 χ^2/NDF : 2130484.3/23

In: 0.355+/-0.000 χ^2/NDF :1067899.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.346+/-0.000 χ^2/NDF : 2130484.3/23

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 147.082+/-0.000 χ^2/NDF : 1765844106.4/10

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

Right Out: 146.248+/-0.000 χ^2/NDF : 3599513083.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

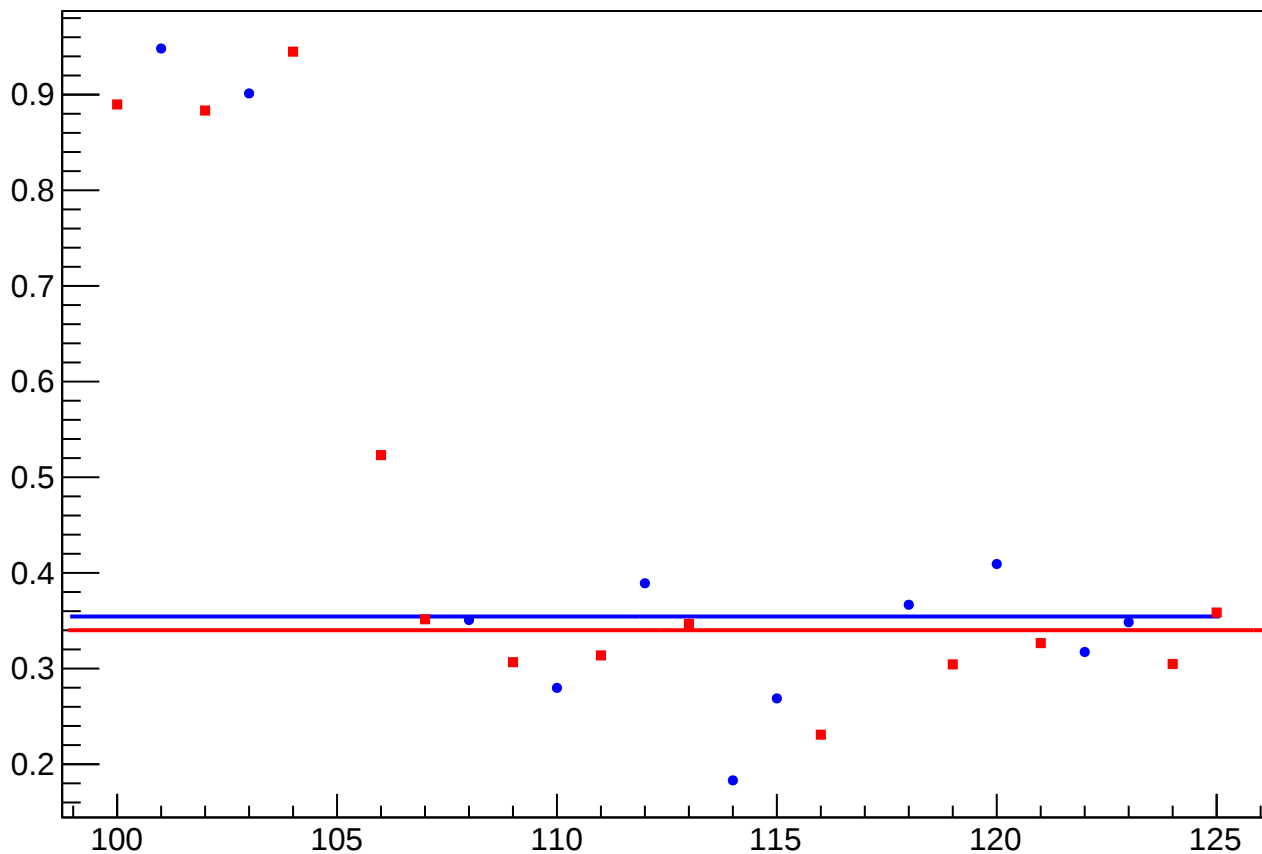
Right: 146.597+/-0.000 χ^2/NDF : 5374839672.6/23

In: 147.082+/-0.000 χ^2/NDF : 1765844106.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.597+/-0.000 χ^2/NDF : 5374839672.6

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.354+/-0.000 χ^2/NDF : 1095891.7/10

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

Right Out: 0.340+/-0.000 χ^2/NDF : 1042785.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

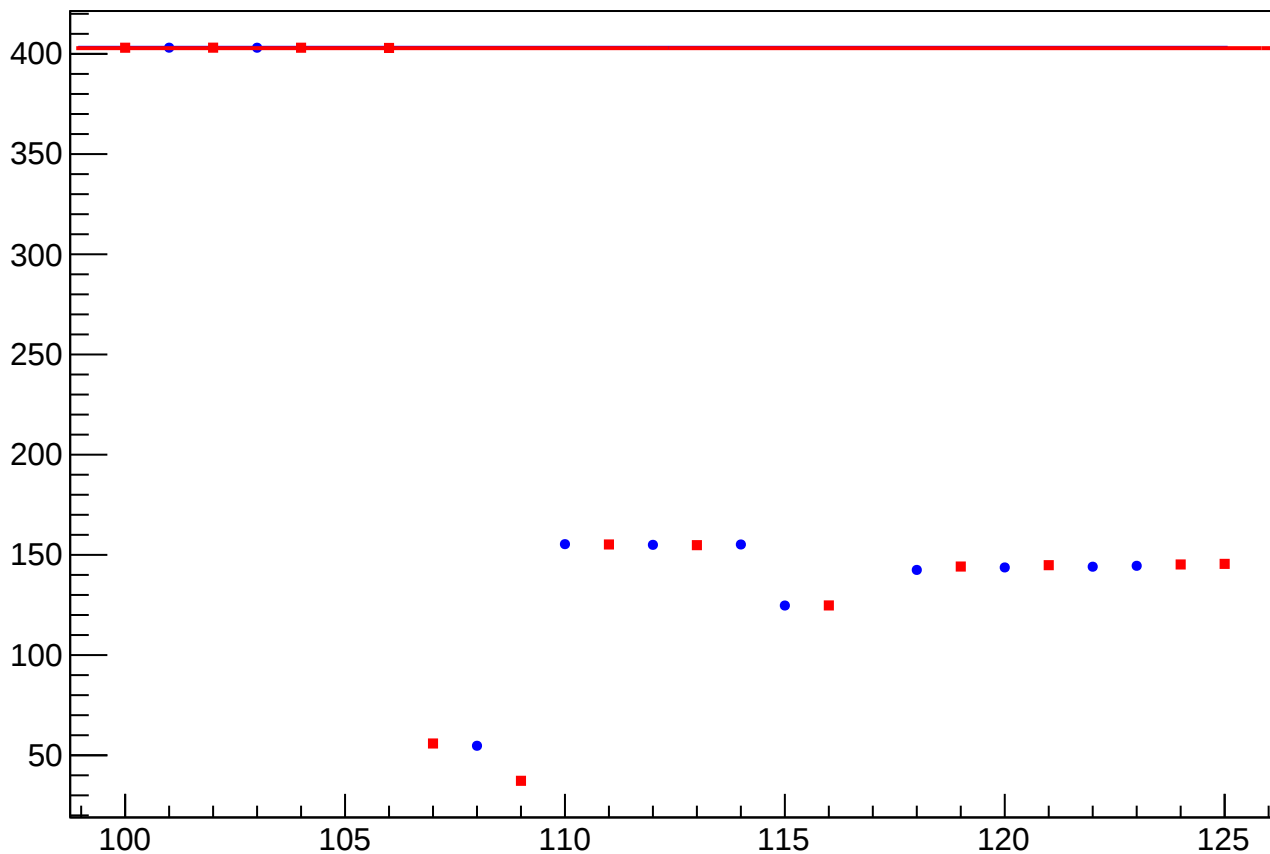
Right: 0.346+/-0.000 χ^2/NDF : 2144291.5/23

In: 0.354+/-0.000 χ^2/NDF :1095891.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

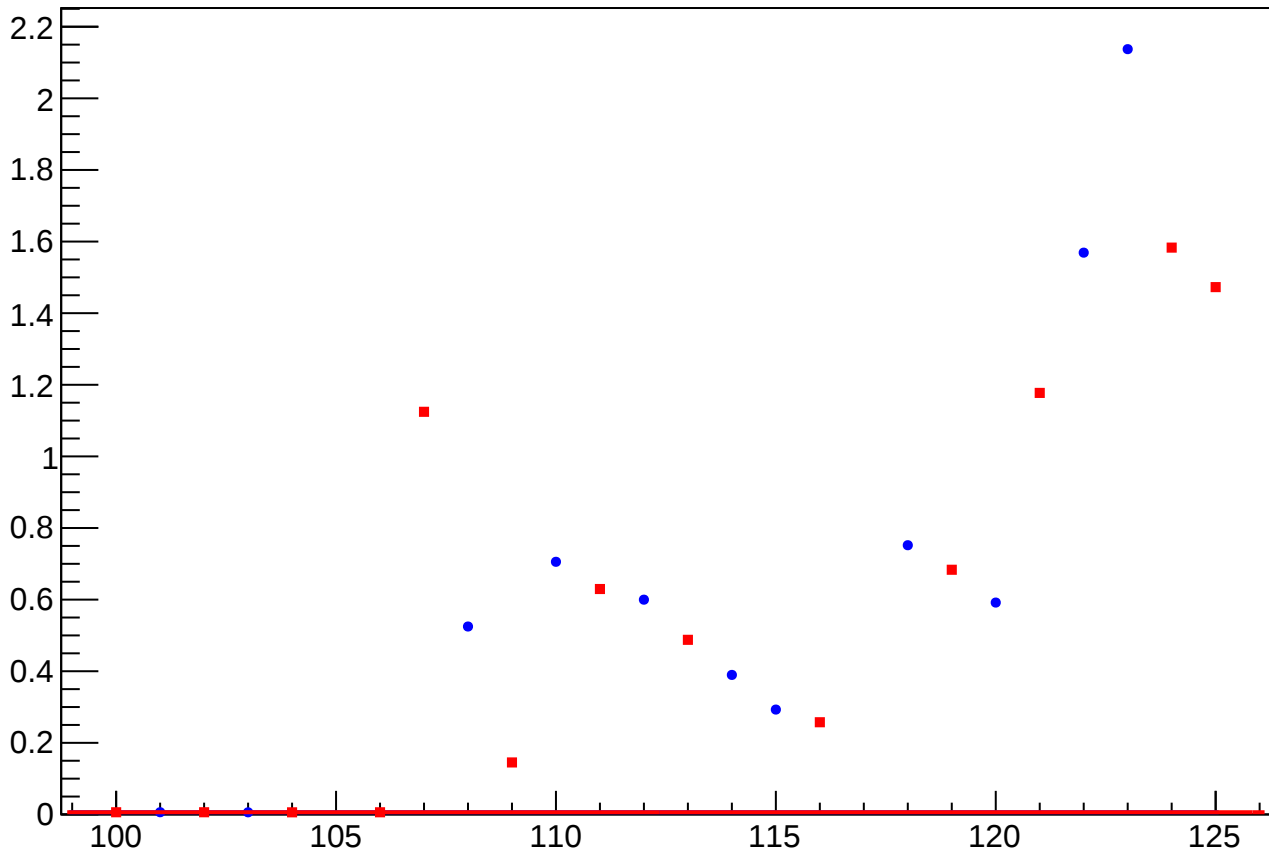
All: 0.346+/-0.000 χ^2/NDF : 2144291.5/23

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 403.033+/-0.000 χ^2/NDF : 485618415119.5/10
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 402.853+/-0.000 χ^2/NDF : 2609843827703.2/12
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 402.937+/-0.000 χ^2/NDF : 3096002737664.0/10

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 4342522.0/10

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

Right Out: 0.006+/-0.000 χ^2/NDF : 5218003.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

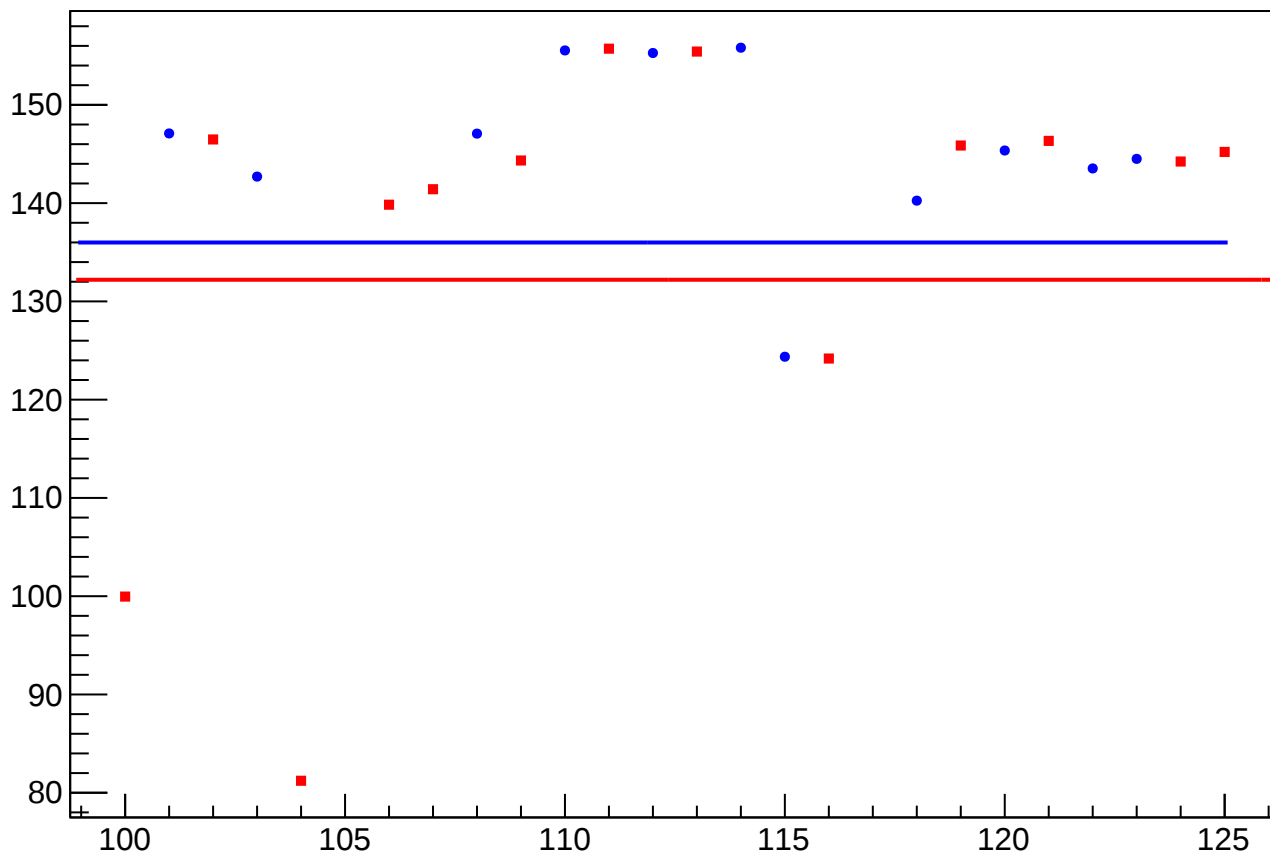
Right: 0.006+/-0.000 χ^2/NDF : 9560557.0/23

In: 0.006+/-0.000 χ^2/NDF :4342522.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

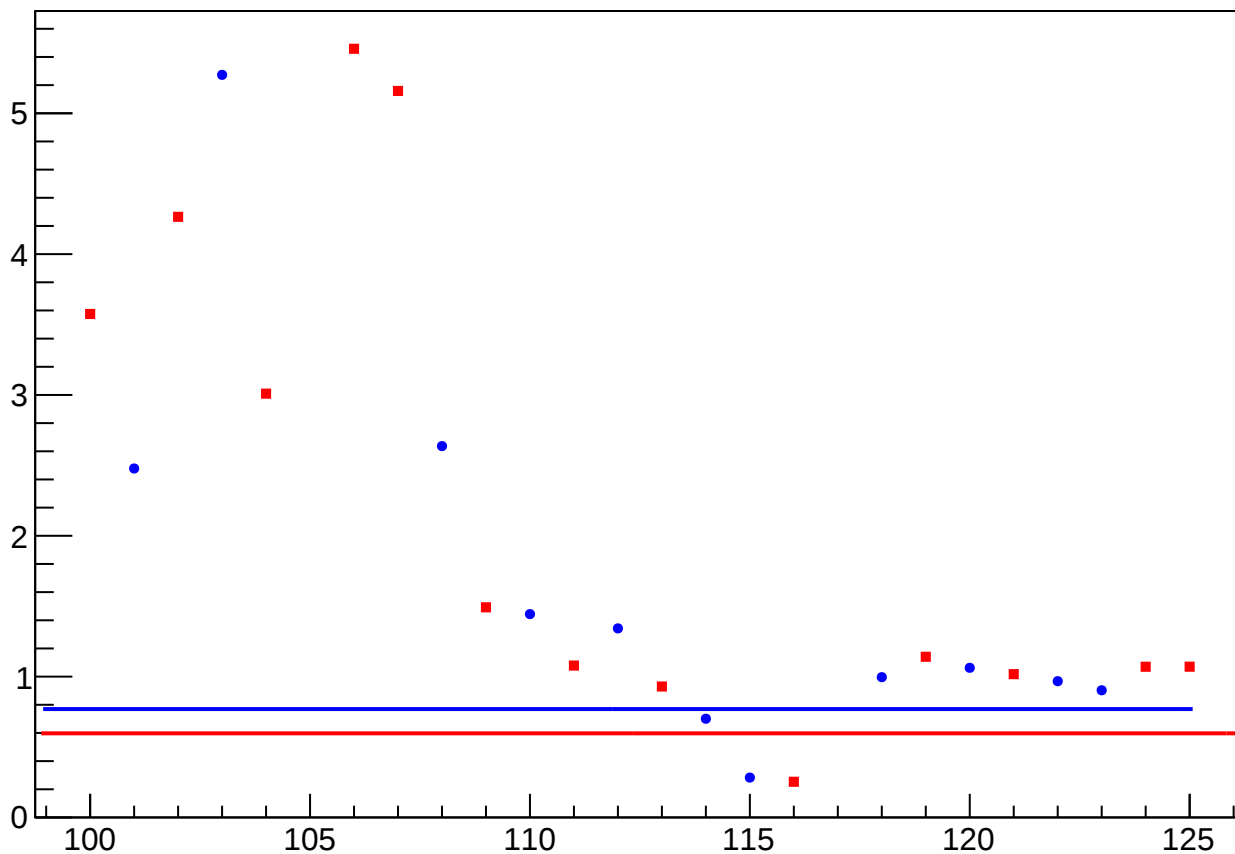
All: 0.006+/-0.000 χ^2/NDF : 9560557.0/23

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 135.993 $\pm$ 0.001 χ^2 /NDF: 477615510.4/10
 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: 133.598 $\pm$ 0.000 χ^2 /NDF: 1446515728.6/23
 In: 135.993 $\pm$ 0.001 χ^2 /NDF: 477615510.4/10
 Right Out: 132.202 $\pm$ 0.000 χ^2 /NDF: 939272547.2/12
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 133.598 $\pm$ 0.000 χ^2 /NDF: 1446515728.6

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.770 $\pm$ 0.000 χ^2 /NDF: 2750581.7/10

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

Right Out: 0.597 $\pm$ 0.000 χ^2 /NDF: 4202517.3/12

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

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

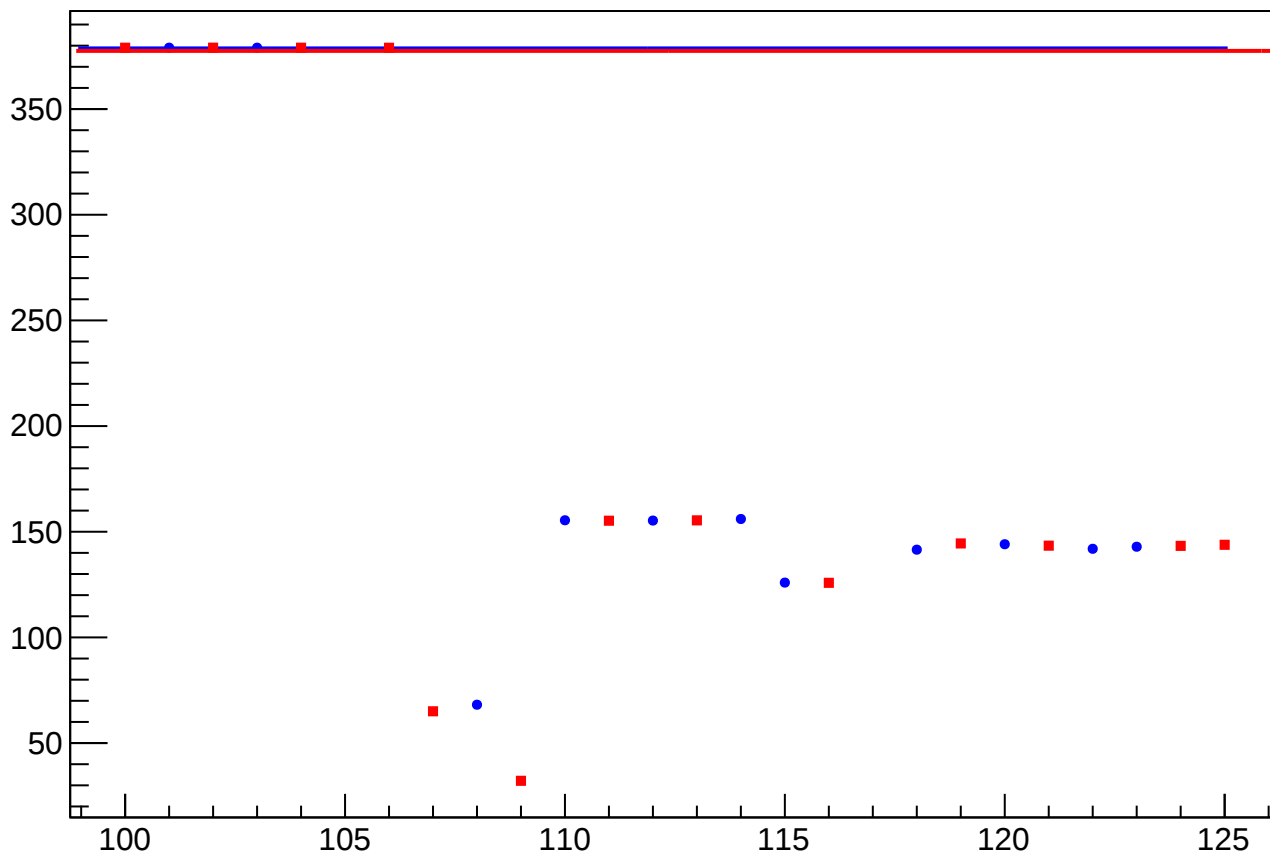
Right: 0.661 $\pm$ 0.000 χ^2 /NDF: 7075630.6/23

In: 0.770 $\pm$ 0.000 χ^2 /NDF:2750581.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

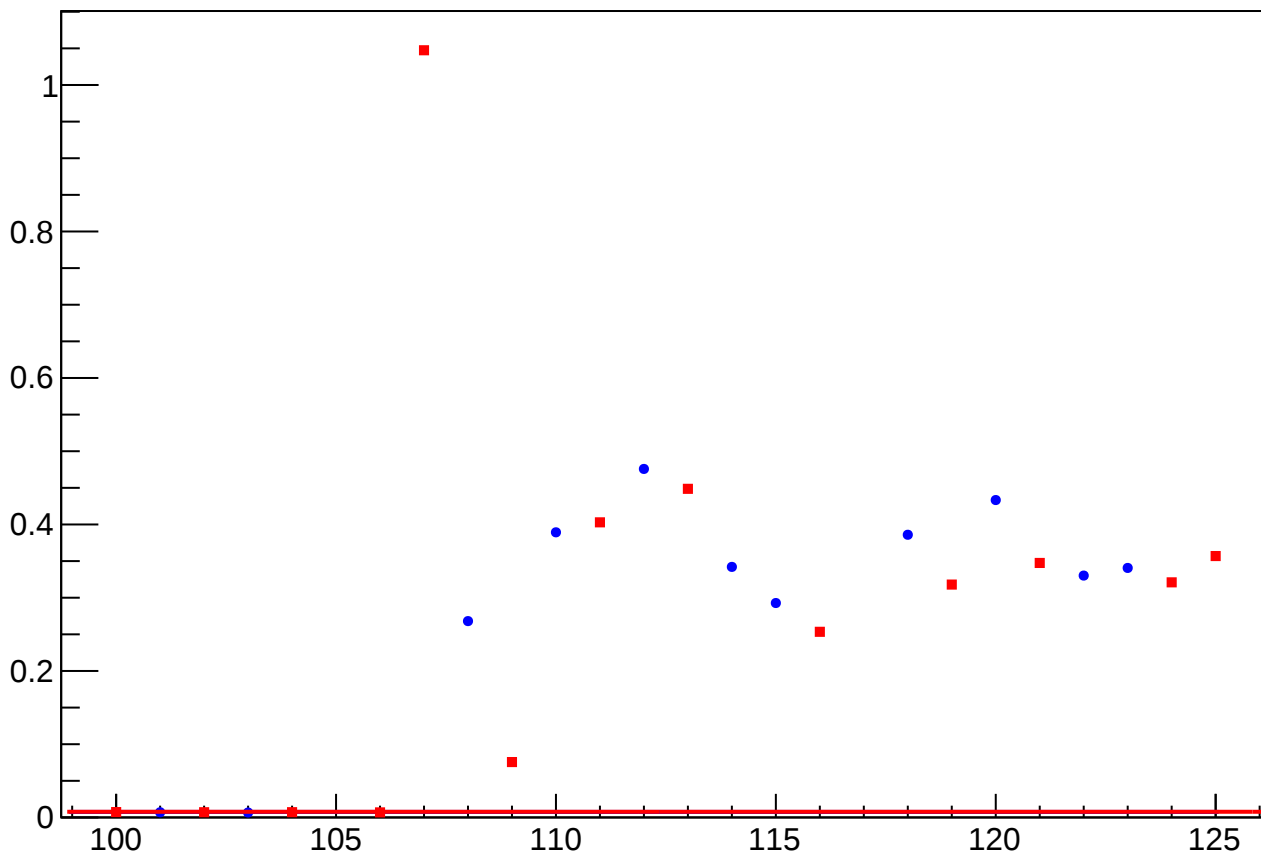
All: 0.661 $\pm$ 0.000 χ^2 /NDF: 7075630.6/23

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 378.700+/-0.000 χ^2/NDF : 1198648000549.1/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 377.533+/-0.000 χ^2/NDF : 7413104676718.8/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 378.078+/-0.000 χ^2/NDF : 8621385808680.6

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 4600696.3/10

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

Right Out: 0.008+/-0.000 χ^2/NDF : 5302948.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

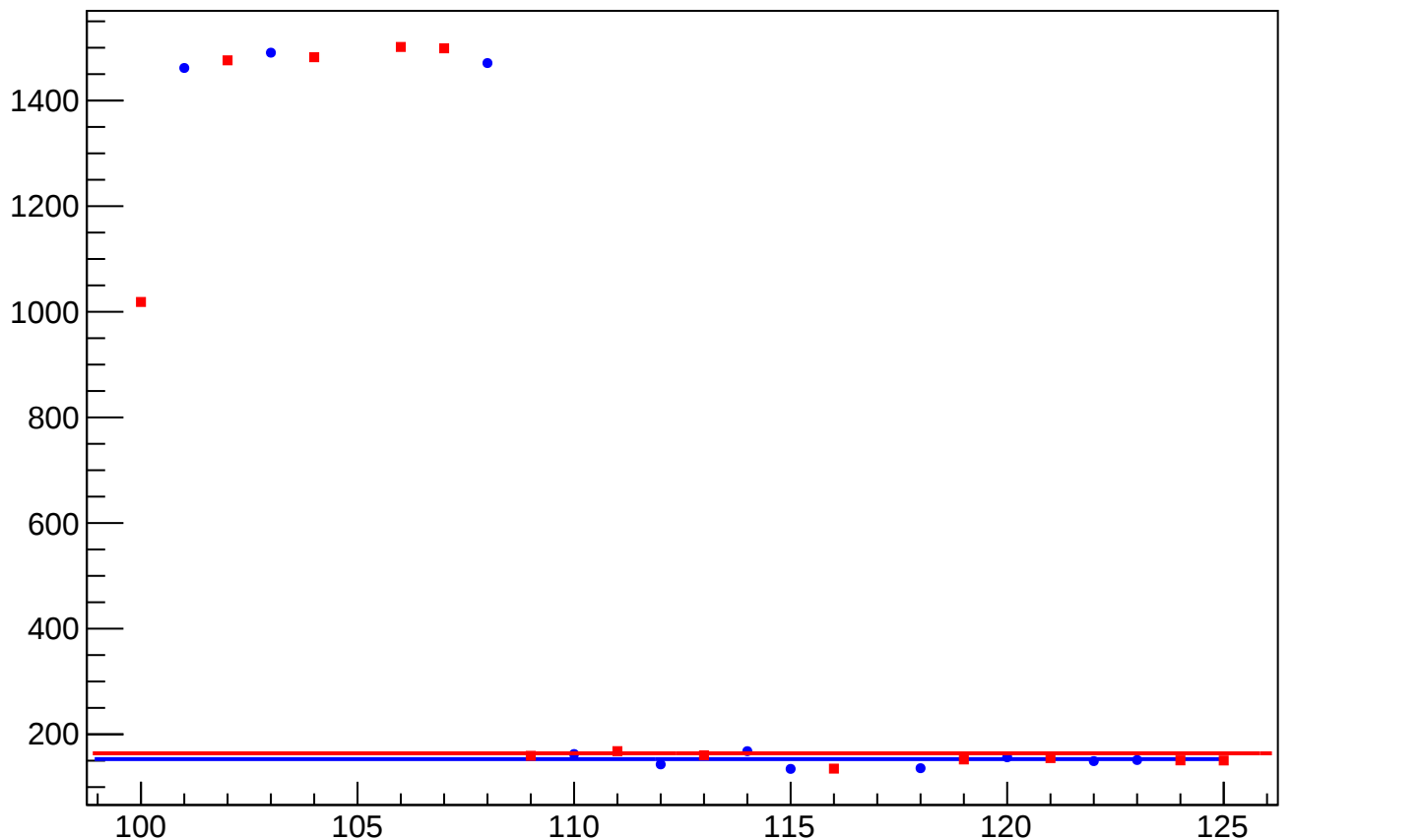
Right: 0.008+/-0.000 χ^2/NDF : 9904390.4/23

In: 0.008+/-0.000 χ^2/NDF : 4600696.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

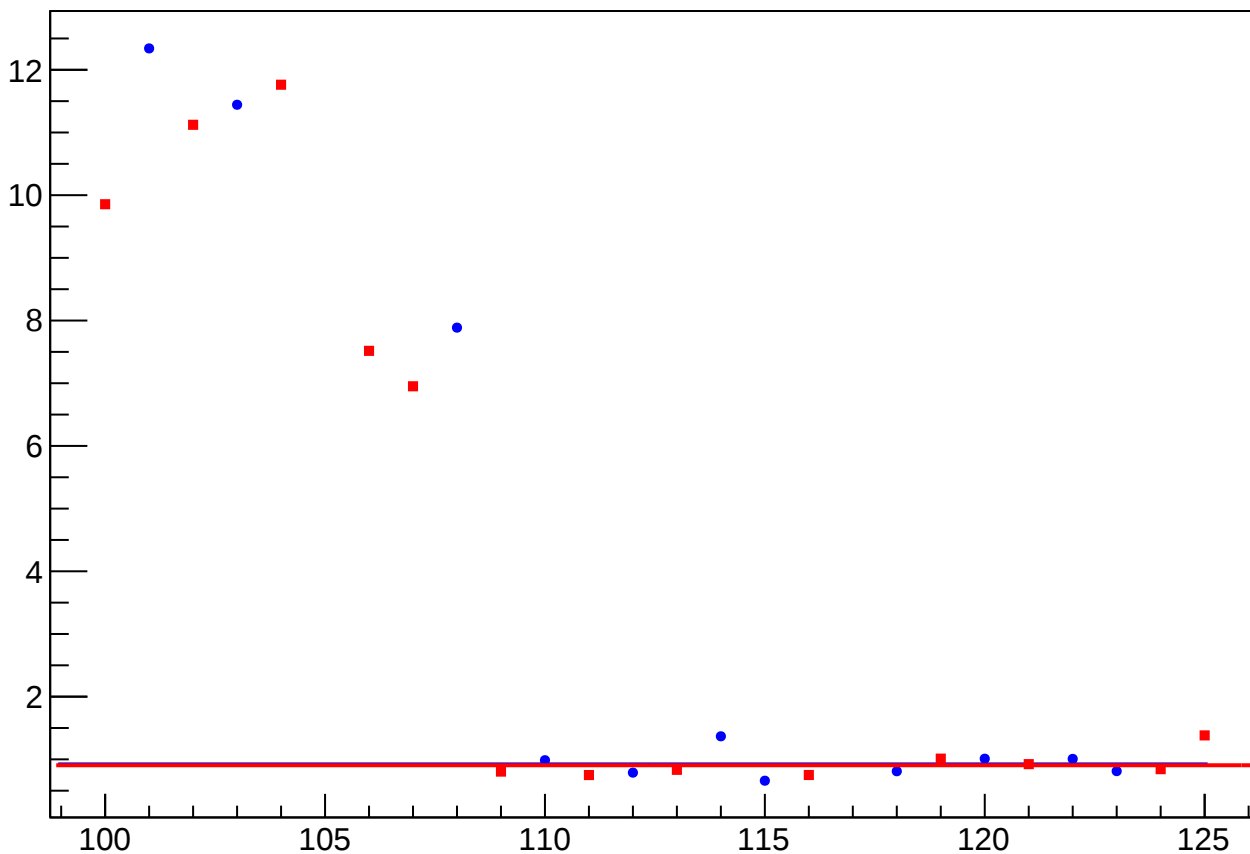
All: 0.008+/-0.000 χ^2/NDF : 9904390.4/23

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 153.041+/-0.001 χ^2/NDF : 24064583138.3/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 163.991+/-0.001 χ^2/NDF : 32879729019.4/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 159.172+/-0.000 χ^2/NDF : 57100711748.7/23

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.919+/-0.000 χ^2/NDF : 2541394.4/10

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

Right Out: 0.906+/-0.000 χ^2/NDF : 2739140.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

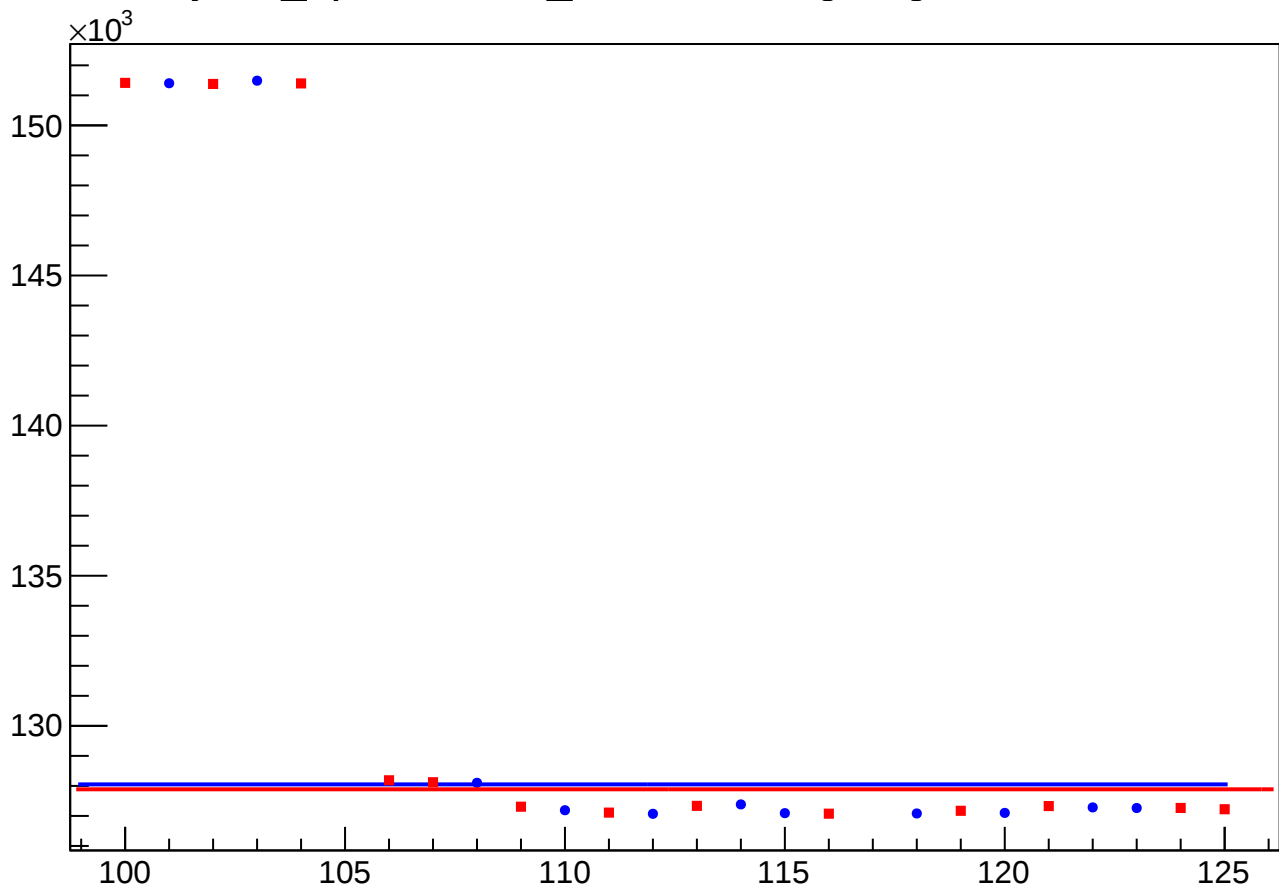
Right: 0.912+/-0.000 χ^2/NDF : 5281008.0/23

In: 0.919+/-0.000 χ^2/NDF : 2541394.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

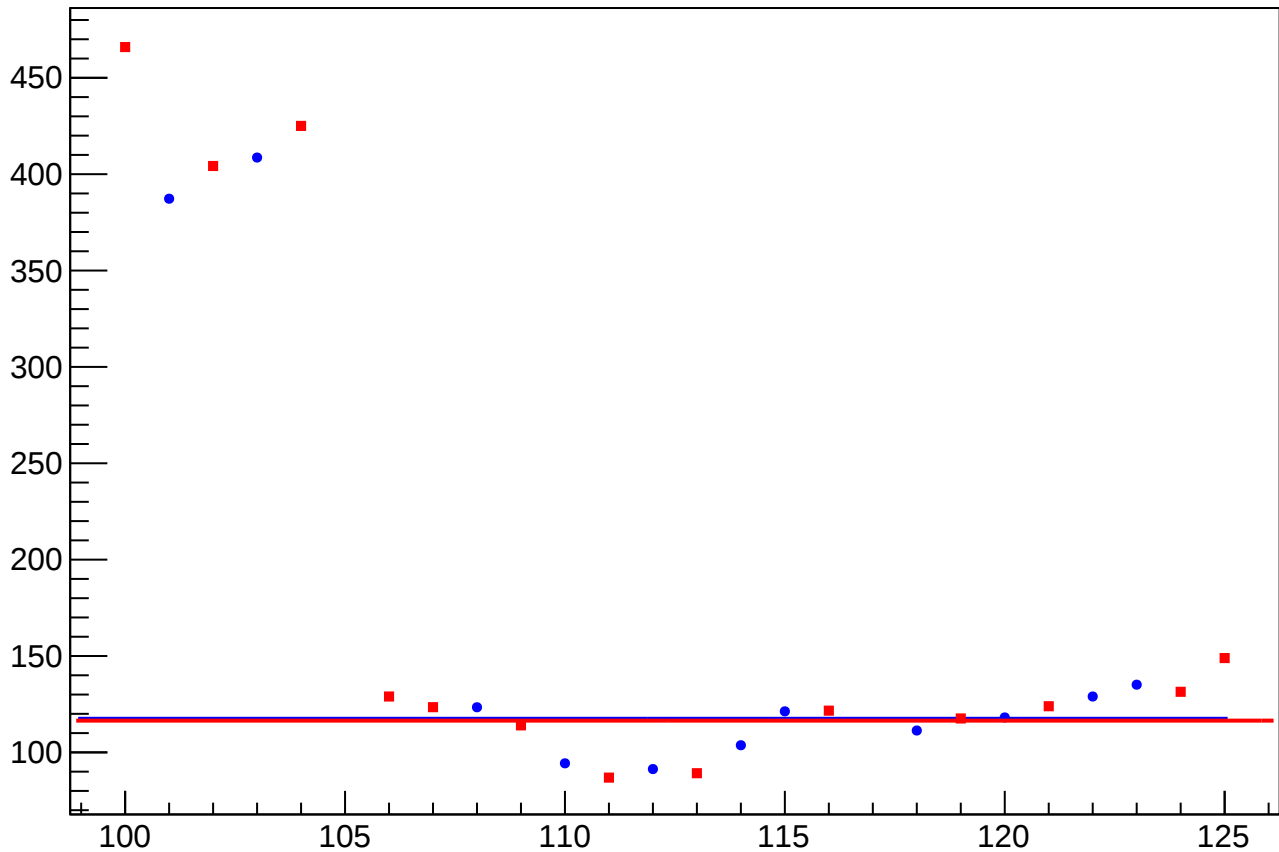
All: 0.912+/-0.000 χ^2/NDF : 5281008.0/23

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 128050.317 $\pm$ 0.067 χ^2 /NDF: 4152362608.7/10
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 127886.734 $\pm$ 0.058 χ^2 /NDF: 3637562470.7/12
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 127957.306 $\pm$ 0.044 χ^2 /NDF: 7793302362.9/10
 In: 128050.317 $\pm$ 0.067 χ^2 /NDF:4152362608.7/10
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 127957.306 $\pm$ 0.044 χ^2 /NDF: 7793302362.9/10

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 117.424+/-0.047 χ^2/NDF : 1268885.4/10

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

Right Out: 116.476+/-0.041 χ^2/NDF : 1370310.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

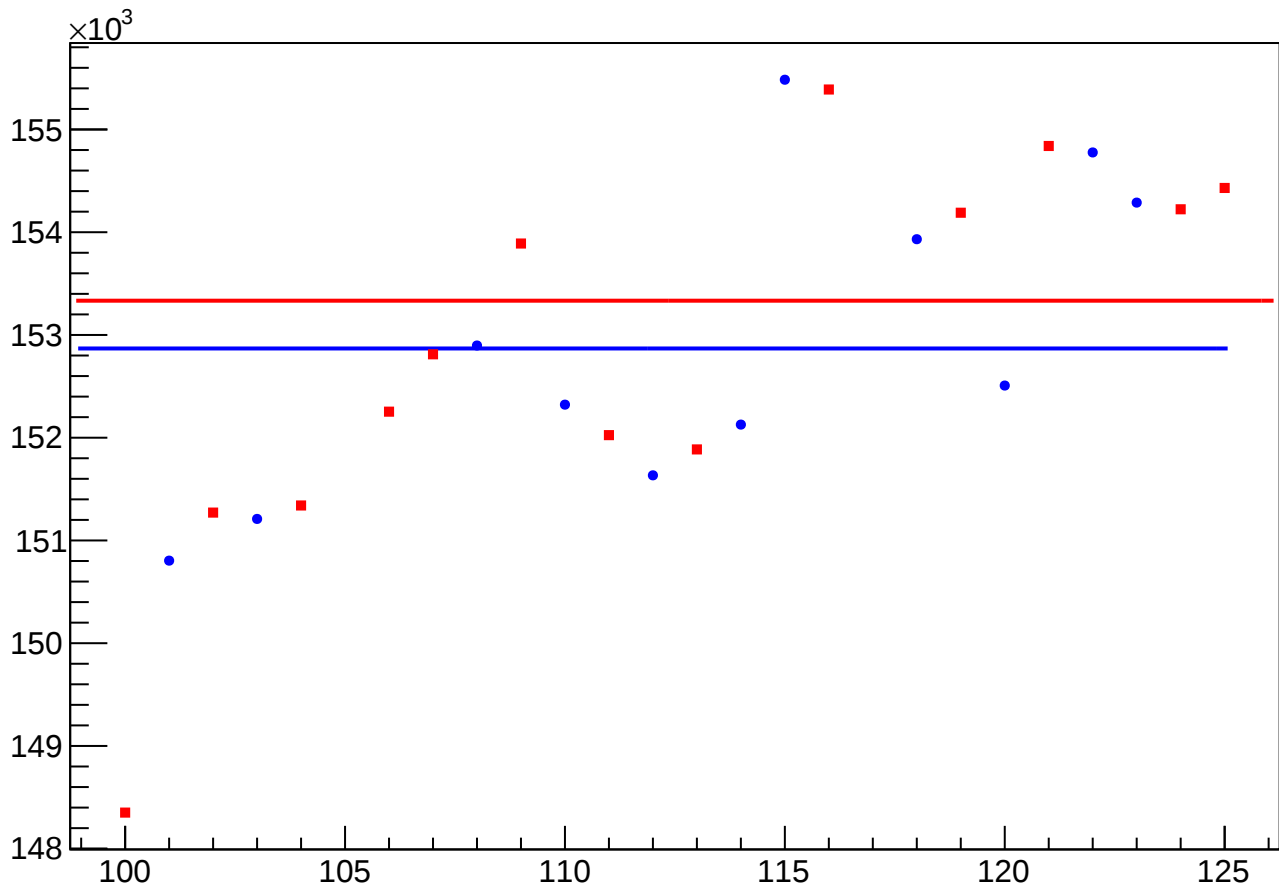
Right: 116.885+/-0.031 χ^2/NDF : 2639422.1/23

In: 117.424+/-0.047 χ^2/NDF : 1268885.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.885+/-0.031 χ^2/NDF : 2639422.1/23

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 152868.514+/-0.102 χ^2 /NDF: 152668280.1/10

Right: 153150.047+/-0.064 χ^2 /NDF: 400233188.2/2

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

Right Out: 153333.573+/-0.082 χ^2 /NDF: 234899054.9/12

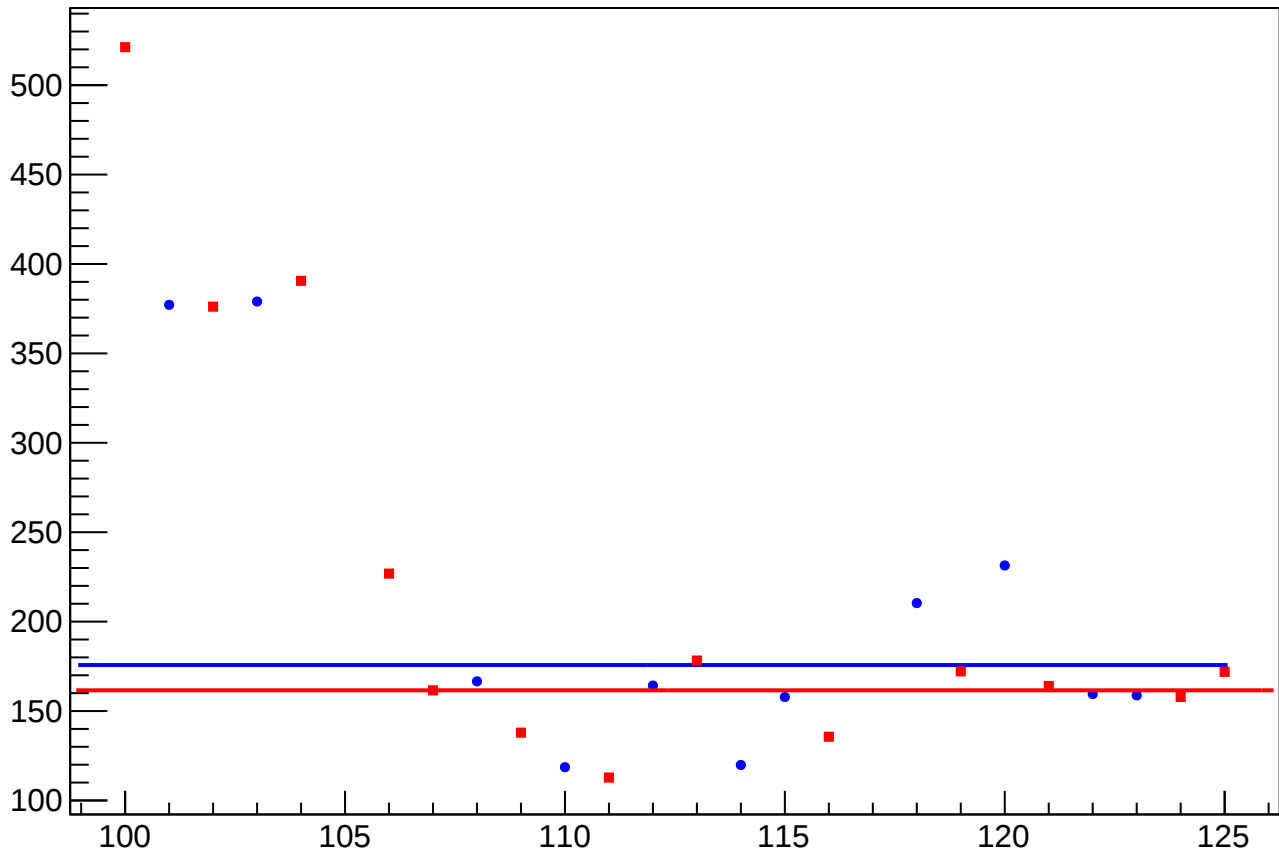
In: 152868.514+/-0.102 χ^2 /NDF: 152668280.1/10

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

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 153150.047+/-0.064 χ^2 /NDF: 400233188.2/2

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 175.724+/-0.072 χ^2/NDF : 907768.8/10

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

Right Out: 161.597+/-0.058 χ^2/NDF : 1006835.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

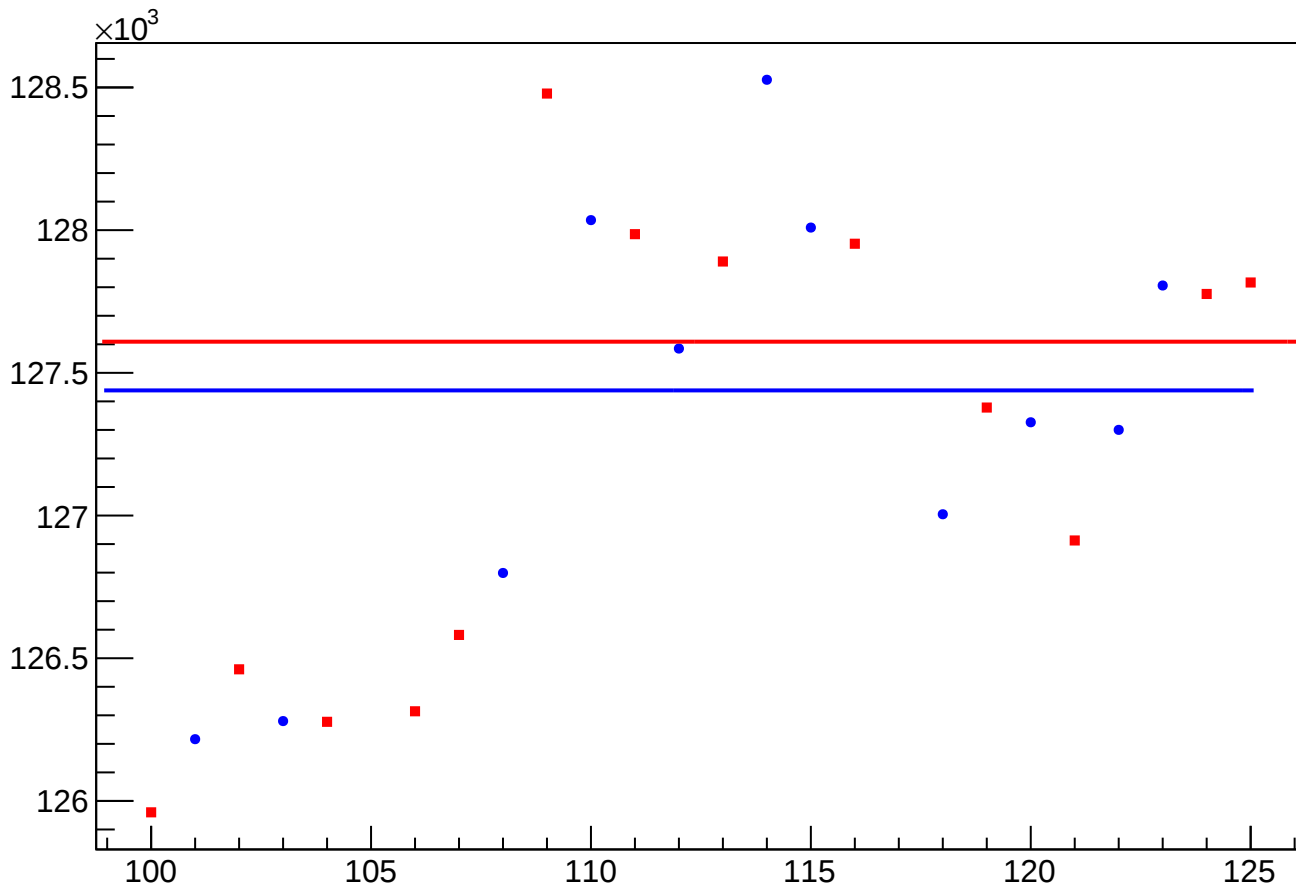
Right: 167.172+/-0.045 χ^2/NDF : 1937978.5/23

In: 175.724+/-0.072 χ^2/NDF : 907768.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

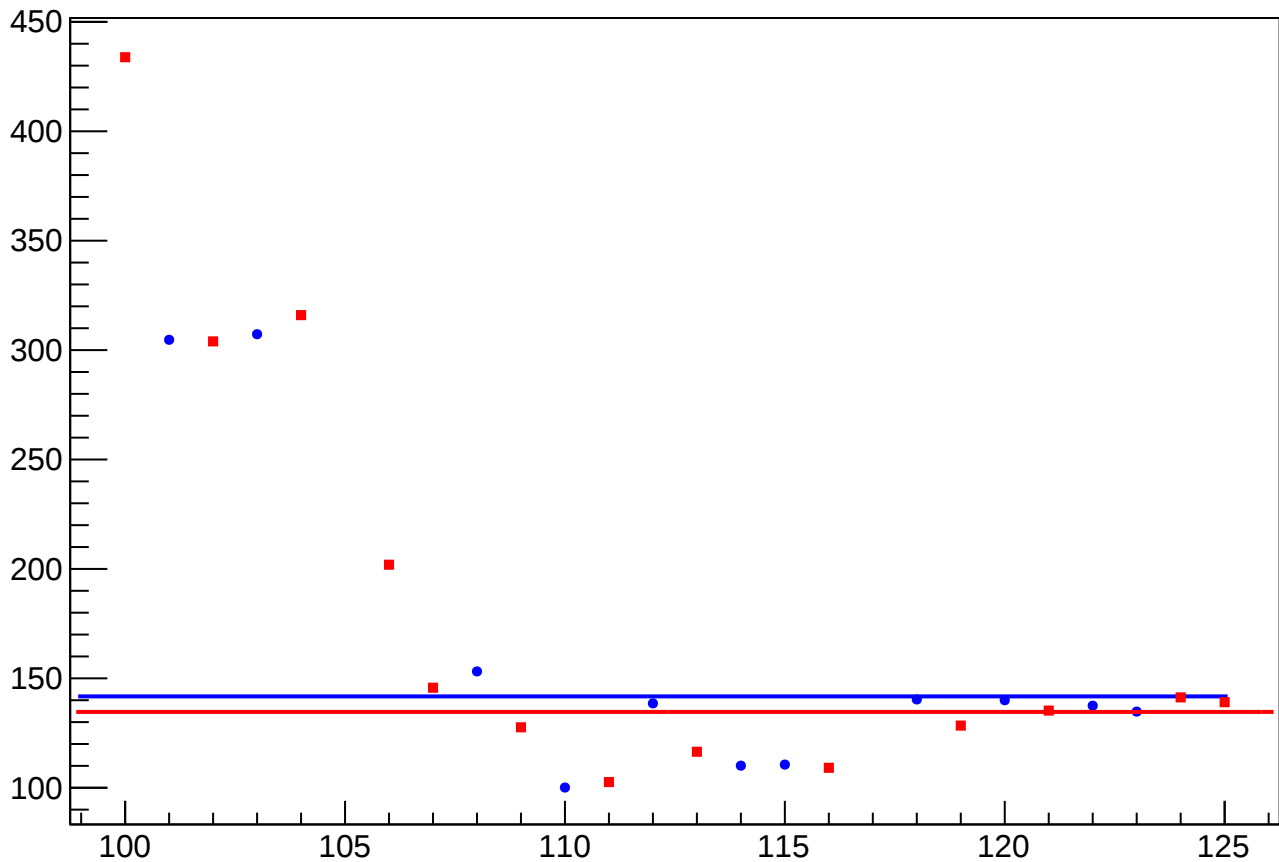
All: 167.172+/-0.045 χ^2/NDF : 1937978.5/23

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127438.471+/-0.079 χ^2/NDF : 55240475.1/10
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 127538.457+/-0.051 χ^2/NDF : 148896150.3/2
 In: 127438.471+/-0.079 χ^2/NDF : 55240475.1/10
 Right Out: 127609.188+/-0.066 χ^2/NDF : 90901997.9/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 127538.457+/-0.051 χ^2/NDF : 148896150.3/2

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 141.749+/-0.056 χ^2/NDF : 821869.6/10

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

Right Out: 134.661+/-0.047 χ^2/NDF : 924619.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

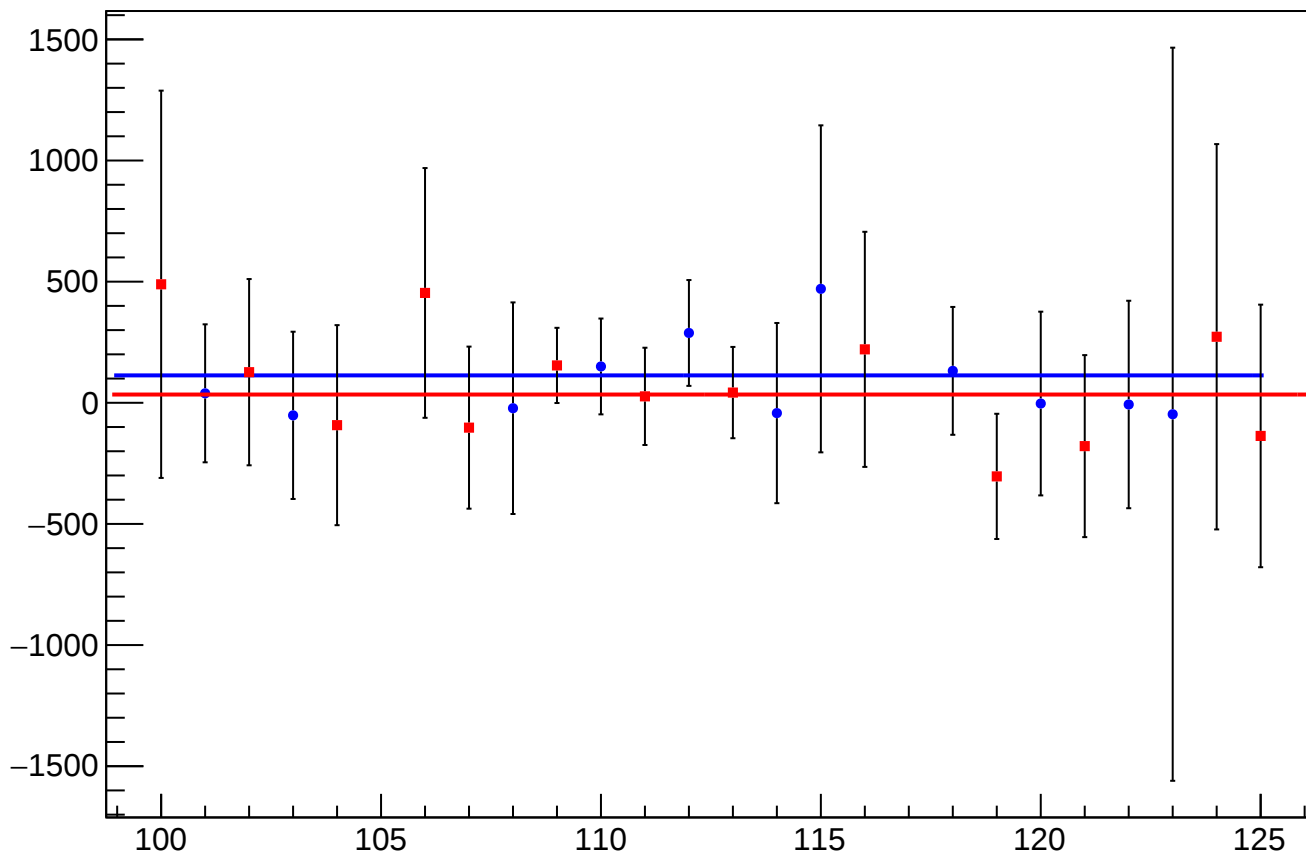
Right: 137.598+/-0.036 χ^2/NDF : 1755983.8/23

In: 141.749+/-0.056 χ^2/NDF : 821869.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.598+/-0.036 χ^2/NDF : 1755983.8/23

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 113.132 $\pm$ 95.727 χ^2 /NDF: 1.7/10

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

Right Out: 34.096 $\pm$ 80.925 χ^2 /NDF: 4.3/12

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

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

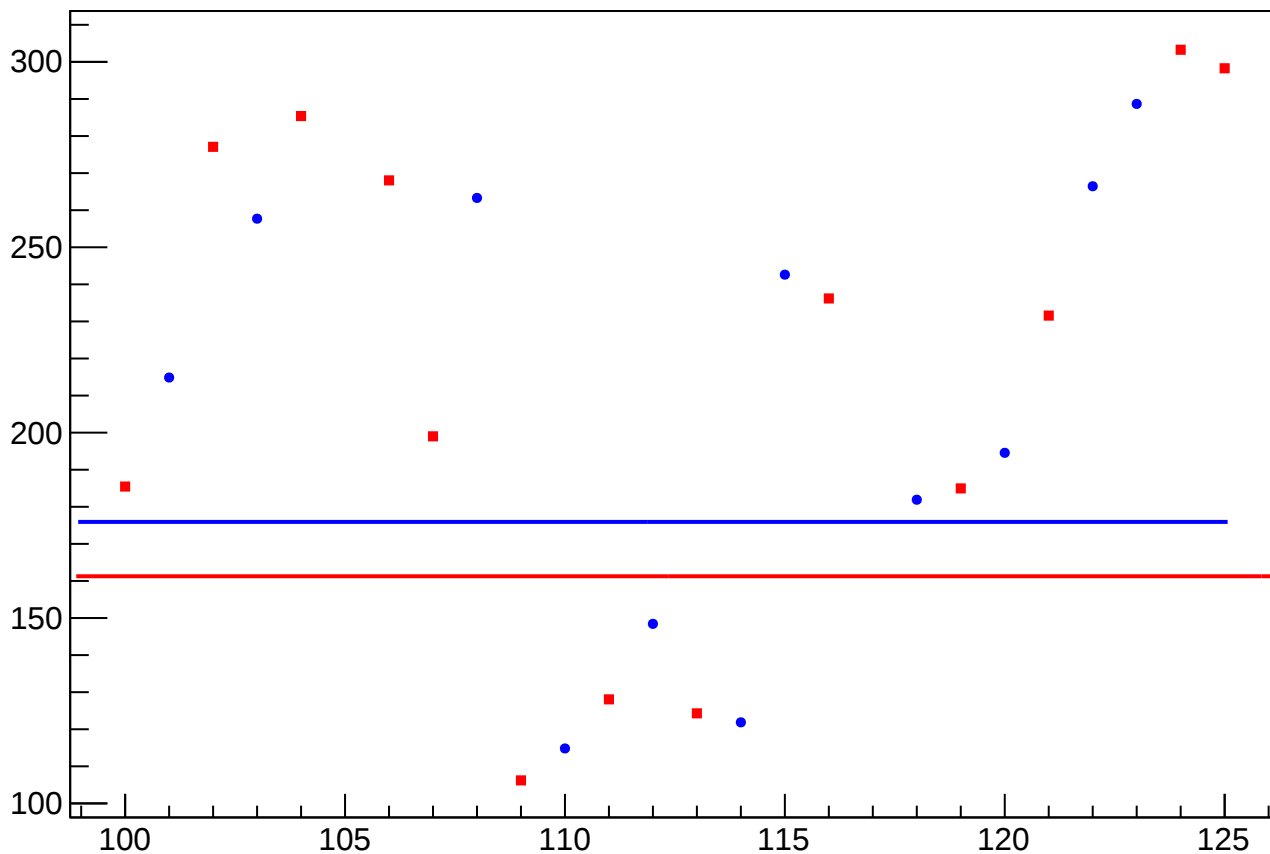
Right: 67.038 $\pm$ 61.801 χ^2 /NDF: 6.4/23

In: 113.132 $\pm$ 95.727 χ^2 /NDF: 1.7/10

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

All: 67.038 $\pm$ 61.801 χ^2 /NDF: 6.4/23

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 175.928+/-0.068 χ^2/NDF : 620488.9/10

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

Right Out: 161.265+/-0.057 χ^2/NDF : 1185082.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

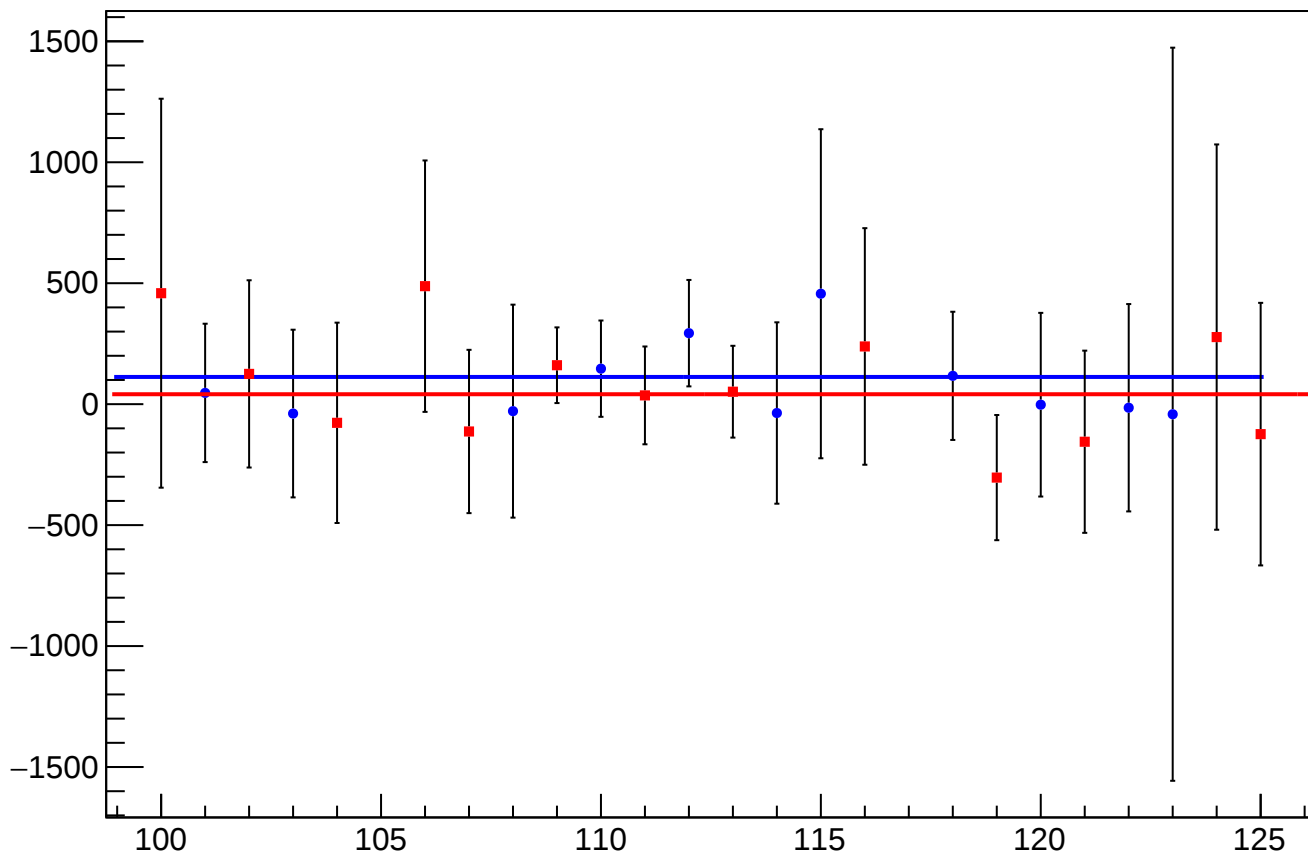
Right: 167.377+/-0.044 χ^2/NDF : 1832938.5/23

In: 175.928+/-0.068 χ^2/NDF :620488.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 167.377+/-0.044 χ^2/NDF : 1832938.5/23

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 112.505 $\pm$ 96.246 χ^2 /NDF: 1.7/10

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

Right Out: 41.046 $\pm$ 81.440 χ^2 /NDF: 4.3/12

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

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

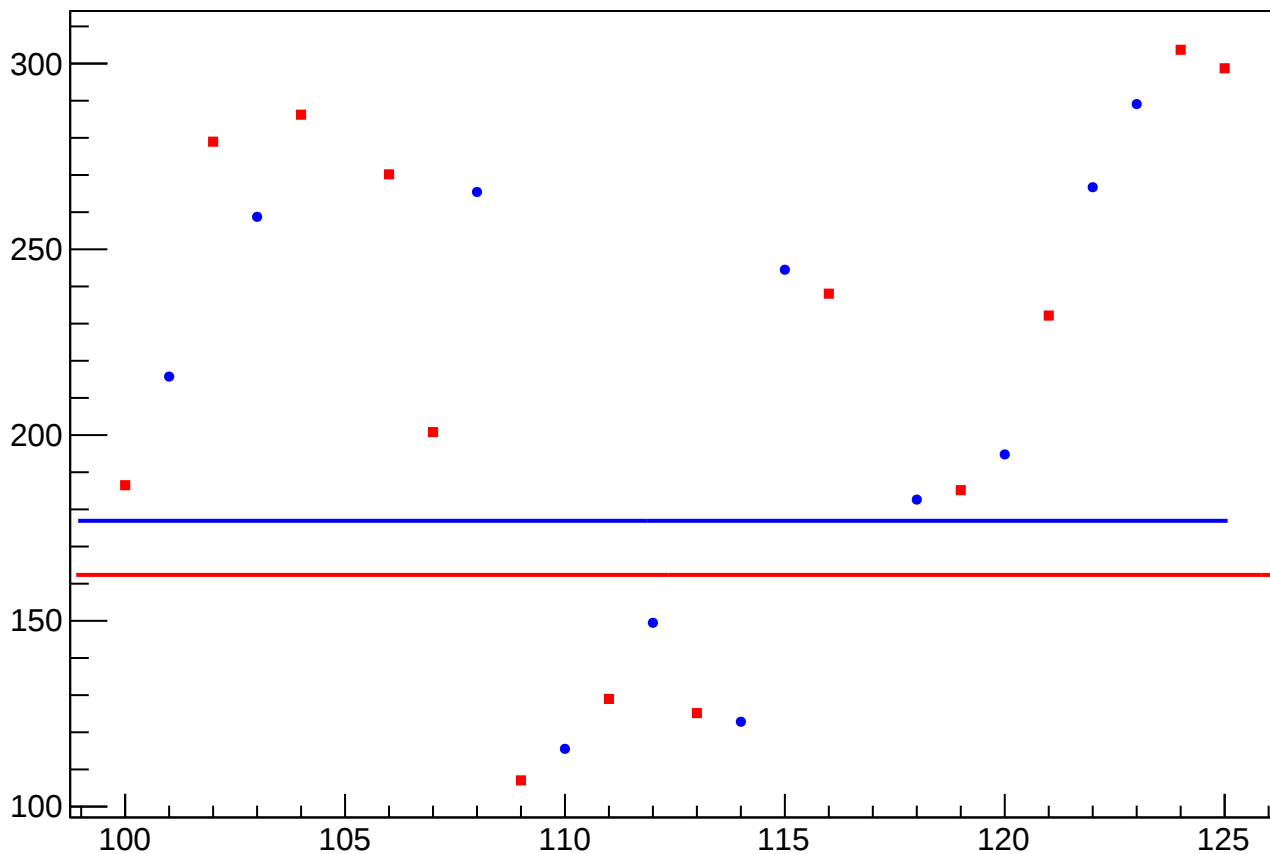
Right: 70.862 $\pm$ 62.170 χ^2 /NDF: 6.3/23

In: 112.505 $\pm$ 96.246 χ^2 /NDF:1.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 70.862 $\pm$ 62.170 χ^2 /NDF: 6.3/23

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 176.925+/-0.068 χ^2/NDF : 615963.5/10

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

Right Out: 162.366+/-0.058 χ^2/NDF : 1177220.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

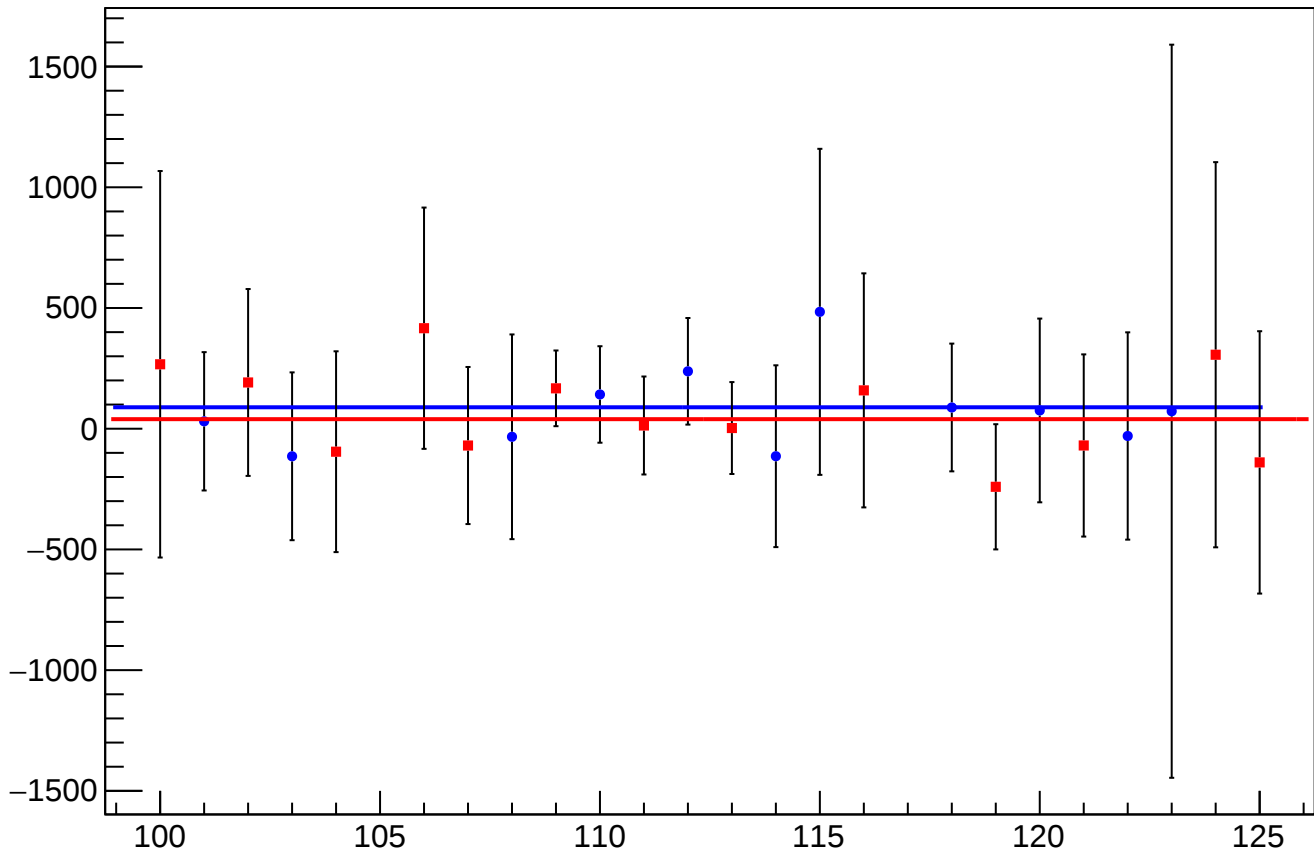
Right: 168.441+/-0.044 χ^2/NDF : 1819854.7/23

In: 176.925+/-0.068 χ^2/NDF : 615963.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.441+/-0.044 χ^2/NDF : 1819854.7/23

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 88.794+/-96.276 χ^2/NDF : 1.7/10

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

Right Out: 39.562+/-81.332 χ^2/NDF : 3.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

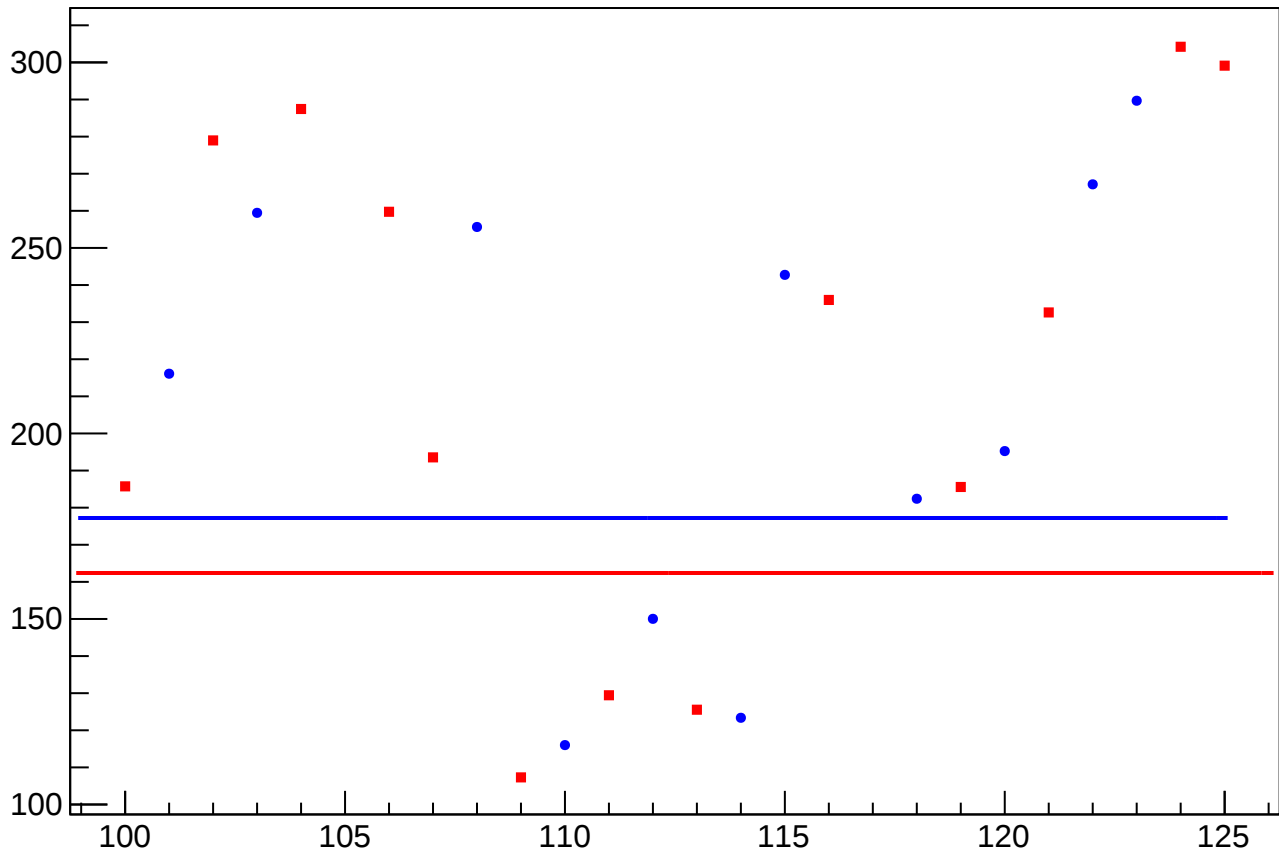
Right: 60.065+/-62.130 χ^2/NDF : 5.1/23

In: 88.794+/-96.276 χ^2/NDF : 1.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.065+/-62.130 χ^2/NDF : 5.1/23

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 177.215 $\pm$ 0.068 χ^2 /NDF: 598955.7/10

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

Right Out: 162.393 $\pm$ 0.058 χ^2 /NDF: 1154160.2/12

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

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

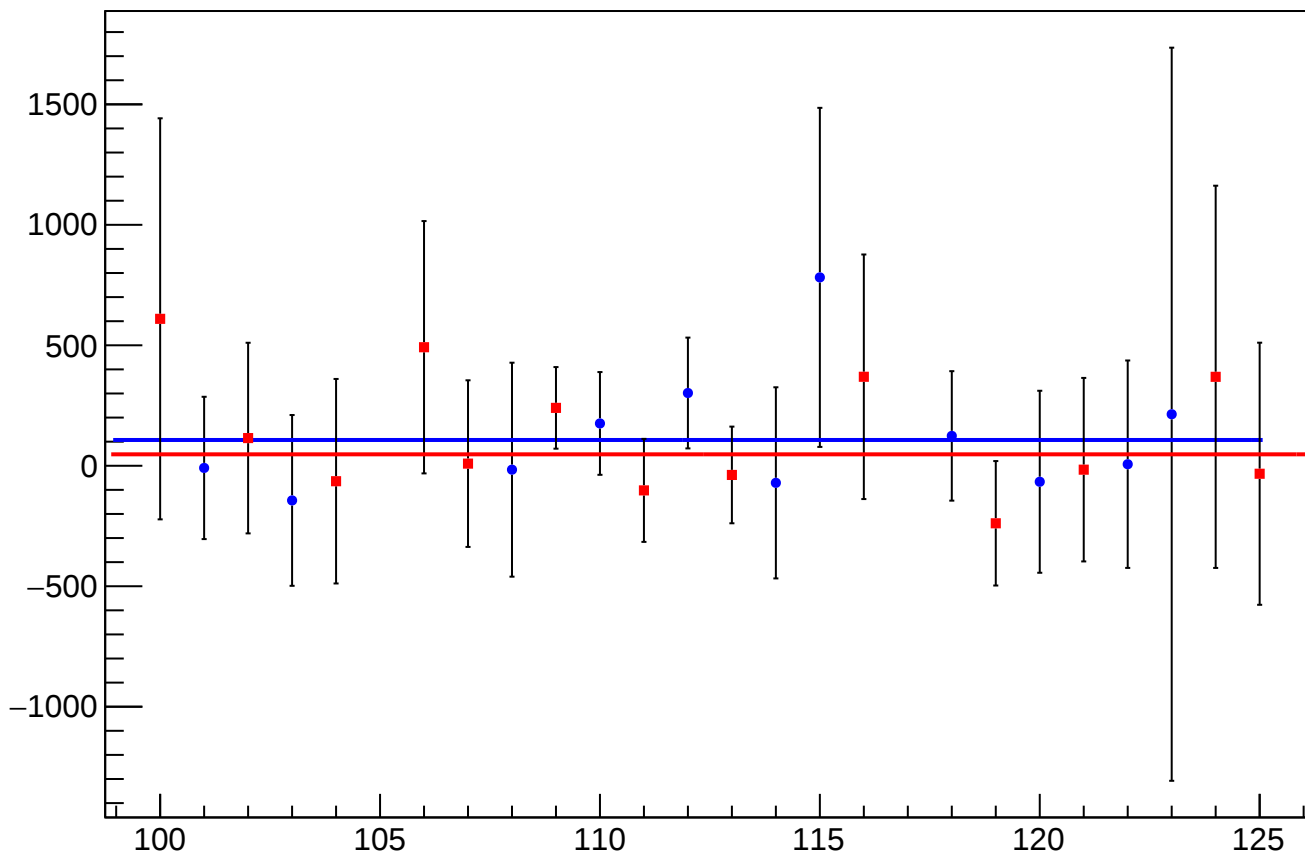
Right: 168.565 $\pm$ 0.044 χ^2 /NDF: 1780778.2/23

In: 177.215 $\pm$ 0.068 χ^2 /NDF:598955.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 168.565 $\pm$ 0.044 χ^2 /NDF: 1780778.2/23

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 107.021+/-99.763 χ^2/NDF : 3.0/10

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

Right Out: 47.481+/-85.208 χ^2/NDF : 5.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

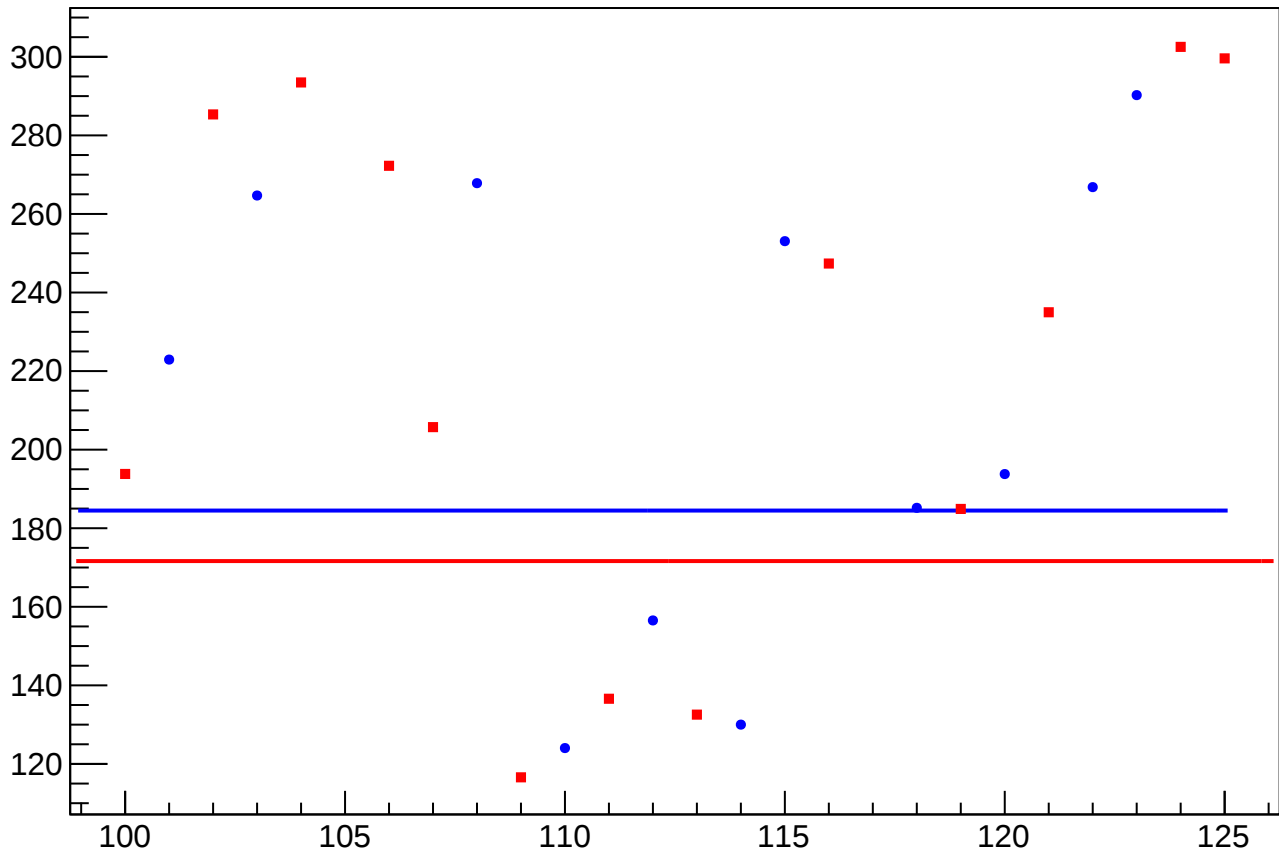
Right: 72.595+/-64.792 χ^2/NDF : 8.3/23

In: 107.021+/-99.763 χ^2/NDF : 3.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.595+/-64.792 χ^2/NDF : 8.3/23

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 184.497+/-0.071 χ^2/NDF : 537915.0/10

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

Right Out: 171.638+/-0.060 χ^2/NDF : 1036122.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

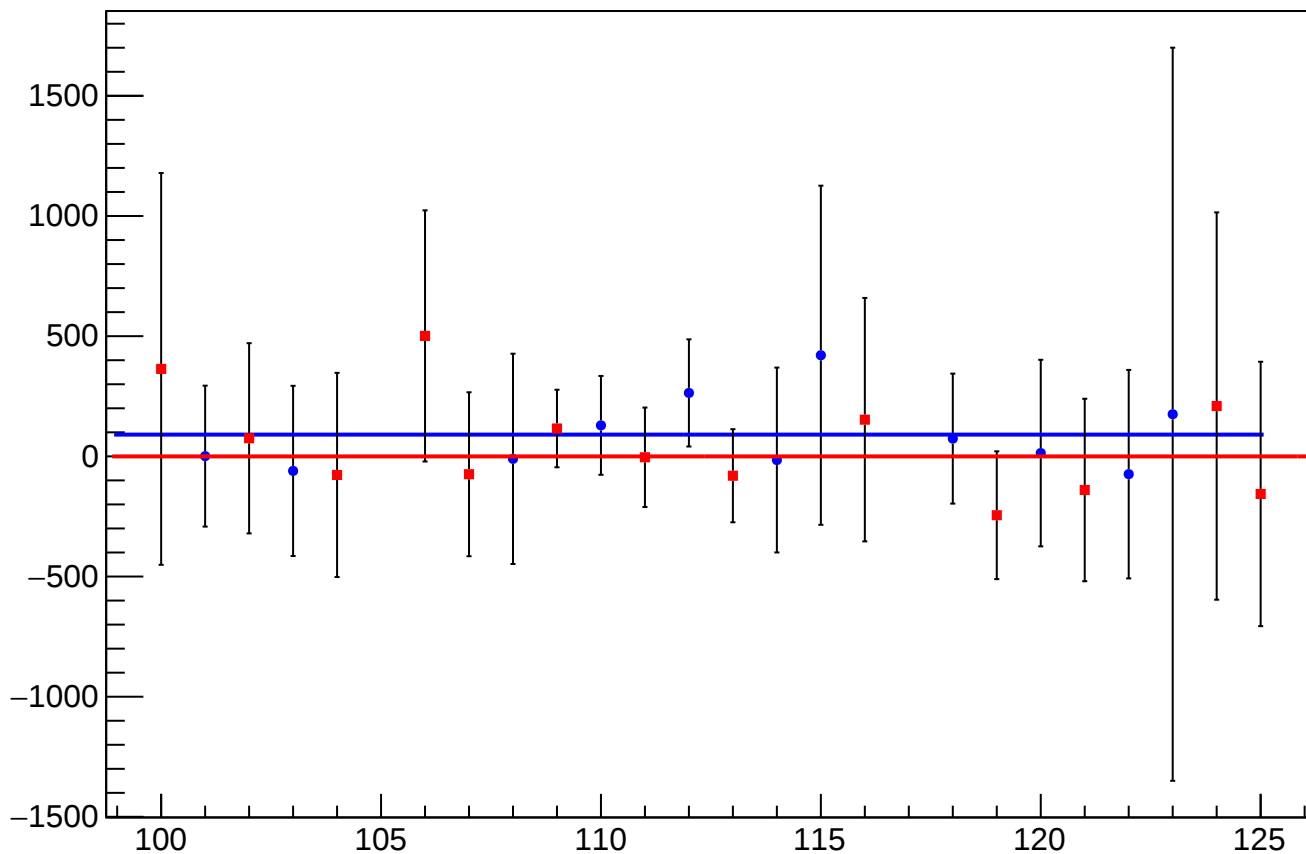
Right: 177.062+/-0.046 χ^2/NDF : 1593250.3/23

In: 184.497+/-0.071 χ^2/NDF :537915.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 177.062+/-0.046 χ^2/NDF : 1593250.3/23

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 90.470+/-98.321 χ^2/NDF : 1.5/10

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

Right Out: -0.198+/-83.346 χ^2/NDF : 3.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

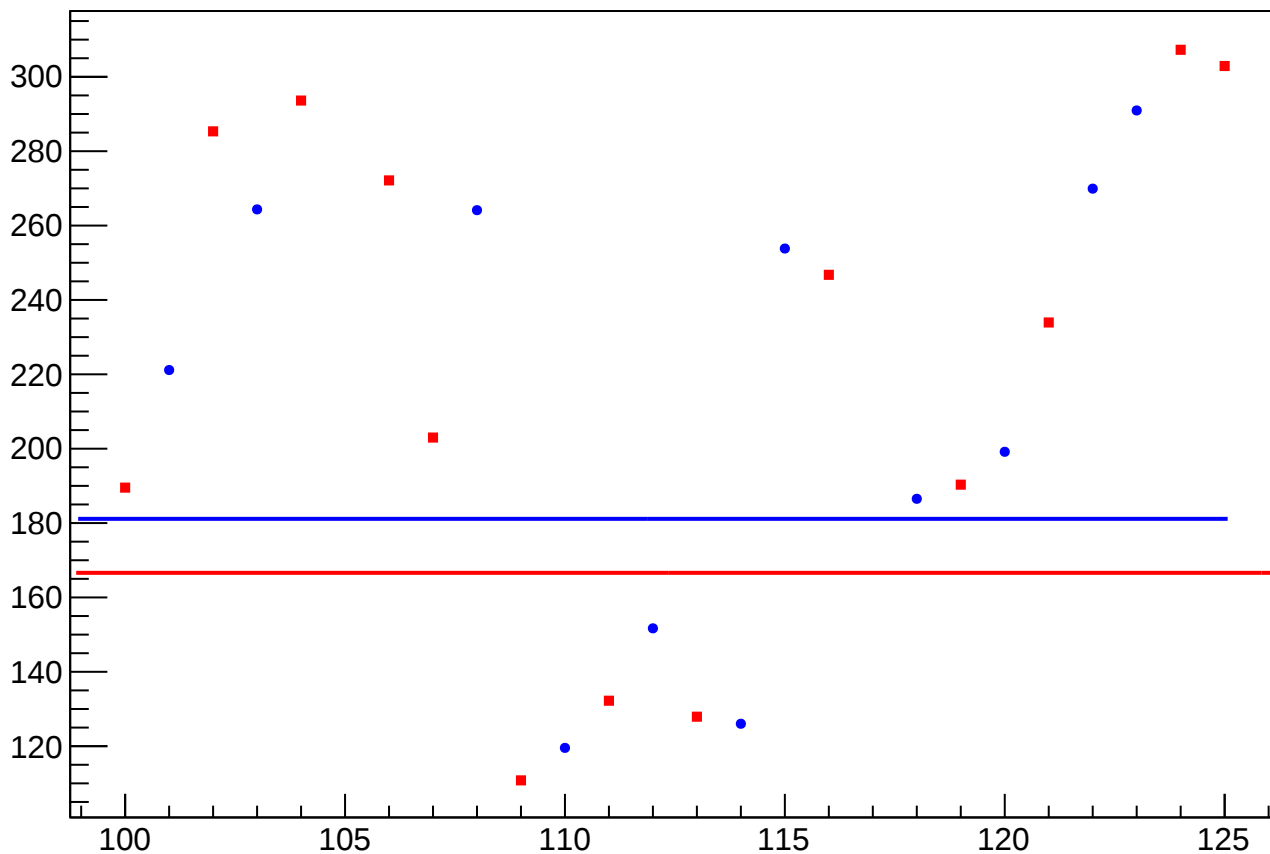
Right: 37.712+/-63.577 χ^2/NDF : 5.1/23

In: 90.470+/-98.321 χ^2/NDF : 1.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.712+/-63.577 χ^2/NDF : 5.1/23

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 181.136+/-0.070 χ^2/NDF : 595755.7/10

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

Right Out: 166.616+/-0.059 χ^2/NDF : 1151809.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

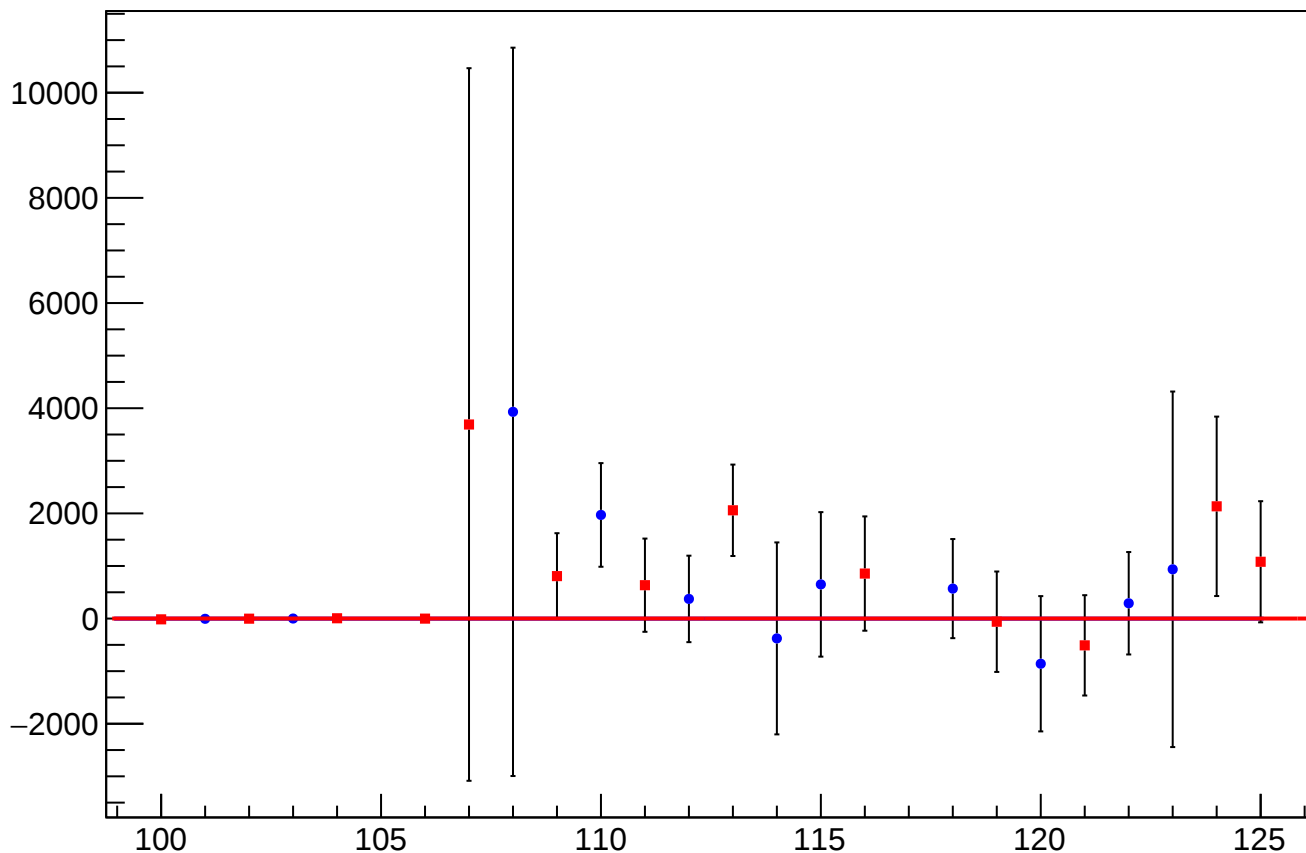
Right: 172.687+/-0.045 χ^2/NDF : 1772946.7/23

In: 181.136+/-0.070 χ^2/NDF : 595755.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.687+/-0.045 χ^2/NDF : 1772946.7/23

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.503+/-2.252 χ^2/NDF : 7.1/10

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

Right Out: 0.741+/-2.111 χ^2/NDF : 16.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

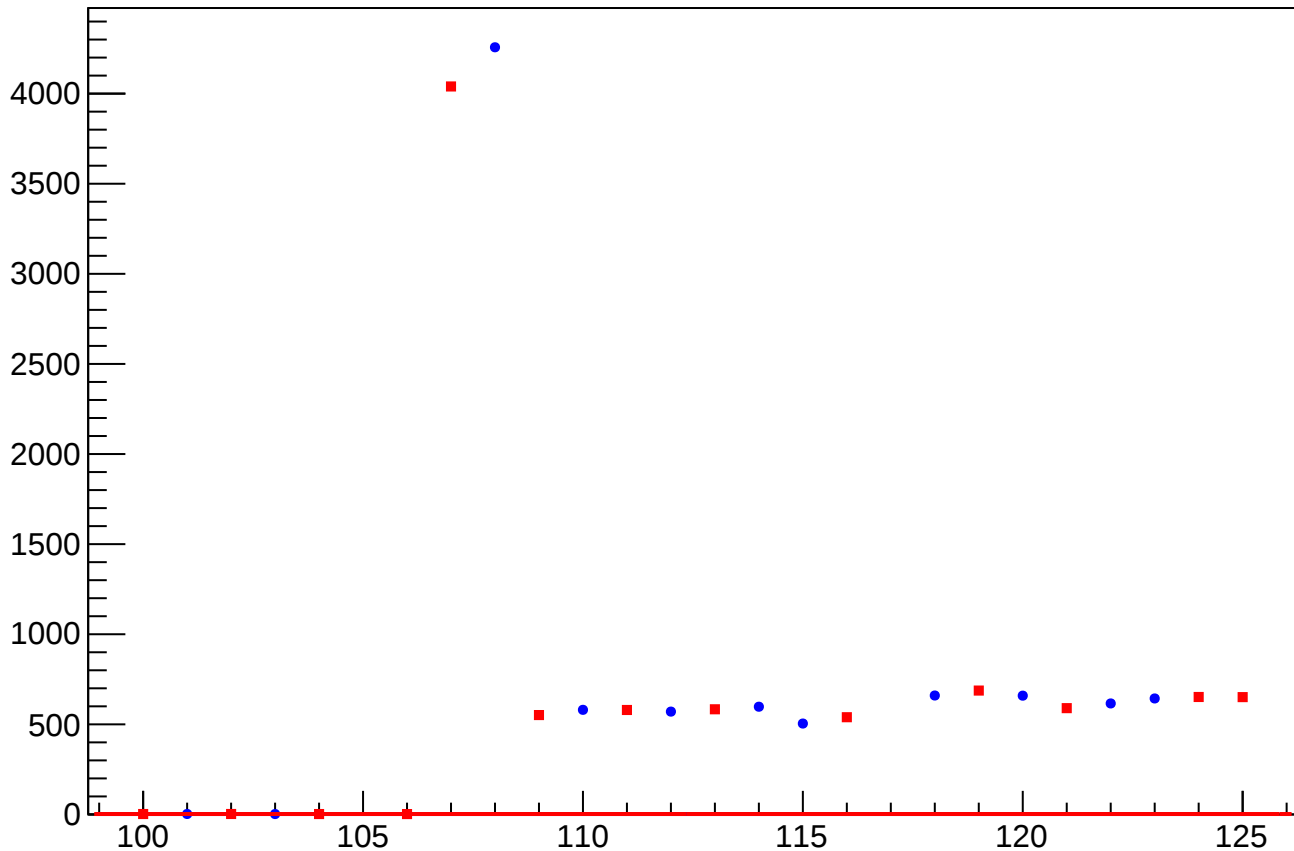
Right: -0.309+/-1.540 χ^2/NDF : 24.3/23

In: -1.503+/-2.252 χ^2/NDF : 7.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.309+/-1.540 χ^2/NDF : 24.3/23

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.430+/-0.002 χ^2/NDF : 5252617.5/10

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

Right Out: 2.418+/-0.001 χ^2/NDF : 6571112.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

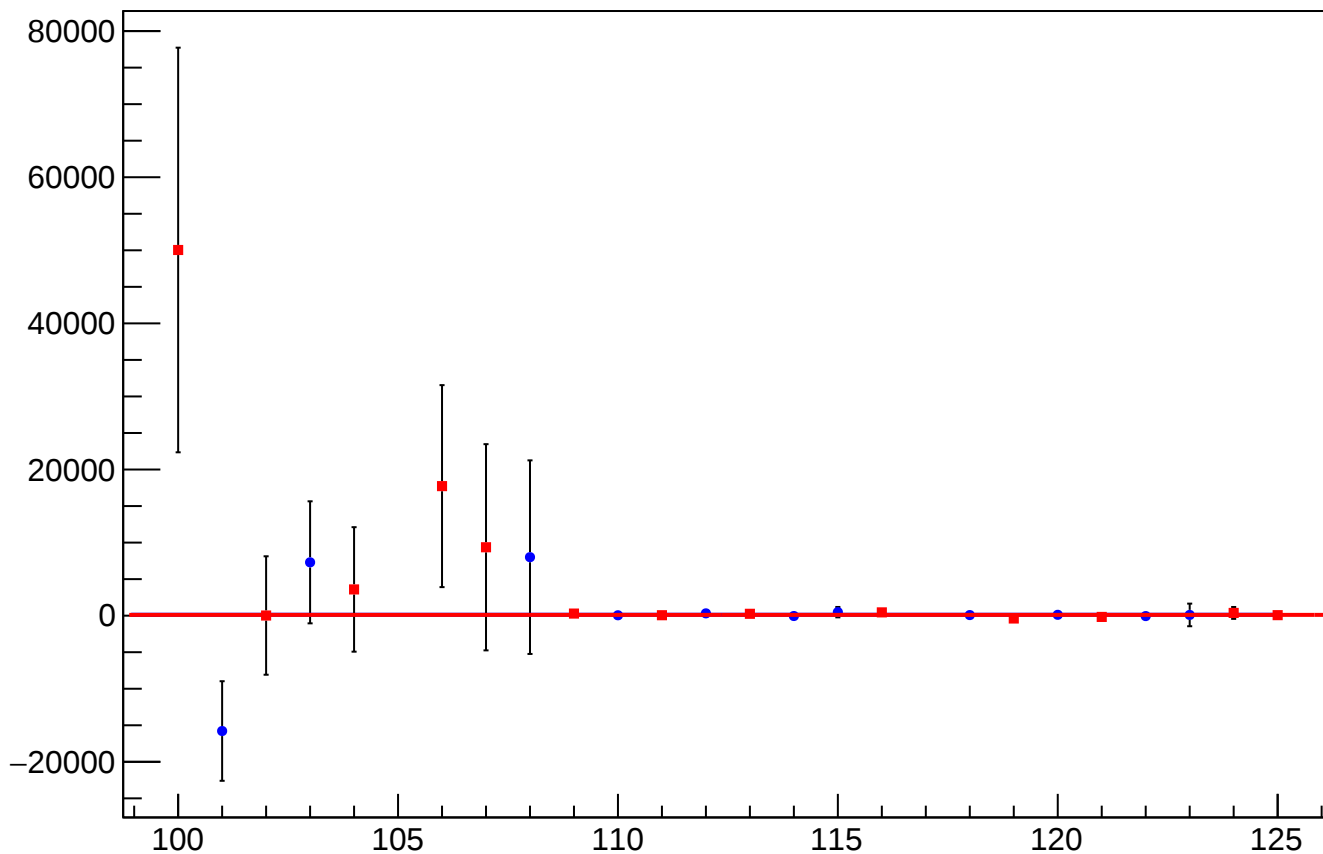
Right: 2.423+/-0.001 χ^2/NDF : 11823758.7/23

In: 2.430+/-0.002 χ^2/NDF : 5252617.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.423+/-0.001 χ^2/NDF : 11823758.7/23

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 124.622+/-115.780 χ^2/NDF : 8.0/10

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

Right Out: 108.199+/-103.128 χ^2/NDF : 10.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

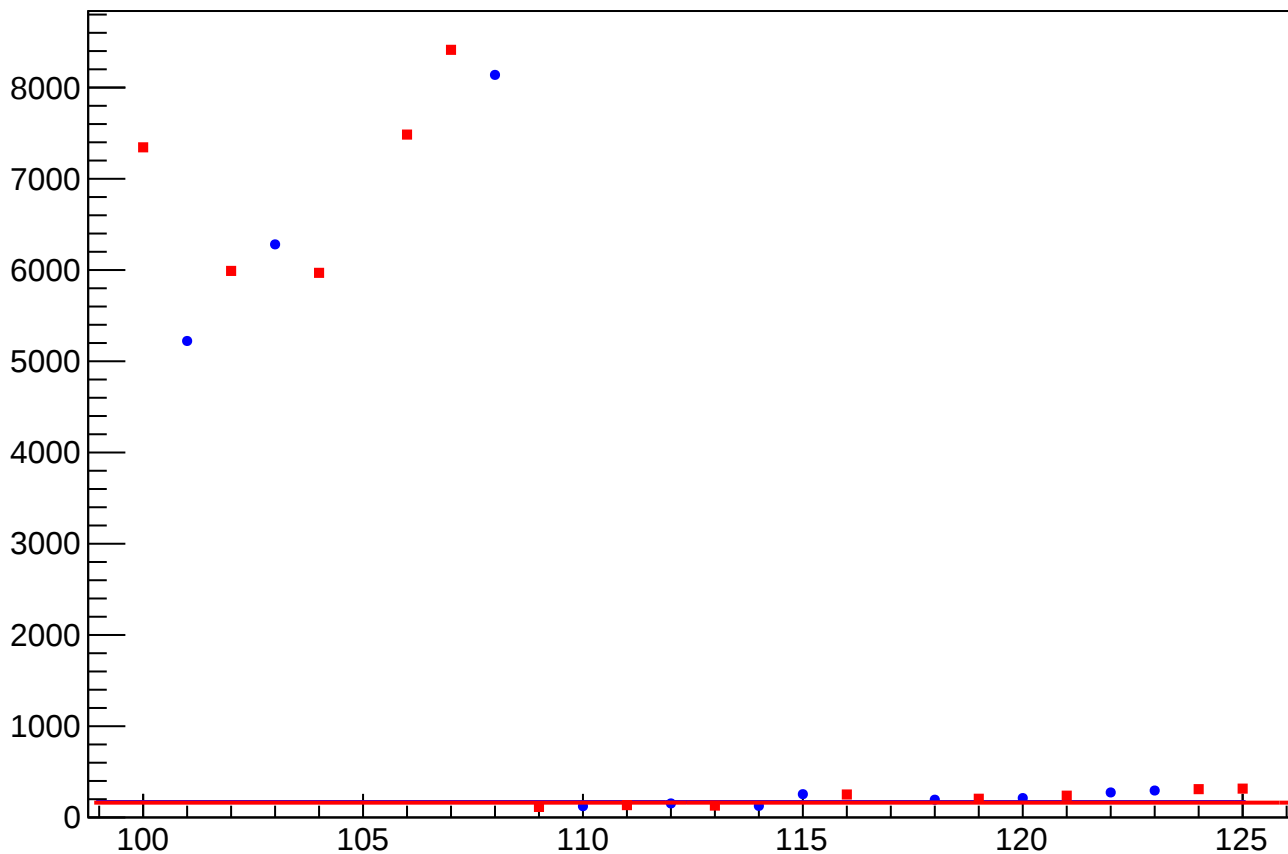
Right: 115.465+/-77.009 χ^2/NDF : 18.8/23

In: 124.622+/-115.780 χ^2/NDF : 8.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.465+/-77.009 χ^2/NDF : 18.8/23

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 168.885+/-0.082 χ^2/NDF : 3216369.6/10

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

Right Out: 162.359+/-0.073 χ^2/NDF : 3905153.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

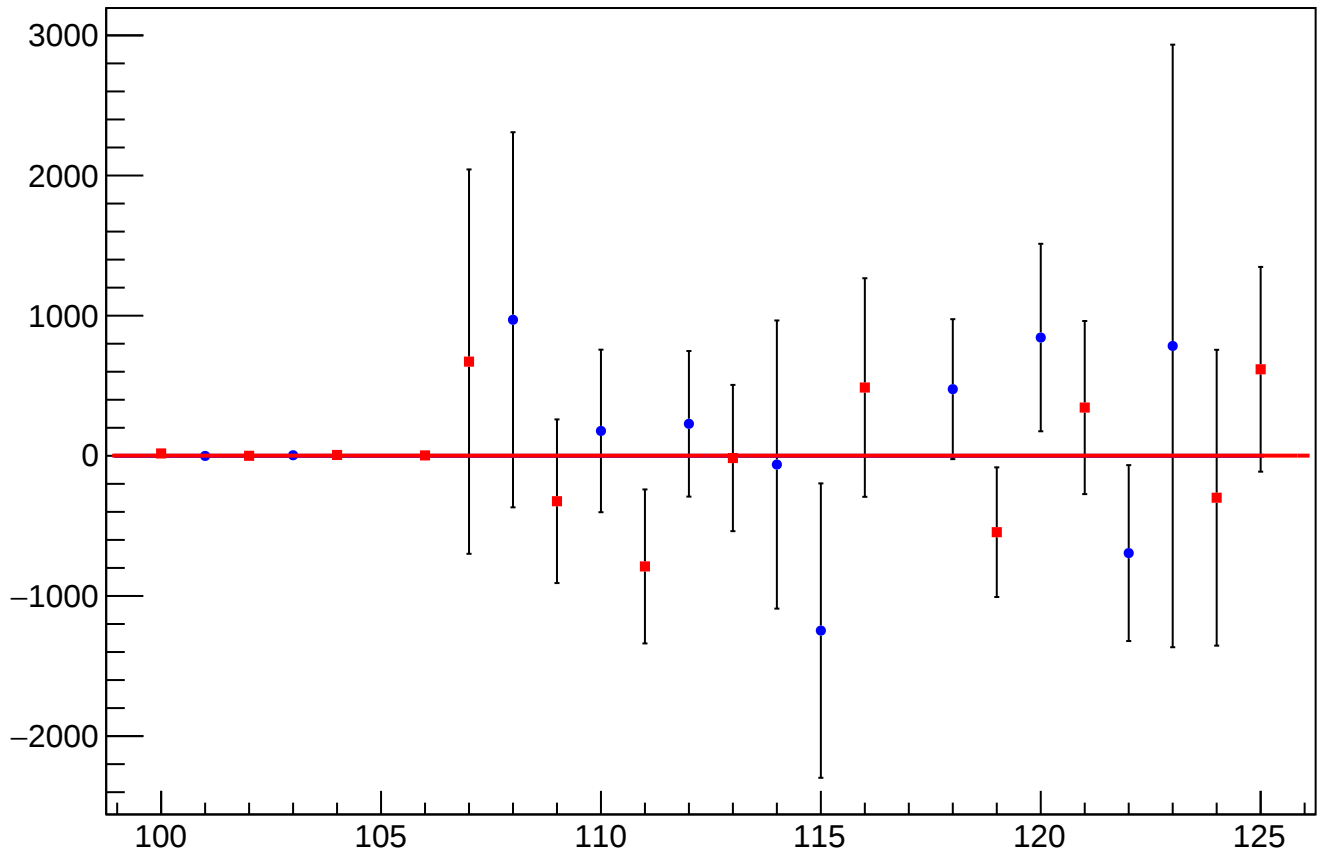
Right: 165.246+/-0.054 χ^2/NDF : 7125065.4/23

In: 168.885+/-0.082 χ^2/NDF : 3216369.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.246+/-0.054 χ^2/NDF : 7125065.4/23

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.151 ± 1.737 χ^2/NDF : 6.9/10

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

Right Out: 1.326 ± 1.623 χ^2/NDF : 8.2/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

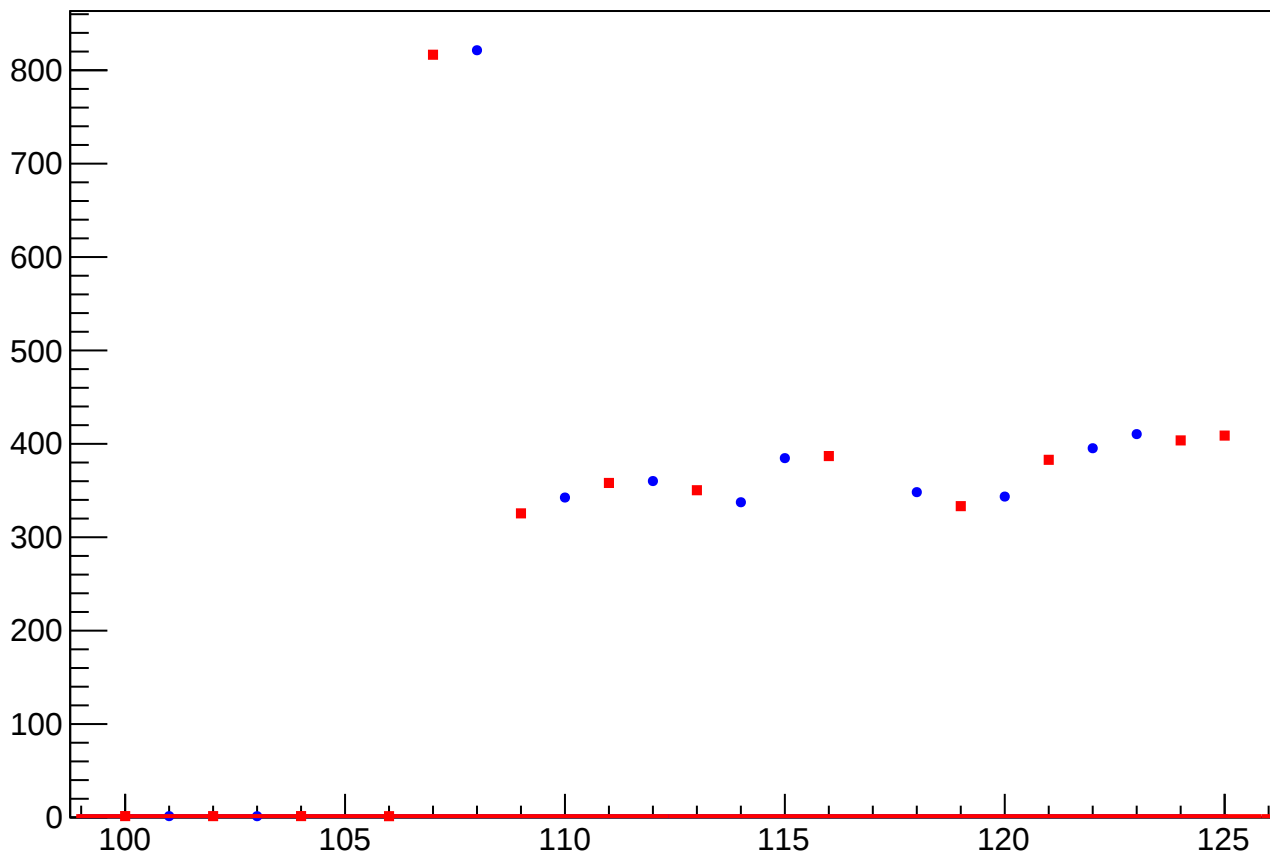
Right: 0.637 ± 1.186 χ^2/NDF : 15.5/23

In: -0.151 ± 1.737 χ^2/NDF : 6.9/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.637 ± 1.186 χ^2/NDF : 15.5/23

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.431+/-0.001 χ^2/NDF : 5225949.8/10

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

Right Out: 1.436+/-0.001 χ^2/NDF : 6254396.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

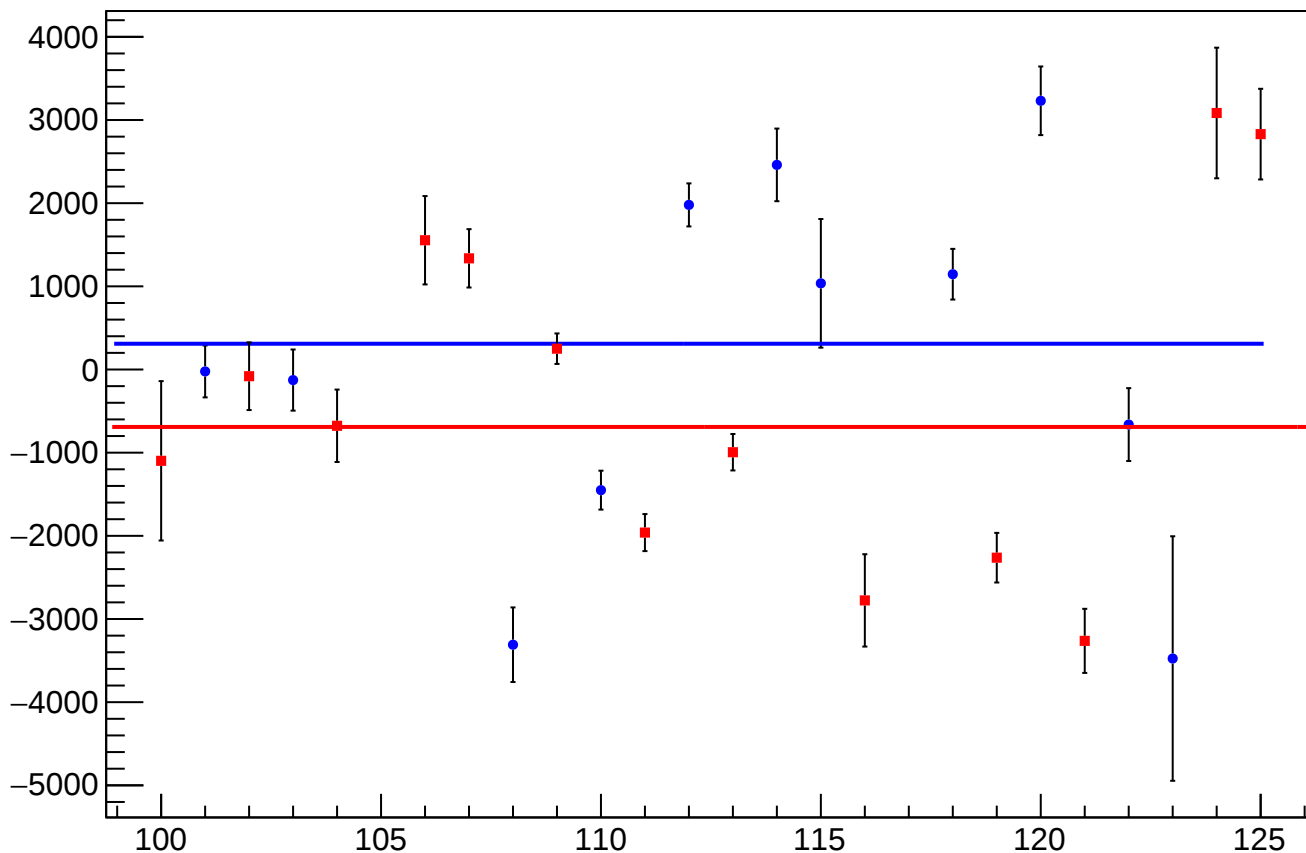
Right: 1.434+/-0.001 χ^2/NDF : 11480353.2/23

In: 1.431+/-0.001 χ^2/NDF : 5225949.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.434+/-0.001 χ^2/NDF : 11480353.2/23

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 309.787 $\pm$ 108.409 χ^2 /NDF: 260.3/10

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

Right Out: -690.727 $\pm$ 90.906 χ^2 /NDF: 265.7/12

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

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

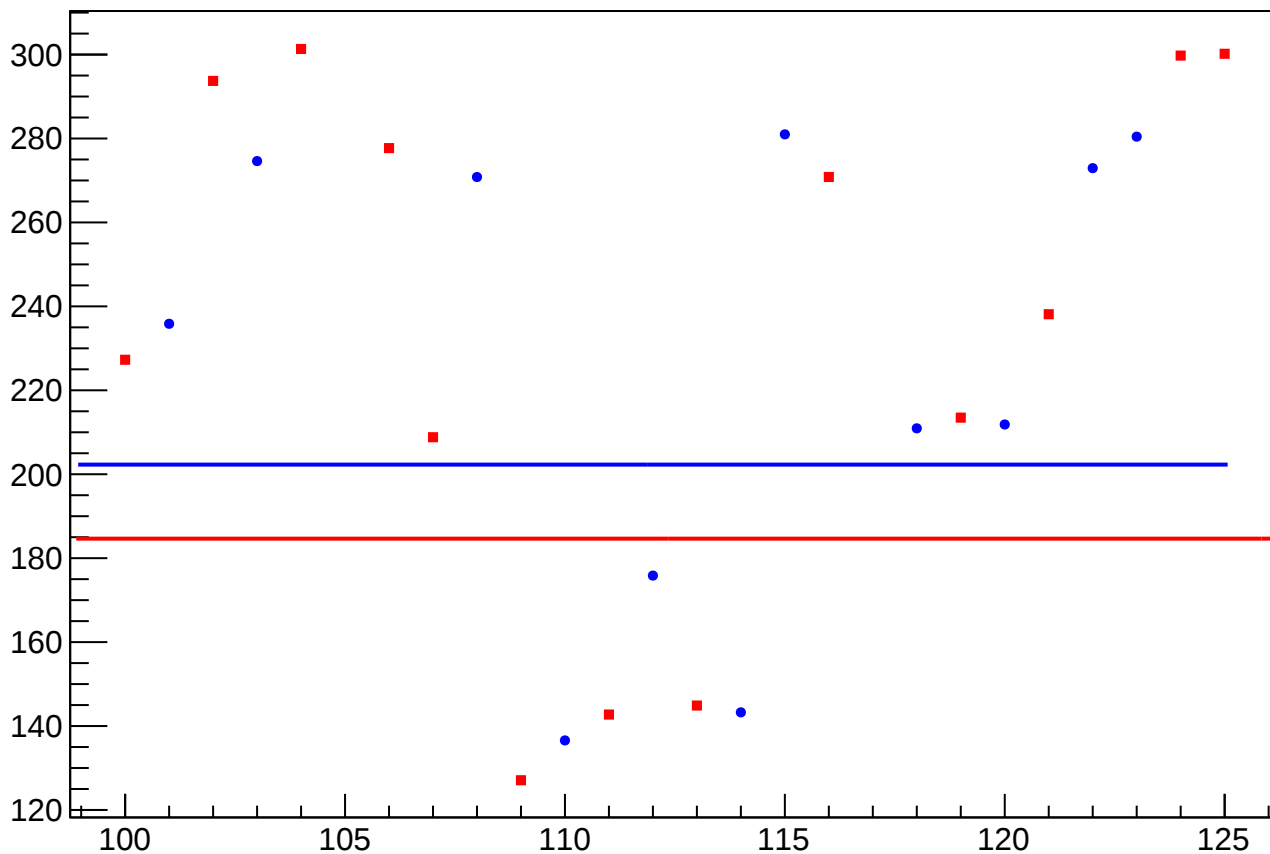
Right: -277.658 $\pm$ 69.657 χ^2 /NDF: 576.0/23

In: 309.787 $\pm$ 108.409 χ^2 /NDF:260.3/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -277.658 $\pm$ 69.657 χ^2 /NDF: 576.0/23

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 202.293+/-0.077 χ^2/NDF : 443507.3/10

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

Right Out: 184.654+/-0.064 χ^2/NDF : 934195.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

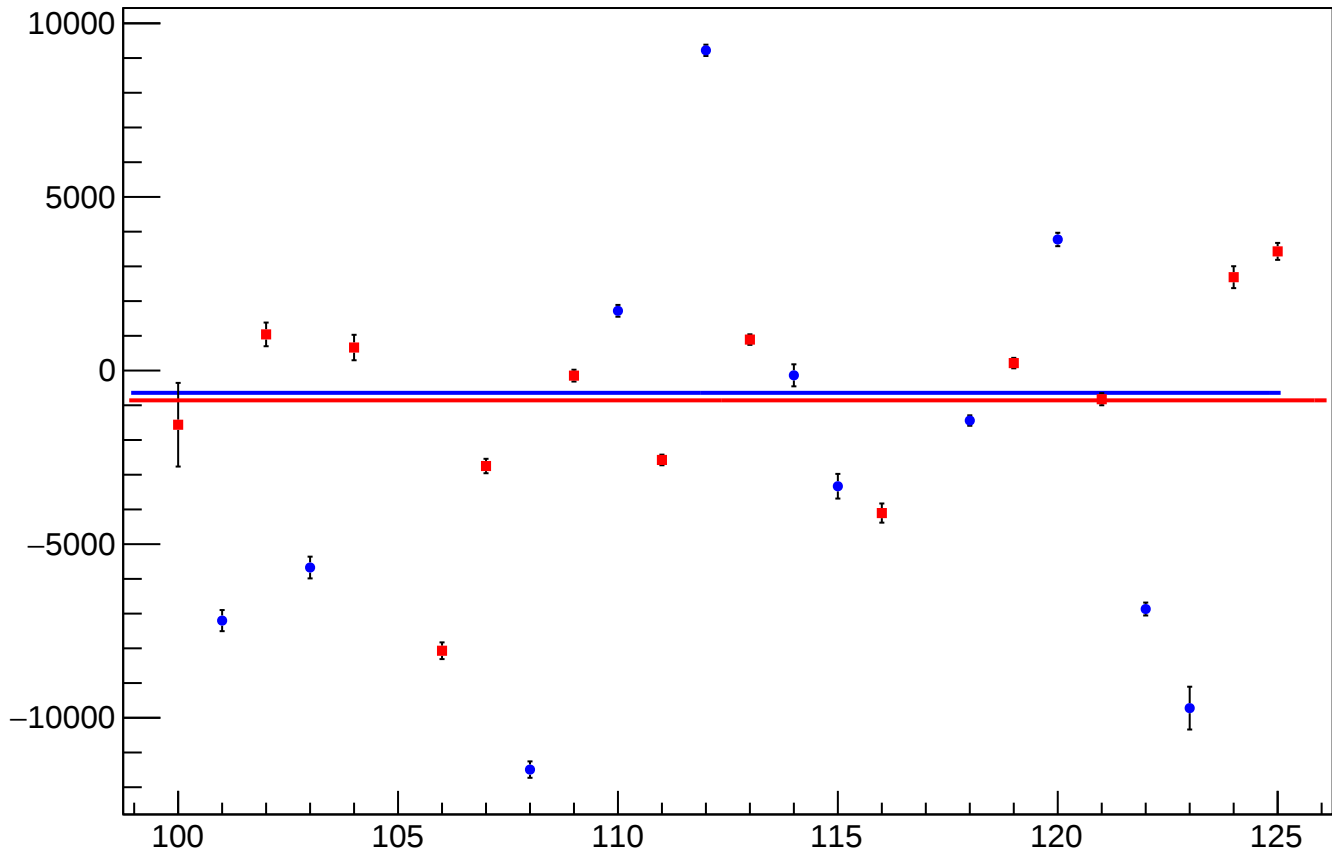
Right: 191.936+/-0.049 χ^2/NDF : 1408792.8/23

In: 202.293+/-0.077 χ^2/NDF :443507.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 191.936+/-0.049 χ^2/NDF : 1408792.8/23

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -641.620+/-65.660 χ^2/NDF : 8642.0/10

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

Right Out: -858.189+/-58.207 χ^2/NDF : 1930.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

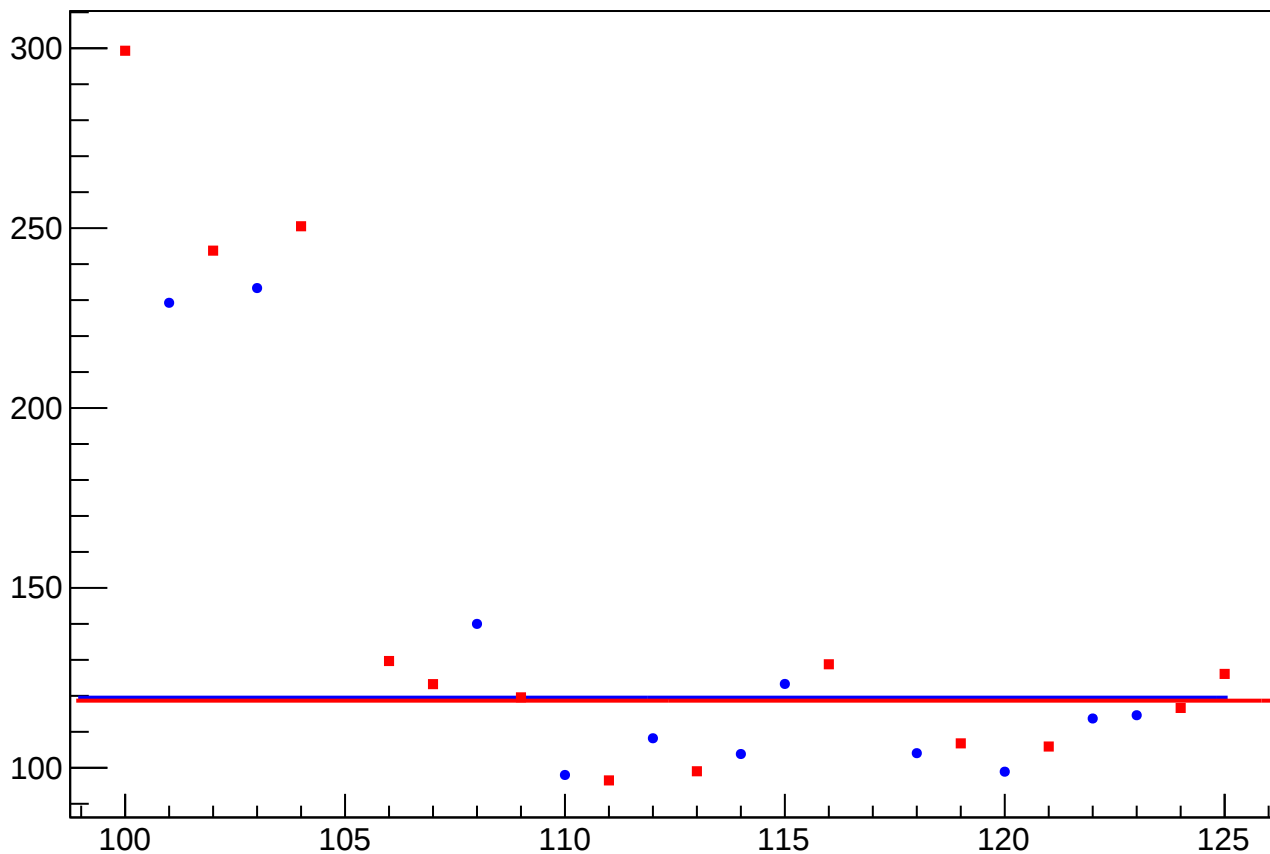
Right: -762.889+/-43.556 χ^2/NDF : 10578.9/23

In: -641.620+/-65.660 χ^2/NDF :8642.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -762.889+/-43.556 χ^2/NDF : 10578.9/23

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 119.498+/-0.046 χ^2/NDF : 632377.5/10

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

Right Out: 118.663+/-0.041 χ^2/NDF : 681518.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

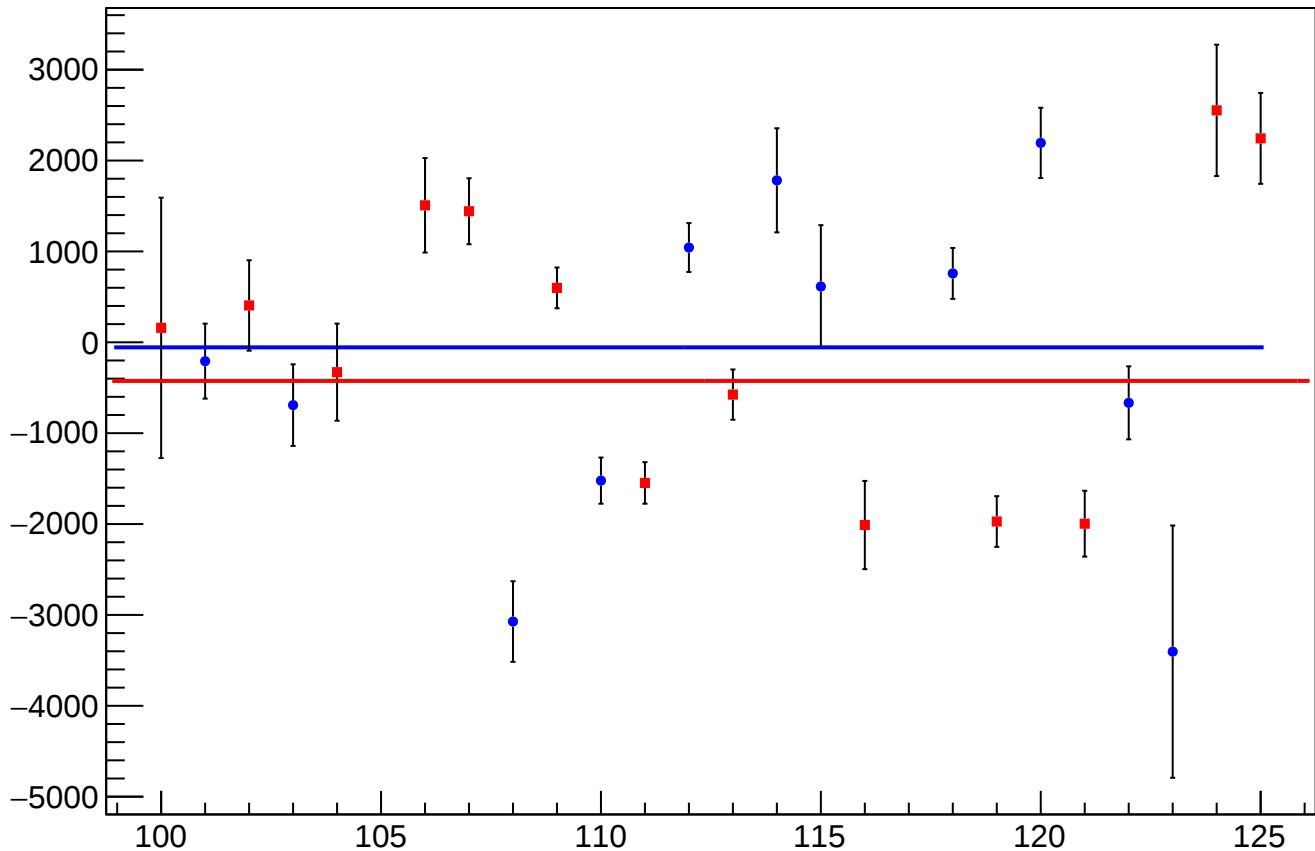
Right: 119.031+/-0.031 χ^2/NDF : 1314077.1/23

In: 119.498+/-0.046 χ^2/NDF : 632377.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.031+/-0.031 χ^2/NDF : 1314077.1/23

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -55.597+/-114.228 χ^2/NDF : 160.1/10

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

Right Out: -425.230+/-99.030 χ^2/NDF : 194.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

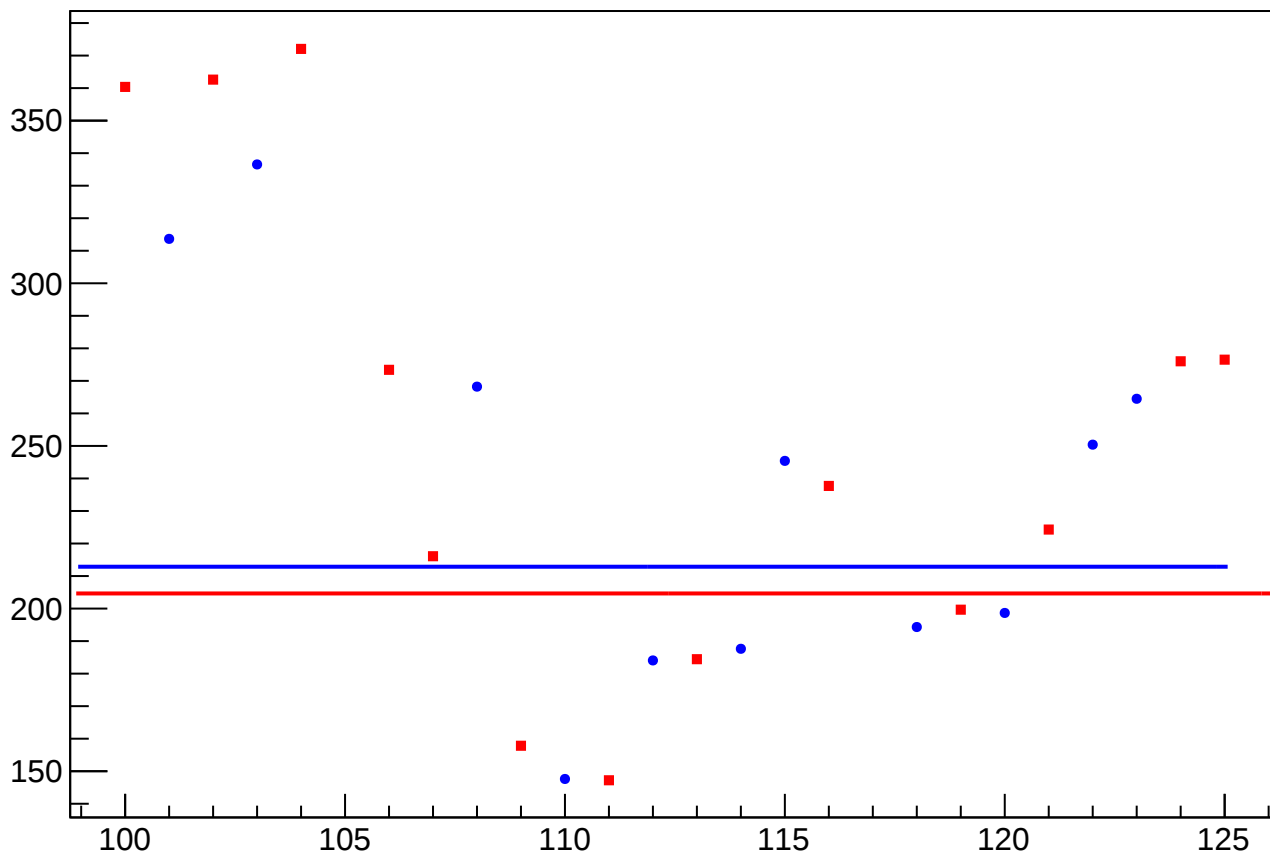
Right: -266.622+/-74.825 χ^2/NDF : 360.2/23

In: -55.597+/-114.228 χ^2/NDF :160.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -266.622+/-74.825 χ^2/NDF : 360.2/23

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 212.867 $\pm$ 0.081 χ^2 /NDF: 497479.9/10

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

Right Out: 204.648 $\pm$ 0.070 χ^2 /NDF: 758817.2/12

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

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

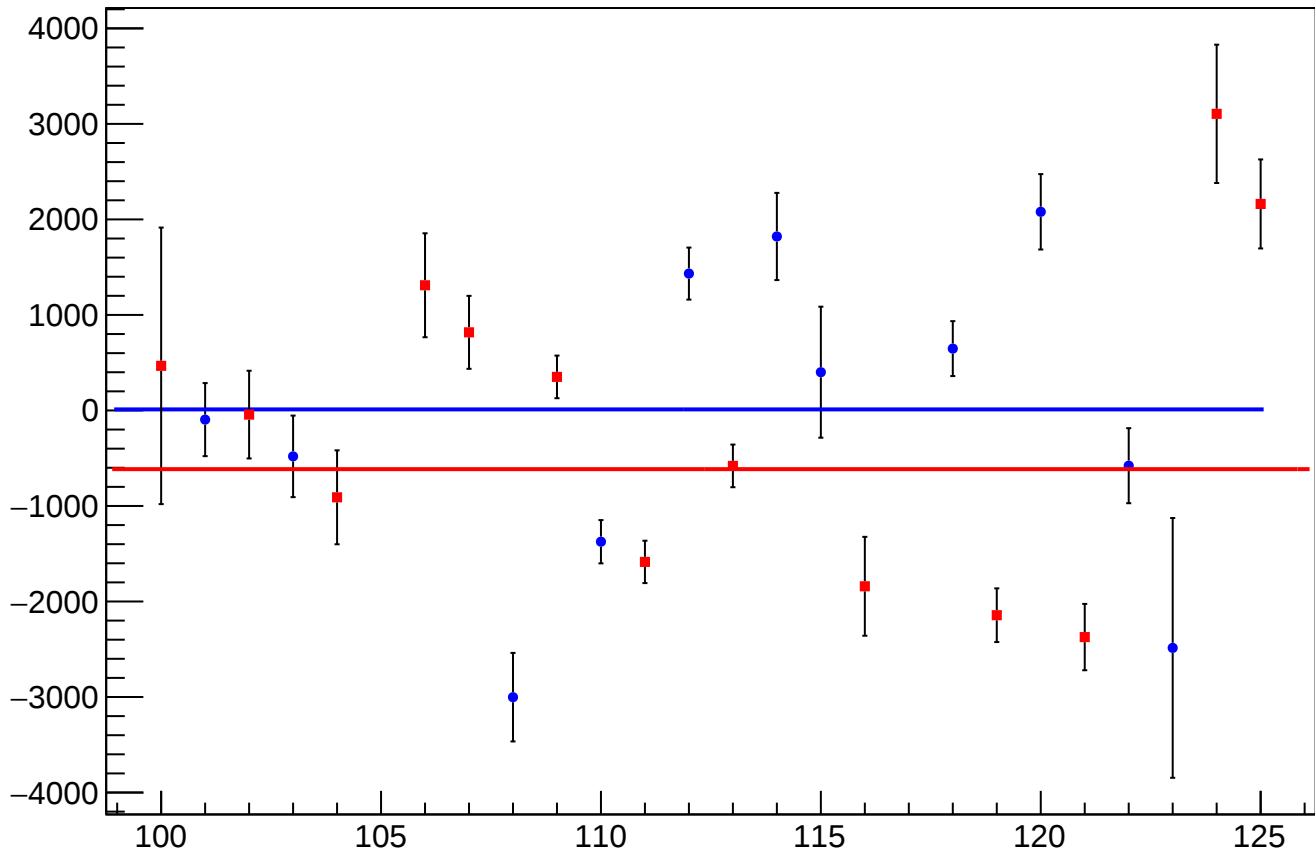
Right: 208.175 $\pm$ 0.053 χ^2 /NDF: 1262208.5/23

In: 212.867 $\pm$ 0.081 χ^2 /NDF:497479.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 208.175 $\pm$ 0.053 χ^2 /NDF: 1262208.5/23

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 10.992+/-110.158 χ^2/NDF : 162.4/10

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

Right Out: -614.526+/-94.794 χ^2/NDF : 189.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

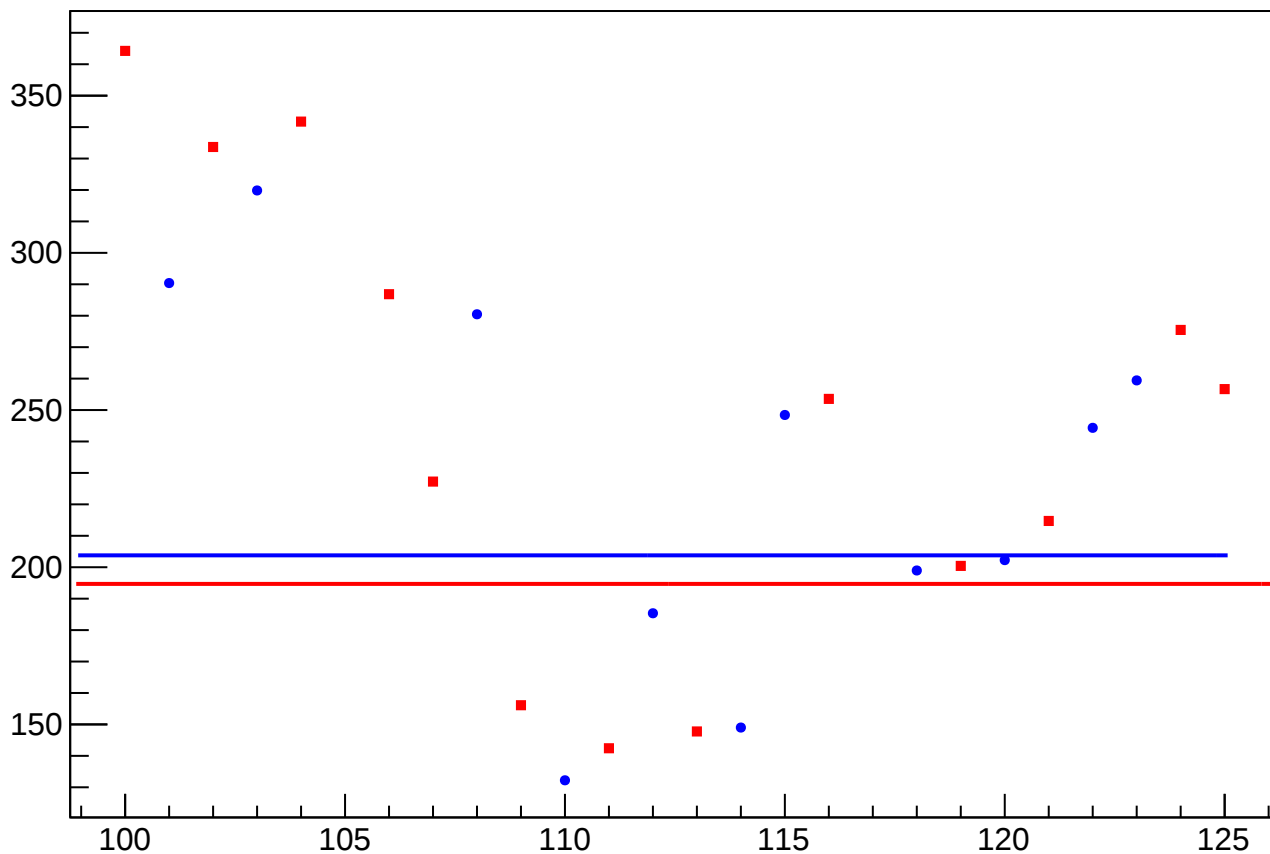
Right: -348.395+/-71.853 χ^2/NDF : 370.6/23

In: 10.992+/-110.158 χ^2/NDF : 162.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -348.395+/-71.853 χ^2/NDF : 370.6/23

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 203.778+/-0.078 χ^2/NDF : 576527.8/10

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

Right Out: 194.695+/-0.067 χ^2/NDF : 814504.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

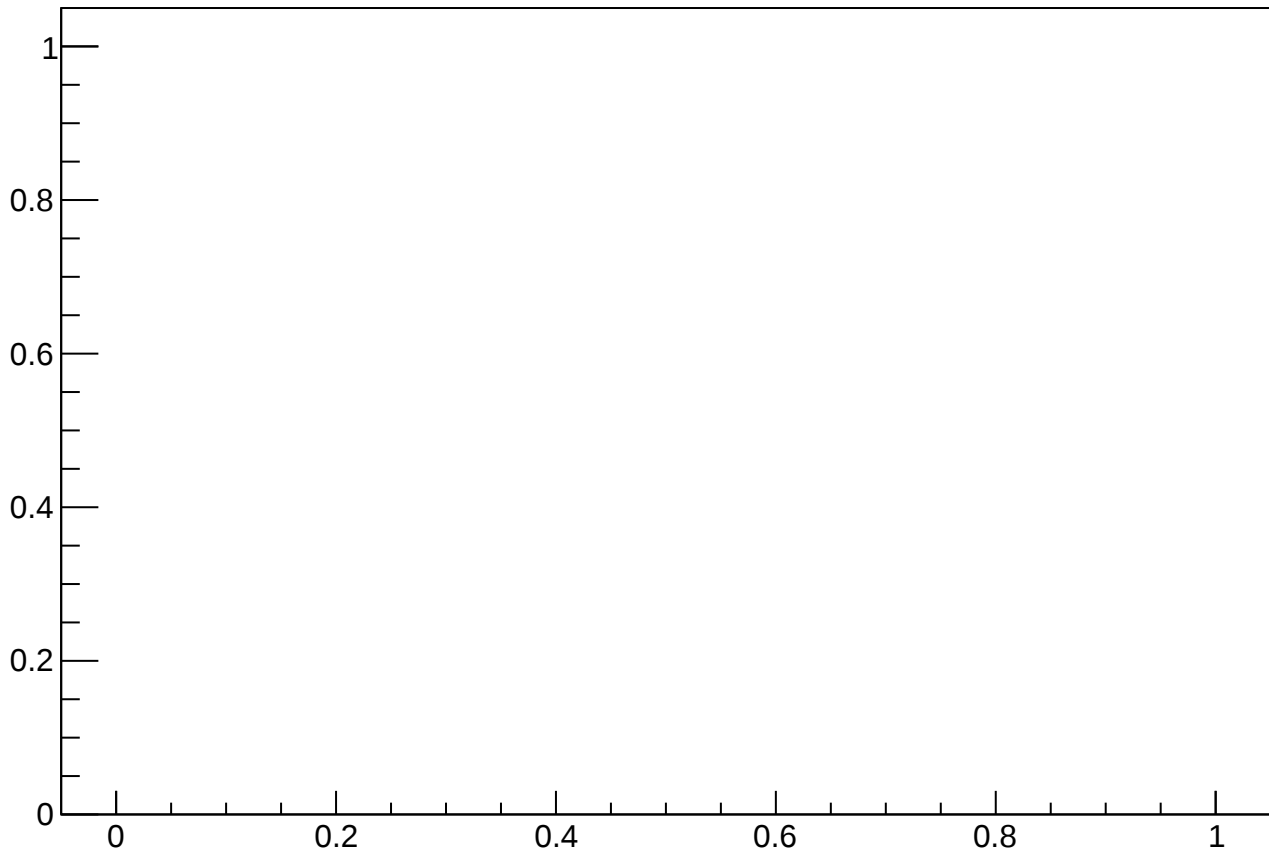
Right: 198.560+/-0.051 χ^2/NDF : 1398844.7/23

In: 203.778+/-0.078 χ^2/NDF : 576527.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 198.560+/-0.051 χ^2/NDF : 1398844.7/23

bcm_an_us_ds_dd_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

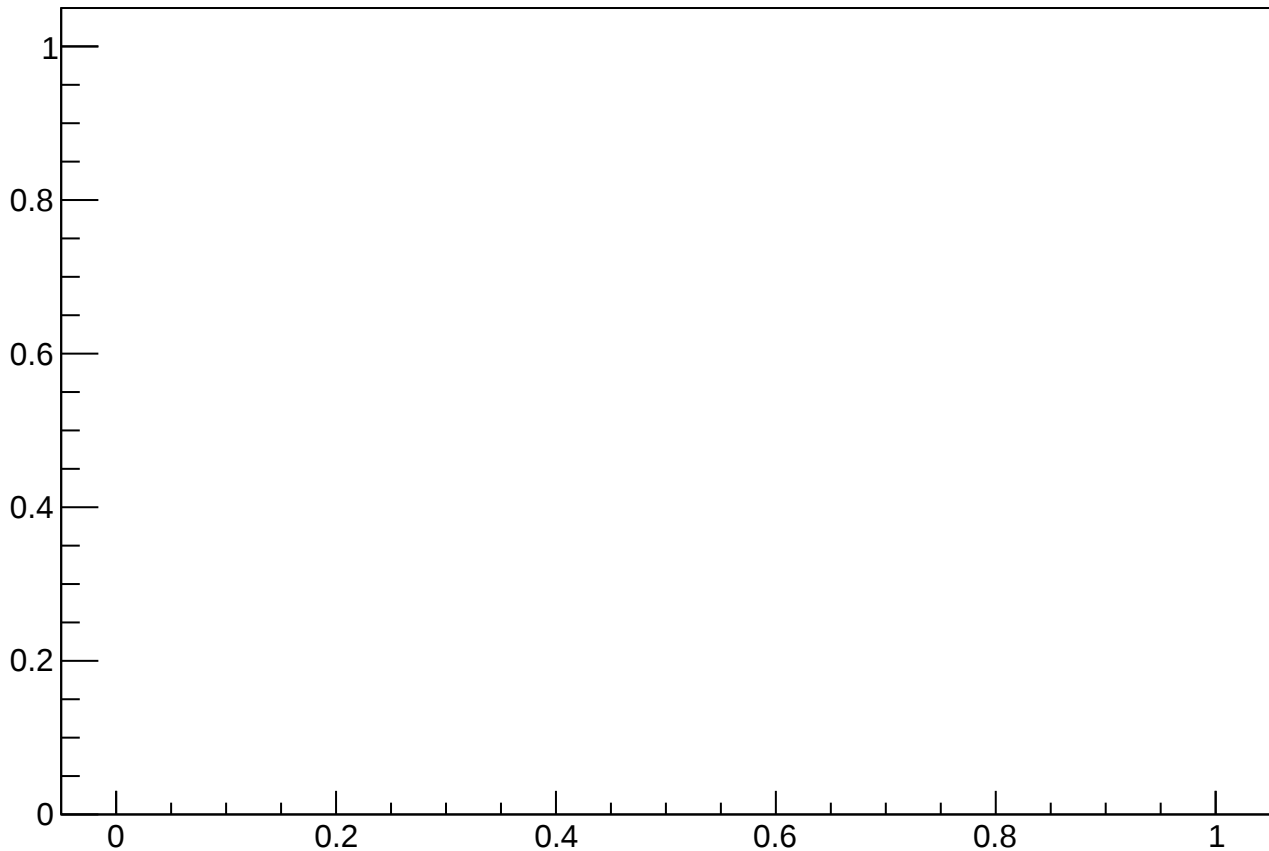
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_us_ds_dd_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

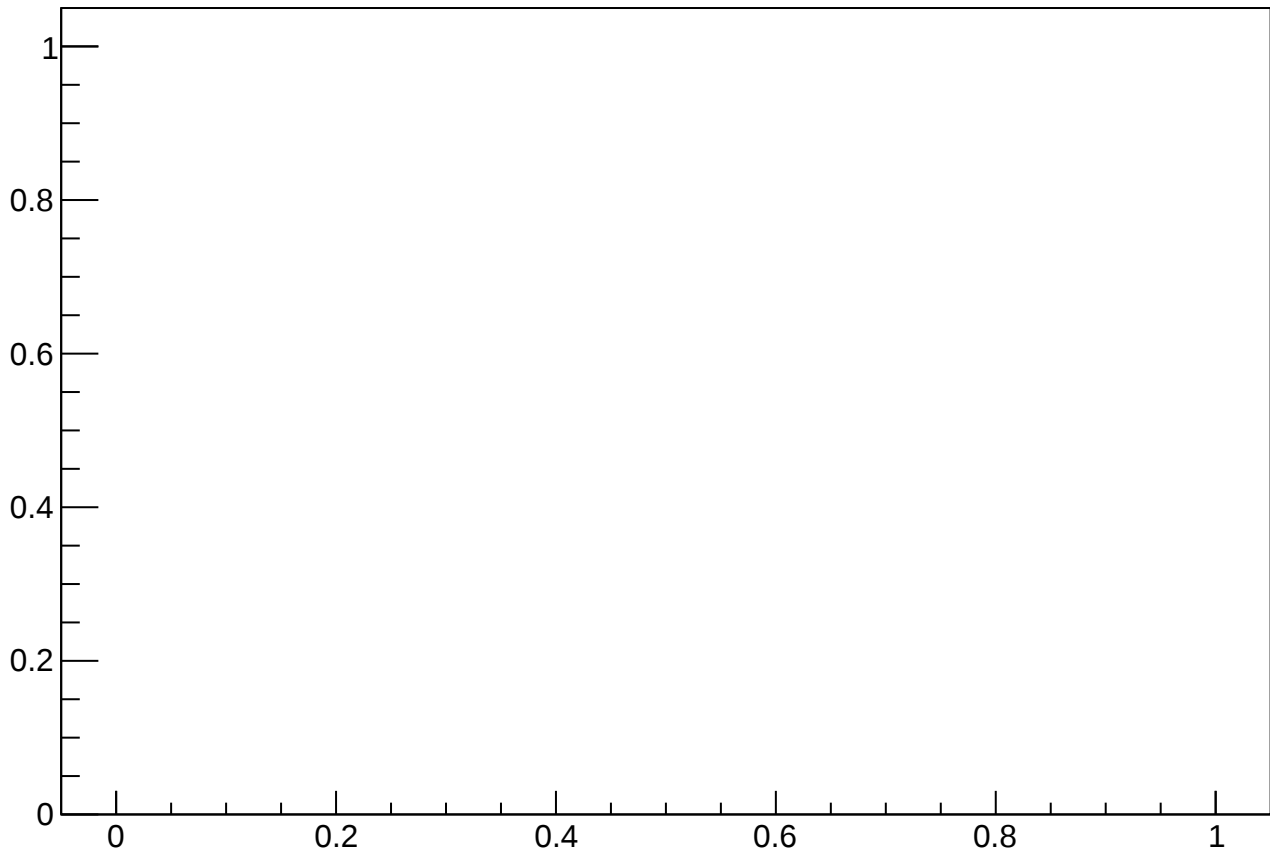
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_dg_ds_dd_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

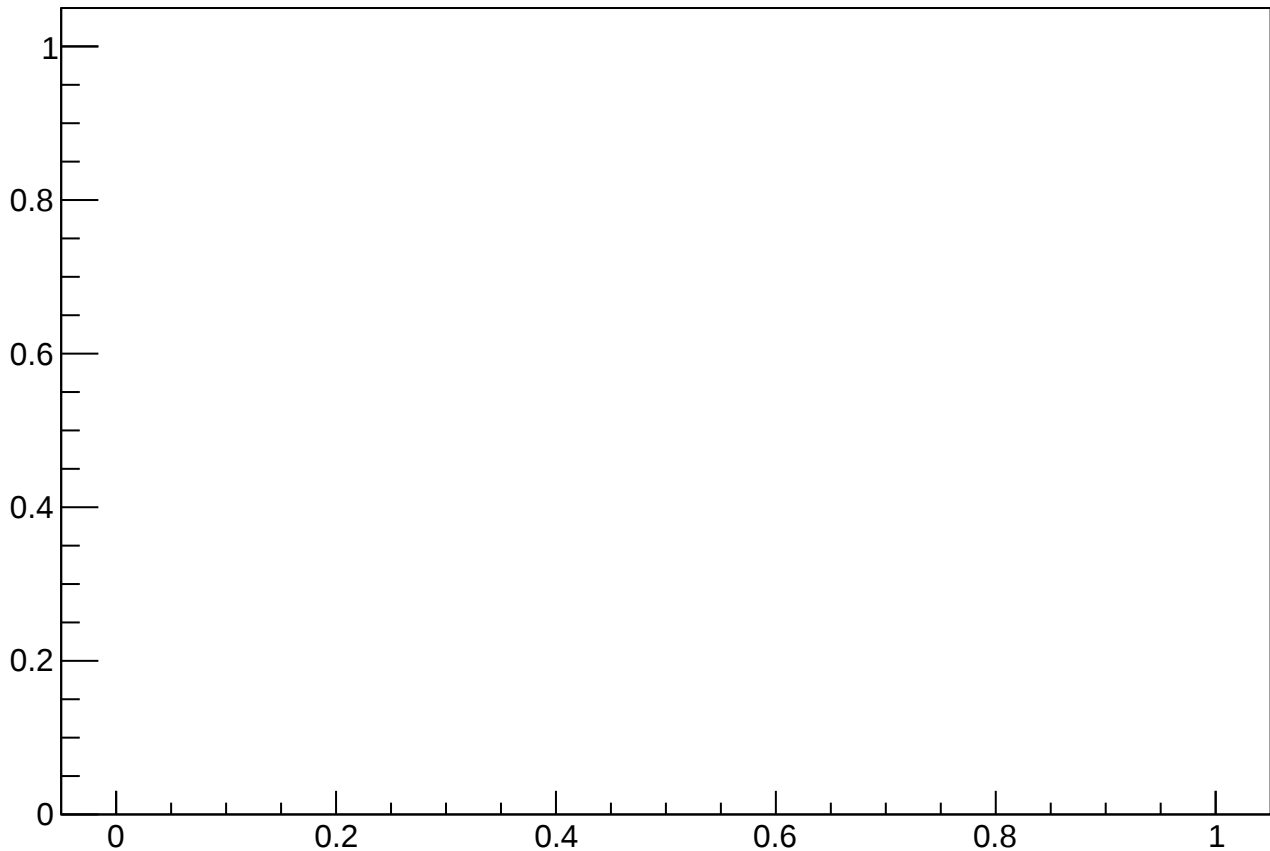
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_dg_ds_dd_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

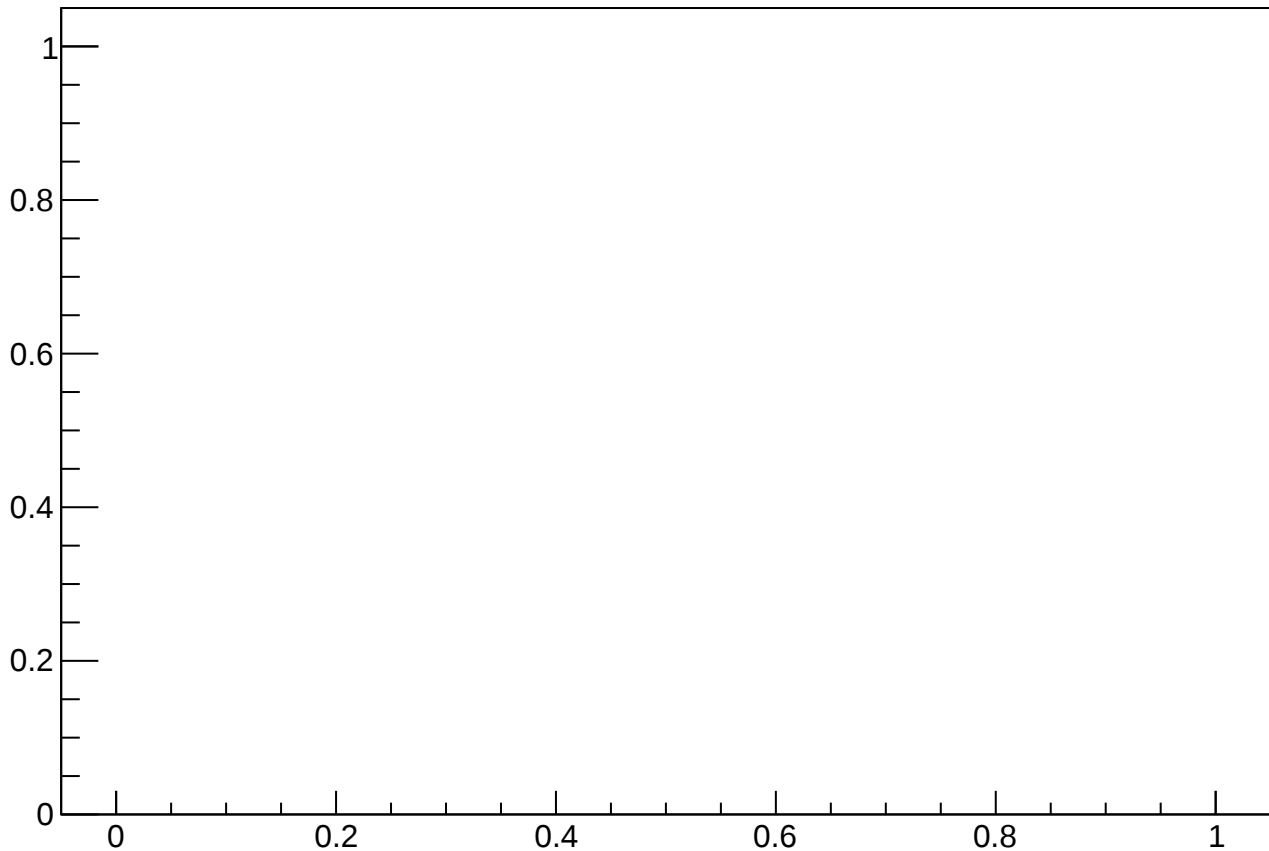
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_dd_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

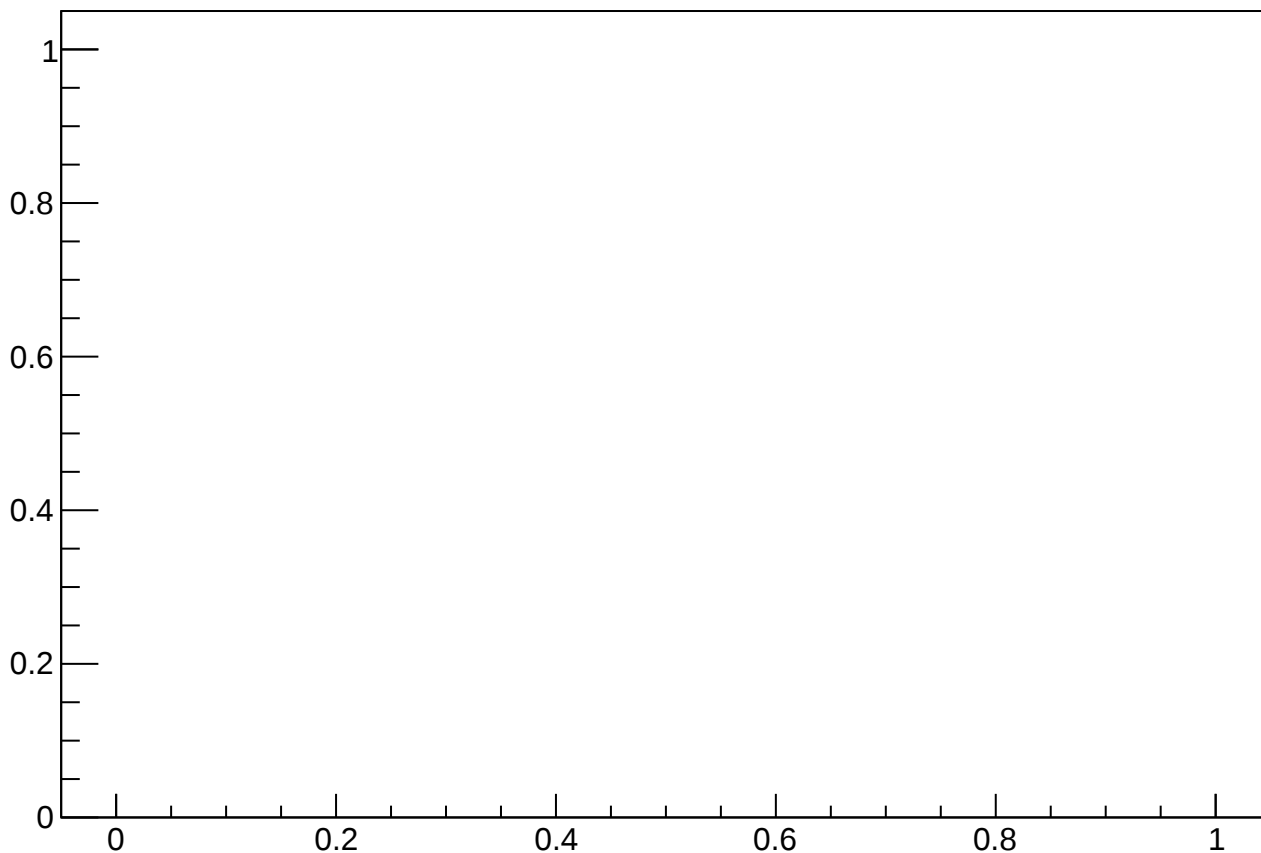
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_dd_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

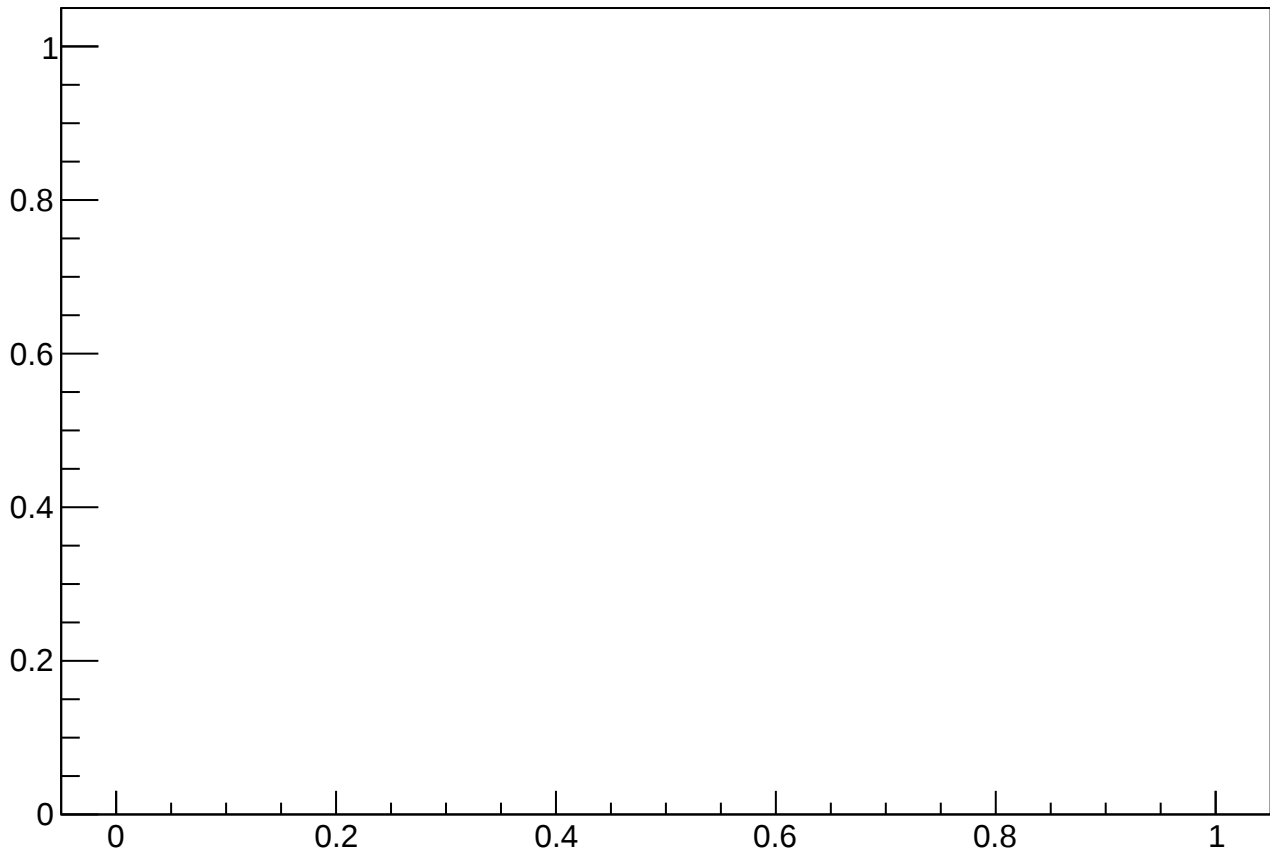
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_dd_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

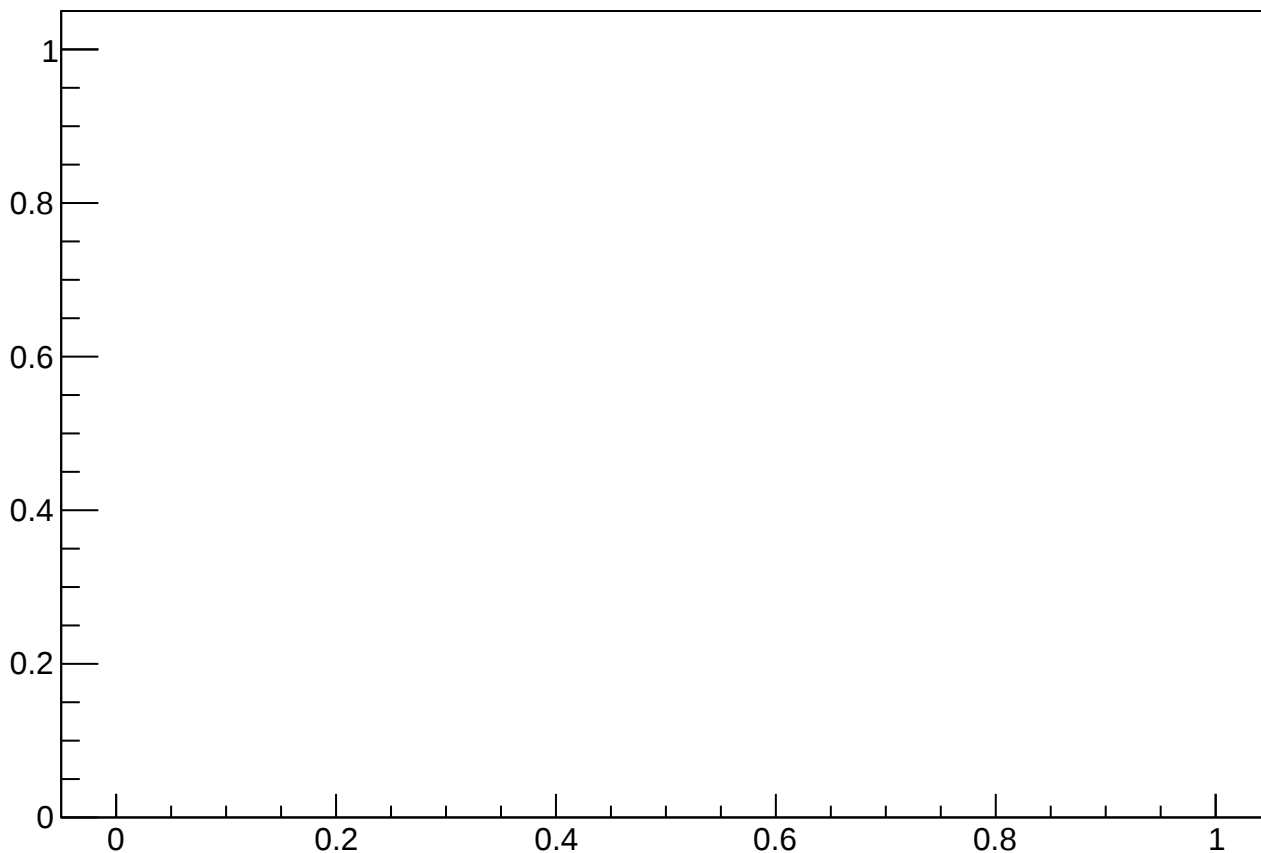
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_dd_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

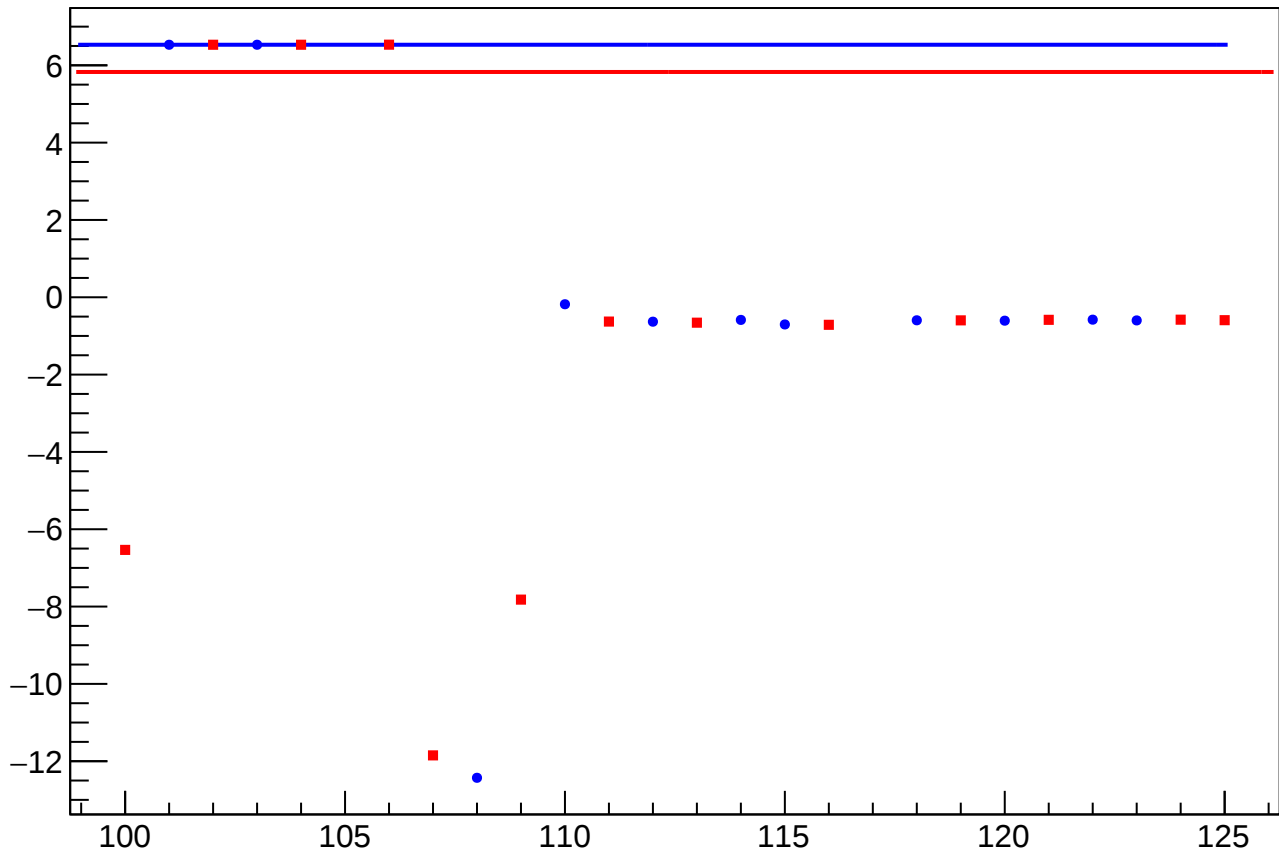
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 6.532+/-0.000 χ^2/NDF : 54779413811.6/10

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

Right Out: 5.828+/-0.000 χ^2/NDF : 755917260576909.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

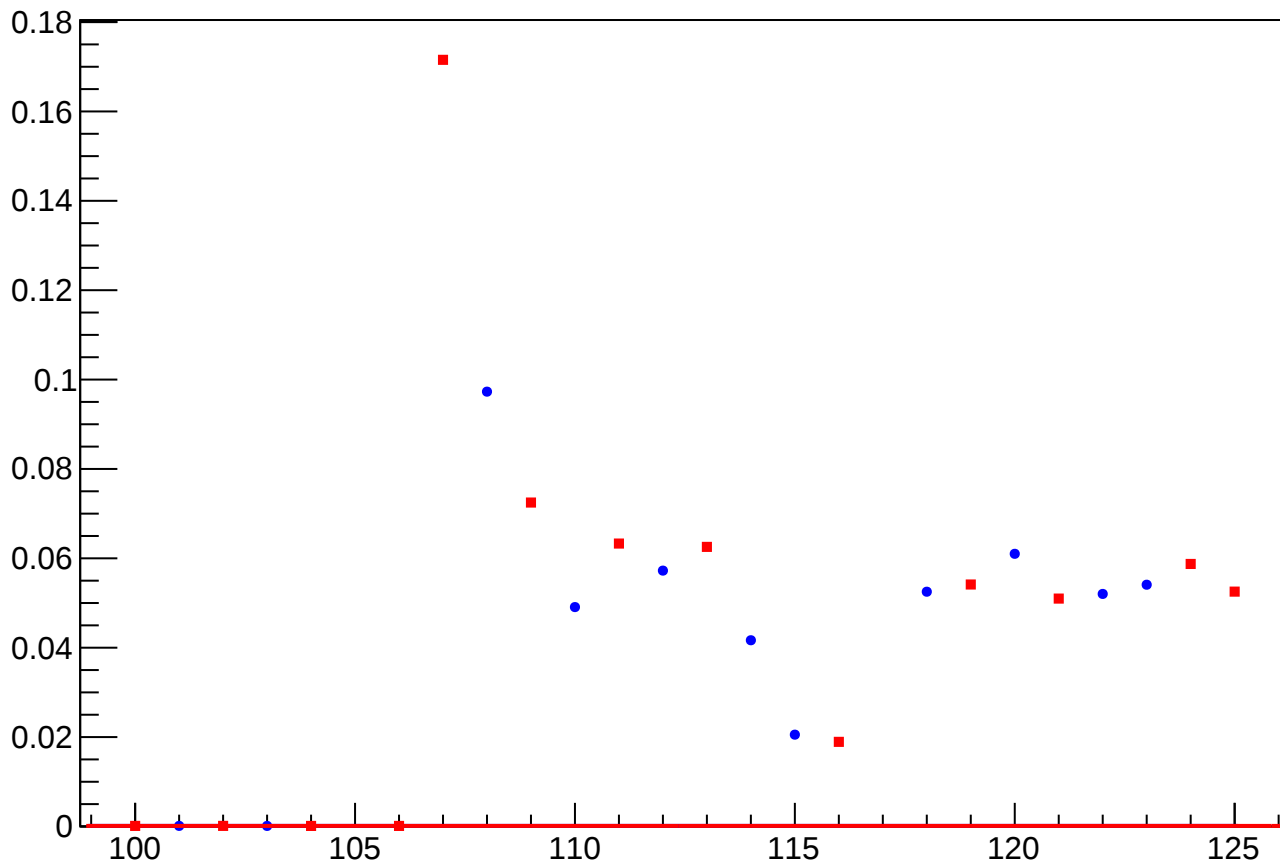
Right: 6.155+/-0.000 χ^2/NDF : 775978812344142.9

In: 6.532+/-0.000 χ^2/NDF : 54779413811.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.155+/-0.000 χ^2/NDF : 775978812344142.9

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4415766.8/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 5602518.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

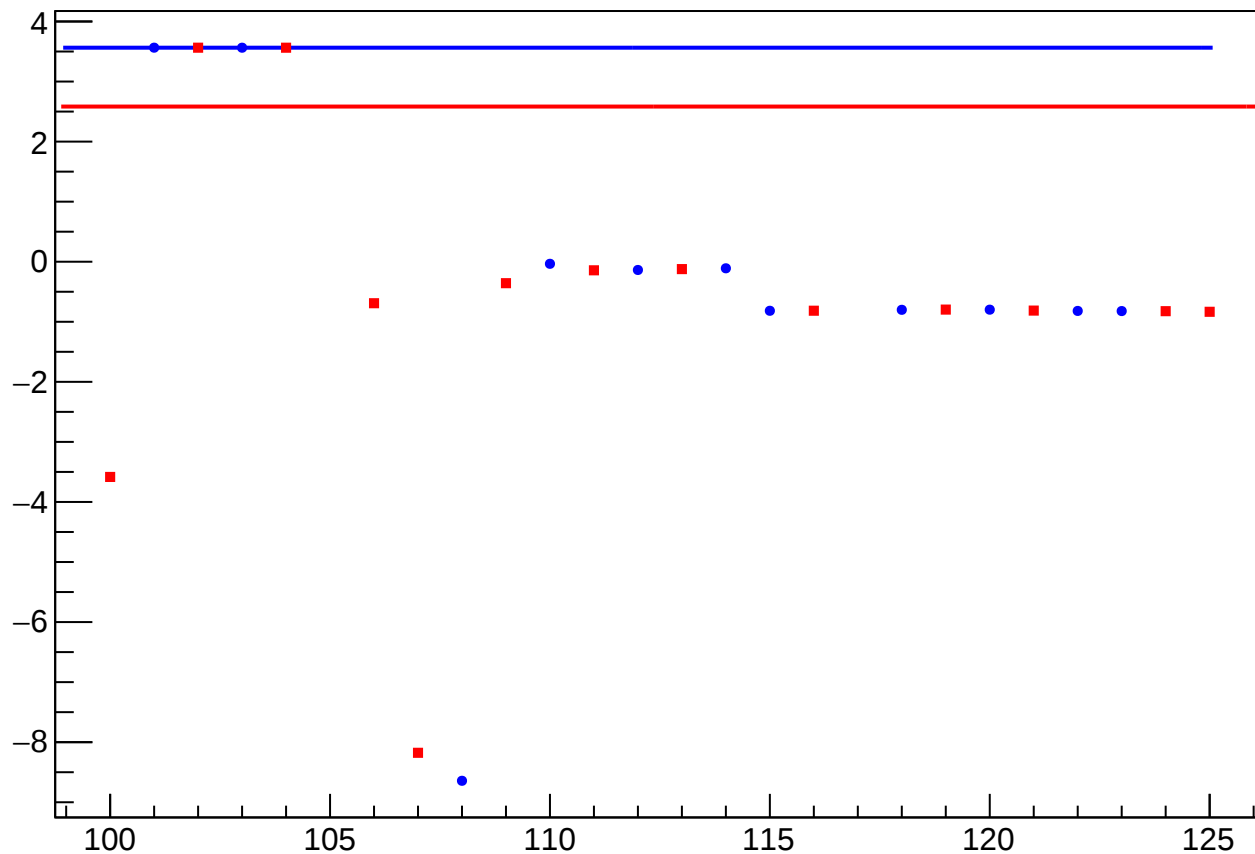
Right: 0.000+/-0.000 χ^2/NDF : 10018470.8/23

In: 0.000+/-0.000 χ^2/NDF : 4415766.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10018470.8/23

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 3.564+/-0.000 χ^2/NDF : 96773382468.6/10

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

Right Out: 2.584+/-0.000 χ^2/NDF : 1253301781407988.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

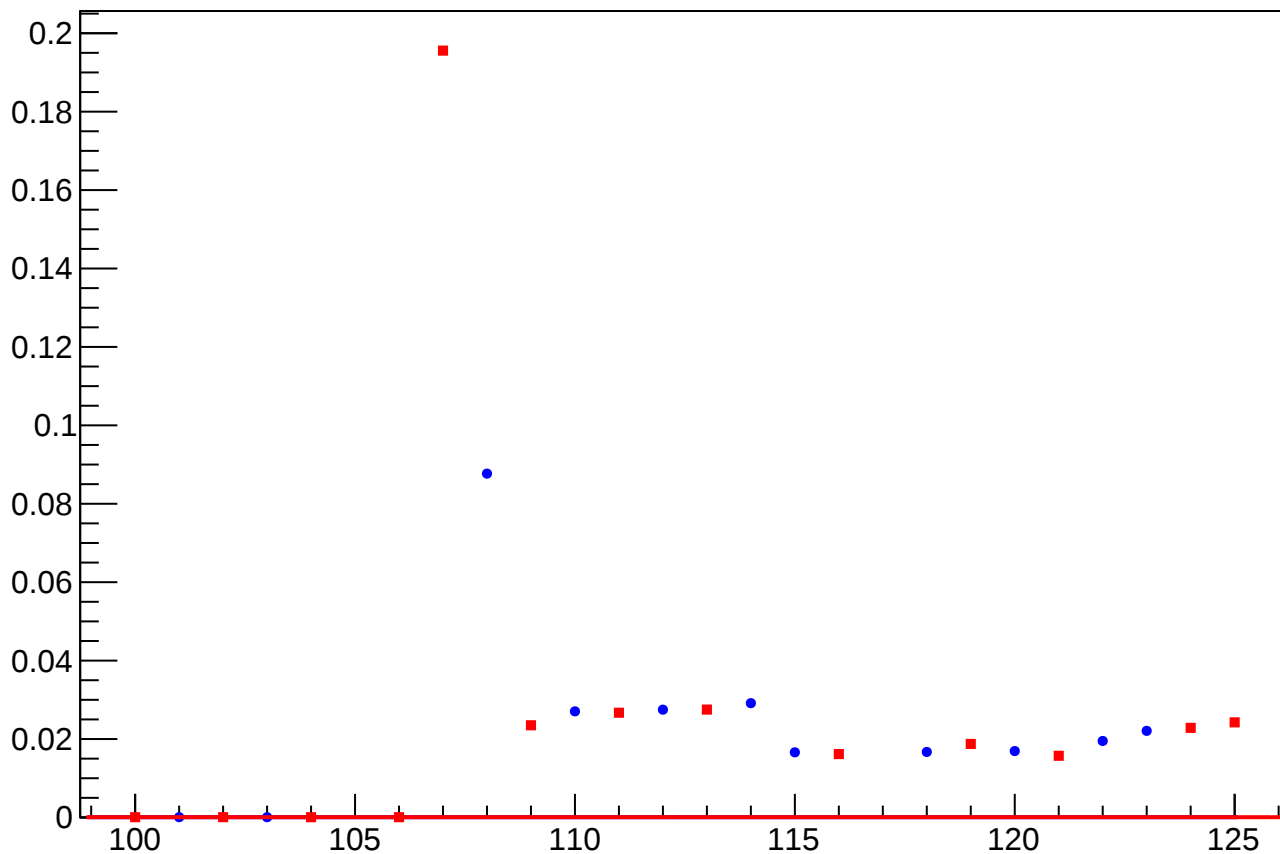
Right: 3.041+/-0.000 χ^2/NDF : 1381698501999053.0

In: 3.564+/-0.000 χ^2/NDF : 96773382468.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.041+/-0.000 χ^2/NDF : 1381698501999053.0

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4725015.2/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 5699027.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

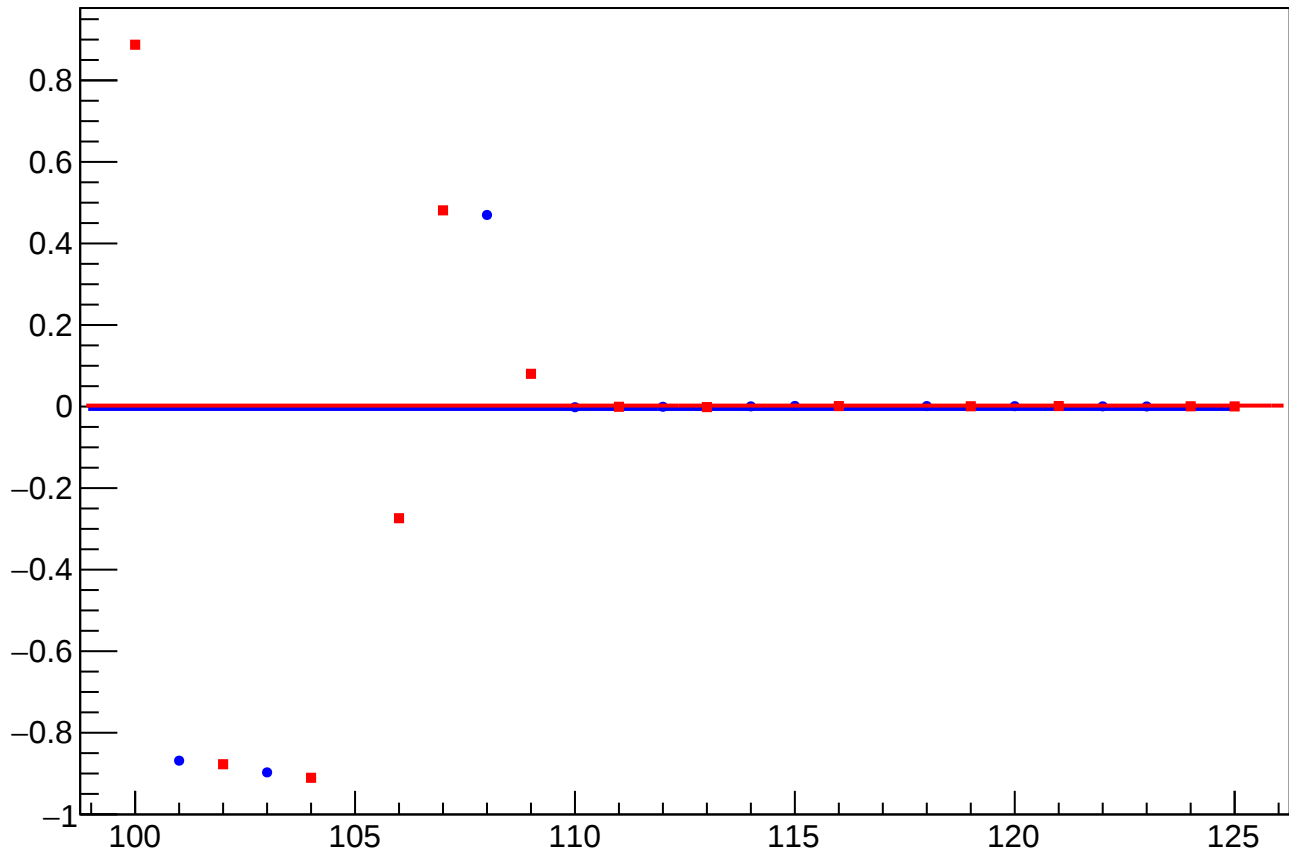
Right: 0.000+/-0.000 χ^2/NDF : 10424208.5/23

In: 0.000+/-0.000 χ^2/NDF : 4725015.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10424208.5/23

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.006+/-0.000 χ^2/NDF : 9778583283.5/10

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3038806302.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

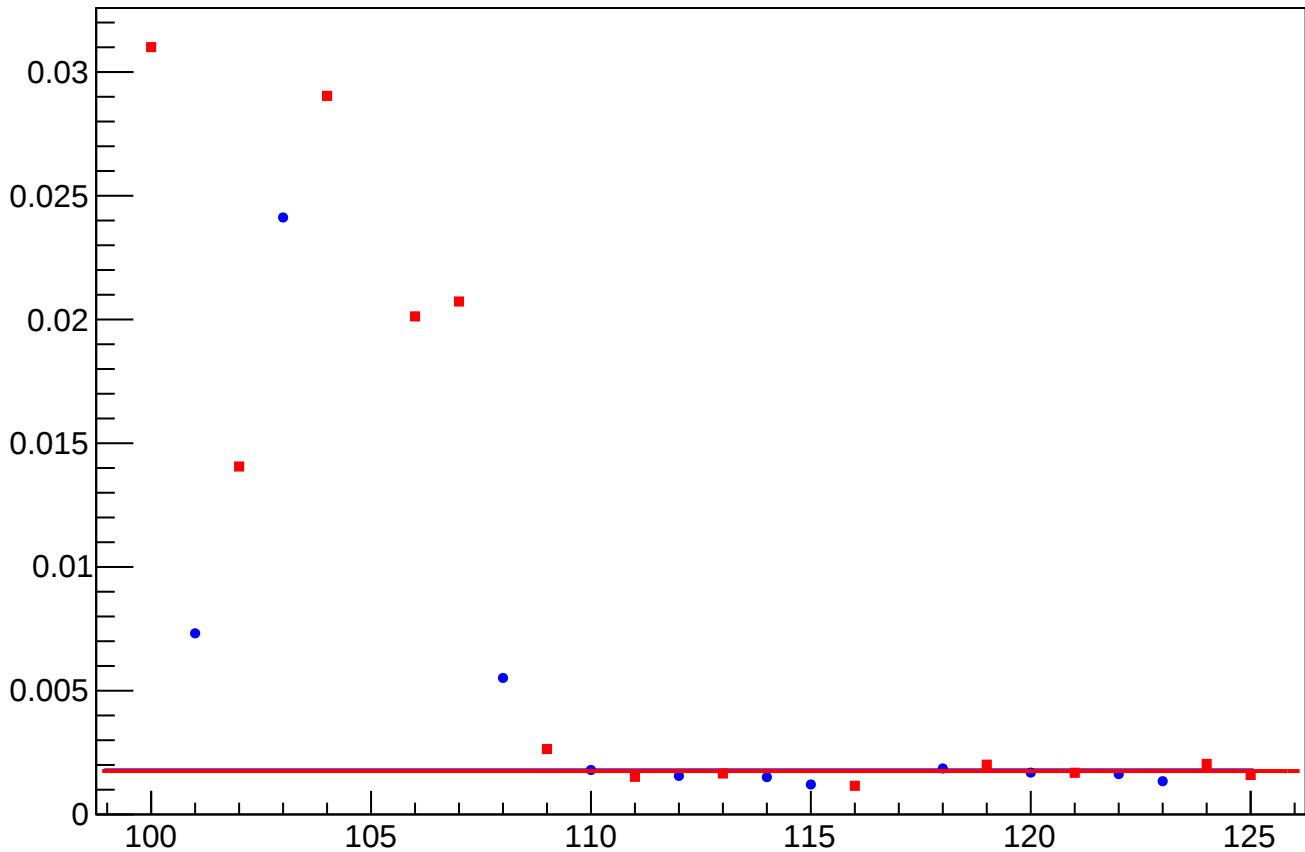
Right: -0.001+/-0.000 χ^2/NDF : 12843986256.7/23

In: -0.006+/-0.000 χ^2/NDF :9778583283.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.001+/-0.000 χ^2/NDF : 12843986256.7/23

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1715485.2/10

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

Right Out: 0.002+/-0.000 χ^2/NDF : 2850590.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

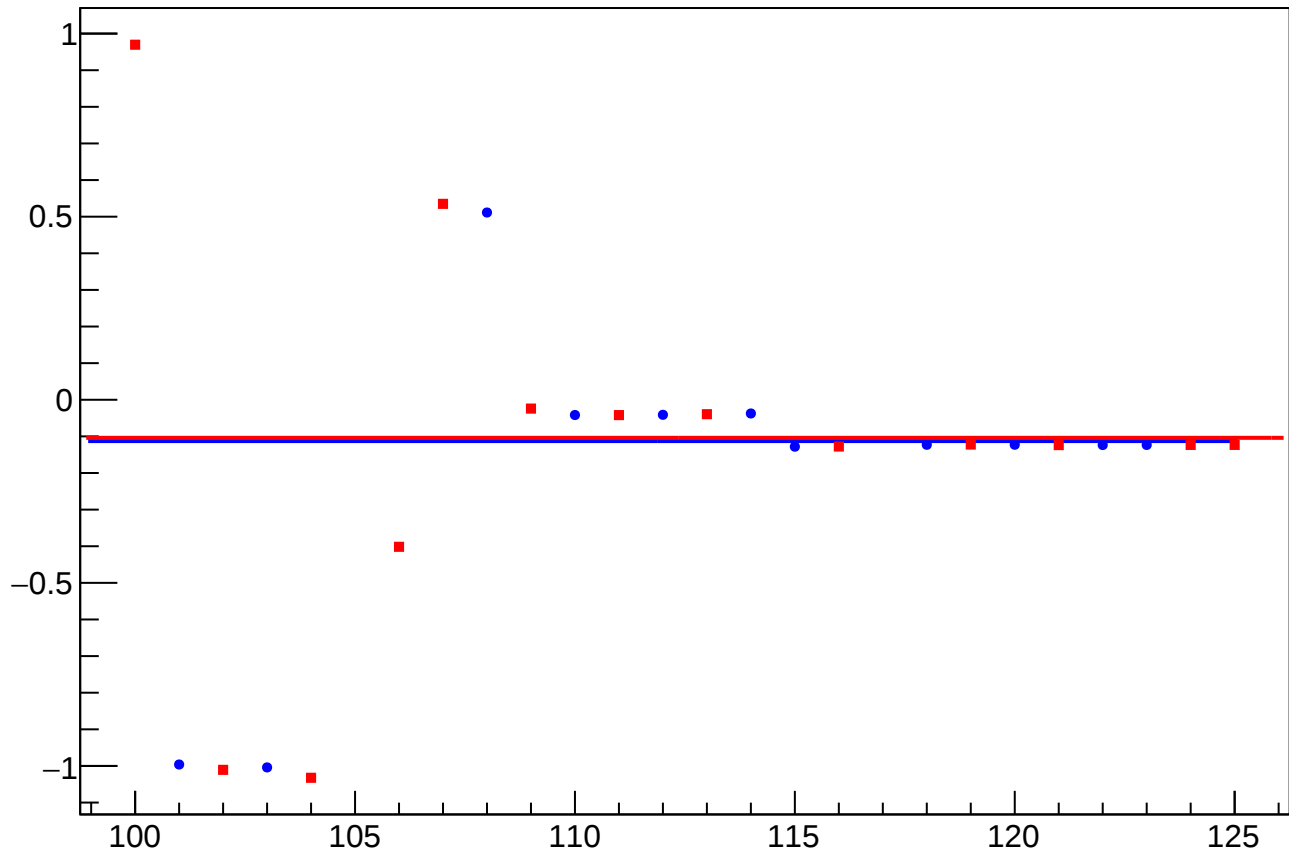
Right: 0.002+/-0.000 χ^2/NDF : 4566648.8/23

In: 0.002+/-0.000 χ^2/NDF : 1715485.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4566648.8/23

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.113+/-0.000 χ^2/NDF : 3882352833.8/10

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

Right Out: -0.104+/-0.000 χ^2/NDF : 2275473283.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

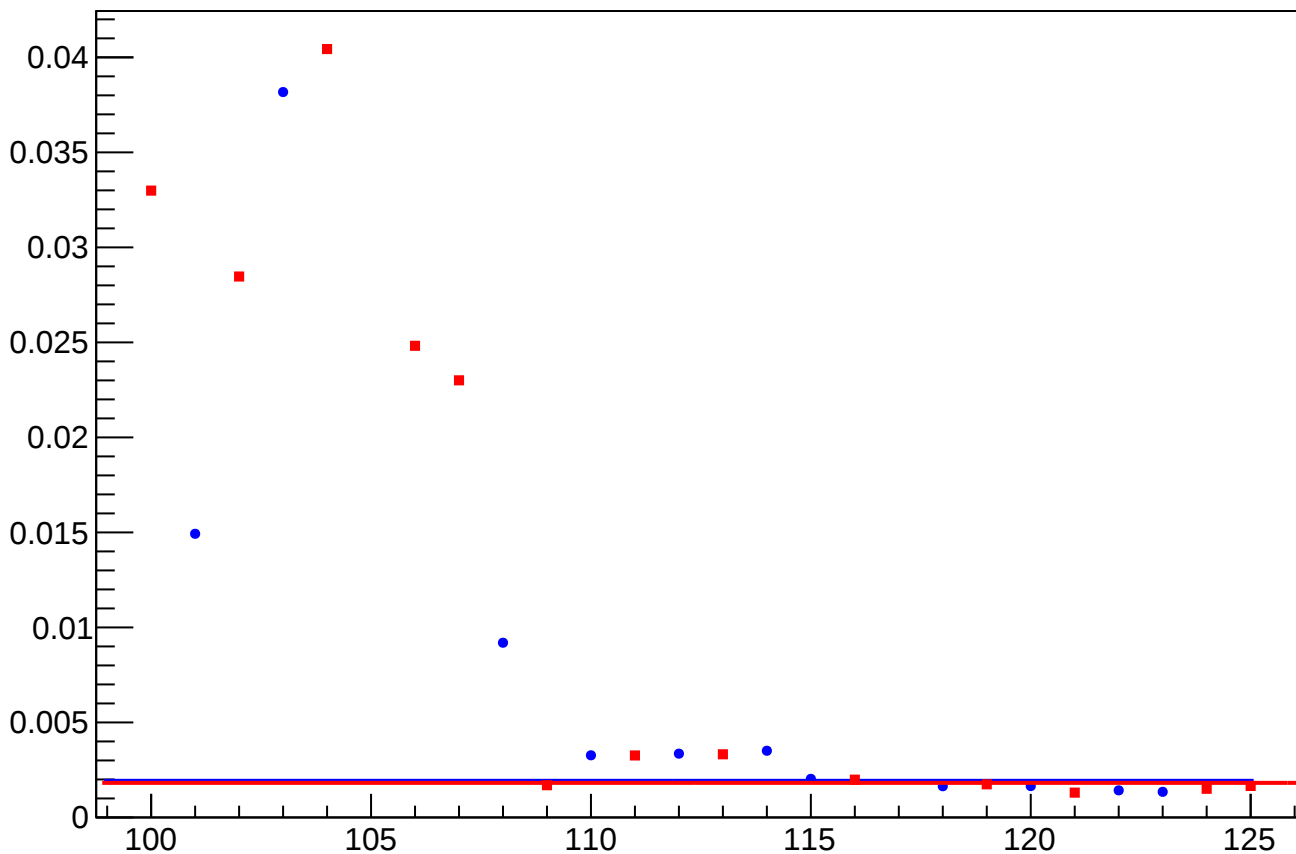
Right: -0.108+/-0.000 χ^2/NDF : 6184631229.2/23

In: -0.113+/-0.000 χ^2/NDF :3882352833.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.108+/-0.000 χ^2/NDF : 6184631229.2/23

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 2589900.1/10

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

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 3266446.7/12

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

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

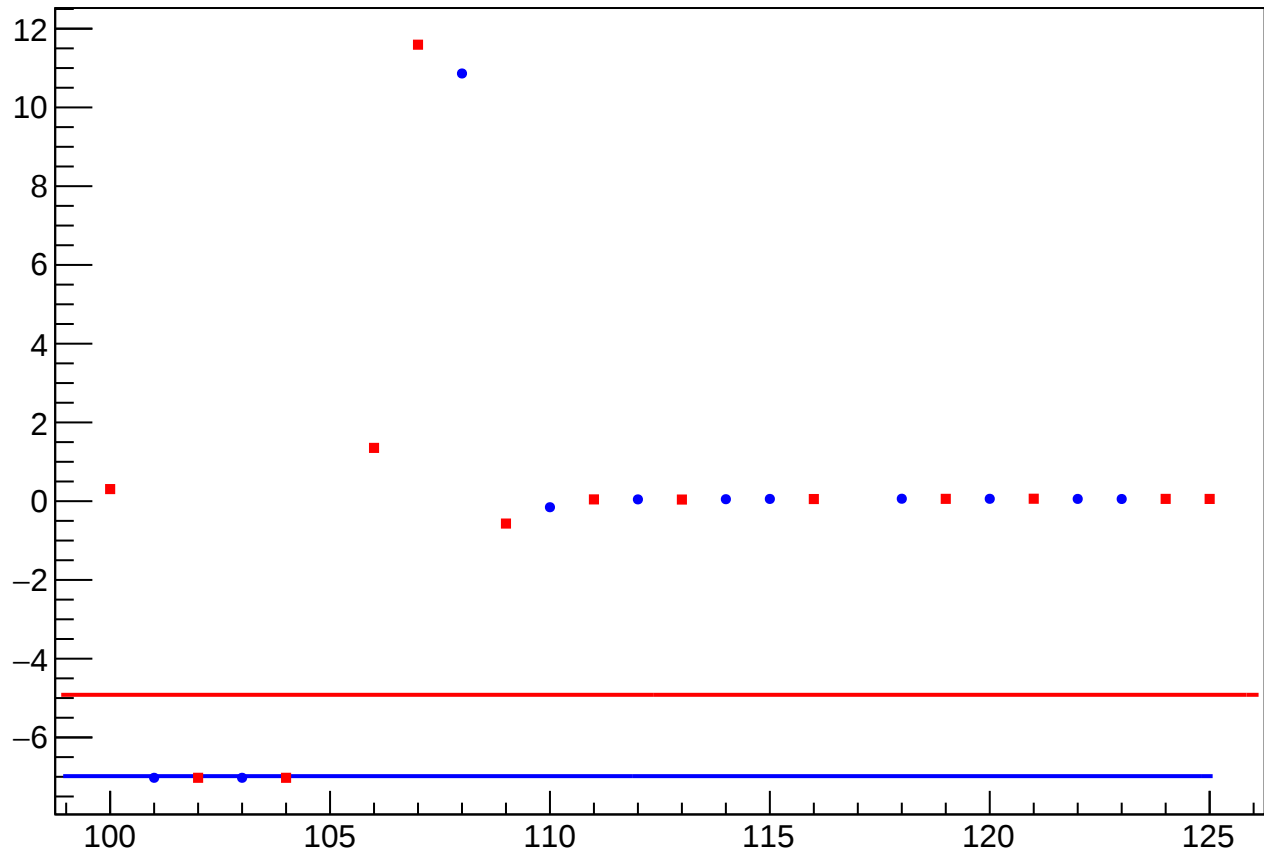
Right: 0.002 $\pm$ 0.000 χ^2 /NDF: 5864220.0/23

In: 0.002 $\pm$ 0.000 χ^2 /NDF:2589900.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 5864220.0/23

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -6.983+/-0.000 χ^2/NDF : 7312664463448.5/10

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

Right Out: -4.918+/-0.000 χ^2/NDF : 364835881626095.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

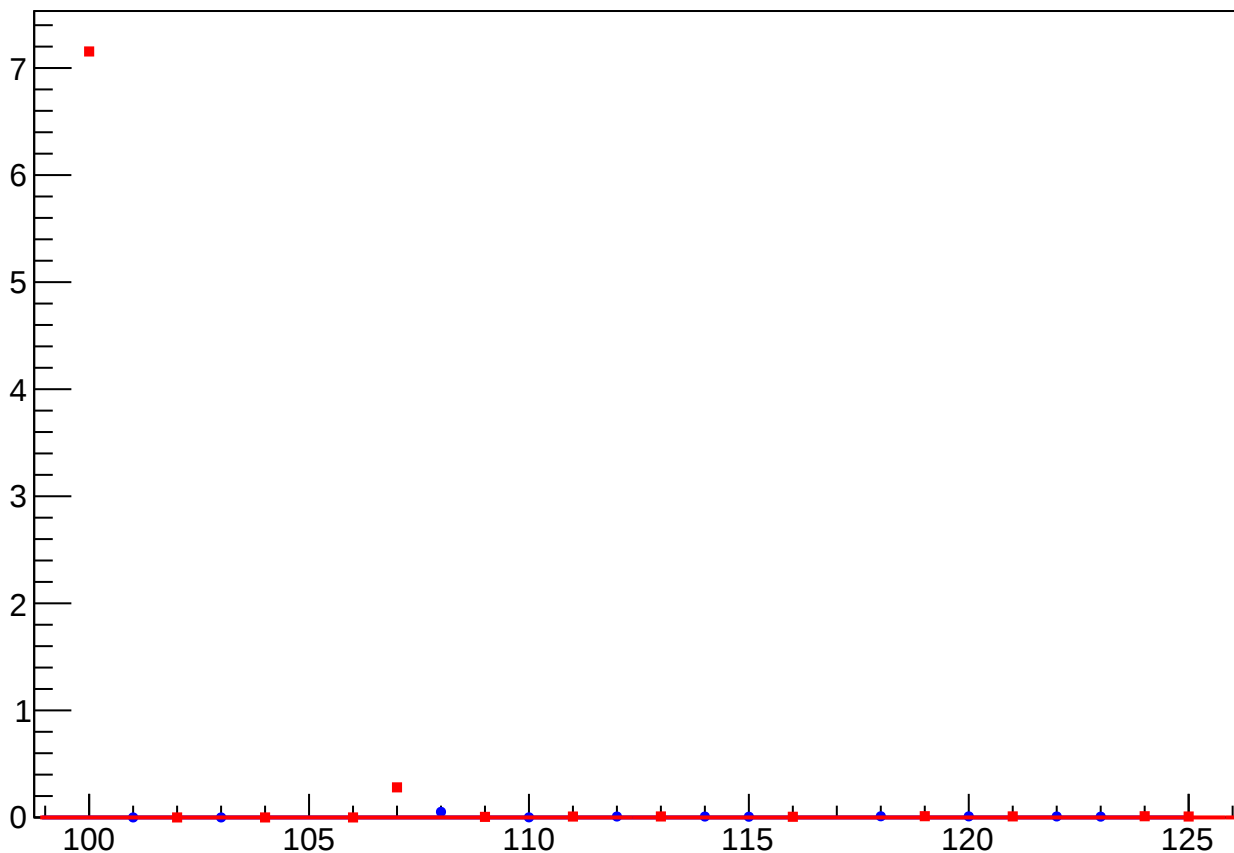
Right: -5.905+/-0.000 χ^2/NDF : 428527057793753.8

In: -6.983+/-0.000 χ^2/NDF : 7312664463448.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.905+/-0.000 χ^2/NDF : 4285270577937

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3853479.4/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 5113868.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

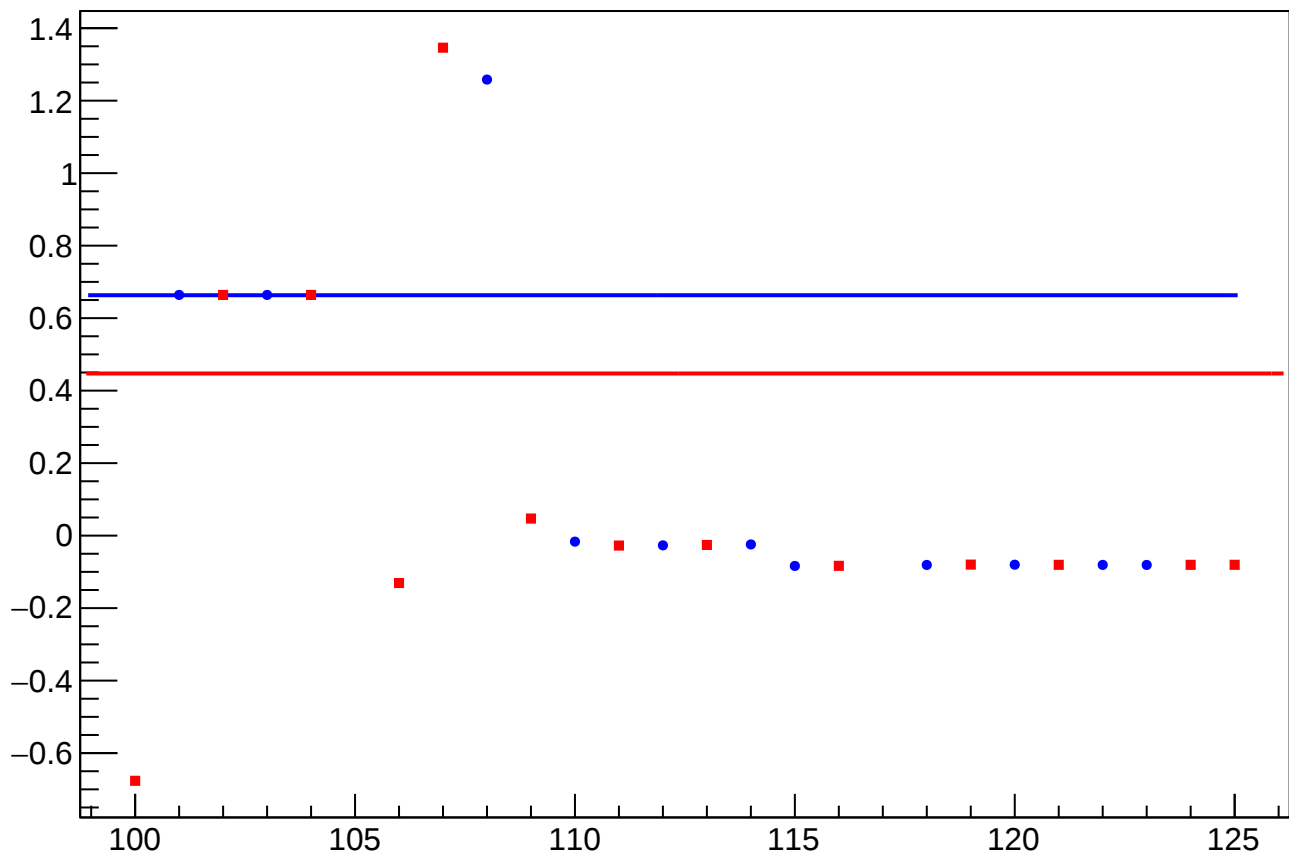
Right: 0.000+/-0.000 χ^2/NDF : 8967353.0/23

In: 0.000+/-0.000 χ^2/NDF : 3853479.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8967353.0/23

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.663+/-0.000

χ^2/NDF : 1658063240994.7/10

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.550+/-0.000 χ^2/NDF : 468862003047745.4

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.663+/-0.000 χ^2/NDF : 1658063240994.7/10

Right Out: 0.447+/-0.000

χ^2/NDF : 403846248818306.9/12

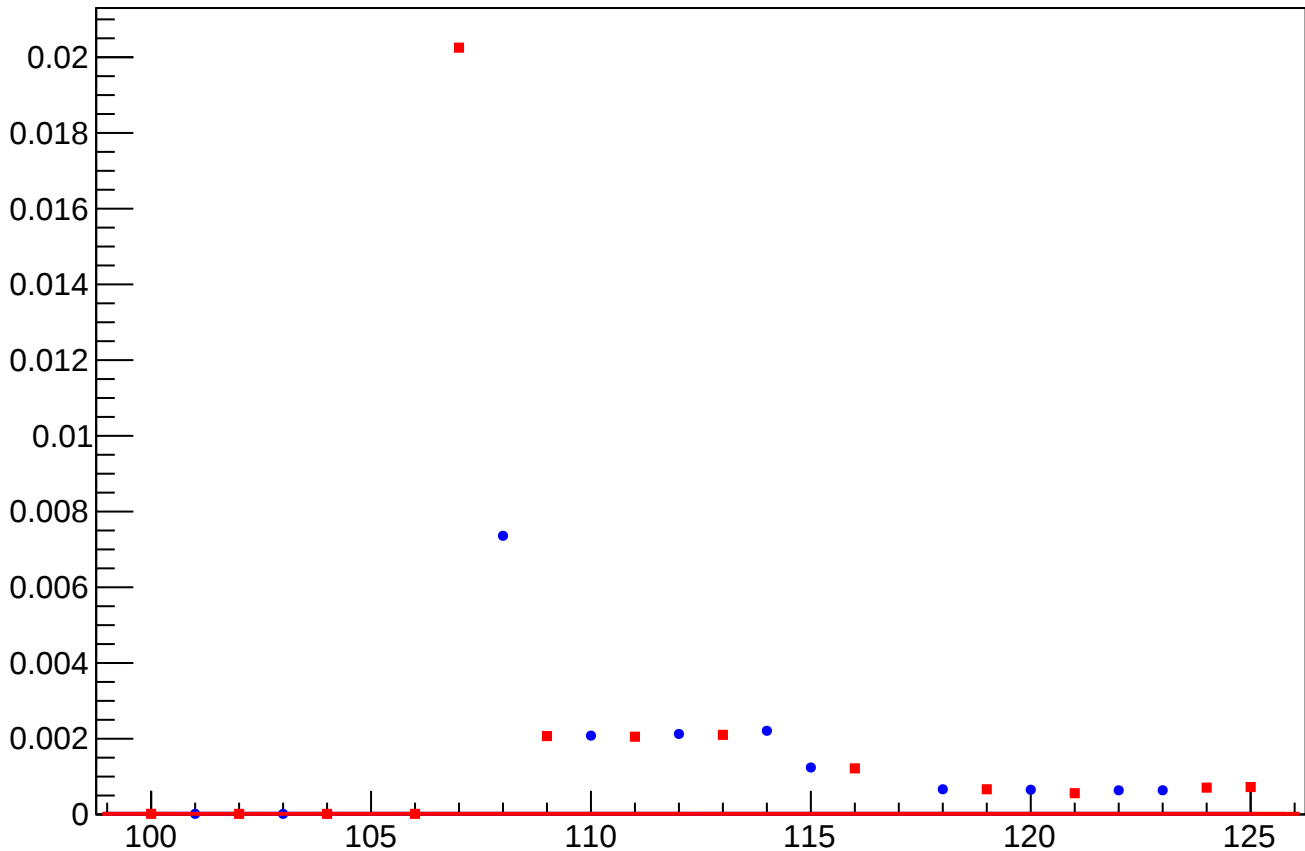
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.550+/-0.000 χ^2/NDF : 468862003047745.4

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4812954.6/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 5343244.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

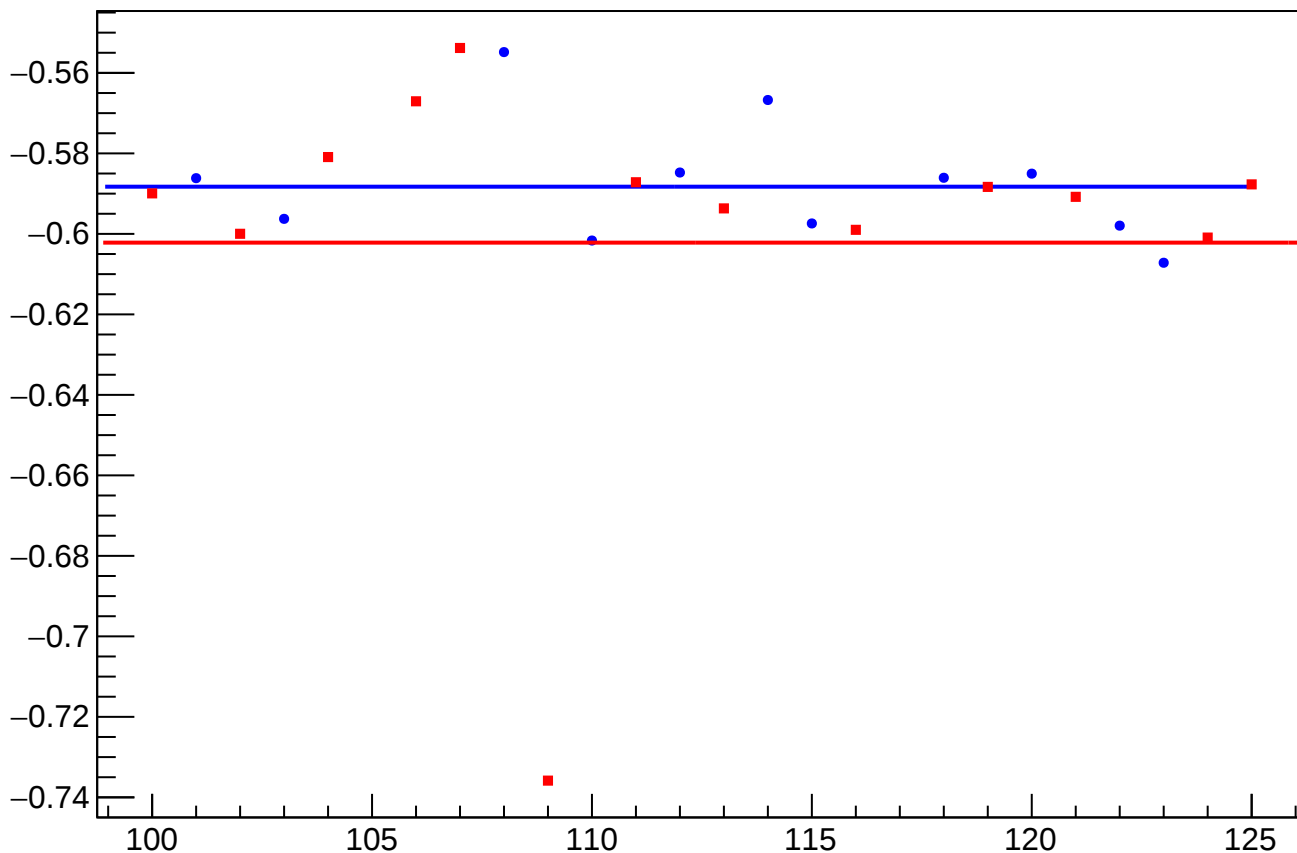
Right: 0.000+/-0.000 χ^2/NDF : 10156552.3/23

In: 0.000+/-0.000 χ^2/NDF : 4812954.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10156552.3/23

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.588+/-0.000 χ^2/NDF : 605247.9/10

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

Right Out: -0.602+/-0.000 χ^2/NDF : 10273851.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

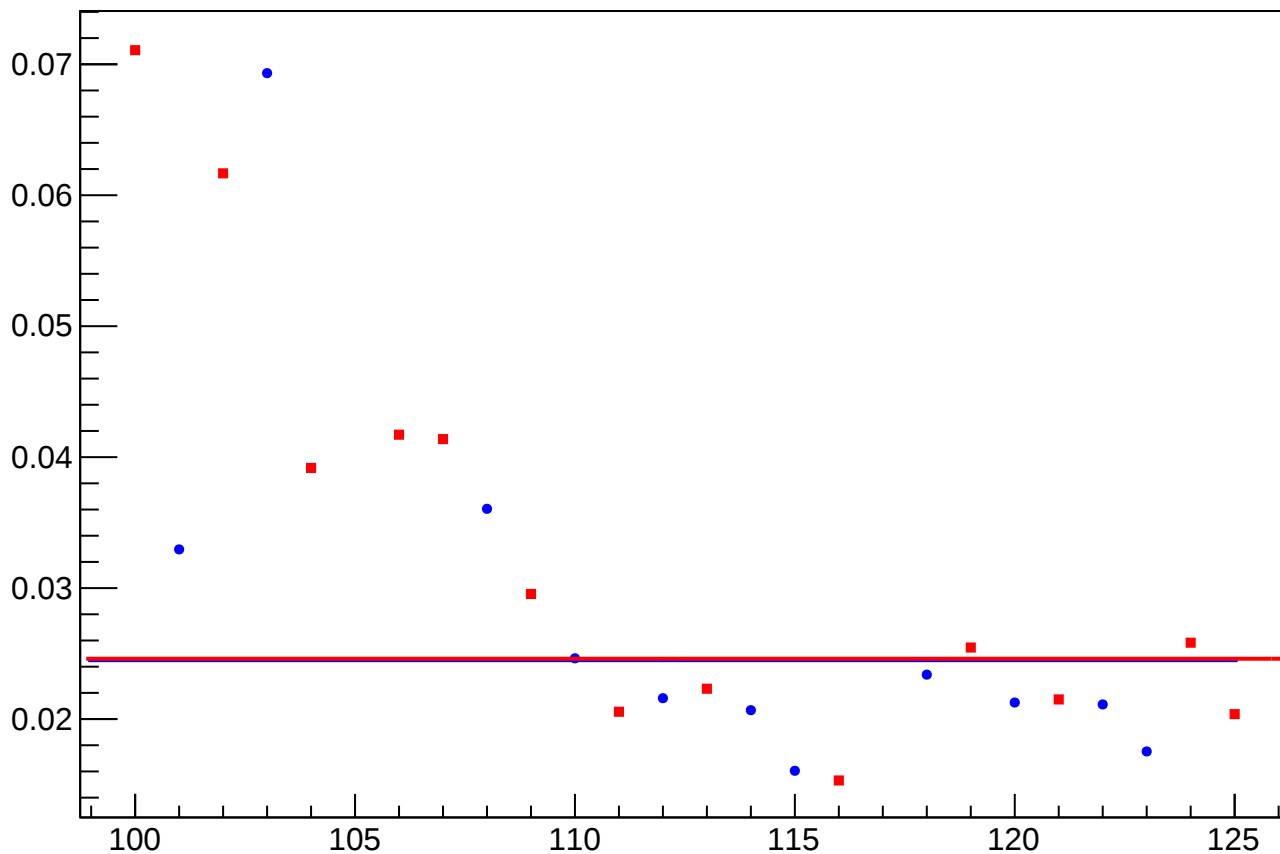
Right: -0.596+/-0.000 χ^2/NDF : 11388765.2/23

In: -0.588+/-0.000 χ^2/NDF :605247.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.596+/-0.000 χ^2/NDF : 11388765.2/23

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.024+/-0.000 χ^2/NDF : 707256.1/10

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

Right Out: 0.025+/-0.000 χ^2/NDF : 928571.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

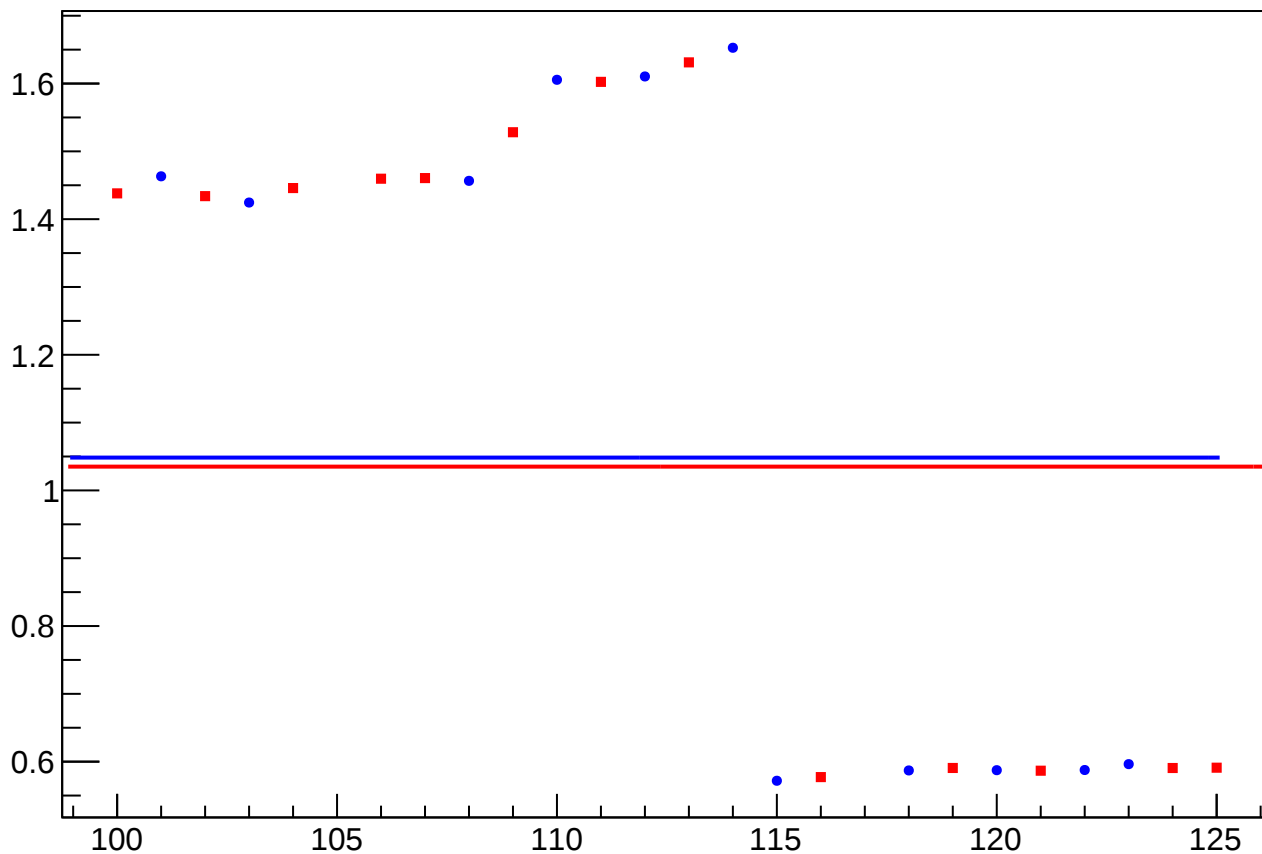
Right: 0.025+/-0.000 χ^2/NDF : 1635892.0/23

In: 0.024+/-0.000 χ^2/NDF : 707256.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.000 χ^2/NDF : 1635892.0/23

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 1.048+/-0.000 χ^2/NDF : 2243389617.4/10

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

Right Out: 1.035+/-0.000 χ^2/NDF : 2894566685.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

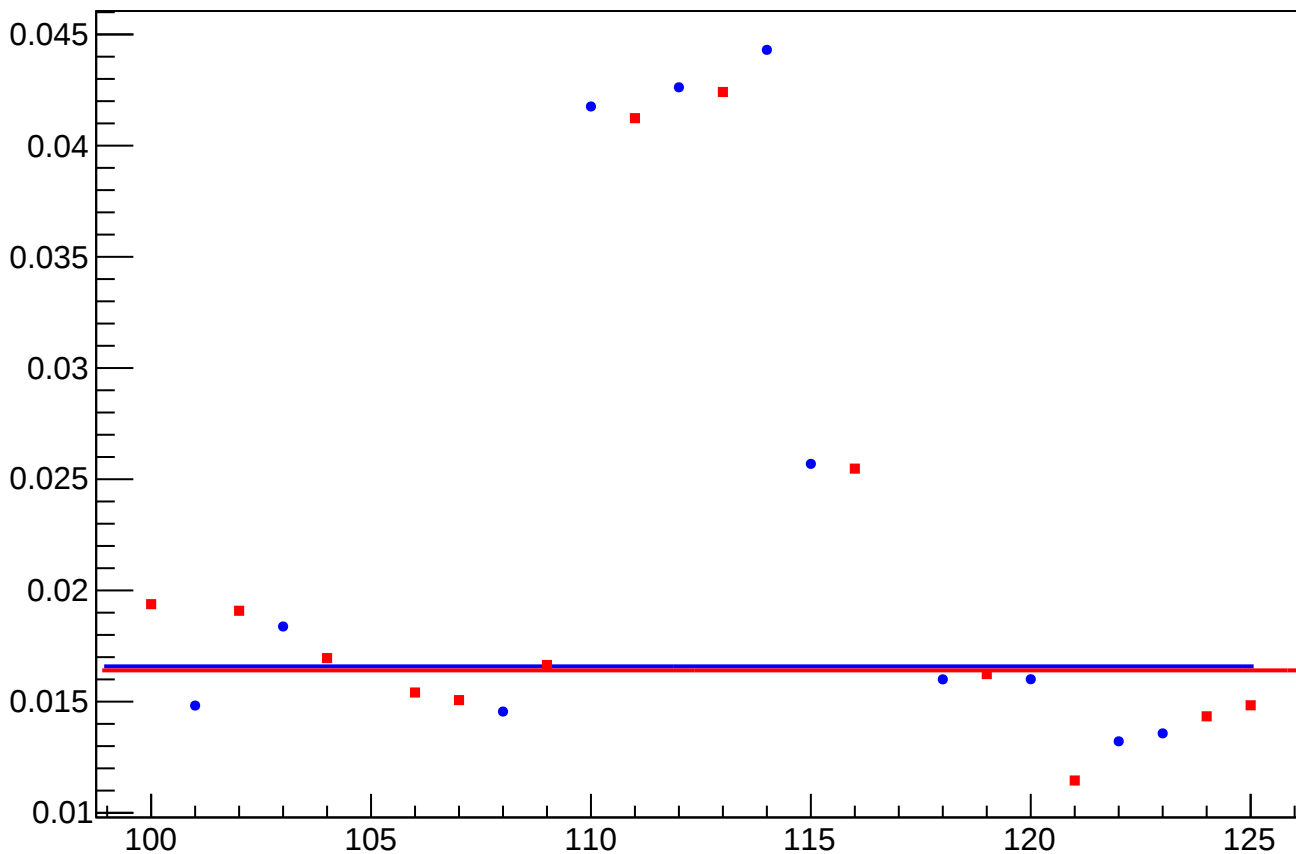
Right: 1.041+/-0.000 χ^2/NDF : 5139111967.4/23

In: 1.048+/-0.000 χ^2/NDF :2243389617.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.041+/-0.000 χ^2/NDF : 5139111967.4/23

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 774138.2/10

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

Right Out: 0.016+/-0.000 χ^2/NDF : 863820.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

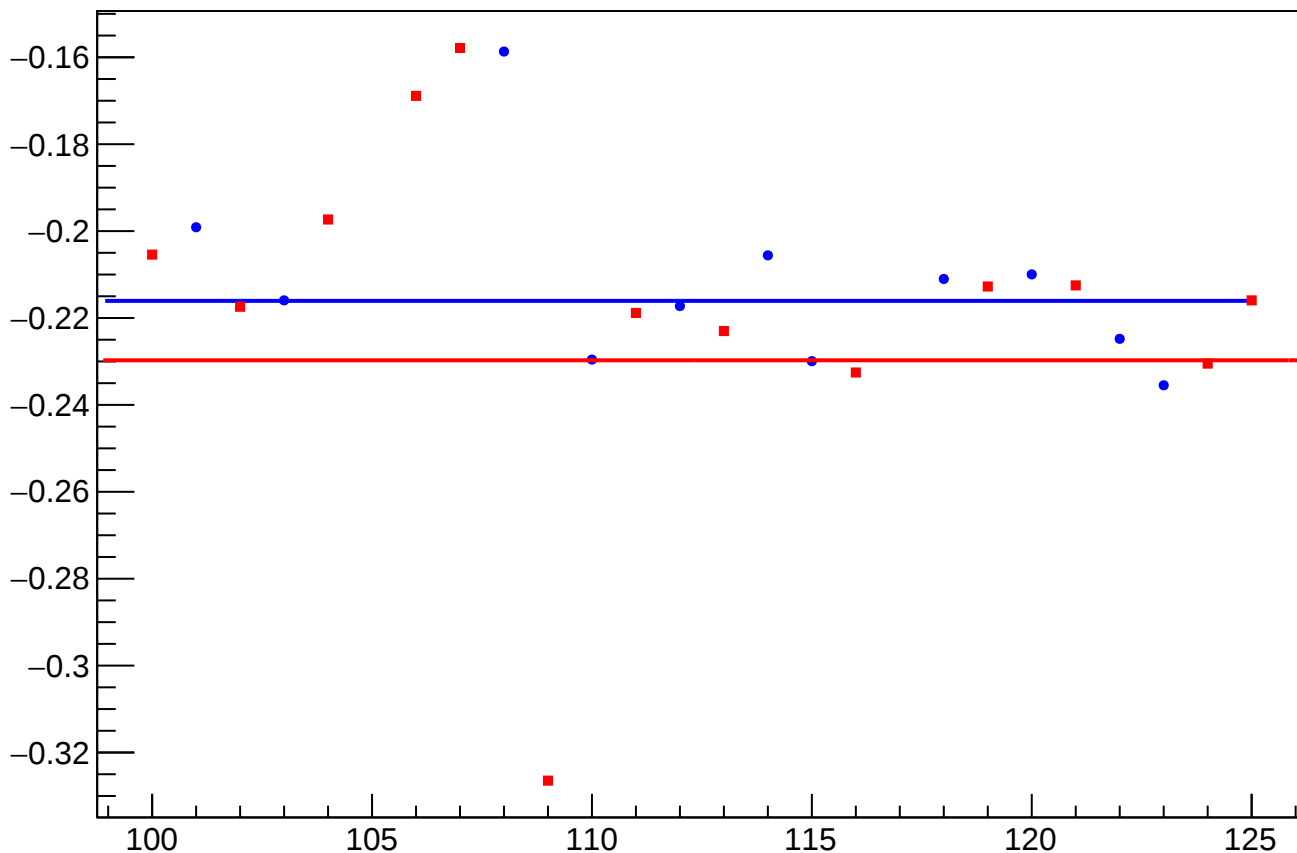
Right: 0.016+/-0.000 χ^2/NDF : 1638380.0/23

In: 0.017+/-0.000 χ^2/NDF : 774138.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 1638380.0/23

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.216+/-0.000 χ^2/NDF : 1376959.2/10

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

Right Out: -0.230+/-0.000 χ^2/NDF : 11306395.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

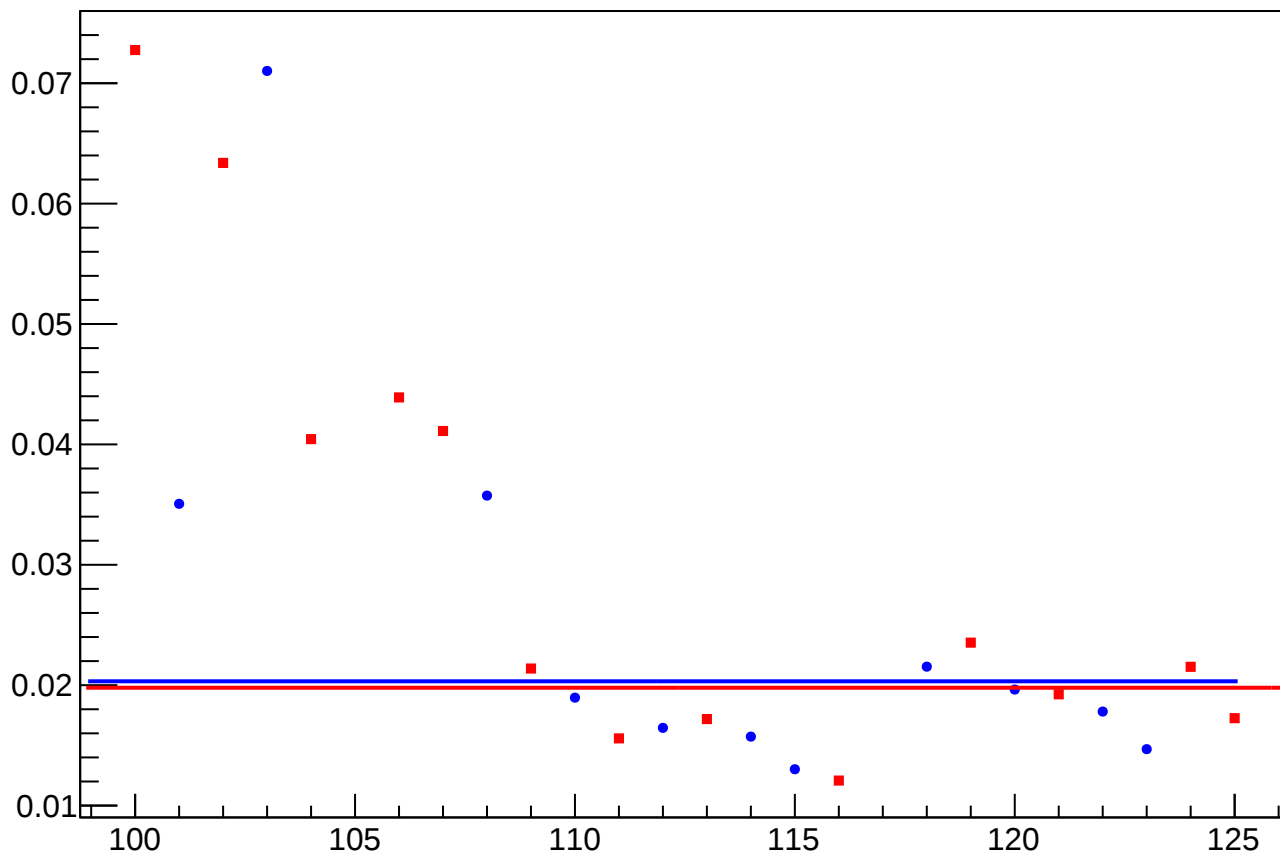
Right: -0.224+/-0.000 χ^2/NDF : 13384189.1/23

In: -0.216+/-0.000 χ^2/NDF :1376959.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.224+/-0.000 χ^2/NDF : 13384189.1/23

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1009799.0/10

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

Right Out: 0.020+/-0.000 χ^2/NDF : 1301193.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

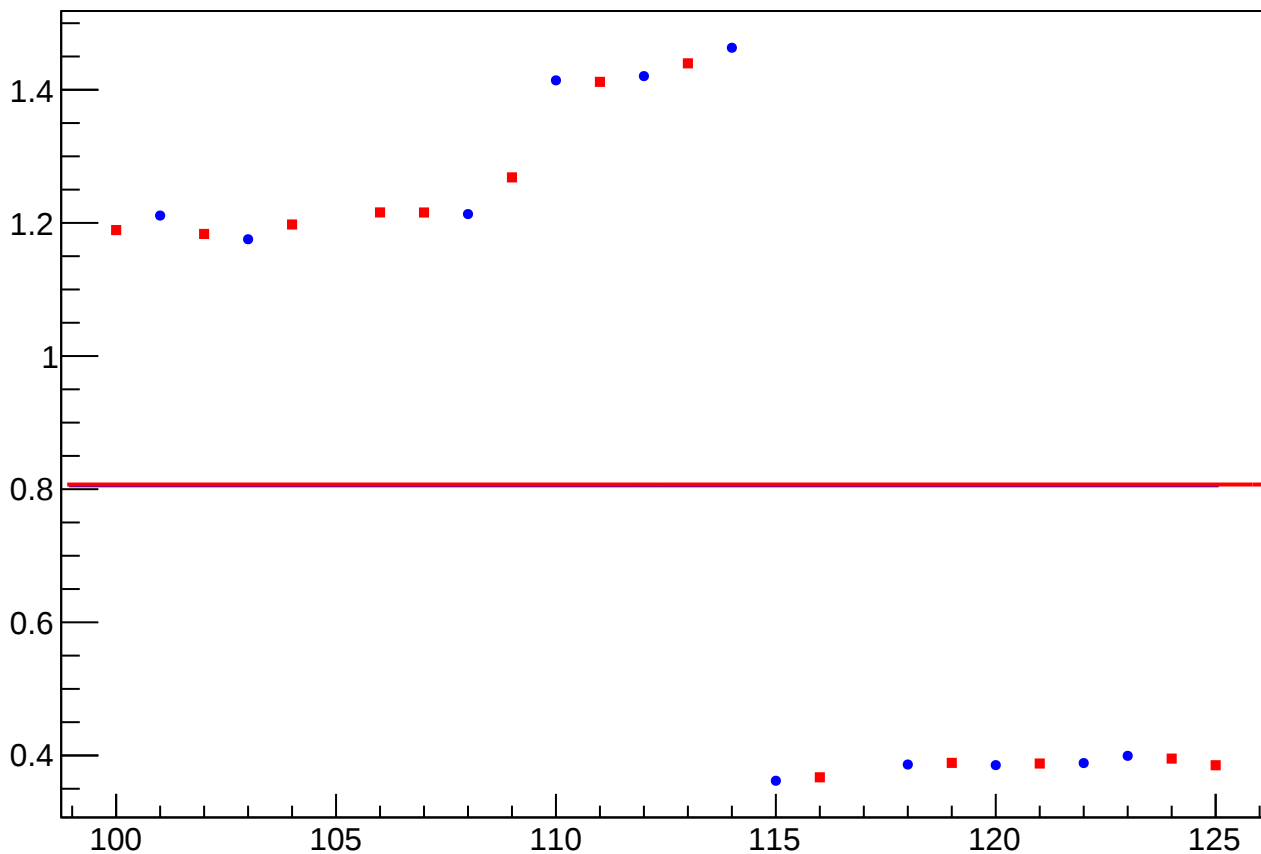
Right: 0.020+/-0.000 χ^2/NDF : 2313130.4/23

In: 0.020+/-0.000 χ^2/NDF :1009799.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.020+/-0.000 χ^2/NDF : 2313130.4/23

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.806+/-0.000 χ^2/NDF : 3083296857.1/10

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

Right Out: 0.807+/-0.000 χ^2/NDF : 3620788238.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

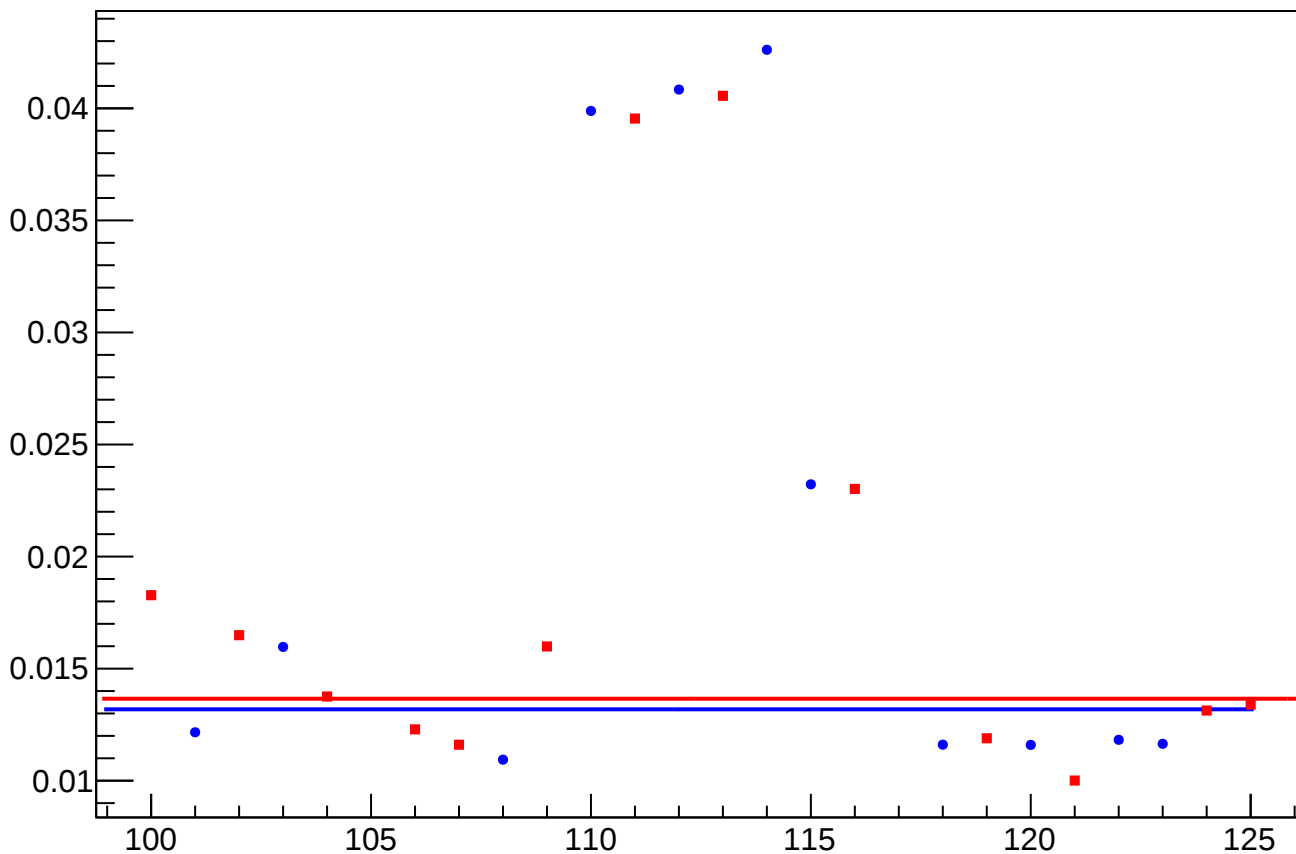
Right: 0.806+/-0.000 χ^2/NDF : 6704098394.2/23

In: 0.806+/-0.000 χ^2/NDF :3083296857.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.806+/-0.000 χ^2/NDF : 6704098394.2/23

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 945110.3/10

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

Right Out: 0.014+/-0.000 χ^2/NDF : 1003163.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

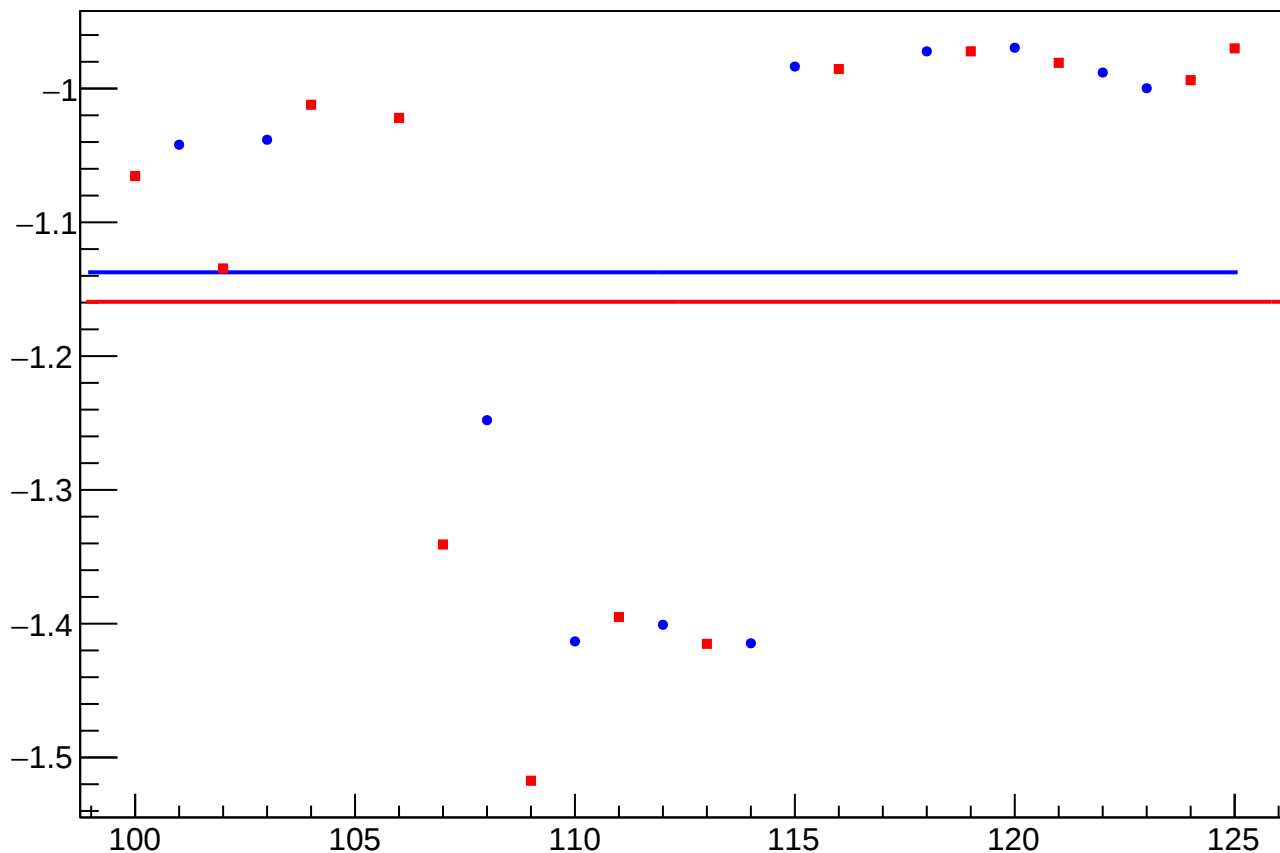
Right: 0.013+/-0.000 χ^2/NDF : 1952560.8/23

In: 0.013+/-0.000 χ^2/NDF : 945110.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 1952560.8/23

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.137+/-0.000 χ^2/NDF : 188231606.0/10

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

Right Out: -1.159+/-0.000 χ^2/NDF : 282545649.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

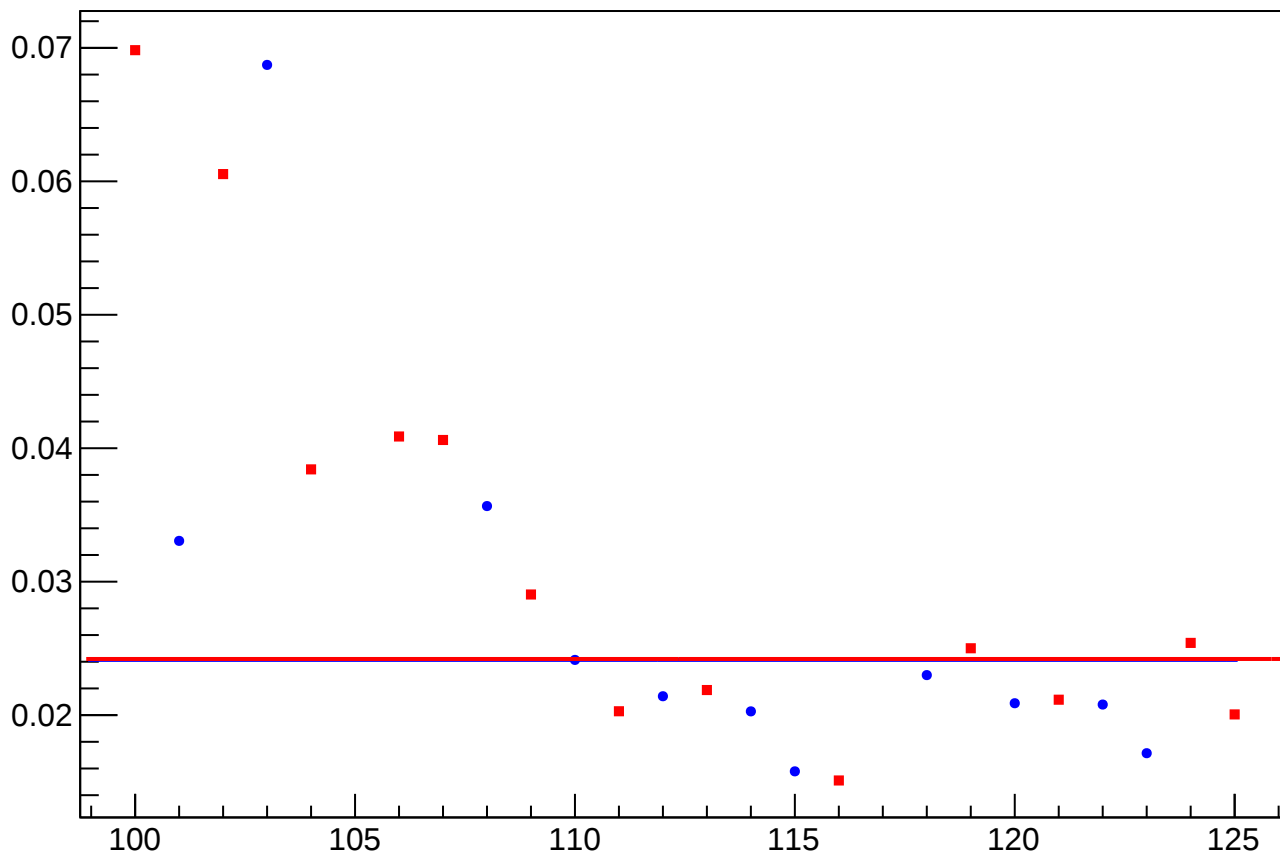
Right: -1.149+/-0.000 χ^2/NDF : 472094703.9/23

In: -1.137+/-0.000 χ^2/NDF : 188231606.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.149+/-0.000 χ^2/NDF : 472094703.9/23

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.024+/-0.000 χ^2/NDF : 717144.2/10

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

Right Out: 0.024+/-0.000 χ^2/NDF : 921529.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

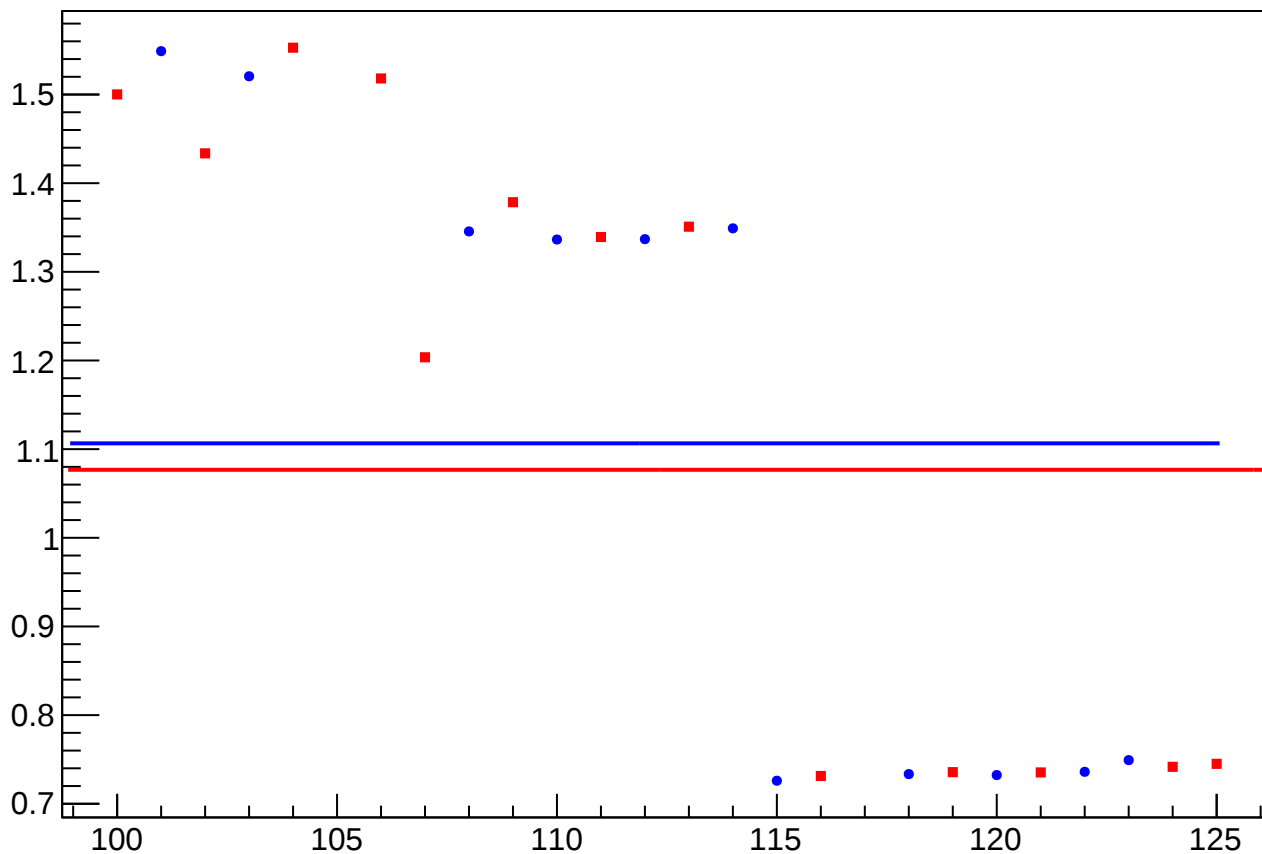
Right: 0.024+/-0.000 χ^2/NDF : 1638698.1/23

In: 0.024+/-0.000 χ^2/NDF : 717144.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1638698.1/23

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.107+/-0.000 χ^2/NDF : 1529600048.7/10

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

Right Out: 1.077+/-0.000 χ^2/NDF : 1754180439.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

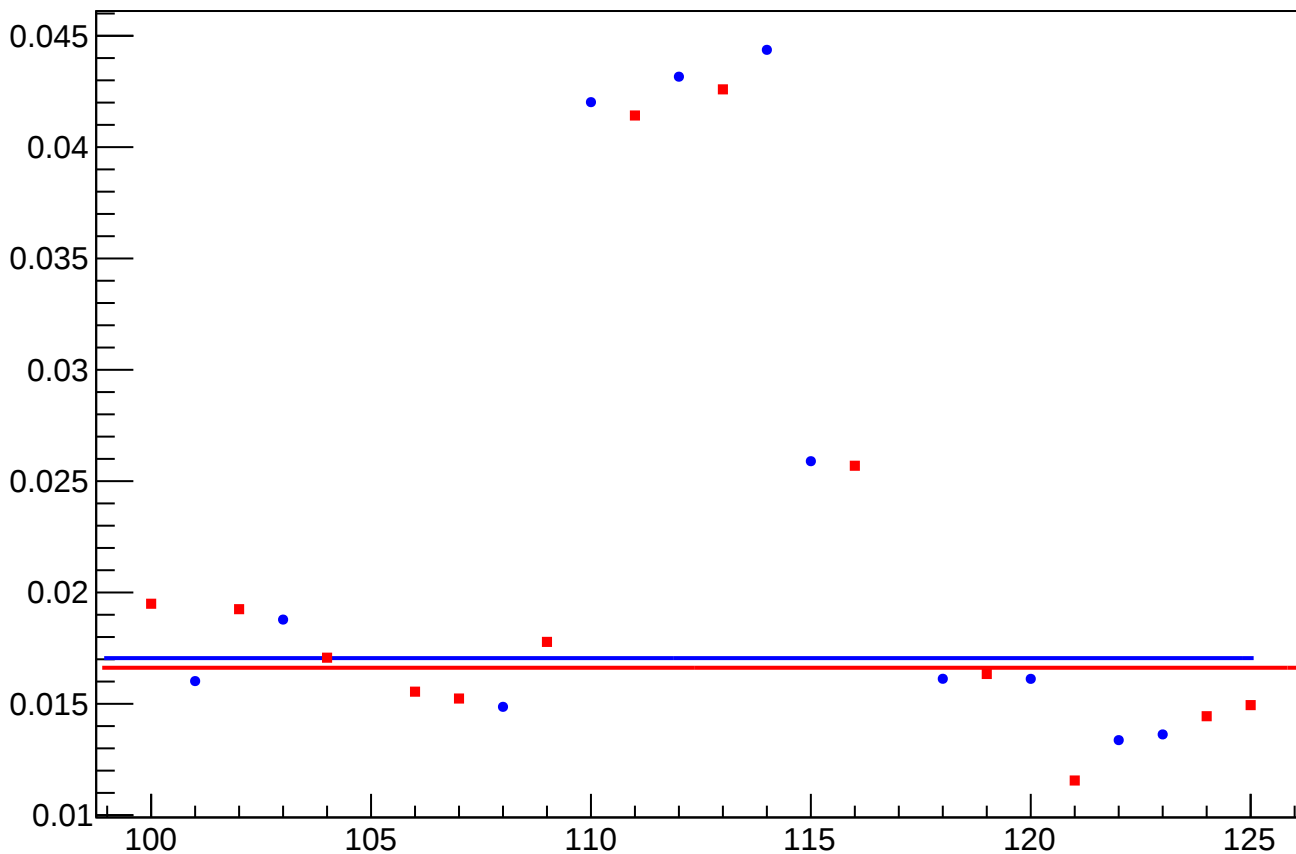
Right: 1.090+/-0.000 χ^2/NDF : 3289302741.8/23

In: 1.107+/-0.000 χ^2/NDF :1529600048.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.090+/-0.000 χ^2/NDF : 3289302741.8/23

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 758035.8/10

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

Right Out: 0.017+/-0.000 χ^2/NDF : 863139.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

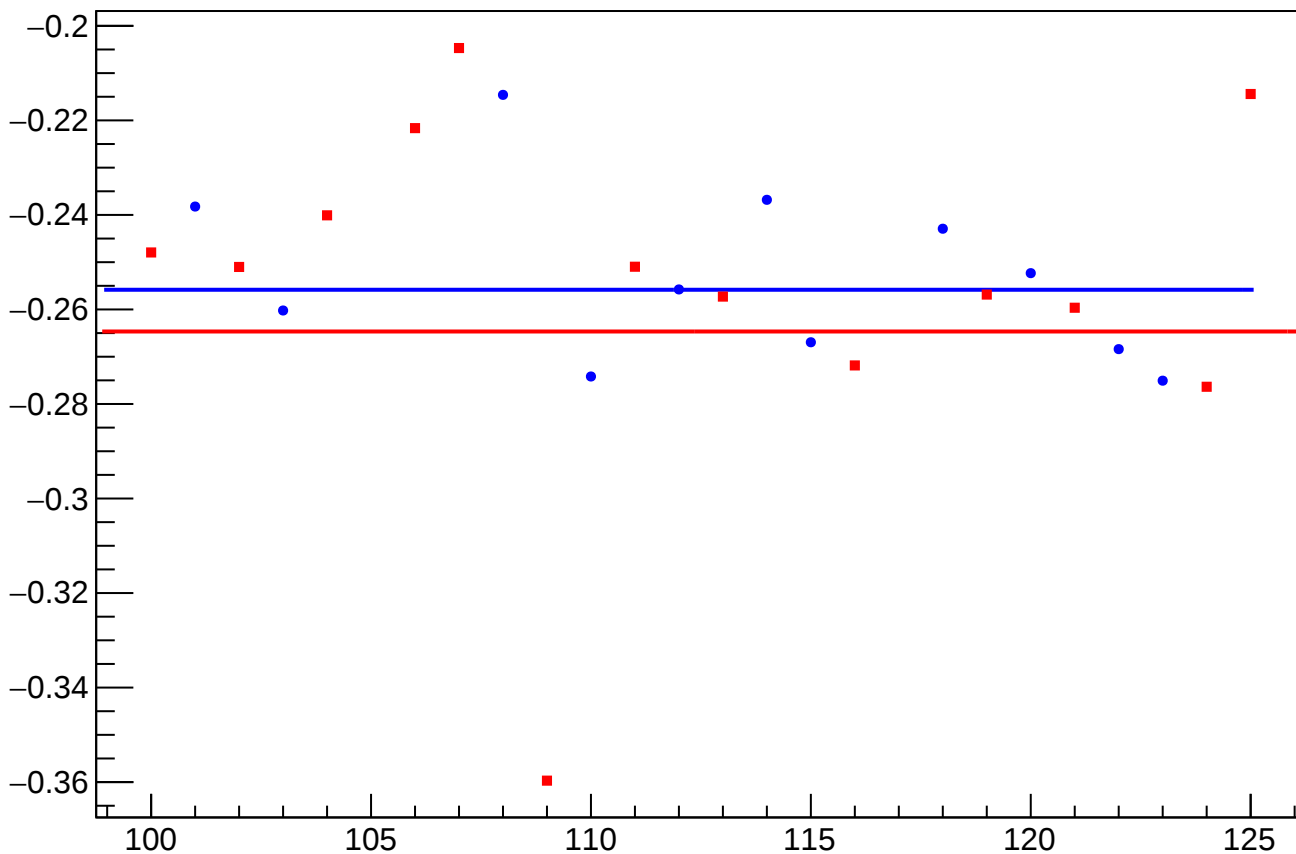
Right: 0.017+/-0.000 χ^2/NDF : 1623503.5/23

In: 0.017+/-0.000 χ^2/NDF : 758035.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.000 χ^2/NDF : 1623503.5/23

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.256+/-0.000 χ^2/NDF : 1351574.1/10

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

Right Out: -0.265+/-0.000 χ^2/NDF : 11888064.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

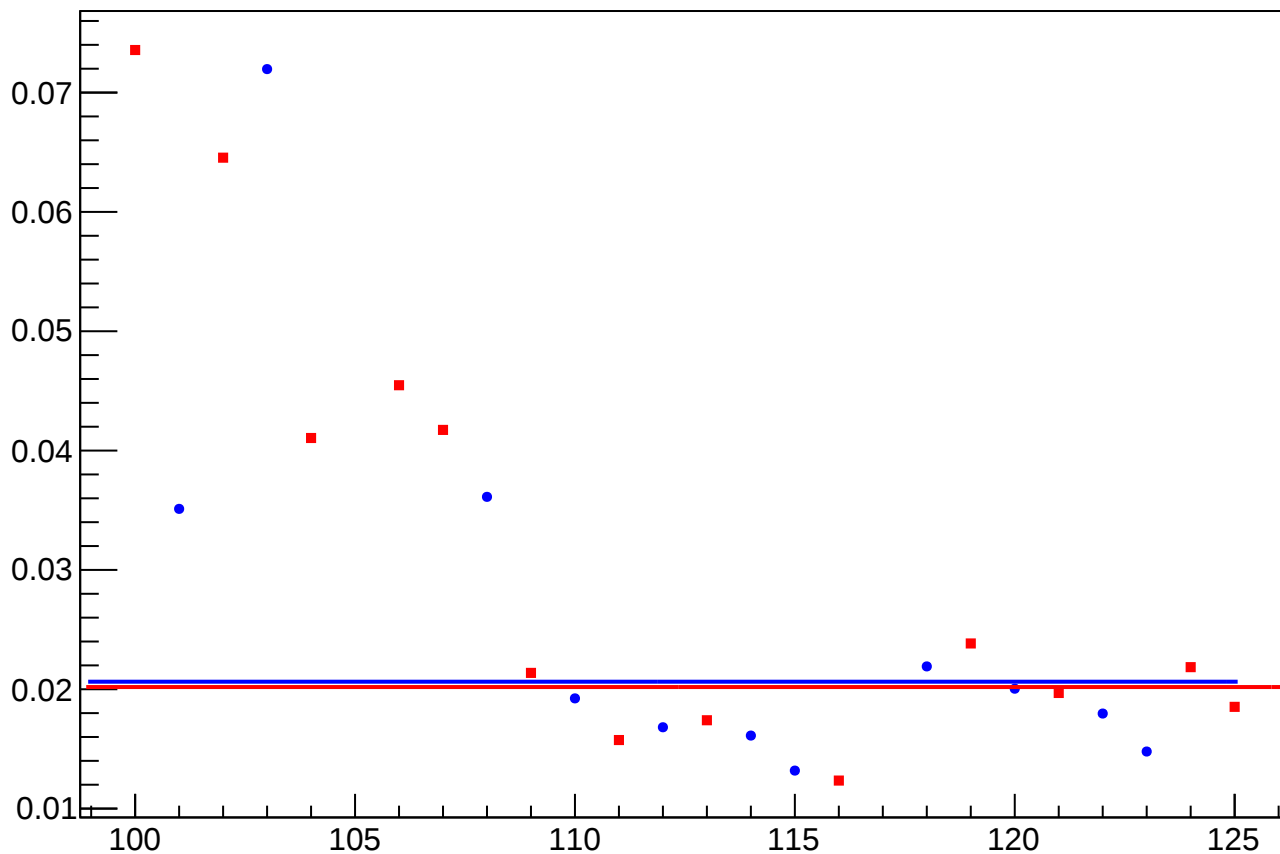
Right: -0.261+/-0.000 χ^2/NDF : 13522474.9/23

In: -0.256+/-0.000 χ^2/NDF : 1351574.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.261+/-0.000 χ^2/NDF : 13522474.9/23

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.021+/-0.000 χ^2/NDF : 997017.1/10

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

Right Out: 0.020+/-0.000 χ^2/NDF : 1298806.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

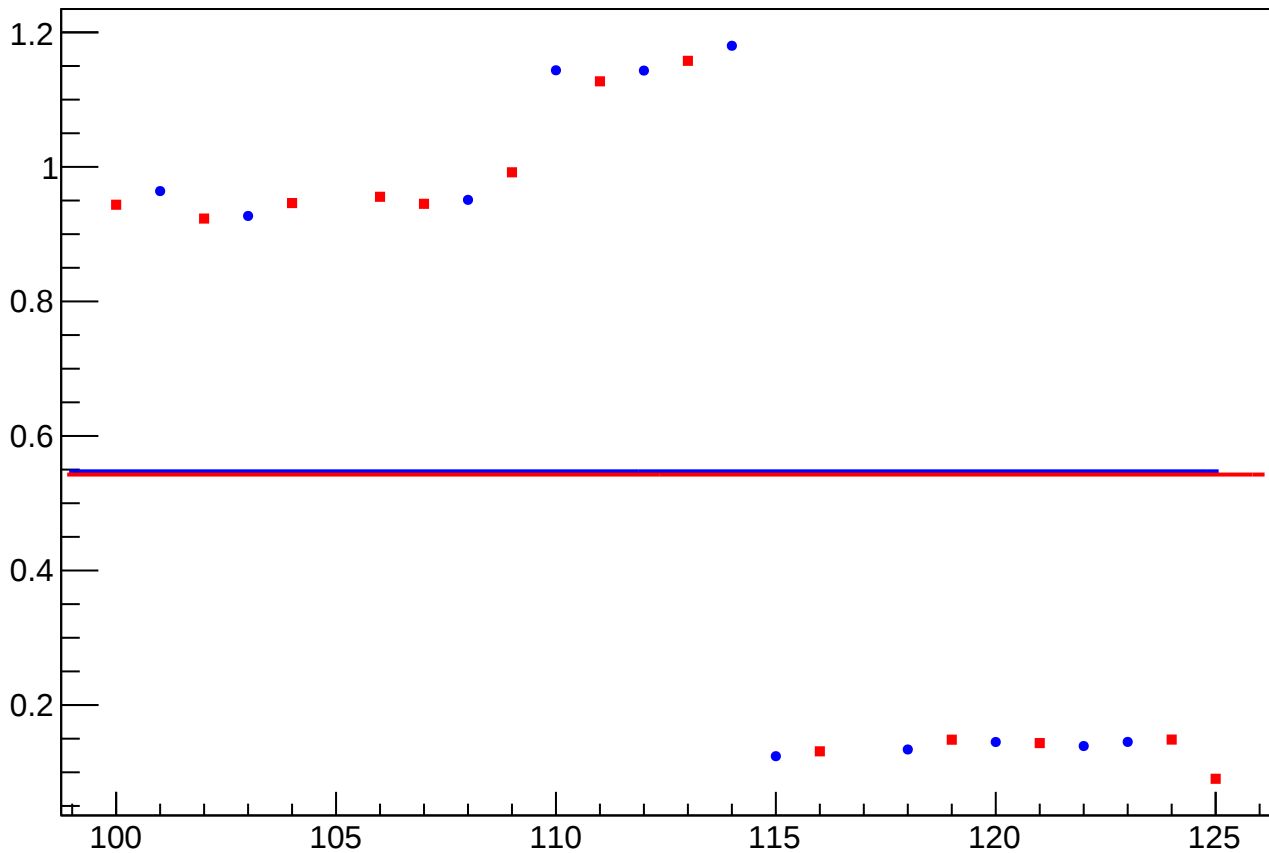
Right: 0.020+/-0.000 χ^2/NDF : 2297278.5/23

In: 0.021+/-0.000 χ^2/NDF :997017.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.020+/-0.000 χ^2/NDF : 2297278.5/23

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.547+/-0.000 χ^2/NDF : 3080404696.3/10

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

Right Out: 0.543+/-0.000 χ^2/NDF : 3530789957.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

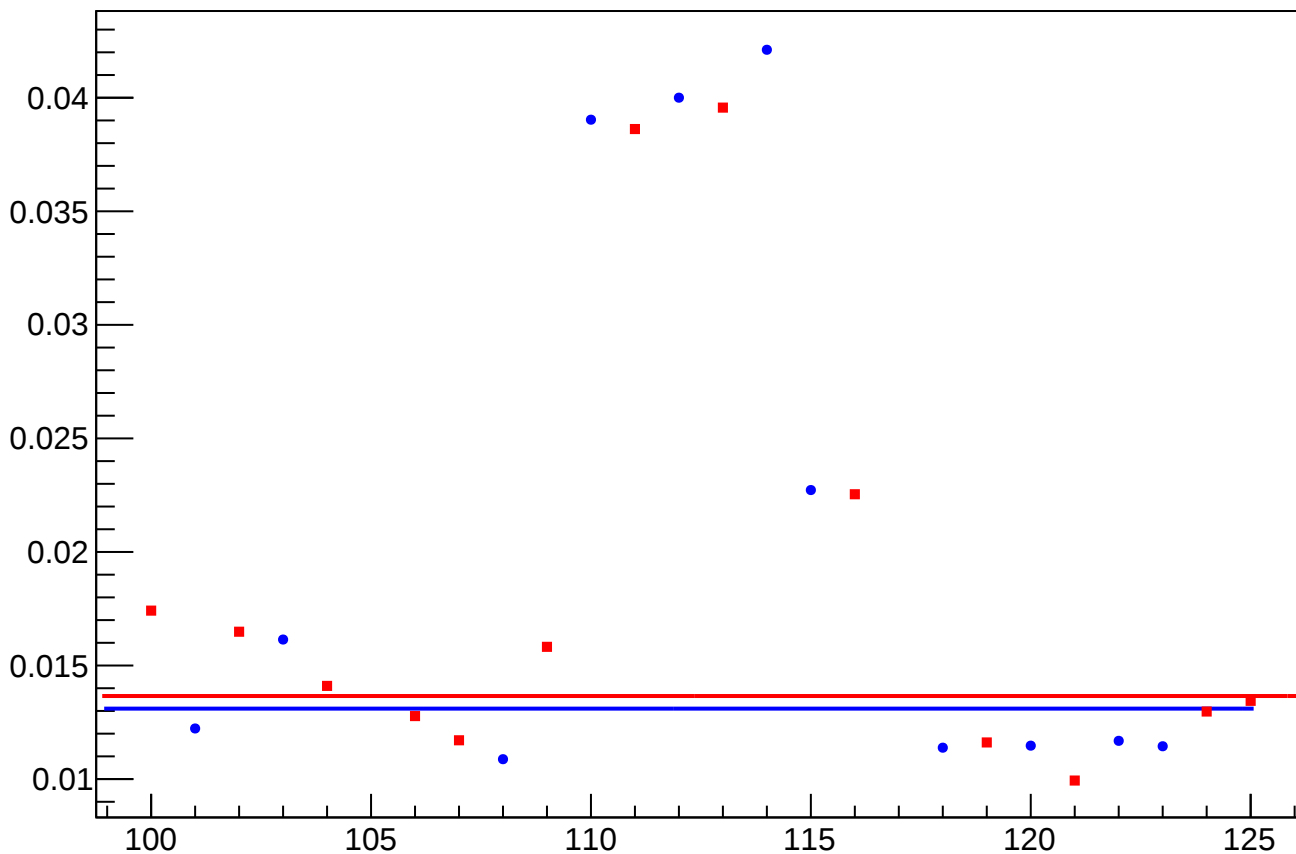
Right: 0.545+/-0.000 χ^2/NDF : 6611416716.3/23

In: 0.547+/-0.000 χ^2/NDF :3080404696.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.545+/-0.000 χ^2/NDF : 6611416716.3/23

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 943254.0/10

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

Right Out: 0.014+/-0.000 χ^2/NDF : 985411.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

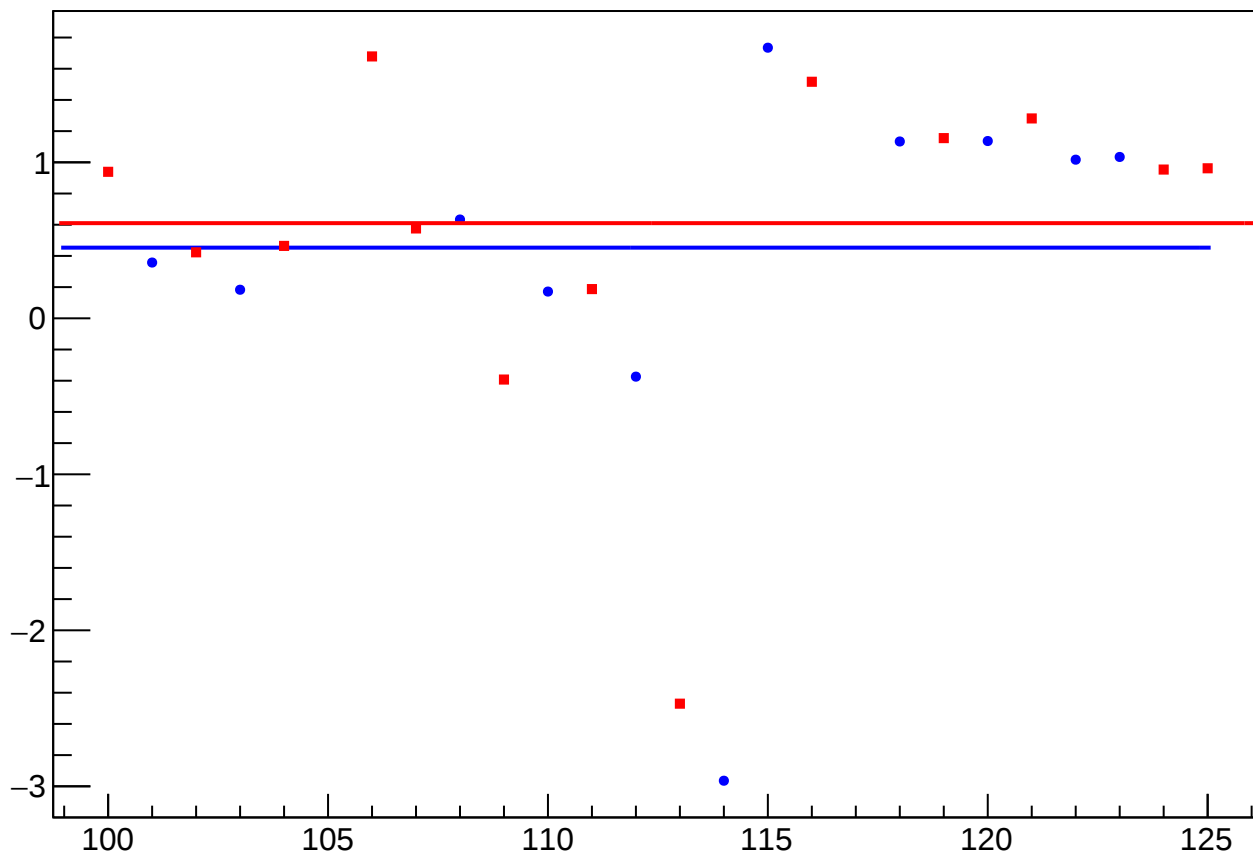
Right: 0.013+/-0.000 χ^2/NDF : 1934595.9/23

In: 0.013+/-0.000 χ^2/NDF : 943254.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 1934595.9/23

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.453+/-0.000 χ^2/NDF : 204428076.1/10

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

Right Out: 0.610+/-0.000 χ^2/NDF : 869083920.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

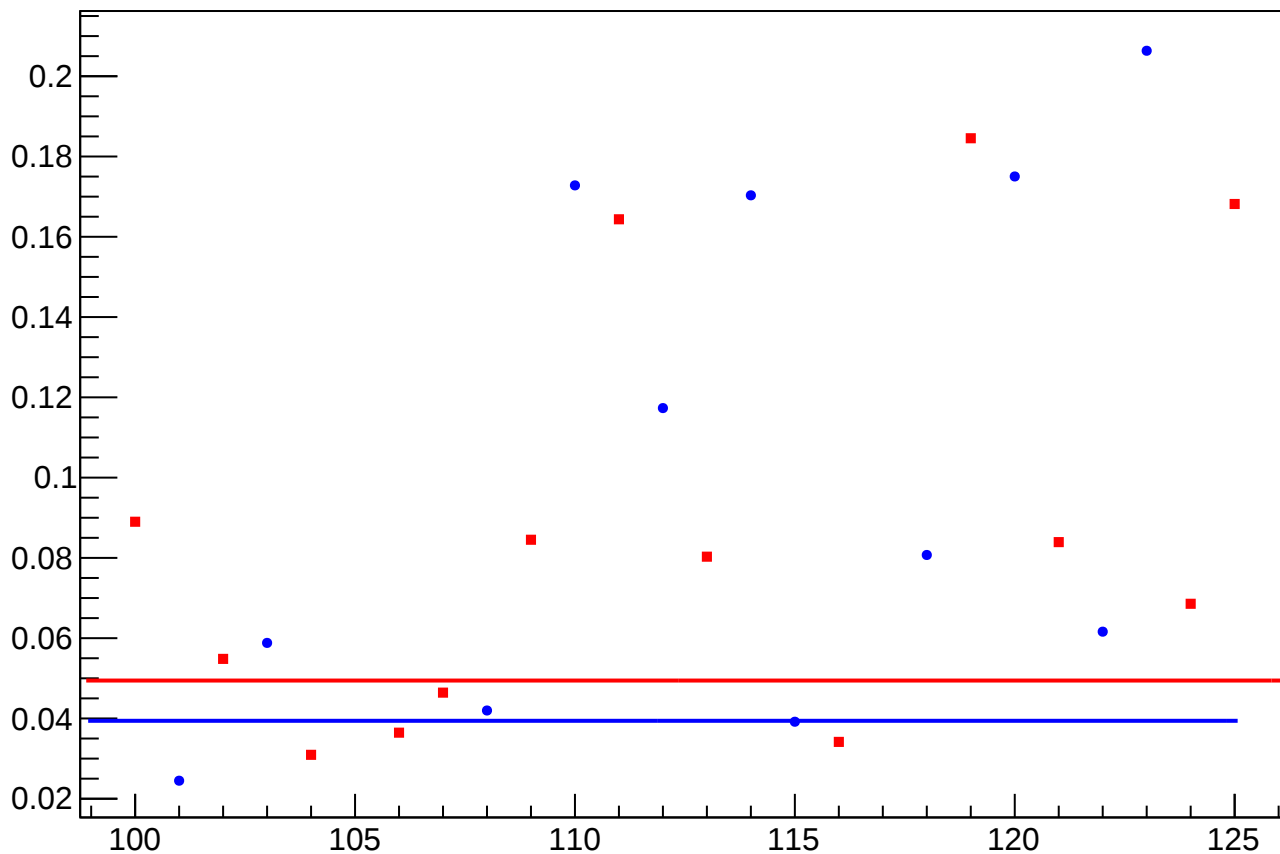
Right: 0.525+/-0.000 χ^2/NDF : 1088723475.6/23

In: 0.453+/-0.000 χ^2/NDF :204428076.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.525+/-0.000 χ^2/NDF : 1088723475.6/23

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.039+/-0.000 χ^2/NDF : 1899264.6/10

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

Right Out: 0.049+/-0.000 χ^2/NDF : 1938641.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

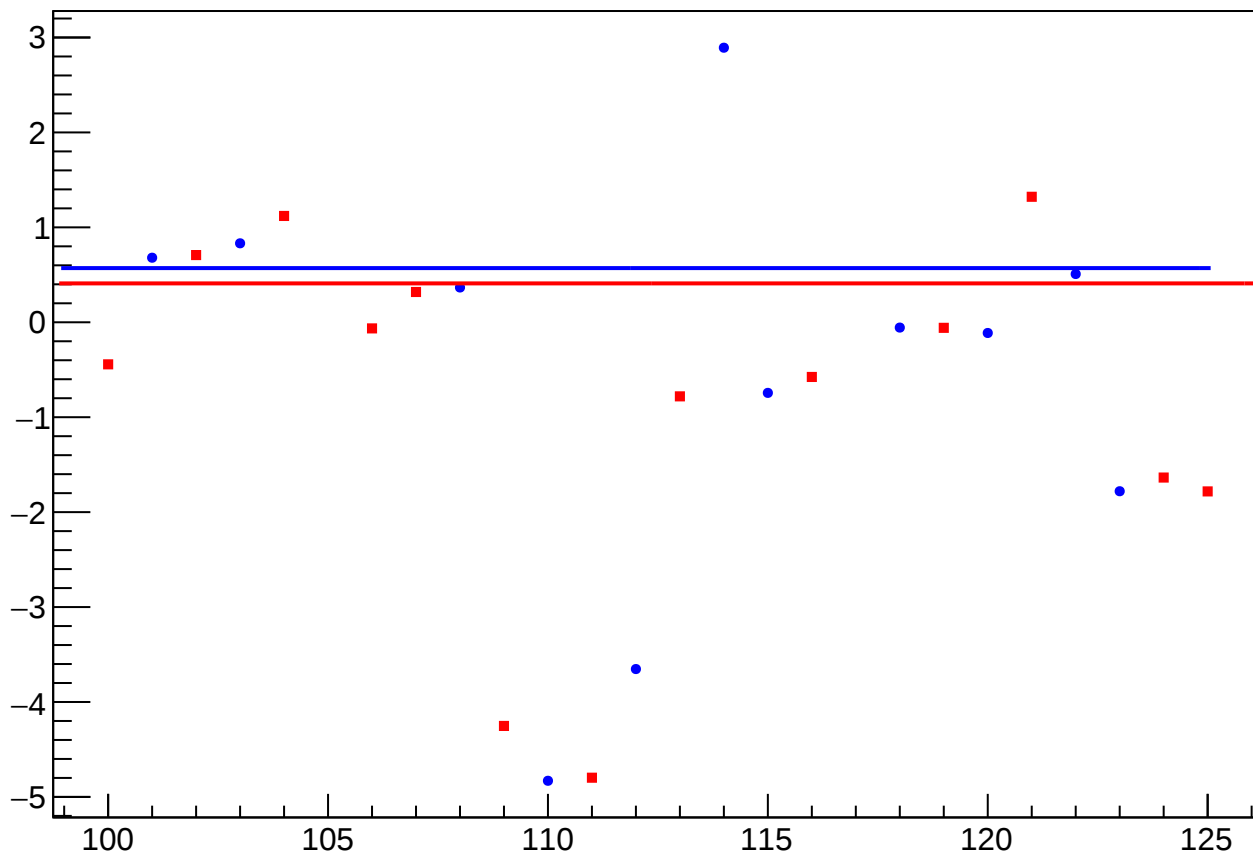
Right: 0.044+/-0.000 χ^2/NDF : 3962076.9/23

In: 0.039+/-0.000 χ^2/NDF : 1899264.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.044+/-0.000 χ^2/NDF : 3962076.9/23

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.571+/-0.000 χ^2/NDF : 1608728152.4/10

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

Right Out: 0.410+/-0.000 χ^2/NDF : 3887022603.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

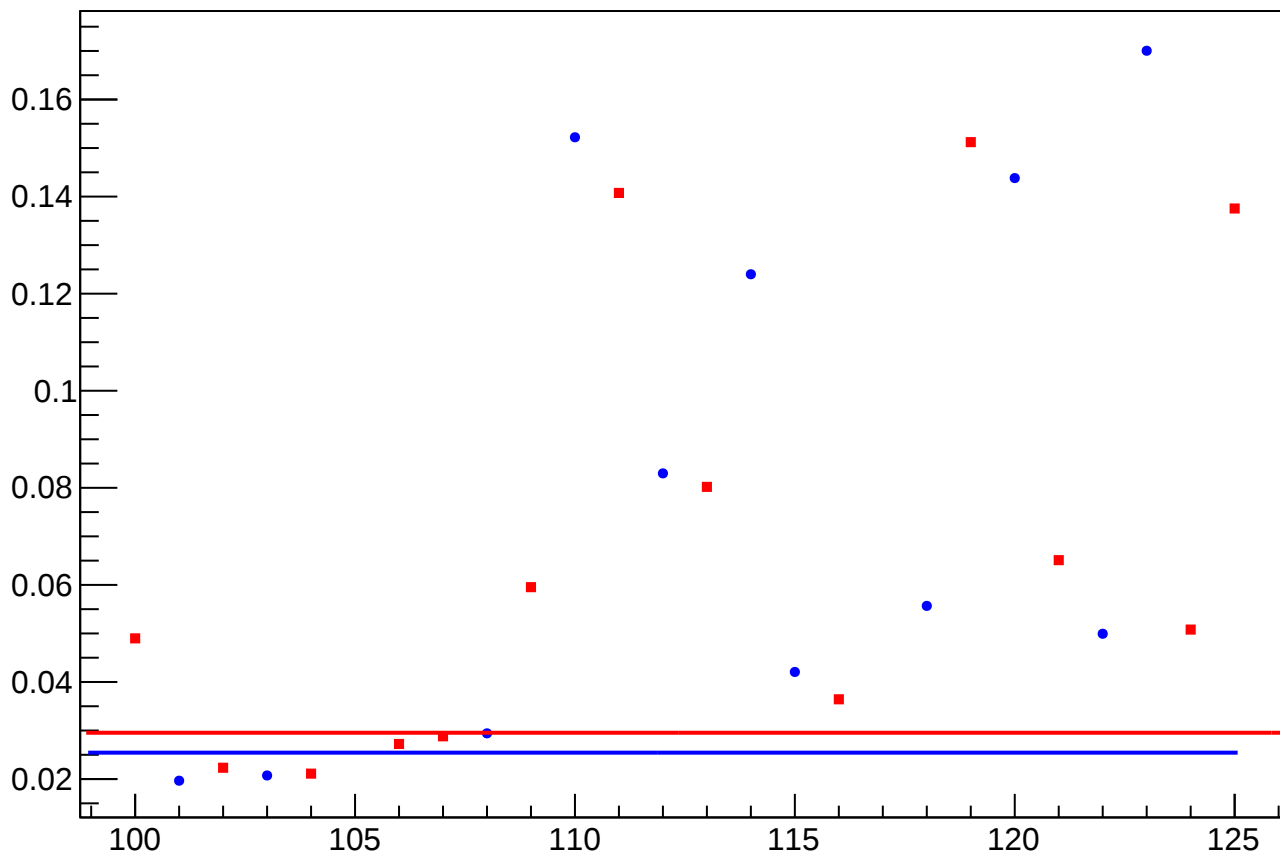
Right: 0.493+/-0.000 χ^2/NDF : 5536600167.7/23

In: 0.571+/-0.000 χ^2/NDF :1608728152.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.493+/-0.000 χ^2/NDF : 5536600167.7/23

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.025+/-0.000 χ^2/NDF : 1757641.4/10

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

Right Out: 0.030+/-0.000 χ^2/NDF : 2423087.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

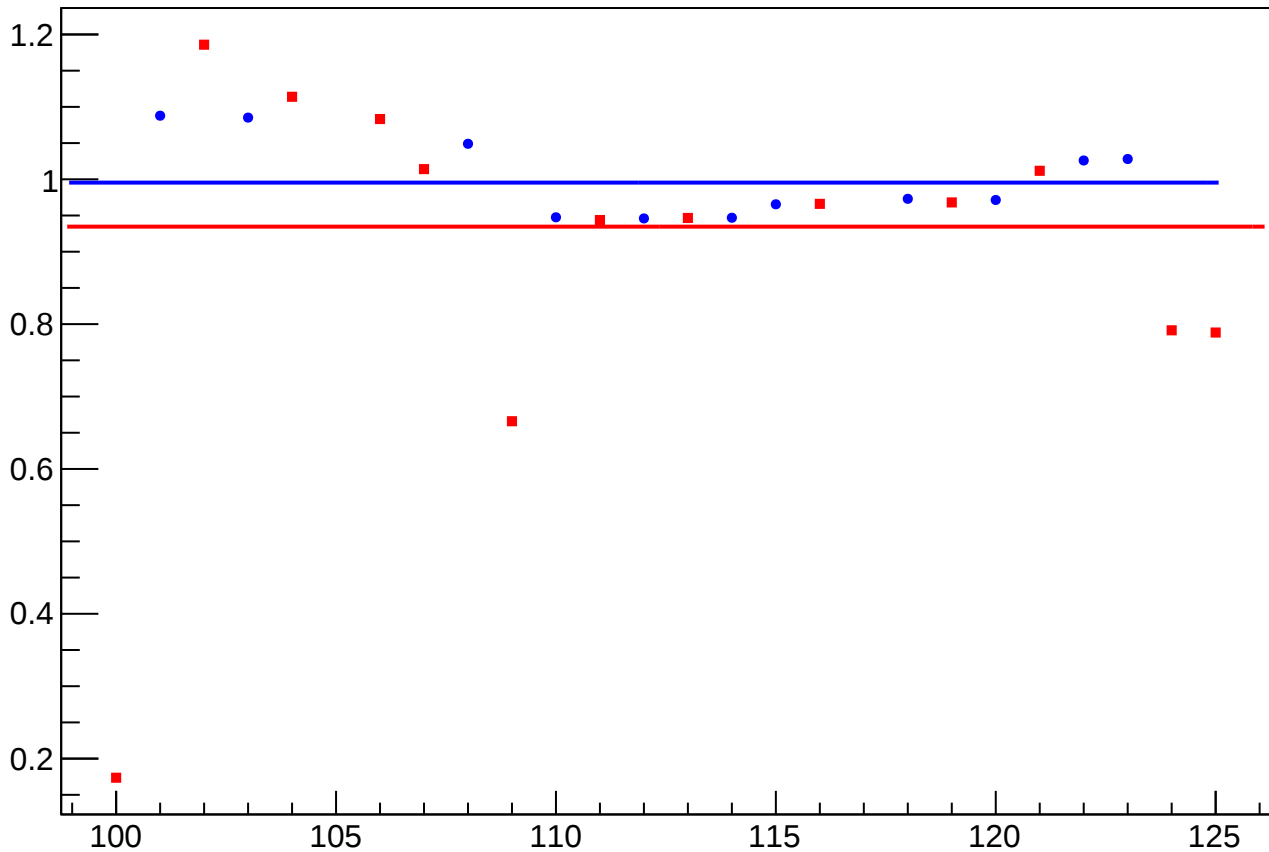
Right: 0.027+/-0.000 χ^2/NDF : 4233673.0/23

In: 0.025+/-0.000 χ^2/NDF : 1757641.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.000 χ^2/NDF : 4233673.0/23

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.995+/-0.000 χ^2/NDF : 43337800.7/10

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

Right Out: 0.935+/-0.000 χ^2/NDF : 320449855.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

