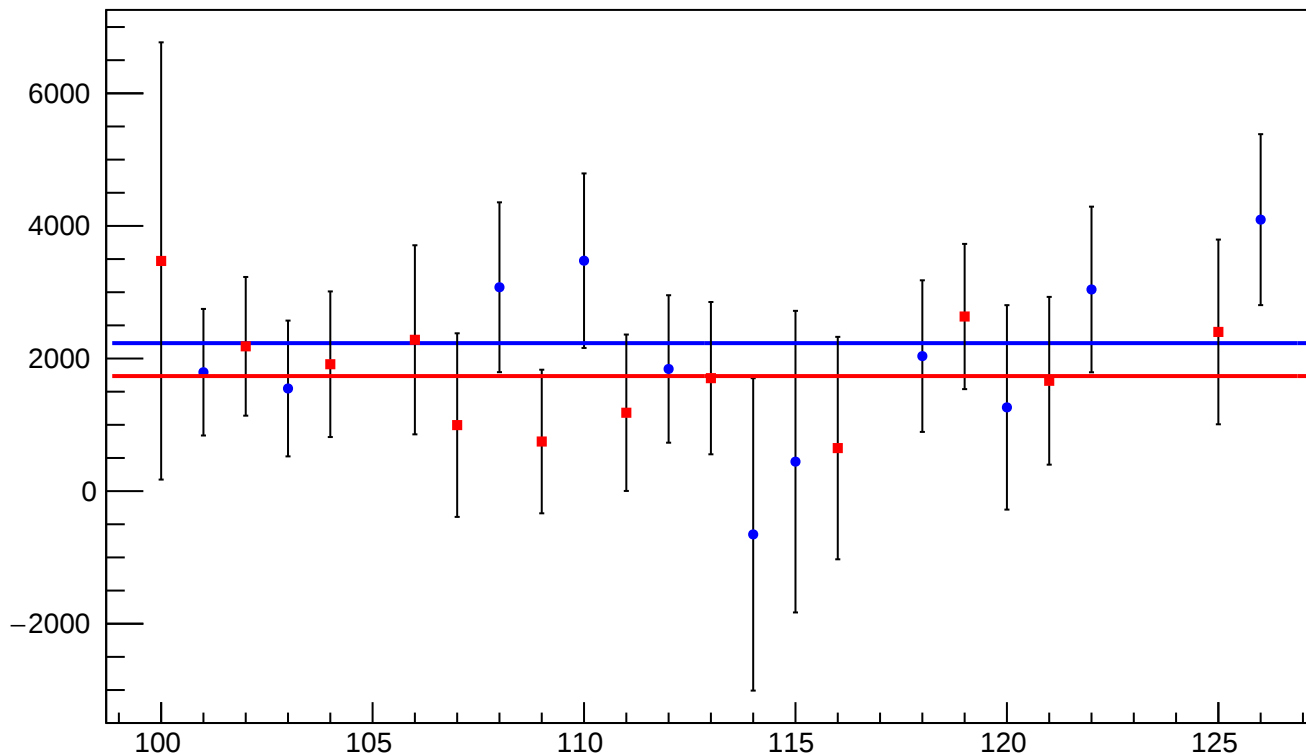


reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2232.100+/-382.144 χ^2/NDF : 7.2/10

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: 1972.315+/-263.940

χ^2/NDF : 11.3/22

In: 2232.100+/-382.144

χ^2/NDF : 7.2/10

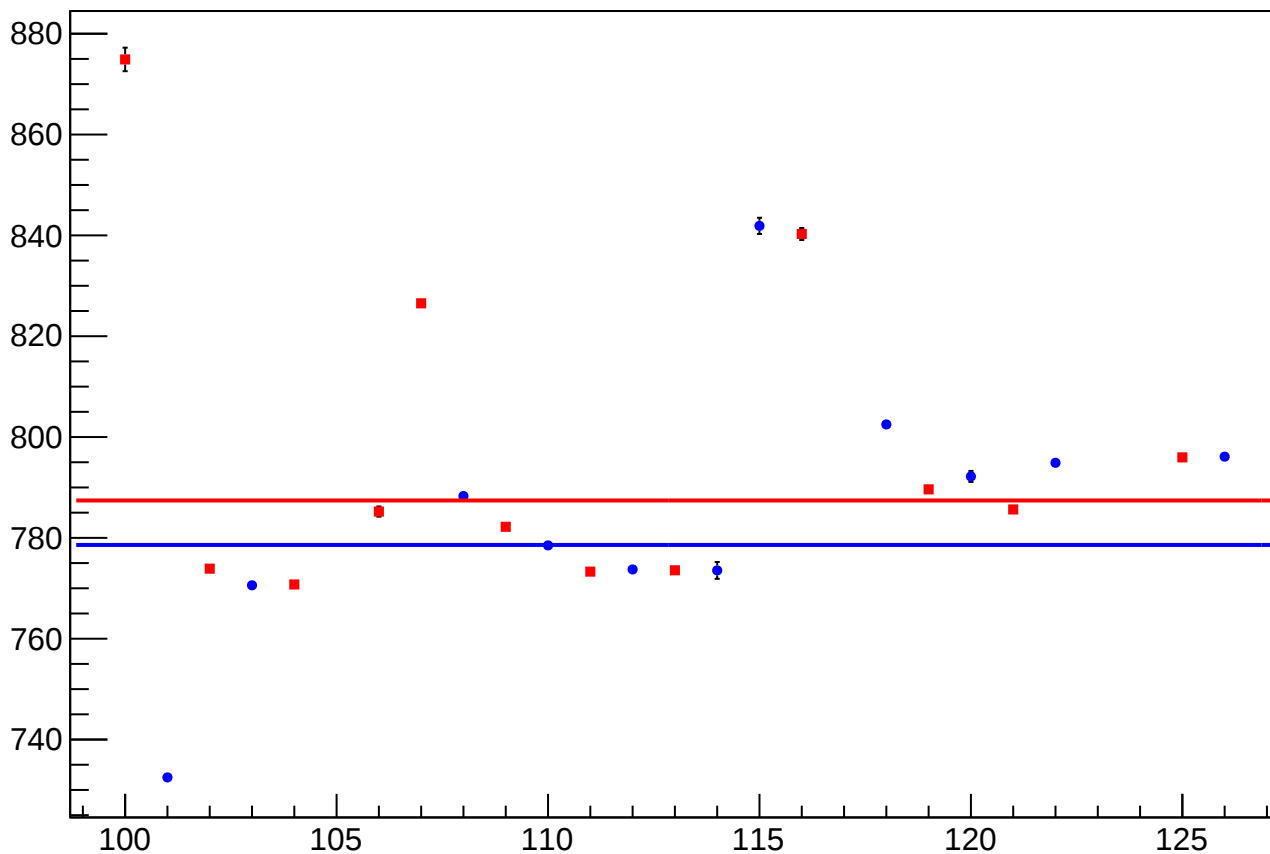
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1972.315+/-263.940

χ^2/NDF : 11.3/22

reg_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 778.599+/-0.270 χ^2/NDF : 8237.3/10

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

Right Out: 787.418+/-0.258 χ^2/NDF : 6498.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

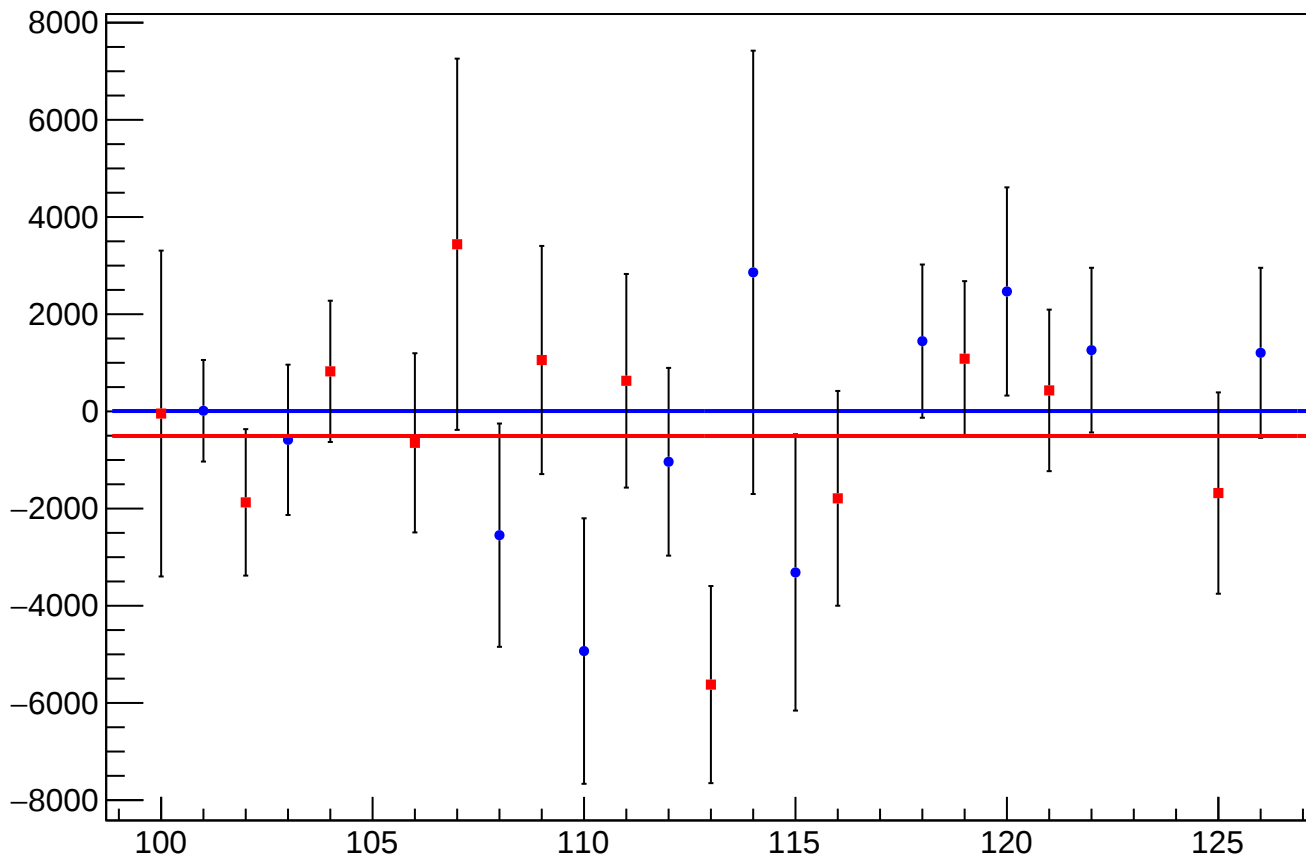
Right: 783.211+/-0.187 χ^2/NDF : 15293.4/22

In: 778.599+/-0.270 χ^2/NDF : 8237.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 783.211+/-0.187 χ^2/NDF : 15293.4/22

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: 7.644+/-543.004 χ^2/NDF : 9.9/10

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

Right Out: -506.087+/-560.008 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

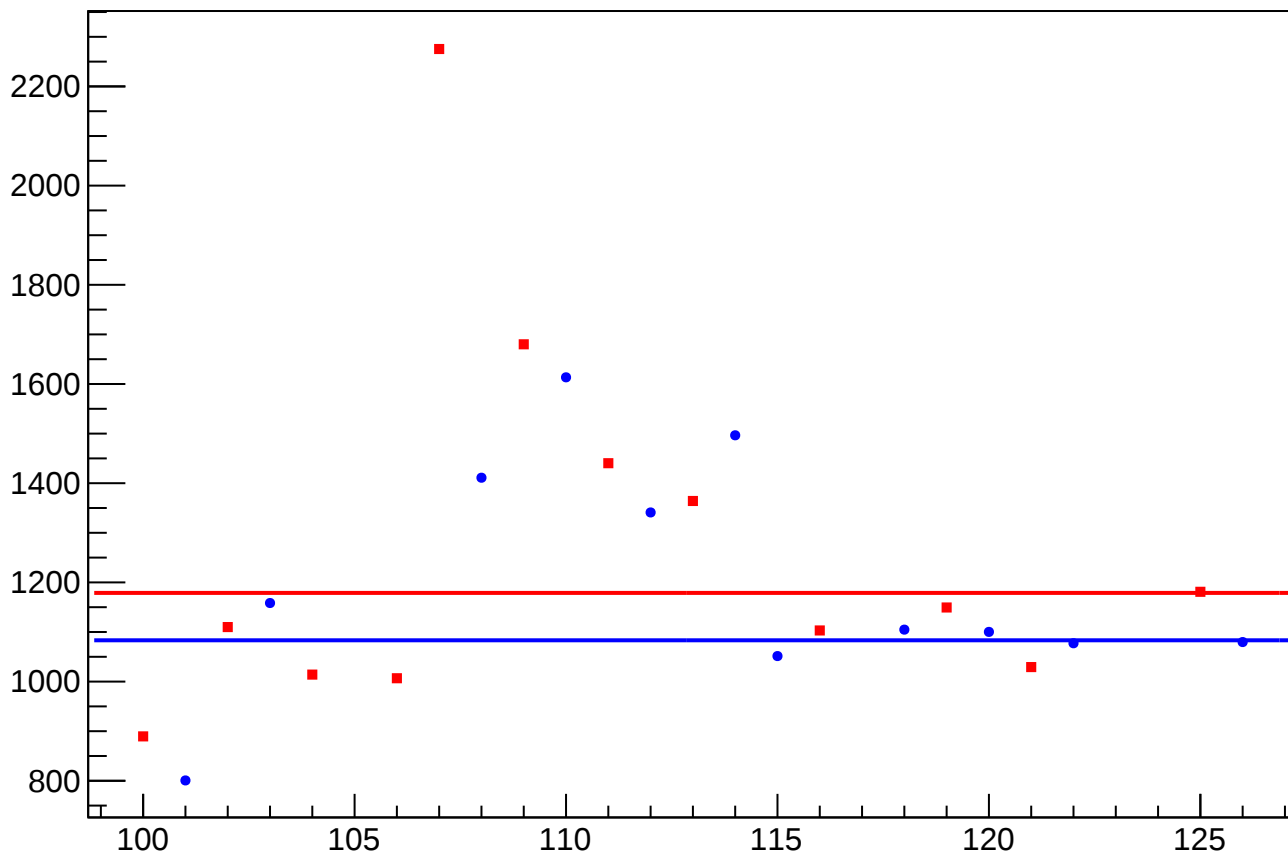
Right: -241.304+/-389.835 χ^2/NDF : 22.1/22

In: 7.644+/-543.004 χ^2/NDF : 9.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -241.304+/-389.835 χ^2/NDF : 22.1/22

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1083.269+/-0.384 χ^2/NDF : 319723.9/10

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

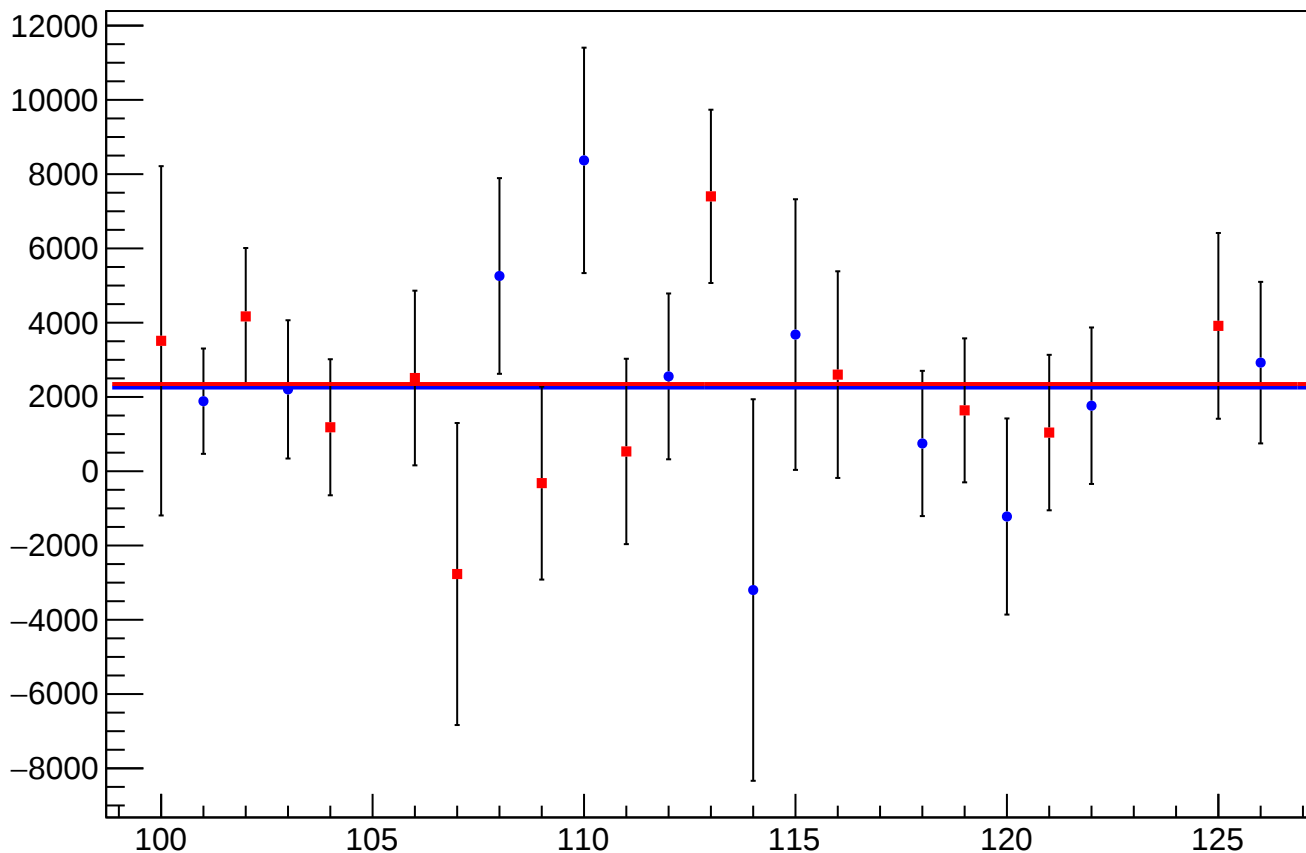
Right: 1129.567+/-0.276 χ^2/NDF : 732087.2/22

In: 1083.269+/-0.384 χ^2/NDF : 319723.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1129.567+/-0.276 χ^2/NDF : 732087.2/22

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2254.079+/-675.186 χ^2/NDF : 9.2/10

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

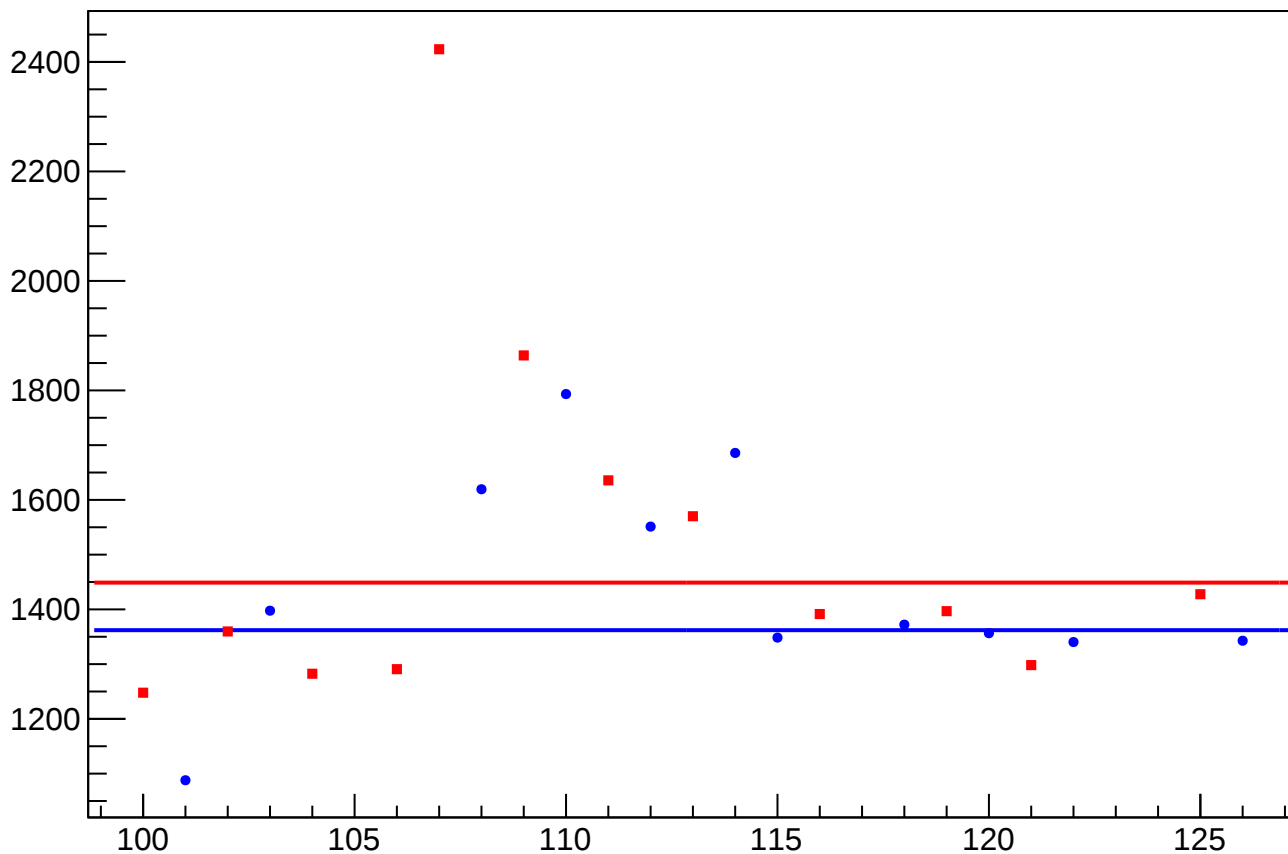
Right: 2300.811+/-479.543 χ^2/NDF : 19.4/22

In: 2254.079+/-675.186 χ^2/NDF :9.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2300.811+/-479.543 χ^2/NDF : 19.4/22

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1362.031 $\pm$ 0.477 χ^2 /NDF: 157700.8/10

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

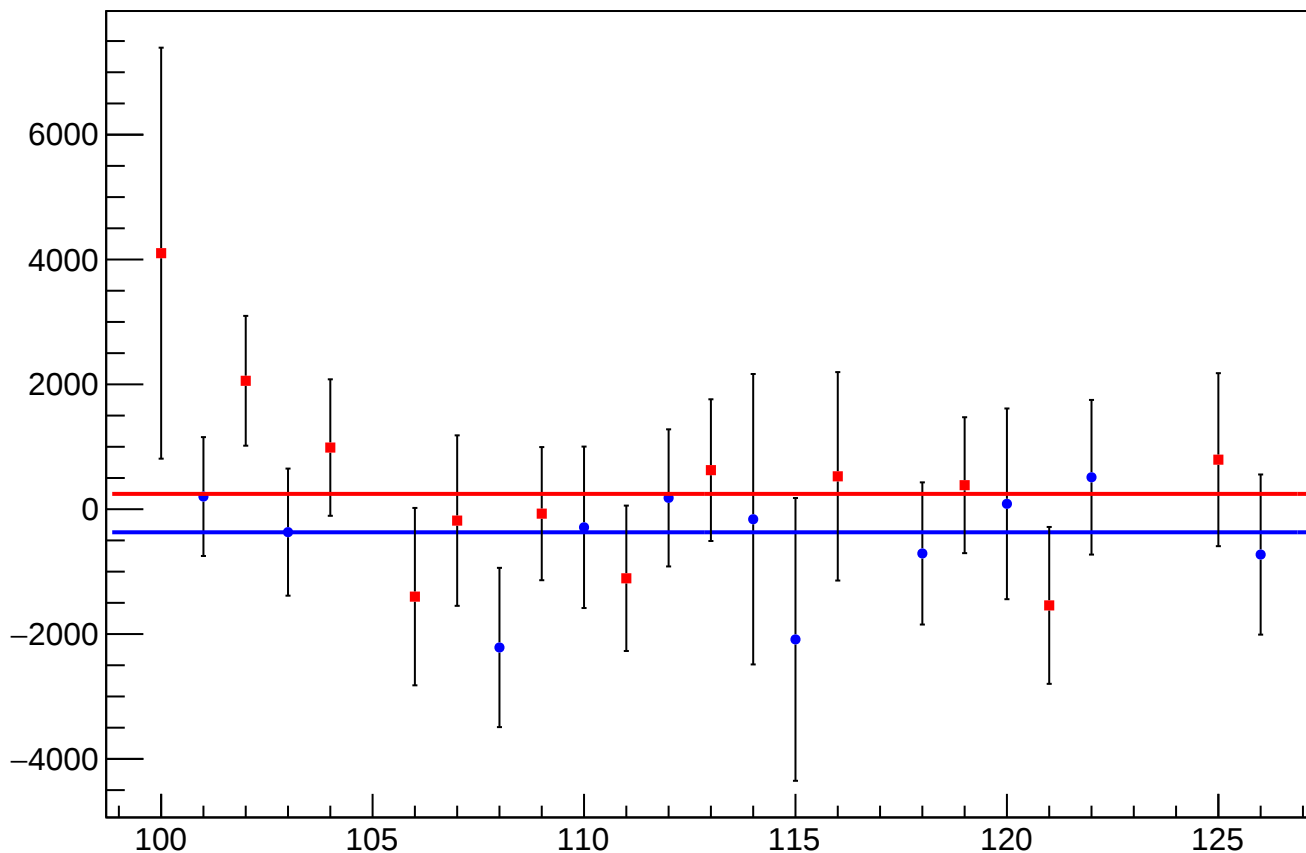
Right: 1405.093 $\pm$ 0.339 χ^2 /NDF: 403278.9/22

In: 1362.031 $\pm$ 0.477 χ^2 /NDF:157700.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1405.093 $\pm$ 0.339 χ^2 /NDF: 403278.9/22

reg_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -369.671+/-379.379 χ^2/NDF : 4.1/10

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

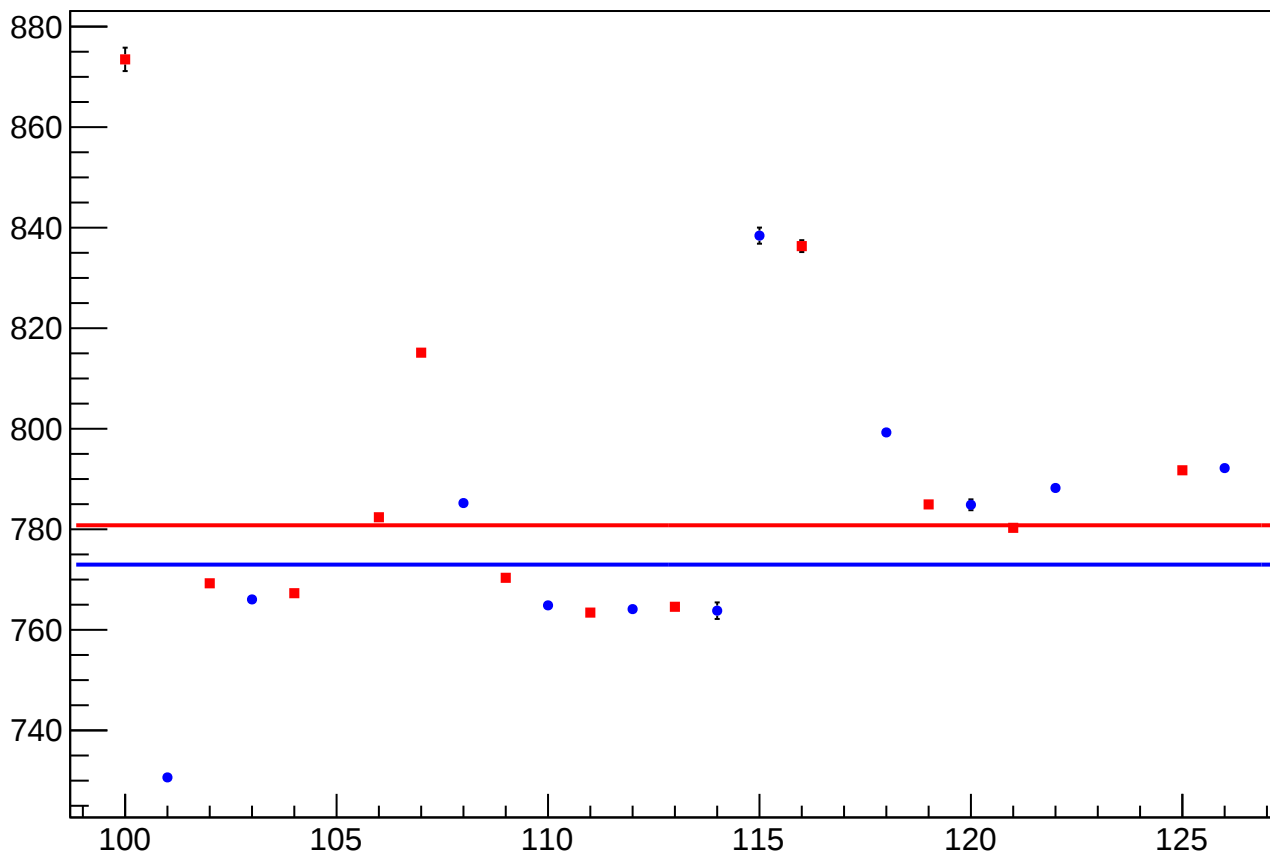
Right: -47.606+/-261.869 χ^2/NDF : 15.5/22

In: -369.671+/-379.379 χ^2/NDF : 4.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.606+/-261.869 χ^2/NDF : 15.5/22

reg_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 772.976+/-0.268 χ^2/NDF : 8077.5/10

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

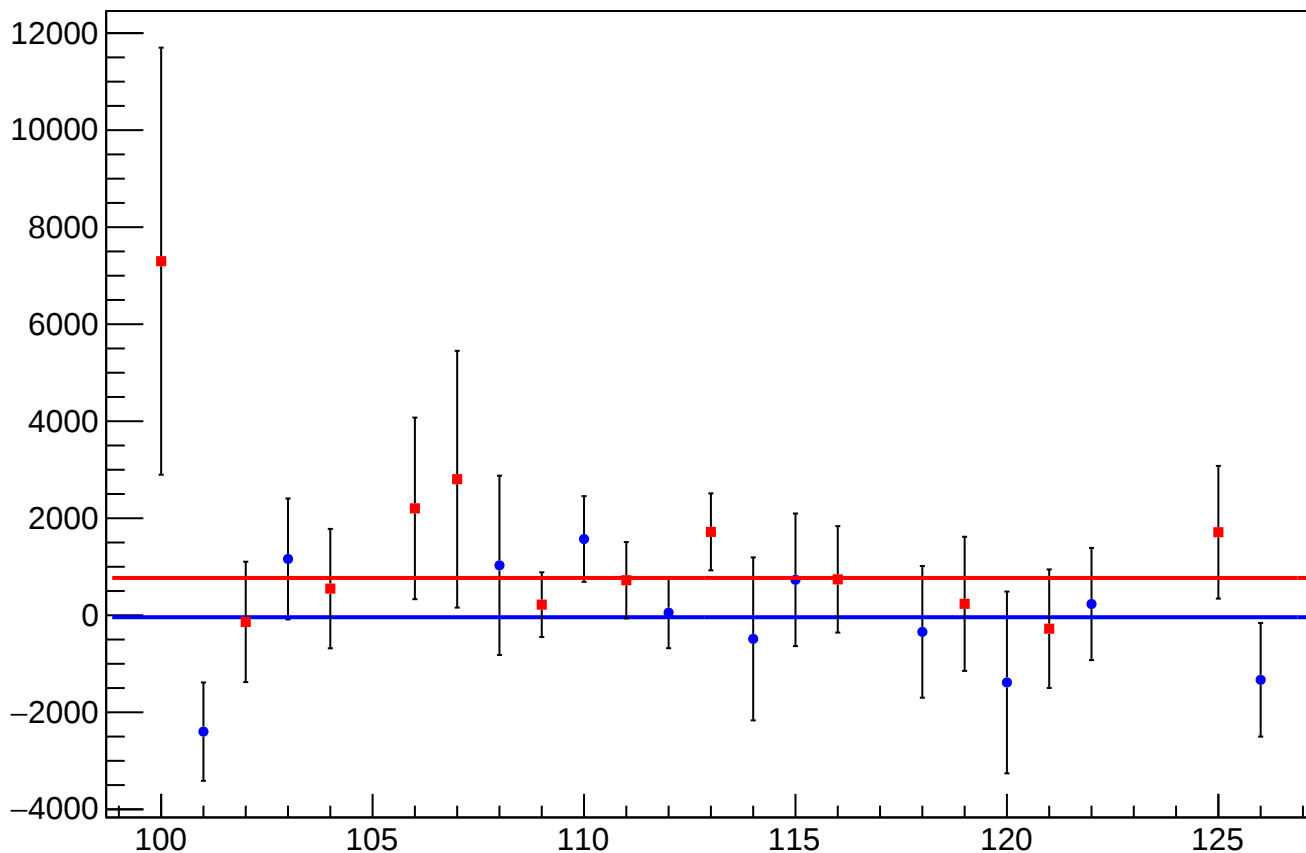
Right: 777.071+/-0.185 χ^2/NDF : 15337.9/22

In: 772.976+/-0.268 χ^2/NDF : 8077.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 777.071+/-0.185 χ^2/NDF : 15337.9/22

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -39.978 $\pm$ 348.274 χ^2 /NDF: 12.2/10

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

Right Out: 769.606 $\pm$ 319.351 χ^2 /NDF: 7.4/11

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

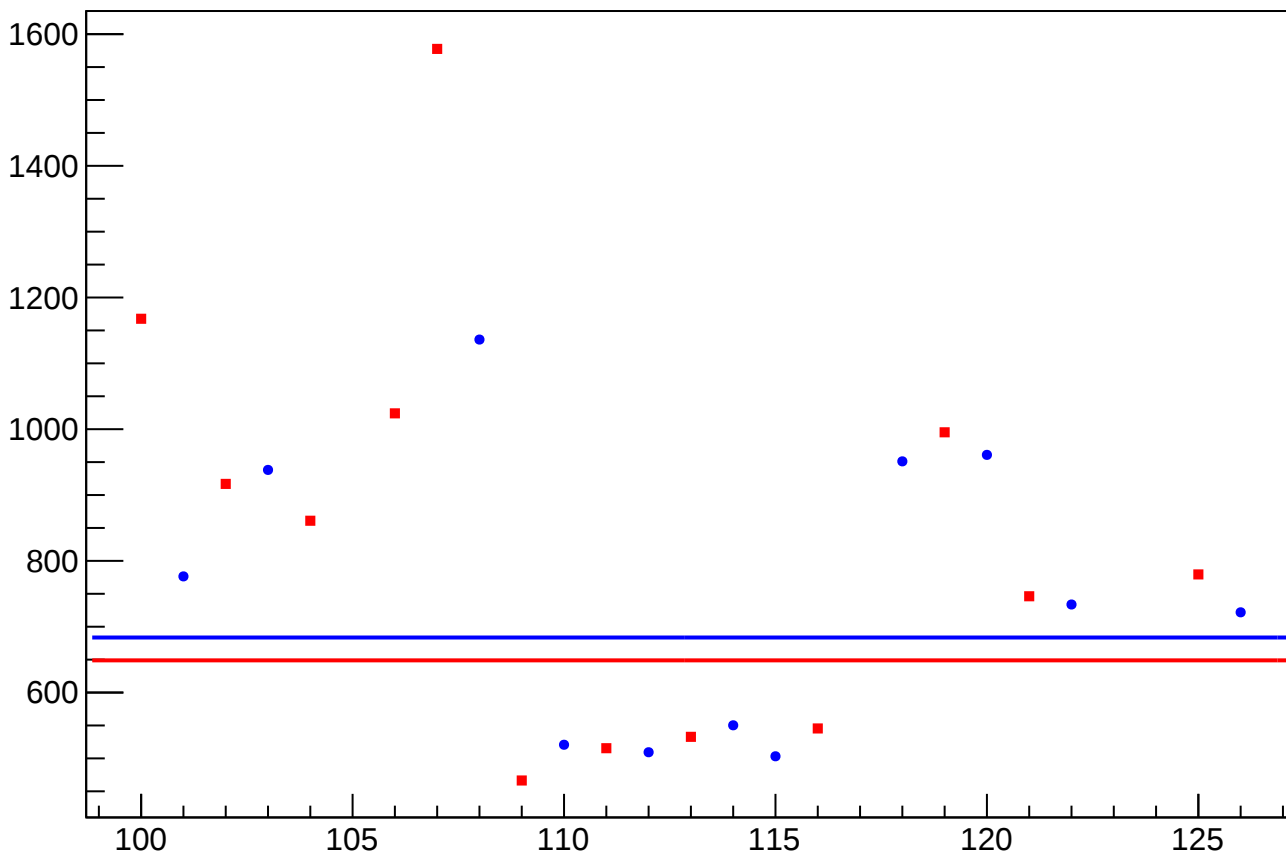
Right: 399.821 $\pm$ 235.377 χ^2 /NDF: 22.6/22

In: -39.978 $\pm$ 348.274 χ^2 /NDF:12.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 399.821 $\pm$ 235.377 χ^2 /NDF: 22.6/22

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 683.601+/-0.246 χ^2/NDF : 575780.9/10

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

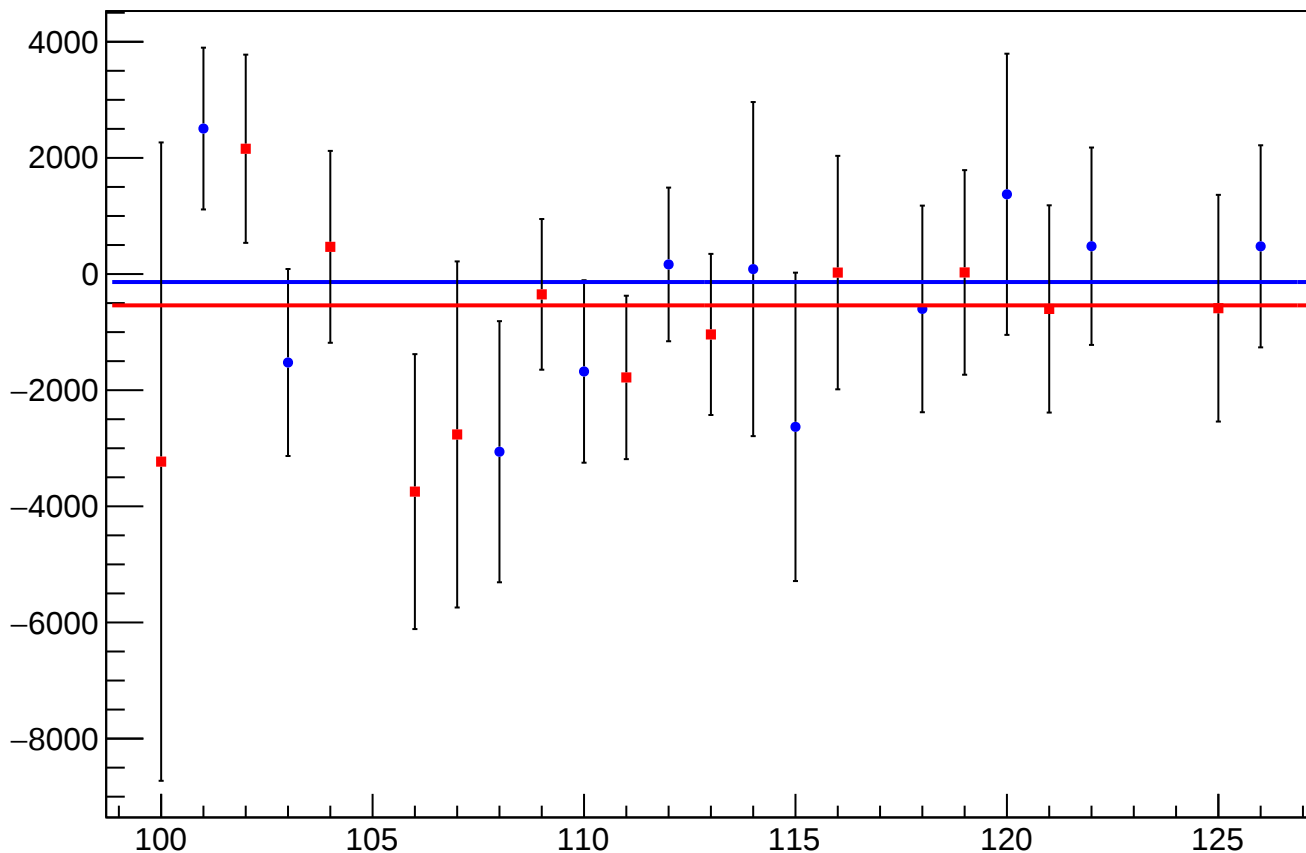
Right: 664.746+/-0.166 χ^2/NDF : 1518376.9/22

In: 683.601+/-0.246 χ^2/NDF : 575780.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 664.746+/-0.166 χ^2/NDF : 1518376.9/22

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -137.507+/-534.449 χ^2 /NDF: 8.6/10

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

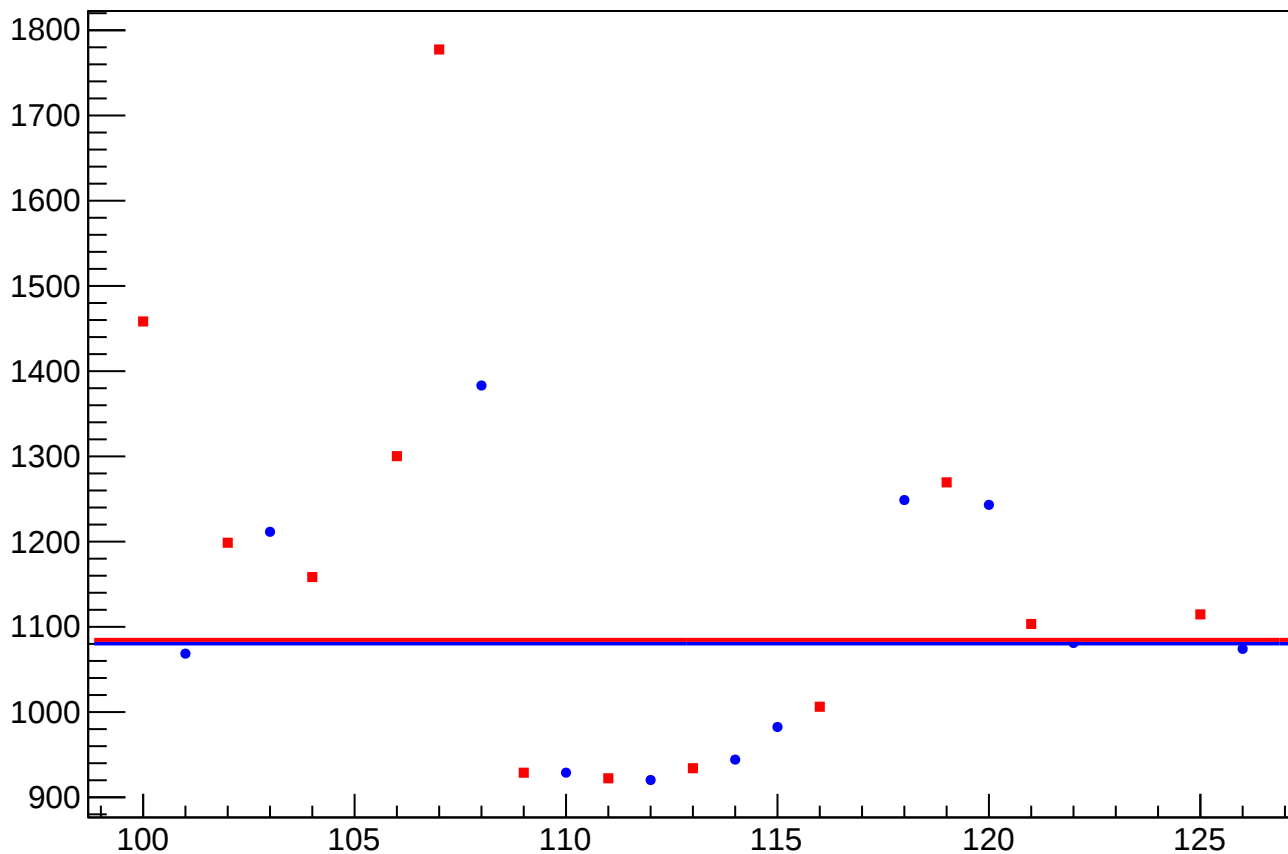
Right: -347.572+/-369.183 χ^2 /NDF: 15.8/22

In: -137.507+/-534.449 χ^2 /NDF:8.6/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -347.572+/-369.183 χ^2 /NDF: 15.8/22

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1080.495+/-0.378 χ^2/NDF : 131733.4/10

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

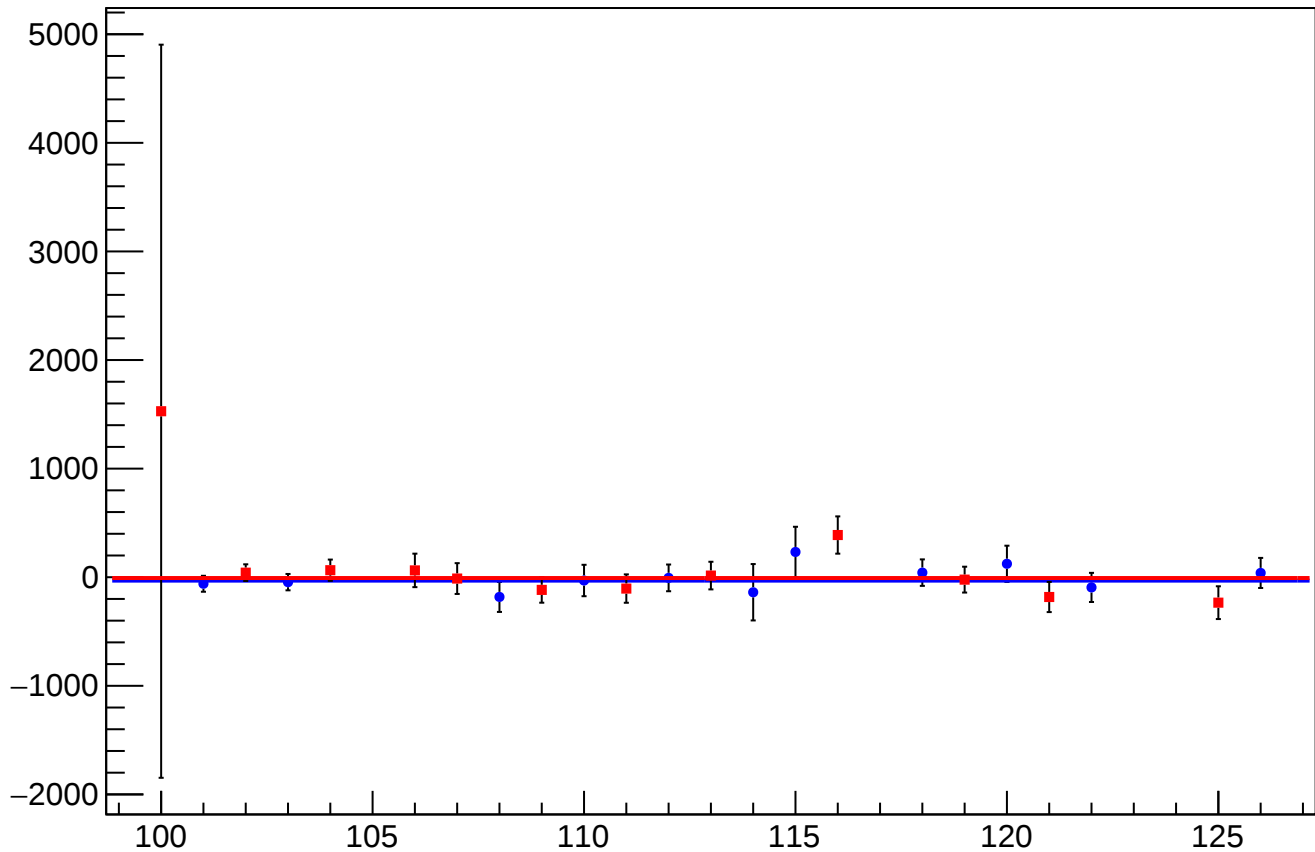
Right: 1082.735+/-0.261 χ^2/NDF : 384395.2/22

In: 1080.495+/-0.378 χ^2/NDF : 131733.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1082.735+/-0.261 χ^2/NDF : 384395.2/22

reg_asym_ds_avg_mean vs Slug, Sign Corrected



Right In: -31.265+/-35.992 χ^2/NDF : 4.6/10

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

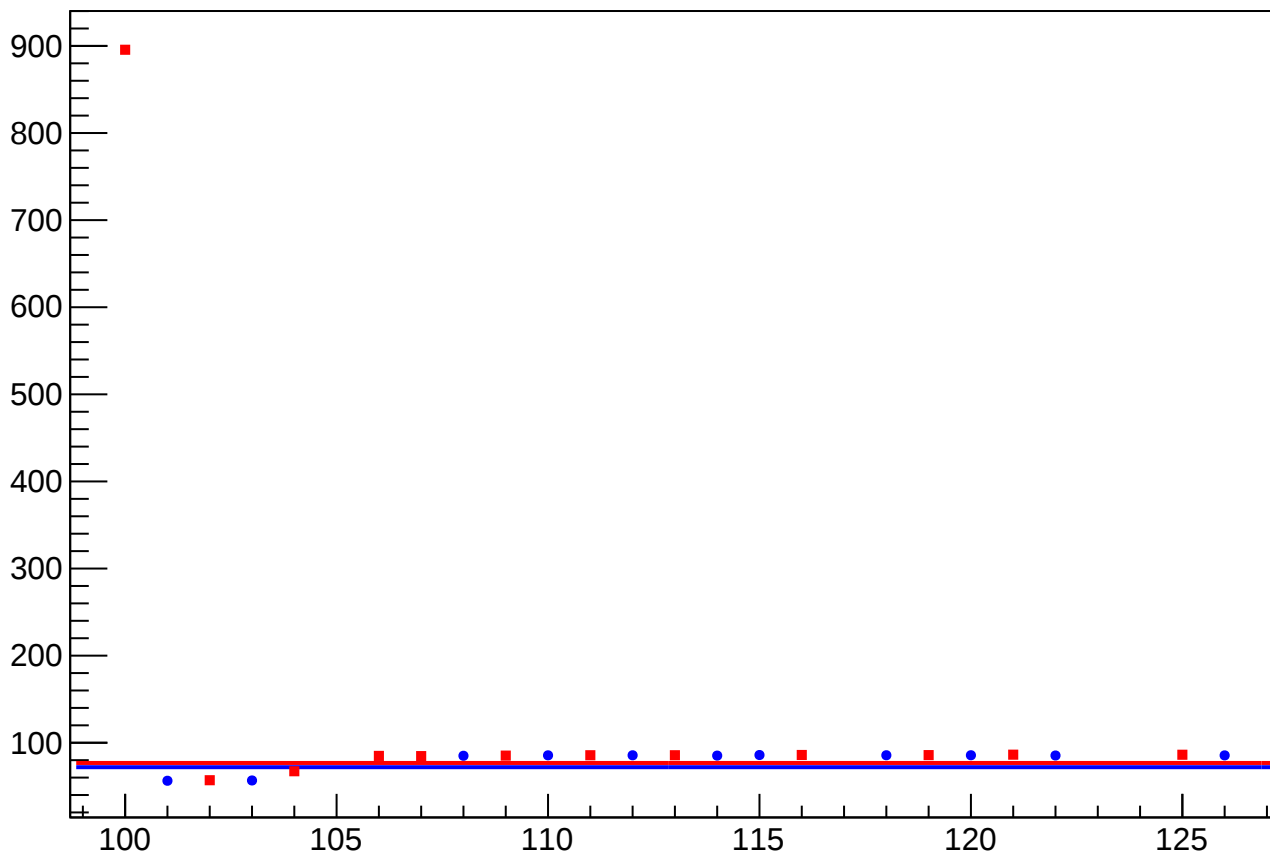
Right: -19.497+/-25.571 χ^2/NDF : 16.8/22

In: -31.265+/-35.992 χ^2/NDF : 4.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.497+/-25.571 χ^2/NDF : 16.8/22

reg_asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 71.940+/-0.025 χ^2/NDF : 322493.4/10

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

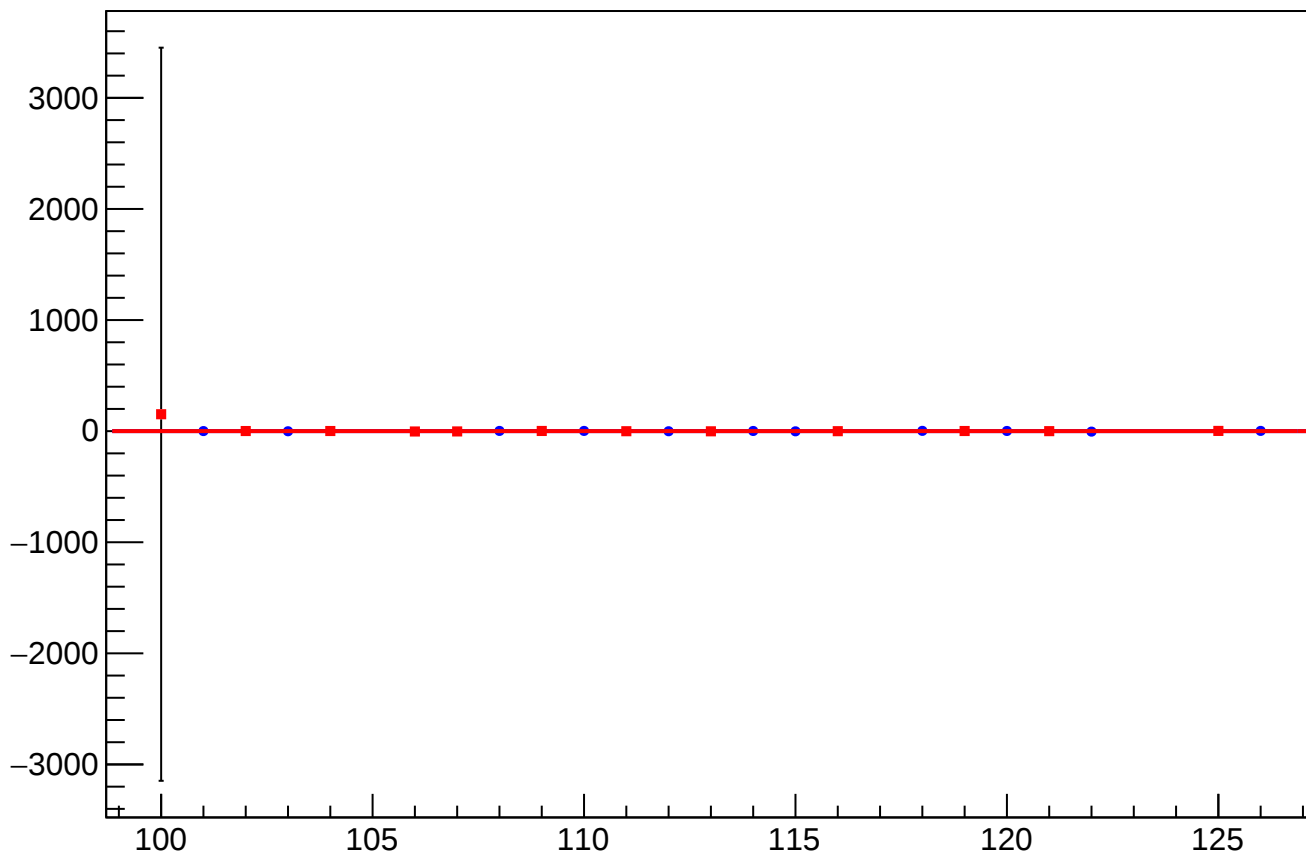
Right: 74.345+/-0.018 χ^2/NDF : 684753.0/22

In: 71.940+/-0.025 χ^2/NDF : 322493.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.345+/-0.018 χ^2/NDF : 684753.0/22

asym_ds_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.472+/-0.593 χ^2/NDF : 8.7/10

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

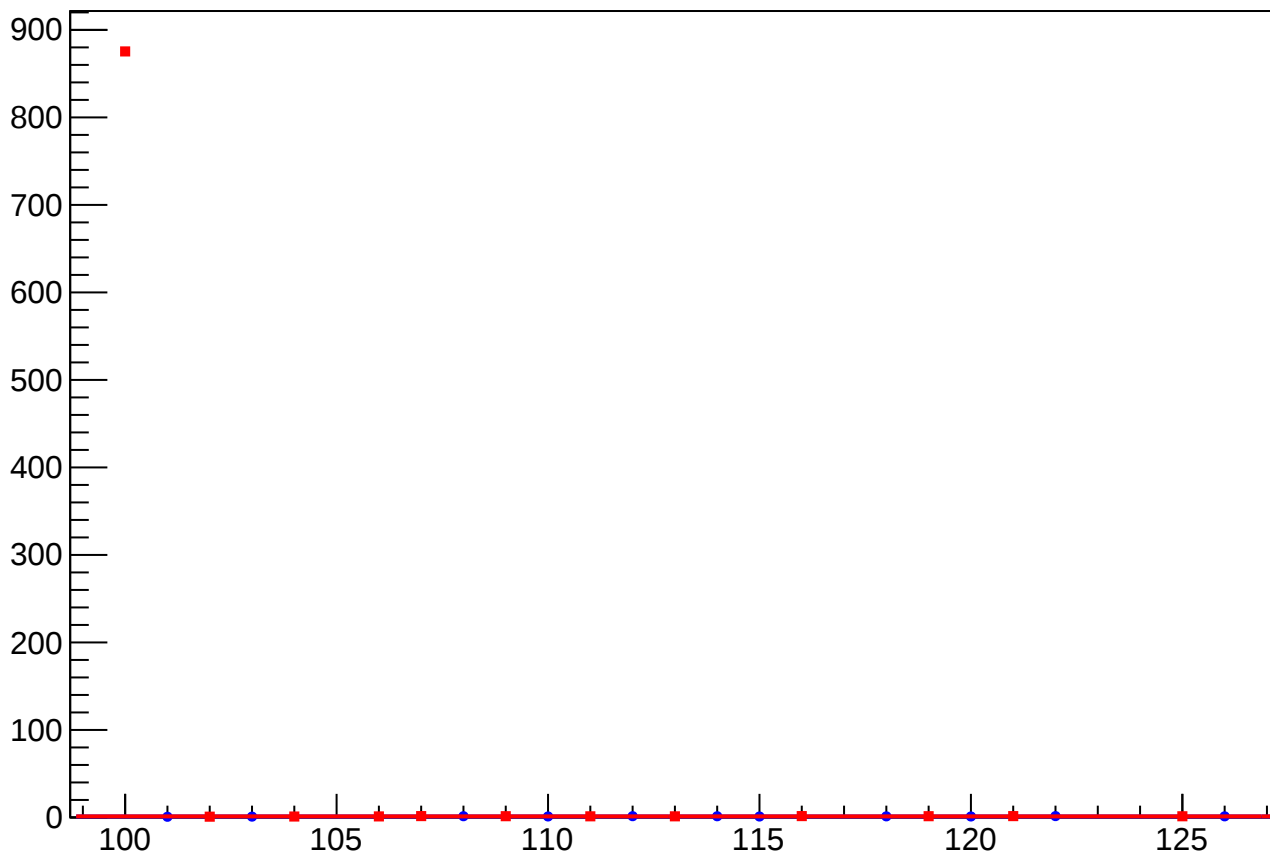
Right: 0.382+/-0.433 χ^2/NDF : 14.2/22

In: 0.472+/-0.593 χ^2/NDF : 8.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.382+/-0.433 χ^2/NDF : 14.2/22

asym_ds_avg_correction_rms vs Slug, Sign Corrected



Right In: 1.081+/-0.000 χ^2/NDF : 359886.8/10

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

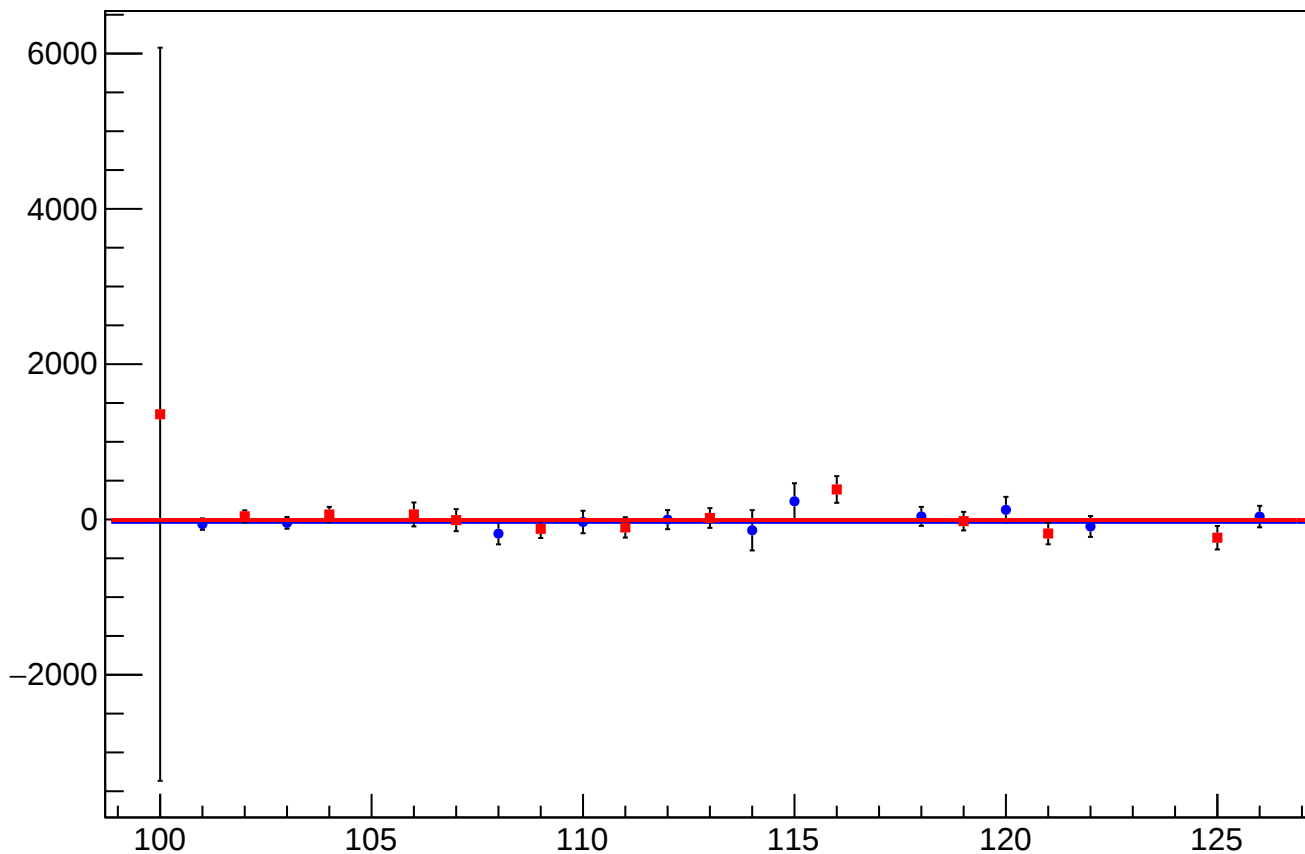
Right: 1.151+/-0.000 χ^2/NDF : 830797.7/22

In: 1.081+/-0.000 χ^2/NDF : 359886.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.151+/-0.000 χ^2/NDF : 830797.7/22

asym_ds_avg_mean vs Slug, Sign Corrected



Right In: -30.531+/-36.001 χ^2 /NDF: 4.6/10

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

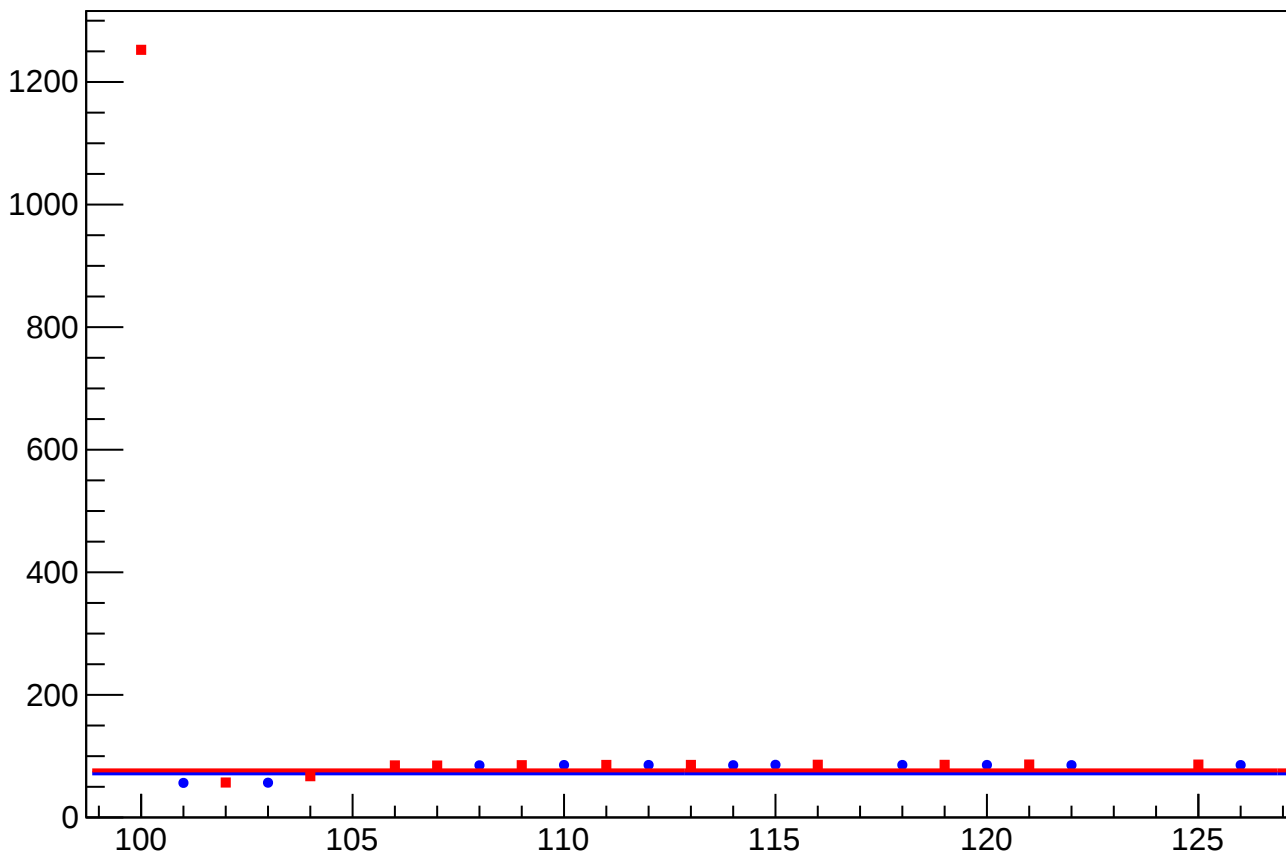
Right: -19.066+/-25.578 χ^2 /NDF: 16.6/22

In: -30.531+/-36.001 χ^2 /NDF:4.6/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -19.066+/-25.578 χ^2 /NDF: 16.6/22

asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 71.958+/-0.025 χ^2/NDF : 322487.1/10

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

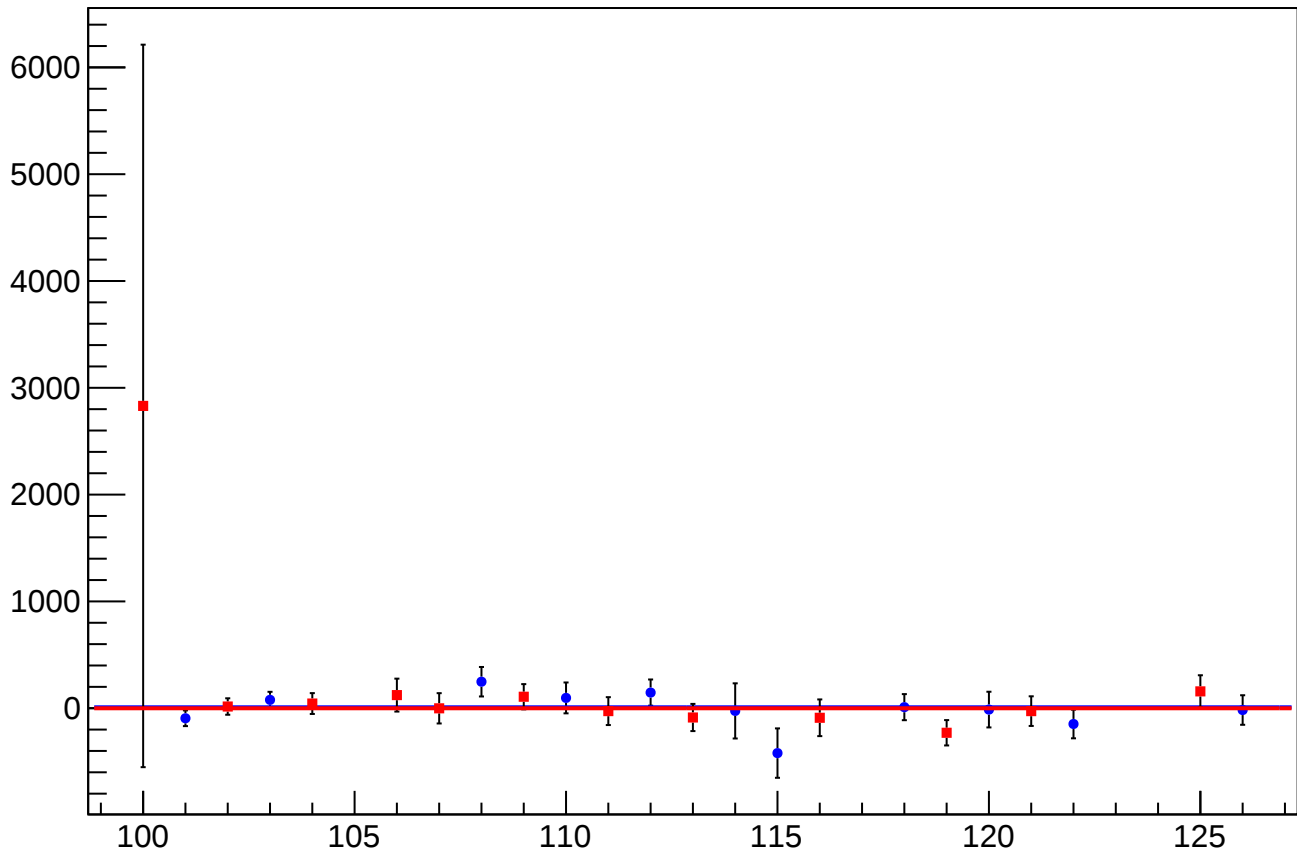
Right: 74.352+/-0.018 χ^2/NDF : 690909.0/22

In: 71.958+/-0.025 χ^2/NDF : 322487.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.352+/-0.018 χ^2/NDF : 690909.0/22

reg_asym_ds_dd_mean vs Slug, Sign Corrected



Right In: 8.611+/-35.968 χ^2/NDF : 12.3/10

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

Right Out: -0.589+/-36.315 χ^2/NDF : 8.1/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

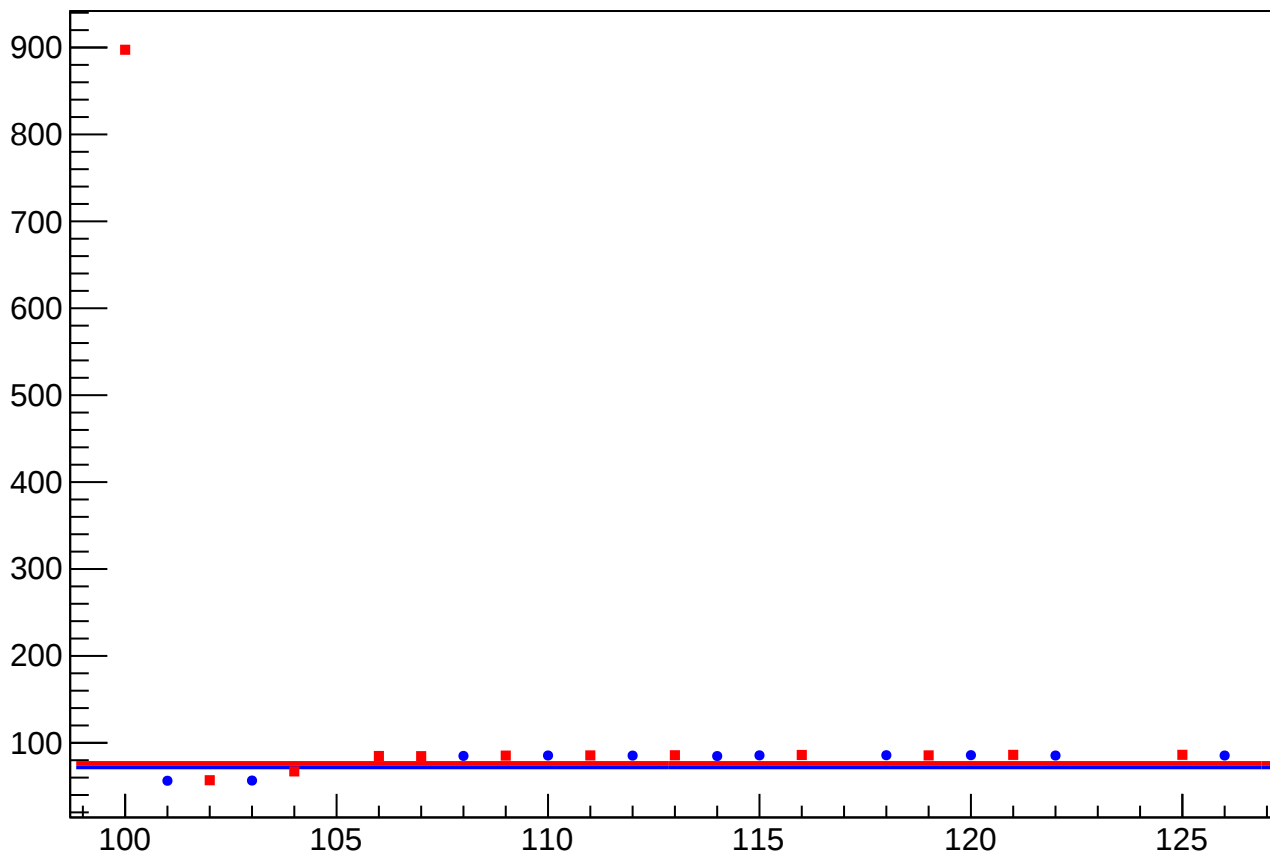
Right: 4.055+/-25.555 χ^2/NDF : 20.4/22

In: 8.611+/-35.968 χ^2/NDF : 12.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.055+/-25.555 χ^2/NDF : 20.4/22

reg_asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 71.893+/-0.025 χ^2/NDF : 322158.4/10

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

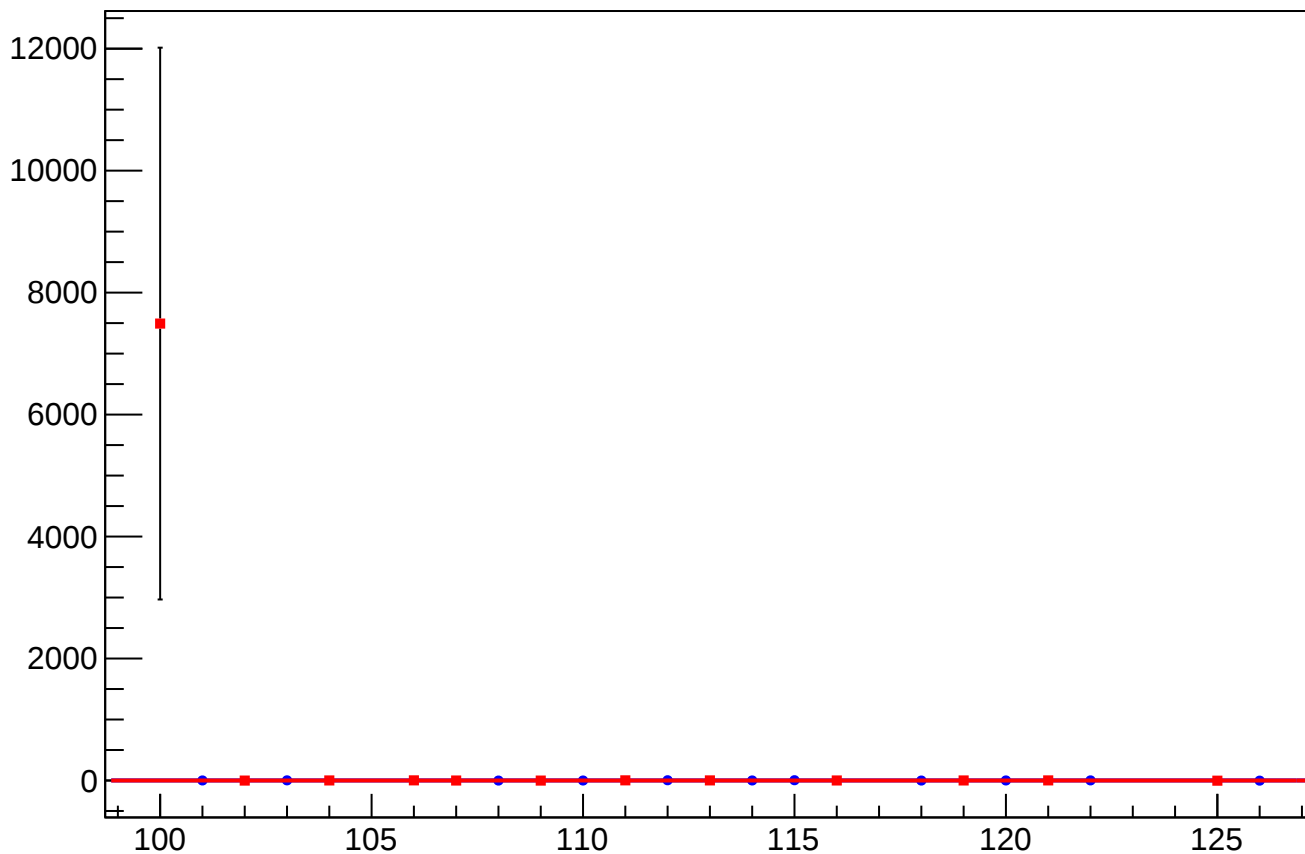
Right: 74.298+/-0.018 χ^2/NDF : 684324.0/22

In: 71.893+/-0.025 χ^2/NDF : 322158.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.298+/-0.018 χ^2/NDF : 684324.0/22

asym_ds_dd_correction_mean vs Slug, Sign Corrected



Right In: 1.058+/-0.629 χ^2/NDF : 7.9/10

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

Right Out: 0.043+/-0.652 χ^2/NDF : 9.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

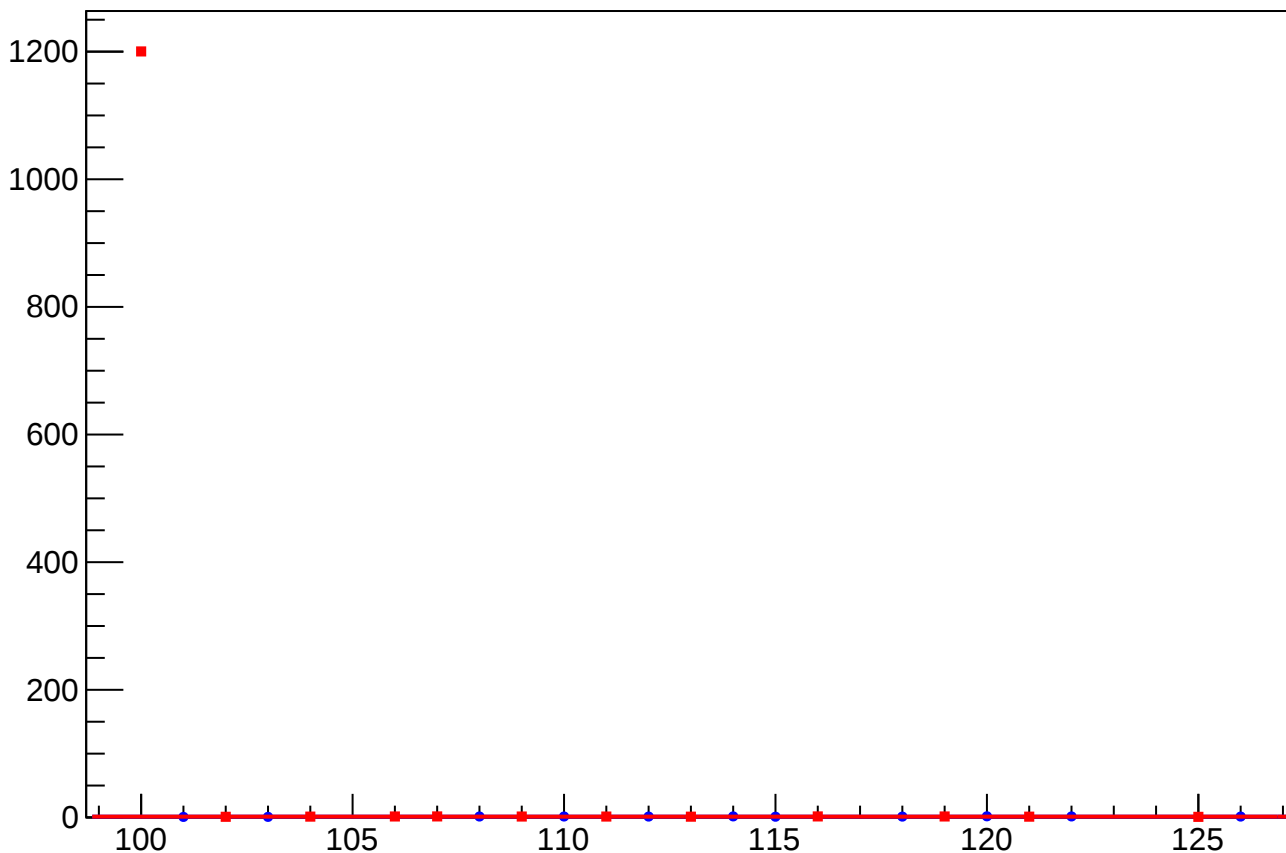
Right: 0.568+/-0.453 χ^2/NDF : 18.7/22

In: 1.058+/-0.629 χ^2/NDF : 7.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.568+/-0.453 χ^2/NDF : 18.7/22

asym_ds_dd_correction_rms vs Slug, Sign Corrected



Right In: 1.154+/-0.000 χ^2/NDF : 469506.9/10

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

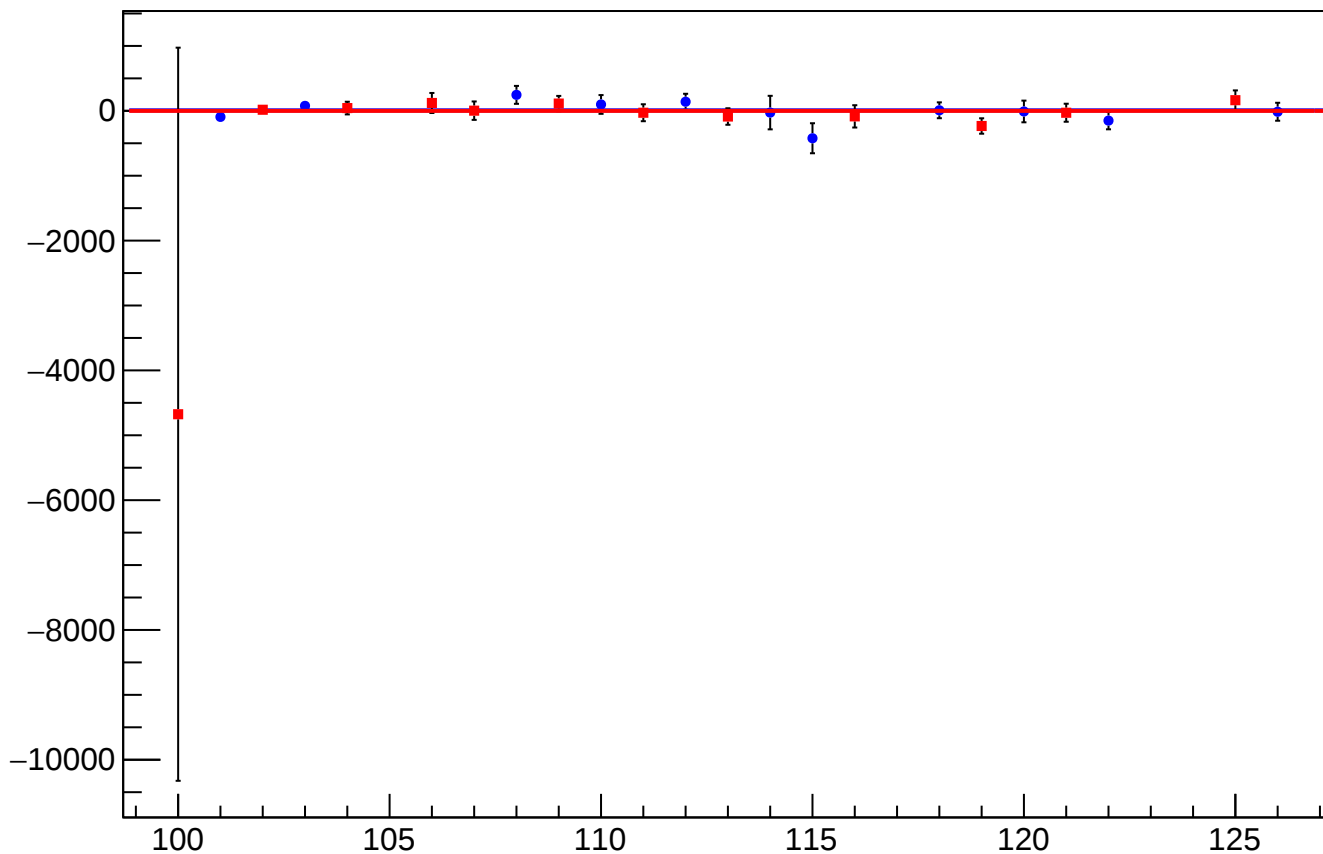
Right: 1.214+/-0.000 χ^2/NDF : 872752.8/22

In: 1.154+/-0.000 χ^2/NDF : 469506.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.214+/-0.000 χ^2/NDF : 872752.8/22

asym_ds_dd_mean vs Slug, Sign Corrected



Right In: 7.539+/-35.977 χ^2/NDF : 12.2/10

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

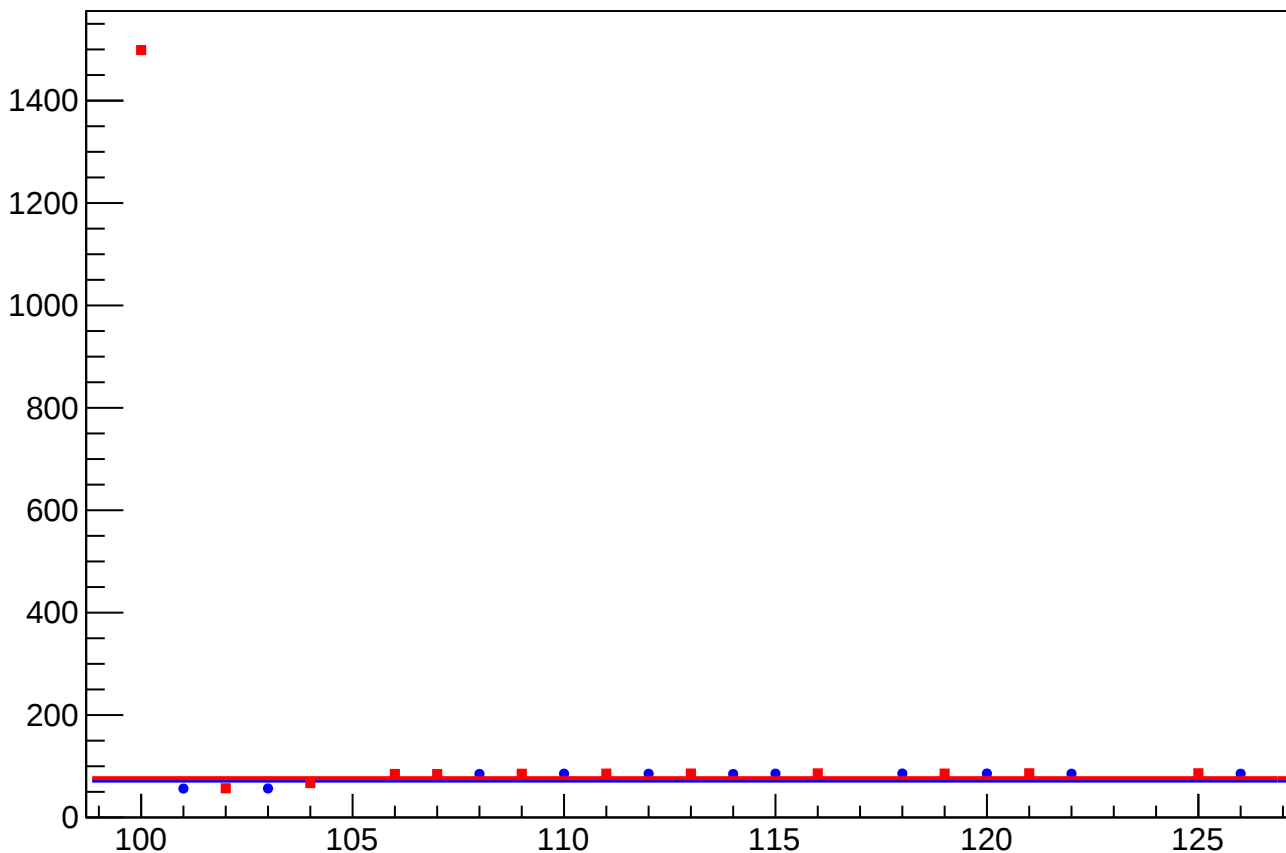
Right: 3.369+/-25.562 χ^2/NDF : 20.5/22

In: 7.539+/-35.977 χ^2/NDF : 12.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.369+/-25.562 χ^2/NDF : 20.5/22

asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 71.911+/-0.025 χ^2/NDF : 322171.0/10

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

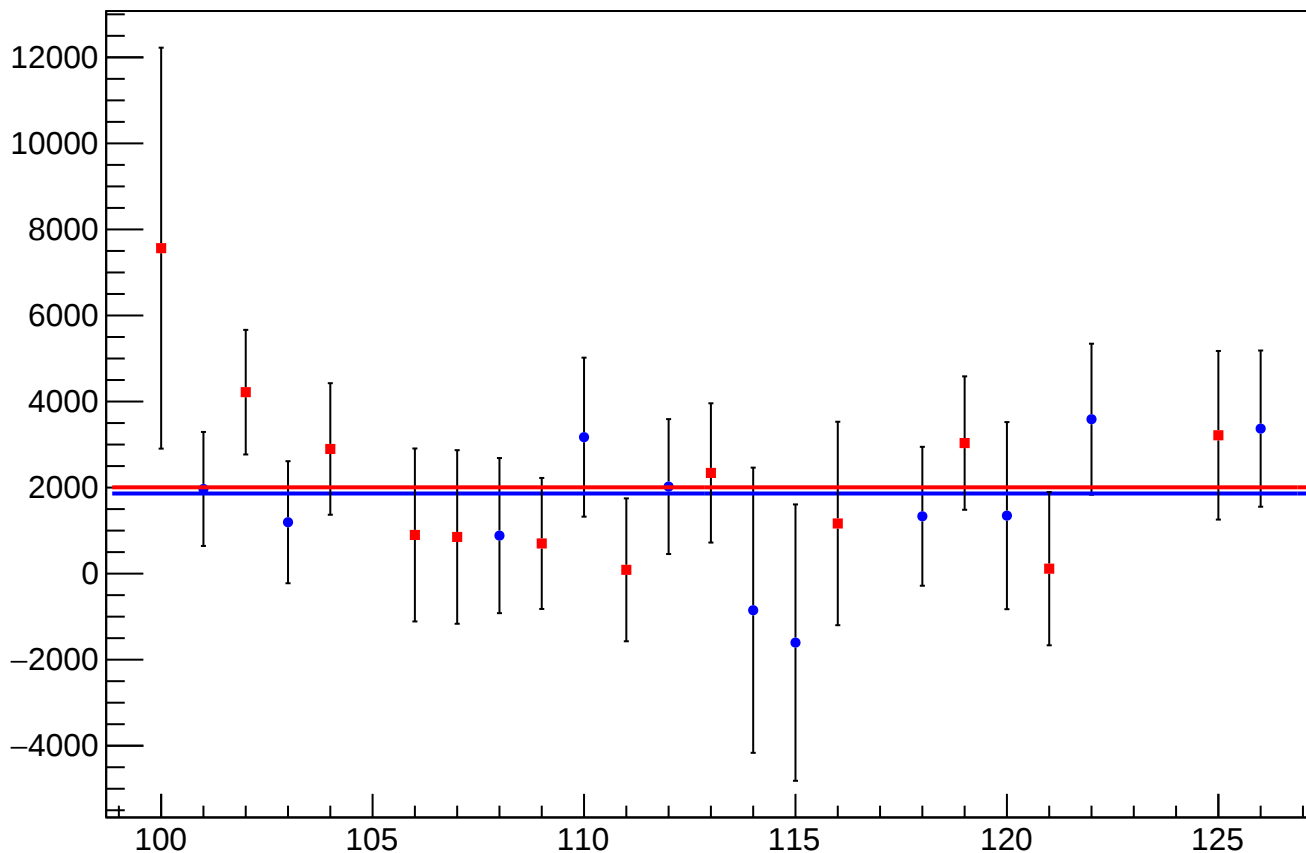
Right: 74.300+/-0.018 χ^2/NDF : 693045.4/22

In: 71.911+/-0.025 χ^2/NDF : 322171.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.300+/-0.018 χ^2/NDF : 693045.4/22

reg_asym_usl_mean vs Slug, Sign Corrected



Right In: 1862.304+/-535.620 χ^2/NDF : 4.7/10

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

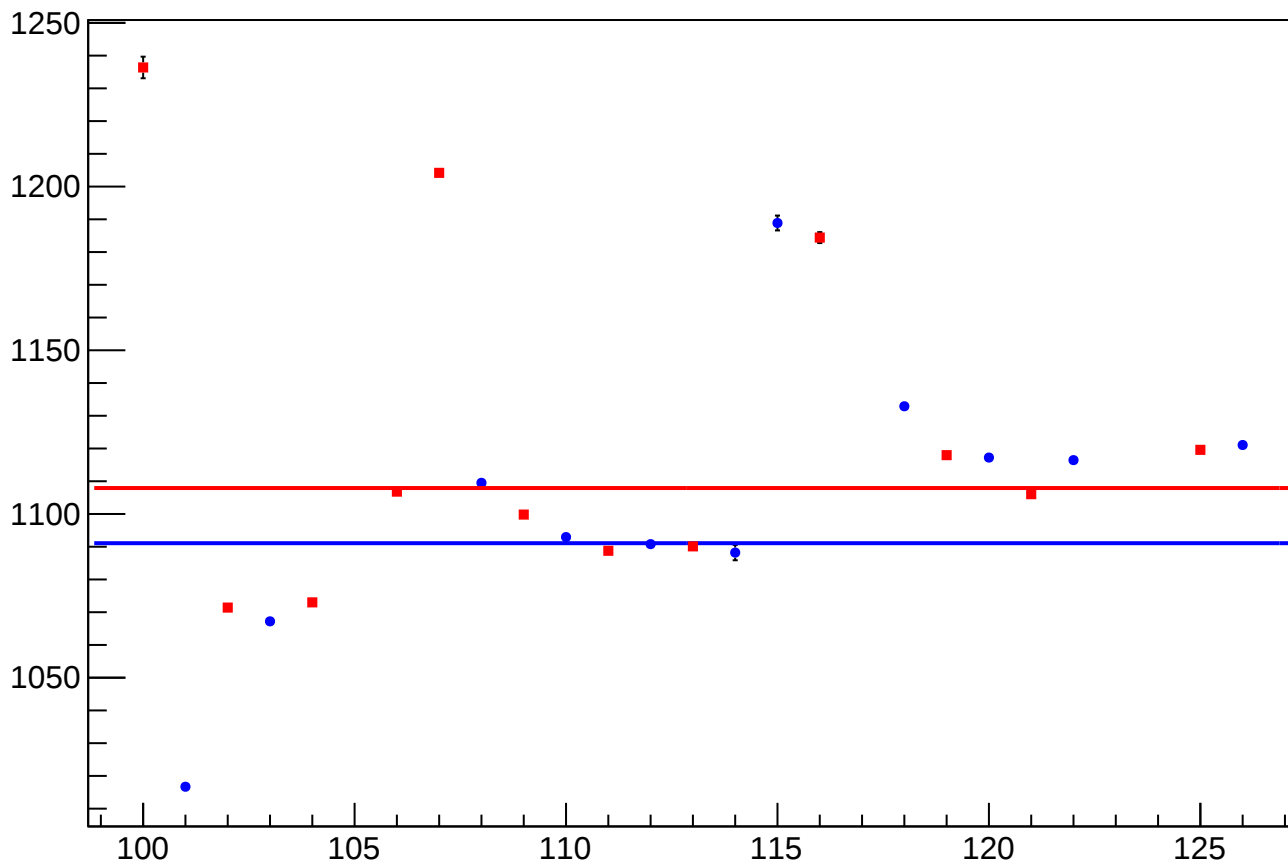
Right: 1937.238+/-370.737 χ^2/NDF : 13.6/22

In: 1862.304+/-535.620 χ^2/NDF : 4.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1937.238+/-370.737 χ^2/NDF : 13.6/22

reg_asym_usl_rms vs Slug, Sign Corrected



Right In: 1091.080+/-0.379 χ^2/NDF : 11532.3/10

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

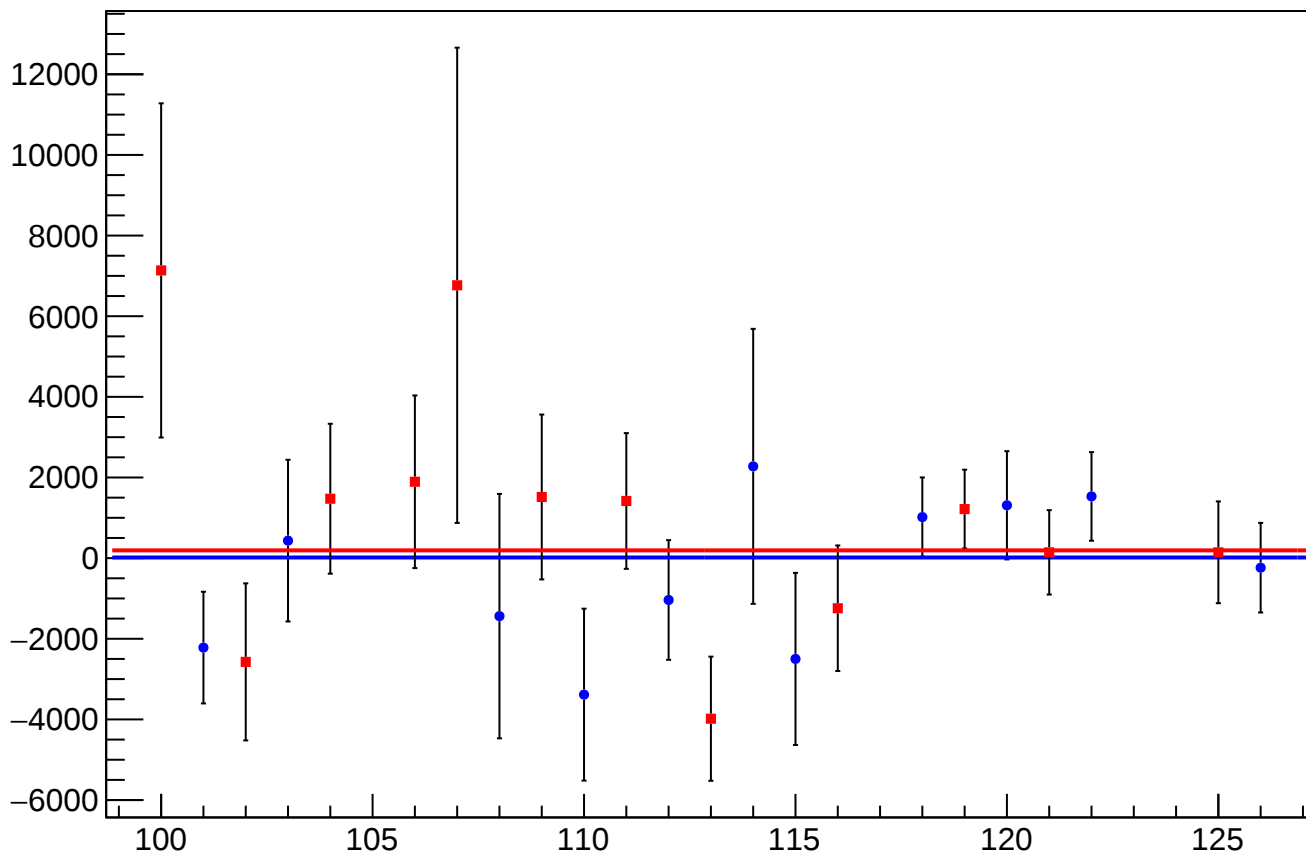
Right: 1099.856+/-0.262 χ^2/NDF : 23767.5/22

In: 1091.080+/-0.379 χ^2/NDF : 11532.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1099.856+/-0.262 χ^2/NDF : 23767.5/22

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: 16.063+/-443.426 χ^2/NDF : 11.7/10

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

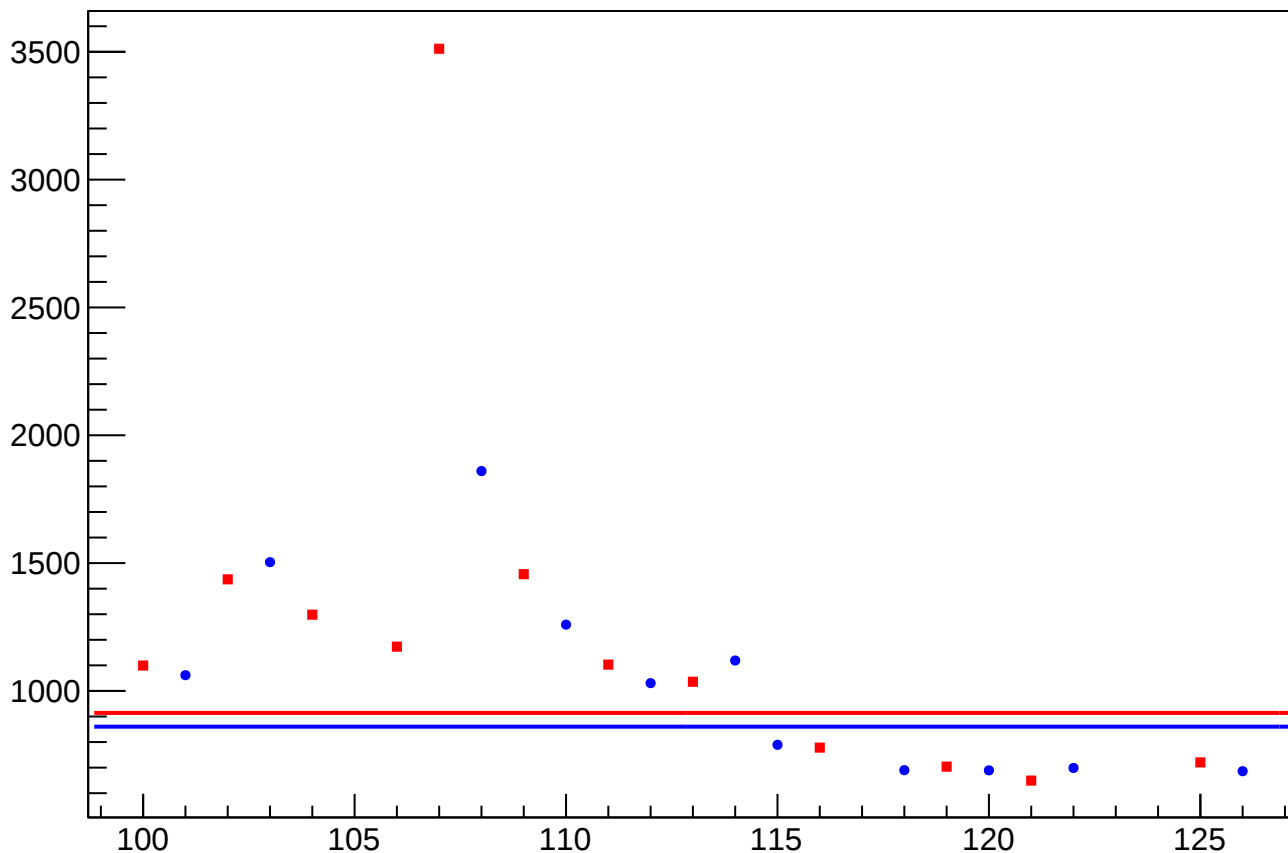
Right: 102.379+/-316.874 χ^2/NDF : 29.2/22

In: 16.063+/-443.426 χ^2/NDF : 11.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.379+/-316.874 χ^2/NDF : 29.2/22

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 860.205+/-0.314 χ^2/NDF : 760924.8/10

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

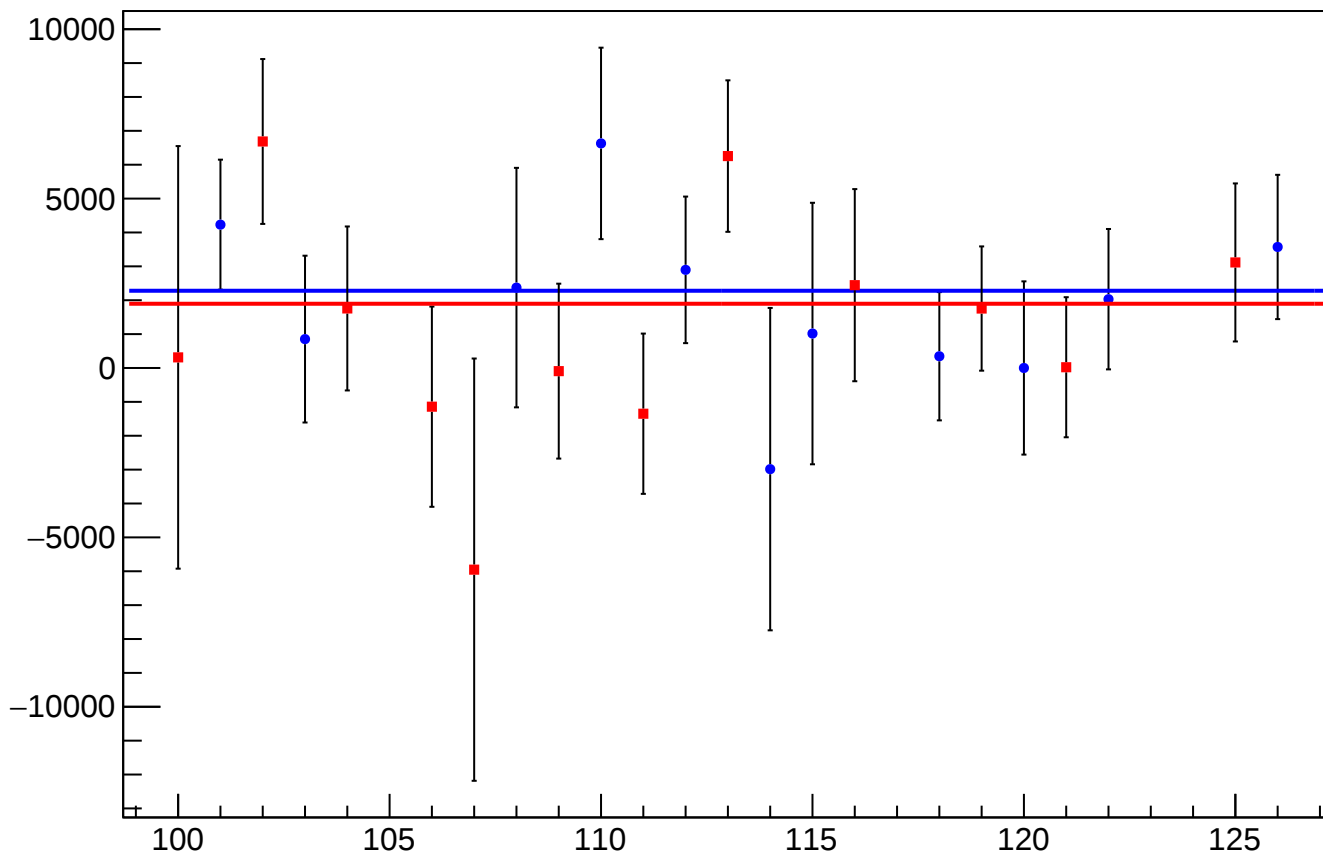
Right: 886.497+/-0.224 χ^2/NDF : 1888121.7/22

In: 860.205+/-0.314 χ^2/NDF : 760924.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 886.497+/-0.224 χ^2/NDF : 1888121.7/22

asym_usl_mean vs Slug, Sign Corrected



Right In: 2279.635+/-734.764 χ^2/NDF : 7.4/10

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

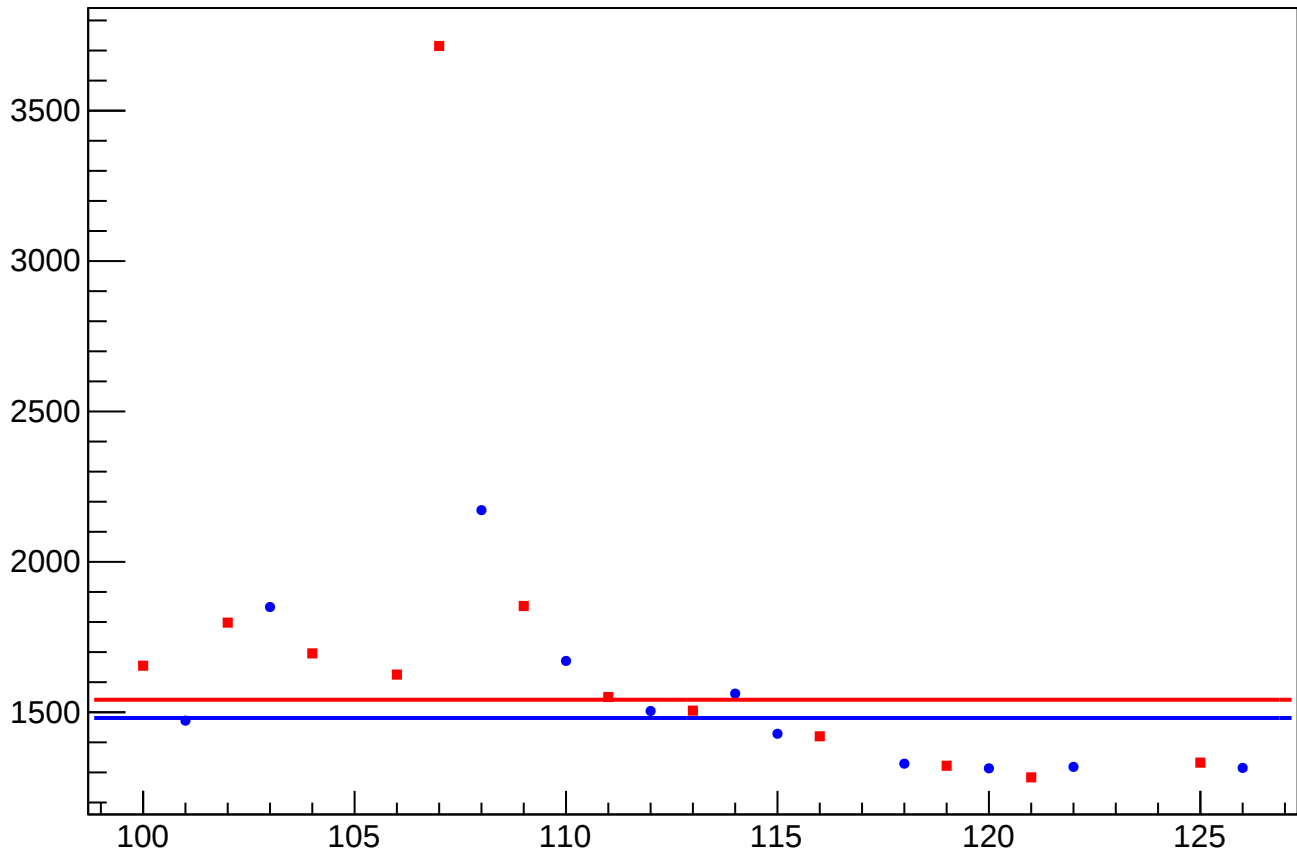
Right: 2086.669+/-518.044 χ^2/NDF : 21.5/22

In: 2279.635+/-734.764 χ^2/NDF : 7.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2086.669+/-518.044 χ^2/NDF : 21.5/22

asym_usl_rms vs Slug, Sign Corrected



Right In: 1481.028+/-0.520 χ^2/NDF : 177477.7/10

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

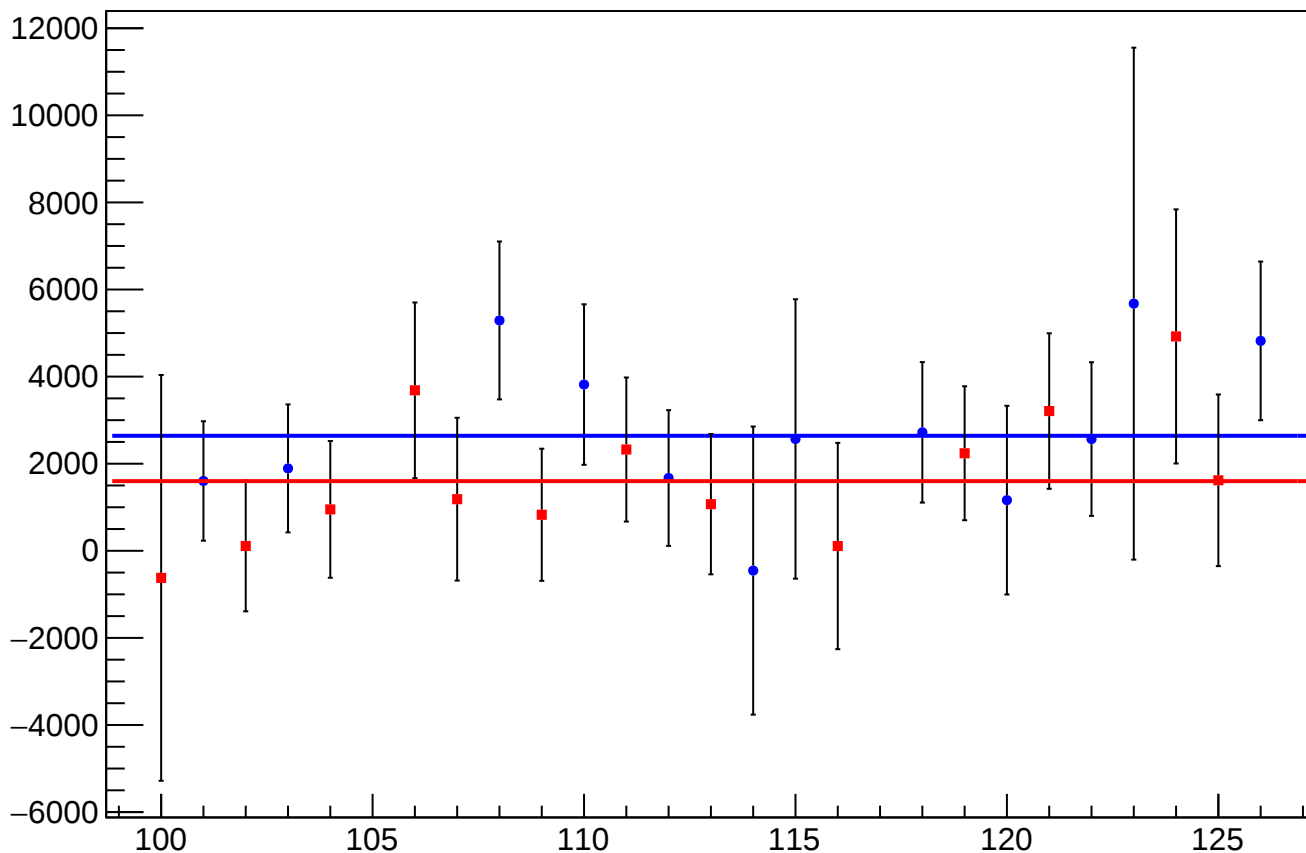
Right: 1511.518+/-0.366 χ^2/NDF : 569379.4/22

In: 1481.028+/-0.520 χ^2/NDF : 177477.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1511.518+/-0.366 χ^2/NDF : 569379.4/22

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 2641.112+/-538.919 χ^2/NDF : 6.8/11

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

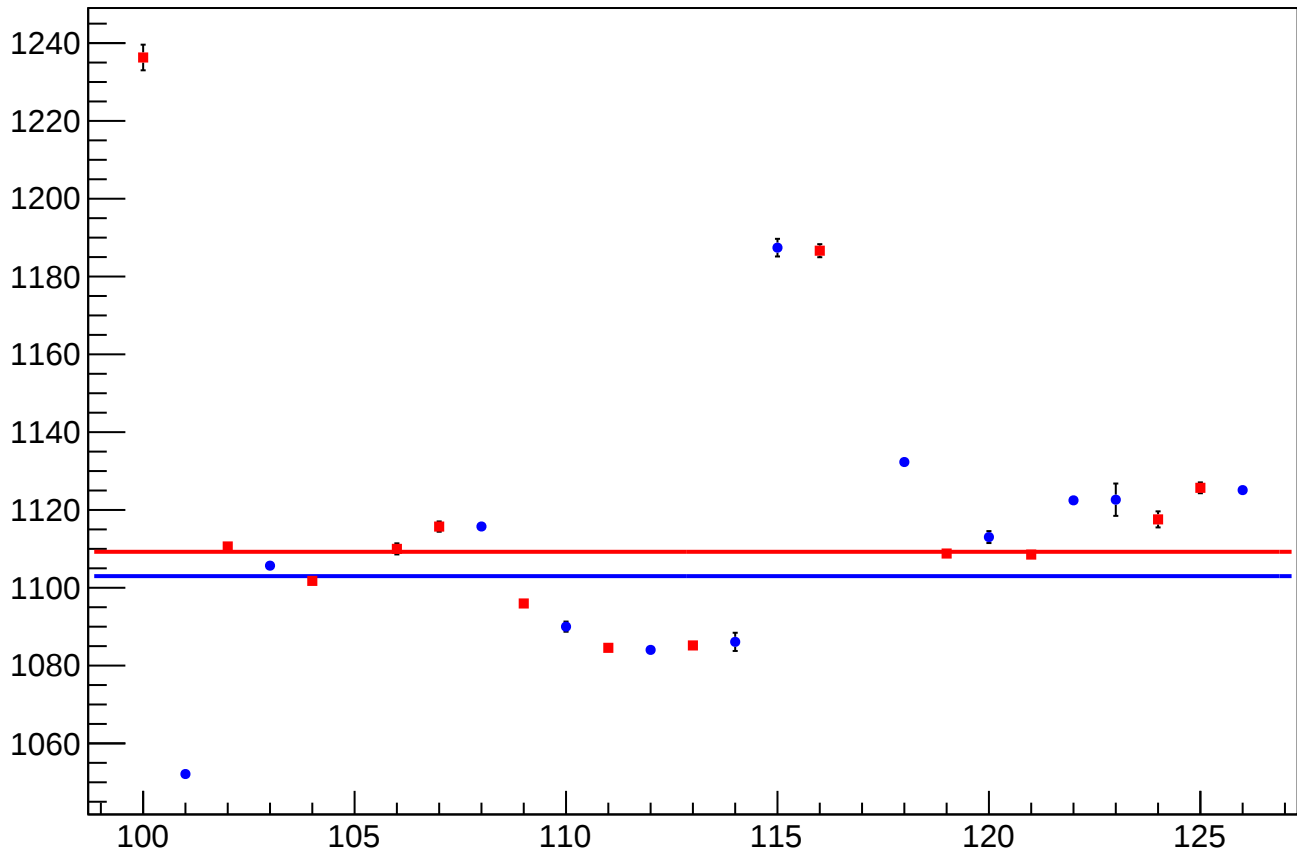
Right: 2087.829+/-368.960 χ^2/NDF : 14.5/24

In: 2641.112+/-538.919 χ^2/NDF : 6.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2087.829+/-368.960 χ^2/NDF : 14.5/24

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1102.992 $\pm$ 0.381 χ^2 /NDF: 5956.0/11

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

Right Out: 1109.246 $\pm$ 0.358 χ^2 /NDF: 4893.9/12

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

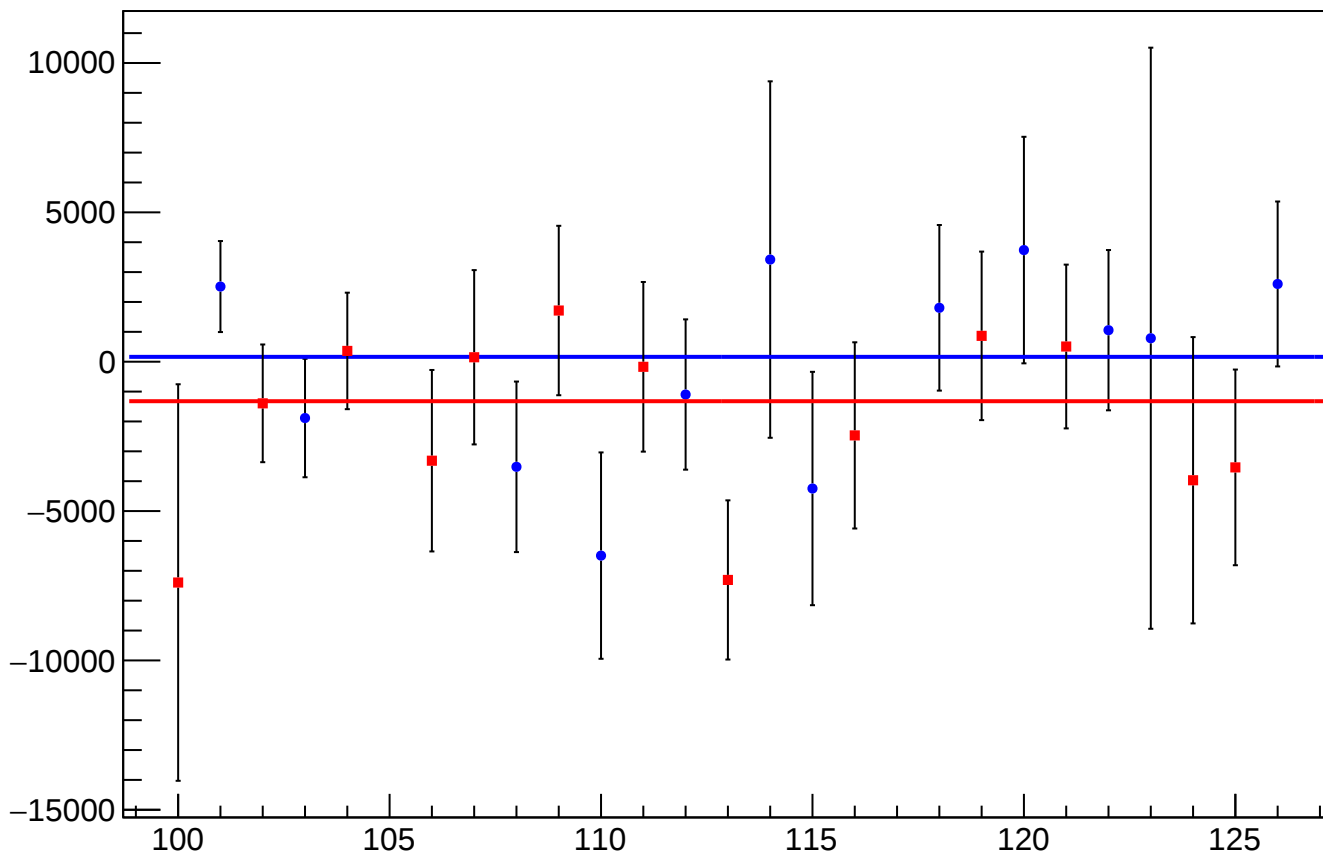
Right: 1106.315 $\pm$ 0.261 χ^2 /NDF: 10993.0/24

In: 1102.992 $\pm$ 0.381 χ^2 /NDF:5956.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1106.315 $\pm$ 0.261 χ^2 /NDF: 10993.0/24

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: 162.536+/-784.767 χ^2/NDF : 12.8/11

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

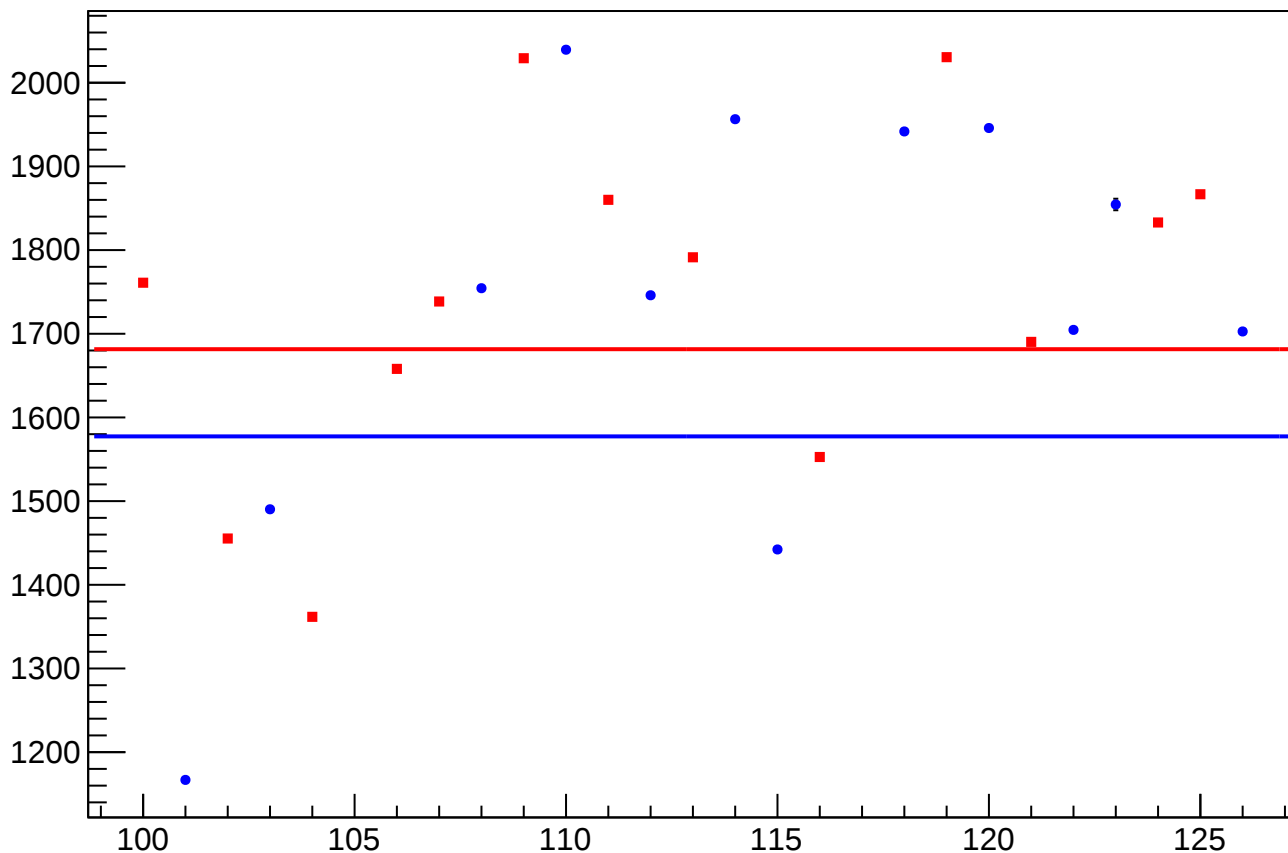
Right: -587.317+/-552.116 χ^2/NDF : 25.2/24

In: 162.536+/-784.767 χ^2/NDF : 12.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -587.317+/-552.116 χ^2/NDF : 25.2/24

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1577.359+/-0.555 χ^2/NDF : 275712.1/11

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

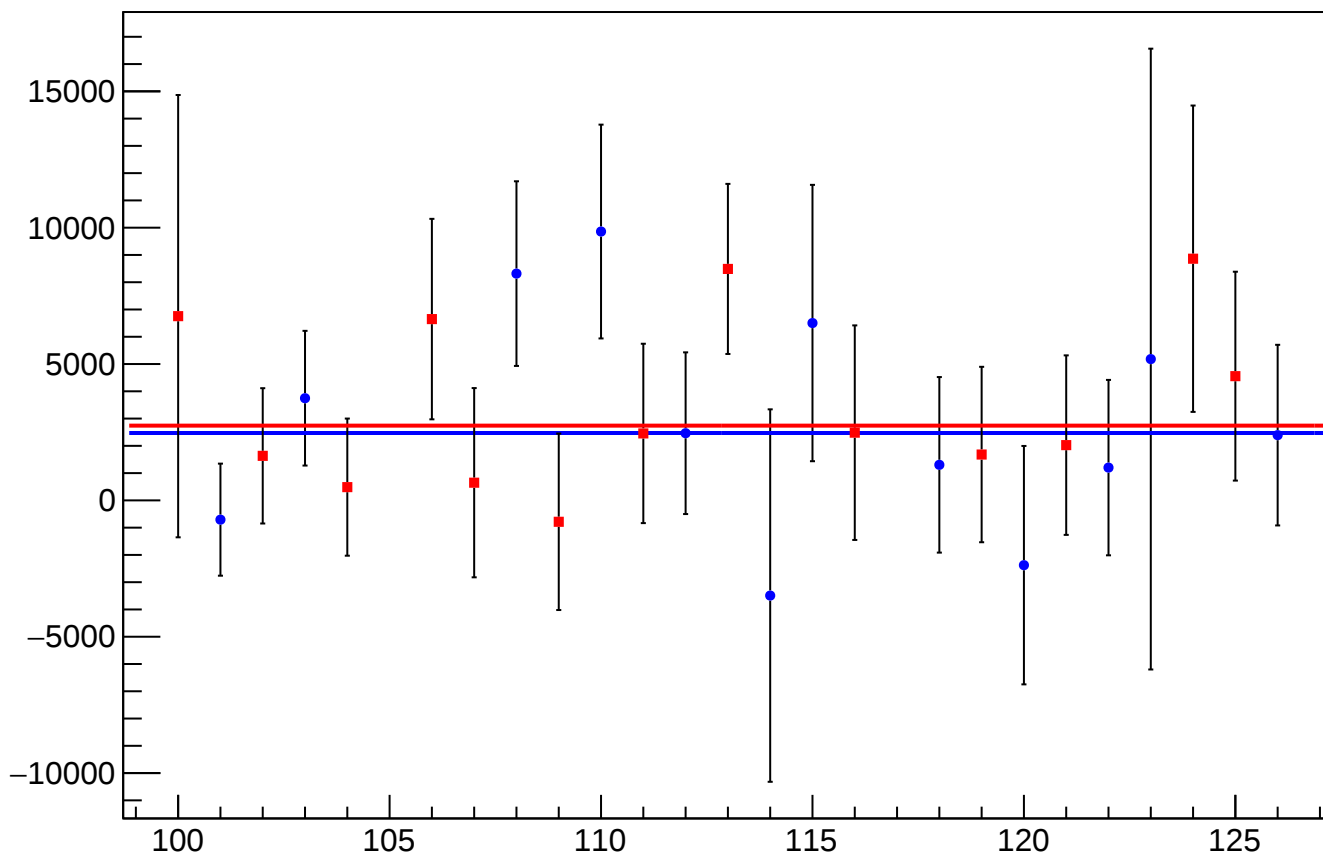
Right: 1629.986+/-0.390 χ^2/NDF : 458677.7/24

In: 1577.359+/-0.555 χ^2/NDF : 275712.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1629.986+/-0.390 χ^2/NDF : 458677.7/24

asym_usr_mean vs Slug, Sign Corrected



Right In: 2471.160+/-965.991 χ^2/NDF : 12.2/11

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

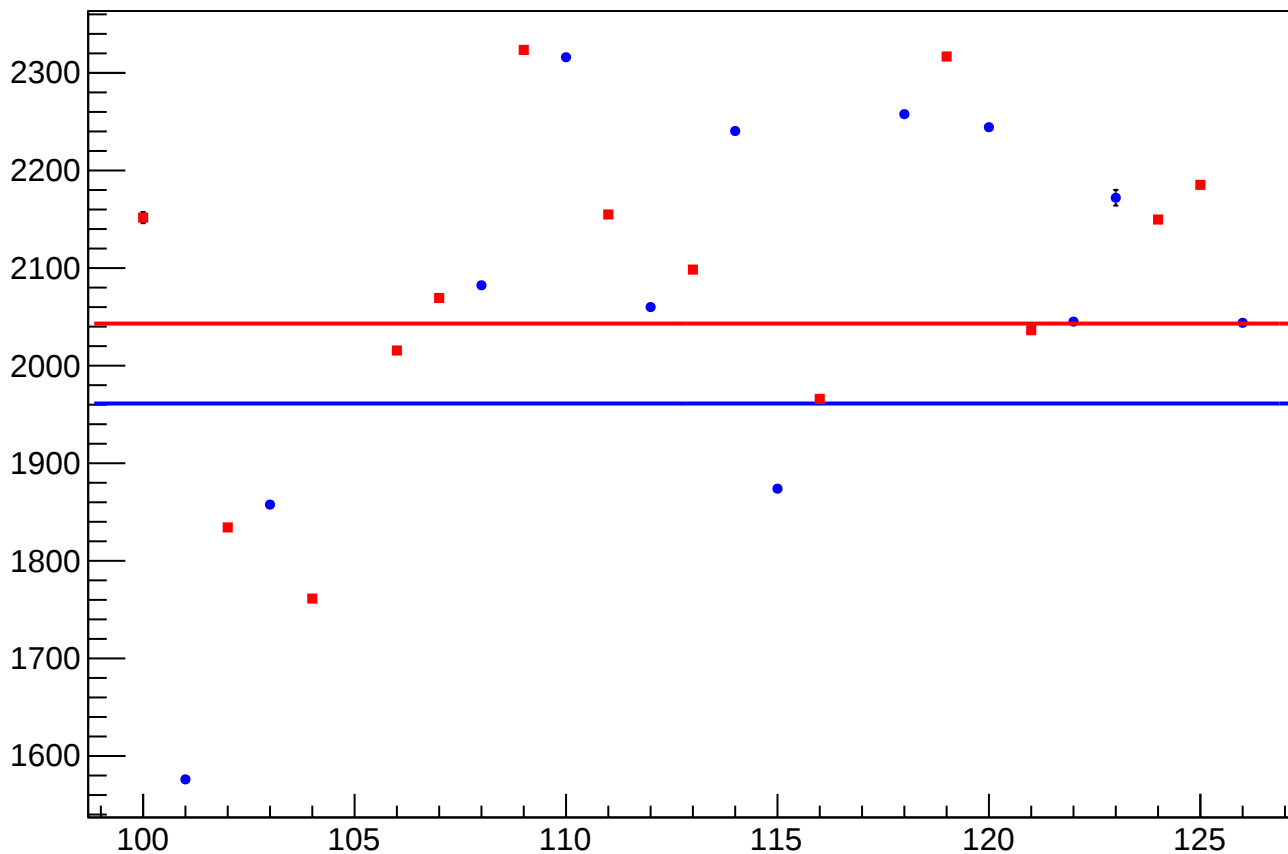
Right: 2610.111+/-672.858 χ^2/NDF : 21.1/24