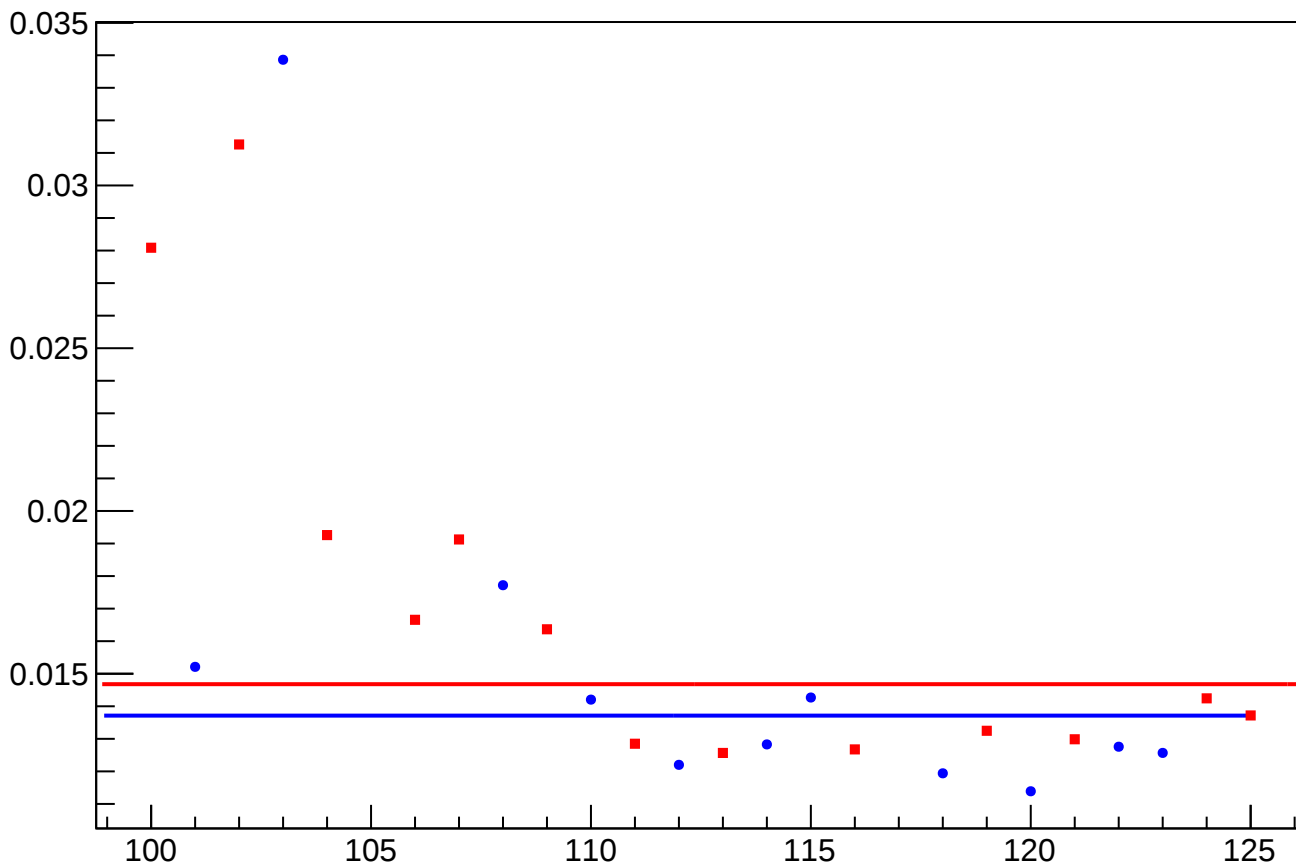
Right: 0.964+/-0.000 χ^2/NDF : 396264370.5/23

In: 0.995+/-0.000 χ^2/NDF :43337800.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.964+/-0.000 χ^2/NDF : 396264370.5/23

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 472024.0/10

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

Right Out: 0.015+/-0.000 χ^2/NDF : 468295.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

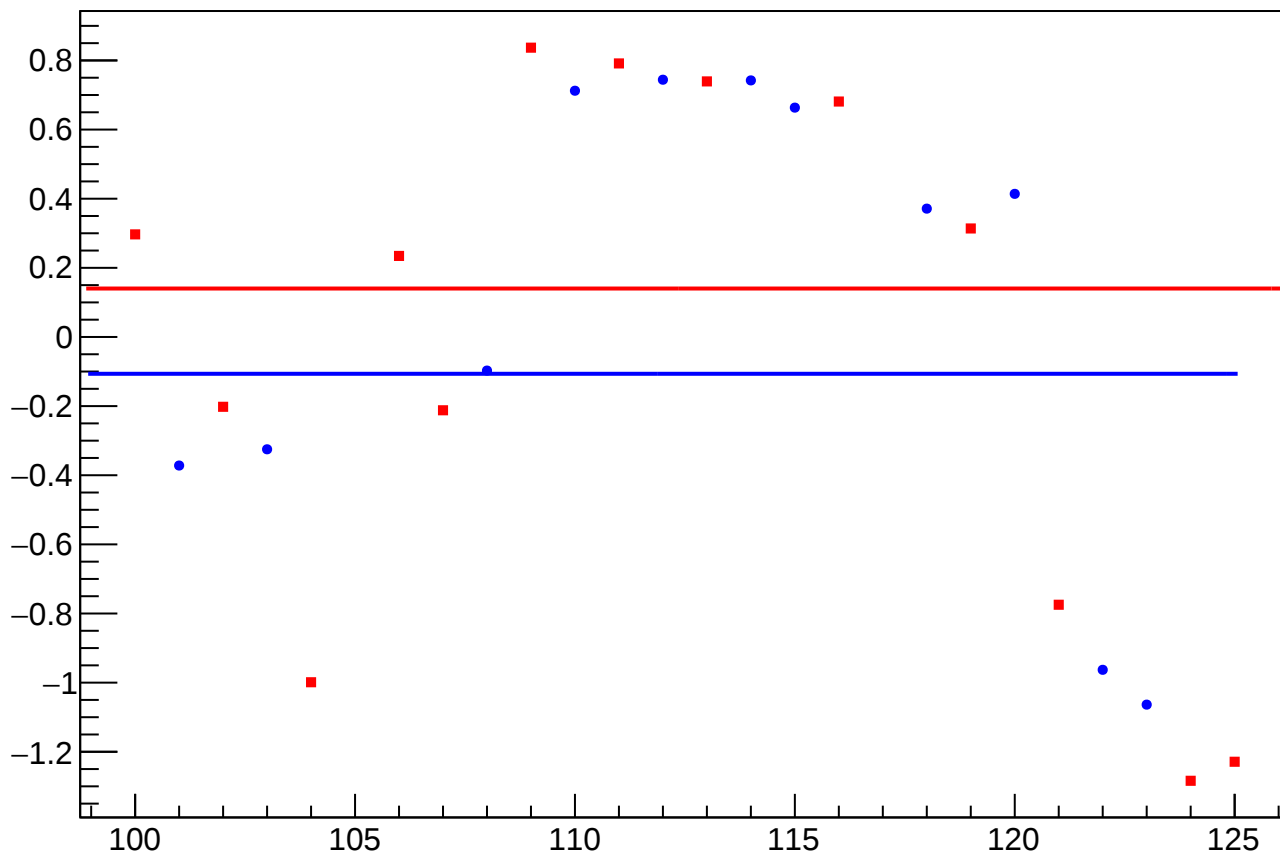
Right: 0.014+/-0.000 χ^2/NDF : 956701.0/23

In: 0.014+/-0.000 χ^2/NDF : 472024.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 956701.0/23

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.107+/-0.000

χ^2/NDF : 3531385385.0/10

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.054+/-0.000 χ^2/NDF : 15100827318.6/23

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: -0.107+/-0.000 χ^2/NDF : 3531385385.0/10

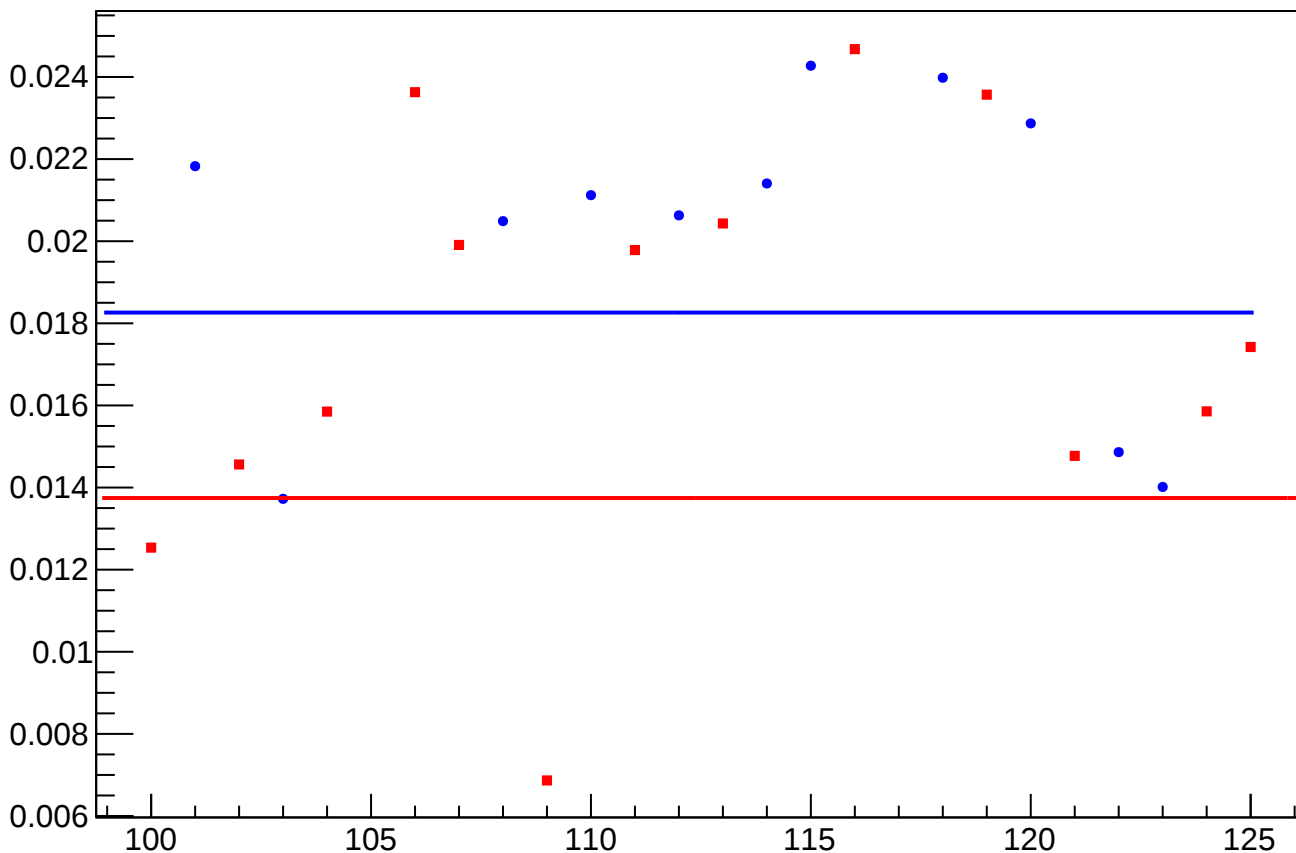
Right Out: 0.140+/-0.000 χ^2/NDF : 11170020965.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

All: 0.054+/-0.000 χ^2/NDF : 15100827318.6/23

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 317632.7/10

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

Right Out: 0.014+/-0.000 χ^2/NDF : 1279063.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

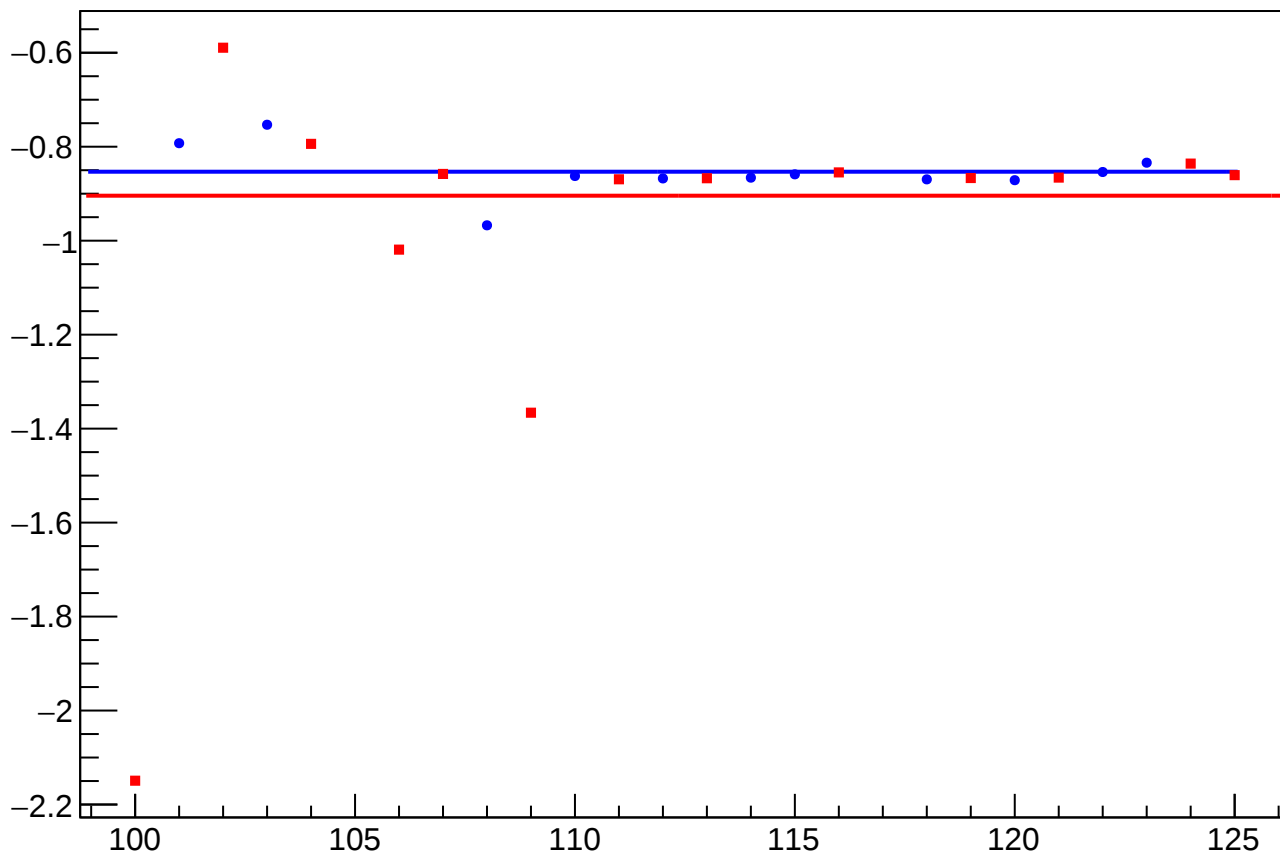
Right: 0.015+/-0.000 χ^2/NDF : 1864621.9/23

In: 0.018+/-0.000 χ^2/NDF :317632.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1864621.9/23

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.853+/-0.000 χ^2/NDF : 6253085.7/10

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

Right Out: -0.904+/-0.000 χ^2/NDF : 110168654.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

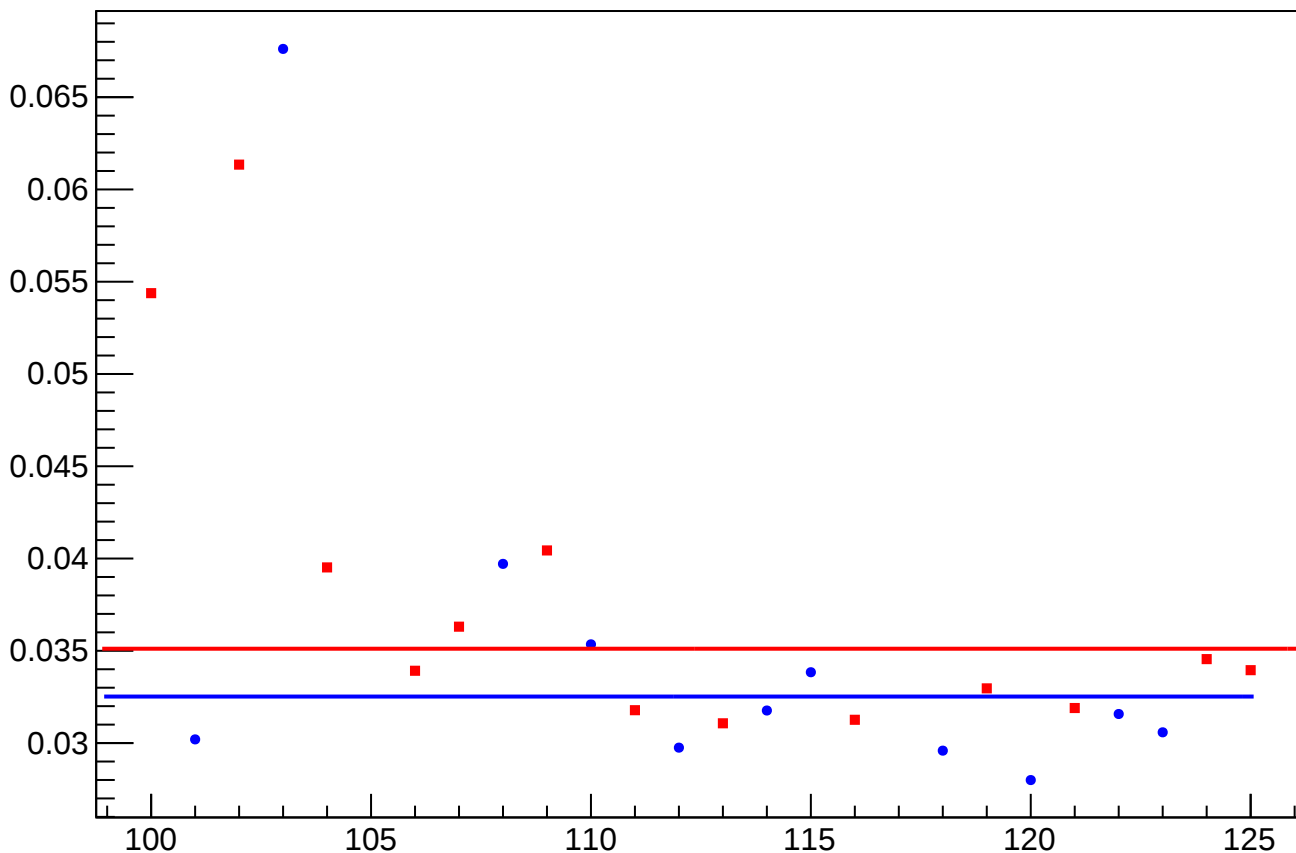
Right: -0.880+/-0.000 χ^2/NDF : 120527240.9/23

In: -0.853+/-0.000 χ^2/NDF :6253085.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.880+/-0.000 χ^2/NDF : 120527240.9/23

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.033+/-0.000 χ^2/NDF : 336789.7/10

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

Right Out: 0.035+/-0.000 χ^2/NDF : 256678.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

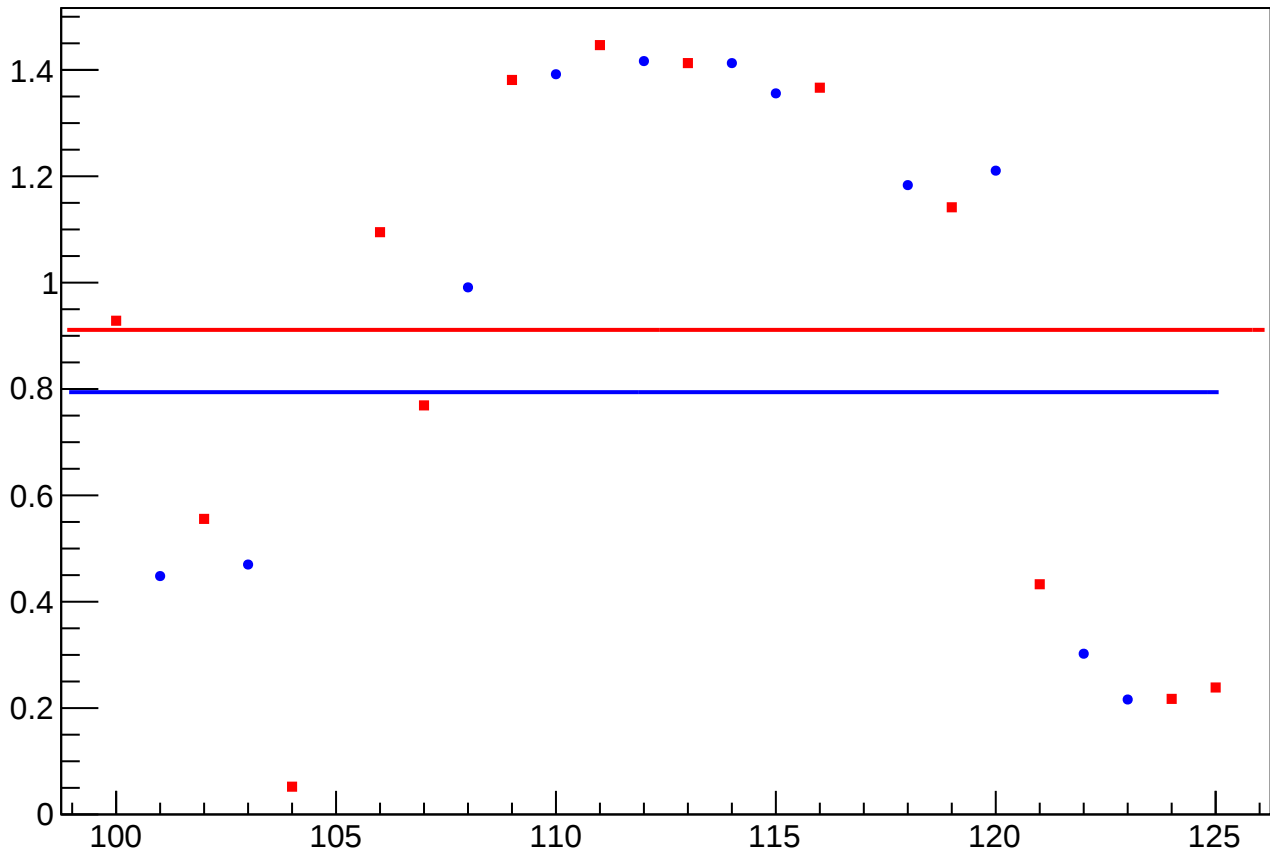
Right: 0.034+/-0.000 χ^2/NDF : 614629.6/23

In: 0.033+/-0.000 χ^2/NDF :336789.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.034+/-0.000 χ^2/NDF : 614629.6/23

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.794+/-0.000 χ^2/NDF : 4312803350.4/10

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

Right Out: 0.911+/-0.000 χ^2/NDF : 8940144538.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

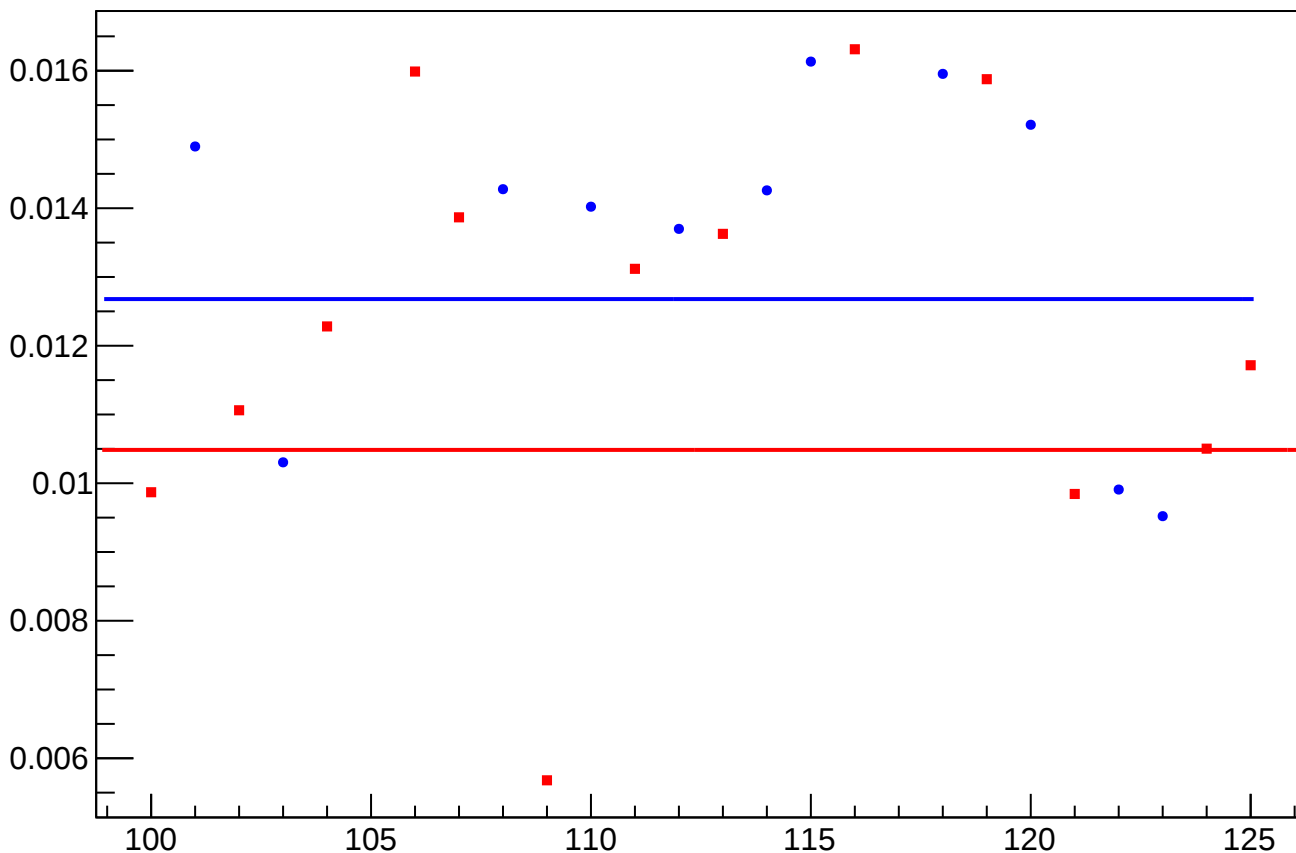
Right: 0.867+/-0.000 χ^2/NDF : 13432428977.9/23

In: 0.794+/-0.000 χ^2/NDF :4312803350.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.867+/-0.000 χ^2/NDF : 13432428977.9/23

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 234459.2/10

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

Right Out: 0.010+/-0.000 χ^2/NDF : 837629.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

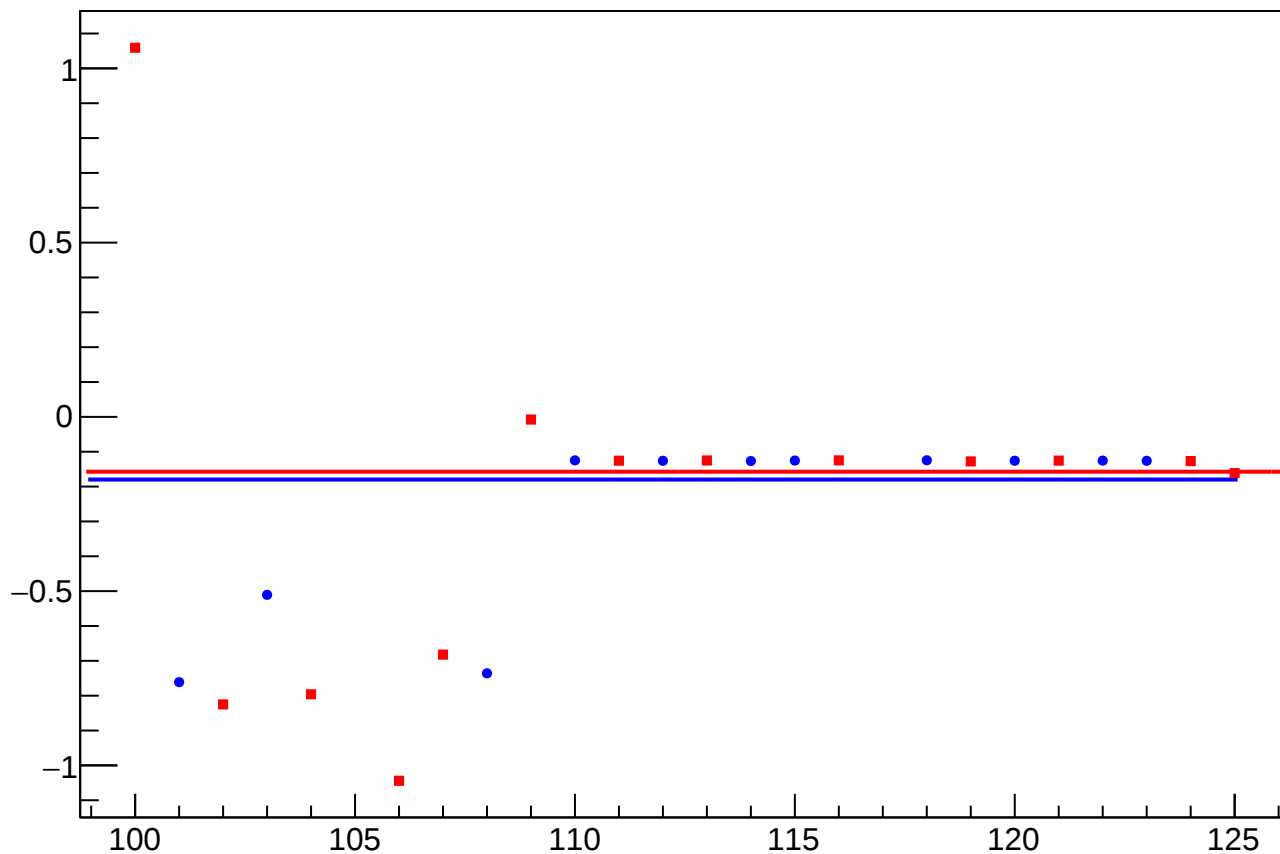
Right: 0.011+/-0.000 χ^2/NDF : 1198034.4/23

In: 0.013+/-0.000 χ^2/NDF :234459.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 1198034.4/23

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.180+/-0.000 χ^2/NDF : 352365065.8/10

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

Right Out: -0.157+/-0.000 χ^2/NDF : 419888498.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

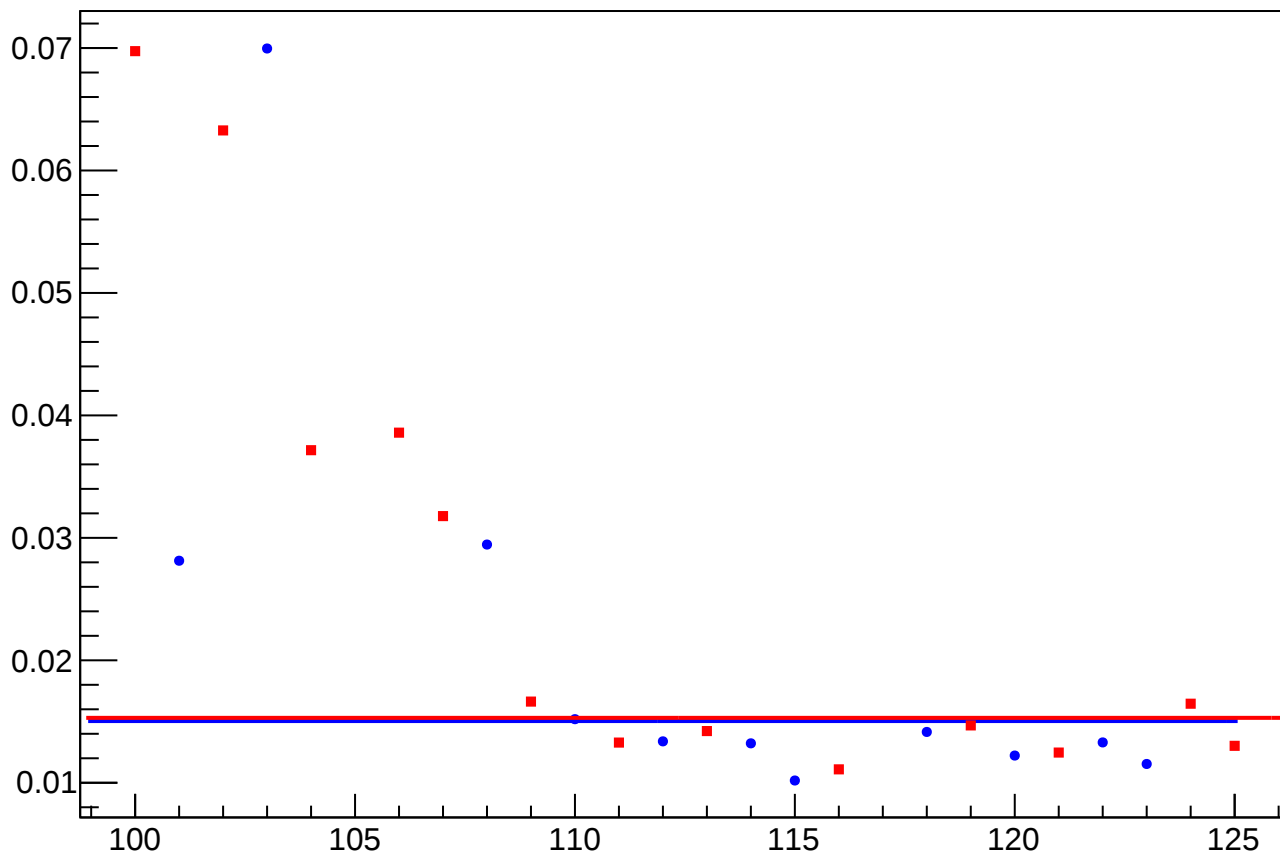
Right: -0.168+/-0.000 χ^2/NDF : 775447825.2/23

In: -0.180+/-0.000 χ^2/NDF :352365065.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.168+/-0.000 χ^2/NDF : 775447825.2/23

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 1121305.6/10

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

Right Out: 0.015+/-0.000 χ^2/NDF : 1332767.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

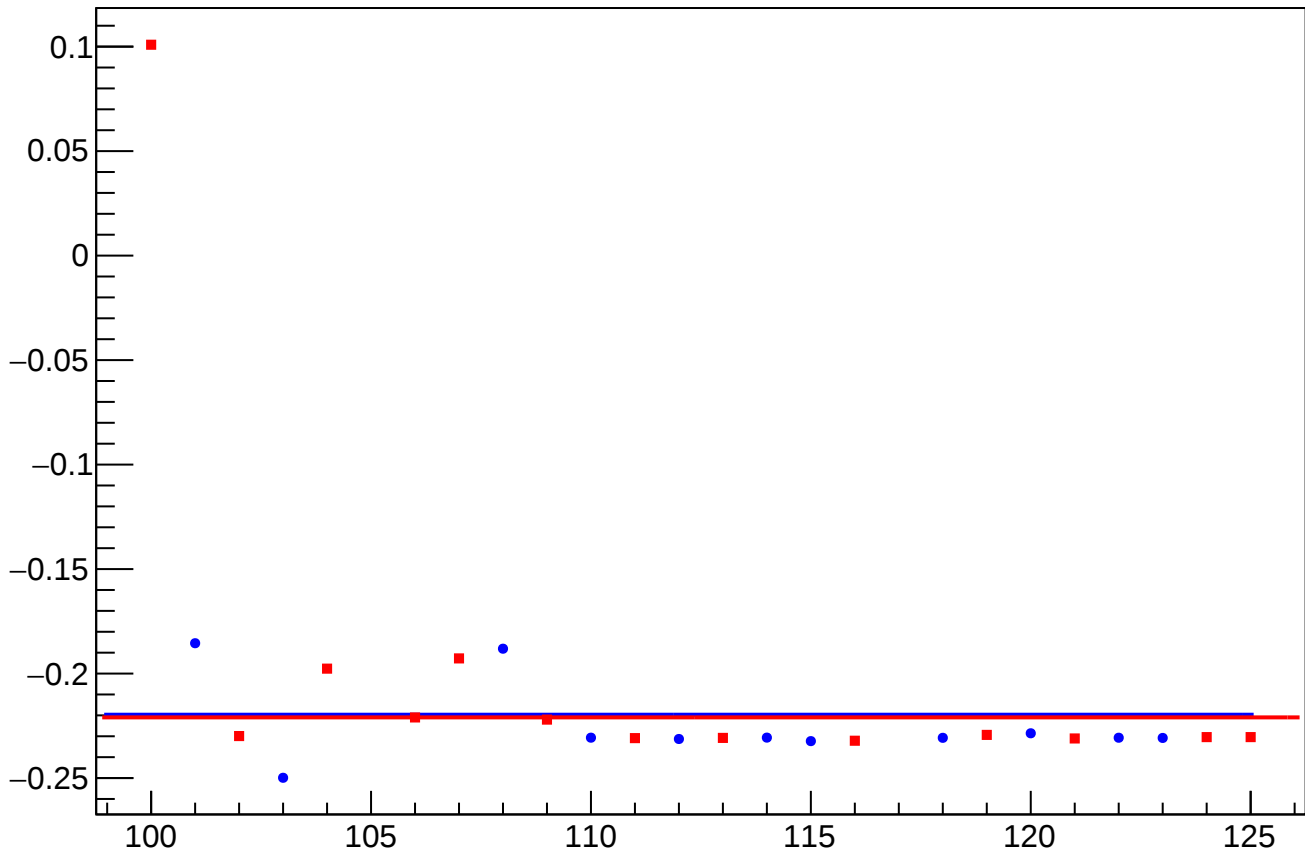
Right: 0.015+/-0.000 χ^2/NDF : 2454940.0/23

In: 0.015+/-0.000 χ^2/NDF : 1121305.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 2454940.0/23

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.220+/-0.000 χ^2/NDF : 68099407.8/10

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

Right Out: -0.221+/-0.000 χ^2/NDF : 164160458.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

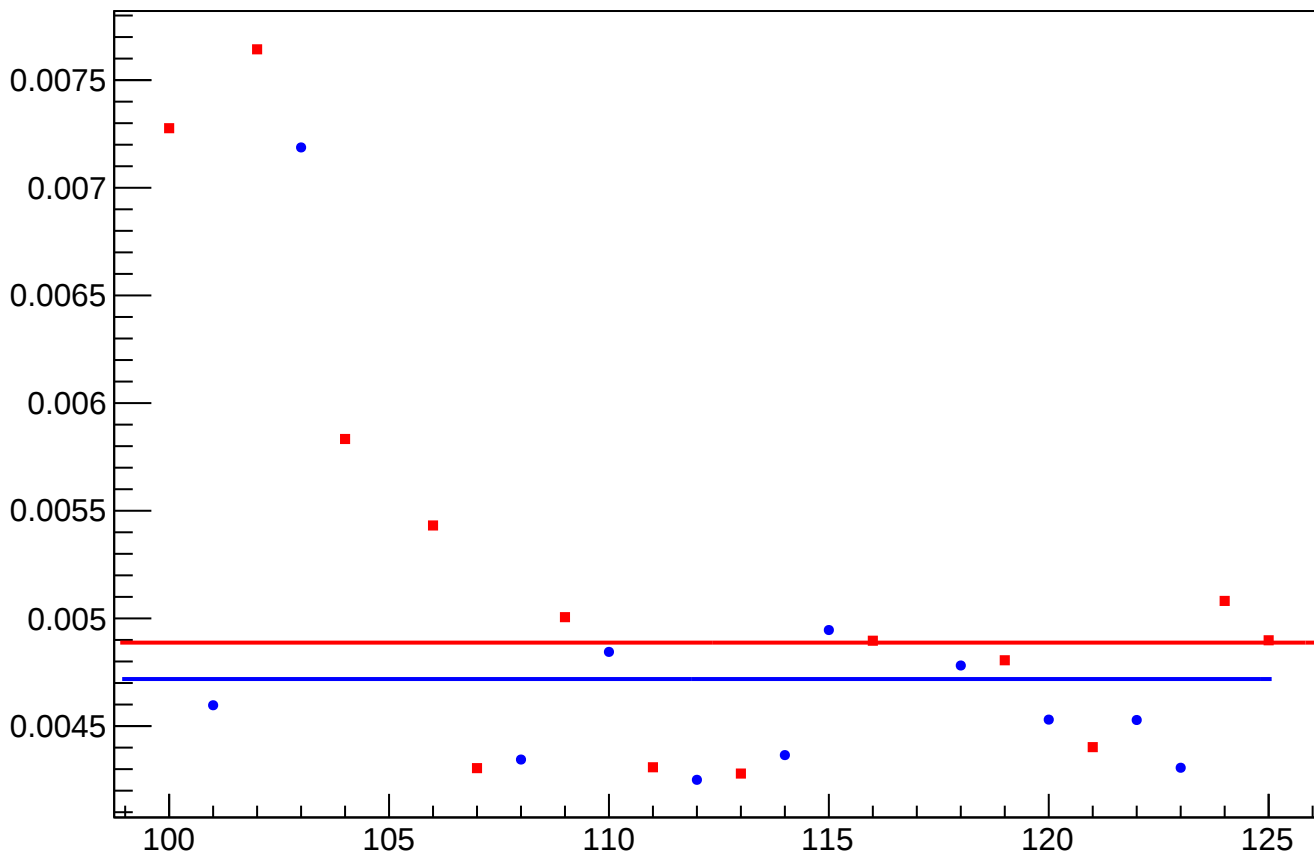
Right: -0.220+/-0.000 χ^2/NDF : 232393643.1/23

In: -0.220+/-0.000 χ^2/NDF :68099407.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.220+/-0.000 χ^2/NDF : 232393643.1/23

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 145941.7/10

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

Right Out: 0.005+/-0.000 χ^2/NDF : 226337.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

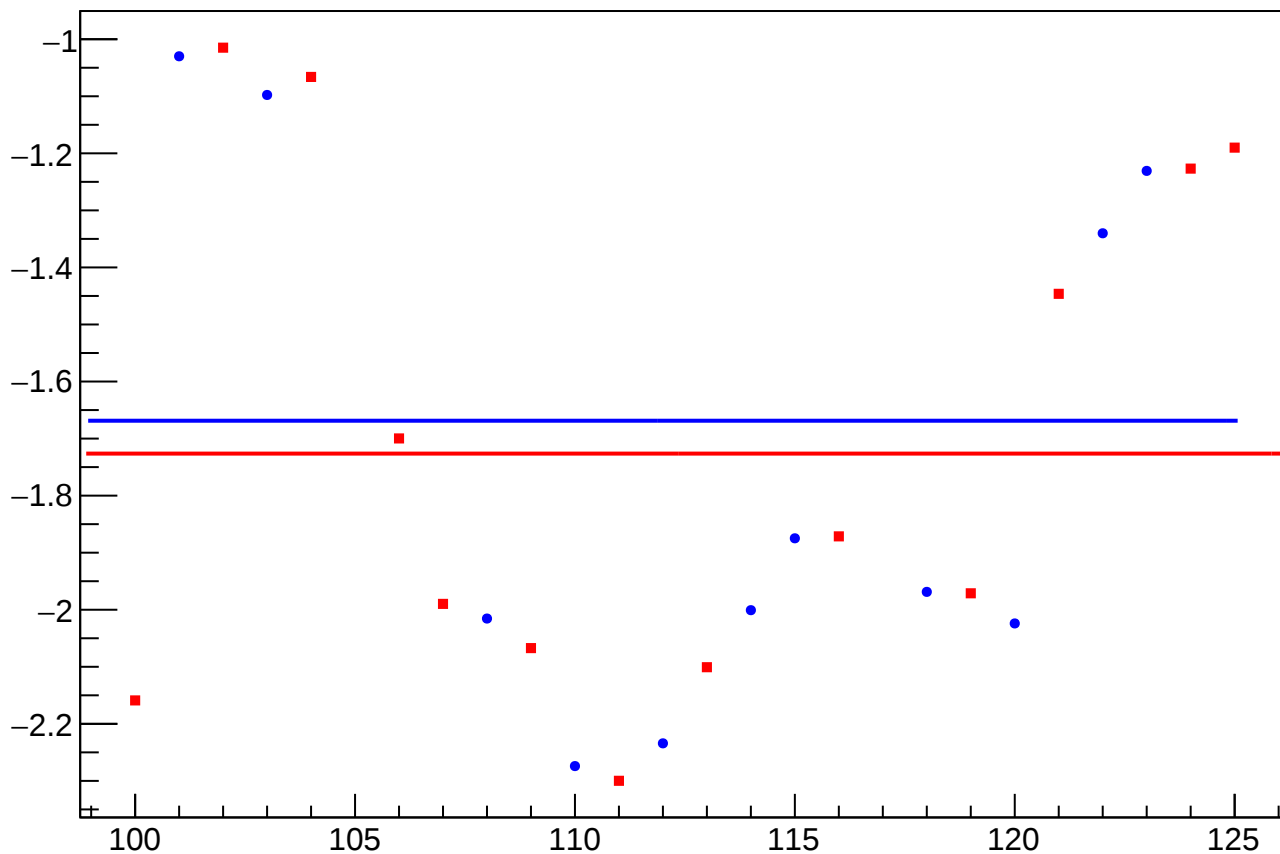
Right: 0.005+/-0.000 χ^2/NDF : 376972.9/23

In: 0.005+/-0.000 χ^2/NDF :145941.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 376972.9/23

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.669+/-0.000 χ^2/NDF : 17097015103.2/10

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

Right Out: -1.726+/-0.000 χ^2/NDF : 22090100133.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

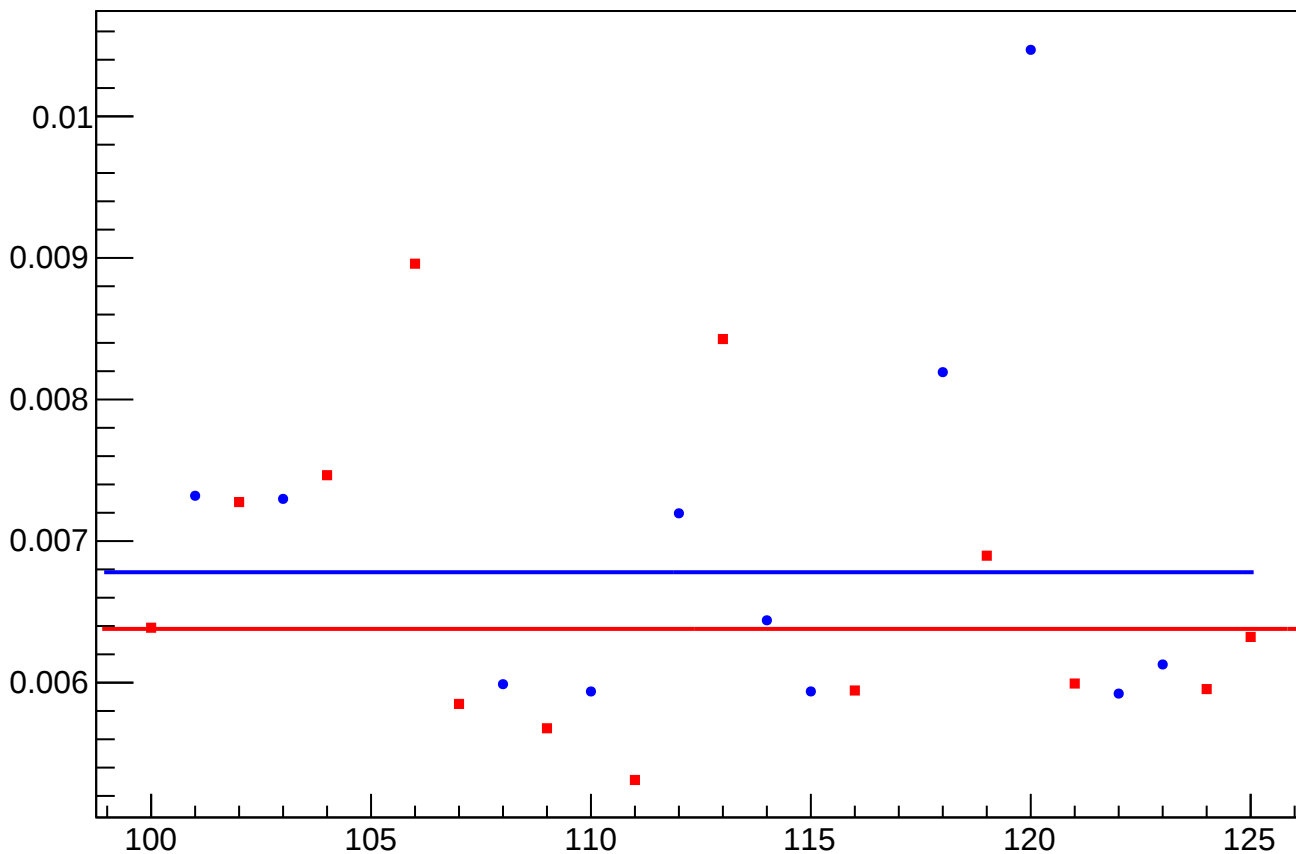
Right: -1.703+/-0.000 χ^2/NDF : 39330960030.7/23

In: -1.669+/-0.000 χ^2/NDF : 17097015103.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.703+/-0.000 χ^2/NDF : 39330960030.7/23

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 140908.5/10

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

Right Out: 0.006+/-0.000 χ^2/NDF : 182716.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

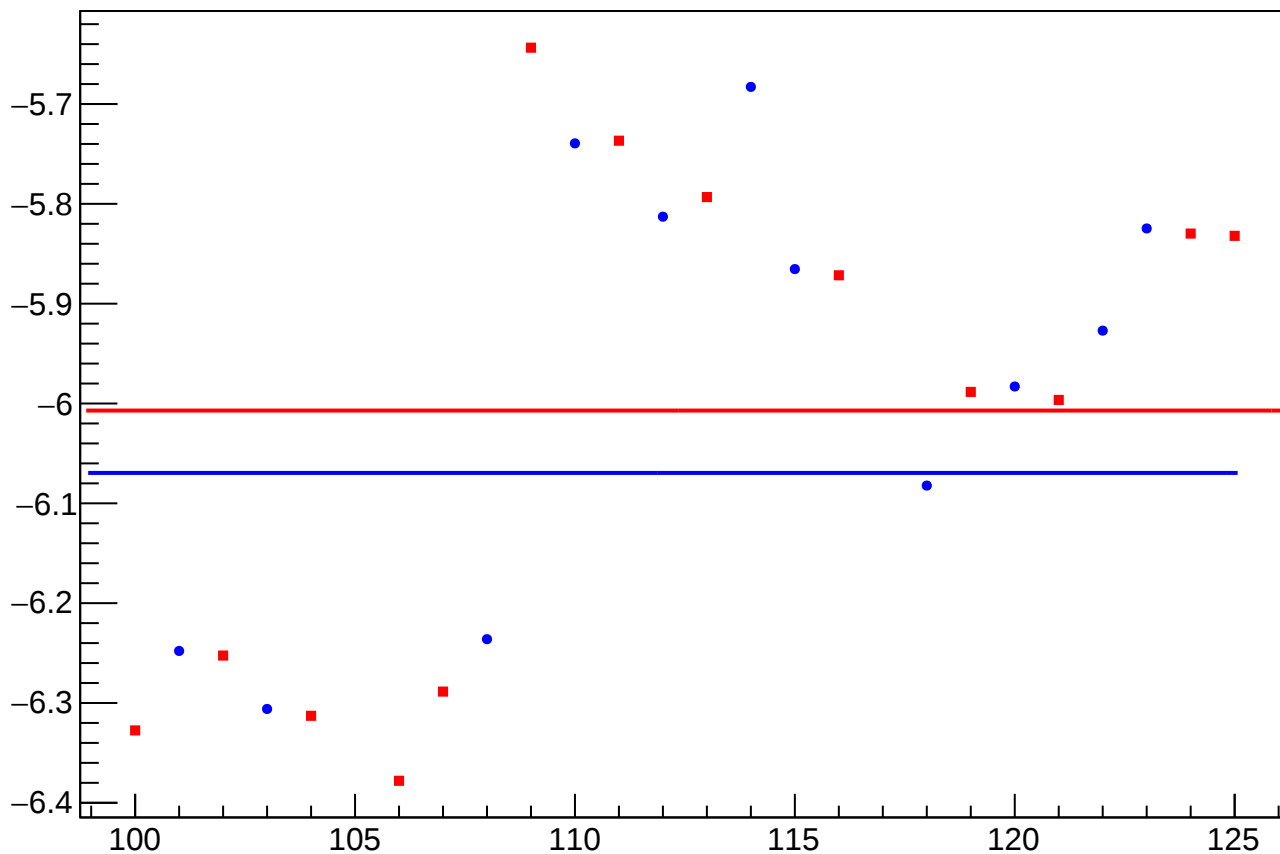
Right: 0.007+/-0.000 χ^2/NDF : 337504.8/23

In: 0.007+/-0.000 χ^2/NDF : 140908.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 337504.8/23

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -6.070+/-0.000 χ^2/NDF : 4826247328.2/10

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

Right Out: -6.007+/-0.000 χ^2/NDF : 8875756290.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

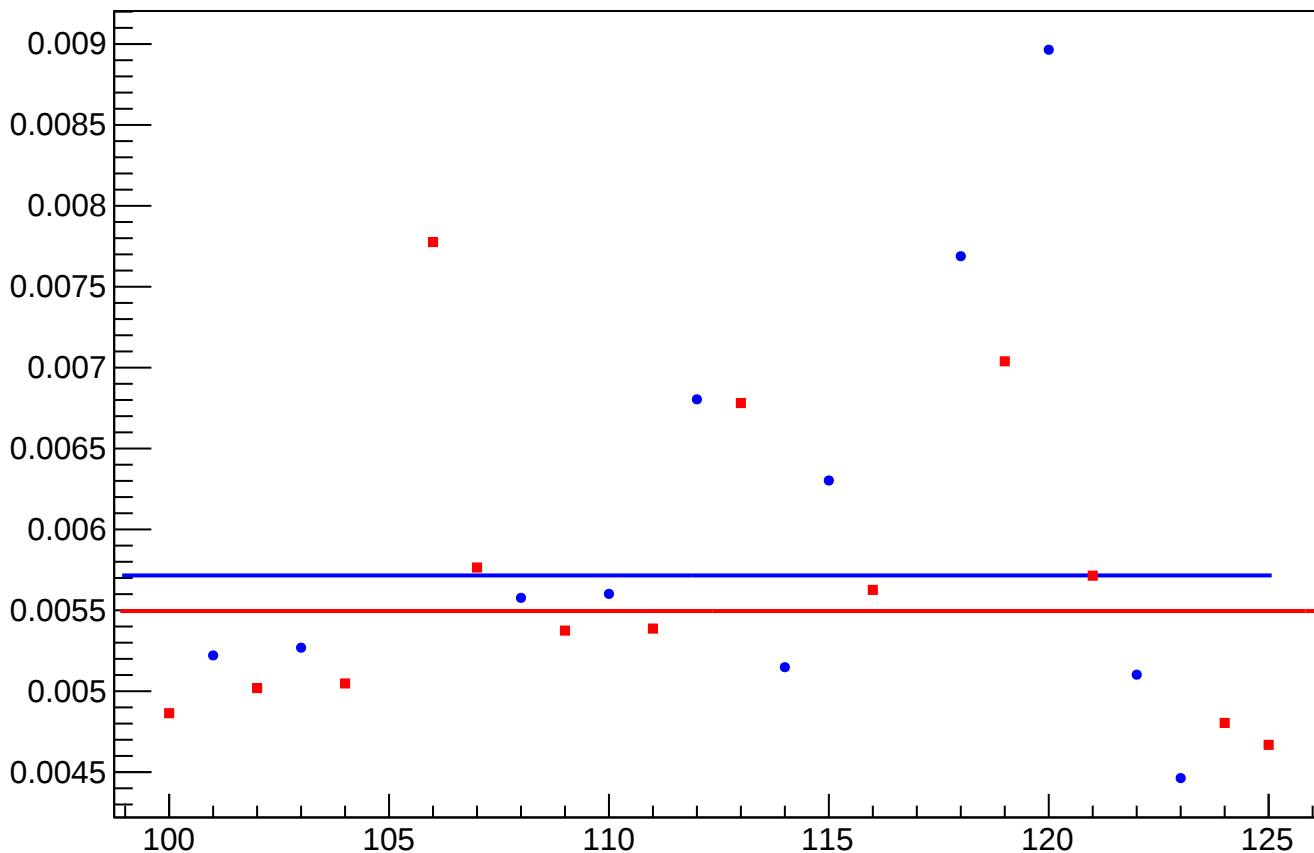
Right: -6.033+/-0.000 χ^2/NDF : 13934417239.4/23

In: -6.070+/-0.000 χ^2/NDF : 4826247328.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.033+/-0.000 χ^2/NDF : 13934417239.4/23

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 176886.1/10

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

Right Out: 0.005+/-0.000 χ^2/NDF : 158578.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

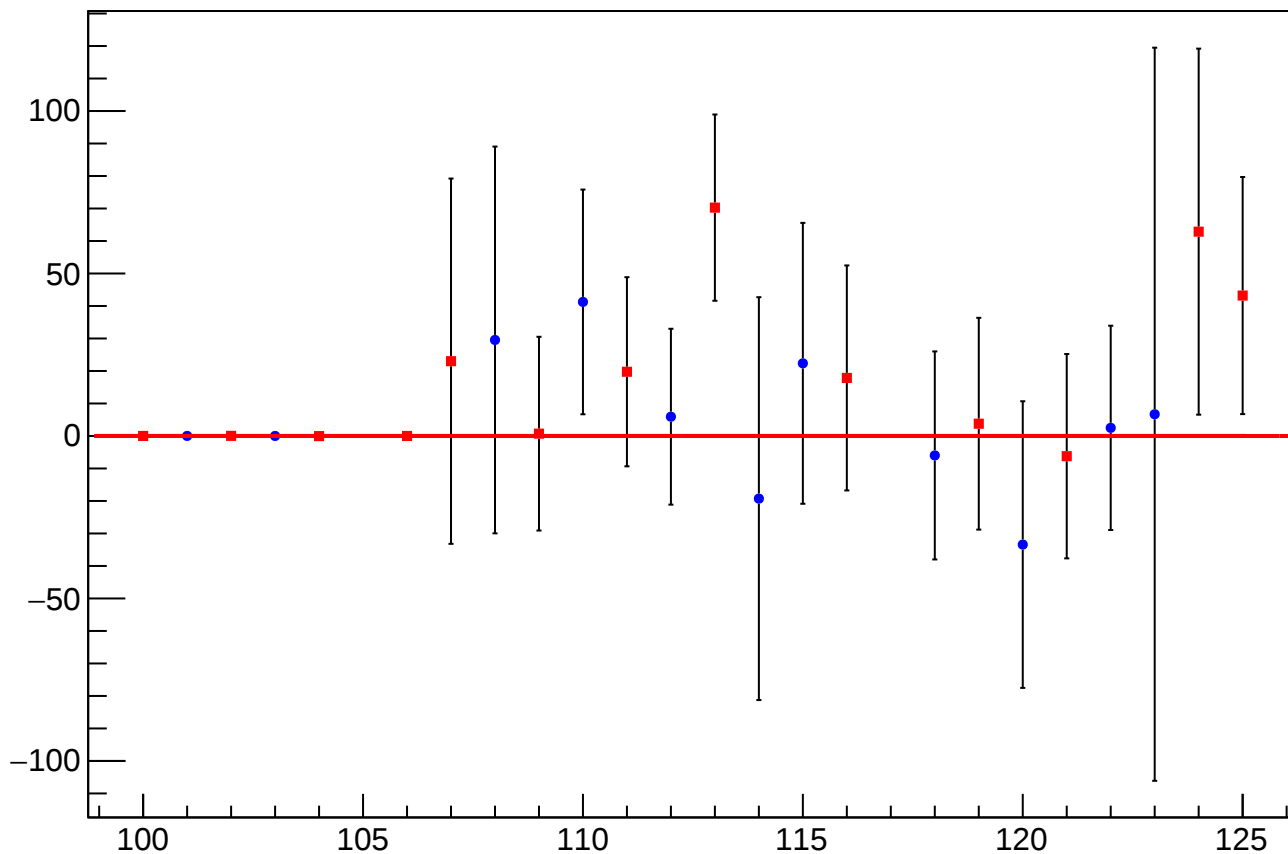
Right: 0.006+/-0.000 χ^2/NDF : 341225.4/23

In: 0.006+/-0.000 χ^2/NDF :176886.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 341225.4/23

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.017 χ^2/NDF : 2.9/10

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

Right Out: -0.003+/-0.016 χ^2/NDF : 14.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

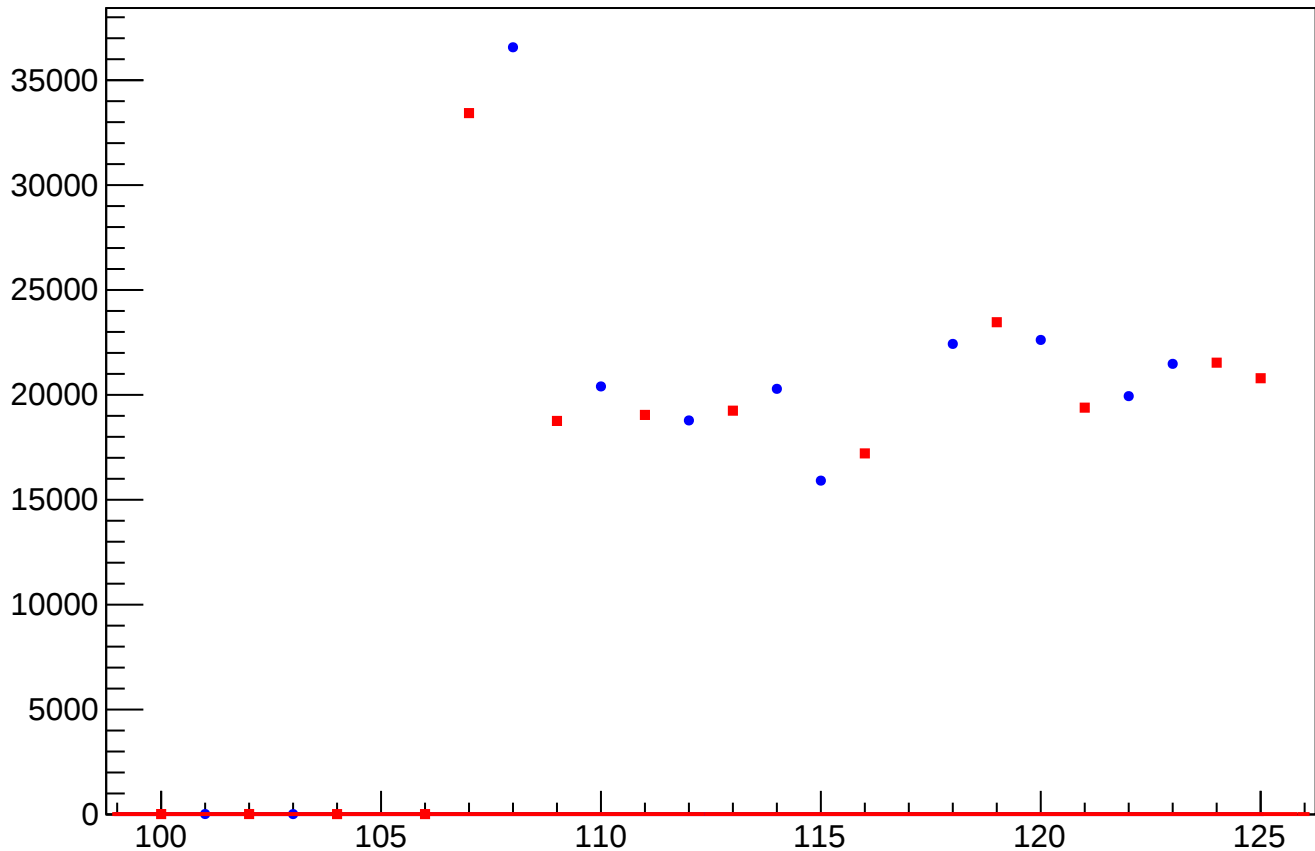
Right: 0.004+/-0.012 χ^2/NDF : 17.8/23

In: 0.013+/-0.017 χ^2/NDF : 2.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.012 χ^2/NDF : 17.8/23

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 18.597+/-0.012 χ^2/NDF : 5288847.7/10

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

Right Out: 18.282+/-0.011 χ^2/NDF : 6493196.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

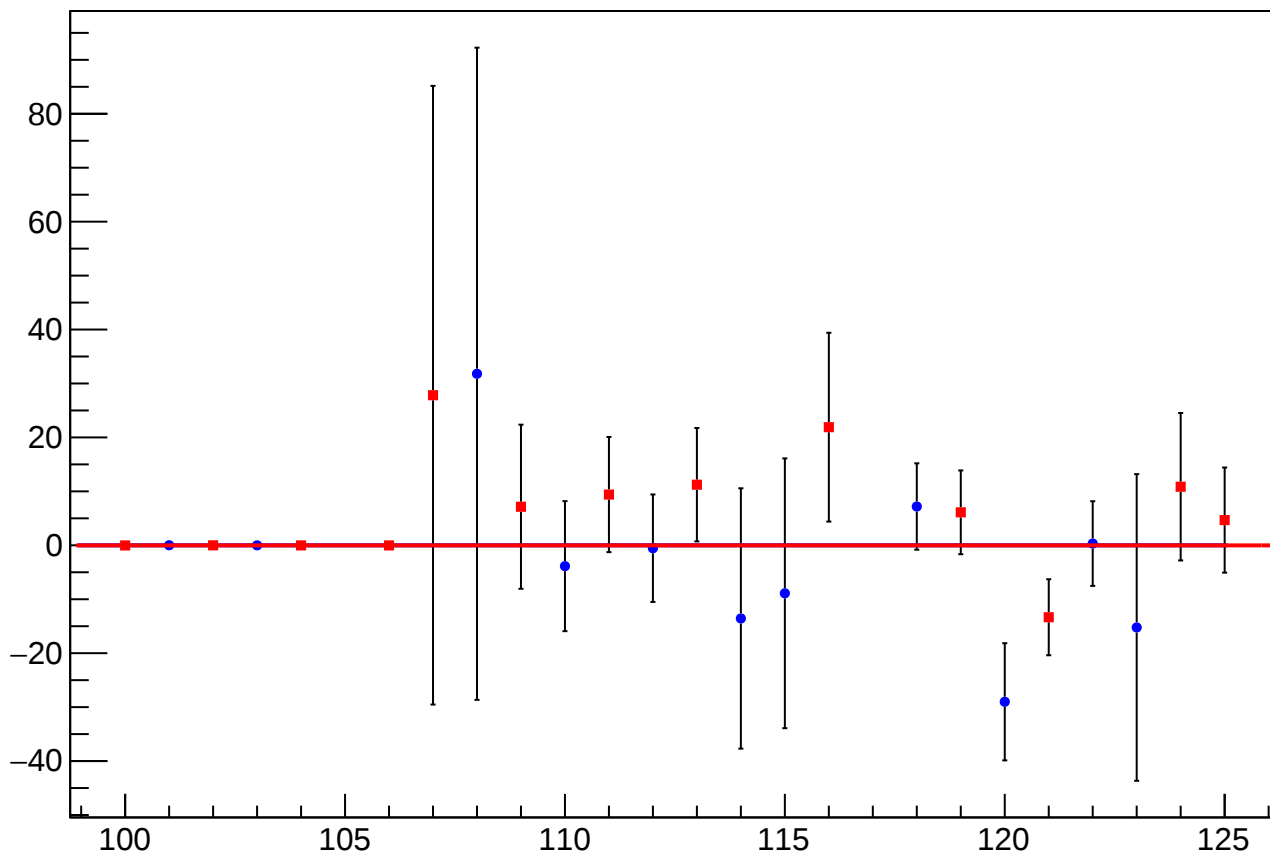
Right: 18.428+/-0.008 χ^2/NDF : 11782398.6/23

In: 18.597+/-0.012 χ^2/NDF : 5288847.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.428+/-0.008 χ^2/NDF : 11782398.6/23

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.009 χ^2/NDF : 10.1/10

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

Right Out: -0.014+/-0.009 χ^2/NDF : 9.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

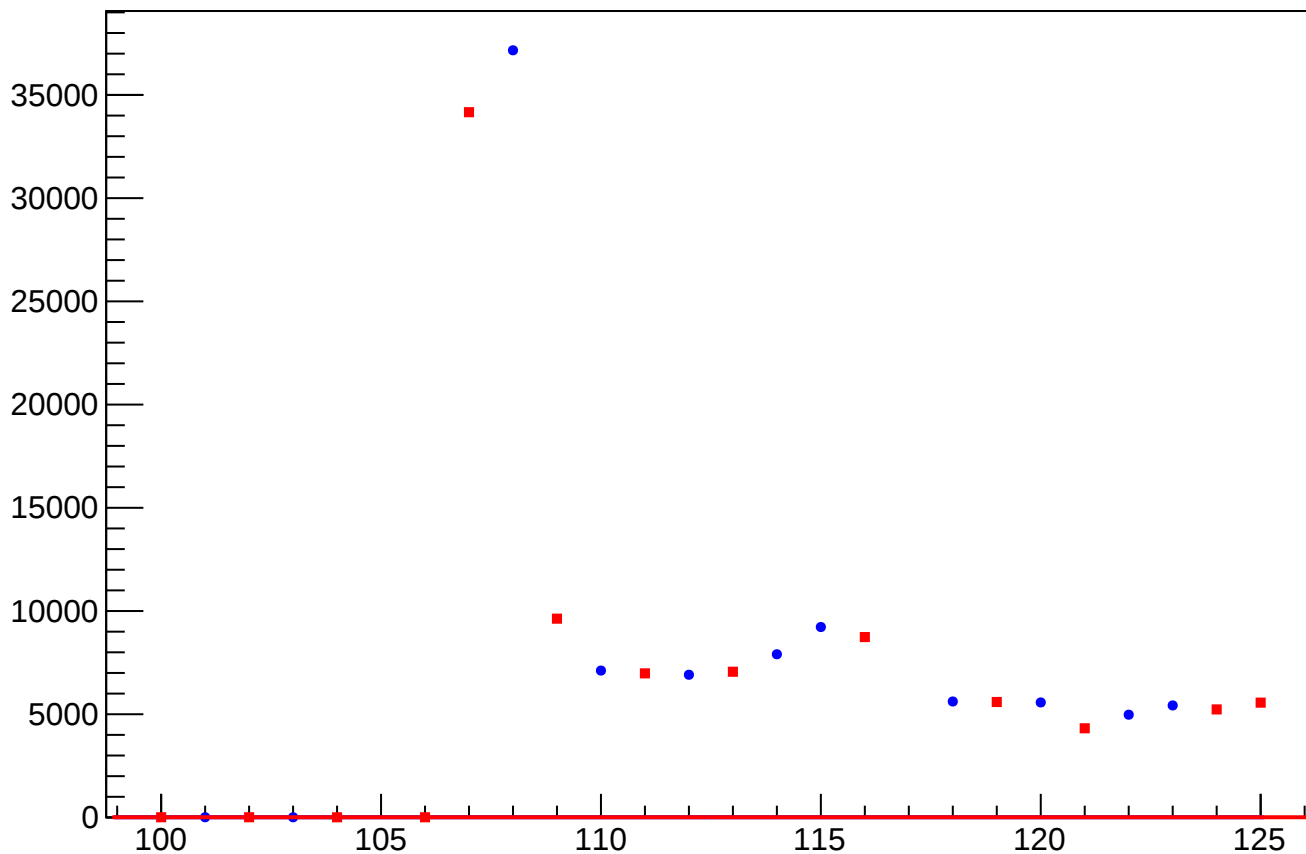
Right: -0.007+/-0.006 χ^2/NDF : 21.3/23

In: 0.001+/-0.009 χ^2/NDF :10.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.007+/-0.006 χ^2/NDF : 21.3/23

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 9.887+/-0.007 χ^2/NDF : 5285232.0/10

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

Right Out: 9.816+/-0.006 χ^2/NDF : 6494990.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

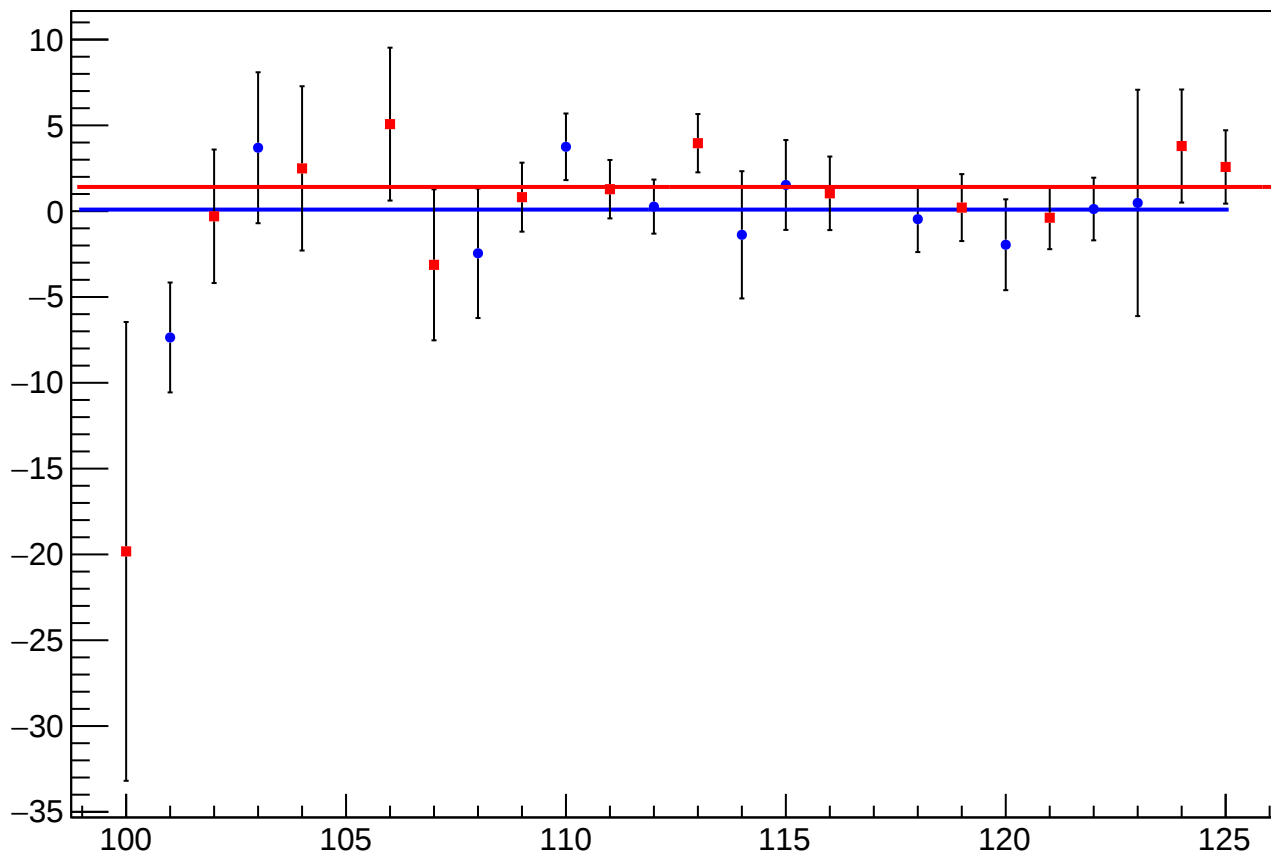
Right: 9.849+/-0.004 χ^2/NDF : 11780286.0/23

In: 9.887+/-0.007 χ^2/NDF : 5285232.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.849+/-0.004 χ^2/NDF : 11780286.0/23

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: 0.093+/-0.736 χ^2/NDF : 11.3/10

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

Right Out: 1.412+/-0.667 χ^2/NDF : 9.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

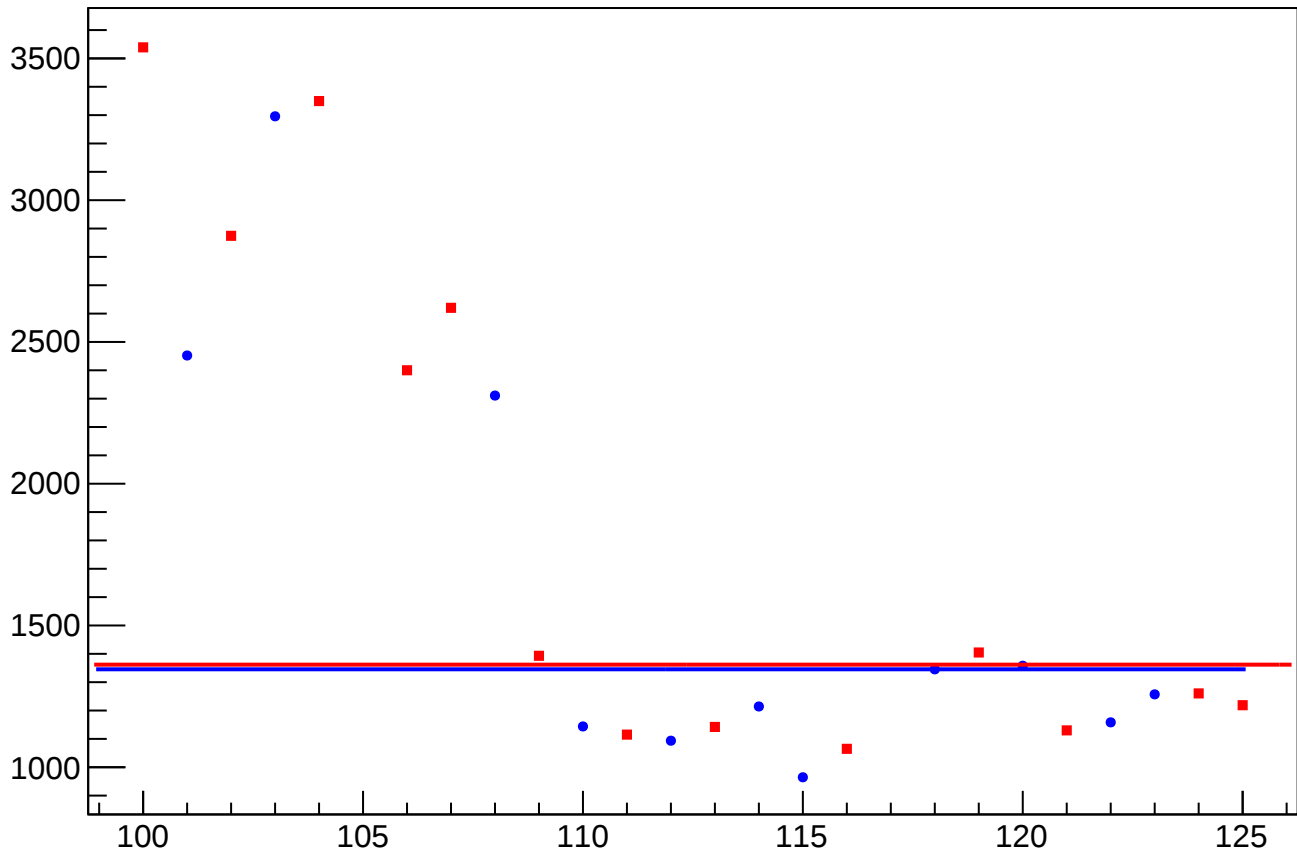
Right: 0.817+/-0.495 χ^2/NDF : 22.1/23

In: 0.093+/-0.736 χ^2/NDF : 11.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.817+/-0.495 χ^2/NDF : 22.1/23

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 1345.438+/-0.521 χ^2/NDF : 902169.8/10

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

Right Out: 1361.794+/-0.472 χ^2/NDF : 1130829.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

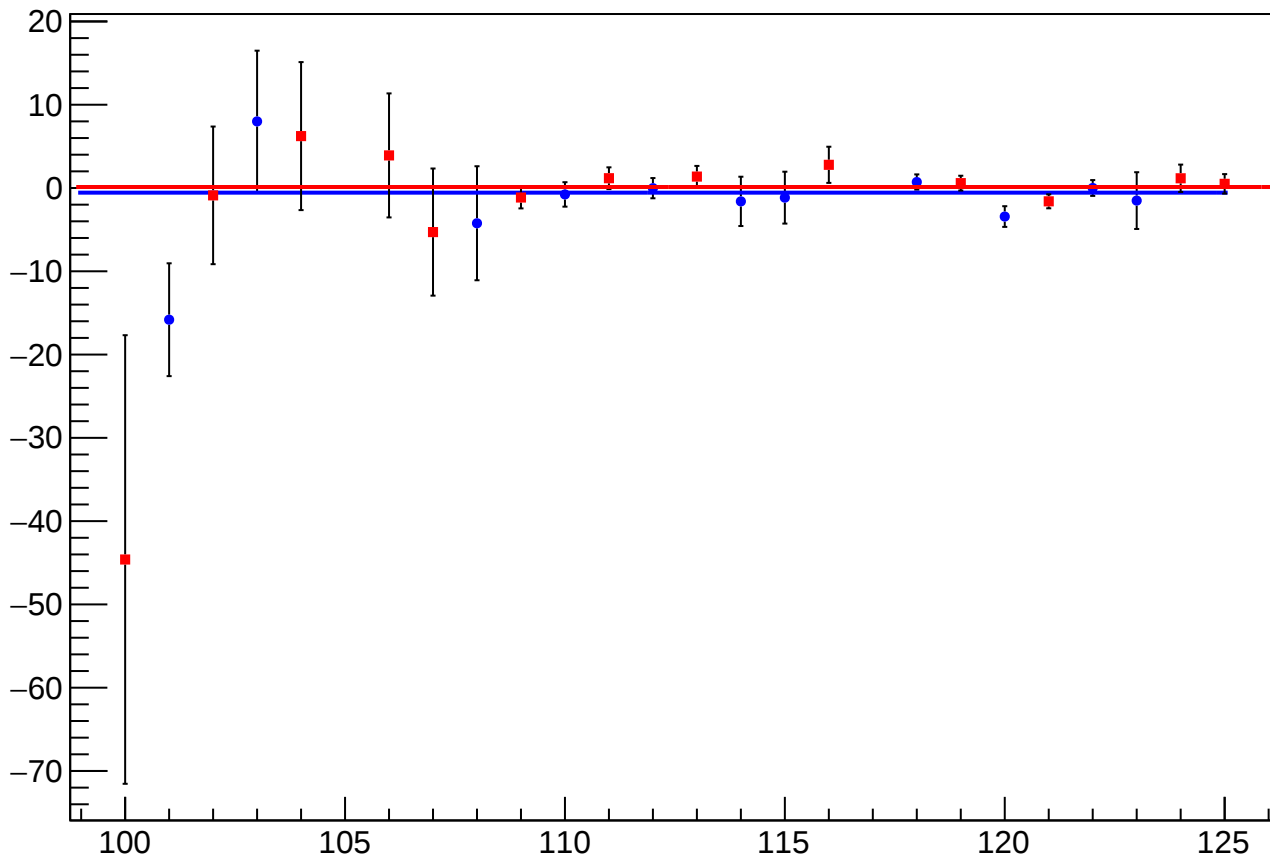
Right: 1354.417+/-0.350 χ^2/NDF : 2033540.7/23

In: 1345.438+/-0.521 χ^2/NDF : 902169.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1354.417+/-0.350 χ^2/NDF : 2033540.7/23

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.559 ± 0.474 χ^2/NDF : 14.5/10

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

Right Out: 0.120 ± 0.413 χ^2/NDF : 13.1/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

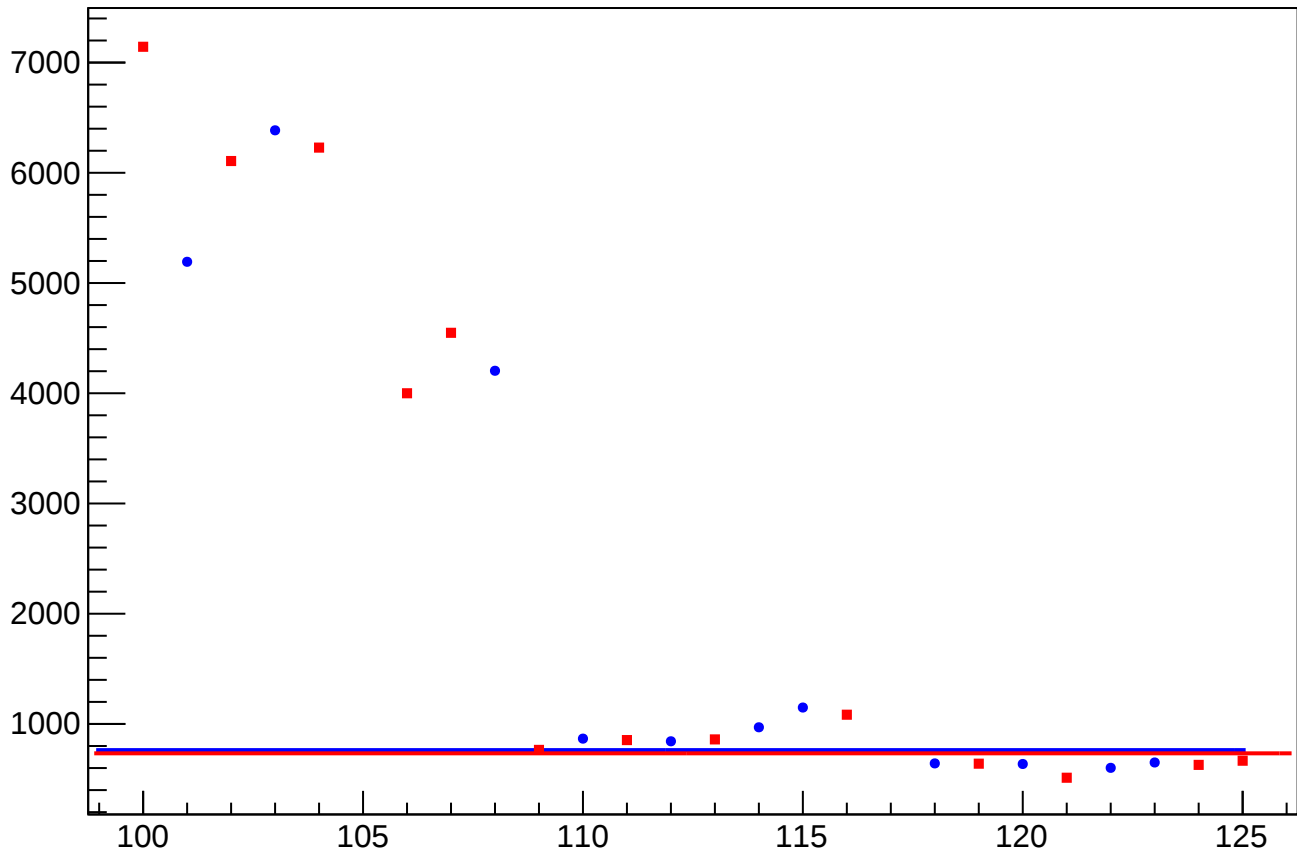
Right: -0.173 ± 0.311 χ^2/NDF : 28.7/23

In: -0.559 ± 0.474 χ^2/NDF : 14.5/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.173 ± 0.311 χ^2/NDF : 28.7/23

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 762.771+/-0.335 χ^2/NDF : 2411269.6/10

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

Right Out: 733.466+/-0.292 χ^2/NDF : 2874426.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

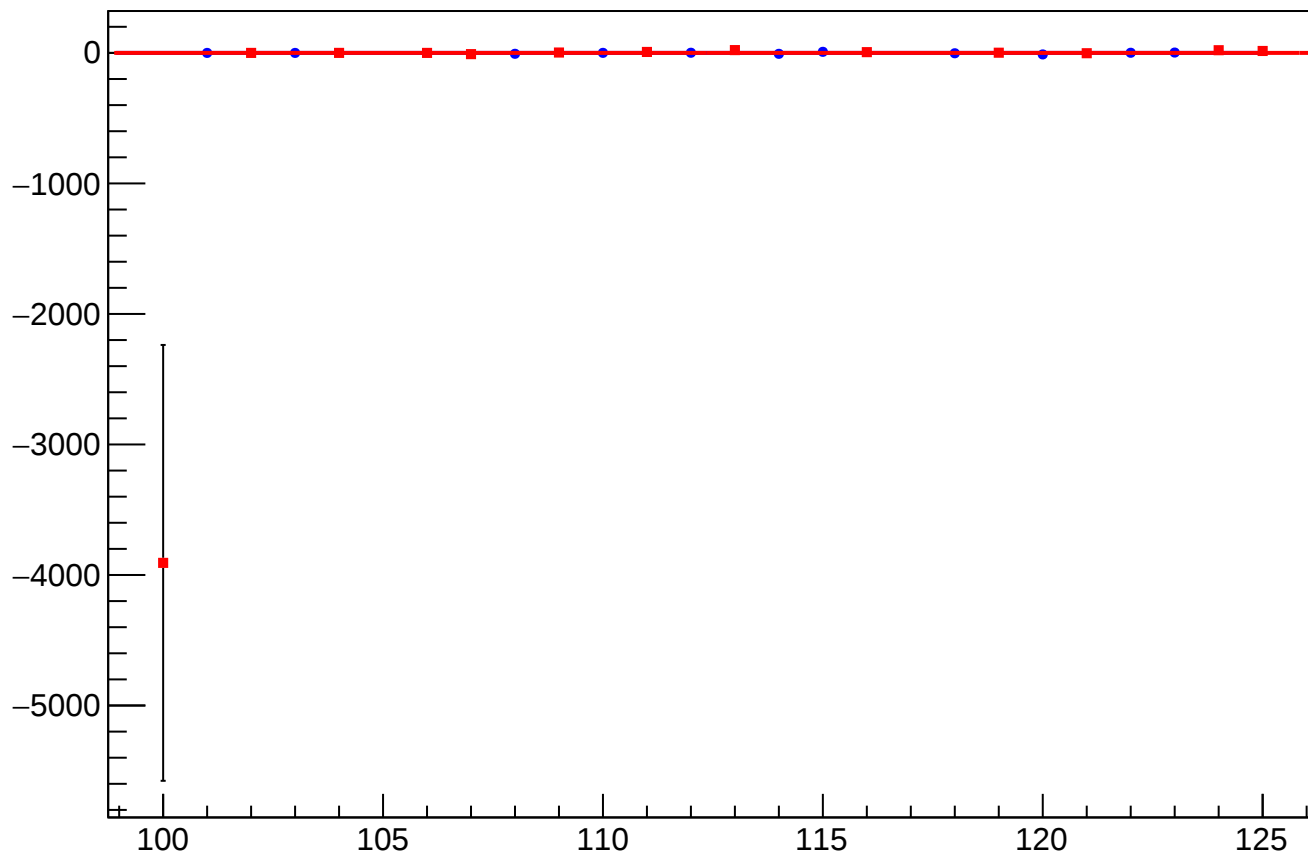
Right: 746.130+/-0.220 χ^2/NDF : 5290039.9/23

In: 762.771+/-0.335 χ^2/NDF :2411269.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 746.130+/-0.220 χ^2/NDF : 5290039.9/23

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.021 χ^2/NDF : 2.1/10

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

Right Out: 0.027+/-0.020 χ^2/NDF : 16.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

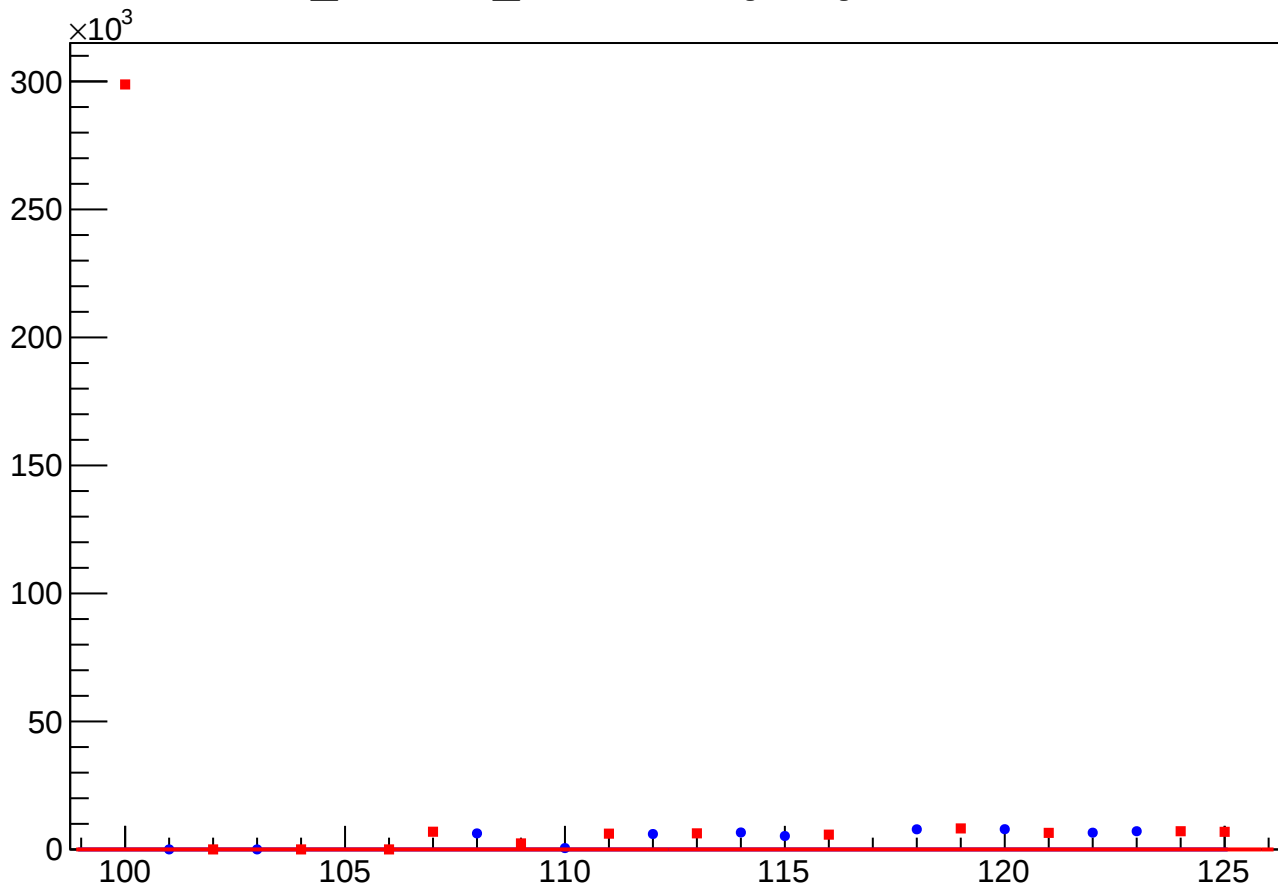
Right: 0.004+/-0.014 χ^2/NDF : 21.2/23

In: -0.021+/-0.021 χ^2/NDF : 2.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.014 χ^2/NDF : 21.2/23

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 17.149+/-0.015 χ^2/NDF : 4812485.7/10

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

Right Out: 17.138+/-0.014 χ^2/NDF : 6214653.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

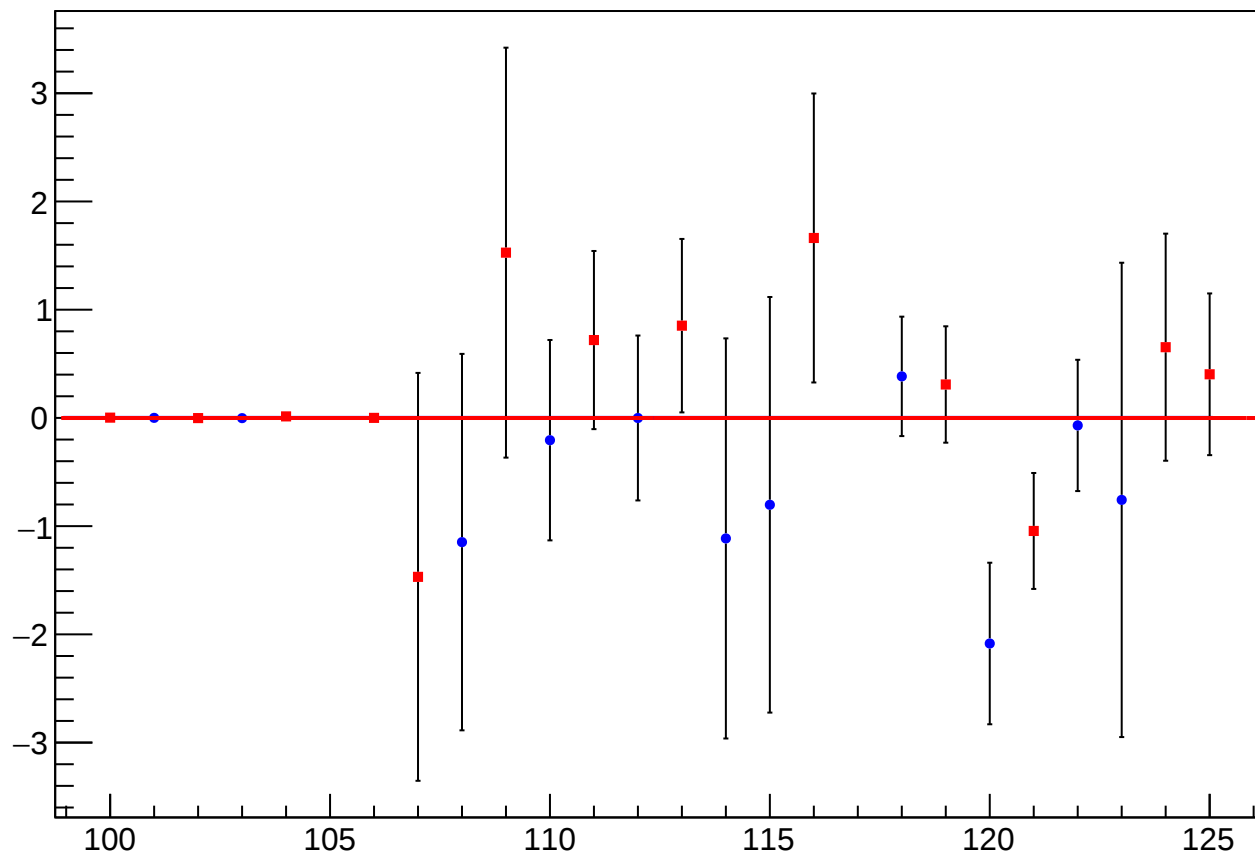
Right: 17.143+/-0.010 χ^2/NDF : 11027139.4/23

In: 17.149+/-0.015 χ^2/NDF : 4812485.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.143+/-0.010 χ^2/NDF : 11027139.4/23

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.002 χ^2/NDF : 9.6/10

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

Right Out: -0.001+/-0.002 χ^2/NDF : 10.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

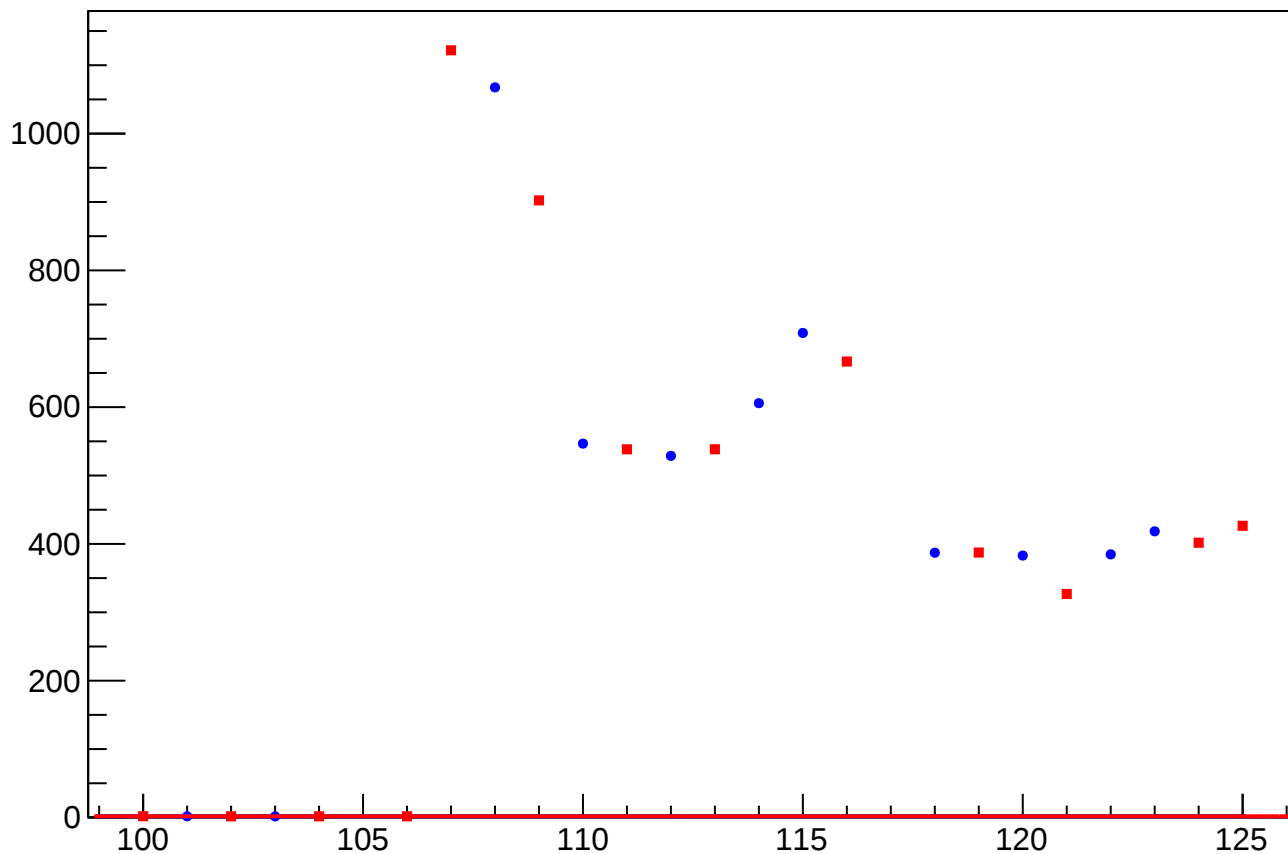
Right: -0.000+/-0.001 χ^2/NDF : 20.3/23

In: 0.000+/-0.002 χ^2/NDF : 9.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.001 χ^2/NDF : 20.3/23

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 1.667+/-0.001 χ^2/NDF : 5255321.7/10

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

Right Out: 1.703+/-0.001 χ^2/NDF : 6105524.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

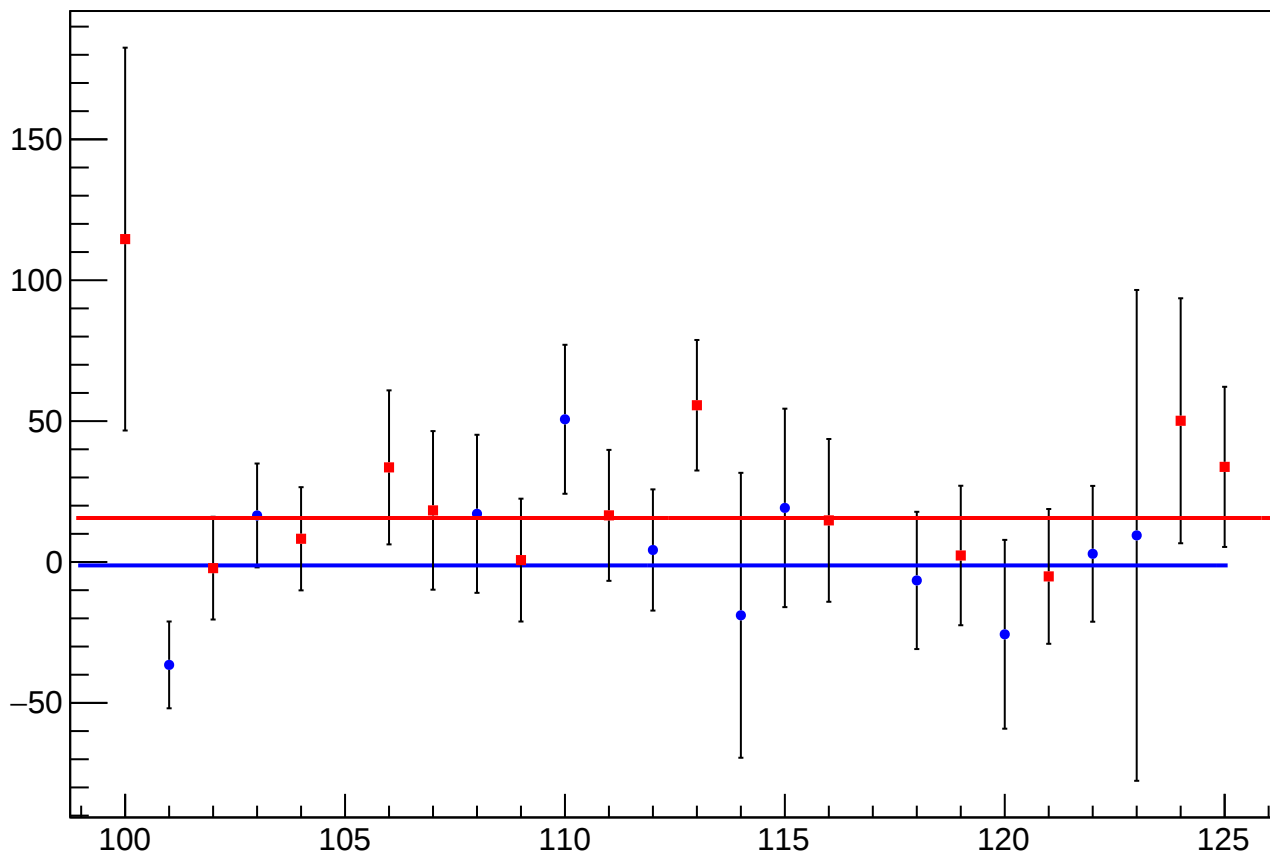
Right: 1.686+/-0.001 χ^2/NDF : 11361179.1/23

In: 1.667+/-0.001 χ^2/NDF : 5255321.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.686+/-0.001 χ^2/NDF : 11361179.1/23

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -1.209+/-7.527 χ^2/NDF : 11.6/10

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

Right Out: 15.620+/-6.904 χ^2/NDF : 9.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

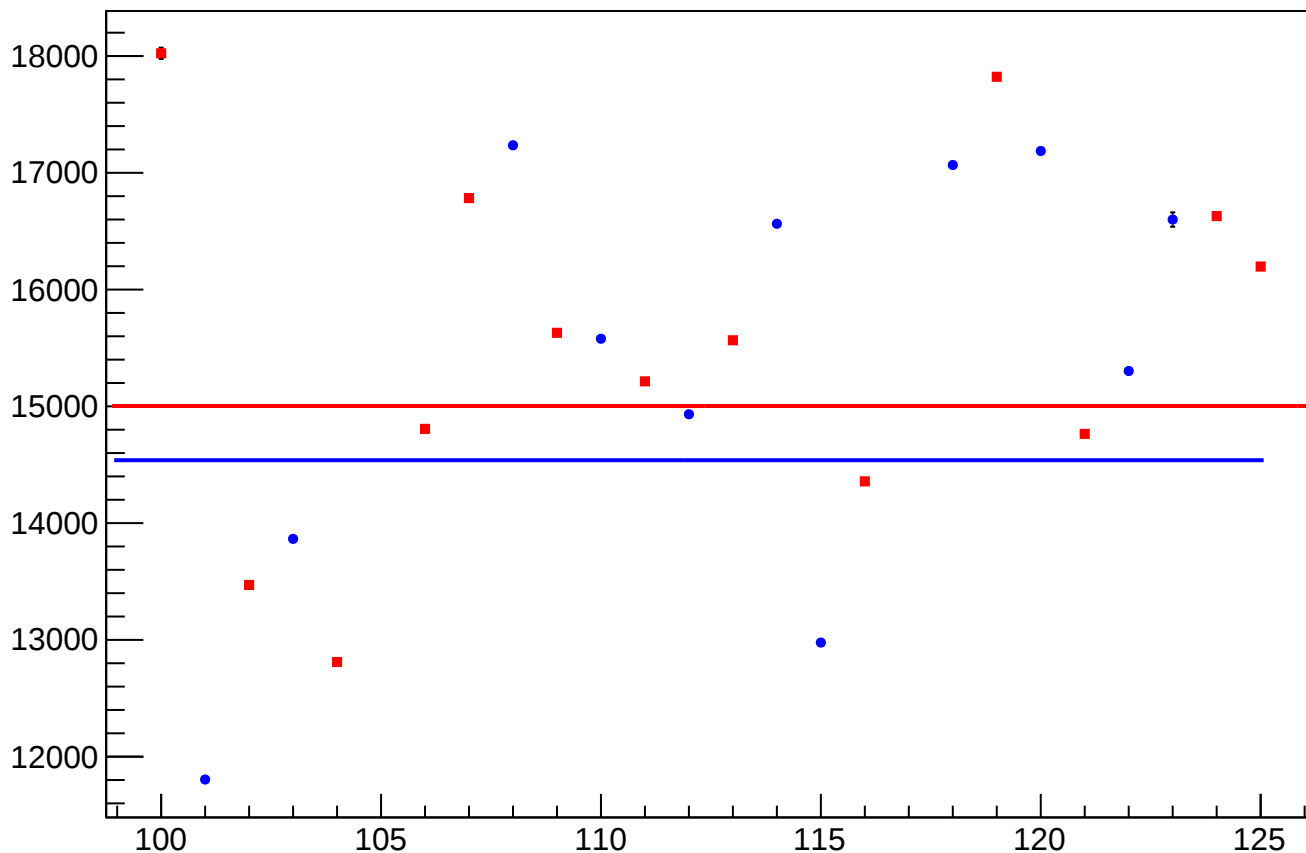
Right: 7.929+/-5.088 χ^2/NDF : 23.5/23

In: -1.209+/-7.527 χ^2/NDF : 11.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.929+/-5.088 χ^2/NDF : 23.5/23

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 14538.721+/-5.322 χ^2/NDF : 132303.7/10

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

Right Out: 15002.997+/-4.882 χ^2/NDF : 91348.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

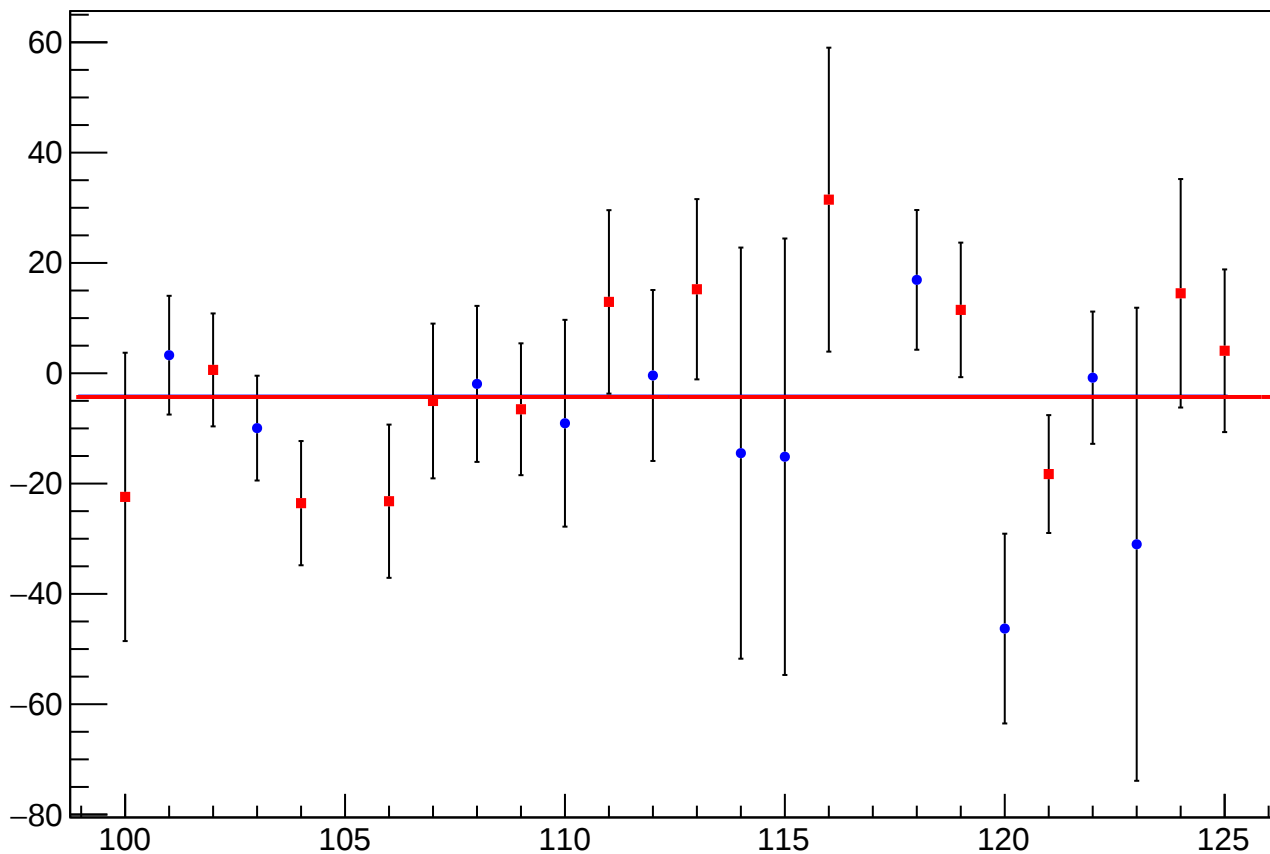
Right: 14790.840+/-3.598 χ^2/NDF : 227784.9/23

In: 14538.721+/-5.322 χ^2/NDF :132303.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14790.840+/-3.598 χ^2/NDF : 227784.9/23

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -4.233+/-4.464 χ^2/NDF : 10.4/10

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

Right Out: -4.300+/-3.856 χ^2/NDF : 14.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

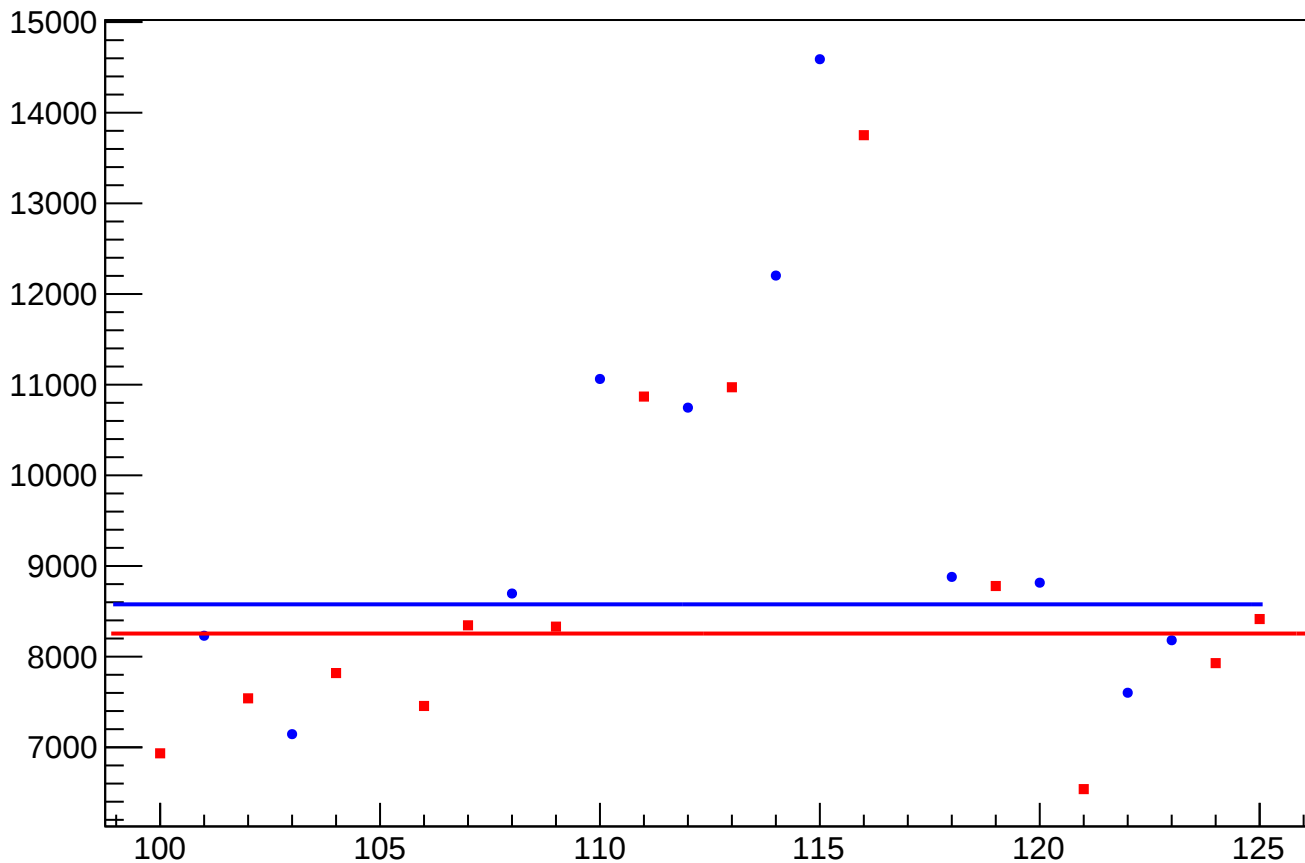
Right: -4.271+/-2.918 χ^2/NDF : 24.6/23

In: -4.233+/-4.464 χ^2/NDF :10.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.271+/-2.918 χ^2/NDF : 24.6/23

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8577.031+/-3.156 χ^2/NDF : 202091.5/10

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

Right Out: 8254.906+/-2.727 χ^2/NDF : 264937.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

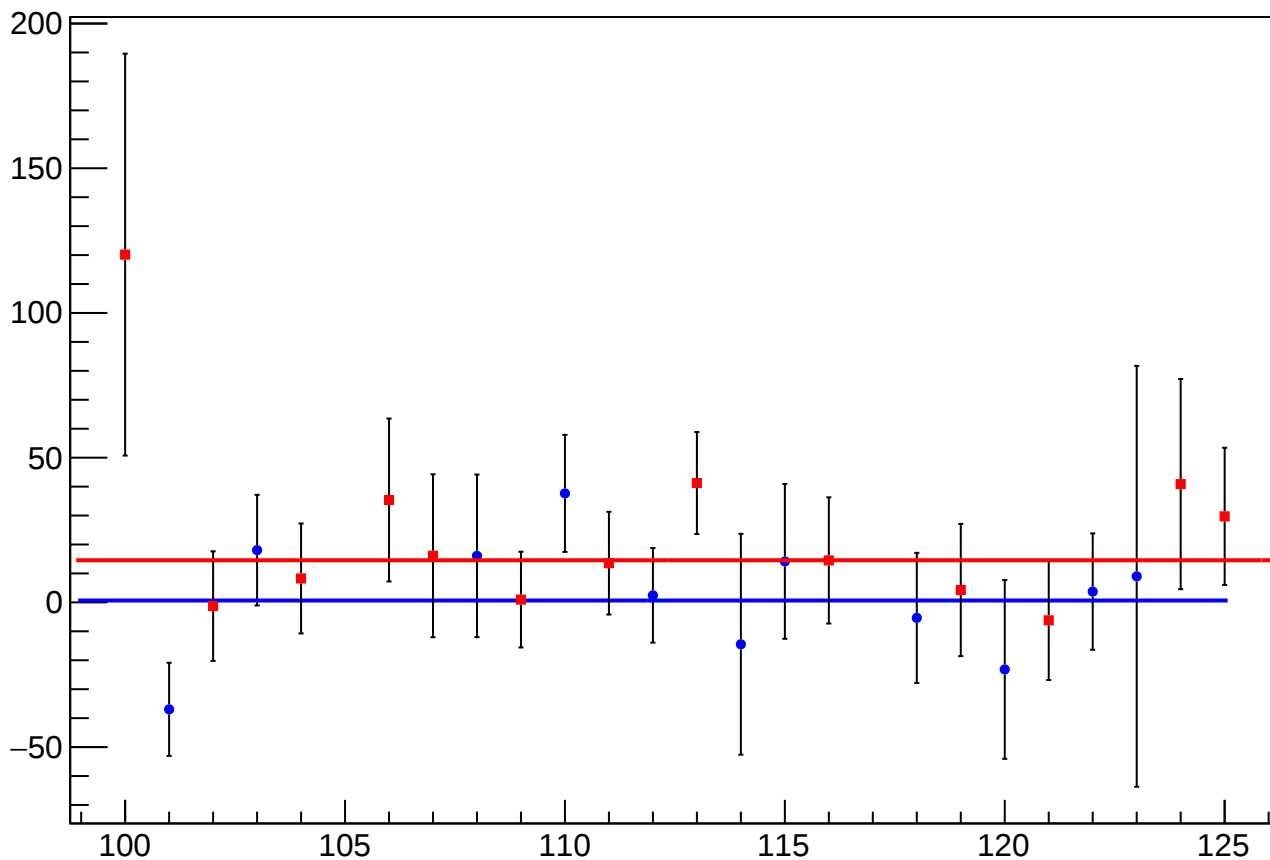
Right: 8392.582+/-2.063 χ^2/NDF : 472993.7/23

In: 8577.031+/-3.156 χ^2/NDF : 202091.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8392.582+/-2.063 χ^2/NDF : 472993.7/23

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: 0.645+/-6.767 χ^2/NDF : 11.1/10

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

Right Out: 14.550+/-6.057 χ^2/NDF : 8.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

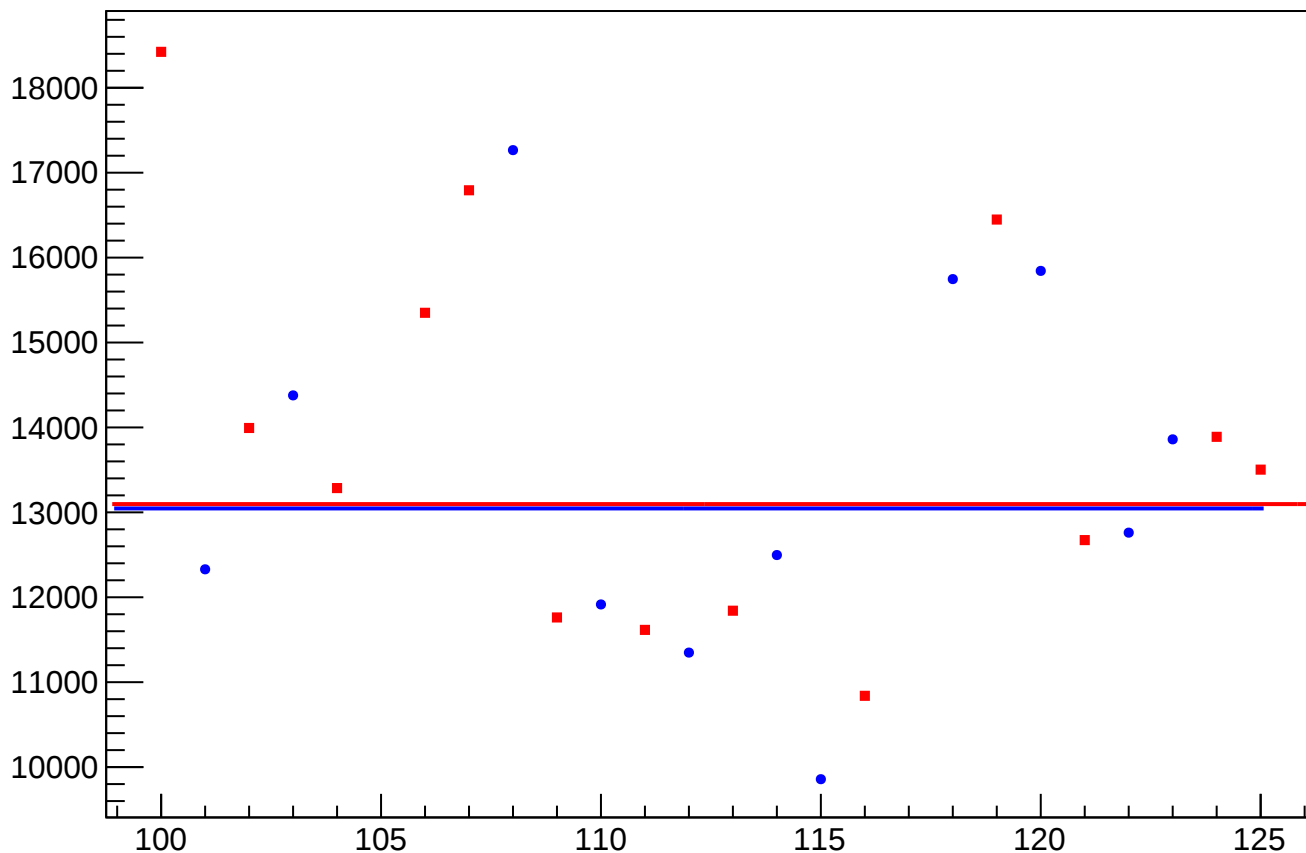
Right: 8.365+/-4.513 χ^2/NDF : 22.2/23

In: 0.645+/-6.767 χ^2/NDF : 11.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.365+/-4.513 χ^2/NDF : 22.2/23

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13046.043+/-4.785 χ^2/NDF : 161418.3/10

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

Right Out: 13097.339+/-4.283 χ^2/NDF : 167696.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

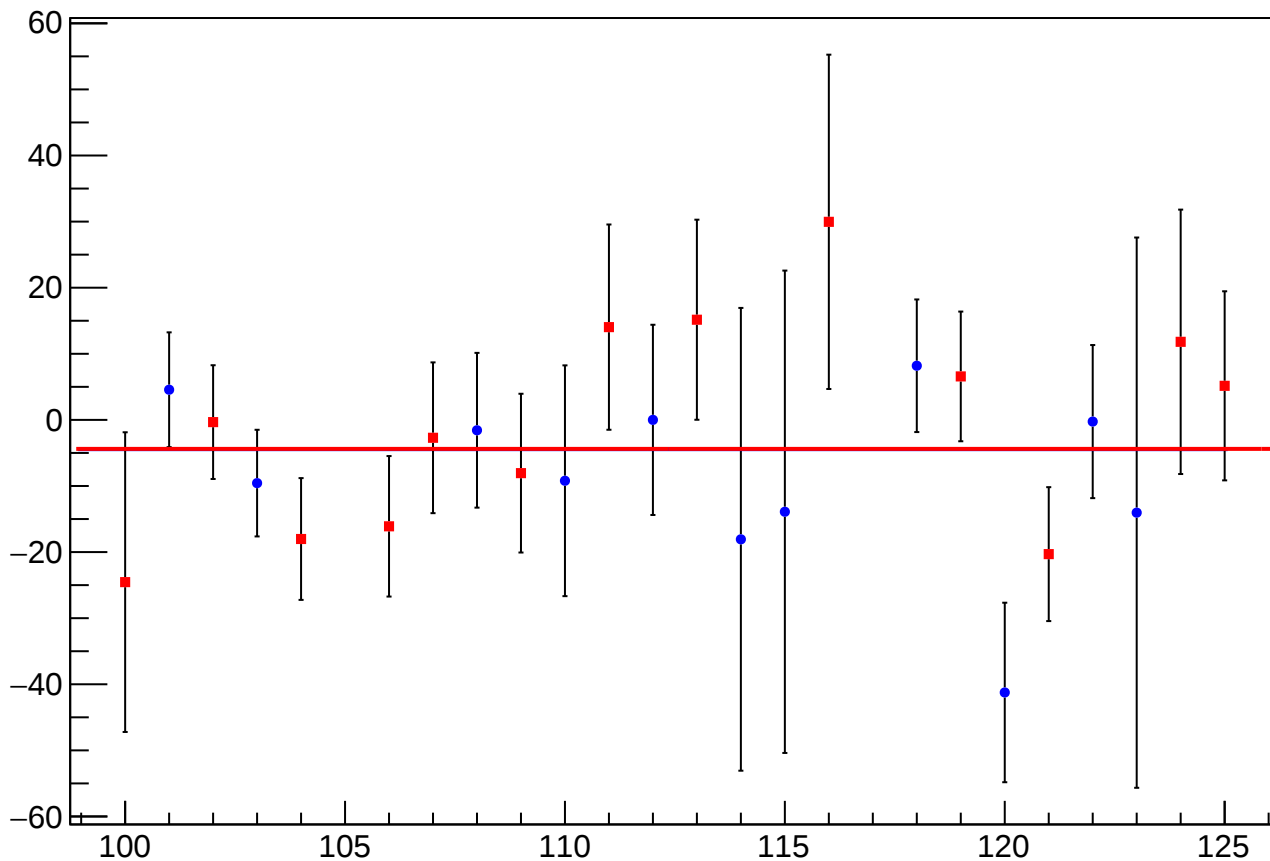
Right: 13074.521+/-3.191 χ^2/NDF : 329179.0/23

In: 13046.043+/-4.785 χ^2/NDF :161418.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13074.521+/-3.191 χ^2/NDF : 329179.0/23

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -4.428+/-3.807 χ^2/NDF : 11.0/10

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

Right Out: -4.387+/-3.365 χ^2/NDF : 14.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

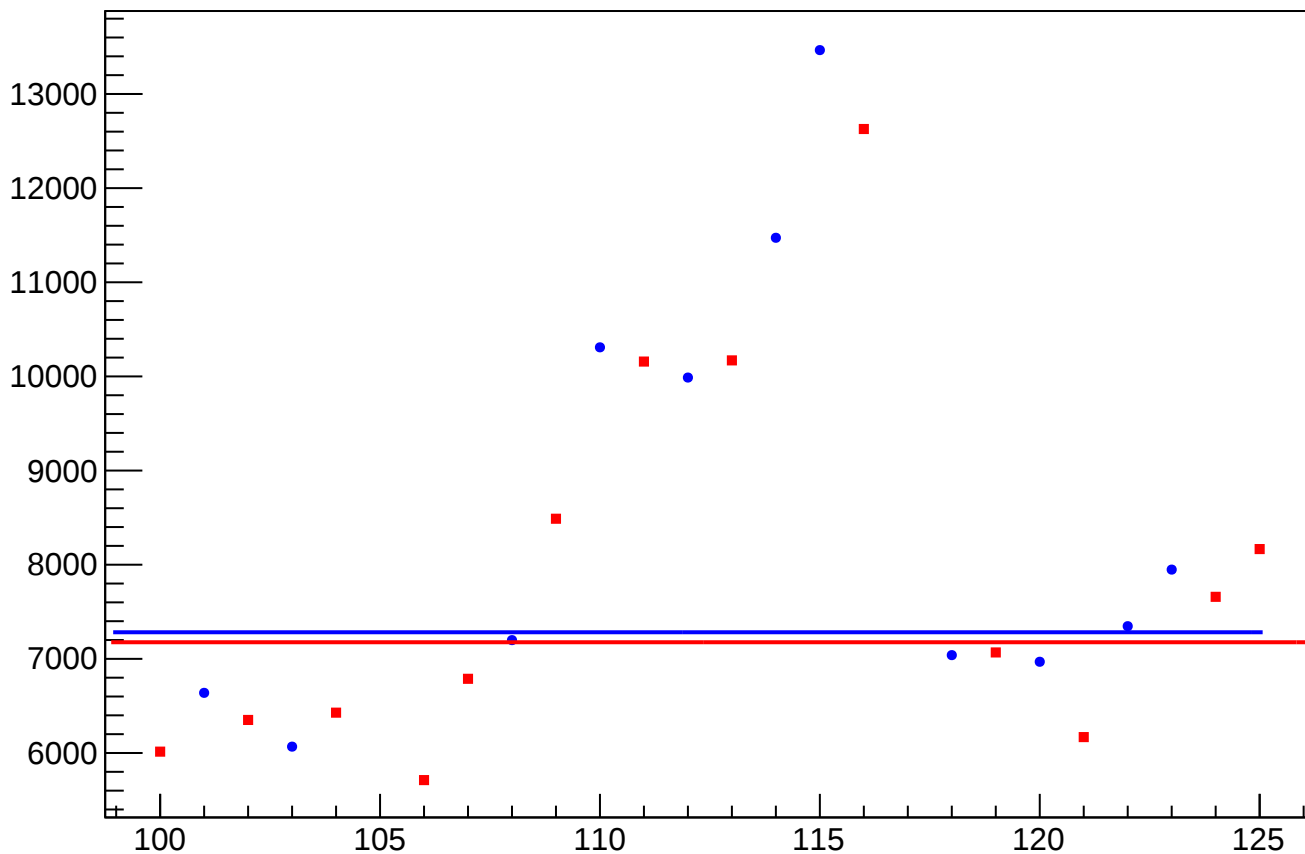
Right: -4.405+/-2.521 χ^2/NDF : 25.3/23

In: -4.428+/-3.807 χ^2/NDF :11.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.405+/-2.521 χ^2/NDF : 25.3/23

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7282.400+/-2.692 χ^2/NDF : 276160.2/10

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

Right Out: 7176.316+/-2.380 χ^2/NDF : 376660.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

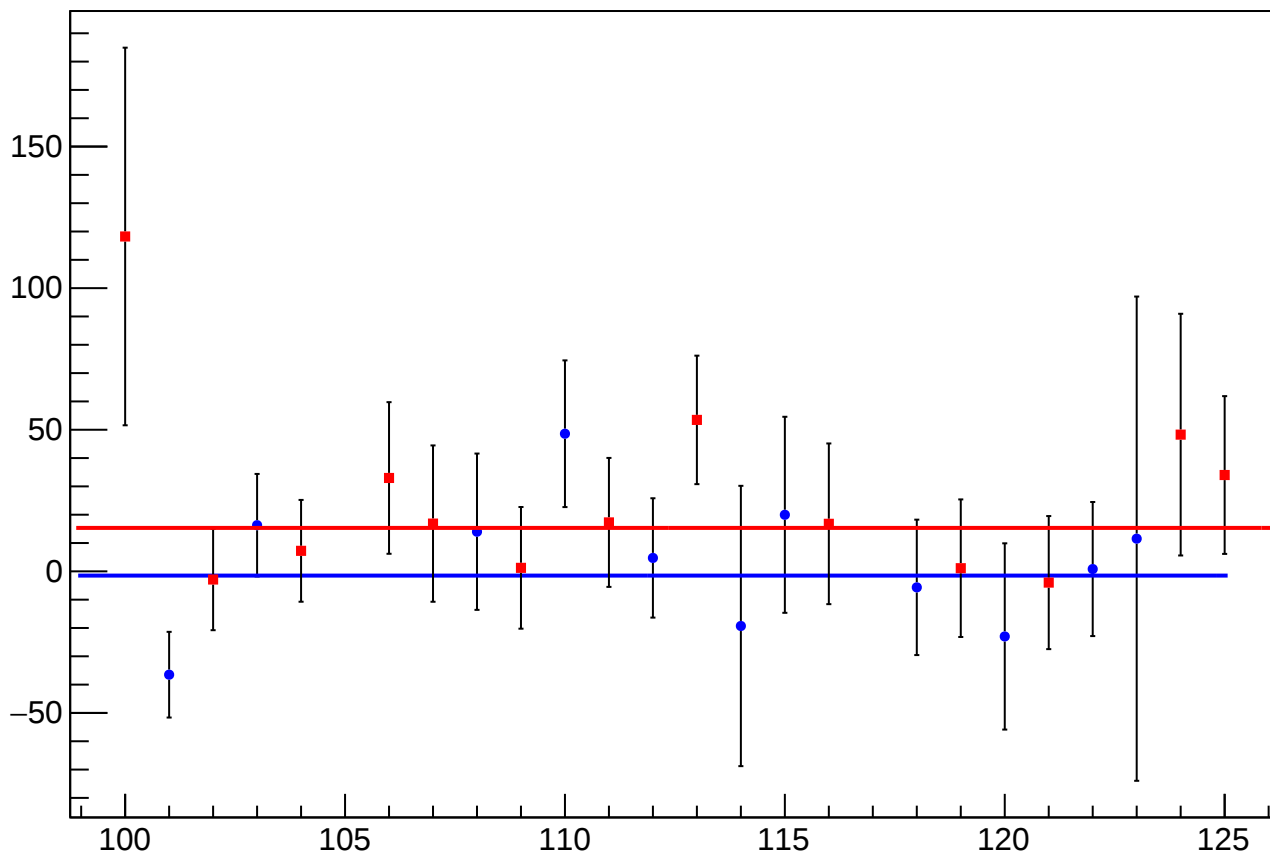
Right: 7222.850+/-1.783 χ^2/NDF : 653692.2/23

In: 7282.400+/-2.692 χ^2/NDF : 276160.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7222.850+/-1.783 χ^2/NDF : 653692.2/23

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.500+/-7.389 χ^2/NDF : 11.5/10

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

Right Out: 15.338+/-6.777 χ^2/NDF : 9.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

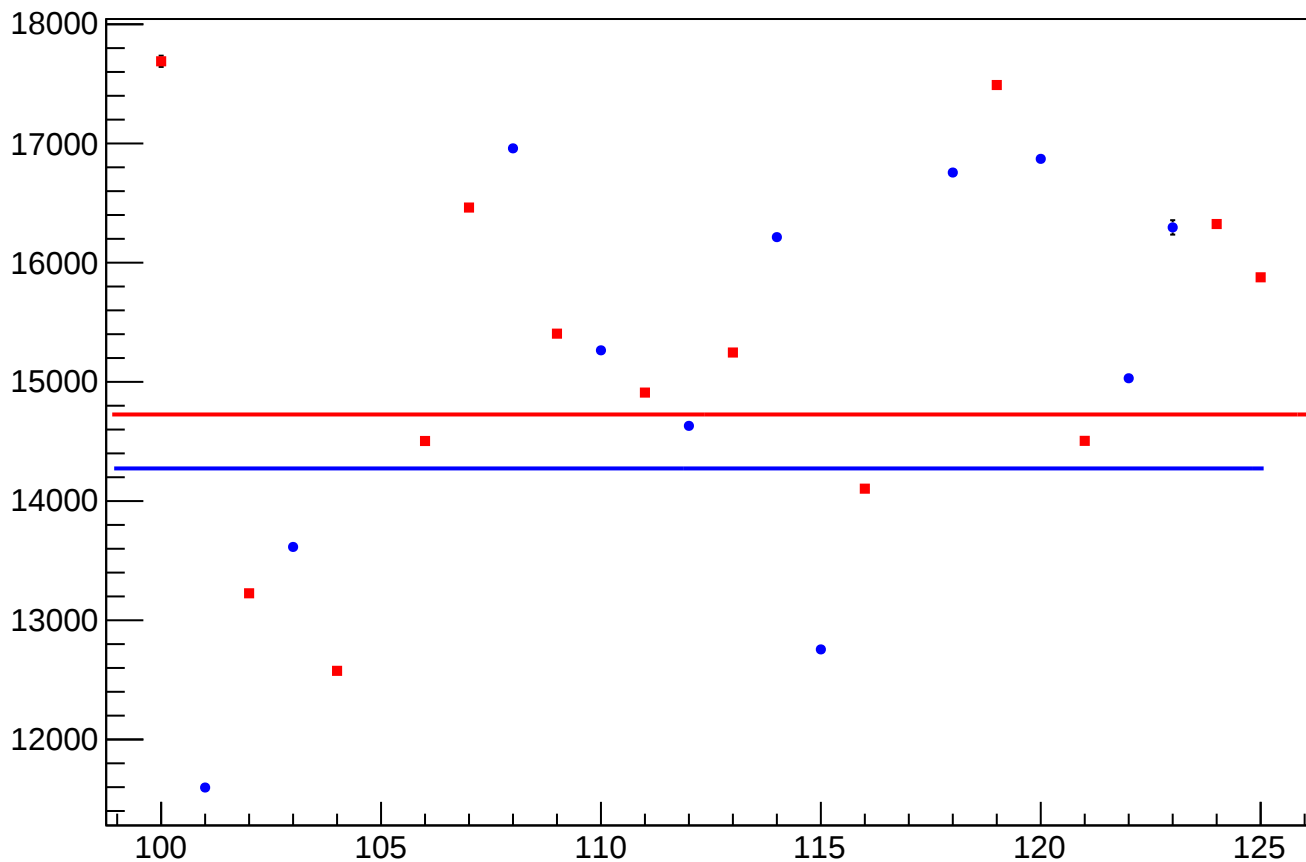
Right: 7.645+/-4.994 χ^2/NDF : 23.7/23

In: -1.500+/-7.389 χ^2/NDF : 11.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.645+/-4.994 χ^2/NDF : 23.7/23

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 14273.817+/-5.225 χ^2/NDF : 131799.2/10

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

Right Out: 14726.488+/-4.792 χ^2/NDF : 91102.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

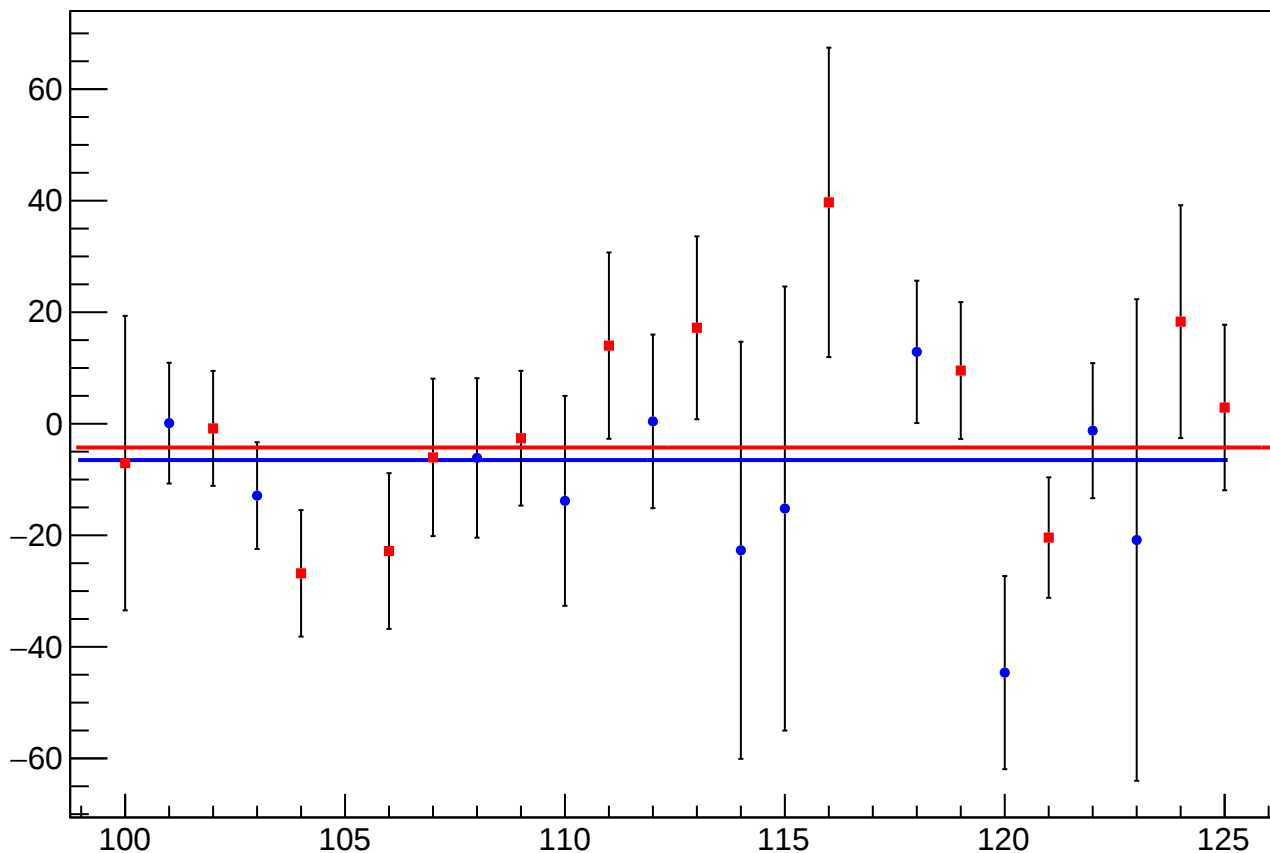
Right: 14519.678+/-3.532 χ^2/NDF : 226978.0/23

In: 14273.817+/-5.225 χ^2/NDF : 131799.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14519.678+/-3.532 χ^2/NDF : 226978.0/23

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -6.507+/-4.496 χ^2/NDF : 8.9/10

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

Right Out: -4.256+/-3.885 χ^2/NDF : 16.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

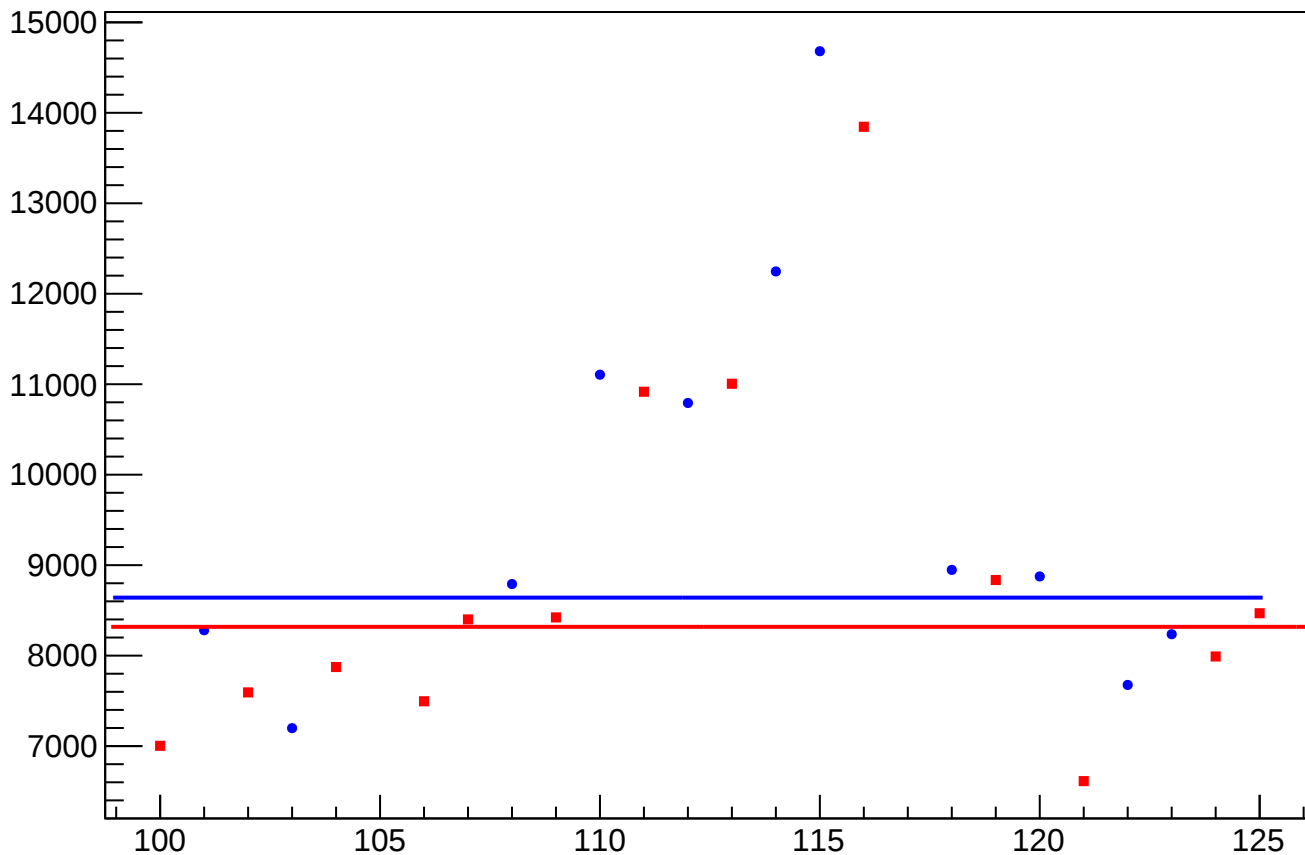
Right: -5.218+/-2.940 χ^2/NDF : 25.2/23

In: -6.507+/-4.496 χ^2/NDF : 8.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.218+/-2.940 χ^2/NDF : 25.2/23

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8641.277+/-3.179 χ^2/NDF : 199424.8/10

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

Right Out: 8318.210+/-2.747 χ^2/NDF : 260693.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

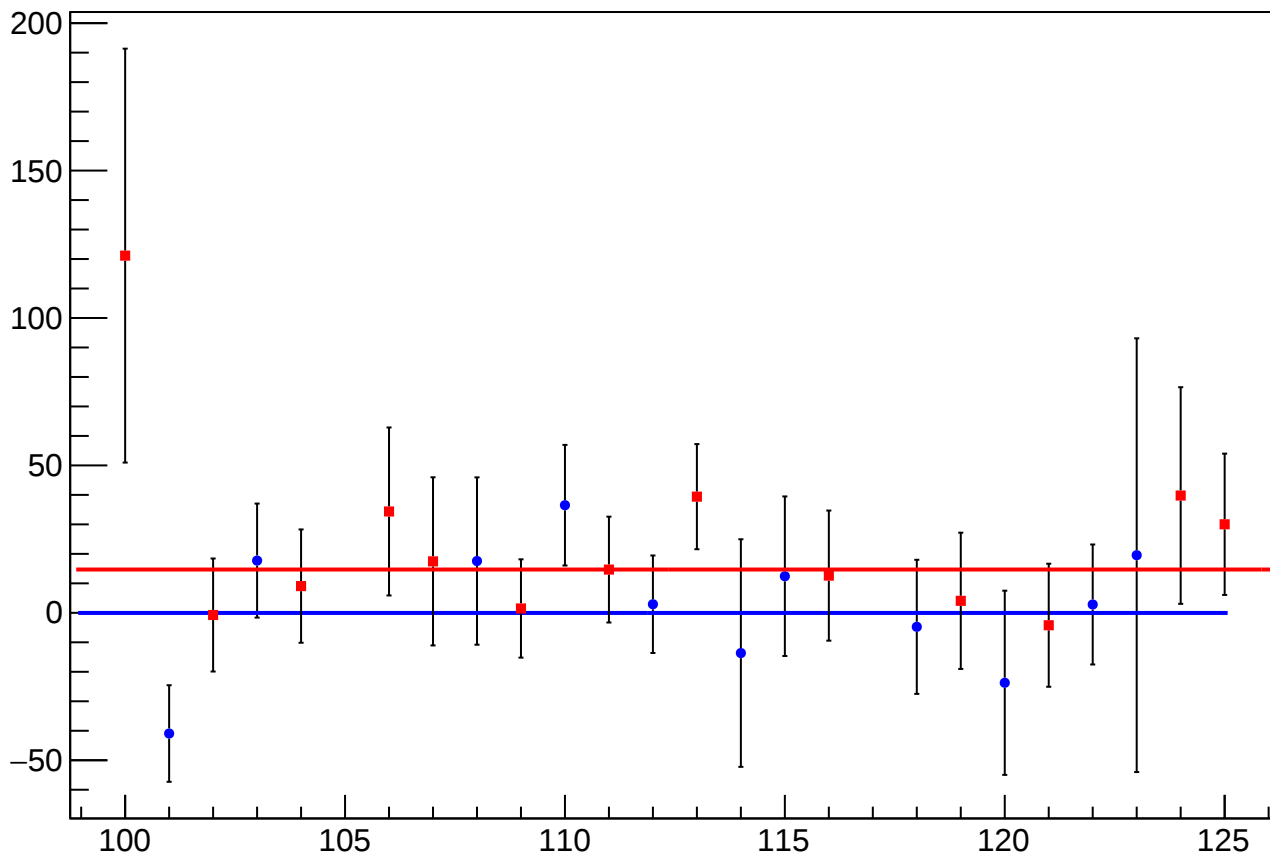
Right: 8456.303+/-2.079 χ^2/NDF : 466030.7/23

In: 8641.277+/-3.179 χ^2/NDF : 199424.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8456.303+/-2.079 χ^2/NDF : 466030.7/23

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.036 ± 6.854 χ^2/NDF : 11.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 14.689 ± 6.126 χ^2/NDF : 8.0/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

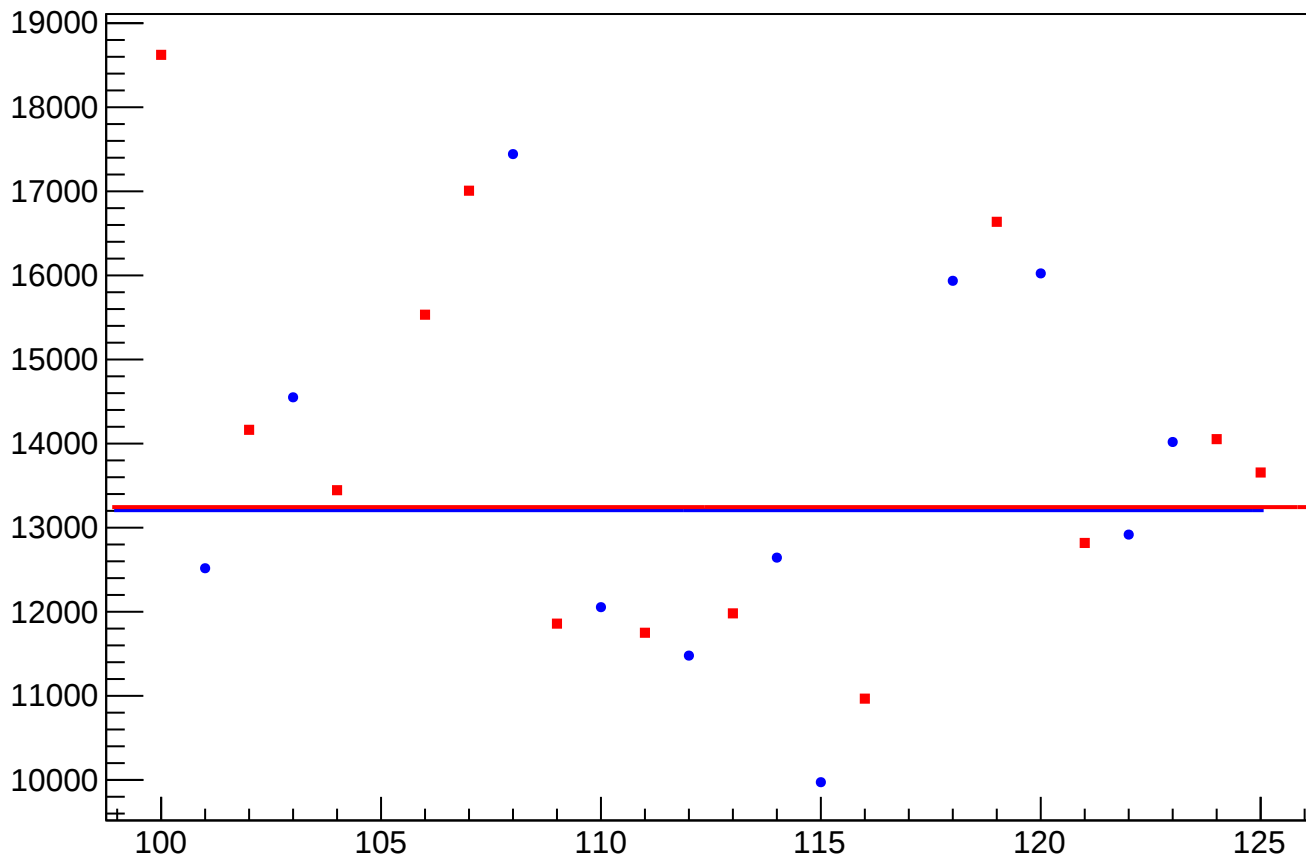
Right: 8.150 ± 4.567 χ^2/NDF : 22.3/23

In: -0.036 ± 6.854 χ^2/NDF : 11.7/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 8.150 ± 4.567 χ^2/NDF : 22.3/23

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13208.215+/-4.846 χ^2/NDF : 160649.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13244.570+/-4.332 χ^2/NDF : 168854.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

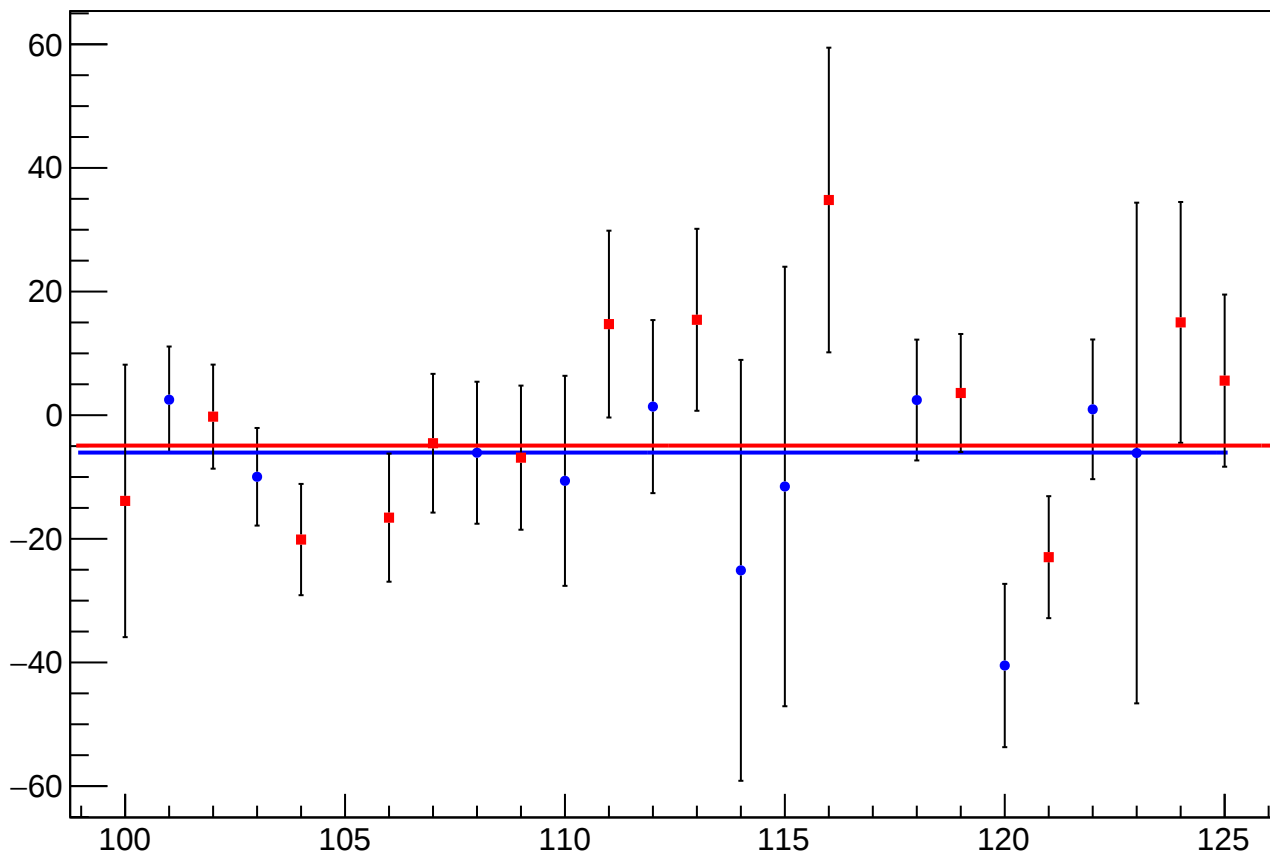
Right: 13228.425+/-3.230 χ^2/NDF : 329534.8/23

In: 13208.215+/-4.846 χ^2/NDF : 160649.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13228.425+/-3.230 χ^2/NDF : 329534.8/23

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -6.046+/-3.727 χ^2/NDF : 9.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.915+/-3.282 χ^2/NDF : 16.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

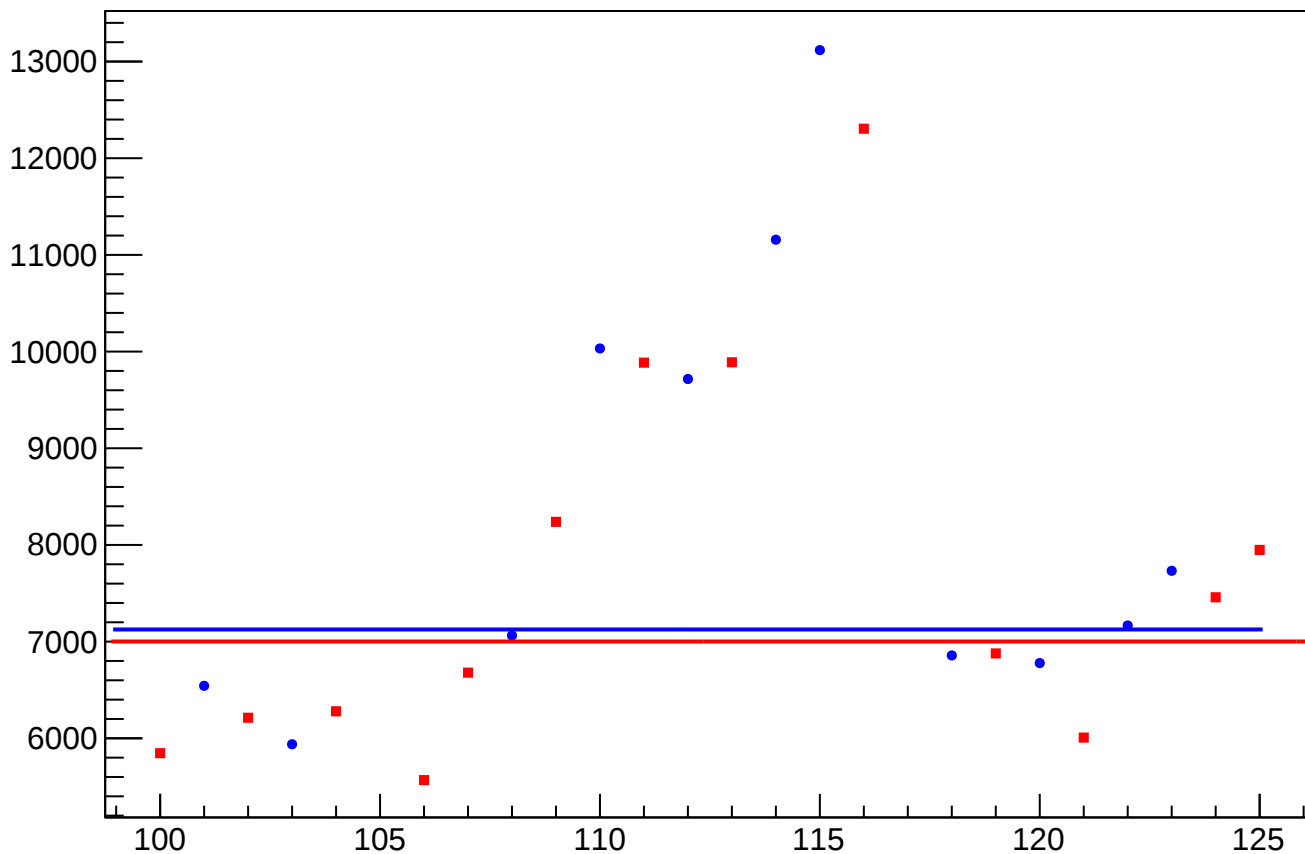
Right: -5.409+/-2.463 χ^2/NDF : 26.5/23

In: -6.046+/-3.727 χ^2/NDF :9.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.409+/-2.463 χ^2/NDF : 26.5/23

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7125.755+/-2.635 χ^2/NDF : 269747.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7001.306+/-2.321 χ^2/NDF : 371899.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

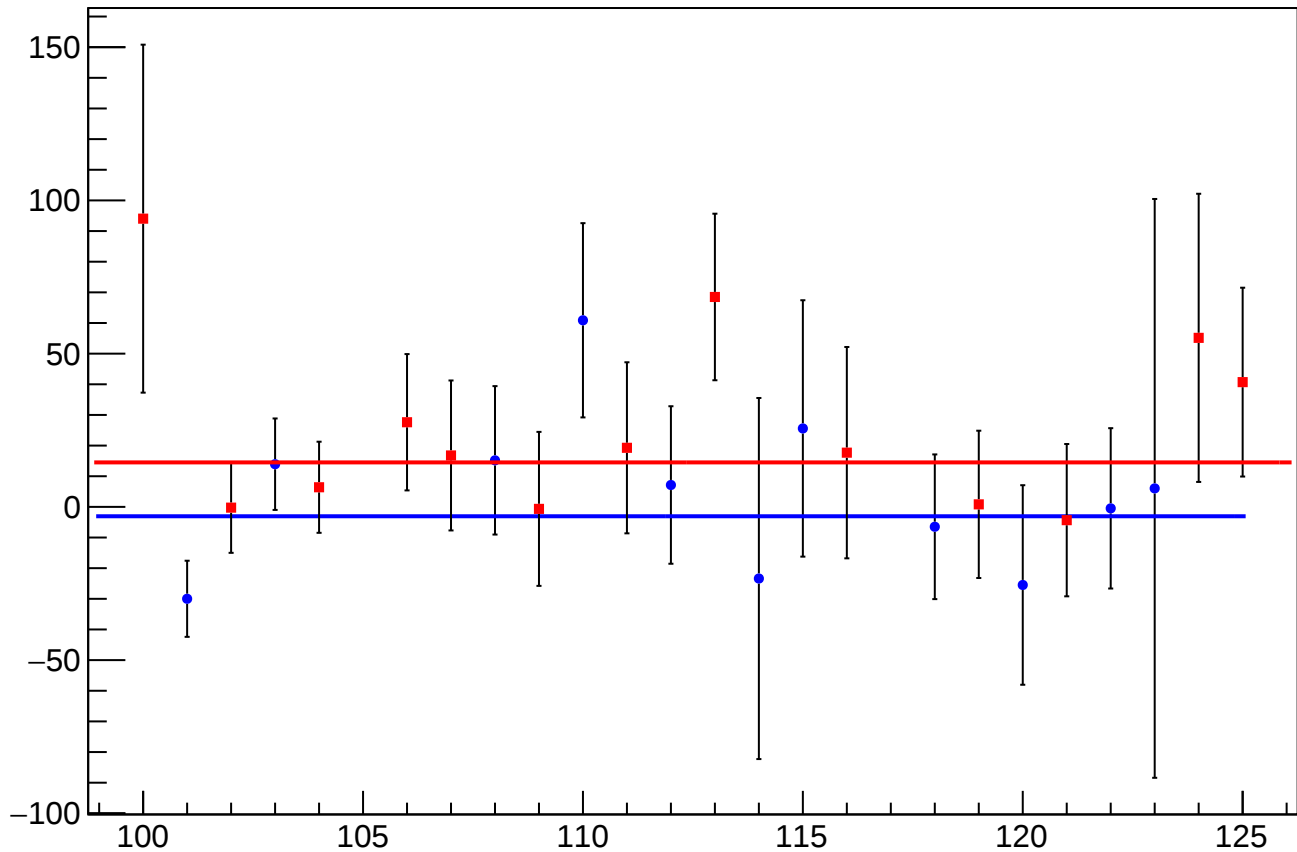
Right: 7055.669+/-1.742 χ^2/NDF : 642903.1/23

In: 7125.755+/-2.635 χ^2/NDF : 269747.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7055.669+/-1.742 χ^2/NDF : 642903.1/23

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -3.061+/-7.008 χ^2/NDF : 11.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.512+/-6.587 χ^2/NDF : 10.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

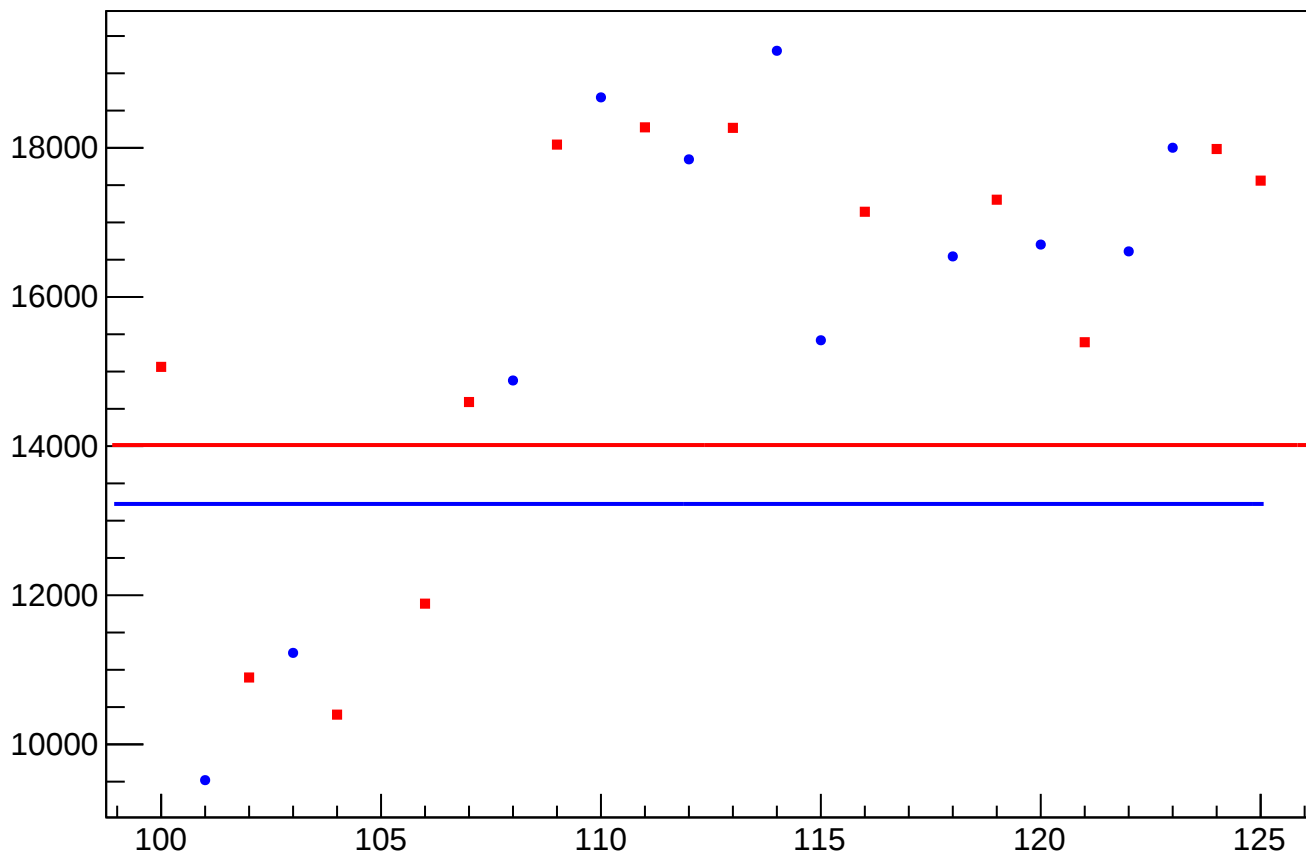
Right: 6.270+/-4.800 χ^2/NDF : 25.6/23

In: -3.061+/-7.008 χ^2/NDF : 11.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.270+/-4.800 χ^2/NDF : 25.6/23

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 13224.419+/-4.956 χ^2/NDF : 474796.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 14014.376+/-4.658 χ^2/NDF : 475757.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

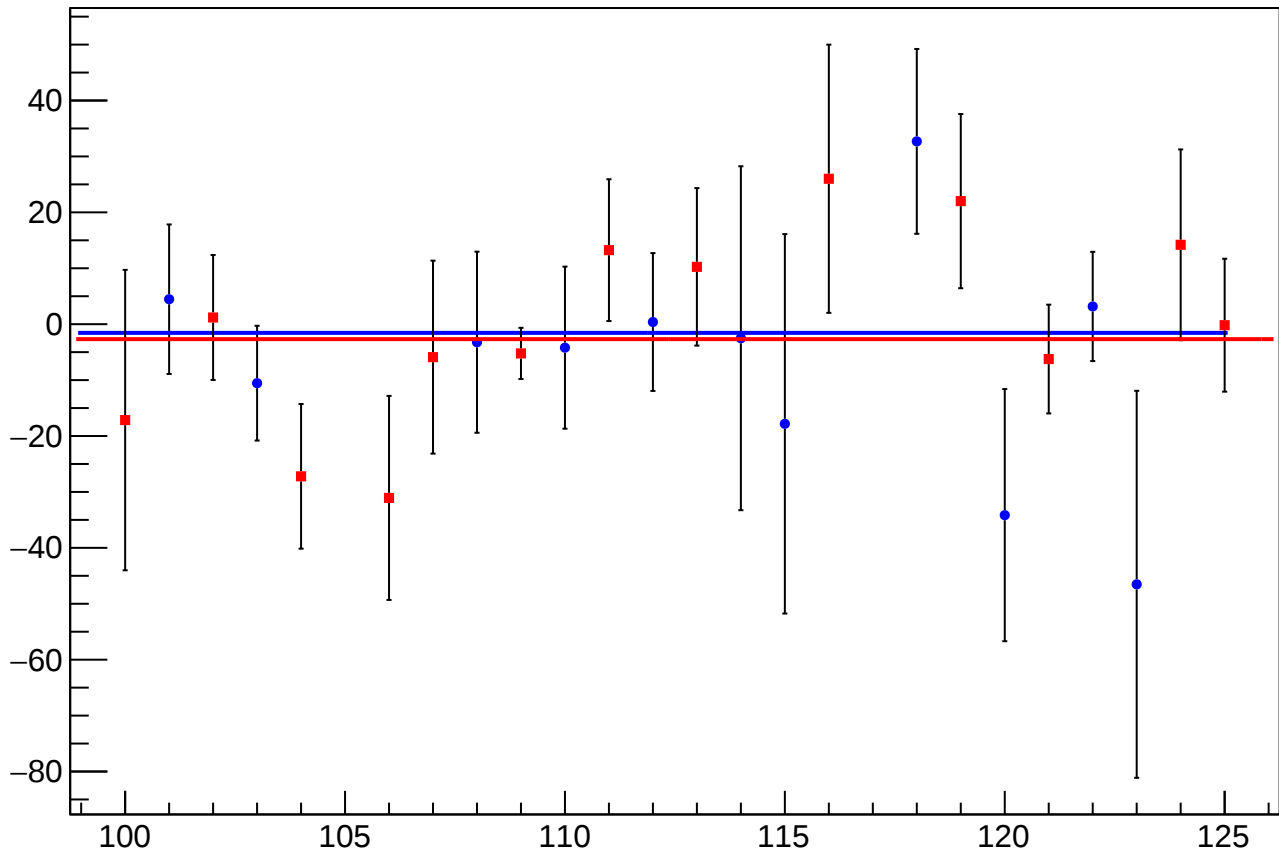
Right: 13643.854+/-3.394 χ^2/NDF : 964044.5/23

In: 13224.419+/-4.956 χ^2/NDF :474796.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13643.854+/-3.394 χ^2/NDF : 964044.5/23

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: -1.552+/-4.512 χ^2/NDF : 9.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.673+/-3.048 χ^2/NDF : 14.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

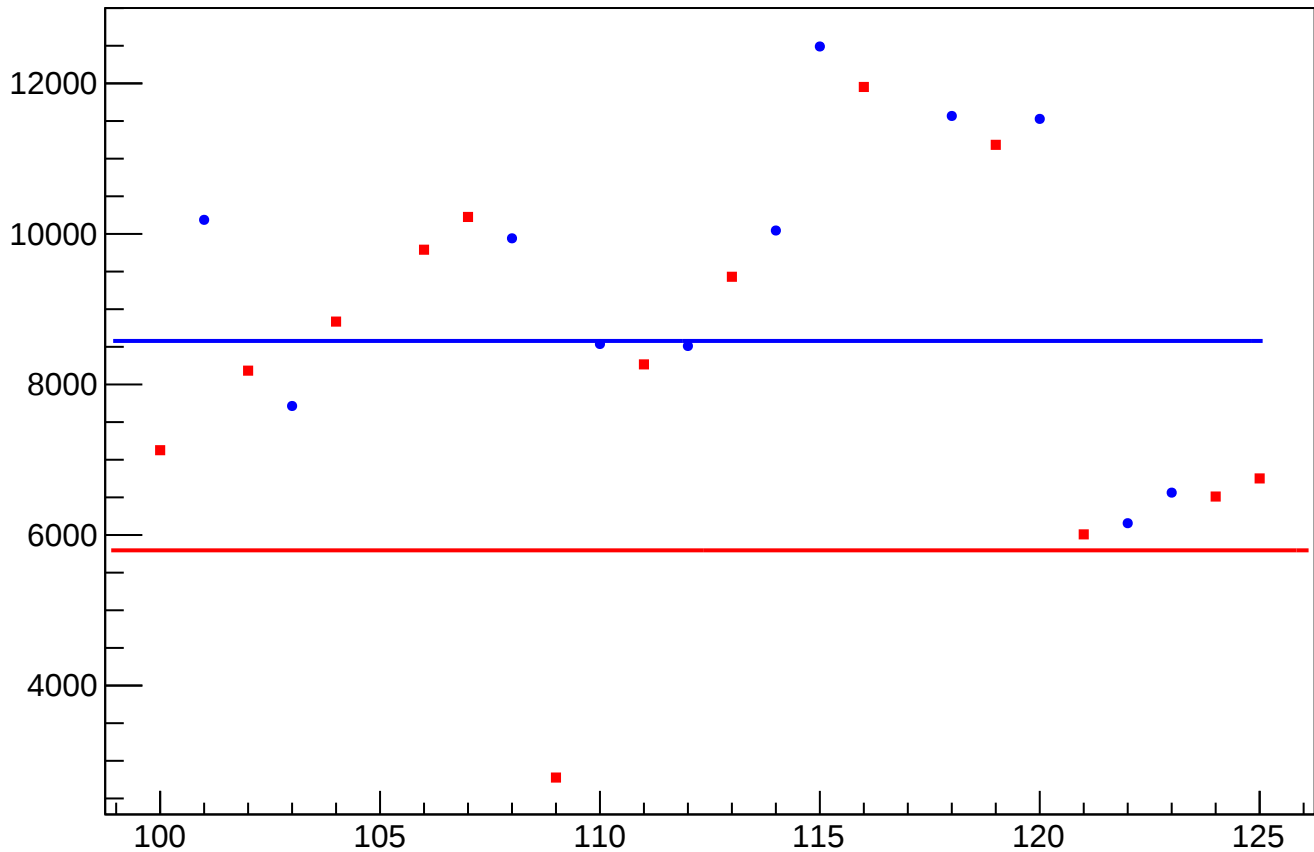
Right: -2.322+/-2.526 χ^2/NDF : 23.9/23

In: -1.552+/-4.512 χ^2/NDF : 9.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.322+/-2.526 χ^2/NDF : 23.9/23

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8578.287+/-3.191 χ^2/NDF : 317811.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5796.303+/-2.155 χ^2/NDF : 1901468.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

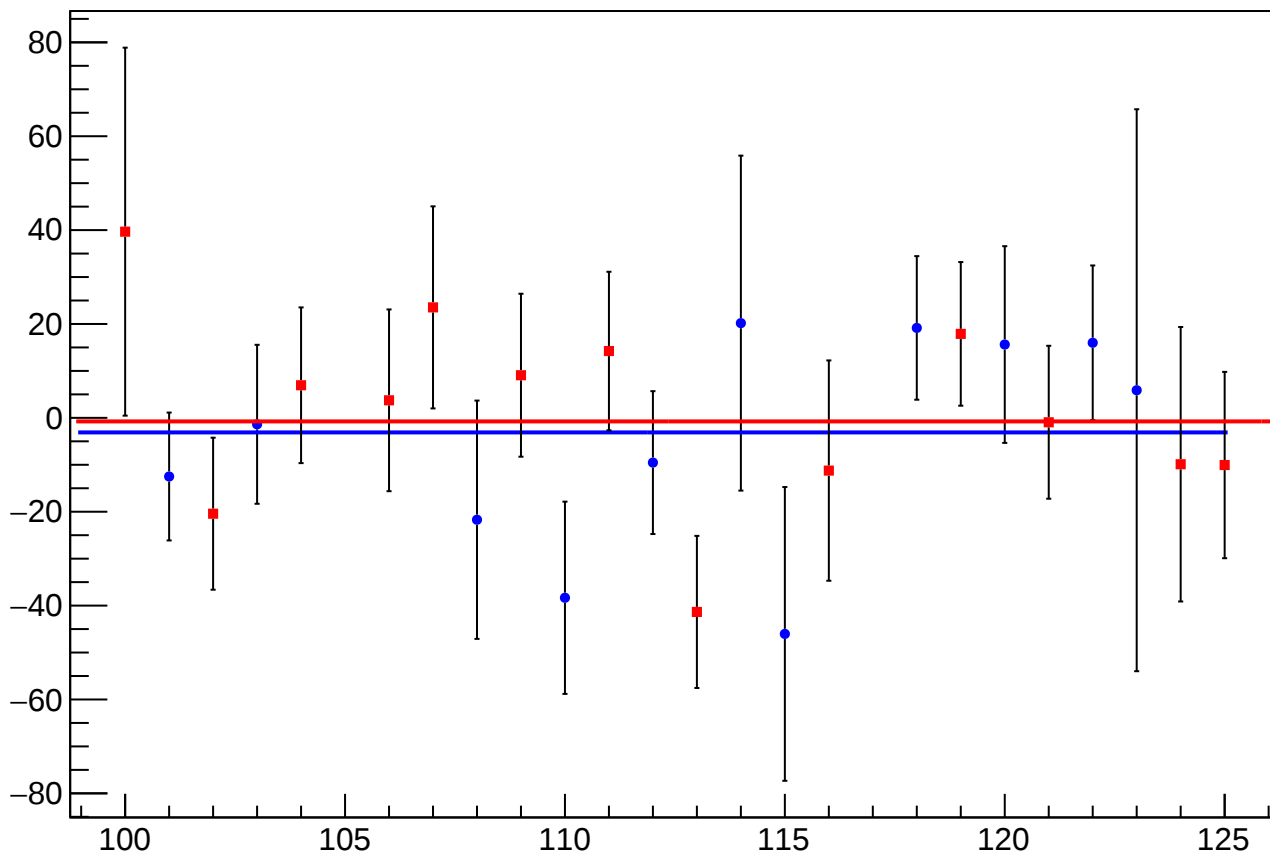
Right: 6667.815+/-1.786 χ^2/NDF : 2741359.6/23

In: 8578.287+/-3.191 χ^2/NDF : 317811.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6667.815+/-1.786 χ^2/NDF : 2741359.6/23

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -3.104 ± 5.826 χ^2/NDF : 10.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.757 ± 5.190 χ^2/NDF : 13.5/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

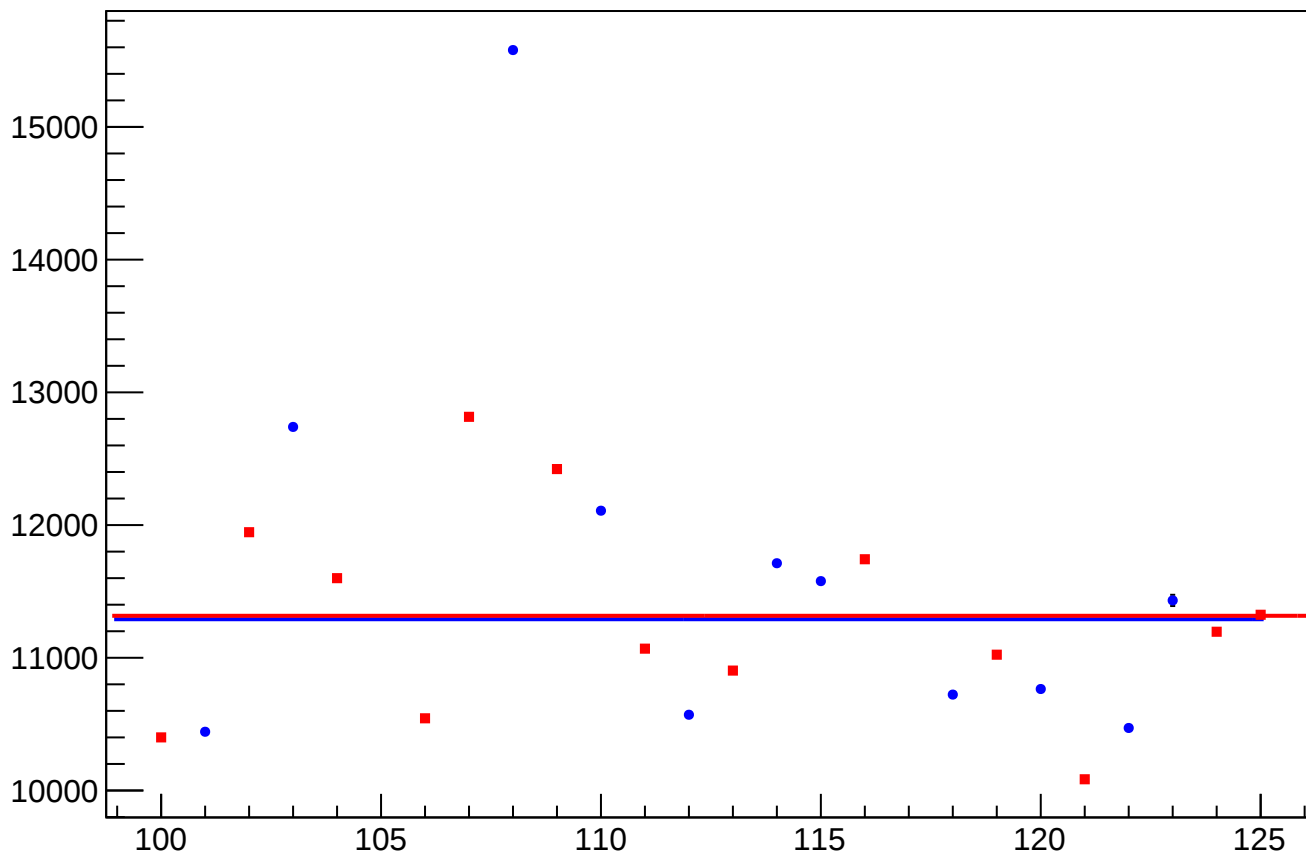
Right: -1.795 ± 3.876 χ^2/NDF : 24.3/23

In: -3.104 ± 5.826 χ^2/NDF : 10.8/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.795 ± 3.876 χ^2/NDF : 24.3/23

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11290.497+/-4.120 χ^2/NDF : 96571.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 11316.436+/-3.670 χ^2/NDF : 40292.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

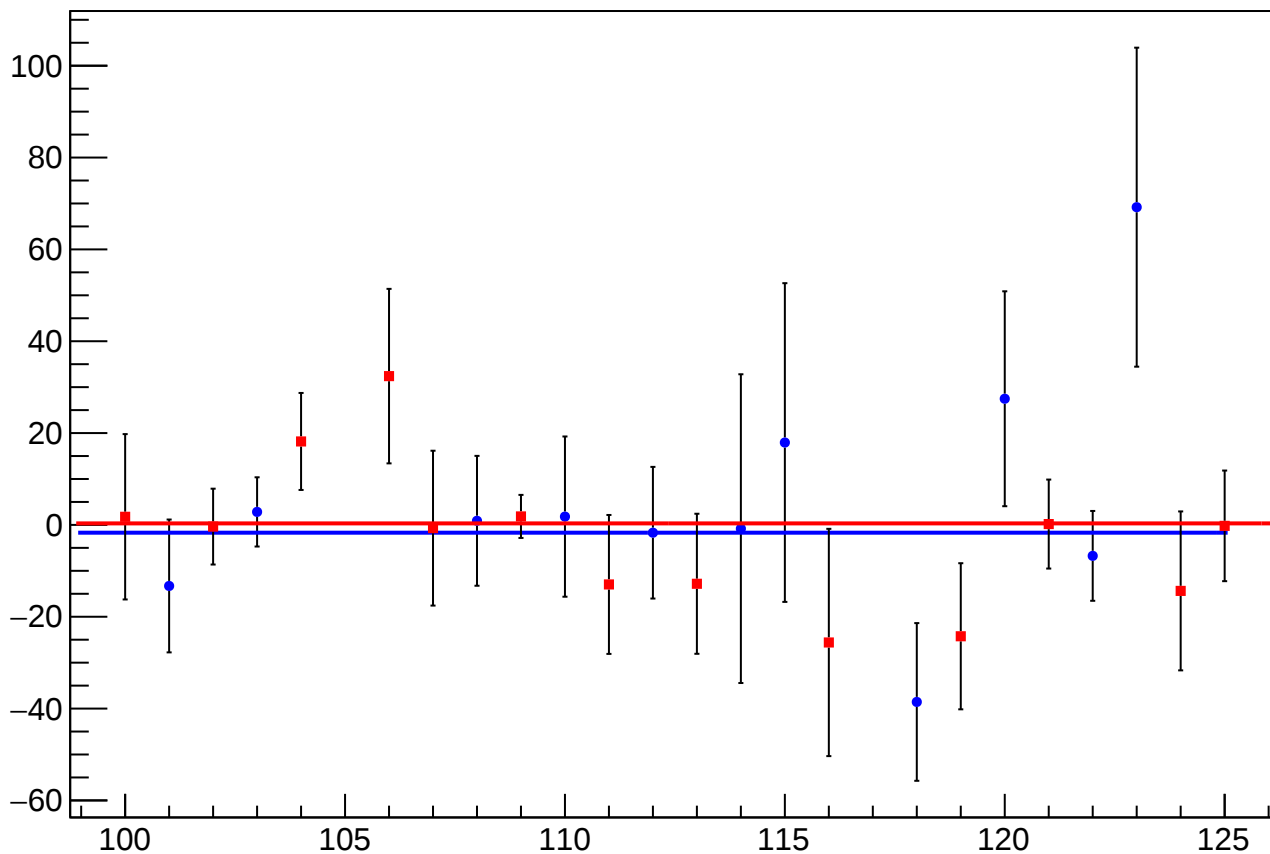
Right: 11304.959+/-2.740 χ^2/NDF : 136886.3/23

In: 11290.497+/-4.120 χ^2/NDF :96571.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 11304.959+/-2.740 χ^2/NDF : 136886.3/23

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -1.696 ± 4.314 $\chi^2/\text{NDF}: 12.0/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.329 ± 2.966 $\chi^2/\text{NDF}: 11.6/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

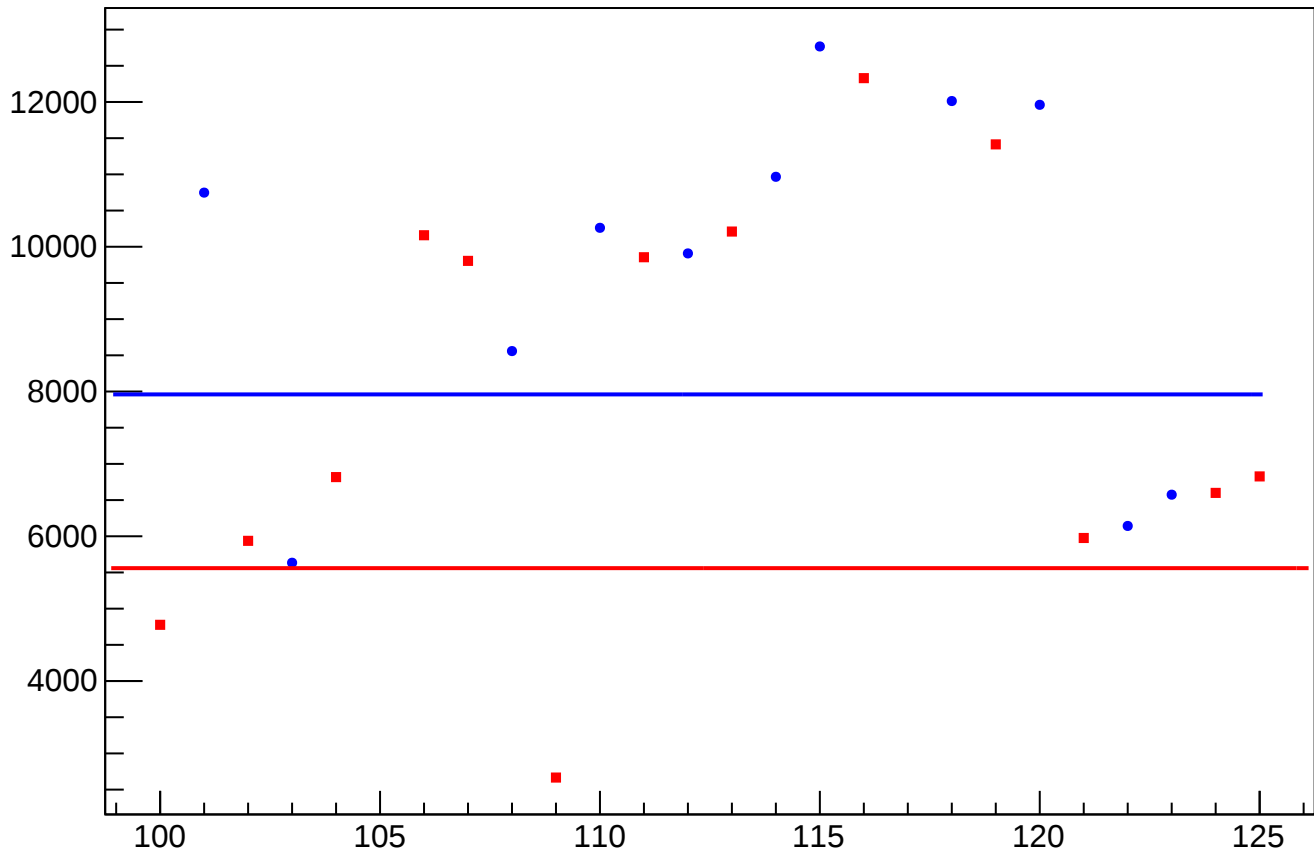
Right: -0.321 ± 2.444 $\chi^2/\text{NDF}: 23.7/23$

In: -1.696 ± 4.314 $\chi^2/\text{NDF}: 12.0/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.321 ± 2.444 $\chi^2/\text{NDF}: 23.7/23$

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 7960.044+/-3.050 χ^2/NDF : 636362.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5559.641+/-2.098 χ^2/NDF : 1842857.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

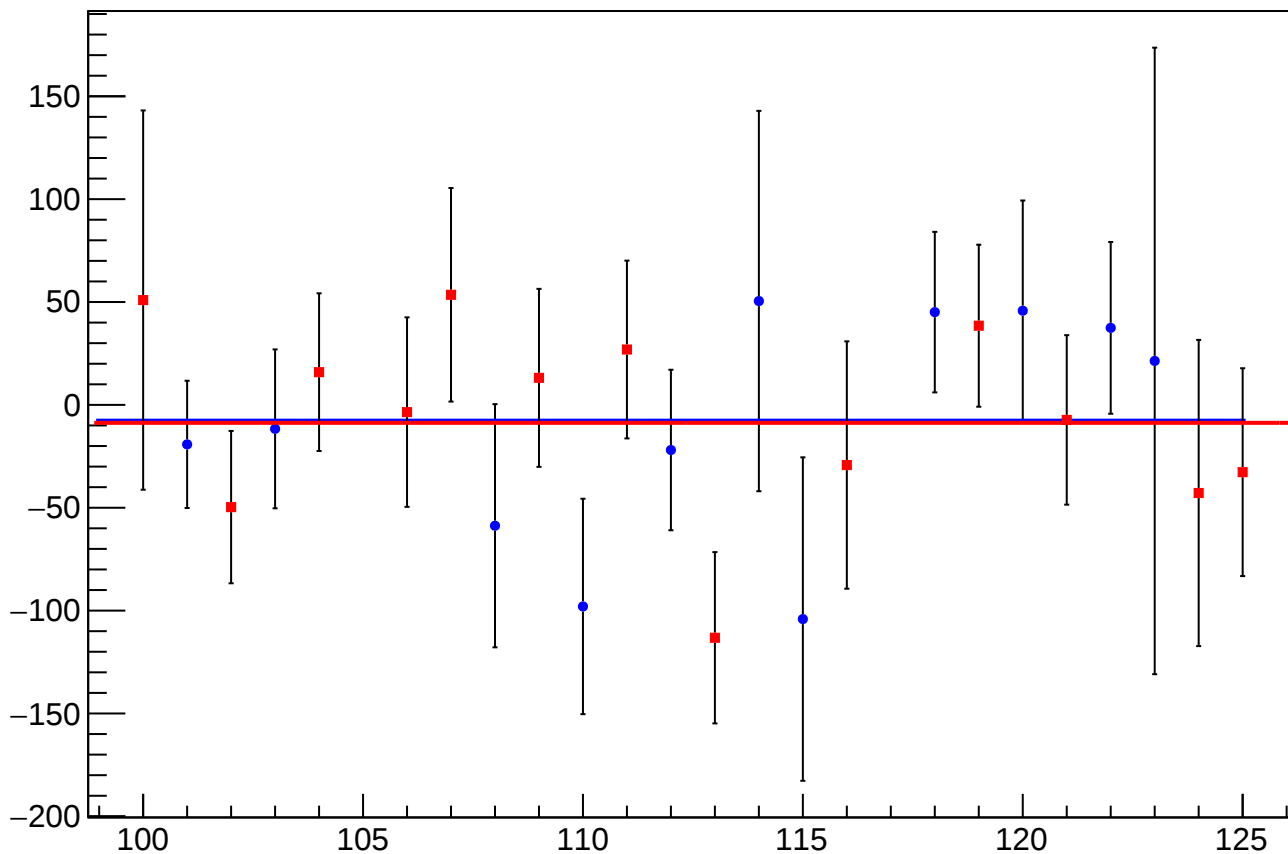
Right: 6330.305+/-1.728 χ^2/NDF : 2899648.7/23

In: 7960.044+/-3.050 χ^2/NDF : 636362.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6330.305+/-1.728 χ^2/NDF : 2899648.7/23

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -7.678+/-14.249 χ^2/NDF : 9.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.725+/-12.803 χ^2/NDF : 12.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

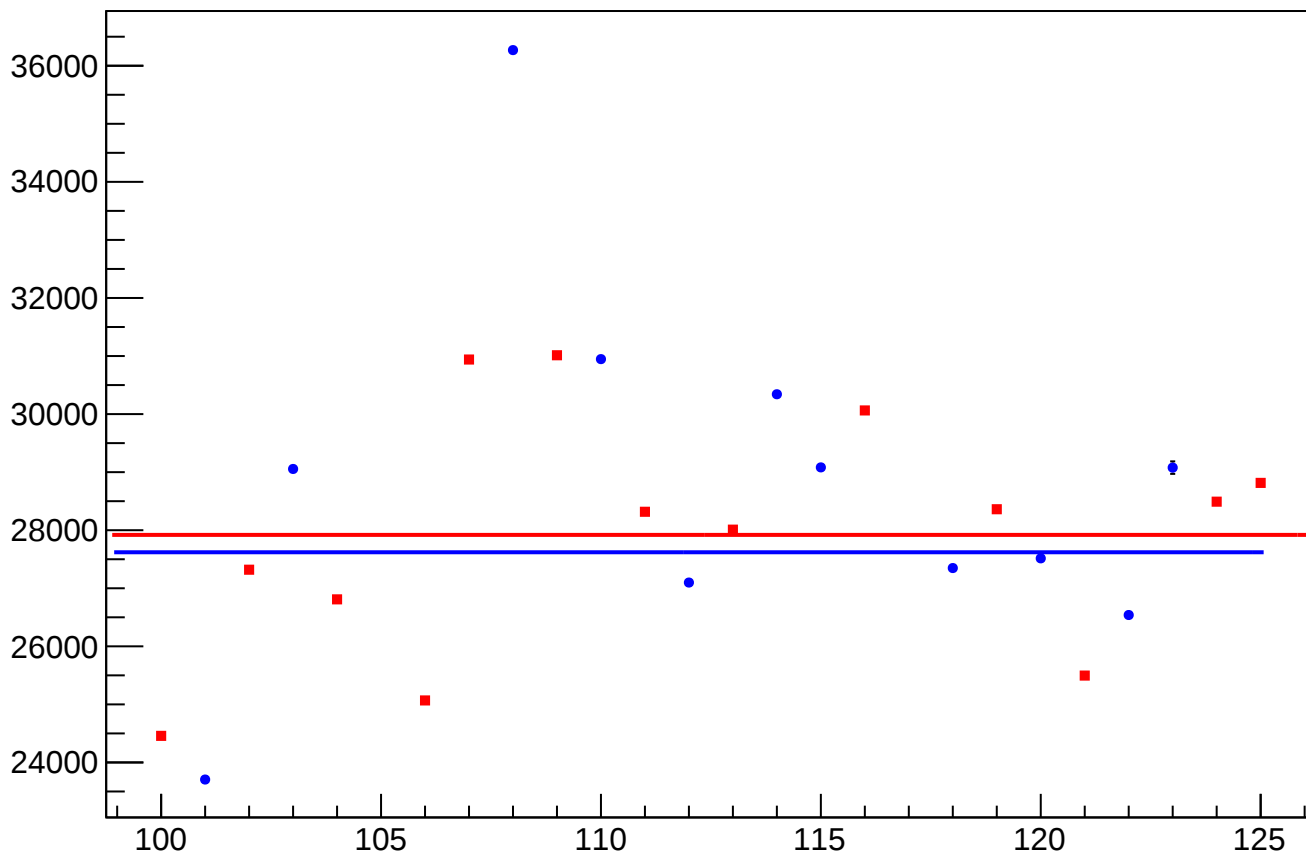
Right: -8.257+/-9.523 χ^2/NDF : 22.7/23

In: -7.678+/-14.249 χ^2/NDF : 9.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.257+/-9.523 χ^2/NDF : 22.7/23

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 27620.154+/-10.075 χ^2/NDF : 90114.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27919.424+/-9.053 χ^2/NDF : 40334.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

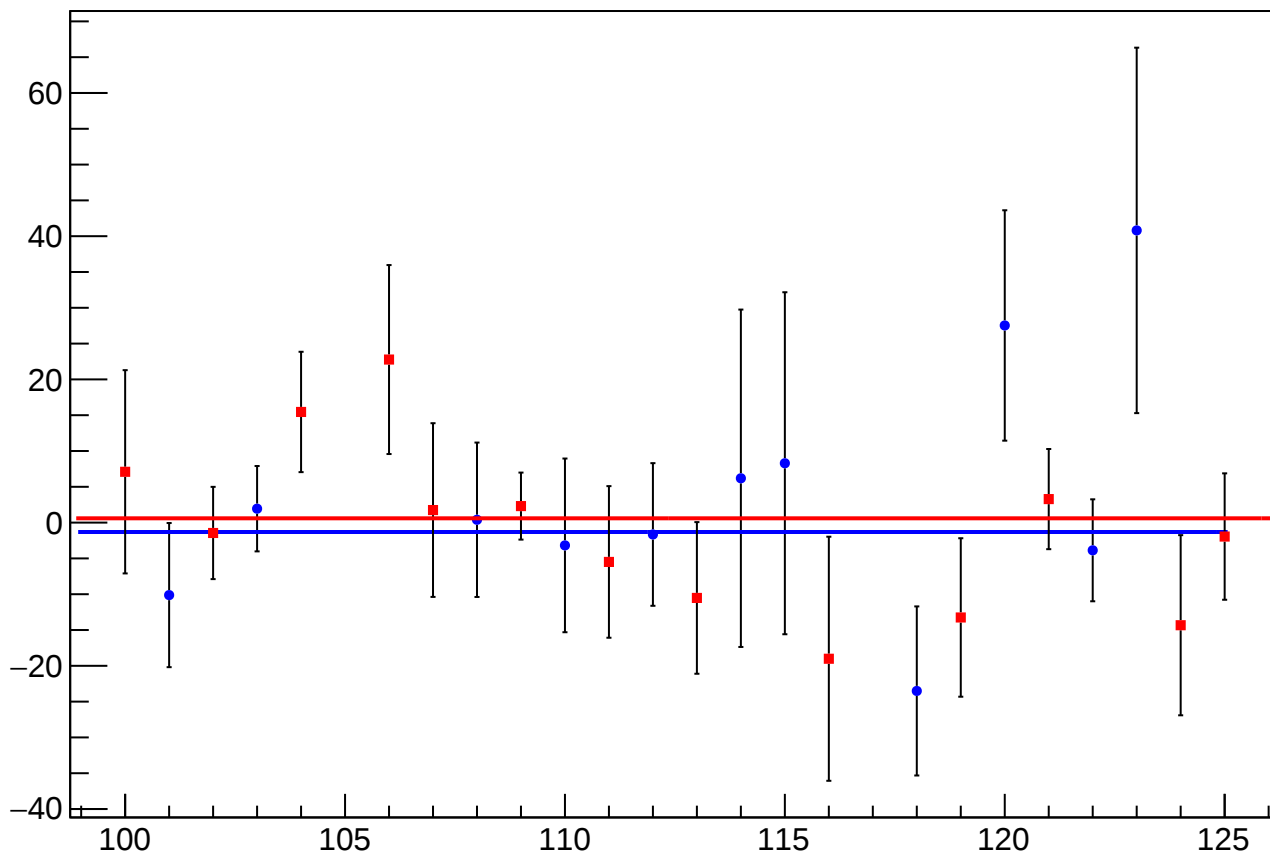
Right: 27785.743+/-6.734 χ^2/NDF : 130936.5/23

In: 27620.154+/-10.075 χ^2/NDF : 90114.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27785.743+/-6.734 χ^2/NDF : 130936.5/23

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -1.313+/-3.173 χ^2/NDF : 11.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.600+/-2.422 χ^2/NDF : 12.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

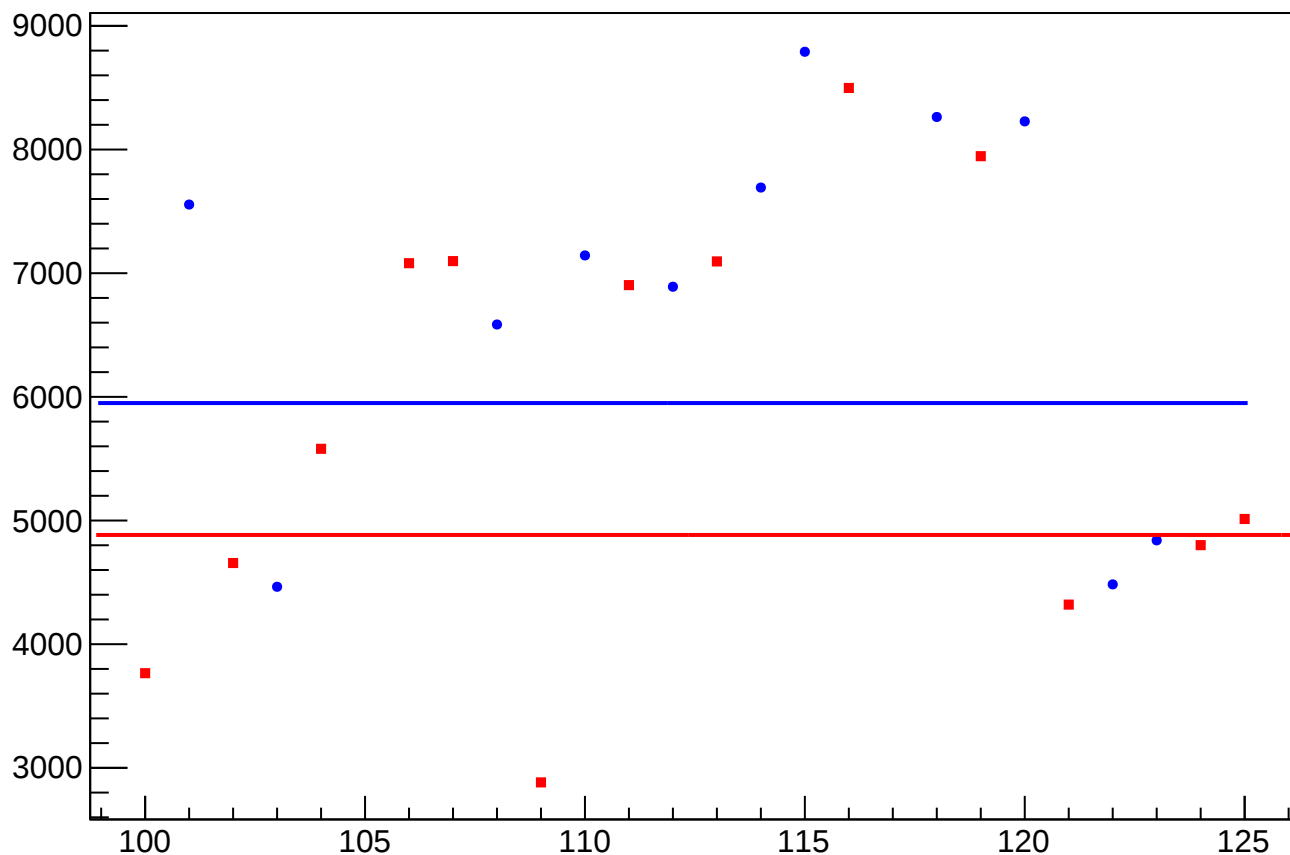
Right: -0.104+/-1.925 χ^2/NDF : 23.6/23

In: -1.313+/-3.173 χ^2/NDF : 11.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.104+/-1.925 χ^2/NDF : 23.6/23

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5949.895+/-2.243 χ^2/NDF : 463946.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4883.282+/-1.713 χ^2/NDF : 933050.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

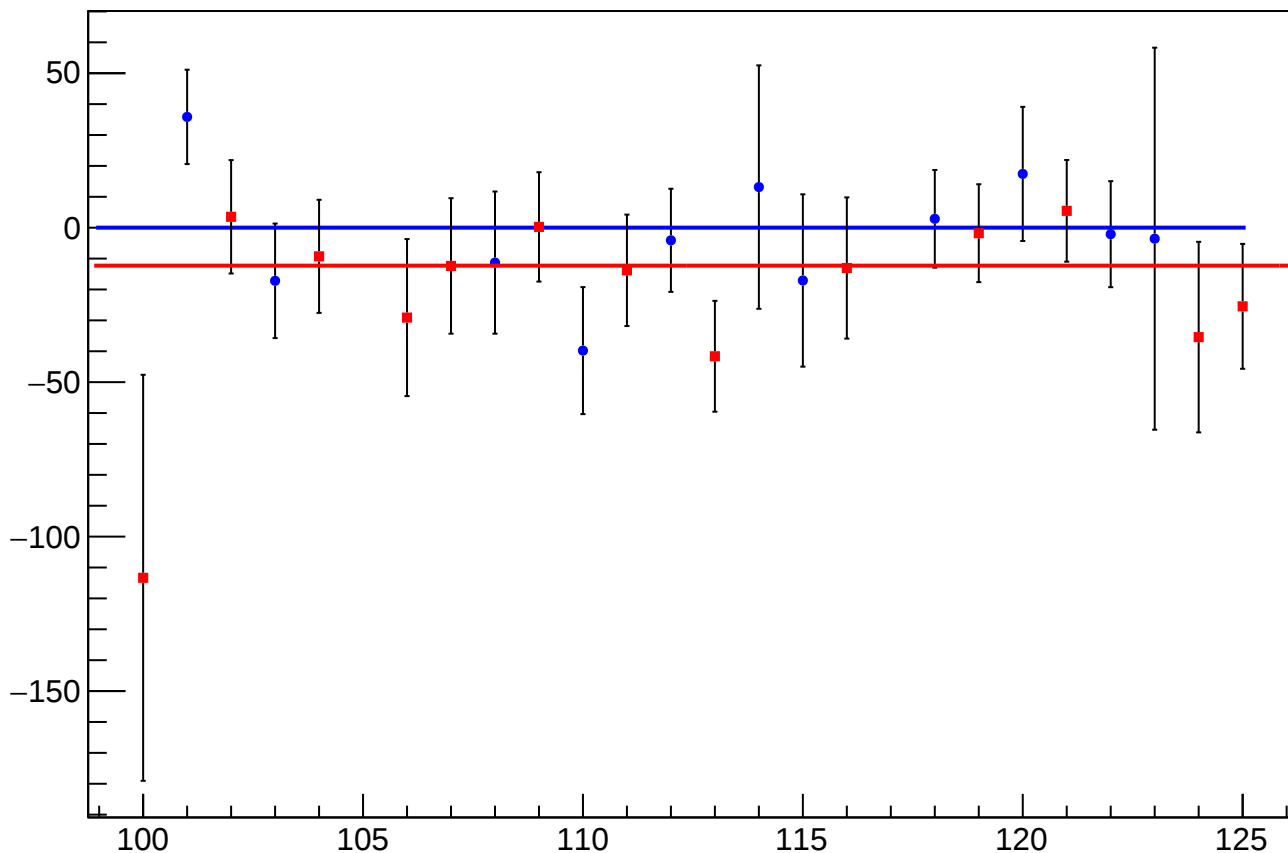
Right: 5276.020+/-1.361 χ^2/NDF : 1539803.3/23

In: 5949.895+/-2.243 χ^2/NDF : 463946.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5276.020+/-1.361 χ^2/NDF : 1539803.3/23

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 0.012 ± 6.114 χ^2/NDF : 11.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -12.291 ± 5.566 χ^2/NDF : 9.3/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

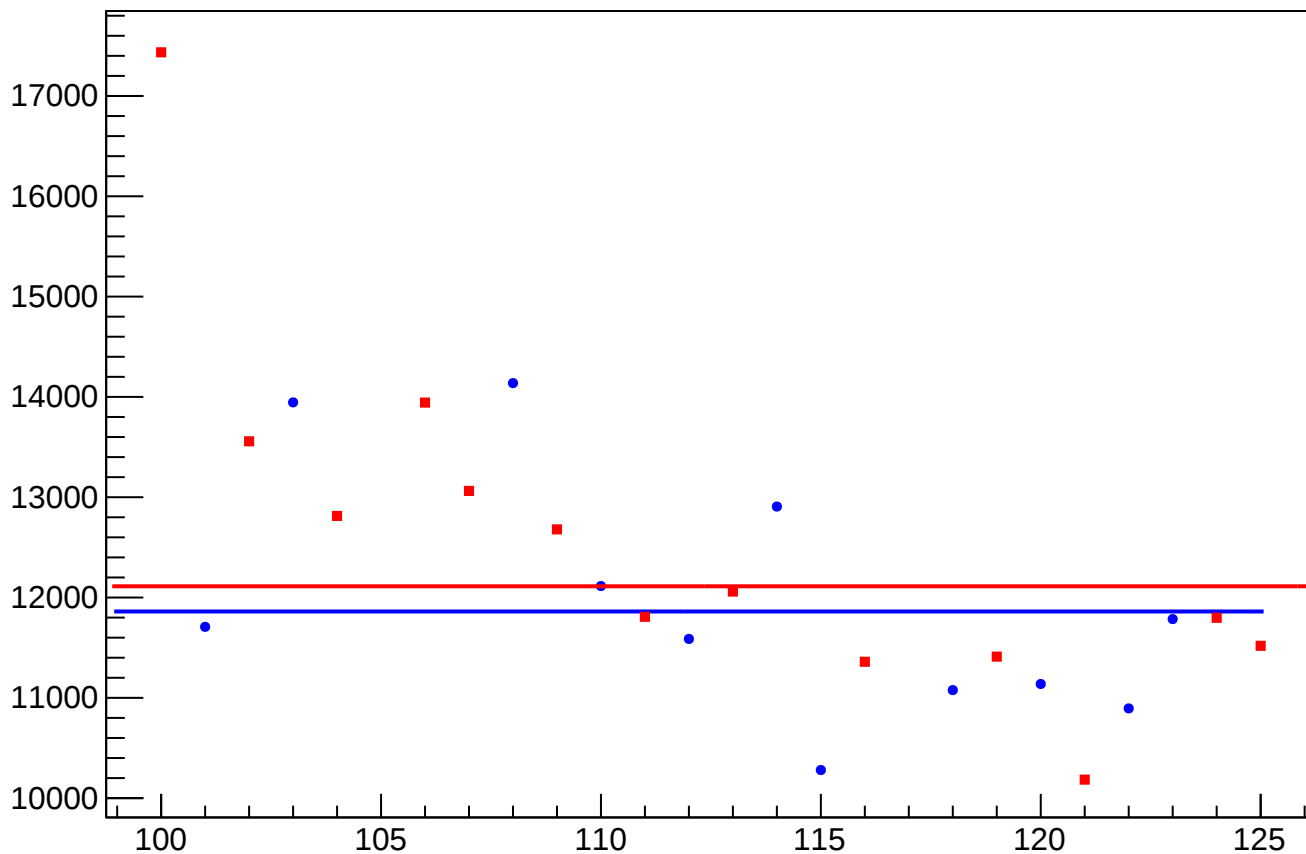
Right: -6.715 ± 4.116 χ^2/NDF : 23.2/23

In: 0.012 ± 6.114 χ^2/NDF : 11.6/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.715 ± 4.116 χ^2/NDF : 23.2/23

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 11860.948+/-4.323 χ^2/NDF : 67230.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12112.200+/-3.936 χ^2/NDF : 80705.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

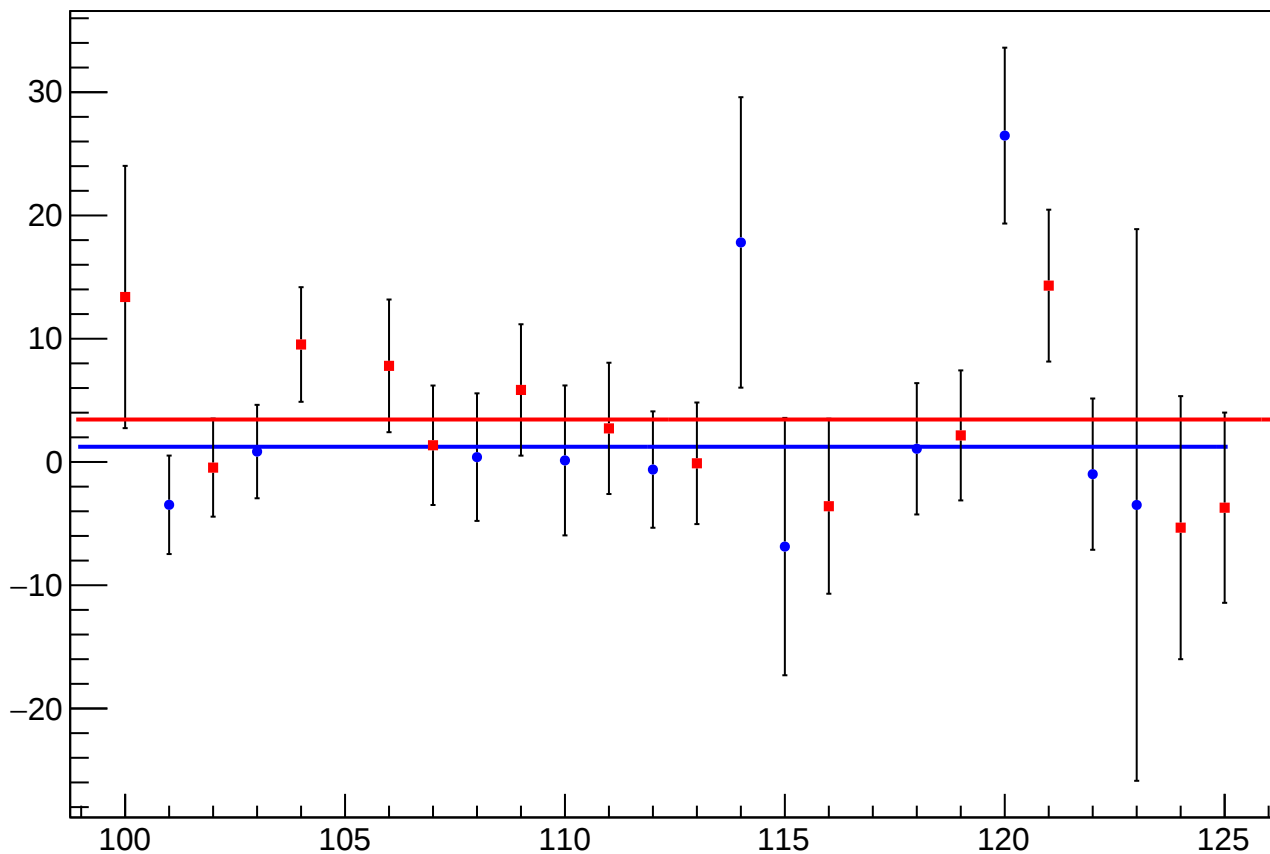
Right: 11998.326+/-2.910 χ^2/NDF : 149783.2/23

In: 11860.948+/-4.323 χ^2/NDF : 67230.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11998.326+/-2.910 χ^2/NDF : 149783.2/23

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 1.235+/-1.712 χ^2/NDF : 16.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.446+/-1.553 χ^2/NDF : 10.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

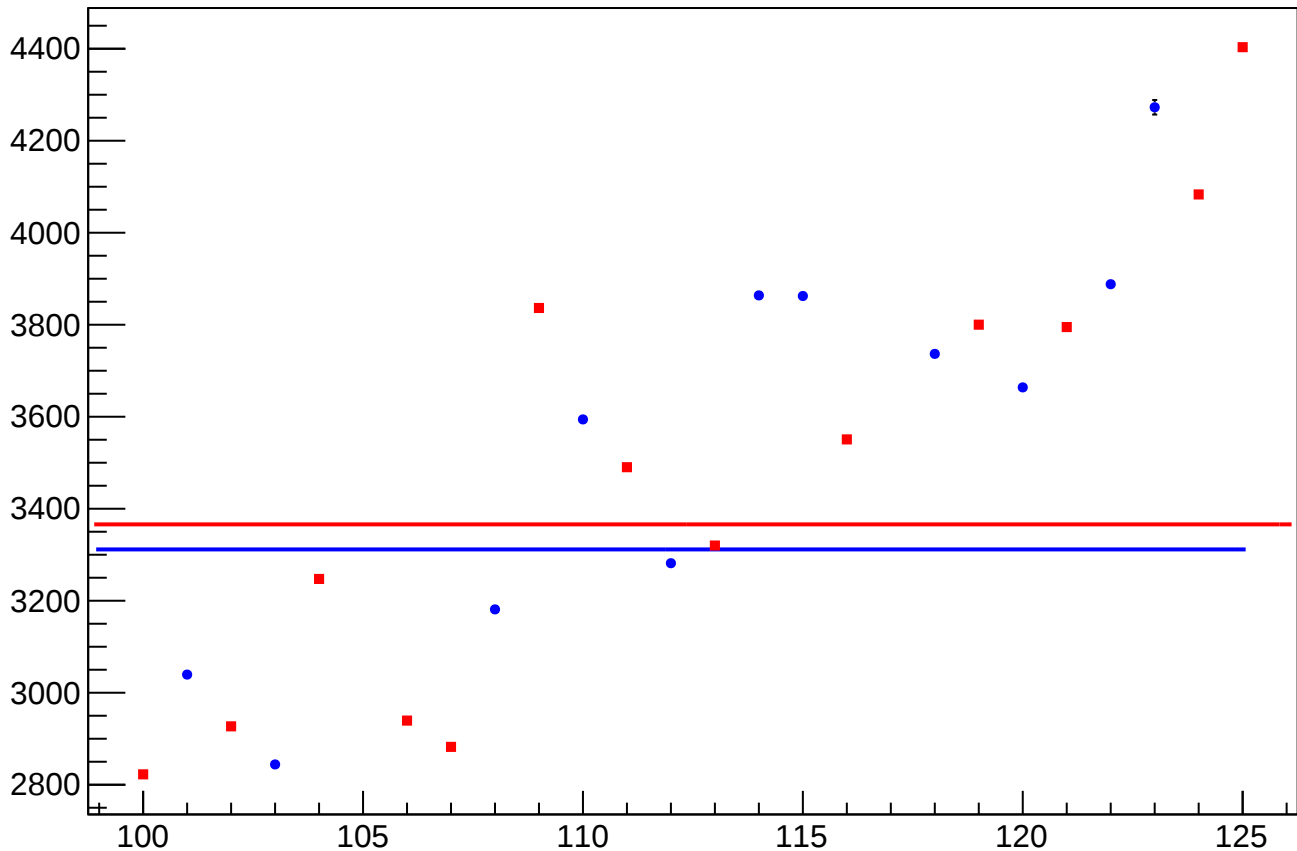
Right: 2.448+/-1.150 χ^2/NDF : 28.6/23

In: 1.235+/-1.712 χ^2/NDF : 16.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.448+/-1.150 χ^2/NDF : 28.6/23

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3311.546+/-1.210 χ^2/NDF : 94273.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3365.993+/-1.098 χ^2/NDF : 149968.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

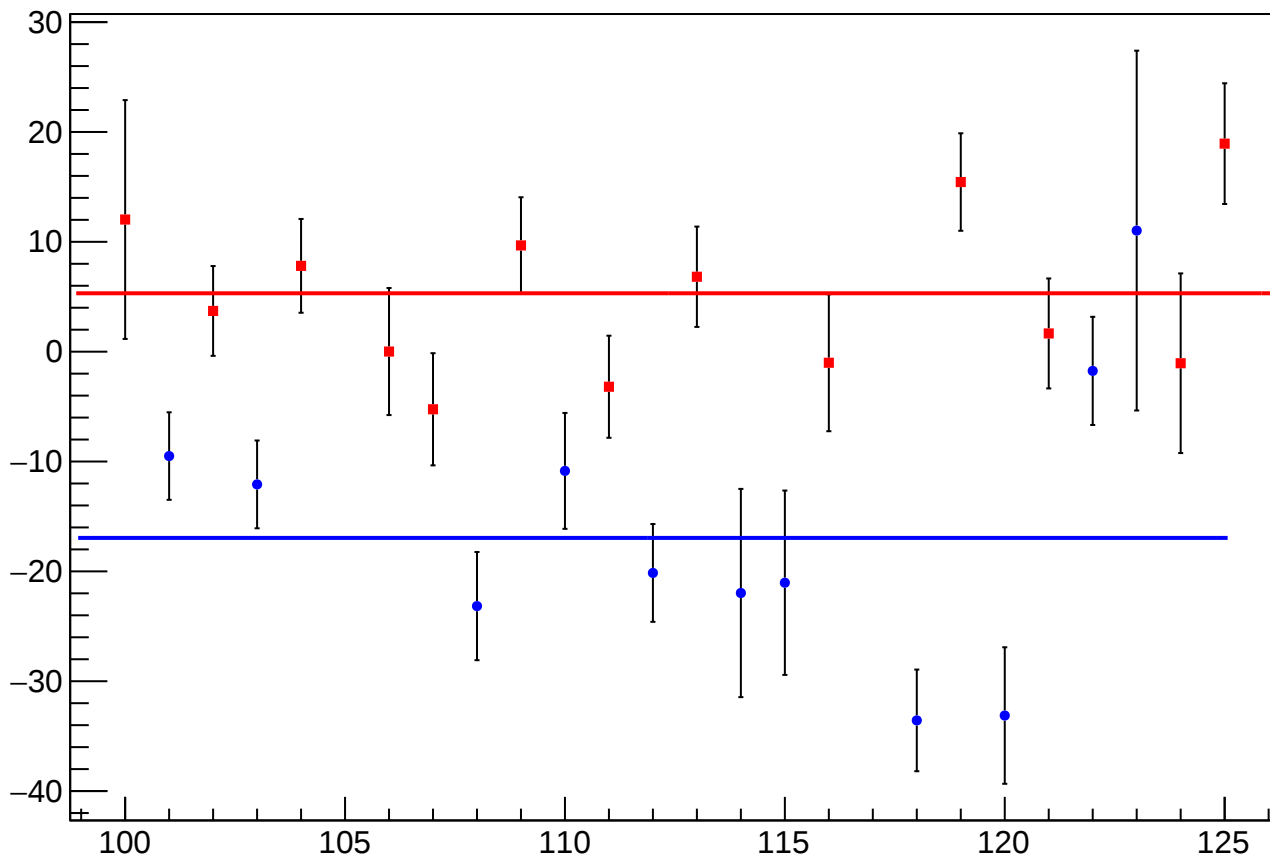
Right: 3341.409+/-0.813 χ^2/NDF : 245351.8/23

In: 3311.546+/-1.210 χ^2/NDF : 94273.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3341.409+/-0.813 χ^2/NDF : 245351.8/23

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -16.953+/-1.589 χ^2/NDF : 41.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.316+/-1.411 χ^2/NDF : 24.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

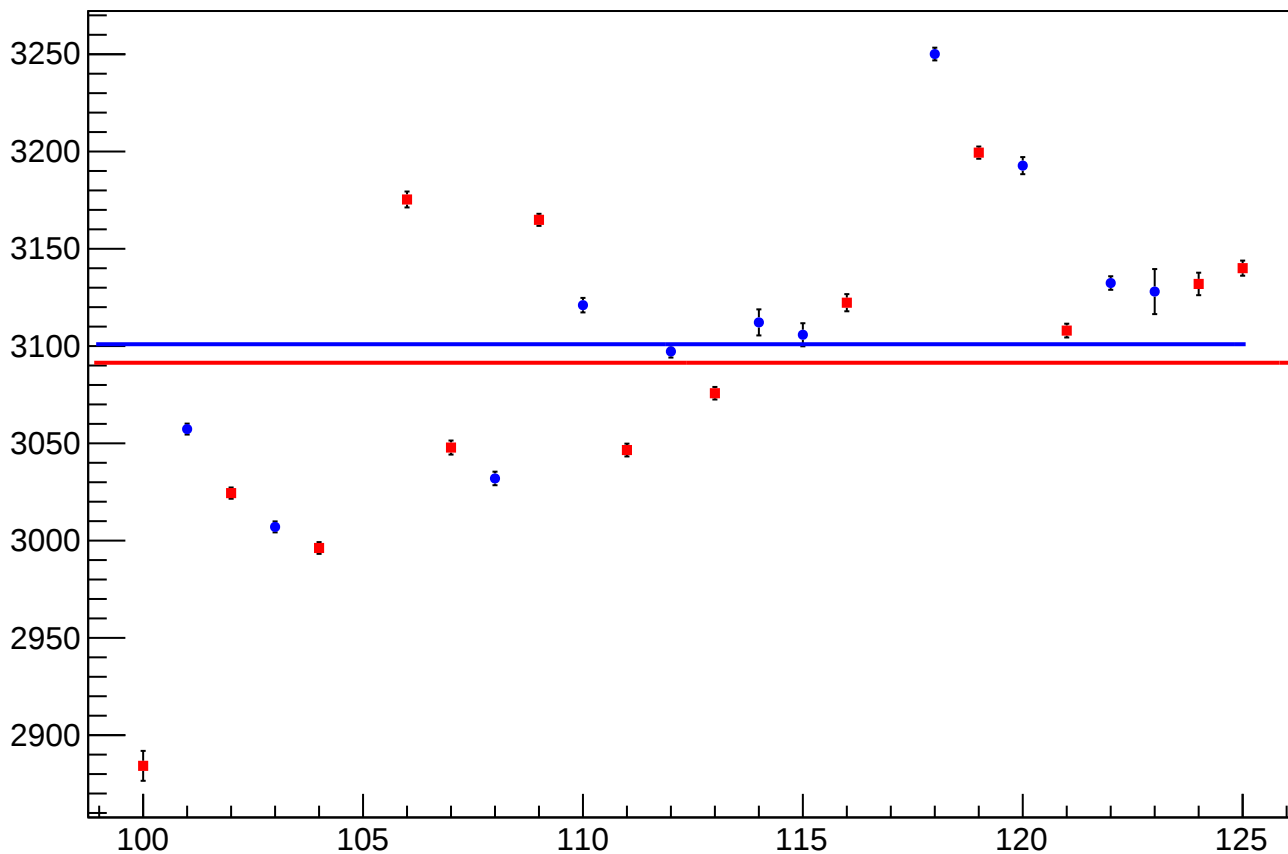
Right: -4.503+/-1.055 χ^2/NDF : 174.8/23

In: -16.953+/-1.589 χ^2/NDF : 41.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.503+/-1.055 χ^2/NDF : 174.8/23

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3100.944+/-1.124 χ^2/NDF : 4371.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3091.421+/-0.998 χ^2/NDF : 5058.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

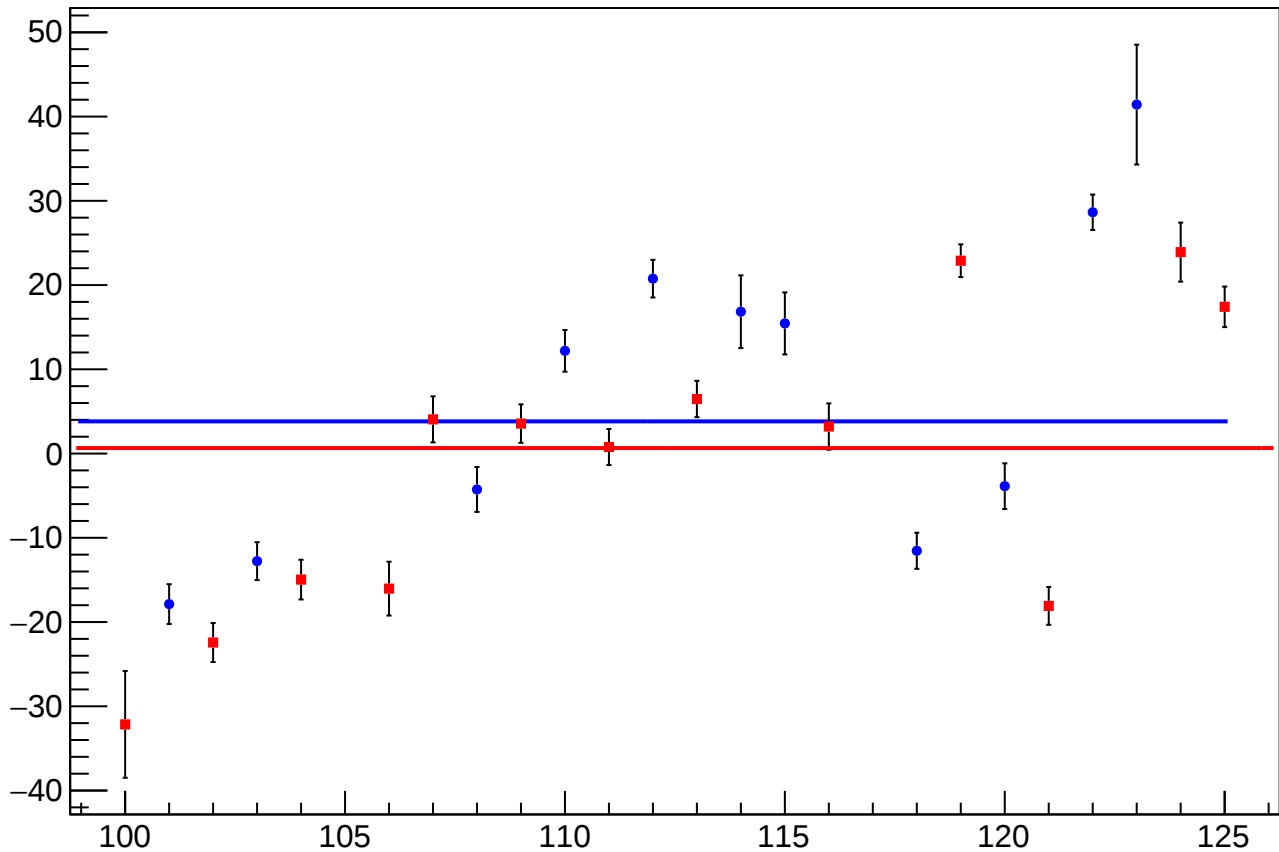
Right: 3095.620+/-0.746 χ^2/NDF : 9470.5/23

In: 3100.944+/-1.124 χ^2/NDF :4371.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3095.620+/-0.746 χ^2/NDF : 9470.5/23

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 3.819+/-0.788 χ^2/NDF : 463.1/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.652+/-0.690 χ^2/NDF : 501.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

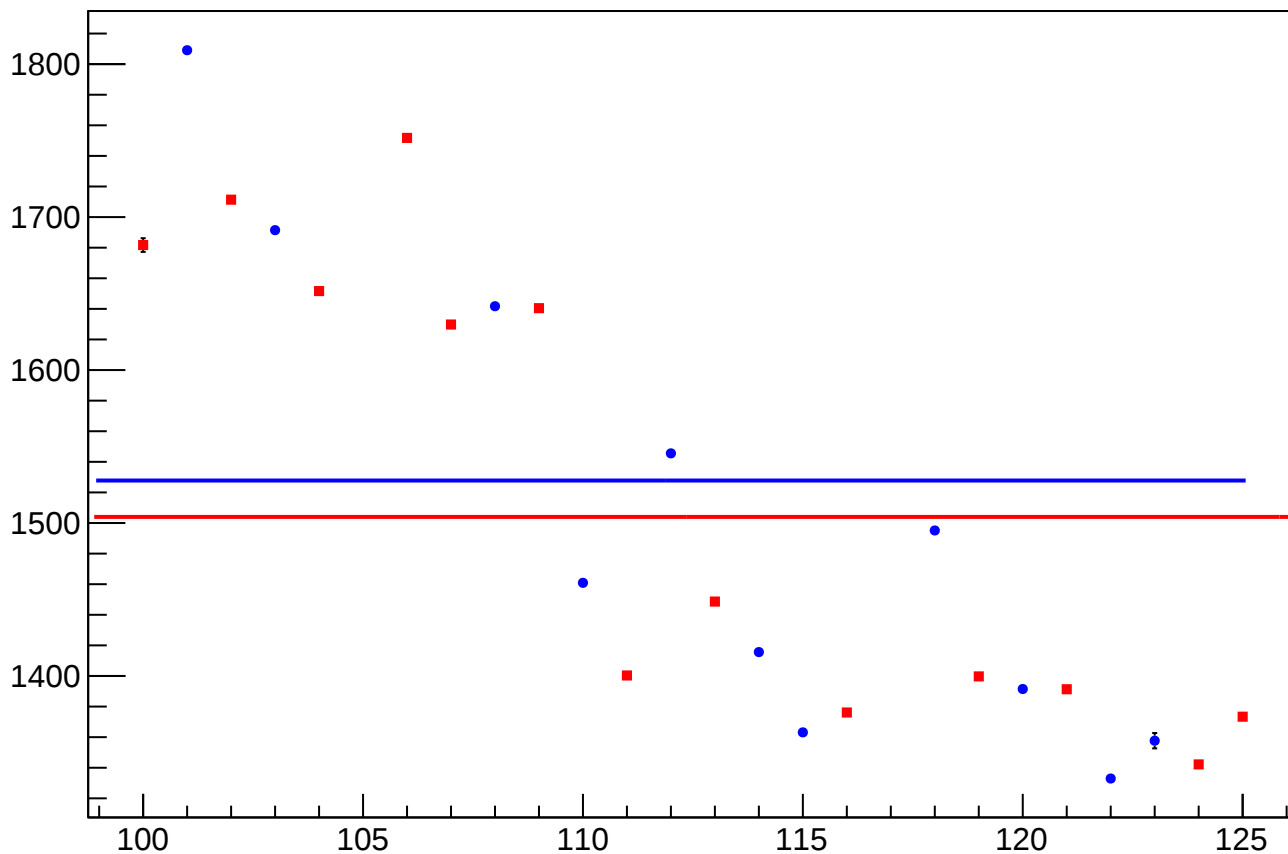
Right: 2.027+/-0.519 χ^2/NDF : 974.1/23

In: 3.819+/-0.788 χ^2/NDF :463.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2.027+/-0.519 χ^2/NDF : 974.1/23

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1527.779+/-0.557 χ^2/NDF : 73431.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1503.993+/-0.488 χ^2/NDF : 80202.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

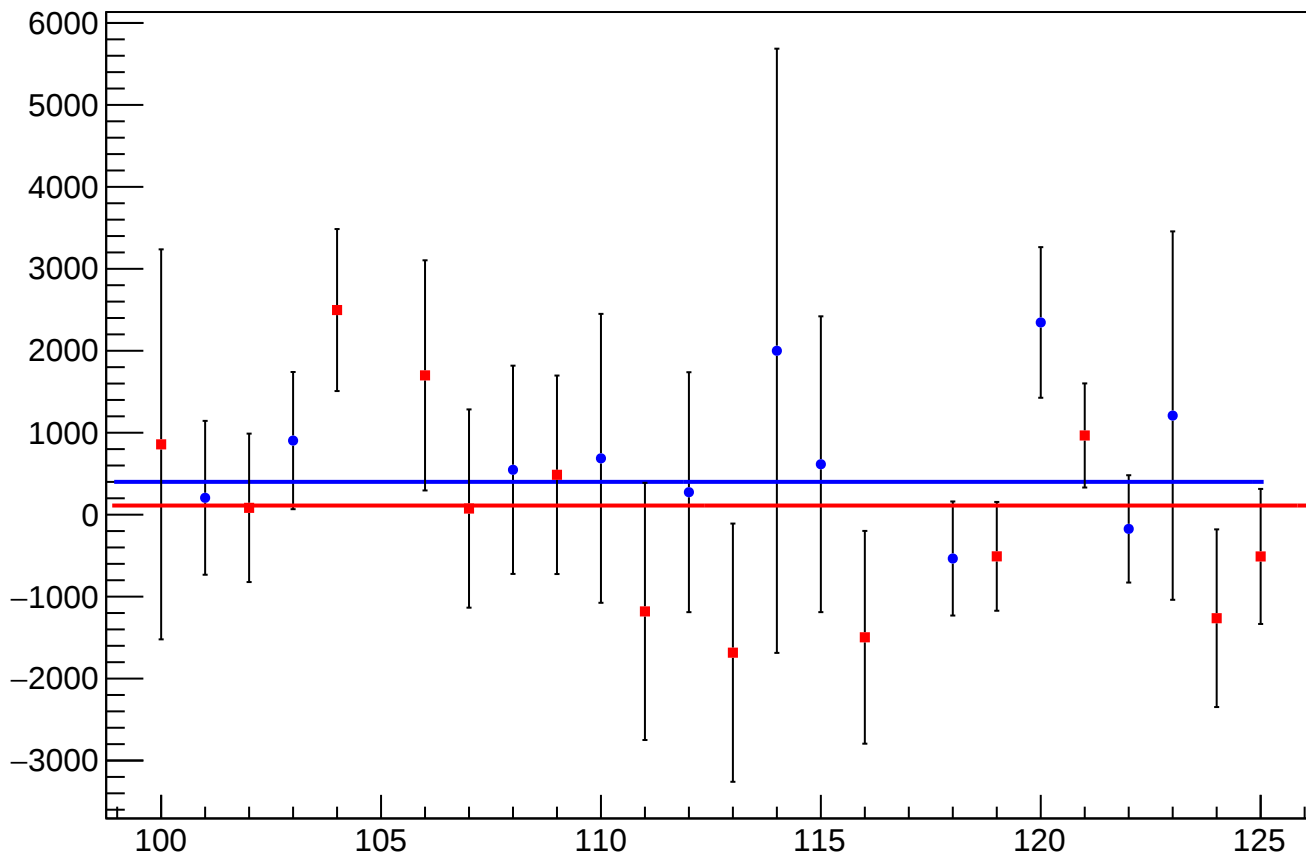
Right: 1514.316+/-0.367 χ^2/NDF : 154664.5/23

In: 1527.779+/-0.557 χ^2/NDF : 73431.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1514.316+/-0.367 χ^2/NDF : 154664.5/23

asym_sam1_mean vs Slug, Sign Corrected



Right In: 400.491+/-314.201 χ^2/NDF : 7.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.558+/-279.880 χ^2/NDF : 15.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

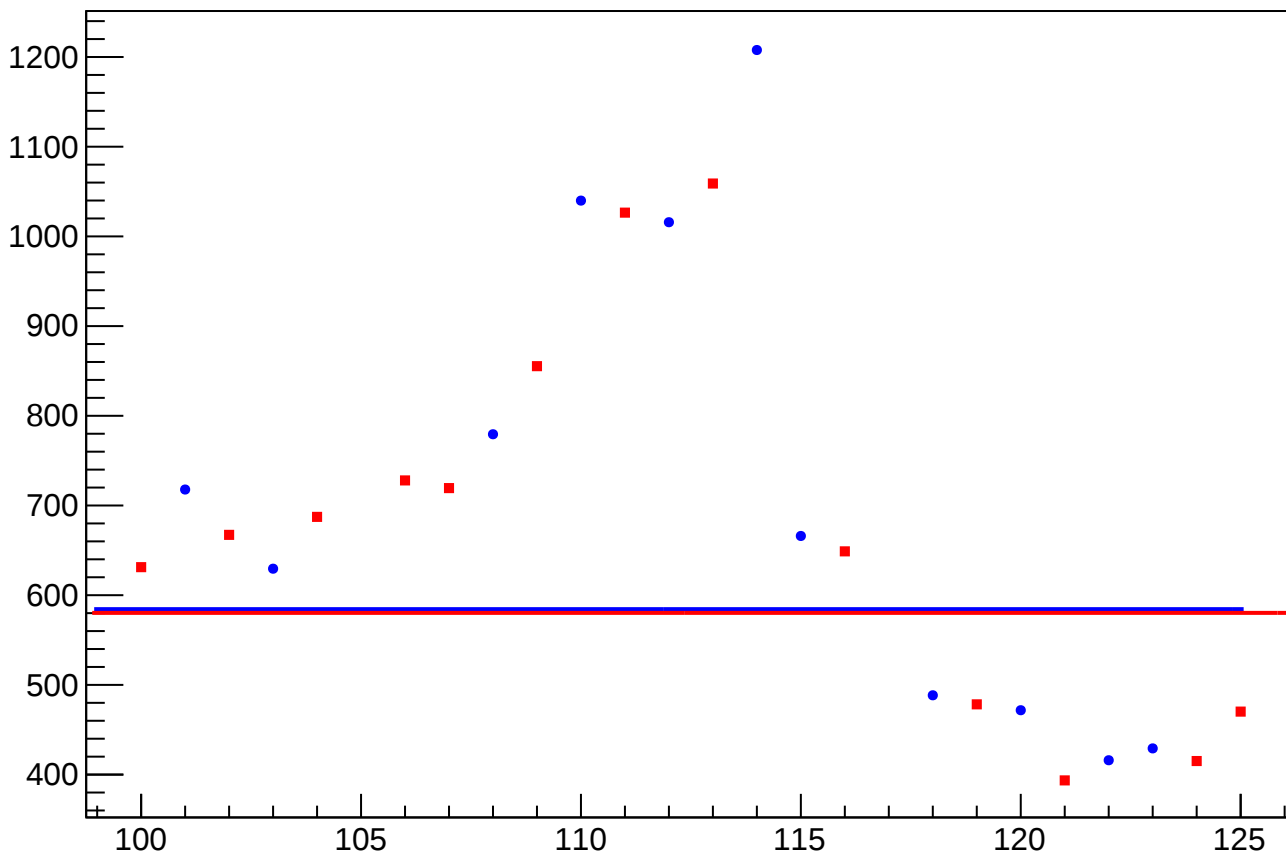
Right: 239.388+/-208.990 χ^2/NDF : 24.0/23

In: 400.491+/-314.201 χ^2/NDF : 7.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 239.388+/-208.990 χ^2/NDF : 24.0/23

asym_sam1_rms vs Slug, Sign Corrected



Right In: 584.450+/-0.222 χ^2/NDF : 671758.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 580.287+/-0.198 χ^2/NDF : 848678.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

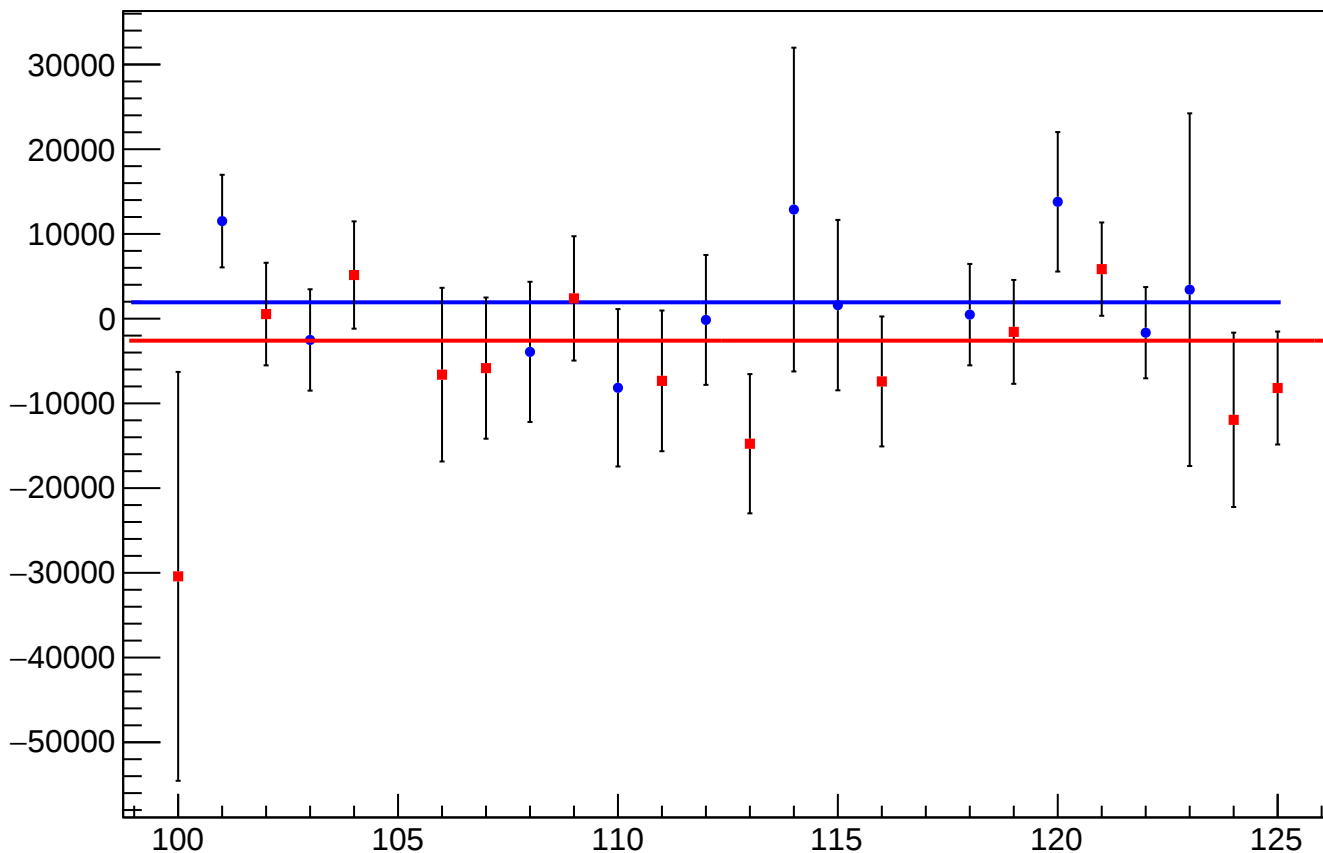
Right: 582.129+/-0.148 χ^2/NDF : 1520633.2/23

In: 584.450+/-0.222 χ^2/NDF : 671758.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 582.129+/-0.148 χ^2/NDF : 1520633.2/23

asym_sam2_mean vs Slug, Sign Corrected



Right In: 1930.337+/-2254.485 χ^2/NDF : 8.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2597.043+/-2066.178 χ^2/NDF : 10.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

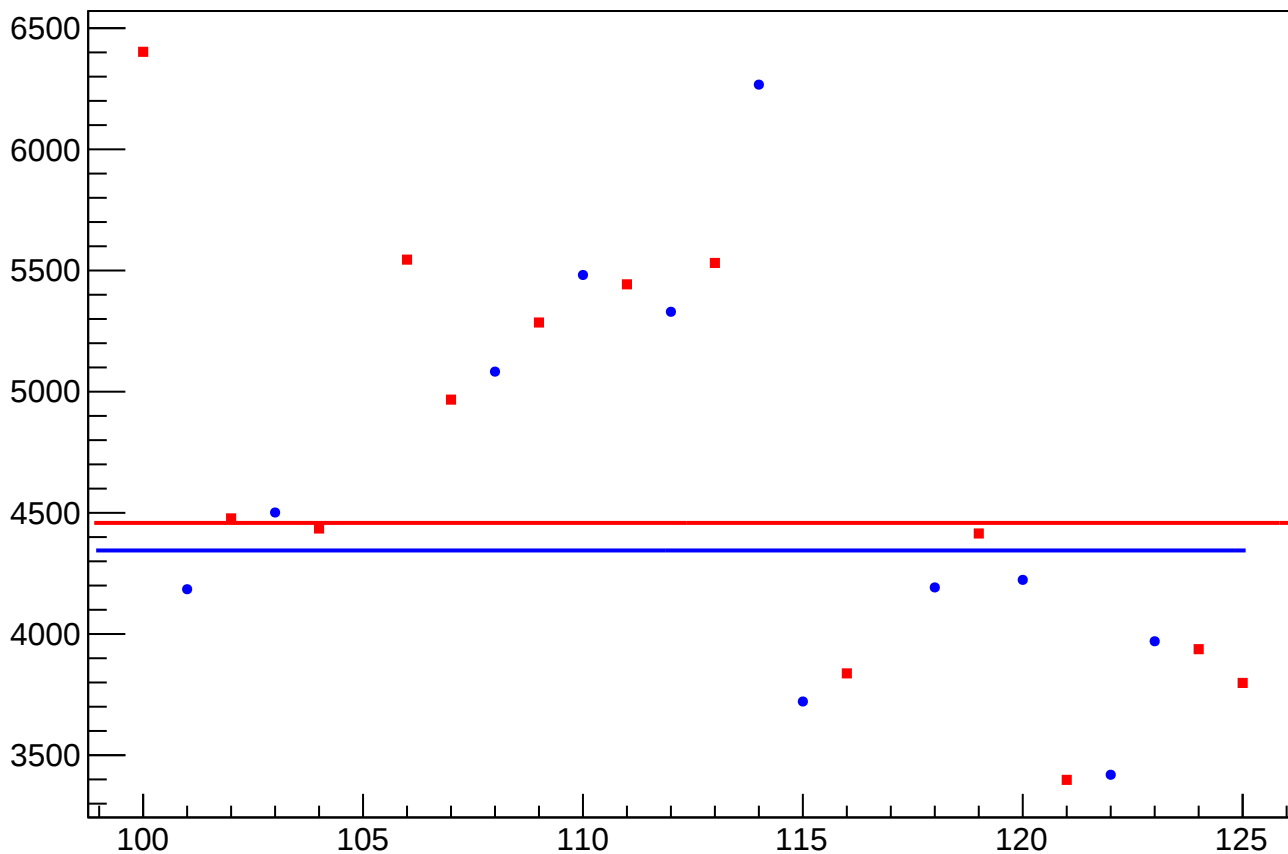
Right: -530.294+/-1523.238 χ^2/NDF : 21.2/23

In: 1930.337+/-2254.485 χ^2/NDF : 8.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -530.294+/-1523.238 χ^2/NDF : 21.2/23

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4344.760+/-1.594 χ^2/NDF : 171396.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4458.446+/-1.461 χ^2/NDF : 242610.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

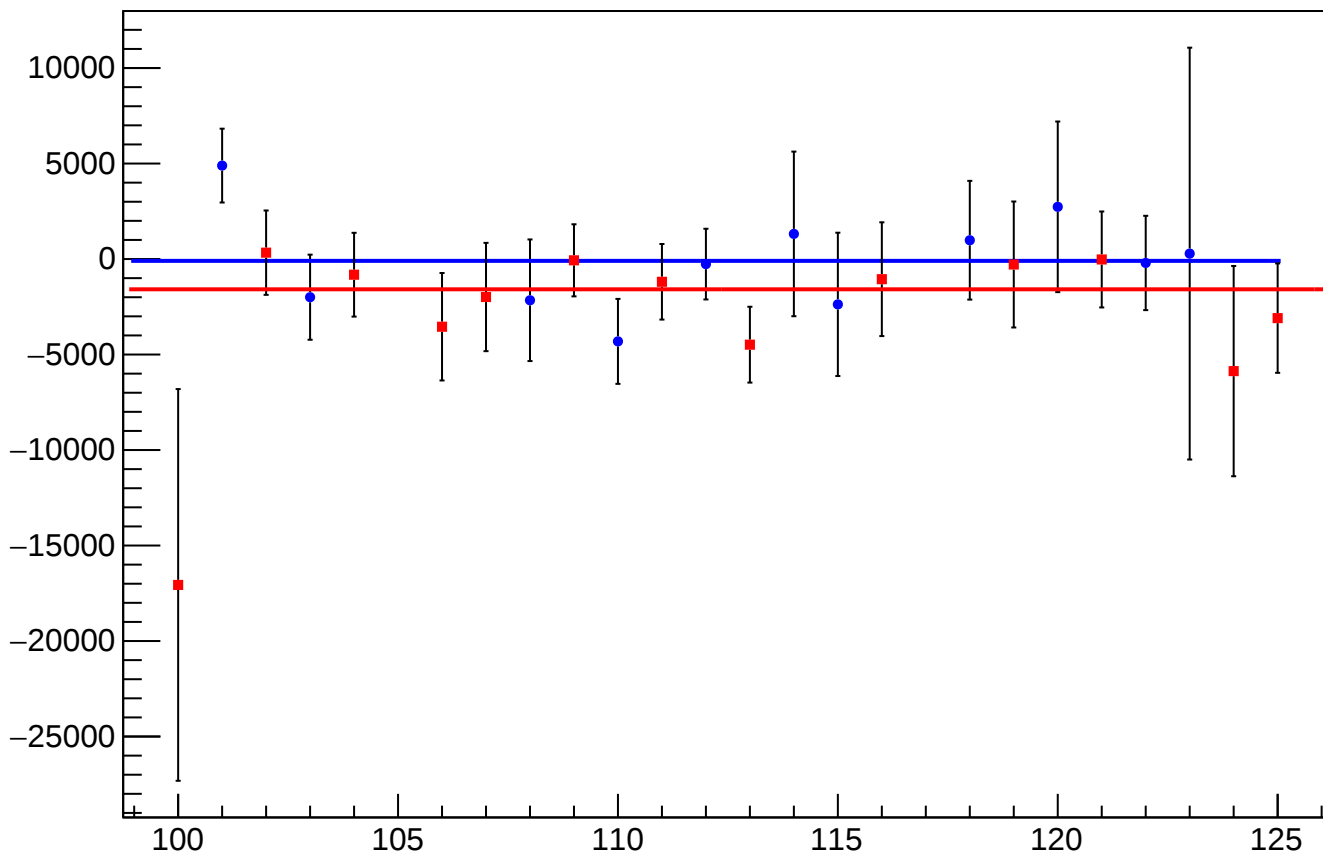
Right: 4406.548+/-1.077 χ^2/NDF : 416770.9/23

In: 4344.760+/-1.594 χ^2/NDF : 171396.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4406.548+/-1.077 χ^2/NDF : 416770.9/23

asym_sam3_mean vs Slug, Sign Corrected



Right In: -95.591+/-812.931 χ^2/NDF : 12.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1584.711+/-710.462 χ^2/NDF : 7.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

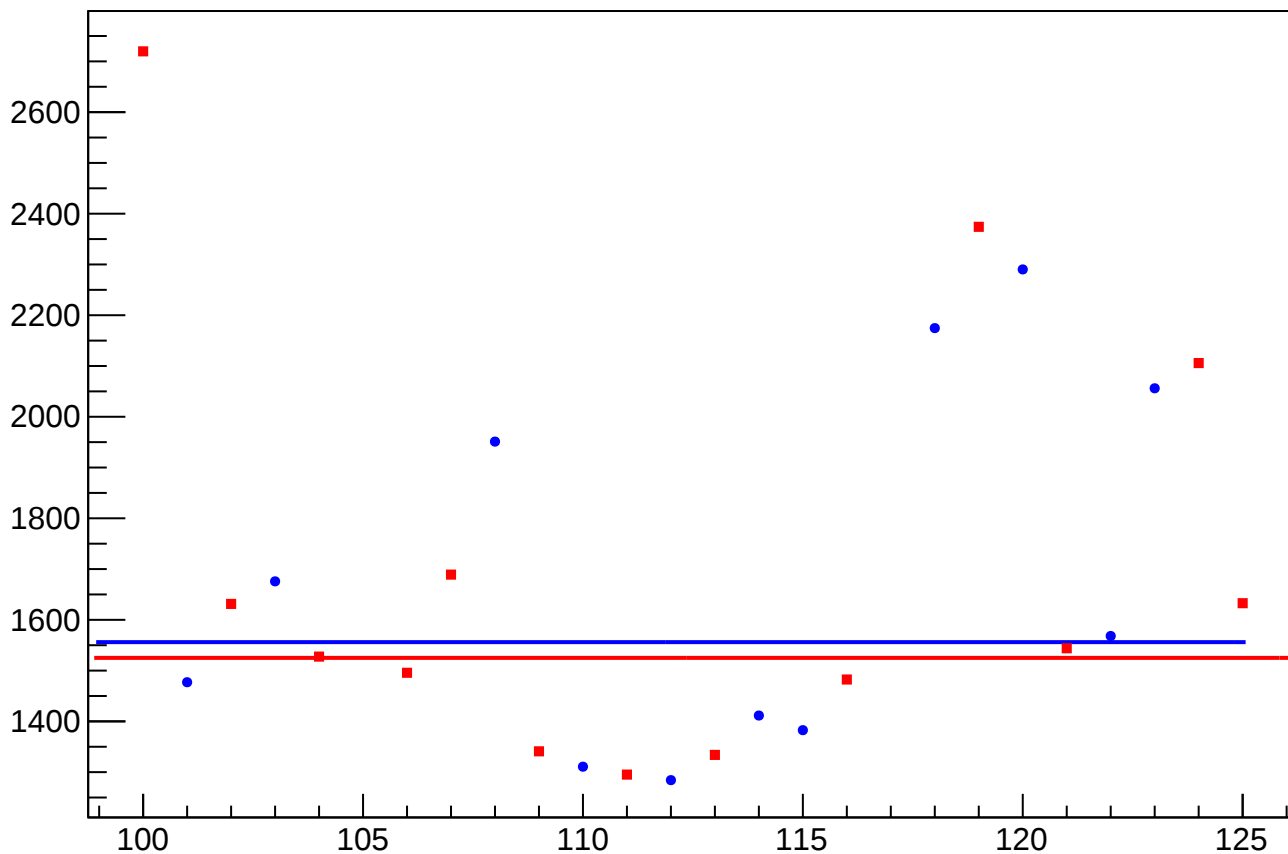
Right: -939.864+/-534.955 χ^2/NDF : 22.2/23

In: -95.591+/-812.931 χ^2/NDF : 12.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -939.864+/-534.955 χ^2/NDF : 22.2/23

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1556.065+/-0.575 χ^2/NDF : 251483.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1525.079+/-0.502 χ^2/NDF : 261432.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

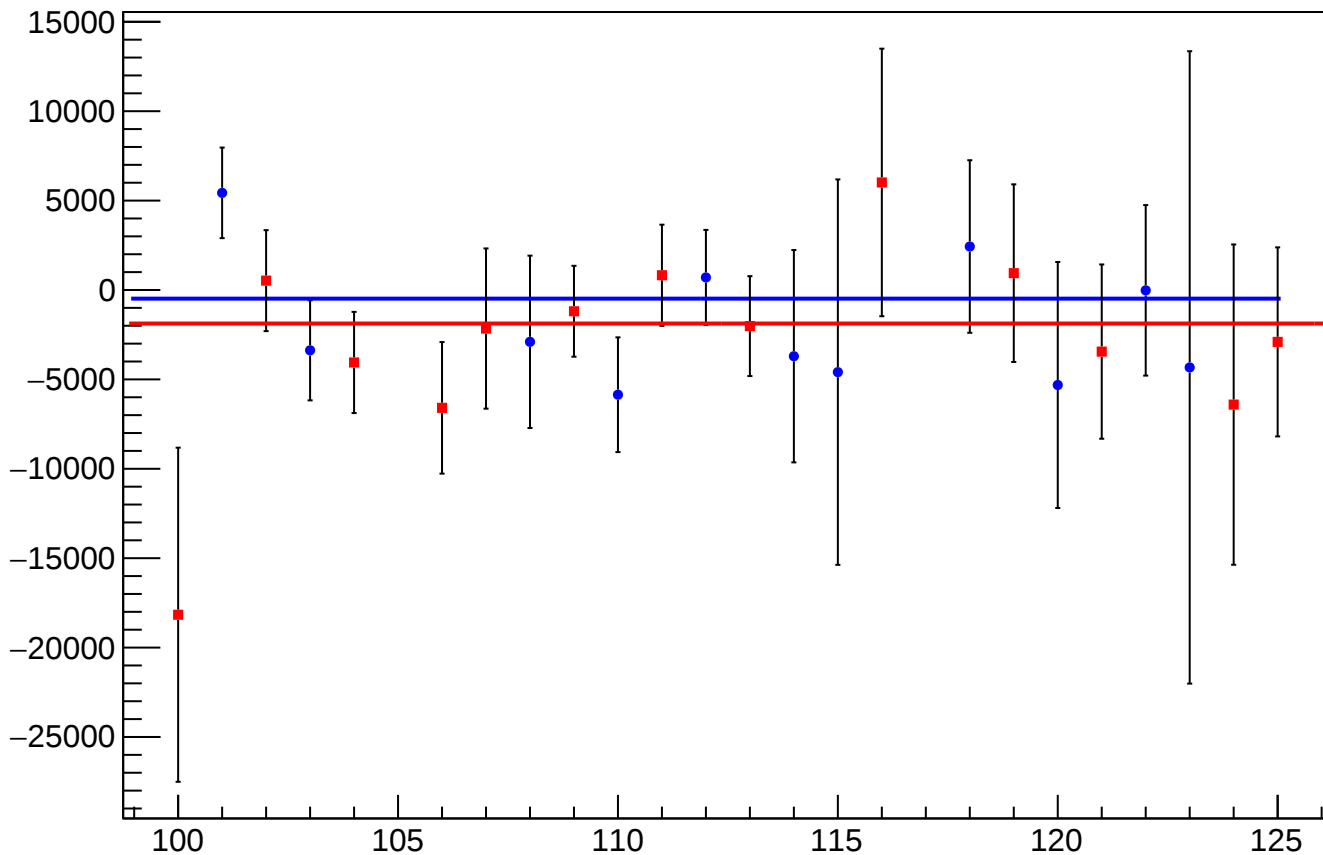
Right: 1538.497+/-0.378 χ^2/NDF : 514563.4/23

In: 1556.065+/-0.575 χ^2/NDF : 251483.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1538.497+/-0.378 χ^2/NDF : 514563.4/23

asym_sam4_mean vs Slug, Sign Corrected



Right In: -483.315+/-1183.917 χ^2/NDF : 11.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1874.859+/-1030.337 χ^2/NDF : 8.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

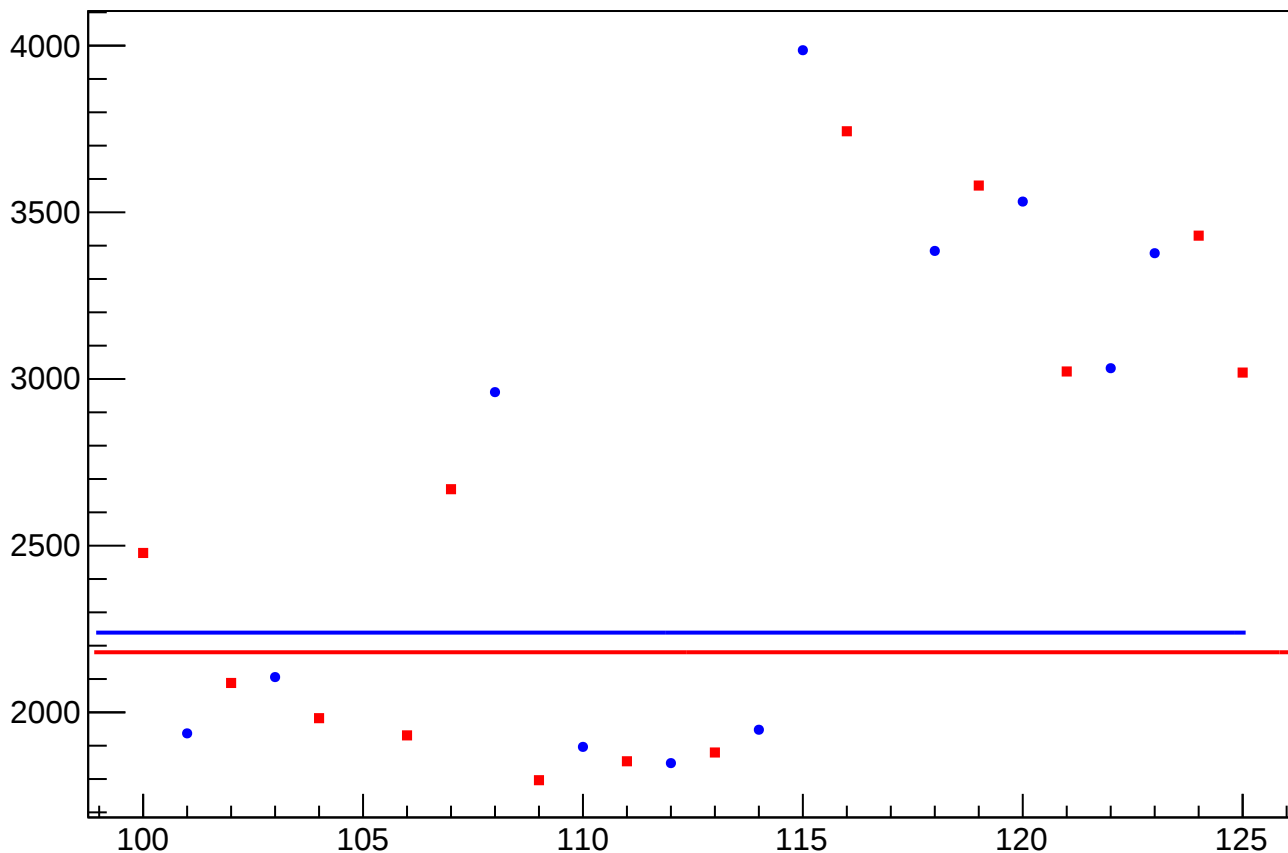
Right: -1275.143+/-777.224 χ^2/NDF : 20.7/23

In: -483.315+/-1183.917 χ^2/NDF : 11.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1275.143+/-777.224 χ^2/NDF : 20.7/23

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2239.194 ± 0.837 $\chi^2/\text{NDF}: 448288.9/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 2180.283 ± 0.729 $\chi^2/\text{NDF}: 537526.1/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

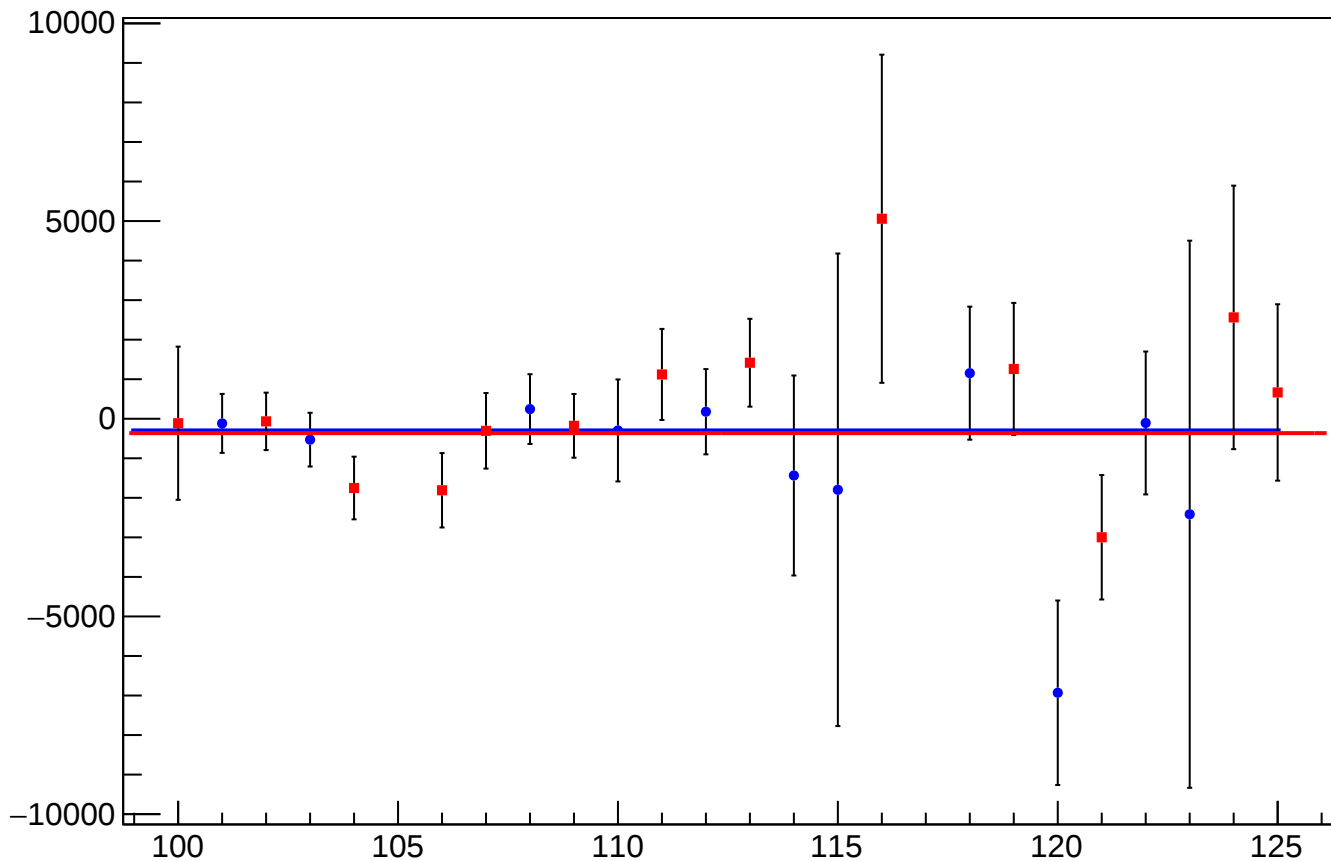
Right: 2205.672 ± 0.550 $\chi^2/\text{NDF}: 988632.7/23$

In: 2239.194 ± 0.837 $\chi^2/\text{NDF}: 448288.9/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 2205.672 ± 0.550 $\chi^2/\text{NDF}: 988632.7/23$

asym_sam5_mean vs Slug, Sign Corrected



Right In: -295.127 ± 359.005 χ^2/NDF : 9.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -363.771 ± 313.234 χ^2/NDF : 16.3/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

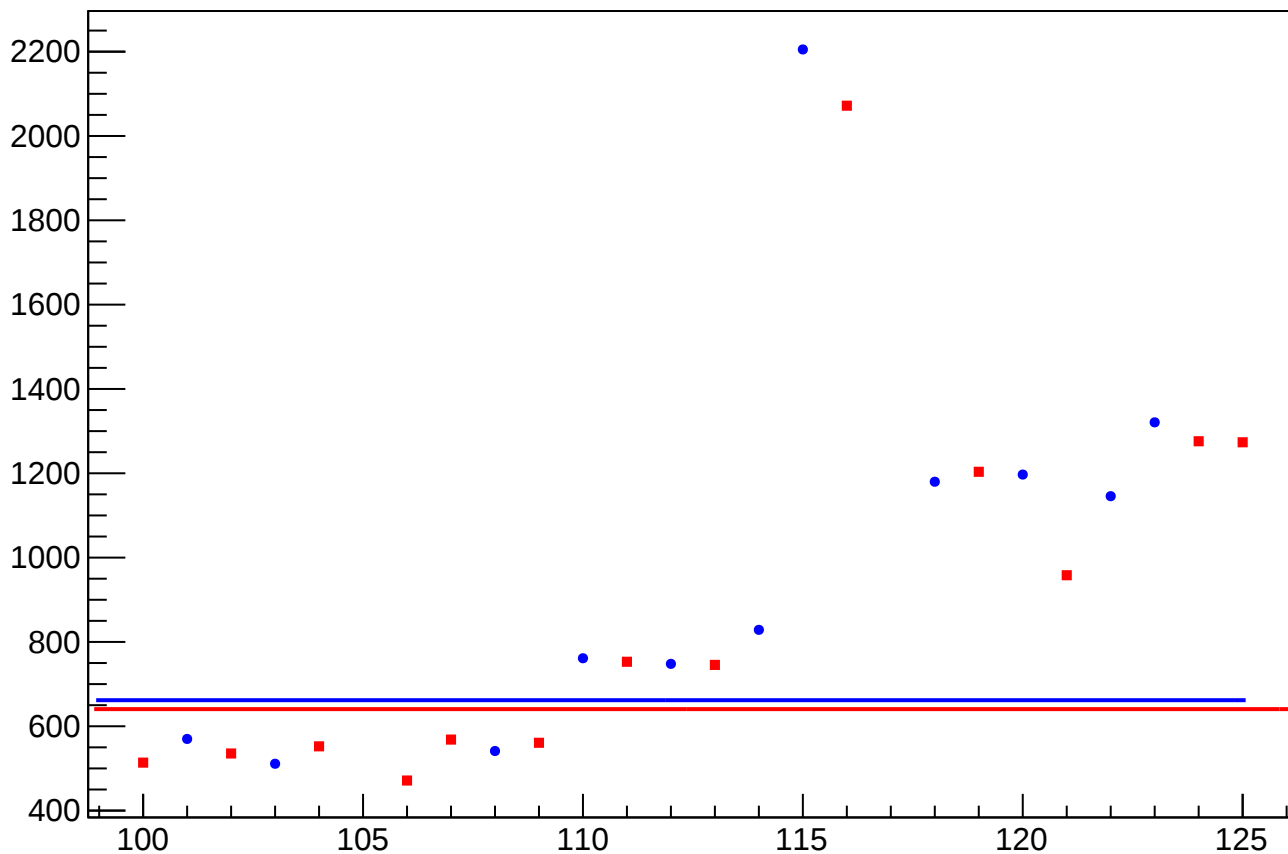
Right: -334.101 ± 236.024 χ^2/NDF : 26.3/23

In: -295.127 ± 359.005 χ^2/NDF : 9.9/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -334.101 ± 236.024 χ^2/NDF : 26.3/23

asym_sam5_rms vs Slug, Sign Corrected



Right In: 661.836+/-0.254 χ^2/NDF : 789374.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 640.663+/-0.221 χ^2/NDF : 987978.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

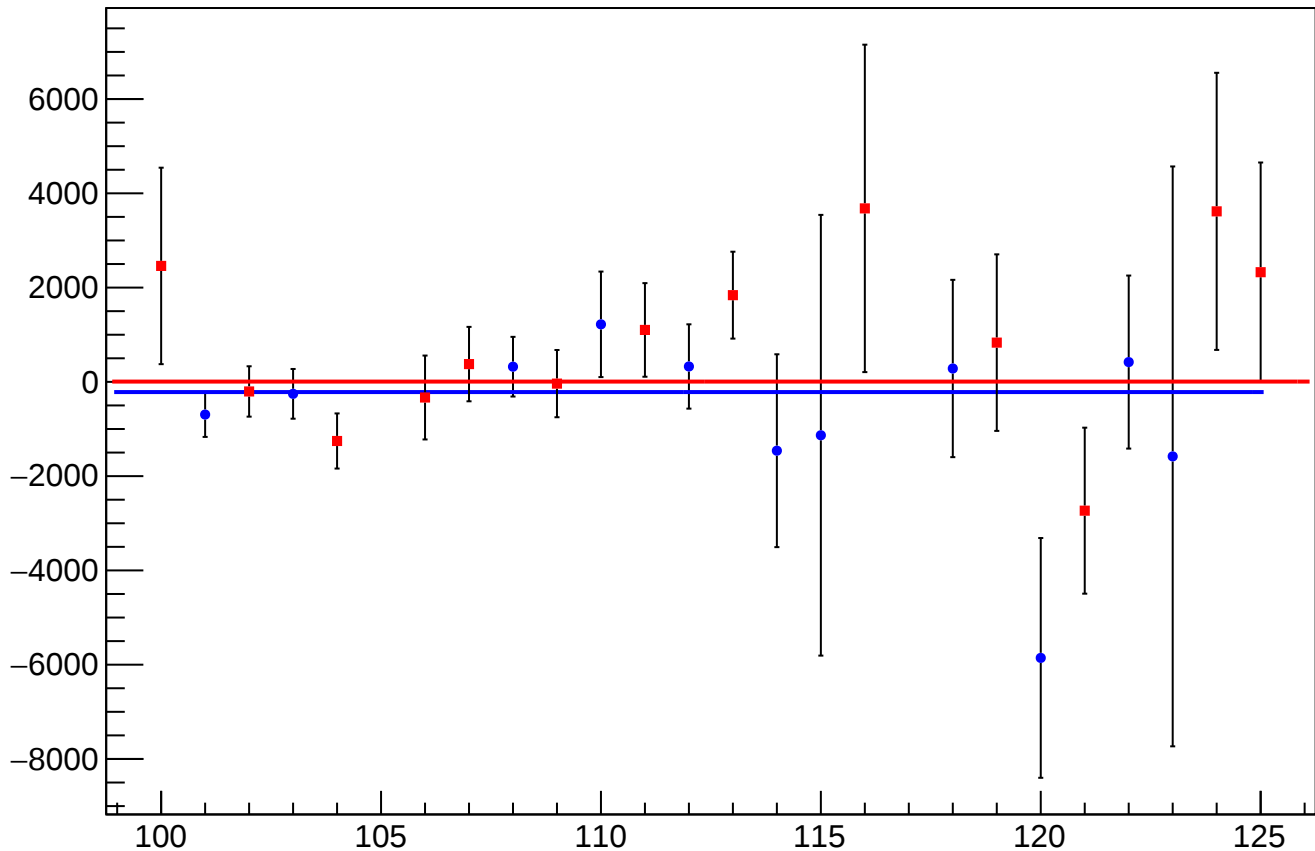
Right: 649.815+/-0.167 χ^2/NDF : 1781302.2/23

In: 661.836+/-0.254 χ^2/NDF : 789374.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 649.815+/-0.167 χ^2/NDF : 1781302.2/23

asym_sam6_mean vs Slug, Sign Corrected



Right In: -216.467+/-270.953 χ^2/NDF : 9.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 6.161+/-261.077 χ^2/NDF : 18.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

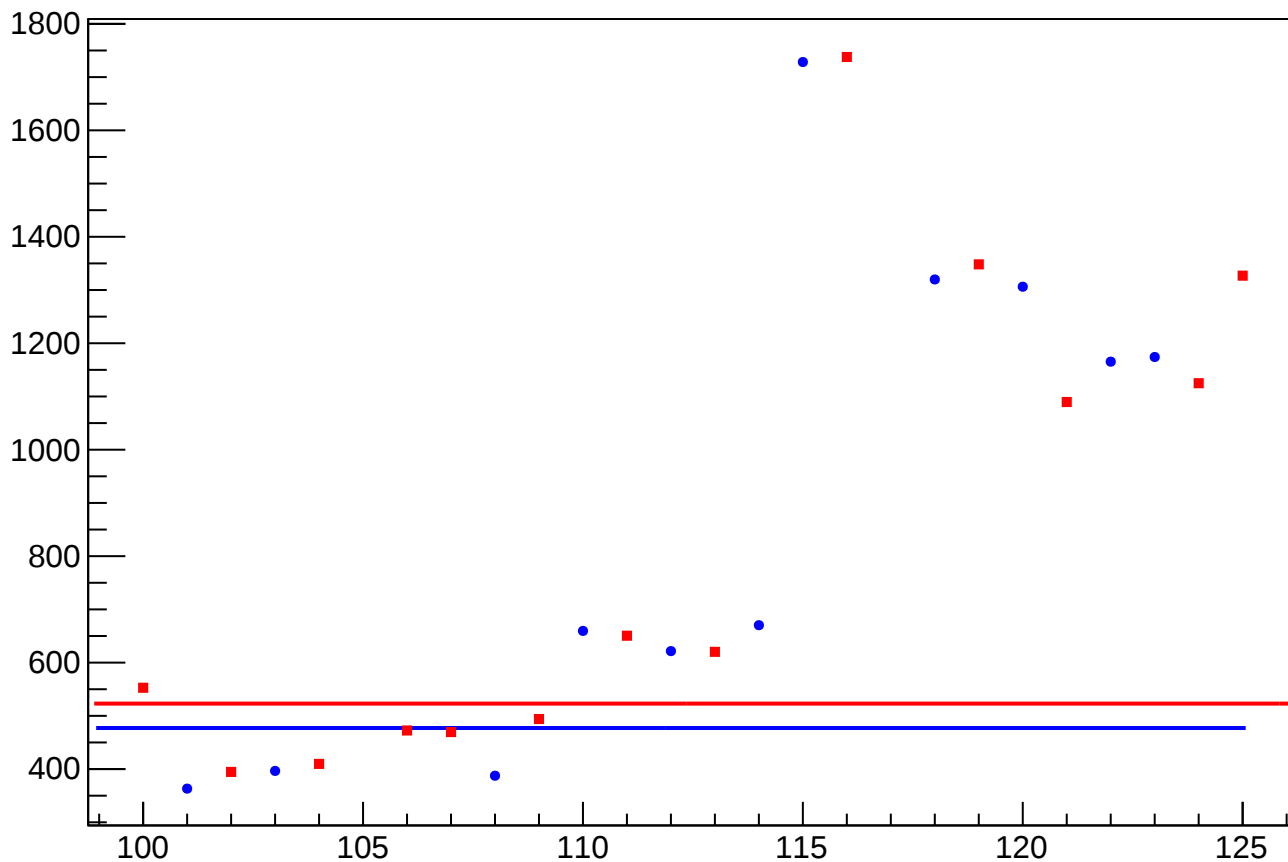
Right: -101.022+/-188.004 χ^2/NDF : 27.6/23

In: -216.467+/-270.953 χ^2/NDF :9.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -101.022+/-188.004 χ^2/NDF : 27.6/23

asym_sam6_rms vs Slug, Sign Corrected



Right In: 477.154+/-0.192 χ^2/NDF : 1389165.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 523.035+/-0.185 χ^2/NDF : 1427544.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

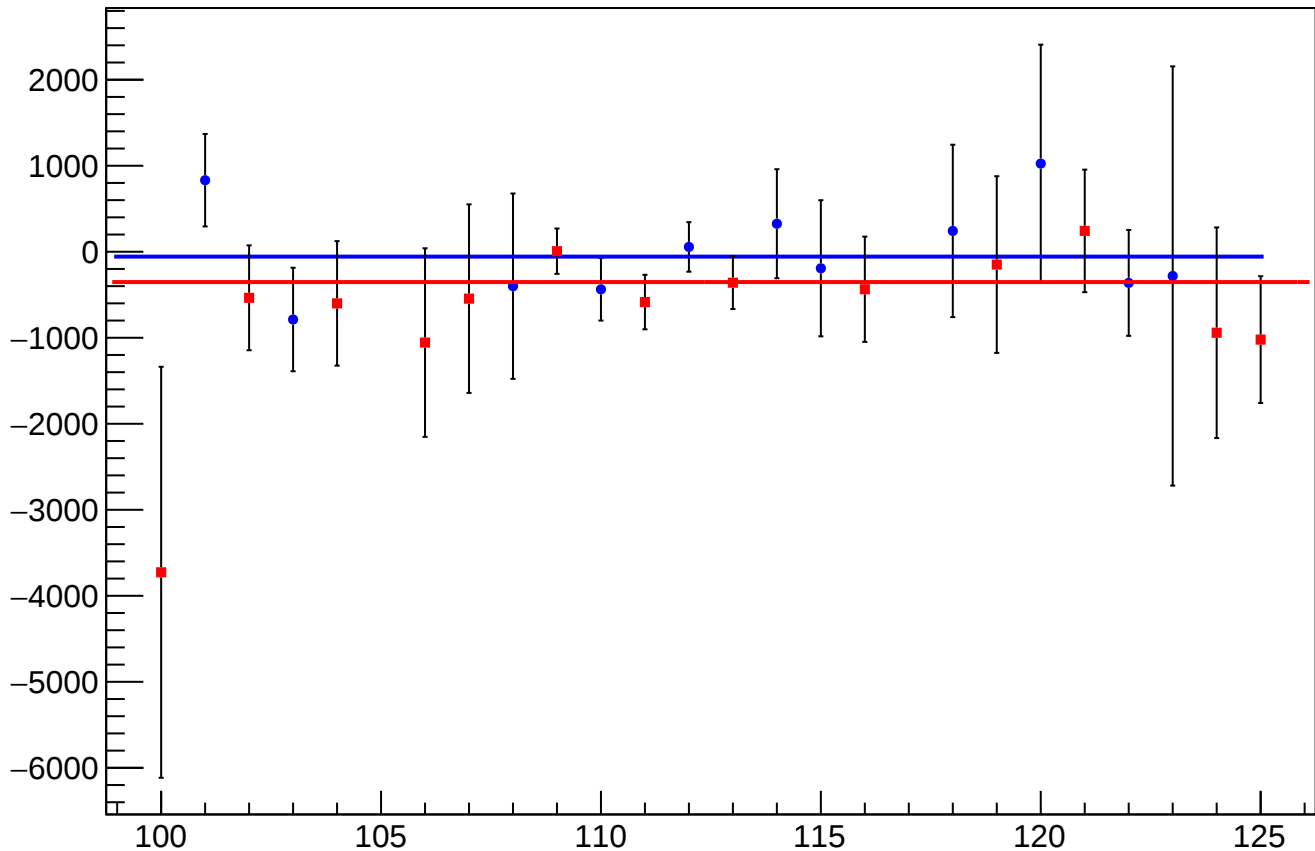
Right: 500.946+/-0.133 χ^2/NDF : 2846448.3/23

In: 477.154+/-0.192 χ^2/NDF : 1389165.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 500.946+/-0.133 χ^2/NDF : 2846448.3/23

asym_sam7_mean vs Slug, Sign Corrected



Right In: -56.639+/-168.719 χ^2/NDF : 6.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -352.565+/-142.057 χ^2/NDF : 6.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

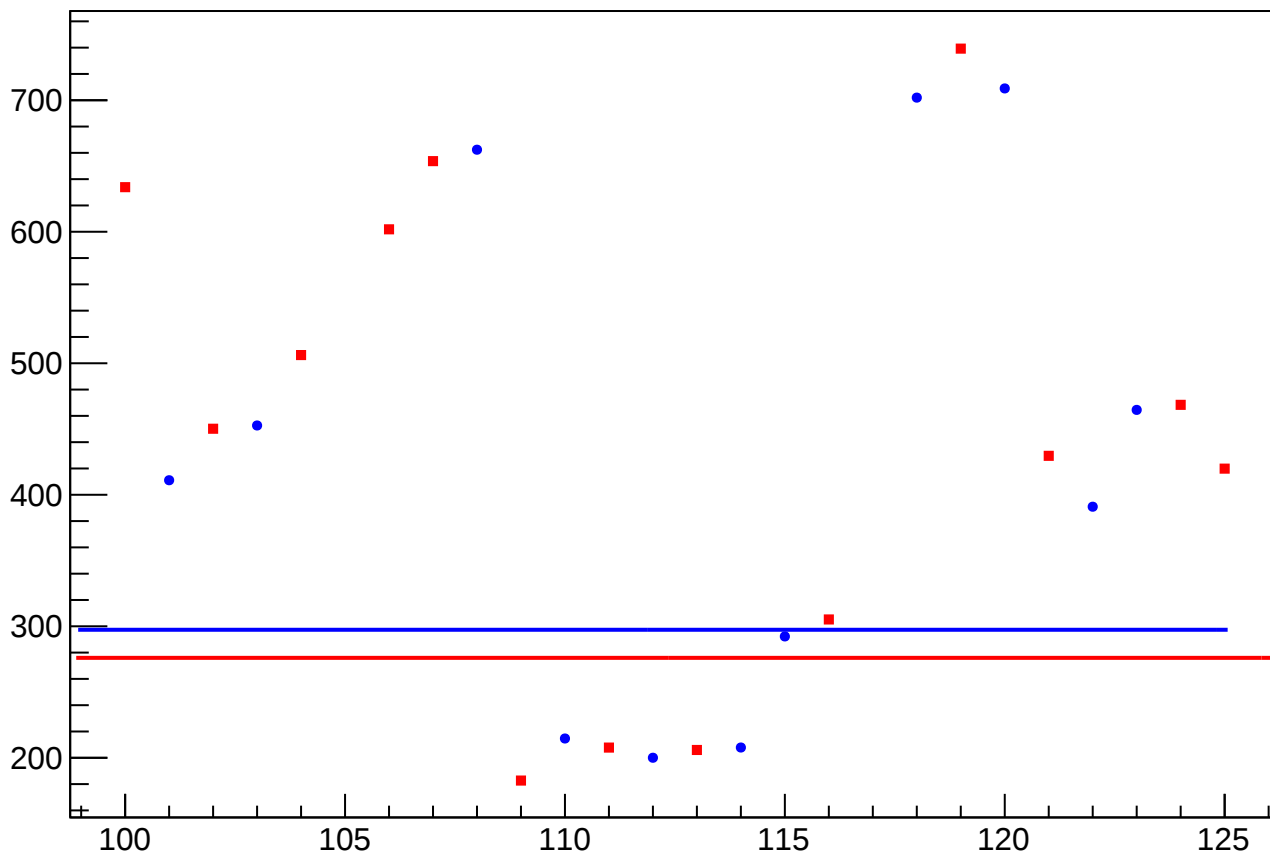
Right: -229.804+/-108.668 χ^2/NDF : 15.6/23

In: -56.639+/-168.719 χ^2/NDF : 6.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -229.804+/-108.668 χ^2/NDF : 15.6/23

asym_sam7_rms vs Slug, Sign Corrected



Right In: 297.350+/-0.119 χ^2/NDF : 1383409.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 276.000+/-0.100 χ^2/NDF : 1903031.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

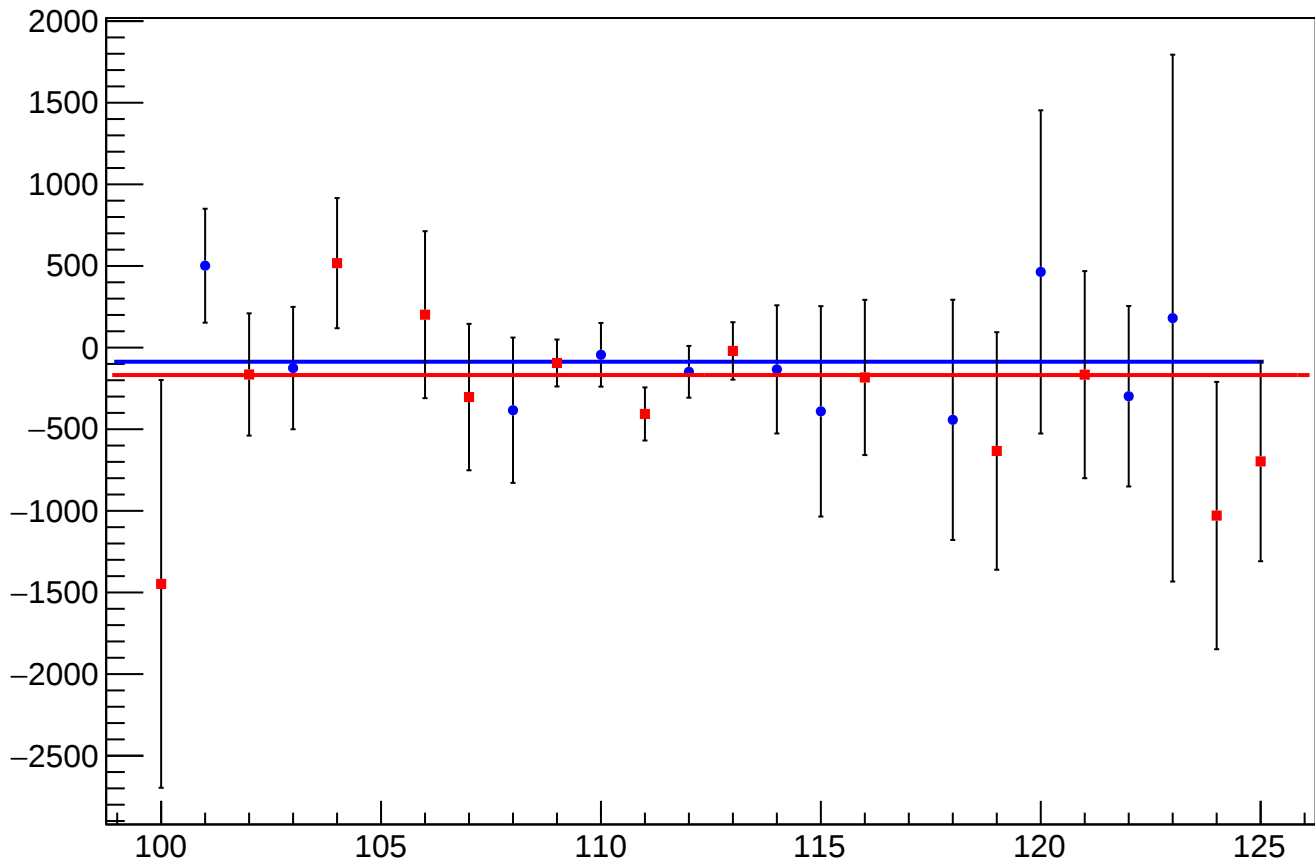
Right: 284.857+/-0.077 χ^2/NDF : 3305181.6/23

In: 297.350+/-0.119 χ^2/NDF : 1383409.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 284.857+/-0.077 χ^2/NDF : 3305181.6/23

asym_sam8_mean vs Slug, Sign Corrected



Right In: -86.560 ± 99.087 χ^2/NDF : 4.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -168.248 ± 80.492 χ^2/NDF : 10.0/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

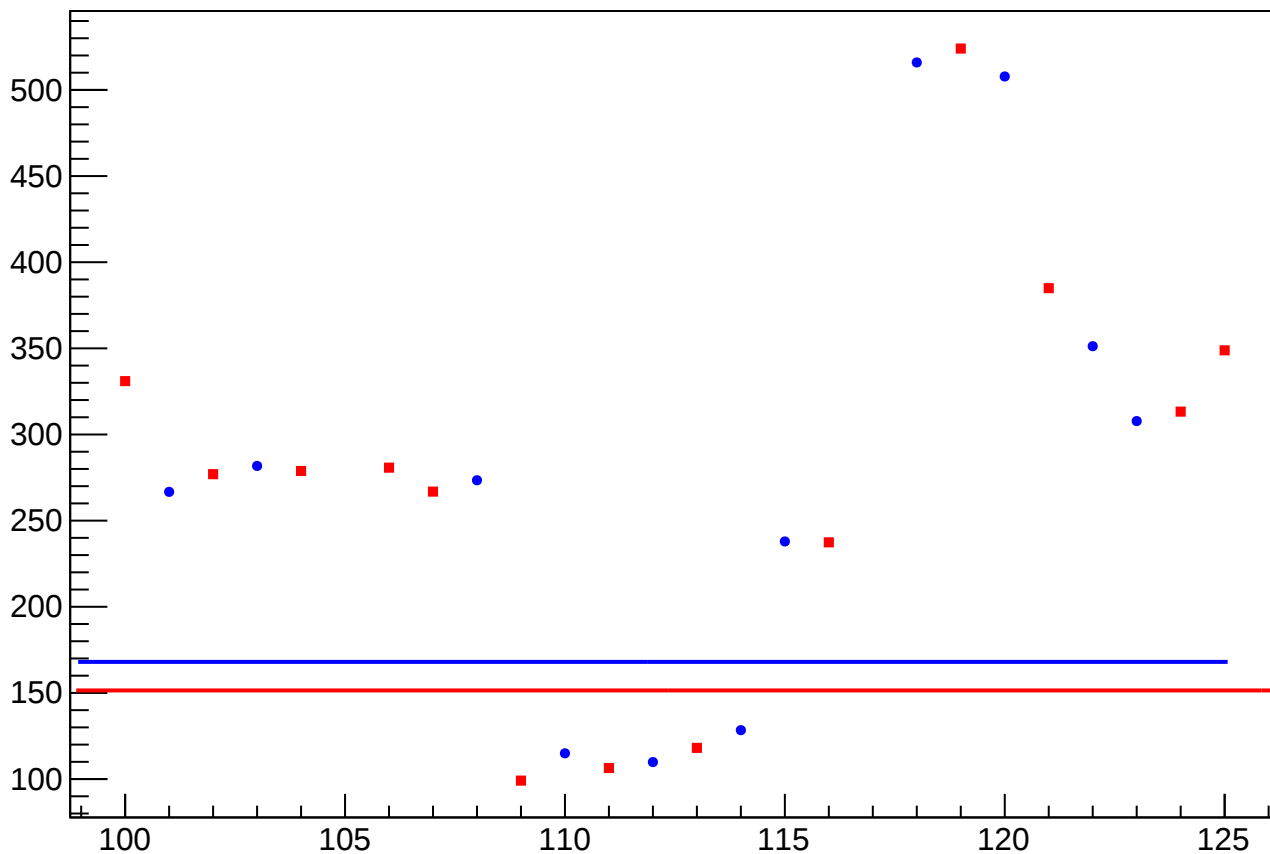
Right: -135.773 ± 62.476 χ^2/NDF : 14.9/23

In: -86.560 ± 99.087 χ^2/NDF : 4.5/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -135.773 ± 62.476 χ^2/NDF : 14.9/23

asym_sam8_rms vs Slug, Sign Corrected



Right In: 168.013+/-0.070 χ^2/NDF : 1835184.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.443+/-0.057 χ^2/NDF : 2368375.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

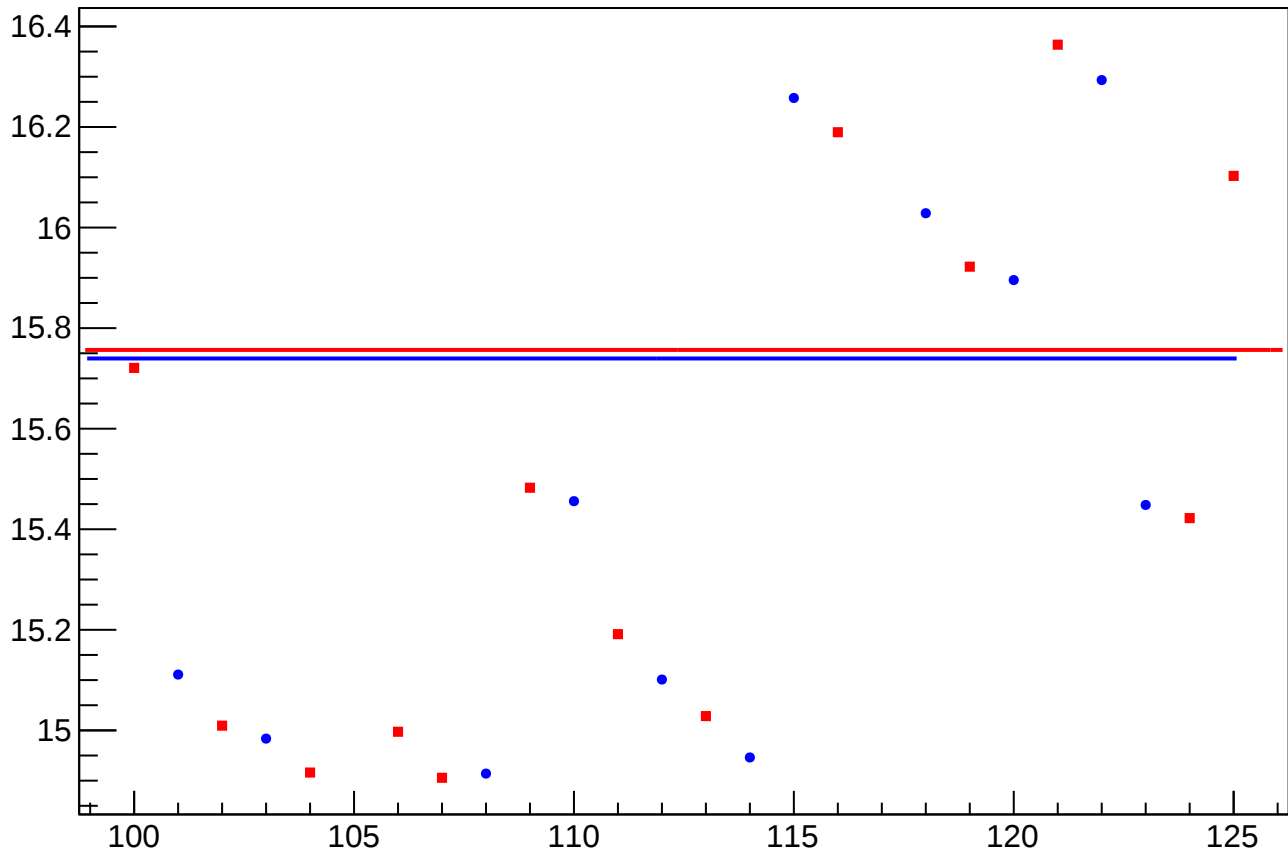
Right: 158.030+/-0.044 χ^2/NDF : 4237255.3/23

In: 168.013+/-0.070 χ^2/NDF : 1835184.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.030+/-0.044 χ^2/NDF : 4237255.3/23

yield_sam1_mean vs Slug, Sign Corrected



Right In: 15.740+/-0.000 χ^2/NDF : 2994622529.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.757+/-0.000 χ^2/NDF : 3745234941.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

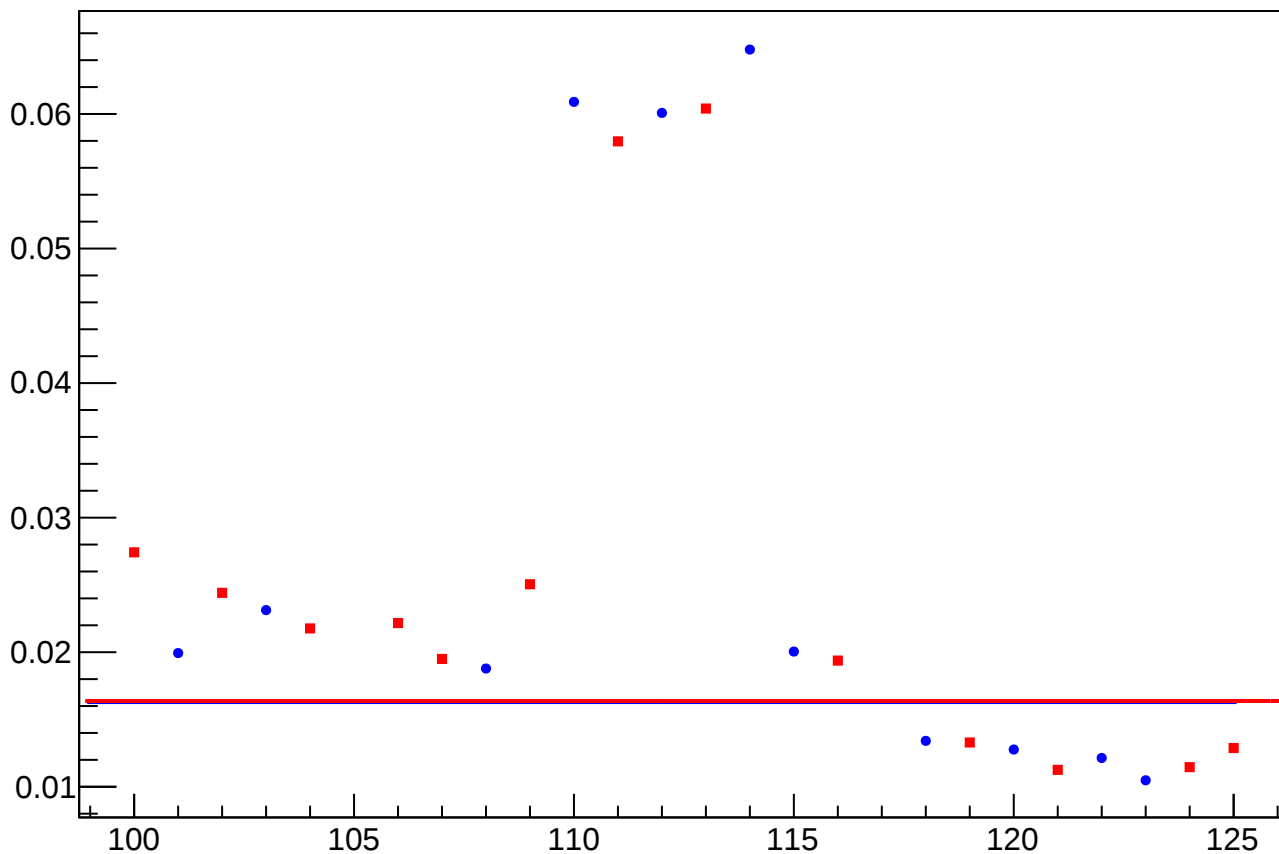
Right: 15.749+/-0.000 χ^2/NDF : 6741610634.9/23

In: 15.740+/-0.000 χ^2/NDF : 2994622529.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.749+/-0.000 χ^2/NDF : 6741610634.9/23

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 1276420.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 1503308.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

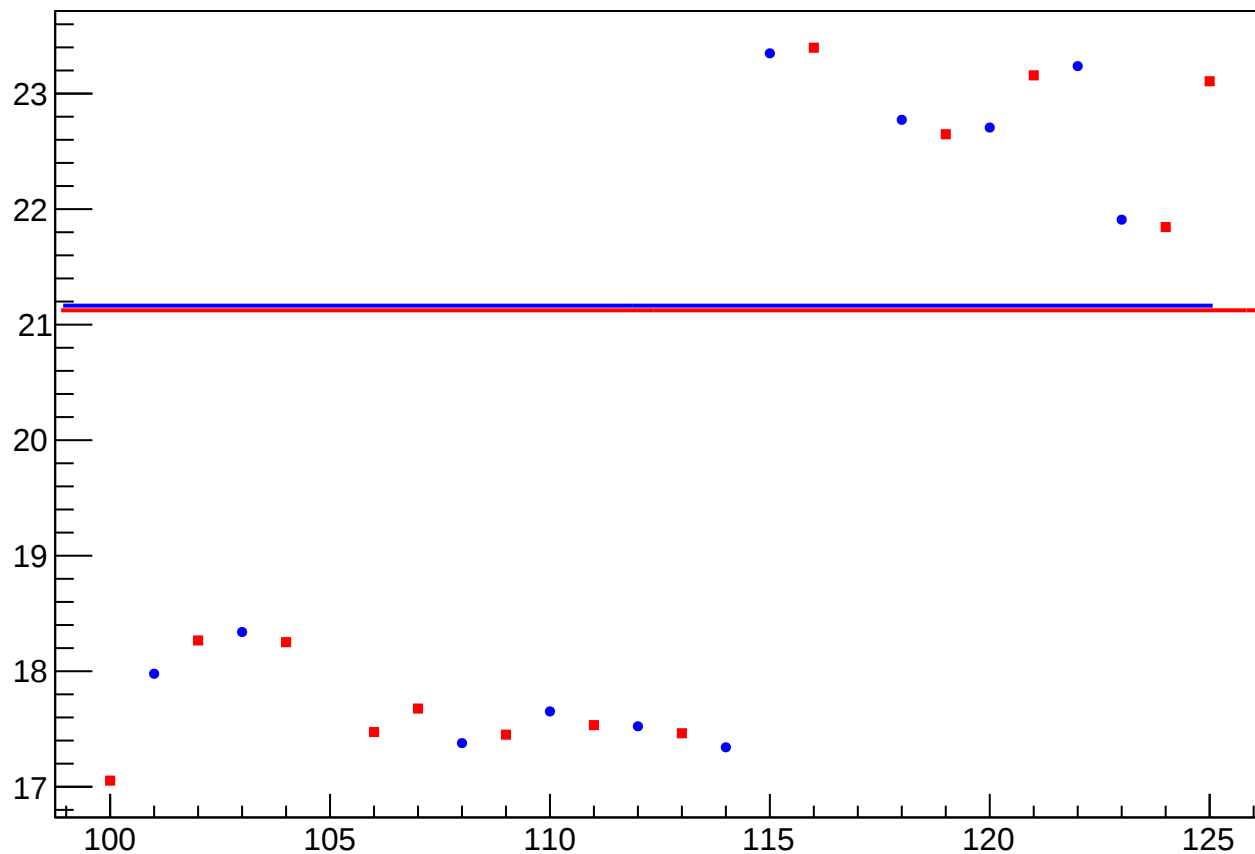
Right: 0.016+/-0.000 χ^2/NDF : 2779806.2/23

In: 0.016+/-0.000 χ^2/NDF : 1276420.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 2779806.2/23

yield_sam2_mean vs Slug, Sign Corrected



Right In: 21.165+/-0.000 χ^2/NDF : 690739250.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.124+/-0.000 χ^2/NDF : 843804793.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

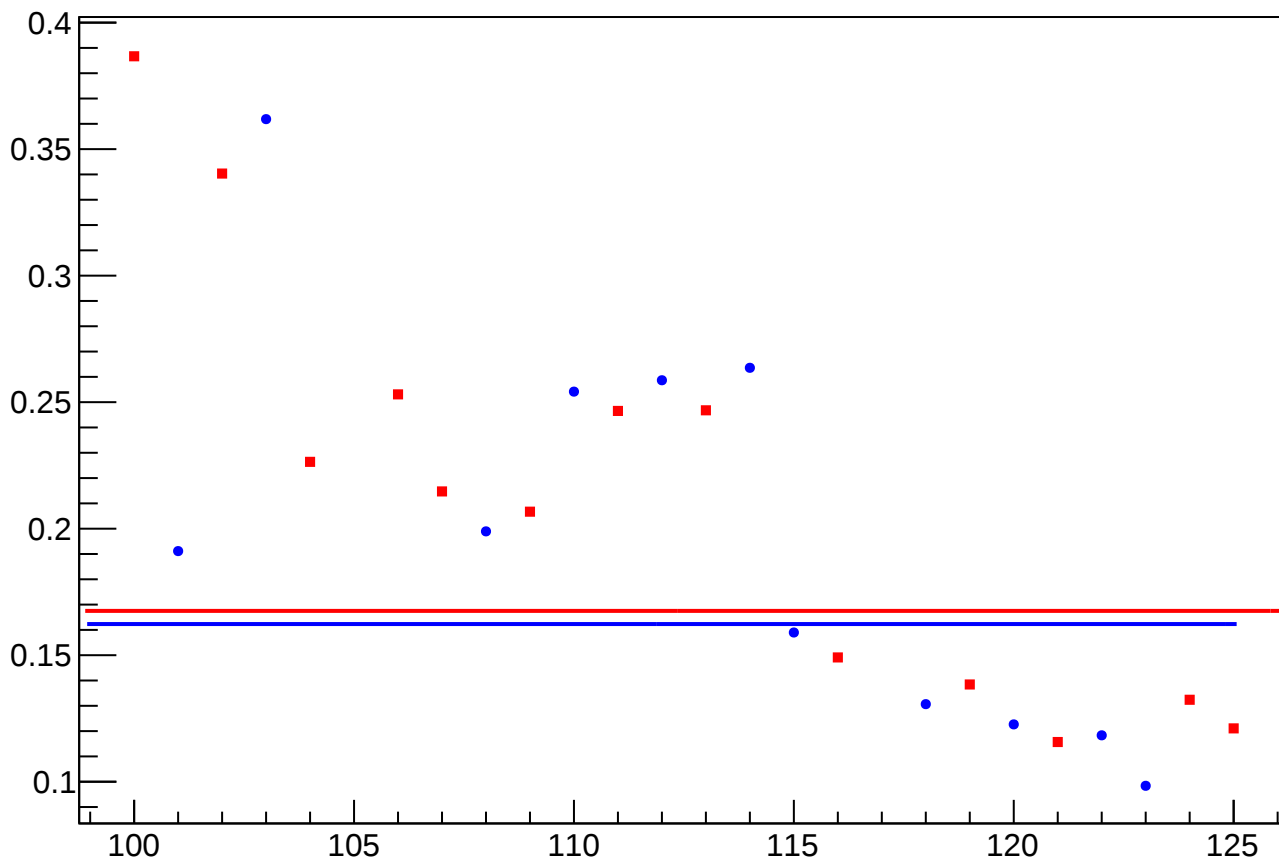
Right: 21.143+/-0.000 χ^2/NDF : 1534645074.2/23

In: 21.165+/-0.000 χ^2/NDF : 690739250.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.143+/-0.000 χ^2/NDF : 1534645074.2/23

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.162+/-0.000 χ^2/NDF : 843921.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.168+/-0.000 χ^2/NDF : 930130.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

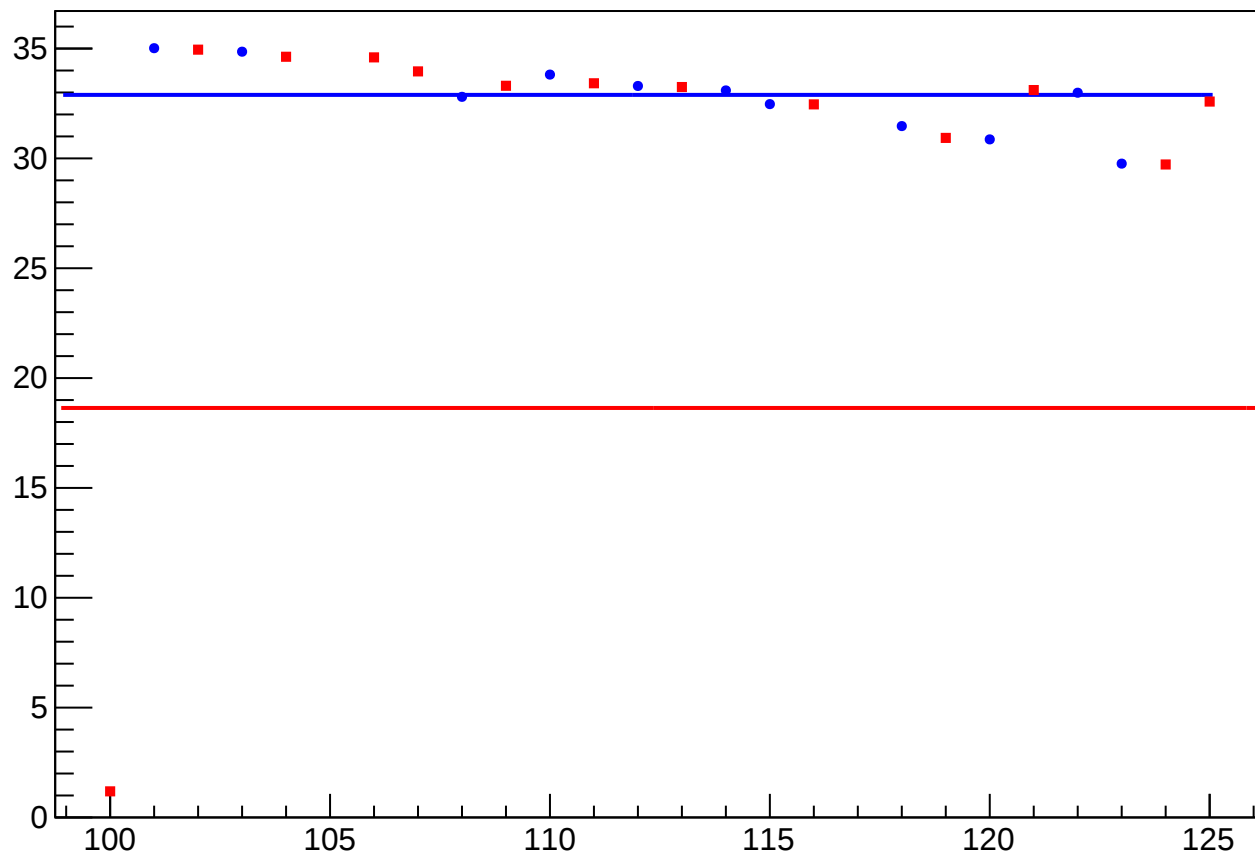
Right: 0.165+/-0.000 χ^2/NDF : 1777378.7/23

In: 0.162+/-0.000 χ^2/NDF :843921.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.165+/-0.000 χ^2/NDF : 1777378.7/23

yield_sam3_mean vs Slug, Sign Corrected



Right In: 32.891+/-0.000 χ^2/NDF : 415726330.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.640+/-0.000 χ^2/NDF : 197676076596.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

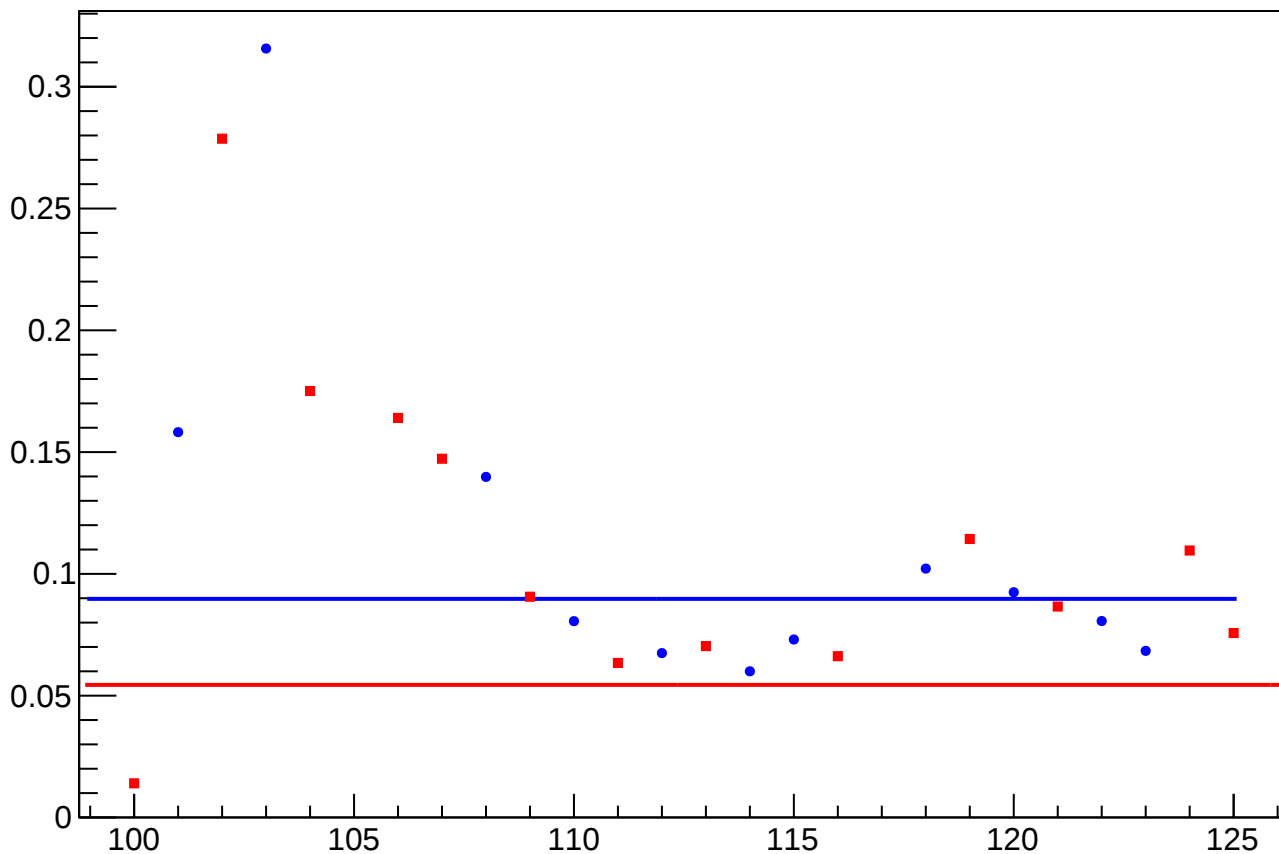
Right: 22.912+/-0.000 χ^2/NDF : 246124501513.0/23

In: 32.891+/-0.000 χ^2/NDF : 415726330.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.912+/-0.000 χ^2/NDF : 246124501513.0/23

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.090+/-0.000 χ^2/NDF : 1005529.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.054+/-0.000 χ^2/NDF : 3214999.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

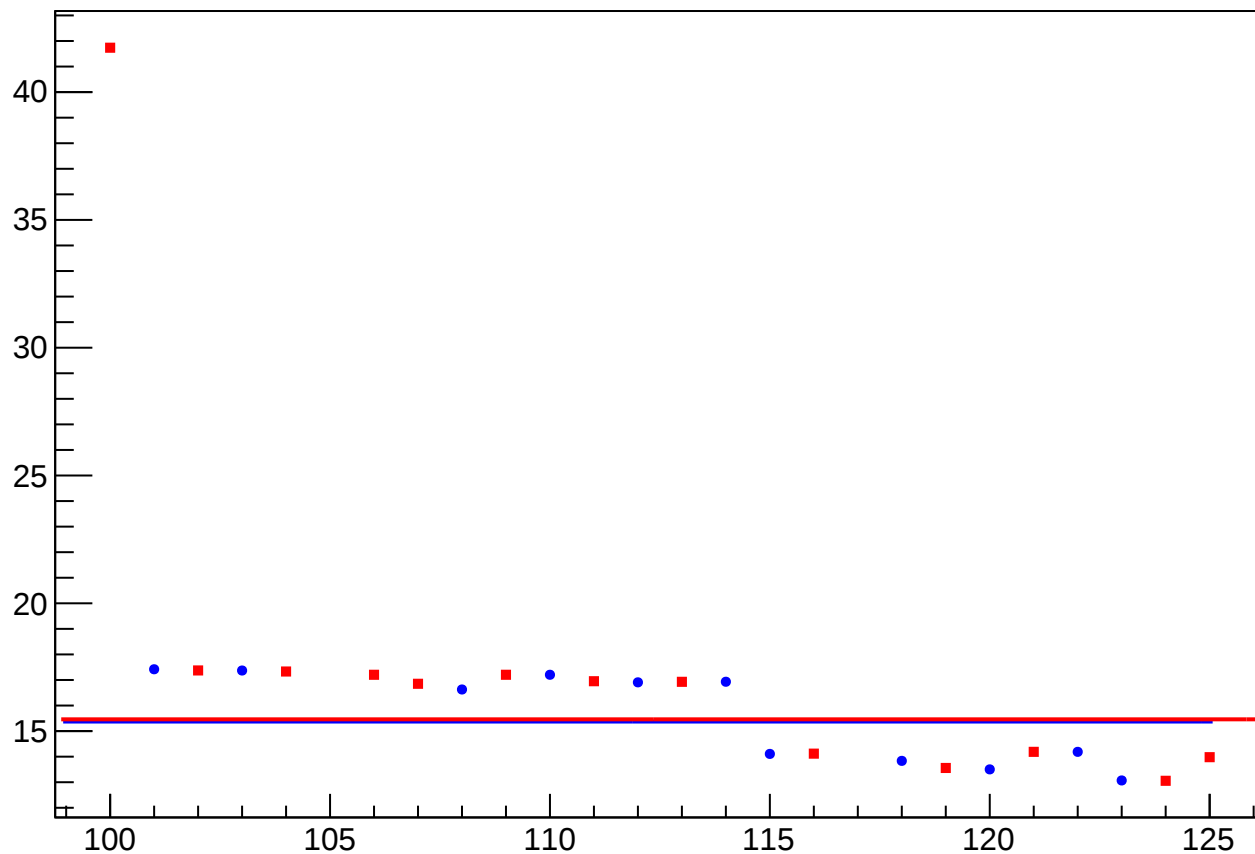
Right: 0.065+/-0.000 χ^2/NDF : 4810641.4/23

In: 0.090+/-0.000 χ^2/NDF :1005529.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.065+/-0.000 χ^2/NDF : 4810641.4/23

yield_sam4_mean vs Slug, Sign Corrected



Right In: 15.374+/-0.000 χ^2/NDF : 1002775867.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.461+/-0.000 χ^2/NDF : 1424525231.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

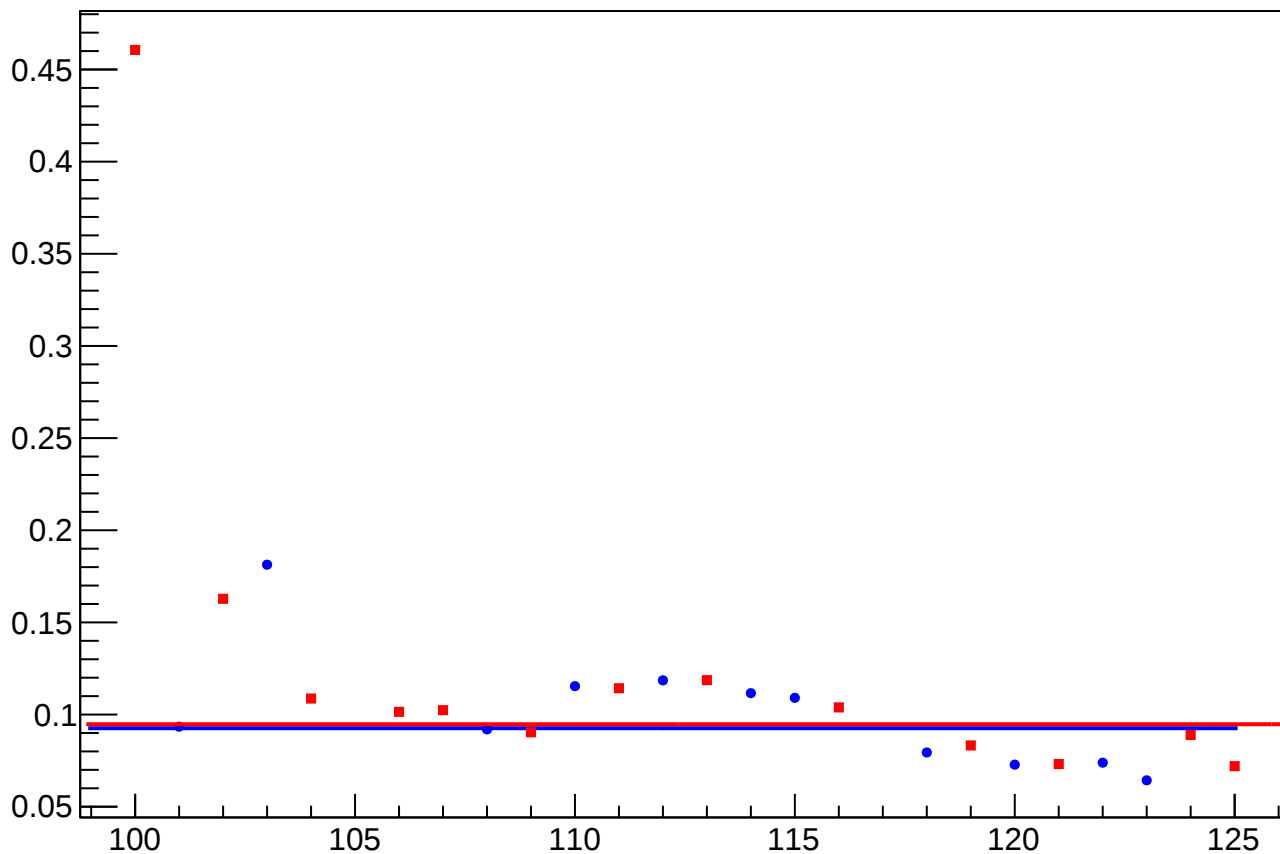
Right: 15.421+/-0.000 χ^2/NDF : 2428796771.2/23

In: 15.374+/-0.000 χ^2/NDF : 1002775867.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.421+/-0.000 χ^2/NDF : 2428796771.2/23

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.093+/-0.000 χ^2/NDF : 463120.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.095+/-0.000 χ^2/NDF : 480816.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

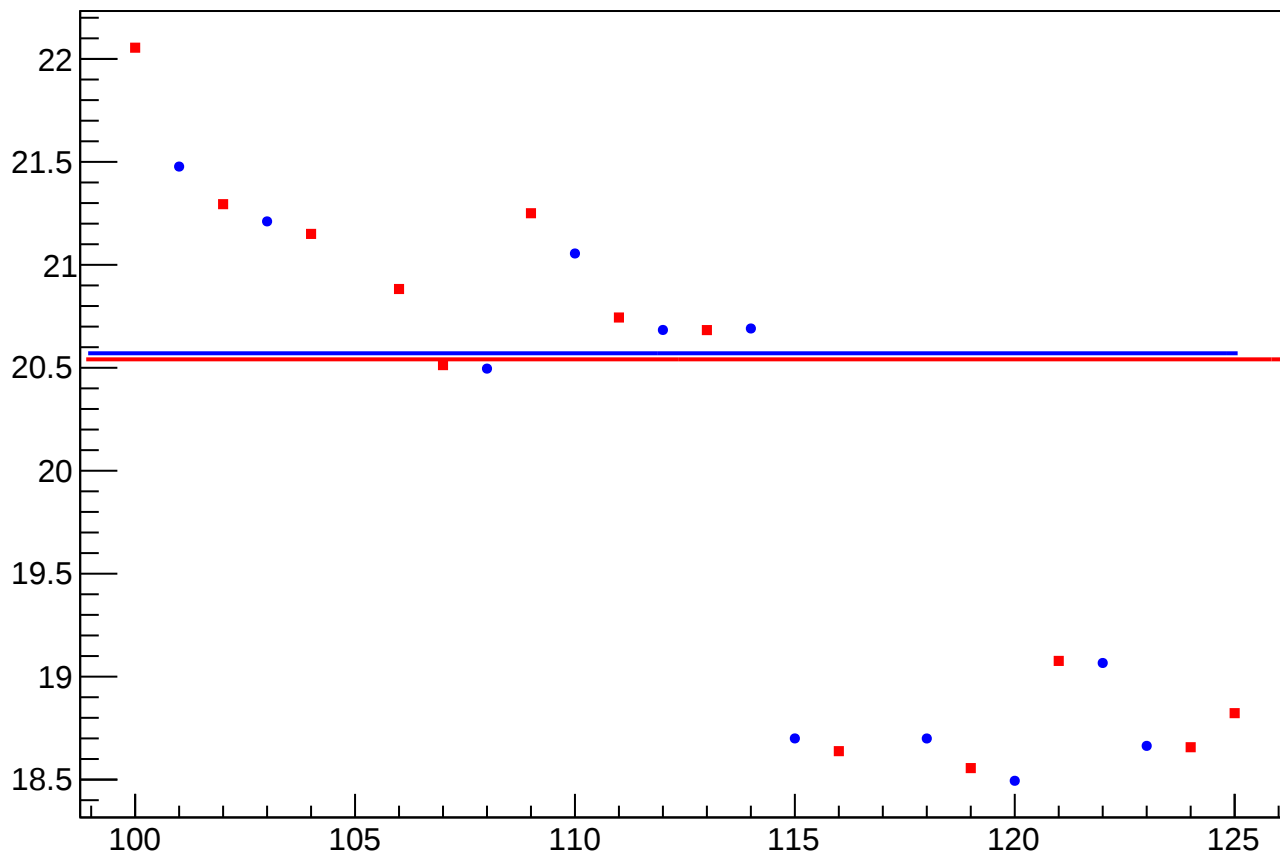
Right: 0.094+/-0.000 χ^2/NDF : 945811.7/23

In: 0.093+/-0.000 χ^2/NDF : 463120.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.094+/-0.000 χ^2/NDF : 945811.7/23

yield_sam5_mean vs Slug, Sign Corrected



Right In: 20.570+/-0.000 χ^2/NDF : 4012141842.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 20.541+/-0.000 χ^2/NDF : 4307403011.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

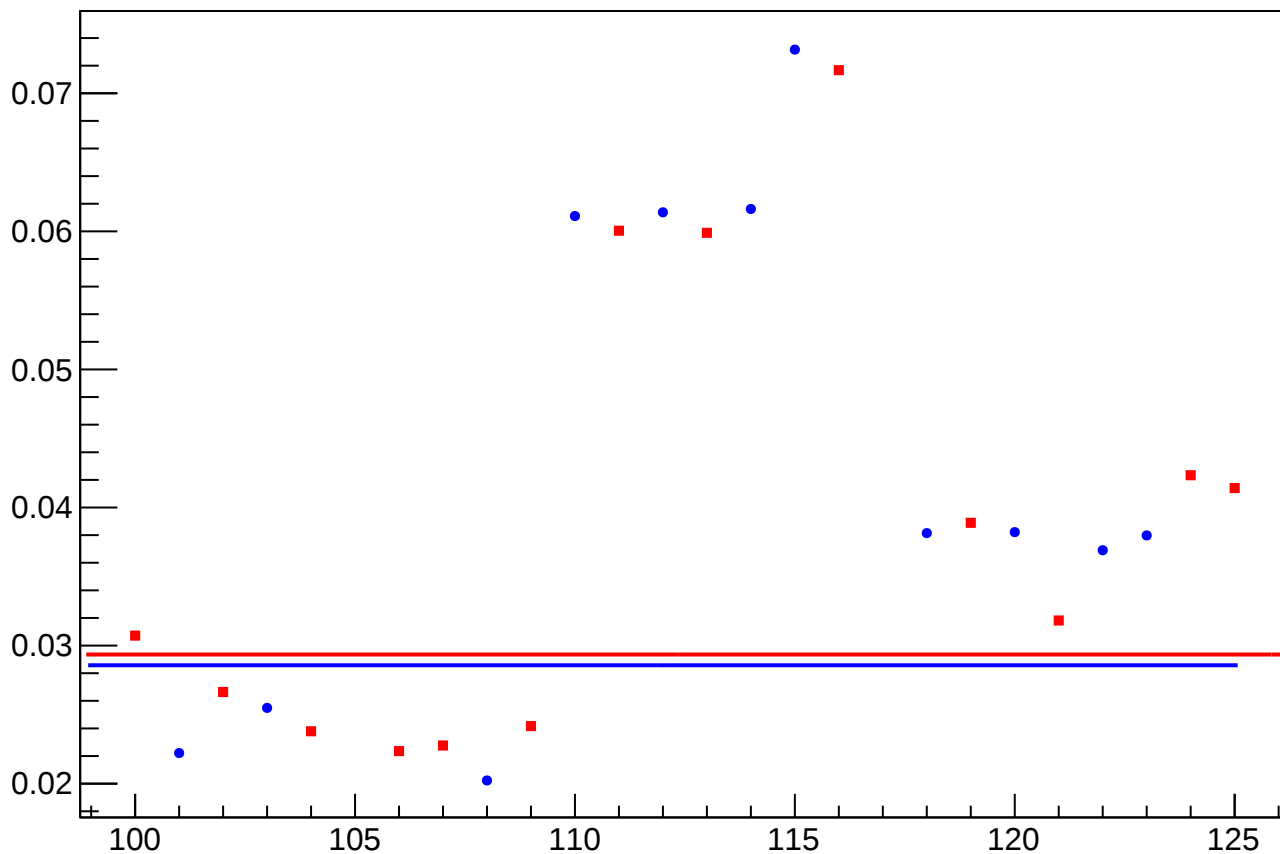
Right: 20.555+/-0.000 χ^2/NDF : 8321319634.9/23

In: 20.570+/-0.000 χ^2/NDF :4012141842.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.555+/-0.000 χ^2/NDF : 8321319634.9/23

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.029+/-0.000 χ^2/NDF : 946832.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.029+/-0.000 χ^2/NDF : 936815.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

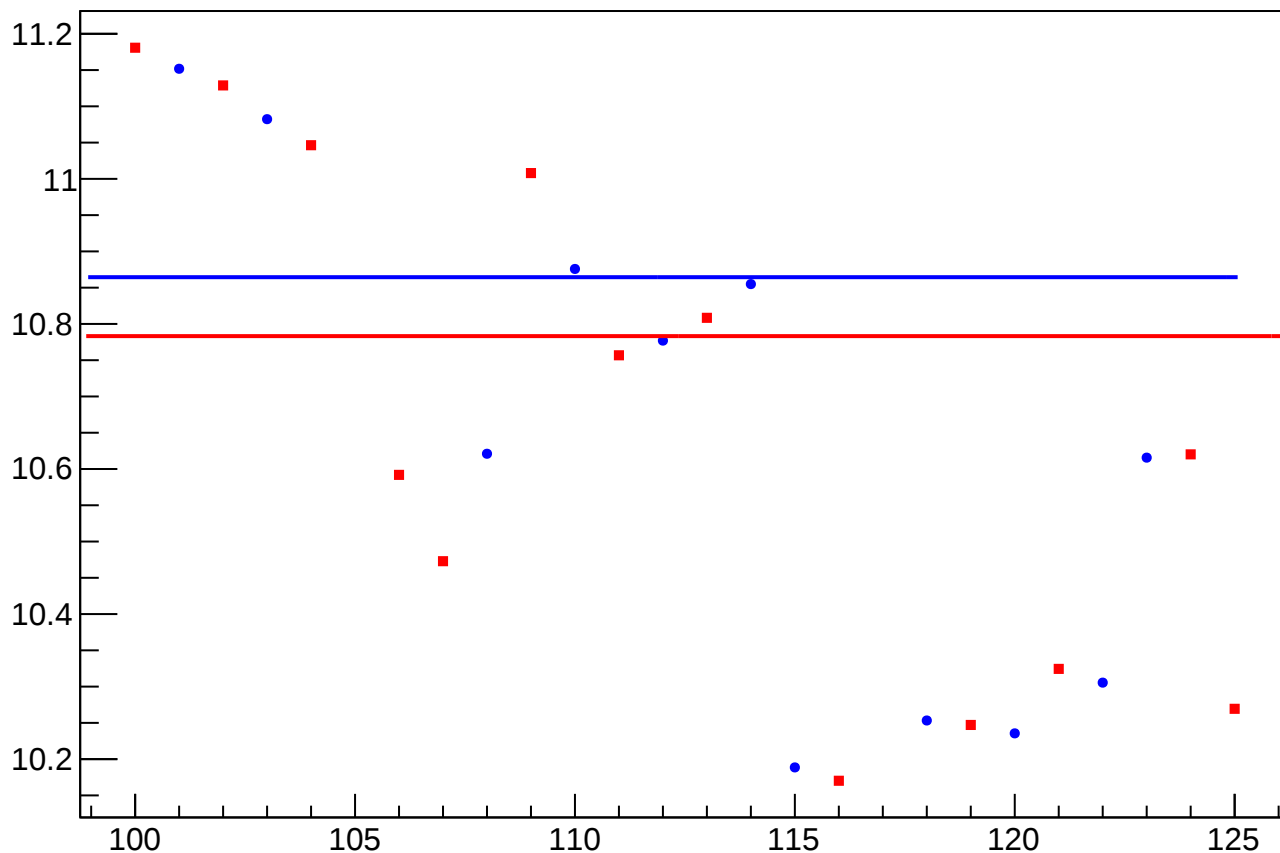
Right: 0.029+/-0.000 χ^2/NDF : 1886122.9/23

In: 0.029+/-0.000 χ^2/NDF : 946832.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.000 χ^2/NDF : 1886122.9/23

yield_sam6_mean vs Slug, Sign Corrected



Right In: 10.864+/-0.000 χ^2/NDF : 1992289248.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.783+/-0.000 χ^2/NDF : 1932970958.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

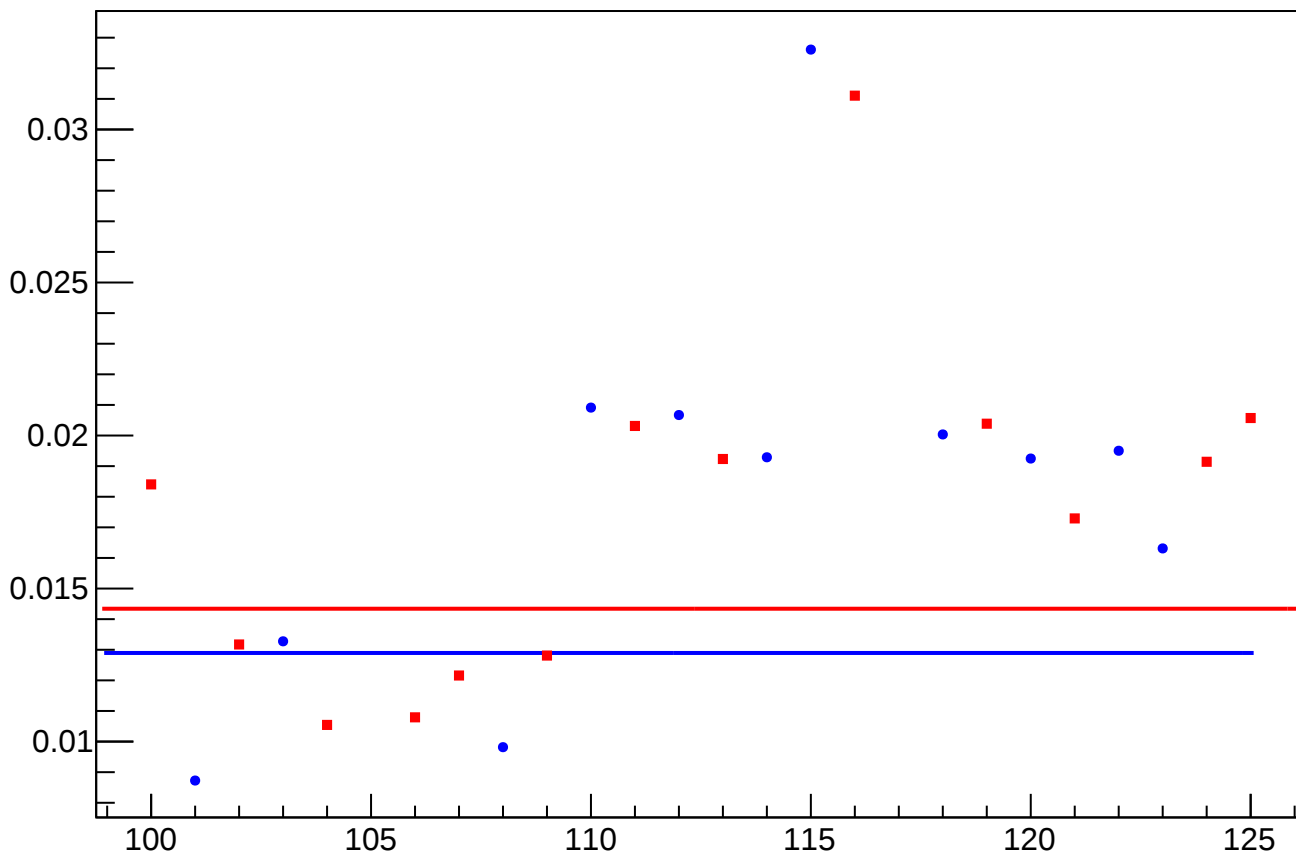
Right: 10.823+/-0.000 χ^2/NDF : 3987621788.4/23

In: 10.864+/-0.000 χ^2/NDF : 1992289248.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.823+/-0.000 χ^2/NDF : 3987621788.4/23

yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 905013.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 657025.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

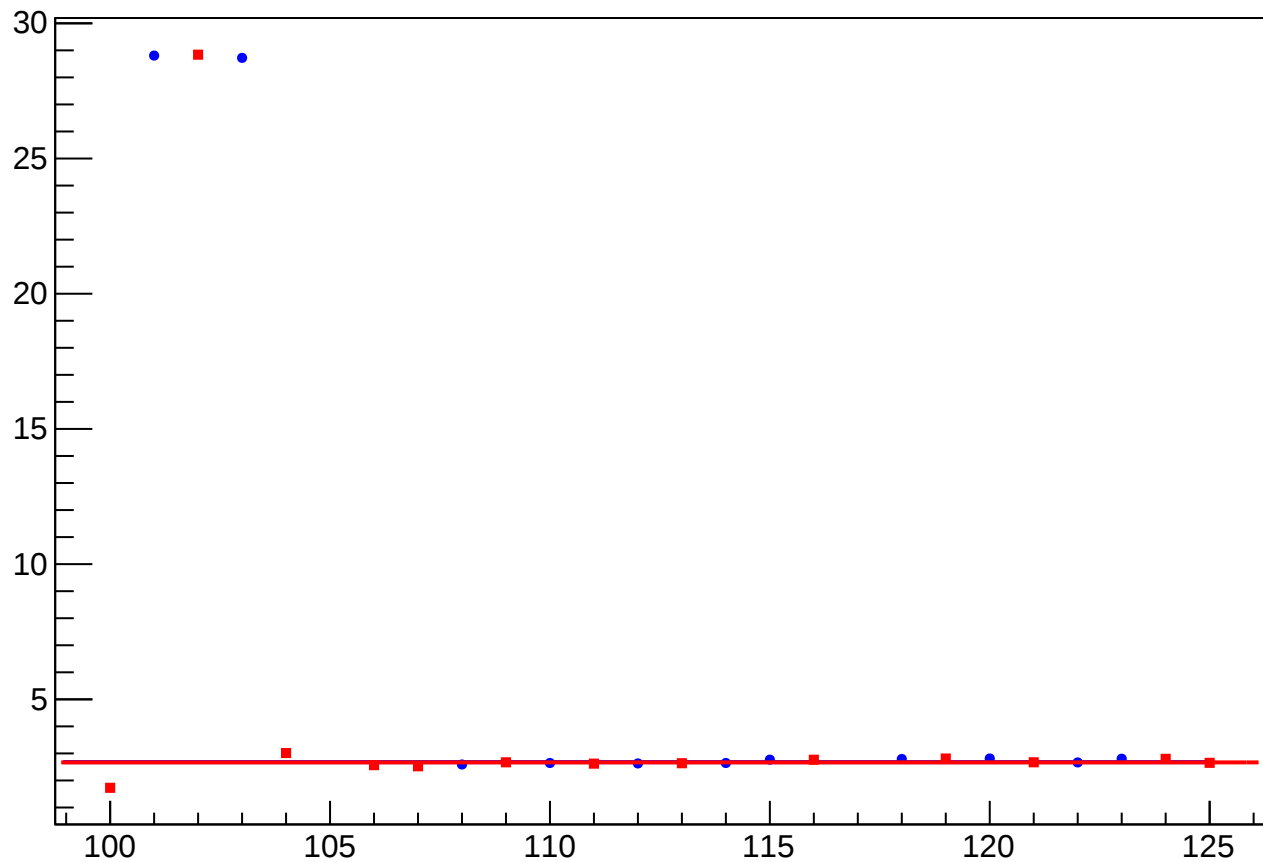
Right: 0.014+/-0.000 χ^2/NDF : 1601516.5/23

In: 0.013+/-0.000 χ^2/NDF : 905013.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

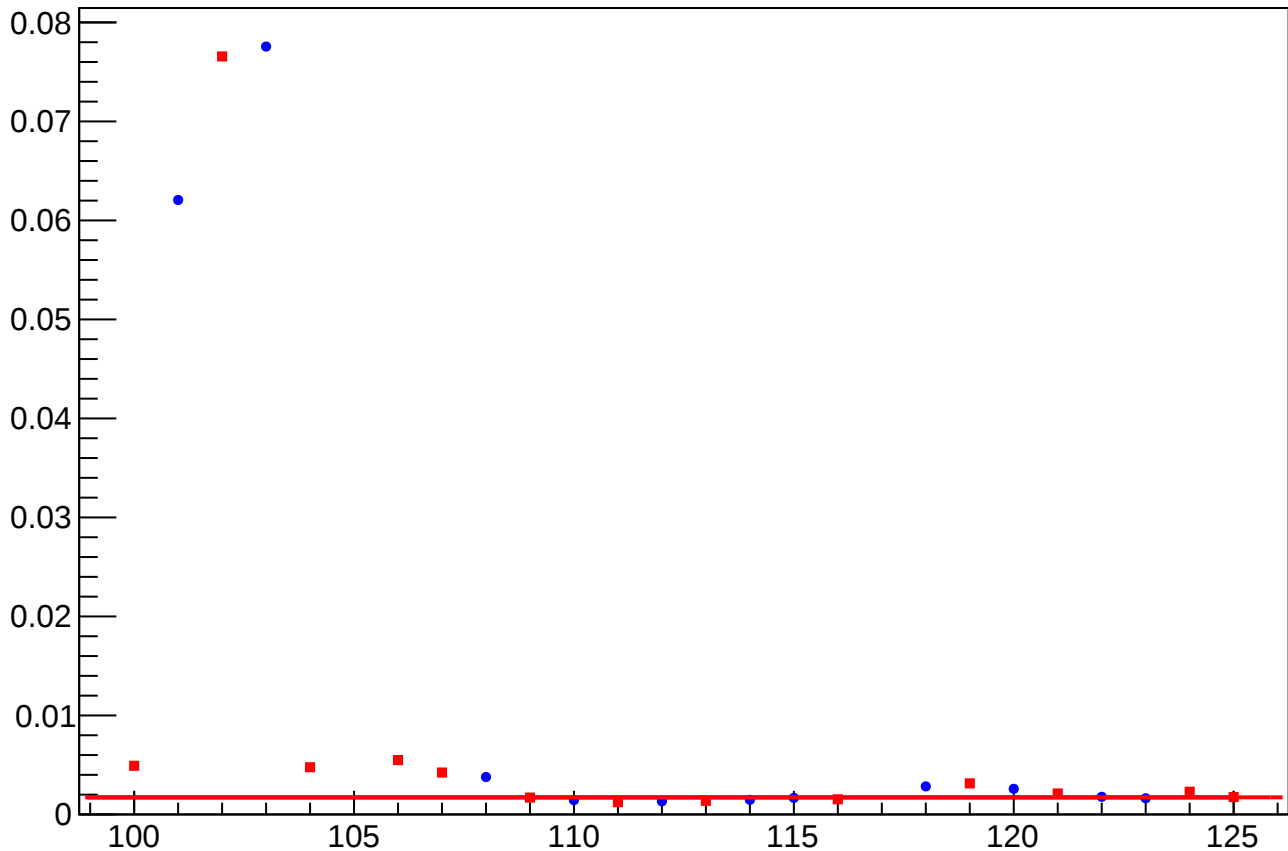
All: 0.014+/-0.000 χ^2/NDF : 1601516.5/23

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.678+/-0.000 χ^2/NDF : 162028511198.7/10
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 2.673+/-0.000 χ^2/NDF : 231684903404.6/23
 Right Out: 2.668+/-0.000 χ^2/NDF : 69614977035.5/12
 In: 2.678+/-0.000 χ^2/NDF : 162028511198.7/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 2.673+/-0.000 χ^2/NDF : 231684903404.6

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2571091.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2136083.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

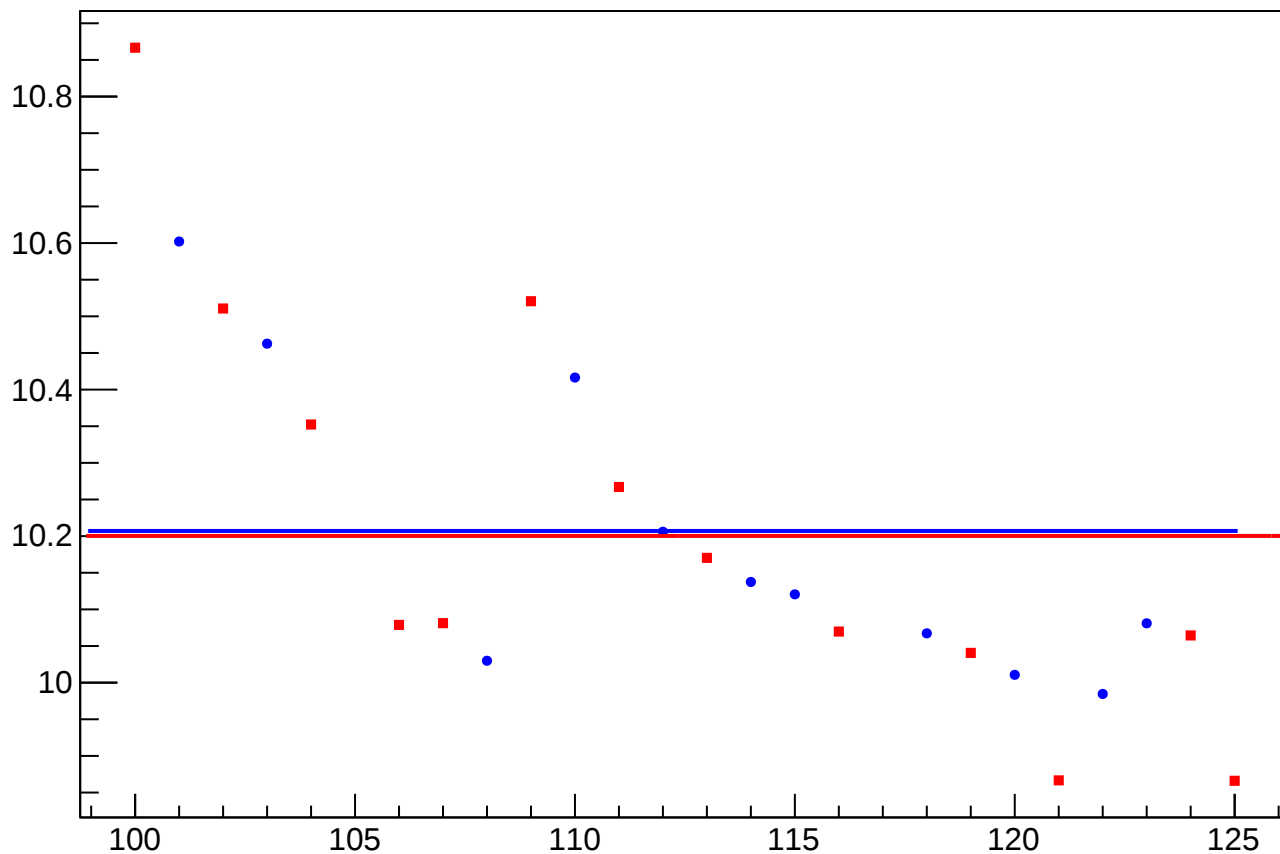
Right: 0.002+/-0.000 χ^2/NDF : 4707210.3/23

In: 0.002+/-0.000 χ^2/NDF : 2571091.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4707210.3/23

yield_sam8_mean vs Slug, Sign Corrected



Right In: 10.207+/-0.000 χ^2/NDF : 2889210428.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.200+/-0.000 χ^2/NDF : 4902251096.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

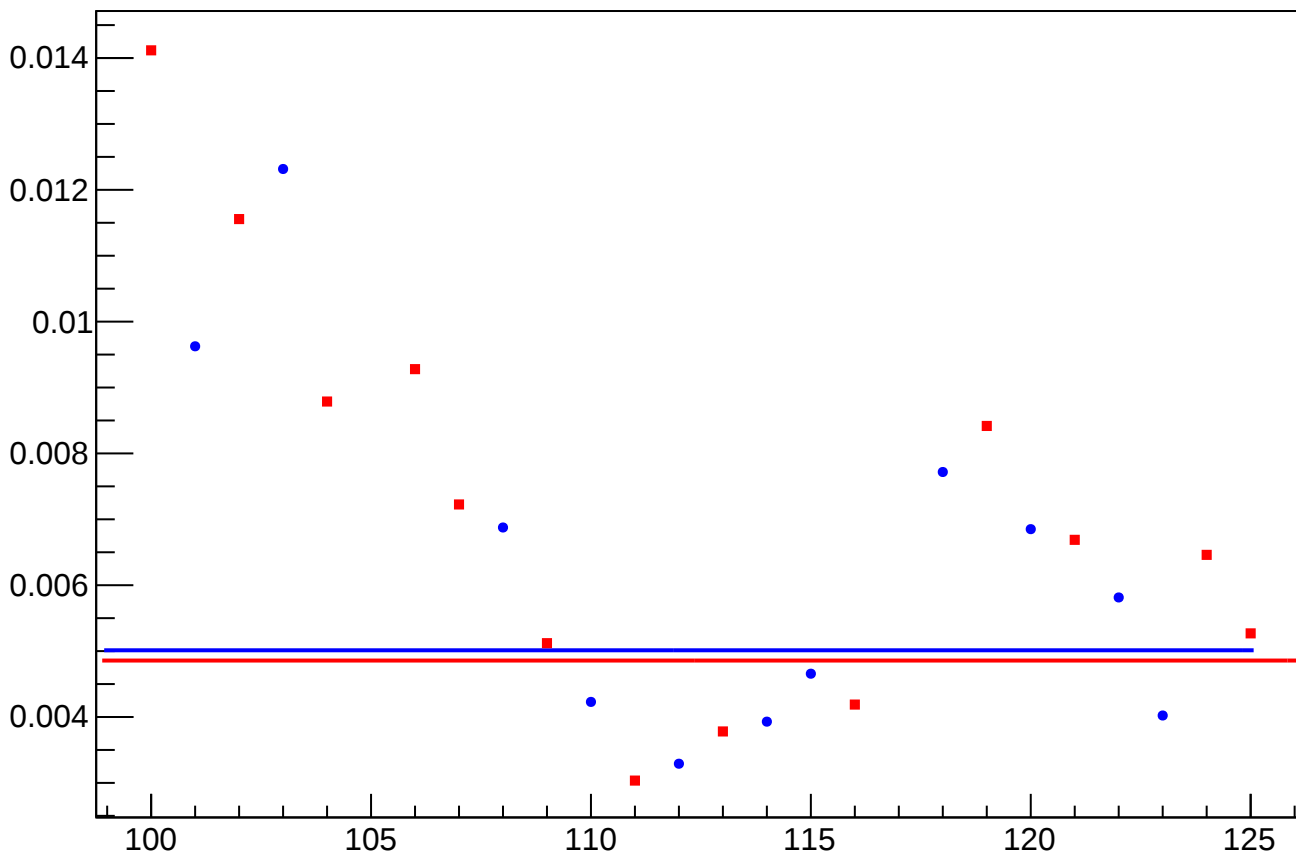
Right: 10.203+/-0.000 χ^2/NDF : 7794367106.4/23

In: 10.207+/-0.000 χ^2/NDF : 2889210428.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.203+/-0.000 χ^2/NDF : 7794367106.4/23

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1098503.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1349426.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

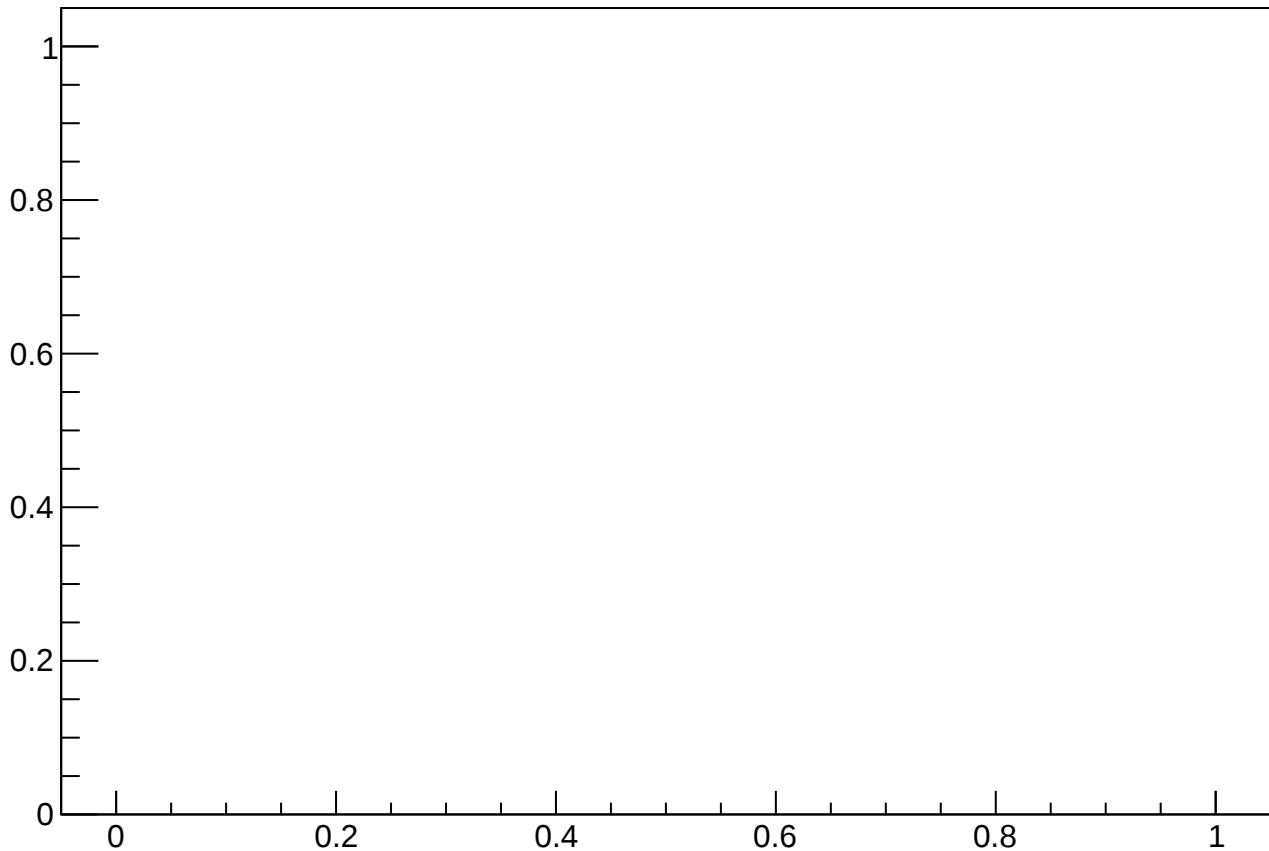
Right: 0.005+/-0.000 χ^2/NDF : 2451002.1/23

In: 0.005+/-0.000 χ^2/NDF :1098503.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2451002.1/23

cor_sam1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

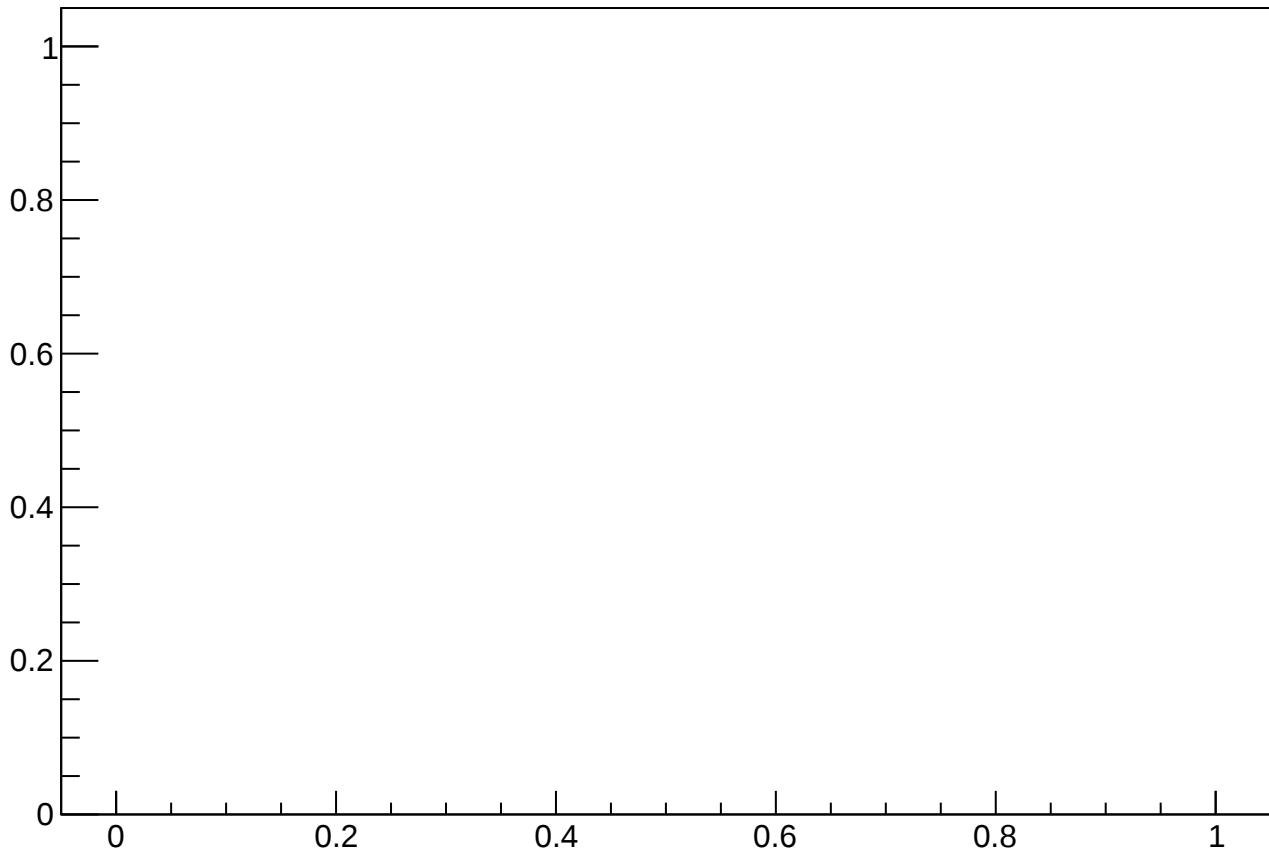
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

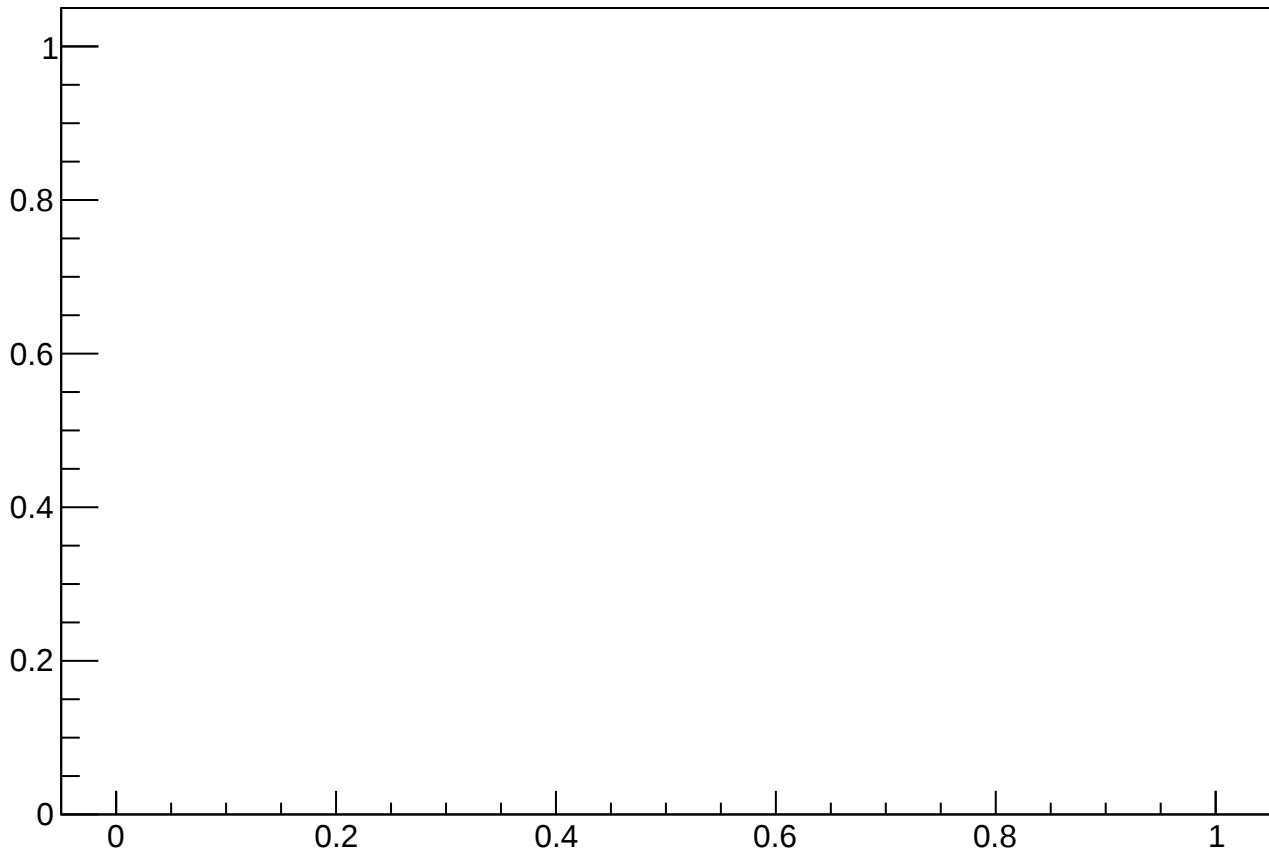
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

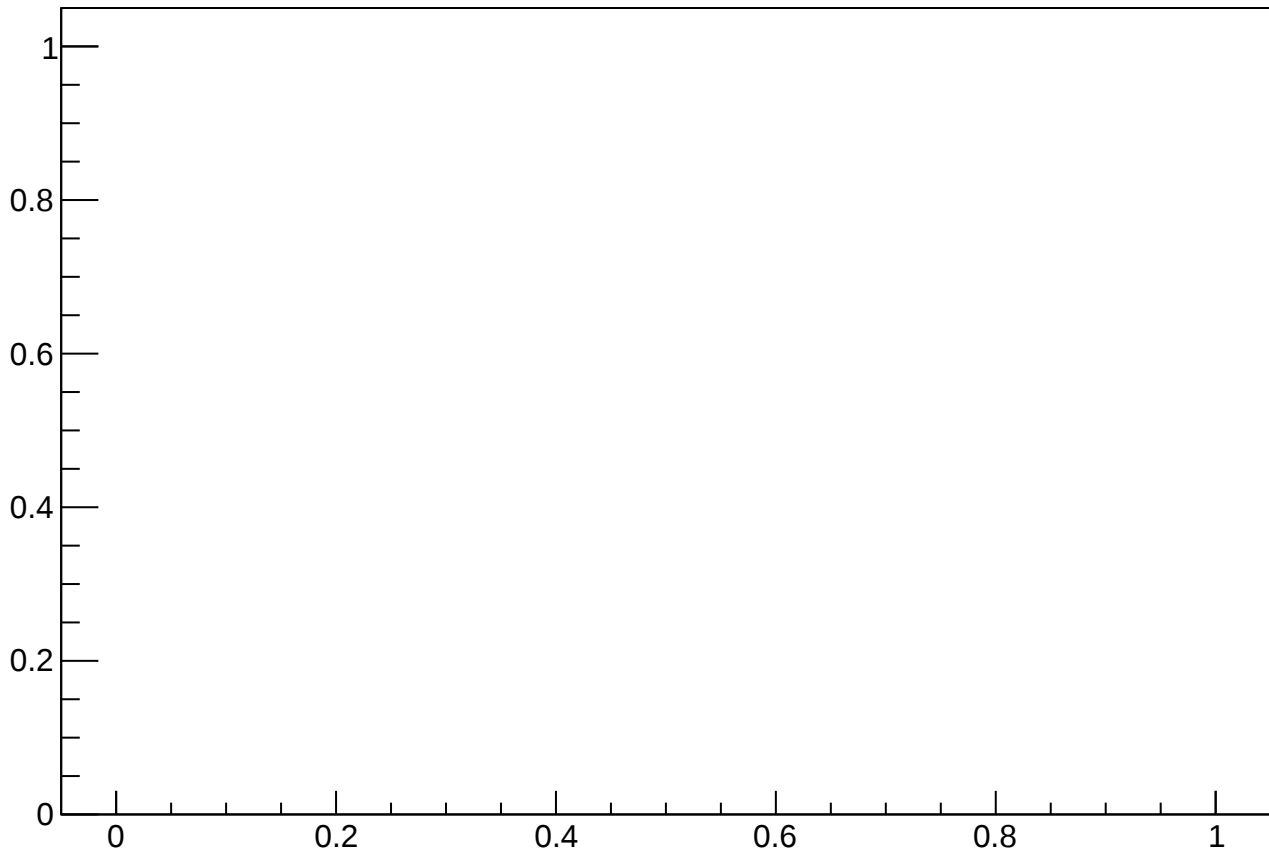
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

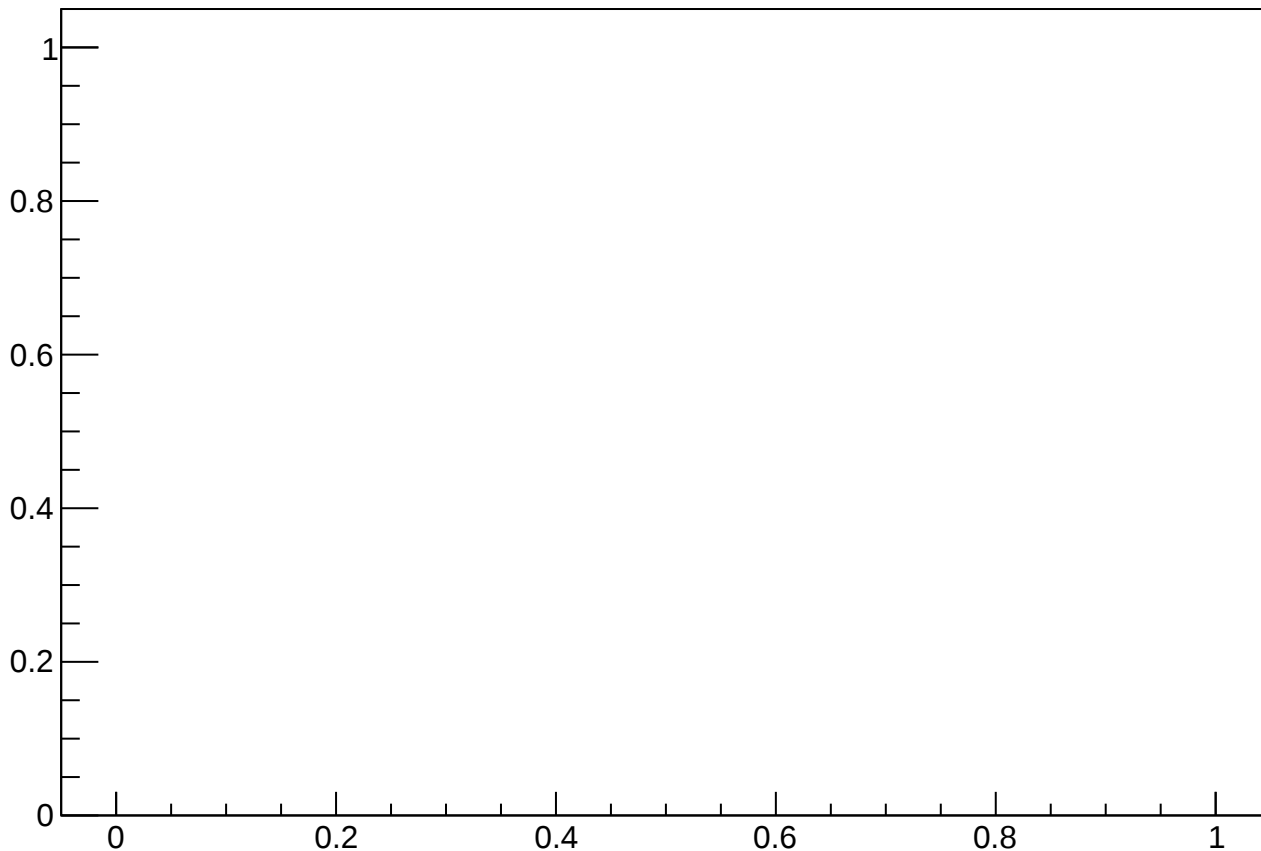
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

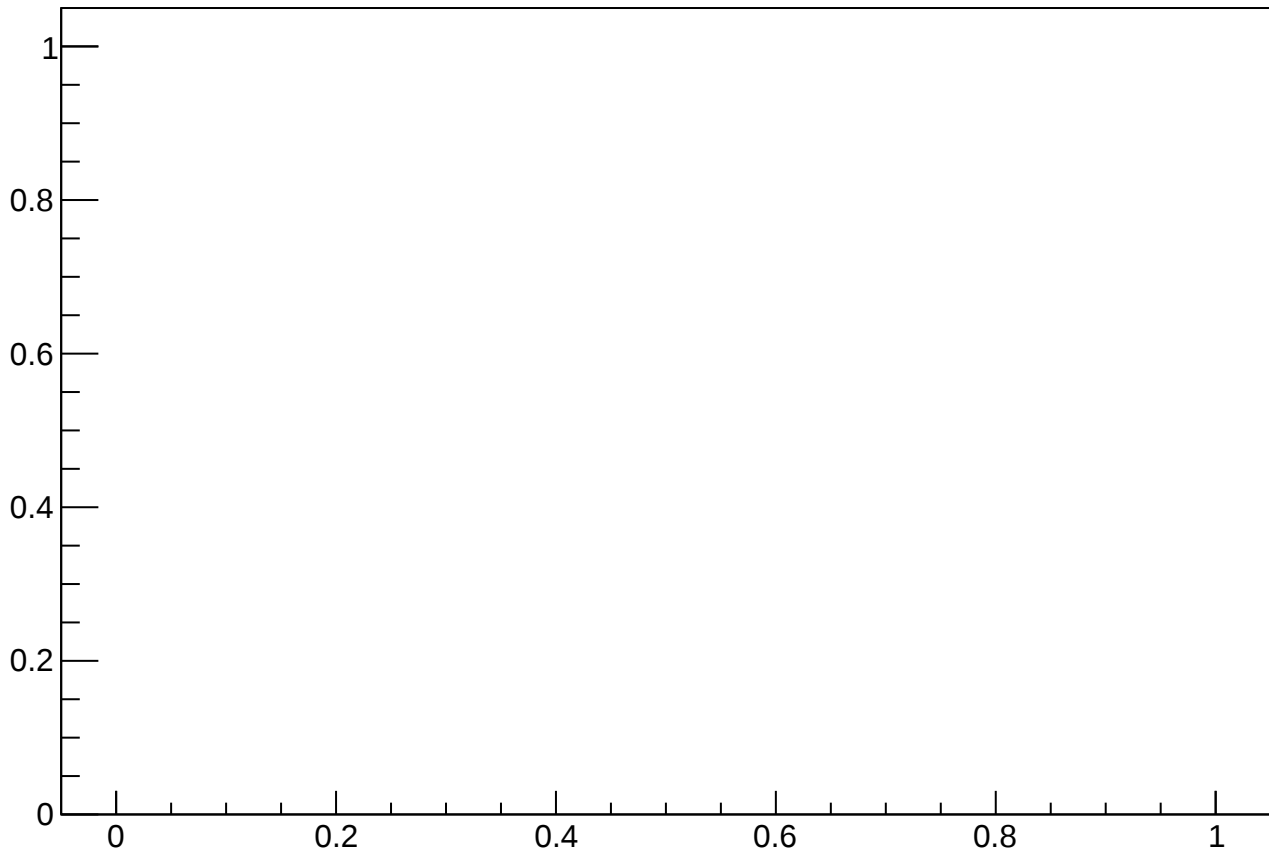
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam3_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

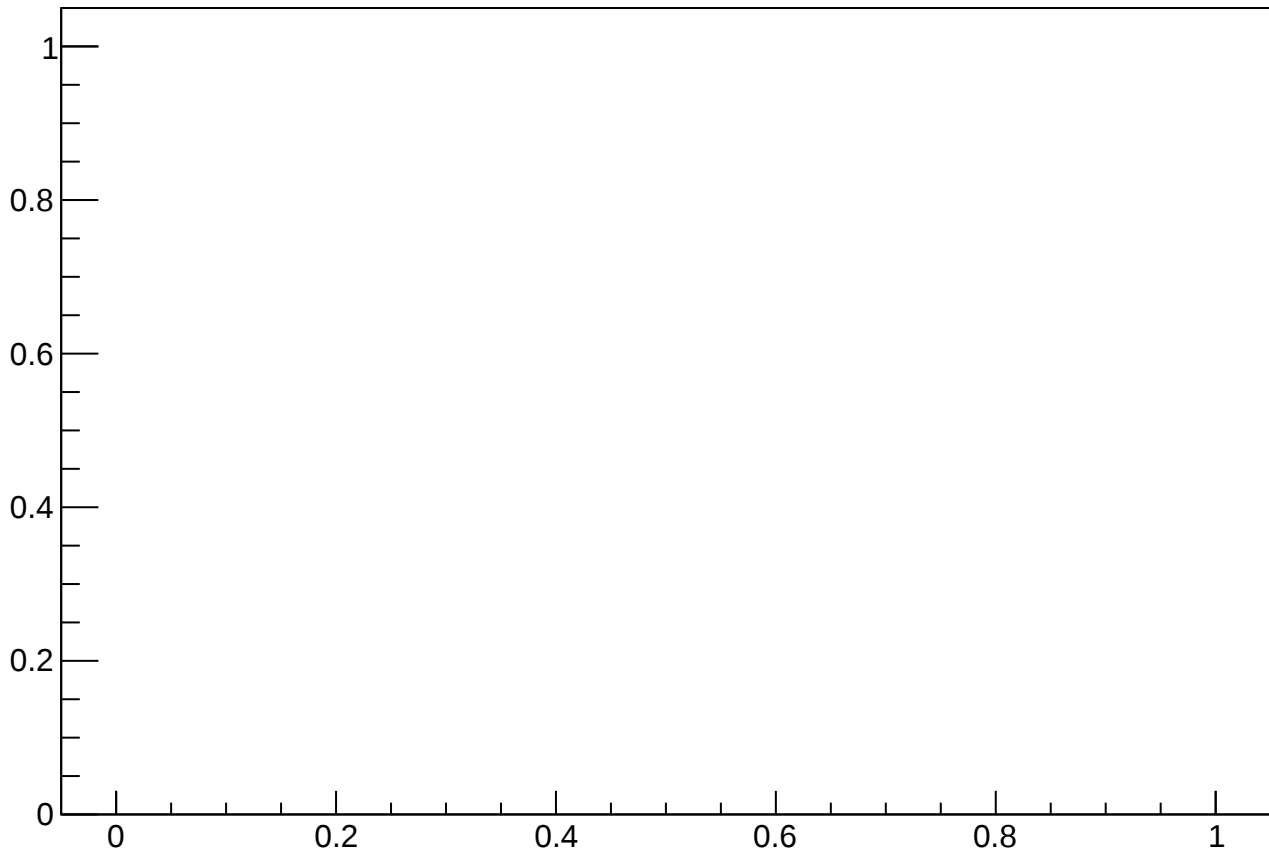
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

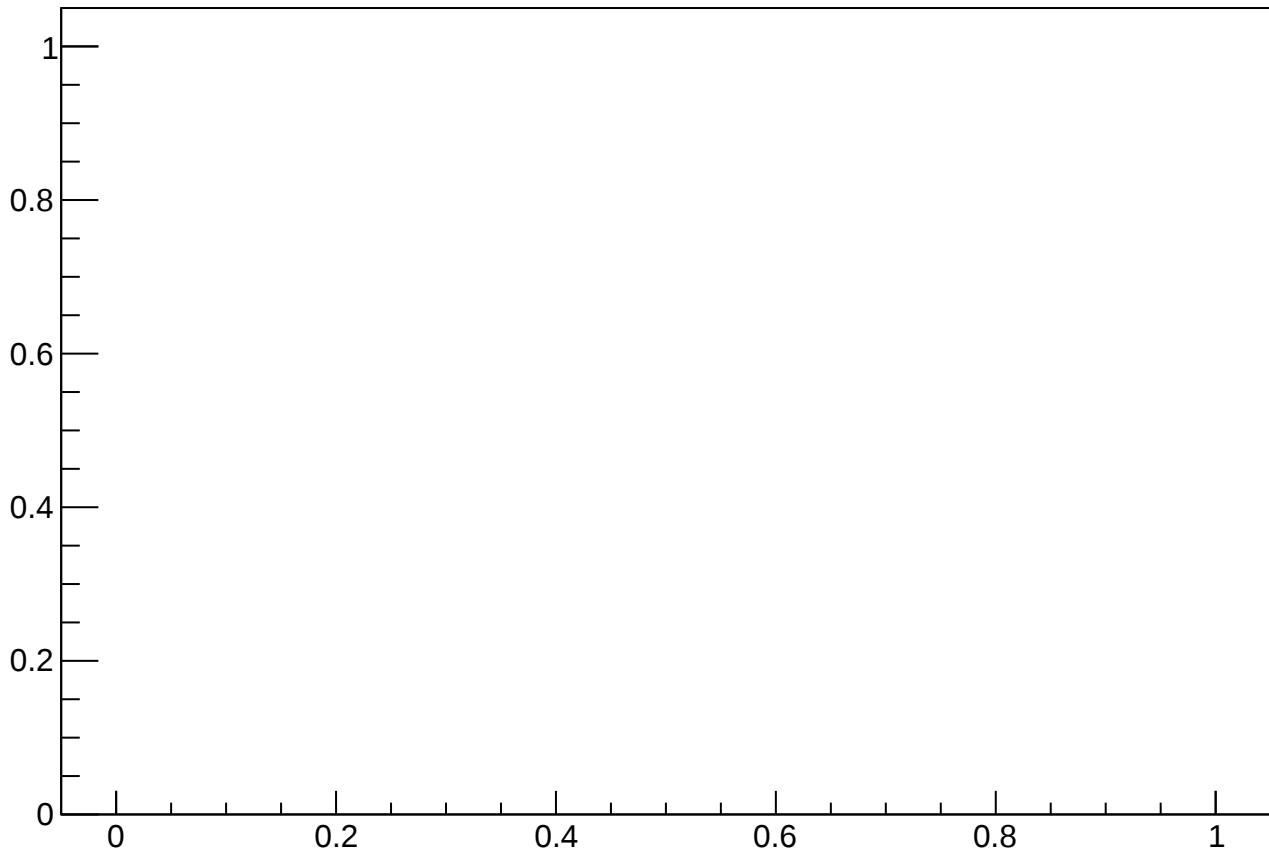
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam4_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

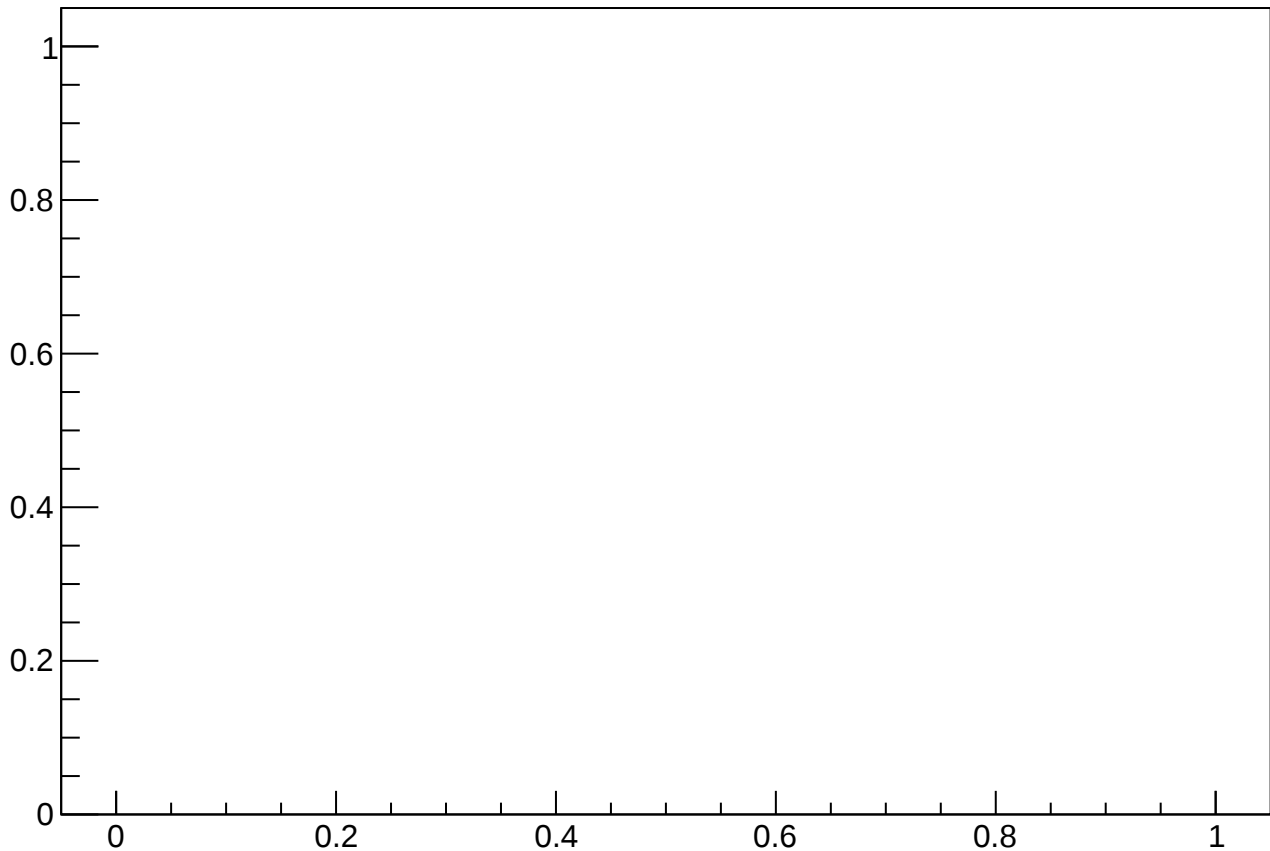
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam5_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

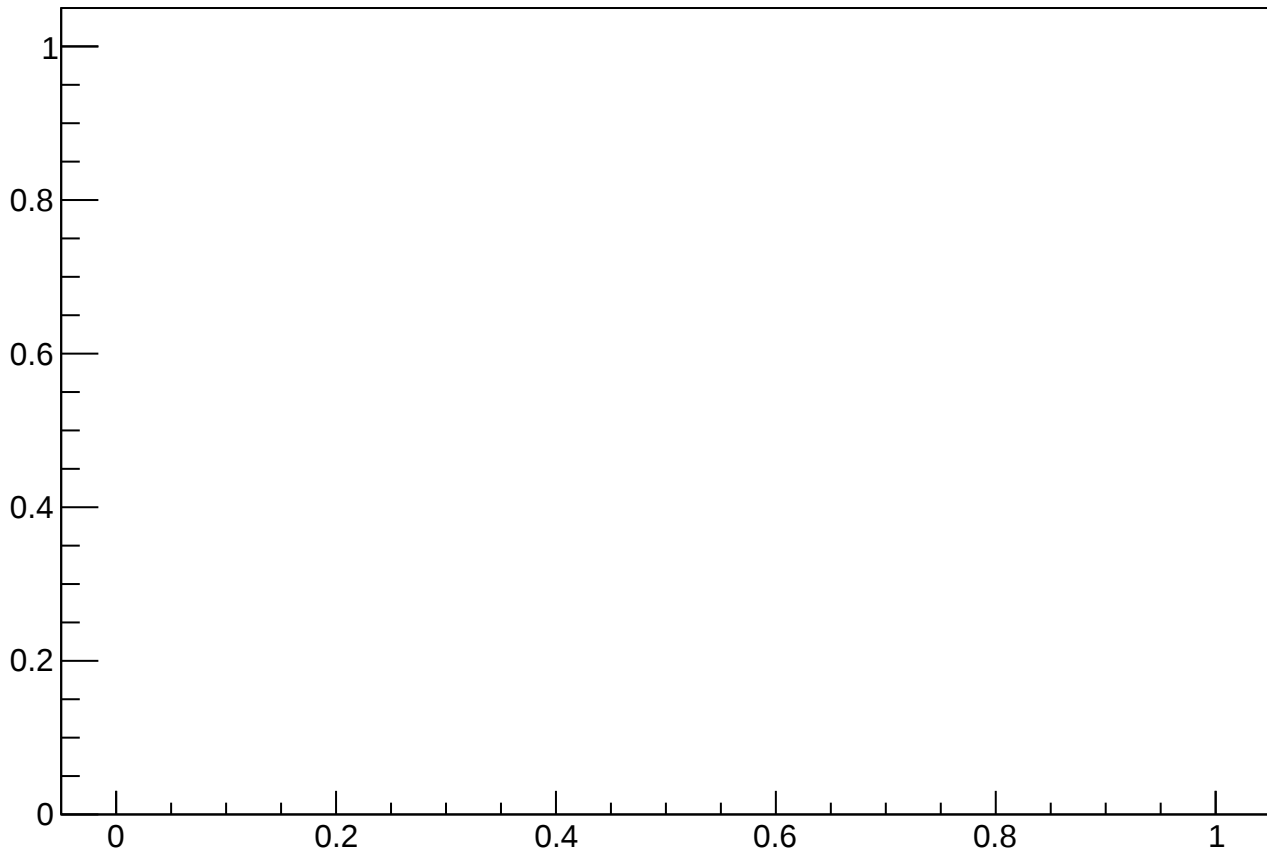
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam5_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

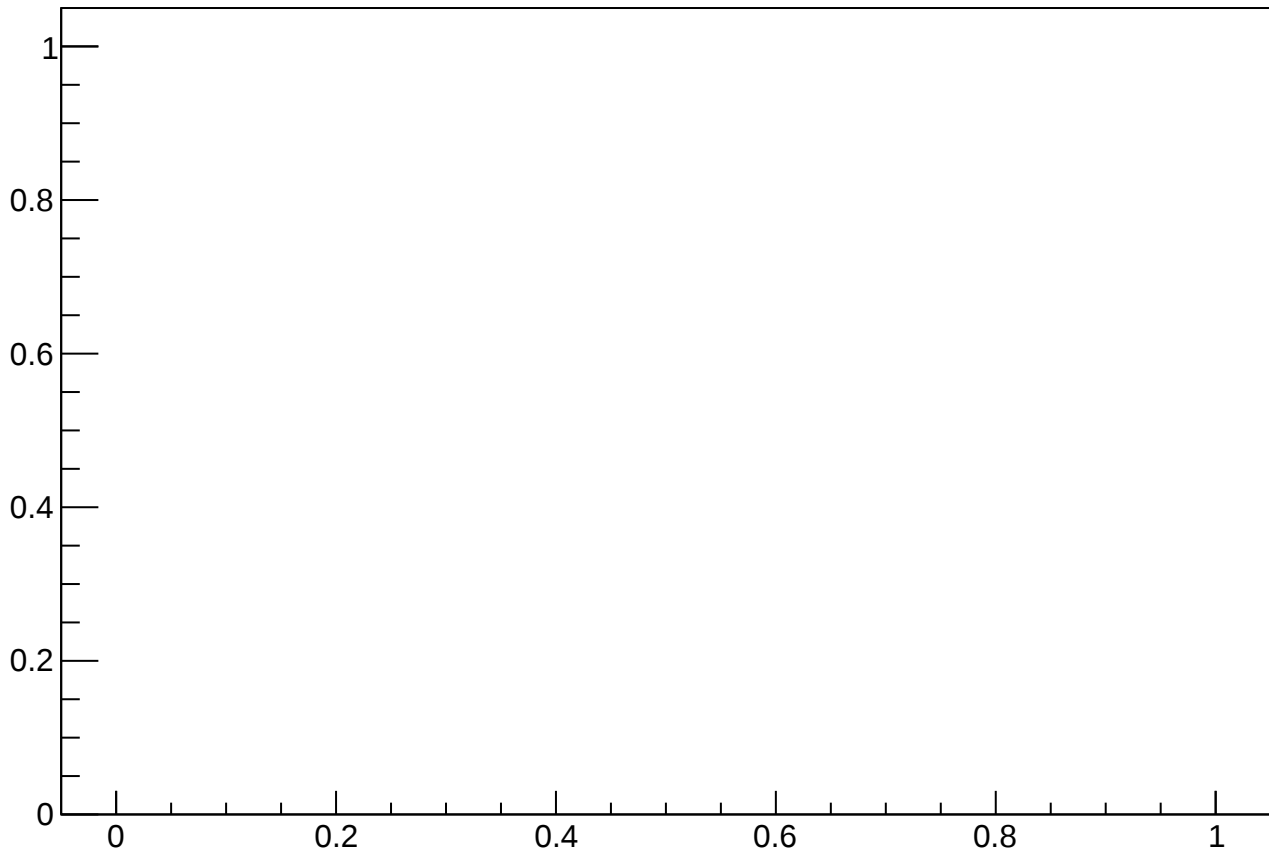
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

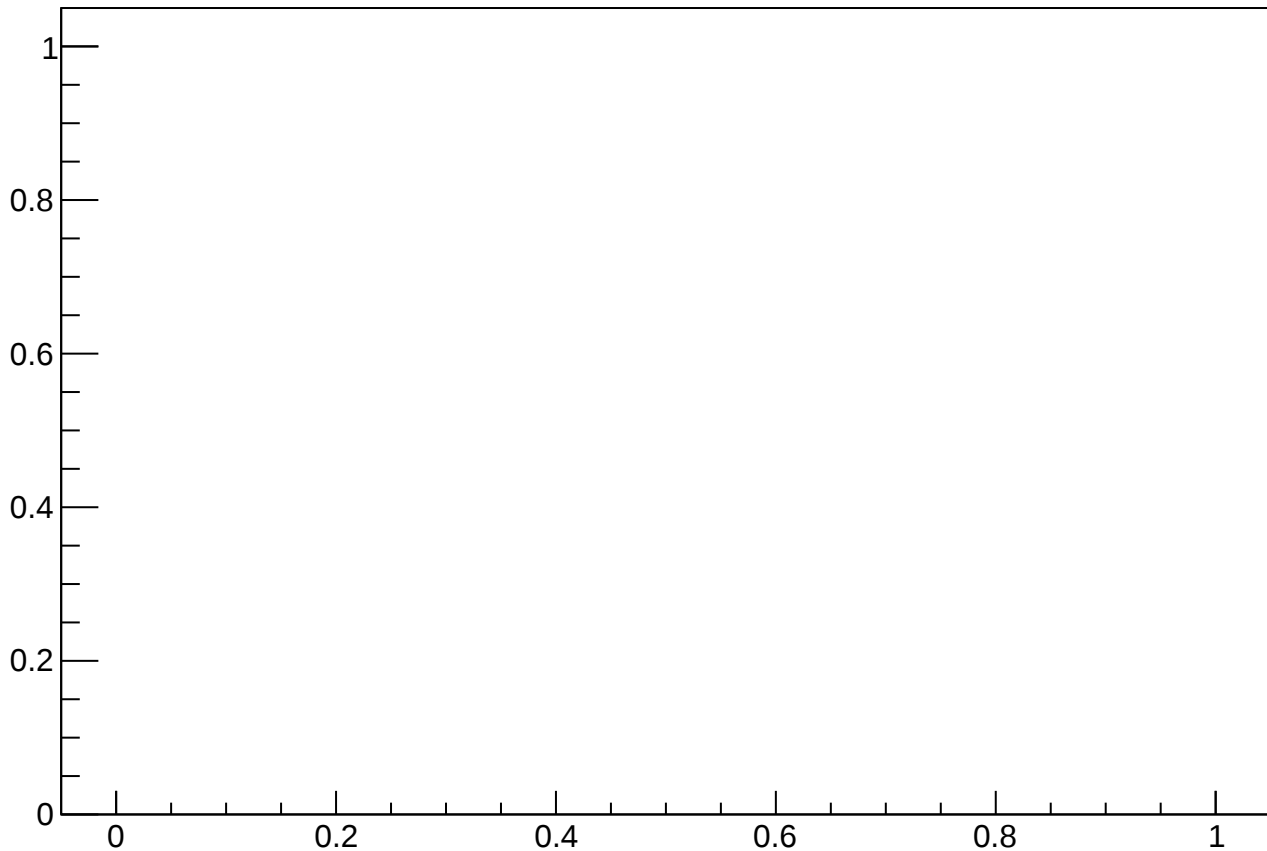
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam6_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

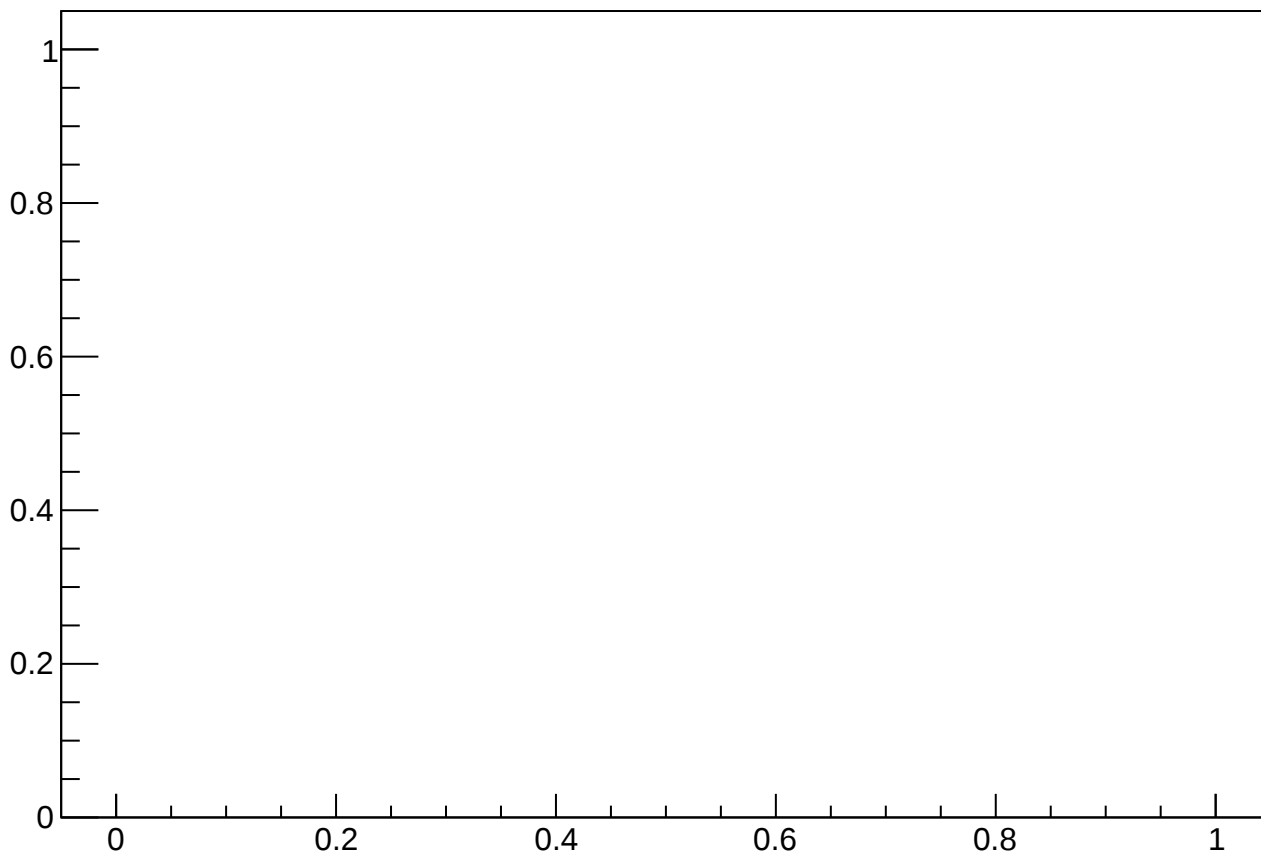
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

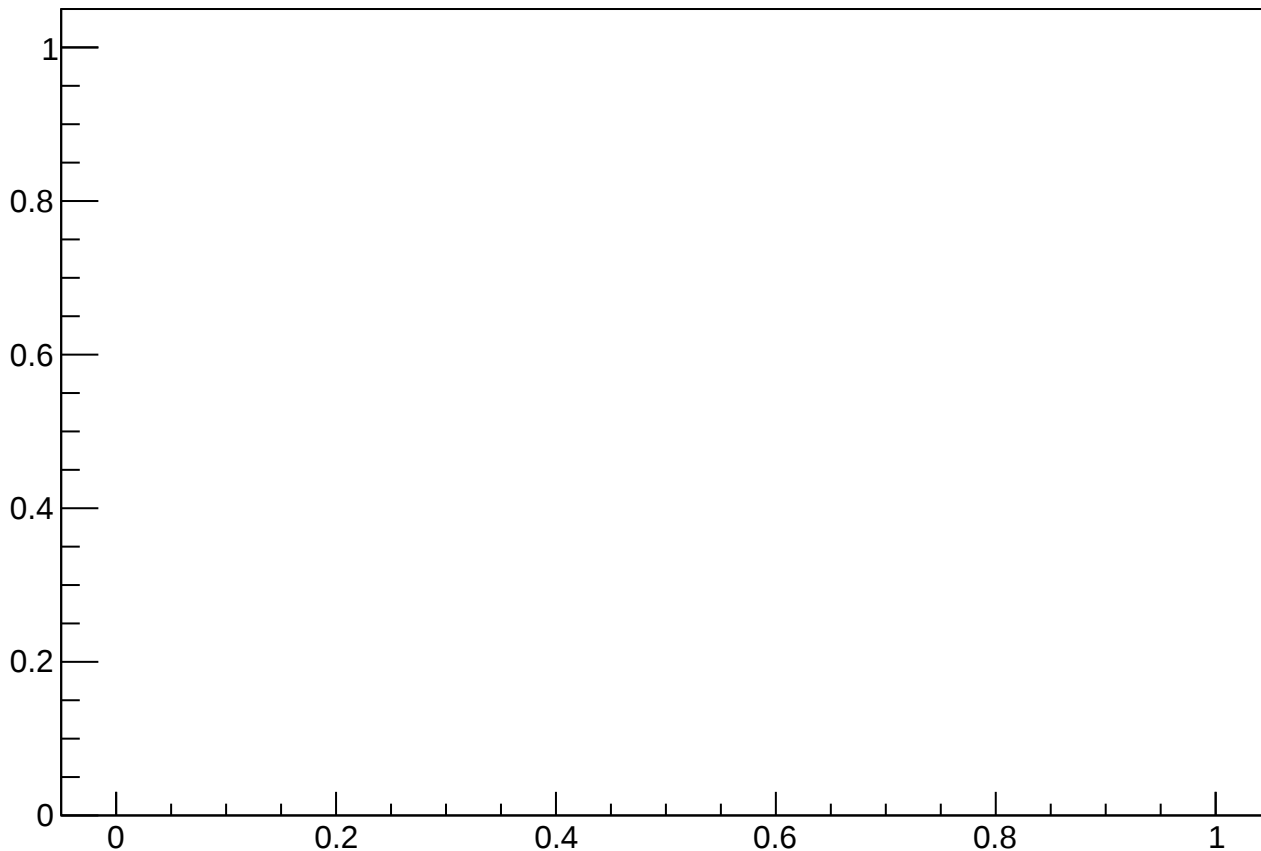
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam7_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam8_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

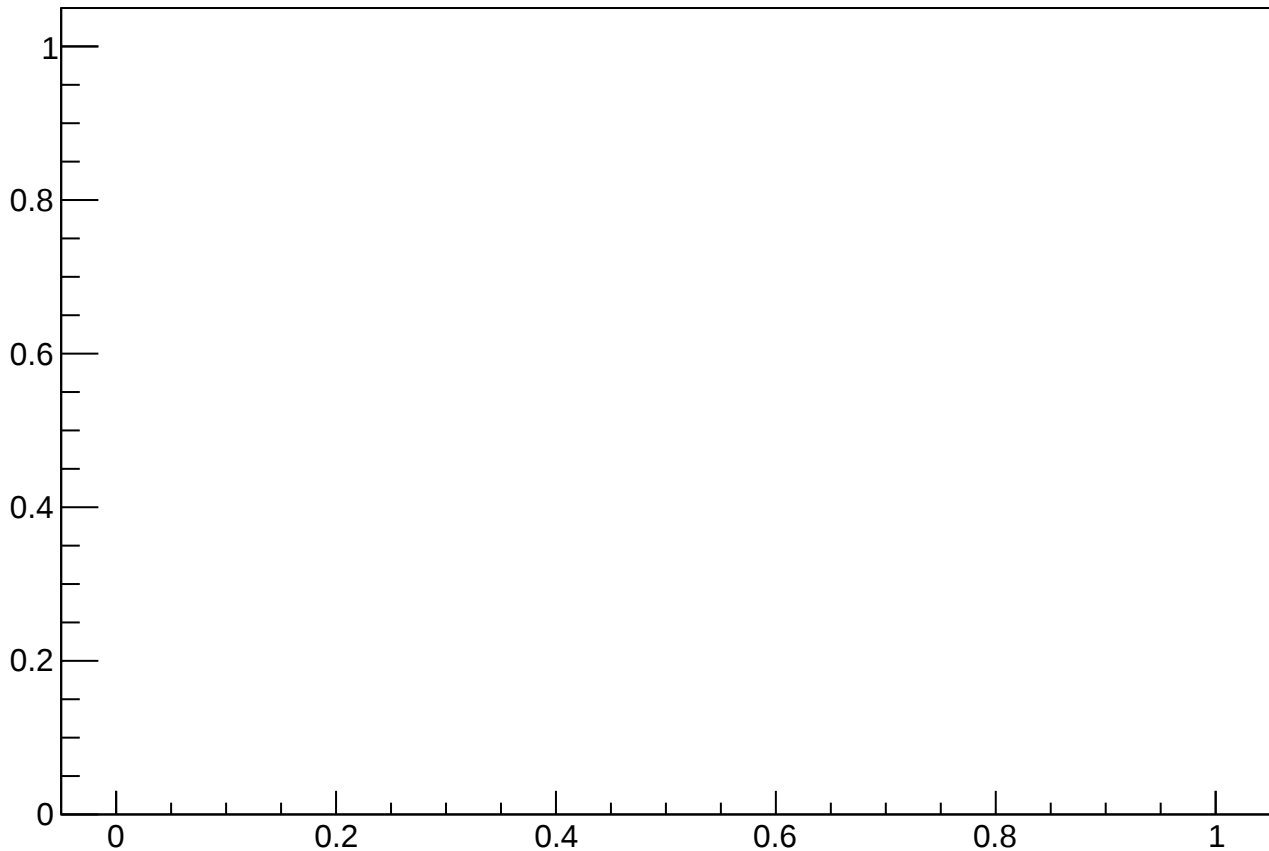
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam8_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

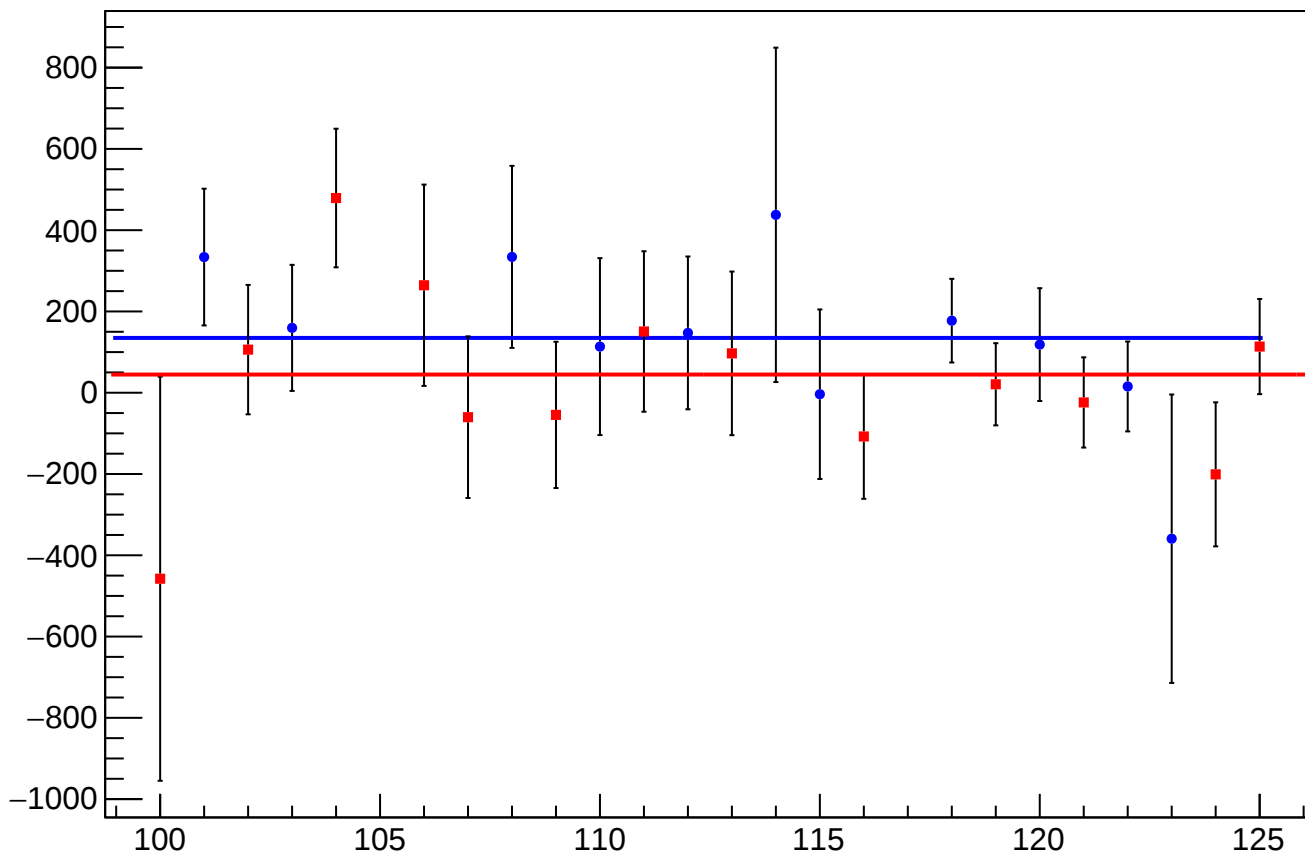
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_mean vs Slug, Sign Corrected



Right In: 134.887 $\pm$ 49.327 χ^2 /NDF: 6.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 44.768 $\pm$ 43.566 χ^2 /NDF: 13.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

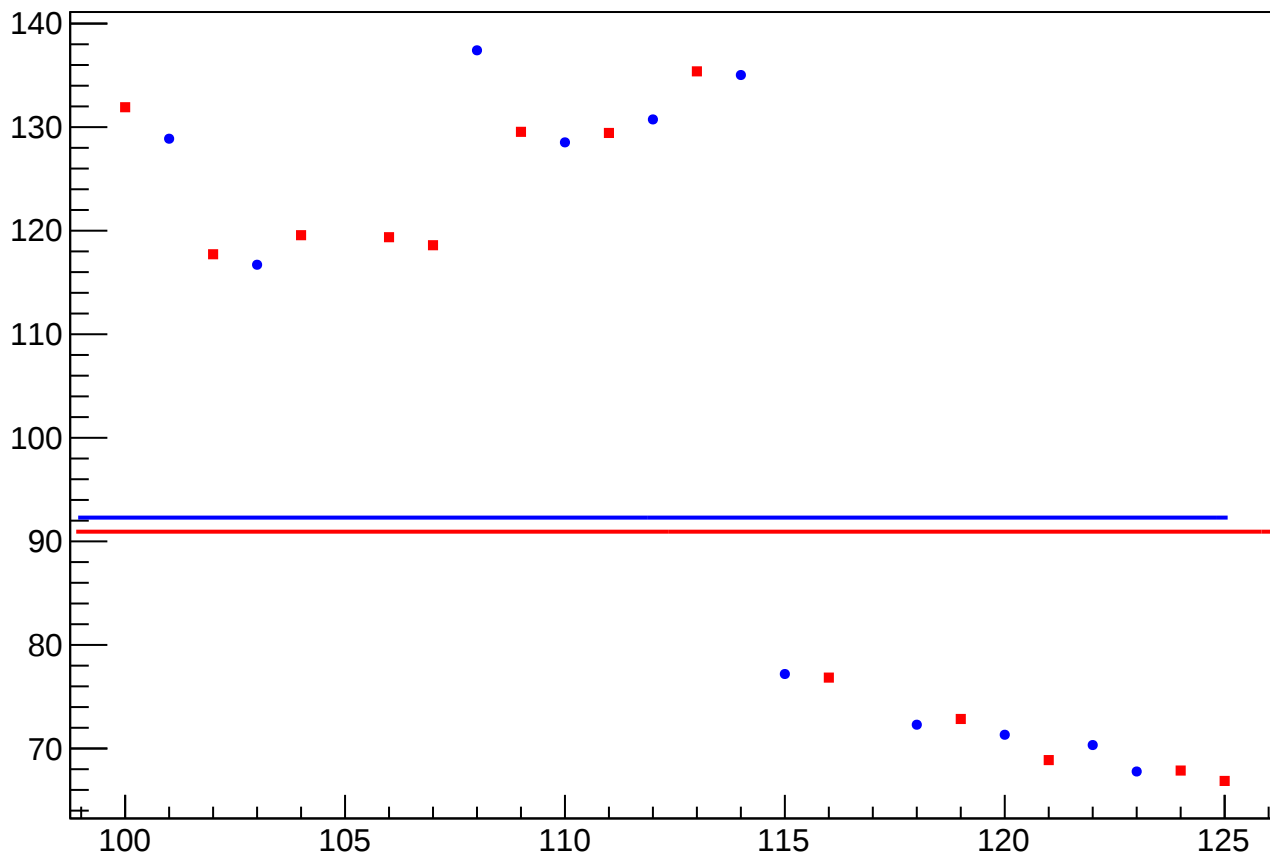
Right: 84.260 $\pm$ 32.654 χ^2 /NDF: 21.4/23

In: 134.887 $\pm$ 49.327 χ^2 /NDF: 6.5/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 84.260 $\pm$ 32.654 χ^2 /NDF: 21.4/23

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 92.296+/-0.035 χ^2/NDF : 605882.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 90.936+/-0.031 χ^2/NDF : 735418.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

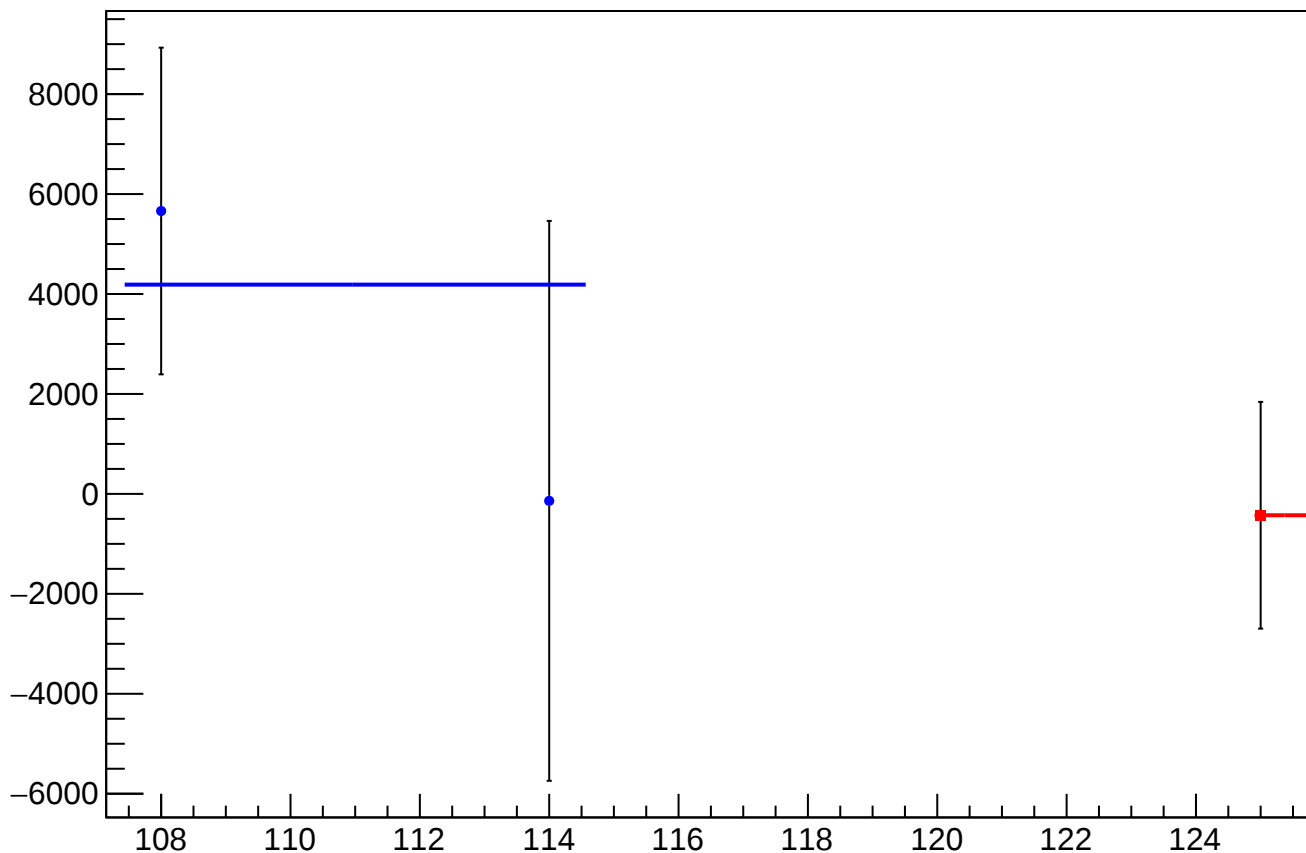
Right: 91.532+/-0.023 χ^2/NDF : 1342154.8/23

In: 92.296+/-0.035 χ^2/NDF :605882.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 91.532+/-0.023 χ^2/NDF : 1342154.8/23

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: 4187.603+/-2823.156 χ^2/NDF : 0.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -427.454+/-2268.681 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

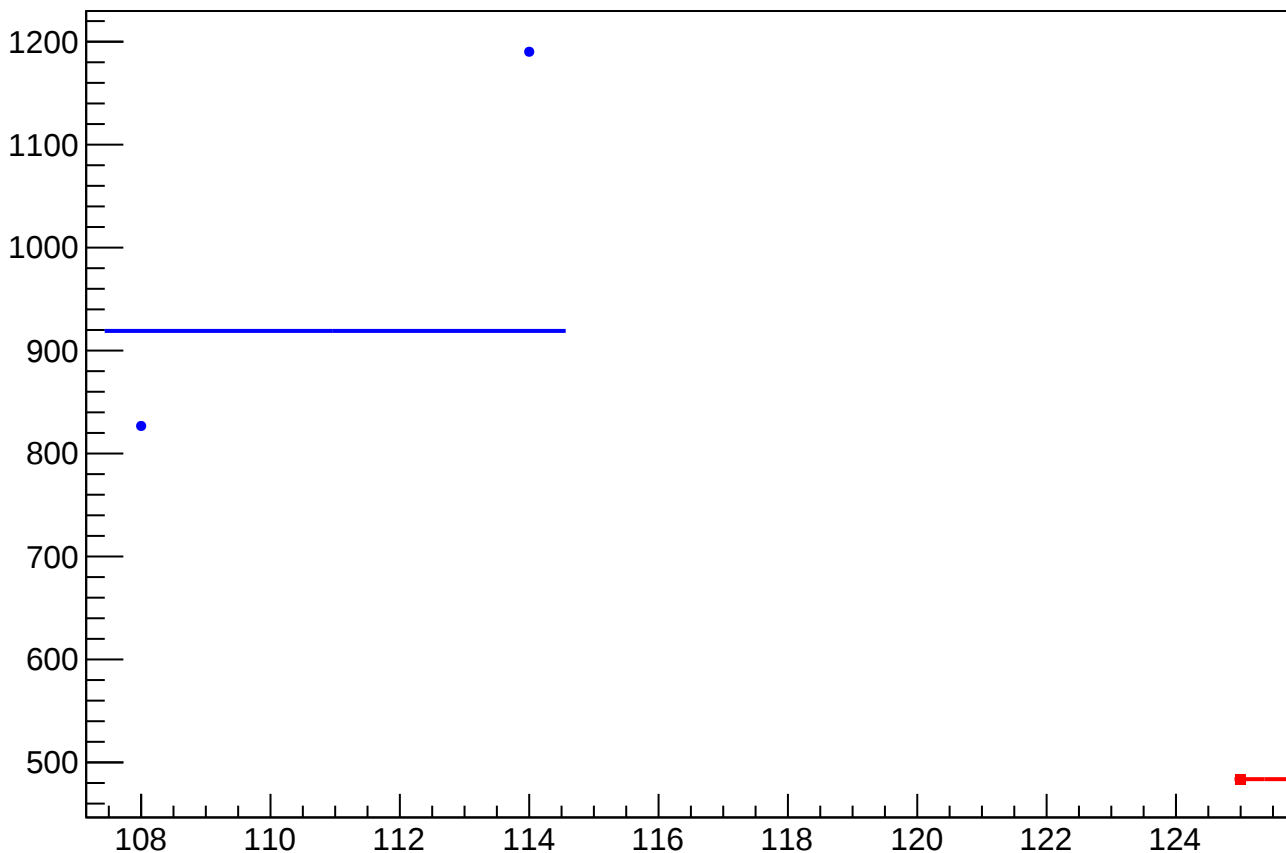
Right: 1383.408+/-1768.435 χ^2/NDF : 2.4/2

In: 4187.603+/-2823.156 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1383.408+/-1768.435 χ^2/NDF : 2.4/2

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 919.097 $\pm$ 1.996 χ^2 /NDF: 6280.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 483.745 $\pm$ 1.604 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

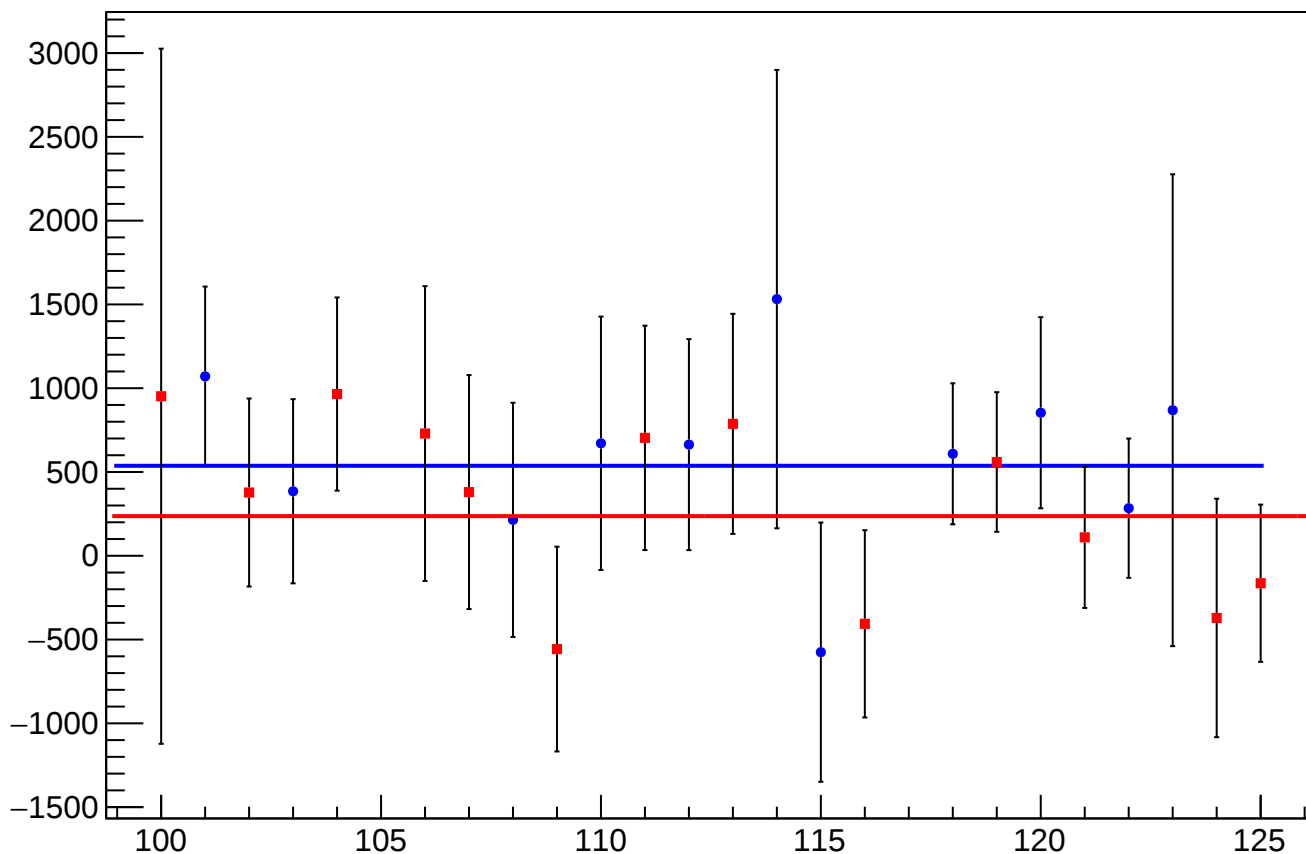
Right: 654.569 $\pm$ 1.250 χ^2 /NDF: 35178.5/2

In: 919.097 $\pm$ 1.996 χ^2 /NDF:6280.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 654.569 $\pm$ 1.250 χ^2 /NDF: 35178.5/2

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 537.031+/-181.571 χ^2/NDF : 4.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 236.647+/-162.001 χ^2/NDF : 8.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

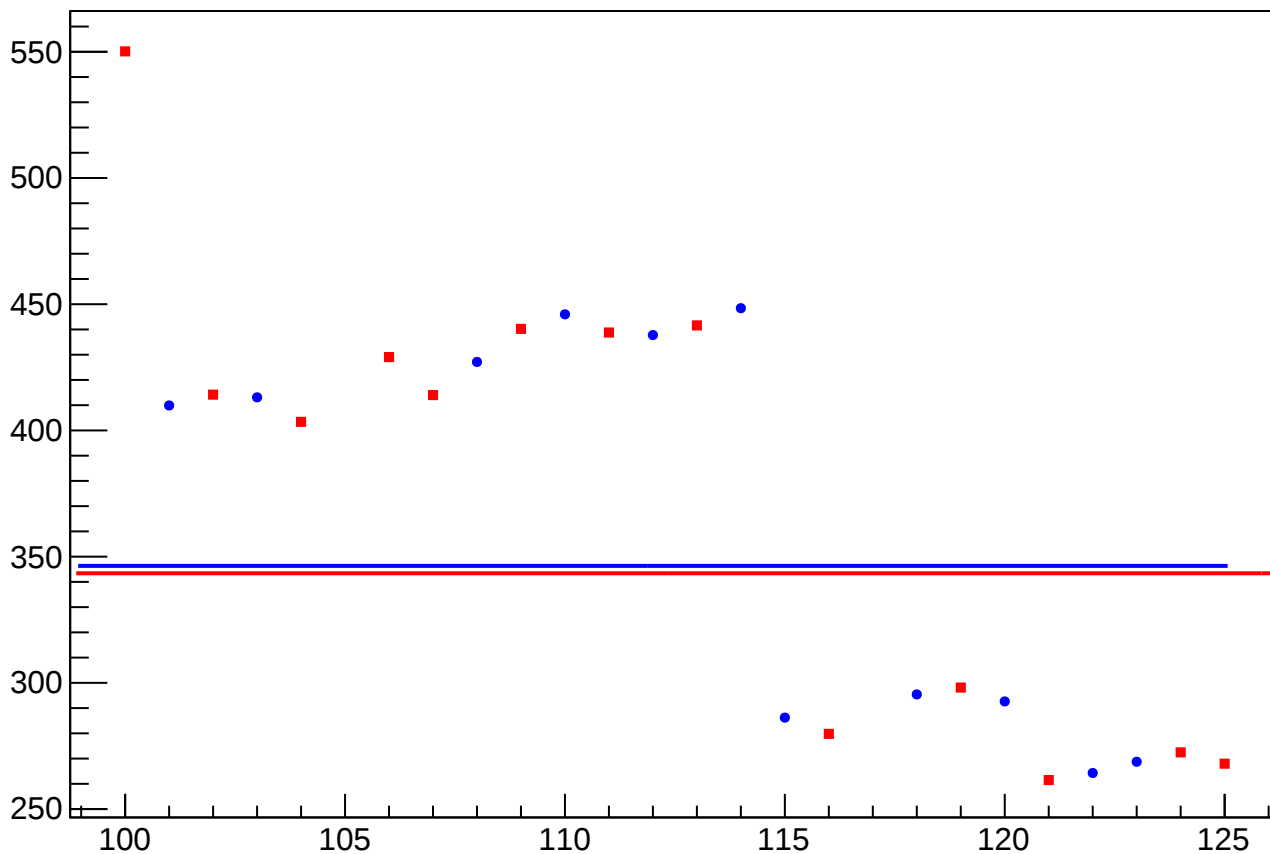
Right: 369.785+/-120.881 χ^2/NDF : 14.7/23

In: 537.031+/-181.571 χ^2/NDF : 4.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 369.785+/-120.881 χ^2/NDF : 14.7/23

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 346.343+/-0.128 χ^2/NDF : 315550.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 343.408+/-0.115 χ^2/NDF : 444992.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

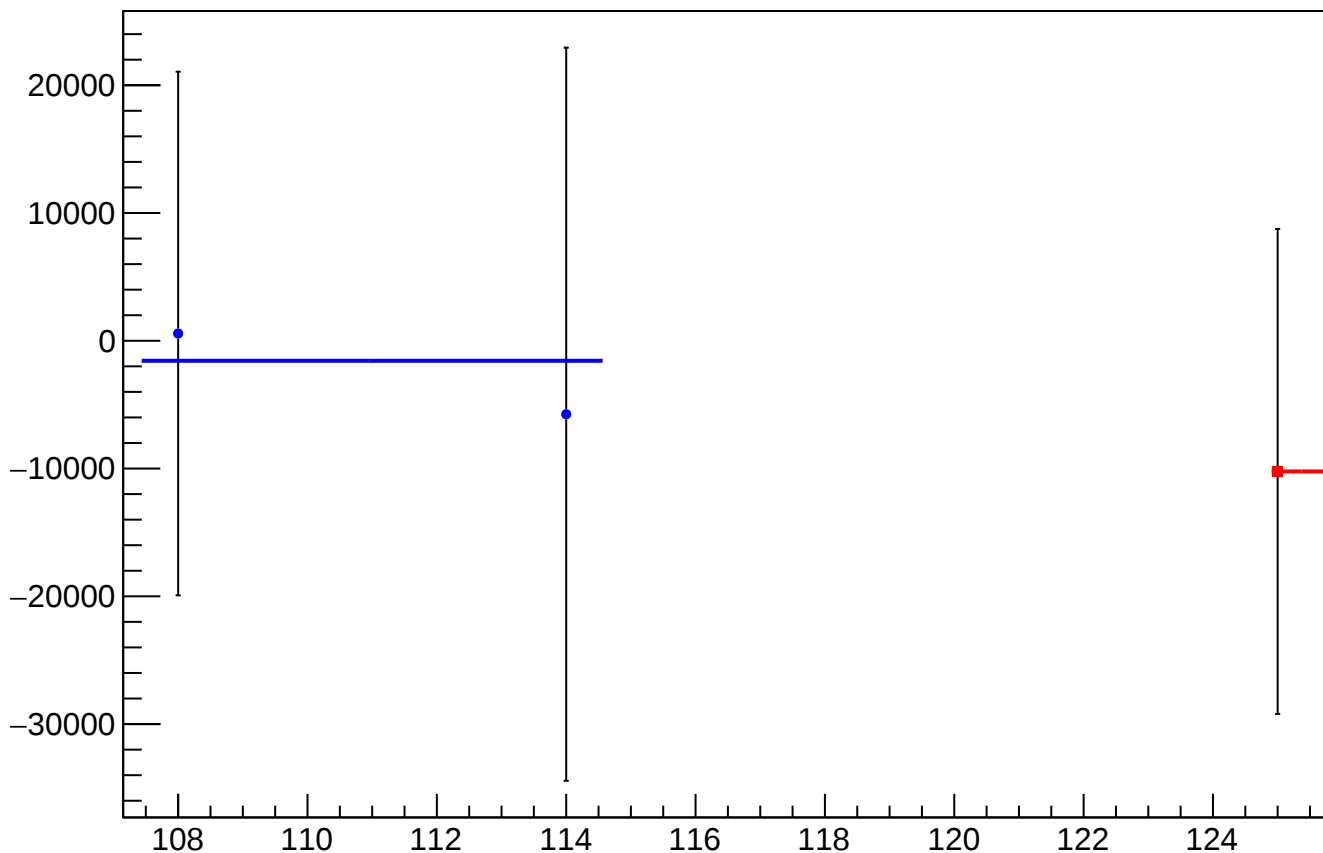
Right: 344.709+/-0.085 χ^2/NDF : 760834.4/23

In: 346.343+/-0.128 χ^2/NDF : 315550.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 344.709+/-0.085 χ^2/NDF : 760834.4/23

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -1565.882+/-16675.034 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10226.181+/-18980.888 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

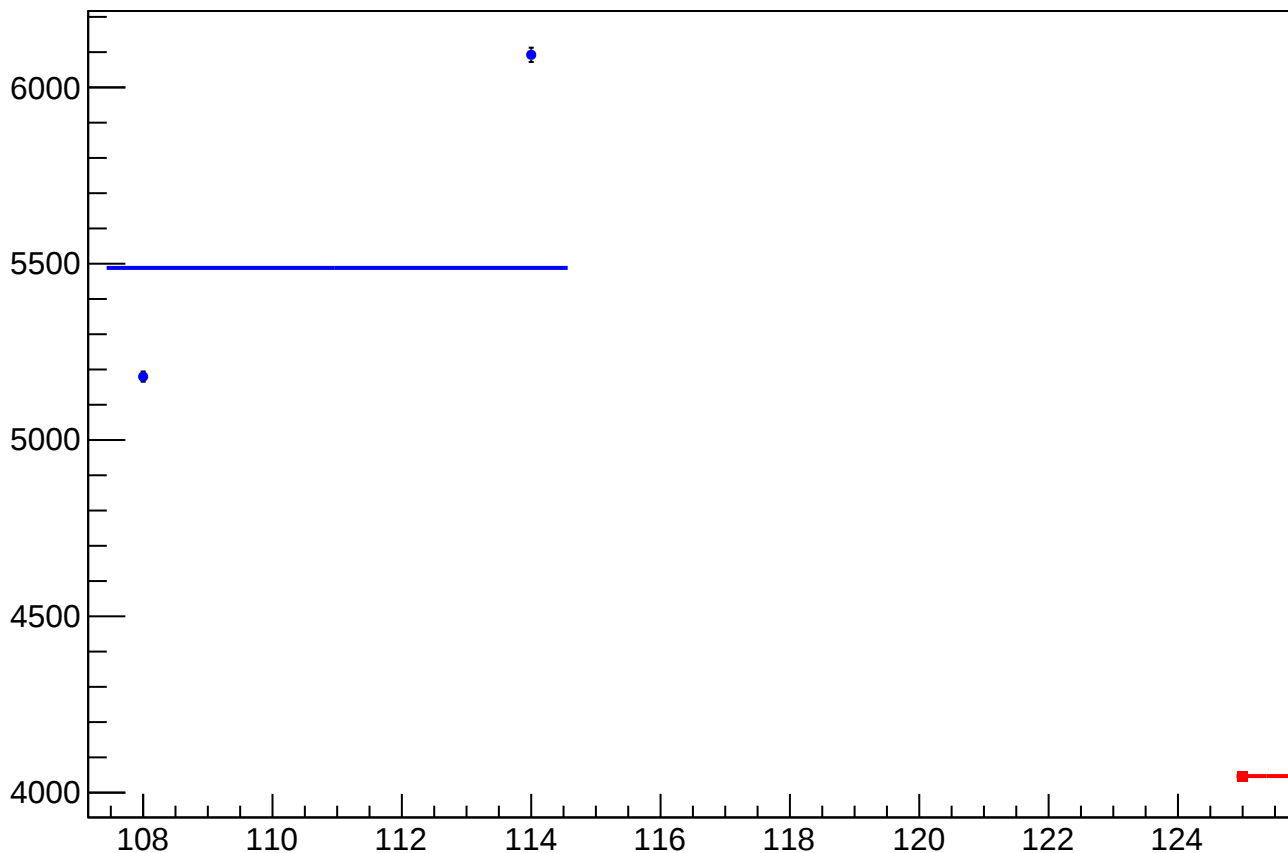
Right: -5338.306+/-12527.382 χ^2/NDF : 0.1/2

In: -1565.882+/-16675.034 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5338.306+/-12527.382 χ^2/NDF : 0.1/2

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 5488.121+/-11.791 χ^2/NDF : 1339.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4046.969+/-13.422 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

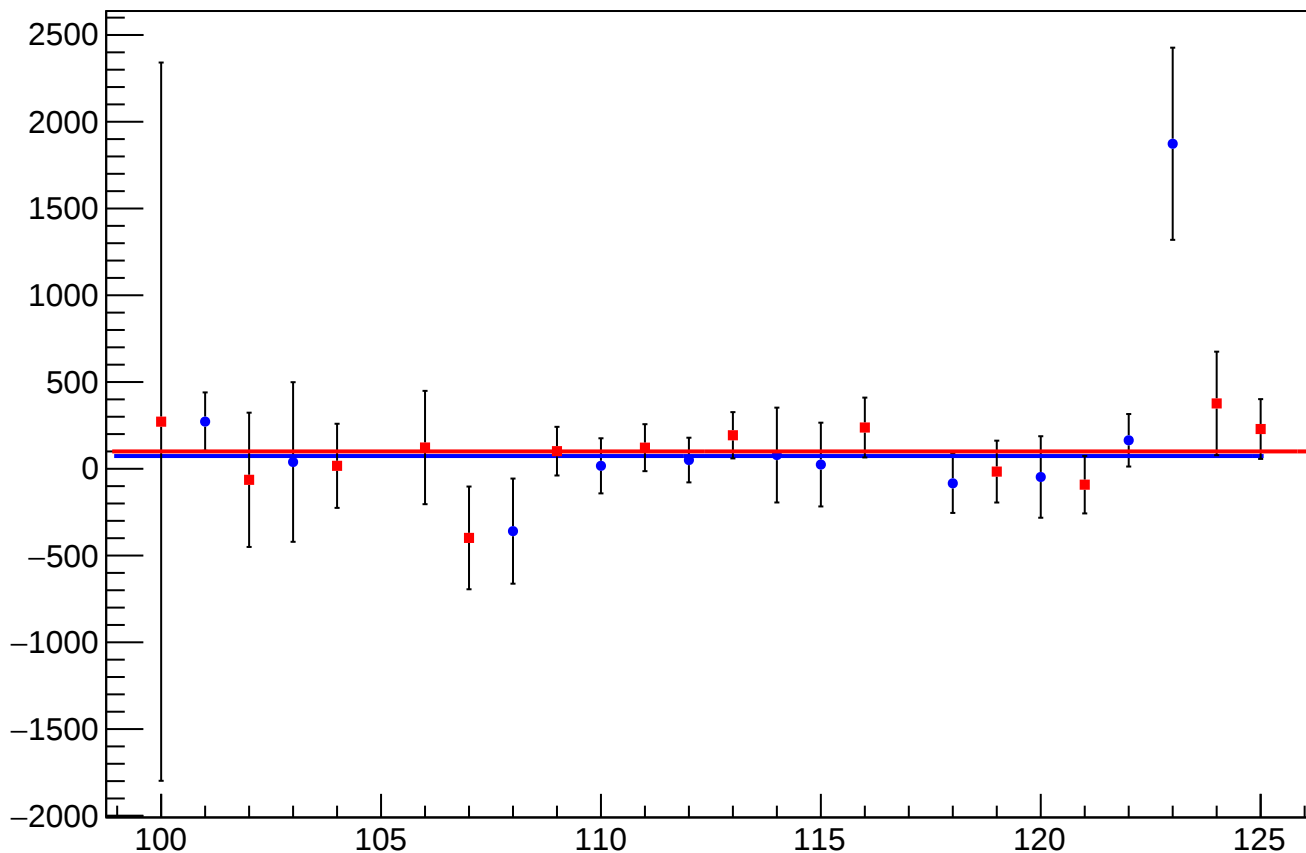
Right: 4860.356+/-8.858 χ^2/NDF : 7847.2/2

In: 5488.121+/-11.791 χ^2/NDF : 1339.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4860.356+/-8.858 χ^2/NDF : 7847.2/2

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 73.421+/-59.663 χ^2/NDF : 15.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.075+/-53.232 χ^2/NDF : 7.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

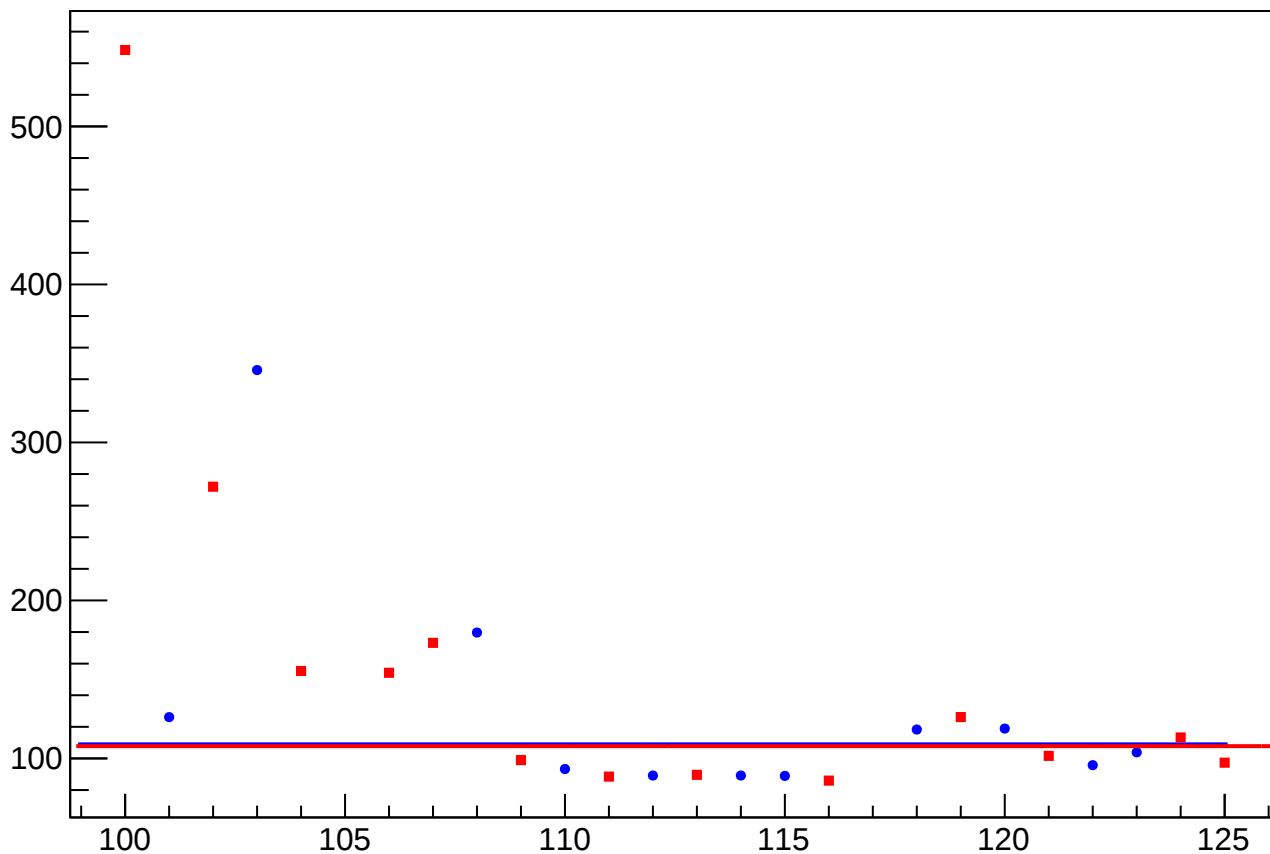
Right: 88.261+/-39.721 χ^2/NDF : 23.3/23

In: 73.421+/-59.663 χ^2/NDF : 15.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.261+/-39.721 χ^2/NDF : 23.3/23

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 108.896+/-0.042 χ^2/NDF : 776023.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.775+/-0.038 χ^2/NDF : 815476.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

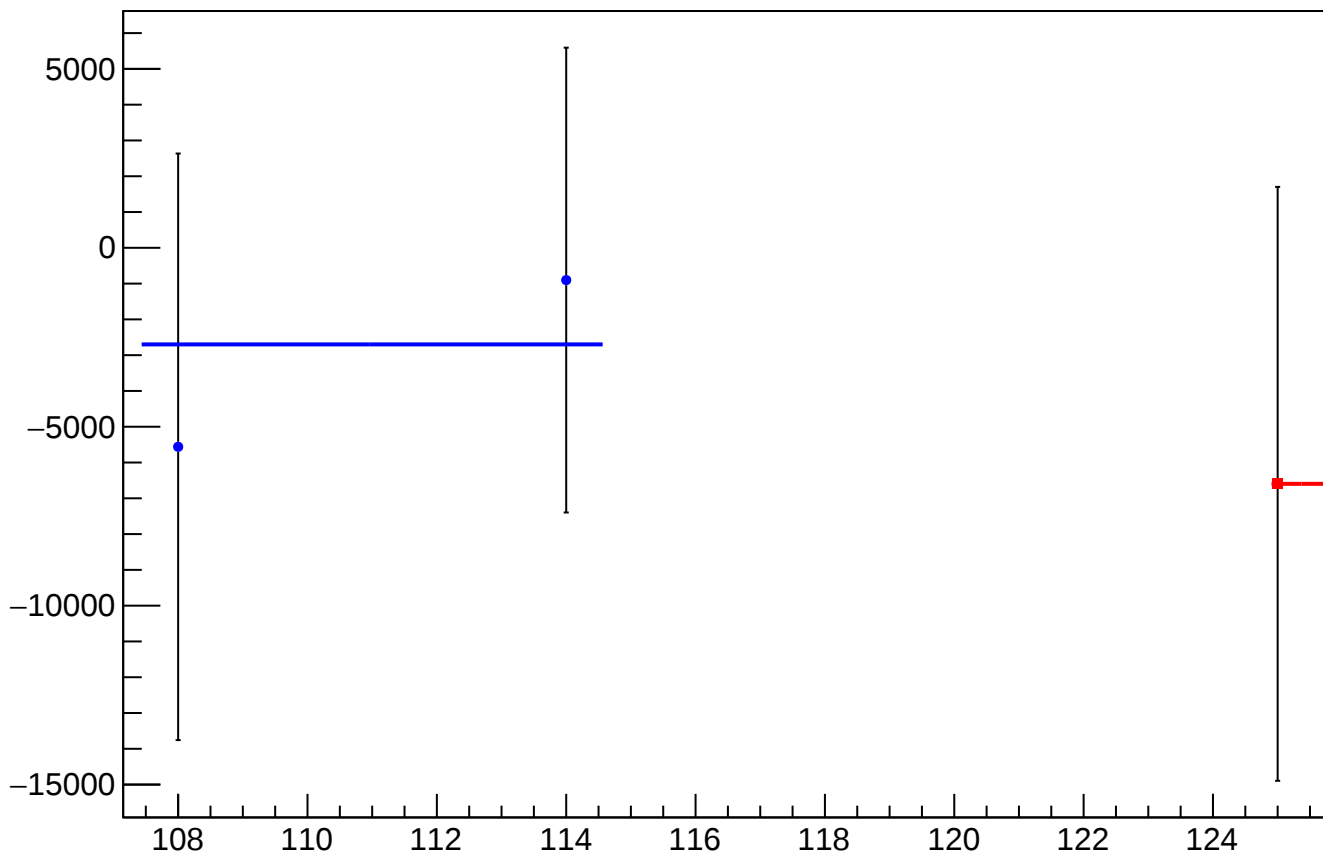
Right: 108.272+/-0.028 χ^2/NDF : 1591893.2/23

In: 108.896+/-0.042 χ^2/NDF : 776023.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.272+/-0.028 χ^2/NDF : 1591893.2/23

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -2699.064 $\pm$ 5090.267 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -6595.867 $\pm$ 8298.405 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

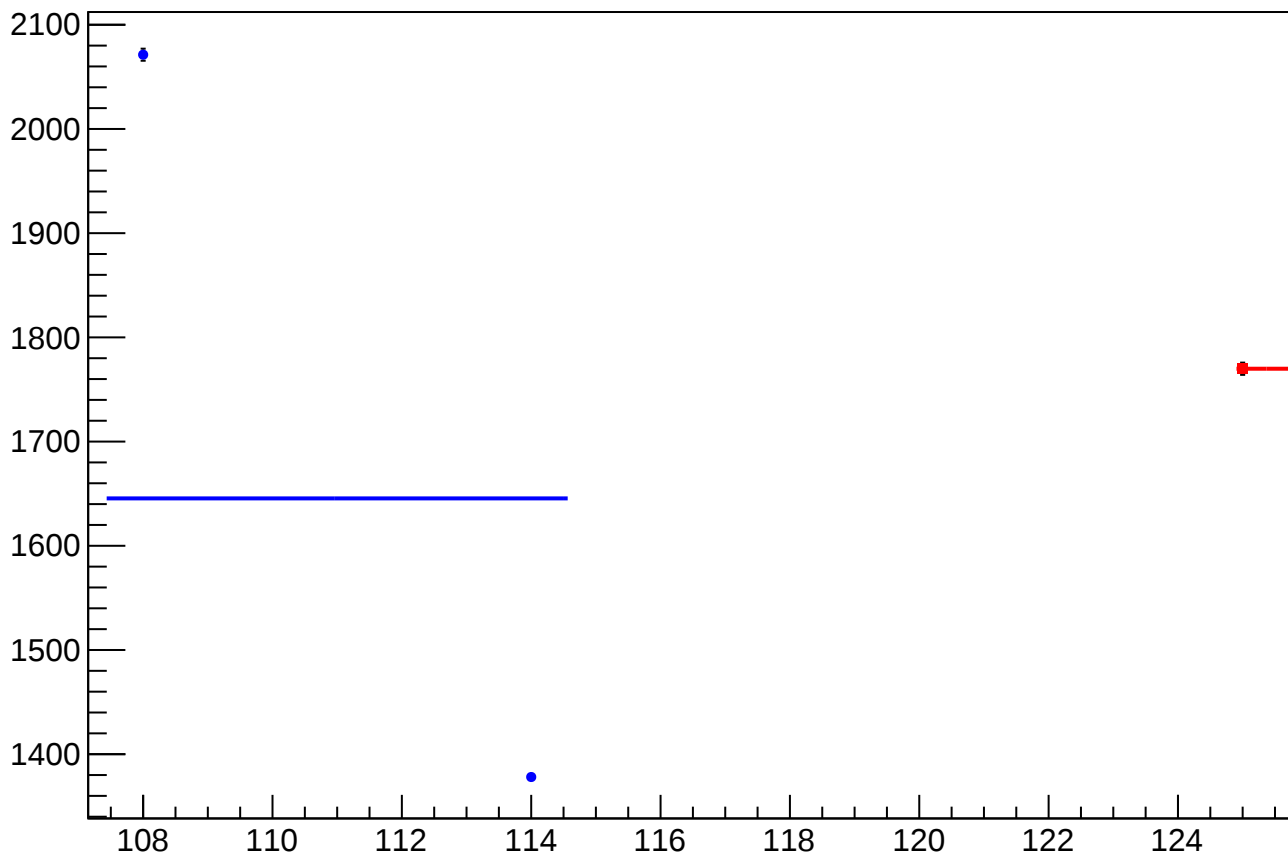
Right: -3764.430 $\pm$ 4339.001 χ^2 /NDF: 0.4/2

In: -2699.064 $\pm$ 5090.267 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3764.430 $\pm$ 4339.001 χ^2 /NDF: 0.4/2

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1645.477+/-3.599 χ^2/NDF : 8787.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1769.913+/-5.868 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

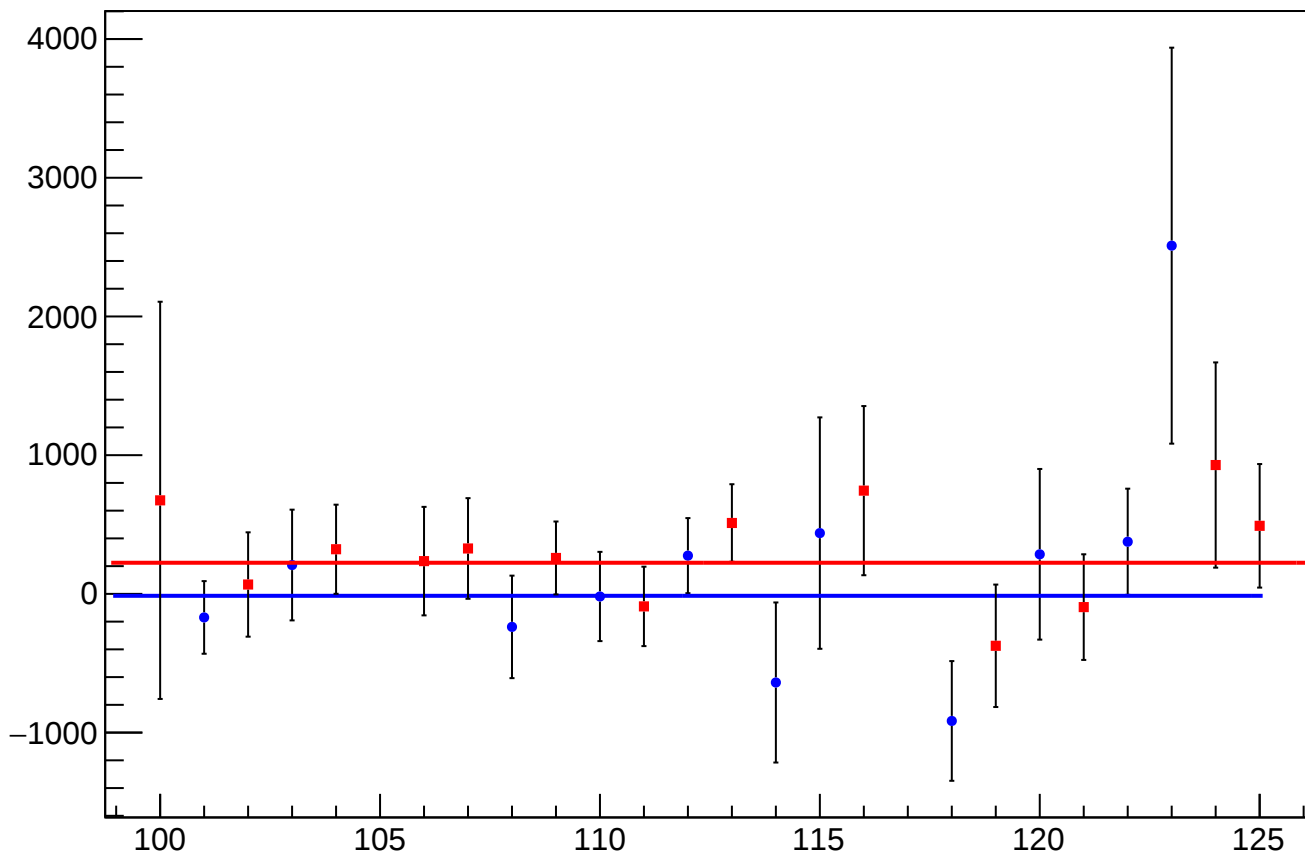
Right: 1679.497+/-3.068 χ^2/NDF : 9114.0/2

In: 1645.477+/-3.599 χ^2/NDF : 8787.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1679.497+/-3.068 χ^2/NDF : 9114.0/2

reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: -13.912 $\pm$ 118.455 χ^2 /NDF: 12.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 224.389 $\pm$ 103.995 χ^2 /NDF: 7.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

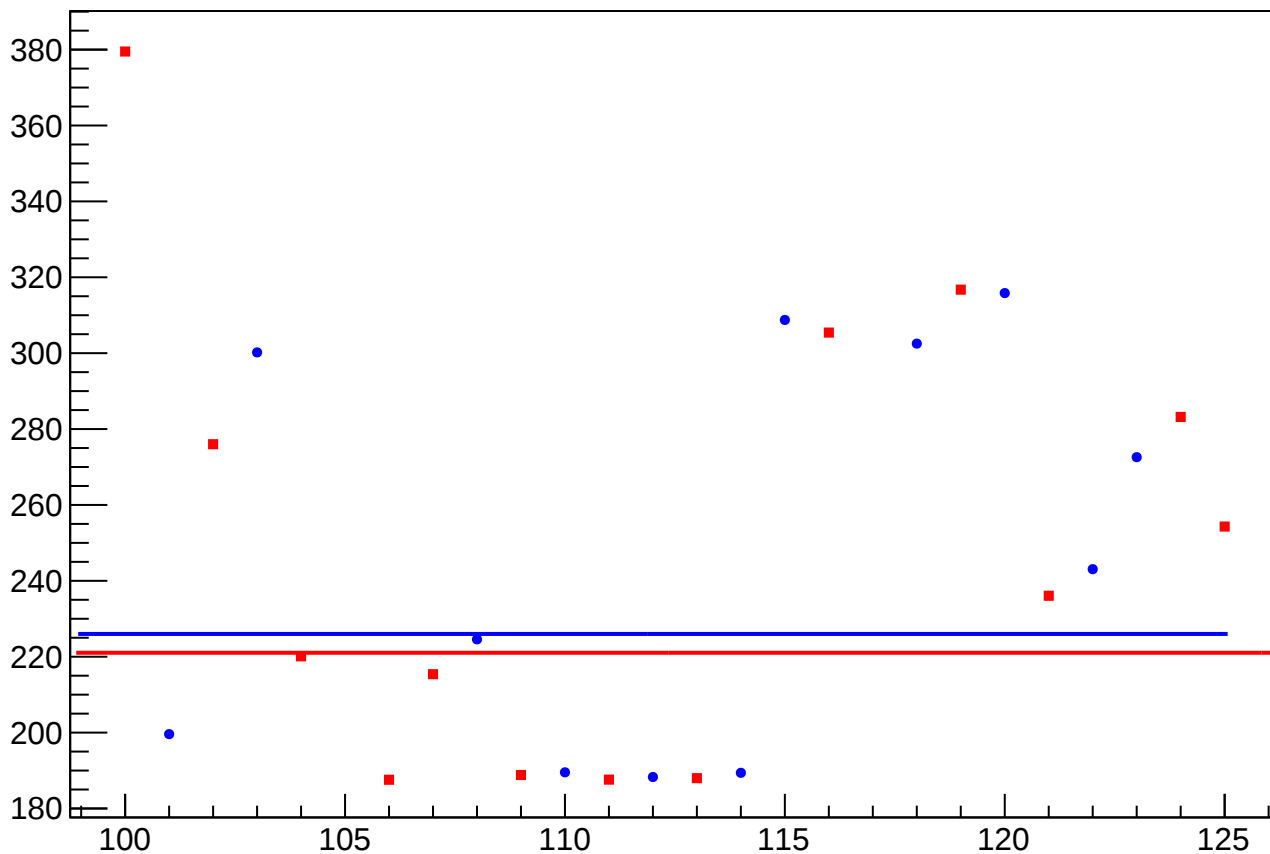
Right: 120.663 $\pm$ 78.151 χ^2 /NDF: 22.0/23

In: -13.912 $\pm$ 118.455 χ^2 /NDF:12.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 120.663 $\pm$ 78.151 χ^2 /NDF: 22.0/23

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 226.002 $\pm$ 0.084 χ^2 /NDF: 293346.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 221.043 $\pm$ 0.074 χ^2 /NDF: 328357.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

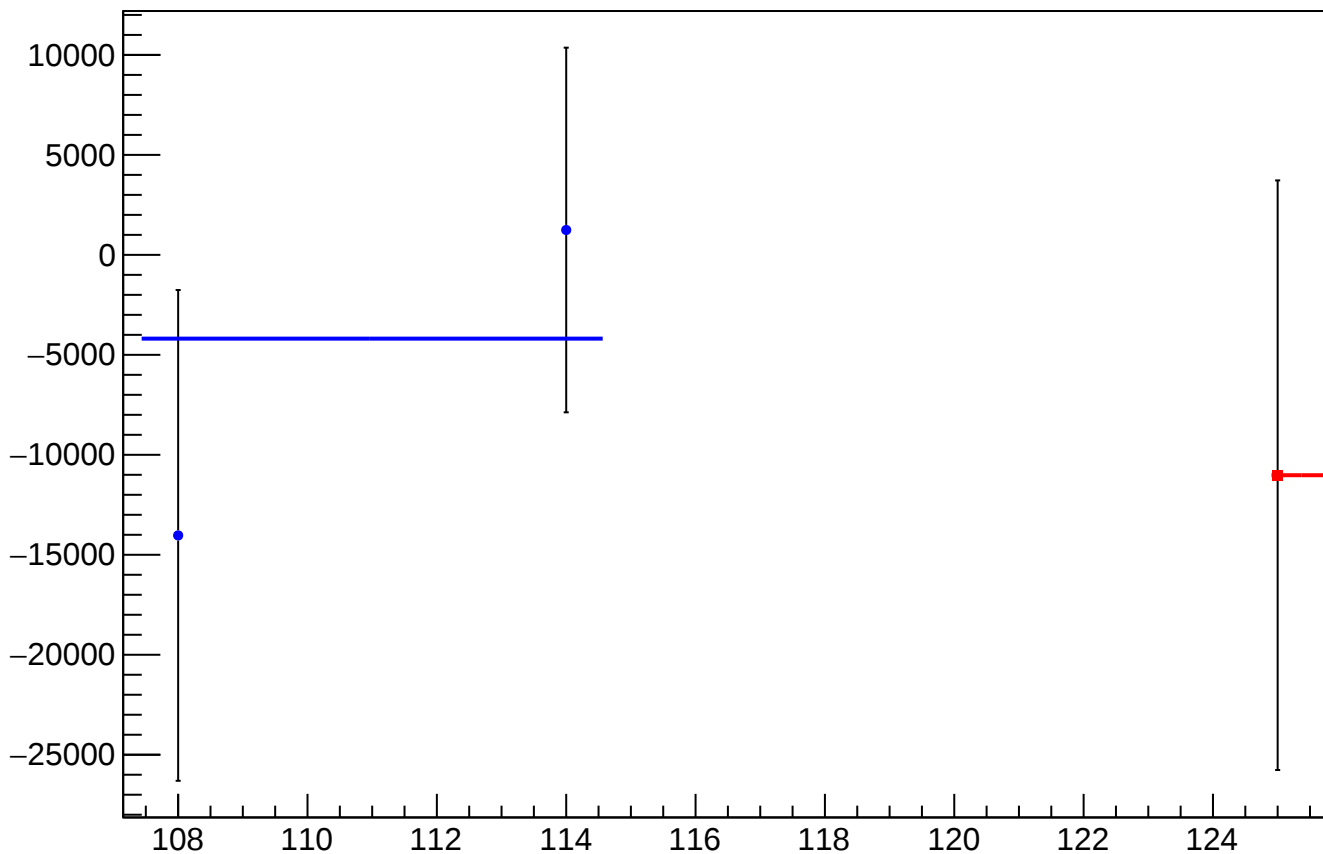
Right: 223.202 $\pm$ 0.055 χ^2 /NDF: 623684.1/23

In: 226.002 $\pm$ 0.084 χ^2 /NDF:293346.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 223.202 $\pm$ 0.055 χ^2 /NDF: 623684.1/23

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -4189.249+/-7319.424 χ^2/NDF : 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11020.401+/-14743.866 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

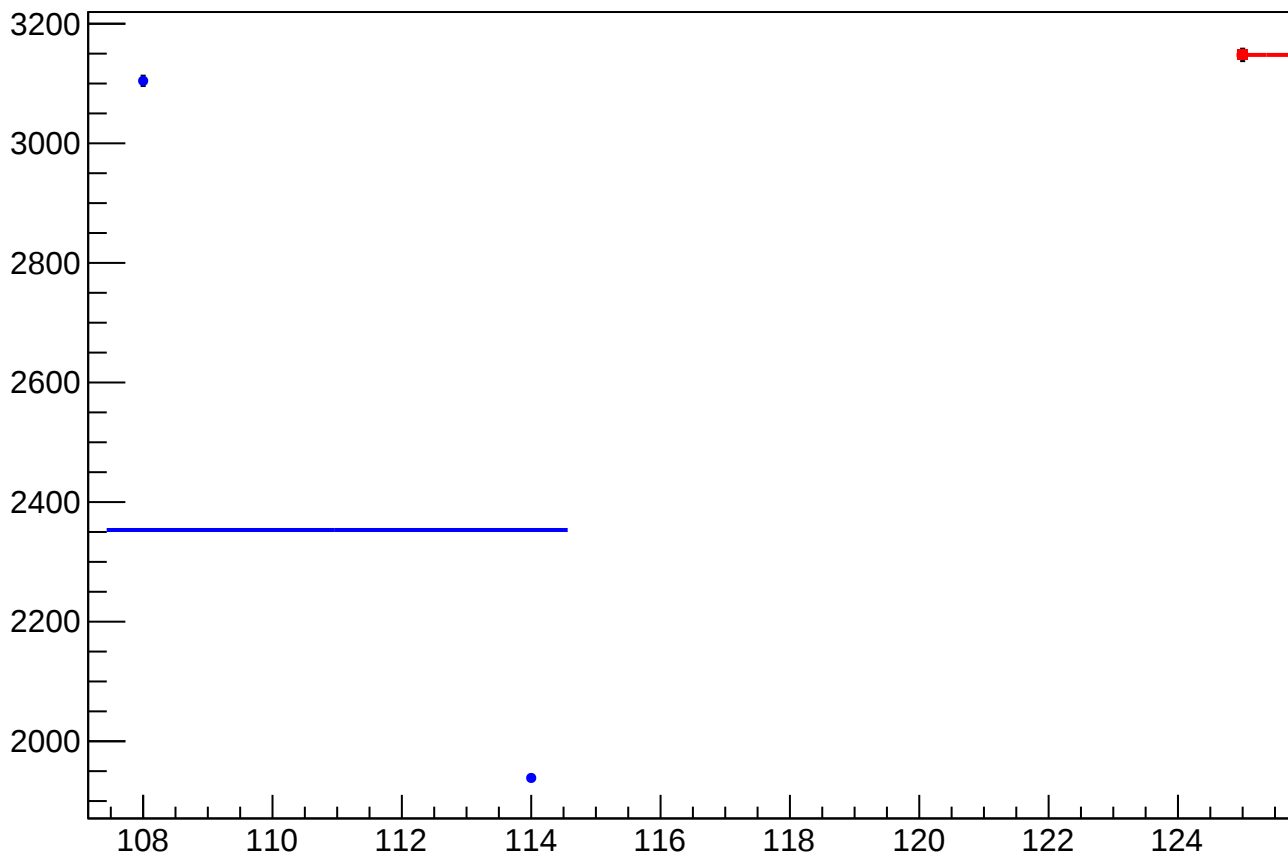
Right: -5539.920+/-6556.004 χ^2/NDF : 1.2/2

In: -4189.249+/-7319.424 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5539.920+/-6556.004 χ^2/NDF : 1.2/2

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2353.323 +/- 5.176 χ^2/NDF : 11628.5/1

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 3147.869 +/- 10.425 χ^2/NDF : 0.0/0

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

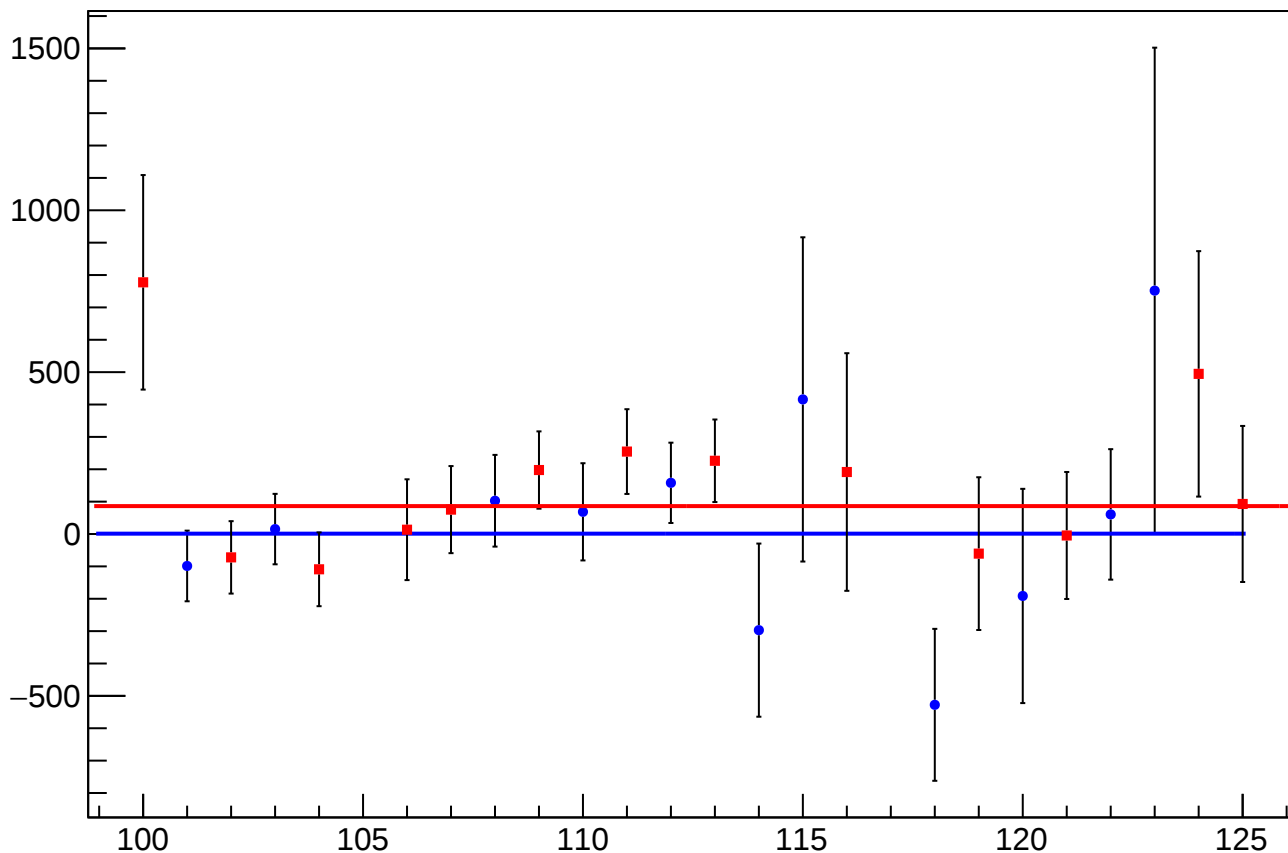
Right: 2510.422 +/- 4.636 χ^2/NDF : 16288.3/2

In: 2353.323 +/- 5.176 χ^2/NDF : 11628.5/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 2510.422 +/- 4.636 χ^2/NDF : 16288.3/2

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: 1.091+/-50.041 χ^2/NDF : 11.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.233+/-43.512 χ^2/NDF : 15.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

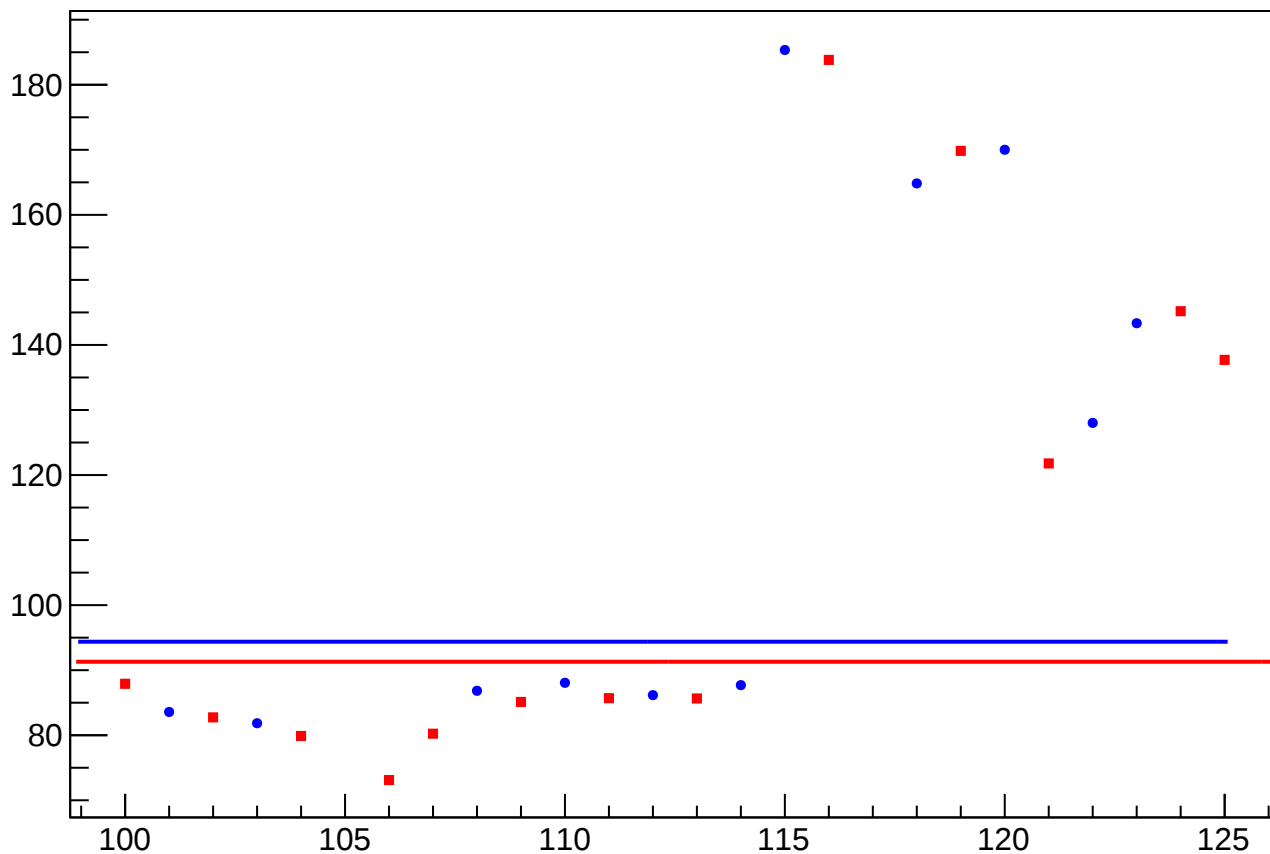
Right: 49.575+/-32.835 χ^2/NDF : 28.3/23

In: 1.091+/-50.041 χ^2/NDF : 11.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.575+/-32.835 χ^2/NDF : 28.3/23

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 94.375+/-0.035 χ^2/NDF : 480371.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.300+/-0.031 χ^2/NDF : 597376.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

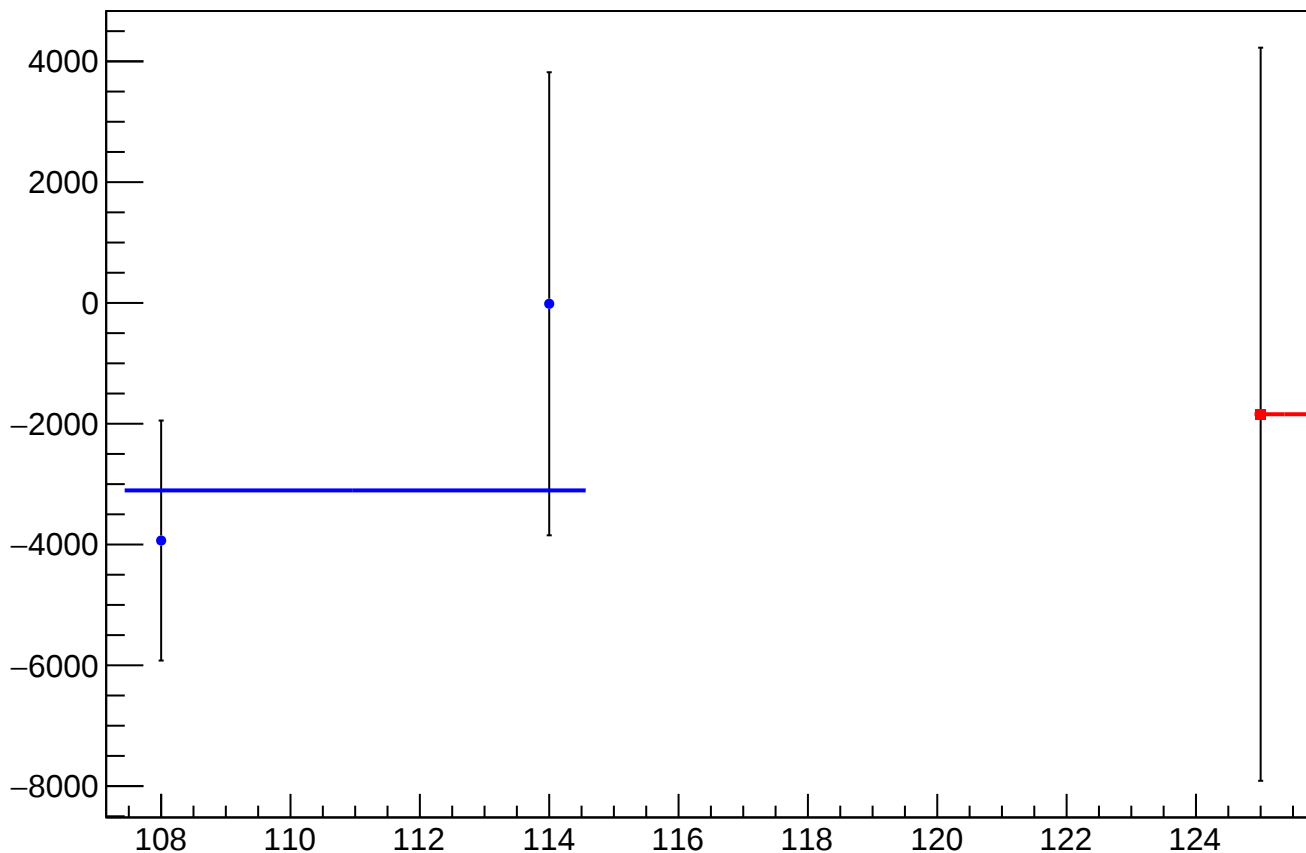
Right: 92.624+/-0.023 χ^2/NDF : 1082048.6/23

In: 94.375+/-0.035 χ^2/NDF : 480371.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.624+/-0.023 χ^2/NDF : 1082048.6/23

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: -3104.069+/-1764.081 χ^2/NDF : 0.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1842.732+/-6069.466 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

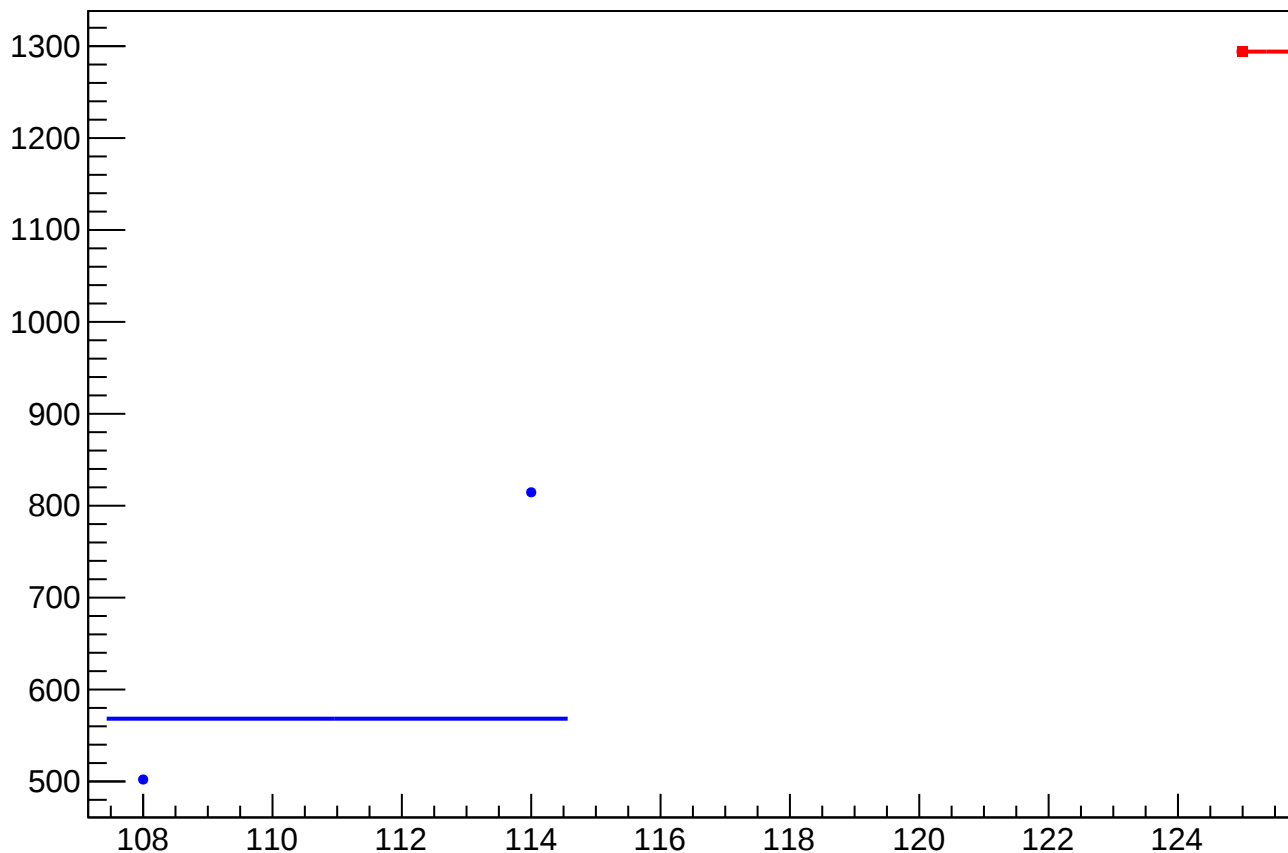
Right: -3005.816+/-1693.980 χ^2/NDF : 0.9/2

In: -3104.069+/-1764.081 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3005.816+/-1693.980 χ^2/NDF : 0.9/2

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 568.281+/-1.247 χ^2/NDF : 10473.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1294.054+/-4.292 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

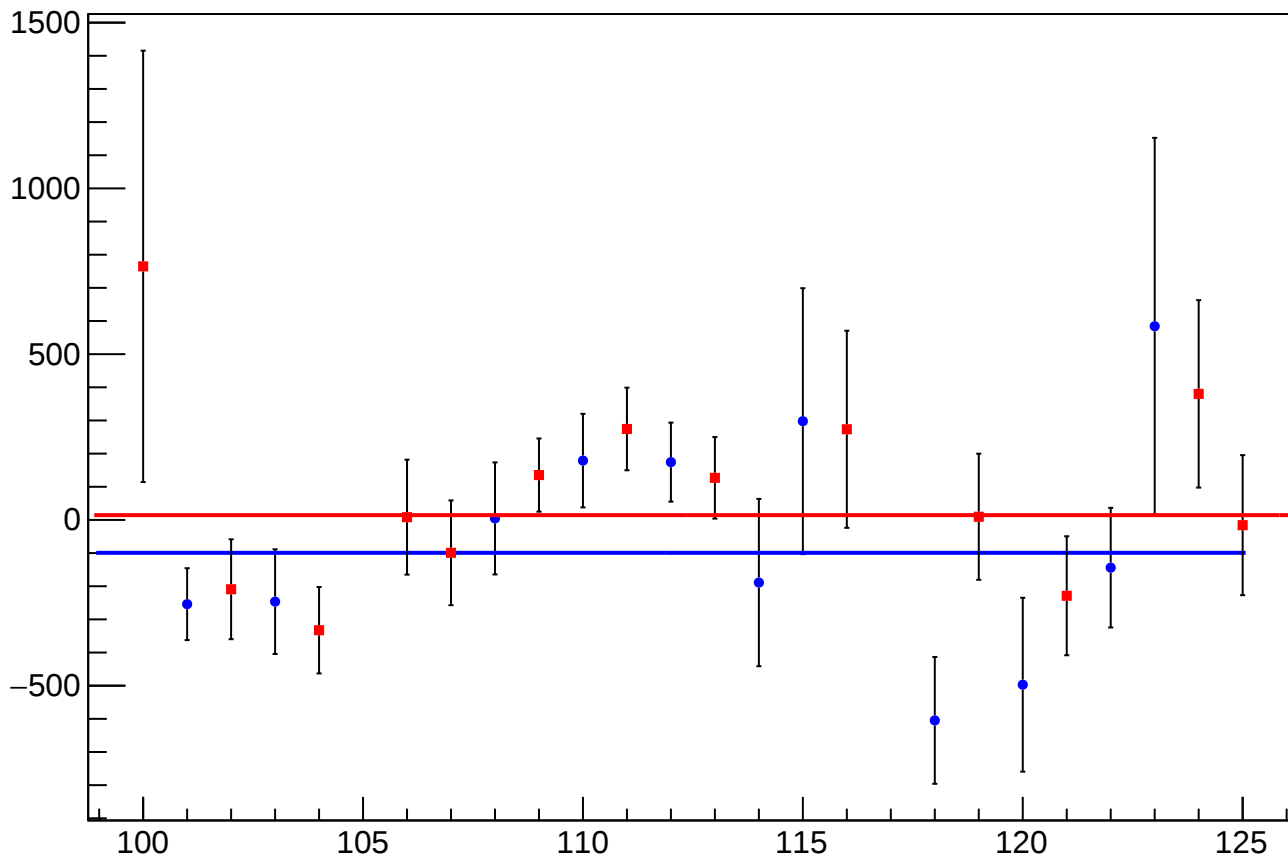
Right: 624.816+/-1.198 χ^2/NDF : 36844.0/2

In: 568.281+/-1.247 χ^2/NDF : 10473.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 624.816+/-1.198 χ^2/NDF : 36844.0/2

reg_asym_sam6_mean vs Slug, Sign Corrected



Right In: -99.218 ± 51.405 χ^2/NDF : 24.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 14.457 ± 44.892 χ^2/NDF : 21.8/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

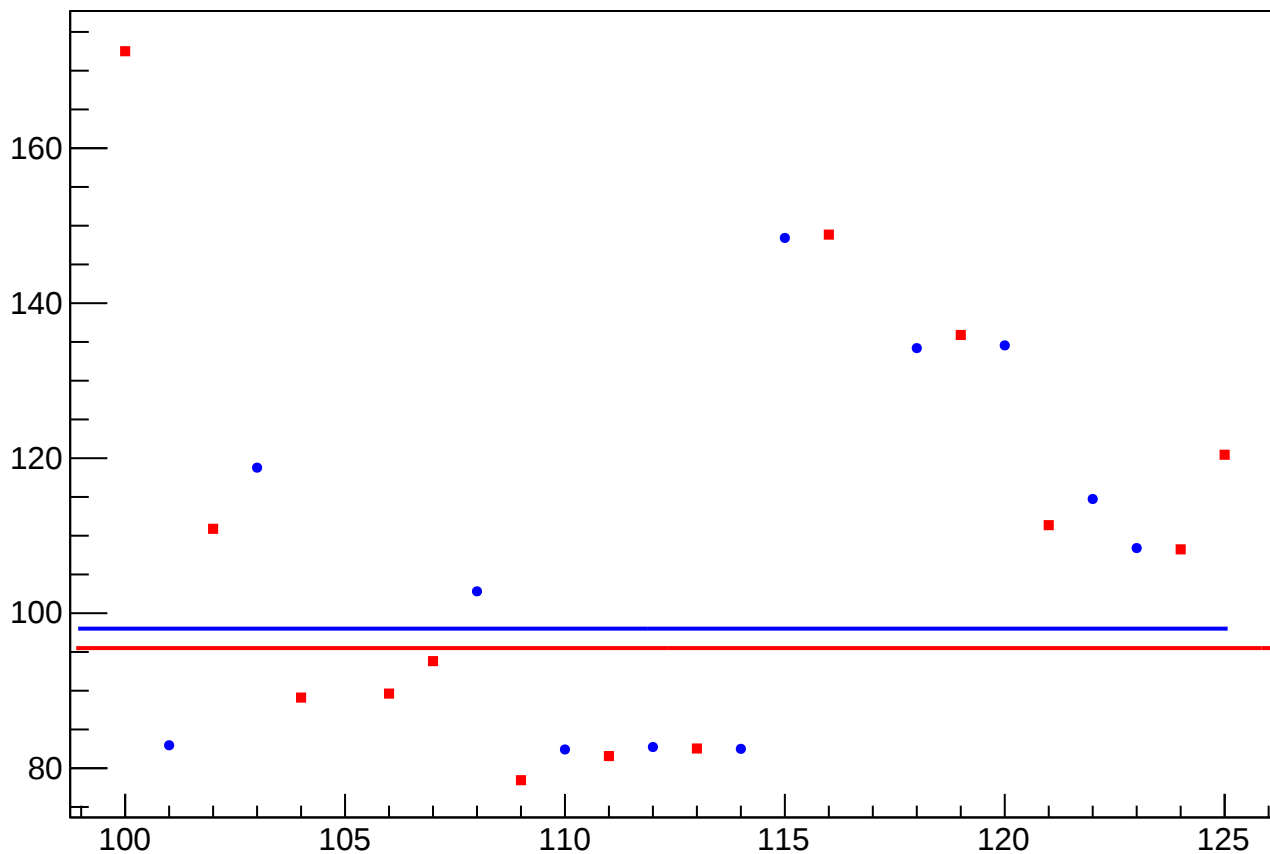
Right: -34.727 ± 33.813 χ^2/NDF : 48.9/23

In: -99.218 ± 51.405 χ^2/NDF : 24.3/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.727 ± 33.813 χ^2/NDF : 48.9/23

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 98.009+/-0.036 χ^2/NDF : 299517.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.500+/-0.032 χ^2/NDF : 353391.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

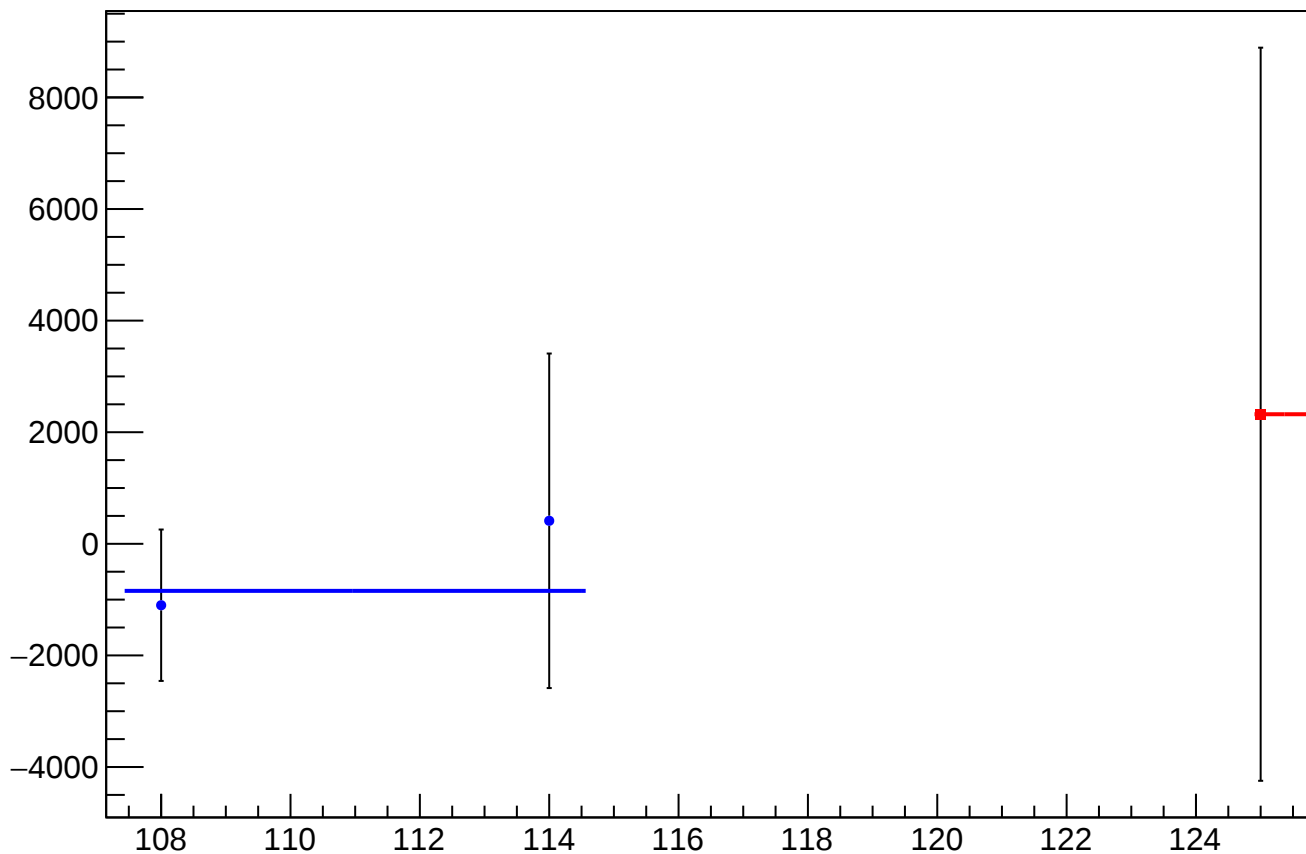
Right: 96.586+/-0.024 χ^2/NDF : 655612.9/23

In: 98.009+/-0.036 χ^2/NDF : 299517.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.586+/-0.024 χ^2/NDF : 655612.9/23

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: -843.306+/-1235.976 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2322.247+/-6569.344 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

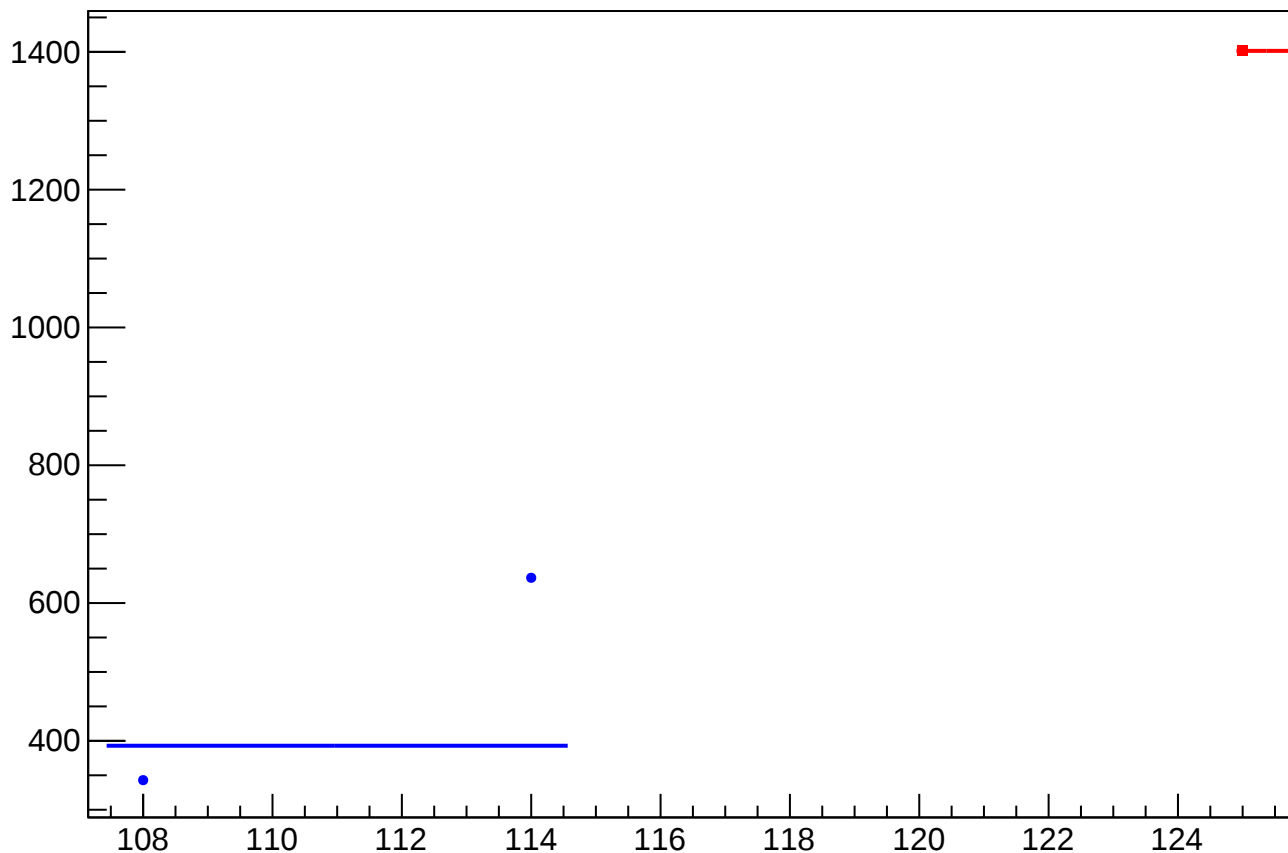
Right: -735.083+/-1214.665 χ^2/NDF : 0.4/2

In: -843.306+/-1235.976 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -735.083+/-1214.665 χ^2/NDF : 0.4/2

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 392.909+/-0.874 χ^2/NDF : 15934.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1401.461+/-4.645 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

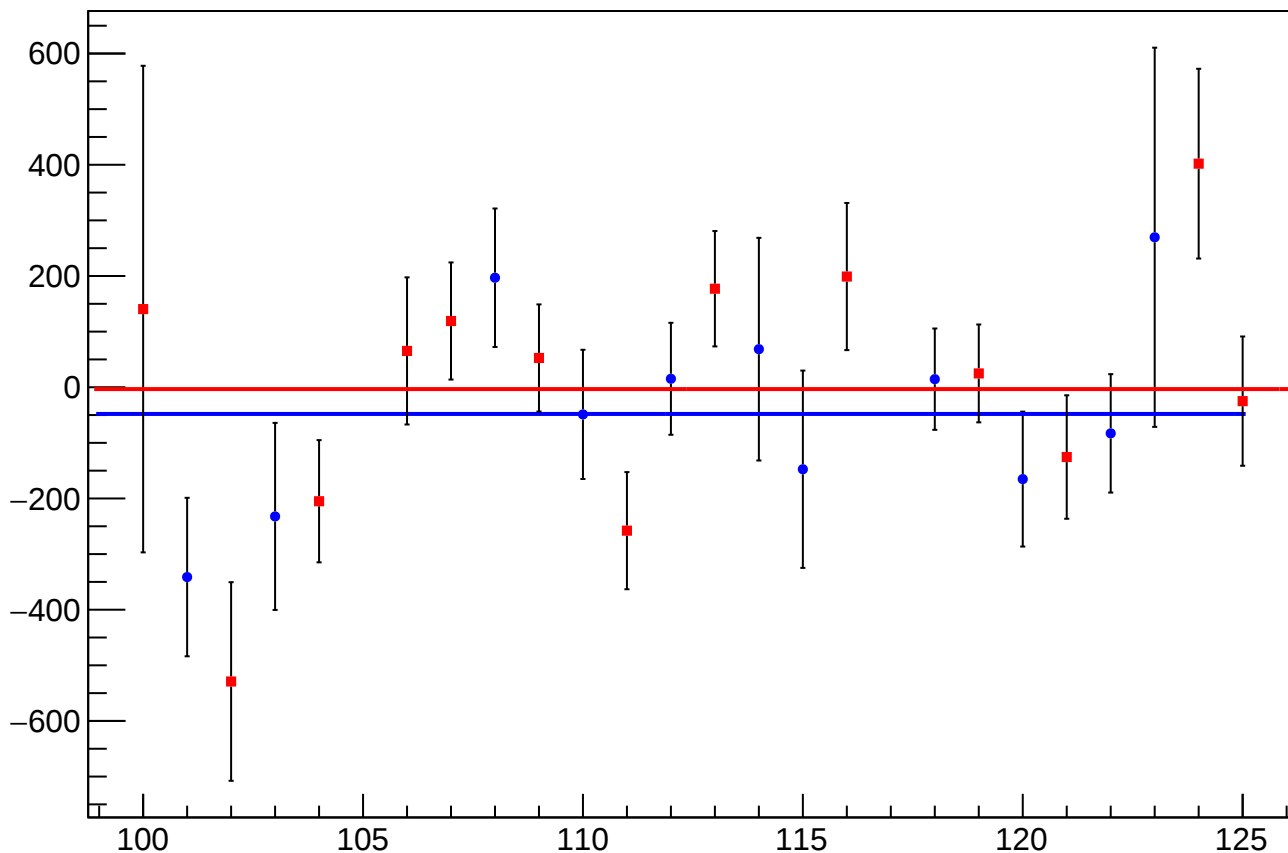
Right: 427.389+/-0.859 χ^2/NDF : 61462.2/2

In: 392.909+/-0.874 χ^2/NDF : 15934.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 427.389+/-0.859 χ^2/NDF : 61462.2/2

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: -48.035 $\pm$ 38.803 χ^2 /NDF: 12.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.329 $\pm$ 32.726 χ^2 /NDF: 32.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

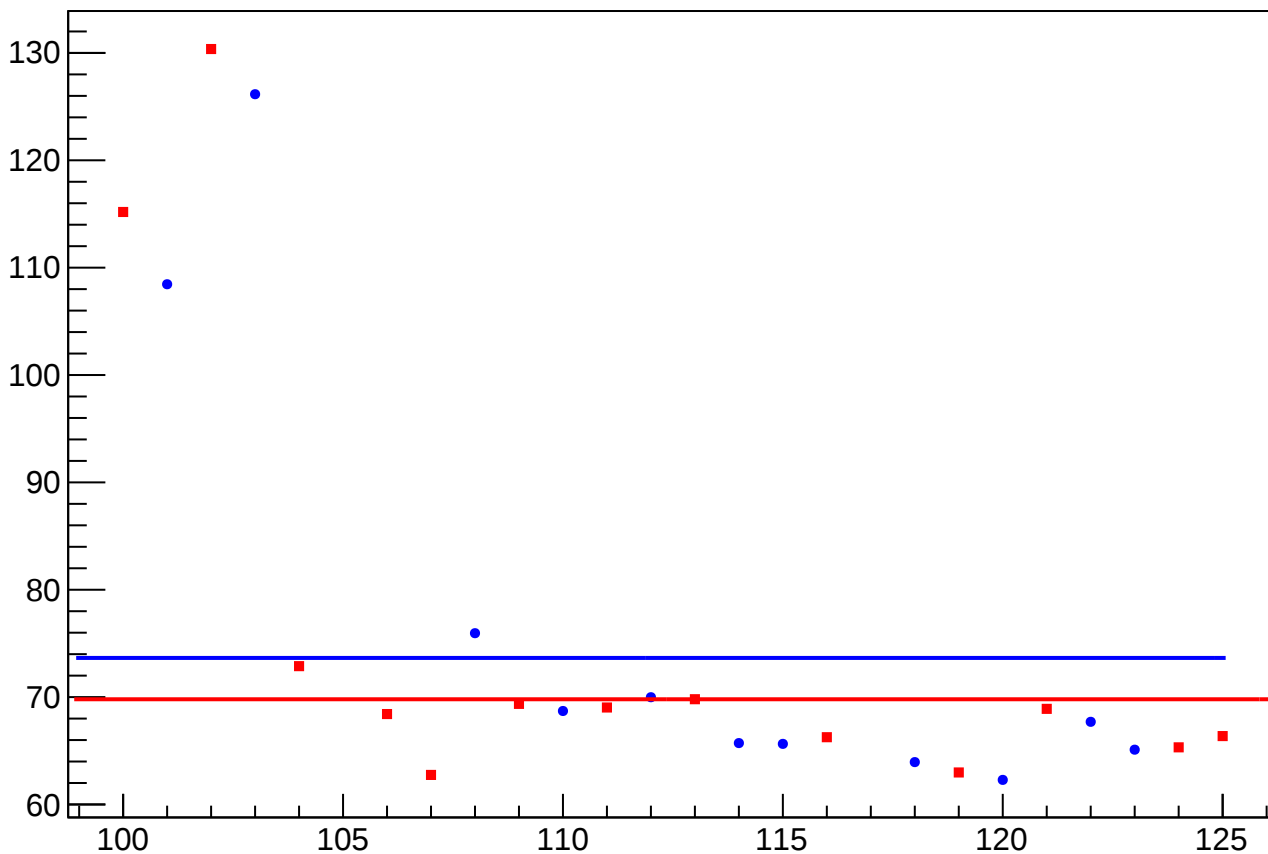
Right: -21.911 $\pm$ 25.017 χ^2 /NDF: 45.8/23

In: -48.035 $\pm$ 38.803 χ^2 /NDF:12.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -21.911 $\pm$ 25.017 χ^2 /NDF: 45.8/23

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 73.649+/-0.027 χ^2/NDF : 376318.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.799+/-0.023 χ^2/NDF : 279261.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

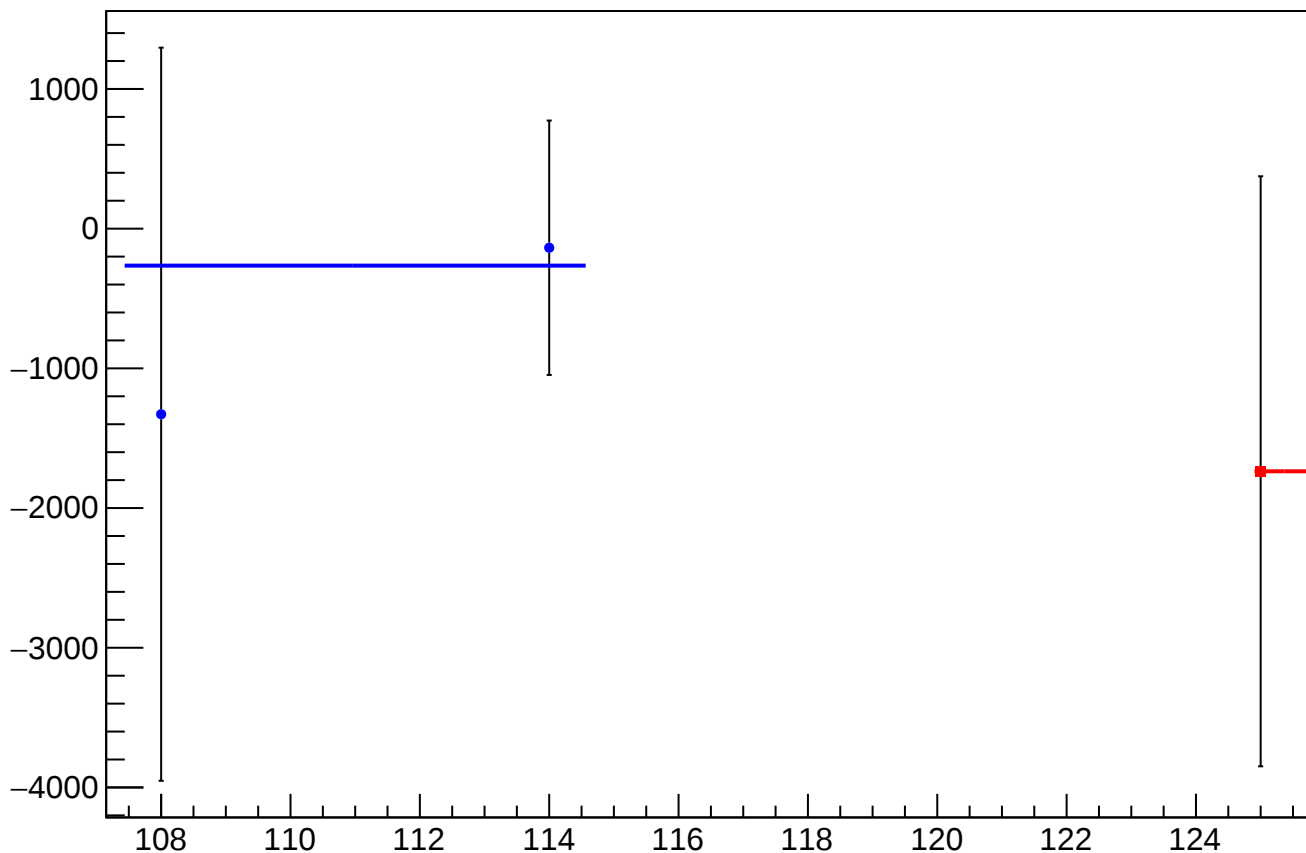
Right: 71.399+/-0.018 χ^2/NDF : 667087.0/23

In: 73.649+/-0.027 χ^2/NDF : 376318.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.399+/-0.018 χ^2/NDF : 667087.0/23

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -264.630+/-860.200 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1736.889+/-2111.837 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

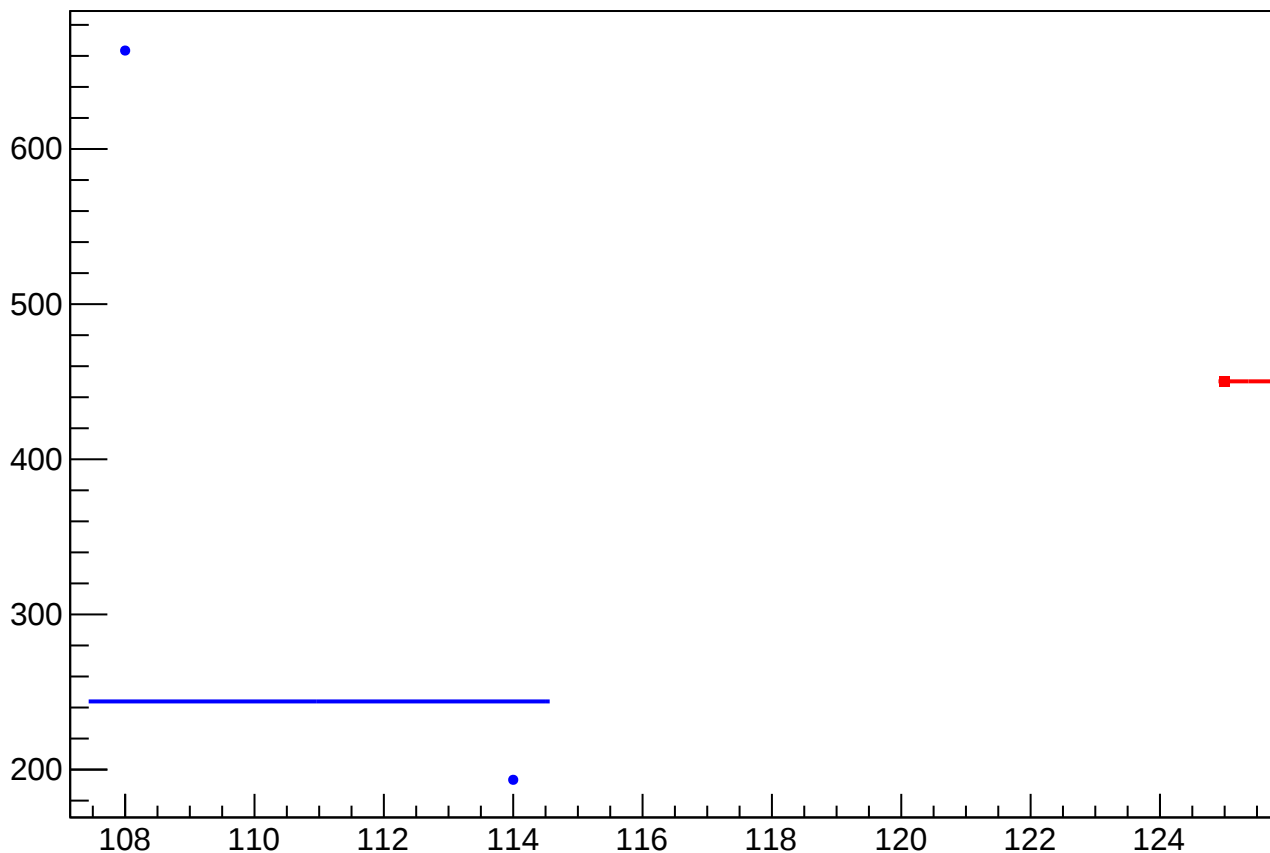
Right: -474.136+/-796.648 χ^2/NDF : 0.6/2

In: -264.630+/-860.200 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -474.136+/-796.648 χ^2/NDF : 0.6/2

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 243.930 $\pm$ 0.608 χ^2 /NDF: 57276.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 450.241 $\pm$ 1.493 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

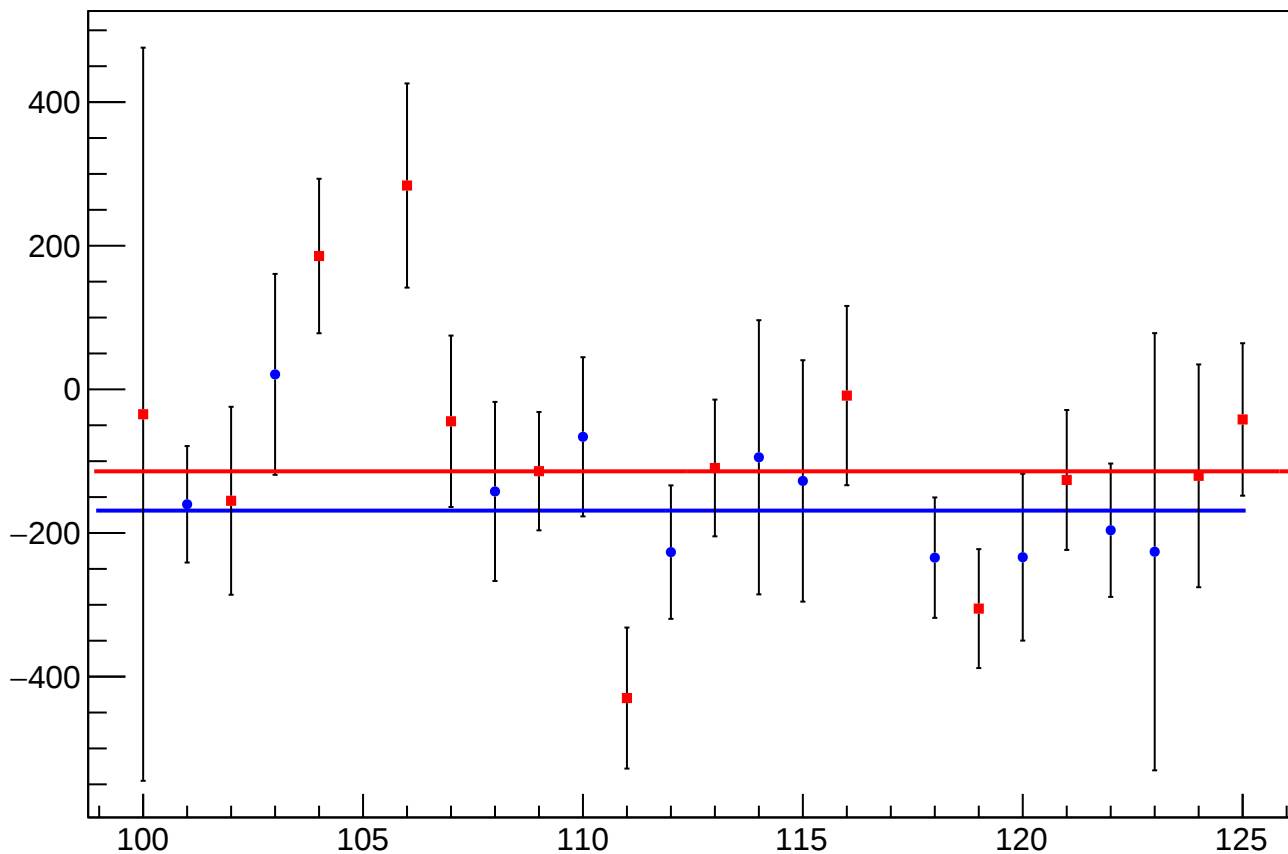
Right: 273.289 $\pm$ 0.563 χ^2 /NDF: 73648.5/2

In: 243.930 $\pm$ 0.608 χ^2 /NDF:57276.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 273.289 $\pm$ 0.563 χ^2 /NDF: 73648.5/2

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -168.813 ± 33.891 χ^2/NDF : 4.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -114.123 ± 30.495 χ^2/NDF : 32.9/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

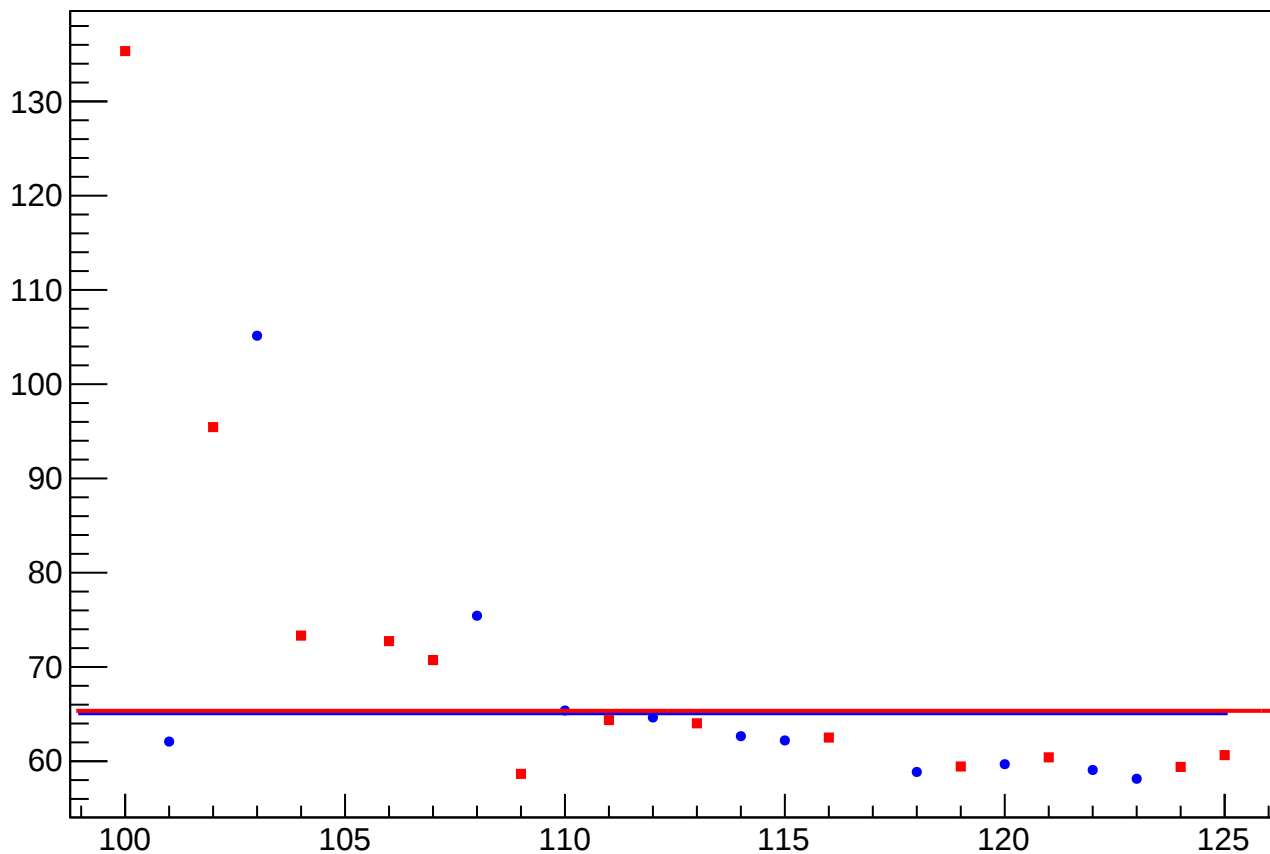
Right: -138.591 ± 22.669 χ^2/NDF : 38.8/23

In: -168.813 ± 33.891 χ^2/NDF : 4.4/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -138.591 ± 22.669 χ^2/NDF : 38.8/23

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 65.090 $\pm$ 0.024 χ^2 /NDF: 206257.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 65.347 $\pm$ 0.022 χ^2 /NDF: 200876.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

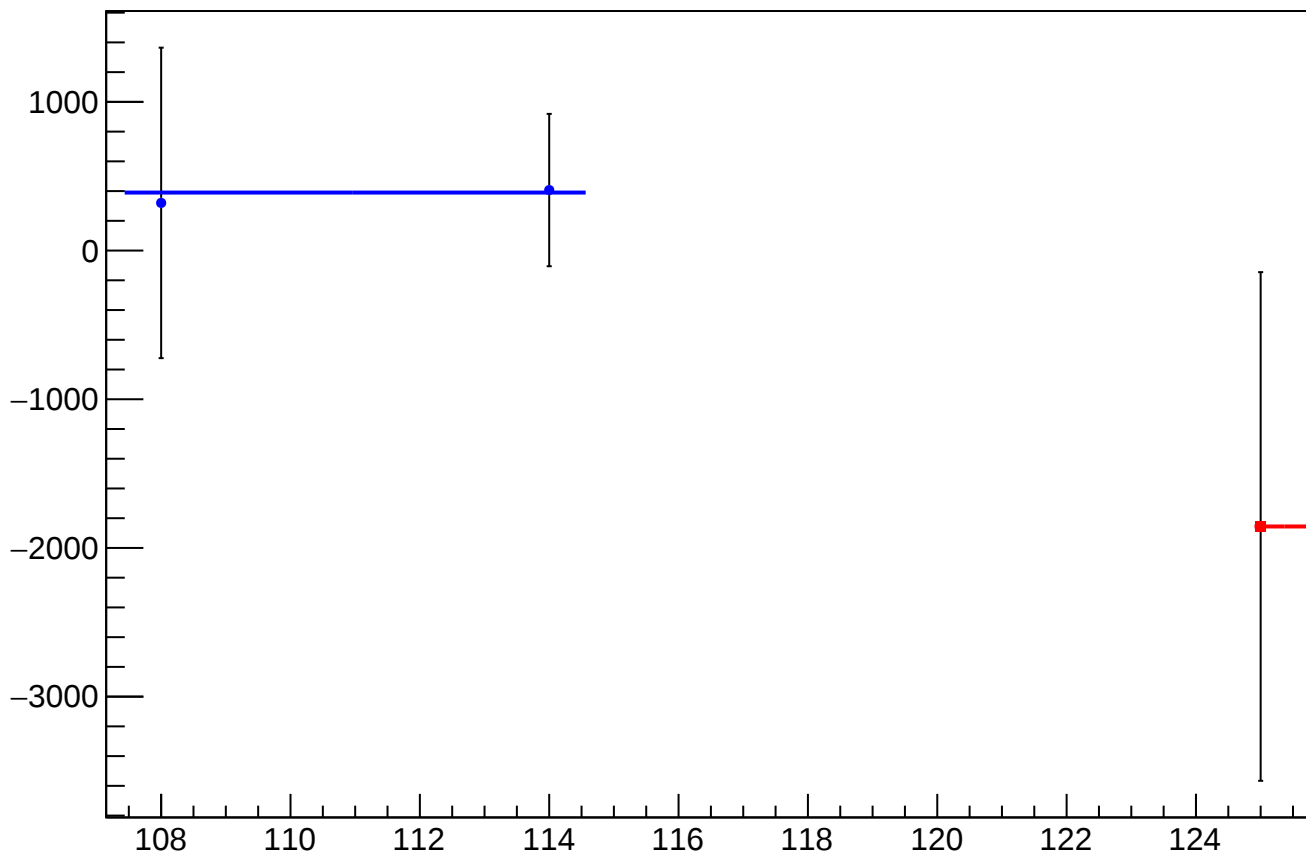
Right: 65.232 $\pm$ 0.016 χ^2 /NDF: 407197.8/23

In: 65.090 $\pm$ 0.024 χ^2 /NDF:206257.3/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 65.232 $\pm$ 0.016 χ^2 /NDF: 407197.8/23

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: 390.119+/-459.926 χ^2 /NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1855.604+/-1710.436 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

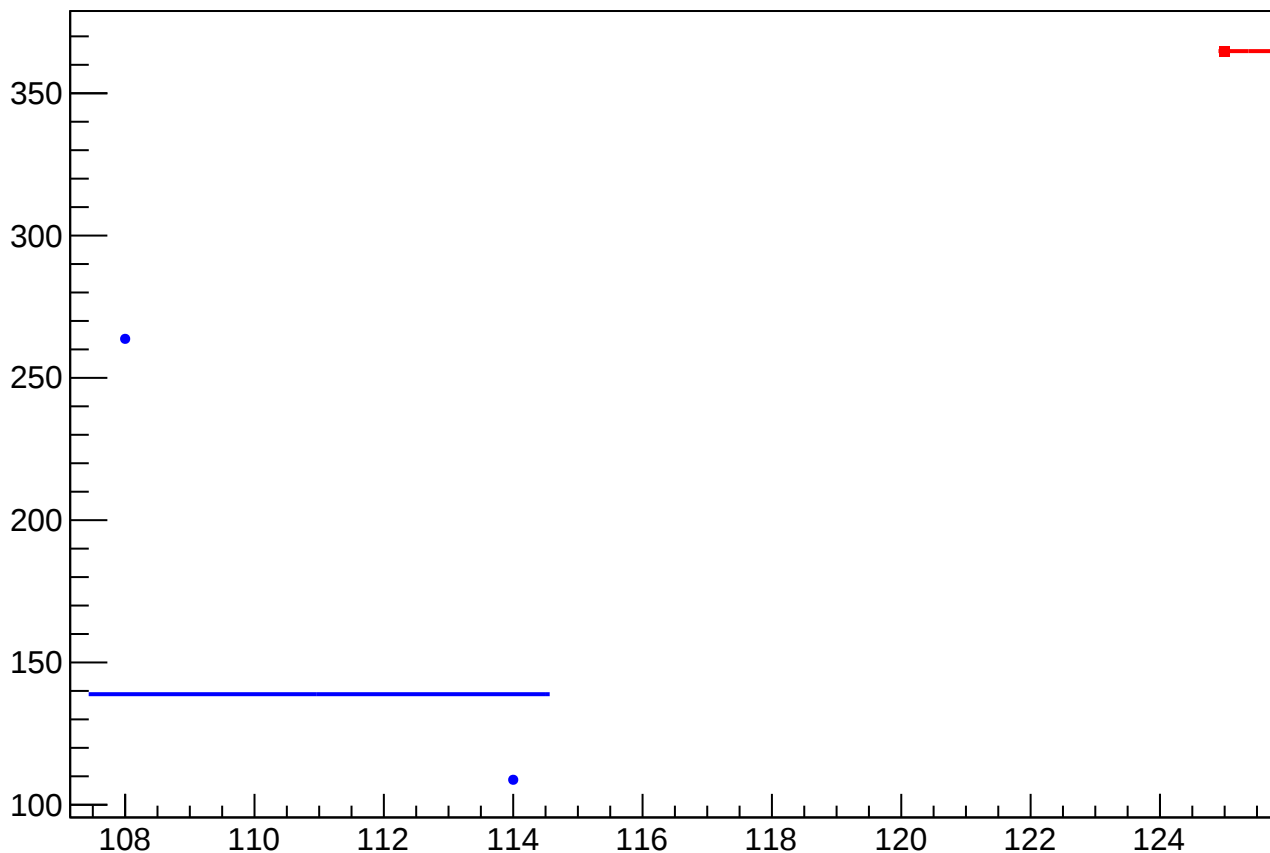
Right: 238.693+/-444.149 χ^2 /NDF: 1.6/2

In: 390.119+/-459.926 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 238.693+/-444.149 χ^2 /NDF: 1.6/2

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 138.853+/-0.325 χ^2/NDF : 35497.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 364.814+/-1.209 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

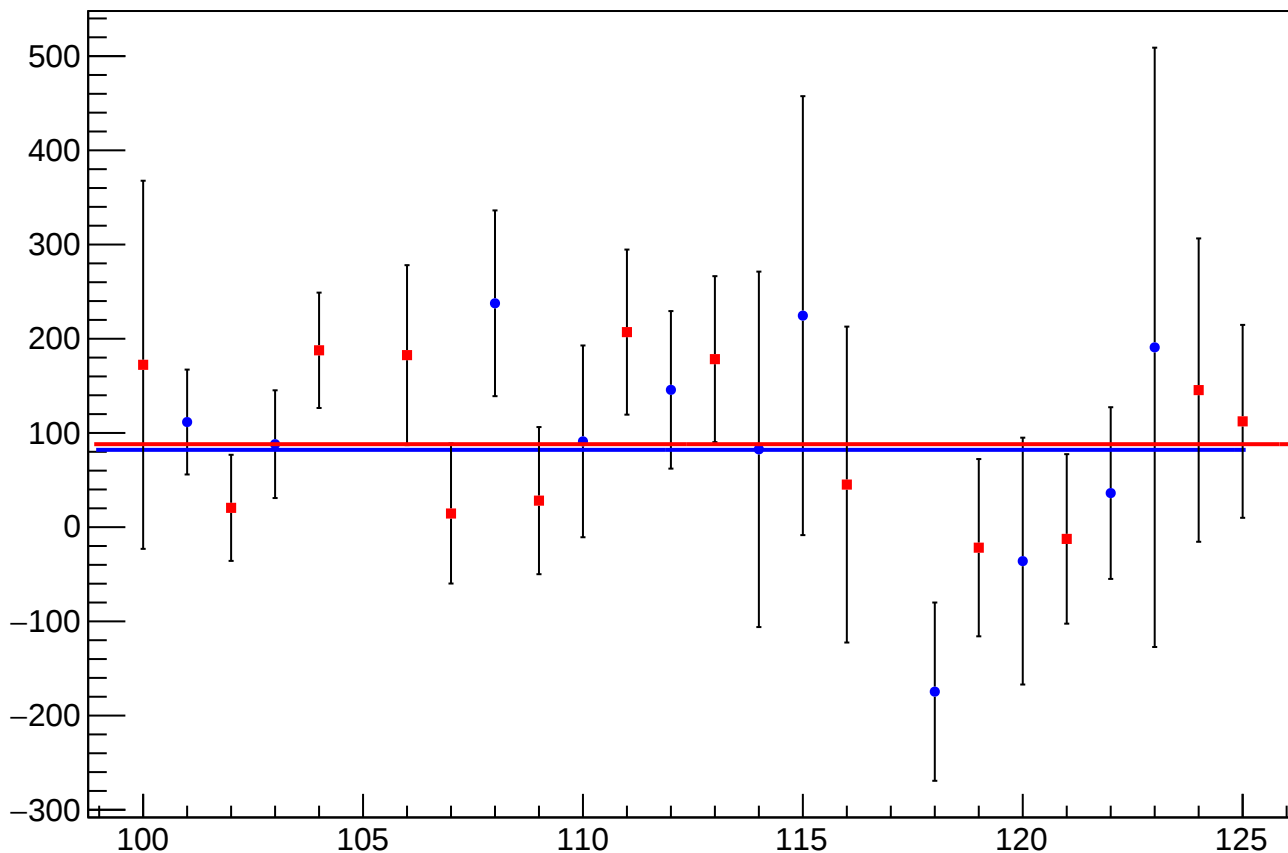
Right: 154.089+/-0.314 χ^2/NDF : 68049.0/2

In: 138.853+/-0.325 χ^2/NDF : 35497.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.089+/-0.314 χ^2/NDF : 68049.0/2

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 82.066+/-27.547 χ^2/NDF : 12.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.081+/-24.055 χ^2/NDF : 12.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

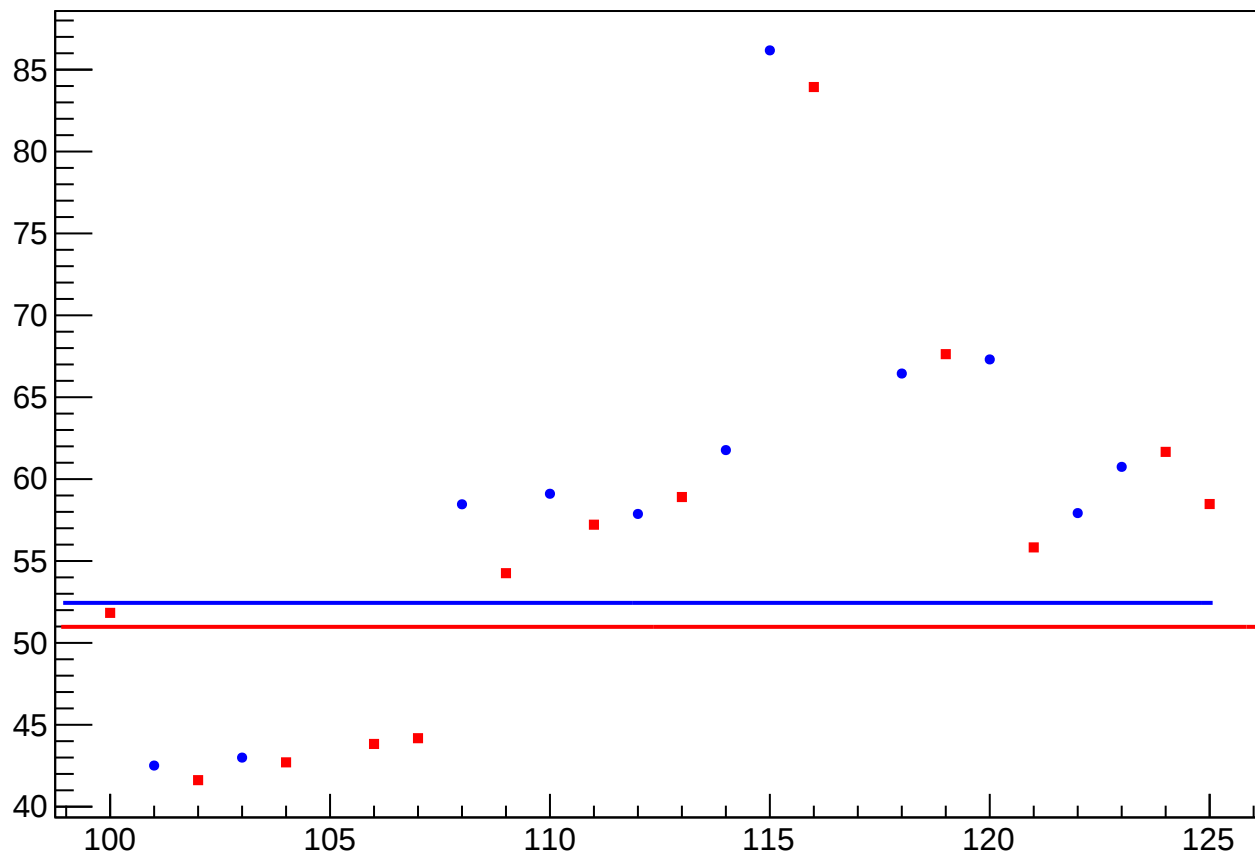
Right: 85.479+/-18.119 χ^2/NDF : 24.9/23

In: 82.066+/-27.547 χ^2/NDF : 12.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.479+/-18.119 χ^2/NDF : 24.9/23

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 52.444+/-0.019 χ^2/NDF : 267693.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.980+/-0.017 χ^2/NDF : 314858.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

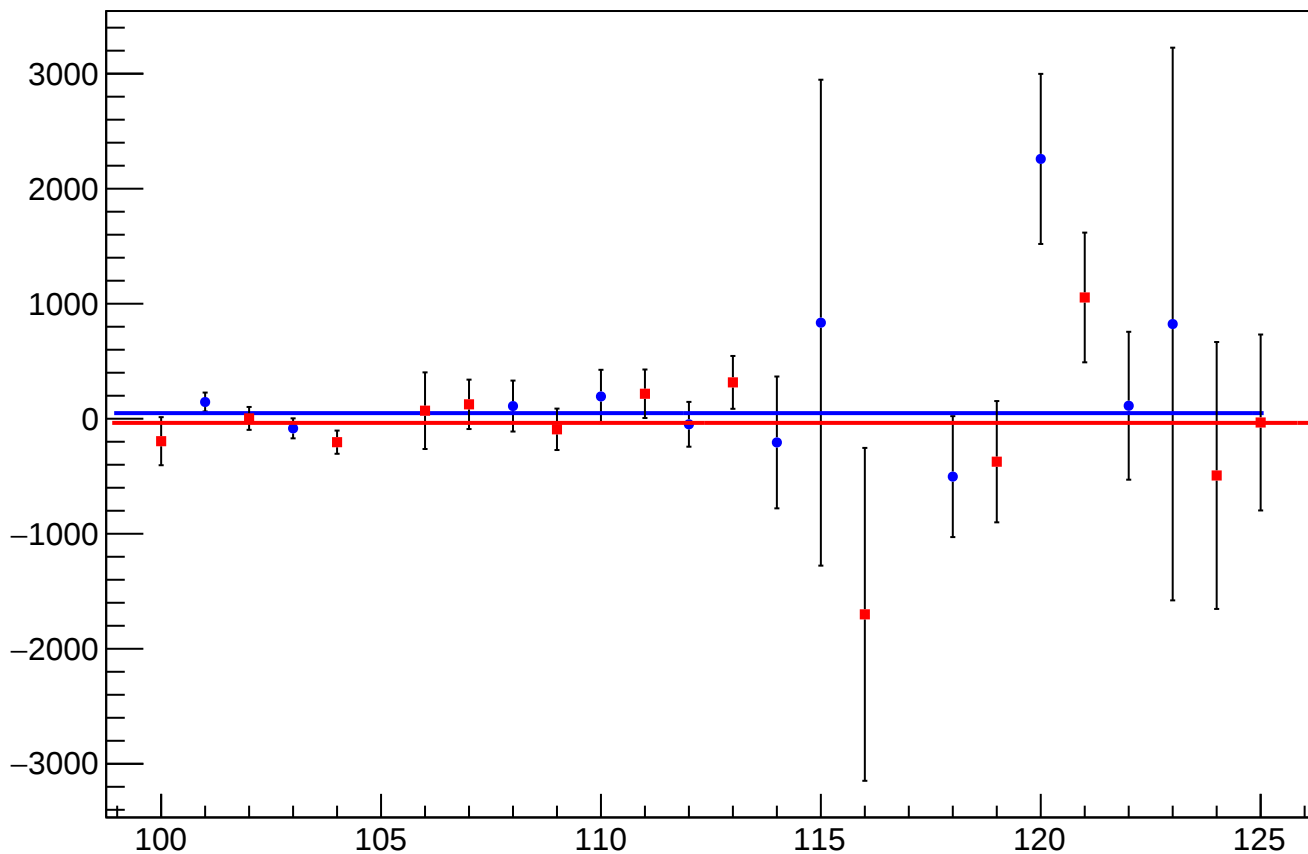
Right: 51.614+/-0.013 χ^2/NDF : 585757.1/23

In: 52.444+/-0.019 χ^2/NDF : 267693.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.614+/-0.013 χ^2/NDF : 585757.1/23

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 48.725+/-52.879 χ^2/NDF : 14.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.109+/-54.649 χ^2/NDF : 13.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

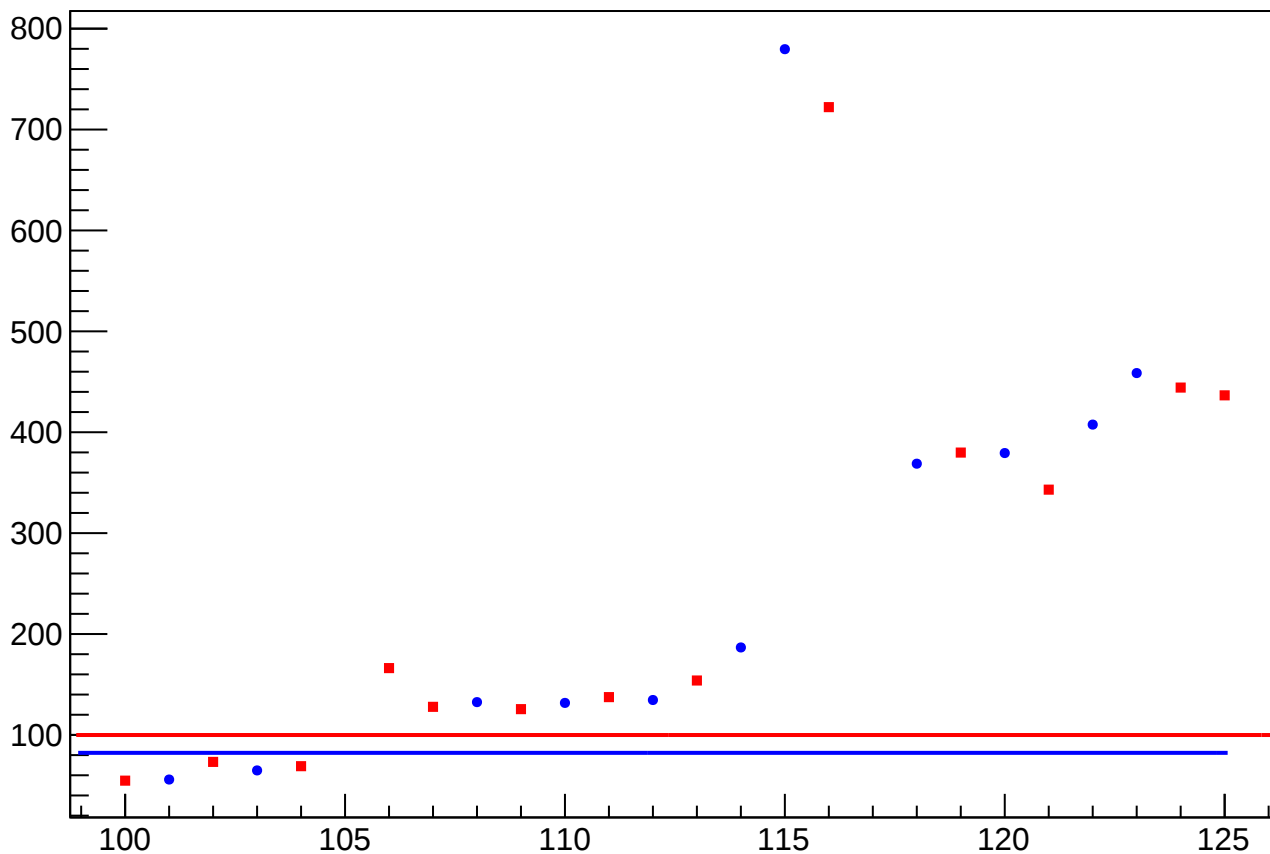
Right: 7.704+/-38.001 χ^2/NDF : 29.8/23

In: 48.725+/-52.879 χ^2/NDF : 14.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.704+/-38.001 χ^2/NDF : 29.8/23

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 82.237+/-0.037 χ^2/NDF : 2390039.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.912+/-0.039 χ^2/NDF : 2621672.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

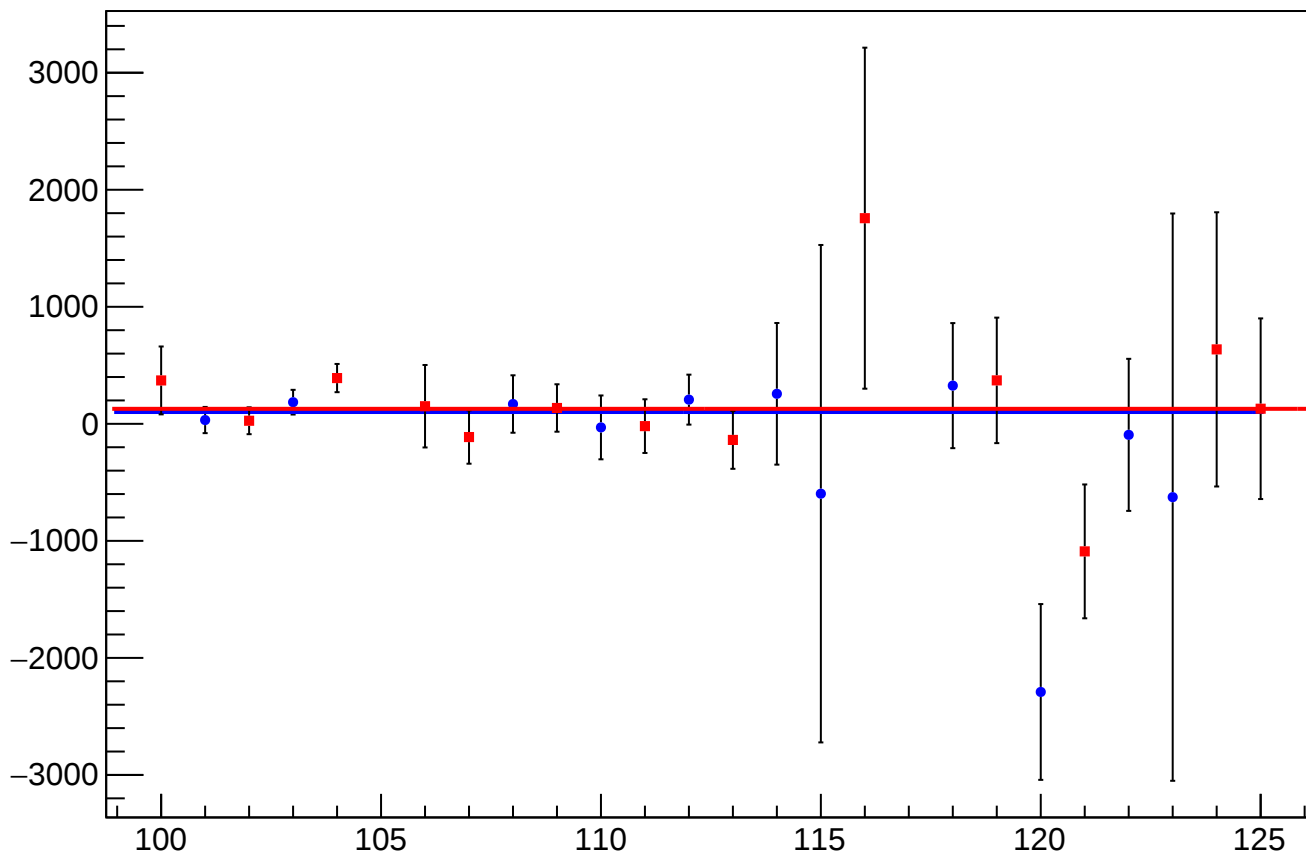
Right: 90.784+/-0.027 χ^2/NDF : 5119753.4/23

In: 82.237+/-0.037 χ^2/NDF : 2390039.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.784+/-0.027 χ^2/NDF : 5119753.4/23

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 101.012 $\pm$ 65.593 χ^2 /NDF: 12.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 128.238 $\pm$ 62.865 χ^2 /NDF: 15.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

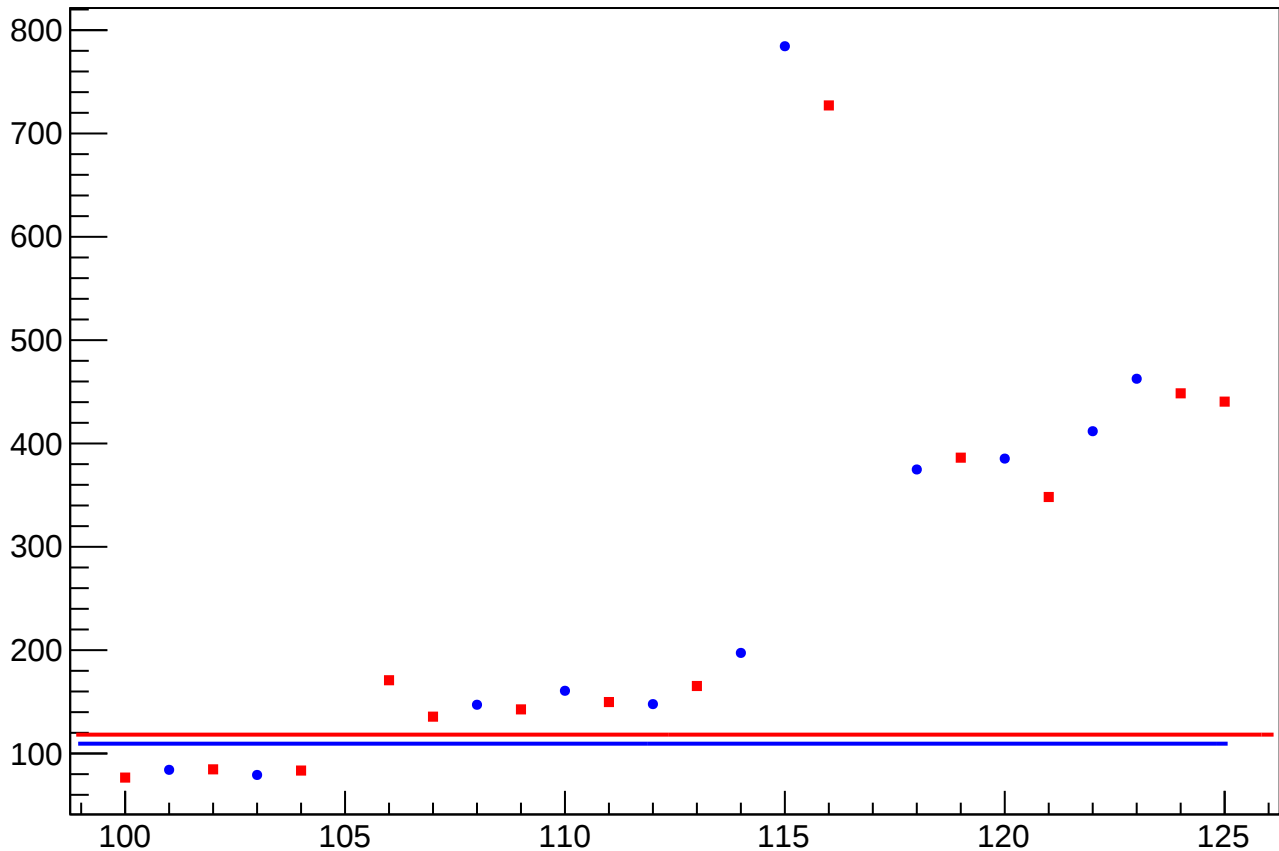
Right: 115.203 $\pm$ 45.386 χ^2 /NDF: 27.4/23

In: 101.012 $\pm$ 65.593 χ^2 /NDF:12.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 115.203 $\pm$ 45.386 χ^2 /NDF: 27.4/23

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 109.496+/-0.046 χ^2/NDF : 1931606.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.246+/-0.044 χ^2/NDF : 2254706.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

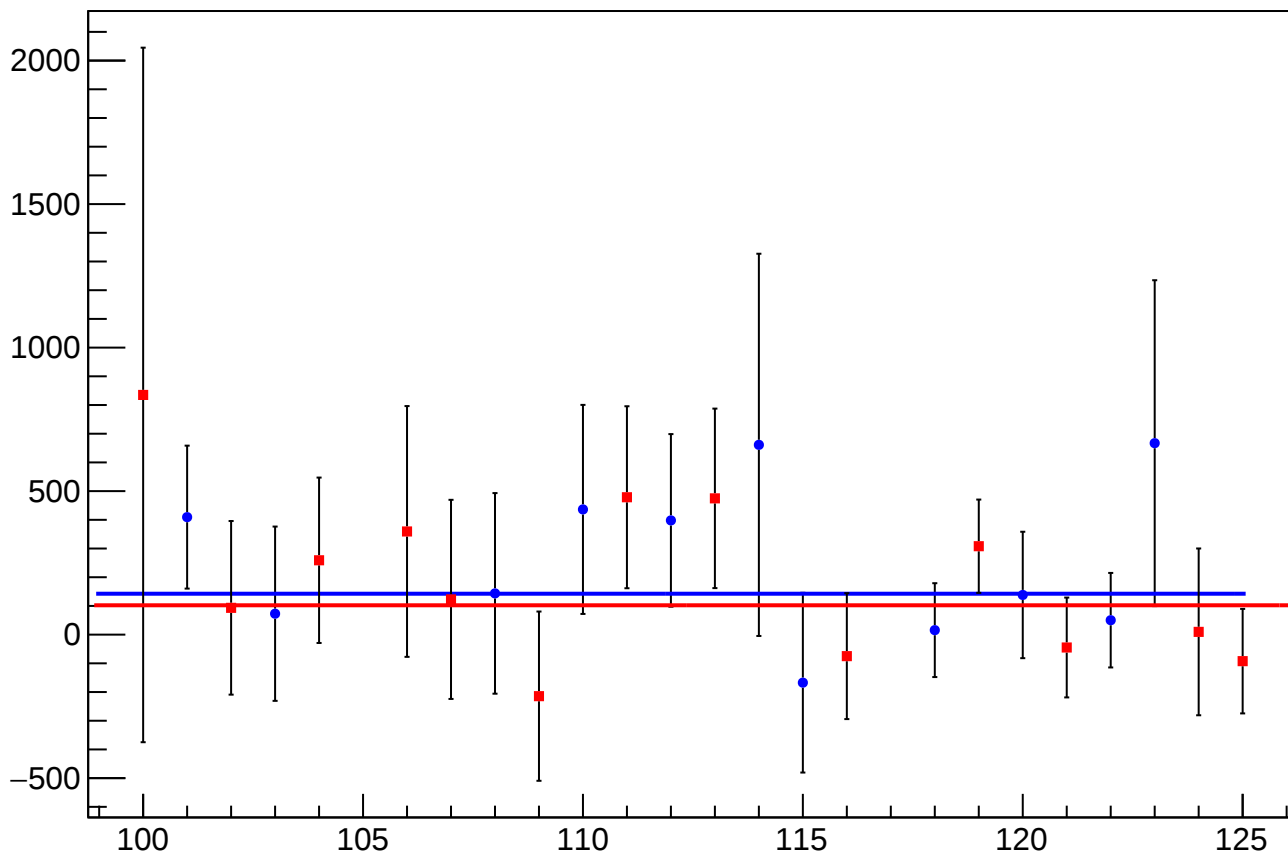
Right: 114.056+/-0.032 χ^2/NDF : 4204864.0/23

In: 109.496+/-0.046 χ^2/NDF : 1931606.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.056+/-0.032 χ^2/NDF : 4204864.0/23

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 142.527 $\pm$ 78.032 χ^2 /NDF: 5.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 102.254 $\pm$ 70.253 χ^2 /NDF: 9.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

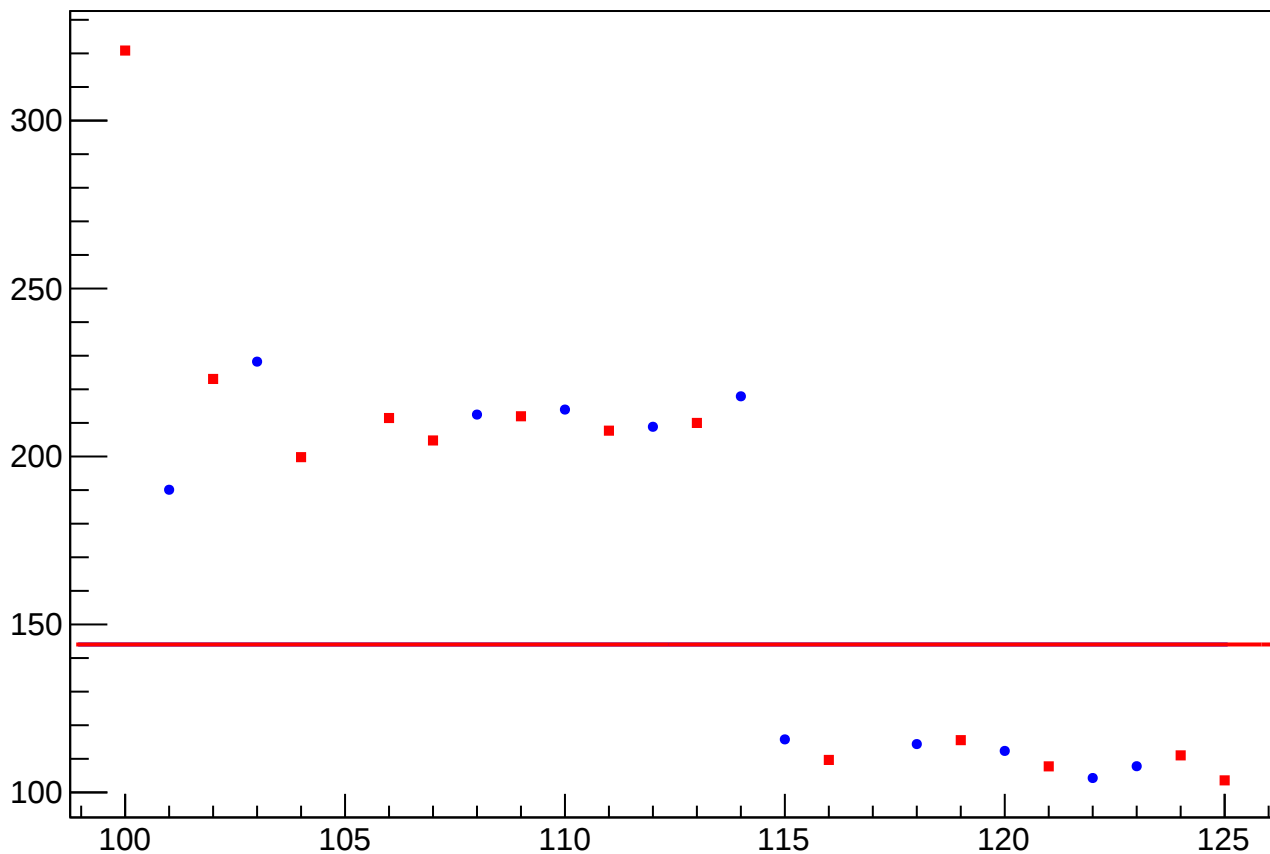
Right: 120.283 $\pm$ 52.211 χ^2 /NDF: 15.3/23

In: 142.527 $\pm$ 78.032 χ^2 /NDF: 5.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 120.283 $\pm$ 52.211 χ^2 /NDF: 15.3/23

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 144.031 $\pm$ 0.055 χ^2 /NDF: 738397.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 144.039 $\pm$ 0.050 χ^2 /NDF: 961063.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

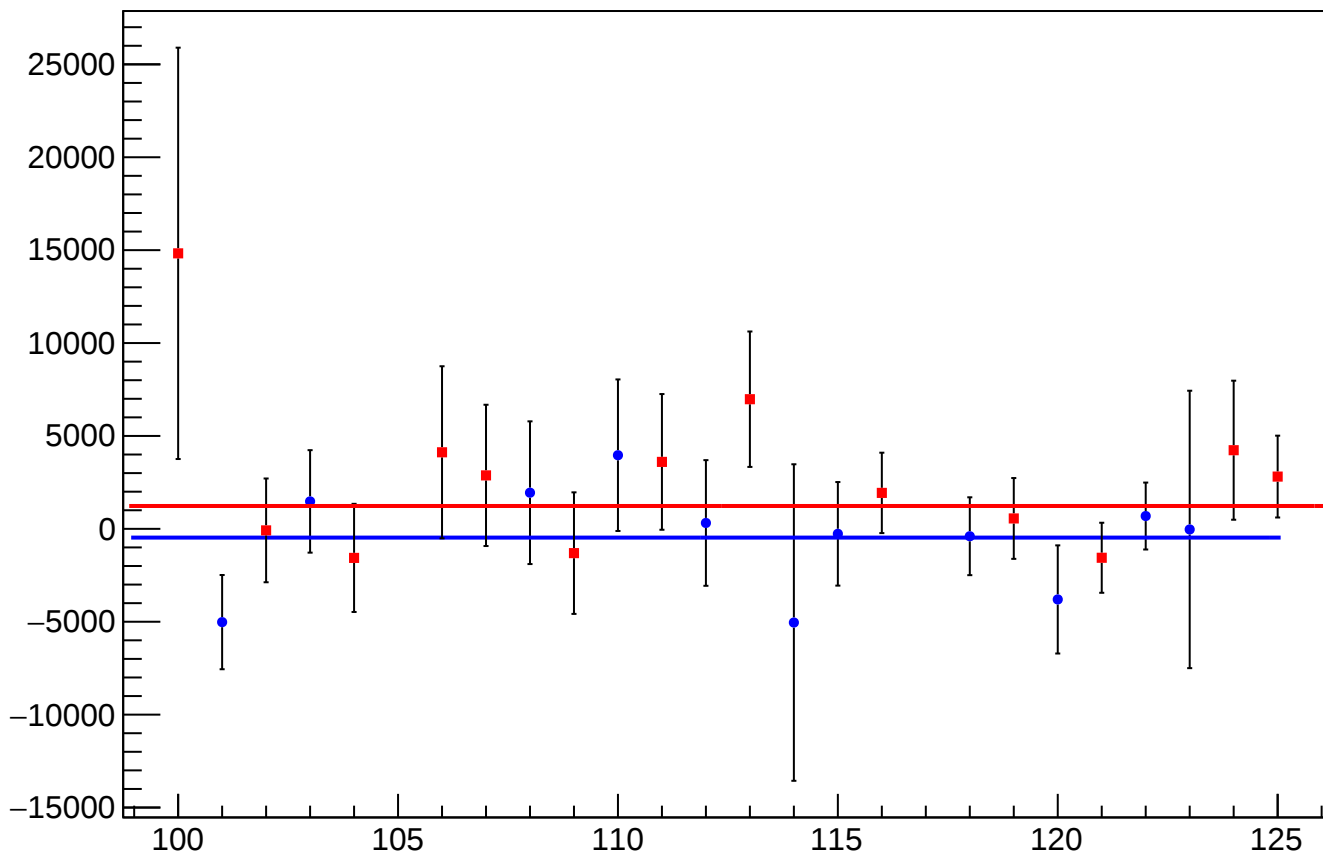
Right: 144.035 $\pm$ 0.037 χ^2 /NDF: 1699460.1/23

In: 144.031 $\pm$ 0.055 χ^2 /NDF:738397.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 144.035 $\pm$ 0.037 χ^2 /NDF: 1699460.1/23

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -470.902+/-871.441 χ^2/NDF : 7.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1230.223+/-791.043 χ^2/NDF : 10.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

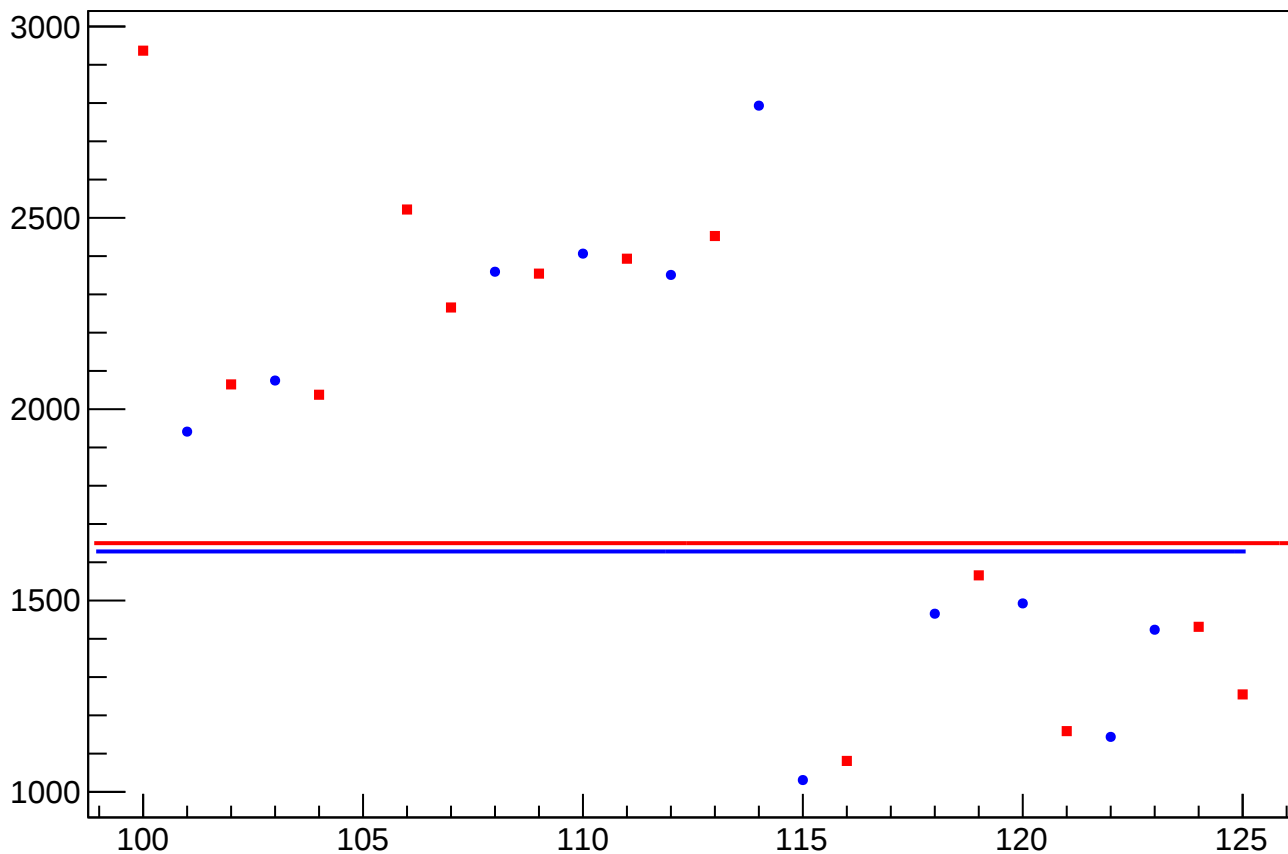
Right: 461.736+/-585.718 χ^2/NDF : 19.7/23

In: -470.902+/-871.441 χ^2/NDF : 7.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 461.736+/-585.718 χ^2/NDF : 19.7/23

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1628.261+/-0.616 χ^2/NDF : 611390.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1649.954+/-0.559 χ^2/NDF : 851011.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

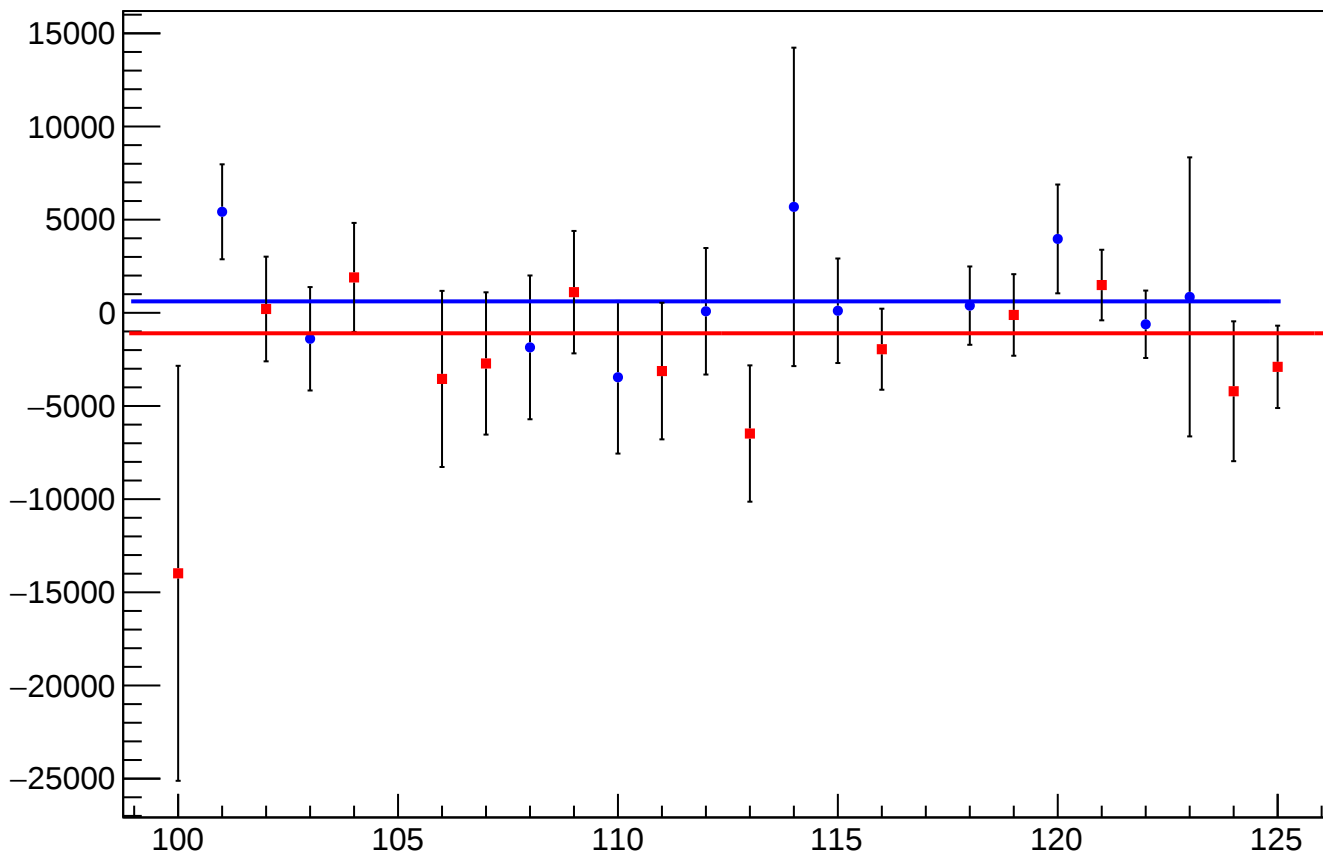
Right: 1640.154+/-0.414 χ^2/NDF : 1463081.5/23

In: 1628.261+/-0.616 χ^2/NDF : 611390.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1640.154+/-0.414 χ^2/NDF : 1463081.5/23

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 614.990+/-875.309 χ^2/NDF : 7.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1098.222+/-795.157 χ^2/NDF : 9.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

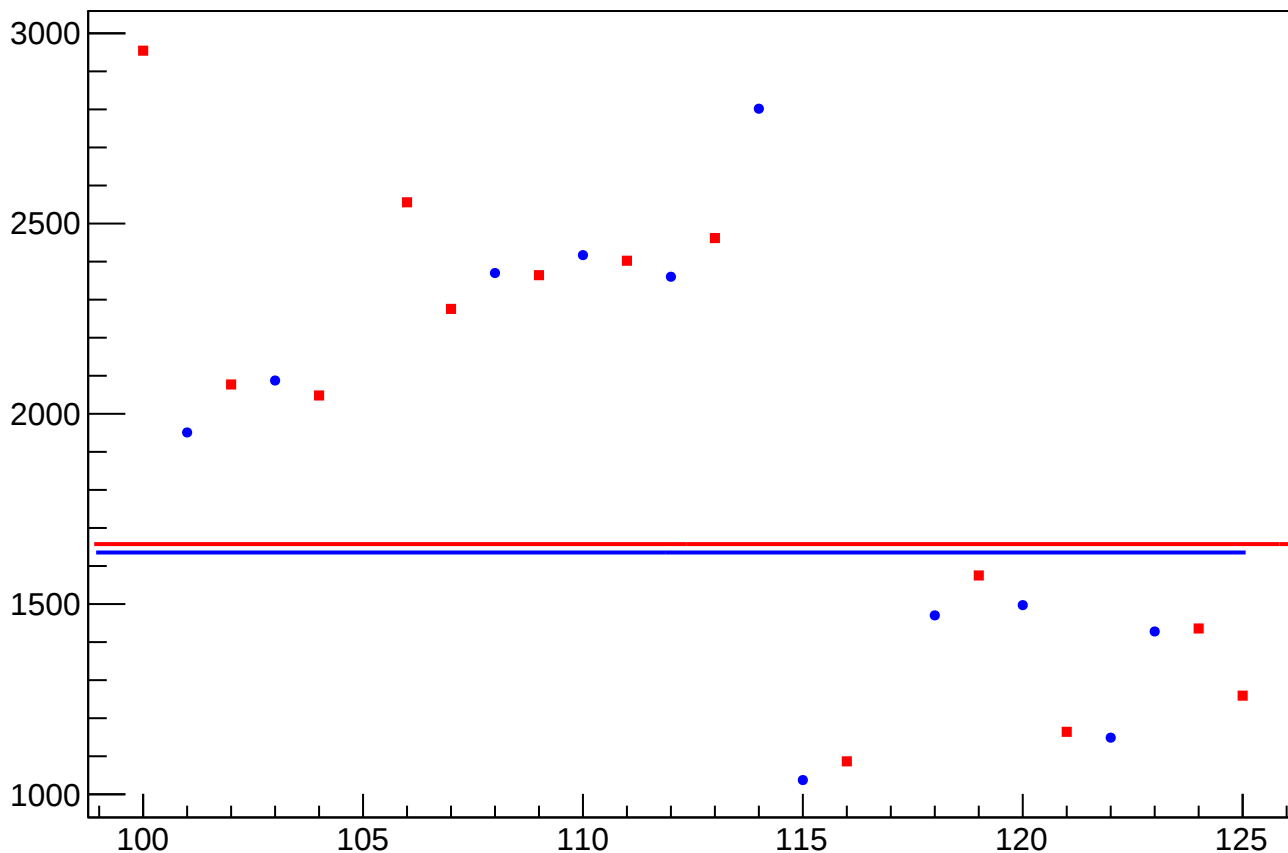
Right: -323.630+/-588.562 χ^2/NDF : 19.3/23

In: 614.990+/-875.309 χ^2/NDF : 7.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -323.630+/-588.562 χ^2/NDF : 19.3/23

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1635.506+/-0.619 χ^2/NDF : 611399.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1657.625+/-0.562 χ^2/NDF : 852228.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

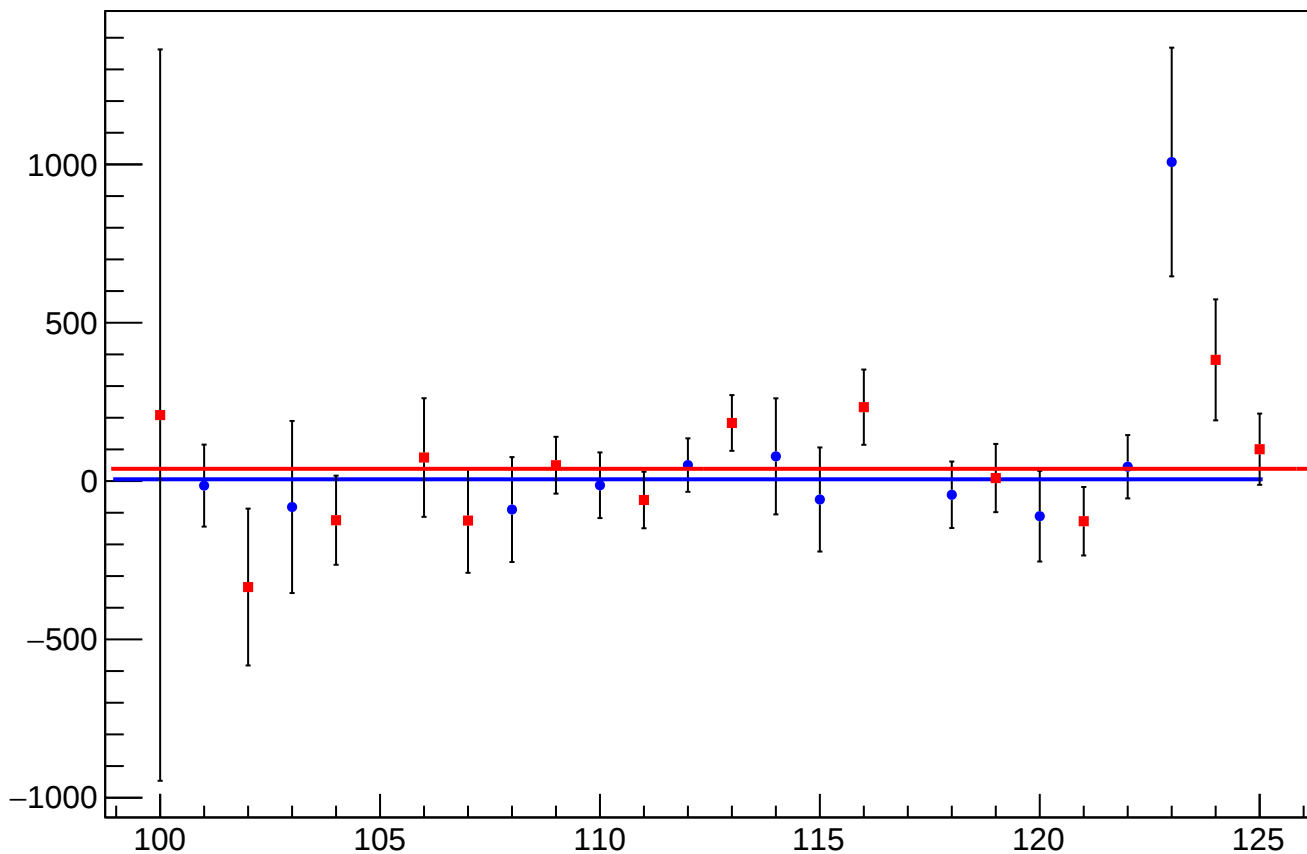
Right: 1647.625+/-0.416 χ^2/NDF : 1464328.1/23

In: 1635.506+/-0.619 χ^2/NDF : 611399.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1647.625+/-0.416 χ^2/NDF : 1464328.1/23

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 5.636 $\pm$ 39.017 χ^2 /NDF: 9.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.734 $\pm$ 34.081 χ^2 /NDF: 17.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

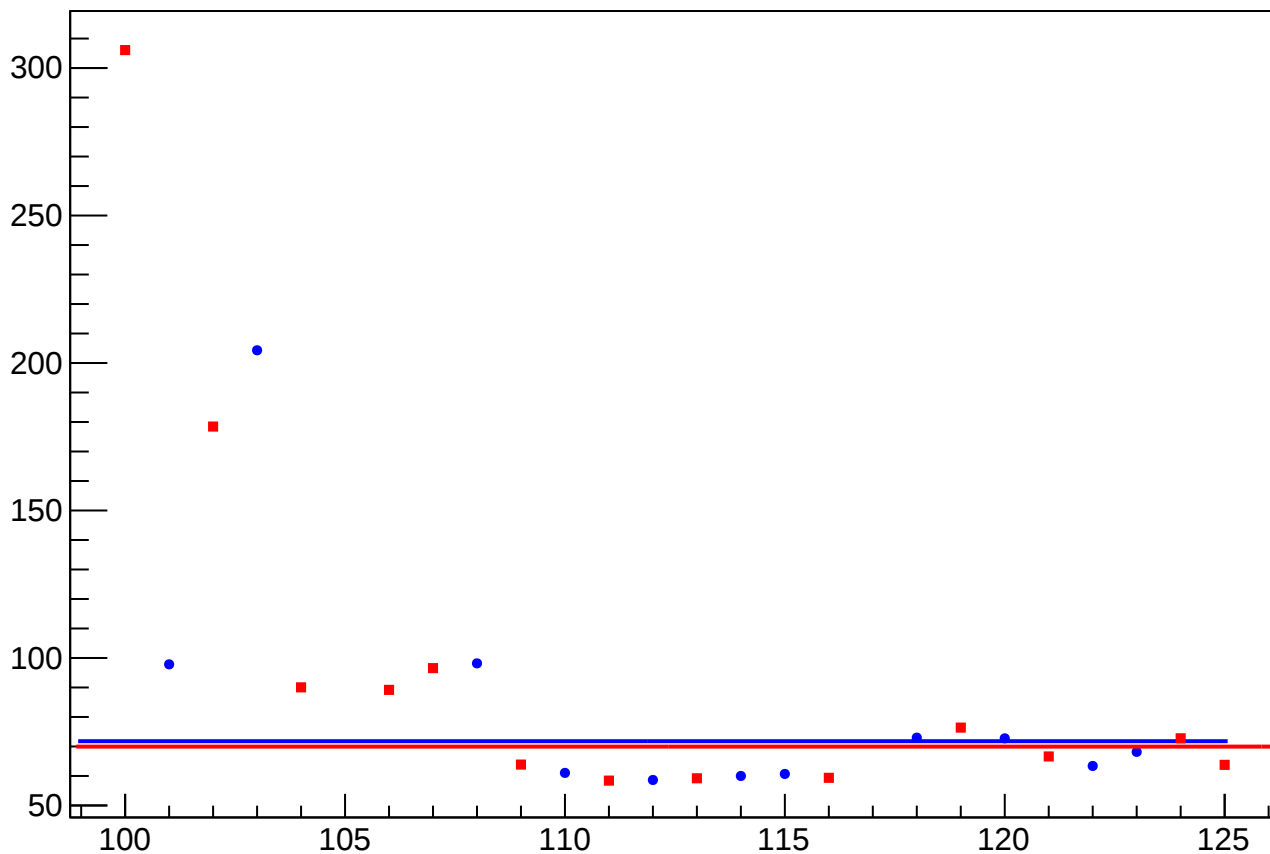
Right: 24.410 $\pm$ 25.668 χ^2 /NDF: 27.5/23

In: 5.636 $\pm$ 39.017 χ^2 /NDF: 9.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.410 $\pm$ 25.668 χ^2 /NDF: 27.5/23

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 71.781+/-0.028 χ^2/NDF : 709503.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.957+/-0.024 χ^2/NDF : 685247.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

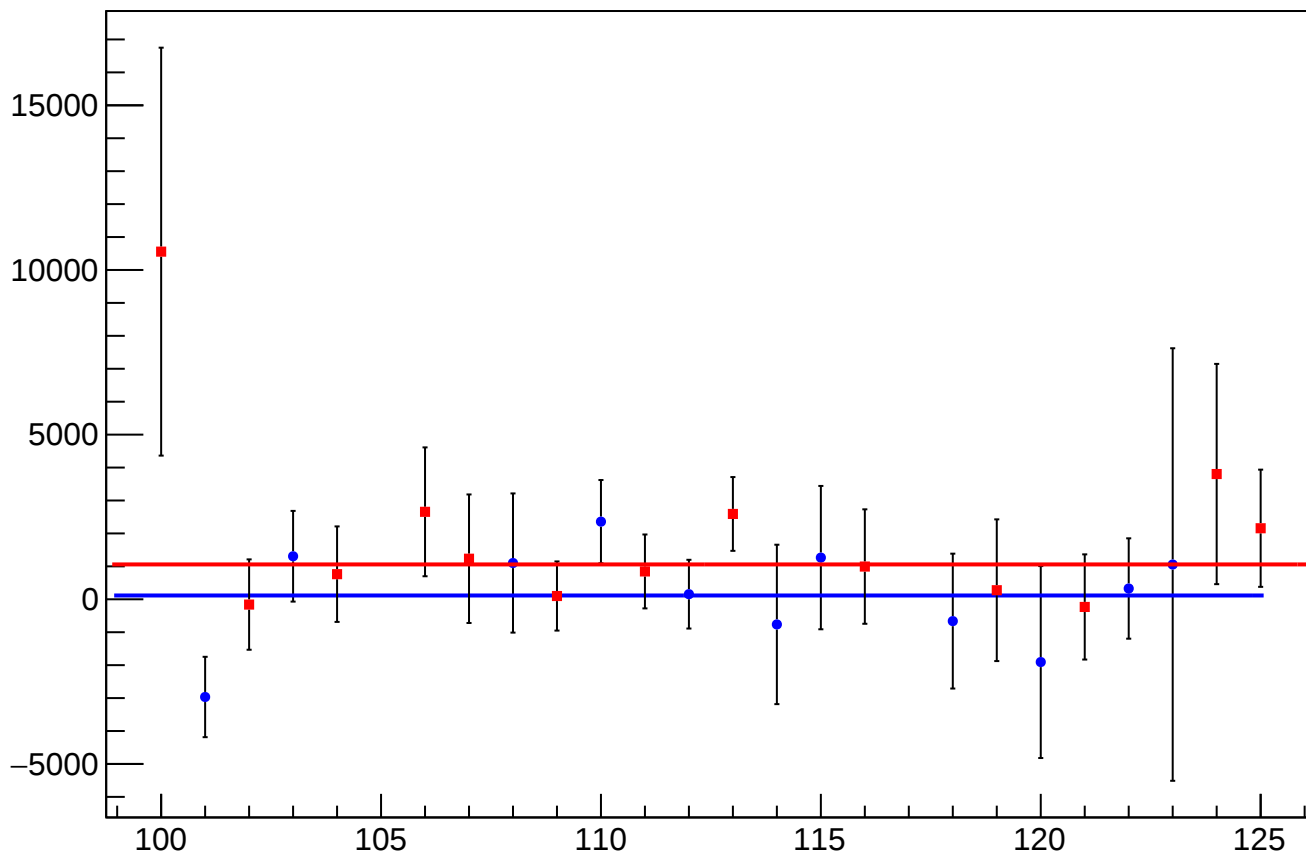
Right: 70.746+/-0.018 χ^2/NDF : 1397230.7/23

In: 71.781+/-0.028 χ^2/NDF : 709503.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.746+/-0.018 χ^2/NDF : 1397230.7/23

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: 115.556+/-490.372 χ^2/NDF : 11.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1058.646+/-430.337 χ^2/NDF : 8.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

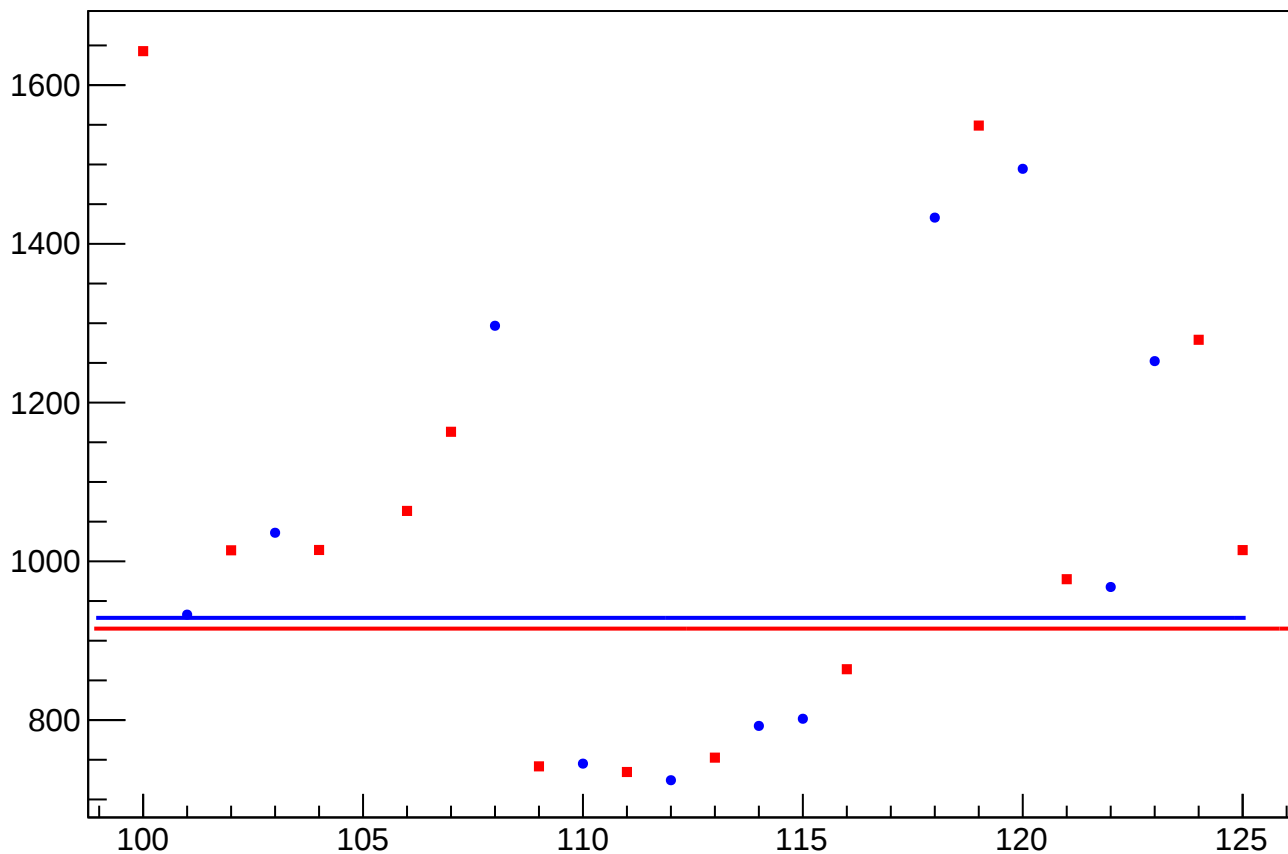
Right: 648.334+/-323.449 χ^2/NDF : 22.1/23

In: 115.556+/-490.372 χ^2/NDF : 11.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 648.334+/-323.449 χ^2/NDF : 22.1/23

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 928.791+/-0.347 χ^2/NDF : 407794.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 915.238+/-0.304 χ^2/NDF : 447870.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

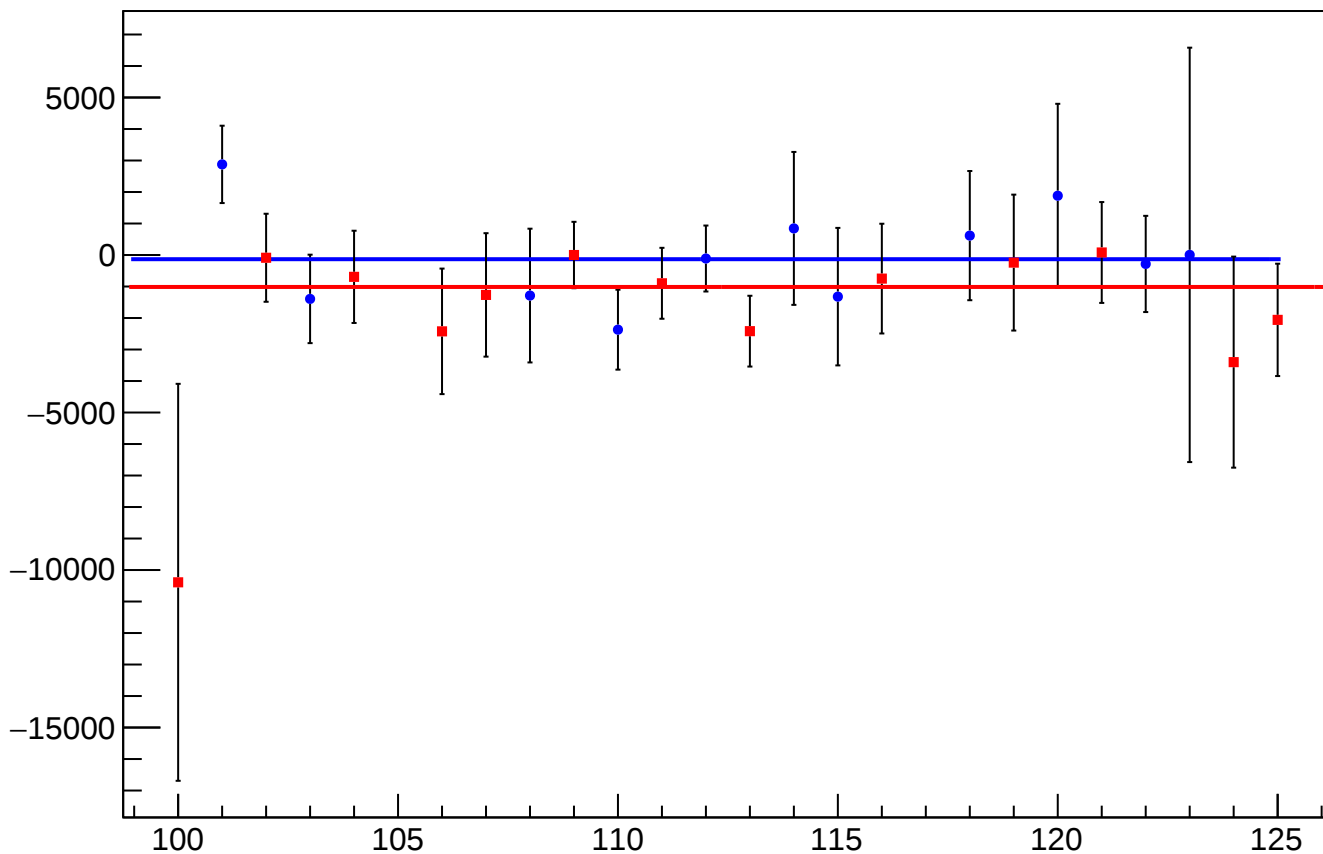
Right: 921.135+/-0.229 χ^2/NDF : 856527.7/23

In: 928.791+/-0.347 χ^2/NDF :407794.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 921.135+/-0.229 χ^2/NDF : 856527.7/23

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -132.952+/-493.100 χ^2/NDF : 11.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1014.049+/-432.887 χ^2/NDF : 7.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

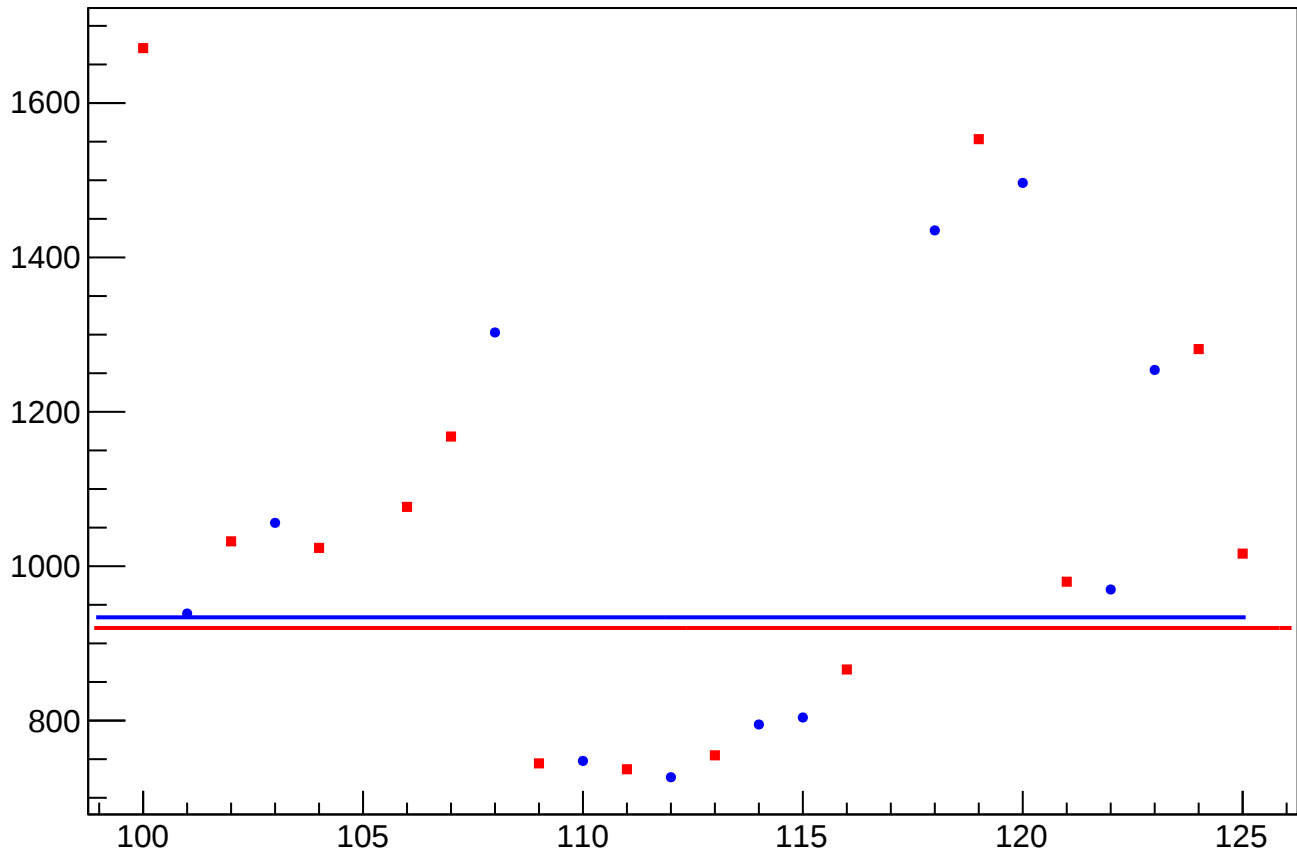
Right: -630.553+/-325.314 χ^2/NDF : 20.3/23

In: -132.952+/-493.100 χ^2/NDF : 11.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -630.553+/-325.314 χ^2/NDF : 20.3/23

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 933.798+/-0.349 χ^2/NDF : 410304.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 919.993+/-0.306 χ^2/NDF : 453346.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

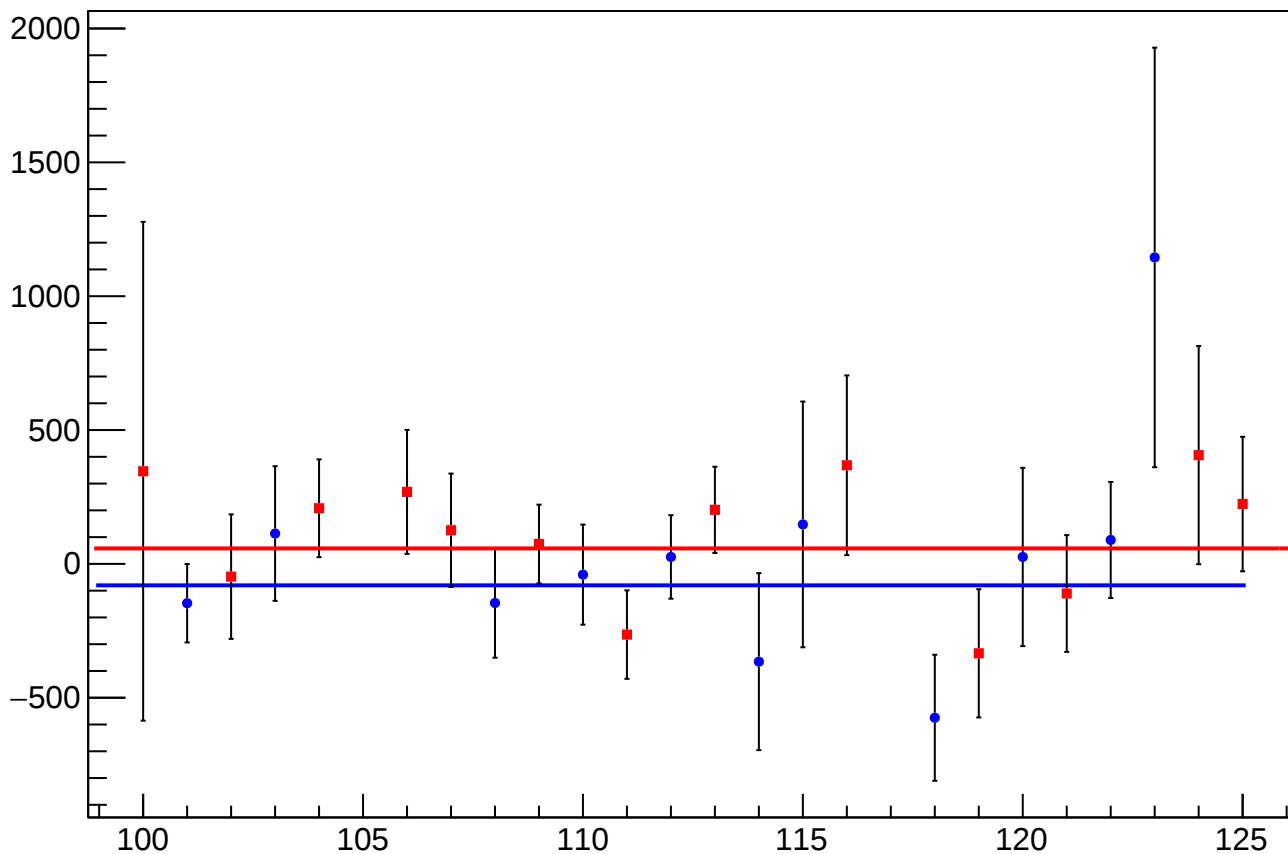
Right: 926.002+/-0.230 χ^2/NDF : 864536.0/23

In: 933.798+/-0.349 χ^2/NDF : 410304.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 926.002+/-0.230 χ^2/NDF : 864536.0/23

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -80.197+/-67.435 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 57.666+/-59.634 χ^2/NDF : 11.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