In: 2471.160+/-965.991 χ^2/NDF : 12.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2610.111+/-672.858 χ^2/NDF : 21.1/24

asym_usr_rms vs Slug, Sign Corrected



Right In: 1961.219+/-0.683 χ^2/NDF : 127555.2/11

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

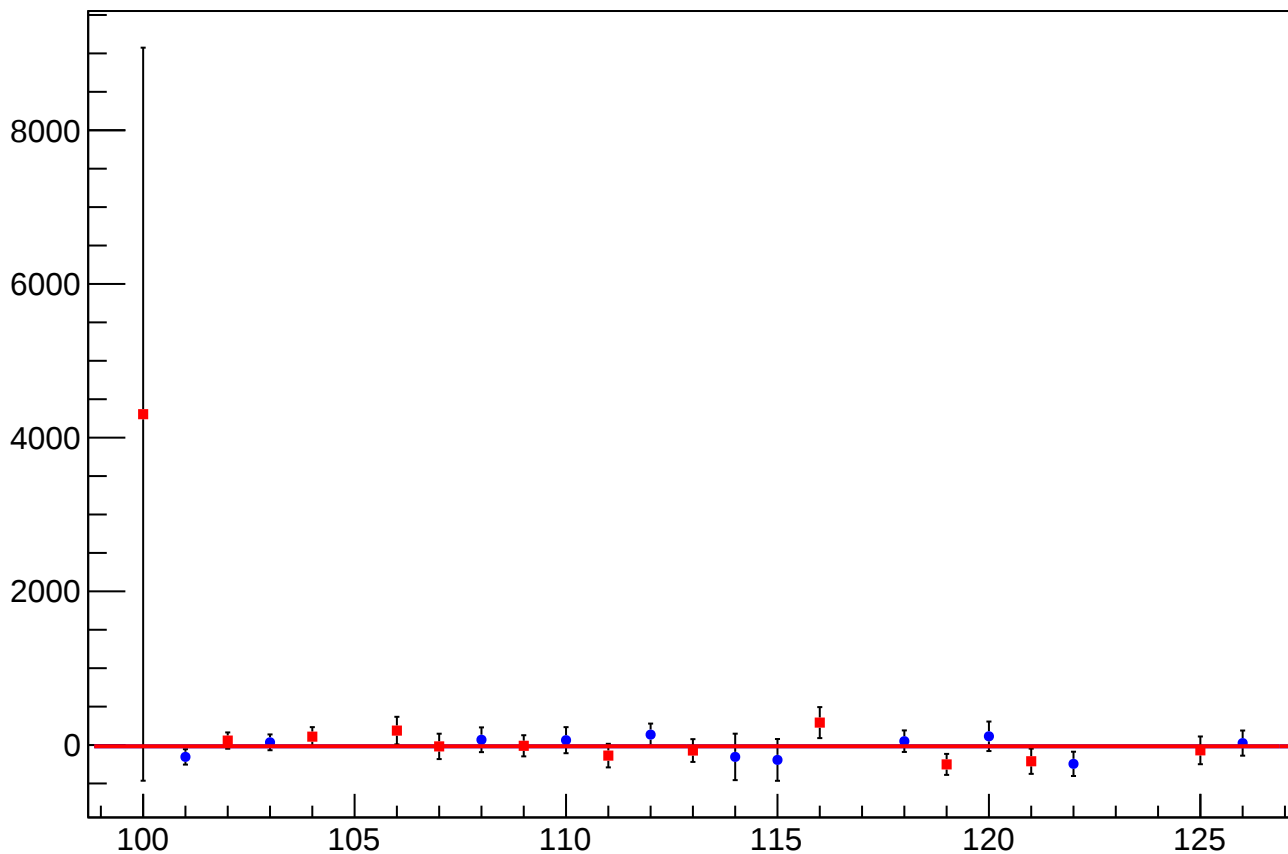
Right: 2003.392+/-0.476 χ^2/NDF : 211537.7/24

In: 1961.219+/-0.683 χ^2/NDF : 127555.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2003.392+/-0.476 χ^2/NDF : 211537.7/24

reg_asym_dsl_mean vs Slug, Sign Corrected



Right In: -16.372+/-44.911 χ^2 /NDF: 7.2/10

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

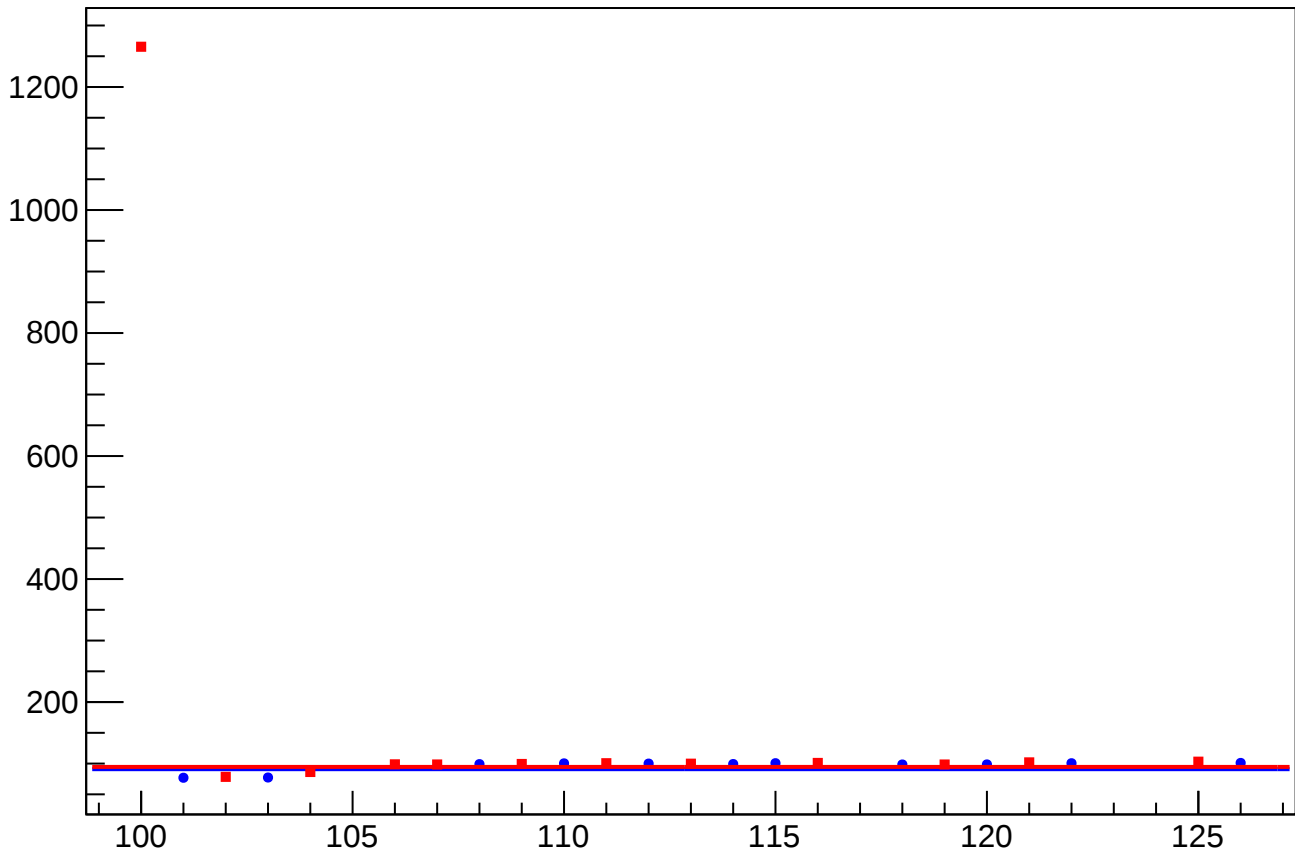
Right: -16.280+/-31.549 χ^2 /NDF: 18.4/22

In: -16.372+/-44.911 χ^2 /NDF: 7.2/10

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -16.280+/-31.549 χ^2 /NDF: 18.4/22

reg_asym_dsl_rms vs Slug, Sign Corrected



Right In: 90.892 $\pm$ 0.032 χ^2 /NDF: 121077.3/10

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

Right Out: 94.577 $\pm$ 0.031 χ^2 /NDF: 198229.1/11

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

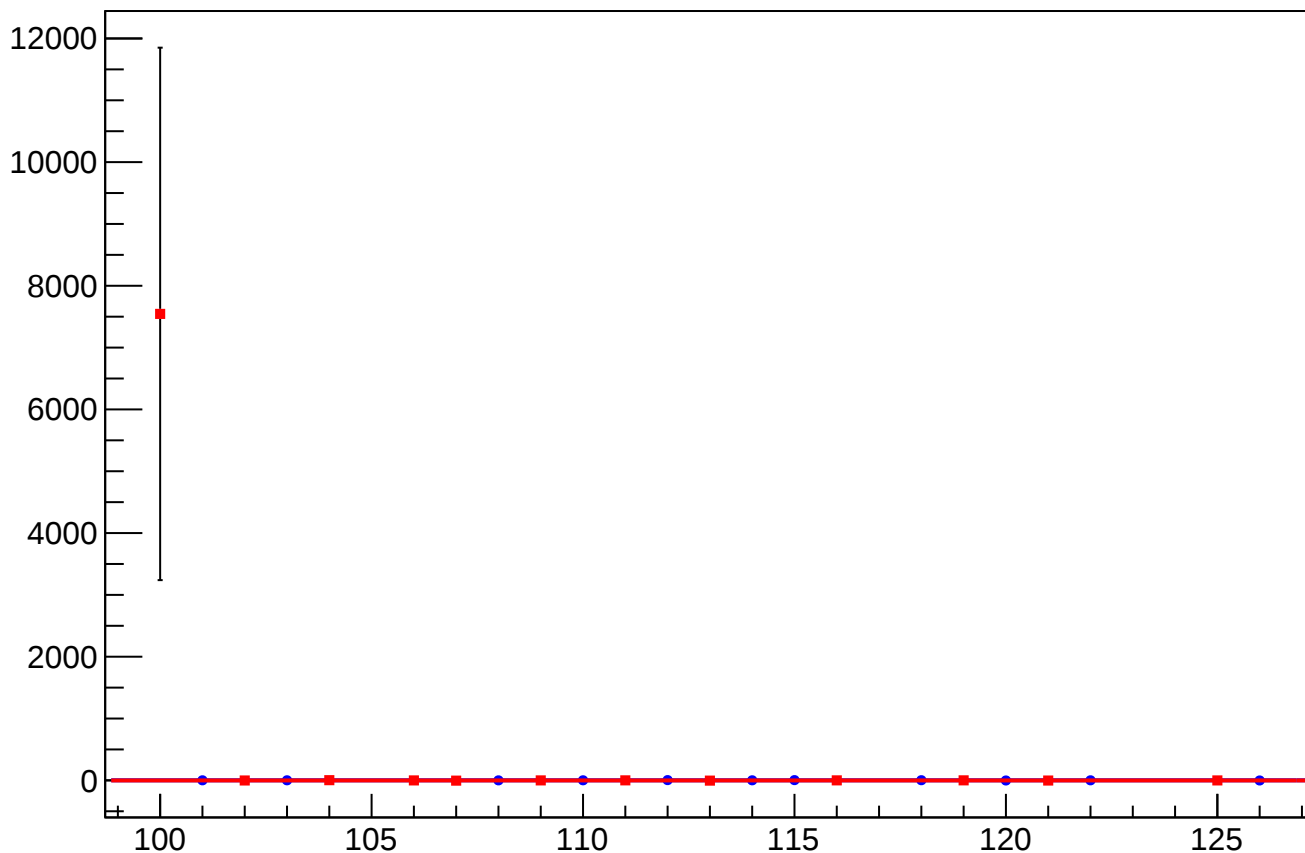
Right: 92.759 $\pm$ 0.022 χ^2 /NDF: 326124.7/22

In: 90.892 $\pm$ 0.032 χ^2 /NDF:121077.3/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 92.759 $\pm$ 0.022 χ^2 /NDF: 326124.7/22

asym_dsl_correction_mean vs Slug, Sign Corrected



Right In: 0.989 $\pm$ 0.732 χ^2 /NDF: 4.1/10

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

Right Out: -1.224 $\pm$ 0.767 χ^2 /NDF: 11.3/11

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

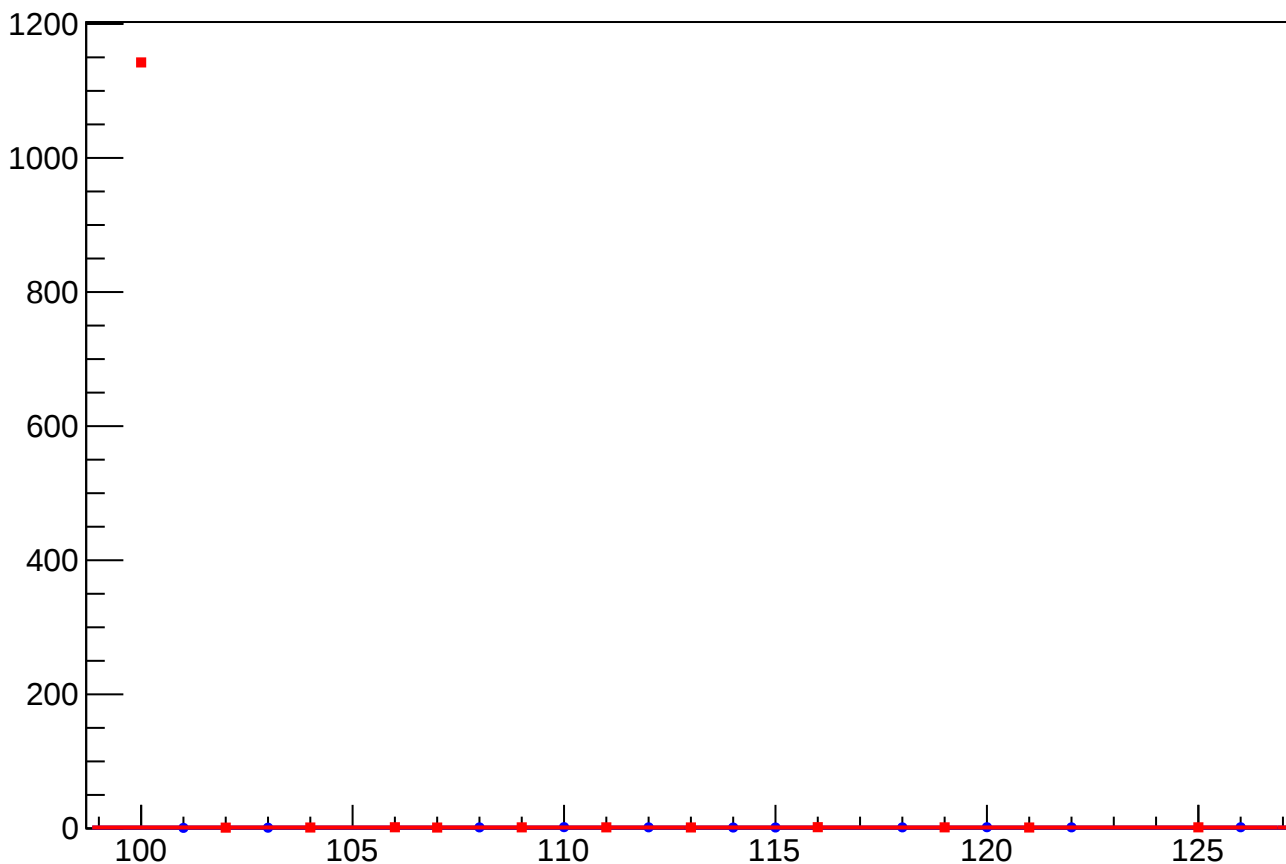
Right: -0.066 $\pm$ 0.530 χ^2 /NDF: 19.7/22

In: 0.989 $\pm$ 0.732 χ^2 /NDF:4.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.066 $\pm$ 0.530 χ^2 /NDF: 19.7/22

asym_dsl_correction_rms vs Slug, Sign Corrected



Right In: 1.323+/-0.001 χ^2/NDF : 503840.7/10

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

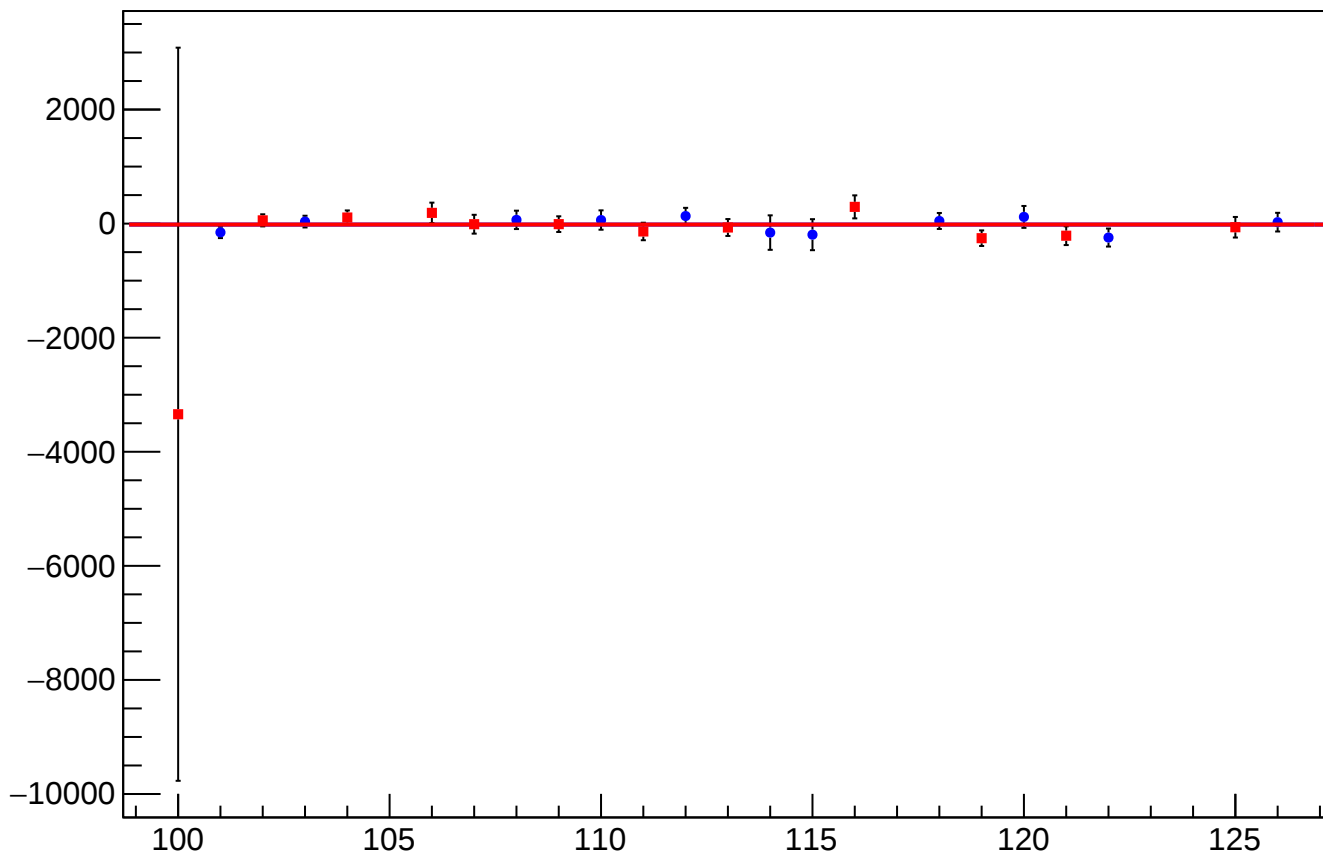
Right: 1.407+/-0.000 χ^2/NDF : 814725.1/22

In: 1.323+/-0.001 χ^2/NDF : 503840.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.407+/-0.000 χ^2/NDF : 814725.1/22

asym_dsl_mean vs Slug, Sign Corrected



Right In: -16.875+/-44.922 χ^2/NDF : 7.2/10

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

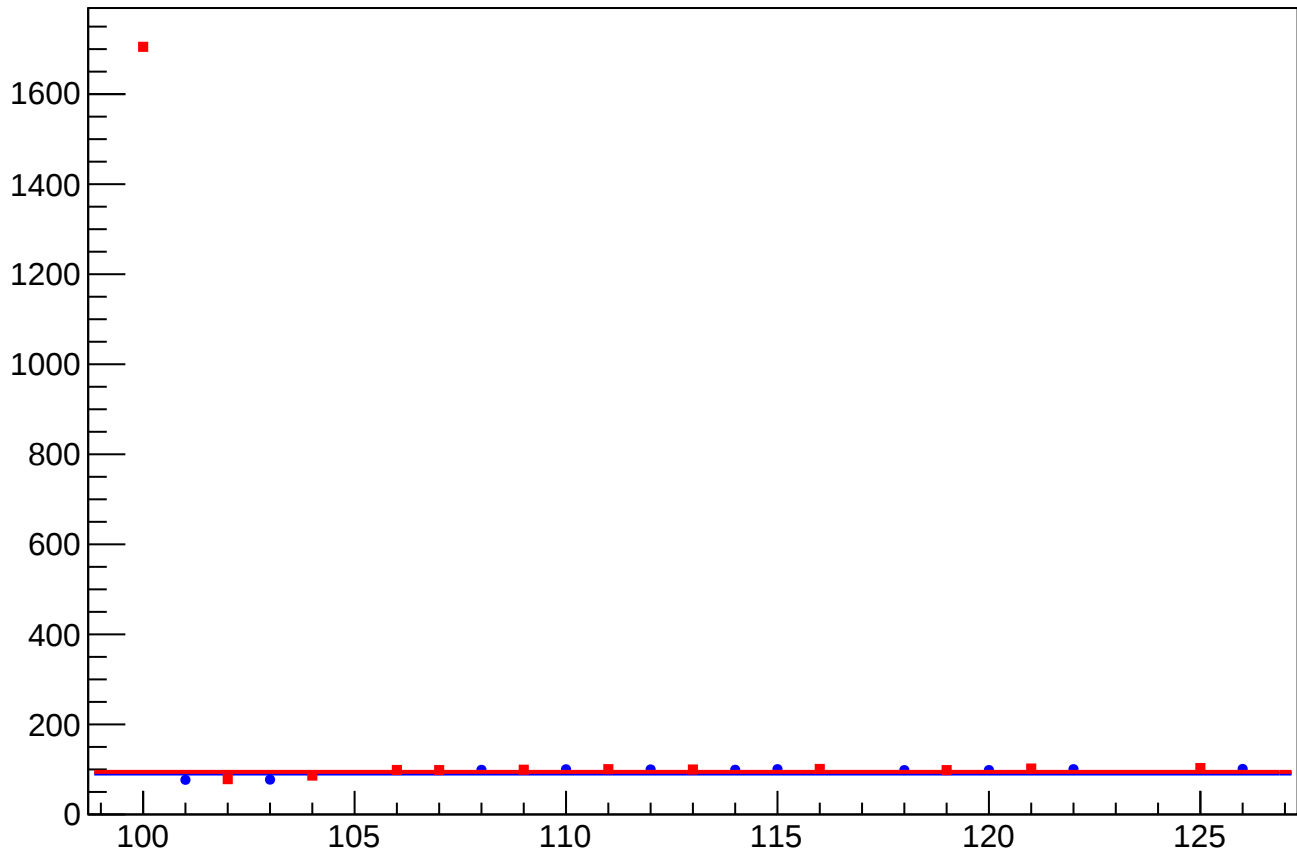
Right: -16.531+/-31.558 χ^2/NDF : 17.9/22

In: -16.875+/-44.922 χ^2/NDF : 7.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.531+/-31.558 χ^2/NDF : 17.9/22

asym_dsl_rms vs Slug, Sign Corrected



Right In: 90.915+/-0.032 χ^2/NDF : 121089.5/10

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

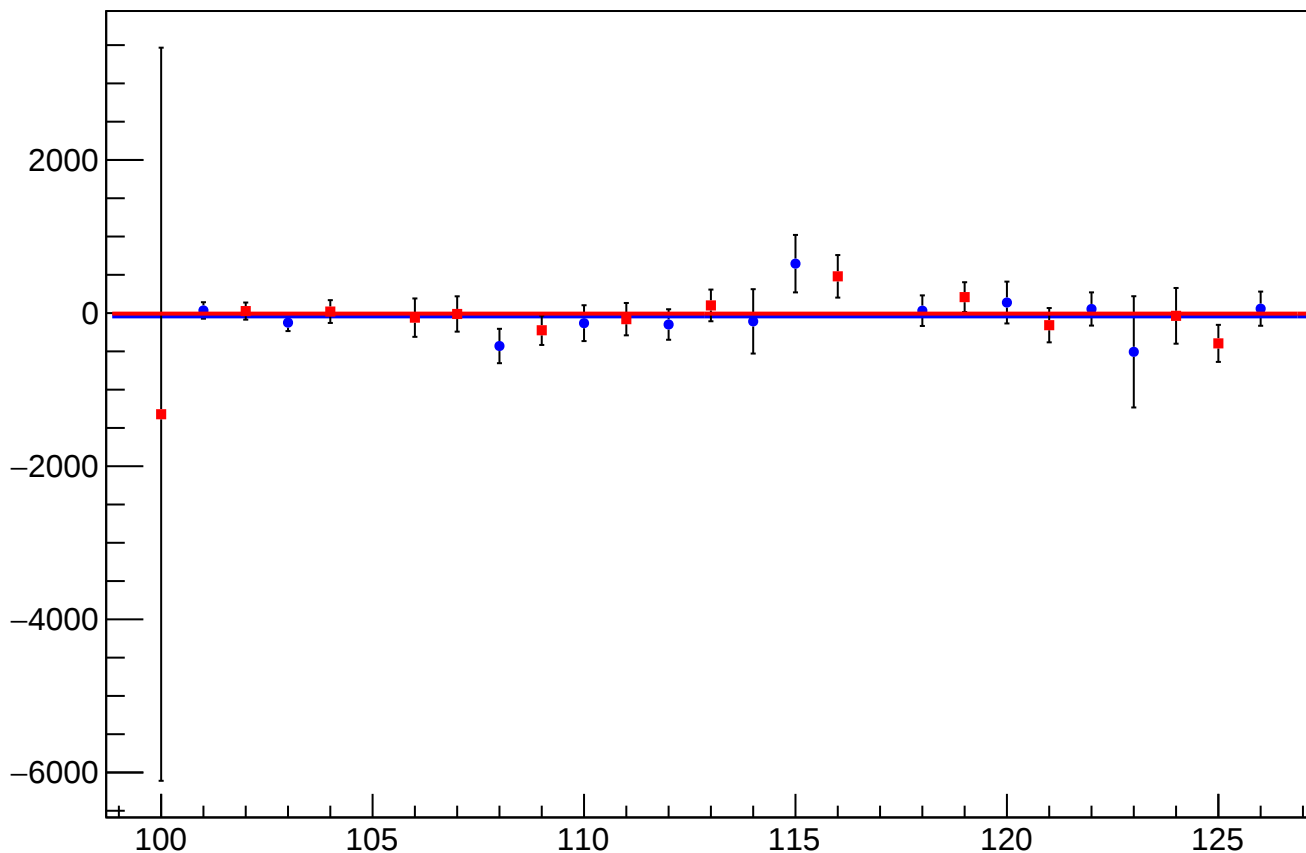
Right: 92.770+/-0.022 χ^2/NDF : 331094.7/22

In: 90.915+/-0.032 χ^2/NDF : 121089.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.770+/-0.022 χ^2/NDF : 331094.7/22

reg_asym_dsr_mean vs Slug, Sign Corrected



Right In: -42.850+/-55.303 χ^2/NDF : 9.2/11

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

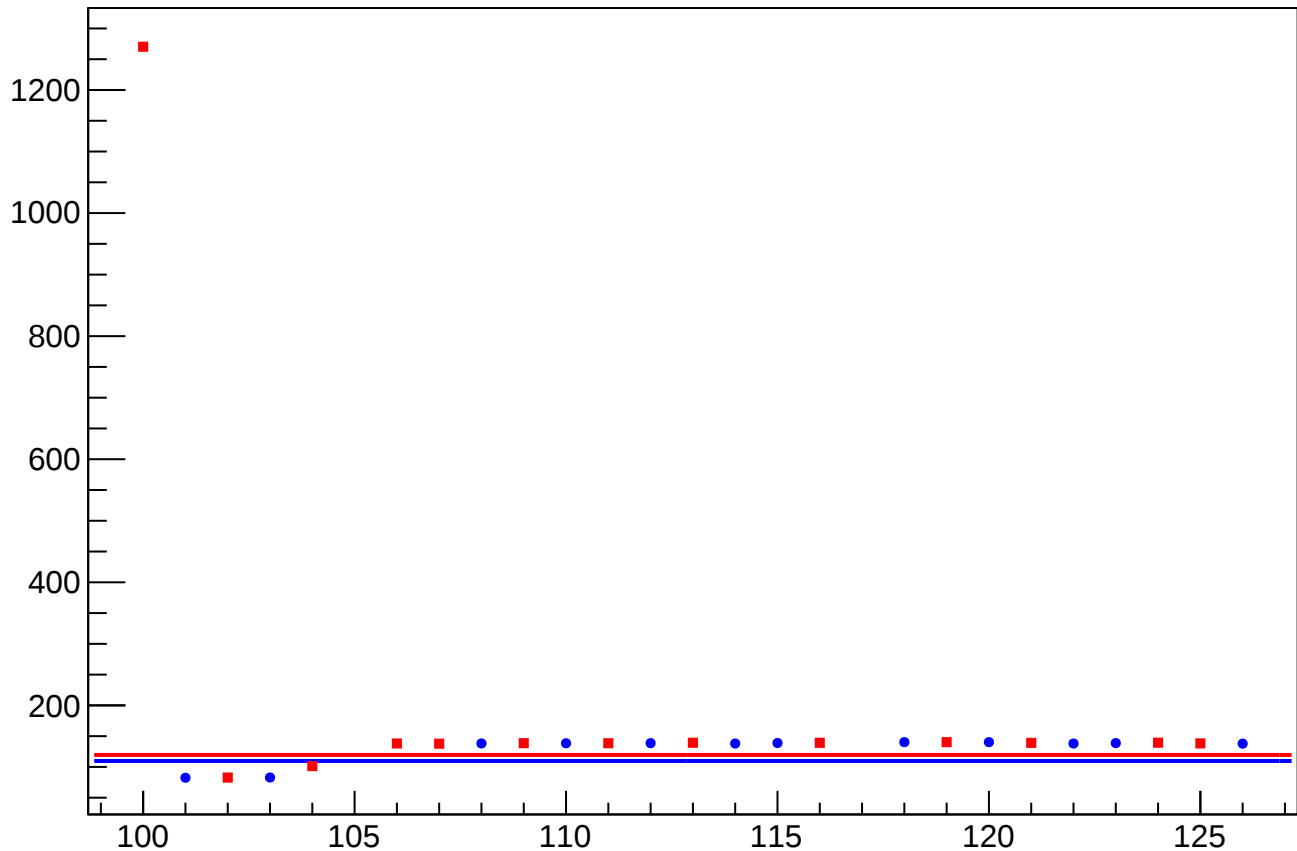
Right: -25.154+/-39.416 χ^2/NDF : 18.7/24

In: -42.850+/-55.303 χ^2/NDF : 9.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.154+/-39.416 χ^2/NDF : 18.7/24

reg_asym_dsr_rms vs Slug, Sign Corrected



Right In: 109.701+/-0.039 χ^2/NDF : 515254.9/11

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

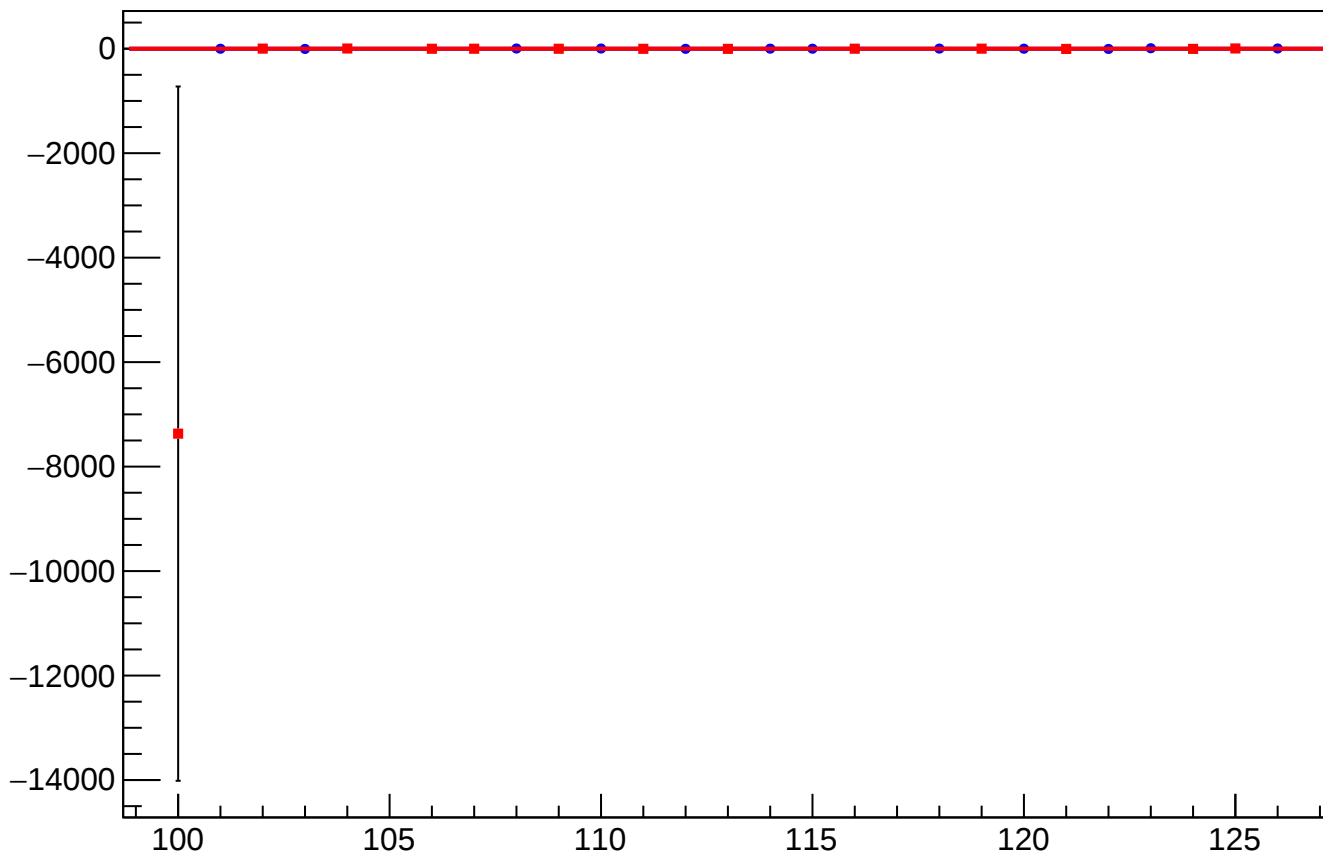
Right: 114.513+/-0.028 χ^2/NDF : 1052401.8/24

In: 109.701+/-0.039 χ^2/NDF : 515254.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.513+/-0.028 χ^2/NDF : 1052401.8/24

asym_dsr_correction_mean vs Slug, Sign Corrected



Right In: -0.833+/-0.958 χ^2/NDF : 10.0/11

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

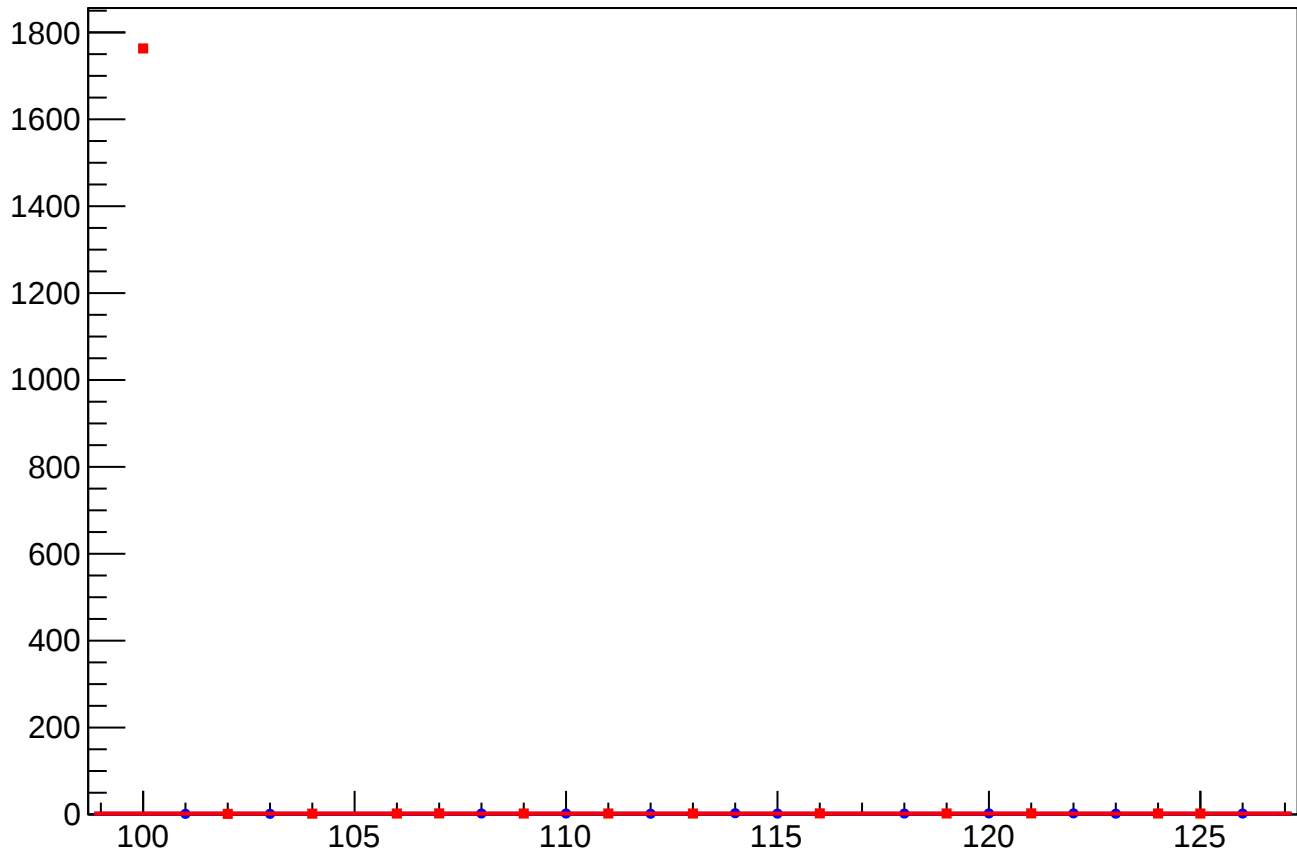
Right: -0.362+/-0.693 χ^2/NDF : 18.1/24

In: -0.833+/-0.958 χ^2/NDF : 10.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.362+/-0.693 χ^2/NDF : 18.1/24

asym_dsr_correction_rms vs Slug, Sign Corrected



Right In: 1.767 $\pm$ 0.001 χ^2 /NDF: 345306.0/11

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

Right Out: 1.987 $\pm$ 0.001 χ^2 /NDF: 452510.5/12

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

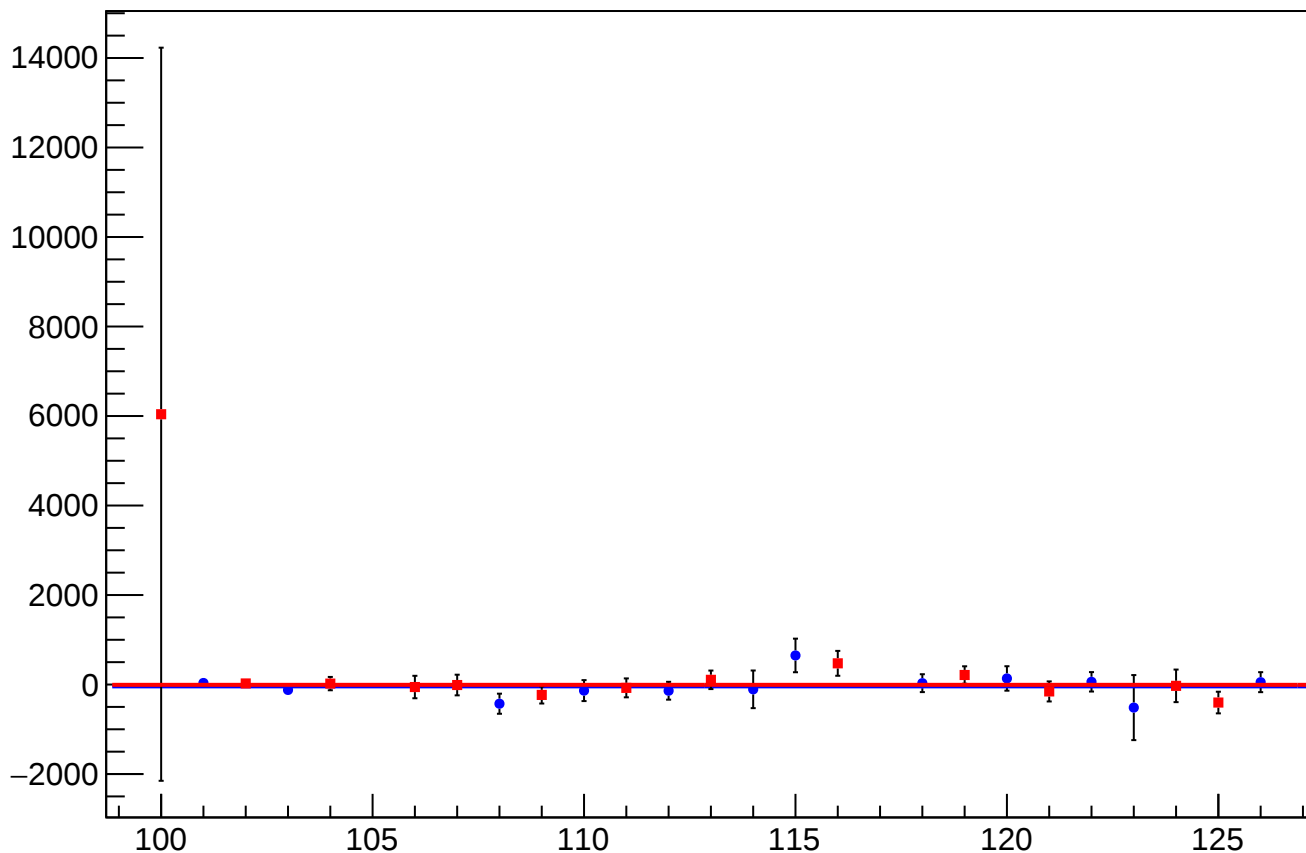
Right: 1.872 $\pm$ 0.000 χ^2 /NDF: 848001.2/24

In: 1.767 $\pm$ 0.001 χ^2 /NDF:345306.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.872 $\pm$ 0.000 χ^2 /NDF: 848001.2/24

asym_dsr_mean vs Slug, Sign Corrected



Right In: -41.069+/-55.317 χ^2/NDF : 9.2/11

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

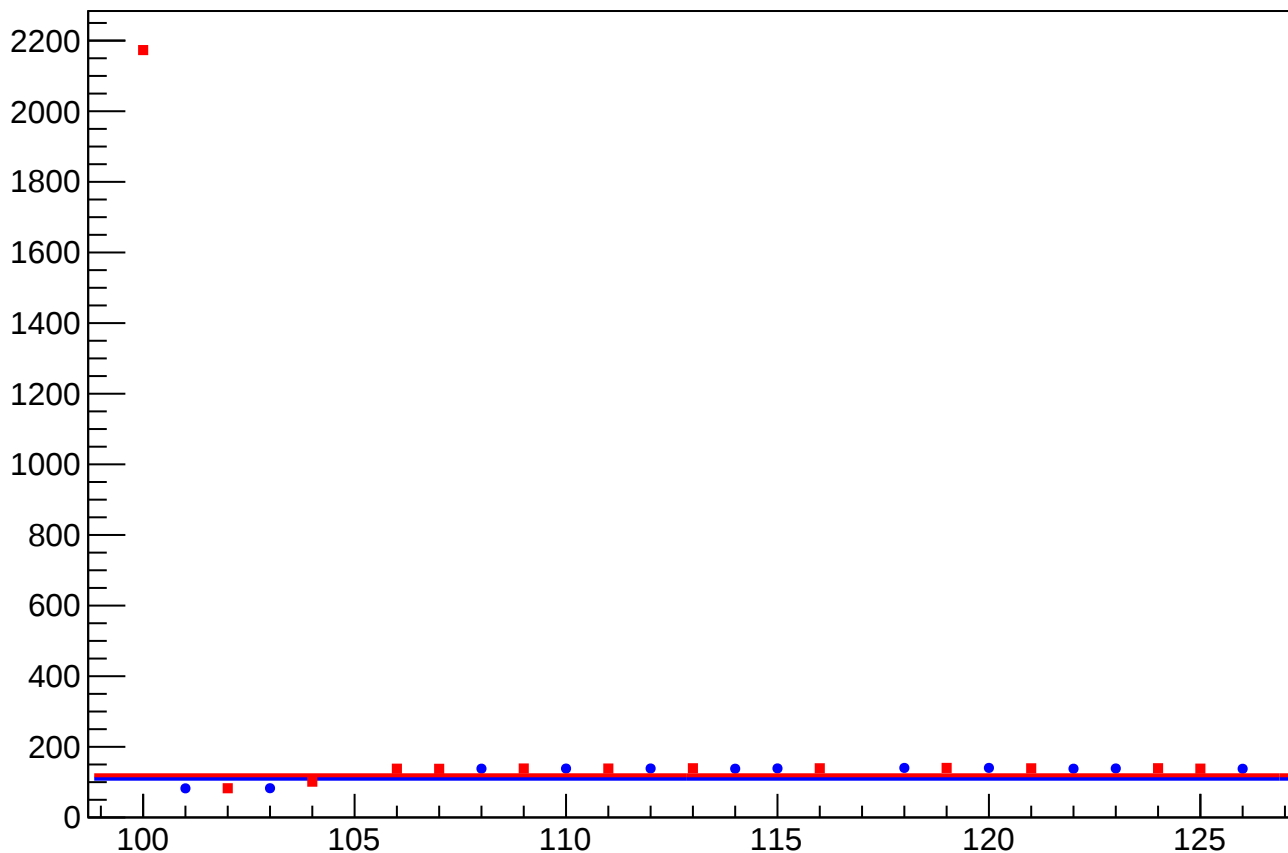
Right: -24.019+/-39.427 χ^2/NDF : 19.2/24

In: -41.069+/-55.317 χ^2/NDF : 9.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.019+/-39.427 χ^2/NDF : 19.2/24

asym_dsr_rms vs Slug, Sign Corrected



Right In: 109.730+/-0.039 χ^2/NDF : 515240.5/11

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

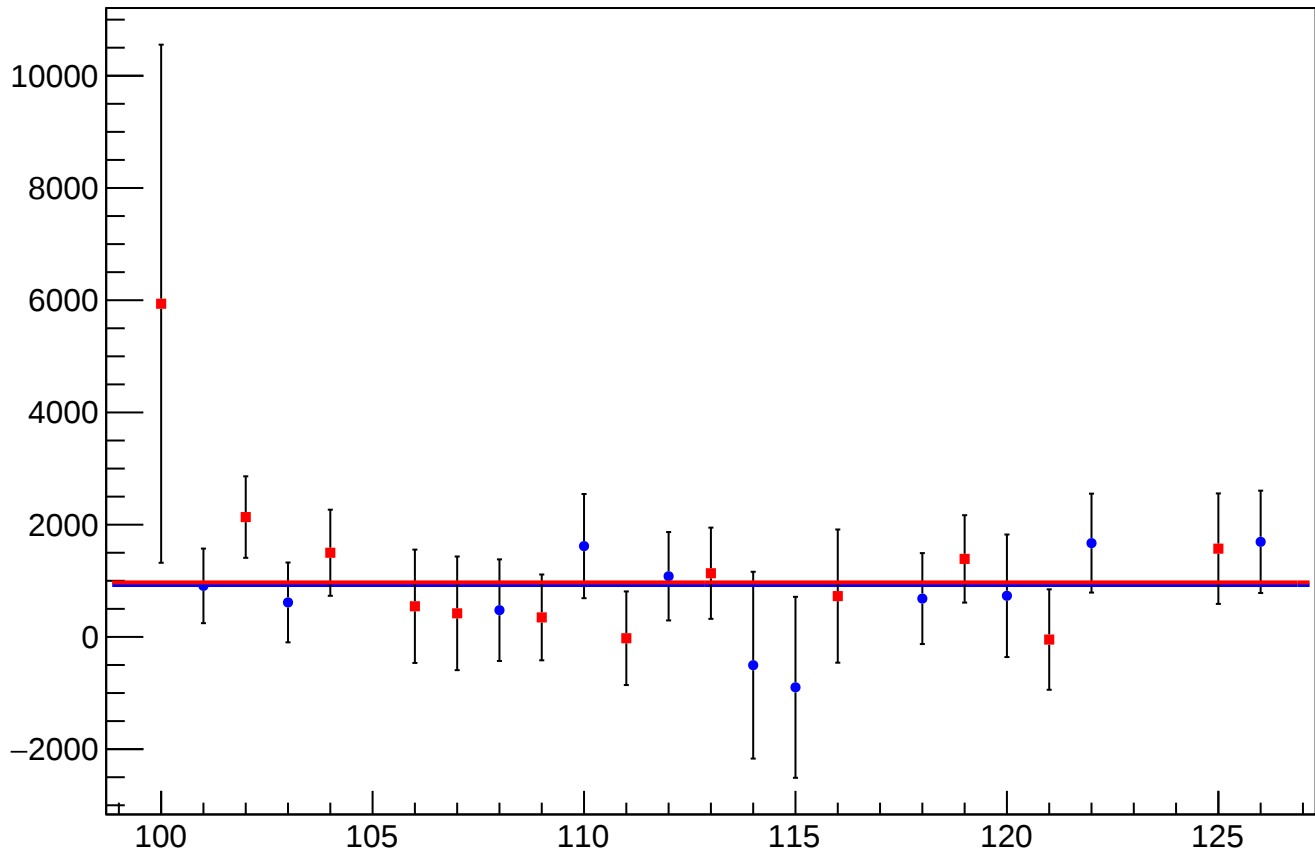
Right: 114.512+/-0.028 χ^2/NDF : 1062169.3/24

In: 109.730+/-0.039 χ^2/NDF : 515240.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.512+/-0.028 χ^2/NDF : 1062169.3/24

reg_asym_left_avg_mean vs Slug, Sign Corrected



Right In: 925.200+/-268.891 χ^2/NDF : 4.6/10

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

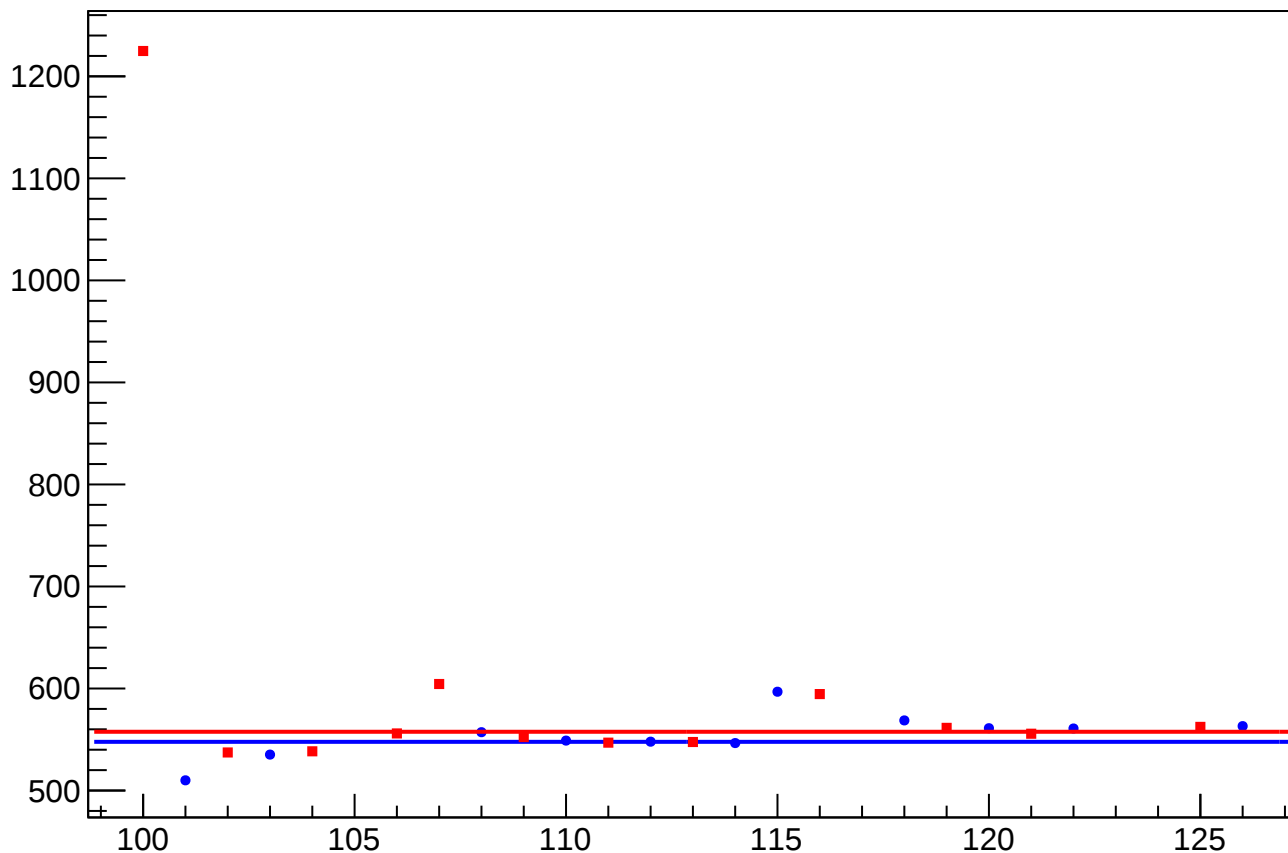
Right: 949.258+/-186.571 χ^2/NDF : 13.4/22

In: 925.200+/-268.891 χ^2/NDF : 4.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 949.258+/-186.571 χ^2/NDF : 13.4/22

reg_asym_left_avg_rms vs Slug, Sign Corrected



Right In: 547.735+/-0.190 χ^2/NDF : 11789.1/10

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

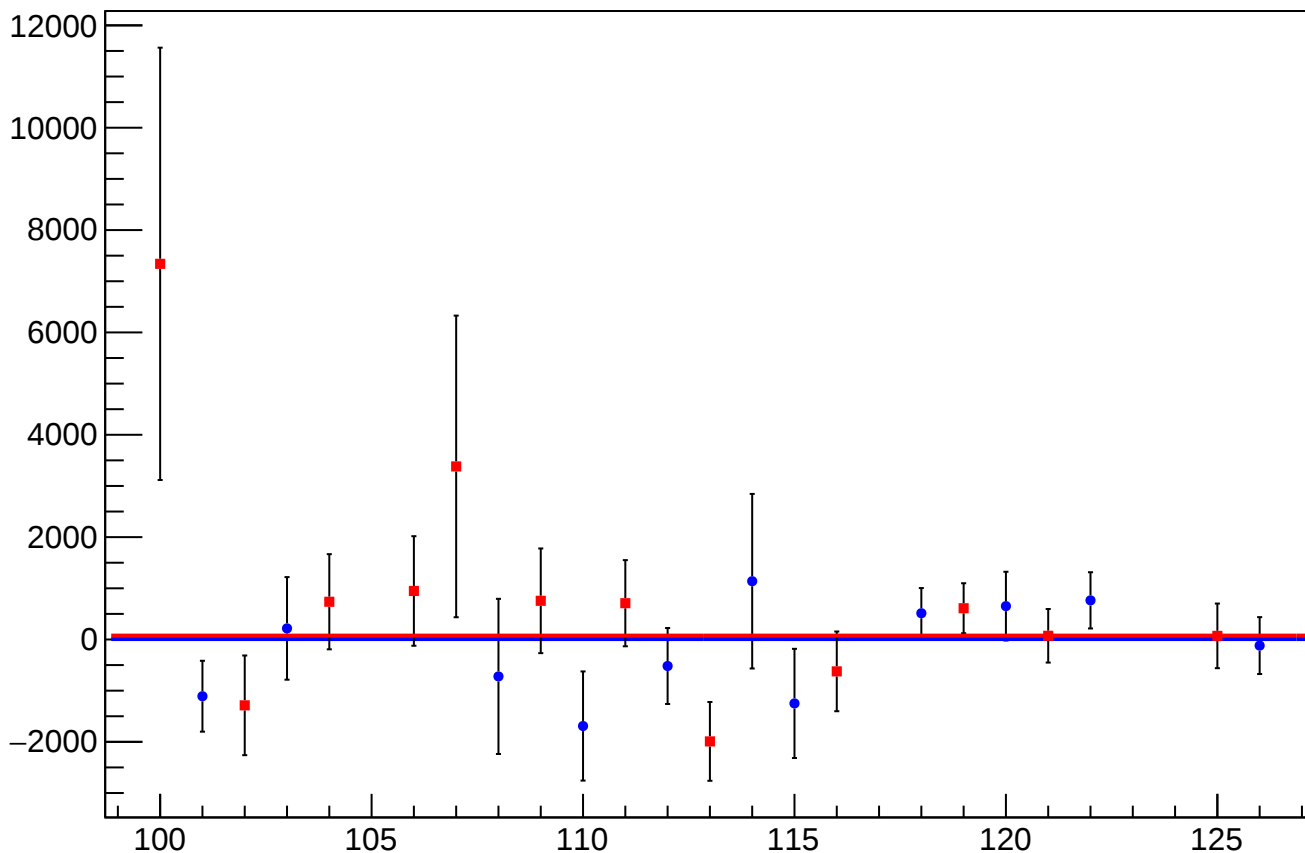
Right: 552.850+/-0.132 χ^2/NDF : 64823.0/22

In: 547.735+/-0.190 χ^2/NDF : 11789.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 552.850+/-0.132 χ^2/NDF : 64823.0/22

asym_left_avg_correction_mean vs Slug, Sign Corrected



Right In: 8.523+/-221.757 χ^2/NDF : 11.7/10

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

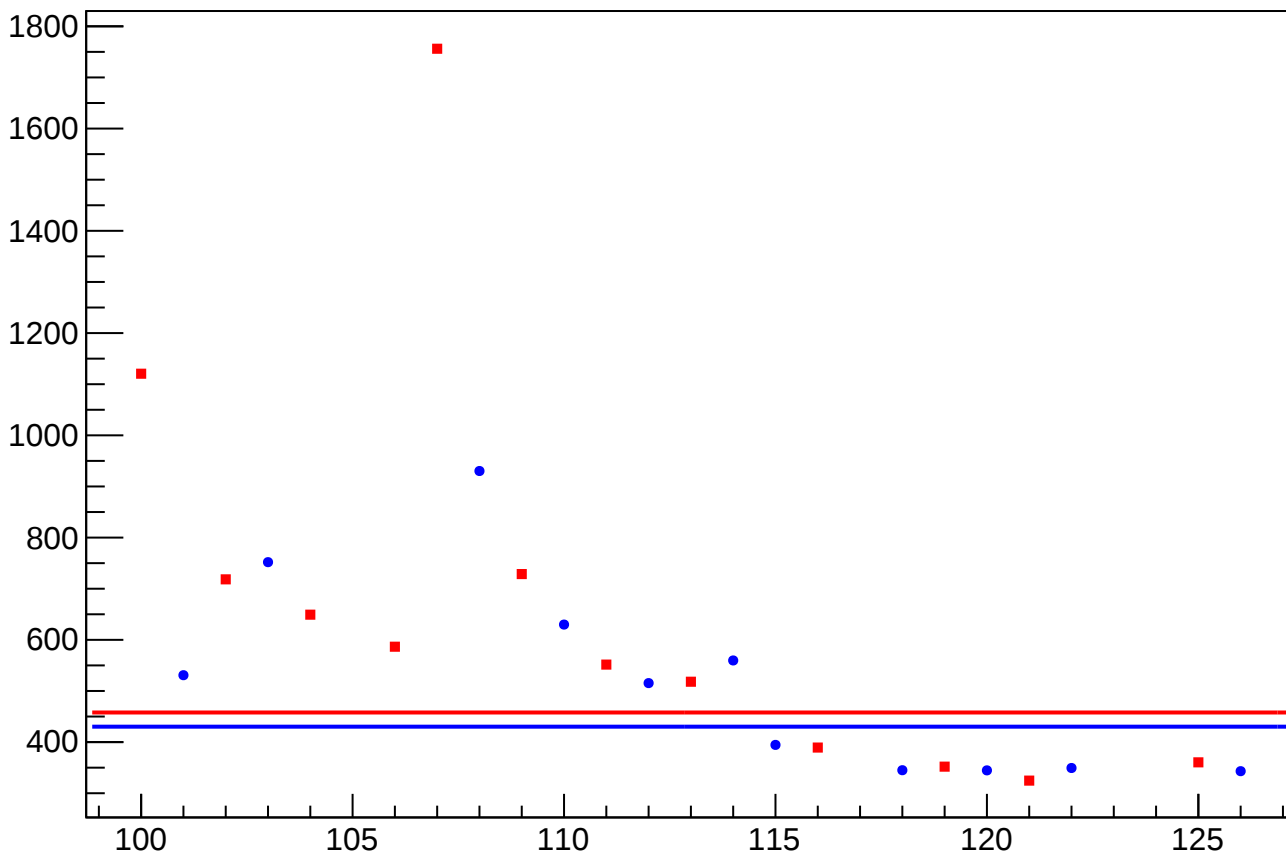
Right: 41.247+/-158.828 χ^2/NDF : 29.3/22

In: 8.523+/-221.757 χ^2/NDF : 11.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.247+/-158.828 χ^2/NDF : 29.3/22

asym_left_avg_correction_rms vs Slug, Sign Corrected



Right In: 430.184+/-0.157 χ^2/NDF : 760942.6/10

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

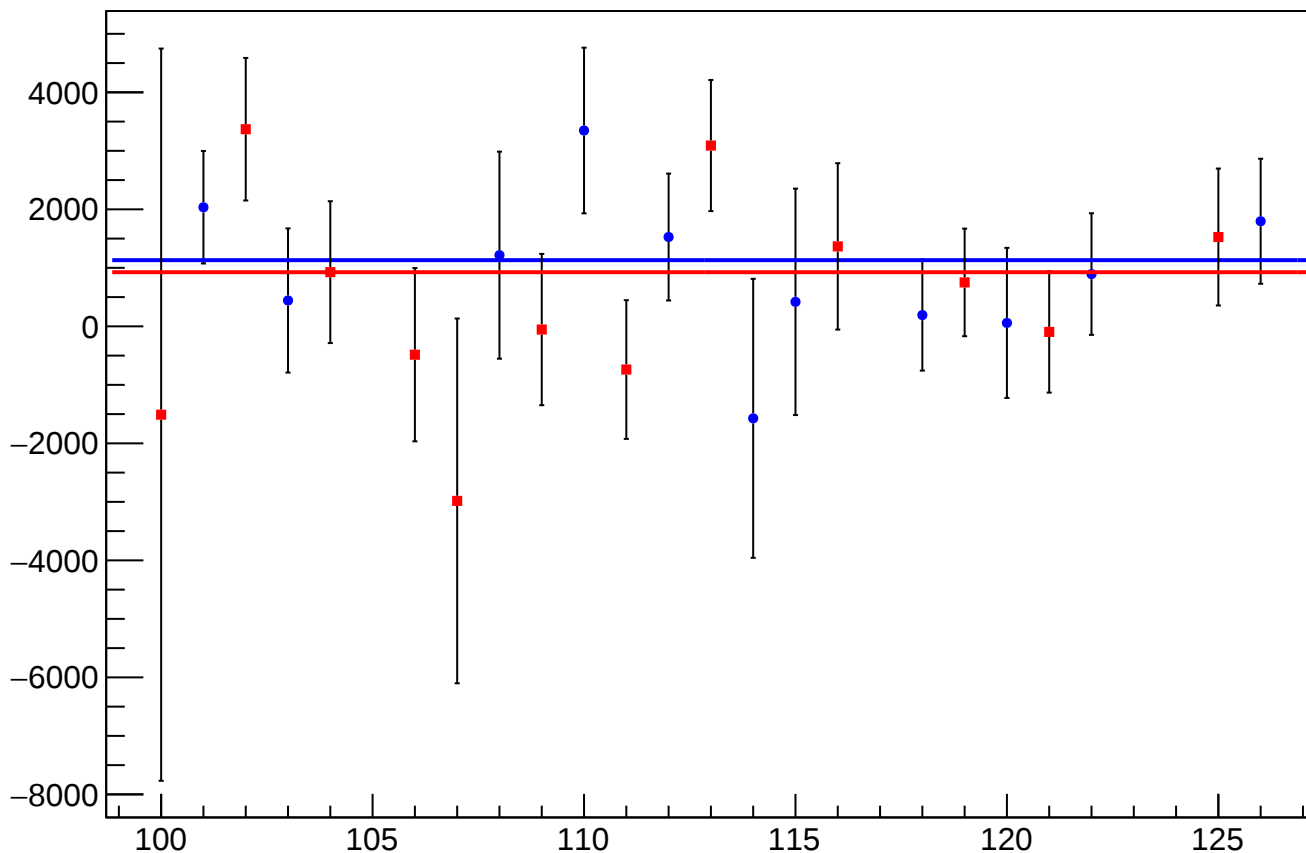
Right: 443.687+/-0.112 χ^2/NDF : 1934119.4/22

In: 430.184+/-0.157 χ^2/NDF : 760942.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.687+/-0.112 χ^2/NDF : 1934119.4/22

asym_left_avg_mean vs Slug, Sign Corrected



Right In: 1131.139+/-368.315 χ^2/NDF : 7.3/10

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

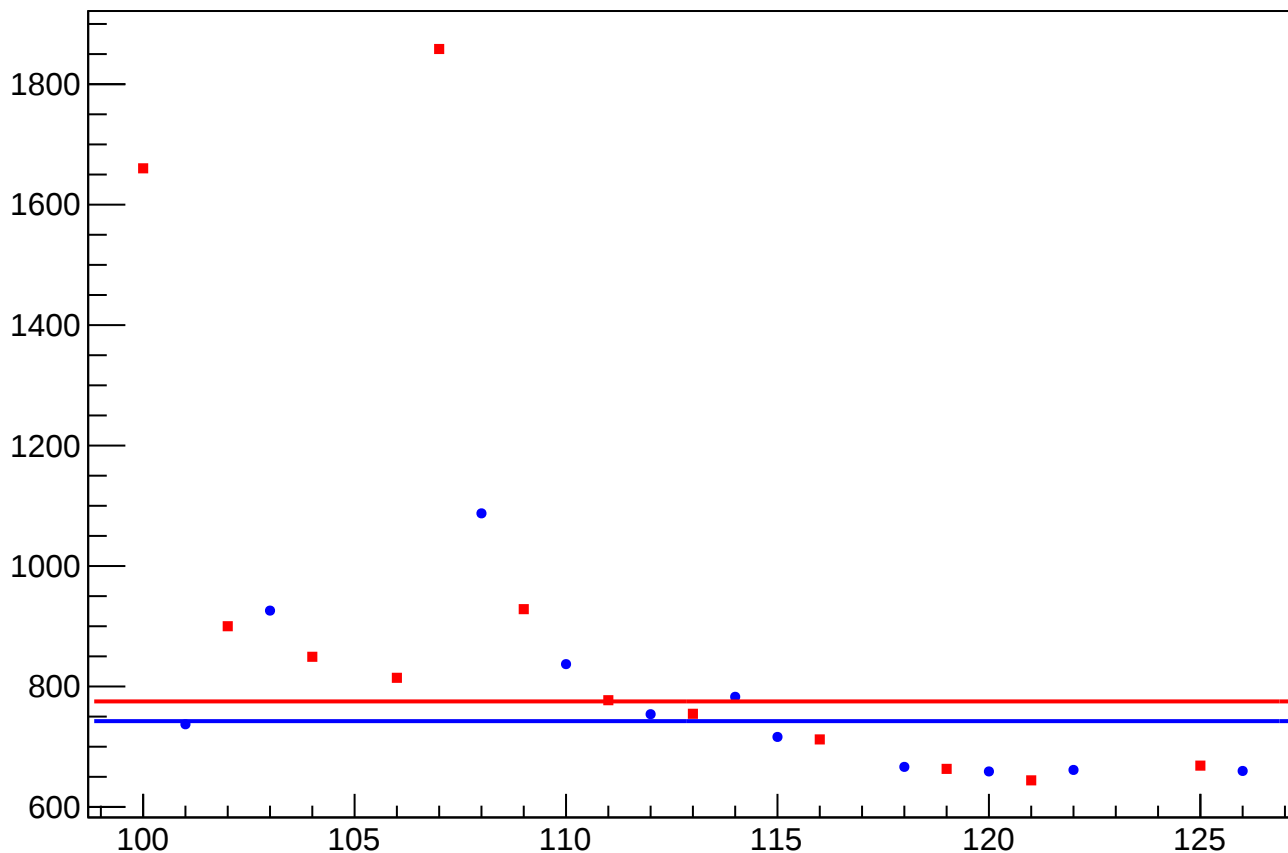
Right: 1028.083+/-260.359 χ^2/NDF : 21.8/22

In: 1131.139+/-368.315 χ^2/NDF : 7.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1028.083+/-260.359 χ^2/NDF : 21.8/22

asym_left_avg_rms vs Slug, Sign Corrected



Right In: 742.467+/-0.260 χ^2/NDF : 175937.2/10

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

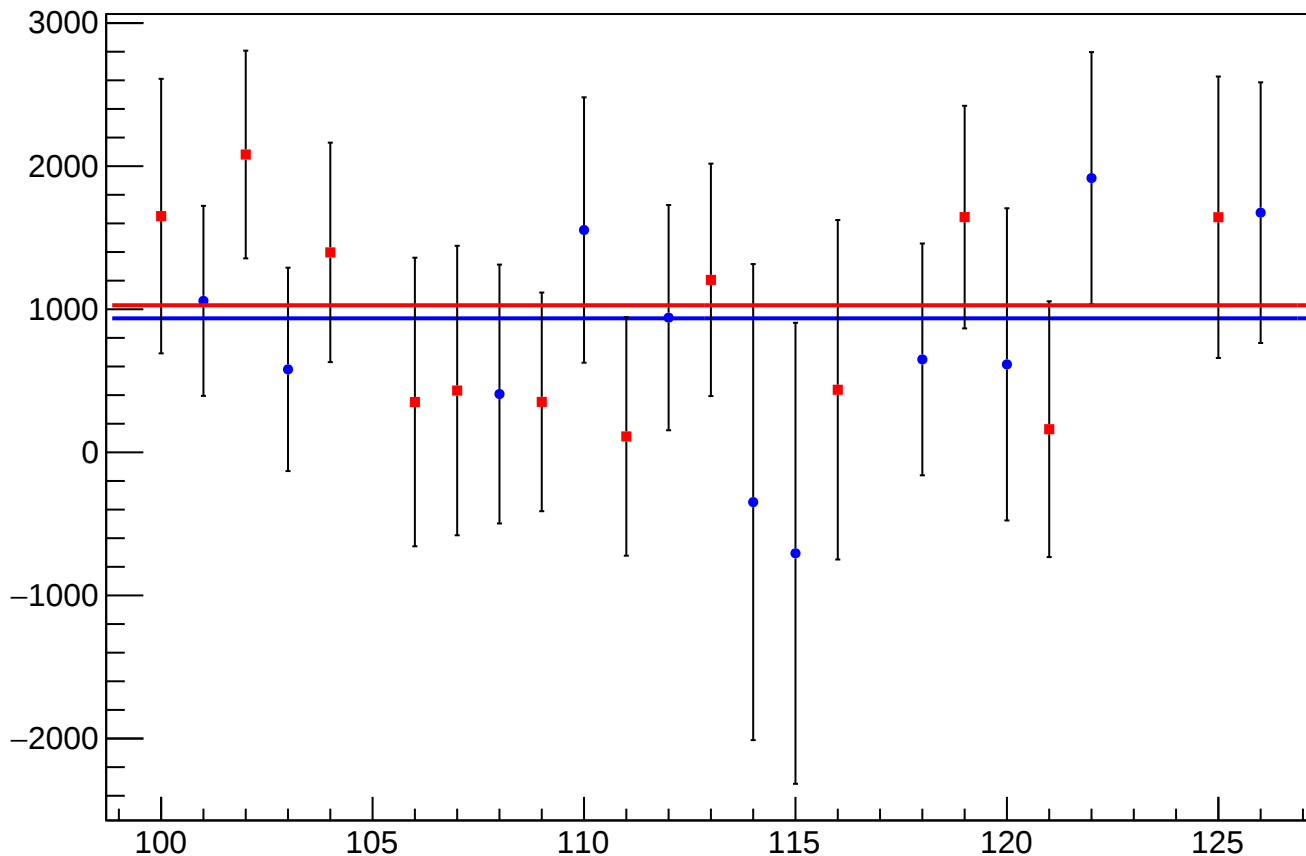
Right: 758.847+/-0.184 χ^2/NDF : 606046.8/22

In: 742.467+/-0.260 χ^2/NDF : 175937.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 758.847+/-0.184 χ^2/NDF : 606046.8/22

reg_asym_left_dd_mean vs Slug, Sign Corrected



Right In: 936.593 $\pm$ 268.671 χ^2 /NDF: 4.8/10

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

Right Out: 1028.071 $\pm$ 250.302 χ^2 /NDF: 7.8/11

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

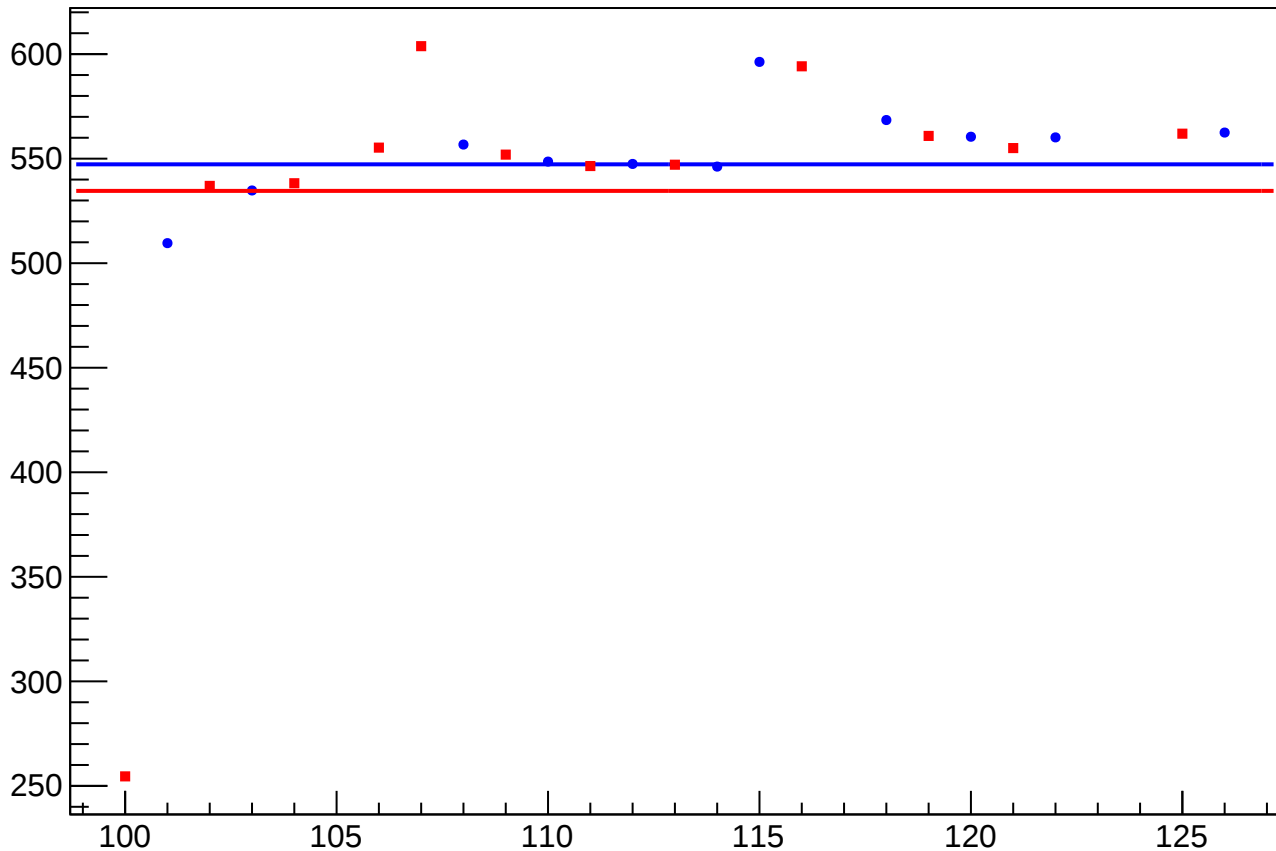
Right: 985.566 $\pm$ 183.140 χ^2 /NDF: 12.7/22

In: 936.593 $\pm$ 268.671 χ^2 /NDF:4.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 985.566 $\pm$ 183.140 χ^2 /NDF: 12.7/22

reg_asym_left_dd_rms vs Slug, Sign Corrected



Right In: 547.287 $\pm$ 0.190 χ^2 /NDF: 11781.3/10

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

Right Out: 534.585 $\pm$ 0.177 χ^2 /NDF: 192509.6/11

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

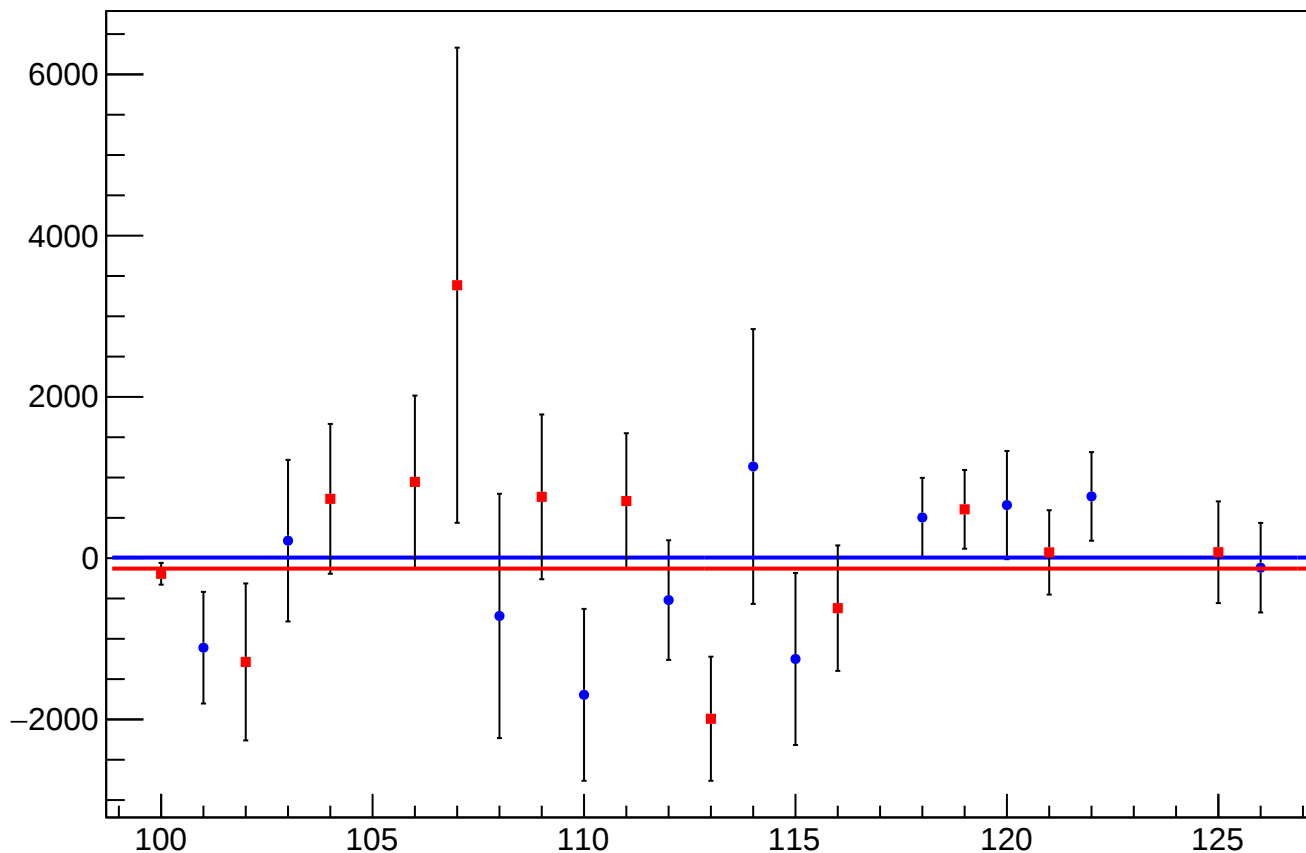
Right: 540.487 $\pm$ 0.129 χ^2 /NDF: 206684.1/22

In: 547.287 $\pm$ 0.190 χ^2 /NDF:11781.3/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 540.487 $\pm$ 0.129 χ^2 /NDF: 206684.1/22

asym_left_dd_correction_mean vs Slug, Sign Corrected



Right In: 7.542+/-221.670 χ^2/NDF : 11.7/10

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

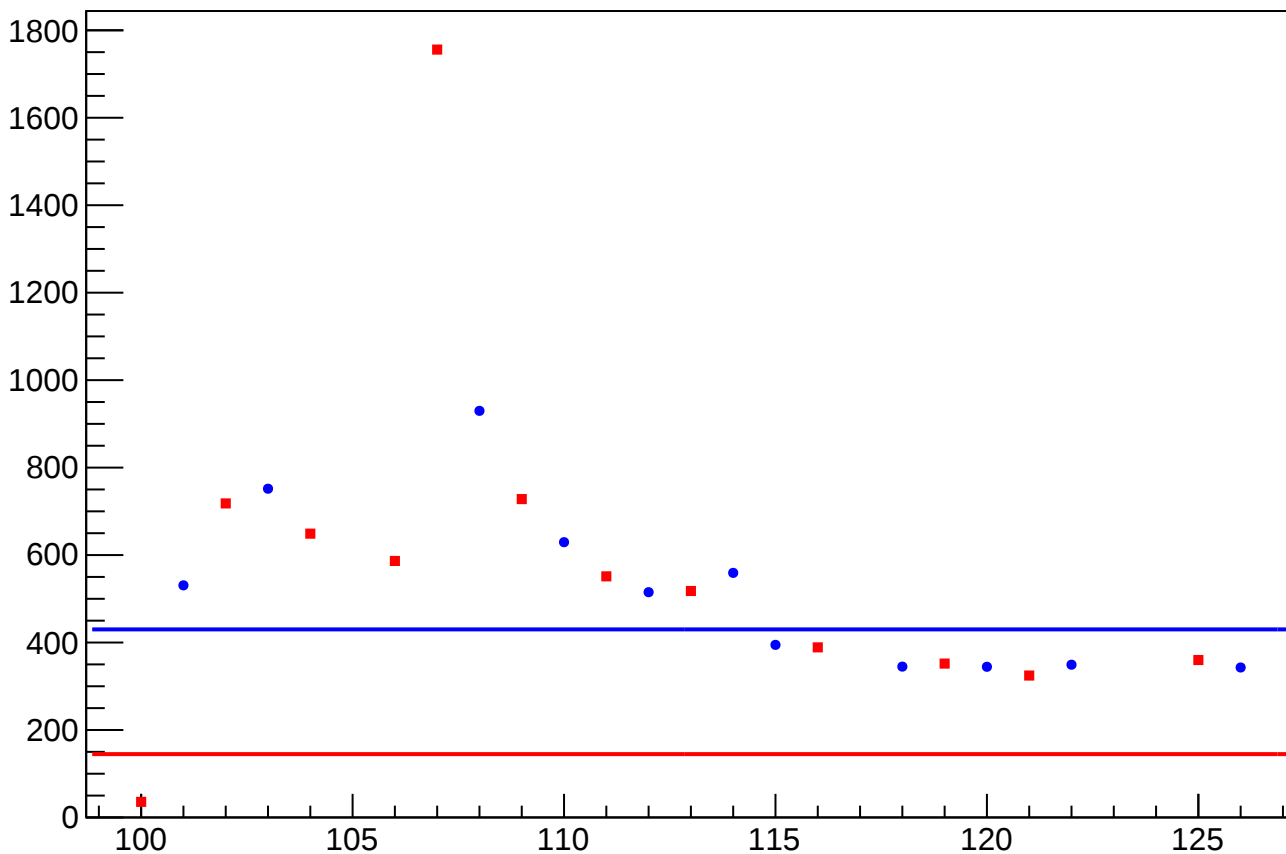
Right: -99.765+/-102.857 χ^2/NDF : 27.4/22

In: 7.542+/-221.670 χ^2/NDF : 11.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -99.765+/-102.857 χ^2/NDF : 27.4/22

asym_left_dd_correction_rms vs Slug, Sign Corrected



Right In: 430.021+/-0.157 χ^2/NDF : 760905.0/10

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

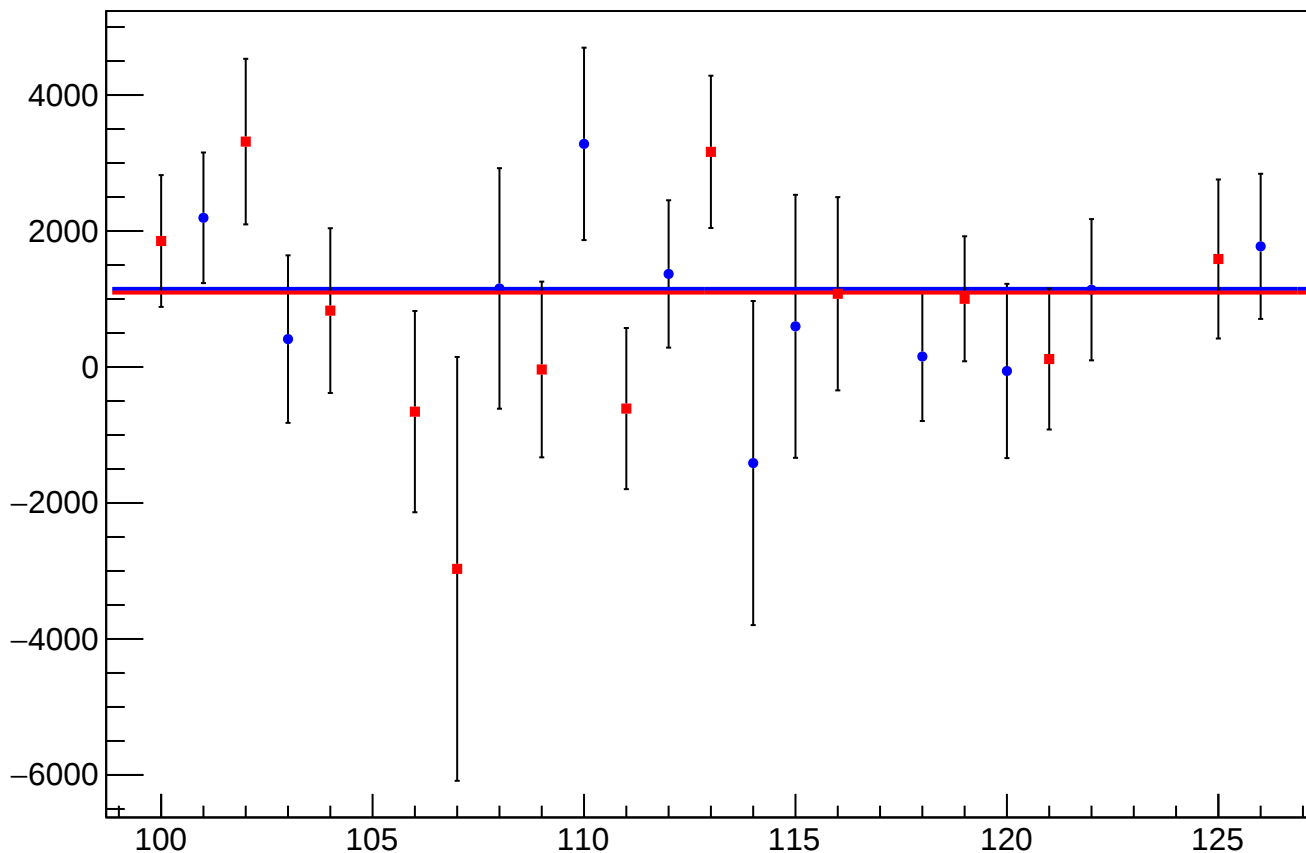
Right: 206.226+/-0.073 χ^2/NDF : 9500867.5/22

In: 430.021+/-0.157 χ^2/NDF : 760905.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.226+/-0.073 χ^2/NDF : 9500867.5/22

asym_left_dd_mean vs Slug, Sign Corrected



Right In: 1148.755+/-368.067 χ^2/NDF : 7.4/10

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

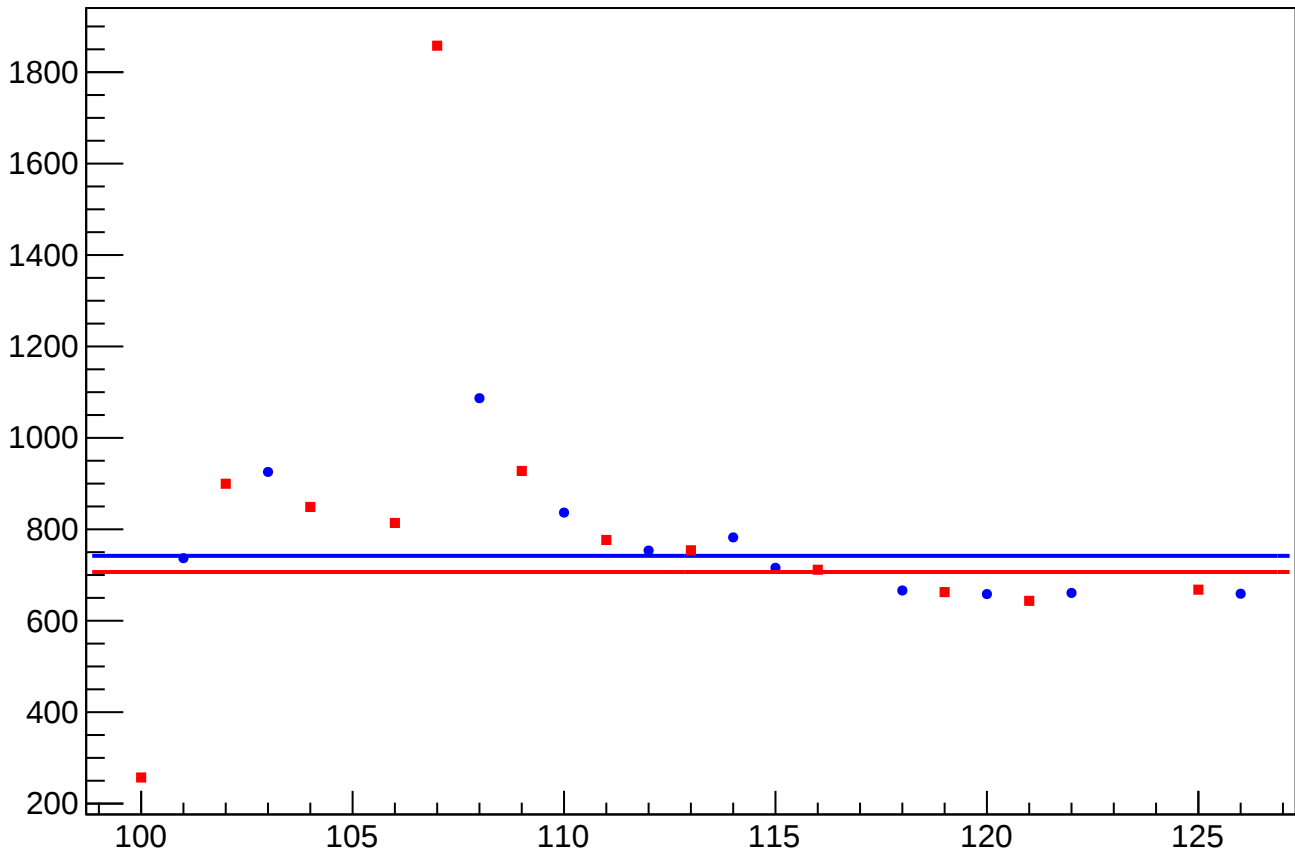
Right: 1119.729+/-251.483 χ^2/NDF : 21.9/22

In: 1148.755+/-368.067 χ^2/NDF : 7.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1119.729+/-251.483 χ^2/NDF : 21.9/22

asym_left_dd_rms vs Slug, Sign Corrected



Right In: 741.961+/-0.260 χ^2/NDF : 176124.7/10

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

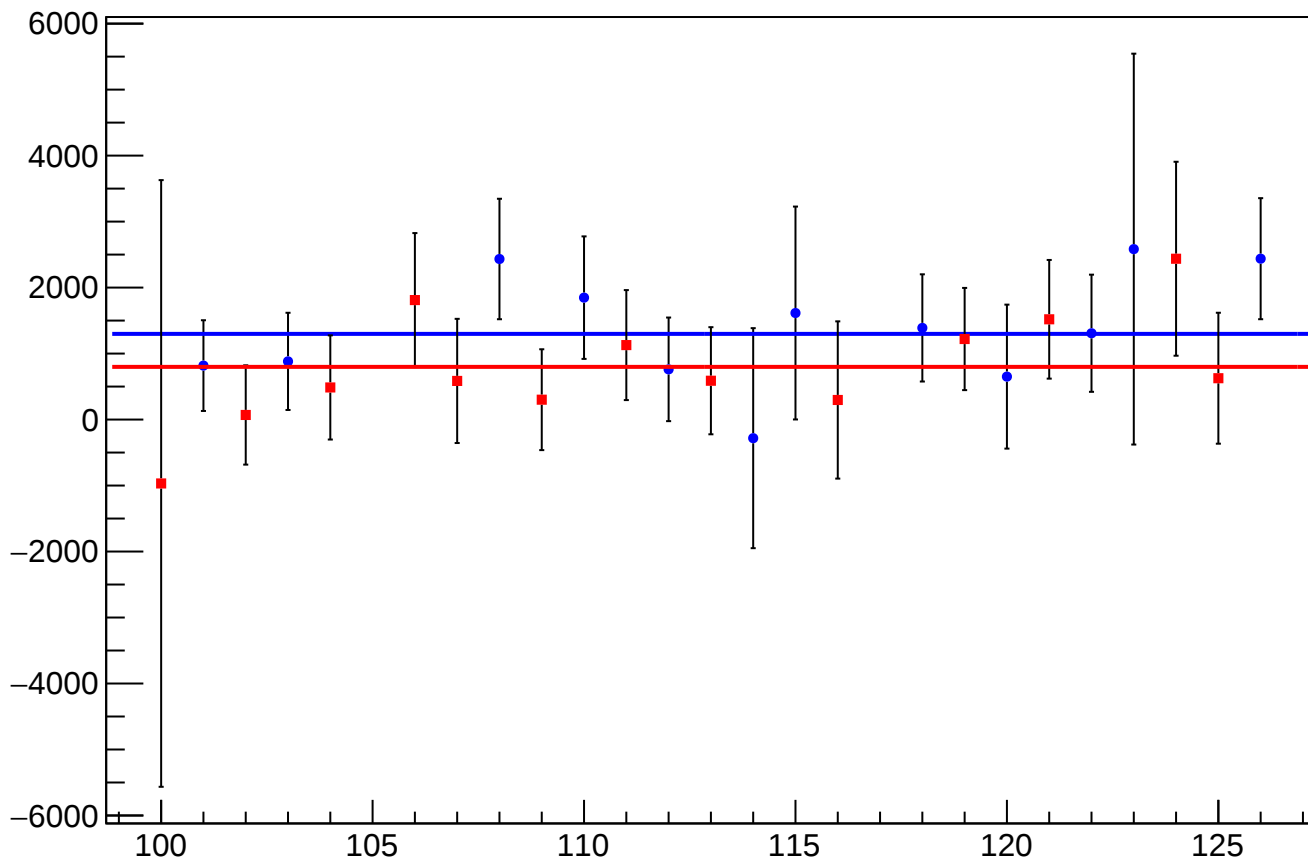
Right: 723.100+/-0.178 χ^2/NDF : 1060908.7/22

In: 741.961+/-0.260 χ^2/NDF : 176124.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 723.100+/-0.178 χ^2/NDF : 1060908.7/22

reg_asym_right_avg_mean vs Slug, Sign Corrected



Right In: 1298.431+/-271.017 χ^2/NDF : 6.2/11

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

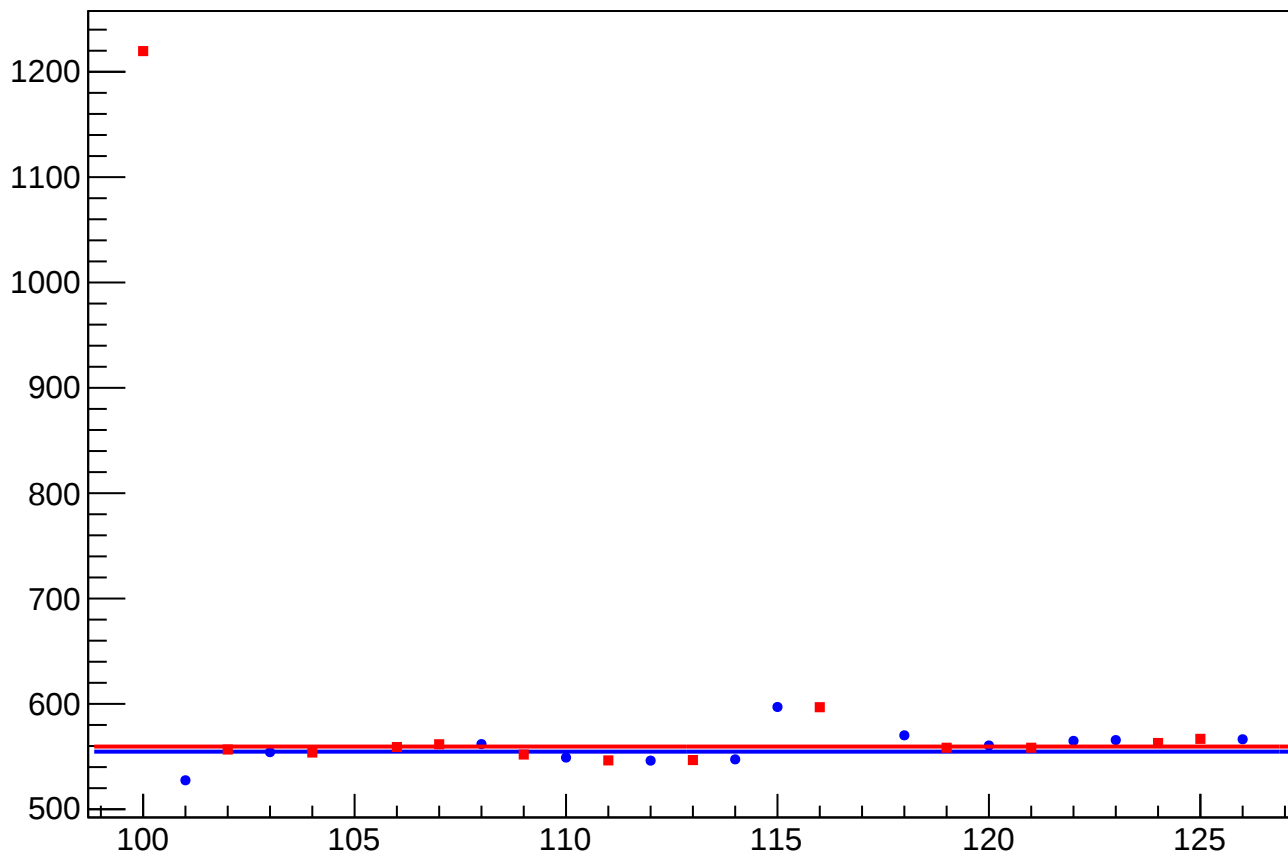
Right: 1034.064+/-186.044 χ^2/NDF : 13.3/24

In: 1298.431+/-271.017 χ^2/NDF : 6.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1034.064+/-186.044 χ^2/NDF : 13.3/24

reg_asym_right_avg_rms vs Slug, Sign Corrected



Right In: 554.672+/-0.192 χ^2/NDF : 6385.8/11

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

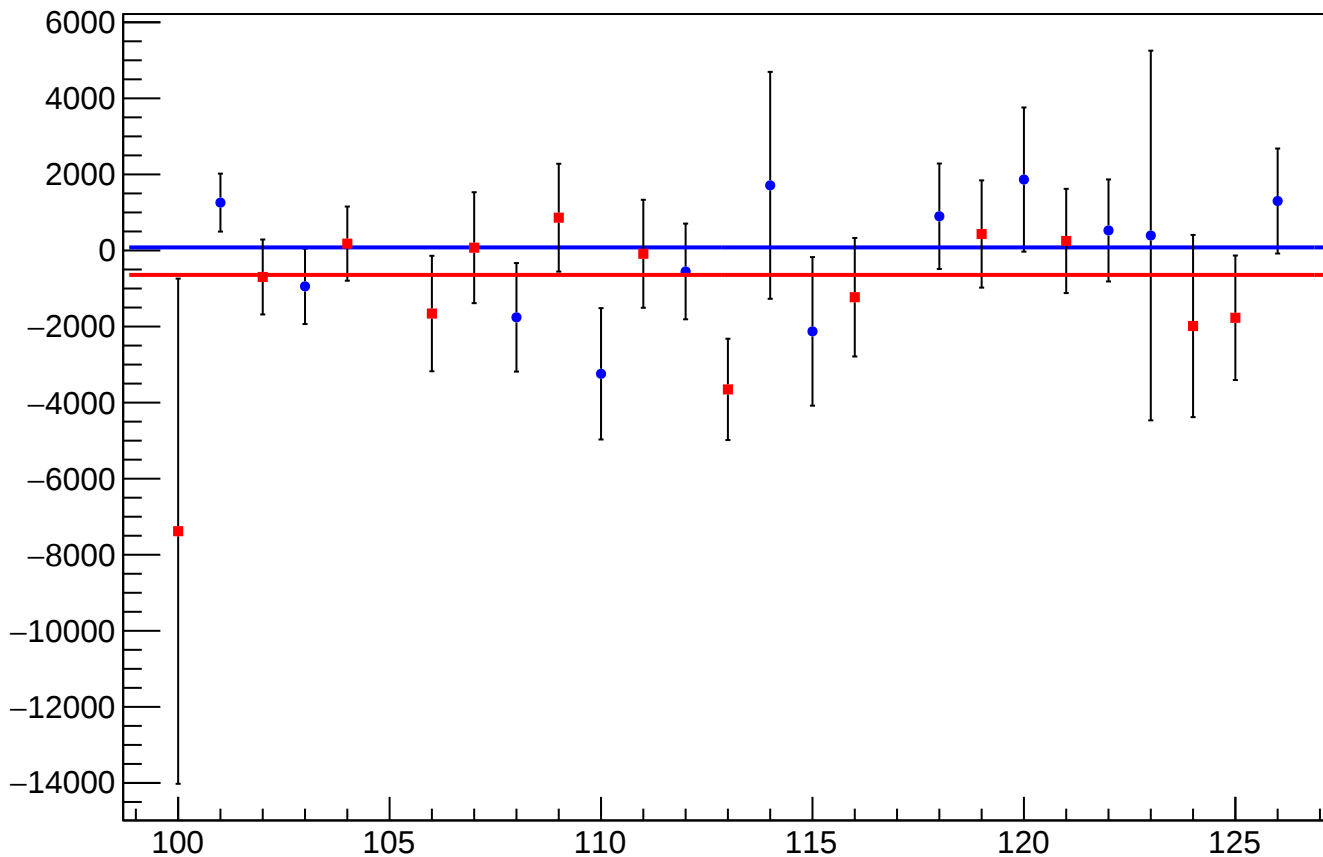
Right: 557.220+/-0.132 χ^2/NDF : 51391.5/24

In: 554.672+/-0.192 χ^2/NDF : 6385.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 557.220+/-0.132 χ^2/NDF : 51391.5/24

asym_right_avg_correction_mean vs Slug, Sign Corrected



Right In: 80.785+/-392.329 χ^2/NDF : 12.8/11

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

Right Out: -642.293+/-390.390 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

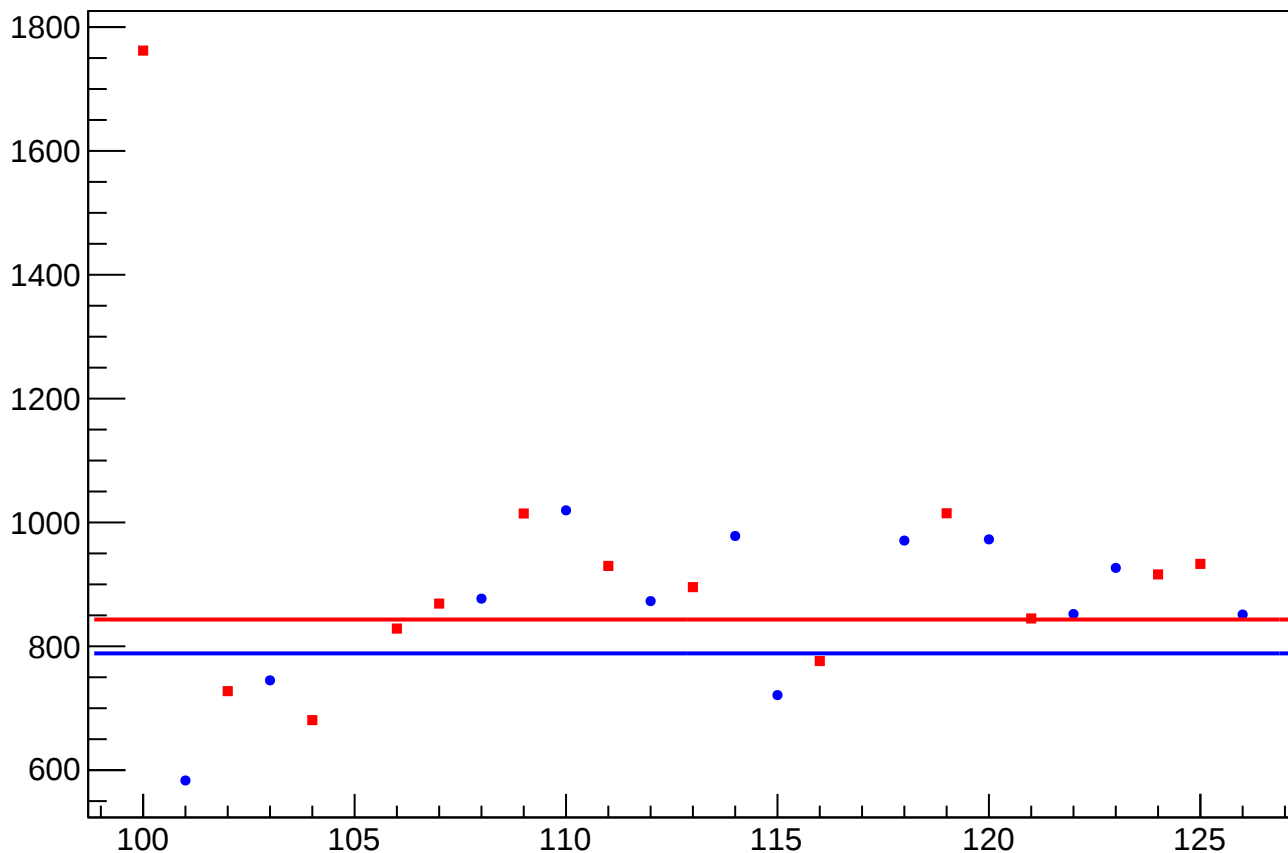
Right: -282.545+/-276.730 χ^2/NDF : 25.2/24

In: 80.785+/-392.329 χ^2/NDF : 12.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -282.545+/-276.730 χ^2/NDF : 25.2/24

asym_right_avg_correction_rms vs Slug, Sign Corrected



Right In: 788.571+/-0.277 χ^2/NDF : 275675.7/11

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

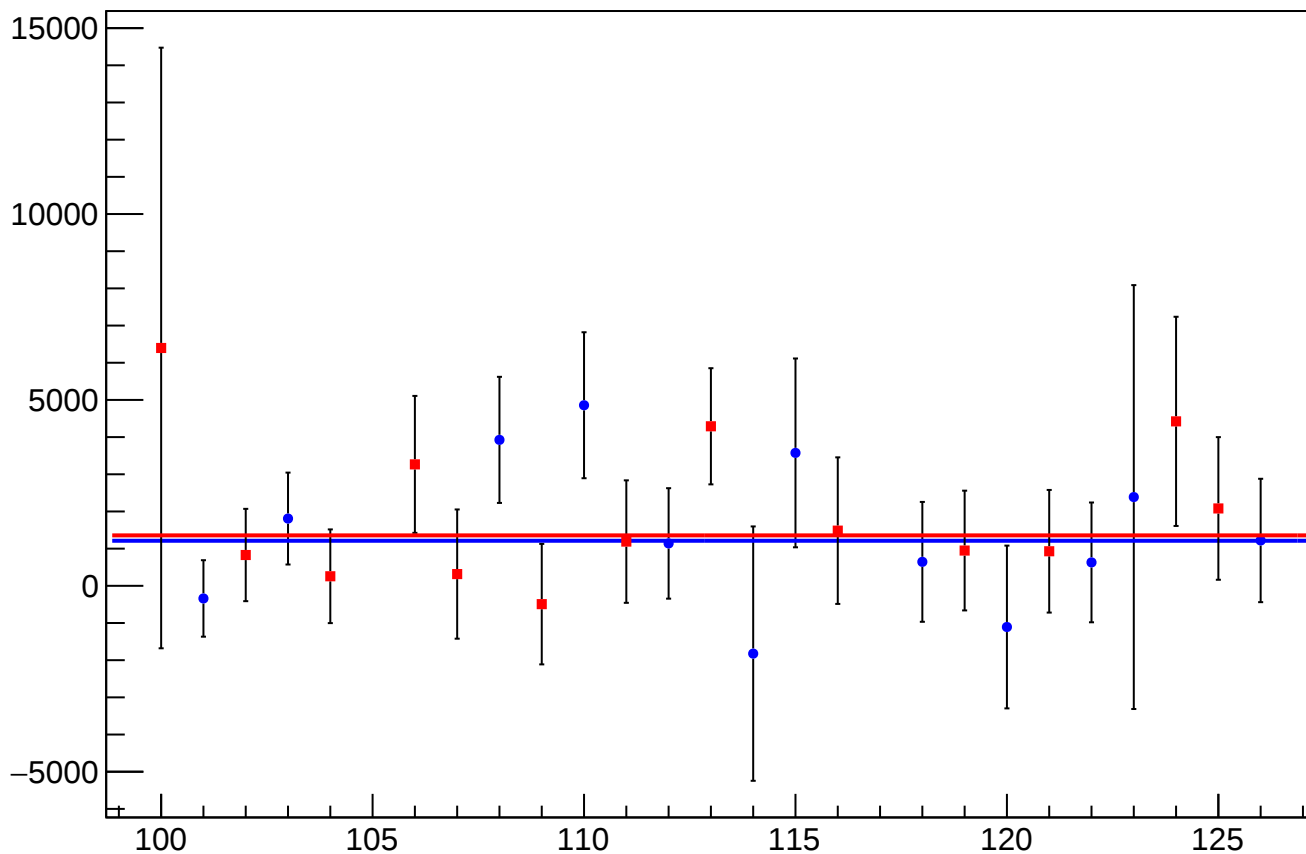
Right: 816.047+/-0.196 χ^2/NDF : 498279.6/24

In: 788.571+/-0.277 χ^2/NDF : 275675.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 816.047+/-0.196 χ^2/NDF : 498279.6/24

asym_right_avg_mean vs Slug, Sign Corrected



Right In: 1212.091+/-483.737 χ^2/NDF : 11.6/11

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

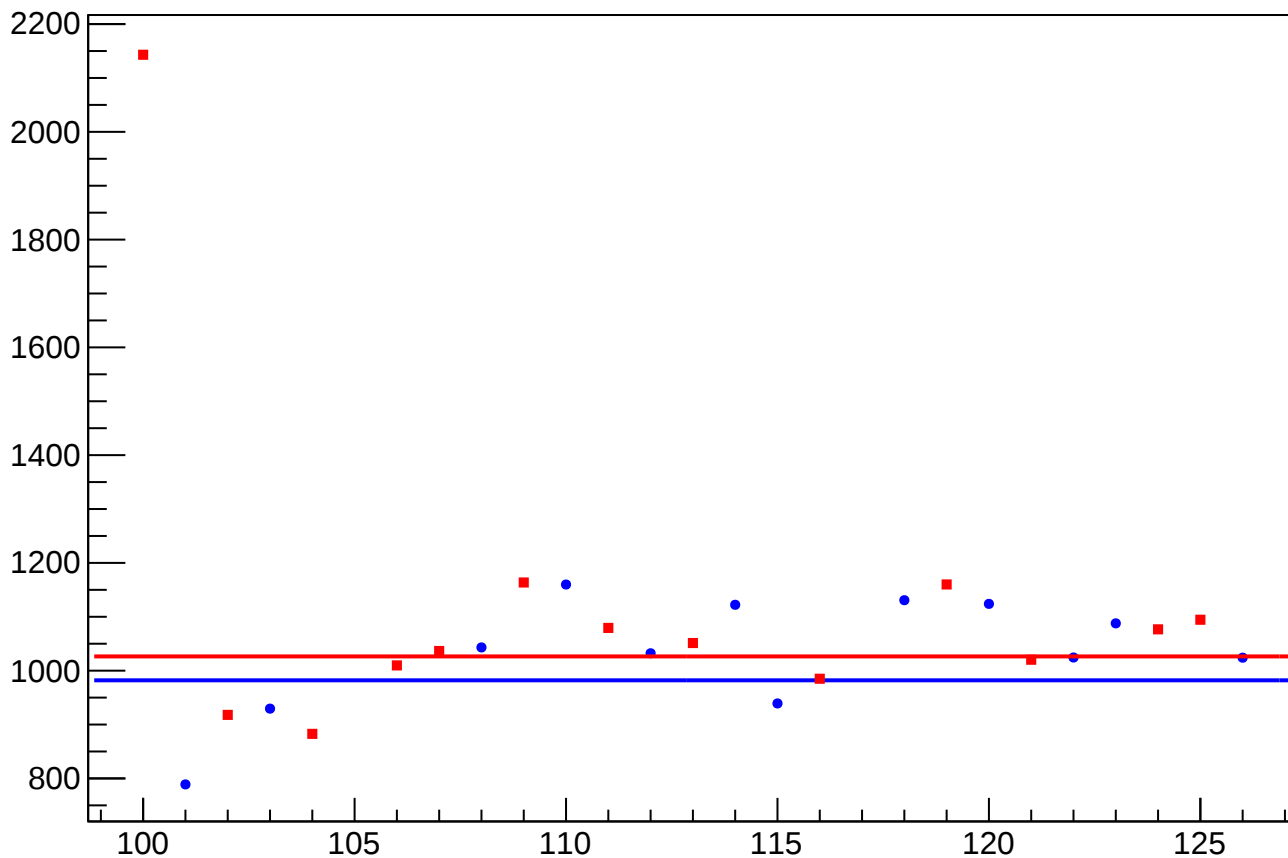
Right: 1286.175+/-337.847 χ^2/NDF : 20.7/24

In: 1212.091+/-483.737 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1286.175+/-337.847 χ^2/NDF : 20.7/24

asym_right_avg_rms vs Slug, Sign Corrected



Right In: 982.086+/-0.342 χ^2/NDF : 128139.3/11

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

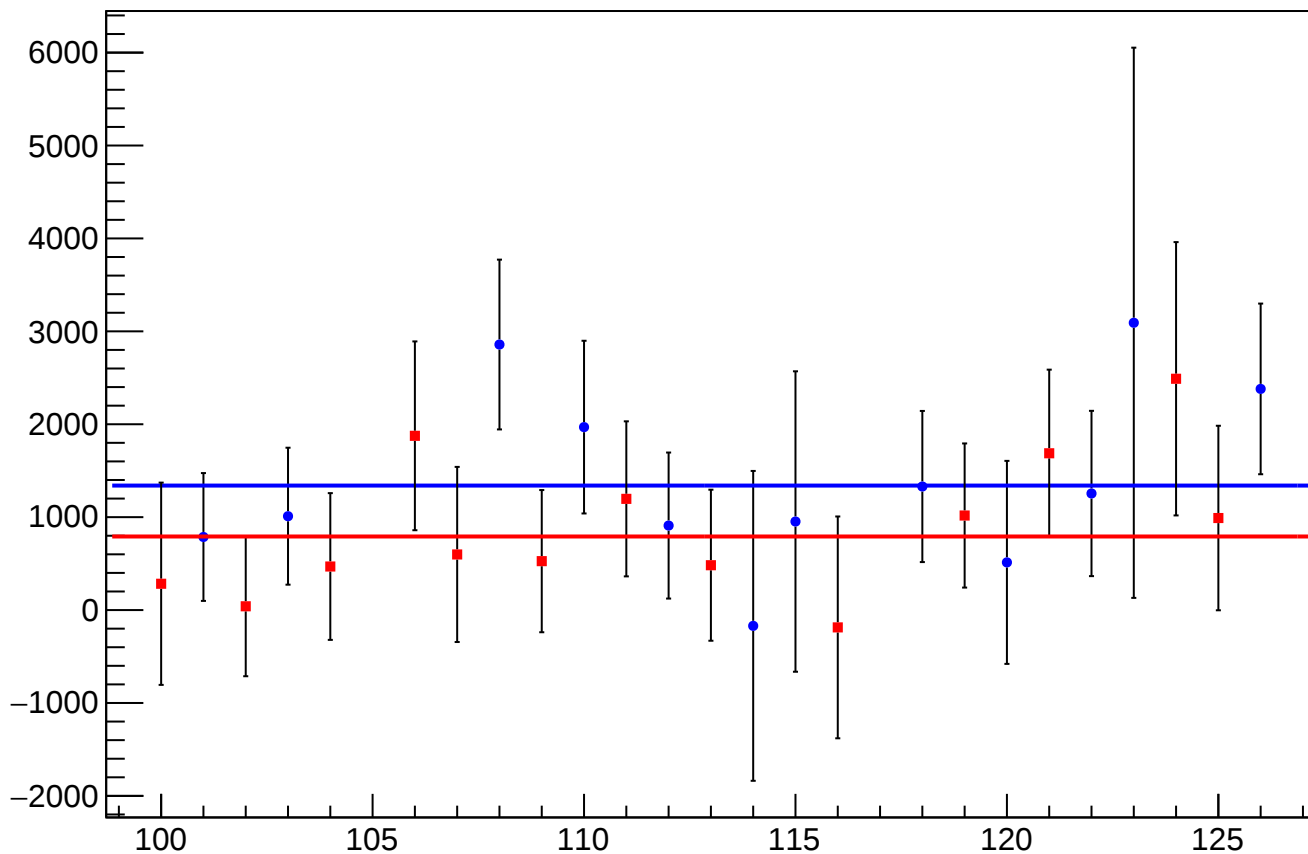
Right: 1004.804+/-0.239 χ^2/NDF : 251229.2/24

In: 982.086+/-0.342 χ^2/NDF : 128139.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1004.804+/-0.239 χ^2/NDF : 251229.2/24

reg_asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1339.992 $\pm$ 271.327 χ^2 /NDF: 7.5/11

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

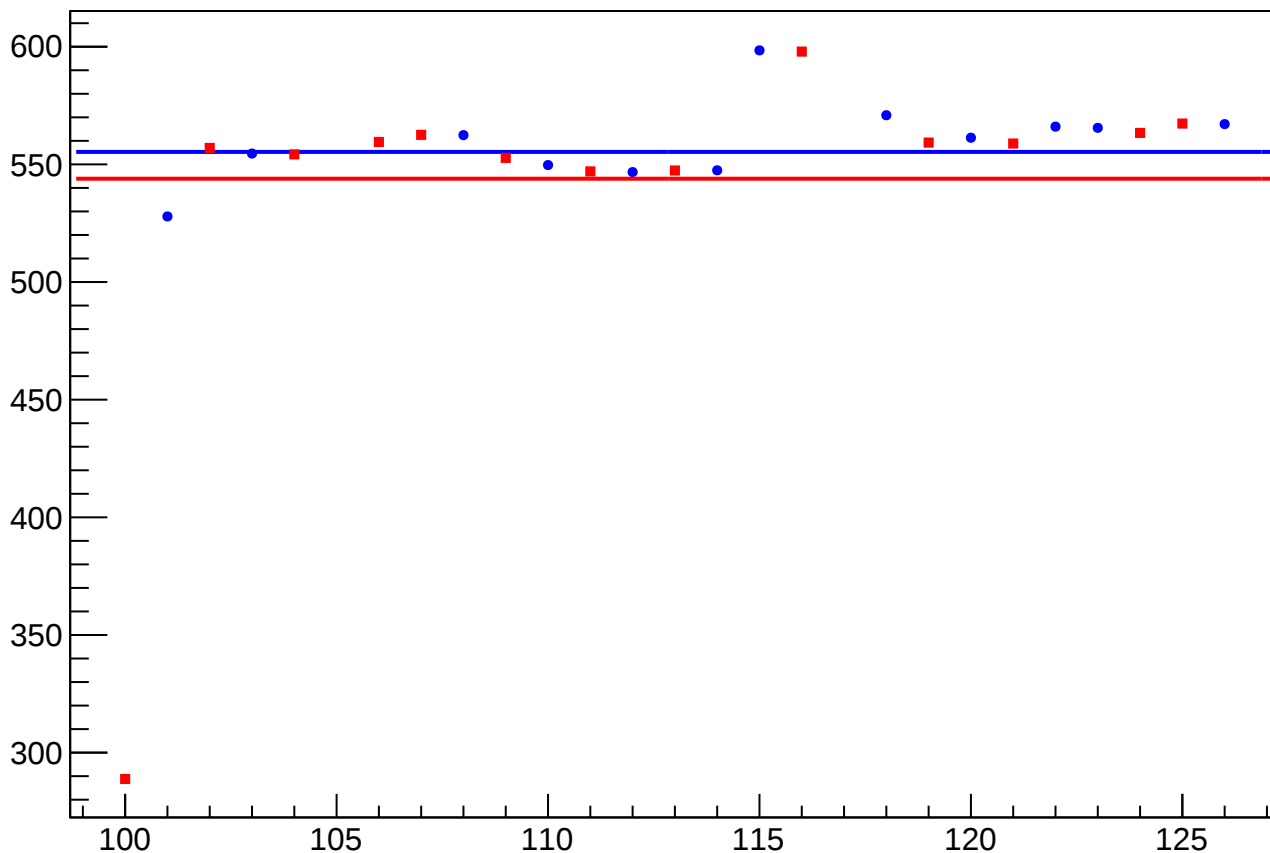
Right: 1043.242 $\pm$ 183.736 χ^2 /NDF: 15.8/24

In: 1339.992 $\pm$ 271.327 χ^2 /NDF: 7.5/11

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

All: 1043.242 $\pm$ 183.736 χ^2 /NDF: 15.8/24

reg_asym_right_dd_rms vs Slug, Sign Corrected



Right In: 555.301 $\pm$ 0.192 χ^2 /NDF: 6524.1/11

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

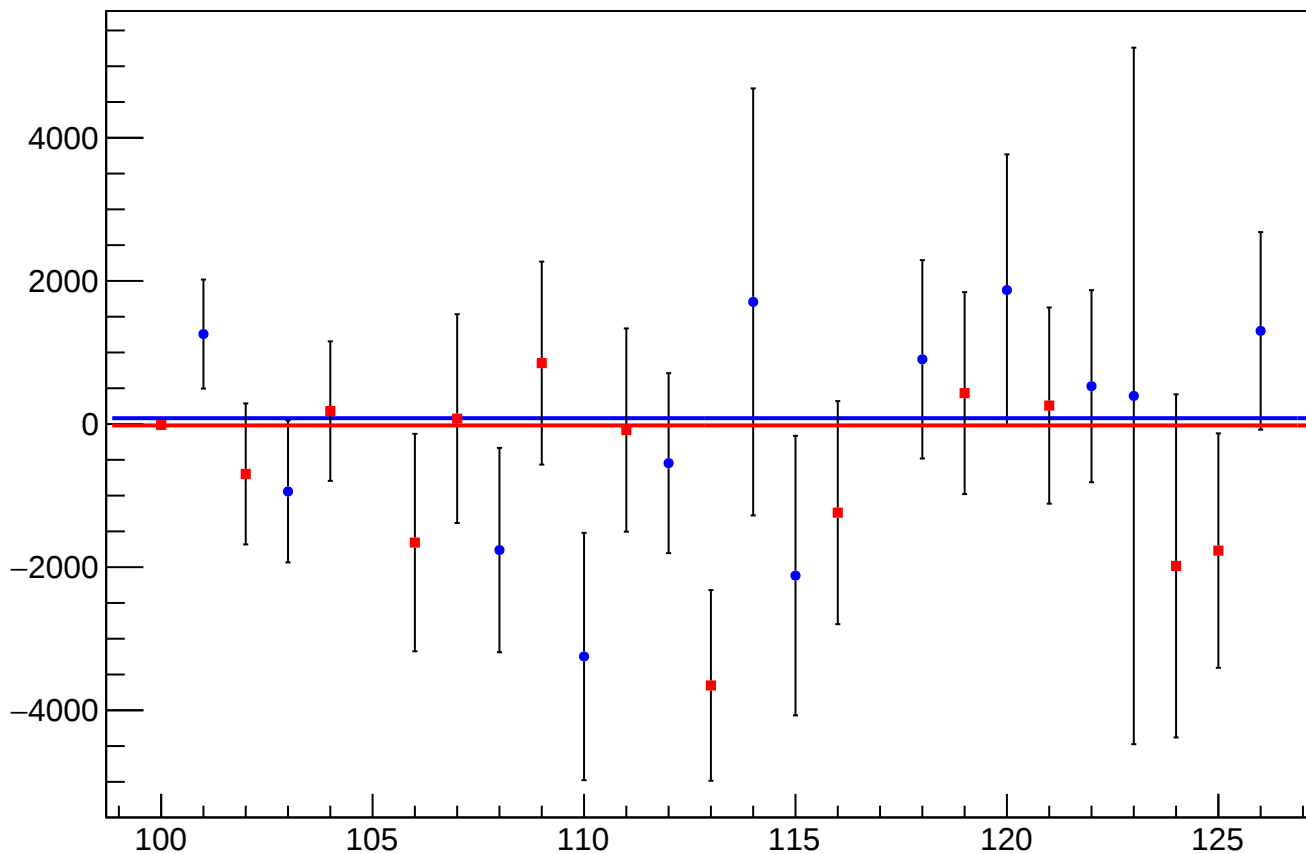
Right: 549.135 $\pm$ 0.130 χ^2 /NDF: 127717.9/24

In: 555.301 $\pm$ 0.192 χ^2 /NDF: 6524.1/11

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

All: 549.135 $\pm$ 0.130 χ^2 /NDF: 127717.9/24

asym_right_dd_correction_mean vs Slug, Sign Corrected



Right In: 81.748+/-392.438 χ^2/NDF : 12.8/11

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

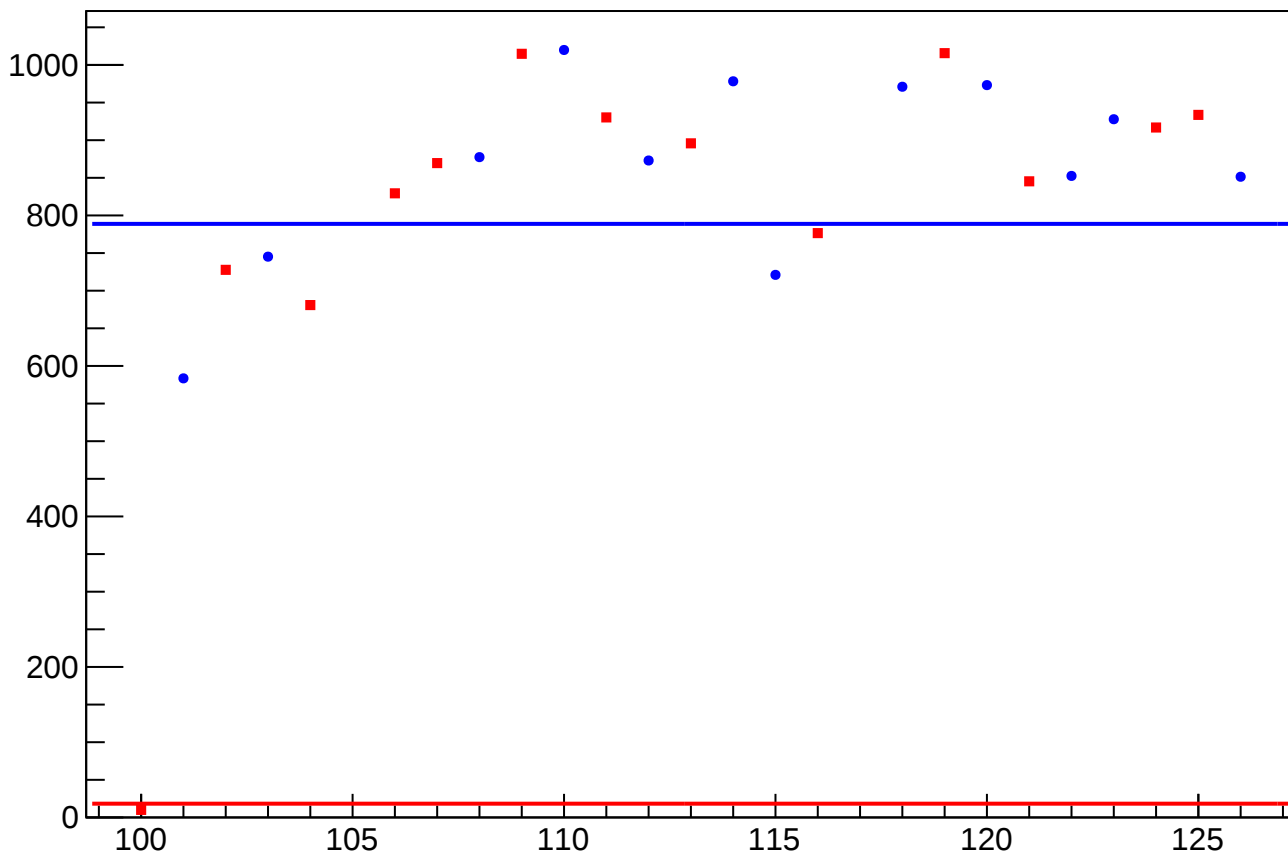
Right: -18.046+/-38.836 χ^2/NDF : 24.9/24

In: 81.748+/-392.438 χ^2/NDF : 12.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.046+/-38.836 χ^2/NDF : 24.9/24

asym_right_dd_correction_rms vs Slug, Sign Corrected



Right In: 788.789+/-0.277 χ^2/NDF : 275748.7/11

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

Right Out: 18.307+/-0.028 χ^2/NDF : 9084978.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

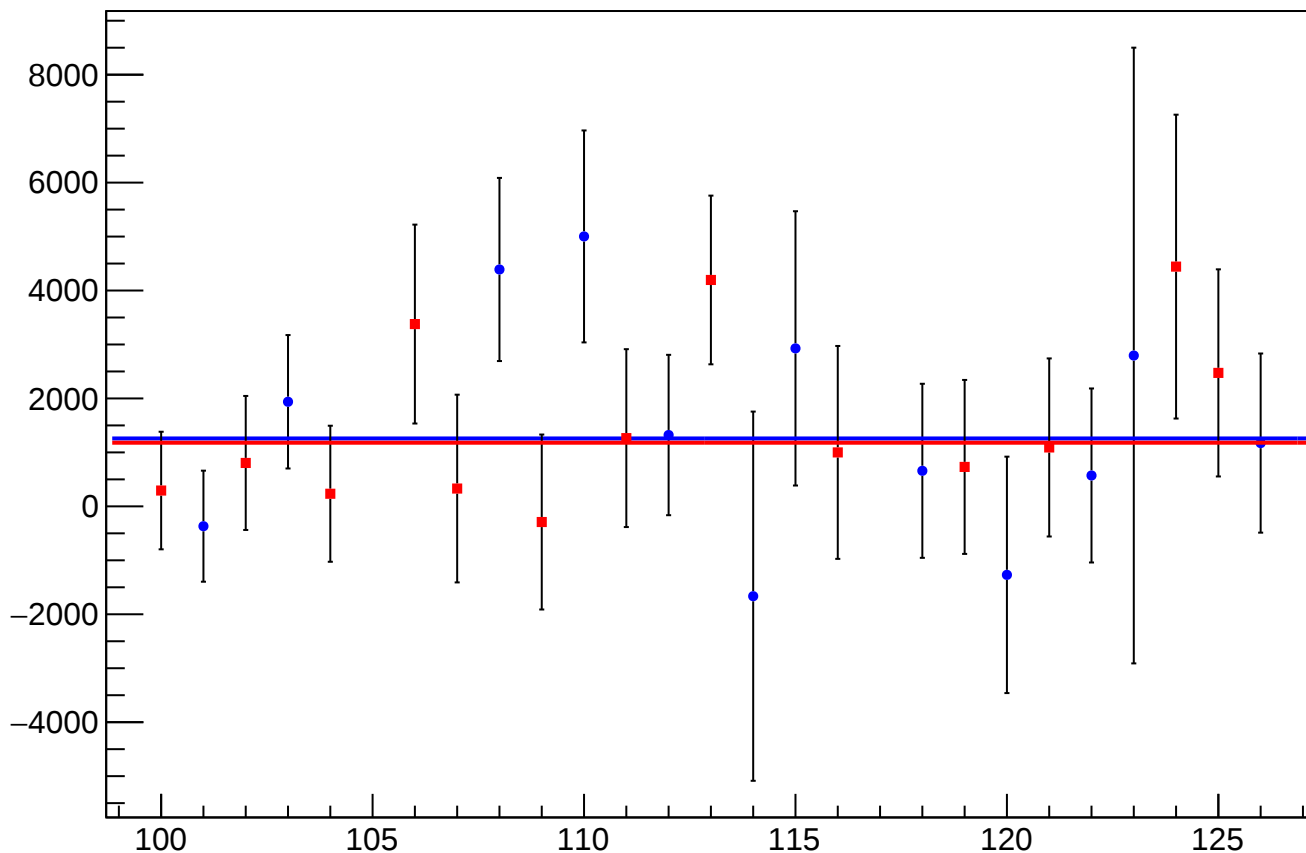
Right: 25.853+/-0.027 χ^2/NDF : 16994470.7/24

In: 788.789+/-0.277 χ^2/NDF :275748.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 25.853+/-0.027 χ^2/NDF : 16994470.7/24

asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1258.316+/-484.004 χ^2/NDF : 12.7/11

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

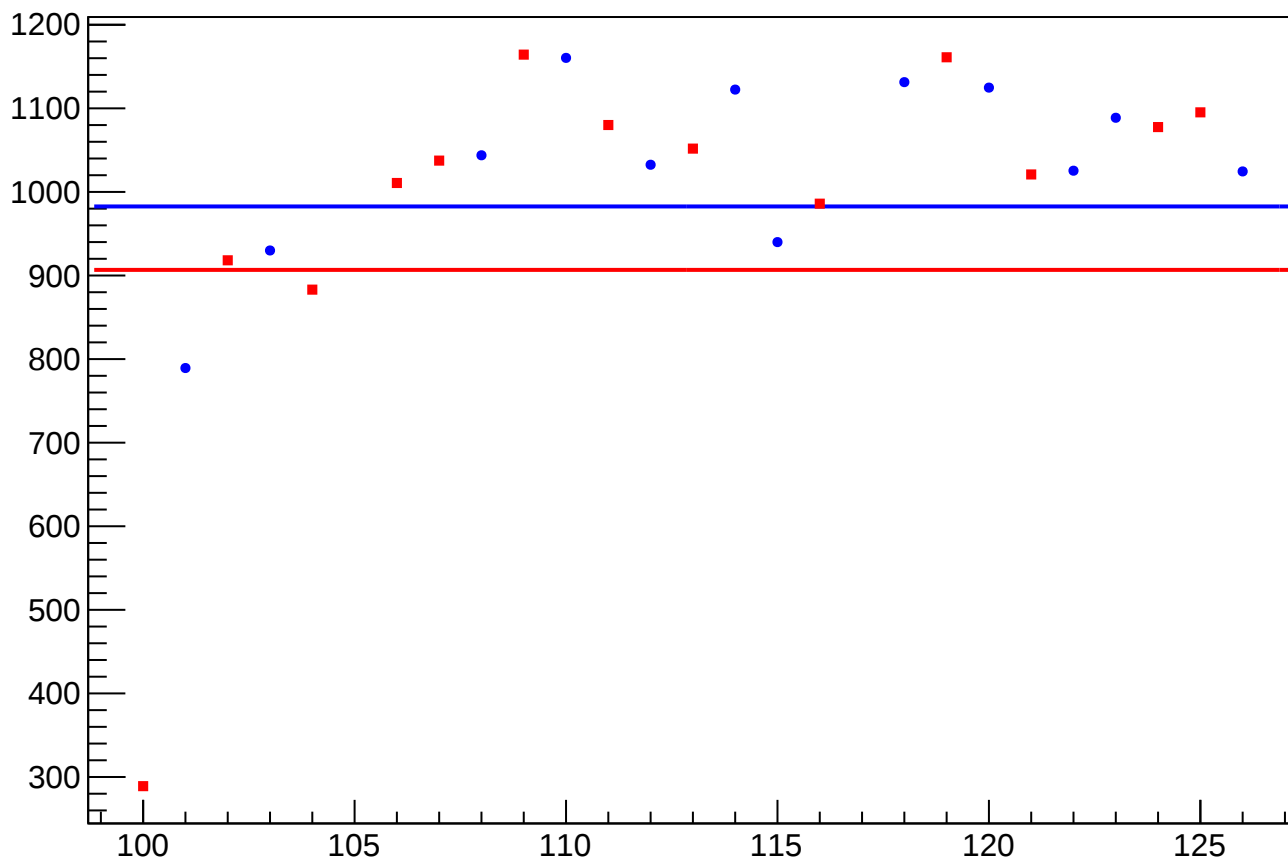
Right: 1214.587+/-323.118 χ^2/NDF : 22.2/24