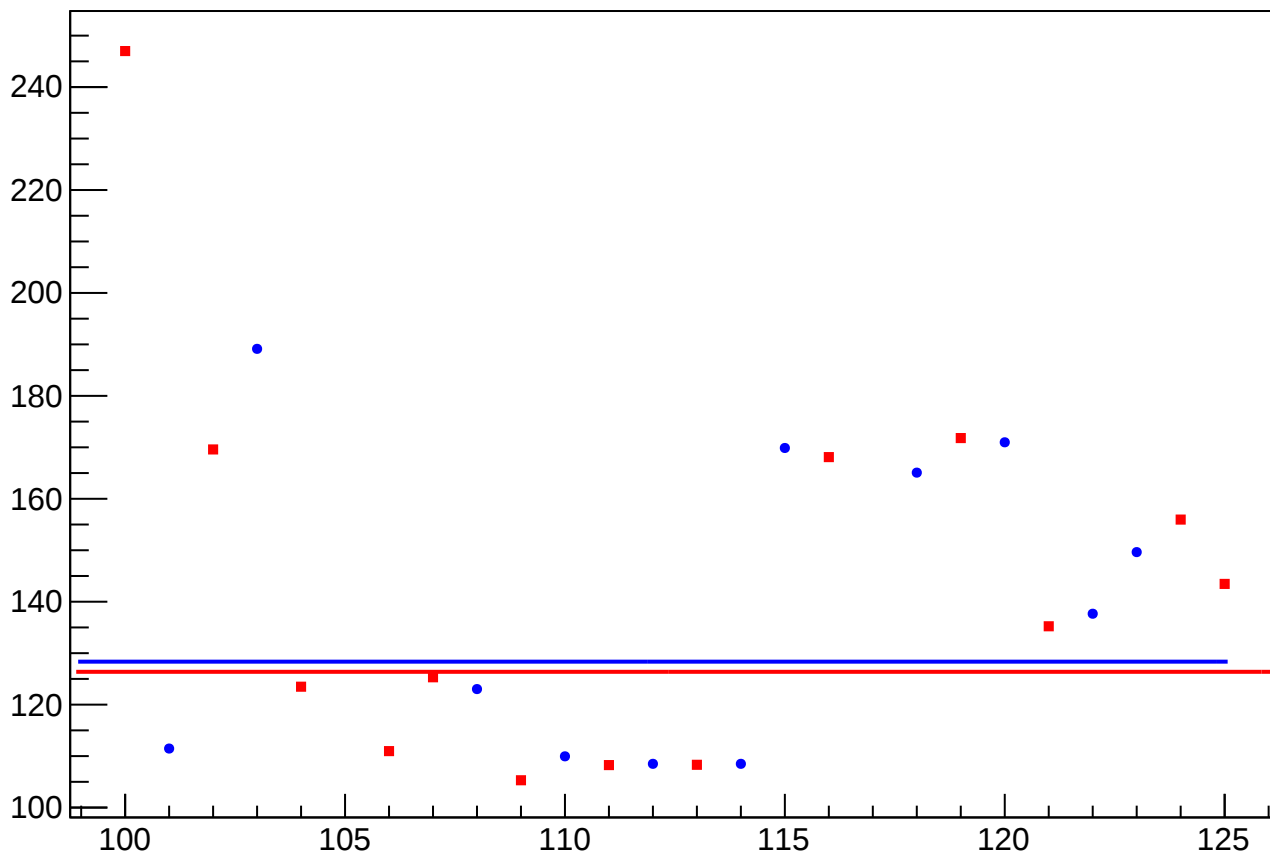
Right: -2.835+/-44.672 χ^2/NDF : 24.1/23

In: -80.197+/-67.435 χ^2/NDF :10.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.835+/-44.672 χ^2/NDF : 24.1/23

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 128.352+/-0.048 χ^2/NDF : 306661.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.379+/-0.042 χ^2/NDF : 328199.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

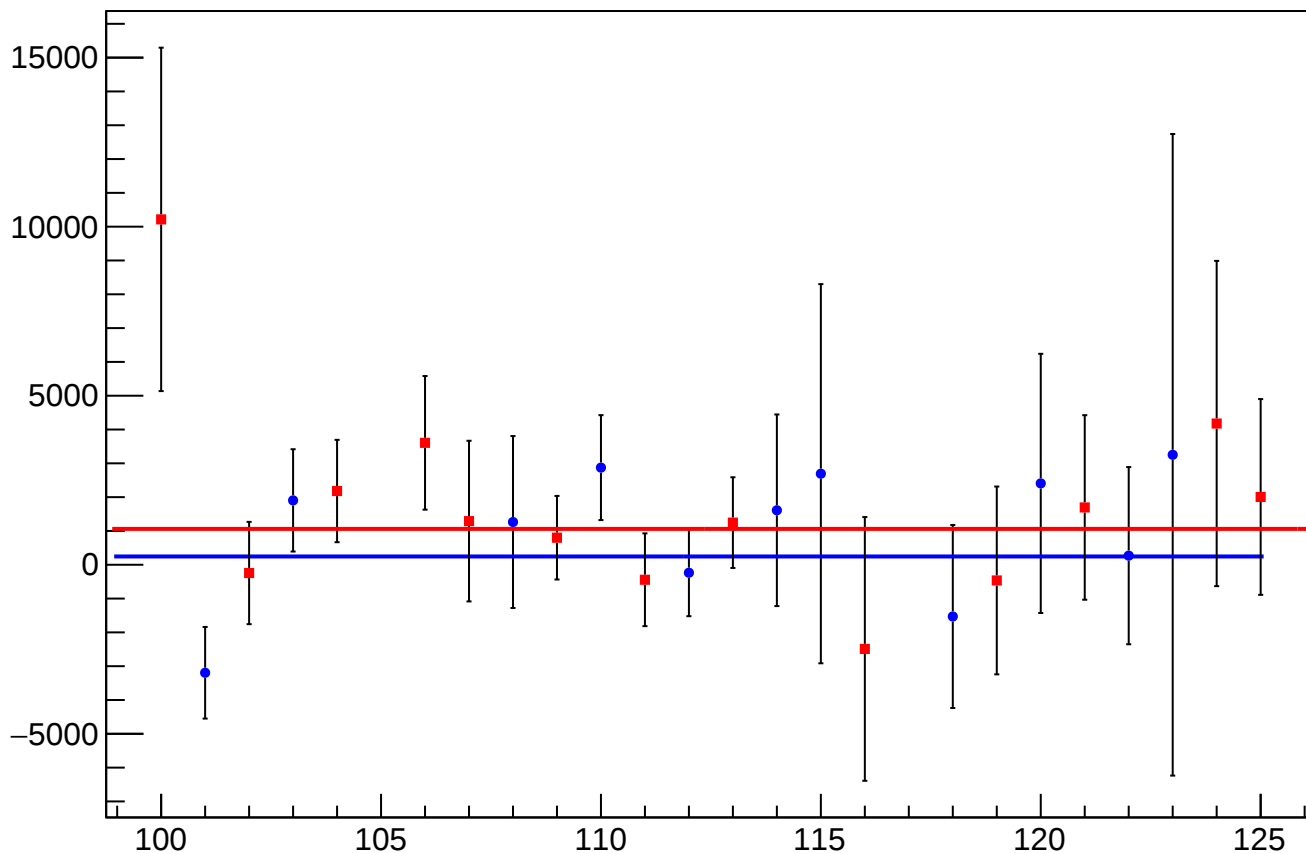
Right: 127.245+/-0.032 χ^2/NDF : 635821.6/23

In: 128.352+/-0.048 χ^2/NDF : 306661.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.245+/-0.032 χ^2/NDF : 635821.6/23

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: 245.056+/-611.535 χ^2/NDF : 12.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1061.232+/-528.598 χ^2/NDF : 9.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

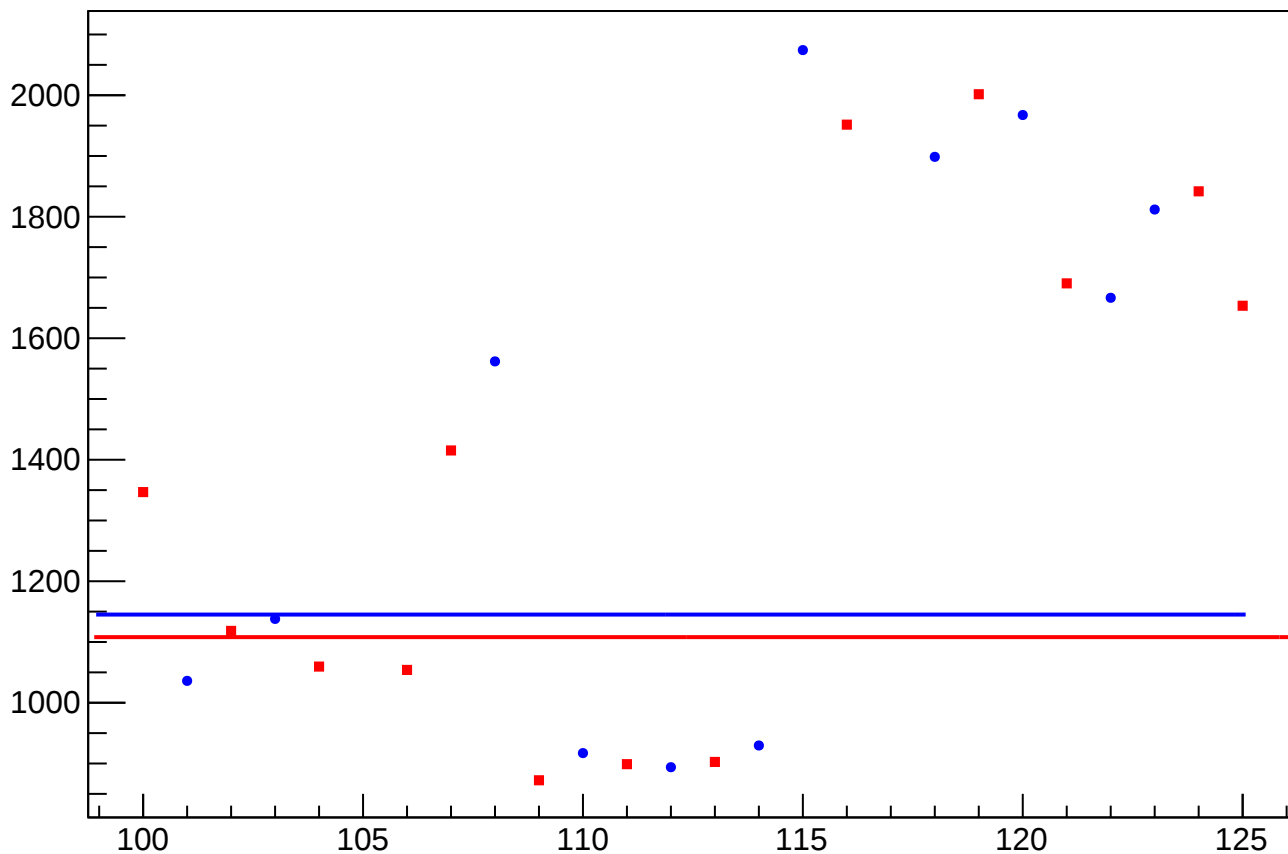
Right: 712.203+/-399.908 χ^2/NDF : 22.3/23

In: 245.056+/-611.535 χ^2/NDF : 12.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 712.203+/-399.908 χ^2/NDF : 22.3/23

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1145.153+/-0.432 χ^2/NDF : 588852.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1108.004+/-0.374 χ^2/NDF : 716633.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

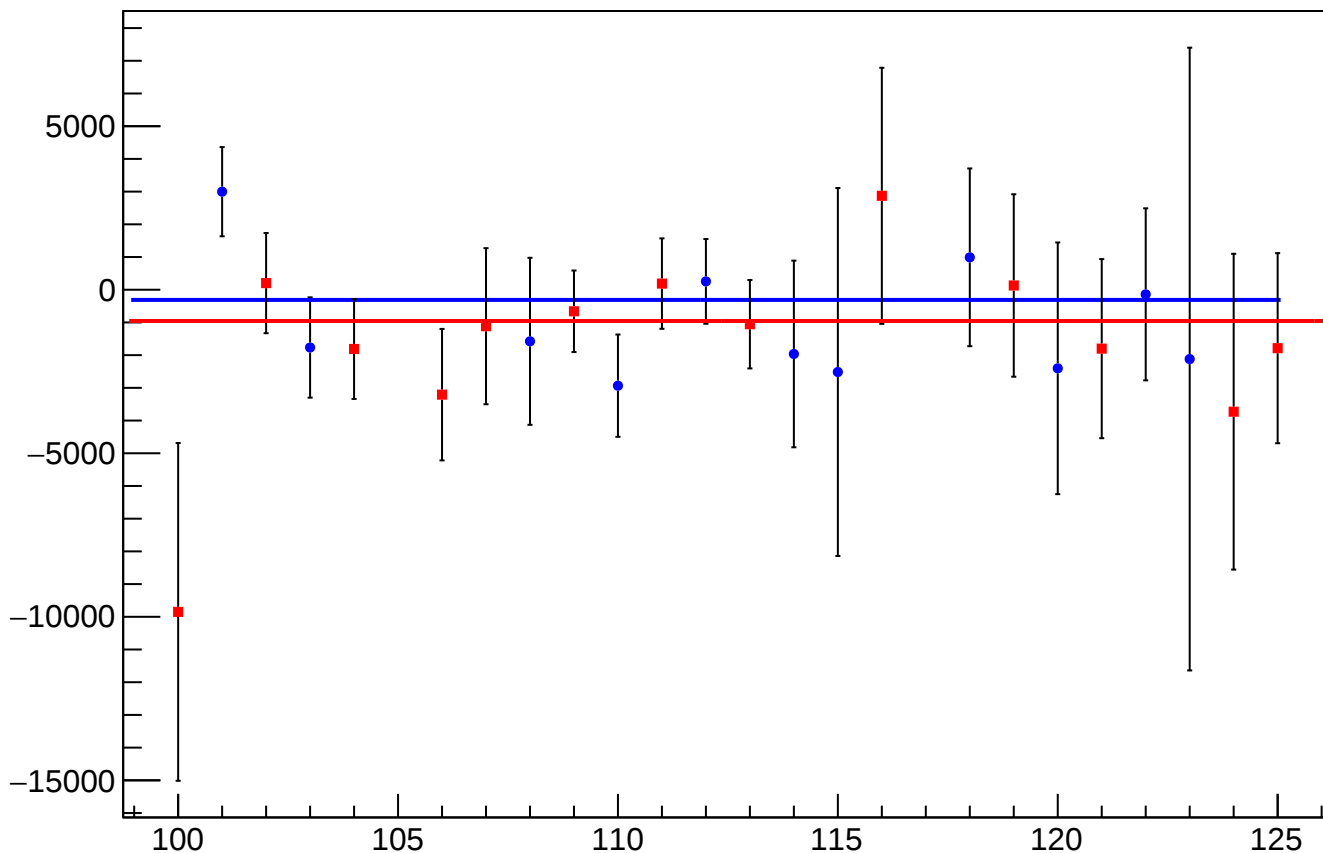
Right: 1123.890+/-0.283 χ^2/NDF : 1309710.0/23

In: 1145.153+/-0.432 χ^2/NDF : 588852.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1123.890+/-0.283 χ^2/NDF : 1309710.0/23

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -311.367+/-616.066 χ^2/NDF : 11.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -954.994+/-533.057 χ^2/NDF : 7.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

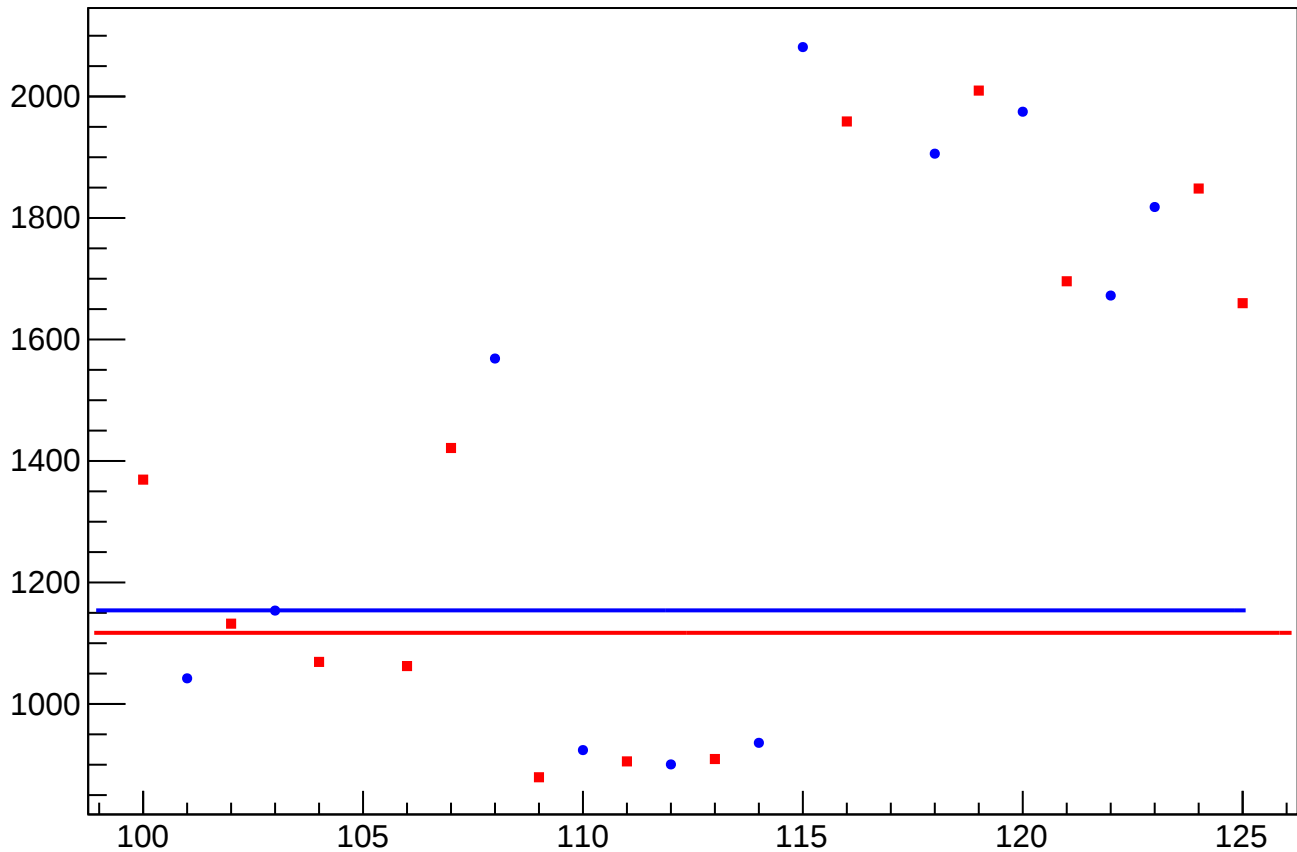
Right: -679.433+/-403.106 χ^2/NDF : 19.2/23

In: -311.367+/-616.066 χ^2/NDF : 11.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -679.433+/-403.106 χ^2/NDF : 19.2/23

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1154.071+/-0.436 χ^2/NDF : 583675.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1117.108+/-0.377 χ^2/NDF : 710226.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

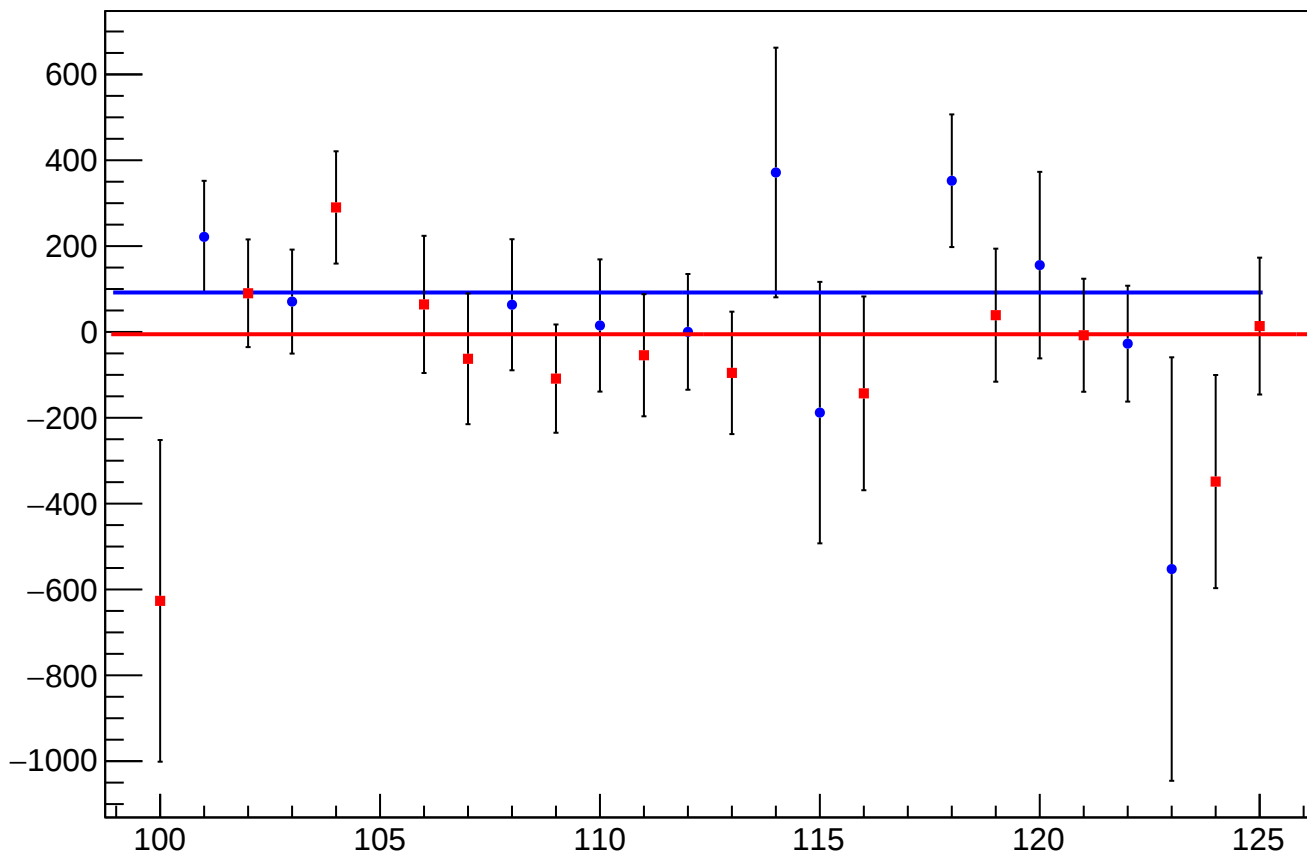
Right: 1132.933+/-0.285 χ^2/NDF : 1298018.7/23

In: 1154.071+/-0.436 χ^2/NDF :583675.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1132.933+/-0.285 χ^2/NDF : 1298018.7/23

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 91.901 $\pm$ 49.299 χ^2 /NDF: 8.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -5.343 $\pm$ 42.747 χ^2 /NDF: 12.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

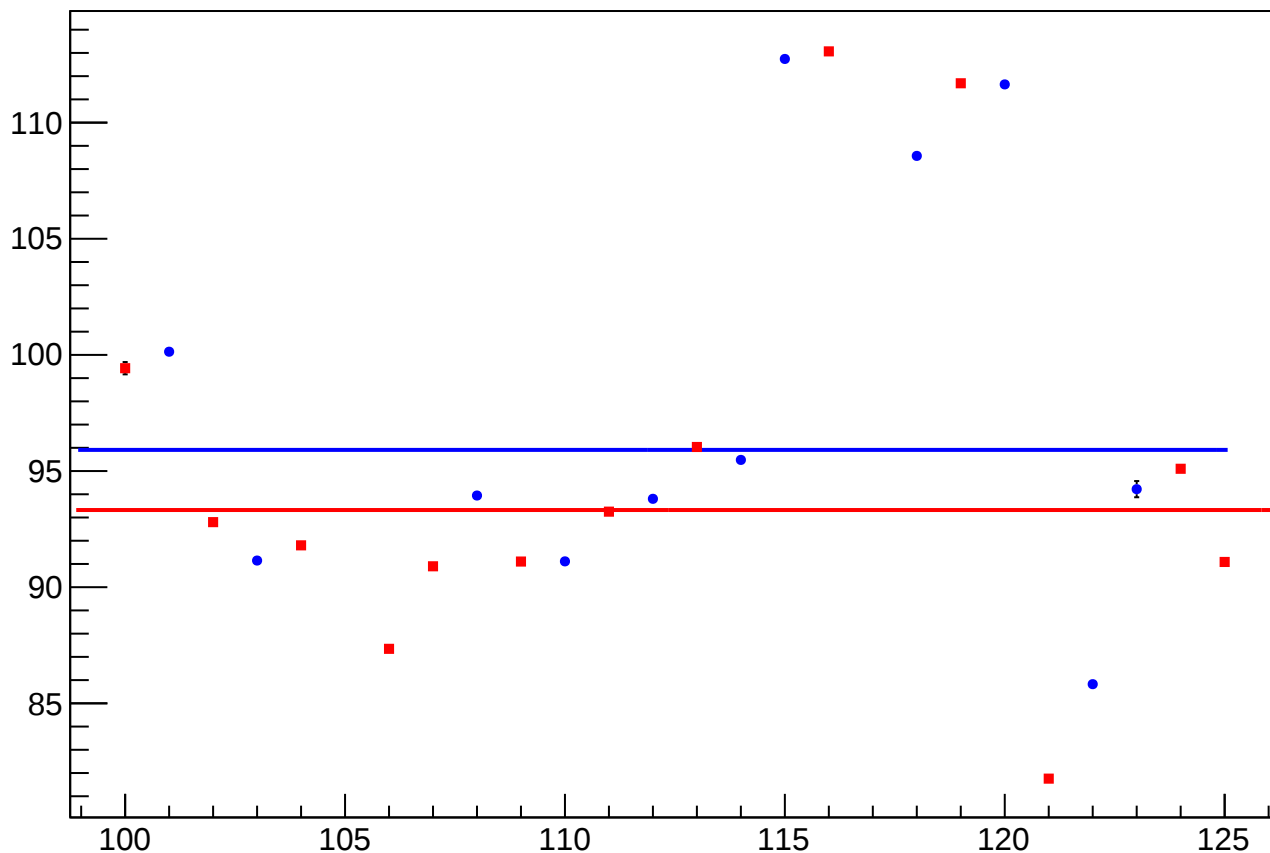
Right: 36.392 $\pm$ 32.296 χ^2 /NDF: 23.5/23

In: 91.901 $\pm$ 49.299 χ^2 /NDF:8.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 36.392 $\pm$ 32.296 χ^2 /NDF: 23.5/23

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 95.911+/-0.035 χ^2/NDF : 49143.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.322+/-0.030 χ^2/NDF : 64802.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

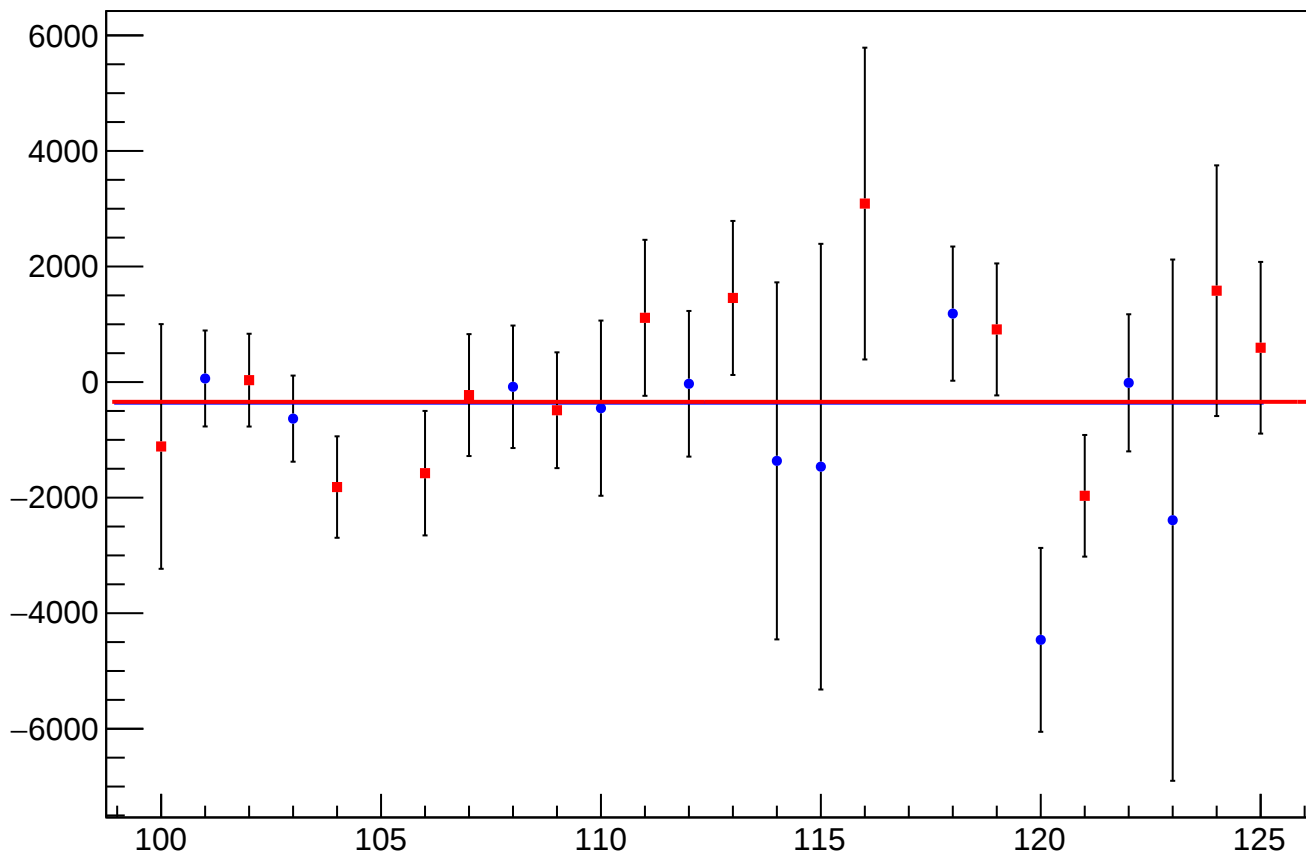
Right: 94.433+/-0.023 χ^2/NDF : 117093.4/23

In: 95.911+/-0.035 χ^2/NDF : 49143.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.433+/-0.023 χ^2/NDF : 117093.4/23

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -355.923 ± 370.810 χ^2/NDF : 9.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -341.940 ± 325.960 χ^2/NDF : 13.9/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

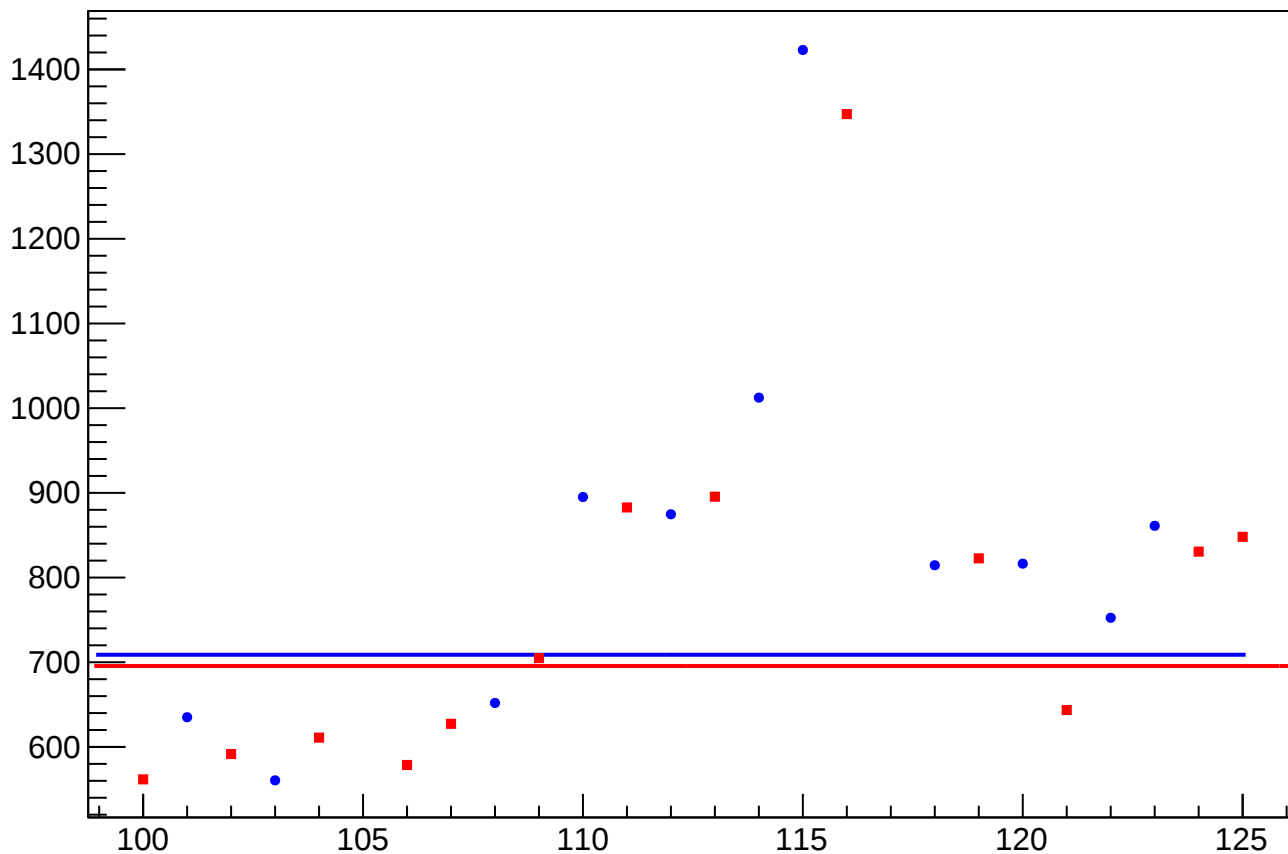
Right: -348.035 ± 244.818 χ^2/NDF : 23.3/23

In: -355.923 ± 370.810 χ^2/NDF : 9.4/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -348.035 ± 244.818 χ^2/NDF : 23.3/23

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 708.853+/-0.262 χ^2/NDF : 284153.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 695.529+/-0.230 χ^2/NDF : 350800.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

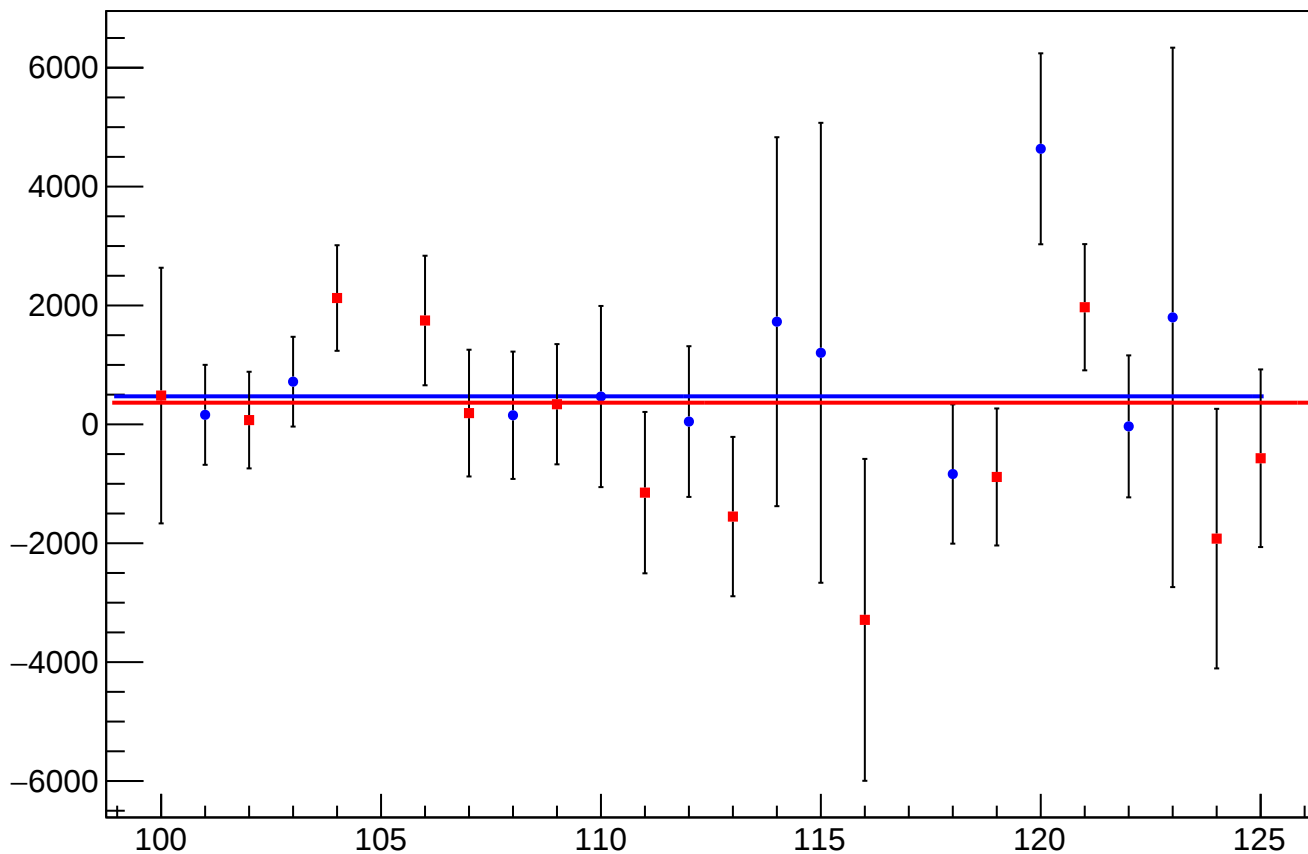
Right: 701.337+/-0.173 χ^2/NDF : 636410.5/23

In: 708.853+/-0.262 χ^2/NDF : 284153.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 701.337+/-0.173 χ^2/NDF : 636410.5/23

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 471.565+/-374.533 χ^2/NDF : 8.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 364.627+/-329.164 χ^2/NDF : 15.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

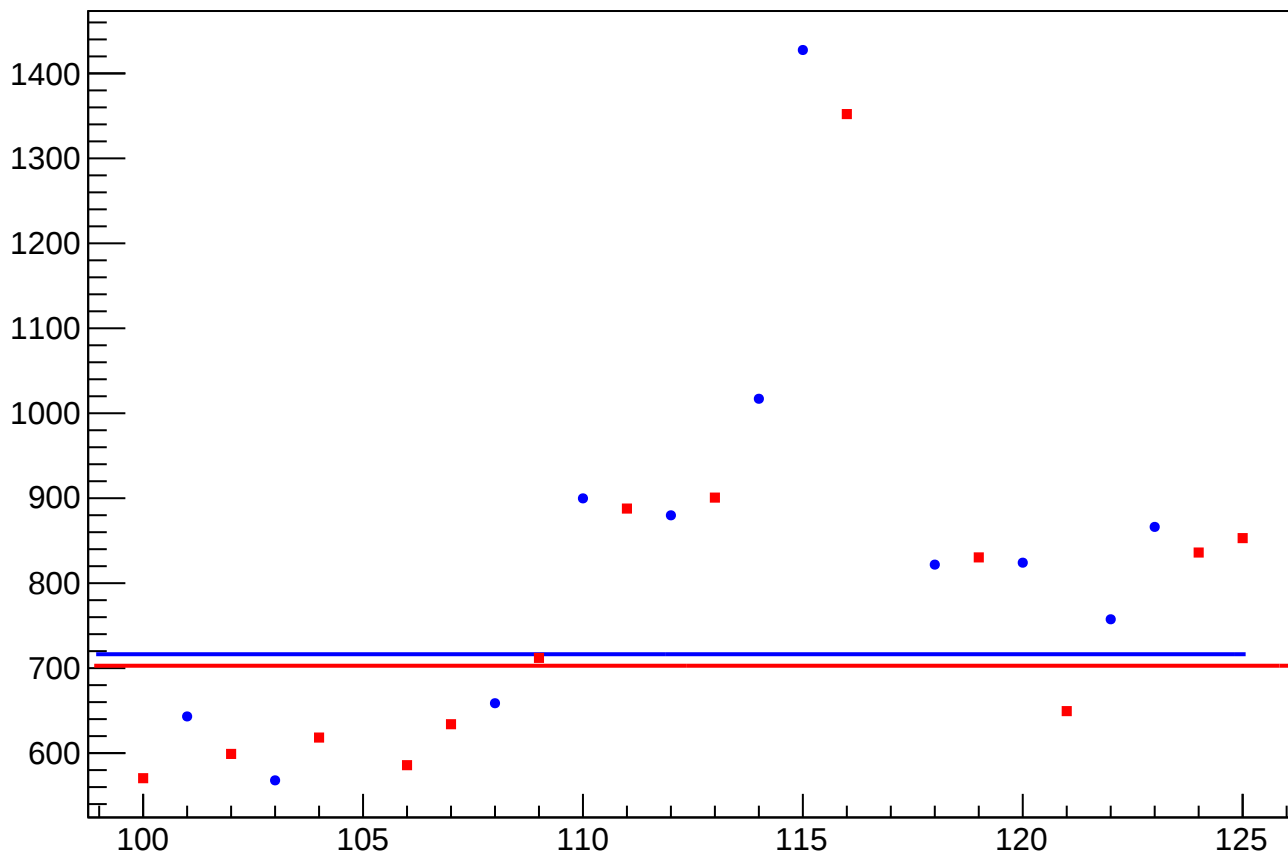
Right: 411.230+/-247.247 χ^2/NDF : 24.7/23

In: 471.565+/-374.533 χ^2/NDF : 8.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 411.230+/-247.247 χ^2/NDF : 24.7/23

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 716.382+/-0.265 χ^2/NDF : 276604.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 702.831+/-0.233 χ^2/NDF : 342810.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

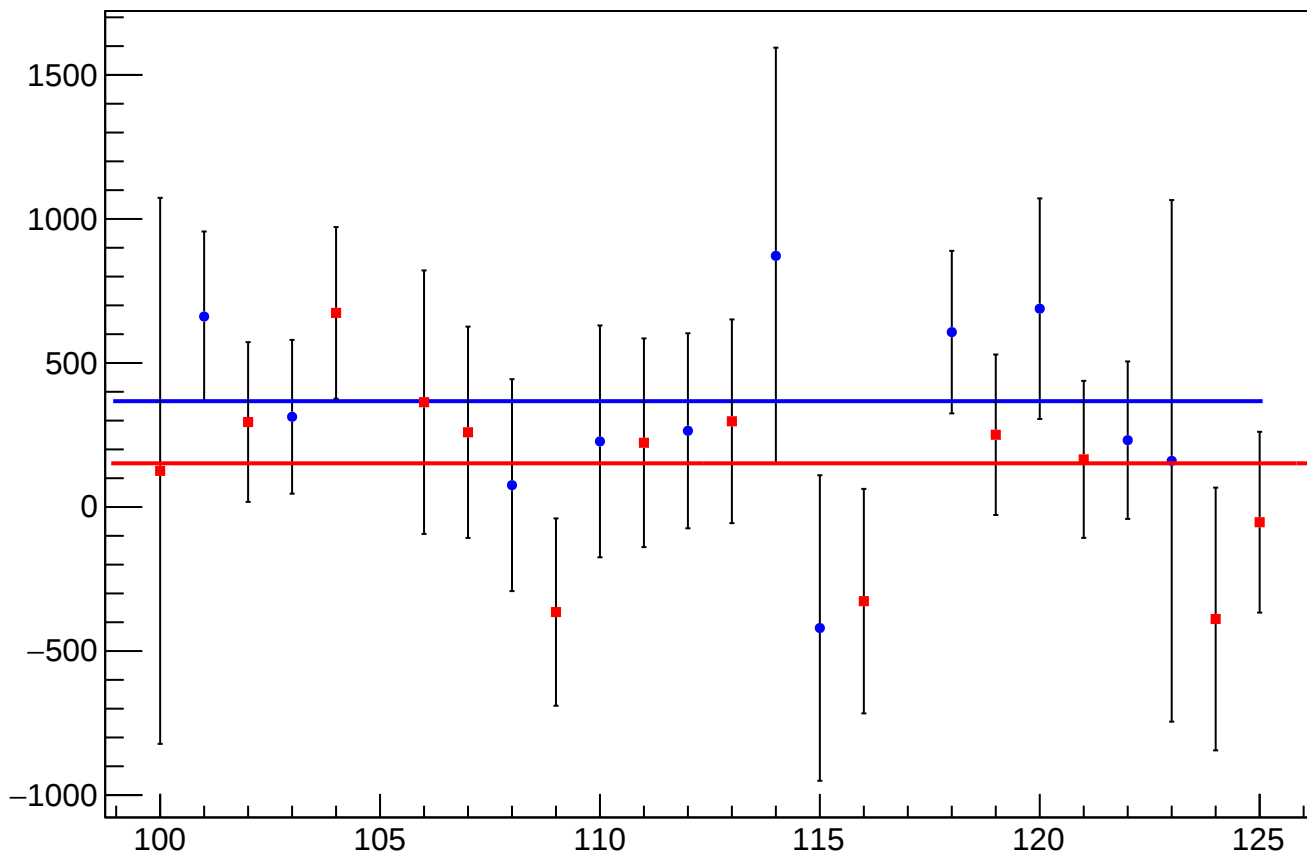
Right: 708.737+/-0.175 χ^2/NDF : 620891.7/23

In: 716.382+/-0.265 χ^2/NDF : 276604.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 708.737+/-0.175 χ^2/NDF : 620891.7/23

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 367.474 $\pm$ 107.047 χ^2 /NDF: 6.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 151.734 $\pm$ 95.101 χ^2 /NDF: 9.8/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

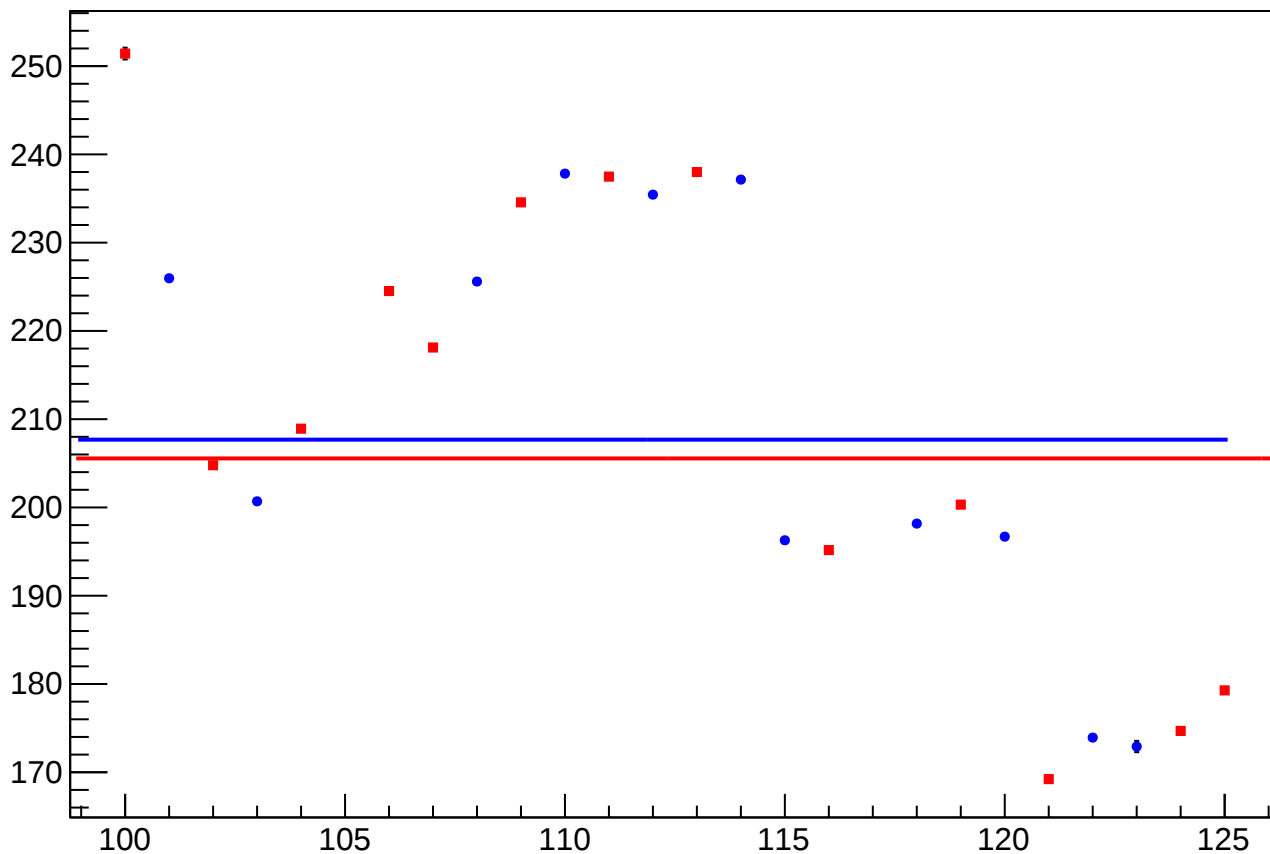
Right: 246.899 $\pm$ 71.097 χ^2 /NDF: 18.4/23

In: 367.474 $\pm$ 107.047 χ^2 /NDF:6.3/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 246.899 $\pm$ 71.097 χ^2 /NDF: 18.4/23

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 207.682 $\pm$ 0.076 χ^2 /NDF: 80066.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 205.554 $\pm$ 0.067 χ^2 /NDF: 119870.5/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

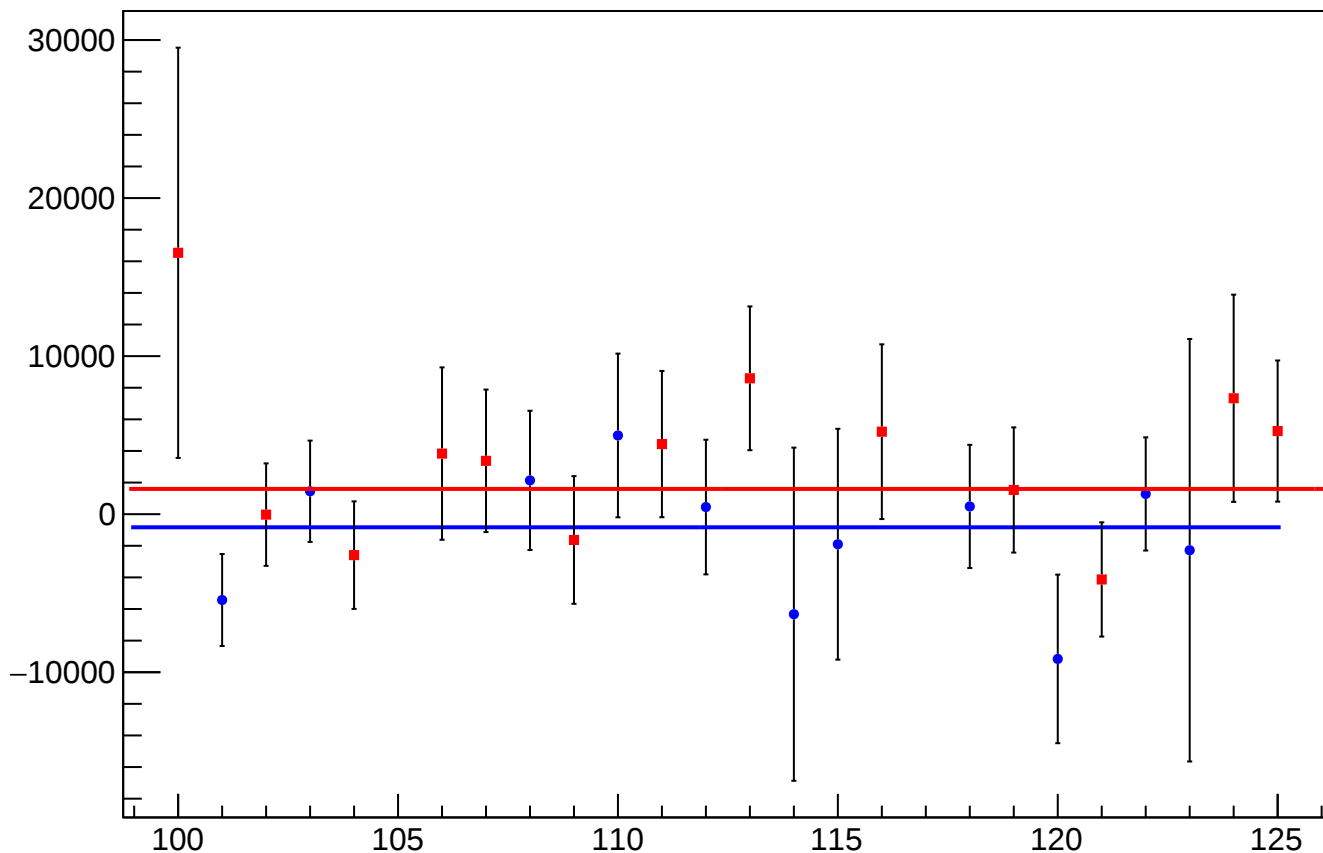
Right: 206.492 $\pm$ 0.050 χ^2 /NDF: 200378.3/23

In: 207.682 $\pm$ 0.076 χ^2 /NDF:80066.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 206.492 $\pm$ 0.050 χ^2 /NDF: 200378.3/23

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -830.004+/-1322.428 χ^2/NDF : 8.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1598.426+/-1218.775 χ^2/NDF : 11.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

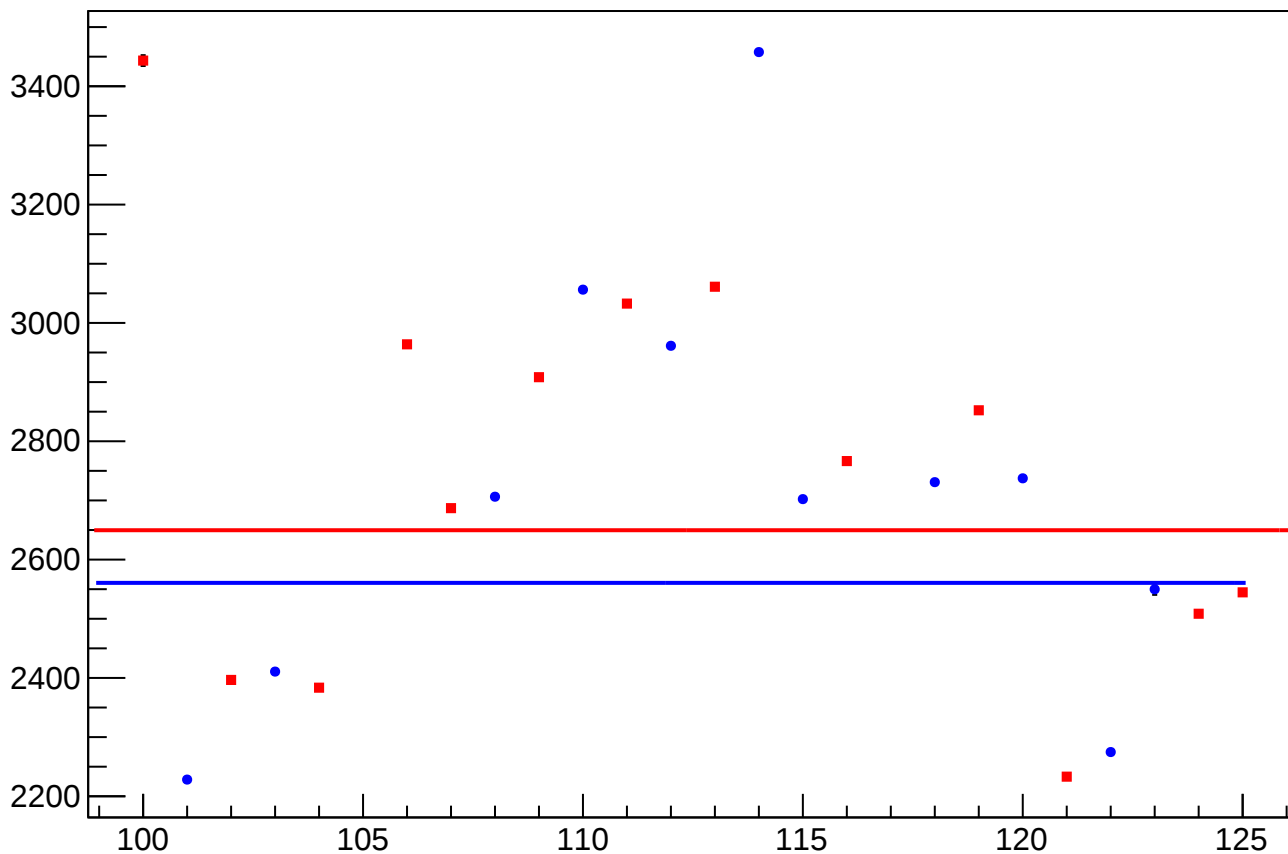
Right: 483.099+/-896.211 χ^2/NDF : 21.0/23

In: -830.004+/-1322.428 χ^2/NDF : 8.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 483.099+/-896.211 χ^2/NDF : 21.0/23

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2560.684+/-0.935 χ^2/NDF : 102691.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2649.650+/-0.862 χ^2/NDF : 111692.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

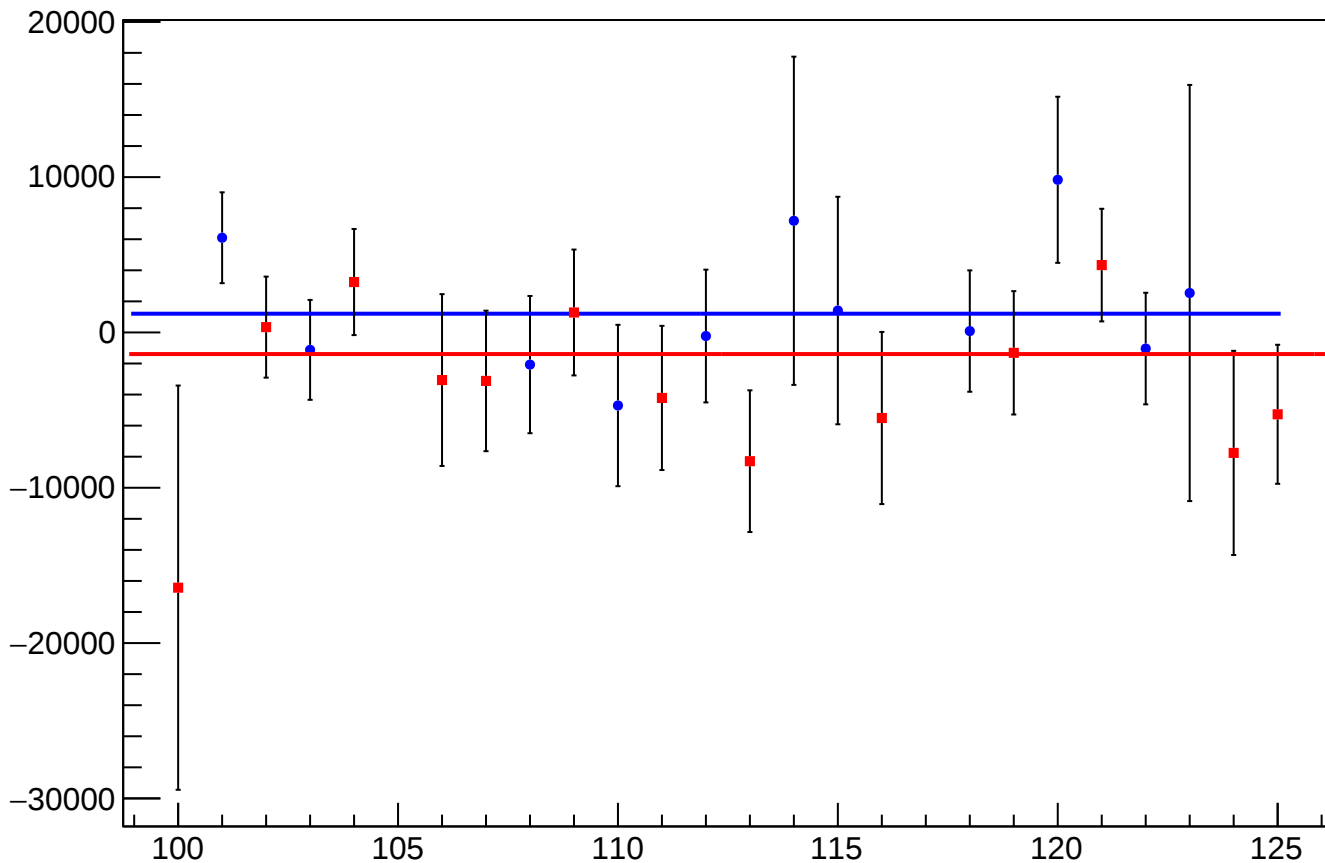
Right: 2608.790+/-0.634 χ^2/NDF : 219278.4/23

In: 2560.684+/-0.935 χ^2/NDF : 102691.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2608.790+/-0.634 χ^2/NDF : 219278.4/23

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1206.387+/-1327.071 χ^2/NDF : 8.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1392.503+/-1223.293 χ^2/NDF : 11.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

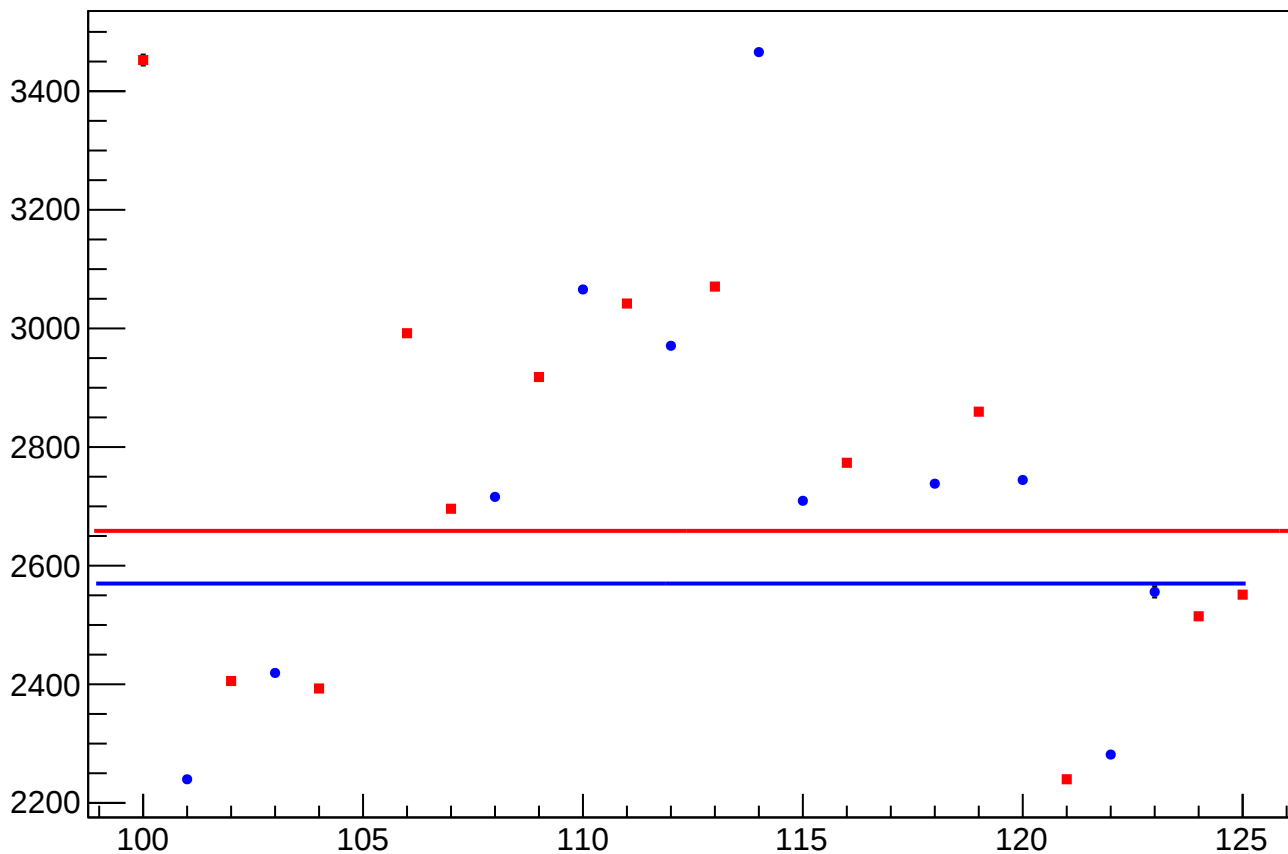
Right: -198.636+/-899.453 χ^2/NDF : 22.3/23

In: 1206.387+/-1327.071 χ^2/NDF : 8.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -198.636+/-899.453 χ^2/NDF : 22.3/23

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2569.871+/-0.938 χ^2/NDF : 101727.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2658.680+/-0.865 χ^2/NDF : 112000.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

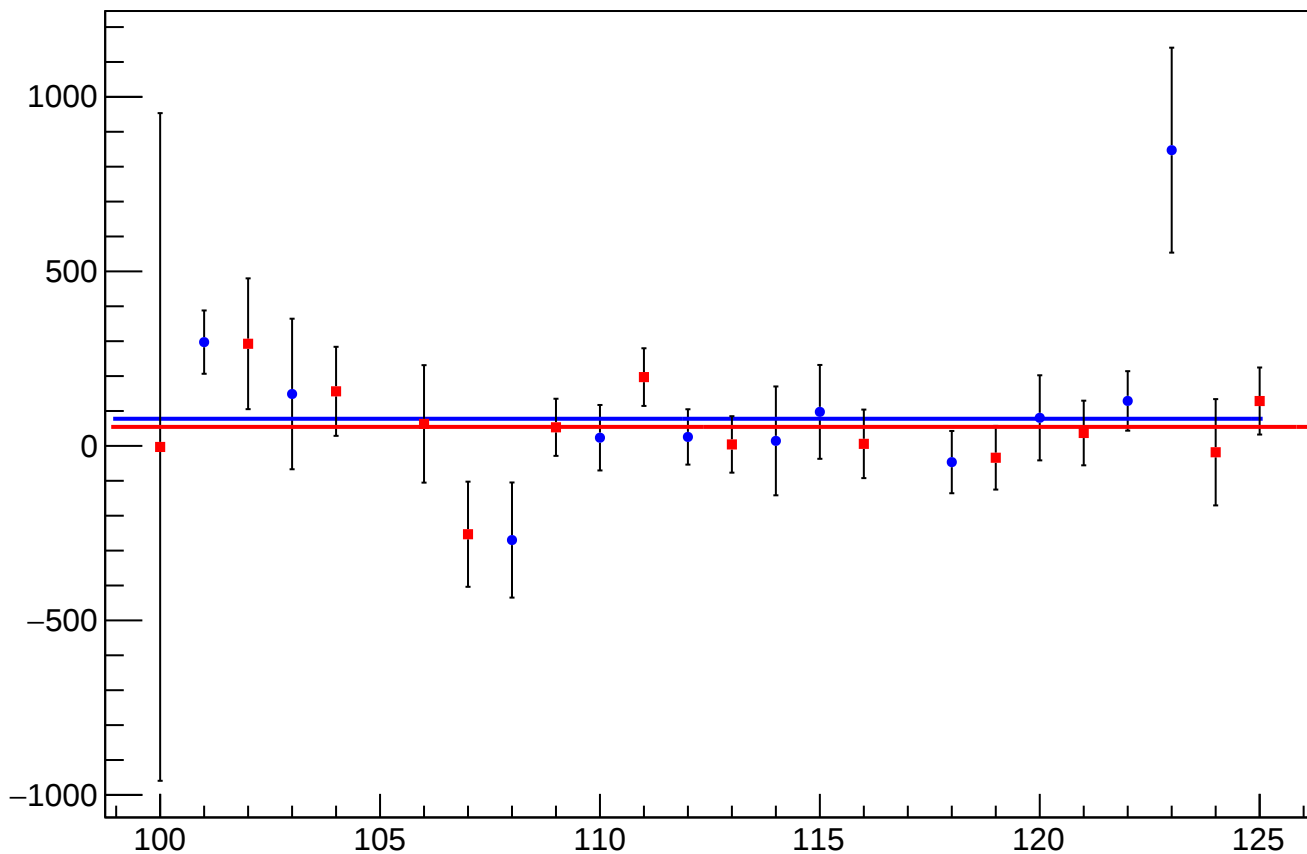
Right: 2617.883+/-0.636 χ^2/NDF : 218570.6/23

In: 2569.871+/-0.938 χ^2/NDF : 101727.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2617.883+/-0.636 χ^2/NDF : 218570.6/23

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 77.748 $\pm$ 33.501 χ^2 /NDF: 20.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 54.431 $\pm$ 30.000 χ^2 /NDF: 11.8/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

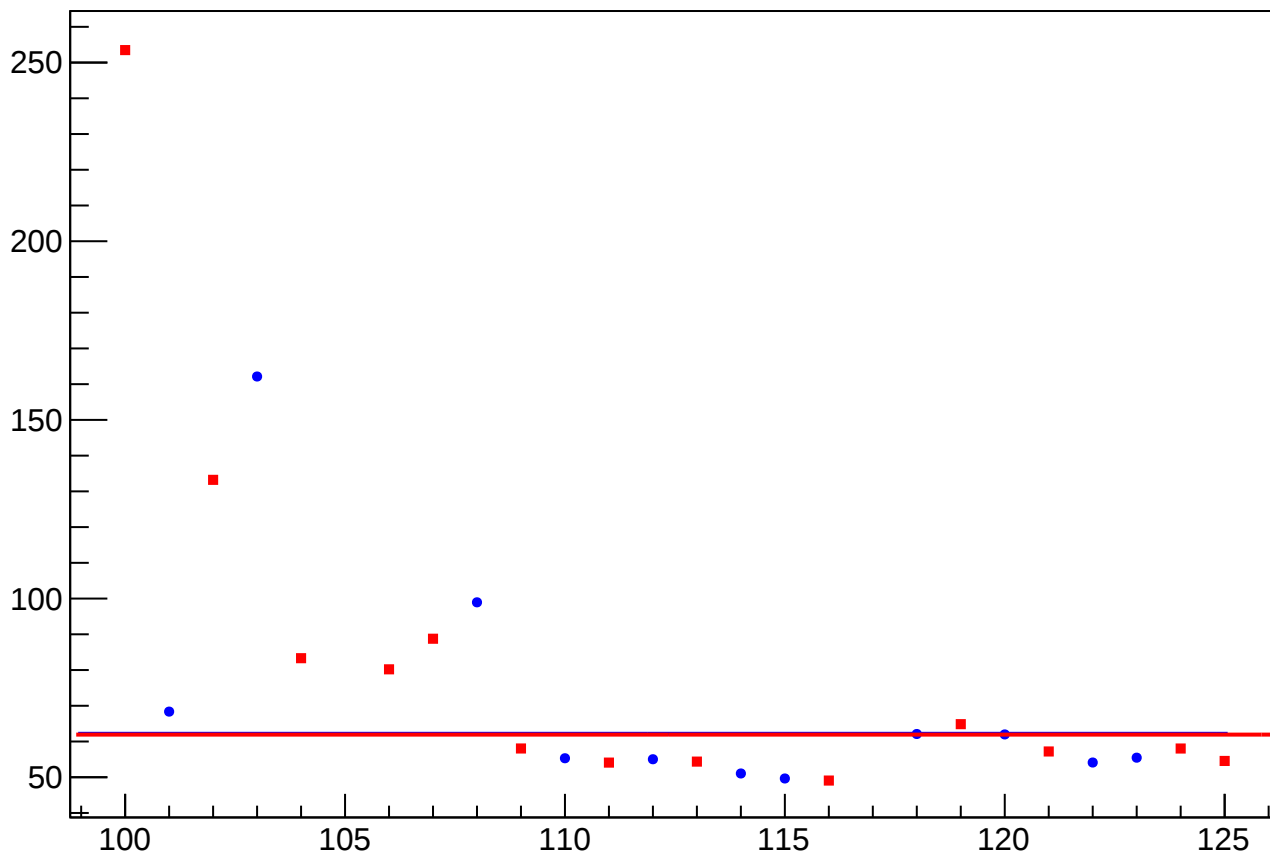
Right: 64.808 $\pm$ 22.349 χ^2 /NDF: 32.6/23

In: 77.748 $\pm$ 33.501 χ^2 /NDF:20.5/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 64.808 $\pm$ 22.349 χ^2 /NDF: 32.6/23

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 62.153+/-0.024 χ^2/NDF : 611684.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.928+/-0.021 χ^2/NDF : 607517.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

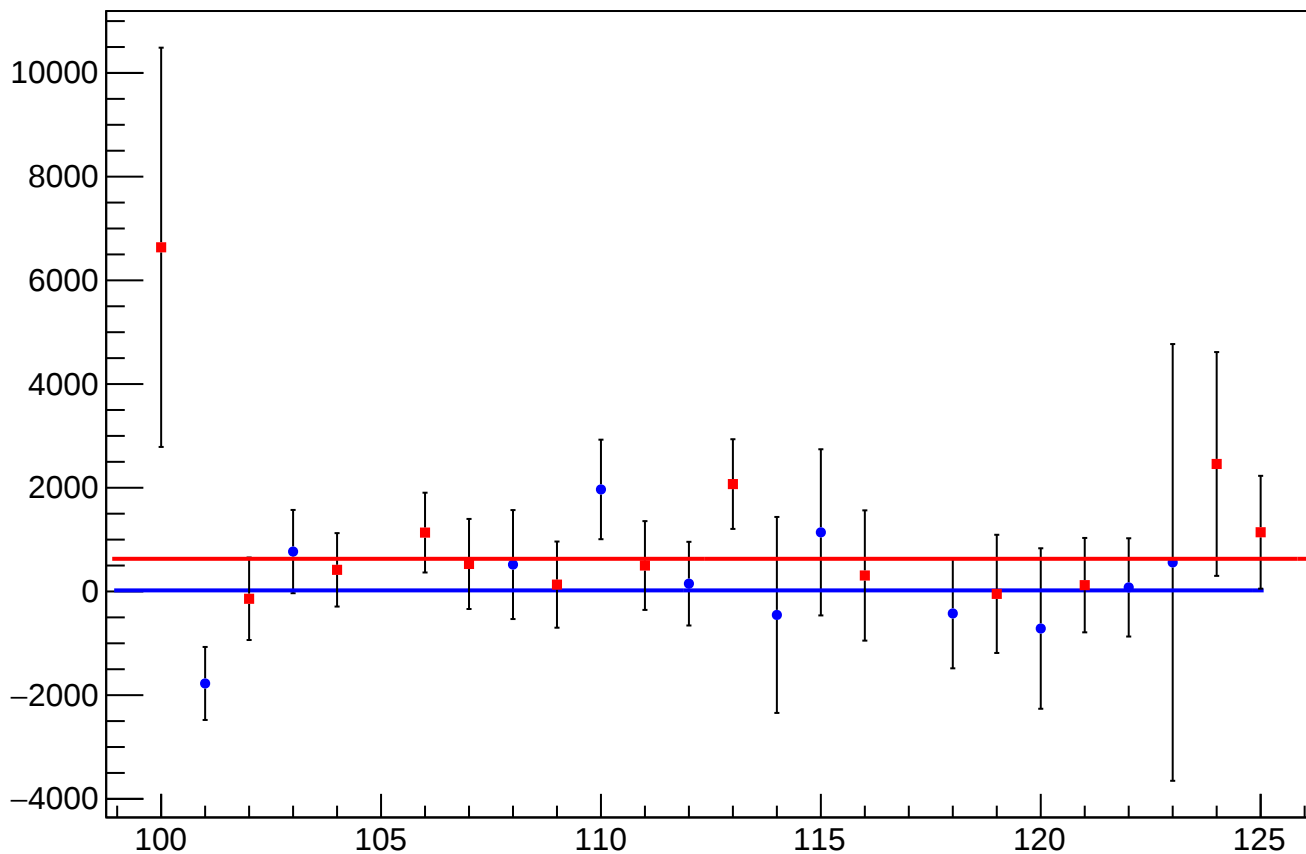
Right: 62.028+/-0.016 χ^2/NDF : 1219252.0/23

In: 62.153+/-0.024 χ^2/NDF : 611684.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.028+/-0.016 χ^2/NDF : 1219252.0/23

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 20.572+/-312.417 χ^2/NDF : 12.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 629.803+/-262.838 χ^2/NDF : 8.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

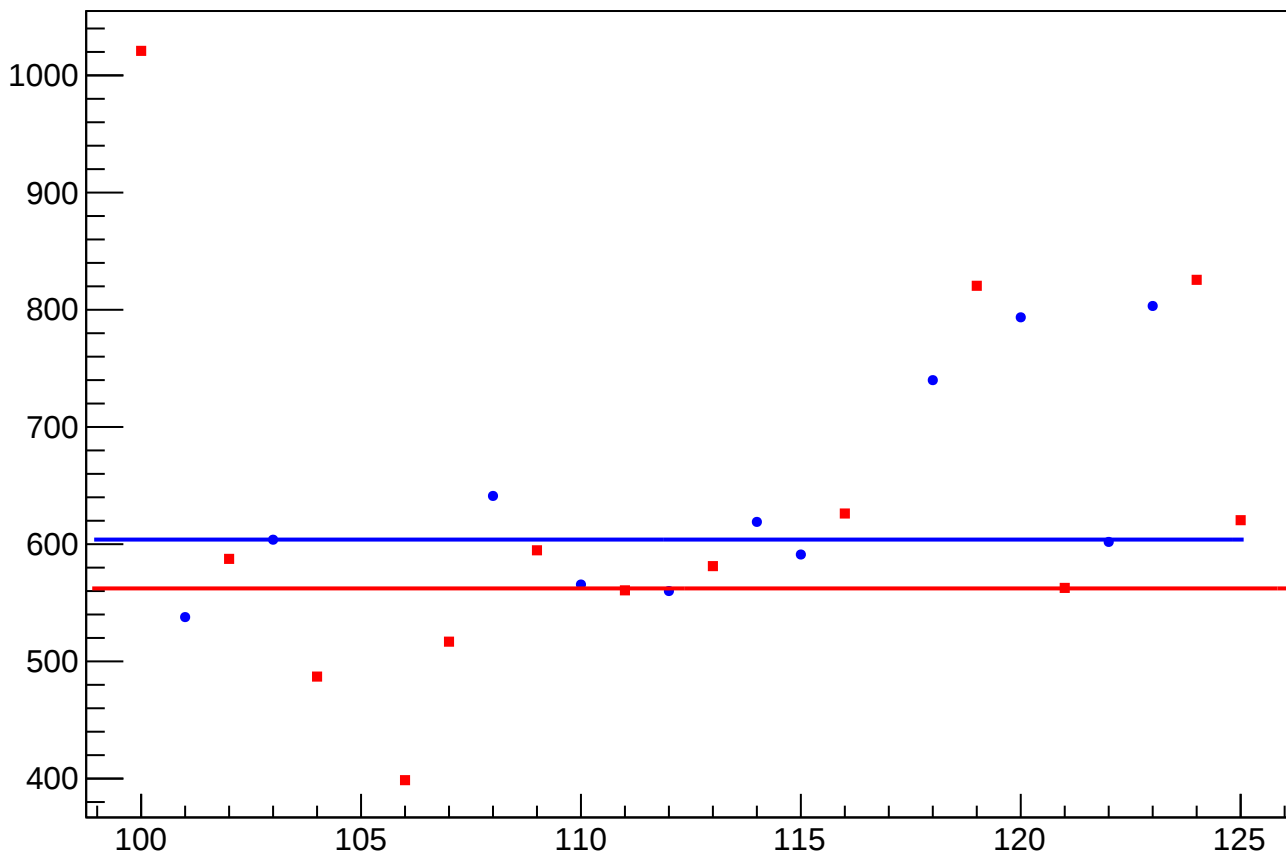
Right: 377.308+/-201.127 χ^2/NDF : 23.7/23

In: 20.572+/-312.417 χ^2/NDF : 12.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 377.308+/-201.127 χ^2/NDF : 23.7/23

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 603.929+/-0.221 χ^2/NDF : 97070.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 562.259+/-0.186 χ^2/NDF : 296231.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

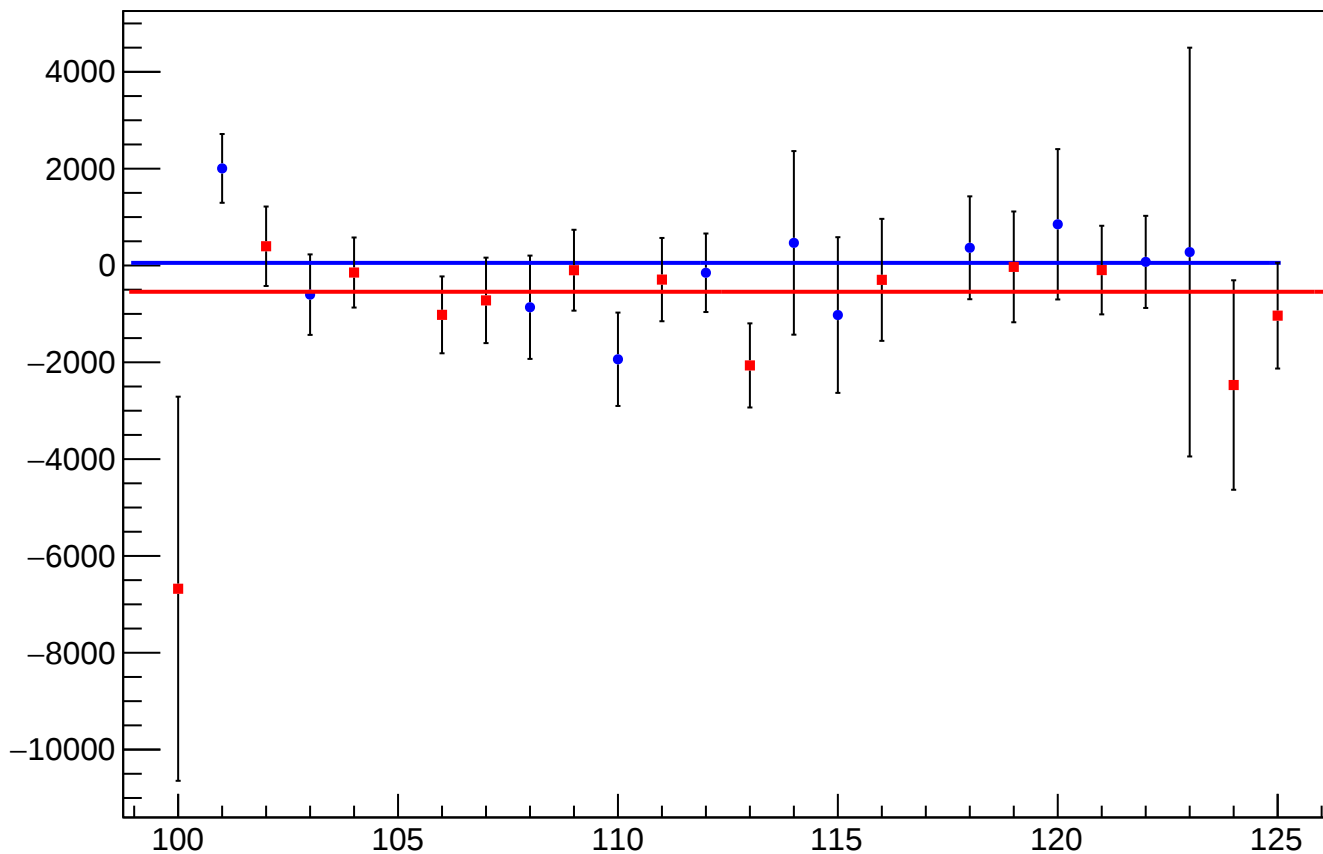
Right: 579.529+/-0.142 χ^2/NDF : 414134.8/23

In: 603.929+/-0.221 χ^2/NDF : 97070.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 579.529+/-0.142 χ^2/NDF : 414134.8/23

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 54.061+/-315.789 χ^2/NDF : 14.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -542.799+/-266.542 χ^2/NDF : 9.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

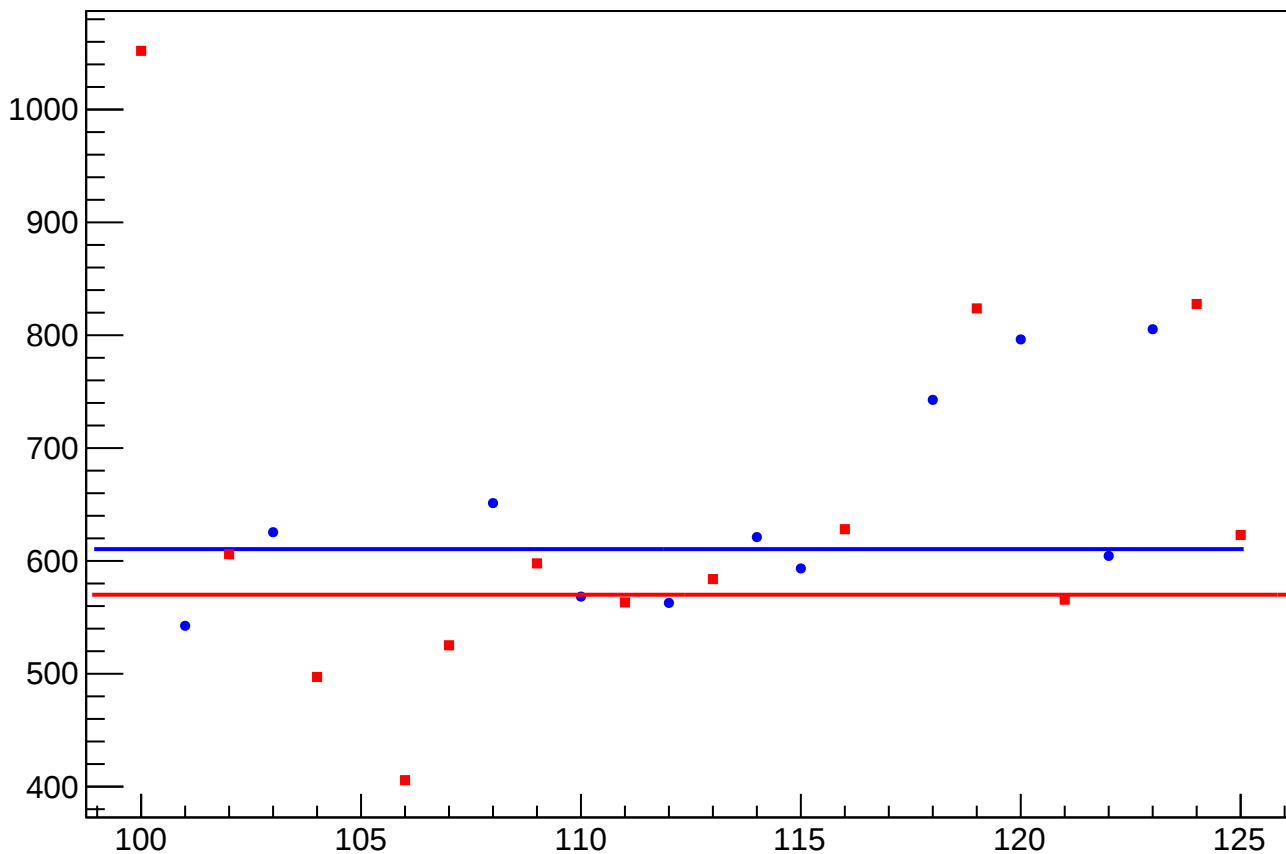
Right: -294.487+/-203.686 χ^2/NDF : 25.5/23

In: 54.061+/-315.789 χ^2/NDF : 14.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -294.487+/-203.686 χ^2/NDF : 25.5/23

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 610.465+/-0.223 χ^2/NDF : 96830.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 570.055+/-0.188 χ^2/NDF : 282944.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

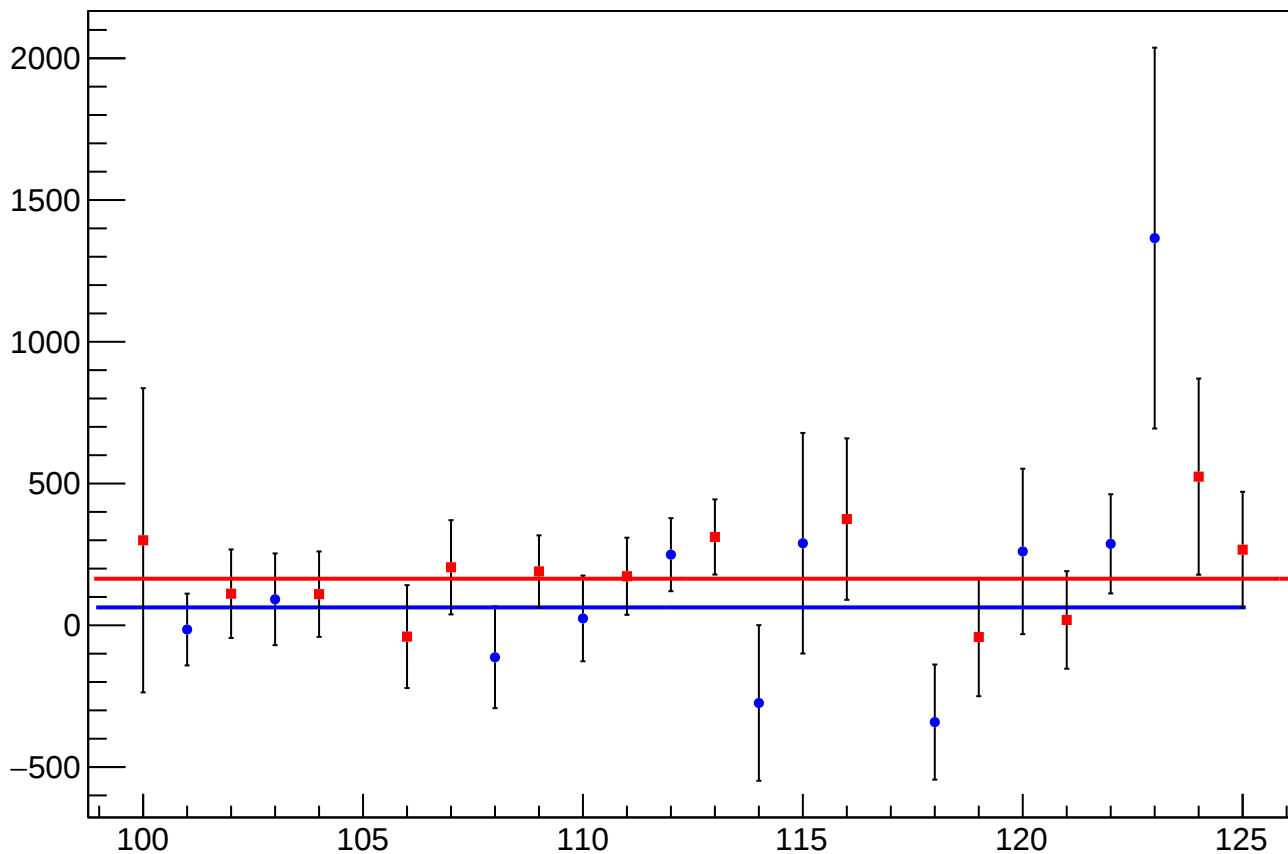
Right: 586.867+/-0.144 χ^2/NDF : 398899.4/23

In: 610.465+/-0.223 χ^2/NDF : 96830.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 586.867+/-0.144 χ^2/NDF : 398899.4/23

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 63.166+/-55.351 χ^2/NDF : 15.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 164.353+/-48.263 χ^2/NDF : 6.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

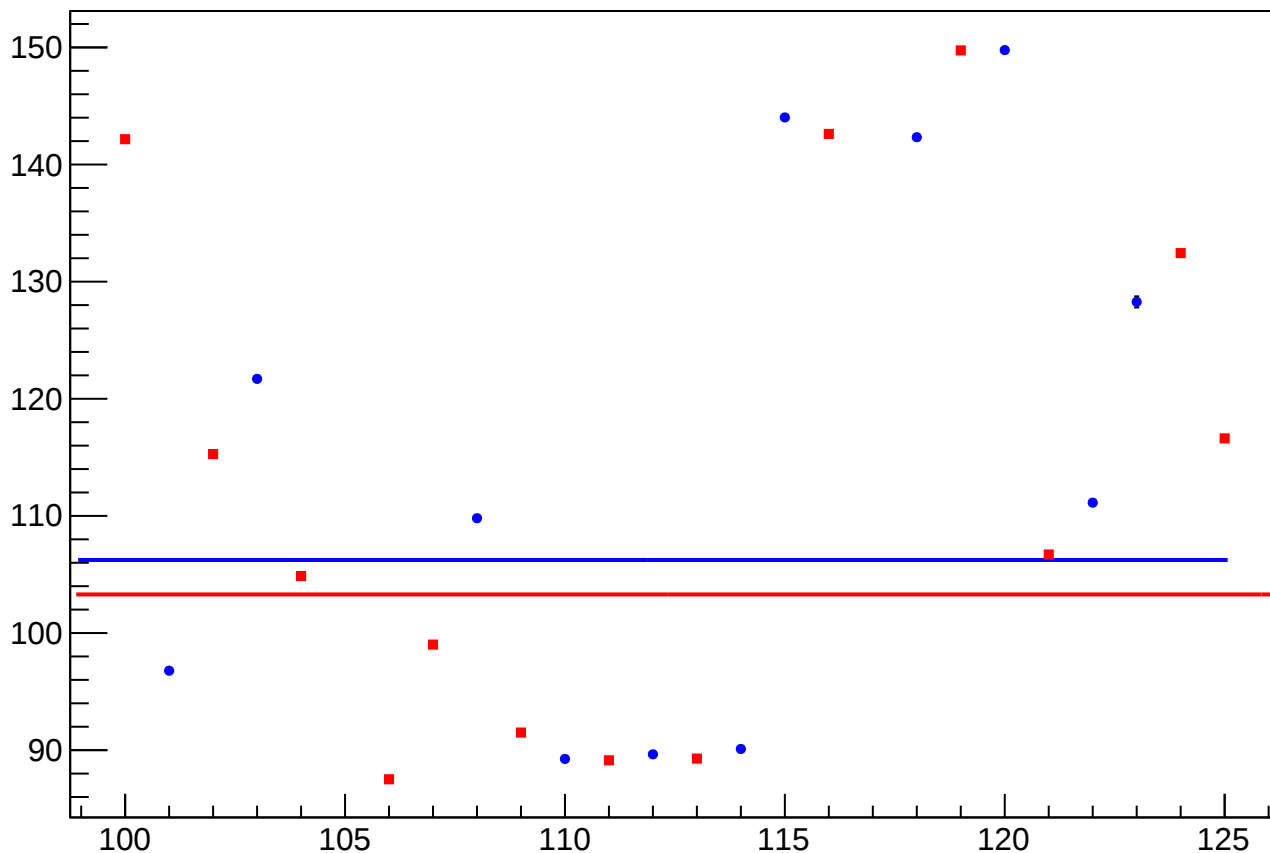
Right: 120.649+/-36.377 χ^2/NDF : 23.6/23

In: 63.166+/-55.351 χ^2/NDF : 15.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.649+/-36.377 χ^2/NDF : 23.6/23

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 106.239+/-0.039 χ^2/NDF : 225860.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.296+/-0.034 χ^2/NDF : 261034.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

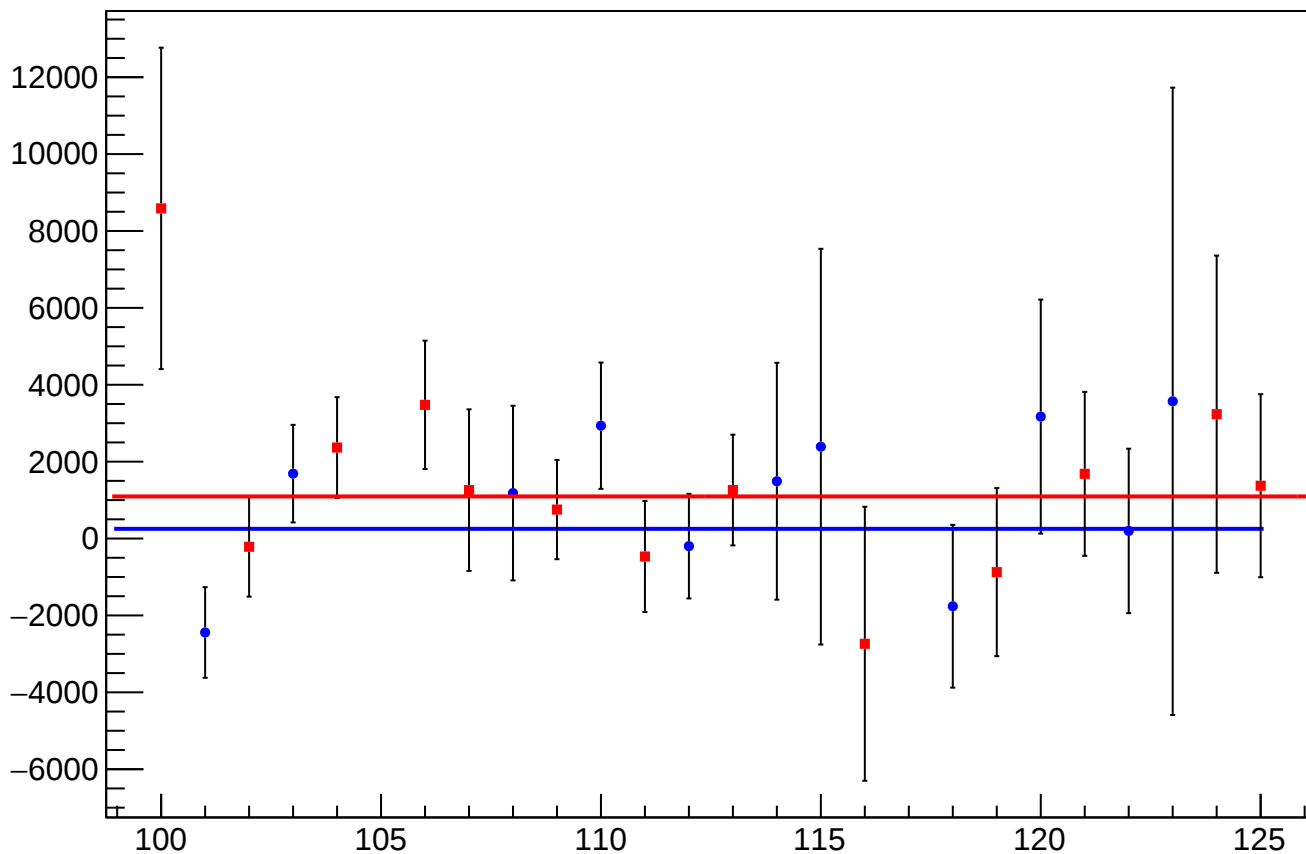
Right: 104.567+/-0.026 χ^2/NDF : 490108.4/23

In: 106.239+/-0.039 χ^2/NDF : 225860.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.567+/-0.026 χ^2/NDF : 490108.4/23

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 252.605 $\pm$ 563.173 χ^2 /NDF: 11.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1095.459 $\pm$ 492.416 χ^2 /NDF: 10.8/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

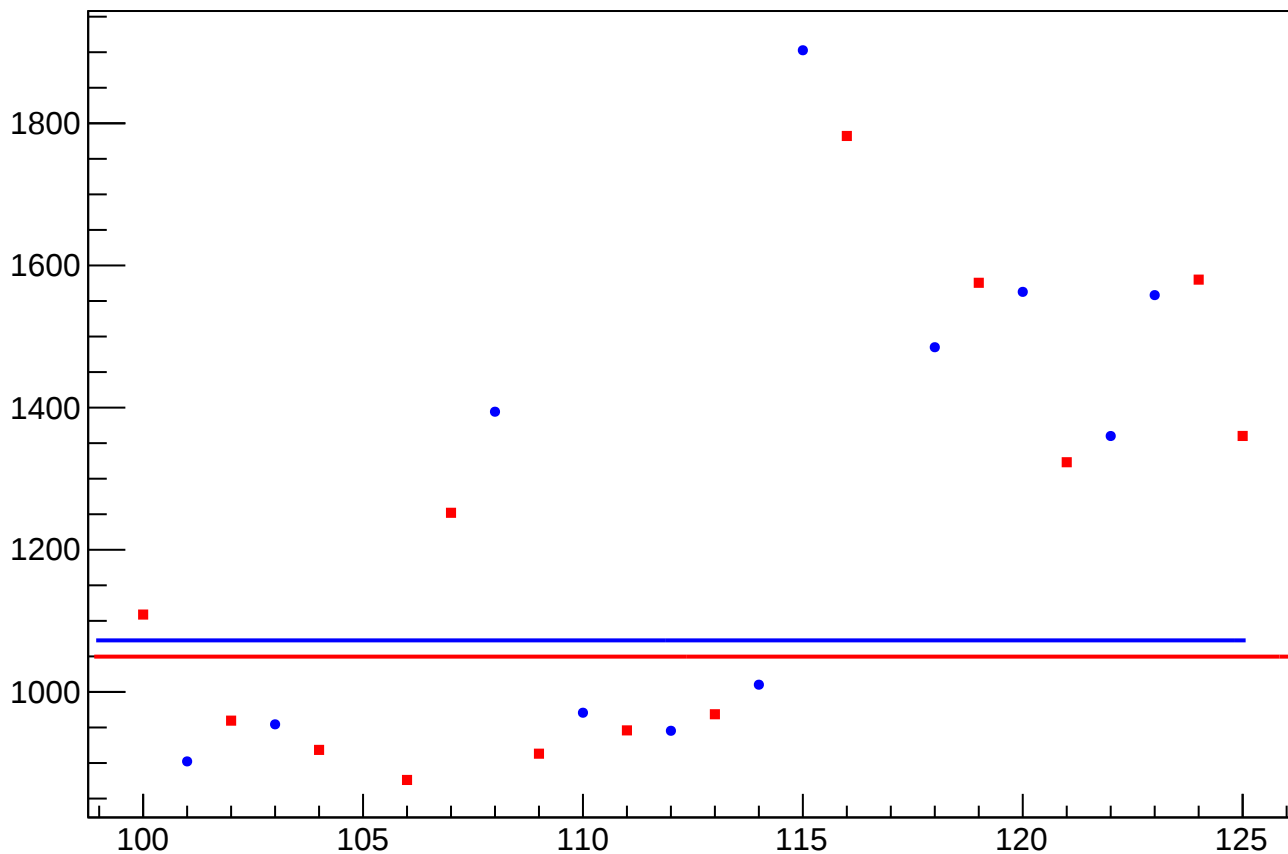
Right: 730.276 $\pm$ 370.698 χ^2 /NDF: 23.8/23

In: 252.605 $\pm$ 563.173 χ^2 /NDF:11.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 730.276 $\pm$ 370.698 χ^2 /NDF: 23.8/23

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1072.546+/-0.398 χ^2/NDF : 348204.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1049.687+/-0.348 χ^2/NDF : 409489.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

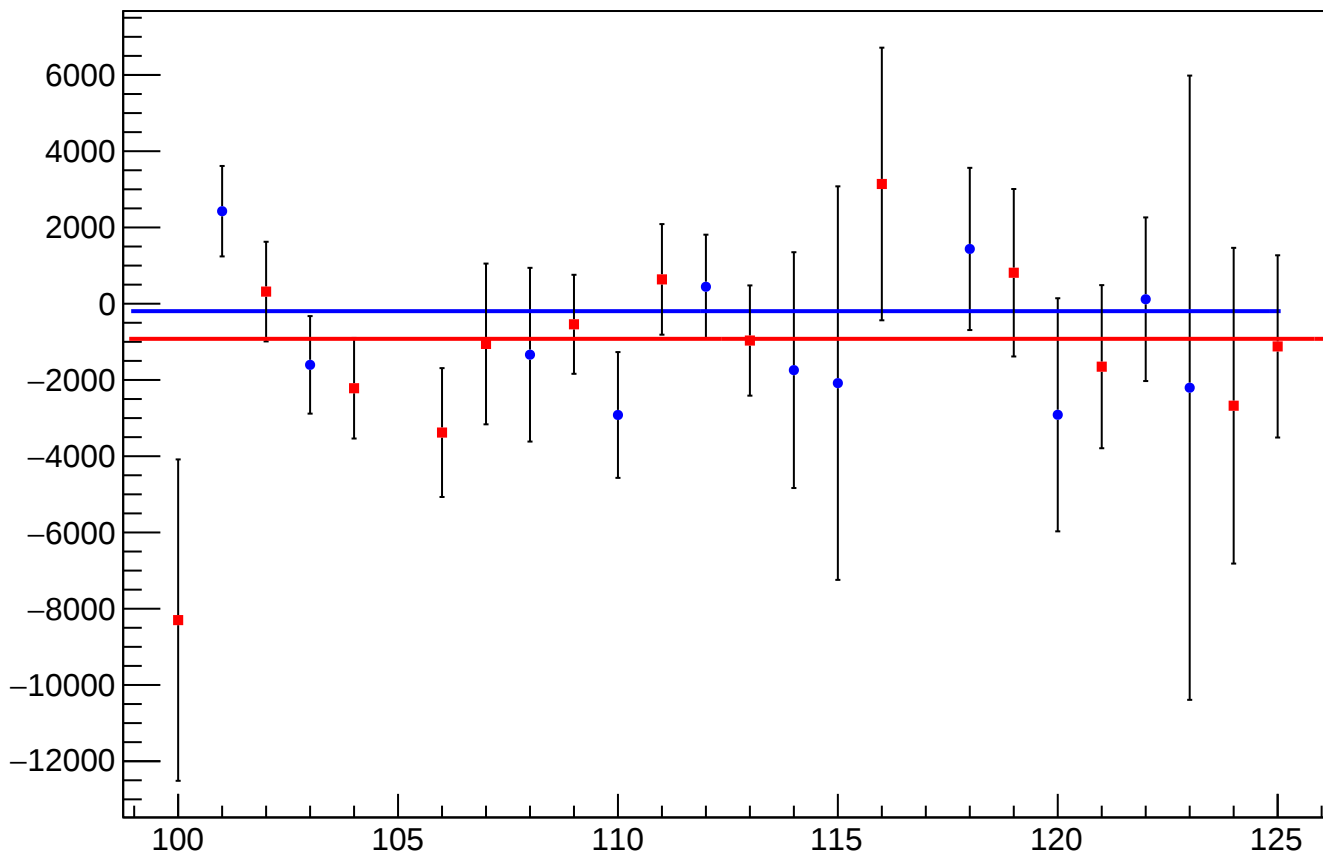
Right: 1059.591+/-0.262 χ^2/NDF : 759561.3/23

In: 1072.546+/-0.398 χ^2/NDF : 348204.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1059.591+/-0.262 χ^2/NDF : 759561.3/23

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -195.300+/-566.162 χ^2/NDF : 11.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -921.127+/-495.311 χ^2/NDF : 10.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

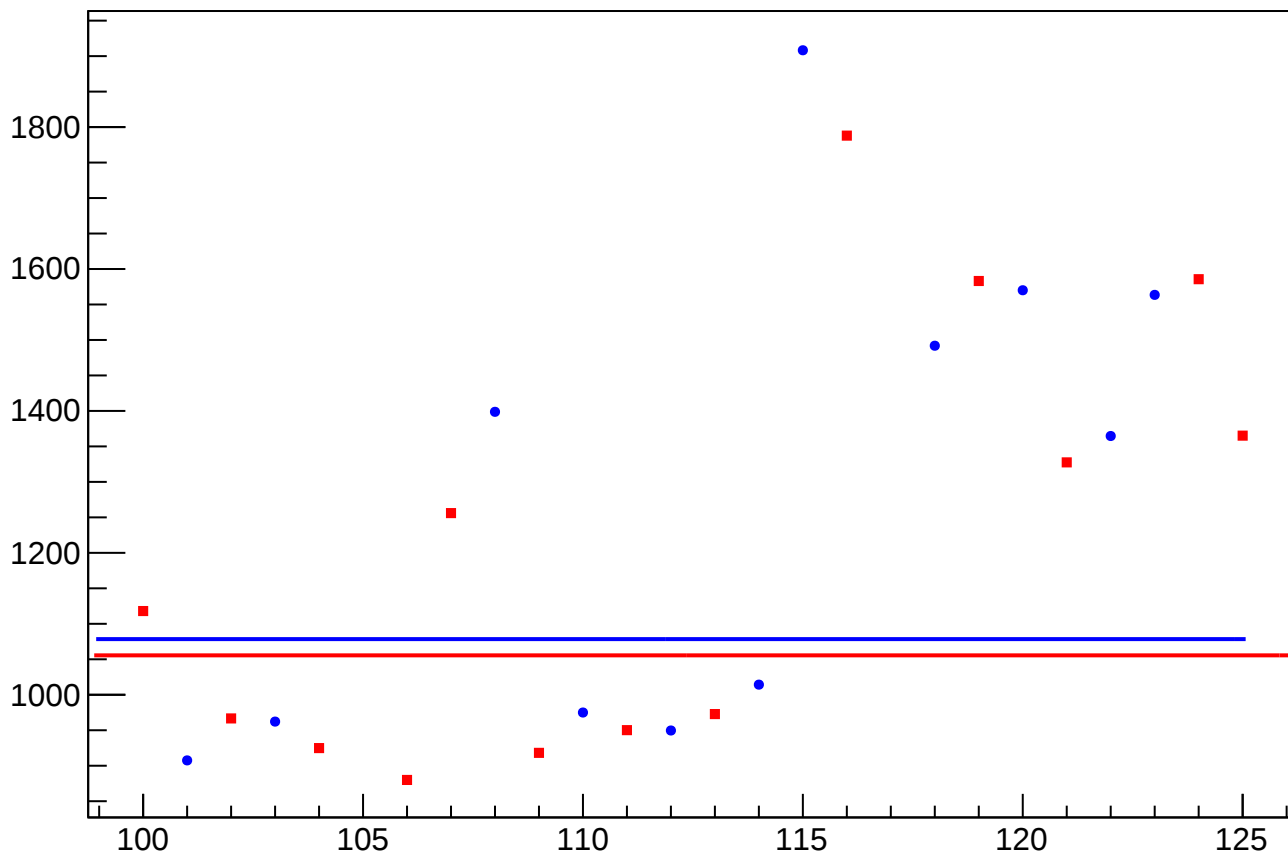
Right: -606.446+/-372.786 χ^2/NDF : 22.6/23

In: -195.300+/-566.162 χ^2/NDF : 11.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -606.446+/-372.786 χ^2/NDF : 22.6/23

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1078.437+/-0.400 χ^2/NDF : 345635.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1055.546+/-0.350 χ^2/NDF : 406489.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

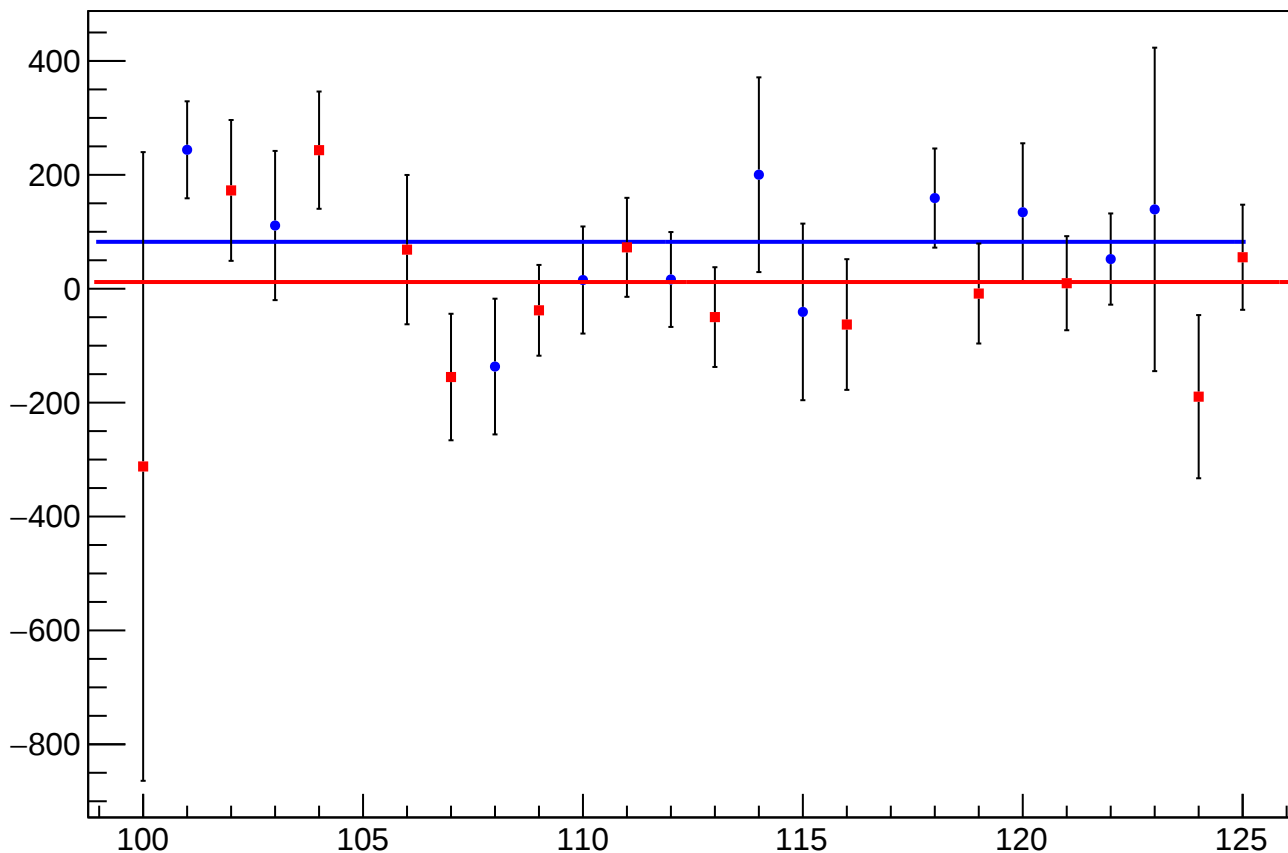
Right: 1065.470+/-0.264 χ^2/NDF : 753977.4/23

In: 1078.437+/-0.400 χ^2/NDF : 345635.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1065.470+/-0.264 χ^2/NDF : 753977.4/23

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 82.373+/-32.142 χ^2/NDF : 10.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.791+/-28.389 χ^2/NDF : 13.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

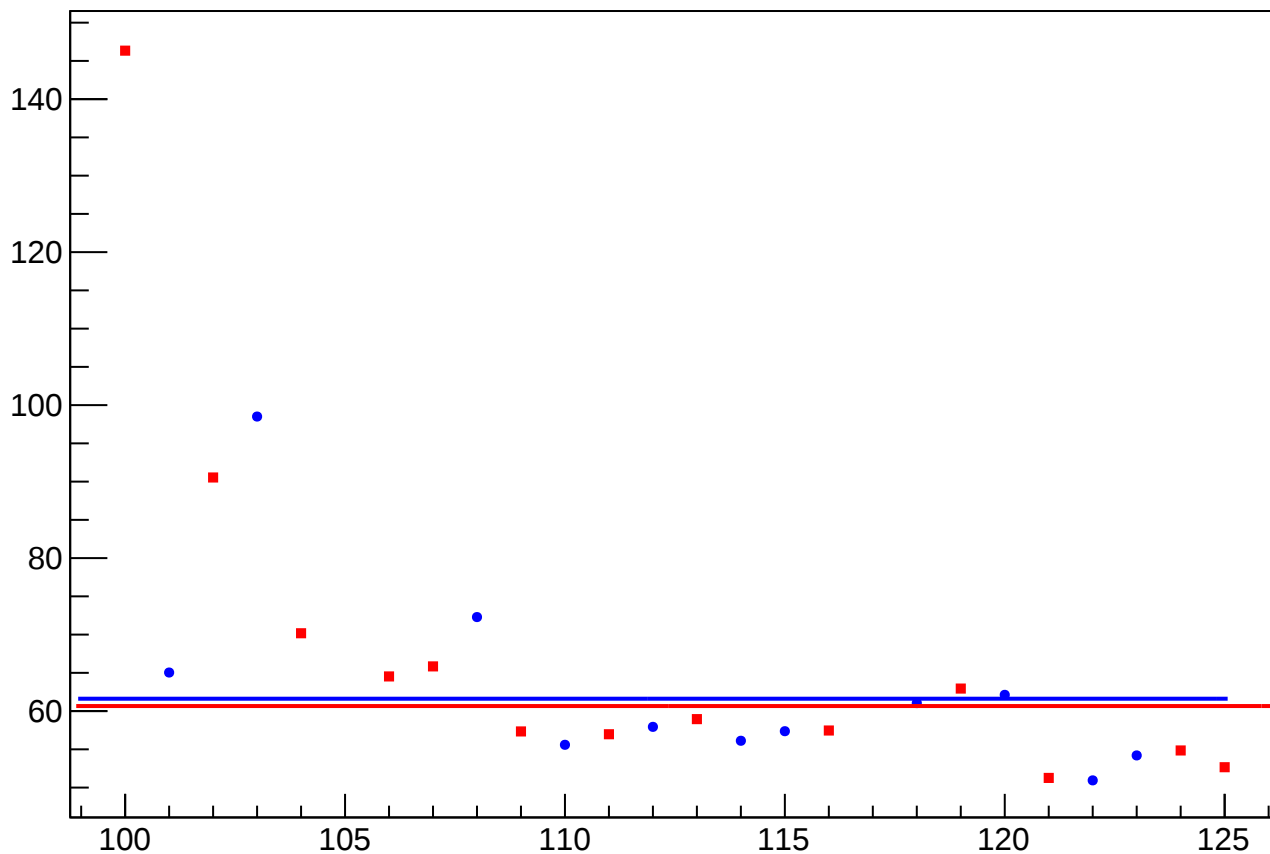
Right: 42.723+/-21.278 χ^2/NDF : 26.7/23

In: 82.373+/-32.142 χ^2/NDF : 10.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.723+/-21.278 χ^2/NDF : 26.7/23

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 61.618+/-0.023 χ^2/NDF : 230552.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.660+/-0.020 χ^2/NDF : 243040.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

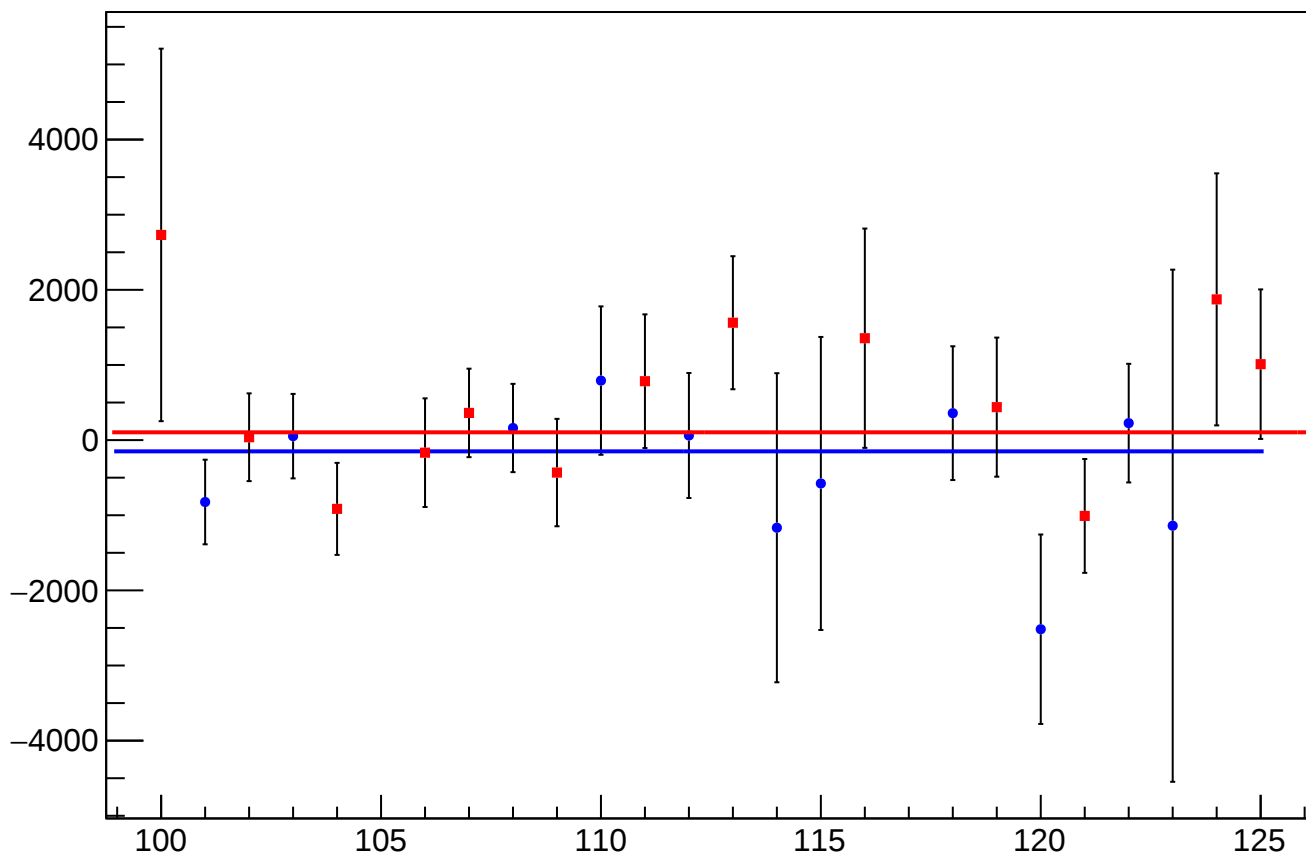
Right: 61.080+/-0.015 χ^2/NDF : 474592.7/23

In: 61.618+/-0.023 χ^2/NDF : 230552.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.080+/-0.015 χ^2/NDF : 474592.7/23

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -149.635+/-251.817 χ^2/NDF : 7.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.743+/-224.733 χ^2/NDF : 13.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

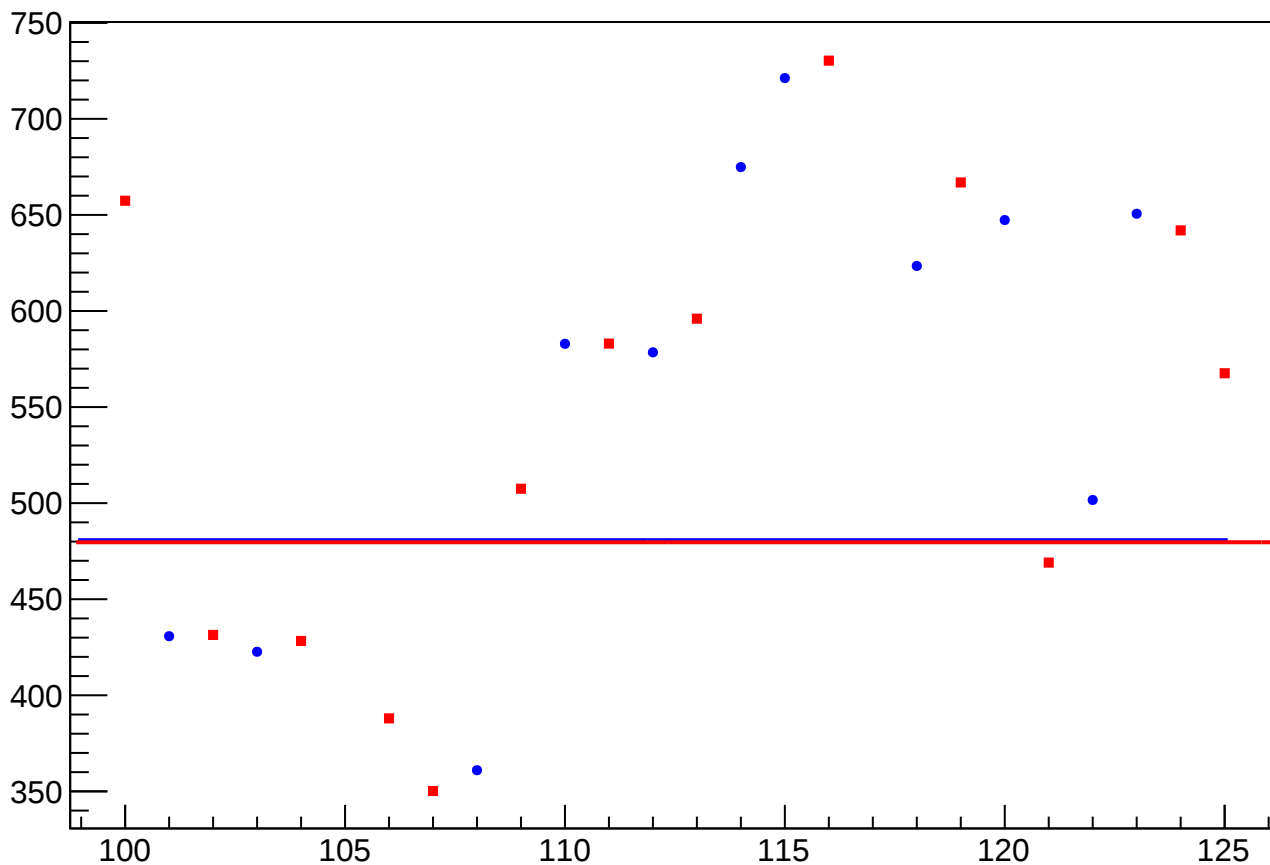
Right: -8.591+/-167.671 χ^2/NDF : 20.9/23

In: -149.635+/-251.817 χ^2/NDF : 7.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.591+/-167.671 χ^2/NDF : 20.9/23

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 480.723+/-0.178 χ^2/NDF : 310160.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 479.637+/-0.159 χ^2/NDF : 406965.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

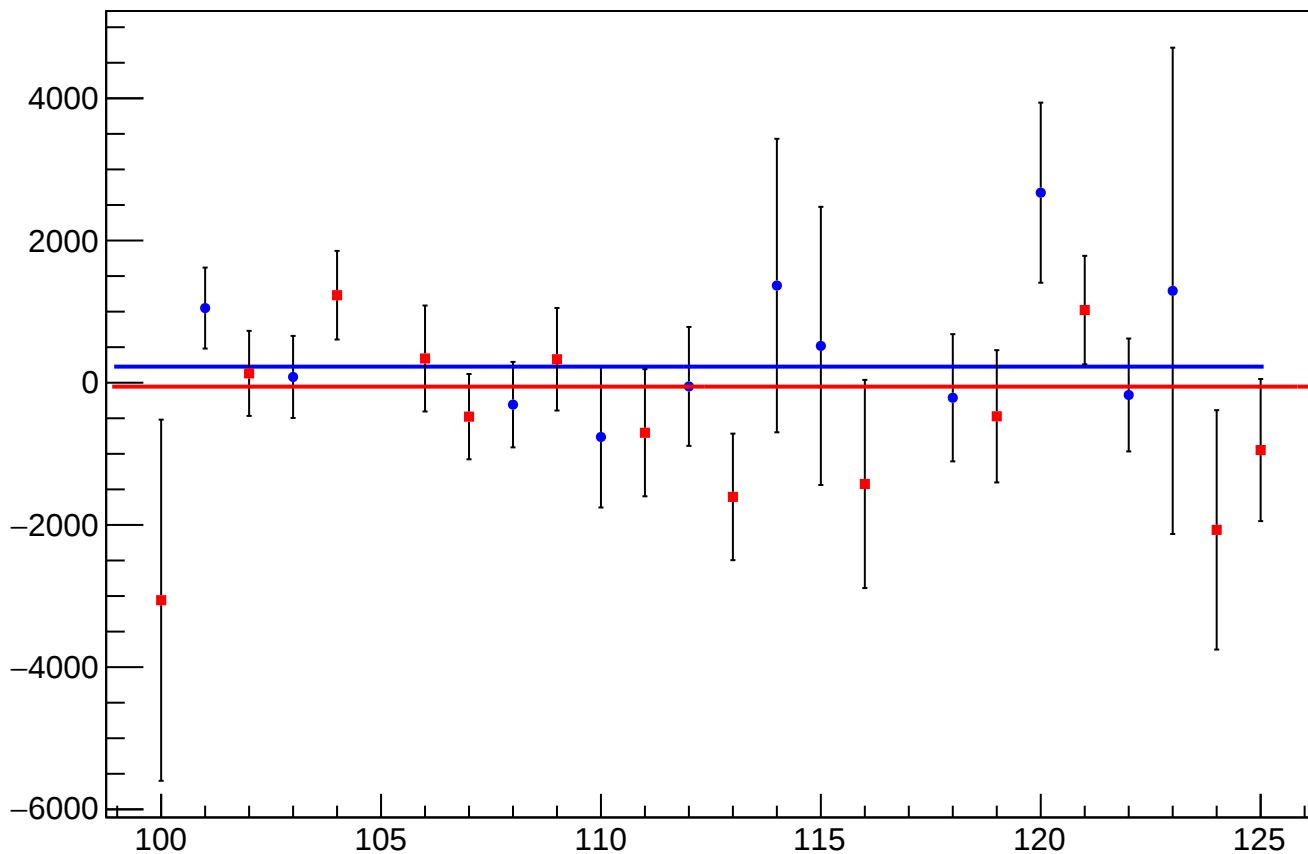
Right: 480.118+/-0.119 χ^2/NDF : 717145.9/23

In: 480.723+/-0.178 χ^2/NDF : 310160.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 480.118+/-0.119 χ^2/NDF : 717145.9/23

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 226.501+/-255.311 χ^2/NDF : 8.7/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -54.619+/-227.962 χ^2/NDF : 15.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

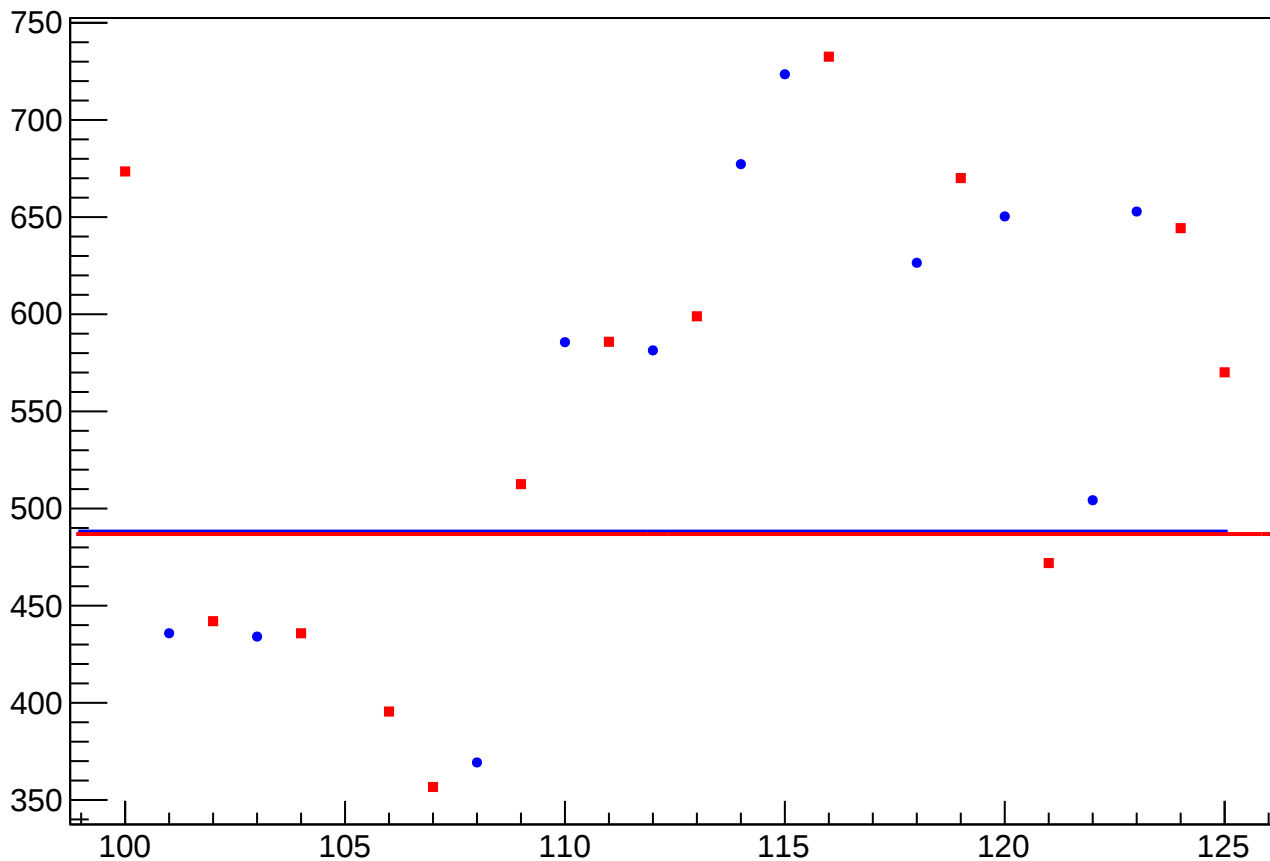
Right: 70.083+/-170.043 χ^2/NDF : 25.1/23

In: 226.501+/-255.311 χ^2/NDF :8.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 70.083+/-170.043 χ^2/NDF : 25.1/23

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 488.120+/-0.181 χ^2/NDF : 288644.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 486.877+/-0.161 χ^2/NDF : 384633.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

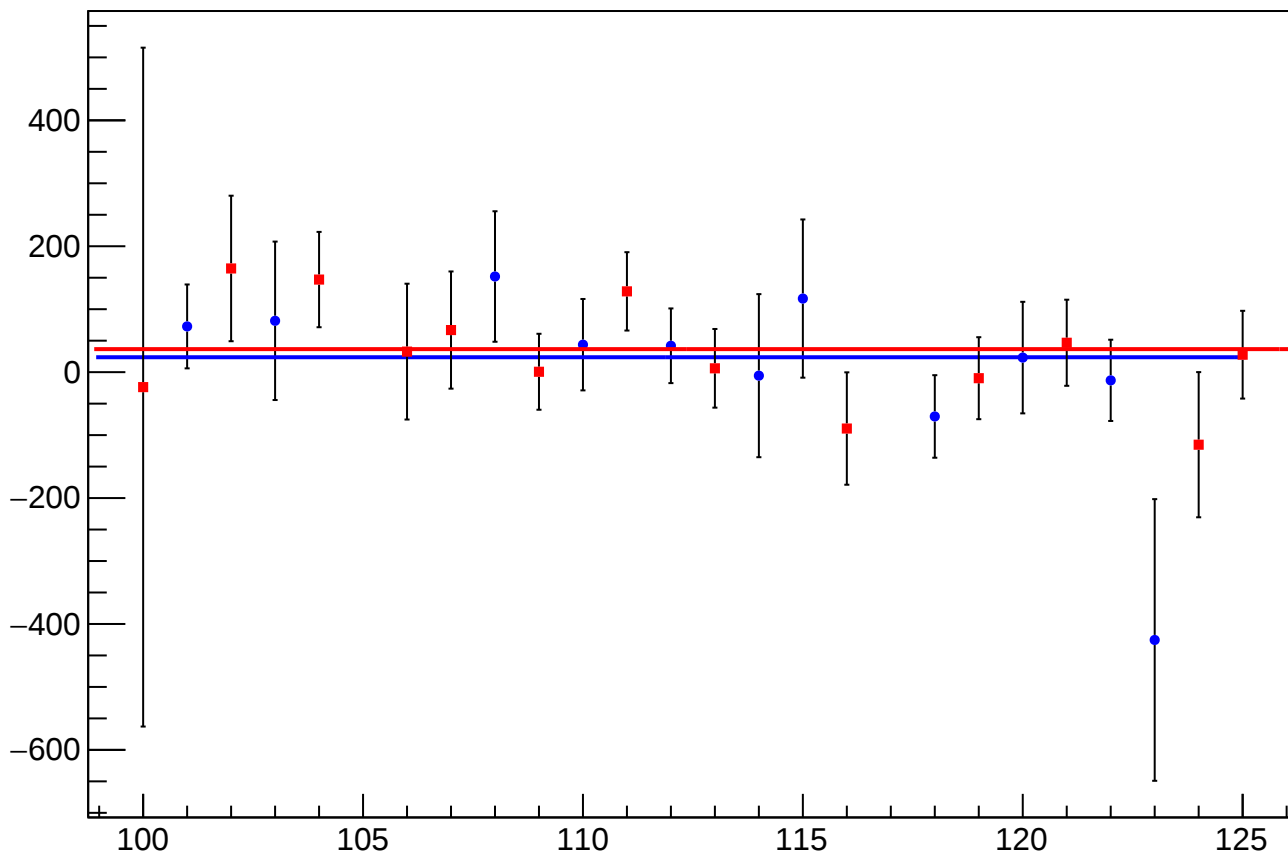
Right: 487.429+/-0.120 χ^2/NDF : 673304.7/23

In: 488.120+/-0.181 χ^2/NDF :288644.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 487.429+/-0.120 χ^2/NDF : 673304.7/23

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 23.693+/-25.011 χ^2/NDF : 9.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.596+/-21.825 χ^2/NDF : 10.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

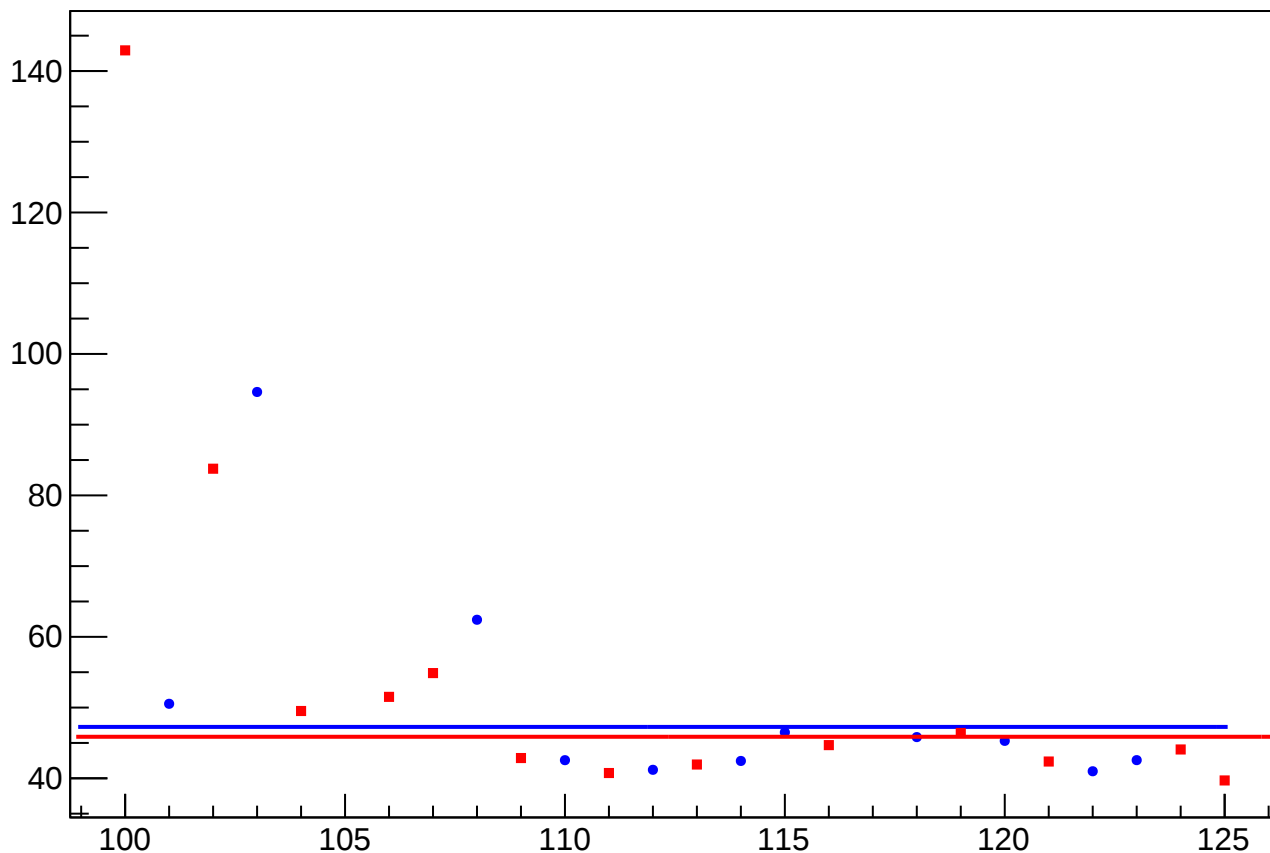
Right: 31.018+/-16.444 χ^2/NDF : 20.1/23

In: 23.693+/-25.011 χ^2/NDF : 9.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.018+/-16.444 χ^2/NDF : 20.1/23

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 47.266+/-0.018 χ^2/NDF : 384706.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.872+/-0.015 χ^2/NDF : 357018.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

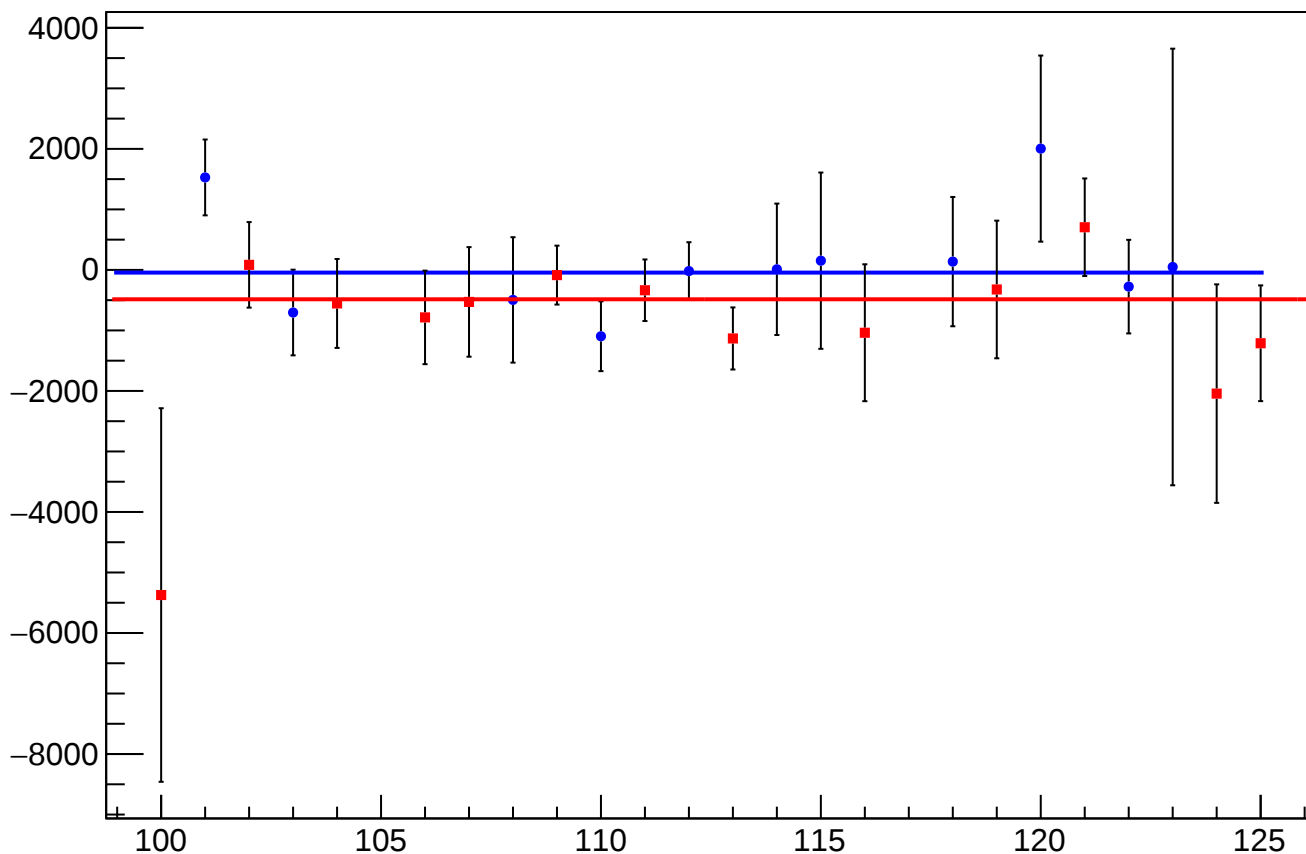
Right: 46.475+/-0.012 χ^2/NDF : 745253.6/23

In: 47.266+/-0.018 χ^2/NDF : 384706.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.475+/-0.012 χ^2/NDF : 745253.6/23

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.417 $\pm$ 240.751 χ^2 /NDF: 12.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -485.546 $\pm$ 207.494 χ^2 /NDF: 9.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

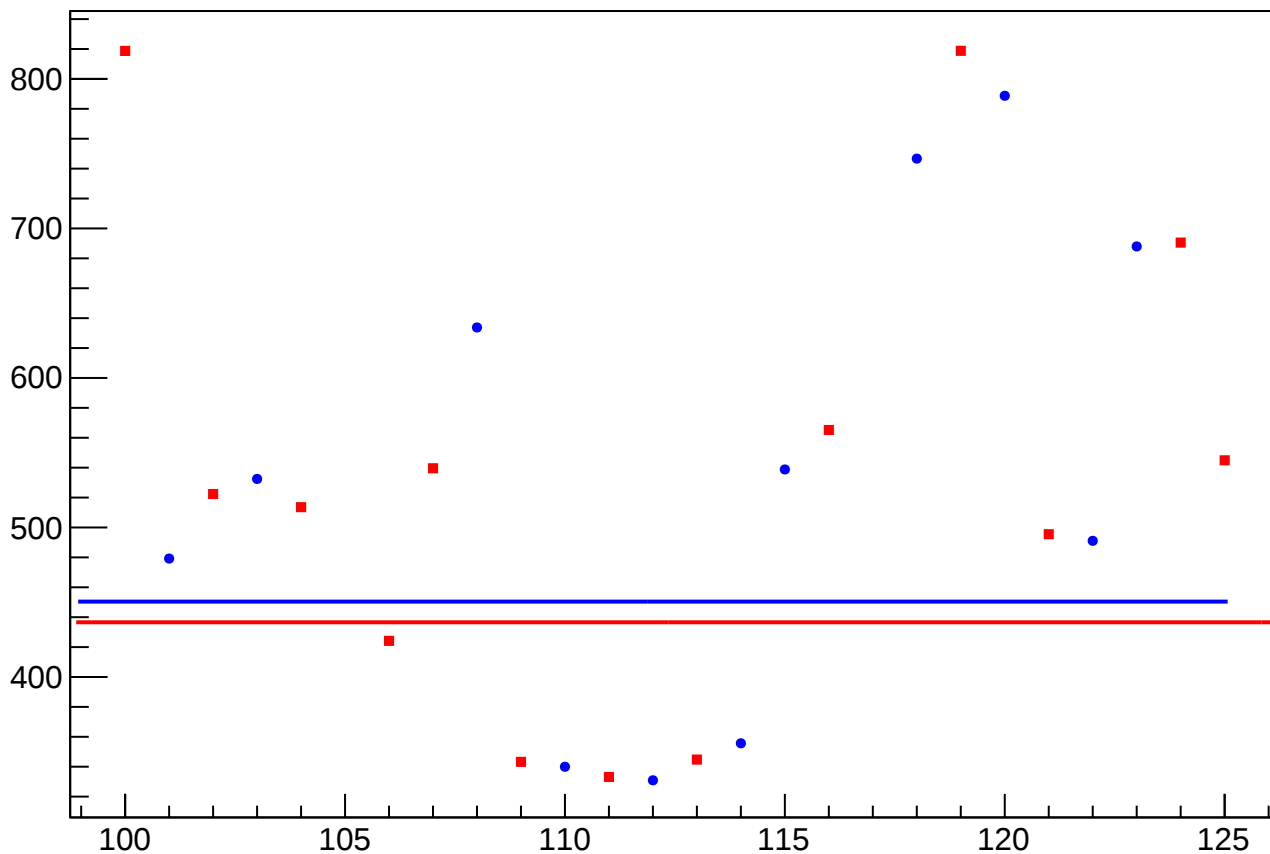
Right: -297.532 $\pm$ 157.174 χ^2 /NDF: 24.0/23

In: -44.417 $\pm$ 240.751 χ^2 /NDF:12.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -297.532 $\pm$ 157.174 χ^2 /NDF: 24.0/23

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 450.422+/-0.170 χ^2/NDF : 580300.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 436.586+/-0.147 χ^2/NDF : 656361.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

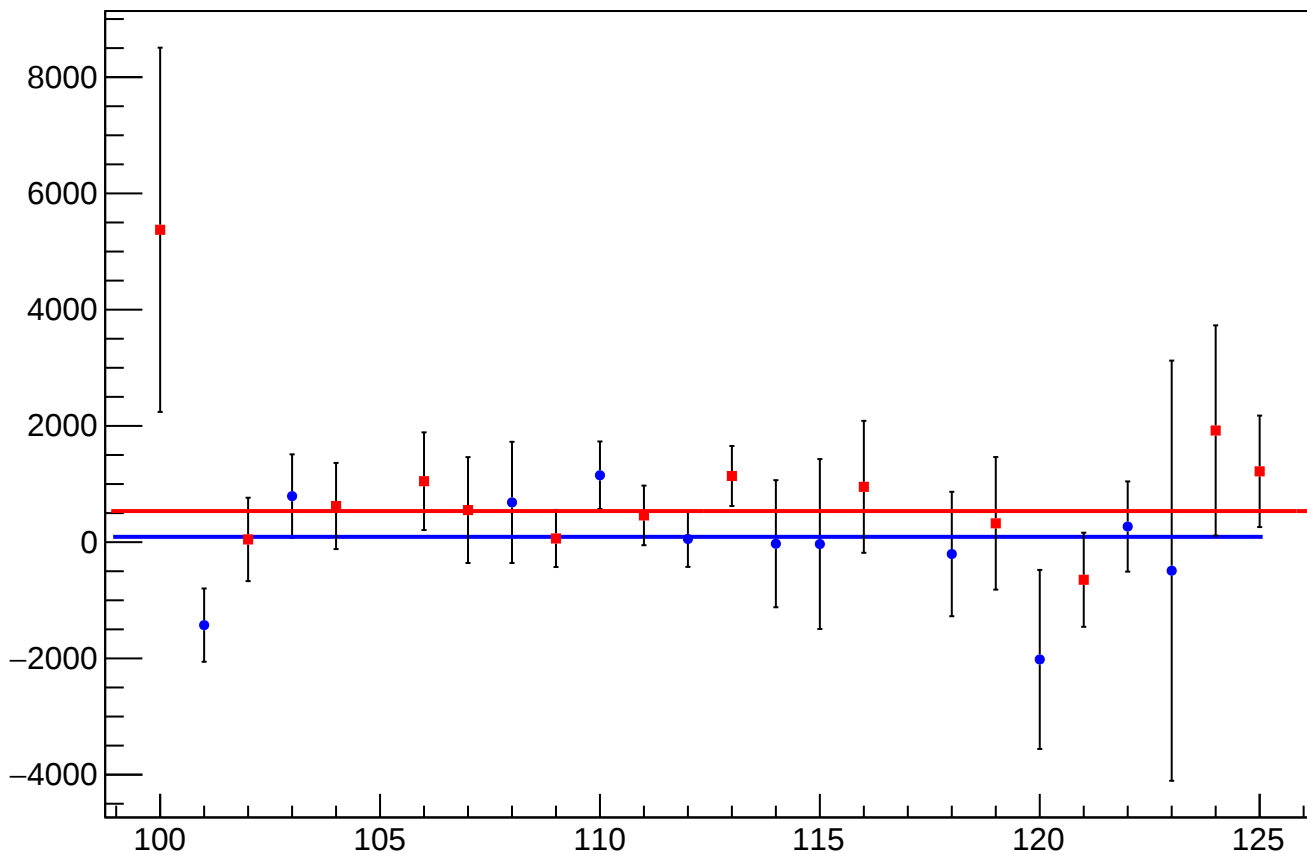
Right: 442.483+/-0.111 χ^2/NDF : 1240451.8/23

In: 450.422+/-0.170 χ^2/NDF : 580300.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 442.483+/-0.111 χ^2/NDF : 1240451.8/23

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 91.650+/-242.551 χ^2/NDF : 12.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 534.984+/-210.146 χ^2/NDF : 8.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

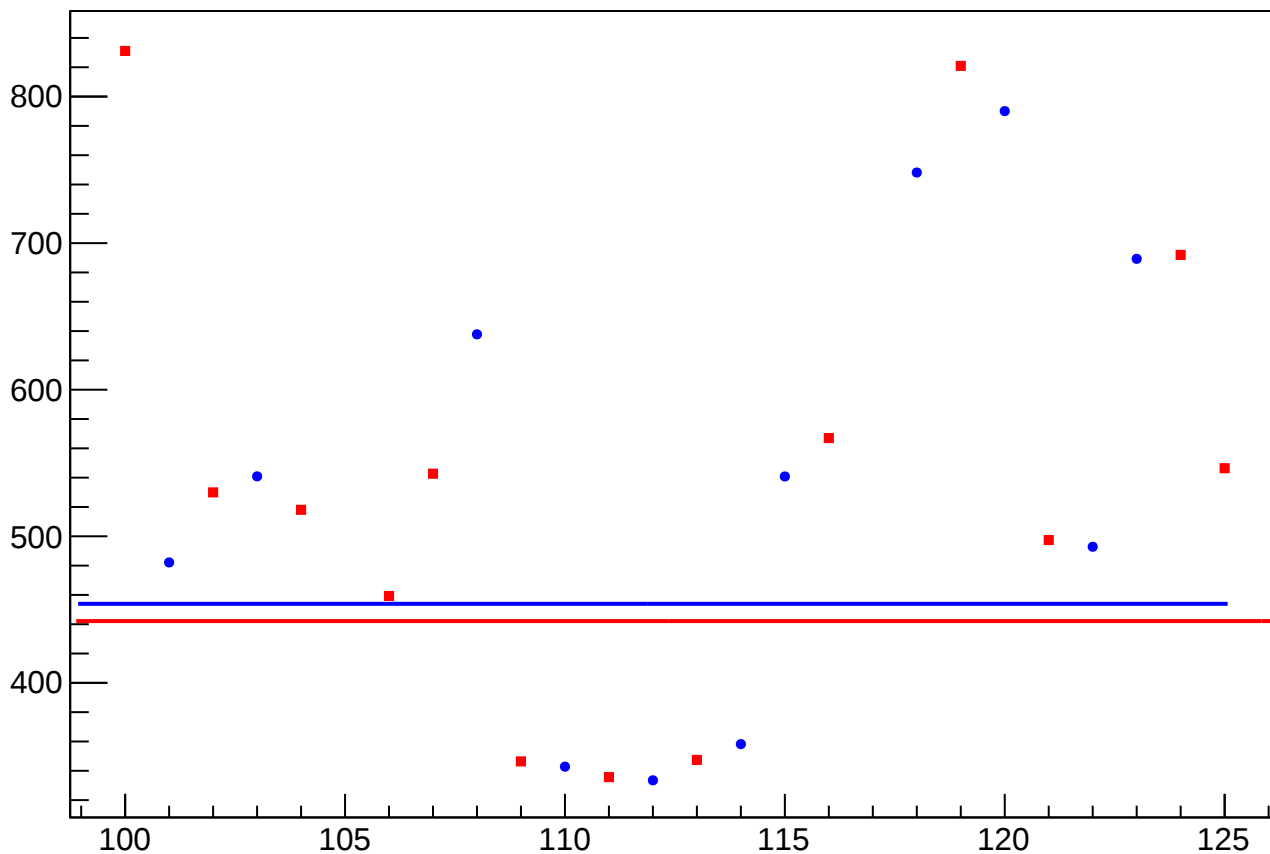
Right: 344.890+/-158.826 χ^2/NDF : 23.3/23

In: 91.650+/-242.551 χ^2/NDF : 12.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 344.890+/-158.826 χ^2/NDF : 23.3/23

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 453.924+/-0.172 χ^2/NDF : 576438.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 442.148+/-0.149 χ^2/NDF : 652383.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

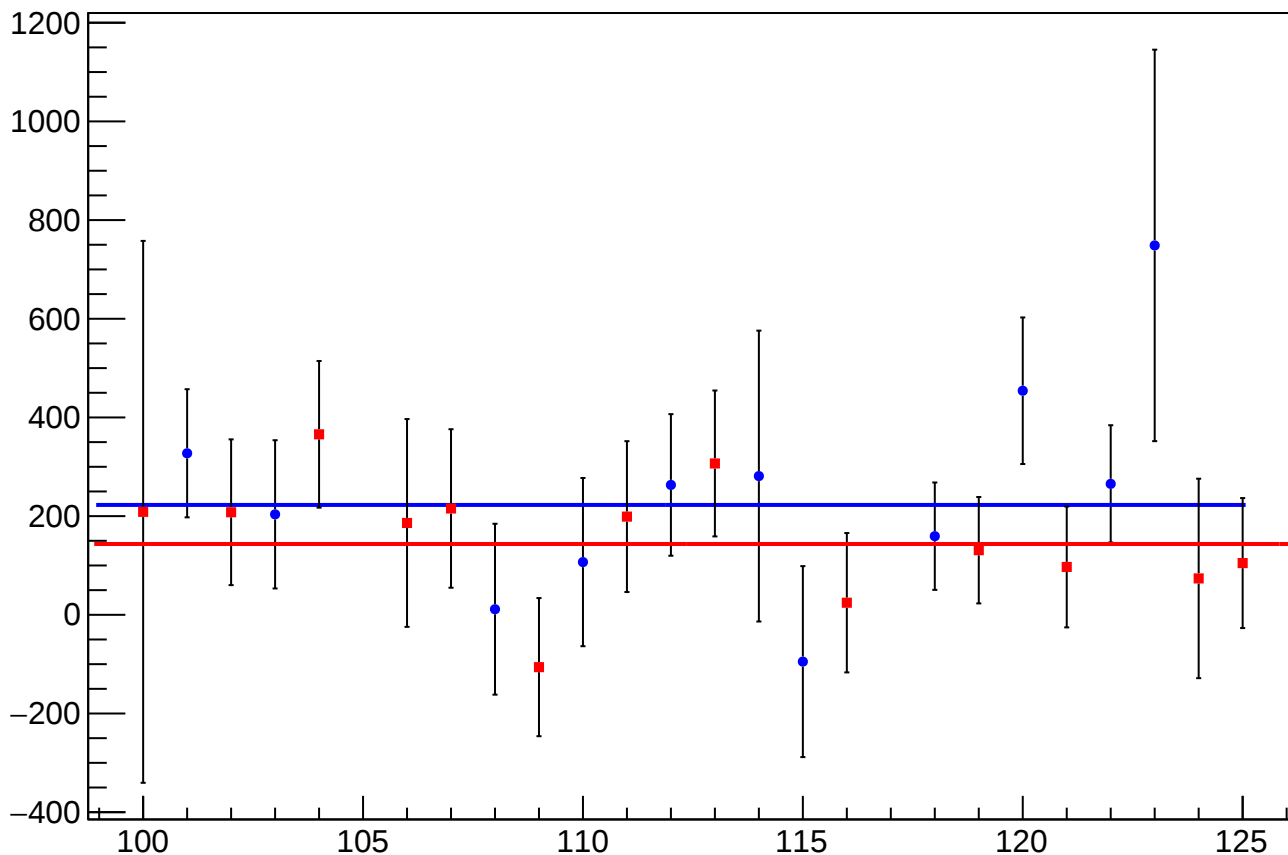
Right: 447.198+/-0.112 χ^2/NDF : 1231514.1/23

In: 453.924+/-0.172 χ^2/NDF : 576438.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 447.198+/-0.112 χ^2/NDF : 1231514.1/23

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 222.699 $\pm$ 46.366 χ^2 /NDF: 10.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 143.544 $\pm$ 41.515 χ^2 /NDF: 8.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

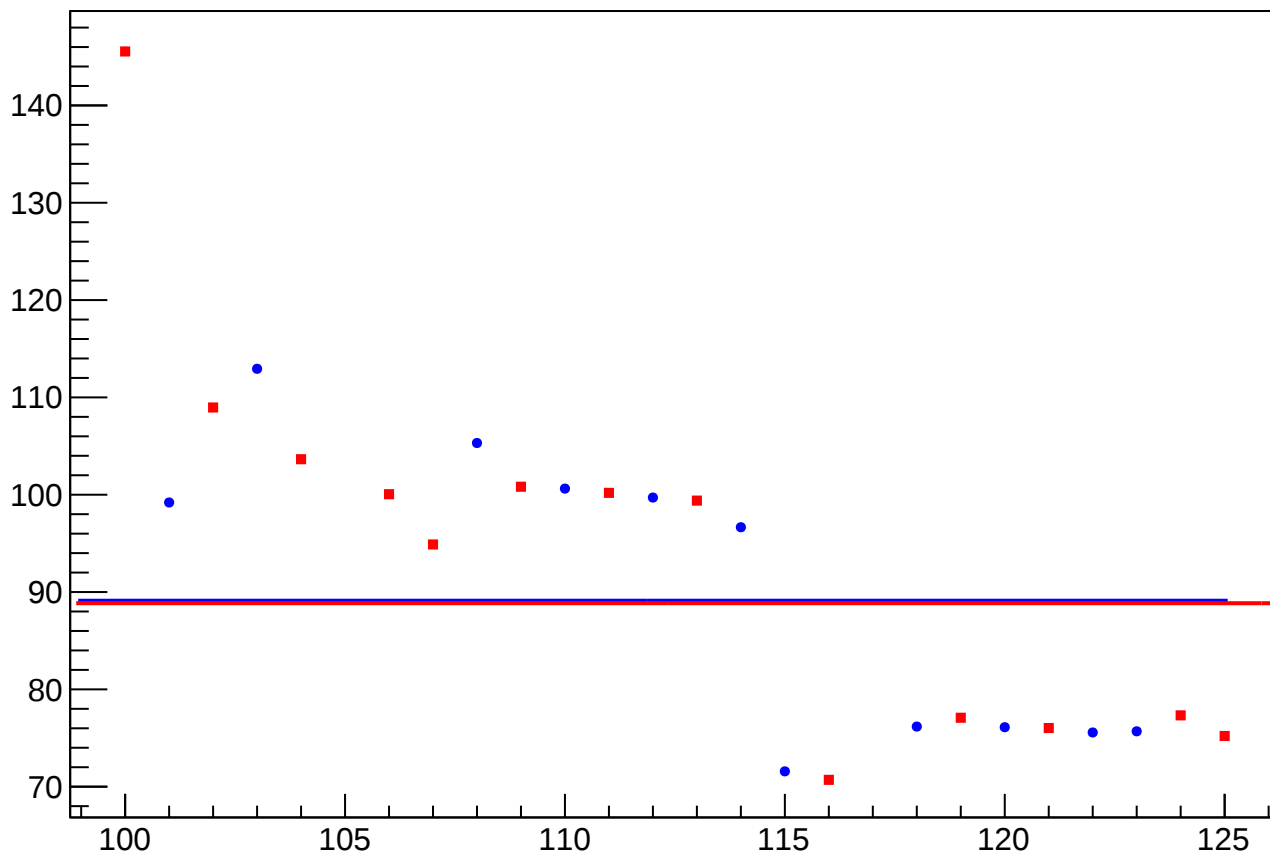
Right: 178.765 $\pm$ 30.929 χ^2 /NDF: 20.0/23

In: 222.699 $\pm$ 46.366 χ^2 /NDF:10.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 178.765 $\pm$ 30.929 χ^2 /NDF: 20.0/23

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 89.108+/-0.033 χ^2/NDF : 189530.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.852+/-0.029 χ^2/NDF : 229235.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

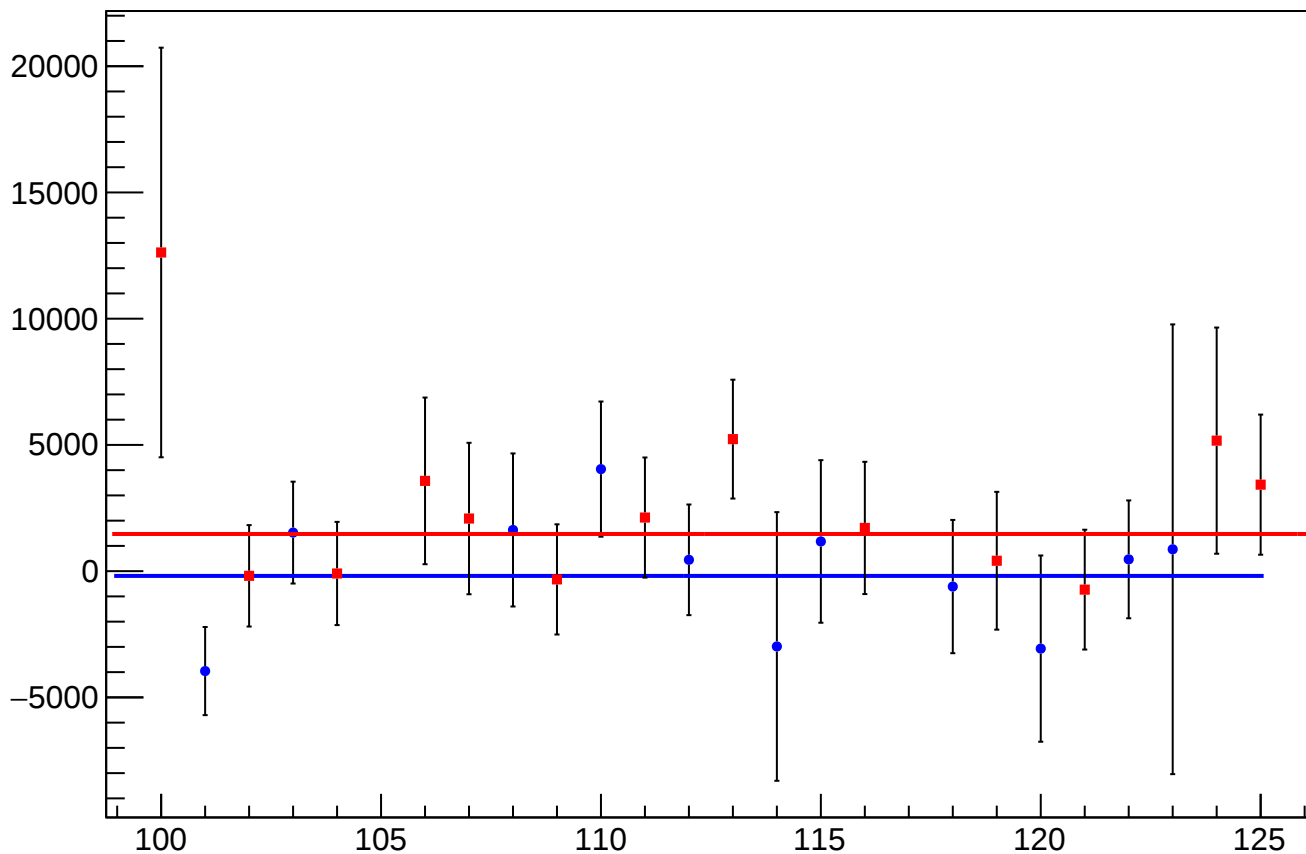
Right: 88.966+/-0.022 χ^2/NDF : 418799.6/23

In: 89.108+/-0.033 χ^2/NDF : 189530.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.966+/-0.022 χ^2/NDF : 418799.6/23

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -188.446+/-796.631 χ^2 /NDF: 9.5/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1472.208+/-723.598 χ^2 /NDF: 9.1/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

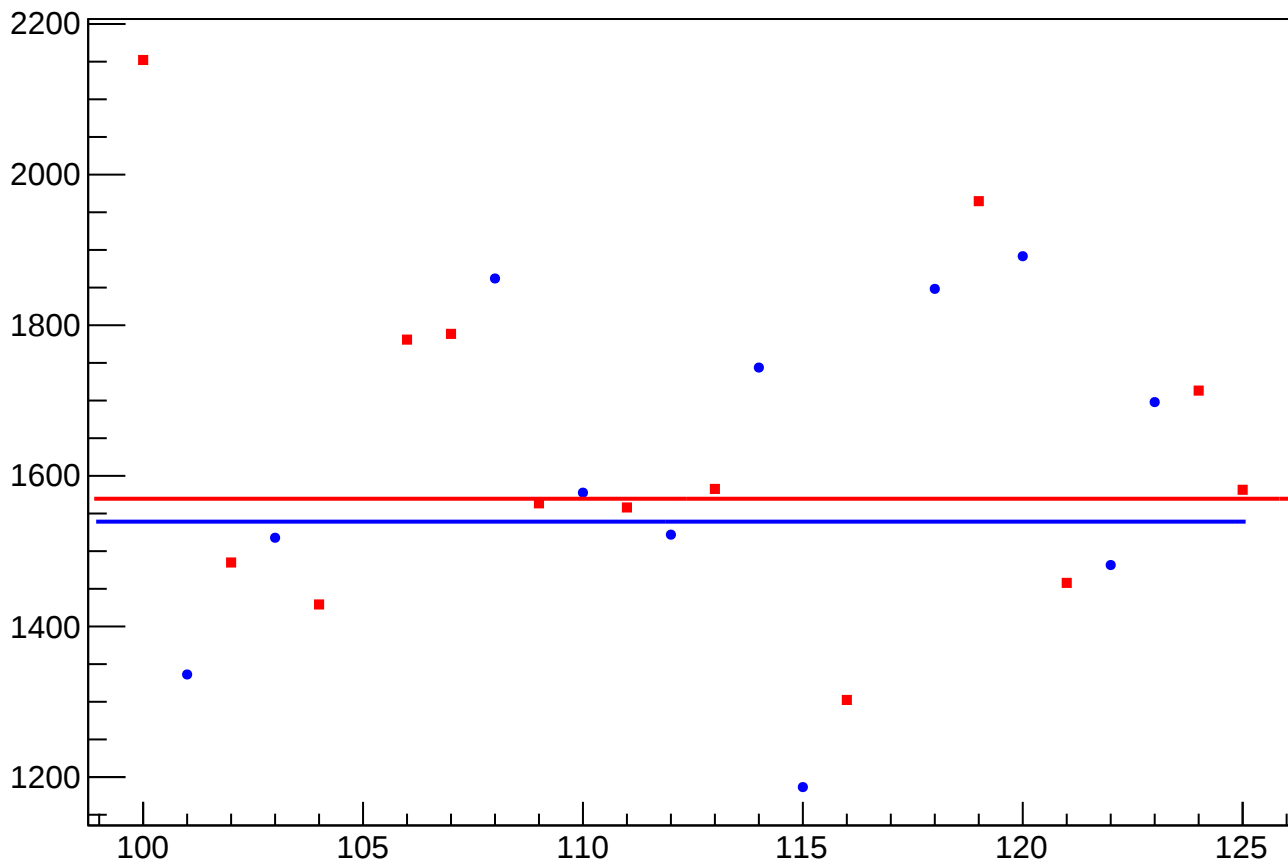
Right: 721.477+/-535.624 χ^2 /NDF: 21.0/23

In: -188.446+/-796.631 χ^2 /NDF:9.5/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 721.477+/-535.624 χ^2 /NDF: 21.0/23

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1539.198+/-0.563 χ^2/NDF : 124981.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1569.619+/-0.512 χ^2/NDF : 111546.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

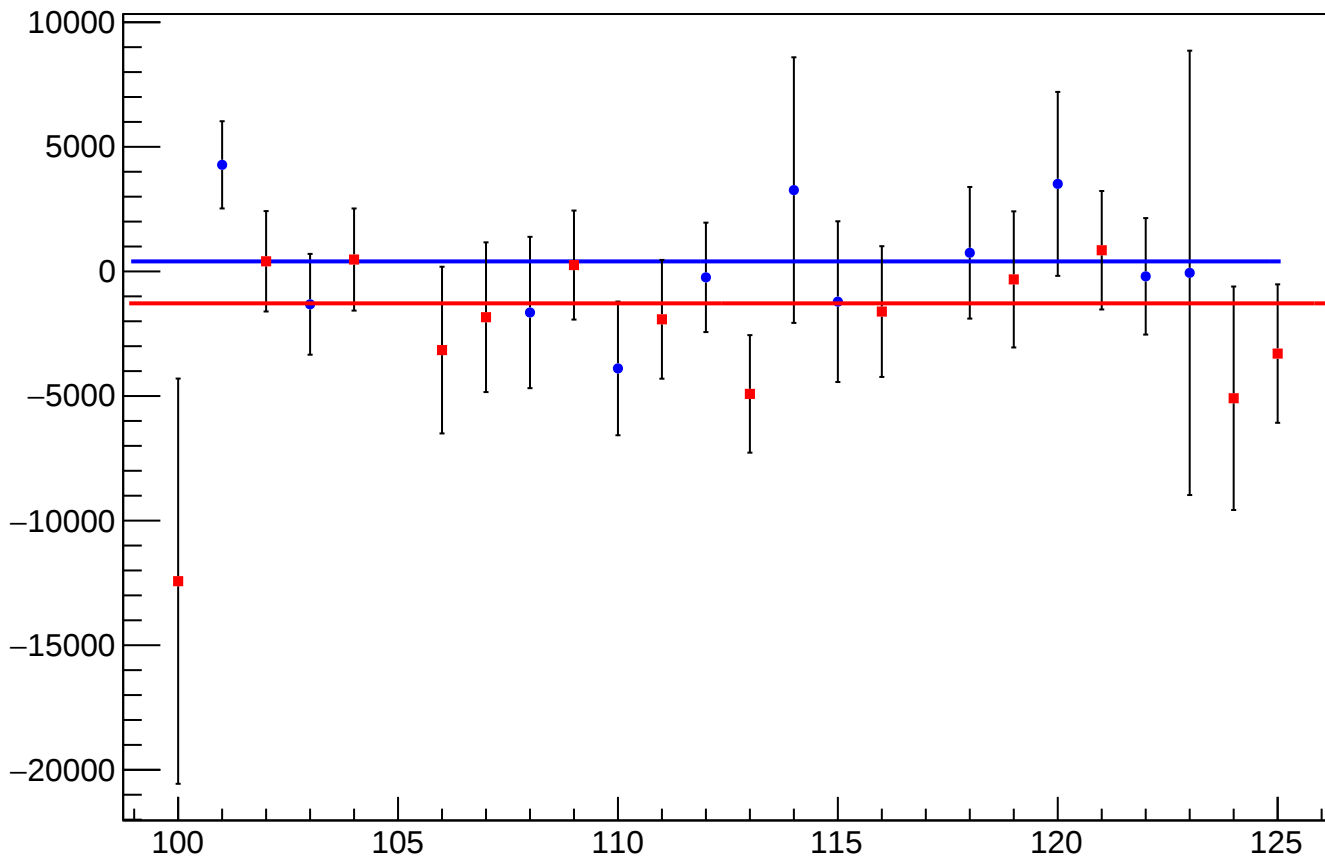
Right: 1555.867+/-0.379 χ^2/NDF : 238126.5/23

In: 1539.198+/-0.563 χ^2/NDF : 124981.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1555.867+/-0.379 χ^2/NDF : 238126.5/23

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 402.526+/-798.263 χ^2/NDF : 10.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1281.026+/-725.387 χ^2/NDF : 8.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

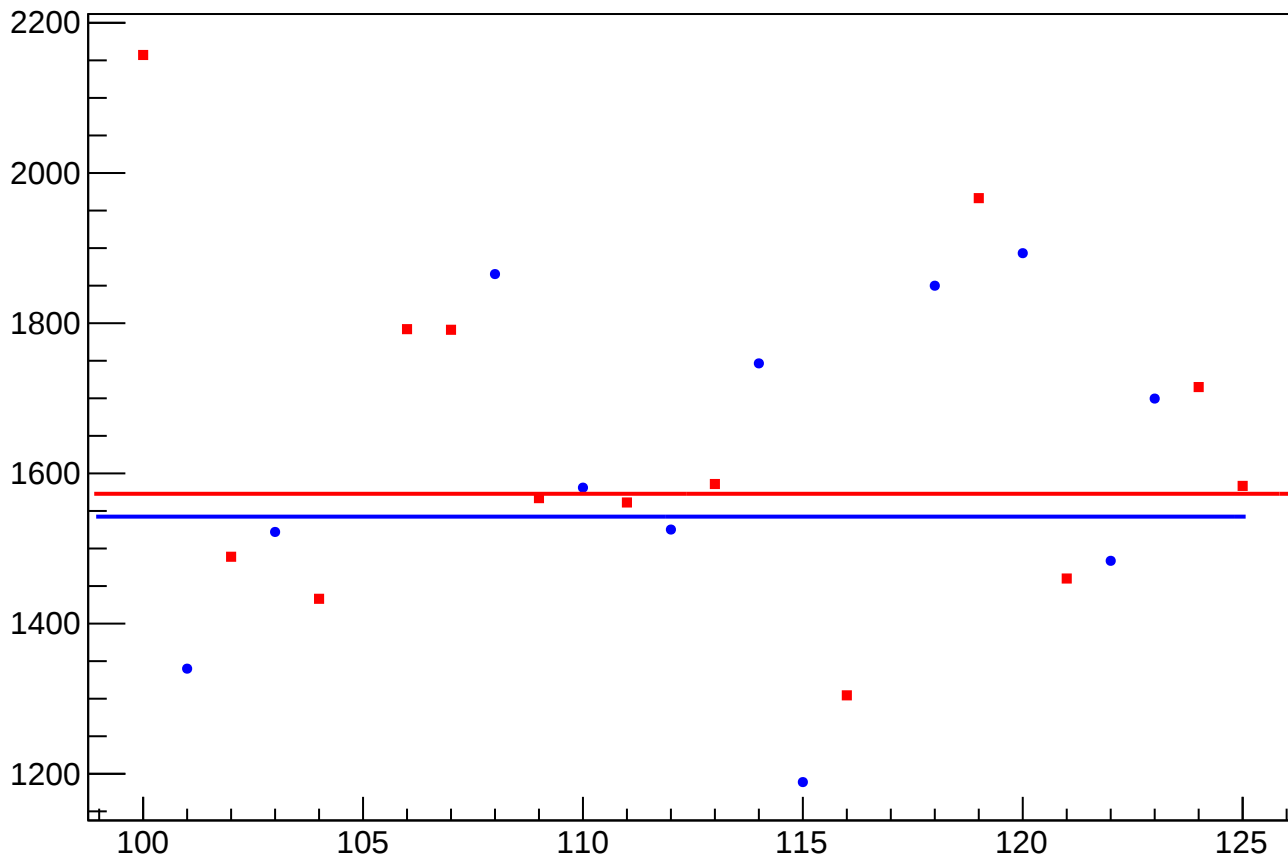
Right: -519.591+/-536.846 χ^2/NDF : 21.3/23

In: 402.526+/-798.263 χ^2/NDF : 10.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -519.591+/-536.846 χ^2/NDF : 21.3/23

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1542.449+/-0.564 χ^2/NDF : 124129.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1572.862+/-0.513 χ^2/NDF : 111418.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

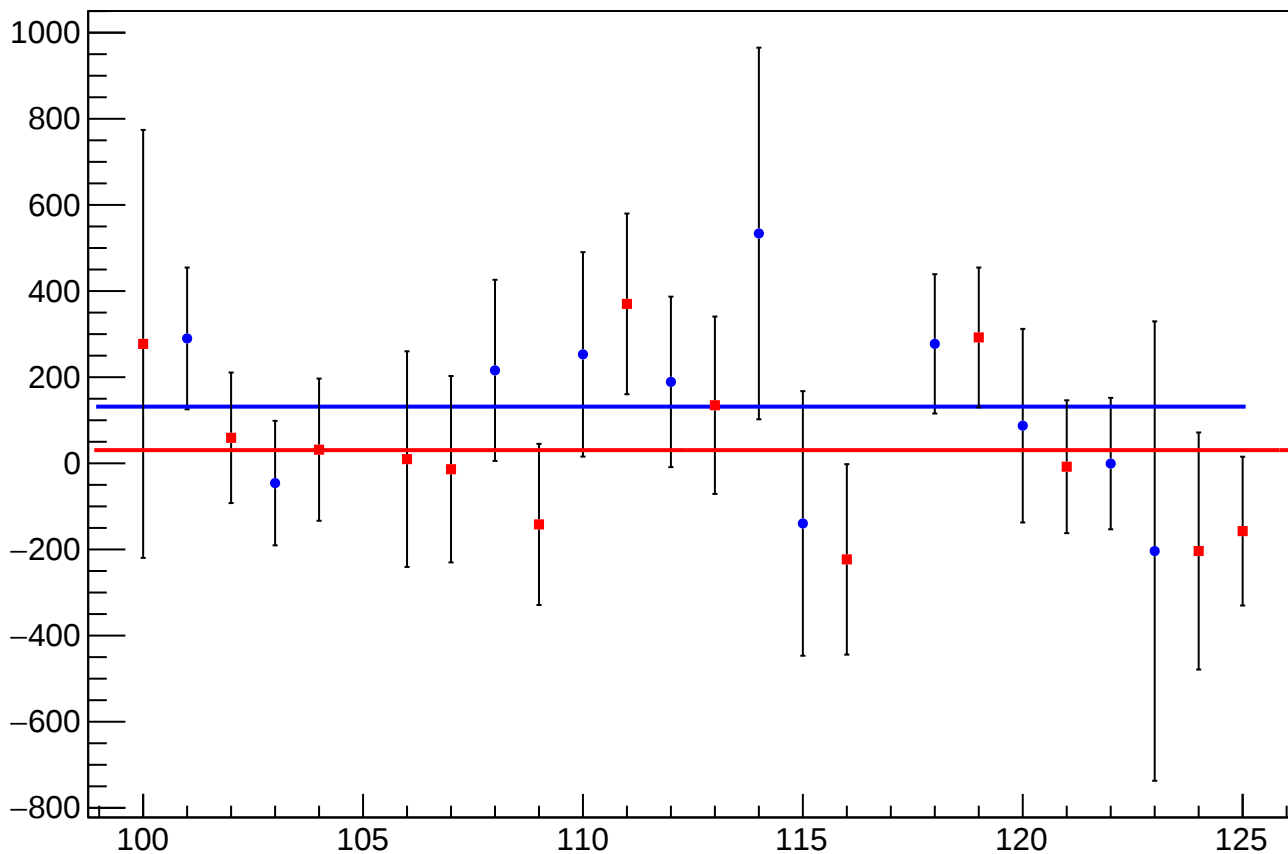
Right: 1559.107+/-0.380 χ^2/NDF : 237137.0/23

In: 1542.449+/-0.564 χ^2/NDF : 124129.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1559.107+/-0.380 χ^2/NDF : 237137.0/23

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 131.626 $\pm$ 60.730 χ^2 /NDF: 6.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 30.623 $\pm$ 53.948 χ^2 /NDF: 9.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

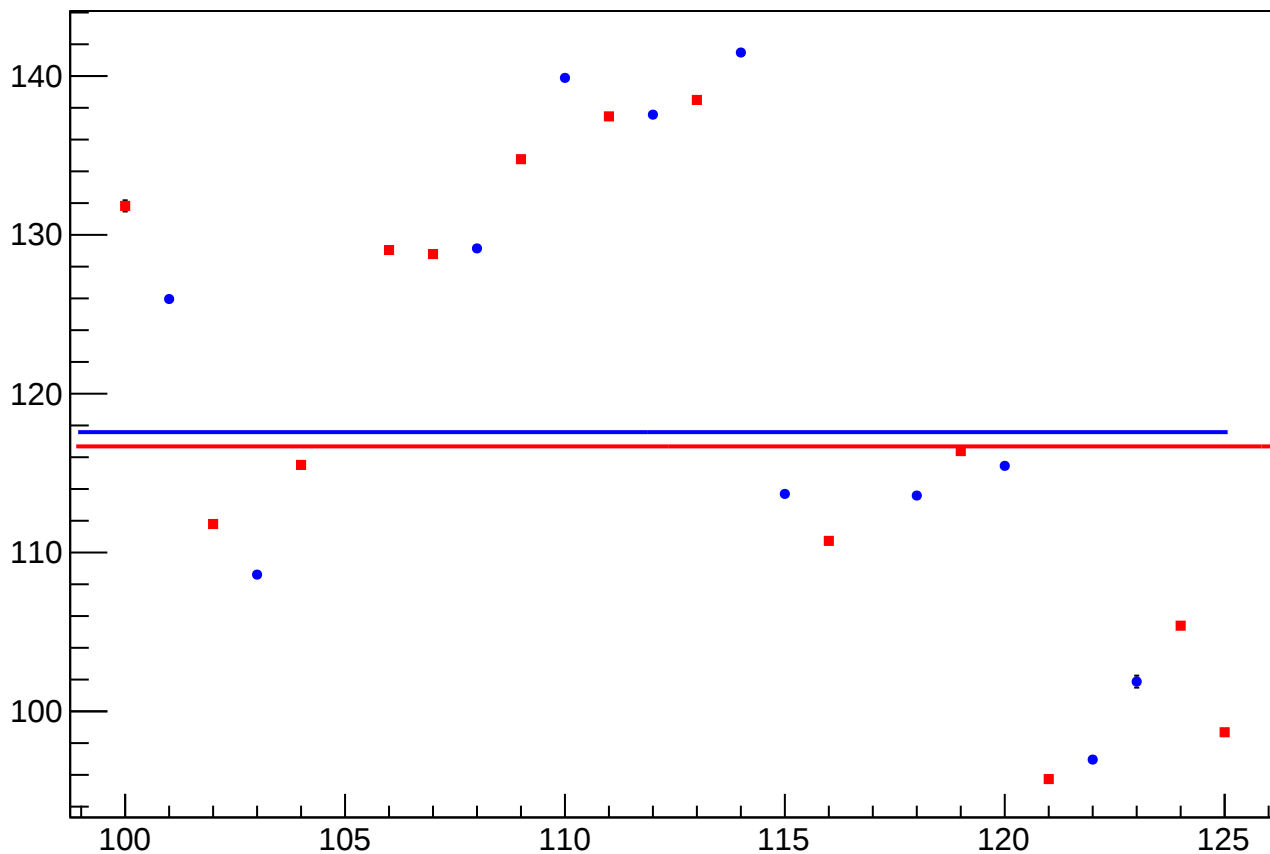
Right: 75.172 $\pm$ 40.332 χ^2 /NDF: 18.1/23

In: 131.626 $\pm$ 60.730 χ^2 /NDF: 6.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 75.172 $\pm$ 40.332 χ^2 /NDF: 18.1/23

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 117.579+/-0.043 χ^2/NDF : 103119.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.682+/-0.038 χ^2/NDF : 139311.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

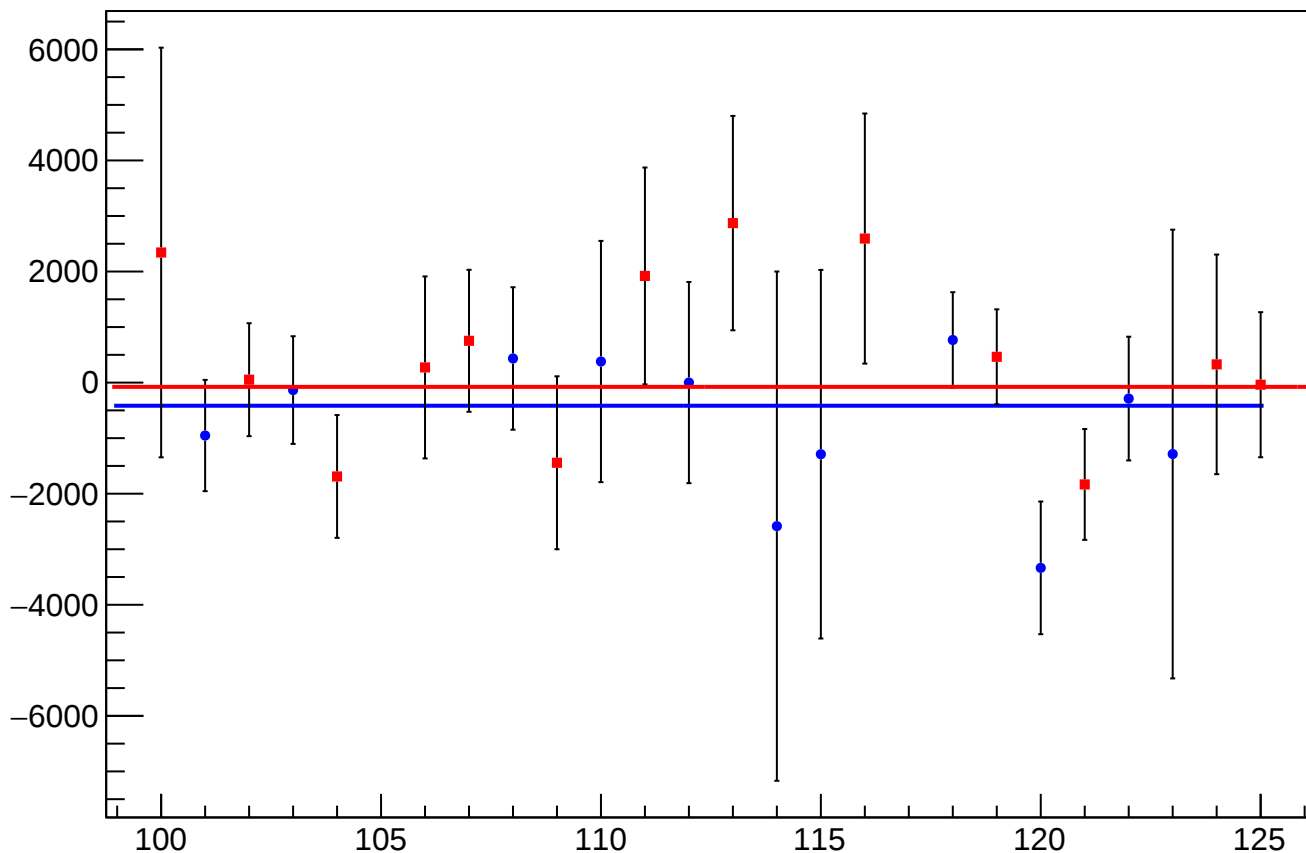
Right: 117.078+/-0.029 χ^2/NDF : 242675.3/23

In: 117.579+/-0.043 χ^2/NDF : 103119.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.078+/-0.029 χ^2/NDF : 242675.3/23

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -416.248+/-400.217 χ^2/NDF : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -76.514+/-372.746 χ^2/NDF : 12.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

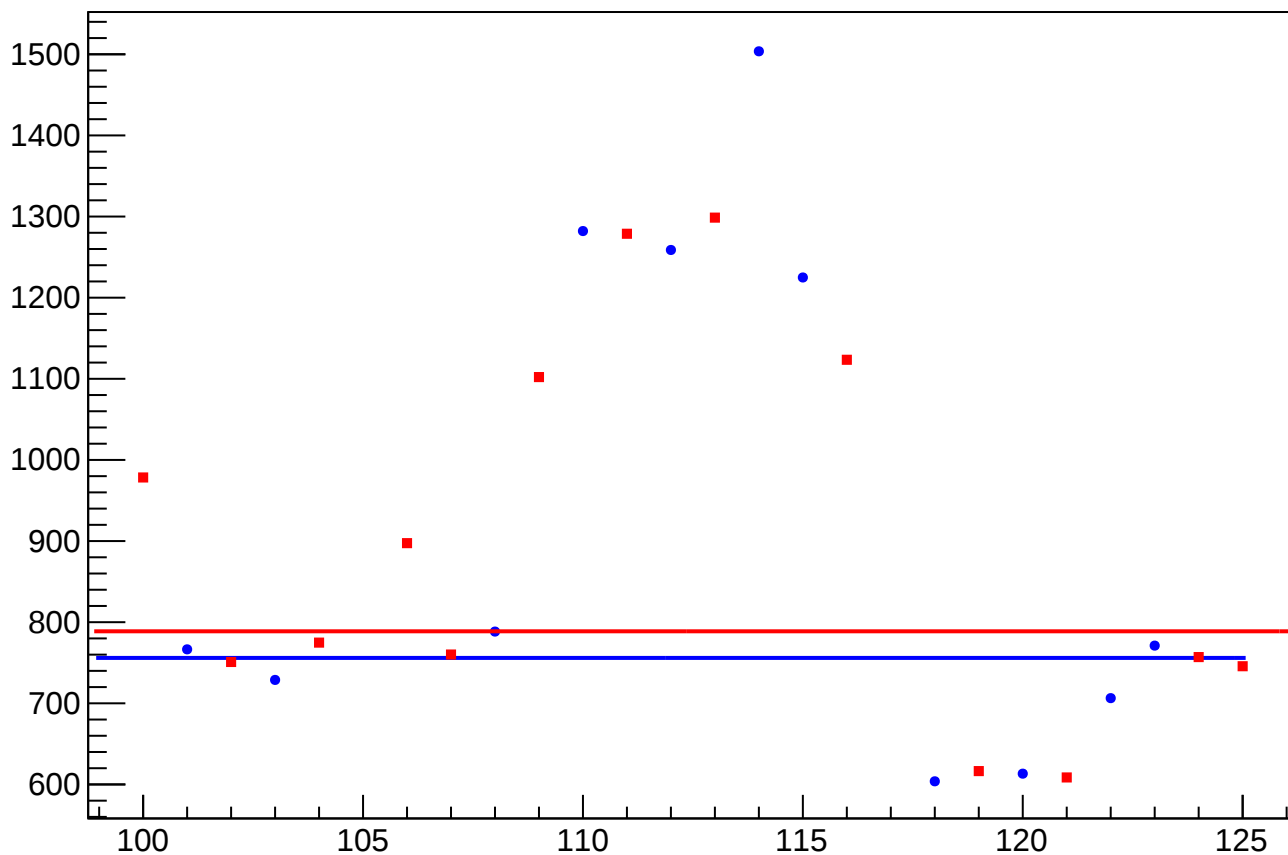
Right: -234.322+/-272.767 χ^2/NDF : 21.7/23

In: -416.248+/-400.217 χ^2/NDF :9.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -234.322+/-272.767 χ^2/NDF : 21.7/23

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 755.966+/-0.283 χ^2/NDF : 462820.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 788.767+/-0.264 χ^2/NDF : 558090.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

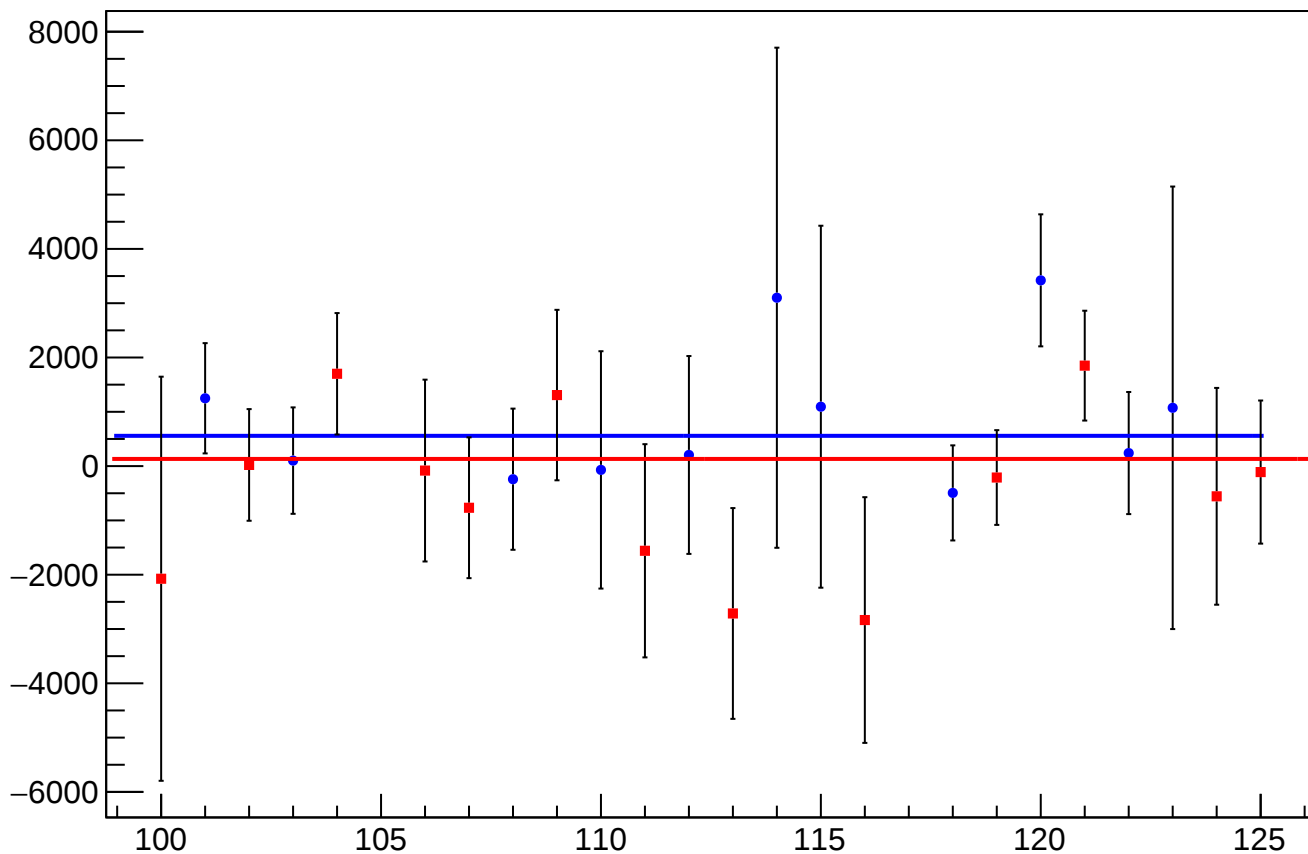
Right: 773.531+/-0.193 χ^2/NDF : 1028104.7/23

In: 755.966+/-0.283 χ^2/NDF : 462820.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 773.531+/-0.193 χ^2/NDF : 1028104.7/23

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 557.664 $\pm$ 405.470 χ^2 /NDF: 8.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 132.152 $\pm$ 377.573 χ^2 /NDF: 11.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

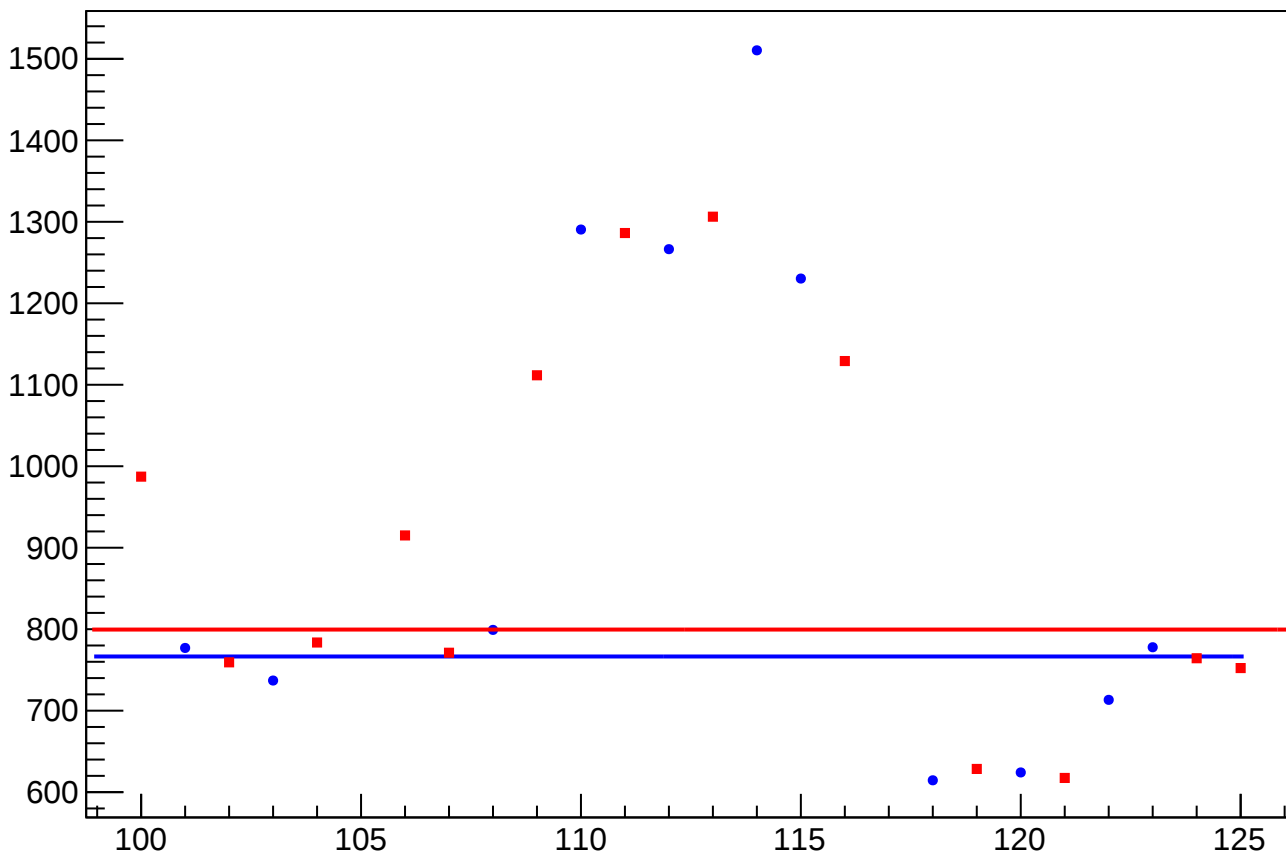
Right: 329.768 $\pm$ 276.321 χ^2 /NDF: 20.4/23

In: 557.664 $\pm$ 405.470 χ^2 /NDF:8.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 329.768 $\pm$ 276.321 χ^2 /NDF: 20.4/23

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 766.513+/-0.287 χ^2/NDF : 451895.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 799.556+/-0.267 χ^2/NDF : 544697.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

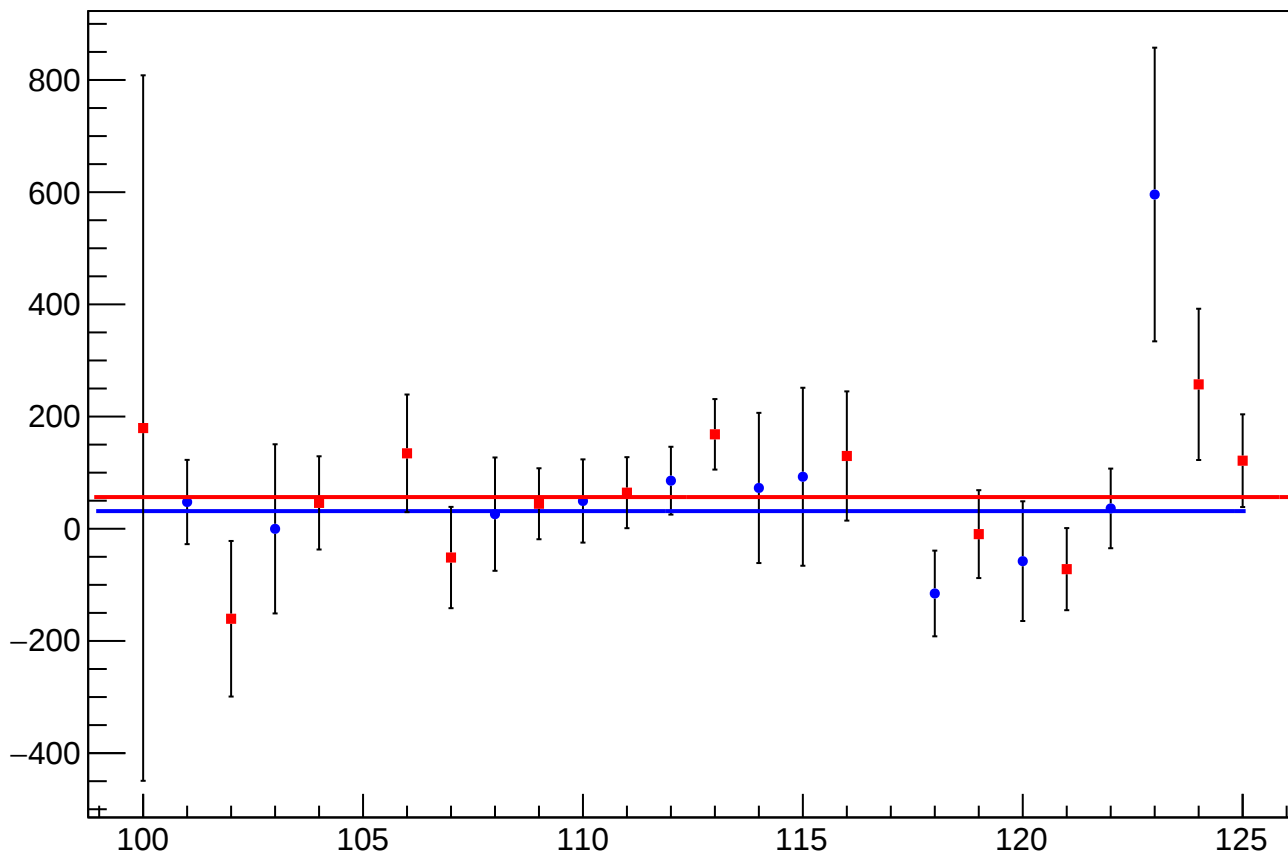
Right: 784.210+/-0.195 χ^2/NDF : 1003706.2/23

In: 766.513+/-0.287 χ^2/NDF : 451895.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 784.210+/-0.195 χ^2/NDF : 1003706.2/23

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 31.461 $\pm$ 27.292 χ^2 /NDF: 10.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 56.488 $\pm$ 23.623 χ^2 /NDF: 14.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

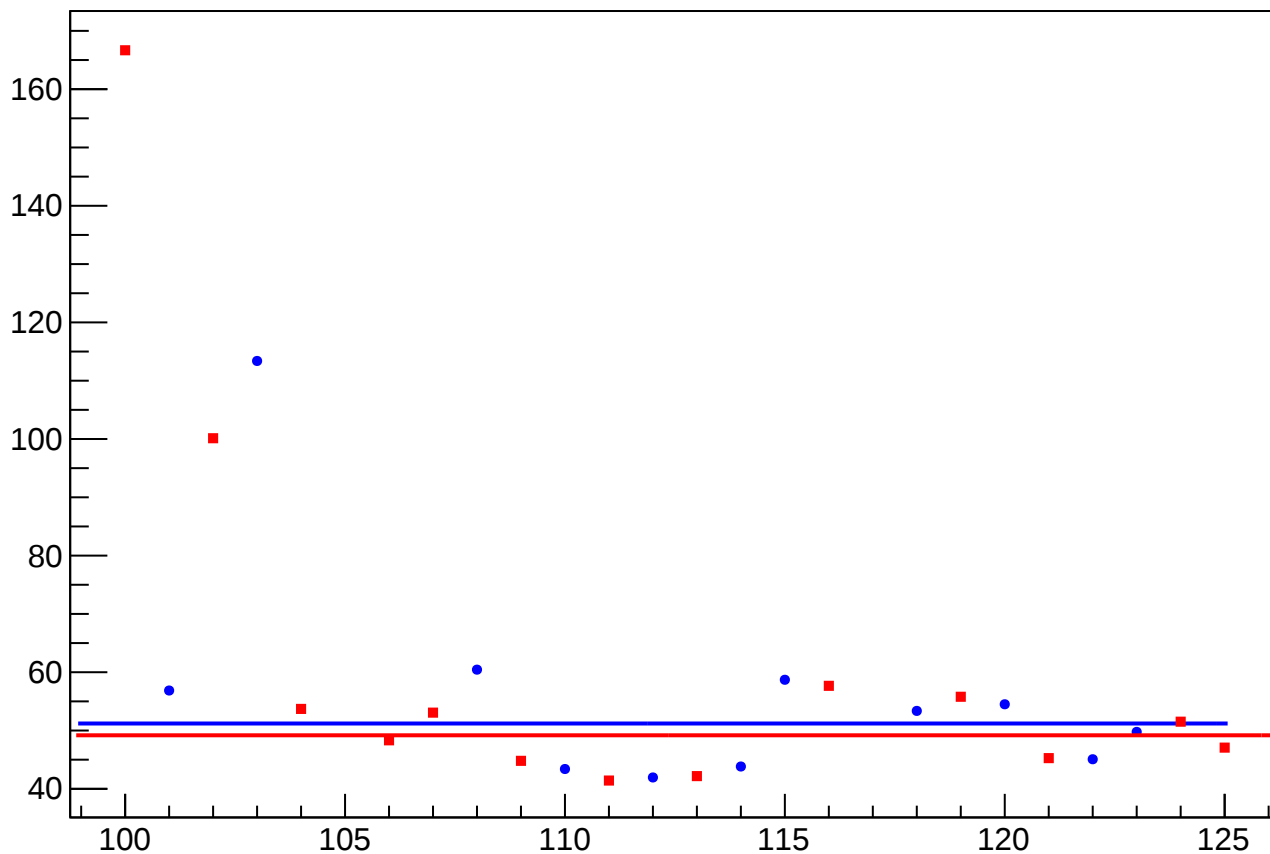
Right: 45.769 $\pm$ 17.861 χ^2 /NDF: 25.5/23

In: 31.461 $\pm$ 27.292 χ^2 /NDF:10.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 45.769 $\pm$ 17.861 χ^2 /NDF: 25.5/23

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 51.205+/-0.019 χ^2/NDF : 466261.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.183+/-0.017 χ^2/NDF : 446717.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

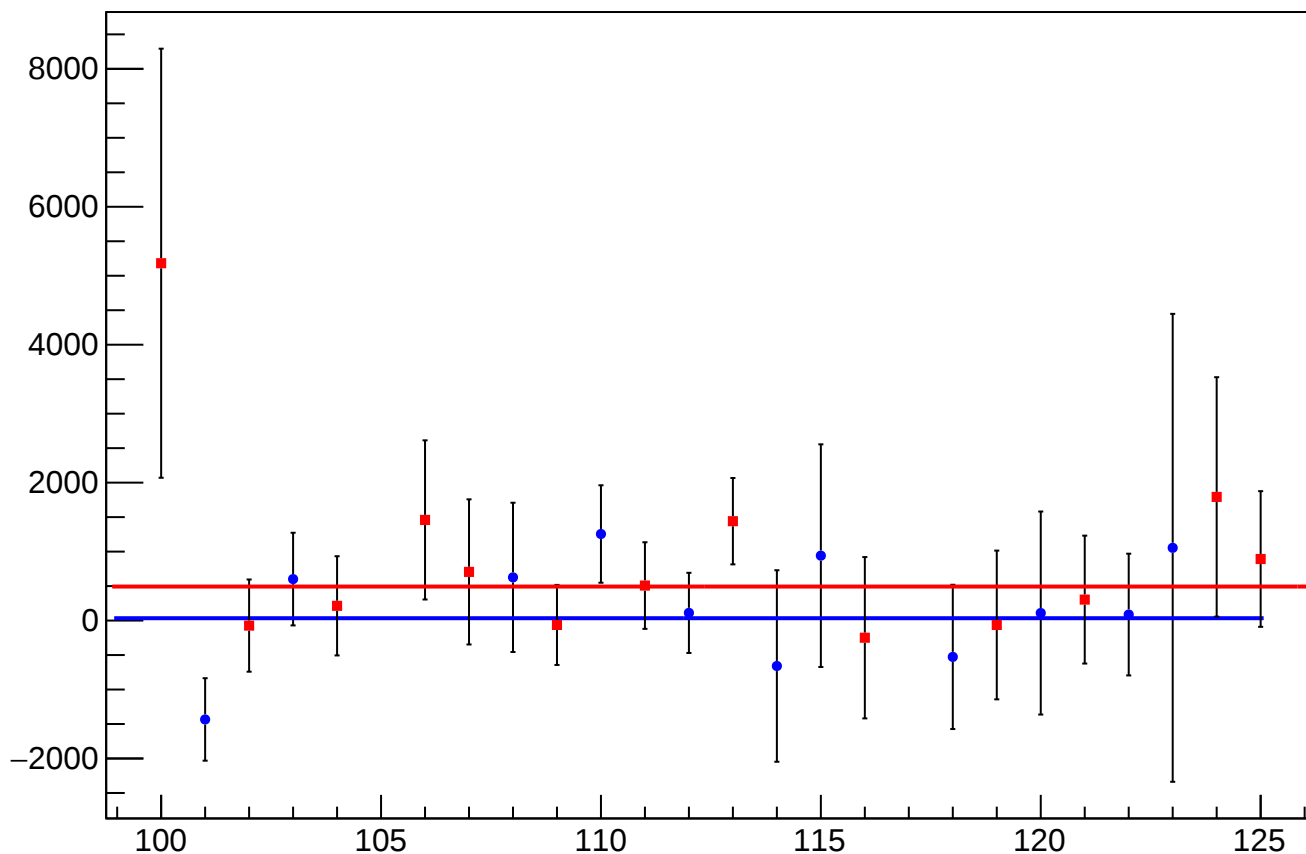
Right: 50.049+/-0.013 χ^2/NDF : 919255.6/23

In: 51.205+/-0.019 χ^2/NDF : 466261.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.049+/-0.013 χ^2/NDF : 919255.6/23

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: 34.186+/-262.803 χ^2/NDF : 11.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 493.150+/-235.030 χ^2/NDF : 8.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

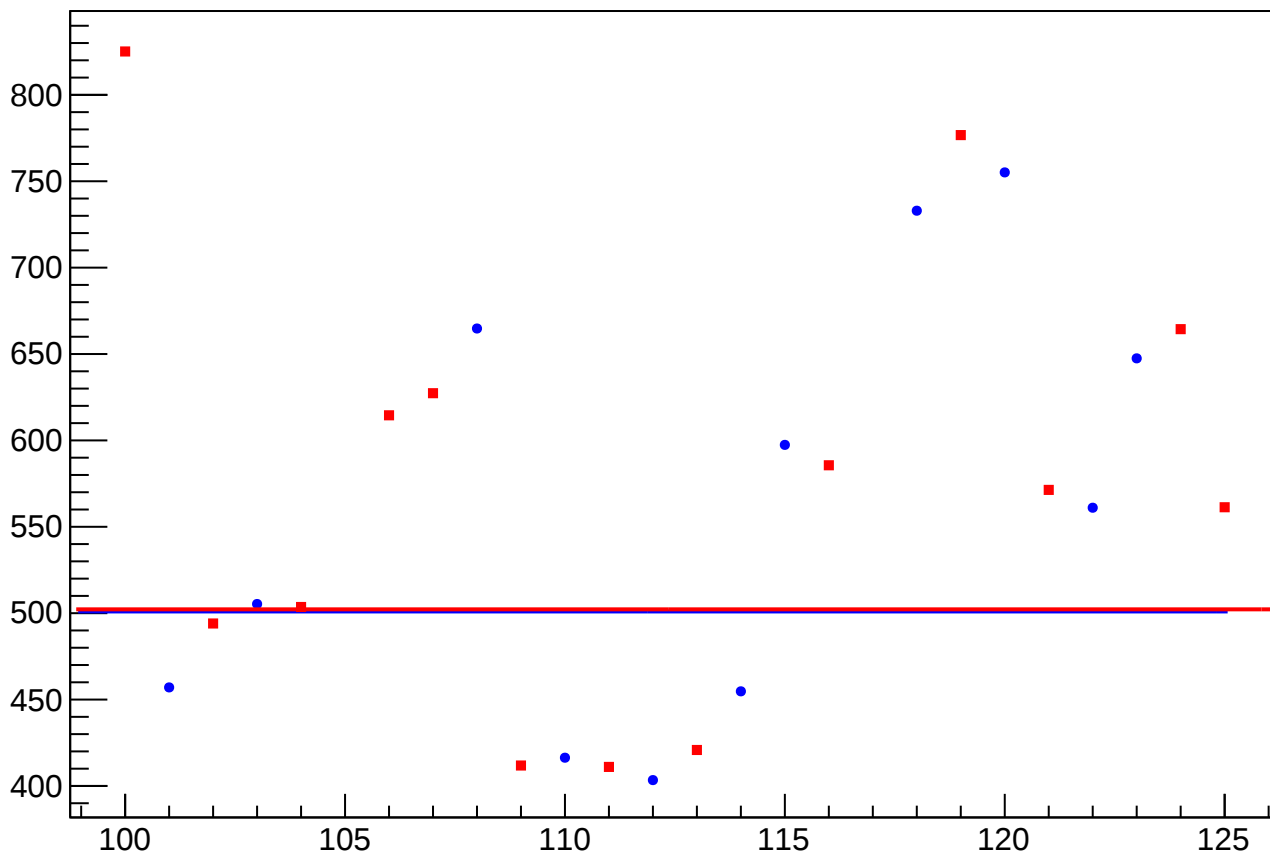
Right: 289.193+/-175.190 χ^2/NDF : 21.2/23

In: 34.186+/-262.803 χ^2/NDF : 11.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 289.193+/-175.190 χ^2/NDF : 21.2/23

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 501.005+/-0.186 χ^2/NDF : 322133.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 502.222+/-0.166 χ^2/NDF : 369115.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

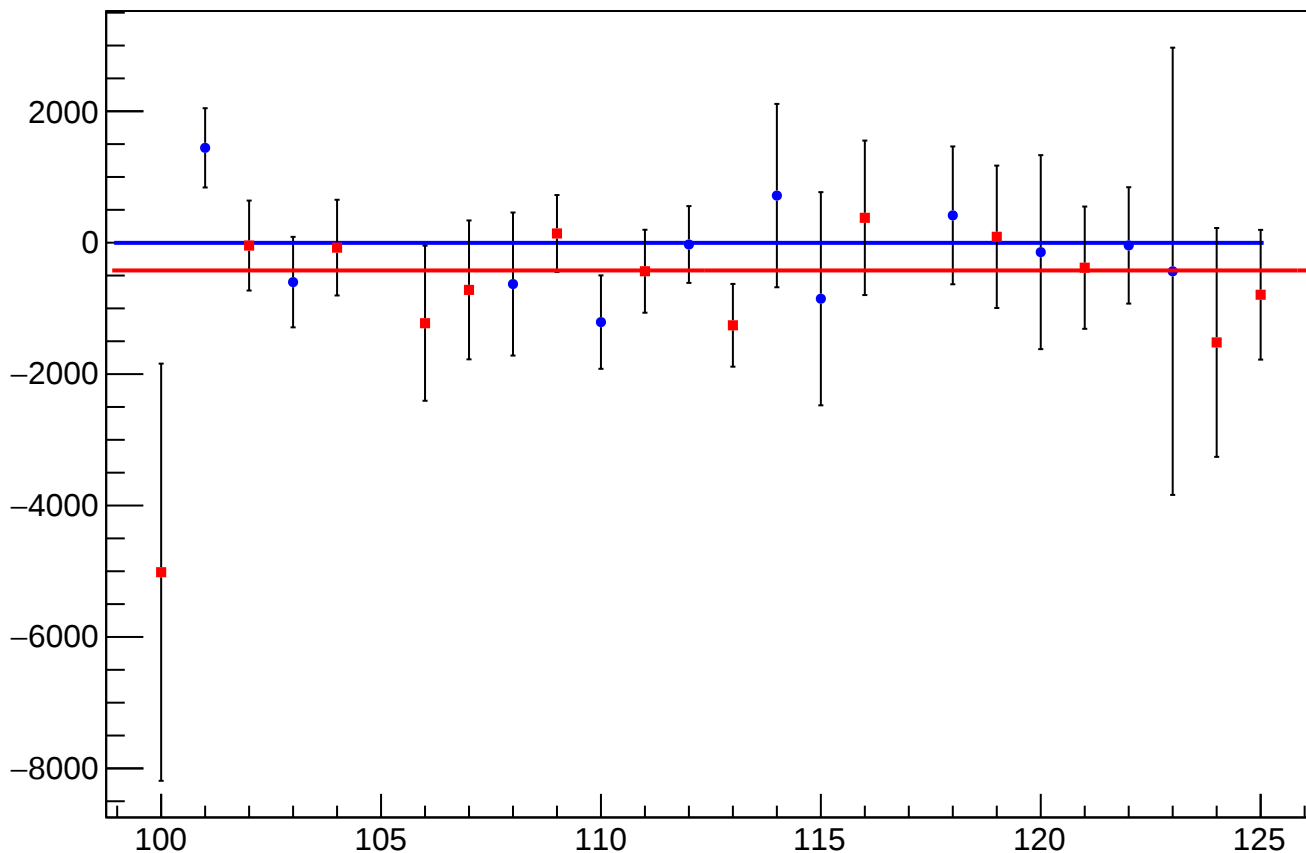
Right: 501.681+/-0.124 χ^2/NDF : 691273.1/23

In: 501.005+/-0.186 χ^2/NDF : 322133.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 501.681+/-0.124 χ^2/NDF : 691273.1/23

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -2.633 ± 265.065 χ^2/NDF : 10.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -422.543 ± 237.146 χ^2/NDF : 7.1/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

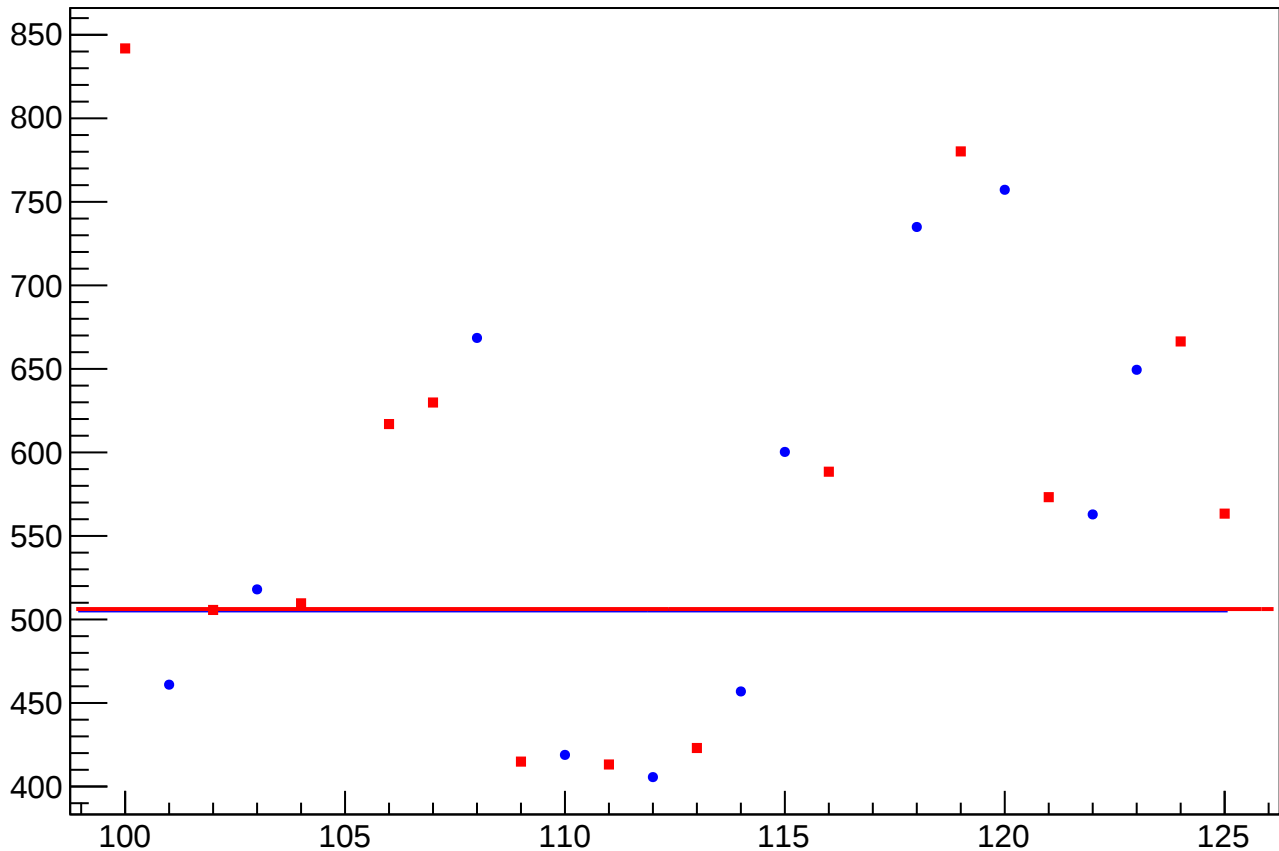
Right: -235.860 ± 176.737 χ^2/NDF : 18.9/23

In: -2.633 ± 265.065 χ^2/NDF : 10.4/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -235.860 ± 176.737 χ^2/NDF : 18.9/23

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 505.406+/-0.187 χ^2/NDF : 319678.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 506.228+/-0.168 χ^2/NDF : 366319.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

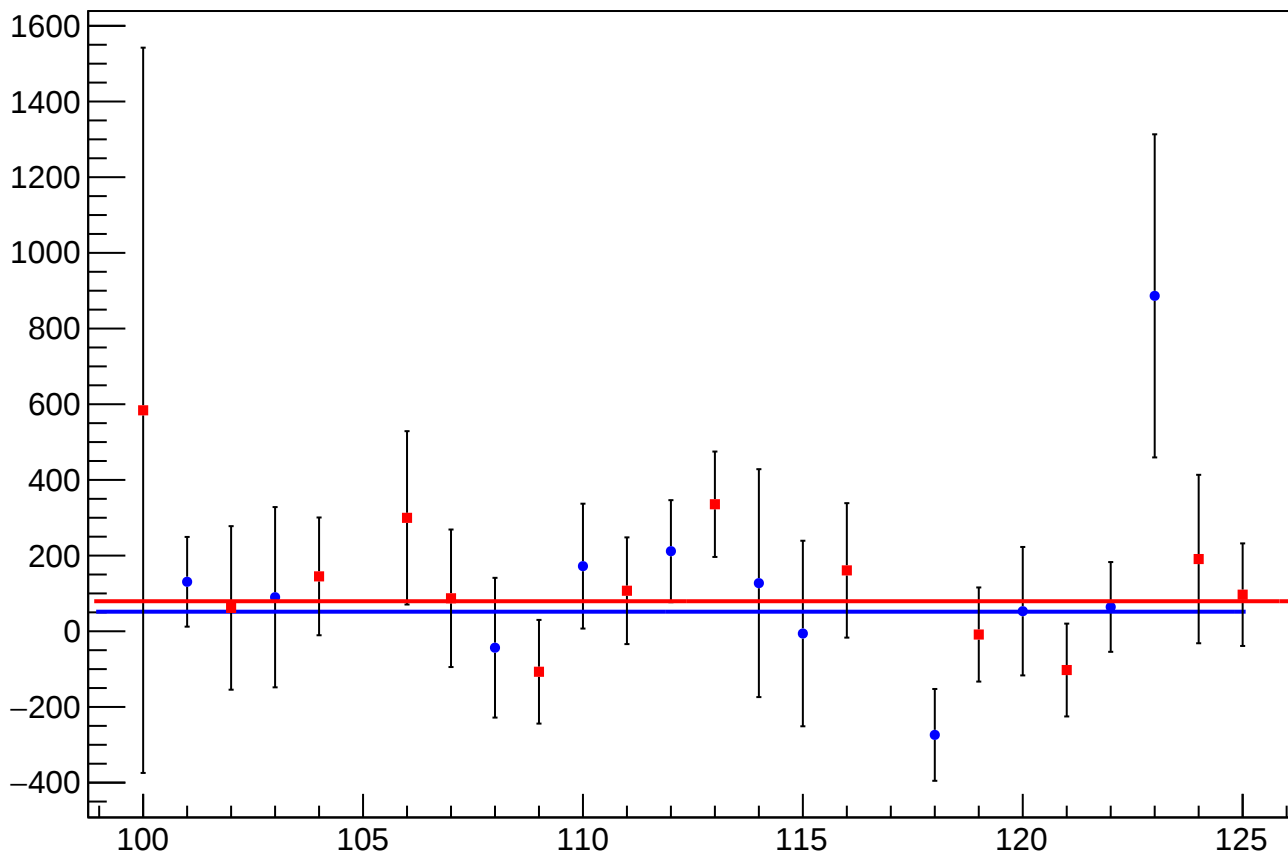
Right: 505.862+/-0.125 χ^2/NDF : 686008.1/23

In: 505.406+/-0.187 χ^2/NDF : 319678.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 505.862+/-0.125 χ^2/NDF : 686008.1/23

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.742+/-48.986 χ^2/NDF : 13.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.391+/-44.471 χ^2/NDF : 9.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

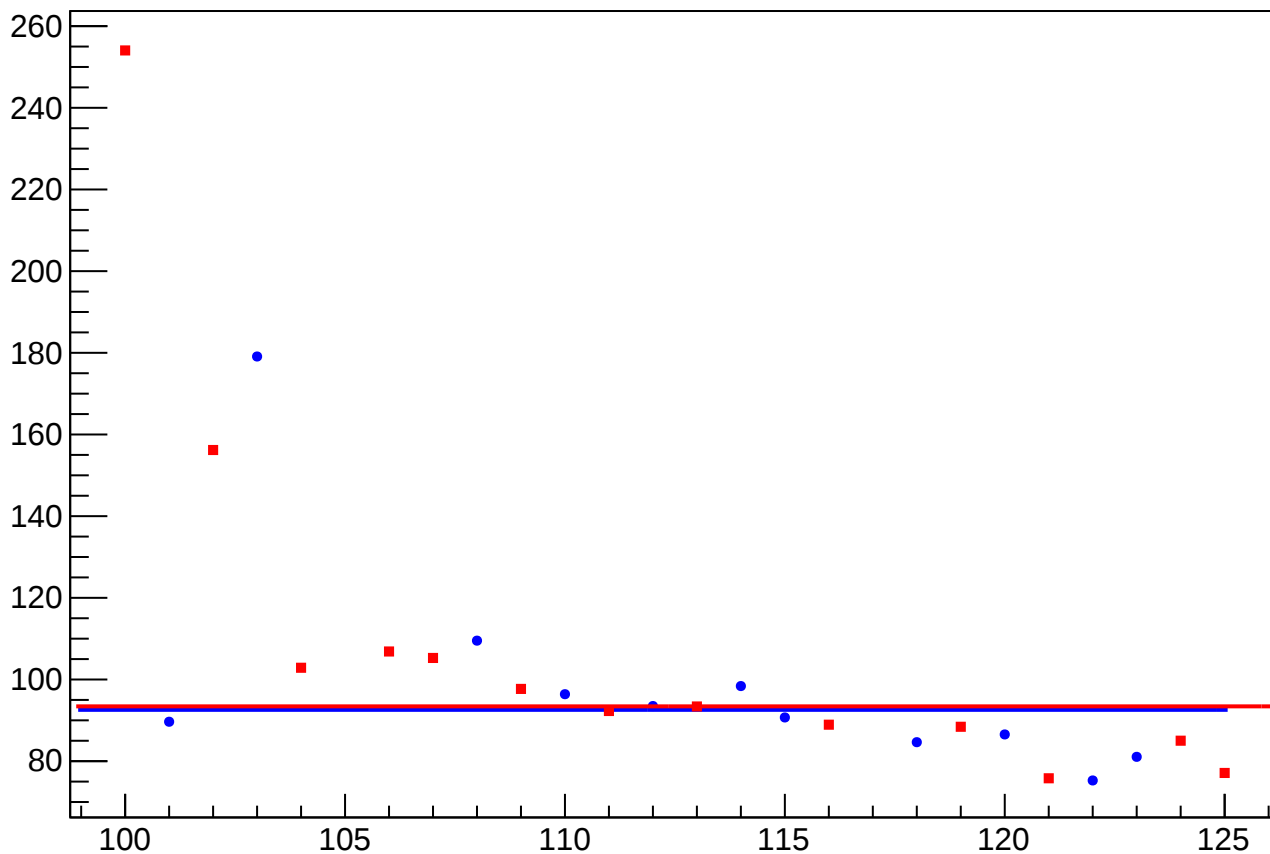
Right: 66.899+/-32.927 χ^2/NDF : 23.8/23

In: 51.742+/-48.986 χ^2/NDF : 13.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.899+/-32.927 χ^2/NDF : 23.8/23

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 92.572+/-0.035 χ^2/NDF : 339007.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.424+/-0.031 χ^2/NDF : 327345.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

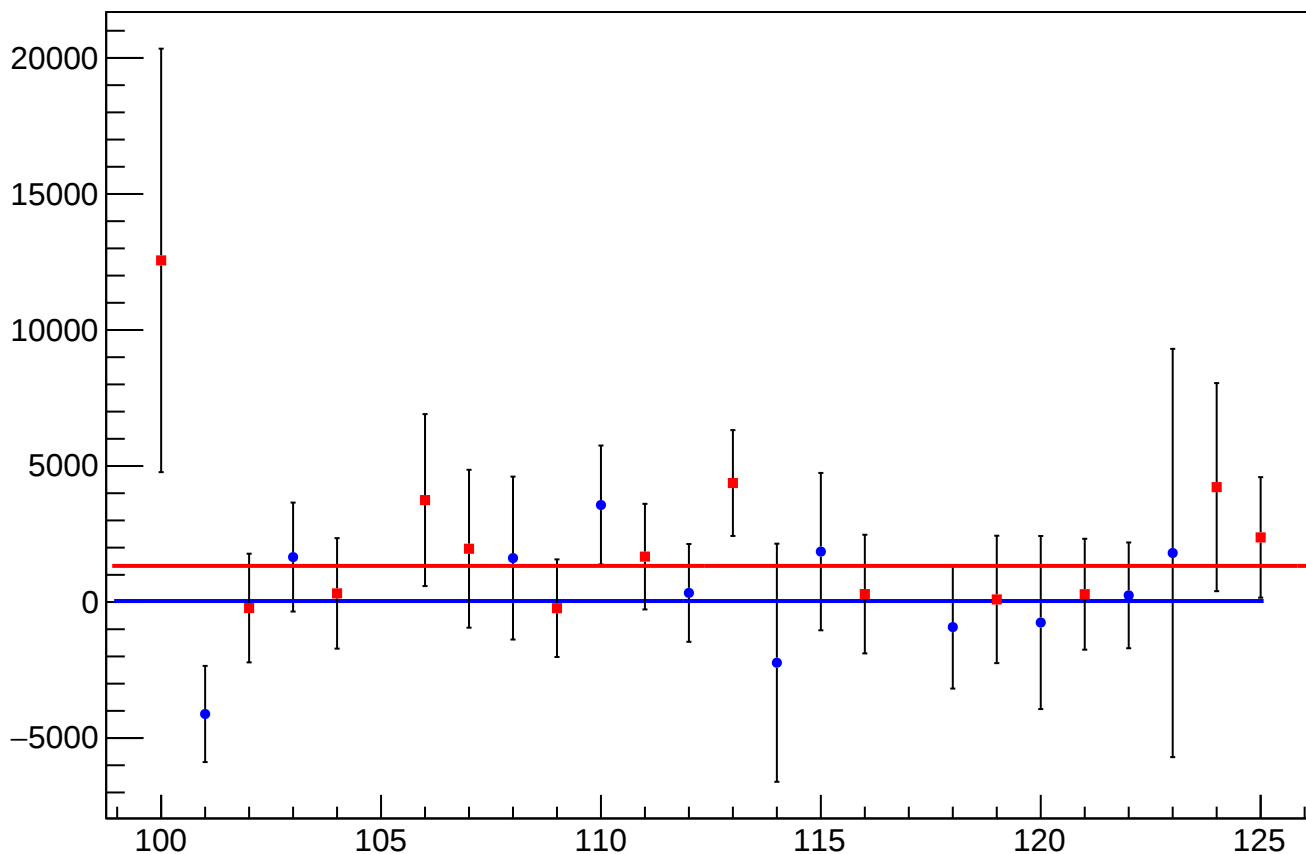
Right: 93.039+/-0.023 χ^2/NDF : 666684.6/23

In: 92.572+/-0.035 χ^2/NDF : 339007.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.039+/-0.023 χ^2/NDF : 666684.6/23

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: 38.082+/-716.530 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1328.630+/-635.742 χ^2/NDF : 8.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

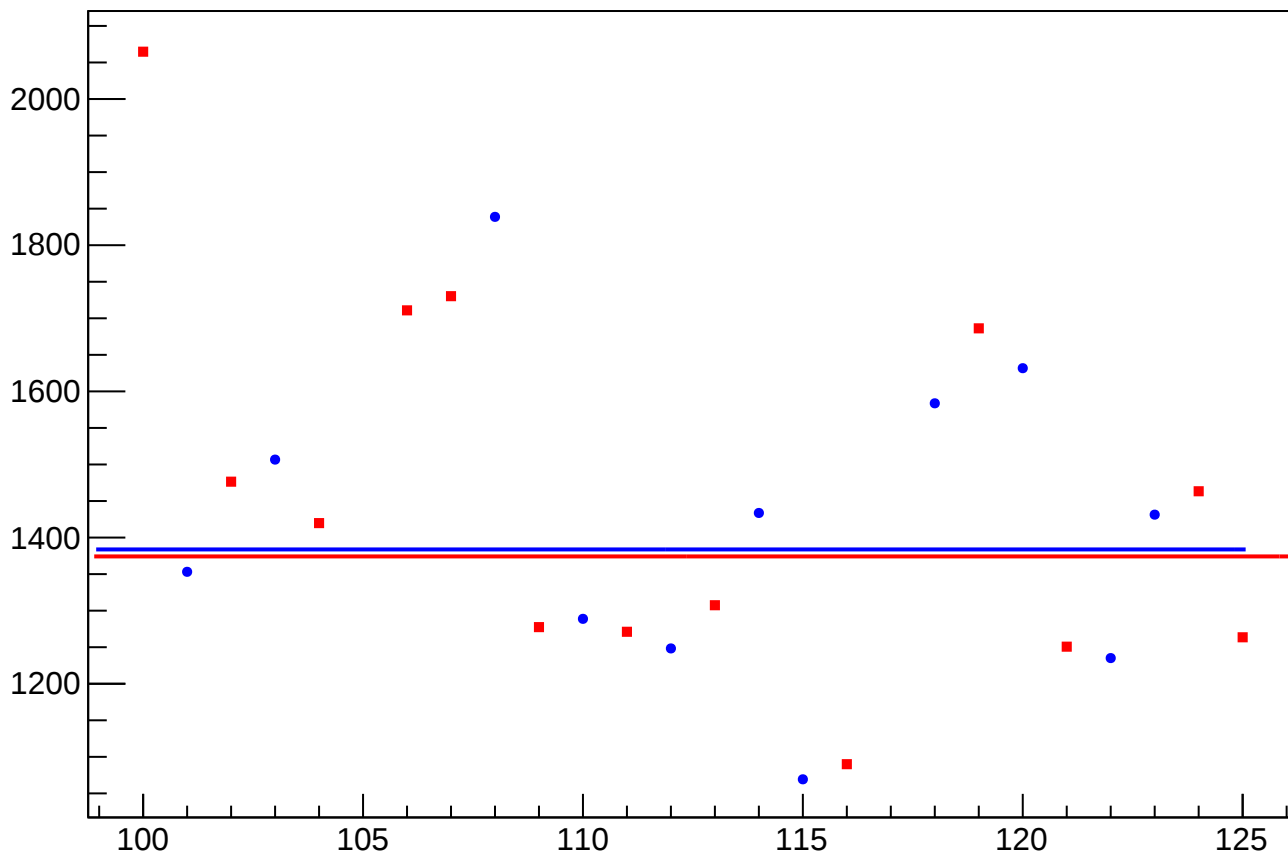
Right: 760.182+/-475.546 χ^2/NDF : 20.2/23

In: 38.082+/-716.530 χ^2/NDF : 10.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 760.182+/-475.546 χ^2/NDF : 20.2/23

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1383.772+/-0.507 χ^2/NDF : 132909.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1374.209+/-0.450 χ^2/NDF : 171514.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

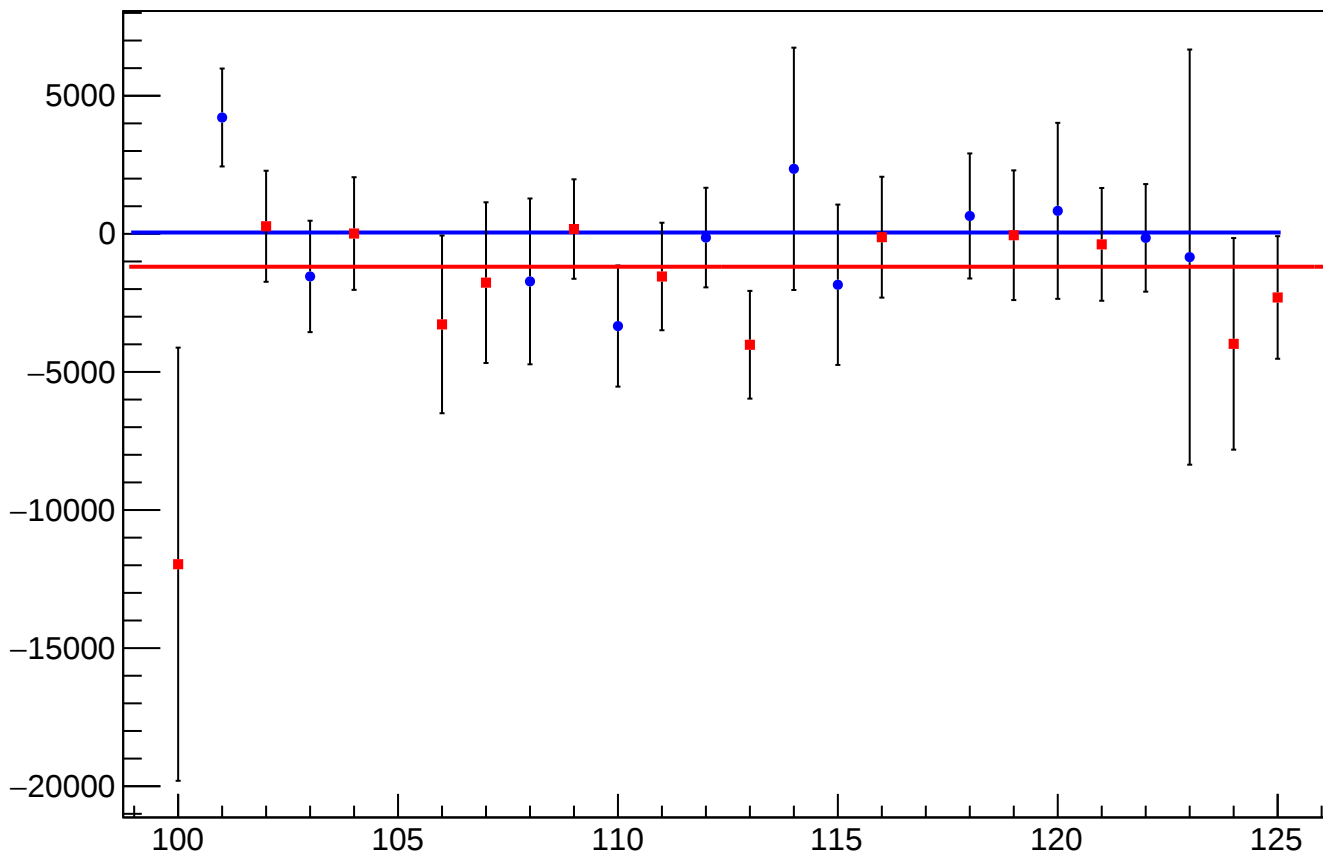
Right: 1378.421+/-0.336 χ^2/NDF : 304623.1/23

In: 1383.772+/-0.507 χ^2/NDF : 132909.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1378.421+/-0.336 χ^2/NDF : 304623.1/23

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 48.776+/-718.720 χ^2/NDF : 9.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1190.482+/-638.189 χ^2/NDF : 7.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

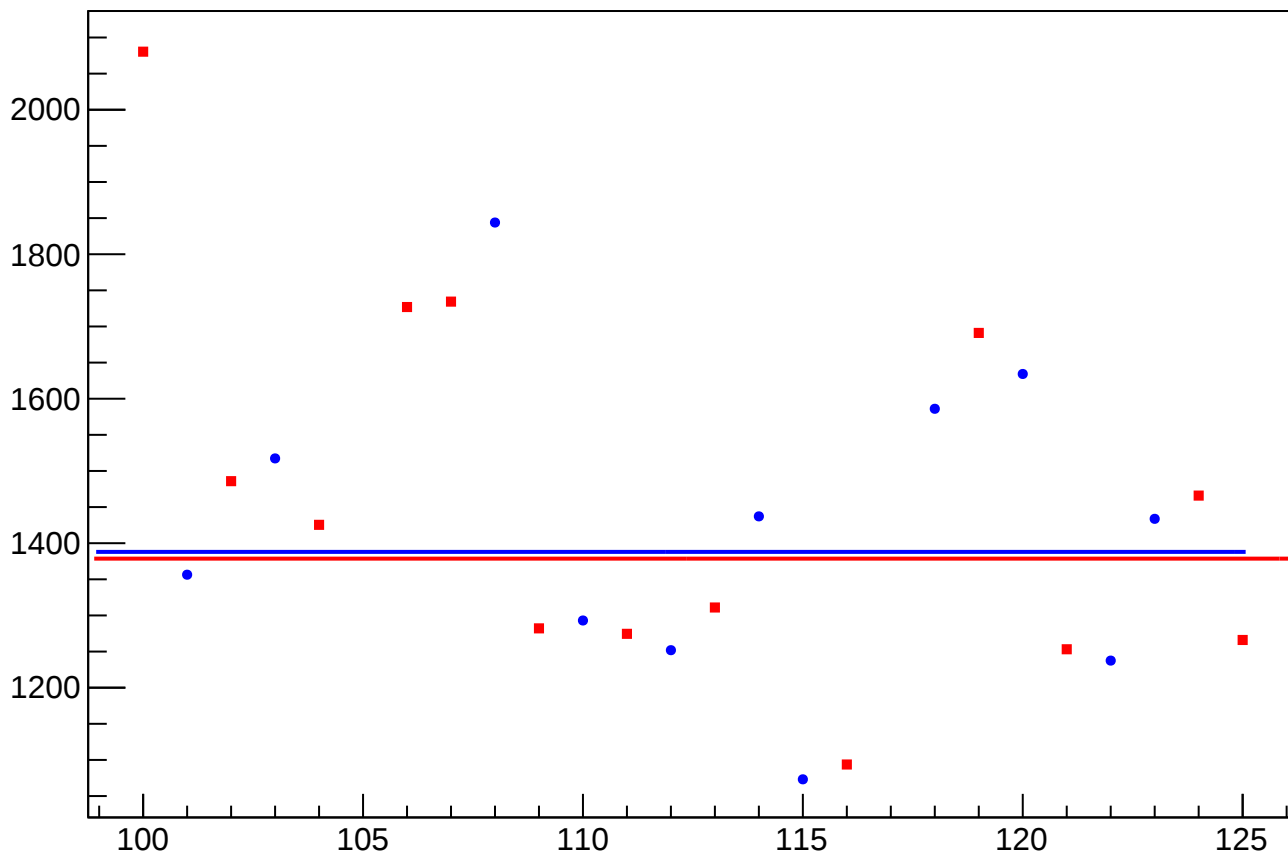
Right: -644.143+/-477.210 χ^2/NDF : 18.7/23

In: 48.776+/-718.720 χ^2/NDF : 9.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -644.143+/-477.210 χ^2/NDF : 18.7/23

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1387.977+/-0.508 χ^2/NDF : 133159.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1378.642+/-0.451 χ^2/NDF : 173035.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

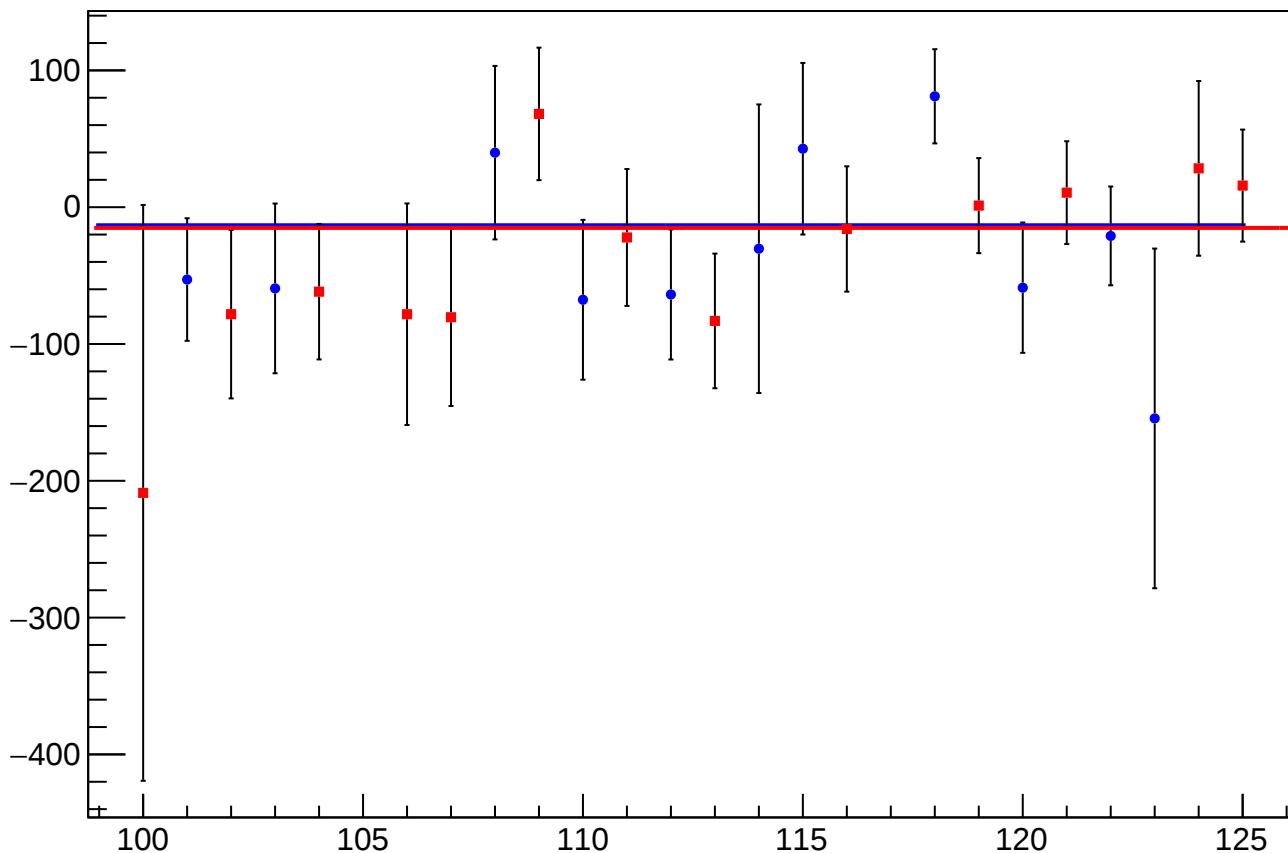
Right: 1382.758+/-0.337 χ^2/NDF : 306382.9/23

In: 1387.977+/-0.508 χ^2/NDF : 133159.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1382.758+/-0.337 χ^2/NDF : 306382.9/23

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -13.208+/-15.425 χ^2/NDF : 14.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.137+/-13.898 χ^2/NDF : 11.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

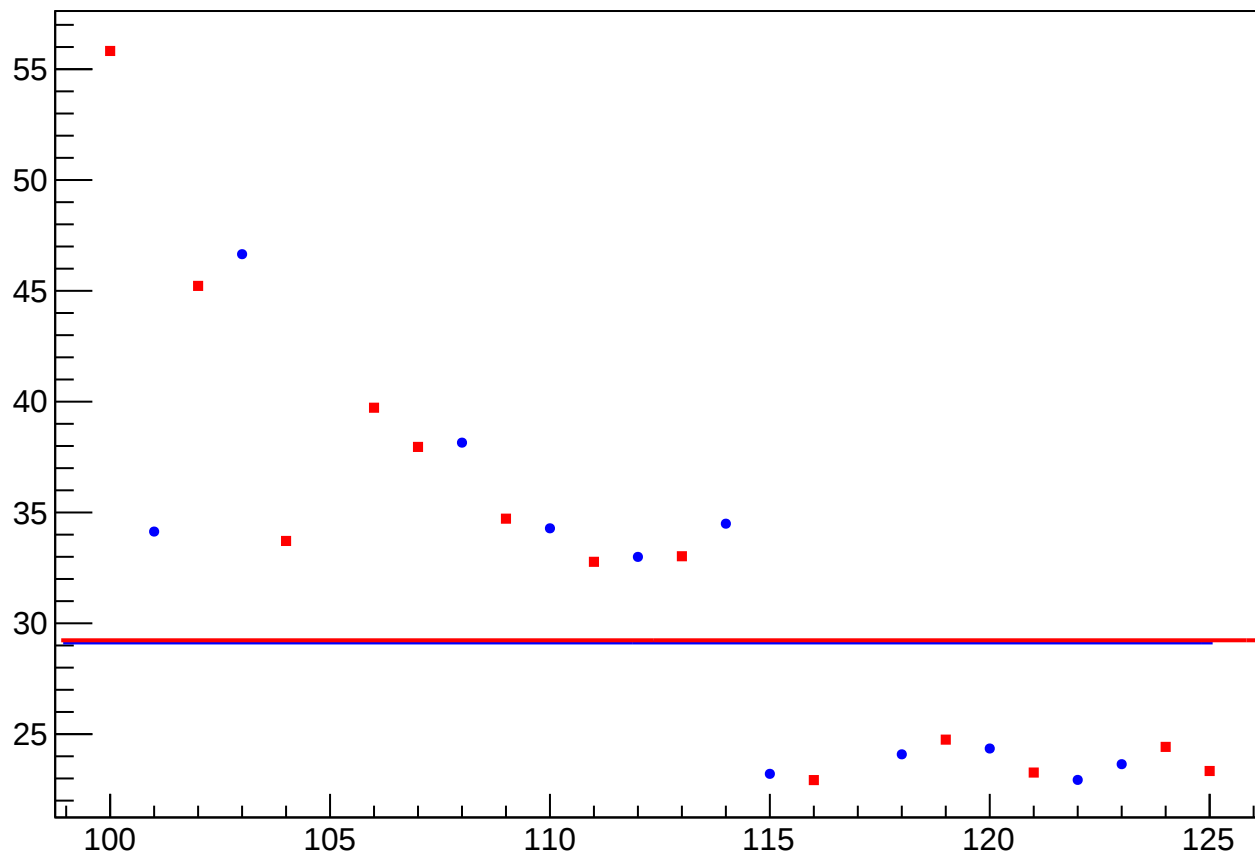
Right: -14.273+/-10.325 χ^2/NDF : 25.6/23

In: -13.208+/-15.425 χ^2/NDF : 14.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.273+/-10.325 χ^2/NDF : 25.6/23

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 29.136 $\pm$ 0.011 χ^2 /NDF: 402701.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 29.234 $\pm$ 0.010 χ^2 /NDF: 474941.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

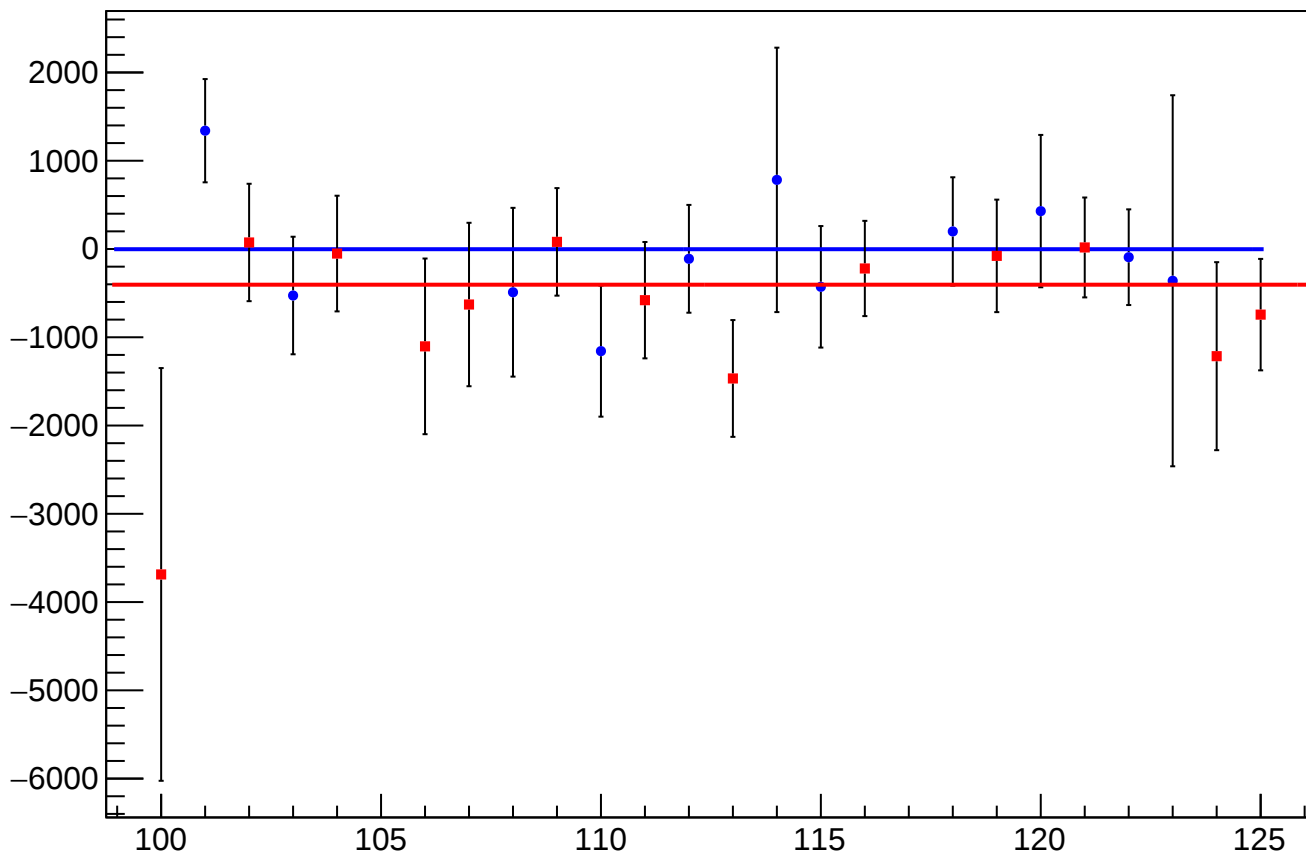
Right: 29.190 $\pm$ 0.007 χ^2 /NDF: 877687.0/23

In: 29.136 $\pm$ 0.011 χ^2 /NDF:402701.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 29.190 $\pm$ 0.007 χ^2 /NDF: 877687.0/23

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: -2.308+/-218.467 χ^2 /NDF: 9.7/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -404.392+/-193.741 χ^2 /NDF: 8.4/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

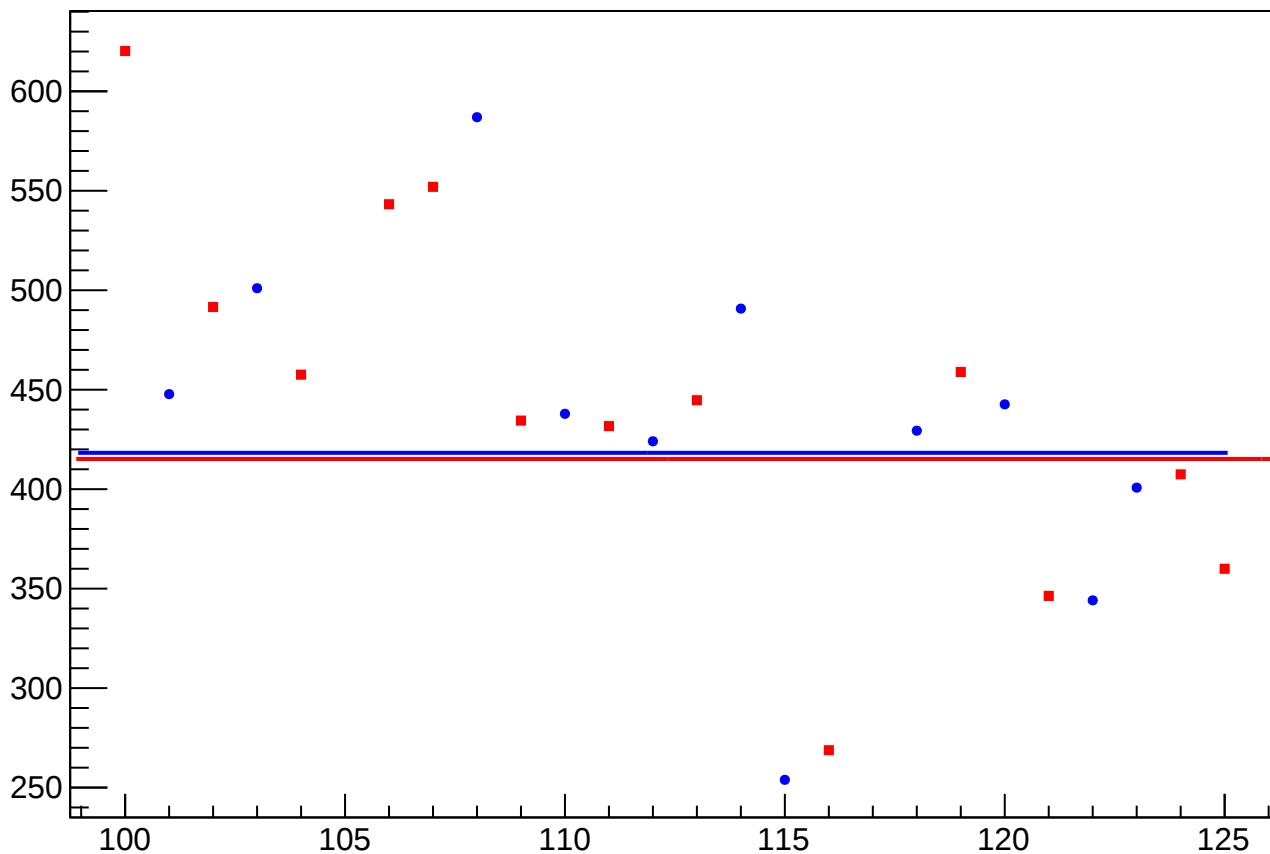
Right: -227.382+/-144.953 χ^2 /NDF: 20.0/23

In: -2.308+/-218.467 χ^2 /NDF:9.7/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -227.382+/-144.953 χ^2 /NDF: 20.0/23

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 418.269+/-0.154 χ^2/NDF : 258403.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 415.172+/-0.137 χ^2/NDF : 335899.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

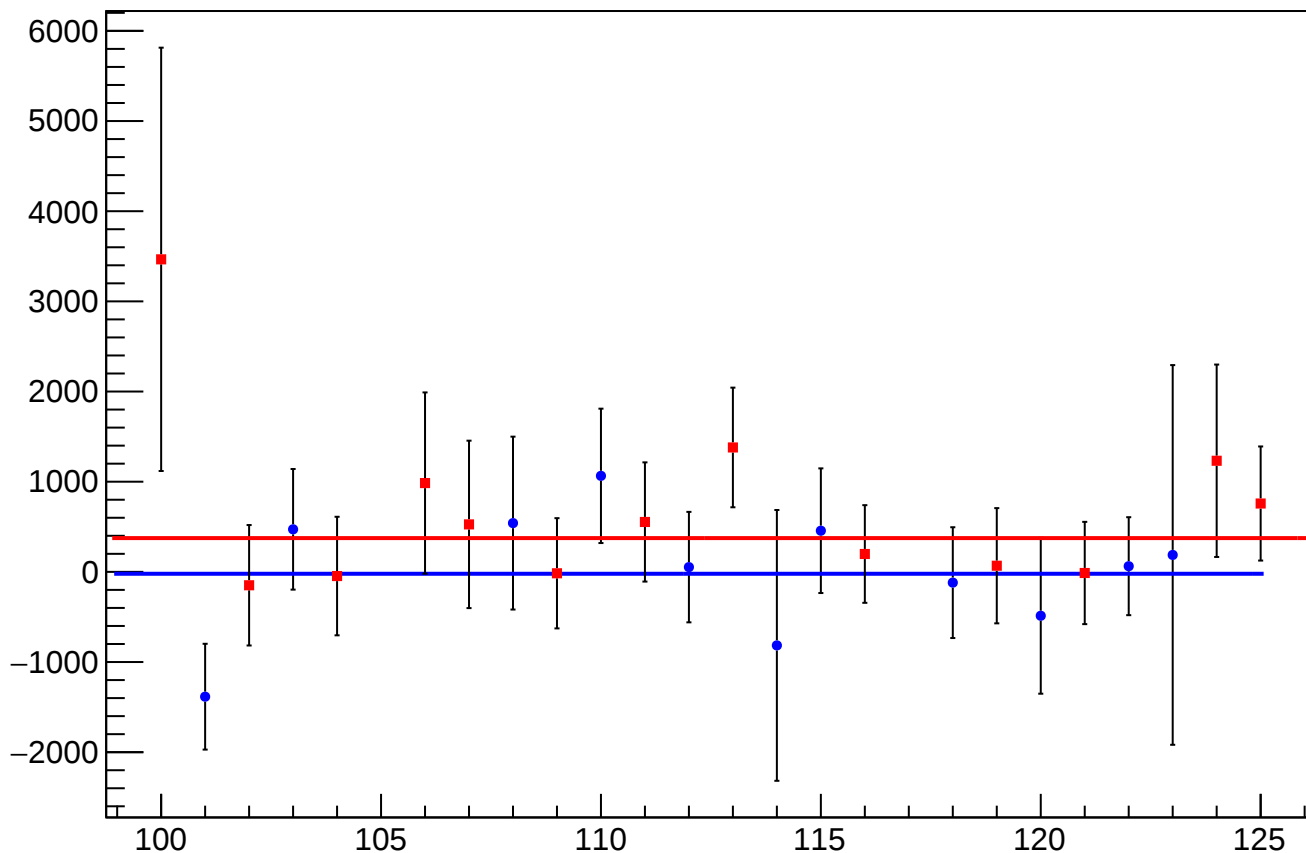
Right: 416.535+/-0.102 χ^2/NDF : 594527.7/23

In: 418.269+/-0.154 χ^2/NDF :258403.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 416.535+/-0.102 χ^2/NDF : 594527.7/23

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -21.069+/-219.098 χ^2/NDF : 9.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 374.505+/-194.382 χ^2/NDF : 7.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

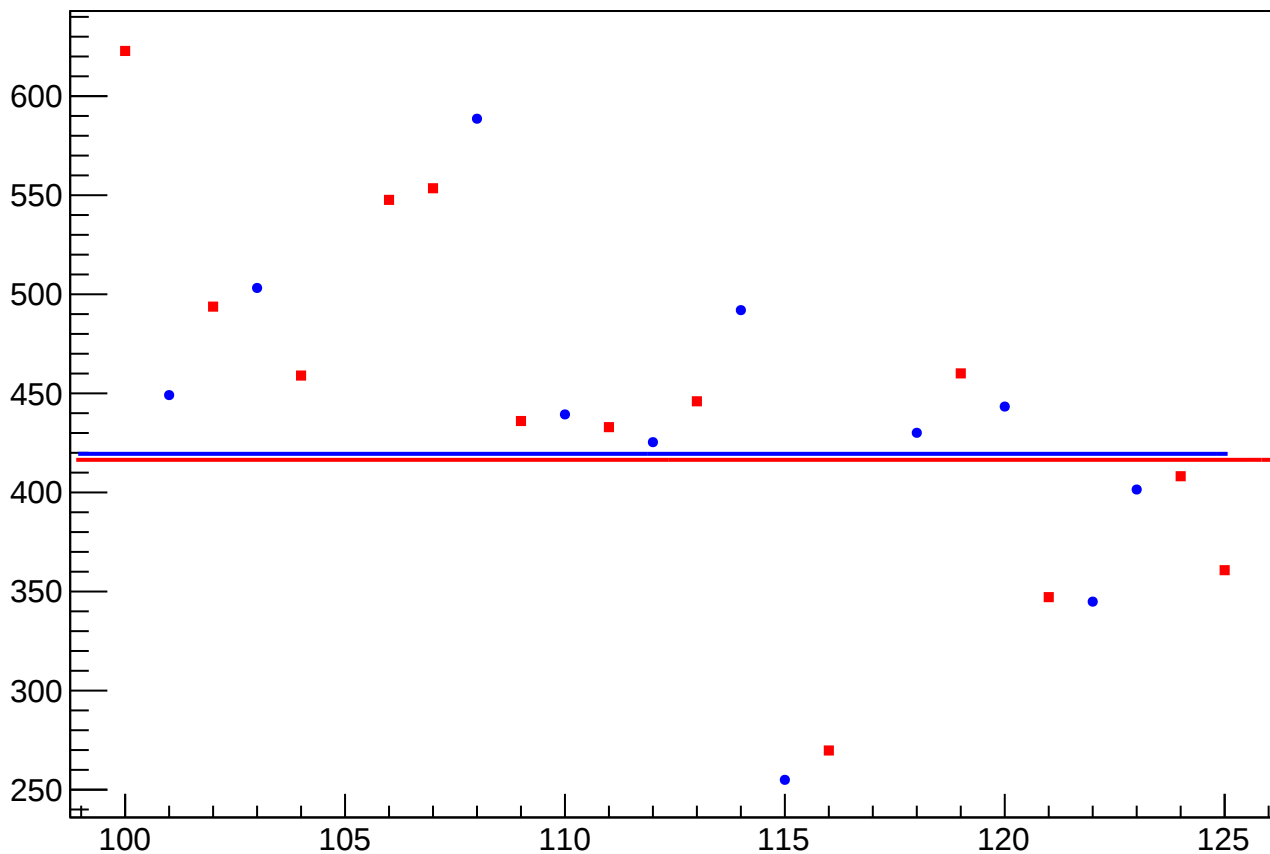
Right: 200.280+/-145.405 χ^2/NDF : 19.1/23

In: -21.069+/-219.098 χ^2/NDF : 9.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 200.280+/-145.405 χ^2/NDF : 19.1/23

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 419.487+/-0.155 χ^2/NDF : 258199.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 416.464+/-0.137 χ^2/NDF : 337050.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

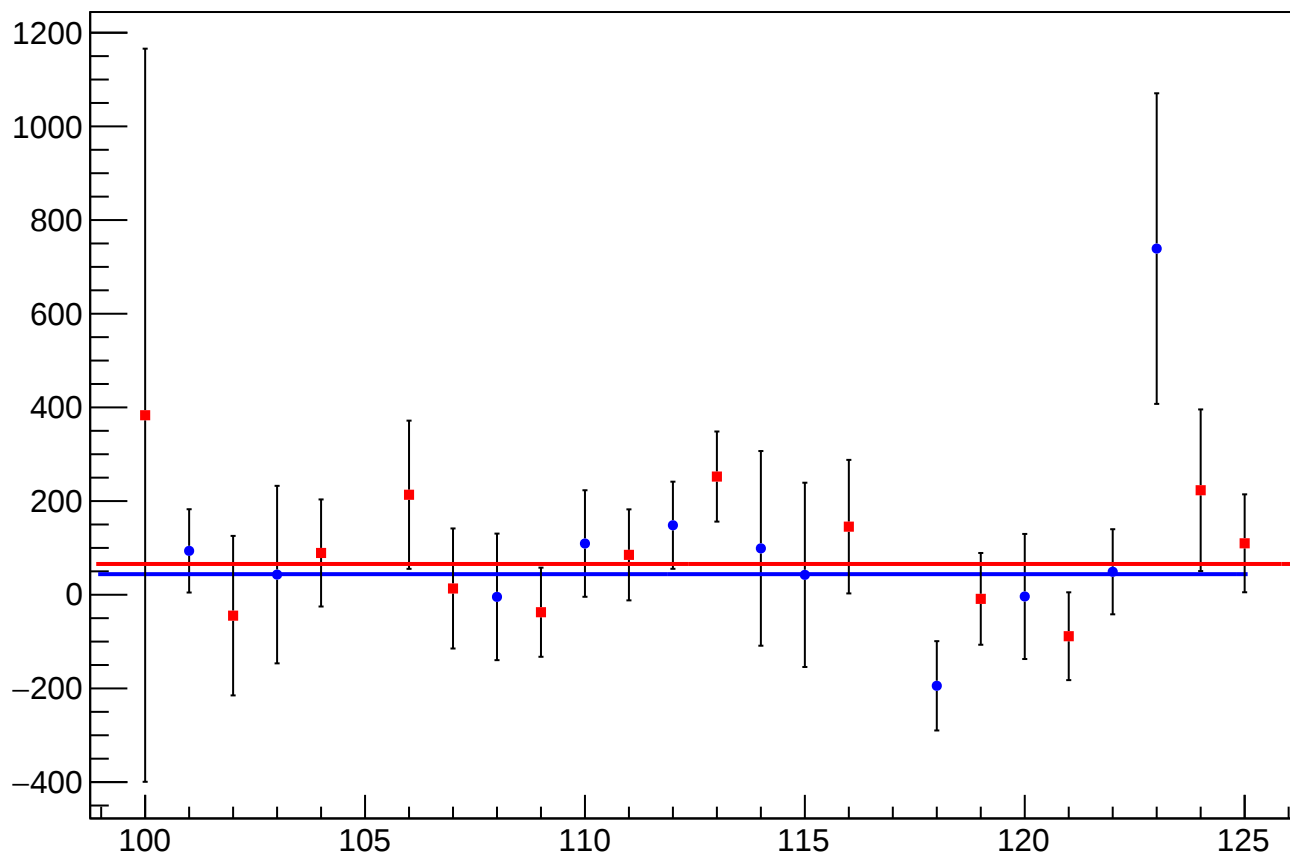
Right: 417.795+/-0.103 χ^2/NDF : 595462.9/23

In: 419.487+/-0.155 χ^2/NDF : 258199.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 417.795+/-0.103 χ^2/NDF : 595462.9/23

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 43.976+/-36.581 χ^2/NDF : 12.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 65.720+/-32.788 χ^2/NDF : 11.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

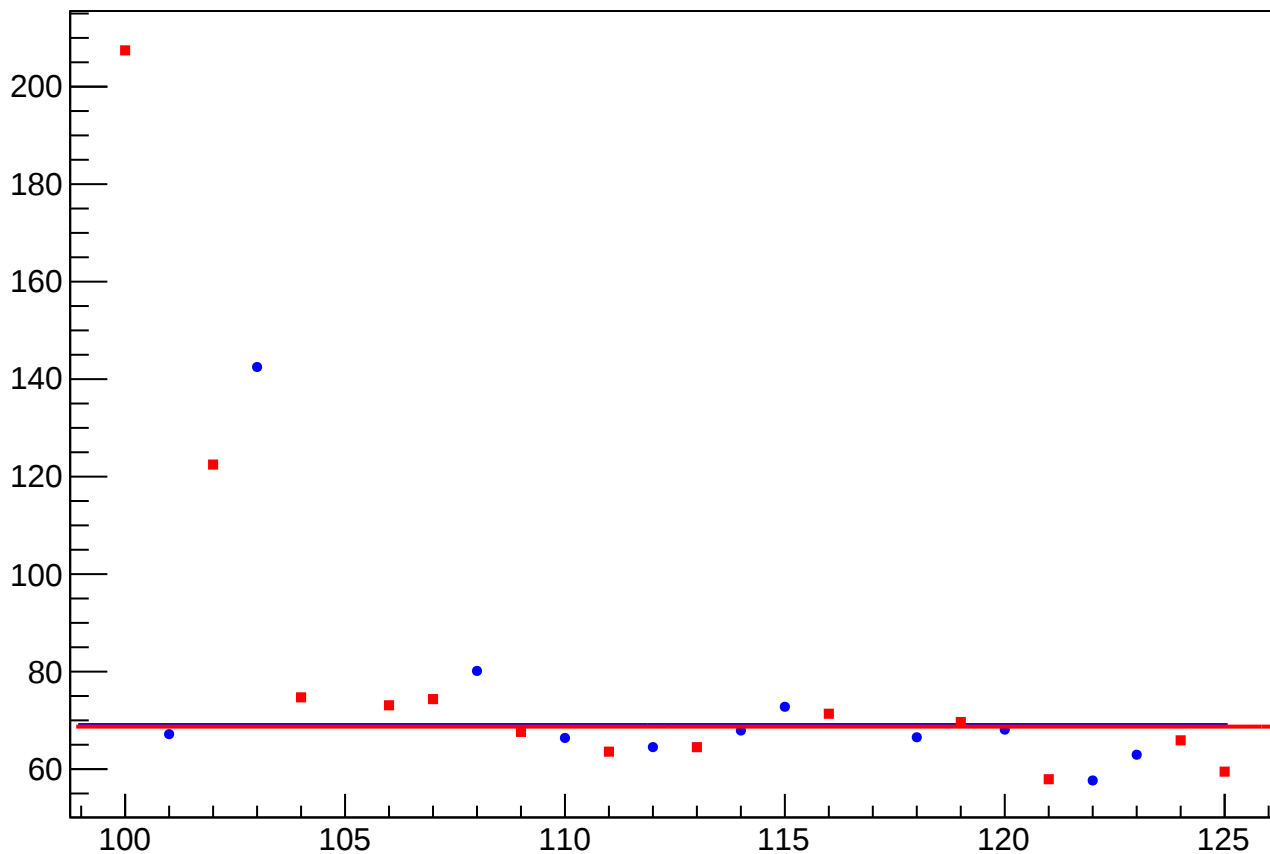
Right: 56.033+/-24.416 χ^2/NDF : 24.3/23

In: 43.976+/-36.581 χ^2/NDF :12.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 56.033+/-24.416 χ^2/NDF : 24.3/23

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 69.041+/-0.026 χ^2/NDF : 354970.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.718+/-0.023 χ^2/NDF : 326365.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

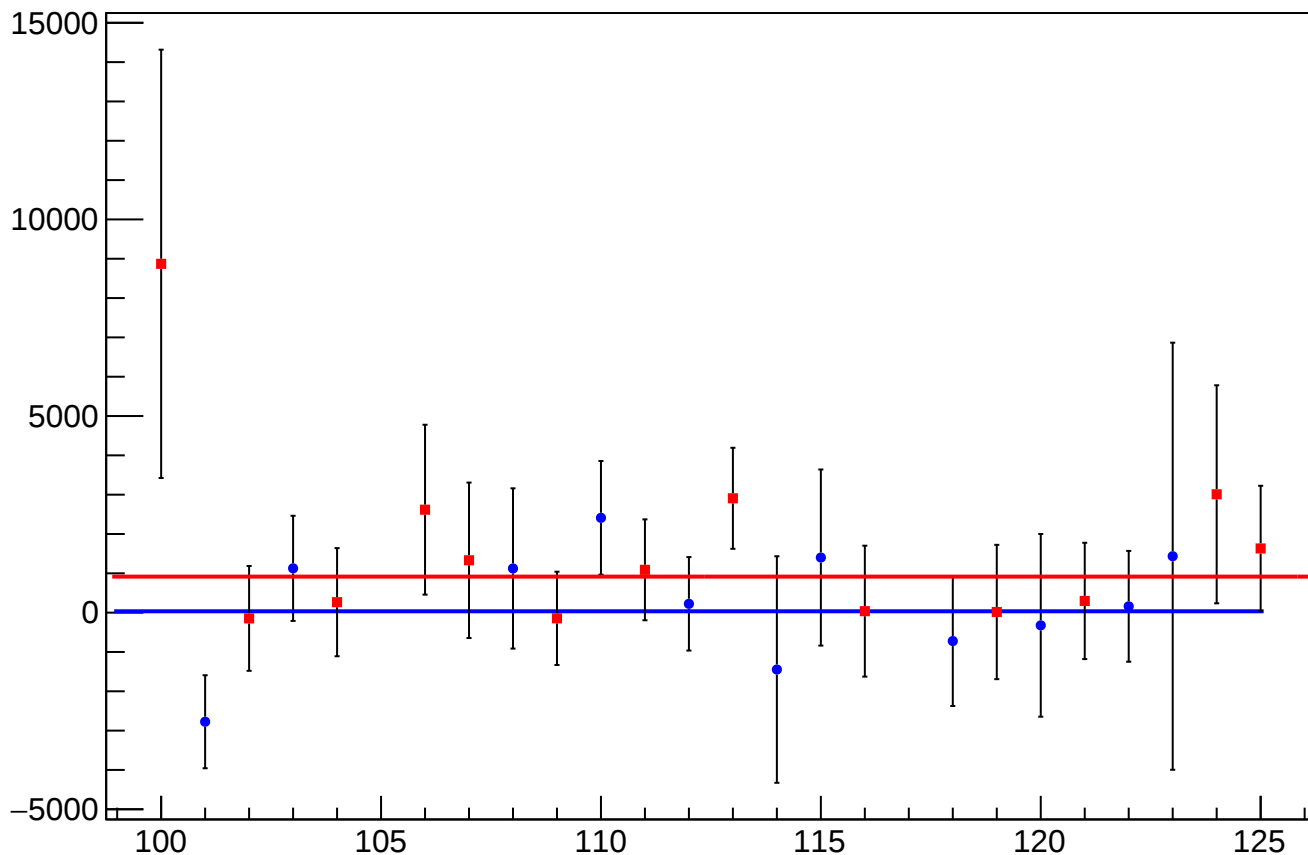
Right: 68.862+/-0.017 χ^2/NDF : 681422.2/23

In: 69.041+/-0.026 χ^2/NDF : 354970.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.862+/-0.017 χ^2/NDF : 681422.2/23

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: 34.655+/-493.205 χ^2/NDF : 10.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 916.523+/-438.352 χ^2/NDF : 8.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

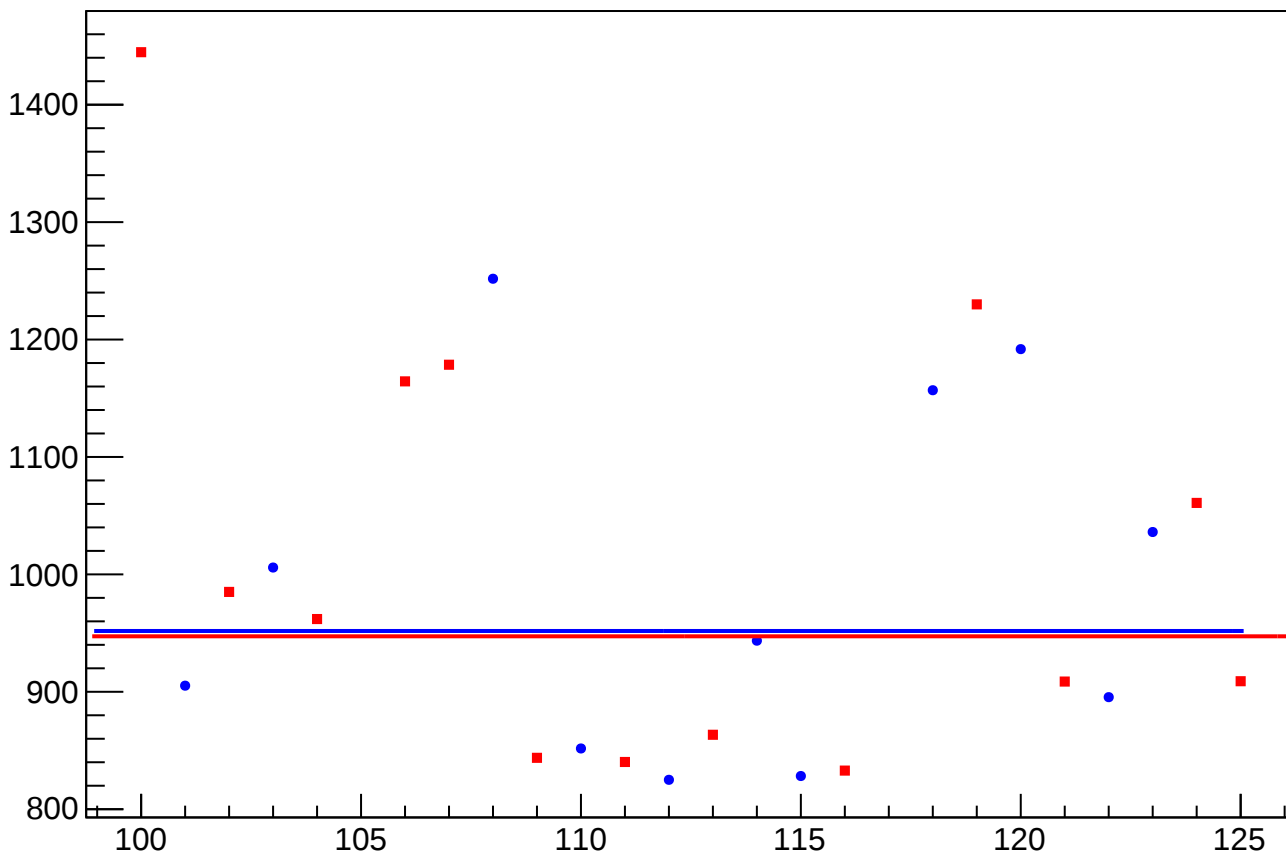
Right: 527.337+/-327.646 χ^2/NDF : 20.4/23

In: 34.655+/-493.205 χ^2/NDF : 10.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 527.337+/-327.646 χ^2/NDF : 20.4/23

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 951.795+/-0.349 χ^2/NDF : 144014.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 947.251+/-0.310 χ^2/NDF : 173875.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

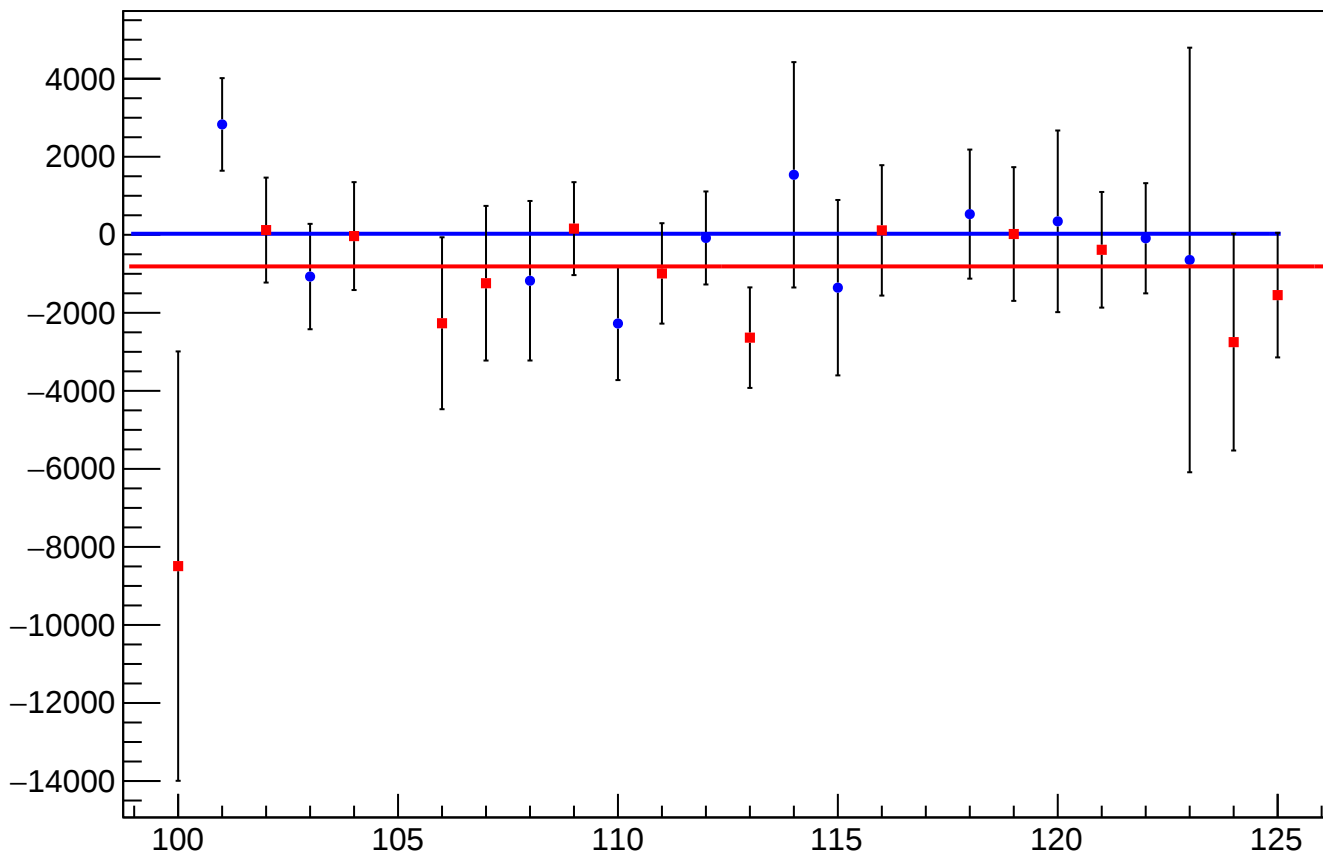
Right: 949.256+/-0.232 χ^2/NDF : 317984.1/23

In: 951.795+/-0.349 χ^2/NDF : 144014.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 949.256+/-0.232 χ^2/NDF : 317984.1/23

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 26.411+/-495.085 χ^2/NDF : 9.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -810.515+/-440.383 χ^2/NDF : 7.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

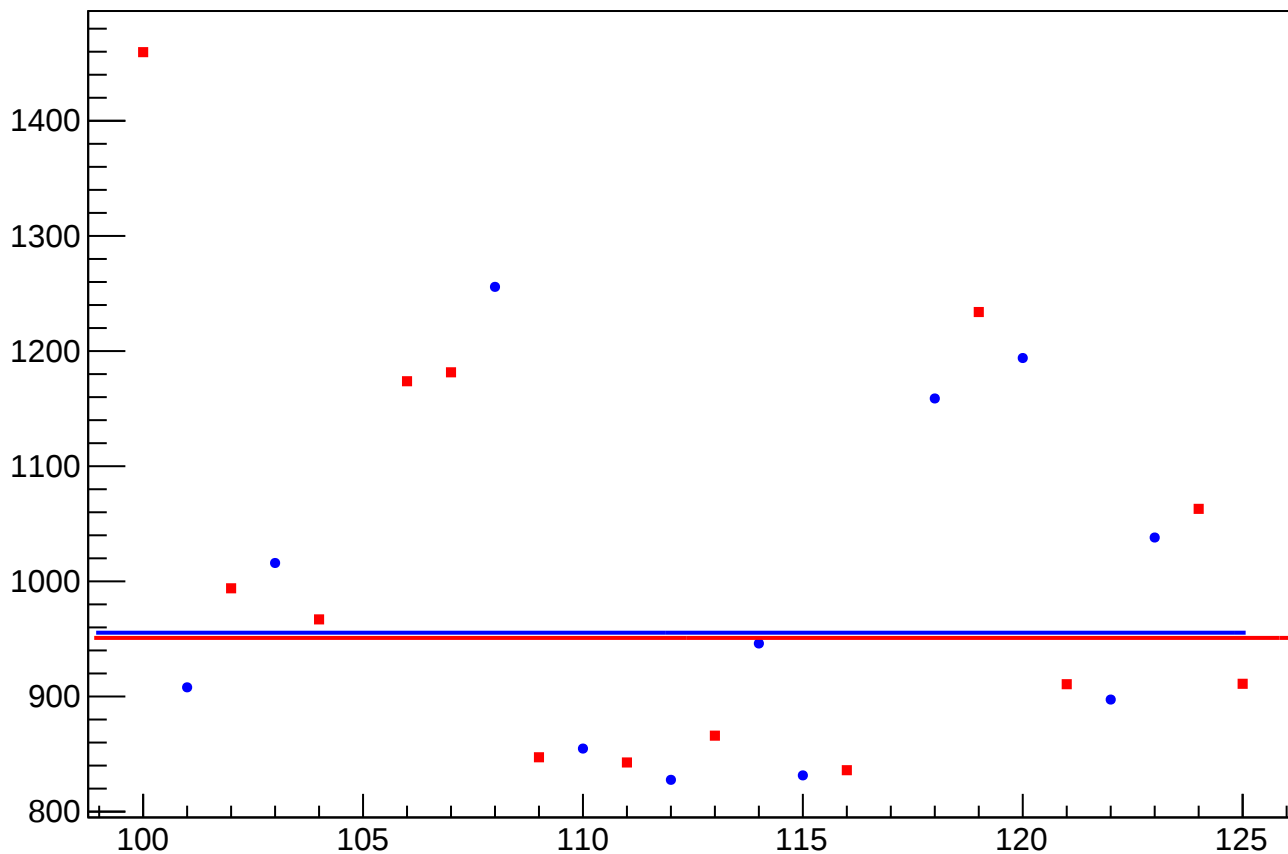
Right: -440.825+/-329.045 χ^2/NDF : 18.7/23

In: 26.411+/-495.085 χ^2/NDF : 9.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -440.825+/-329.045 χ^2/NDF : 18.7/23

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 955.408+/-0.350 χ^2/NDF : 144194.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 950.885+/-0.311 χ^2/NDF : 174954.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

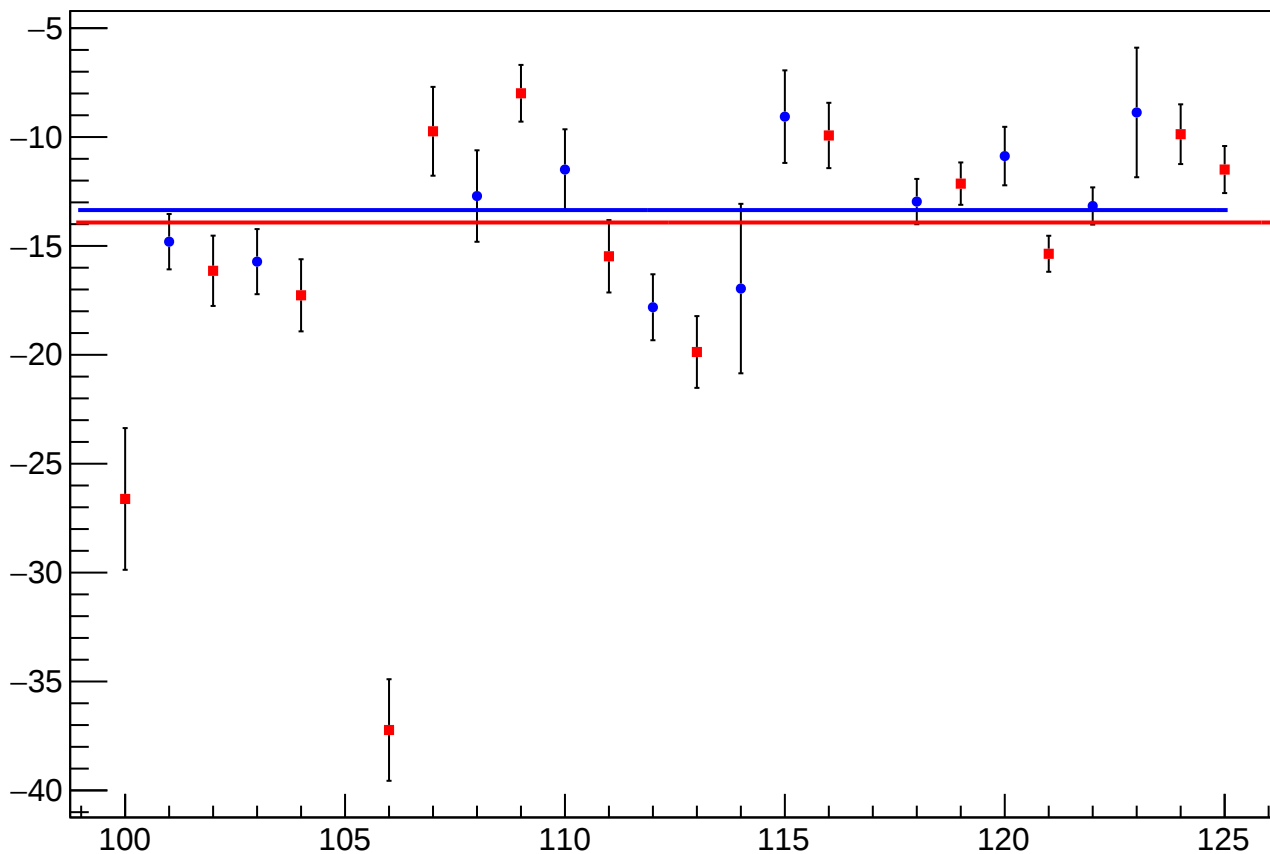
Right: 952.883+/-0.233 χ^2/NDF : 319241.8/23

In: 955.408+/-0.350 χ^2/NDF : 144194.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 952.883+/-0.233 χ^2/NDF : 319241.8/23

reg_asym_sam1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -13.354 $\pm$ 0.436 χ^2 /NDF: 24.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -13.924 $\pm$ 0.380 χ^2 /NDF: 187.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

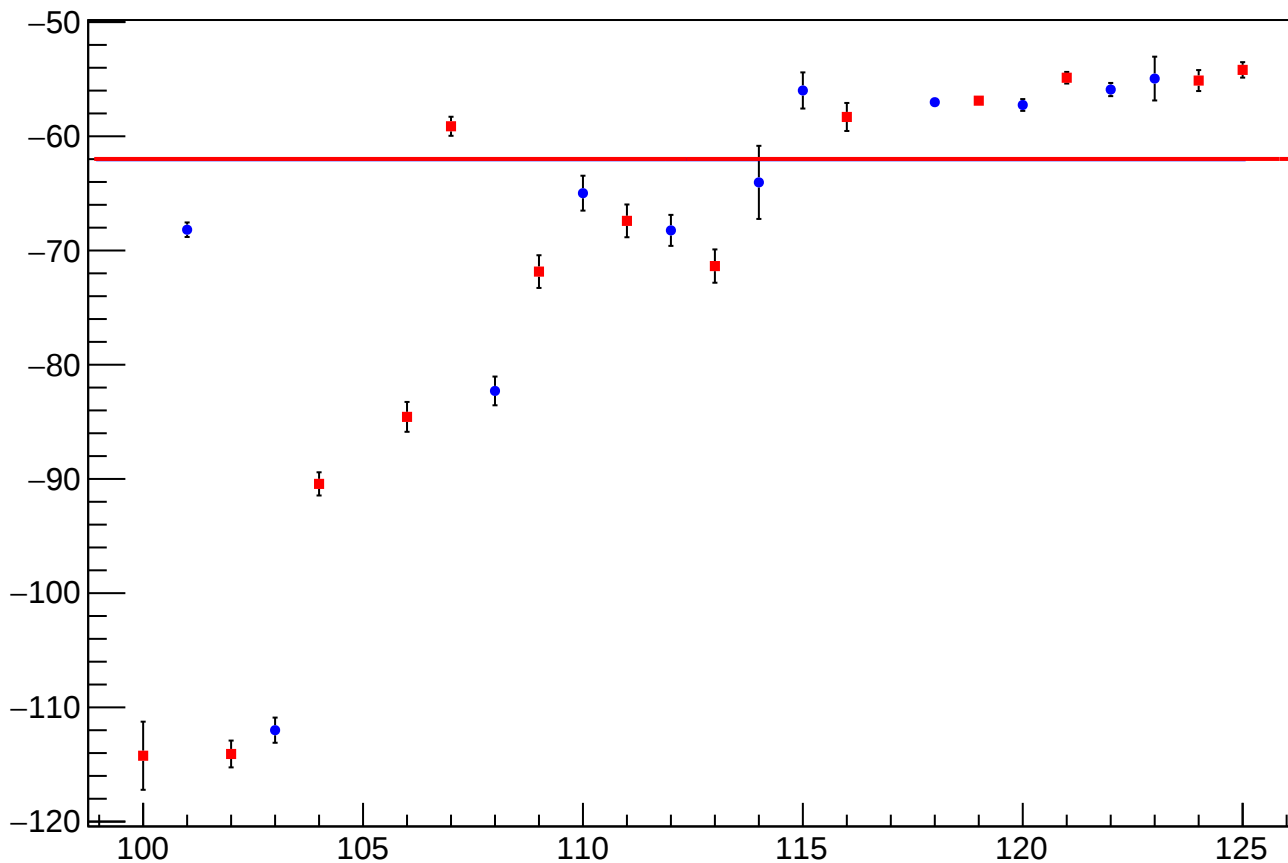
Right: -13.678 $\pm$ 0.286 χ^2 /NDF: 212.6/23

In: -13.354 $\pm$ 0.436 χ^2 /NDF: 24.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -13.678 $\pm$ 0.286 χ^2 /NDF: 212.6/23

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -62.012 $\pm$ 0.229 χ^2 /NDF: 2828.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -61.984 $\pm$ 0.221 χ^2 /NDF: 4056.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

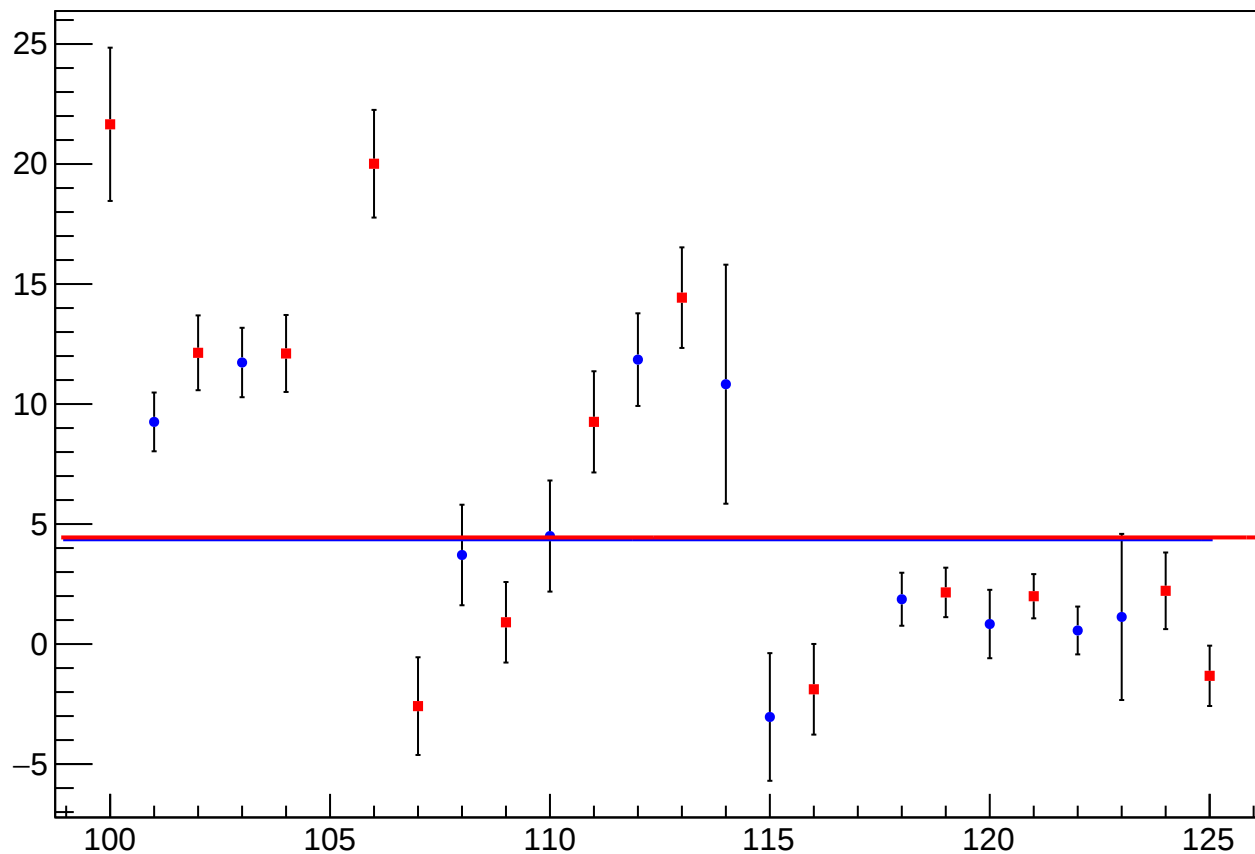
Right: -61.998 $\pm$ 0.159 χ^2 /NDF: 6884.2/23

In: -62.012 $\pm$ 0.229 χ^2 /NDF:2828.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -61.998 $\pm$ 0.159 χ^2 /NDF: 6884.2/23

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 4.365+/-0.476 χ^2/NDF : 93.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.442+/-0.424 χ^2/NDF : 215.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

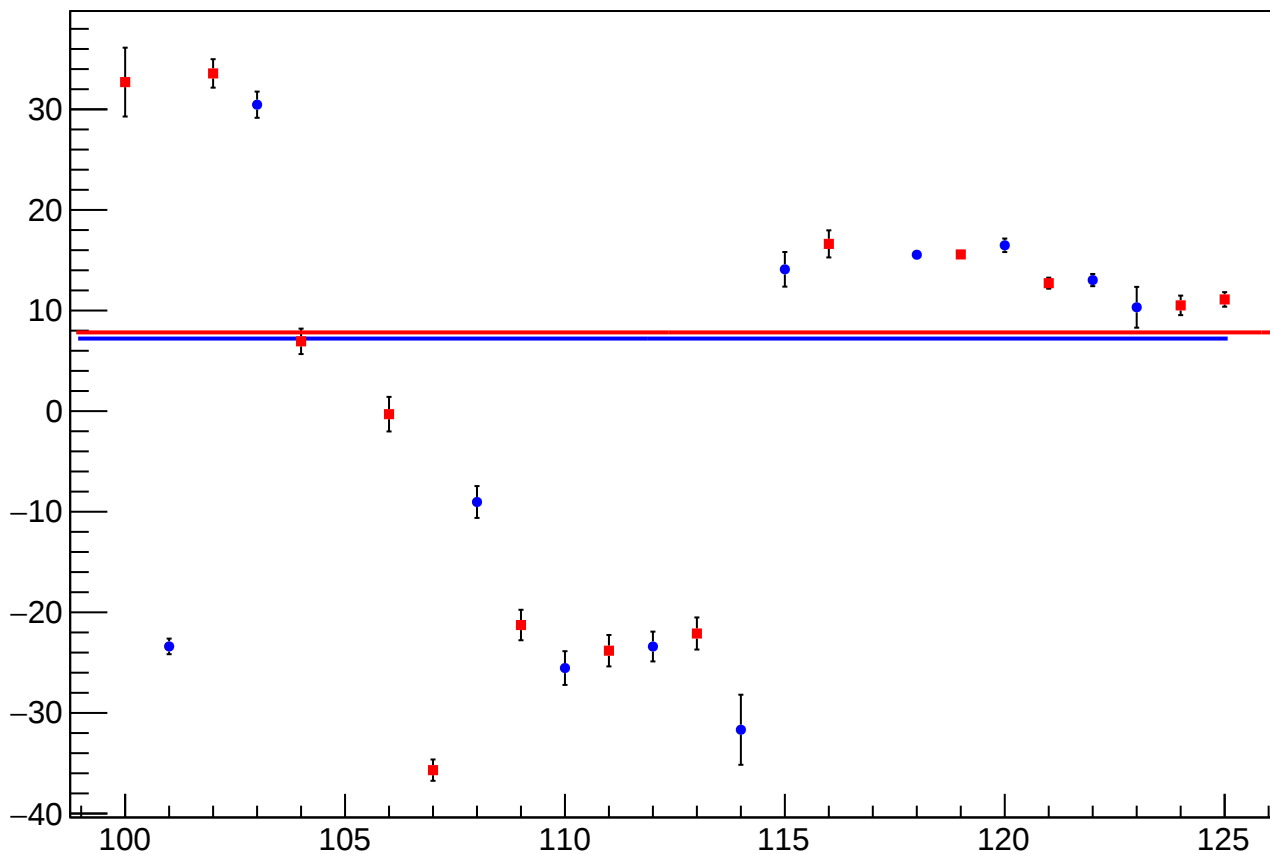
Right: 4.408+/-0.316 χ^2/NDF : 308.1/23

In: 4.365+/-0.476 χ^2/NDF : 93.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.408+/-0.316 χ^2/NDF : 308.1/23

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.213+/-0.277 χ^2/NDF : 3490.1/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 7.825+/-0.259 χ^2/NDF : 3640.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

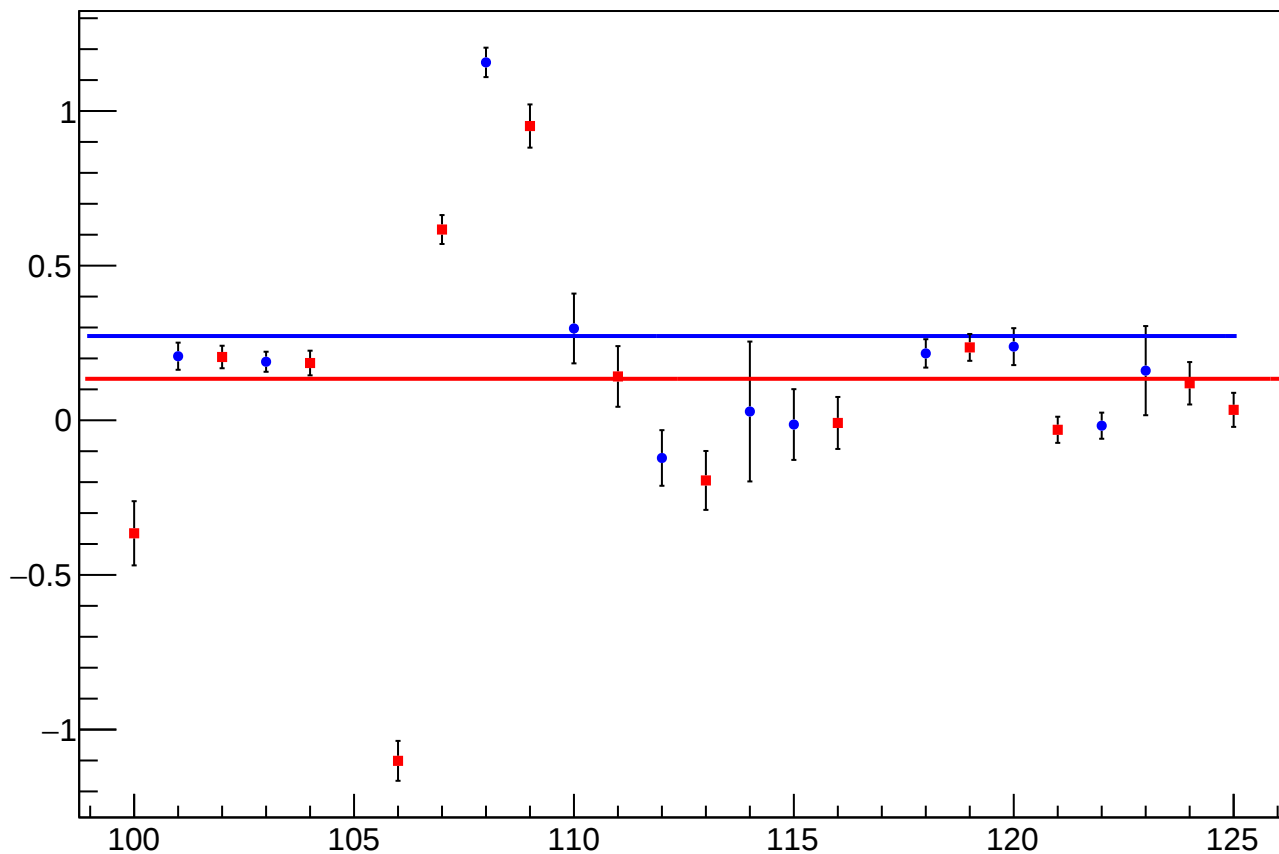
Right: 7.540+/-0.189 χ^2/NDF : 7133.5/23

In: 7.213+/-0.277 χ^2/NDF :3490.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7.540+/-0.189 χ^2/NDF : 7133.5/23

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.272 $\pm$ 0.017 χ^2 /NDF: 430.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.134 $\pm$ 0.015 χ^2 /NDF: 677.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

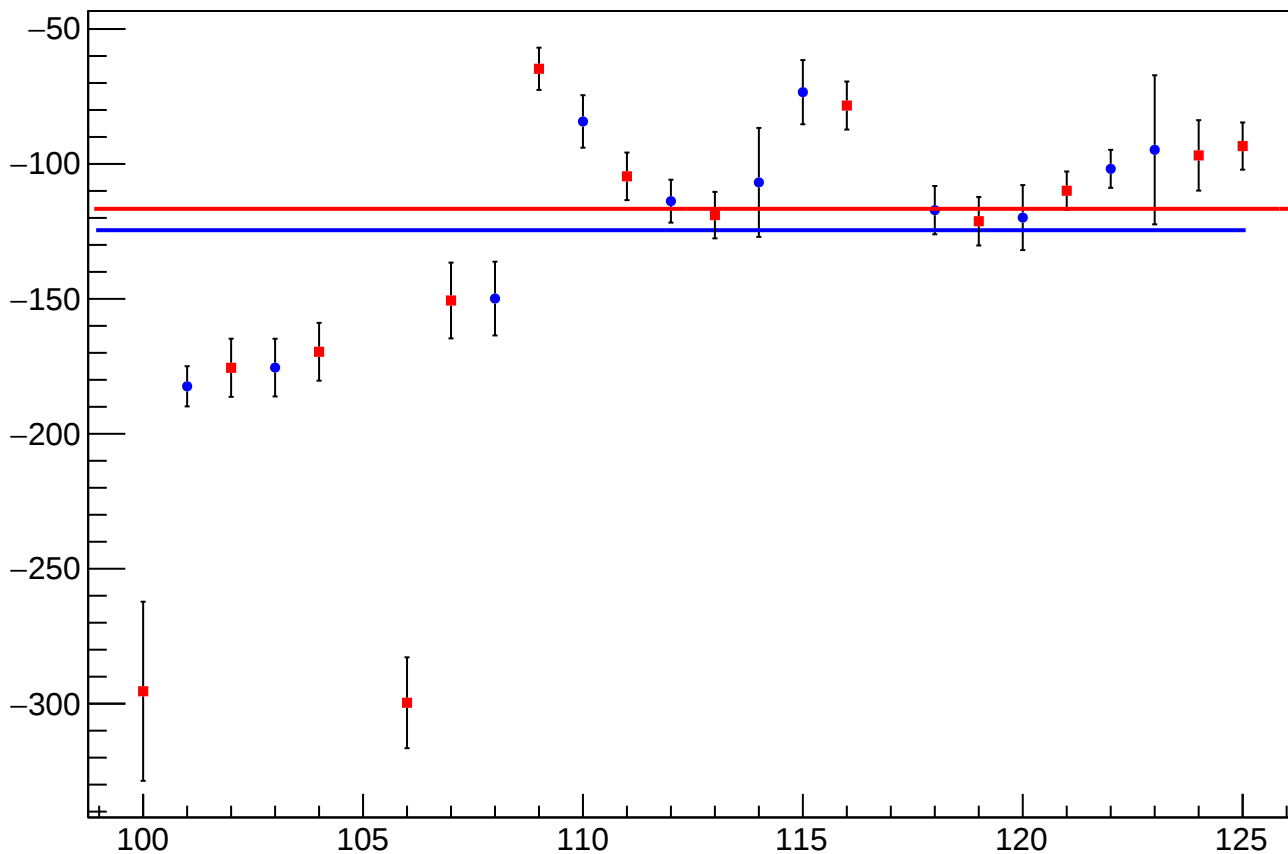
Right: 0.196 $\pm$ 0.011 χ^2 /NDF: 1145.8/23

In: 0.272 $\pm$ 0.017 χ^2 /NDF:430.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.196 $\pm$ 0.011 χ^2 /NDF: 1145.8/23

reg_asym_sam2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -124.553+/-3.029 χ^2/NDF : 137.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -116.630+/-2.741 χ^2/NDF : 282.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

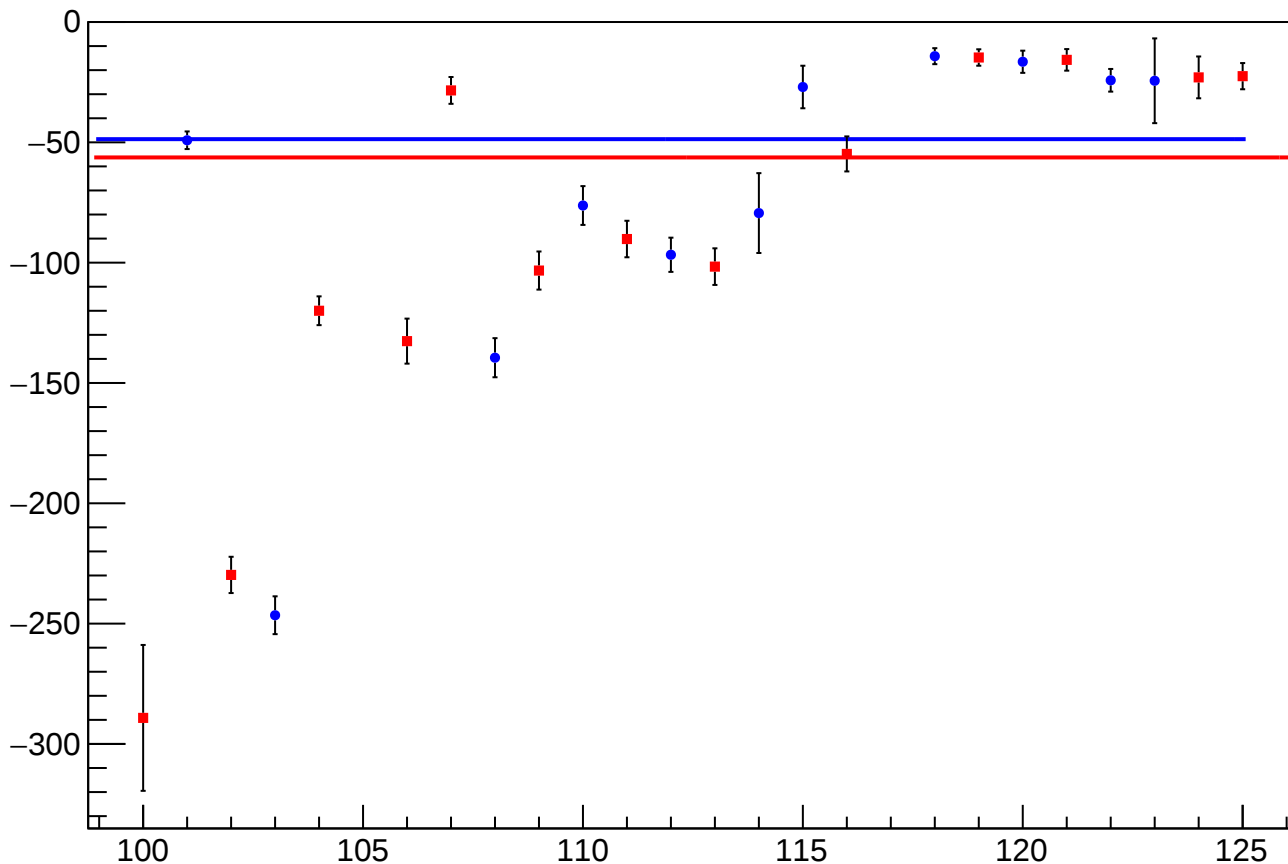
Right: -120.196+/-2.032 χ^2/NDF : 423.2/23

In: -124.553+/-3.029 χ^2/NDF : 137.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -120.196+/-2.032 χ^2/NDF : 423.2/23

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -48.680+/-1.706 χ^2/NDF : 1010.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -56.276+/-1.709 χ^2/NDF : 1167.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

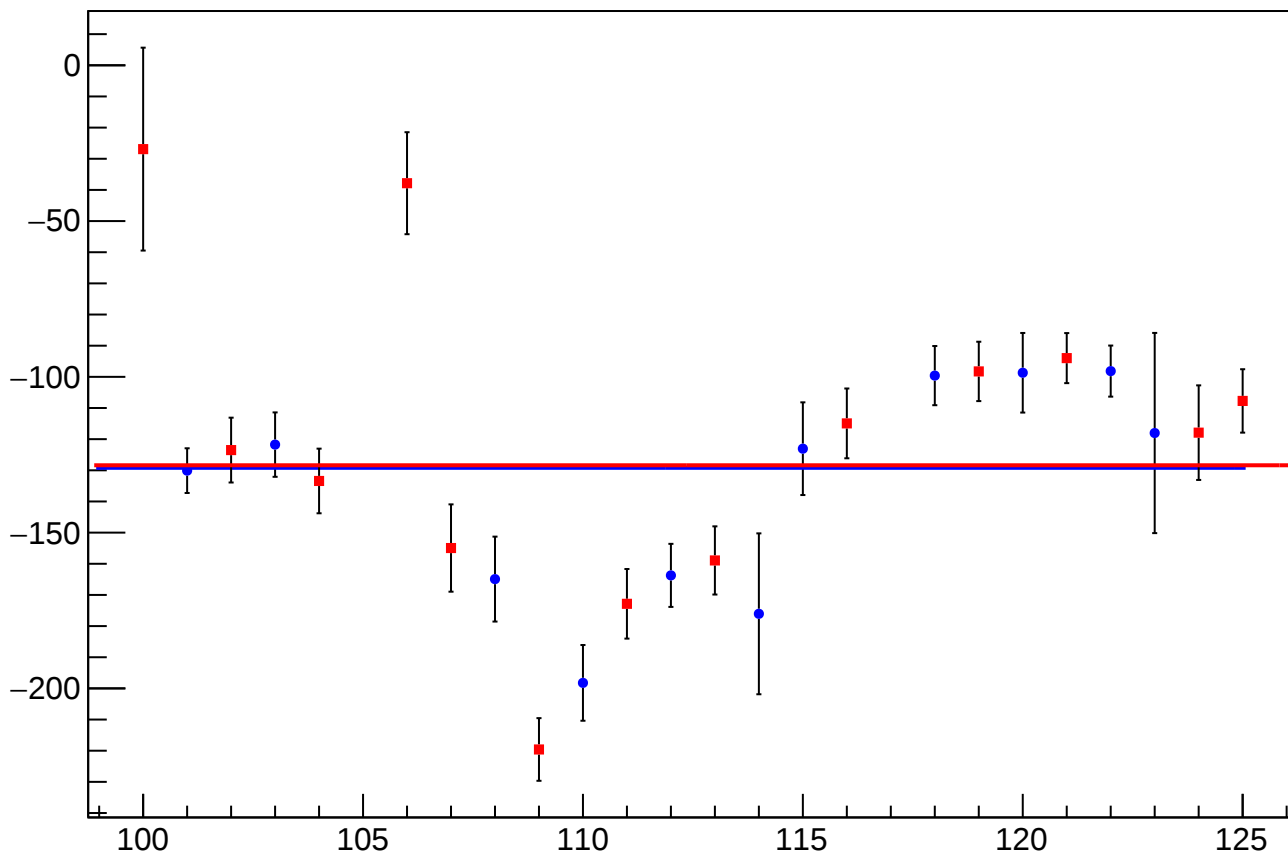
Right: -52.471+/-1.207 χ^2/NDF : 2188.4/23

In: -48.680+/-1.706 χ^2/NDF : 1010.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.471+/-1.207 χ^2/NDF : 2188.4/23

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -129.192 ± 3.337 χ^2/NDF : 84.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -128.383 ± 3.115 χ^2/NDF : 184.6/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

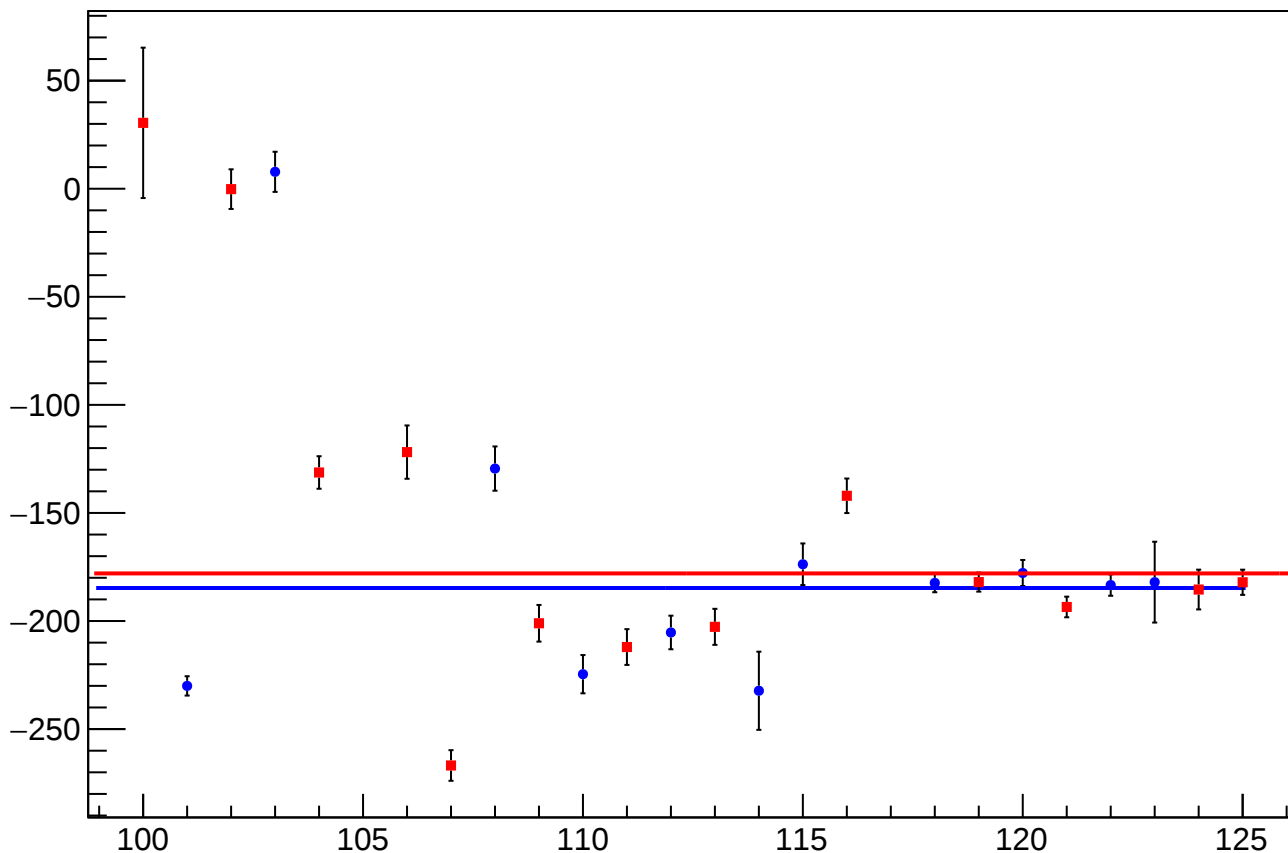
Right: -128.760 ± 2.277 χ^2/NDF : 269.3/23

In: -129.192 ± 3.337 χ^2/NDF : 84.6/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -128.760 ± 2.277 χ^2/NDF : 269.3/23

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -184.726 ± 2.047 χ^2/NDF : 599.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -177.979 ± 1.991 χ^2/NDF : 693.7/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

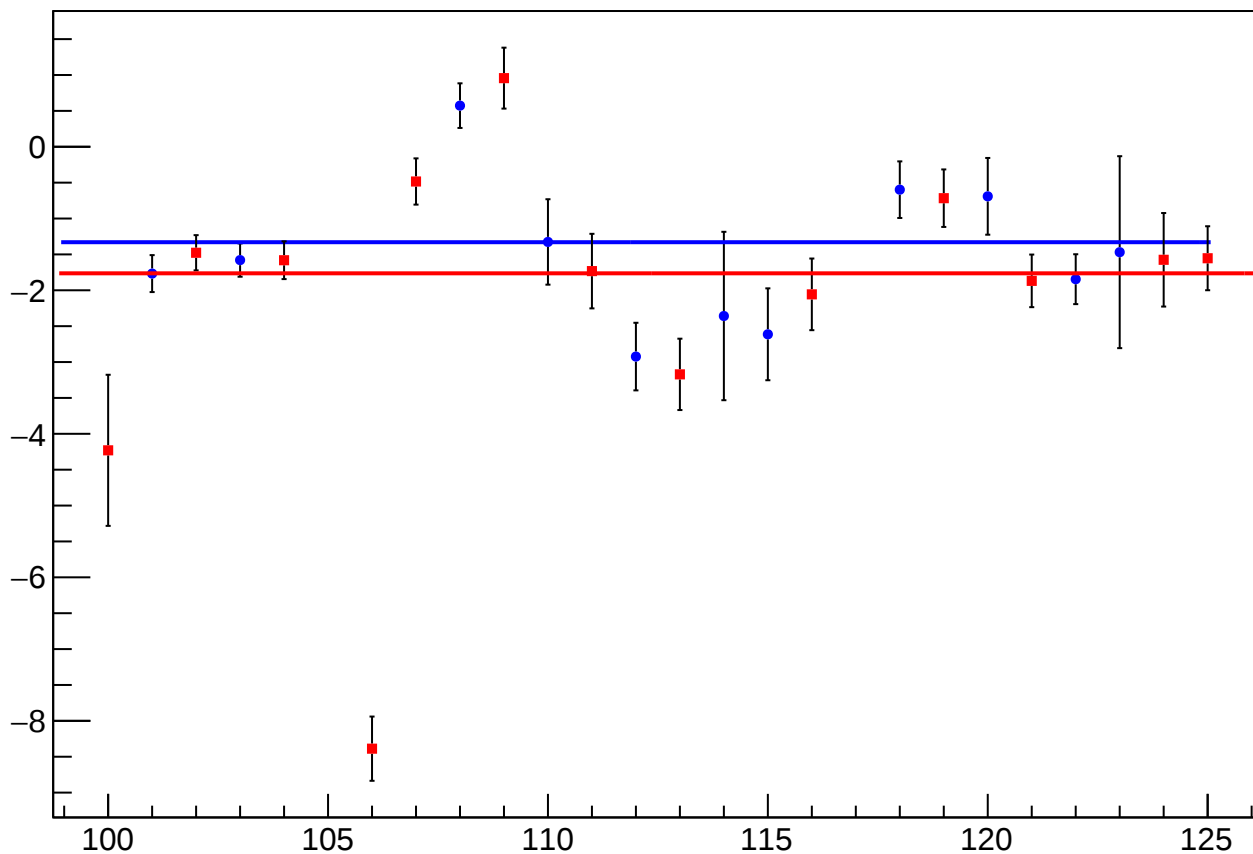
Right: -181.259 ± 1.427 χ^2/NDF : 1298.6/23

In: -184.726 ± 2.047 χ^2/NDF : 599.2/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -181.259 ± 1.427 χ^2/NDF : 1298.6/23

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.330 $\pm$ 0.117 χ^2 /NDF: 64.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.764 $\pm$ 0.108 χ^2 /NDF: 298.8/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

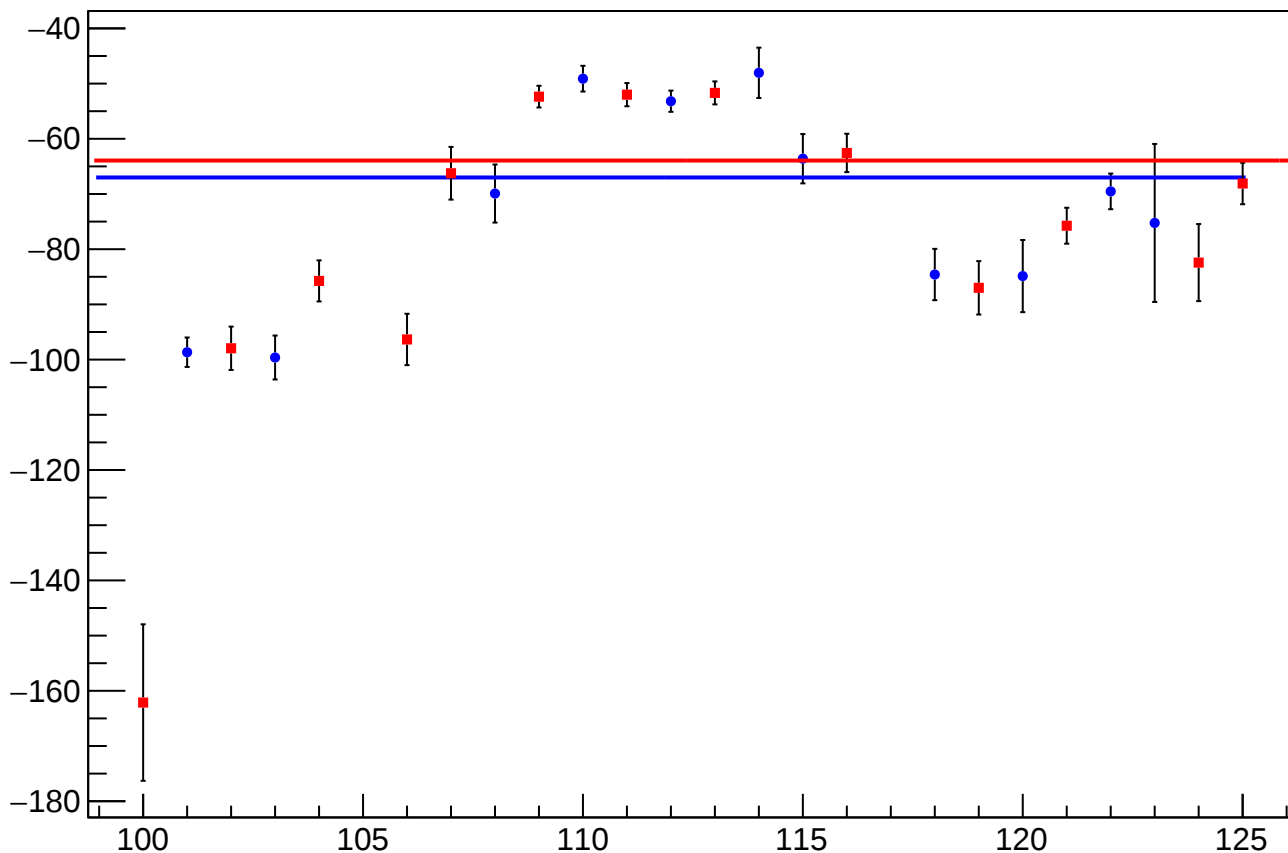
Right: -1.563 $\pm$ 0.079 χ^2 /NDF: 371.0/23

In: -1.330 $\pm$ 0.117 χ^2 /NDF:64.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.563 $\pm$ 0.079 χ^2 /NDF: 371.0/23

reg_asym_sam3_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -67.008+/-1.019 χ^2/NDF : 359.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -63.939+/-0.891 χ^2/NDF : 352.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

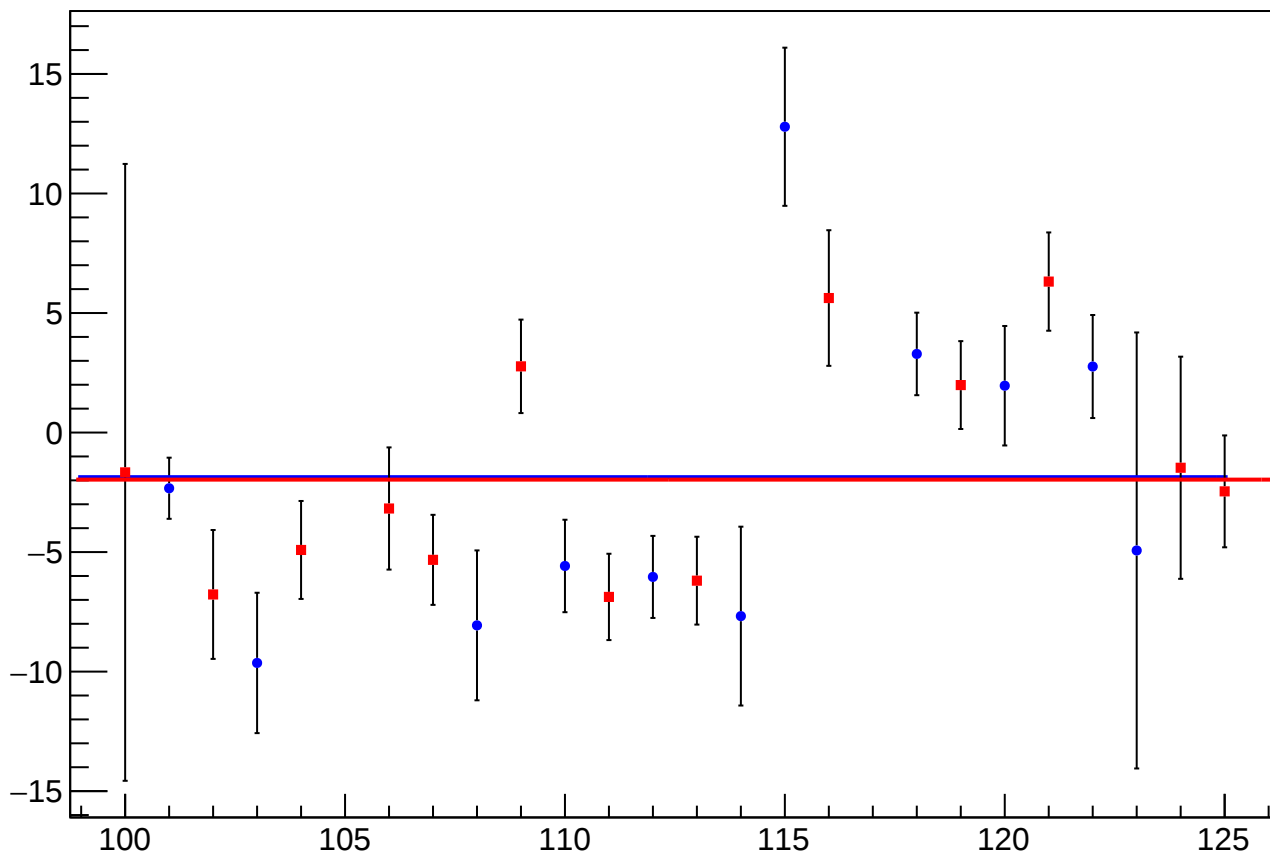
Right: -65.269+/-0.671 χ^2/NDF : 716.9/23

In: -67.008+/-1.019 χ^2/NDF : 359.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.269+/-0.671 χ^2/NDF : 716.9/23

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.866+/-0.656 χ^2/NDF : 58.7/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.969+/-0.624 χ^2/NDF : 55.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

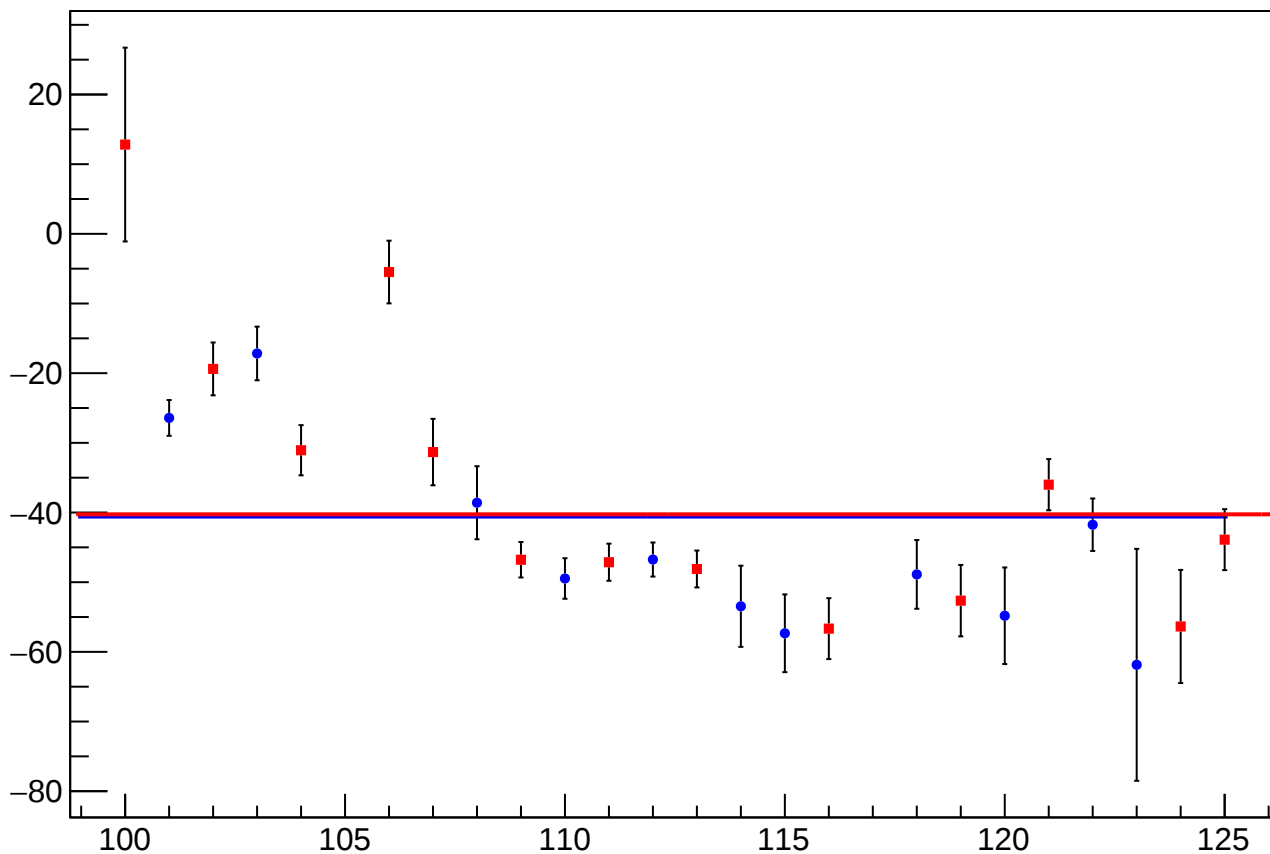
Right: -1.920+/-0.452 χ^2/NDF : 114.0/23

In: -1.866+/-0.656 χ^2/NDF :58.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.920+/-0.452 χ^2/NDF : 114.0/23

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -40.580+/-1.164 χ^2/NDF : 105.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.260+/-1.045 χ^2/NDF : 162.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

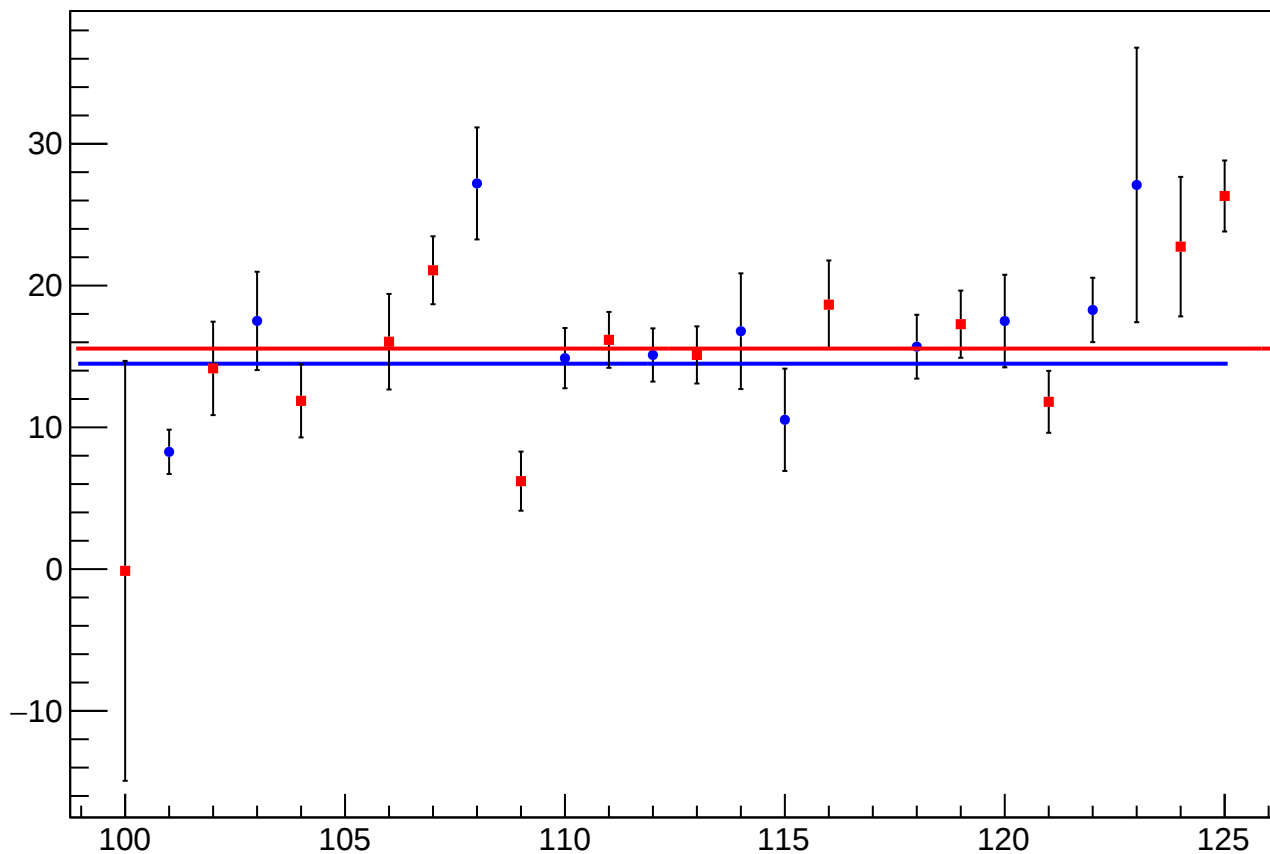
Right: -40.403+/-0.778 χ^2/NDF : 268.5/23

In: -40.580+/-1.164 χ^2/NDF : 105.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.403+/-0.778 χ^2/NDF : 268.5/23

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 14.490+/-0.768 χ^2/NDF : 34.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.556+/-0.719 χ^2/NDF : 54.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

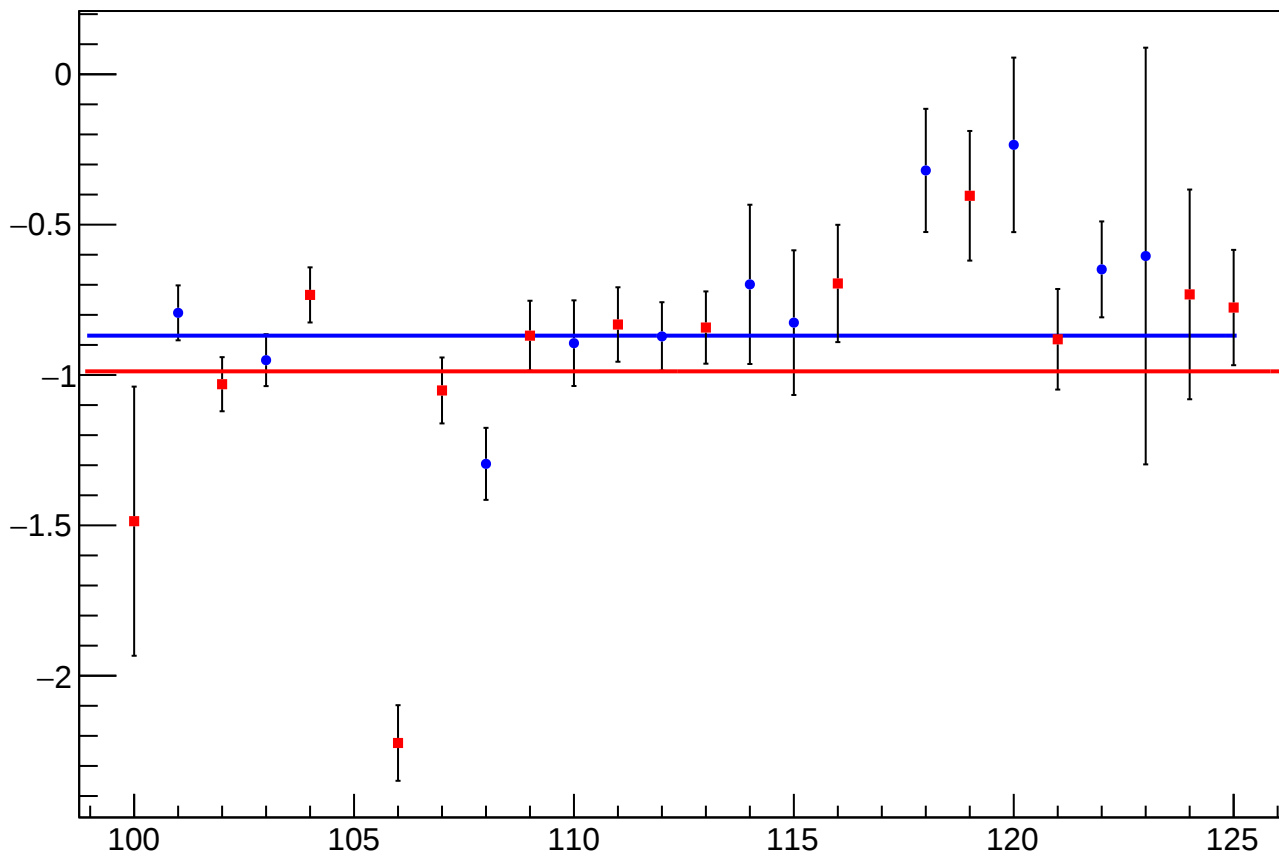
Right: 15.058+/-0.525 χ^2/NDF : 89.3/23

In: 14.490+/-0.768 χ^2/NDF : 34.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.058+/-0.525 χ^2/NDF : 89.3/23

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.869+/-0.042 χ^2/NDF : 28.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.988+/-0.037 χ^2/NDF : 122.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

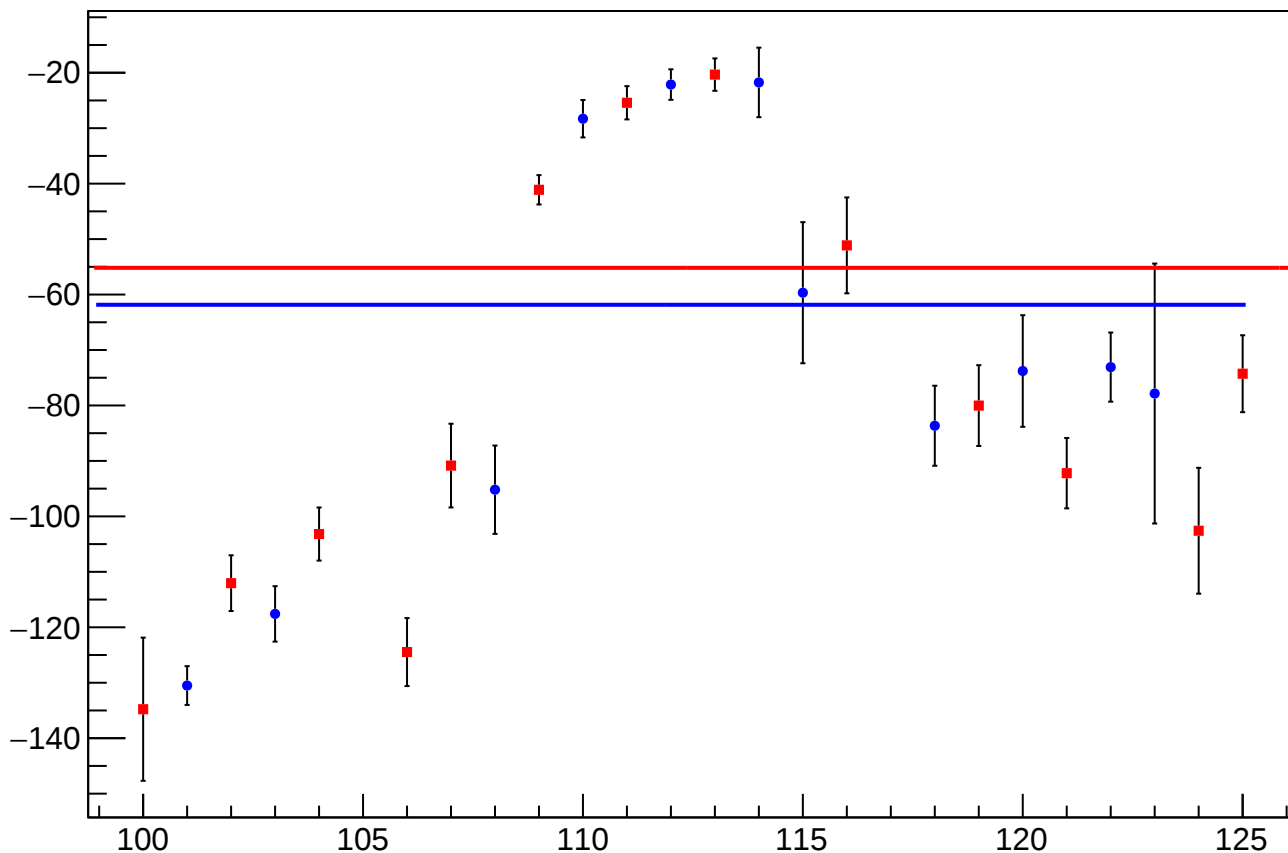
Right: -0.936+/-0.028 χ^2/NDF : 155.2/23

In: -0.869+/-0.042 χ^2/NDF : 28.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.936+/-0.028 χ^2/NDF : 155.2/23

reg_asym_sam4_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -61.843+/-1.498 χ^2/NDF : 889.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -55.176+/-1.302 χ^2/NDF : 756.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

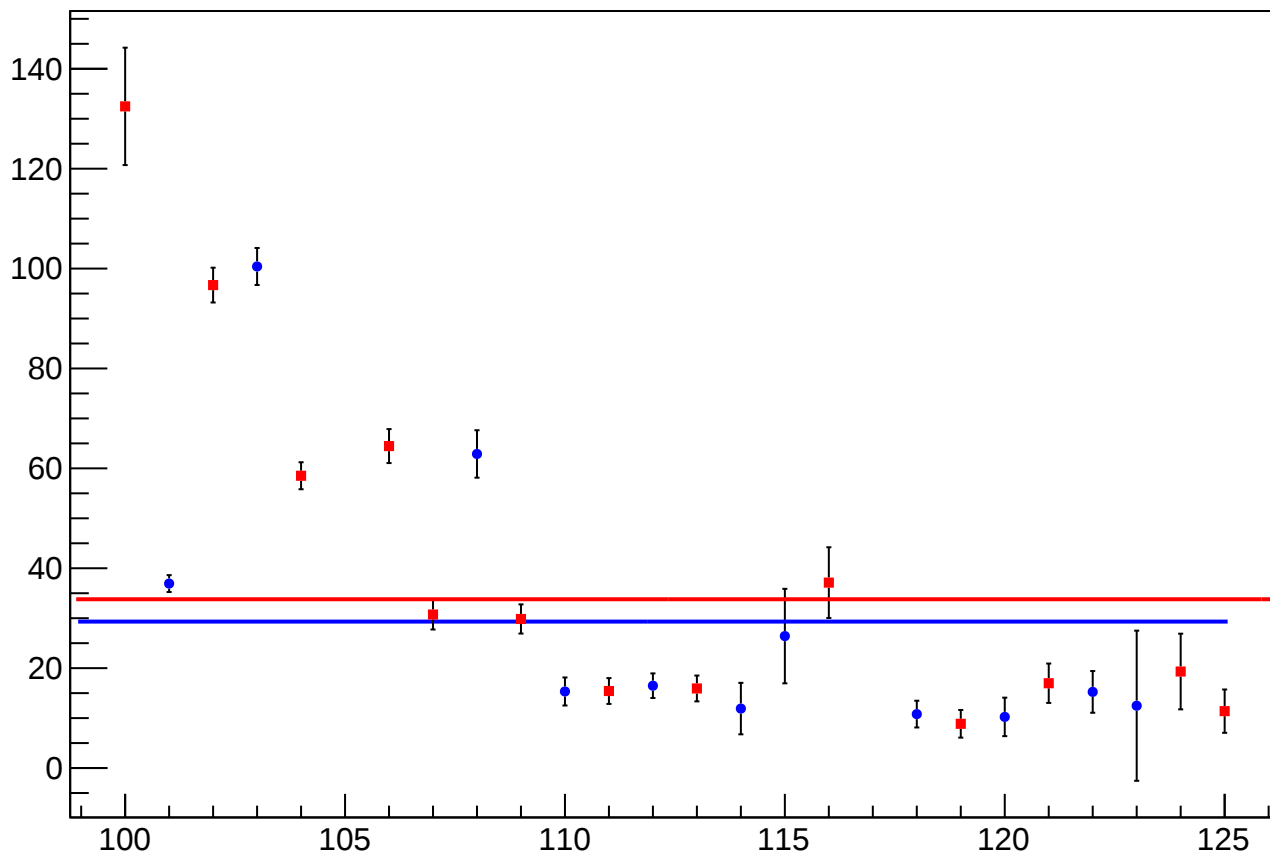
Right: -58.045+/-0.983 χ^2/NDF : 1657.6/23

In: -61.843+/-1.498 χ^2/NDF : 889.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -58.045+/-0.983 χ^2/NDF : 1657.6/23

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 29.322+/-0.964 χ^2 /NDF: 587.2/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 33.794+/-0.942 χ^2 /NDF: 792.5/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

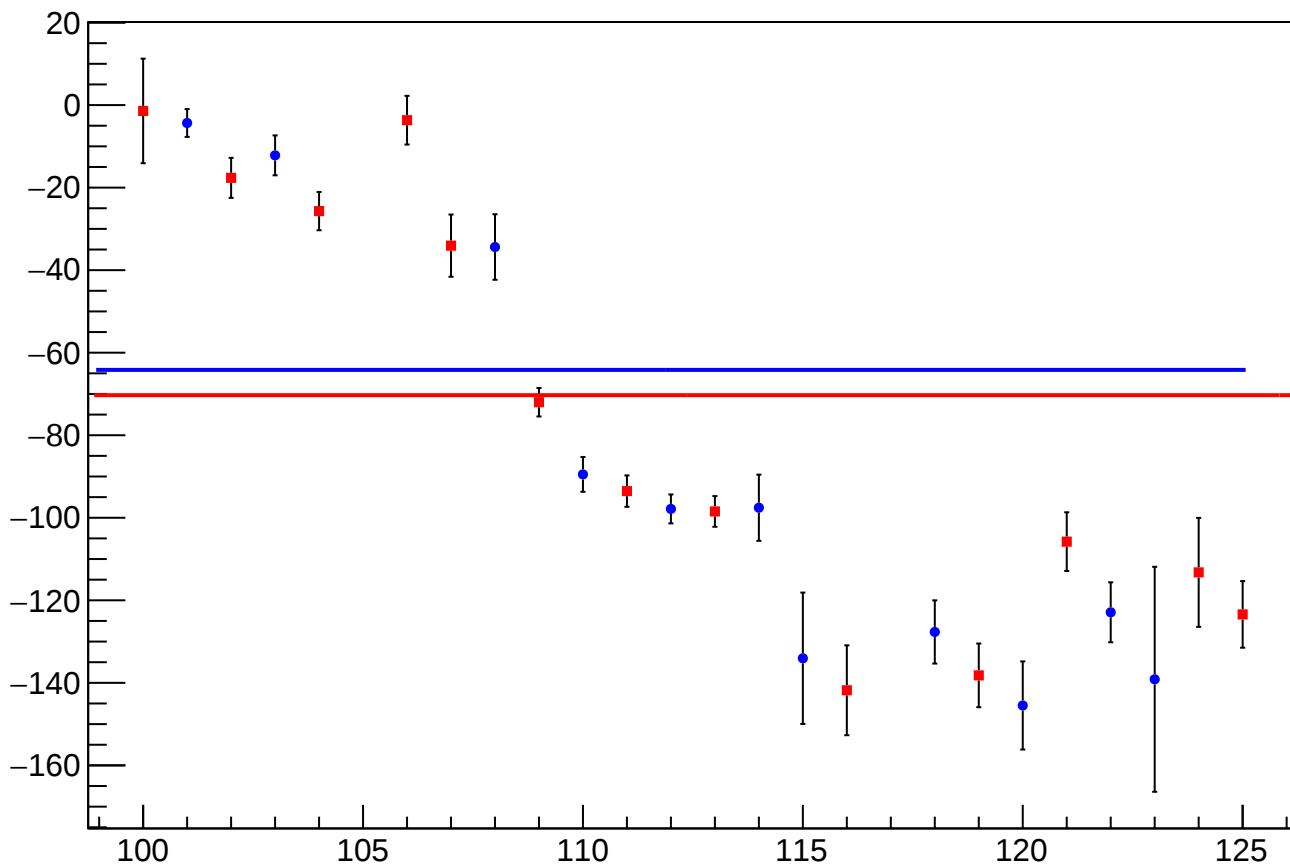
Right: 31.609+/-0.674 χ^2 /NDF: 1390.7/23

In: 29.322+/-0.964 χ^2 /NDF:587.2/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 31.609+/-0.674 χ^2 /NDF: 1390.7/23

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -64.165+/-1.691 χ^2/NDF : 809.7/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -70.297+/-1.520 χ^2/NDF : 685.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

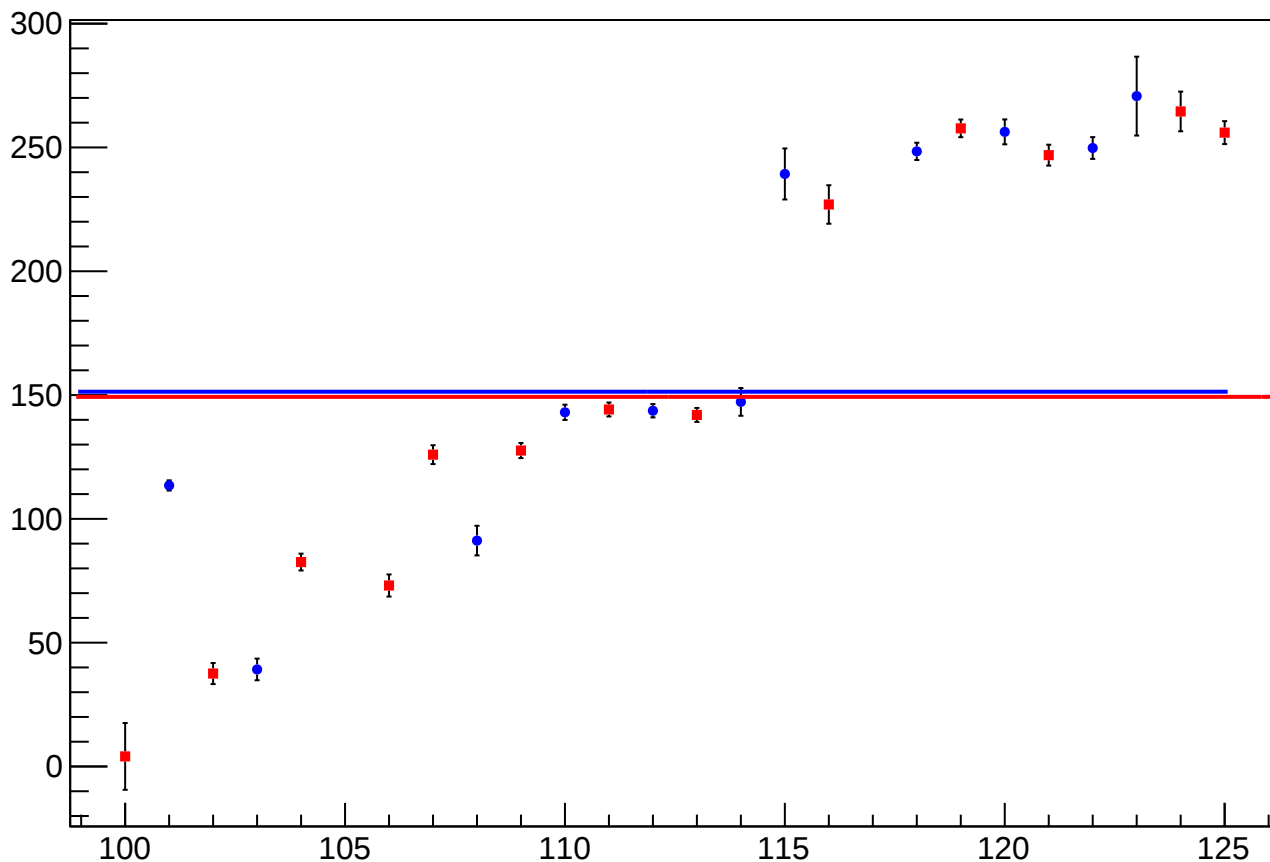
Right: -67.557+/-1.130 χ^2/NDF : 1501.9/23

In: -64.165+/-1.691 χ^2/NDF :809.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -67.557+/-1.130 χ^2/NDF : 1501.9/23

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 151.353+/-1.134 χ^2/NDF : 2949.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 149.271+/-1.092 χ^2/NDF : 3878.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

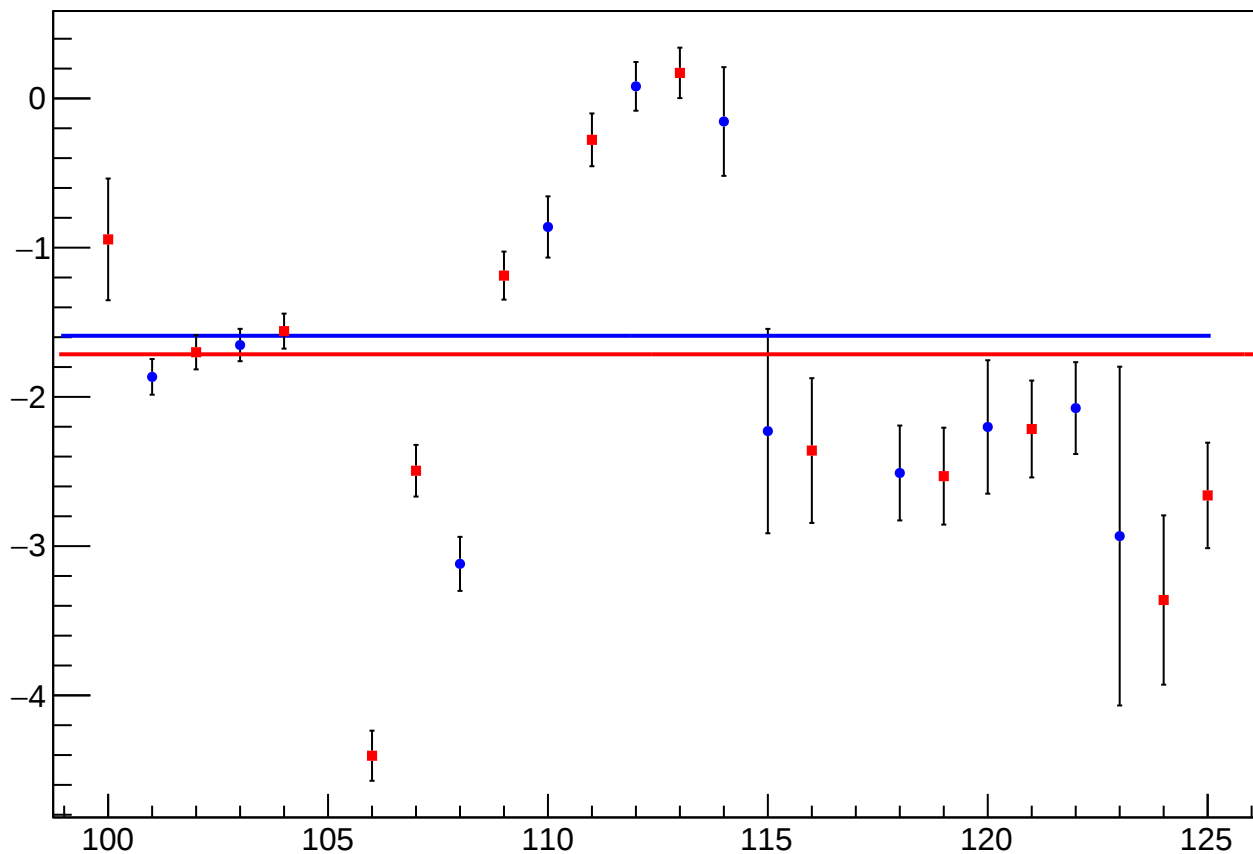
Right: 150.273+/-0.787 χ^2/NDF : 6829.5/23

In: 151.353+/-1.134 χ^2/NDF :2949.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 150.273+/-0.787 χ^2/NDF : 6829.5/23

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.591 $\pm$ 0.059 χ^2 /NDF: 224.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.715 $\pm$ 0.052 χ^2 /NDF: 509.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

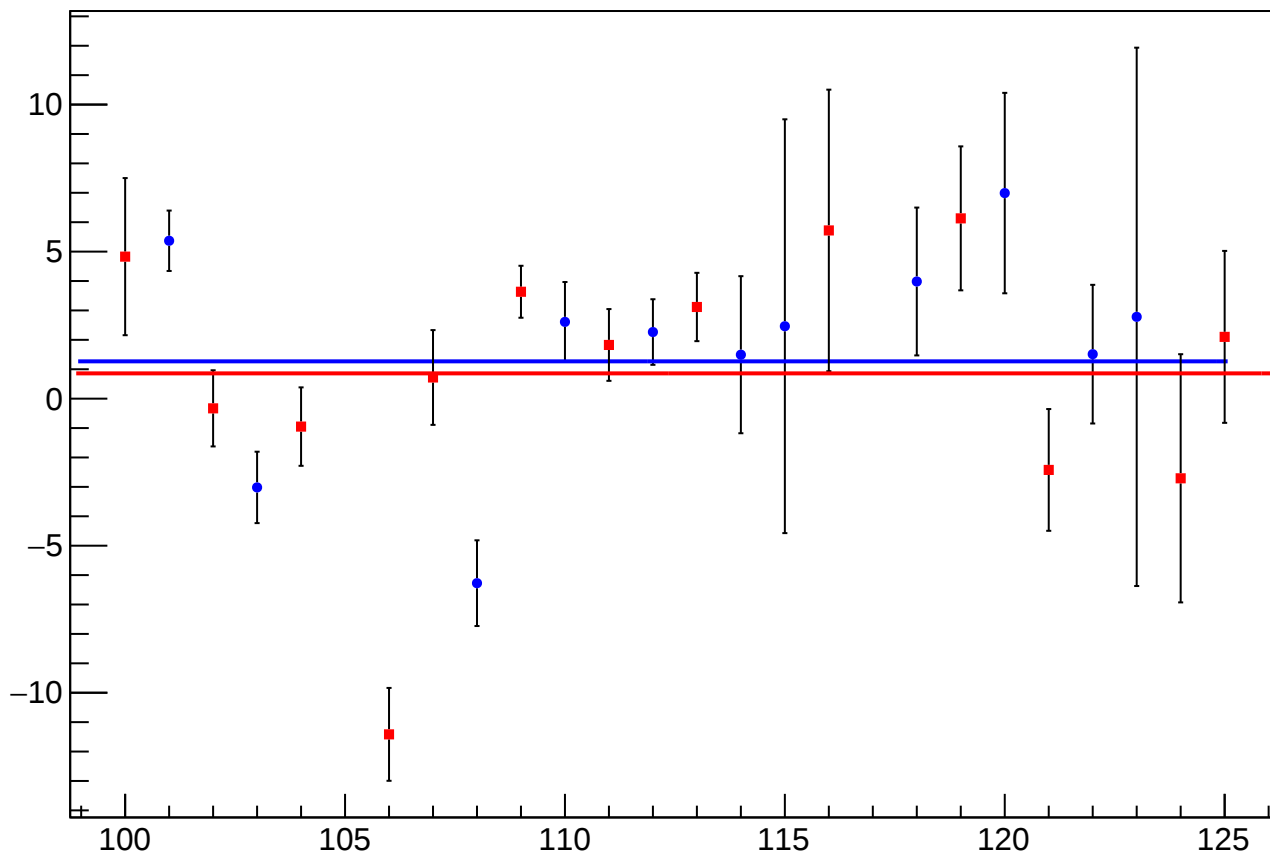
Right: -1.660 $\pm$ 0.039 χ^2 /NDF: 736.6/23

In: -1.591 $\pm$ 0.059 χ^2 /NDF:224.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.660 $\pm$ 0.039 χ^2 /NDF: 736.6/23

reg_asym_sam5_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.269 $\pm$ 0.497 χ^2 /NDF: 61.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.860 $\pm$ 0.431 χ^2 /NDF: 88.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

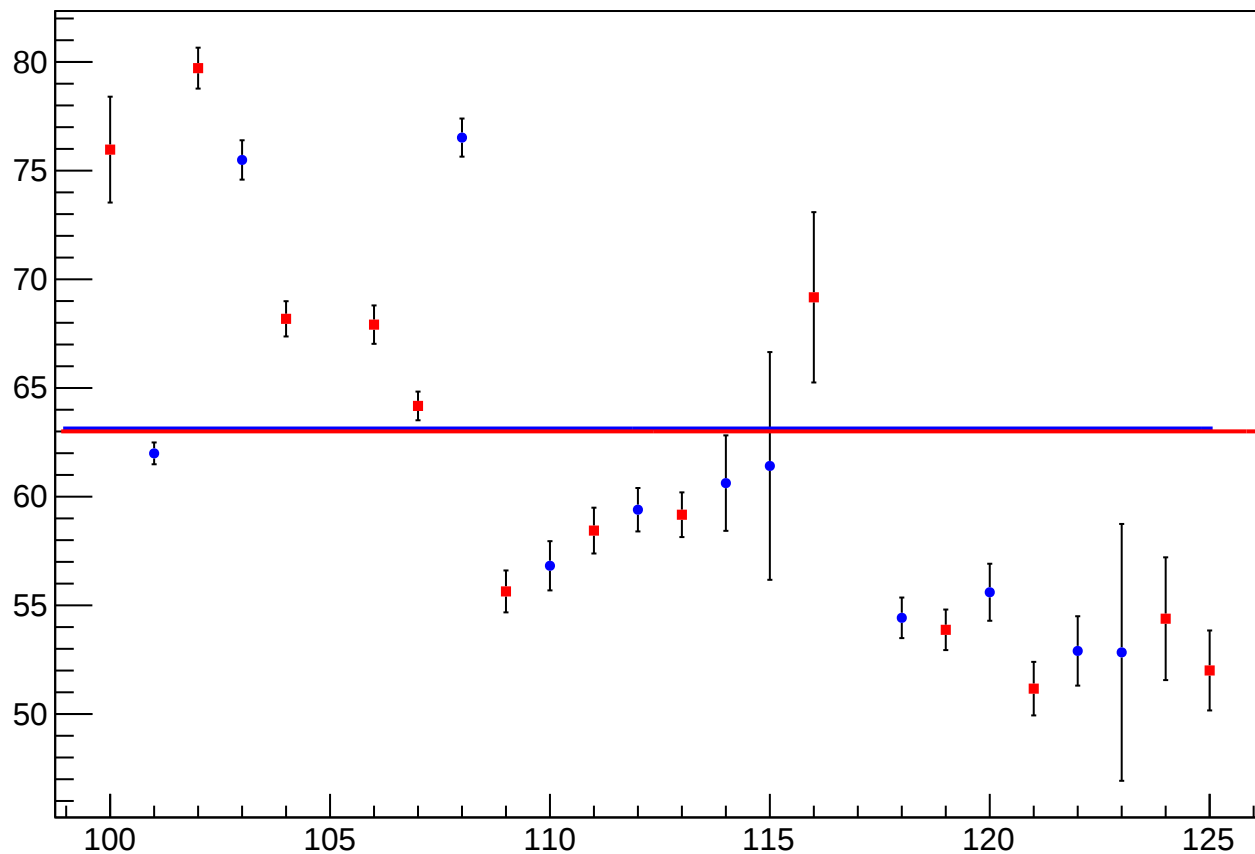
Right: 1.035 $\pm$ 0.326 χ^2 /NDF: 150.1/23

In: 1.269 $\pm$ 0.497 χ^2 /NDF:61.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.035 $\pm$ 0.326 χ^2 /NDF: 150.1/23

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 63.136+/-0.306 χ^2/NDF : 635.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.004+/-0.293 χ^2/NDF : 744.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

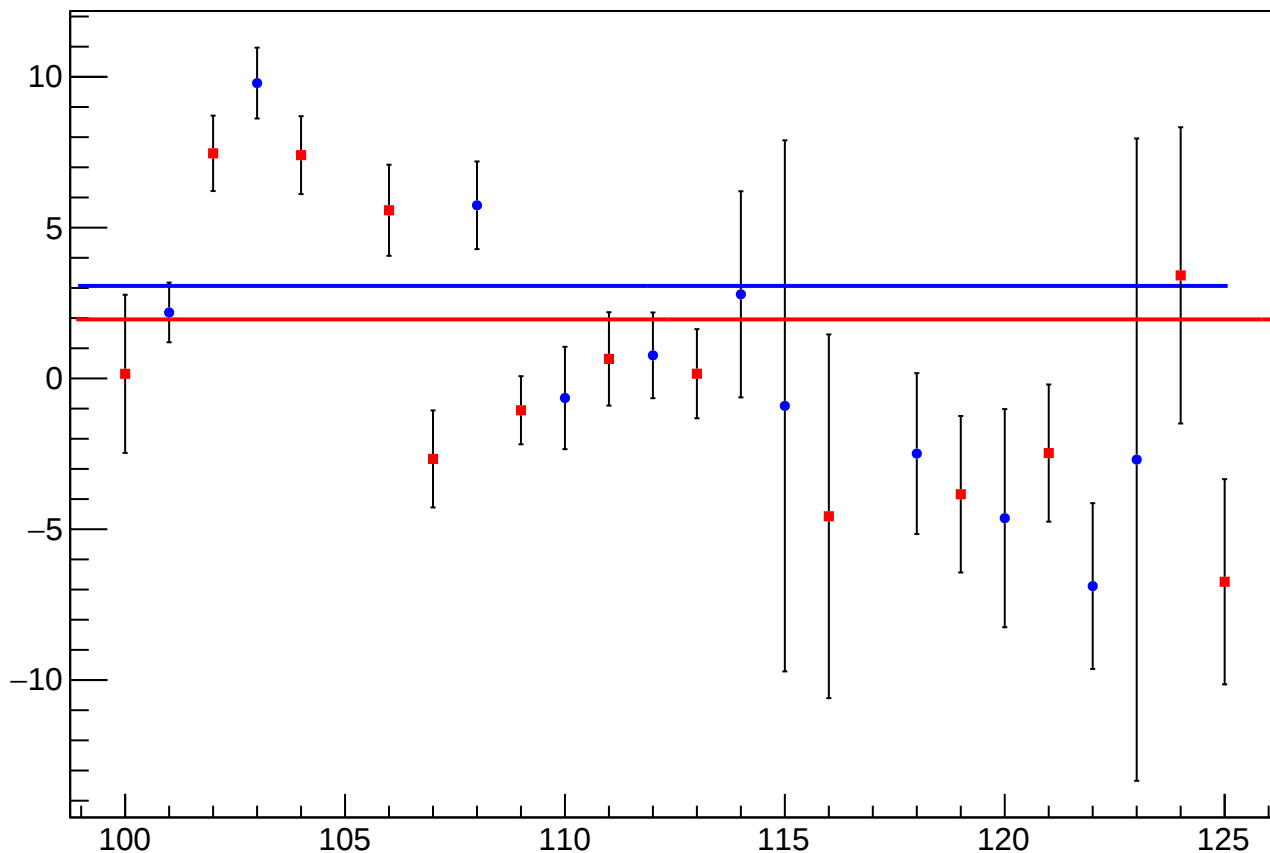
Right: 63.067+/-0.212 χ^2/NDF : 1380.1/23

In: 63.136+/-0.306 χ^2/NDF : 635.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.067+/-0.212 χ^2/NDF : 1380.1/23

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.068+/-0.533 χ^2/NDF : 66.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.957+/-0.479 χ^2/NDF : 77.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

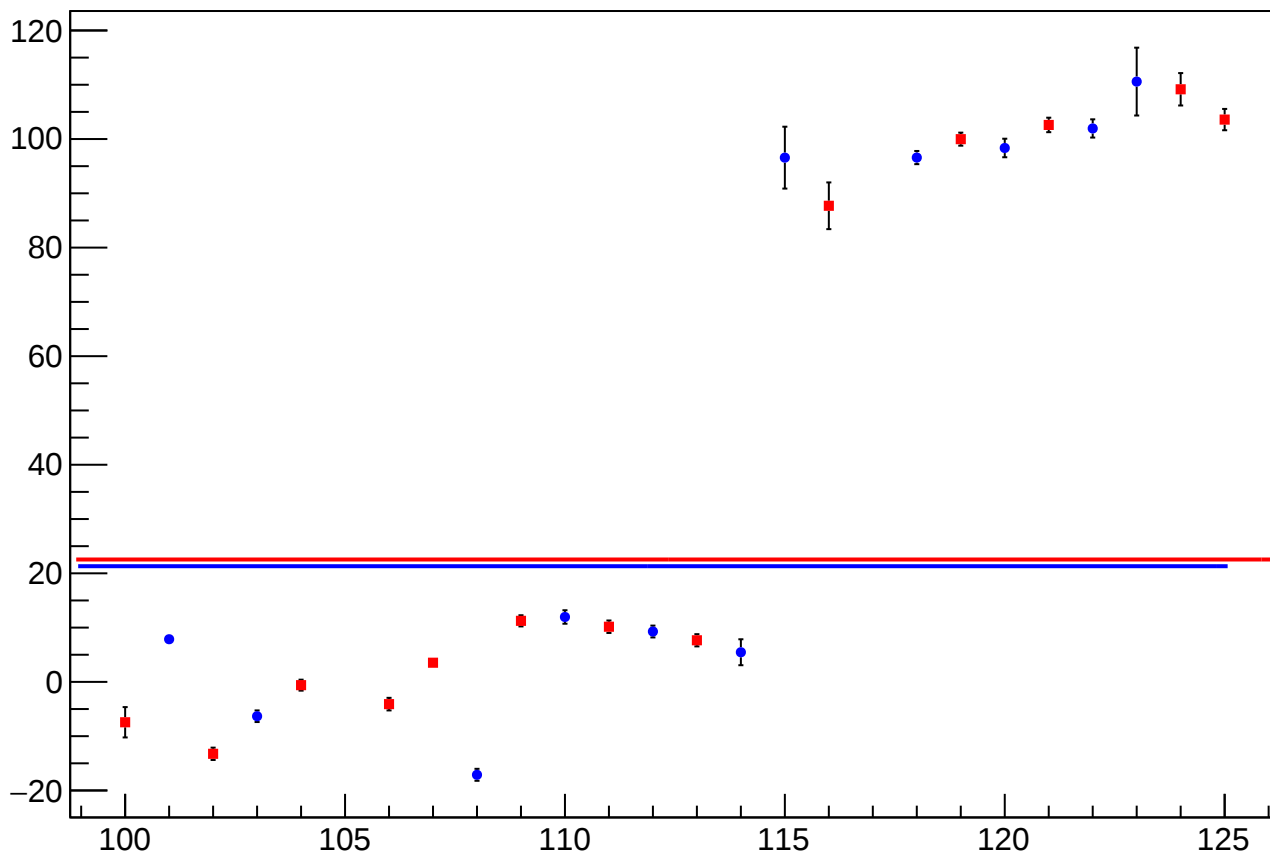
Right: 2.453+/-0.356 χ^2/NDF : 146.9/23

In: 3.068+/-0.533 χ^2/NDF :66.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2.453+/-0.356 χ^2/NDF : 146.9/23

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 21.310+/-0.366 χ^2/NDF : 11151.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.546+/-0.349 χ^2/NDF : 13625.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

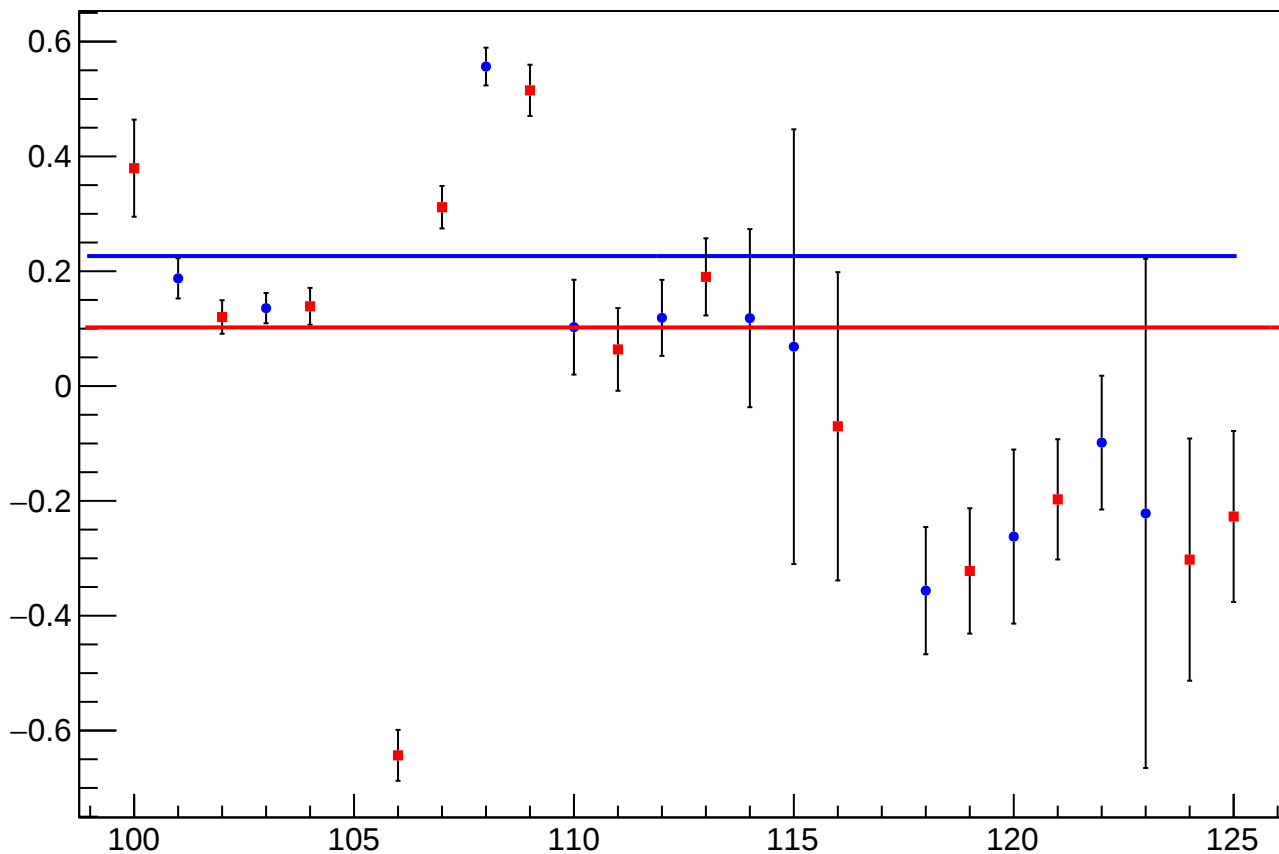
Right: 21.958+/-0.252 χ^2/NDF : 24782.8/23

In: 21.310+/-0.366 χ^2/NDF : 11151.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.958+/-0.252 χ^2/NDF : 24782.8/23

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.226 $\pm$ 0.016 χ^2 /NDF: 166.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.102 $\pm$ 0.015 χ^2 /NDF: 447.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

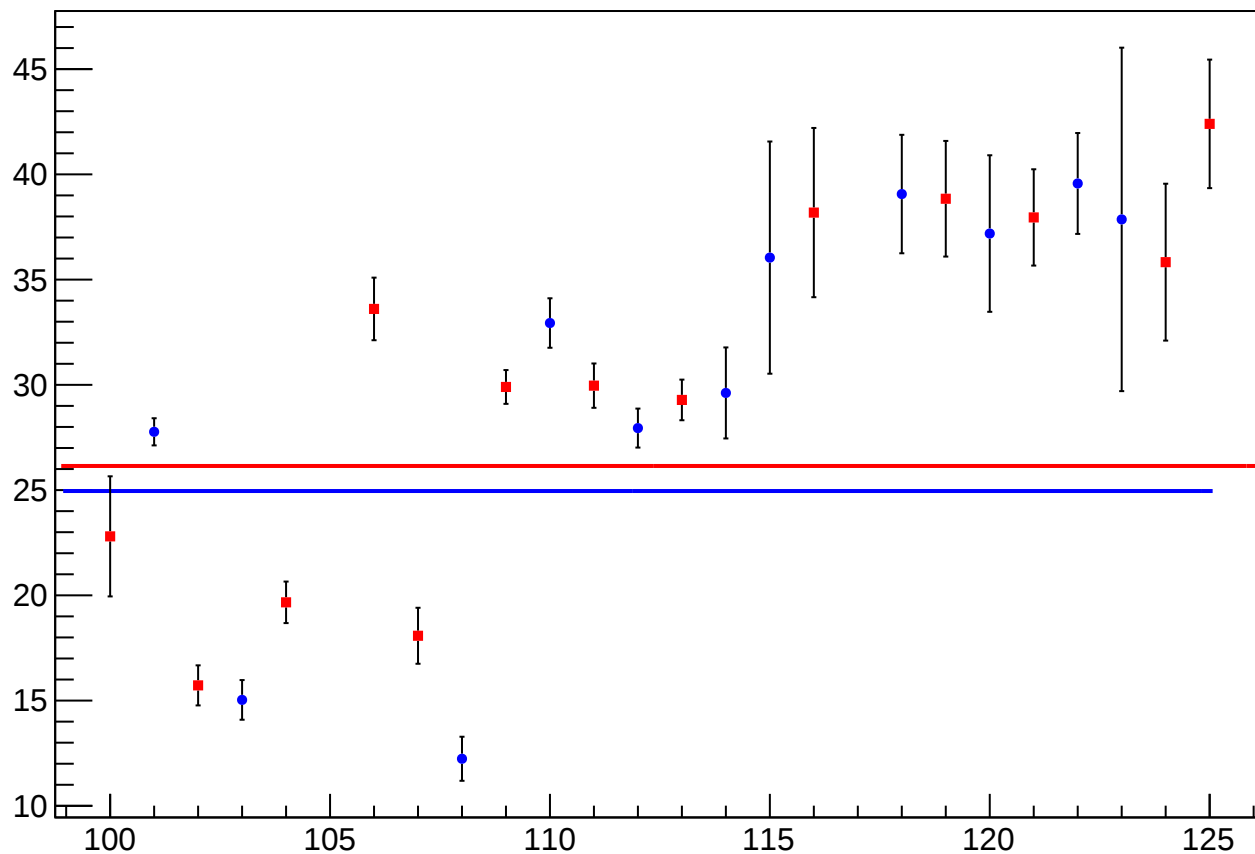
Right: 0.158 $\pm$ 0.011 χ^2 /NDF: 646.0/23

In: 0.226 $\pm$ 0.016 χ^2 /NDF:166.5/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.158 $\pm$ 0.011 χ^2 /NDF: 646.0/23

reg_asym_sam6_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 24.956+/-0.379 χ^2/NDF : 418.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.146+/-0.369 χ^2/NDF : 364.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

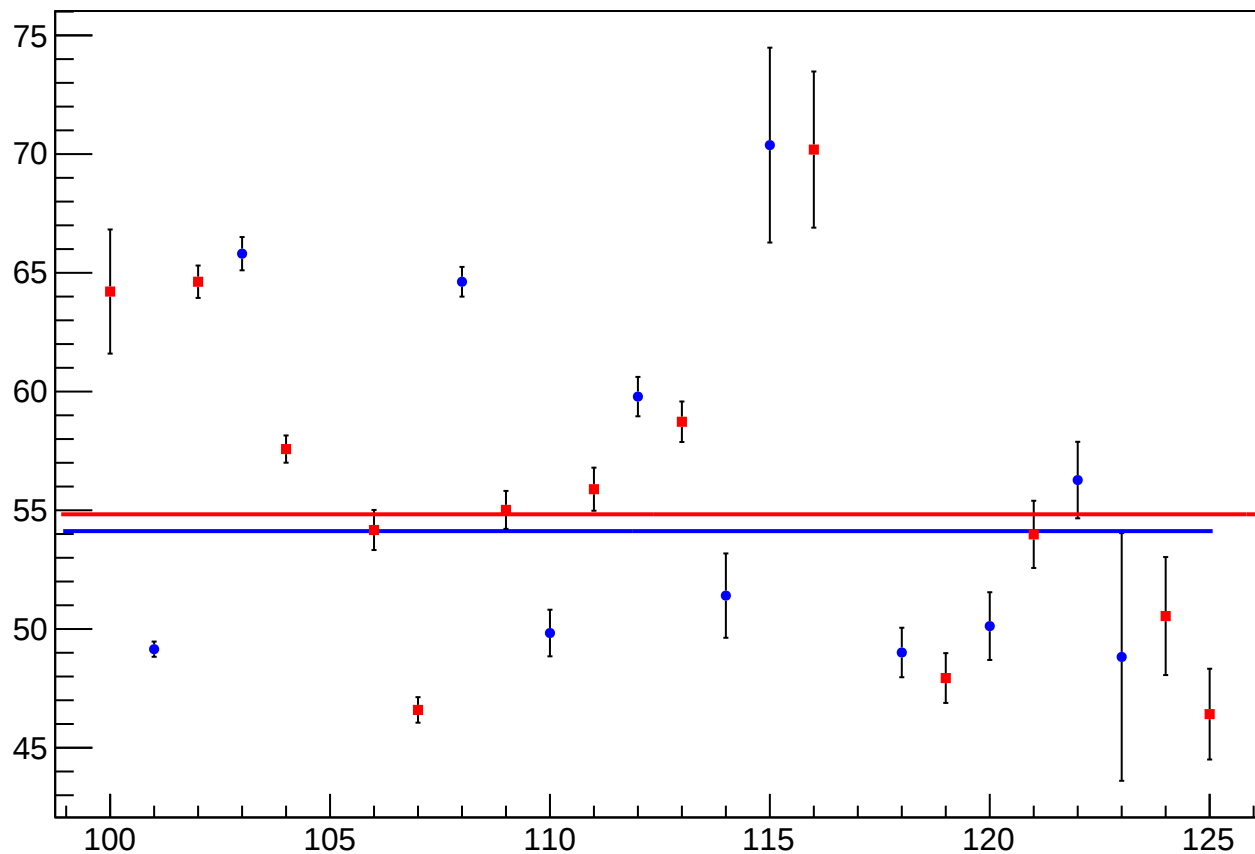
Right: 25.567+/-0.264 χ^2/NDF : 787.6/23

In: 24.956+/-0.379 χ^2/NDF : 418.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.567+/-0.264 χ^2/NDF : 787.6/23

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 54.123+/-0.229 χ^2/NDF : 919.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.831+/-0.248 χ^2/NDF : 587.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

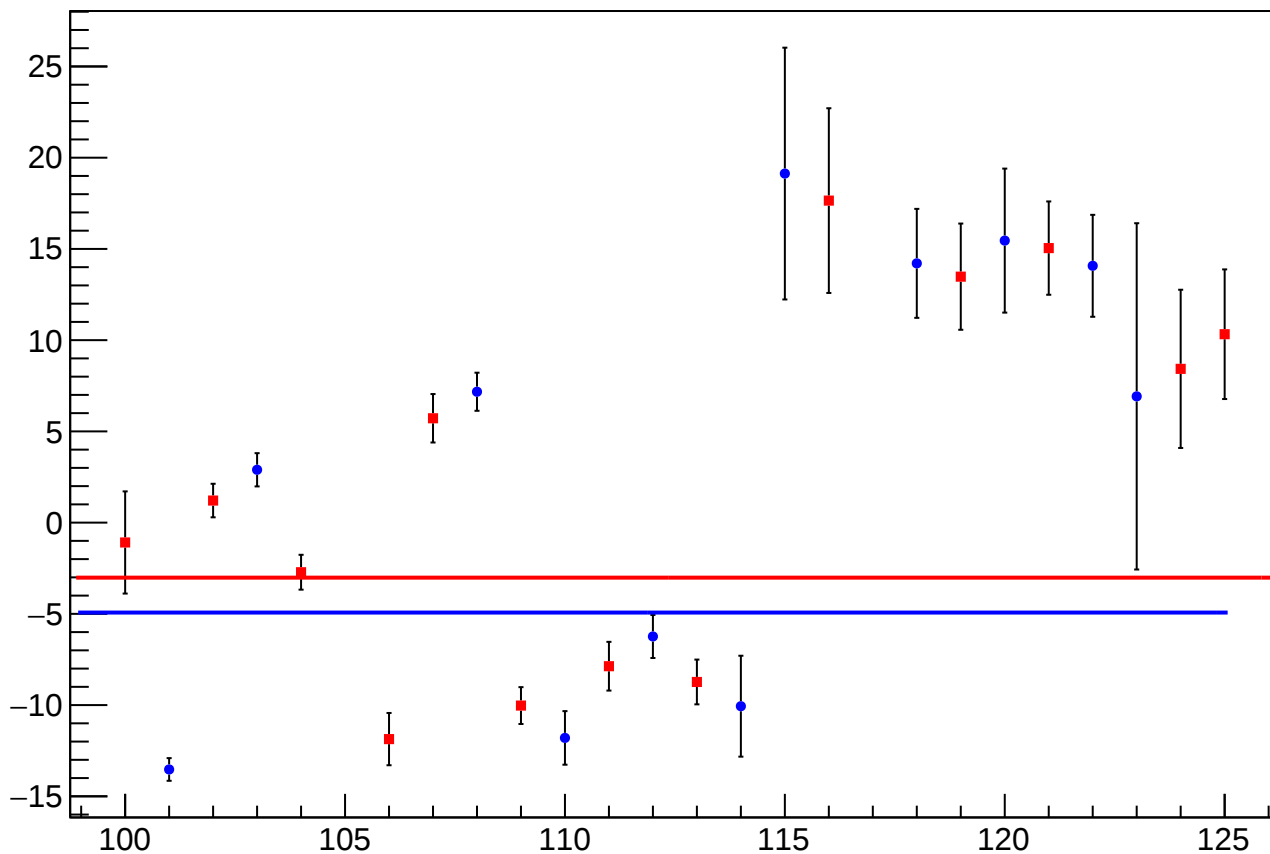
Right: 54.449+/-0.168 χ^2/NDF : 1511.3/23

In: 54.123+/-0.229 χ^2/NDF : 919.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.449+/-0.168 χ^2/NDF : 1511.3/23

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.929+/-0.397 χ^2/NDF : 553.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.015+/-0.405 χ^2/NDF : 306.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

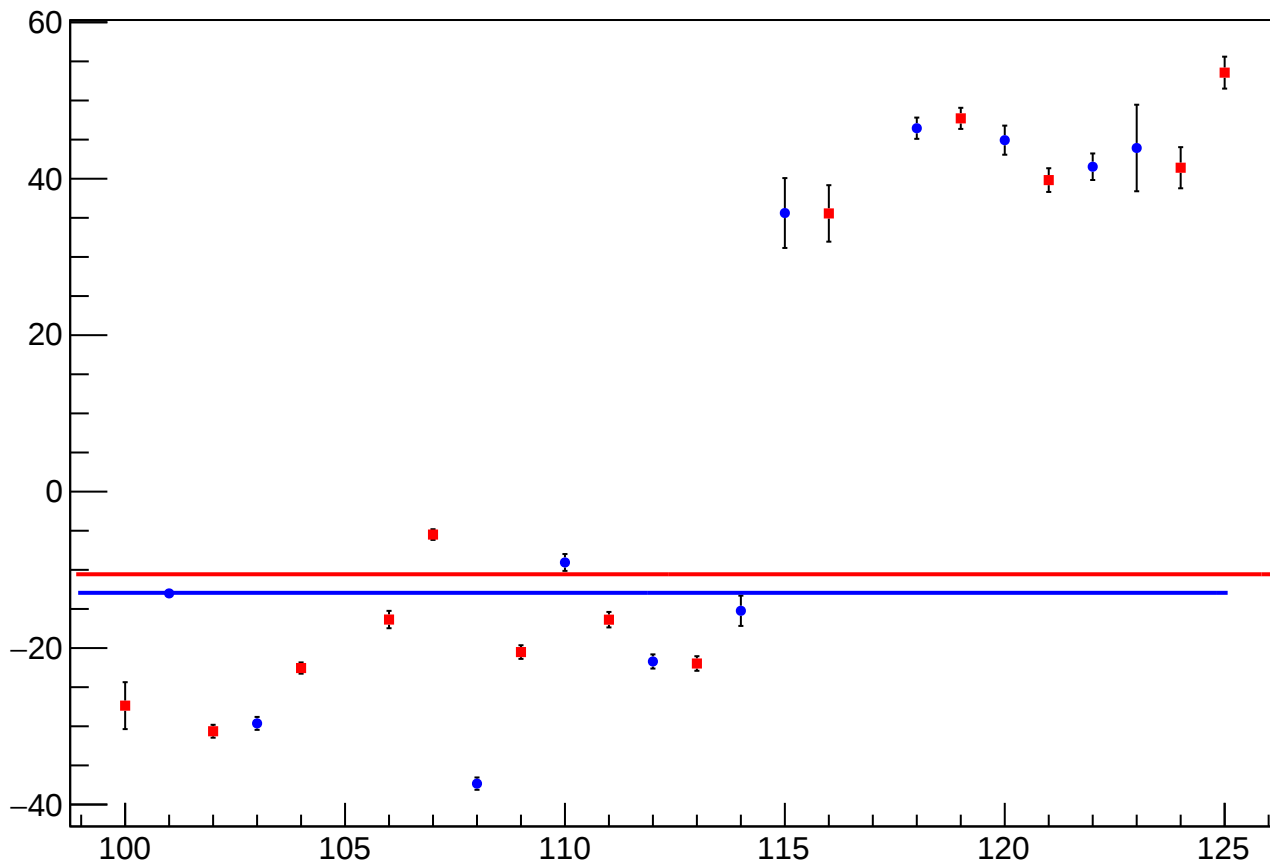
Right: -3.991+/-0.283 χ^2/NDF : 871.4/23

In: -4.929+/-0.397 χ^2/NDF : 553.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.991+/-0.283 χ^2/NDF : 871.4/23

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.938+/-0.275 χ^2/NDF : 5607.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -10.566+/-0.296 χ^2/NDF : 5808.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

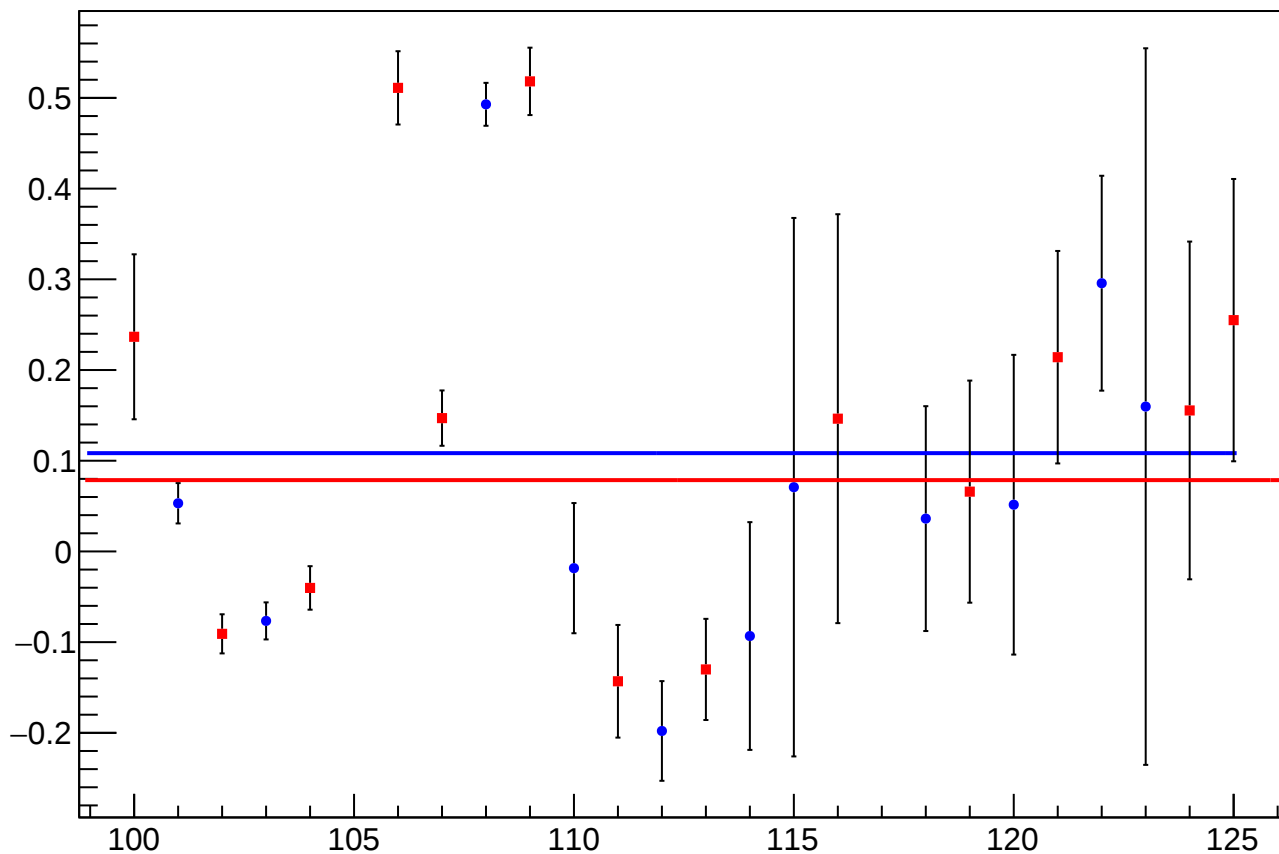
Right: -11.841+/-0.201 χ^2/NDF : 11450.4/23

In: -12.938+/-0.275 χ^2/NDF :5607.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -11.841+/-0.201 χ^2/NDF : 11450.4/23

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.108+/-0.012 χ^2/NDF : 392.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.079+/-0.012 χ^2/NDF : 378.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

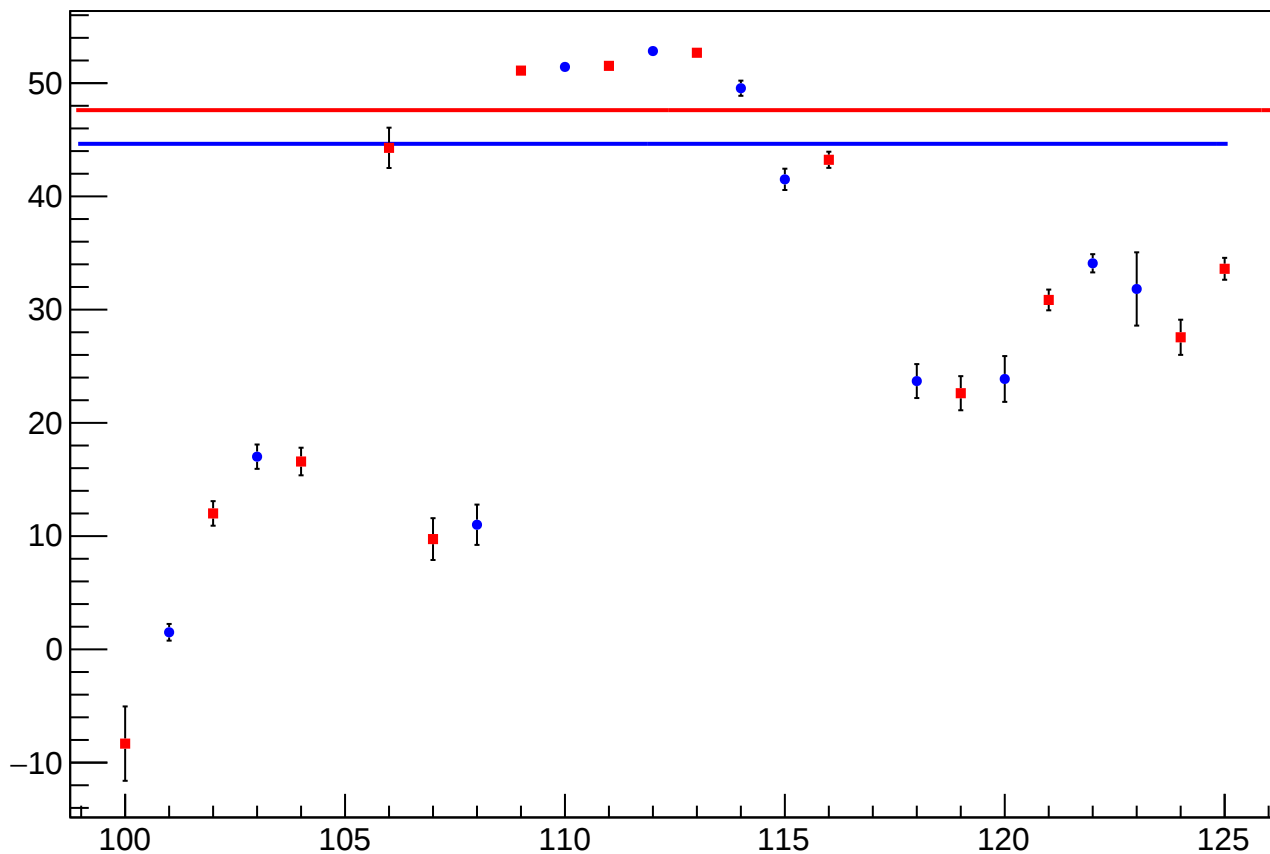
Right: 0.093+/-0.008 χ^2/NDF : 773.9/23

In: 0.108+/-0.012 χ^2/NDF : 392.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.093+/-0.008 χ^2/NDF : 773.9/23

reg_asym_sam7_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 44.642 ± 0.193 χ^2/NDF : 6068.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 47.615 ± 0.159 χ^2/NDF : 4016.4/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

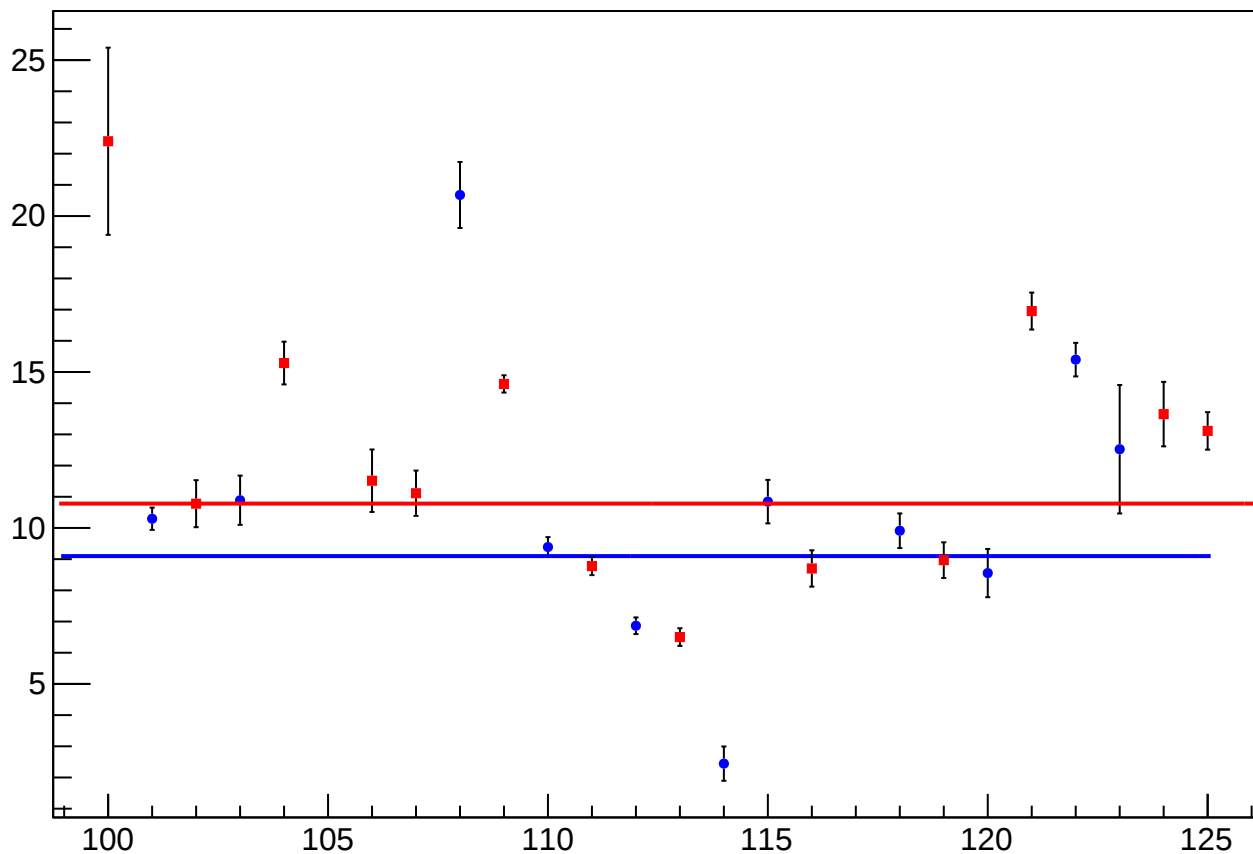
Right: 46.413 ± 0.123 χ^2/NDF : 10225.5/23

In: 44.642 ± 0.193 χ^2/NDF : 6068.0/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 46.413 ± 0.123 χ^2/NDF : 10225.5/23

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.098+/-0.144 χ^2/NDF : 502.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.781+/-0.133 χ^2/NDF : 680.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

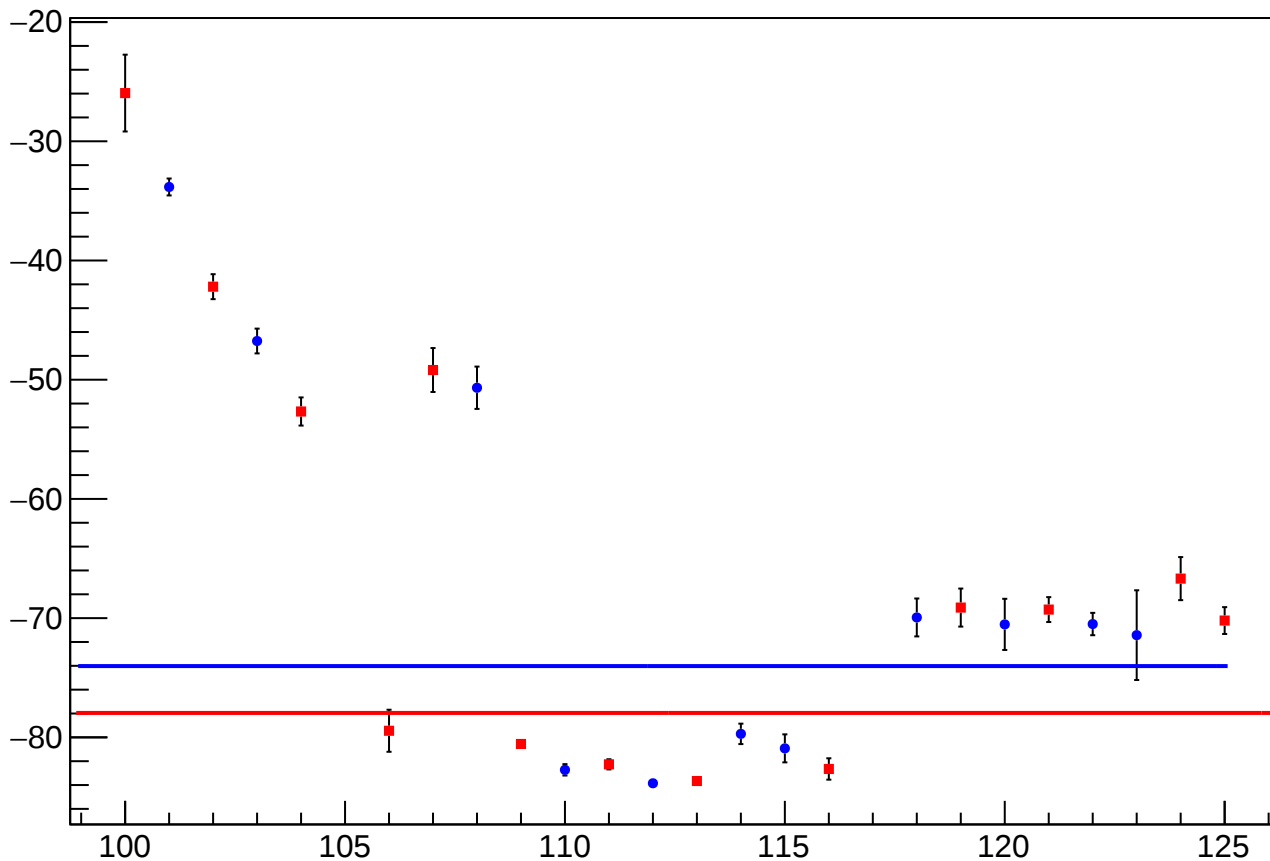
Right: 10.008+/-0.098 χ^2/NDF : 1256.3/23

In: 9.098+/-0.144 χ^2/NDF : 502.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.008+/-0.098 χ^2/NDF : 1256.3/23

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -74.022+/-0.233 χ^2/NDF : 5170.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -77.951+/-0.198 χ^2/NDF : 2696.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

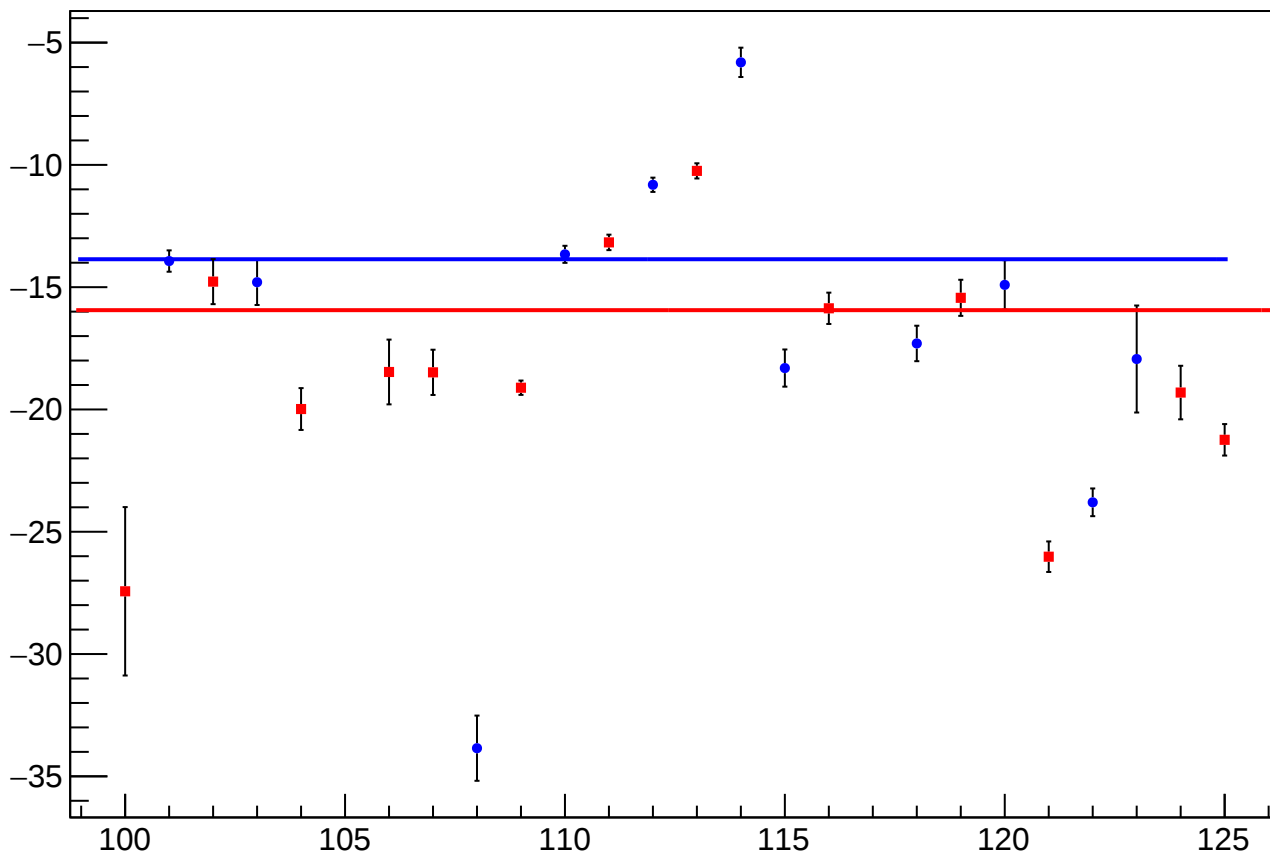
Right: -76.302+/-0.151 χ^2/NDF : 8032.0/23

In: -74.022+/-0.233 χ^2/NDF : 5170.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -76.302+/-0.151 χ^2/NDF : 8032.0/23

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -13.858 ± 0.163 χ^2/NDF : 884.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.940 ± 0.147 χ^2/NDF : 915.1/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

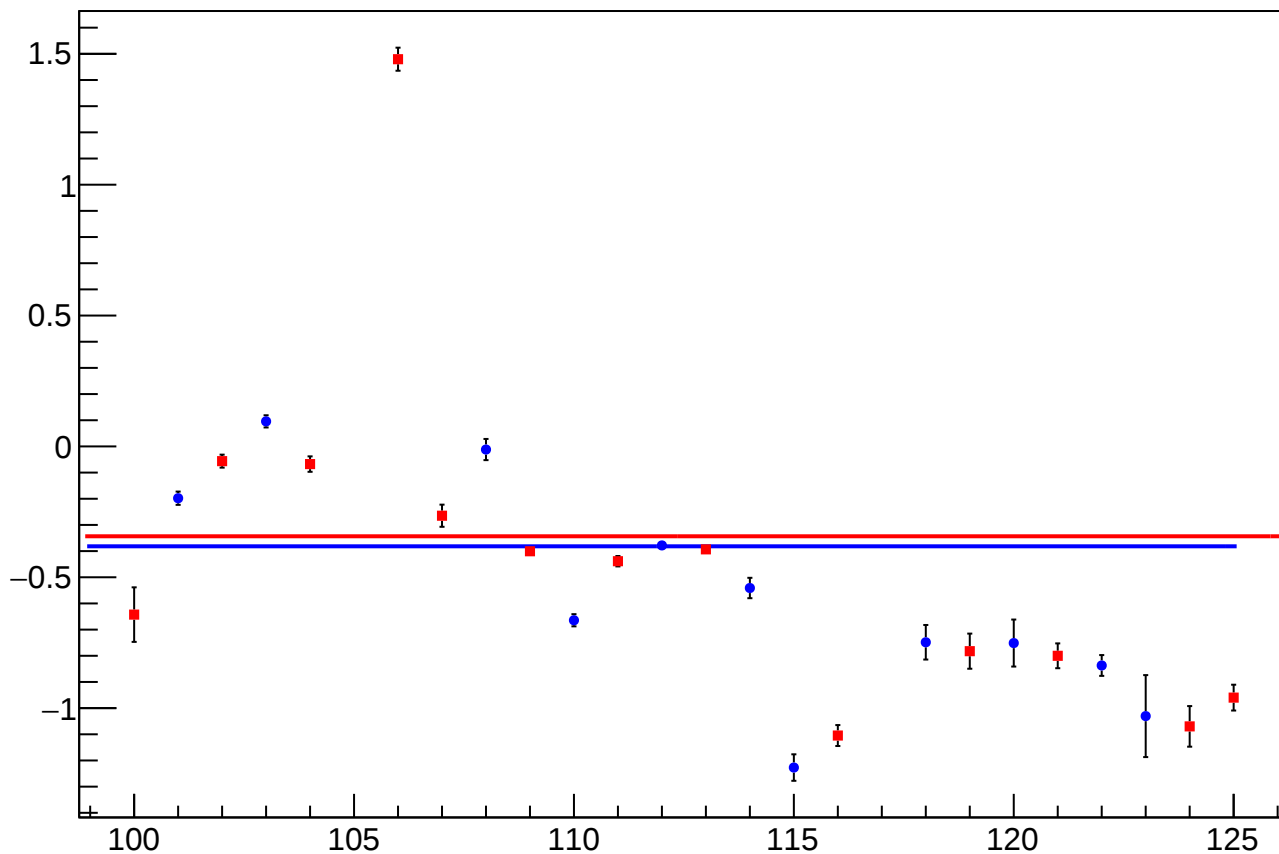
Right: -15.008 ± 0.109 χ^2/NDF : 1889.3/23

In: -13.858 ± 0.163 χ^2/NDF : 884.0/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.008 ± 0.109 χ^2/NDF : 1889.3/23

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.382 ± 0.009 χ^2/NDF : 1195.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.343 ± 0.008 χ^2/NDF : 2727.4/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

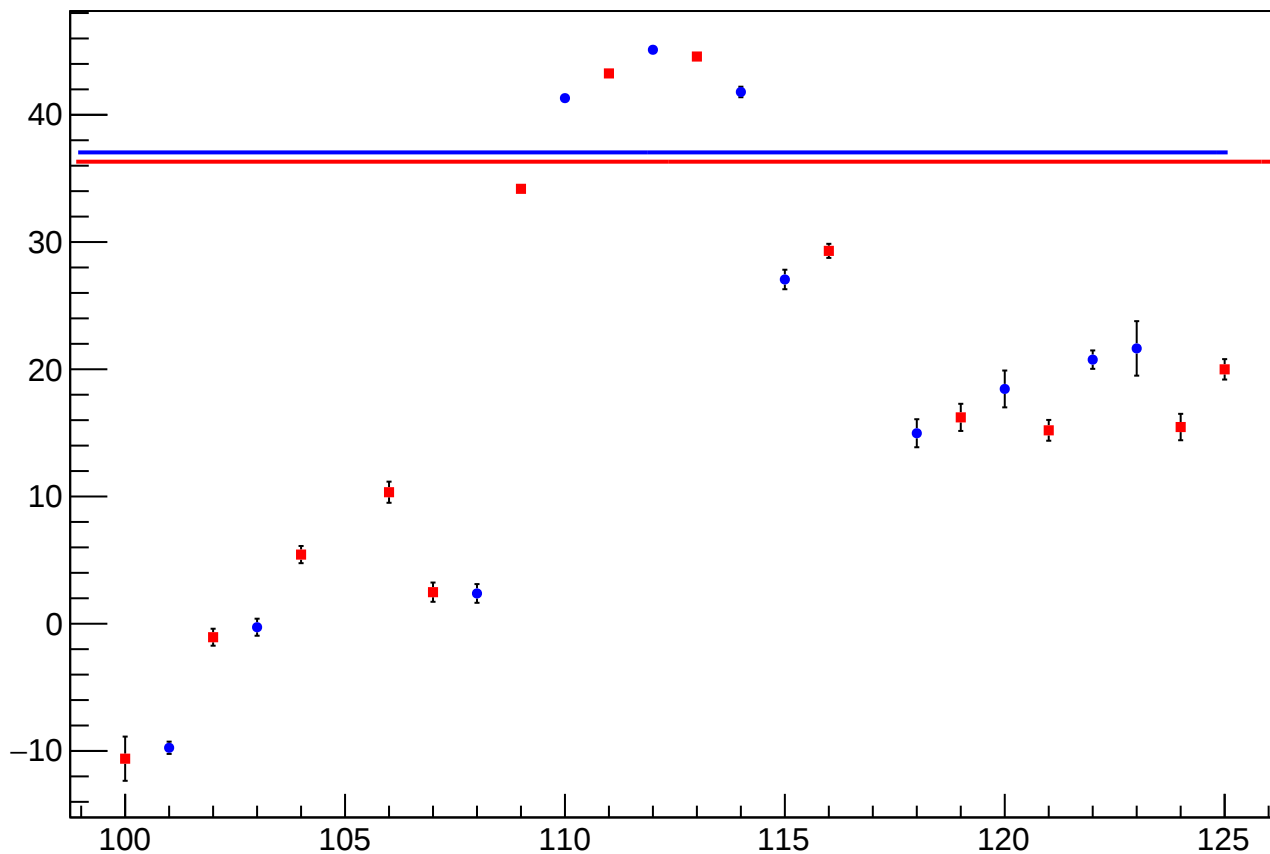
Right: -0.360 ± 0.006 χ^2/NDF : 3931.9/23

In: -0.382 ± 0.009 χ^2/NDF : 1195.2/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.360 ± 0.006 χ^2/NDF : 3931.9/23

reg_asym_sam8_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 37.045+/-0.112 χ^2/NDF : 19024.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.316+/-0.090 χ^2/NDF : 14783.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

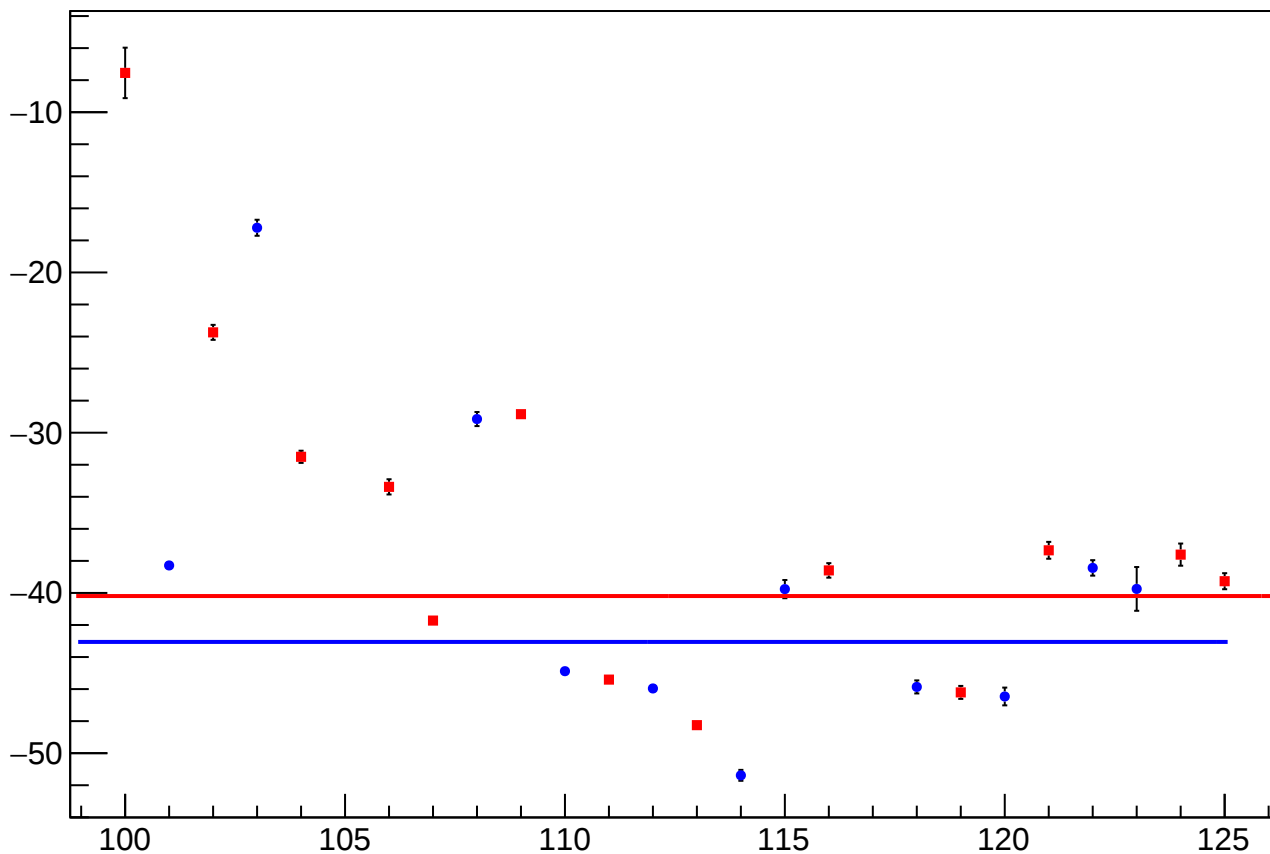
Right: 36.601+/-0.070 χ^2/NDF : 33833.8/23

In: 37.045+/-0.112 χ^2/NDF : 19024.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.601+/-0.070 χ^2/NDF : 33833.8/23

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -43.057+/-0.087 χ^2/NDF : 5407.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -40.194+/-0.078 χ^2/NDF : 10762.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

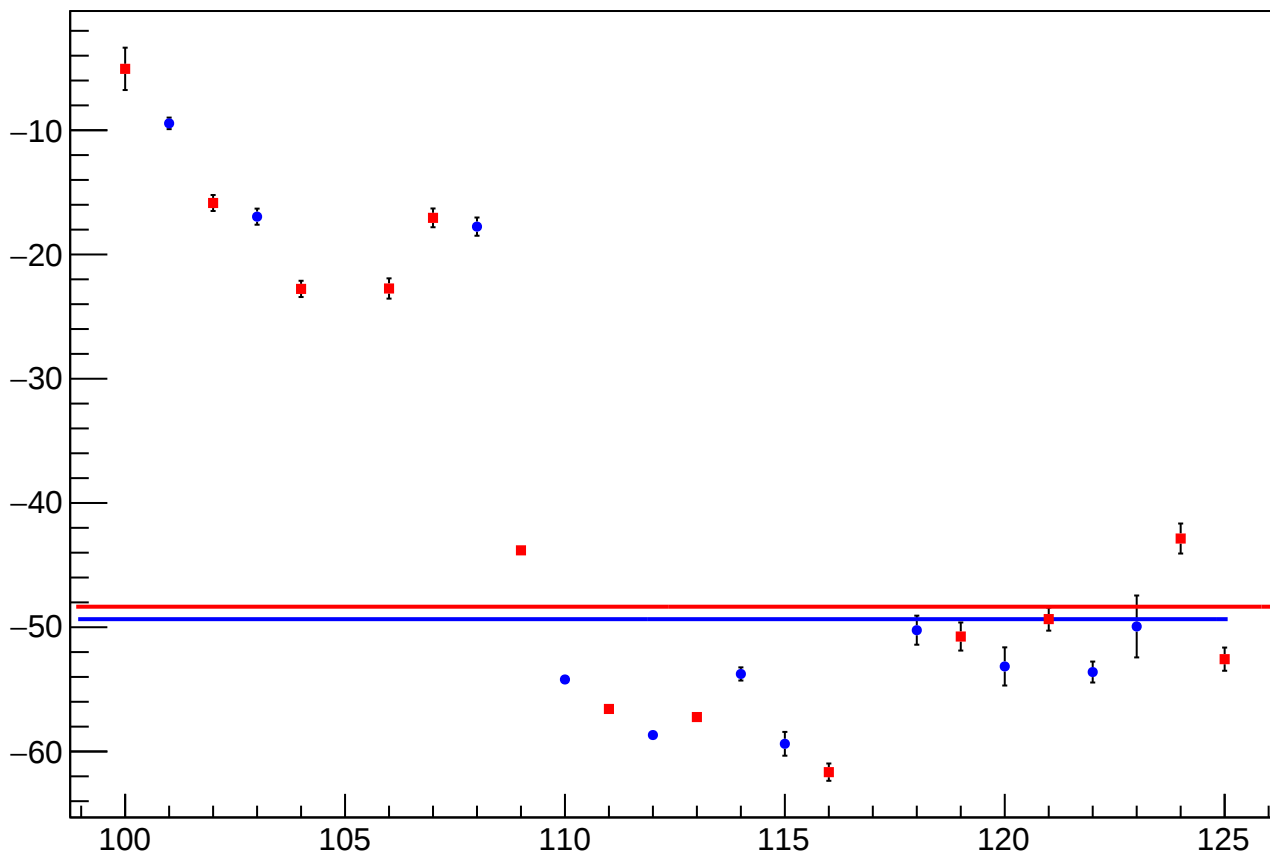
Right: -41.474+/-0.058 χ^2/NDF : 16773.4/23

In: -43.057+/-0.087 χ^2/NDF :5407.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -41.474+/-0.058 χ^2/NDF : 16773.4/23

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -49.351 ± 0.136 χ^2/NDF : 14293.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -48.347 ± 0.112 χ^2/NDF : 11239.3/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

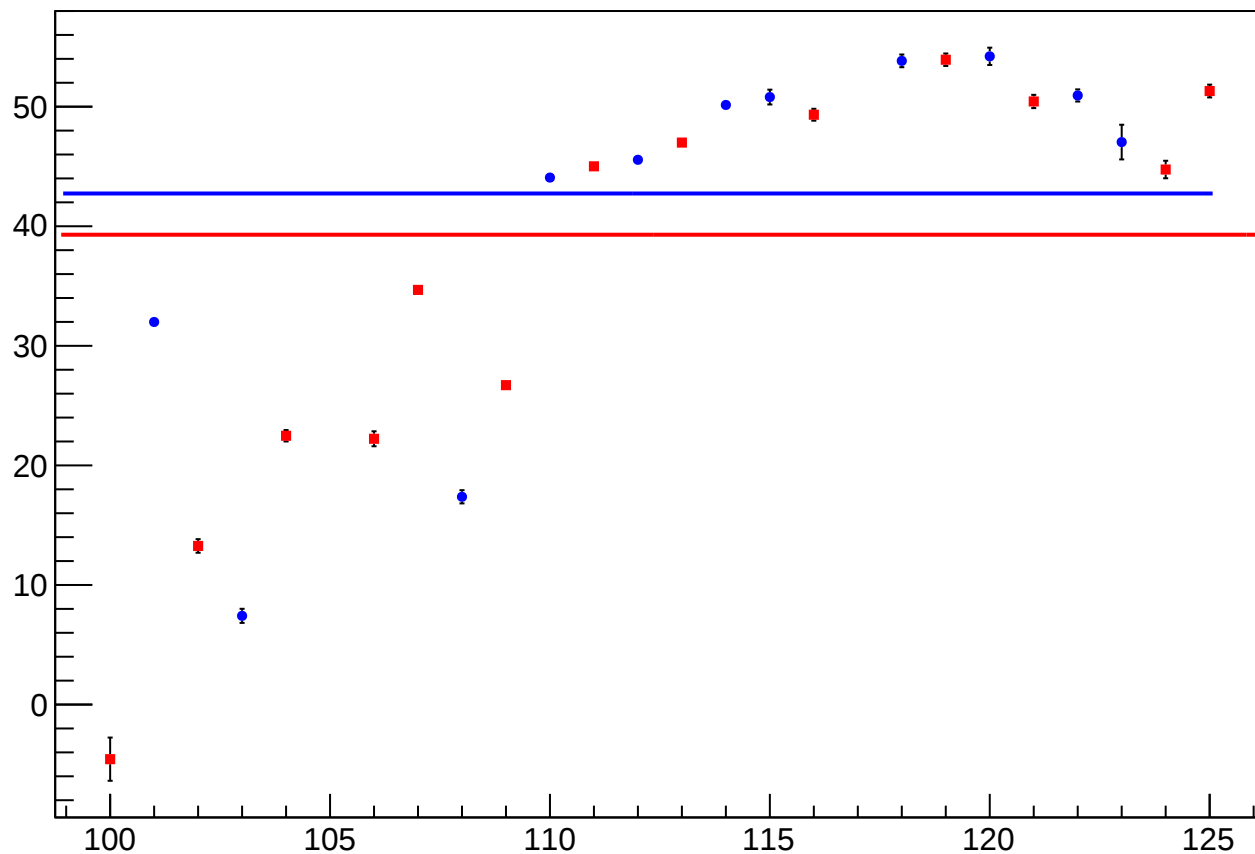
Right: -48.753 ± 0.086 χ^2/NDF : 25565.0/23

In: -49.351 ± 0.136 χ^2/NDF : 14293.2/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -48.753 ± 0.086 χ^2/NDF : 25565.0/23

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.739 $\pm$ 0.098 χ^2/NDF : 8978.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Right Out: 39.292 $\pm$ 0.086 χ^2/NDF : 15126.2/12

Left In: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

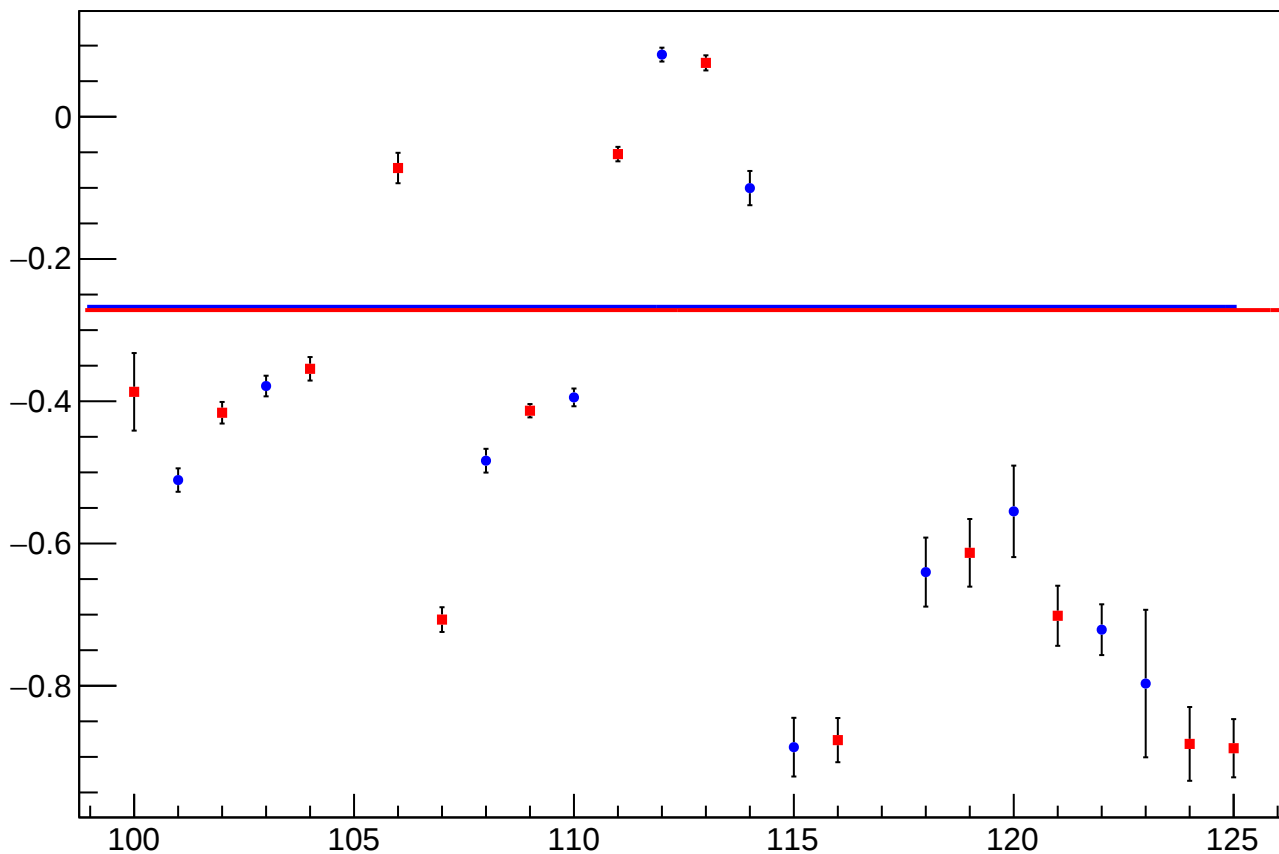
Right: 40.801 $\pm$ 0.065 χ^2/NDF : 24804.8/23

In: 42.739 $\pm$ 0.098 χ^2/NDF :8978.0/10

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: 40.801 $\pm$ 0.065 χ^2/NDF : 24804.8/23

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.267+/-0.006 χ^2 /NDF: 2410.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.272+/-0.005 χ^2 /NDF: 3494.7/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

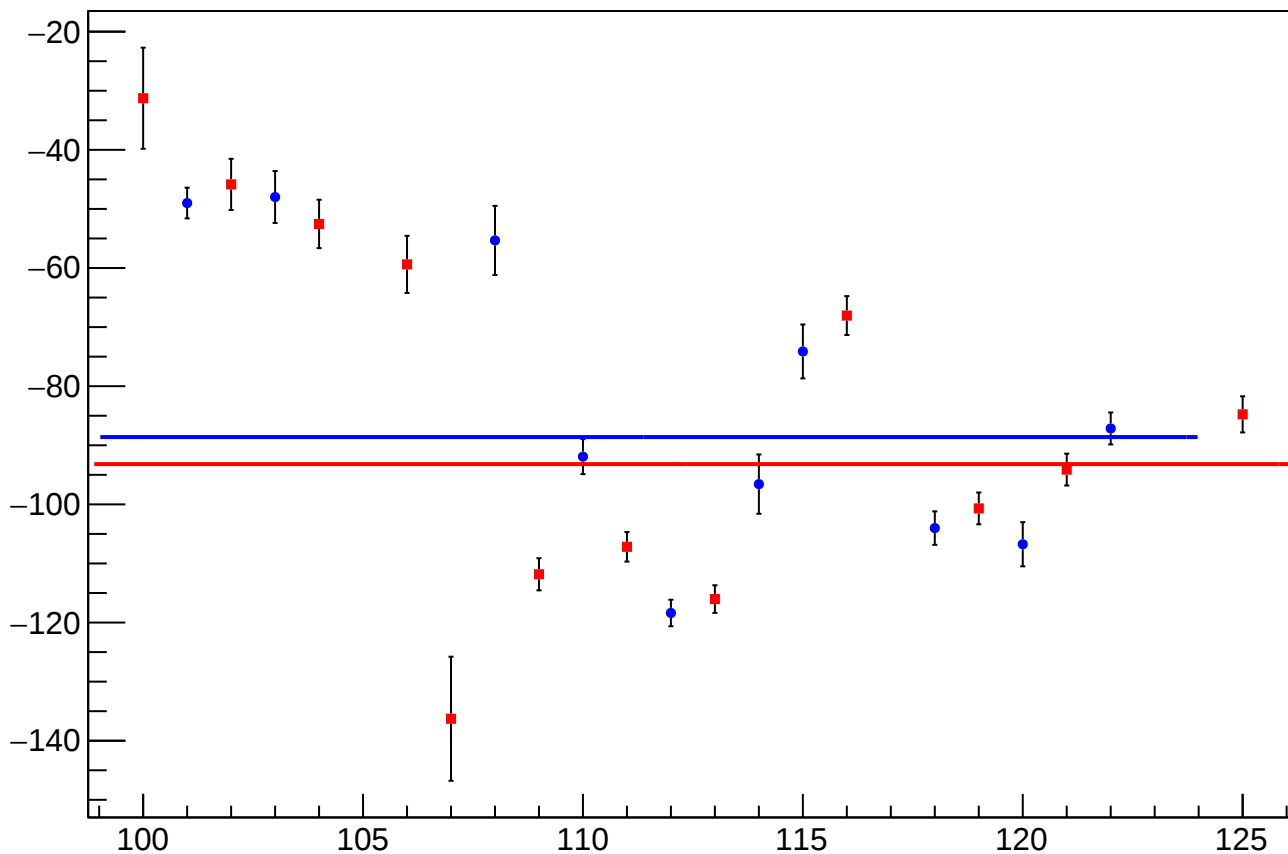
Right: -0.270+/-0.004 χ^2 /NDF: 5906.0/23

In: -0.267+/-0.006 χ^2 /NDF:2410.8/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.270+/-0.004 χ^2 /NDF: 5906.0/23

reg_asym_usl_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -88.610 $\pm$ 1.019 χ^2 /NDF: 593.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -93.185 $\pm$ 0.940 χ^2 /NDF: 583.4/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

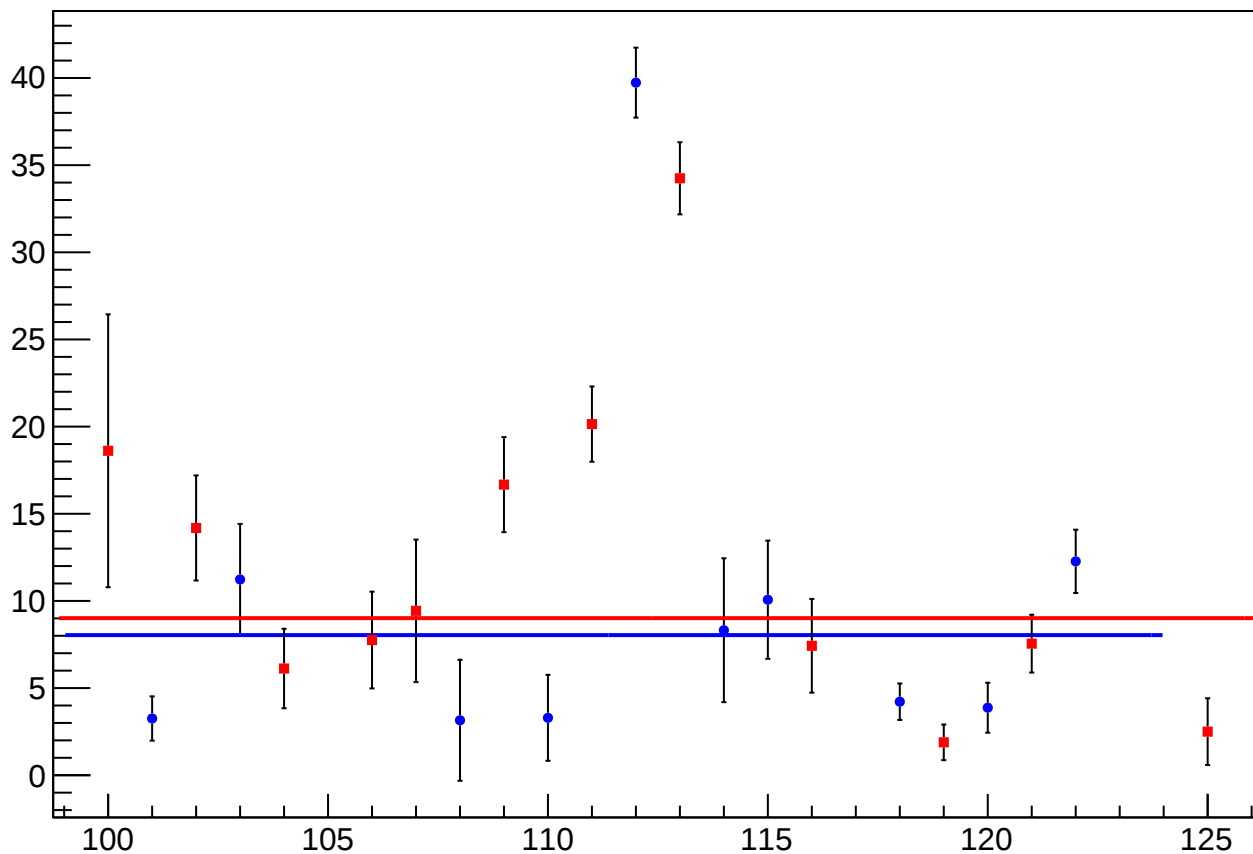
Right: -91.082 $\pm$ 0.691 χ^2 /NDF: 1187.9/21

In: -88.610 $\pm$ 1.019 χ^2 /NDF:593.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -91.082 $\pm$ 0.691 χ^2 /NDF: 1187.9/21

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.039+/-0.572 χ^2/NDF : 297.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.011+/-0.595 χ^2/NDF : 250.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

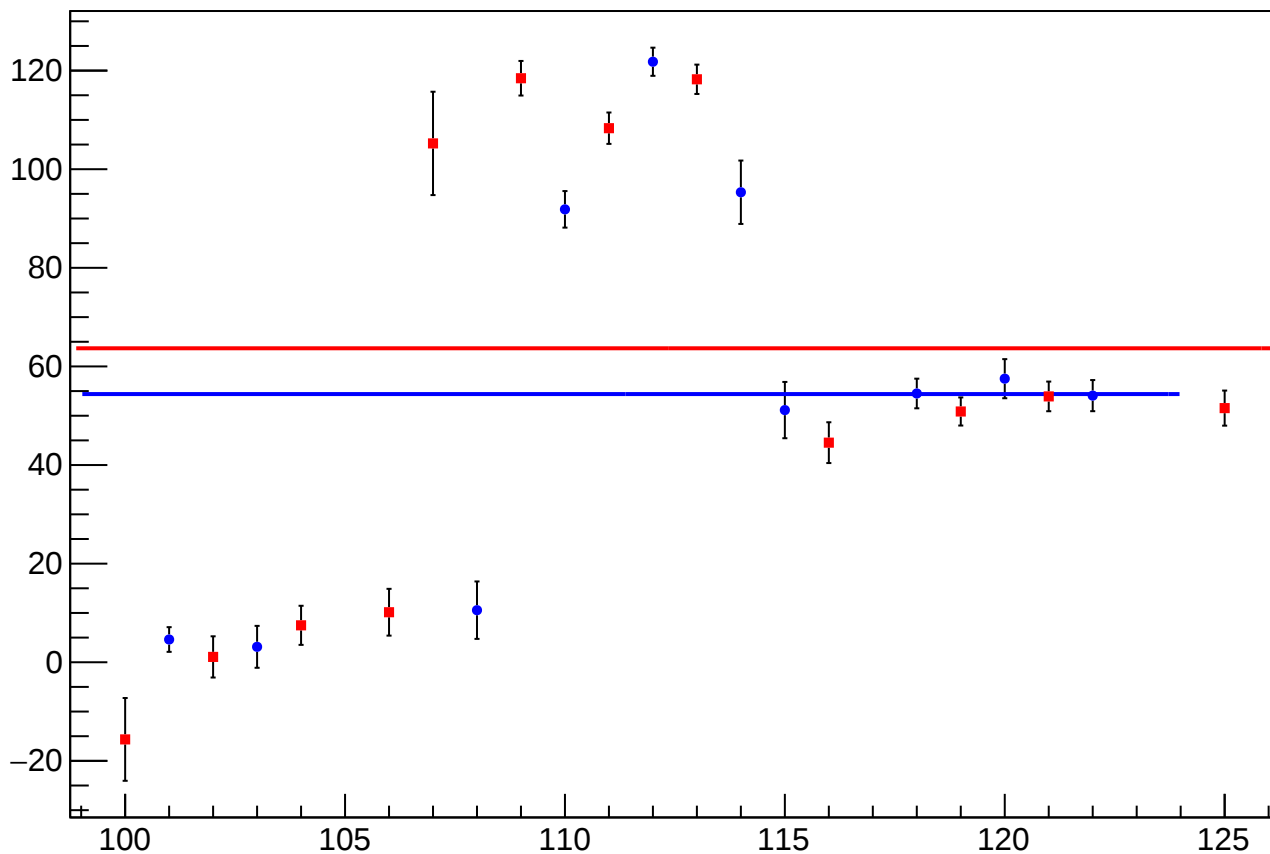
Right: 8.505+/-0.412 χ^2/NDF : 550.0/21

In: 8.039+/-0.572 χ^2/NDF : 297.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.505+/-0.412 χ^2/NDF : 550.0/21

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 54.394+/-1.140 χ^2 /NDF: 1298.4/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 63.679+/-1.083 χ^2 /NDF: 1498.0/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

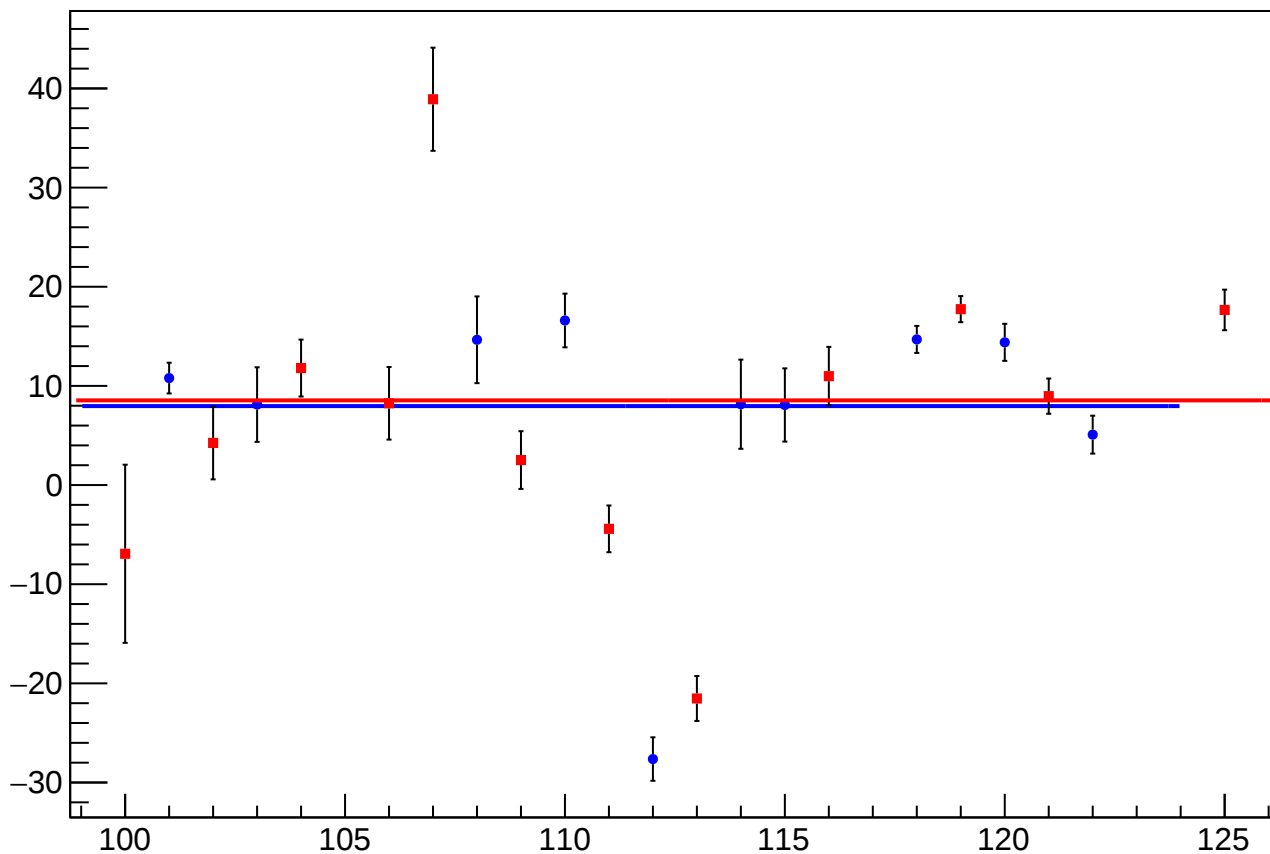
Right: 59.276+/-0.785 χ^2 /NDF: 2831.3/21

In: 54.394+/-1.140 χ^2 /NDF:1298.4/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 59.276+/-0.785 χ^2 /NDF: 2831.3/21

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.963+/-0.689 χ^2/NDF : 317.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 8.539+/-0.697 χ^2/NDF : 319.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

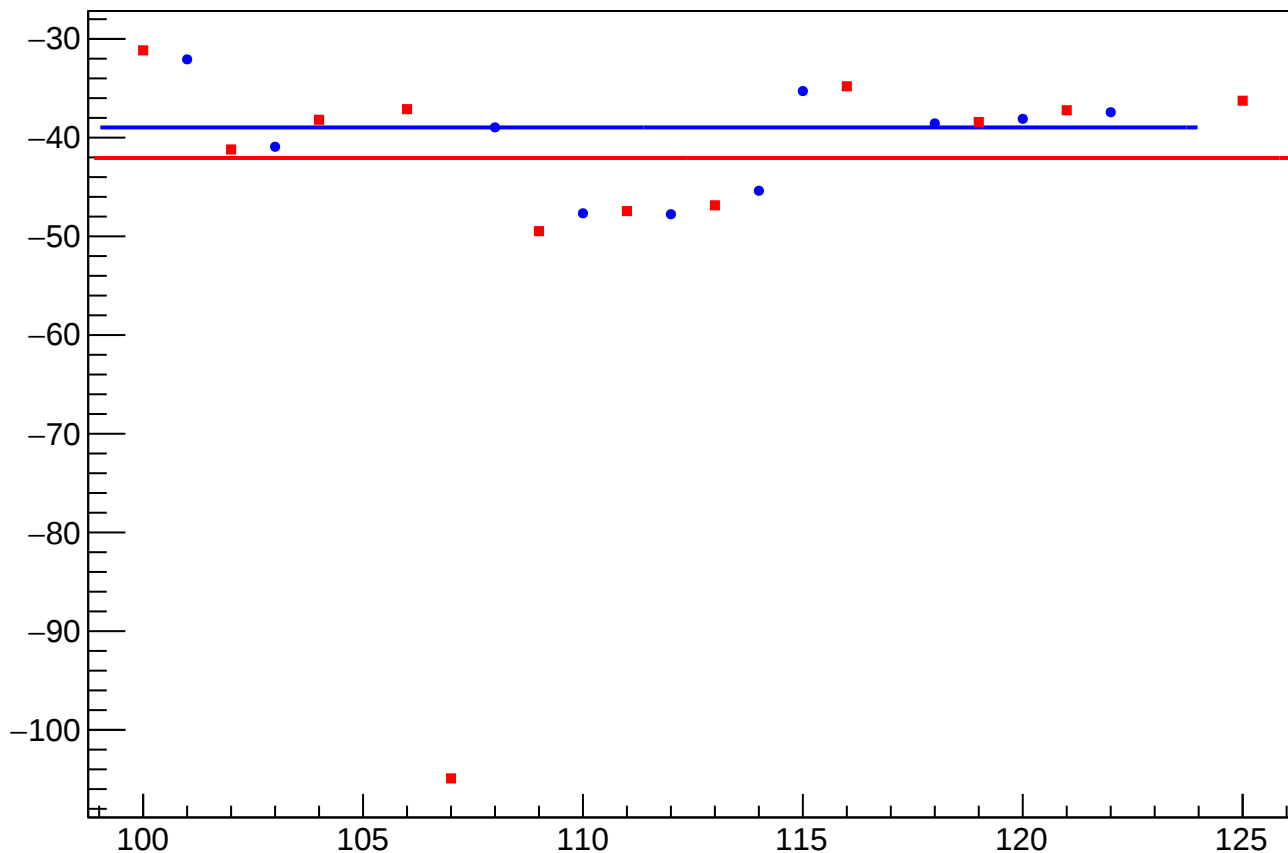
Right: 8.248+/-0.490 χ^2/NDF : 637.9/21

In: 7.963+/-0.689 χ^2/NDF :317.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 8.248+/-0.490 χ^2/NDF : 637.9/21

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.967 $\pm$ 0.042 χ^2 /NDF: 13858.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -42.061 $\pm$ 0.040 χ^2 /NDF: 82834.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

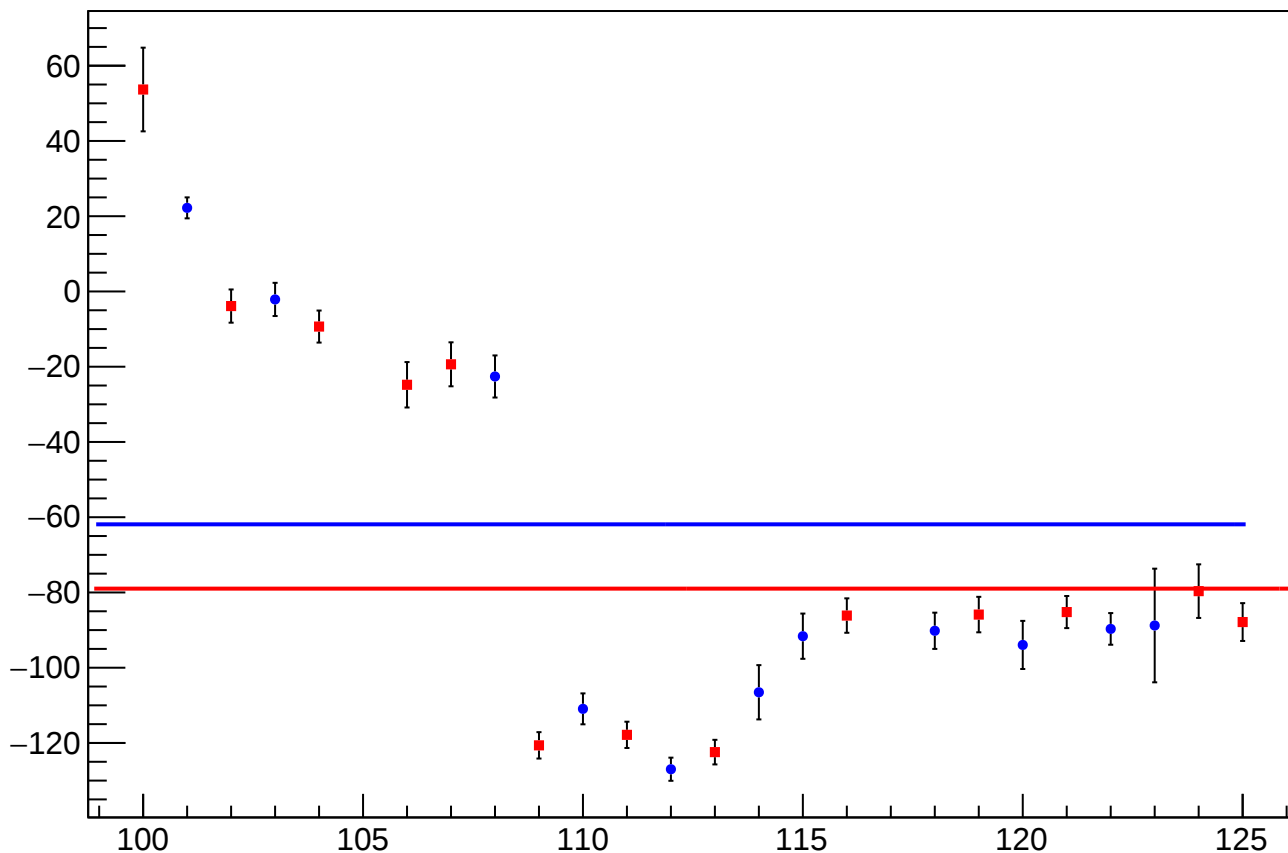
Right: -40.606 $\pm$ 0.029 χ^2 /NDF: 99543.5/21

In: -38.967 $\pm$ 0.042 χ^2 /NDF:13858.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -40.606 $\pm$ 0.029 χ^2 /NDF: 99543.5/21

reg_asym_usr_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -61.892+/-1.346 χ^2/NDF : 1903.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -78.981+/-1.255 χ^2/NDF : 1335.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

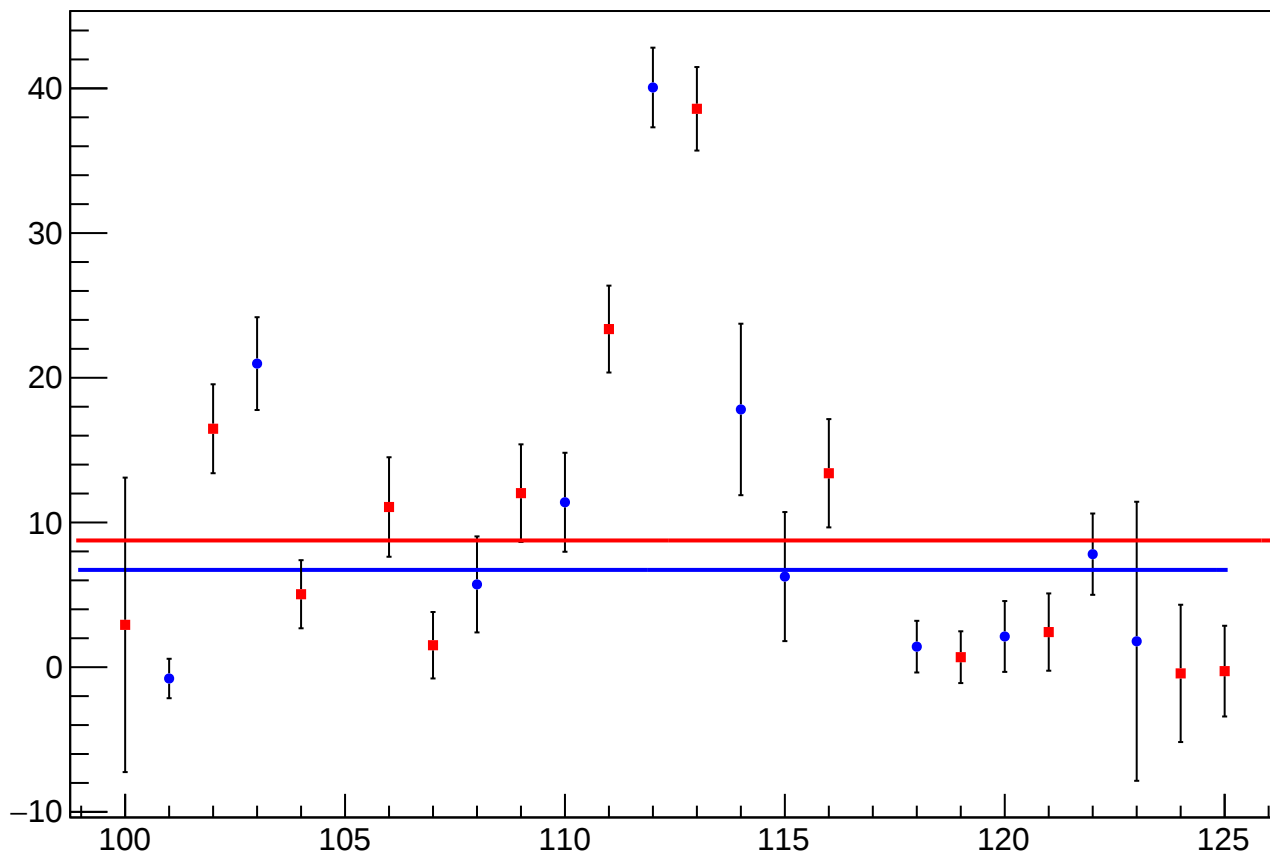
Right: -71.033+/-0.918 χ^2/NDF : 3324.6/23

In: -61.892+/-1.346 χ^2/NDF : 1903.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.033+/-0.918 χ^2/NDF : 3324.6/23

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.723+/-0.781 χ^2/NDF : 215.1/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 8.757+/-0.801 χ^2/NDF : 190.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

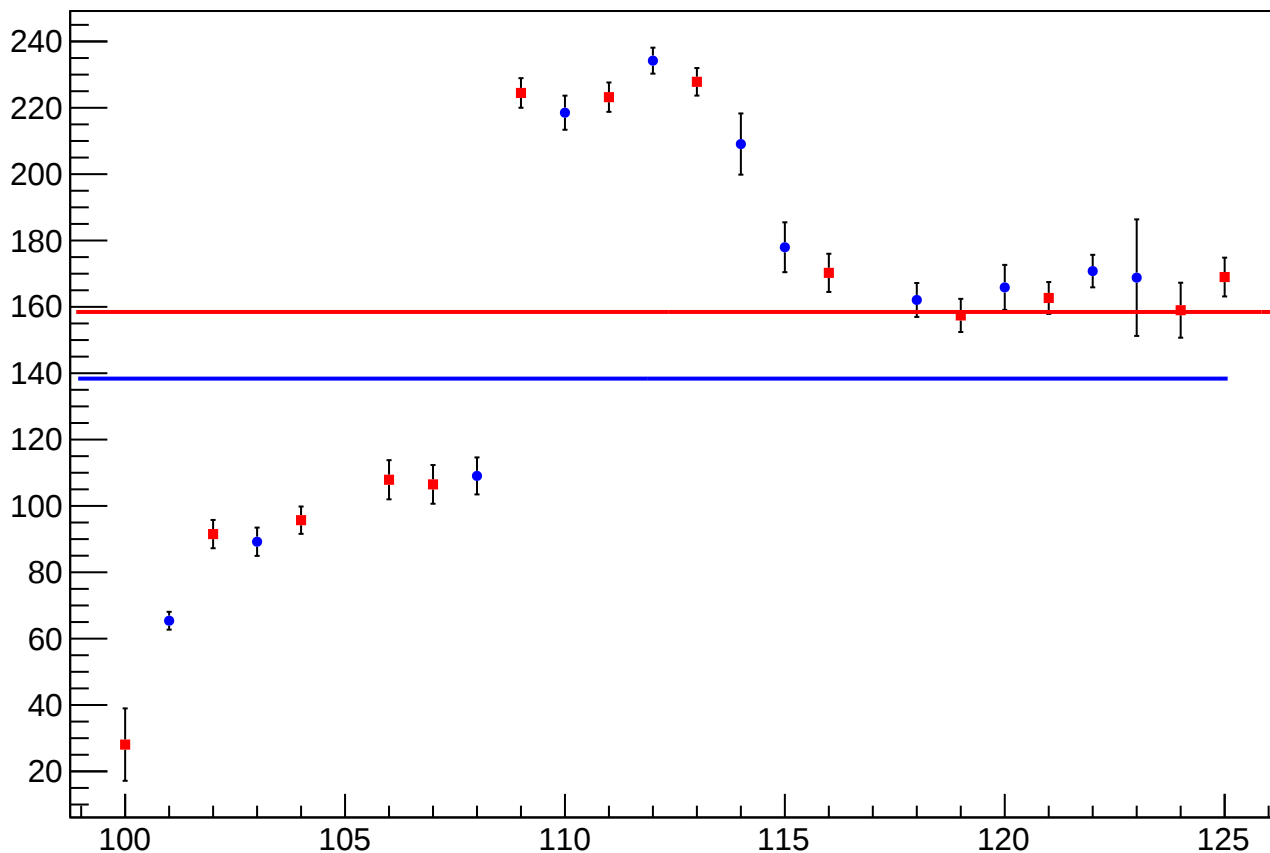
Right: 7.714+/-0.559 χ^2/NDF : 408.9/23

In: 6.723+/-0.781 χ^2/NDF :215.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7.714+/-0.559 χ^2/NDF : 408.9/23

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 138.378+/-1.469 χ^2/NDF : 1912.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 158.464+/-1.418 χ^2/NDF : 1494.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

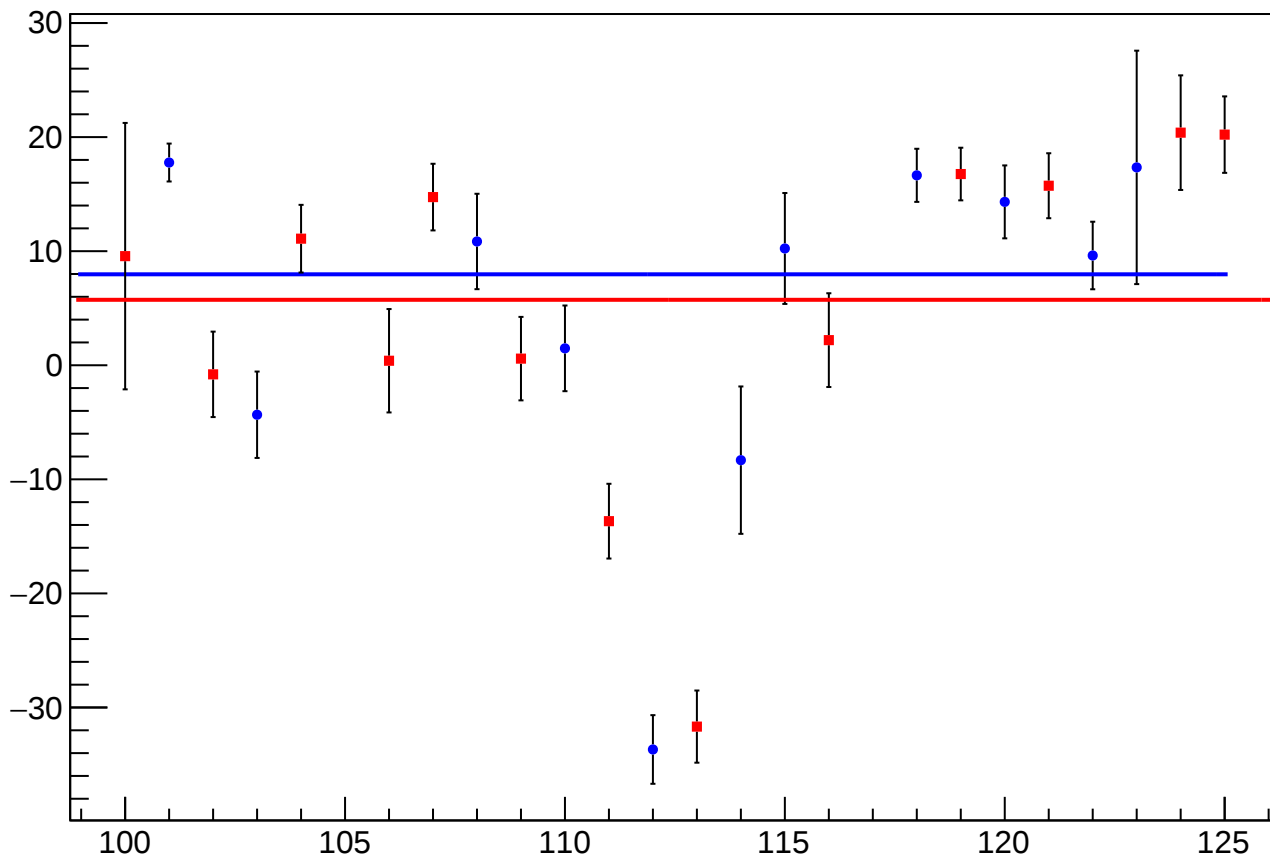
Right: 148.777+/-1.020 χ^2/NDF : 3503.1/23

In: 138.378+/-1.469 χ^2/NDF :1912.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 148.777+/-1.020 χ^2/NDF : 3503.1/23

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.973+/-0.935 χ^2/NDF : 266.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.738+/-0.943 χ^2/NDF : 257.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

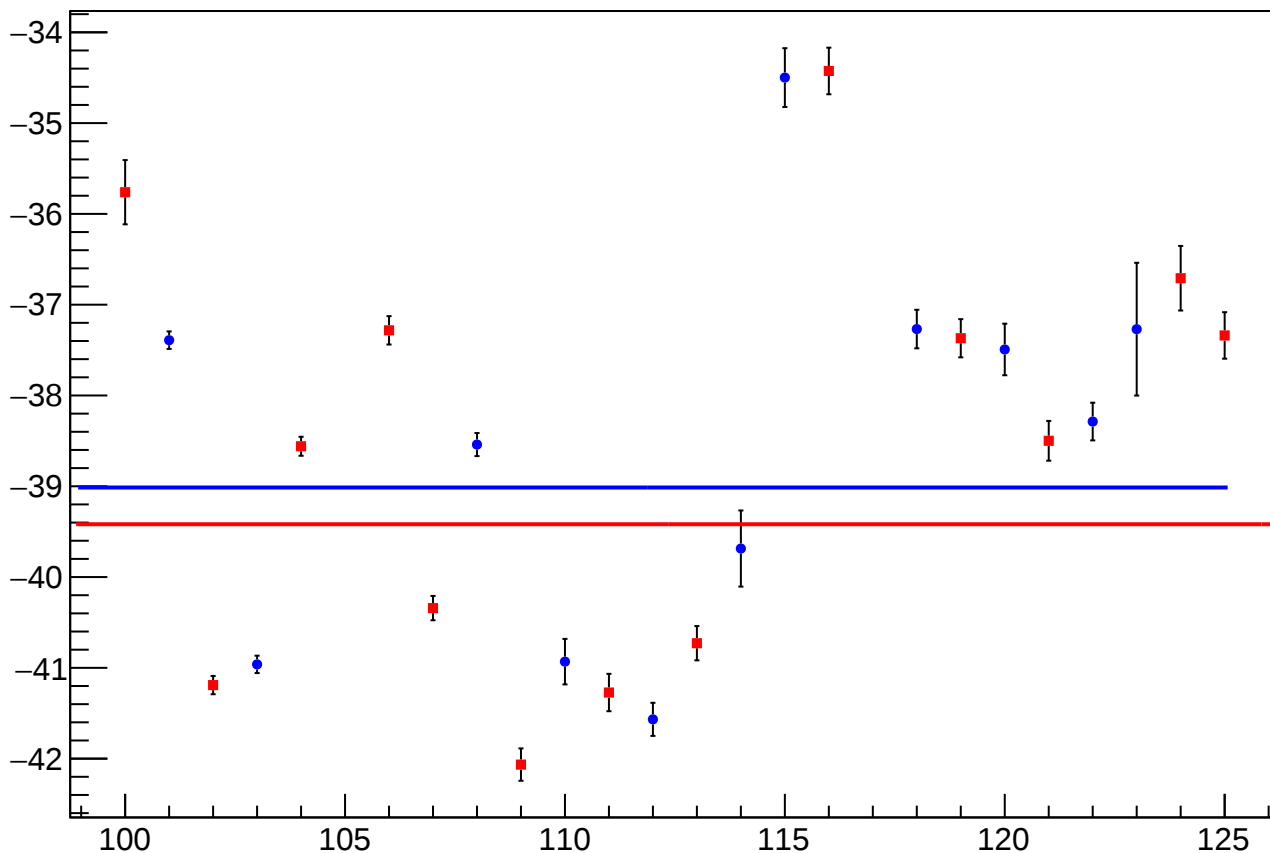
Right: 6.864+/-0.664 χ^2/NDF : 526.2/23

In: 7.973+/-0.935 χ^2/NDF : 266.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.864+/-0.664 χ^2/NDF : 526.2/23

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.014+/-0.050 χ^2/NDF : 1277.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -39.418+/-0.047 χ^2/NDF : 1682.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

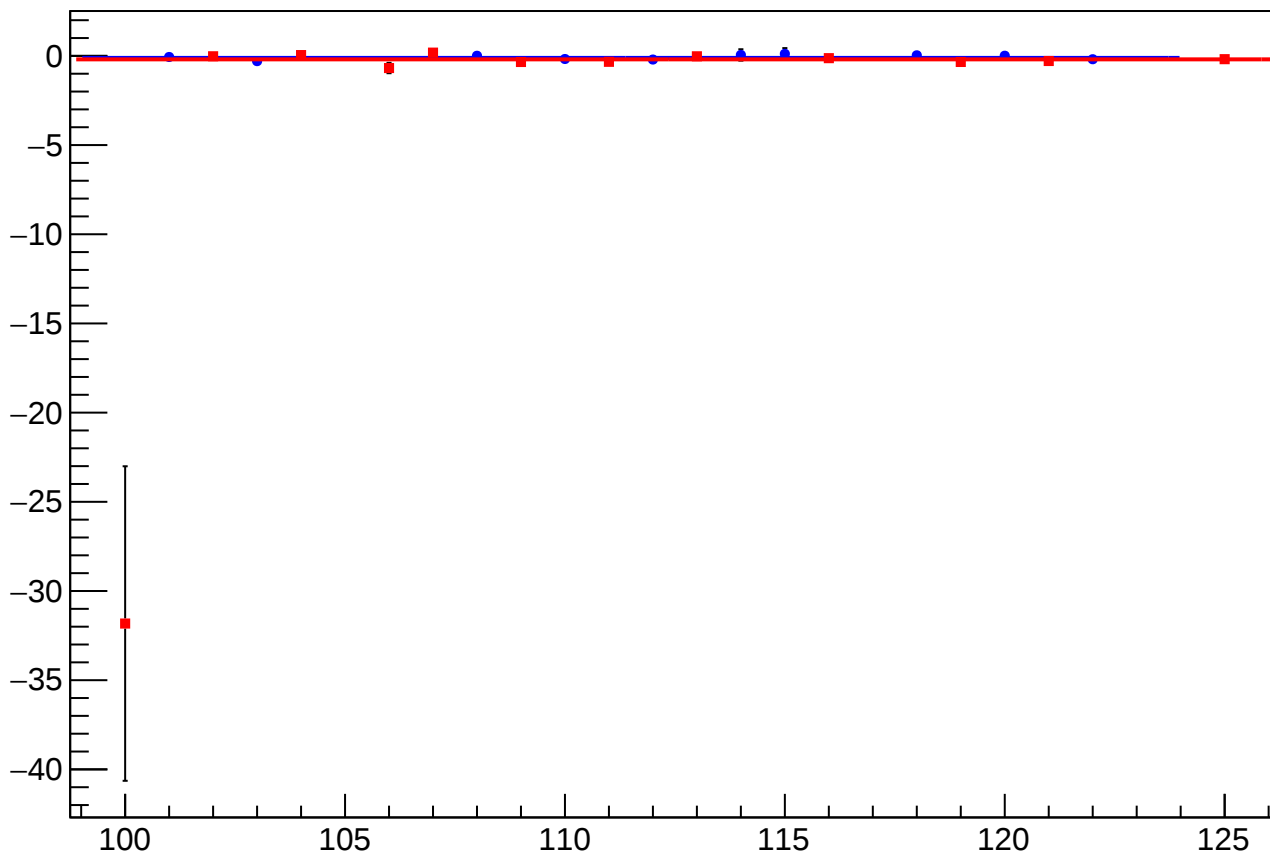
Right: -39.230+/-0.034 χ^2/NDF : 2994.4/23

In: -39.014+/-0.050 χ^2/NDF :1277.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -39.230+/-0.034 χ^2/NDF : 2994.4/23

reg_asym_dsl_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.113 ± 0.063 $\chi^2/\text{NDF}: 3.4/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.195 ± 0.059 $\chi^2/\text{NDF}: 23.4/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

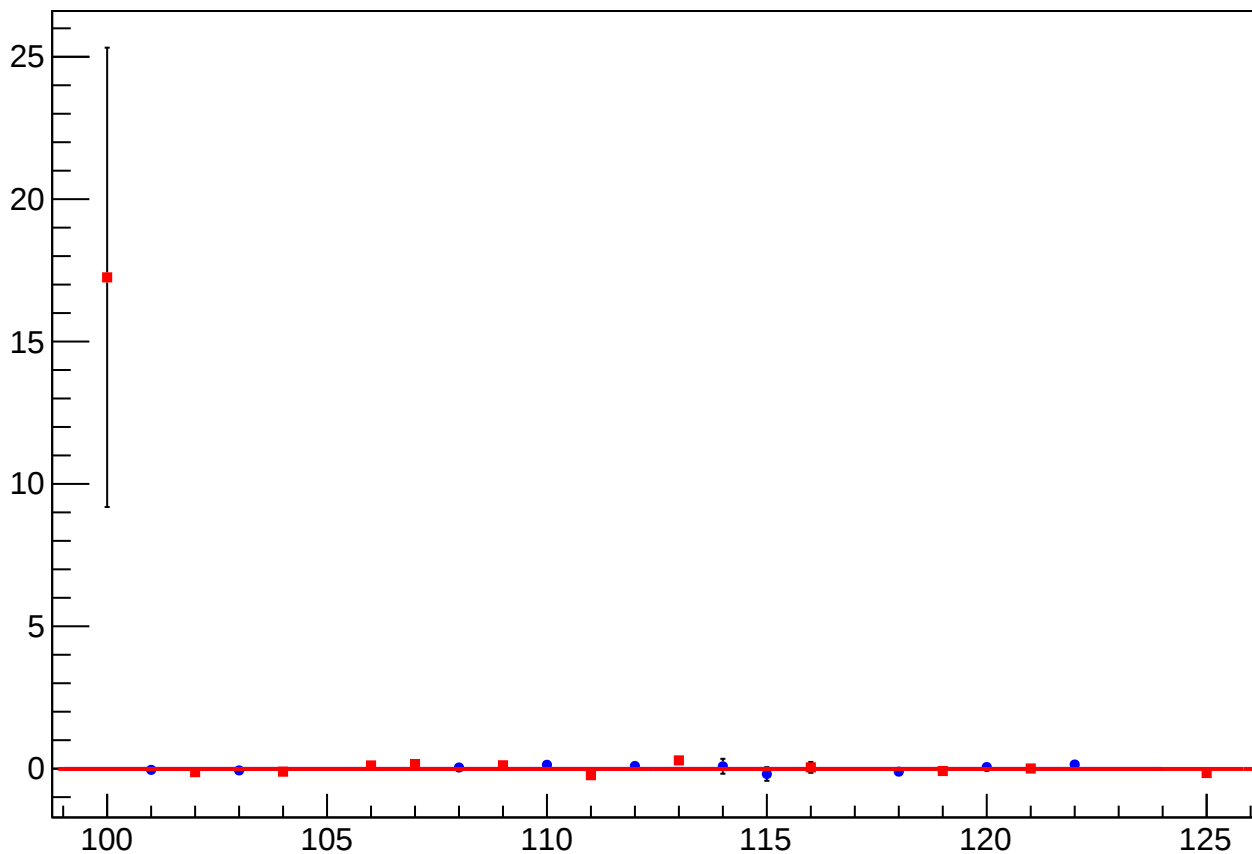
Right: -0.157 ± 0.043 $\chi^2/\text{NDF}: 27.7/21$

In: -0.113 ± 0.063 $\chi^2/\text{NDF}: 3.4/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.157 ± 0.043 $\chi^2/\text{NDF}: 27.7/21$

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.009+/-0.036 χ^2/NDF : 5.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.010+/-0.038 χ^2/NDF : 18.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

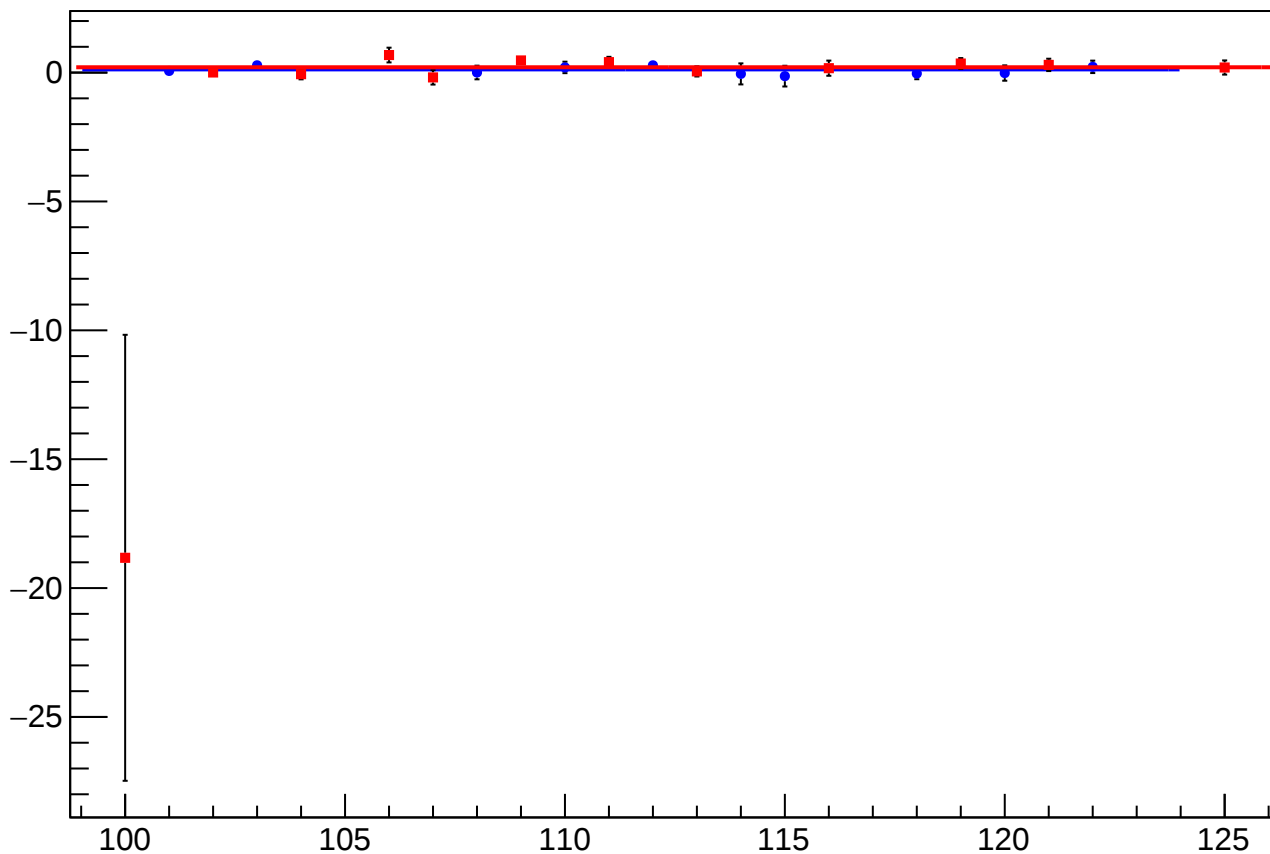
Right: -0.010+/-0.026 χ^2/NDF : 24.9/21

In: -0.009+/-0.036 χ^2/NDF : 5.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.026 χ^2/NDF : 24.9/21

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.123+/-0.068 χ^2/NDF : 3.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.206+/-0.067 χ^2/NDF : 16.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

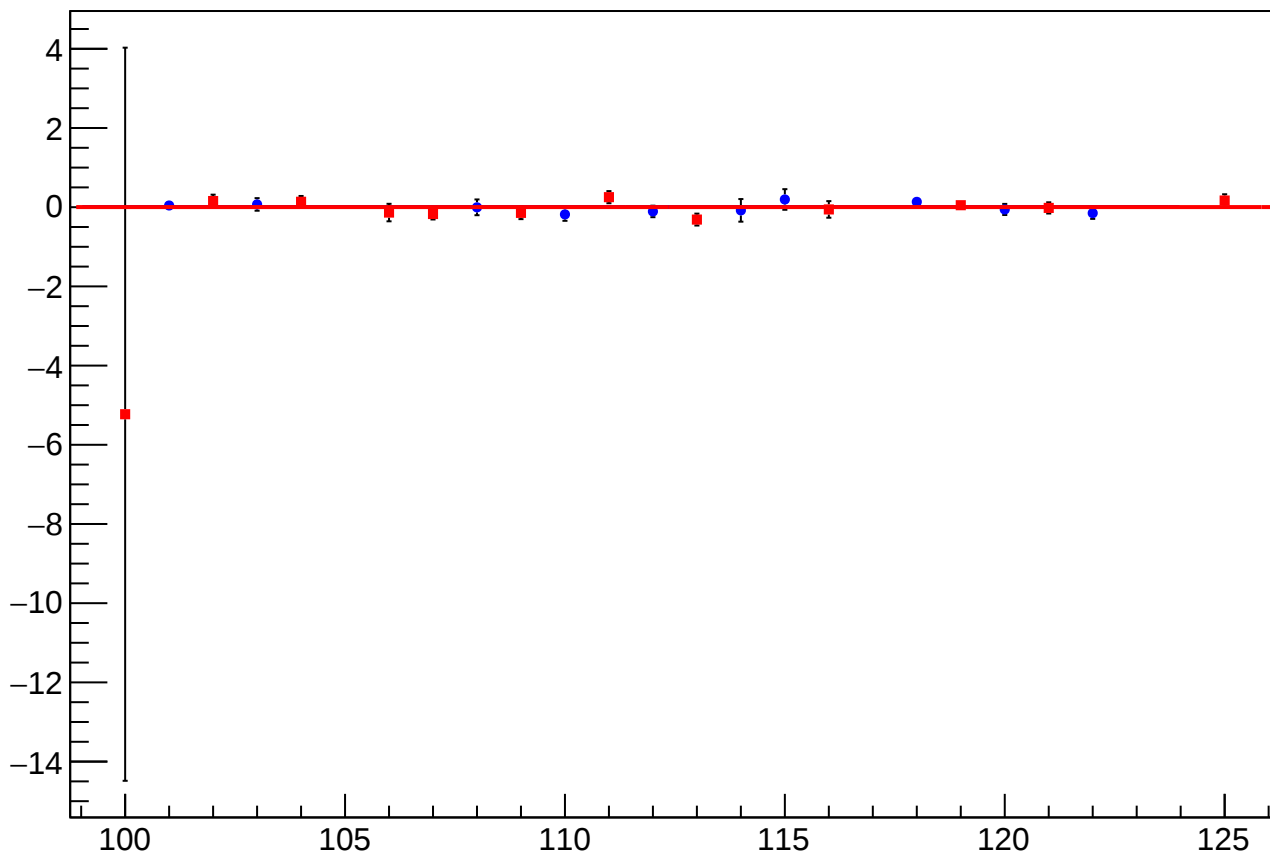
Right: 0.165+/-0.048 χ^2/NDF : 21.1/21

In: 0.123+/-0.068 χ^2/NDF : 3.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.165+/-0.048 χ^2/NDF : 21.1/21

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.005+/-0.044 χ^2/NDF : 5.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.045 χ^2/NDF : 13.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

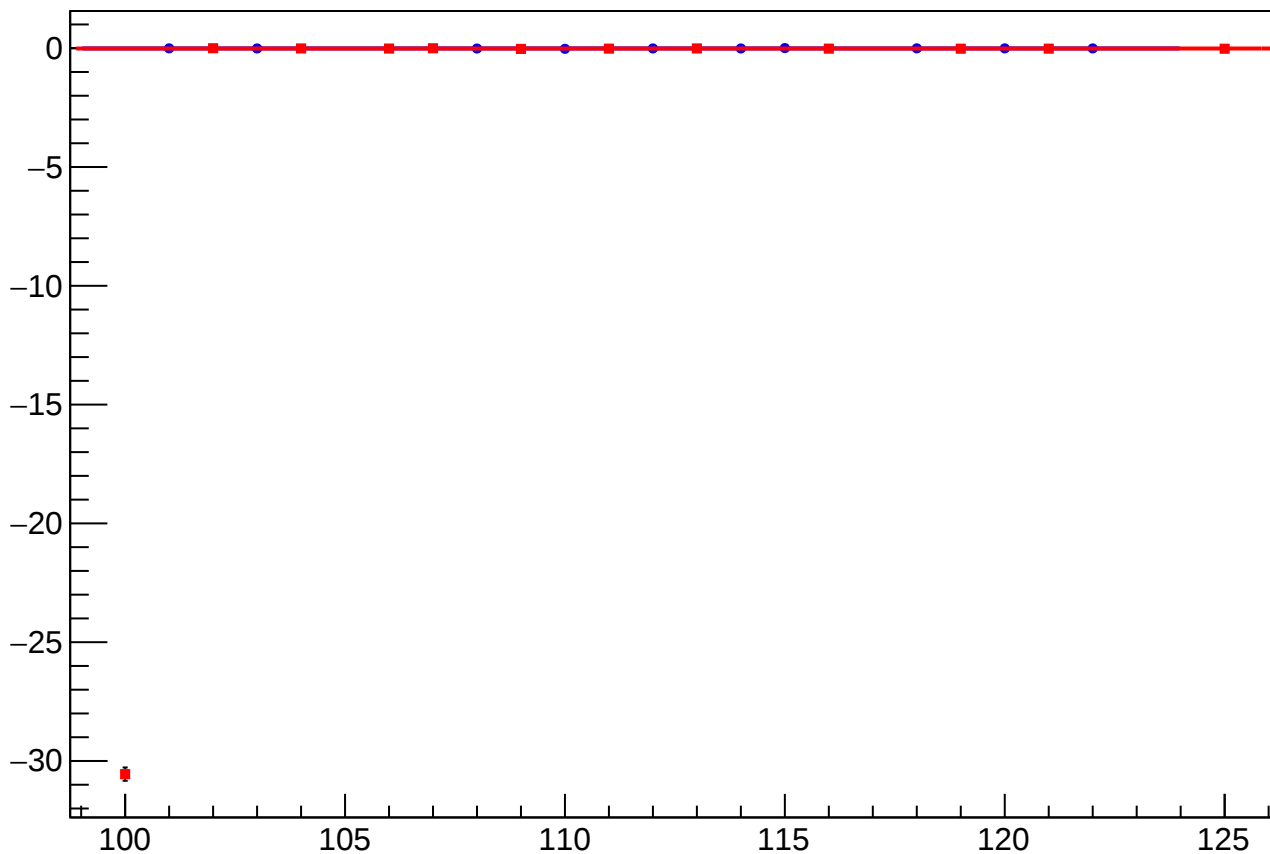
Right: 0.004+/-0.031 χ^2/NDF : 19.4/21

In: 0.005+/-0.044 χ^2/NDF : 5.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.031 χ^2/NDF : 19.4/21

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.009+/-0.002 χ^2 /NDF: 4.5/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.012+/-0.002 χ^2 /NDF: 11883.7/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

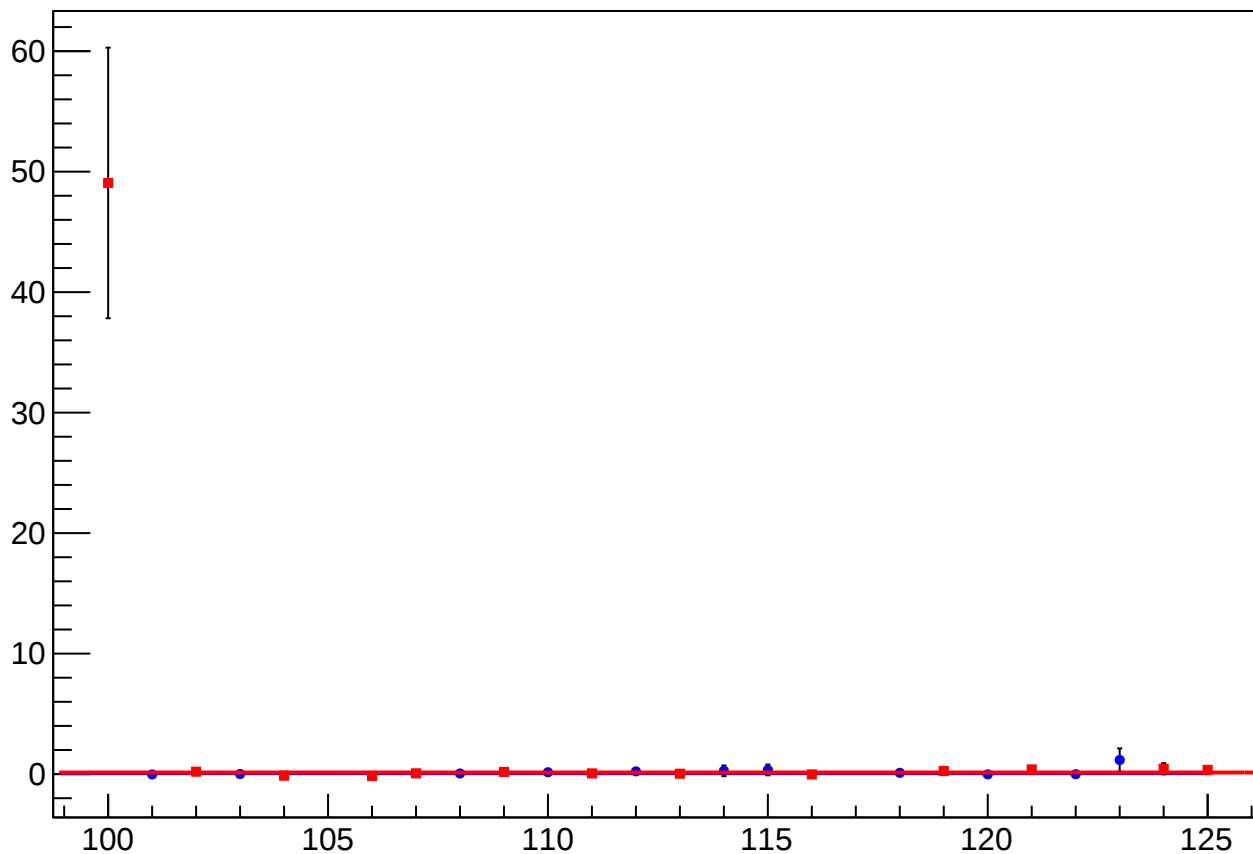
Right: -0.011+/-0.002 χ^2 /NDF: 11889.1/21

In: -0.009+/-0.002 χ^2 /NDF:4.5/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.011+/-0.002 χ^2 /NDF: 11889.1/21

reg_asym_dsr_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 0.077+/-0.079 χ^2/NDF : 3.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.132+/-0.077 χ^2/NDF : 23.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

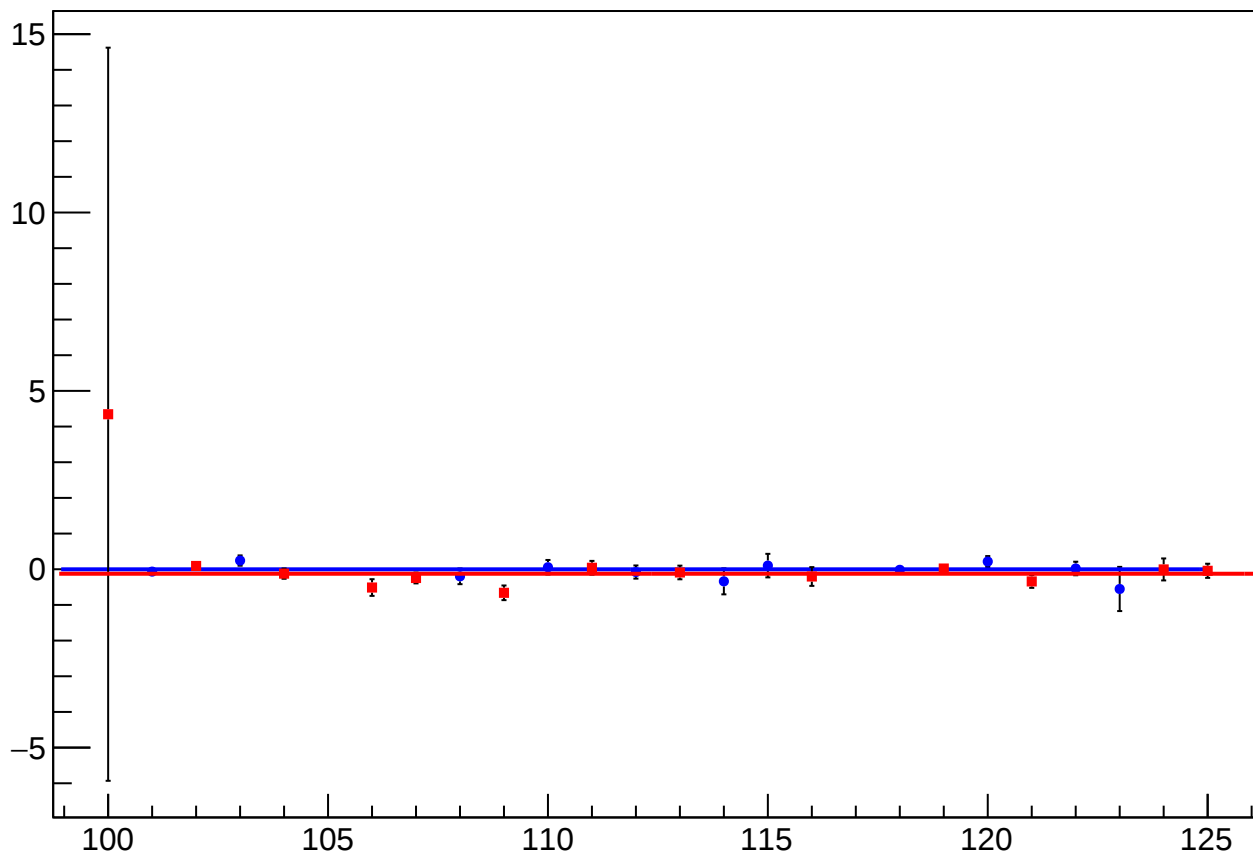
Right: 0.105+/-0.055 χ^2/NDF : 26.8/23

In: 0.077+/-0.079 χ^2/NDF : 3.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.105+/-0.055 χ^2/NDF : 26.8/23

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.045 χ^2/NDF : 8.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.126 ± 0.050 χ^2/NDF : 17.2/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

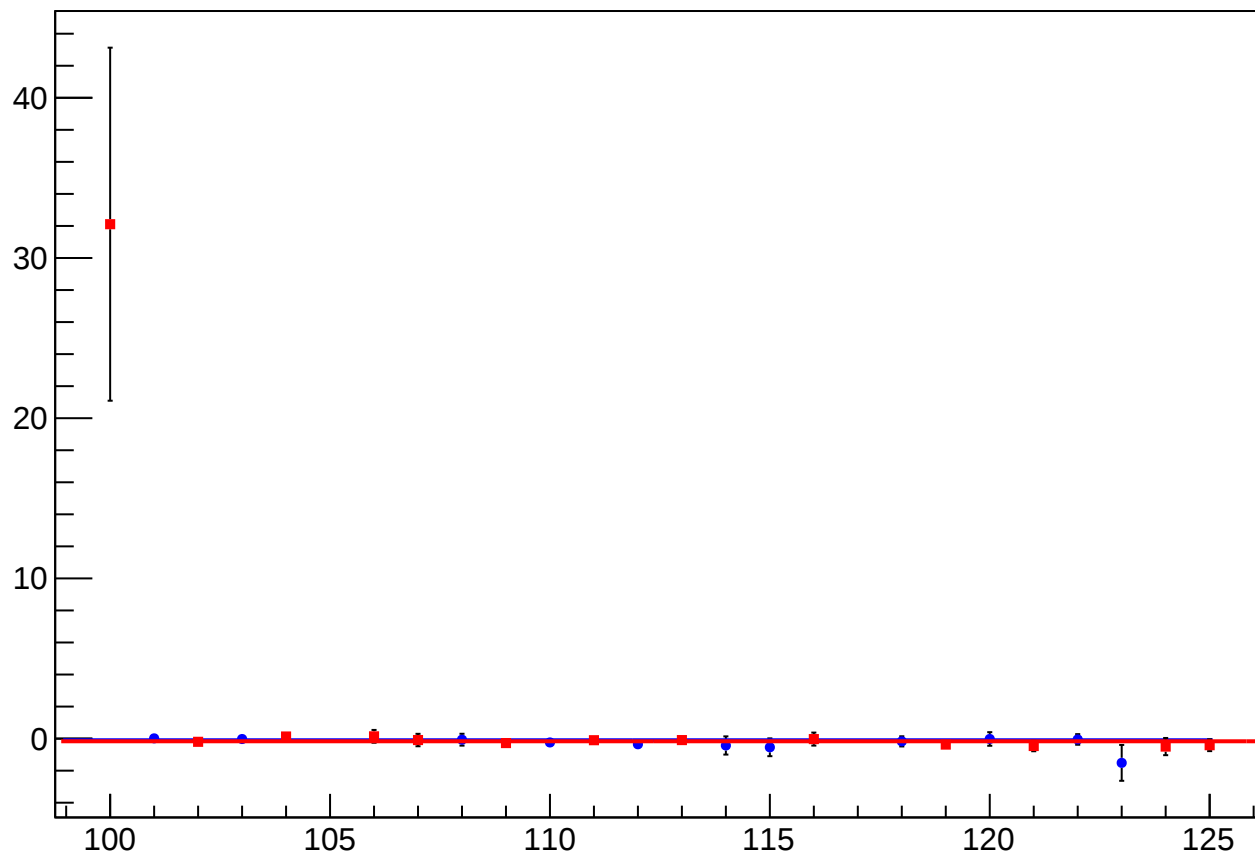
Right: -0.058 ± 0.033 χ^2/NDF : 29.2/23

In: -0.002 ± 0.045 χ^2/NDF : 8.6/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.058 ± 0.033 χ^2/NDF : 29.2/23

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.102 ± 0.084 χ^2/NDF : 4.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.166 ± 0.086 χ^2/NDF : 13.3/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

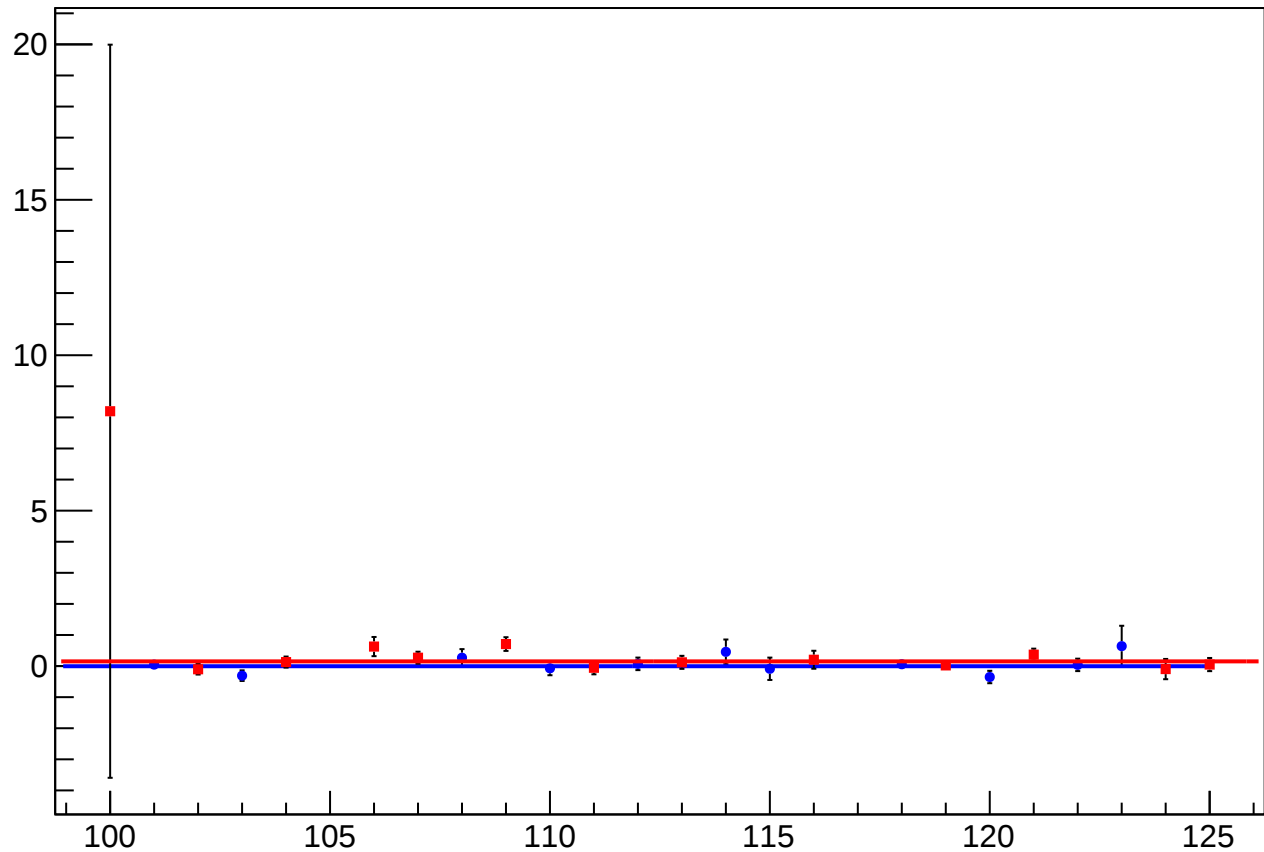
Right: -0.133 ± 0.060 χ^2/NDF : 18.2/23

In: -0.102 ± 0.084 χ^2/NDF : 4.6/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.133 ± 0.060 χ^2/NDF : 18.2/23

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.005+/-0.054 χ^2/NDF : 10.4/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.151+/-0.059 χ^2/NDF : 15.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

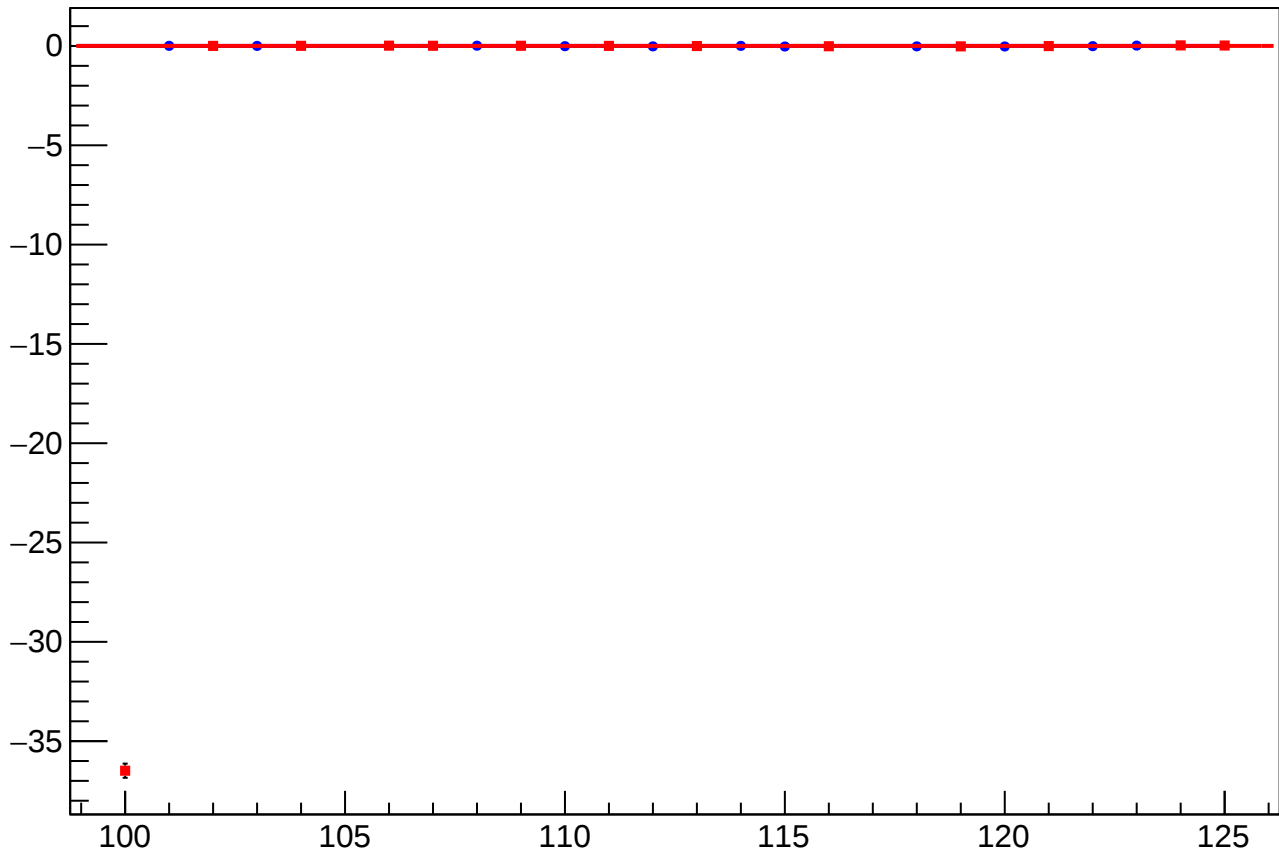
Right: 0.067+/-0.040 χ^2/NDF : 30.1/23

In: -0.005+/-0.054 χ^2/NDF :10.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.067+/-0.040 χ^2/NDF : 30.1/23

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.003+/-0.003 χ^2/NDF : 14.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.003 χ^2/NDF : 10440.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

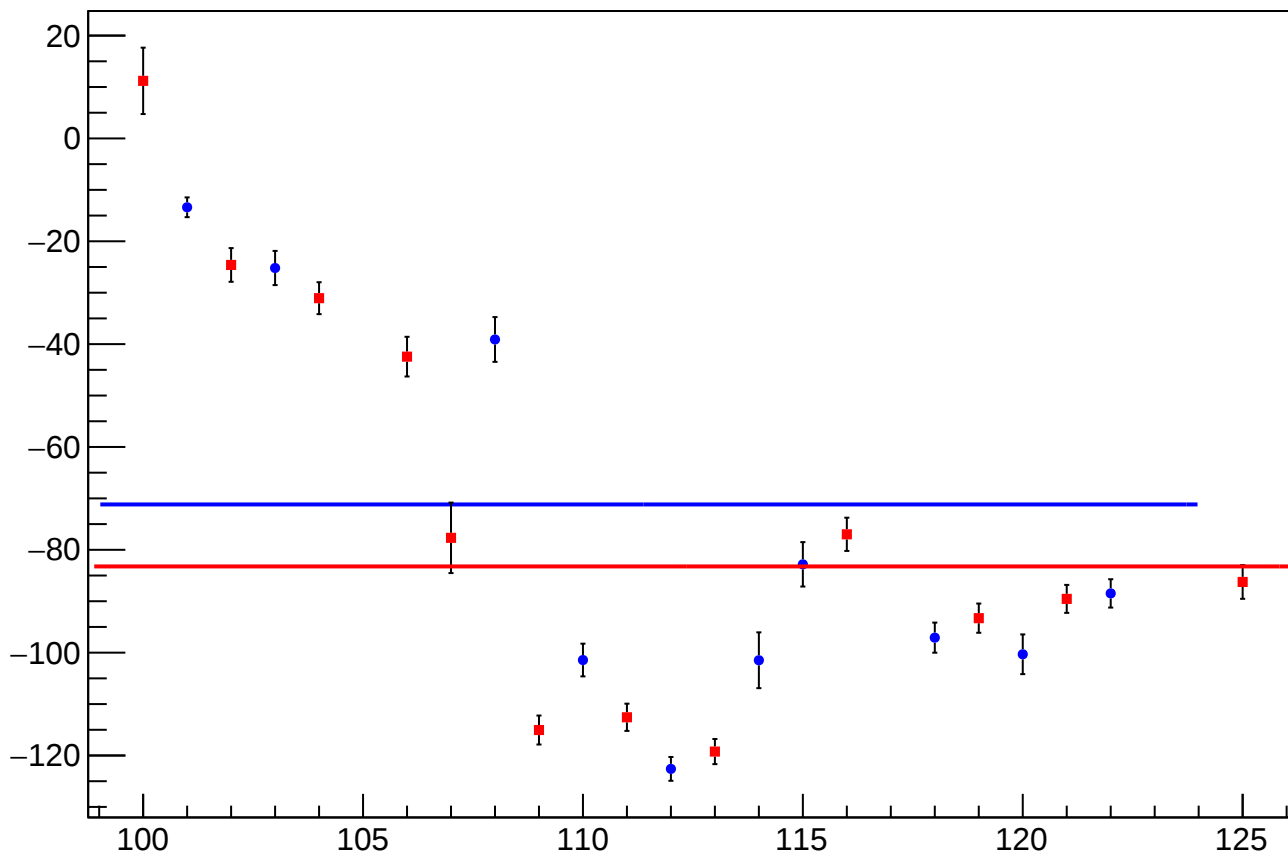
Right: 0.003+/-0.002 χ^2/NDF : 10454.7/23

In: 0.003+/-0.003 χ^2/NDF : 14.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.002 χ^2/NDF : 10454.7/23

reg_asym_us_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -71.177+/-0.953 χ^2/NDF : 1945.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -83.231+/-0.916 χ^2/NDF : 1418.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

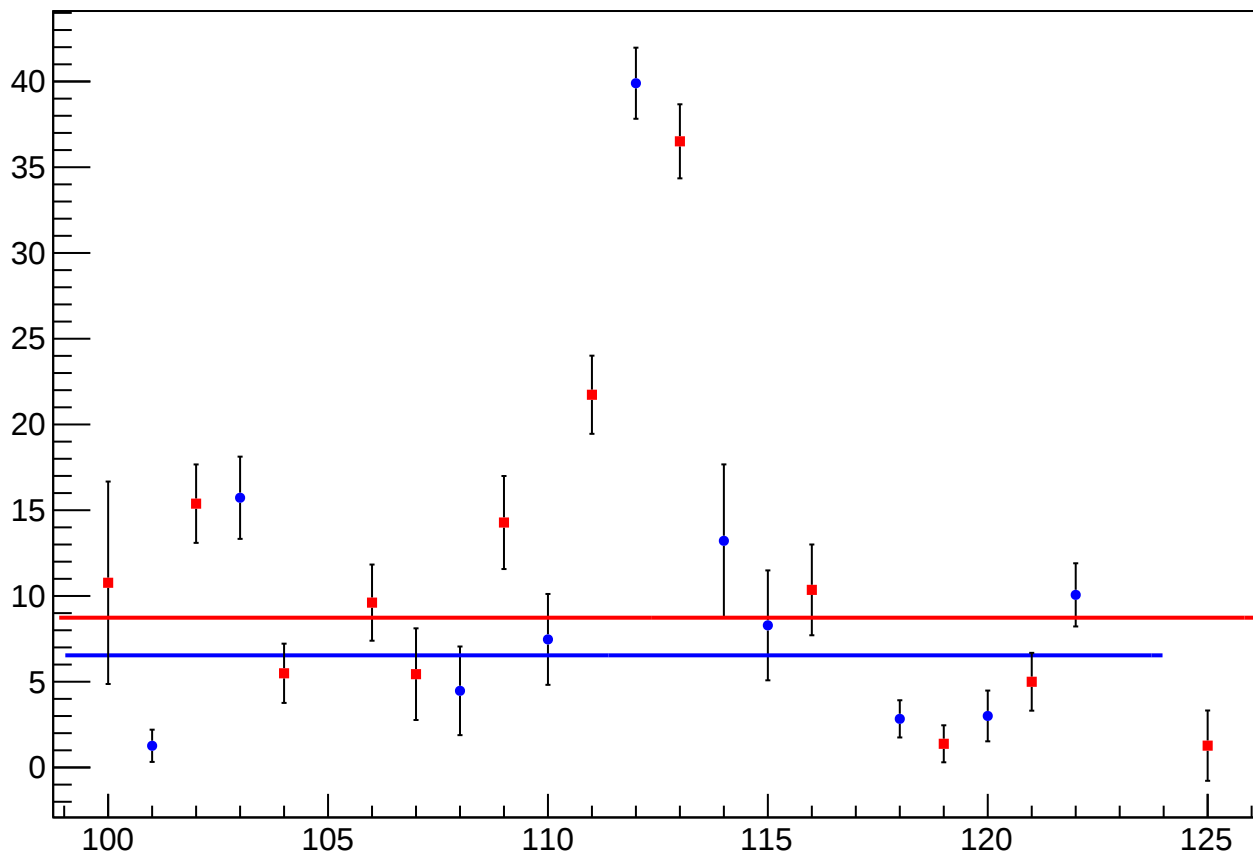
Right: -77.442+/-0.660 χ^2/NDF : 3447.6/21

In: -71.177+/-0.953 χ^2/NDF : 1945.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -77.442+/-0.660 χ^2/NDF : 3447.6/21

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.538+/-0.529 χ^2/NDF : 329.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.733+/-0.574 χ^2/NDF : 281.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

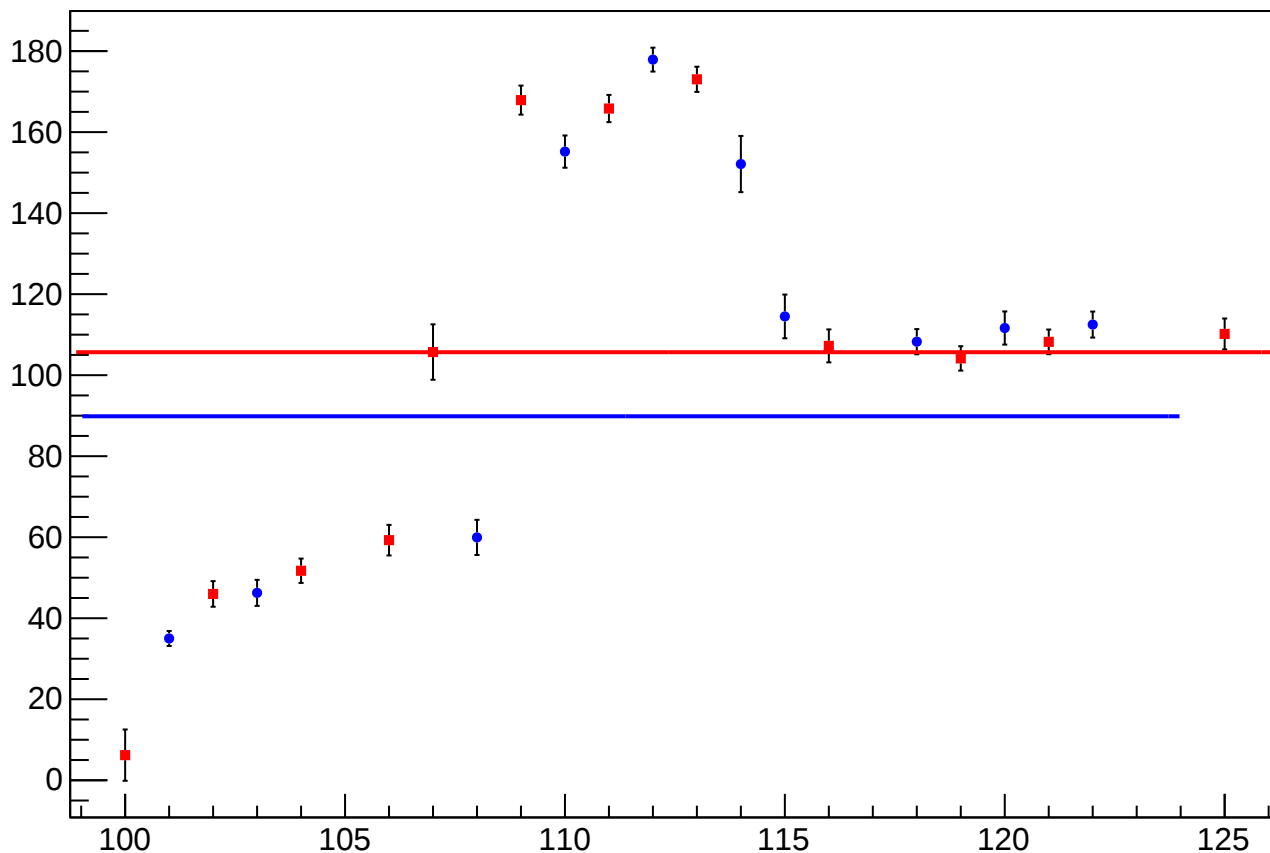
Right: 7.545+/-0.389 χ^2/NDF : 618.3/21

In: 6.538+/-0.529 χ^2/NDF : 329.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.545+/-0.389 χ^2/NDF : 618.3/21

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 89.852+/-1.034 χ^2/NDF : 2483.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 105.671+/-1.029 χ^2/NDF : 2170.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

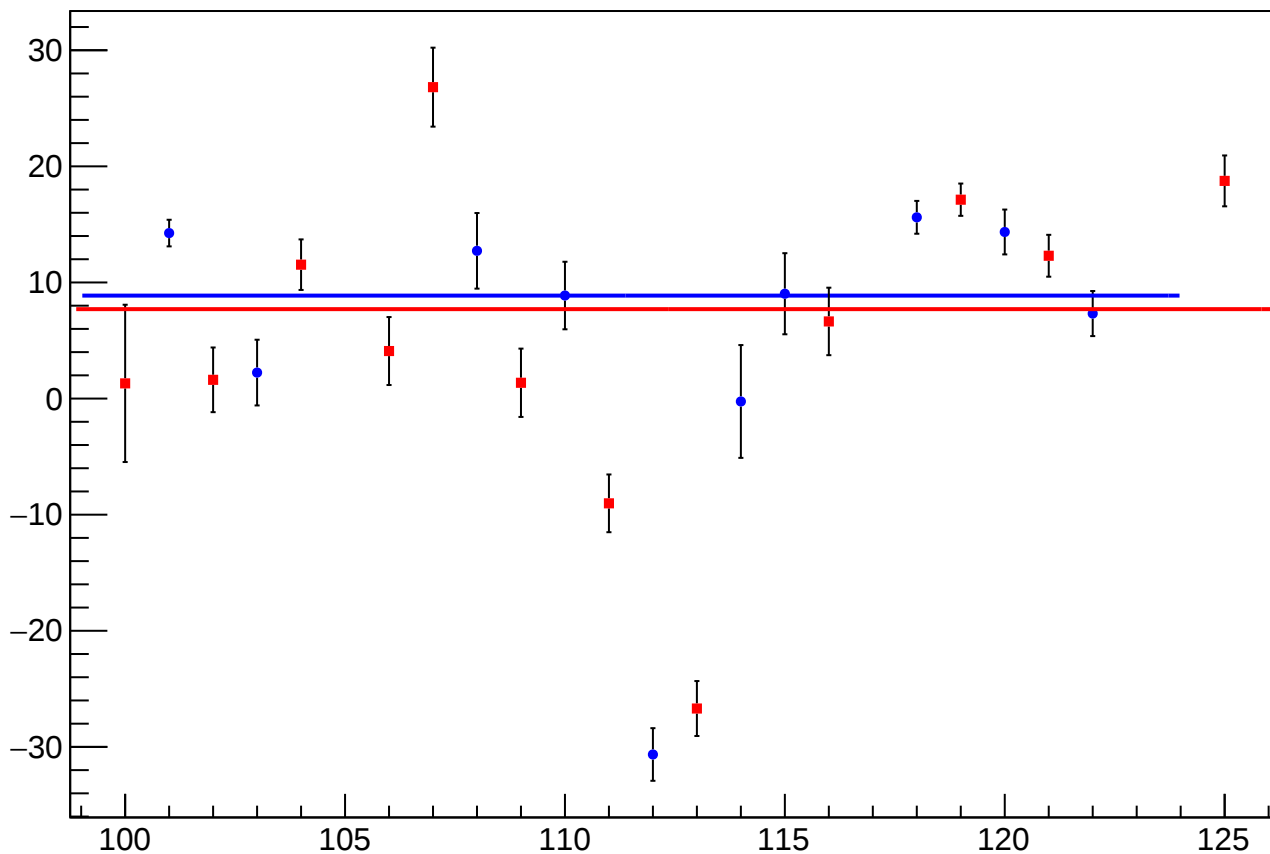
Right: 97.803+/-0.729 χ^2/NDF : 4771.8/21

In: 89.852+/-1.034 χ^2/NDF :2483.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 97.803+/-0.729 χ^2/NDF : 4771.8/21

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.868+/-0.639 χ^2/NDF : 368.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 7.702+/-0.678 χ^2/NDF : 381.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

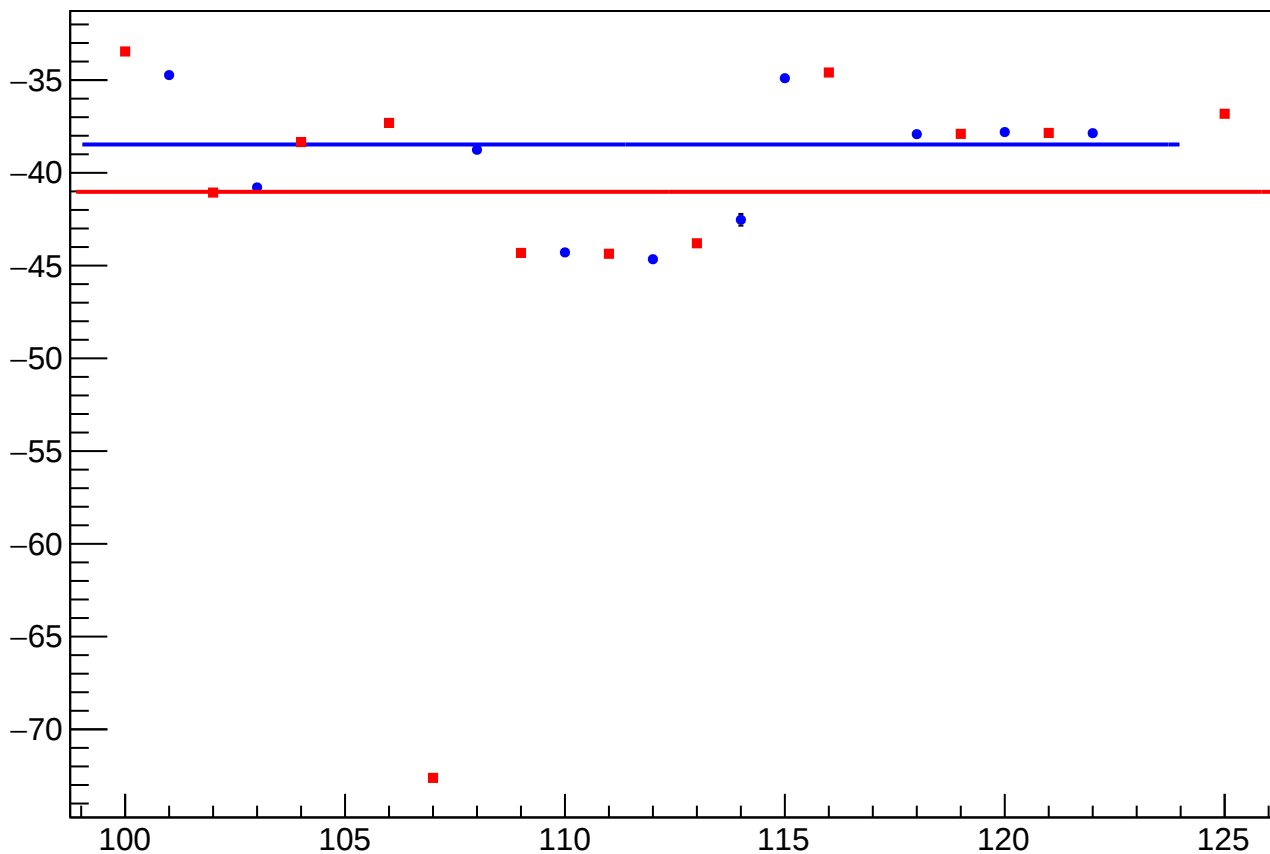
Right: 8.320+/-0.465 χ^2/NDF : 750.7/21

In: 8.868+/-0.639 χ^2/NDF :368.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 8.320+/-0.465 χ^2/NDF : 750.7/21

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.471+/-0.036 χ^2/NDF : 7575.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.024+/-0.035 χ^2/NDF : 48734.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

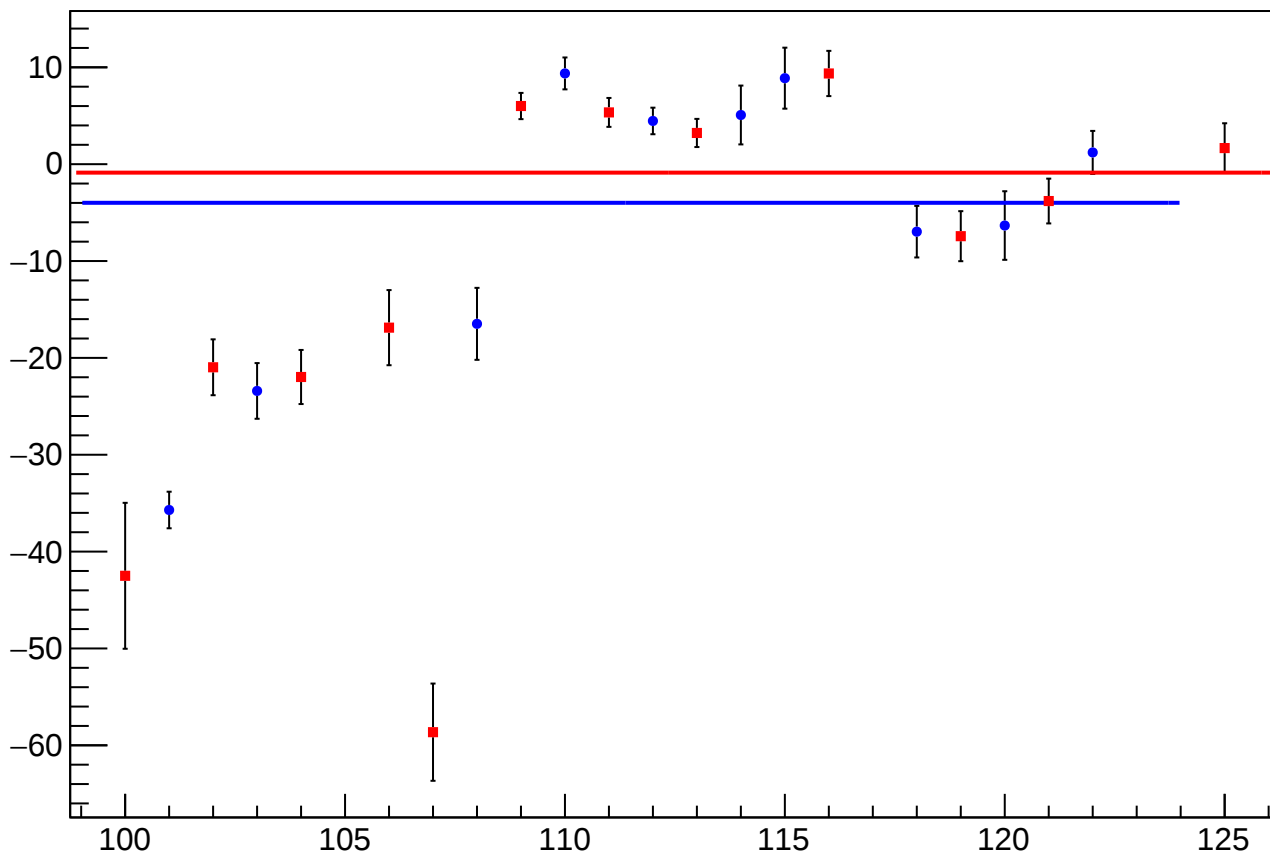
Right: -39.795+/-0.025 χ^2/NDF : 58931.8/21

In: -38.471+/-0.036 χ^2/NDF : 7575.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.795+/-0.025 χ^2/NDF : 58931.8/21

reg_asym_us_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -3.988+/-0.706 χ^2/NDF : 475.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.873+/-0.631 χ^2/NDF : 365.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

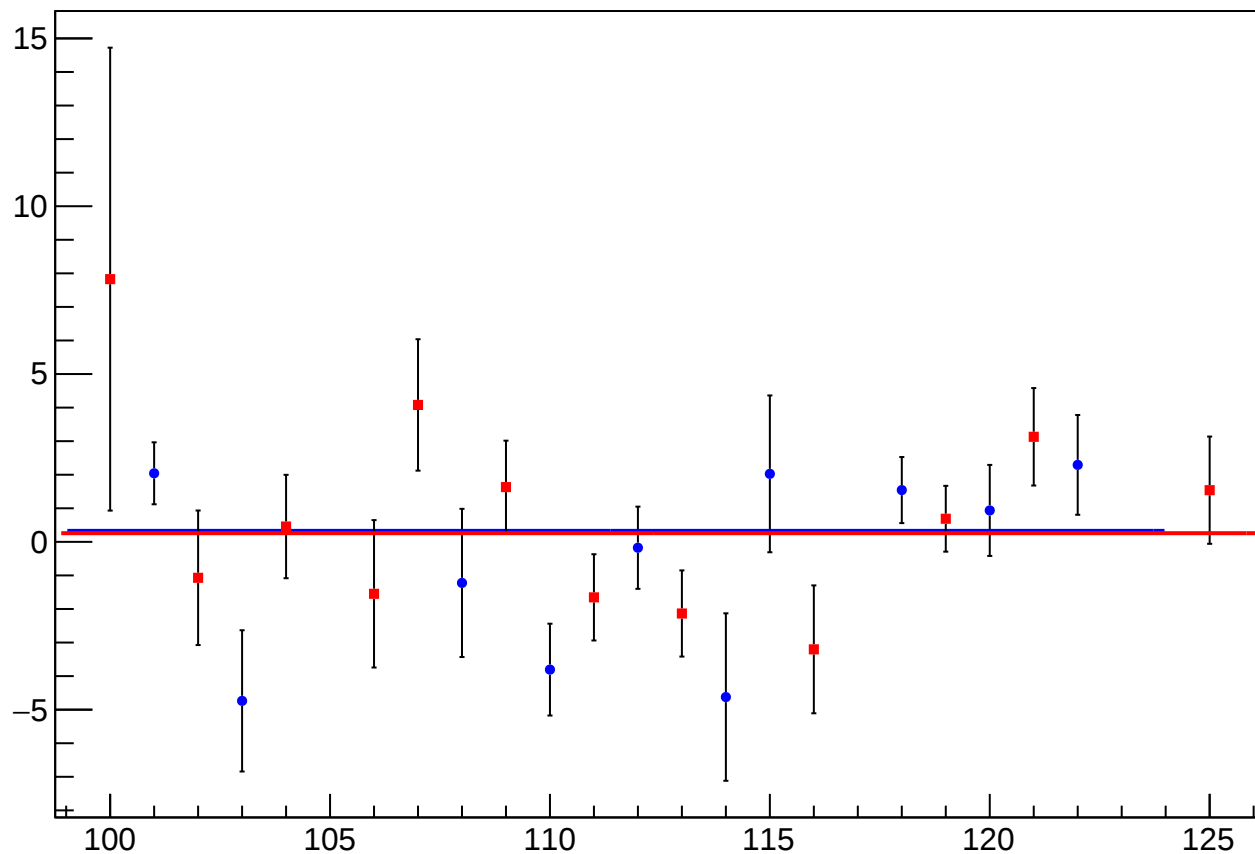
Right: -2.257+/-0.470 χ^2/NDF : 851.5/21

In: -3.988+/-0.706 χ^2/NDF :475.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.257+/-0.470 χ^2/NDF : 851.5/21

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.327+/-0.439 χ^2/NDF : 27.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.258+/-0.444 χ^2/NDF : 20.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

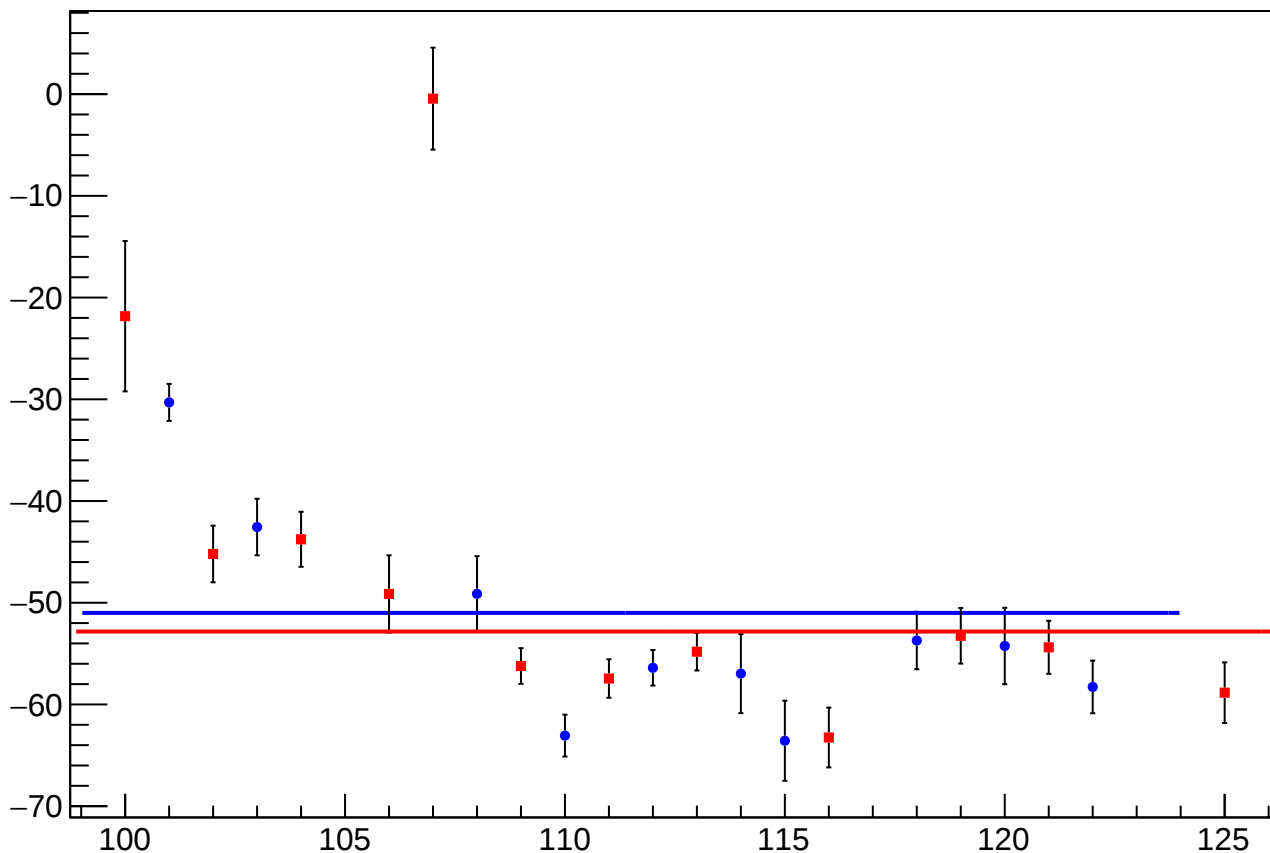
Right: 0.293+/-0.312 χ^2/NDF : 47.9/21

In: 0.327+/-0.439 χ^2/NDF : 27.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.293+/-0.312 χ^2/NDF : 47.9/21

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.999 ± 0.805 χ^2/NDF : 204.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -52.833 ± 0.745 χ^2/NDF : 174.5/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

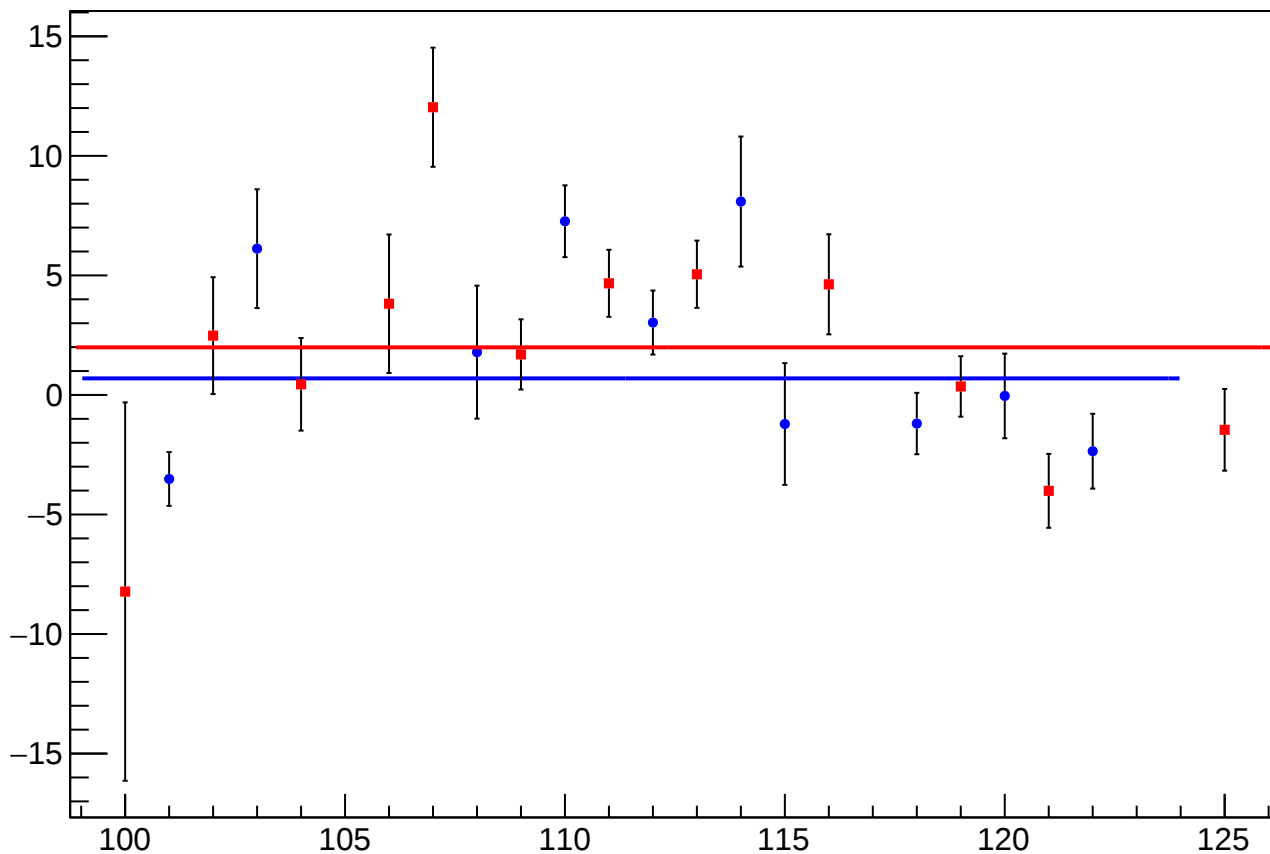
Right: -51.986 ± 0.547 χ^2/NDF : 382.1/21

In: -50.999 ± 0.805 χ^2/NDF : 204.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -51.986 ± 0.547 χ^2/NDF : 382.1/21

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.693+/-0.520 χ^2/NDF : 55.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.991+/-0.511 χ^2/NDF : 49.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

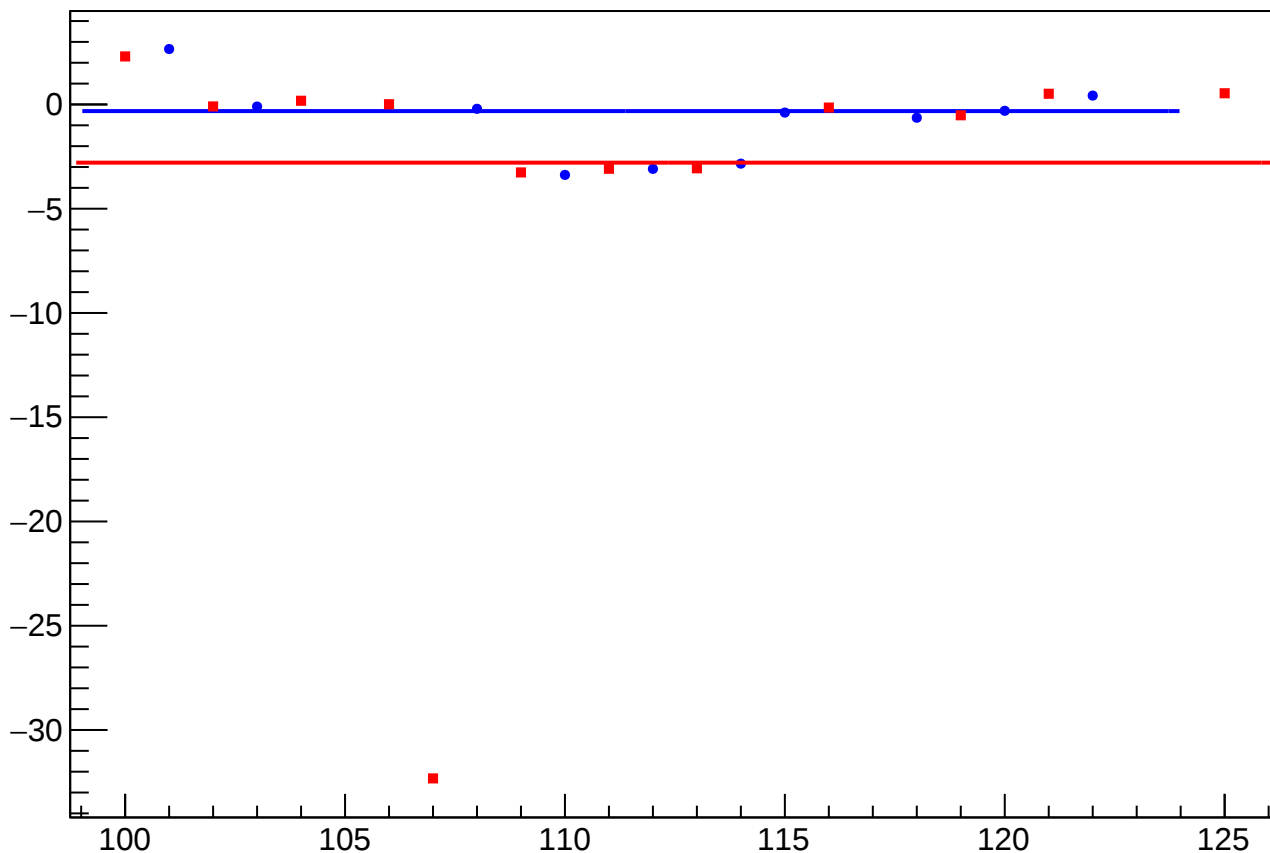
Right: 1.352+/-0.364 χ^2/NDF : 108.1/21

In: 0.693+/-0.520 χ^2/NDF : 55.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.352+/-0.364 χ^2/NDF : 108.1/21

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.318+/-0.030 χ^2/NDF : 4433.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.791+/-0.027 χ^2/NDF : 72964.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

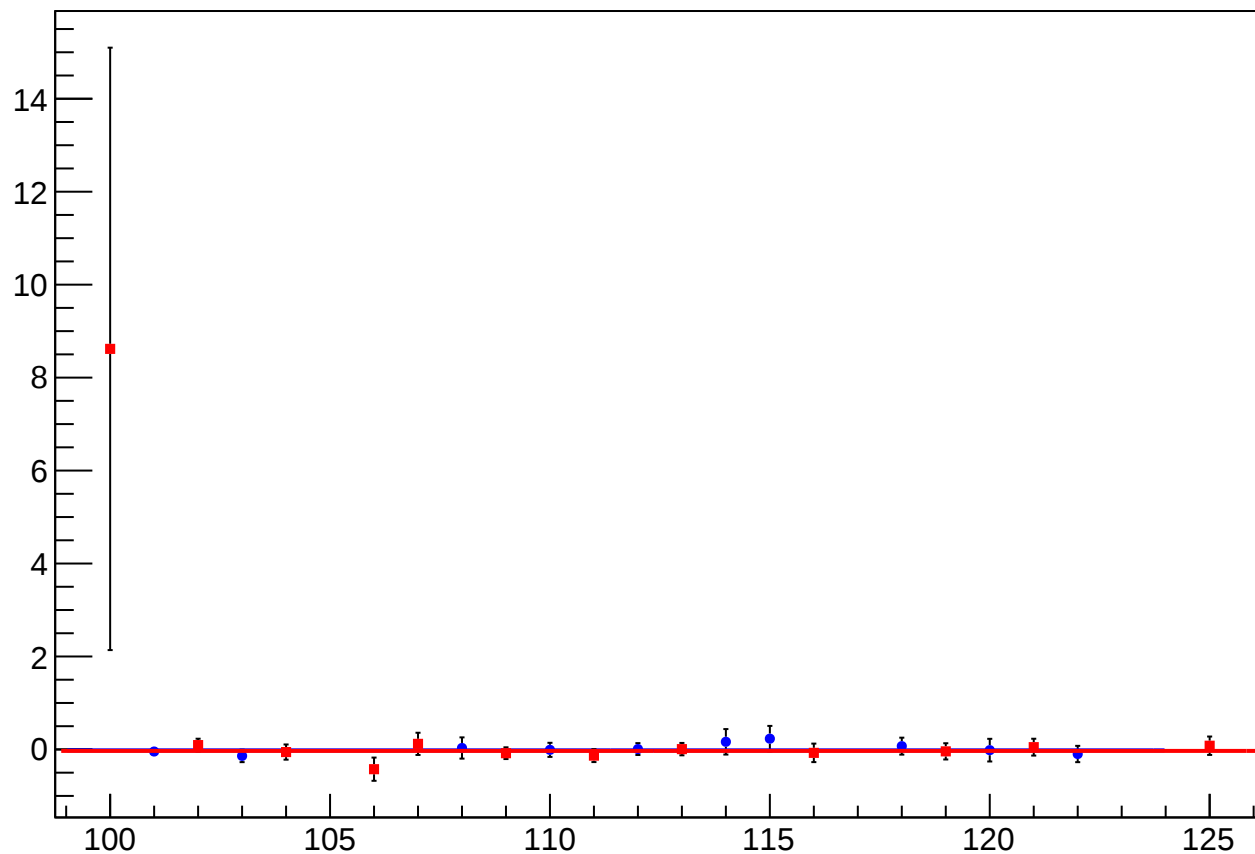
Right: -1.647+/-0.020 χ^2/NDF : 81160.4/21

In: -0.318+/-0.030 χ^2/NDF :4433.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.647+/-0.020 χ^2/NDF : 81160.4/21

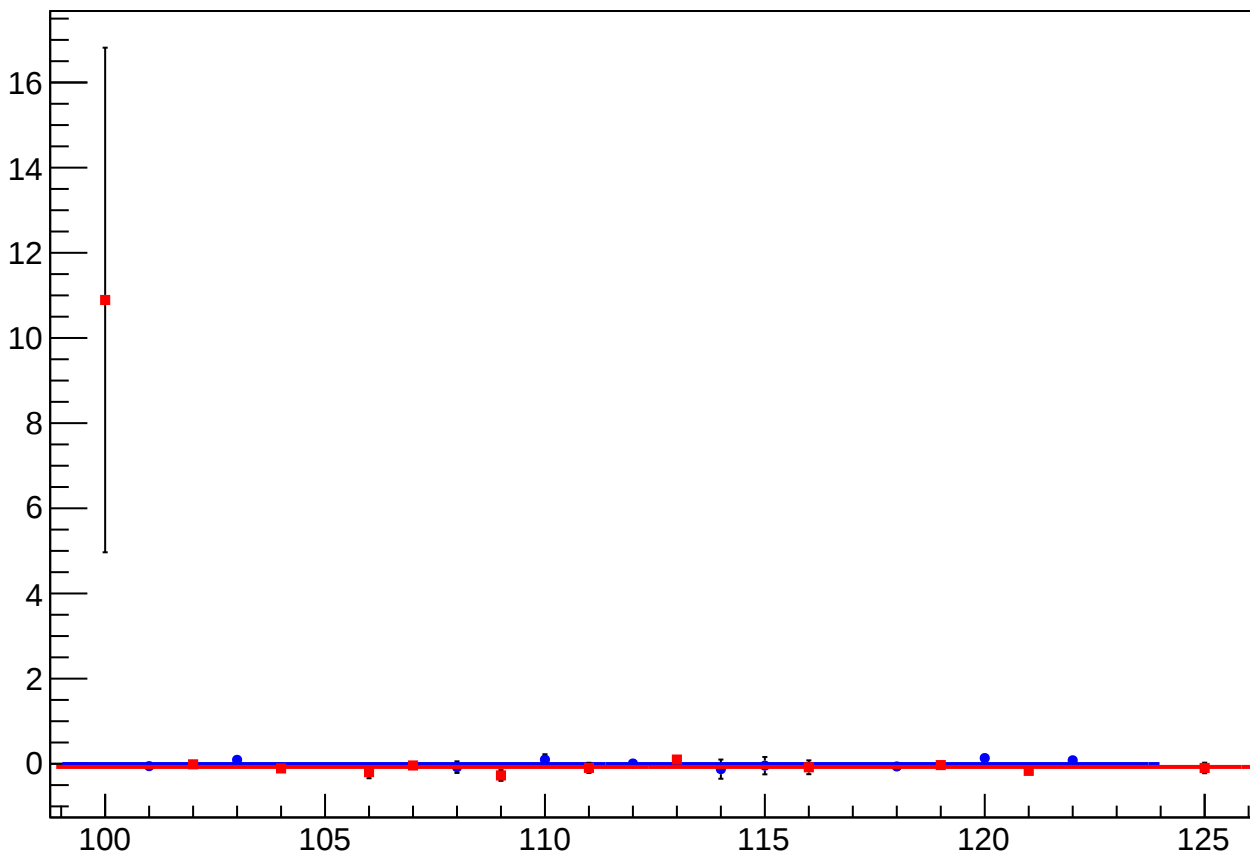
reg_asym_ds_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



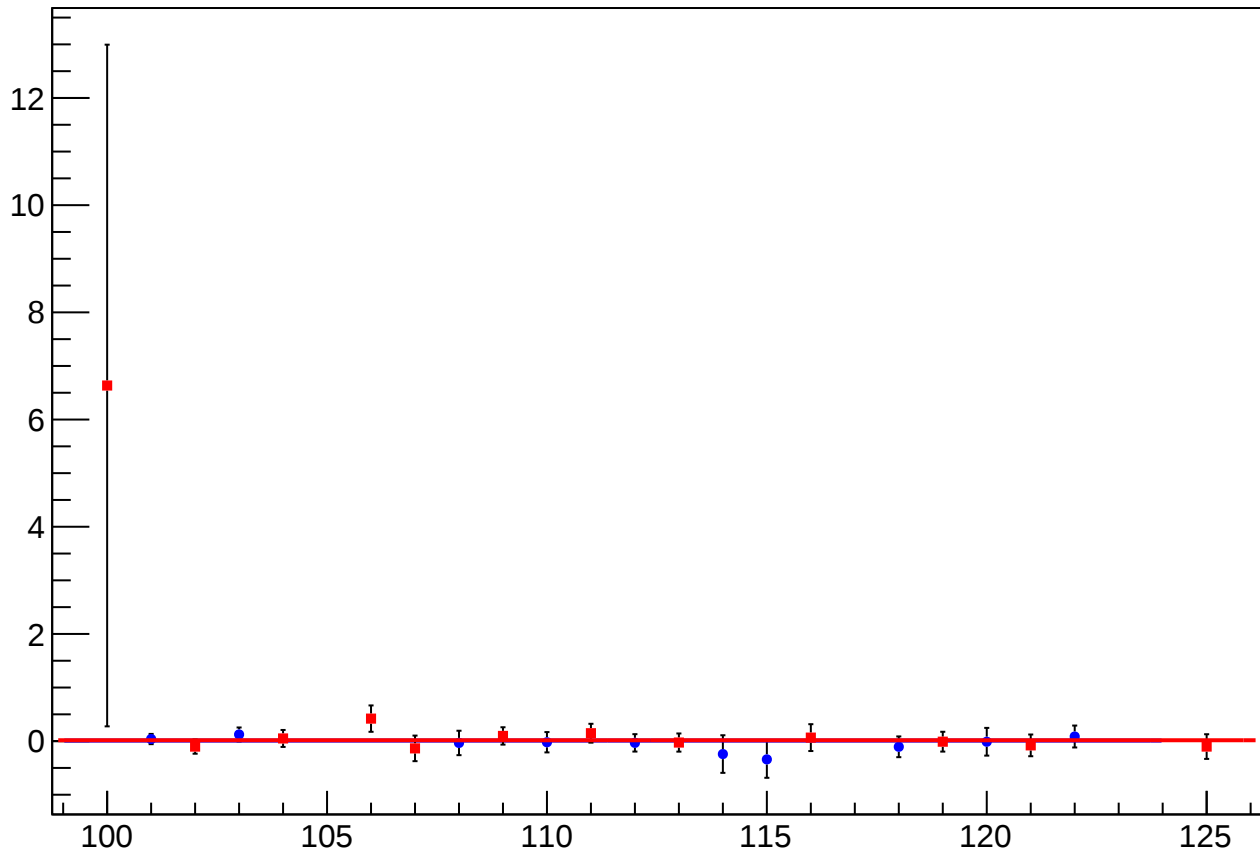
Right In: -0.020 ± 0.051 $\chi^2/\text{NDF}: 2.7/9$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -0.032 ± 0.049 $\chi^2/\text{NDF}: 6.9/11$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right: -0.026 ± 0.035 $\chi^2/\text{NDF}: 9.6/21$
 In: -0.020 ± 0.051 $\chi^2/\text{NDF}: 2.7/9$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -0.026 ± 0.035 $\chi^2/\text{NDF}: 9.6/21$

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.010+/-0.055 χ^2/NDF : 3.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.055 χ^2/NDF : 6.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

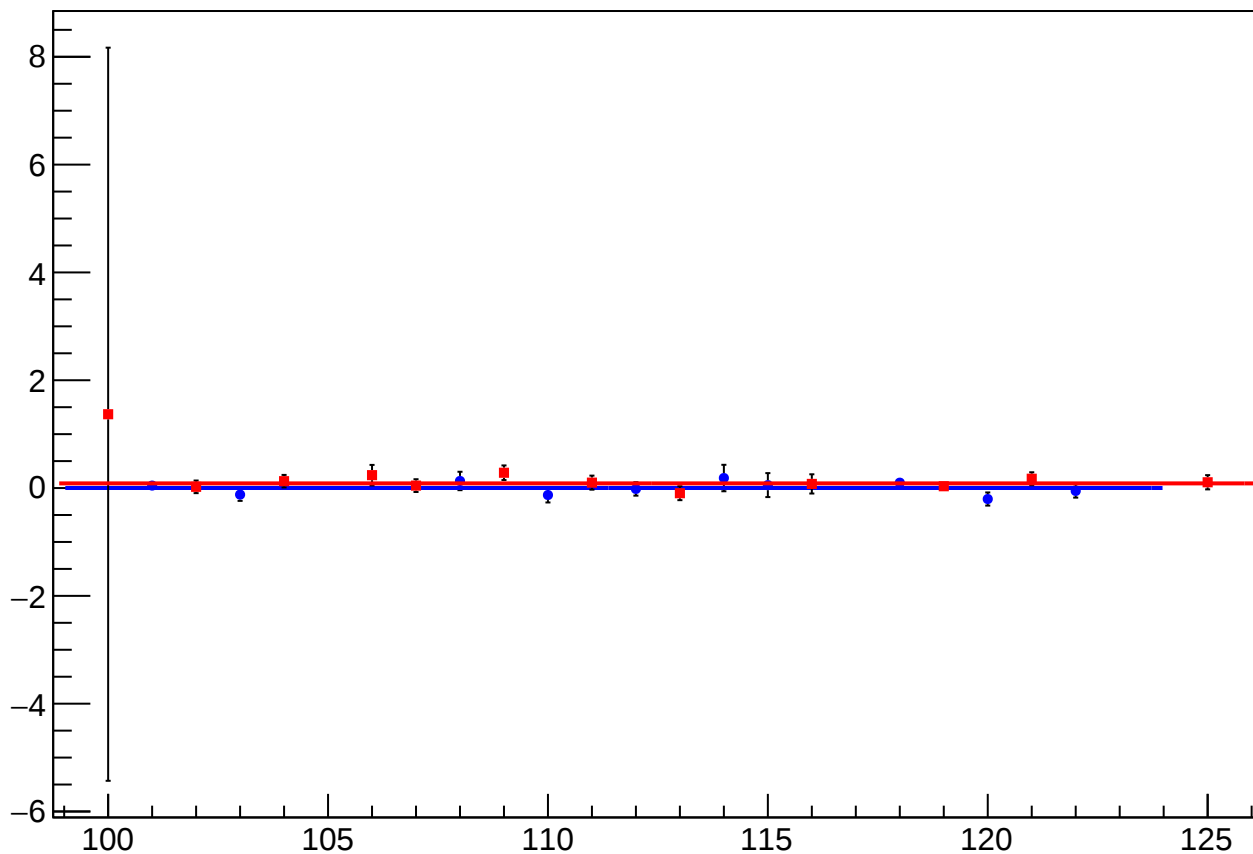
Right: 0.013+/-0.039 χ^2/NDF : 9.5/21

In: 0.010+/-0.055 χ^2/NDF : 3.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.039 χ^2/NDF : 9.5/21

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.035 χ^2 /NDF: 8.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.086 $\pm$ 0.037 χ^2 /NDF: 6.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

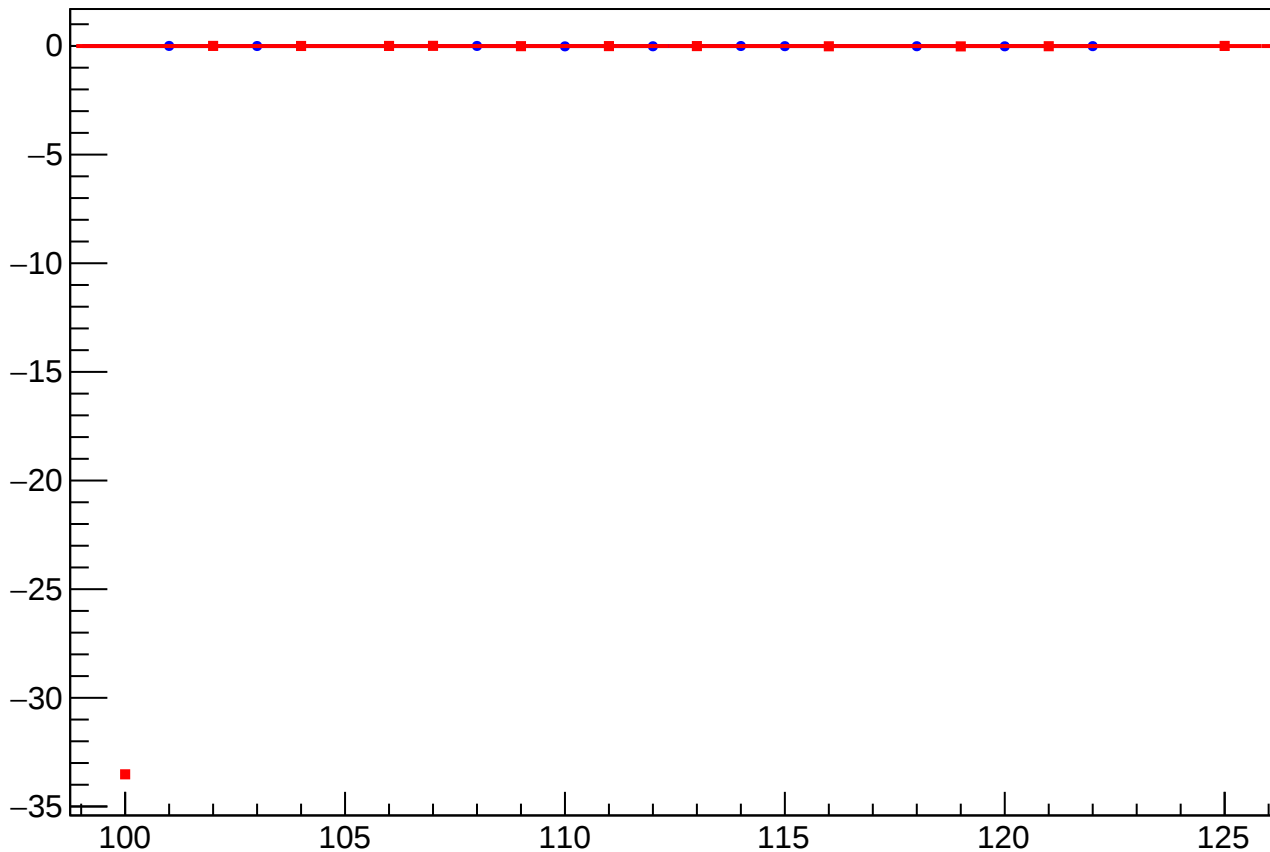
Right: 0.041 $\pm$ 0.026 χ^2 /NDF: 17.1/21

In: 0.001 $\pm$ 0.035 χ^2 /NDF:8.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.041 $\pm$ 0.026 χ^2 /NDF: 17.1/21

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.003 $\pm$ 0.002 χ^2 /NDF: 10.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.002 χ^2 /NDF: 26501.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

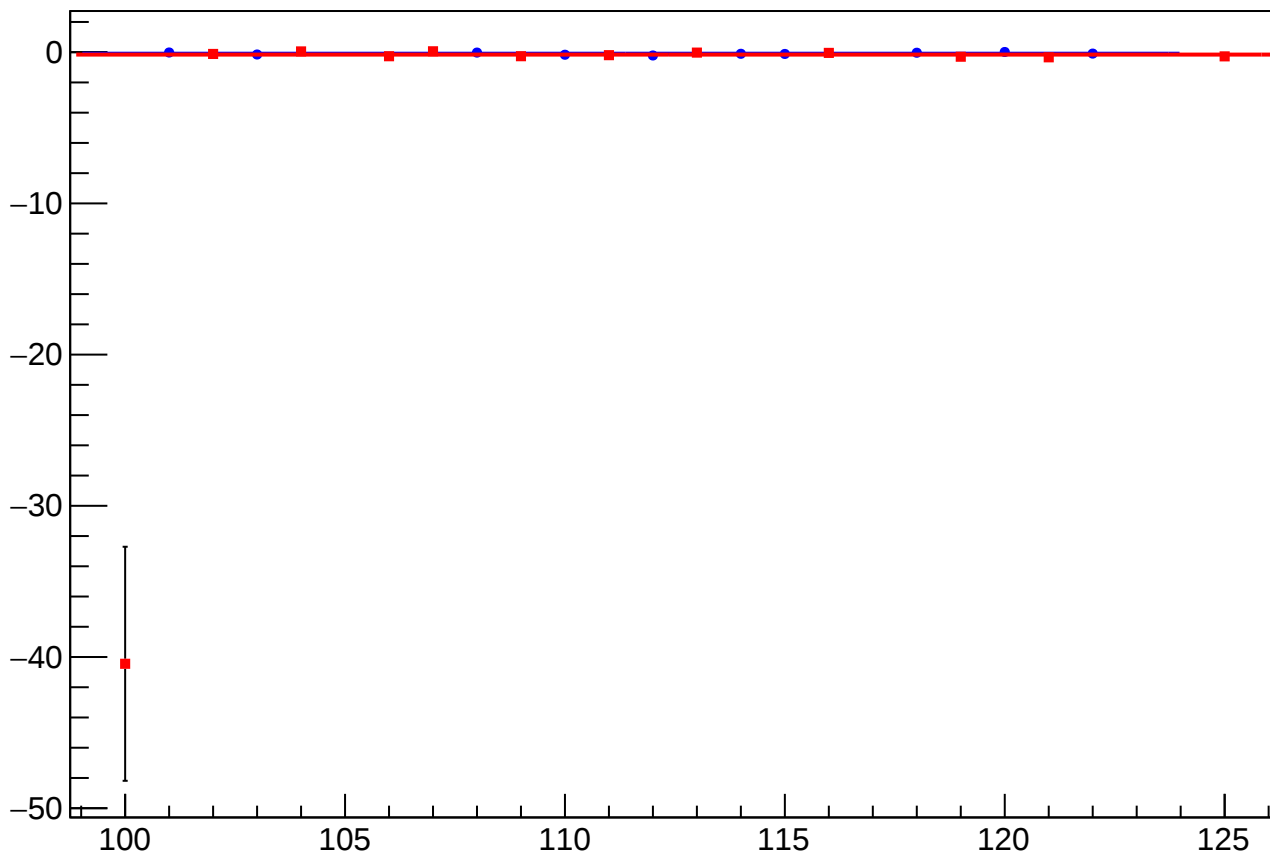
Right: -0.004 $\pm$ 0.001 χ^2 /NDF: 26511.8/21

In: -0.003 $\pm$ 0.002 χ^2 /NDF:10.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.001 χ^2 /NDF: 26511.8/21

reg_asym_ds_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.099+/-0.051 χ^2 /NDF: 2.3/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.158+/-0.049 χ^2 /NDF: 34.0/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

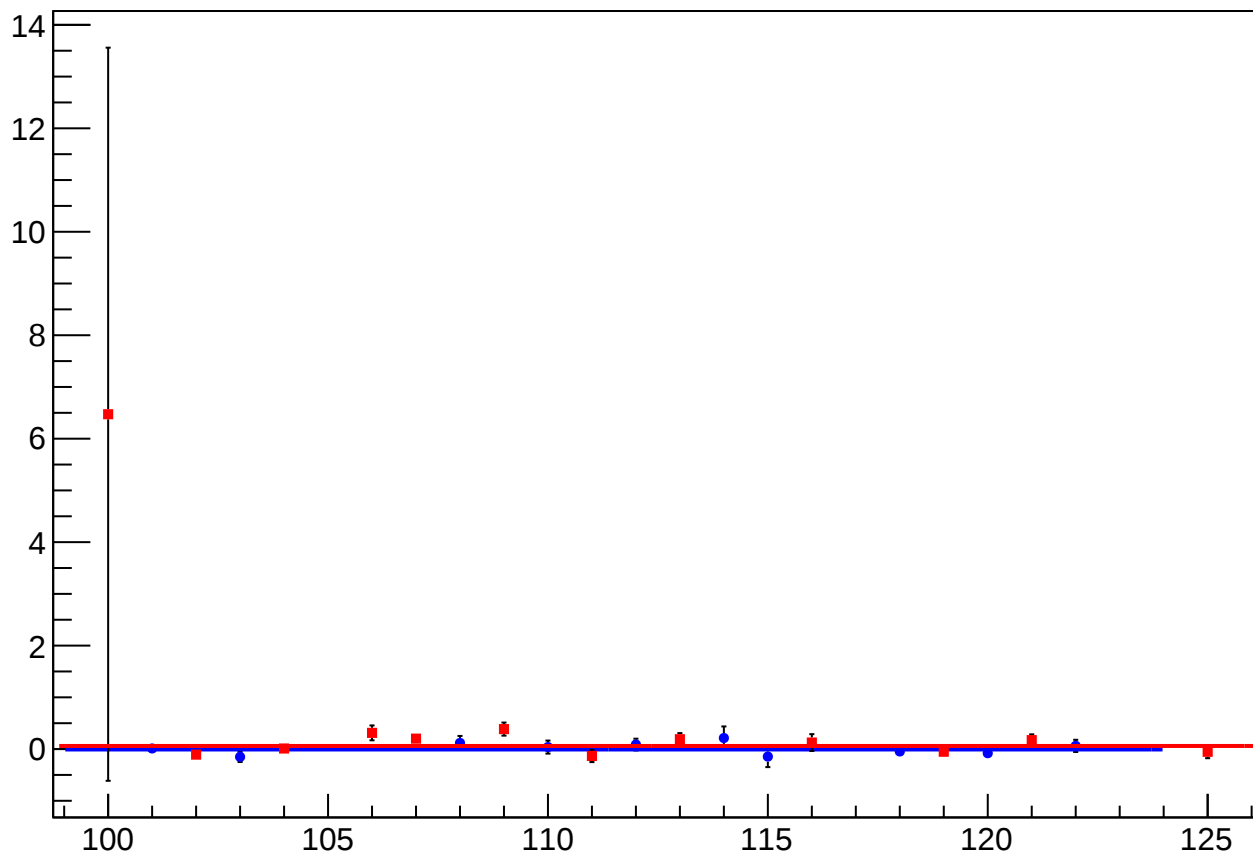
Right: -0.129+/-0.035 χ^2 /NDF: 37.0/21

In: -0.099+/-0.051 χ^2 /NDF:2.3/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.129+/-0.035 χ^2 /NDF: 37.0/21

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.008 ± 0.029 χ^2/NDF : 6.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.060 ± 0.032 χ^2/NDF : 24.9/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

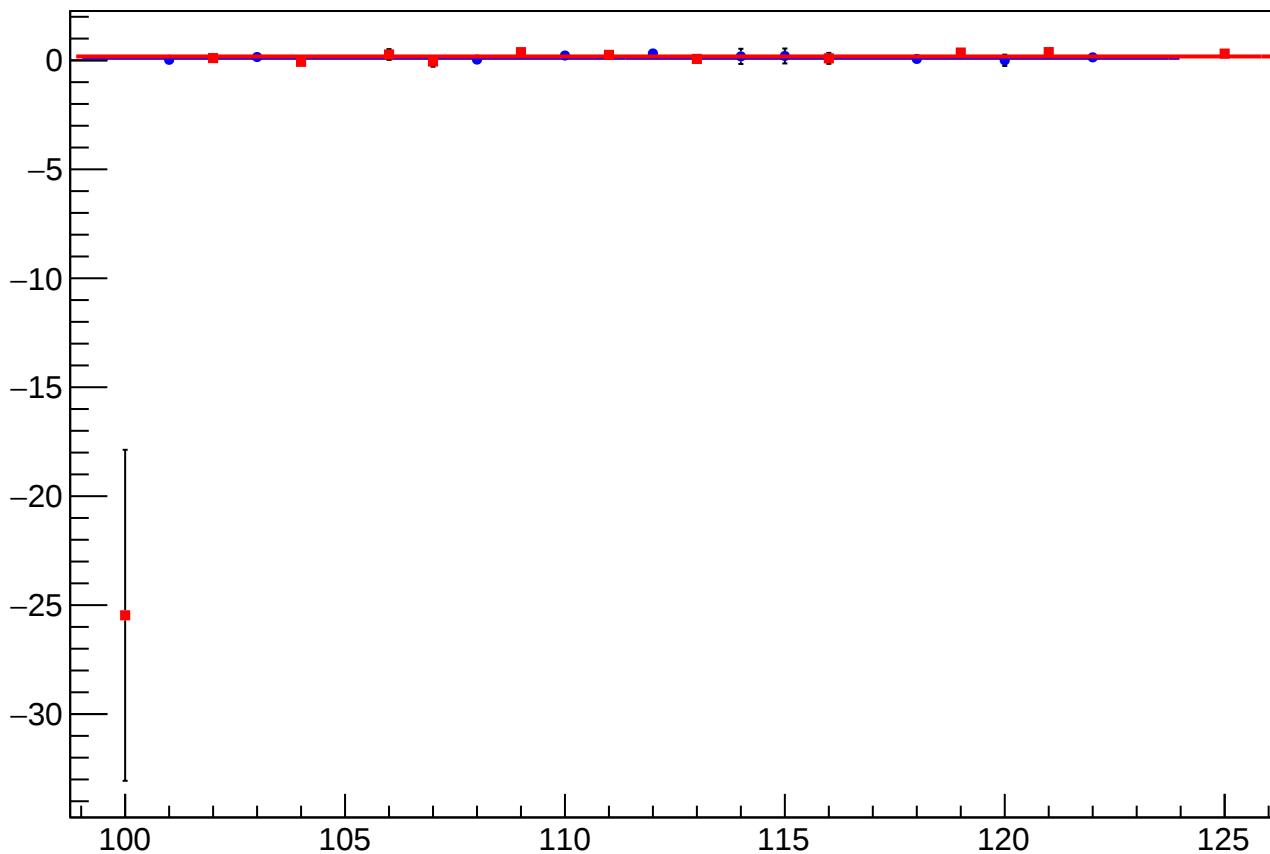
Right: 0.023 ± 0.021 χ^2/NDF : 34.1/21

In: -0.008 ± 0.029 χ^2/NDF : 6.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.023 ± 0.021 χ^2/NDF : 34.1/21

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.117 $\pm$ 0.055 χ^2 /NDF: 3.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.180 $\pm$ 0.055 χ^2 /NDF: 19.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

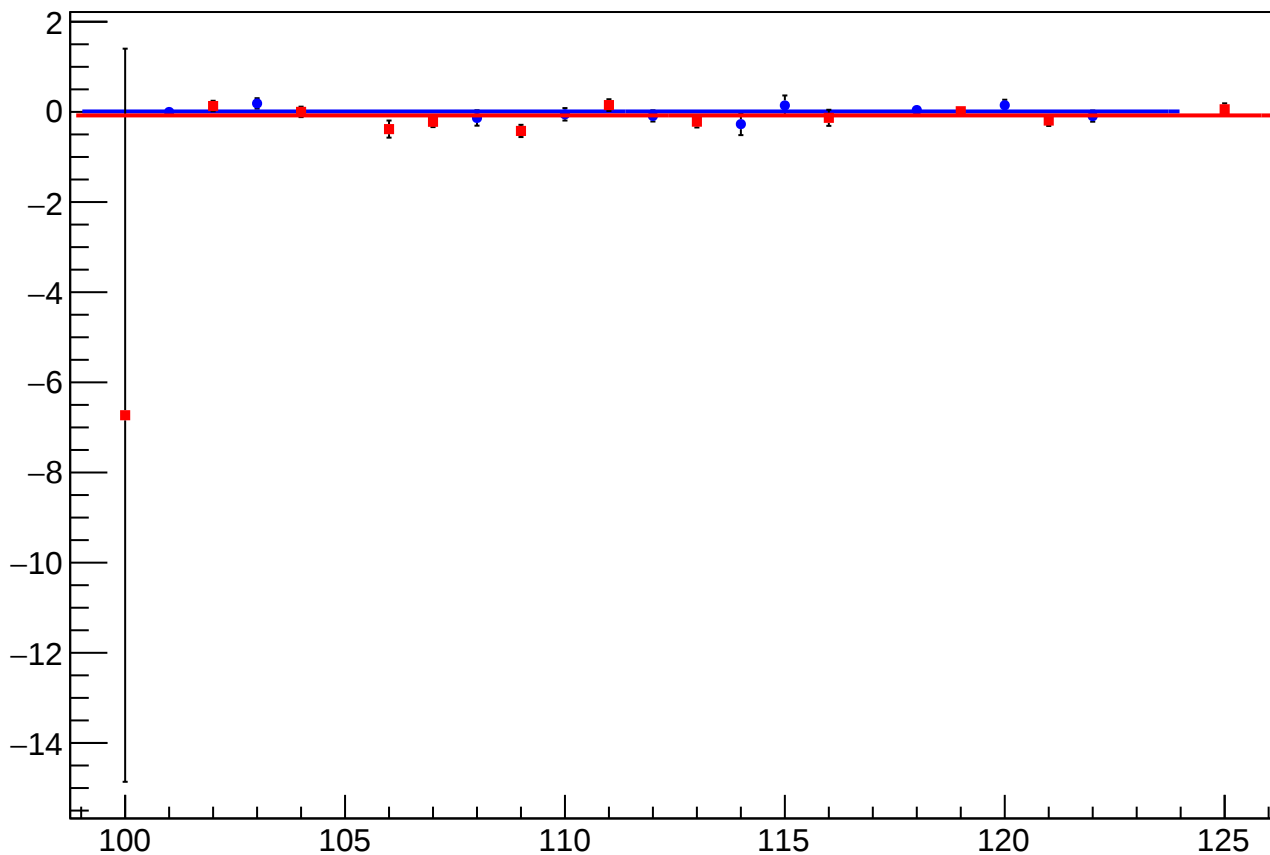
Right: 0.148 $\pm$ 0.039 χ^2 /NDF: 23.7/21

In: 0.117 $\pm$ 0.055 χ^2 /NDF:3.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.148 $\pm$ 0.039 χ^2 /NDF: 23.7/21

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.035 χ^2 /NDF: 7.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.078 $\pm$ 0.037 χ^2 /NDF: 22.2/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

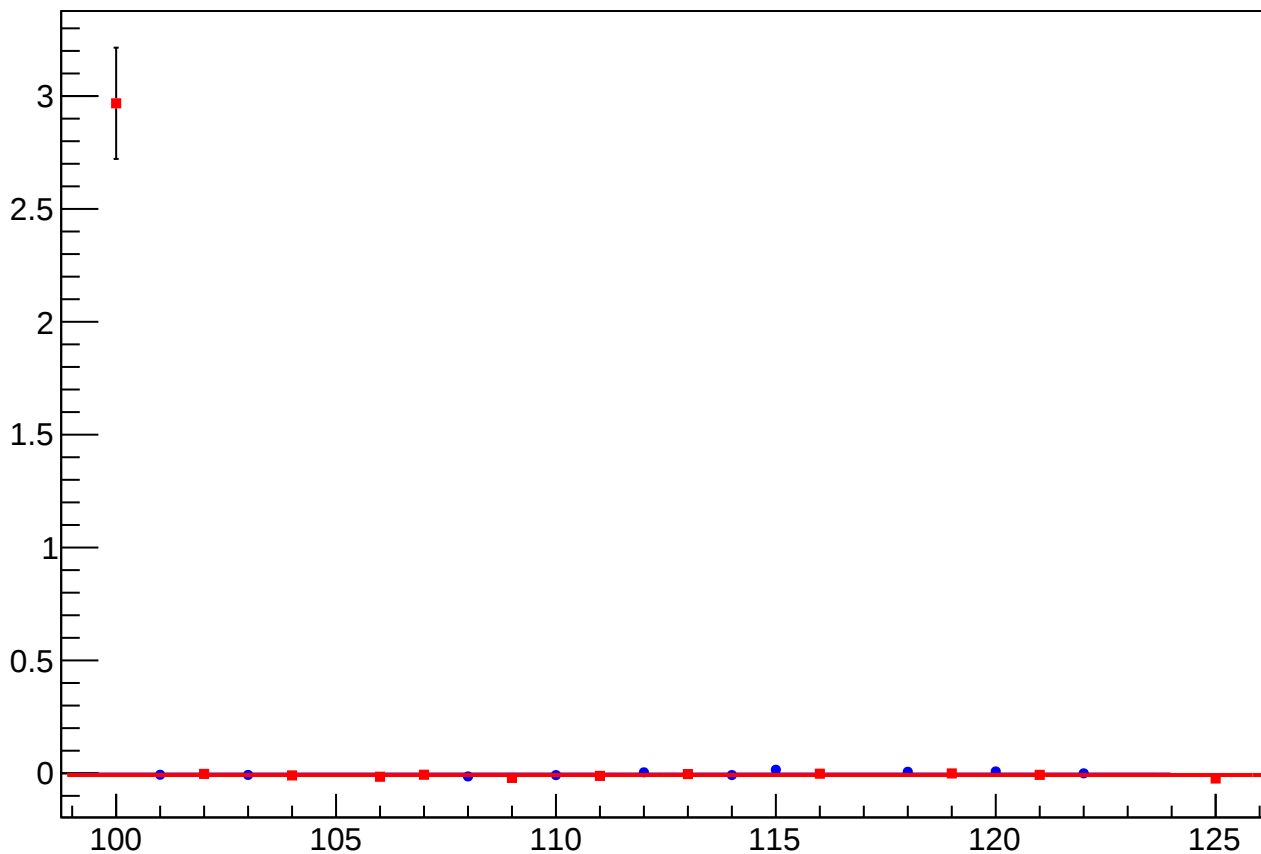
Right: -0.032 $\pm$ 0.026 χ^2 /NDF: 32.9/21

In: 0.010 $\pm$ 0.035 χ^2 /NDF:7.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.032 $\pm$ 0.026 χ^2 /NDF: 32.9/21

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006+/-0.002 χ^2/NDF : 11.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.008+/-0.002 χ^2/NDF : 157.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

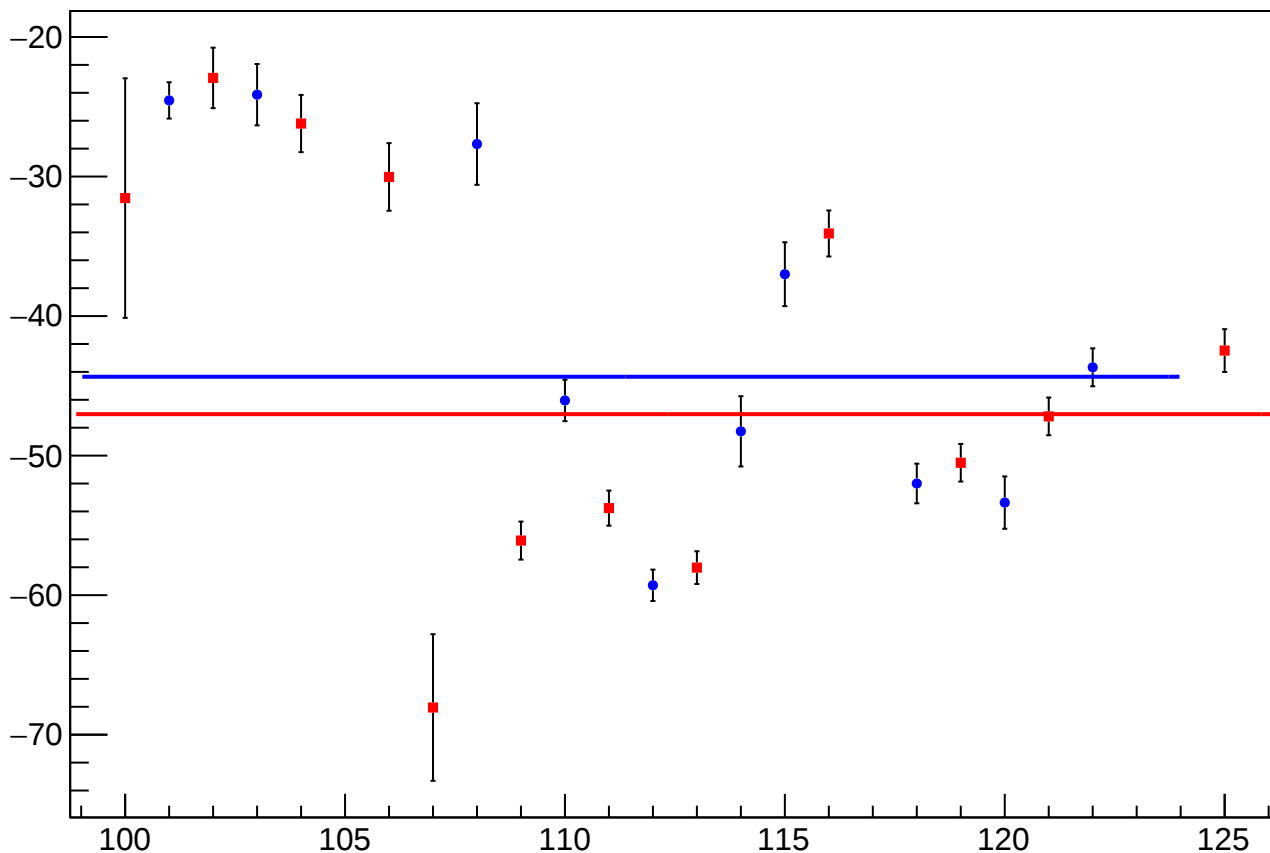
Right: -0.007+/-0.001 χ^2/NDF : 169.5/21

In: -0.006+/-0.002 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.001 χ^2/NDF : 169.5/21

reg_asym_left_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -44.347 $\pm$ 0.511 χ^2 /NDF: 591.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -47.028 $\pm$ 0.474 χ^2 /NDF: 533.2/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

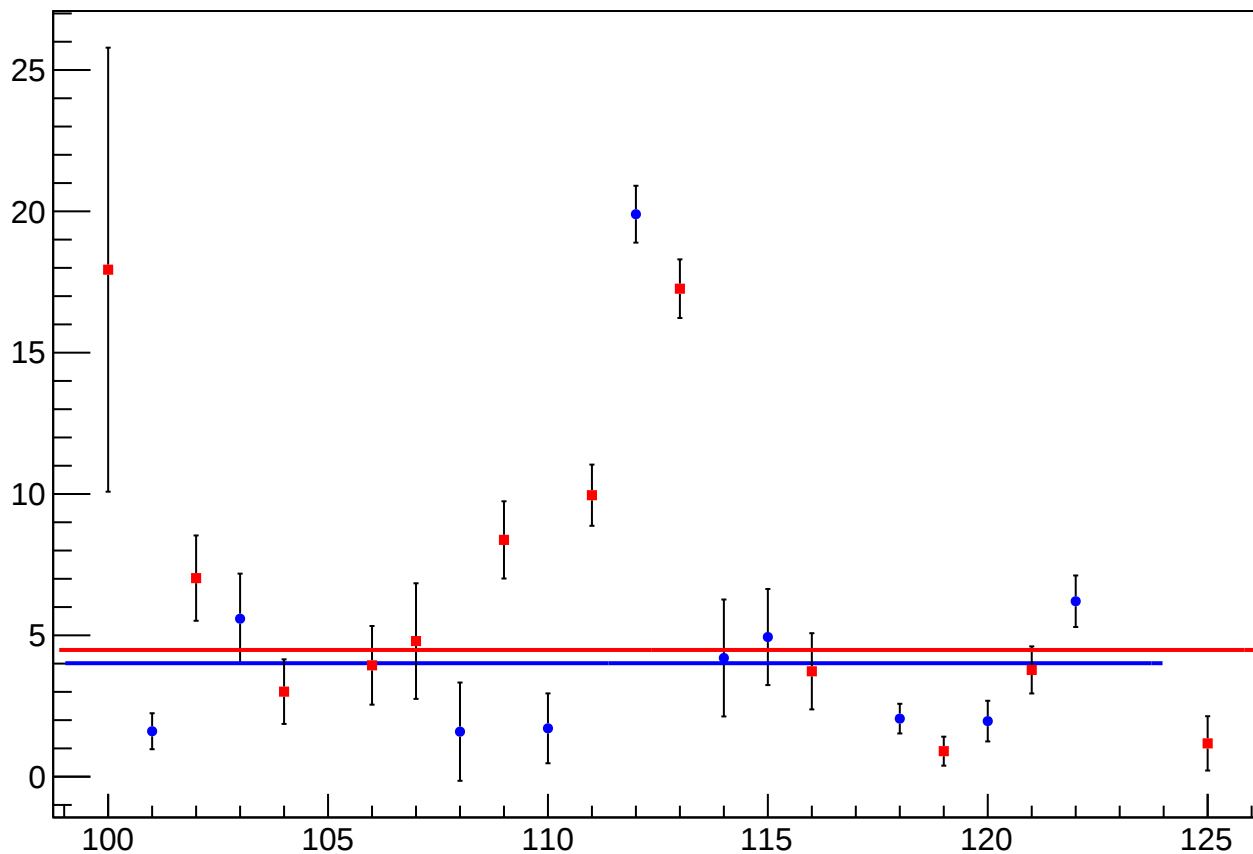
Right: -45.789 $\pm$ 0.347 χ^2 /NDF: 1139.8/21

In: -44.347 $\pm$ 0.511 χ^2 /NDF:591.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -45.789 $\pm$ 0.347 χ^2 /NDF: 1139.8/21

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.014+/-0.286 χ^2/NDF : 298.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.483+/-0.299 χ^2/NDF : 254.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

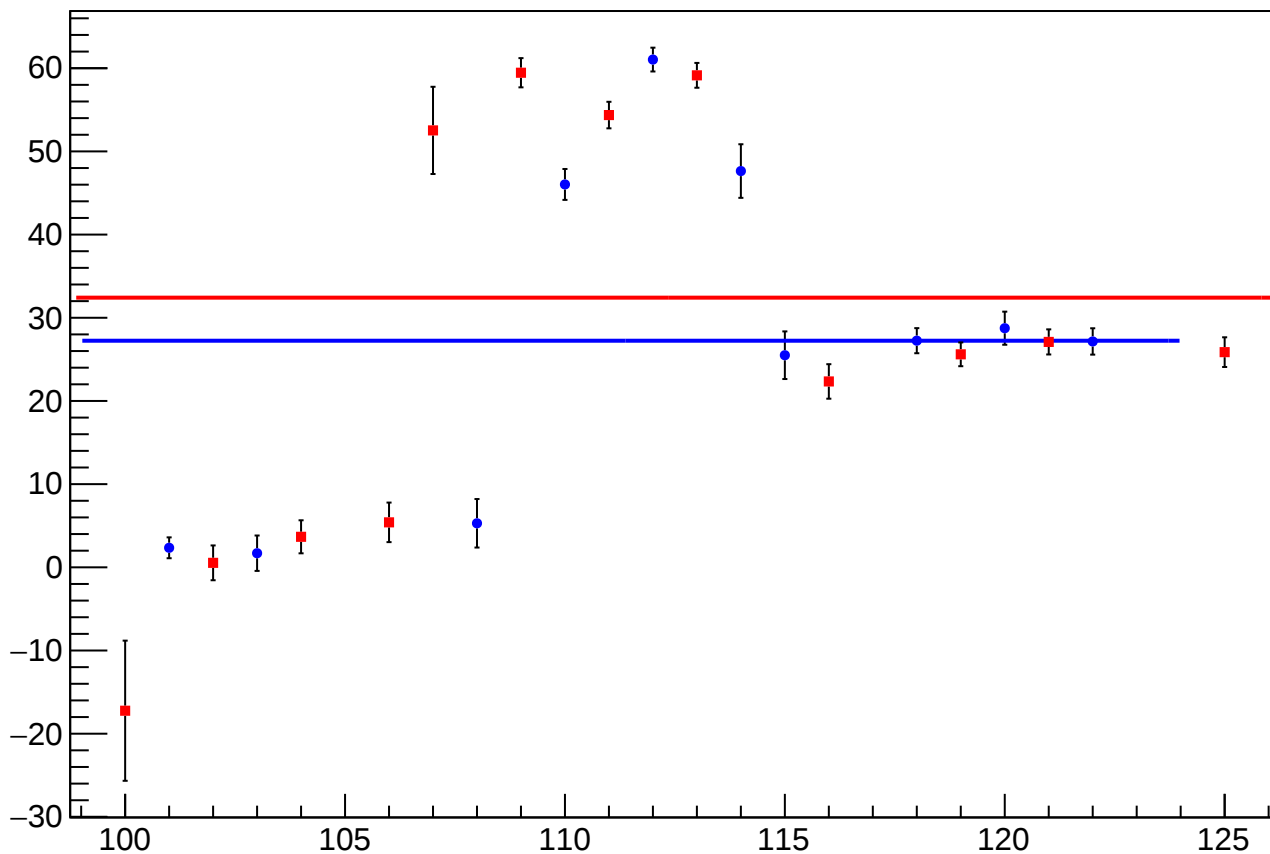
Right: 4.238+/-0.207 χ^2/NDF : 554.3/21

In: 4.014+/-0.286 χ^2/NDF : 298.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.238+/-0.207 χ^2/NDF : 554.3/21

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.240 $\pm$ 0.571 χ^2 /NDF: 1295.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 32.418 $\pm$ 0.546 χ^2 /NDF: 1439.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

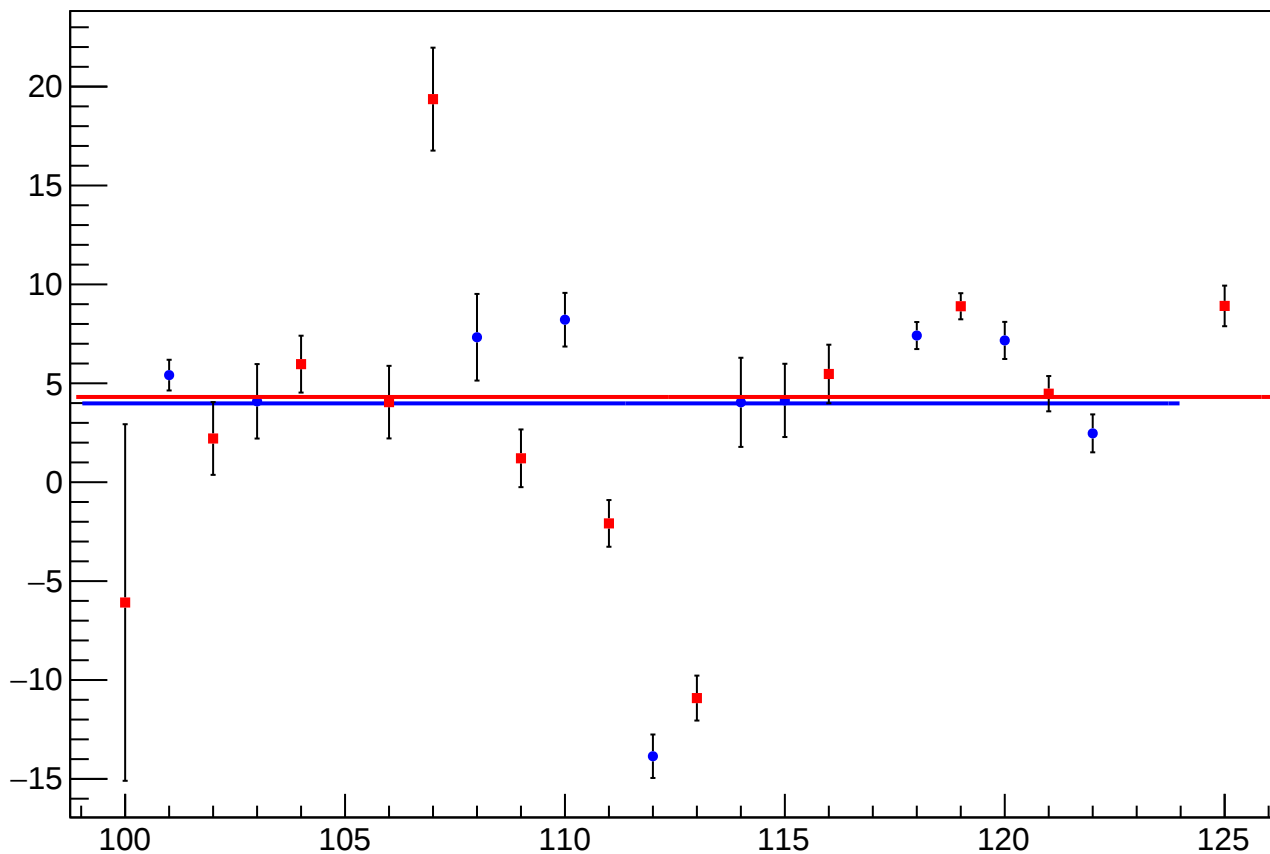
Right: 29.946 $\pm$ 0.395 χ^2 /NDF: 2778.6/21