In: 1258.316+/-484.004 χ^2/NDF : 12.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1214.587+/-323.118 χ^2/NDF : 22.2/24

asym_right_dd_rms vs Slug, Sign Corrected



Right In: 982.628+/-0.342 χ^2/NDF : 128150.2/11

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

Right Out: 906.727+/-0.307 χ^2/NDF : 840568.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

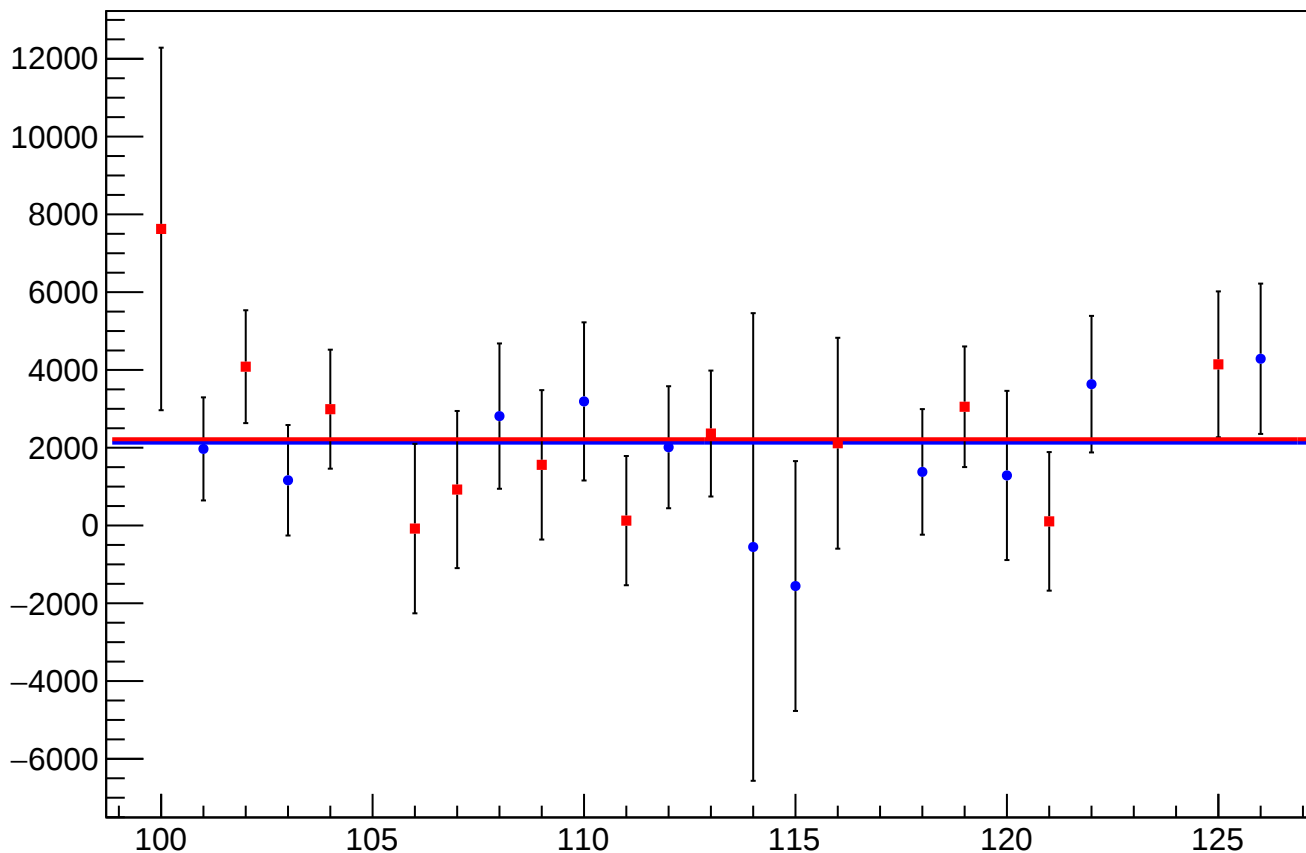
Right: 940.555+/-0.228 χ^2/NDF : 995981.7/24

In: 982.628+/-0.342 χ^2/NDF : 128150.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 940.555+/-0.228 χ^2/NDF : 995981.7/24

cor_usl_mean vs Slug, Sign Corrected



Right In: 2130.202+/-549.554 χ^2/NDF : 4.8/10

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

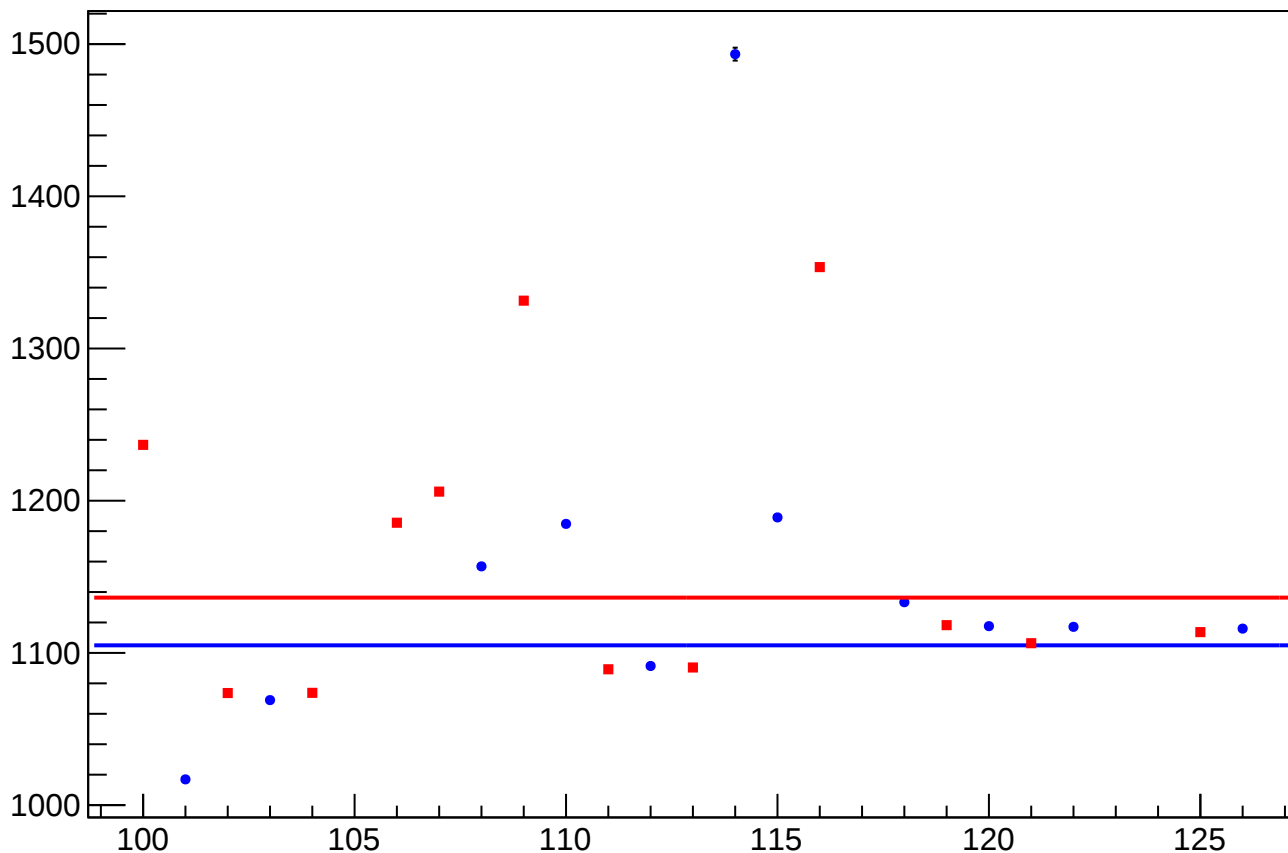
Right: 2175.491+/-381.233 χ^2/NDF : 14.0/22

In: 2130.202+/-549.554 χ^2/NDF : 4.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2175.491+/-381.233 χ^2/NDF : 14.0/22

cor_usl_rms vs Slug, Sign Corrected



Right In: 1104.978+/-0.389 χ^2/NDF : 25447.6/10

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

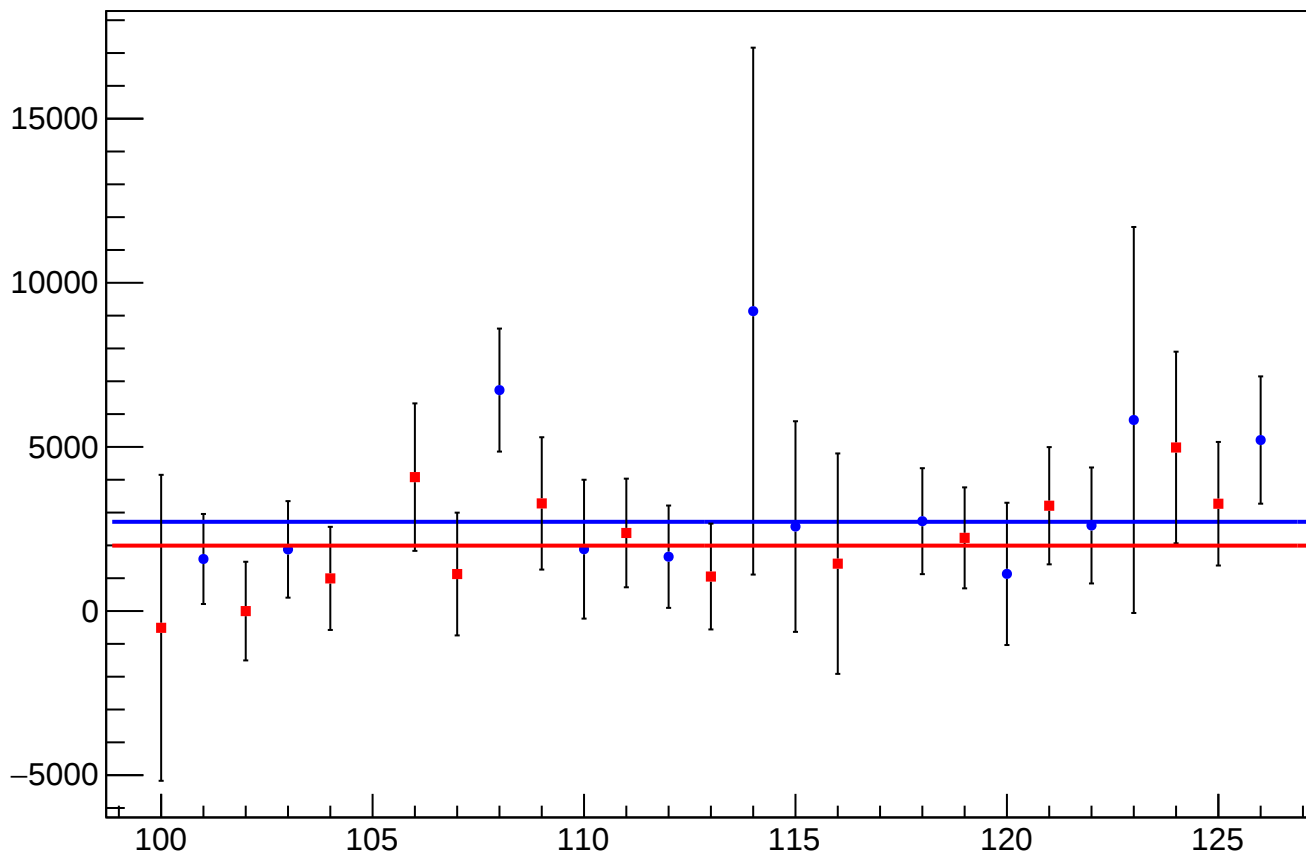
Right: 1121.242+/-0.270 χ^2/NDF : 78027.0/22

In: 1104.978+/-0.389 χ^2/NDF : 25447.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1121.242+/-0.270 χ^2/NDF : 78027.0/22

cor_usr_mean vs Slug, Sign Corrected



Right In: 2718.637+/-555.673 χ^2/NDF : 9.3/11

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

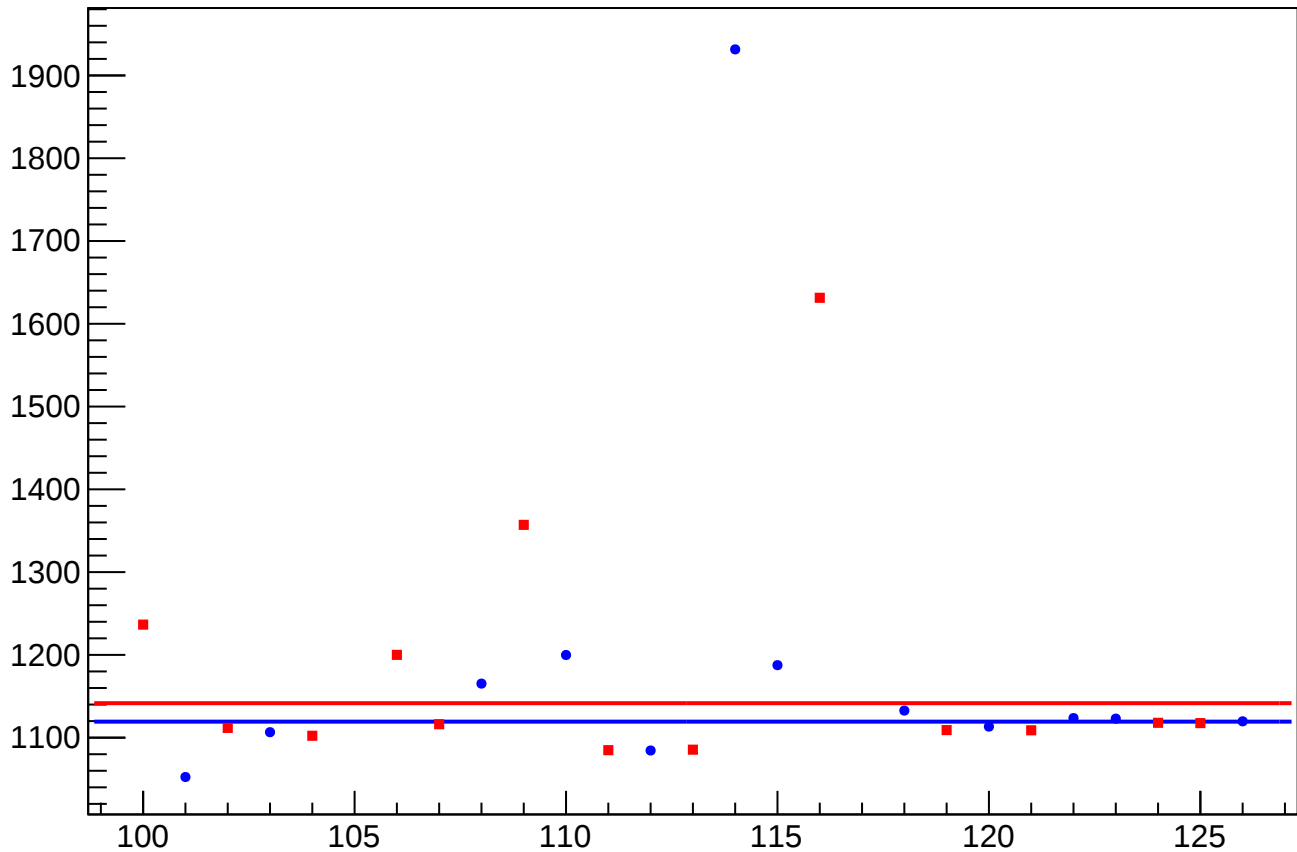
Right: 2336.785+/-382.429 χ^2/NDF : 16.6/24

In: 2718.637+/-555.673 χ^2/NDF : 9.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2336.785+/-382.429 χ^2/NDF : 16.6/24

cor_usr_rms vs Slug, Sign Corrected



Right In: 1119.354+/-0.393 χ^2/NDF : 31551.2/11

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

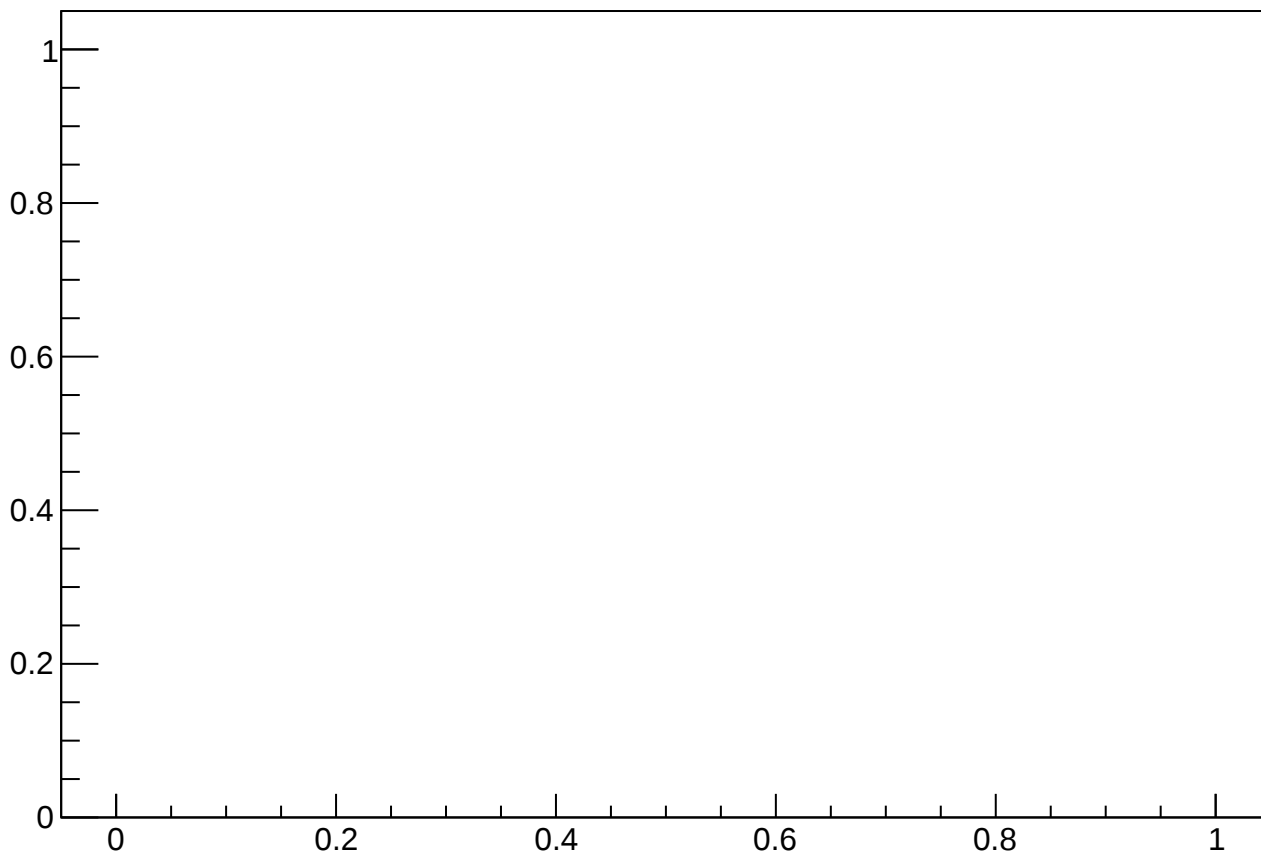
Right: 1131.095+/-0.270 χ^2/NDF : 110034.0/24

In: 1119.354+/-0.393 χ^2/NDF : 31551.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1131.095+/-0.270 χ^2/NDF : 110034.0/24

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

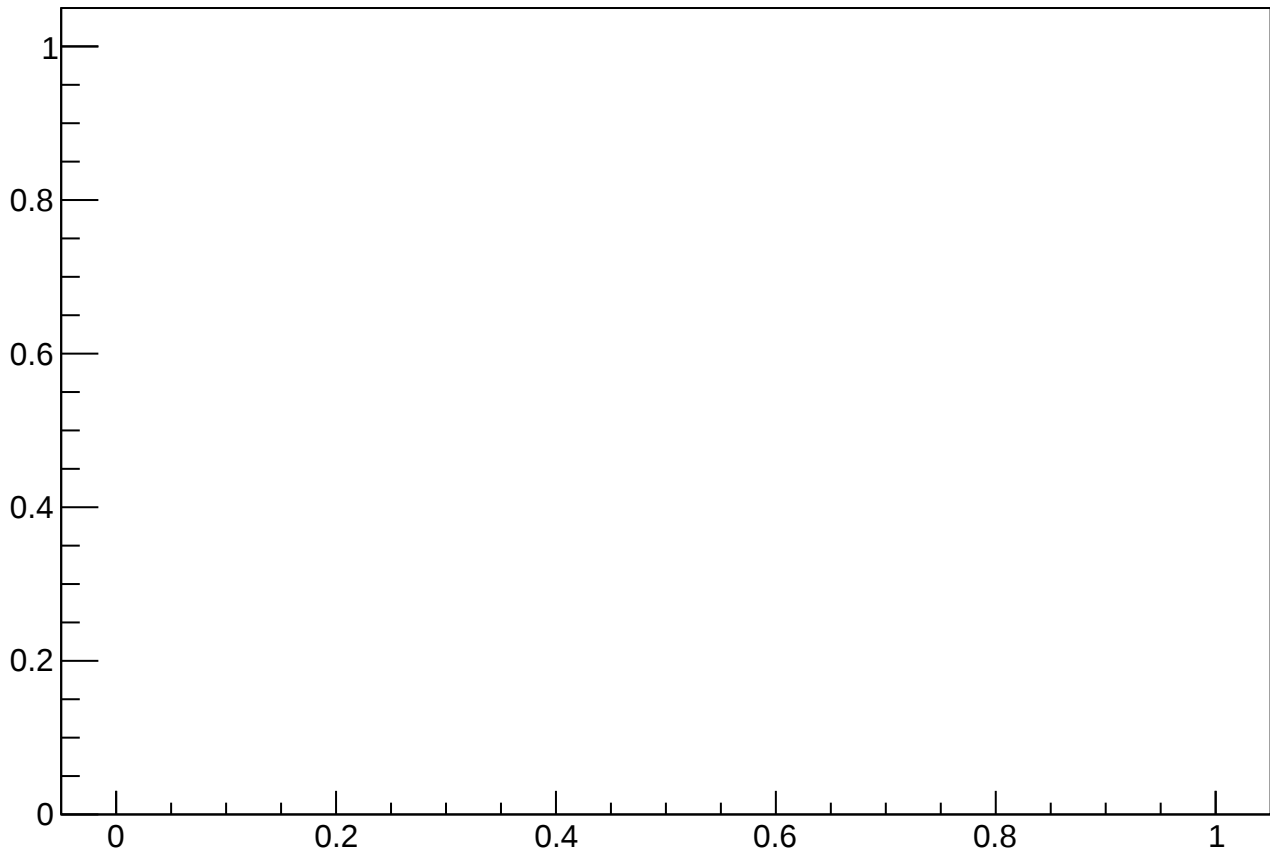
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-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

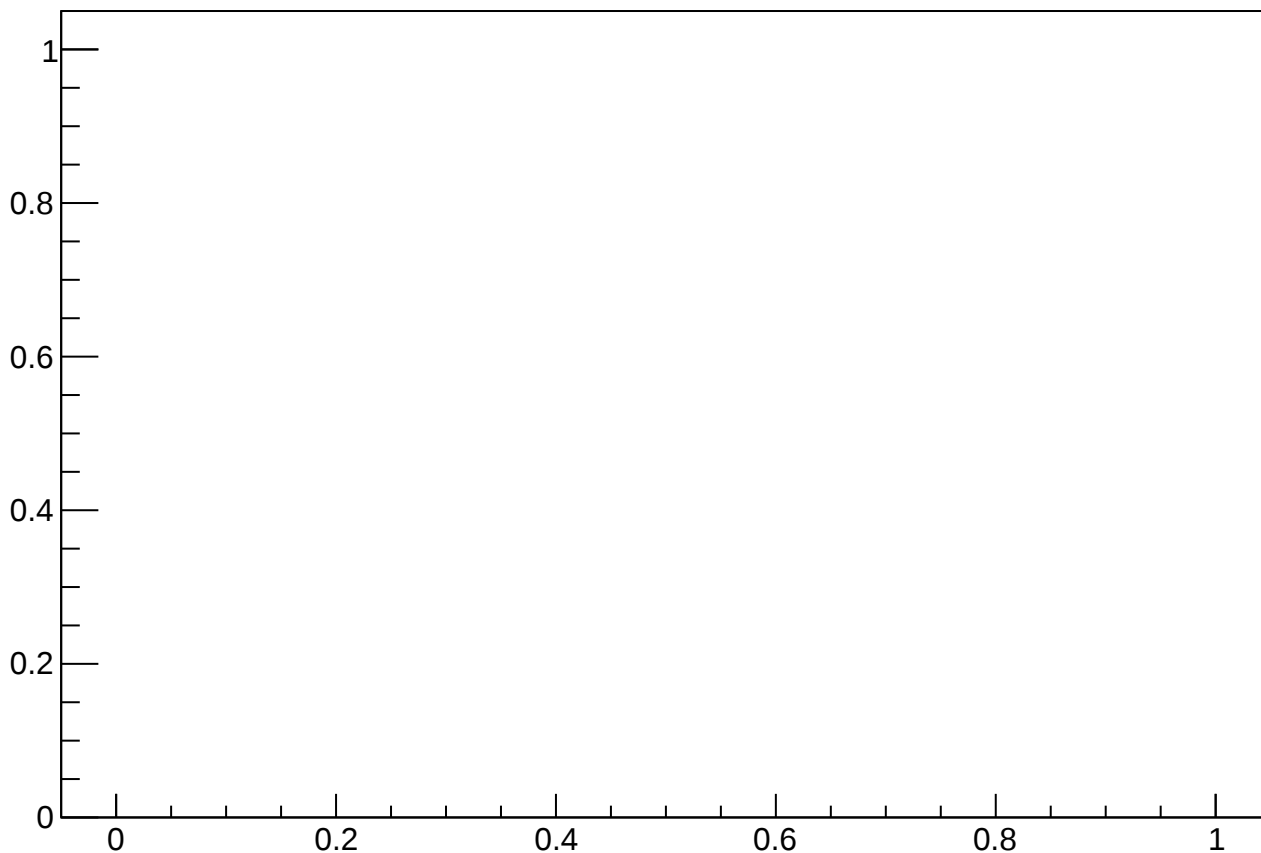
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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_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

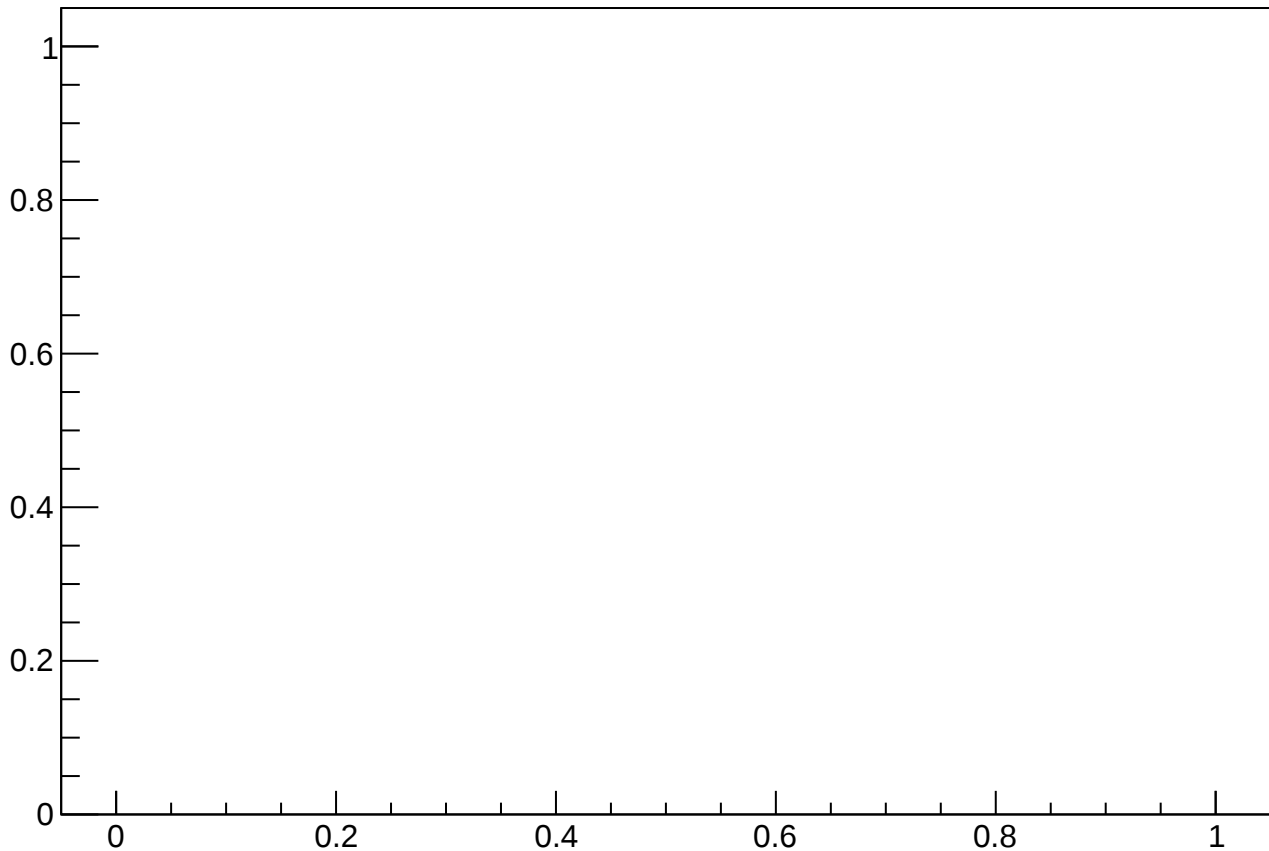
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

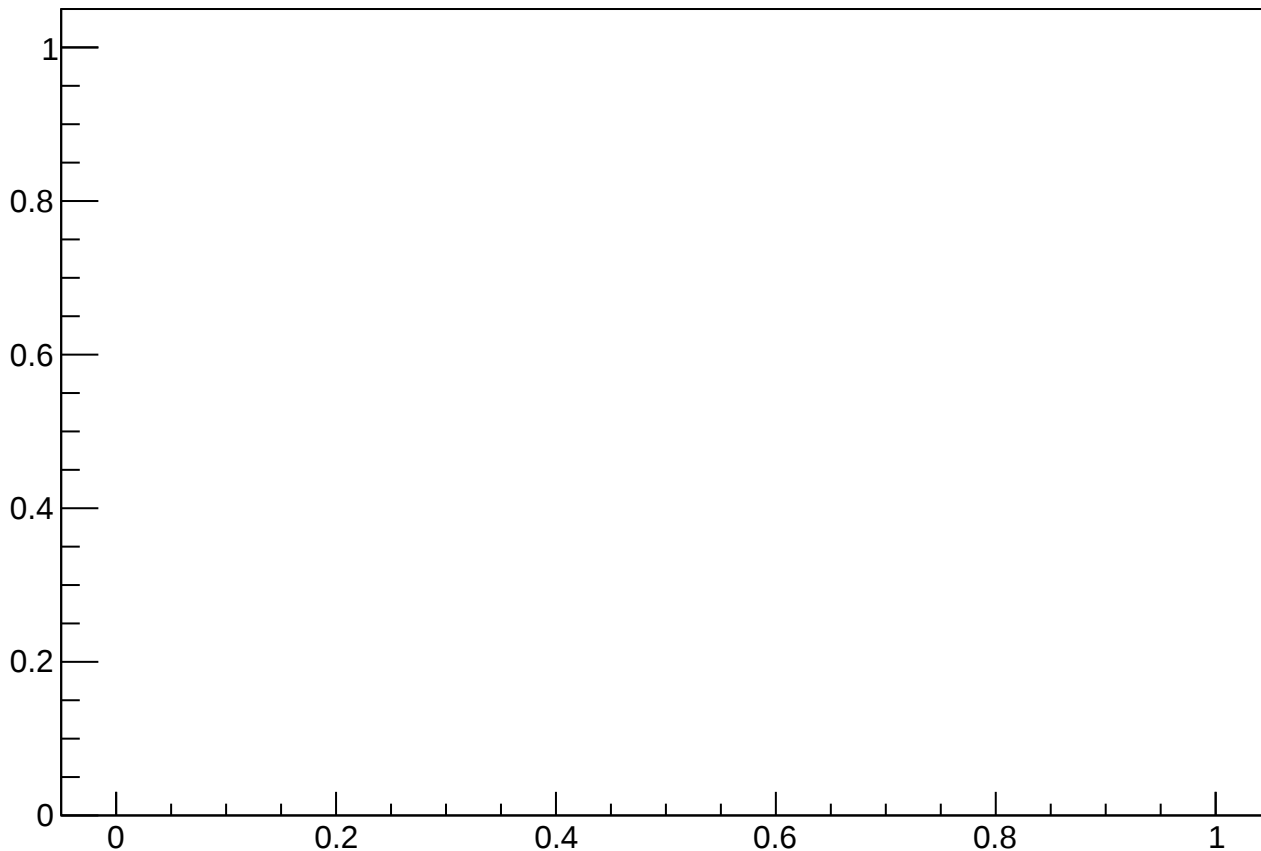
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

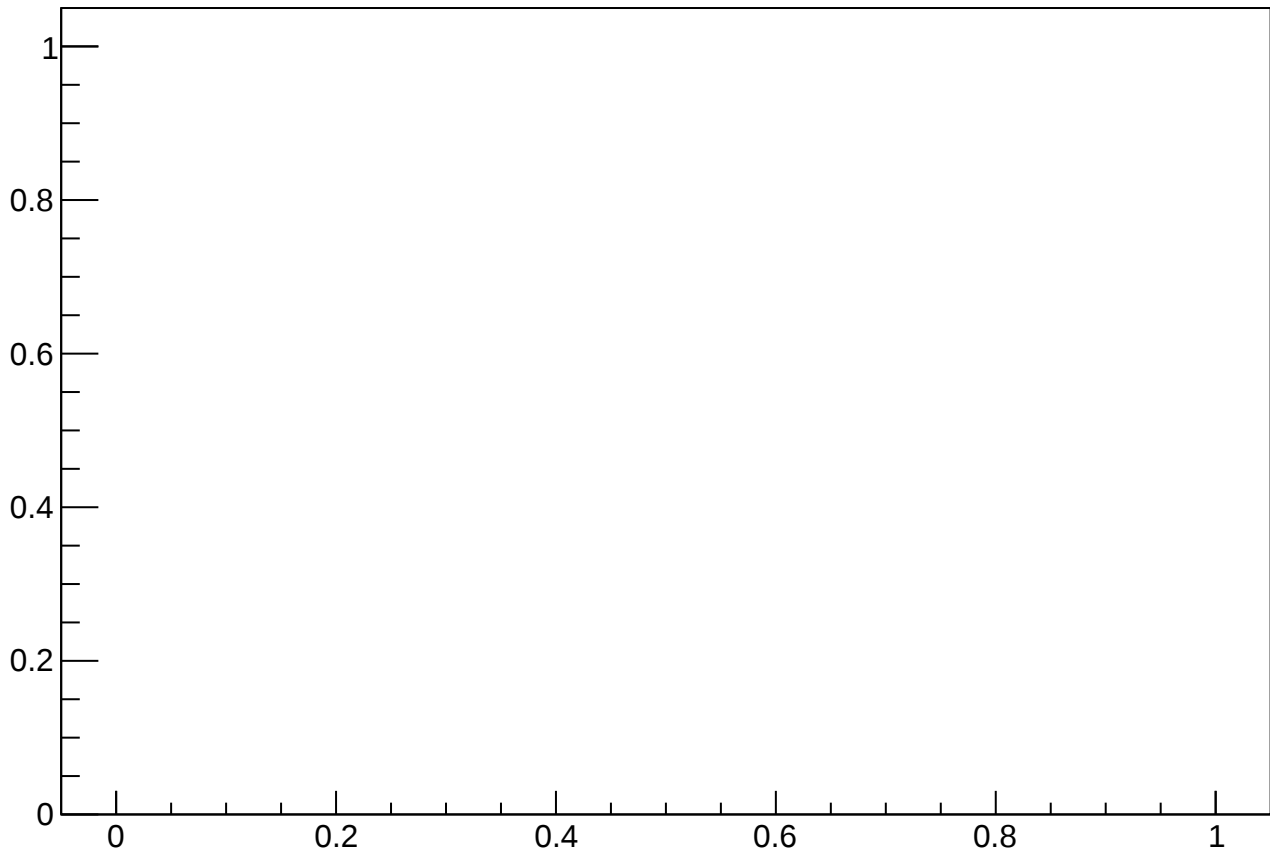
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

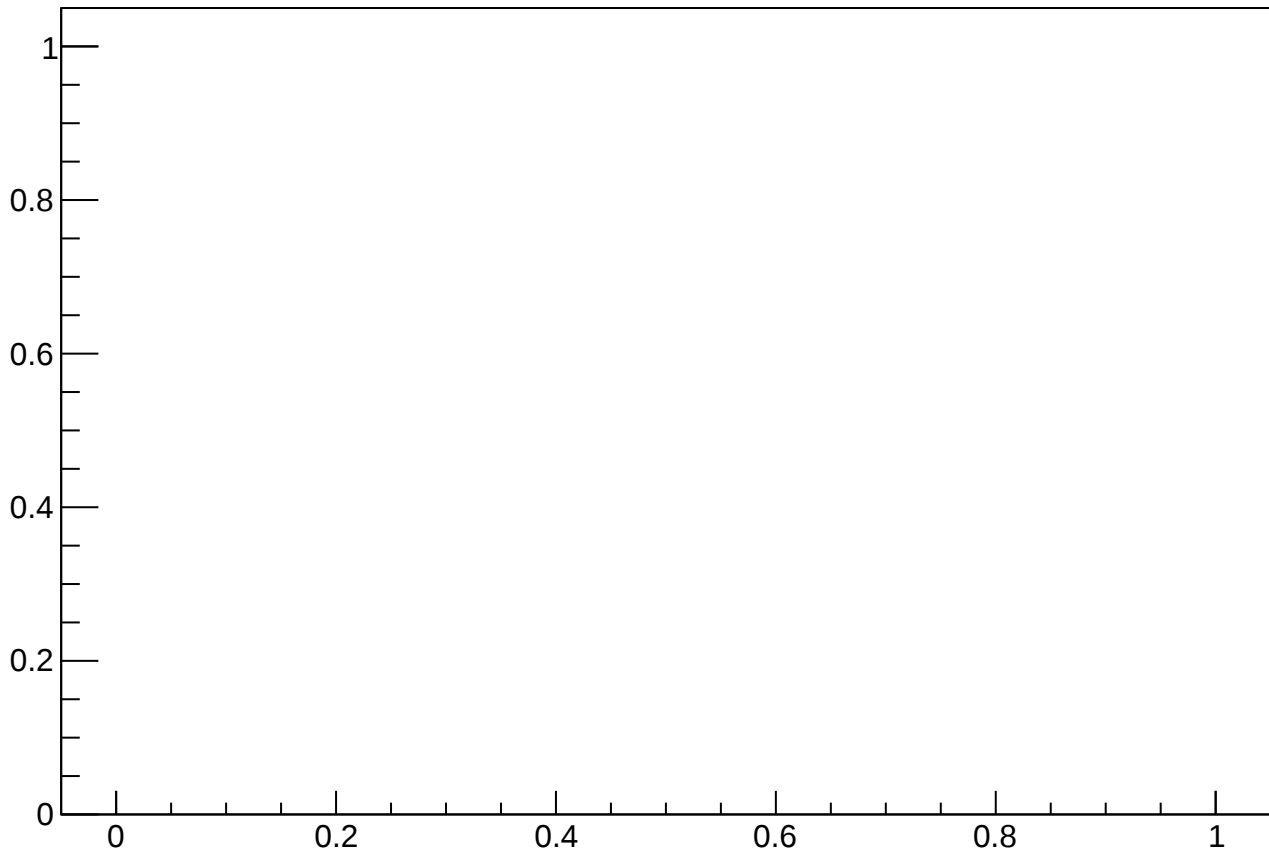
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

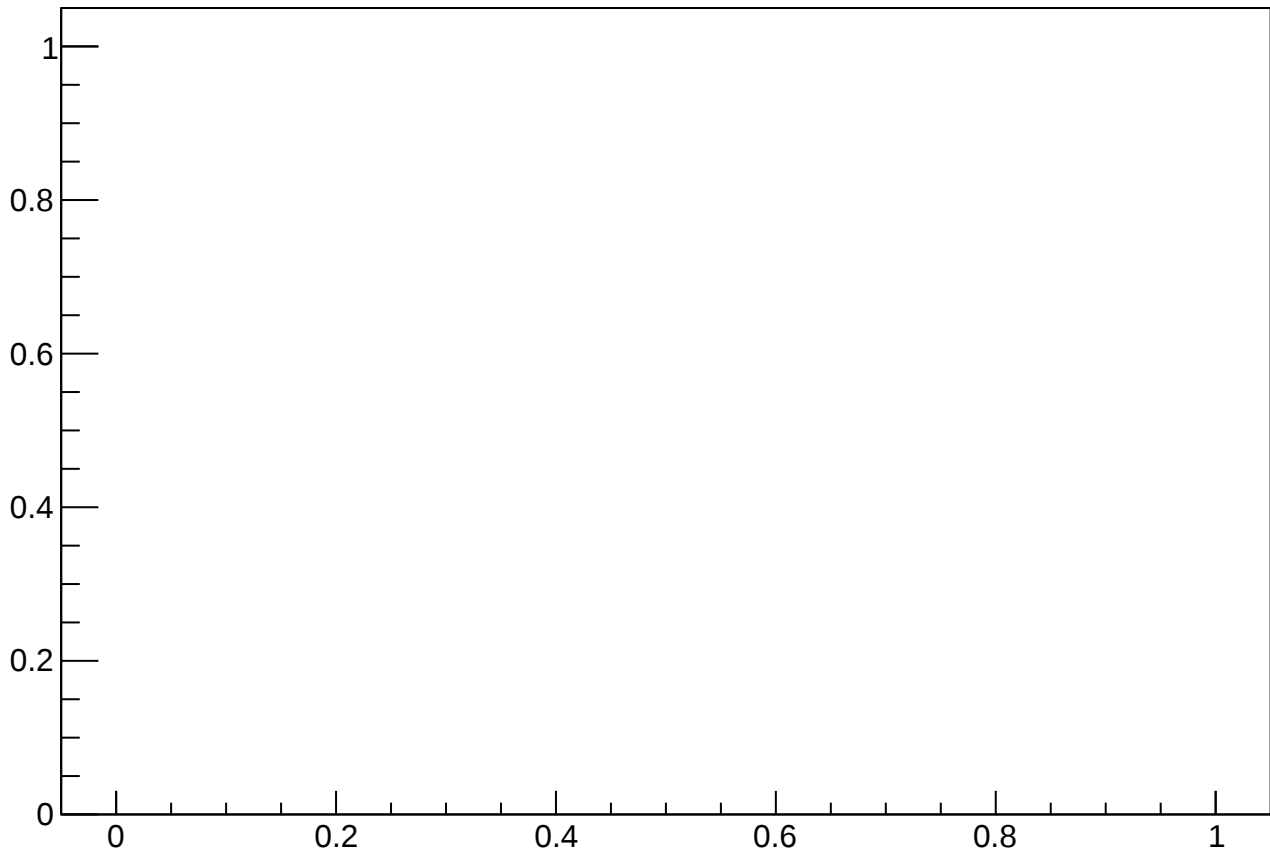
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

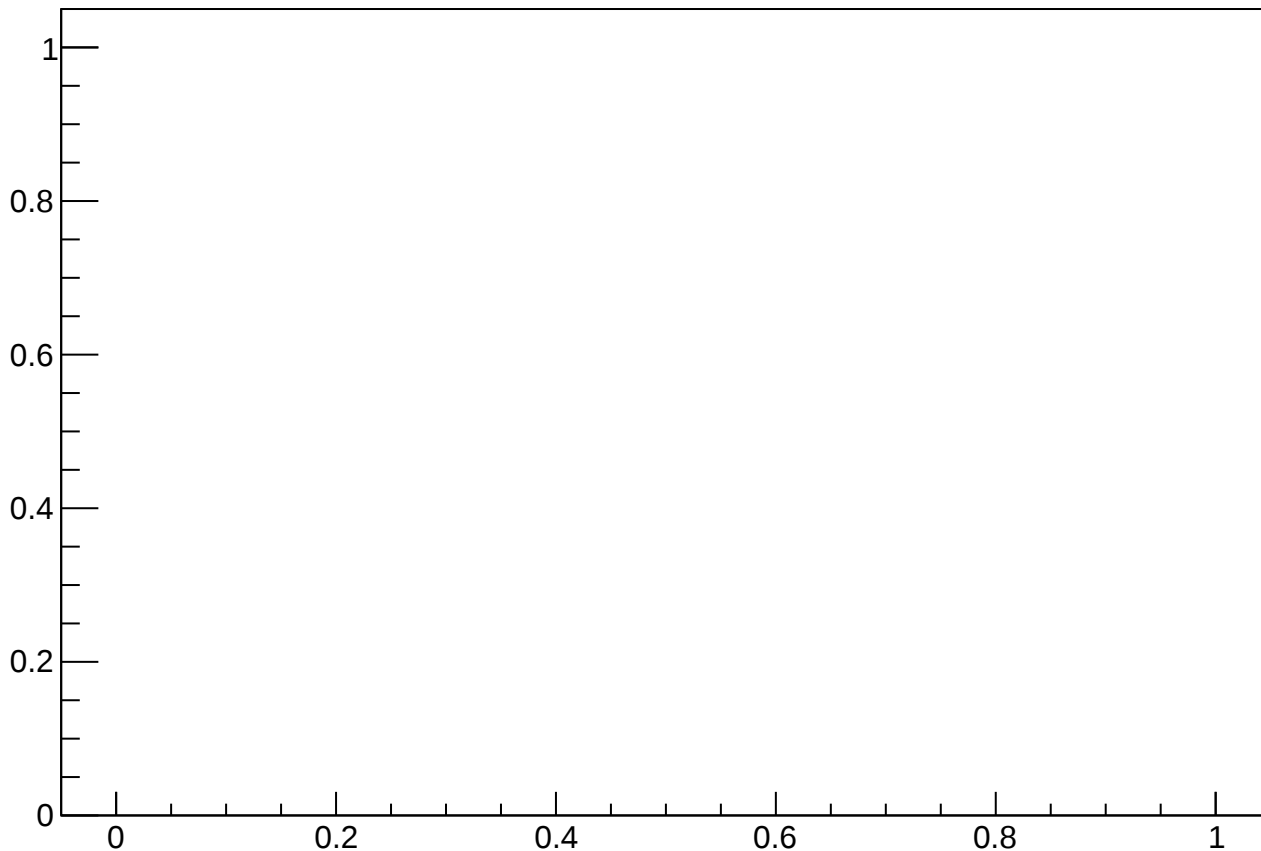
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

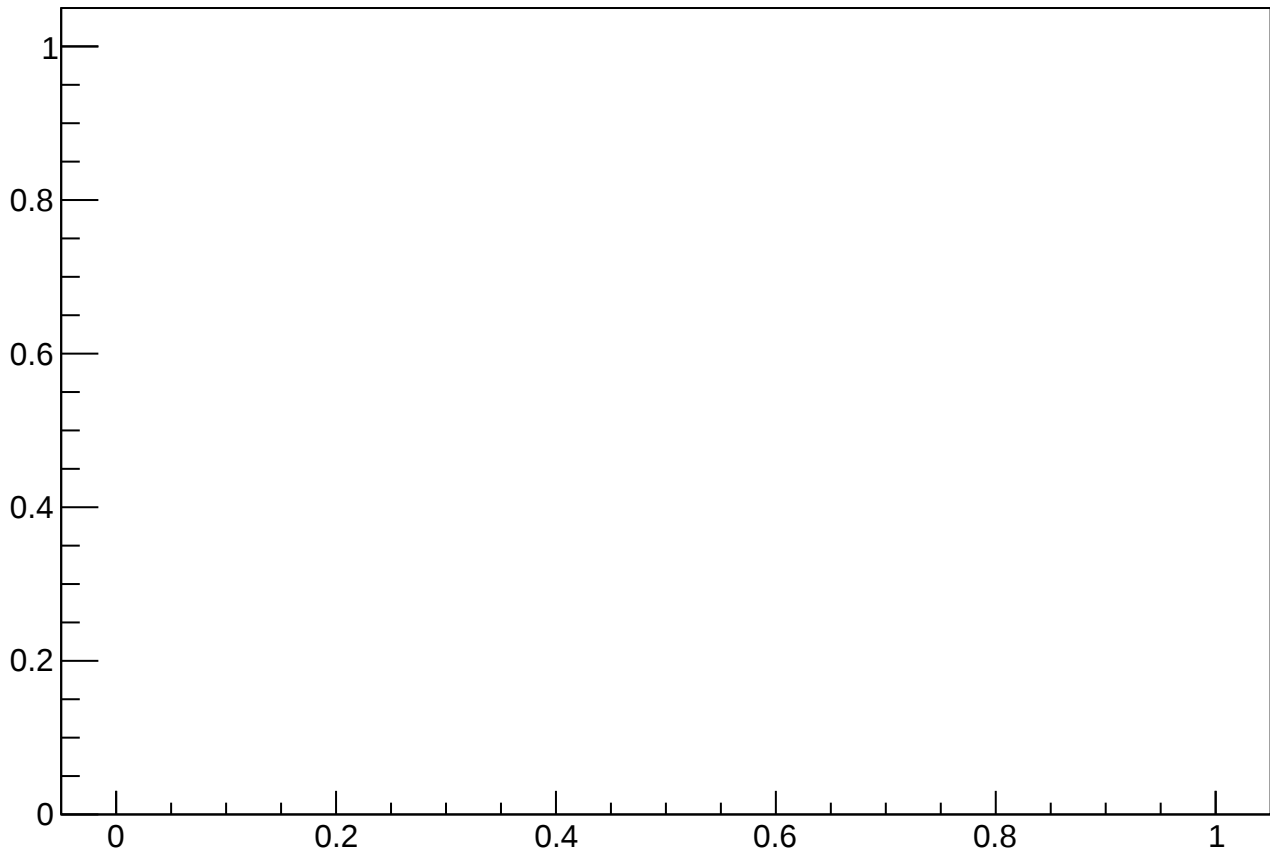
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

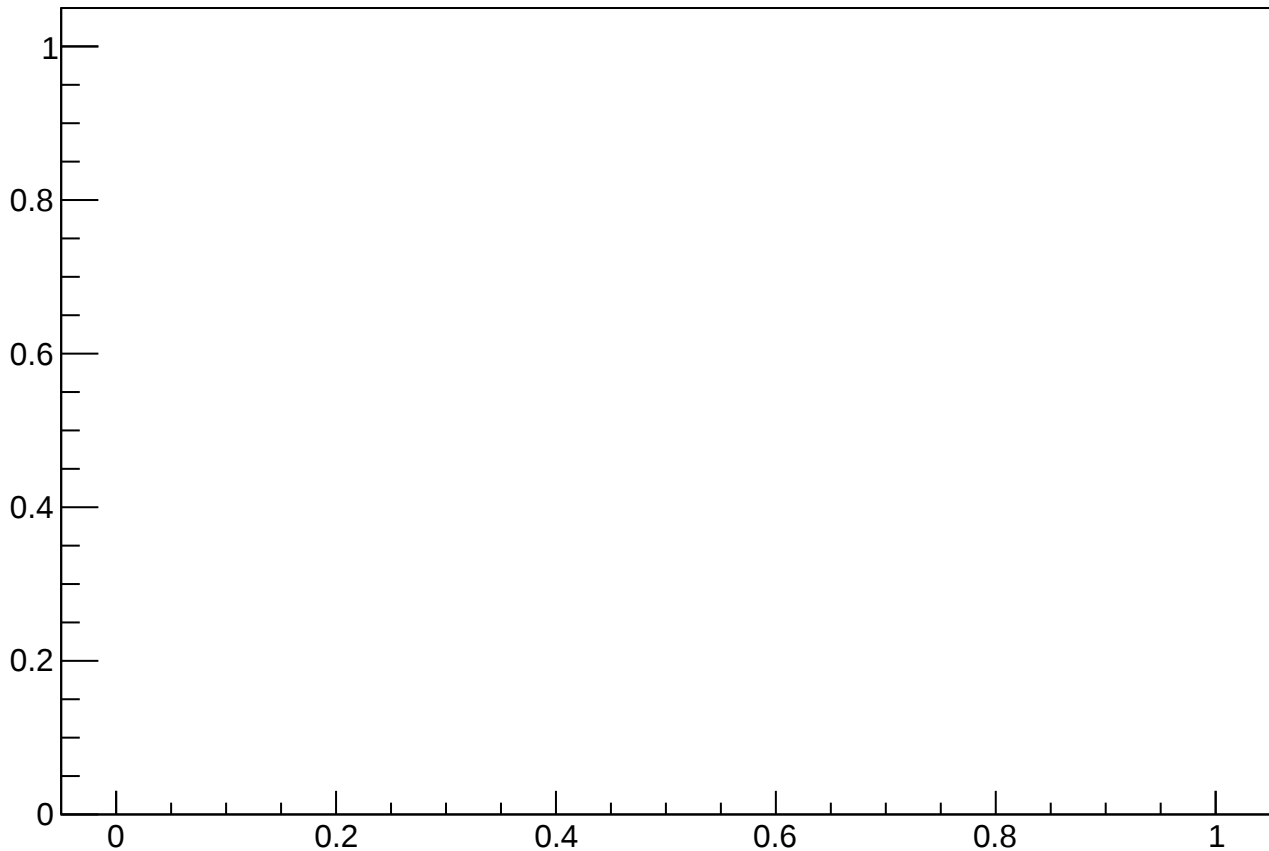
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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

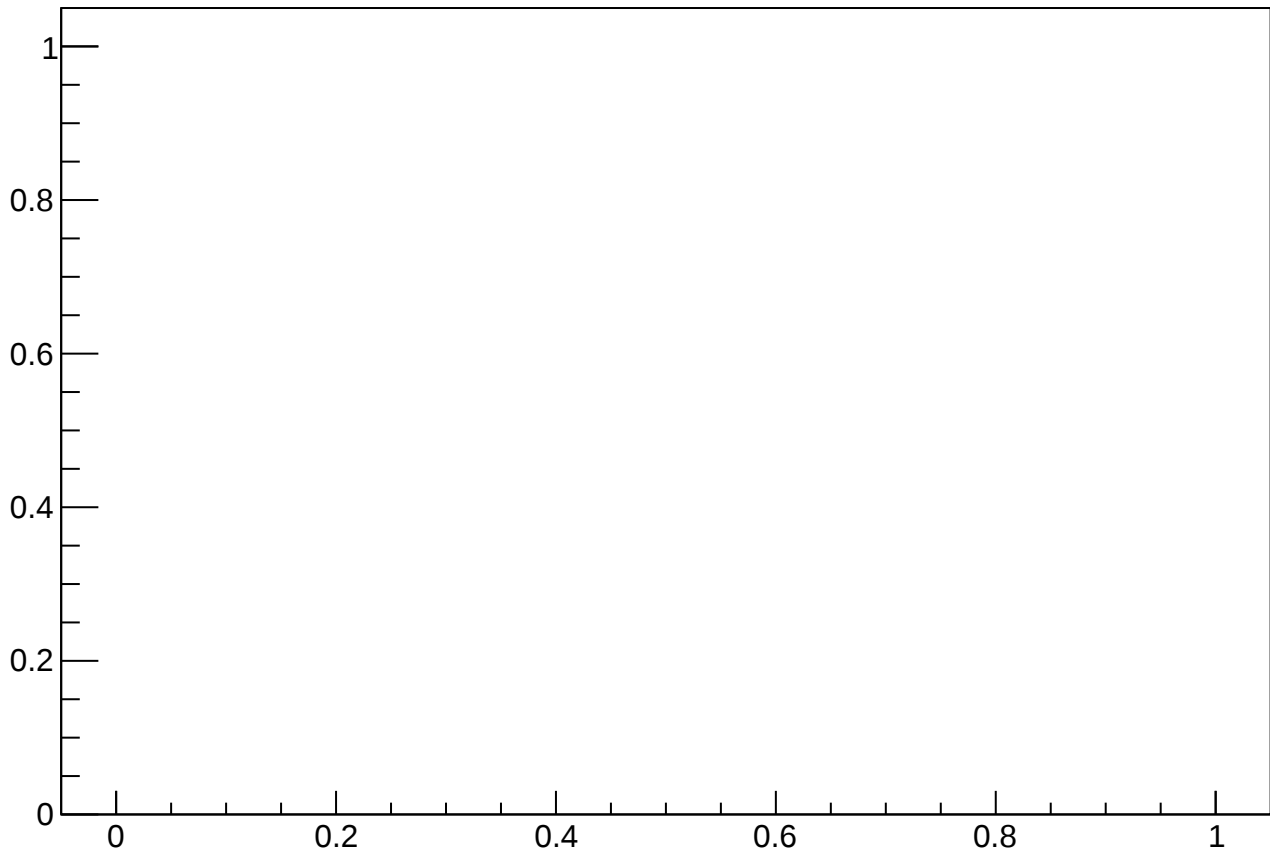
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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_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

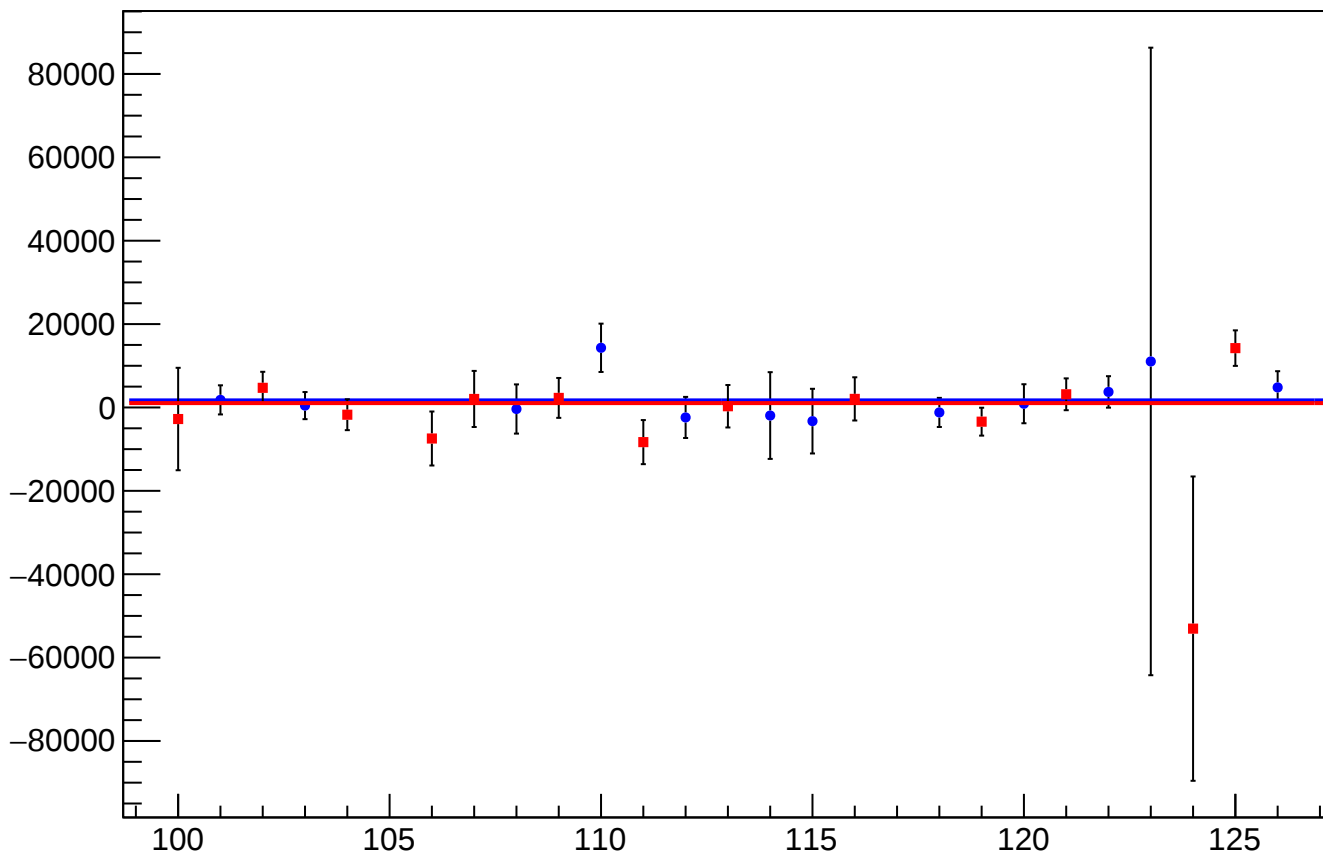
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1696.653+/-1329.073 χ^2/NDF : 7.9/11

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

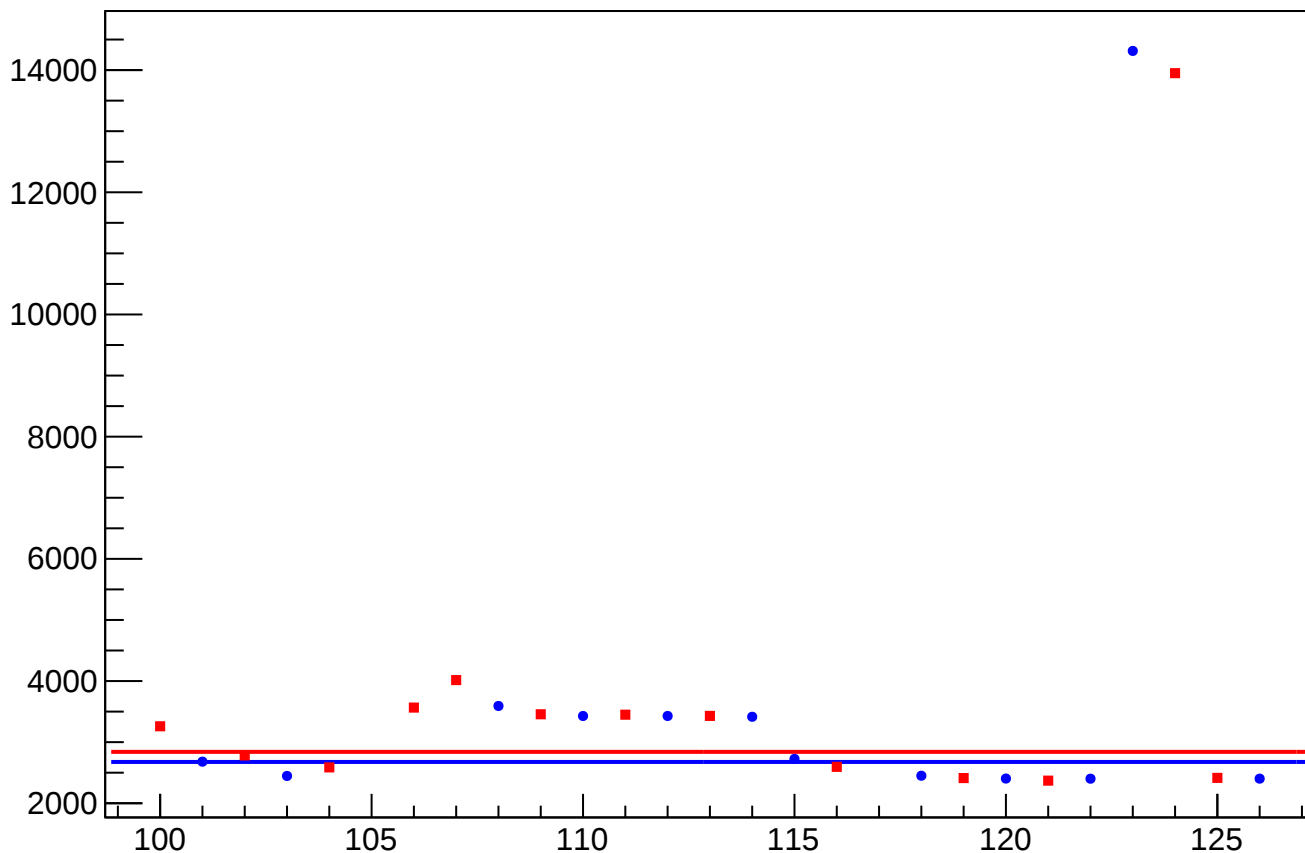
Right: 1372.702+/-941.472 χ^2/NDF : 28.4/24

In: 1696.653+/-1329.073 χ^2/NDF : 7.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1372.702+/-941.472 χ^2/NDF : 28.4/24

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2675.843+/-0.940 χ^2/NDF : 231960.2/11

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

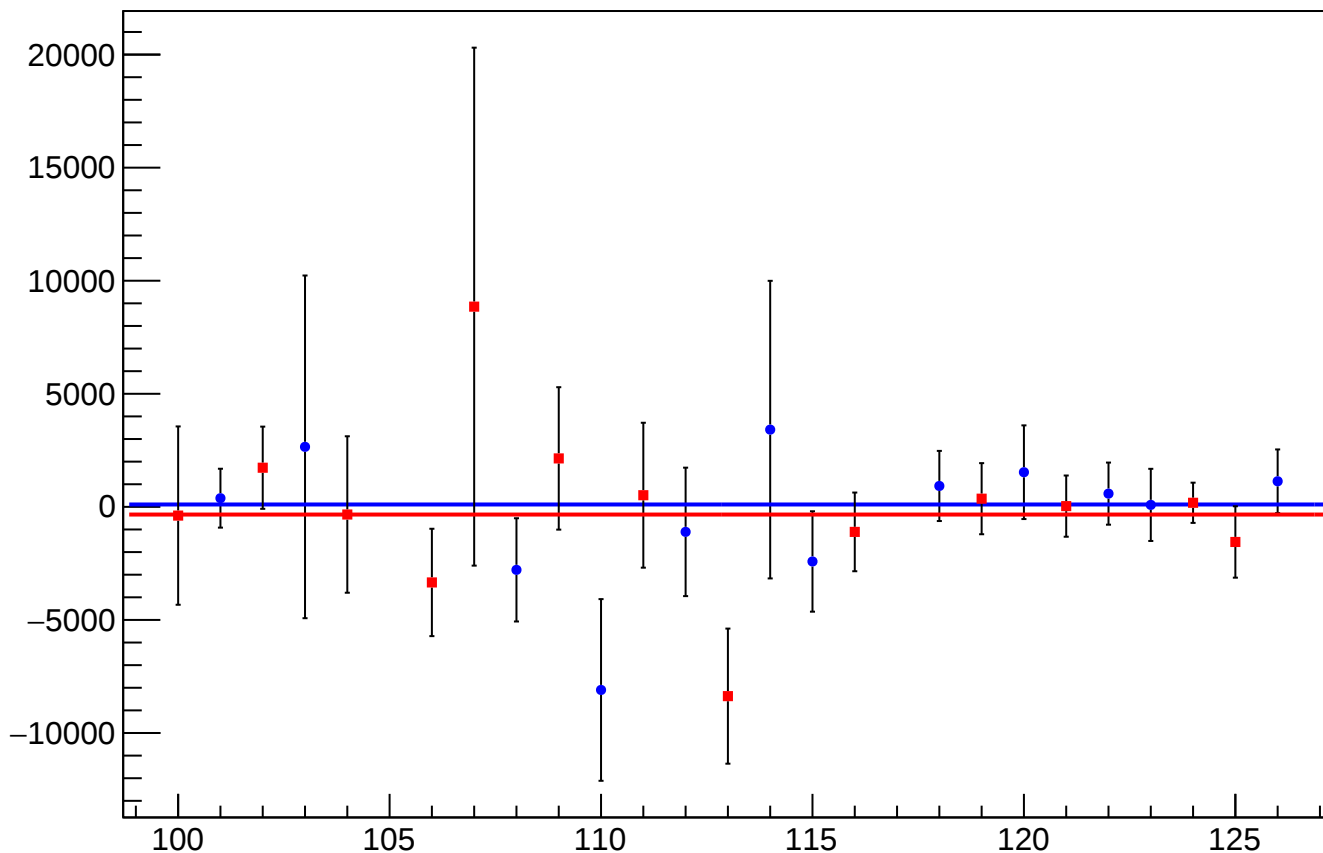
Right: 2758.117+/-0.666 χ^2/NDF : 704850.2/24

In: 2675.843+/-0.940 χ^2/NDF : 231960.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2758.117+/-0.666 χ^2/NDF : 704850.2/24

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: 105.136+/-551.446 χ^2/NDF : 9.1/11

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

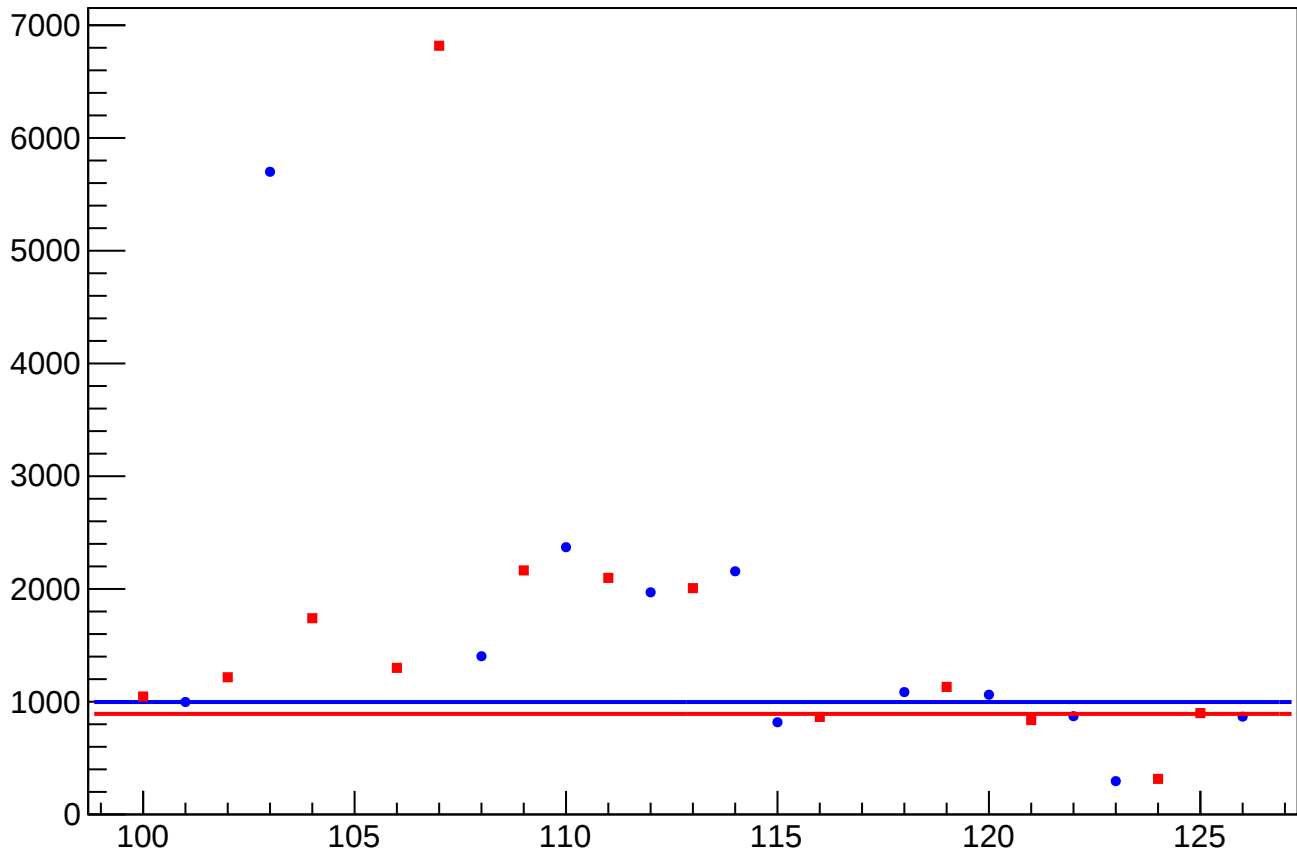
Right: -136.146+/-373.178 χ^2/NDF : 22.3/24

In: 105.136+/-551.446 χ^2/NDF :9.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -136.146+/-373.178 χ^2/NDF : 22.3/24

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 997.154+/-0.390 χ^2/NDF : 1806460.3/11

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

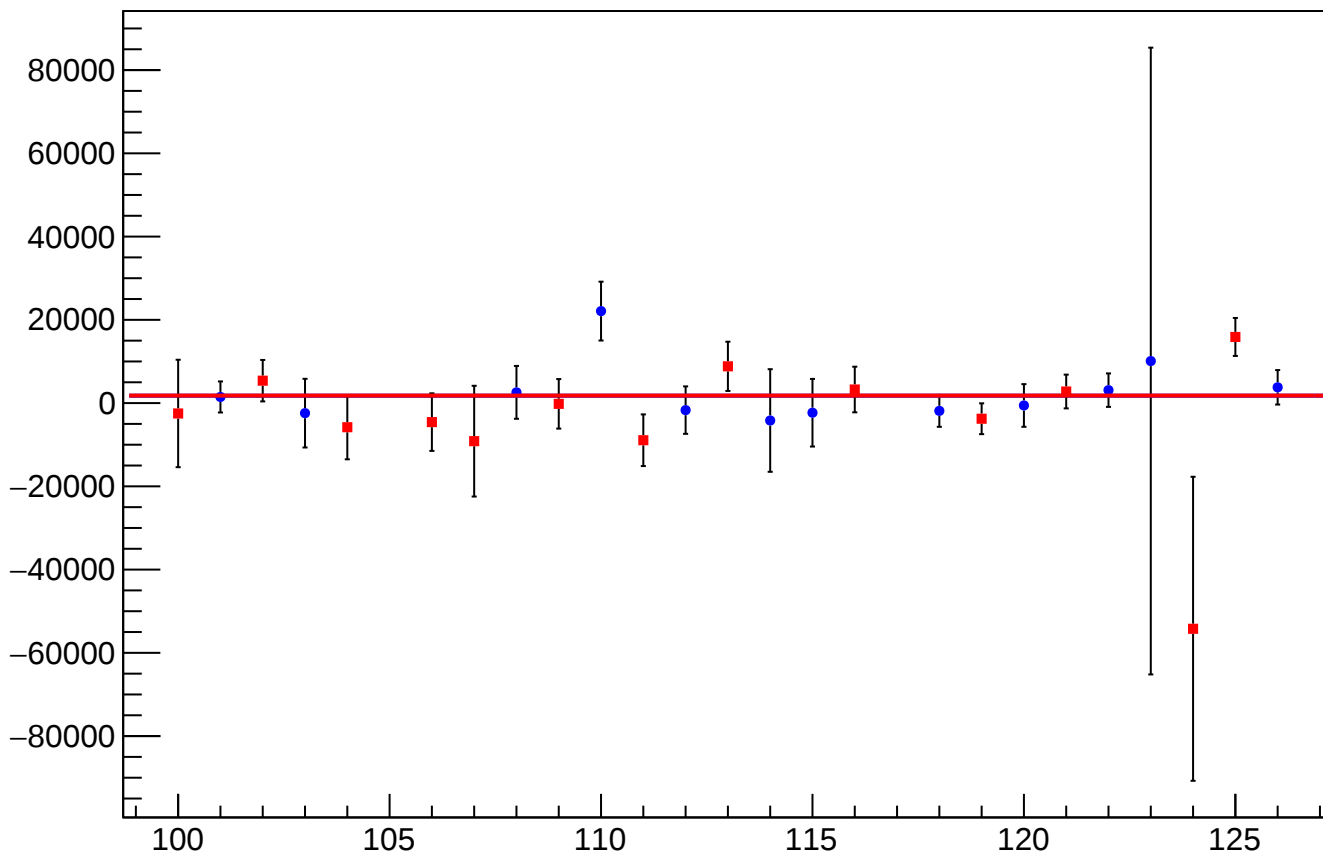
Right: 940.096+/-0.264 χ^2/NDF : 4407082.6/24

In: 997.154+/-0.390 χ^2/NDF : 1806460.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 940.096+/-0.264 χ^2/NDF : 4407082.6/24

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1774.694+/-1561.014 χ^2/NDF : 10.9/11

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

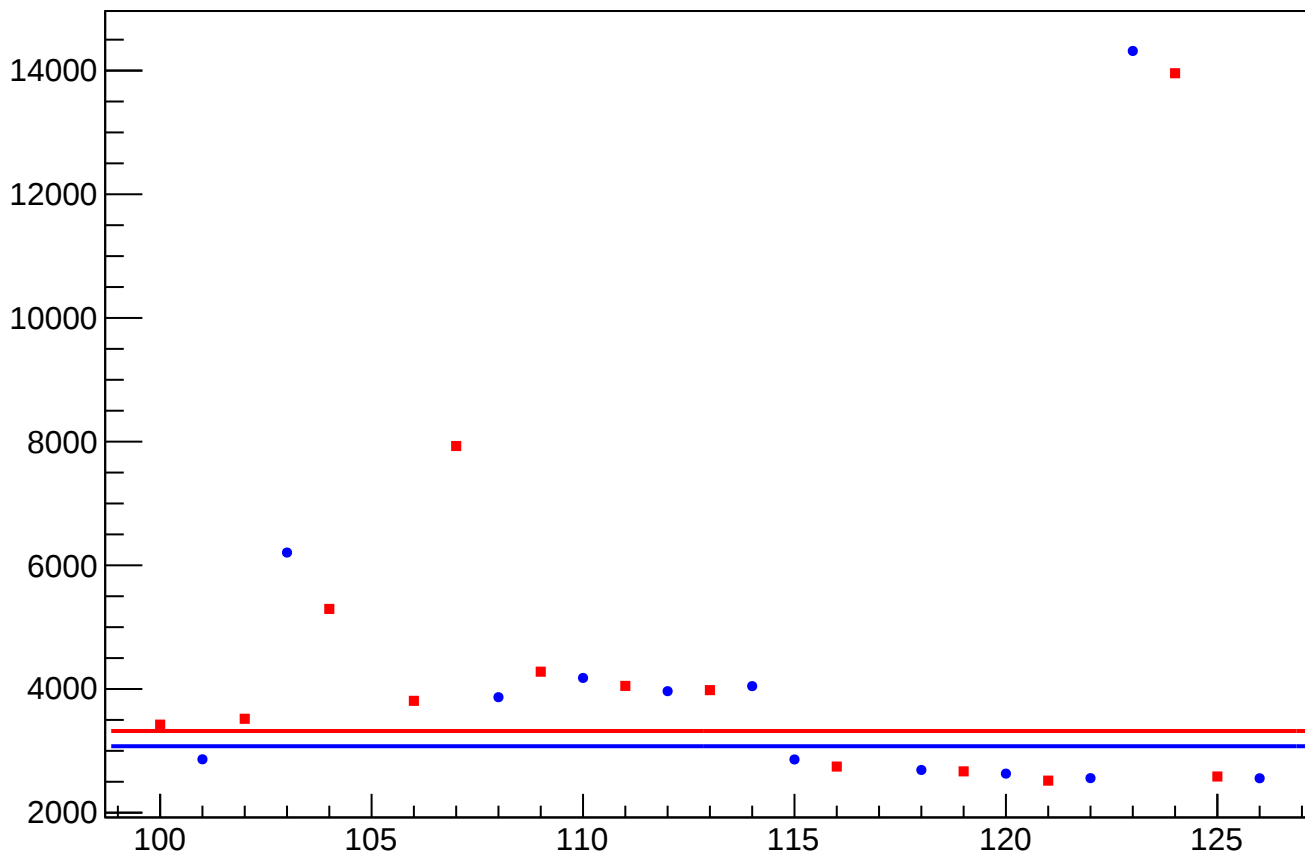
Right: 1787.285+/-1118.866 χ^2/NDF : 32.8/24

In: 1774.694+/-1561.014 χ^2/NDF : 10.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1787.285+/-1118.866 χ^2/NDF : 32.8/24

asym_atl1_rms vs Slug, Sign Corrected



Right In: 3074.748+/-1.104 χ^2/NDF : 581164.5/11

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

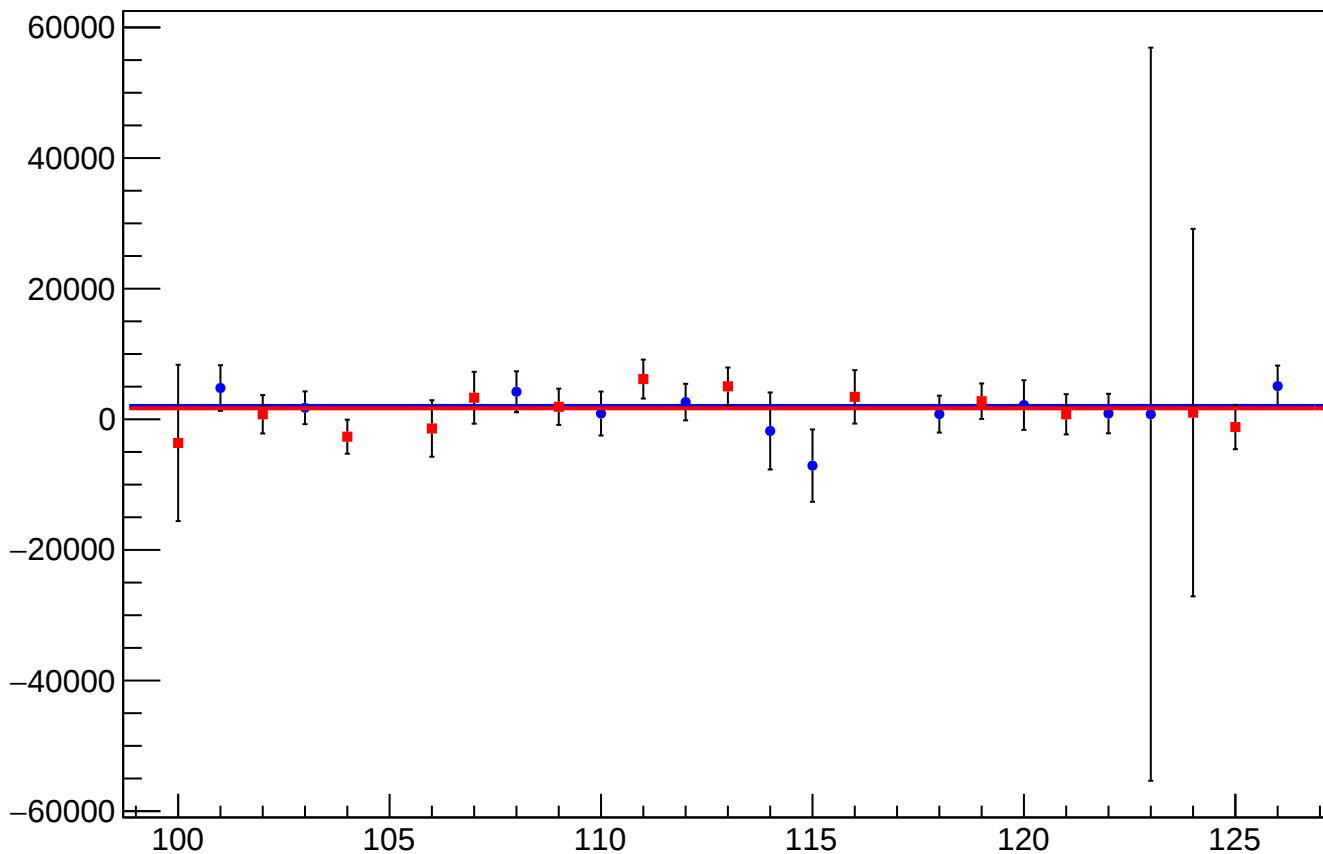
Right: 3194.546+/-0.791 χ^2/NDF : 1478527.4/24

In: 3074.748+/-1.104 χ^2/NDF : 581164.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3194.546+/-0.791 χ^2/NDF : 1478527.4/24

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2045.716+/-987.636 χ^2/NDF : 5.7/11

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

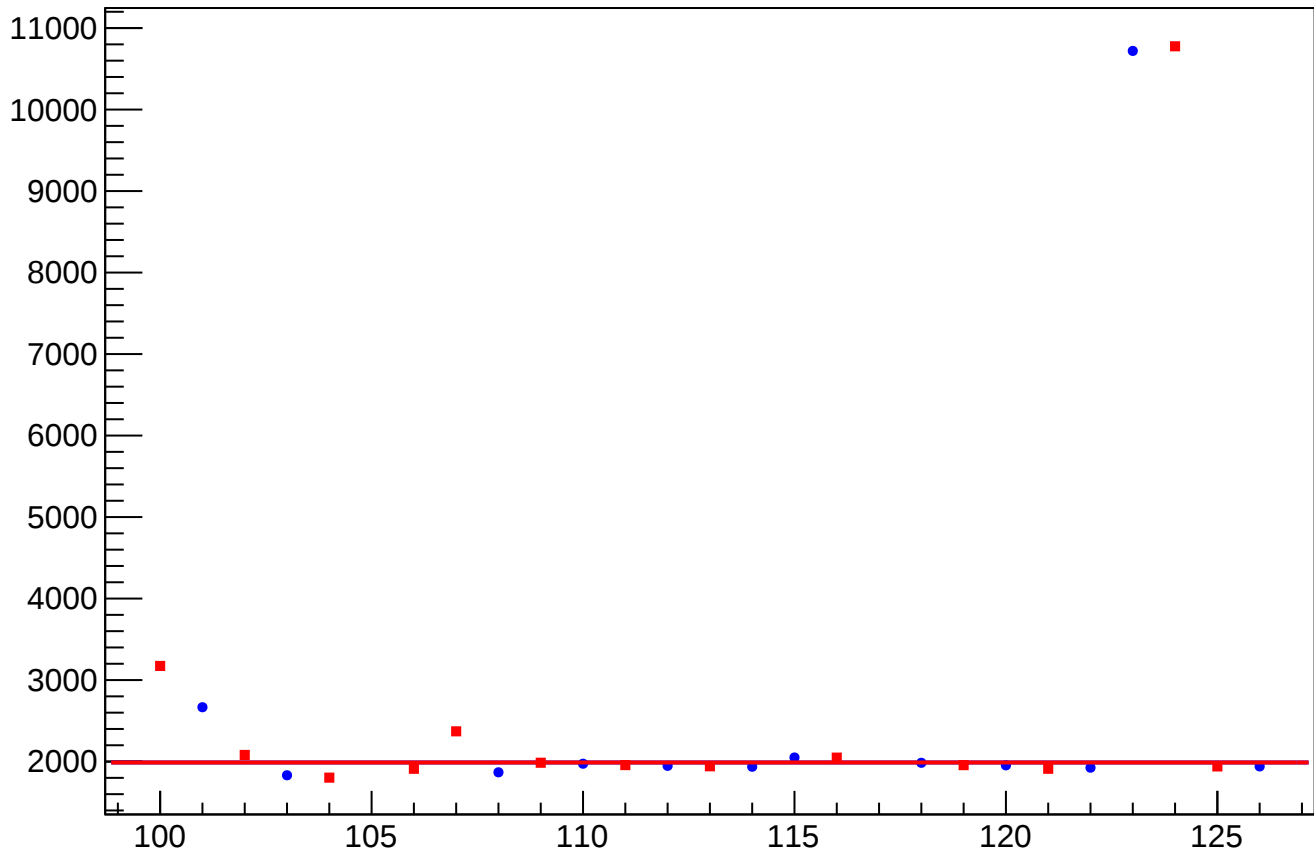
Right: 1855.100+/-679.829 χ^2/NDF : 14.3/24

In: 2045.716+/-987.636 χ^2/NDF : 5.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1855.100+/-679.829 χ^2/NDF : 14.3/24

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1988.775+/-0.698 χ^2/NDF : 136823.1/11

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

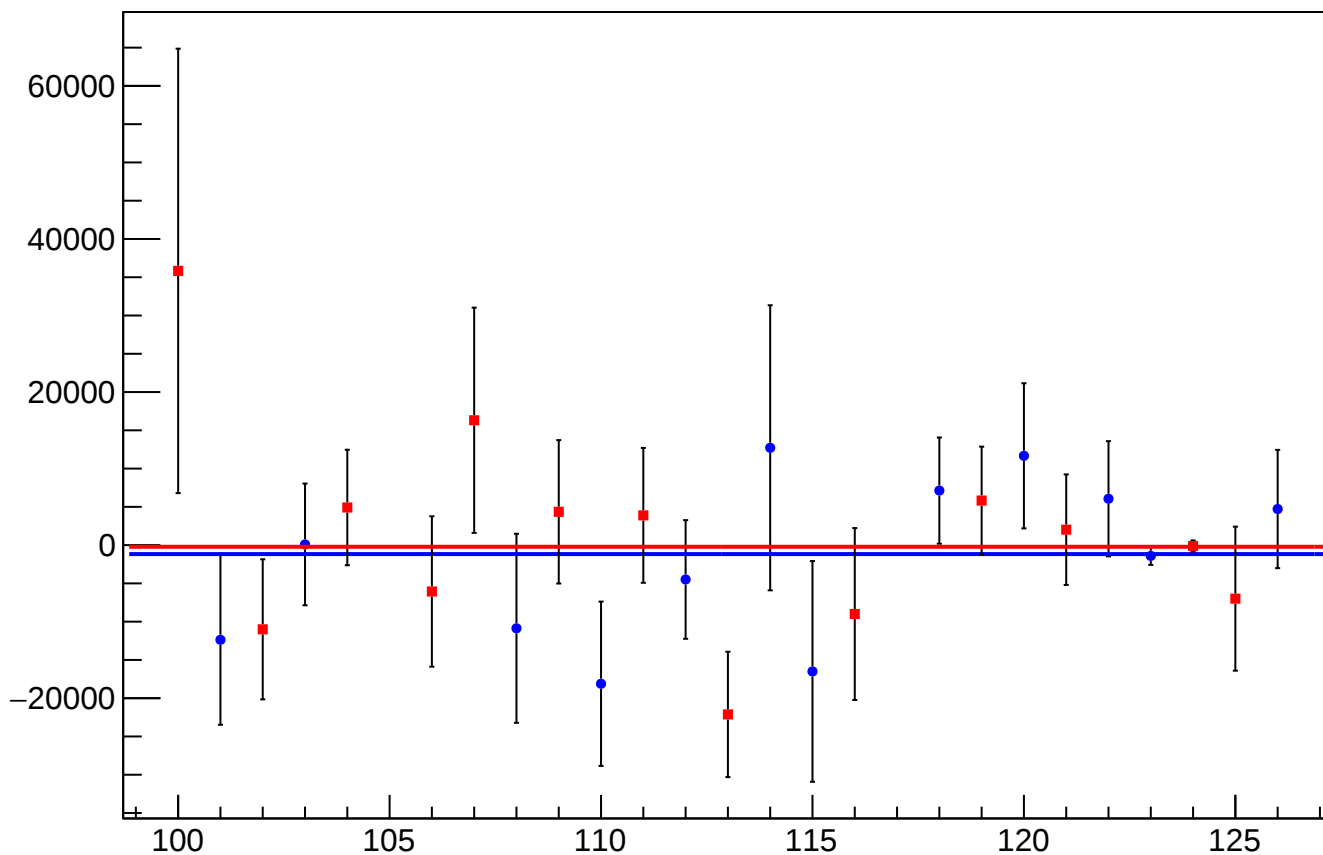
Right: 1988.711+/-0.481 χ^2/NDF : 385982.5/24

In: 1988.775+/-0.698 χ^2/NDF : 136823.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1988.711+/-0.481 χ^2/NDF : 385982.5/24

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -1171.348+/-1082.635 χ^2/NDF : 10.8/11

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

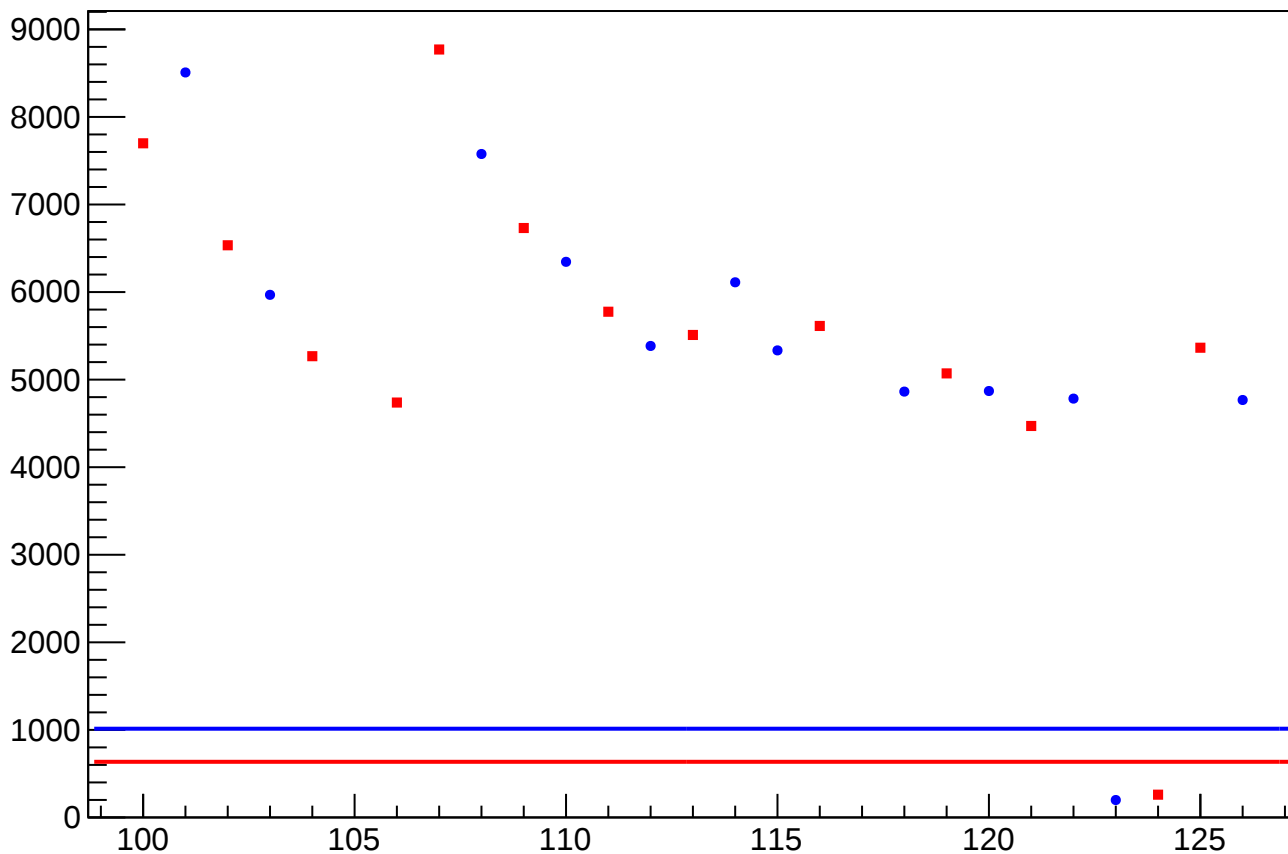
Right: -499.585+/-590.045 χ^2/NDF : 26.0/24

In: -1171.348+/-1082.635 χ^2/NDF : 10.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -499.585+/-590.045 χ^2/NDF : 26.0/24

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1013.454+/-0.766 χ^2/NDF : 6591764.4/11

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

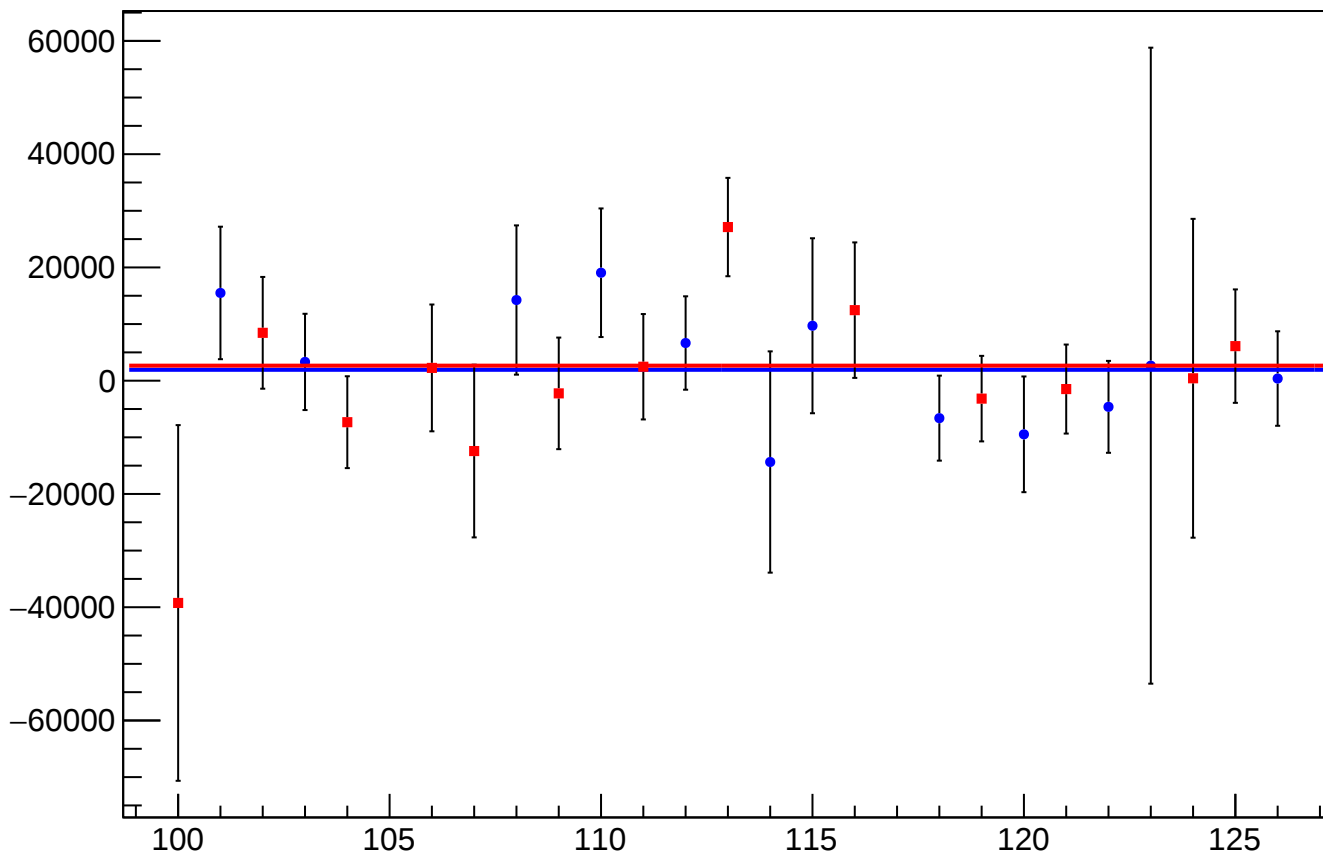
Right: 747.826+/-0.417 χ^2/NDF : 14445396.4/24

In: 1013.454+/-0.766 χ^2/NDF :6591764.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 747.826+/-0.417 χ^2/NDF : 14445396.4/24

asym_atl2_mean vs Slug, Sign Corrected



Right In: 1923.205+/-2970.000 χ^2/NDF : 9.0/11

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

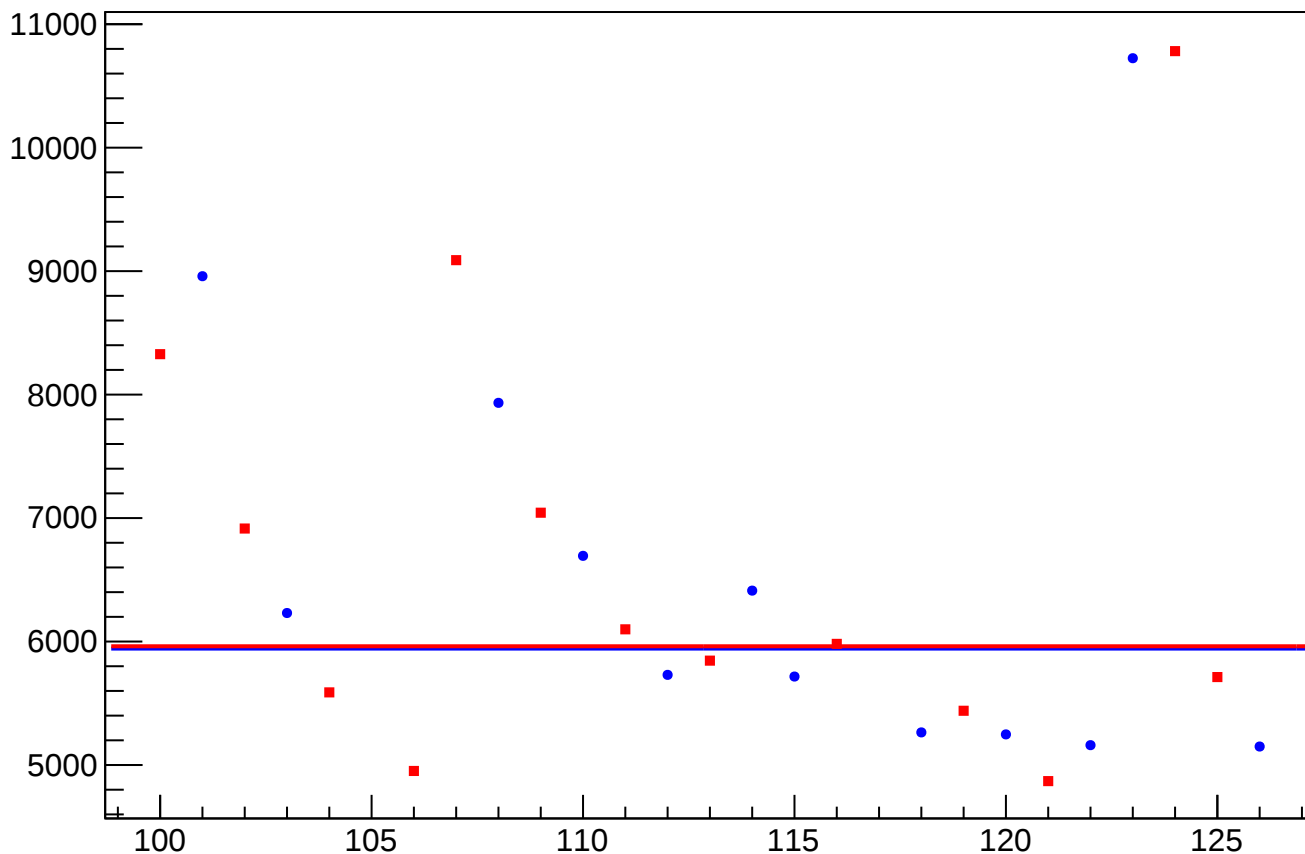
Right: 2309.372+/-2044.730 χ^2/NDF : 23.5/24

In: 1923.205+/-2970.000 χ^2/NDF : 9.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2309.372+/-2044.730 χ^2/NDF : 23.5/24

asym_atl2_rms vs Slug, Sign Corrected



Right In: 5943.024+/-2.100 χ^2/NDF : 269281.1/11

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

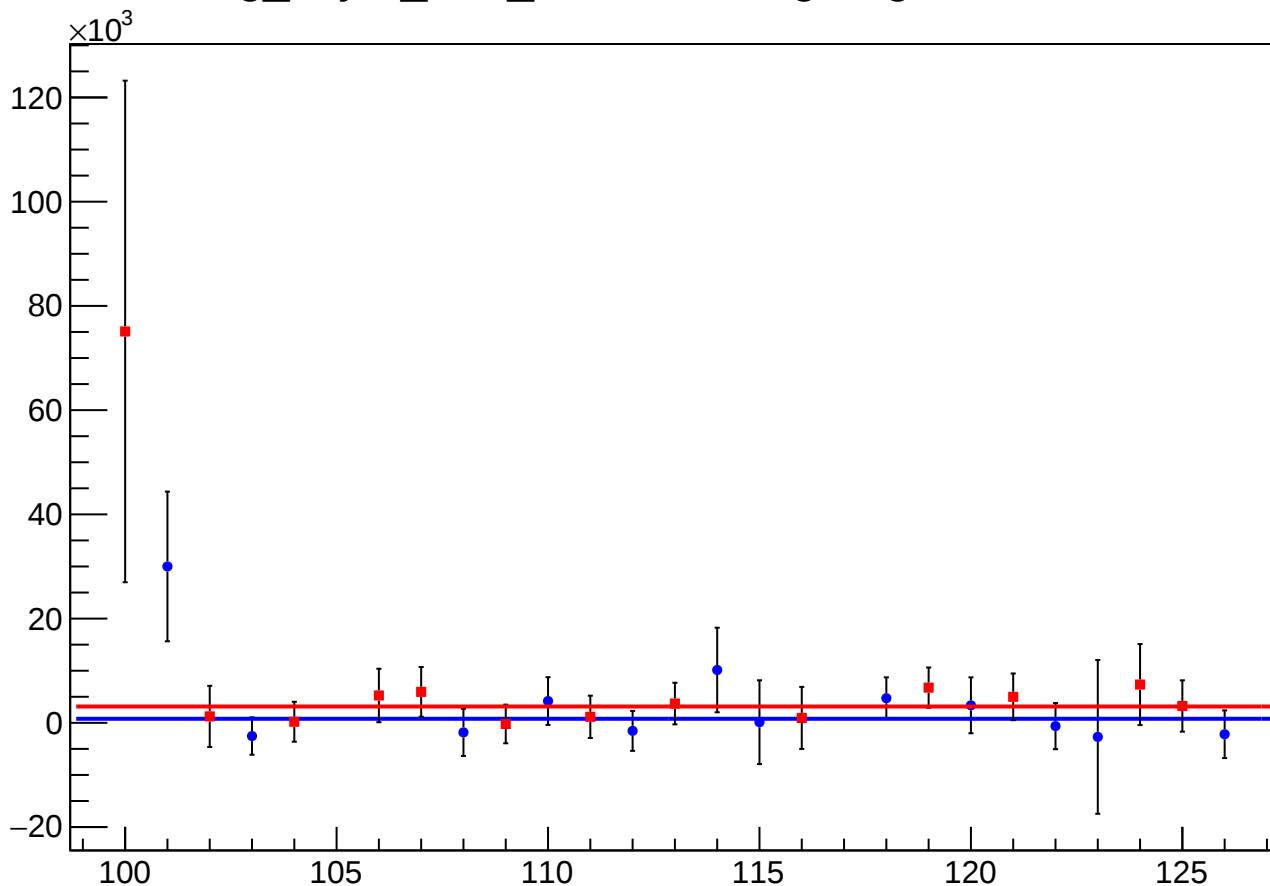
Right: 5952.854+/-1.446 χ^2/NDF : 536993.2/24

In: 5943.024+/-2.100 χ^2/NDF : 269281.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5952.854+/-1.446 χ^2/NDF : 536993.2/24

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: 777.748+/-1445.324 χ^2/NDF : 9.4/11

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

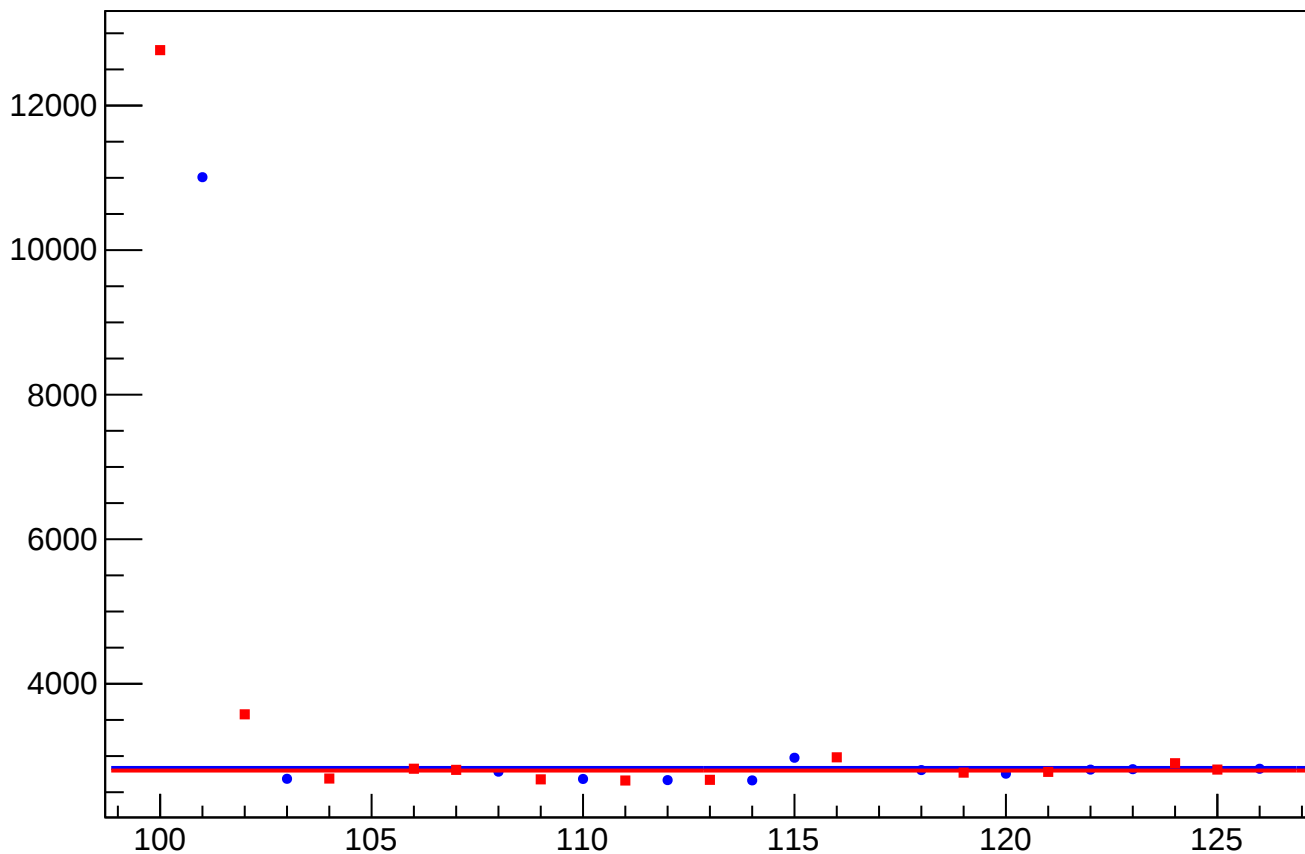
Right: 2066.021+/-972.505 χ^2/NDF : 16.8/24

In: 777.748+/-1445.324 χ^2/NDF : 9.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2066.021+/-972.505 χ^2/NDF : 16.8/24

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2835.495+/-1.022 χ^2/NDF : 659657.5/11

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

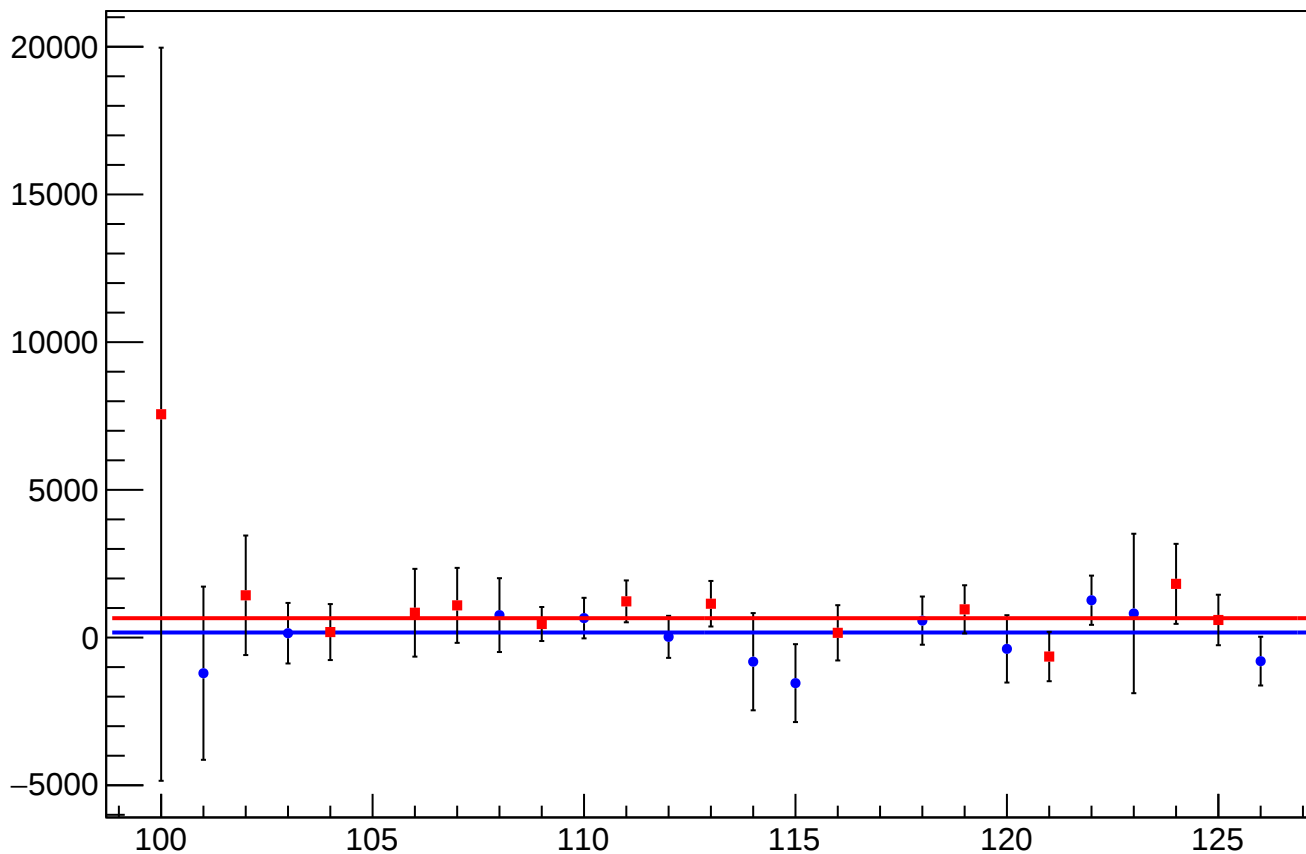
Right: 2815.954+/-0.688 χ^2/NDF : 791954.4/24

In: 2835.495+/-1.022 χ^2/NDF : 659657.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2815.954+/-0.688 χ^2/NDF : 791954.4/24

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: 171.588+/-287.830 χ^2 /NDF: 6.7/11

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

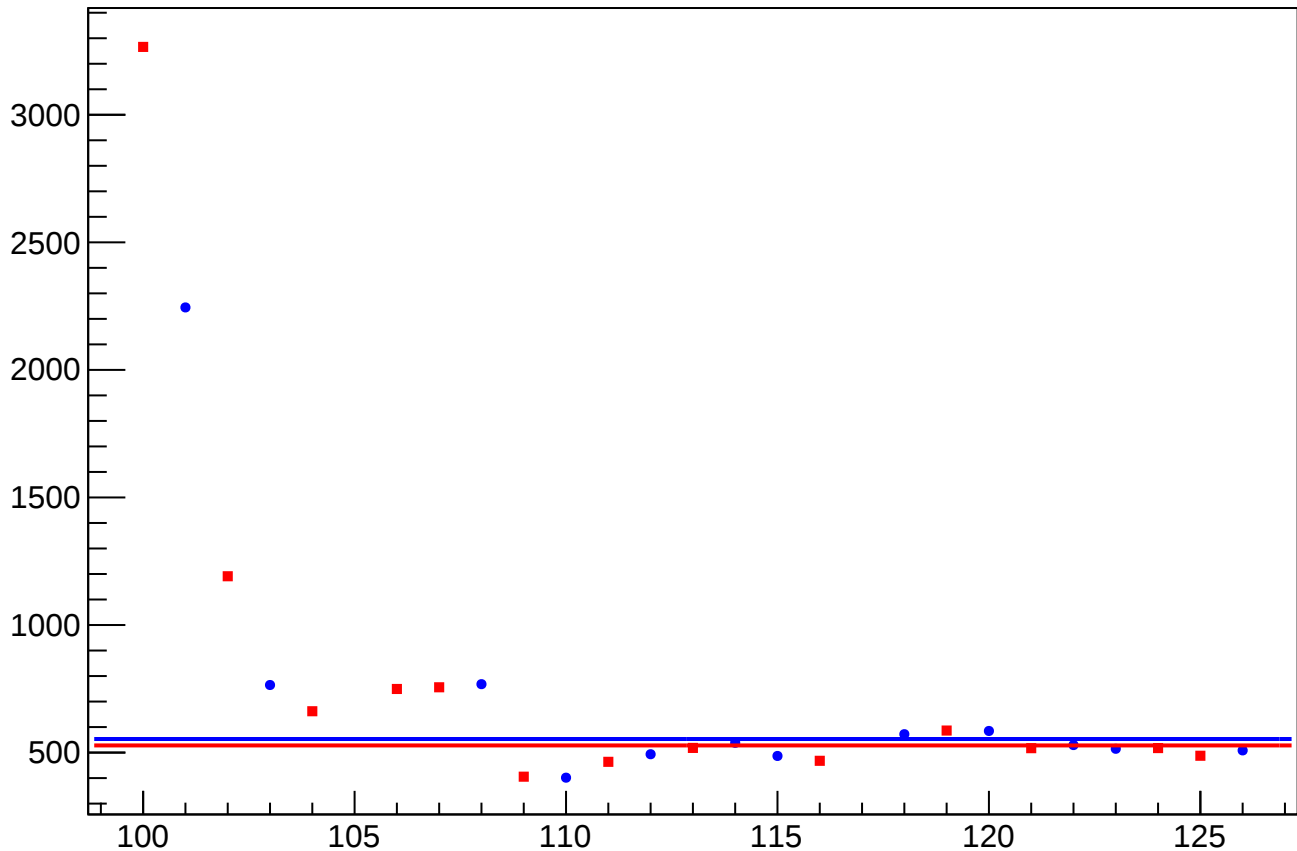
Right: 440.809+/-191.782 χ^2 /NDF: 13.8/24

In: 171.588+/-287.830 χ^2 /NDF:6.7/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 440.809+/-191.782 χ^2 /NDF: 13.8/24

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 553.209+/-0.204 χ^2/NDF : 937888.5/11

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

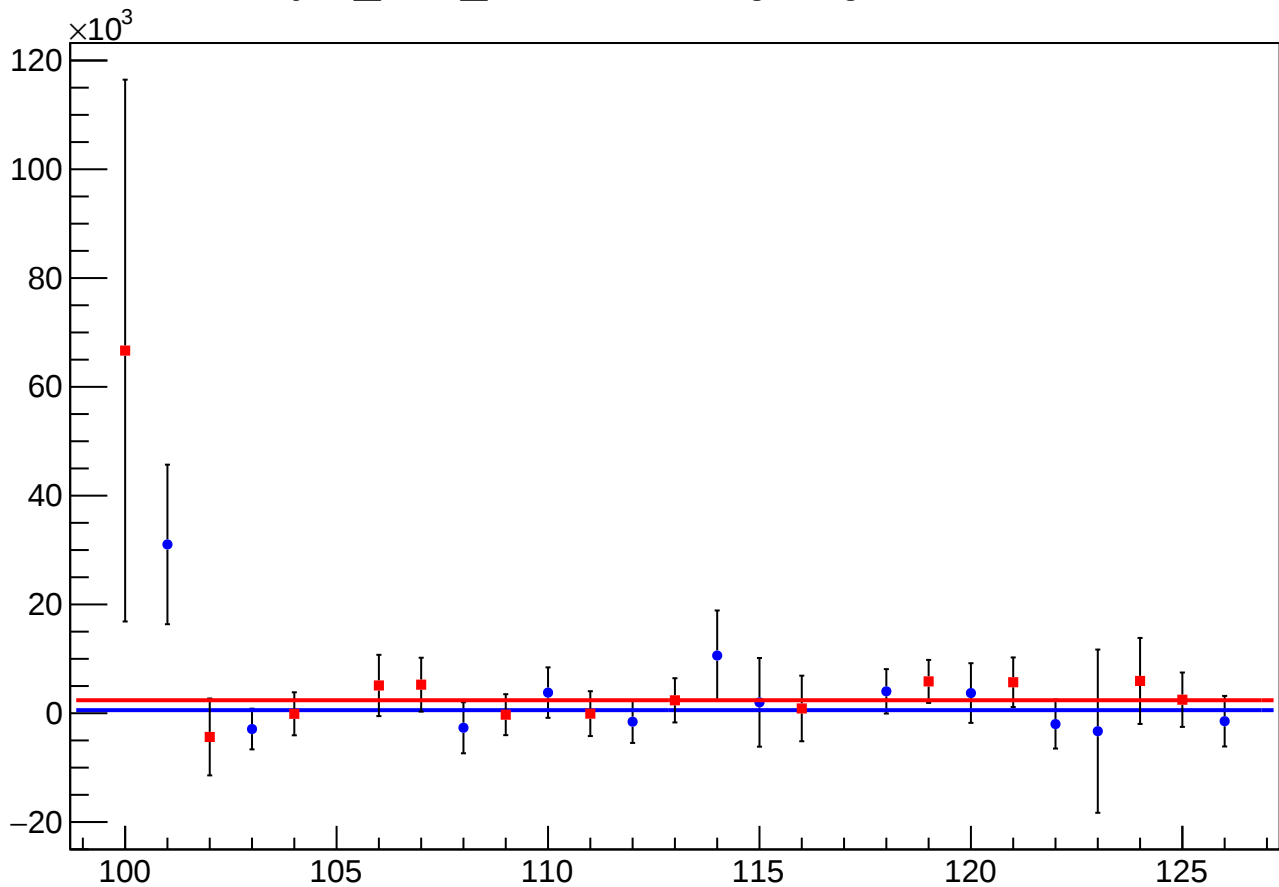
Right: 539.198+/-0.136 χ^2/NDF : 1538185.6/24

In: 553.209+/-0.204 χ^2/NDF : 937888.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 539.198+/-0.136 χ^2/NDF : 1538185.6/24

asym_atr1_mean vs Slug, Sign Corrected



Right In: 564.939+/-1479.826 χ^2/NDF : 9.6/11

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

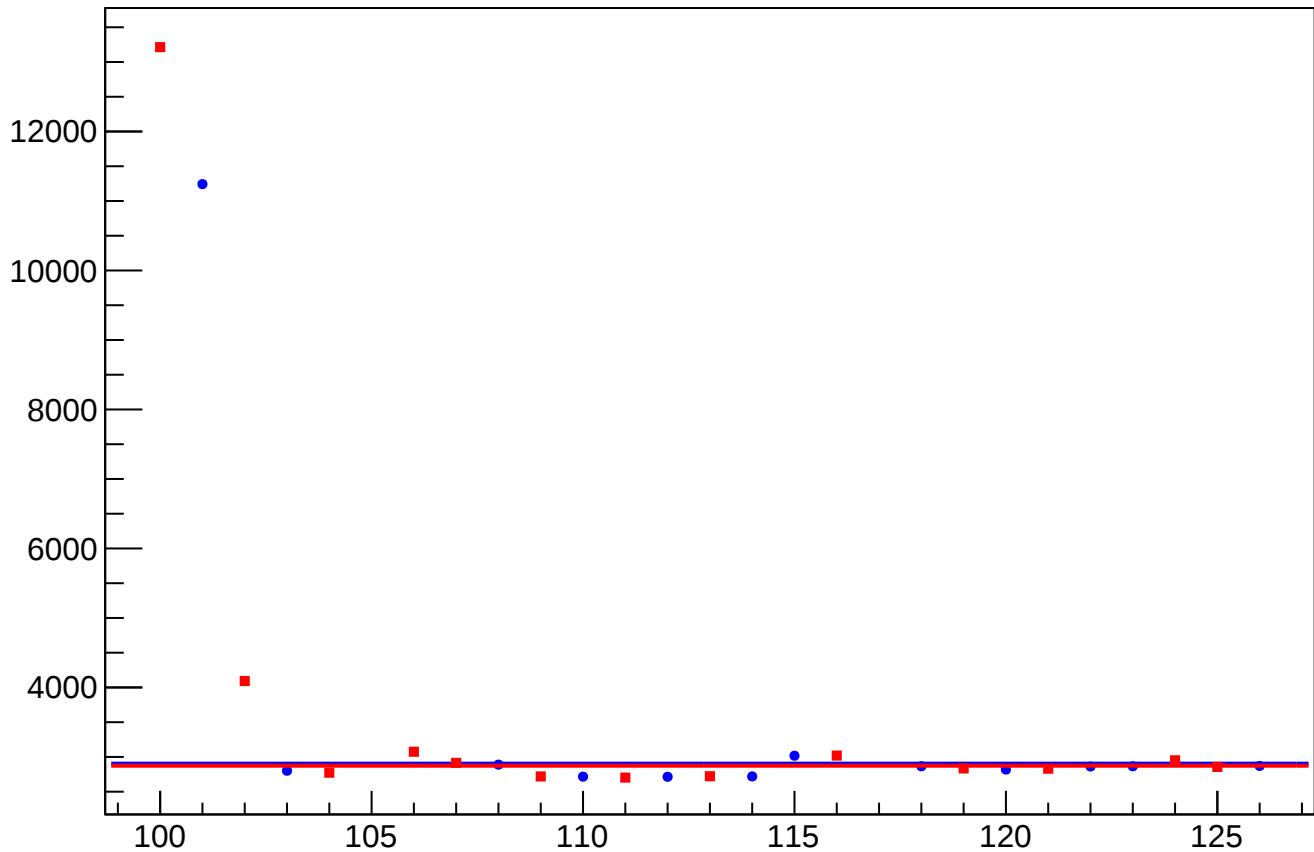
Right: 1555.835+/-1000.471 χ^2/NDF : 16.3/24

In: 564.939+/-1479.826 χ^2/NDF : 9.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1555.835+/-1000.471 χ^2/NDF : 16.3/24

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2903.554+/-1.046 χ^2/NDF : 658366.1/11

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

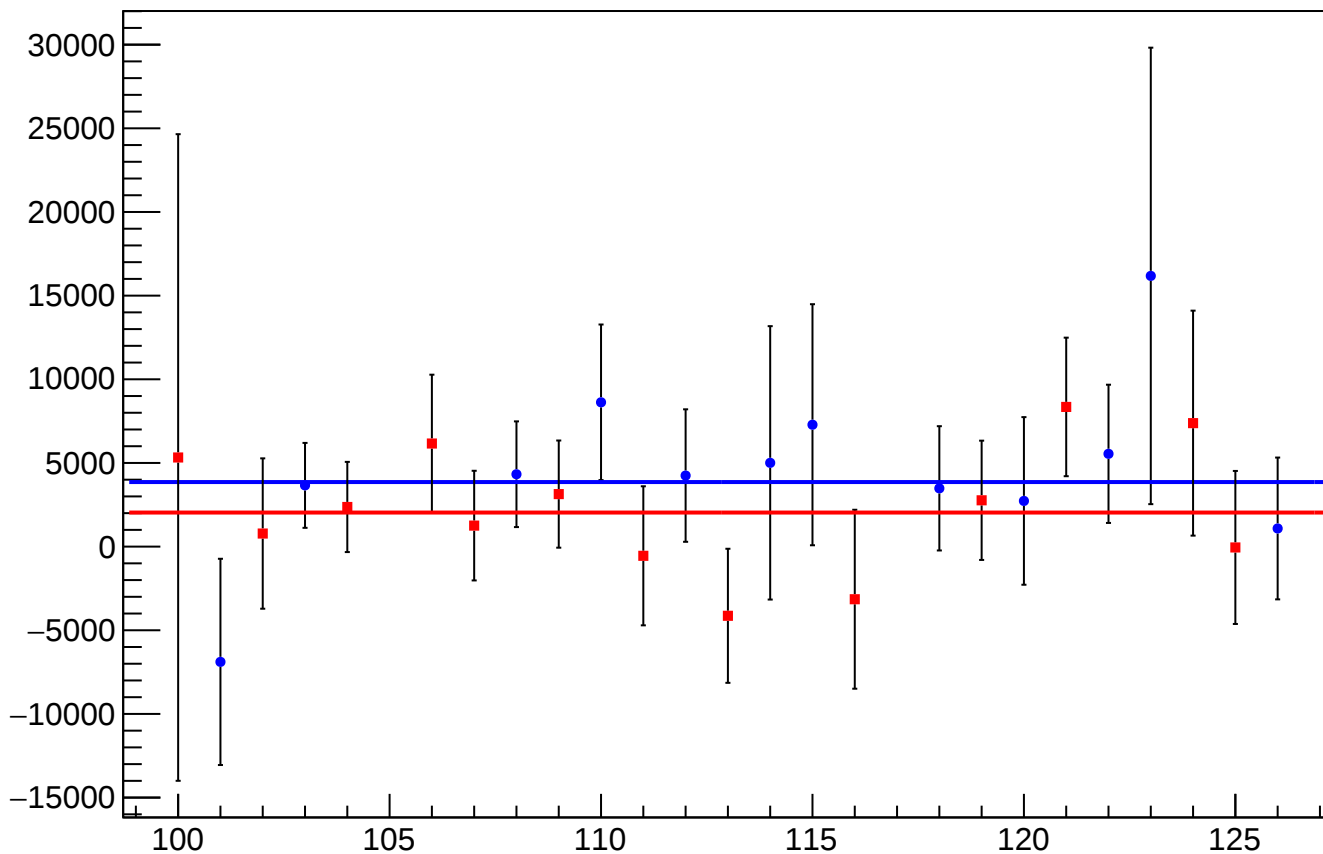
Right: 2887.440+/-0.707 χ^2/NDF : 819859.5/24

In: 2903.554+/-1.046 χ^2/NDF : 658366.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2887.440+/-0.707 χ^2/NDF : 819859.5/24

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3858.419+/-1232.634 χ^2/NDF : 5.8/11

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

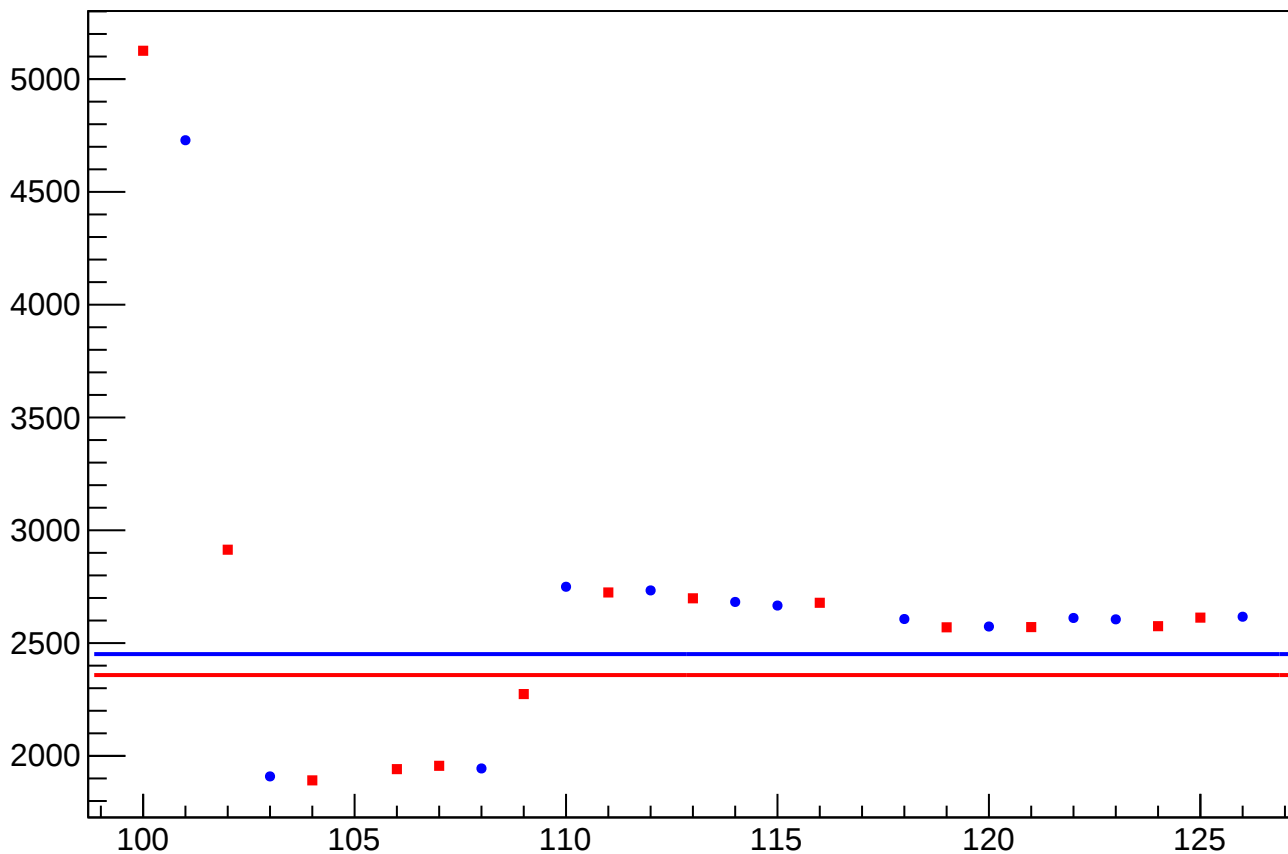
Right: 2857.534+/-827.646 χ^2/NDF : 15.3/24

In: 3858.419+/-1232.634 χ^2/NDF : 5.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2857.534+/-827.646 χ^2/NDF : 15.3/24

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2451.210+/-0.872 χ^2/NDF : 448781.3/11

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

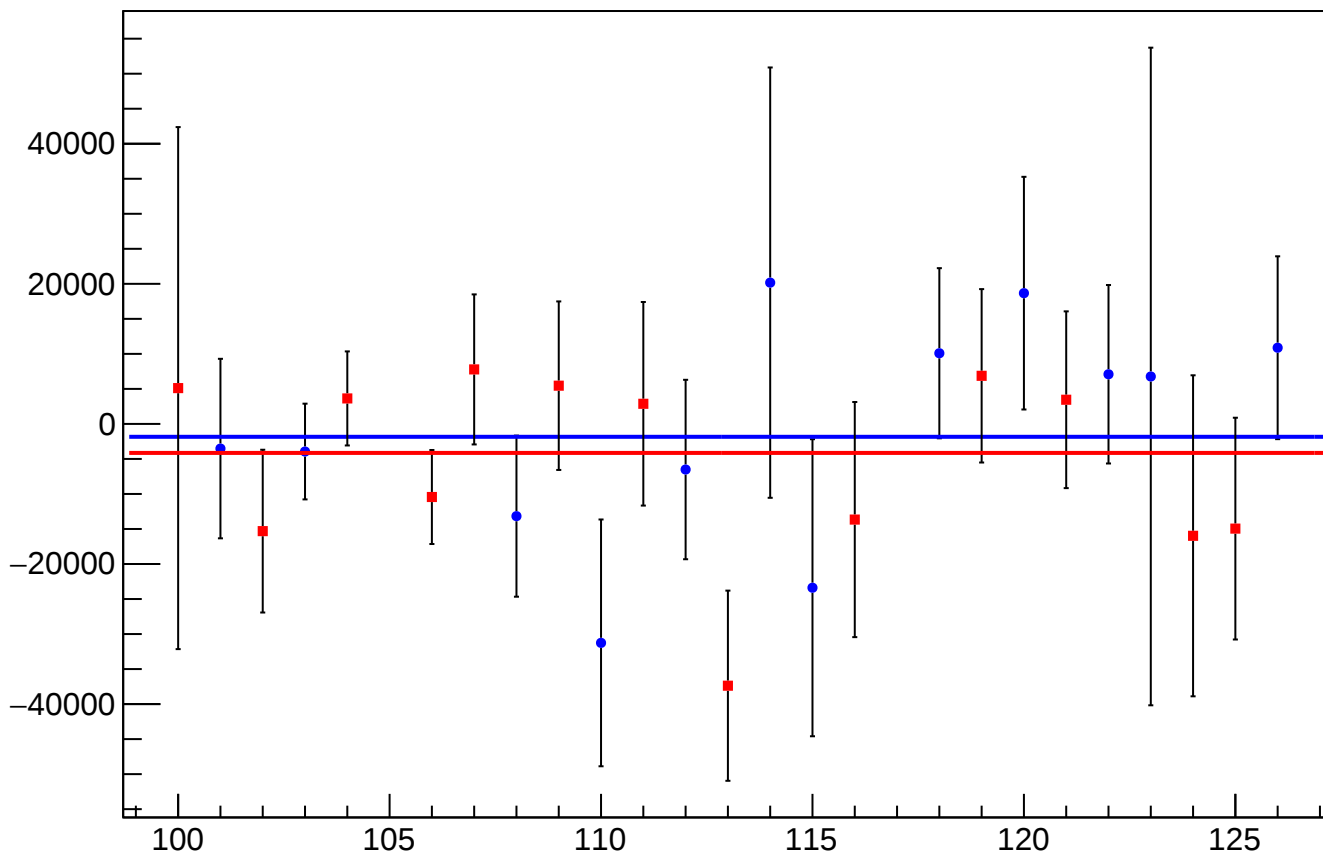
Right: 2400.170+/-0.585 χ^2/NDF : 696408.9/24

In: 2451.210+/-0.872 χ^2/NDF : 448781.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2400.170+/-0.585 χ^2/NDF : 696408.9/24

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -1839.360+/-3764.800 χ^2/NDF : 9.5/11

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

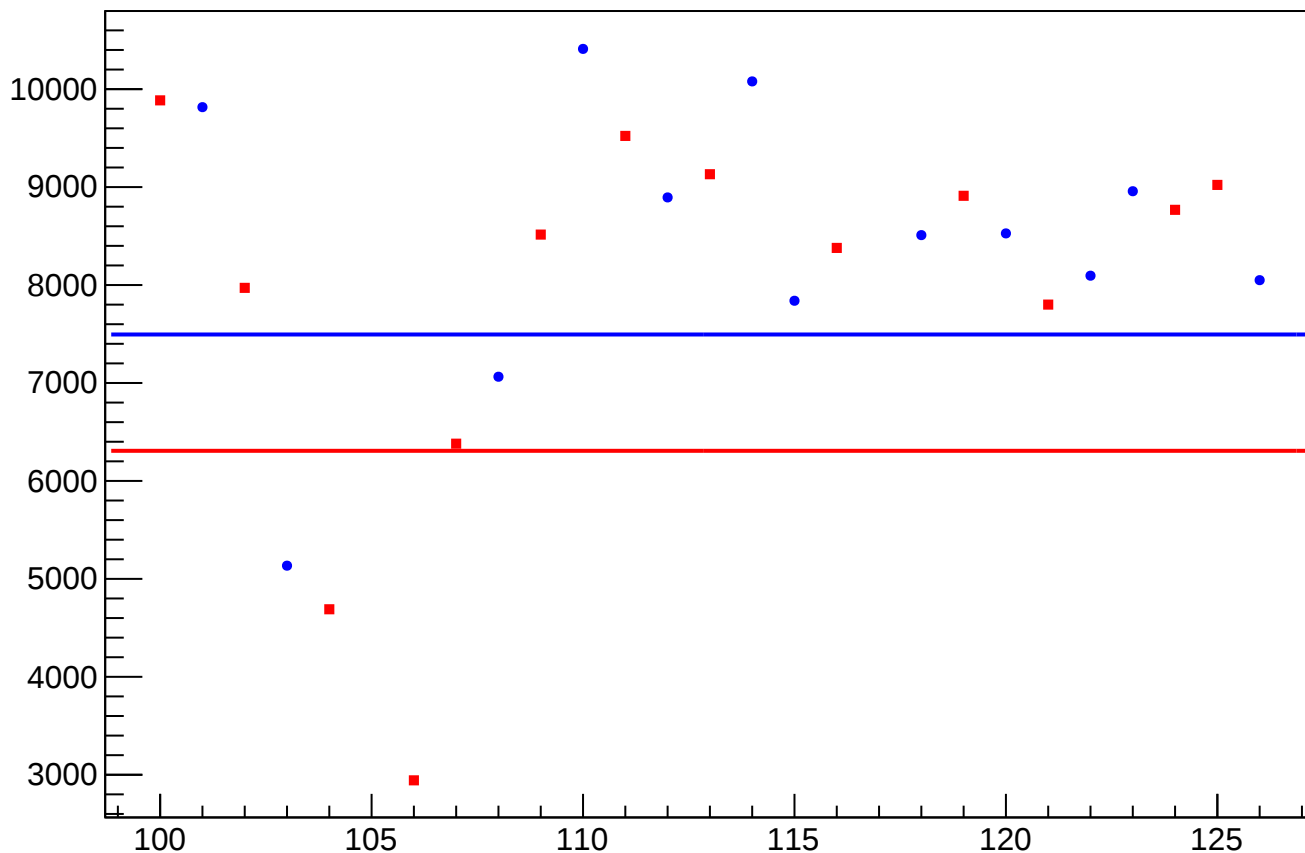
Right: -3191.920+/-2417.555 χ^2/NDF : 23.3/24

In: -1839.360+/-3764.800 χ^2/NDF : 9.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3191.920+/-2417.555 χ^2/NDF : 23.3/24

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 7495.077 ± 2.662 $\chi^2/\text{NDF}: 432021.8/11$

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

Right Out: 6307.484 ± 2.230 $\chi^2/\text{NDF}: 1158782.2/12$

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

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

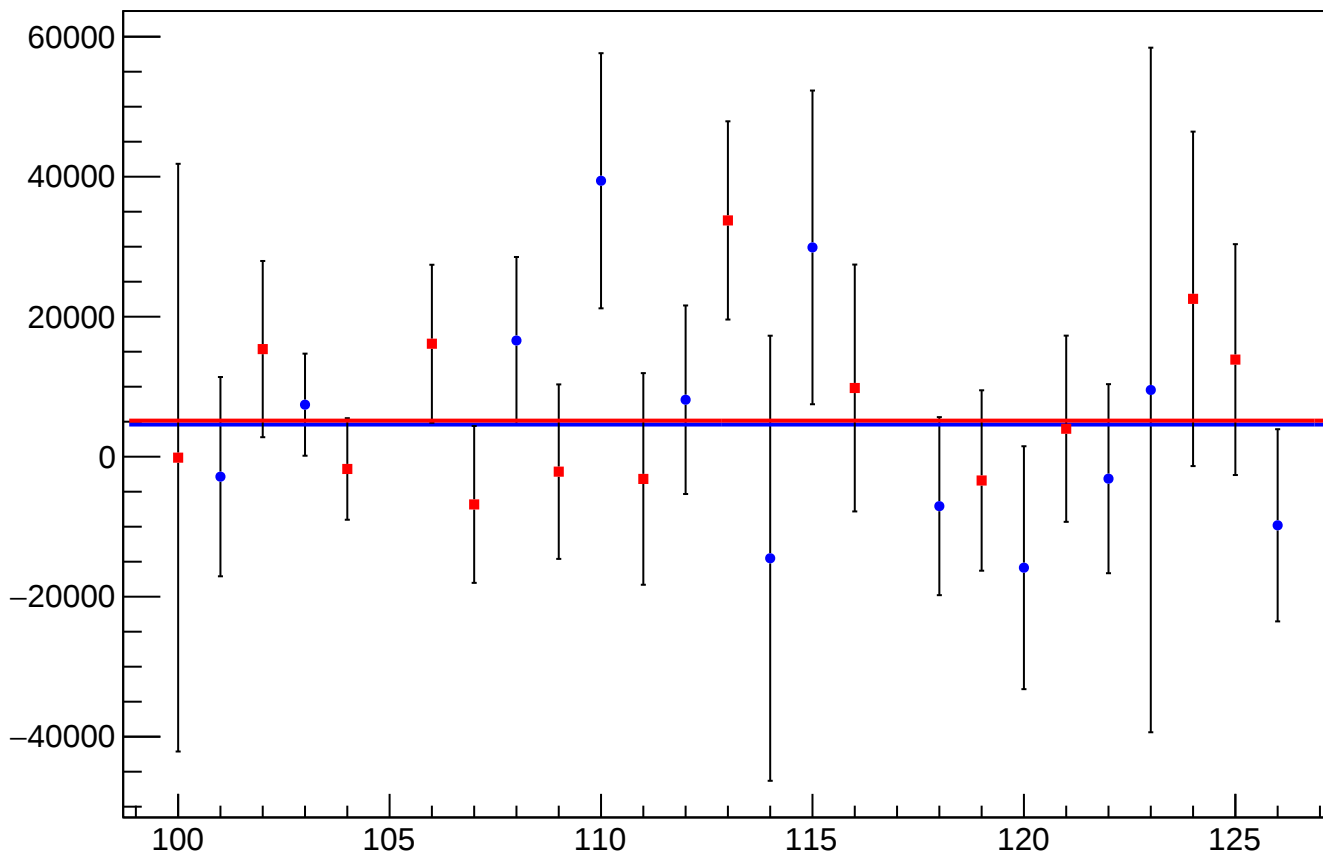
Right: 6797.191 ± 1.709 $\chi^2/\text{NDF}: 1707753.4/24$

In: 7495.077 ± 2.662 $\chi^2/\text{NDF}: 432021.8/11$

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

All: 6797.191 ± 1.709 $\chi^2/\text{NDF}: 1707753.4/24$

asym_atr2_mean vs Slug, Sign Corrected



Right In: 4594.159+/-3984.680 χ^2/NDF : 10.5/11

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

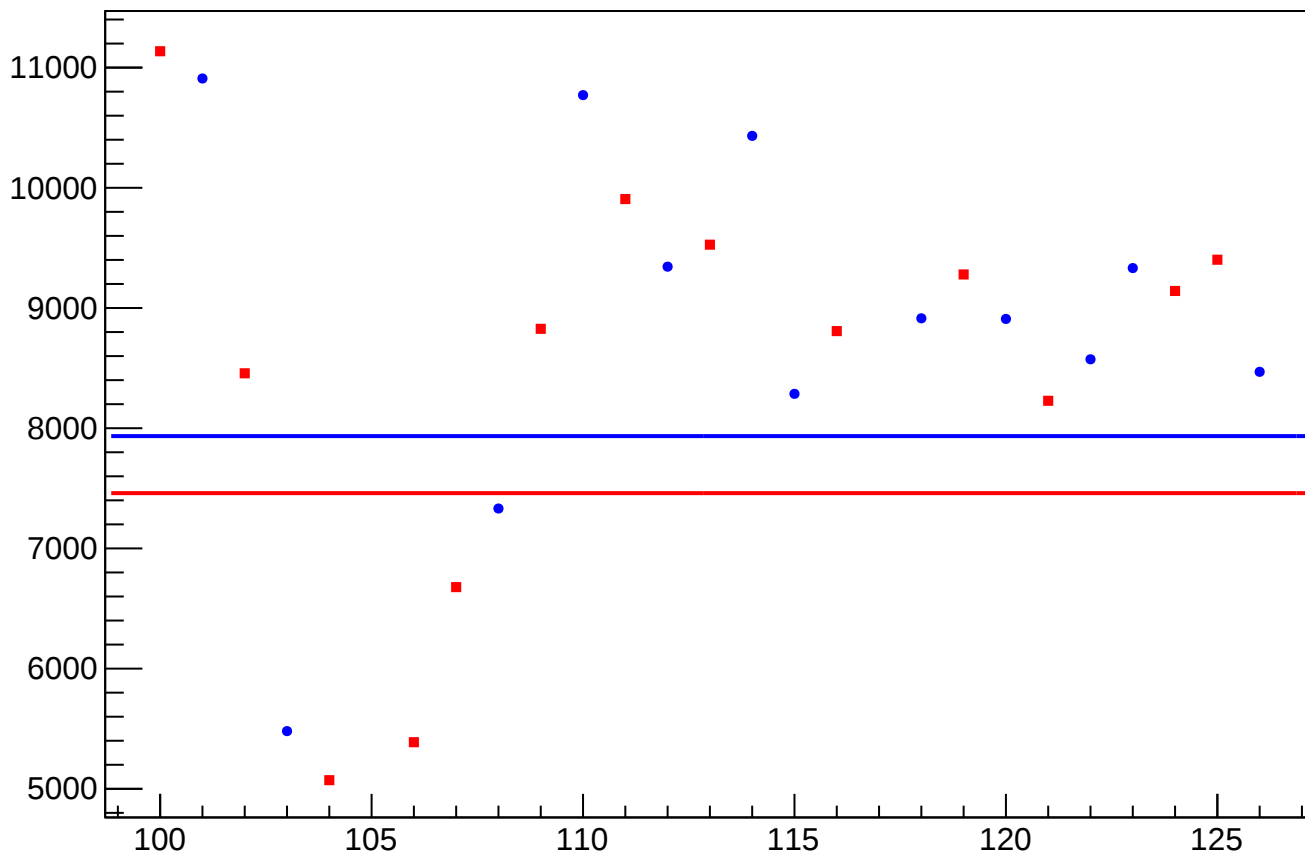
Right: 4902.922+/-2664.912 χ^2/NDF : 20.2/24

In: 4594.159+/-3984.680 χ^2/NDF : 10.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4902.922+/-2664.912 χ^2/NDF : 20.2/24

asym_atr2_rms vs Slug, Sign Corrected



Right In: 7934.383+/-2.818 χ^2/NDF : 429584.1/11

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

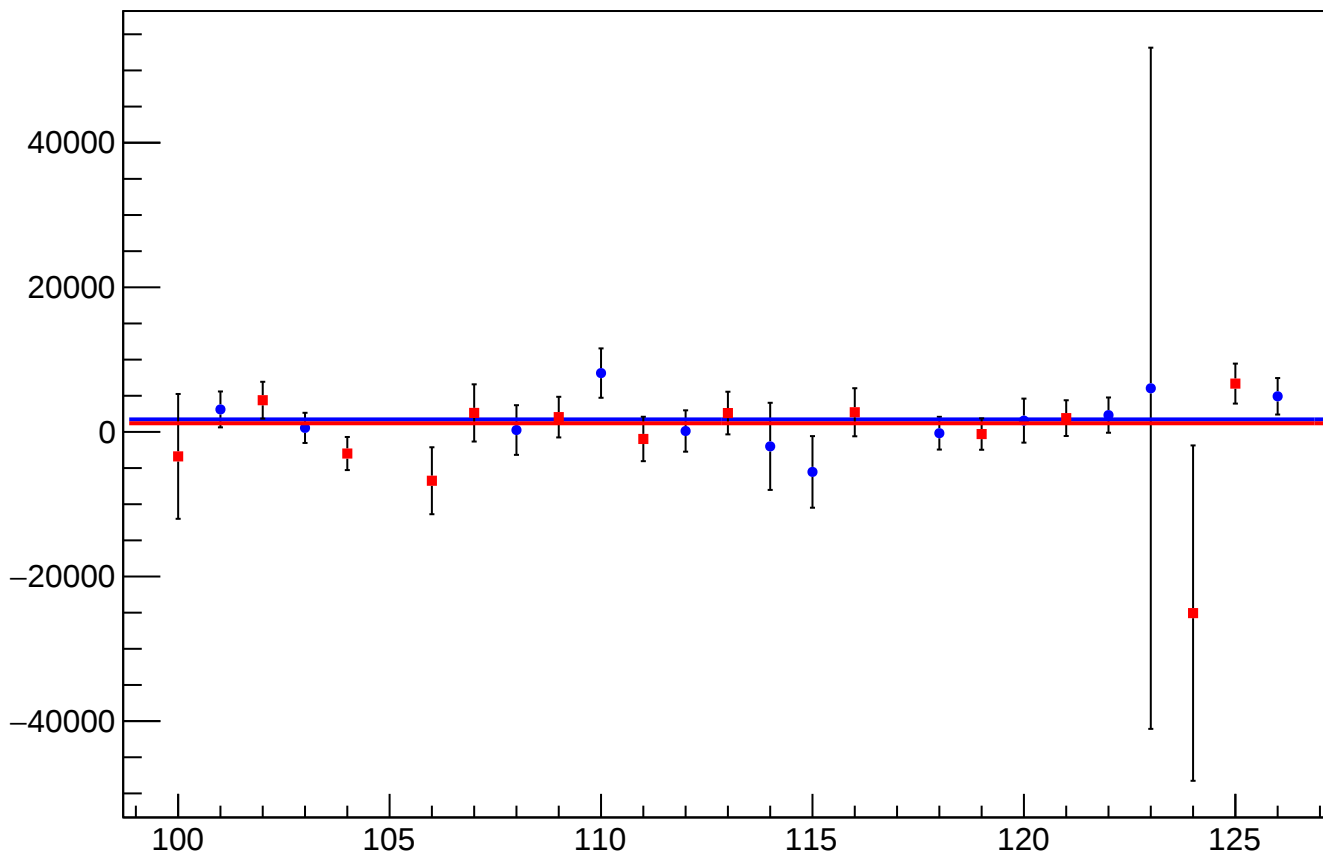
Right: 7672.078+/-1.884 χ^2/NDF : 982144.4/24

In: 7934.383+/-2.818 χ^2/NDF : 429584.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7672.078+/-1.884 χ^2/NDF : 982144.4/24

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1729.573+/-850.825 χ^2/NDF : 9.6/11

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

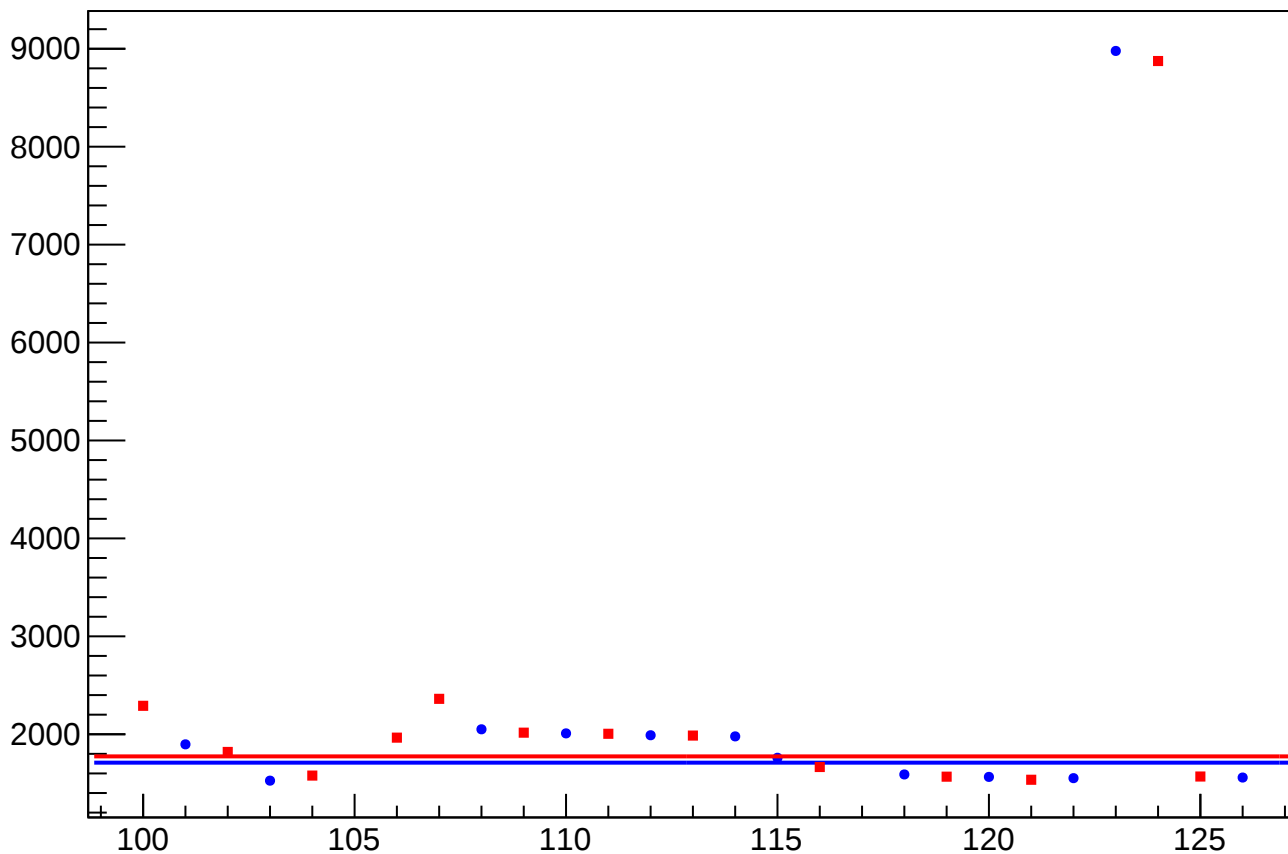
Right: 1459.297+/-598.050 χ^2/NDF : 24.8/24

In: 1729.573+/-850.825 χ^2/NDF : 9.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1459.297+/-598.050 χ^2/NDF : 24.8/24

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1709.984+/-0.602 χ^2/NDF : 158674.5/11

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

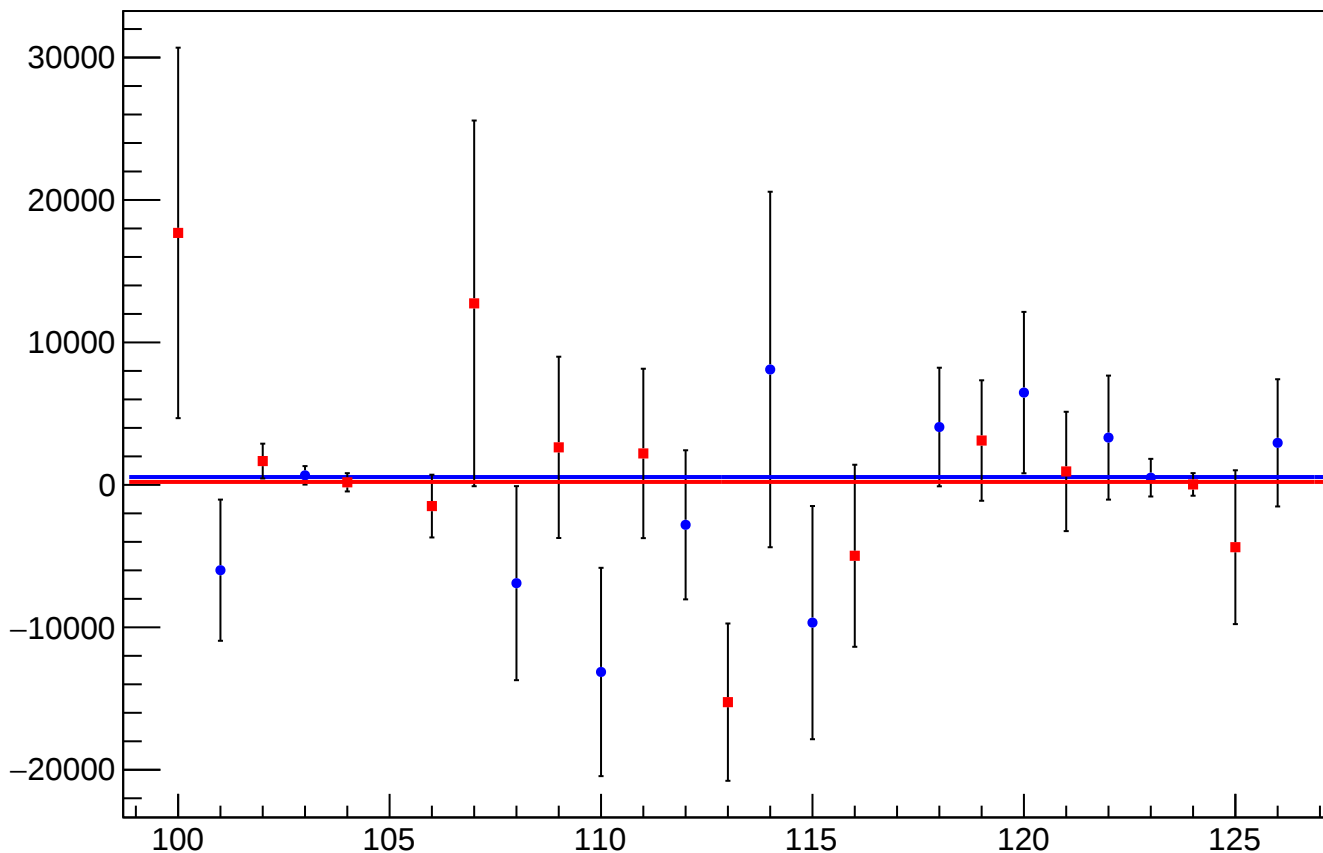
Right: 1742.622+/-0.421 χ^2/NDF : 509858.4/24

In: 1709.984+/-0.602 χ^2/NDF : 158674.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1742.622+/-0.421 χ^2/NDF : 509858.4/24

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 551.380+/-552.105 χ^2/NDF : 11.3/11

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

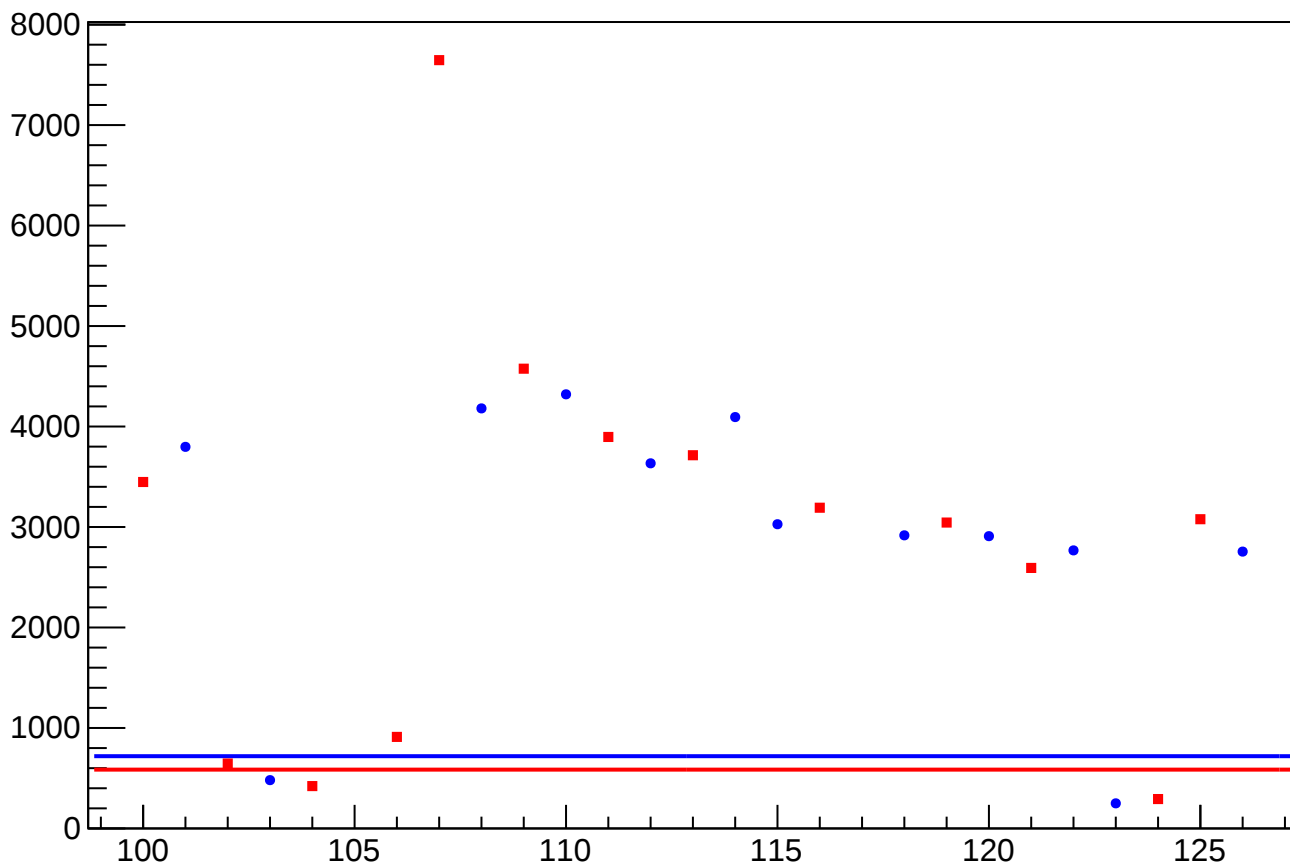
Right: 340.921+/-344.041 χ^2/NDF : 26.4/24

In: 551.380+/-552.105 χ^2/NDF : 11.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 340.921+/-344.041 χ^2/NDF : 26.4/24

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 719.199+/-0.390 χ^2/NDF : 4936306.4/11

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

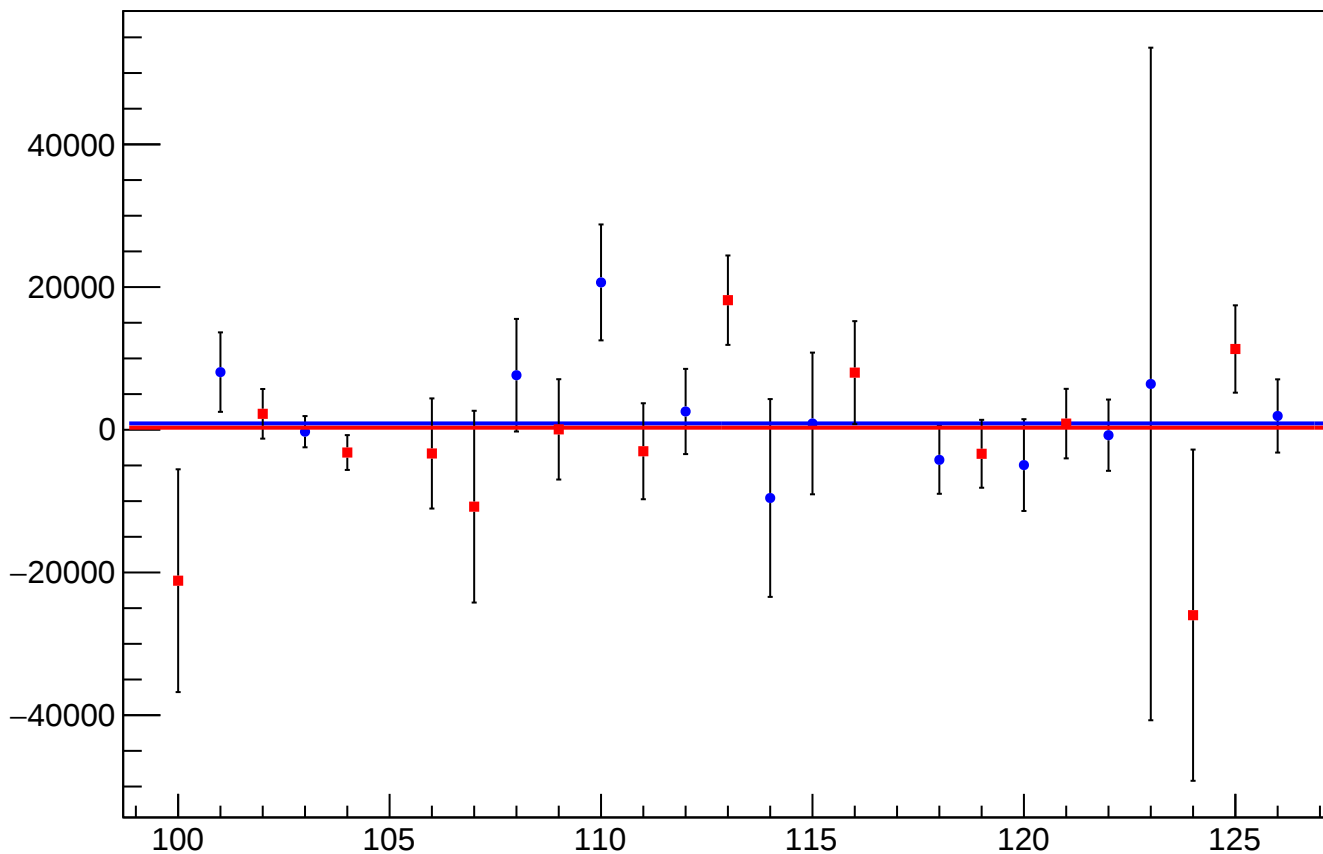
Right: 637.403+/-0.243 χ^2/NDF : 10105028.4/24

In: 719.199+/-0.390 χ^2/NDF : 4936306.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 637.403+/-0.243 χ^2/NDF : 10105028.4/24

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 889.263+/-1470.358 χ^2/NDF : 11.4/11

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

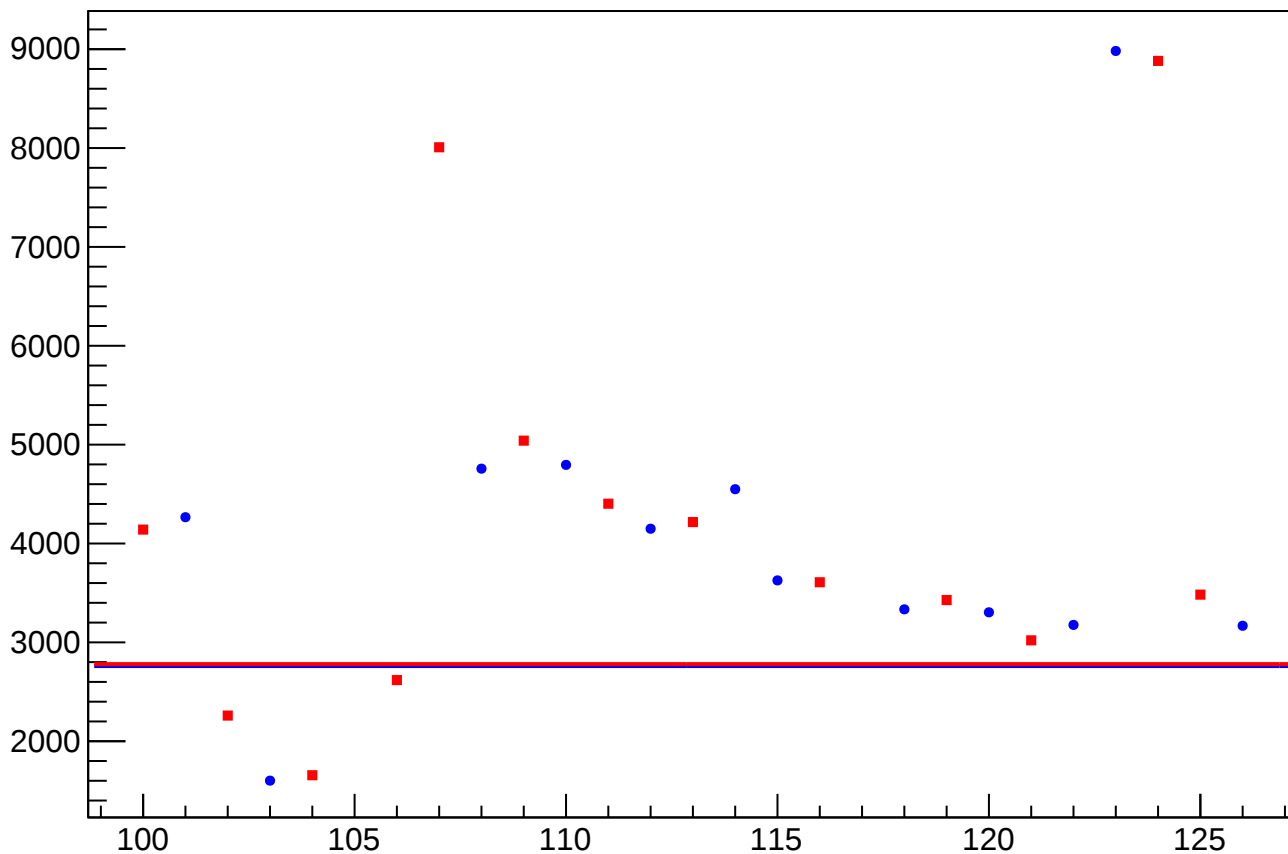
Right: 585.856+/-1030.705 χ^2/NDF : 31.3/24

In: 889.263+/-1470.358 χ^2/NDF : 11.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 585.856+/-1030.705 χ^2/NDF : 31.3/24

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 2760.345+/-1.040 χ^2/NDF : 1222196.3/11

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

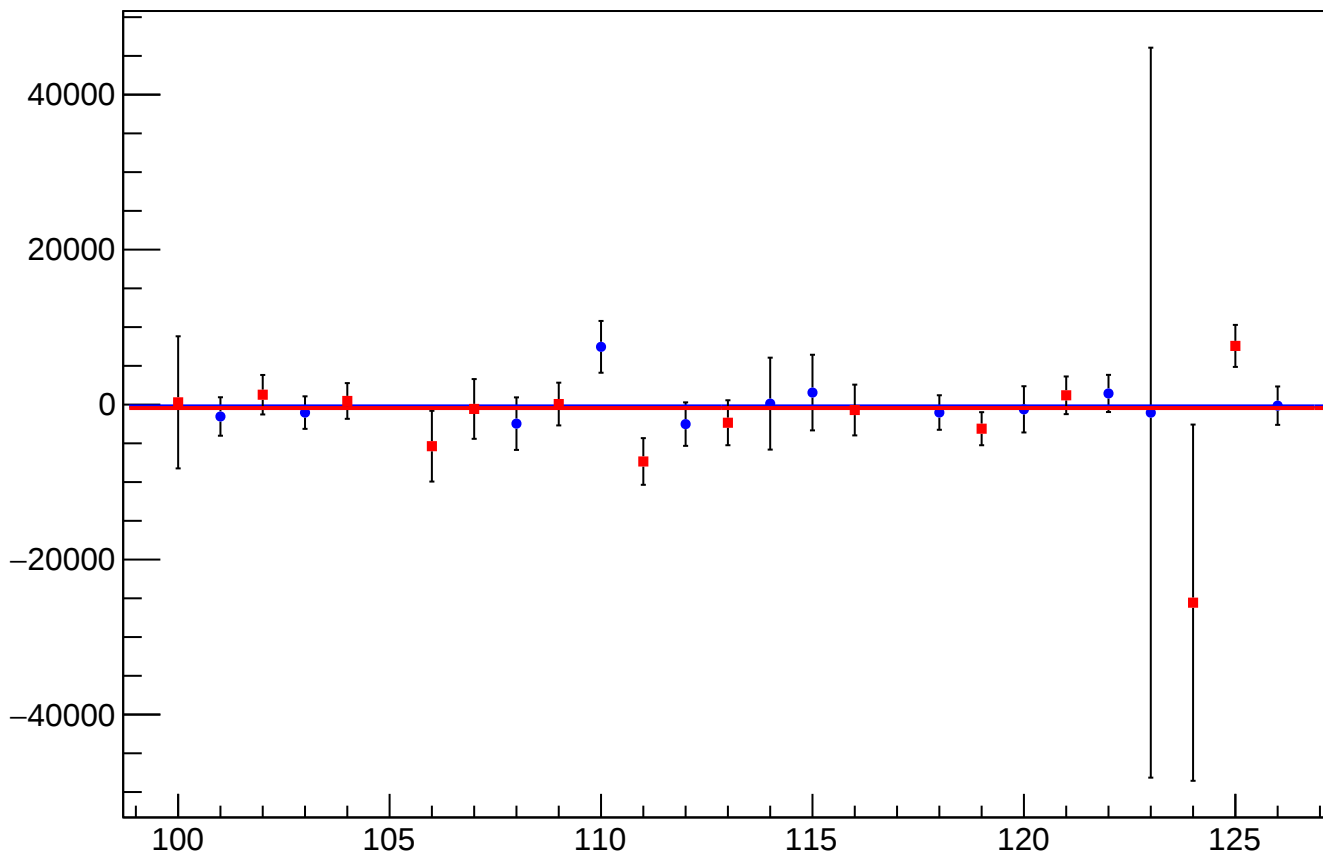
Right: 2770.619+/-0.722 χ^2/NDF : 2672262.1/24

In: 2760.345+/-1.040 χ^2/NDF : 1222196.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2770.619+/-0.722 χ^2/NDF : 2672262.1/24

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -232.351+/-840.954 χ^2/NDF : 7.6/11

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

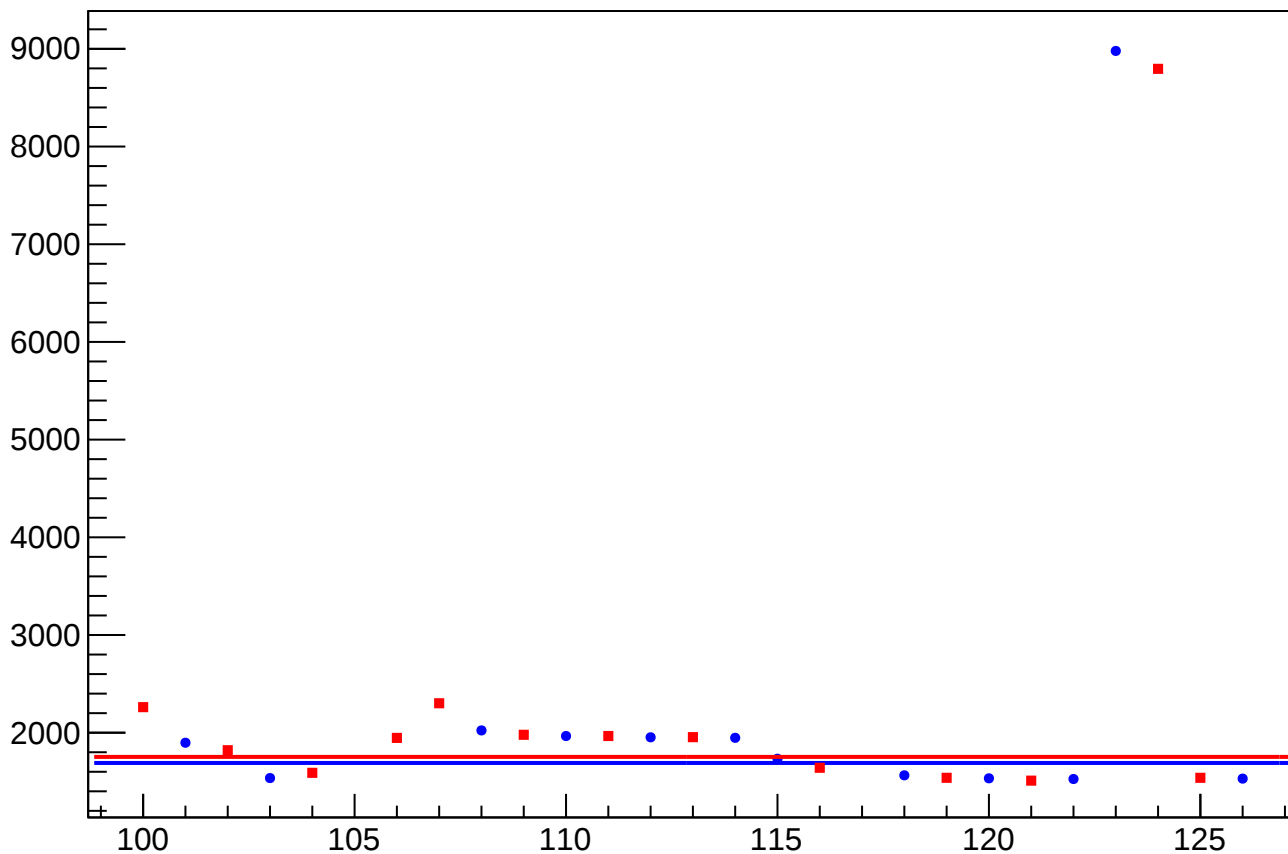
Right: -341.016+/-590.742 χ^2/NDF : 27.1/24

In: -232.351+/-840.954 χ^2/NDF : 7.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -341.016+/-590.742 χ^2/NDF : 27.1/24

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1690.317+/-0.595 χ^2/NDF : 156731.0/11

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

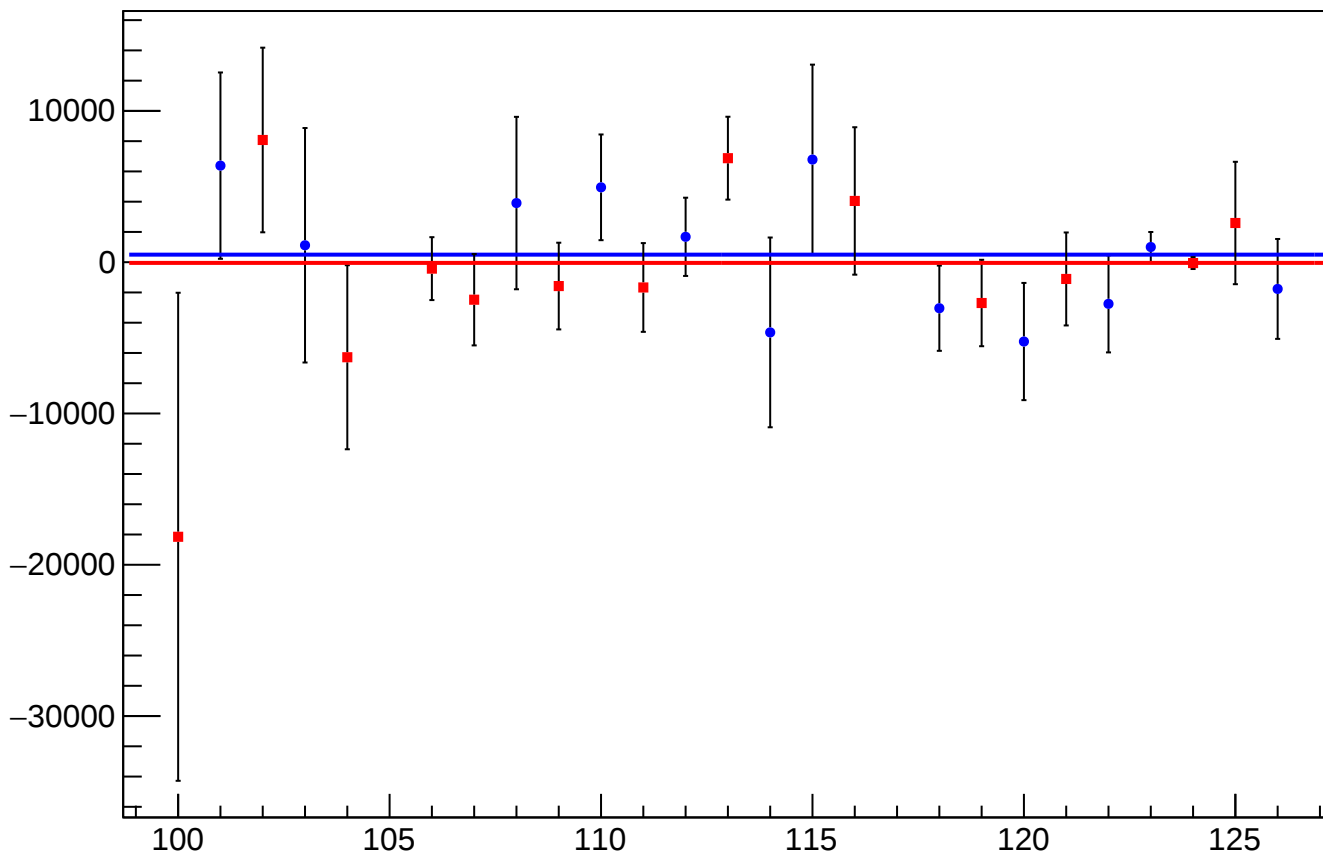
Right: 1721.938+/-0.416 χ^2/NDF : 502412.7/24

In: 1690.317+/-0.595 χ^2/NDF : 156731.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1721.938+/-0.416 χ^2/NDF : 502412.7/24

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 499.028+/-755.588 χ^2/NDF : 10.3/11

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

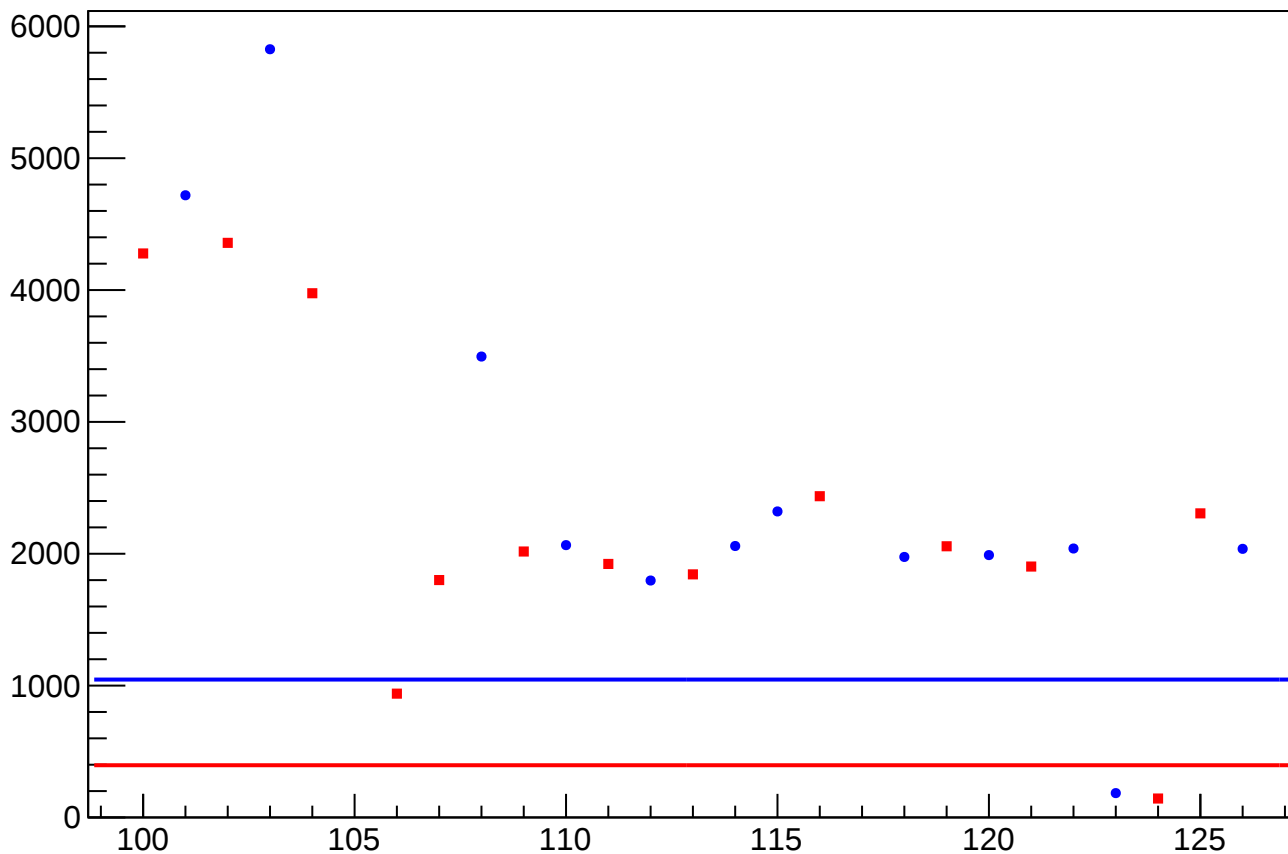
Right: 55.968+/-327.640 χ^2/NDF : 24.6/24

In: 499.028+/-755.588 χ^2/NDF :10.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 55.968+/-327.640 χ^2/NDF : 24.6/24

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 1045.833+/-0.534 χ^2/NDF : 4528982.3/11

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

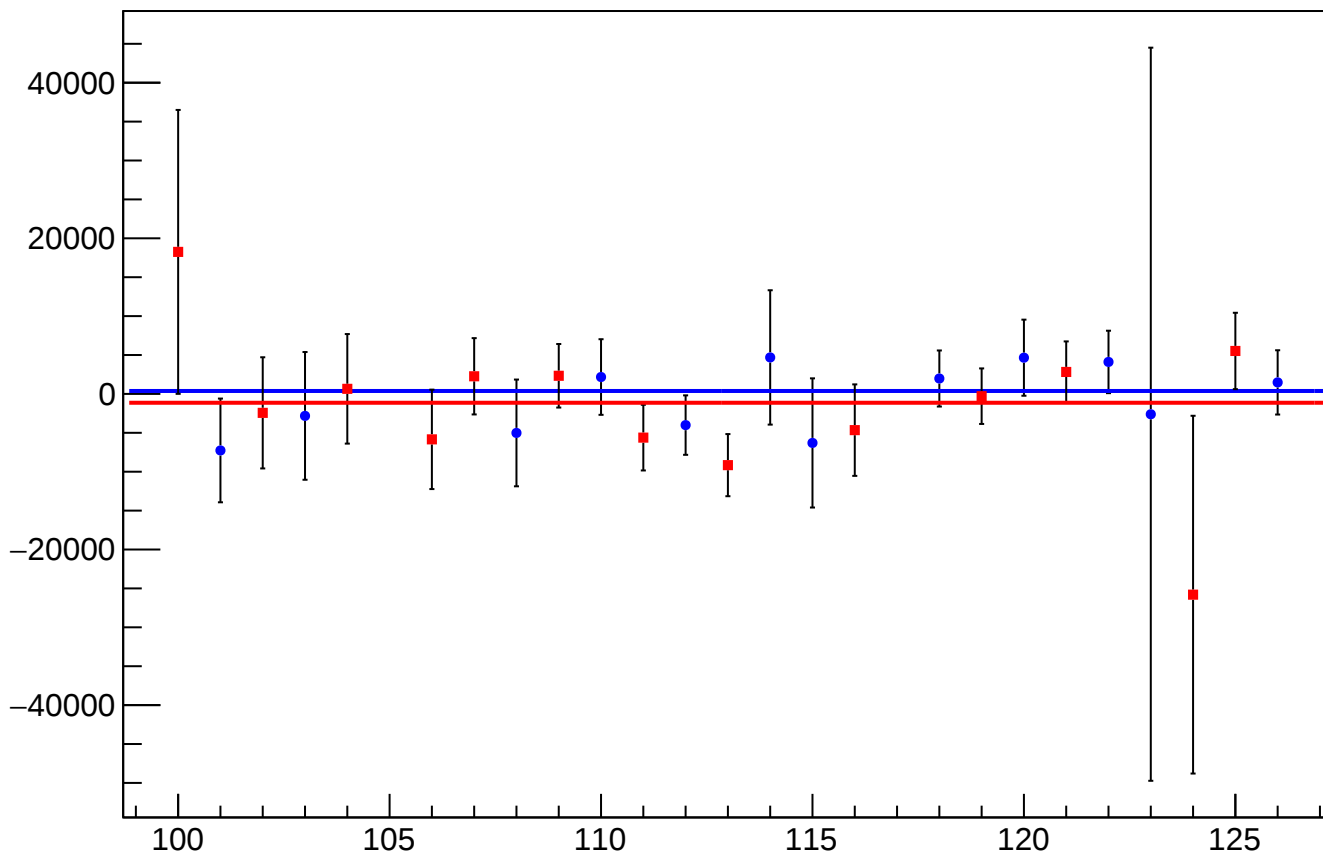
Right: 518.242+/-0.232 χ^2/NDF : 12468069.7/24

In: 1045.833+/-0.534 χ^2/NDF : 4528982.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 518.242+/-0.232 χ^2/NDF : 12468069.7/24

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 376.986+/-1512.227 χ^2/NDF : 6.3/11

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

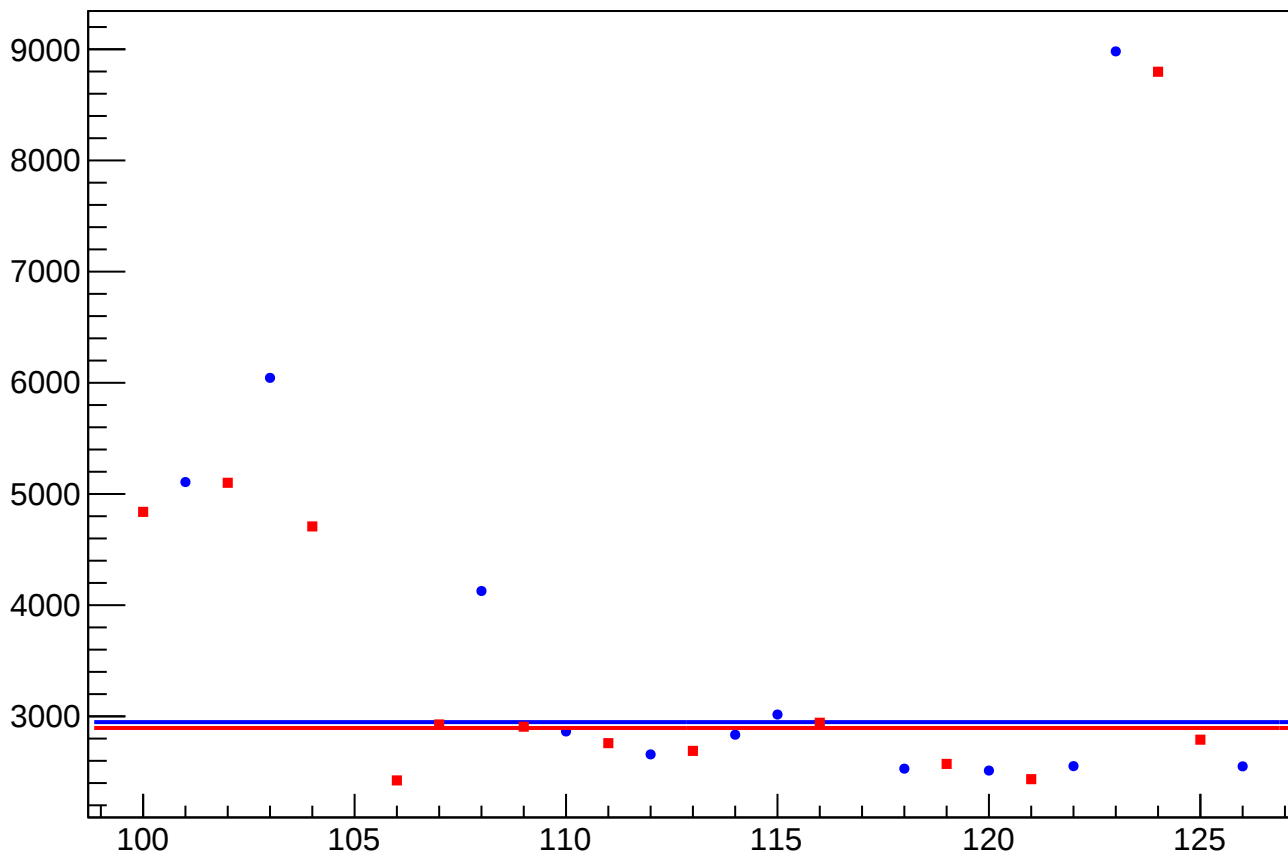
Right: -433.260+/-1031.102 χ^2/NDF : 19.4/24

In: 376.986+/-1512.227 χ^2/NDF : 6.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -433.260+/-1031.102 χ^2/NDF : 19.4/24

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 2948.147+/-1.069 χ^2/NDF : 679781.0/11

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

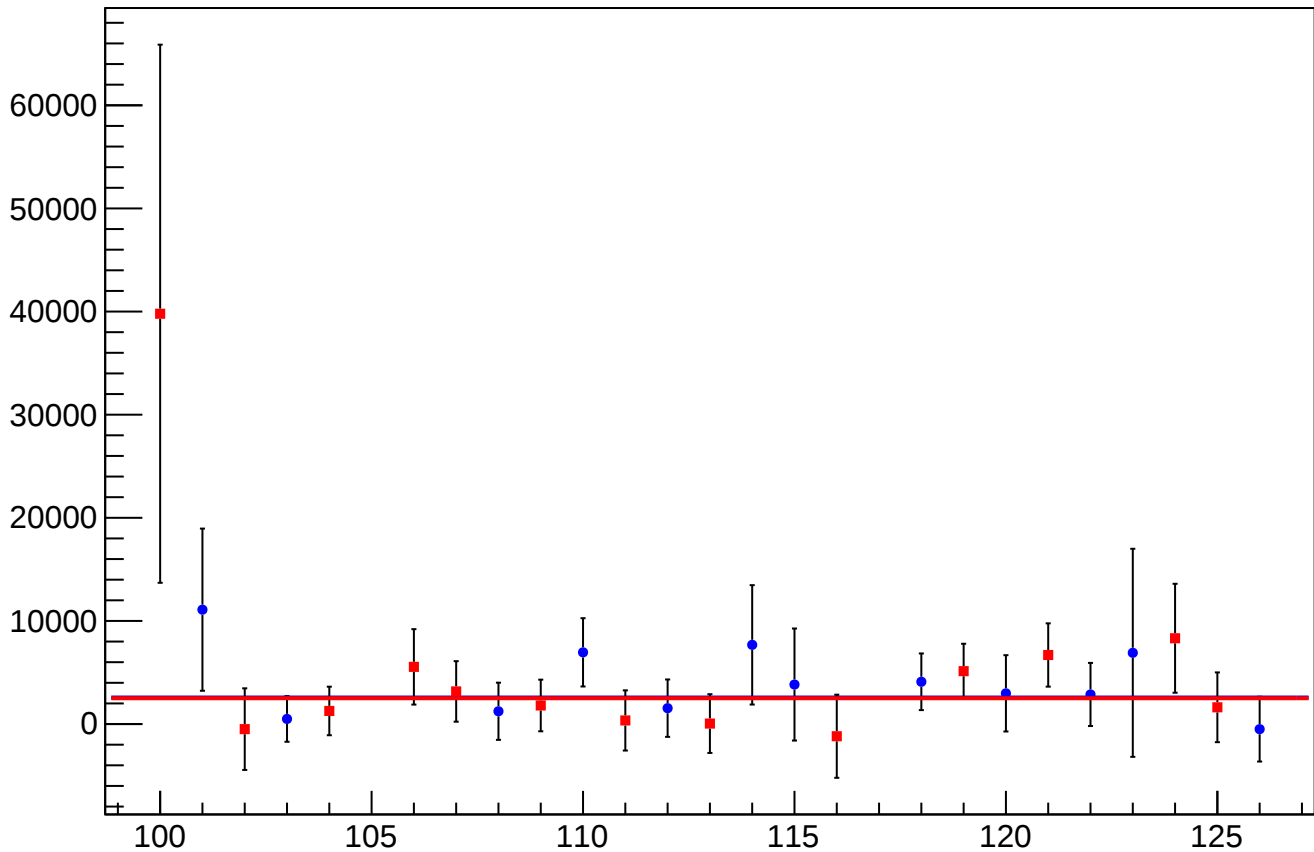
Right: 2919.475+/-0.722 χ^2/NDF : 1230054.3/24

In: 2948.147+/-1.069 χ^2/NDF : 679781.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2919.475+/-0.722 χ^2/NDF : 1230054.3/24

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2571.571+/-972.327 χ^2/NDF : 6.5/11

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

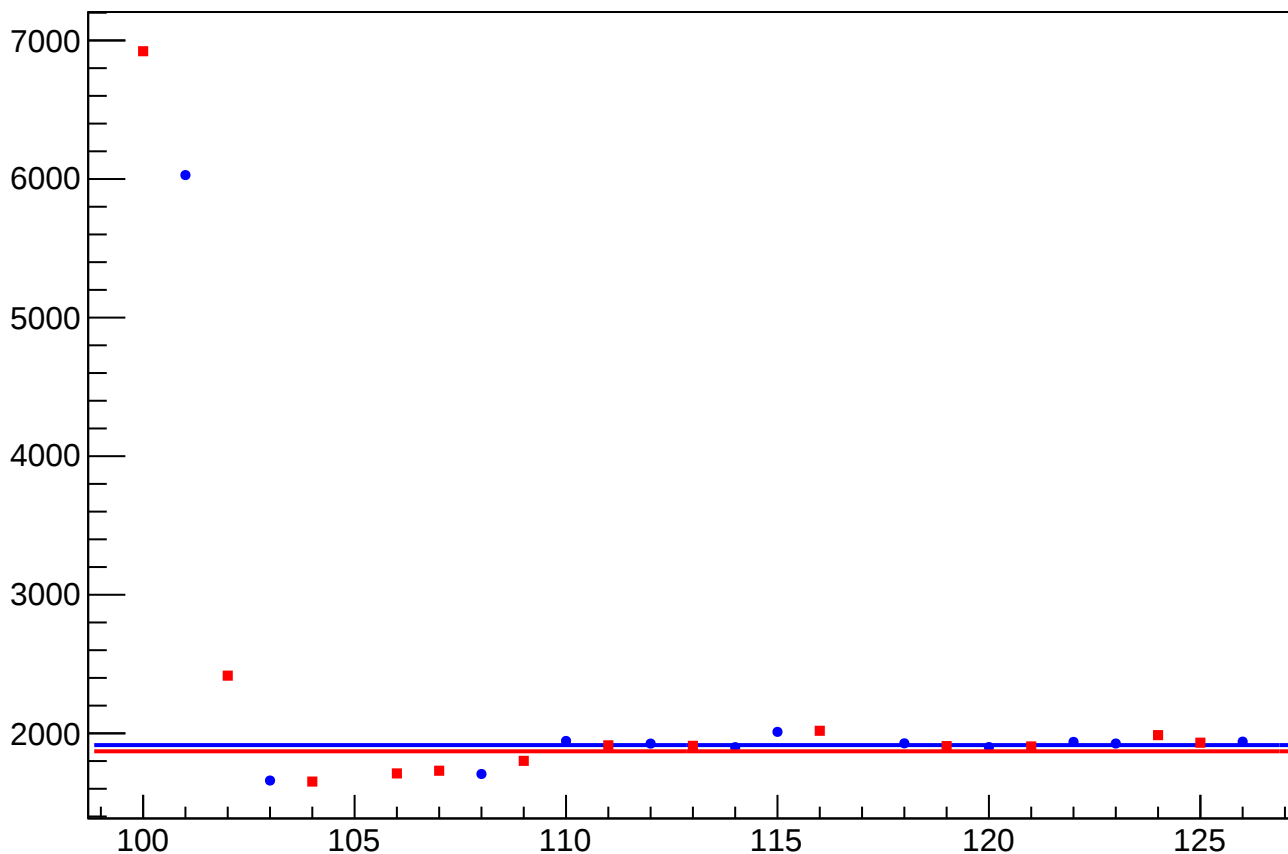
Right: 2534.566+/-655.479 χ^2/NDF : 16.4/24

In: 2571.571+/-972.327 χ^2/NDF : 6.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2534.566+/-655.479 χ^2/NDF : 16.4/24

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1915.130+/-0.688 χ^2/NDF : 586448.0/11

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

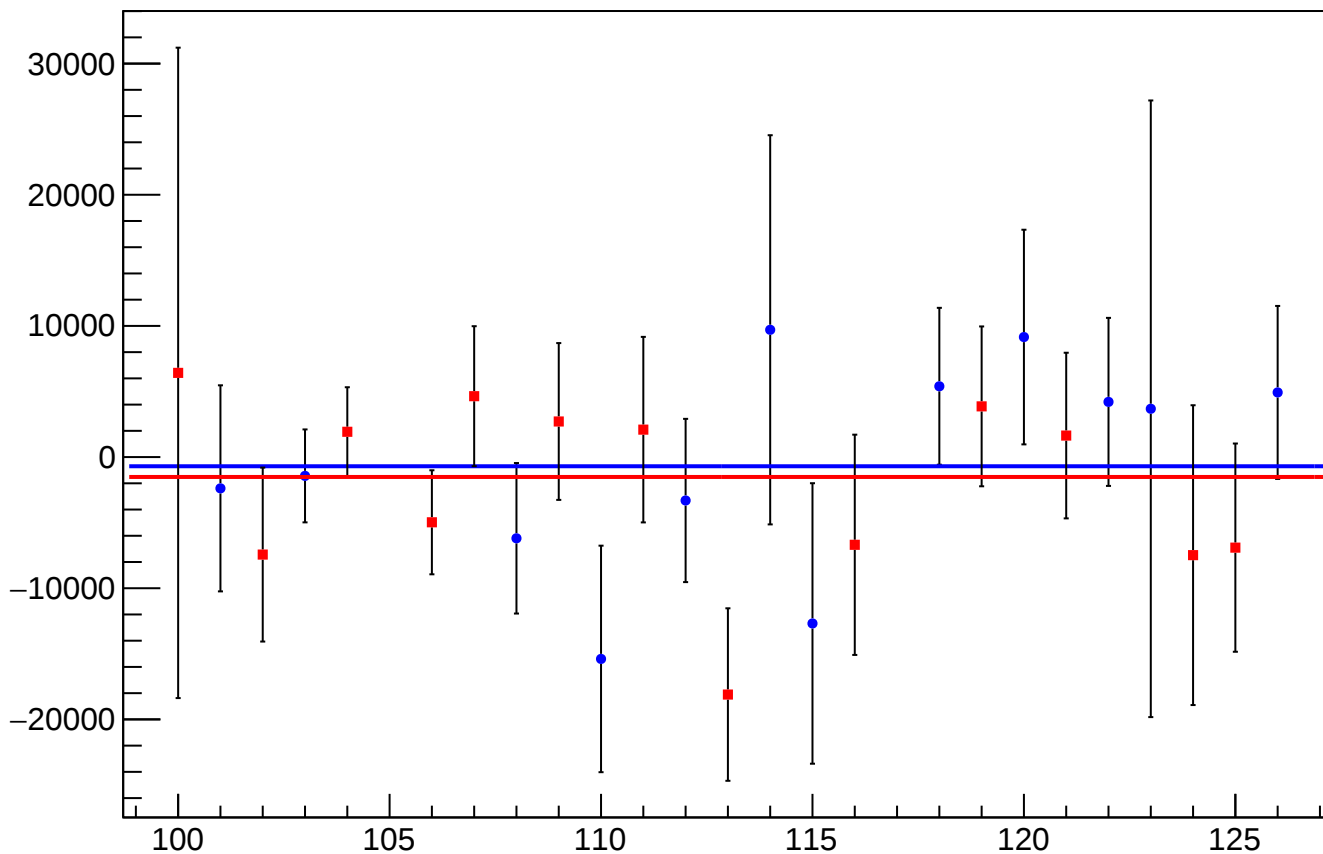
Right: 1890.671+/-0.463 χ^2/NDF : 735187.2/24

In: 1915.130+/-0.688 χ^2/NDF : 586448.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1890.671+/-0.463 χ^2/NDF : 735187.2/24

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -700.203+/-1921.474 χ^2/NDF : 9.7/11

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

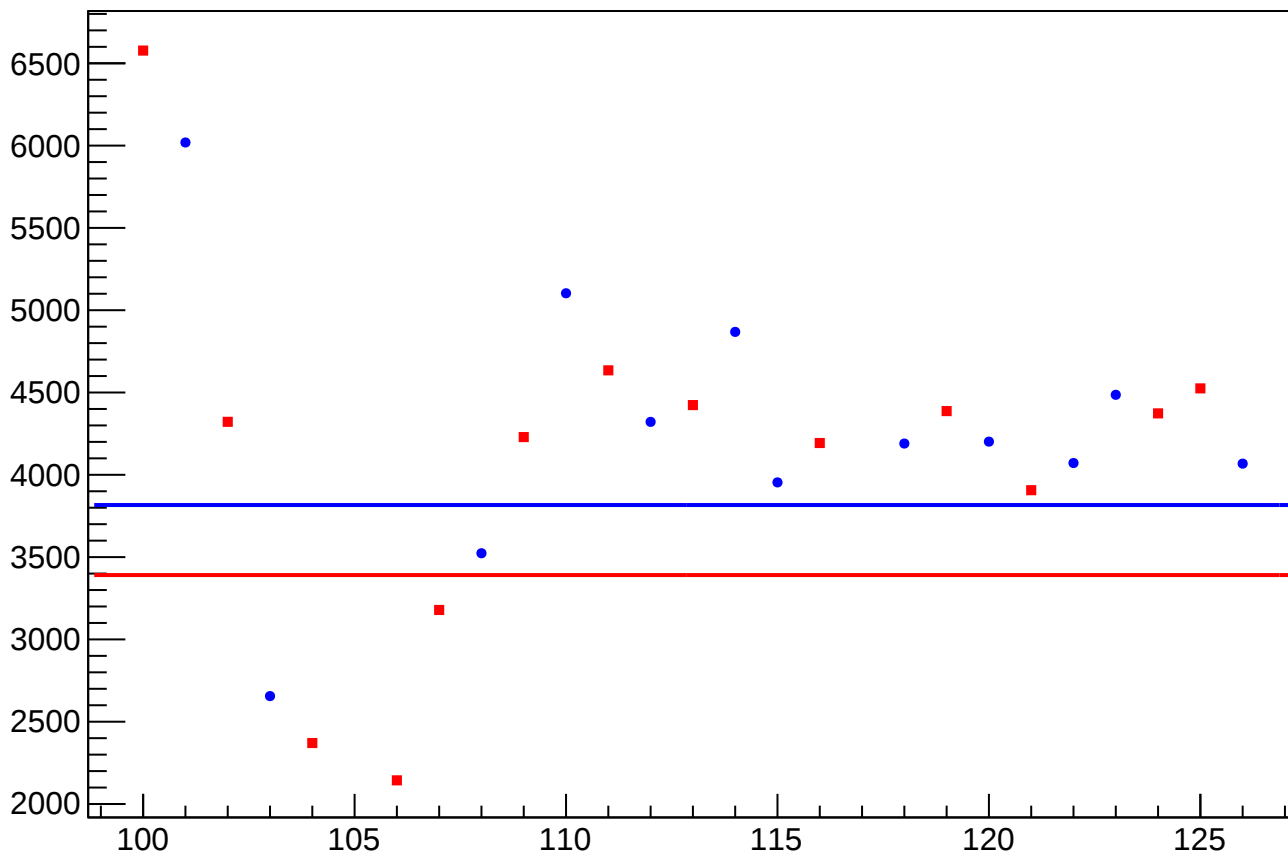
Right: -1171.580+/-1248.609 χ^2/NDF : 23.1/24

In: -700.203+/-1921.474 χ^2/NDF : 9.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1171.580+/-1248.609 χ^2/NDF : 23.1/24

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 3816.397+/-1.359 χ^2/NDF : 465014.8/11

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

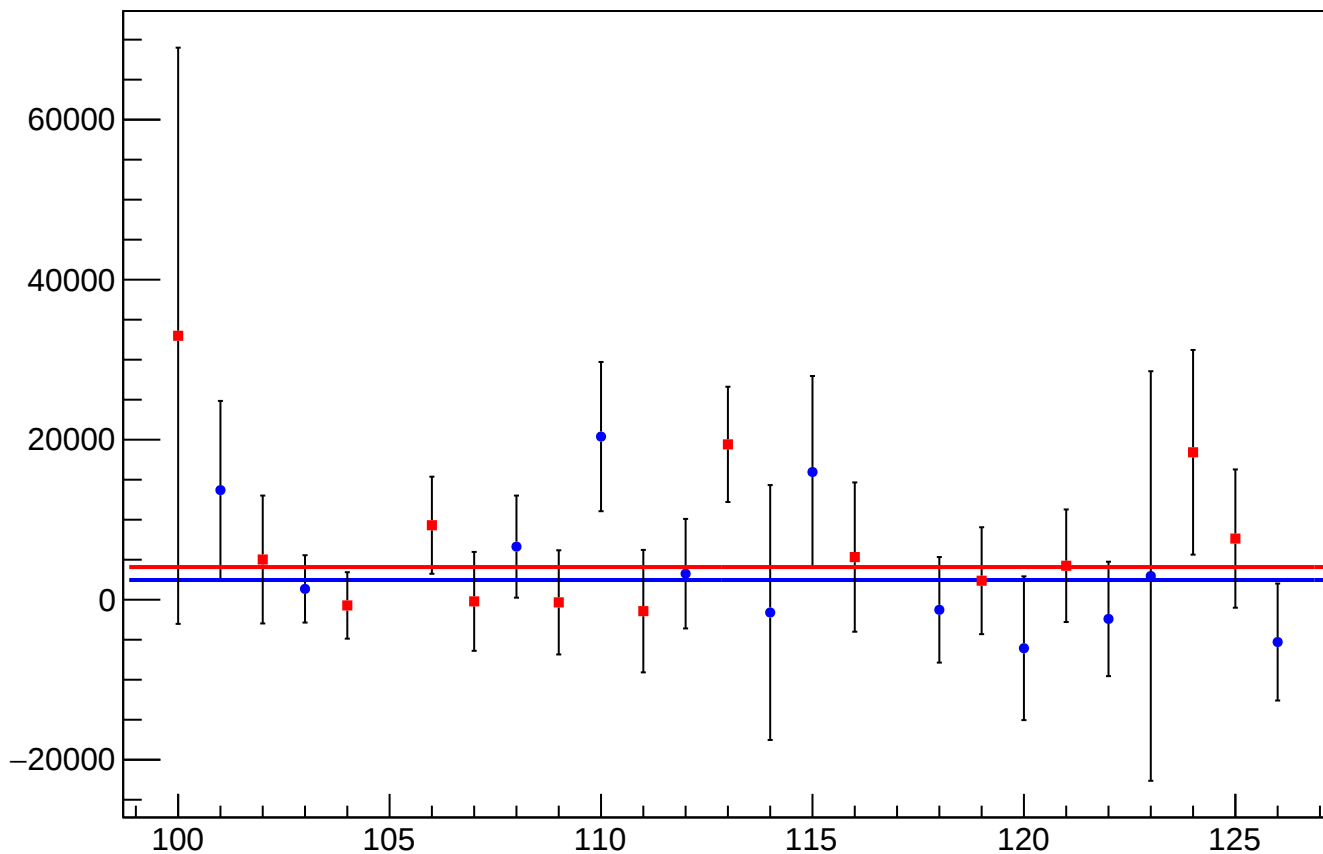
Right: 3570.580+/-0.883 χ^2/NDF : 1266693.1/24

In: 3816.397+/-1.359 χ^2/NDF : 465014.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3570.580+/-0.883 χ^2/NDF : 1266693.1/24

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2463.141+/-2192.899 χ^2/NDF : 9.4/11

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

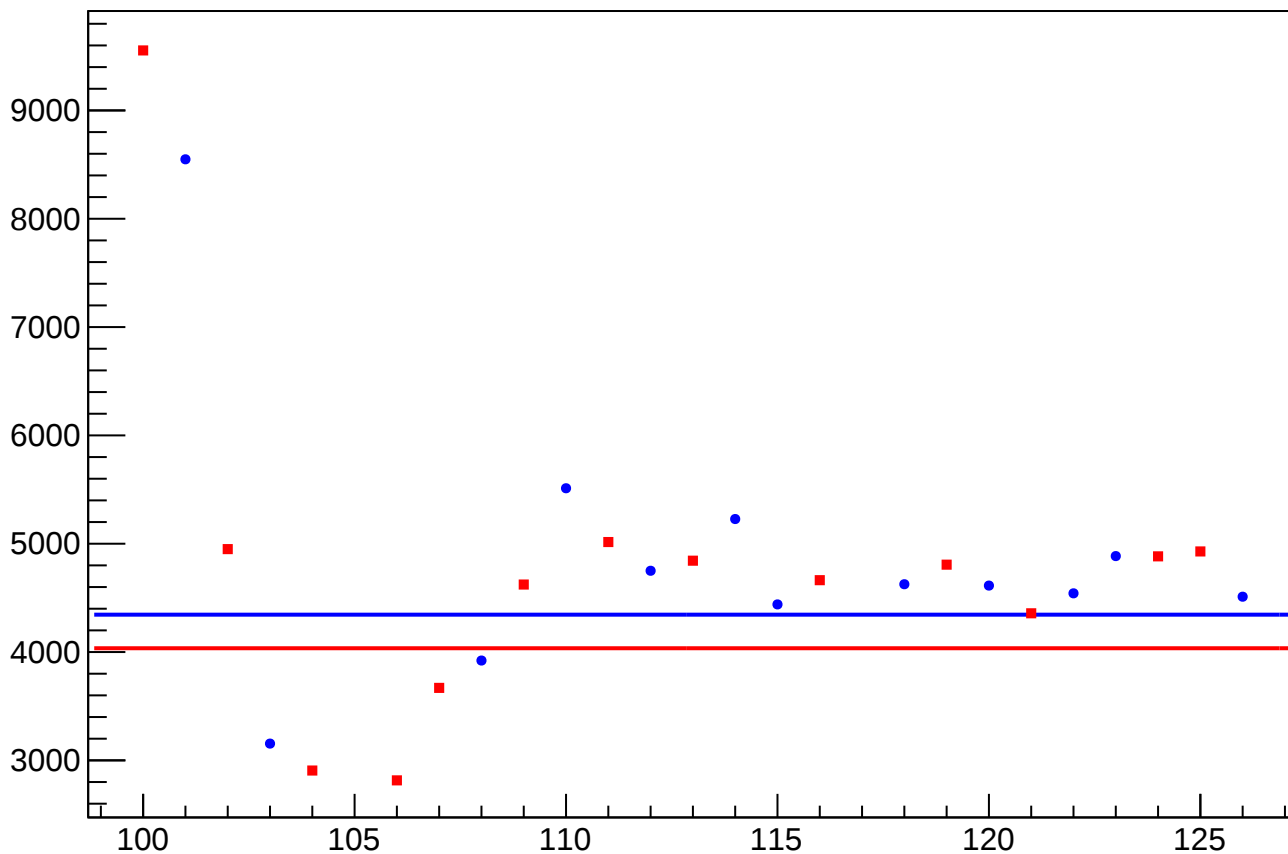
Right: 3365.600+/-1459.789 χ^2/NDF : 19.9/24

In: 2463.141+/-2192.899 χ^2/NDF :9.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3365.600+/-1459.789 χ^2/NDF : 19.9/24

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4345.021+/-1.551 χ^2/NDF : 506655.0/11

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

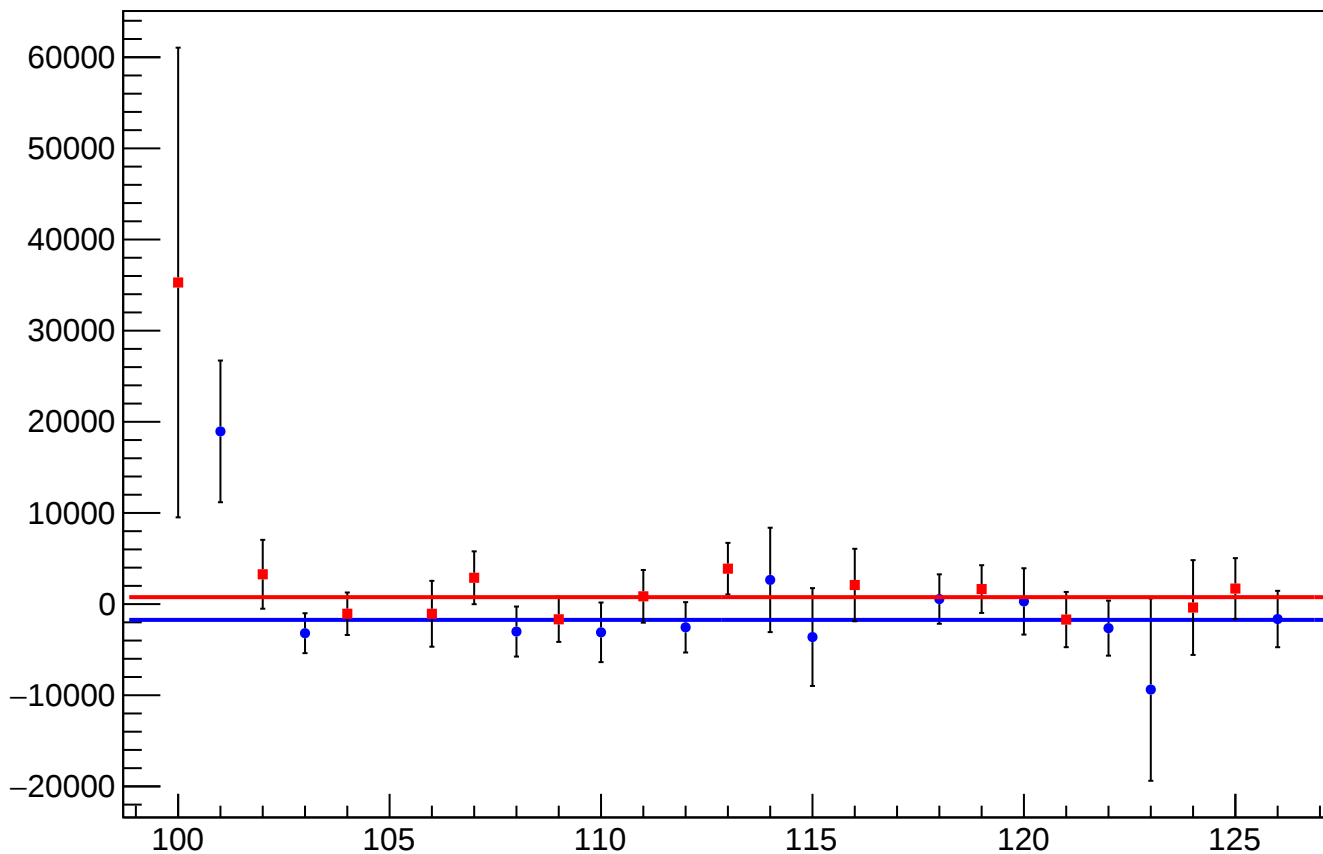
Right: 4171.275+/-1.028 χ^2/NDF : 994070.4/24

In: 4345.021+/-1.551 χ^2/NDF : 506655.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4171.275+/-1.028 χ^2/NDF : 994070.4/24

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1731.683+/-960.655 χ^2/NDF : 10.4/11

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

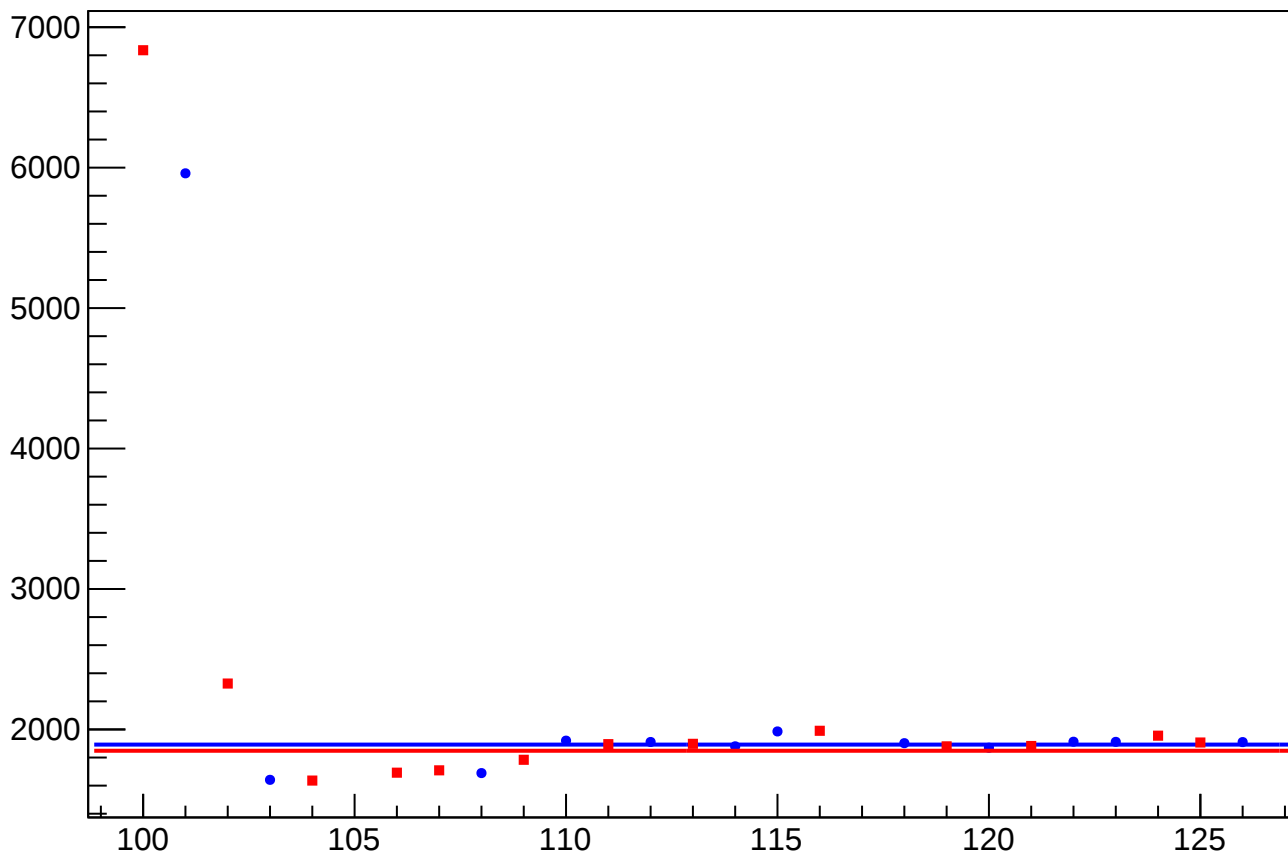
Right: -369.642+/-647.255 χ^2/NDF : 20.9/24

In: -1731.683+/-960.655 χ^2/NDF : 10.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -369.642+/-647.255 χ^2/NDF : 20.9/24

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1892.150+/-0.679 χ^2/NDF : 585931.7/11

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

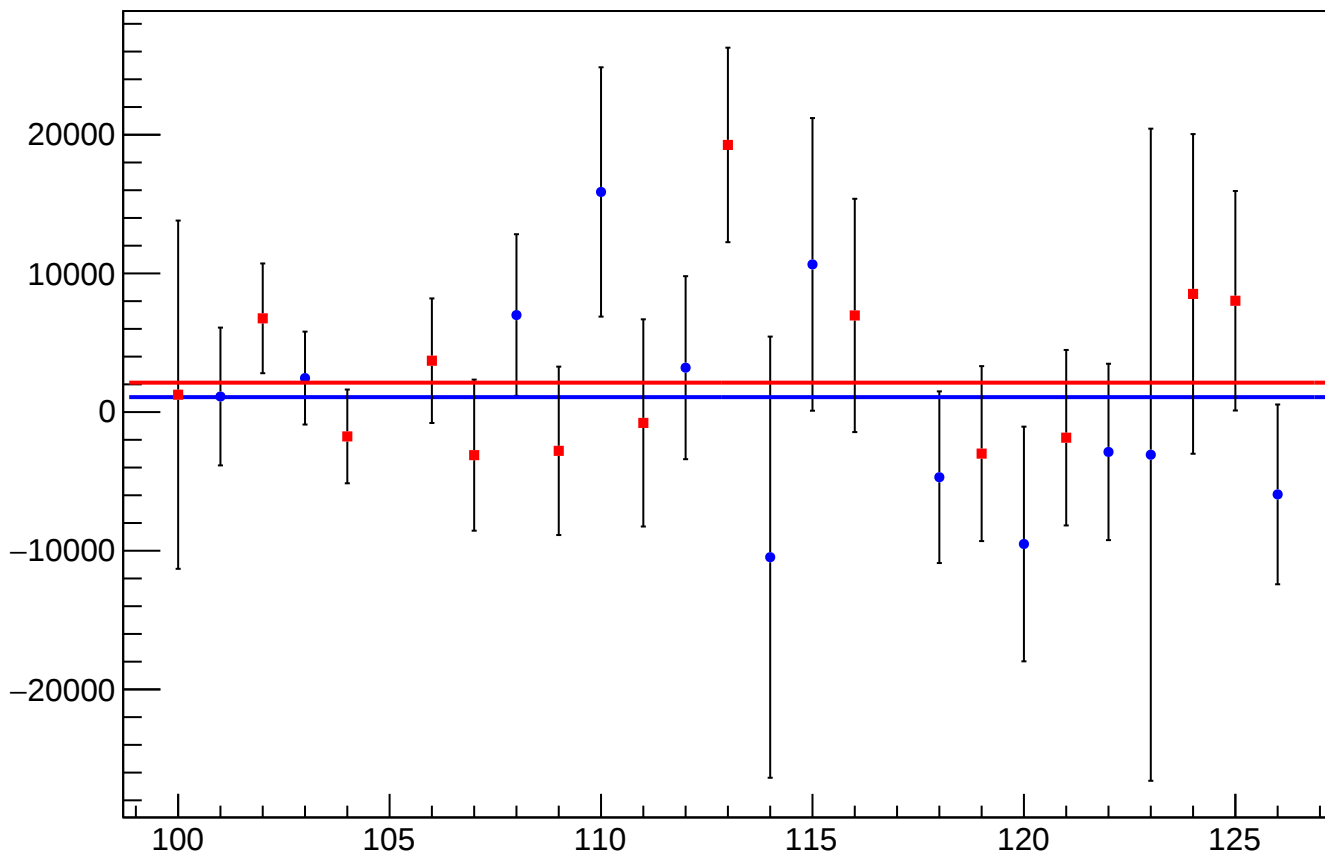
Right: 1868.107+/-0.457 χ^2/NDF : 727663.4/24

In: 1892.150+/-0.679 χ^2/NDF : 585931.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1868.107+/-0.457 χ^2/NDF : 727663.4/24

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 1077.945+/-1832.864 χ^2/NDF : 9.4/11

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

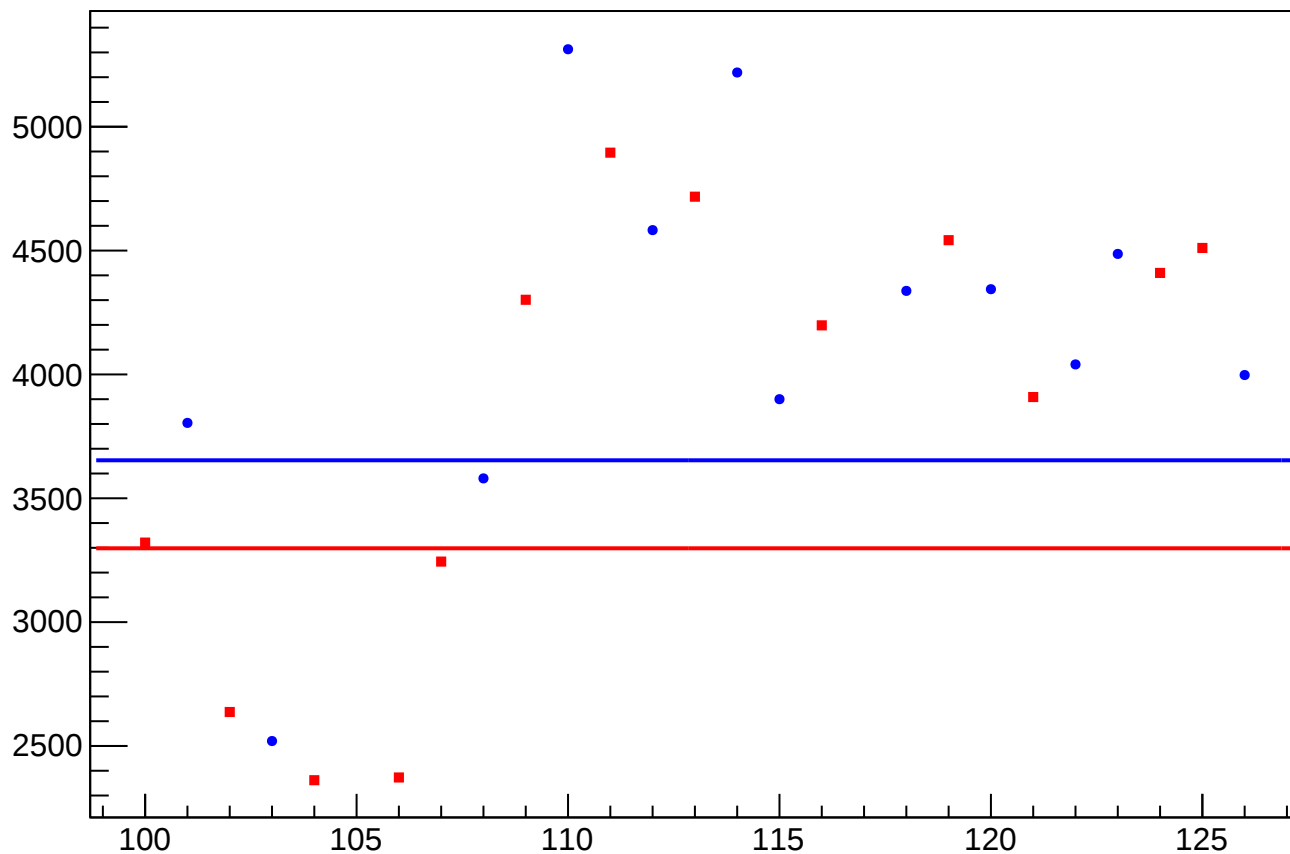
Right: 1672.745+/-1202.402 χ^2/NDF : 22.3/24

In: 1077.945+/-1832.864 χ^2/NDF : 9.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1672.745+/-1202.402 χ^2/NDF : 22.3/24

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 3653.372+/-1.296 χ^2/NDF : 412642.4/11

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

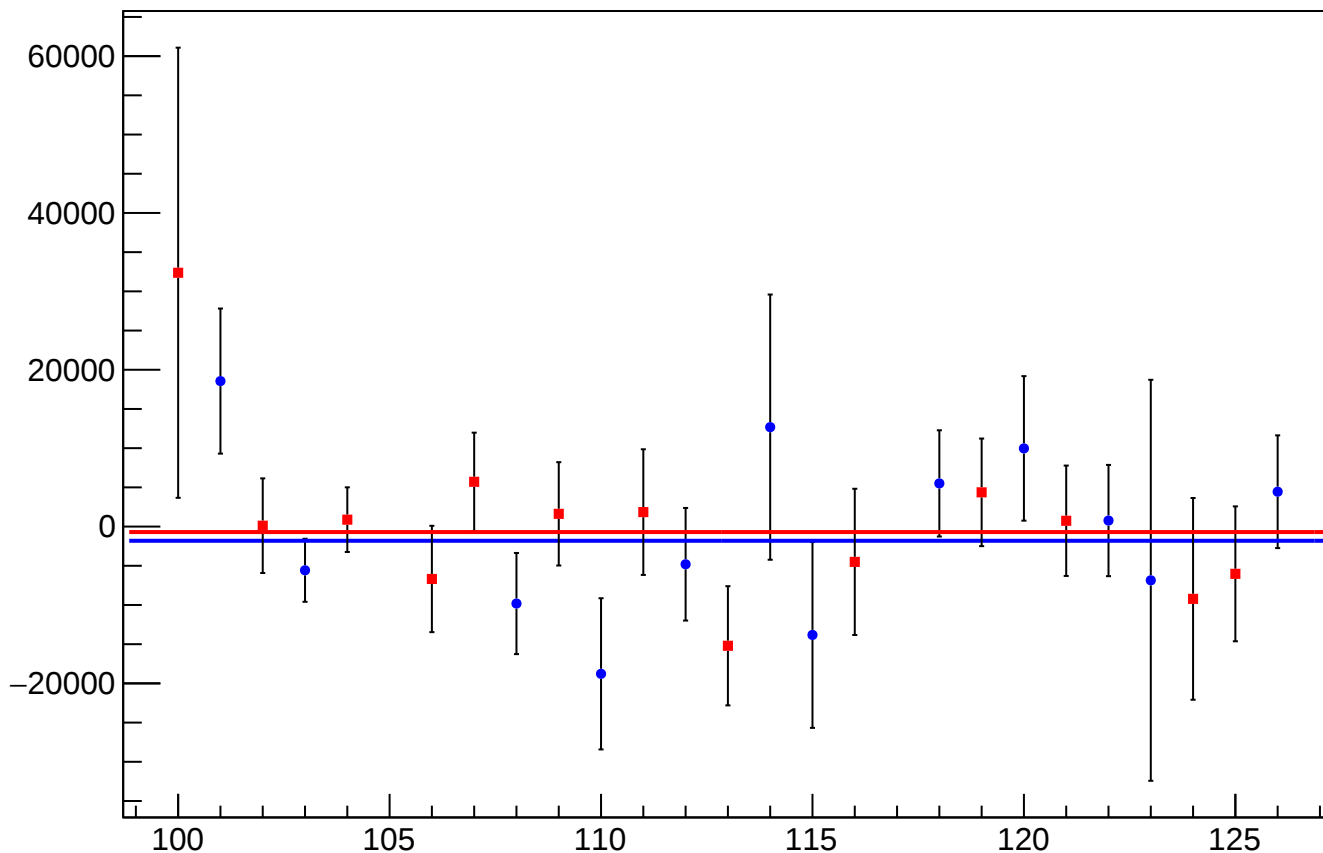
Right: 3450.980+/-0.850 χ^2/NDF : 1162378.4/24

In: 3653.372+/-1.296 χ^2/NDF : 412642.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3450.980+/-0.850 χ^2/NDF : 1162378.4/24

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1811.630+/-2168.553 χ^2/NDF : 16.0/11

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

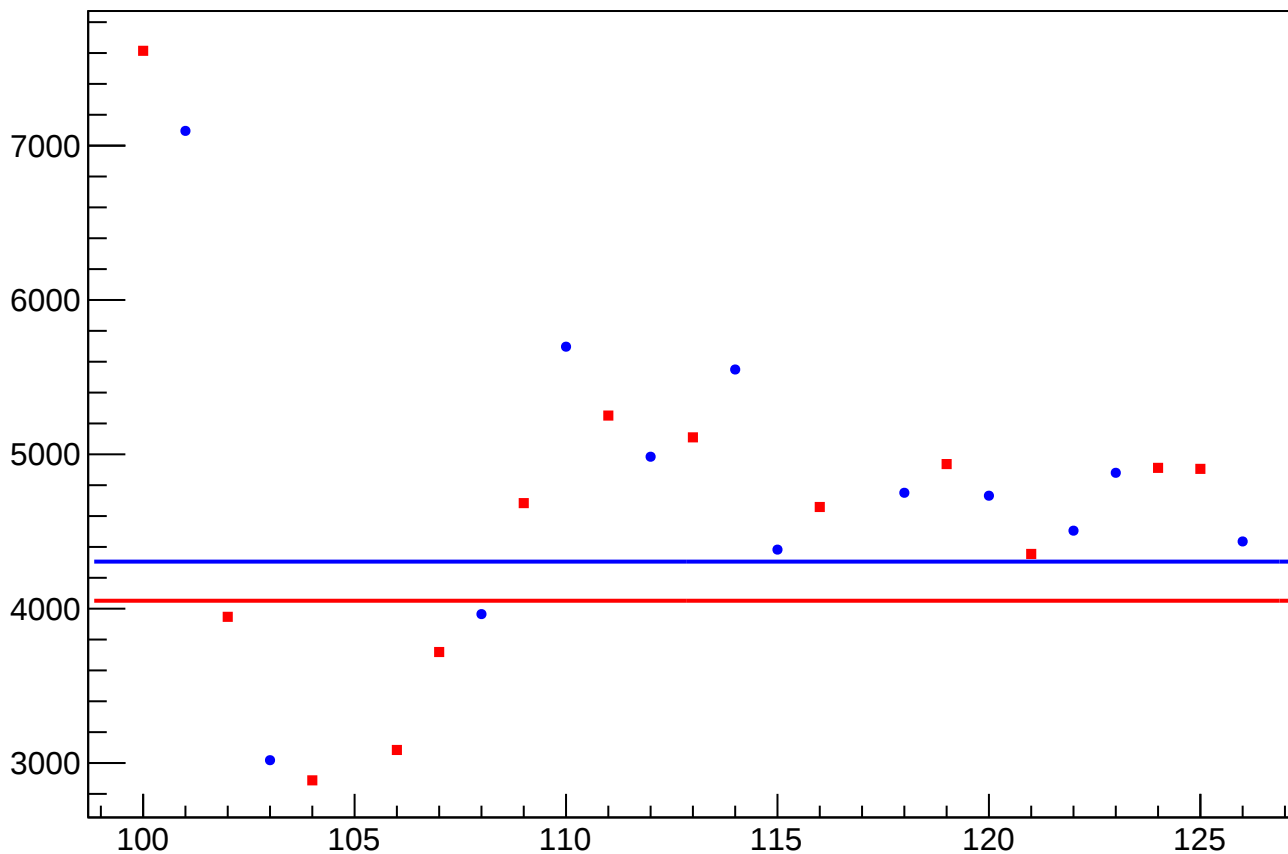
Right: -1196.385+/-1449.830 χ^2/NDF : 24.9/24

In: -1811.630+/-2168.553 χ^2/NDF : 16.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1196.385+/-1449.830 χ^2/NDF : 24.9/24

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4304.920+/-1.533 χ^2/NDF : 479078.0/11

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

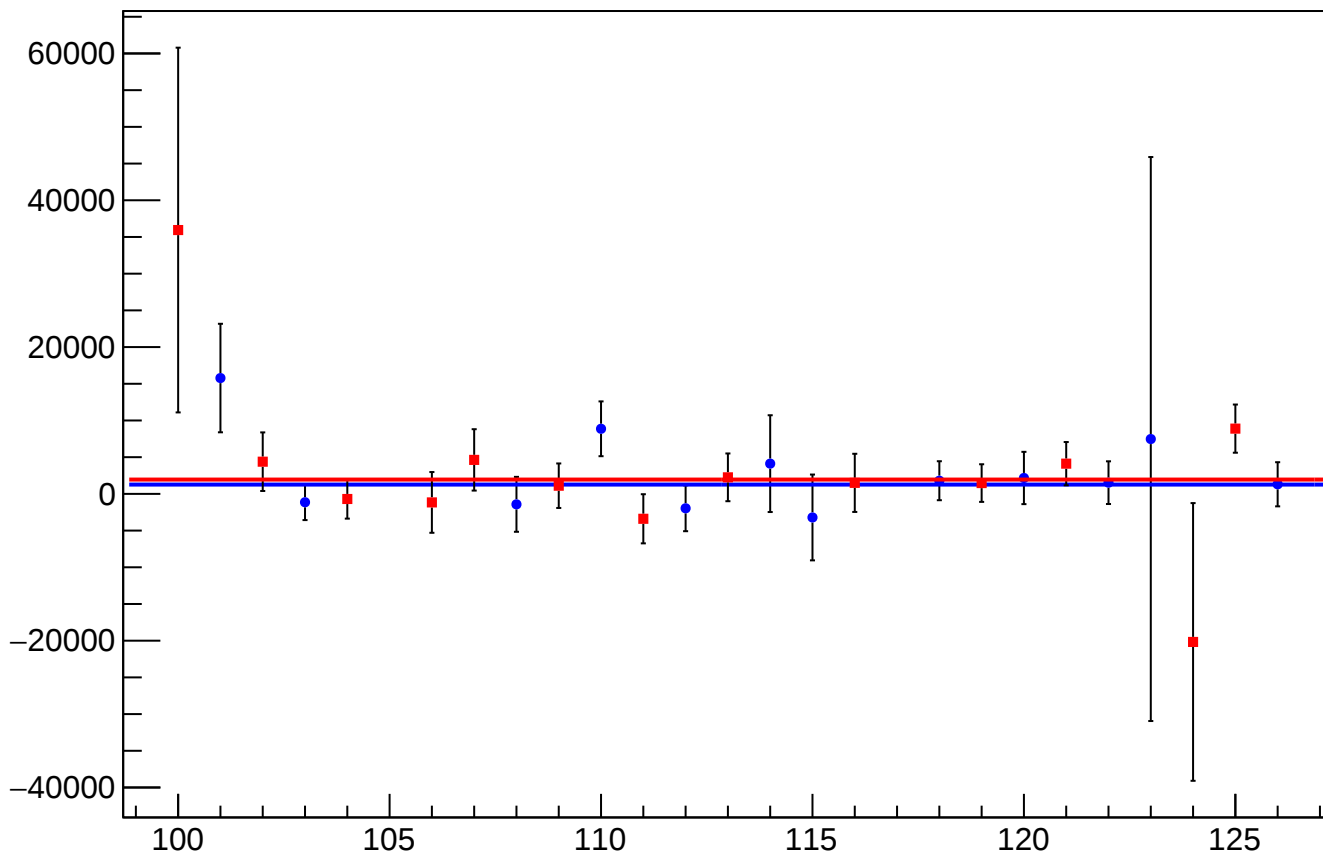
Right: 4163.794+/-1.021 χ^2/NDF : 914816.5/24

In: 4304.920+/-1.533 χ^2/NDF : 479078.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4163.794+/-1.021 χ^2/NDF : 914816.5/24

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1267.324+/-1033.800 χ^2/NDF : 11.5/11

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

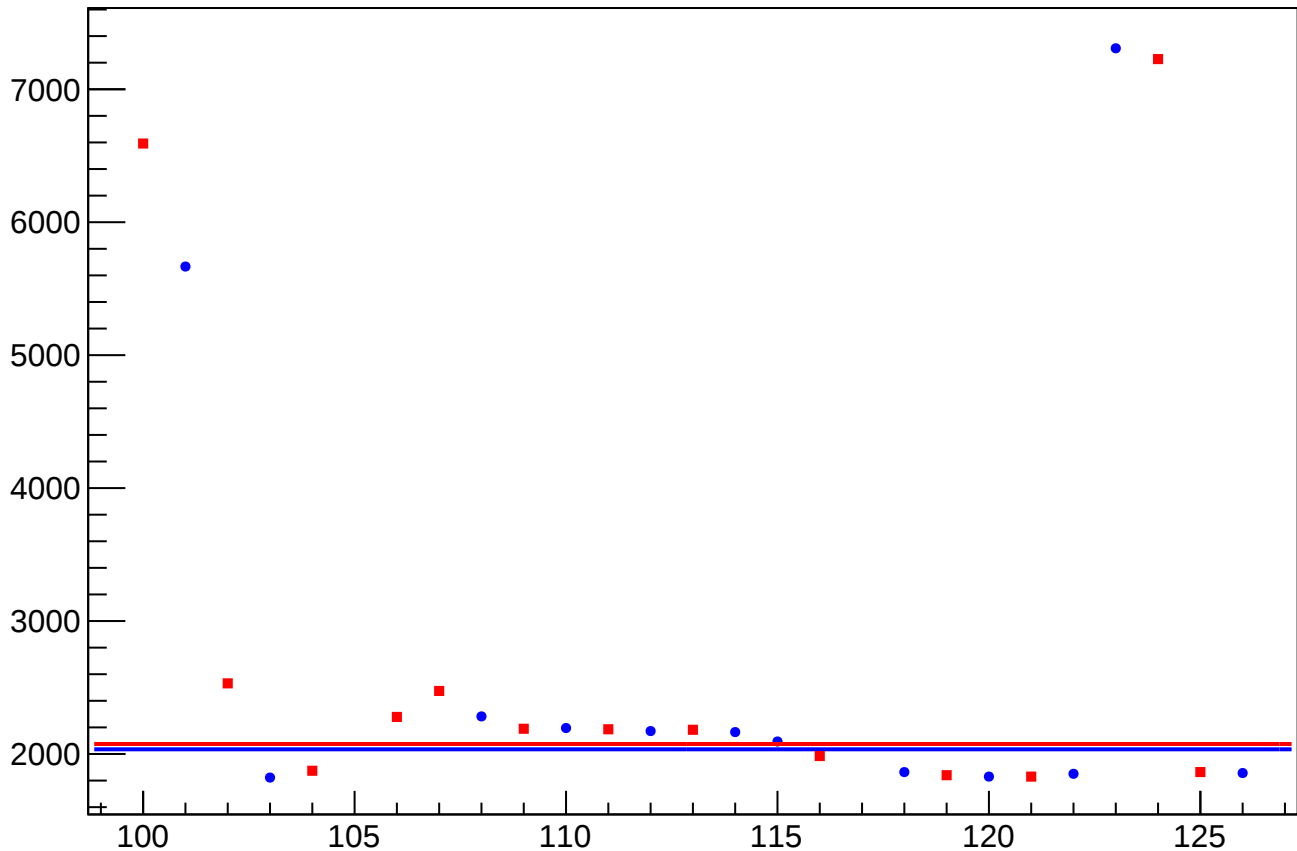
Right: 1627.195+/-711.600 χ^2/NDF : 25.0/24

In: 1267.324+/-1033.800 χ^2/NDF : 11.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1627.195+/-711.600 χ^2/NDF : 25.0/24

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2035.161+/-0.731 χ^2/NDF : 582968.1/11

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

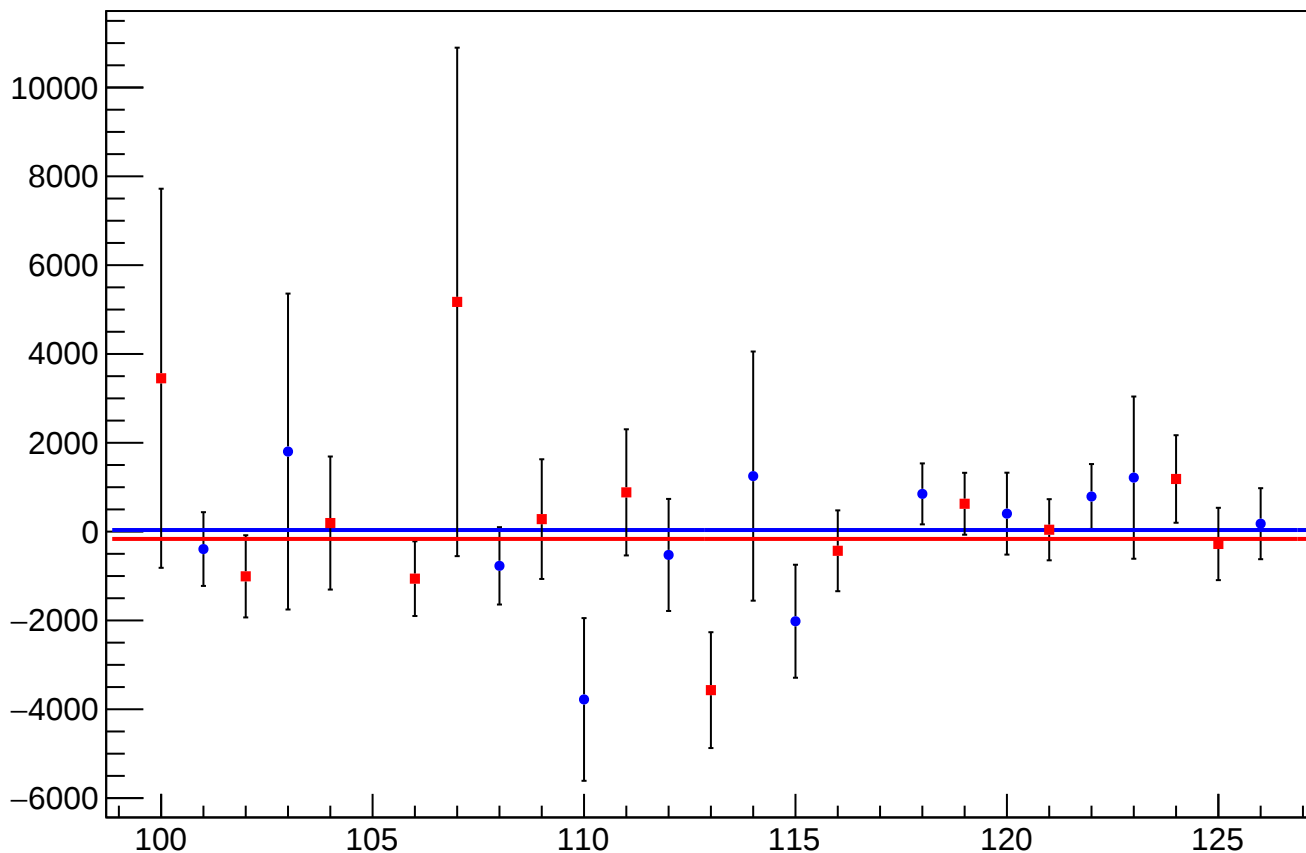
Right: 2056.221+/-0.503 χ^2/NDF : 906711.6/24

In: 2035.161+/-0.731 χ^2/NDF : 582968.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2056.221+/-0.503 χ^2/NDF : 906711.6/24

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: 36.155+/-294.179 χ^2/NDF : 11.8/11

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

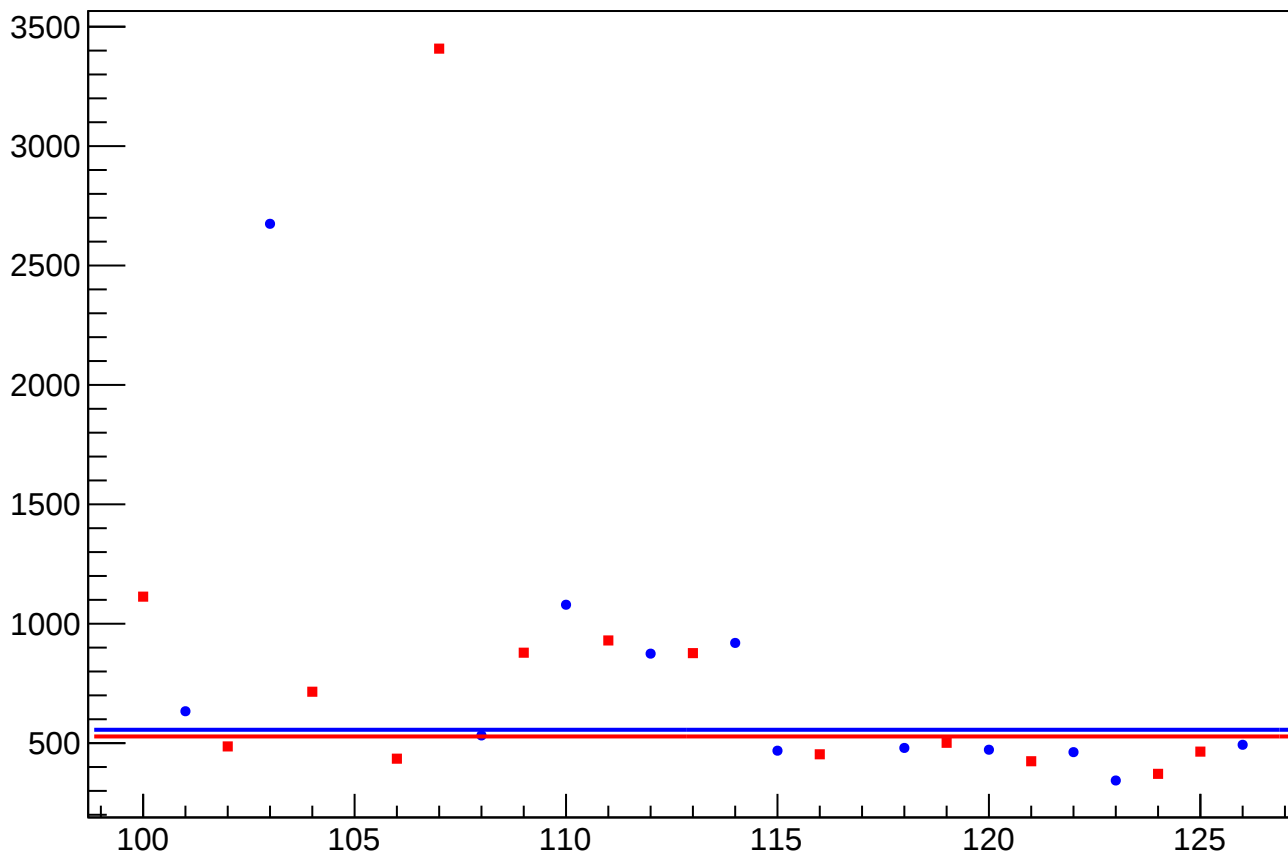
Right: -68.843+/-203.211 χ^2/NDF : 26.5/24

In: 36.155+/-294.179 χ^2/NDF : 11.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.843+/-203.211 χ^2/NDF : 26.5/24

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 555.952+/-0.208 χ^2/NDF : 1176149.5/11

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

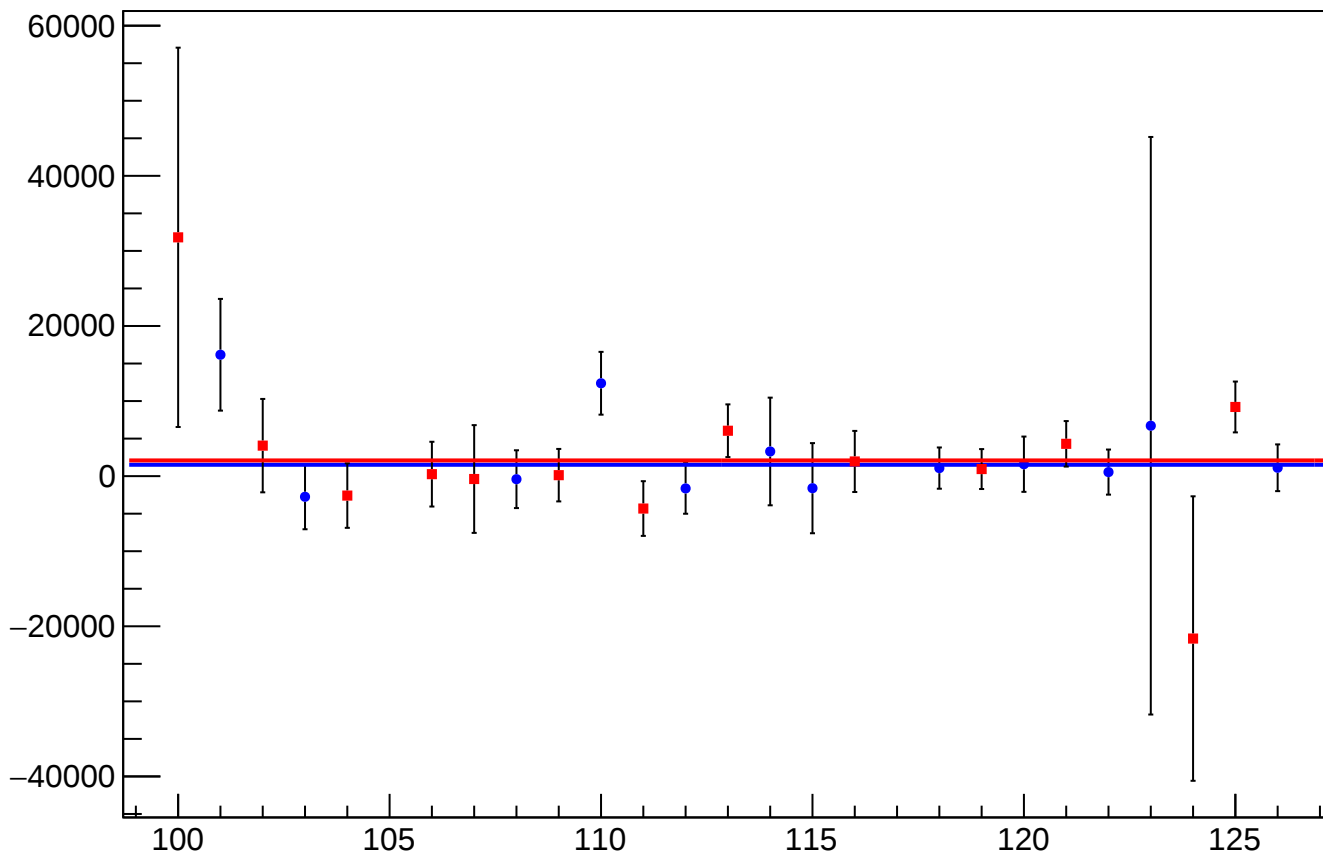
Right: 541.318+/-0.144 χ^2/NDF : 2352678.1/24

In: 555.952+/-0.208 χ^2/NDF : 1176149.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 541.318+/-0.144 χ^2/NDF : 2352678.1/24

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1514.213+/-1152.963 χ^2/NDF : 13.2/11

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

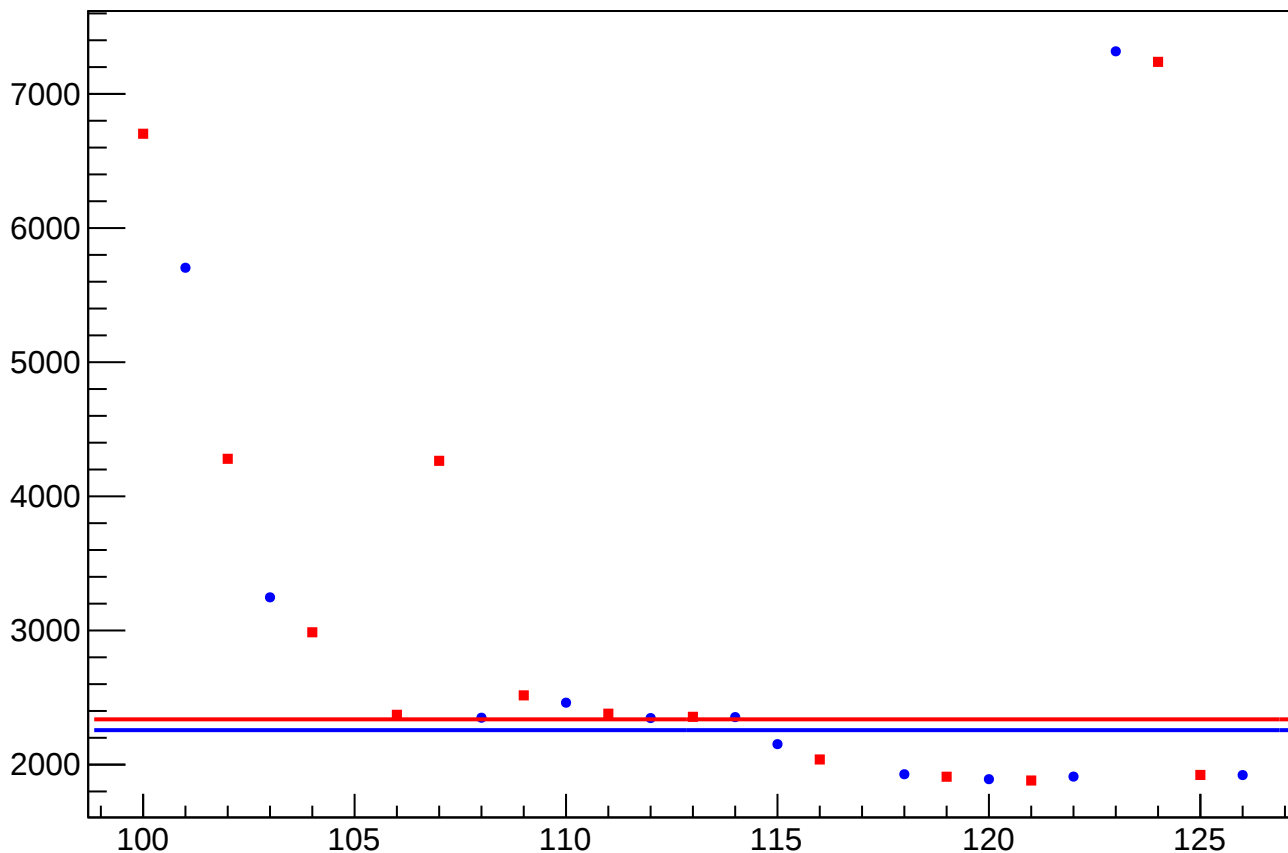
Right: 1811.033+/-804.243 χ^2/NDF : 27.7/24

In: 1514.213+/-1152.963 χ^2/NDF : 13.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1811.033+/-804.243 χ^2/NDF : 27.7/24

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2257.033+/-0.815 χ^2/NDF : 675097.1/11

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

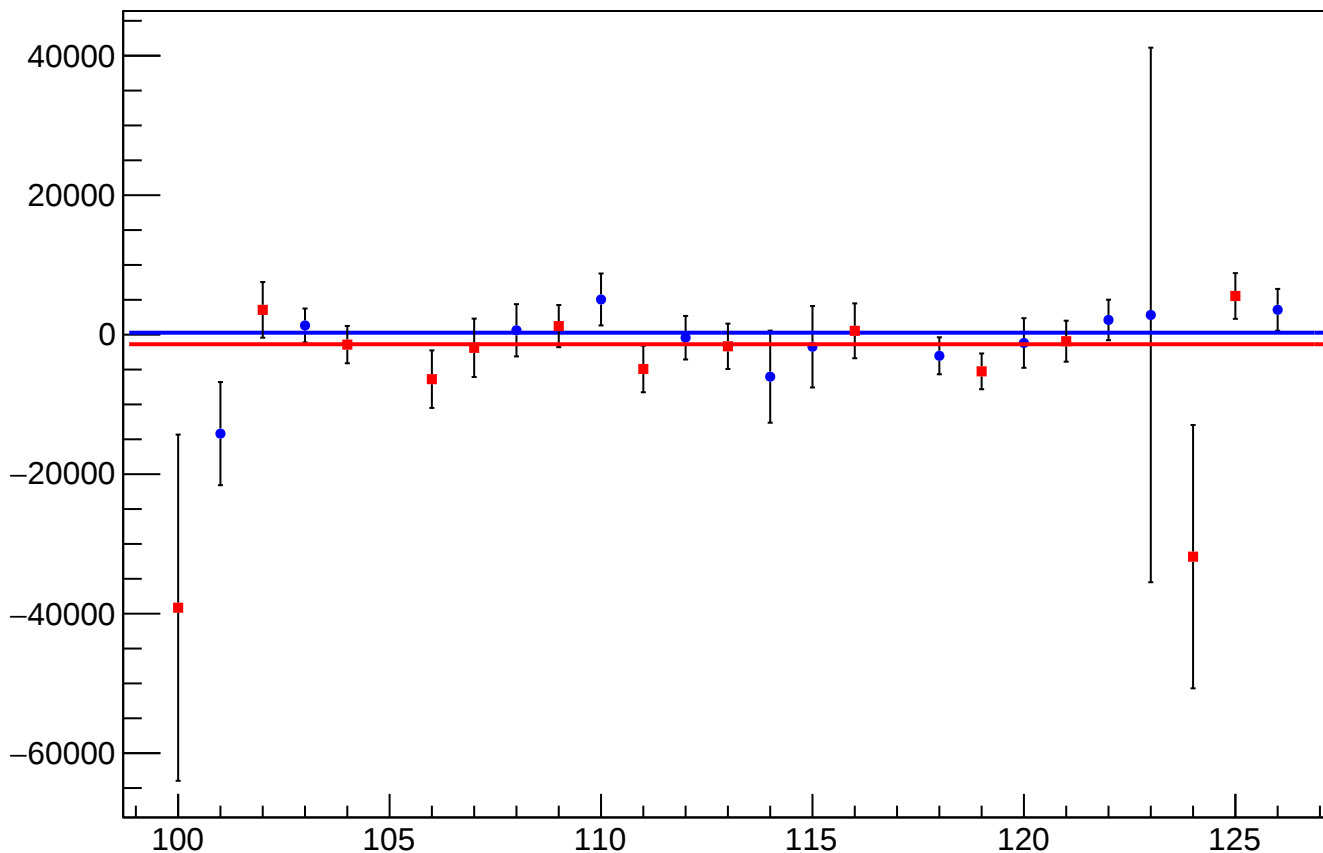
Right: 2298.440+/-0.569 χ^2/NDF : 1402112.3/24

In: 2257.033+/-0.815 χ^2/NDF : 675097.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2298.440+/-0.569 χ^2/NDF : 1402112.3/24

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 284.735 $\pm$ 1032.360 χ^2 /NDF: 10.1/11

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

Right Out: -1370.931 $\pm$ 979.307 χ^2 /NDF: 16.8/12

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

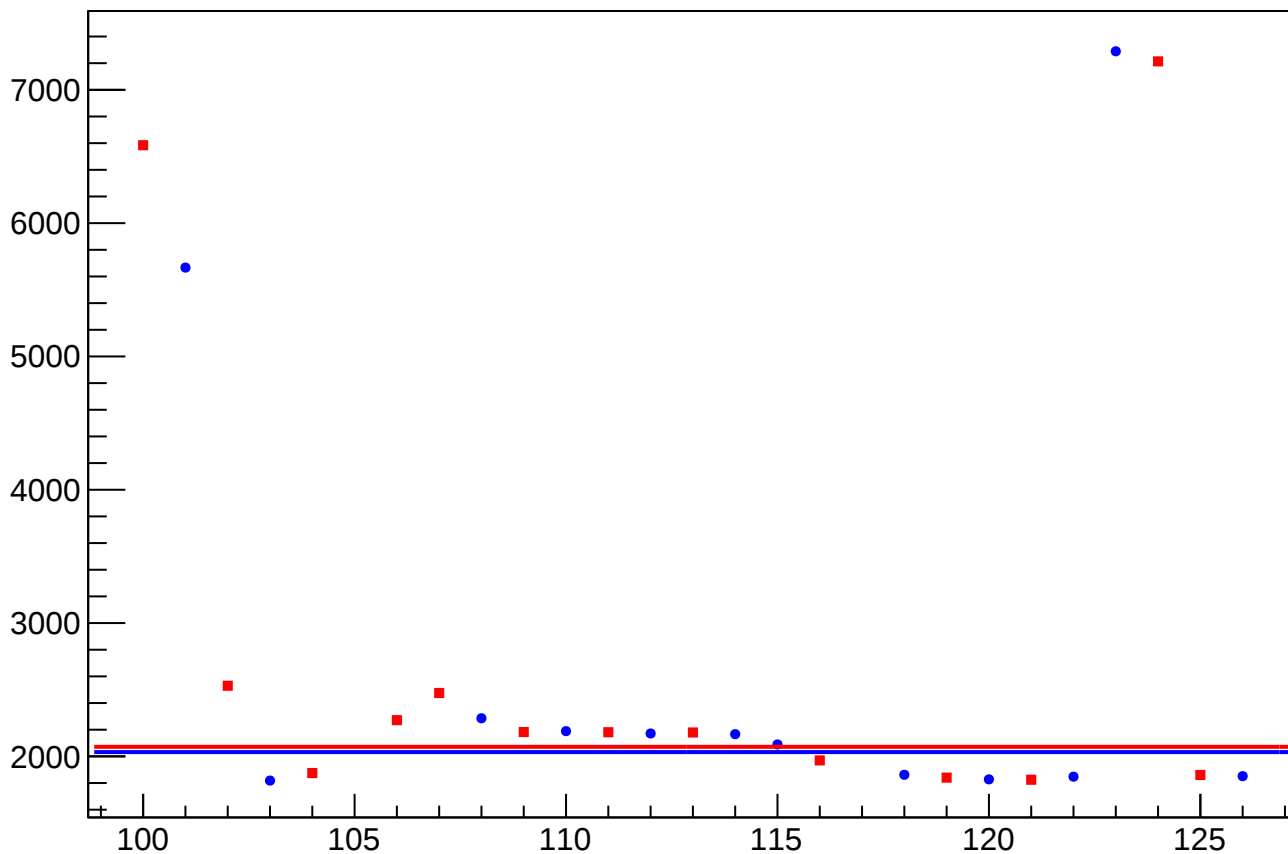
Right: -586.732 $\pm$ 710.490 χ^2 /NDF: 28.3/24

In: 284.735 $\pm$ 1032.360 χ^2 /NDF:10.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -586.732 $\pm$ 710.490 χ^2 /NDF: 28.3/24

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2032.046+/-0.730 χ^2/NDF : 584607.9/11