In: 27.240 $\pm$ 0.571 χ^2 /NDF:1295.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 29.946 $\pm$ 0.395 χ^2 /NDF: 2778.6/21

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.985+/-0.346 χ^2/NDF : 318.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4.310+/-0.350 χ^2/NDF : 319.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

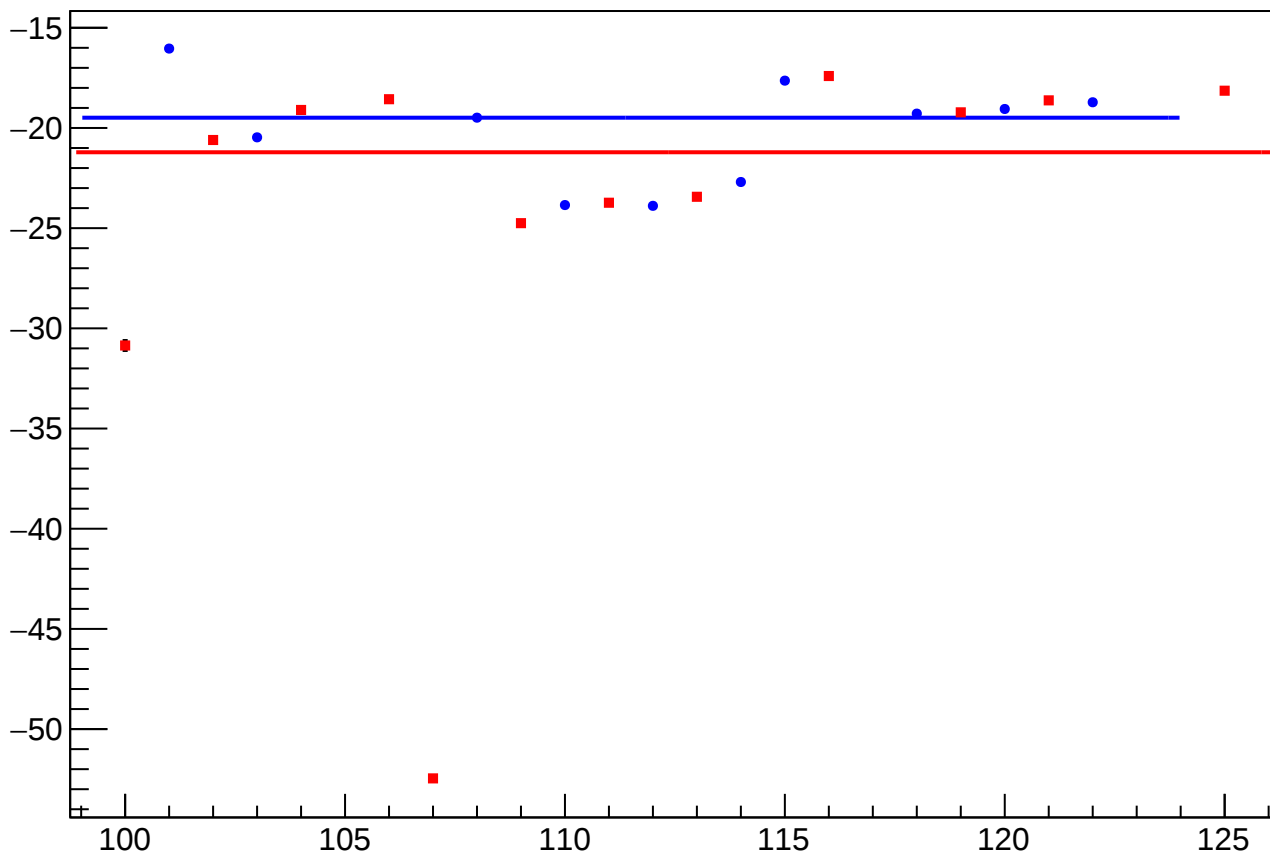
Right: 4.145+/-0.246 χ^2/NDF : 638.4/21

In: 3.985+/-0.346 χ^2/NDF :318.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4.145+/-0.246 χ^2/NDF : 638.4/21

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.487 $\pm$ 0.021 χ^2 /NDF: 13821.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -21.212 $\pm$ 0.020 χ^2 /NDF: 82292.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

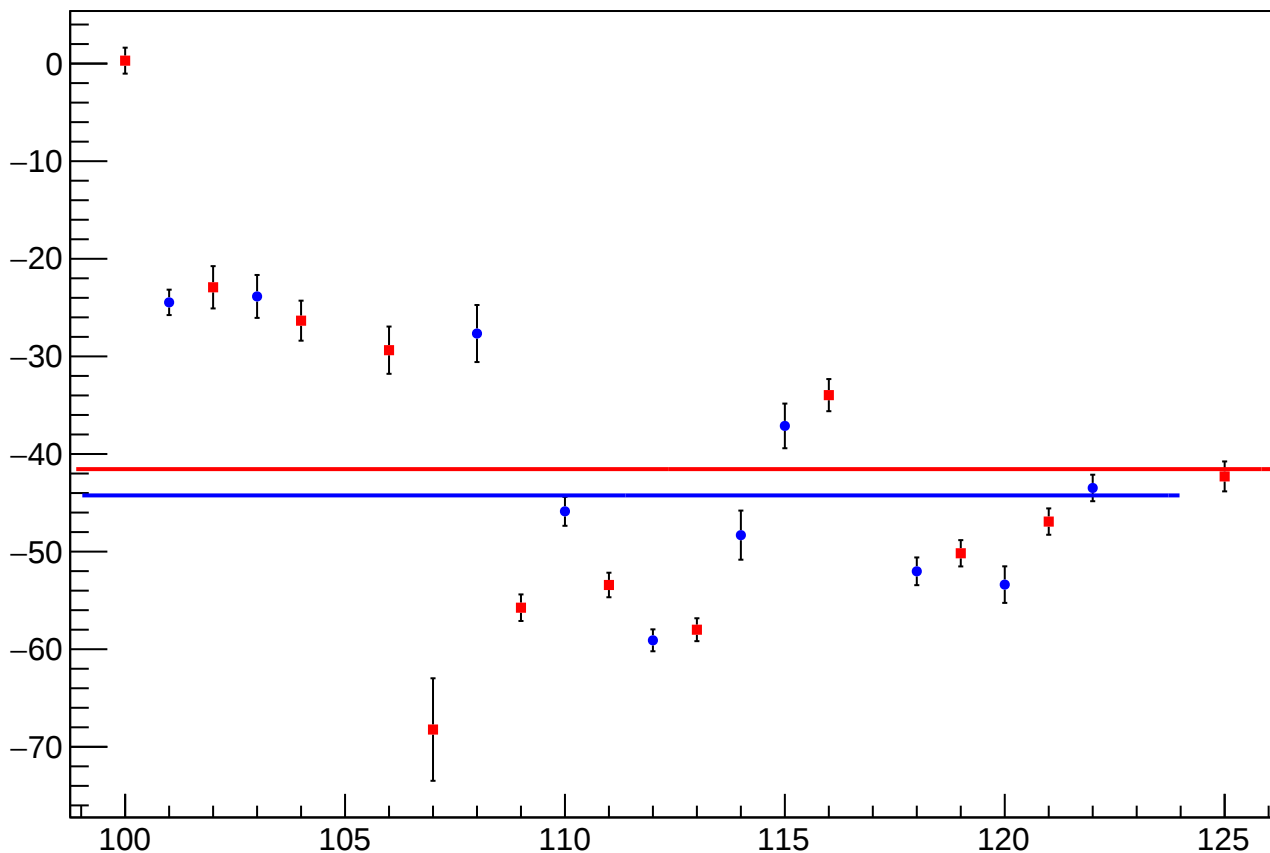
Right: -20.394 $\pm$ 0.015 χ^2 /NDF: 99616.4/21

In: -19.487 $\pm$ 0.021 χ^2 /NDF:13821.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -20.394 $\pm$ 0.015 χ^2 /NDF: 99616.4/21

reg_asym_left_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -44.242 $\pm$ 0.511 χ^2 /NDF: 591.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -41.549 $\pm$ 0.446 χ^2 /NDF: 1643.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

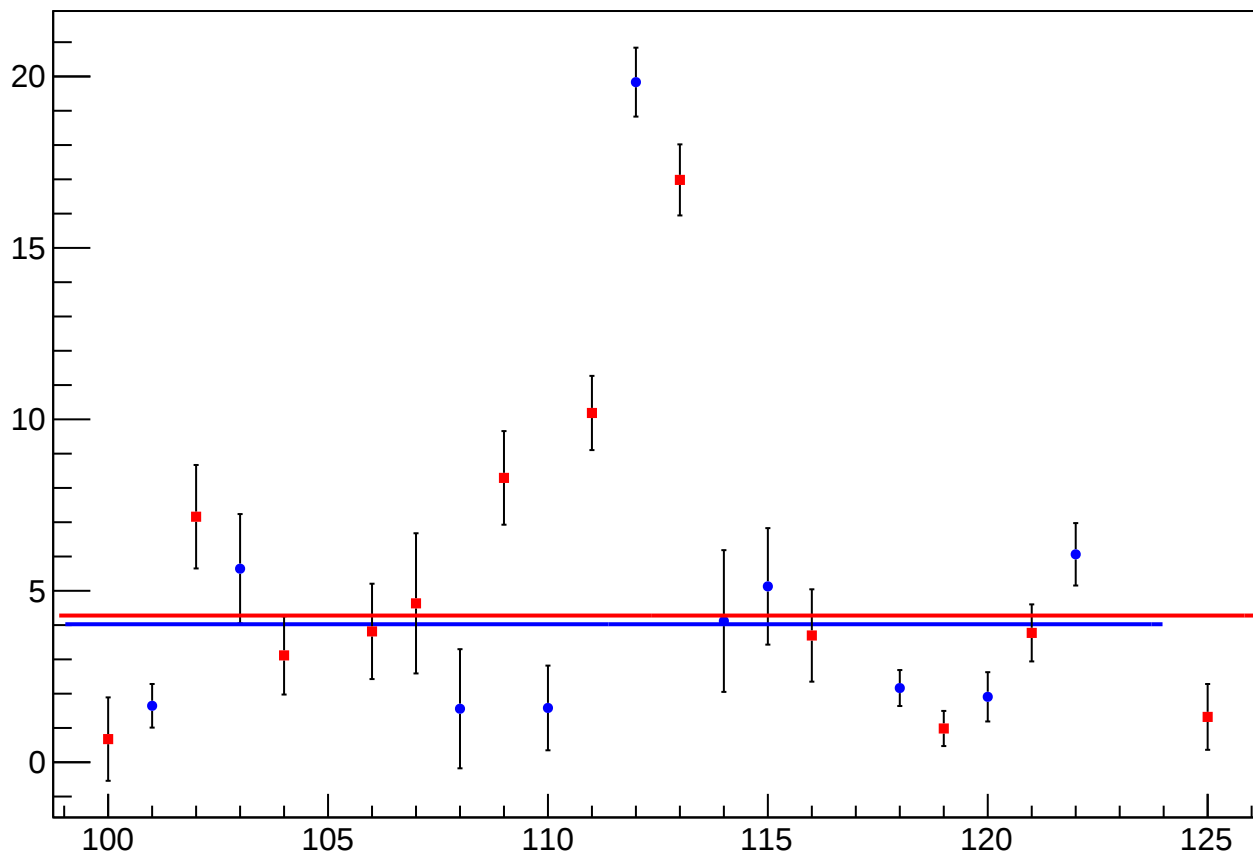
Right: -42.716 $\pm$ 0.336 χ^2 /NDF: 2250.7/21

In: -44.242 $\pm$ 0.511 χ^2 /NDF:591.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -42.716 $\pm$ 0.336 χ^2 /NDF: 2250.7/21

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.025+/-0.286 χ^2/NDF : 295.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.279+/-0.290 χ^2/NDF : 253.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

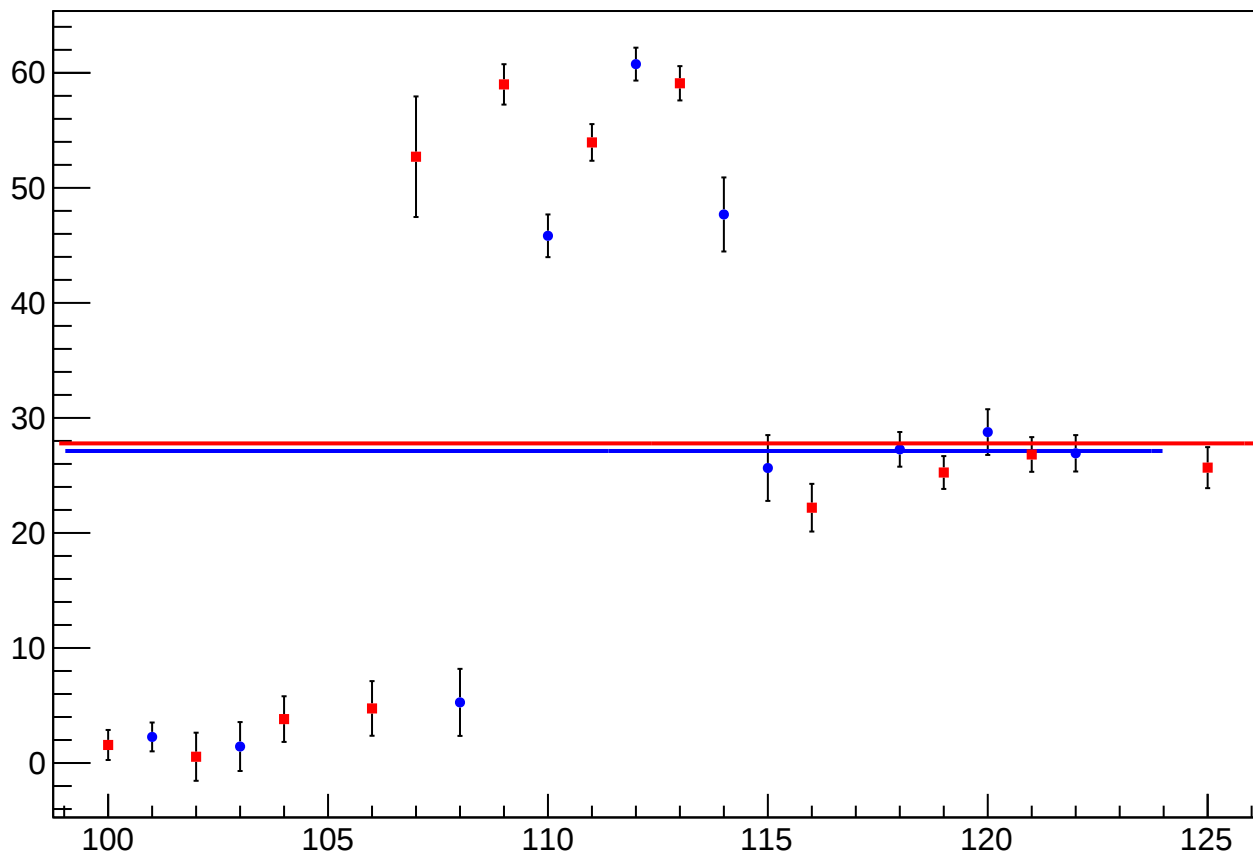
Right: 4.150+/-0.204 χ^2/NDF : 549.1/21

In: 4.025+/-0.286 χ^2/NDF : 295.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.150+/-0.204 χ^2/NDF : 549.1/21

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.126+/-0.571 χ^2 /NDF: 1292.0/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 27.786+/-0.505 χ^2 /NDF: 1874.5/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

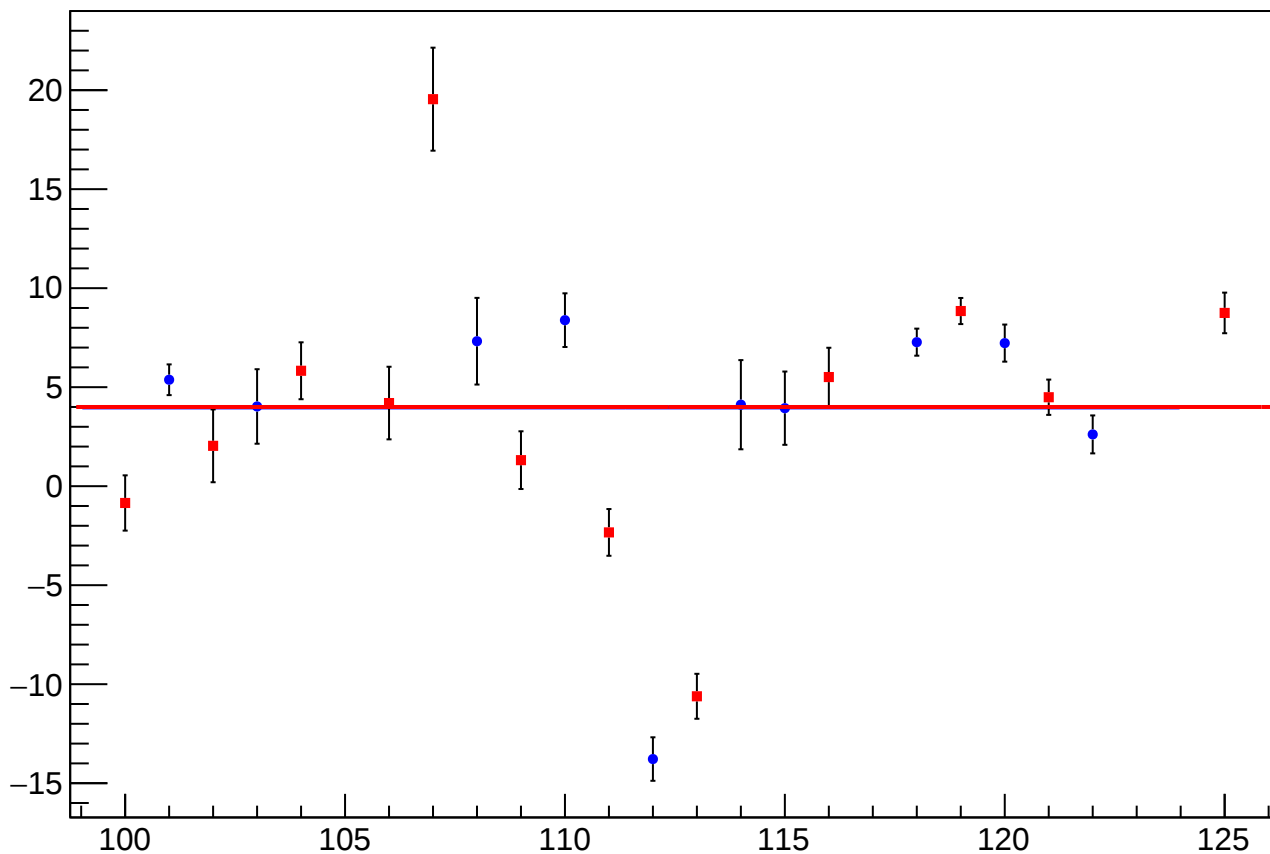
Right: 27.497+/-0.378 χ^2 /NDF: 3167.2/21

In: 27.126+/-0.571 χ^2 /NDF:1292.0/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 27.497+/-0.378 χ^2 /NDF: 3167.2/21

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.978+/-0.345 χ^2/NDF : 314.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.000+/-0.340 χ^2/NDF : 325.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

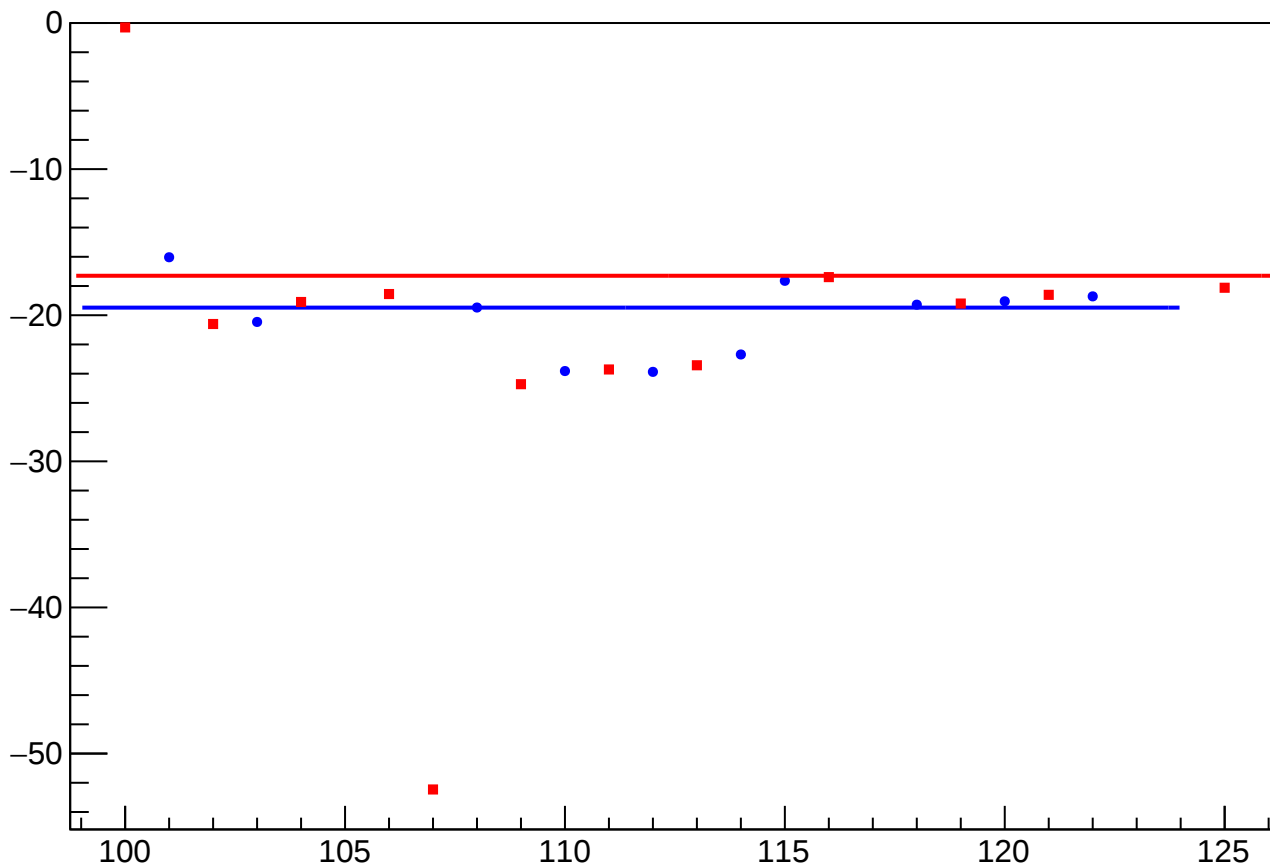
Right: 3.989+/-0.242 χ^2/NDF : 640.1/21

In: 3.978+/-0.345 χ^2/NDF : 314.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.989+/-0.242 χ^2/NDF : 640.1/21

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.479+/-0.021 χ^2/NDF : 13799.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.299+/-0.018 χ^2/NDF : 279365.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

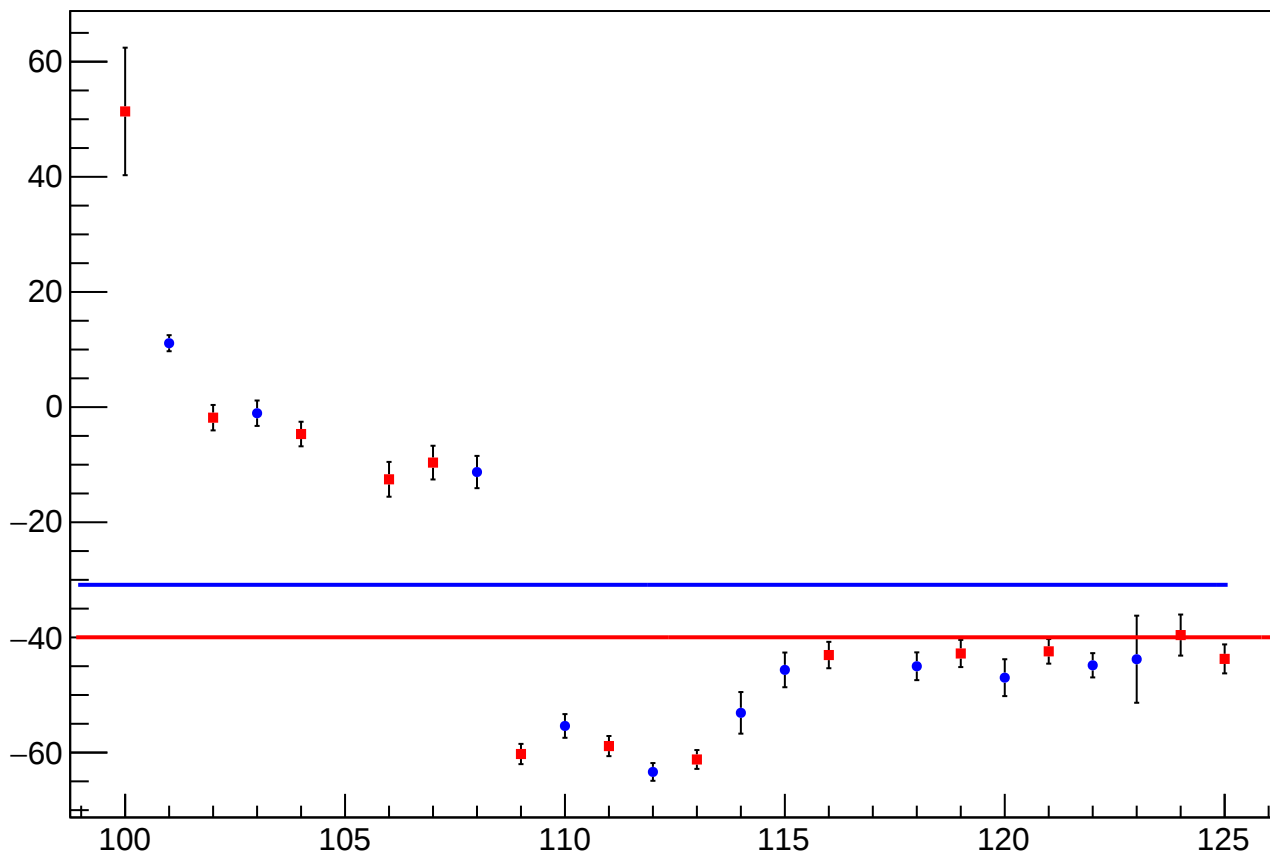
Right: -18.225+/-0.014 χ^2/NDF : 299289.8/21

In: -19.479+/-0.021 χ^2/NDF : 13799.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.225+/-0.014 χ^2/NDF : 299289.8/21

reg_asym_right_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -30.864 ± 0.674 χ^2/NDF : 1891.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -39.977 ± 0.631 χ^2/NDF : 1254.4/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

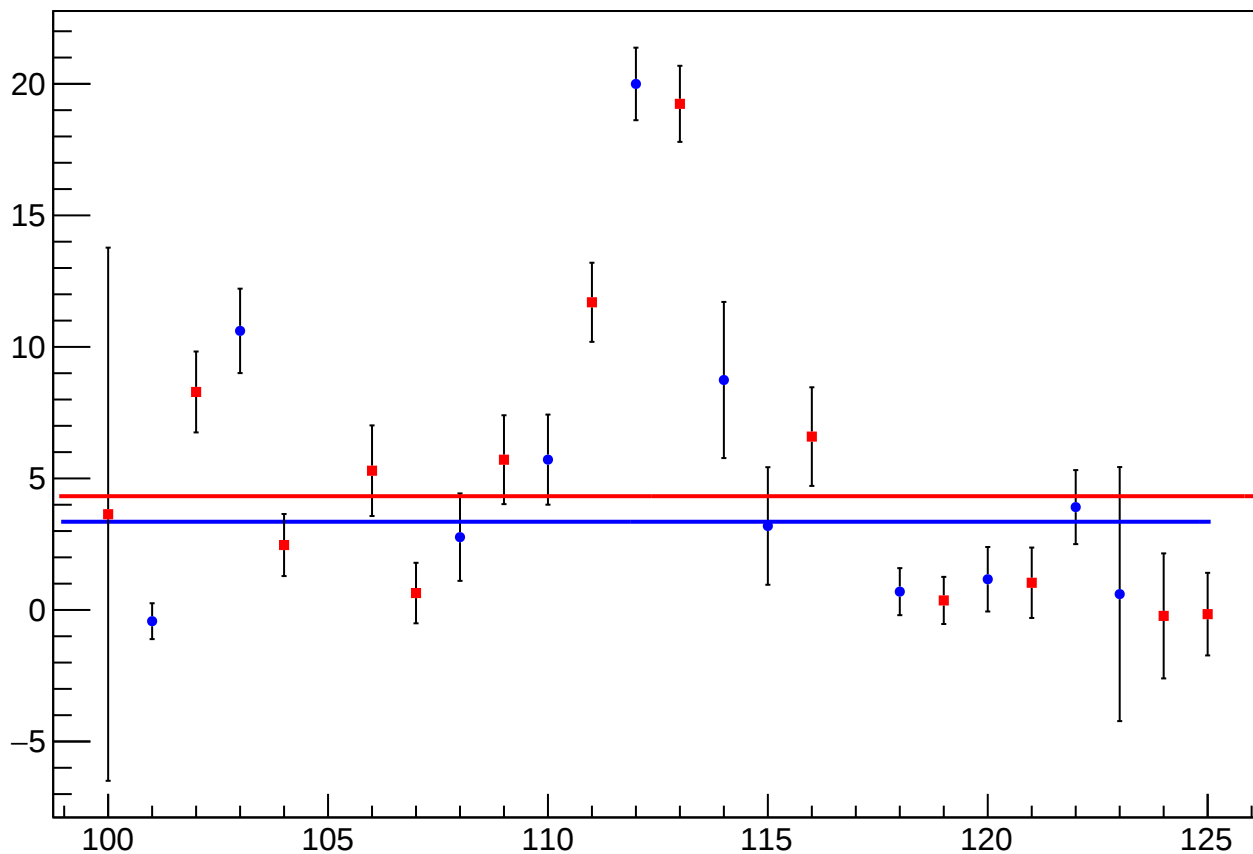
Right: -35.717 ± 0.461 χ^2/NDF : 3242.9/23

In: -30.864 ± 0.674 χ^2/NDF : 1891.2/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.717 ± 0.461 χ^2/NDF : 3242.9/23

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.354+/-0.391 χ^2/NDF : 214.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.325+/-0.402 χ^2/NDF : 189.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

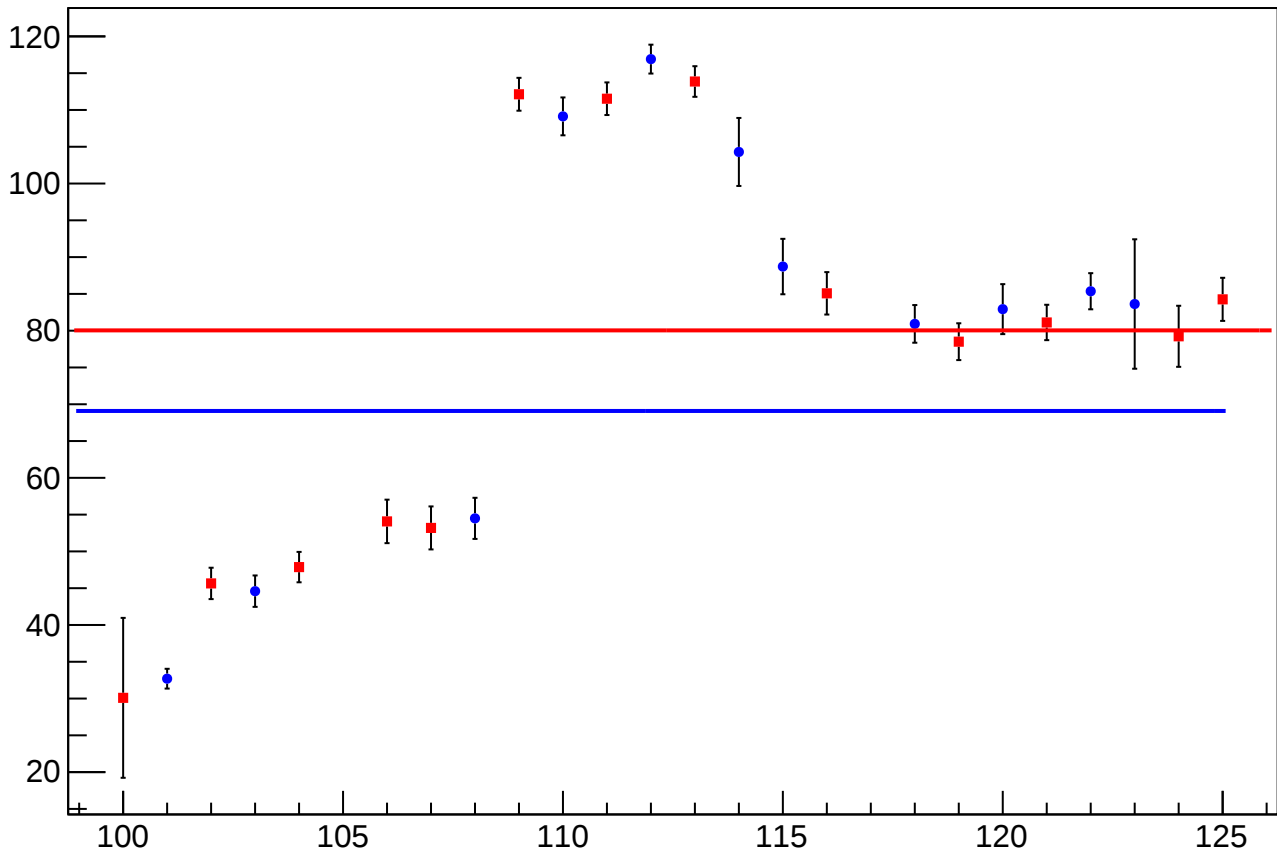
Right: 3.826+/-0.280 χ^2/NDF : 407.4/23

In: 3.354+/-0.391 χ^2/NDF : 214.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.826+/-0.280 χ^2/NDF : 407.4/23

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 69.088+/-0.736 χ^2/NDF : 1897.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.041+/-0.715 χ^2/NDF : 1363.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

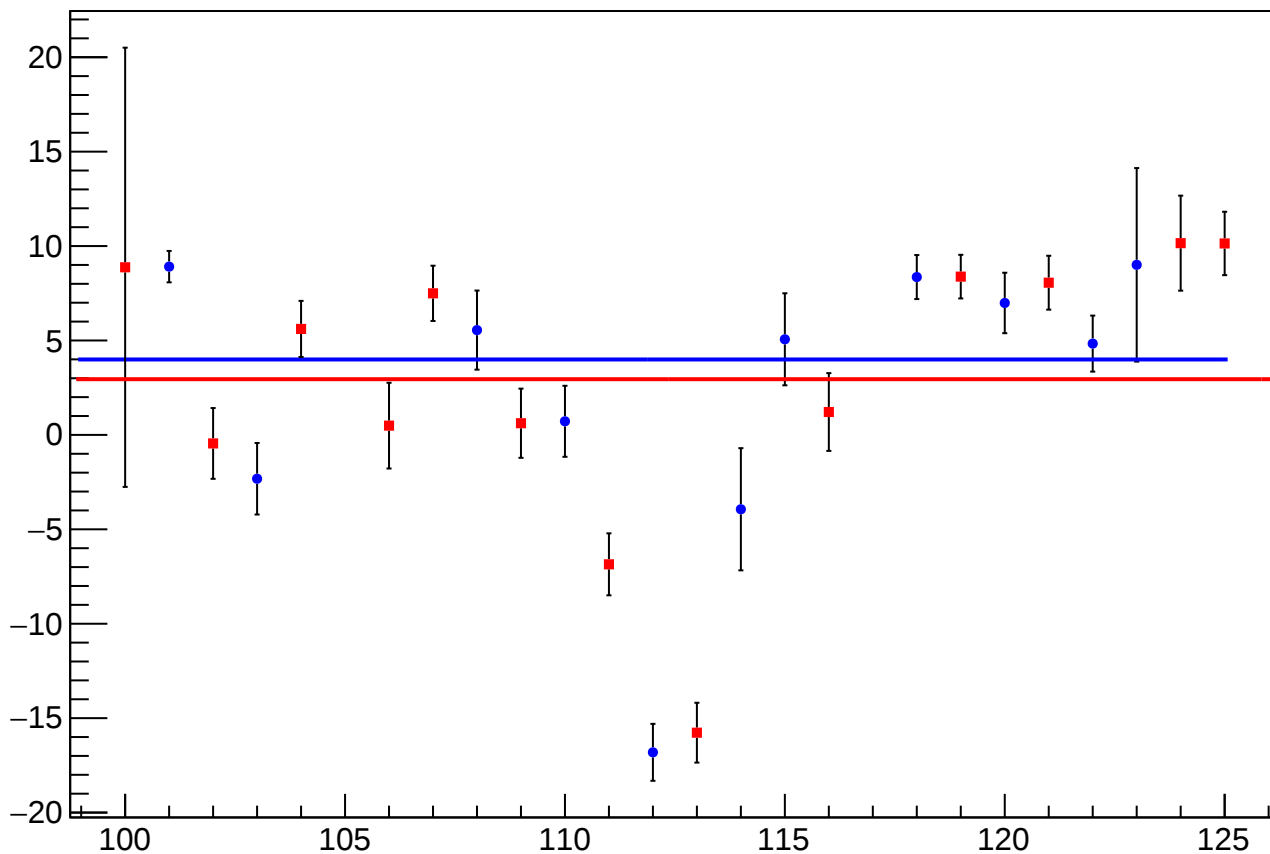
Right: 74.723+/-0.513 χ^2/NDF : 3375.0/23

In: 69.088+/-0.736 χ^2/NDF : 1897.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.723+/-0.513 χ^2/NDF : 3375.0/23

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.994 $\pm$ 0.468 χ^2 /NDF: 265.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.950 $\pm$ 0.473 χ^2 /NDF: 256.6/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

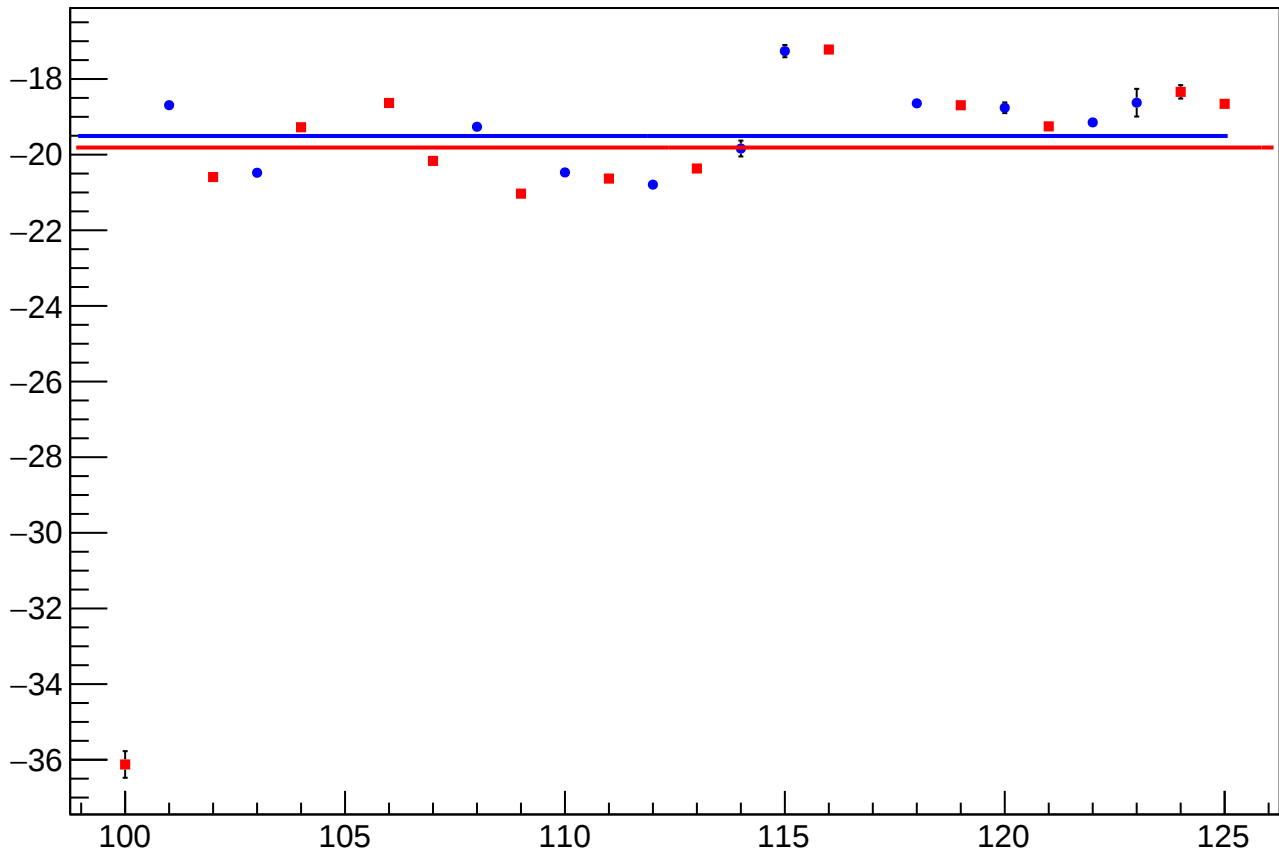
Right: 3.477 $\pm$ 0.333 χ^2 /NDF: 524.1/23

In: 3.994 $\pm$ 0.468 χ^2 /NDF:265.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.477 $\pm$ 0.333 χ^2 /NDF: 524.1/23

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.506 $\pm$ 0.025 χ^2 /NDF: 1273.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -19.812 $\pm$ 0.024 χ^2 /NDF: 3720.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

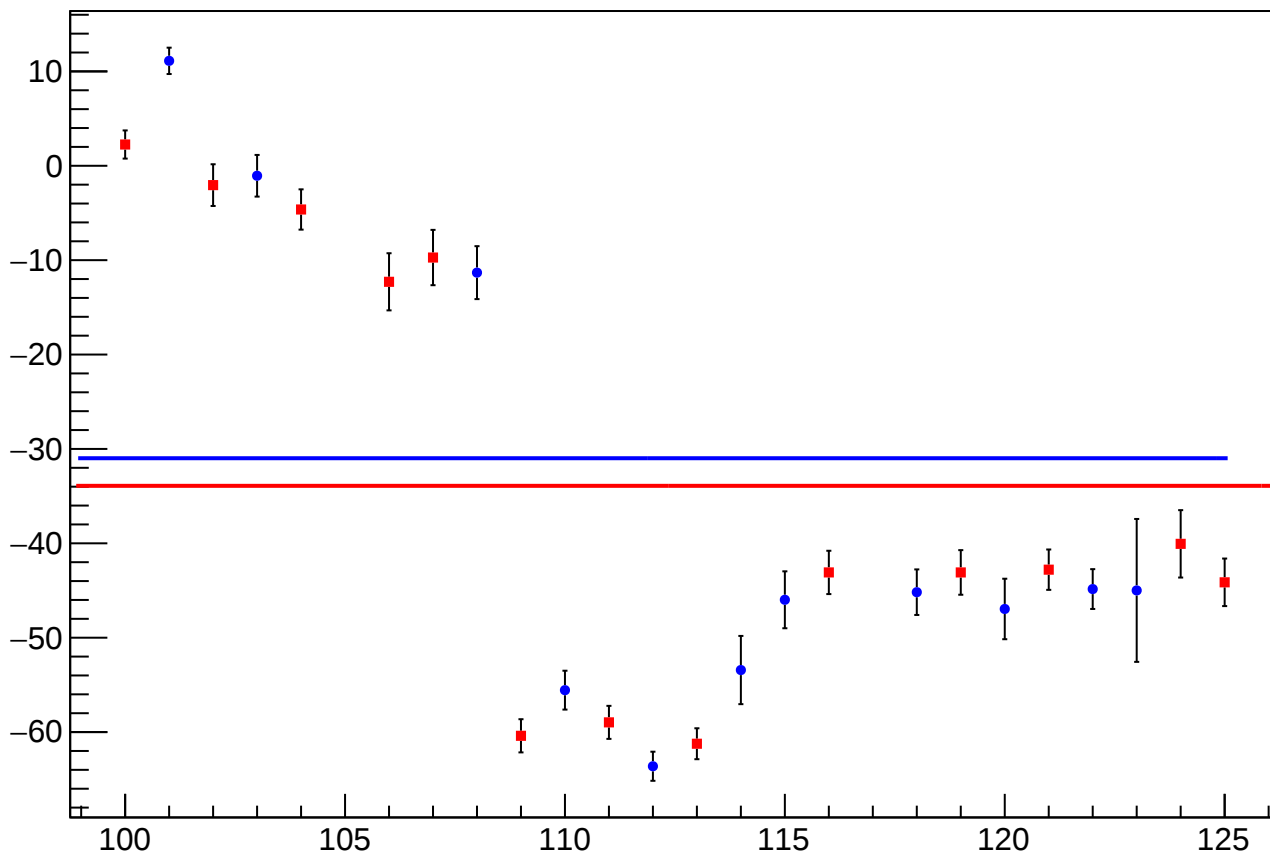
Right: -19.669 $\pm$ 0.017 χ^2 /NDF: 5072.9/23

In: -19.506 $\pm$ 0.025 χ^2 /NDF:1273.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -19.669 $\pm$ 0.017 χ^2 /NDF: 5072.9/23

reg_asym_right_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -30.984+/-0.674 χ^2/NDF : 1902.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -33.909+/-0.583 χ^2/NDF : 1880.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

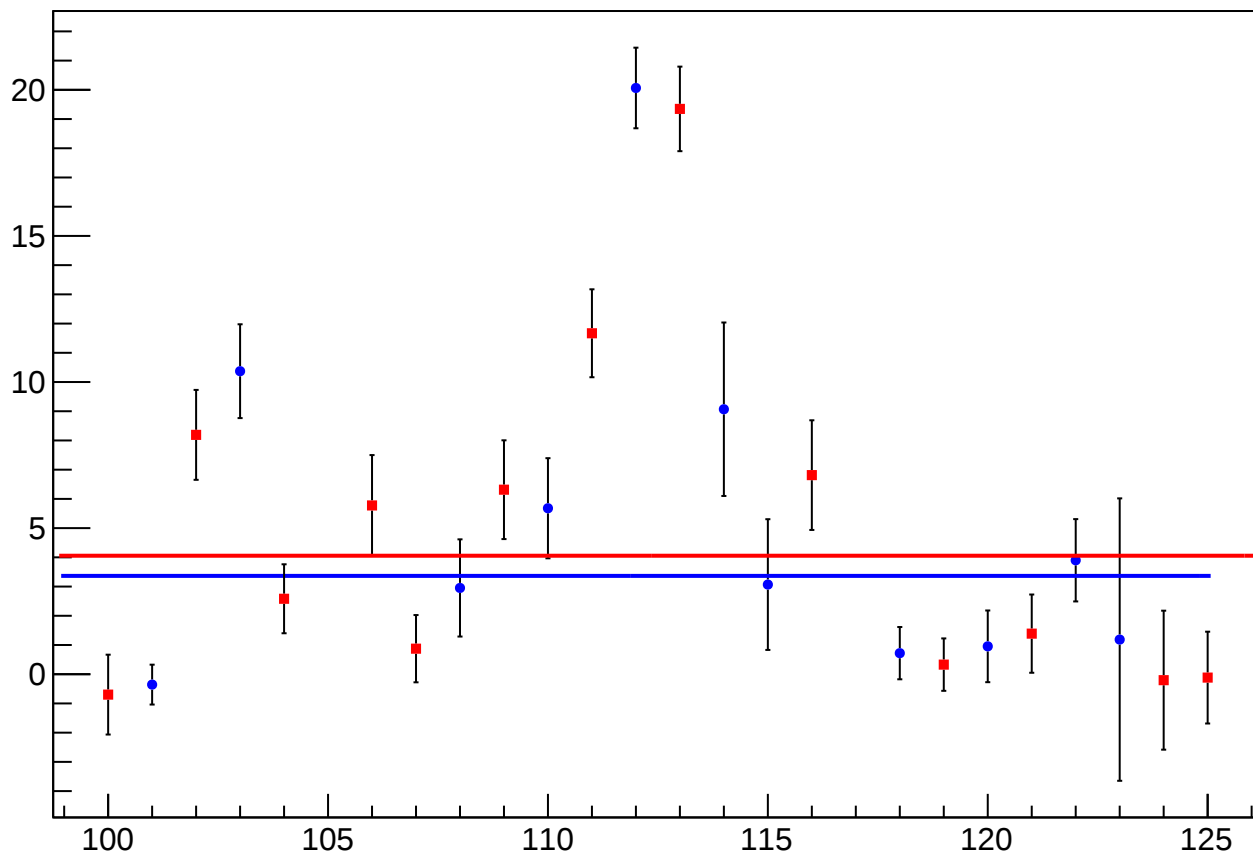
Right: -32.659+/-0.441 χ^2/NDF : 3793.6/23

In: -30.984+/-0.674 χ^2/NDF : 1902.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.659+/-0.441 χ^2/NDF : 3793.6/23

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.365+/-0.391 χ^2/NDF : 213.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.055+/-0.386 χ^2/NDF : 202.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

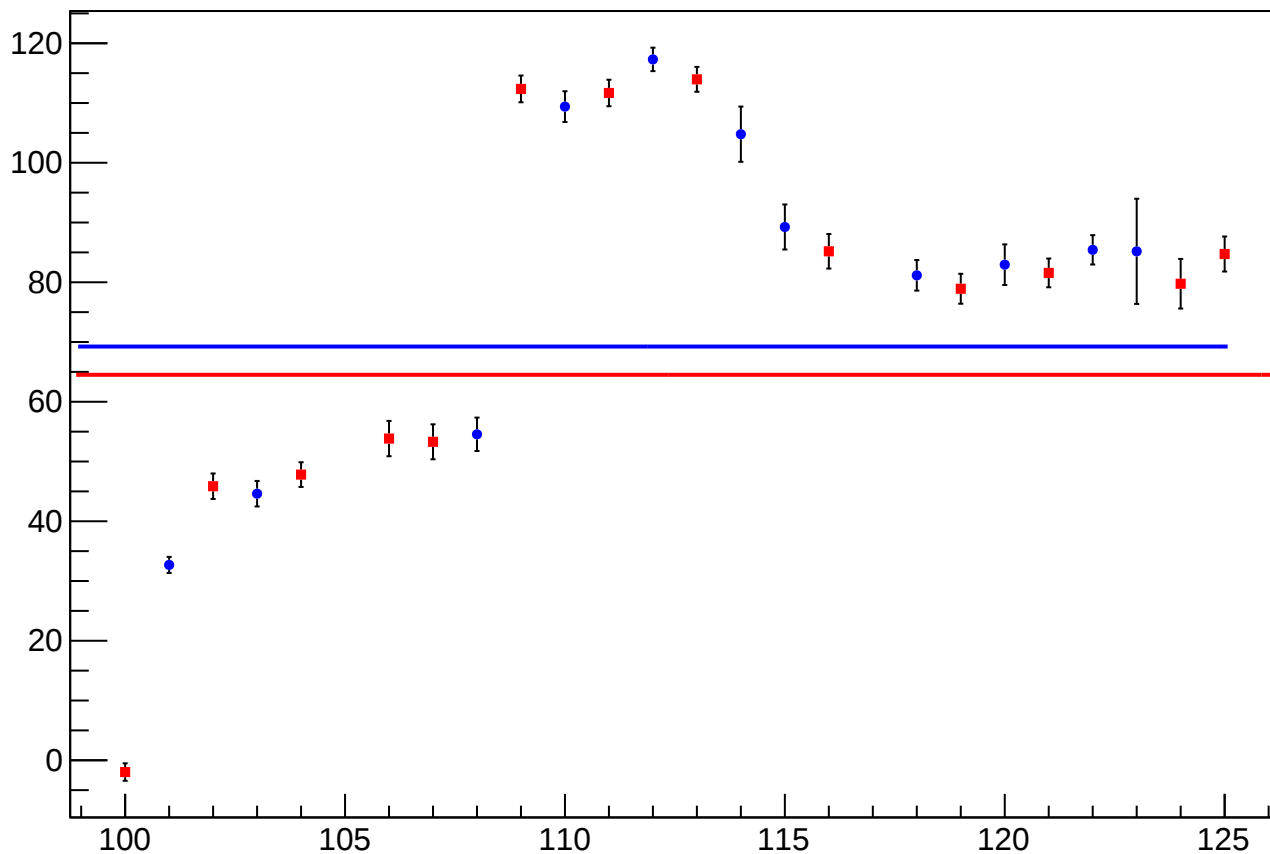
Right: 3.715+/-0.275 χ^2/NDF : 417.8/23

In: 3.365+/-0.391 χ^2/NDF : 213.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.715+/-0.275 χ^2/NDF : 417.8/23

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 69.243+/-0.736 χ^2/NDF : 1913.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.512+/-0.644 χ^2/NDF : 3900.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

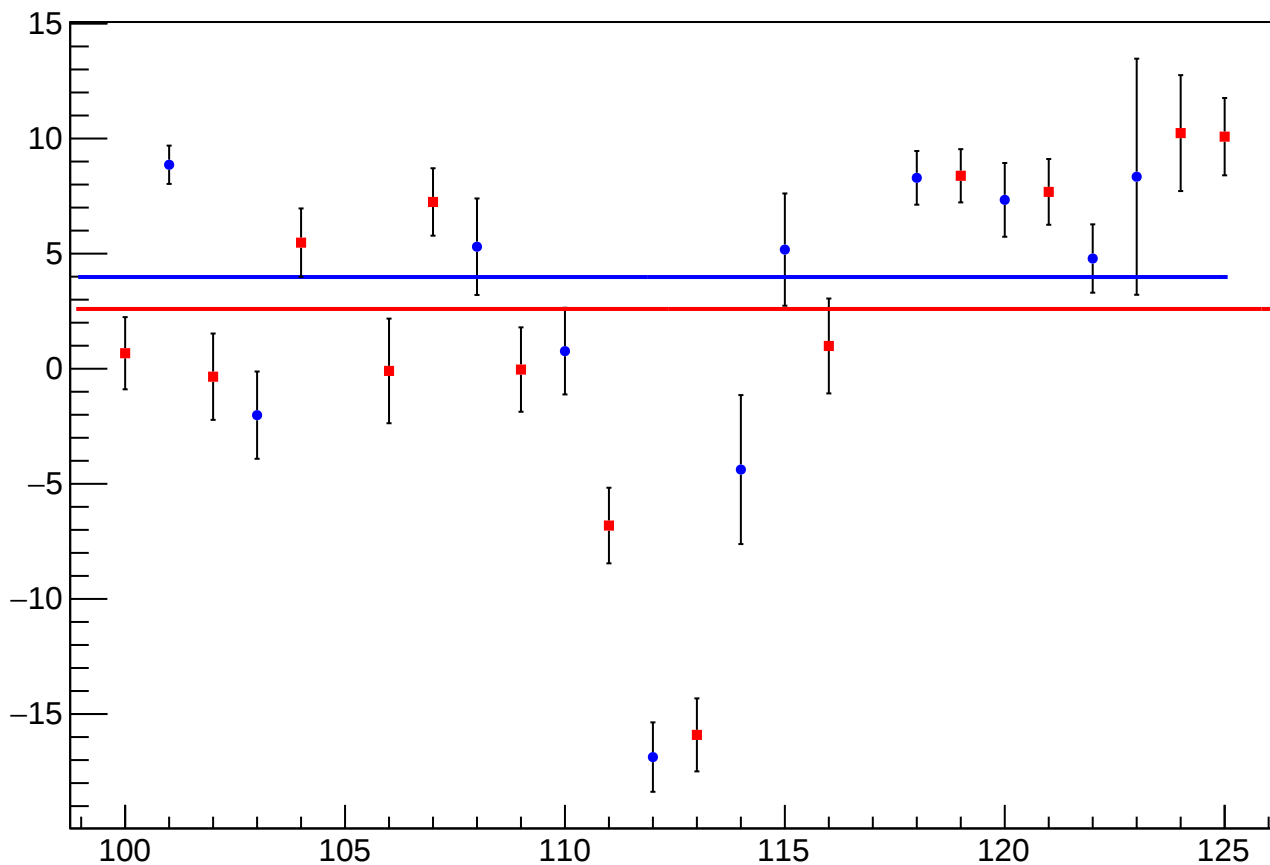
Right: 66.562+/-0.485 χ^2/NDF : 5837.1/23

In: 69.243+/-0.736 χ^2/NDF : 1913.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.562+/-0.485 χ^2/NDF : 5837.1/23

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.984+/-0.469 χ^2/NDF : 264.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.597+/-0.454 χ^2/NDF : 257.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

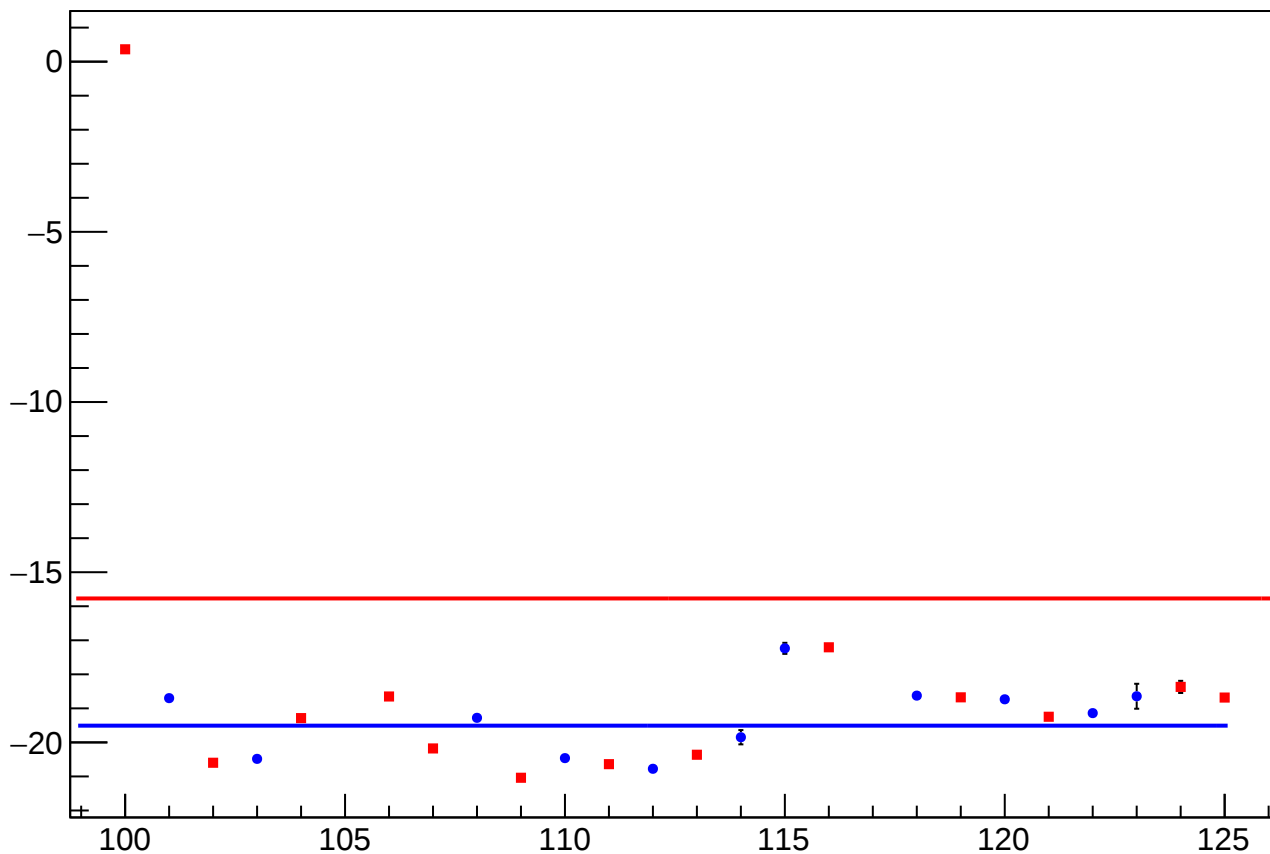
Right: 3.268+/-0.326 χ^2/NDF : 527.0/23

In: 3.984+/-0.469 χ^2/NDF : 264.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.268+/-0.326 χ^2/NDF : 527.0/23

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.508 $\pm$ 0.025 χ^2 /NDF: 1272.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -15.771 $\pm$ 0.021 χ^2 /NDF: 145301.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

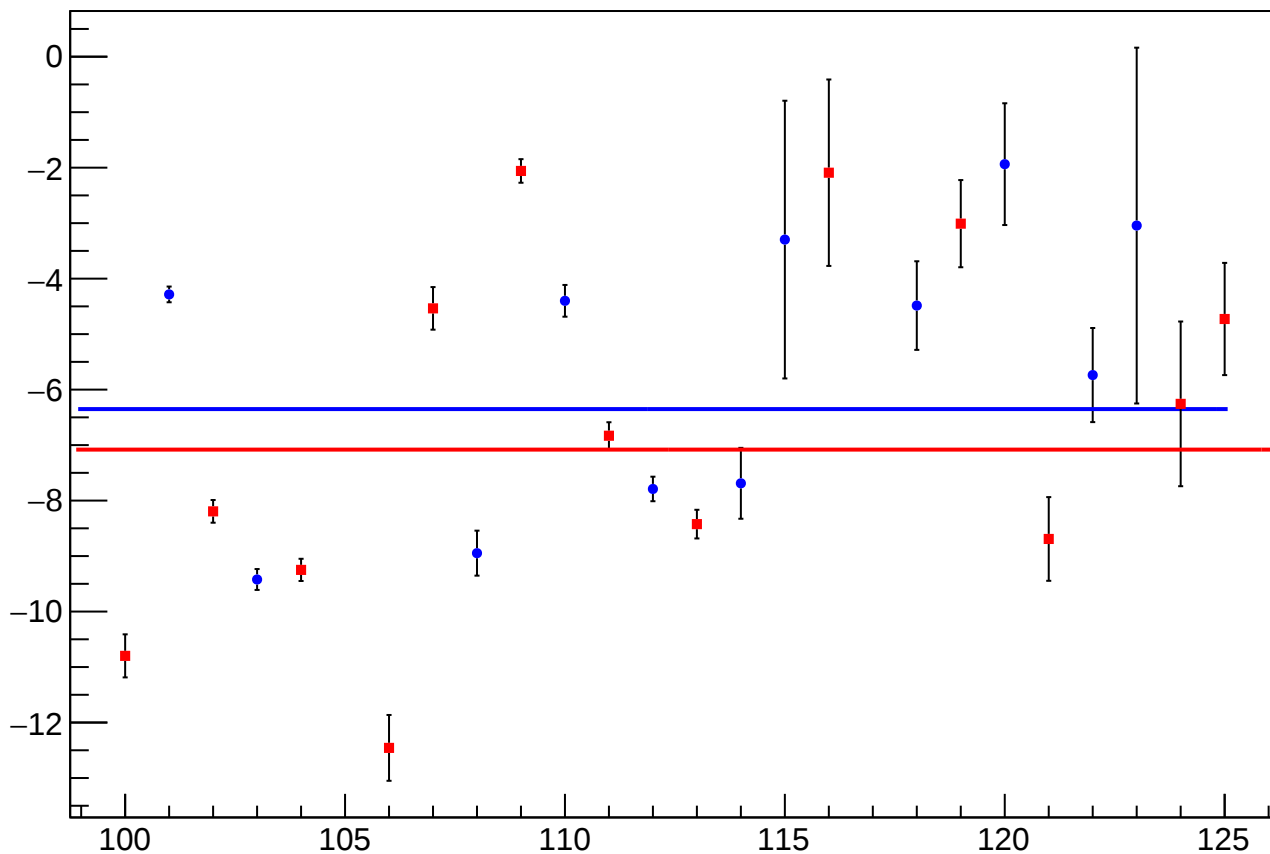
Right: -17.323 $\pm$ 0.016 χ^2 /NDF: 159570.5/23

In: -19.508 $\pm$ 0.025 χ^2 /NDF:1272.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -17.323 $\pm$ 0.016 χ^2 /NDF: 159570.5/23

reg_asym_sam_15_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -6.351 ± 0.090 χ^2/NDF : 638.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.081 ± 0.090 χ^2/NDF : 997.0/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

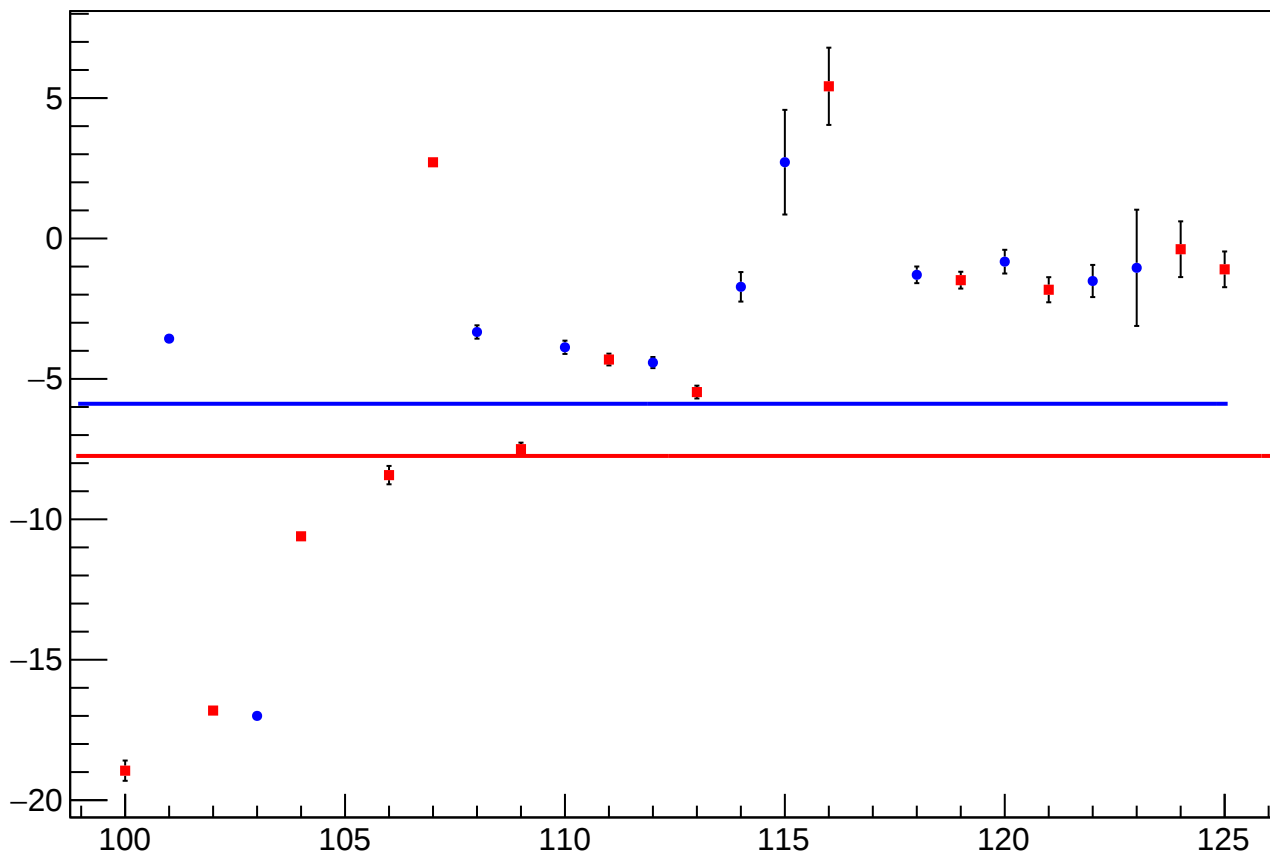
Right: -6.718 ± 0.064 χ^2/NDF : 1668.0/23

In: -6.351 ± 0.090 χ^2/NDF : 638.0/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.718 ± 0.064 χ^2/NDF : 1668.0/23

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.886+/-0.057 χ^2/NDF : 8433.1/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -7.743+/-0.063 χ^2/NDF : 11193.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

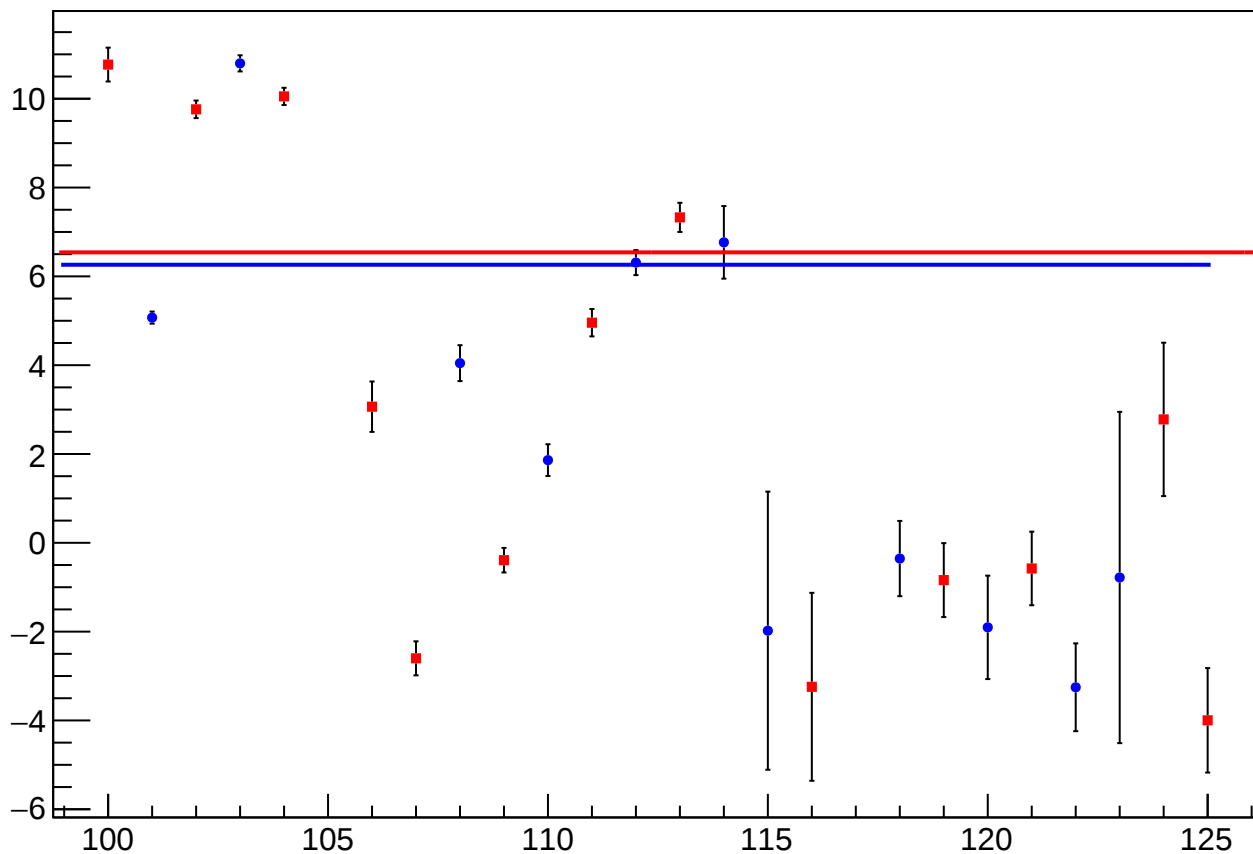
Right: -6.731+/-0.042 χ^2/NDF : 20103.3/23

In: -5.886+/-0.057 χ^2/NDF :8433.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.731+/-0.042 χ^2/NDF : 20103.3/23

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.262 $\pm$ 0.093 χ^2 /NDF: 1091.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6.540 $\pm$ 0.097 χ^2 /NDF: 2244.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

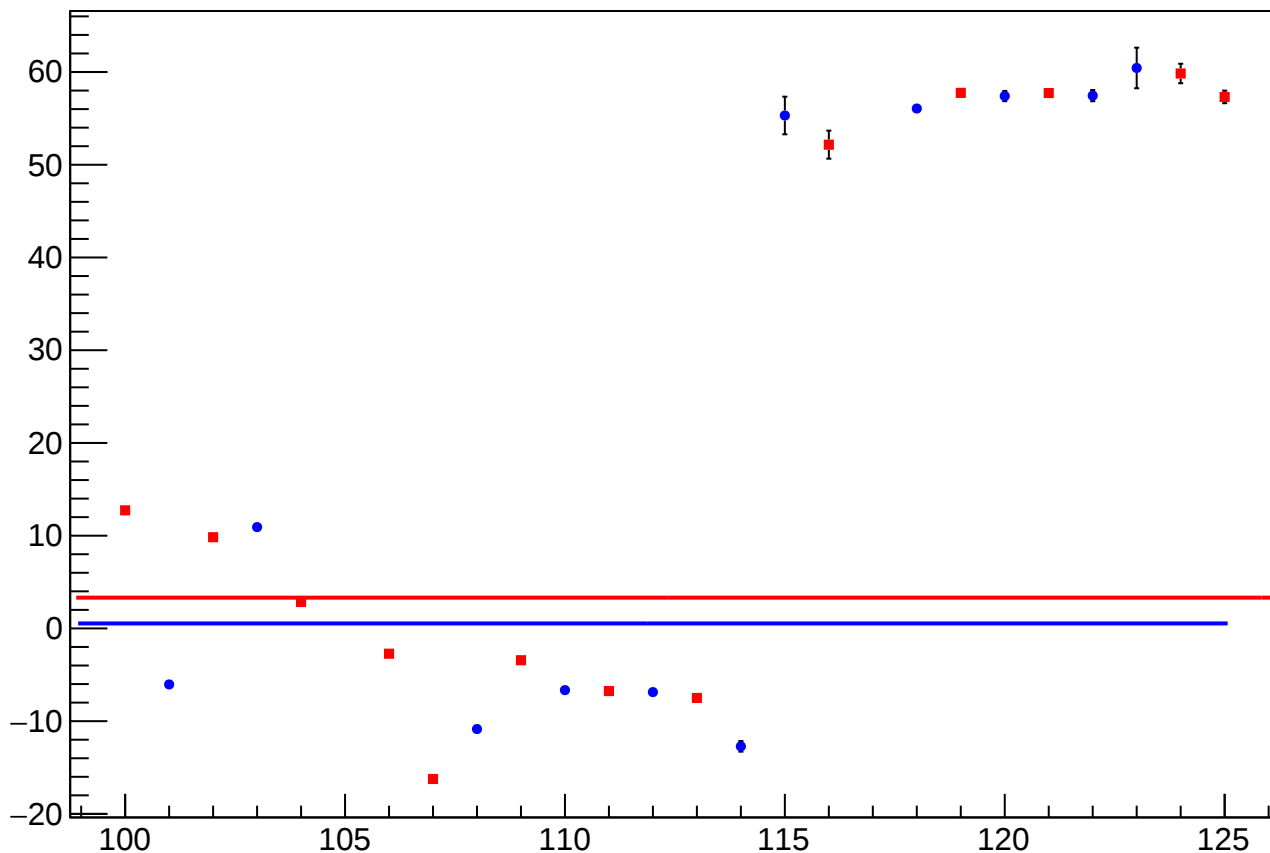
Right: 6.395 $\pm$ 0.067 χ^2 /NDF: 3340.1/23

In: 6.262 $\pm$ 0.093 χ^2 /NDF:1091.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 6.395 $\pm$ 0.067 χ^2 /NDF: 3340.1/23

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.537+/-0.069 χ^2/NDF : 54763.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.319+/-0.075 χ^2/NDF : 59541.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

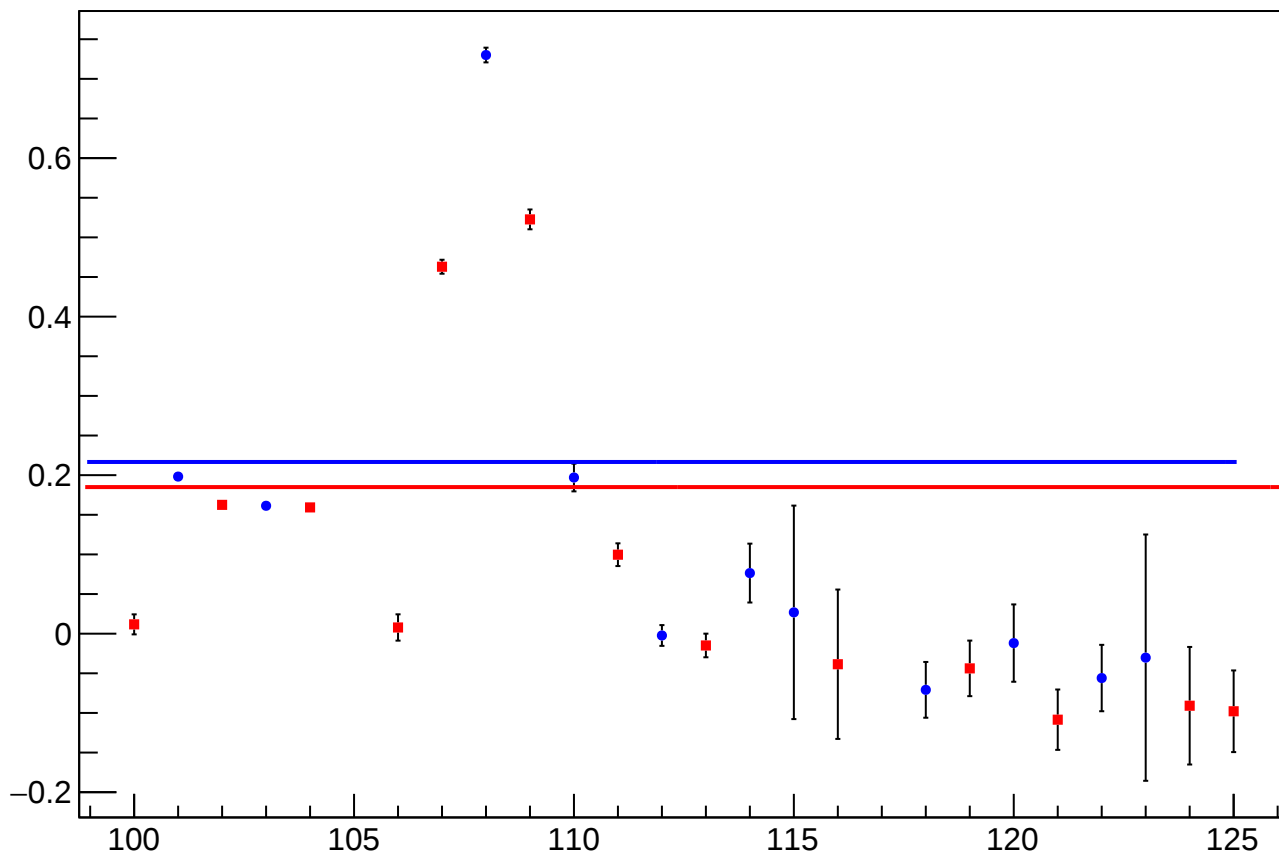
Right: 1.807+/-0.051 χ^2/NDF : 115057.2/23

In: 0.537+/-0.069 χ^2/NDF : 54763.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.807+/-0.051 χ^2/NDF : 115057.2/23

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.217+/-0.003 χ^2/NDF : 3683.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.185+/-0.003 χ^2/NDF : 2446.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

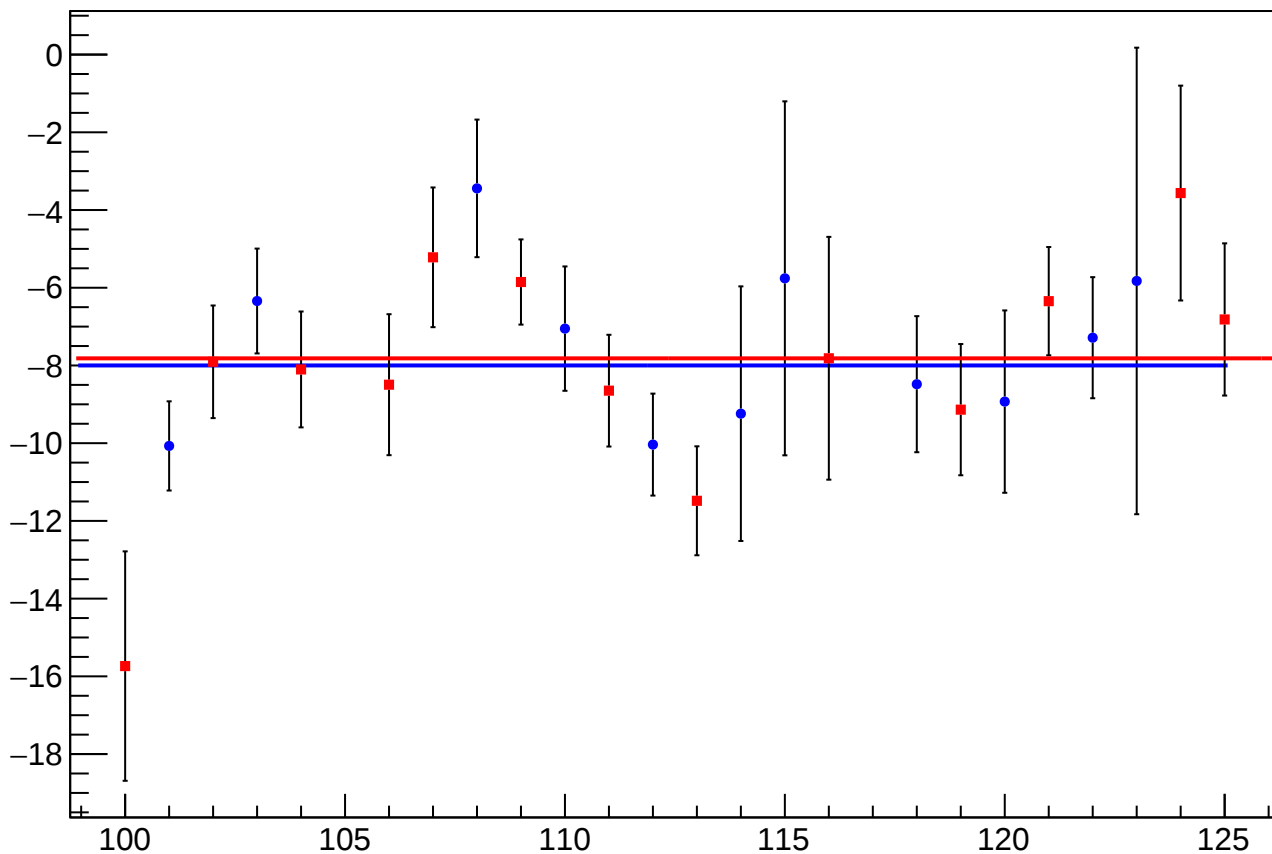
Right: 0.200+/-0.002 χ^2/NDF : 6192.6/23

In: 0.217+/-0.003 χ^2/NDF : 3683.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.200+/-0.002 χ^2/NDF : 6192.6/23

reg_asym_sam_15_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -8.000+/-0.521 χ^2/NDF : 15.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.817+/-0.455 χ^2/NDF : 24.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

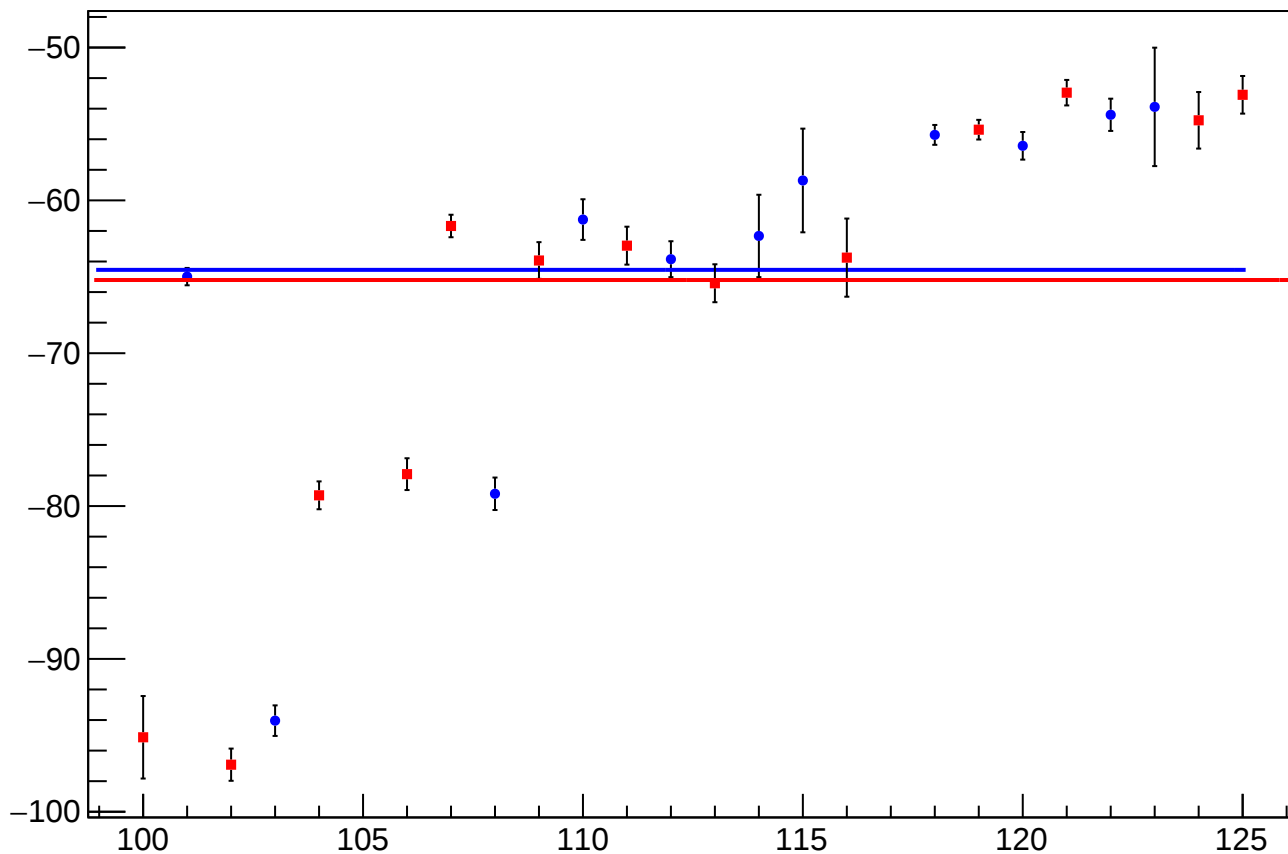
Right: -7.896+/-0.342 χ^2/NDF : 39.4/23

In: -8.000+/-0.521 χ^2/NDF : 15.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.896+/-0.342 χ^2/NDF : 39.4/23

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -64.546 $\pm$ 0.301 χ^2 /NDF: 1436.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -65.210 $\pm$ 0.289 χ^2 /NDF: 2022.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

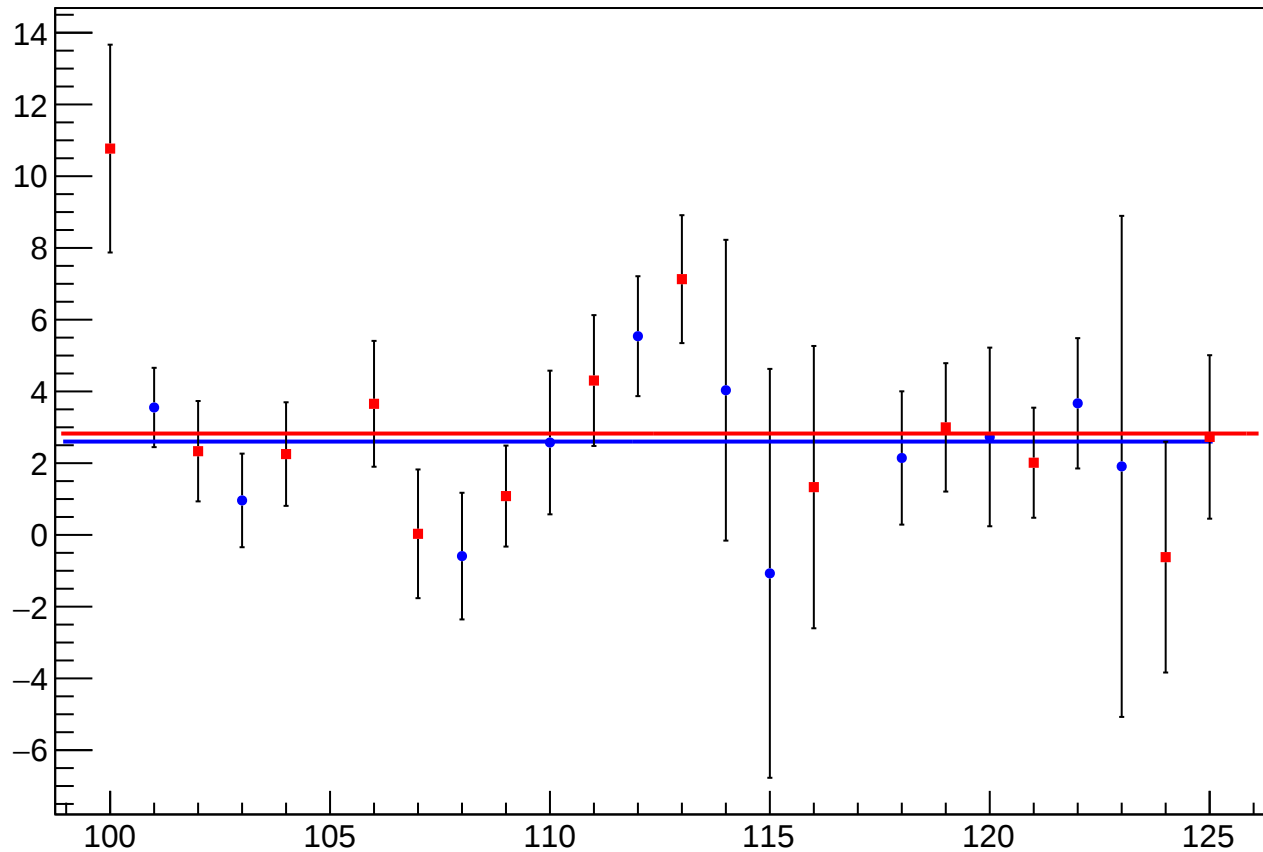
Right: -64.891 $\pm$ 0.208 χ^2 /NDF: 3461.4/23

In: -64.546 $\pm$ 0.301 χ^2 /NDF:1436.5/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -64.891 $\pm$ 0.208 χ^2 /NDF: 3461.4/23

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.602 $\pm$ 0.559 χ^2 /NDF: 9.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.826 $\pm$ 0.503 χ^2 /NDF: 20.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

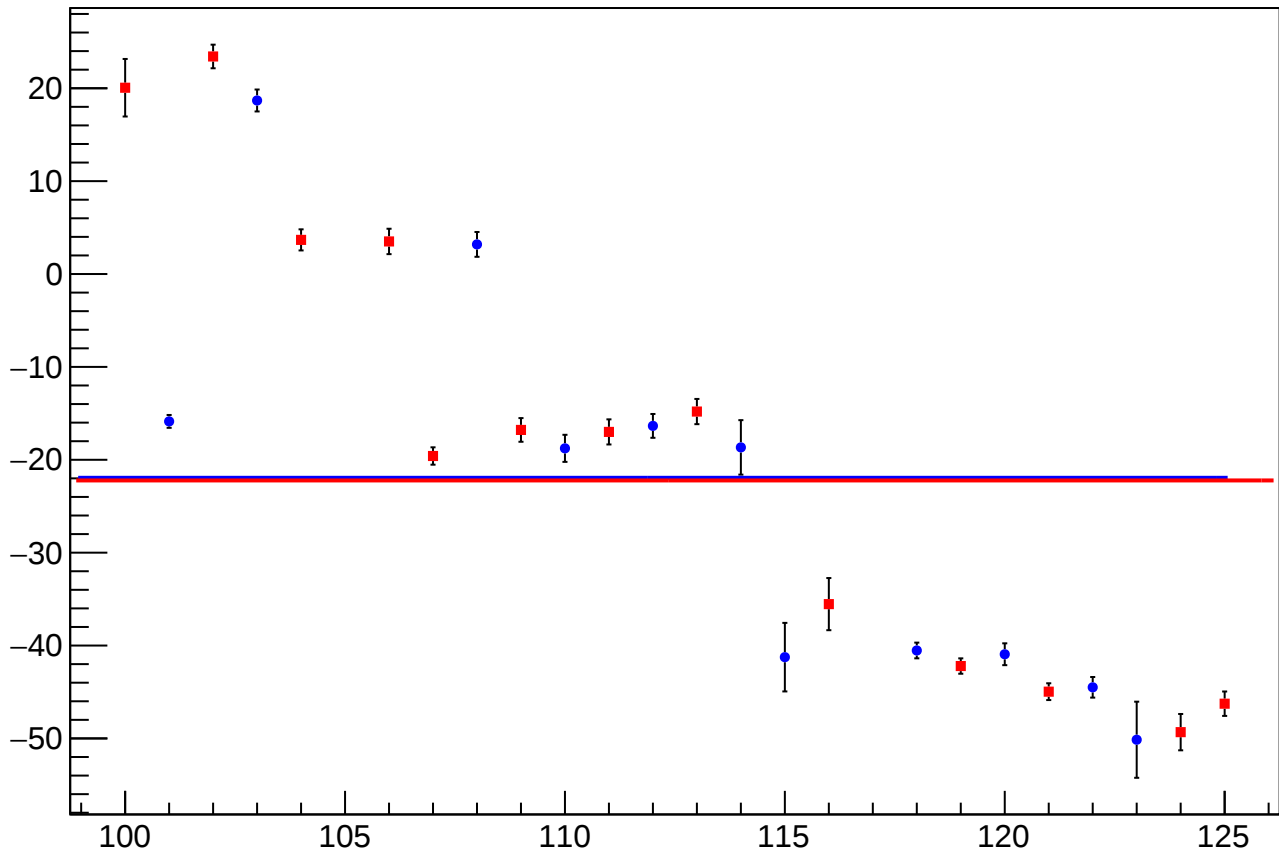
Right: 2.726 $\pm$ 0.374 χ^2 /NDF: 29.8/23

In: 2.602 $\pm$ 0.559 χ^2 /NDF: 9.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.726 $\pm$ 0.374 χ^2 /NDF: 29.8/23

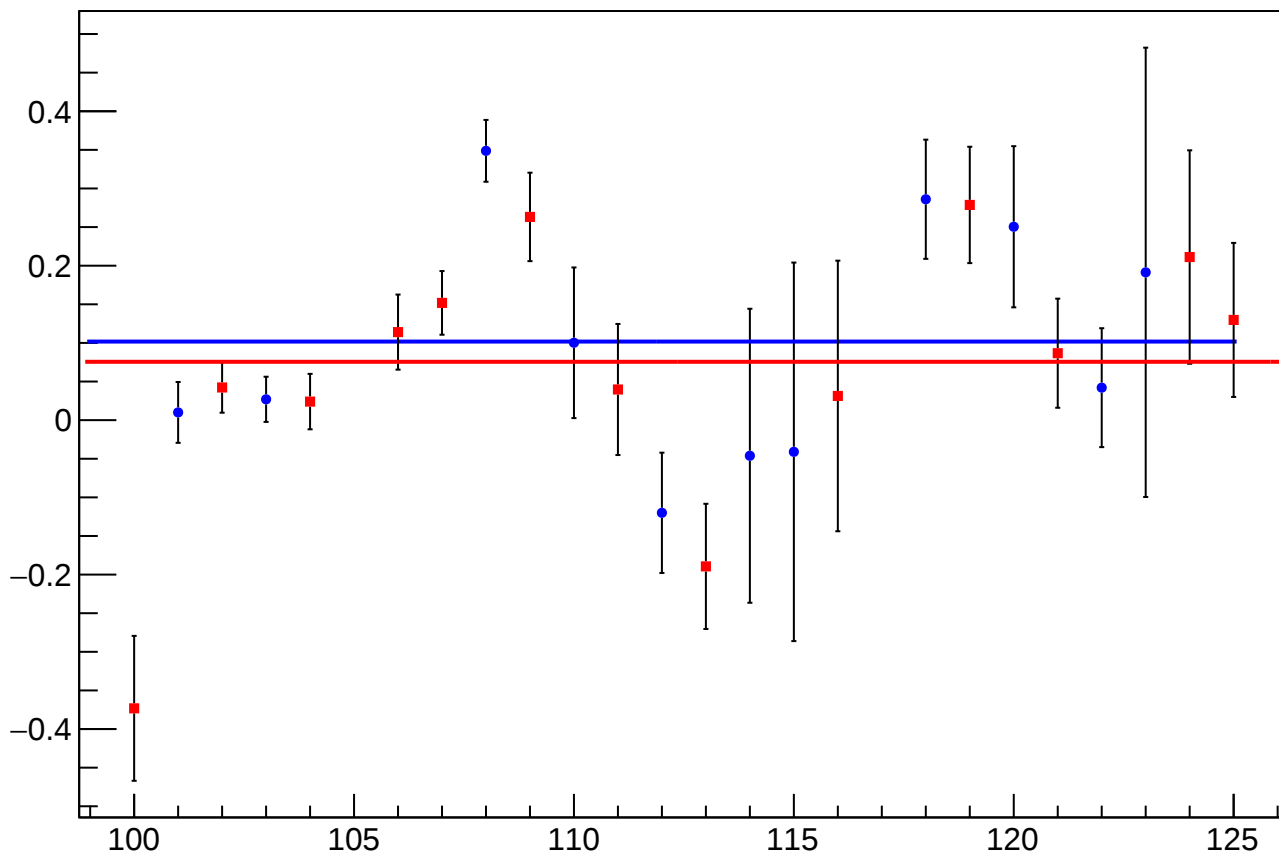
reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -21.940 ± 0.362 χ^2/NDF : 2871.7/10
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -22.224 ± 0.342 χ^2/NDF : 4188.8/12
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -22.090 ± 0.249 χ^2/NDF : 7060.8/23
 In: -21.940 ± 0.362 χ^2/NDF : 2871.7/10
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -22.090 ± 0.249 χ^2/NDF : 7060.8/23

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.102+/-0.018 χ^2/NDF : 67.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.076+/-0.016 χ^2/NDF : 60.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

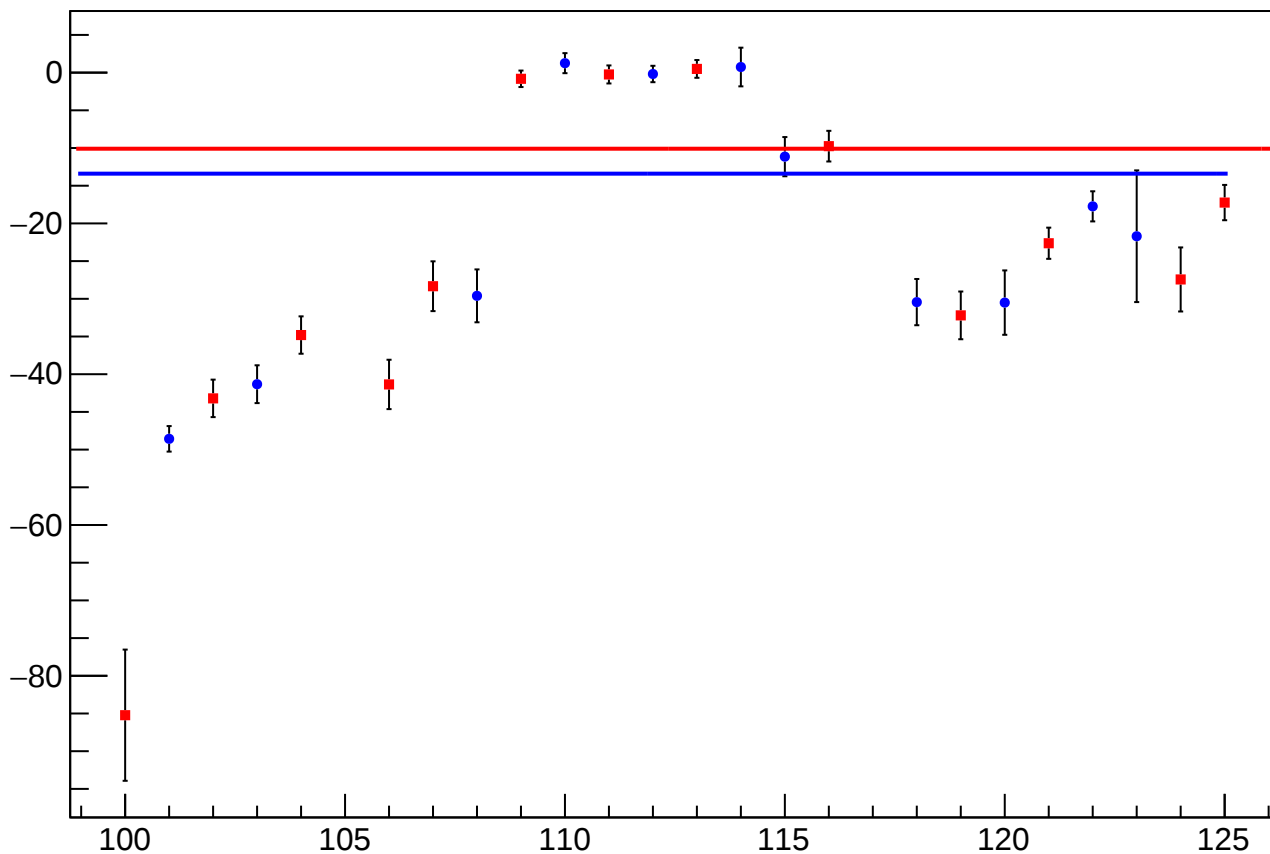
Right: 0.087+/-0.012 χ^2/NDF : 129.0/23

In: 0.102+/-0.018 χ^2/NDF : 67.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.087+/-0.012 χ^2/NDF : 129.0/23

reg_asym_sam_37_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -13.401 ± 0.606 χ^2/NDF : 930.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -10.093 ± 0.527 χ^2/NDF : 805.3/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

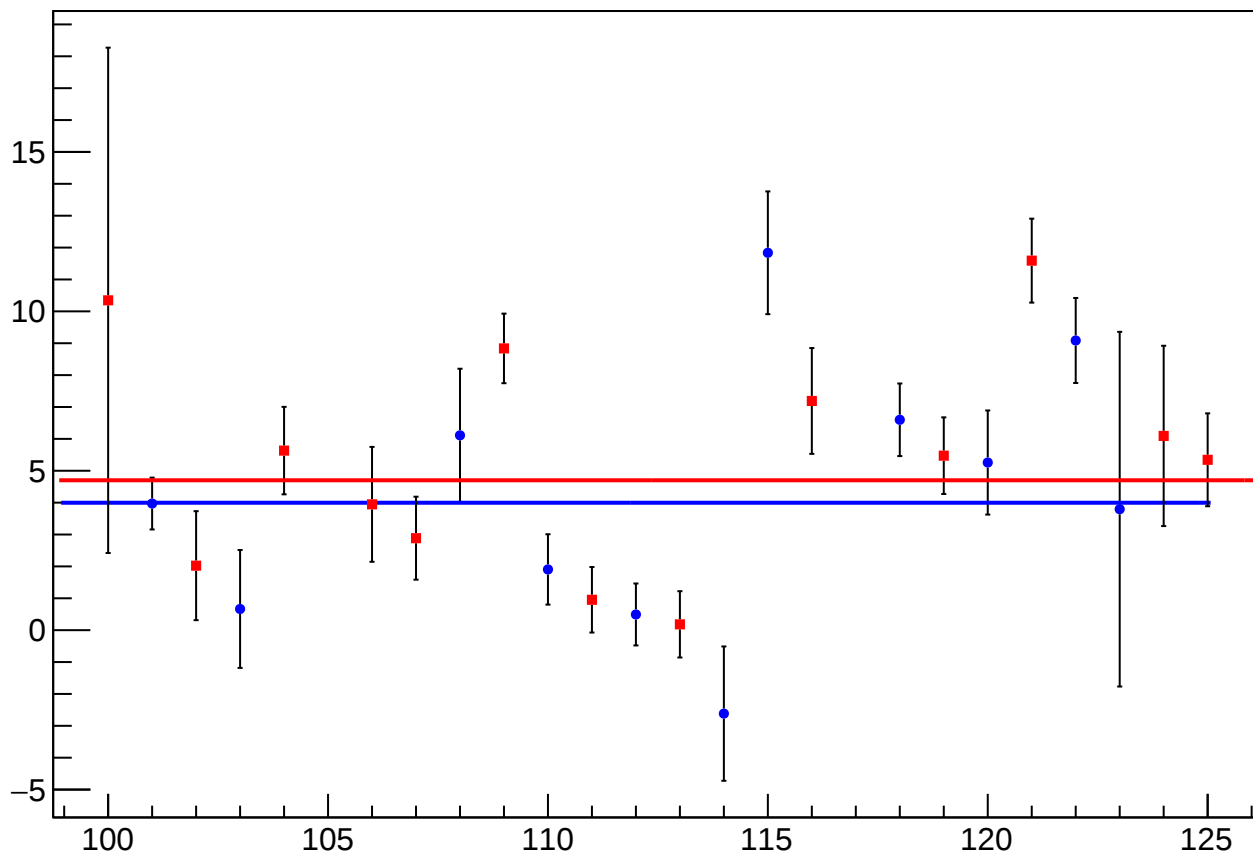
Right: -11.520 ± 0.398 χ^2/NDF : 1752.5/23

In: -13.401 ± 0.606 χ^2/NDF : 930.1/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.520 ± 0.398 χ^2/NDF : 1752.5/23

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.997+/-0.403 χ^2/NDF : 67.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.701+/-0.385 χ^2/NDF : 82.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

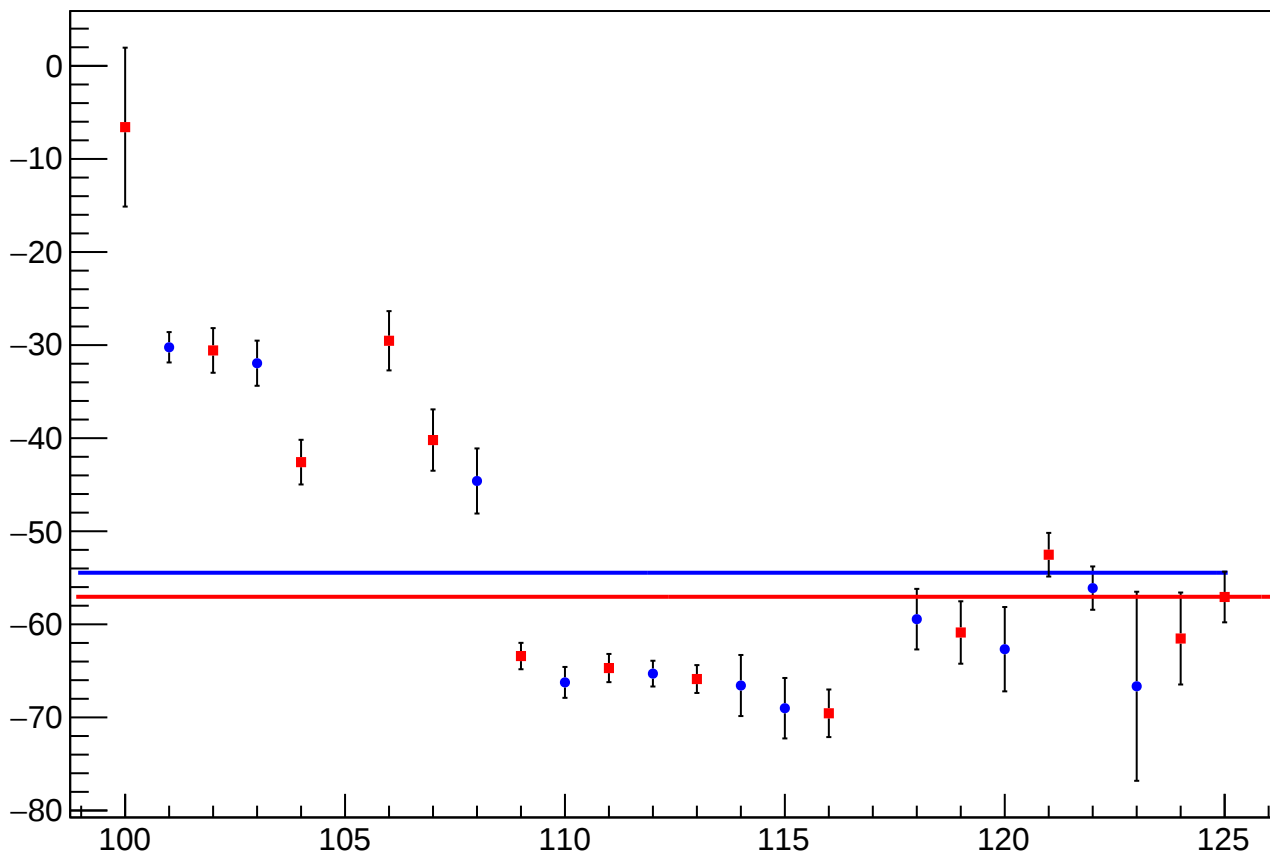
Right: 4.365+/-0.279 χ^2/NDF : 151.9/23

In: 3.997+/-0.403 χ^2/NDF : 67.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.365+/-0.279 χ^2/NDF : 151.9/23

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.457+/-0.700 χ^2/NDF : 467.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -57.040+/-0.629 χ^2/NDF : 404.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

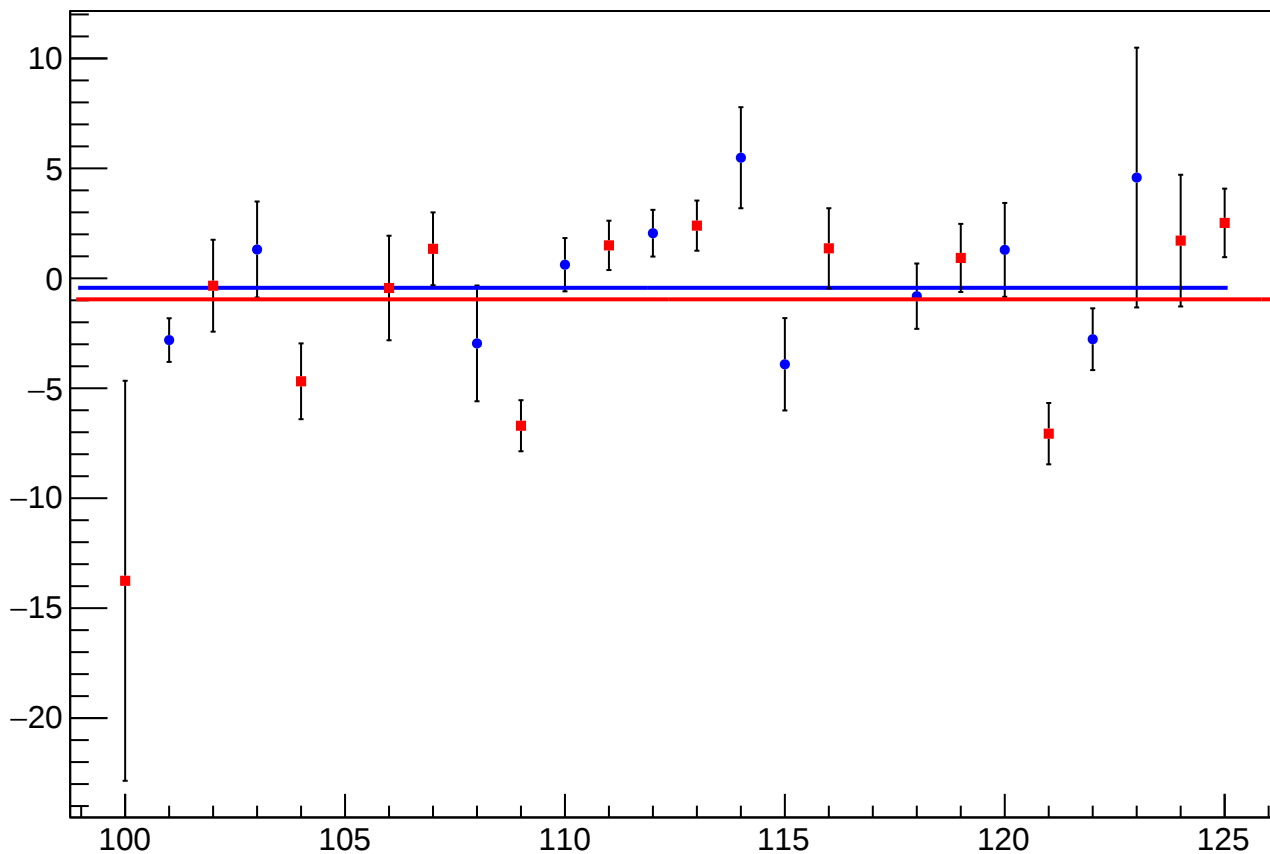
Right: -55.888+/-0.468 χ^2/NDF : 879.3/23

In: -54.457+/-0.700 χ^2/NDF : 467.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.888+/-0.468 χ^2/NDF : 879.3/23

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.432+/-0.468 χ^2/NDF : 27.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.956+/-0.439 χ^2/NDF : 74.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

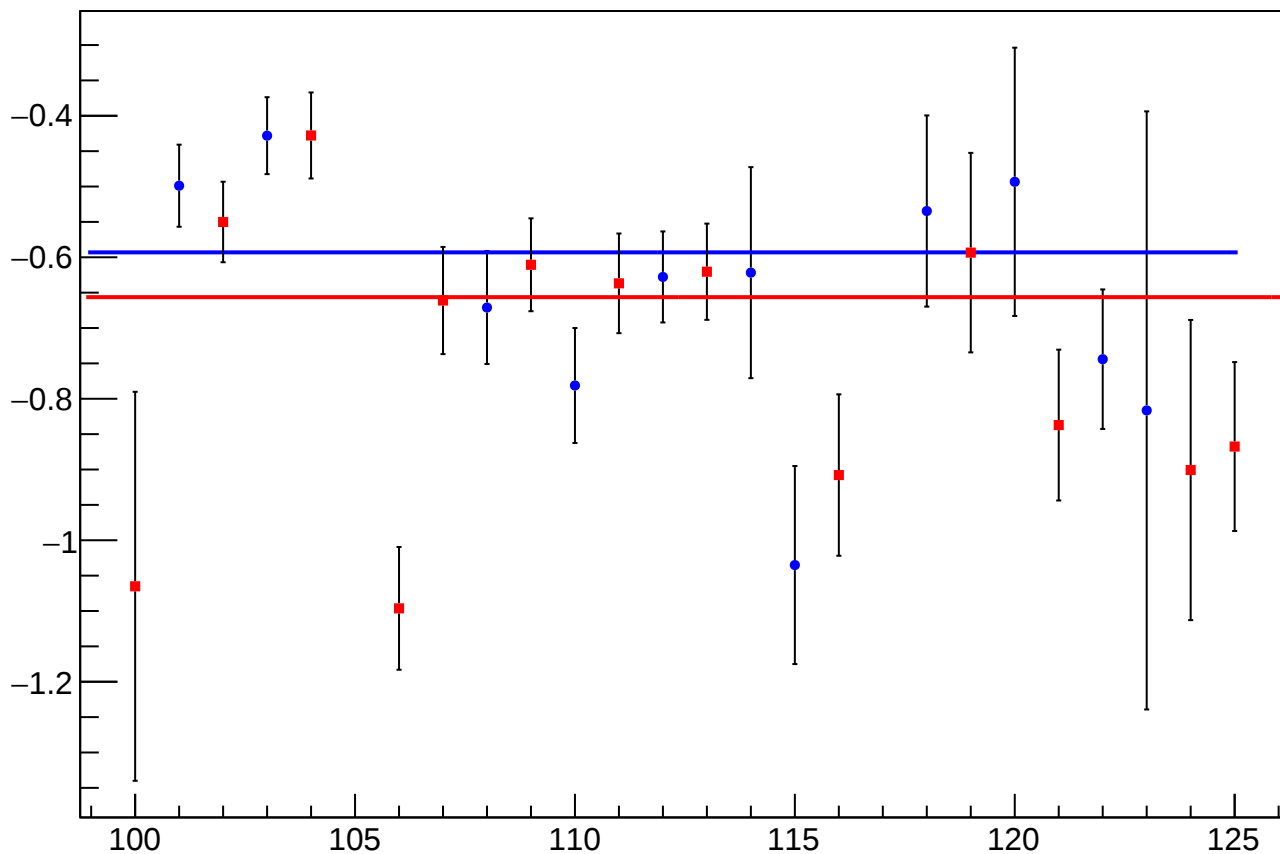
Right: -0.711+/-0.320 χ^2/NDF : 102.4/23

In: -0.432+/-0.468 χ^2/NDF : 27.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.711+/-0.320 χ^2/NDF : 102.4/23

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.593 ± 0.026 χ^2/NDF : 31.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.656 ± 0.023 χ^2/NDF : 58.8/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

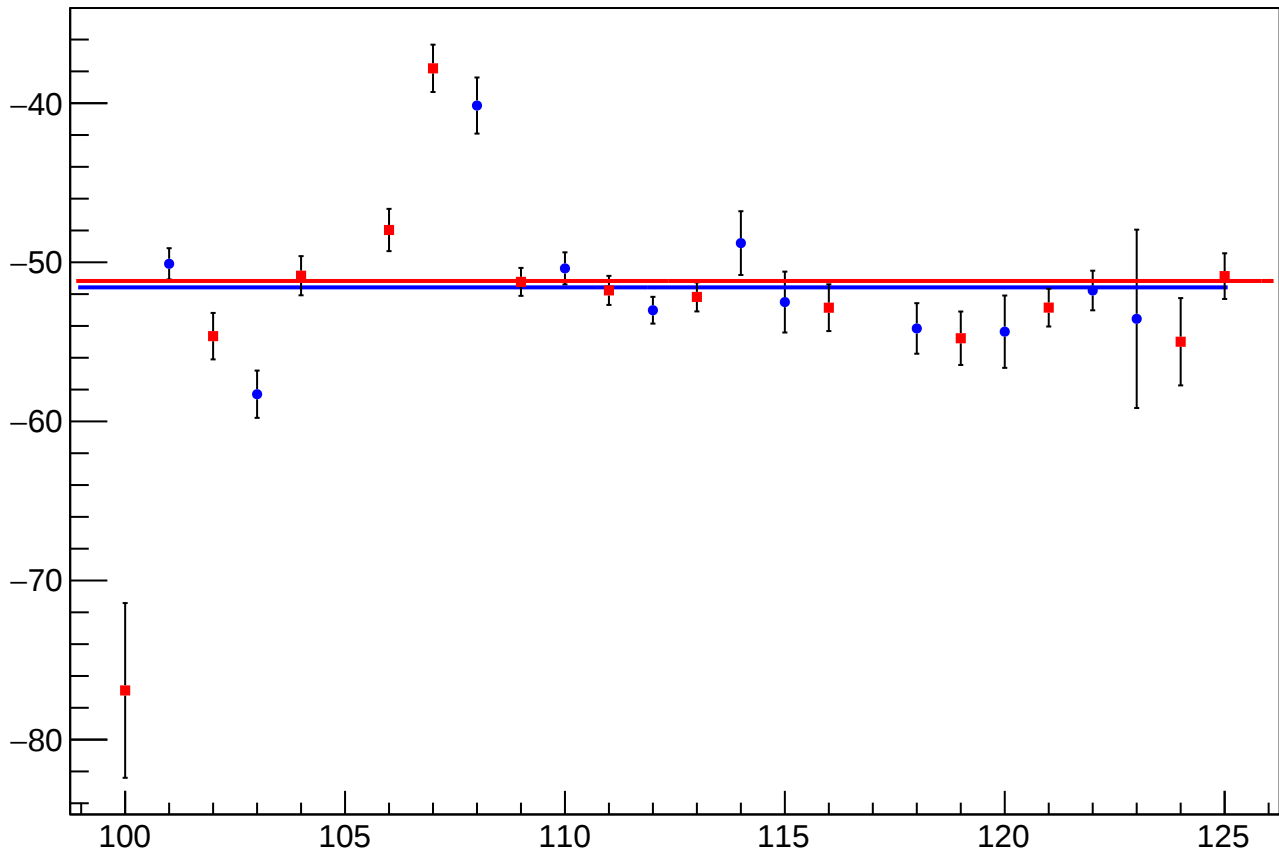
Right: -0.628 ± 0.017 χ^2/NDF : 93.6/23

In: -0.593 ± 0.026 χ^2/NDF : 31.5/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.628 ± 0.017 χ^2/NDF : 93.6/23

reg_asym_sam_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -51.576 $\pm$ 0.408 χ^2 /NDF: 75.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -51.173 $\pm$ 0.353 χ^2 /NDF: 125.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

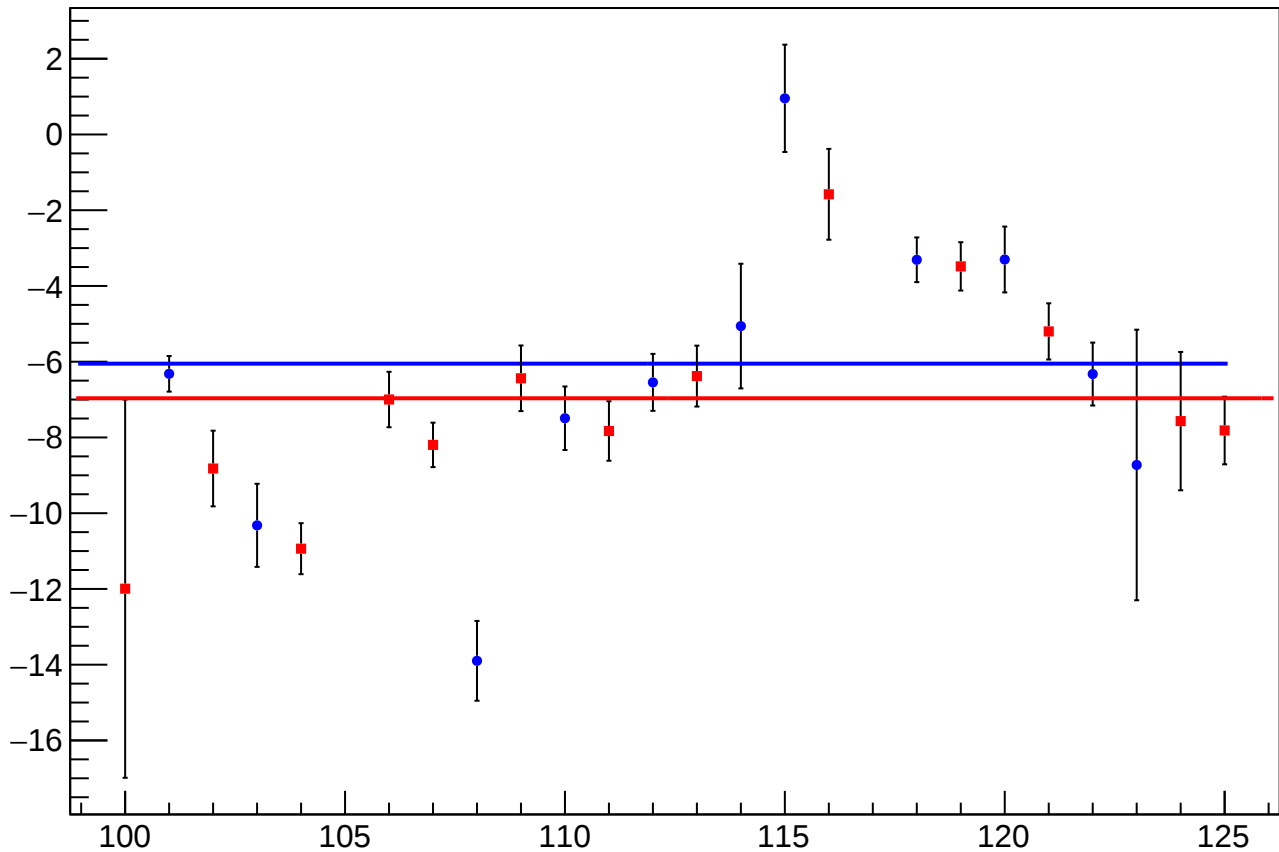
Right: -51.345 $\pm$ 0.267 χ^2 /NDF: 201.7/23

In: -51.576 $\pm$ 0.408 χ^2 /NDF:75.5/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -51.345 $\pm$ 0.267 χ^2 /NDF: 201.7/23

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.051 ± 0.250 χ^2/NDF : 131.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.966 ± 0.229 χ^2/NDF : 102.4/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

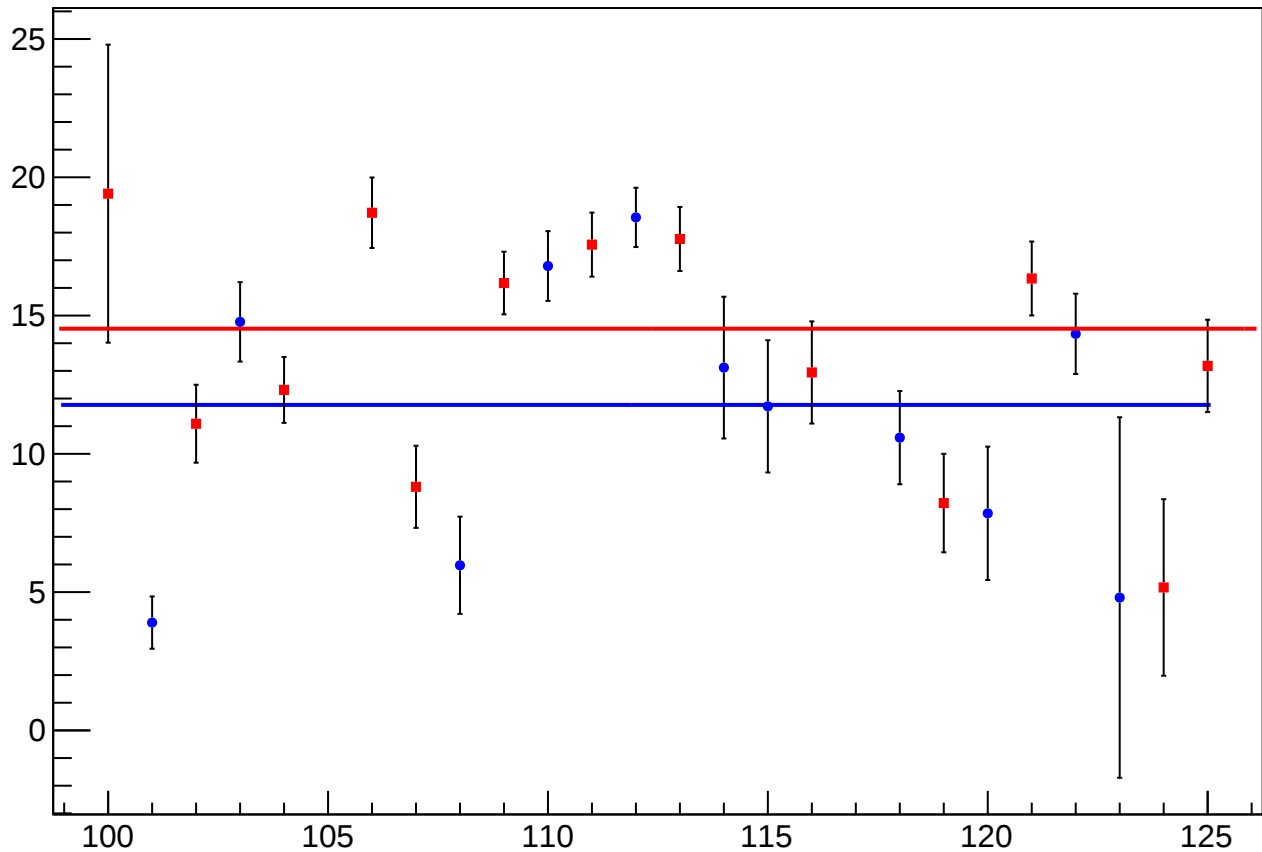
Right: -6.548 ± 0.169 χ^2/NDF : 241.0/23

In: -6.051 ± 0.250 χ^2/NDF : 131.4/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.548 ± 0.169 χ^2/NDF : 241.0/23

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.769+/-0.458 χ^2/NDF : 148.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.525+/-0.401 χ^2/NDF : 77.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

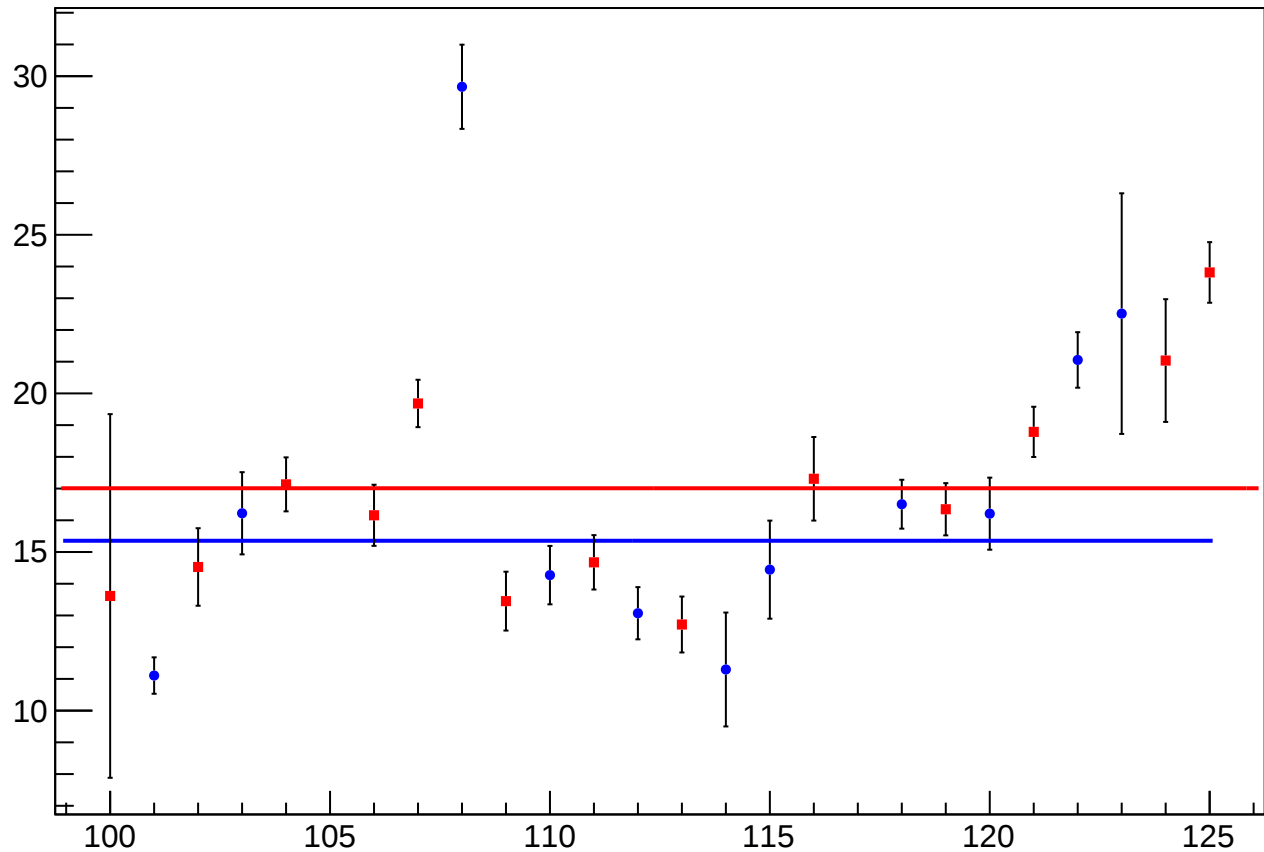
Right: 13.327+/-0.302 χ^2/NDF : 245.8/23

In: 11.769+/-0.458 χ^2/NDF : 148.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.327+/-0.302 χ^2/NDF : 245.8/23

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.355+/-0.296 χ^2/NDF : 234.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.010+/-0.269 χ^2/NDF : 124.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

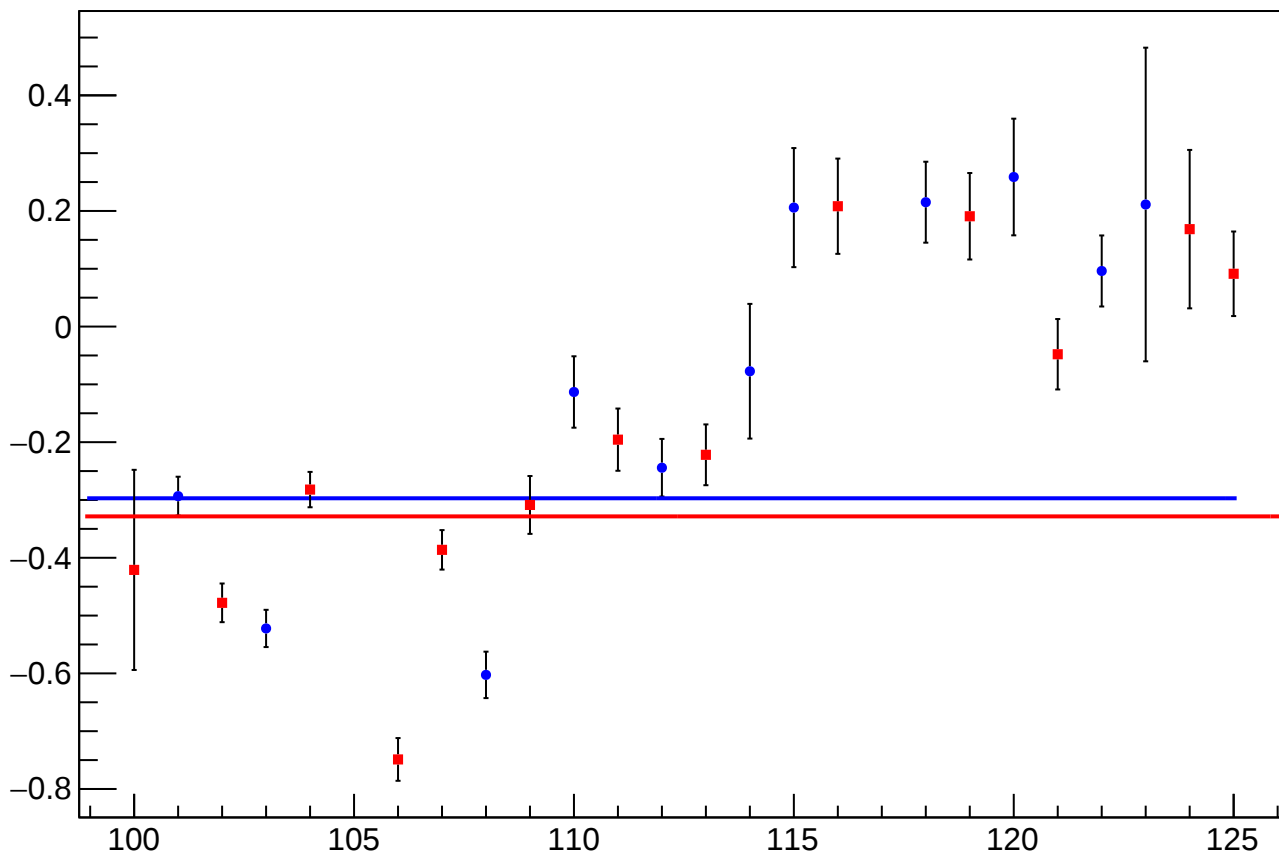
Right: 16.260+/-0.199 χ^2/NDF : 376.6/23

In: 15.355+/-0.296 χ^2/NDF : 234.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.260+/-0.199 χ^2/NDF : 376.6/23

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.297 $\pm$ 0.016 χ^2 /NDF: 272.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.328 $\pm$ 0.013 χ^2 /NDF: 323.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

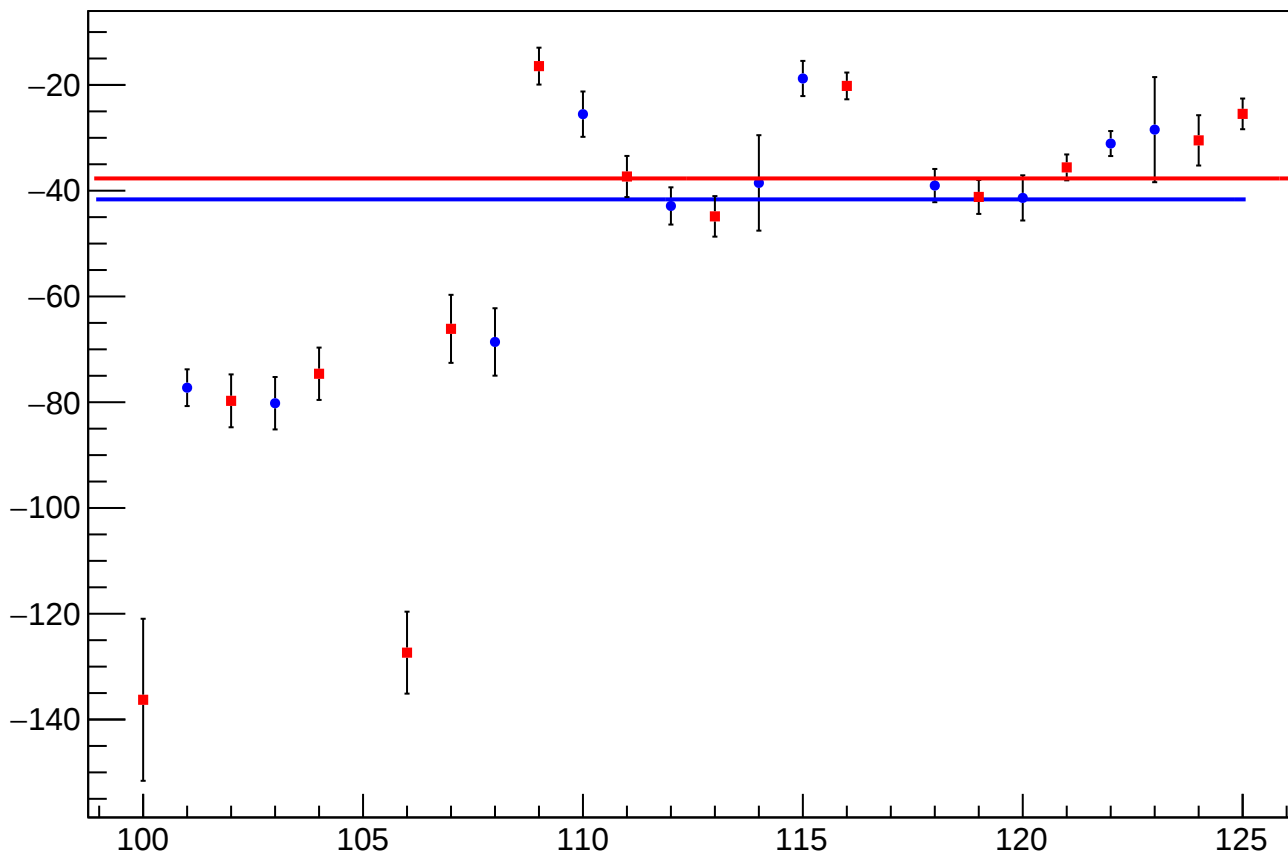
Right: -0.315 $\pm$ 0.010 χ^2 /NDF: 597.7/23

In: -0.297 $\pm$ 0.016 χ^2 /NDF:272.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.315 $\pm$ 0.010 χ^2 /NDF: 597.7/23

reg_asym_sam_26_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -41.642+/-1.170 χ^2/NDF : 267.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.680+/-1.040 χ^2/NDF : 431.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

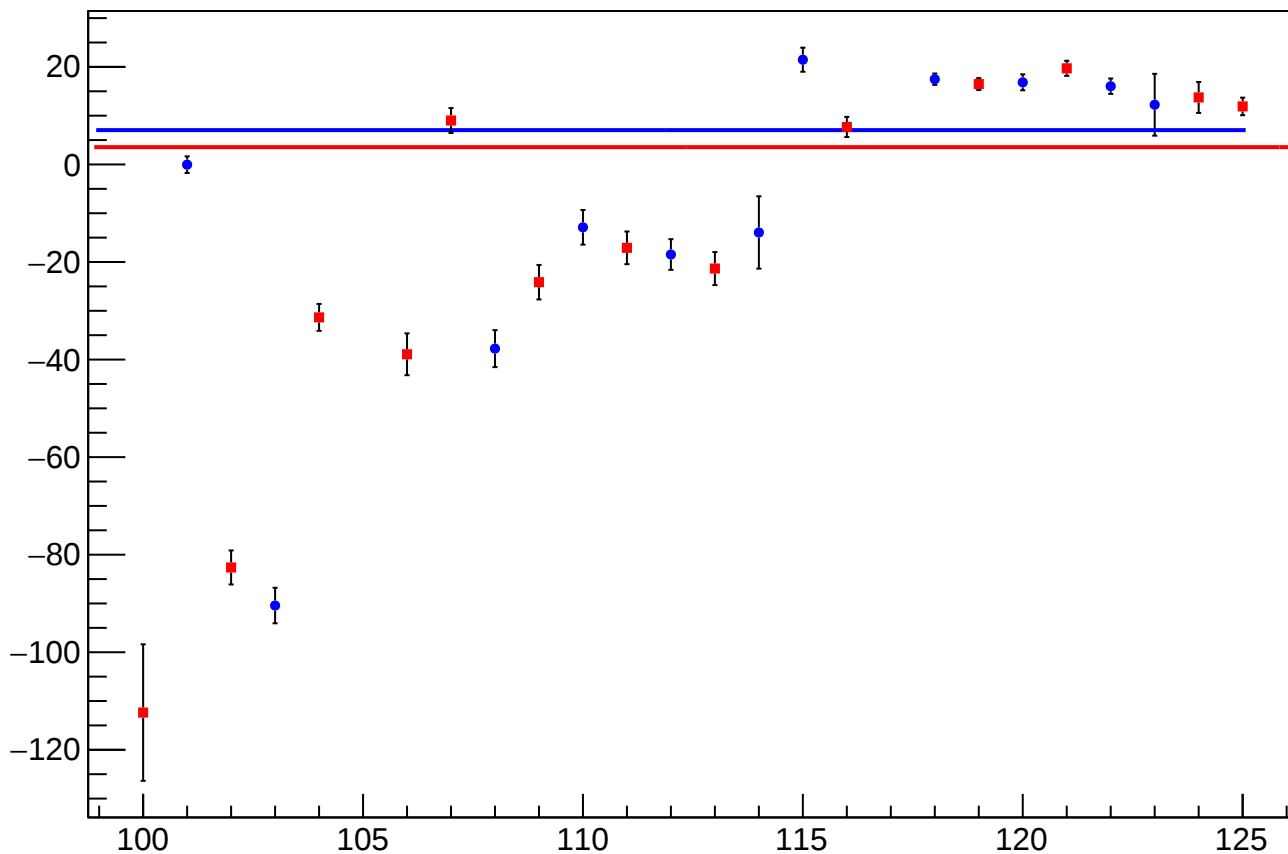
Right: -39.429+/-0.777 χ^2/NDF : 705.5/23

In: -41.642+/-1.170 χ^2/NDF : 267.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.429+/-0.777 χ^2/NDF : 705.5/23

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.039+/-0.648 χ^2/NDF : 1161.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.552+/-0.644 χ^2/NDF : 1351.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

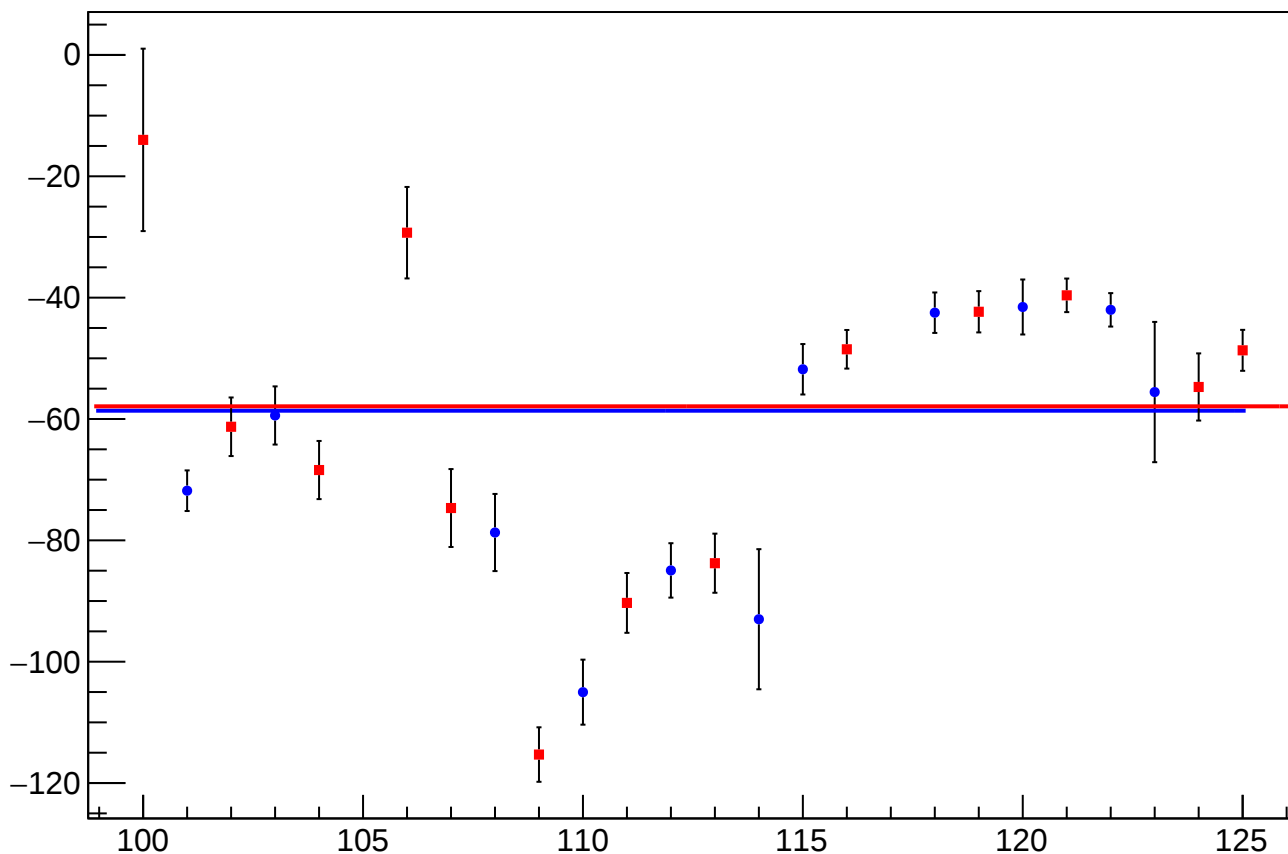
Right: 5.285+/-0.457 χ^2/NDF : 2527.5/23

In: 7.039+/-0.648 χ^2/NDF : 1161.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.285+/-0.457 χ^2/NDF : 2527.5/23

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -58.632 $\pm$ 1.307 χ^2 /NDF: 220.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -57.911 $\pm$ 1.194 χ^2 /NDF: 350.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

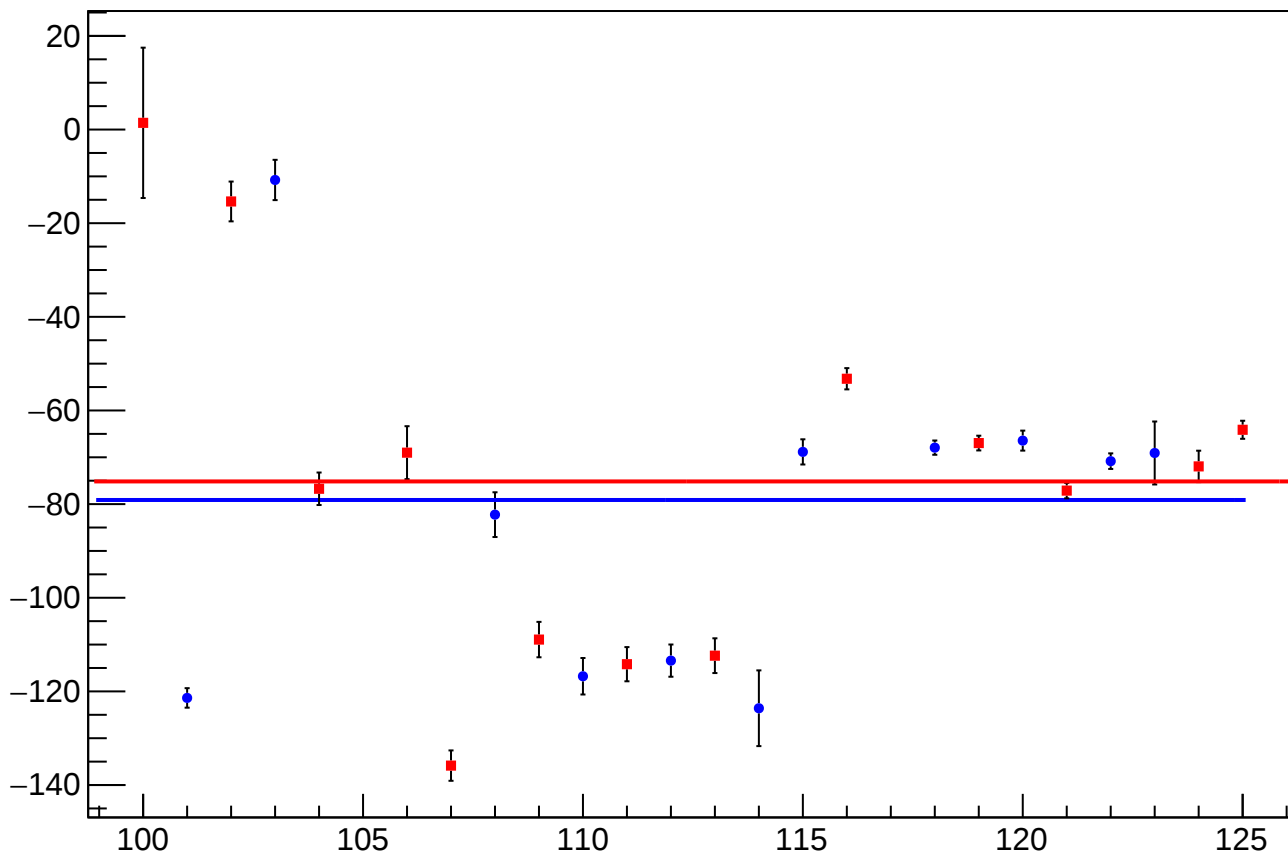
Right: -58.239 $\pm$ 0.881 χ^2 /NDF: 571.7/23

In: -58.632 $\pm$ 1.307 χ^2 /NDF:220.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -58.239 $\pm$ 0.881 χ^2 /NDF: 571.7/23

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -79.119 ± 0.775 χ^2/NDF : 1018.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -75.155 ± 0.743 χ^2/NDF : 1022.4/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

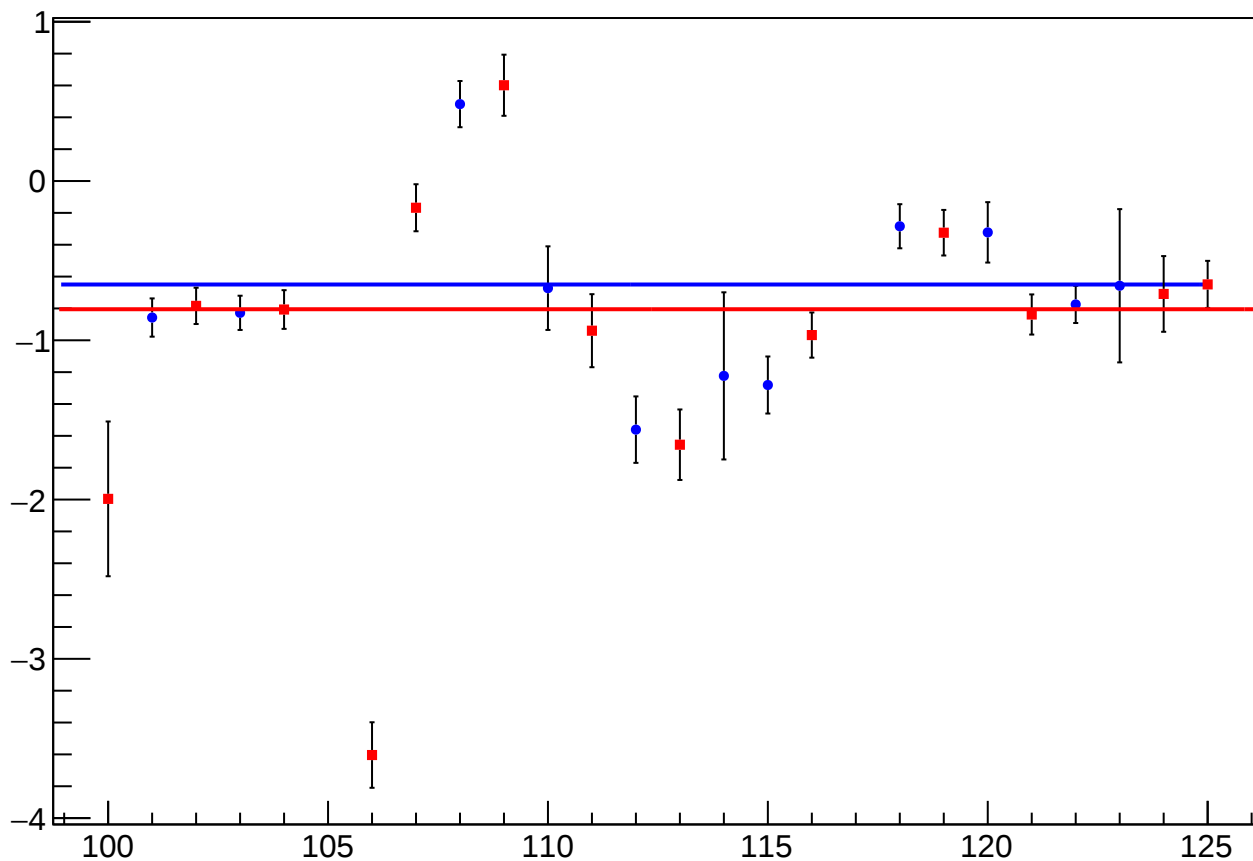
Right: -77.054 ± 0.536 χ^2/NDF : 2054.2/23

In: -79.119 ± 0.775 χ^2/NDF : 1018.2/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -77.054 ± 0.536 χ^2/NDF : 2054.2/23

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.650 ± 0.048 $\chi^2/\text{NDF}: 110.5/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.805 ± 0.044 $\chi^2/\text{NDF}: 292.5/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

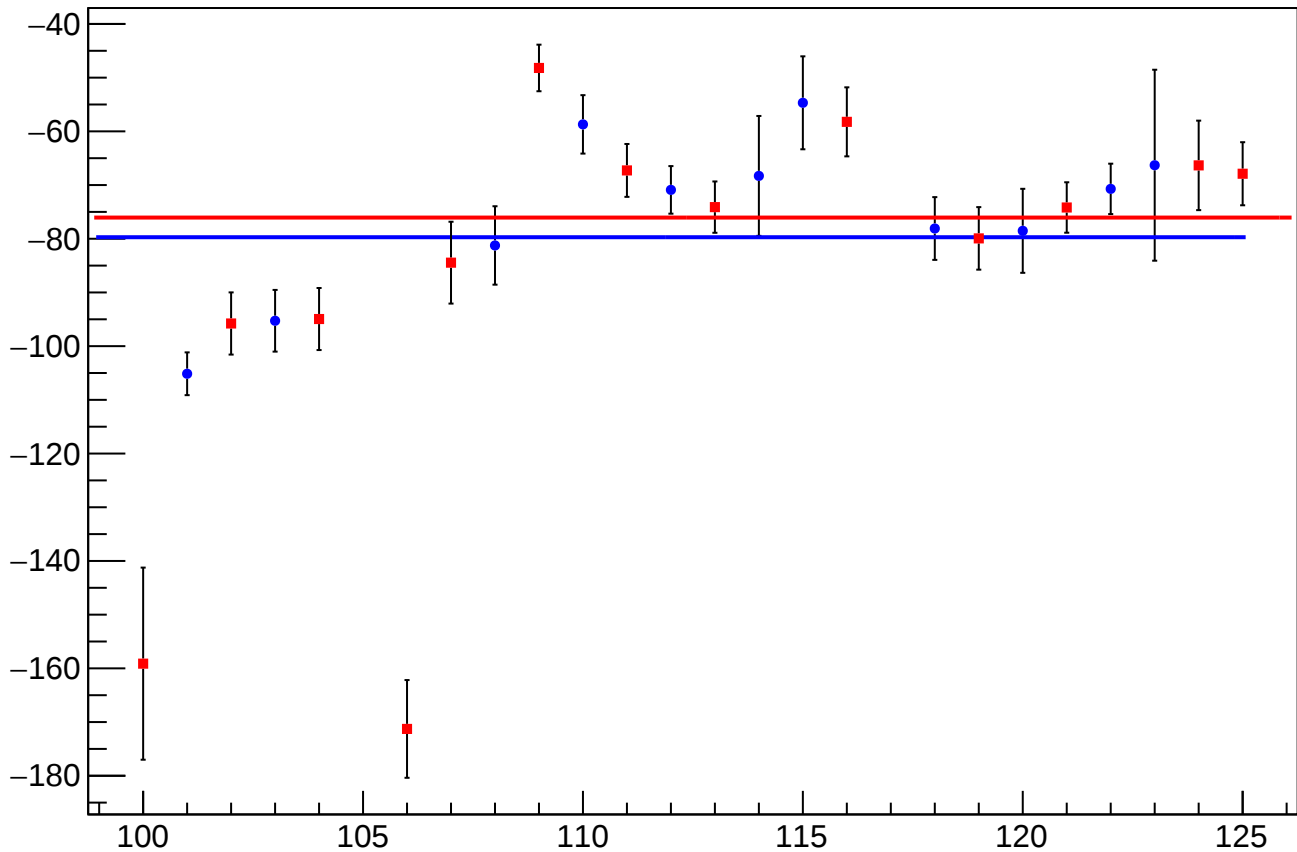
Right: -0.734 ± 0.033 $\chi^2/\text{NDF}: 408.7/23$

In: -0.650 ± 0.048 $\chi^2/\text{NDF}: 110.5/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.734 ± 0.033 $\chi^2/\text{NDF}: 408.7/23$

reg_asym_sam_26_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -79.715 ± 1.789 $\chi^2/\text{NDF}: 80.8/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -76.056 ± 1.638 $\chi^2/\text{NDF}: 210.8/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

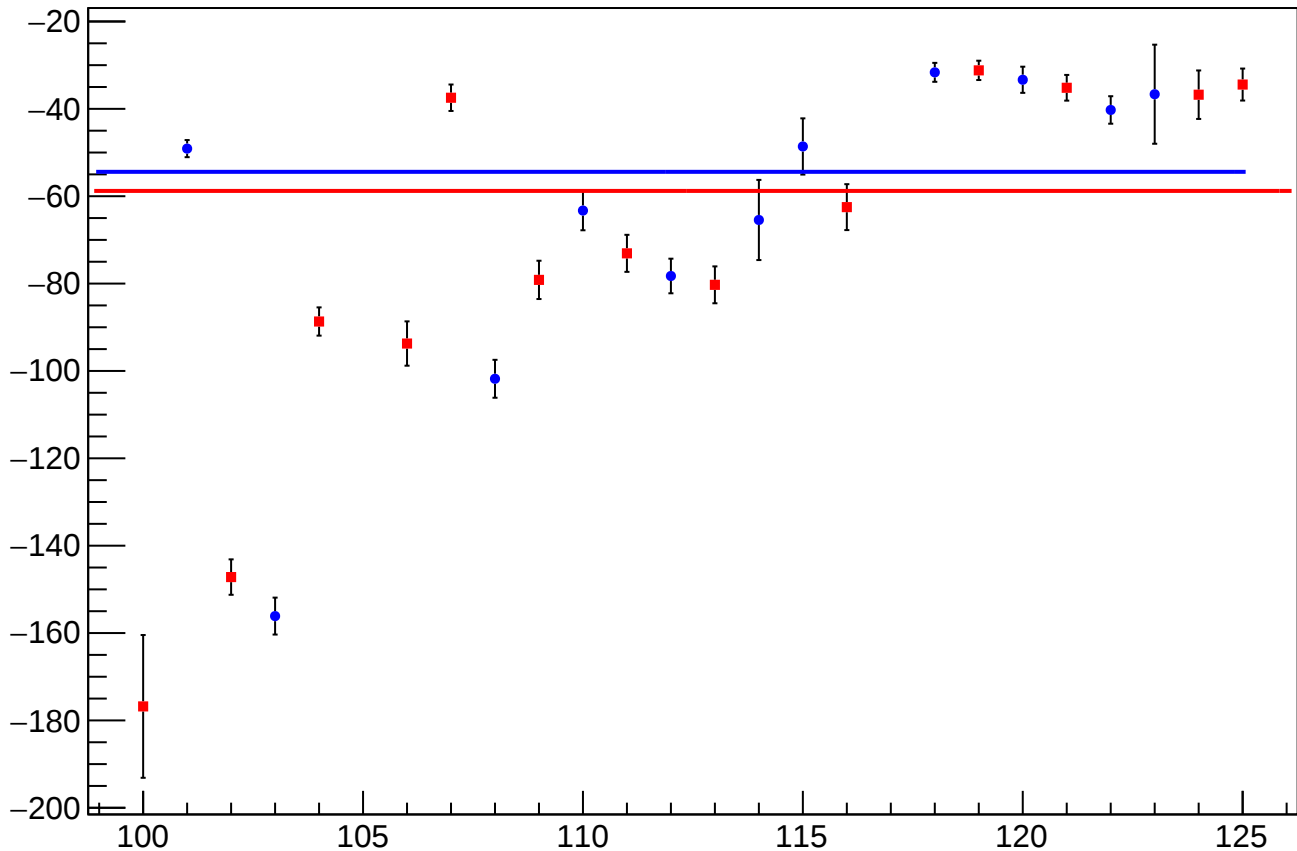
Right: -77.724 ± 1.208 $\chi^2/\text{NDF}: 293.8/23$

In: -79.715 ± 1.789 $\chi^2/\text{NDF}: 80.8/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -77.724 ± 1.208 $\chi^2/\text{NDF}: 293.8/23$

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -54.417 $\pm$ 1.025 χ^2 /NDF: 930.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -58.788 $\pm$ 1.034 χ^2 /NDF: 1049.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

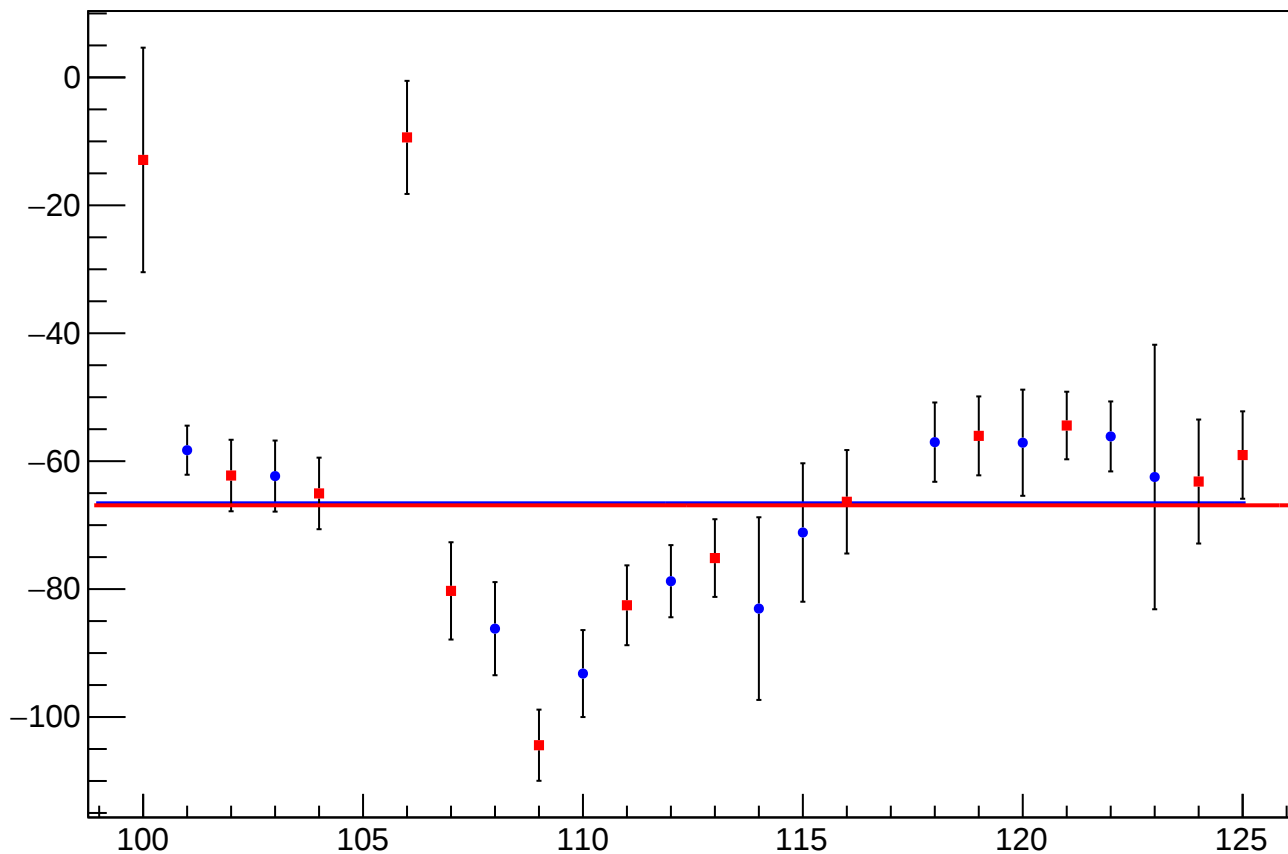
Right: -56.583 $\pm$ 0.728 χ^2 /NDF: 1988.6/23

In: -54.417 $\pm$ 1.025 χ^2 /NDF:930.3/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -56.583 $\pm$ 0.728 χ^2 /NDF: 1988.6/23

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -66.591 $\pm$ 1.954 χ^2 /NDF: 41.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -66.900 $\pm$ 1.851 χ^2 /NDF: 119.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

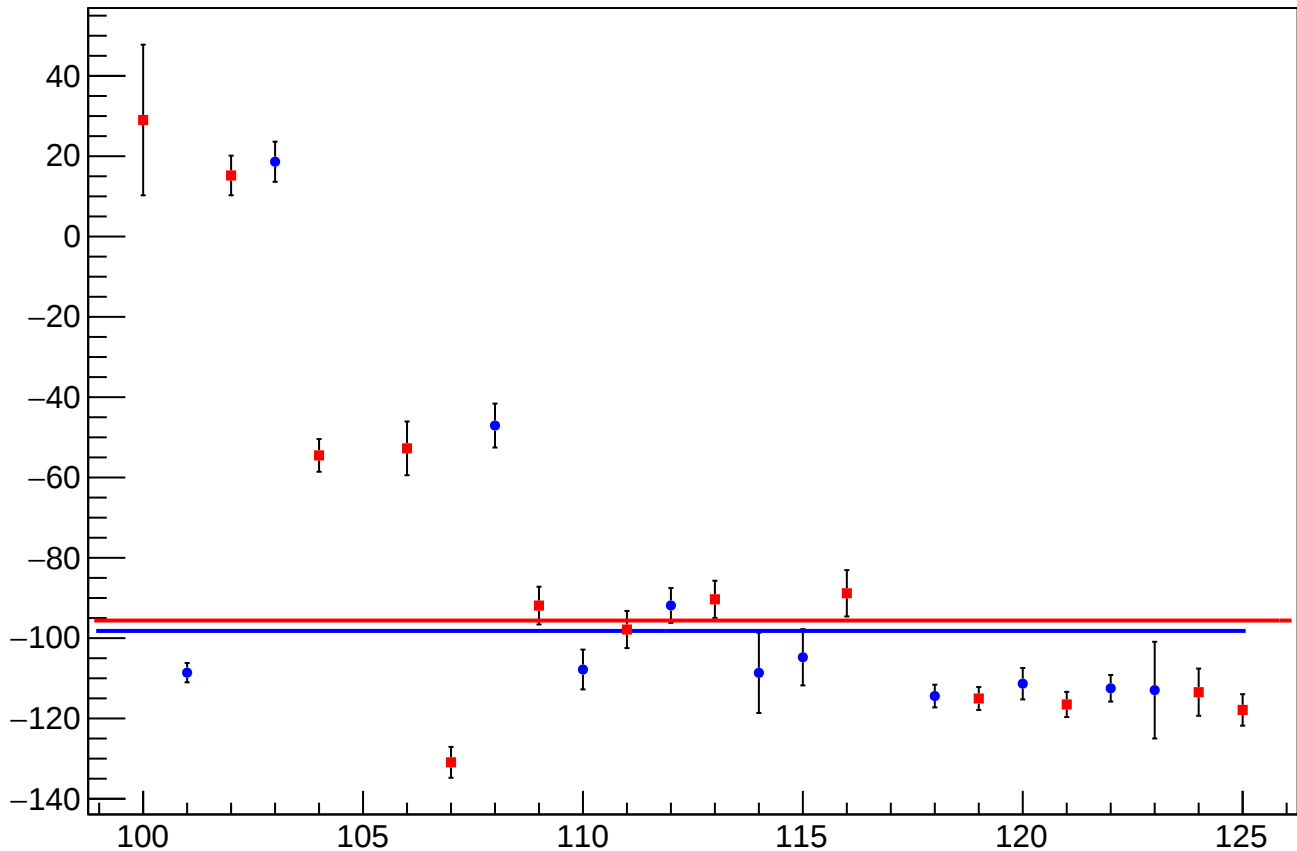
Right: -66.754 $\pm$ 1.344 χ^2 /NDF: 160.8/23

In: -66.591 $\pm$ 1.954 χ^2 /NDF:41.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -66.754 $\pm$ 1.344 χ^2 /NDF: 160.8/23

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -98.202 $\pm$ 1.230 χ^2 /NDF: 726.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -95.614 $\pm$ 1.211 χ^2 /NDF: 911.5/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

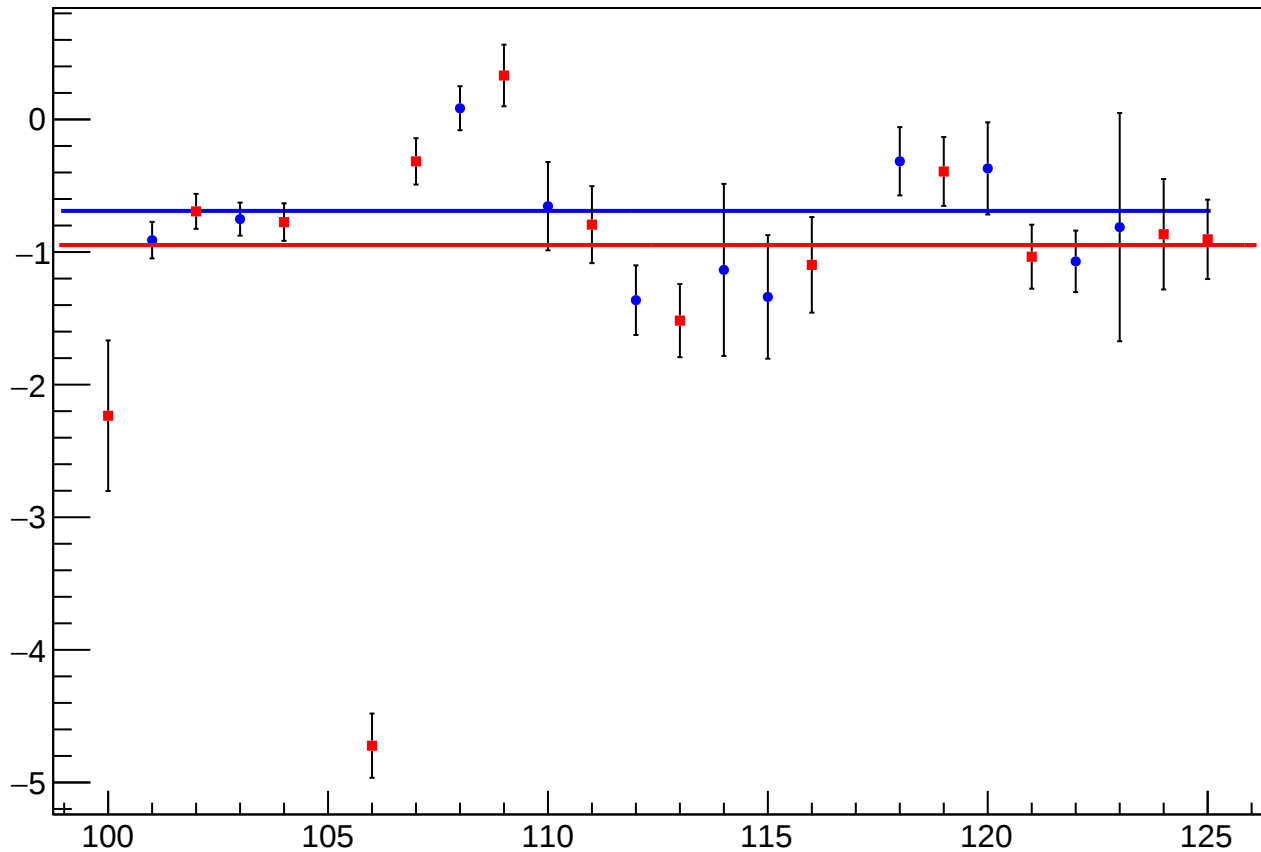
Right: -96.888 $\pm$ 0.863 χ^2 /NDF: 1639.8/23

In: -98.202 $\pm$ 1.230 χ^2 /NDF:726.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -96.888 $\pm$ 0.863 χ^2 /NDF: 1639.8/23

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.690 ± 0.066 χ^2/NDF : 39.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.947 ± 0.062 χ^2/NDF : 306.2/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

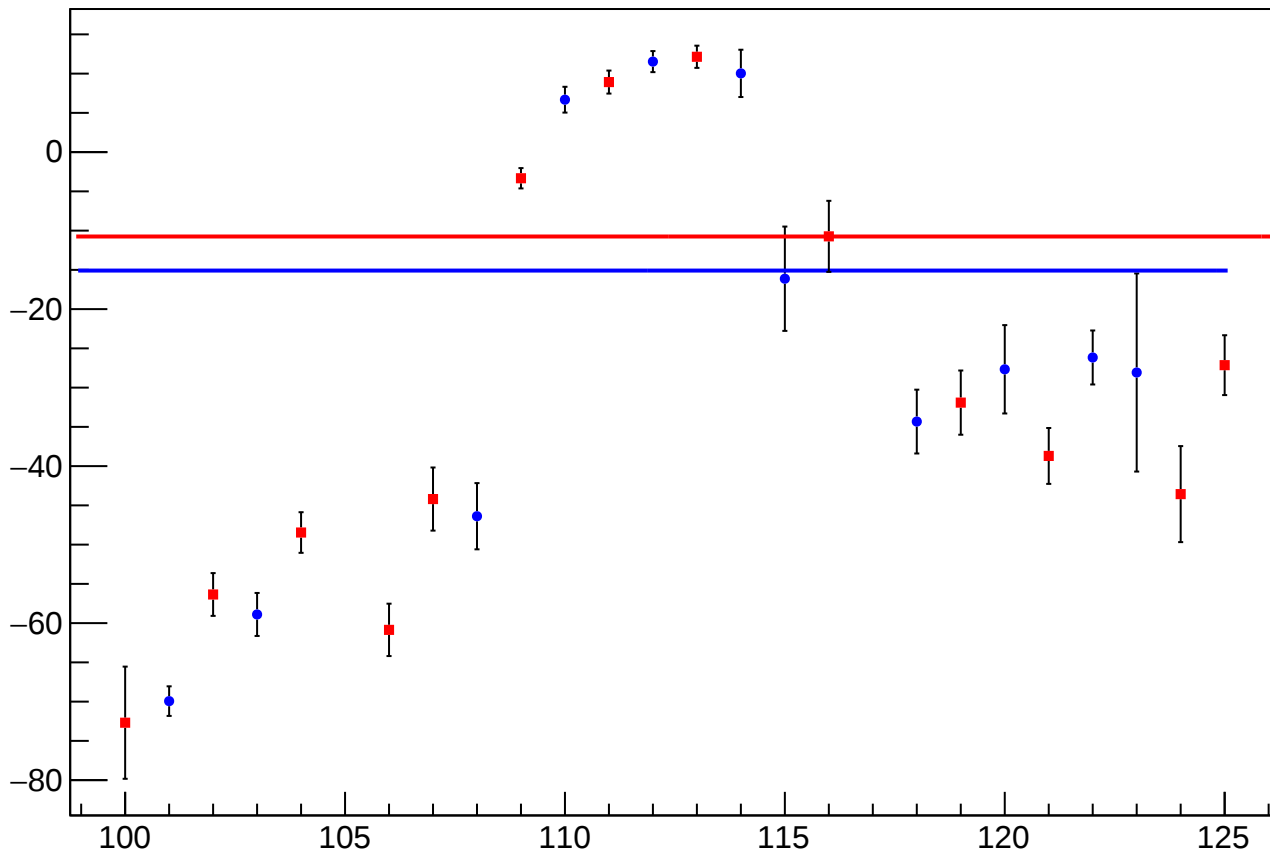
Right: -0.827 ± 0.045 χ^2/NDF : 353.4/23

In: -0.690 ± 0.066 χ^2/NDF : 39.2/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.827 ± 0.045 χ^2/NDF : 353.4/23

reg_asym_sam_48_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -15.089+/-0.764 χ^2/NDF : 1834.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.749+/-0.659 χ^2/NDF : 1473.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

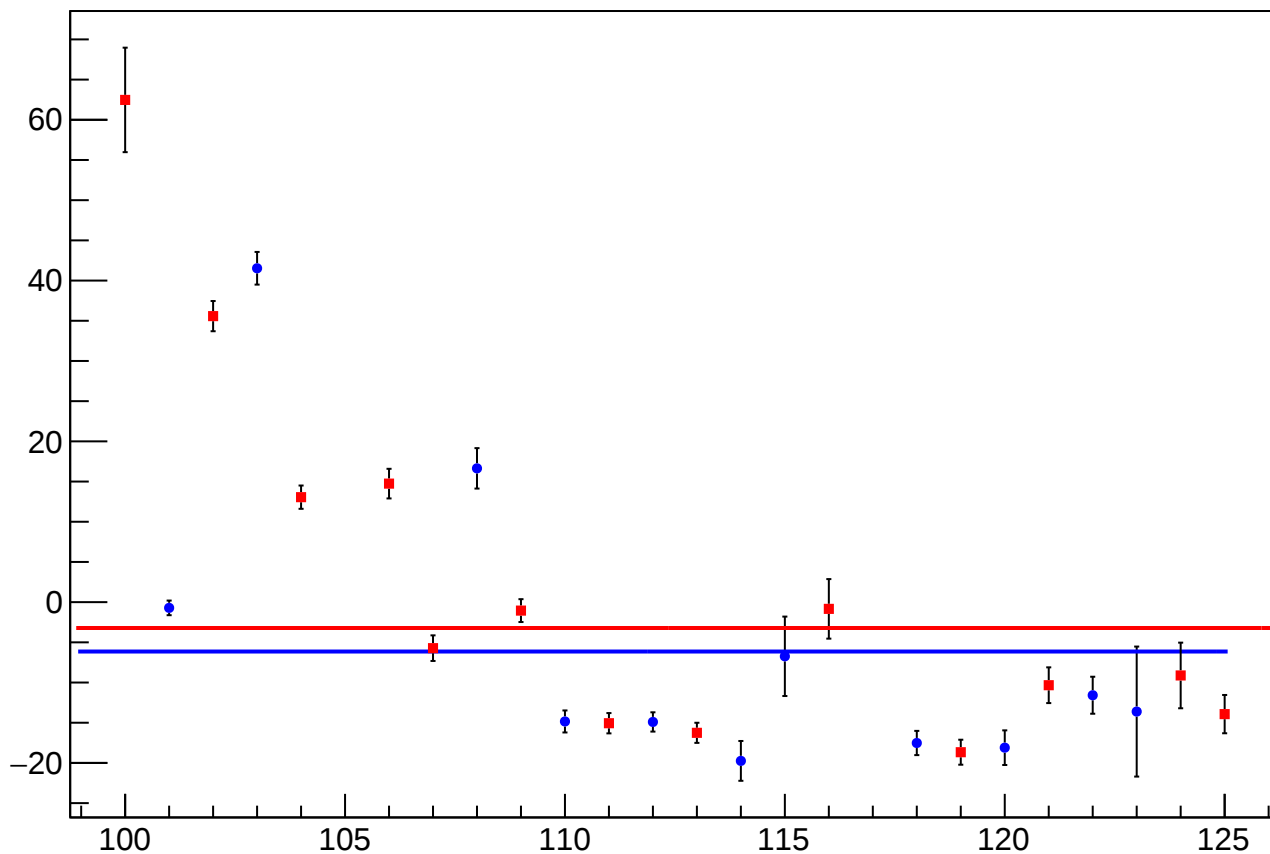
Right: -12.601+/-0.499 χ^2/NDF : 3326.4/23

In: -15.089+/-0.764 χ^2/NDF : 1834.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.601+/-0.499 χ^2/NDF : 3326.4/23

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.142 ± 0.506 χ^2/NDF : 886.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.216 ± 0.490 χ^2/NDF : 1082.8/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

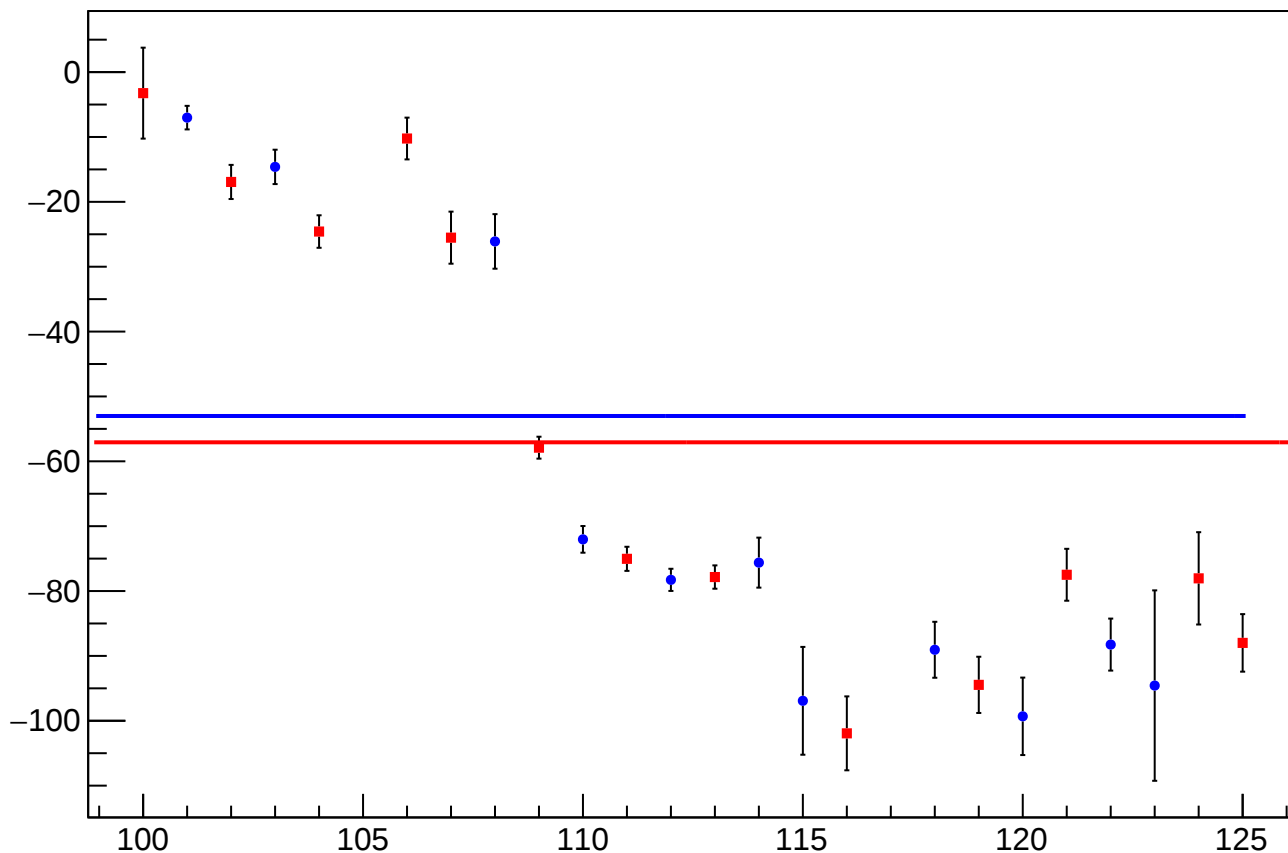
Right: -4.633 ± 0.352 χ^2/NDF : 1986.4/23

In: -6.142 ± 0.506 χ^2/NDF : 886.3/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.633 ± 0.352 χ^2/NDF : 1986.4/23

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -53.013 ± 0.873 χ^2/NDF : 1474.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -57.071 ± 0.779 χ^2/NDF : 1180.2/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

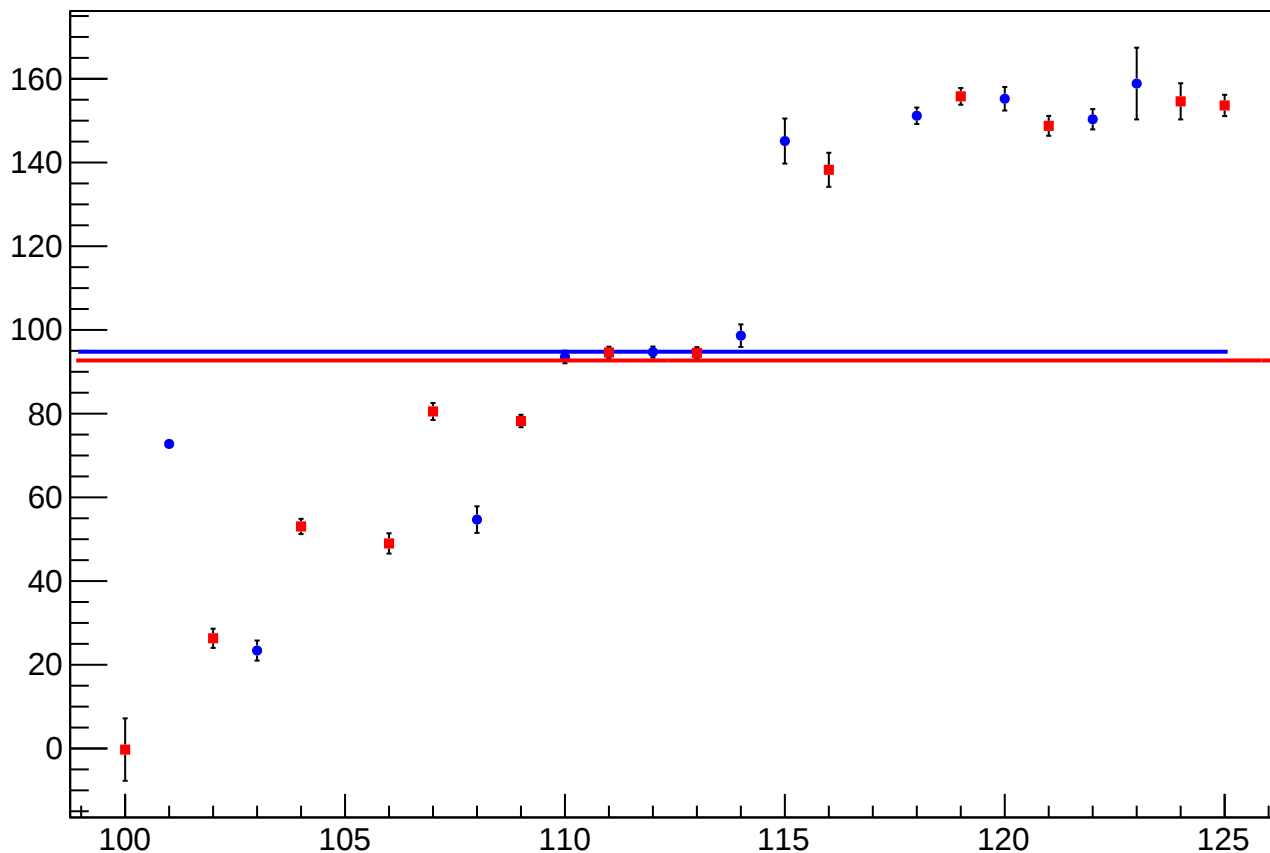
Right: -55.273 ± 0.581 χ^2/NDF : 2666.3/23

In: -53.013 ± 0.873 χ^2/NDF : 1474.1/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -55.273 ± 0.581 χ^2/NDF : 2666.3/23

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 94.798+/-0.592 χ^2 /NDF: 3393.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 92.705+/-0.565 χ^2 /NDF: 4378.6/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

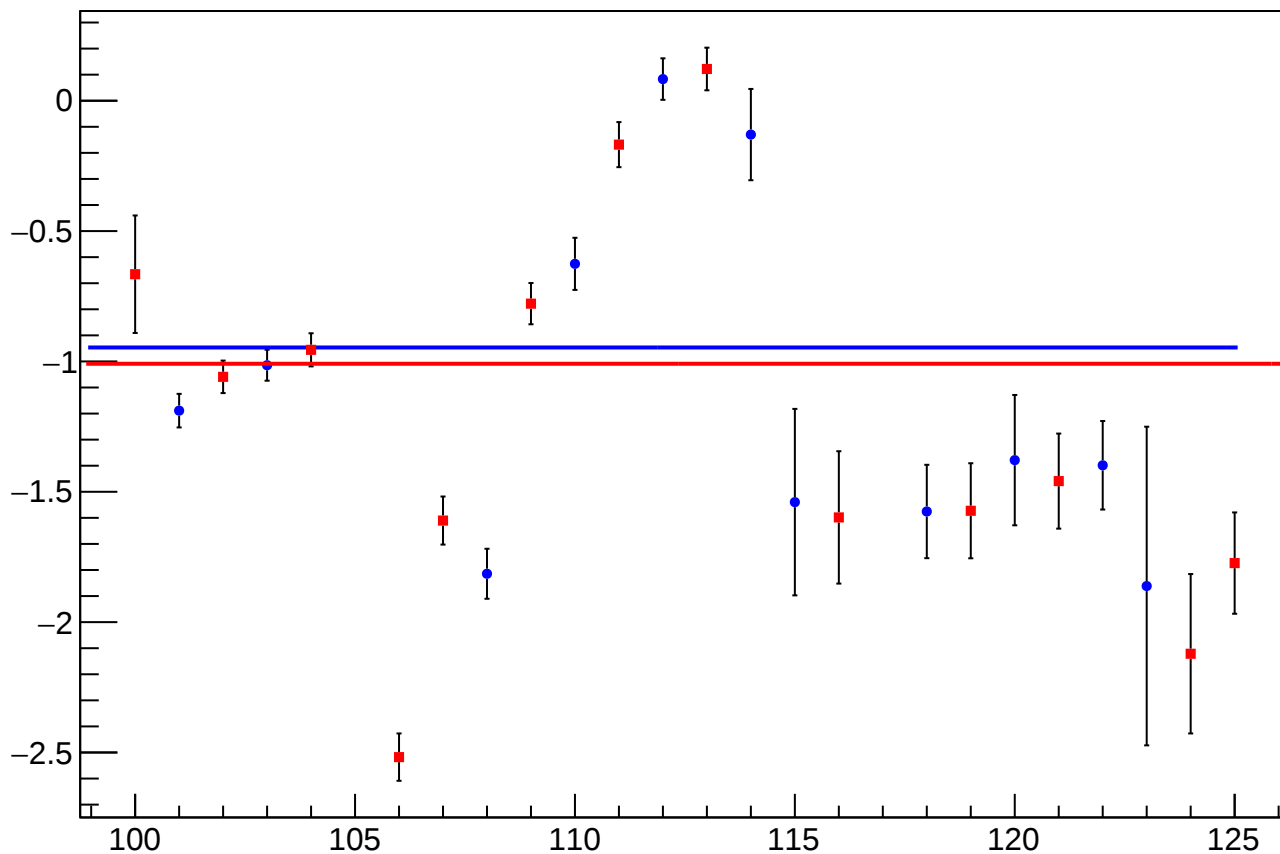
Right: 93.702+/-0.409 χ^2 /NDF: 7778.9/23

In: 94.798+/-0.592 χ^2 /NDF:3393.8/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 93.702+/-0.409 χ^2 /NDF: 7778.9/23

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.946+/-0.031 χ^2/NDF : 324.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.009+/-0.028 χ^2/NDF : 666.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

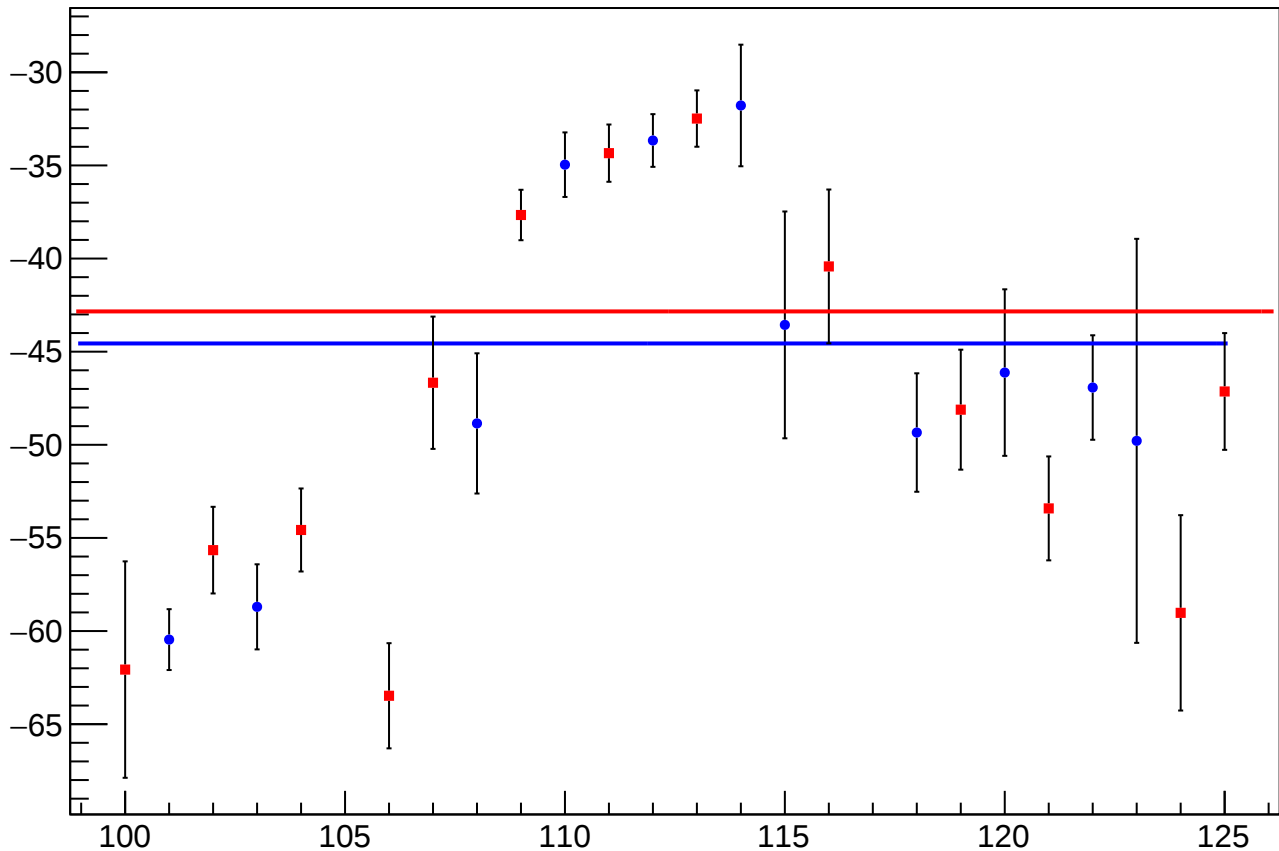
Right: -0.982+/-0.021 χ^2/NDF : 992.8/23

In: -0.946+/-0.031 χ^2/NDF :324.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.982+/-0.021 χ^2/NDF : 992.8/23

reg_asym_sam_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -44.559+/-0.730 χ^2/NDF : 243.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -42.839+/-0.639 χ^2/NDF : 244.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

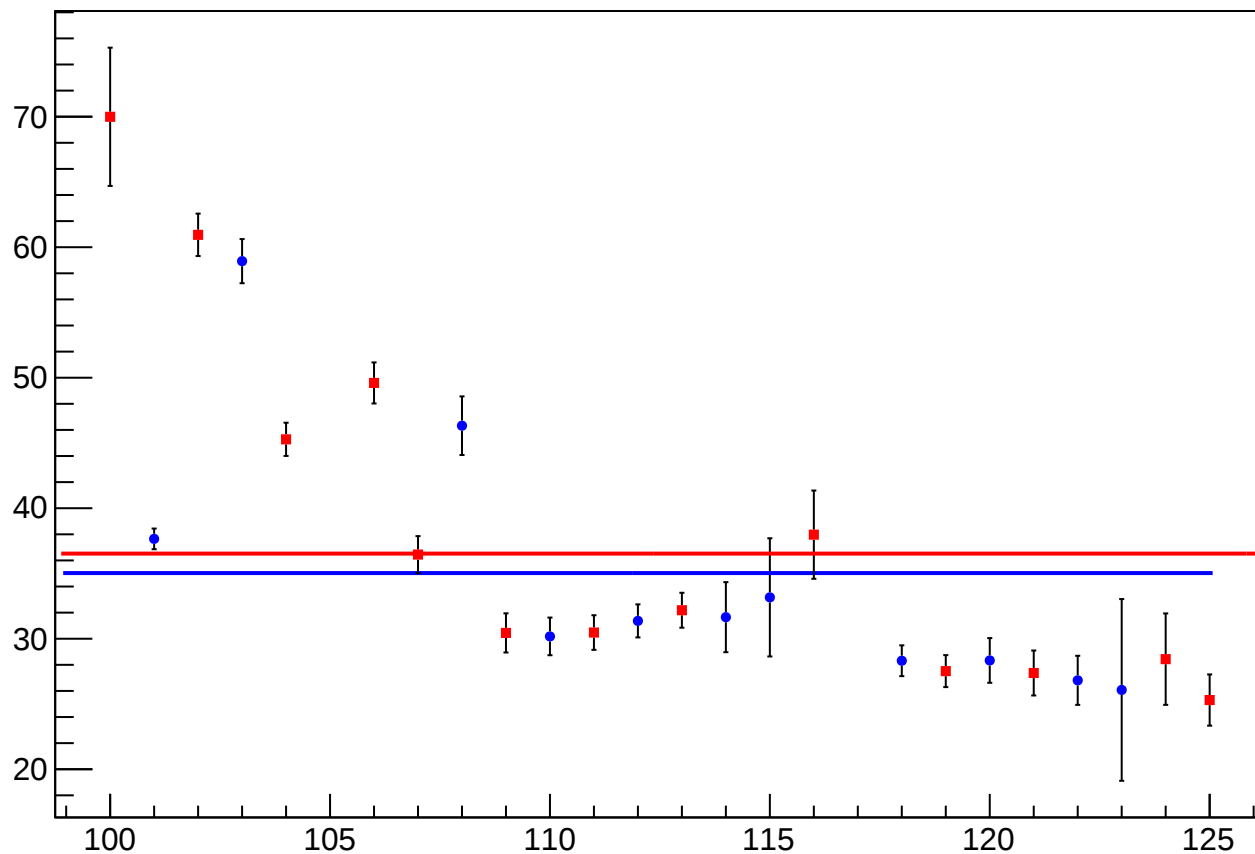
Right: -43.585+/-0.481 χ^2/NDF : 490.6/23

In: -44.559+/-0.730 χ^2/NDF : 243.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.585+/-0.481 χ^2/NDF : 490.6/23

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 35.031+/-0.456 χ^2/NDF : 326.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.523+/-0.450 χ^2/NDF : 550.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

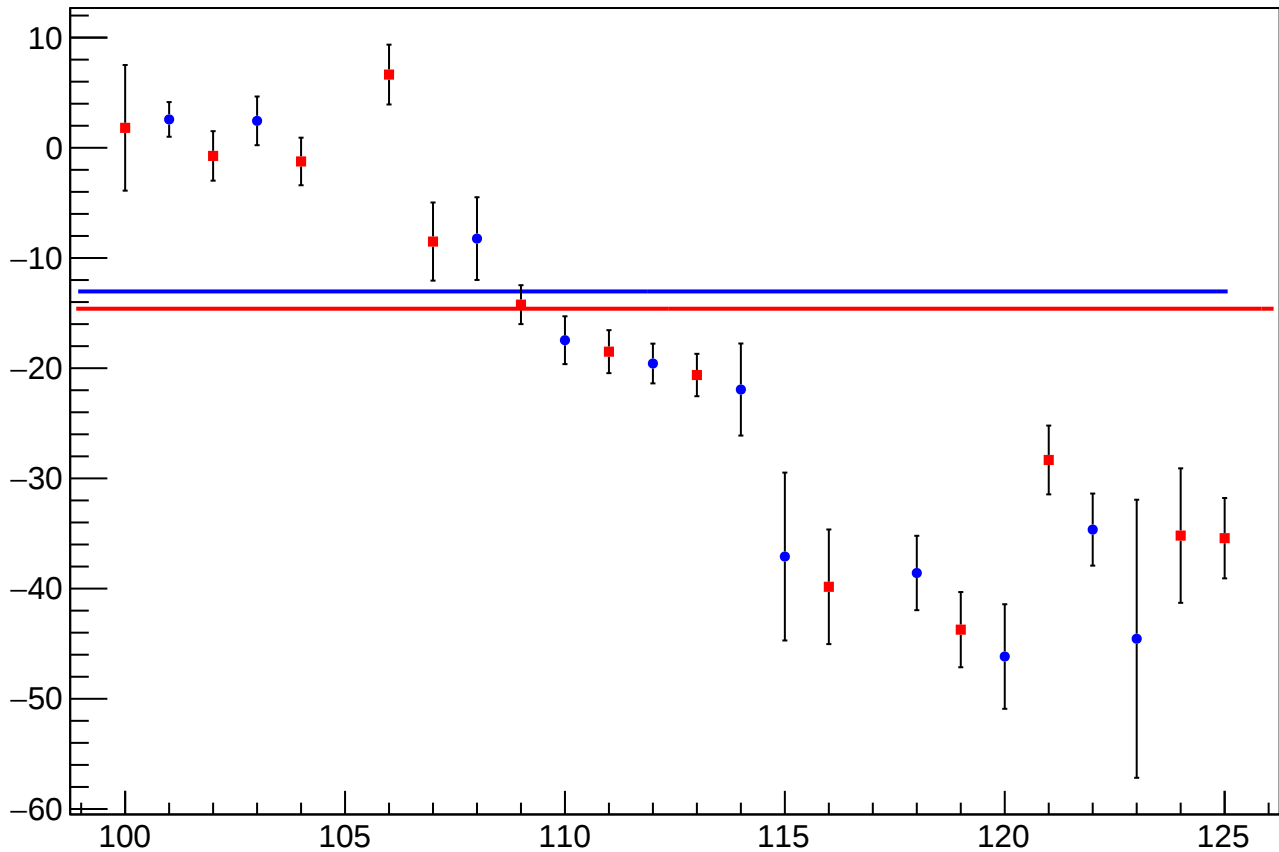
Right: 35.788+/-0.320 χ^2/NDF : 882.2/23

In: 35.031+/-0.456 χ^2/NDF : 326.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.788+/-0.320 χ^2/NDF : 882.2/23

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -13.035+/-0.815 χ^2/NDF : 336.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.602+/-0.737 χ^2/NDF : 322.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

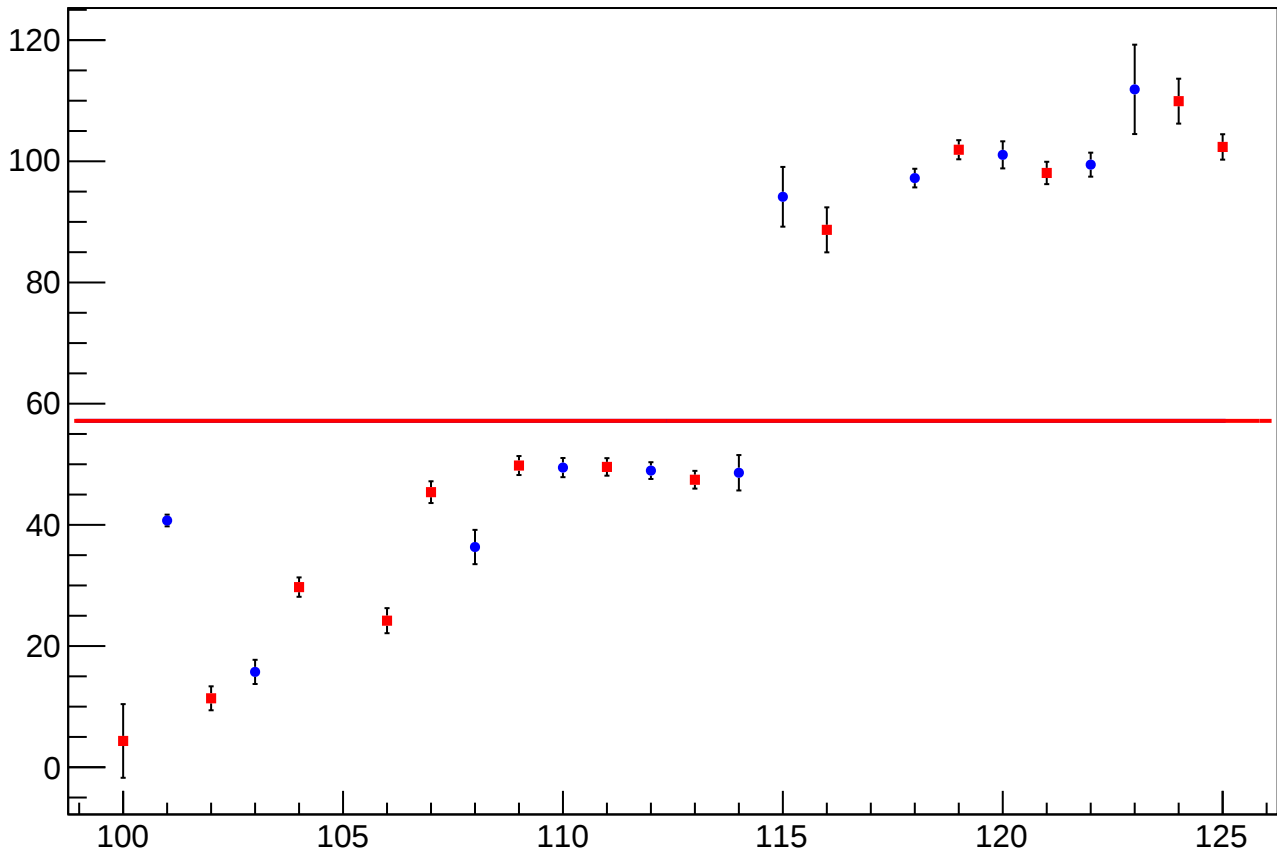
Right: -13.897+/-0.547 χ^2/NDF : 661.5/23

In: -13.035+/-0.815 χ^2/NDF : 336.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.897+/-0.547 χ^2/NDF : 661.5/23

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 57.162+/-0.540 χ^2/NDF : 2473.7/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 57.162+/-0.524 χ^2/NDF : 3333.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

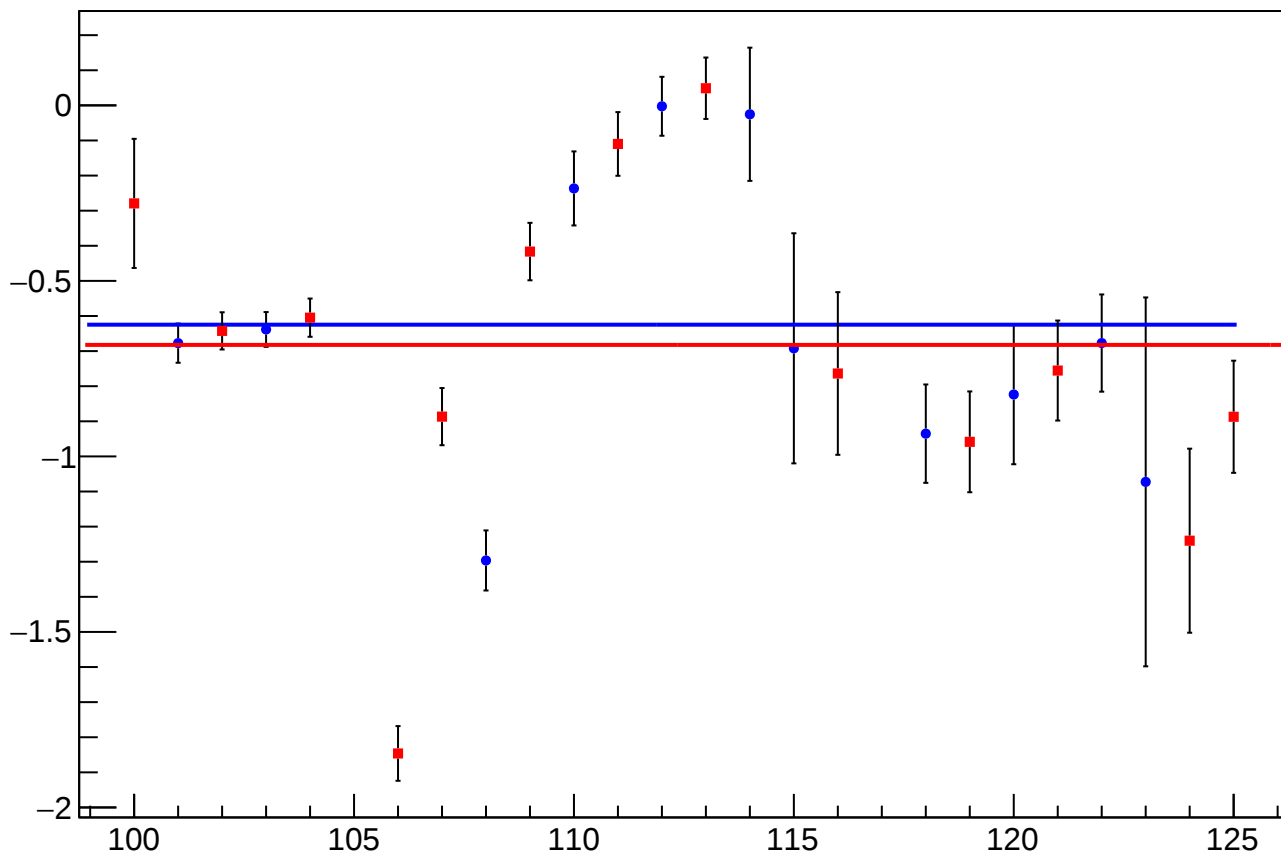
Right: 57.162+/-0.376 χ^2/NDF : 5806.7/23

In: 57.162+/-0.540 χ^2/NDF :2473.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 57.162+/-0.376 χ^2/NDF : 5806.7/23

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.625+/-0.028 χ^2/NDF : 147.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.682+/-0.025 χ^2/NDF : 367.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

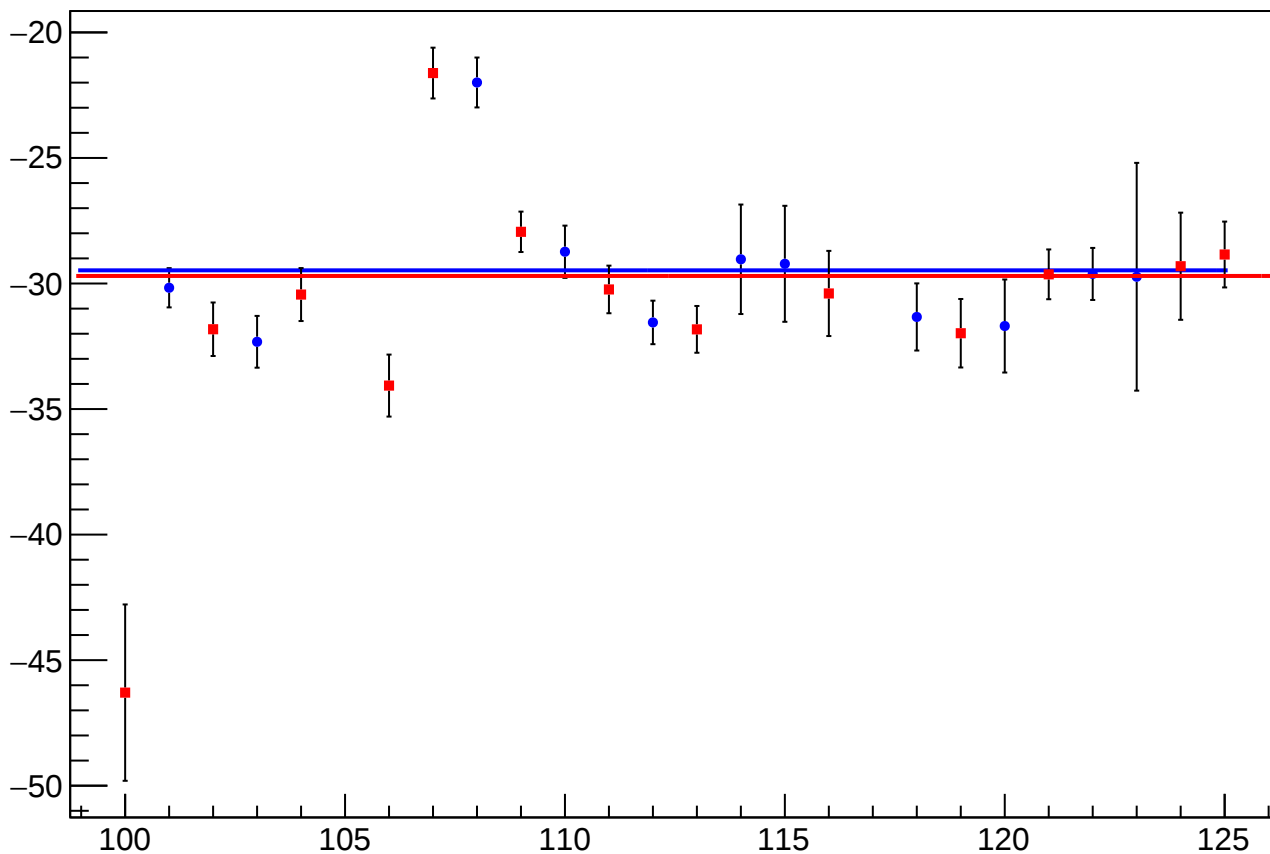
Right: -0.657+/-0.019 χ^2/NDF : 517.5/23

In: -0.625+/-0.028 χ^2/NDF :147.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.657+/-0.019 χ^2/NDF : 517.5/23

reg_asym_sam_13_57_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -29.476 ± 0.352 χ^2/NDF : 74.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -29.699 ± 0.316 χ^2/NDF : 116.9/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

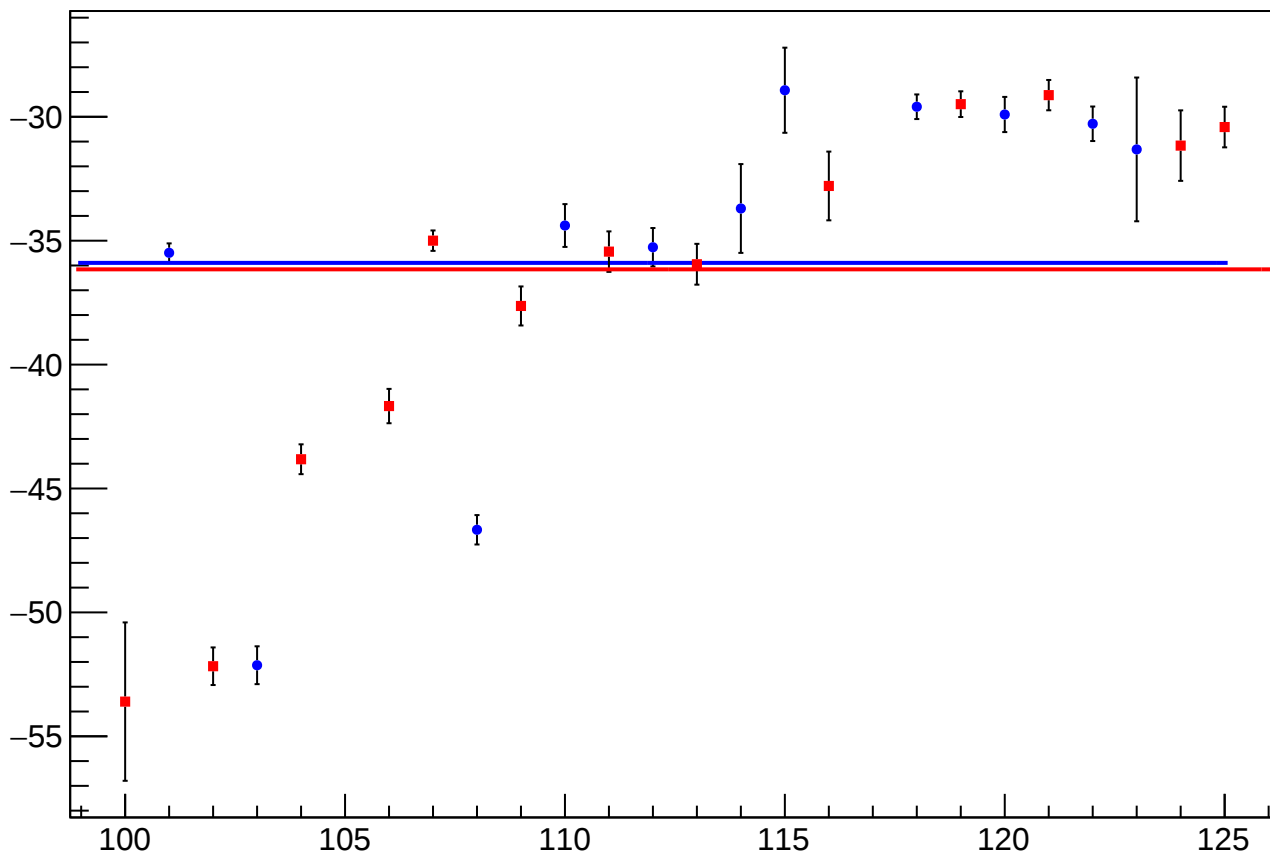
Right: -29.600 ± 0.235 χ^2/NDF : 191.9/23

In: -29.476 ± 0.352 χ^2/NDF : 74.8/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -29.600 ± 0.235 χ^2/NDF : 191.9/23

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -35.895 ± 0.207 χ^2/NDF : 1103.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -36.156 ± 0.196 χ^2/NDF : 1077.6/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

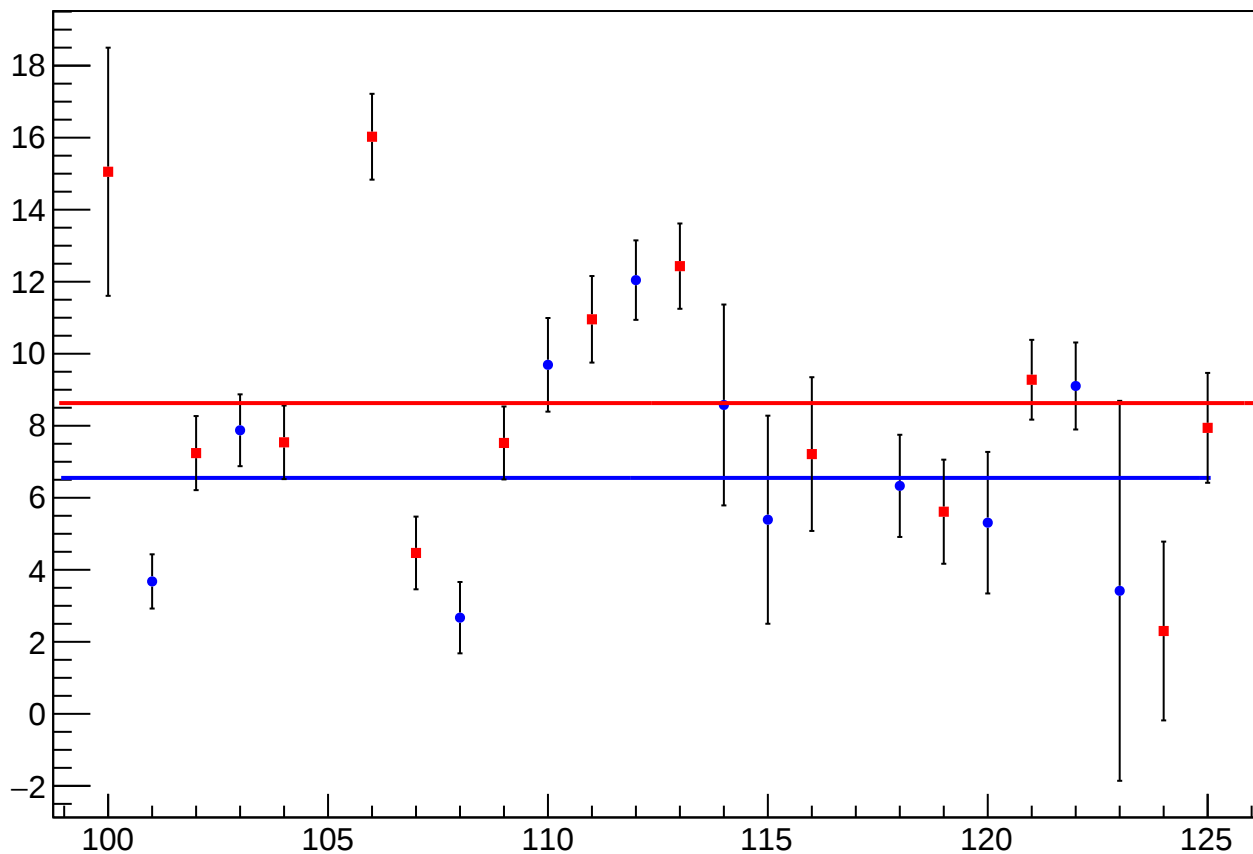
Right: -36.033 ± 0.142 χ^2/NDF : 2182.2/23

In: -35.895 ± 0.207 χ^2/NDF : 1103.8/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.033 ± 0.142 χ^2/NDF : 2182.2/23

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.552+/-0.380 χ^2/NDF : 68.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.629+/-0.350 χ^2/NDF : 89.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

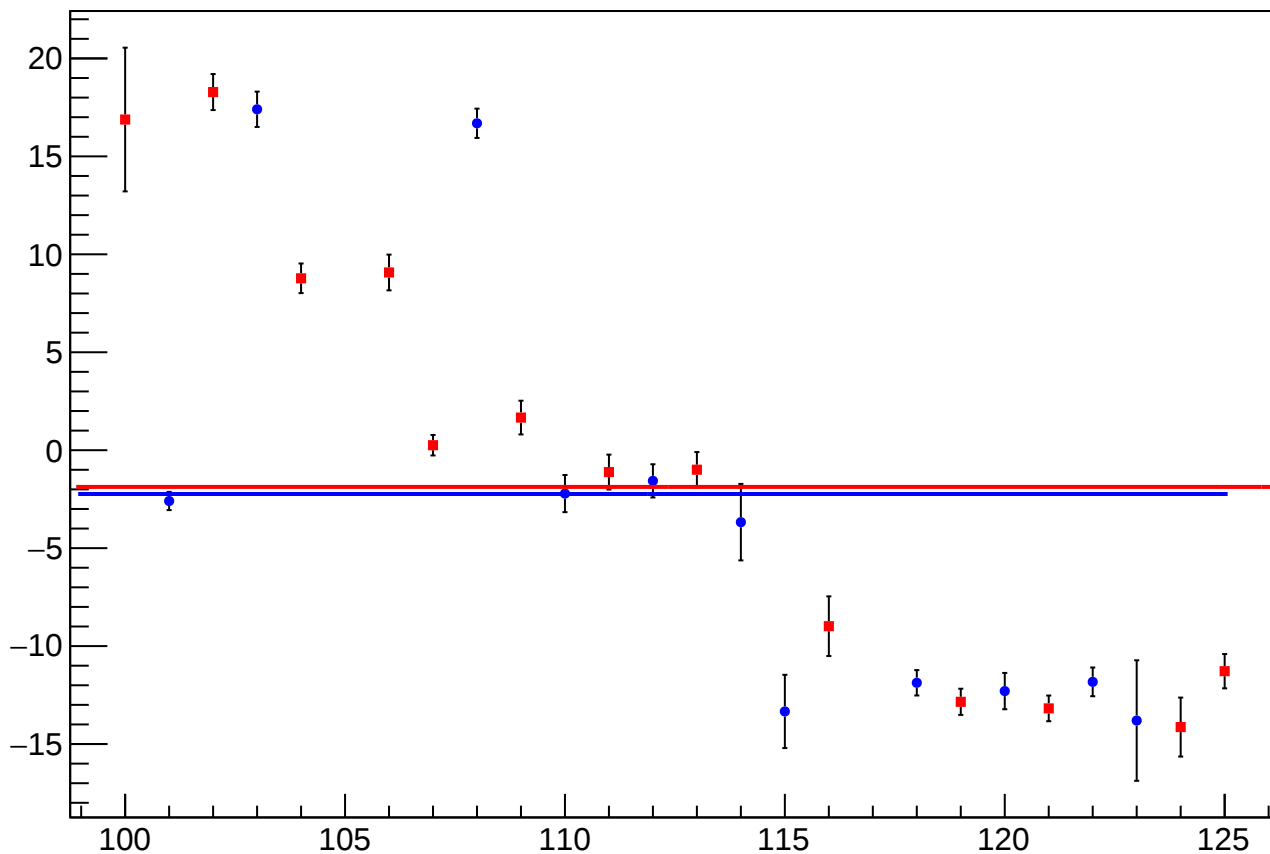
Right: 7.675+/-0.257 χ^2/NDF : 173.4/23

In: 6.552+/-0.380 χ^2/NDF : 68.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.675+/-0.257 χ^2/NDF : 173.4/23

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.235+/-0.248 χ^2 /NDF: 1676.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1.874+/-0.233 χ^2 /NDF: 1654.2/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

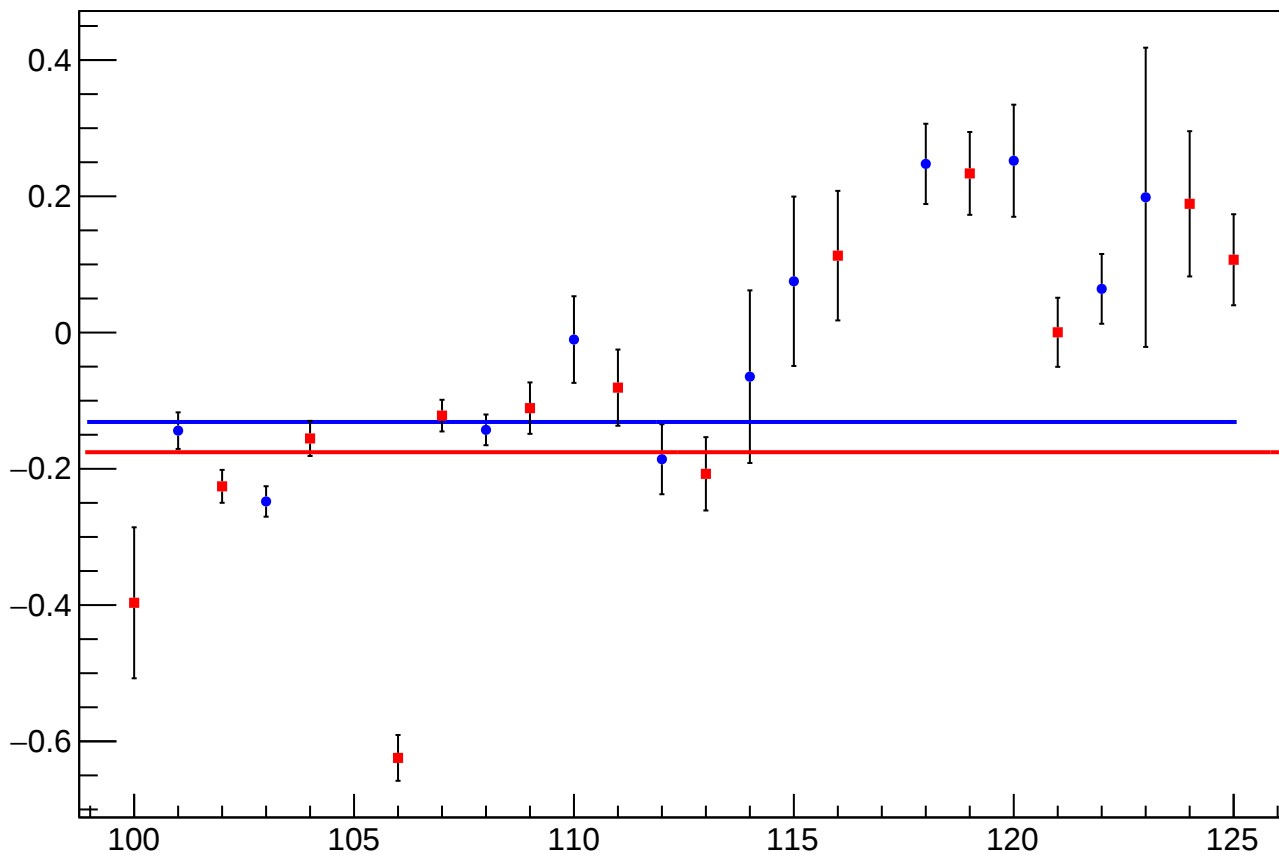
Right: -2.043+/-0.170 χ^2 /NDF: 3332.1/23

In: -2.235+/-0.248 χ^2 /NDF:1676.8/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.043+/-0.170 χ^2 /NDF: 3332.1/23

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.131+/-0.012 χ^2/NDF : 115.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.176+/-0.011 χ^2/NDF : 294.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

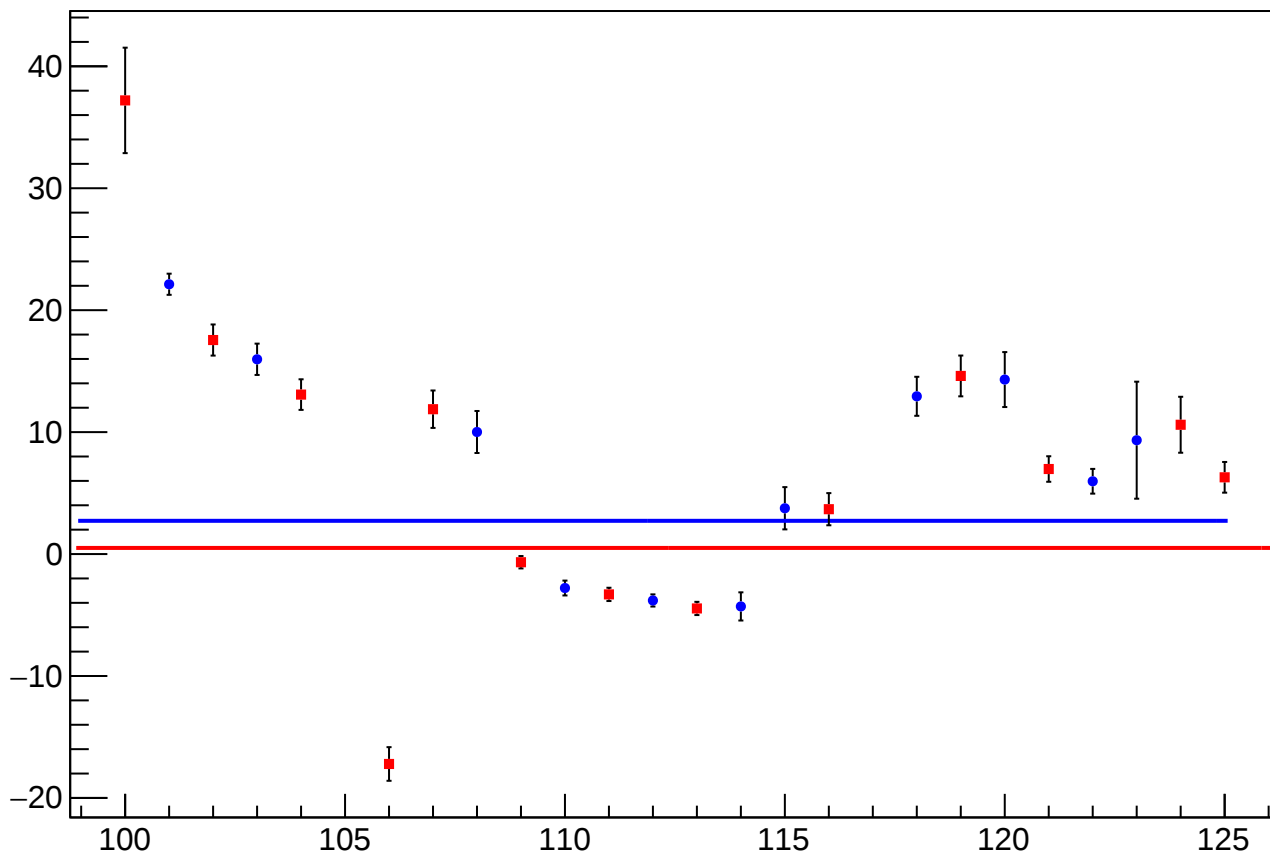
Right: -0.156+/-0.008 χ^2/NDF : 417.6/23

In: -0.131+/-0.012 χ^2/NDF :115.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.156+/-0.008 χ^2/NDF : 417.6/23

reg_asym_sam_15_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 2.726+/-0.293 χ^2/NDF : 994.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.503+/-0.253 χ^2/NDF : 864.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

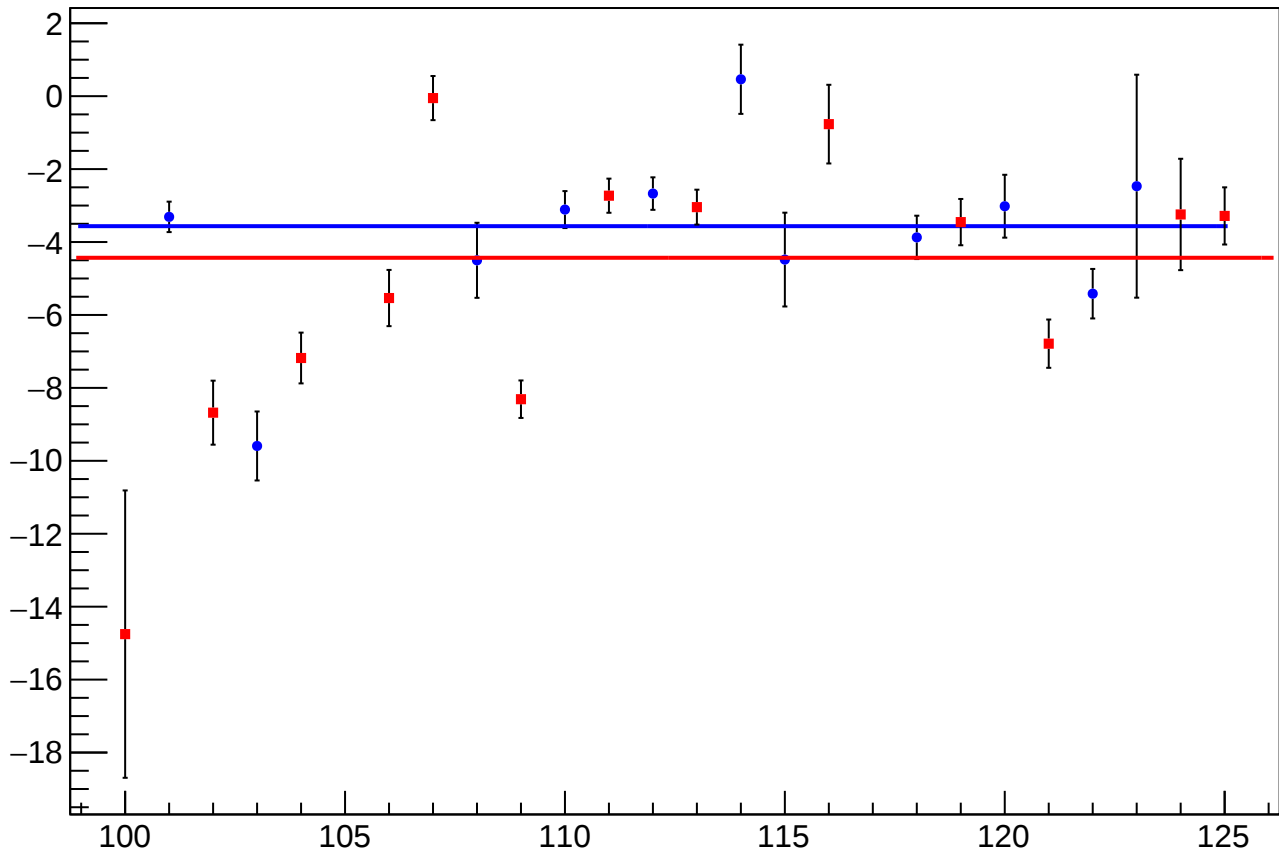
Right: 1.455+/-0.192 χ^2/NDF : 1892.3/23

In: 2.726+/-0.293 χ^2/NDF : 994.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.455+/-0.192 χ^2/NDF : 1892.3/23

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.565 ± 0.200 χ^2/NDF : 73.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.432 ± 0.188 χ^2/NDF : 208.2/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

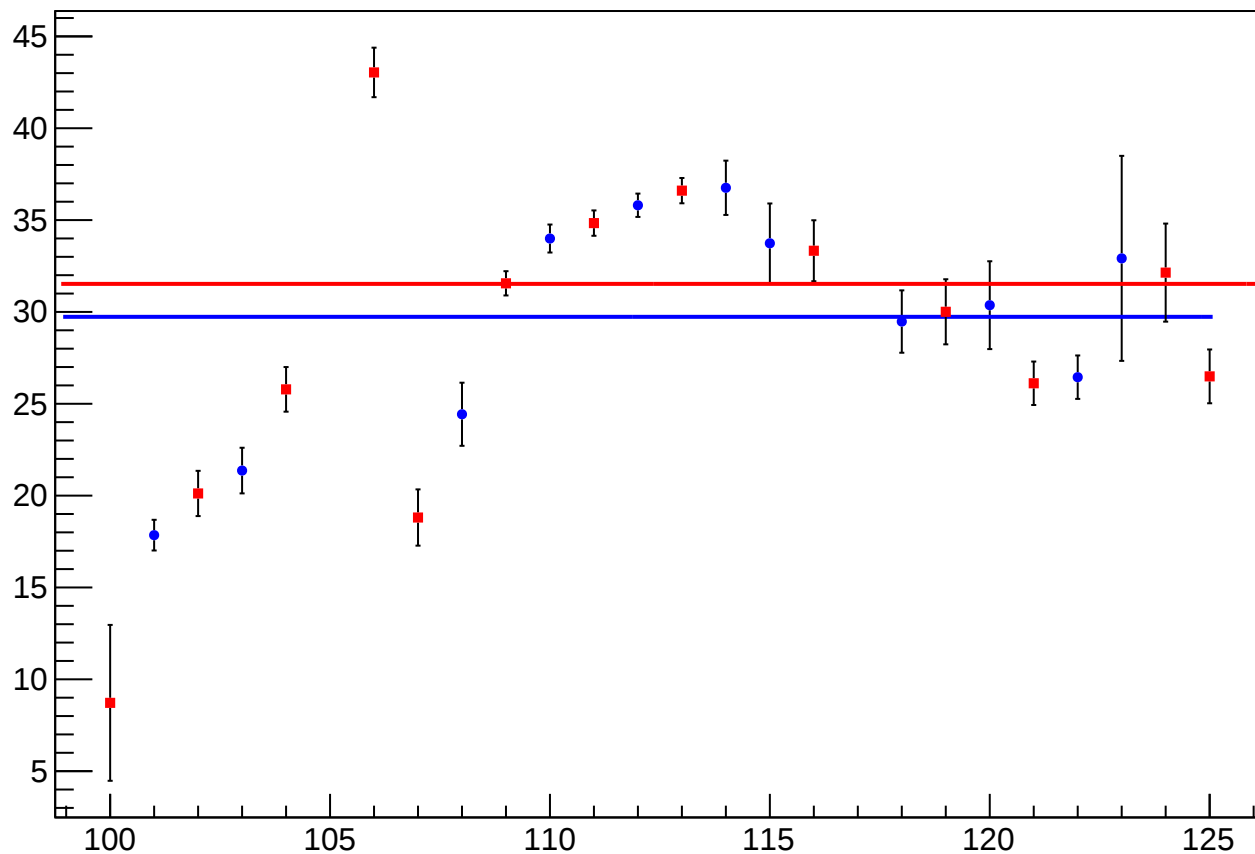
Right: -4.026 ± 0.137 χ^2/NDF : 291.6/23

In: -3.565 ± 0.200 χ^2/NDF : 73.4/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.026 ± 0.137 χ^2/NDF : 291.6/23

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.733+/-0.342 χ^2/NDF : 414.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.527+/-0.303 χ^2/NDF : 391.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

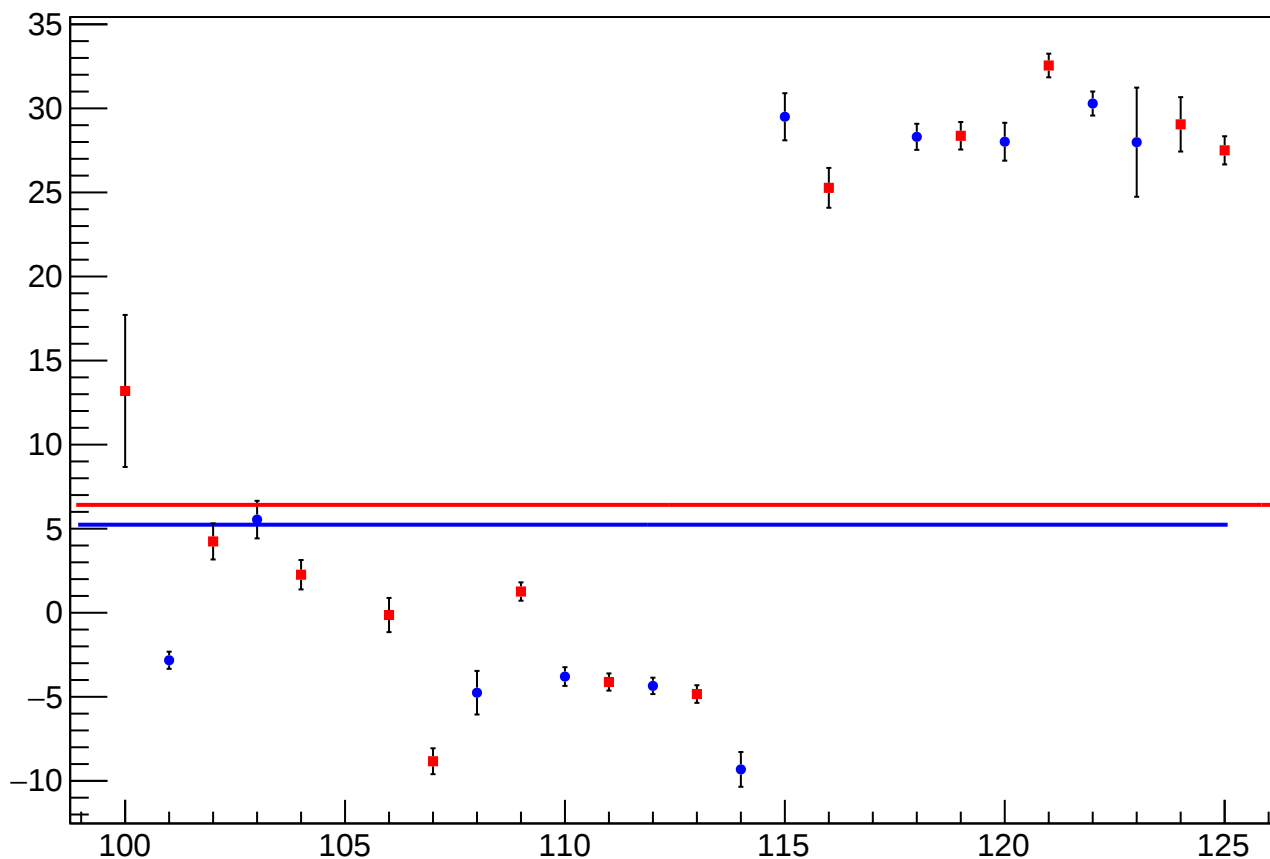
Right: 30.737+/-0.227 χ^2/NDF : 820.7/23

In: 29.733+/-0.342 χ^2/NDF : 414.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.737+/-0.227 χ^2/NDF : 820.7/23

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.237+/-0.232 χ^2/NDF : 4026.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.417+/-0.215 χ^2/NDF : 4618.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

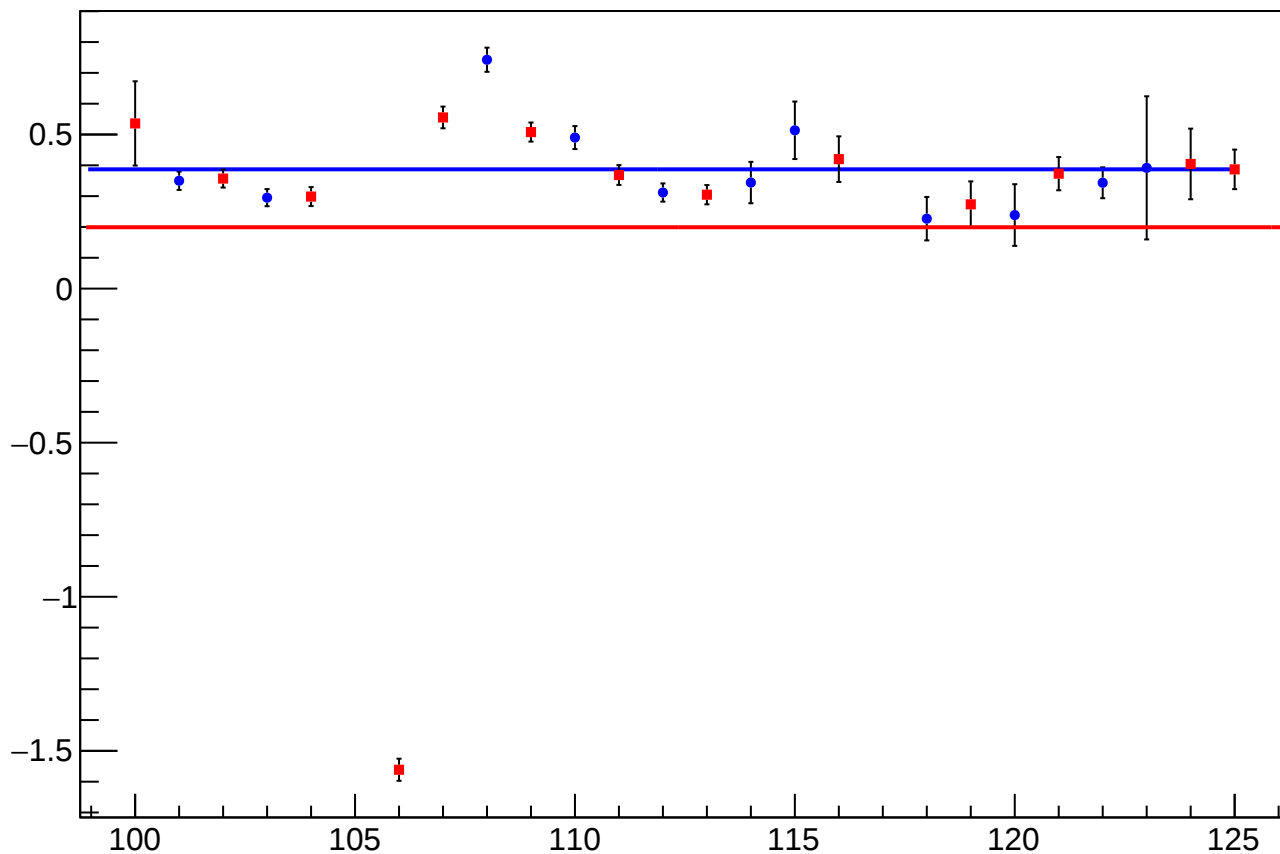
Right: 5.873+/-0.157 χ^2/NDF : 8658.6/23

In: 5.237+/-0.232 χ^2/NDF : 4026.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.873+/-0.157 χ^2/NDF : 8658.6/23

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.387+/-0.013 χ^2/NDF : 119.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.199+/-0.011 χ^2/NDF : 2725.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

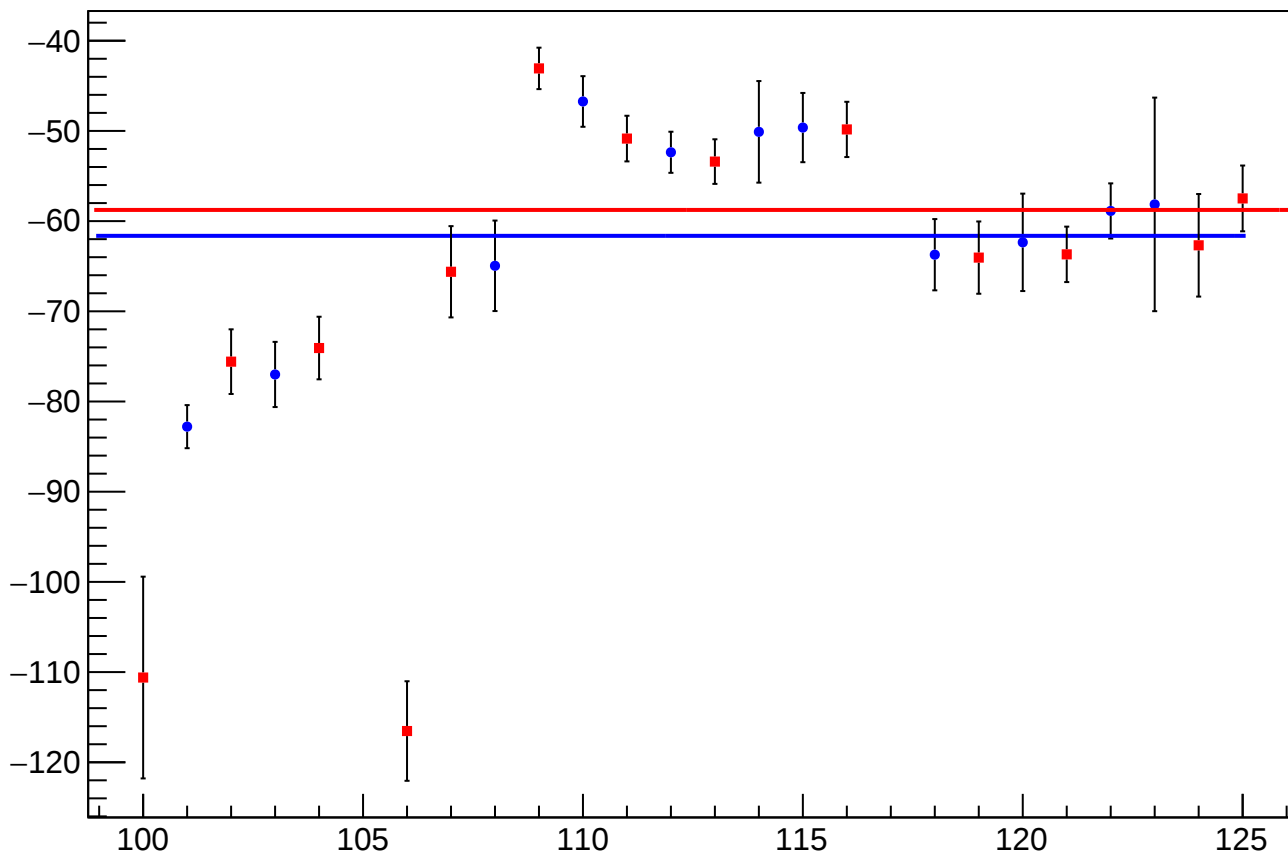
Right: 0.280+/-0.008 χ^2/NDF : 2964.8/23

In: 0.387+/-0.013 χ^2/NDF : 119.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.280+/-0.008 χ^2/NDF : 2964.8/23

reg_asym_sam_24_68_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -61.632 $\pm$ 1.041 χ^2 /NDF: 156.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -58.760 $\pm$ 0.940 χ^2 /NDF: 248.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

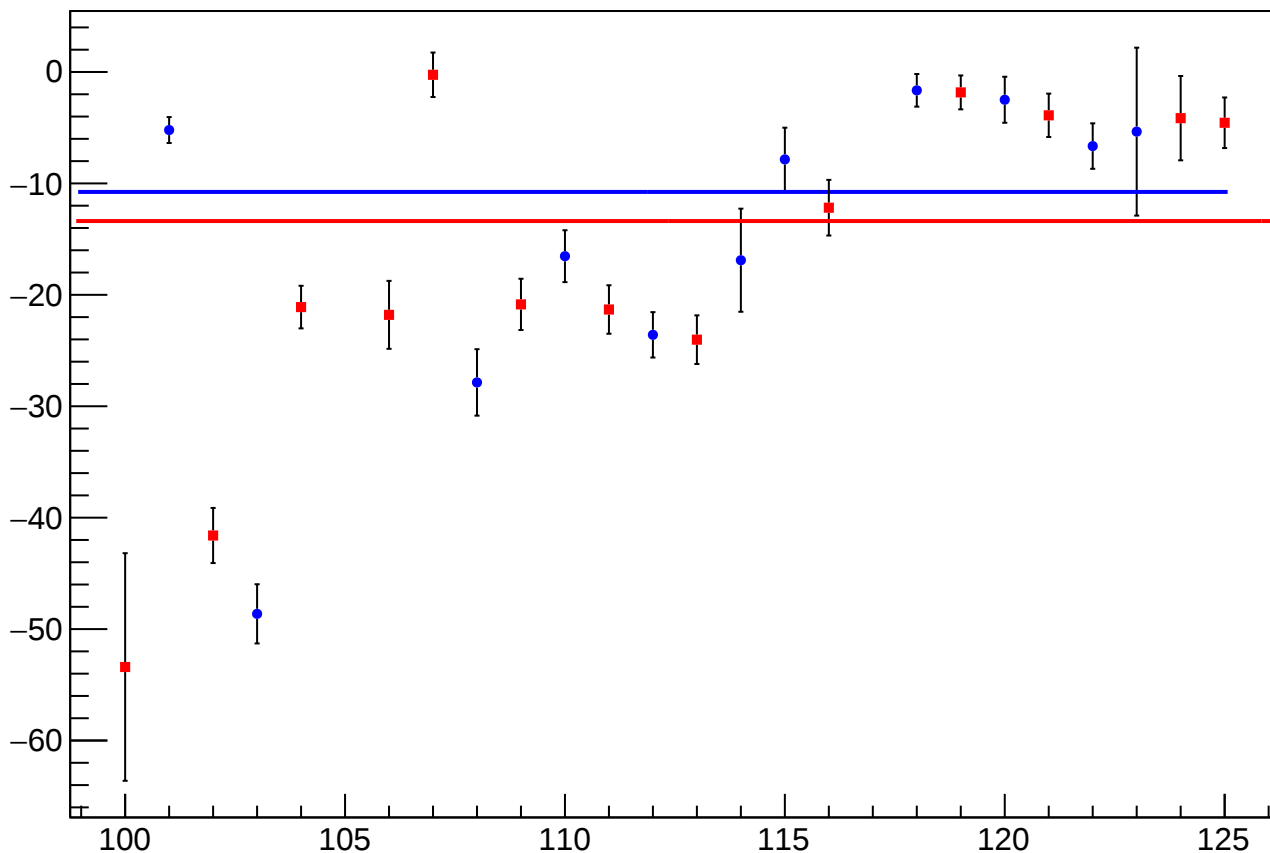
Right: -60.051 $\pm$ 0.698 χ^2 /NDF: 410.0/23

In: -61.632 $\pm$ 1.041 χ^2 /NDF:156.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -60.051 $\pm$ 0.698 χ^2 /NDF: 410.0/23

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -10.764 $\pm$ 0.627 χ^2 /NDF: 366.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.378 $\pm$ 0.628 χ^2 /NDF: 363.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

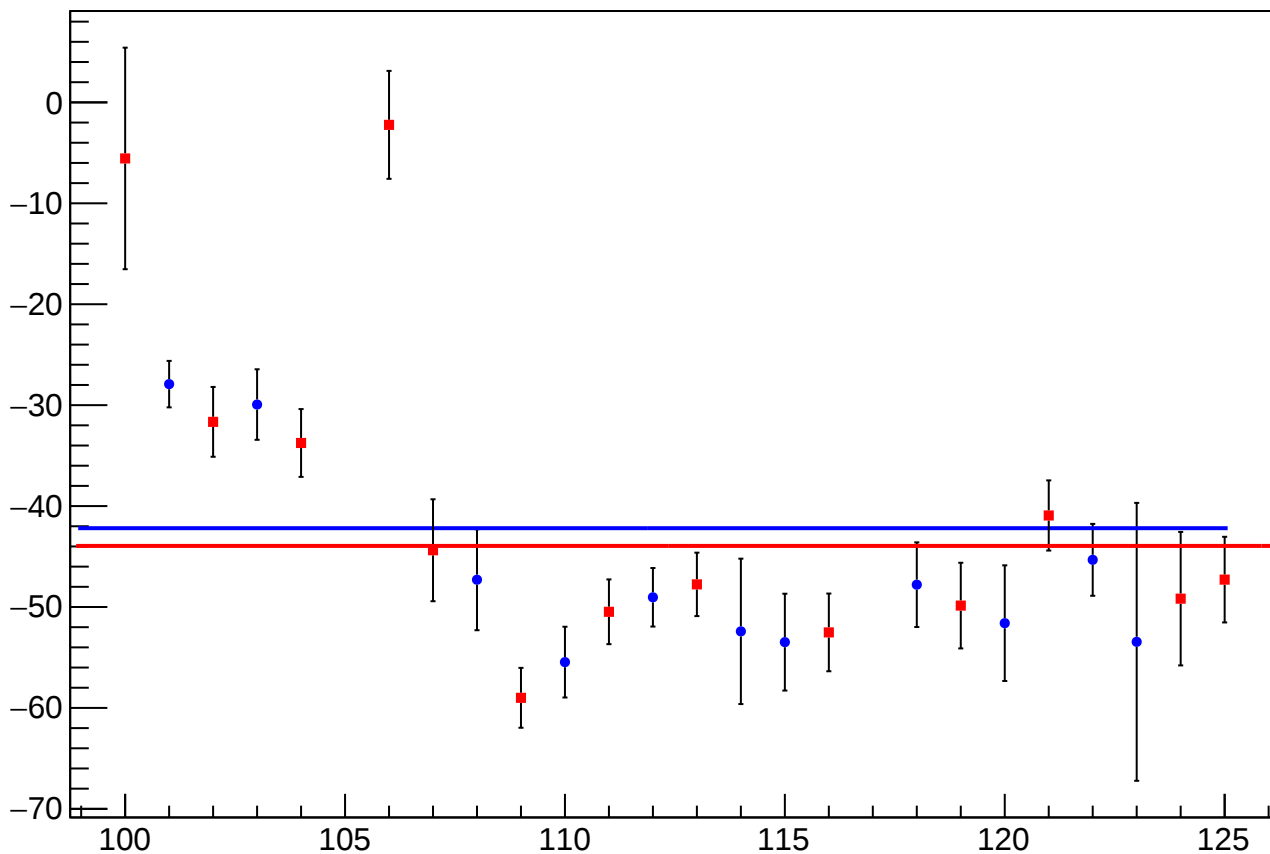
Right: -12.069 $\pm$ 0.444 χ^2 /NDF: 738.4/23

In: -10.764 $\pm$ 0.627 χ^2 /NDF:366.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -12.069 $\pm$ 0.444 χ^2 /NDF: 738.4/23

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -42.191+/-1.159 χ^2/NDF : 85.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -43.948+/-1.084 χ^2/NDF : 135.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

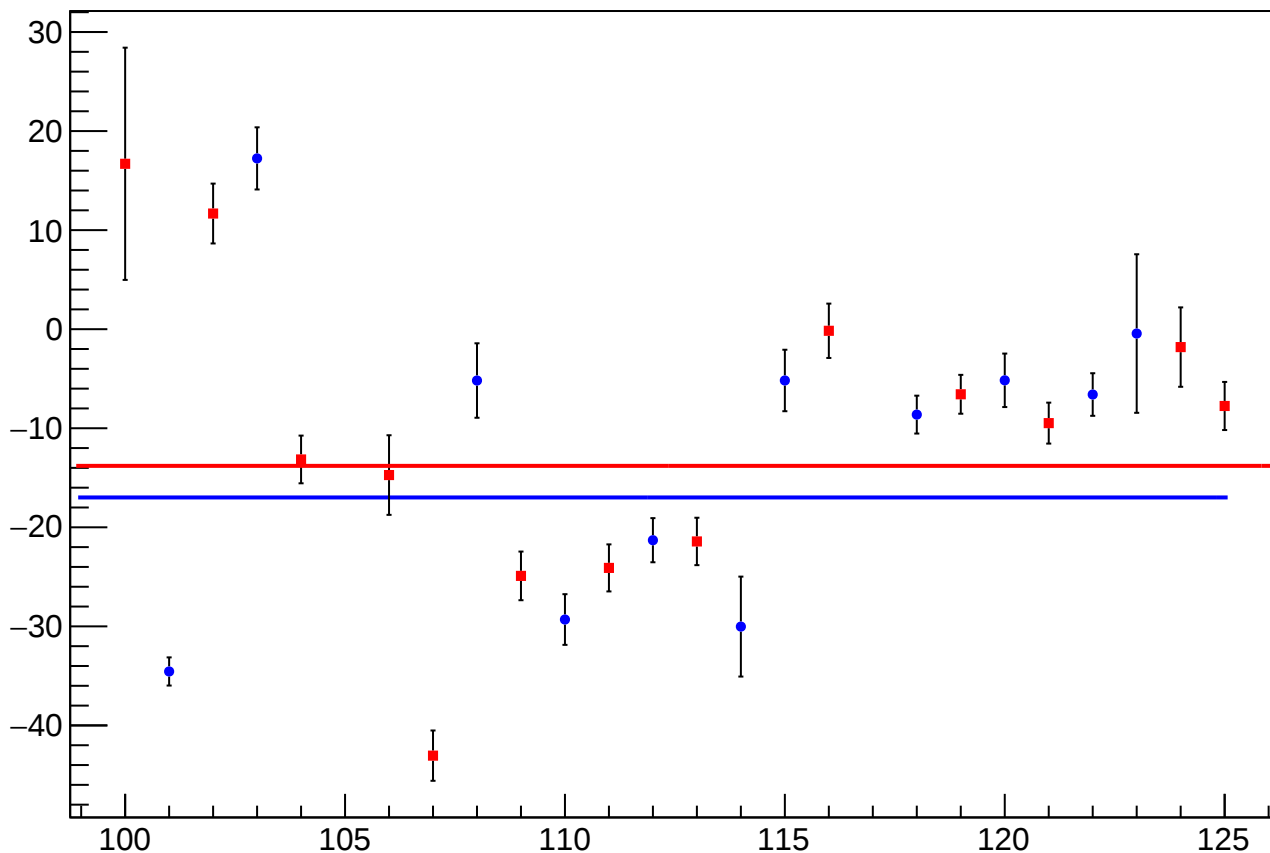
Right: -43.128+/-0.792 χ^2/NDF : 221.6/23

In: -42.191+/-1.159 χ^2/NDF : 85.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.128+/-0.792 χ^2/NDF : 221.6/23

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.986 ± 0.744 χ^2/NDF : 395.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -13.797 ± 0.729 χ^2/NDF : 318.0/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

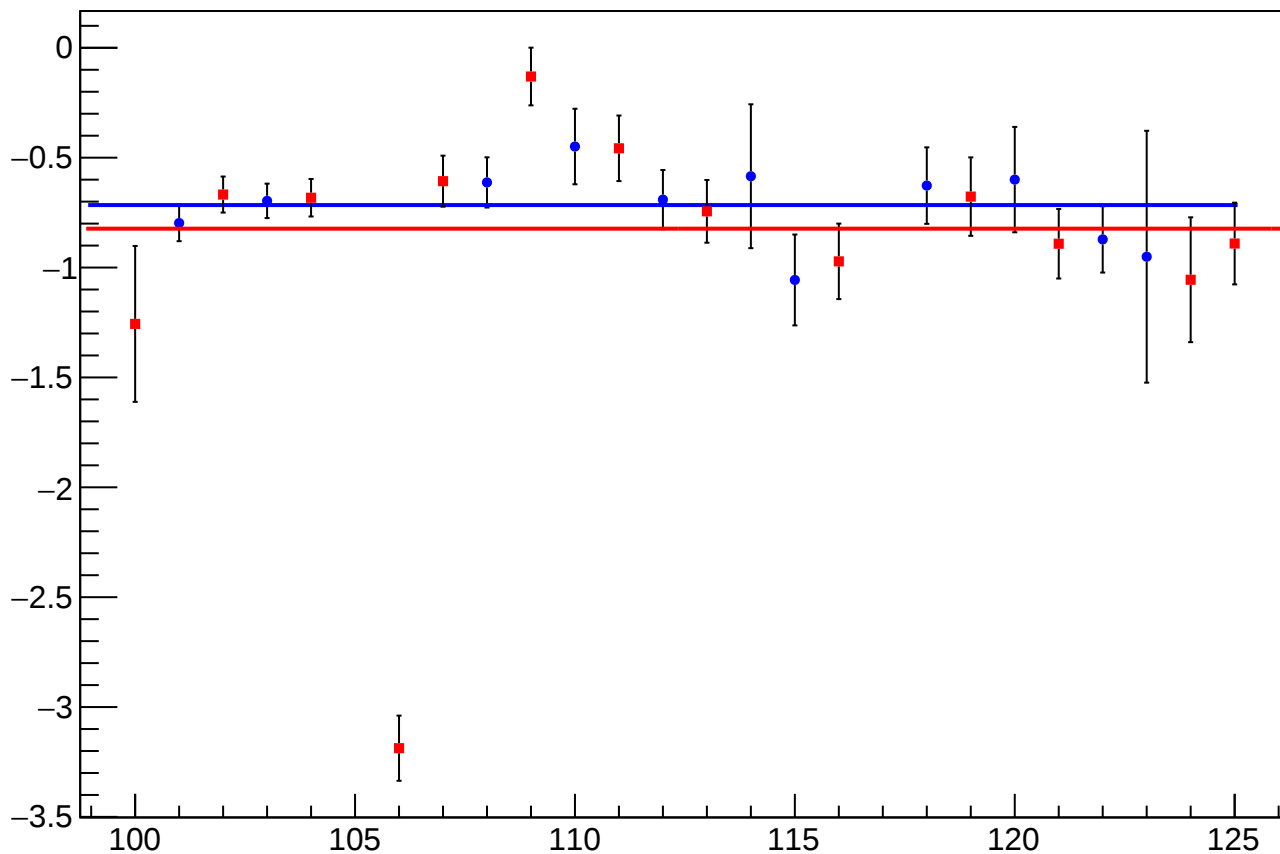
Right: -15.359 ± 0.521 χ^2/NDF : 723.0/23

In: -16.986 ± 0.744 χ^2/NDF : 395.6/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.359 ± 0.521 χ^2/NDF : 723.0/23

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.716+/-0.041 χ^2 /NDF: 8.9/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.823+/-0.037 χ^2 /NDF: 301.9/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

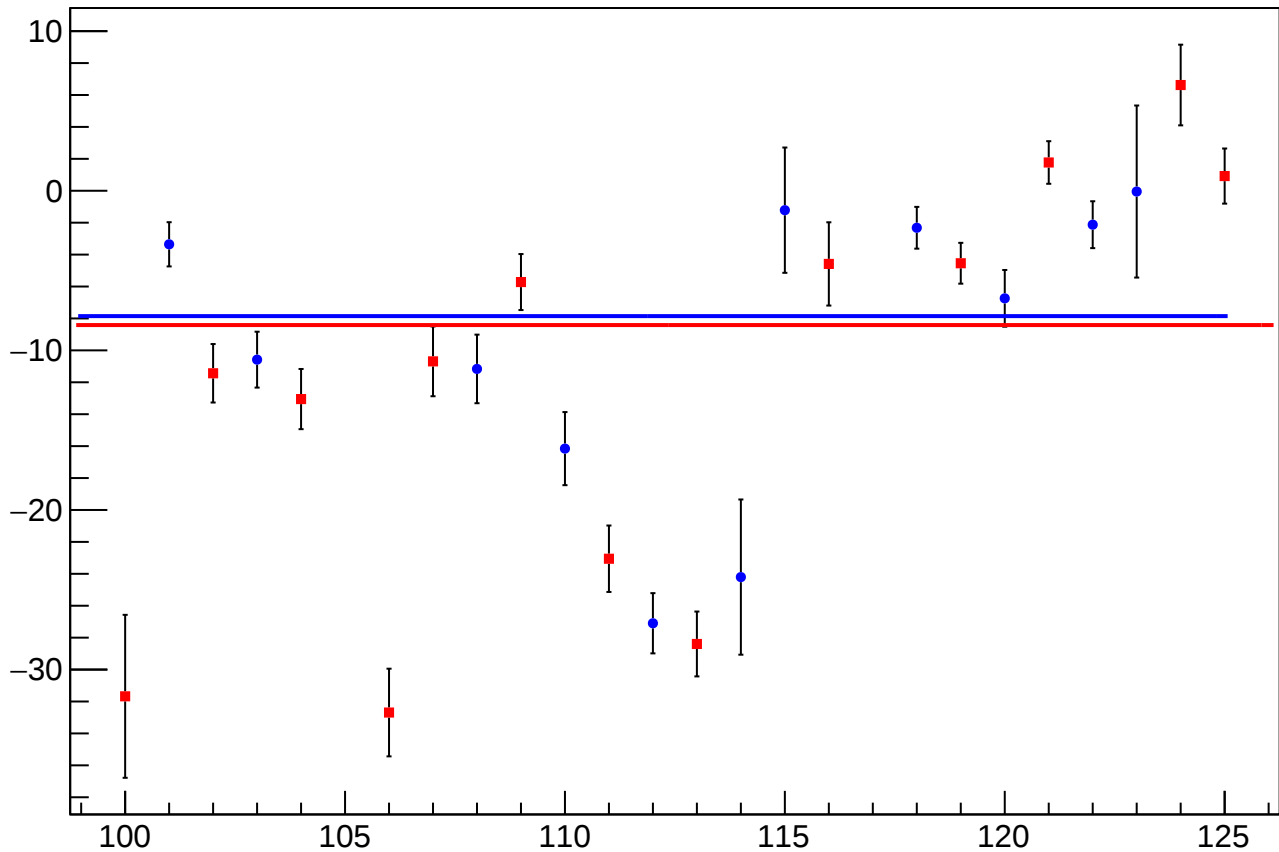
Right: -0.774+/-0.028 χ^2 /NDF: 314.5/23

In: -0.716+/-0.041 χ^2 /NDF:8.9/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.774+/-0.028 χ^2 /NDF: 314.5/23

reg_asym_sam_26_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -7.854+/-0.573 χ^2/NDF : 182.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.415+/-0.529 χ^2/NDF : 391.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

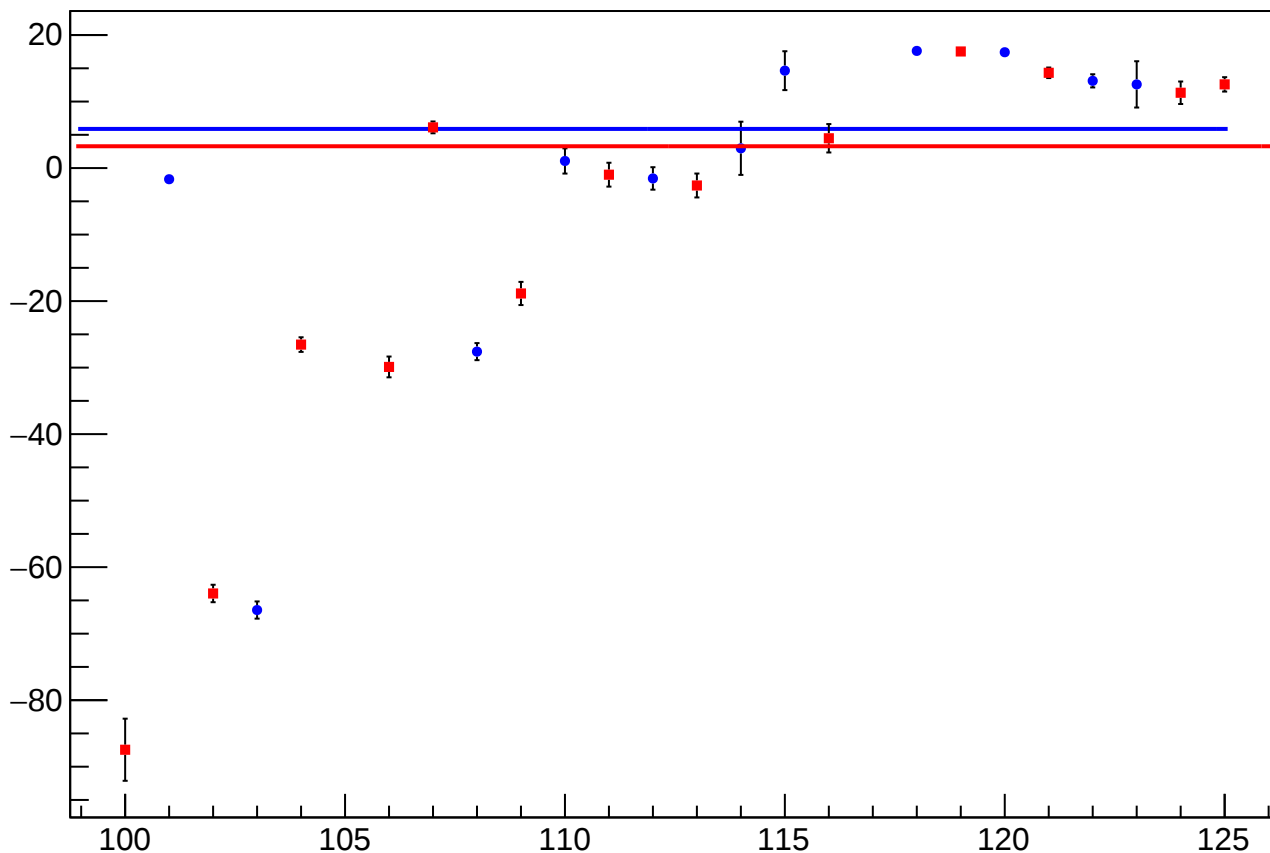
Right: -8.157+/-0.389 χ^2/NDF : 574.3/23

In: -7.854+/-0.573 χ^2/NDF : 182.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.157+/-0.389 χ^2/NDF : 574.3/23

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.887 ± 0.294 χ^2/NDF : 4890.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 3.280 ± 0.298 χ^2/NDF : 5525.6/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

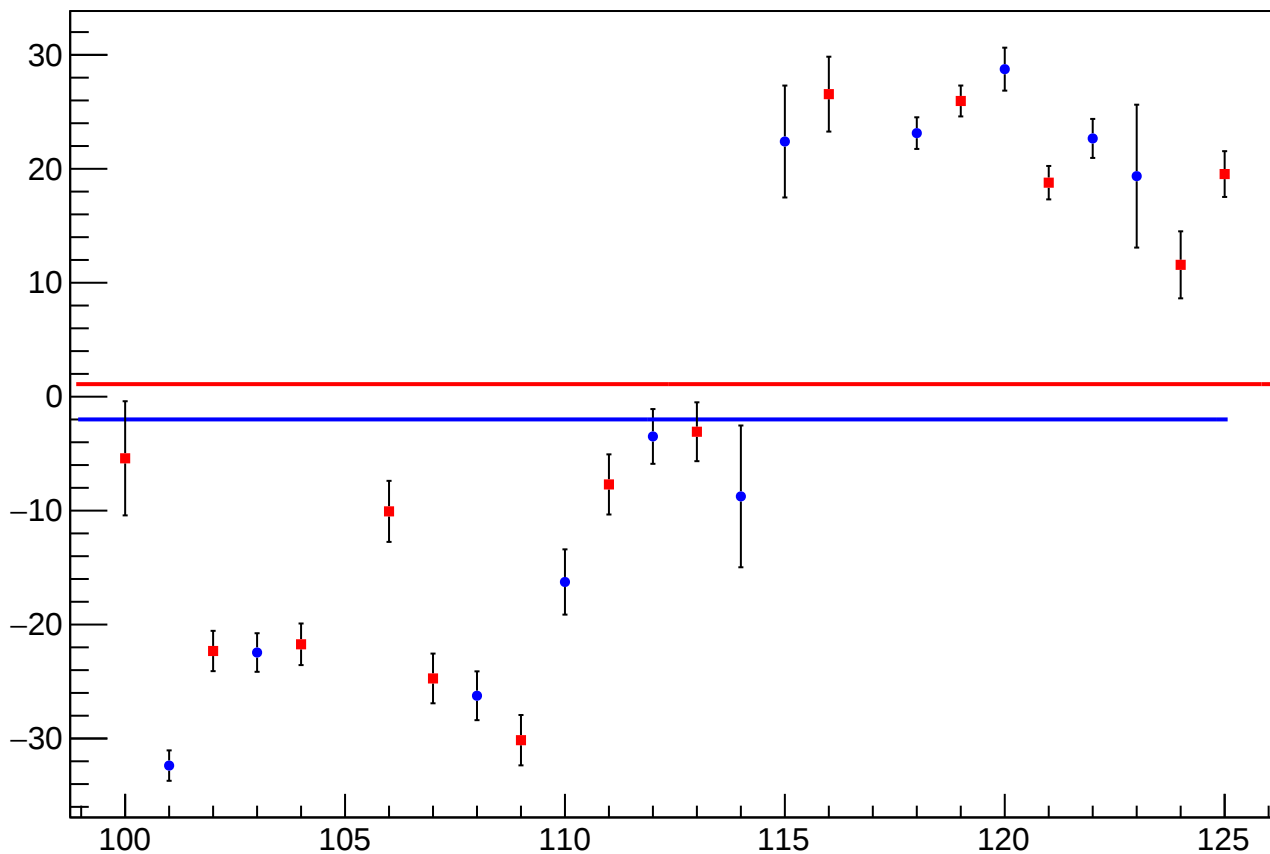
Right: 4.600 ± 0.209 χ^2/NDF : 10455.4/23

In: 5.887 ± 0.294 χ^2/NDF : 4890.9/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 4.600 ± 0.209 χ^2/NDF : 10455.4/23

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.996+/-0.614 χ^2/NDF : 1655.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.101+/-0.580 χ^2/NDF : 1343.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

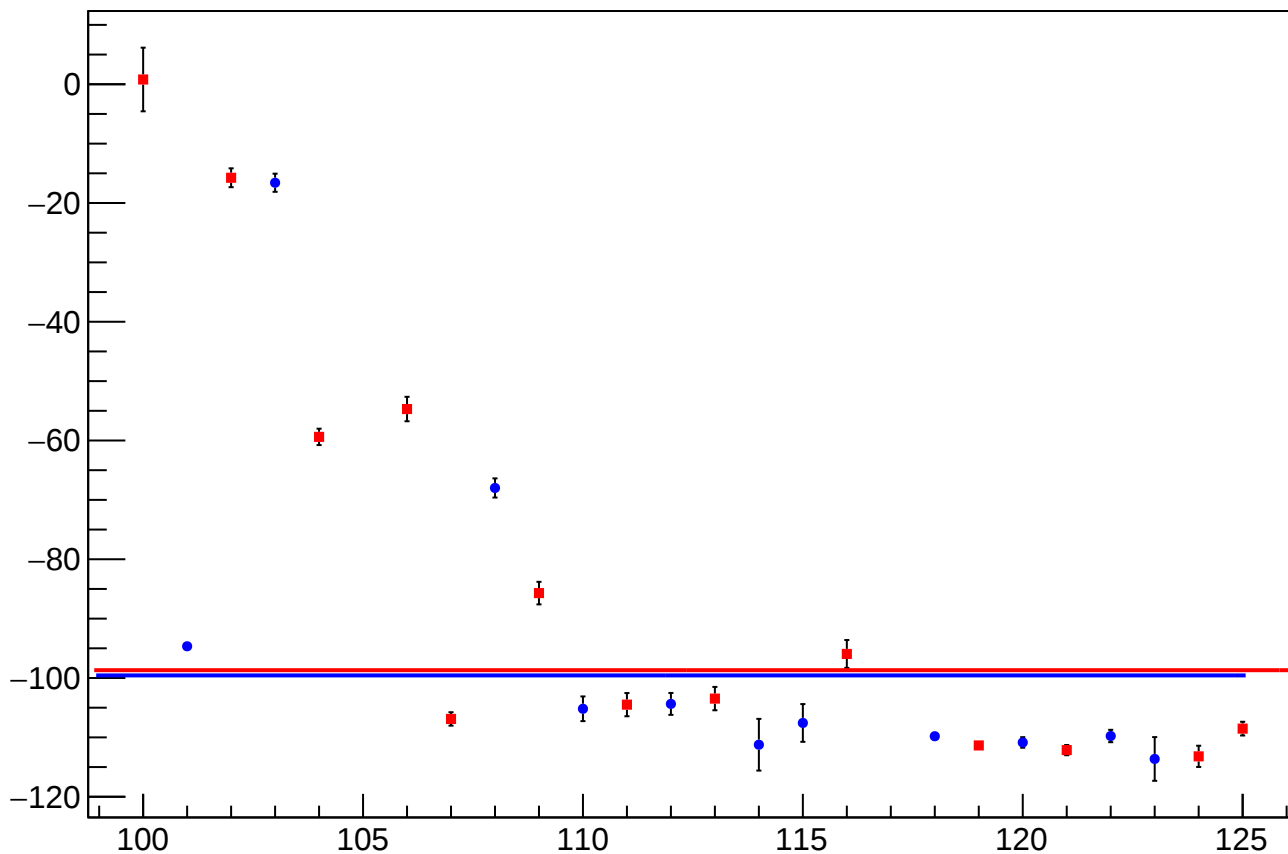
Right: -0.360+/-0.421 χ^2/NDF : 3012.3/23

In: -1.996+/-0.614 χ^2/NDF :1655.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.360+/-0.421 χ^2/NDF : 3012.3/23

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -99.564+/-0.362 χ^2/NDF : 3929.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -98.685+/-0.356 χ^2/NDF : 5247.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

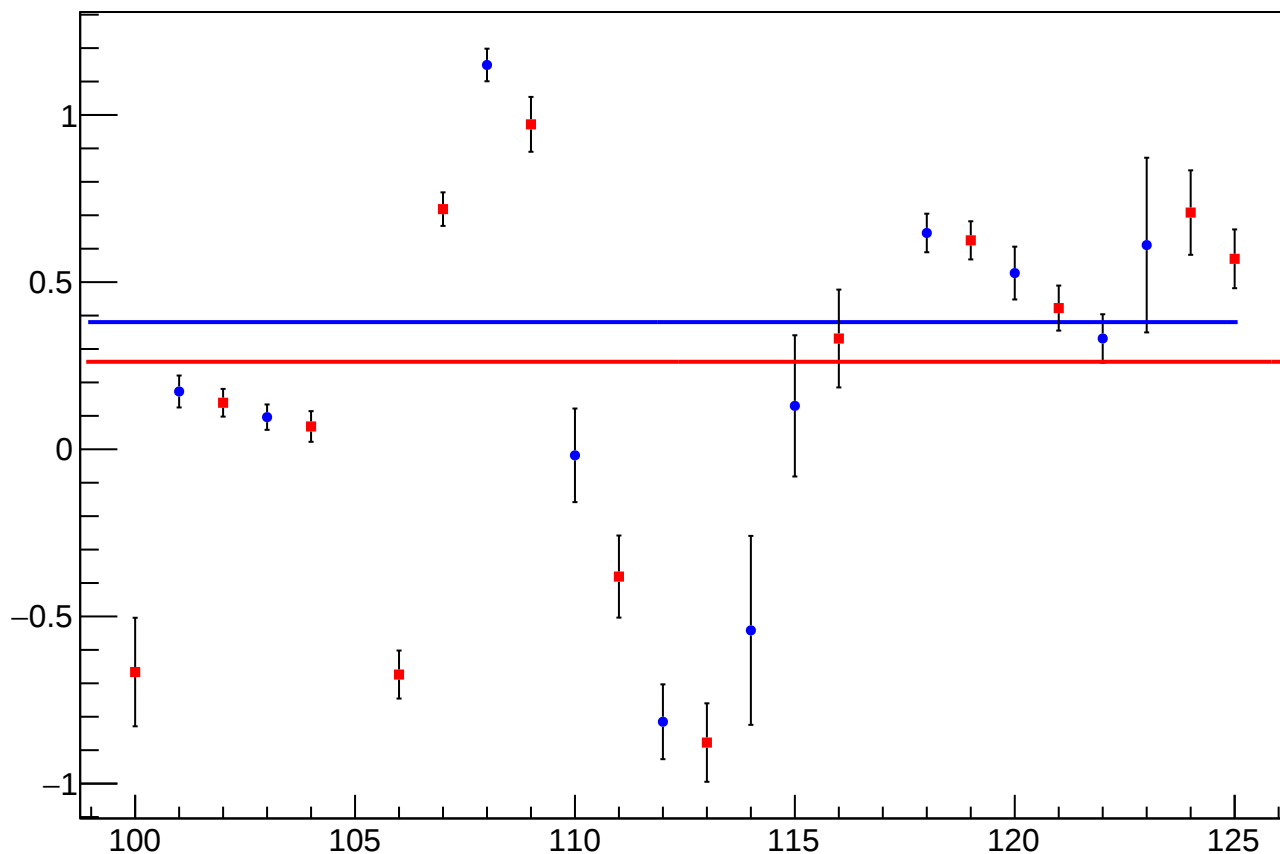
Right: -99.116+/-0.254 χ^2/NDF : 9180.6/23

In: -99.564+/-0.362 χ^2/NDF : 3929.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -99.116+/-0.254 χ^2/NDF : 9180.6/23

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.380+/-0.020 χ^2/NDF : 484.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.262+/-0.019 χ^2/NDF : 579.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

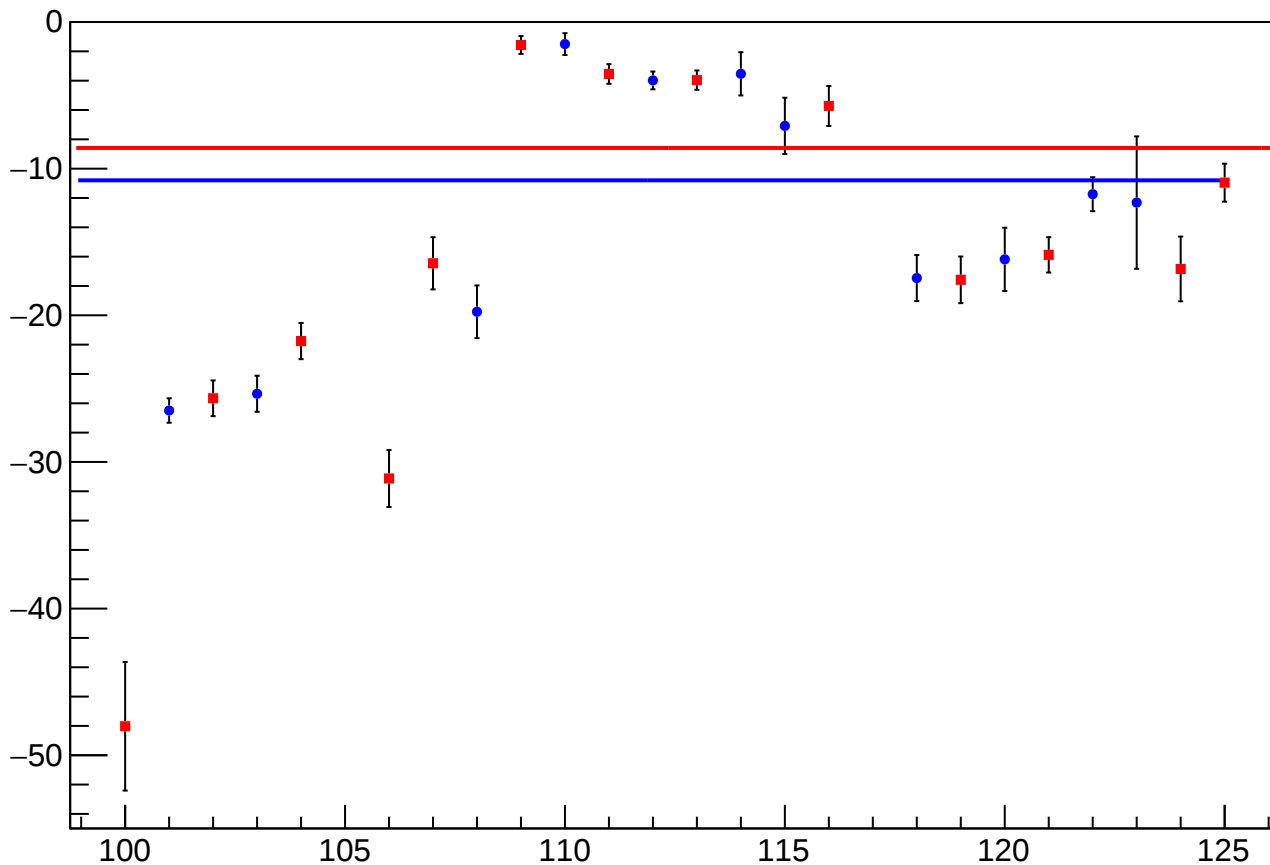
Right: 0.317+/-0.014 χ^2/NDF : 1081.3/23

In: 0.380+/-0.020 χ^2/NDF : 484.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.317+/-0.014 χ^2/NDF : 1081.3/23

reg_asym_sam_1357_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -10.796 ± 0.332 $\chi^2/\text{NDF}: 855.1/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -8.586 ± 0.293 $\chi^2/\text{NDF}: 874.7/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

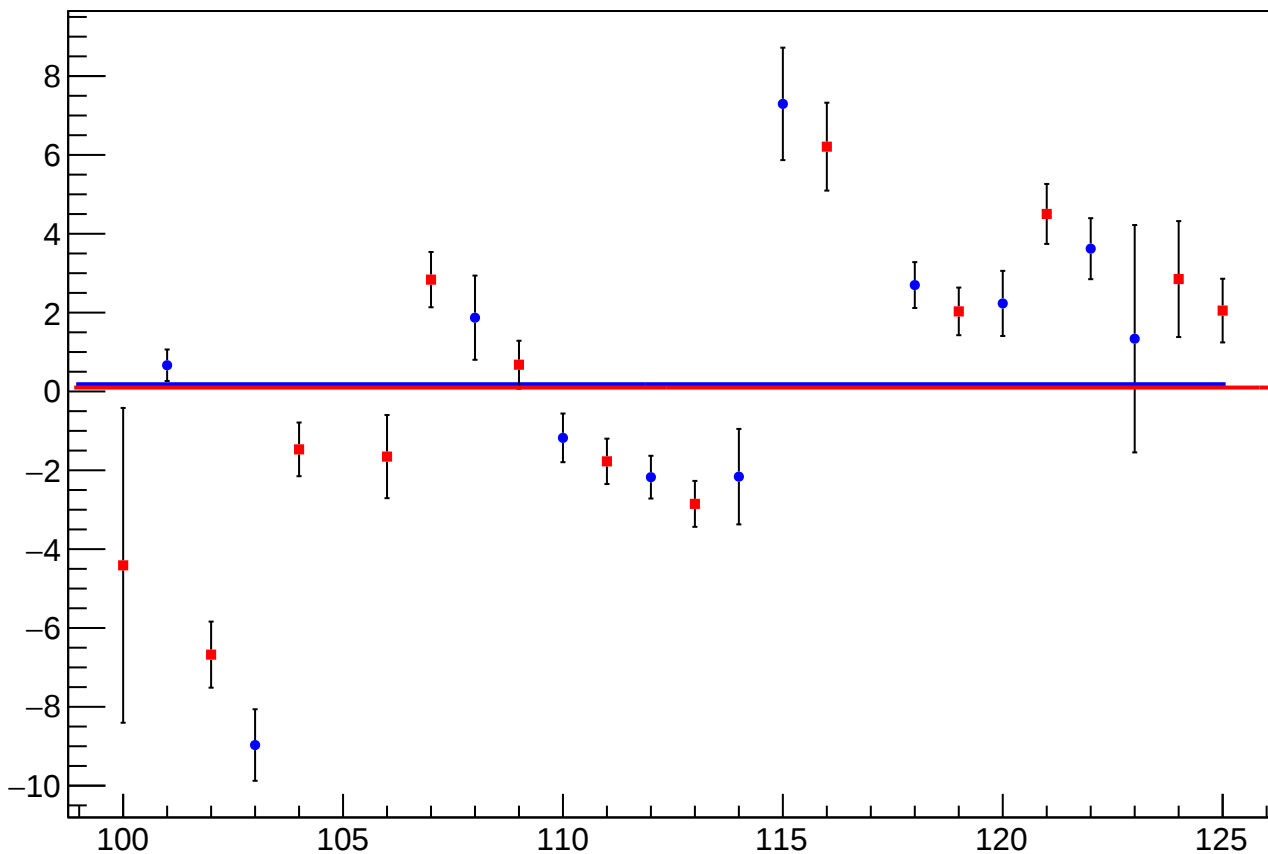
Right: -9.556 ± 0.220 $\chi^2/\text{NDF}: 1754.7/23$

In: -10.796 ± 0.332 $\chi^2/\text{NDF}: 855.1/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -9.556 ± 0.220 $\chi^2/\text{NDF}: 1754.7/23$

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.183+/-0.214 χ^2/NDF : 202.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.099+/-0.211 χ^2/NDF : 210.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

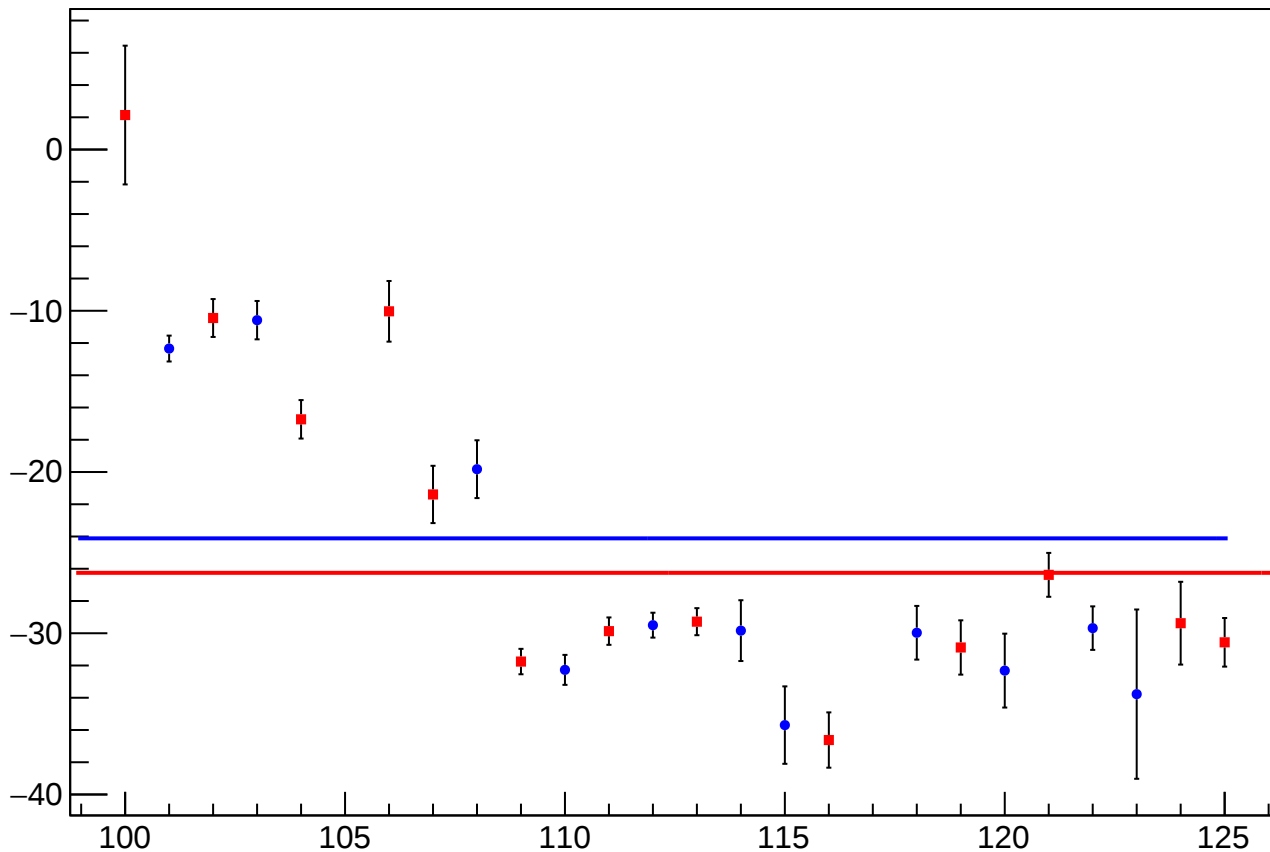
Right: 0.140+/-0.150 χ^2/NDF : 413.0/23

In: 0.183+/-0.214 χ^2/NDF : 202.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.140+/-0.150 χ^2/NDF : 413.0/23

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -24.115 $\pm$ 0.378 χ^2 /NDF: 554.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -26.252 $\pm$ 0.347 χ^2 /NDF: 503.5/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

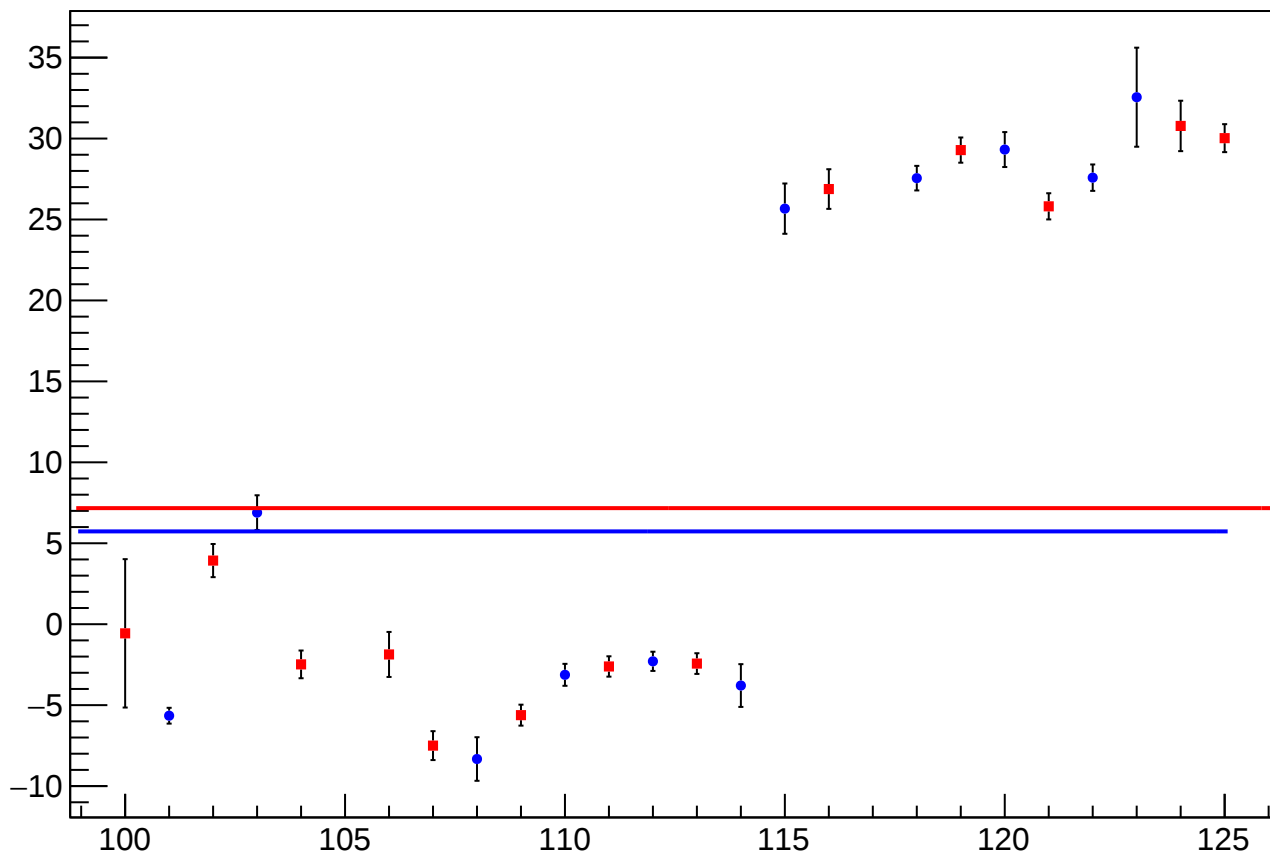
Right: -25.276 $\pm$ 0.256 χ^2 /NDF: 1074.8/23

In: -24.115 $\pm$ 0.378 χ^2 /NDF:554.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -25.276 $\pm$ 0.256 χ^2 /NDF: 1074.8/23

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.733+/-0.251 χ^2/NDF : 3324.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.170+/-0.242 χ^2/NDF : 3837.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