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

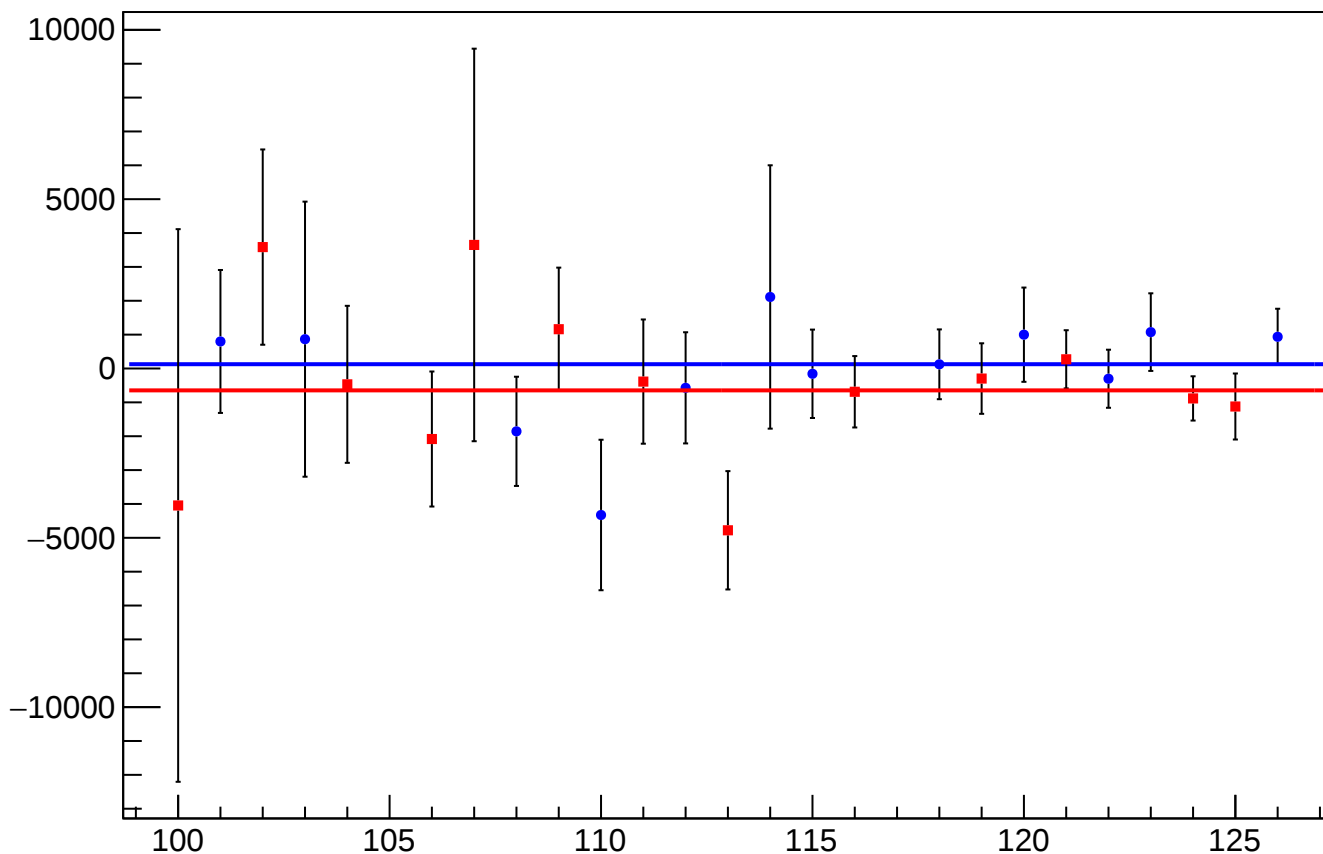
Right: 2052.857+/-0.502 χ^2/NDF : 908313.8/24

In: 2032.046+/-0.730 χ^2/NDF :584607.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2052.857+/-0.502 χ^2/NDF : 908313.8/24

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: 126.760+/-379.843 χ^2/NDF : 8.4/11

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

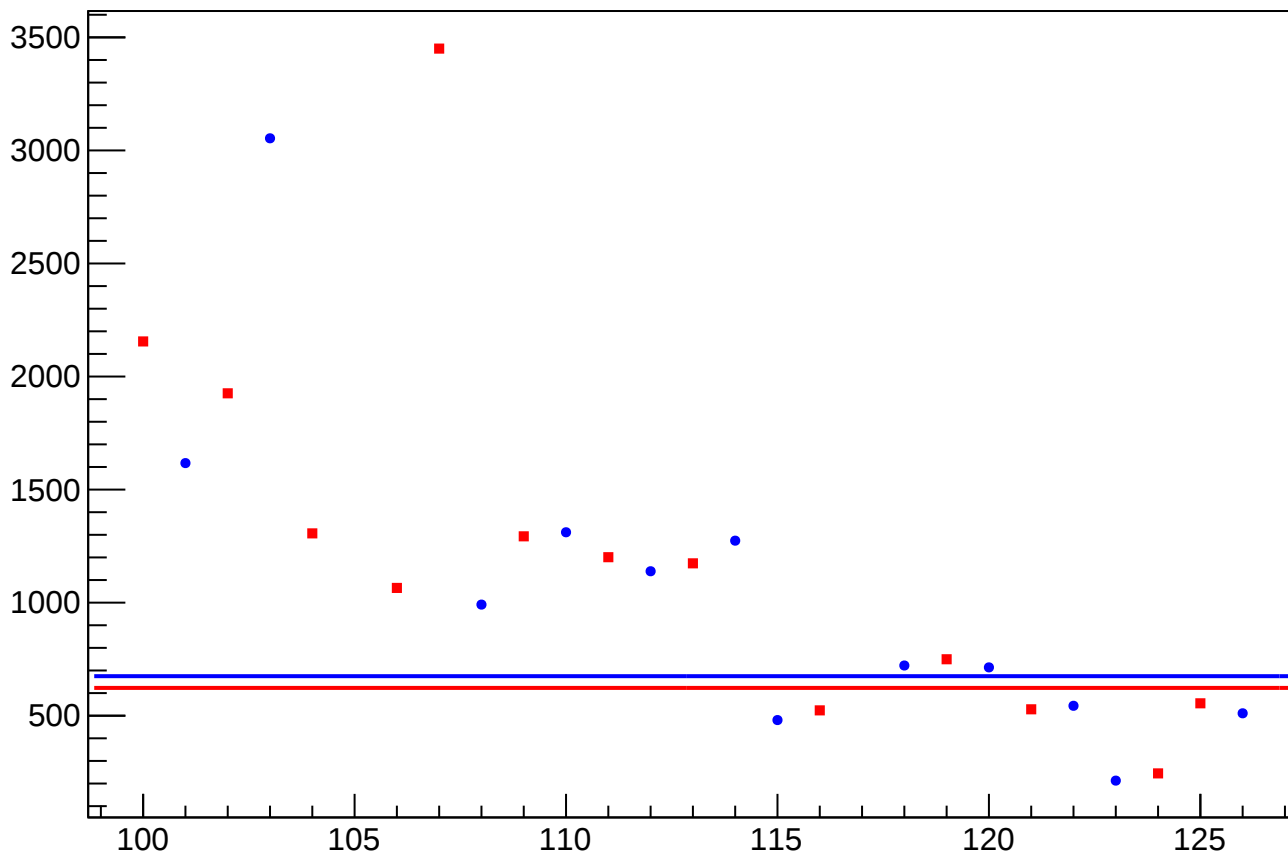
Right: -289.798+/-257.932 χ^2/NDF : 22.3/24

In: 126.760+/-379.843 χ^2/NDF :8.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -289.798+/-257.932 χ^2/NDF : 22.3/24

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 674.816+/-0.269 χ^2/NDF : 2033236.0/11

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

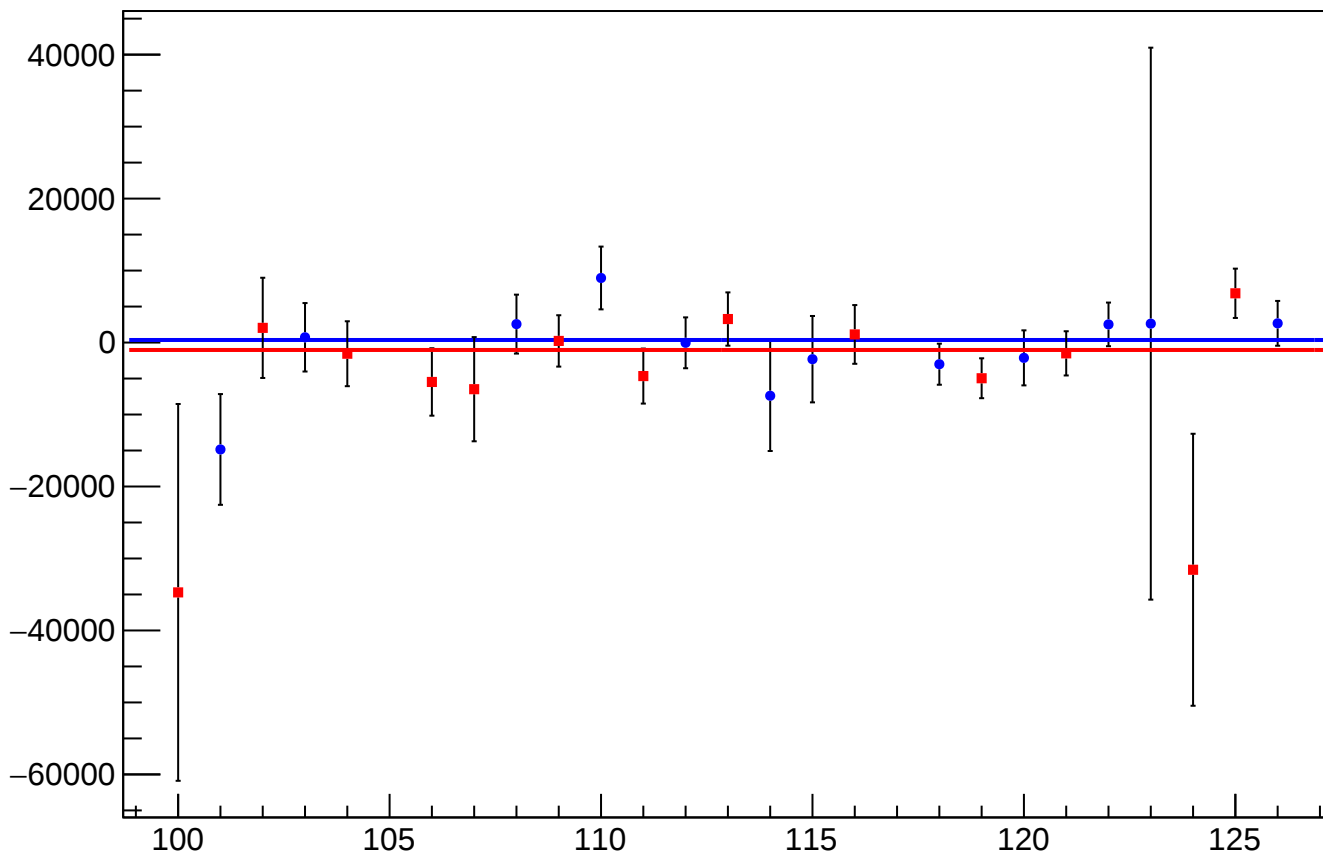
Right: 646.853+/-0.182 χ^2/NDF : 4700083.2/24

In: 674.816+/-0.269 χ^2/NDF : 2033236.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 646.853+/-0.182 χ^2/NDF : 4700083.2/24

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 356.179+/-1193.307 χ^2/NDF : 12.2/11

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

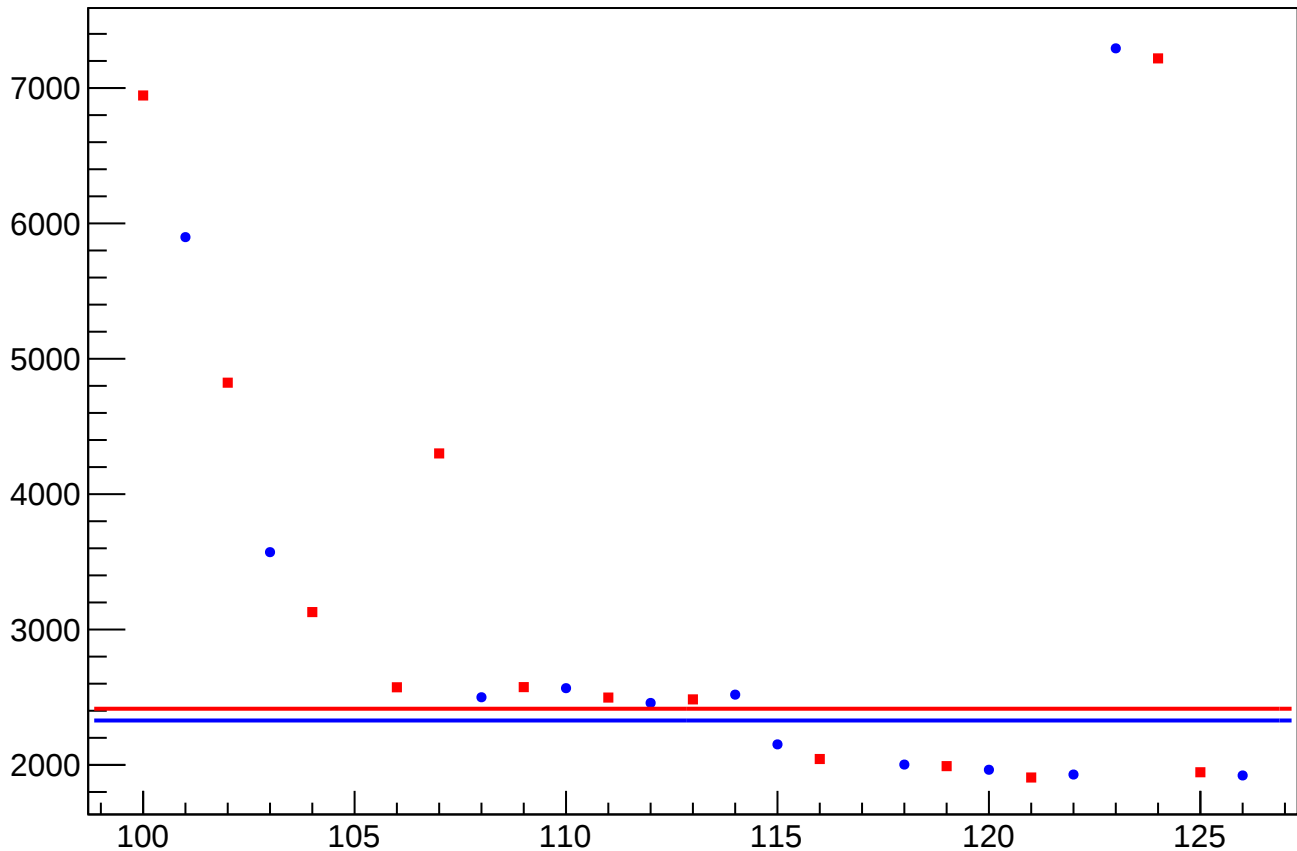
Right: -355.599+/-832.625 χ^2/NDF : 28.8/24

In: 356.179+/-1193.307 χ^2/NDF : 12.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -355.599+/-832.625 χ^2/NDF : 28.8/24

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2328.070+/-0.844 χ^2/NDF : 729130.5/11

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

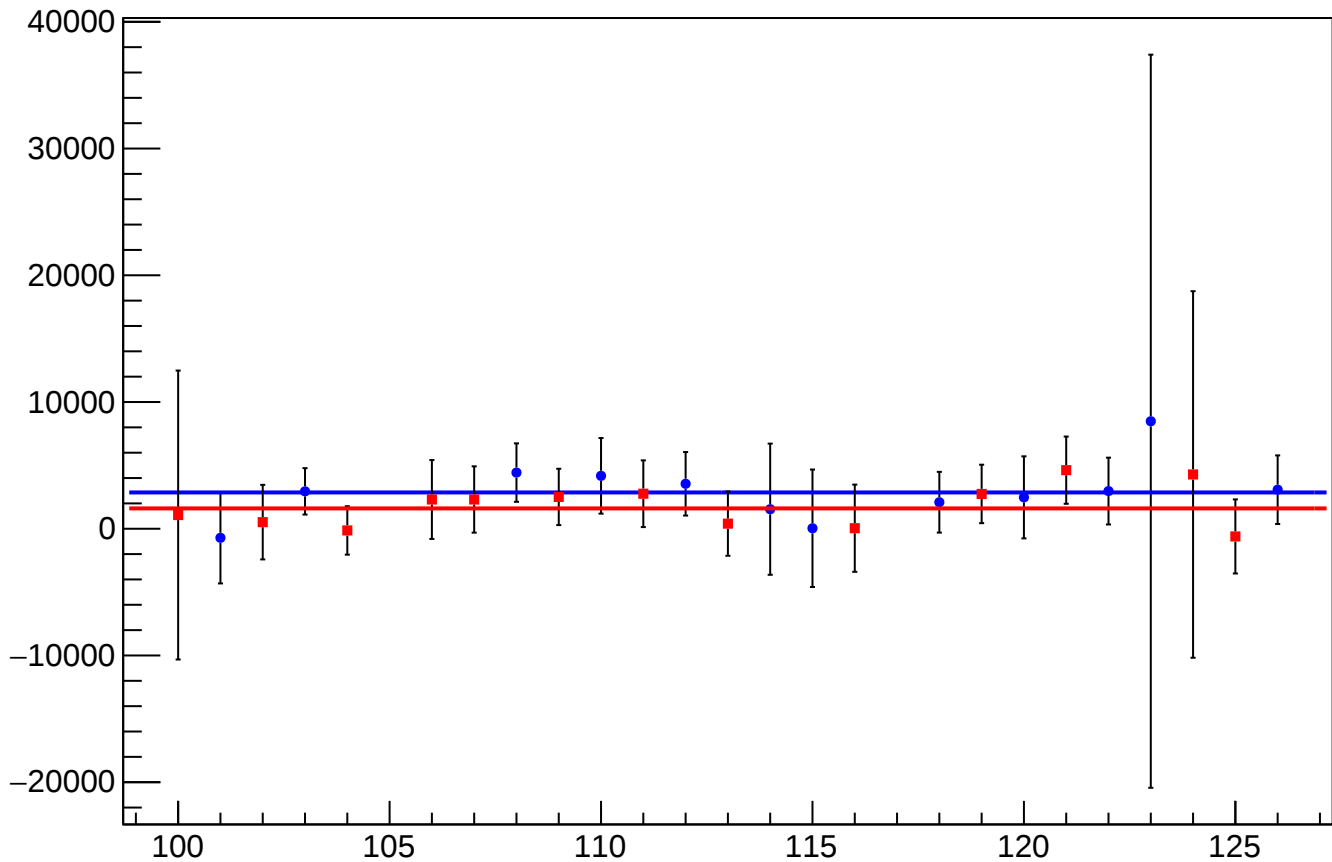
Right: 2372.647+/-0.589 χ^2/NDF : 1512713.8/24

In: 2328.070+/-0.844 χ^2/NDF : 729130.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2372.647+/-0.589 χ^2/NDF : 1512713.8/24

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2864.503+/-824.739 χ^2/NDF : 2.3/11

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

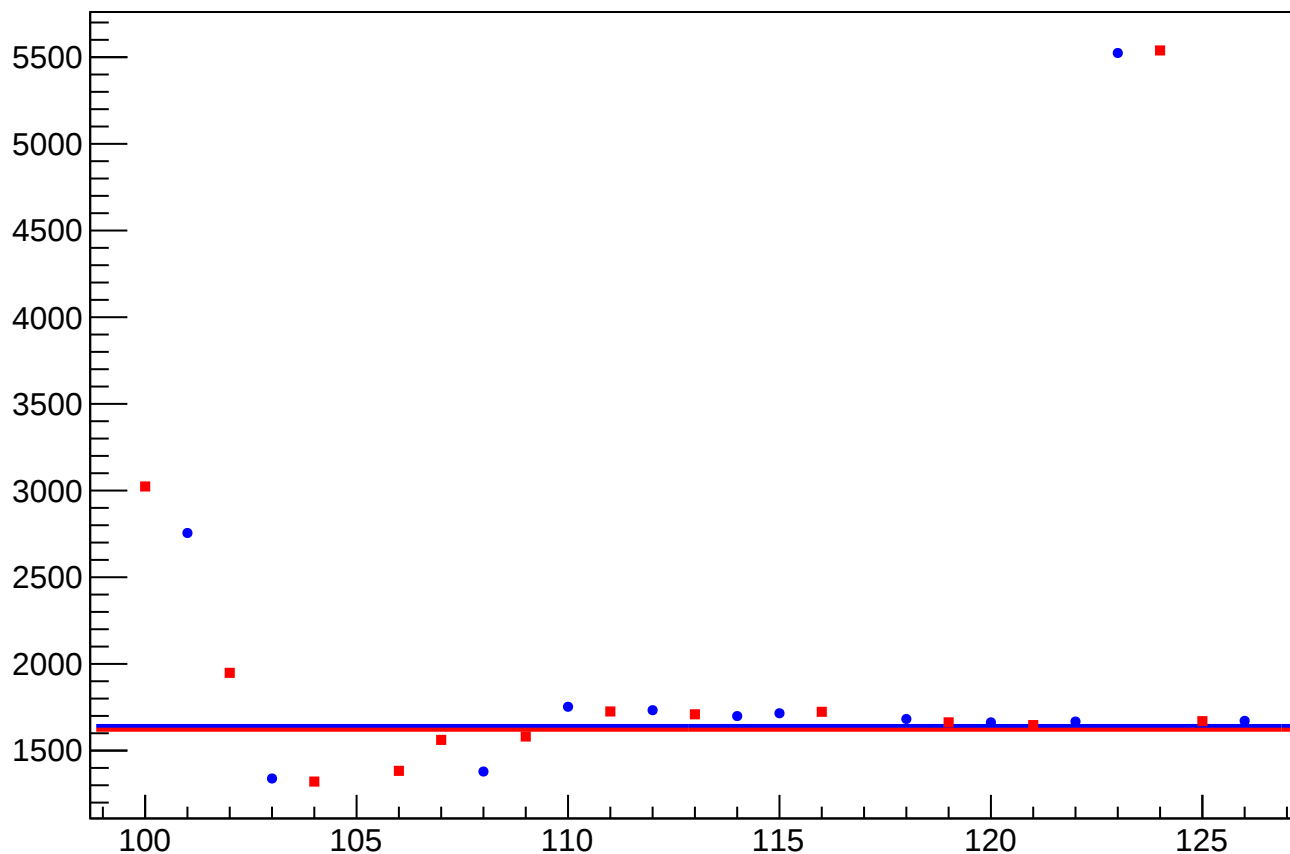
Right: 2191.767+/-562.994 χ^2/NDF : 7.6/24

In: 2864.503+/-824.739 χ^2/NDF : 2.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2191.767+/-562.994 χ^2/NDF : 7.6/24

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1642.030+/-0.583 χ^2/NDF : 315298.2/11

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

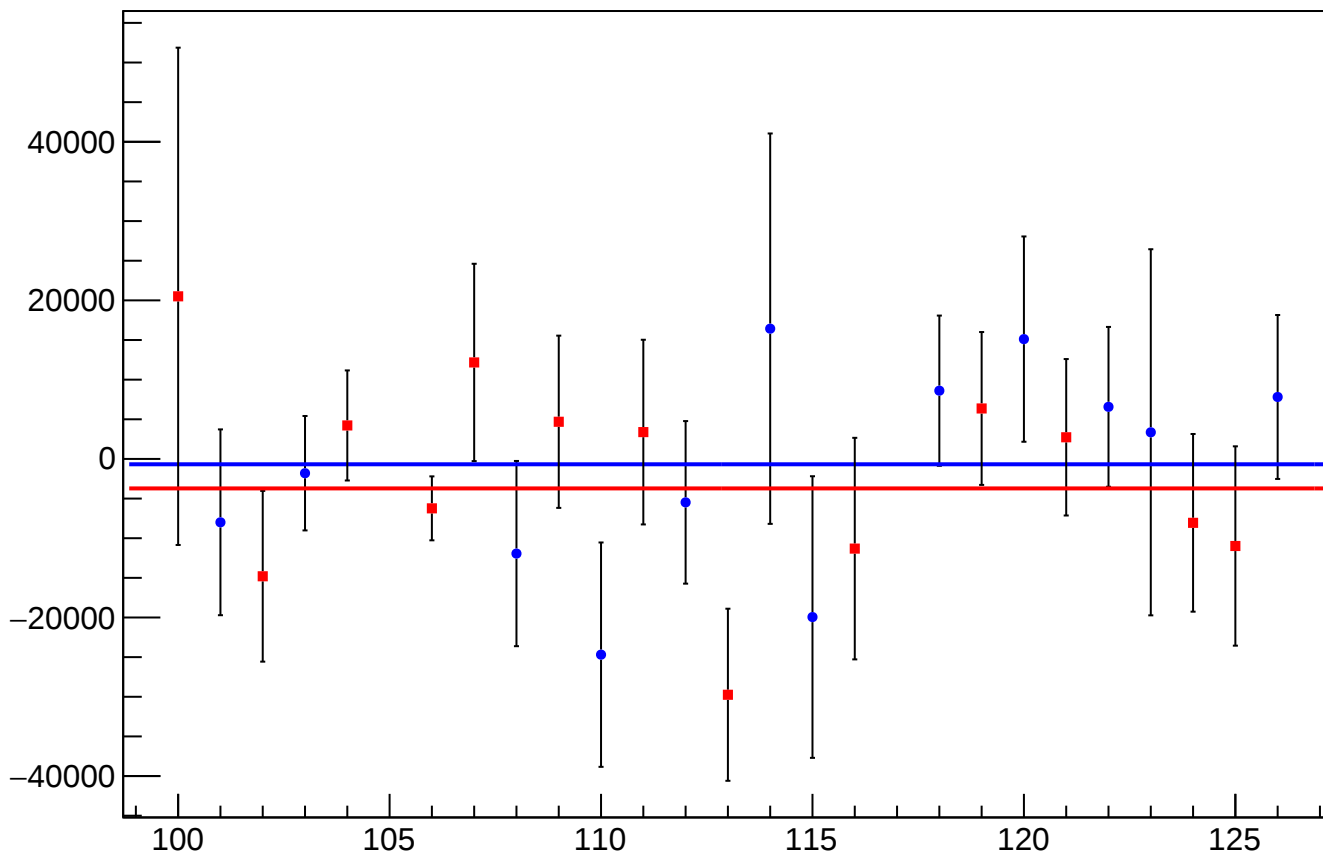
Right: 1630.440+/-0.398 χ^2/NDF : 589217.5/24

In: 1642.030+/-0.583 χ^2/NDF : 315298.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1630.440+/-0.398 χ^2/NDF : 589217.5/24

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -674.963+/-3309.167 χ^2/NDF : 9.8/11

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

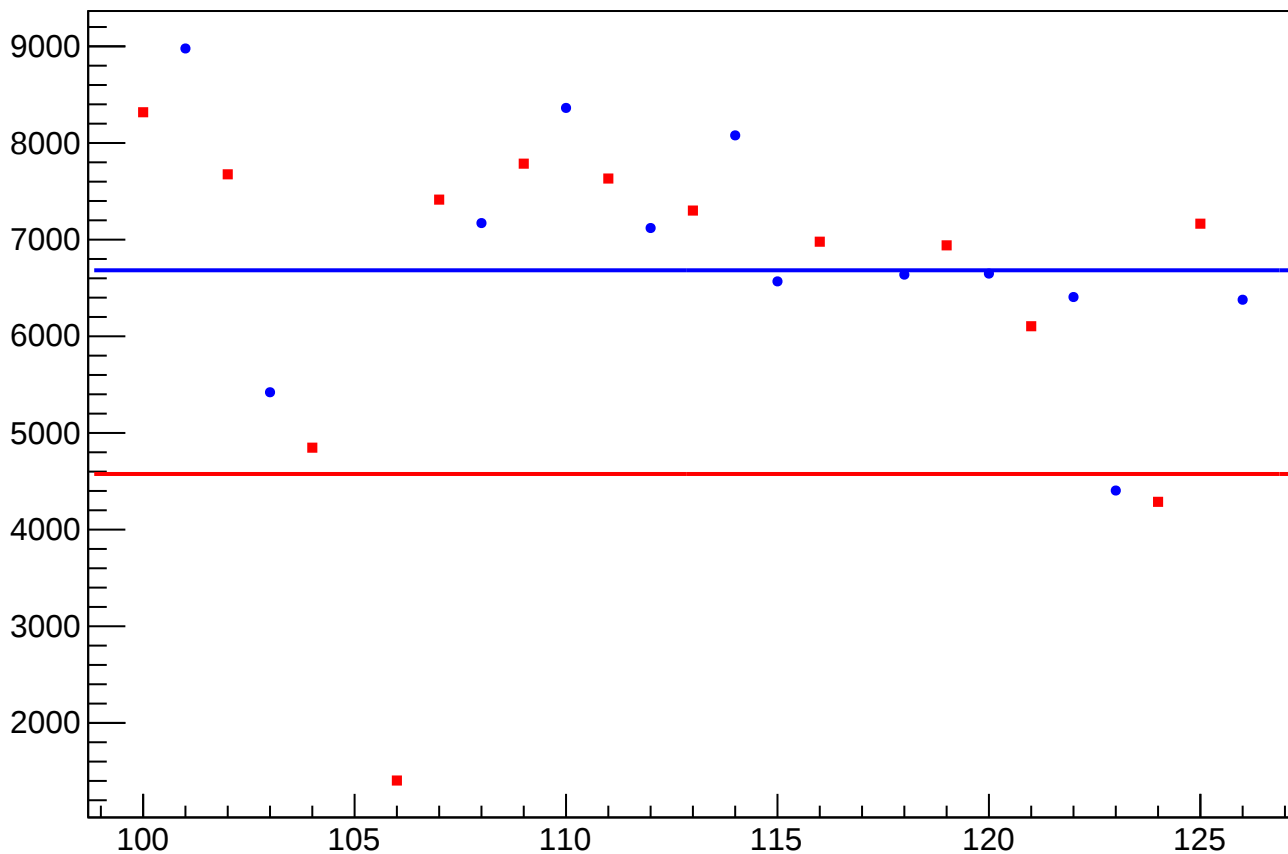
Right: -2626.453+/-1982.552 χ^2/NDF : 24.3/24

In: -674.963+/-3309.167 χ^2/NDF : 9.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2626.453+/-1982.552 χ^2/NDF : 24.3/24

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 6683.029+/-2.340 χ^2/NDF : 202479.0/11

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

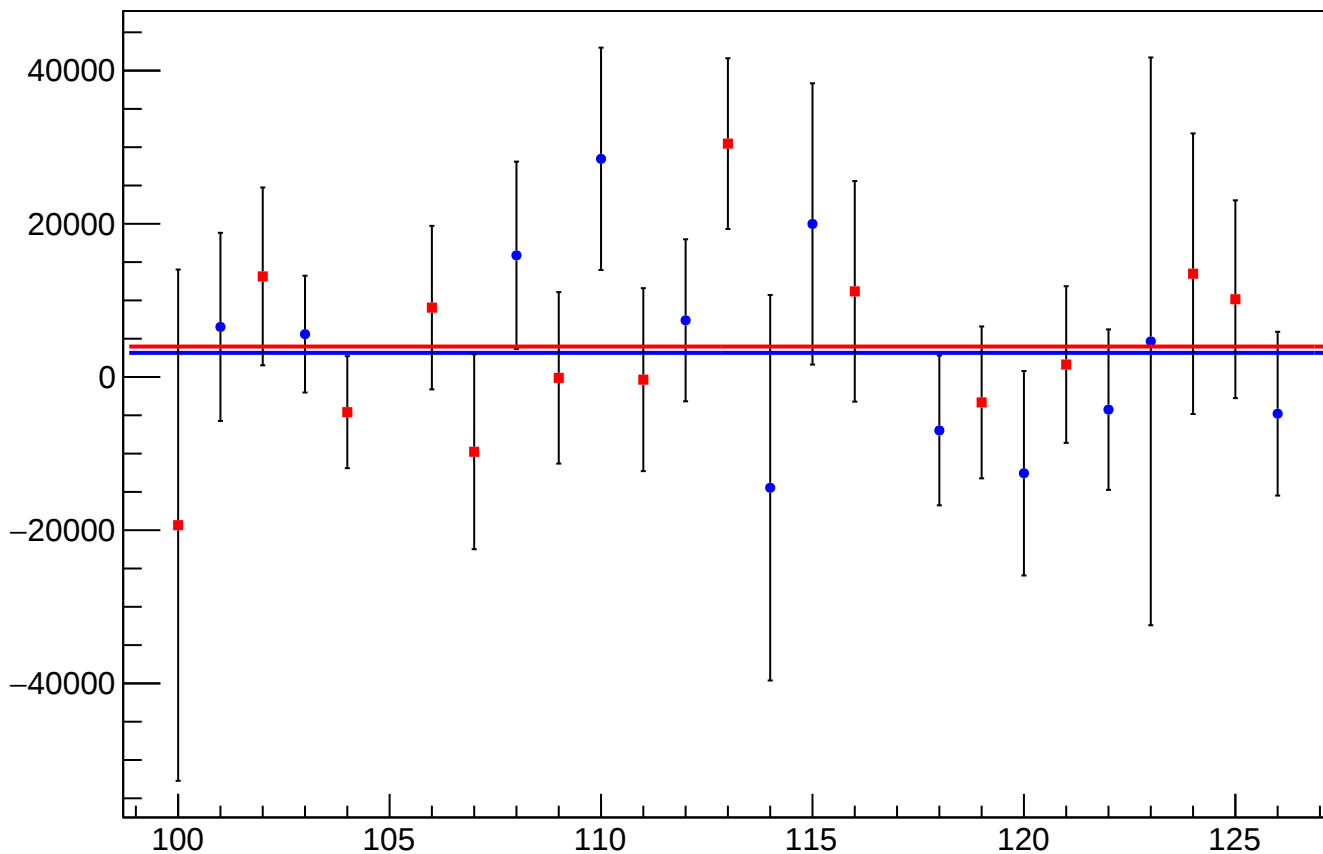
Right: 5332.024+/-1.402 χ^2/NDF : 3012768.7/24

In: 6683.029+/-2.340 χ^2/NDF : 202479.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5332.024+/-1.402 χ^2/NDF : 3012768.7/24

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3153.187+/-3462.312 χ^2/NDF : 9.3/11

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

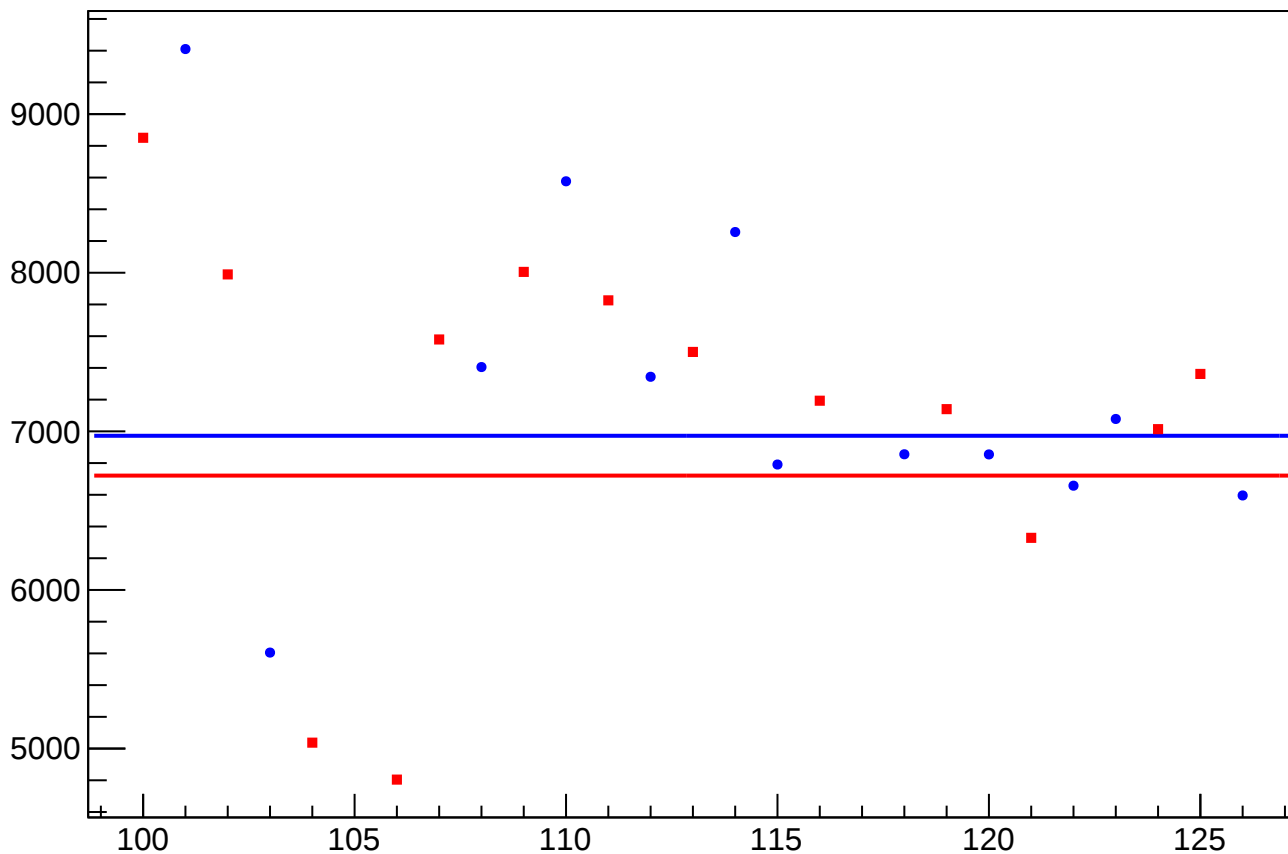
Right: 3599.838+/-2344.102 χ^2/NDF : 20.5/24

In: 3153.187+/-3462.312 χ^2/NDF : 9.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3599.838+/-2344.102 χ^2/NDF : 20.5/24

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 6972.043+/-2.448 χ^2/NDF : 182755.9/11

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

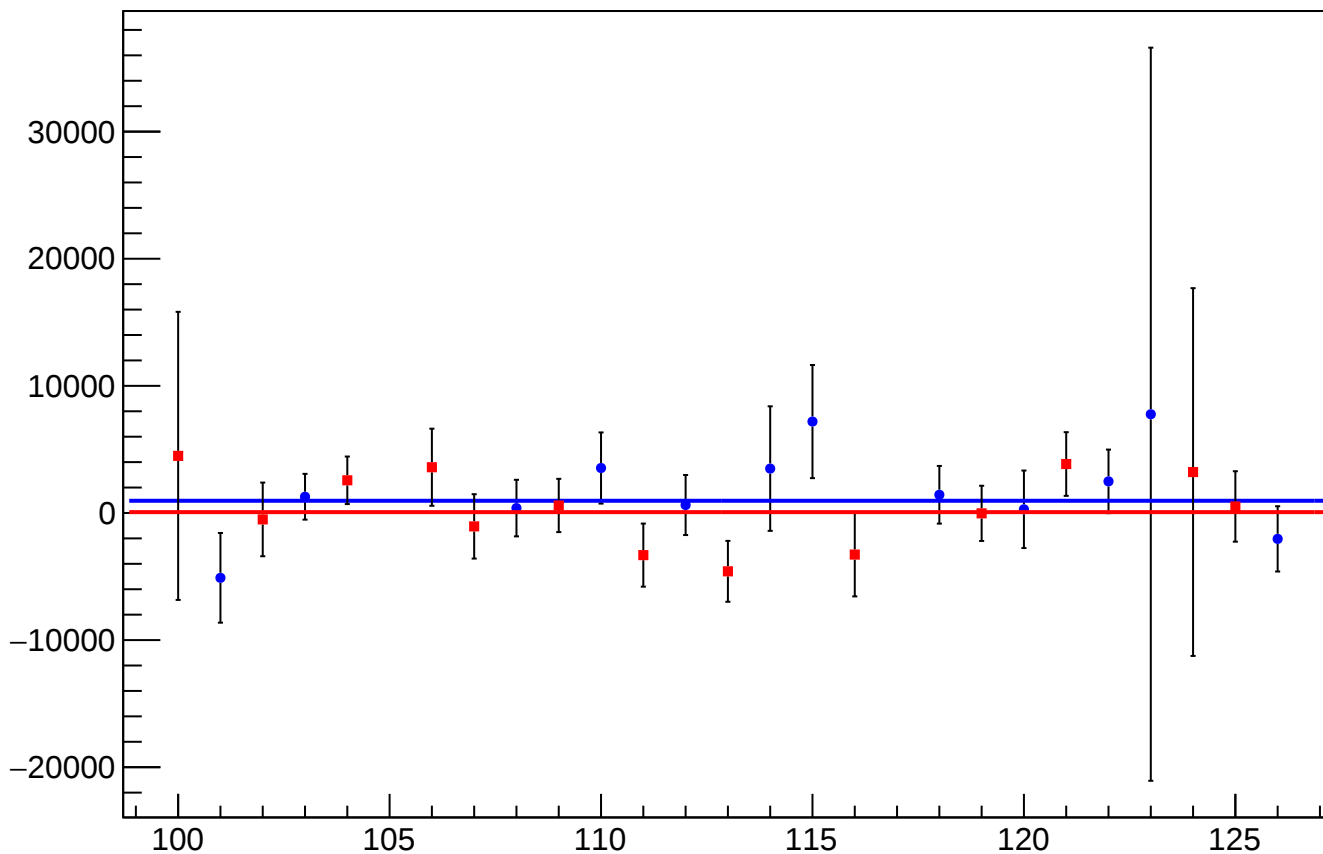
Right: 6836.041+/-1.657 χ^2/NDF : 467781.3/24

In: 6972.043+/-2.448 χ^2/NDF : 182755.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6836.041+/-1.657 χ^2/NDF : 467781.3/24

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 959.920+/-789.381 χ^2/NDF : 8.0/11

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

Right Out: 64.928+/-737.021 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

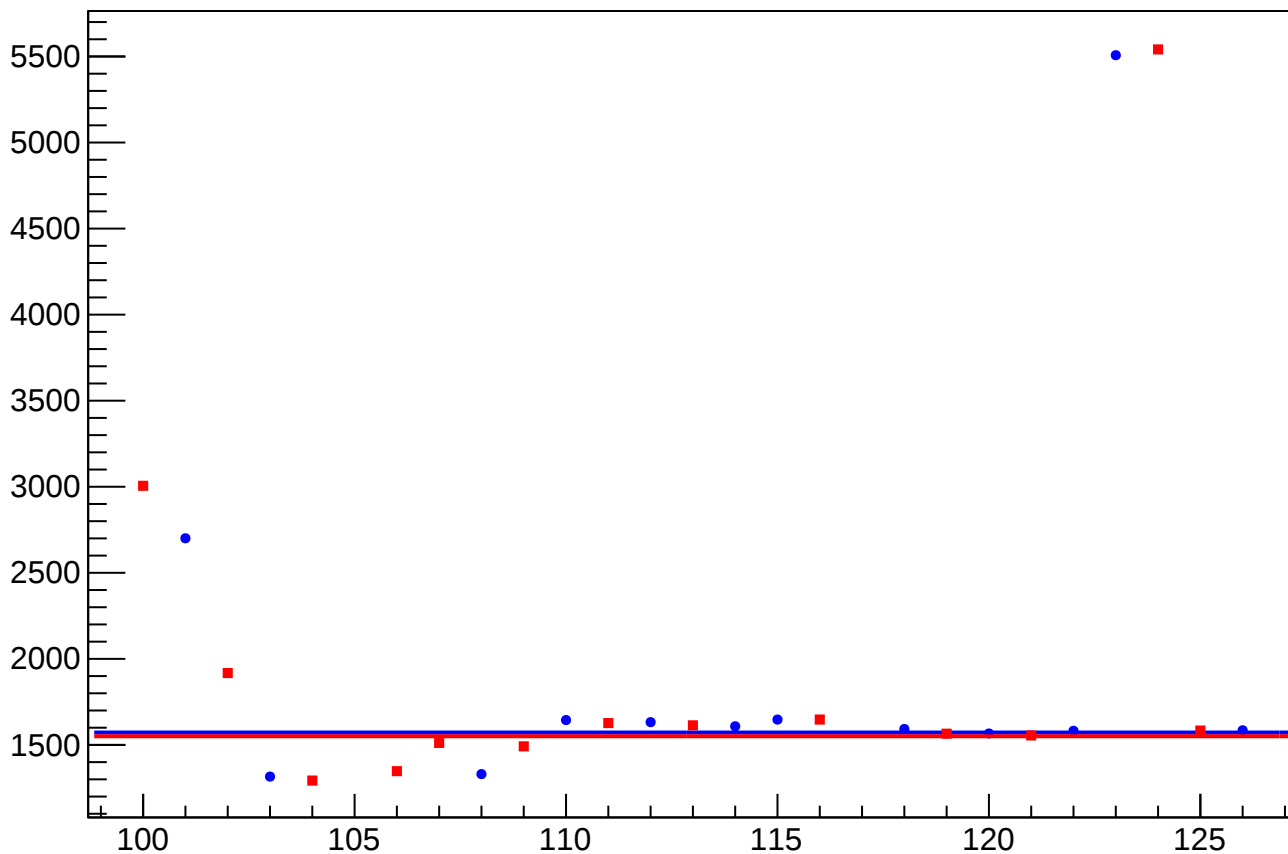
Right: 481.760+/-538.713 χ^2/NDF : 21.3/24

In: 959.920+/-789.381 χ^2/NDF : 8.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 481.760+/-538.713 χ^2/NDF : 21.3/24

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1571.971+/-0.558 χ^2/NDF : 309499.7/11

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

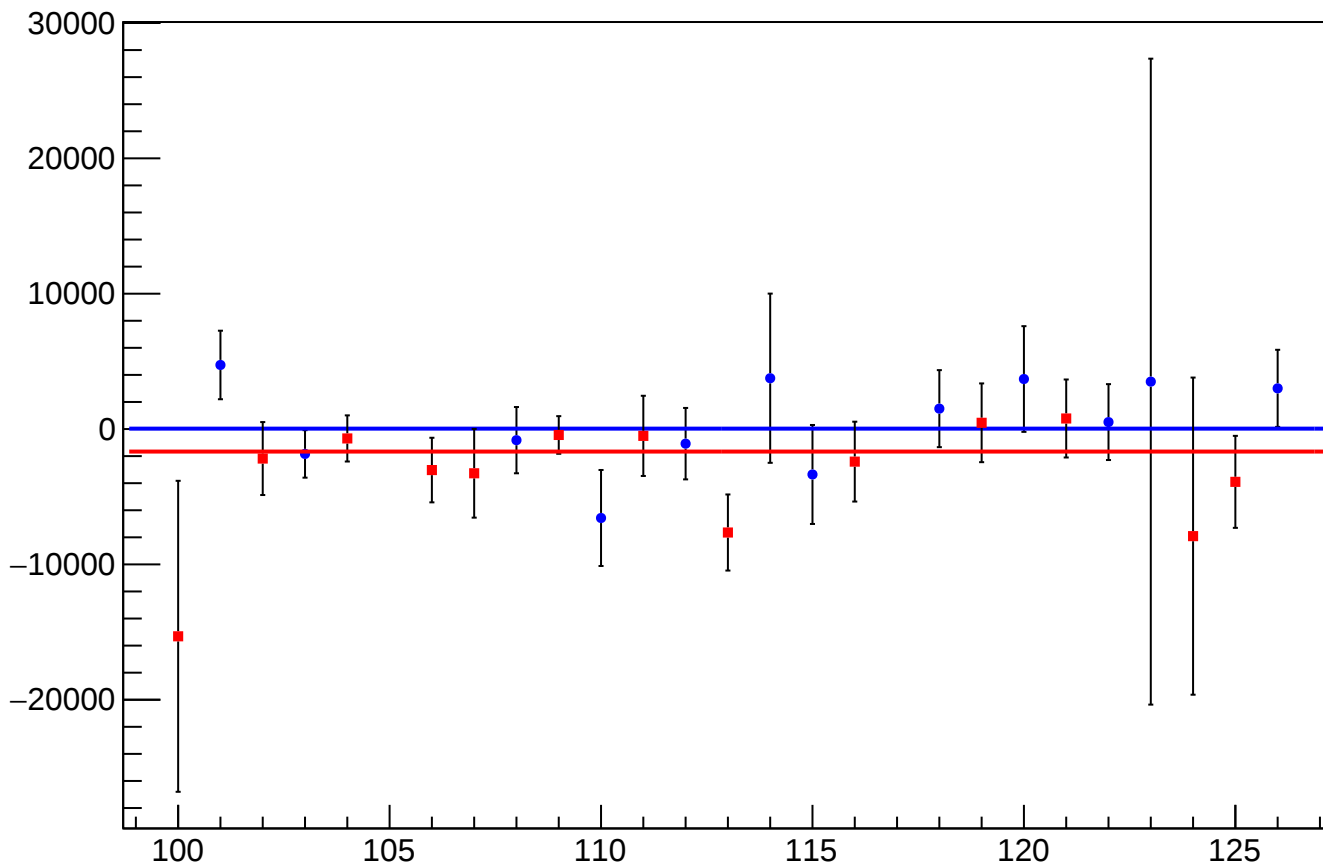
Right: 1560.345+/-0.381 χ^2/NDF : 581963.7/24

In: 1571.971+/-0.558 χ^2/NDF : 309499.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1560.345+/-0.381 χ^2/NDF : 581963.7/24

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: 30.166+/-841.323 χ^2/NDF : 11.9/11

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

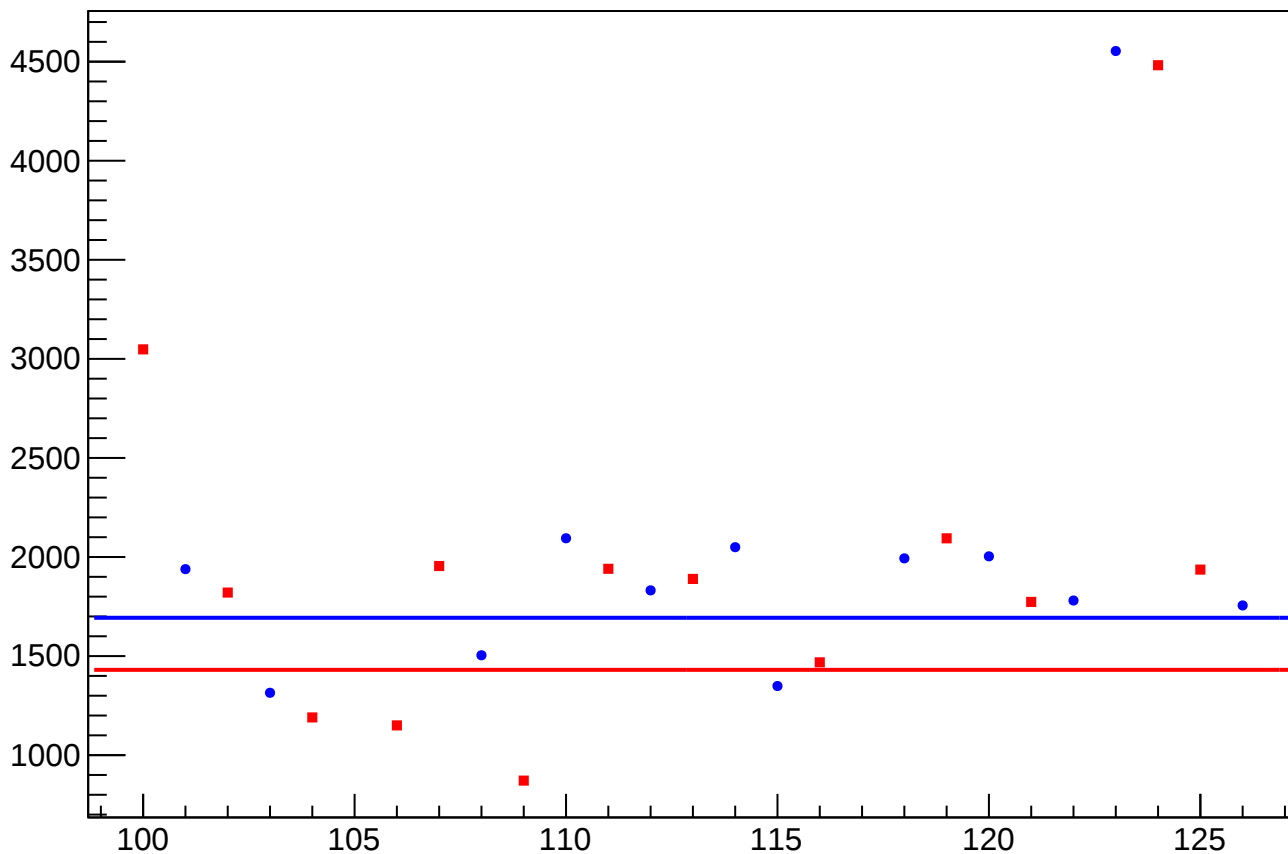
Right: -954.940+/-544.253 χ^2/NDF : 24.0/24

In: 30.166+/-841.323 χ^2/NDF : 11.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -954.940+/-544.253 χ^2/NDF : 24.0/24

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 1693.307+/-0.595 χ^2/NDF : 245675.4/11

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

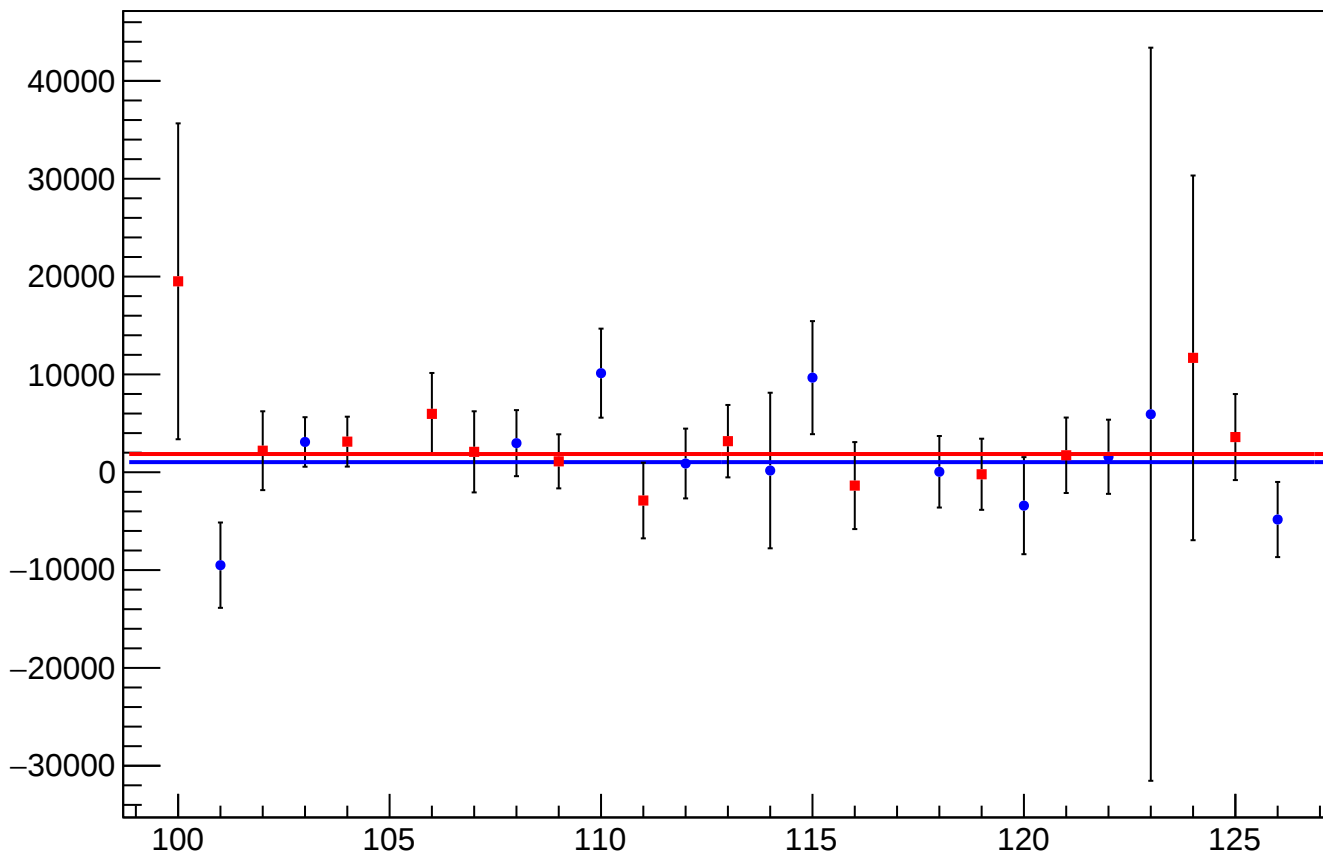
Right: 1540.518+/-0.385 χ^2/NDF : 1307609.6/24

In: 1693.307+/-0.595 χ^2/NDF : 245675.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1540.518+/-0.385 χ^2/NDF : 1307609.6/24

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1034.164+/-1176.420 χ^2/NDF : 16.3/11

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

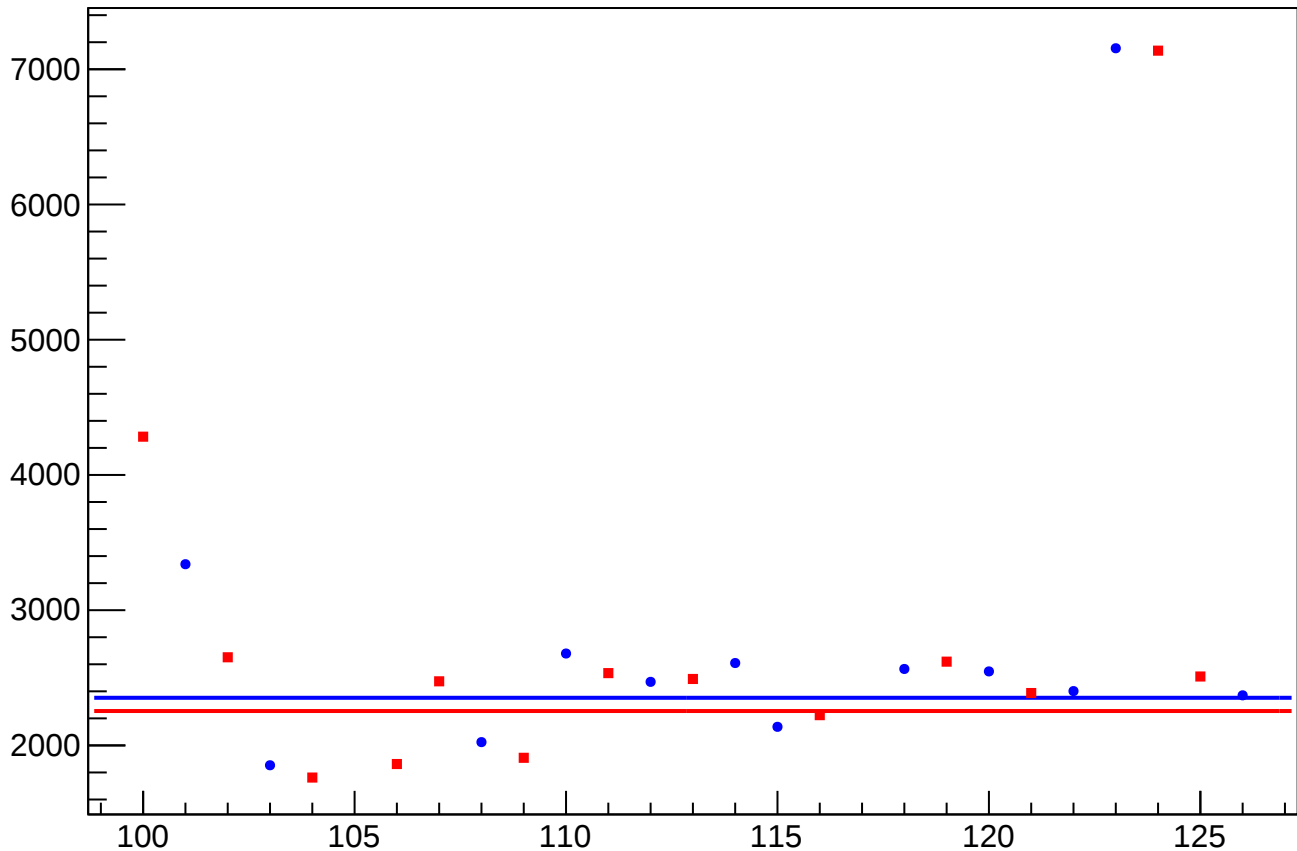
Right: 1483.032+/-796.544 χ^2/NDF : 22.0/24

In: 1034.164+/-1176.420 χ^2/NDF : 16.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1483.032+/-796.544 χ^2/NDF : 22.0/24

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2352.238+/-0.832 χ^2/NDF : 259696.9/11

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

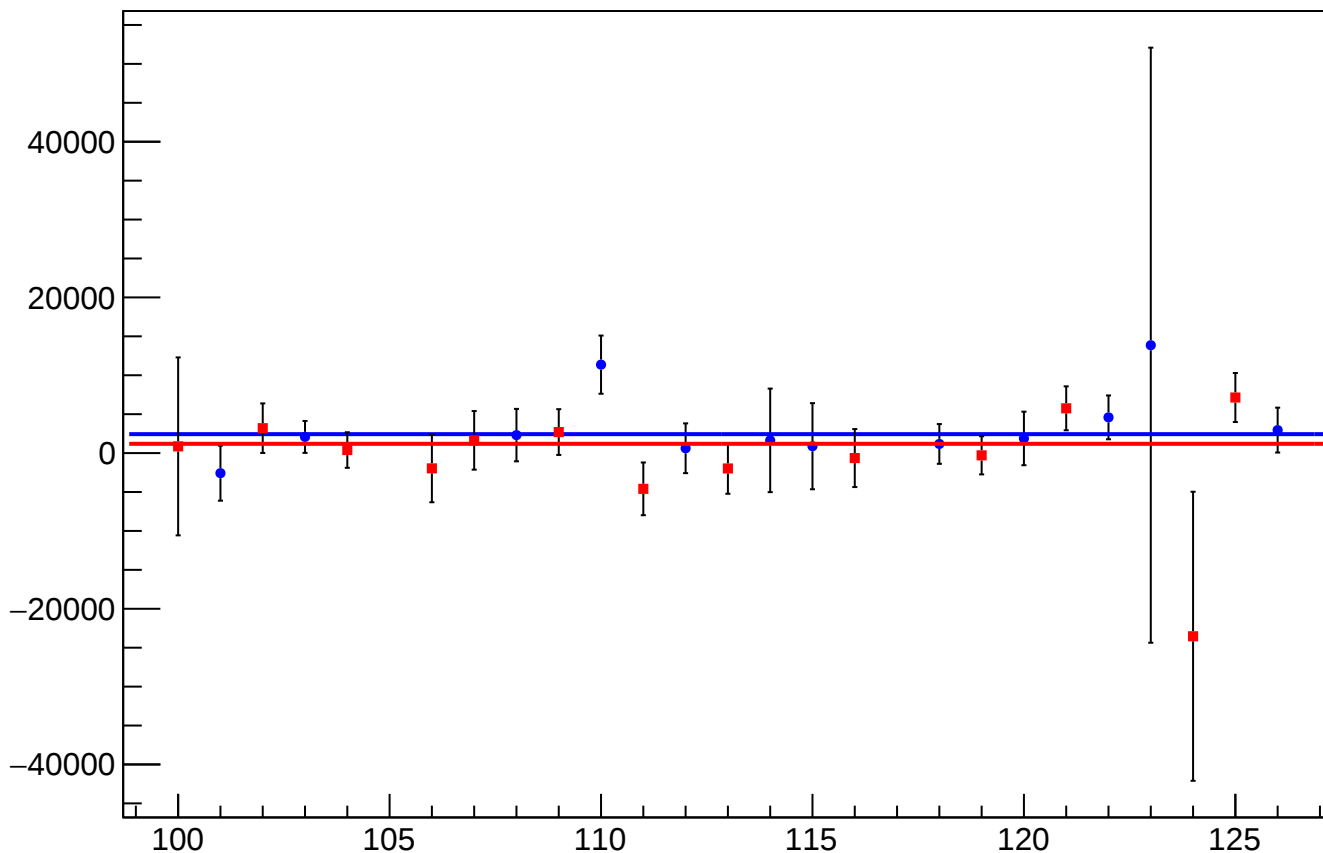
Right: 2299.217+/-0.563 χ^2/NDF : 632595.2/24

In: 2352.238+/-0.832 χ^2/NDF : 259696.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2299.217+/-0.563 χ^2/NDF : 632595.2/24

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2433.514+/-946.728 χ^2/NDF : 9.1/11

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

Right Out: 1192.258+/-917.794 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

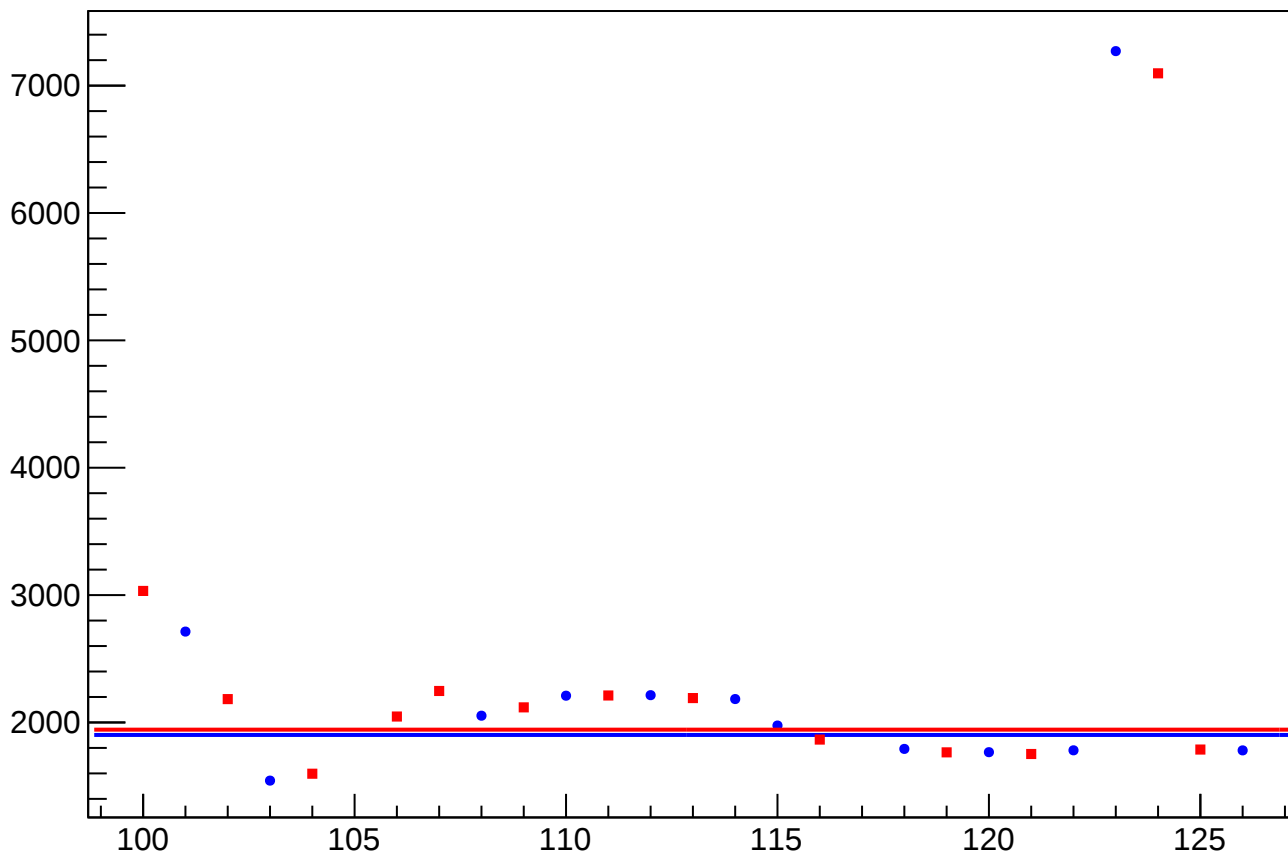
Right: 1793.628+/-658.970 χ^2/NDF : 23.8/24

In: 2433.514+/-946.728 χ^2/NDF :9.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1793.628+/-658.970 χ^2/NDF : 23.8/24

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1901.986+/-0.669 χ^2/NDF : 260562.8/11

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

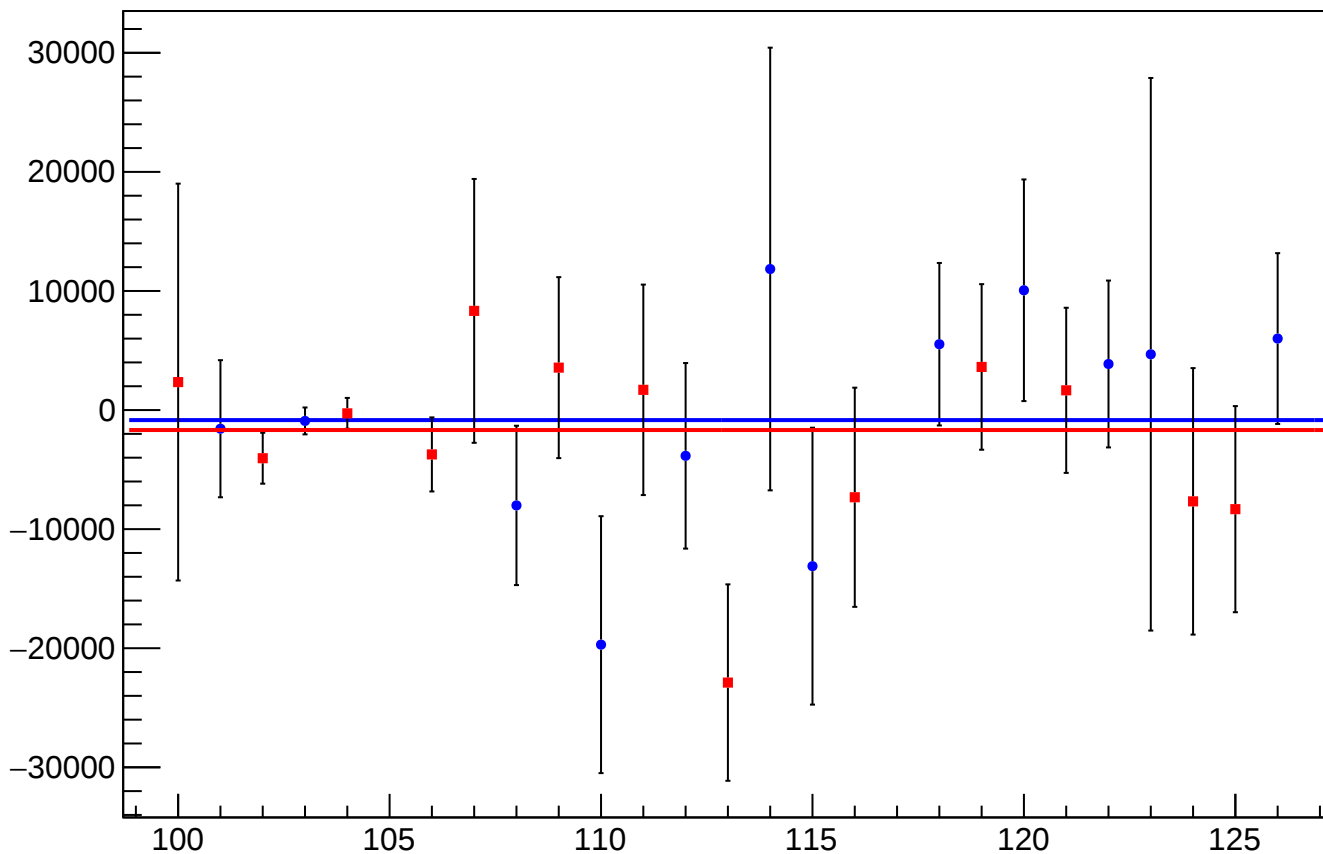
Right: 1923.442+/-0.465 χ^2/NDF : 563130.2/24

In: 1901.986+/-0.669 χ^2/NDF :260562.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1923.442+/-0.465 χ^2/NDF : 563130.2/24

asym_atl1r2_avg_correction_mean vs Slug, Sign Corrected



Right In: -842.873+/-1027.457 χ^2/NDF : 9.6/11

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

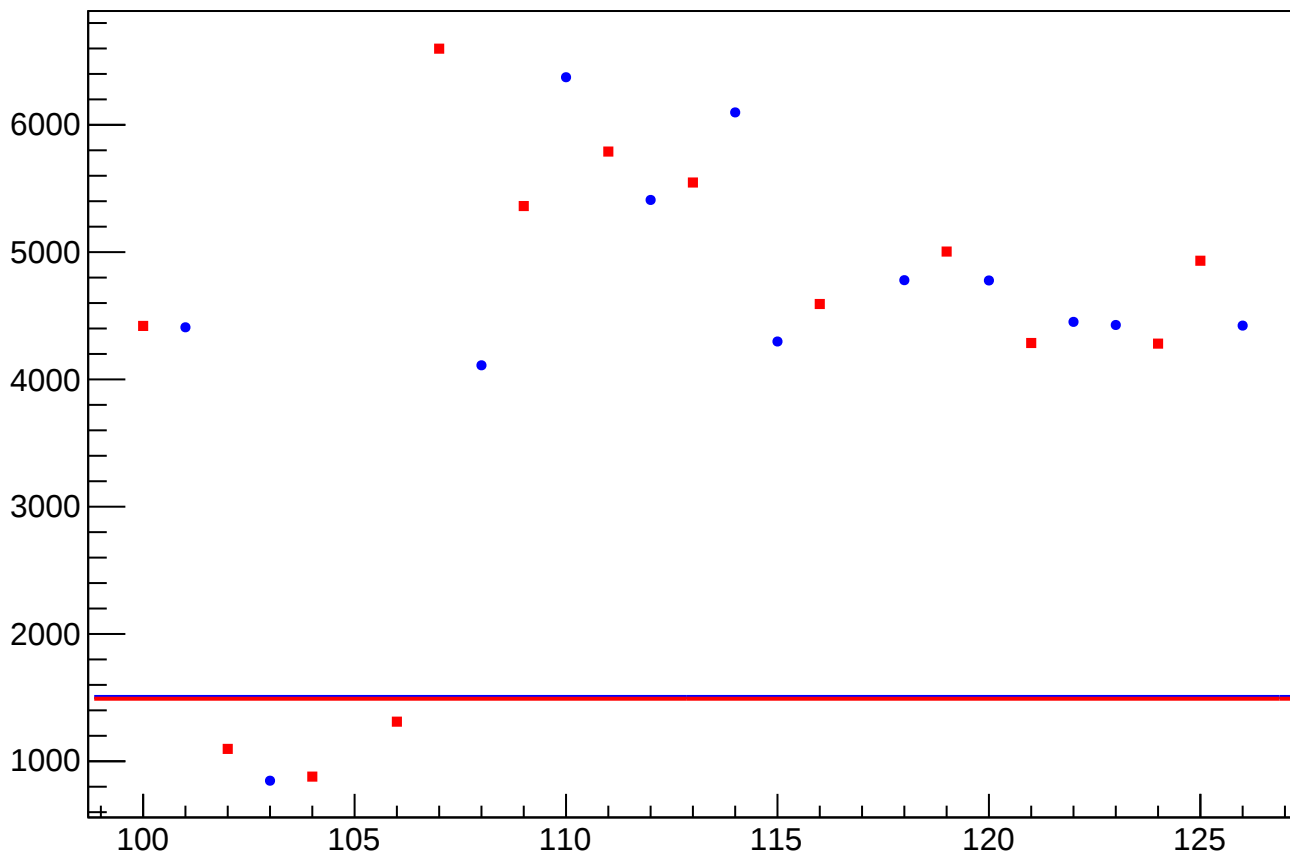
Right: -1281.602+/-707.732 χ^2/NDF : 23.0/24

In: -842.873+/-1027.457 χ^2/NDF : 9.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1281.602+/-707.732 χ^2/NDF : 23.0/24

asym_atl1r2_avg_correction_rms vs Slug, Sign Corrected



Right In: 1505.211+/-0.727 χ^2/NDF : 4063344.5/11

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

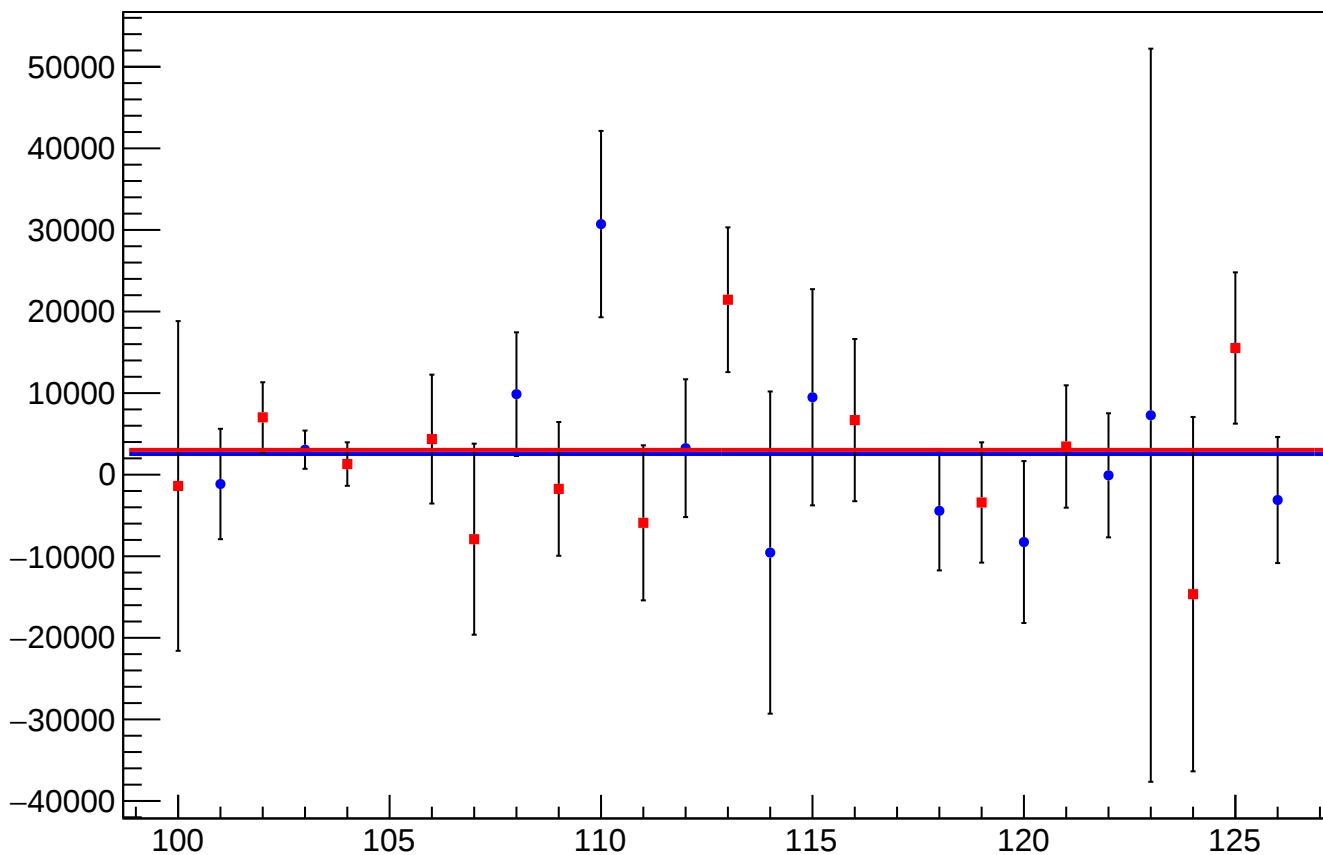
Right: 1497.937+/-0.500 χ^2/NDF : 8050297.5/24

In: 1505.211+/-0.727 χ^2/NDF :4063344.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1497.937+/-0.500 χ^2/NDF : 8050297.5/24

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2536.080+/-1783.218 χ^2/NDF : 10.8/11

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

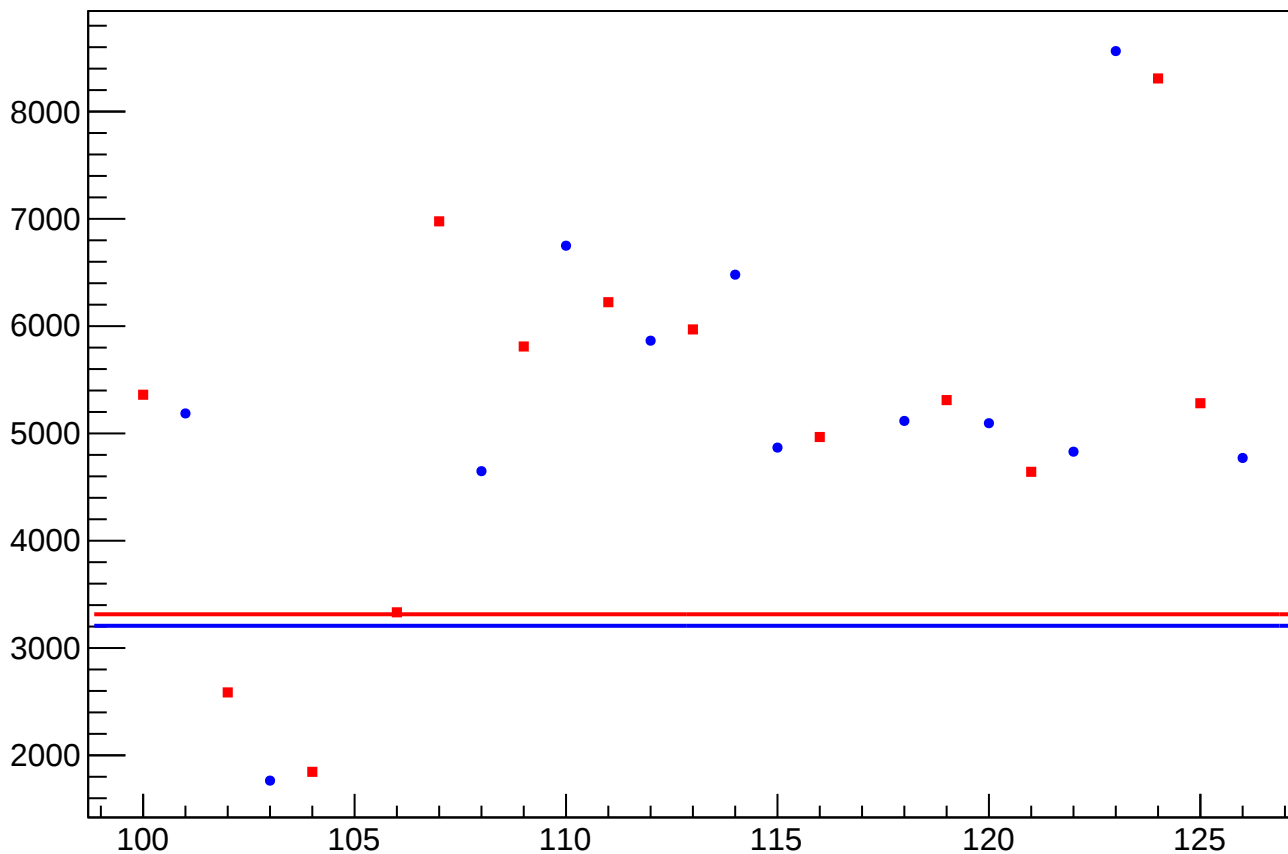
Right: 2787.020+/-1256.476 χ^2/NDF : 22.0/24

In: 2536.080+/-1783.218 χ^2/NDF : 10.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2787.020+/-1256.476 χ^2/NDF : 22.0/24

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 3207.192+/-1.261 χ^2/NDF : 1888085.7/11

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

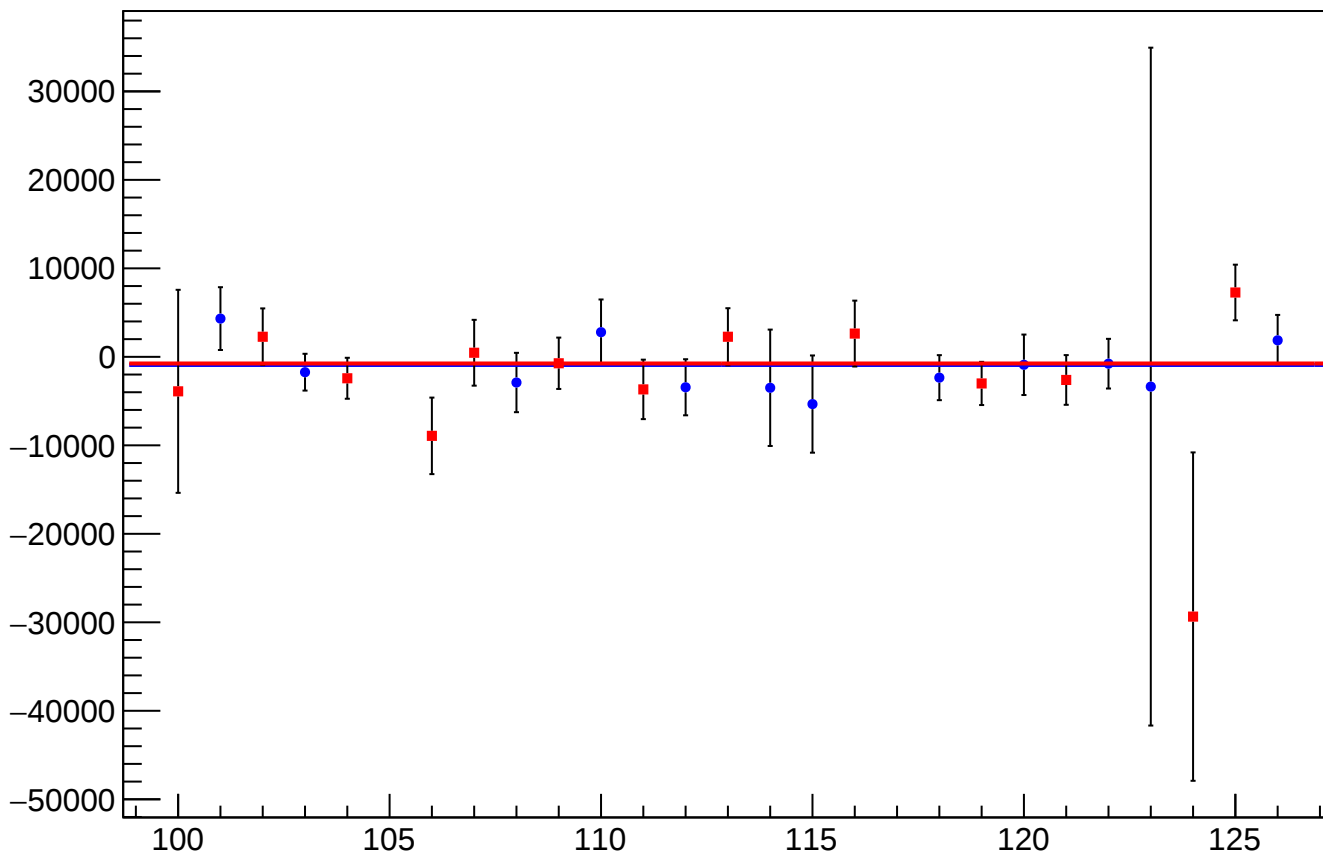
Right: 3261.671+/-0.885 χ^2/NDF : 3783134.9/24

In: 3207.192+/-1.261 χ^2/NDF : 1888085.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3261.671+/-0.885 χ^2/NDF : 3783134.9/24

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -916.828+/-945.677 χ^2/NDF : 6.4/11

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

Right Out: -750.852+/-916.021 χ^2/NDF : 17.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

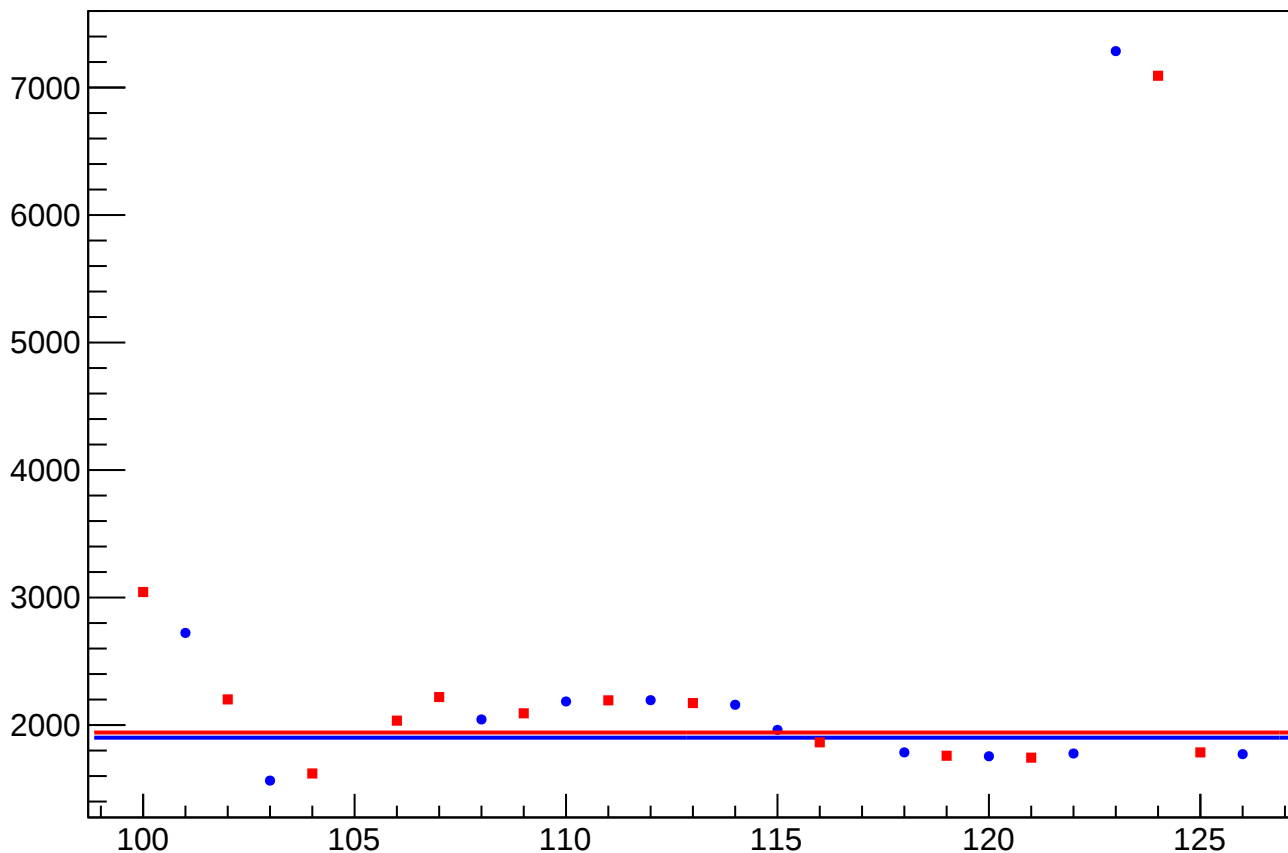
Right: -831.197+/-657.959 χ^2/NDF : 24.2/24

In: -916.828+/-945.677 χ^2/NDF :6.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -831.197+/-657.959 χ^2/NDF : 24.2/24

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1900.959+/-0.669 χ^2/NDF : 251009.3/11

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

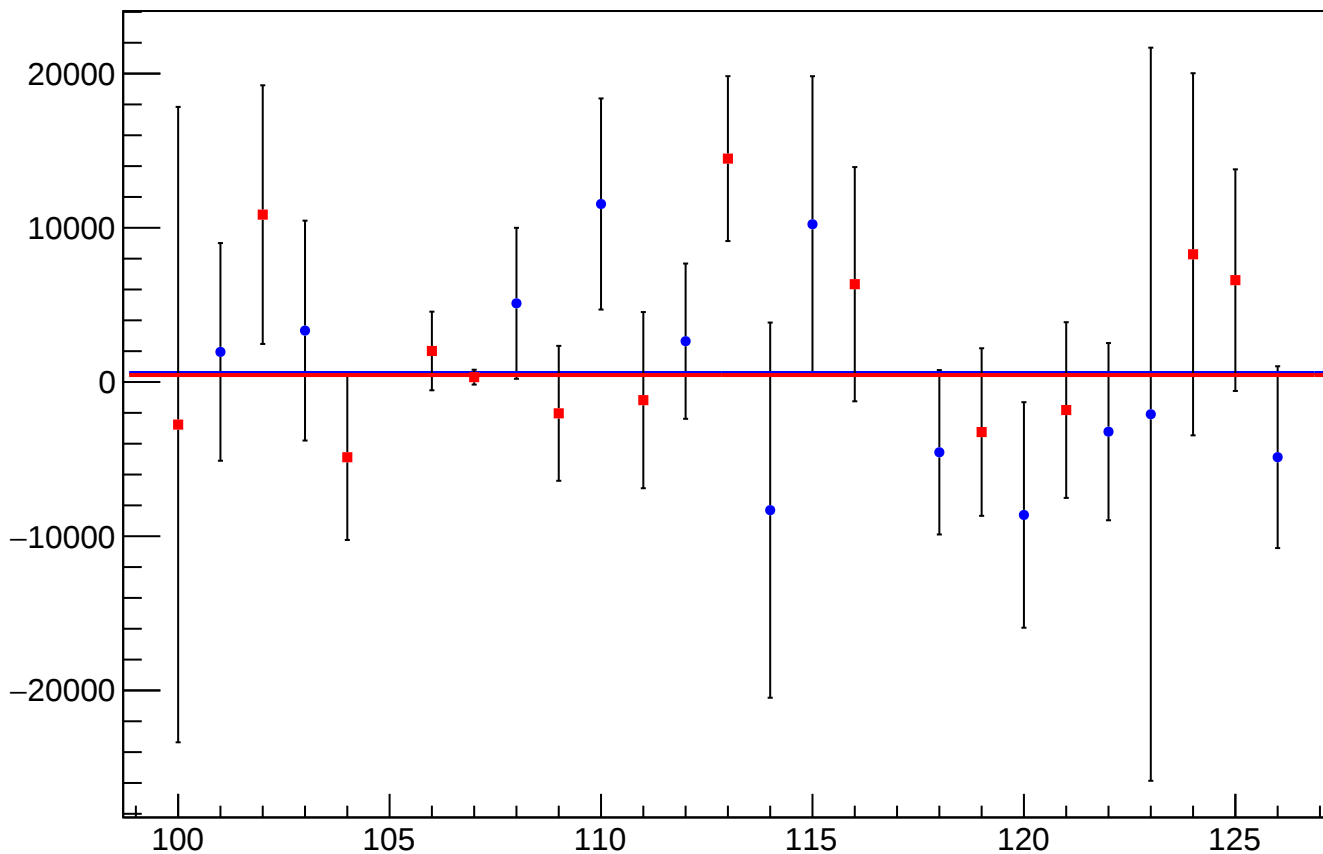
Right: 1921.828+/-0.465 χ^2/NDF : 543015.1/24

In: 1900.959+/-0.669 χ^2/NDF : 251009.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1921.828+/-0.465 χ^2/NDF : 543015.1/24

asym_atl1r2_dd_correction_mean vs Slug, Sign Corrected



Right In: 584.186+/-1908.170 χ^2/NDF : 9.1/11

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

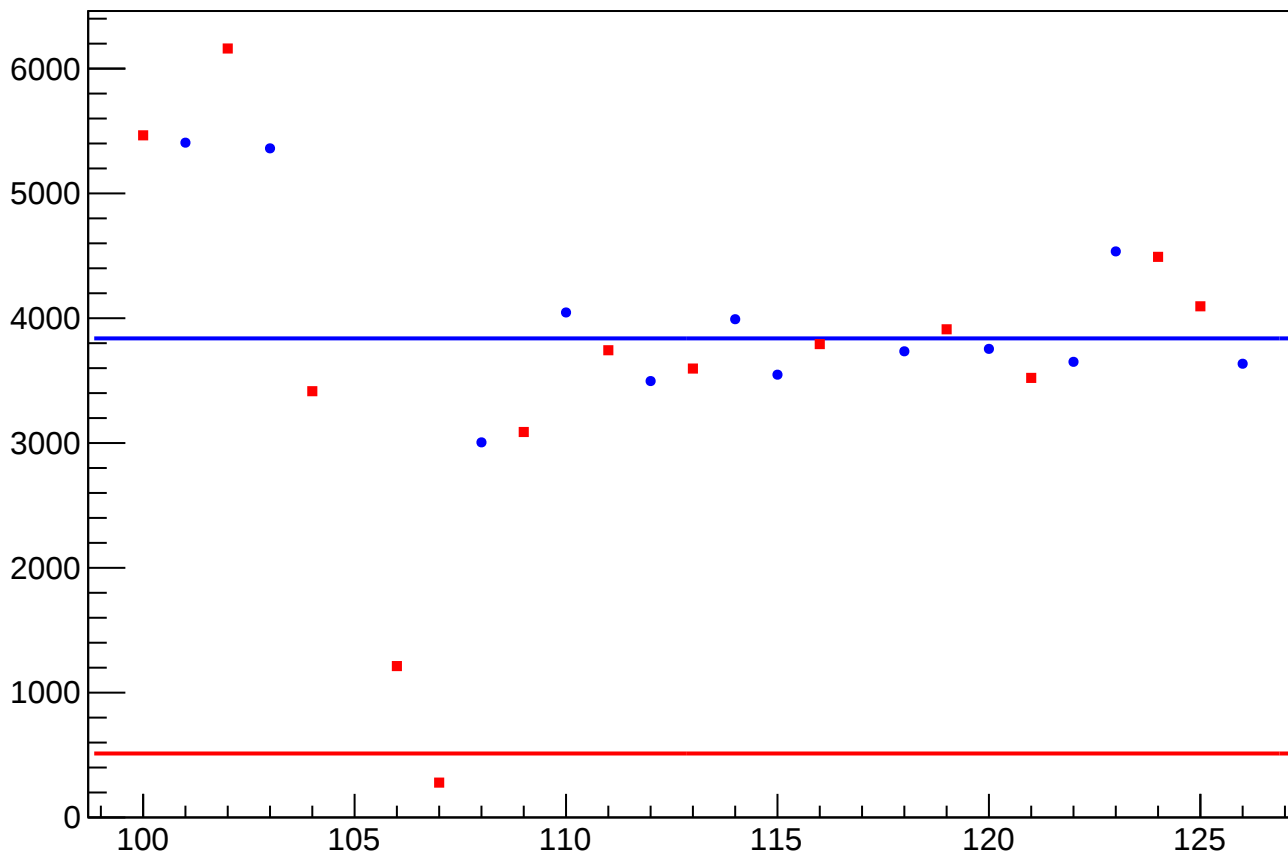
Right: 459.264+/-446.569 χ^2/NDF : 21.8/24

In: 584.186+/-1908.170 χ^2/NDF : 9.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 459.264+/-446.569 χ^2/NDF : 21.8/24

asym_atl1r2_dd_correction_rms vs Slug, Sign Corrected



Right In: 3838.386+/-1.349 χ^2/NDF : 268359.5/11

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

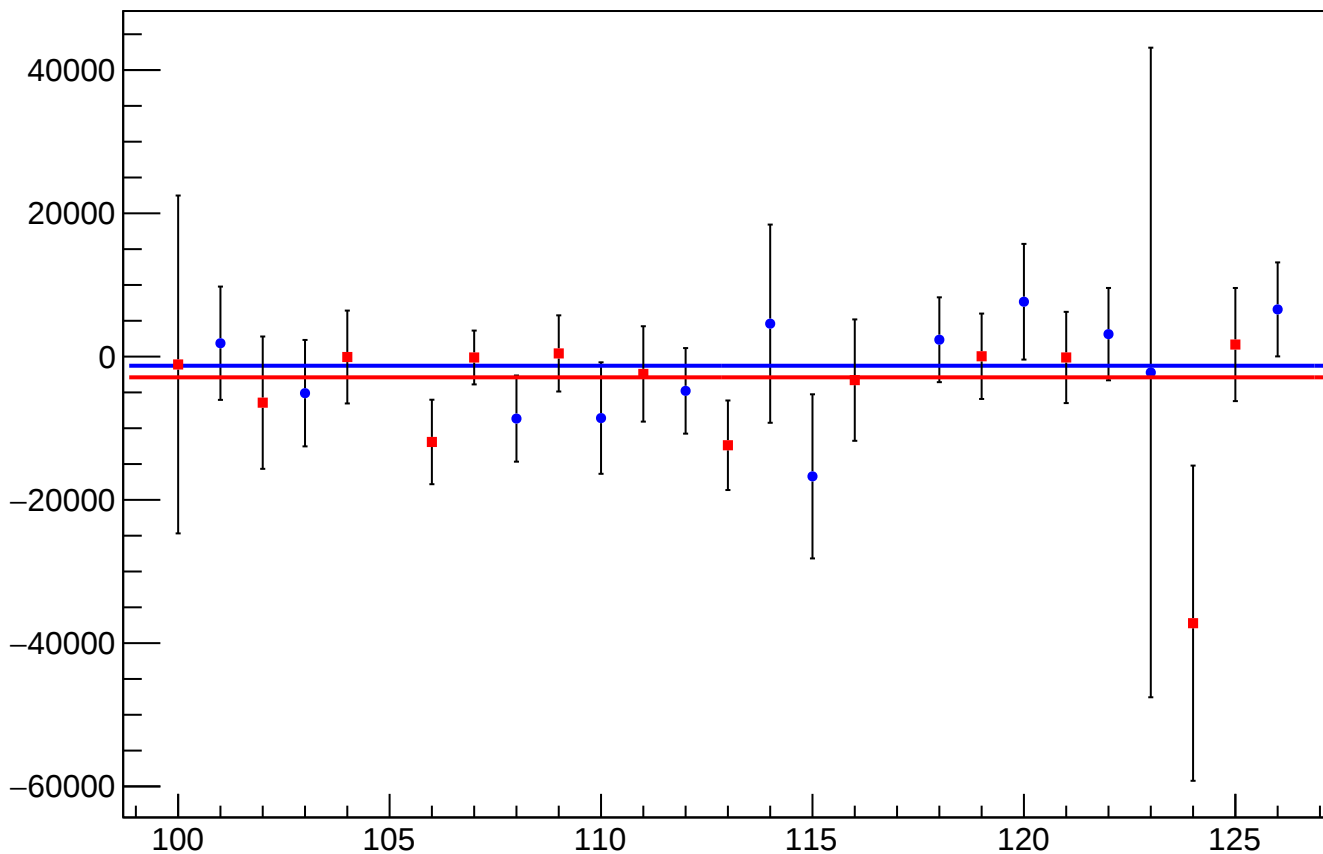
Right: 694.643+/-0.316 χ^2/NDF : 12680423.2/24

In: 3838.386+/-1.349 χ^2/NDF : 268359.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 694.643+/-0.316 χ^2/NDF : 12680423.2/24

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1276.199+/-2178.057 χ^2/NDF : 8.7/11

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

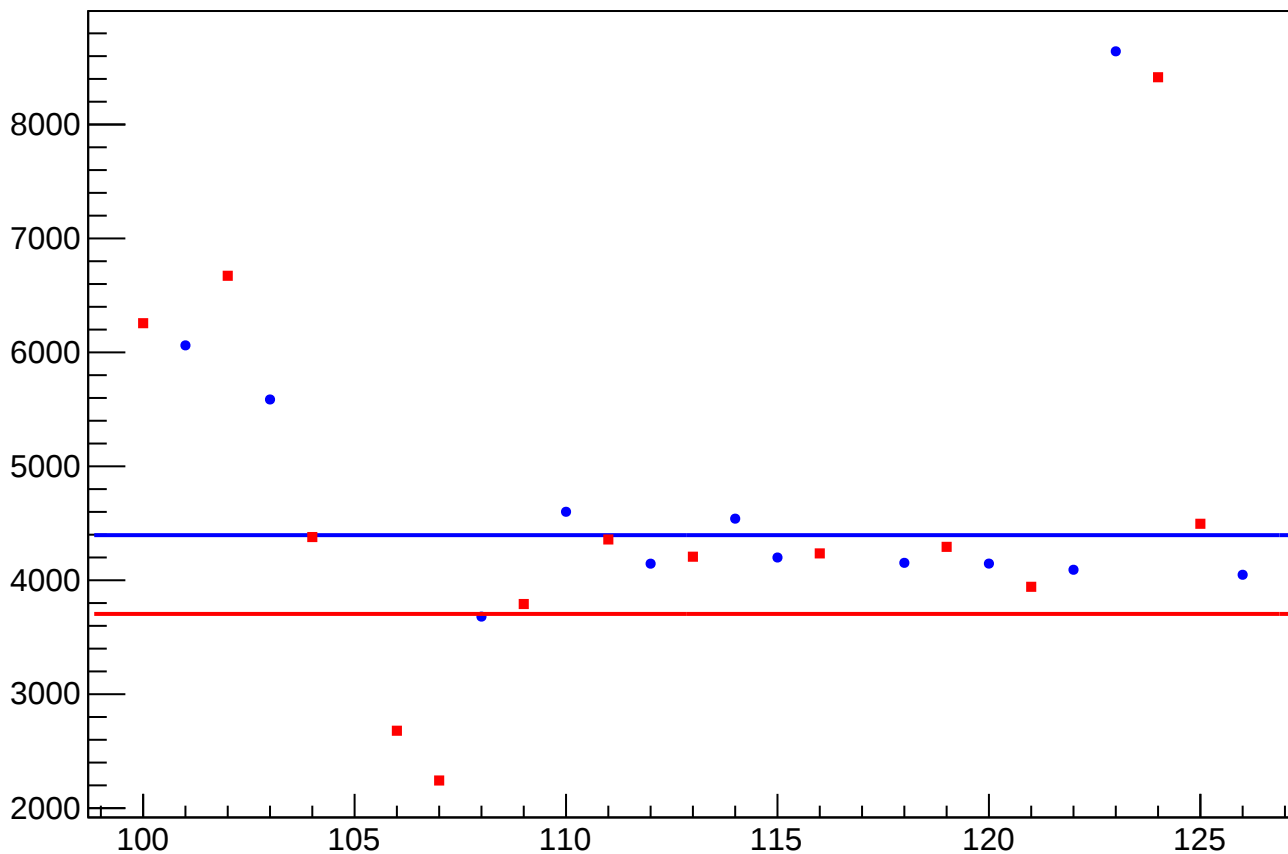
Right: -2233.251+/-1392.003 χ^2/NDF : 18.1/24

In: -1276.199+/-2178.057 χ^2/NDF : 8.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2233.251+/-1392.003 χ^2/NDF : 18.1/24

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 4395.946+/-1.540 χ^2/NDF : 206960.5/11

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

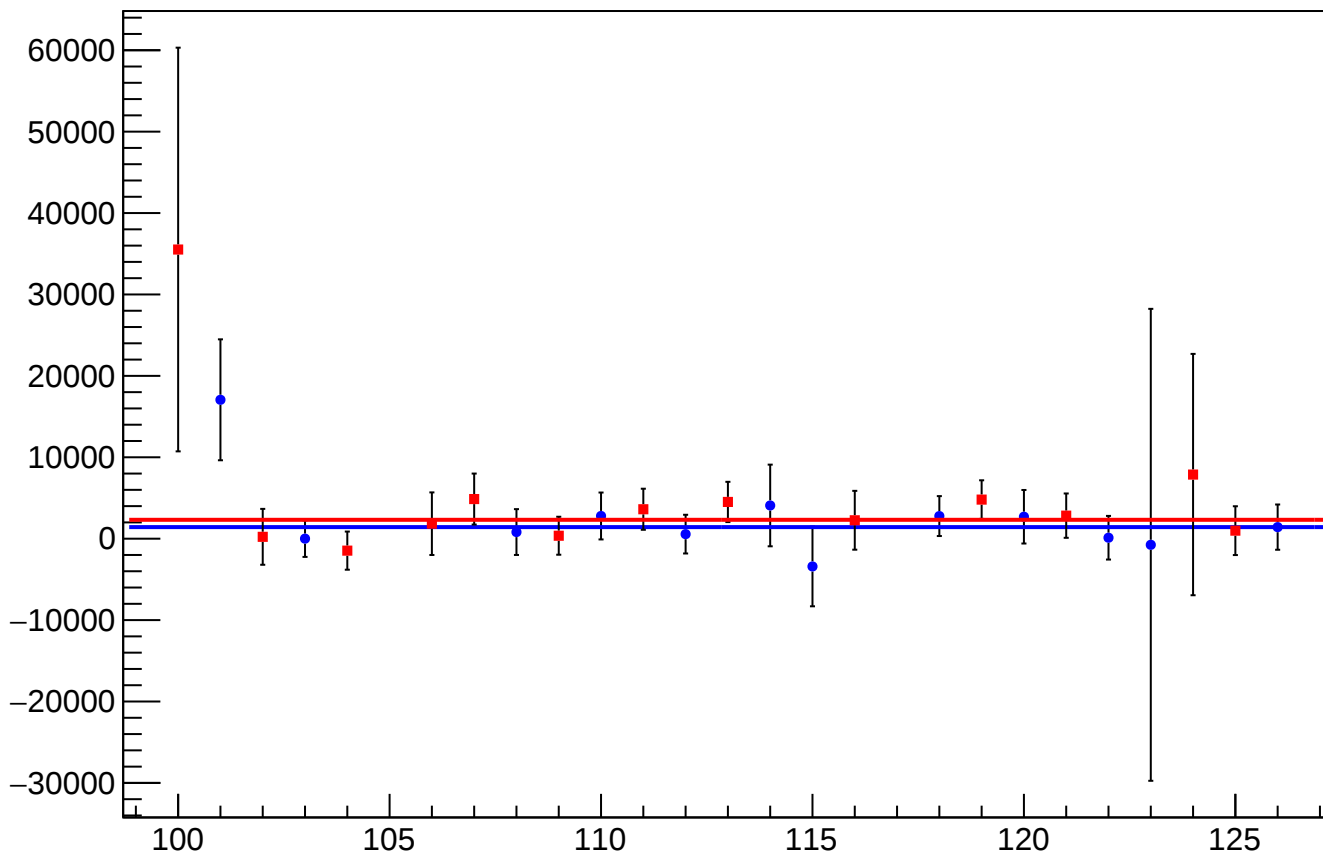
Right: 3984.158+/-0.979 χ^2/NDF : 1127264.8/24

In: 4395.946+/-1.540 χ^2/NDF : 206960.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3984.158+/-0.979 χ^2/NDF : 1127264.8/24

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1422.508+/-894.222 χ^2/NDF : 7.2/11

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

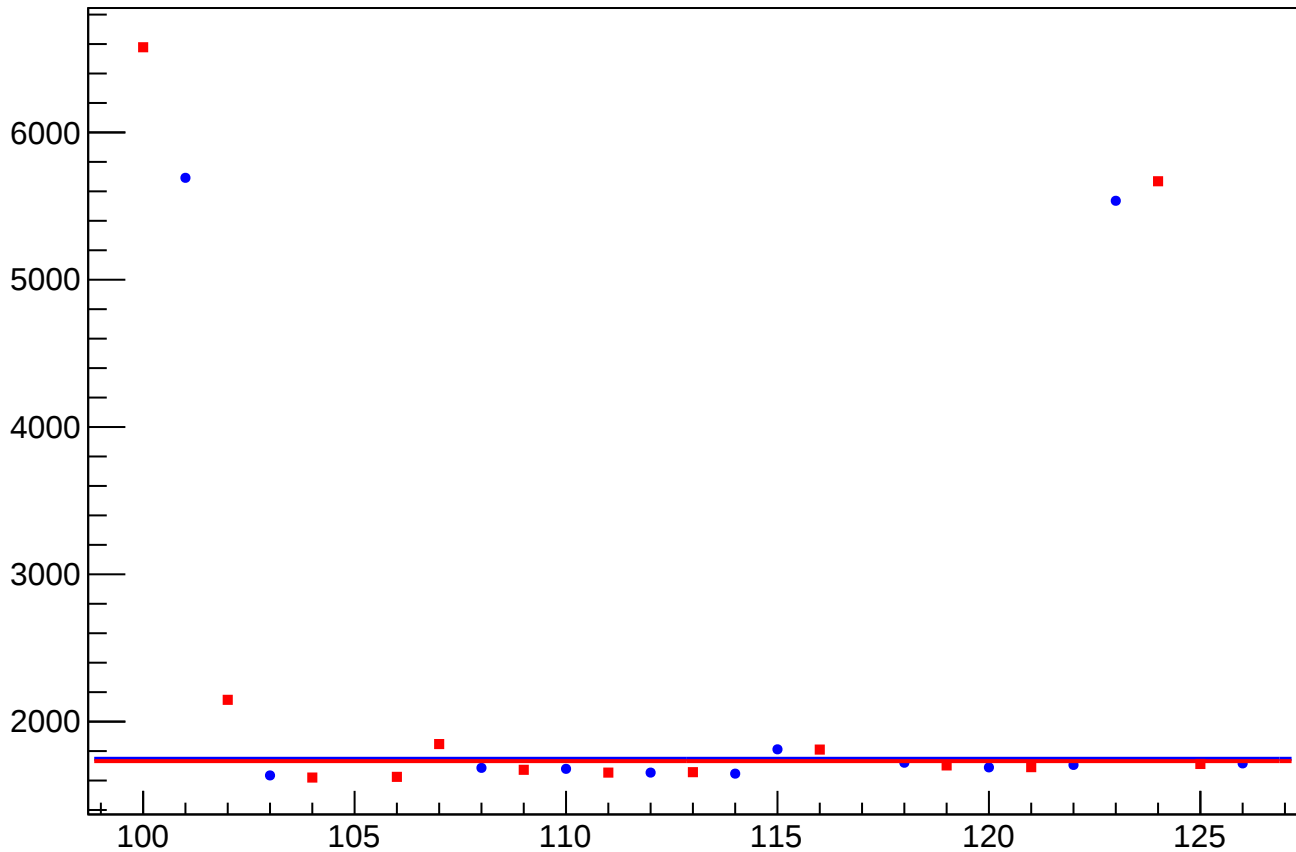
Right: 1904.014+/-608.734 χ^2/NDF : 16.4/24

In: 1422.508+/-894.222 χ^2/NDF : 7.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1904.014+/-608.734 χ^2/NDF : 16.4/24

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1747.588+/-0.632 χ^2/NDF : 611132.0/11

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

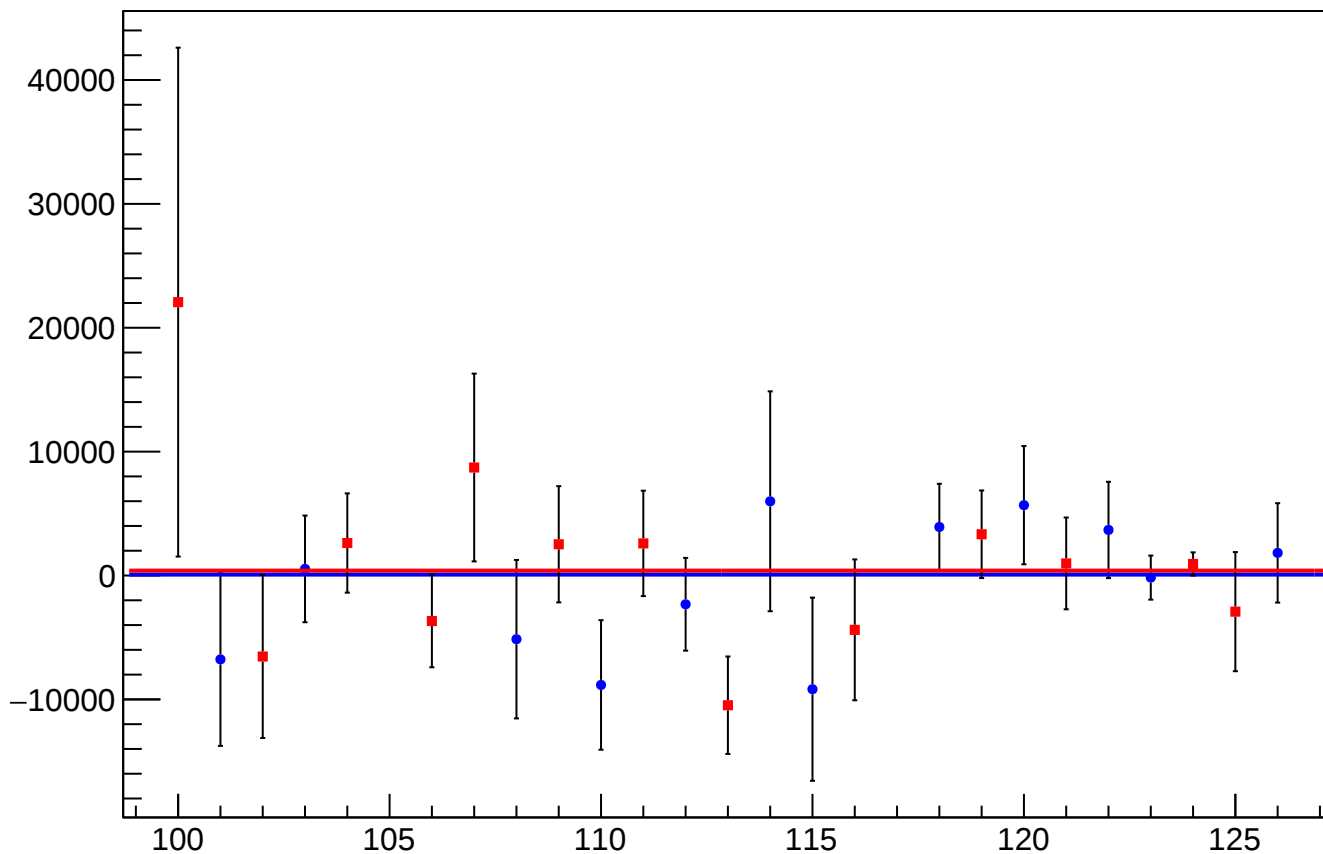
Right: 1739.028+/-0.428 χ^2/NDF : 874644.1/24

In: 1747.588+/-0.632 χ^2/NDF : 611132.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1739.028+/-0.428 χ^2/NDF : 874644.1/24

asym_atr1l2_avg_correction_mean vs Slug, Sign Corrected



Right In: 73.790+/-1112.150 χ^2/NDF : 10.6/11

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

Right Out: 395.598+/-764.083 χ^2/NDF : 15.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

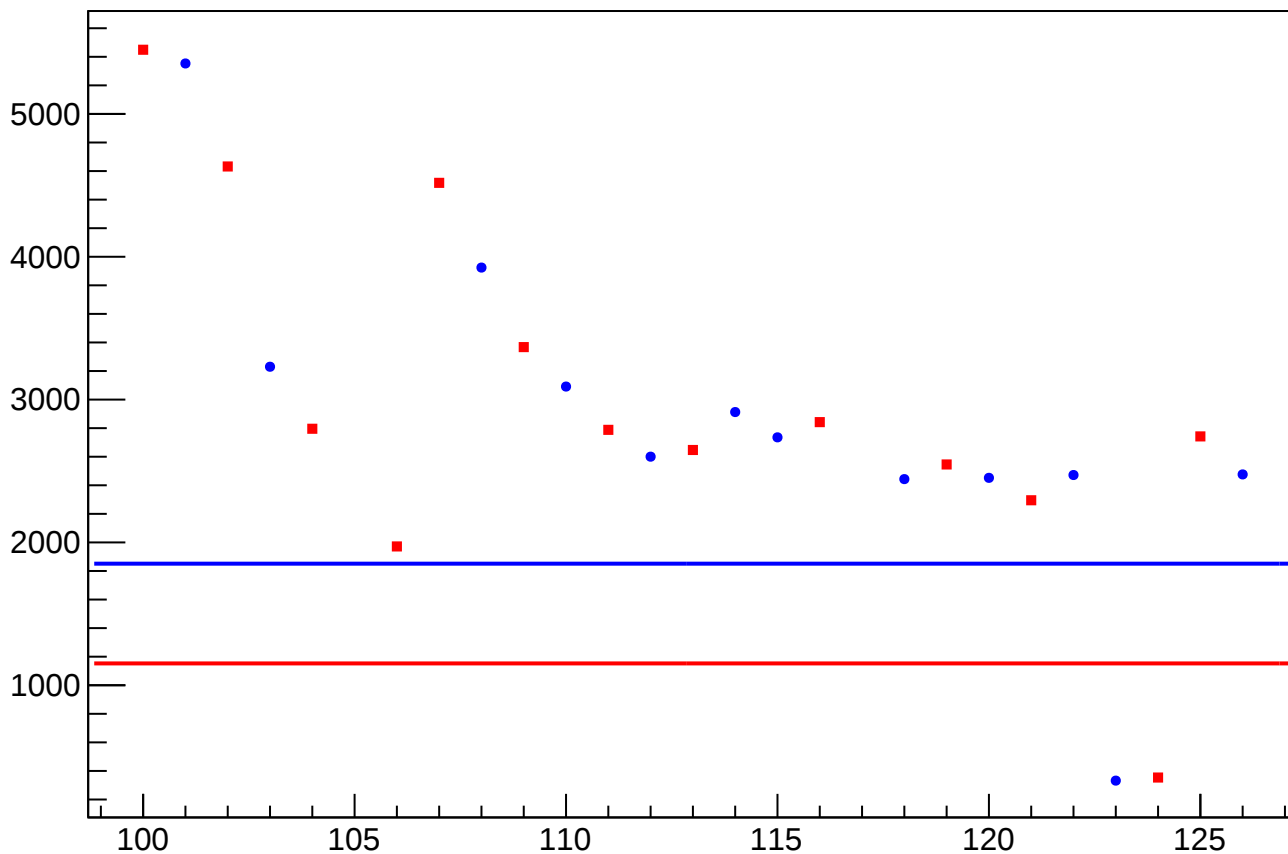
Right: 292.407+/-629.774 χ^2/NDF : 25.9/24

In: 73.790+/-1112.150 χ^2/NDF : 10.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 292.407+/-629.774 χ^2/NDF : 25.9/24

asym_atr1l2_avg_correction_rms vs Slug, Sign Corrected



Right In: 1851.195+/-0.786 χ^2/NDF : 2815836.7/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

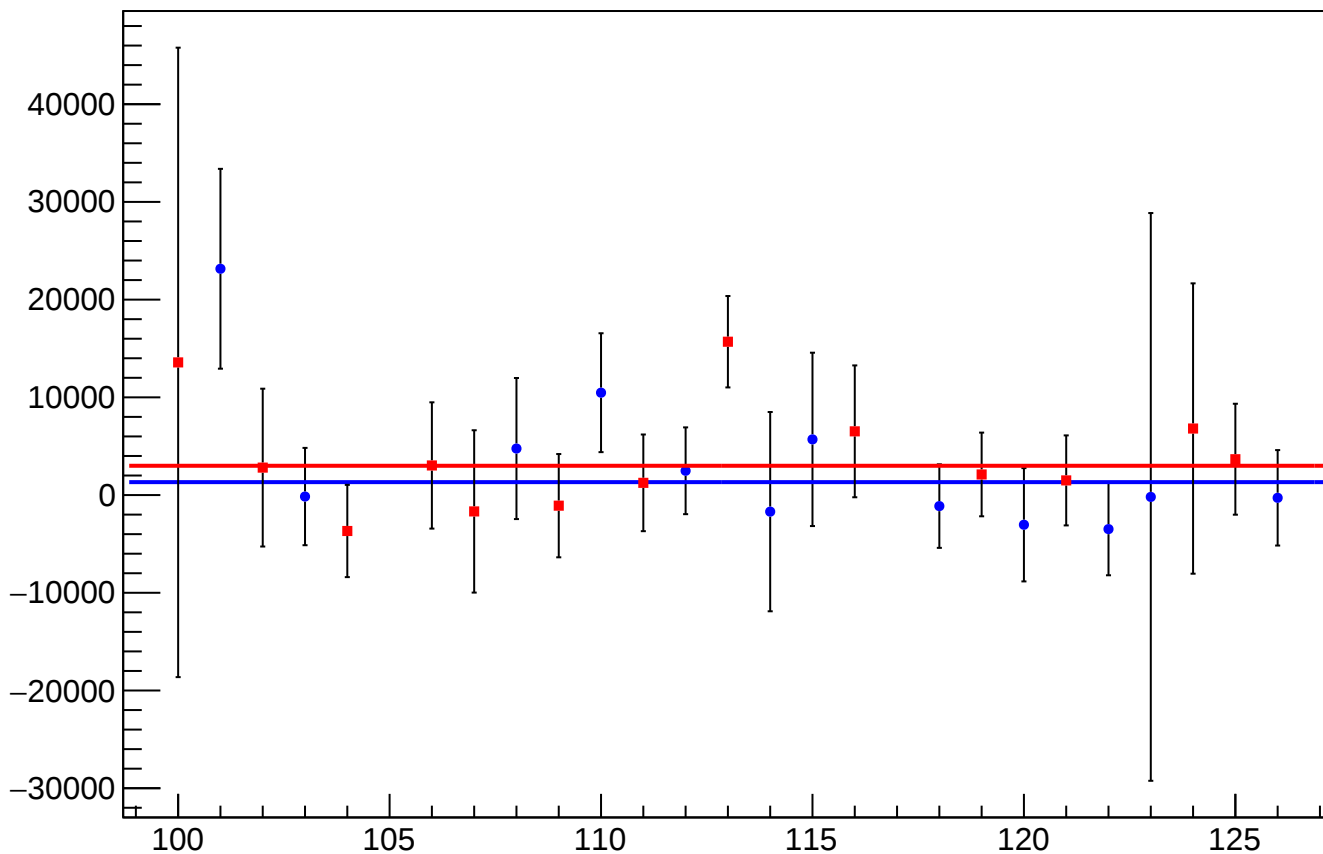
Right: 1376.760+/-0.445 χ^2/NDF : 8211531.0/24

In: 1851.195+/-0.786 χ^2/NDF :2815836.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1376.760+/-0.445 χ^2/NDF : 8211531.0/24

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1323.438+/-1711.207 χ^2/NDF : 9.6/11

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

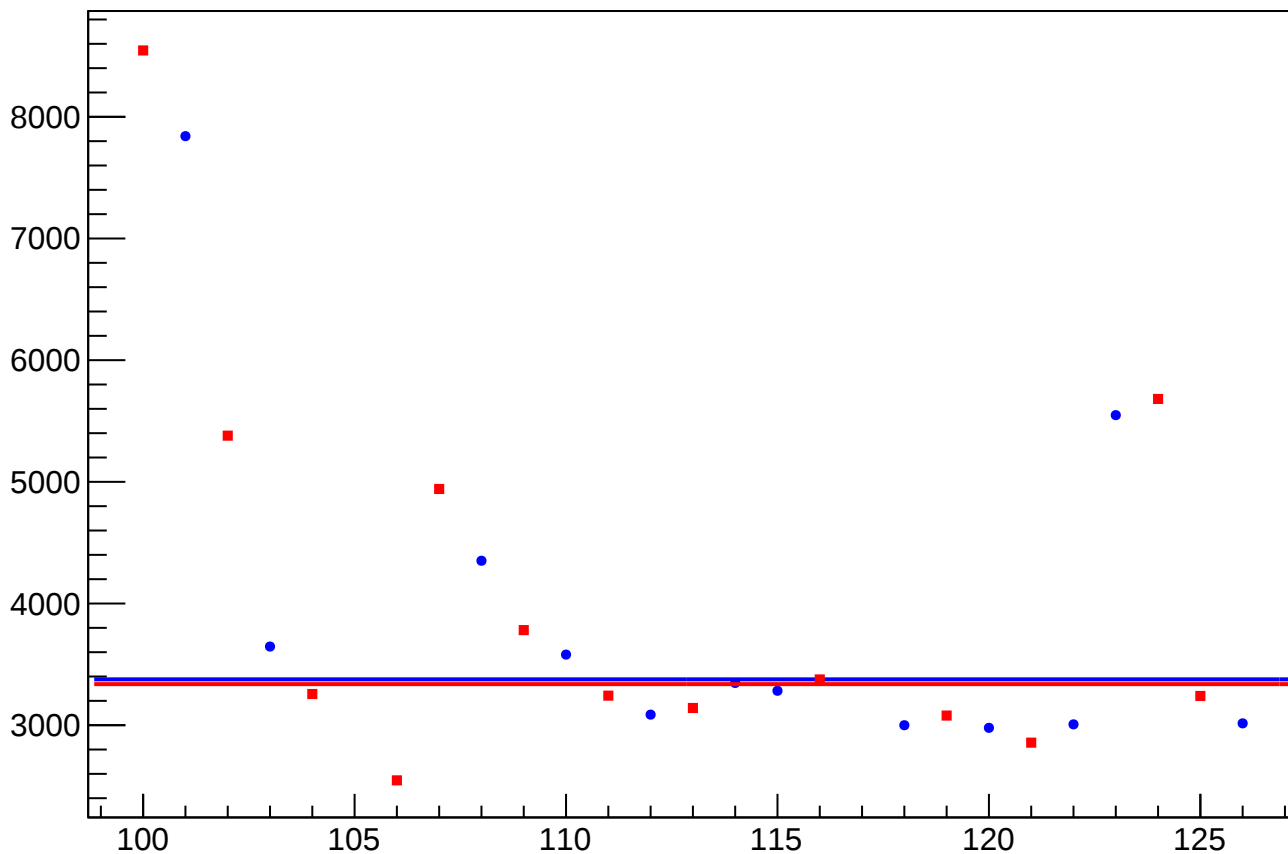
Right: 2206.691+/-1176.294 χ^2/NDF : 21.1/24

In: 1323.438+/-1711.207 χ^2/NDF : 9.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2206.691+/-1176.294 χ^2/NDF : 21.1/24

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 3376.691+/-1.210 χ^2/NDF : 493970.2/11

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

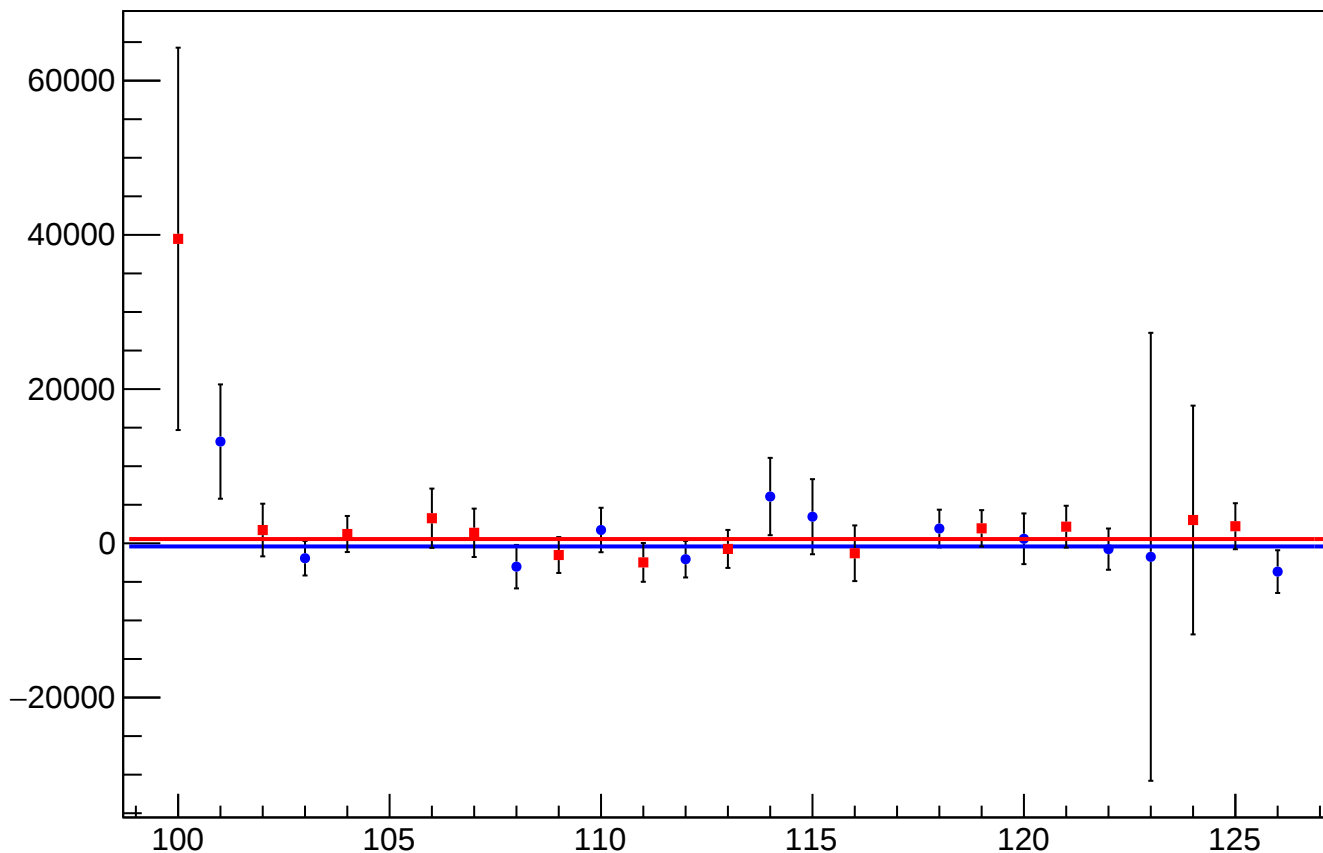
Right: 3355.576+/-0.823 χ^2/NDF : 896437.1/24

In: 3376.691+/-1.210 χ^2/NDF : 493970.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3355.576+/-0.823 χ^2/NDF : 896437.1/24

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -405.092+/-892.683 χ^2/NDF : 10.4/11

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

Right Out: 554.113+/-828.818 χ^2/NDF : 7.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

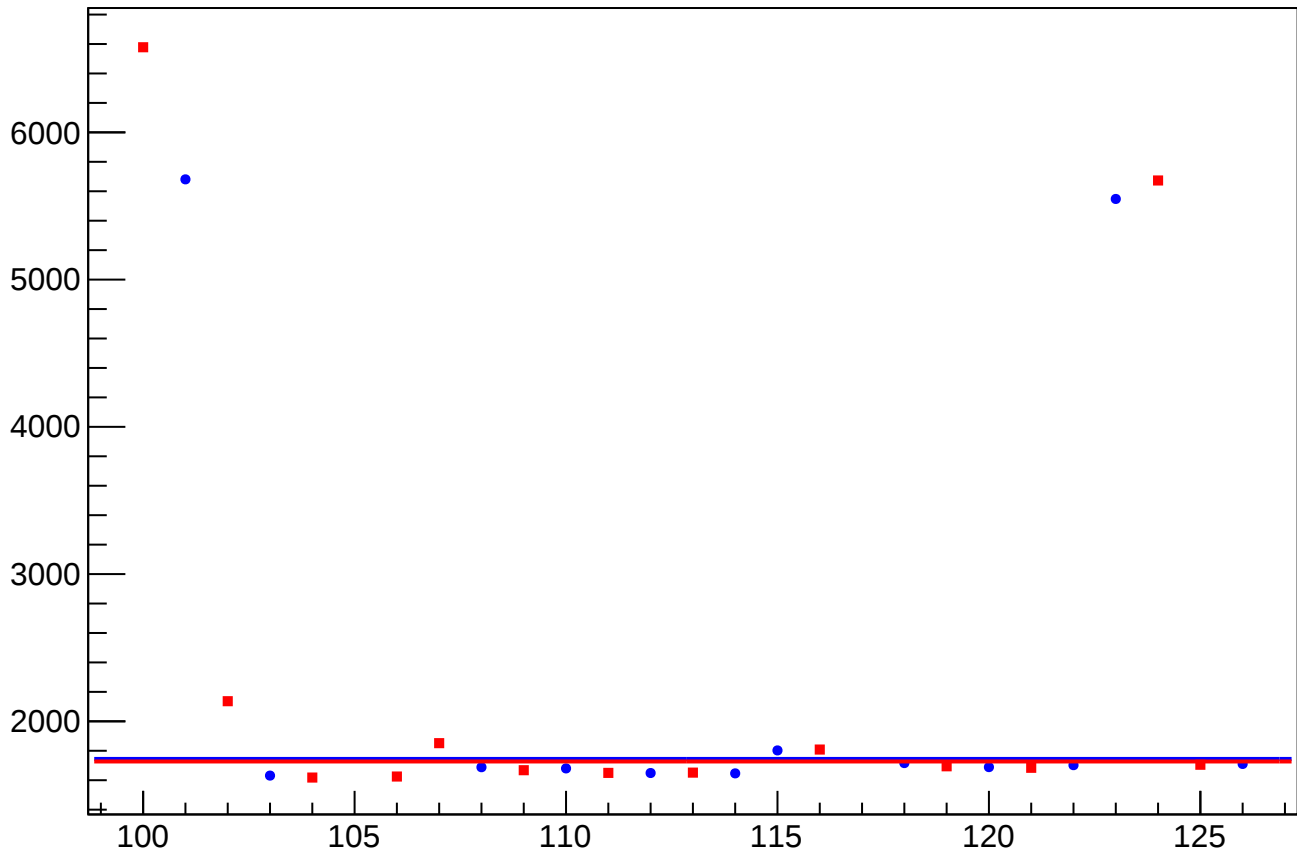
Right: 110.047+/-607.387 χ^2/NDF : 18.1/24

In: -405.092+/-892.683 χ^2/NDF : 10.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.047+/-607.387 χ^2/NDF : 18.1/24

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1744.570+/-0.631 χ^2 /NDF: 610932.5/11

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

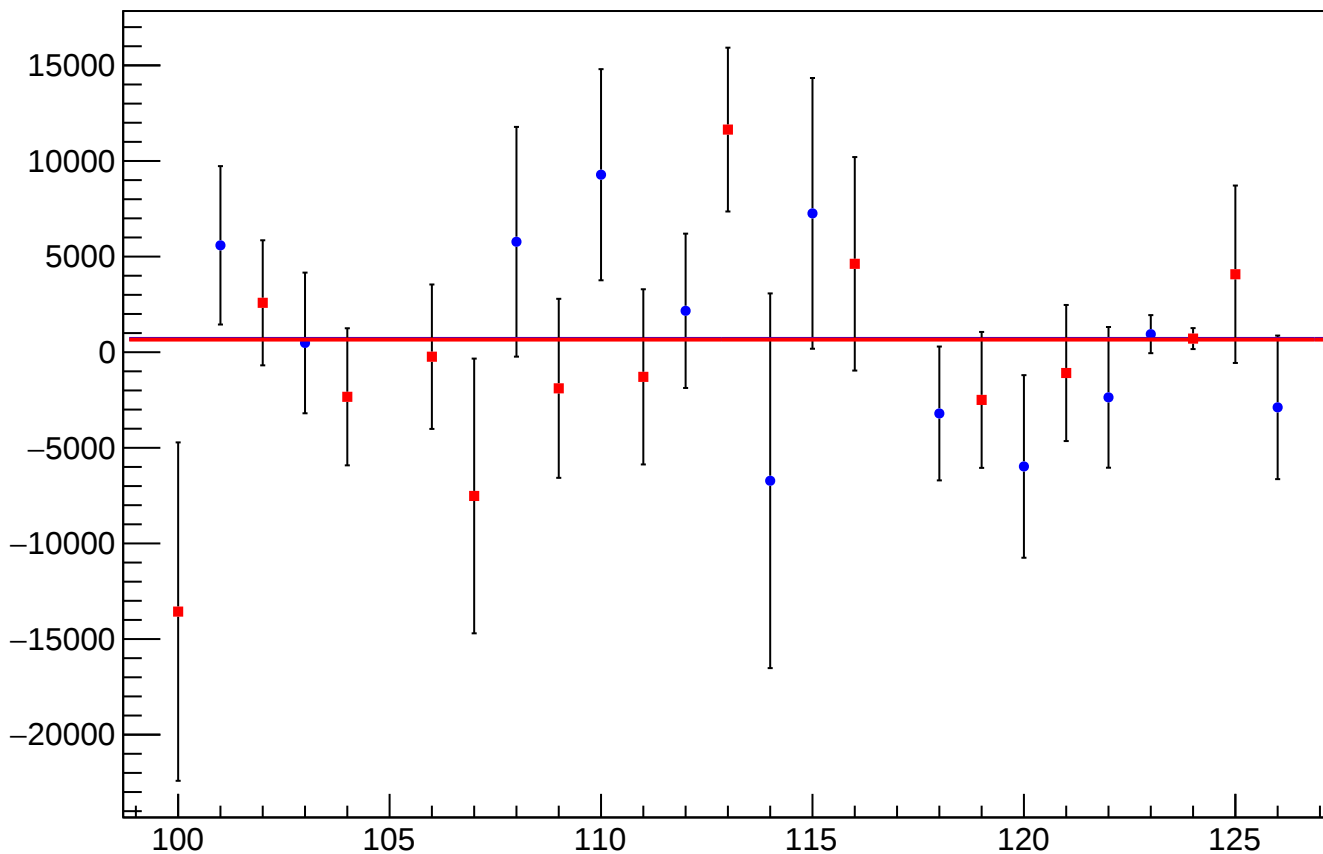
Right: 1735.212+/-0.427 χ^2 /NDF: 874762.5/24

In: 1744.570+/-0.631 χ^2 /NDF:610932.5/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1735.212+/-0.427 χ^2 /NDF: 874762.5/24

asym_atr1l2_dd_correction_mean vs Slug, Sign Corrected



Right In: 693.548+/-799.533 χ^2/NDF : 11.0/11

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

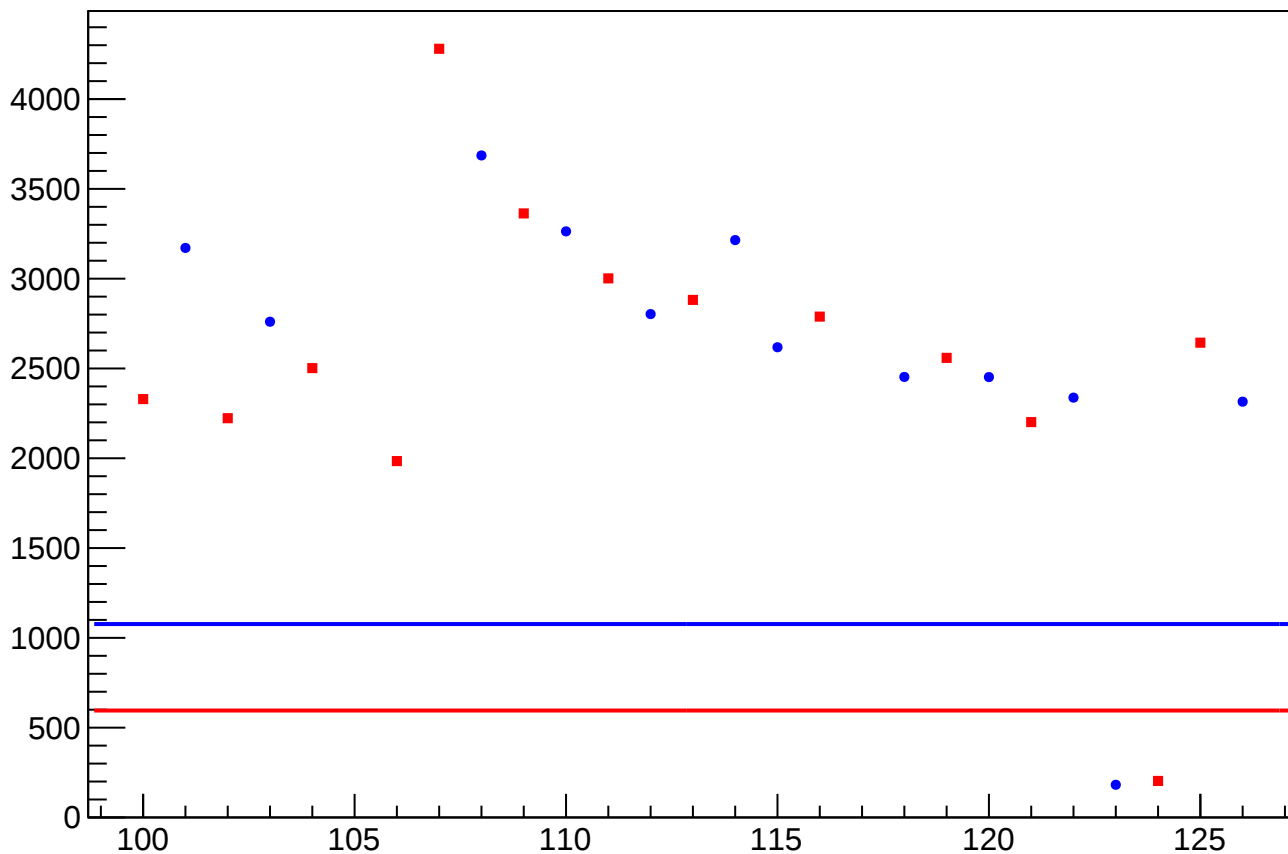
Right: 670.327+/-424.451 χ^2/NDF : 25.1/24

In: 693.548+/-799.533 χ^2/NDF : 11.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 670.327+/-424.451 χ^2/NDF : 25.1/24

asym_atr1l2_dd_correction_rms vs Slug, Sign Corrected



Right In: 1076.899+/-0.565 χ^2/NDF : 4721568.9/11

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

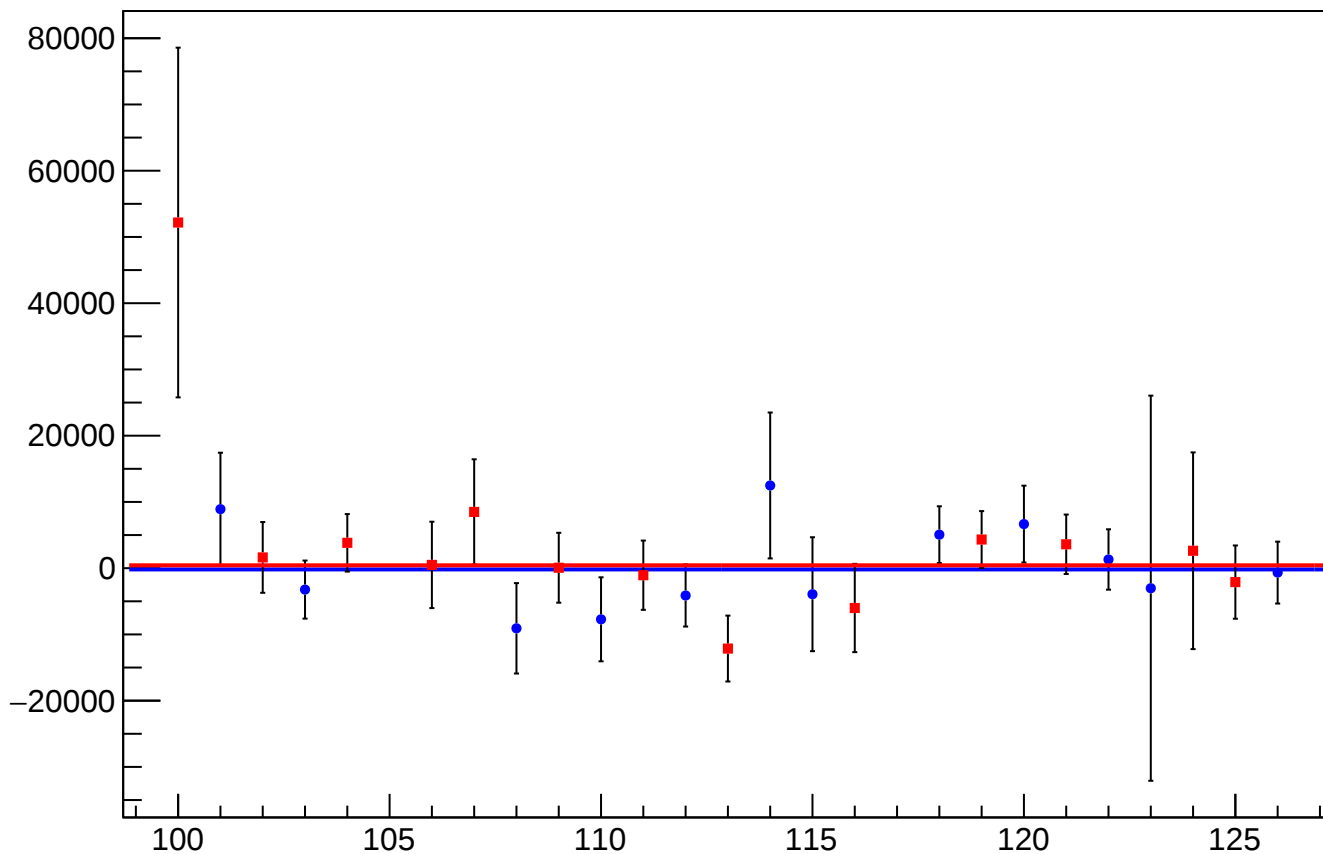
Right: 731.100+/-0.300 χ^2/NDF : 11738112.2/24

In: 1076.899+/-0.565 χ^2/NDF : 4721568.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 731.100+/-0.300 χ^2/NDF : 11738112.2/24

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -189.459+/-1669.324 χ^2/NDF : 10.0/11

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

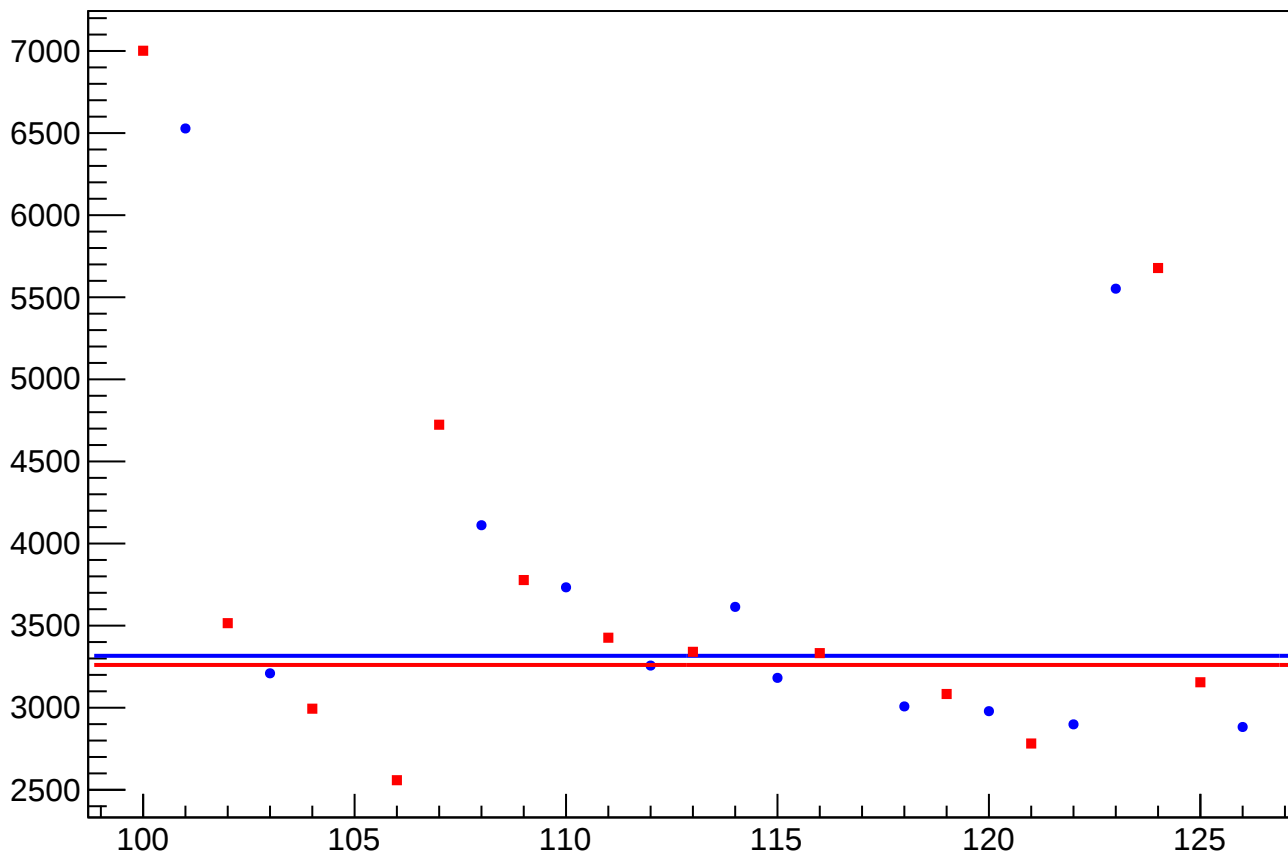
Right: 141.629+/-1143.633 χ^2/NDF : 24.5/24

In: -189.459+/-1669.324 χ^2/NDF : 10.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.629+/-1143.633 χ^2/NDF : 24.5/24

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3316.155+/-1.180 χ^2/NDF : 386722.3/11

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

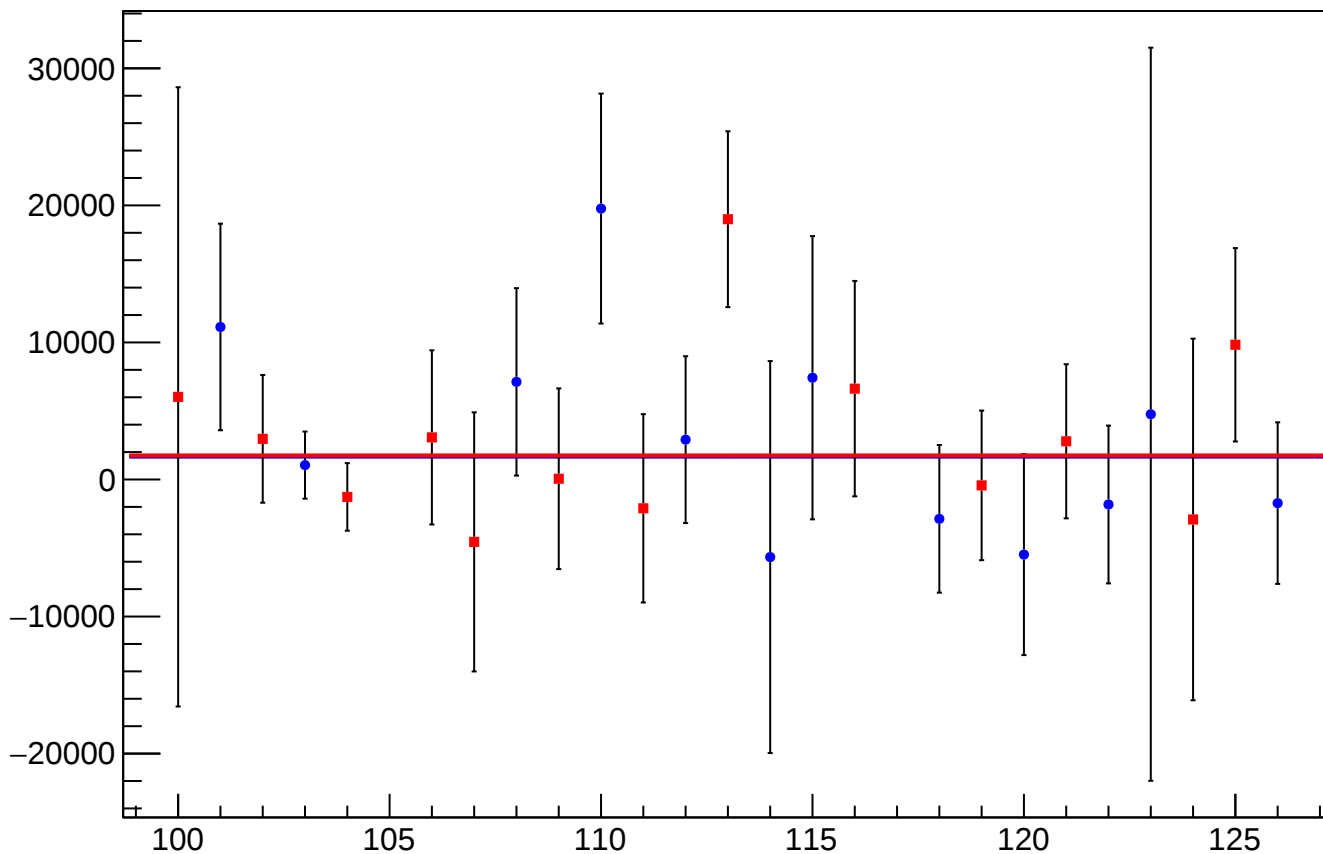
Right: 3286.127+/-0.801 χ^2/NDF : 647784.8/24

In: 3316.155+/-1.180 χ^2/NDF : 386722.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3286.127+/-0.801 χ^2/NDF : 647784.8/24

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 1670.119+/-1633.761 χ^2/NDF : 9.9/11

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

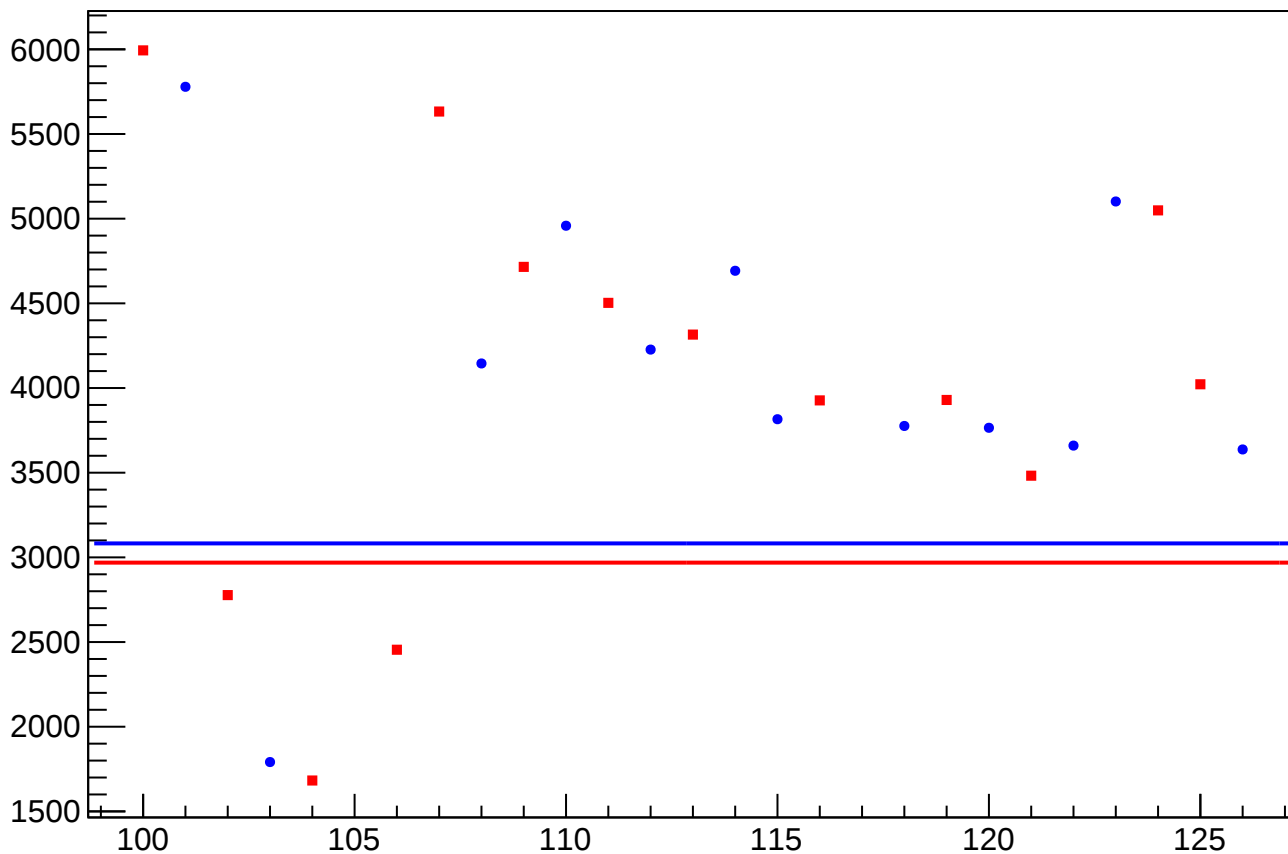
Right: 1715.011+/-1118.841 χ^2/NDF : 21.6/24

In: 1670.119+/-1633.761 χ^2/NDF : 9.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1715.011+/-1118.841 χ^2/NDF : 21.6/24

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3082.458+/-1.155 χ^2/NDF : 1166196.2/11

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

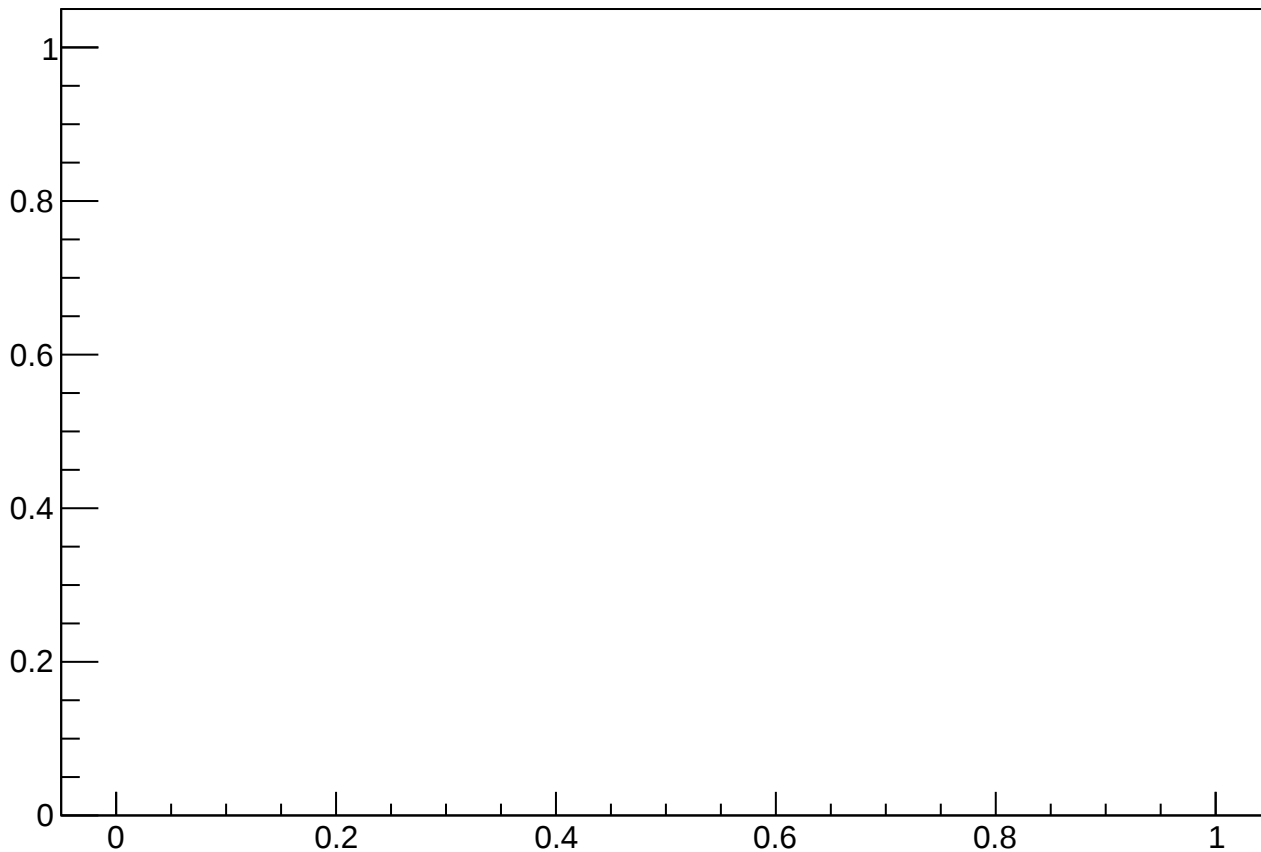
Right: 3021.543+/-0.786 χ^2/NDF : 2463016.5/24

In: 3082.458+/-1.155 χ^2/NDF : 1166196.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3021.543+/-0.786 χ^2/NDF : 2463016.5/24

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

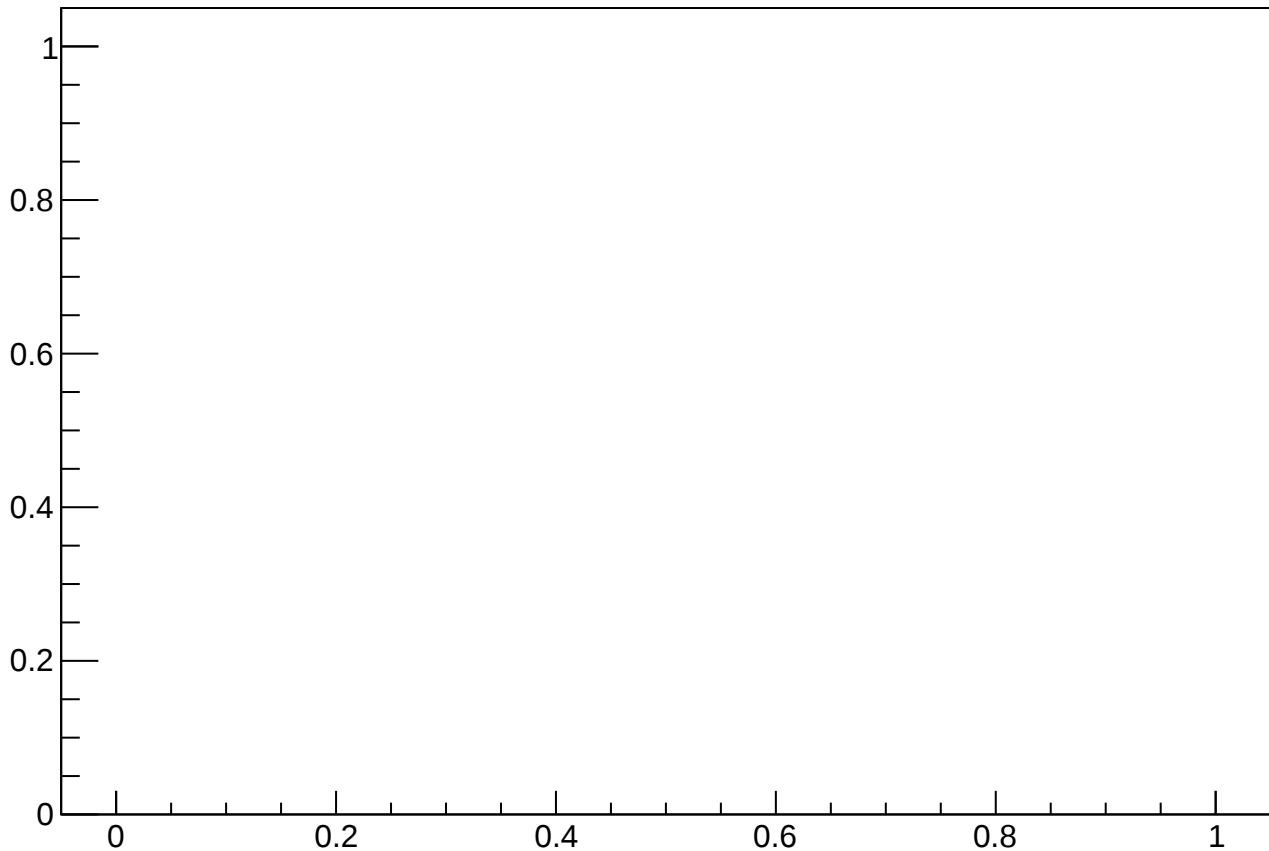
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

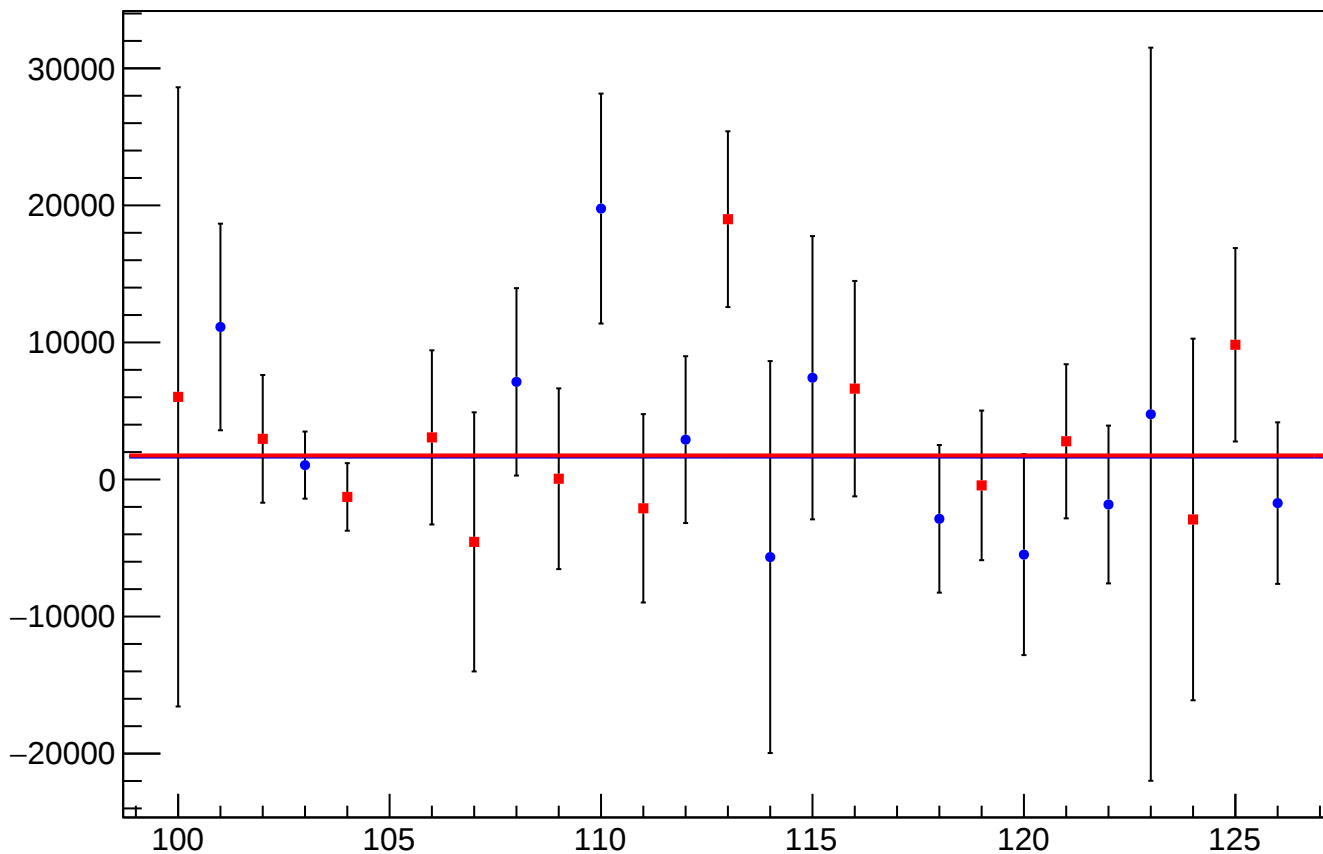
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1670.119+/-1633.761 χ^2/NDF : 9.9/11

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

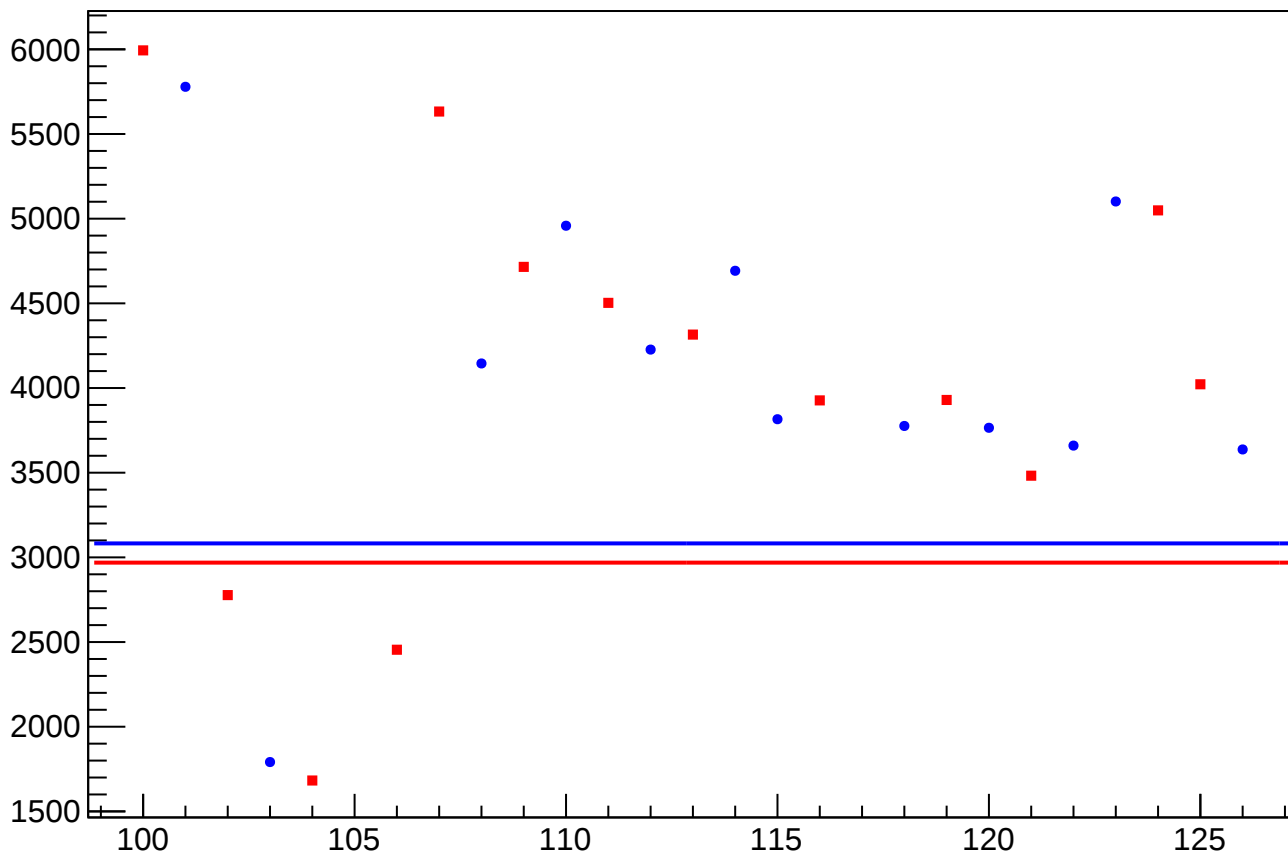
Right: 1715.011+/-1118.841 χ^2/NDF : 21.6/24

In: 1670.119+/-1633.761 χ^2/NDF : 9.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1715.011+/-1118.841 χ^2/NDF : 21.6/24

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3082.458+/-1.155 χ^2/NDF : 1166196.2/11

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

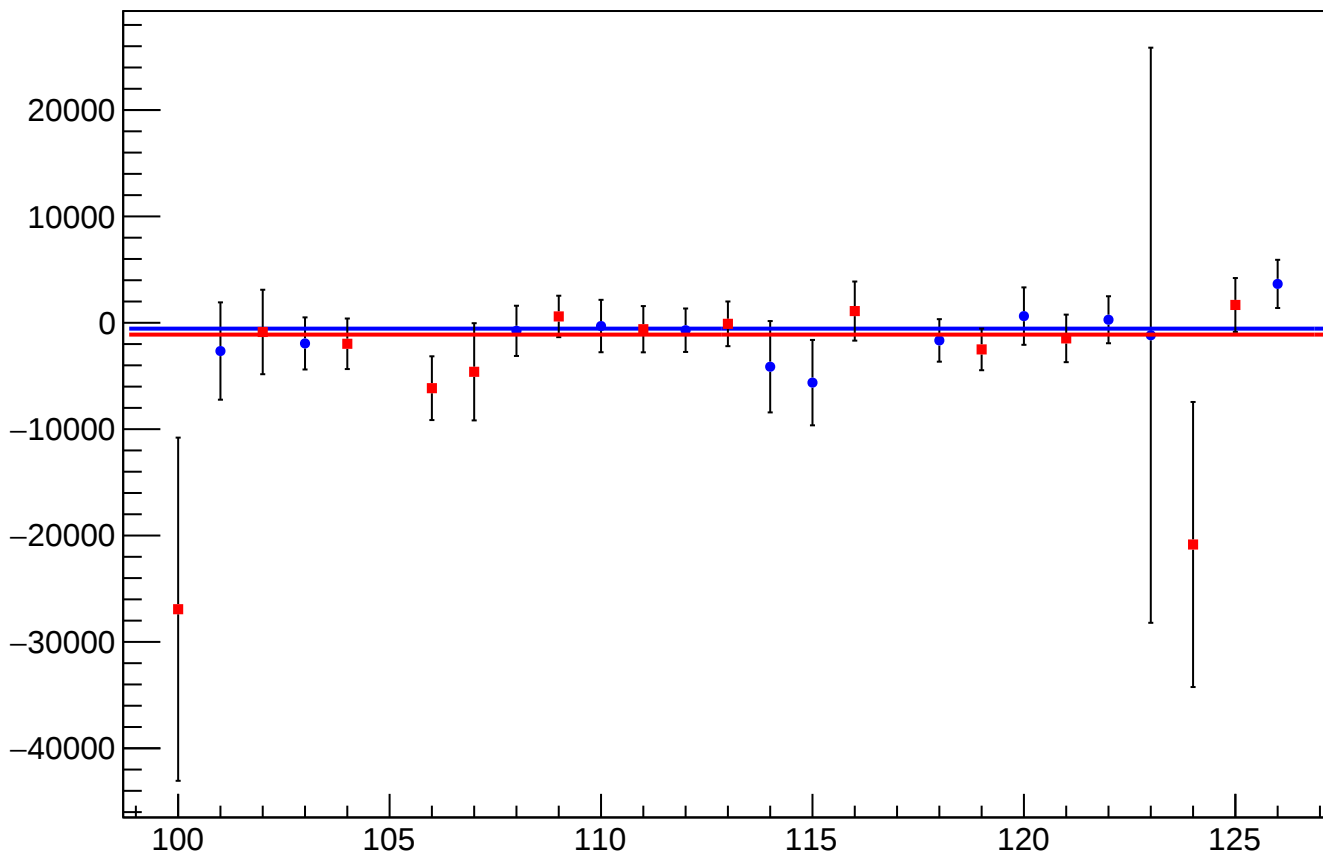
Right: 3021.543+/-0.786 χ^2/NDF : 2463016.5/24

In: 3082.458+/-1.155 χ^2/NDF : 1166196.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3021.543+/-0.786 χ^2/NDF : 2463016.5/24

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -549.857+/-766.260 χ^2/NDF : 6.9/11

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

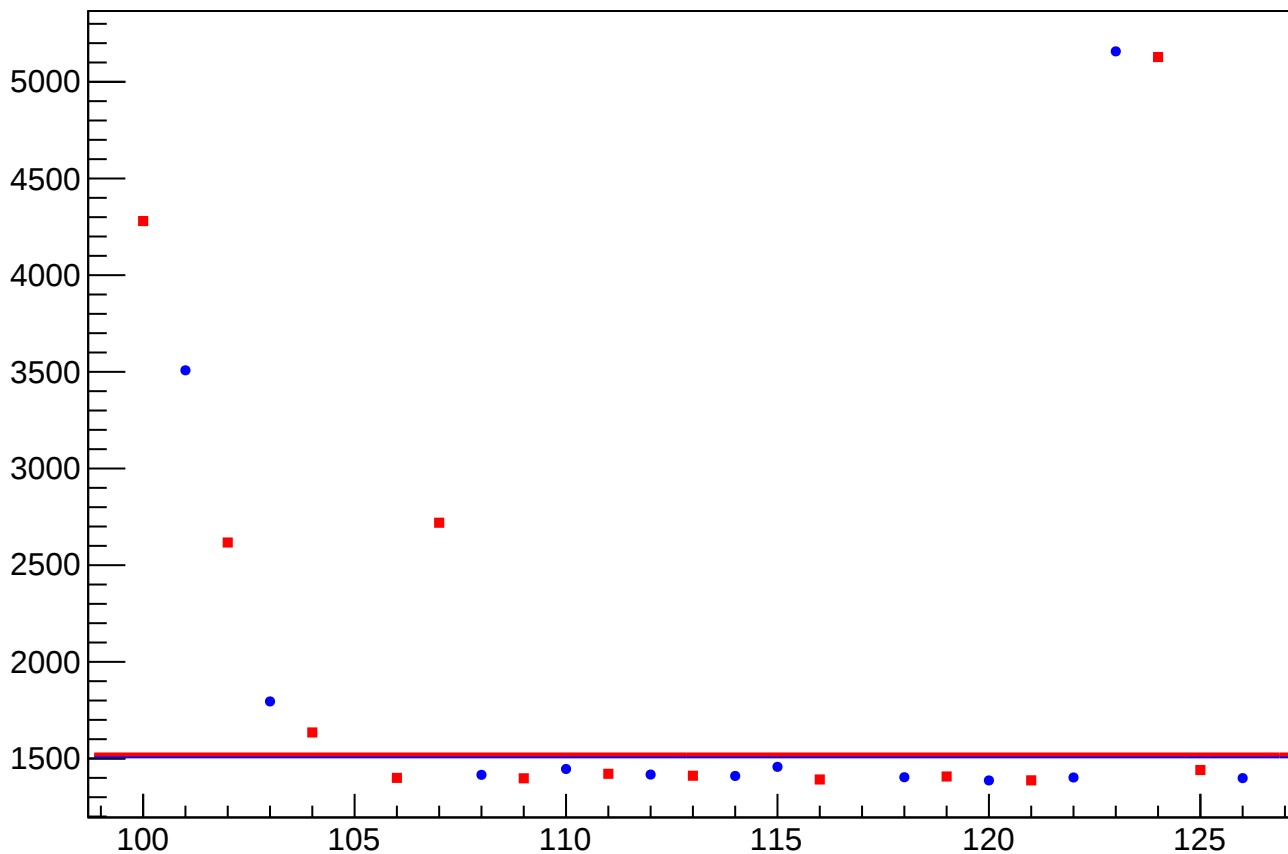
Right: -842.597+/-529.912 χ^2/NDF : 18.9/24

In: -549.857+/-766.260 χ^2/NDF : 6.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -842.597+/-529.912 χ^2/NDF : 18.9/24

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1511.242+/-0.542 χ^2/NDF : 474606.7/11

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

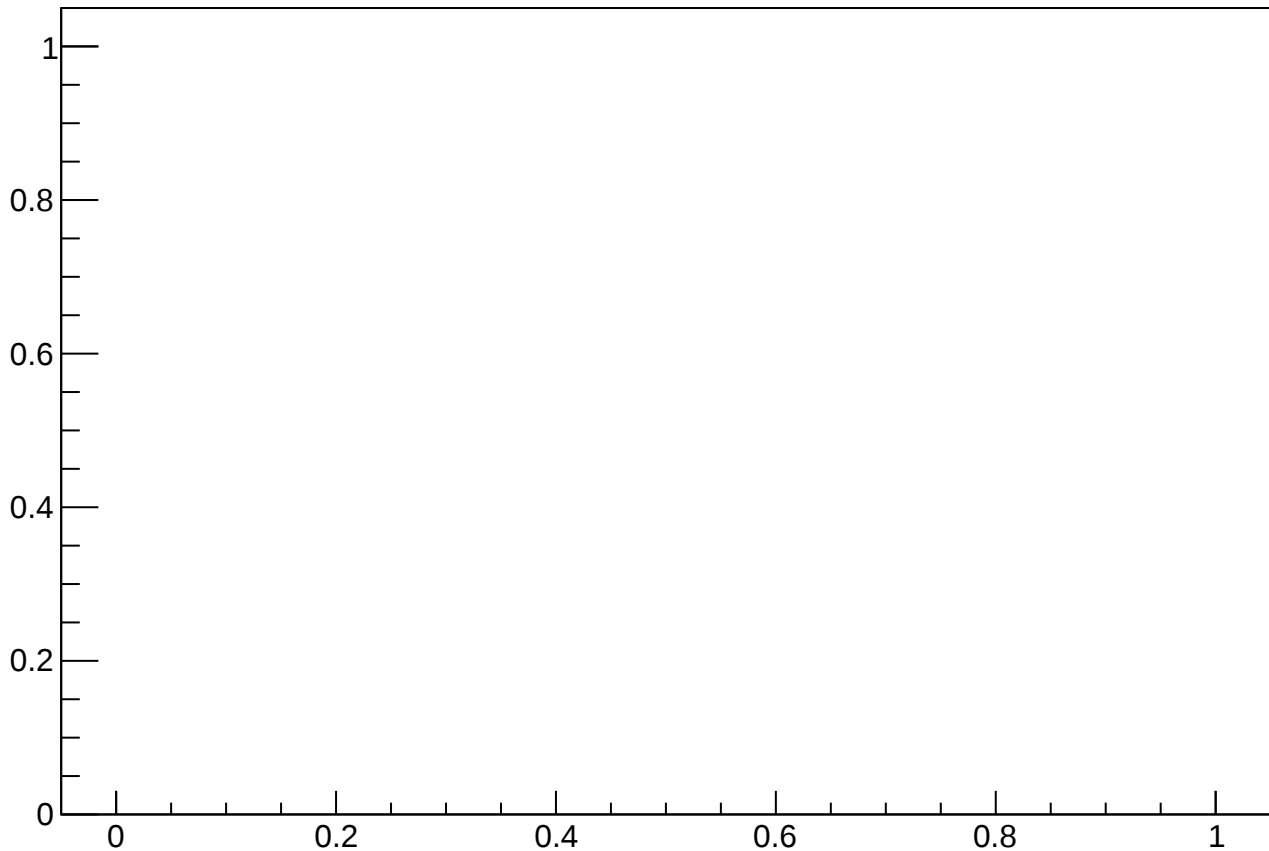
Right: 1516.337+/-0.375 χ^2/NDF : 1014211.0/24

In: 1511.242+/-0.542 χ^2/NDF : 474606.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1516.337+/-0.375 χ^2/NDF : 1014211.0/24

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

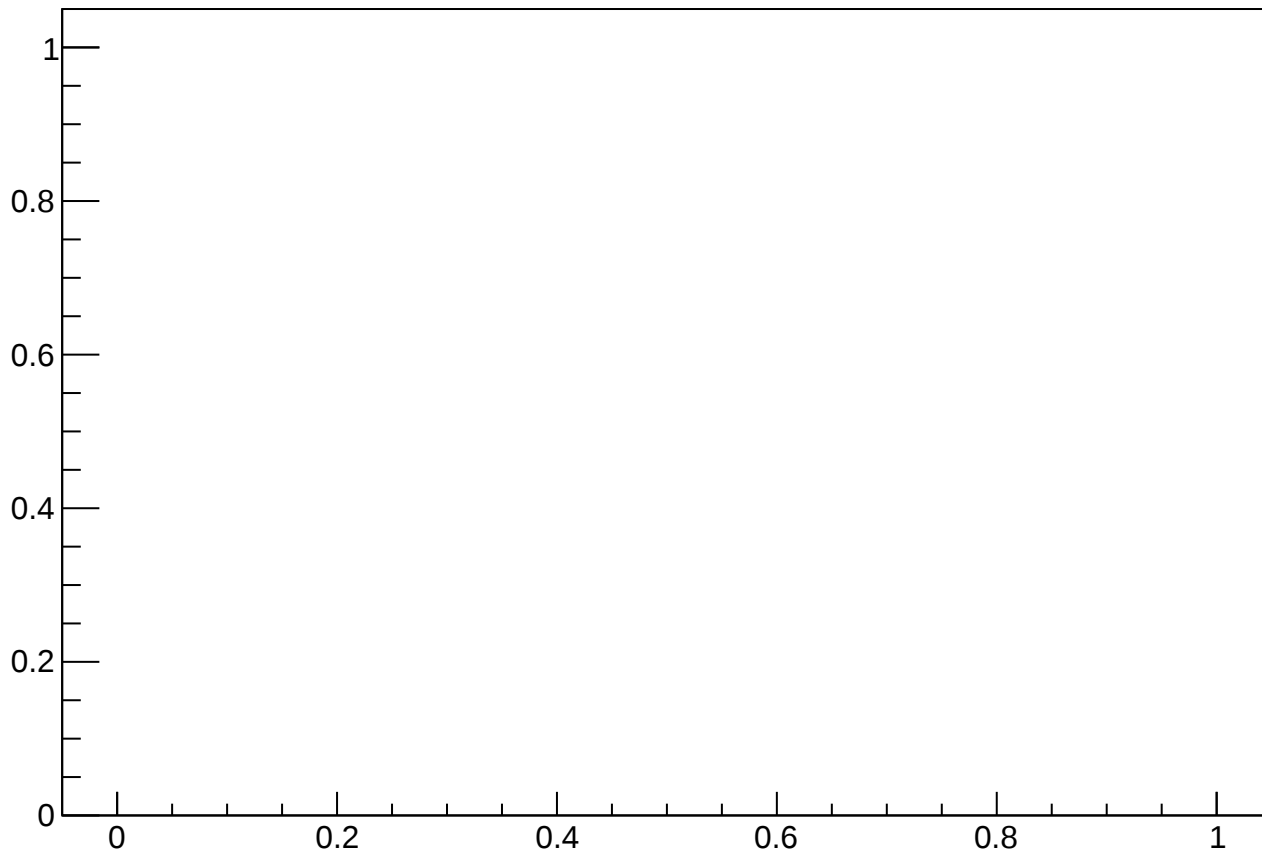
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

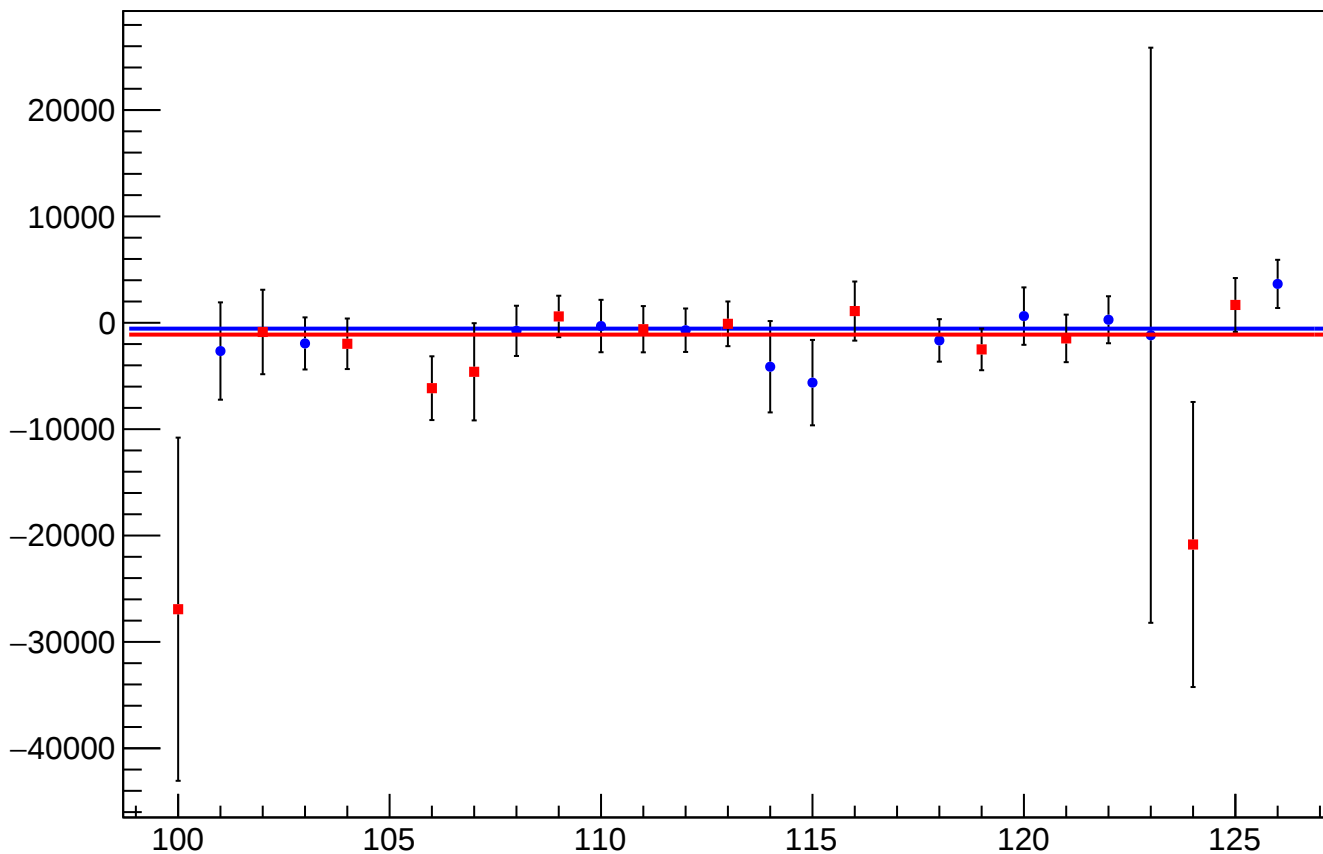
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -549.857+/-766.260 χ^2/NDF : 6.9/11

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

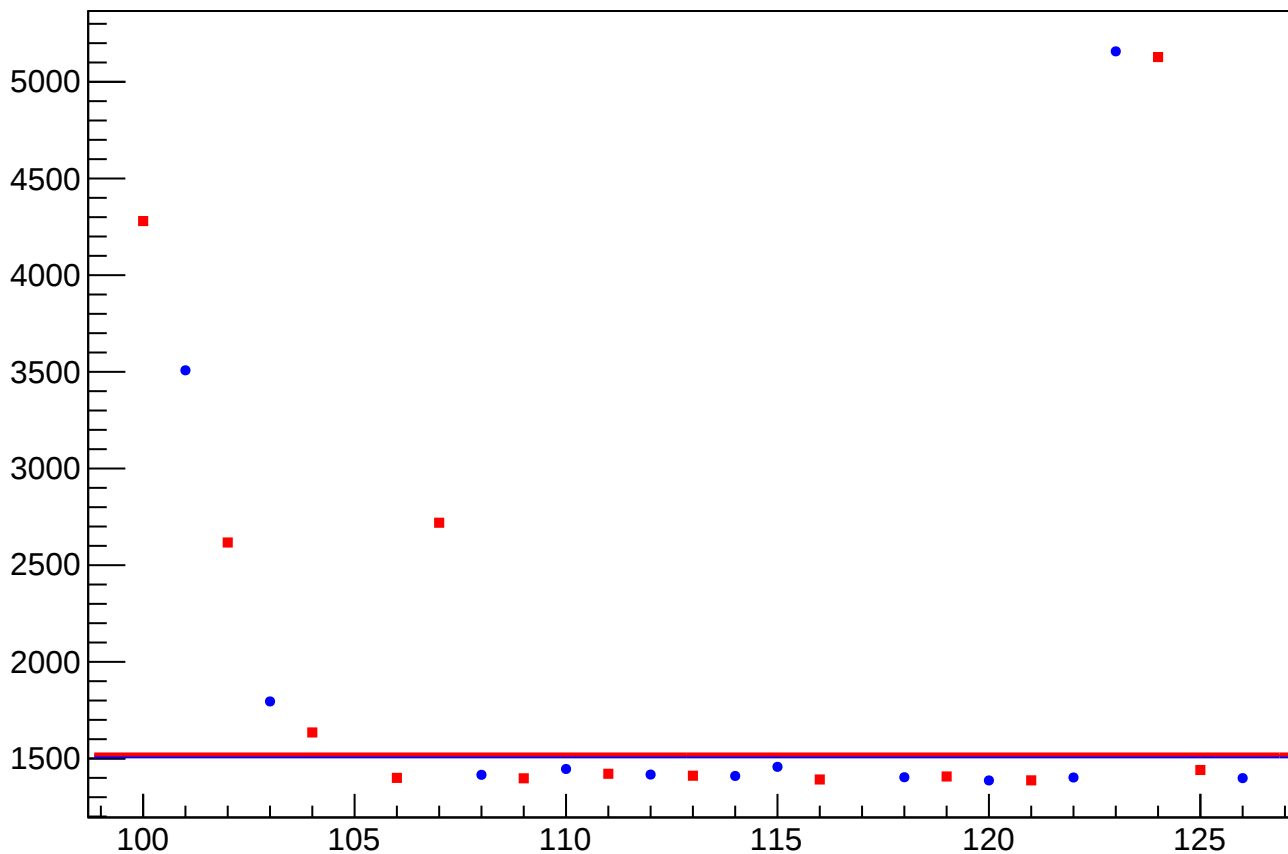
Right: -842.597+/-529.912 χ^2/NDF : 18.9/24

In: -549.857+/-766.260 χ^2/NDF : 6.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -842.597+/-529.912 χ^2/NDF : 18.9/24

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1511.242+/-0.542 χ^2/NDF : 474606.7/11

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

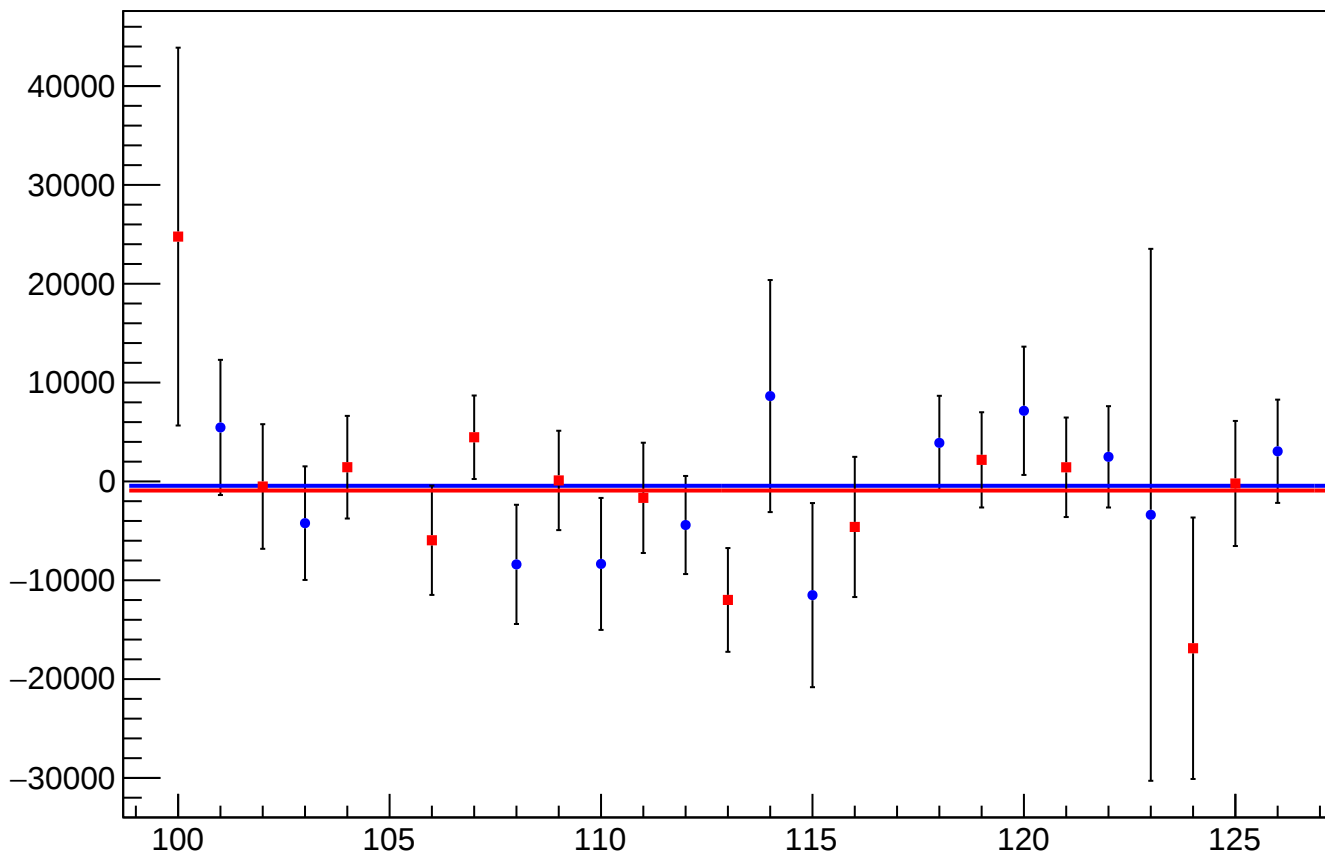
Right: 1516.337+/-0.375 χ^2/NDF : 1014211.0/24

In: 1511.242+/-0.542 χ^2/NDF : 474606.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1516.337+/-0.375 χ^2/NDF : 1014211.0/24

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -441.354+/-1811.064 χ^2/NDF : 9.9/11

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

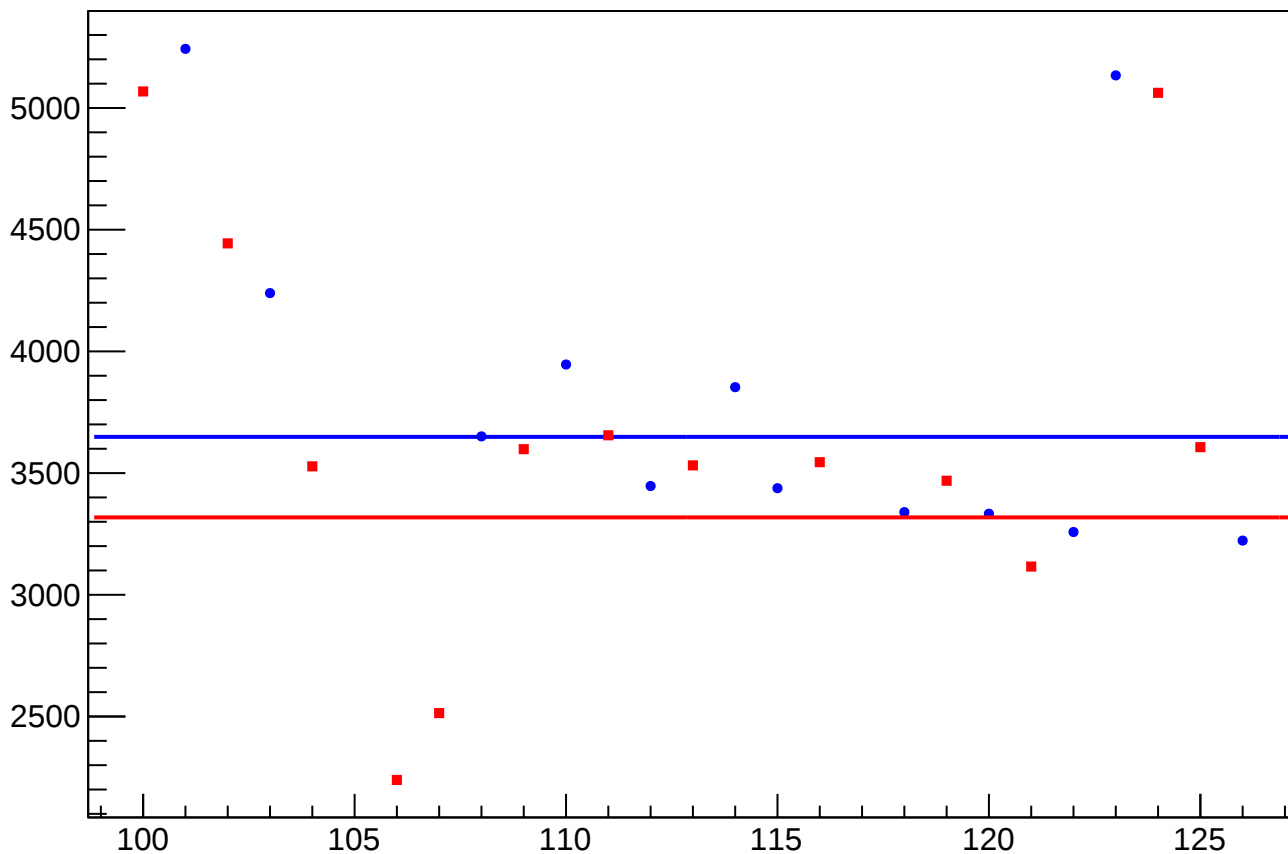
Right: -711.968+/-1195.486 χ^2/NDF : 21.3/24

In: -441.354+/-1811.064 χ^2/NDF : 9.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -711.968+/-1195.486 χ^2/NDF : 21.3/24

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3648.816+/-1.281 χ^2/NDF : 182915.2/11

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

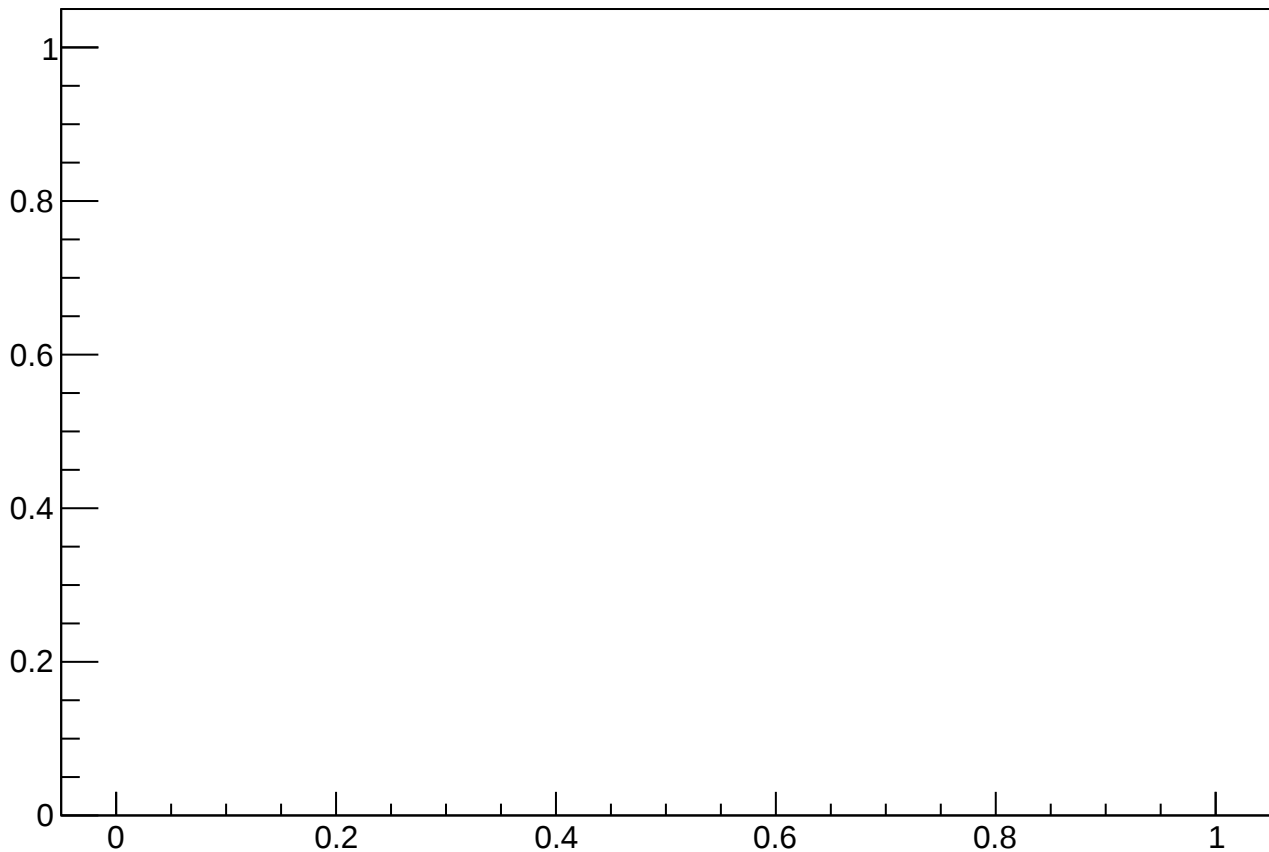
Right: 3460.207+/-0.840 χ^2/NDF : 538856.7/24

In: 3648.816+/-1.281 χ^2/NDF : 182915.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3460.207+/-0.840 χ^2/NDF : 538856.7/24

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

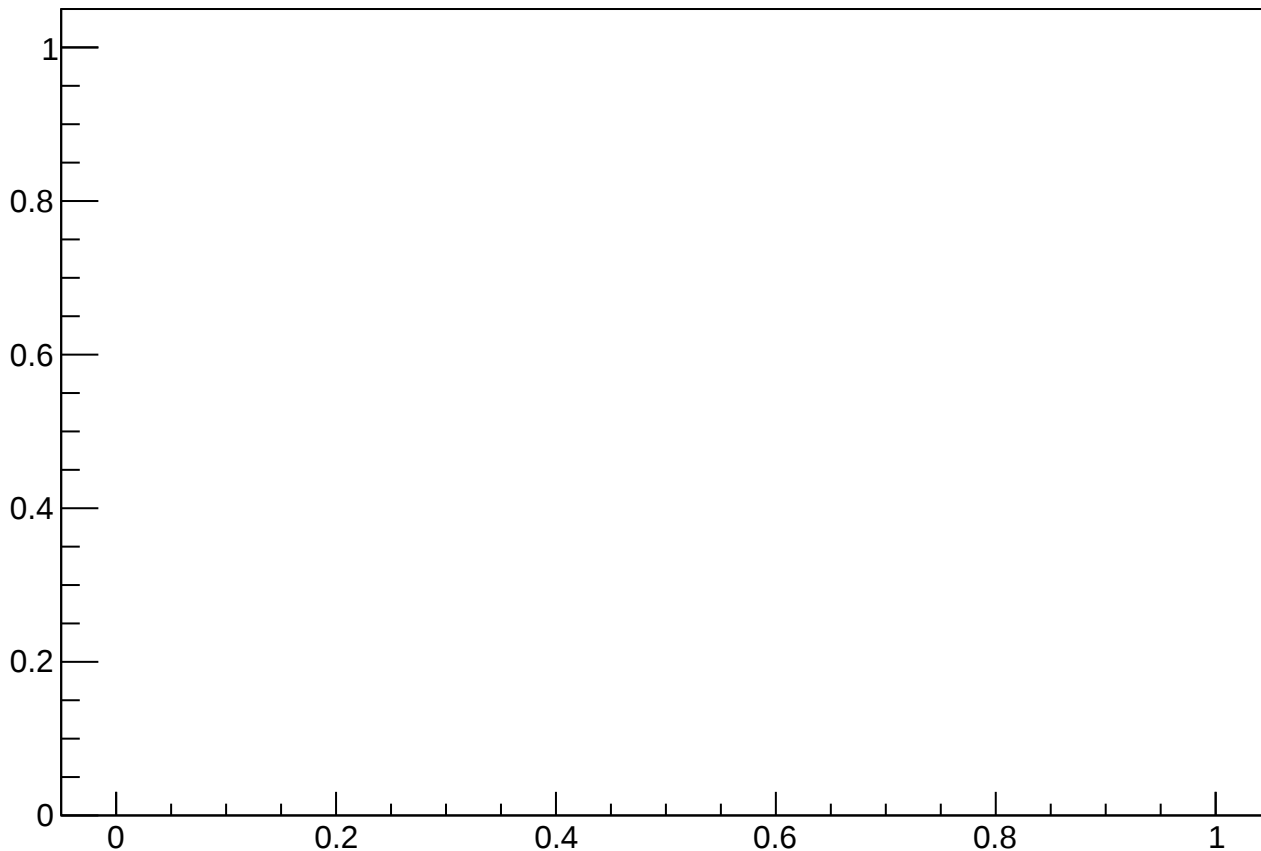
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

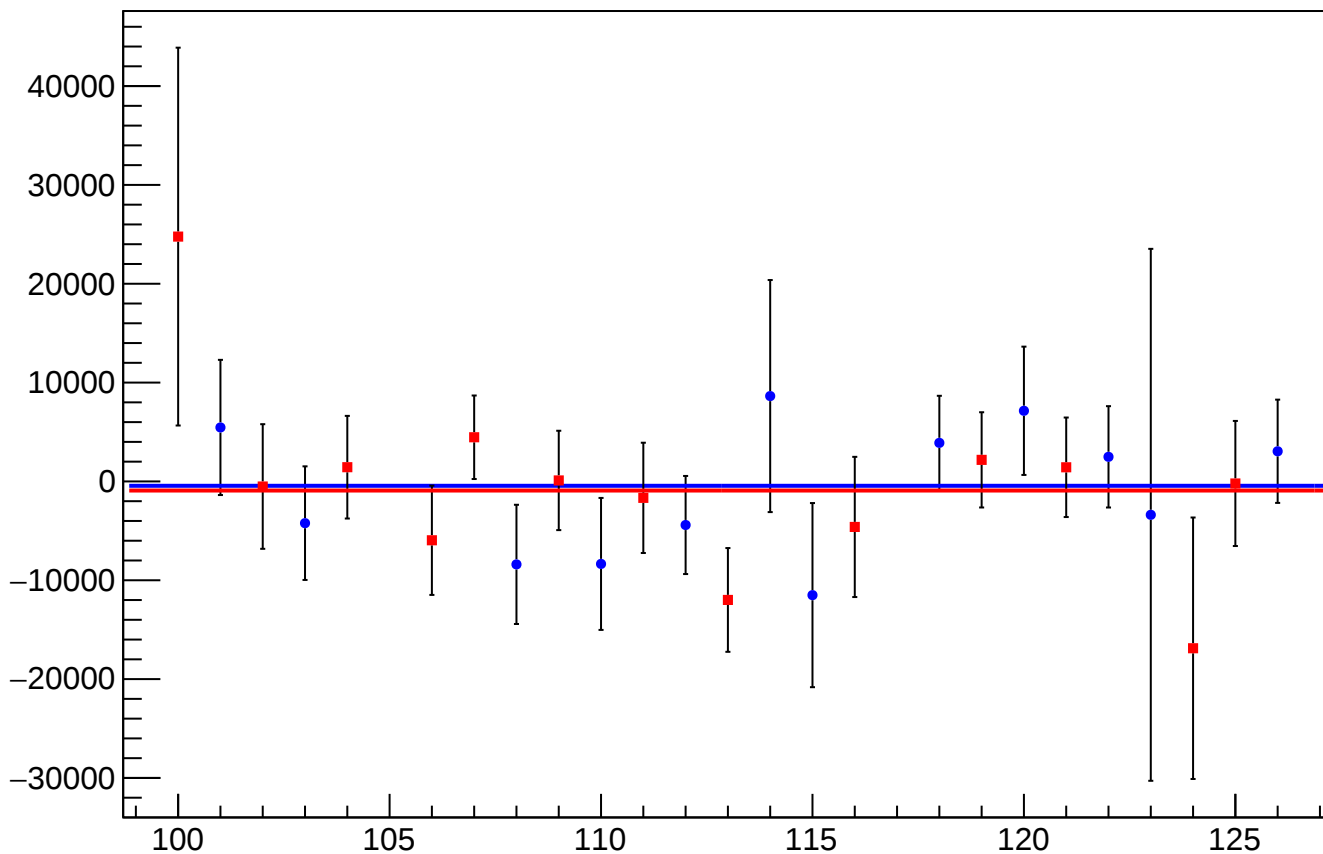
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -441.354+/-1811.064 χ^2/NDF : 9.9/11

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

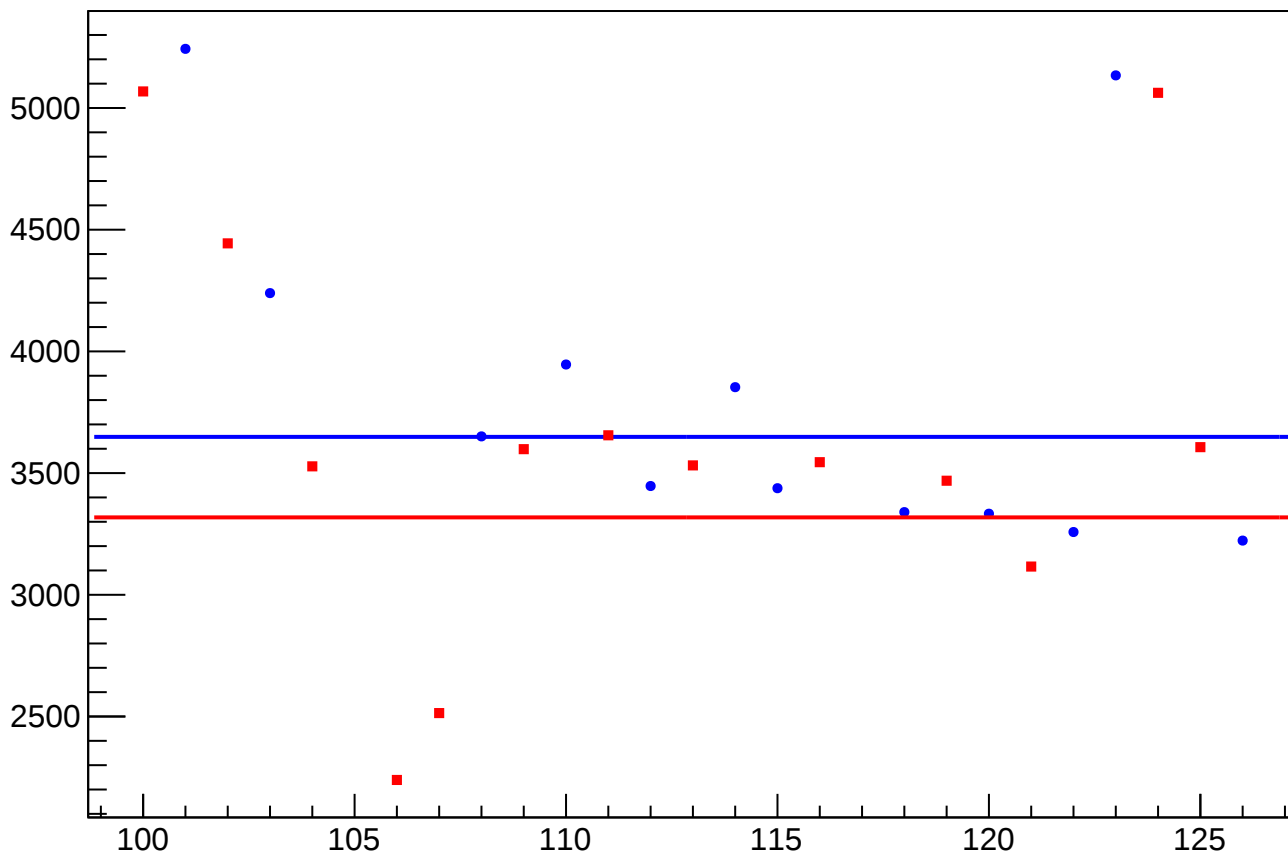
Right: -711.968+/-1195.486 χ^2/NDF : 21.3/24

In: -441.354+/-1811.064 χ^2/NDF : 9.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -711.968+/-1195.486 χ^2/NDF : 21.3/24

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3648.816+/-1.281 χ^2/NDF : 182915.2/11

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

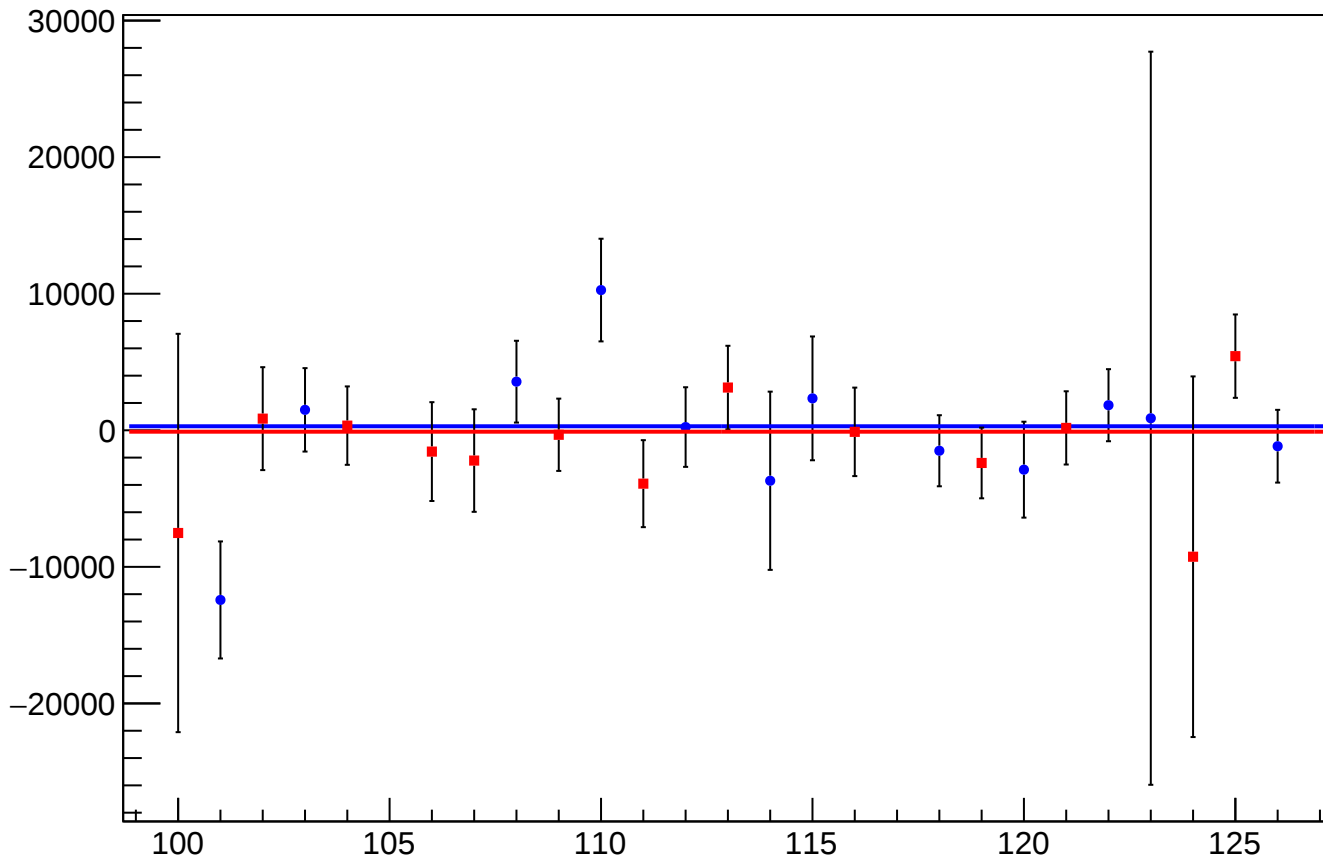
Right: 3460.207+/-0.840 χ^2/NDF : 538856.7/24

In: 3648.816+/-1.281 χ^2/NDF : 182915.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3460.207+/-0.840 χ^2/NDF : 538856.7/24

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 294.131+/-976.569 χ^2/NDF : 19.7/11

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

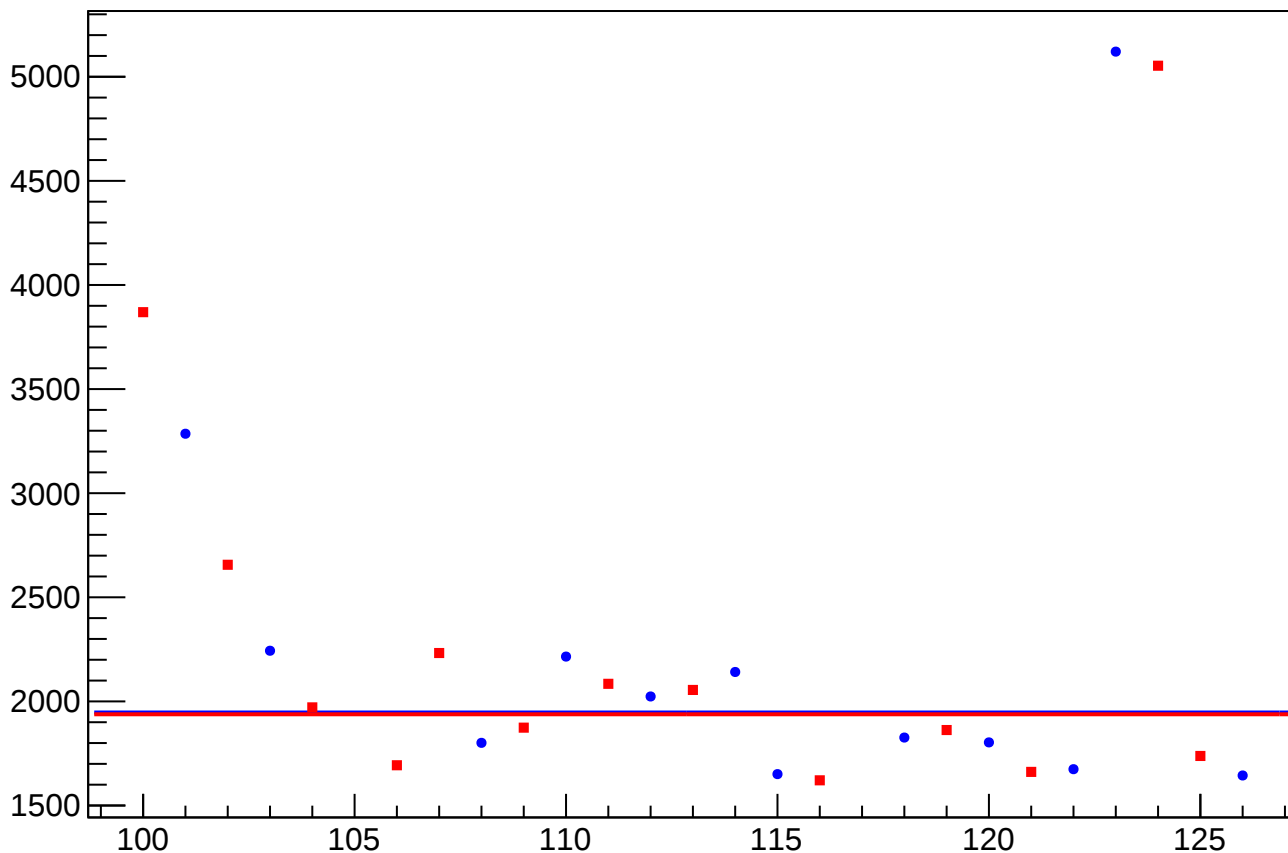
Right: 83.562+/-668.549 χ^2/NDF : 27.7/24

In: 294.131+/-976.569 χ^2/NDF : 19.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.562+/-668.549 χ^2/NDF : 27.7/24

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1946.641+/-0.691 χ^2/NDF : 323406.7/11

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

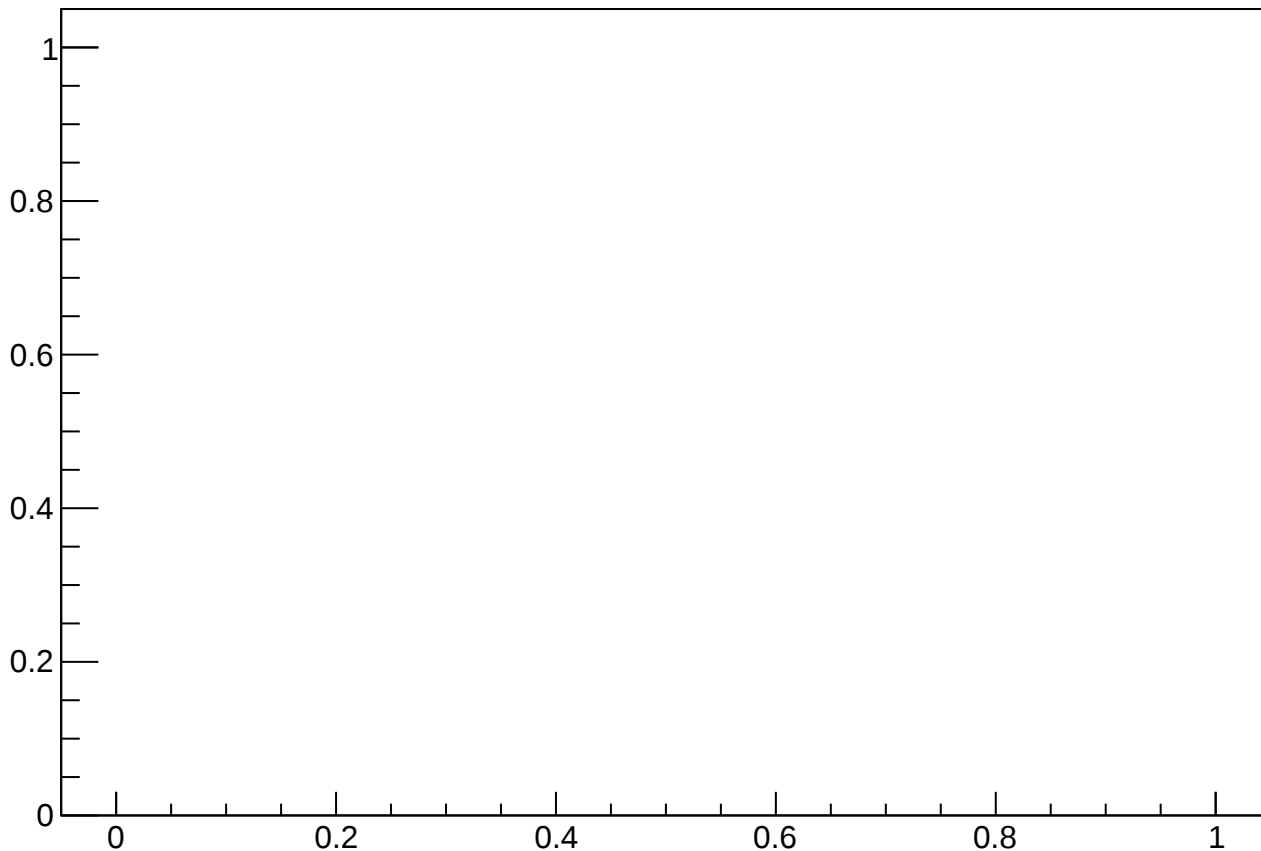
Right: 1942.132+/-0.473 χ^2/NDF : 623338.1/24

In: 1946.641+/-0.691 χ^2/NDF : 323406.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1942.132+/-0.473 χ^2/NDF : 623338.1/24

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

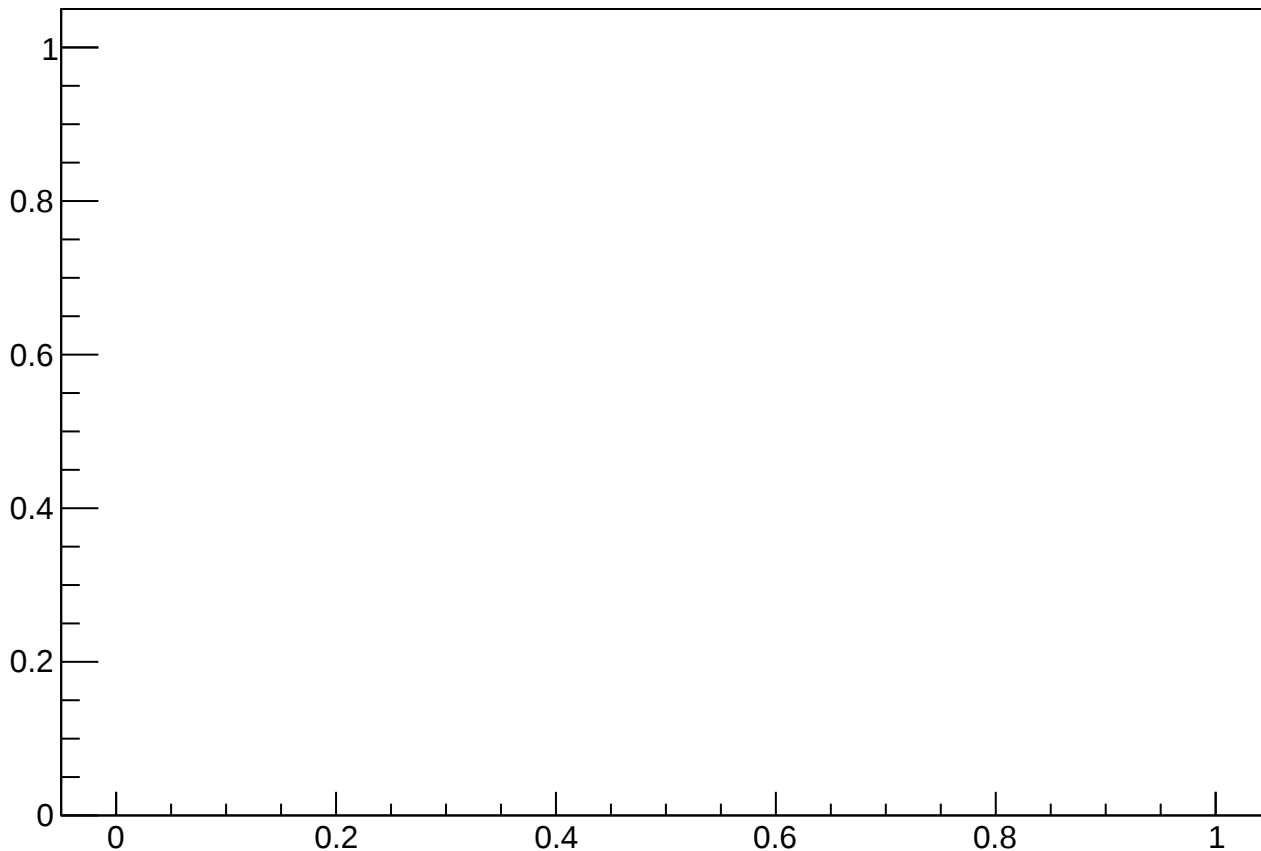
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

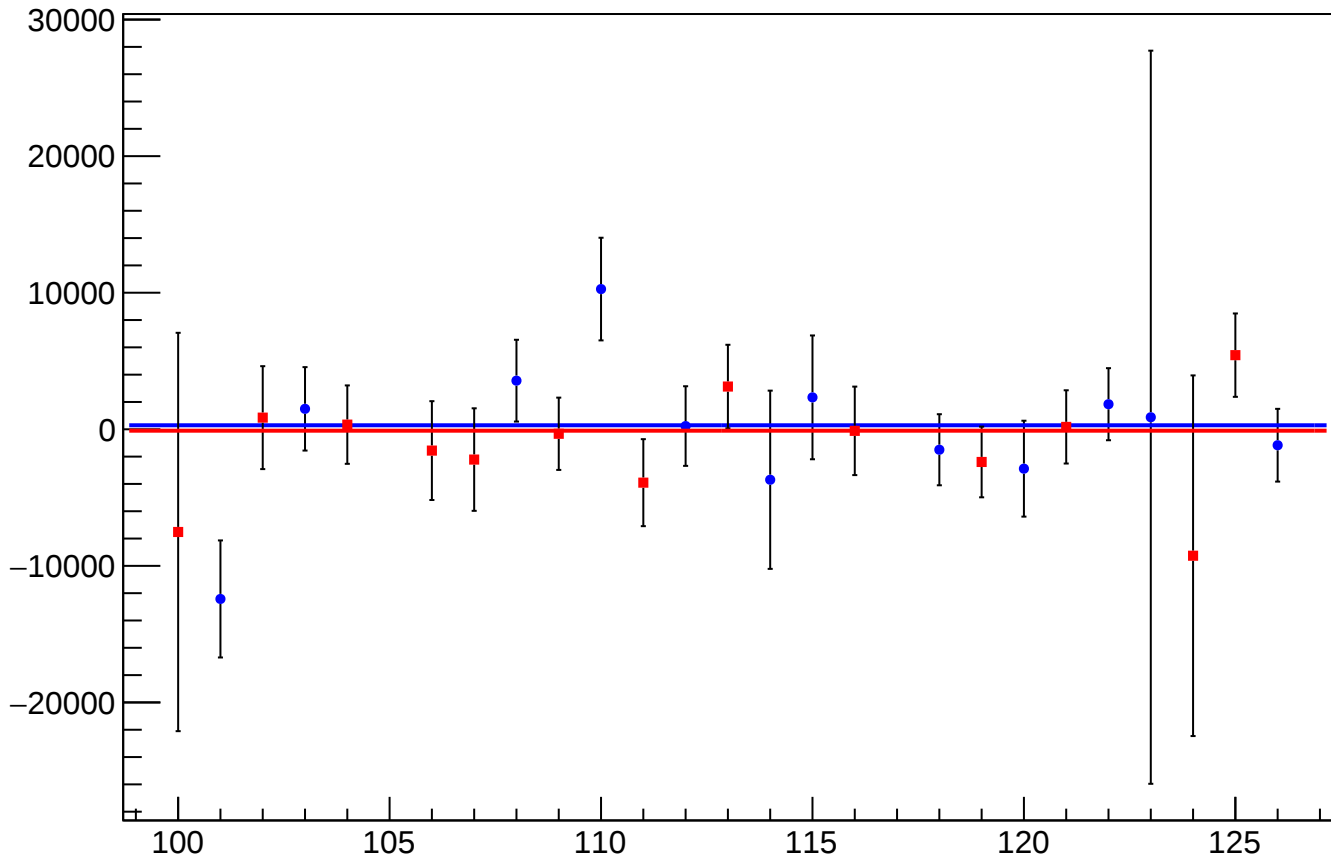
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 294.131+/-976.569 χ^2/NDF : 19.7/11

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

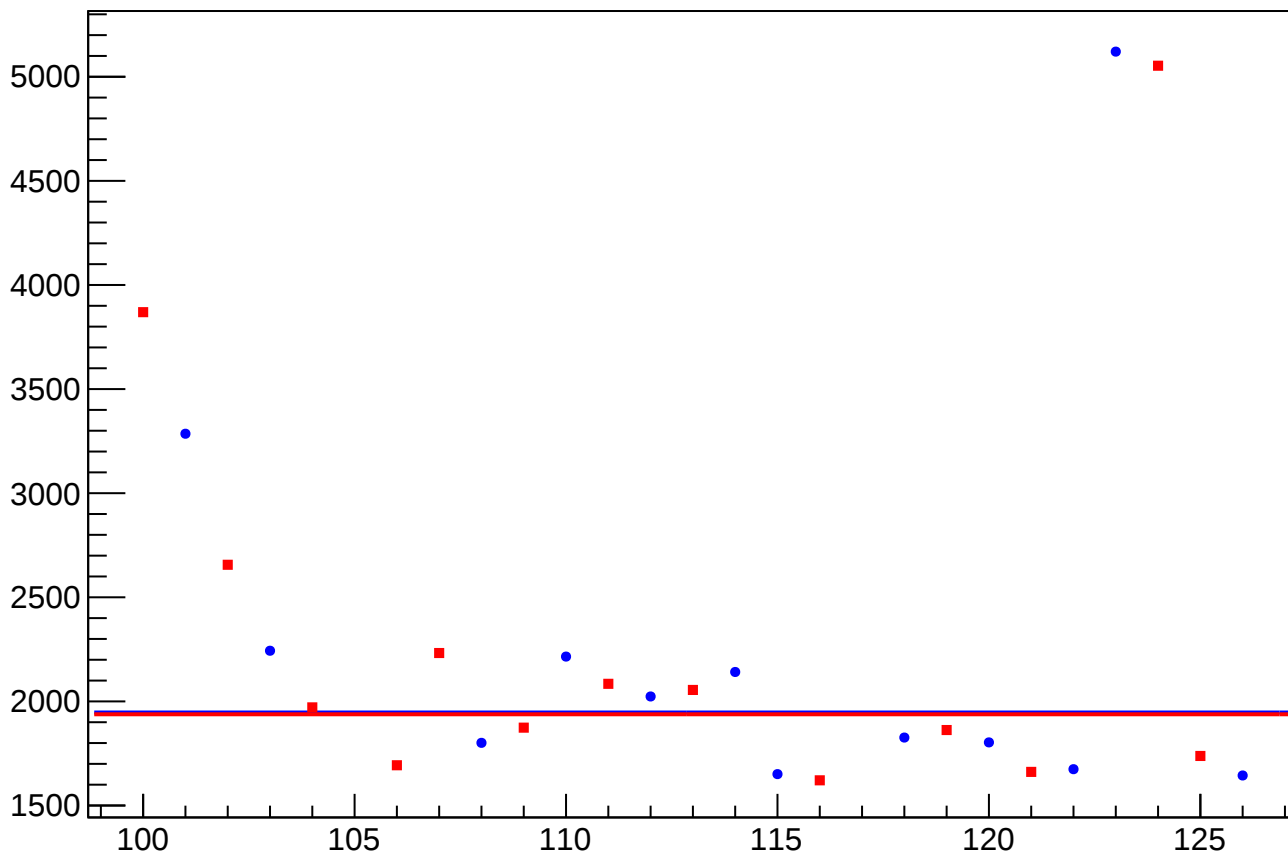
Right: 83.562+/-668.549 χ^2/NDF : 27.7/24

In: 294.131+/-976.569 χ^2/NDF :19.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 83.562+/-668.549 χ^2/NDF : 27.7/24

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1946.641+/-0.691 χ^2/NDF : 323406.7/11

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

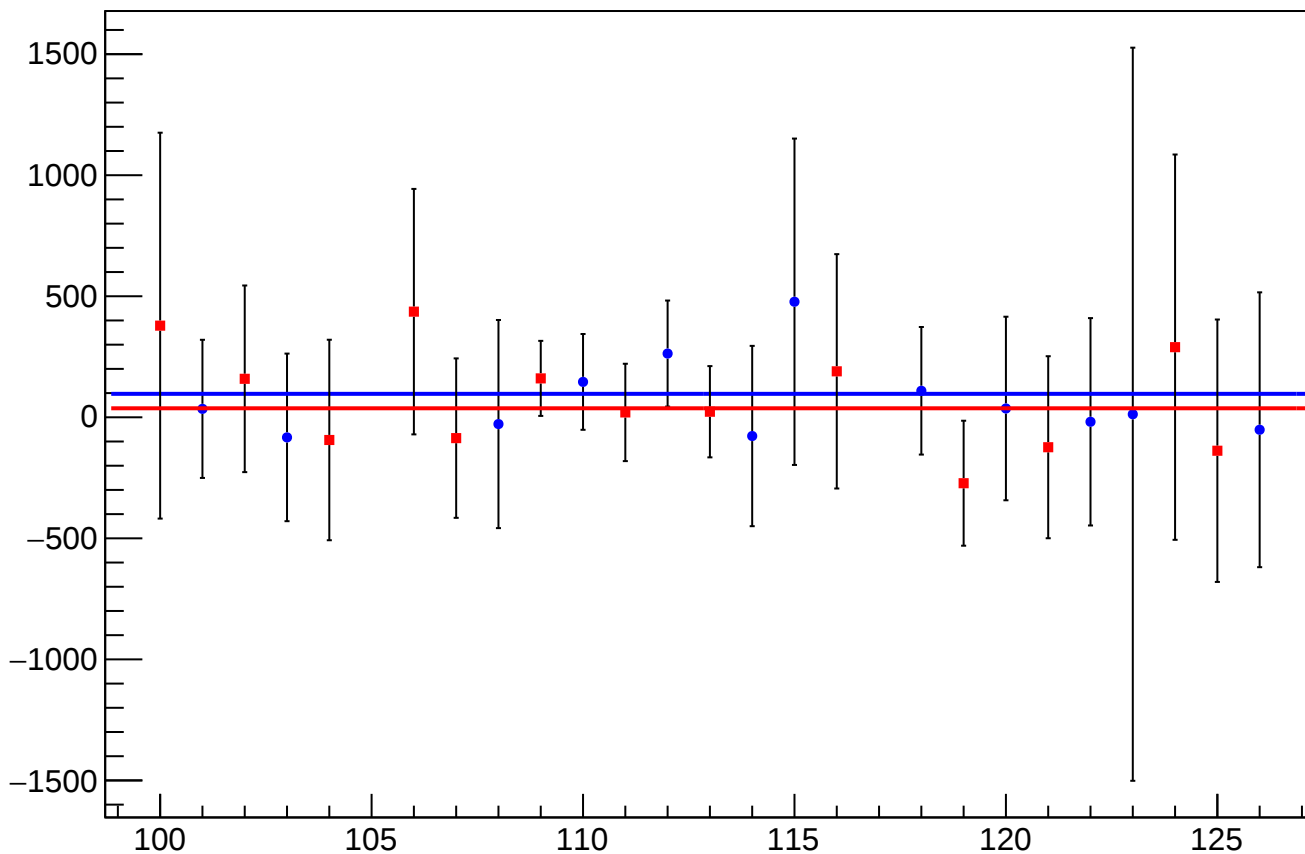
Right: 1942.132+/-0.473 χ^2/NDF : 623338.1/24

In: 1946.641+/-0.691 χ^2/NDF : 323406.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1942.132+/-0.473 χ^2/NDF : 623338.1/24

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 96.910+/-94.411 χ^2/NDF : 1.8/11

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

Right Out: 37.185+/-80.824 χ^2/NDF : 3.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

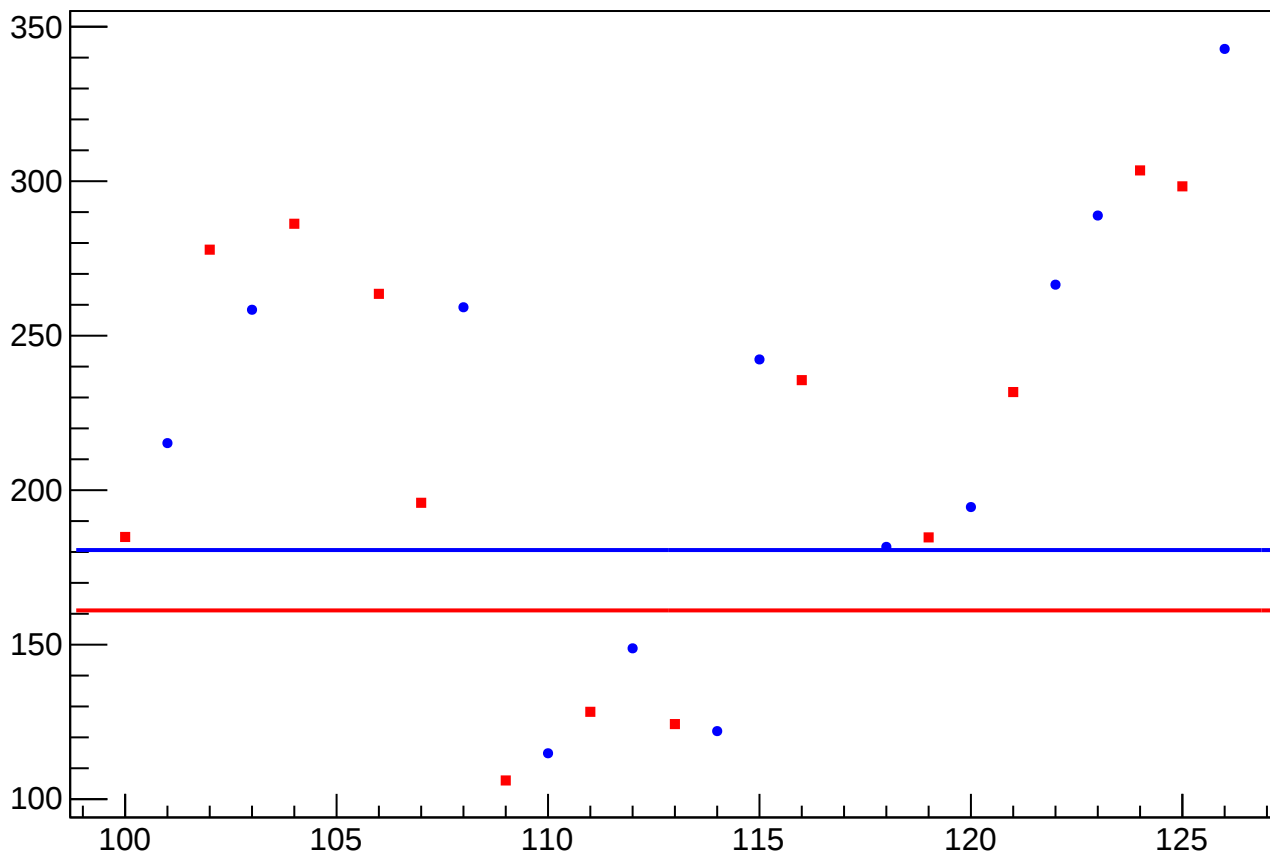
Right: 62.444+/-61.398 χ^2/NDF : 5.7/24

In: 96.910+/-94.411 χ^2/NDF : 1.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.444+/-61.398 χ^2/NDF : 5.7/24

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 180.625+/-0.067 χ^2/NDF : 783351.0/11

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

Right Out: 161.087+/-0.057 χ^2/NDF : 1180660.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

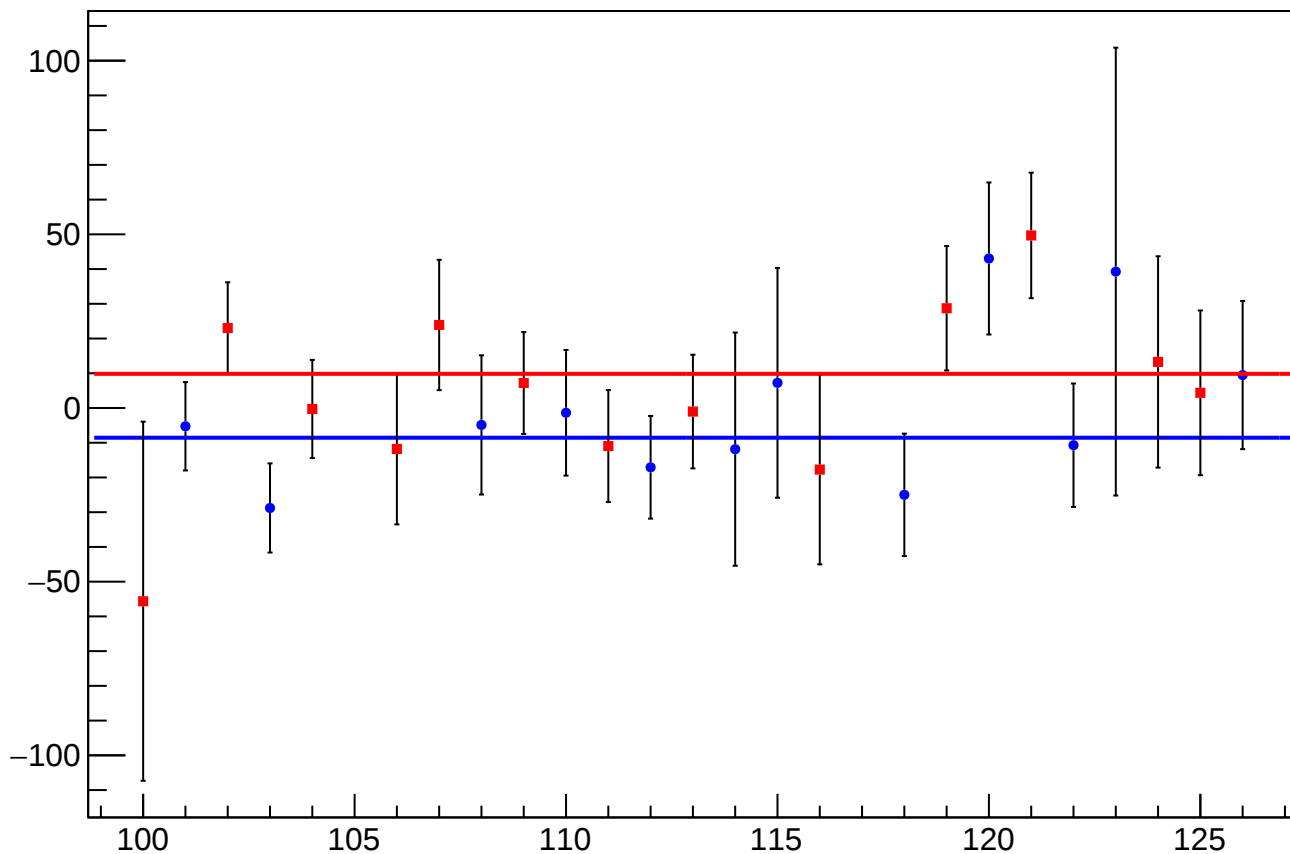
Right: 169.350+/-0.043 χ^2/NDF : 2013434.9/24

In: 180.625+/-0.067 χ^2/NDF :783351.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 169.350+/-0.043 χ^2/NDF : 2013434.9/24

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -8.555+/-5.338 χ^2/NDF : 11.0/11

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

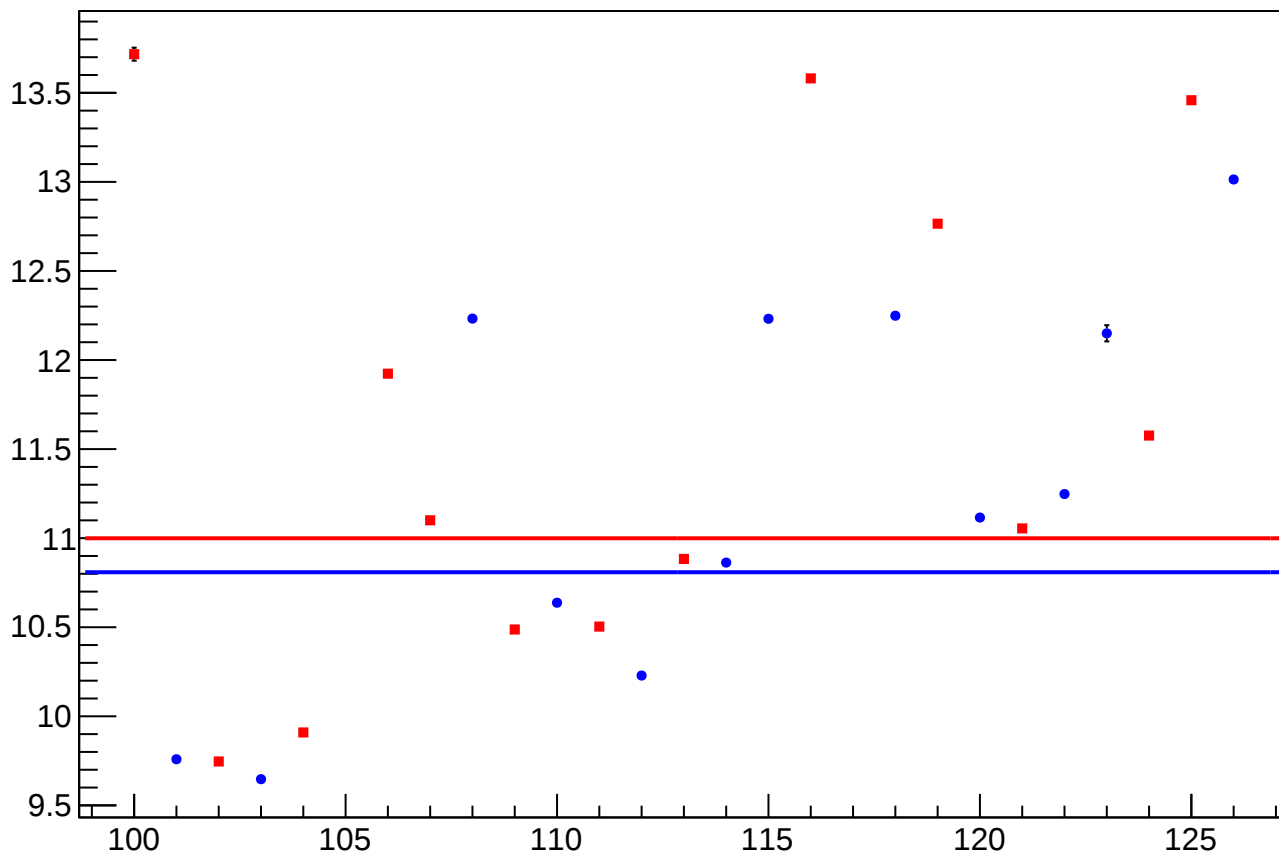
Right: 1.092+/-3.681 χ^2/NDF : 31.1/24

In: -8.555+/-5.338 χ^2/NDF : 11.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.092+/-3.681 χ^2/NDF : 31.1/24

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.809+/-0.004 χ^2/NDF : 84281.3/11

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

Right Out: 10.999+/-0.004 χ^2/NDF : 103191.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

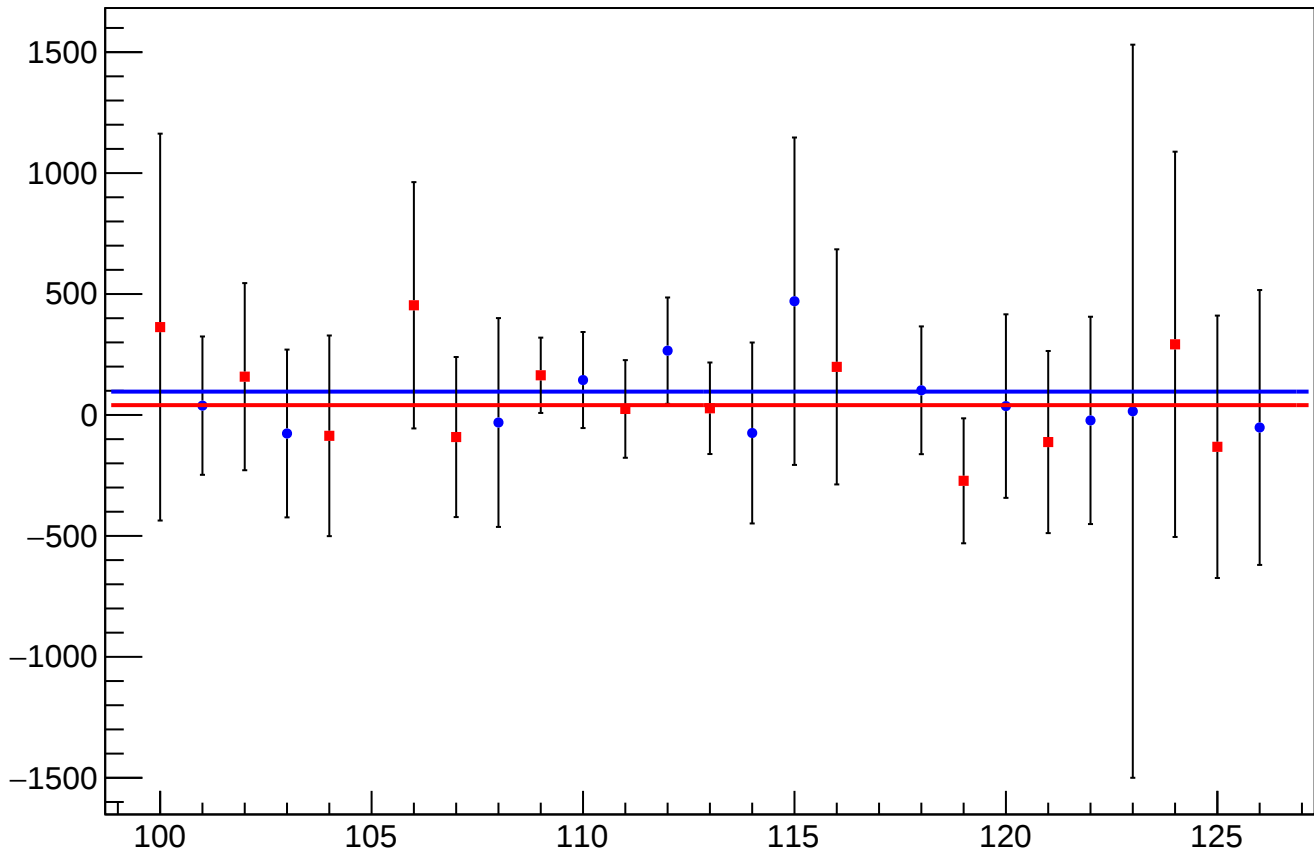
Right: 10.909+/-0.003 χ^2/NDF : 188809.9/24

In: 10.809+/-0.004 χ^2/NDF : 84281.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.909+/-0.003 χ^2/NDF : 188809.9/24

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: 96.556+/-94.683 χ^2/NDF : 1.7/11

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

Right Out: 40.653+/-81.106 χ^2/NDF : 3.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

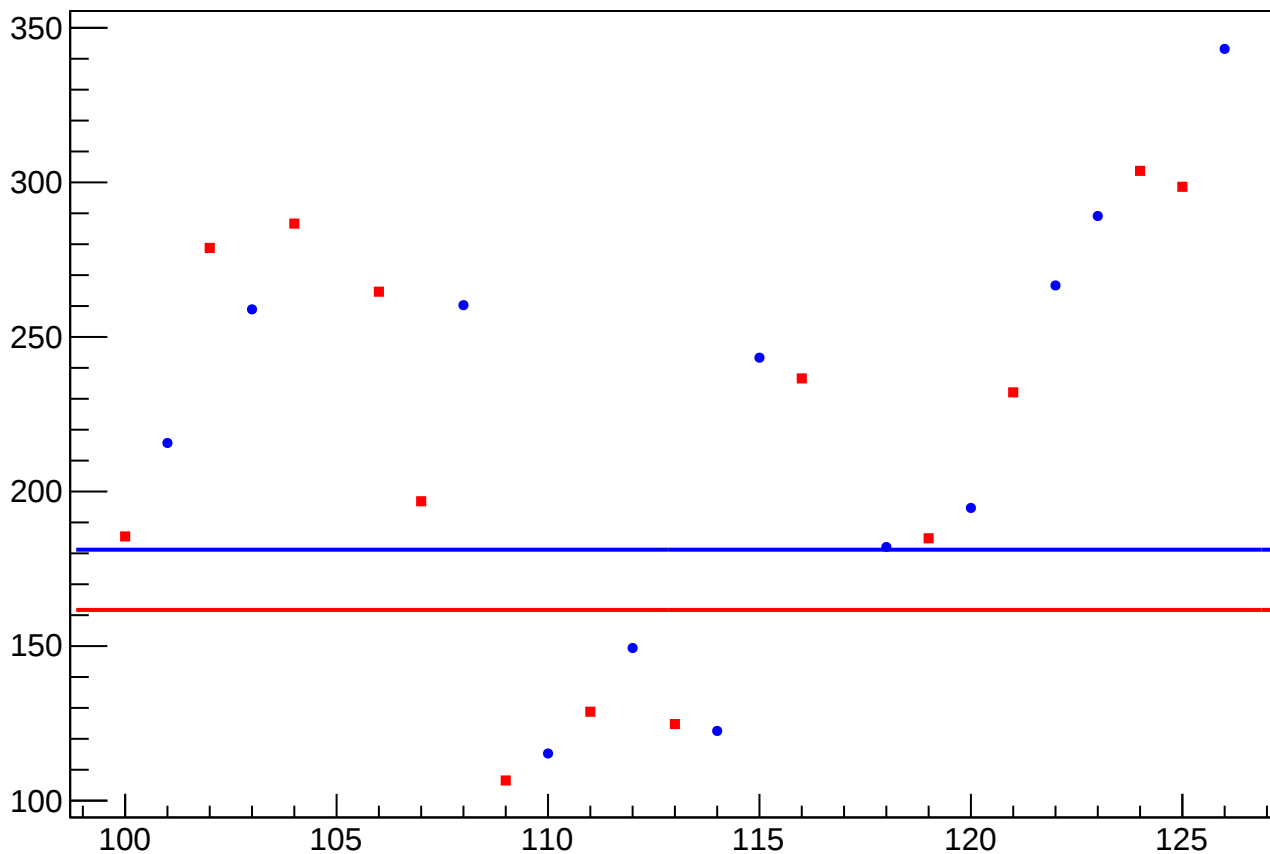
Right: 64.312+/-61.597 χ^2/NDF : 5.7/24

In: 96.556+/-94.683 χ^2/NDF : 1.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.312+/-61.597 χ^2/NDF : 5.7/24

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 181.182+/-0.067 χ^2/NDF : 779895.3/11

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

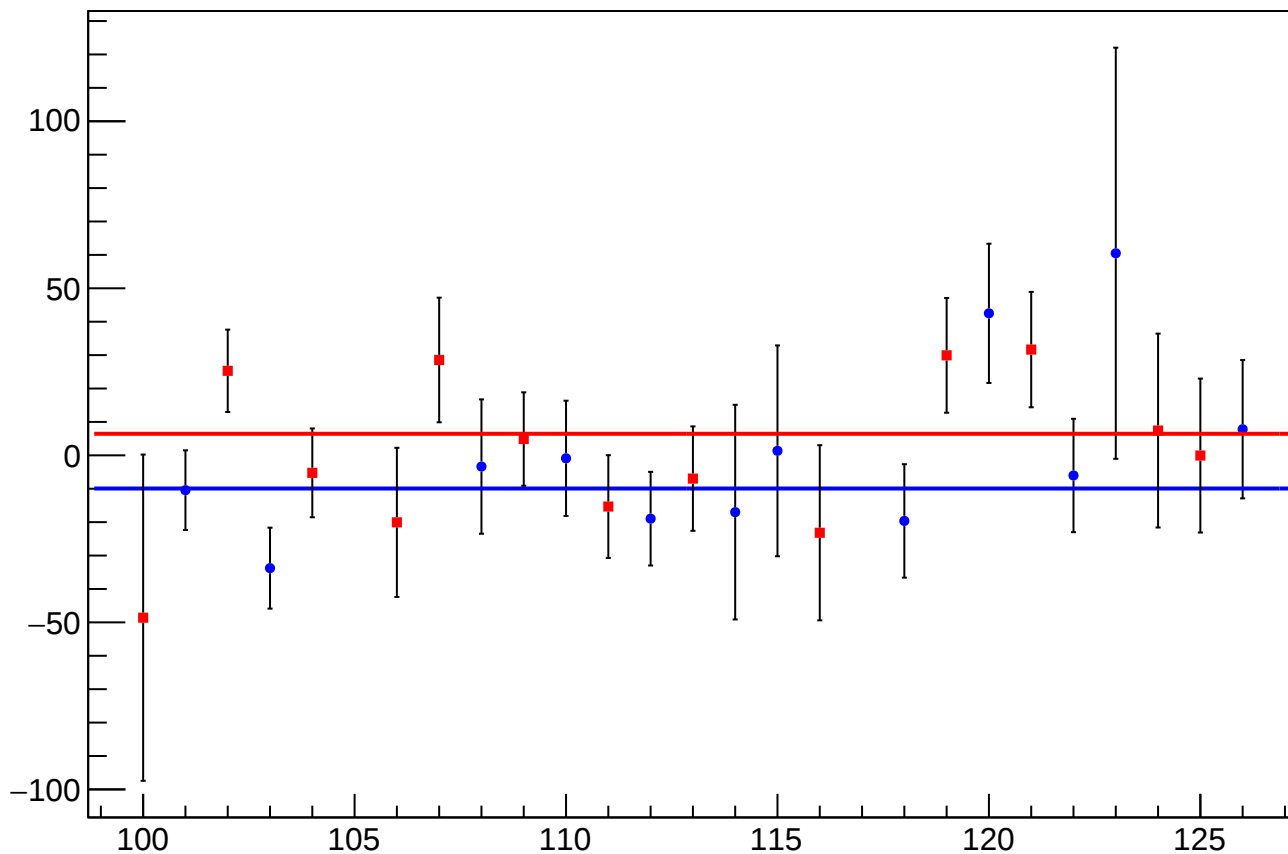
Right: 169.943+/-0.044 χ^2/NDF : 2004618.1/24

In: 181.182+/-0.067 χ^2/NDF : 779895.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.943+/-0.044 χ^2/NDF : 2004618.1/24

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -9.931 $\pm$ 5.091 χ^2/NDF : 13.6/11

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

Right Out: 6.451 $\pm$ 4.865 χ^2/NDF : 15.3/12

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

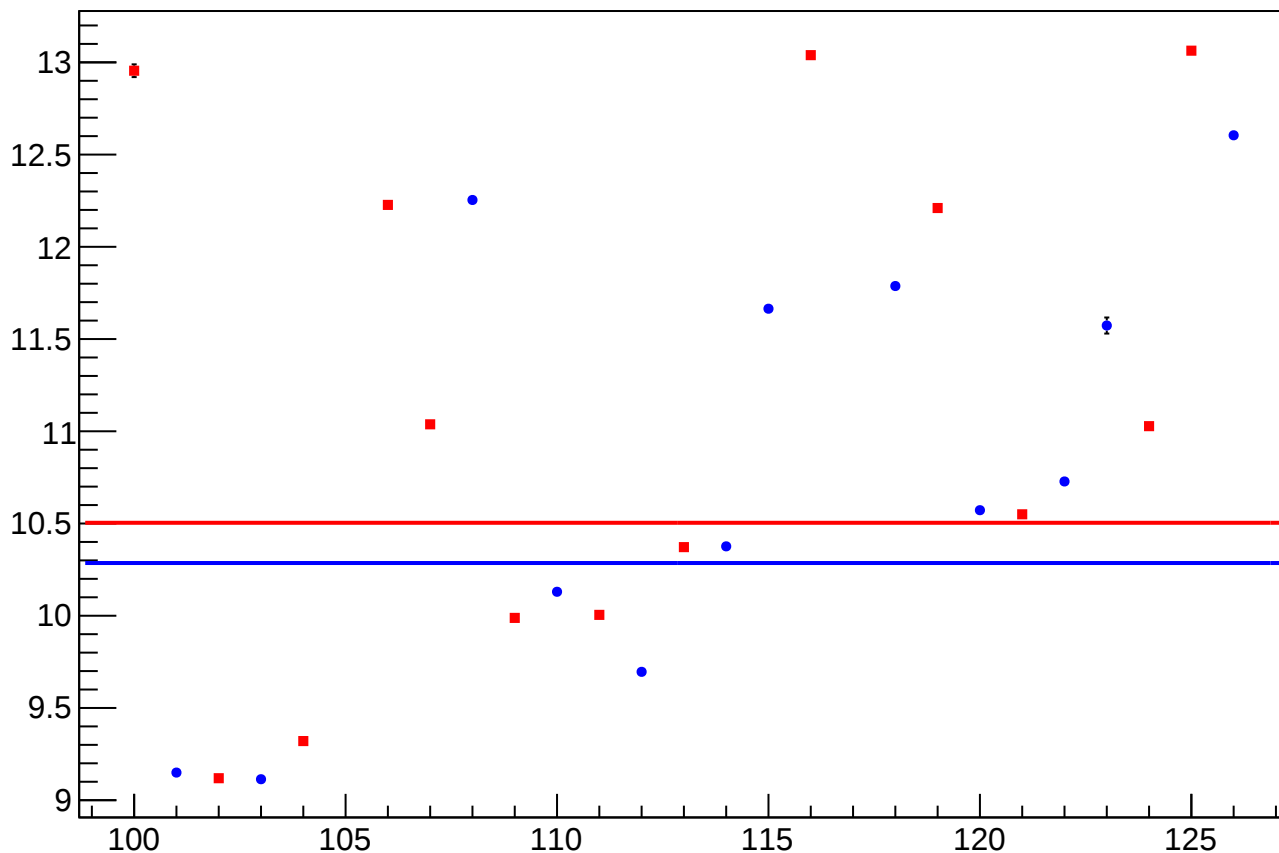
Right: -1.368 $\pm$ 3.517 χ^2/NDF : 34.3/24

In: -9.931 $\pm$ 5.091 χ^2/NDF : 13.6/11

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

All: -1.368 $\pm$ 3.517 χ^2/NDF : 34.3/24

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.286+/-0.004 χ^2/NDF : 106895.8/11

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

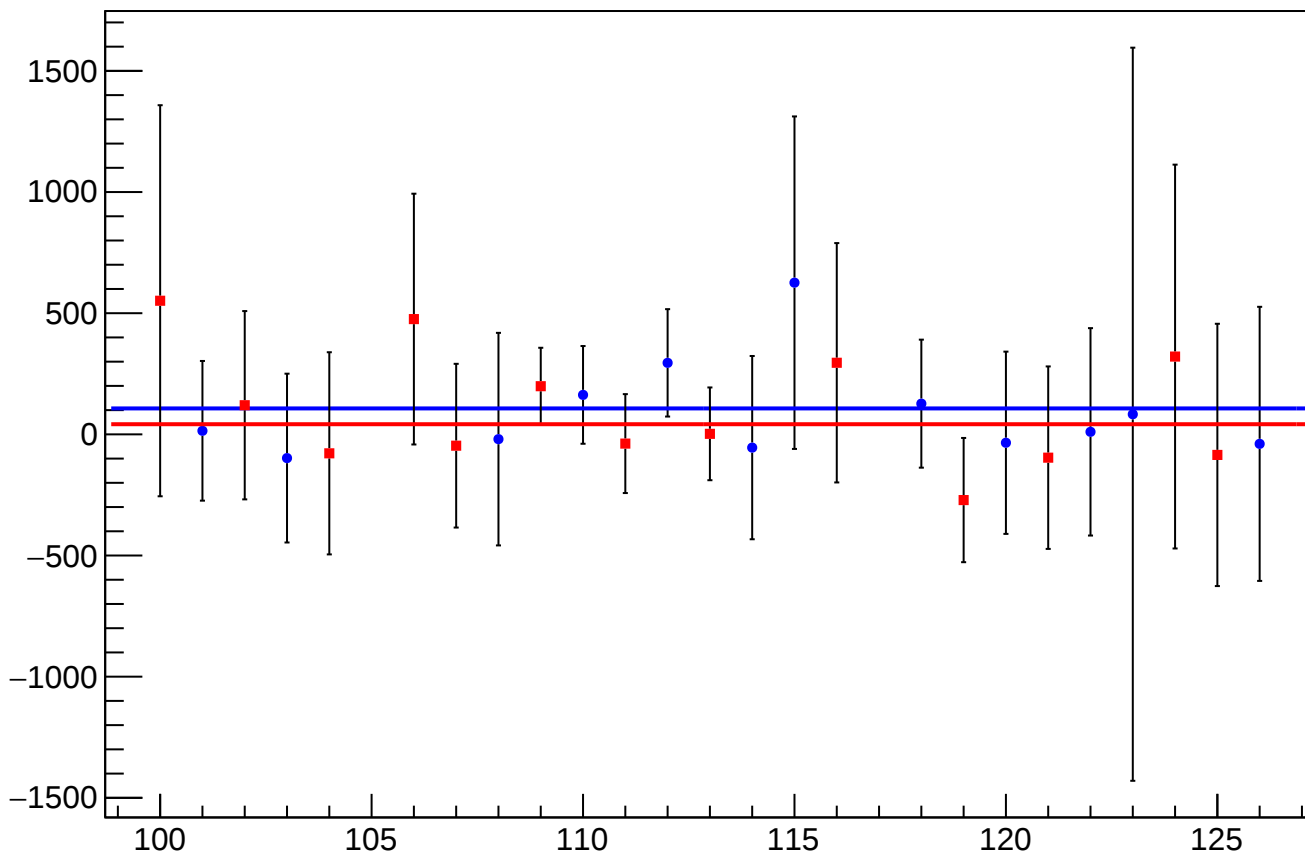
Right: 10.400+/-0.002 χ^2/NDF : 237274.2/24