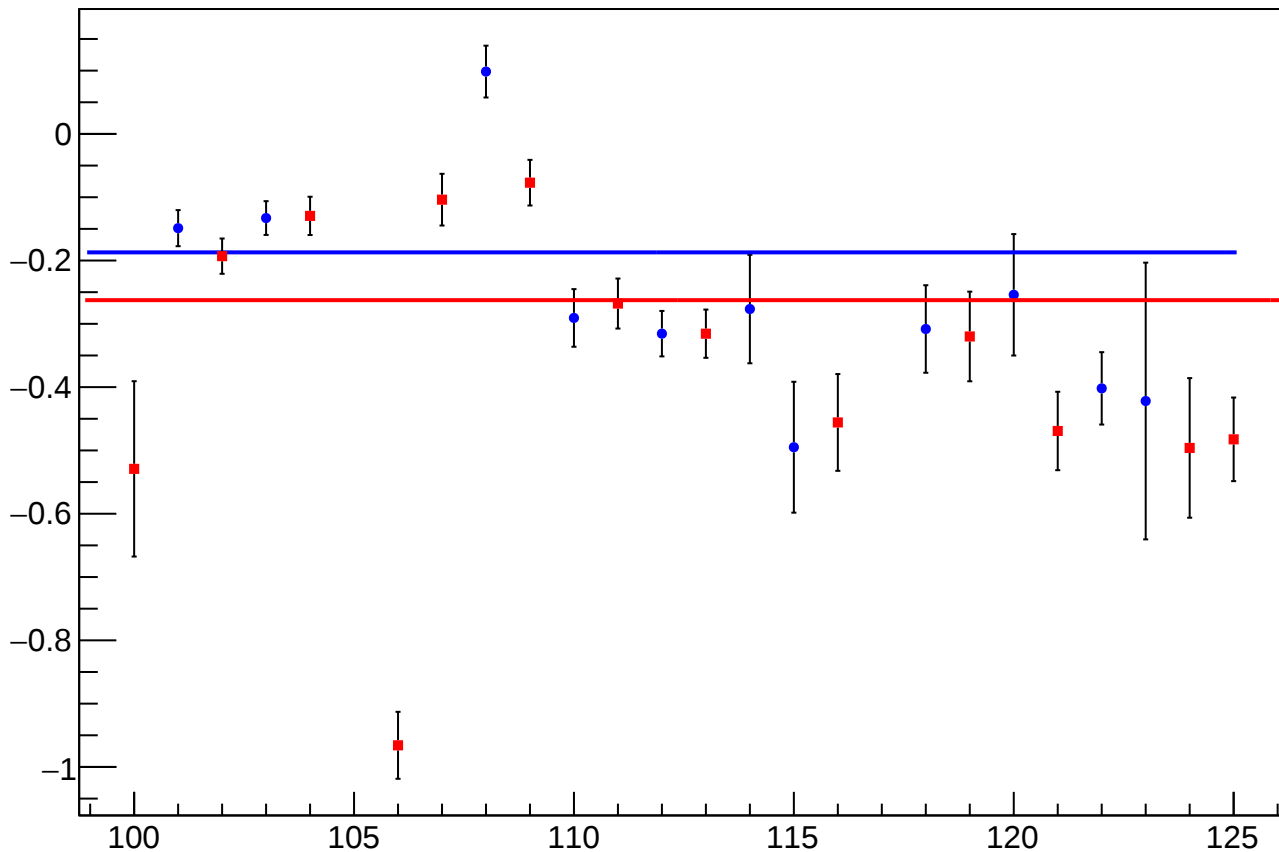
Right: 6.479+/-0.174 χ^2/NDF : 7178.8/23

In: 5.733+/-0.251 χ^2/NDF : 3324.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.479+/-0.174 χ^2/NDF : 7178.8/23

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.187+/-0.014 χ^2/NDF : 101.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.263+/-0.012 χ^2/NDF : 283.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

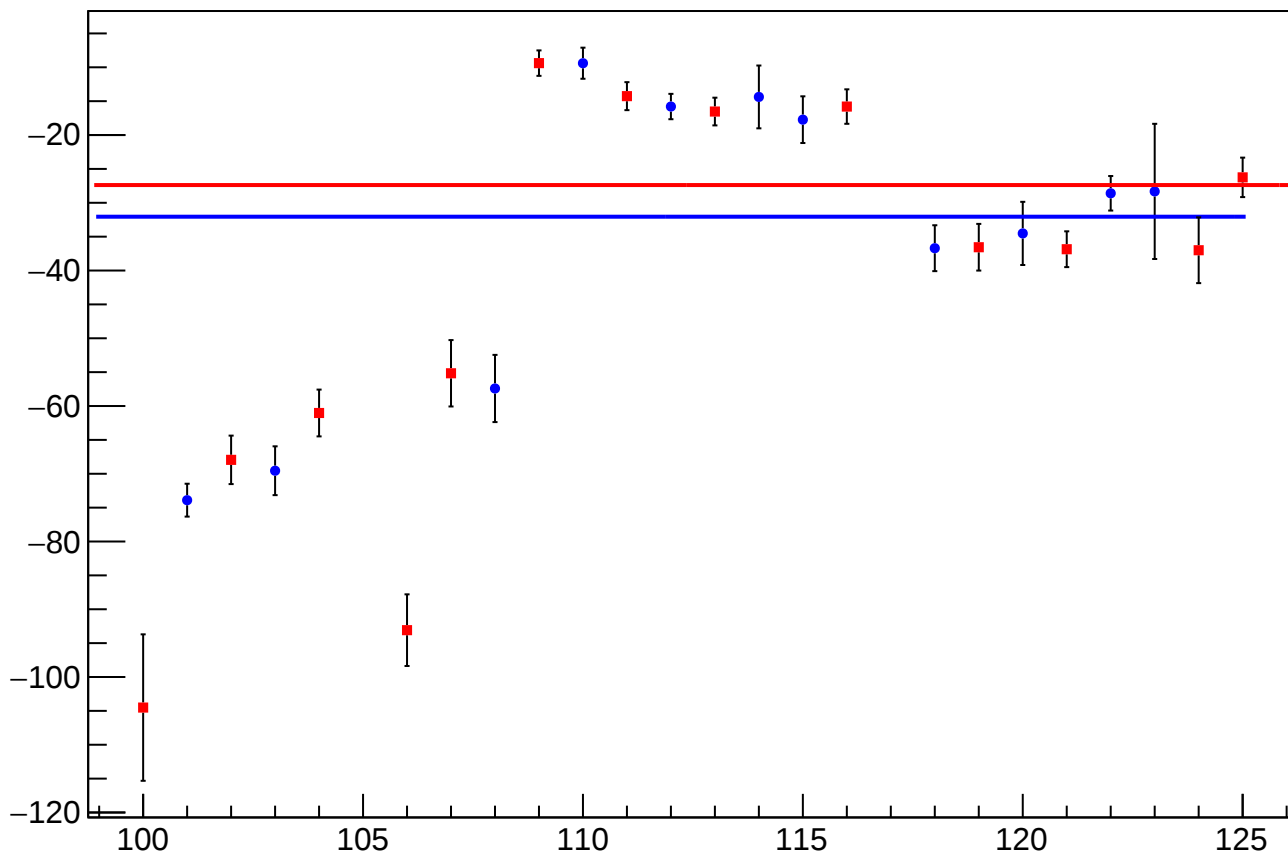
Right: -0.228+/-0.009 χ^2/NDF : 401.4/23

In: -0.187+/-0.014 χ^2/NDF : 101.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.228+/-0.009 χ^2/NDF : 401.4/23

reg_asym_sam_2468_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -32.054 $\pm$ 0.916 χ^2 /NDF: 640.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -27.383 $\pm$ 0.804 χ^2 /NDF: 666.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

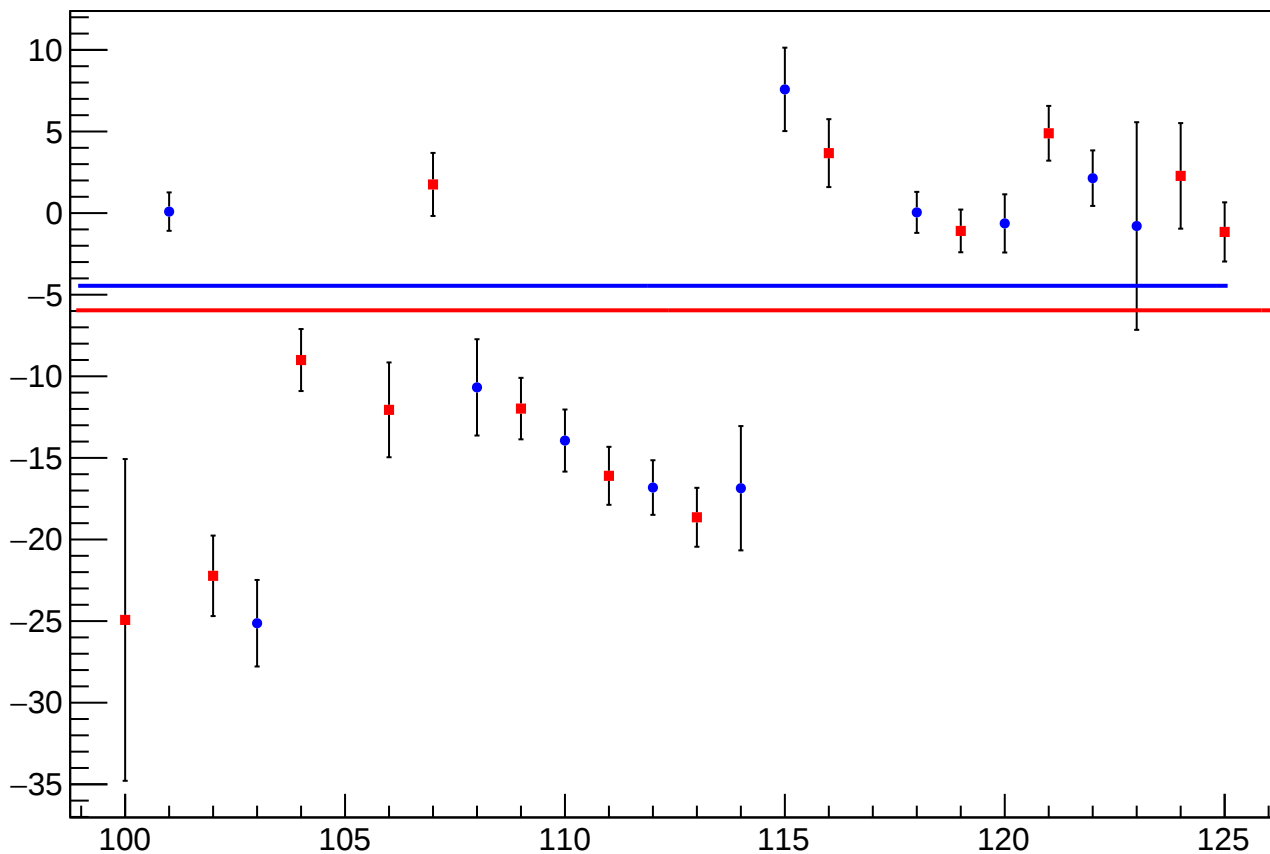
Right: -29.414 $\pm$ 0.604 χ^2 /NDF: 1321.4/23

In: -32.054 $\pm$ 0.916 χ^2 /NDF:640.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -29.414 $\pm$ 0.604 χ^2 /NDF: 1321.4/23

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.454+/-0.563 χ^2/NDF : 225.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.957+/-0.549 χ^2/NDF : 252.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

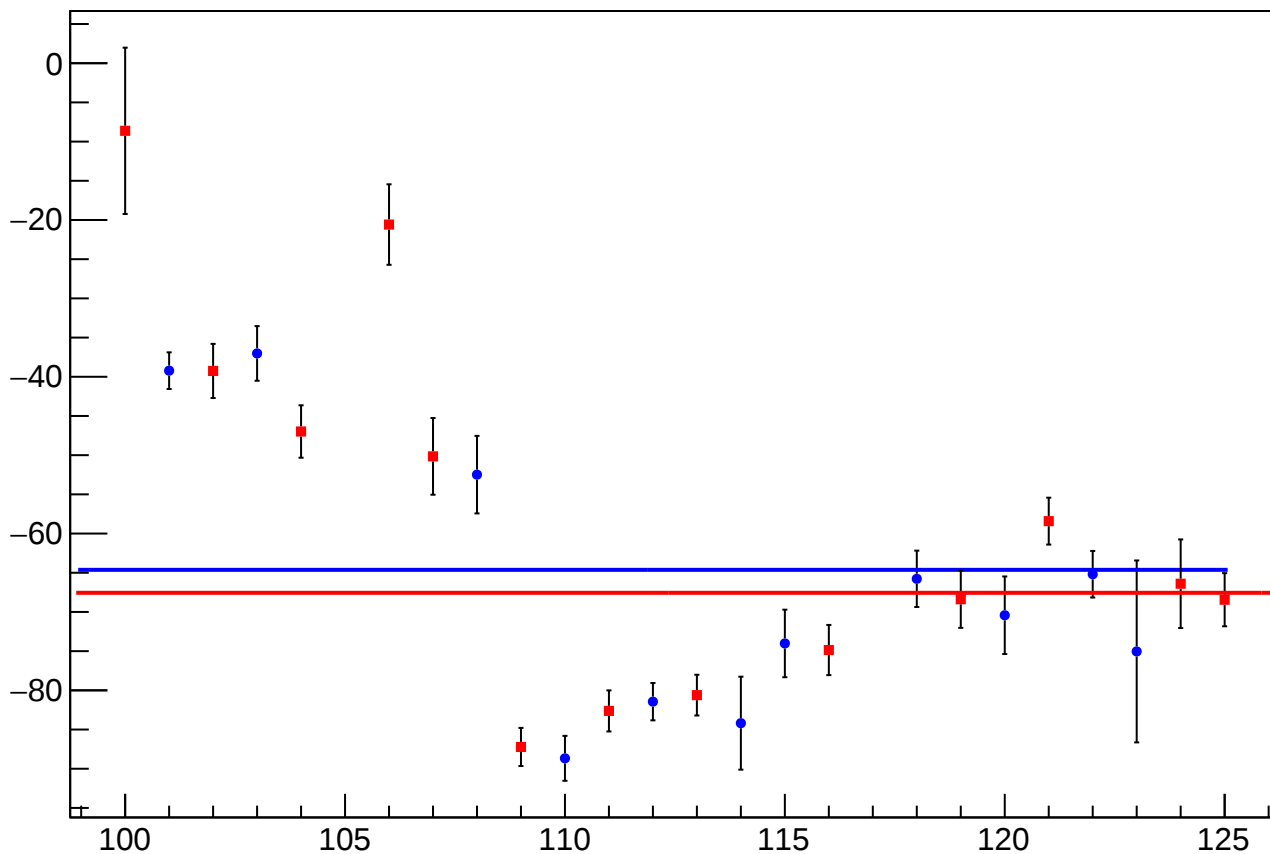
Right: -5.224+/-0.393 χ^2/NDF : 481.8/23

In: -4.454+/-0.563 χ^2/NDF : 225.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.224+/-0.393 χ^2/NDF : 481.8/23

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -64.628+/-1.039 χ^2/NDF : 325.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -67.557+/-0.942 χ^2/NDF : 370.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

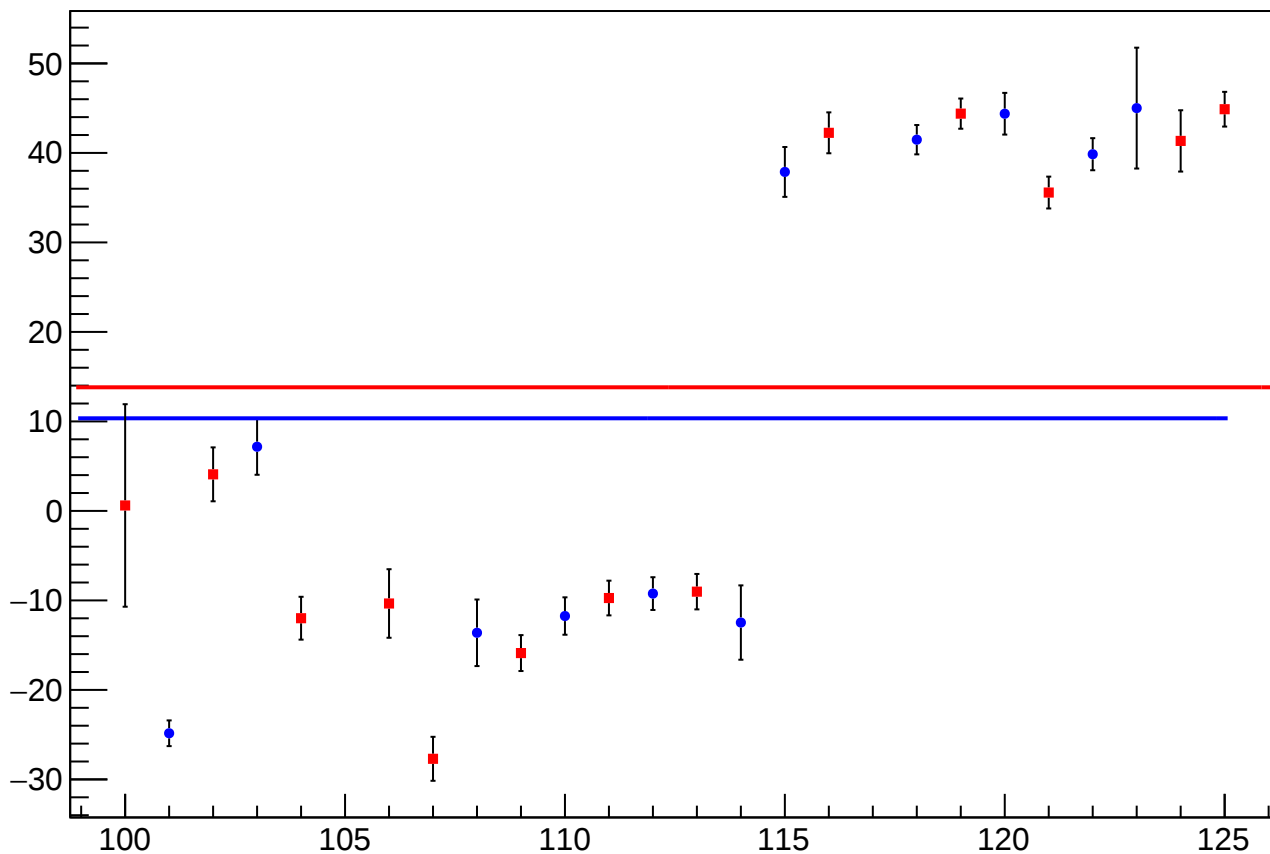
Right: -66.237+/-0.698 χ^2/NDF : 700.1/23

In: -64.628+/-1.039 χ^2/NDF : 325.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -66.237+/-0.698 χ^2/NDF : 700.1/23

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.348+/-0.665 χ^2/NDF : 1868.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.812+/-0.632 χ^2/NDF : 1906.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

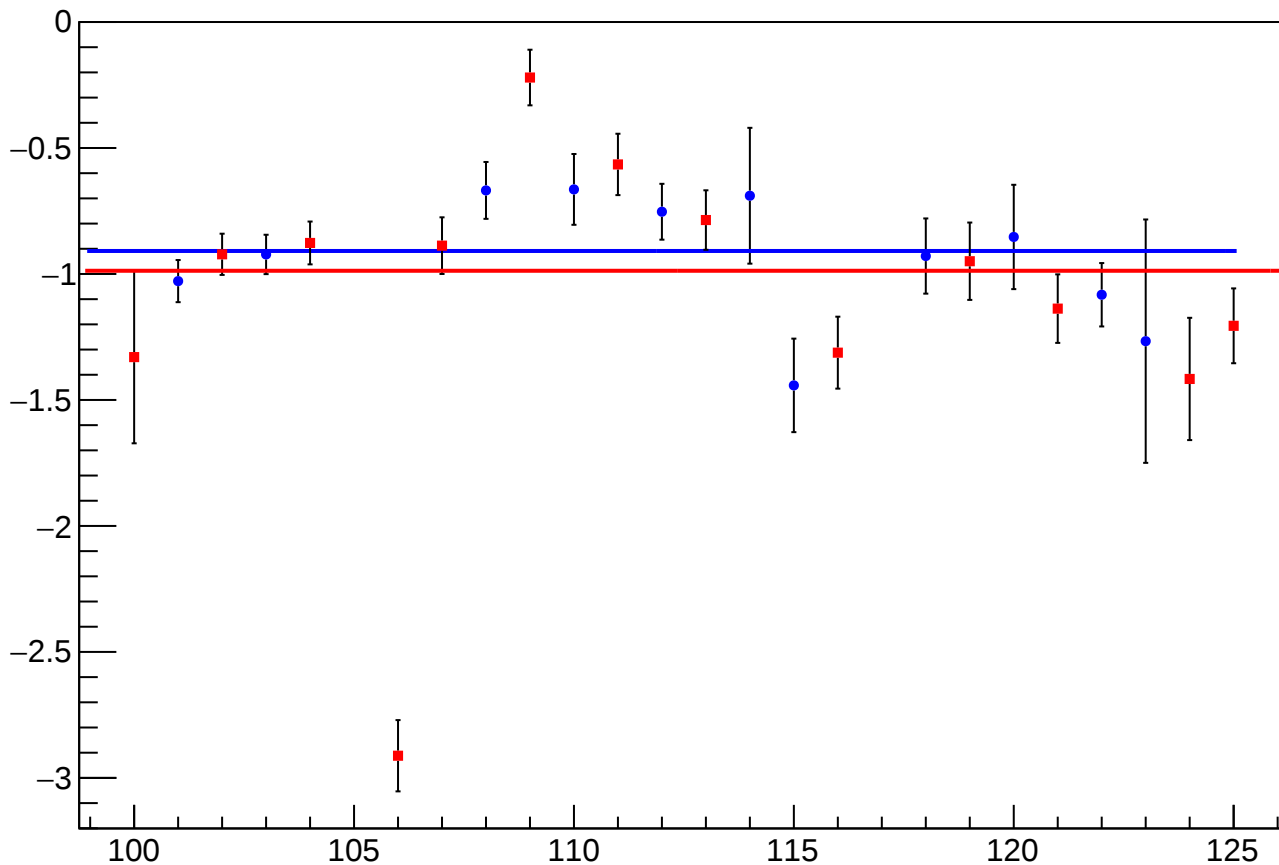
Right: 12.168+/-0.458 χ^2/NDF : 3789.4/23

In: 10.348+/-0.665 χ^2/NDF : 1868.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.168+/-0.458 χ^2/NDF : 3789.4/23

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.909 ± 0.038 $\chi^2/\text{NDF}: 23.1/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.987 ± 0.034 $\chi^2/\text{NDF}: 264.2/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

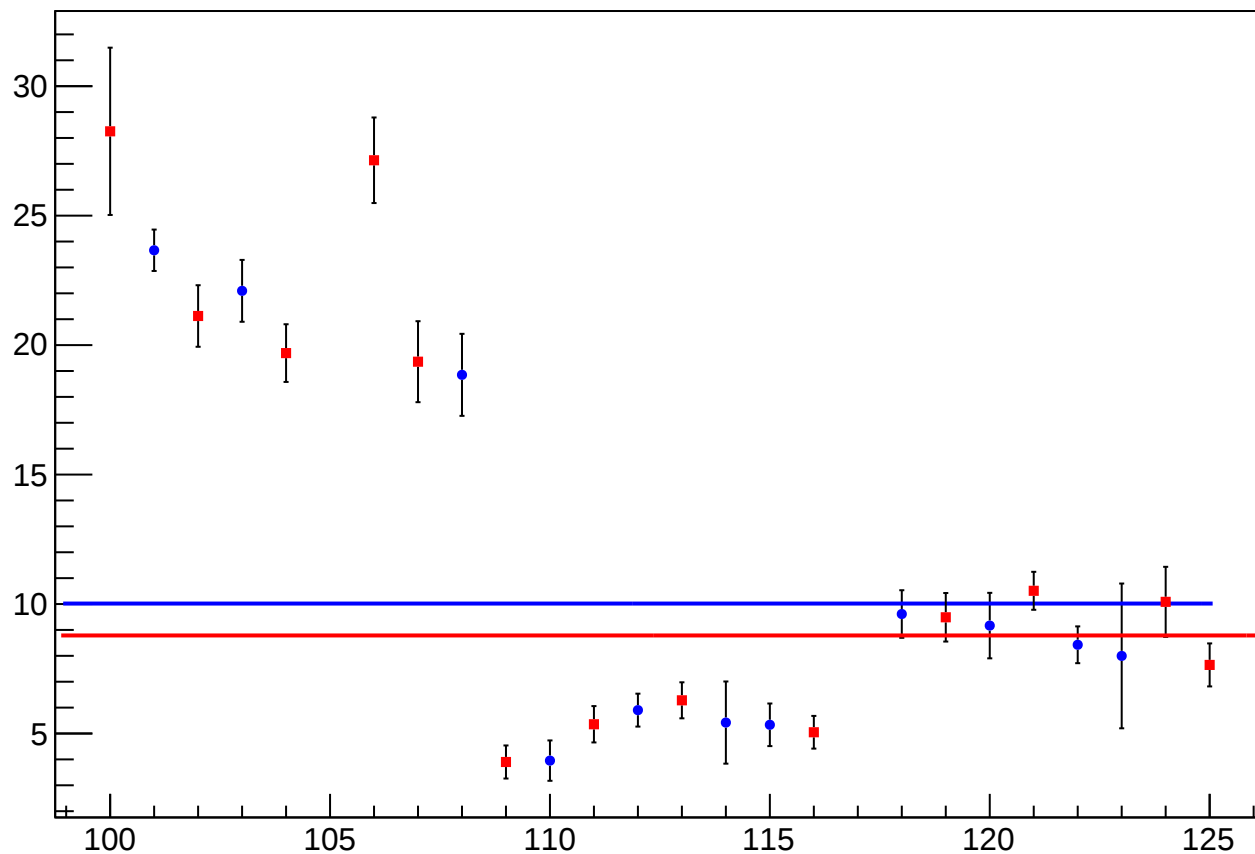
Right: -0.952 ± 0.025 $\chi^2/\text{NDF}: 289.7/23$

In: -0.909 ± 0.038 $\chi^2/\text{NDF}: 23.1/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.952 ± 0.025 $\chi^2/\text{NDF}: 289.7/23$

reg_asym_sam_1357_2468_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 10.019+/-0.282 χ^2/NDF : 574.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.787+/-0.247 χ^2/NDF : 548.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

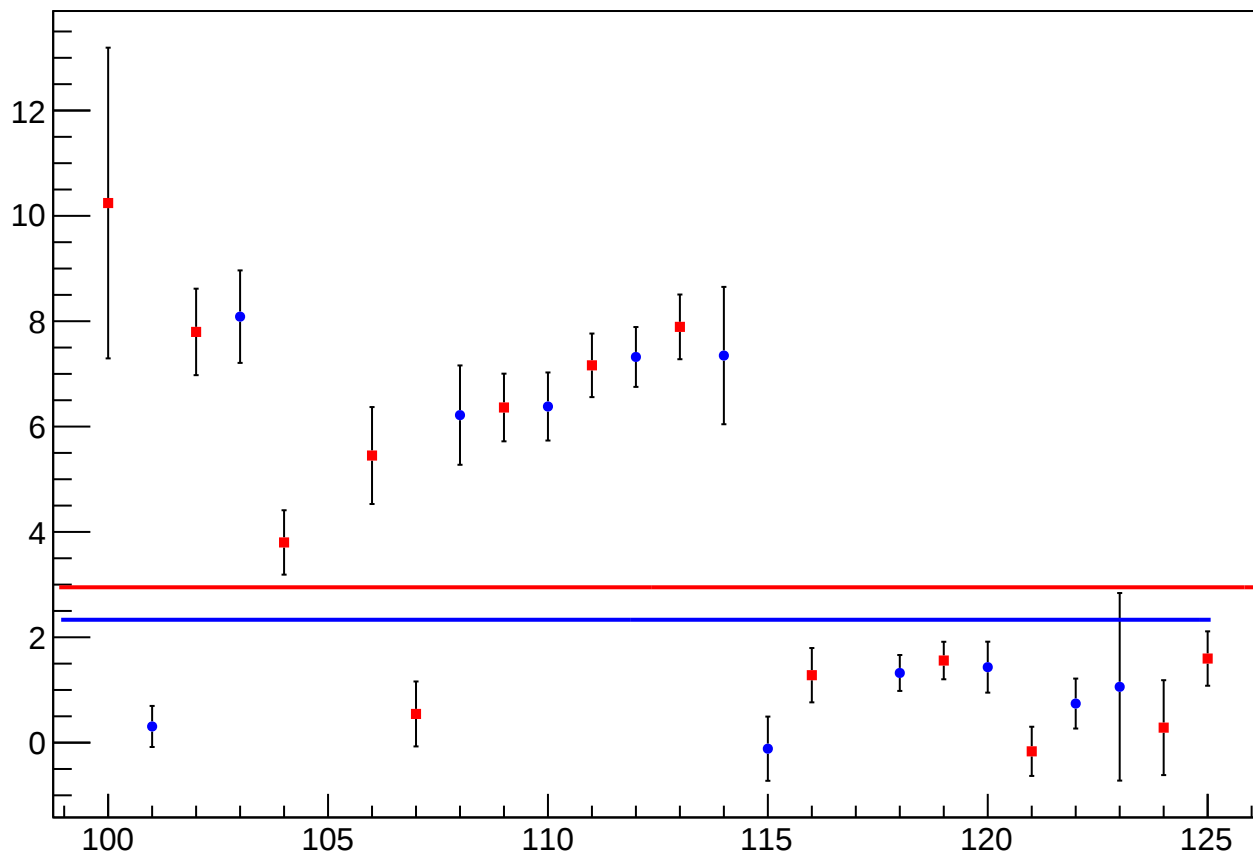
Right: 9.321+/-0.186 χ^2/NDF : 1133.2/23

In: 10.019+/-0.282 χ^2/NDF : 574.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.321+/-0.186 χ^2/NDF : 1133.2/23

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.333+/-0.168 χ^2/NDF : 258.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.949+/-0.164 χ^2/NDF : 293.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

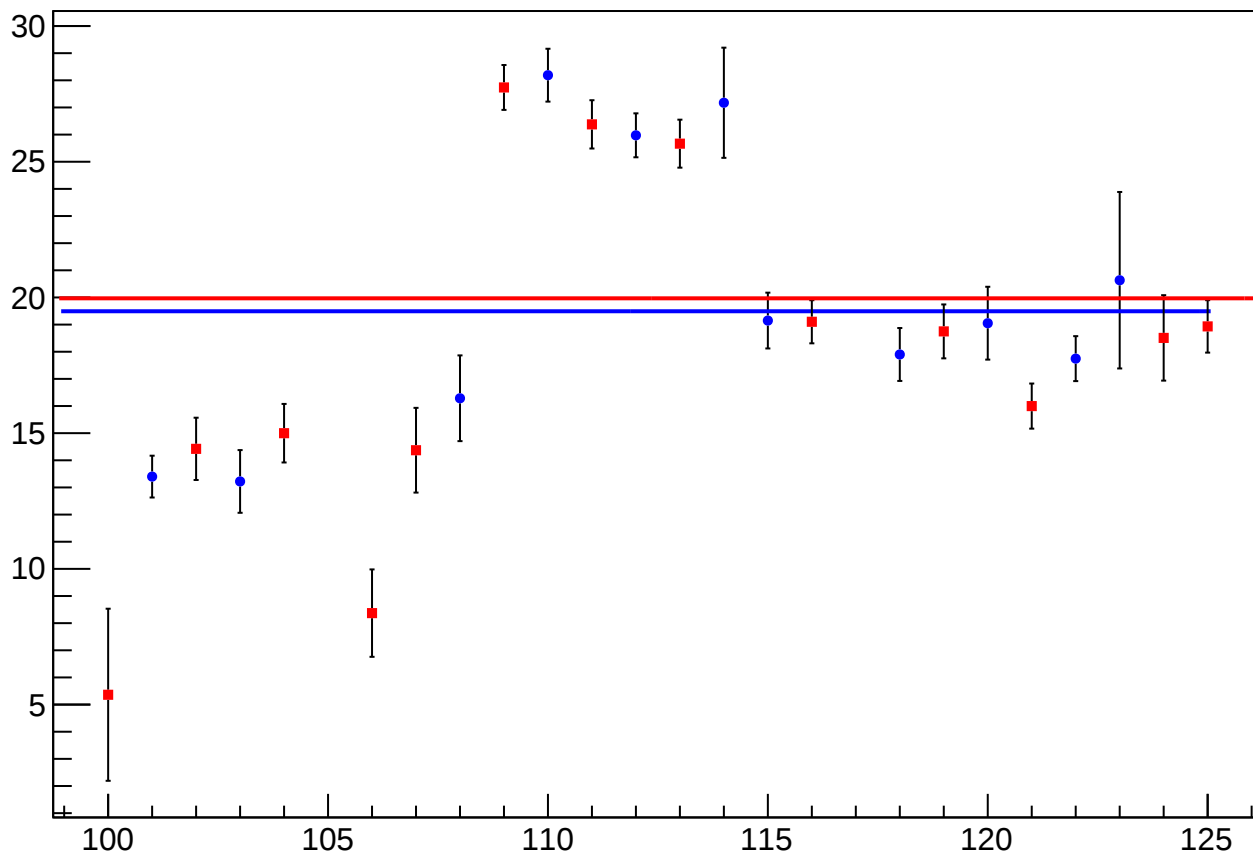
Right: 2.648+/-0.117 χ^2/NDF : 558.3/23

In: 2.333+/-0.168 χ^2/NDF : 258.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.648+/-0.117 χ^2/NDF : 558.3/23

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 19.491+/-0.320 χ^2 /NDF: 261.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 19.968+/-0.288 χ^2 /NDF: 339.9/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

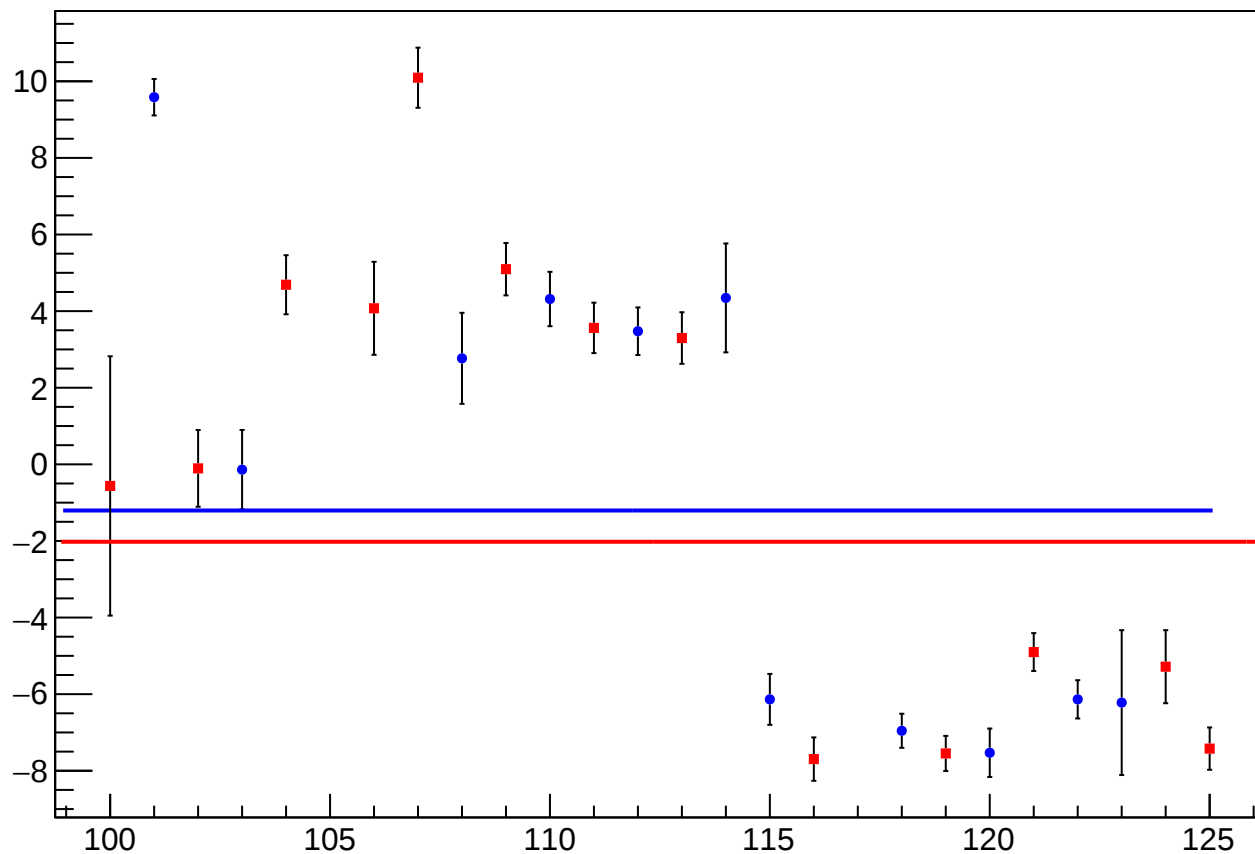
Right: 19.755+/-0.214 χ^2 /NDF: 602.9/23

In: 19.491+/-0.320 χ^2 /NDF:261.8/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 19.755+/-0.214 χ^2 /NDF: 602.9/23

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.205 ± 0.199 χ^2/NDF : 1084.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.021 ± 0.189 χ^2/NDF : 972.3/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

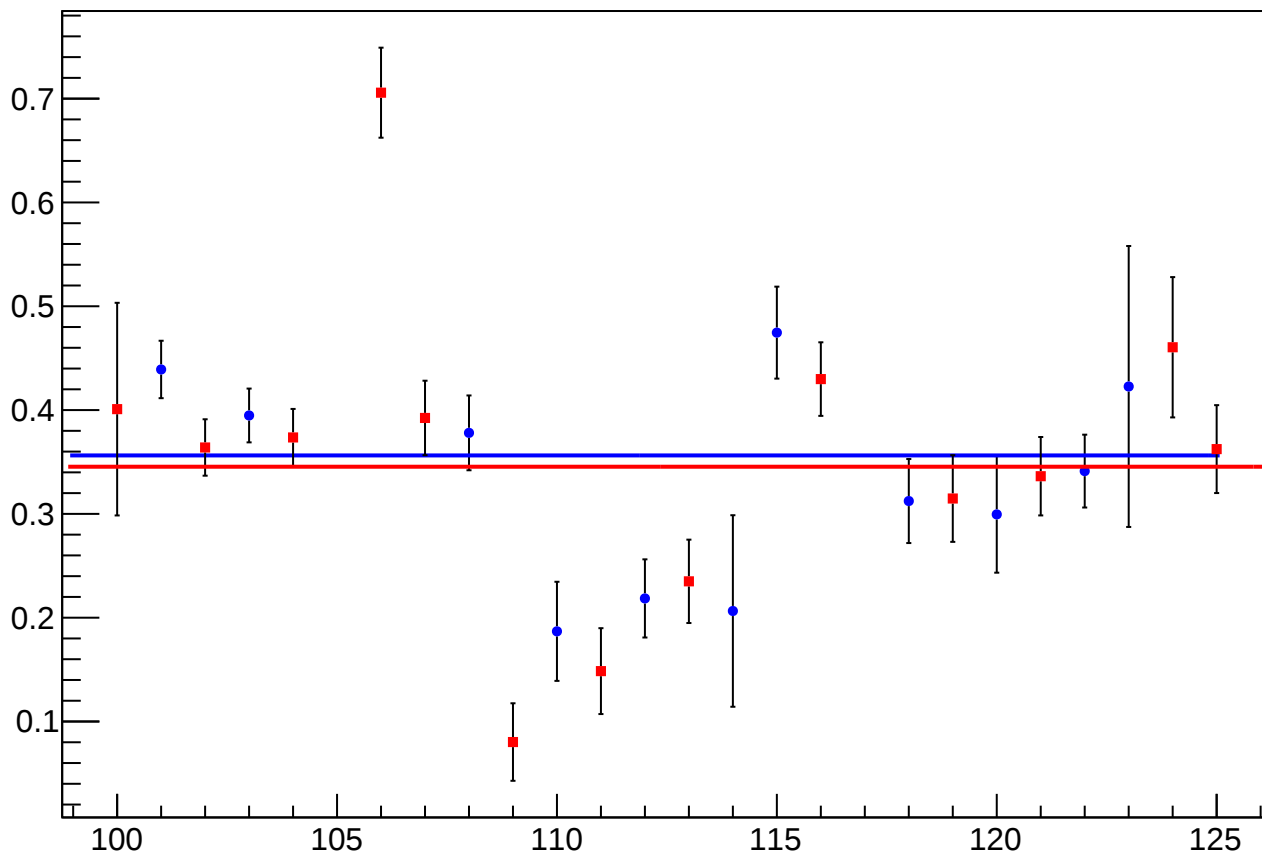
Right: -1.635 ± 0.137 χ^2/NDF : 2066.0/23

In: -1.205 ± 0.199 χ^2/NDF : 1084.9/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.635 ± 0.137 χ^2/NDF : 2066.0/23

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.356+/-0.012 χ^2/NDF : 49.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.345+/-0.011 χ^2/NDF : 162.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

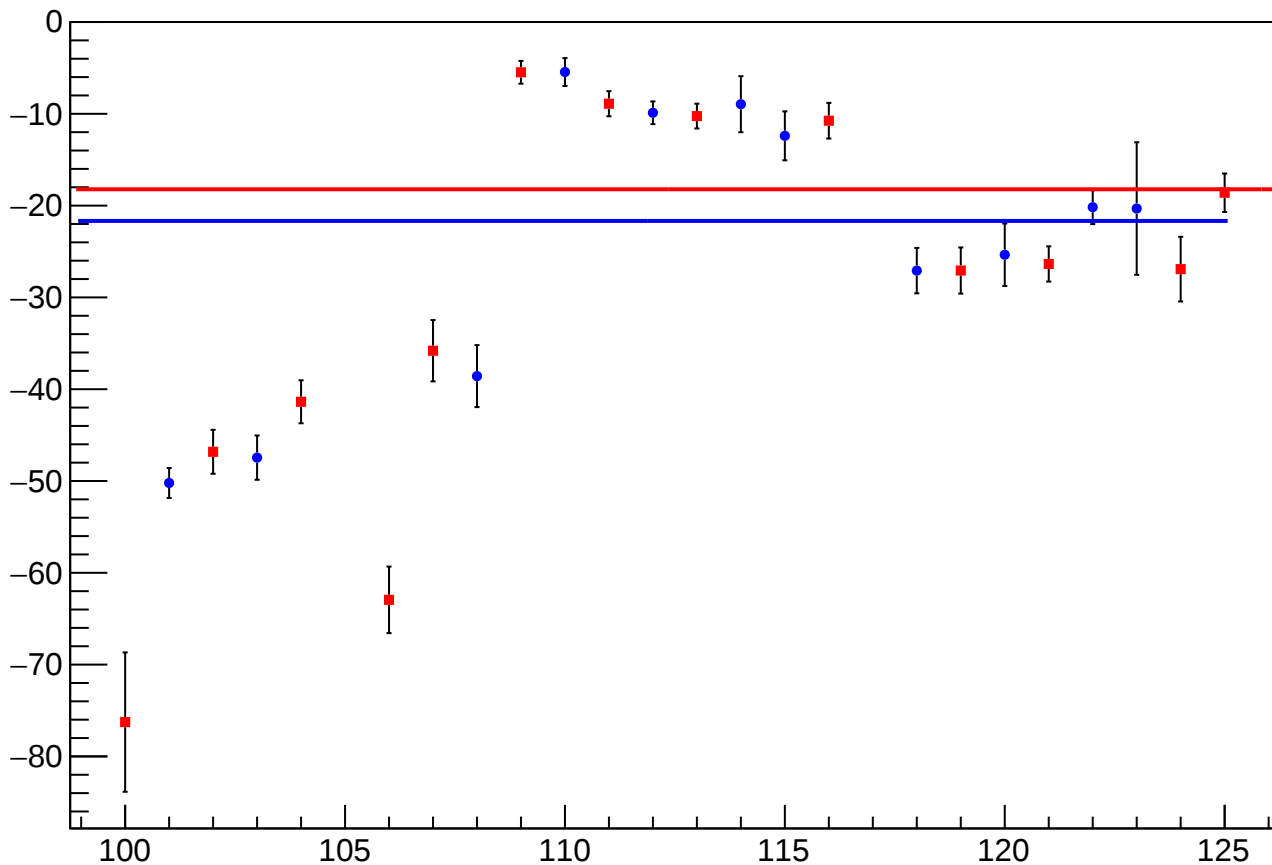
Right: 0.350+/-0.008 χ^2/NDF : 213.0/23

In: 0.356+/-0.012 χ^2/NDF : 49.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.350+/-0.008 χ^2/NDF : 213.0/23

reg_asym_sam_12345678_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -21.669+/-0.628 χ^2/NDF : 687.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.219+/-0.552 χ^2/NDF : 717.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

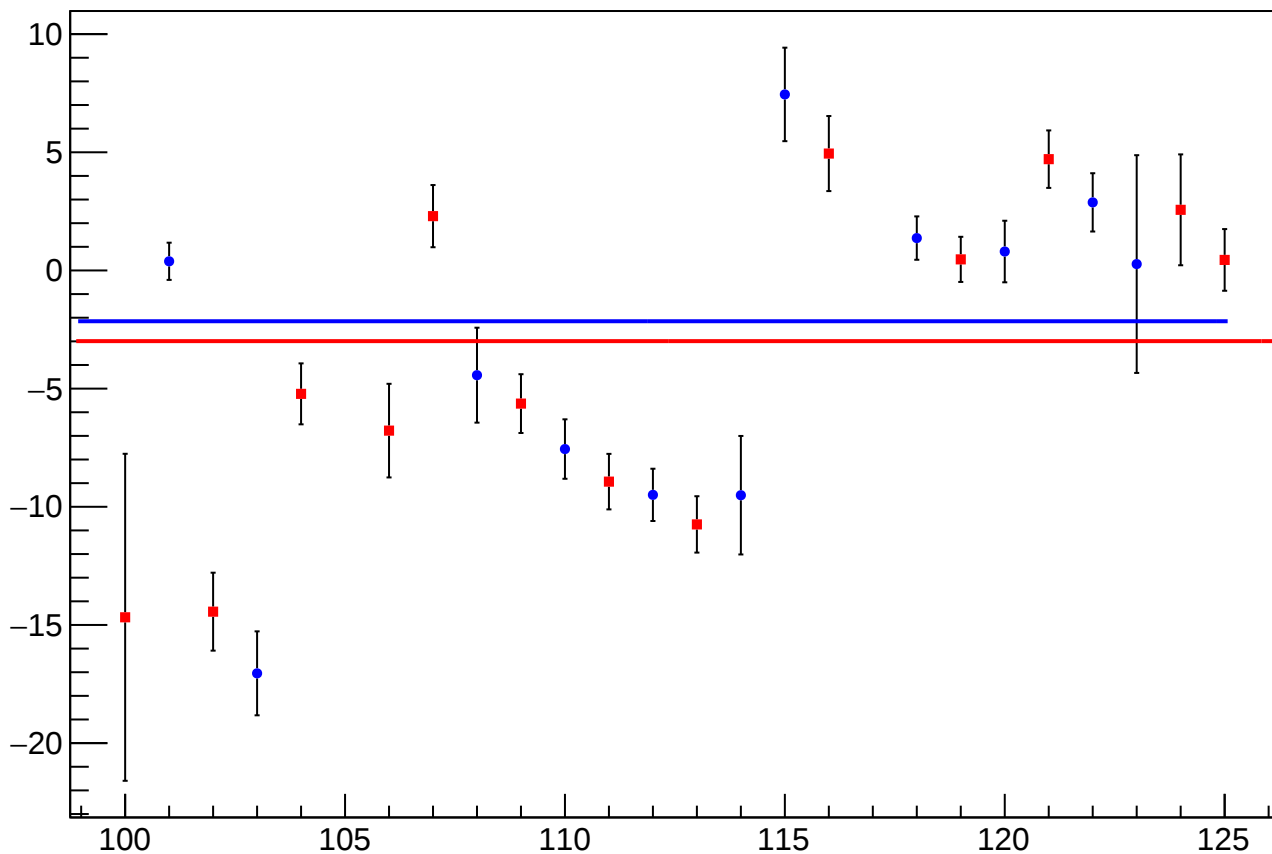
Right: -19.724+/-0.415 χ^2/NDF : 1421.7/23

In: -21.669+/-0.628 χ^2/NDF : 687.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.724+/-0.415 χ^2/NDF : 1421.7/23

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.149+/-0.391 χ^2/NDF : 213.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.991+/-0.382 χ^2/NDF : 237.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

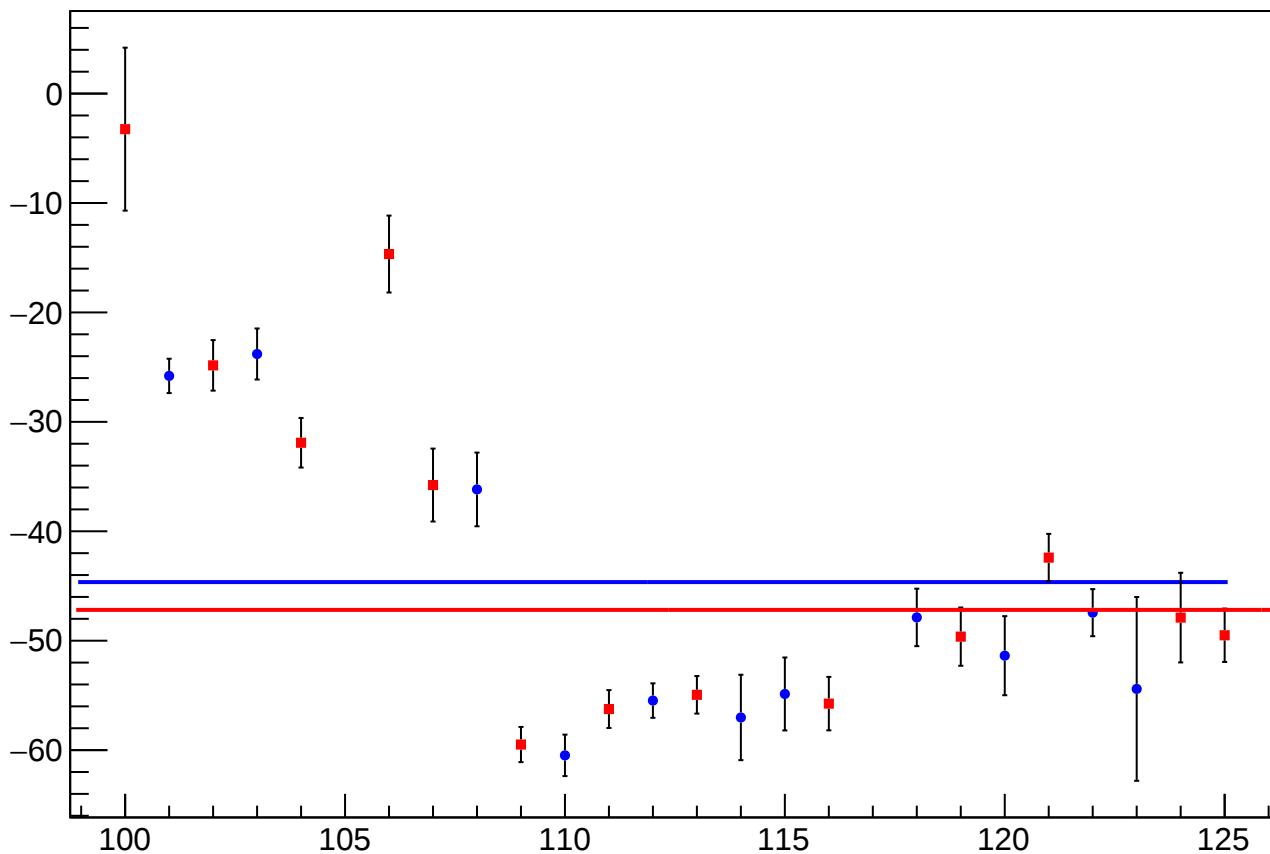
Right: -2.580+/-0.274 χ^2/NDF : 452.9/23

In: -2.149+/-0.391 χ^2/NDF : 213.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.580+/-0.274 χ^2/NDF : 452.9/23

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.644 ± 0.713 χ^2/NDF : 374.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -47.184 ± 0.648 χ^2/NDF : 396.5/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

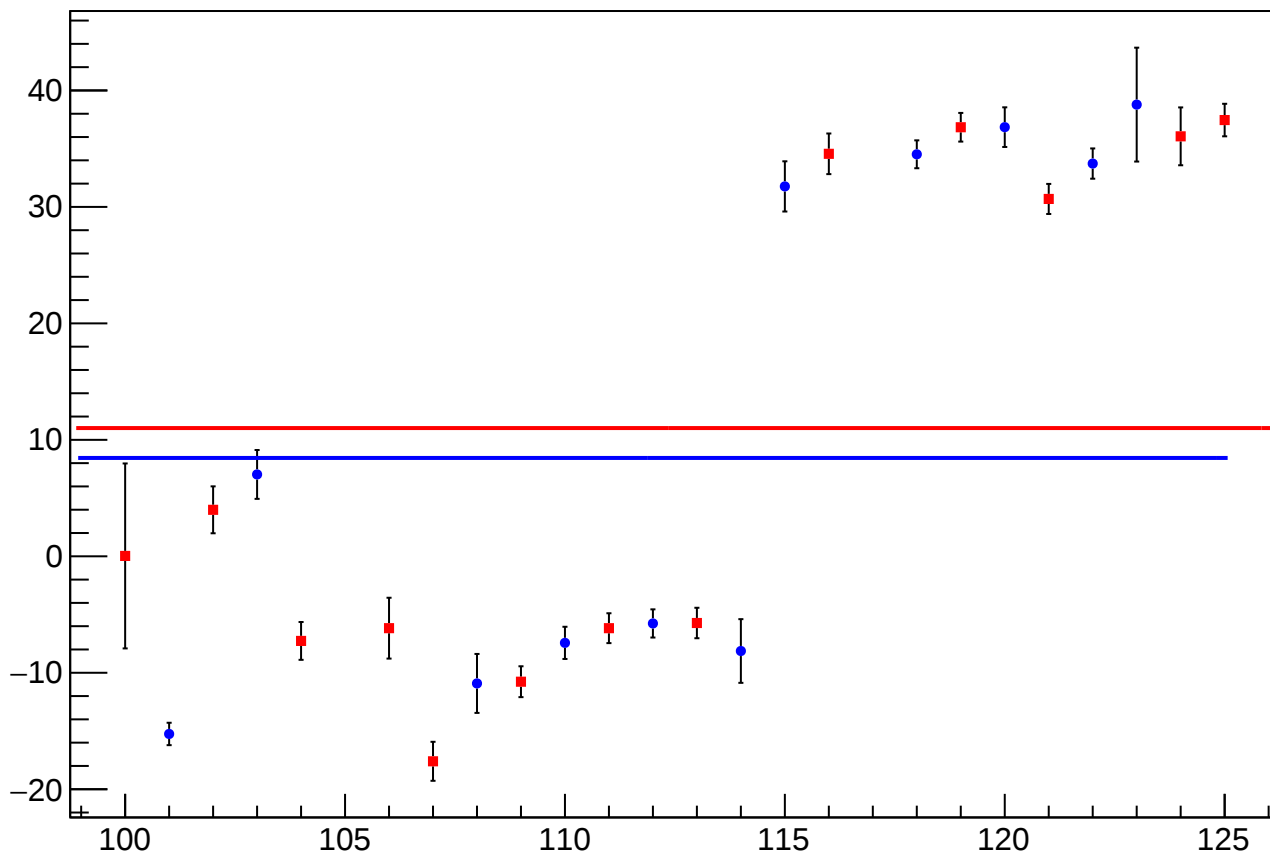
Right: -46.035 ± 0.480 χ^2/NDF : 778.3/23

In: -44.644 ± 0.713 χ^2/NDF : 374.9/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -46.035 ± 0.480 χ^2/NDF : 778.3/23

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.446+/-0.461 χ^2/NDF : 2260.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.012+/-0.440 χ^2/NDF : 2404.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

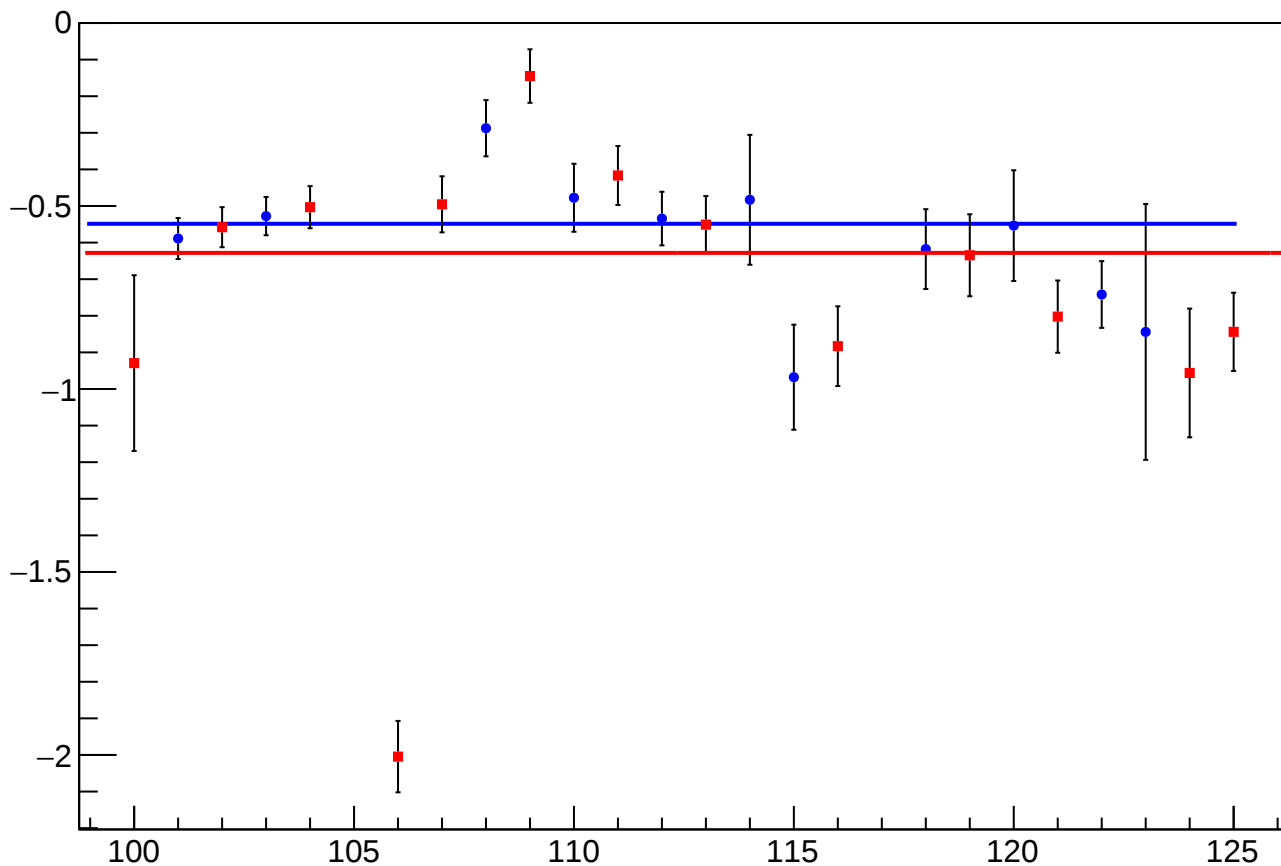
Right: 9.790+/-0.318 χ^2/NDF : 4681.4/23

In: 8.446+/-0.461 χ^2/NDF : 2260.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.790+/-0.318 χ^2/NDF : 4681.4/23

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.549+/-0.026 χ^2/NDF : 27.1/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.628+/-0.023 χ^2/NDF : 277.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

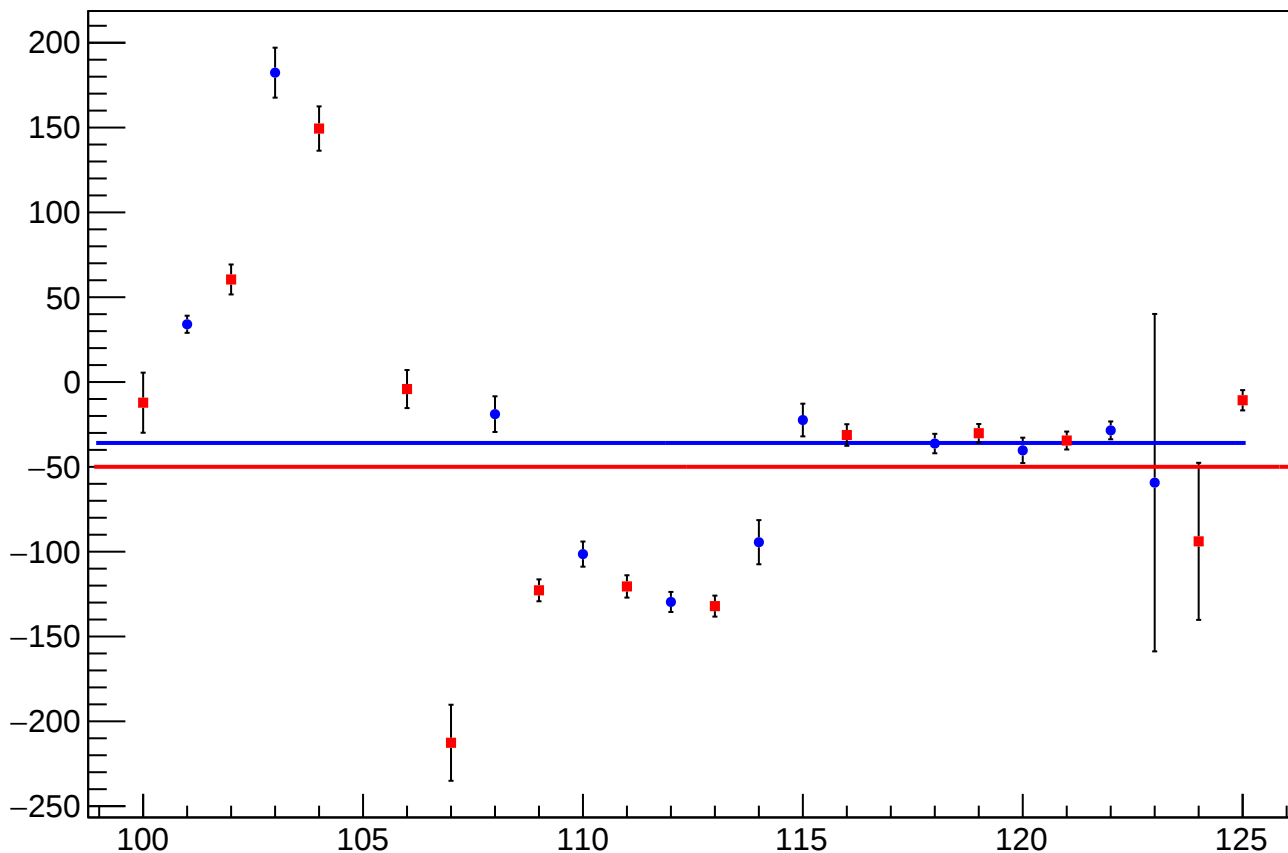
Right: -0.592+/-0.017 χ^2/NDF : 310.1/23

In: -0.549+/-0.026 χ^2/NDF :27.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.592+/-0.017 χ^2/NDF : 310.1/23

reg_asym_atl1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -35.911 ± 2.231 χ^2/NDF : 768.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -49.969 ± 2.095 χ^2/NDF : 955.4/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

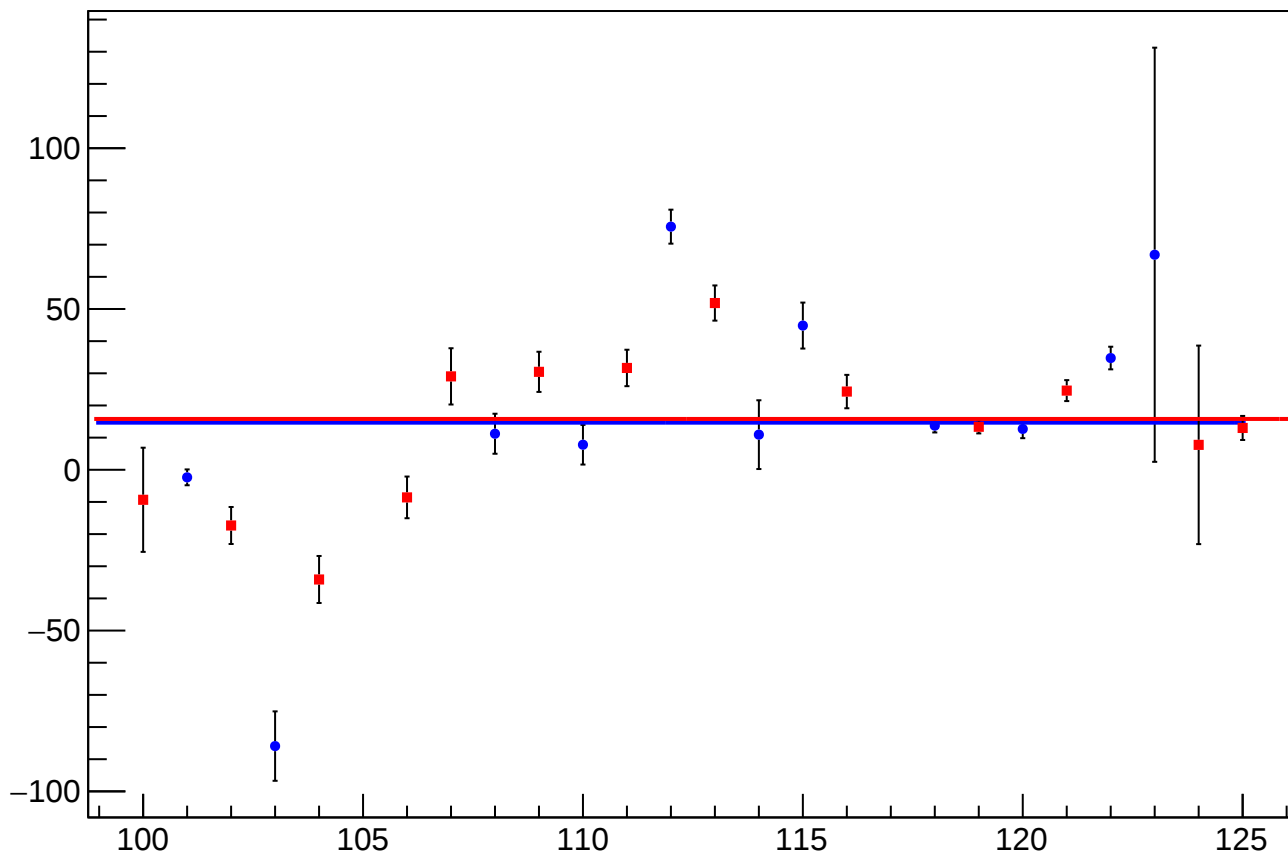
Right: -43.384 ± 1.527 χ^2/NDF : 1744.8/23

In: -35.911 ± 2.231 χ^2/NDF : 768.4/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -43.384 ± 1.527 χ^2/NDF : 1744.8/23

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.652+/-1.183 χ^2/NDF : 321.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.807+/-1.271 χ^2/NDF : 167.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

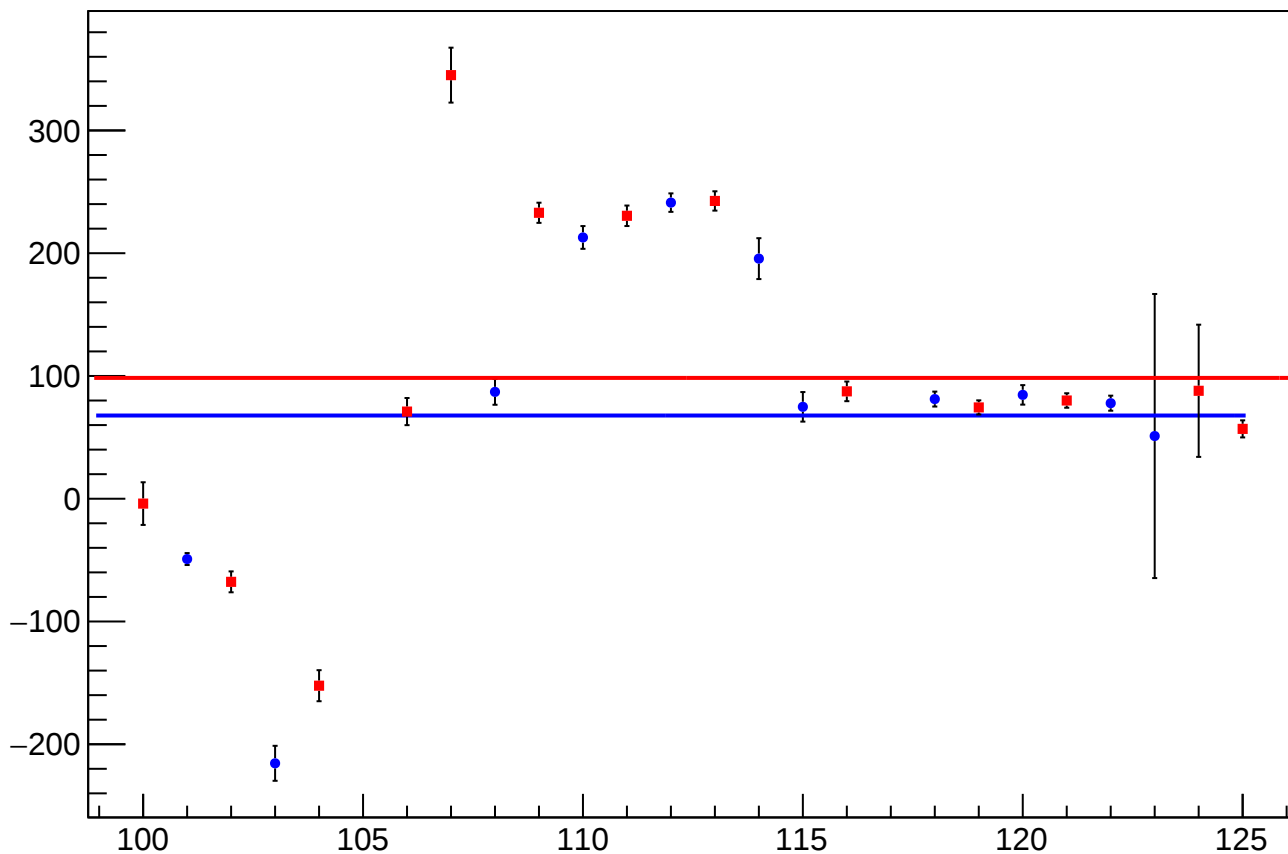
Right: 15.188+/-0.866 χ^2/NDF : 488.8/23

In: 14.652+/-1.183 χ^2/NDF : 321.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.188+/-0.866 χ^2/NDF : 488.8/23

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 67.786+/-2.458 χ^2 /NDF: 1823.5/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 98.422+/-2.394 χ^2 /NDF: 1854.6/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

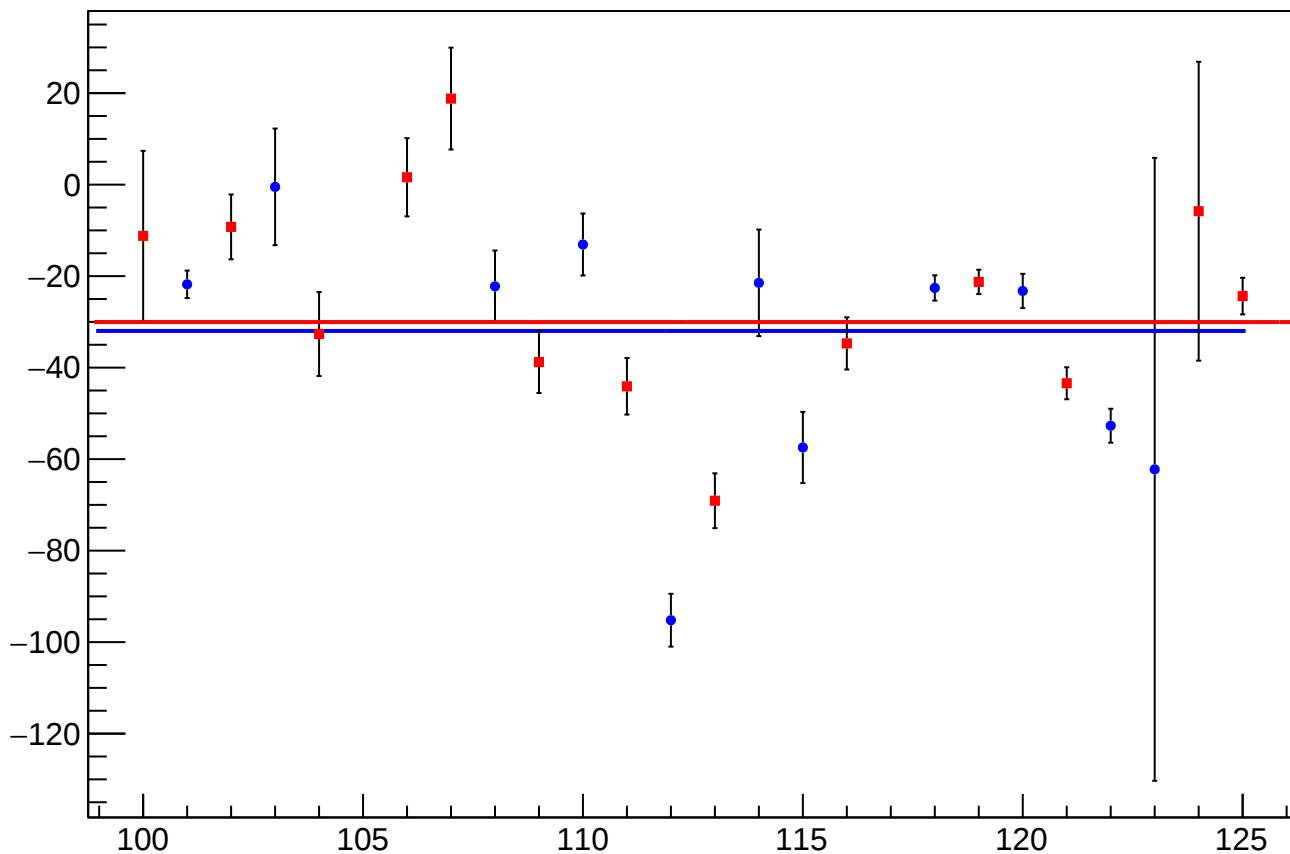
Right: 83.504+/-1.715 χ^2 /NDF: 3757.8/23

In: 67.786+/-2.458 χ^2 /NDF:1823.5/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 83.504+/-1.715 χ^2 /NDF: 3757.8/23

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -31.981 ± 1.436 χ^2/NDF : 206.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -30.034 ± 1.490 χ^2/NDF : 120.8/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

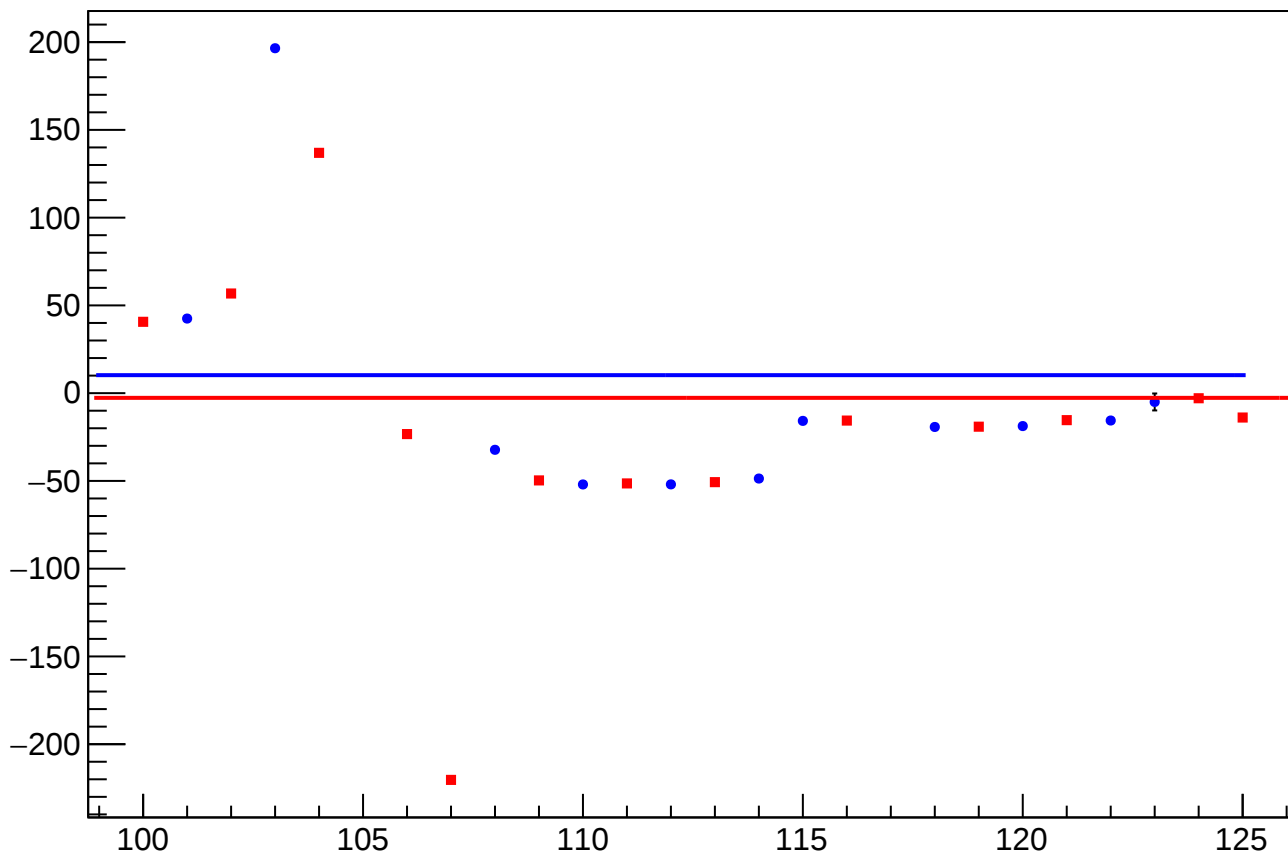
Right: -31.043 ± 1.034 χ^2/NDF : 328.5/23

In: -31.981 ± 1.436 χ^2/NDF : 206.8/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.043 ± 1.034 χ^2/NDF : 328.5/23

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.256 ± 0.092 $\chi^2/\text{NDF}: 496316.1/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -2.672 ± 0.089 $\chi^2/\text{NDF}: 525615.6/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

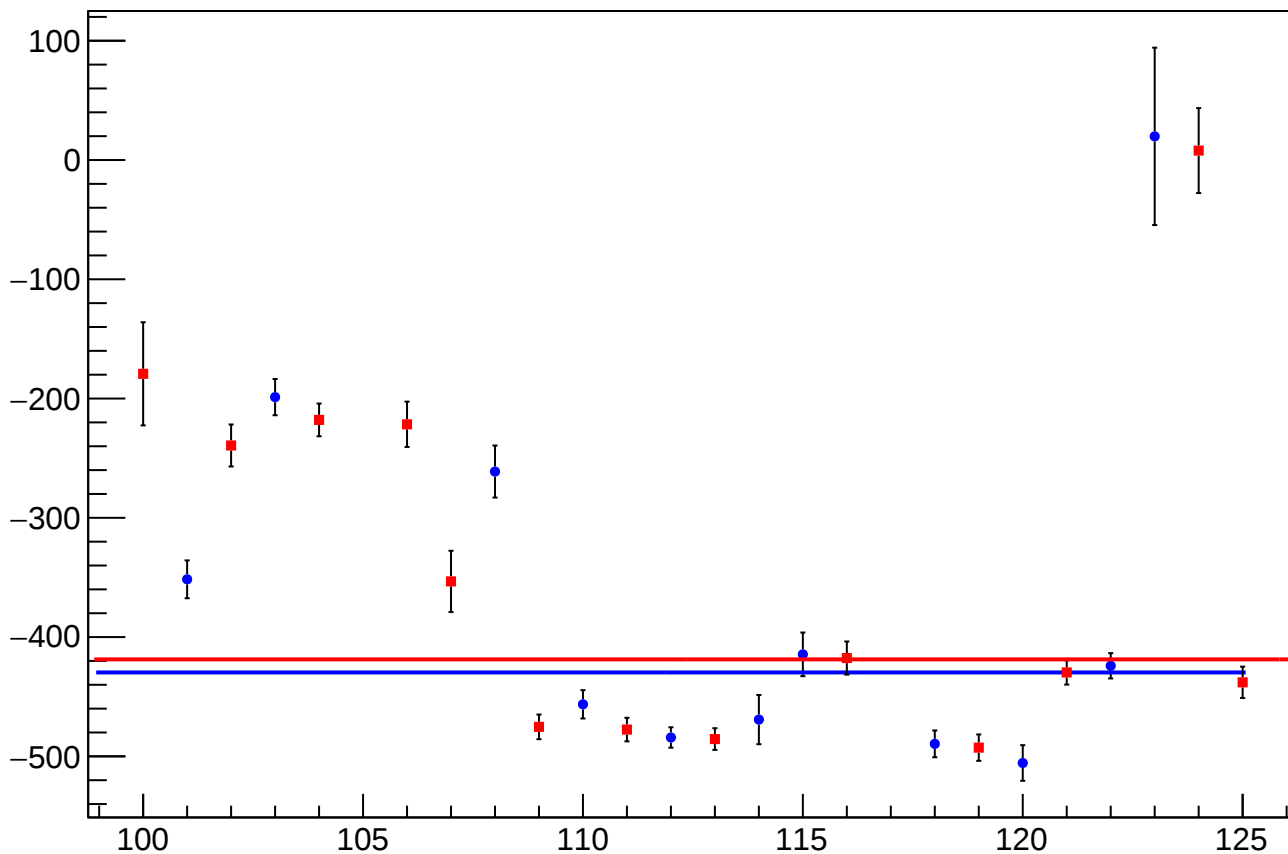
Right: 3.588 ± 0.064 $\chi^2/\text{NDF}: 1032141.2/23$

In: 10.256 ± 0.092 $\chi^2/\text{NDF}: 496316.1/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 3.588 ± 0.064 $\chi^2/\text{NDF}: 1032141.2/23$

reg_asym_atl2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -429.662+/-4.153 χ^2/NDF : 456.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -418.706+/-3.663 χ^2/NDF : 773.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

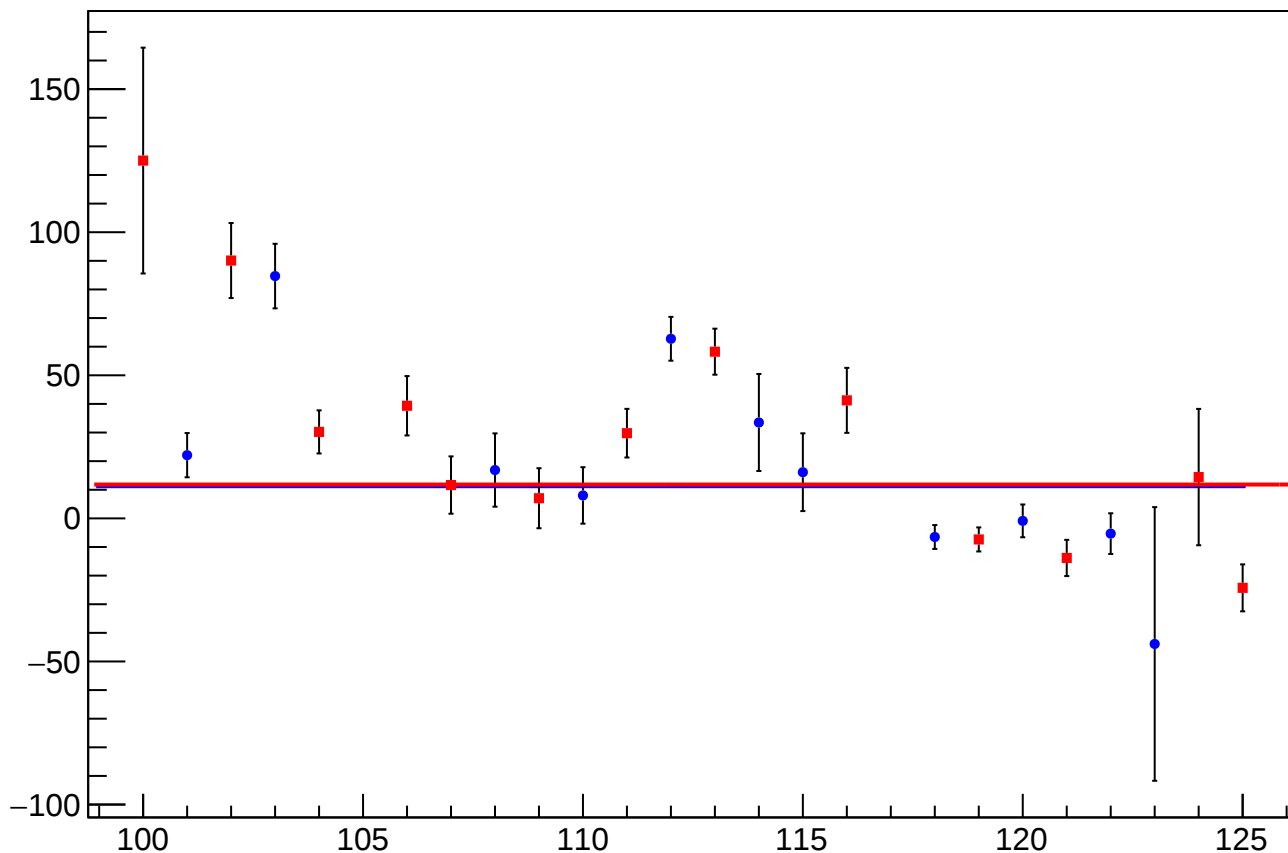
Right: -423.500+/-2.747 χ^2/NDF : 1233.3/23

In: -429.662+/-4.153 χ^2/NDF : 456.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -423.500+/-2.747 χ^2/NDF : 1233.3/23

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.242+/-2.389 χ^2/NDF : 121.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.824+/-2.308 χ^2/NDF : 158.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

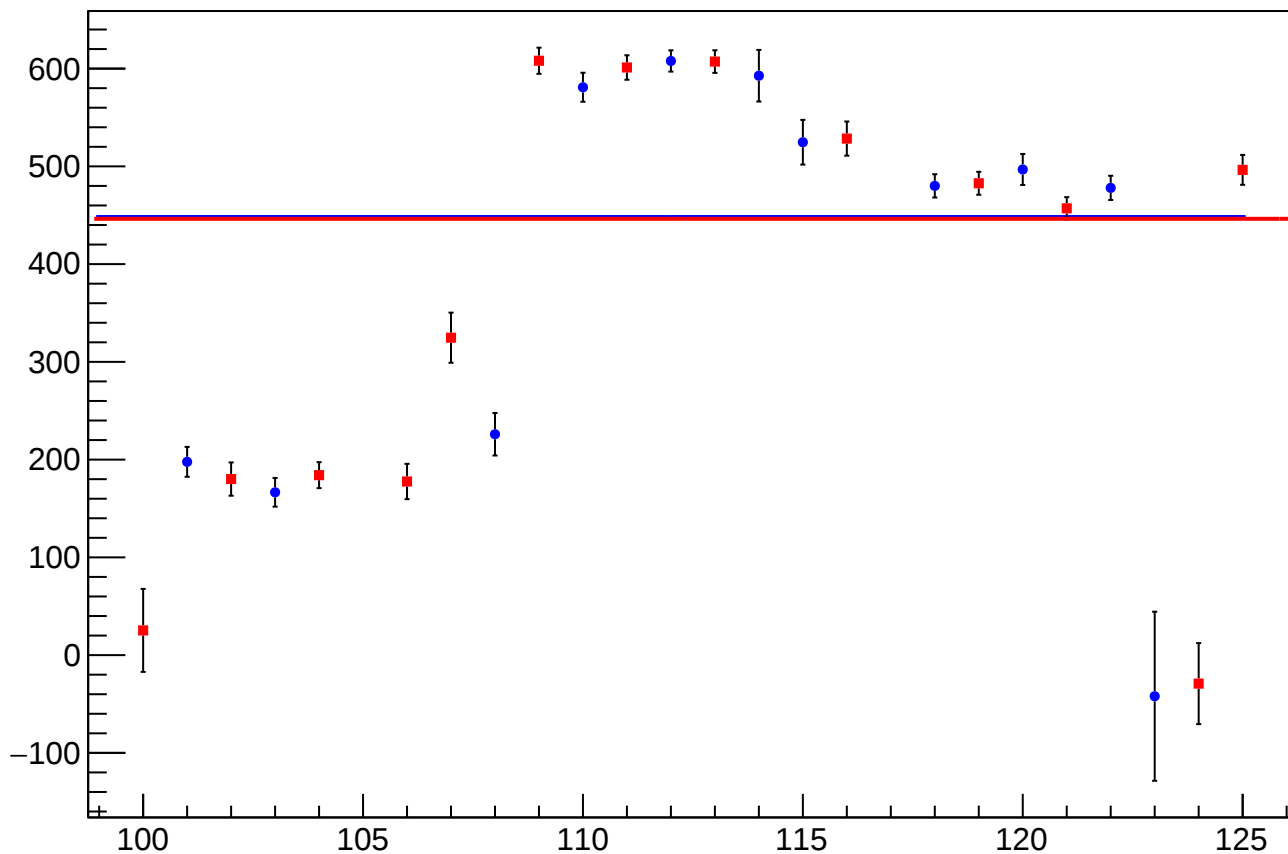
Right: 11.543+/-1.660 χ^2/NDF : 279.4/23

In: 11.242+/-2.389 χ^2/NDF : 121.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.543+/-1.660 χ^2/NDF : 279.4/23

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 448.162 $\pm$ 4.712 χ^2 /NDF: 1131.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 446.354 $\pm$ 4.198 χ^2 /NDF: 1643.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

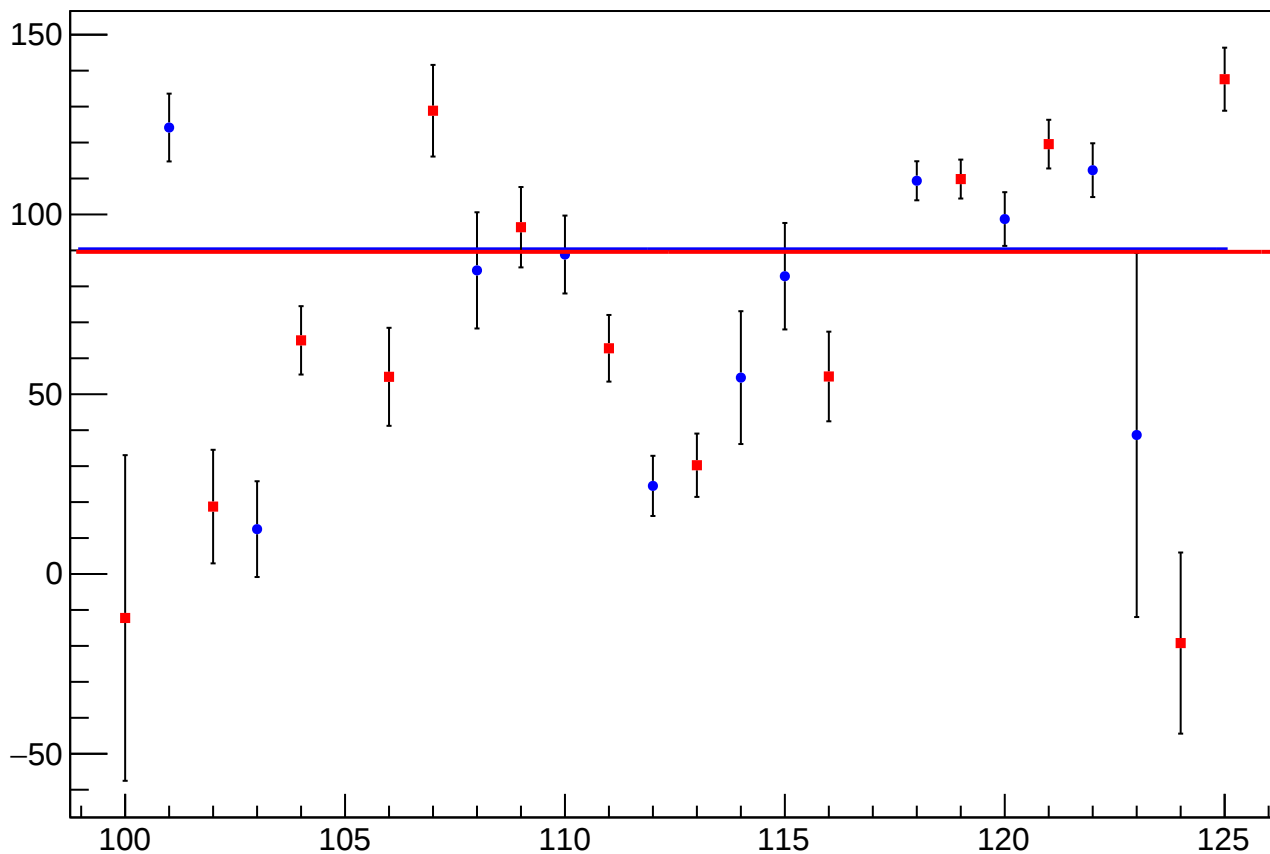
Right: 447.154 $\pm$ 3.134 χ^2 /NDF: 2774.6/23

In: 448.162 $\pm$ 4.712 χ^2 /NDF:1131.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 447.154 $\pm$ 3.134 χ^2 /NDF: 2774.6/23

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 90.299+/-2.874 χ^2/NDF : 136.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.604+/-2.706 χ^2/NDF : 192.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

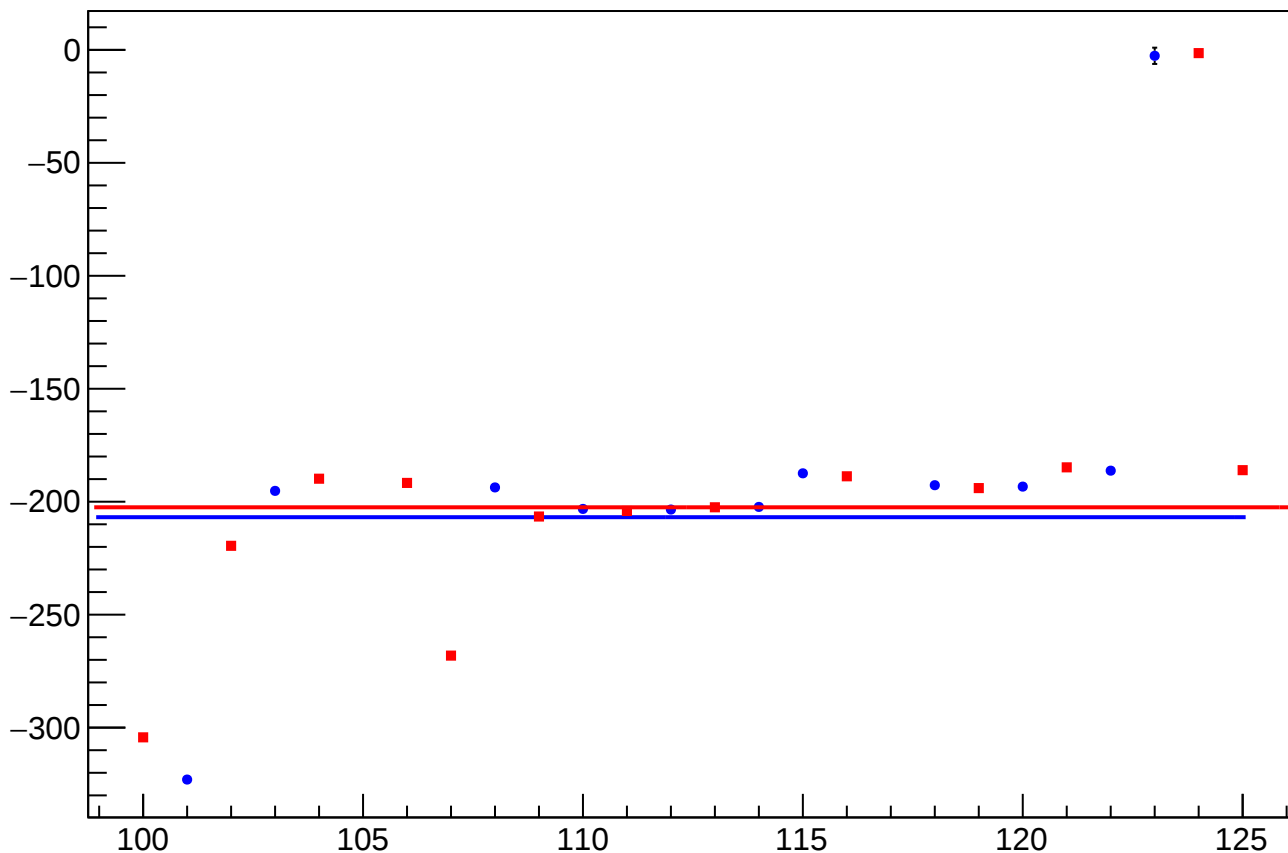
Right: 89.931+/-1.970 χ^2/NDF : 328.3/23

In: 90.299+/-2.874 χ^2/NDF : 136.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.931+/-1.970 χ^2/NDF : 328.3/23

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -206.856+/-0.171 χ^2 /NDF: 52886.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -202.476+/-0.152 χ^2 /NDF: 36713.7/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

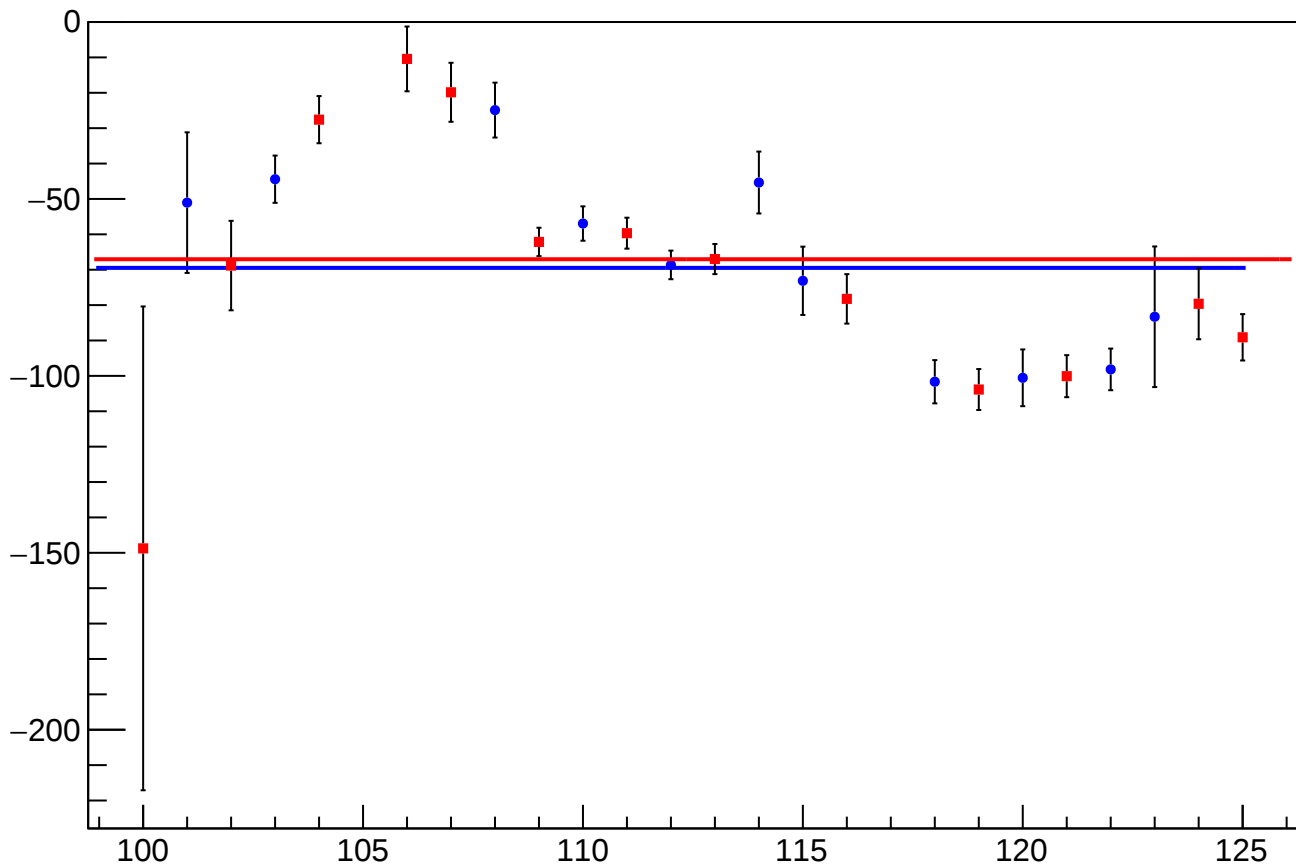
Right: -204.407+/-0.114 χ^2 /NDF: 89966.4/23

In: -206.856+/-0.171 χ^2 /NDF:52886.8/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -204.407+/-0.114 χ^2 /NDF: 89966.4/23

reg_asym_atr1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -69.478+/-2.029 χ^2/NDF : 129.4/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -67.035+/-1.723 χ^2/NDF : 198.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

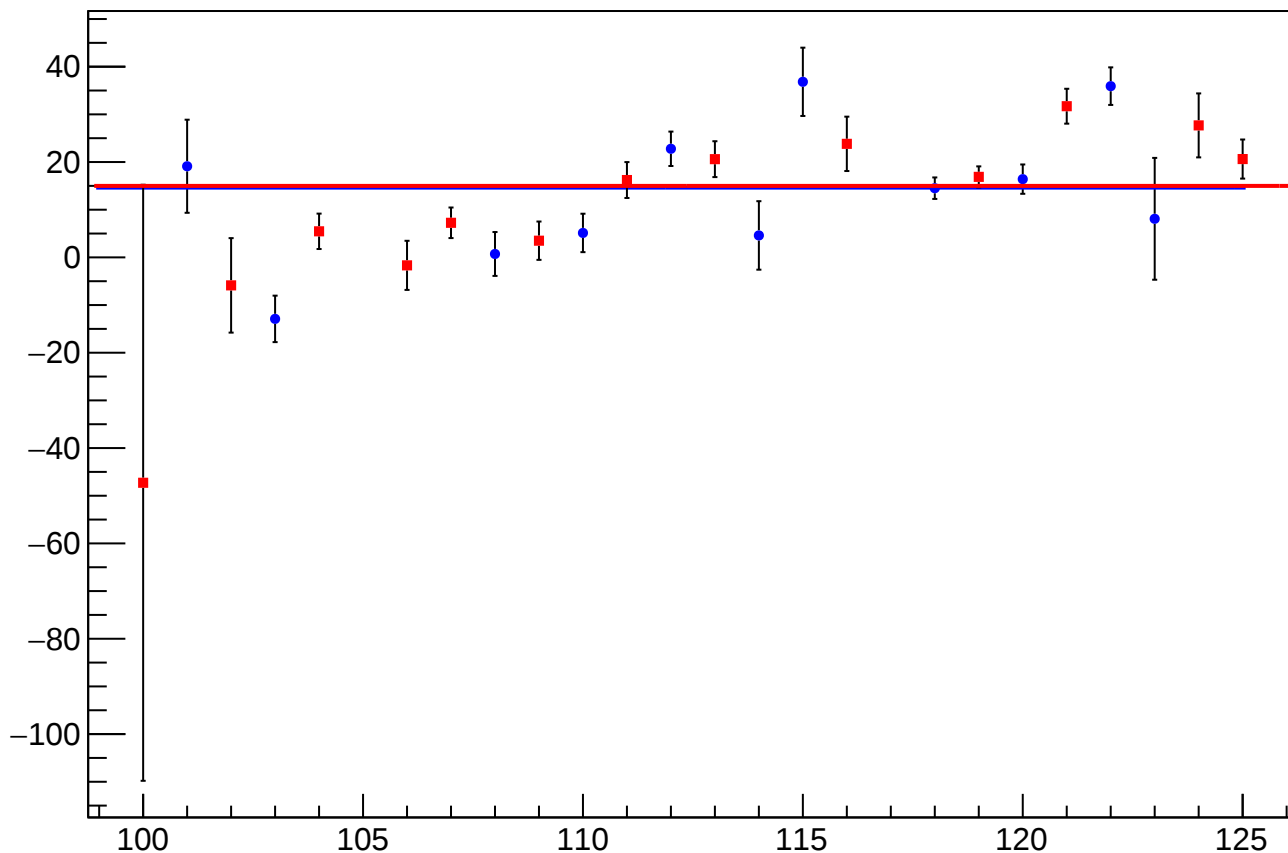
Right: -68.059+/-1.314 χ^2/NDF : 328.2/23

In: -69.478+/-2.029 χ^2/NDF :129.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -68.059+/-1.314 χ^2/NDF : 328.2/23

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.639+/-1.240 χ^2 /NDF: 93.3/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 14.993+/-1.108 χ^2 /NDF: 68.3/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

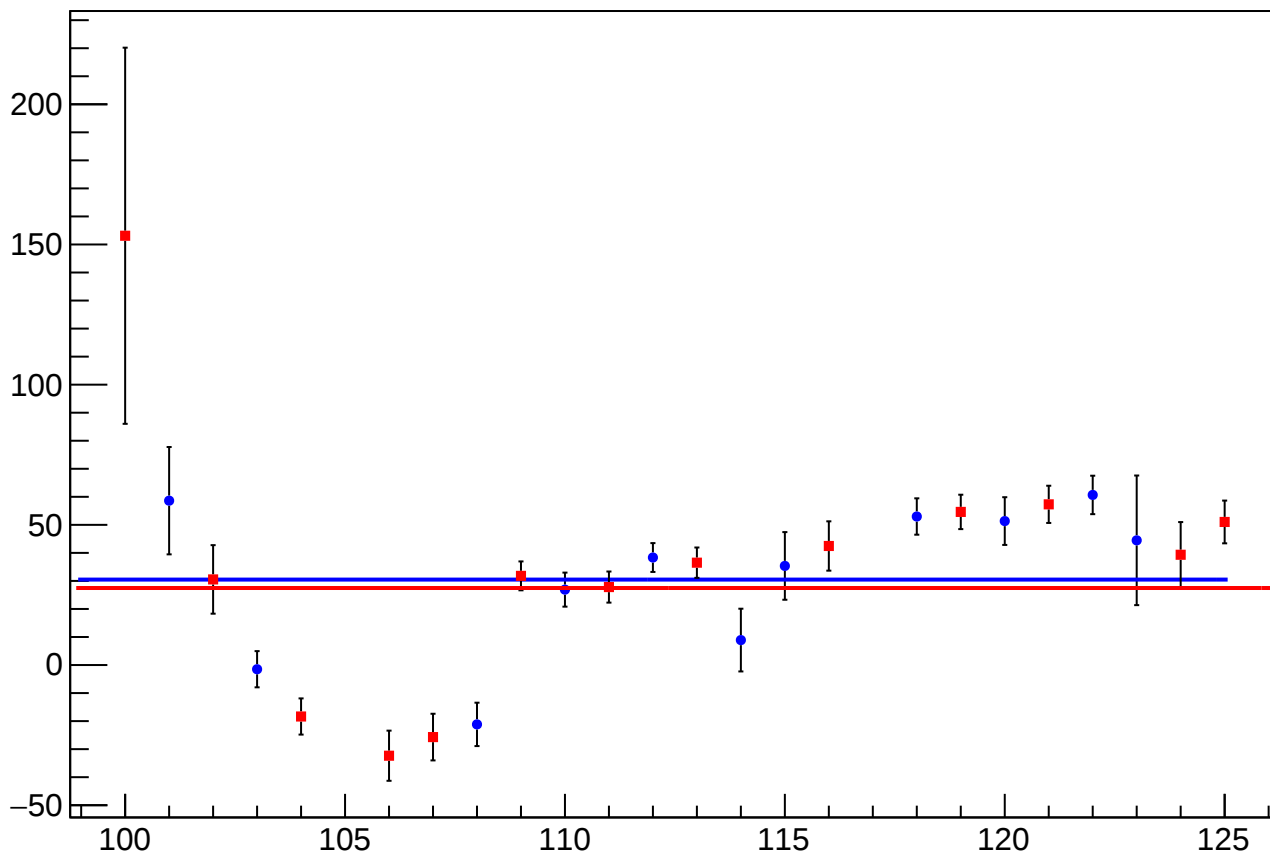
Right: 14.836+/-0.826 χ^2 /NDF: 161.6/23

In: 14.639+/-1.240 χ^2 /NDF:93.3/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 14.836+/-0.826 χ^2 /NDF: 161.6/23

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 30.477+/-2.332 χ^2/NDF : 115.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.474+/-2.004 χ^2/NDF : 196.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

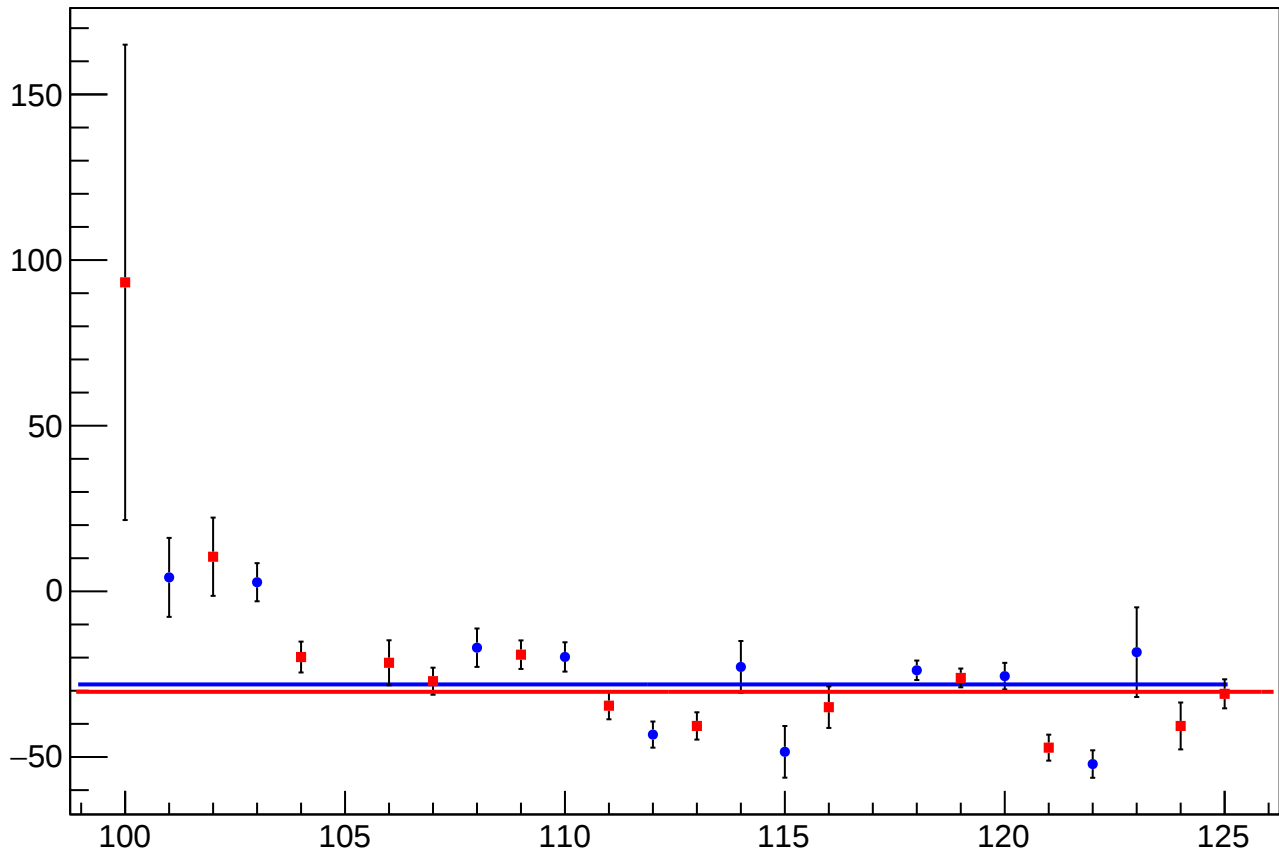
Right: 28.750+/-1.520 χ^2/NDF : 312.9/23

In: 30.477+/-2.332 χ^2/NDF : 115.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.750+/-1.520 χ^2/NDF : 312.9/23

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -28.093+/-1.480 χ^2/NDF : 101.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.322+/-1.297 χ^2/NDF : 59.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

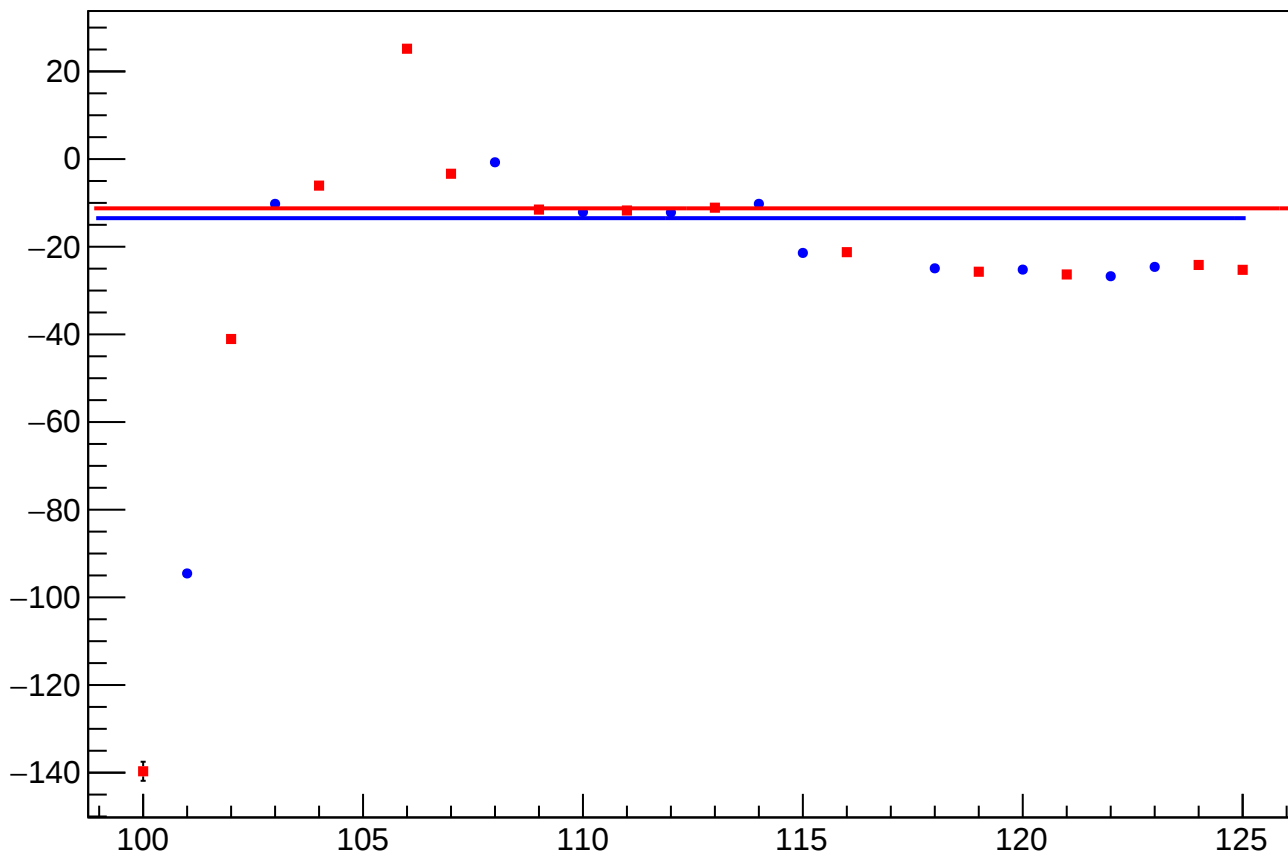
Right: -29.353+/-0.975 χ^2/NDF : 162.8/23

In: -28.093+/-1.480 χ^2/NDF : 101.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.353+/-0.975 χ^2/NDF : 162.8/23

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -13.483+/-0.081 χ^2/NDF : 25164.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.240+/-0.072 χ^2/NDF : 49349.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

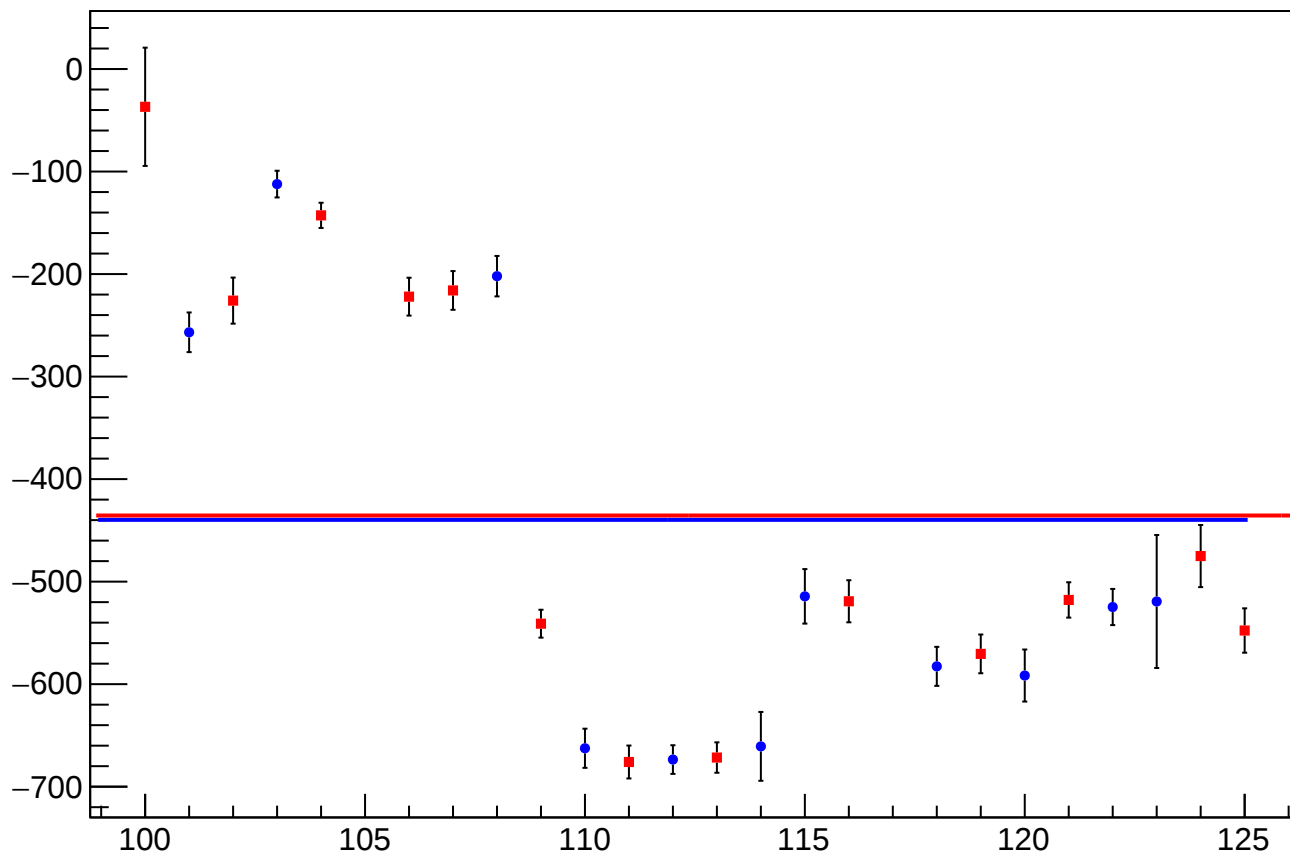
Right: -12.230+/-0.054 χ^2/NDF : 74945.1/23

In: -13.483+/-0.081 χ^2/NDF : 25164.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.230+/-0.054 χ^2/NDF : 74945.1/23

reg_asym_atr2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -439.734+/-5.865 χ^2/NDF : 1451.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -435.497+/-4.986 χ^2/NDF : 1627.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

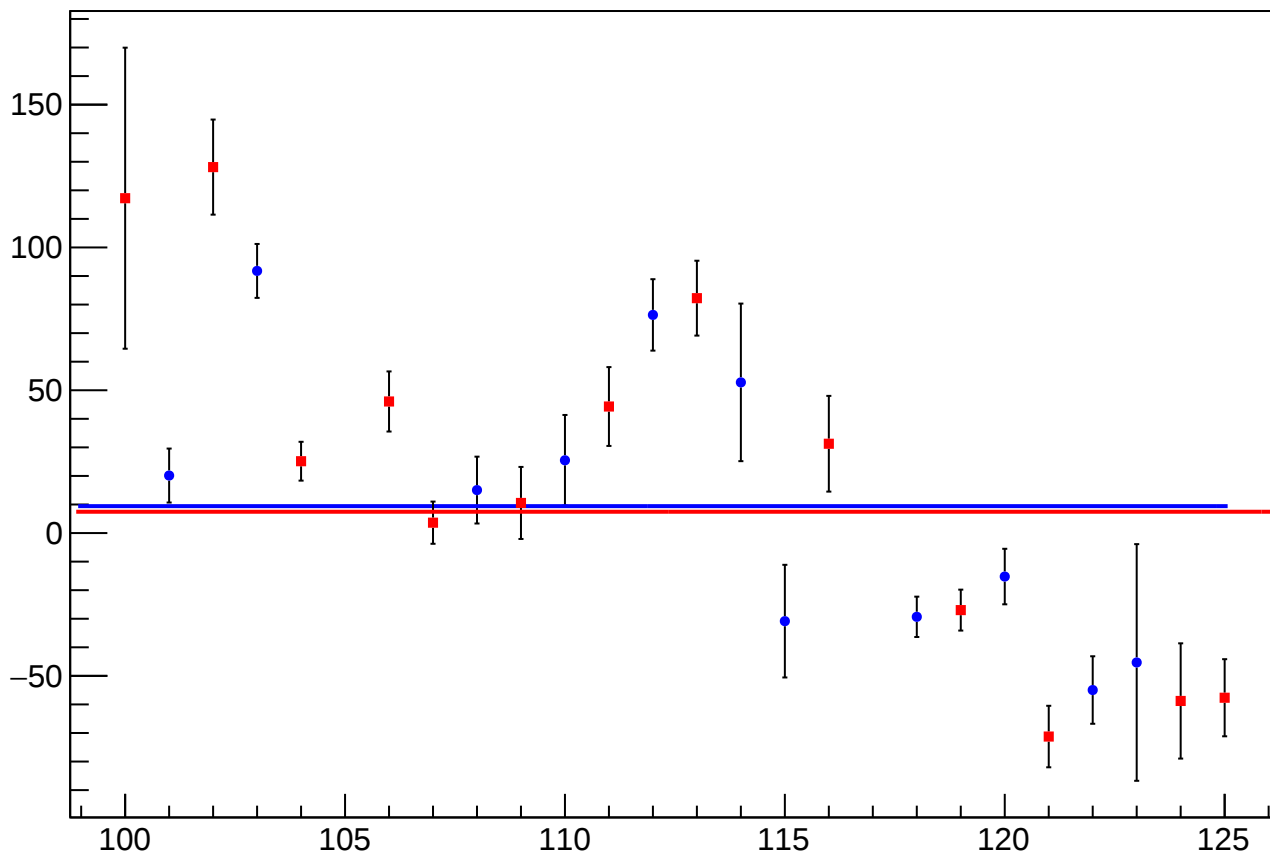
Right: -437.275+/-3.799 χ^2/NDF : 3079.8/23

In: -439.734+/-5.865 χ^2/NDF : 1451.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -437.275+/-3.799 χ^2/NDF : 3079.8/23

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.423+/-3.484 χ^2/NDF : 181.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 7.463+/-3.016 χ^2/NDF : 229.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

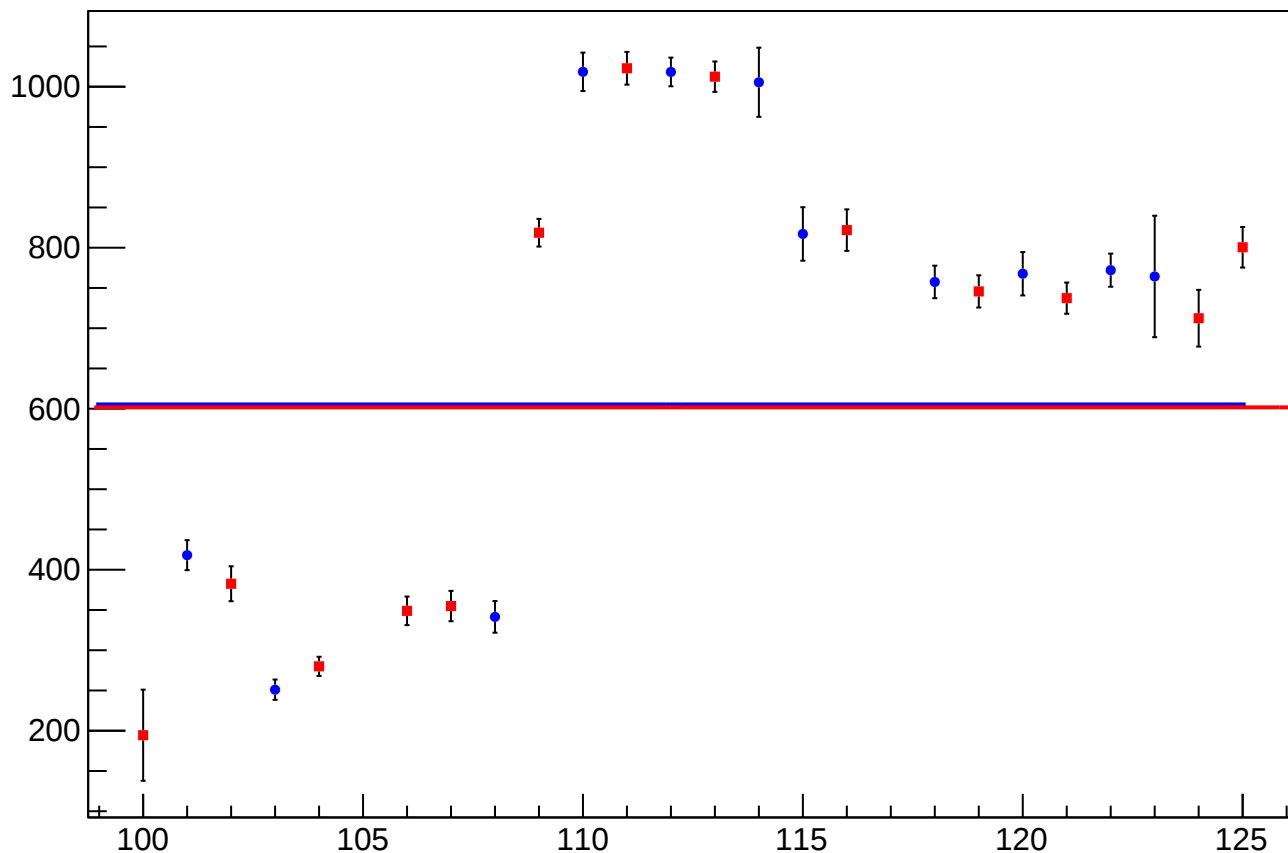
Right: 8.303+/-2.280 χ^2/NDF : 411.8/23

In: 9.423+/-3.484 χ^2/NDF :181.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 8.303+/-2.280 χ^2/NDF : 411.8/23

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 605.309+/-6.388 χ^2/NDF : 2201.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 601.683+/-5.494 χ^2/NDF : 2566.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

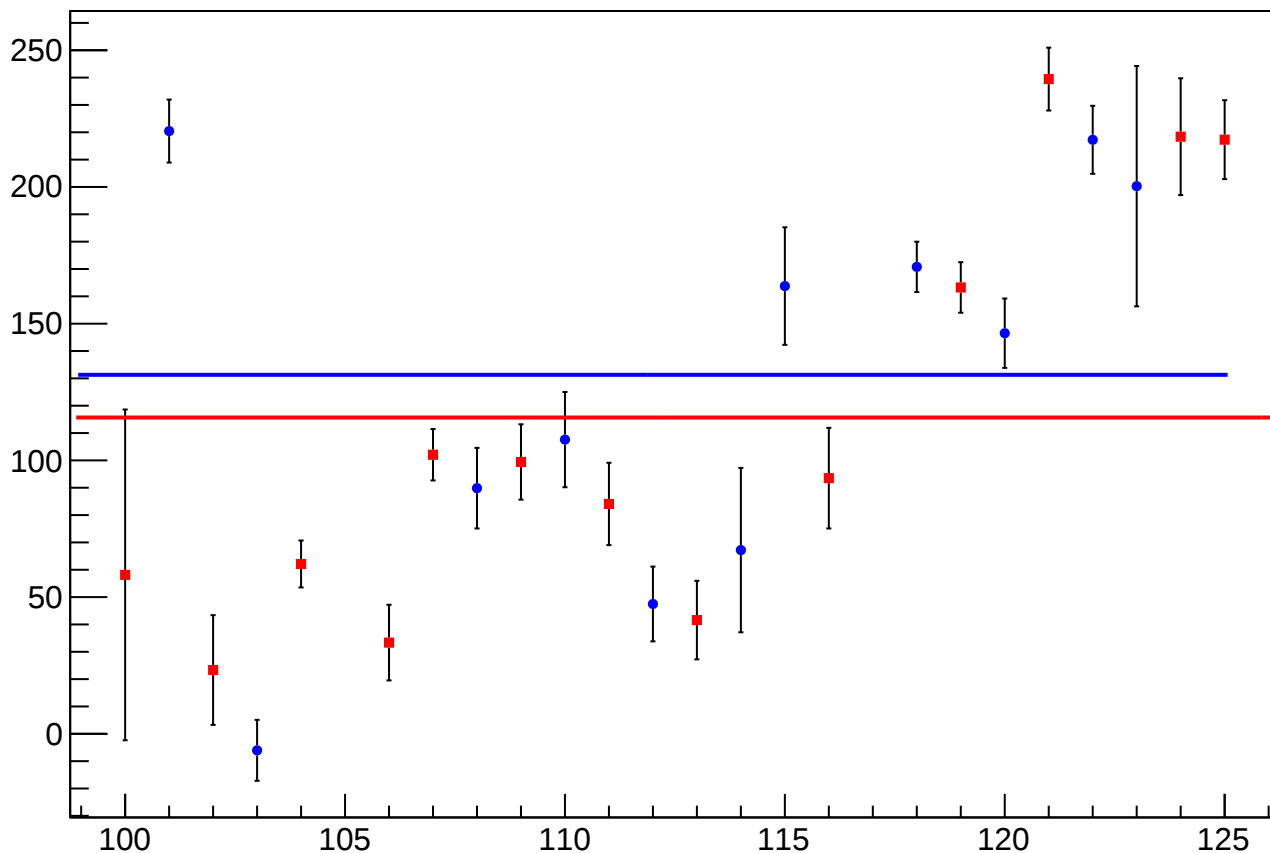
Right: 603.225+/-4.166 χ^2/NDF : 4768.0/23

In: 605.309+/-6.388 χ^2/NDF : 2201.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 603.225+/-4.166 χ^2/NDF : 4768.0/23

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 131.298+/-4.185 χ^2/NDF : 335.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 115.680+/-3.612 χ^2/NDF : 347.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

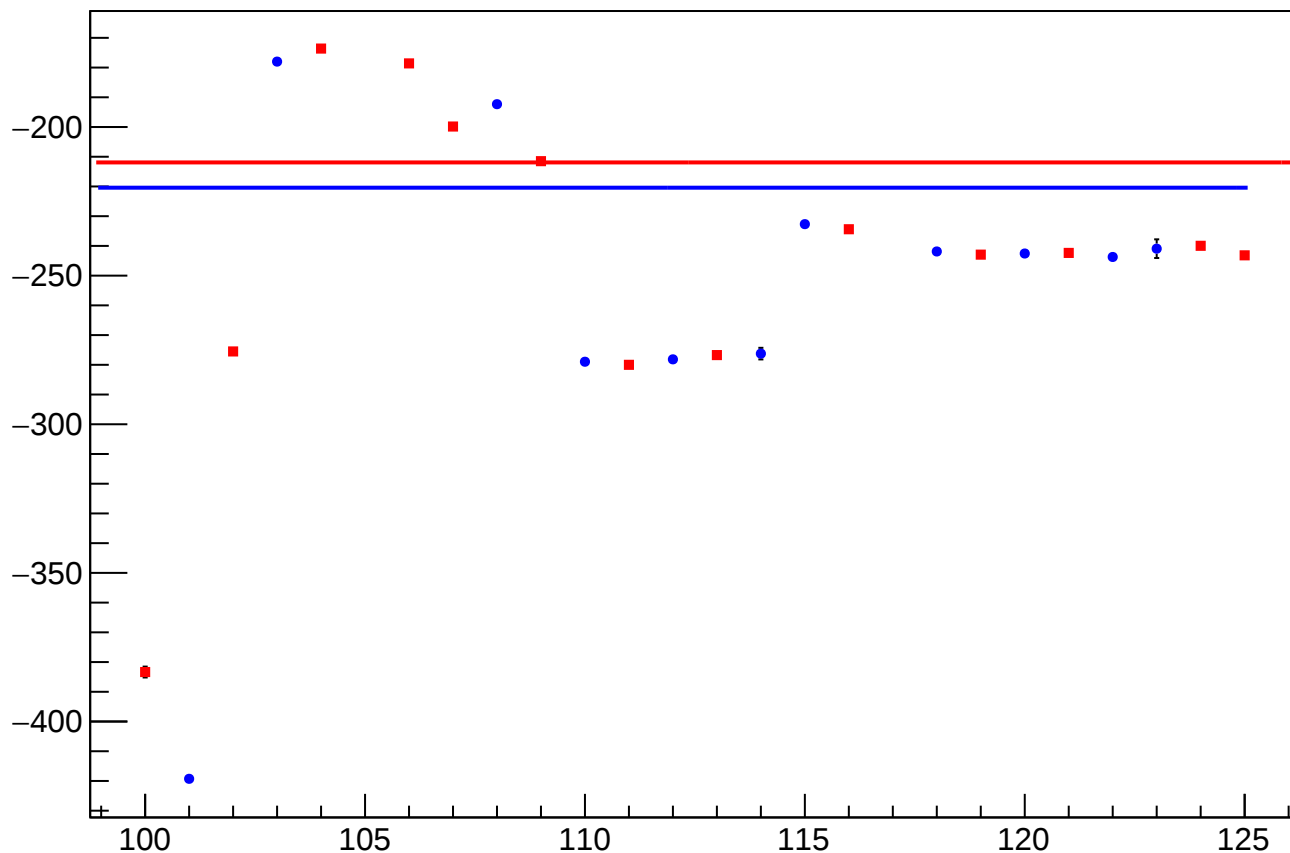
Right: 122.346+/-2.734 χ^2/NDF : 691.6/23

In: 131.298+/-4.185 χ^2/NDF :335.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 122.346+/-2.734 χ^2/NDF : 691.6/23

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -220.413+/-0.195 χ^2/NDF : 124566.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -211.915+/-0.173 χ^2/NDF : 60545.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

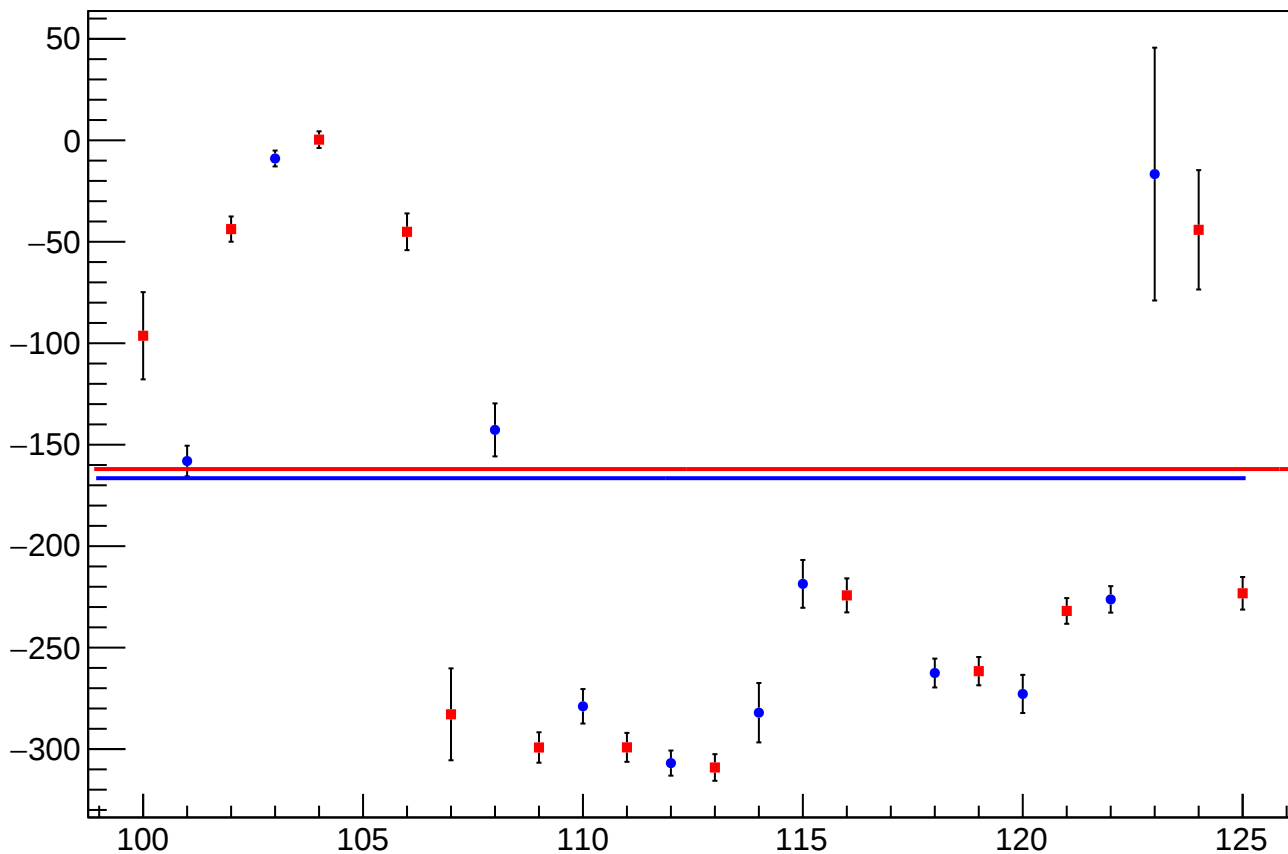
Right: -215.650+/-0.129 χ^2/NDF : 186176.0/23

In: -220.413+/-0.195 χ^2/NDF : 124566.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -215.650+/-0.129 χ^2/NDF : 186176.0/23

reg_asym_atl_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -166.509+/-2.263 χ^2/NDF : 2797.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -162.003+/-2.047 χ^2/NDF : 3794.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

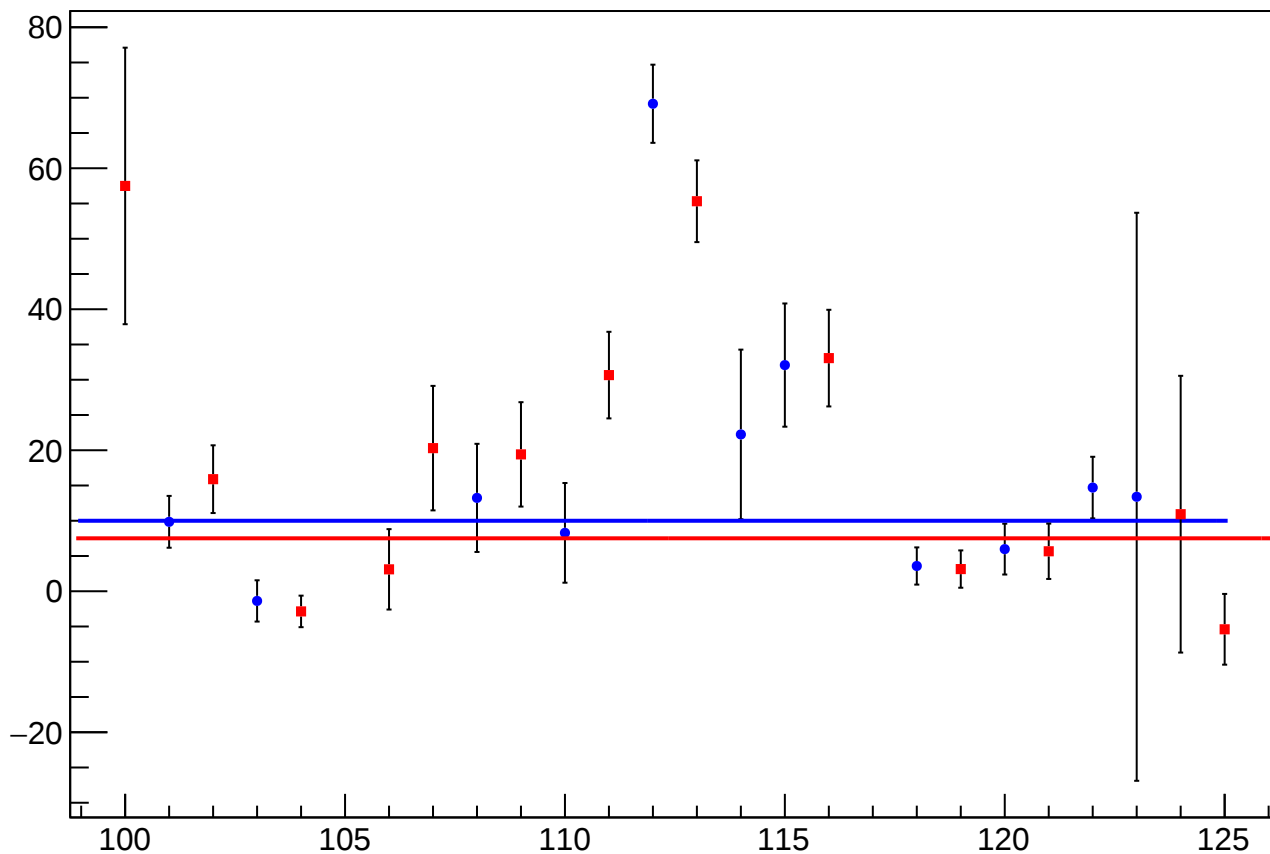
Right: -164.031+/-1.518 χ^2/NDF : 6593.7/23

In: -166.509+/-2.263 χ^2/NDF : 2797.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -164.031+/-1.518 χ^2/NDF : 6593.7/23

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.998+/-1.344 χ^2/NDF : 144.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.509+/-1.255 χ^2/NDF : 142.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

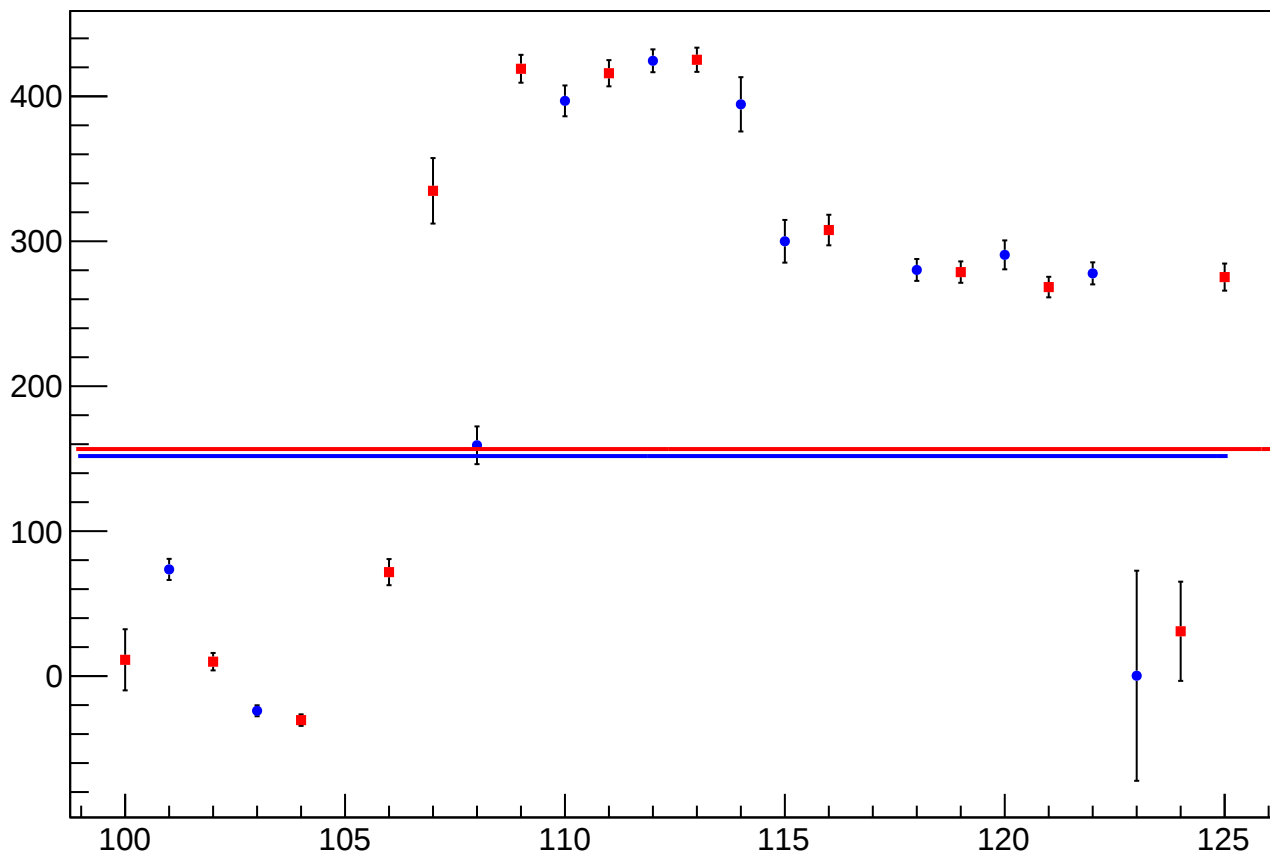
Right: 8.668+/-0.917 χ^2/NDF : 288.8/23

In: 9.998+/-1.344 χ^2/NDF : 144.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.668+/-0.917 χ^2/NDF : 288.8/23

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 151.803+/-2.410 χ^2/NDF : 5031.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.645+/-2.212 χ^2/NDF : 6513.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

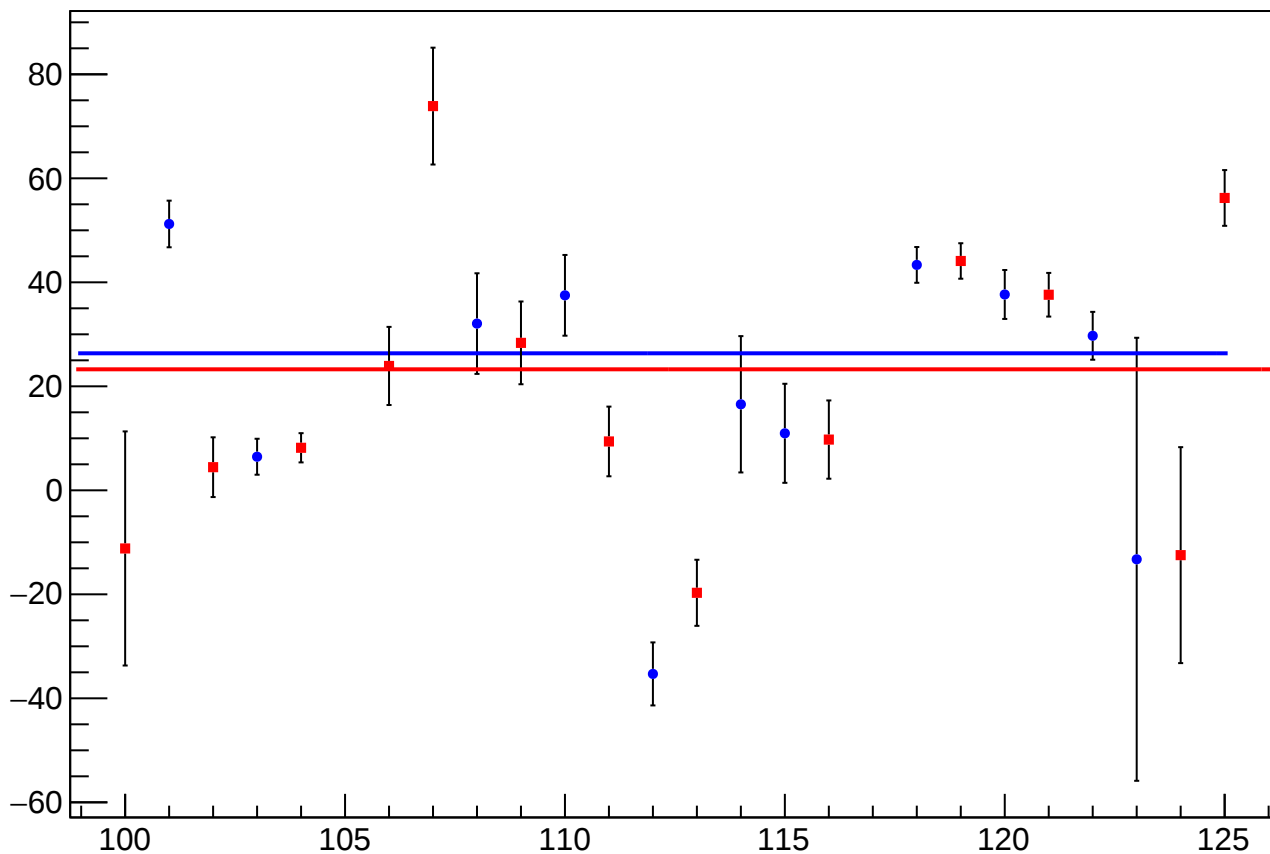
Right: 154.432+/-1.630 χ^2/NDF : 11547.4/23

In: 151.803+/-2.410 χ^2/NDF : 5031.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.432+/-1.630 χ^2/NDF : 11547.4/23

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 26.349+/-1.617 χ^2/NDF : 204.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.270+/-1.499 χ^2/NDF : 205.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

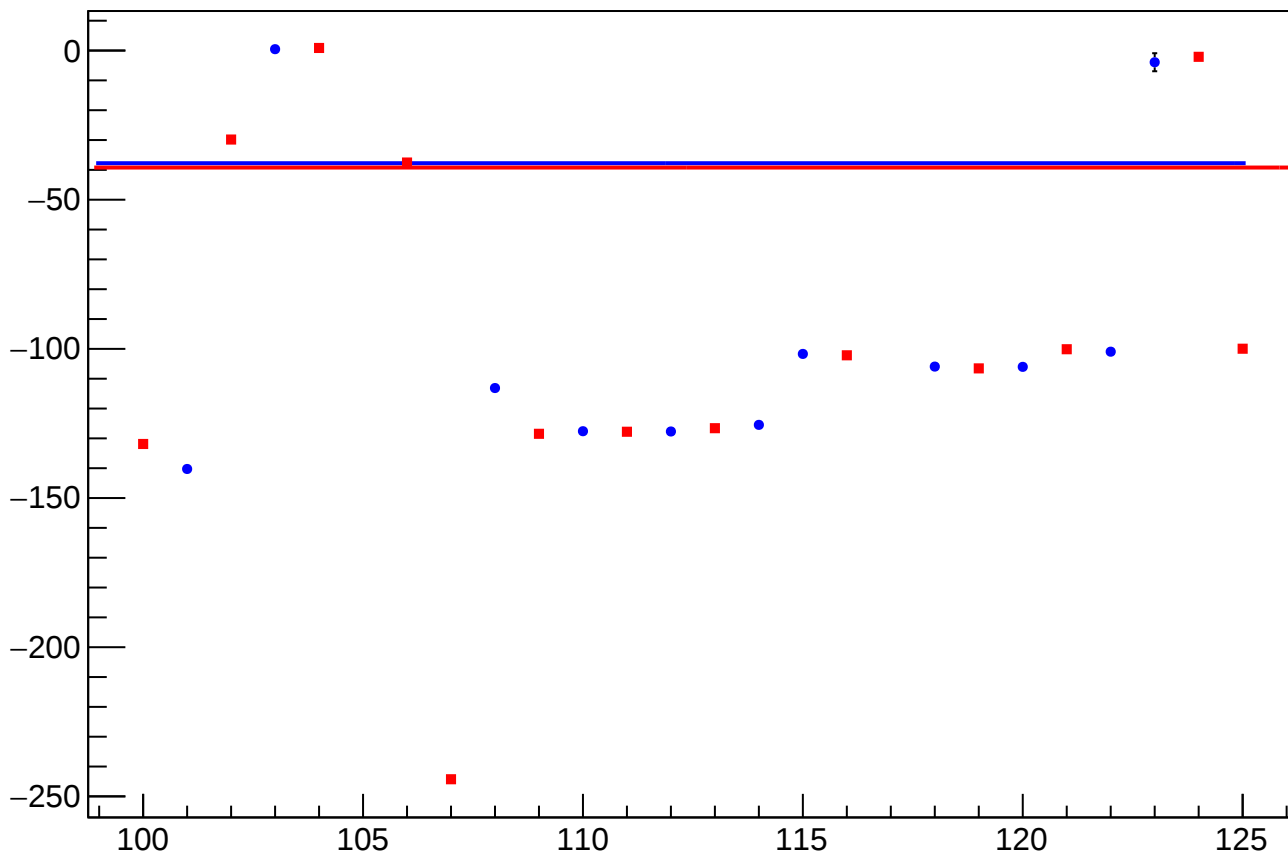
Right: 24.693+/-1.100 χ^2/NDF : 412.1/23

In: 26.349+/-1.617 χ^2/NDF : 204.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.693+/-1.100 χ^2/NDF : 412.1/23

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -37.769+/-0.070 χ^2/NDF : 643298.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -39.218+/-0.066 χ^2/NDF : 607543.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

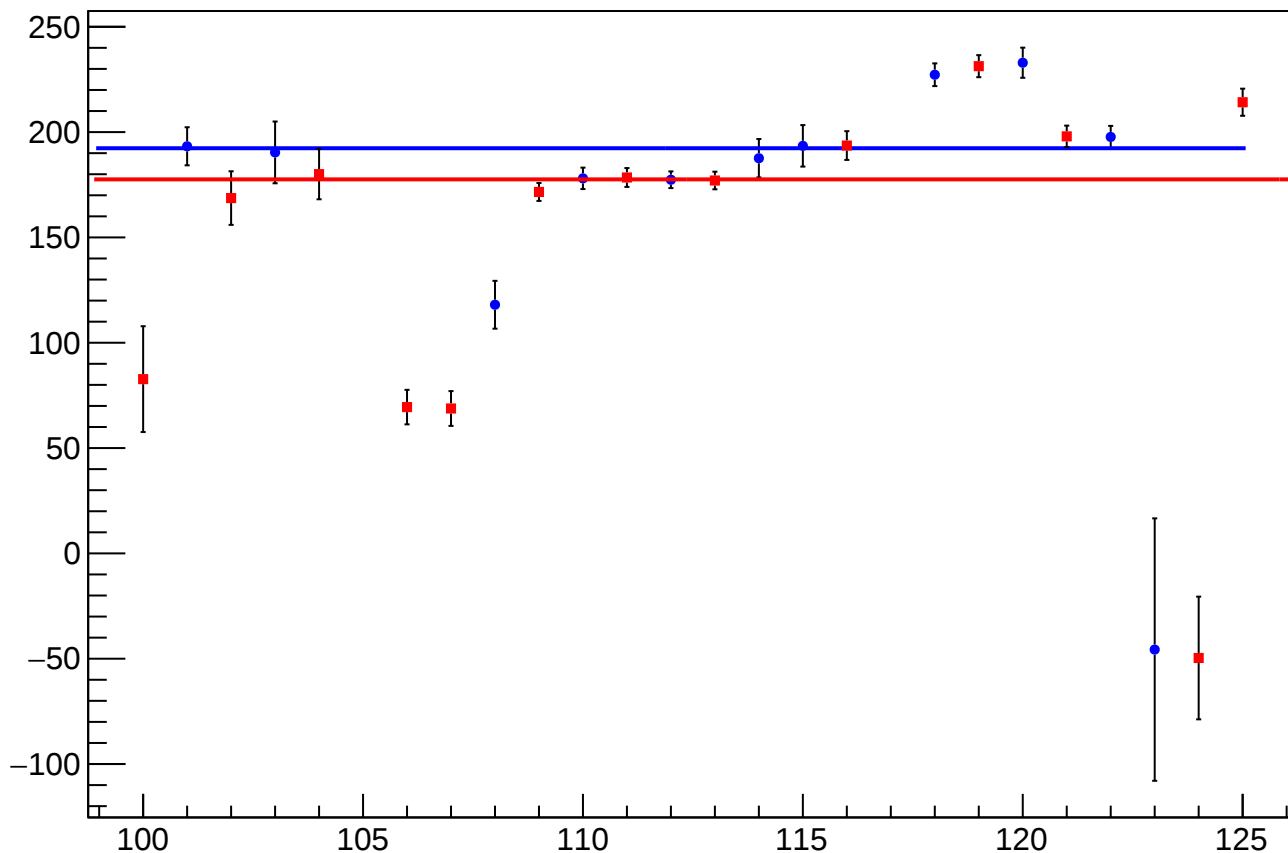
Right: -38.534+/-0.048 χ^2/NDF : 1251069.6/23

In: -37.769+/-0.070 χ^2/NDF : 643298.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.534+/-0.048 χ^2/NDF : 1251069.6/23

reg_asym_atl_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 192.343 ± 2.041 χ^2/NDF : 155.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 177.559 ± 1.745 χ^2/NDF : 584.8/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

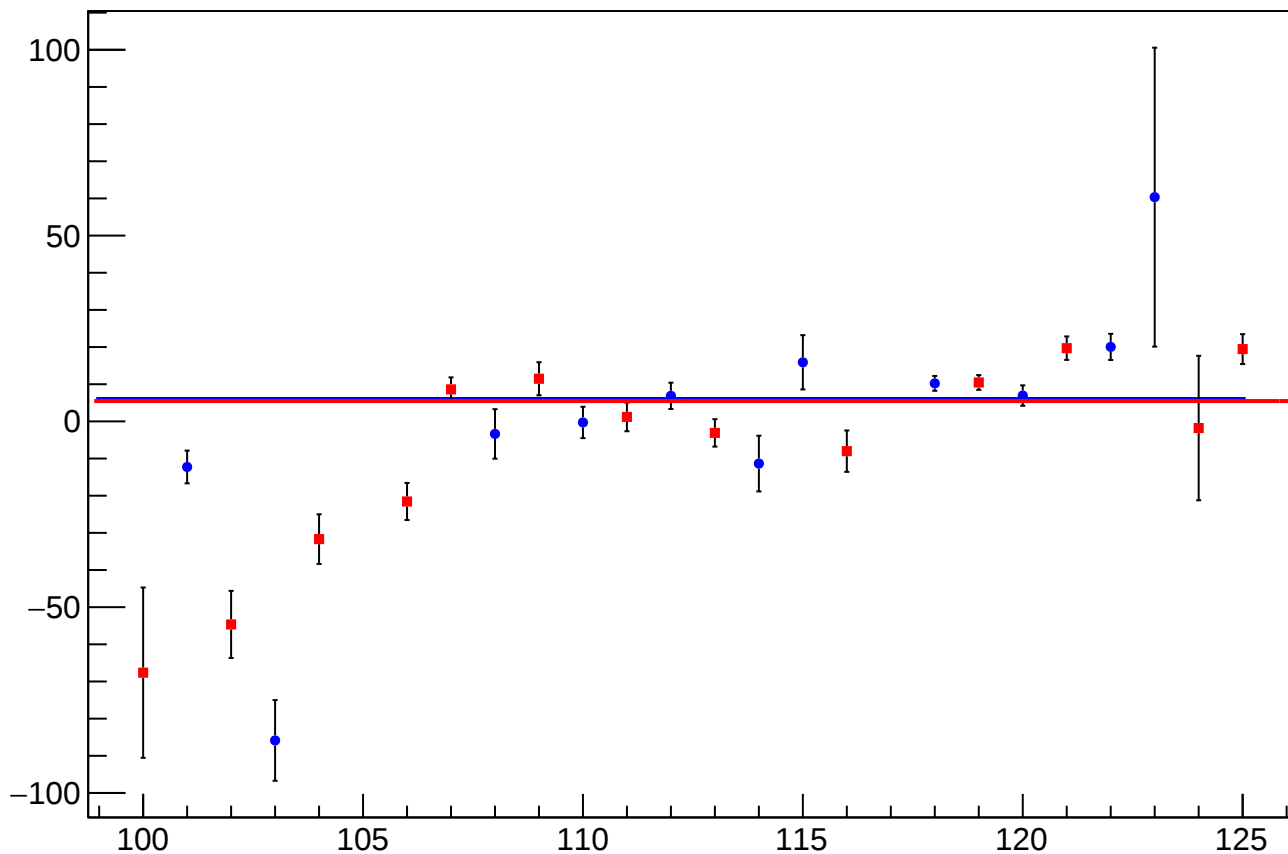
Right: 183.804 ± 1.326 χ^2/NDF : 770.2/23

In: 192.343 ± 2.041 χ^2/NDF : 155.1/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 183.804 ± 1.326 χ^2/NDF : 770.2/23

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.023+/-1.178 χ^2/NDF : 122.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.470+/-1.109 χ^2/NDF : 168.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

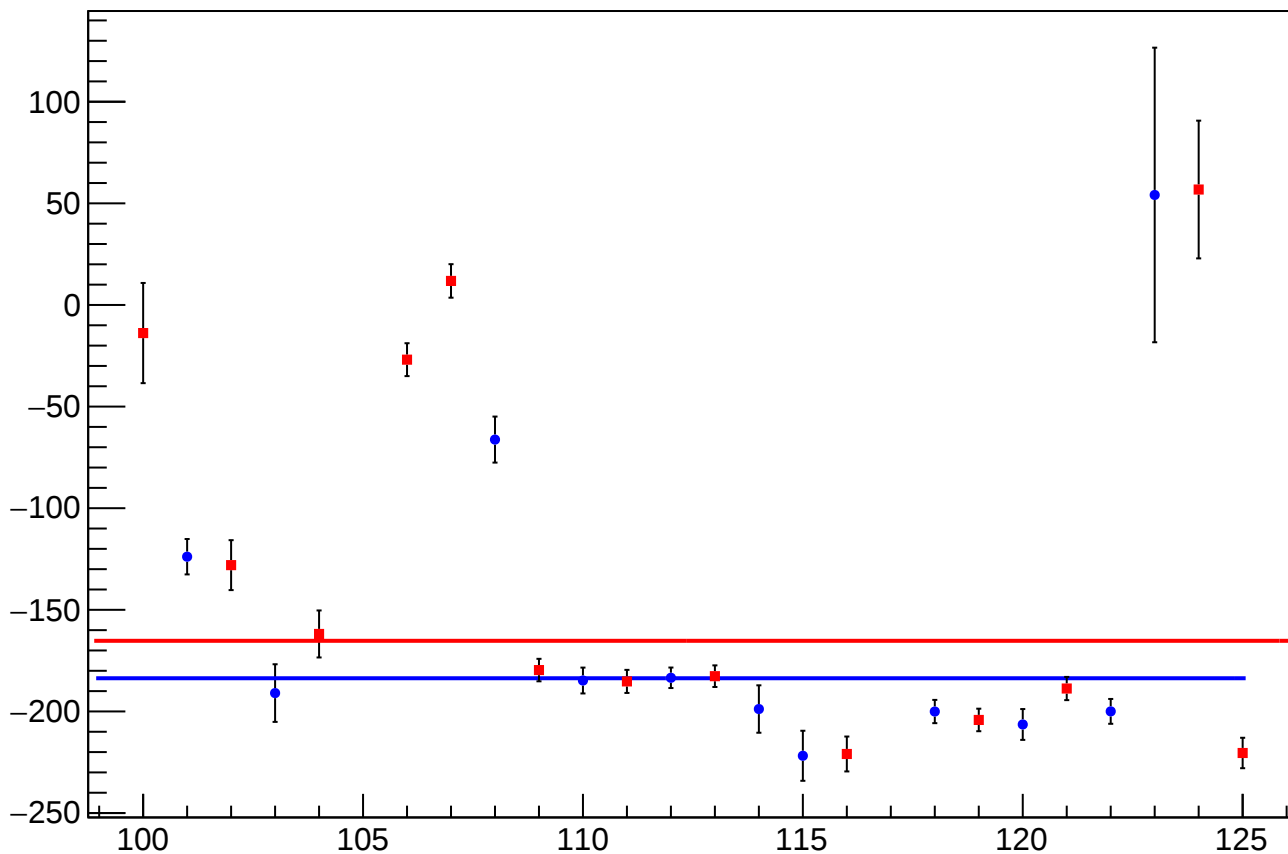
Right: 5.730+/-0.807 χ^2/NDF : 291.5/23

In: 6.023+/-1.178 χ^2/NDF : 122.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.730+/-0.807 χ^2/NDF : 291.5/23

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -183.667+/-2.365 χ^2/NDF : 201.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -165.247+/-2.040 χ^2/NDF : 1036.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

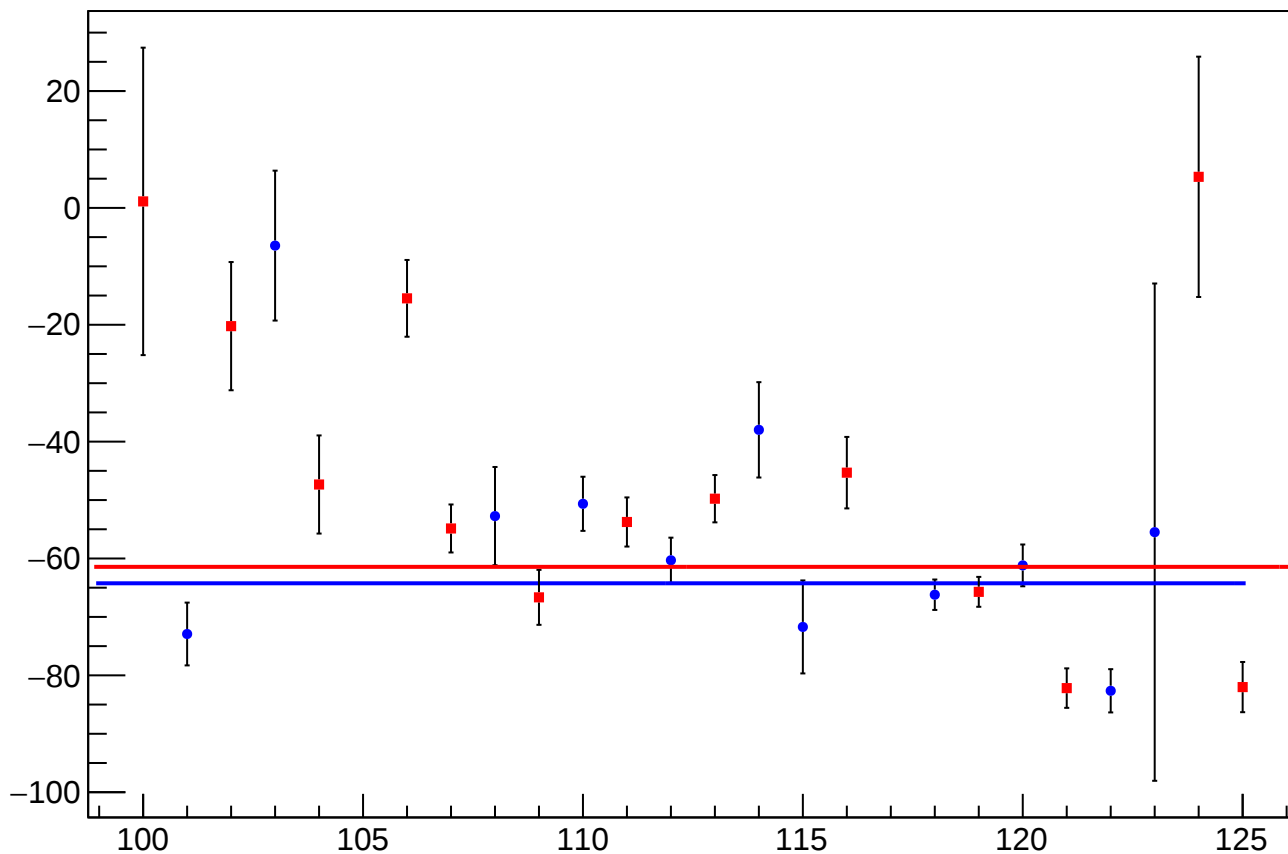
Right: -173.106+/-1.545 χ^2/NDF : 1272.3/23

In: -183.667+/-2.365 χ^2/NDF : 201.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -173.106+/-1.545 χ^2/NDF : 1272.3/23

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -64.245+/-1.416 χ^2/NDF : 71.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -61.431+/-1.299 χ^2/NDF : 167.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

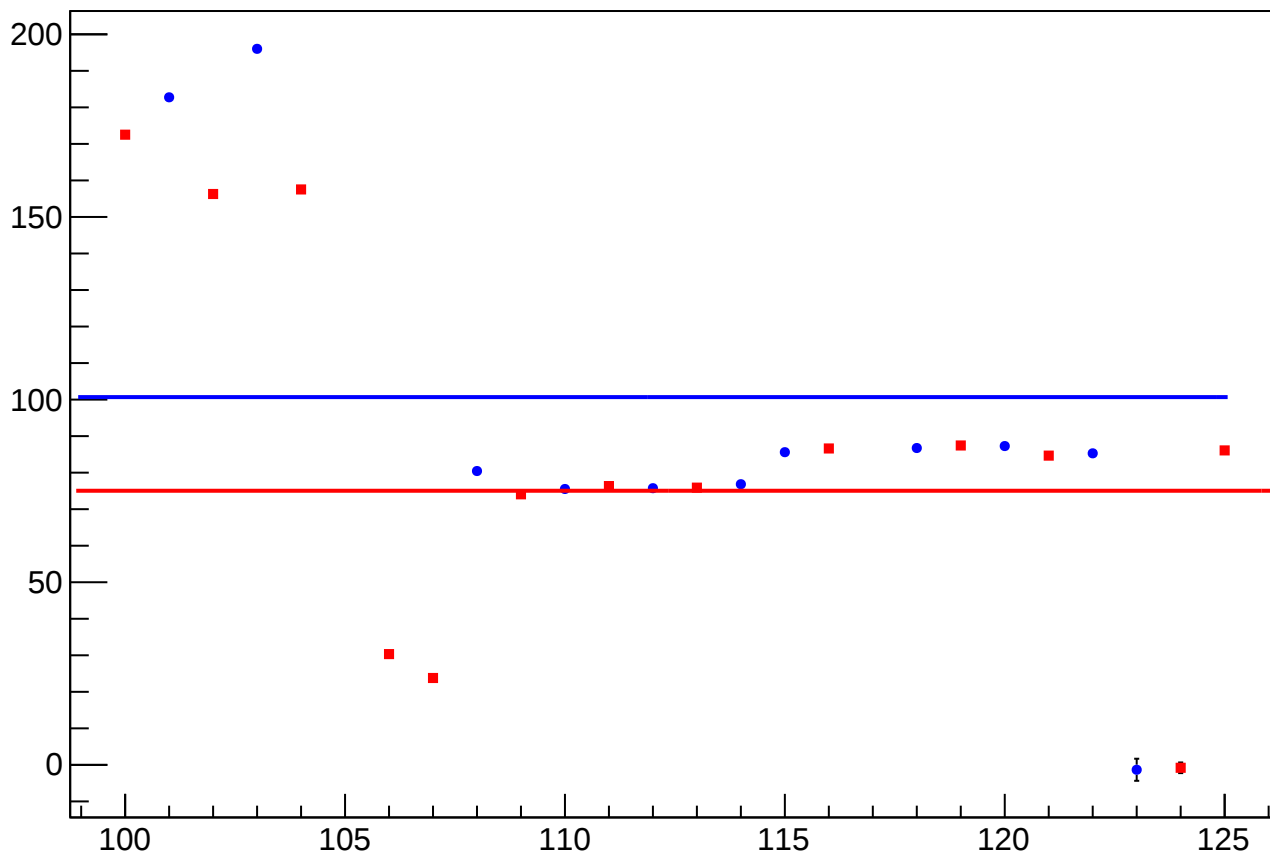
Right: -62.717+/-0.957 χ^2/NDF : 241.7/23

In: -64.245+/-1.416 χ^2/NDF : 71.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -62.717+/-0.957 χ^2/NDF : 241.7/23

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 100.685+/-0.094 χ^2/NDF : 194836.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.046+/-0.075 χ^2/NDF : 305409.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

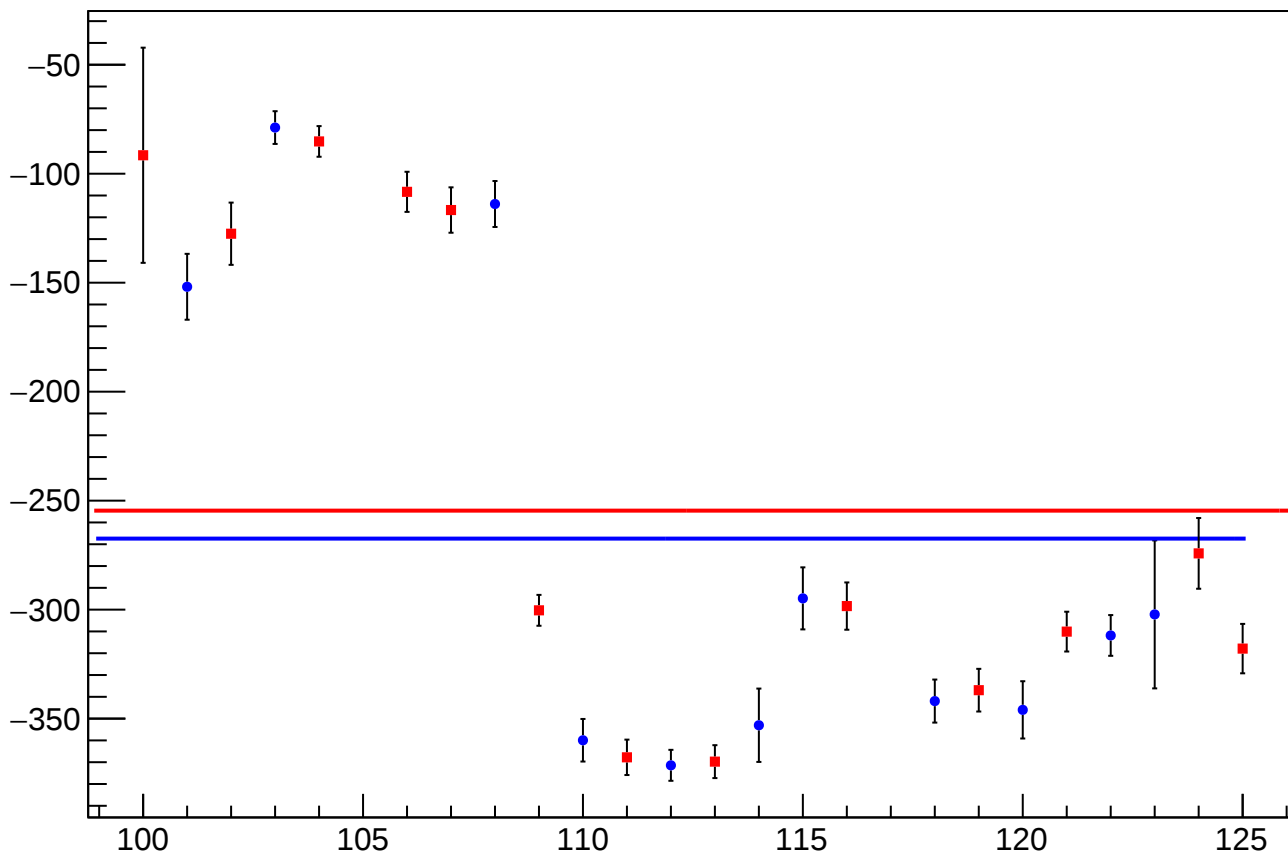
Right: 85.101+/-0.059 χ^2/NDF : 545489.6/23

In: 100.685+/-0.094 χ^2/NDF : 194836.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.101+/-0.059 χ^2/NDF : 545489.6/23

reg_asym_atr_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -267.410 $\pm$ 3.190 χ^2 /NDF: 1351.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -254.580 $\pm$ 2.657 χ^2 /NDF: 1723.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

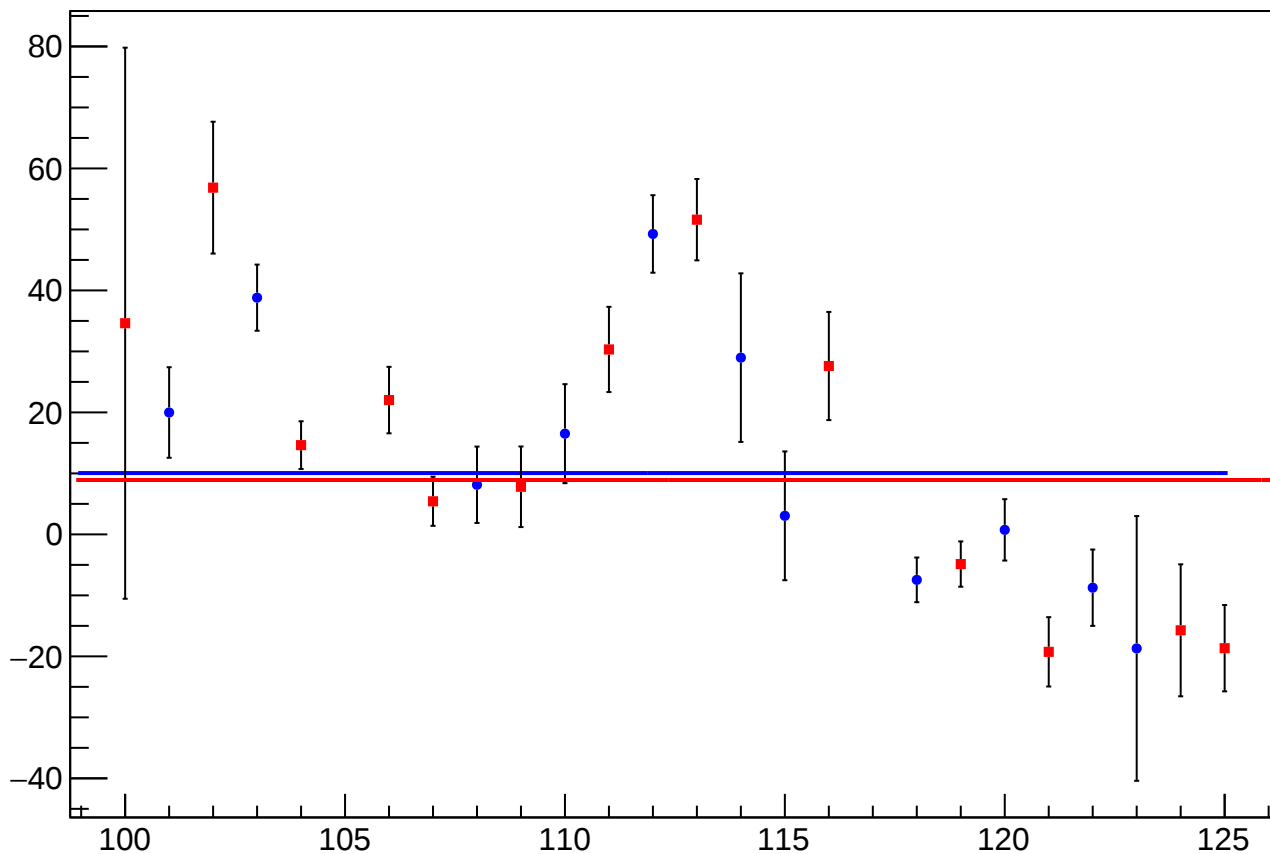
Right: -259.833 $\pm$ 2.041 χ^2 /NDF: 3084.0/23

In: -267.410 $\pm$ 3.190 χ^2 /NDF:1351.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -259.833 $\pm$ 2.041 χ^2 /NDF: 3084.0/23

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.055+/-1.912 χ^2/NDF : 108.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.918+/-1.621 χ^2/NDF : 142.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

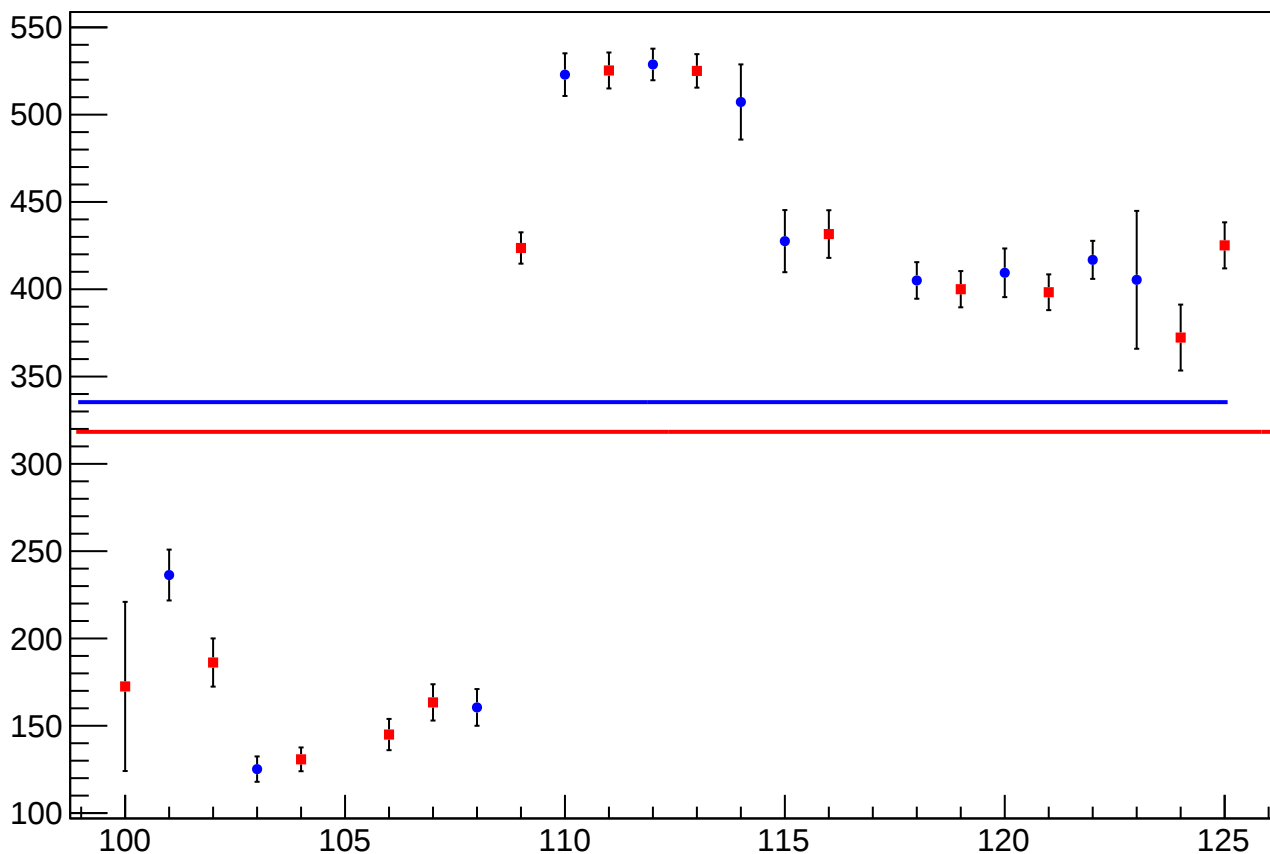
Right: 9.394+/-1.237 χ^2/NDF : 250.4/23

In: 10.055+/-1.912 χ^2/NDF : 108.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.394+/-1.237 χ^2/NDF : 250.4/23

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 335.346+/-3.529 χ^2/NDF : 2075.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 318.340+/-2.956 χ^2/NDF : 2727.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

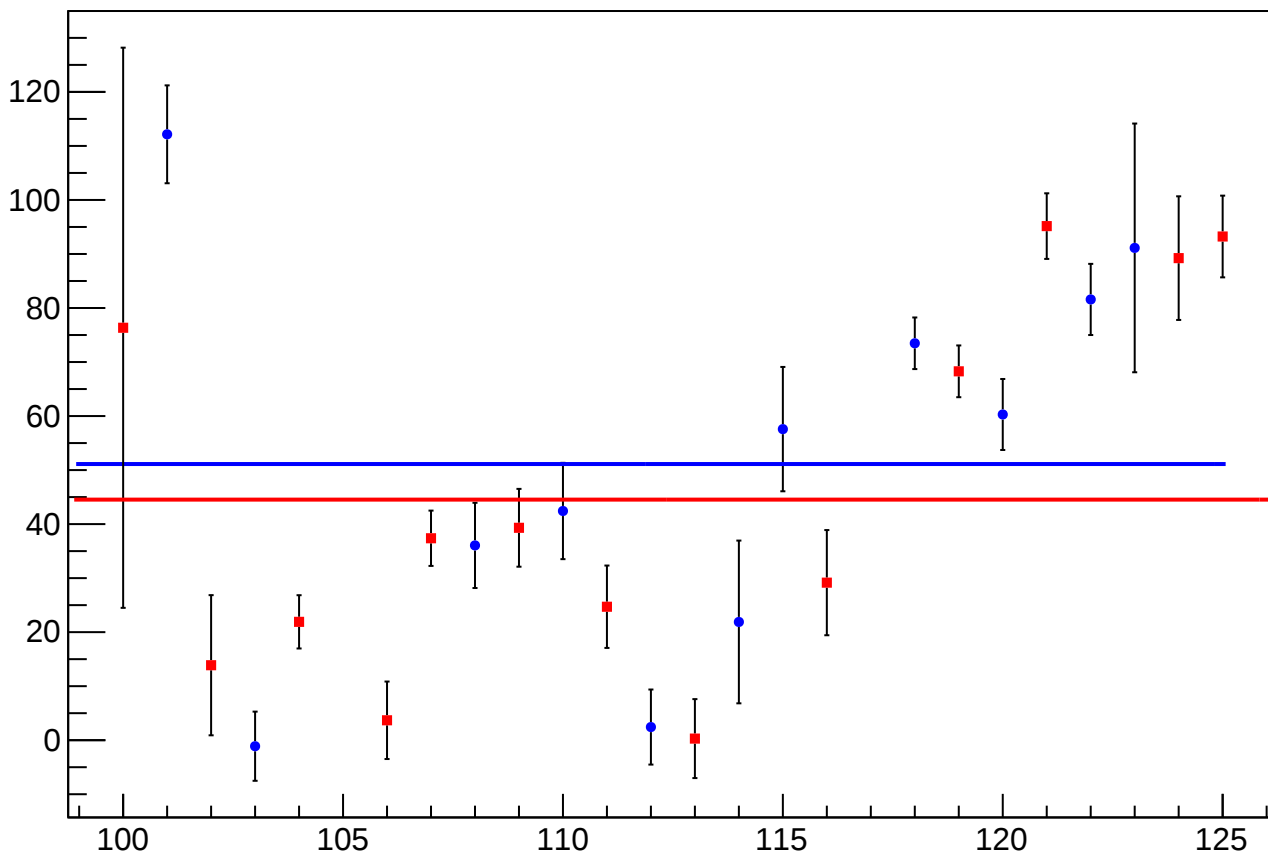
Right: 325.353+/-2.266 χ^2/NDF : 4816.8/23

In: 335.346+/-3.529 χ^2/NDF : 2075.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 325.353+/-2.266 χ^2/NDF : 4816.8/23

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 51.118+/-2.295 χ^2/NDF : 218.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.532+/-1.937 χ^2/NDF : 258.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

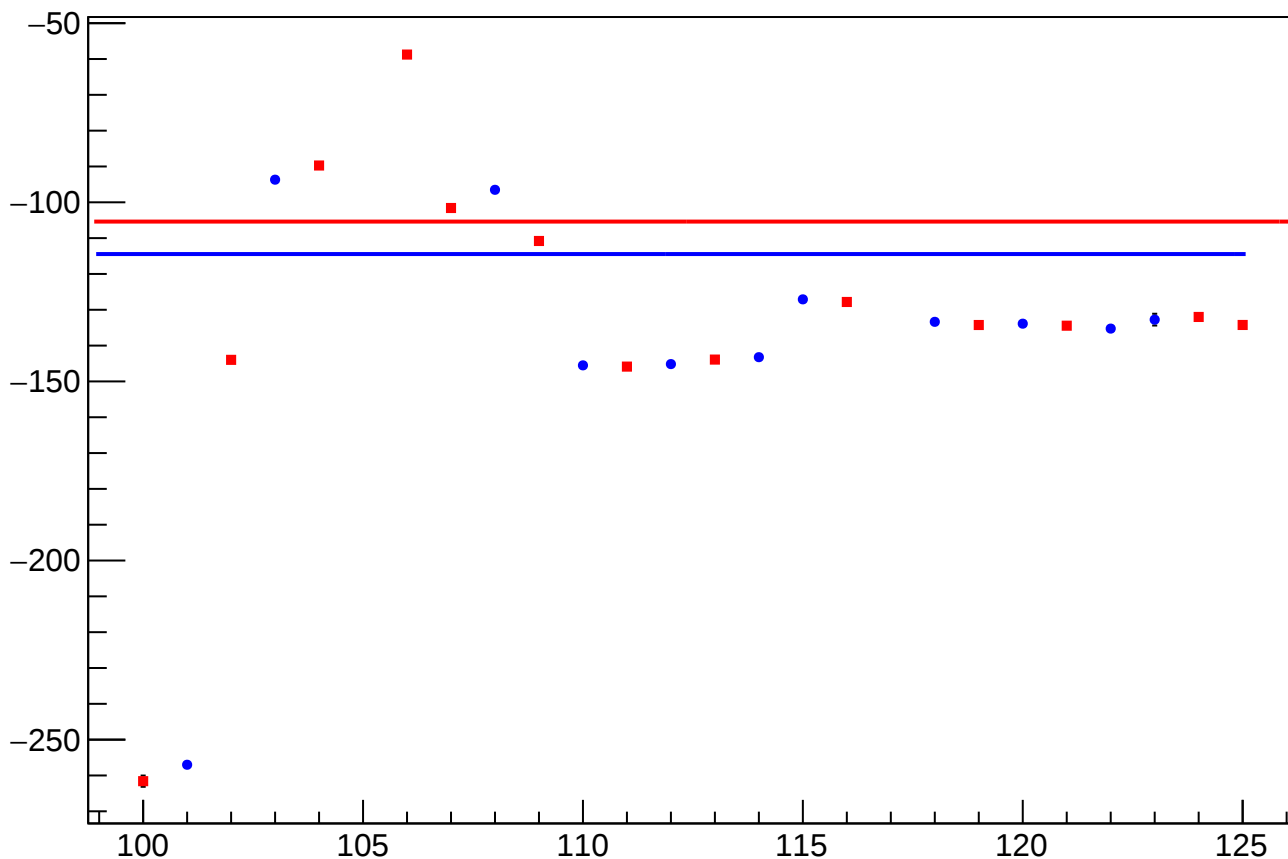
Right: 47.272+/-1.480 χ^2/NDF : 481.5/23

In: 51.118+/-2.295 χ^2/NDF : 218.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.272+/-1.480 χ^2/NDF : 481.5/23

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -114.446+/-0.110 χ^2/NDF : 110320.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -105.381+/-0.094 χ^2/NDF : 96460.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

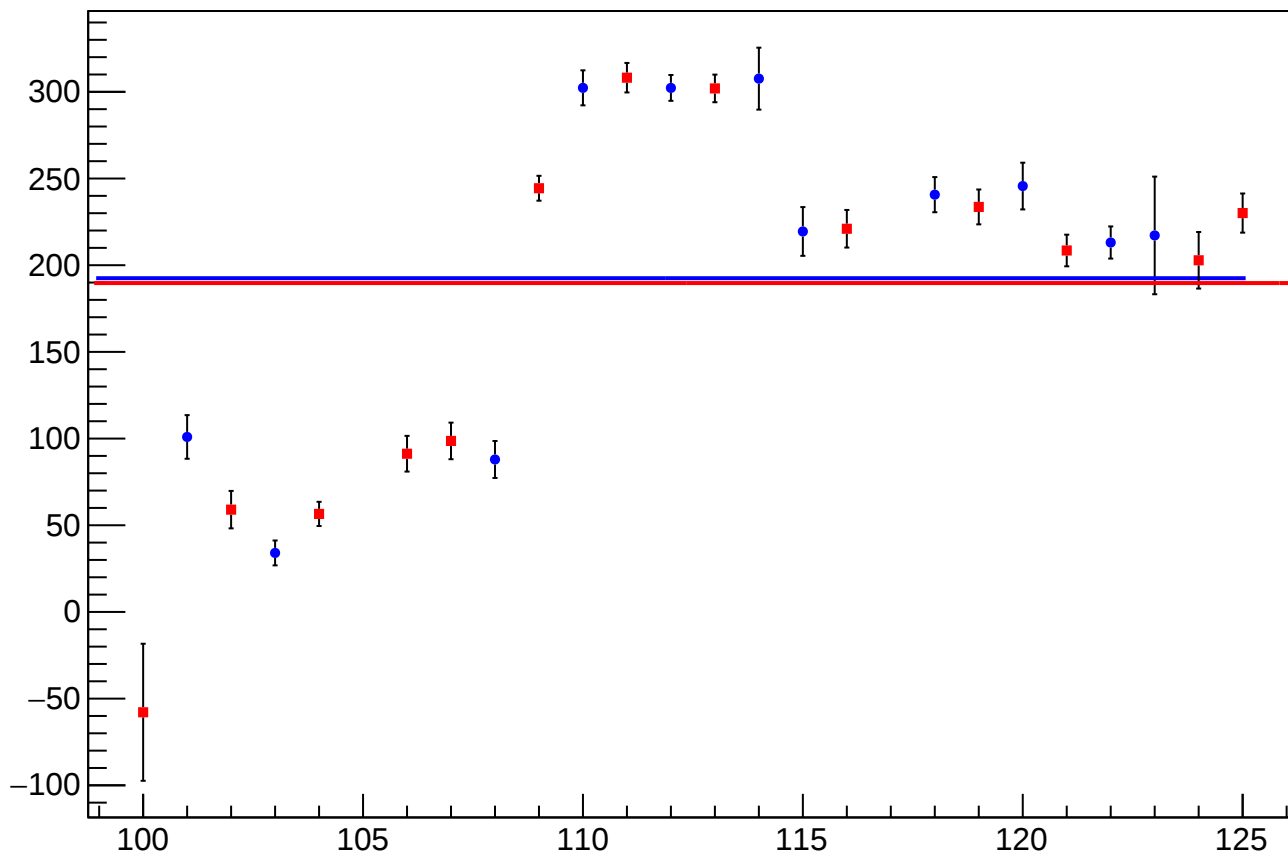
Right: -109.240+/-0.072 χ^2/NDF : 210706.1/23

In: -114.446+/-0.110 χ^2/NDF : 110320.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -109.240+/-0.072 χ^2/NDF : 210706.1/23

reg_asym_atr_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 192.501+/-3.190 χ^2/NDF : 1060.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 189.707+/-2.681 χ^2/NDF : 1211.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

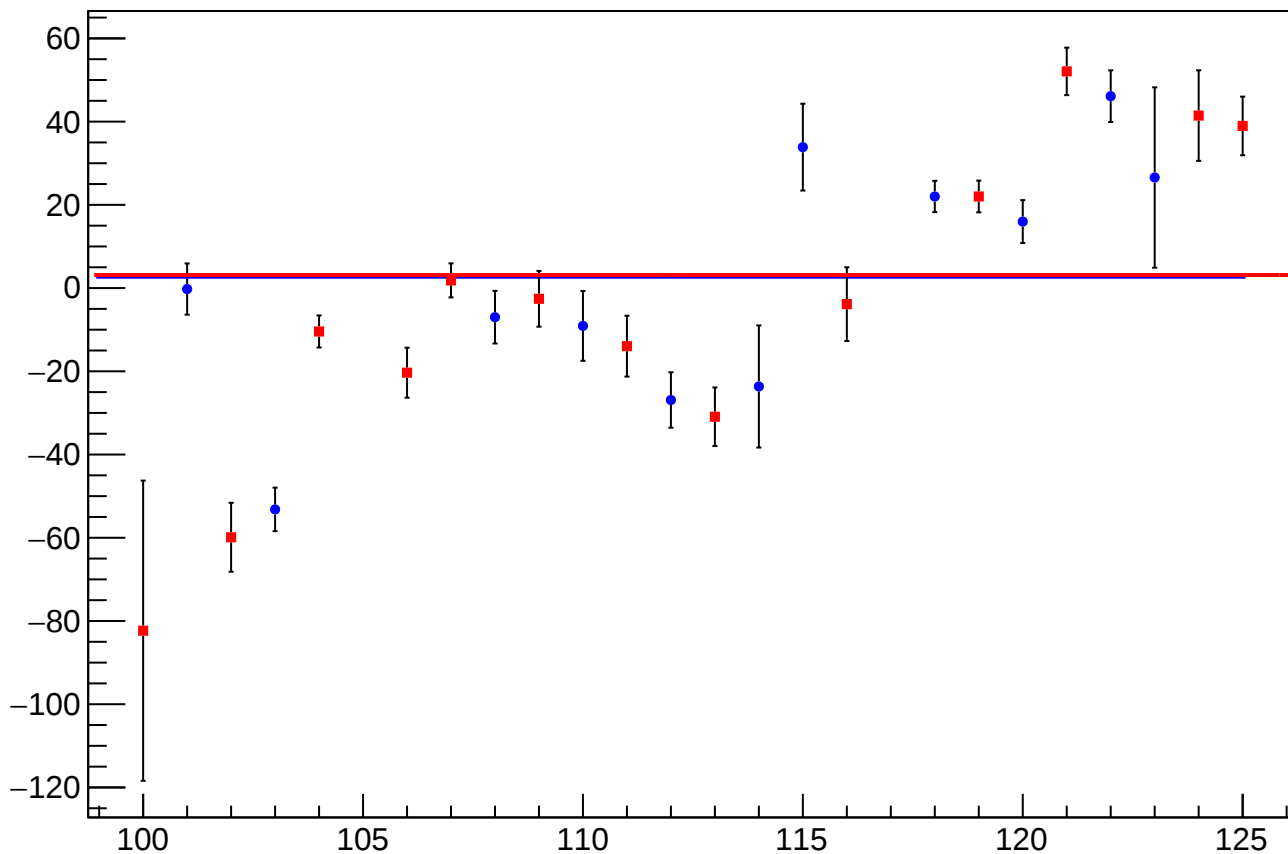
Right: 190.863+/-2.052 χ^2/NDF : 2272.7/23

In: 192.501+/-3.190 χ^2/NDF : 1060.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.863+/-2.052 χ^2/NDF : 2272.7/23

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.738 $\pm$ 1.907 χ^2 /NDF: 233.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.133 $\pm$ 1.639 χ^2 /NDF: 258.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

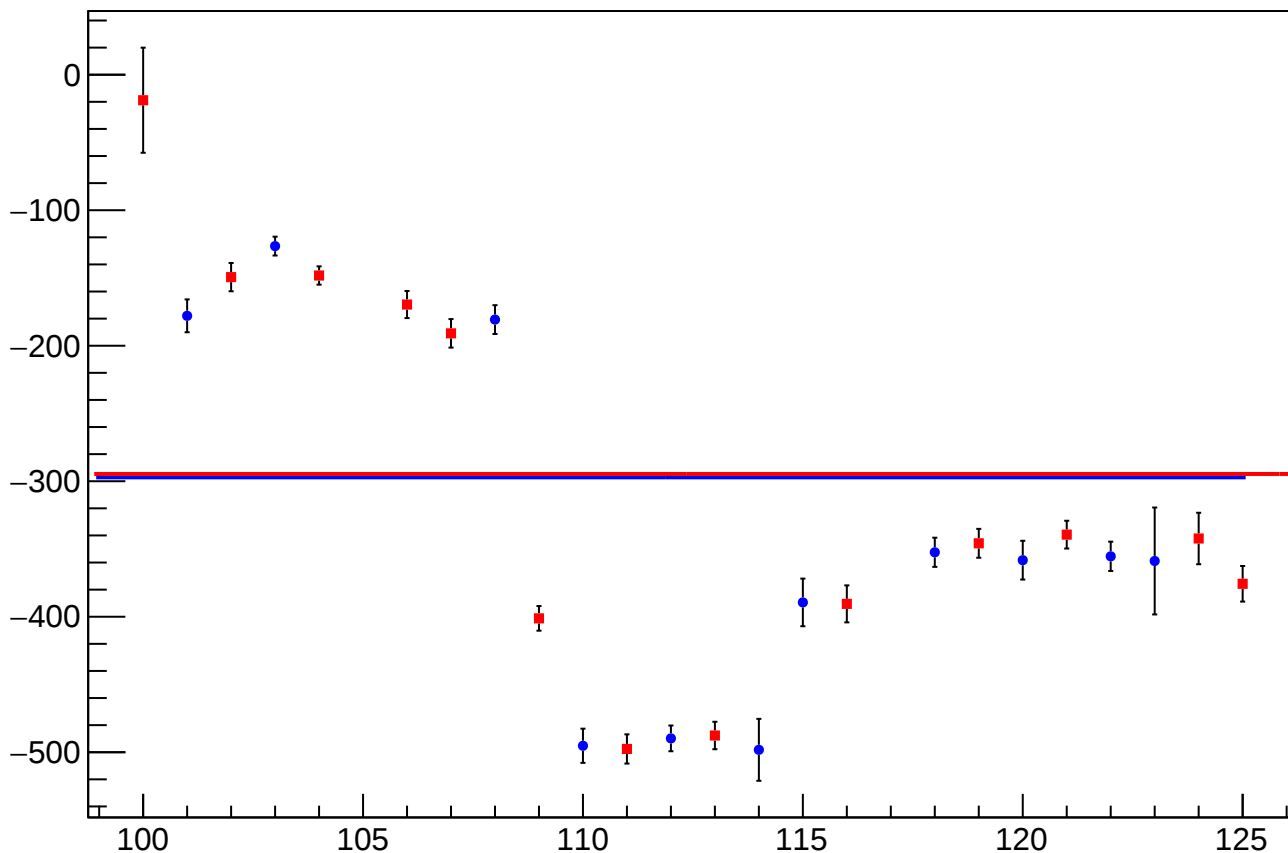
Right: 2.965 $\pm$ 1.243 χ^2 /NDF: 491.5/23

In: 2.738 $\pm$ 1.907 χ^2 /NDF:233.5/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.965 $\pm$ 1.243 χ^2 /NDF: 491.5/23

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -297.124+/-3.499 χ^2/NDF : 1660.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -294.641+/-2.969 χ^2/NDF : 1958.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

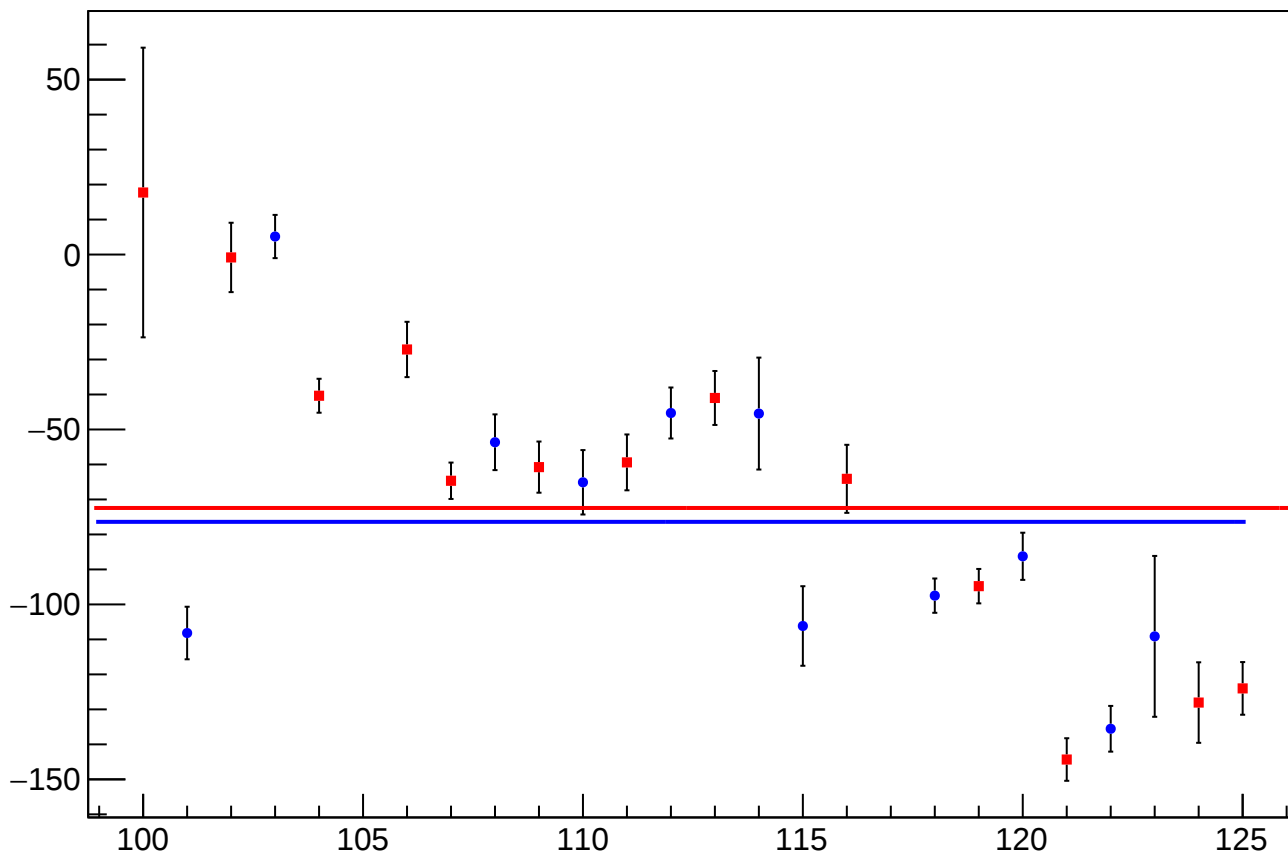
Right: -295.681+/-2.264 χ^2/NDF : 3619.4/23

In: -297.124+/-3.499 χ^2/NDF : 1660.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -295.681+/-2.264 χ^2/NDF : 3619.4/23

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -76.398 $\pm$ 2.289 χ^2 /NDF: 335.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -72.433 $\pm$ 1.955 χ^2 /NDF: 389.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

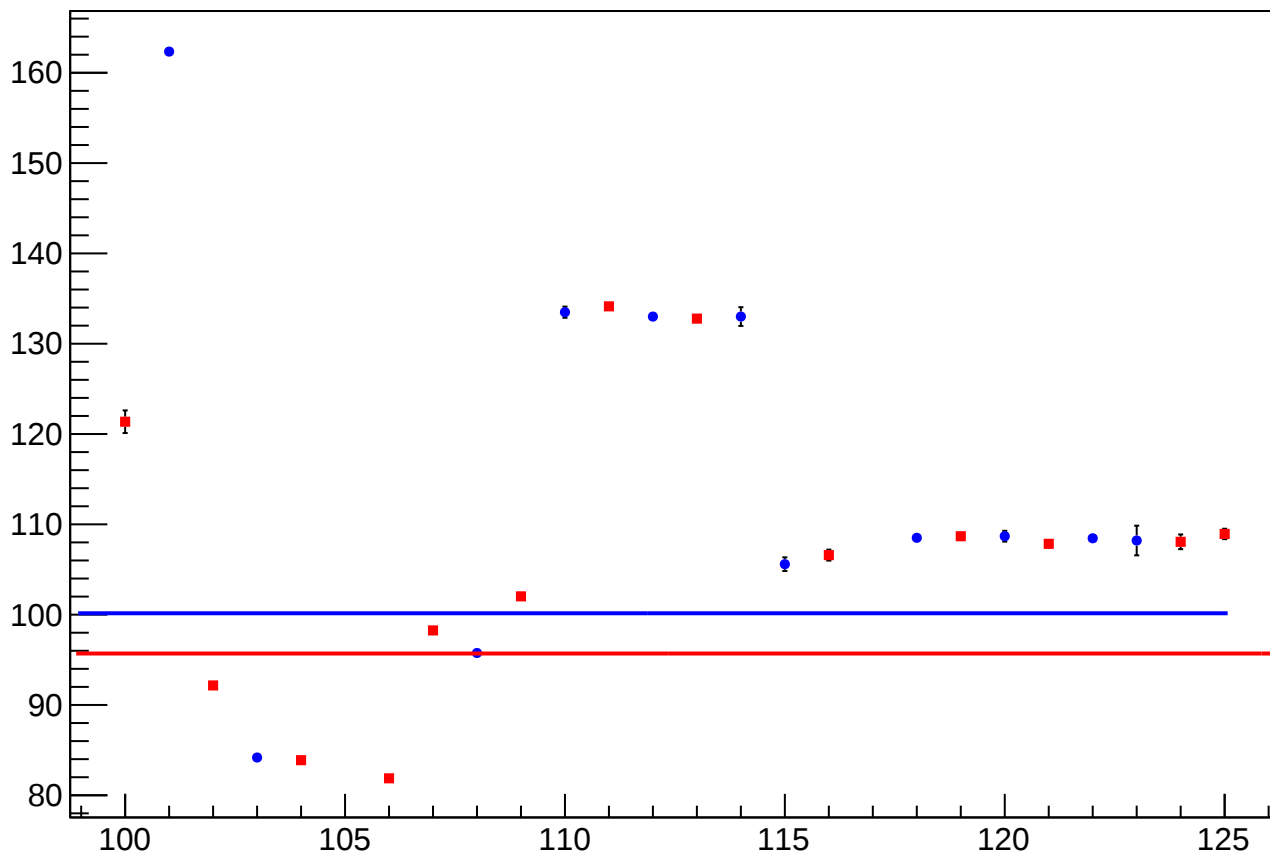
Right: -74.106 $\pm$ 1.487 χ^2 /NDF: 725.9/23

In: -76.398 $\pm$ 2.289 χ^2 /NDF:335.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -74.106 $\pm$ 1.487 χ^2 /NDF: 725.9/23

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 100.154 $\pm$ 0.107 χ^2 /NDF: 41773.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 95.698 $\pm$ 0.093 χ^2 /NDF: 23319.5/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

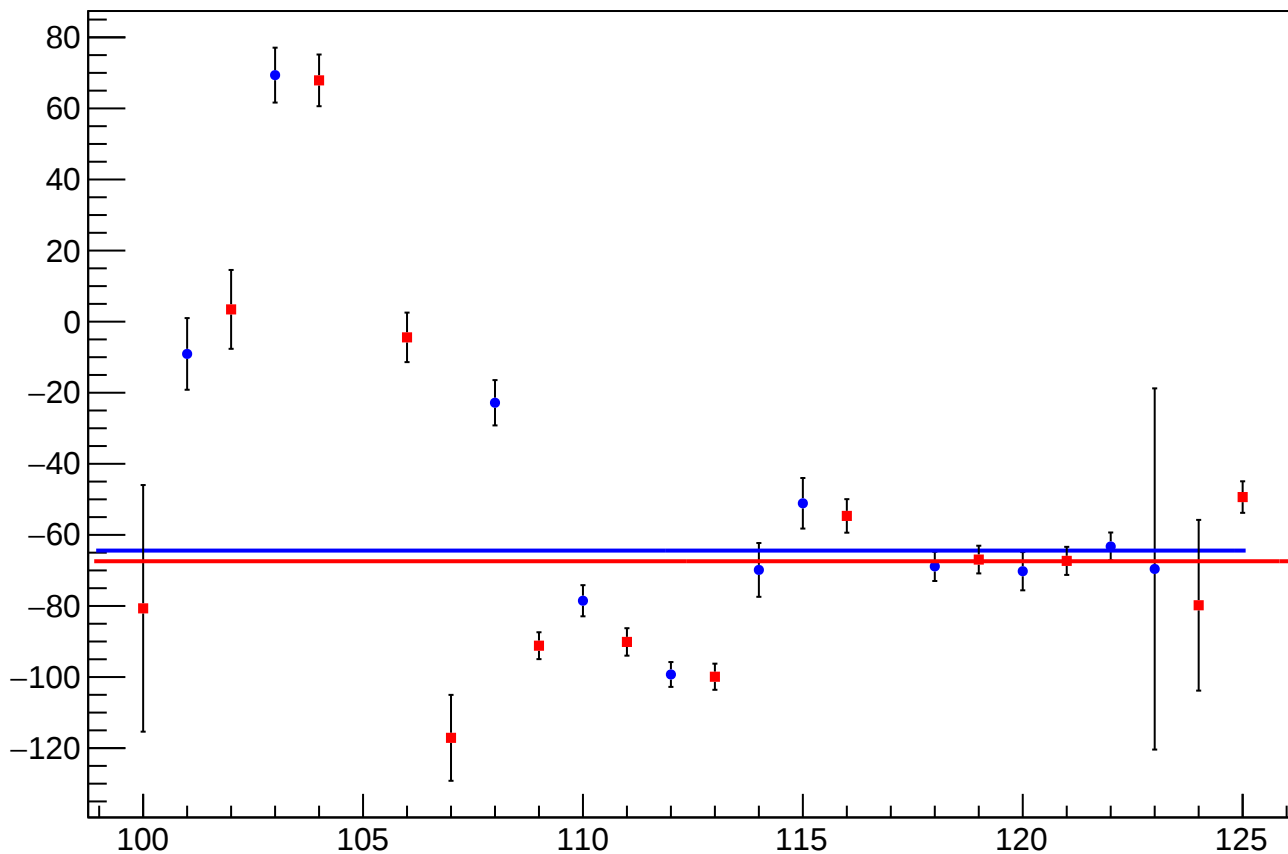
Right: 97.609 $\pm$ 0.070 χ^2 /NDF: 66078.7/23

In: 100.154 $\pm$ 0.107 χ^2 /NDF:41773.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 97.609 $\pm$ 0.070 χ^2 /NDF: 66078.7/23

reg_asym_at1_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -64.416 $\pm$ 1.620 χ^2 /NDF: 489.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -67.414 $\pm$ 1.423 χ^2 /NDF: 662.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

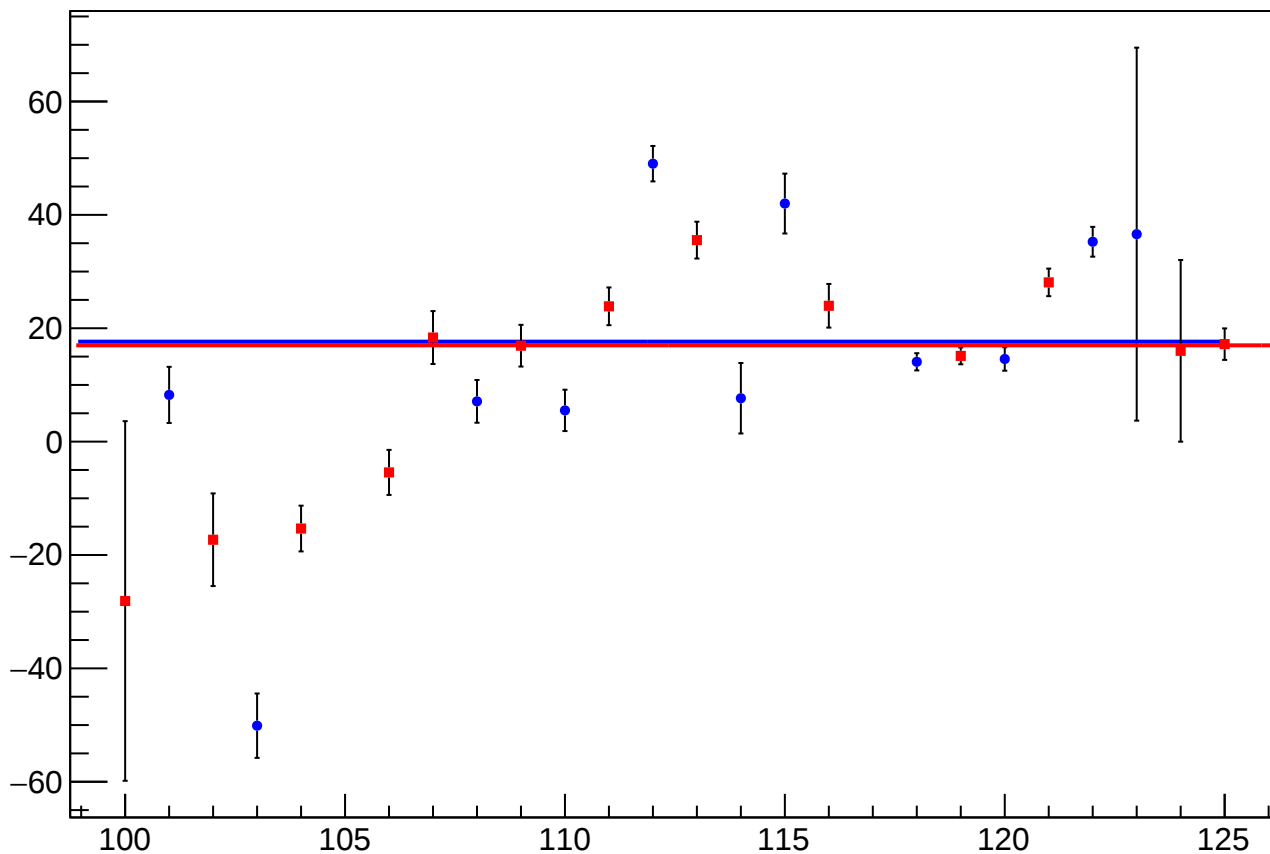
Right: -66.108 $\pm$ 1.069 χ^2 /NDF: 1153.1/23

In: -64.416 $\pm$ 1.620 χ^2 /NDF:489.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -66.108 $\pm$ 1.069 χ^2 /NDF: 1153.1/23

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.634+/-0.914 χ^2/NDF : 342.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.985+/-0.887 χ^2/NDF : 178.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

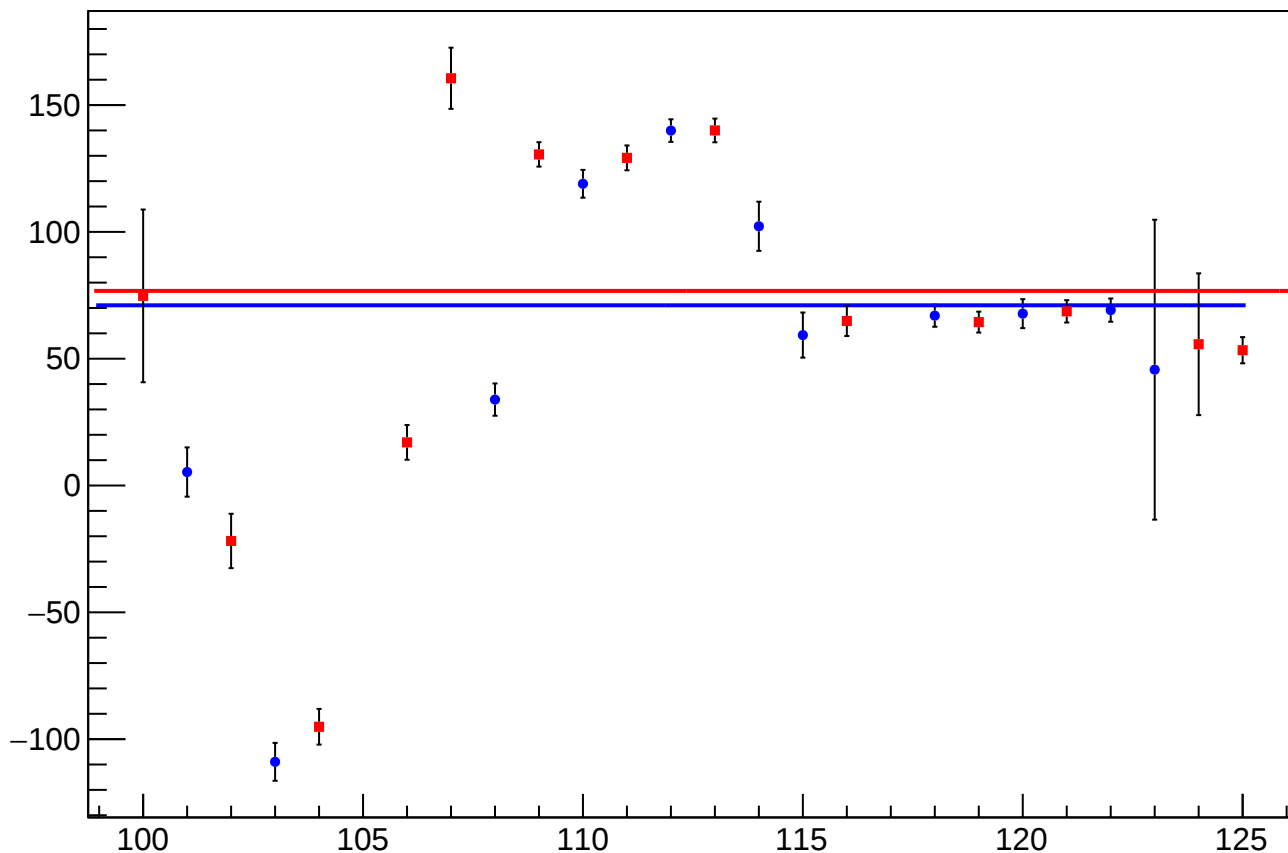
Right: 17.300+/-0.637 χ^2/NDF : 521.2/23

In: 17.634+/-0.914 χ^2/NDF : 342.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.300+/-0.637 χ^2/NDF : 521.2/23

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 71.055+/-1.852 χ^2/NDF : 990.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.738+/-1.654 χ^2/NDF : 1264.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

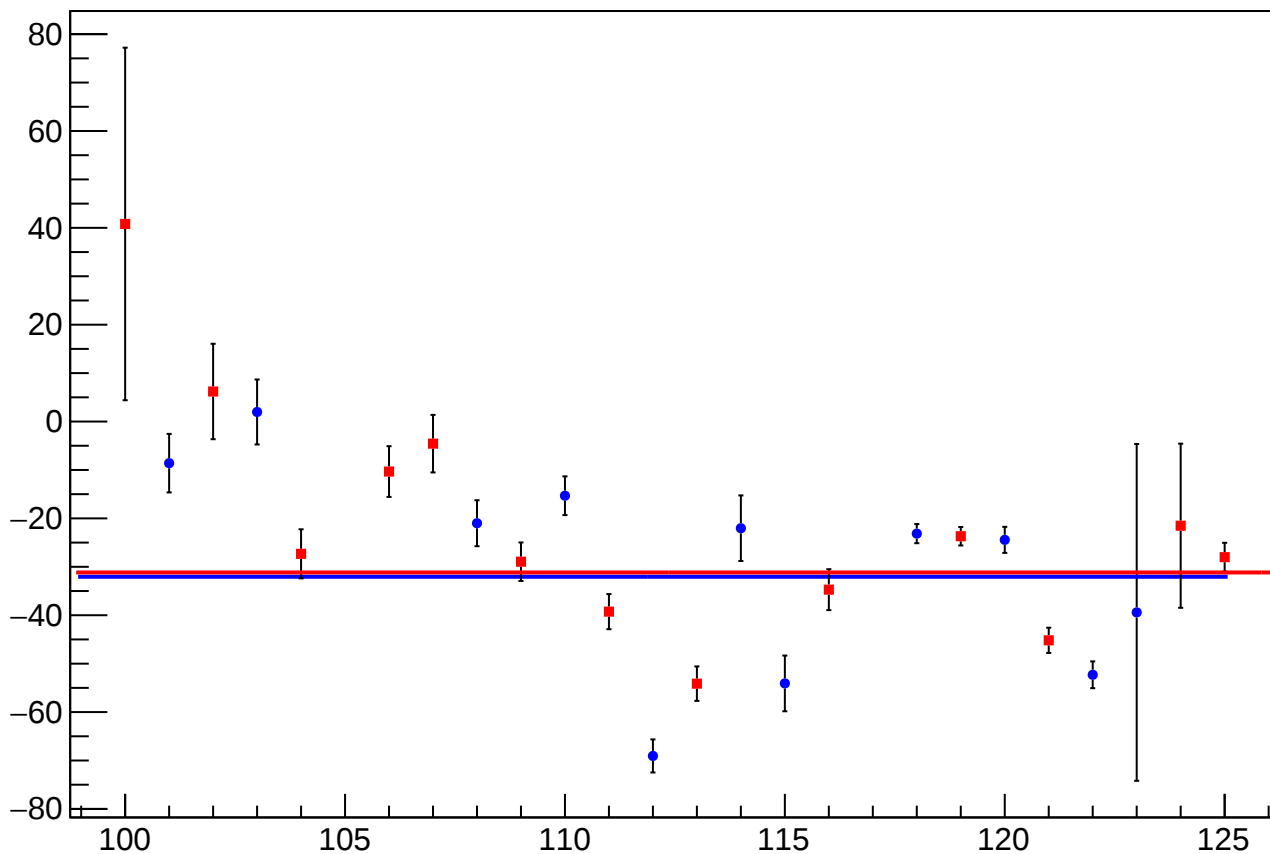
Right: 74.218+/-1.233 χ^2/NDF : 2260.4/23

In: 71.055+/-1.852 χ^2/NDF : 990.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.218+/-1.233 χ^2/NDF : 2260.4/23

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.055+/-1.105 χ^2/NDF : 279.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.169+/-1.038 χ^2/NDF : 148.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

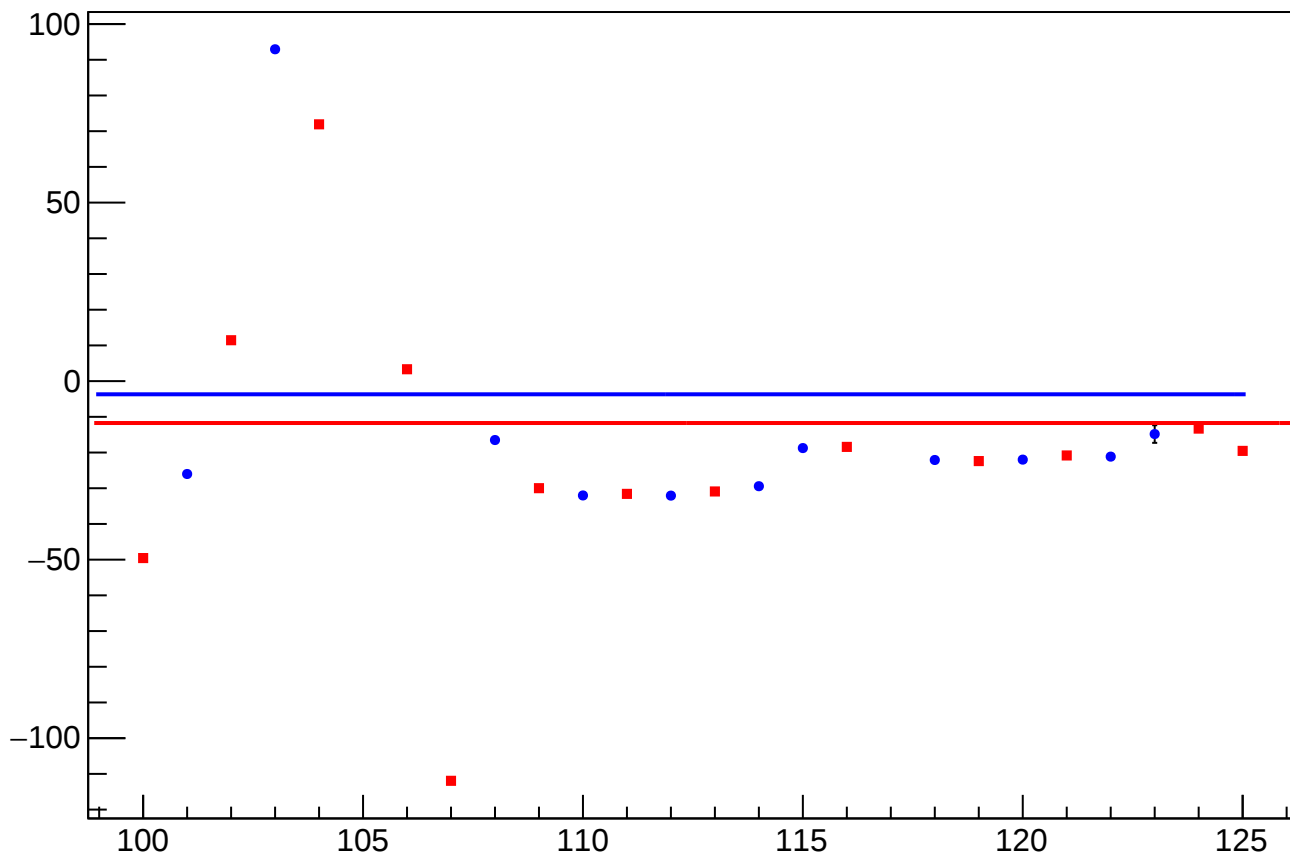
Right: -31.584+/-0.757 χ^2/NDF : 428.2/23

In: -32.055+/-1.105 χ^2/NDF : 279.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.584+/-0.757 χ^2/NDF : 428.2/23

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -3.689+/-0.068 χ^2/NDF : 404184.7/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -11.732+/-0.063 χ^2/NDF : 398310.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

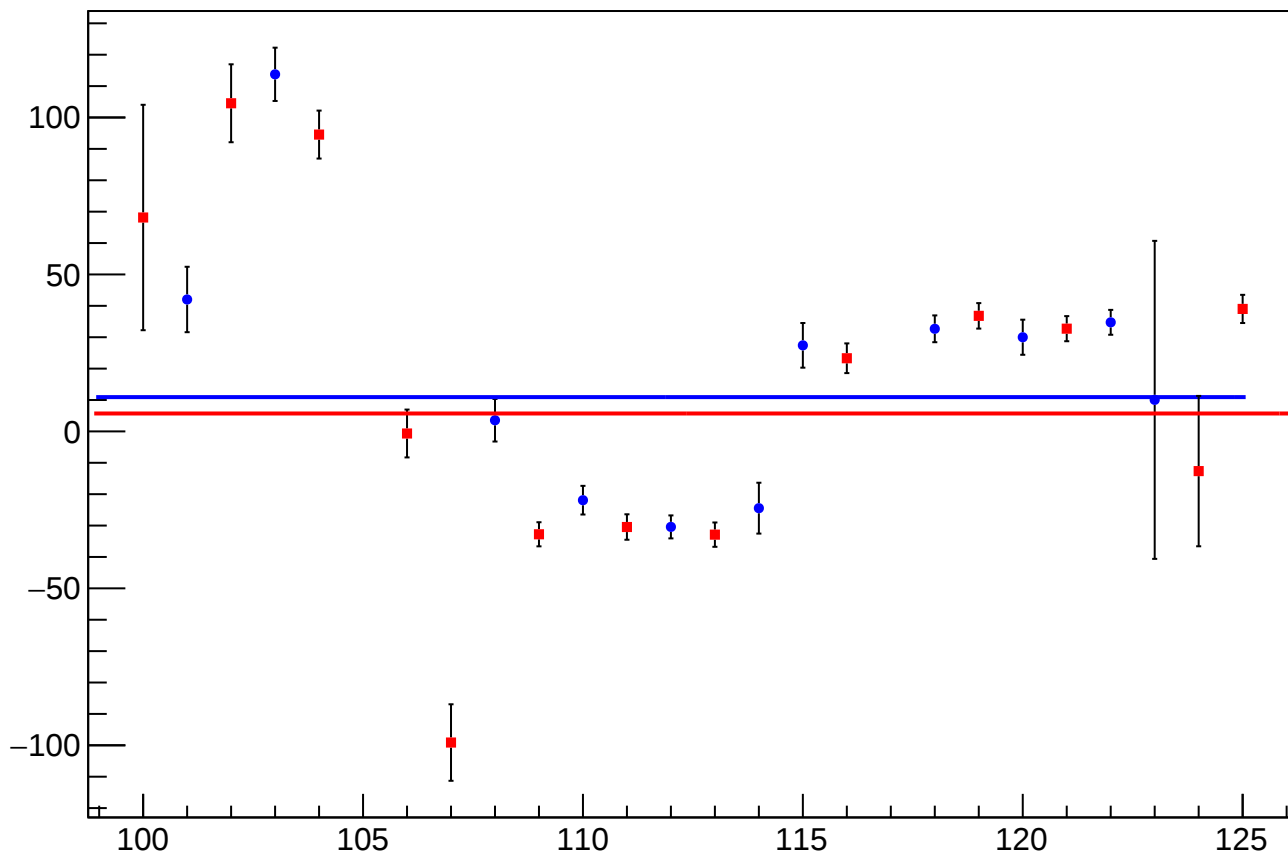
Right: -8.022+/-0.046 χ^2/NDF : 810035.3/23

In: -3.689+/-0.068 χ^2/NDF :404184.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -8.022+/-0.046 χ^2/NDF : 810035.3/23

reg_asym_at1_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 10.924+/-1.682 χ^2/NDF : 434.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.705+/-1.470 χ^2/NDF : 729.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

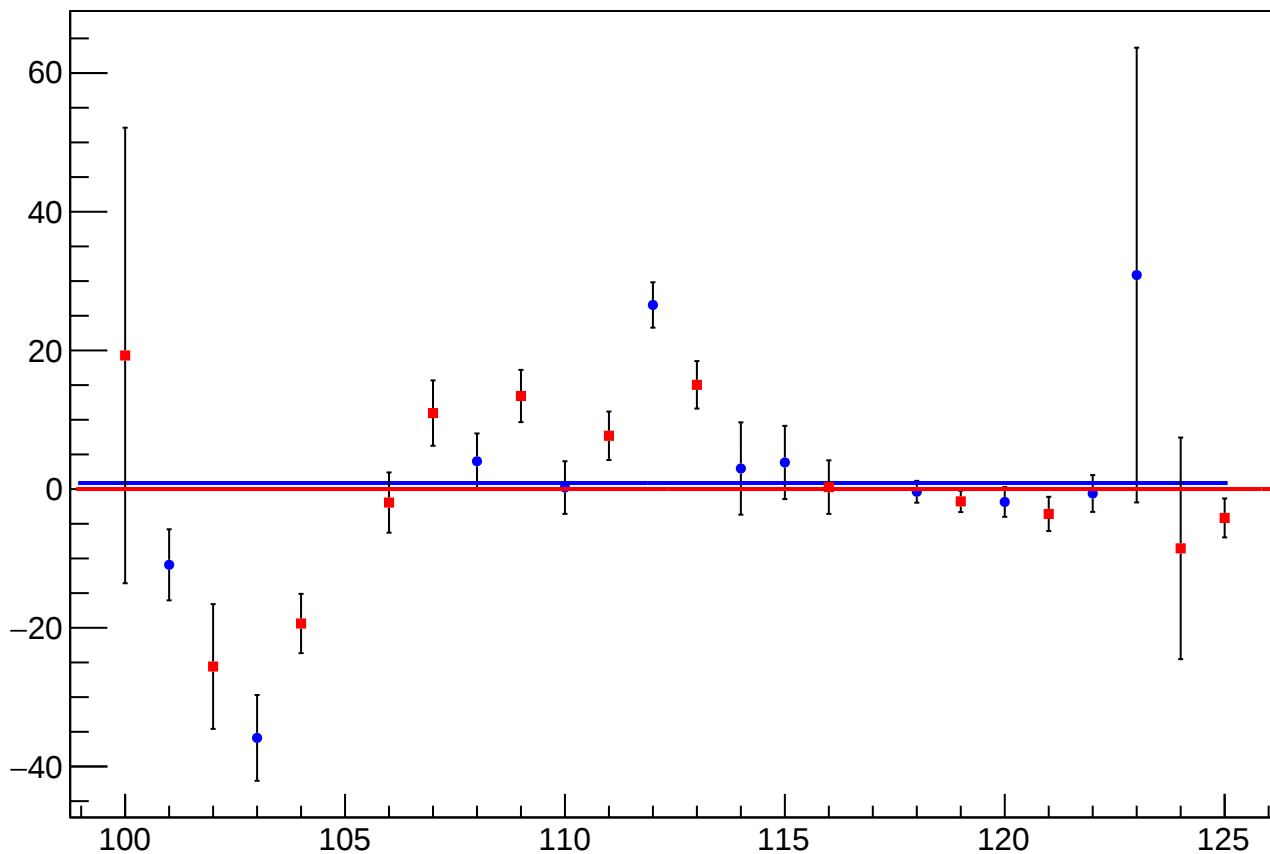
Right: 7.965+/-1.107 χ^2/NDF : 1168.9/23

In: 10.924+/-1.682 χ^2/NDF : 434.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.965+/-1.107 χ^2/NDF : 1168.9/23

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.878+/-0.948 χ^2/NDF : 106.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.918 χ^2/NDF : 77.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

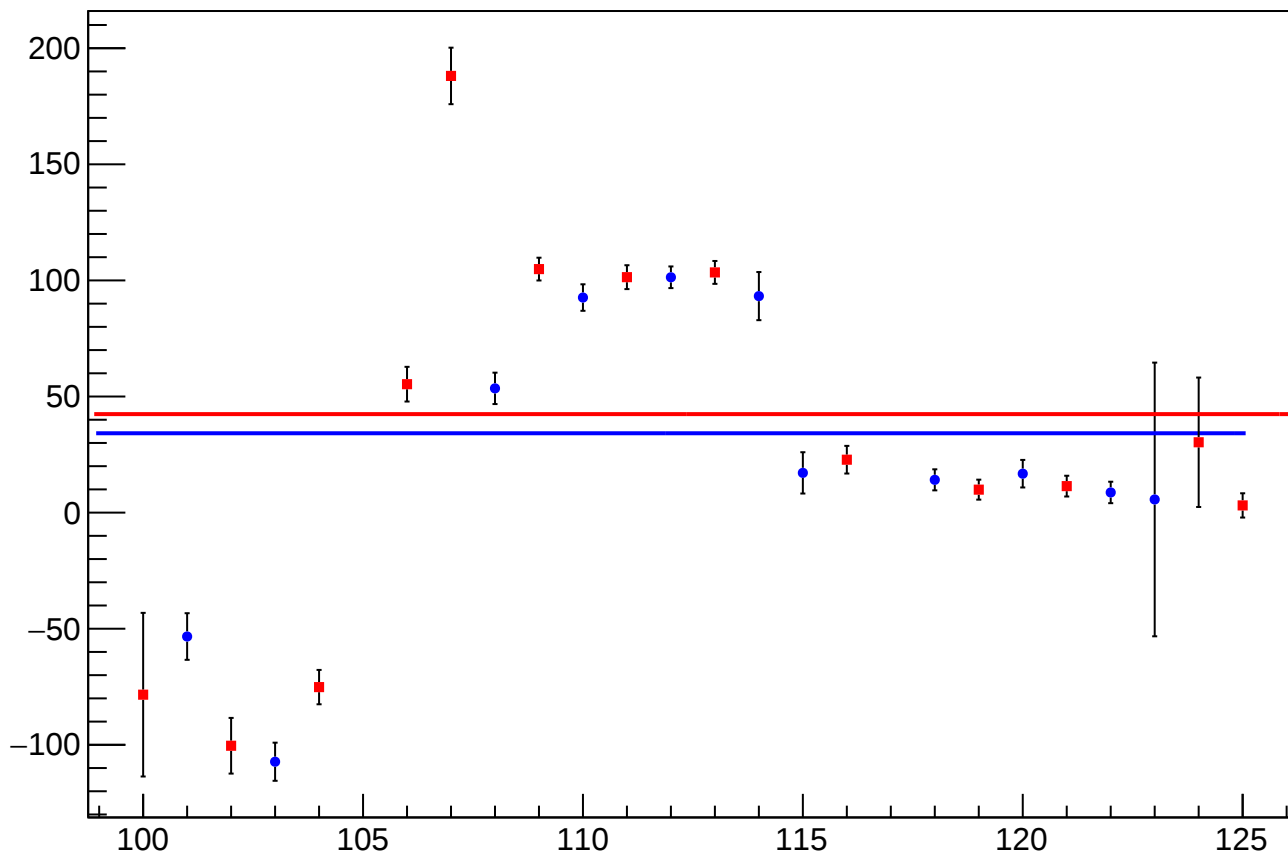
Right: 0.434+/-0.660 χ^2/NDF : 184.4/23

In: 0.878+/-0.948 χ^2/NDF : 106.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.434+/-0.660 χ^2/NDF : 184.4/23

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 34.176+/-1.926 χ^2/NDF : 788.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.421+/-1.711 χ^2/NDF : 1172.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

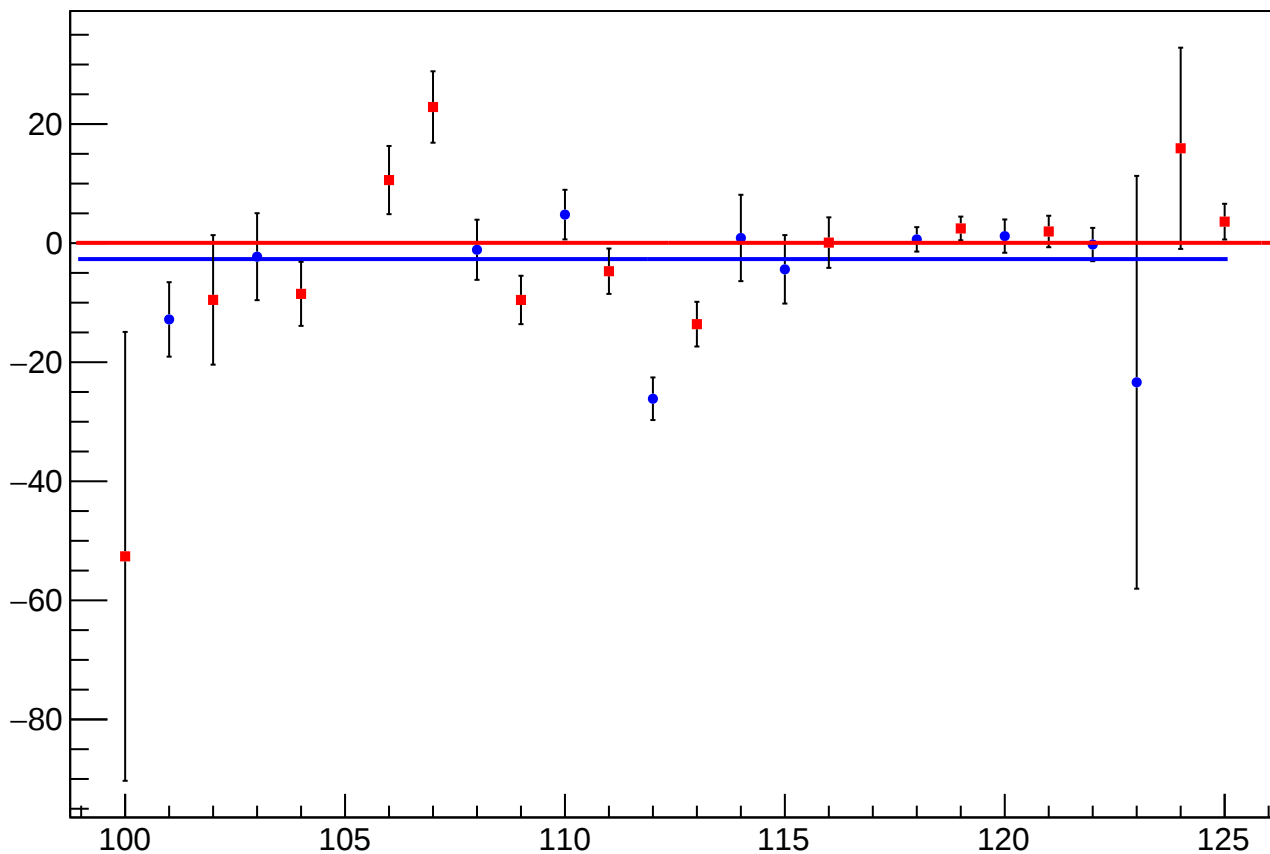
Right: 38.784+/-1.279 χ^2/NDF : 1971.4/23

In: 34.176+/-1.926 χ^2/NDF : 788.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.784+/-1.279 χ^2/NDF : 1971.4/23

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.680+/-1.145 χ^2/NDF : 54.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.049+/-1.073 χ^2/NDF : 47.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

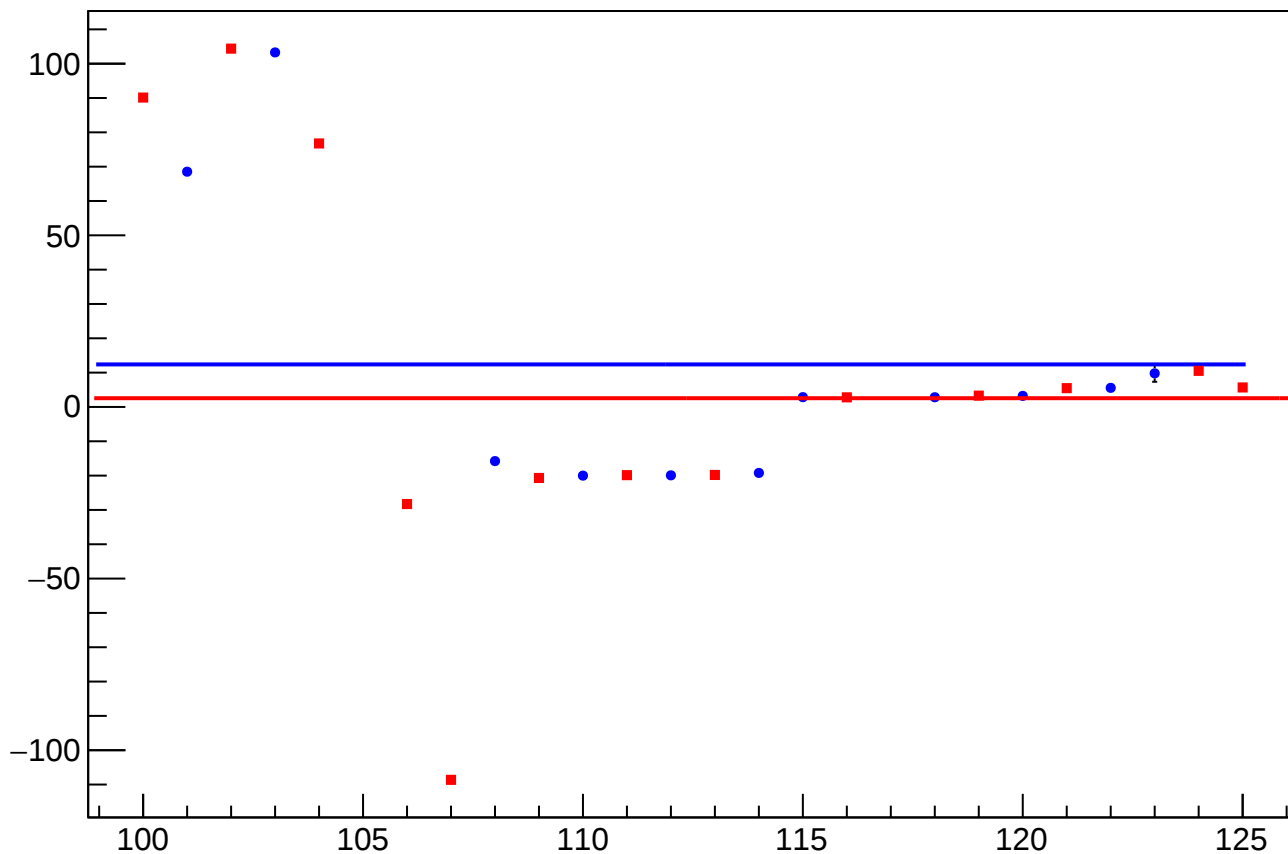
Right: -1.227+/-0.783 χ^2/NDF : 105.7/23

In: -2.680+/-1.145 χ^2/NDF : 54.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.227+/-0.783 χ^2/NDF : 105.7/23

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 12.393+/-0.071 χ^2/NDF : 347769.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.548+/-0.066 χ^2/NDF : 510001.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

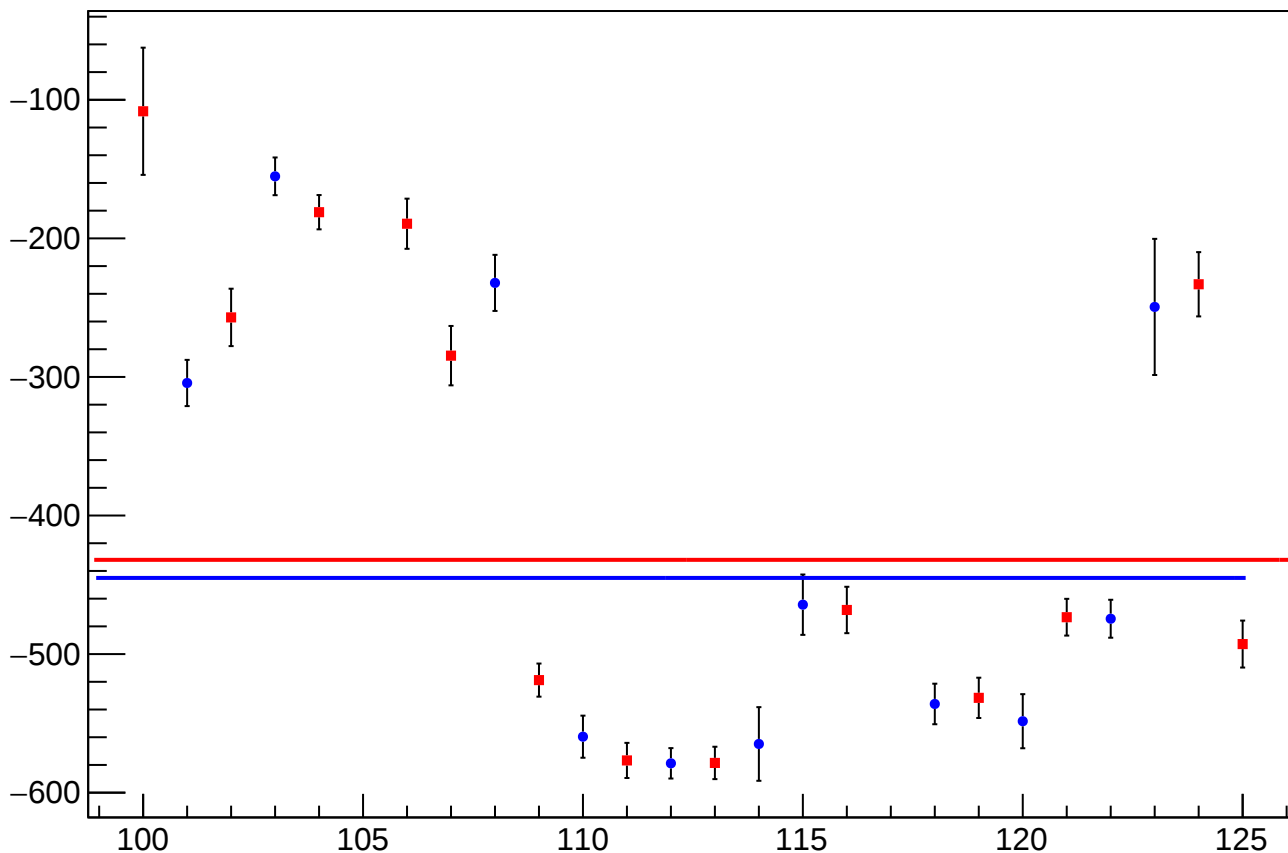
Right: 7.068+/-0.048 χ^2/NDF : 868056.8/23

In: 12.393+/-0.071 χ^2/NDF : 347769.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.068+/-0.048 χ^2/NDF : 868056.8/23

reg_asym_at2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -445.032+/-4.960 χ^2/NDF : 949.1/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -431.986+/-4.285 χ^2/NDF : 1247.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

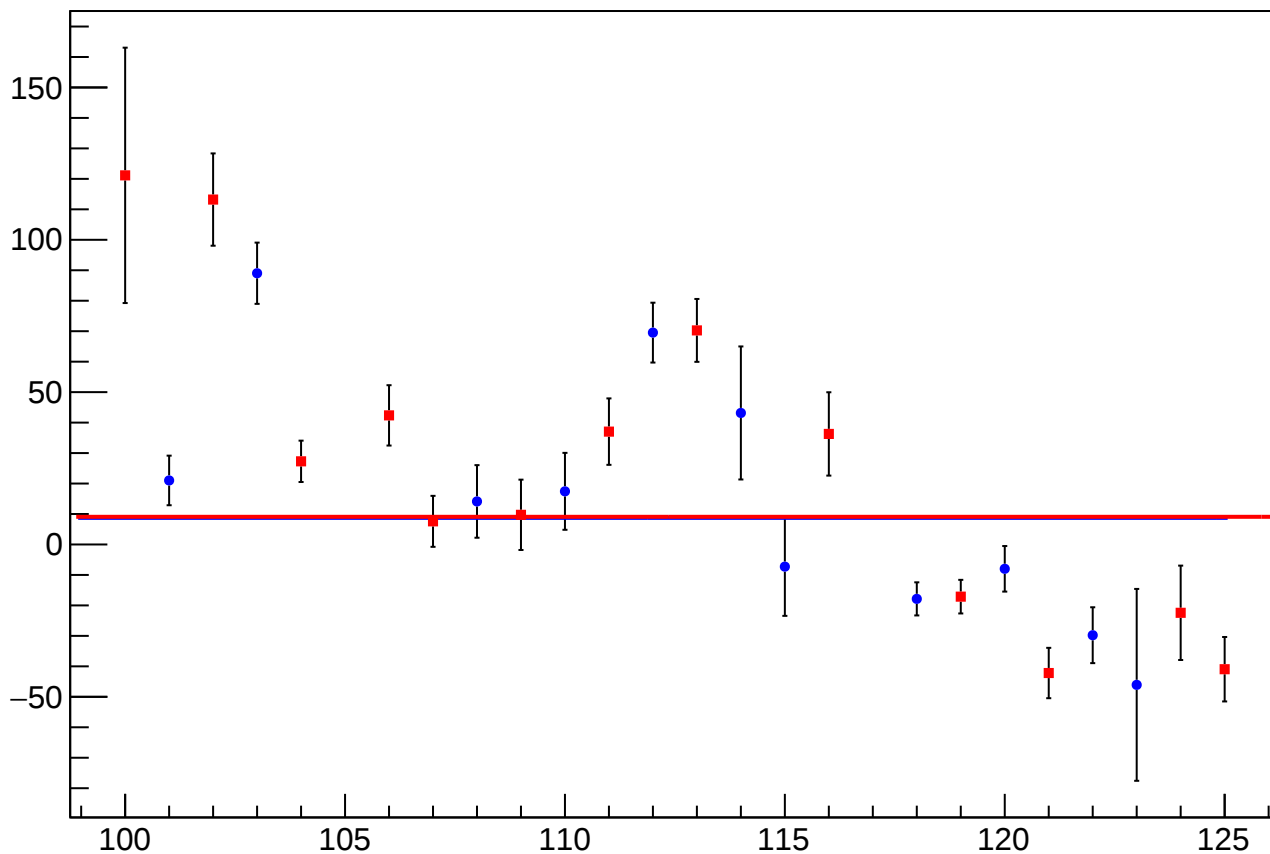
Right: -437.562+/-3.243 χ^2/NDF : 2200.4/23

In: -445.032+/-4.960 χ^2/NDF :949.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -437.562+/-3.243 χ^2/NDF : 2200.4/23

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.737+/-2.896 χ^2/NDF : 158.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.082+/-2.650 χ^2/NDF : 206.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

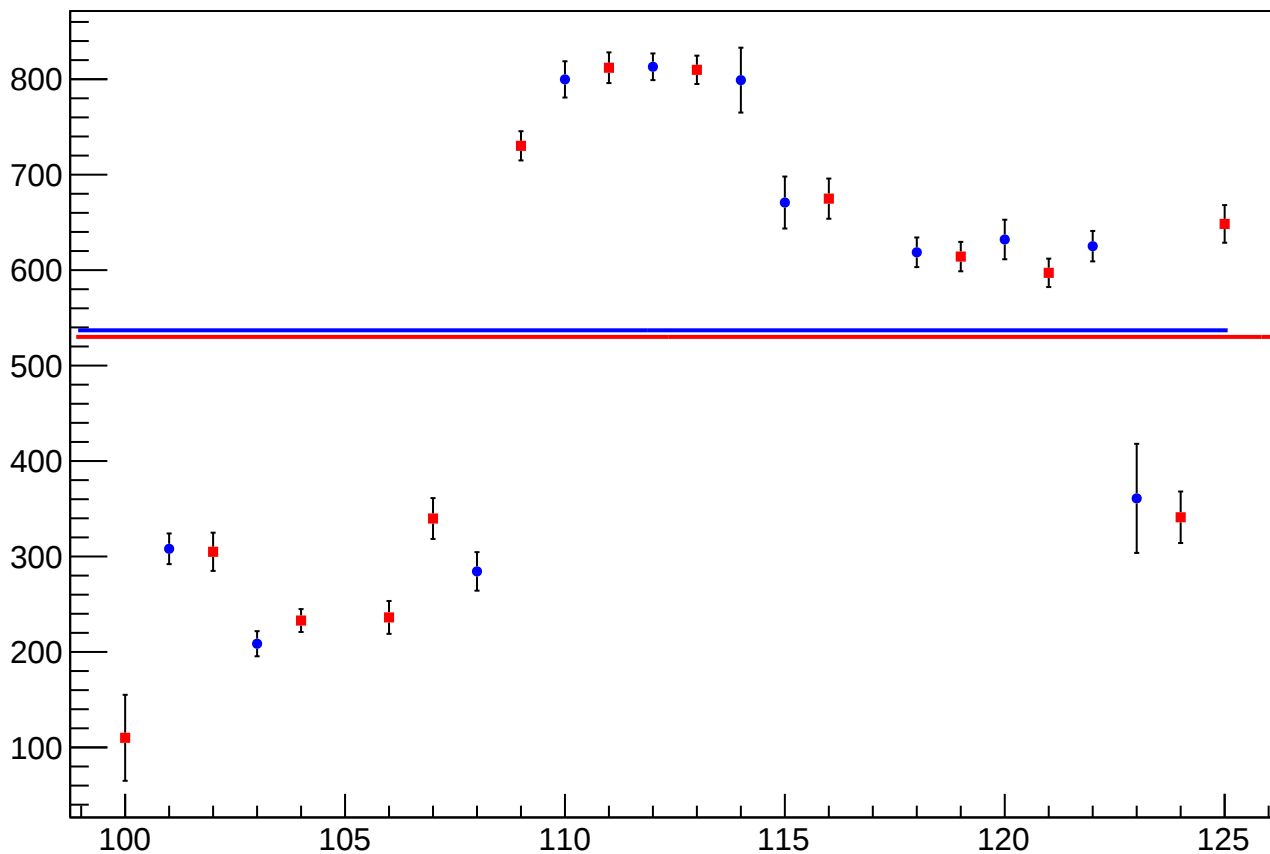
Right: 8.925+/-1.955 χ^2/NDF : 364.4/23

In: 8.737+/-2.896 χ^2/NDF : 158.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.925+/-1.955 χ^2/NDF : 364.4/23

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 536.949+/-5.512 χ^2/NDF : 1735.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 530.042+/-4.815 χ^2/NDF : 2215.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

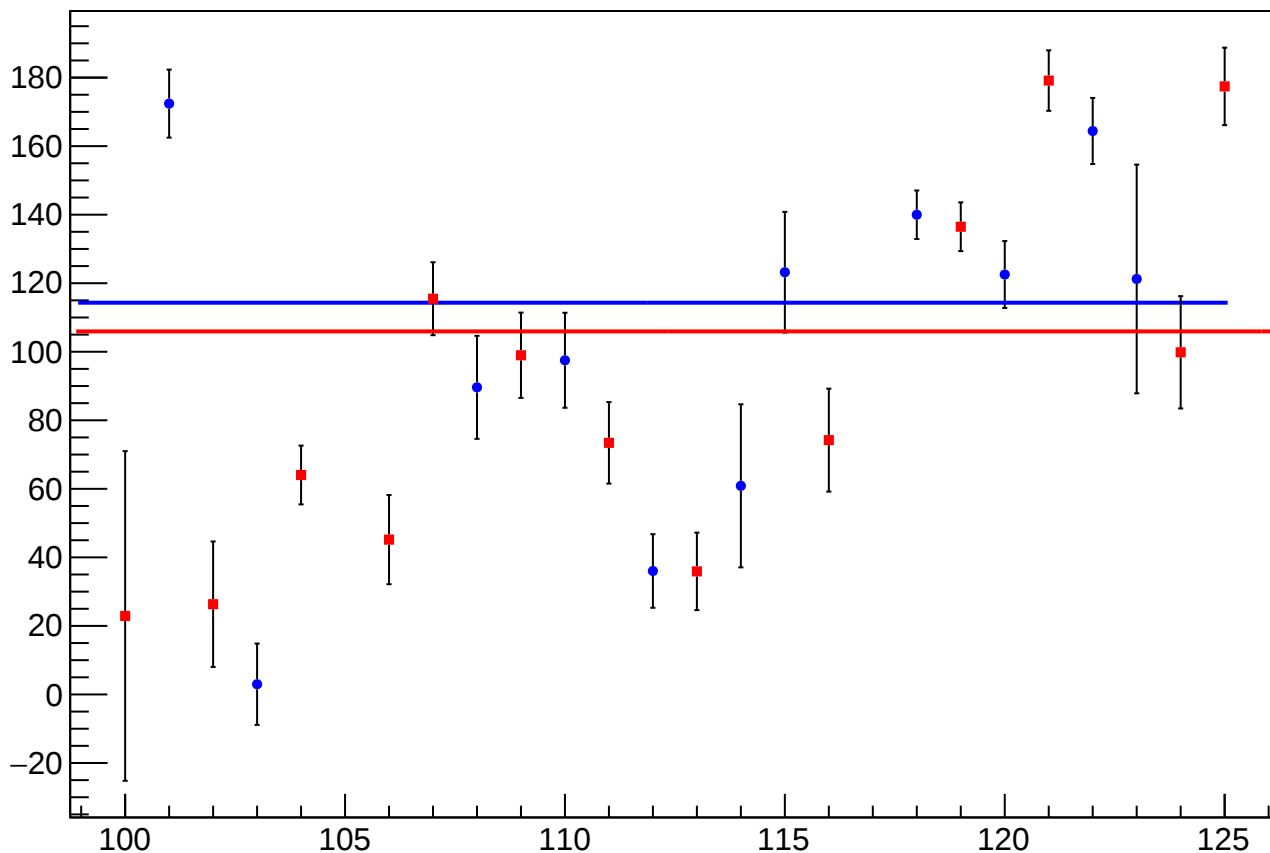
Right: 533.032+/-3.626 χ^2/NDF : 3952.3/23

In: 536.949+/-5.512 χ^2/NDF : 1735.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 533.032+/-3.626 χ^2/NDF : 3952.3/23

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 114.315+/-3.479 χ^2/NDF : 225.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.937+/-3.136 χ^2/NDF : 246.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

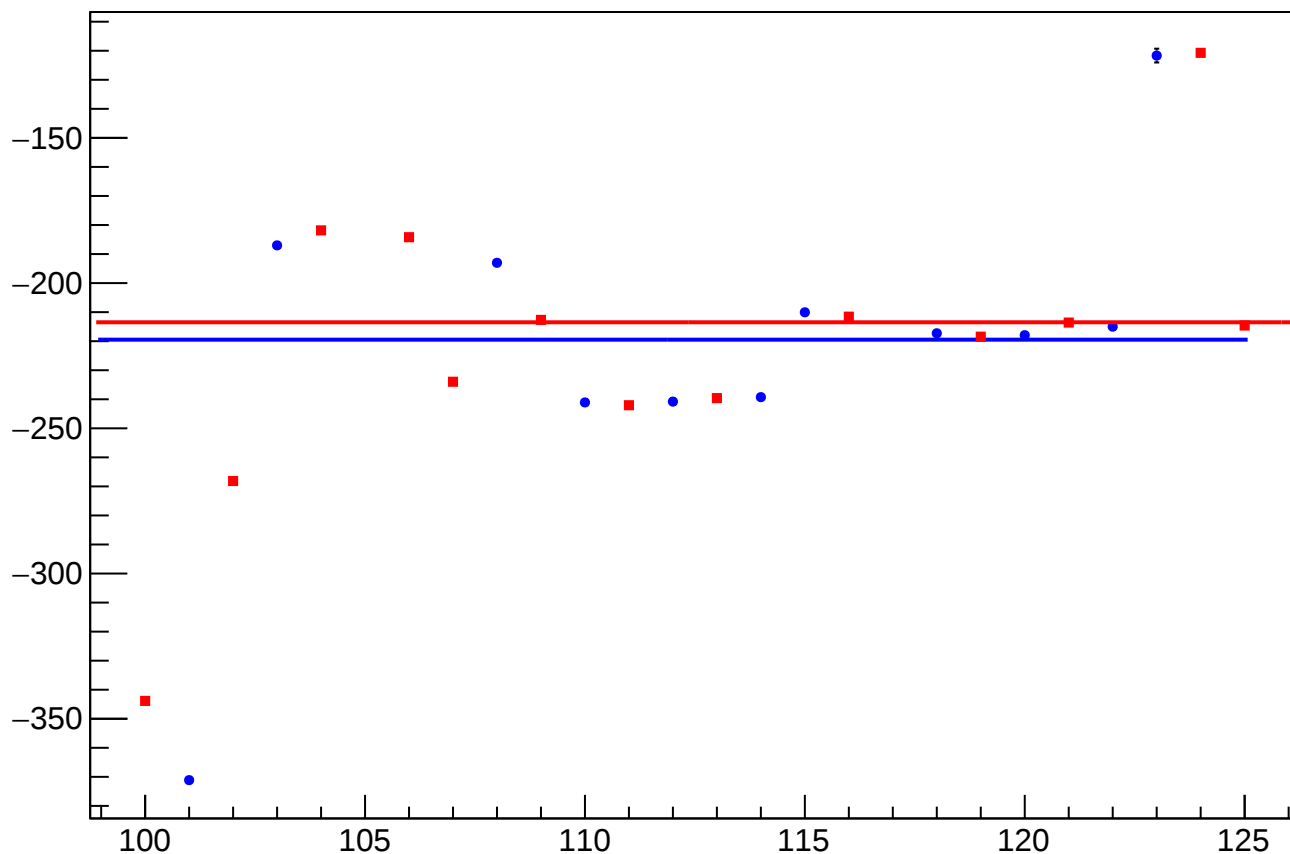
Right: 109.692+/-2.329 χ^2/NDF : 475.3/23

In: 114.315+/-3.479 χ^2/NDF : 225.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.692+/-2.329 χ^2/NDF : 475.3/23

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -219.474+/-0.183 χ^2/NDF : 87685.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -213.487+/-0.163 χ^2/NDF : 46859.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

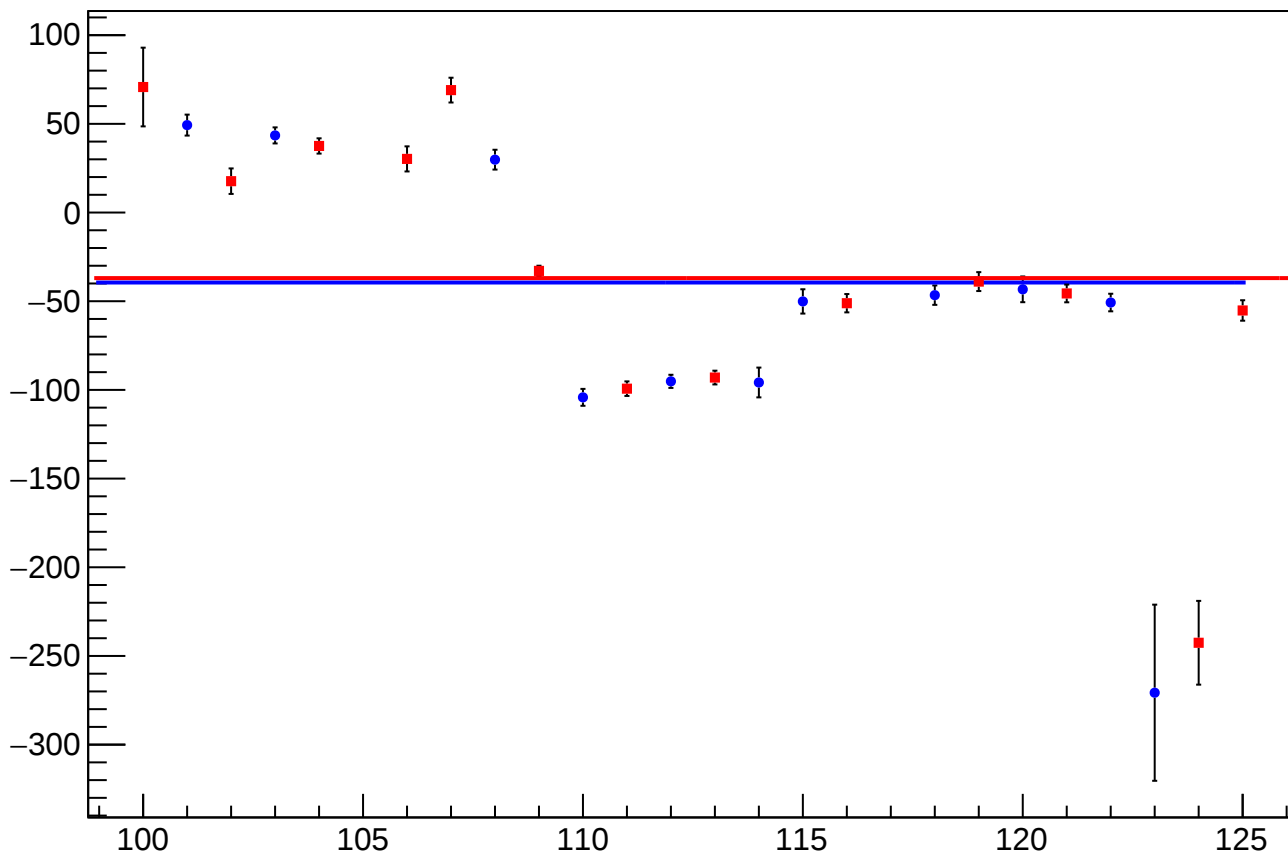
Right: -216.129+/-0.121 χ^2/NDF : 135143.4/23

In: -219.474+/-0.183 χ^2/NDF : 87685.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -216.129+/-0.121 χ^2/NDF : 135143.4/23

reg_asym_at2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -39.450+/-1.677 χ^2/NDF : 1203.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.965+/-1.410 χ^2/NDF : 1239.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

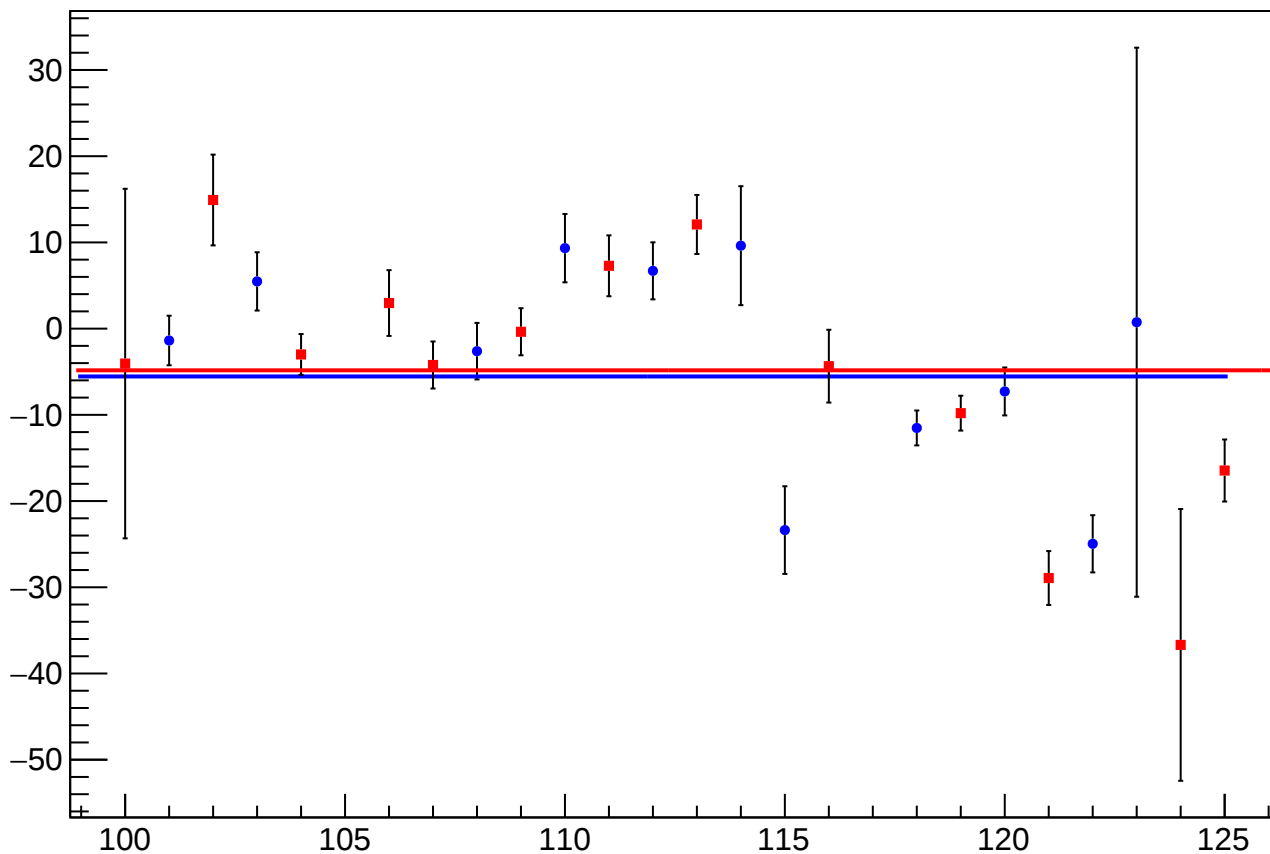
Right: -37.994+/-1.079 χ^2/NDF : 2444.6/23

In: -39.450+/-1.677 χ^2/NDF : 1203.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.994+/-1.079 χ^2/NDF : 2444.6/23

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.548+/-1.009 χ^2/NDF : 101.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.836+/-0.911 χ^2/NDF : 137.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

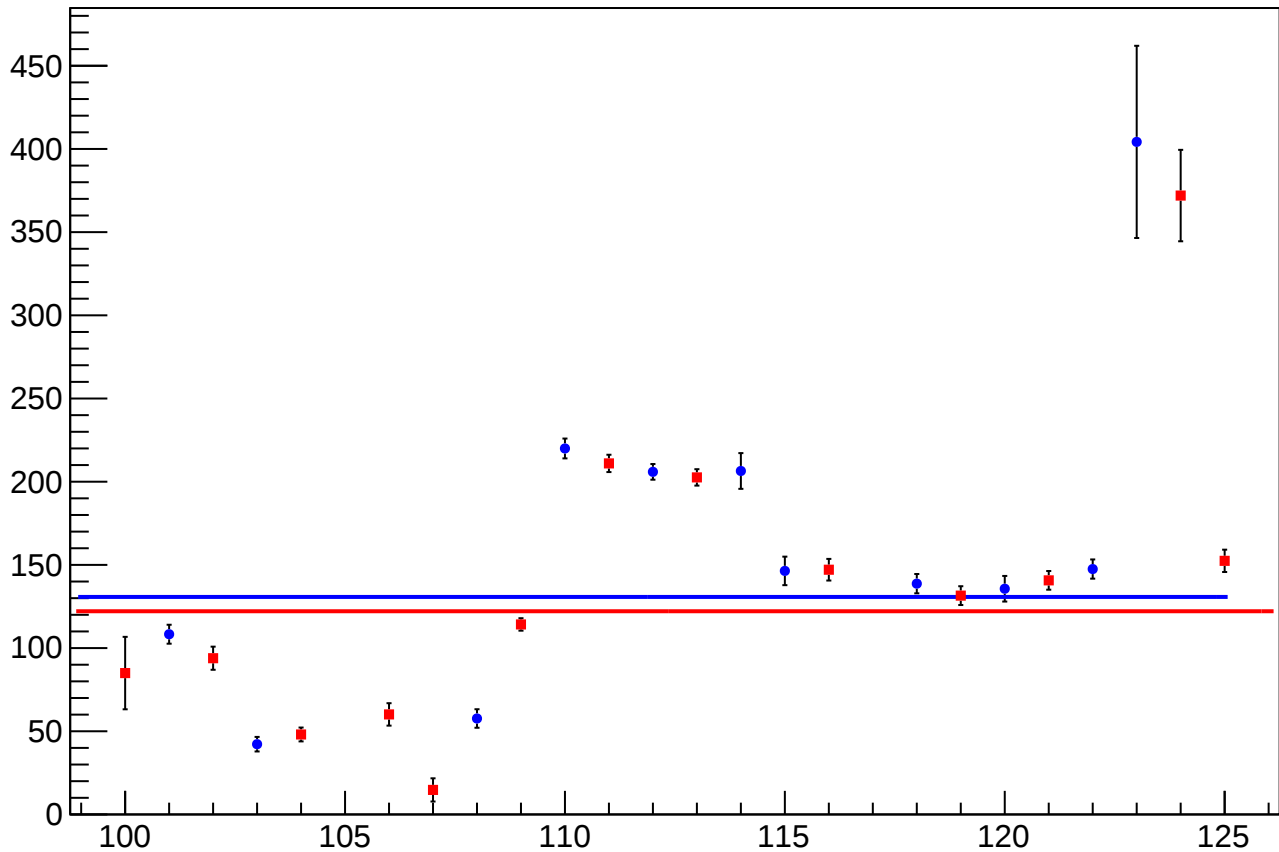
Right: -5.156+/-0.676 χ^2/NDF : 239.9/23

In: -5.548+/-1.009 χ^2/NDF : 101.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.156+/-0.676 χ^2/NDF : 239.9/23

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 130.742 $\pm$ 1.864 χ^2 /NDF: 1161.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 122.137 $\pm$ 1.617 χ^2 /NDF: 1351.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

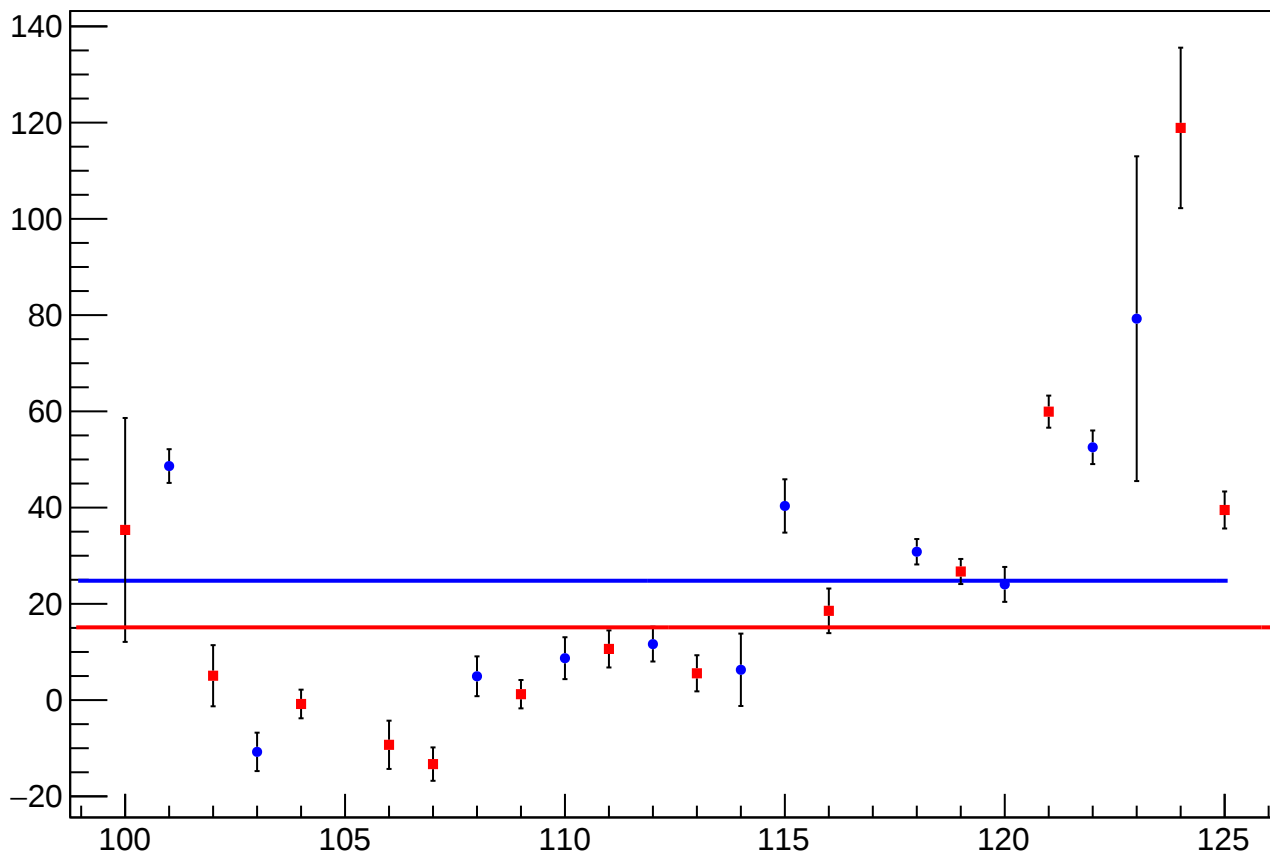
Right: 125.830 $\pm$ 1.221 χ^2 /NDF: 2525.3/23

In: 130.742 $\pm$ 1.864 χ^2 /NDF:1161.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 125.830 $\pm$ 1.221 χ^2 /NDF: 2525.3/23

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 24.802 $\pm$ 1.209 χ^2 /NDF: 260.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 15.116 $\pm$ 1.072 χ^2 /NDF: 432.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

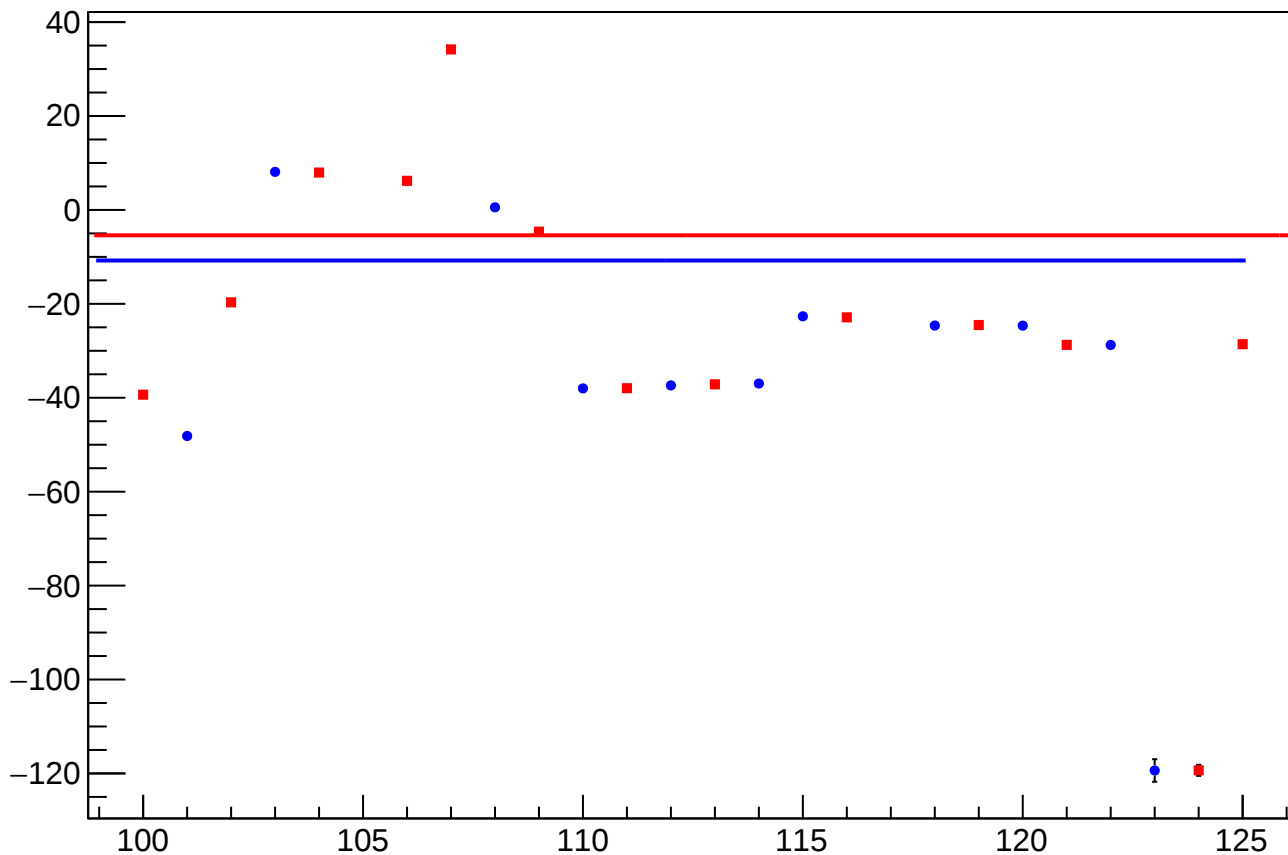
Right: 19.380 $\pm$ 0.802 χ^2 /NDF: 729.2/23

In: 24.802 $\pm$ 1.209 χ^2 /NDF:260.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 19.380 $\pm$ 0.802 χ^2 /NDF: 729.2/23

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -10.765+/-0.060 χ^2/NDF : 118231.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.400+/-0.055 χ^2/NDF : 162790.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

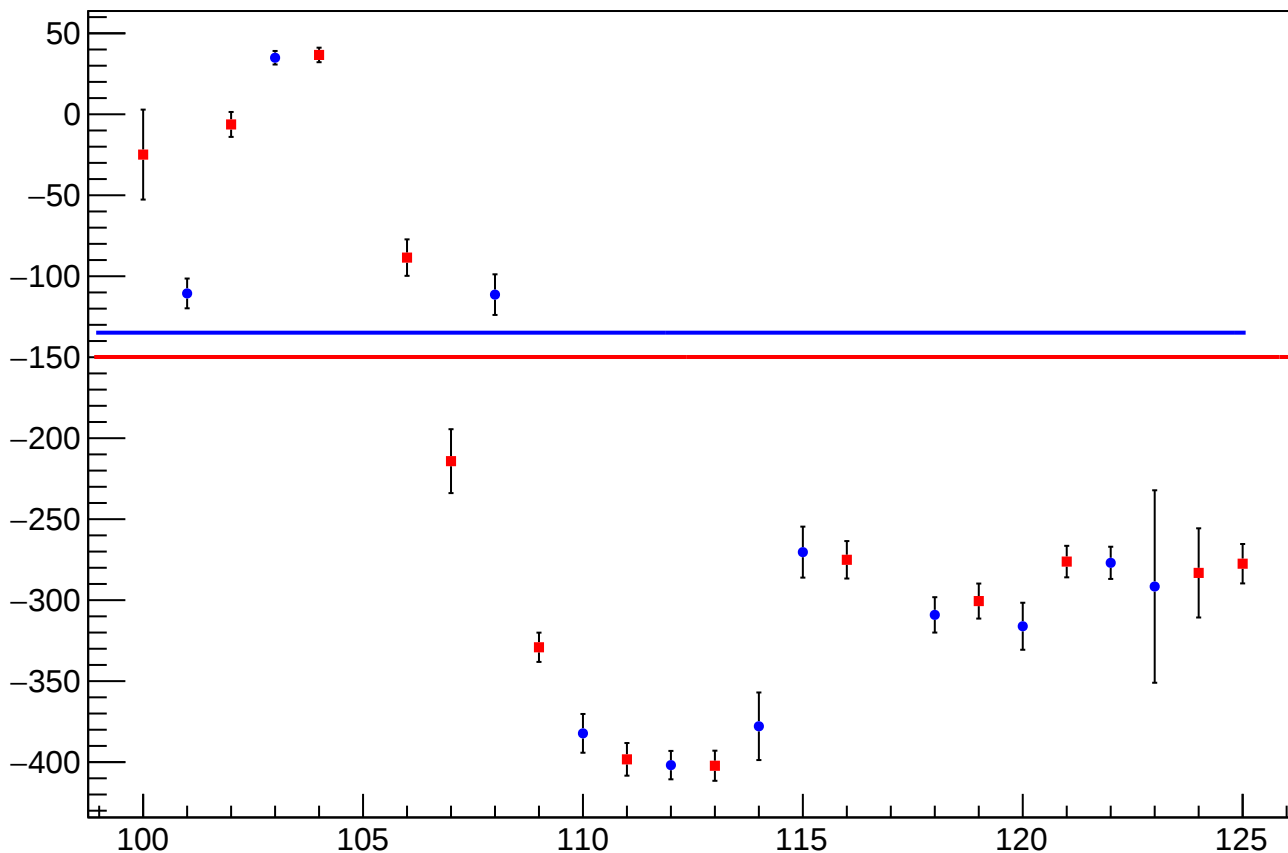
Right: -7.858+/-0.041 χ^2/NDF : 285346.3/23

In: -10.765+/-0.060 χ^2/NDF : 118231.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.858+/-0.041 χ^2/NDF : 285346.3/23

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -134.842+/-2.828 χ^2/NDF : 3839.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -149.857+/-2.612 χ^2/NDF : 4485.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

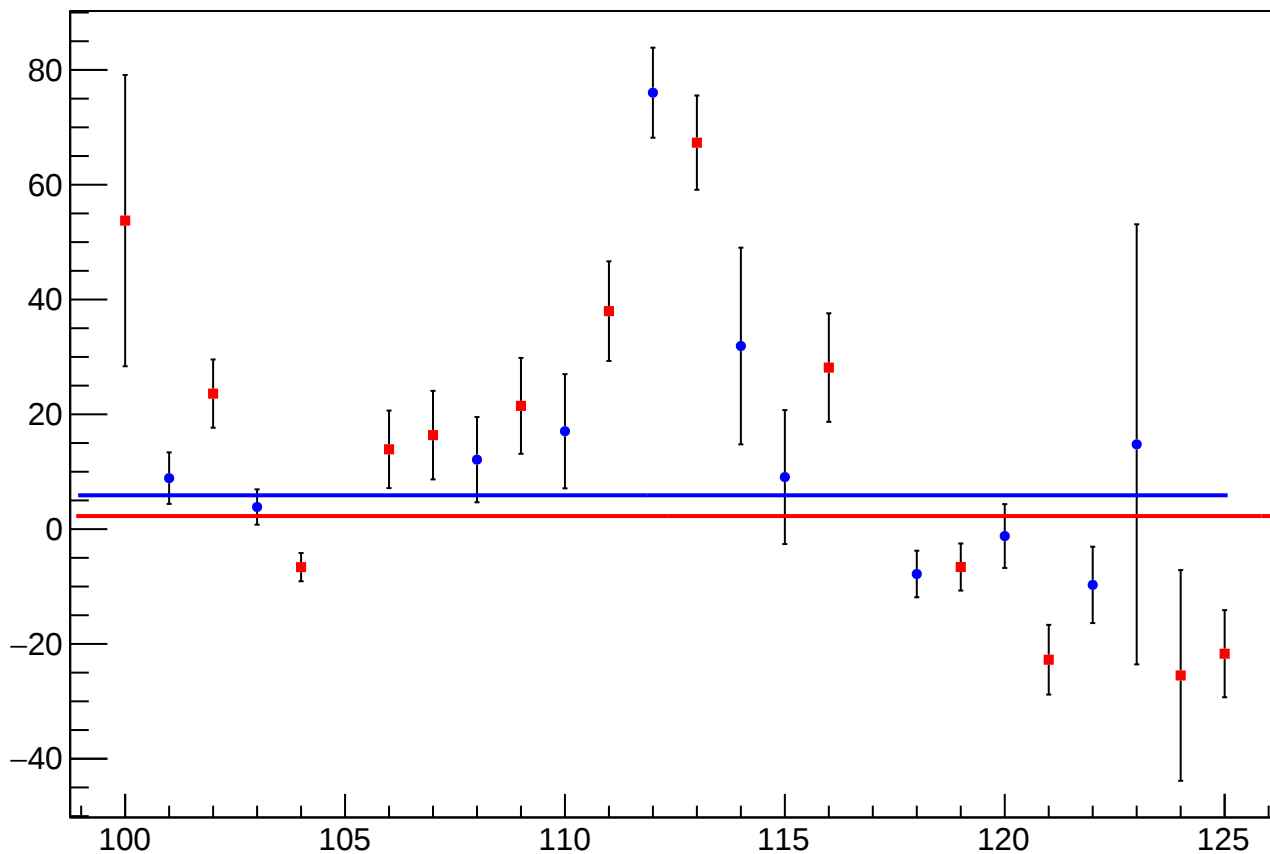
Right: -142.944+/-1.919 χ^2/NDF : 8340.1/23

In: -134.842+/-2.828 χ^2/NDF : 3839.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -142.944+/-1.919 χ^2/NDF : 8340.1/23

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.893+/-1.749 χ^2/NDF : 103.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.279+/-1.592 χ^2/NDF : 162.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

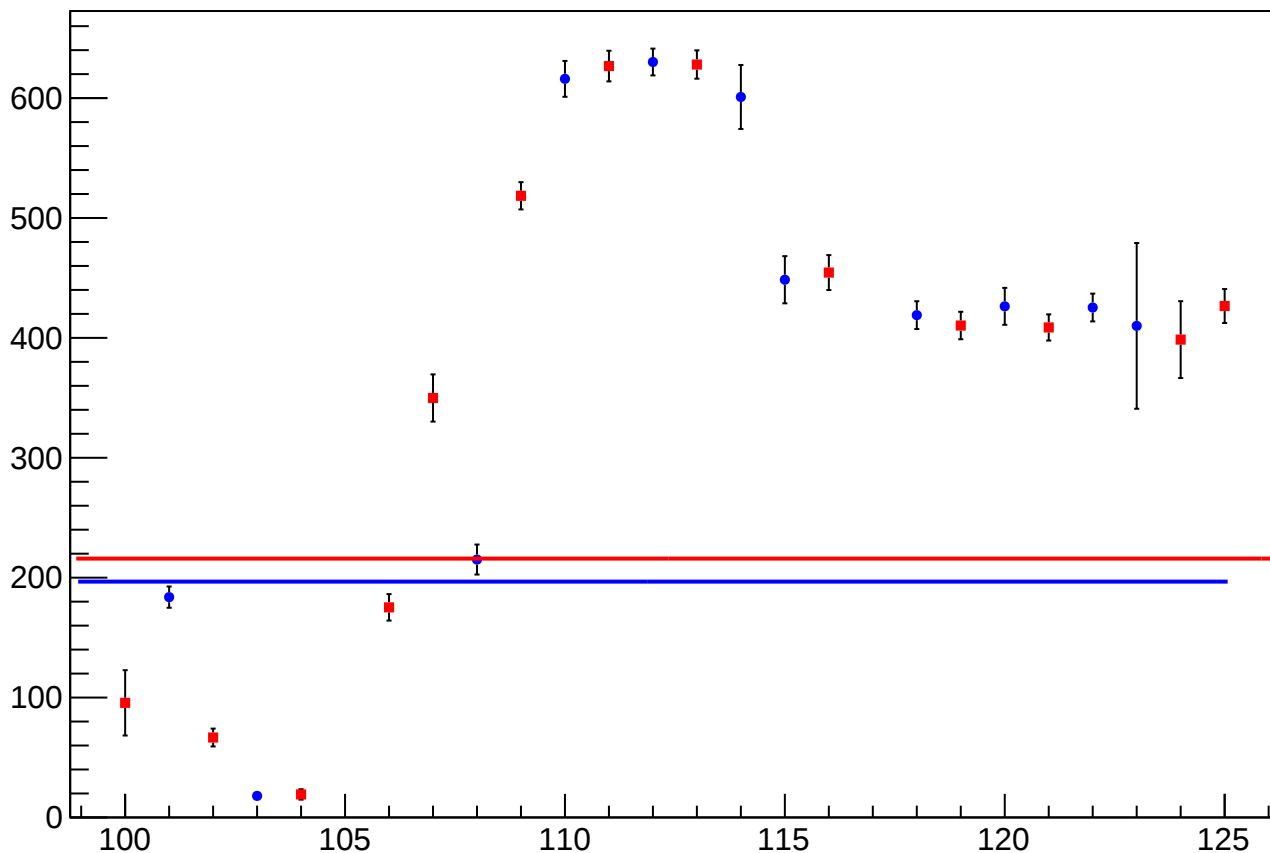
Right: 3.916+/-1.177 χ^2/NDF : 268.9/23

In: 5.893+/-1.749 χ^2/NDF : 103.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.916+/-1.177 χ^2/NDF : 268.9/23

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 196.710+/-2.938 χ^2/NDF : 5625.1/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 215.910+/-2.765 χ^2/NDF : 6605.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

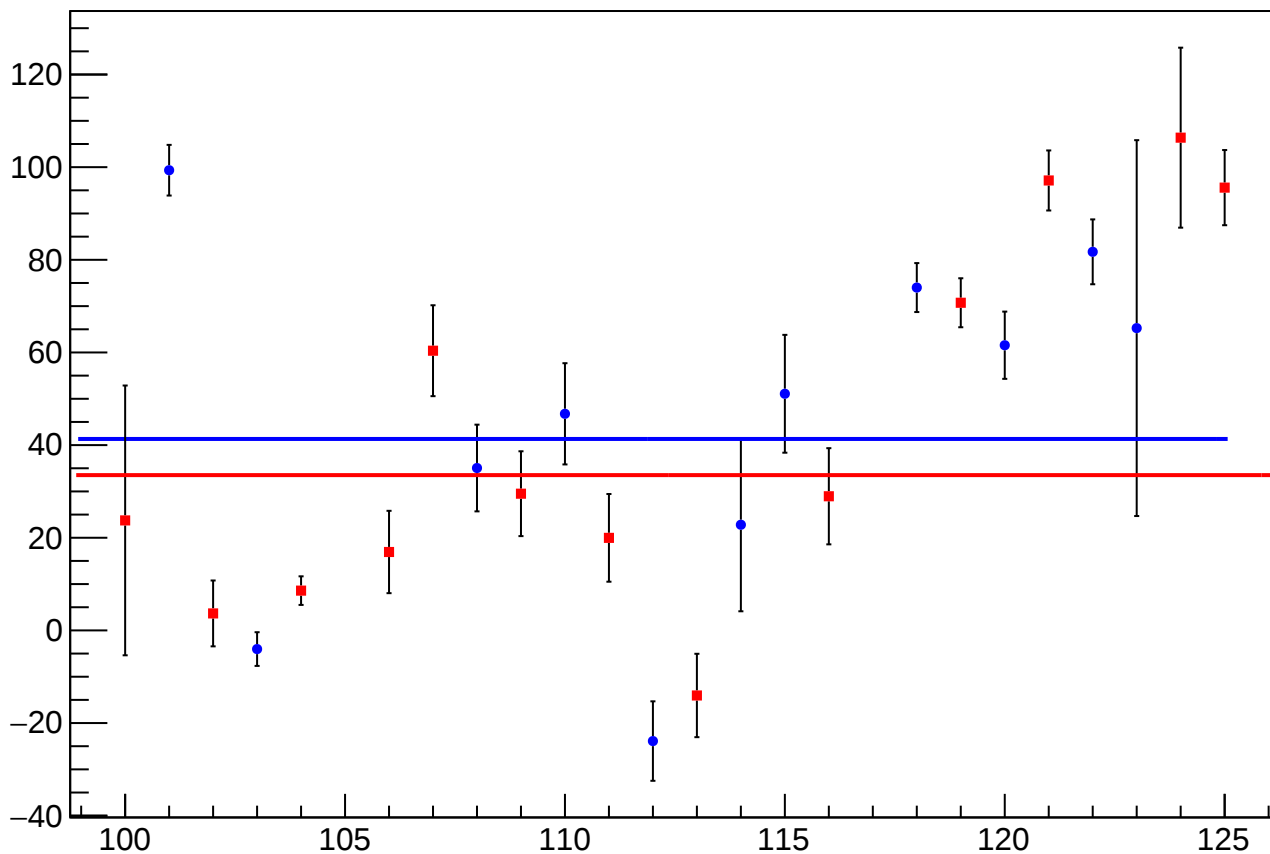
Right: 206.890+/-2.014 χ^2/NDF : 12253.5/23

In: 196.710+/-2.938 χ^2/NDF :5625.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 206.890+/-2.014 χ^2/NDF : 12253.5/23

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.328+/-2.098 χ^2/NDF : 407.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.522+/-1.920 χ^2/NDF : 342.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

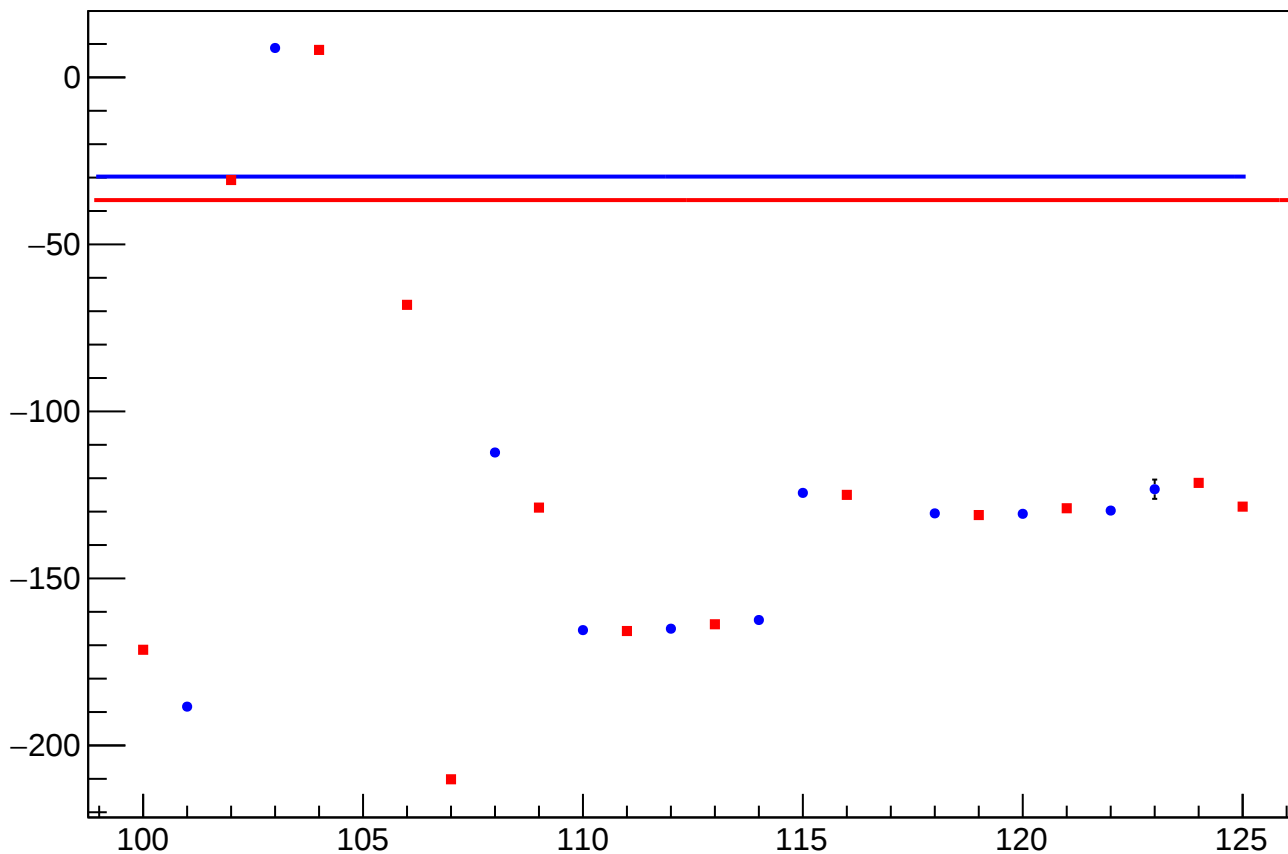
Right: 37.081+/-1.417 χ^2/NDF : 758.0/23

In: 41.328+/-2.098 χ^2/NDF : 407.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.081+/-1.417 χ^2/NDF : 758.0/23

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -29.698 ± 0.079 $\chi^2/\text{NDF}: 750256.9/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -36.735 ± 0.079 $\chi^2/\text{NDF}: 616300.4/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

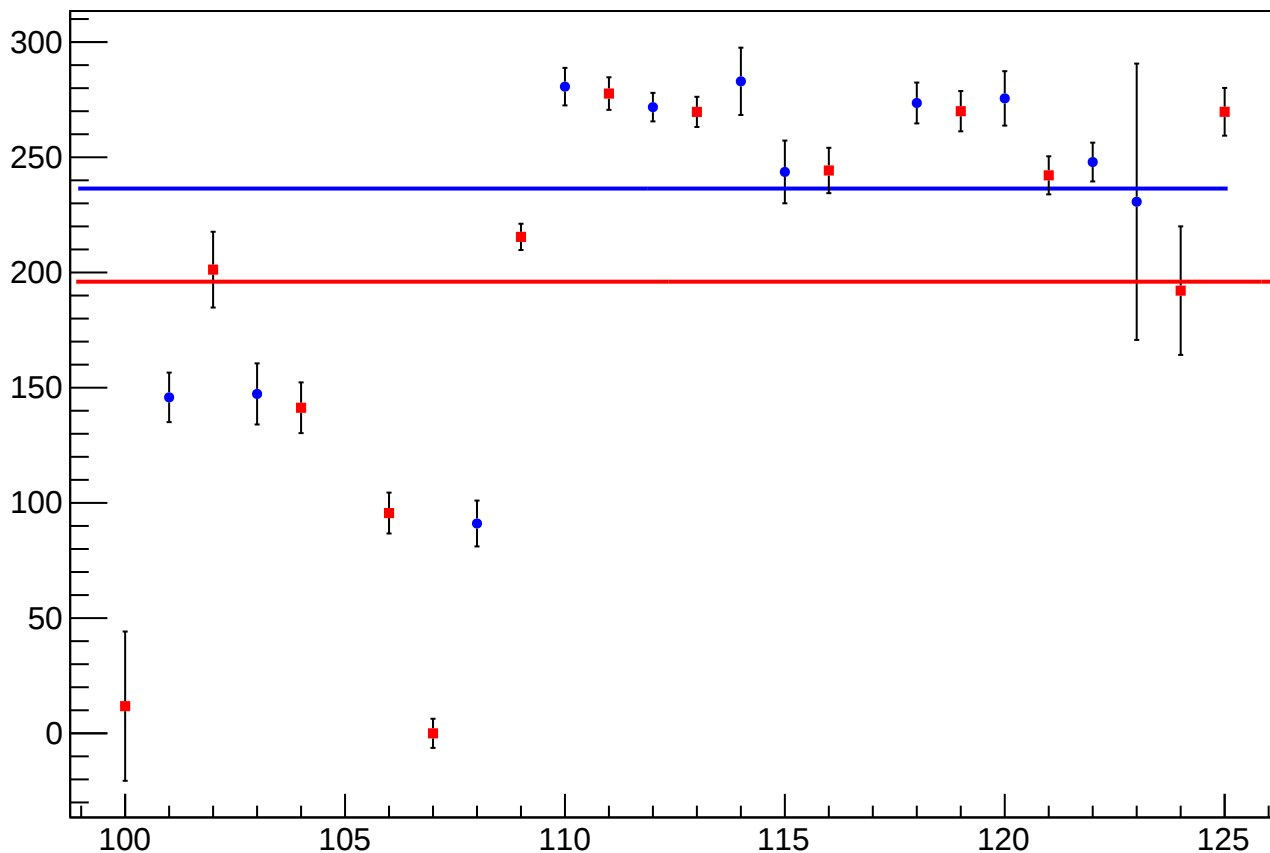
Right: -33.208 ± 0.056 $\chi^2/\text{NDF}: 1370561.8/23$

In: -29.698 ± 0.079 $\chi^2/\text{NDF}: 750256.9/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -33.208 ± 0.056 $\chi^2/\text{NDF}: 1370561.8/23$

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 236.430 $\pm$ 3.016 χ^2 /NDF: 432.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 196.011 $\pm$ 2.402 χ^2 /NDF: 1594.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

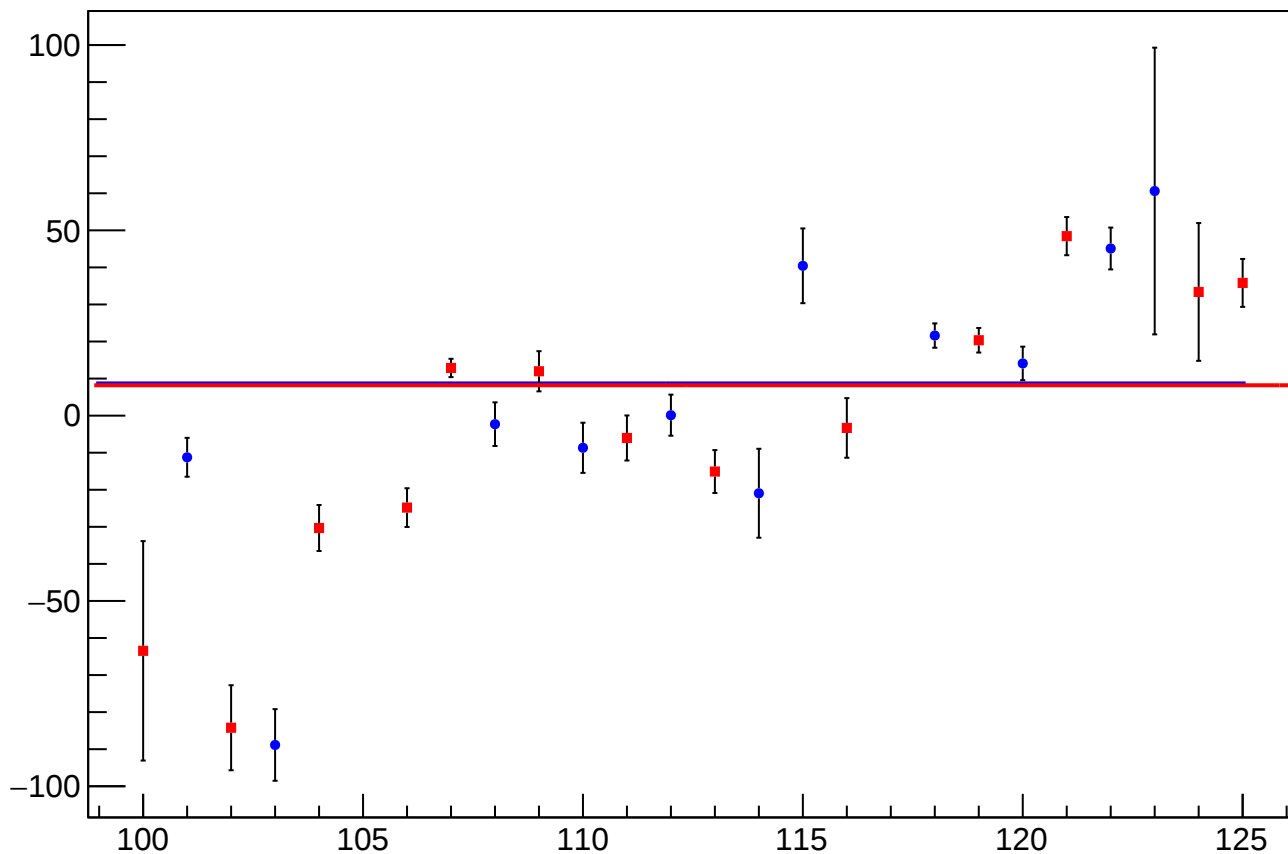
Right: 211.695 $\pm$ 1.879 χ^2 /NDF: 2136.6/23

In: 236.430 $\pm$ 3.016 χ^2 /NDF:432.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 211.695 $\pm$ 1.879 χ^2 /NDF: 2136.6/23

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.693 $\pm$ 1.766 χ^2 /NDF: 205.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 8.194 $\pm$ 1.418 χ^2 /NDF: 271.6/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

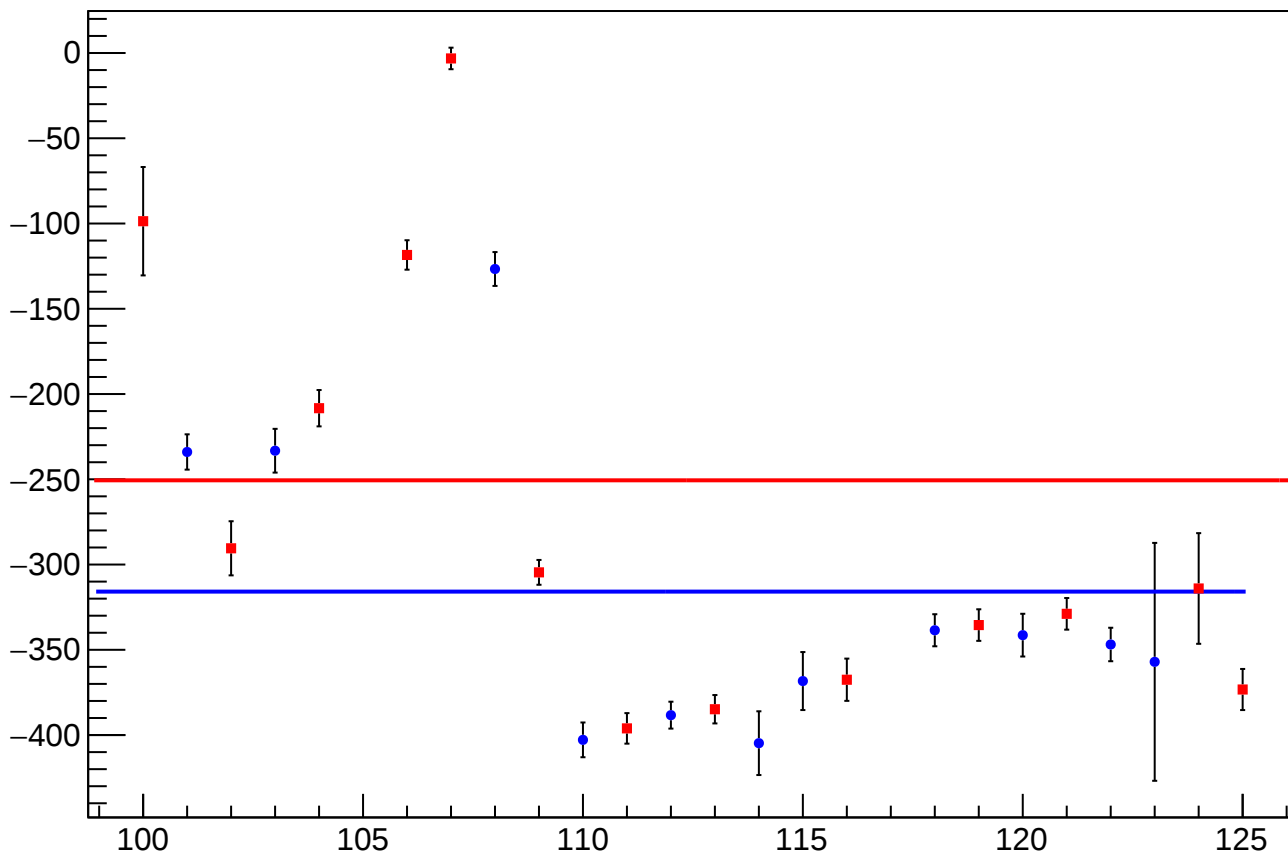
Right: 8.390 $\pm$ 1.106 χ^2 /NDF: 476.6/23

In: 8.693 $\pm$ 1.766 χ^2 /NDF:205.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 8.390 $\pm$ 1.106 χ^2 /NDF: 476.6/23

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -315.870+/-3.413 χ^2/NDF : 677.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -250.603+/-2.715 χ^2/NDF : 2744.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

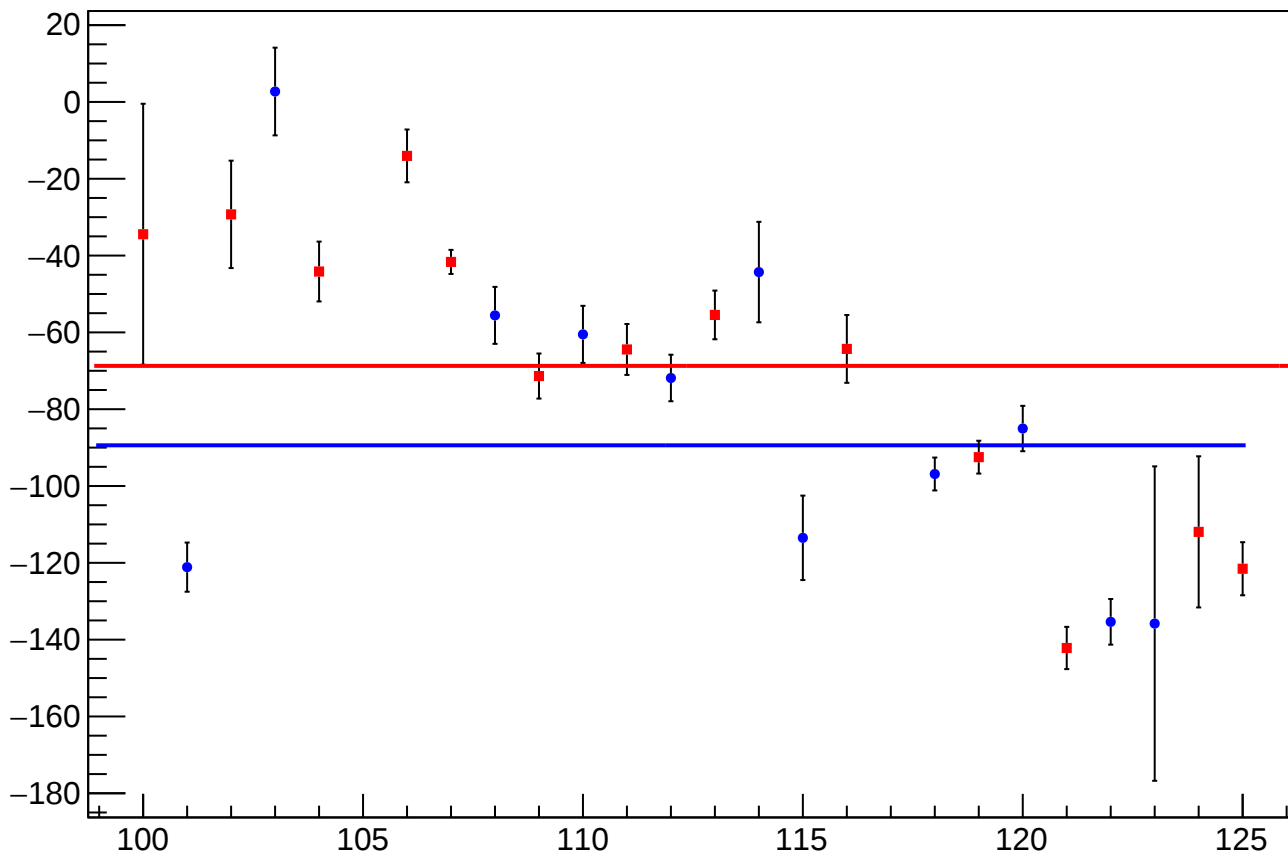
Right: -275.898+/-2.125 χ^2/NDF : 3645.1/23

In: -315.870+/-3.413 χ^2/NDF : 677.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -275.898+/-2.125 χ^2/NDF : 3645.1/23

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -89.403 $\pm$ 2.123 χ^2 /NDF: 215.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -68.720 $\pm$ 1.700 χ^2 /NDF: 434.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

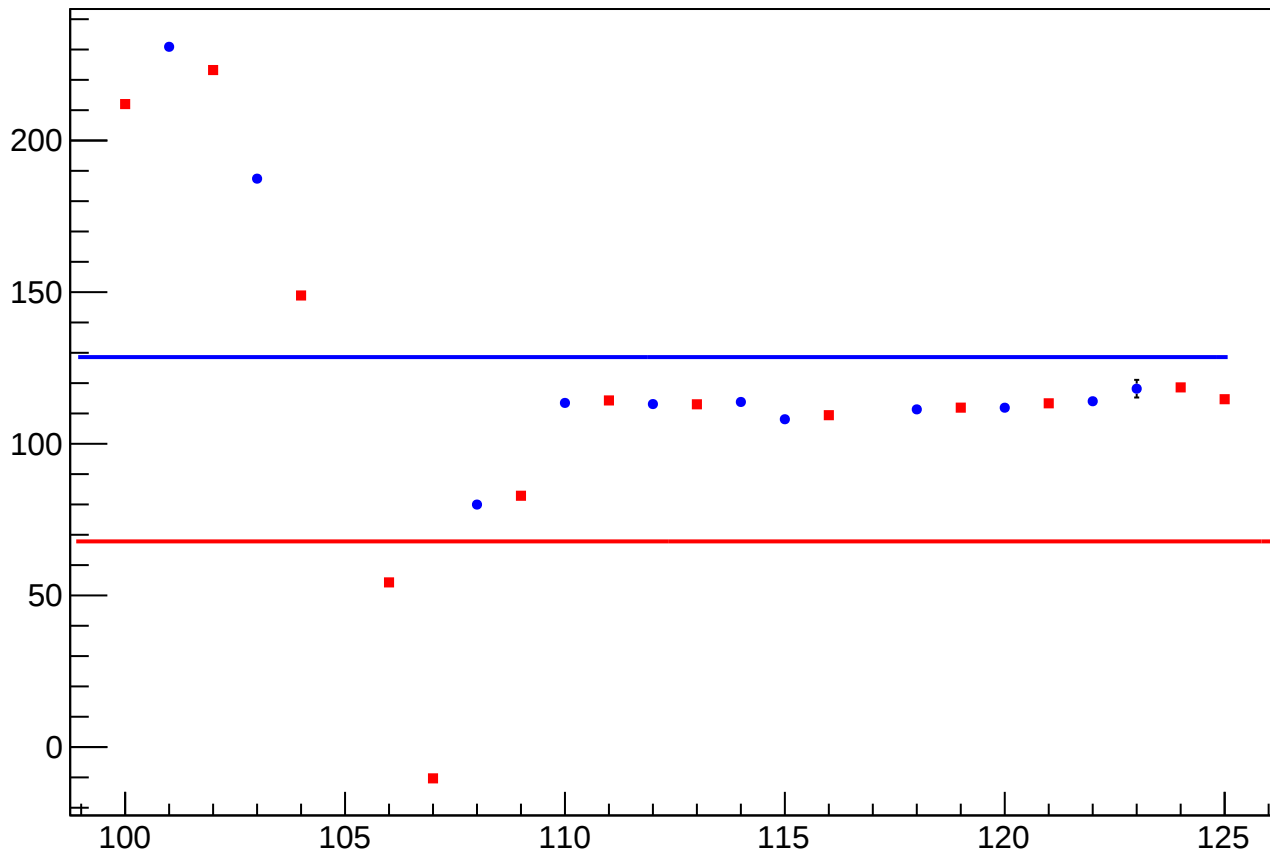
Right: -76.802 $\pm$ 1.327 χ^2 /NDF: 707.7/23

In: -89.403 $\pm$ 2.123 χ^2 /NDF:215.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -76.802 $\pm$ 1.327 χ^2 /NDF: 707.7/23

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 128.587 $\pm$ 0.120 χ^2 /NDF: 171724.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 67.818 $\pm$ 0.087 χ^2 /NDF: 642993.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

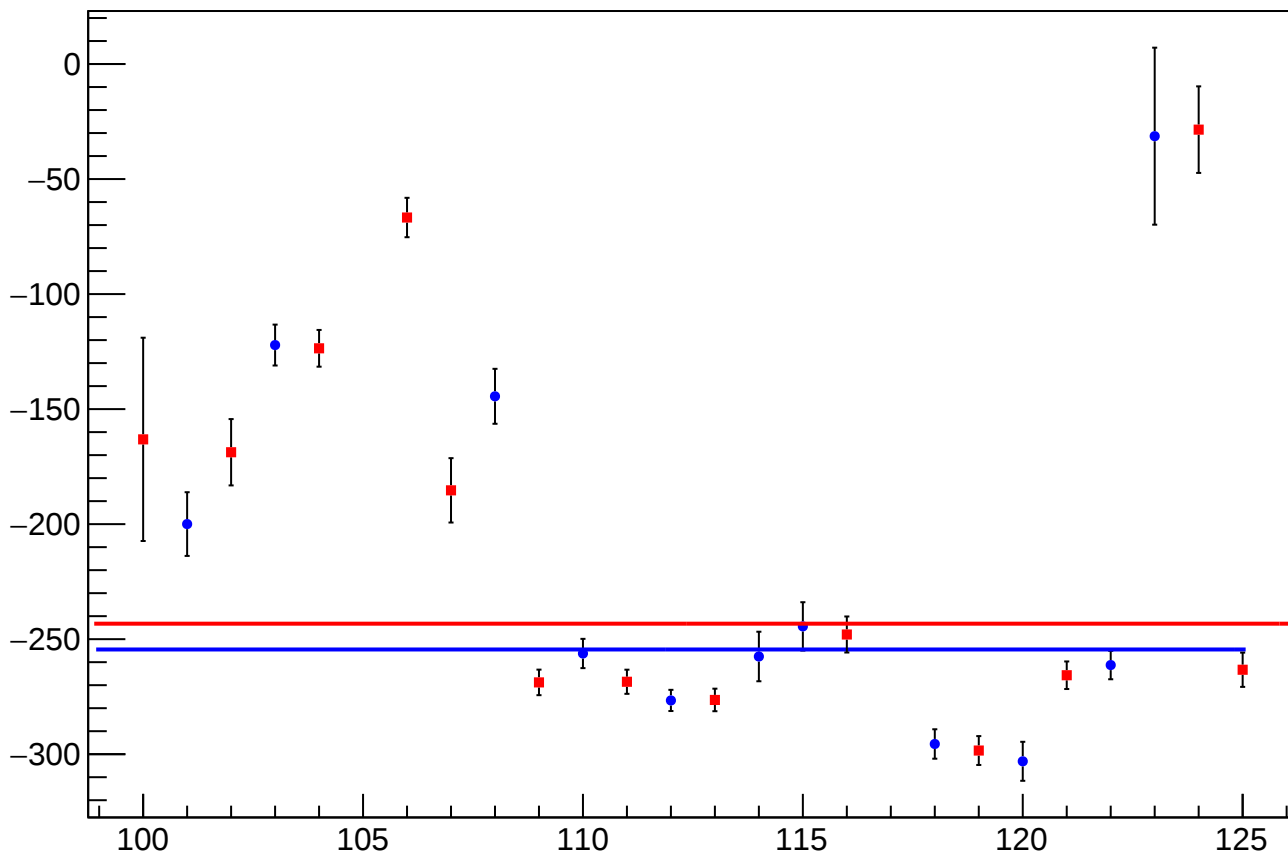
Right: 88.966 $\pm$ 0.071 χ^2 /NDF: 982621.0/23

In: 128.587 $\pm$ 0.120 χ^2 /NDF: 171724.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 88.966 $\pm$ 0.071 χ^2 /NDF: 982621.0/23

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -254.482+/-2.359 χ^2/NDF : 455.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -243.268+/-2.039 χ^2/NDF : 1016.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

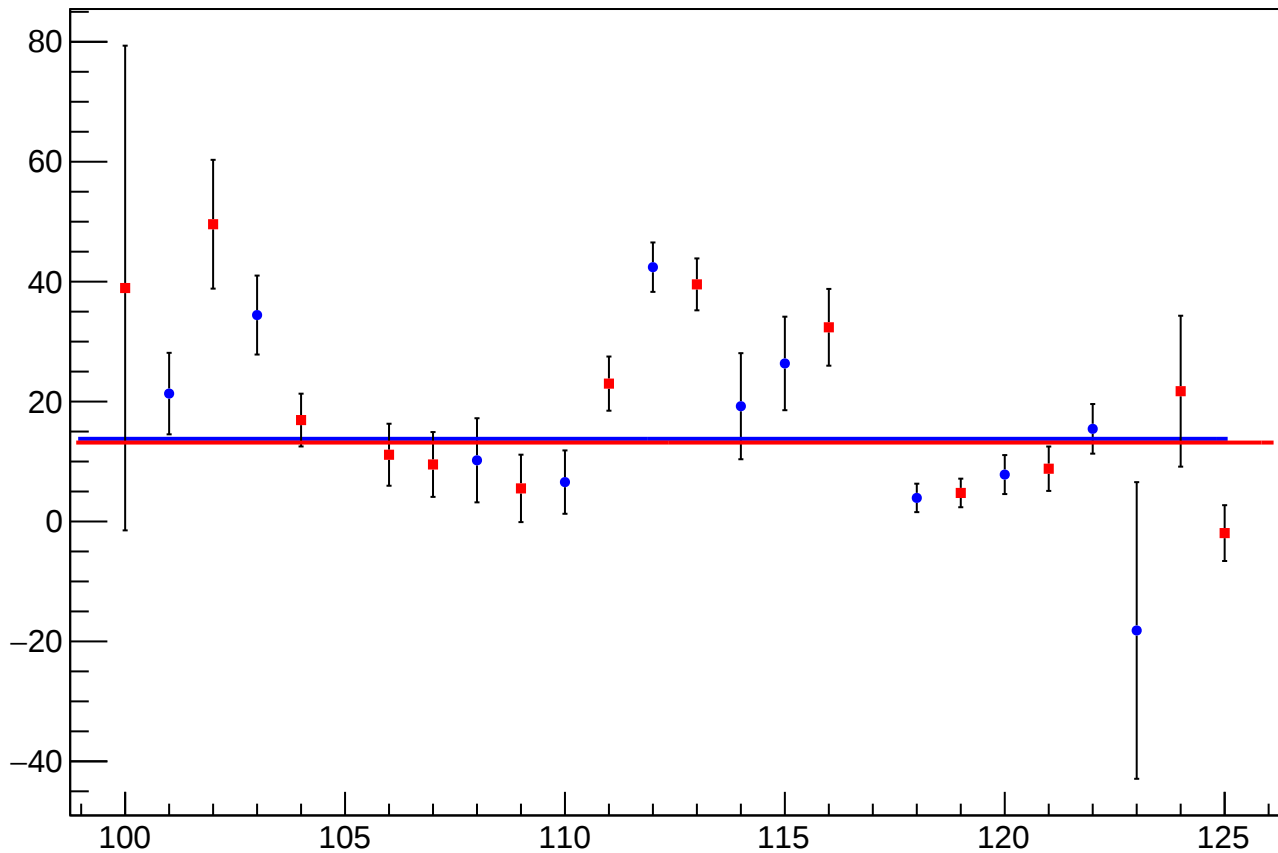
Right: -248.063+/-1.543 χ^2/NDF : 1484.2/23

In: -254.482+/-2.359 χ^2/NDF : 455.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -248.063+/-1.543 χ^2/NDF : 1484.2/23

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.788+/-1.385 χ^2/NDF : 86.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.163+/-1.299 χ^2/NDF : 90.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

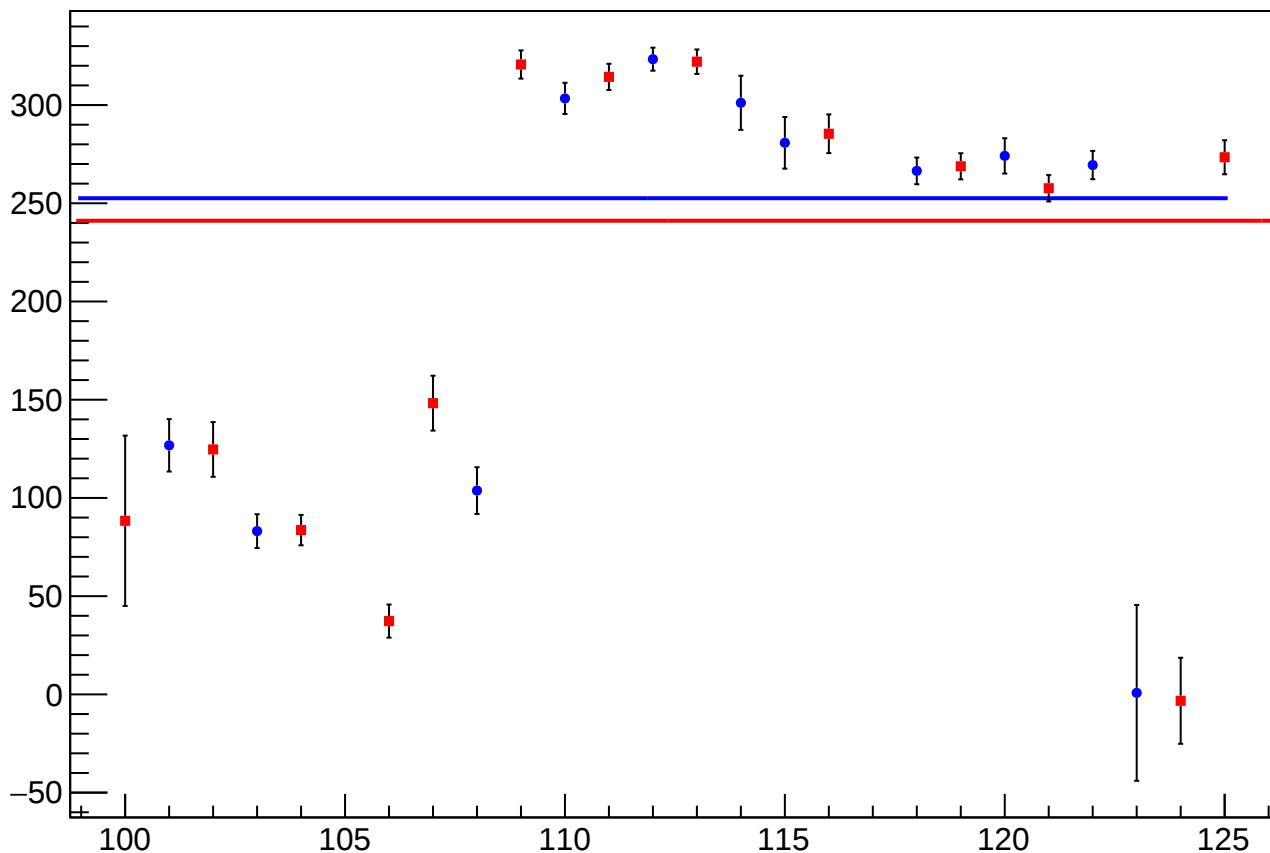
Right: 13.456+/-0.948 χ^2/NDF : 177.8/23

In: 13.788+/-1.385 χ^2/NDF : 86.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.456+/-0.948 χ^2/NDF : 177.8/23

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 252.570+/-2.712 χ^2/NDF : 884.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 241.091+/-2.357 χ^2/NDF : 1721.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

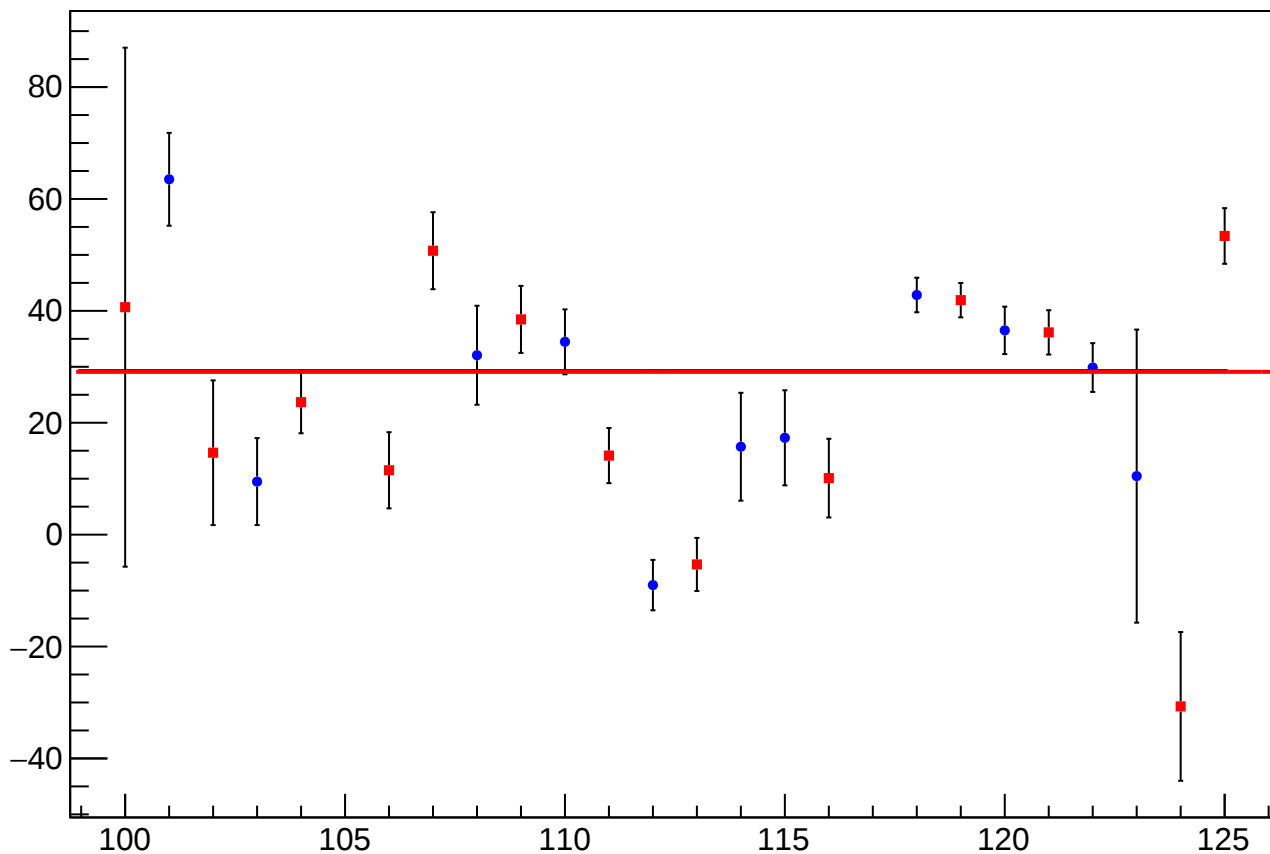
Right: 246.031+/-1.779 χ^2/NDF : 2615.7/23

In: 252.570+/-2.712 χ^2/NDF : 884.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 246.031+/-1.779 χ^2/NDF : 2615.7/23

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 29.237+/-1.662 χ^2 /NDF: 123.4/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 29.104+/-1.523 χ^2 /NDF: 155.2/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

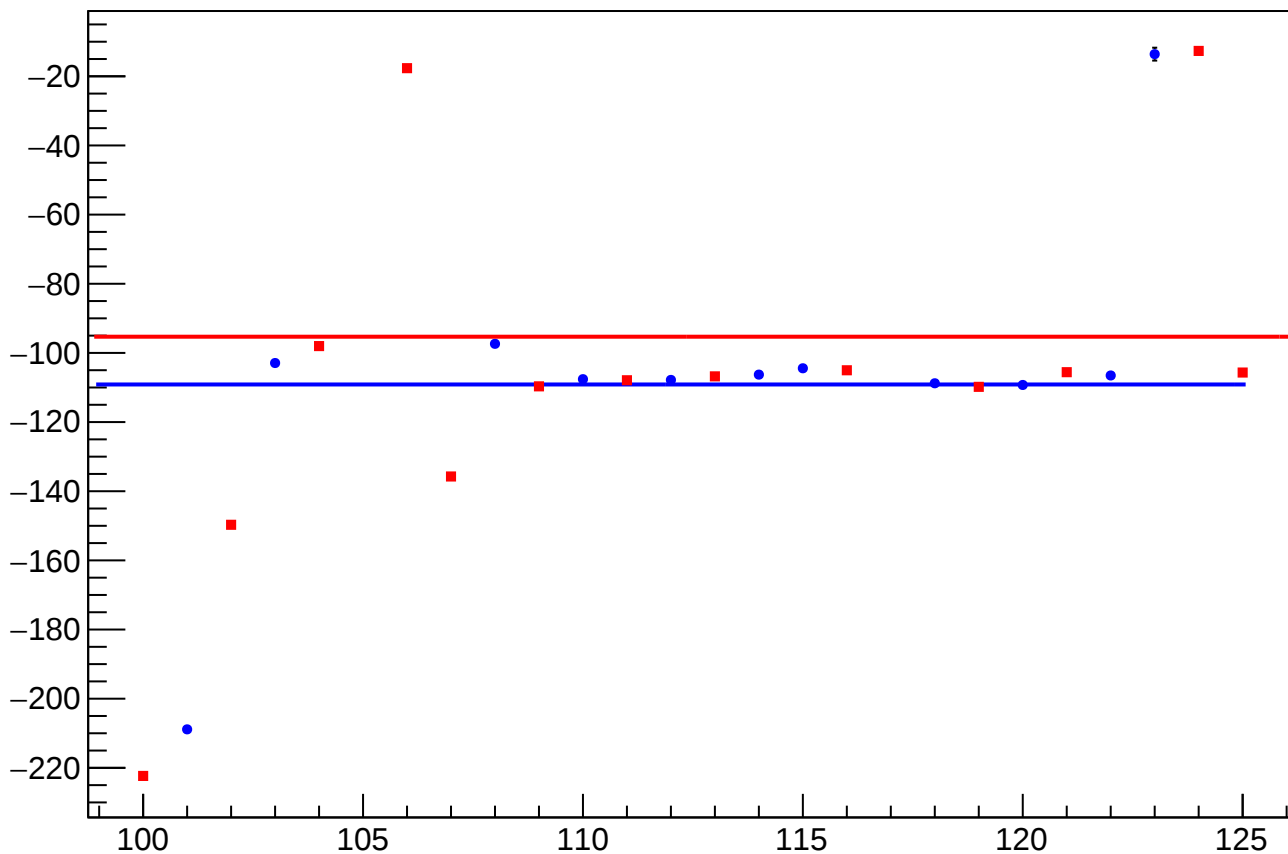
Right: 29.165+/-1.123 χ^2 /NDF: 278.6/23

In: 29.237+/-1.662 χ^2 /NDF:123.4/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 29.165+/-1.123 χ^2 /NDF: 278.6/23

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -109.127+/-0.100 χ^2/NDF : 48920.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -95.312+/-0.085 χ^2/NDF : 210031.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

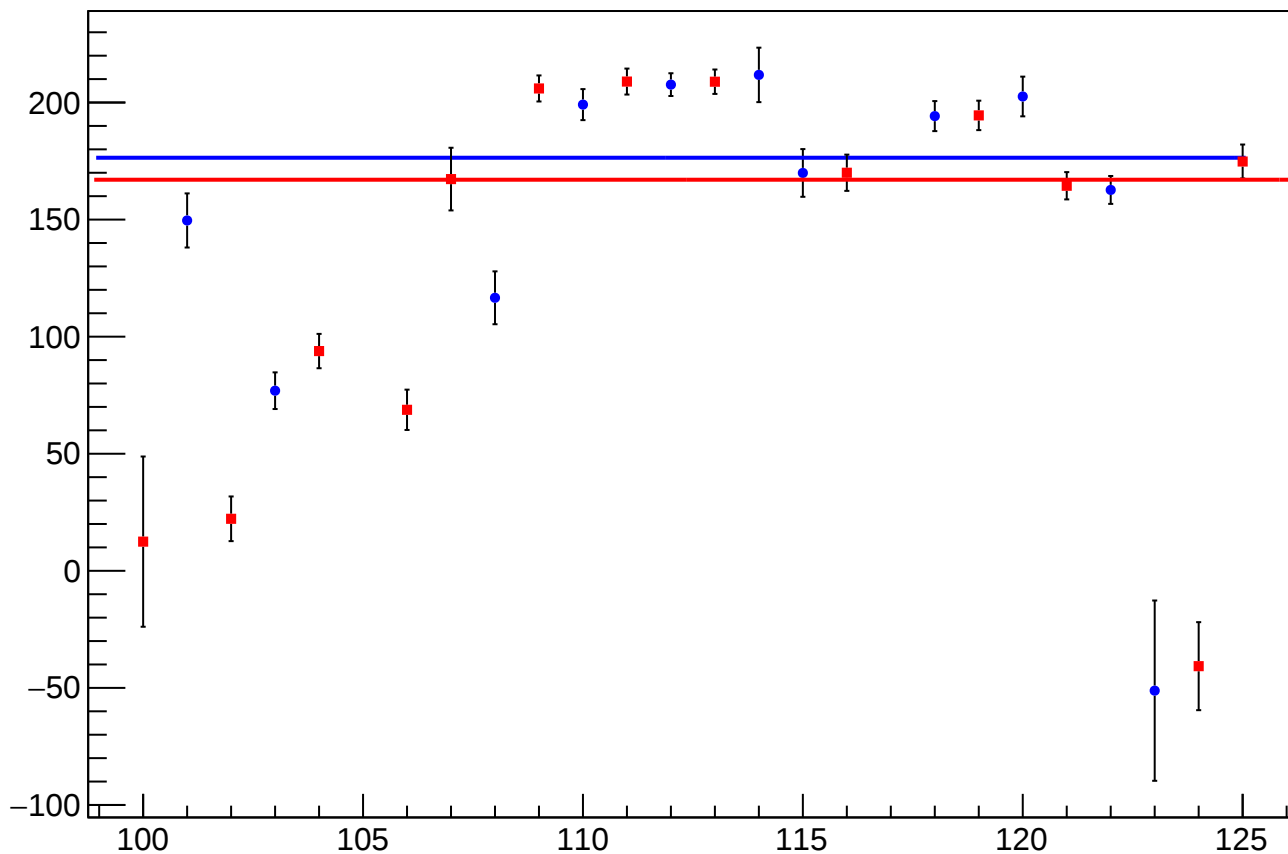
Right: -101.144+/-0.065 χ^2/NDF : 270088.9/23

In: -109.127+/-0.100 χ^2/NDF : 48920.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.144+/-0.065 χ^2/NDF : 270088.9/23

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 176.416+/-2.351 χ^2/NDF : 315.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.027+/-2.023 χ^2/NDF : 791.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

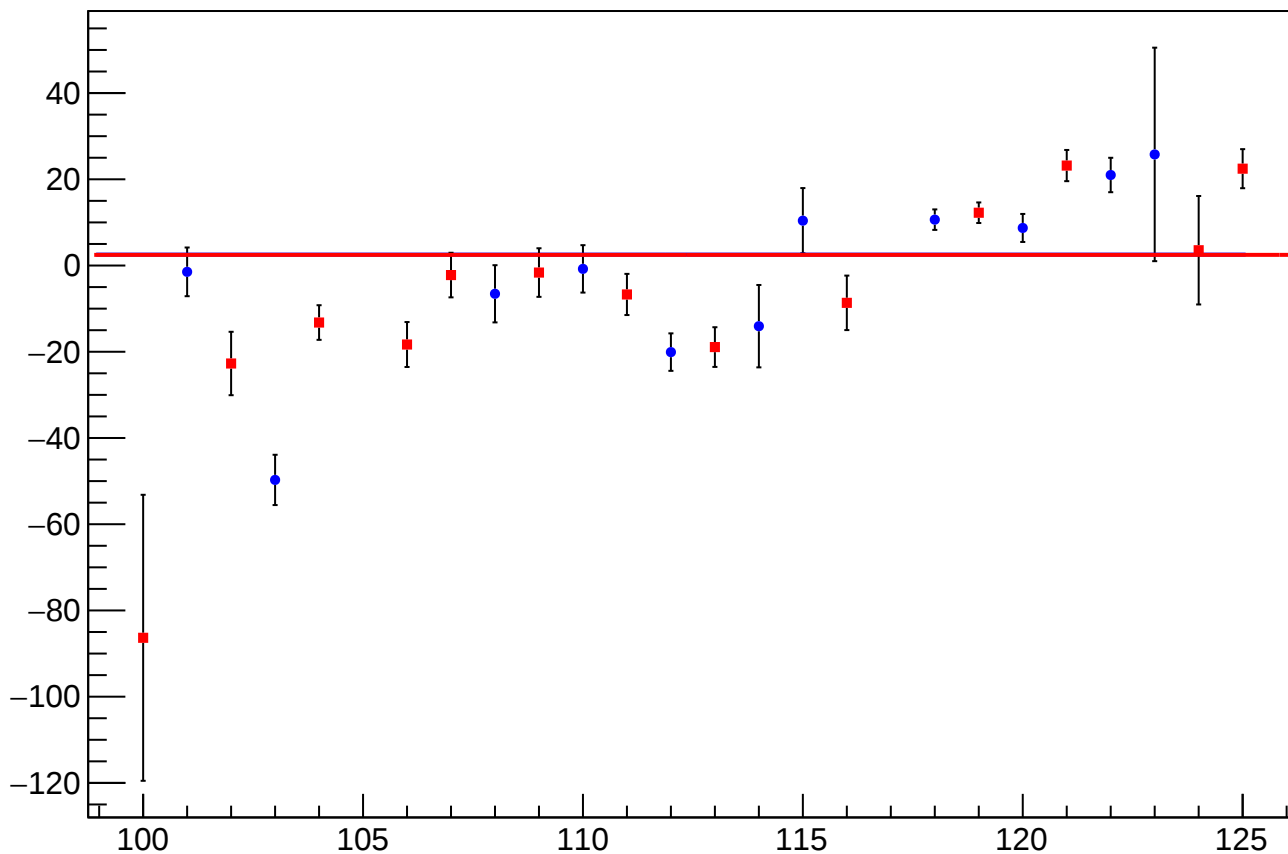
Right: 171.021+/-1.533 χ^2/NDF : 1116.2/23

In: 176.416+/-2.351 χ^2/NDF : 315.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.021+/-1.533 χ^2/NDF : 1116.2/23

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.529+/-1.368 χ^2/NDF : 151.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.473+/-1.280 χ^2/NDF : 148.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

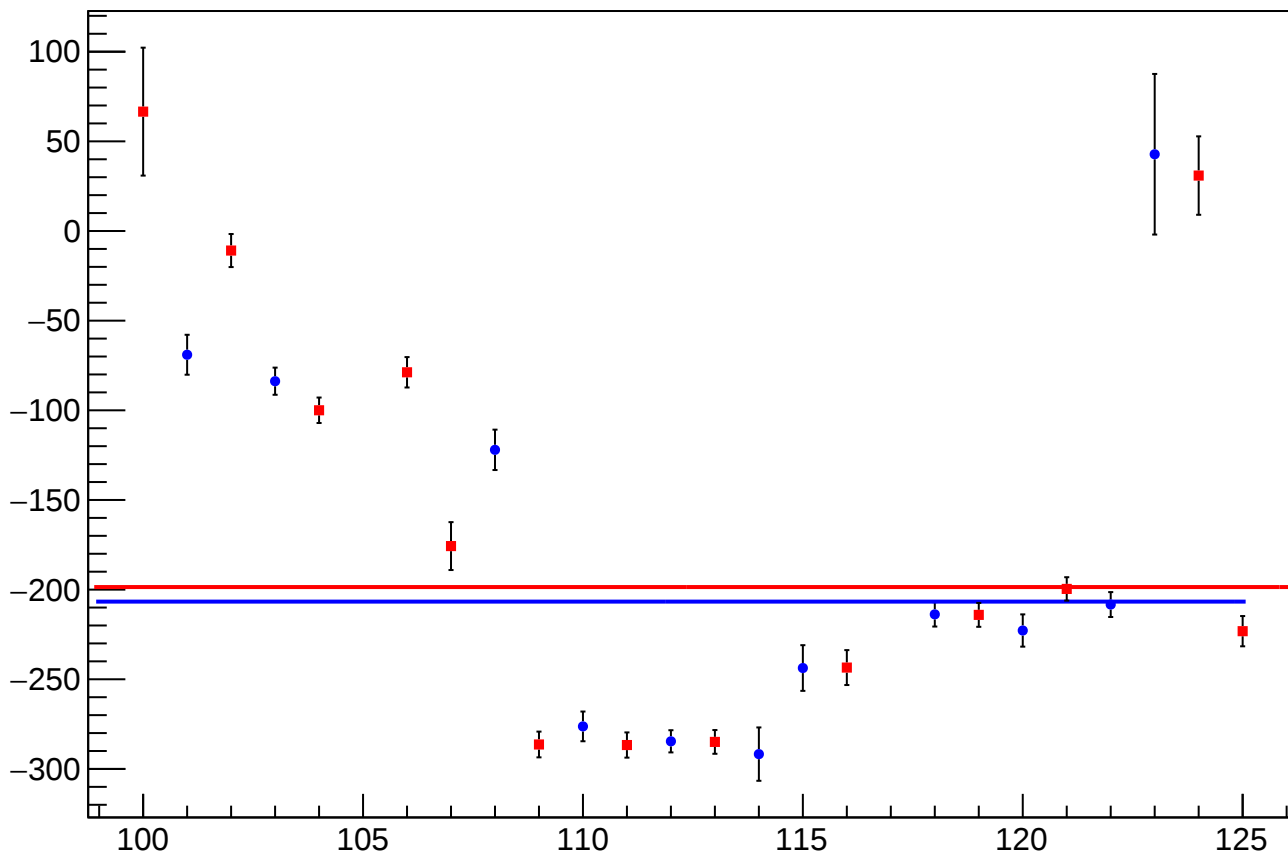
Right: 2.499+/-0.935 χ^2/NDF : 300.6/23

In: 2.529+/-1.368 χ^2/NDF : 151.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.499+/-0.935 χ^2/NDF : 300.6/23

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -206.684+/-2.673 χ^2/NDF : 778.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -198.565+/-2.312 χ^2/NDF : 1487.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

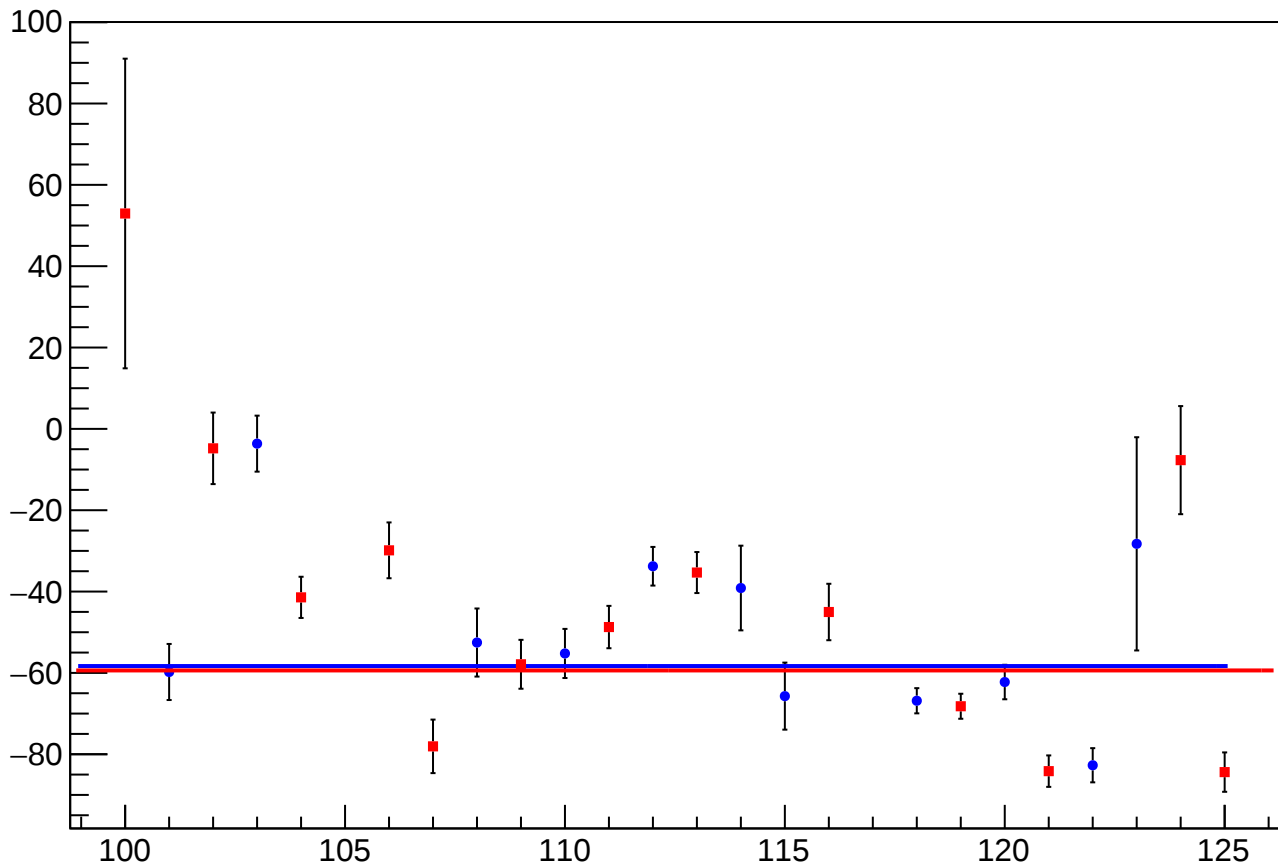
Right: -202.040+/-1.749 χ^2/NDF : 2270.9/23

In: -206.684+/-2.673 χ^2/NDF : 778.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -202.040+/-1.749 χ^2/NDF : 2270.9/23

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -58.314+/-1.644 χ^2/NDF : 138.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -59.394+/-1.503 χ^2/NDF : 208.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

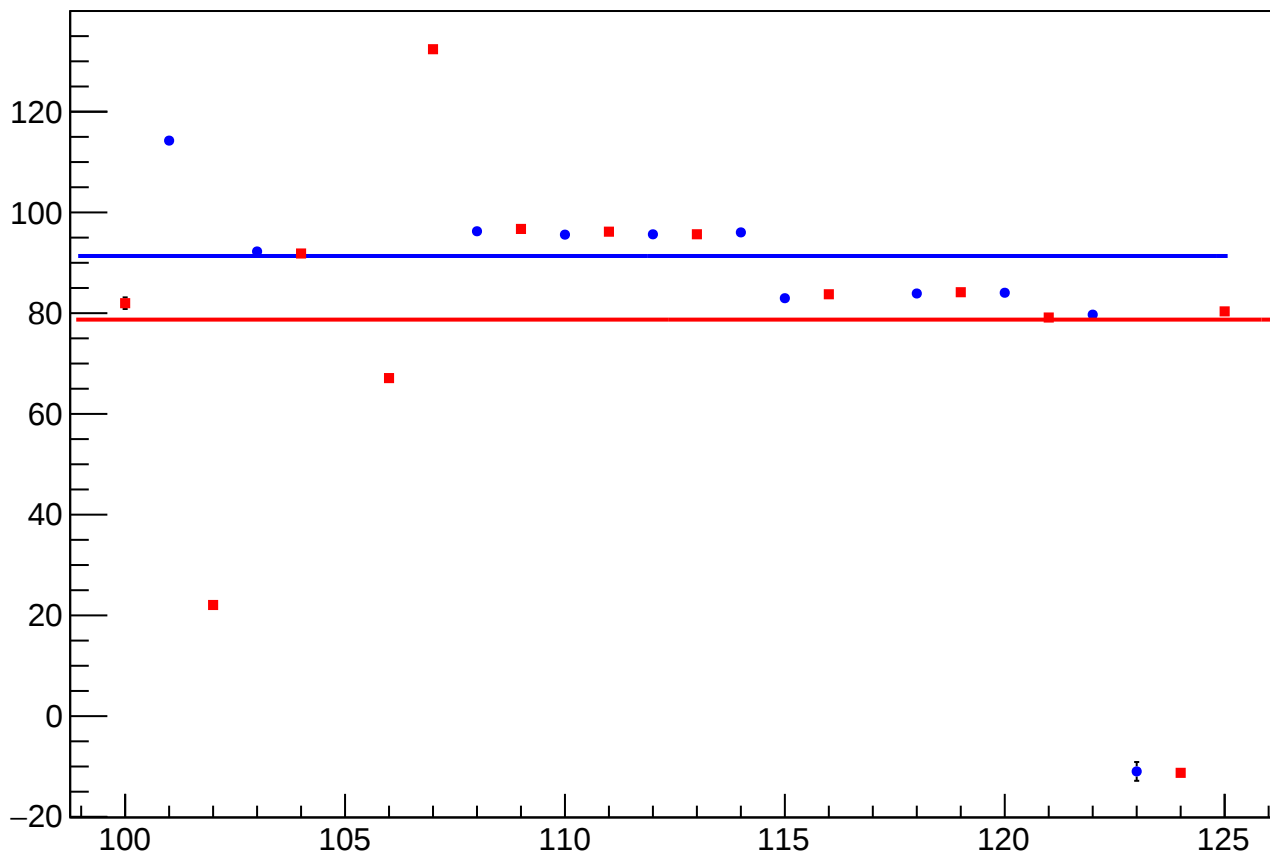
Right: -58.902+/-1.109 χ^2/NDF : 347.2/23

In: -58.314+/-1.644 χ^2/NDF : 138.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -58.902+/-1.109 χ^2/NDF : 347.2/23

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 91.352 ± 0.095 $\chi^2/\text{NDF}: 9940.7/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 78.721 ± 0.080 $\chi^2/\text{NDF}: 128965.5/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

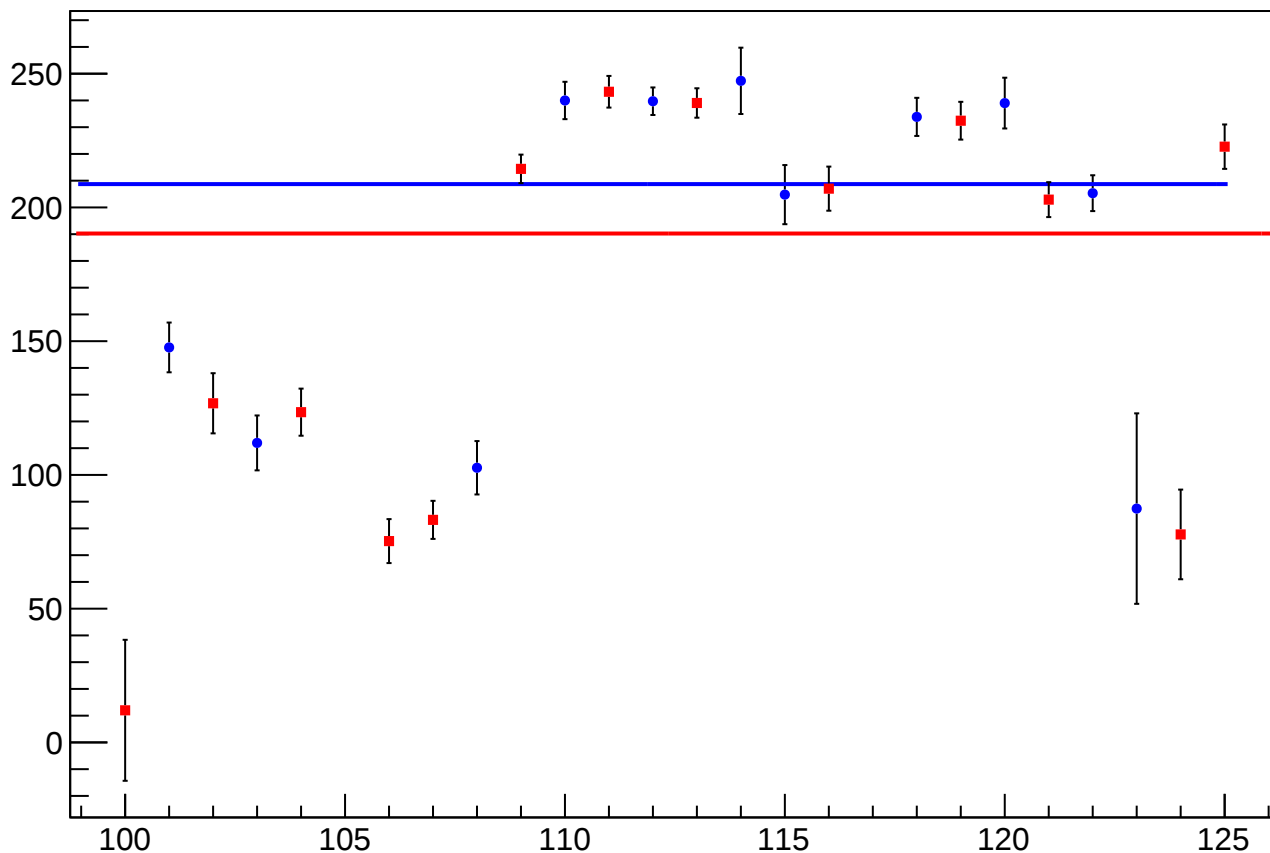
Right: 83.990 ± 0.061 $\chi^2/\text{NDF}: 149230.0/23$

In: 91.352 ± 0.095 $\chi^2/\text{NDF}: 9940.7/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 83.990 ± 0.061 $\chi^2/\text{NDF}: 149230.0/23$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 208.722 $\pm$ 2.517 χ^2 /NDF: 345.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 190.248 $\pm$ 2.086 χ^2 /NDF: 840.6/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

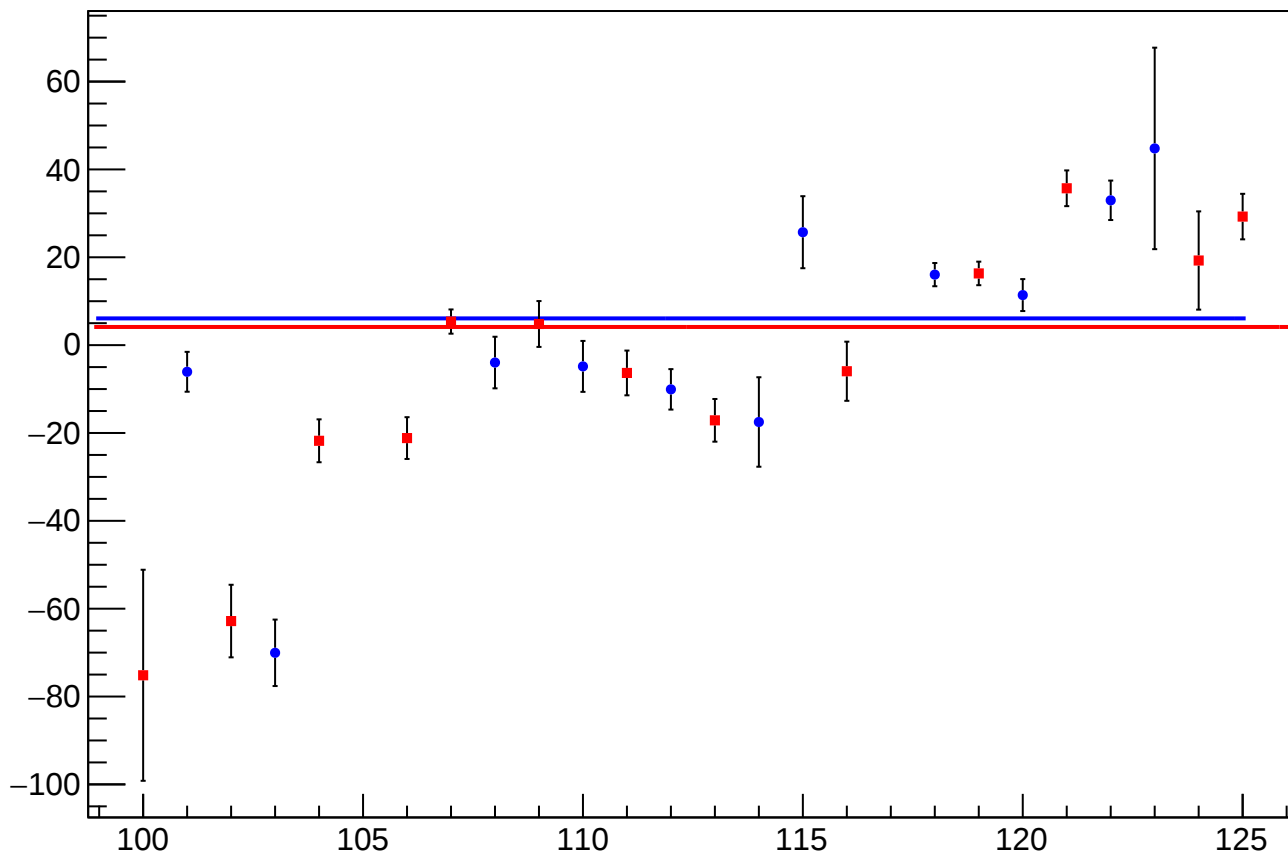
Right: 197.770 $\pm$ 1.606 χ^2 /NDF: 1218.0/23

In: 208.722 $\pm$ 2.517 χ^2 /NDF:345.5/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 197.770 $\pm$ 1.606 χ^2 /NDF: 1218.0/23

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.086+/-1.464 χ^2/NDF : 193.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.134+/-1.271 χ^2/NDF : 265.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

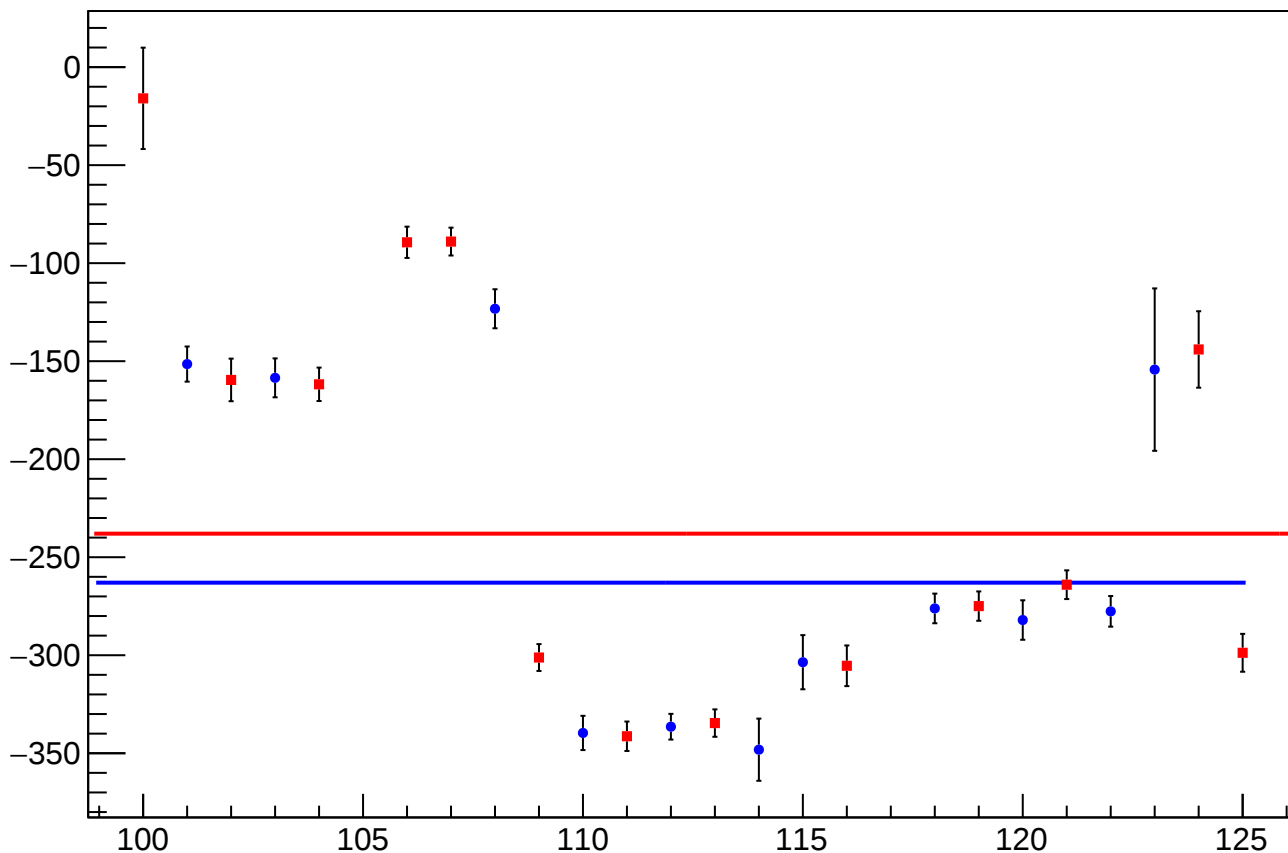
Right: 4.973+/-0.960 χ^2/NDF : 459.5/23

In: 6.086+/-1.464 χ^2/NDF : 193.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.973+/-0.960 χ^2/NDF : 459.5/23

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -262.983+/-2.856 χ^2/NDF : 720.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -237.982+/-2.371 χ^2/NDF : 1600.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

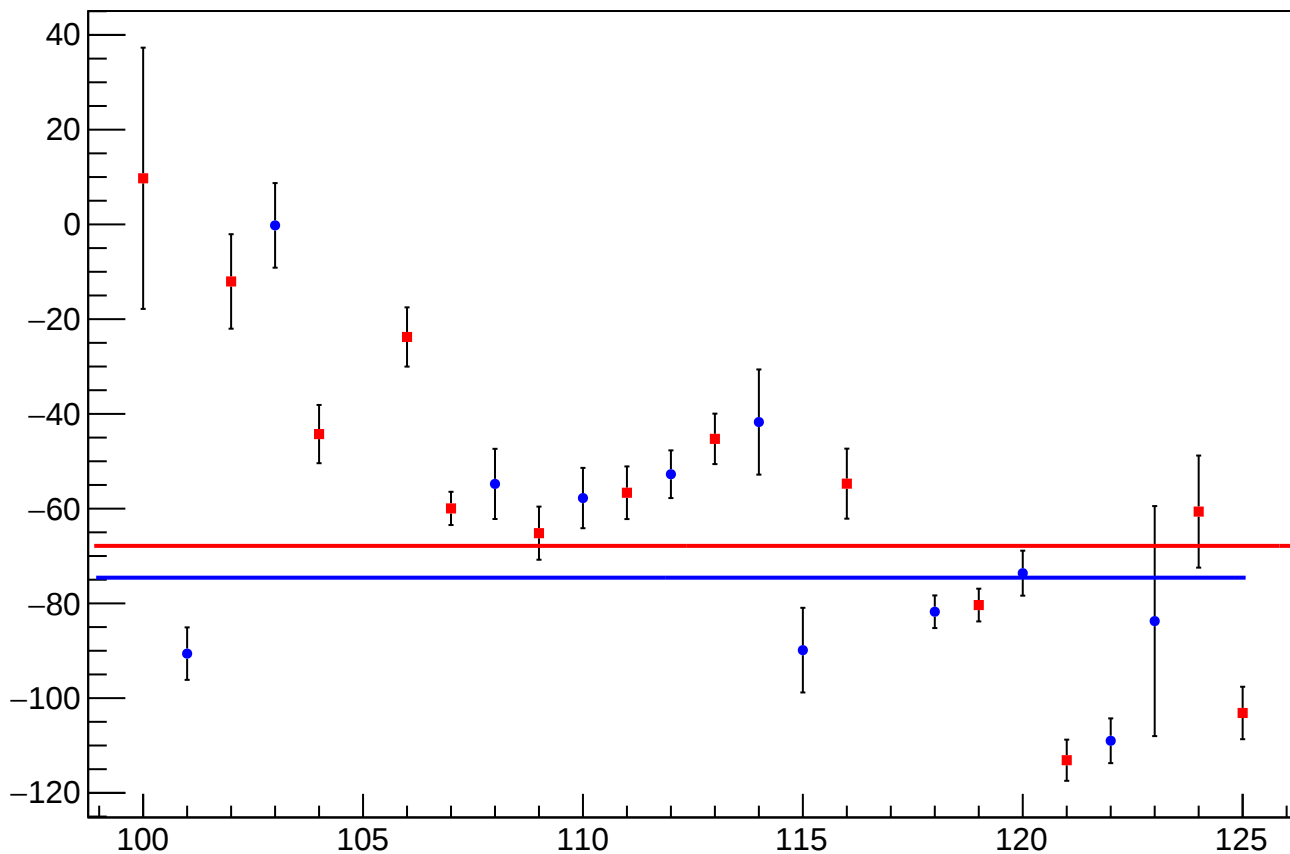
Right: -248.182+/-1.824 χ^2/NDF : 2366.2/23

In: -262.983+/-2.856 χ^2/NDF : 720.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -248.182+/-1.824 χ^2/NDF : 2366.2/23

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -74.570 ± 1.759 χ^2/NDF : 180.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -67.858 ± 1.509 χ^2/NDF : 296.7/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

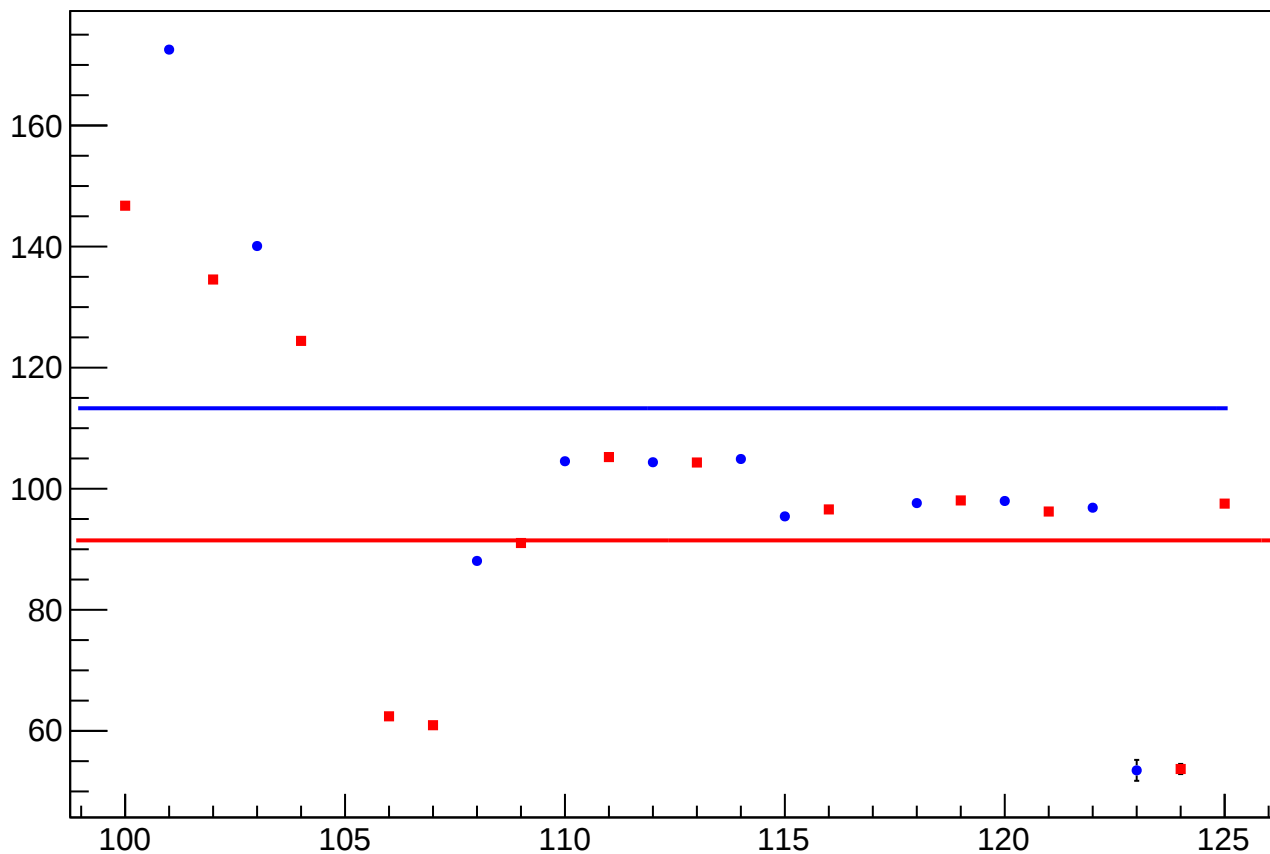
Right: -70.704 ± 1.145 χ^2/NDF : 485.1/23

In: -74.570 ± 1.759 χ^2/NDF : 180.0/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -70.704 ± 1.145 χ^2/NDF : 485.1/23

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 113.291+/-0.102 χ^2/NDF : 70459.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.466+/-0.079 χ^2/NDF : 115965.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

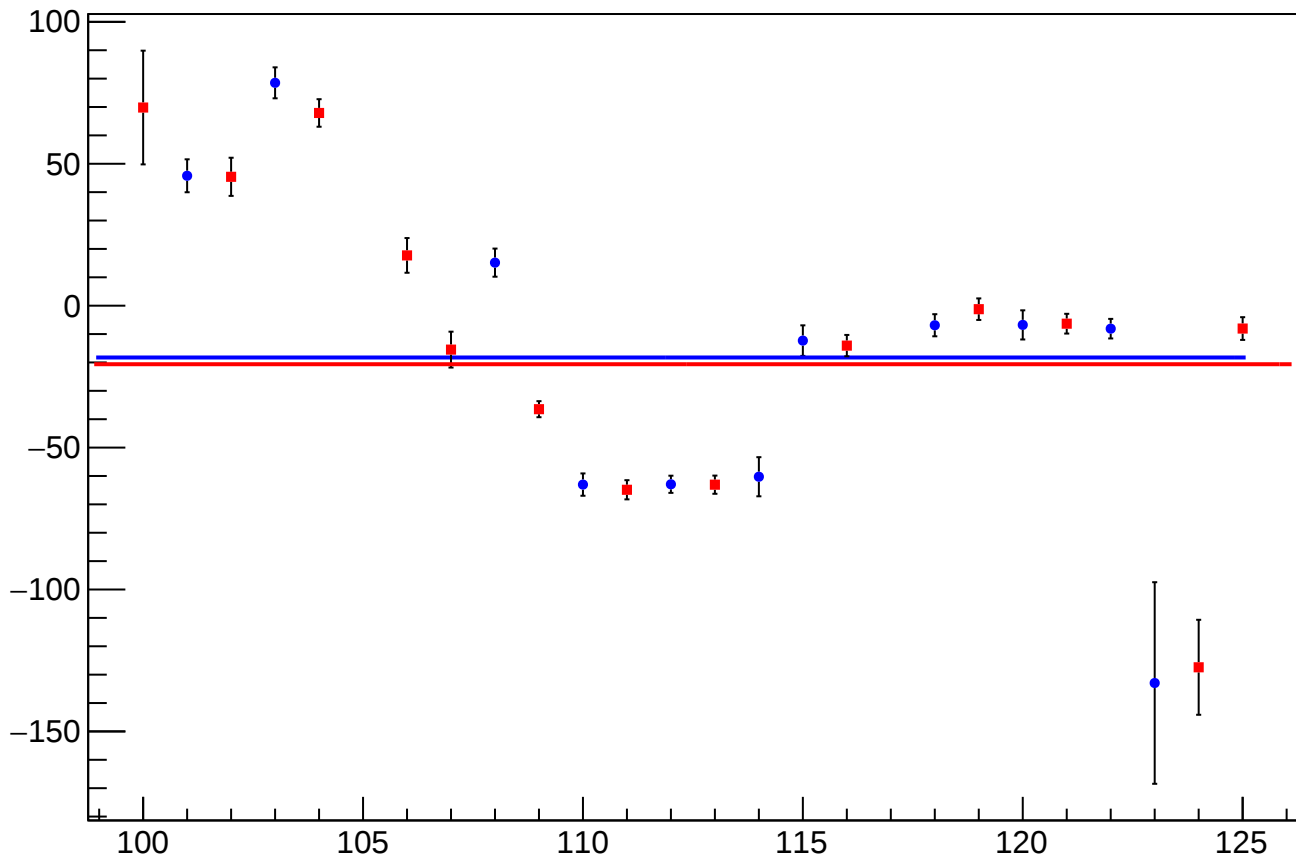
Right: 99.673+/-0.063 χ^2/NDF : 214766.9/23

In: 113.291+/-0.102 χ^2/NDF : 70459.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.673+/-0.063 χ^2/NDF : 214766.9/23

reg_asym_atl_dd_atr_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -18.254+/-1.384 χ^2/NDF : 900.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -20.625+/-1.180 χ^2/NDF : 964.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

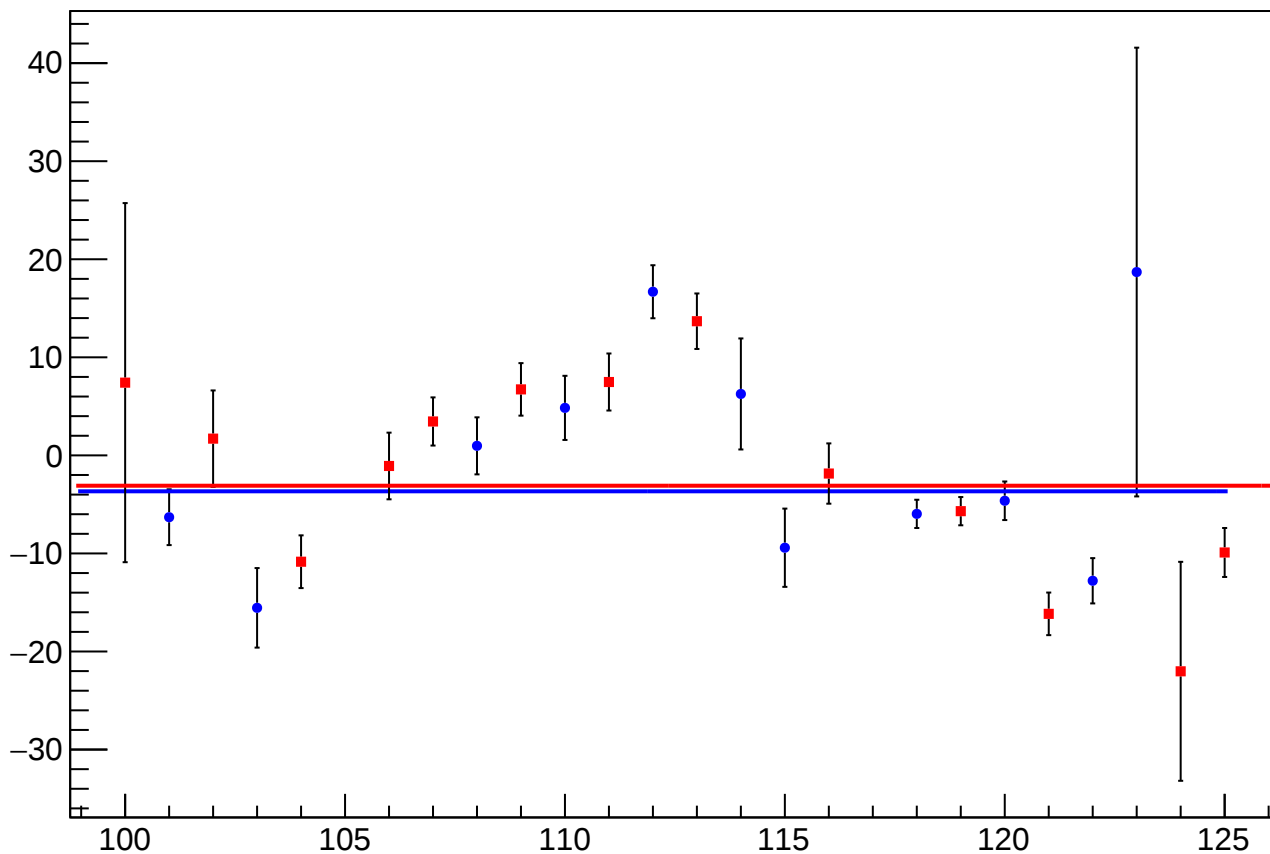
Right: -19.626+/-0.898 χ^2/NDF : 1866.9/23

In: -18.254+/-1.384 χ^2/NDF :900.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -19.626+/-0.898 χ^2/NDF : 1866.9/23

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.664+/-0.801 χ^2/NDF : 99.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.094+/-0.748 χ^2/NDF : 128.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

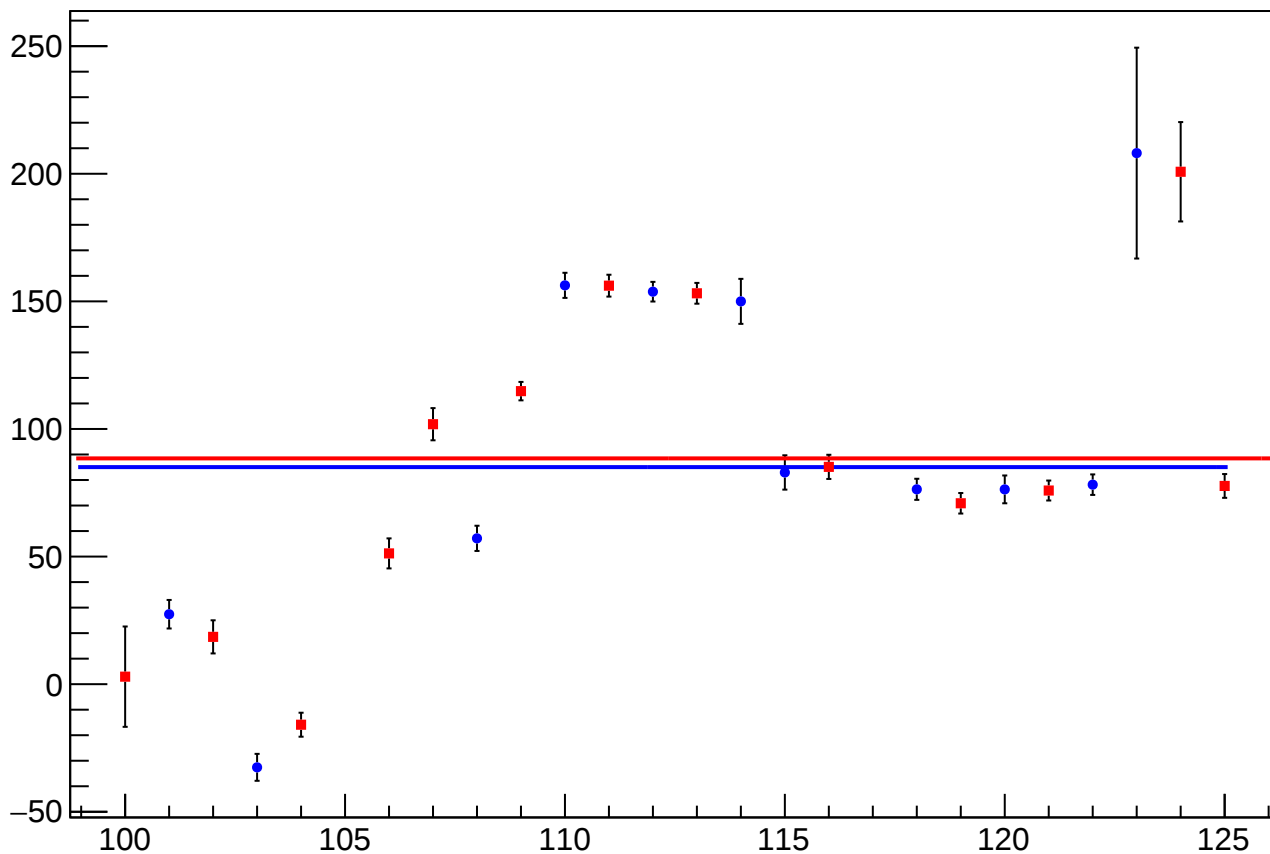
Right: -3.360+/-0.547 χ^2/NDF : 229.0/23

In: -3.664+/-0.801 χ^2/NDF : 99.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.360+/-0.547 χ^2/NDF : 229.0/23

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 85.054+/-1.567 χ^2/NDF : 1236.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.471+/-1.364 χ^2/NDF : 1296.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

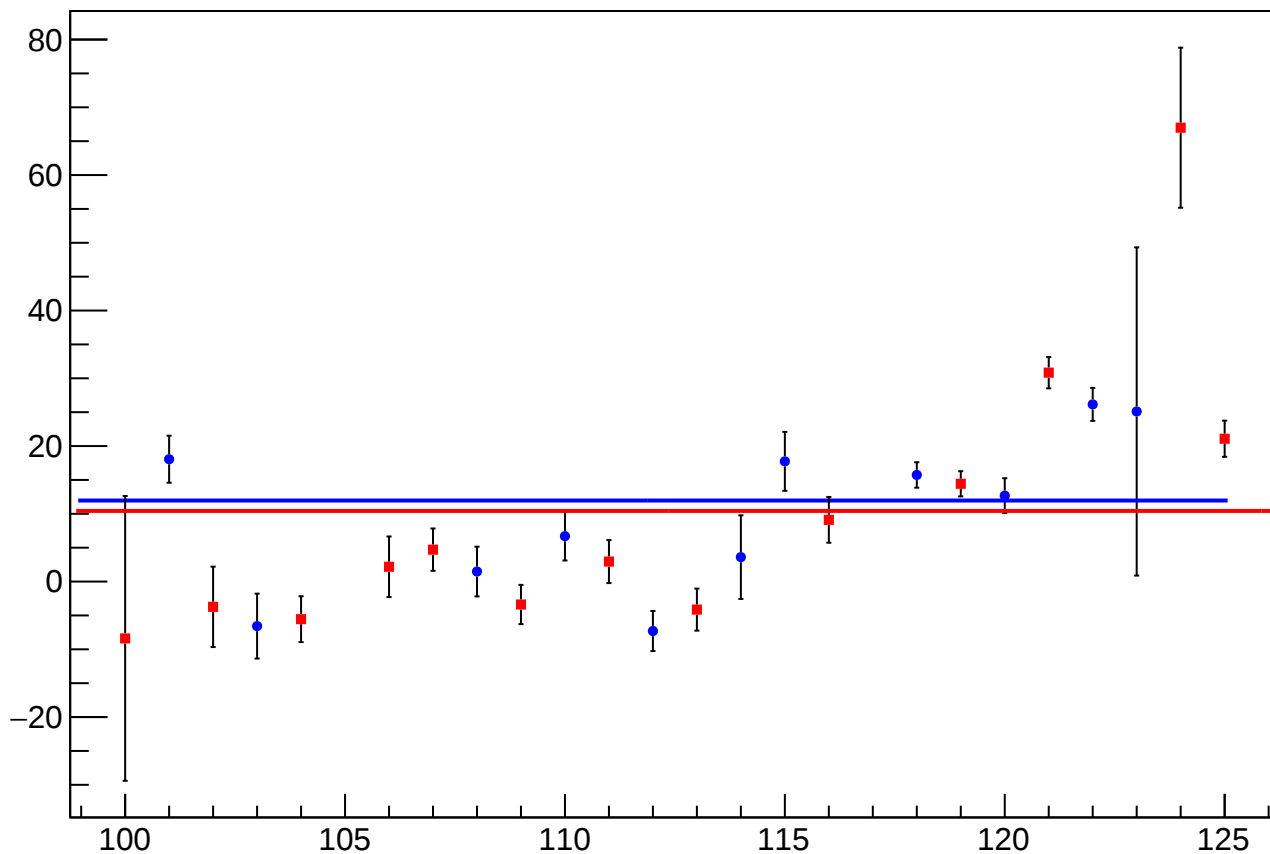
Right: 86.998+/-1.029 χ^2/NDF : 2536.1/23

In: 85.054+/-1.567 χ^2/NDF : 1236.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.998+/-1.029 χ^2/NDF : 2536.1/23

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.959+/-0.963 χ^2/NDF : 113.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.428+/-0.876 χ^2/NDF : 207.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

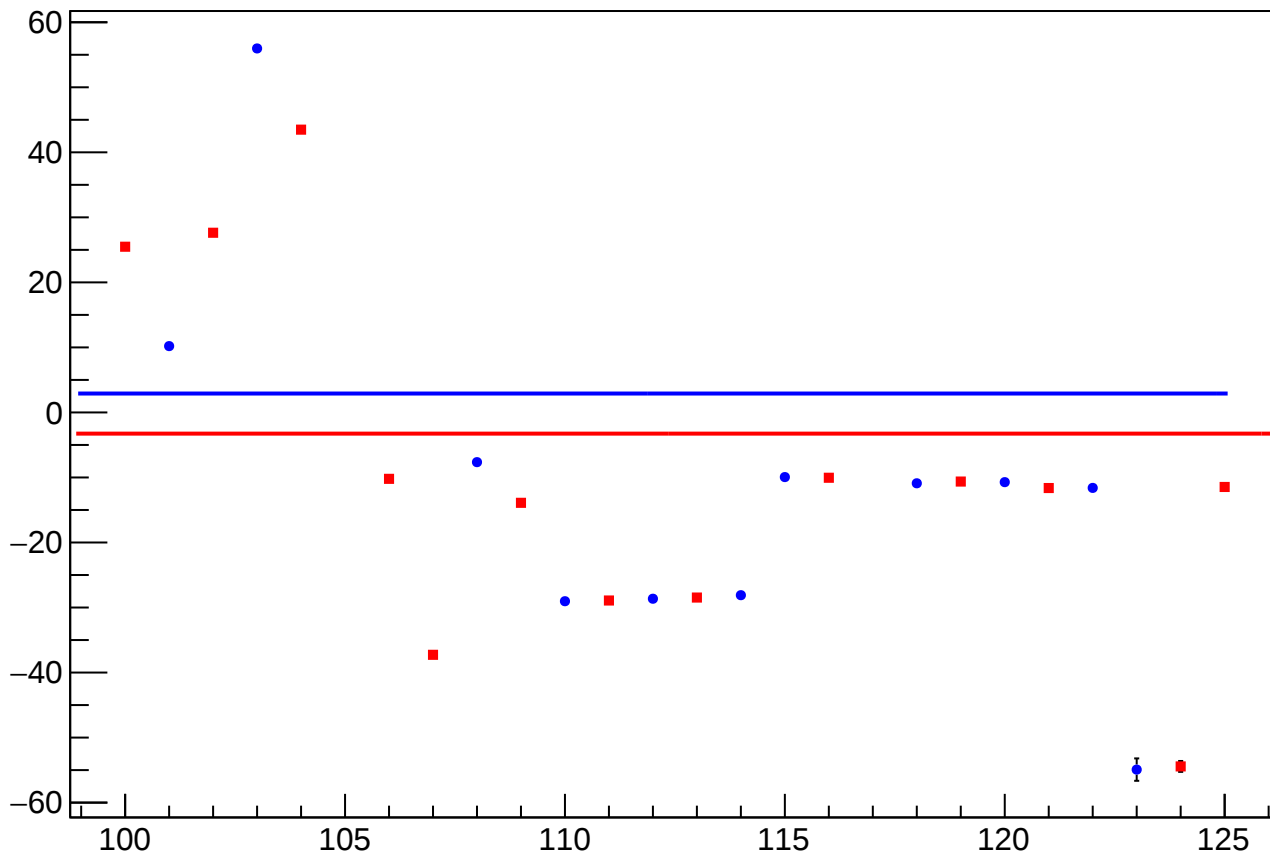
Right: 11.121+/-0.648 χ^2/NDF : 321.5/23

In: 11.959+/-0.963 χ^2/NDF : 113.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.121+/-0.648 χ^2/NDF : 321.5/23

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 2.908 $\pm$ 0.055 χ^2 /NDF: 285980.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.258 $\pm$ 0.049 χ^2 /NDF: 303717.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

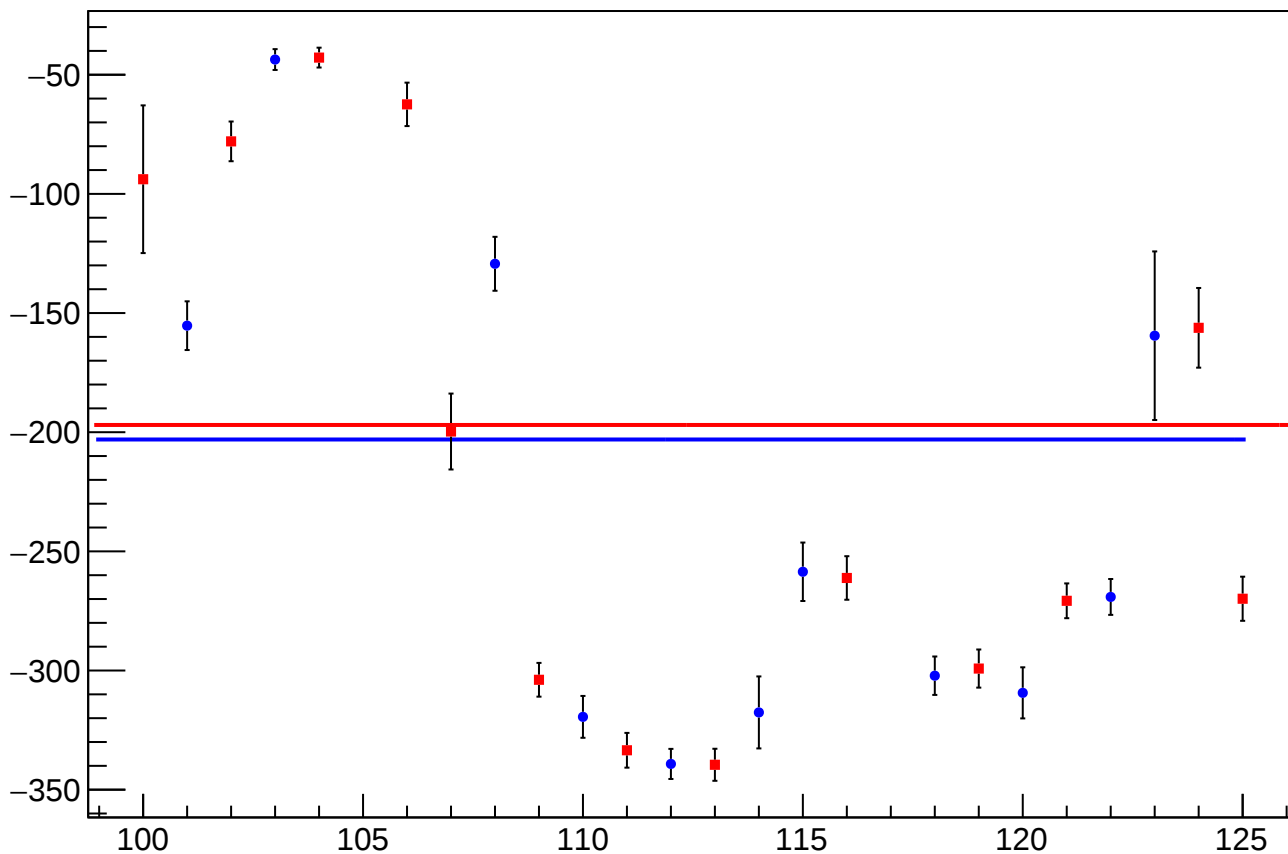
Right: -0.523 $\pm$ 0.037 χ^2 /NDF: 596672.6/23

In: 2.908 $\pm$ 0.055 χ^2 /NDF:285980.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.523 $\pm$ 0.037 χ^2 /NDF: 596672.6/23

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -203.058+/-2.490 χ^2/NDF : 2441.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -196.960+/-2.174 χ^2/NDF : 3213.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

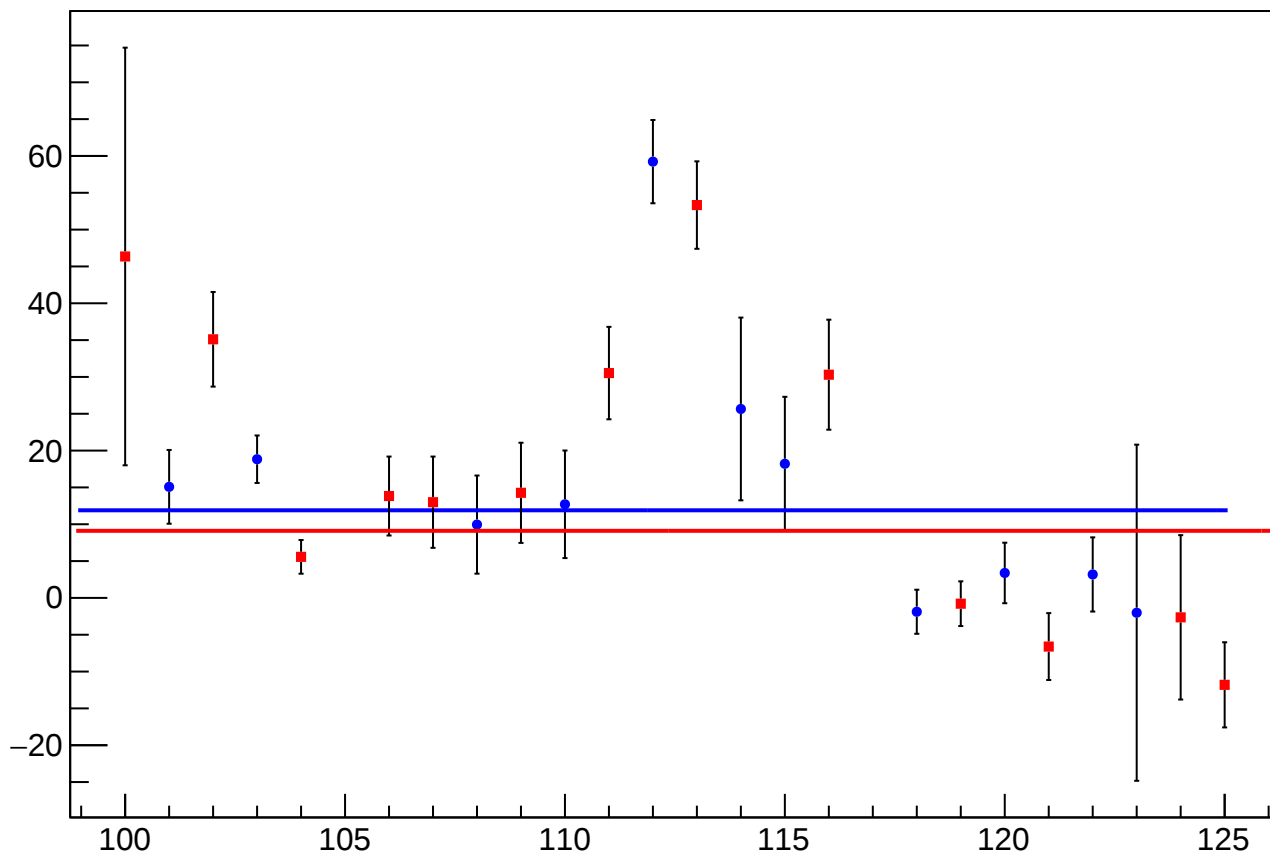
Right: -199.599+/-1.638 χ^2/NDF : 5657.7/23

In: -203.058+/-2.490 χ^2/NDF :2441.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -199.599+/-1.638 χ^2/NDF : 5657.7/23

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.893+/-1.508 χ^2/NDF : 105.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.108+/-1.330 χ^2/NDF : 134.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

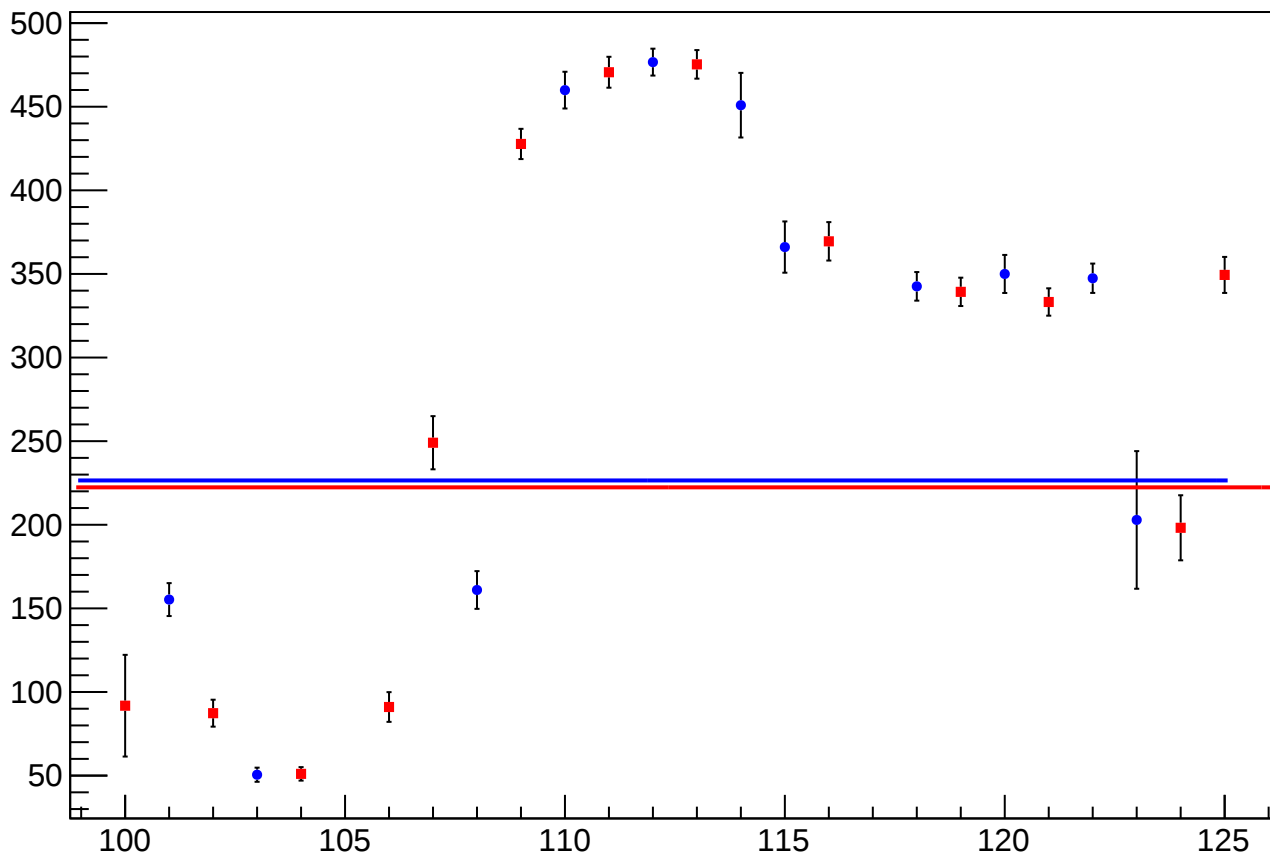
Right: 10.326+/-0.997 χ^2/NDF : 242.0/23

In: 11.893+/-1.508 χ^2/NDF : 105.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.326+/-0.997 χ^2/NDF : 242.0/23

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 226.507 $\pm$ 2.675 χ^2 /NDF: 3947.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 222.378 $\pm$ 2.358 χ^2 /NDF: 5116.6/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

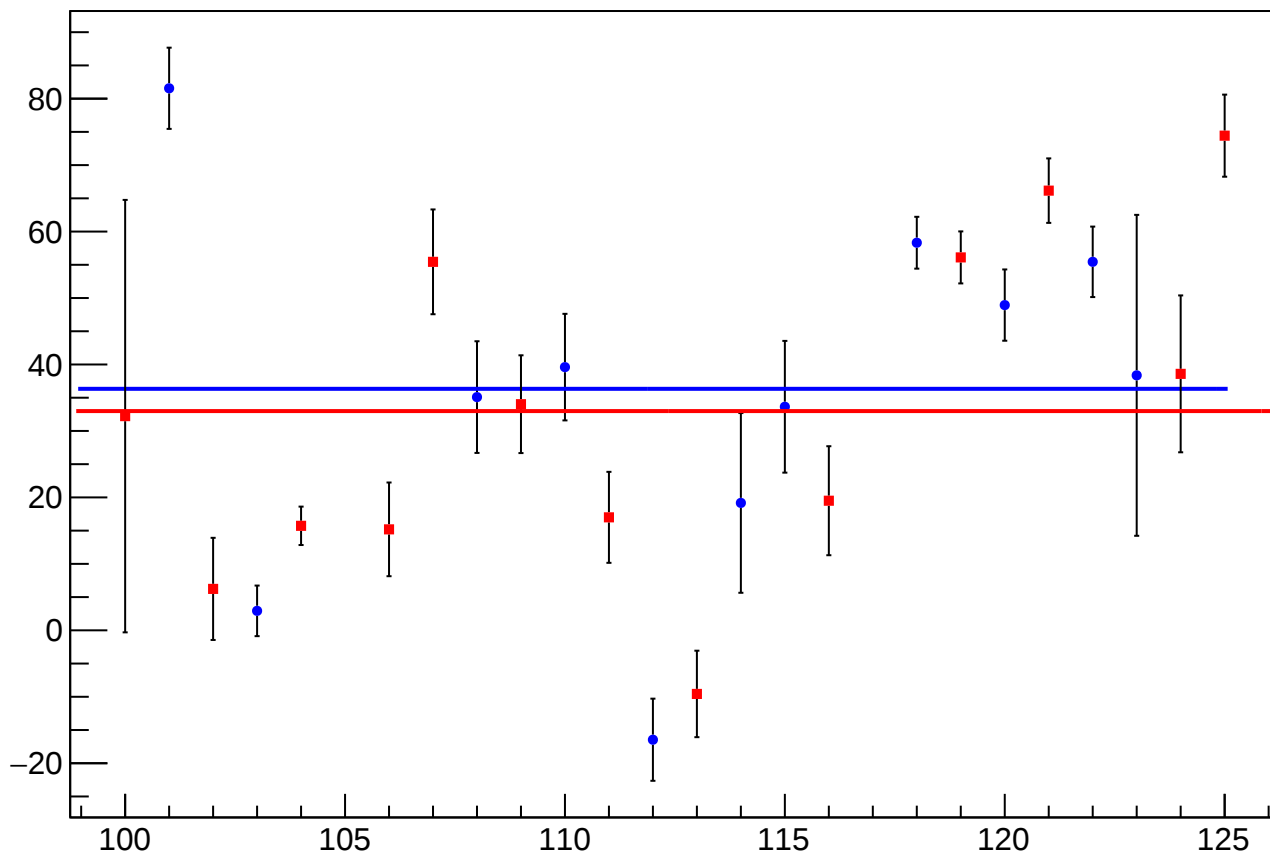
Right: 224.184 $\pm$ 1.769 χ^2 /NDF: 9065.9/23

In: 226.507 $\pm$ 2.675 χ^2 /NDF:3947.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 224.184 $\pm$ 1.769 χ^2 /NDF: 9065.9/23

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 36.339+/-1.810 χ^2/NDF : 257.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.989+/-1.594 χ^2/NDF : 240.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

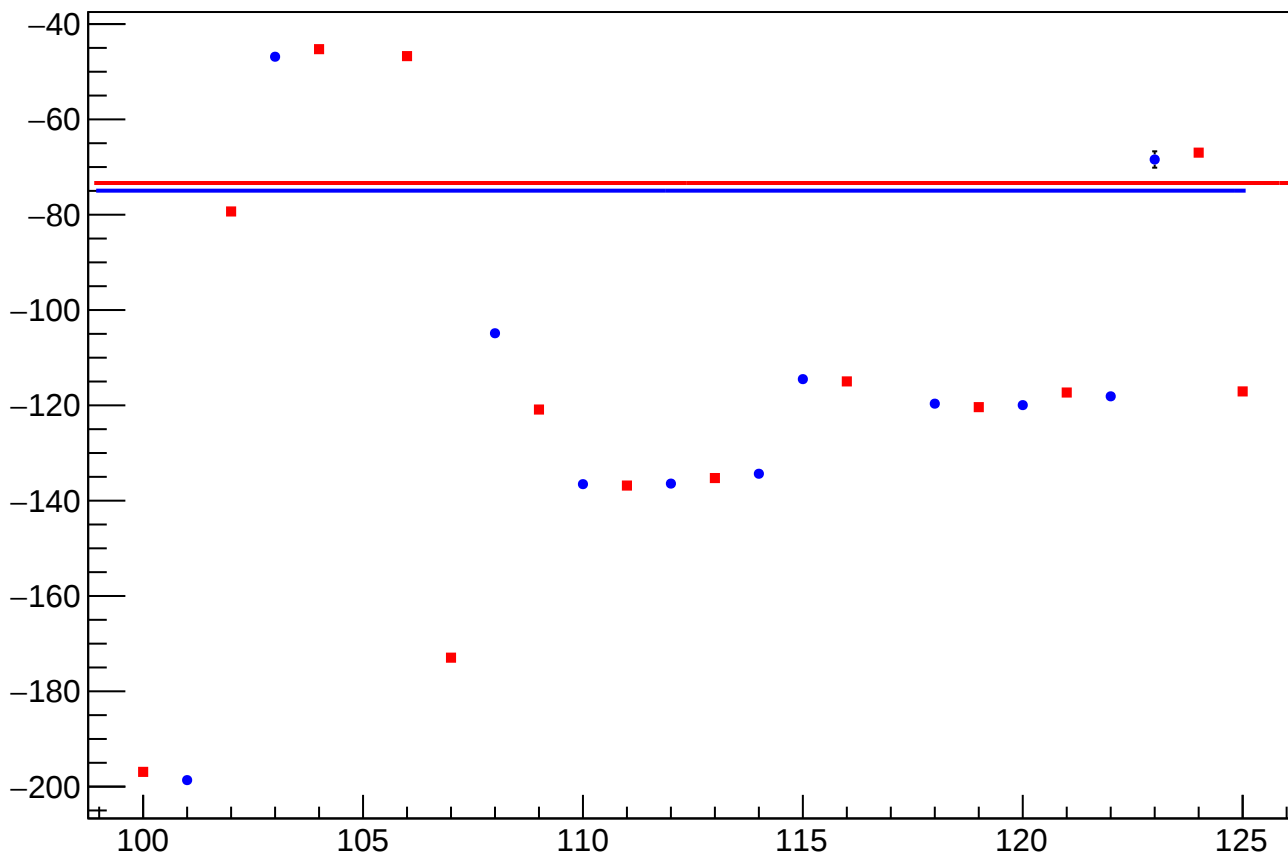
Right: 34.453+/-1.196 χ^2/NDF : 499.1/23

In: 36.339+/-1.810 χ^2/NDF : 257.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.453+/-1.196 χ^2/NDF : 499.1/23

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -74.954+/-0.077 χ^2/NDF : 309488.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -73.347+/-0.071 χ^2/NDF : 289939.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

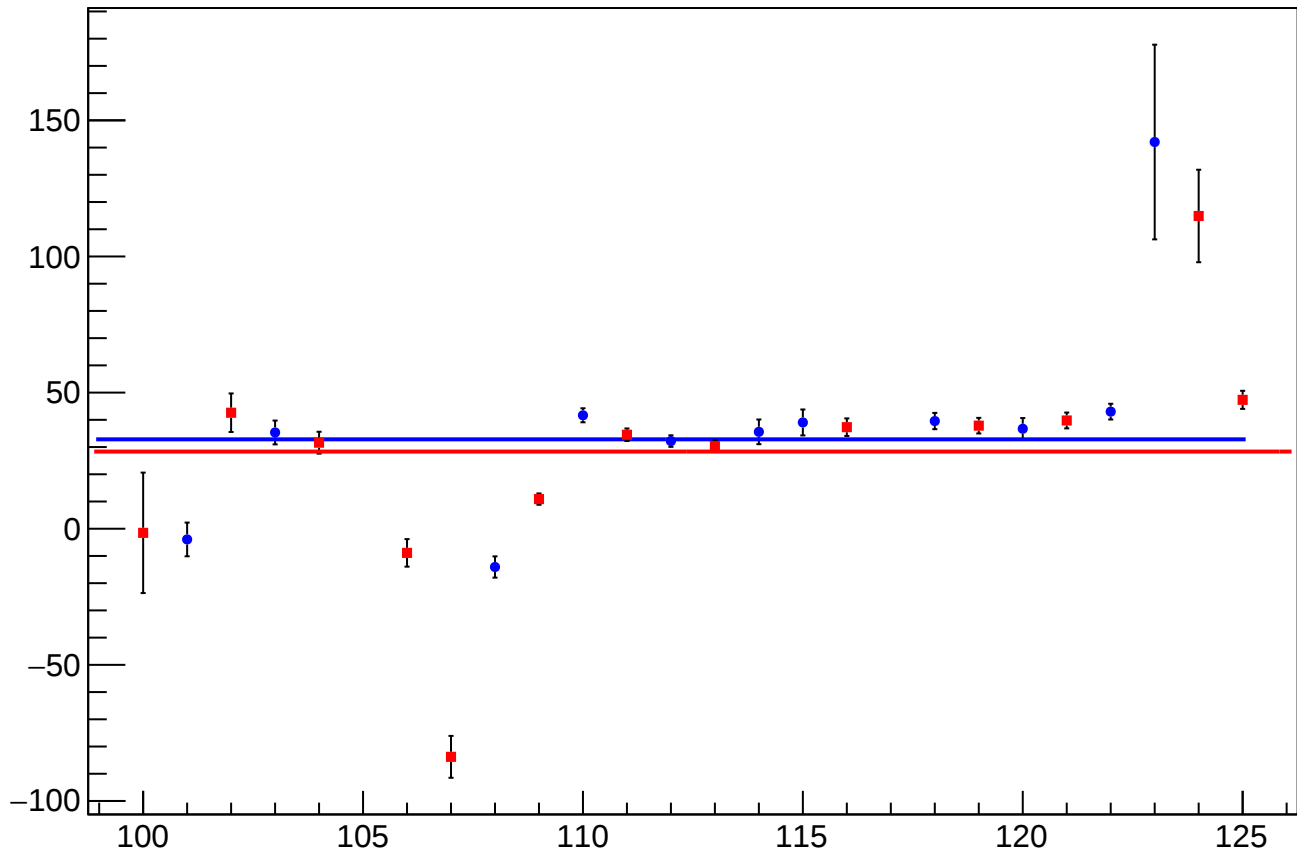
Right: -74.089+/-0.052 χ^2/NDF : 599662.1/23

In: -74.954+/-0.077 χ^2/NDF :309488.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -74.089+/-0.052 χ^2/NDF : 599662.1/23

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 32.833+/-1.050 χ^2/NDF : 221.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.339+/-0.914 χ^2/NDF : 444.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

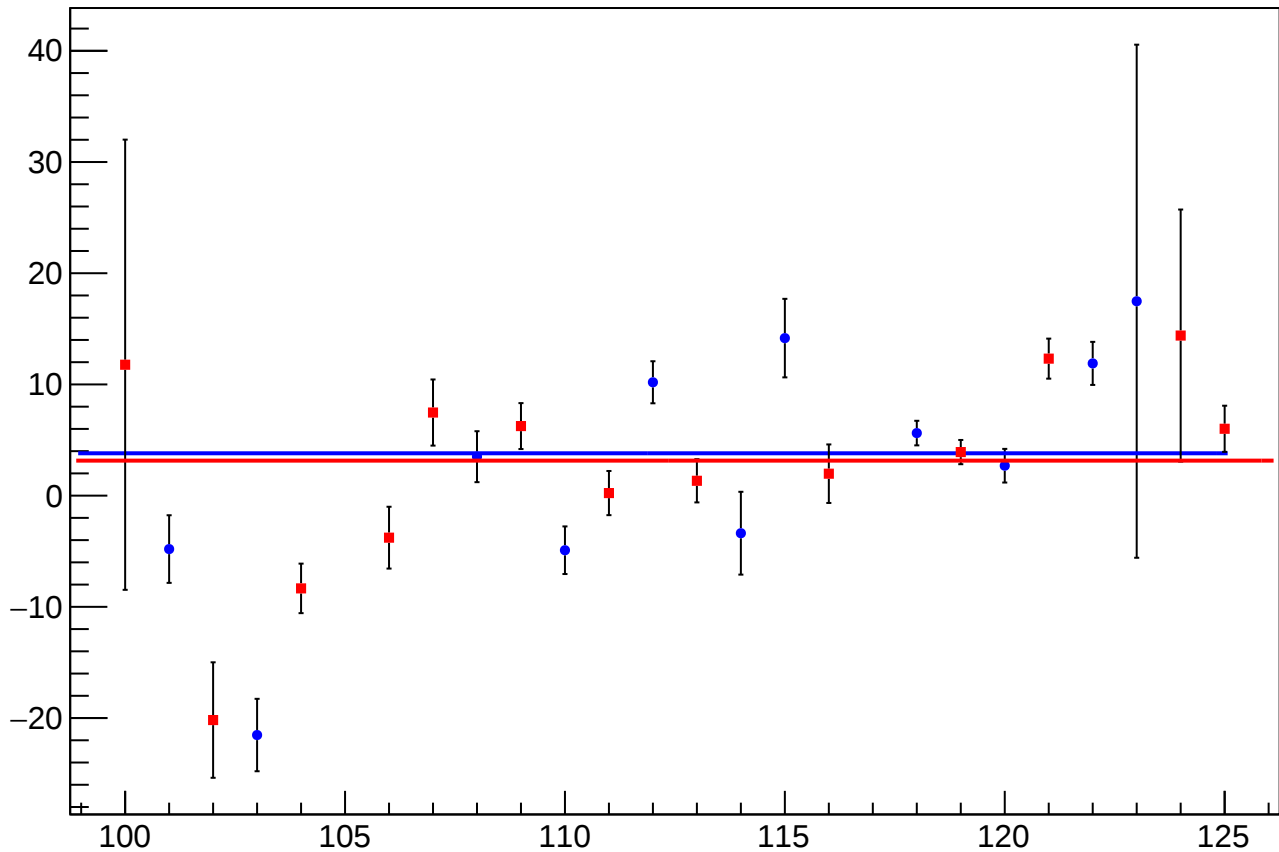
Right: 30.276+/-0.689 χ^2/NDF : 676.3/23

In: 32.833+/-1.050 χ^2/NDF : 221.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.276+/-0.689 χ^2/NDF : 676.3/23

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.808 $\pm$ 0.624 χ^2/NDF : 129.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Right Out: 3.148 $\pm$ 0.601 χ^2/NDF : 90.2/12

Left In: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

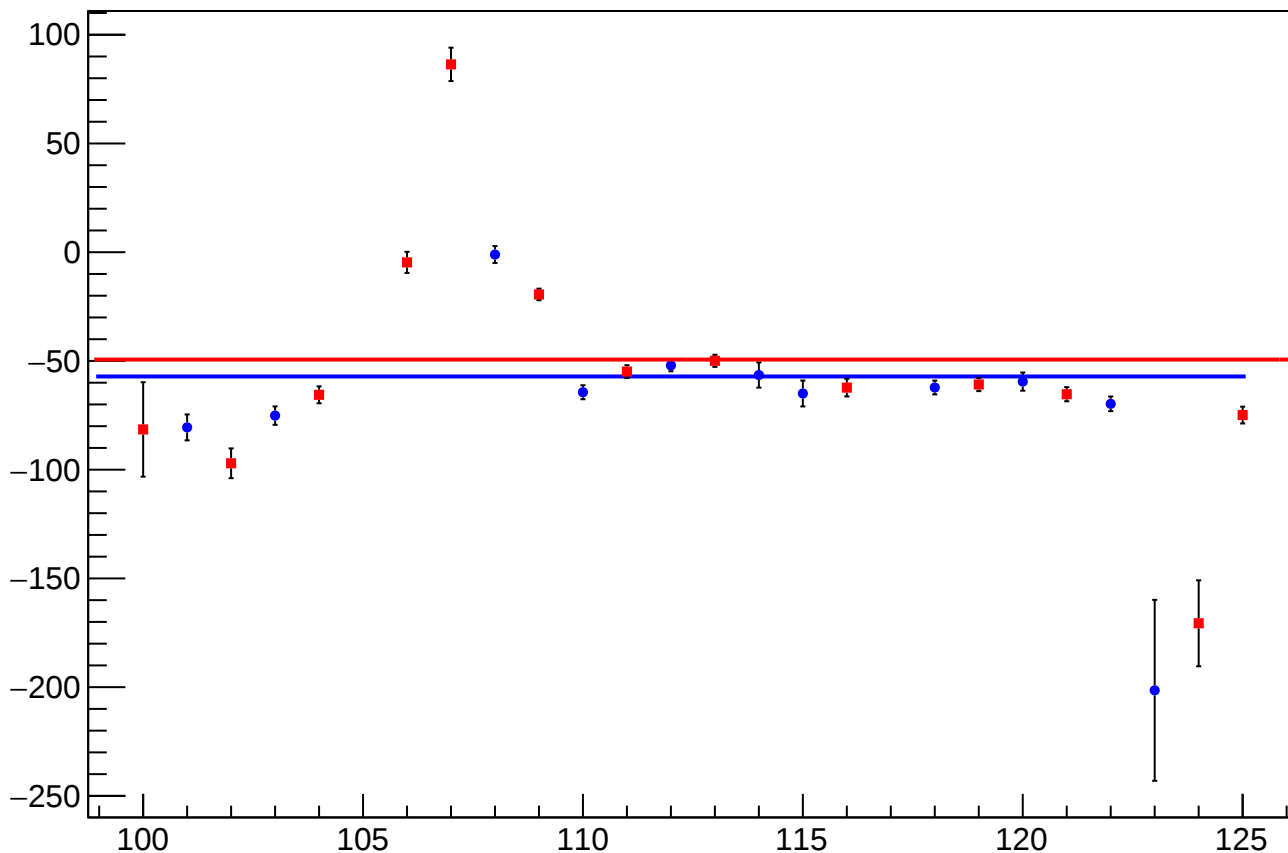
Right: 3.466 $\pm$ 0.433 χ^2/NDF : 220.7/23

In: 3.808 $\pm$ 0.624 χ^2/NDF :129.9/10

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: 3.466 $\pm$ 0.433 χ^2/NDF : 220.7/23

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -57.137+/-1.207 χ^2/NDF : 279.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -49.372+/-1.073 χ^2/NDF : 724.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

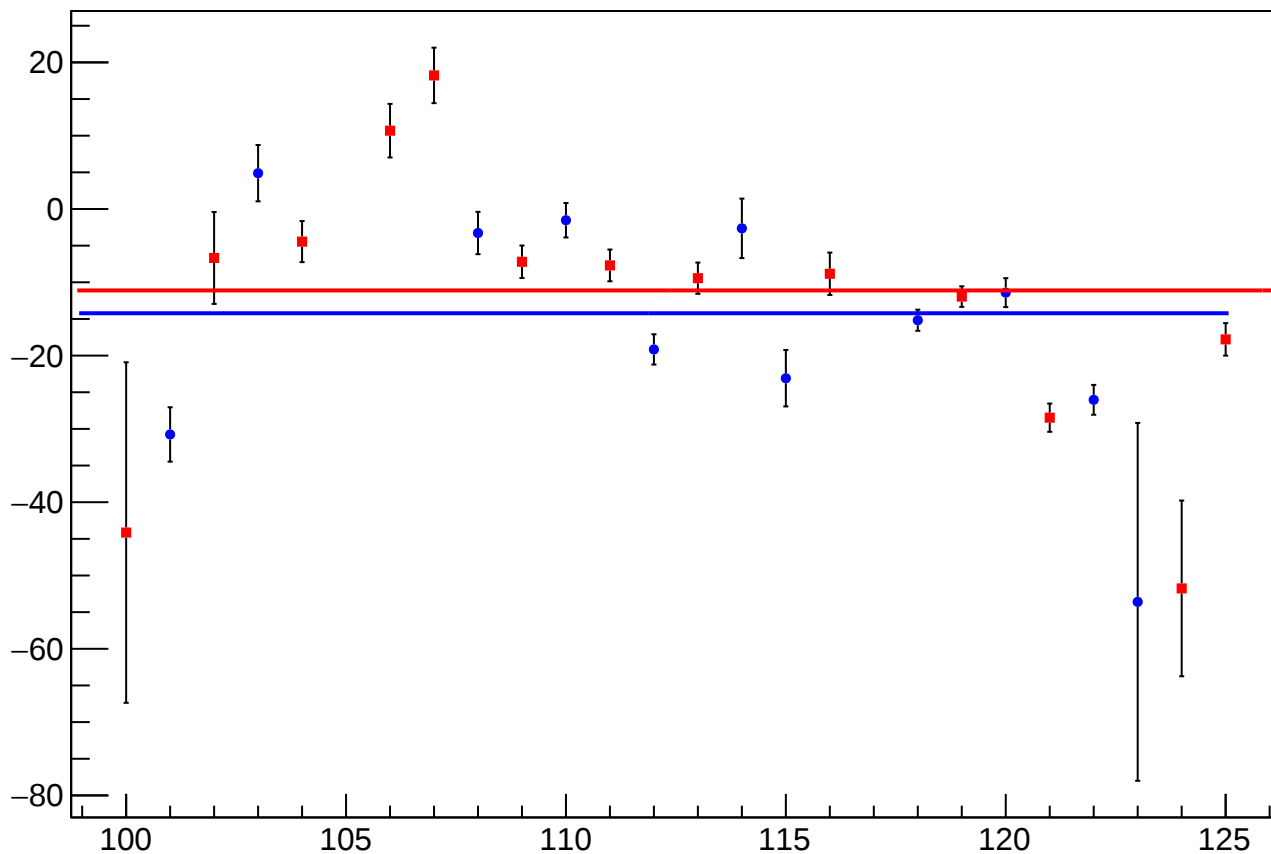
Right: -52.803+/-0.802 χ^2/NDF : 1027.5/23

In: -57.137+/-1.207 χ^2/NDF : 279.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.803+/-0.802 χ^2/NDF : 1027.5/23

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.223 ± 0.748 χ^2/NDF : 145.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.110 ± 0.699 χ^2/NDF : 212.9/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

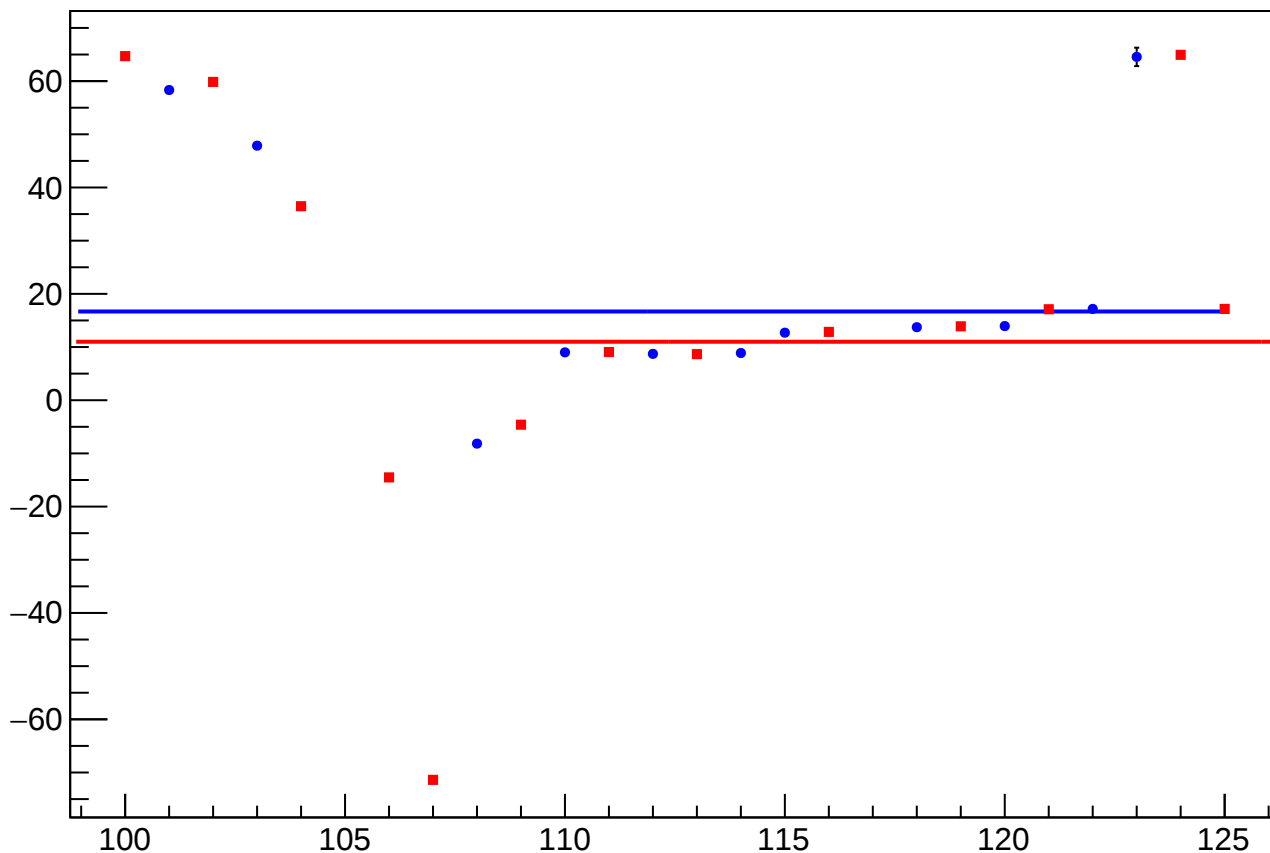
Right: -12.562 ± 0.511 χ^2/NDF : 368.0/23

In: -14.223 ± 0.748 χ^2/NDF : 145.9/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.562 ± 0.511 χ^2/NDF : 368.0/23

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 16.682 $\pm$ 0.043 χ^2 /NDF: 233095.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 10.995 $\pm$ 0.041 χ^2 /NDF: 445944.6/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

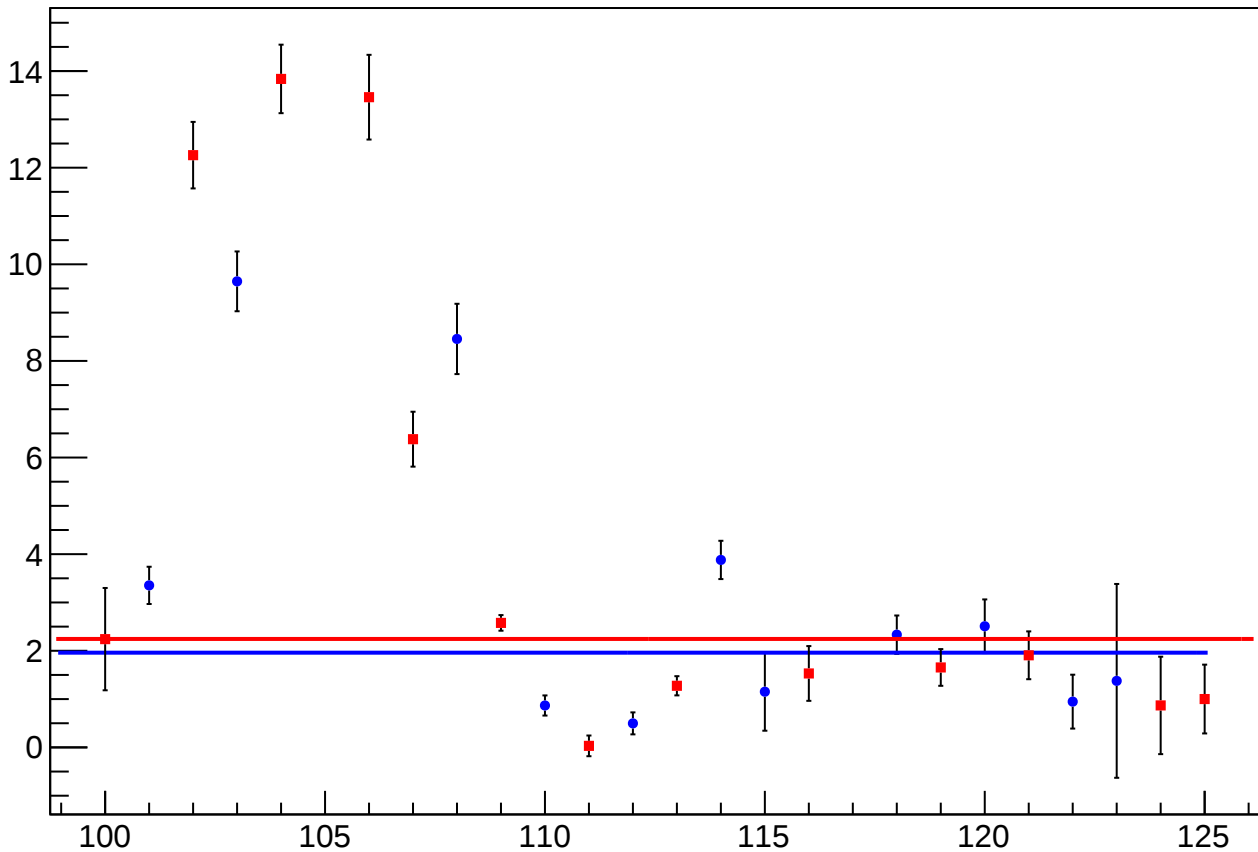
Right: 13.680 $\pm$ 0.030 χ^2 /NDF: 688142.6/23

In: 16.682 $\pm$ 0.043 χ^2 /NDF:233095.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 13.680 $\pm$ 0.030 χ^2 /NDF: 688142.6/23

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.961+/-0.116 χ^2/NDF : 345.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.245+/-0.095 χ^2/NDF : 839.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

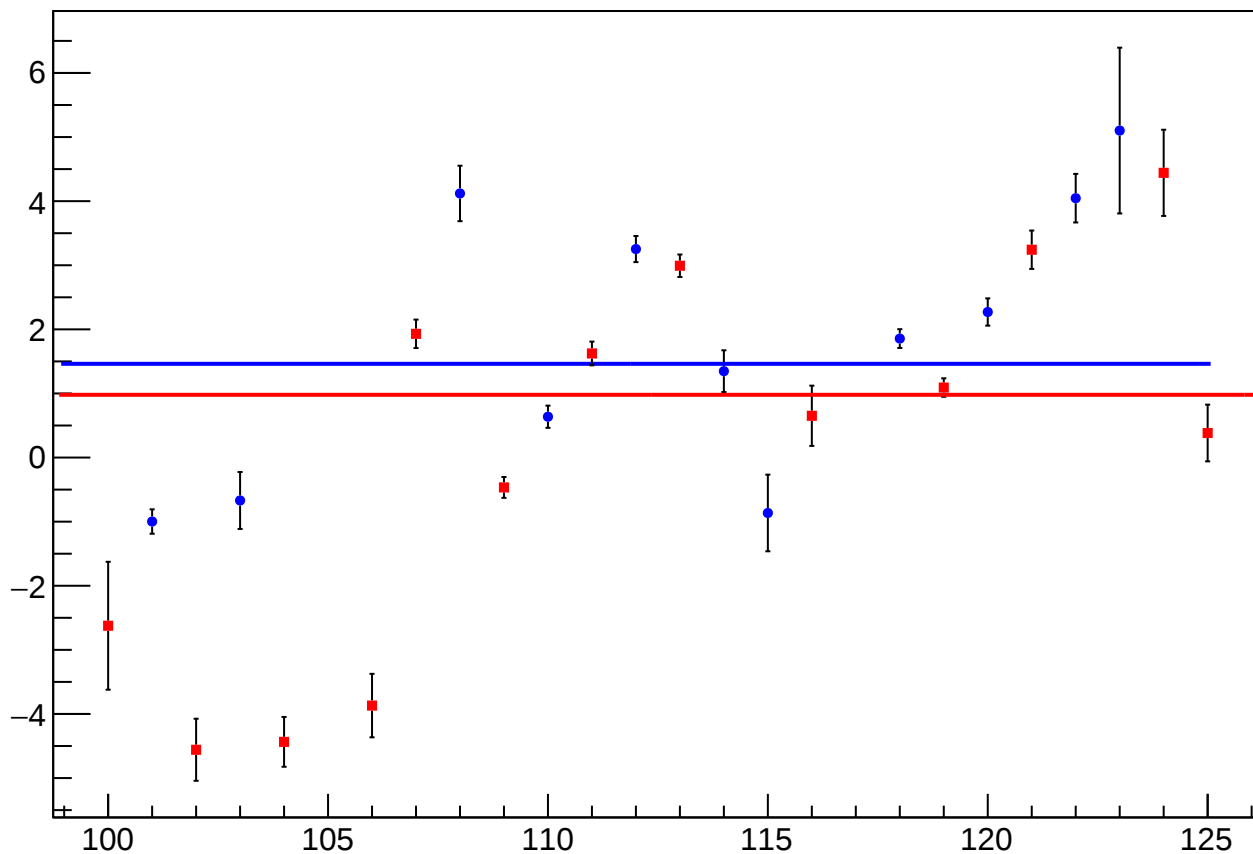
Right: 2.131+/-0.073 χ^2/NDF : 1188.8/23

In: 1.961+/-0.116 χ^2/NDF : 345.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.131+/-0.073 χ^2/NDF : 1188.8/23

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.463 $\pm$ 0.074 χ^2 /NDF: 418.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.979 $\pm$ 0.070 χ^2 /NDF: 761.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

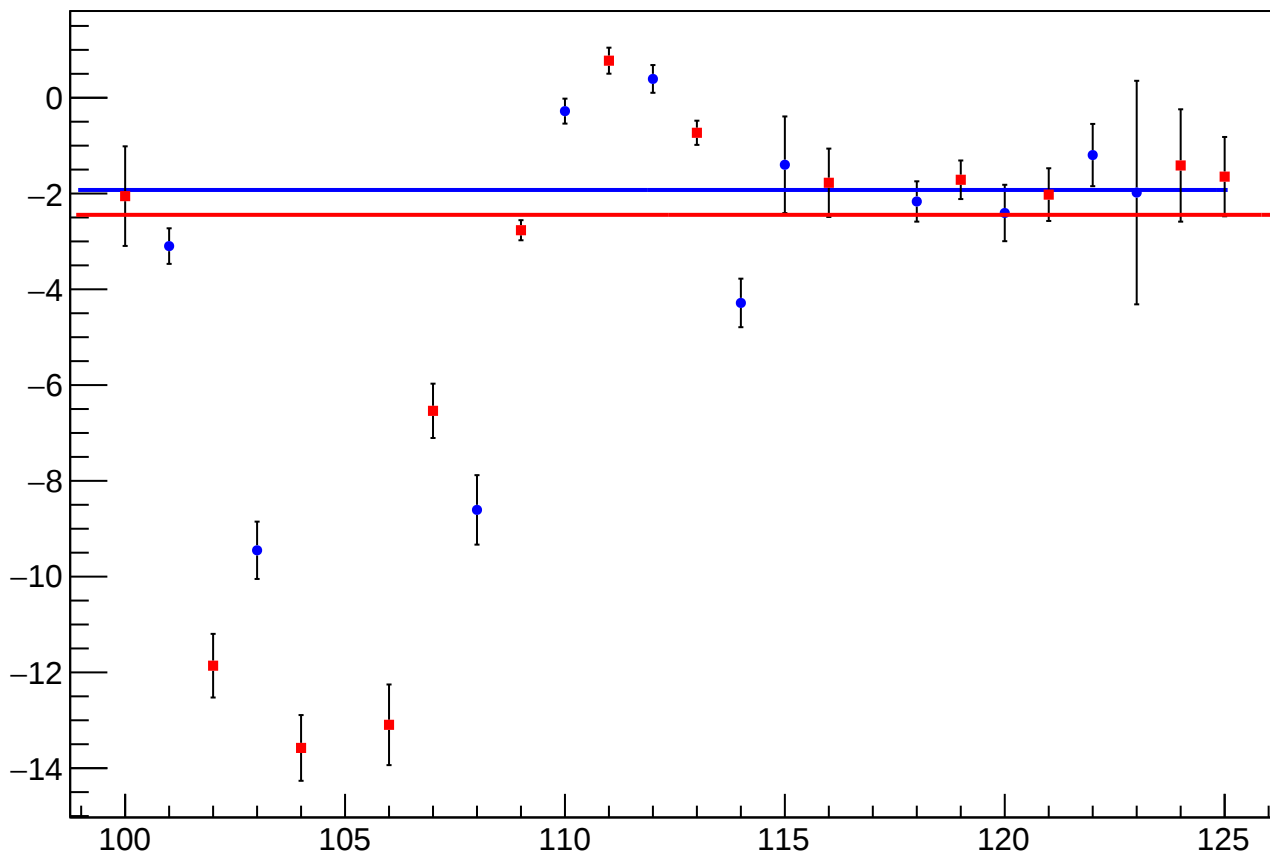
Right: 1.206 $\pm$ 0.051 χ^2 /NDF: 1203.4/23

In: 1.463 $\pm$ 0.074 χ^2 /NDF:418.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.206 $\pm$ 0.051 χ^2 /NDF: 1203.4/23

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.926 ± 0.135 χ^2/NDF : 380.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.445 ± 0.115 χ^2/NDF : 871.2/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

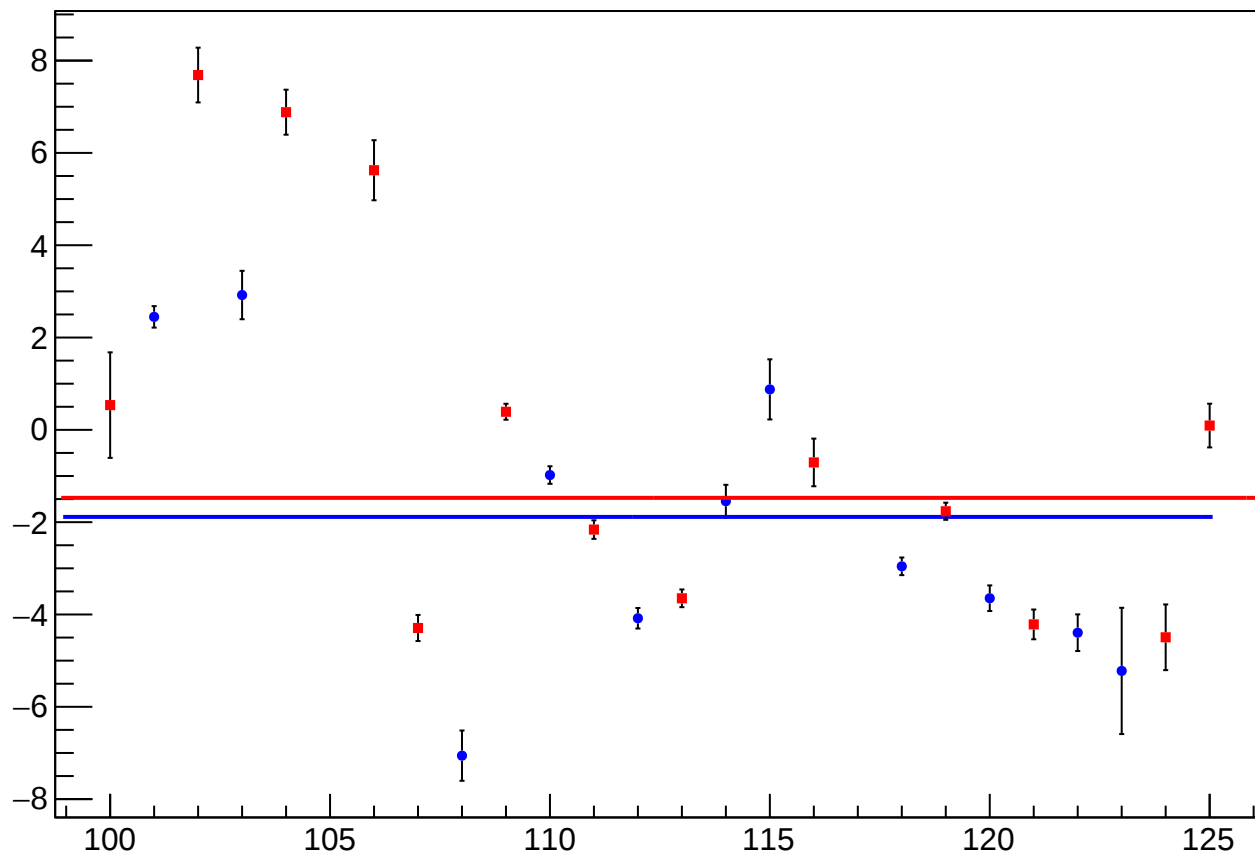
Right: -2.227 ± 0.088 χ^2/NDF : 1260.6/23

In: -1.926 ± 0.135 χ^2/NDF : 380.9/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.227 ± 0.088 χ^2/NDF : 1260.6/23

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.886 $\pm$ 0.087 χ^2 /NDF: 777.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.473 $\pm$ 0.080 χ^2 /NDF: 1116.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

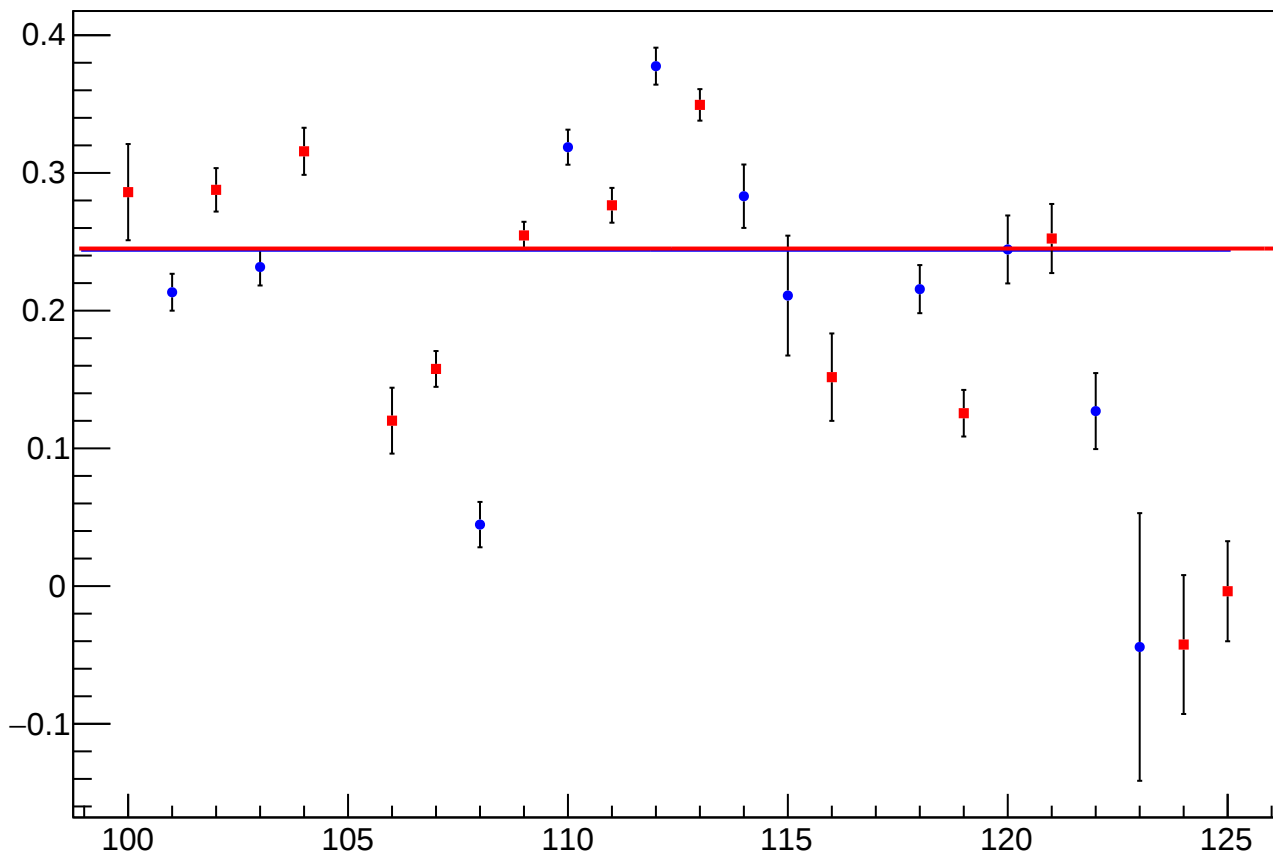
Right: -1.661 $\pm$ 0.059 χ^2 /NDF: 1906.2/23

In: -1.886 $\pm$ 0.087 χ^2 /NDF:777.3/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.661 $\pm$ 0.059 χ^2 /NDF: 1906.2/23

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.244+/-0.005 χ^2/NDF : 318.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.245+/-0.005 χ^2/NDF : 326.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

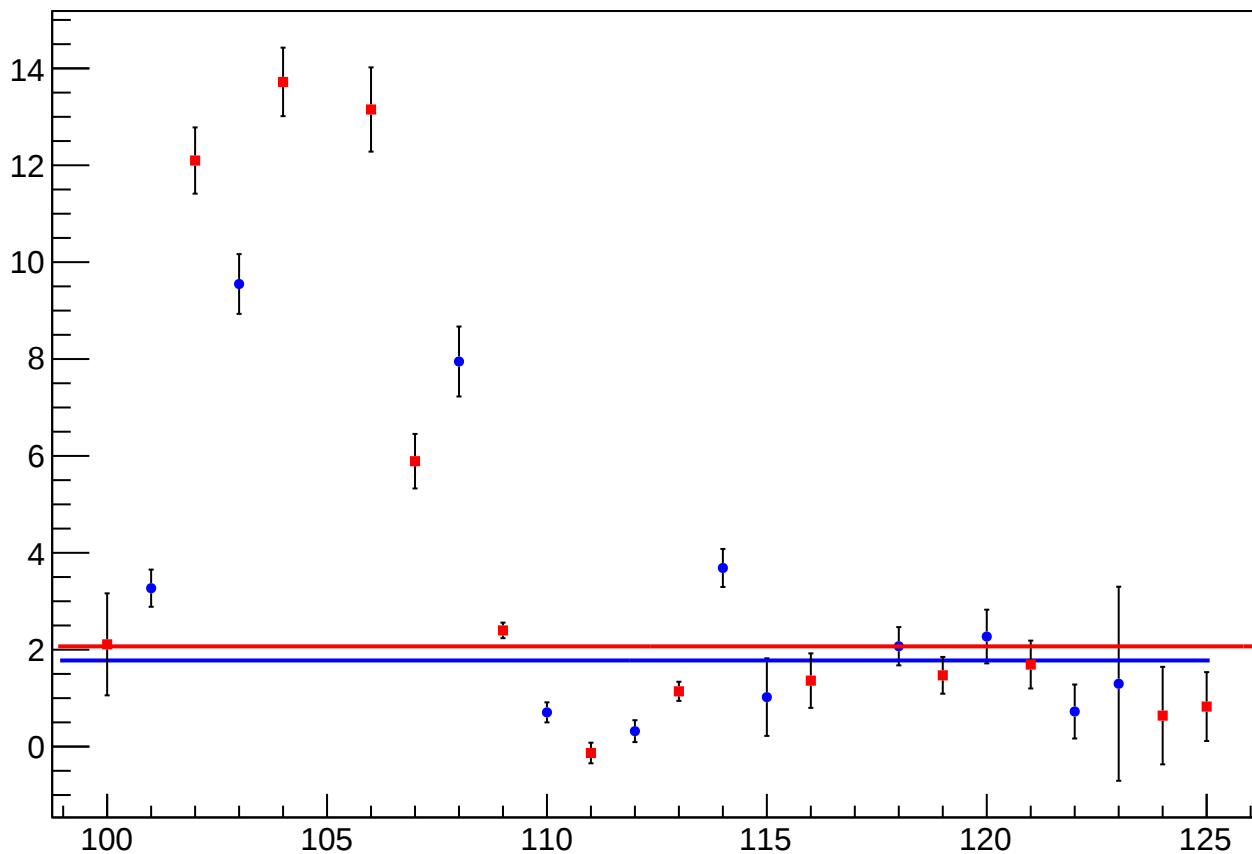
Right: 0.245+/-0.003 χ^2/NDF : 645.3/23

In: 0.244+/-0.005 χ^2/NDF : 318.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.245+/-0.003 χ^2/NDF : 645.3/23

reg_asym_bcm_an_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.778+/-0.115 χ^2/NDF : 345.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.069+/-0.094 χ^2/NDF : 838.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

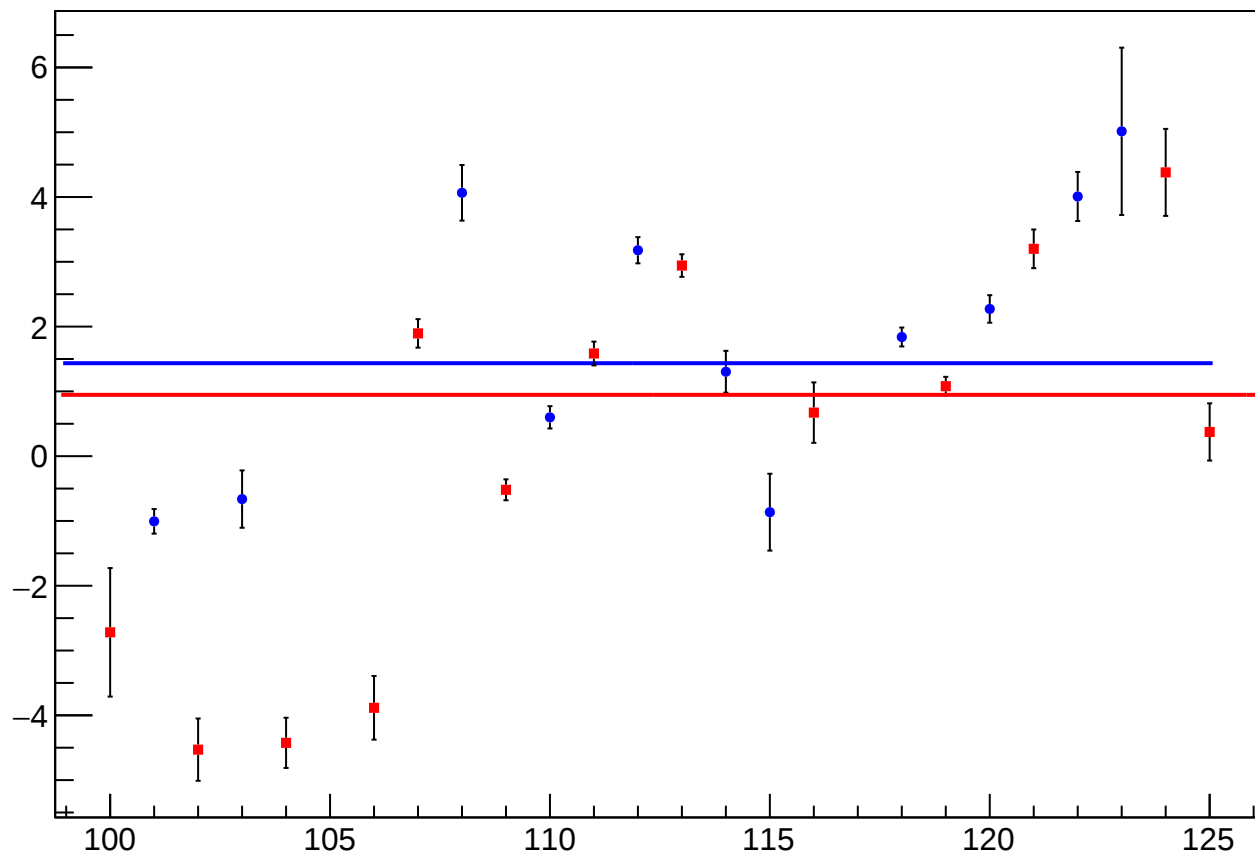
Right: 1.953+/-0.073 χ^2/NDF : 1187.3/23

In: 1.778+/-0.115 χ^2/NDF : 345.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.953+/-0.073 χ^2/NDF : 1187.3/23

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.435 $\pm$ 0.073 χ^2 /NDF: 415.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.947 $\pm$ 0.069 χ^2 /NDF: 762.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

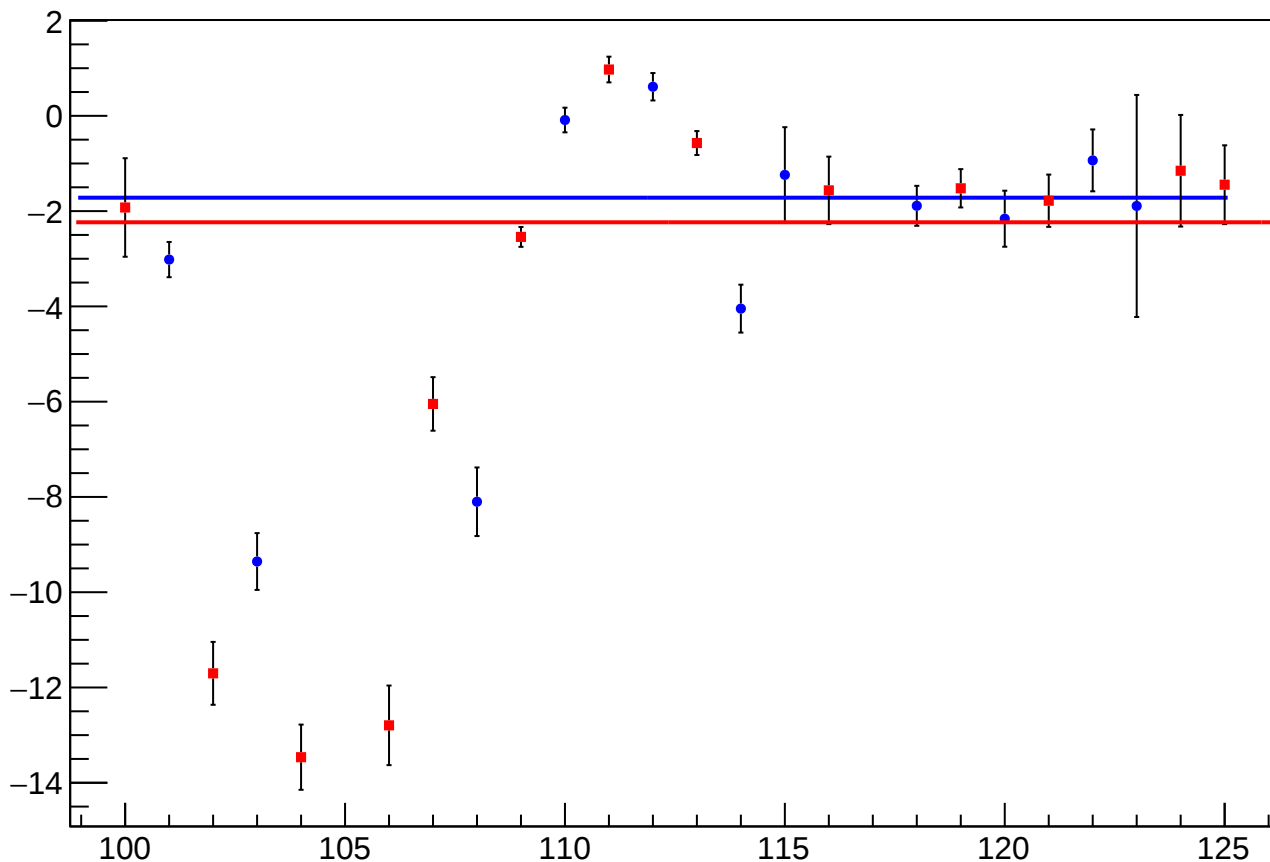
Right: 1.176 $\pm$ 0.050 χ^2 /NDF: 1202.2/23

In: 1.435 $\pm$ 0.073 χ^2 /NDF:415.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.176 $\pm$ 0.050 χ^2 /NDF: 1202.2/23

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.718 ± 0.135 χ^2/NDF : 384.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.234 ± 0.114 χ^2/NDF : 875.0/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

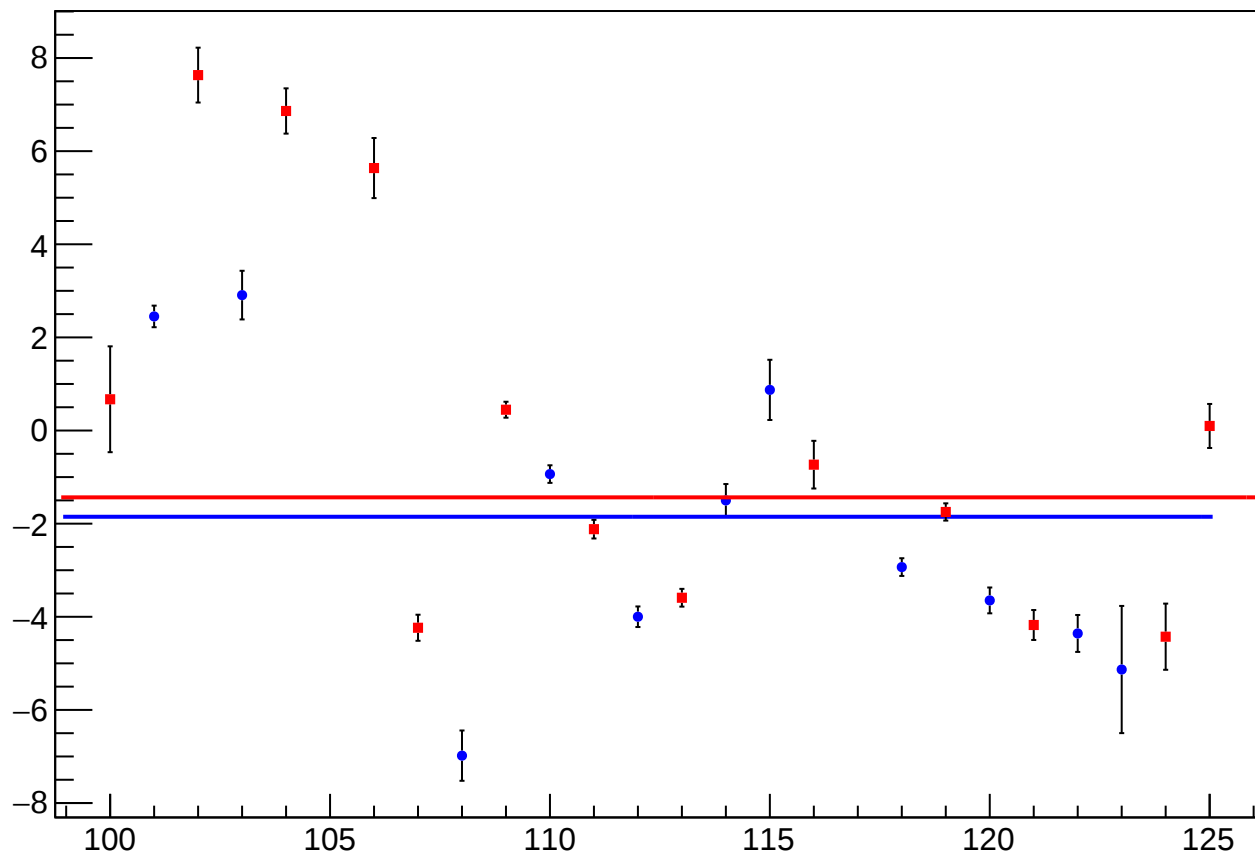
Right: -2.018 ± 0.087 χ^2/NDF : 1267.7/23

In: -1.718 ± 0.135 χ^2/NDF : 384.2/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.018 ± 0.087 χ^2/NDF : 1267.7/23

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.852 ± 0.087 χ^2/NDF : 774.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.435 ± 0.079 χ^2/NDF : 1118.1/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

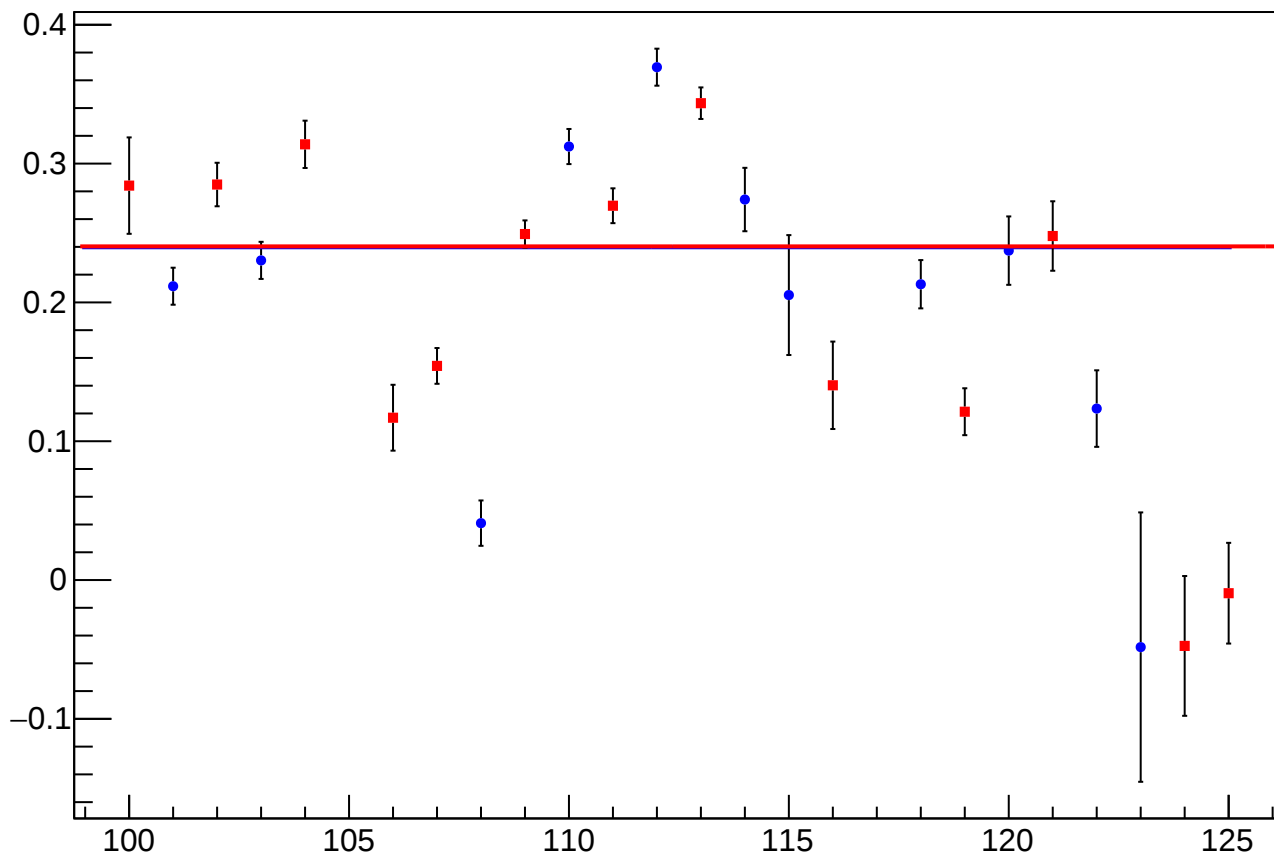
Right: -1.624 ± 0.059 χ^2/NDF : 1905.1/23

In: -1.852 ± 0.087 χ^2/NDF : 774.5/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.624 ± 0.059 χ^2/NDF : 1905.1/23

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.240+/-0.005 χ^2/NDF : 312.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.240+/-0.005 χ^2/NDF : 328.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

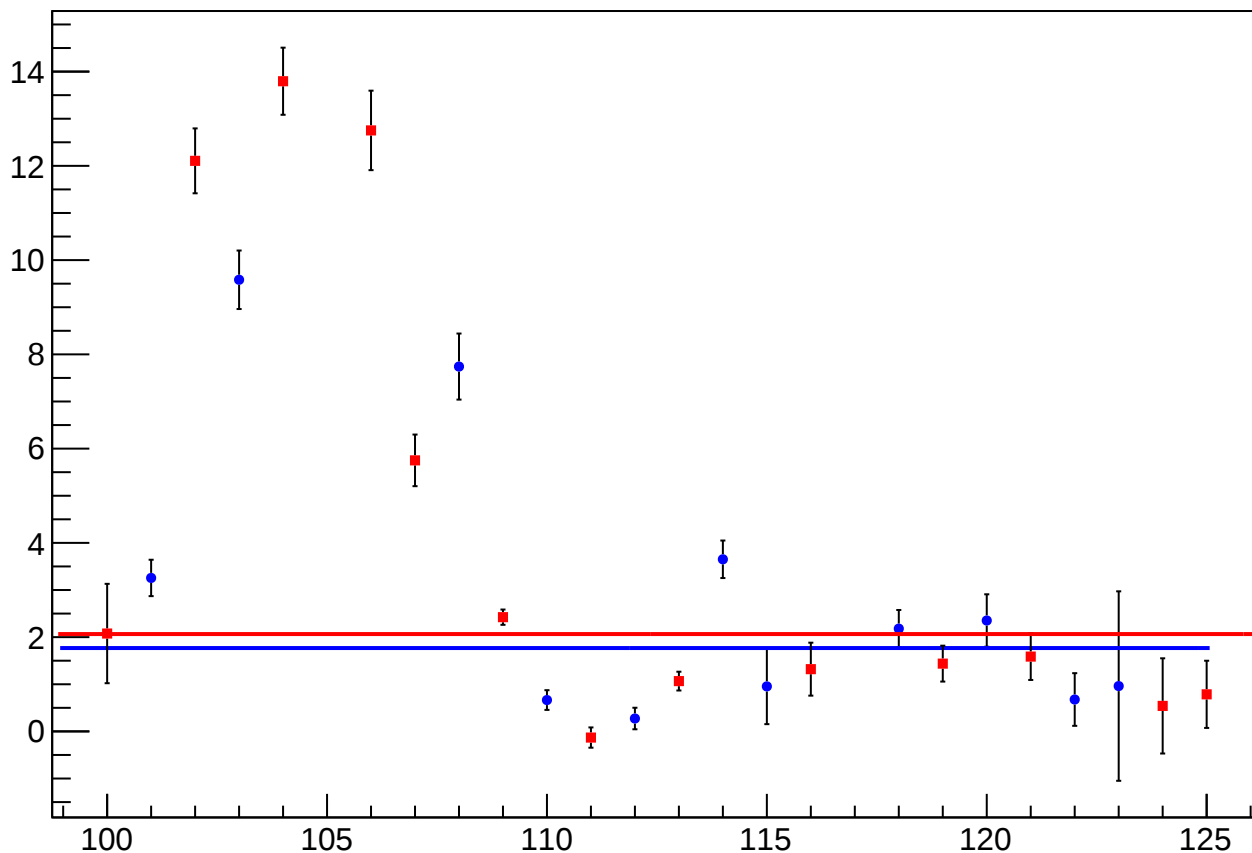
Right: 0.240+/-0.003 χ^2/NDF : 641.0/23

In: 0.240+/-0.005 χ^2/NDF : 312.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.240+/-0.003 χ^2/NDF : 641.0/23

reg_asym_bcm_an_us_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.769+/-0.116 χ^2/NDF : 346.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.065+/-0.095 χ^2/NDF : 835.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

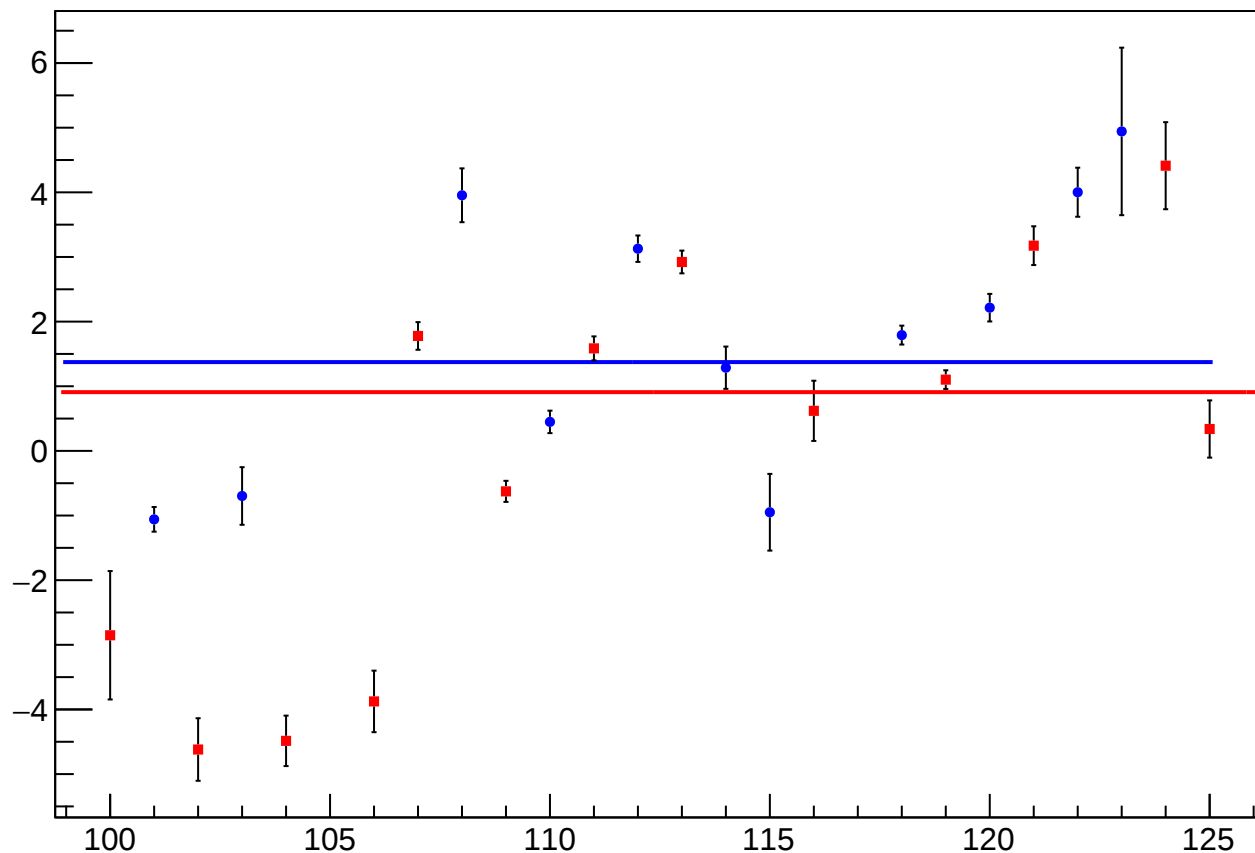
Right: 1.947+/-0.073 χ^2/NDF : 1185.5/23

In: 1.769+/-0.116 χ^2/NDF : 346.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.947+/-0.073 χ^2/NDF : 1185.5/23

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.374+/-0.074 χ^2/NDF : 419.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.909+/-0.069 χ^2/NDF : 774.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

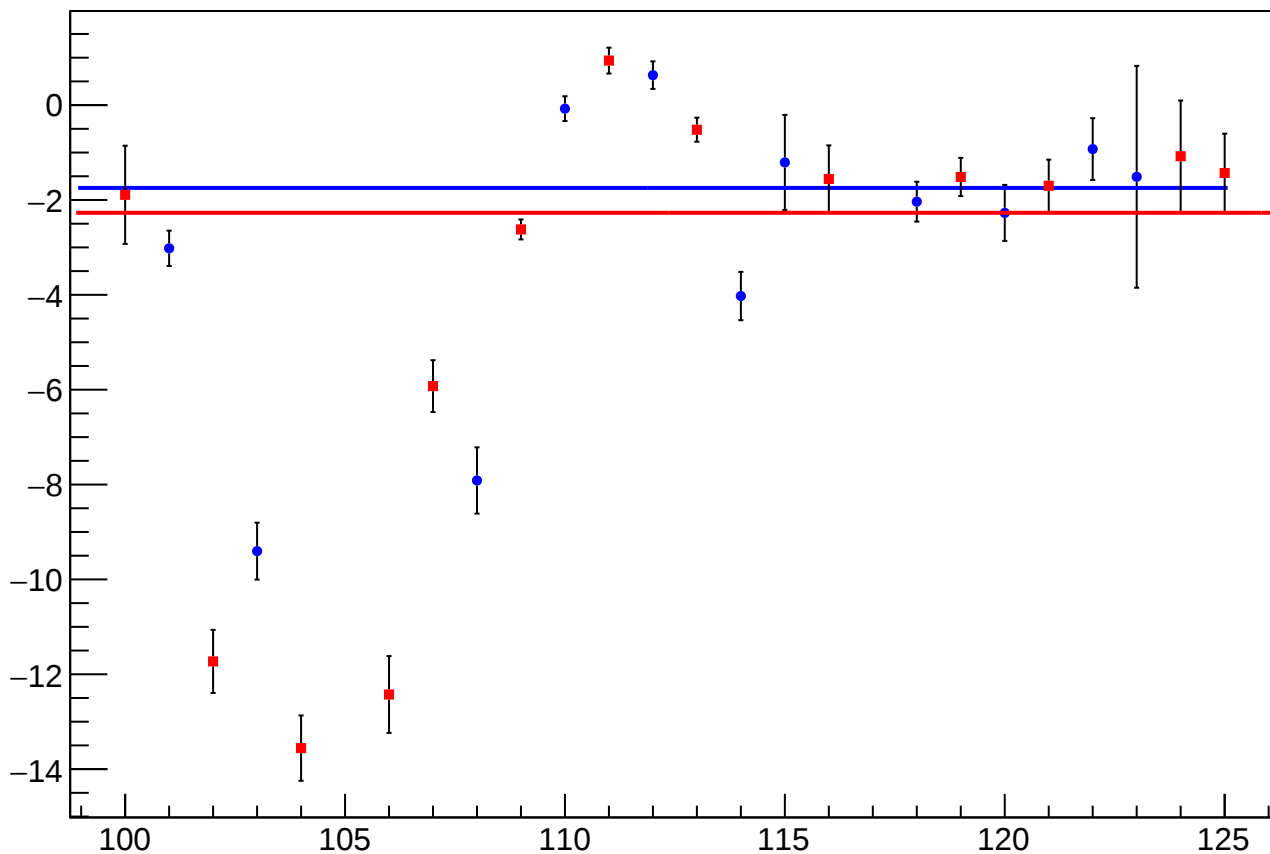
Right: 1.127+/-0.051 χ^2/NDF : 1214.5/23

In: 1.374+/-0.074 χ^2/NDF : 419.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.127+/-0.051 χ^2/NDF : 1214.5/23

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.746+/-0.136 χ^2/NDF : 383.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.270+/-0.115 χ^2/NDF : 869.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

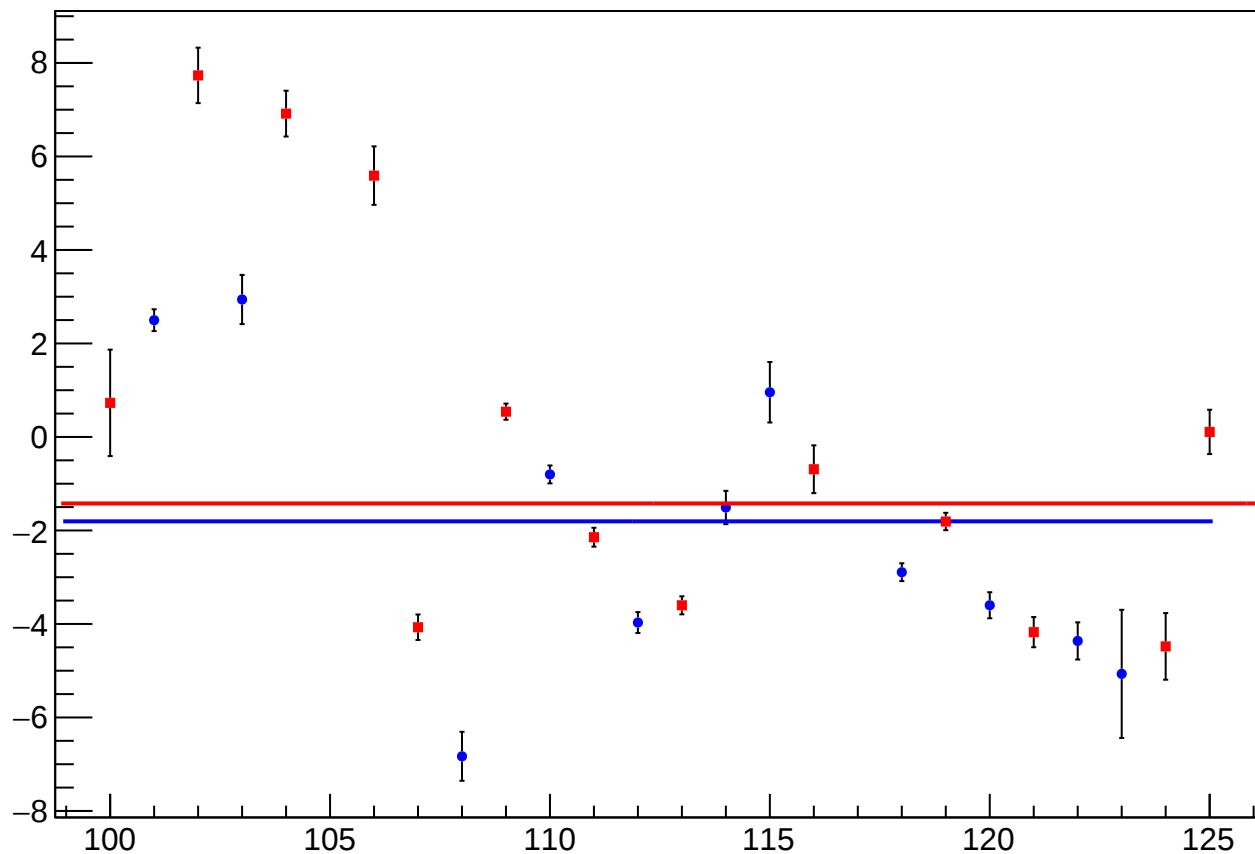
Right: -2.050+/-0.088 χ^2/NDF : 1261.6/23

In: -1.746+/-0.136 χ^2/NDF : 383.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.050+/-0.088 χ^2/NDF : 1261.6/23

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.805 ± 0.087 χ^2/NDF : 775.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.422 ± 0.080 χ^2/NDF : 1129.4/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

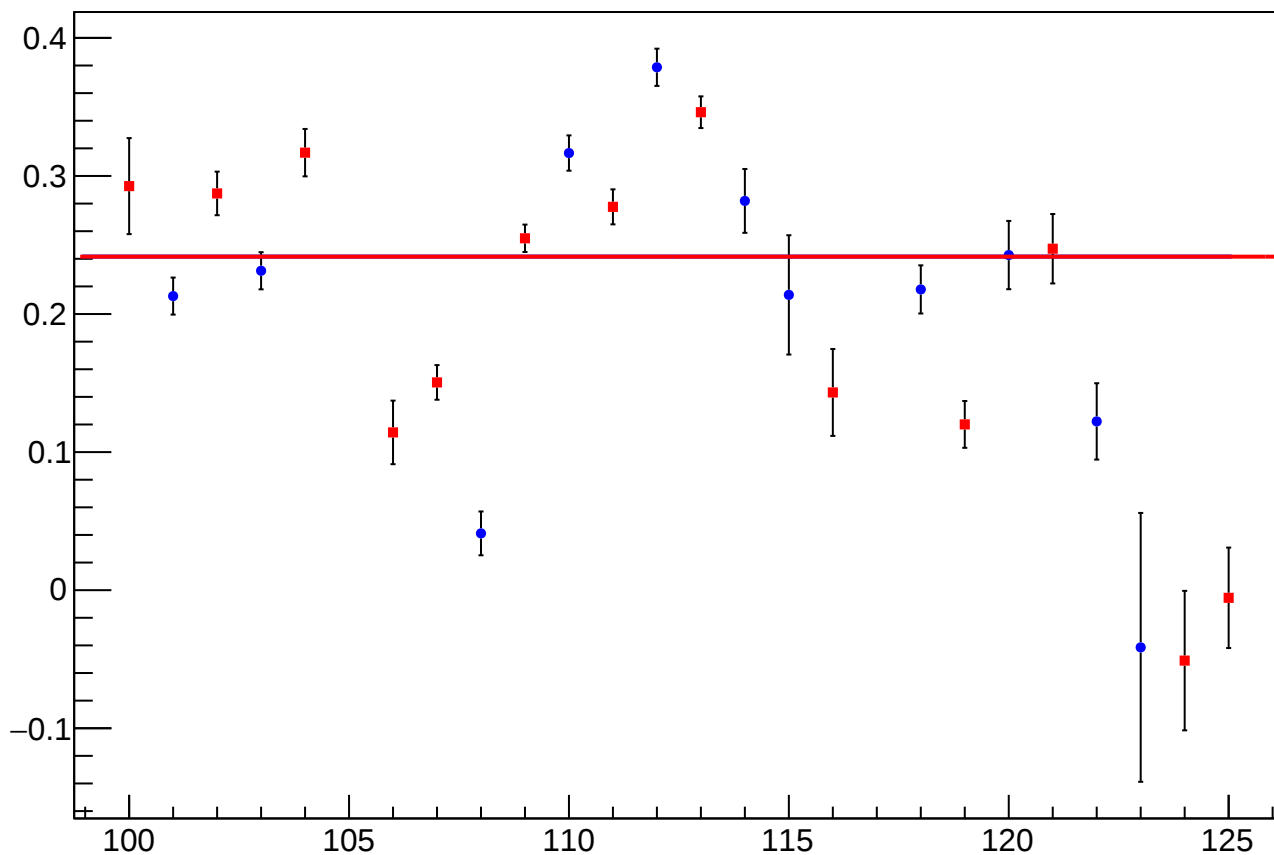
Right: -1.596 ± 0.059 χ^2/NDF : 1915.4/23

In: -1.805 ± 0.087 χ^2/NDF : 775.5/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.596 ± 0.059 χ^2/NDF : 1915.4/23

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.242 $\pm$ 0.005 χ^2 /NDF: 335.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.242 $\pm$ 0.005 χ^2 /NDF: 347.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

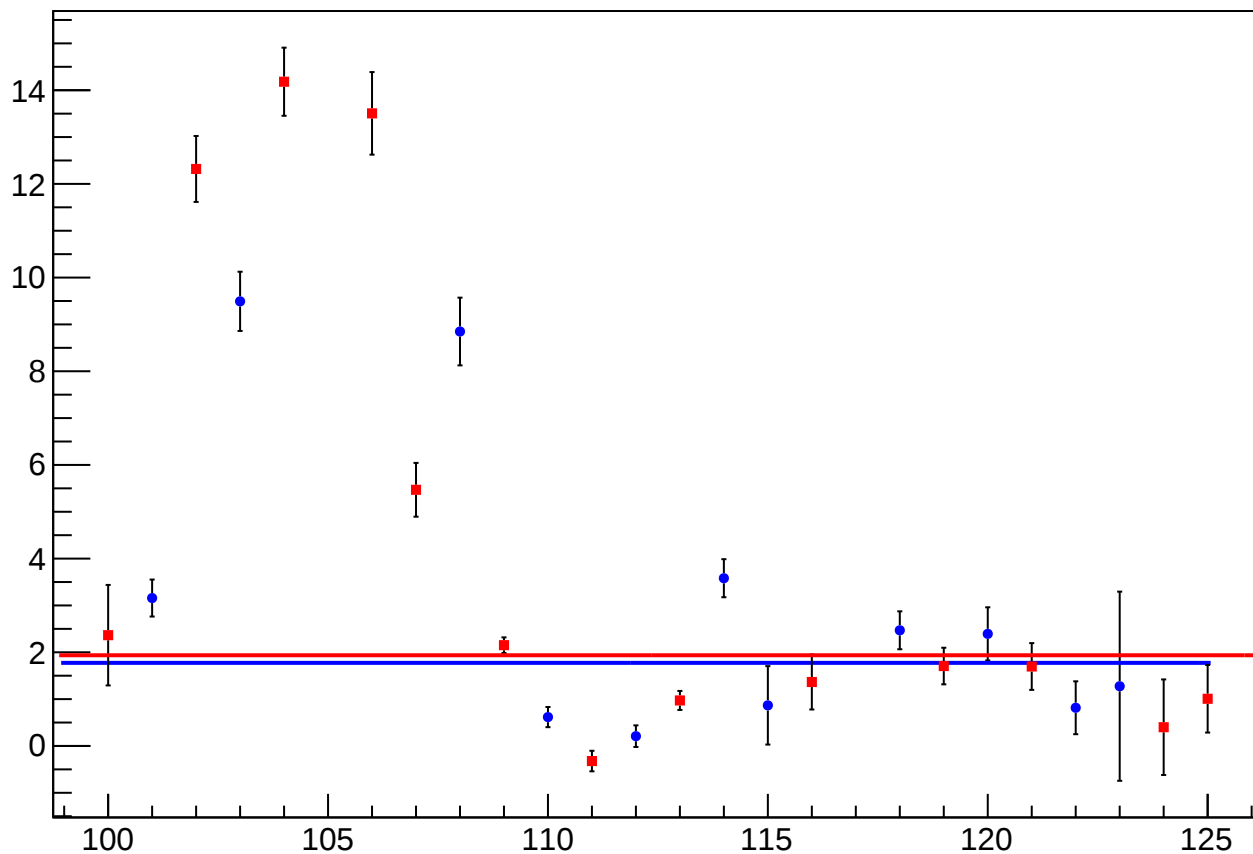
Right: 0.242 $\pm$ 0.003 χ^2 /NDF: 682.2/23

In: 0.242 $\pm$ 0.005 χ^2 /NDF:335.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.242 $\pm$ 0.003 χ^2 /NDF: 682.2/23

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.774+/-0.118 χ^2/NDF : 360.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.937+/-0.097 χ^2/NDF : 847.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

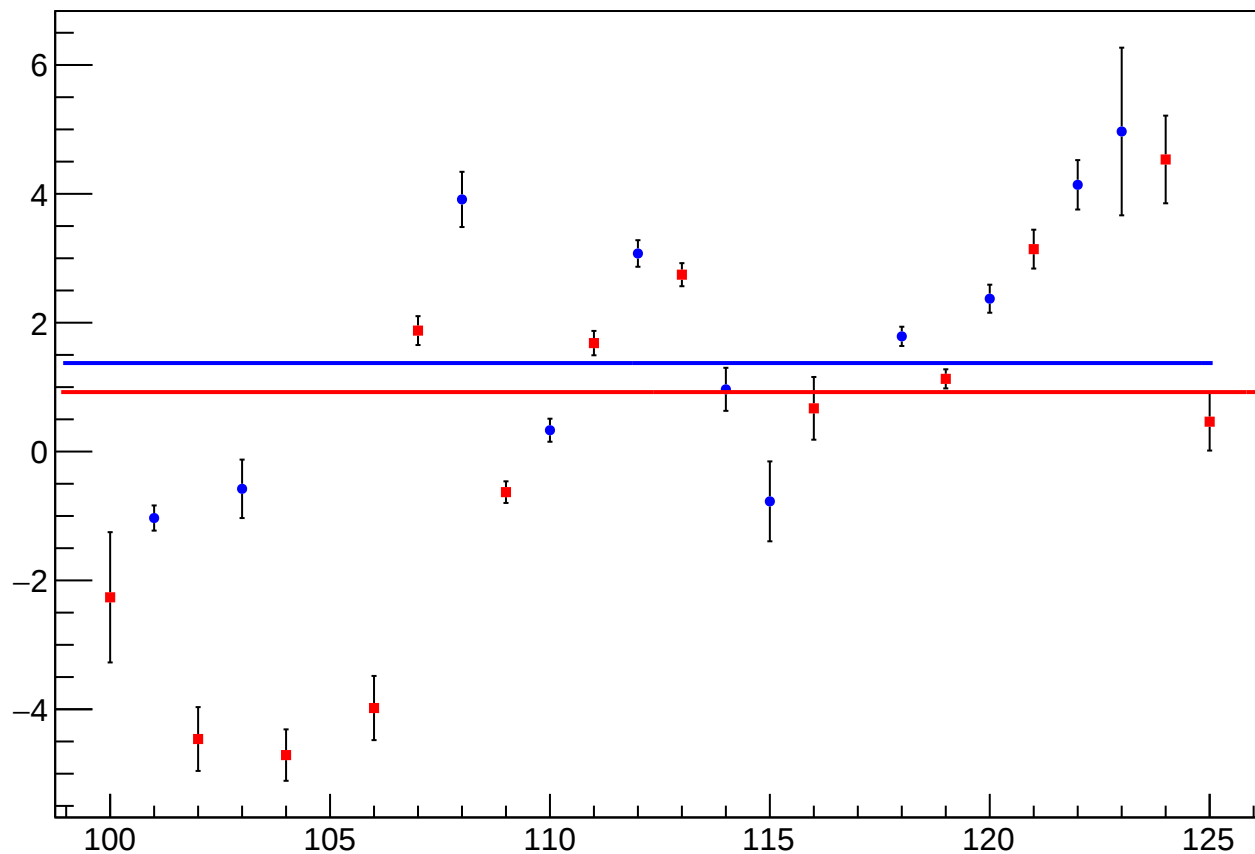
Right: 1.872+/-0.075 χ^2/NDF : 1208.3/23

In: 1.774+/-0.118 χ^2/NDF : 360.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.872+/-0.075 χ^2/NDF : 1208.3/23

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.374+/-0.075 χ^2/NDF : 409.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.923+/-0.071 χ^2/NDF : 733.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

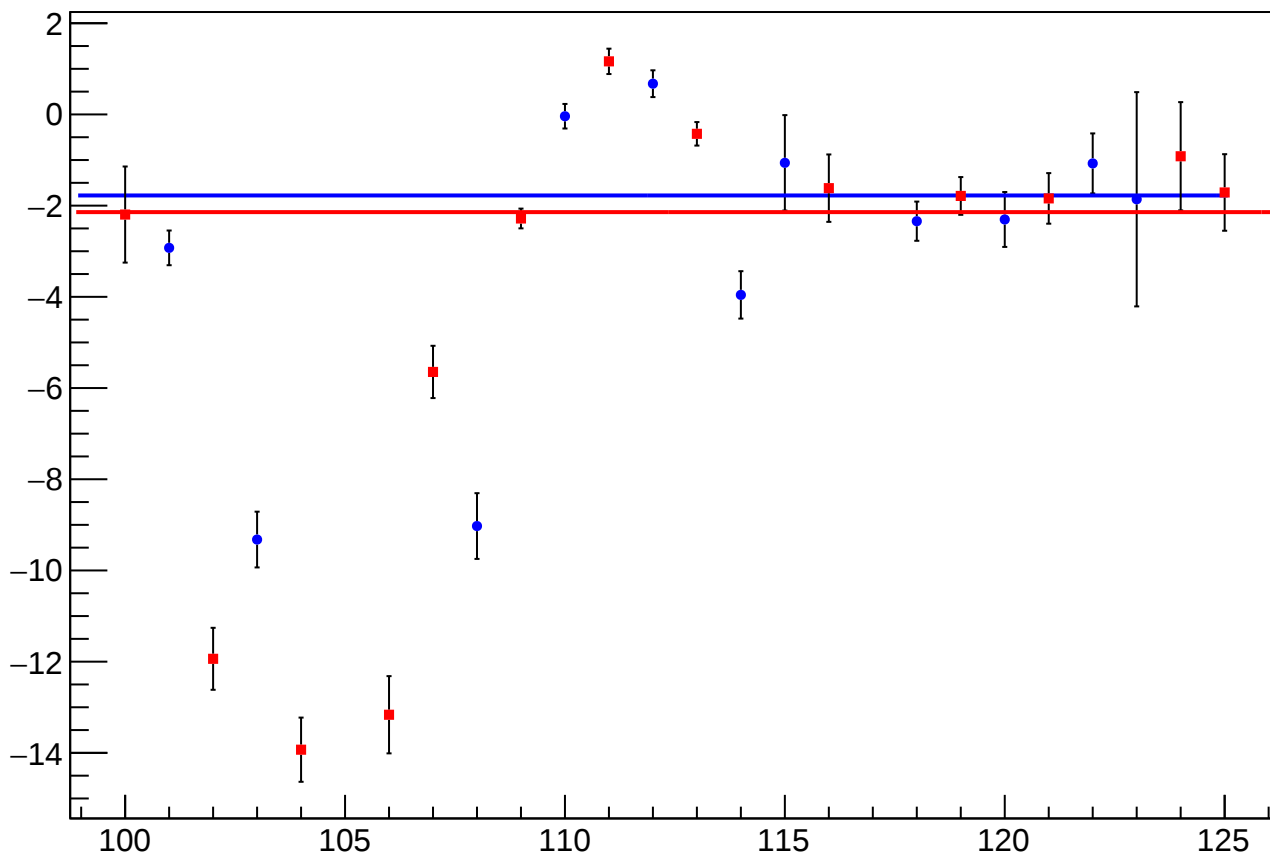
Right: 1.135+/-0.052 χ^2/NDF : 1161.3/23

In: 1.374+/-0.075 χ^2/NDF : 409.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.135+/-0.052 χ^2/NDF : 1161.3/23

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.777±/0.138 χ^2/NDF : 395.5/10

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: -2.142±/0.118 χ^2/NDF : 883.8/12

Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

Left: 0.000±/0.000 χ^2/NDF : 0.0/0

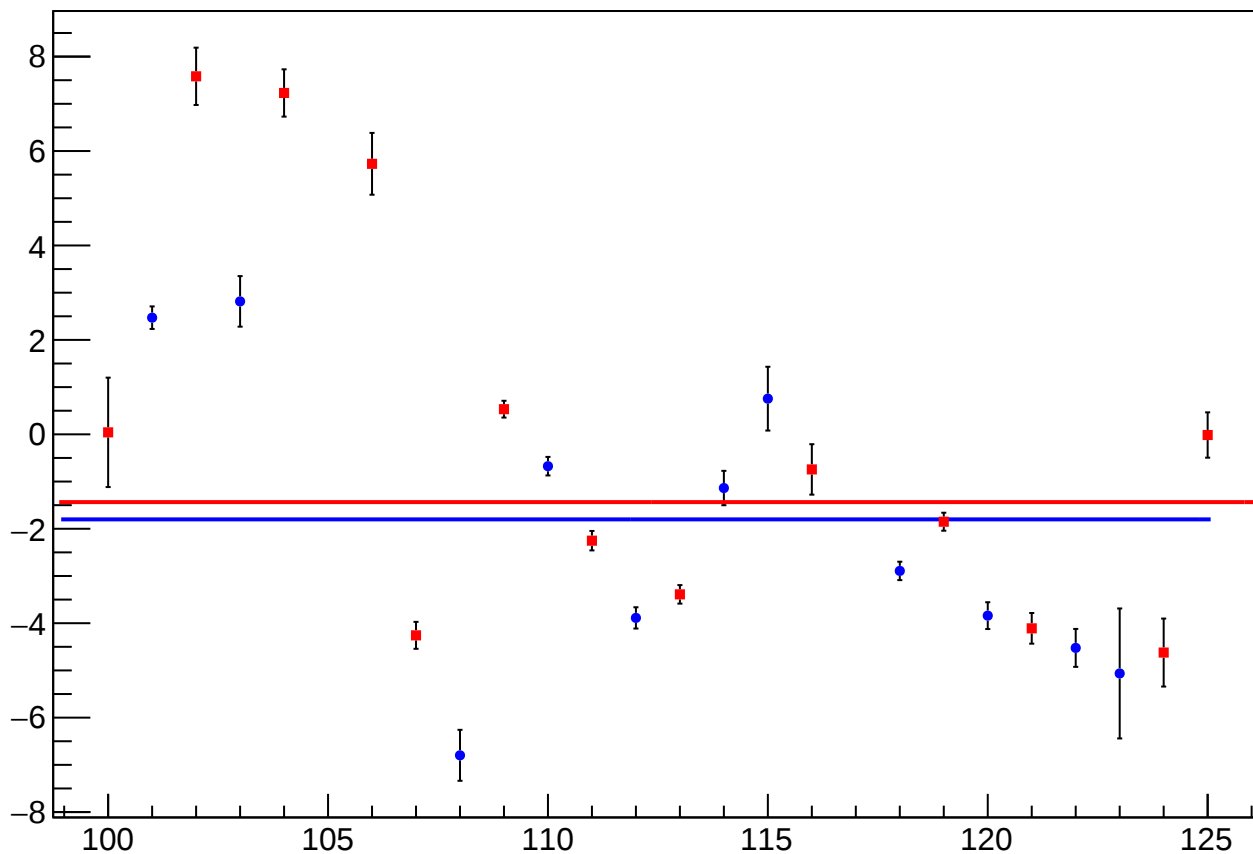
Right: -1.988±/0.090 χ^2/NDF : 1283.4/23

In: -1.777±/0.138 χ^2/NDF : 395.5/10

Out: 0.000±/0.000 χ^2/NDF : 0.0/0

All: -1.988±/0.090 χ^2/NDF : 1283.4/23

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.801 $\pm$ 0.089 χ^2 /NDF: 750.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.435 $\pm$ 0.082 χ^2 /NDF: 1079.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

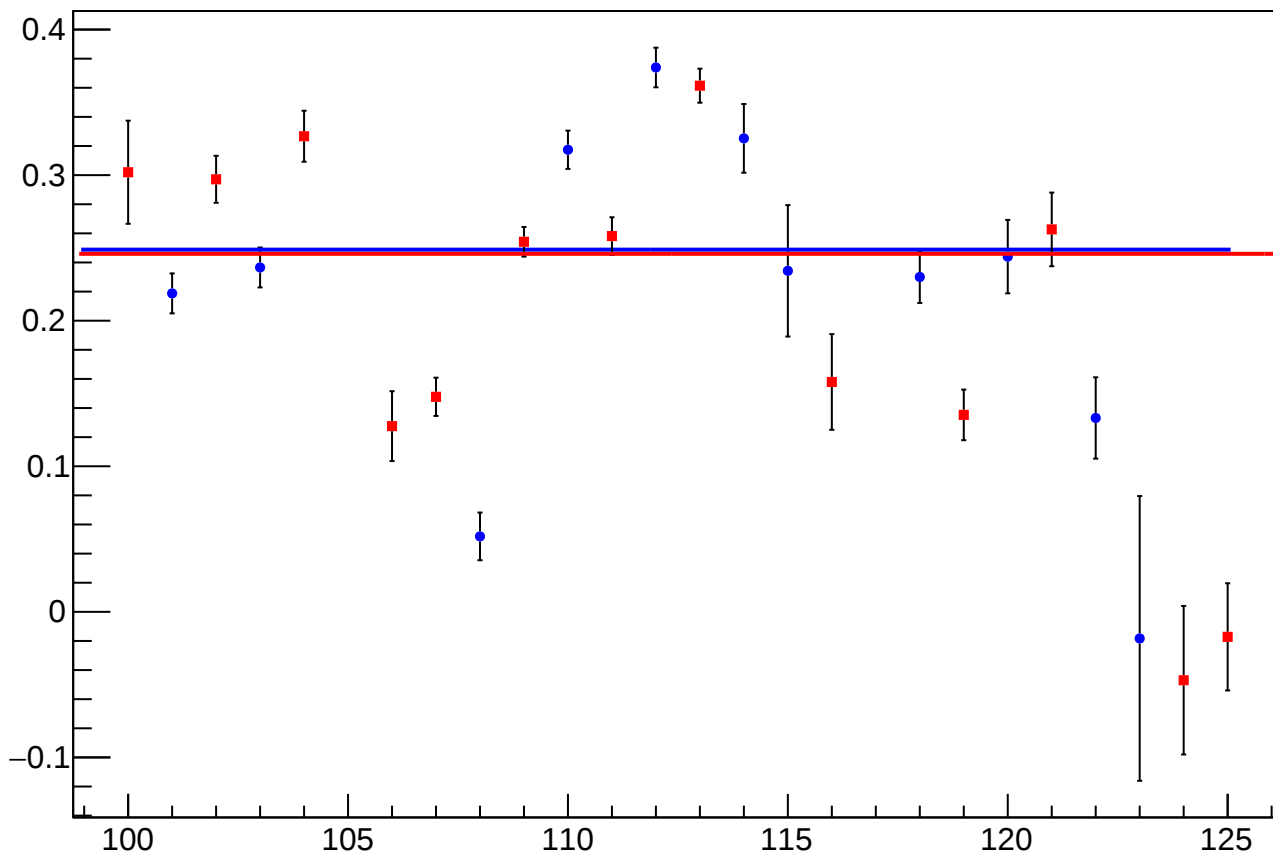
Right: -1.602 $\pm$ 0.060 χ^2 /NDF: 1839.4/23

In: -1.801 $\pm$ 0.089 χ^2 /NDF:750.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.602 $\pm$ 0.060 χ^2 /NDF: 1839.4/23

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.249+/-0.005 χ^2/NDF : 298.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.246+/-0.005 χ^2/NDF : 345.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

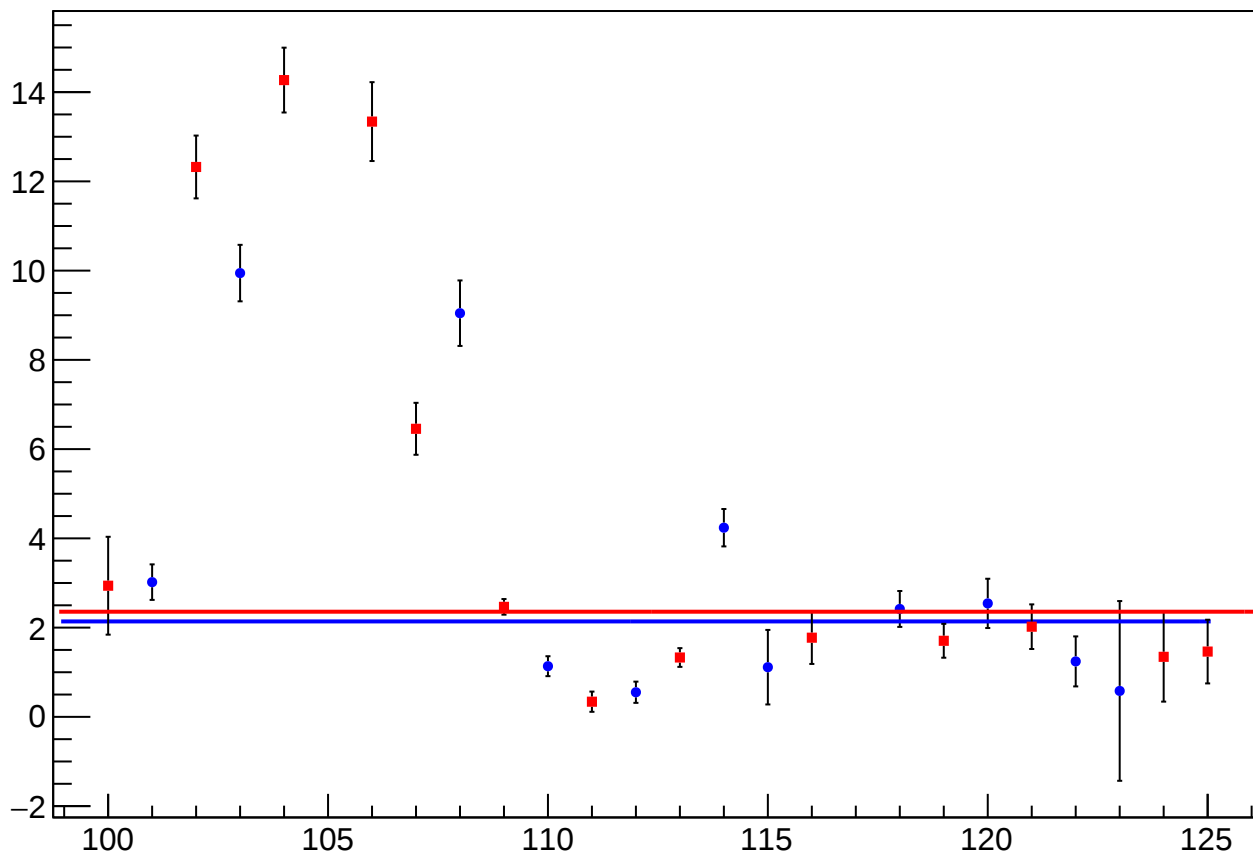
Right: 0.247+/-0.004 χ^2/NDF : 644.0/23

In: 0.249+/-0.005 χ^2/NDF : 298.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.247+/-0.004 χ^2/NDF : 644.0/23

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 2.139+/-0.121 χ^2/NDF : 341.1/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2.357+/-0.100 χ^2/NDF : 784.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

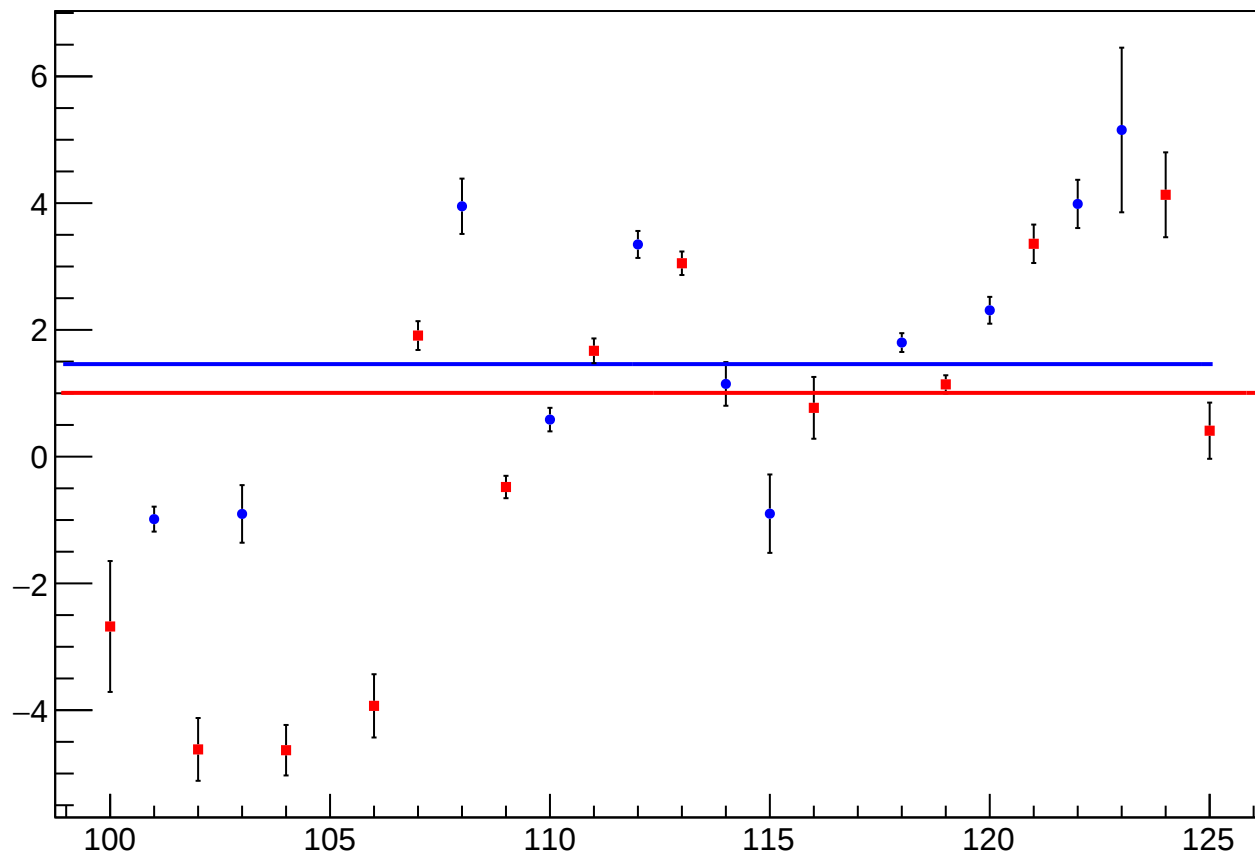
Right: 2.268+/-0.077 χ^2/NDF : 1127.3/23

In: 2.139+/-0.121 χ^2/NDF :341.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2.268+/-0.077 χ^2/NDF : 1127.3/23

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.460 $\pm$ 0.076 χ^2 /NDF: 403.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.006 $\pm$ 0.072 χ^2 /NDF: 744.5/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

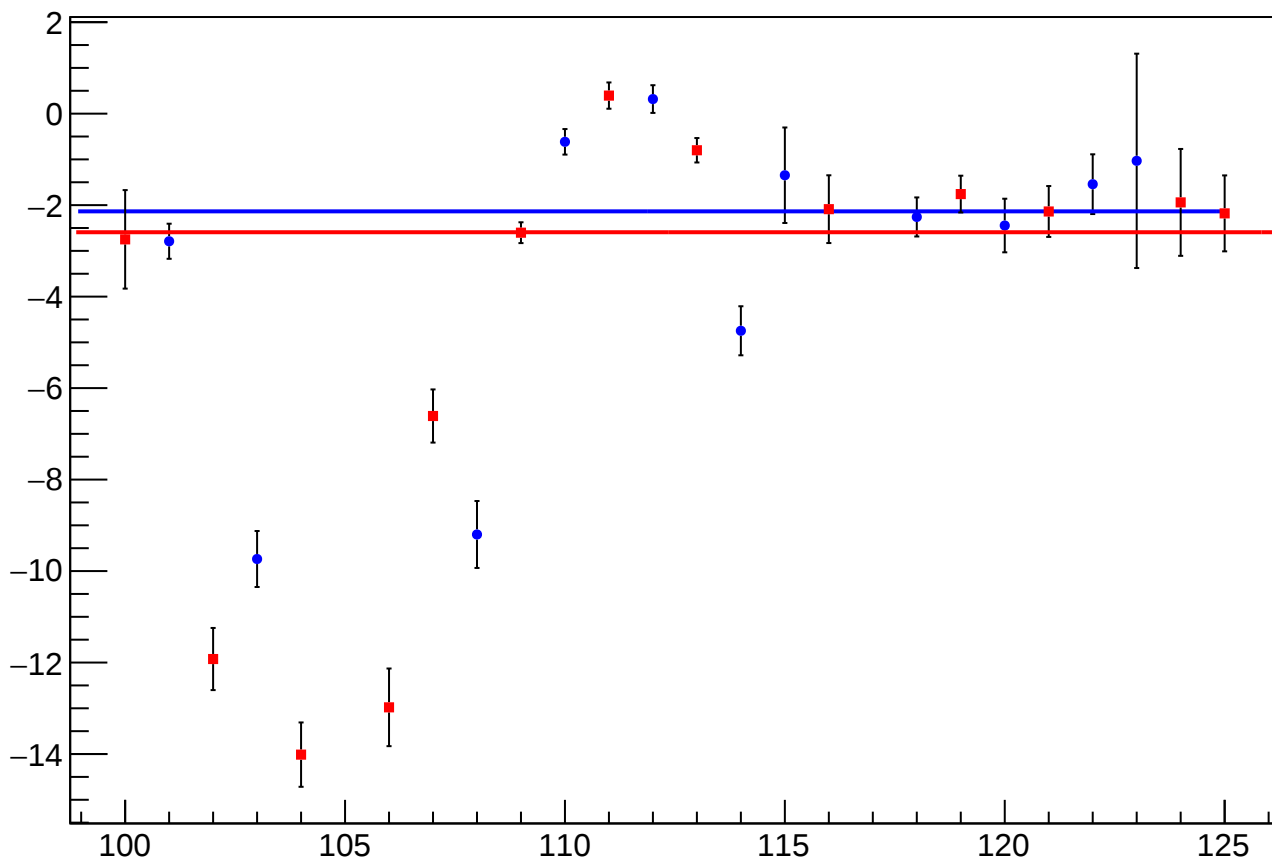
Right: 1.221 $\pm$ 0.052 χ^2 /NDF: 1167.2/23

In: 1.460 $\pm$ 0.076 χ^2 /NDF:403.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.221 $\pm$ 0.052 χ^2 /NDF: 1167.2/23

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.136 ± 0.141 χ^2/NDF : 371.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.592 ± 0.121 χ^2/NDF : 809.2/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

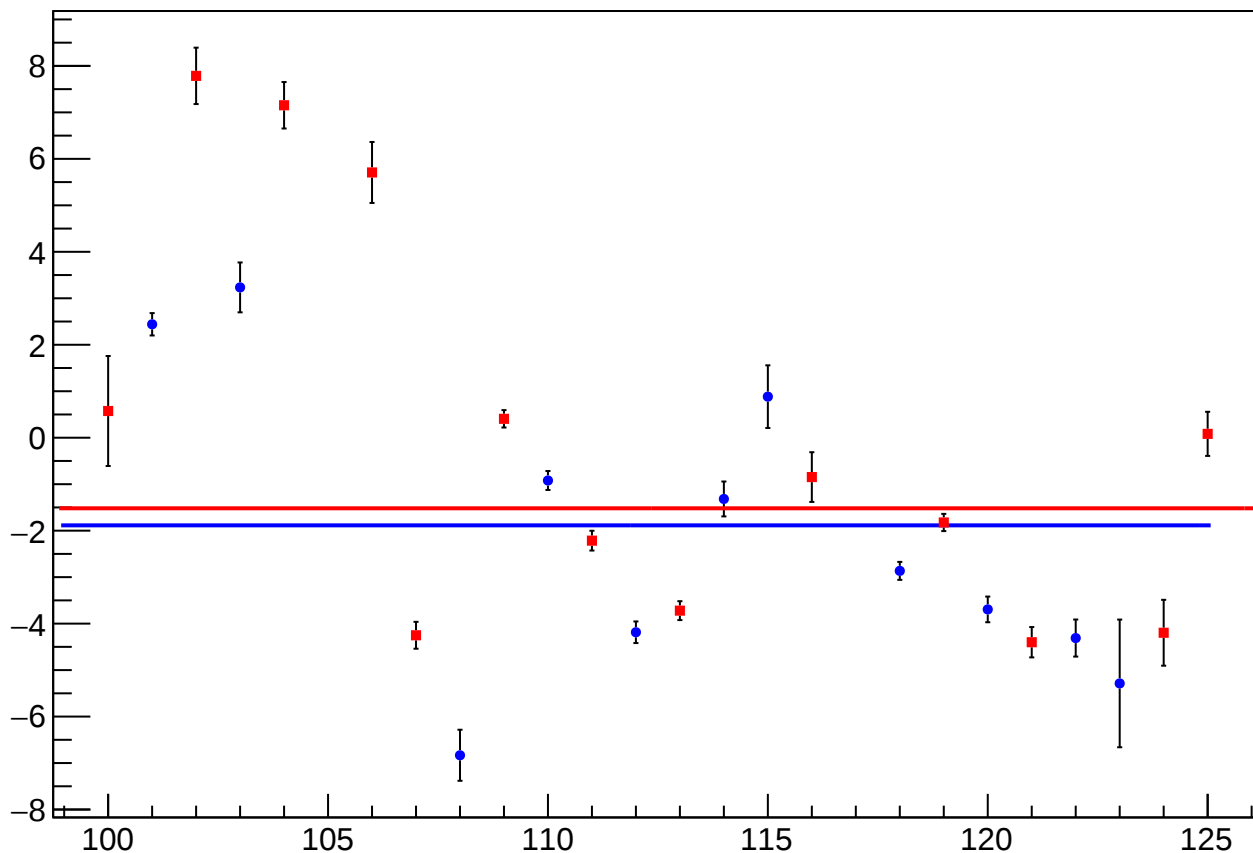
Right: -2.399 ± 0.092 χ^2/NDF : 1186.5/23

In: -2.136 ± 0.141 χ^2/NDF : 371.3/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.399 ± 0.092 χ^2/NDF : 1186.5/23

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.886 $\pm$ 0.090 χ^2 /NDF: 746.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.519 $\pm$ 0.083 χ^2 /NDF: 1091.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

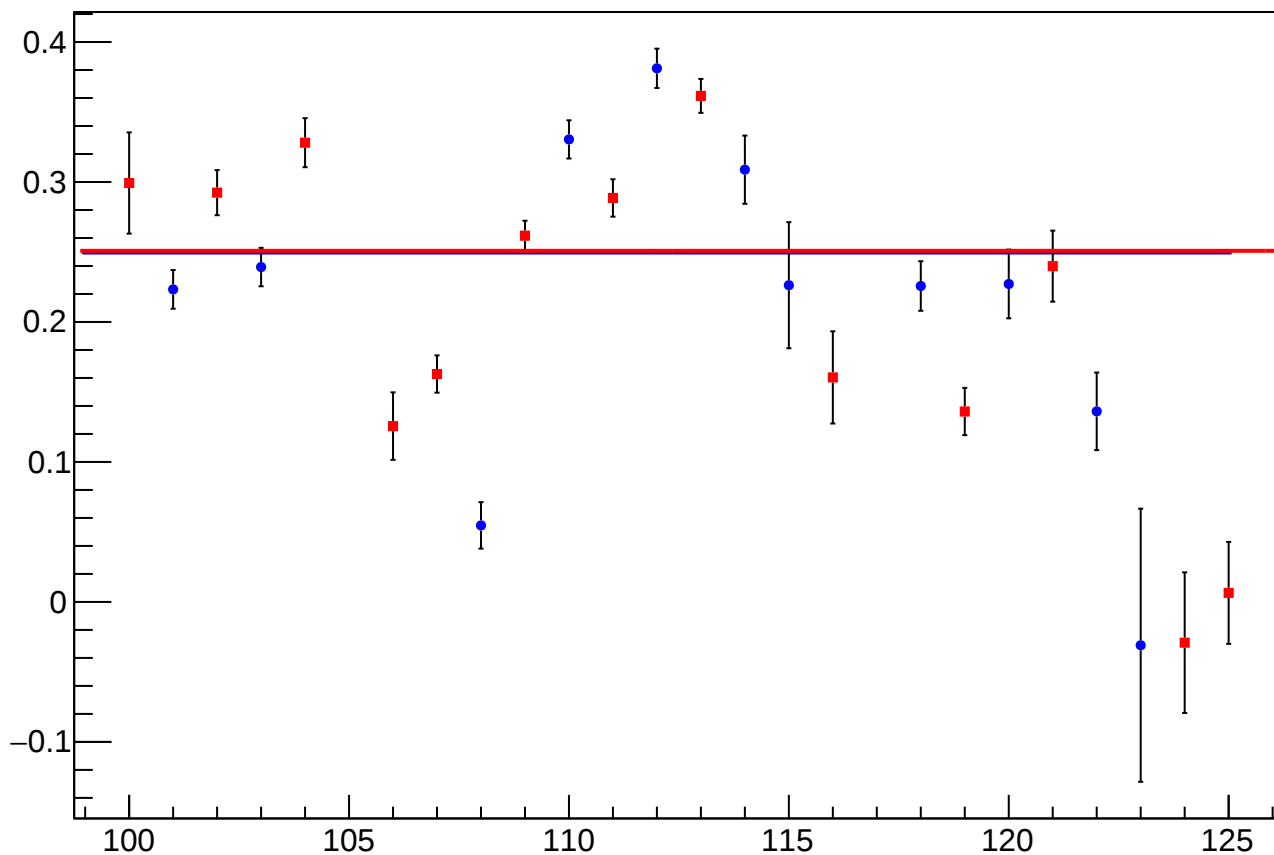
Right: -1.687 $\pm$ 0.061 χ^2 /NDF: 1847.4/23

In: -1.886 $\pm$ 0.090 χ^2 /NDF:746.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.687 $\pm$ 0.061 χ^2 /NDF: 1847.4/23

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.250+/-0.006 χ^2/NDF : 298.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.251+/-0.005 χ^2/NDF : 321.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

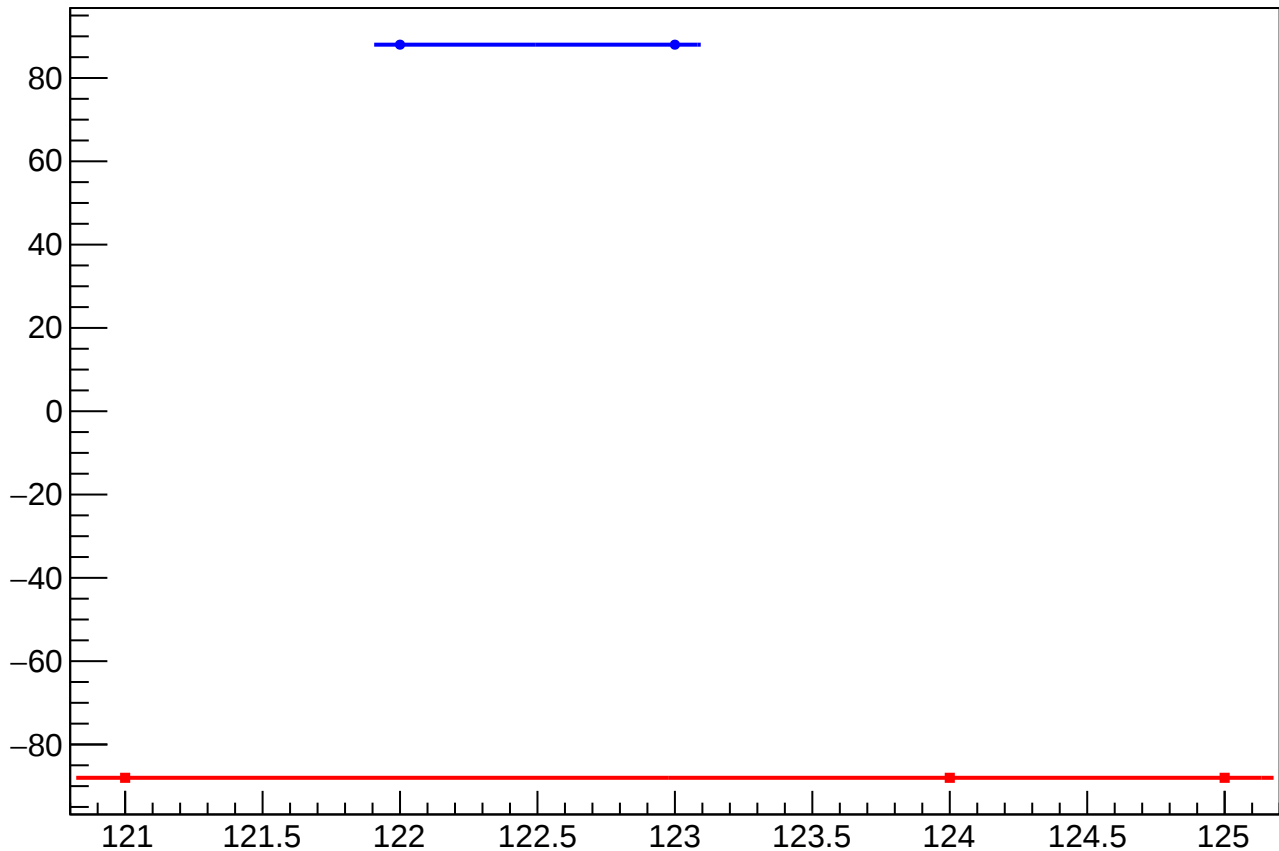
Right: 0.250+/-0.004 χ^2/NDF : 620.1/23

In: 0.250+/-0.006 χ^2/NDF : 298.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.250+/-0.004 χ^2/NDF : 620.1/23

VWienAngle_mean vs Slug, Sign Corrected



Right In: 88.001+/-0.000 χ^2/NDF : 15550.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -88.001+/-0.000 χ^2/NDF : 136315.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

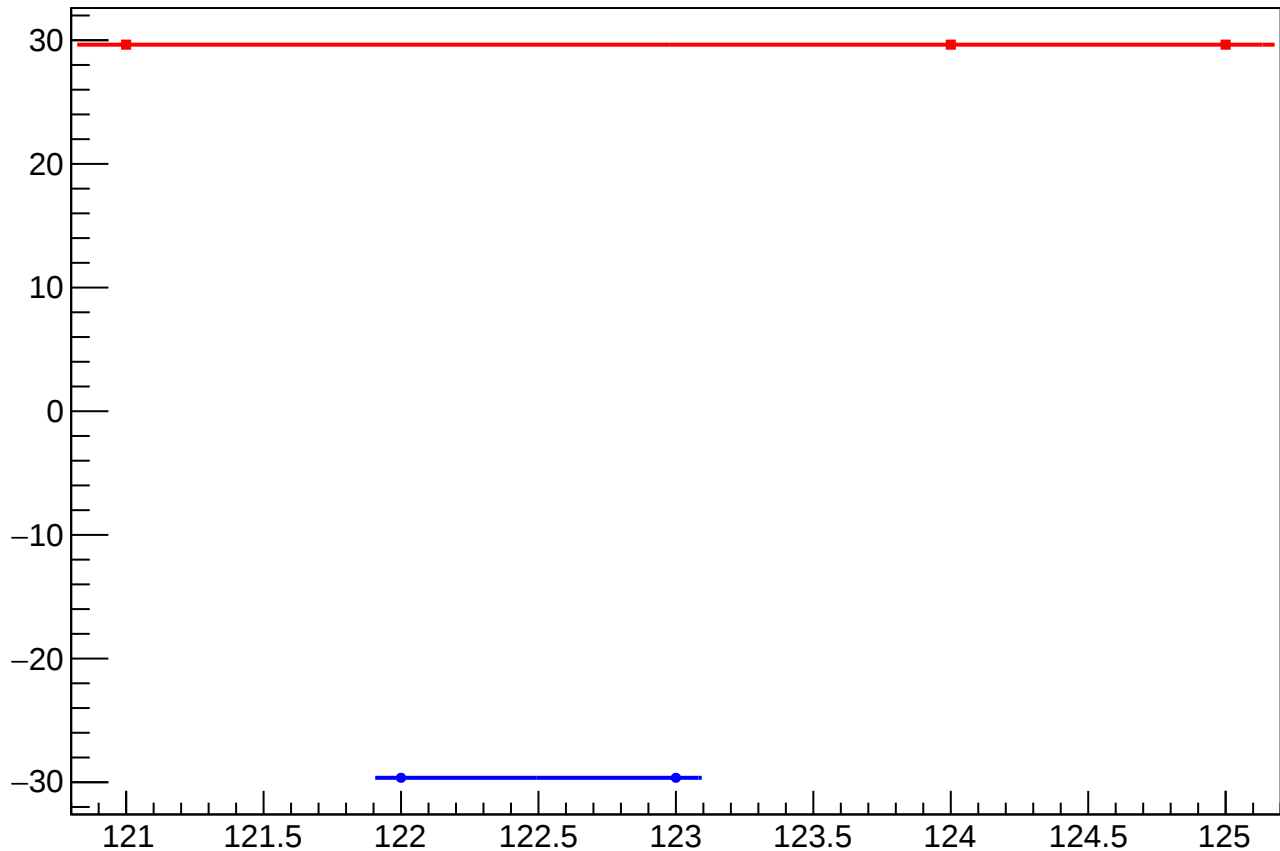
Right: -27.542+/-0.000 χ^2/NDF : 915107142424832

In: 88.001+/-0.000 χ^2/NDF : 15550.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.542+/-0.000 χ^2/NDF : 915107142424

HWienAngle_mean vs Slug, Sign Corrected



Right In: -29.641 ± 0.000 $\chi^2/\text{NDF}: 568.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 29.641 ± 0.000 $\chi^2/\text{NDF}: 19677.3/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

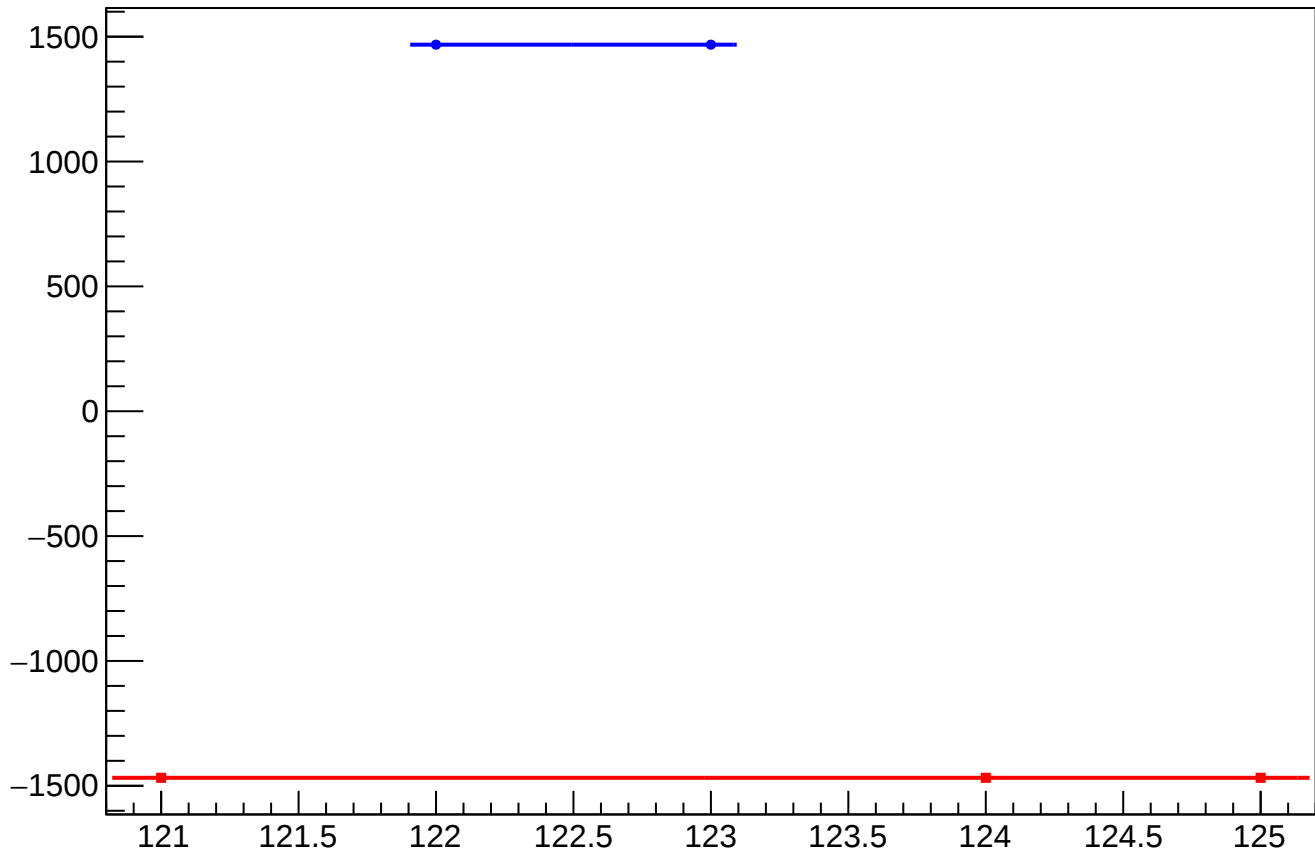
Right: 9.277 ± 0.000 $\chi^2/\text{NDF}: 10381895756796236$

In: -29.641 ± 0.000 $\chi^2/\text{NDF}: 568.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 9.277 ± 0.000 $\chi^2/\text{NDF}: 10381895756796$

psub_pl_pos_mean vs Slug, Sign Corrected



Right In: 1467.979+/-0.000 χ^2/NDF : 22799165.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1467.979+/-0.000 χ^2/NDF : 60332485.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

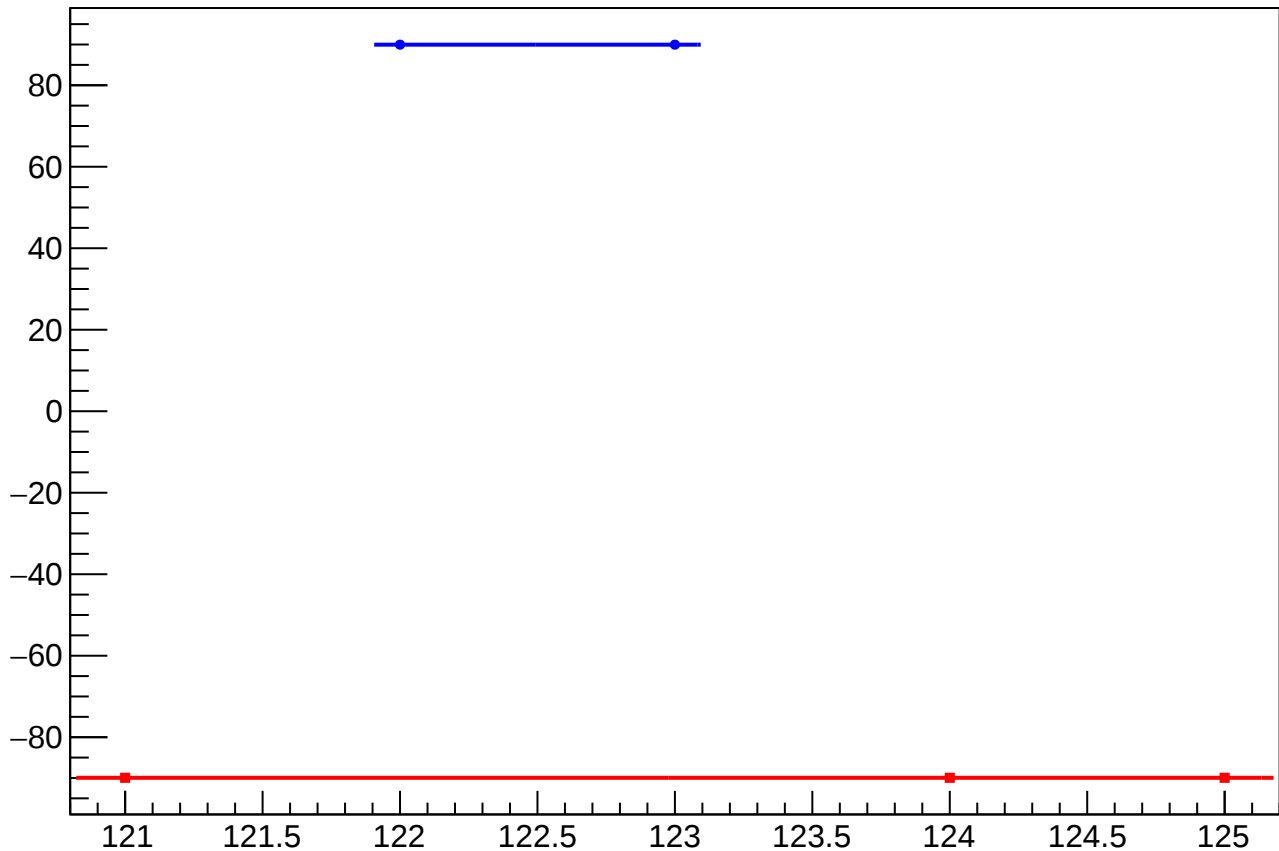
Right: -459.444+/-0.000 χ^2/NDF : 25464756171381

In: 1467.979+/-0.000 χ^2/NDF : 22799165.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -459.444+/-0.000 χ^2/NDF : 25464756171

Phi_FG_mean vs Slug, Sign Corrected



Right In: 89.959+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -89.959+/-0.000 χ^2/NDF : 88857.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

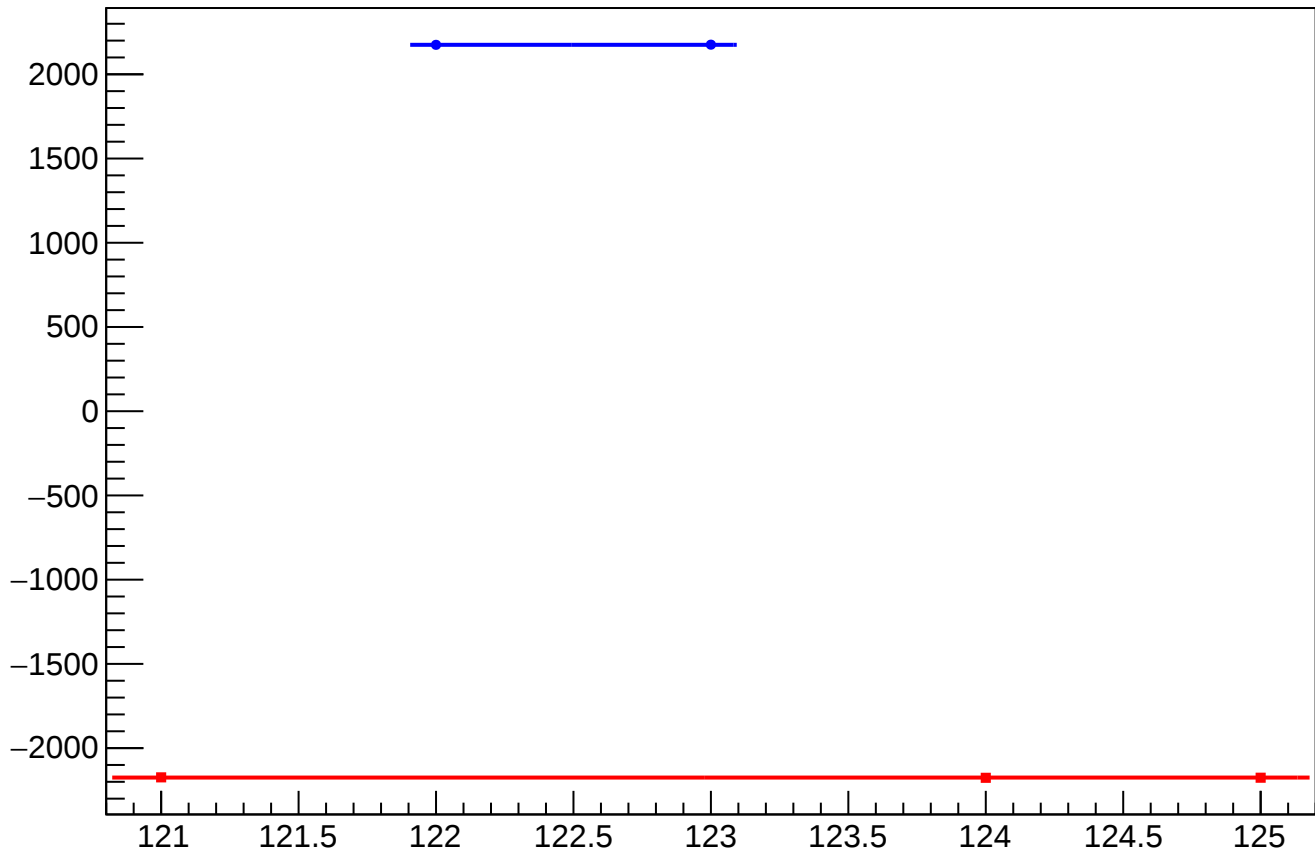
Right: -28.155+/-0.000 χ^2/NDF : 956294736327503

In: 89.959+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

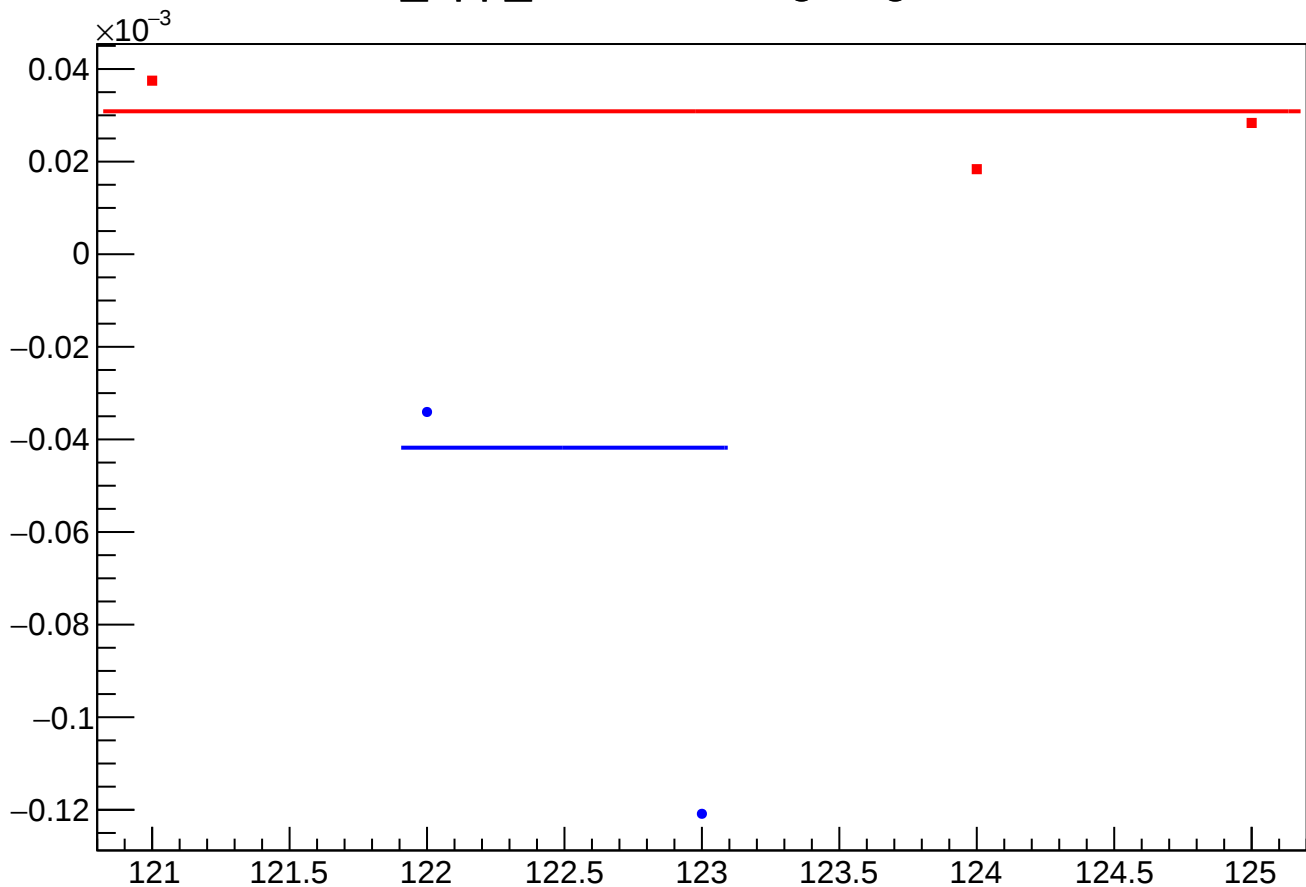
All: -28.155+/-0.000 χ^2/NDF : 956294736327

HALLA_p_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: -680.584+/-0.000 χ^2/NDF : 55896315908000
In: 2175.026+/-0.000 χ^2/NDF : 3321539959806687854140919382016.0/1
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -680.584+/-0.000 χ^2/NDF : 55896315908000

HALLA_dpp_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000

χ^2/NDF : 27451320198699994316800.0/1

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.000+/-0.000

χ^2/NDF : 18749077643484601

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: -0.000+/-0.000

χ^2/NDF : 274513201986999943

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 4102539286355599949824.0/2

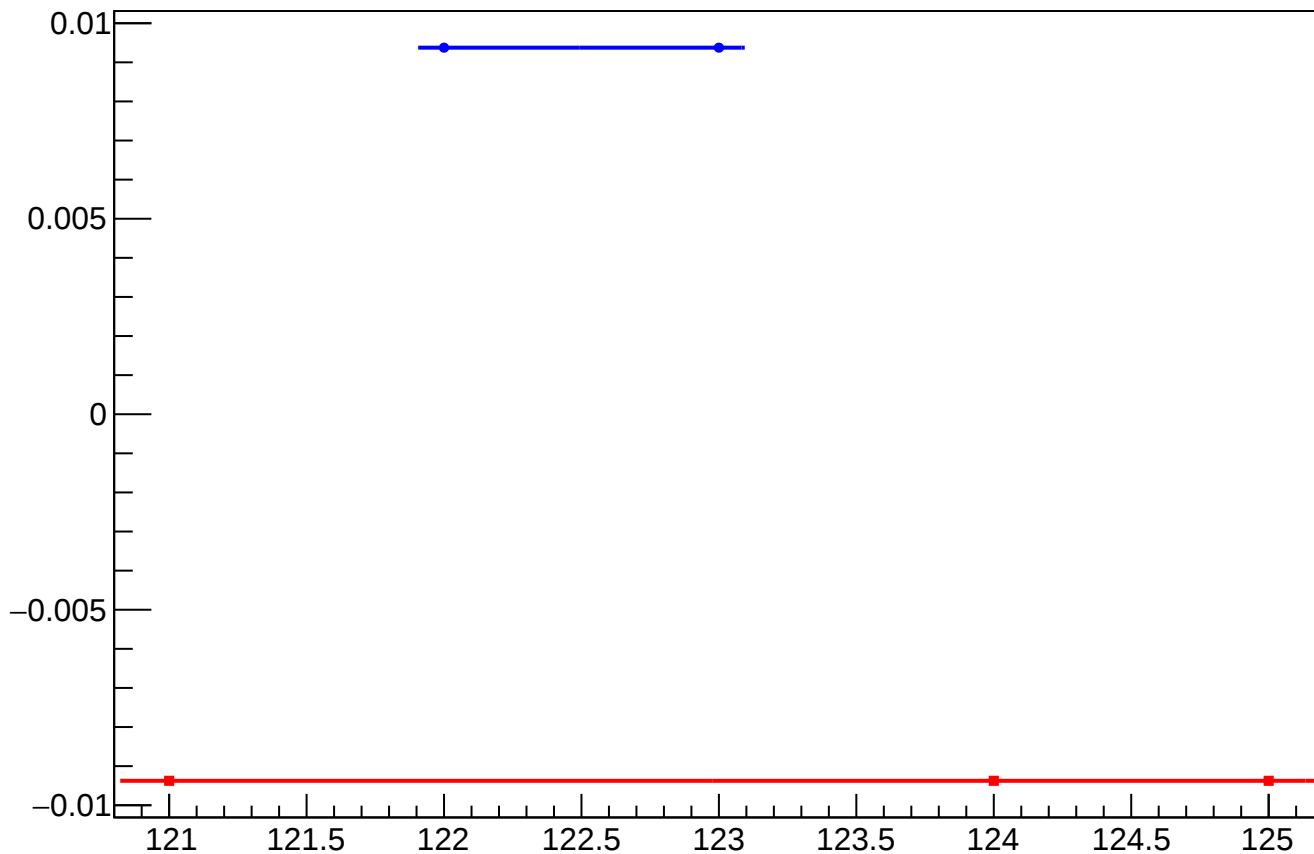
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 18749077643484

MQ171LM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

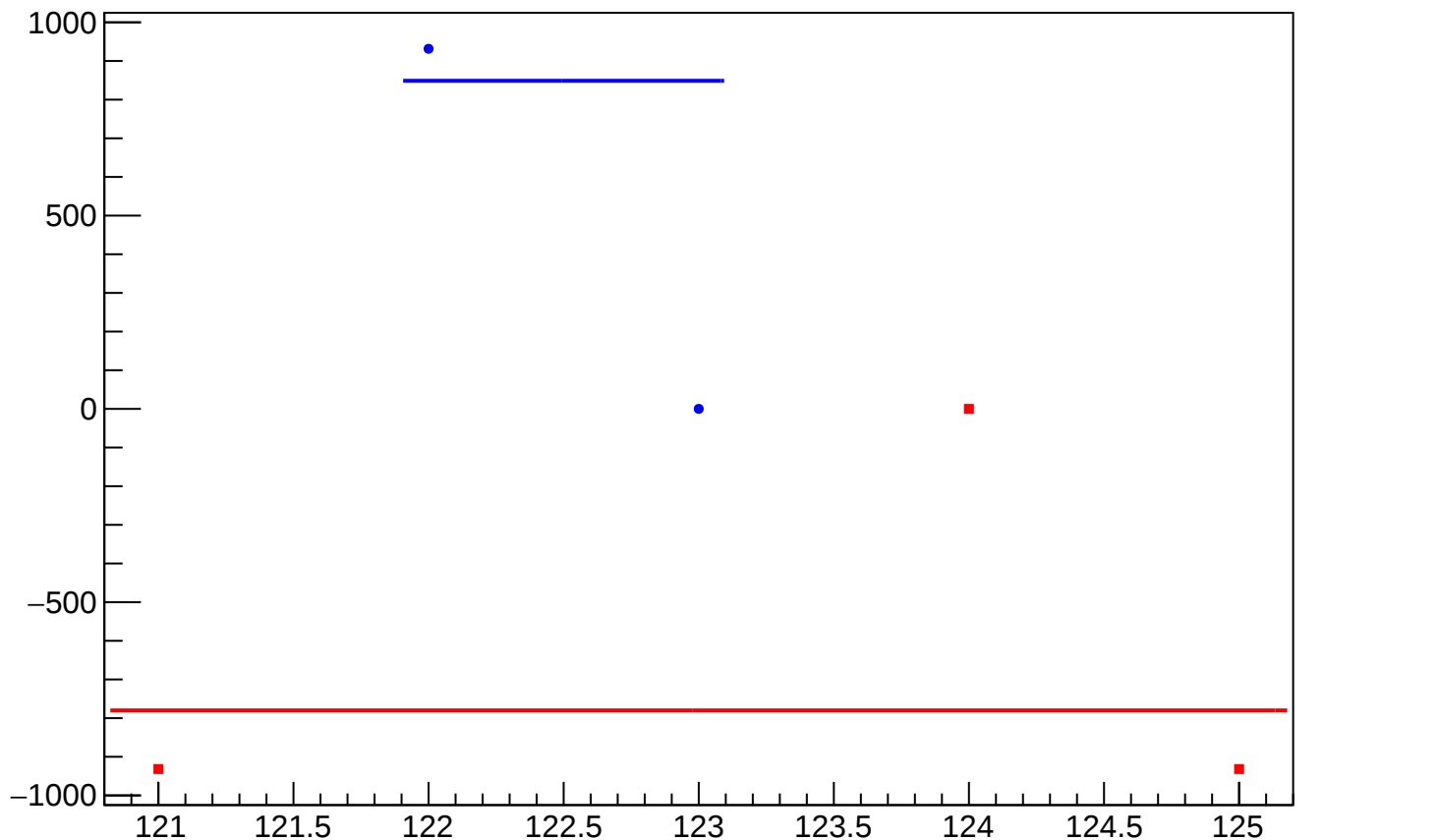
Right: -0.003+/-0.000 χ^2/NDF : 1038585400763357

In: 0.009+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

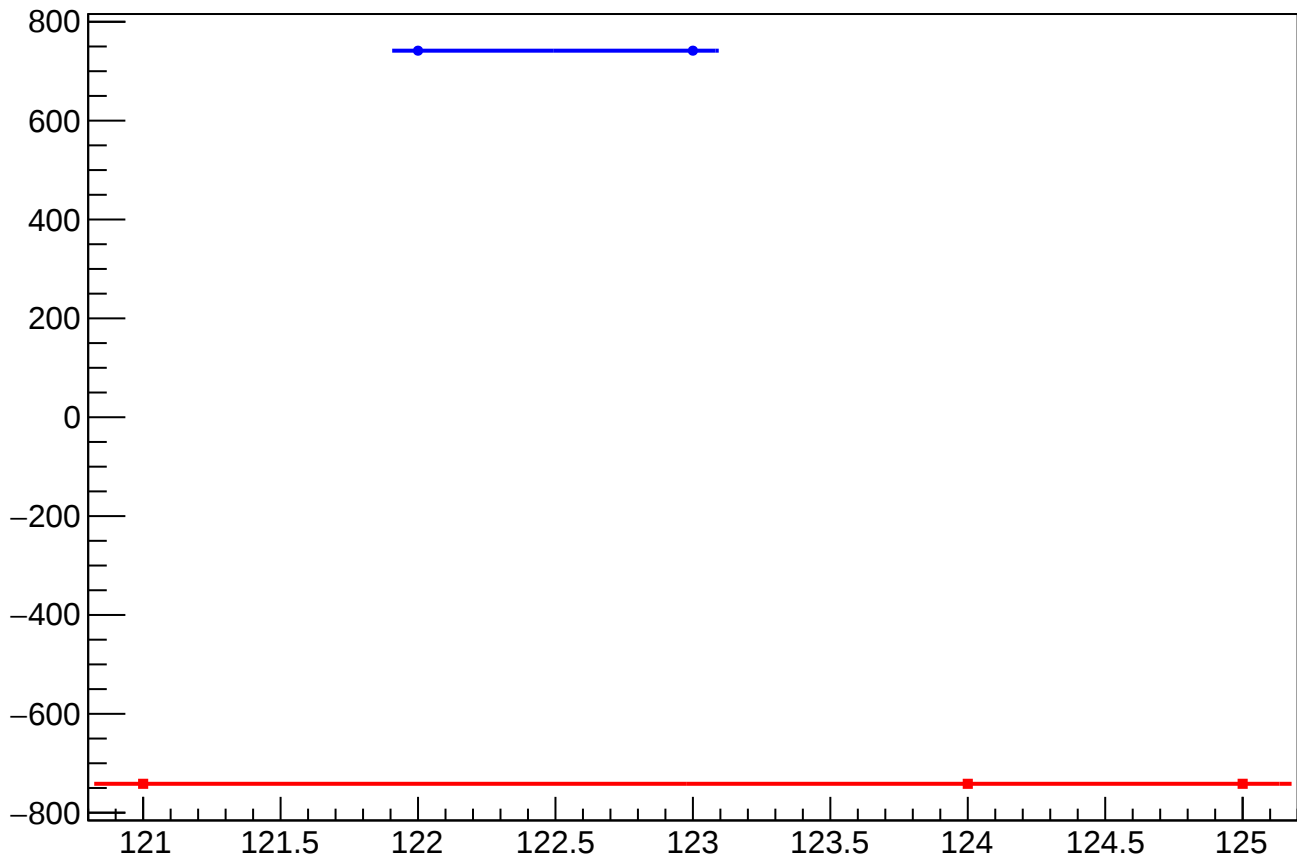
All: -0.003+/-0.000 χ^2/NDF : 1038585400763

HacL_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



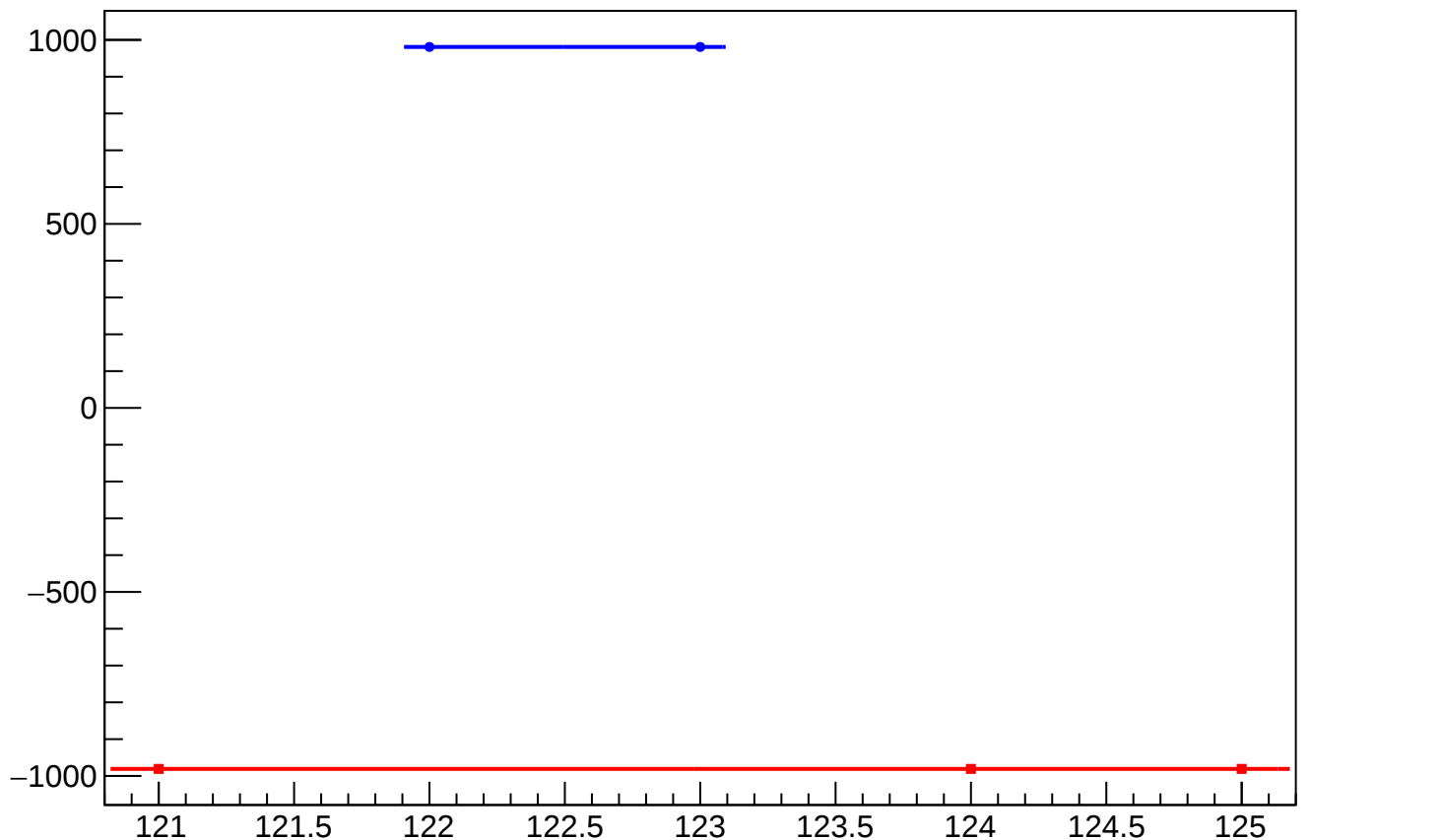
Right In: 848.735+/-0.000 χ^2/NDF : 3162284899502492289506986635831541760.0/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -780.090+/-0.000 χ^2/NDF : 10175318708994940668080460180035207168.0/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -220.570+/-0.000 χ^2/NDF : 91714561511429

HacL_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



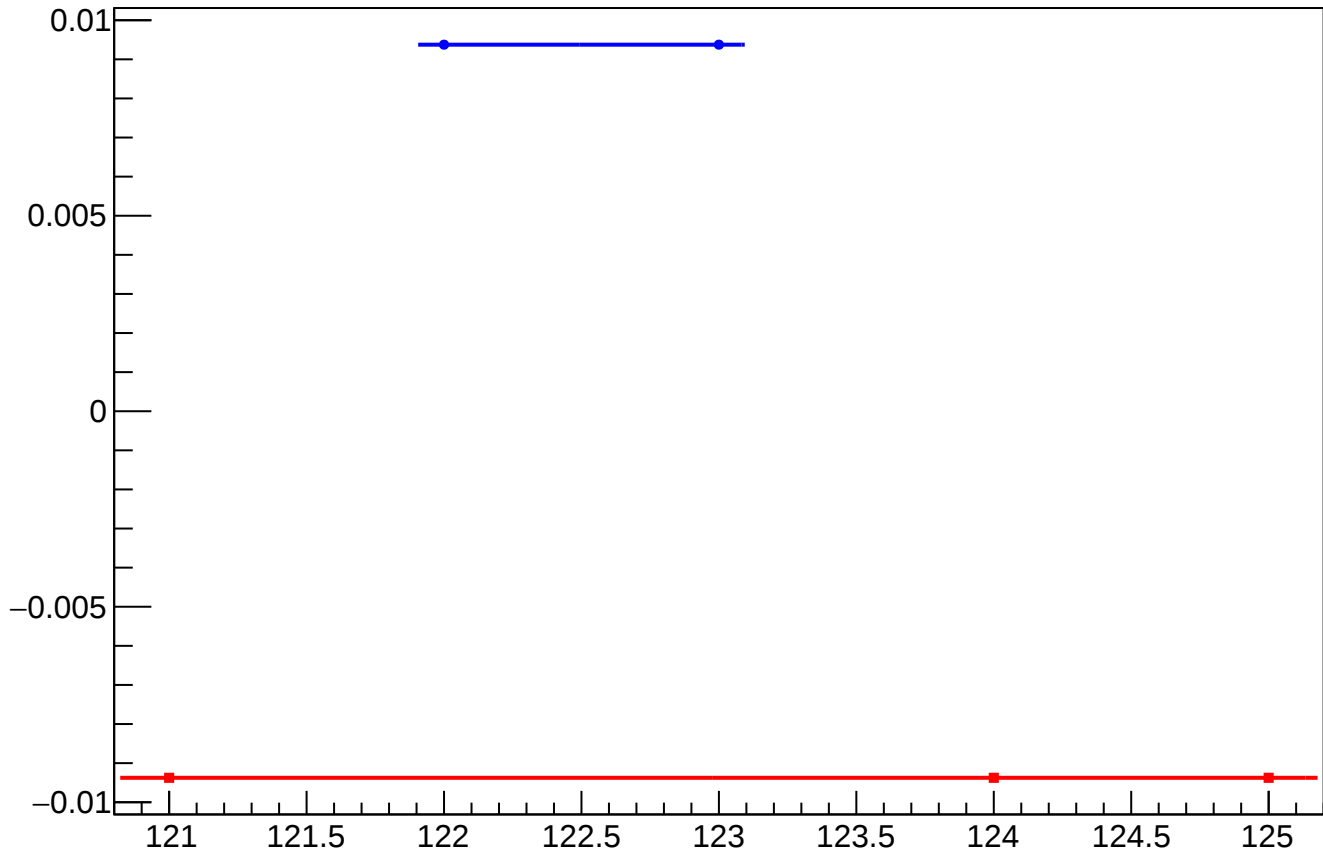
Right In: 741.530+/-0.000 χ^2/NDF : 804231131206042121712697344.0/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -741.534+/-0.000 χ^2/NDF : 1066614146707326095845228544.0/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -232.085+/-0.000 χ^2/NDF : 64976946037958

HacL_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 980.832+/-0.000 χ^2/NDF : 95241615268345242546339840.0/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -980.832+/-0.000 χ^2/NDF : 21221887384650453295824896.0/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -306.978+/-0.000 χ^2/NDF : 11368127311490

MQ172RM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

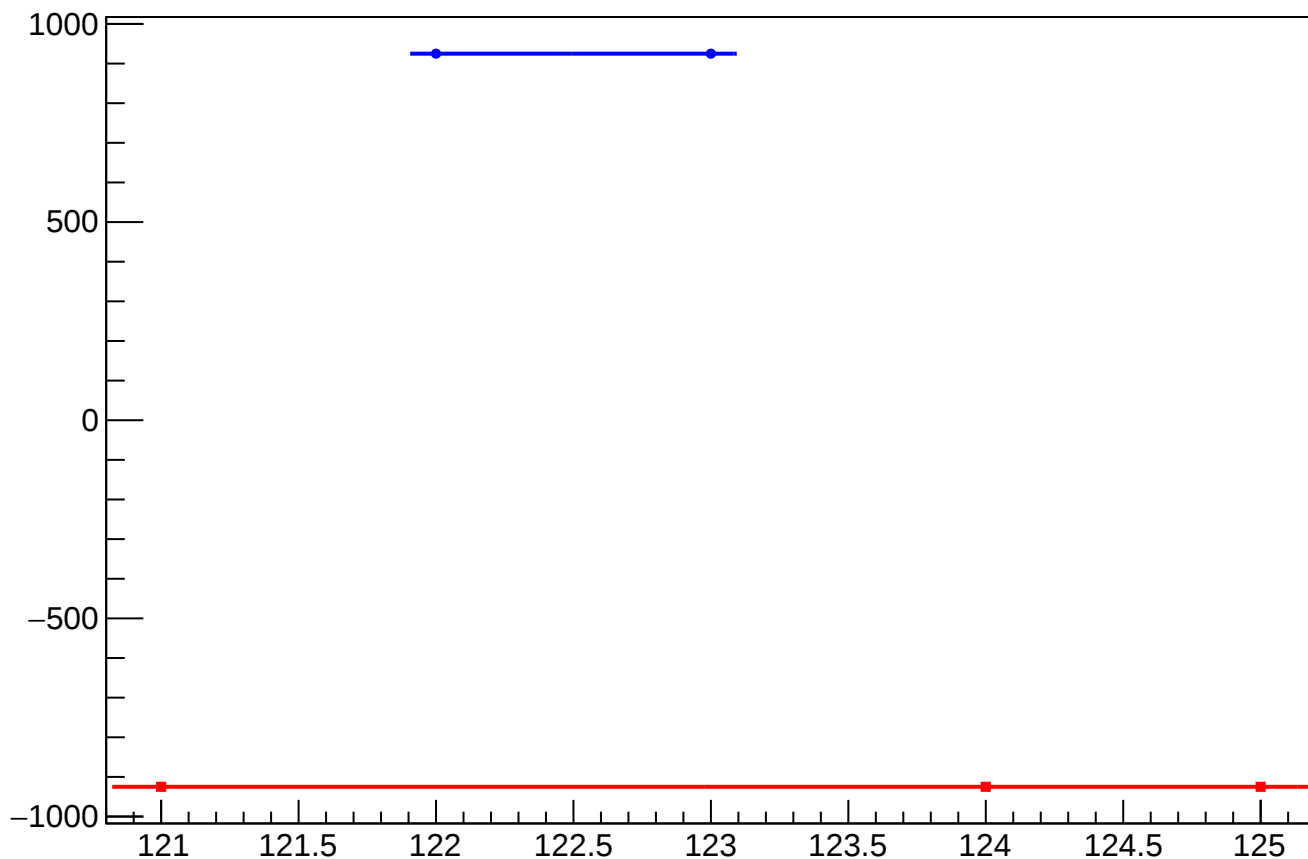
Right: -0.003+/-0.000 χ^2/NDF : 1038585400763357

In: 0.009+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

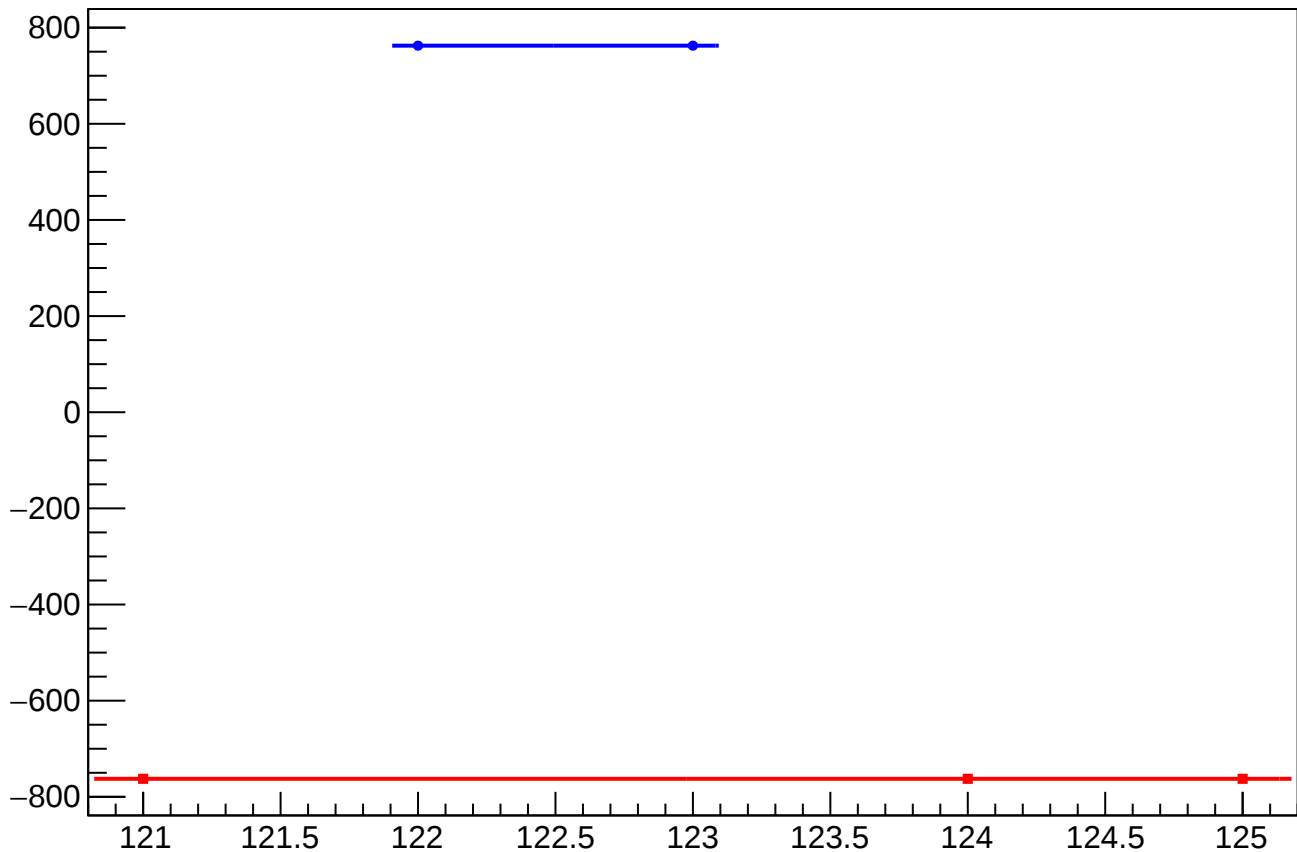
All: -0.003+/-0.000 χ^2/NDF : 1038585400763

HacR_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



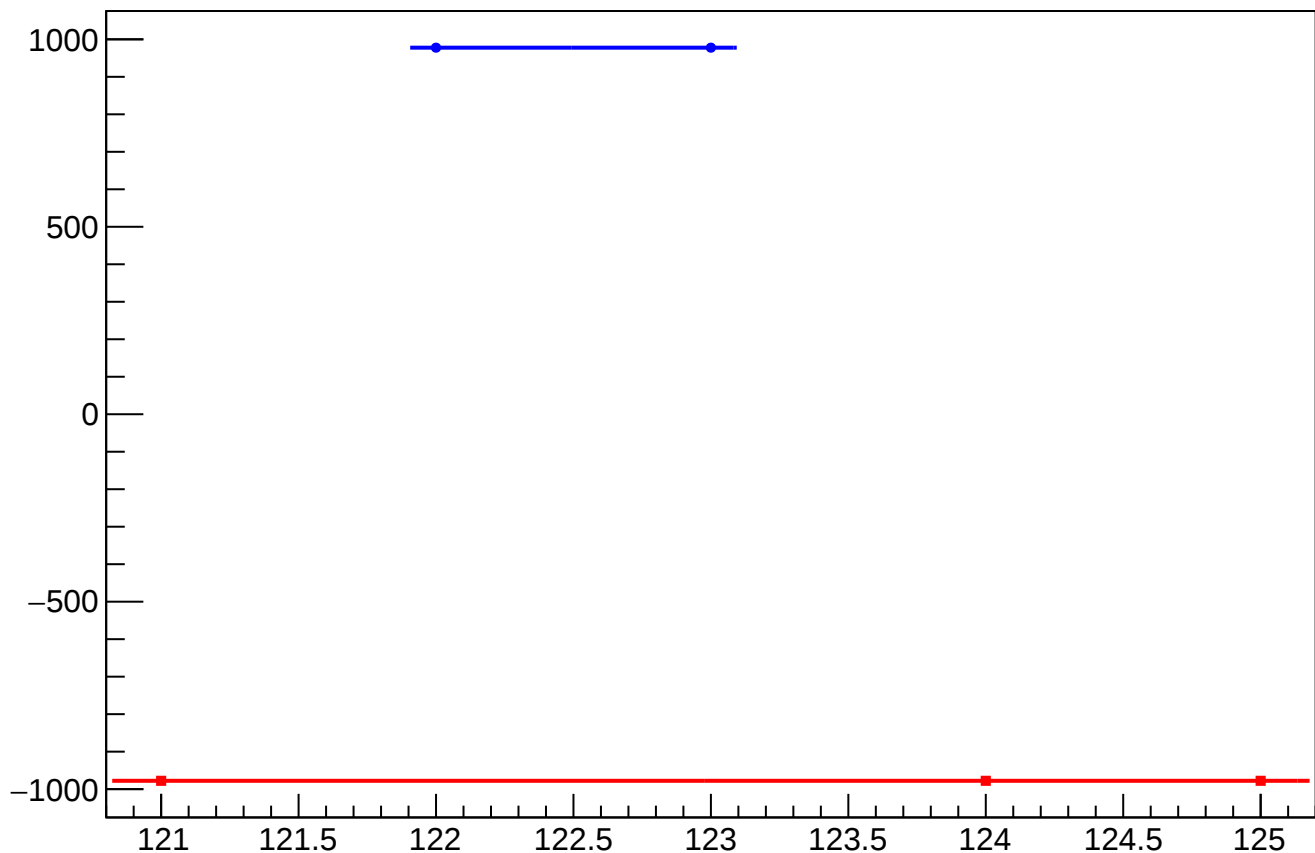
Right In: 924.955 $\pm$ 0.000 χ^2 /NDF: 84978019187531076520116224.0/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -924.958 $\pm$ 0.000 χ^2 /NDF: 1976260789632877949234446336.0/2
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -289.492 $\pm$ 0.000 χ^2 /NDF: 10109788873258

HacR_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



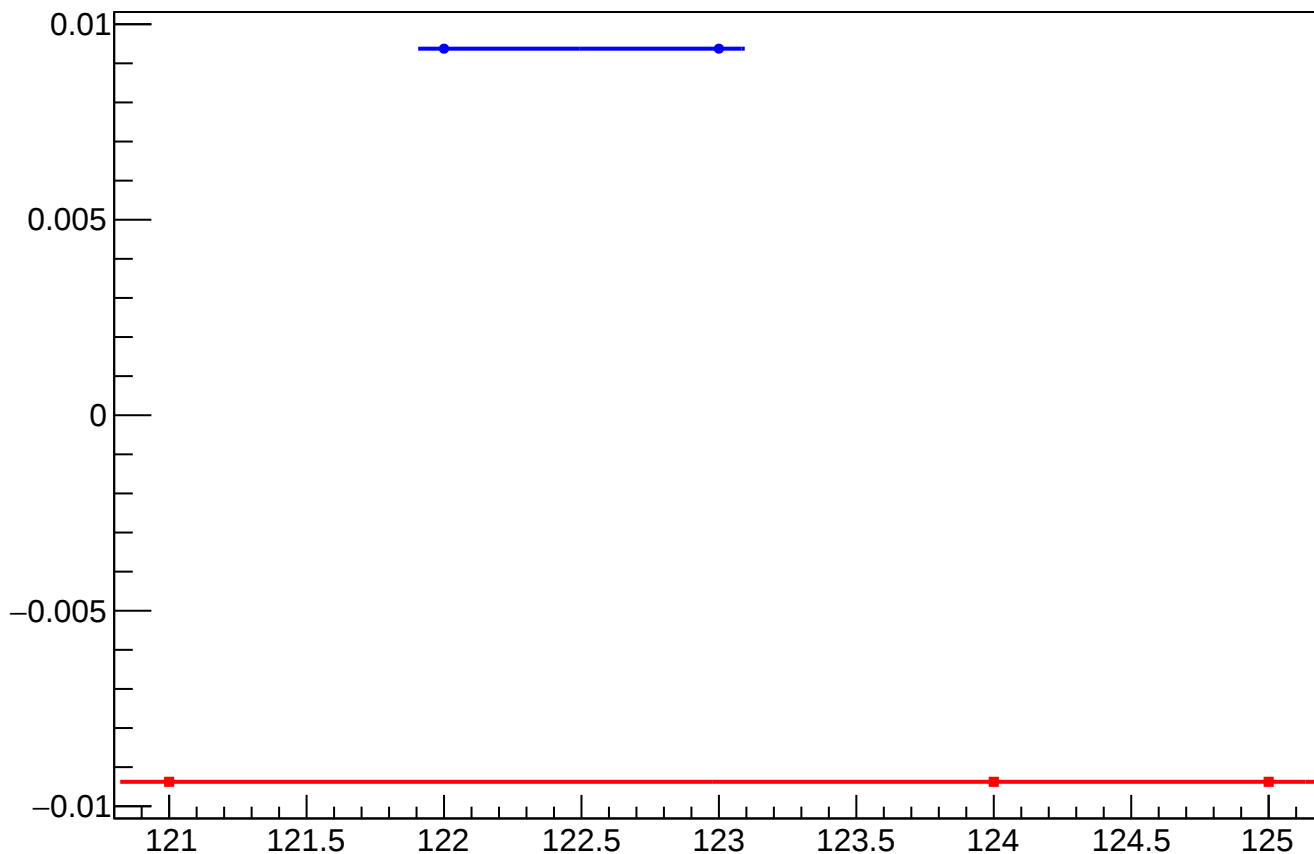
Right In: 762.502 $\pm$ 0.000 χ^2 /NDF: 6415330100270661057380352.0/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -762.502 $\pm$ 0.000 χ^2 /NDF: 170056465140037967675392.0/2
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -238.646 $\pm$ 0.000 χ^2 /NDF: 68704004449075

HacR_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 977.751+/-0.000 χ^2/NDF : 206451119473877361623040.0/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -977.748+/-0.000 χ^2/NDF : 389569055836195590573654016.0/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -306.012+/-0.000 χ^2/NDF : 11296785144652

hesDipole_current_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

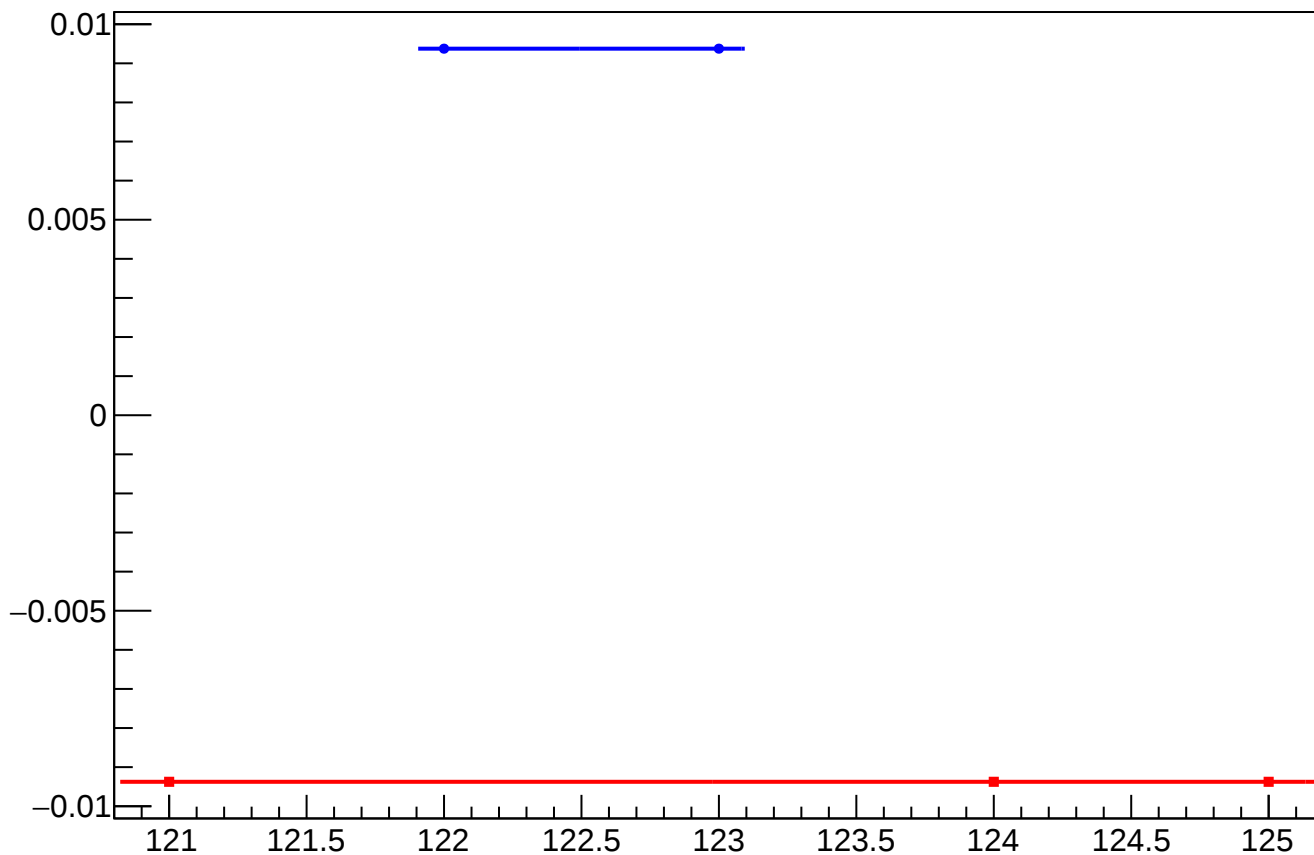
Right: -0.003+/-0.000 χ^2/NDF : 1038585400763357

In: 0.009+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.000 χ^2/NDF : 1038585400763

MSUPERBIGBITereadcalc_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

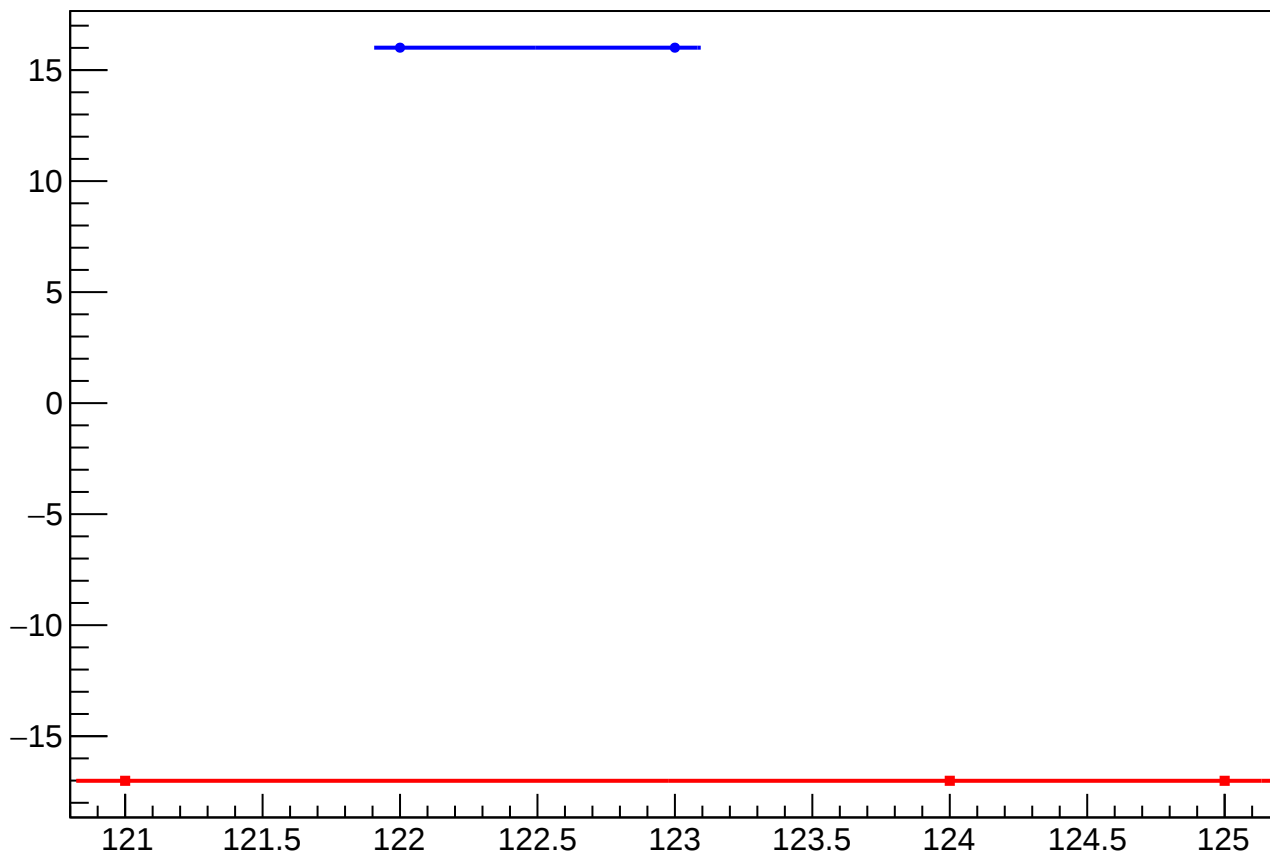
Right: -0.003+/-0.000 χ^2/NDF : 1038585400763357

In: 0.009+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.000 χ^2/NDF : 1038585400763

IGL1I00DI24_24M_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2/NDF : 4606.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.009+/-0.000 χ^2/NDF : 5726809954923007707185152.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

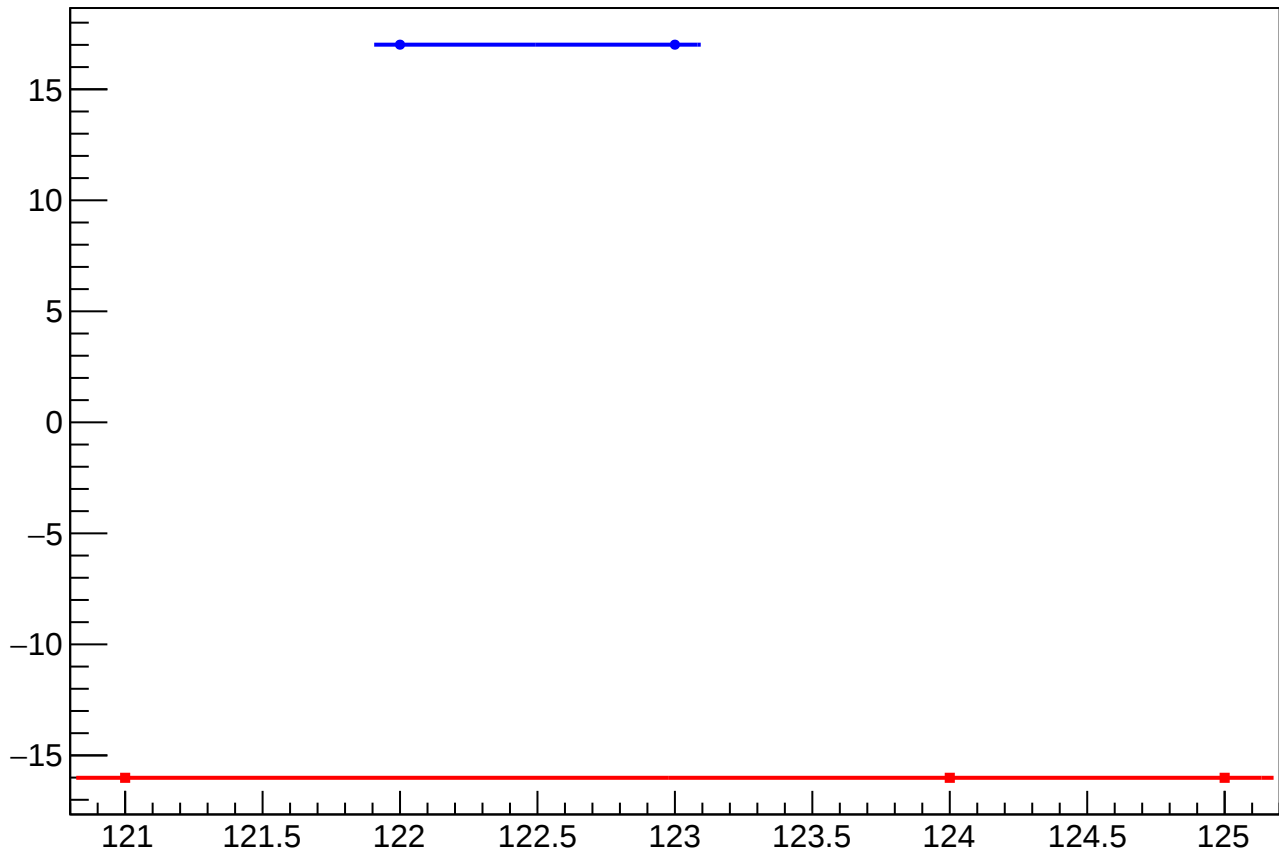
Right: -5.580+/-0.000 χ^2/NDF : 3207793787267131

In: 16.009+/-0.000 χ^2/NDF : 4606.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.580+/-0.000 χ^2/NDF : 3207793787267

IGL1I00OD16_16_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2/NDF : 807.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.009+/-0.000 χ^2/NDF : 11725.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

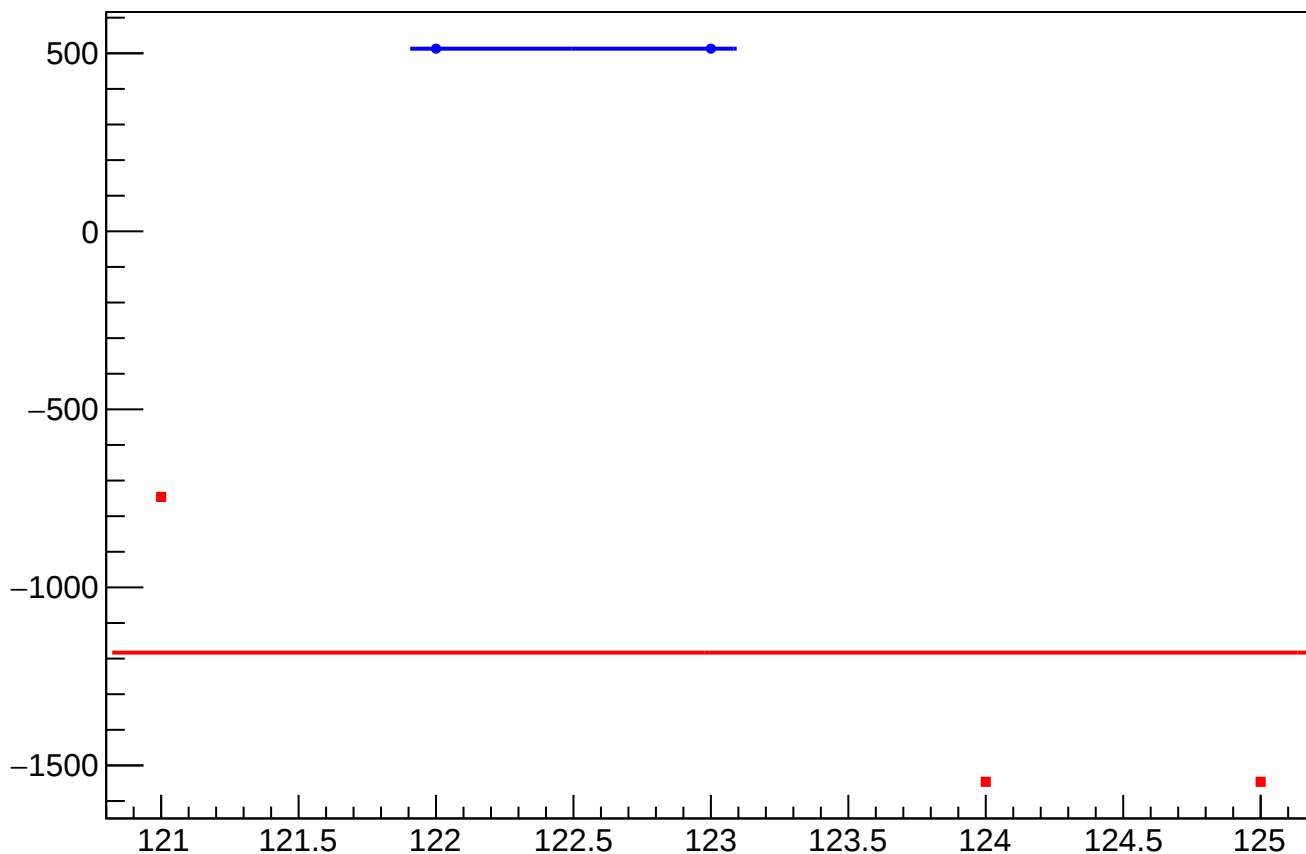
Right: -4.667+/-0.000 χ^2/NDF : 3220778996600671

In: 17.009+/-0.000 χ^2/NDF : 807.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.667+/-0.000 χ^2/NDF : 3220778996600

RTPAPOSUCNT_mean vs Slug, Sign Corrected



Right In: 512.991 ± 0.000 $\chi^2/\text{NDF}: 2391069.0/1$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right: -600.547 ± 0.000 $\chi^2/\text{NDF}: 98636929892632$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

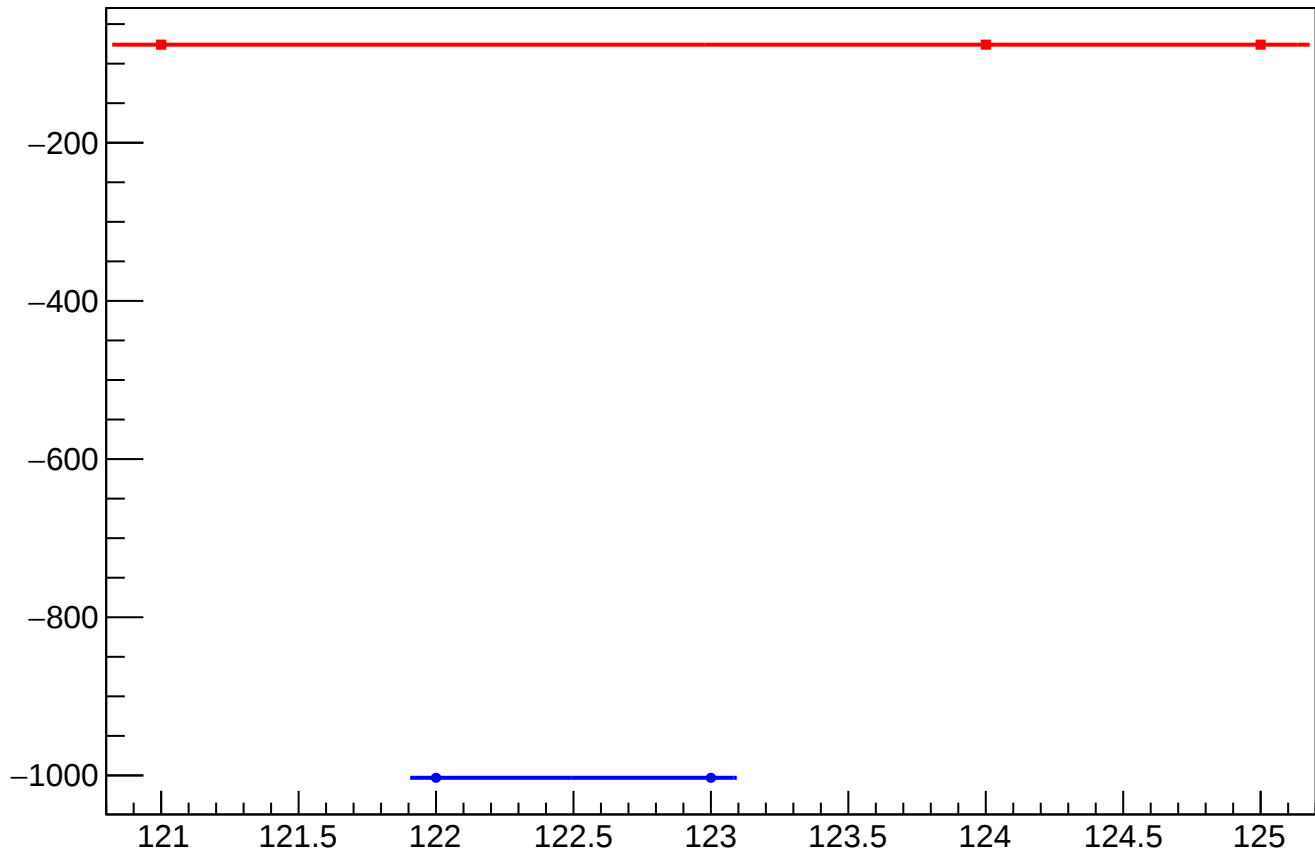
Right Out: -1183.211 ± 0.000 $\chi^2/\text{NDF}: 13641646441241399178469190301552476160.0/2$

In: 512.991 ± 0.000 $\chi^2/\text{NDF}: 2391069.0/1$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -600.547 ± 0.000 $\chi^2/\text{NDF}: 98636929892$

RTPAPOSVCNT_mean vs Slug, Sign Corrected



Right In: -1002.991+/-0.000 χ^2/NDF : 10662875.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -76.009+/-0.000 χ^2/NDF : 9669726175624818782633984.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: -394.438+/-0.000 χ^2/NDF : 25385271747265

In: -1002.991+/-0.000 χ^2/NDF : 10662875.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -394.438+/-0.000 χ^2/NDF : 25385271747