In: 10.286+/-0.004 χ^2/NDF :106895.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 10.400+/-0.002 χ^2/NDF : 237274.2/24

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 107.003 $\pm$ 95.360 χ^2 /NDF: 2.4/11

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

Right Out: 41.860 $\pm$ 81.973 χ^2 /NDF: 4.5/12

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

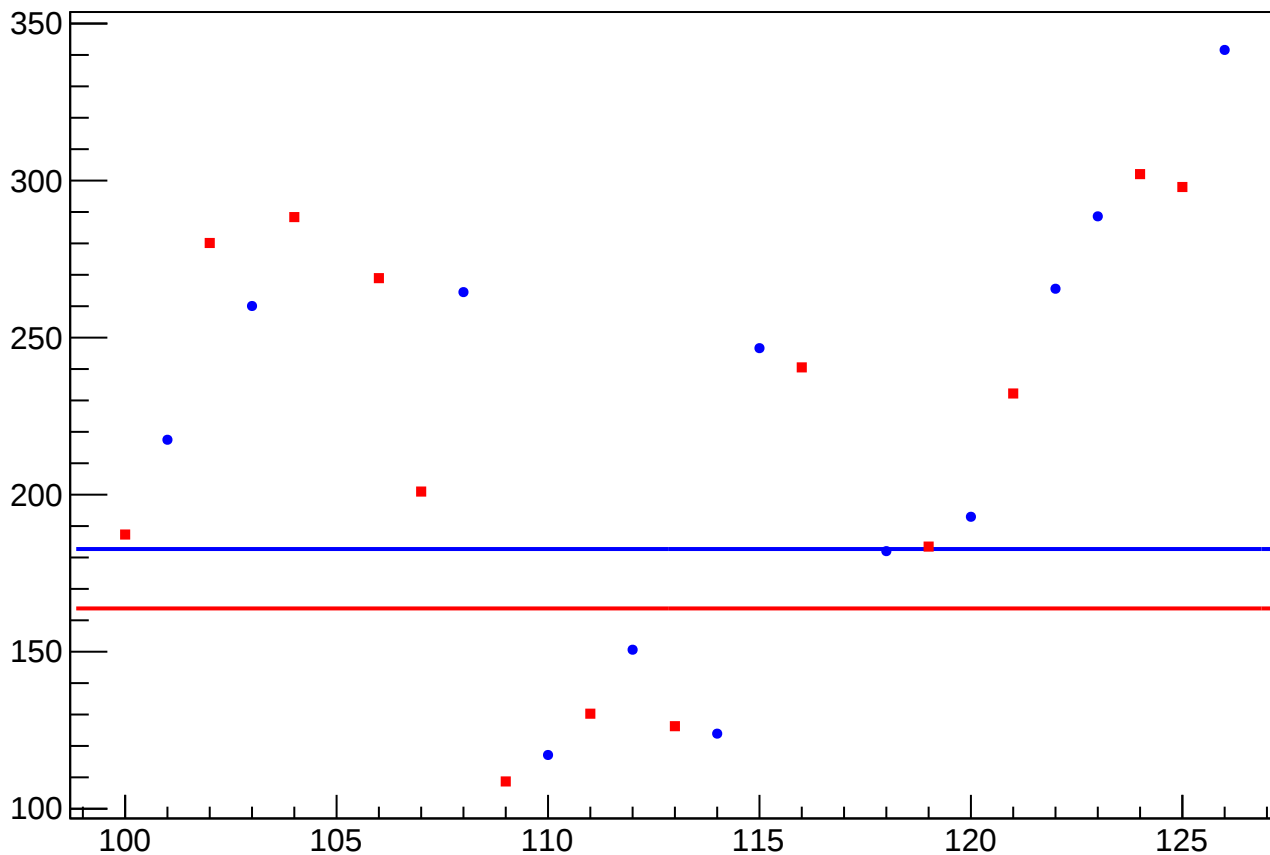
Right: 69.541 $\pm$ 62.163 χ^2 /NDF: 7.2/24

In: 107.003 $\pm$ 95.360 χ^2 /NDF:2.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 69.541 $\pm$ 62.163 χ^2 /NDF: 7.2/24

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 182.692+/-0.067 χ^2/NDF : 760569.8/11

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

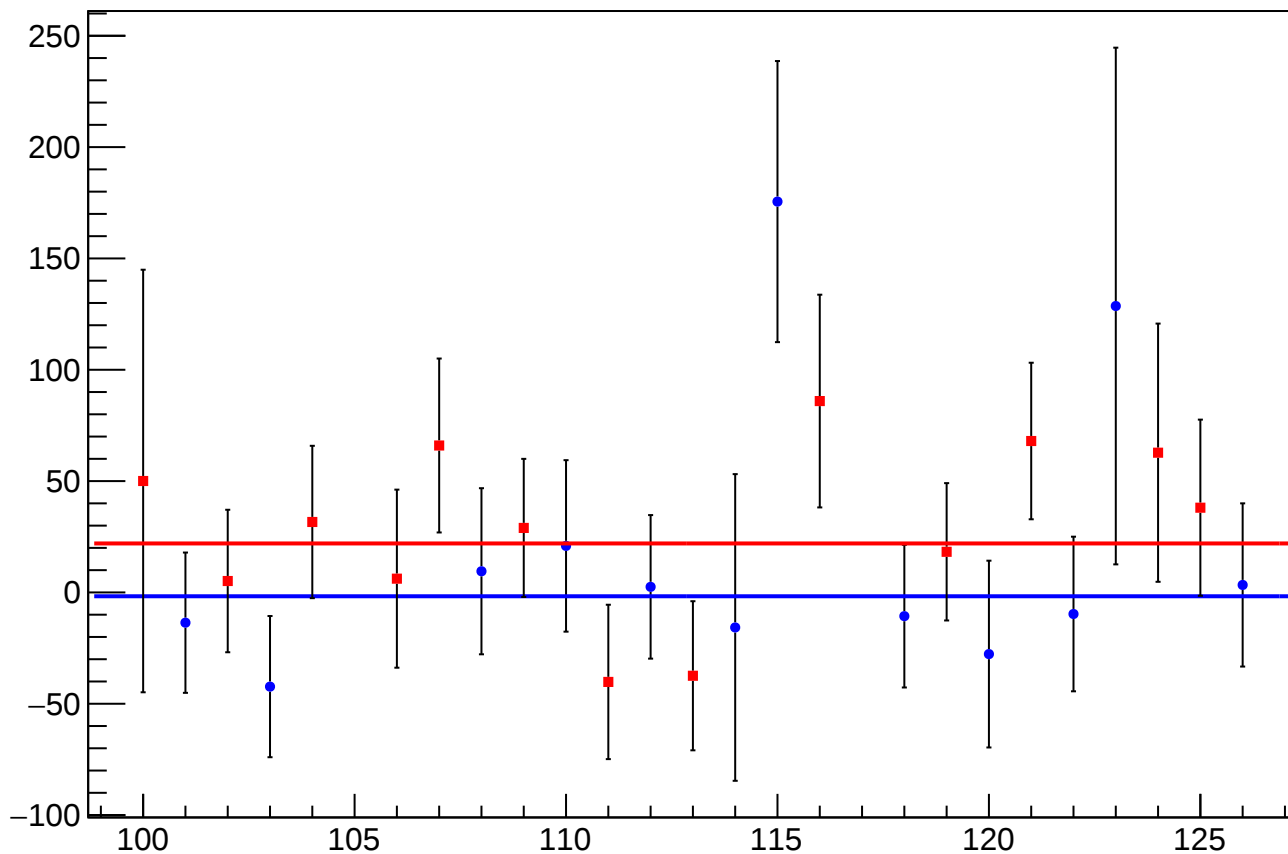
Right: 171.815+/-0.044 χ^2/NDF : 1954021.0/24

In: 182.692+/-0.067 χ^2/NDF : 760569.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.815+/-0.044 χ^2/NDF : 1954021.0/24

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -1.725+/-11.174 χ^2/NDF : 12.0/11

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

Right Out: 21.996+/-10.414 χ^2/NDF : 12.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

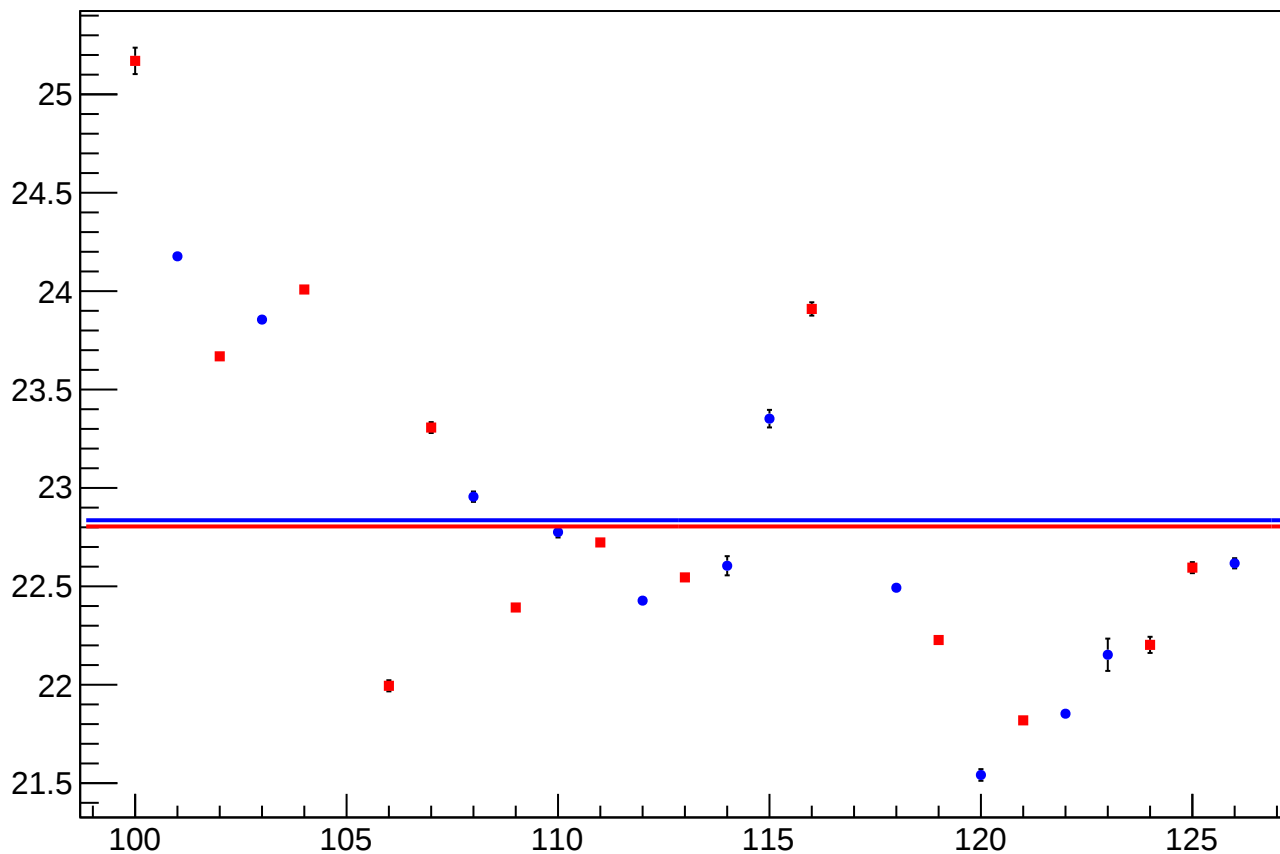
Right: 10.969+/-7.618 χ^2/NDF : 26.8/24

In: -1.725+/-11.174 χ^2/NDF : 12.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.969+/-7.618 χ^2/NDF : 26.8/24

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.836+/-0.008 χ^2/NDF : 10071.5/11

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

Right Out: 22.804+/-0.007 χ^2/NDF : 10426.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

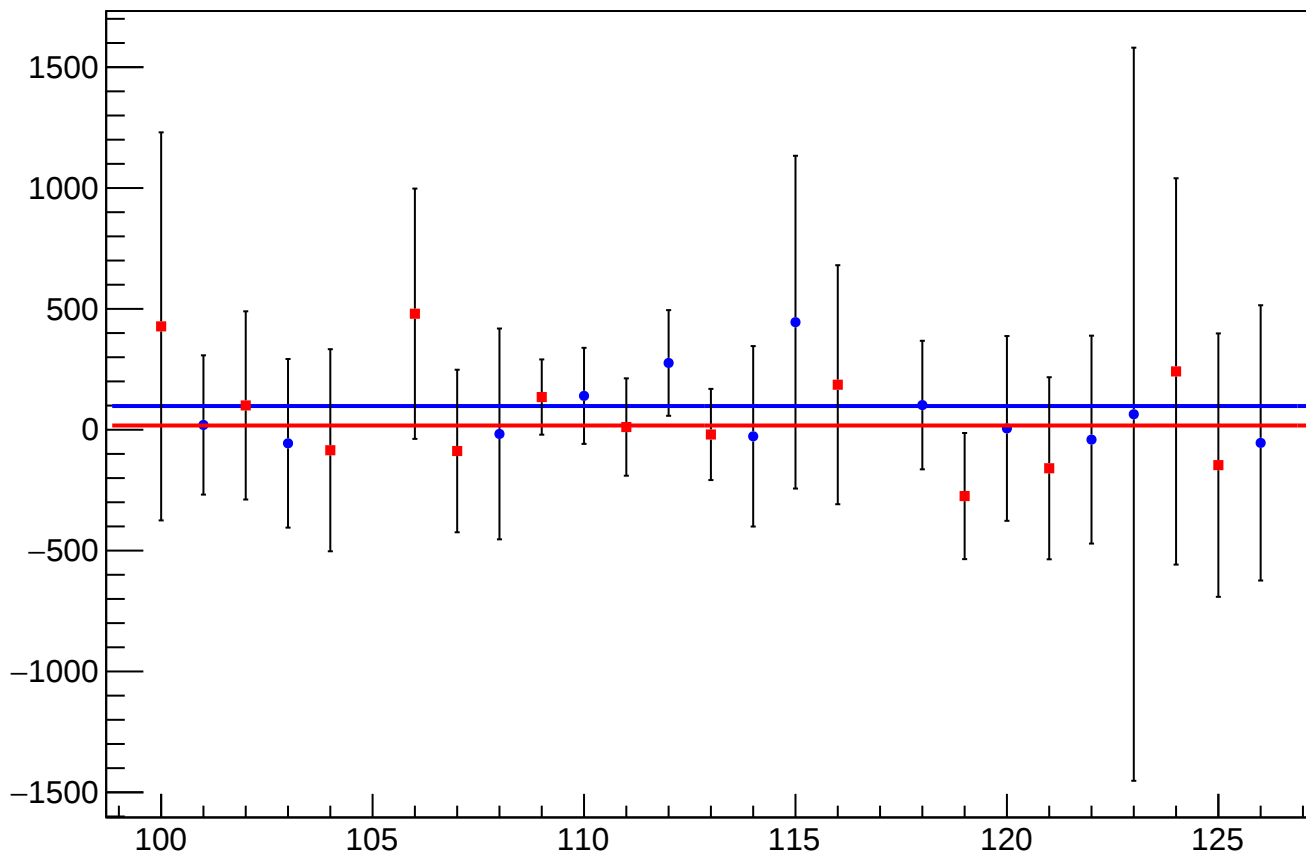
Right: 22.819+/-0.005 χ^2/NDF : 20506.9/24

In: 22.836+/-0.008 χ^2/NDF :10071.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.819+/-0.005 χ^2/NDF : 20506.9/24

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 98.082+/-94.922 χ^2/NDF : 1.7/11

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

Right Out: 17.564+/-81.311 χ^2/NDF : 3.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

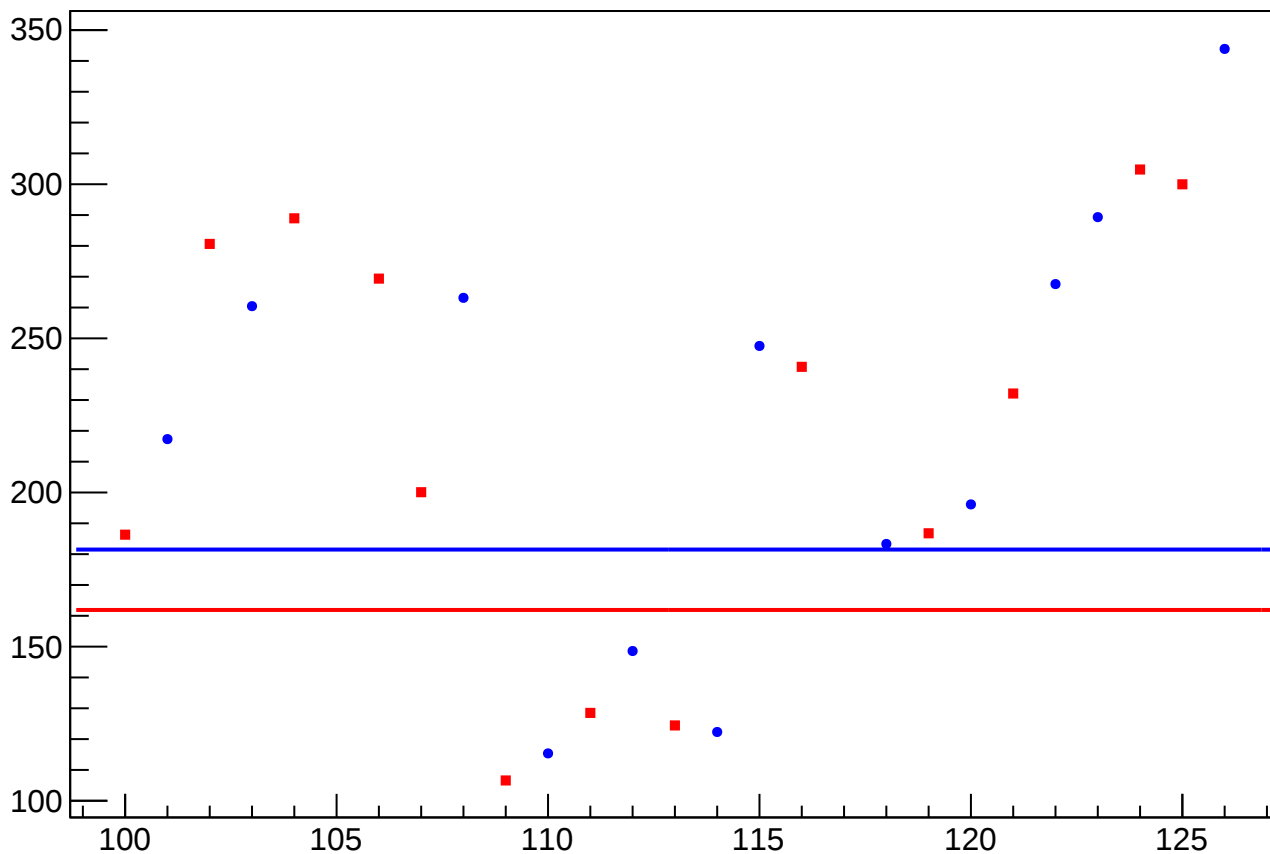
Right: 51.641+/-61.752 χ^2/NDF : 5.7/24

In: 98.082+/-94.922 χ^2/NDF : 1.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.641+/-61.752 χ^2/NDF : 5.7/24

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 181.490+/-0.067 χ^2/NDF : 795126.1/11

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

Right Out: 161.895+/-0.057 χ^2/NDF : 1201996.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

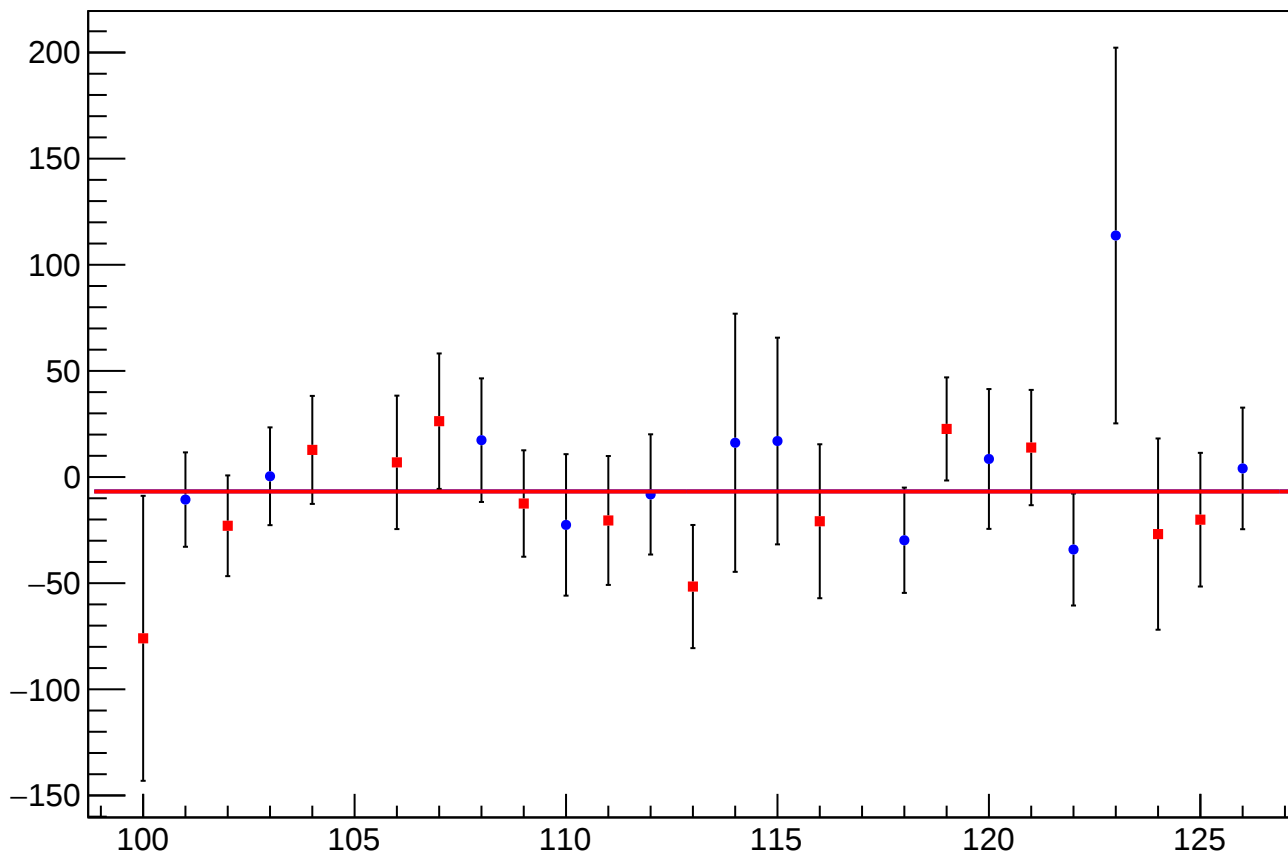
Right: 170.188+/-0.044 χ^2/NDF : 2046282.9/24

In: 181.490+/-0.067 χ^2/NDF : 795126.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.188+/-0.044 χ^2/NDF : 2046282.9/24

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -6.743+/-8.685 χ^2/NDF : 5.6/11

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

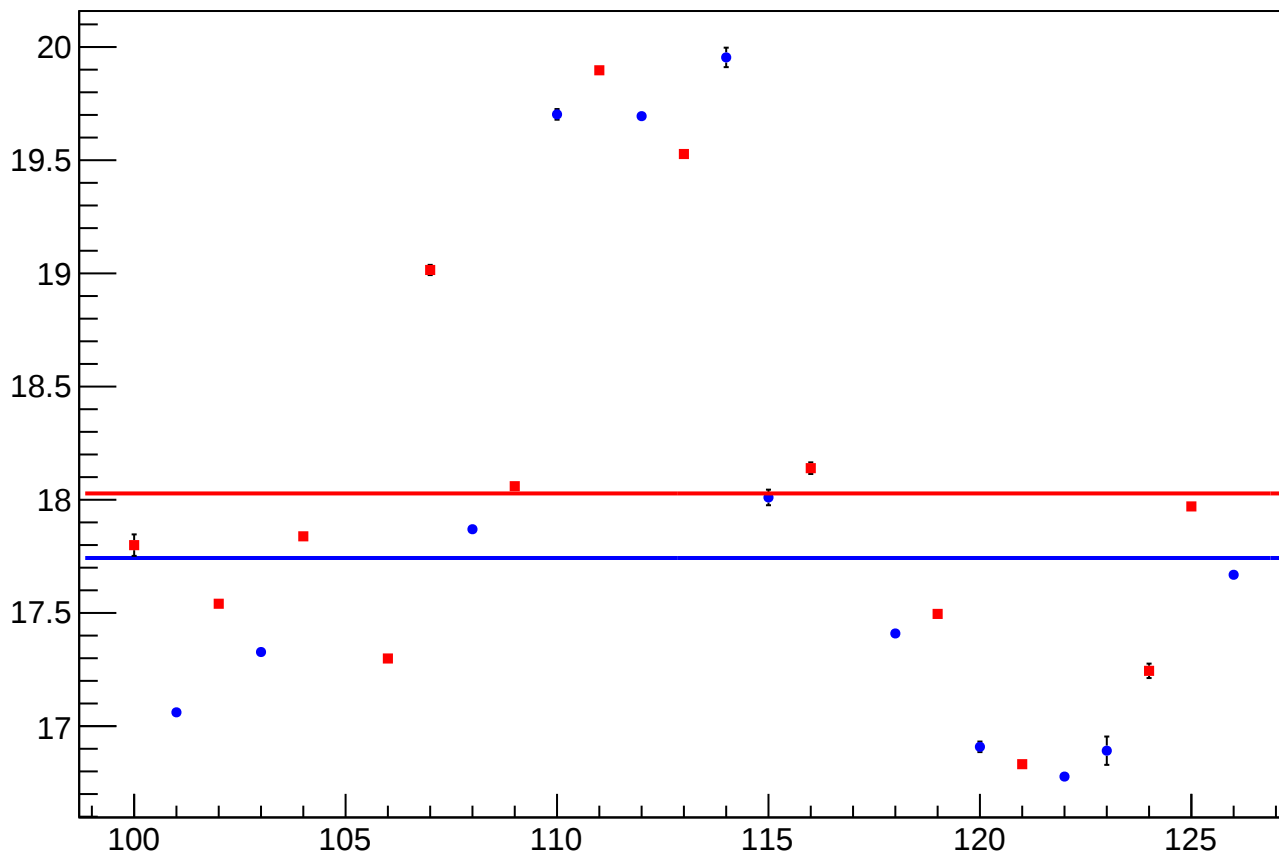
Right: -6.786+/-5.979 χ^2/NDF : 14.2/24

In: -6.743+/-8.685 χ^2/NDF : 5.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.786+/-5.979 χ^2/NDF : 14.2/24

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.743+/-0.006 χ^2/NDF : 26209.8/11

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

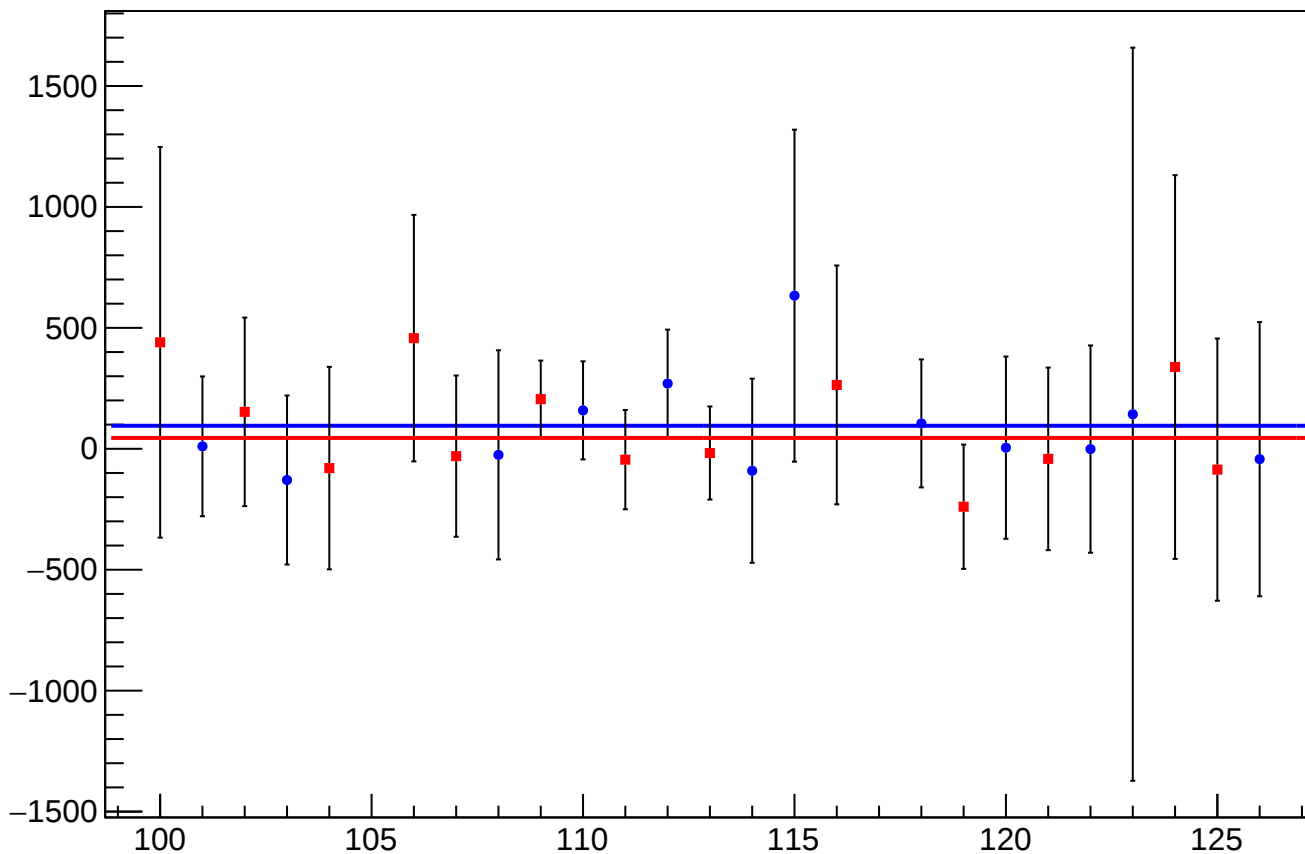
Right: 17.893+/-0.004 χ^2/NDF : 49707.8/24

In: 17.743+/-0.006 χ^2/NDF : 26209.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.893+/-0.004 χ^2/NDF : 49707.8/24

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 95.219+/-95.637 χ^2/NDF : 2.3/11

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

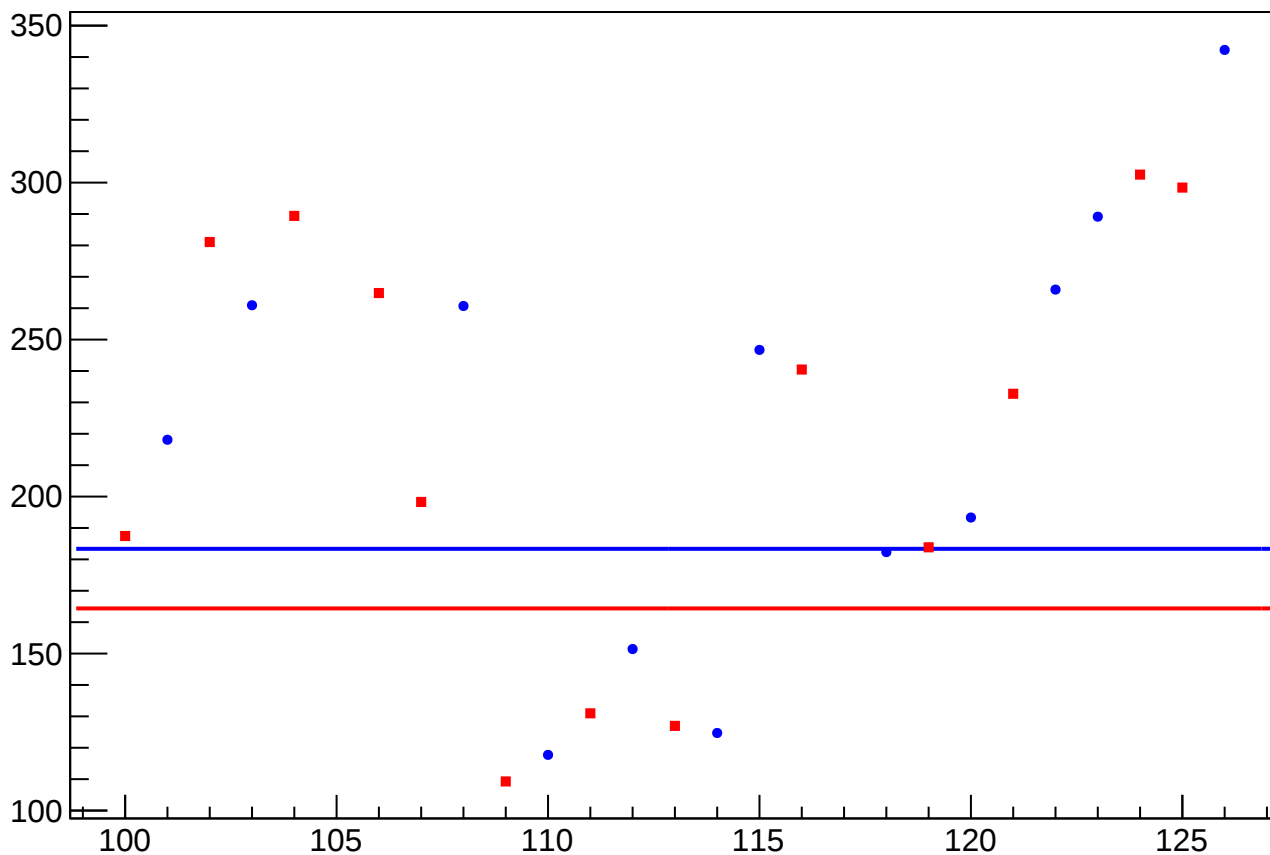
Right: 66.330+/-62.335 χ^2/NDF : 6.6/24

In: 95.219+/-95.637 χ^2/NDF : 2.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.330+/-62.335 χ^2/NDF : 6.6/24

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 183.361+/-0.068 χ^2/NDF : 749300.2/11

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

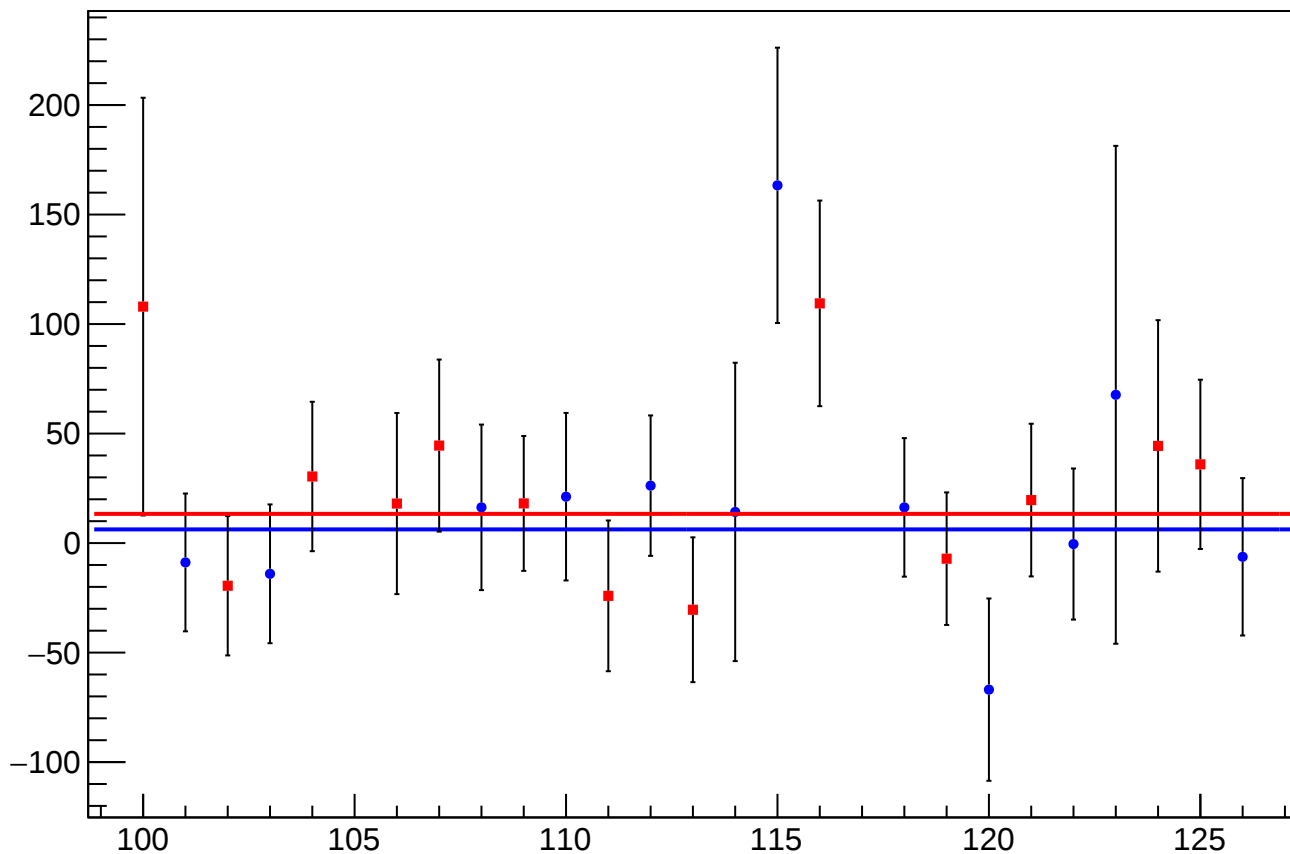
Right: 172.443+/-0.044 χ^2/NDF : 1927310.4/24

In: 183.361+/-0.068 χ^2/NDF : 749300.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.443+/-0.044 χ^2/NDF : 1927310.4/24

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 6.246+/-11.110 χ^2/NDF : 11.2/11

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

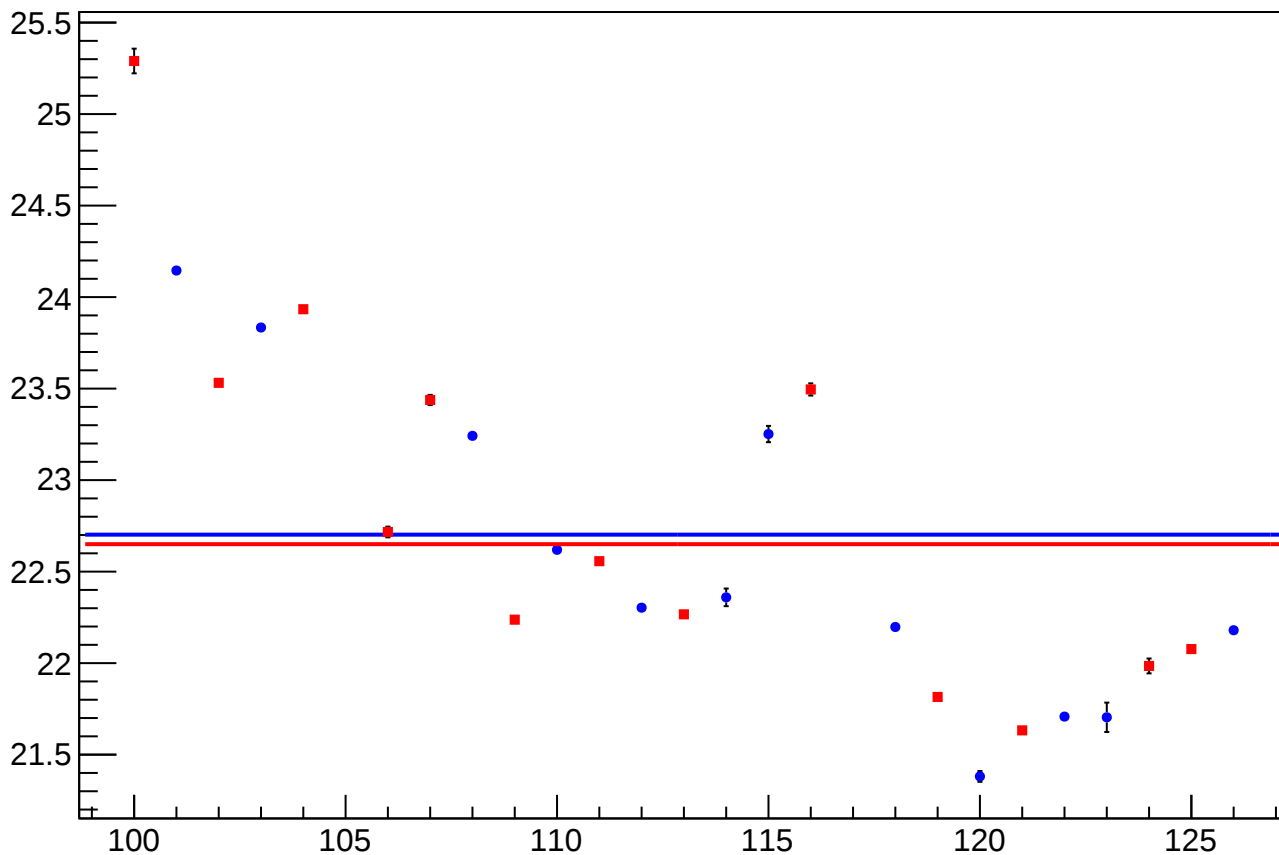
Right: 10.044+/-7.570 χ^2/NDF : 22.6/24

In: 6.246+/-11.110 χ^2/NDF : 11.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.044+/-7.570 χ^2/NDF : 22.6/24

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.702+/-0.008 χ^2/NDF : 12454.4/11

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

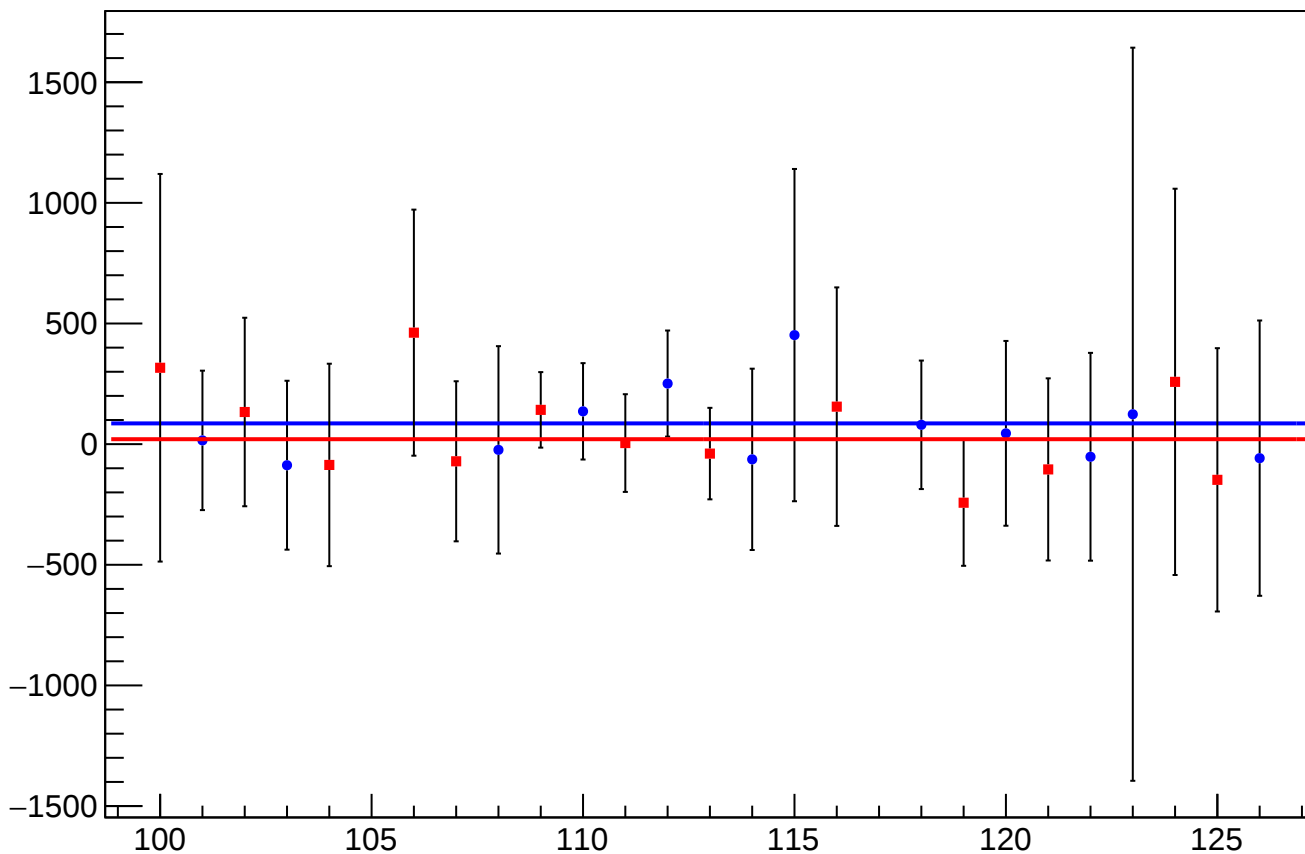
Right: 22.674+/-0.005 χ^2/NDF : 24416.2/24

In: 22.702+/-0.008 χ^2/NDF : 12454.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.674+/-0.005 χ^2/NDF : 24416.2/24

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 85.985 $\pm$ 95.203 χ^2 /NDF: 1.6/11

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

Right Out: 20.471 $\pm$ 81.537 χ^2 /NDF: 3.2/12

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

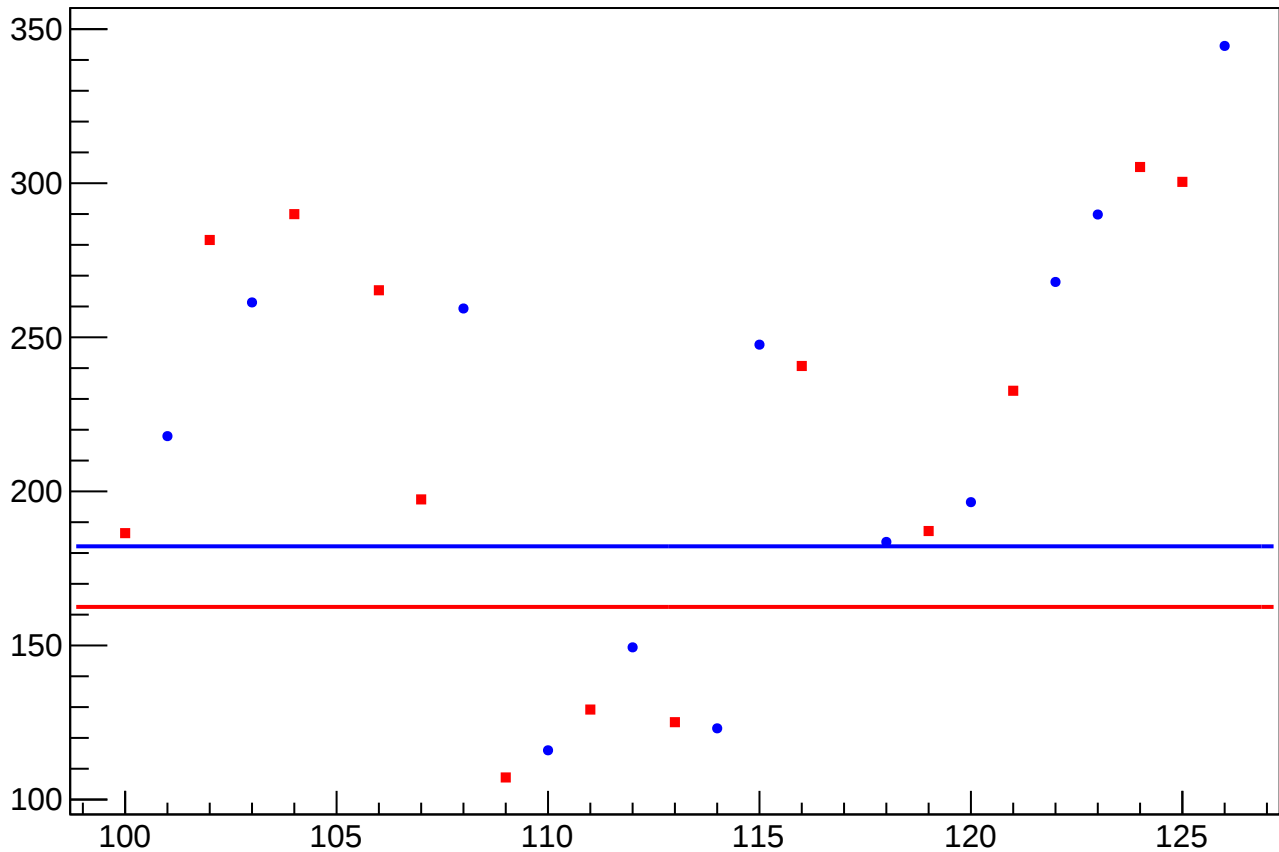
Right: 48.193 $\pm$ 61.929 χ^2 /NDF: 5.1/24

In: 85.985 $\pm$ 95.203 χ^2 /NDF:1.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 48.193 $\pm$ 61.929 χ^2 /NDF: 5.1/24

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 182.173 ± 0.067 χ^2/NDF : 783325.9/11

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

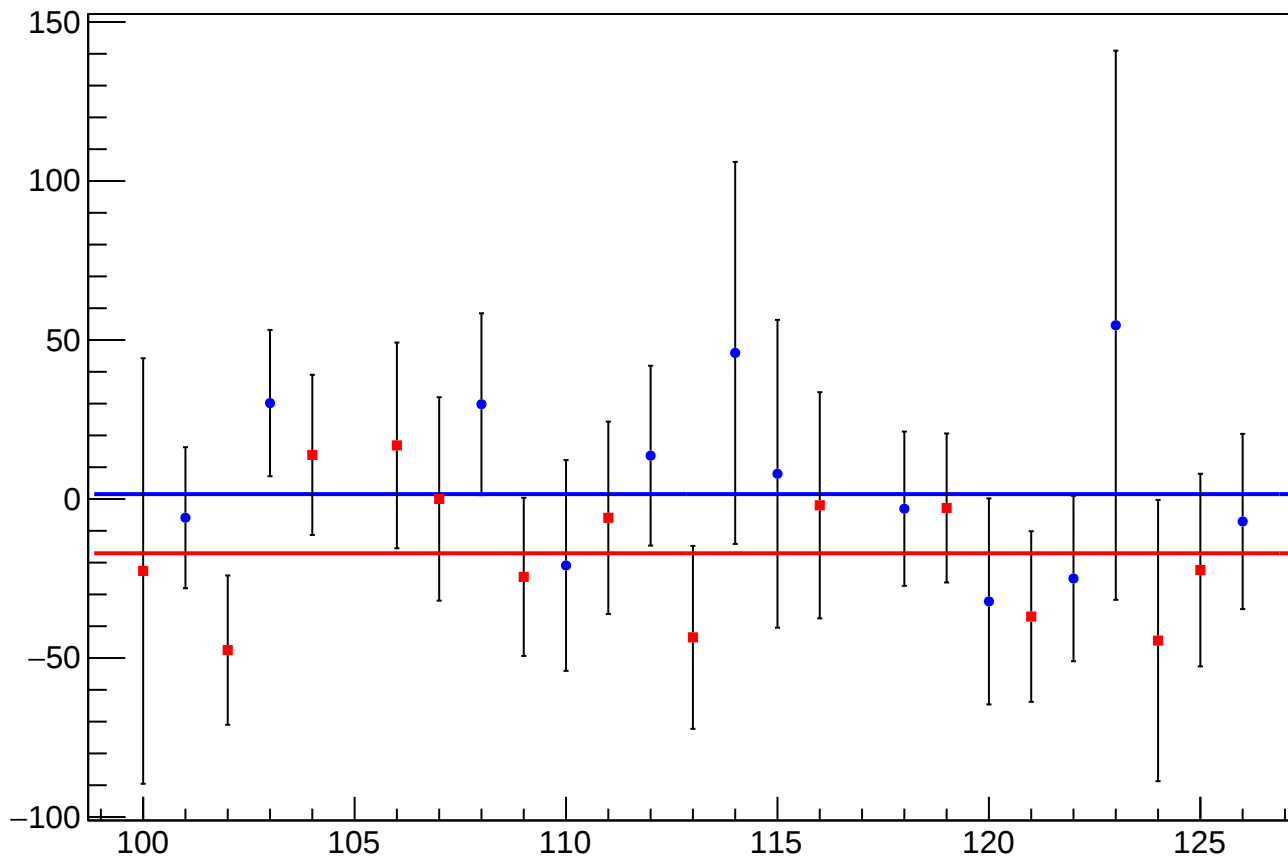
Right: 170.831 ± 0.044 χ^2/NDF : 2018357.1/24

In: 182.173 ± 0.067 χ^2/NDF : 783325.9/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 170.831 ± 0.044 χ^2/NDF : 2018357.1/24

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.539+/-8.577 χ^2/NDF : 6.5/11

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

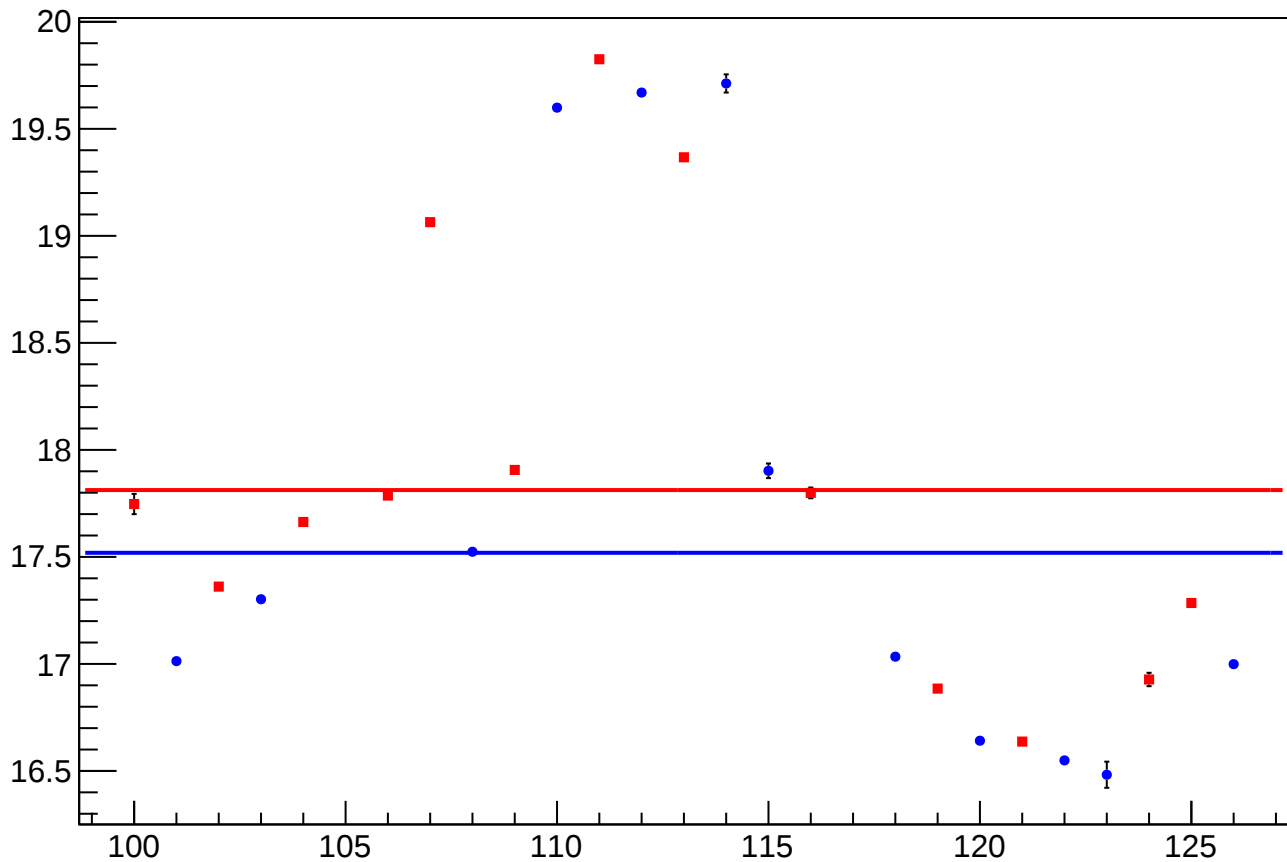
Right: -8.240+/-5.906 χ^2/NDF : 16.1/24

In: 1.539+/-8.577 χ^2/NDF : 6.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.240+/-5.906 χ^2/NDF : 16.1/24

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.519+/-0.006 χ^2/NDF : 29493.9/11

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

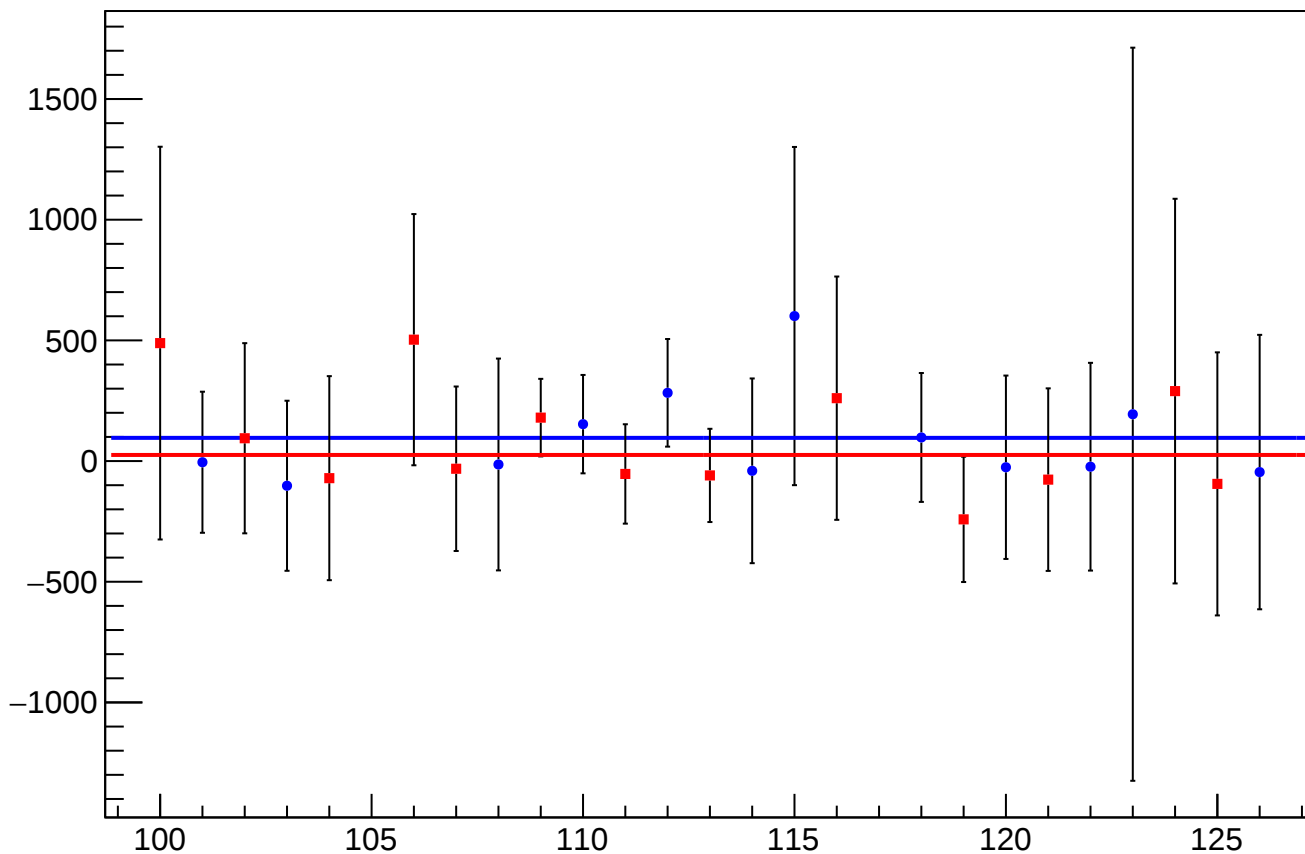
Right: 17.673+/-0.004 χ^2/NDF : 57705.0/24

In: 17.519+/-0.006 χ^2/NDF : 29493.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.673+/-0.004 χ^2/NDF : 57705.0/24

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 96.151+/-96.274 χ^2/NDF : 2.2/11

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

Right Out: 25.327+/-82.852 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

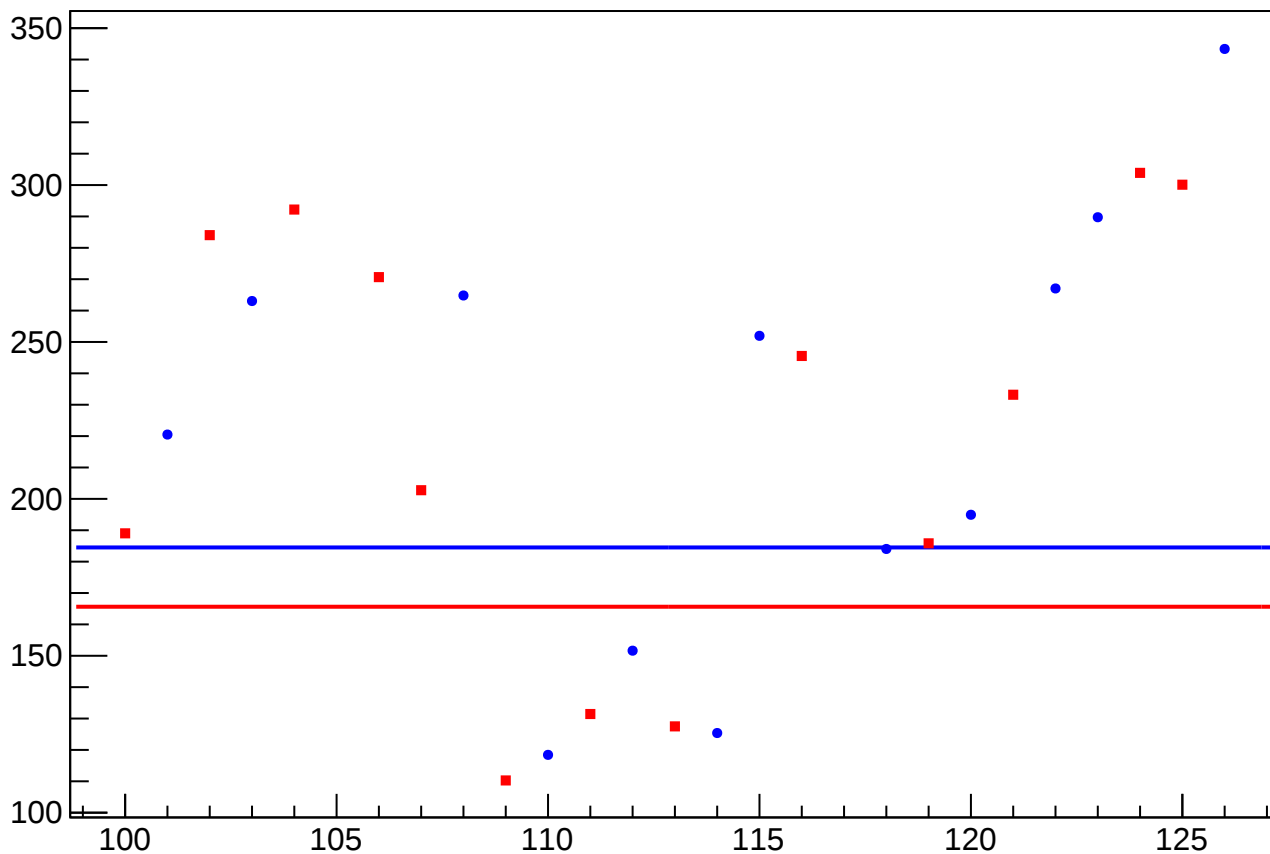
Right: 55.462+/-62.799 χ^2/NDF : 6.5/24

In: 96.151+/-96.274 χ^2/NDF : 2.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.462+/-62.799 χ^2/NDF : 6.5/24

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 184.521+/-0.068 χ^2/NDF : 757573.1/11

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

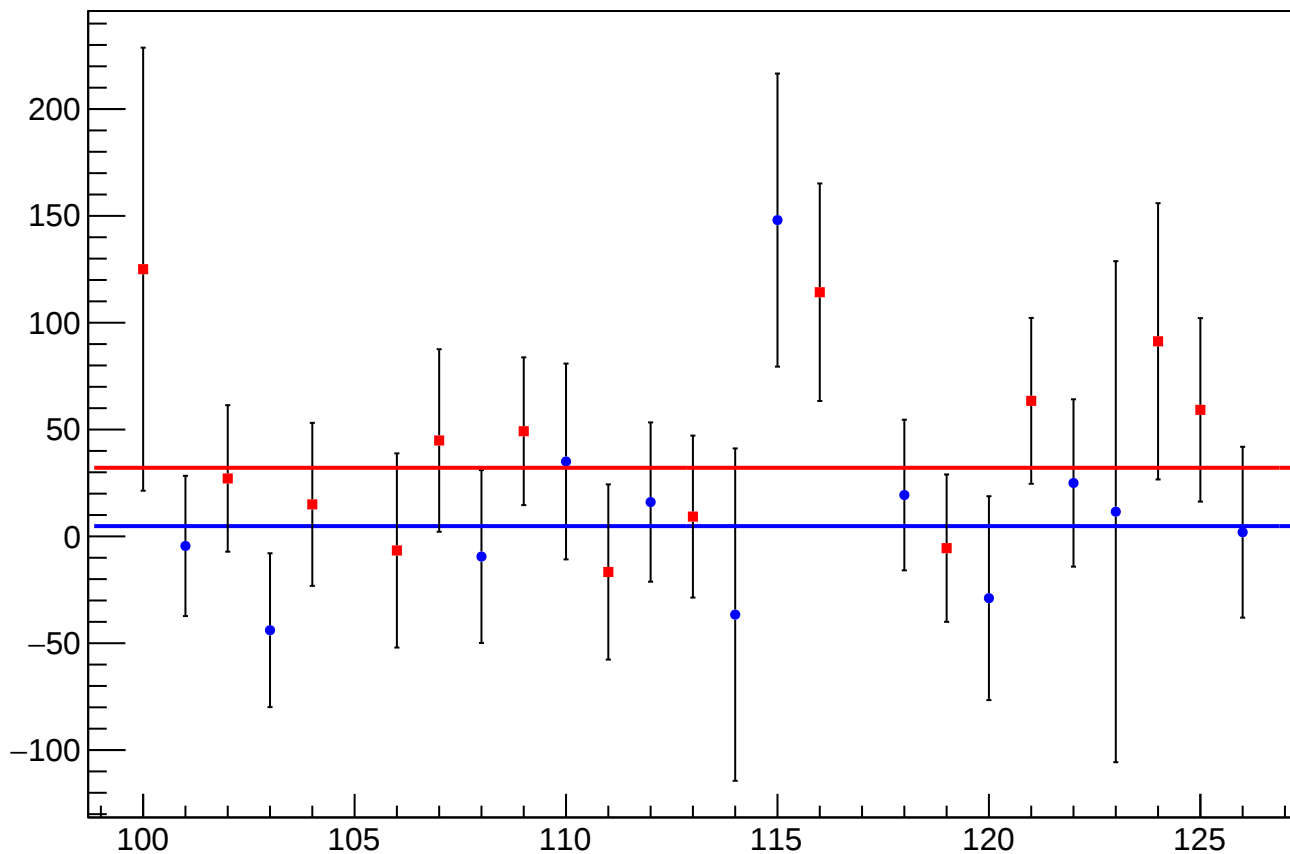
Right: 173.667+/-0.044 χ^2/NDF : 1947281.5/24

In: 184.521+/-0.068 χ^2/NDF : 757573.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.667+/-0.044 χ^2/NDF : 1947281.5/24

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 4.805+/-12.424 χ^2/NDF : 8.1/11

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

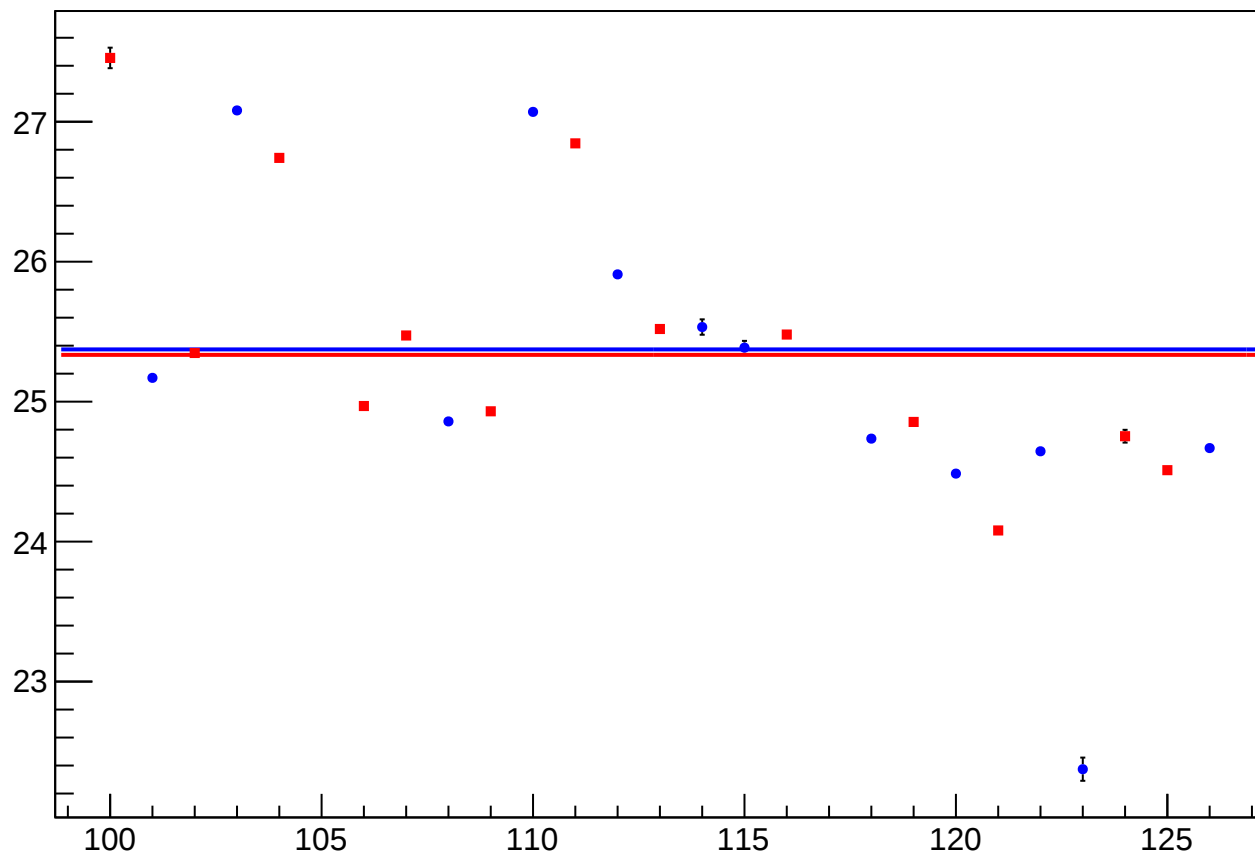
Right: 19.422+/-8.469 χ^2/NDF : 20.3/24

In: 4.805+/-12.424 χ^2/NDF : 8.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.422+/-8.469 χ^2/NDF : 20.3/24

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.373+/-0.009 χ^2 /NDF: 12029.3/11

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

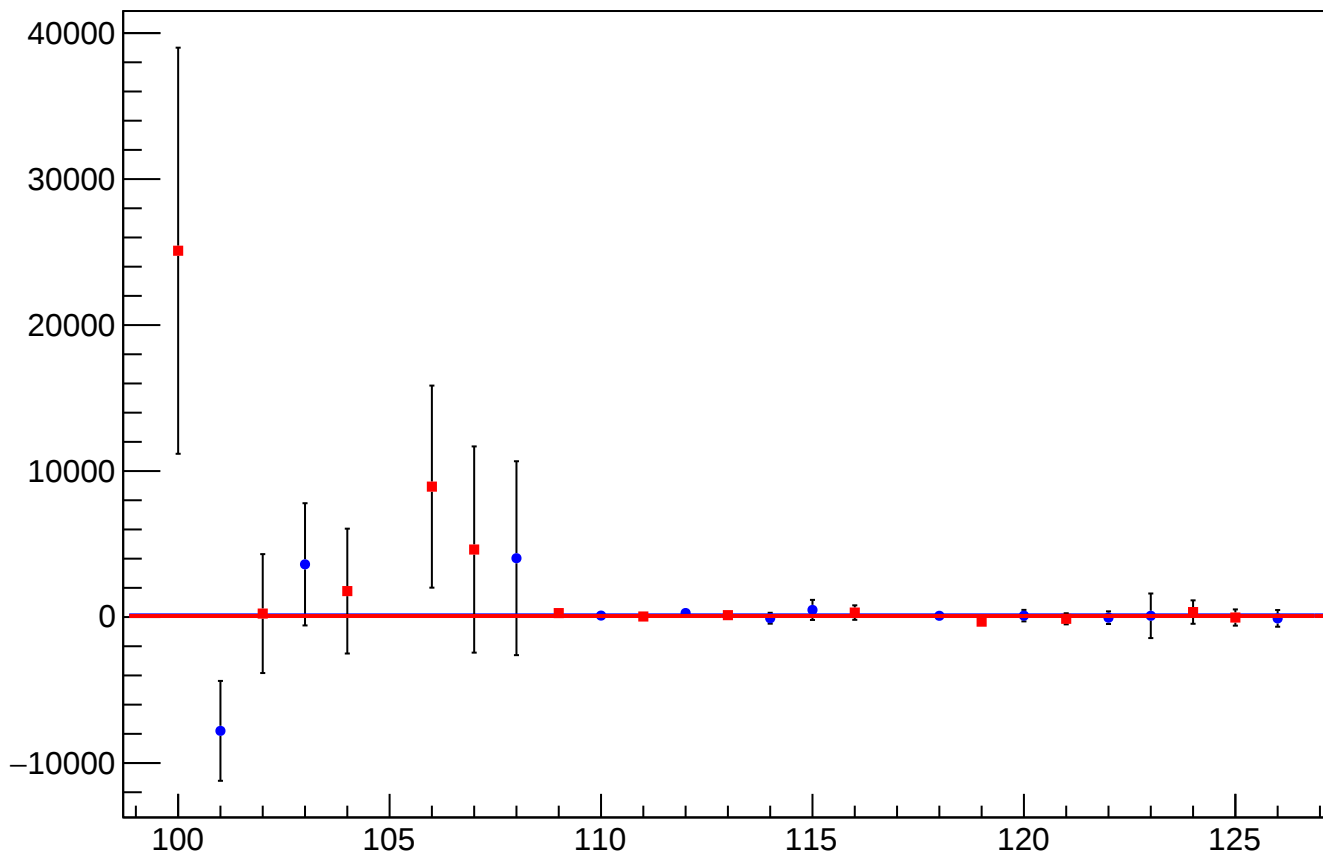
Right: 25.352+/-0.006 χ^2 /NDF: 22177.1/24

In: 25.373+/-0.009 χ^2 /NDF: 12029.3/11

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 25.352+/-0.006 χ^2 /NDF: 22177.1/24

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 114.939+/-109.072 χ^2/NDF : 7.8/11

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

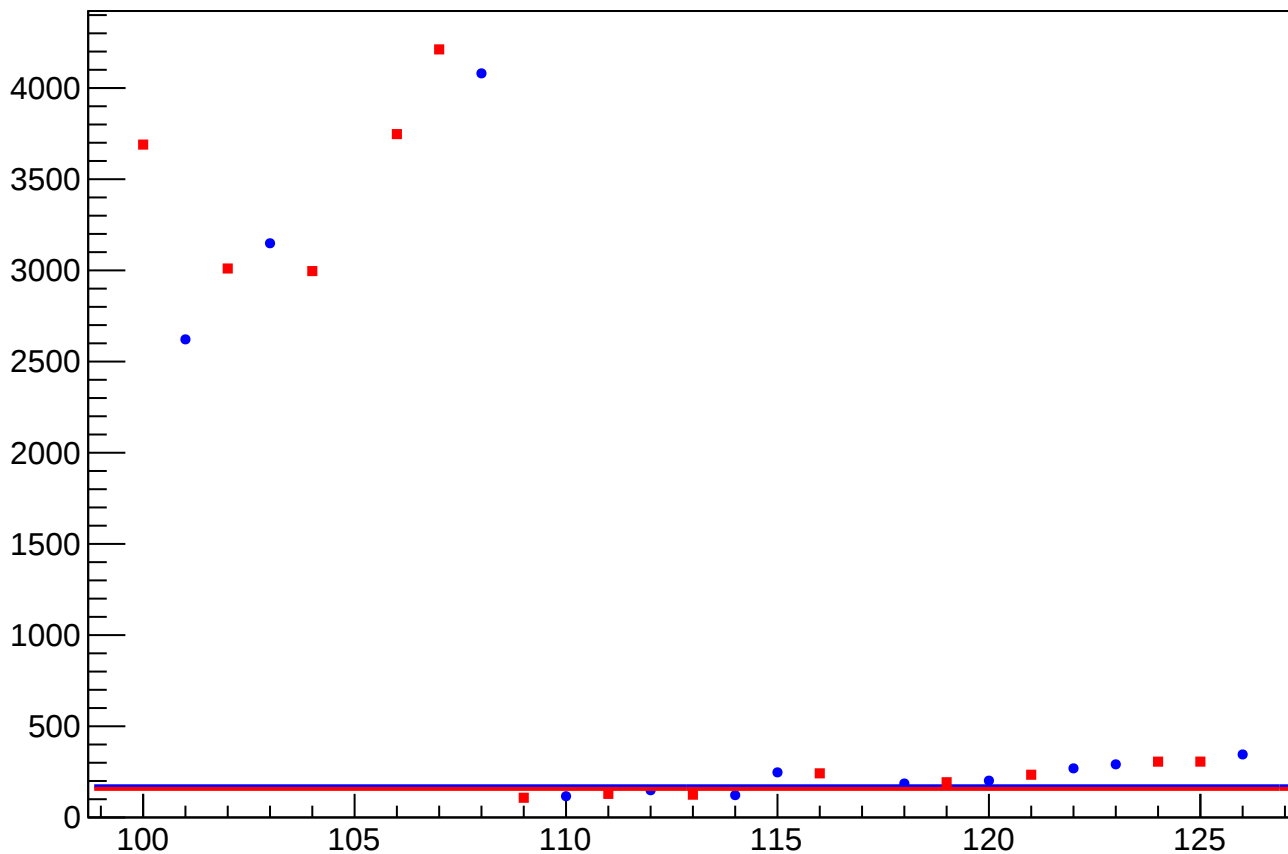
Right: 90.989+/-73.025 χ^2/NDF : 17.0/24

In: 114.939+/-109.072 χ^2/NDF : 7.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.989+/-73.025 χ^2/NDF : 17.0/24

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 170.945+/-0.077 χ^2/NDF : 3277483.1/11

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

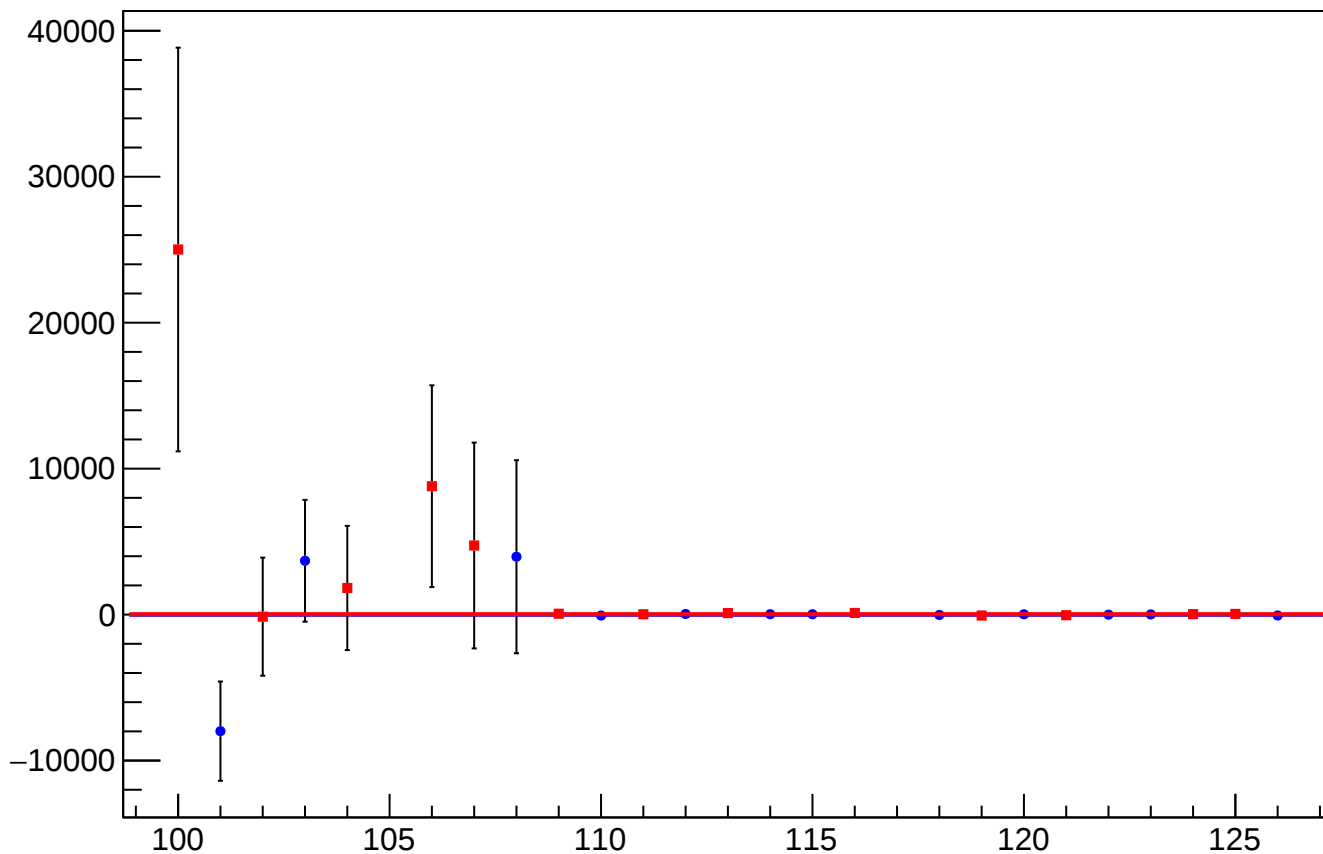
Right: 163.084+/-0.052 χ^2/NDF : 7074199.8/24

In: 170.945+/-0.077 χ^2/NDF :3277483.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 163.084+/-0.052 χ^2/NDF : 7074199.8/24

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -9.652+/-16.772 χ^2/NDF : 12.1/11

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

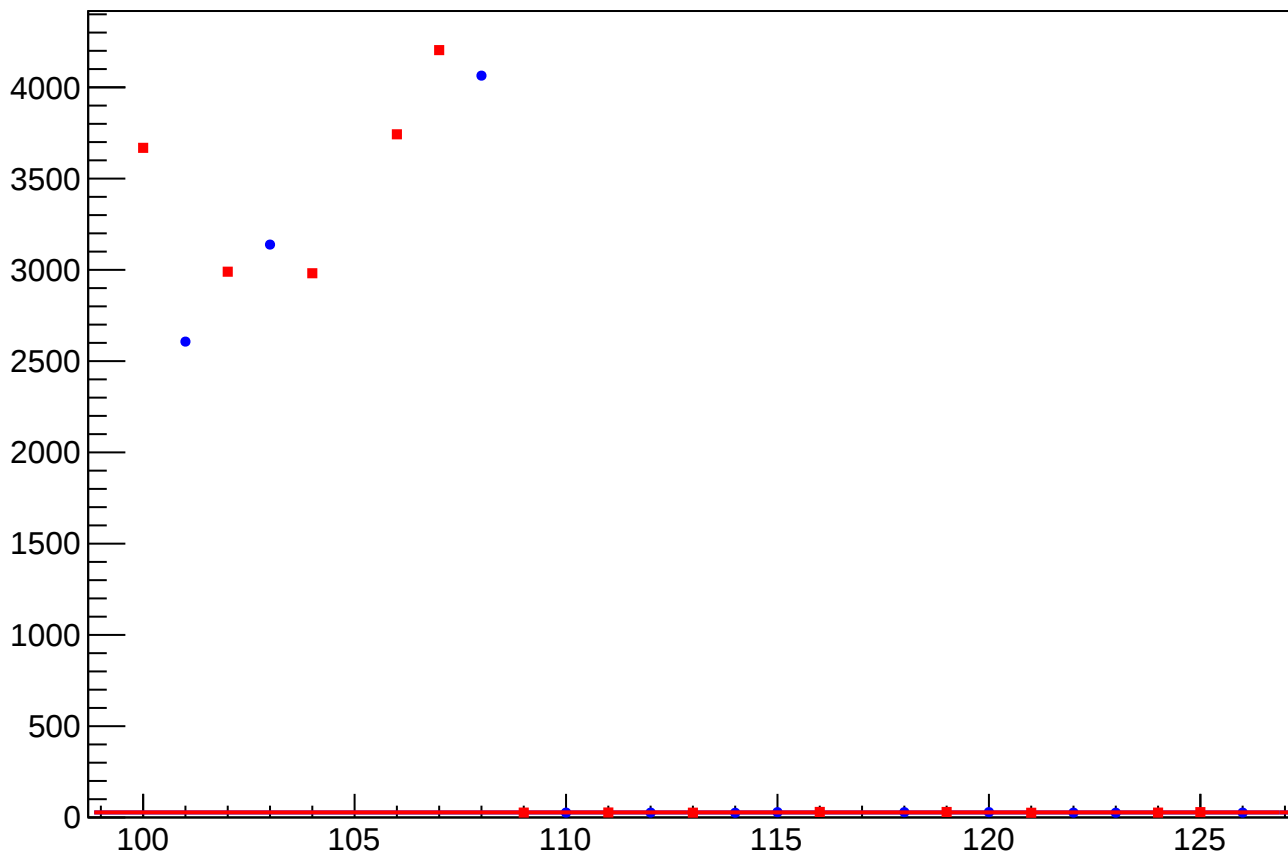
Right: 9.529+/-11.795 χ^2/NDF : 34.2/24

In: -9.652+/-16.772 χ^2/NDF : 12.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.529+/-11.795 χ^2/NDF : 34.2/24

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.433+/-0.012 χ^2/NDF : 3017743.2/11

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

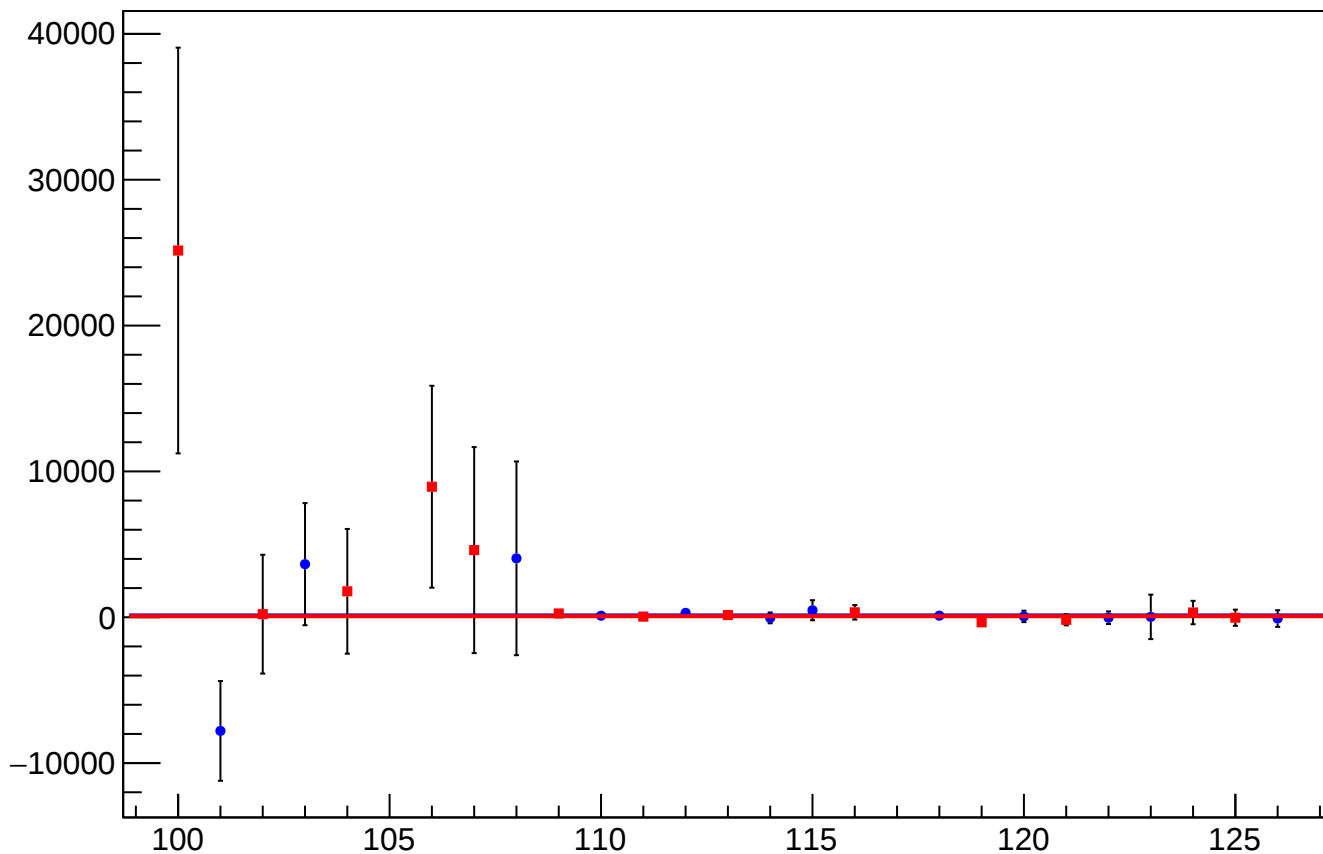
Right: 27.564+/-0.008 χ^2/NDF : 6493505.5/24

In: 27.433+/-0.012 χ^2/NDF : 3017743.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.564+/-0.008 χ^2/NDF : 6493505.5/24

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 126.462 $\pm$ 108.636 χ^2 /NDF: 7.9/11

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

Right Out: 69.858 $\pm$ 97.882 χ^2 /NDF: 9.7/12

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

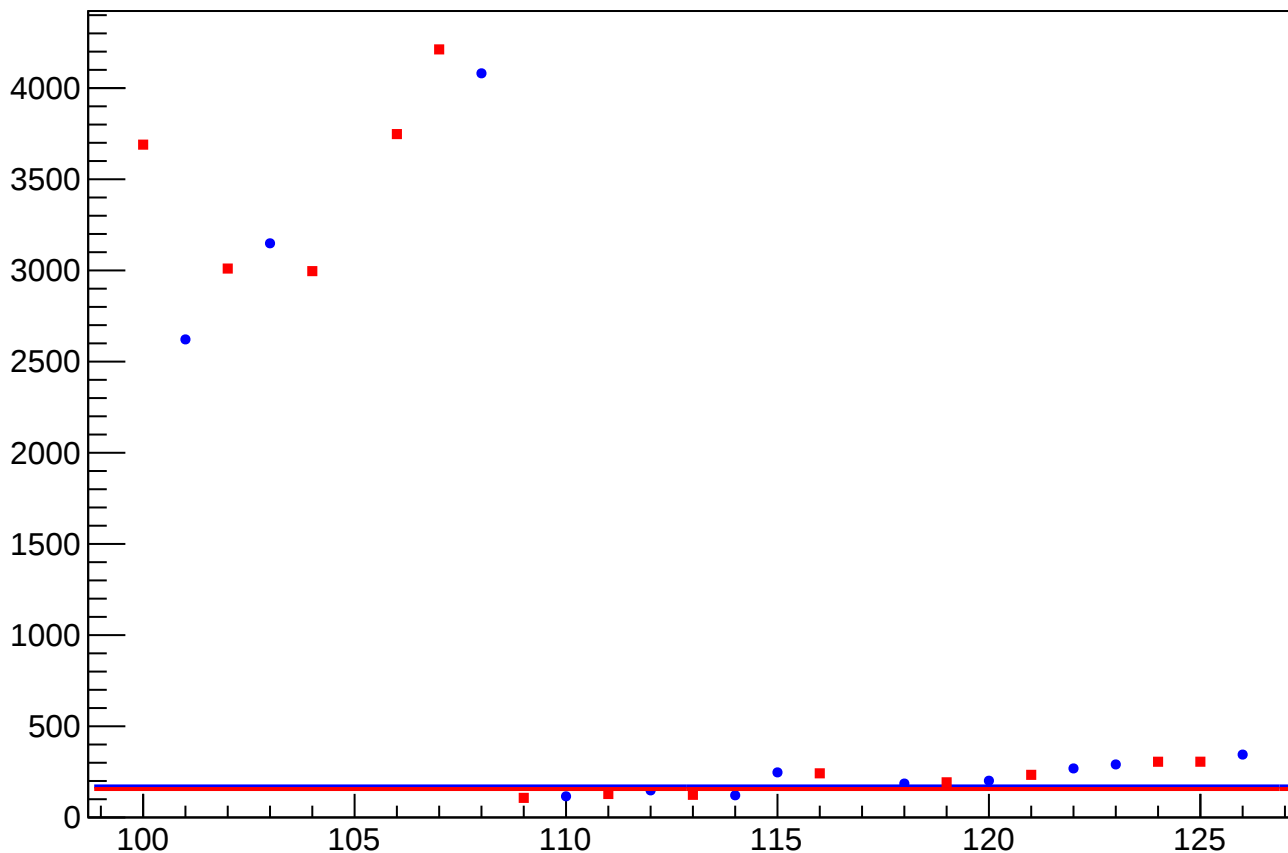
Right: 95.221 $\pm$ 72.719 χ^2 /NDF: 17.7/24

In: 126.462 $\pm$ 108.636 χ^2 /NDF:7.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 95.221 $\pm$ 72.719 χ^2 /NDF: 17.7/24

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 170.151+/-0.077 χ^2/NDF : 3283886.3/11

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

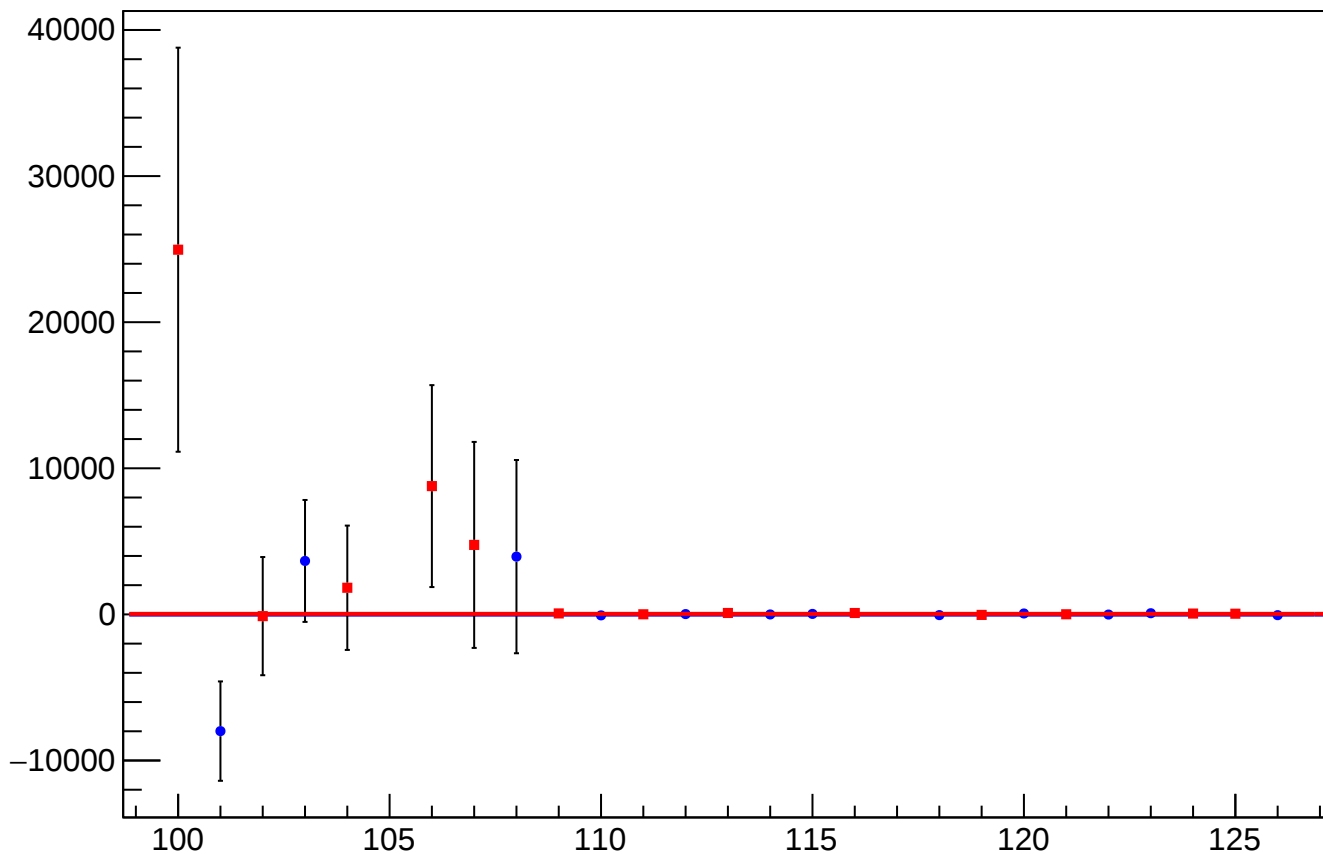
Right: 162.286+/-0.051 χ^2/NDF : 7087781.9/24

In: 170.151+/-0.077 χ^2/NDF :3283886.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 162.286+/-0.051 χ^2/NDF : 7087781.9/24

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -14.801 $\pm$ 16.880 χ^2 /NDF: 13.0/11

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

Right Out: 37.266 $\pm$ 16.722 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

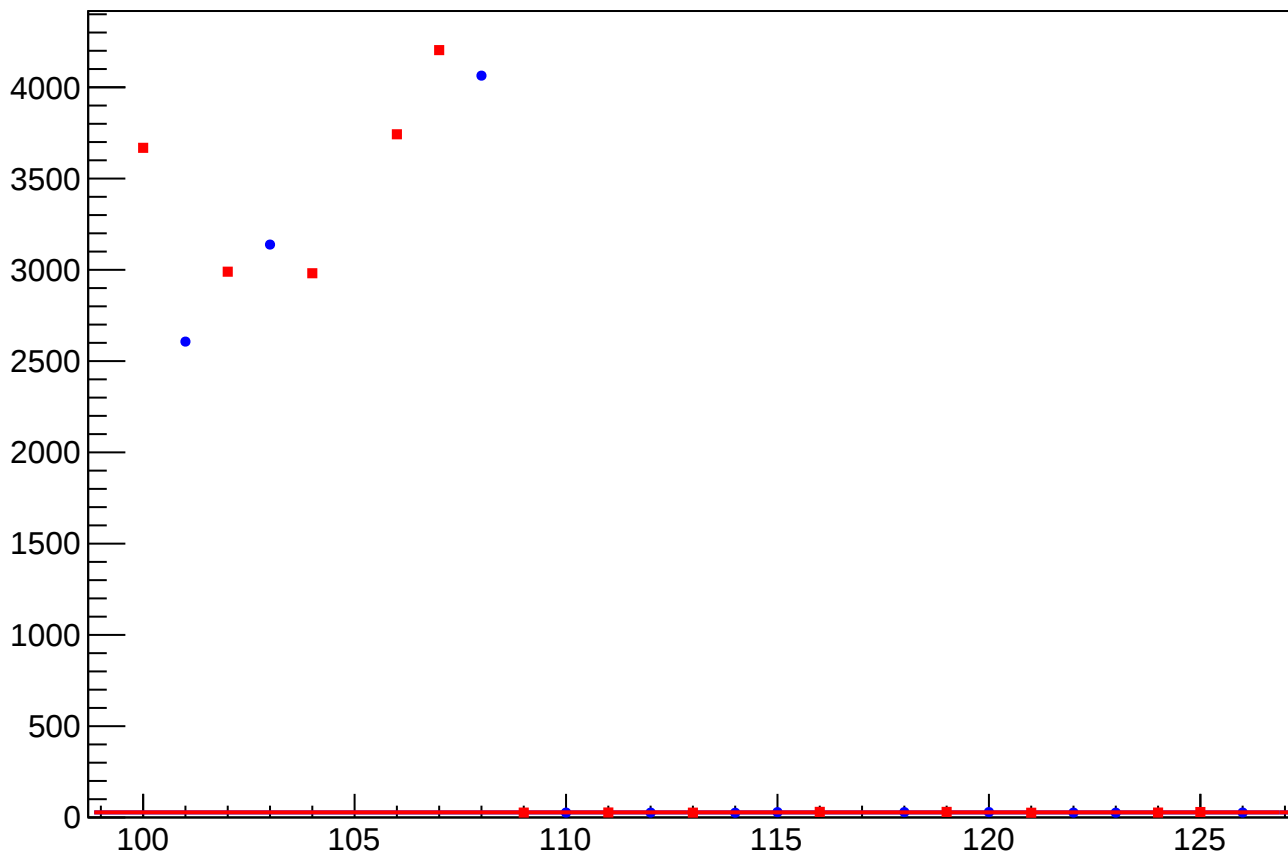
Right: 11.477 $\pm$ 11.880 χ^2 /NDF: 30.8/24

In: -14.801 $\pm$ 16.880 χ^2 /NDF:13.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 11.477 $\pm$ 11.880 χ^2 /NDF: 30.8/24

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.607+/-0.012 χ^2/NDF : 3018090.5/11

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

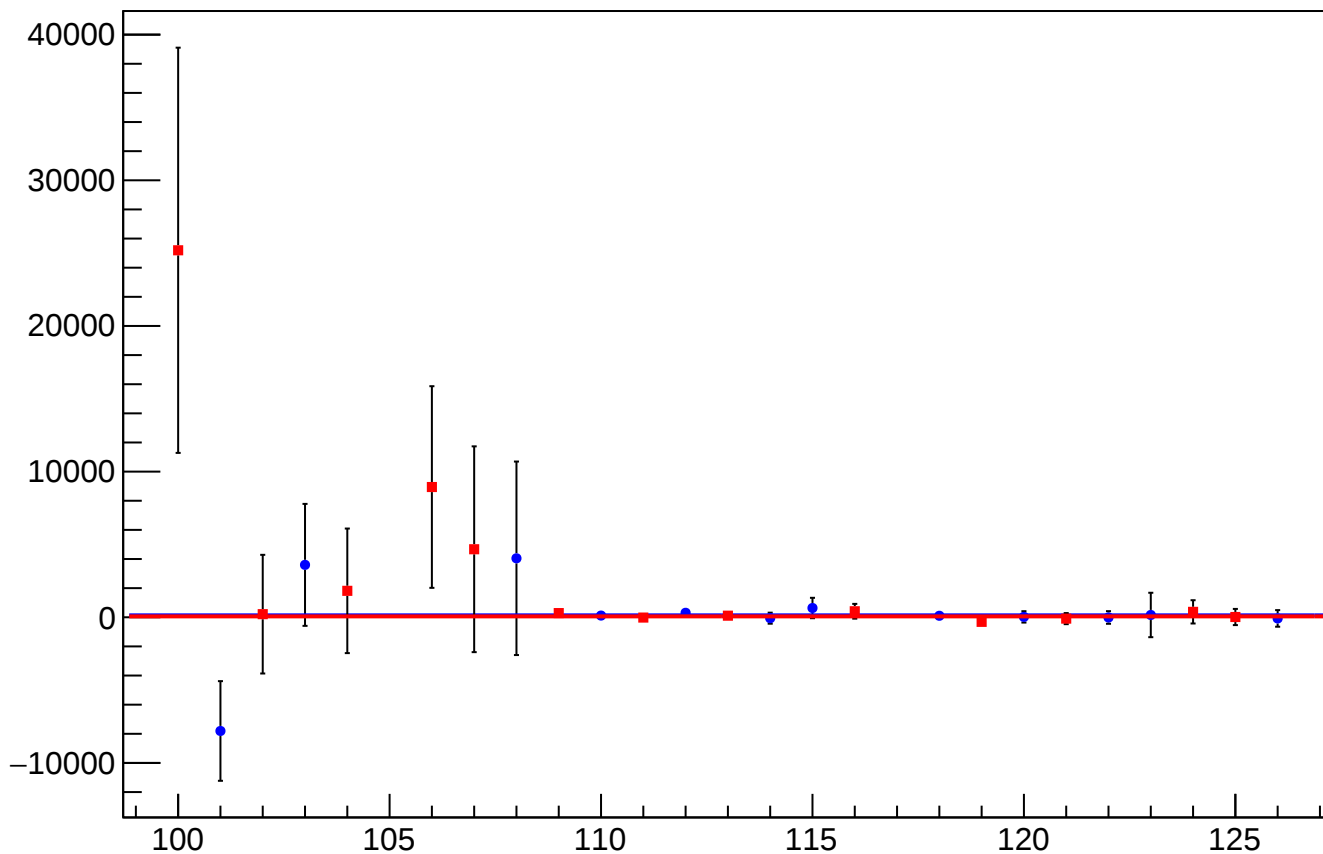
Right: 27.755+/-0.008 χ^2/NDF : 6496678.6/24

In: 27.607+/-0.012 χ^2/NDF : 3018090.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.755+/-0.008 χ^2/NDF : 6496678.6/24

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 132.130+/-110.125 χ^2/NDF : 8.2/11

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

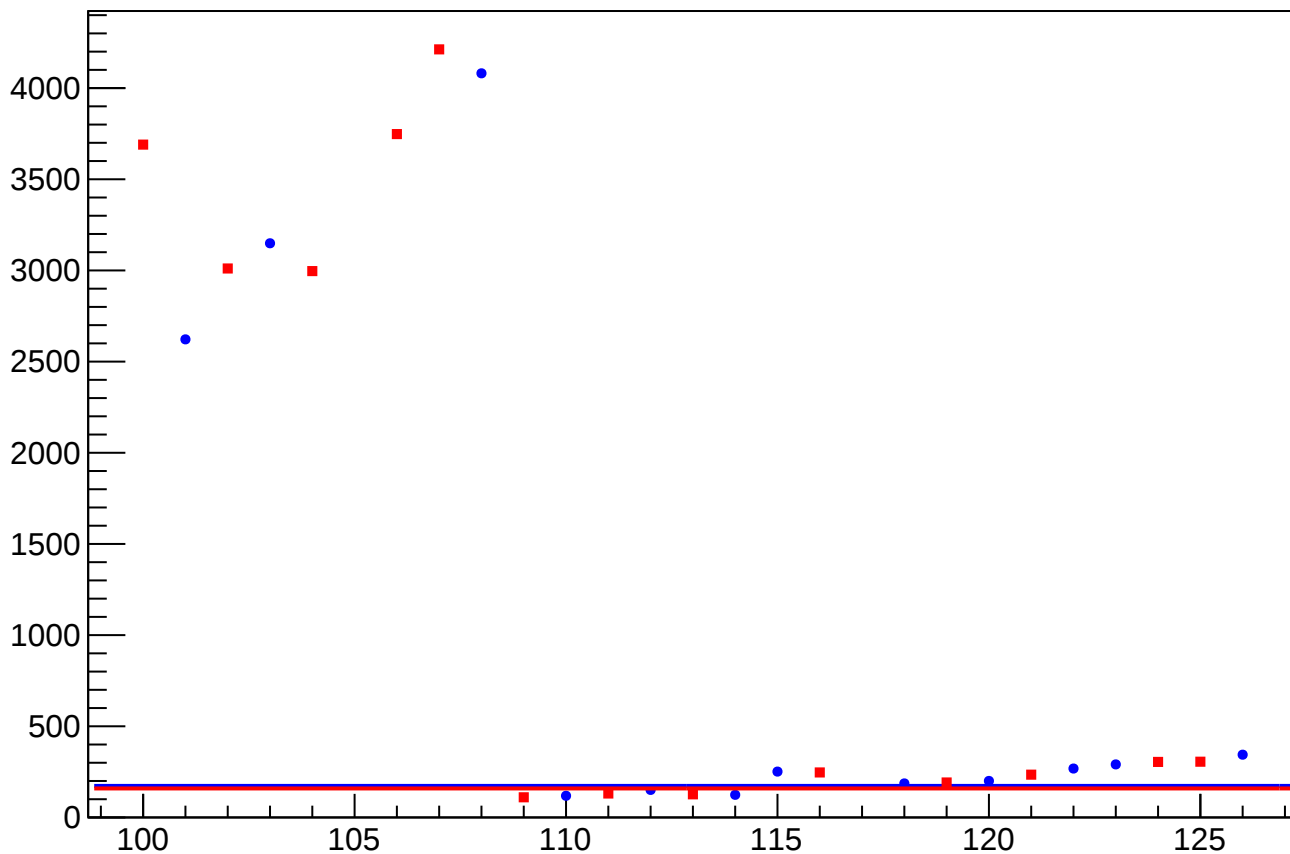
Right: 93.147+/-73.814 χ^2/NDF : 17.9/24

In: 132.130+/-110.125 χ^2/NDF : 8.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.147+/-73.814 χ^2/NDF : 17.9/24

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 173.003+/-0.078 χ^2/NDF : 3250965.1/11

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

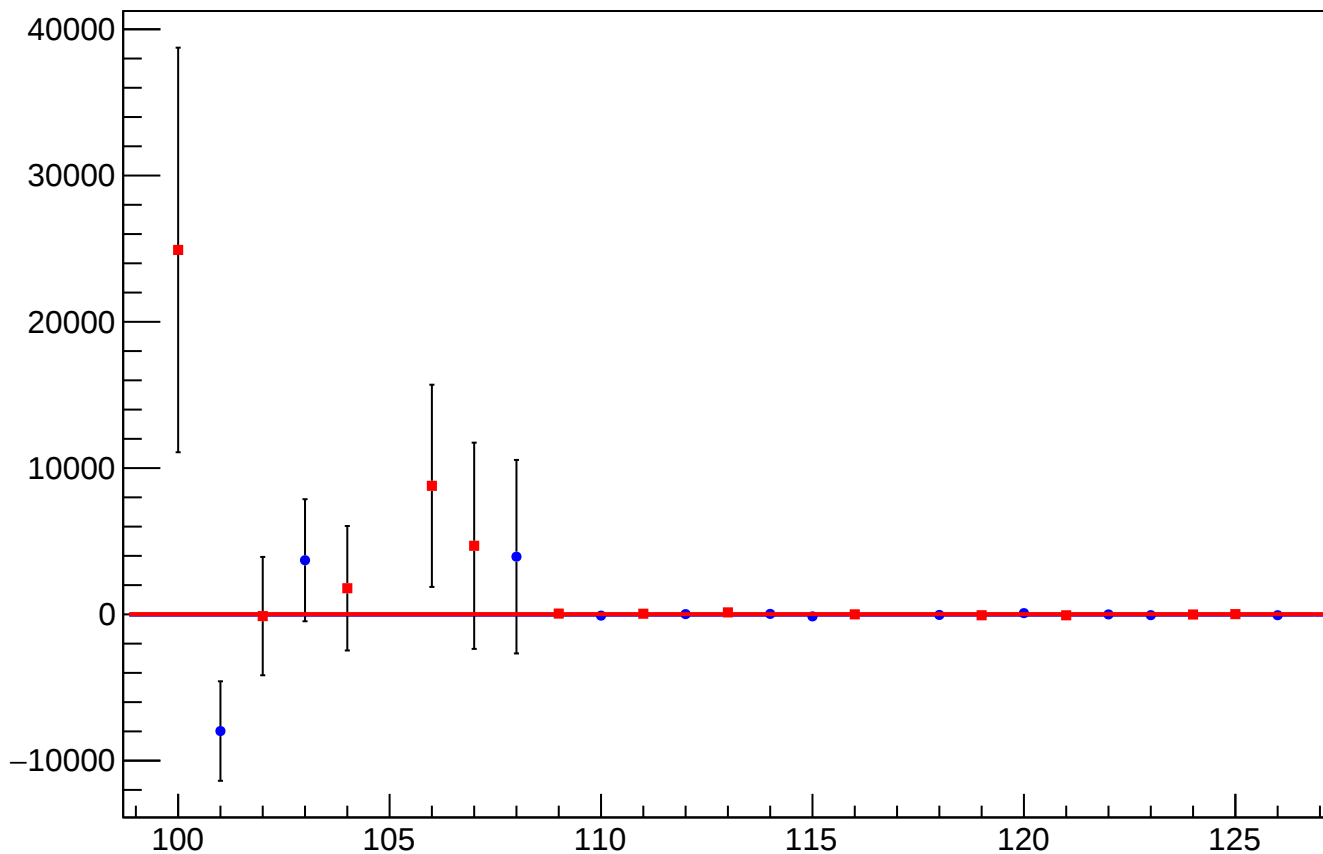
Right: 165.312+/-0.052 χ^2/NDF : 7019033.8/24

In: 173.003+/-0.078 χ^2/NDF : 3250965.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.312+/-0.052 χ^2/NDF : 7019033.8/24

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -22.615 $\pm$ 20.593 χ^2 /NDF: 13.6/11

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

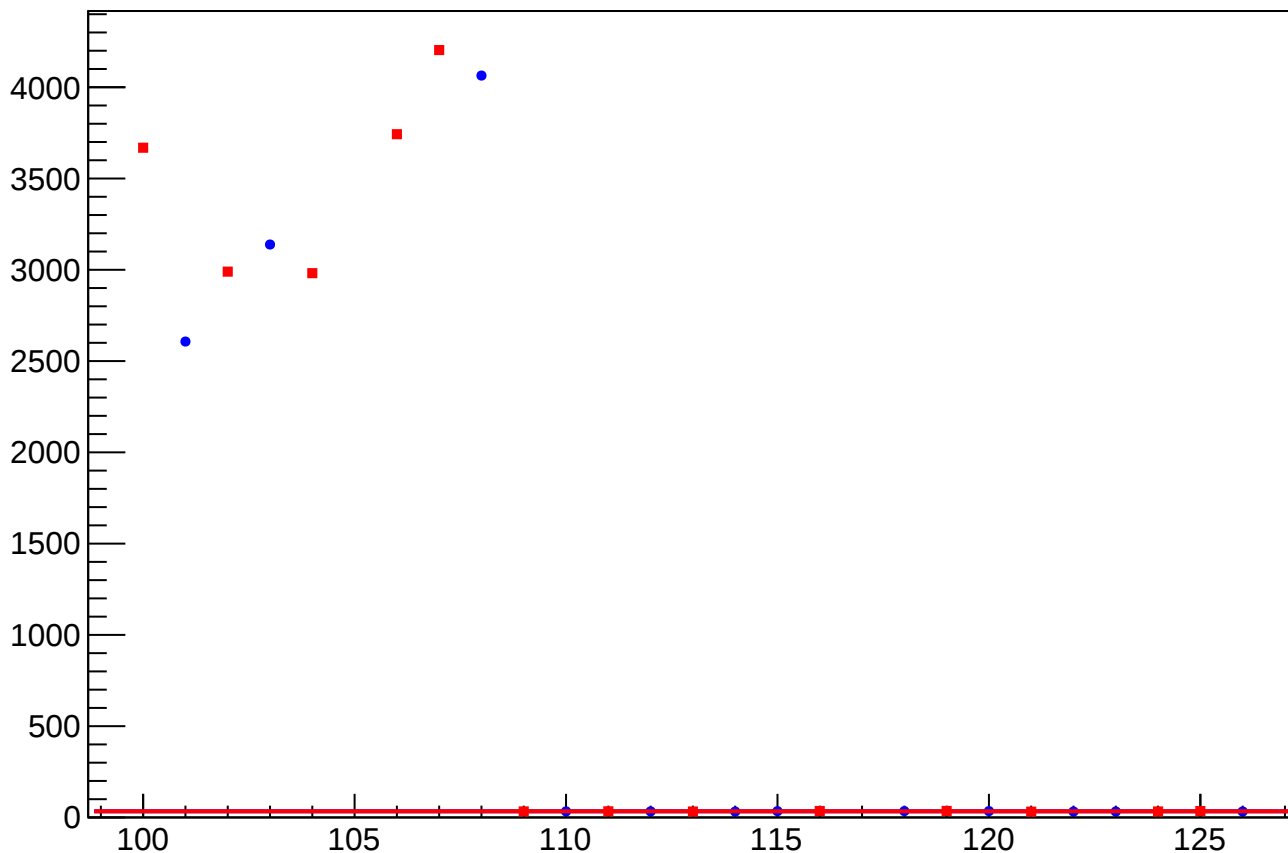
Right: -1.983 $\pm$ 14.440 χ^2 /NDF: 32.8/24

In: -22.615 $\pm$ 20.593 χ^2 /NDF:13.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.983 $\pm$ 14.440 χ^2 /NDF: 32.8/24

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 33.701+/-0.015 χ^2/NDF : 2999161.1/11

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

Right Out: 33.897+/-0.014 χ^2/NDF : 3450821.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

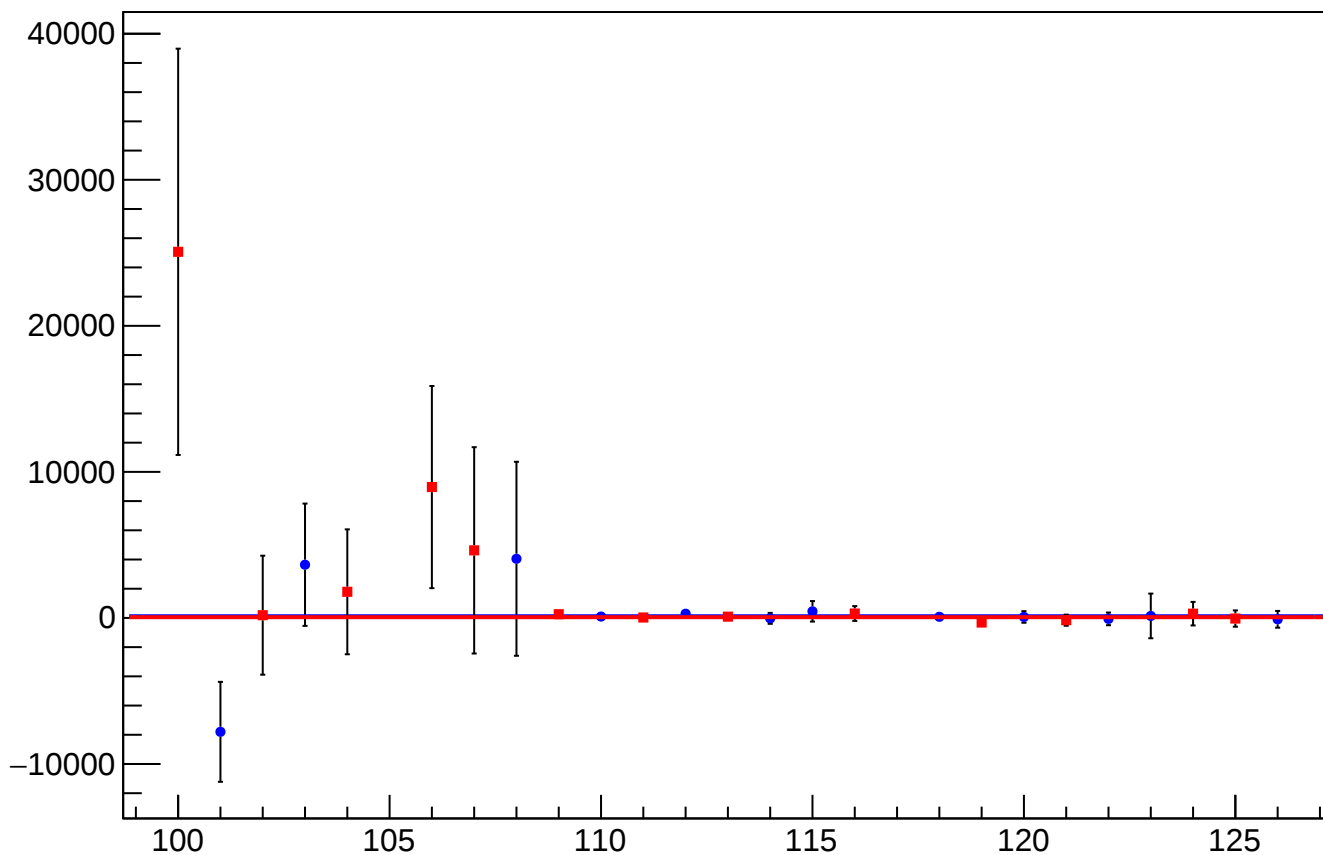
Right: 33.801+/-0.010 χ^2/NDF : 6450074.9/24

In: 33.701+/-0.015 χ^2/NDF : 2999161.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.801+/-0.010 χ^2/NDF : 6450074.9/24

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 115.024+/-109.493 χ^2/NDF : 7.8/11

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

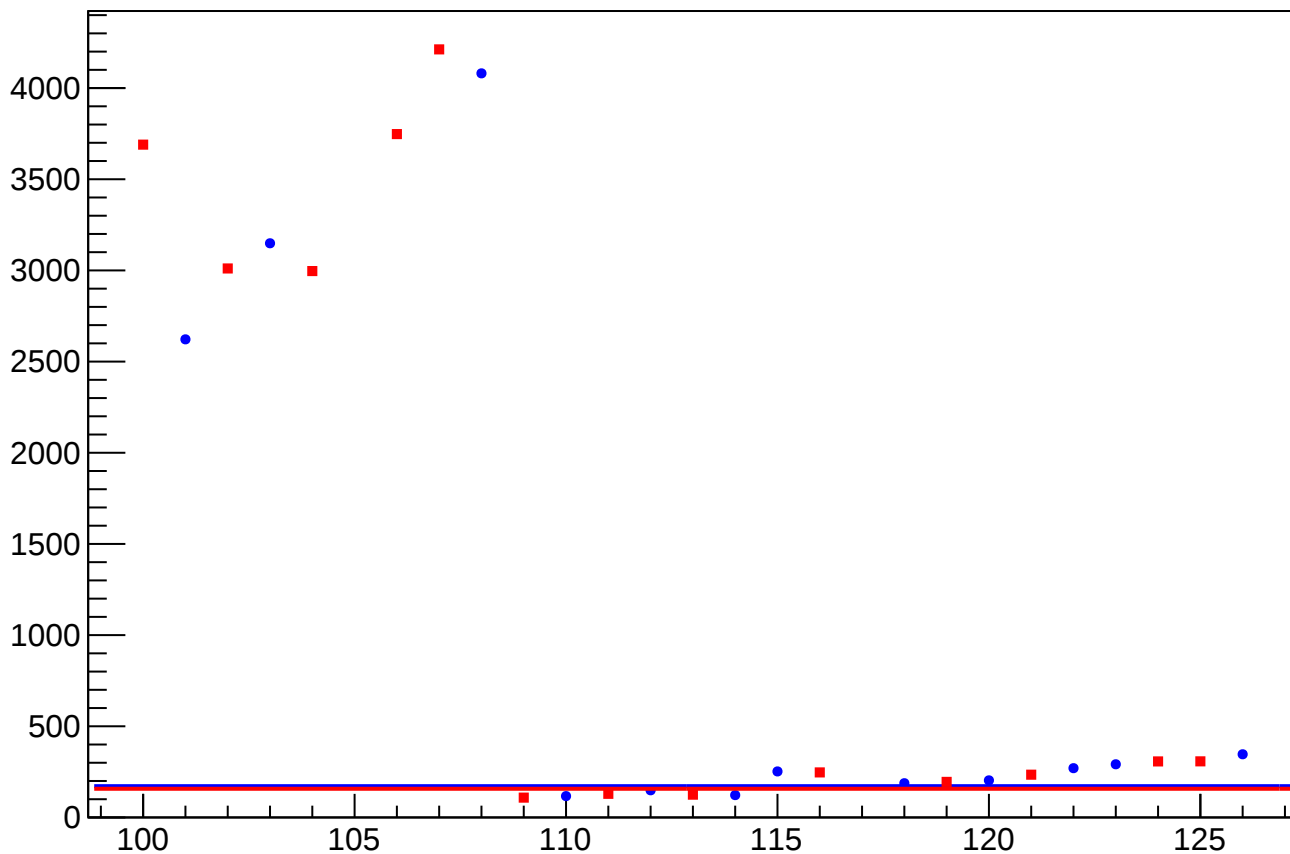
Right: 79.634+/-73.317 χ^2/NDF : 16.9/24

In: 115.024+/-109.493 χ^2/NDF : 7.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.634+/-73.317 χ^2/NDF : 16.9/24

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 171.579+/-0.077 χ^2/NDF : 3280326.5/11

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

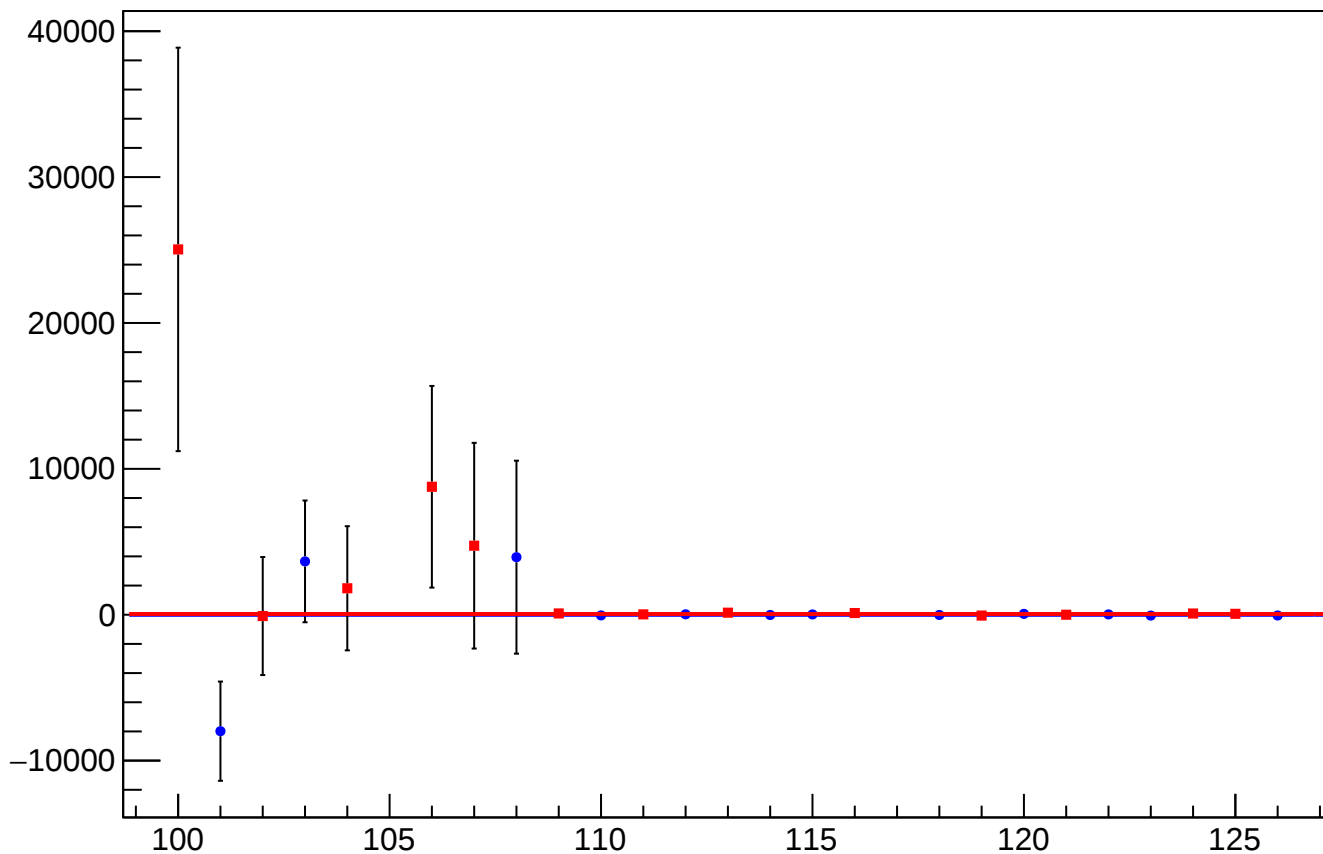
Right: 163.711+/-0.052 χ^2/NDF : 7081661.0/24

In: 171.579+/-0.077 χ^2/NDF : 3280326.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.711+/-0.052 χ^2/NDF : 7081661.0/24

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -2.728+/-18.838 χ^2/NDF : 10.5/11

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

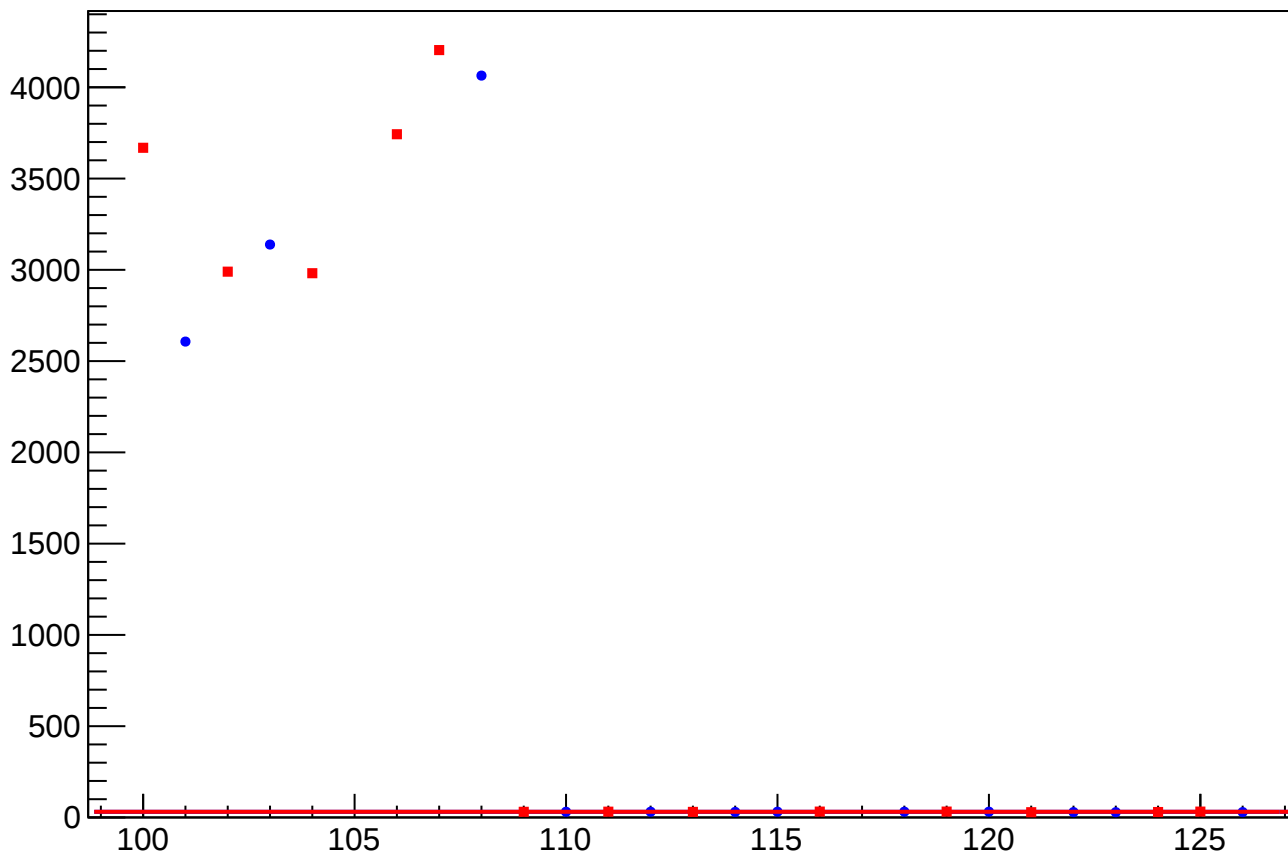
Right: 22.873+/-13.243 χ^2/NDF : 32.6/24

In: -2.728+/-18.838 χ^2/NDF : 10.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.873+/-13.243 χ^2/NDF : 32.6/24

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 30.852+/-0.013 χ^2/NDF : 3005933.0/11

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

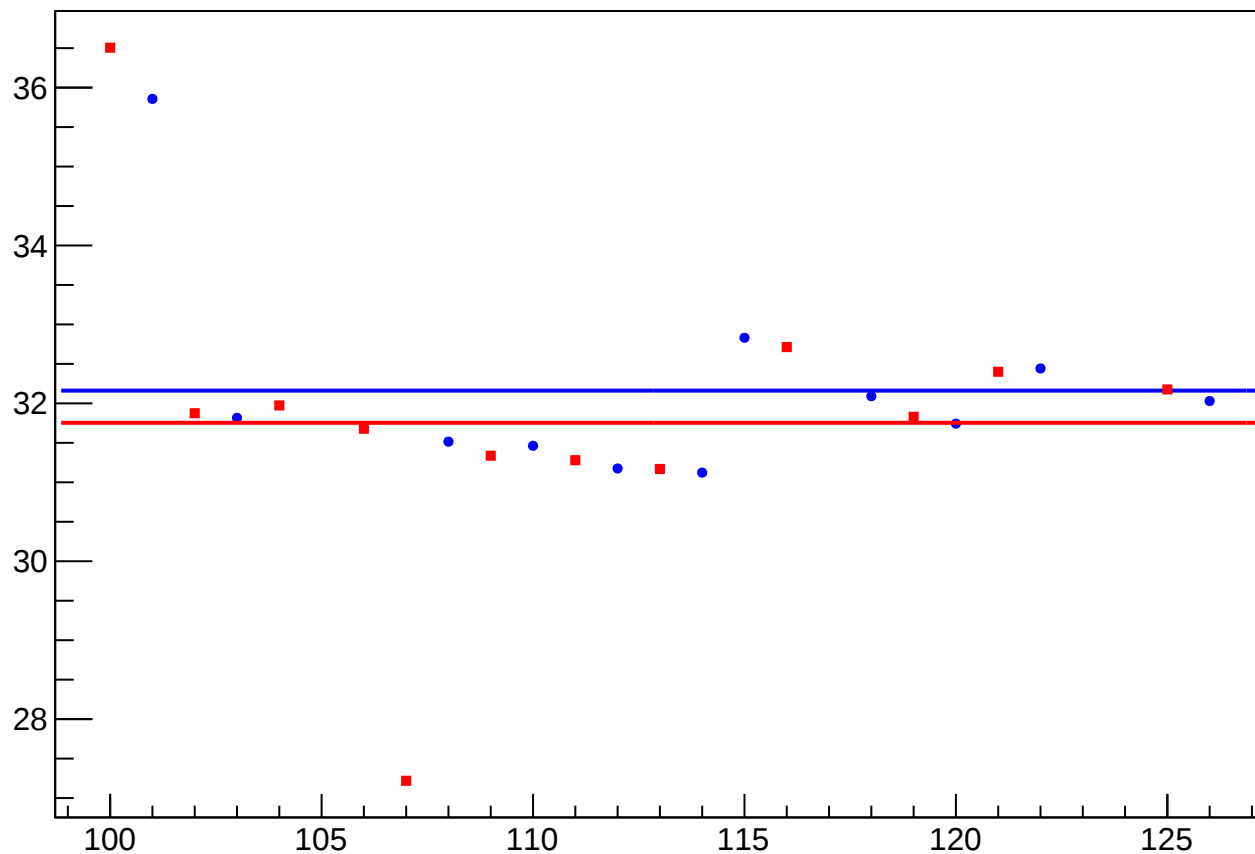
Right: 30.999+/-0.009 χ^2/NDF : 6462195.0/24

In: 30.852+/-0.013 χ^2/NDF : 3005933.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.999+/-0.009 χ^2/NDF : 6462195.0/24

yield_usl_mean vs Slug, Sign Corrected



Right In: 32.161+/-0.000 χ^2/NDF : 990665440.7/10

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

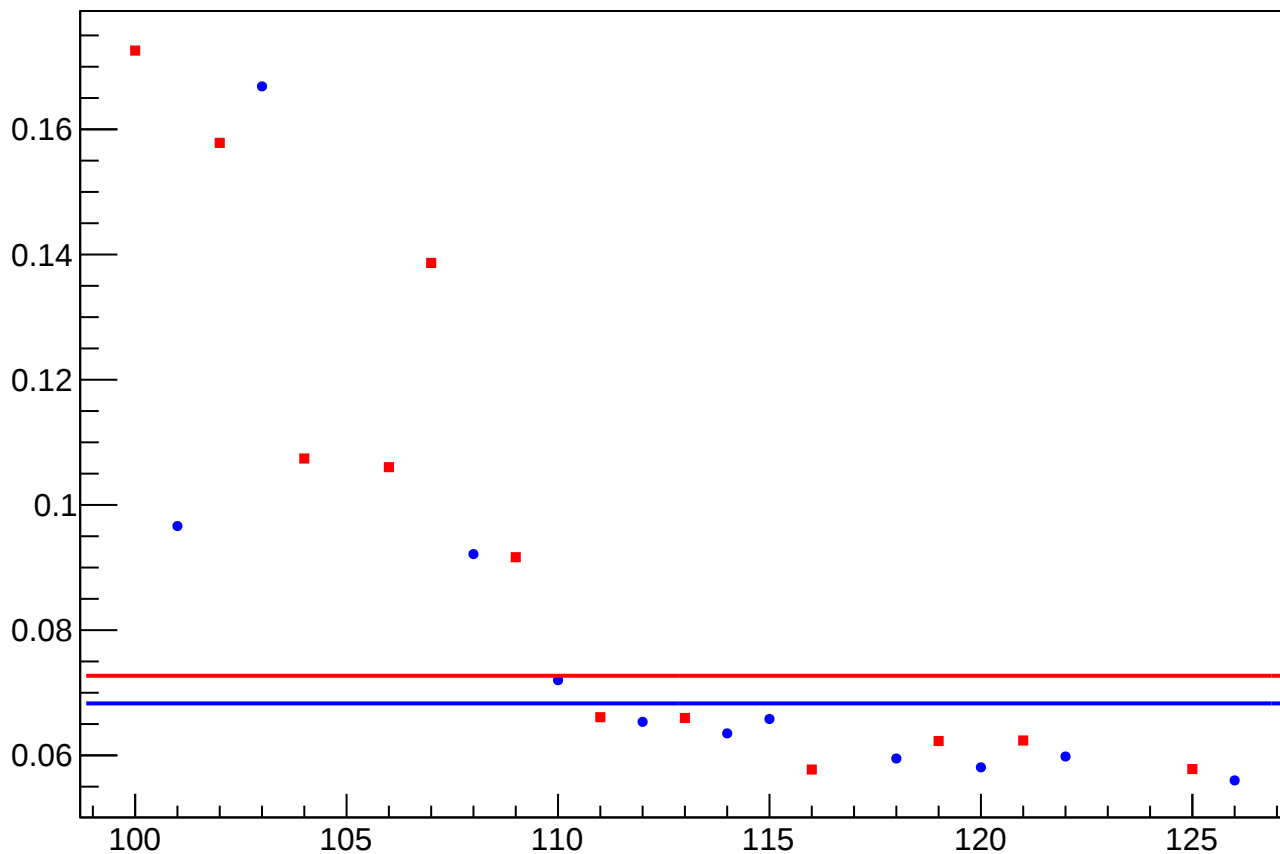
Right: 31.962+/-0.000 χ^2/NDF : 1619209626.6/22

In: 32.161+/-0.000 χ^2/NDF : 990665440.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.962+/-0.000 χ^2/NDF : 1619209626.6/22

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.068+/-0.000 χ^2/NDF : 606181.7/10

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

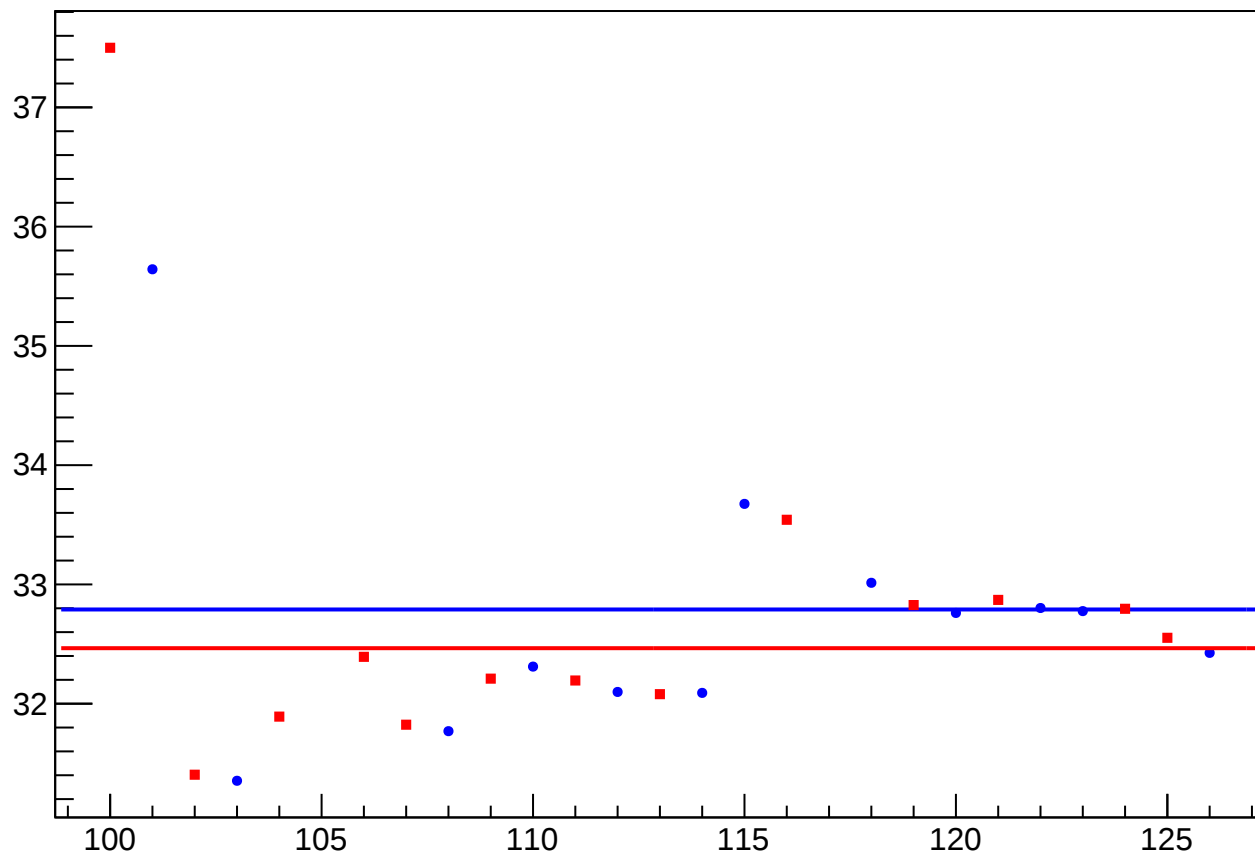
Right: 0.070+/-0.000 χ^2/NDF : 1406635.5/22

In: 0.068+/-0.000 χ^2/NDF : 606181.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.070+/-0.000 χ^2/NDF : 1406635.5/22

yield_usr_mean vs Slug, Sign Corrected



Right In: 32.790+/-0.000 χ^2/NDF : 463777397.4/11

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

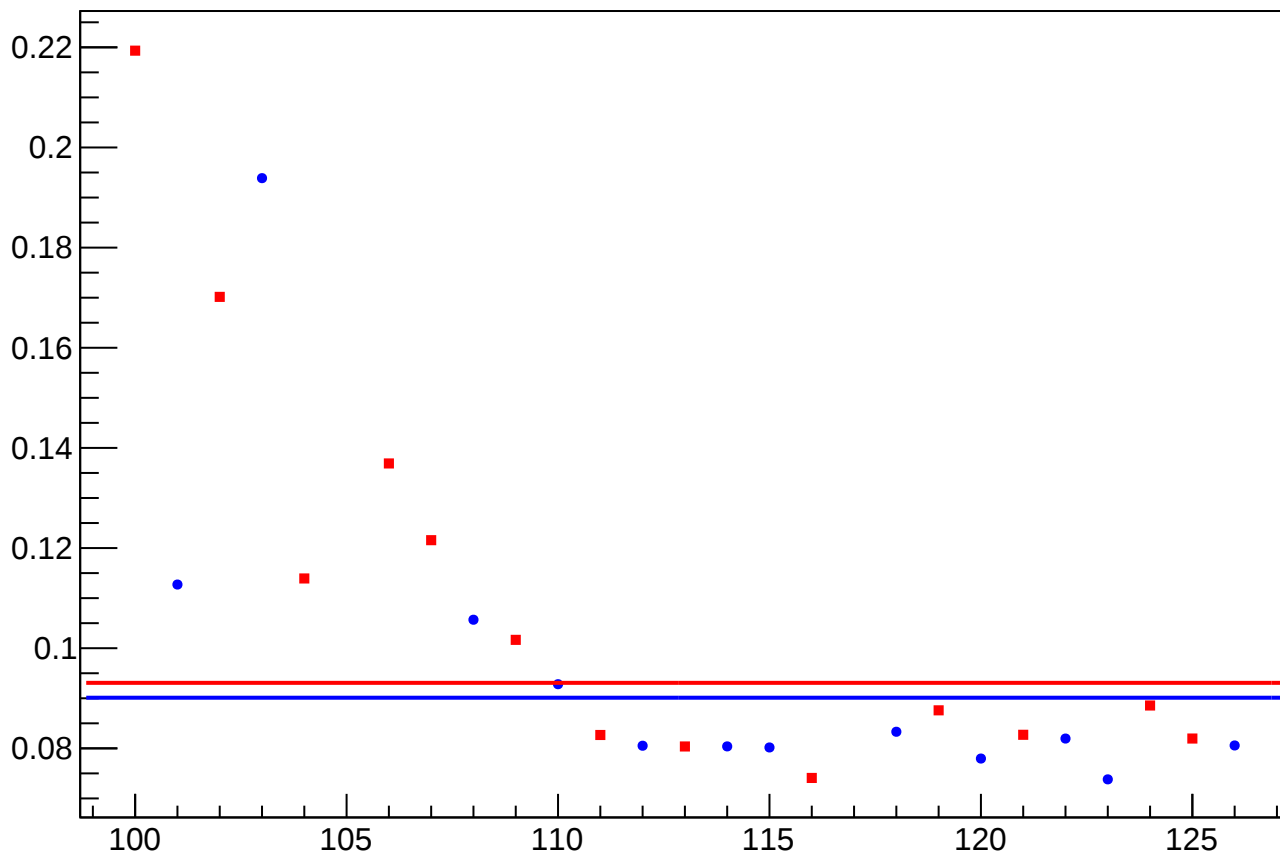
Right: 32.623+/-0.000 χ^2/NDF : 643253474.0/24

In: 32.790+/-0.000 χ^2/NDF : 463777397.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.623+/-0.000 χ^2/NDF : 643253474.0/24

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.090+/-0.000 χ^2/NDF : 428073.4/11

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

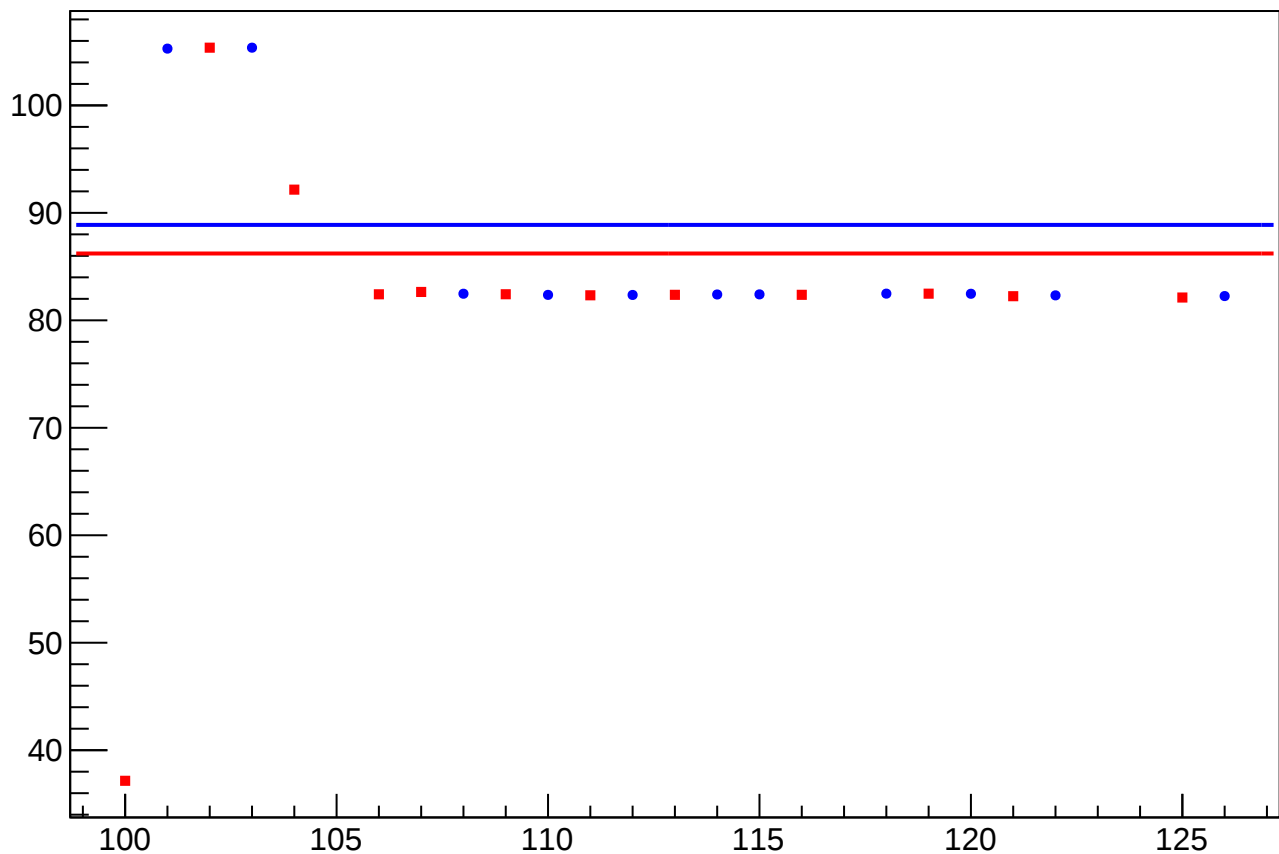
Right: 0.092+/-0.000 χ^2/NDF : 886993.9/24

In: 0.090+/-0.000 χ^2/NDF : 428073.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

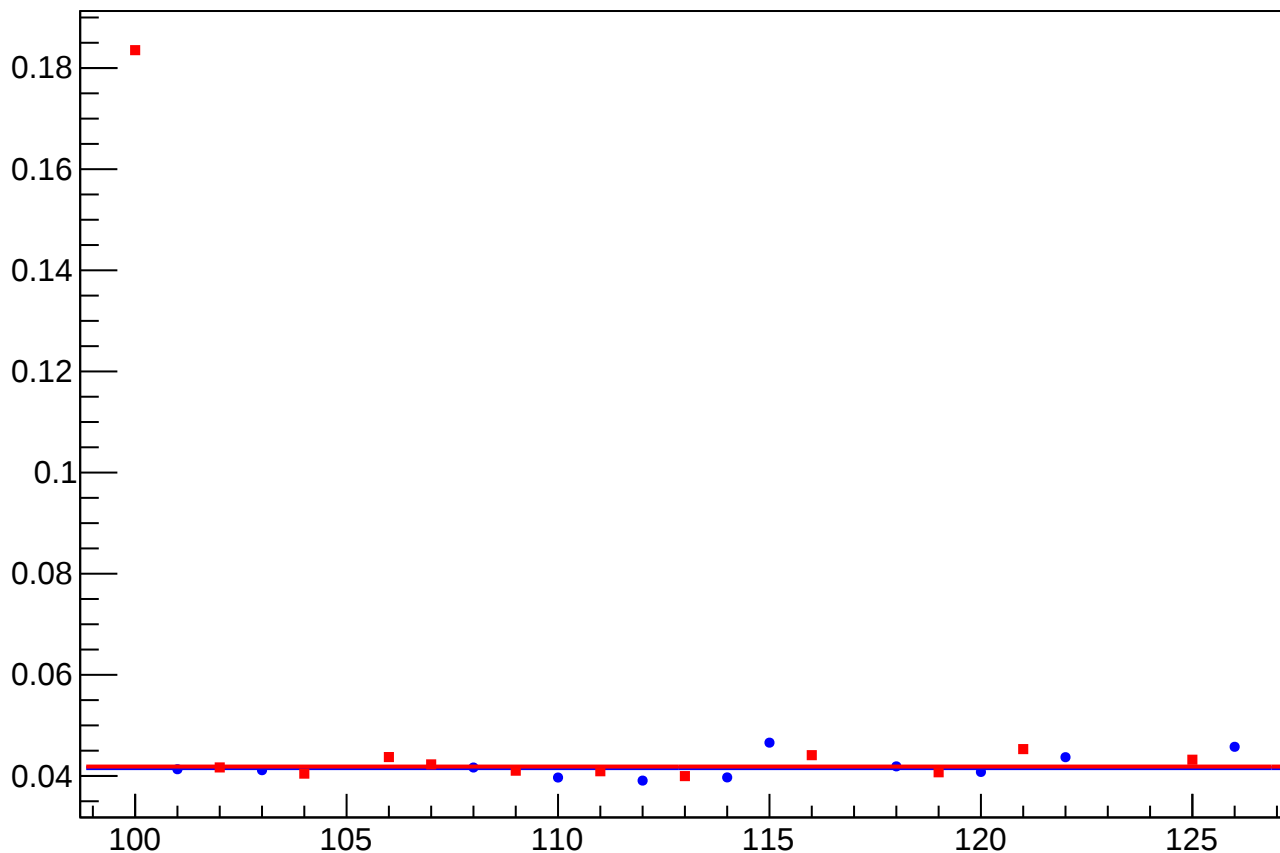
All: 0.092+/-0.000 χ^2/NDF : 886993.9/24

yield_dsl_mean vs Slug, Sign Corrected



Right In: 88.880+/-0.000 χ^2/NDF : 253586417977.4/10
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
All: 87.489+/-0.000 χ^2/NDF : 421394816131.7/22

yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.042+/-0.000 χ^2/NDF : 17744.3/10

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

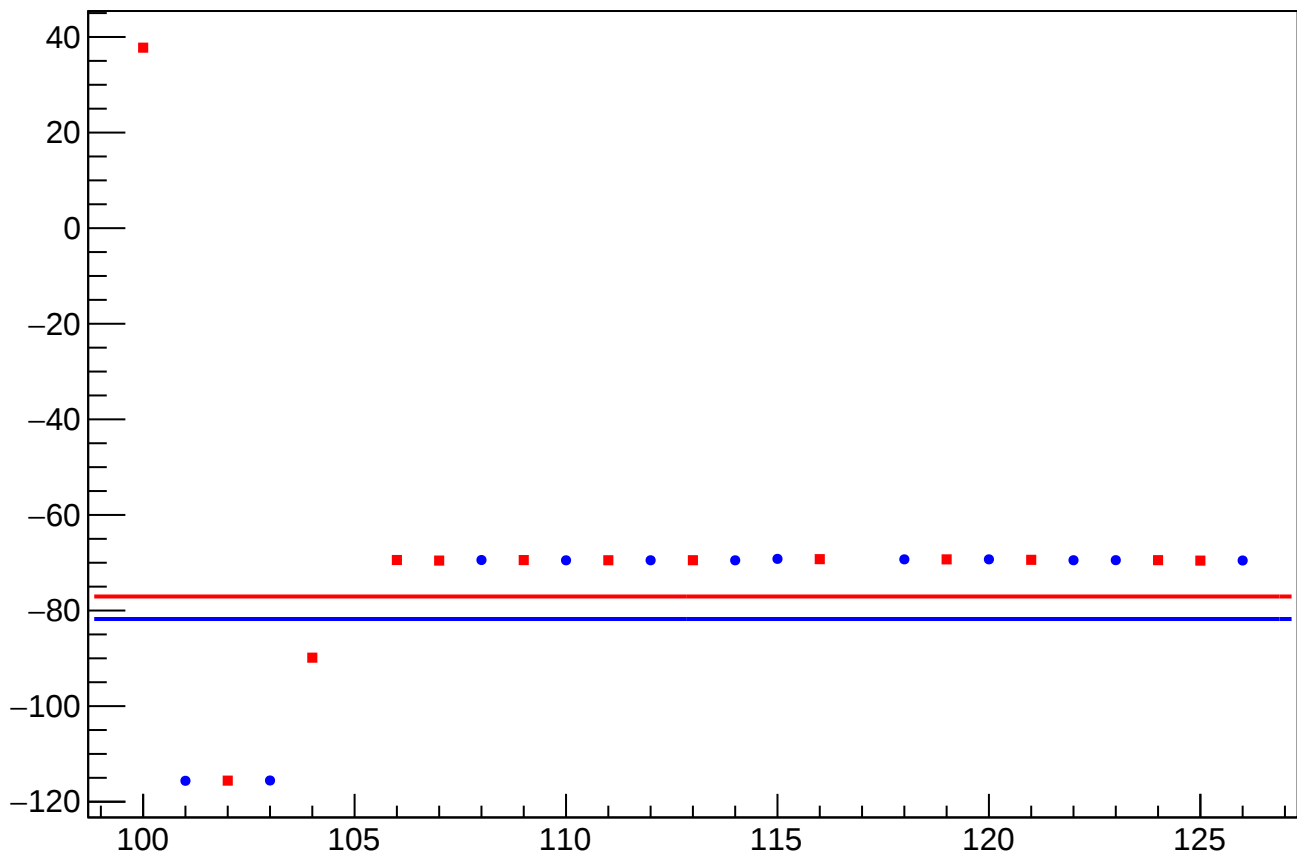
Right: 0.042+/-0.000 χ^2/NDF : 113389.2/22

In: 0.042+/-0.000 χ^2/NDF : 17744.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

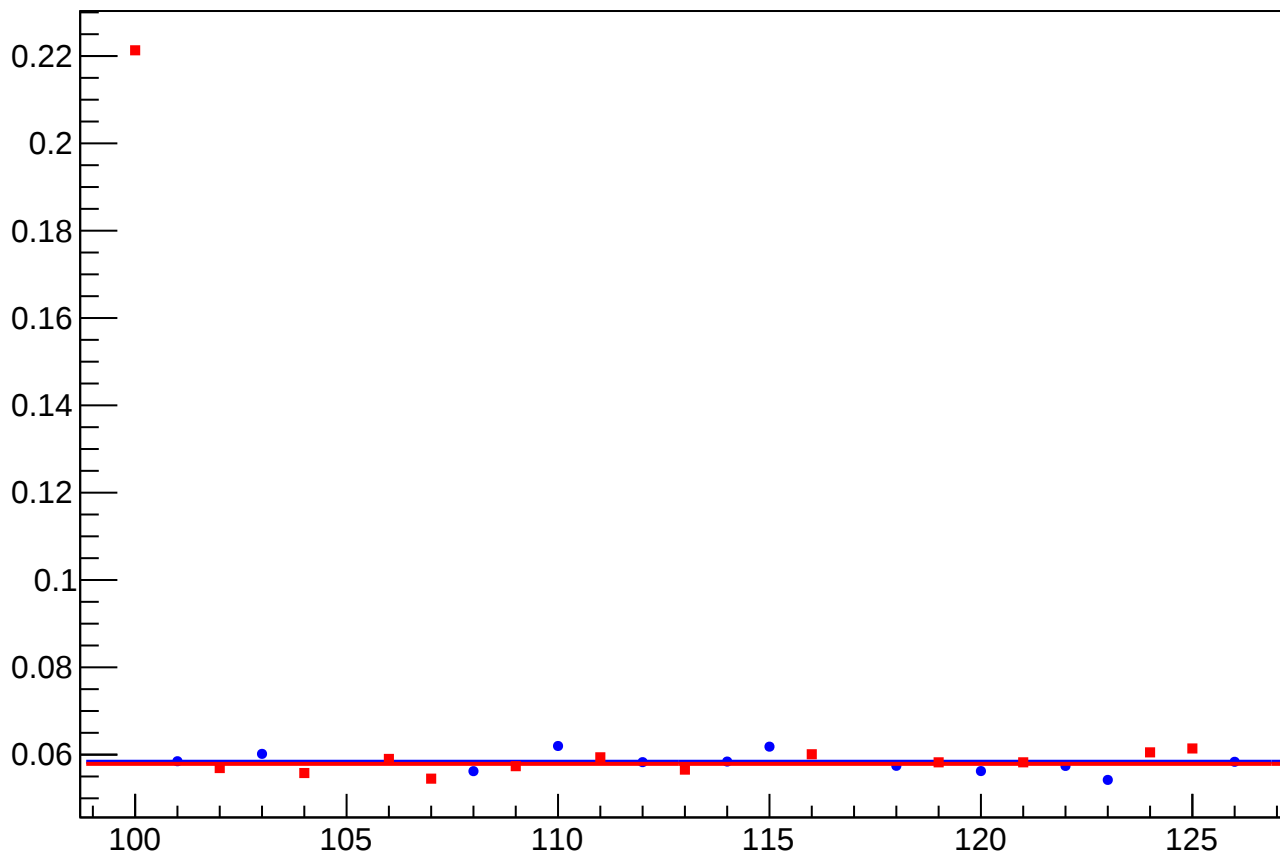
All: 0.042+/-0.000 χ^2/NDF : 113389.2/22

yield_dsr_mean vs Slug, Sign Corrected



Right In: -81.771+/-0.000 χ^2/NDF : 496331858012.0/11
 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
 All: -79.249+/-0.000 χ^2/NDF : 855988196410.7/2

yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.058+/-0.000 χ^2/NDF : 6806.5/11

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

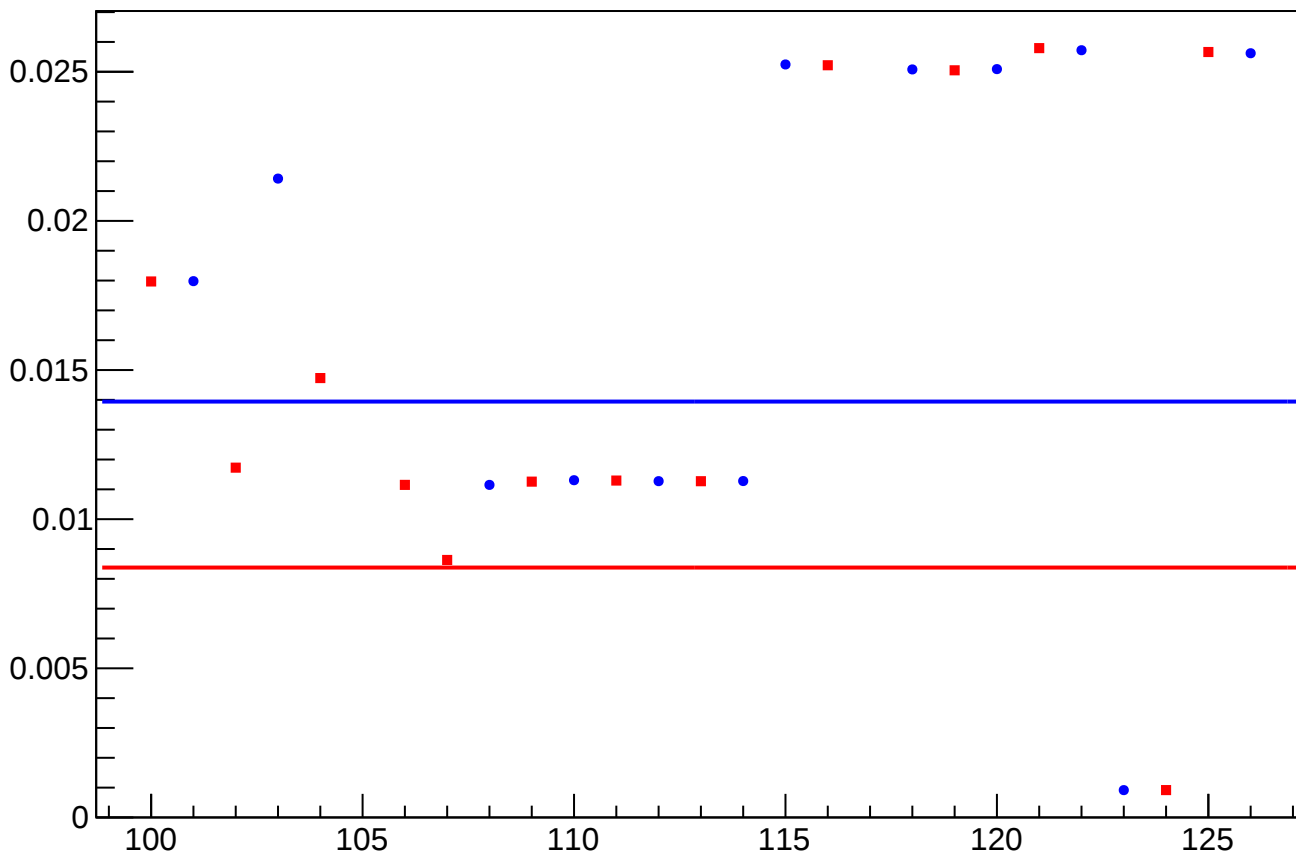
Right: 0.058+/-0.000 χ^2/NDF : 89582.7/24

In: 0.058+/-0.000 χ^2/NDF : 6806.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.058+/-0.000 χ^2/NDF : 89582.7/24

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.000

χ^2/NDF : 87016525240.4/11

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.011+/-0.000 χ^2/NDF : 248825323720.2/24

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.014+/-0.000 χ^2/NDF : 87016525240.4/11

Right Out: 0.008+/-0.000 χ^2/NDF : 138539249508.2/12

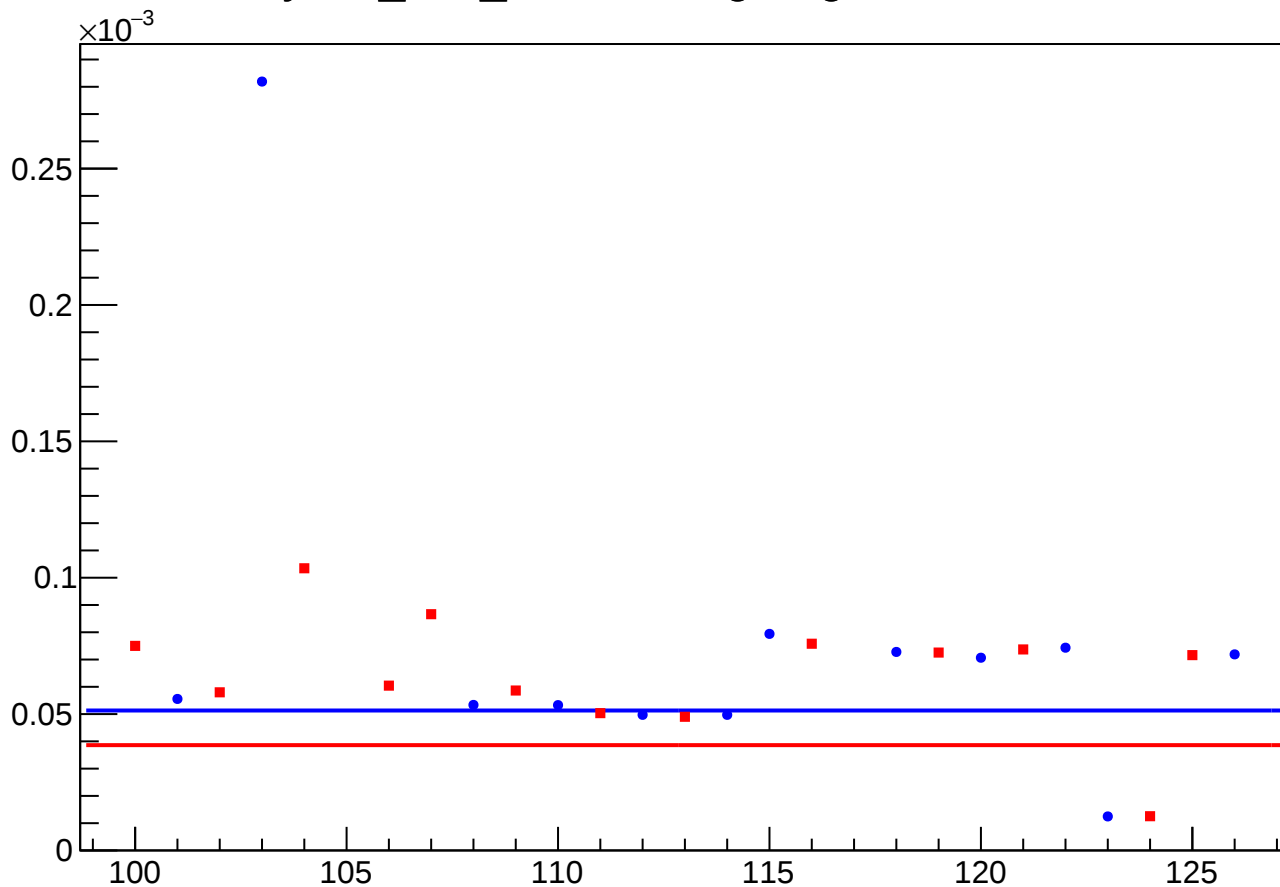
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 248825323720.2

yield_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1695810.3/11

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

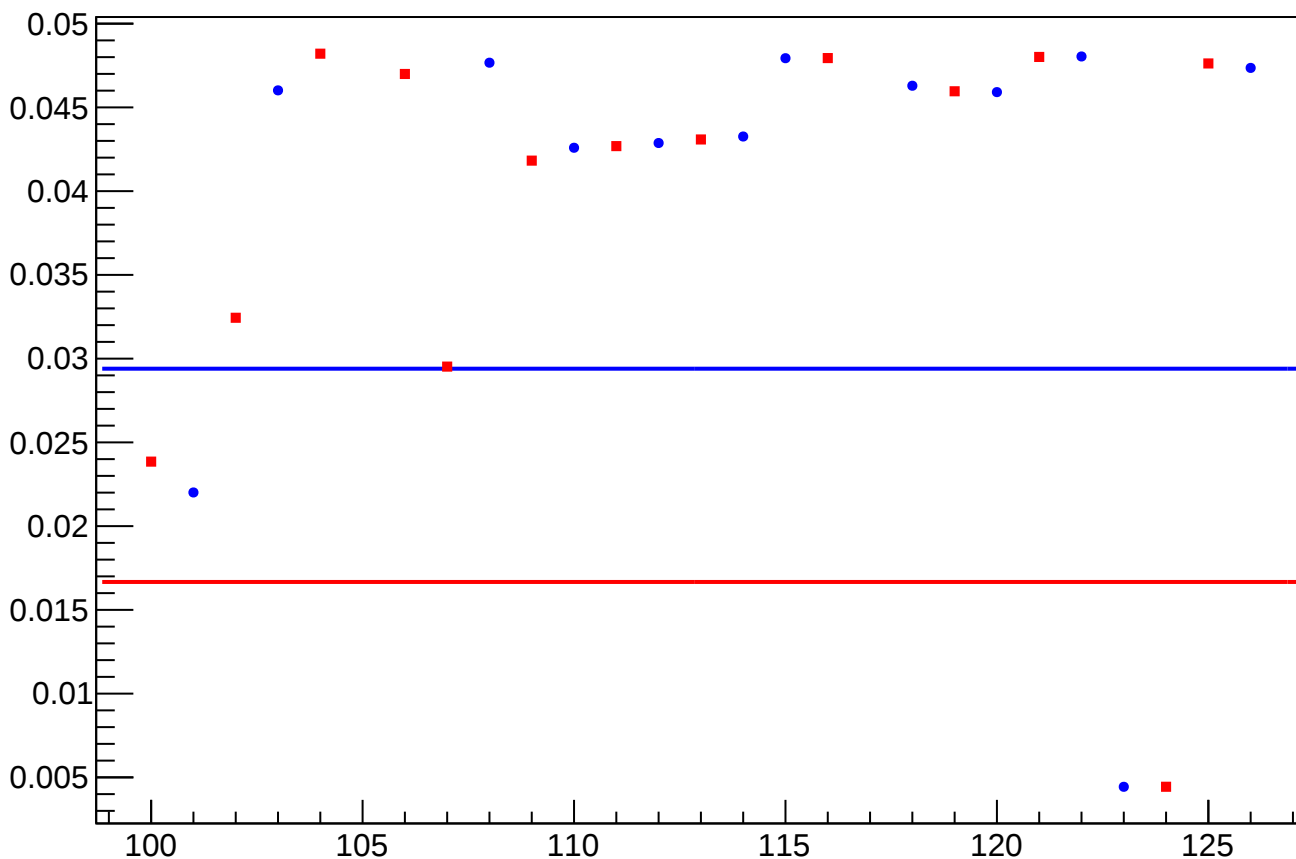
Right: 0.000+/-0.000 χ^2/NDF : 4672521.3/24

In: 0.000+/-0.000 χ^2/NDF : 1695810.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4672521.3/24

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.029+/-0.000

χ^2/NDF : 17354208479.8/11

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.021+/-0.000

χ^2/NDF : 53980899033.9/24

Right Out: 0.017+/-0.000

χ^2/NDF : 31575187999.7/12

In: 0.029+/-0.000

χ^2/NDF : 17354208479.8/11

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

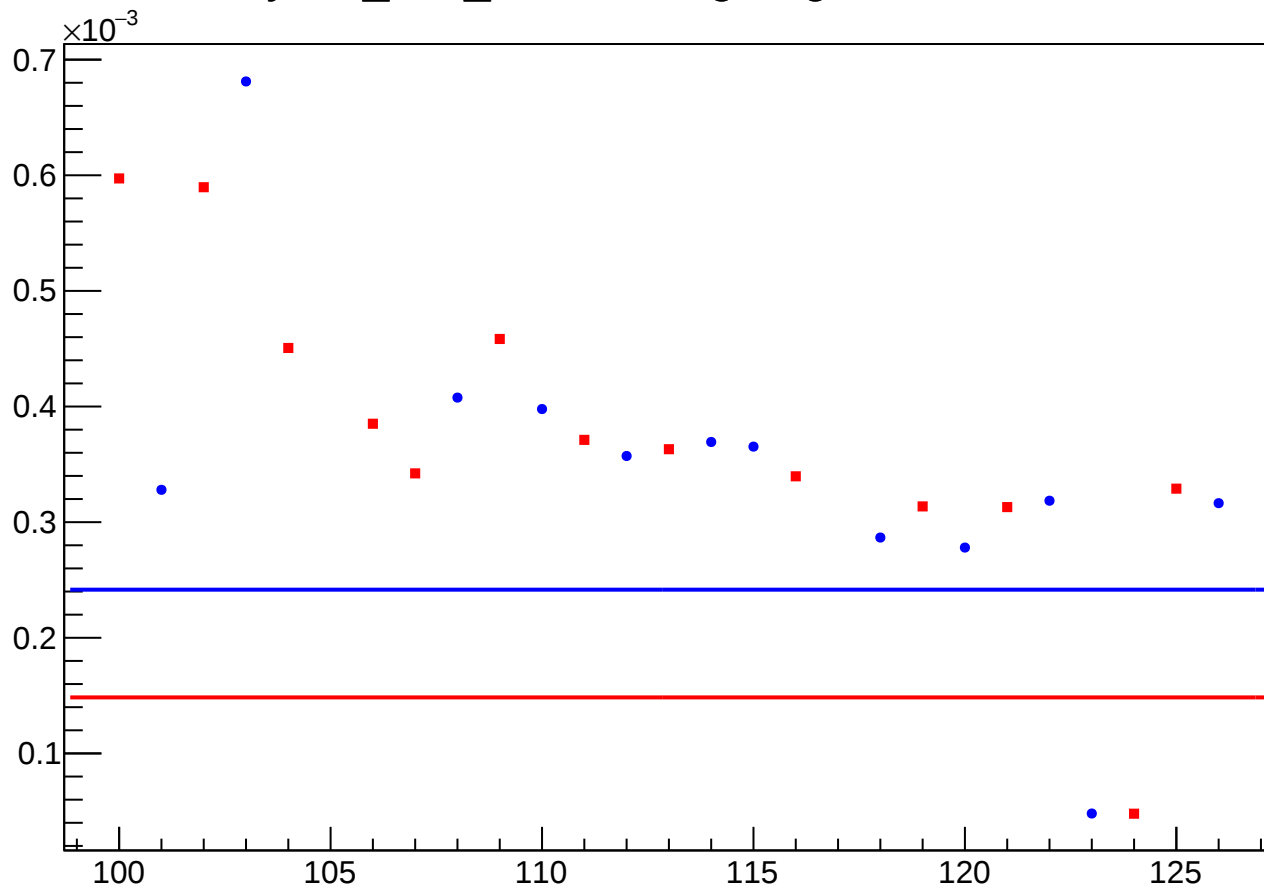
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.021+/-0.000

χ^2/NDF : 53980899033.9/24

yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2149036.4/11

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

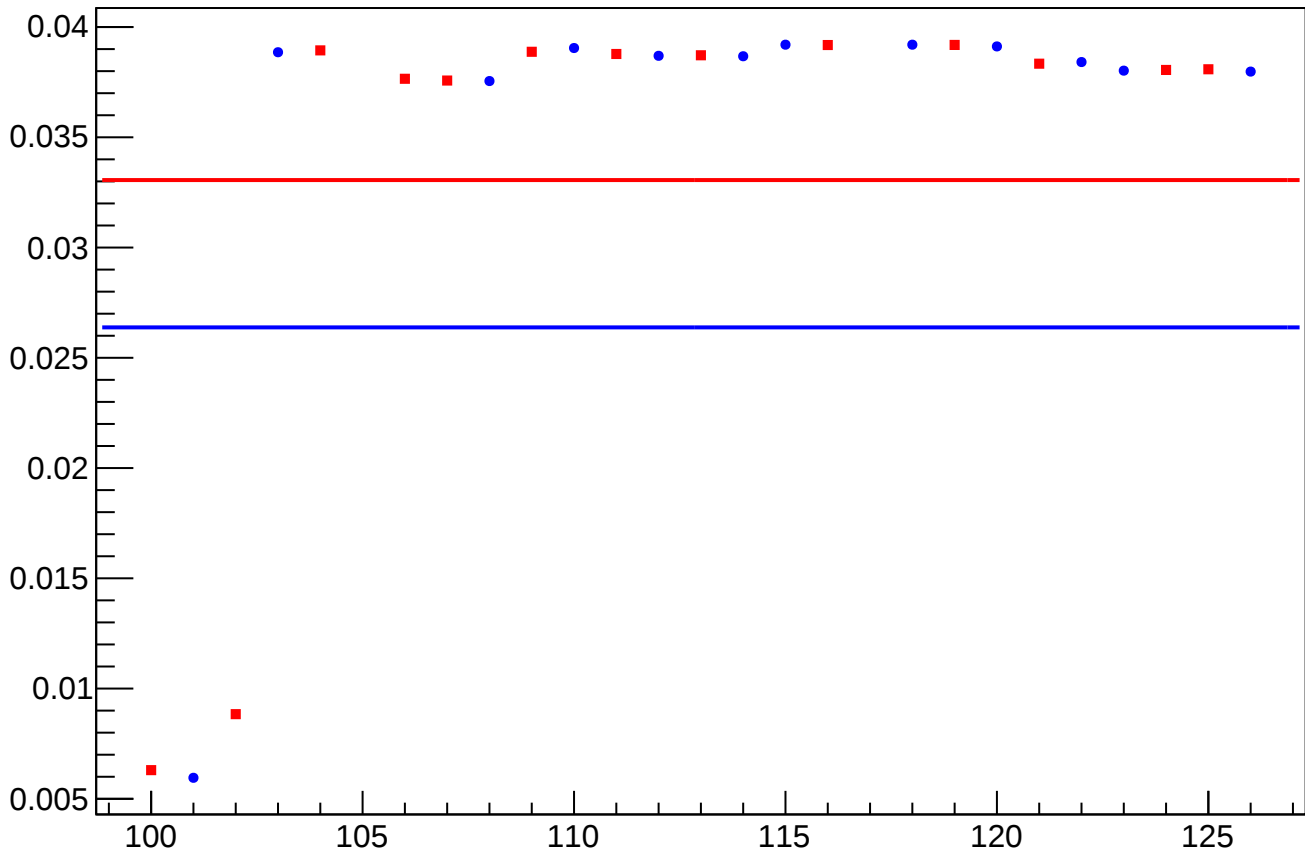
Right: 0.000+/-0.000 χ^2/NDF : 7109561.1/24

In: 0.000+/-0.000 χ^2/NDF : 2149036.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7109561.1/24

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.000

χ^2/NDF : 83663311051.9/11

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.030+/-0.000

χ^2/NDF : 132034447845.3/24

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.026+/-0.000

χ^2/NDF : 83663311051.9/11

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

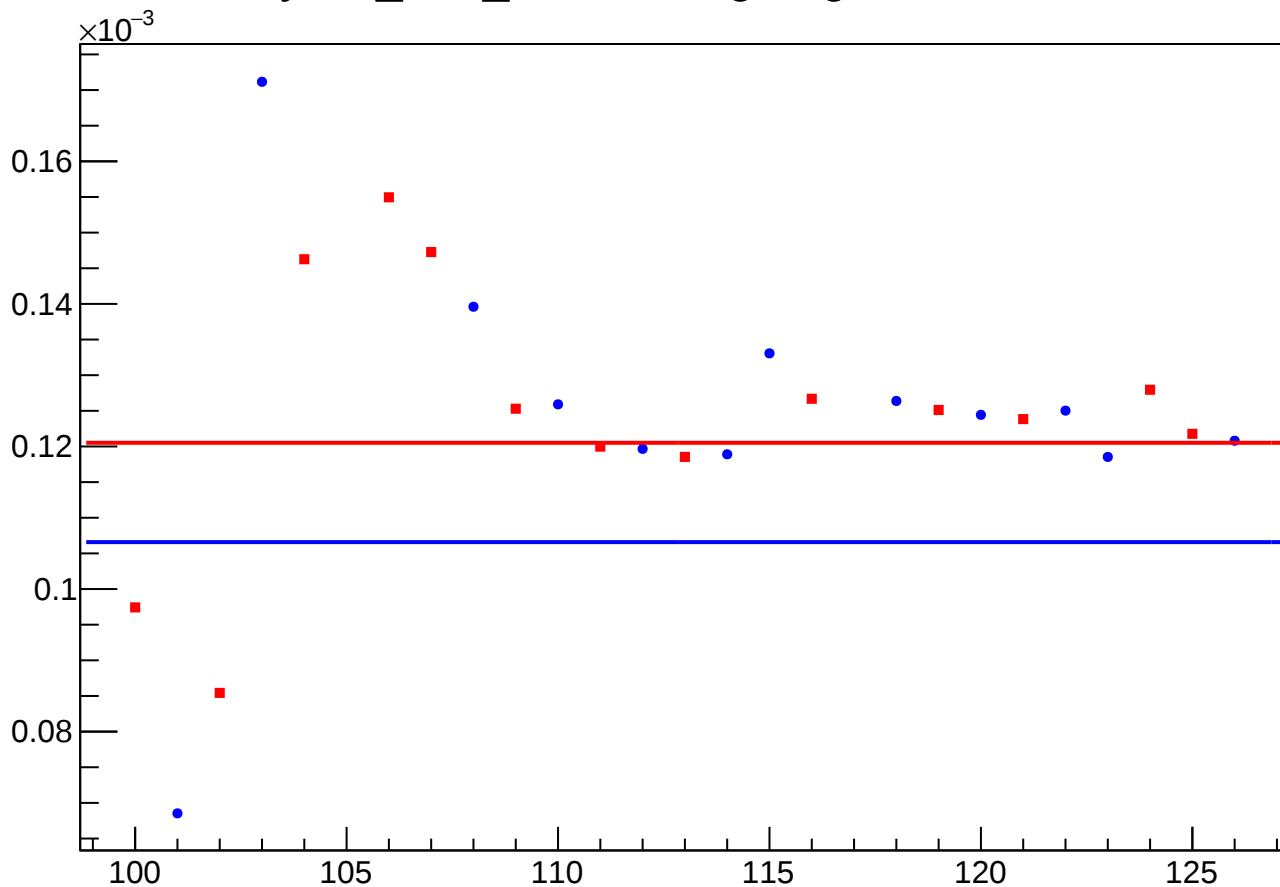
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.030+/-0.000

χ^2/NDF : 132034447845.3

yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 666596.1/11

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

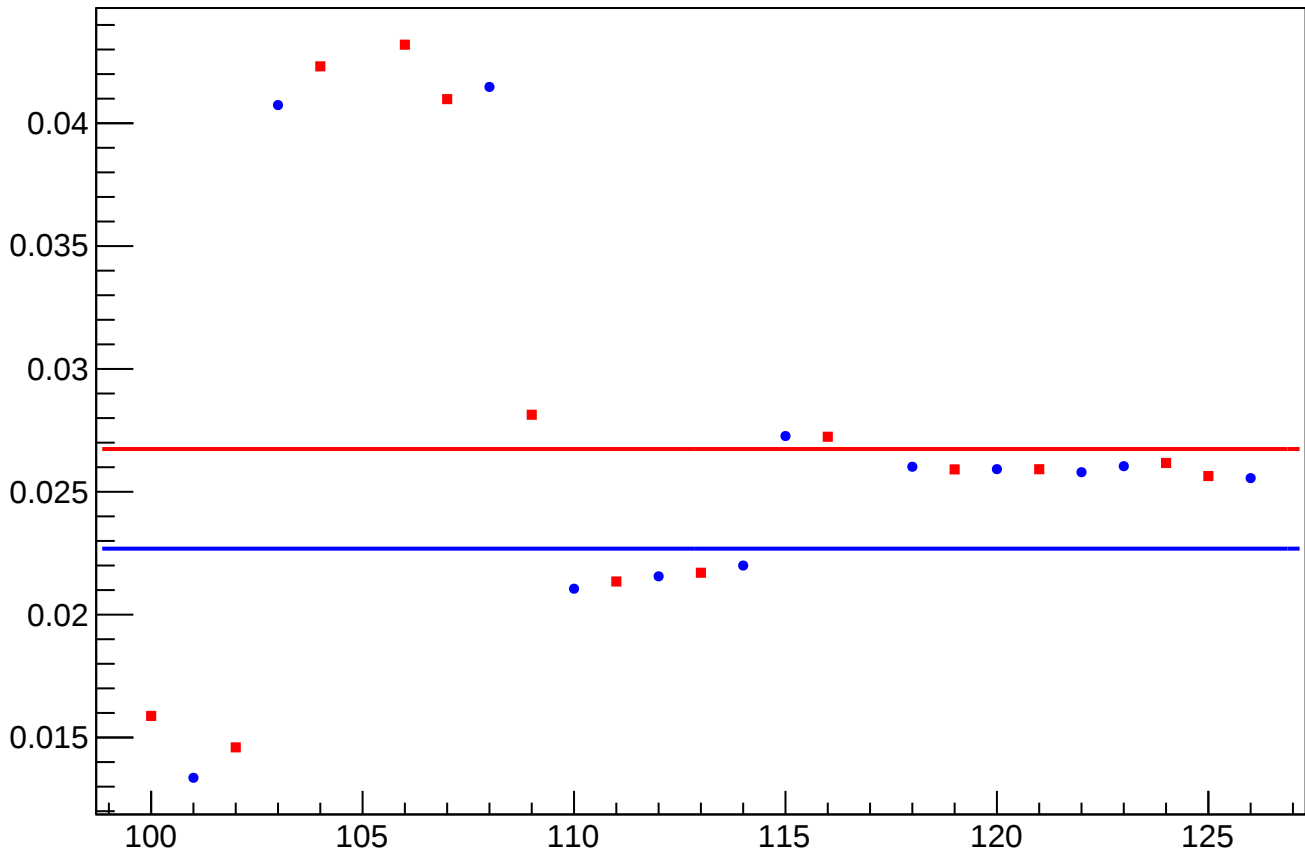
Right: 0.000+/-0.000 χ^2/NDF : 940263.9/24

In: 0.000+/-0.000 χ^2/NDF : 666596.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 940263.9/24

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.000

χ^2/NDF : 3317797708.0/11

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.025+/-0.000 χ^2/NDF : 6631221383.3/24

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.023+/-0.000 χ^2/NDF : 3317797708.0/11

Right Out: 0.027+/-0.000

χ^2/NDF : 2889308650.3/12

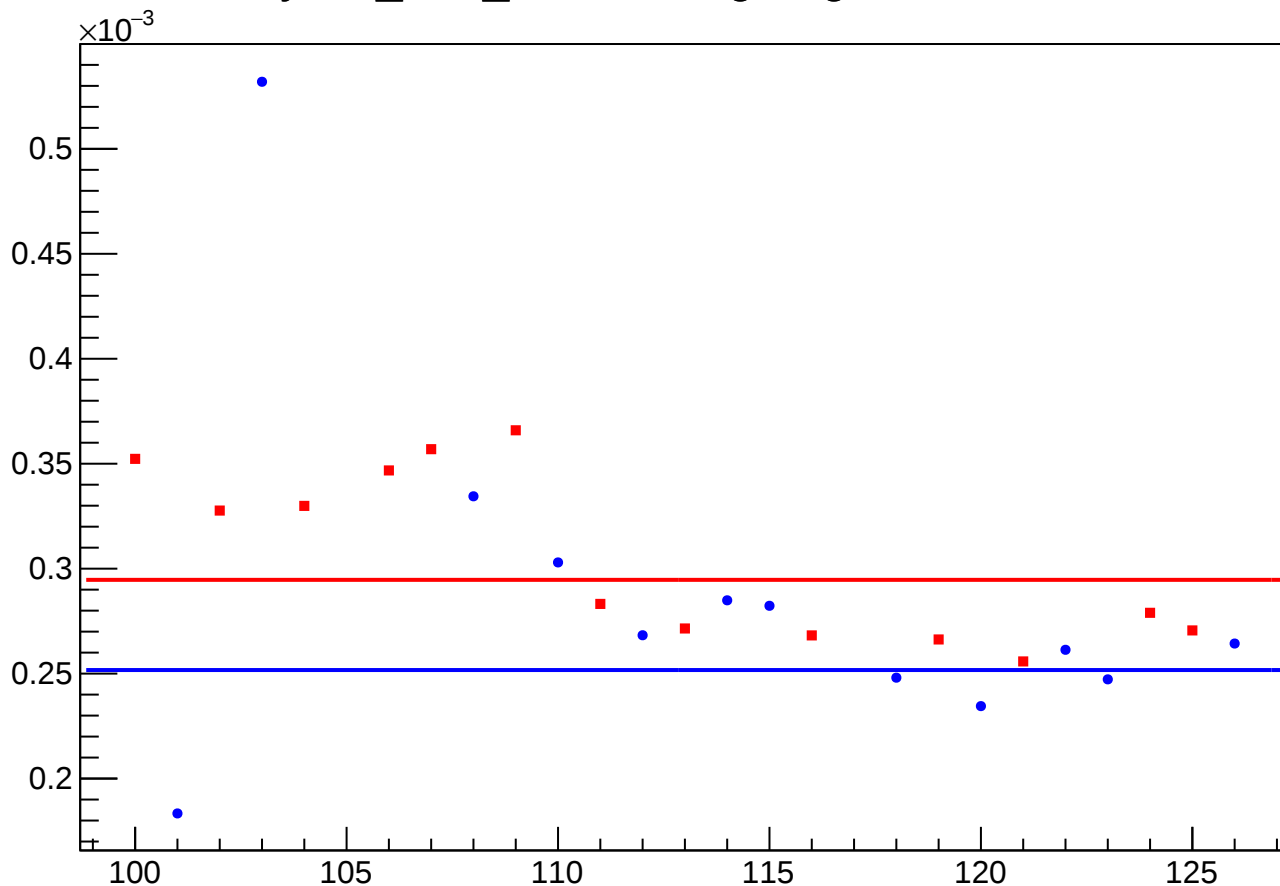
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.025+/-0.000 χ^2/NDF : 6631221383.3/24

yield_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 510478.0/11

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

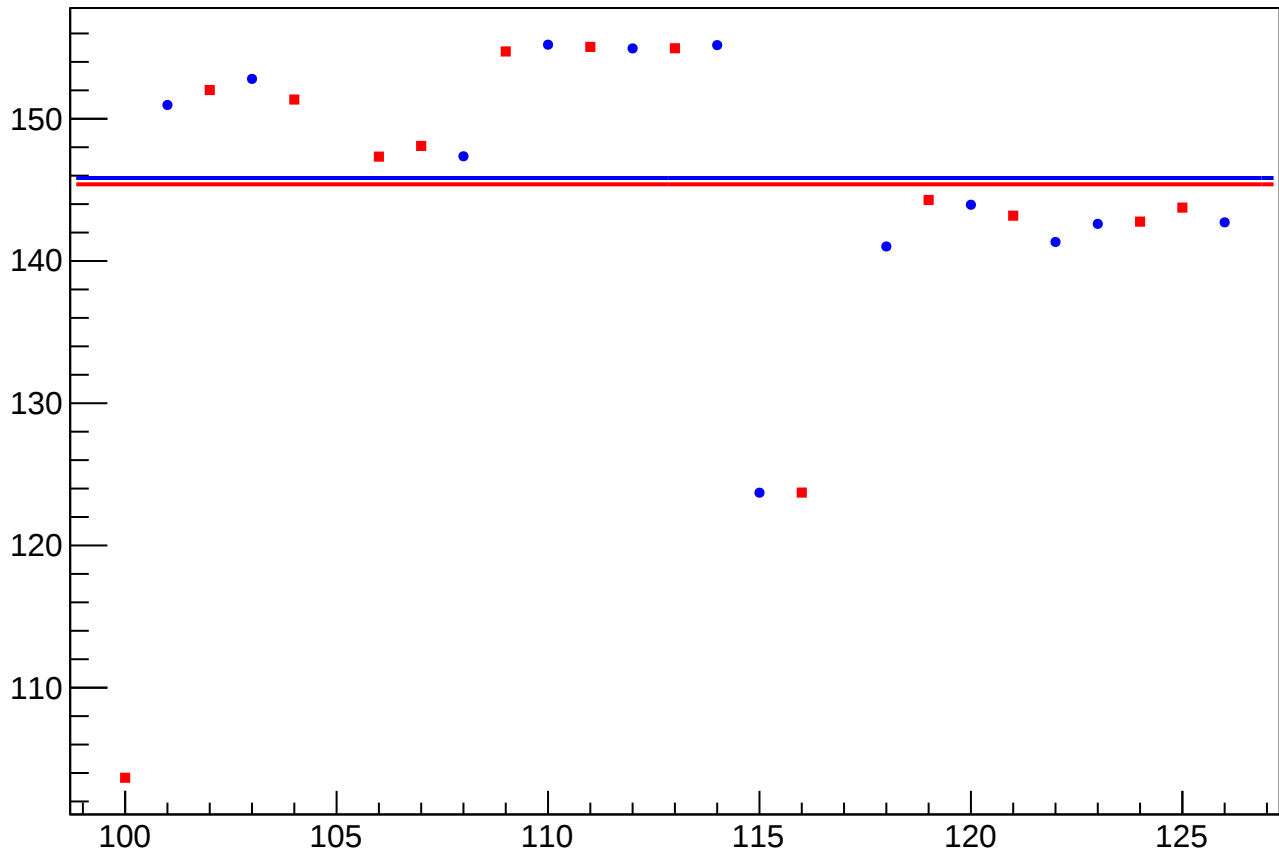
Right: 0.000+/-0.000 χ^2/NDF : 734750.6/24

In: 0.000+/-0.000 χ^2/NDF : 510478.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

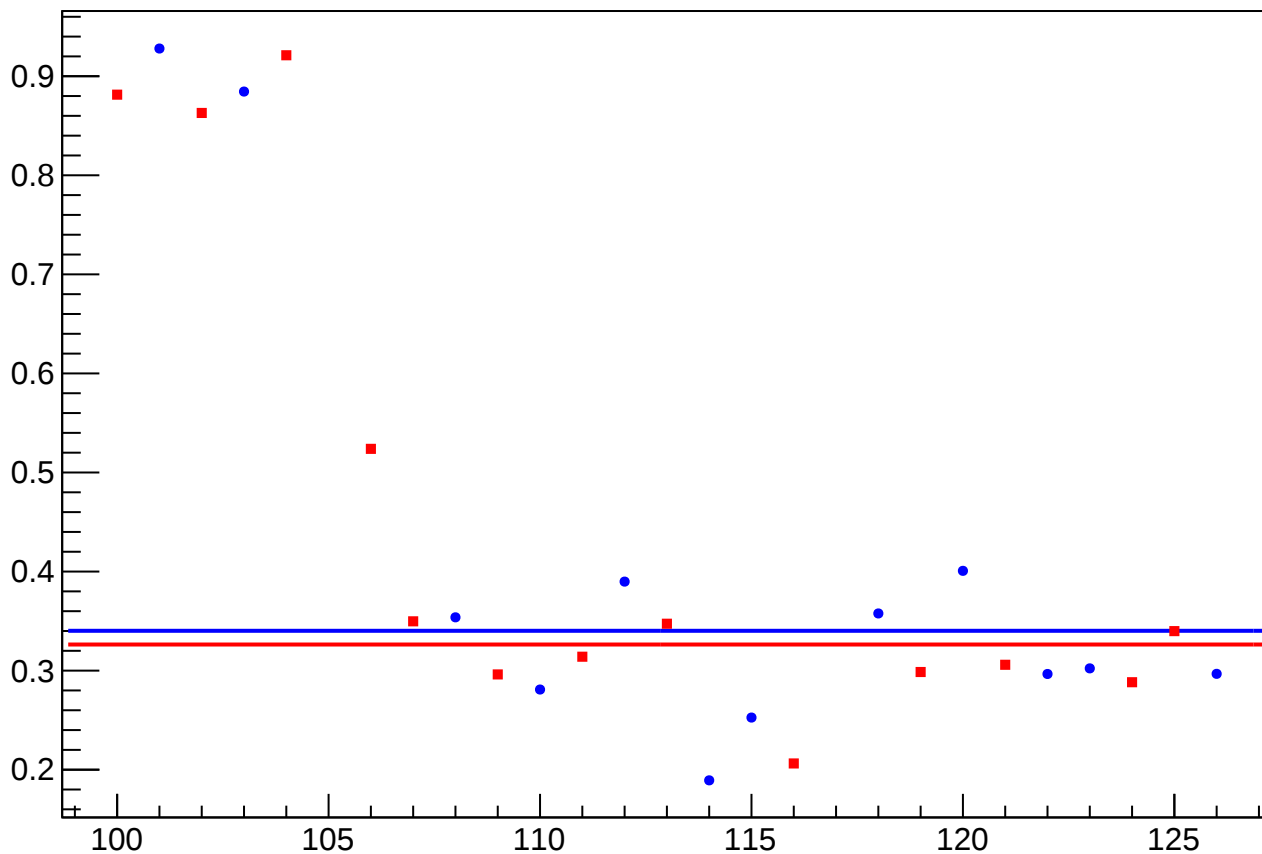
All: 0.000+/-0.000 χ^2/NDF : 734750.6/24

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 145.836+/-0.000 χ^2/NDF : 1995869688.9/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 145.391+/-0.000 χ^2/NDF : 3884690254.3/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 145.591+/-0.000 χ^2/NDF : 5883677971.1/24
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 145.591+/-0.000 χ^2/NDF : 5883677971.1/24
 In: 145.836+/-0.000 χ^2/NDF : 1995869688.9/11
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.340+/-0.000 χ^2/NDF : 1106918.0/11

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

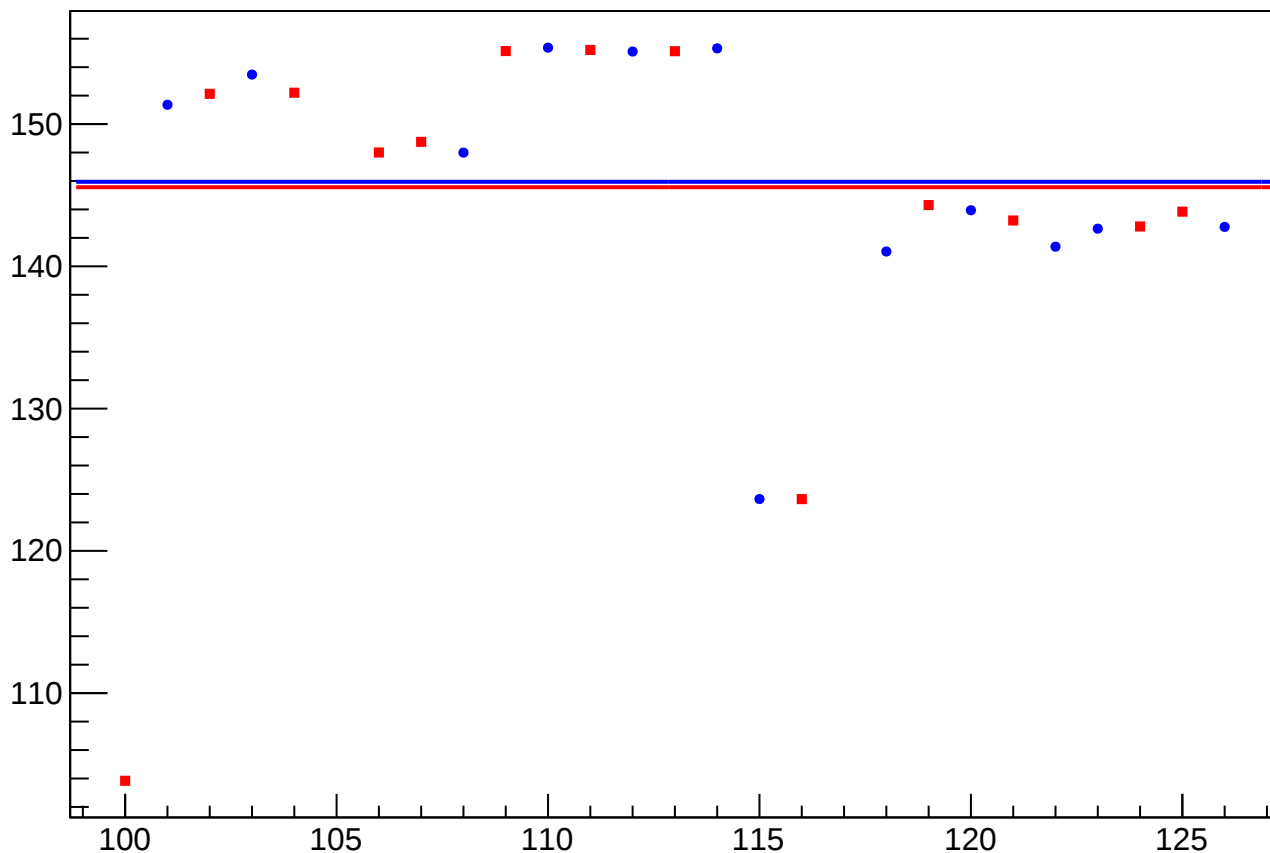
Right: 0.333+/-0.000 χ^2/NDF : 2230883.8/24

In: 0.340+/-0.000 χ^2/NDF : 1106918.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

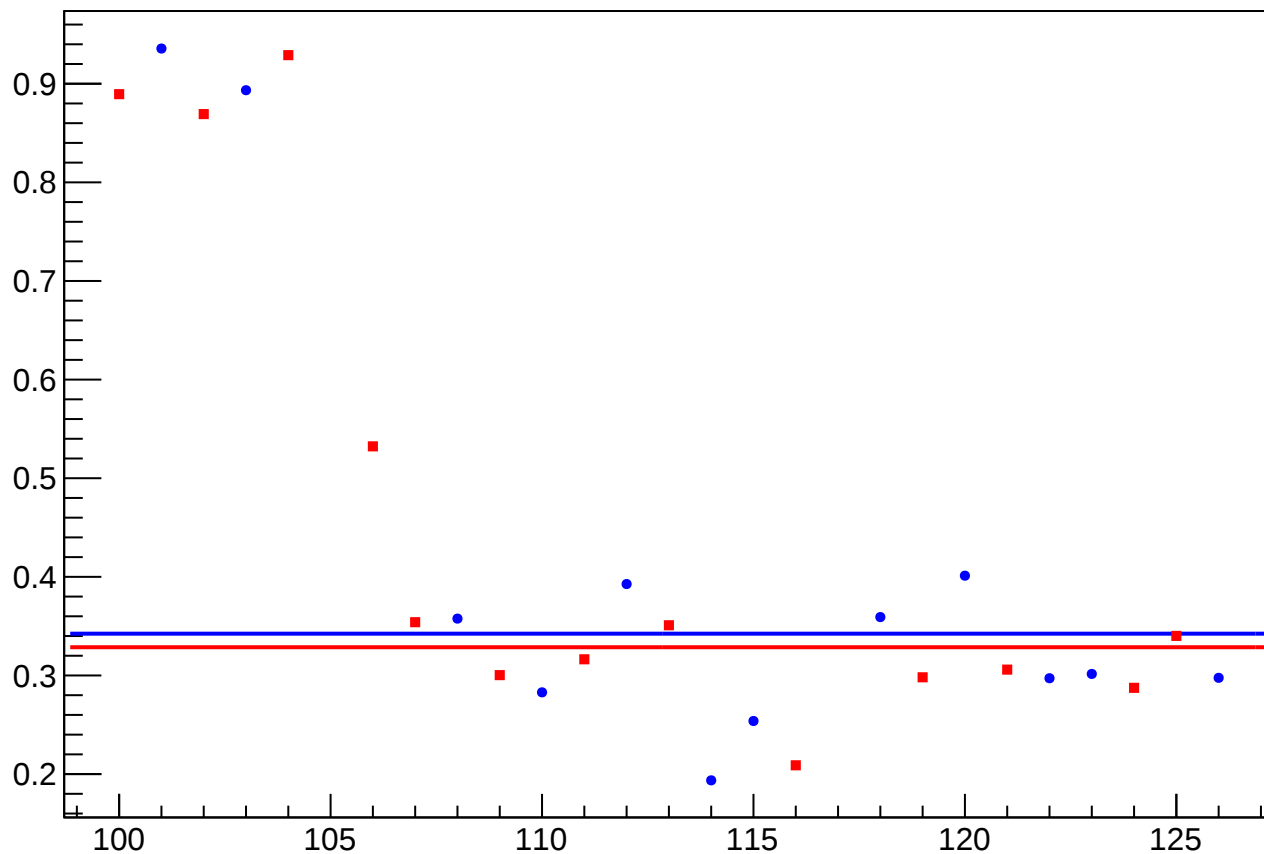
All: 0.333+/-0.000 χ^2/NDF : 2230883.8/24

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 145.943 $\pm$ 0.000 χ^2 /NDF: 2011305747.2/11
 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: 145.732 $\pm$ 0.000 χ^2 /NDF: 5911084078.7/24
 Right Out: 145.560 $\pm$ 0.000 χ^2 /NDF: 3897488671.3/12
 In: 145.943 $\pm$ 0.000 χ^2 /NDF: 2011305747.2/11
 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: 145.732 $\pm$ 0.000 χ^2 /NDF: 5911084078.7

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.342+/-0.000 χ^2/NDF : 1105062.9/11

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

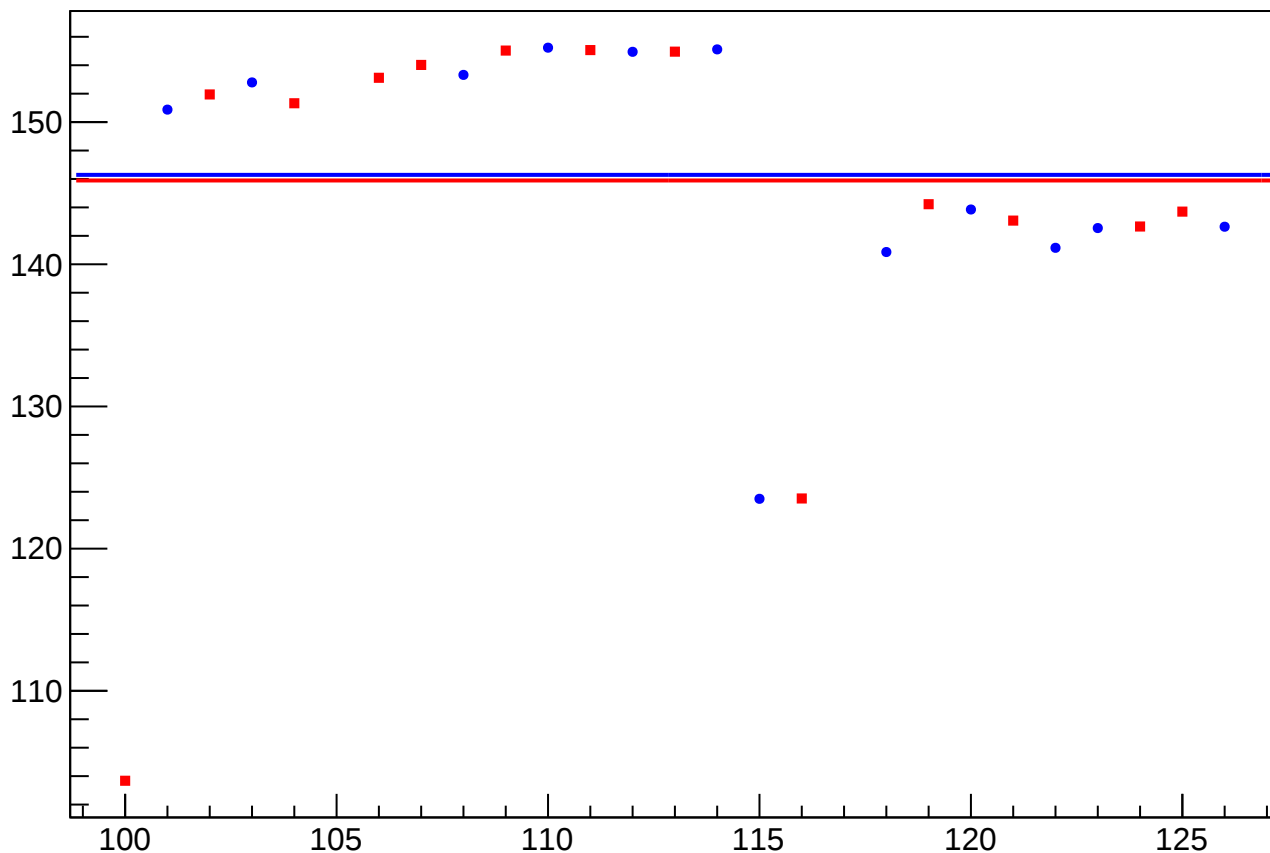
Right: 0.335+/-0.000 χ^2/NDF : 2230168.2/24

In: 0.342+/-0.000 χ^2/NDF : 1105062.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

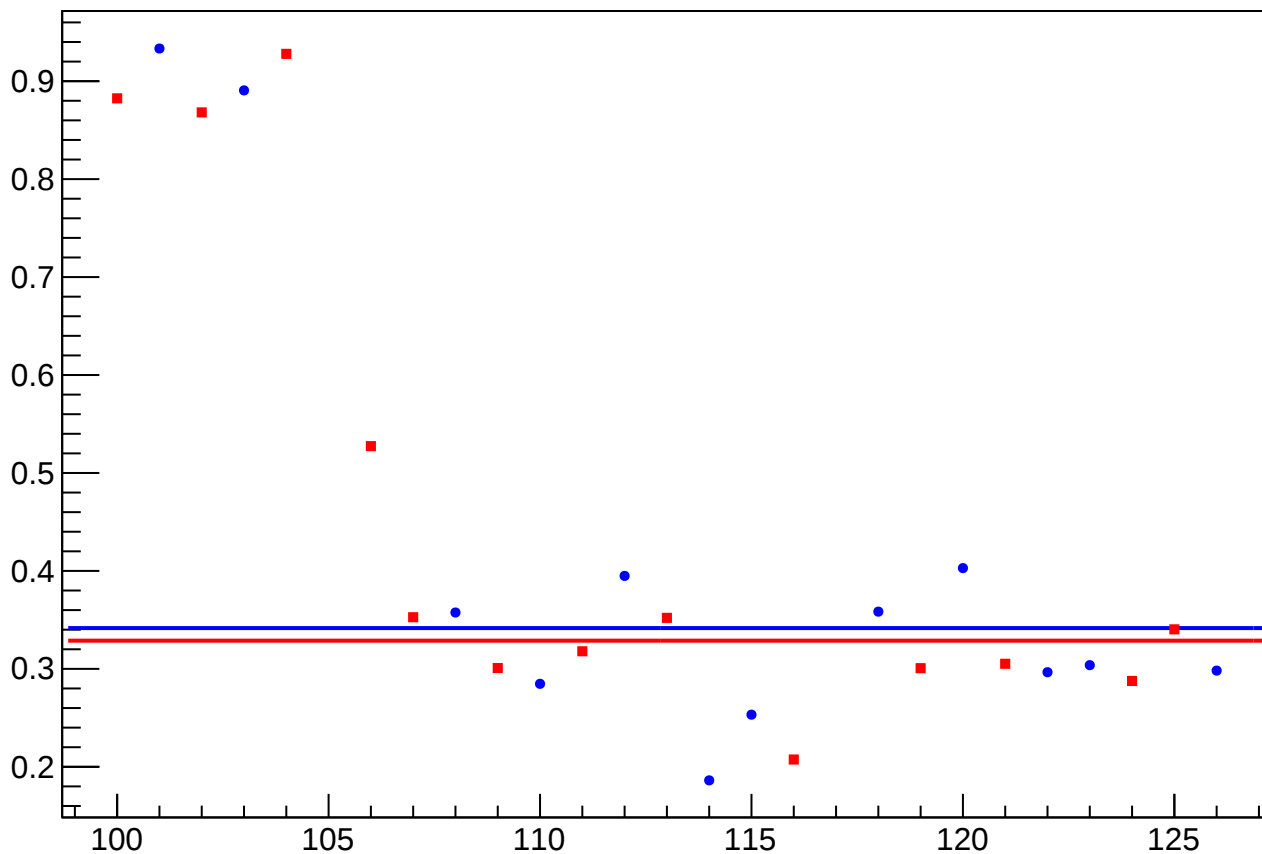
All: 0.335+/-0.000 χ^2/NDF : 2230168.2/24

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 146.290+/-0.000 χ^2/NDF : 2153571926.9/11
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 146.072+/-0.000 χ^2/NDF : 6283871527.6/24
 Right Out: 145.894+/-0.000 χ^2/NDF : 4127863622.4/12
 In: 146.290+/-0.000 χ^2/NDF : 2153571926.9/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 146.072+/-0.000 χ^2/NDF : 6283871527.6

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.342+/-0.000 χ^2/NDF : 1117836.9/11

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

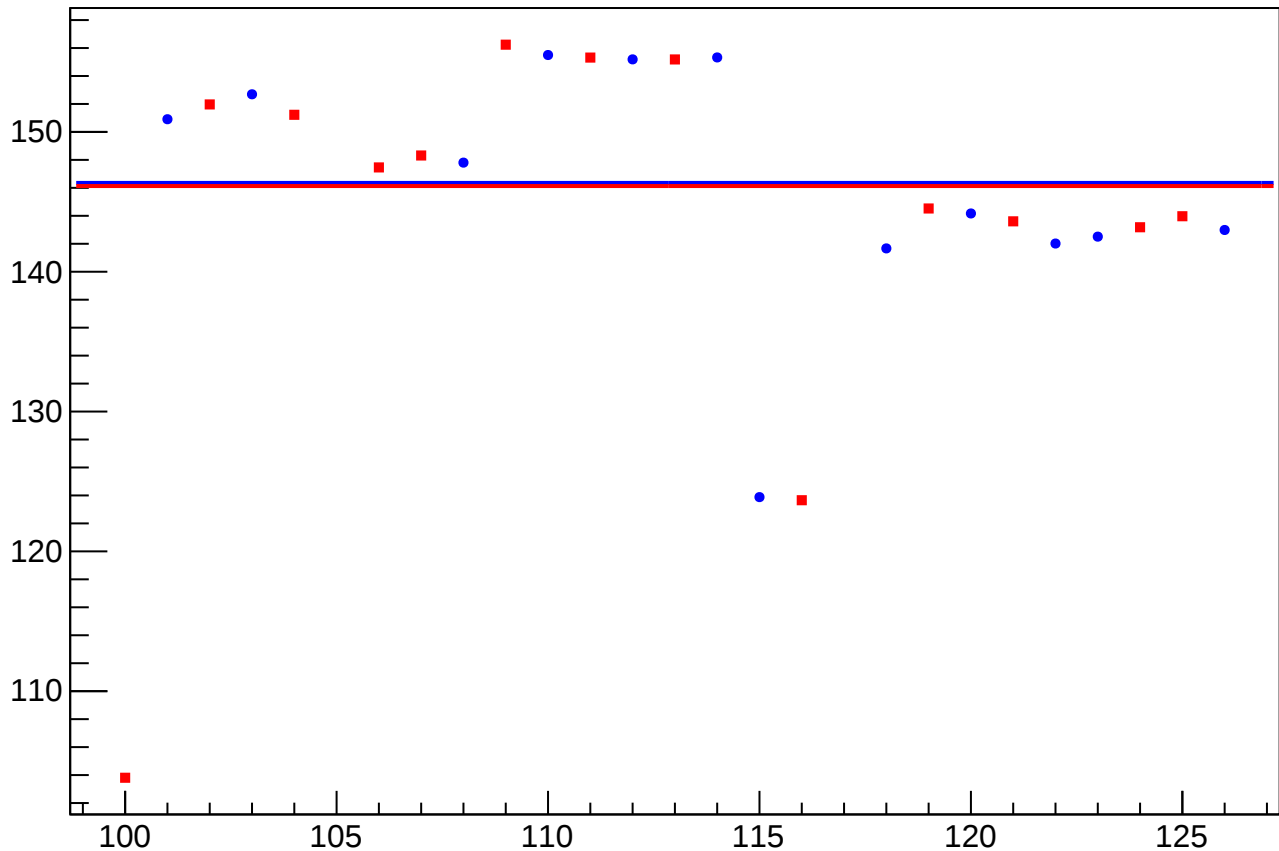
Right: 0.335+/-0.000 χ^2/NDF : 2242122.3/24

In: 0.342+/-0.000 χ^2/NDF :1117836.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.335+/-0.000 χ^2/NDF : 2242122.3/24

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 146.231+/-0.000 χ^2 /NDF: 5334632433.1/24

In: 146.353+/-0.000 χ^2 /NDF: 1788978323.2/11

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 146.231+/-0.000 χ^2 /NDF: 5334632433.1

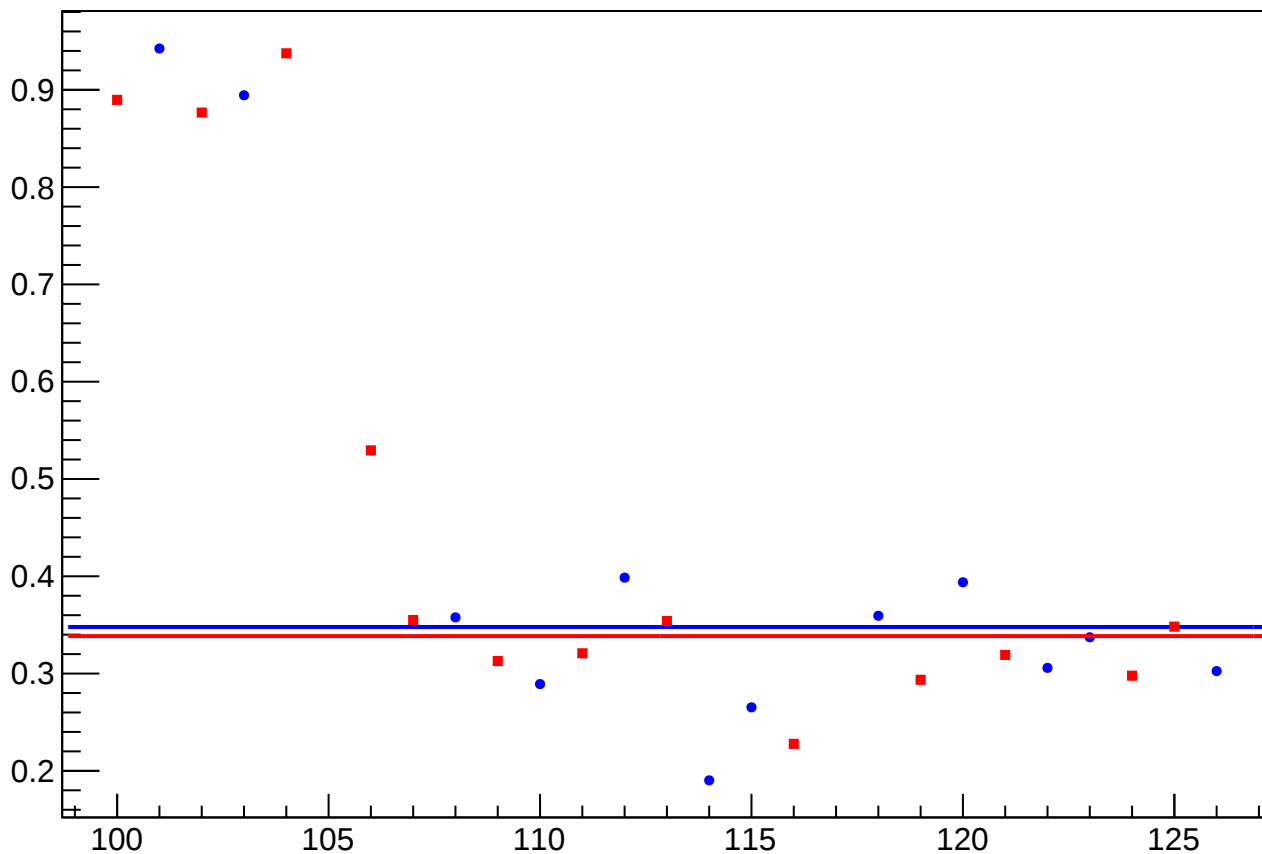
Right In: 146.353+/-0.000 χ^2 /NDF: 1788978323.2/11

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

Right Out: 146.129+/-0.000 χ^2 /NDF: 3544906028.5/12

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

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.348+/-0.000 χ^2/NDF : 1086786.0/11

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

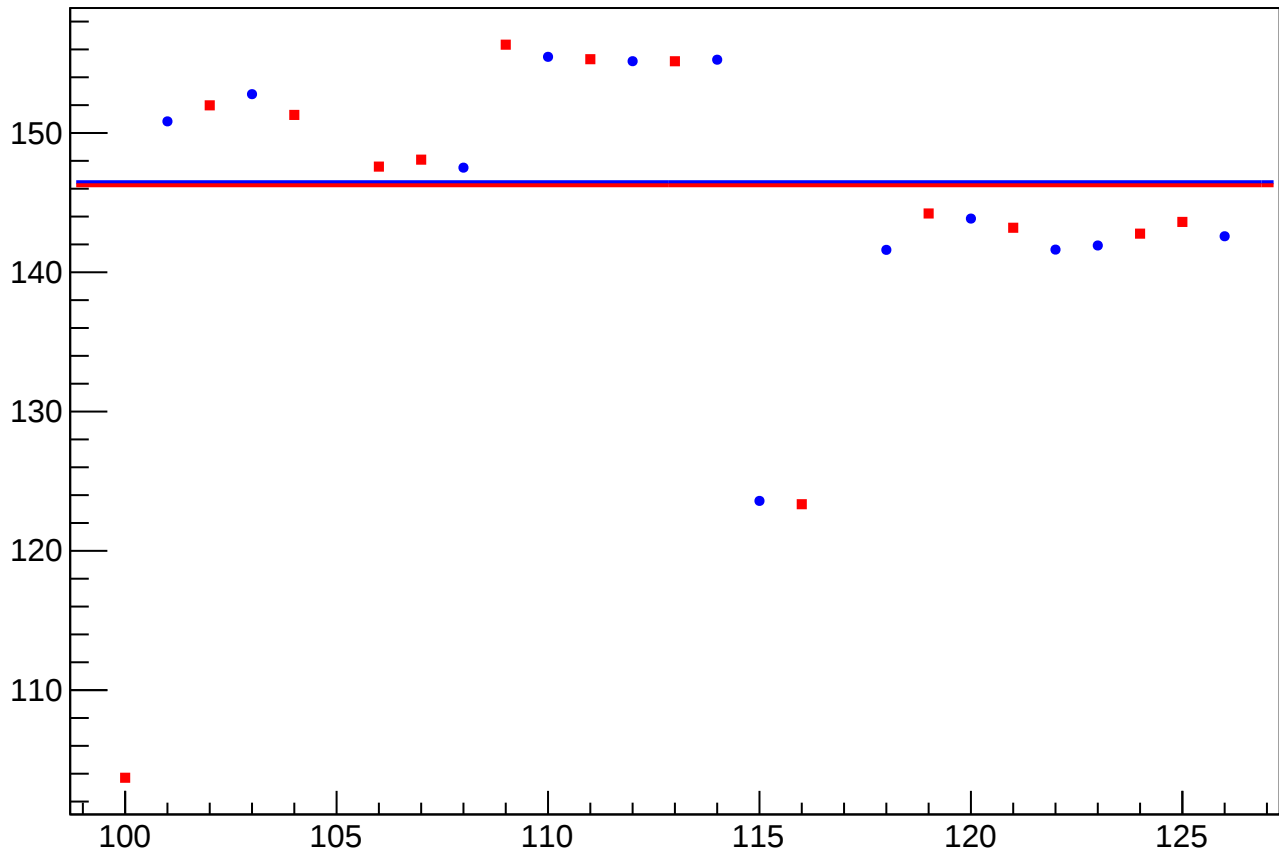
Right: 0.343+/-0.000 χ^2/NDF : 2144103.9/24

In: 0.348+/-0.000 χ^2/NDF :1086786.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

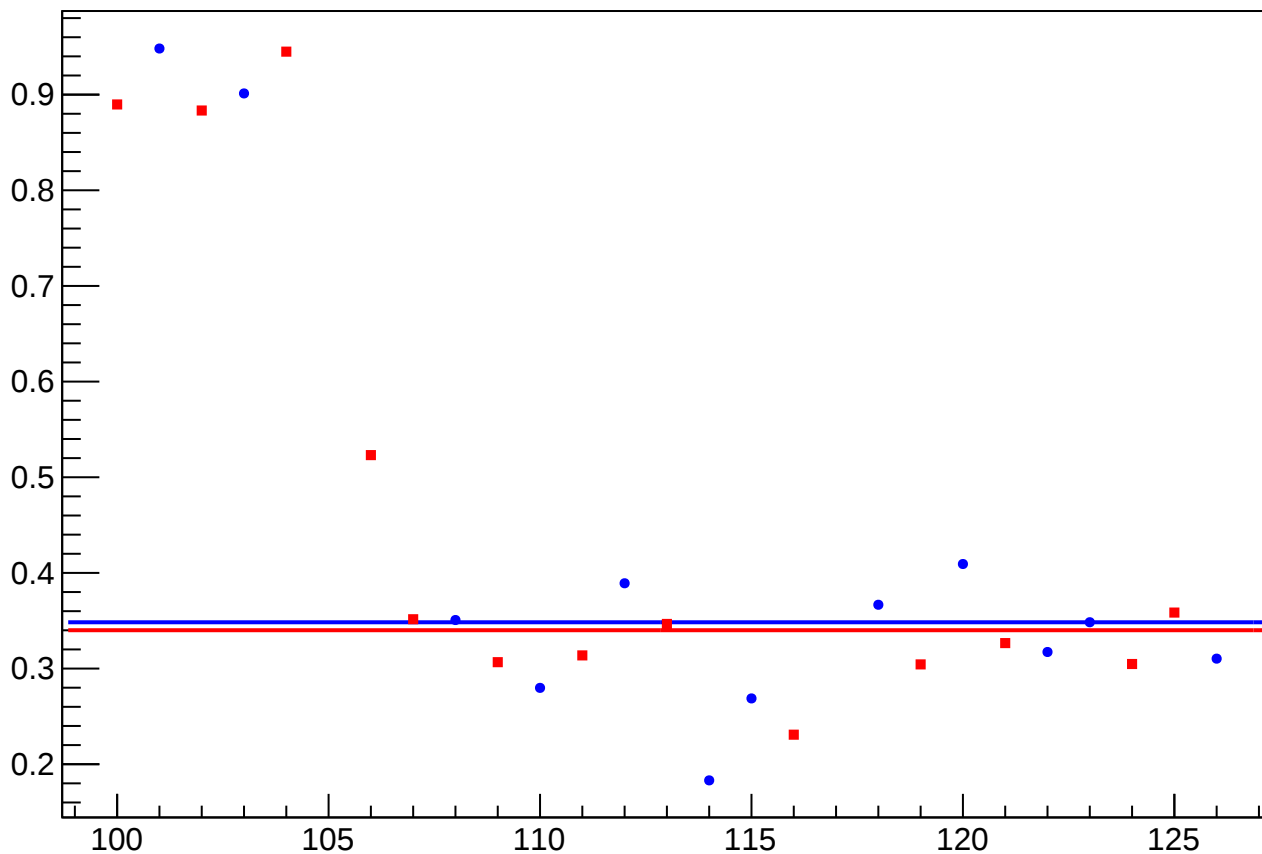
All: 0.343+/-0.000 χ^2/NDF : 2144103.9/24

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 146.466+/-0.000 χ^2/NDF : 1830762349.9/11
 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
 All: 146.347+/-0.000 χ^2/NDF : 5430979291.5/24
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 146.347+/-0.000 χ^2/NDF : 5430979291.5/24
 In: 146.466+/-0.000 χ^2/NDF : 1830762349.9/11
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.348+/-0.000 χ^2/NDF : 1108361.1/11

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

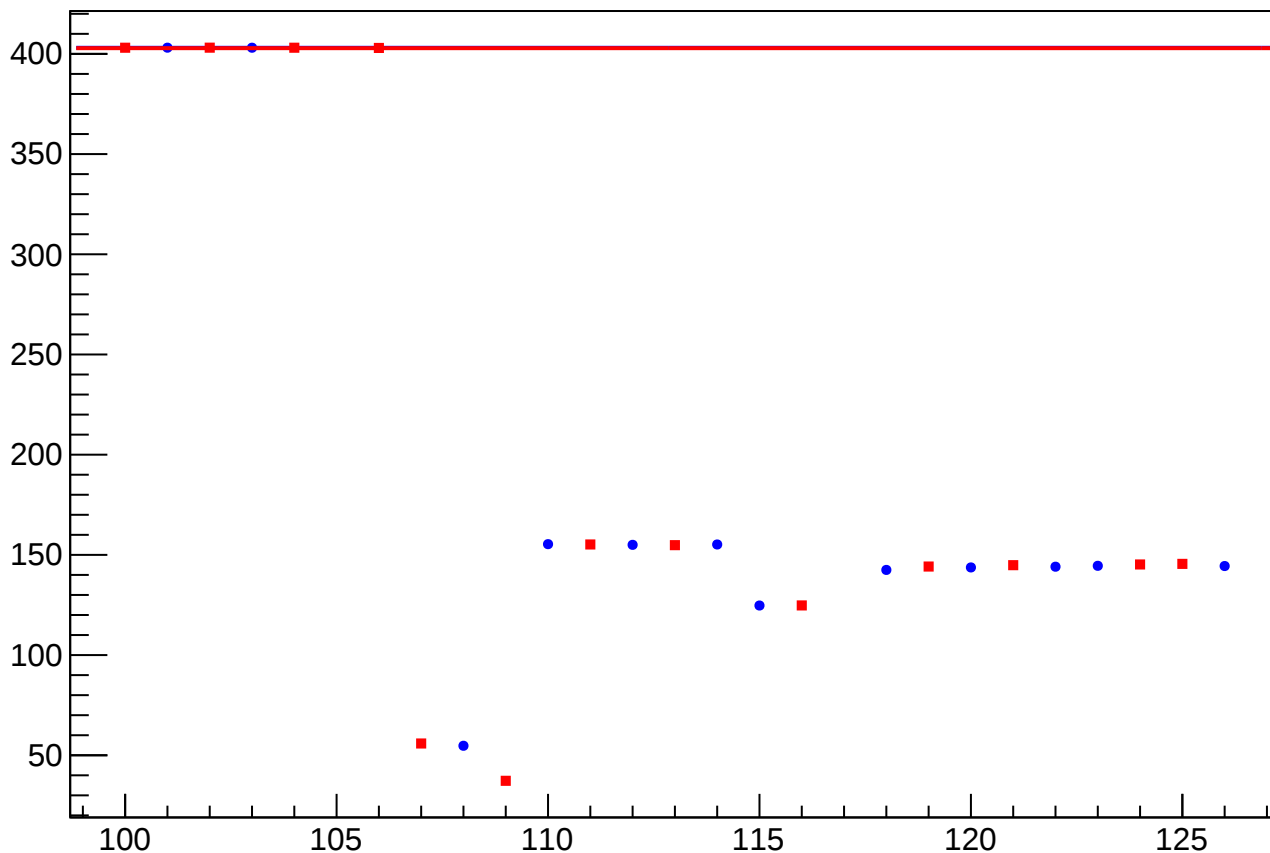
Right: 0.344+/-0.000 χ^2/NDF : 2153193.8/24

In: 0.348+/-0.000 χ^2/NDF : 1108361.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

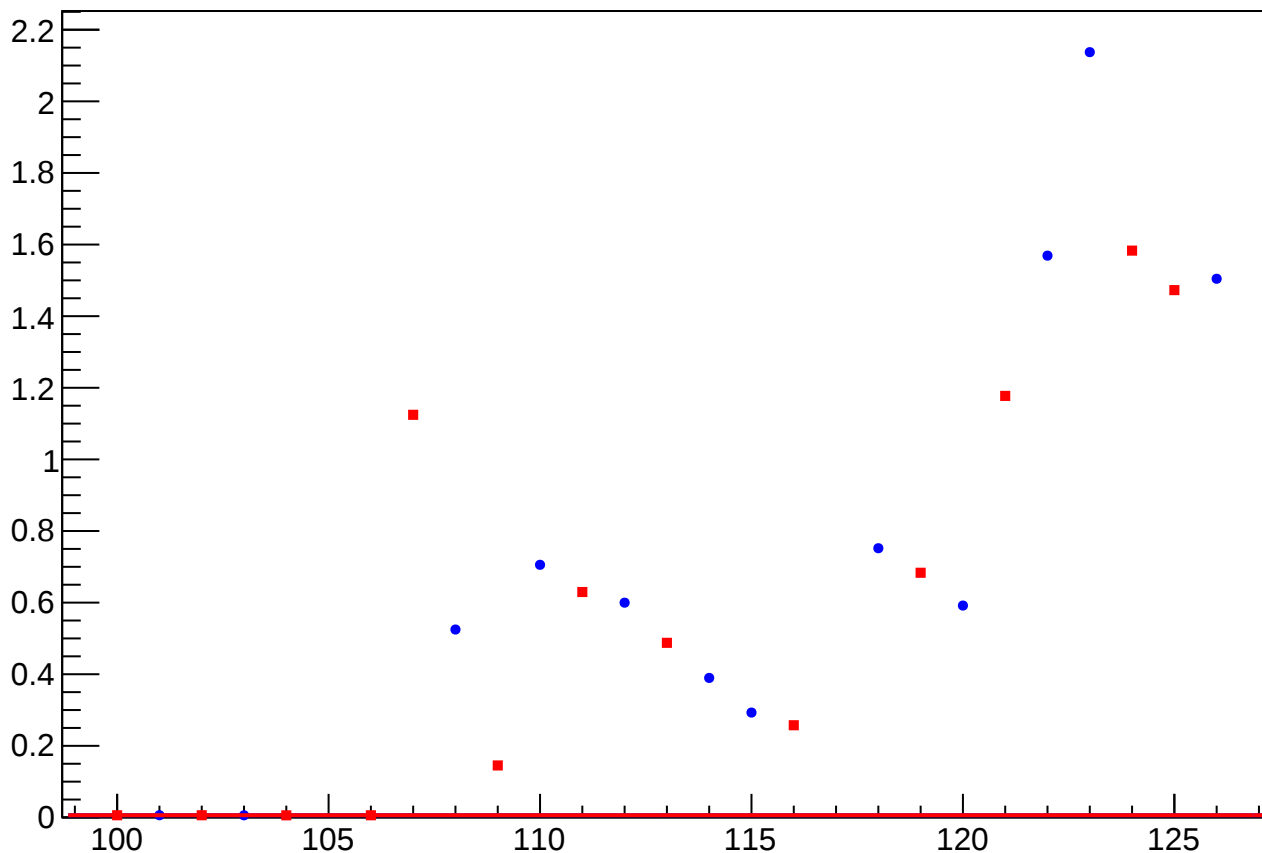
All: 0.344+/-0.000 χ^2/NDF : 2153193.8/24

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 403.032+/-0.000 χ^2/NDF : 495352006862.5/11
 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 : 3105729128885.5/11

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 4996033.7/11

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

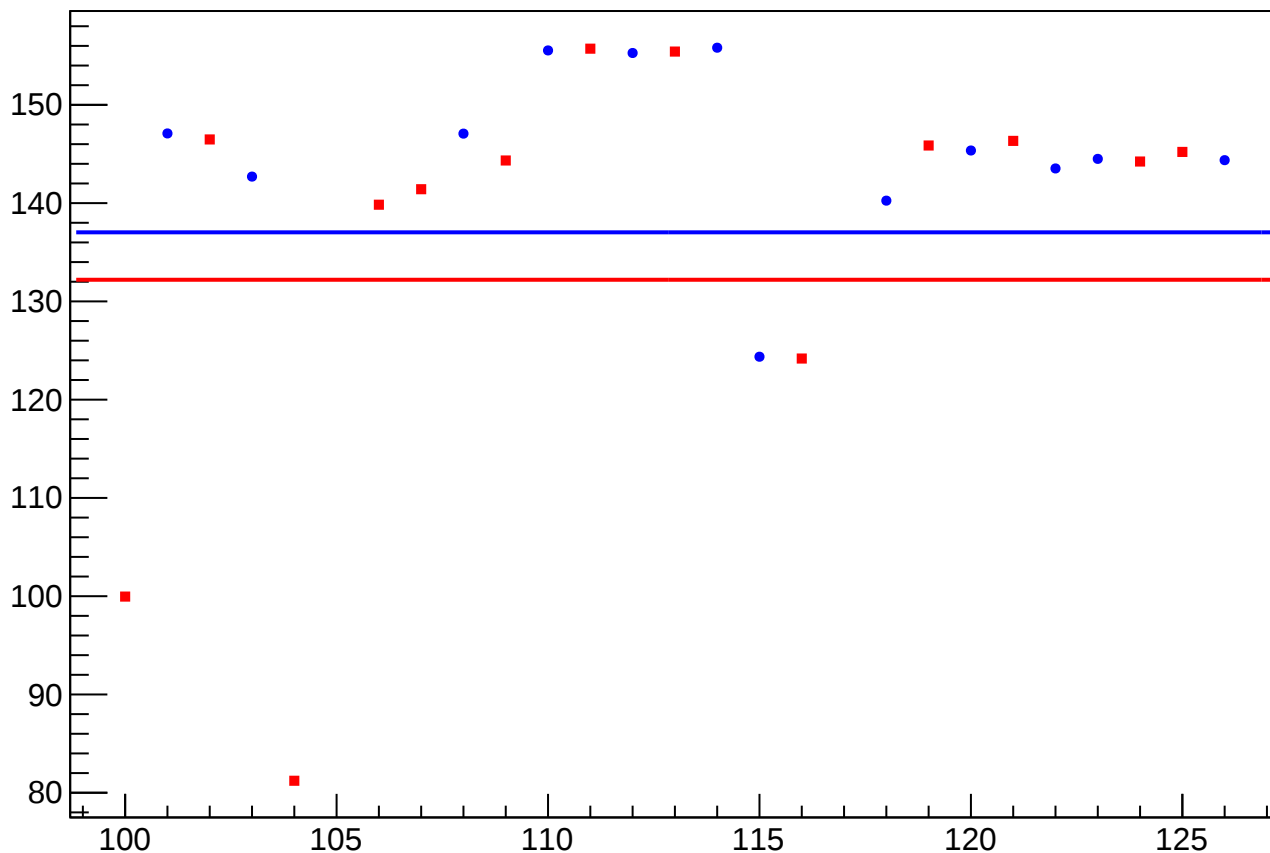
Right: 0.006+/-0.000 χ^2/NDF : 10214055.9/24

In: 0.006+/-0.000 χ^2/NDF :4996033.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

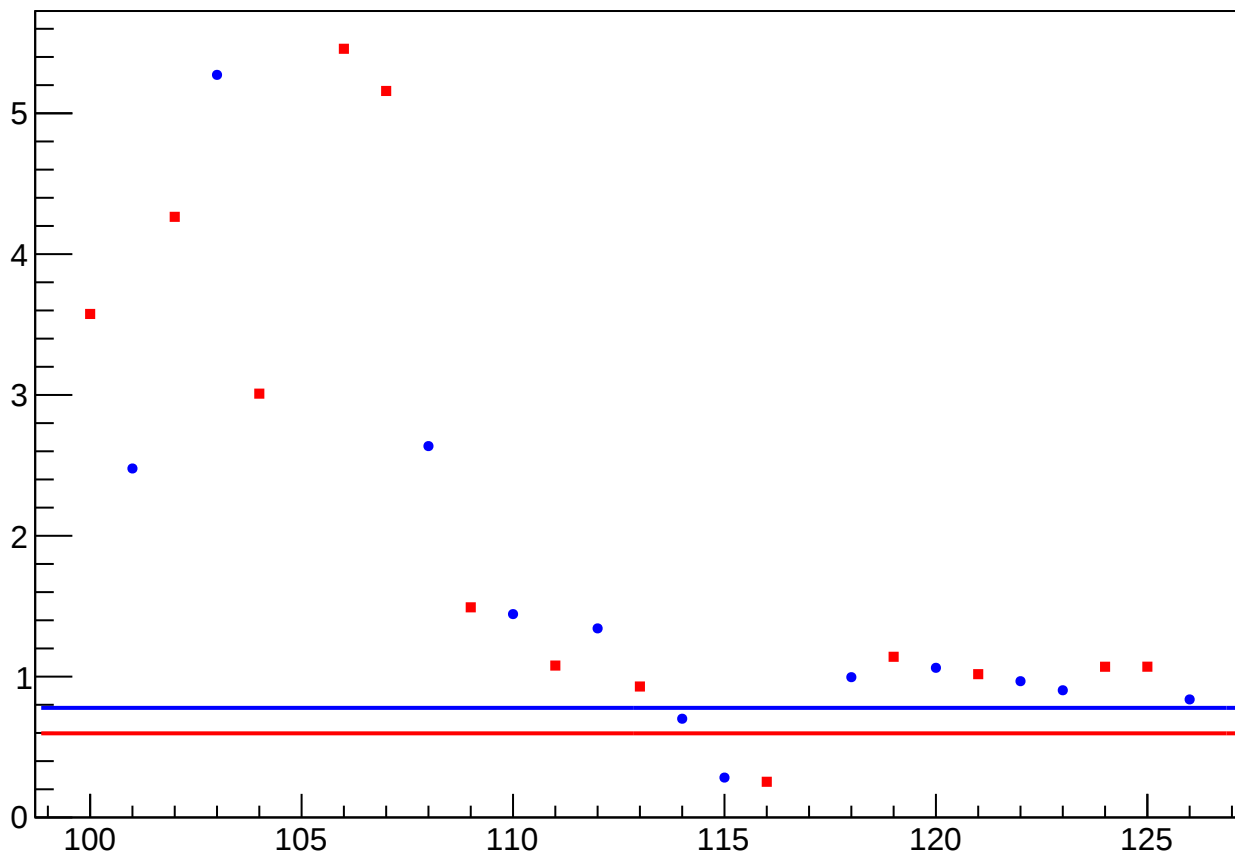
All: 0.006+/-0.000 χ^2/NDF : 10214055.9/24

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 137.028 $\pm$ 0.001 χ^2 /NDF: 505908146.4/11
 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: 134.130 $\pm$ 0.000 χ^2 /NDF: 1497252212.3/24
 Right Out: 132.202 $\pm$ 0.000 χ^2 /NDF: 939272547.2/12
 In: 137.028 $\pm$ 0.001 χ^2 /NDF: 505908146.4/11
 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: 134.130 $\pm$ 0.000 χ^2 /NDF: 1497252212.3

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.778+/-0.000 χ^2/NDF : 2754356.1/11

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

Right Out: 0.597+/-0.000 χ^2/NDF : 4202517.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

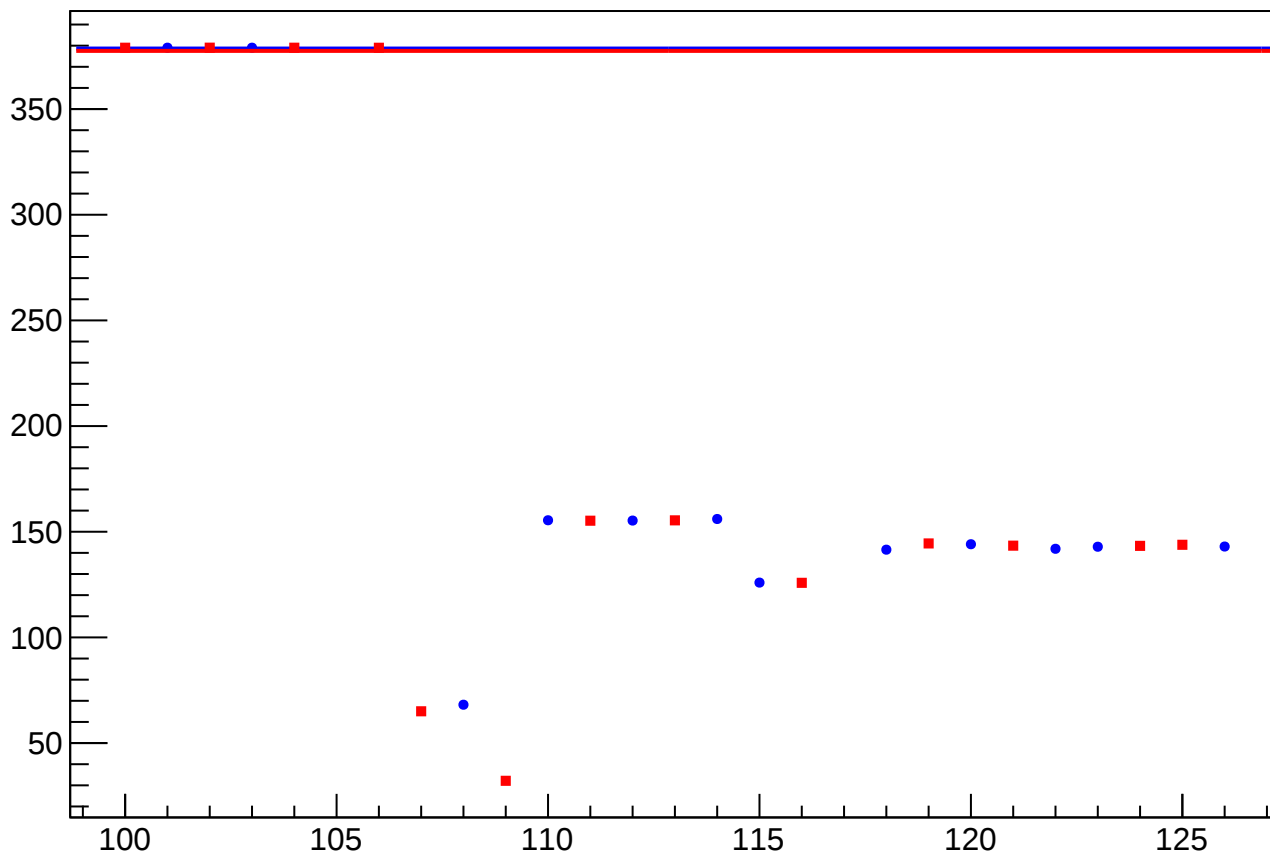
Right: 0.670+/-0.000 χ^2/NDF : 7103123.4/24

In: 0.778+/-0.000 χ^2/NDF :2754356.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

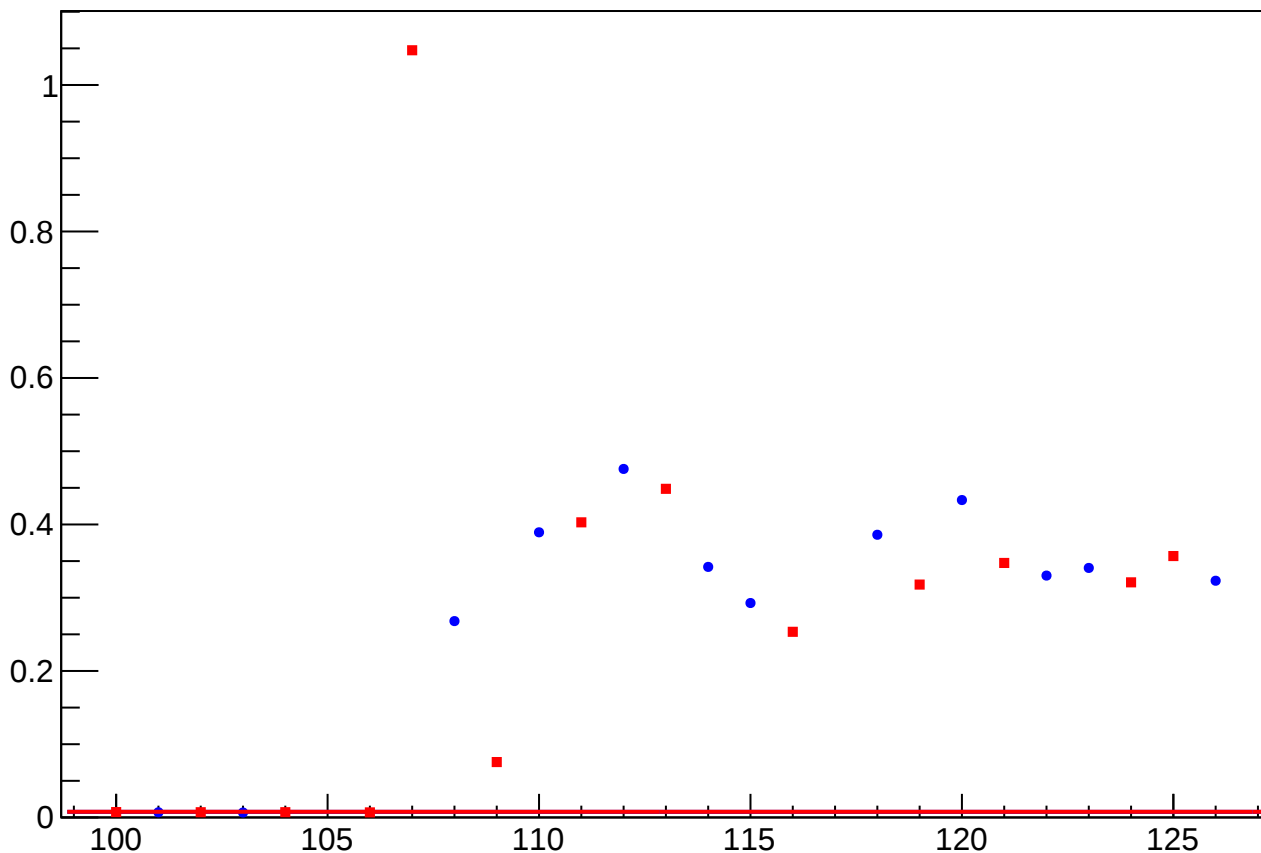
All: 0.670+/-0.000 χ^2/NDF : 7103123.4/24

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 378.637+/-0.000	χ^2/NDF : 1394312190390.8/11	Left: 0.000+/-0.000	χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000	χ^2/NDF : 0.0/0	Right: 378.049+/-0.000	χ^2/NDF : 8816047024376.5
Right Out: 377.533+/-0.000	χ^2/NDF : 7413104676718.8/12	In: 378.637+/-0.000	χ^2/NDF : 1394312190390.8/11
Left In: 0.000+/-0.000	χ^2/NDF : 0.0/0	Out: 0.000+/-0.000	χ^2/NDF : 0.0/0
		All: 378.049+/-0.000	χ^2/NDF : 8816047024376.5

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 5302521.9/11

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

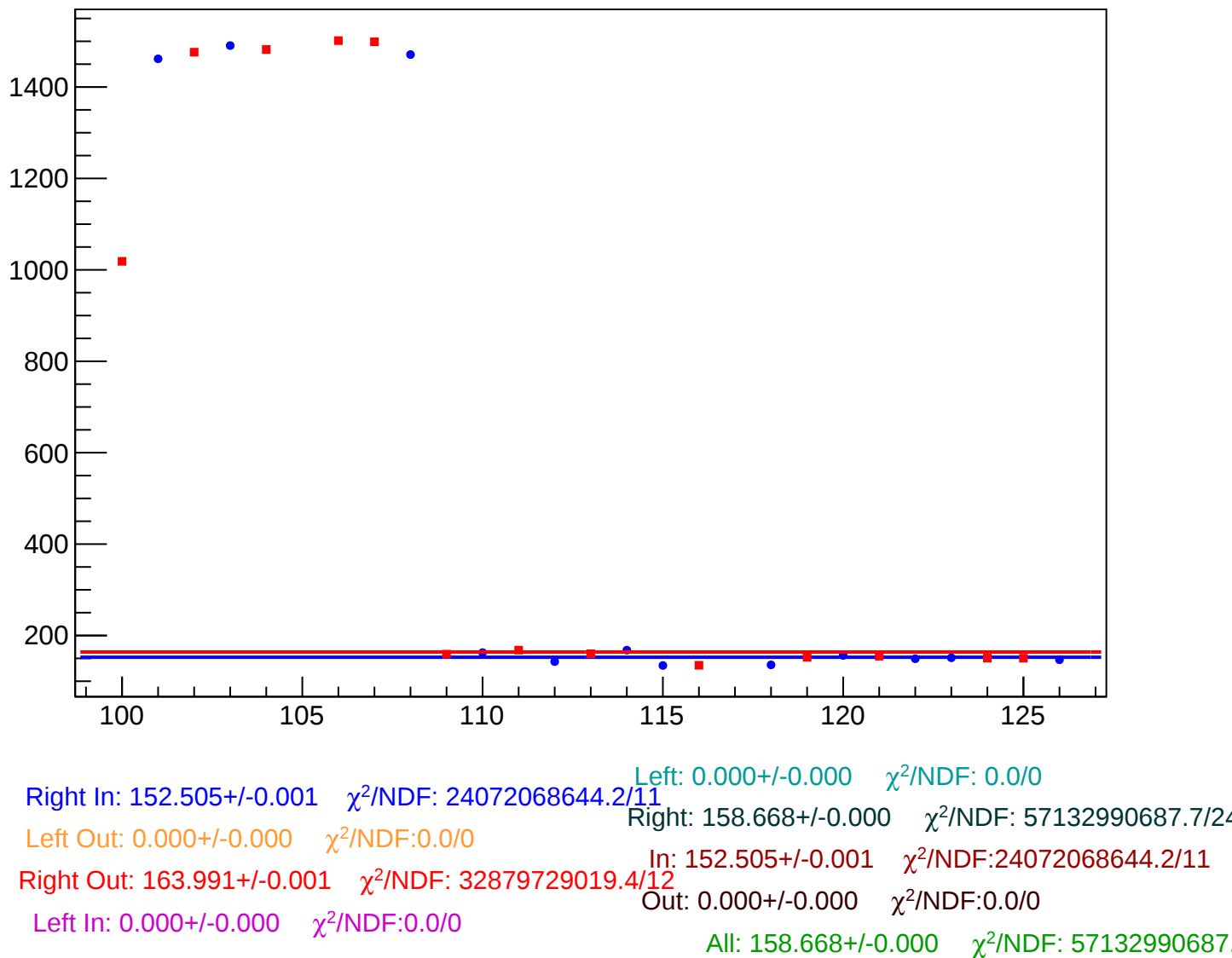
Right: 0.008+/-0.000 χ^2/NDF : 10605771.5/24

In: 0.008+/-0.000 χ^2/NDF : 5302521.9/11

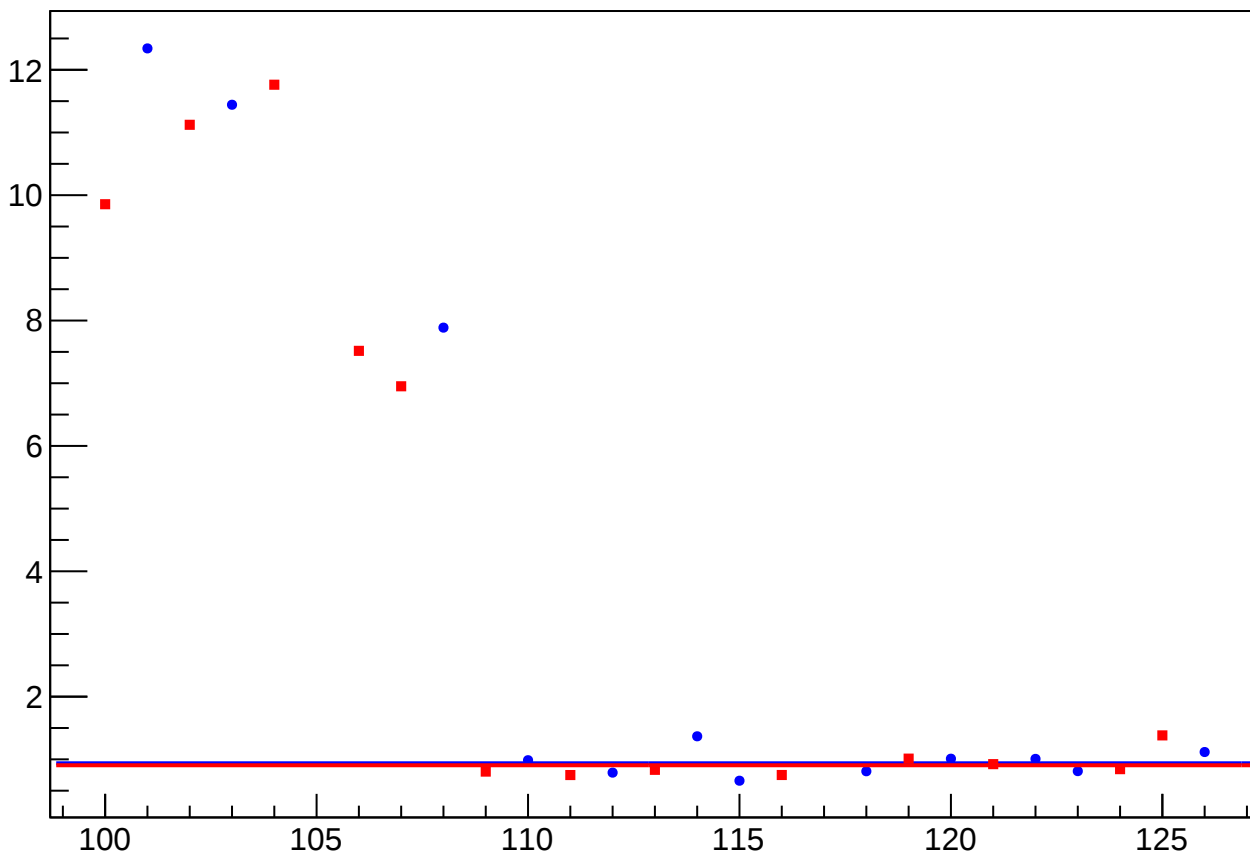
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 10605771.5/24

yield_bcm0l02_mean vs Slug, Sign Corrected



yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.937+/-0.000 χ^2/NDF : 2557701.6/11

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

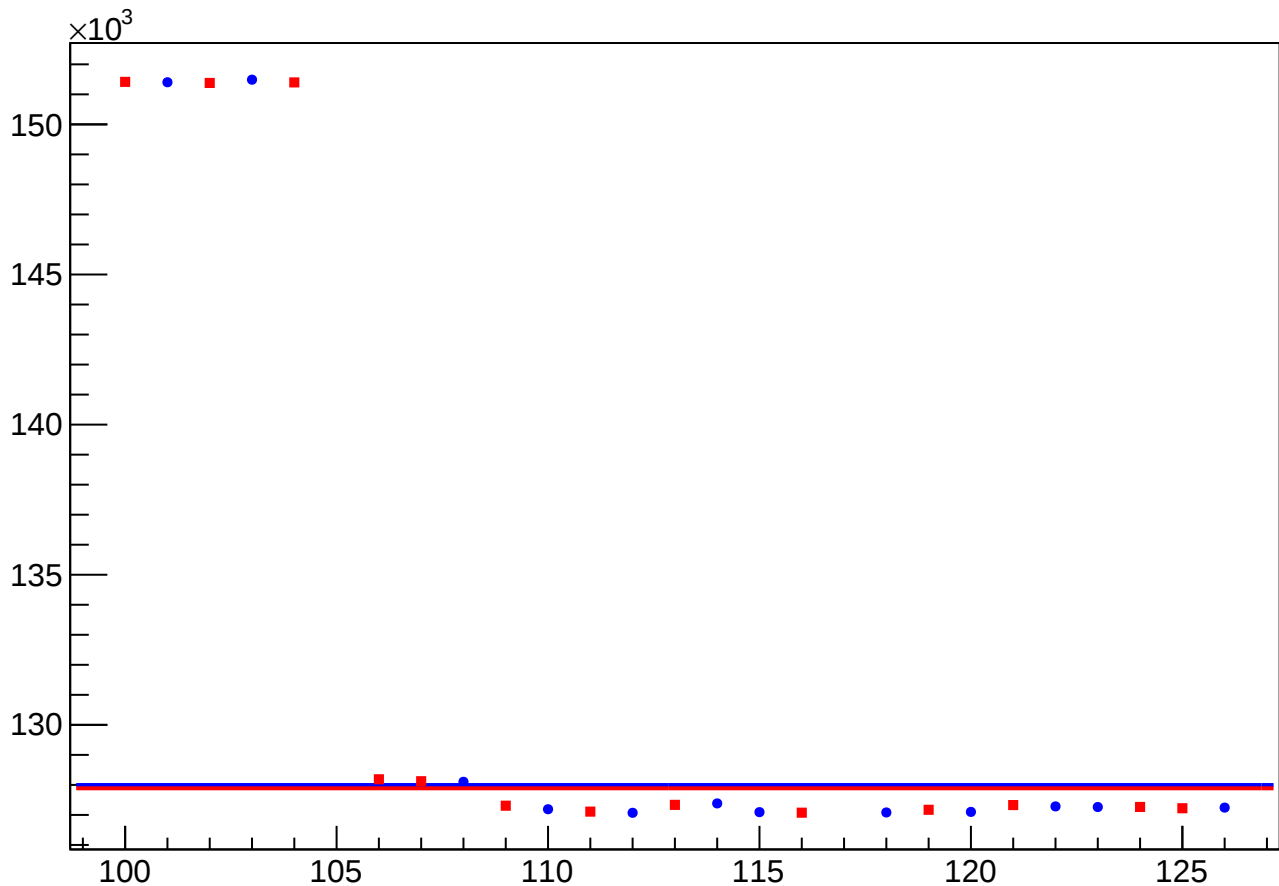
Right: 0.920+/-0.000 χ^2/NDF : 5299512.2/24

In: 0.937+/-0.000 χ^2/NDF :2557701.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

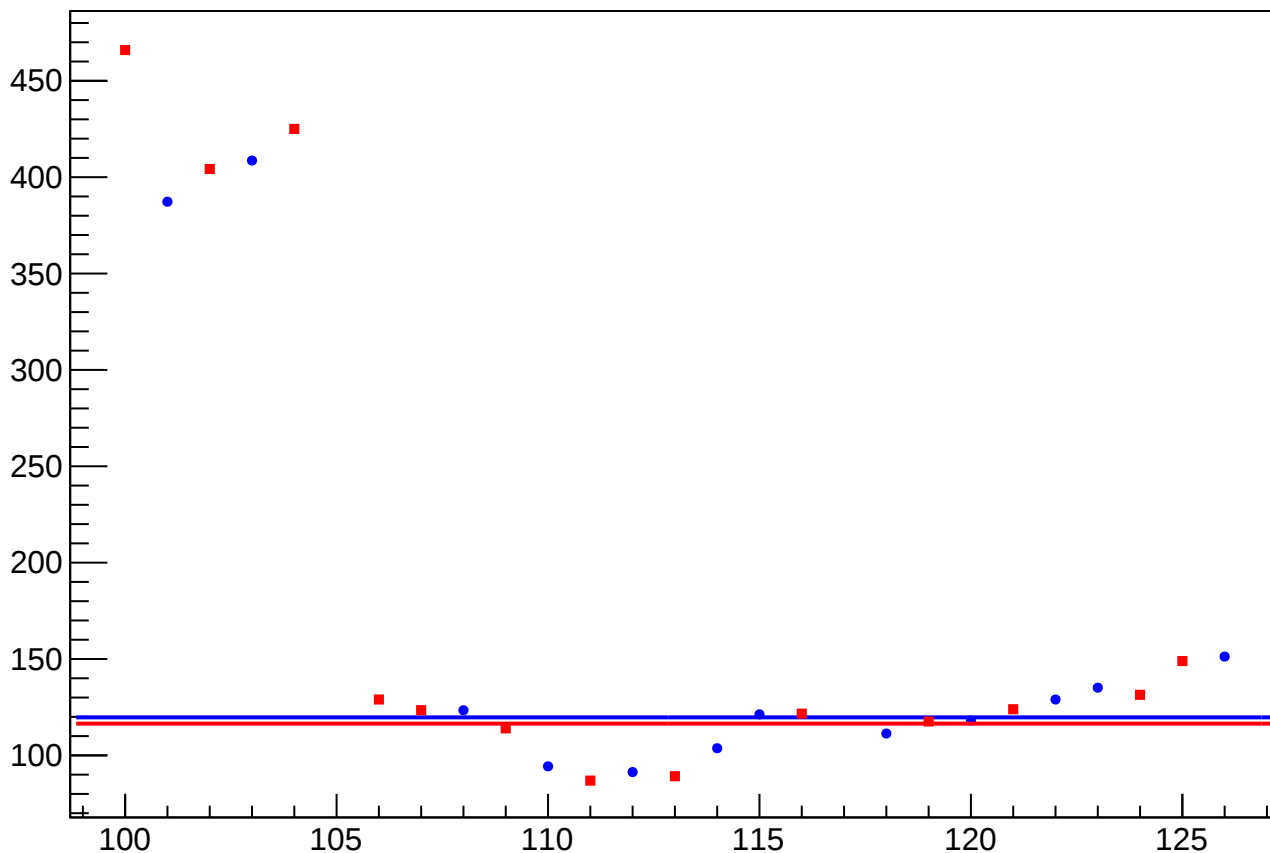
All: 0.920+/-0.000 χ^2/NDF : 5299512.2/24

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 127995.633 $\pm$ 0.065 χ^2 /NDF: 4162147158.9/11
 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
 All: 127935.599 $\pm$ 0.043 χ^2 /NDF: 7801266401.2/11
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 127935.599 $\pm$ 0.043 χ^2 /NDF: 7801266401.2/11
 In: 127995.633 $\pm$ 0.065 χ^2 /NDF:4162147158.9/11
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 119.719+/-0.046 χ^2/NDF : 1303362.9/11

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

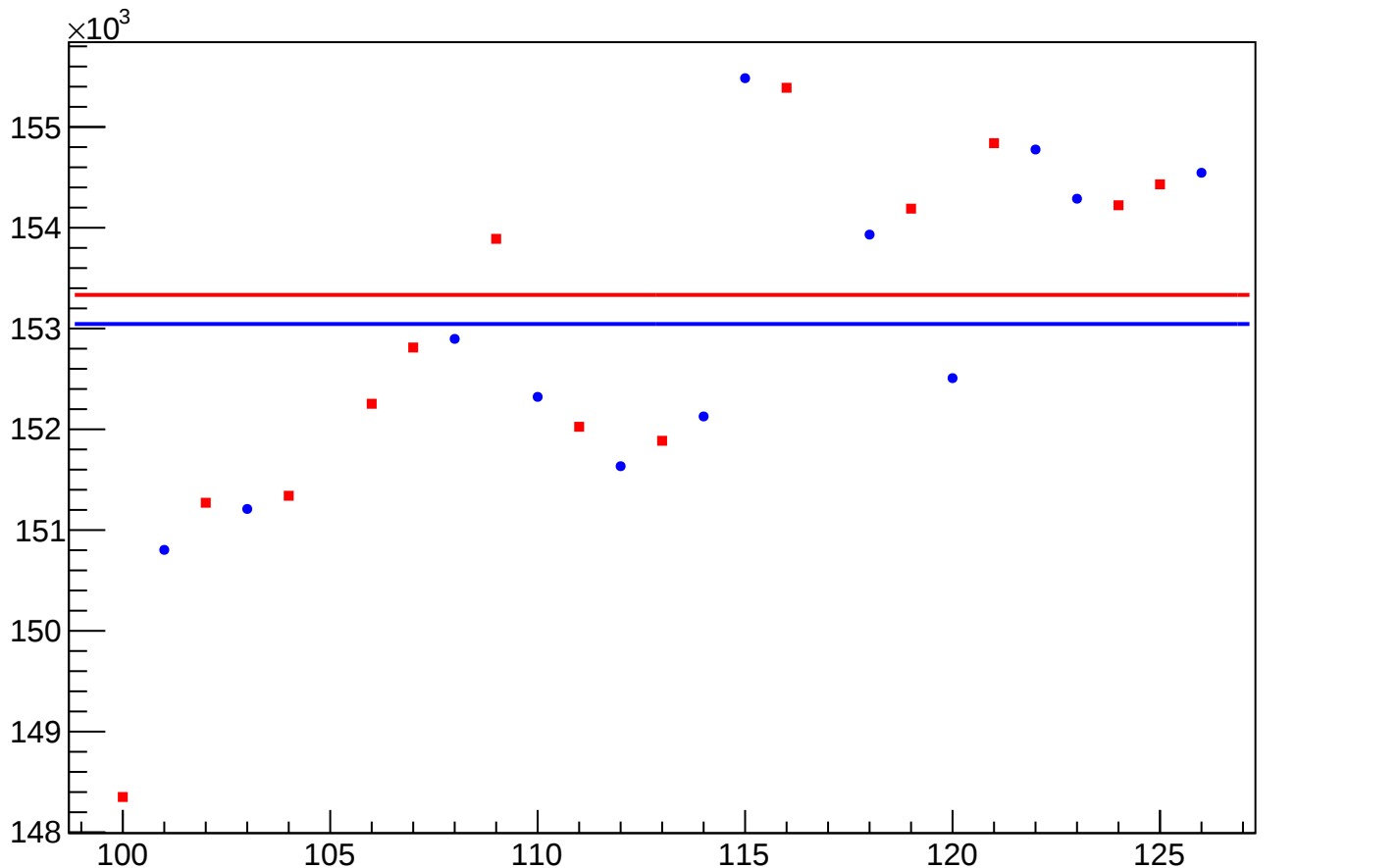
Right: 117.931+/-0.031 χ^2/NDF : 2676434.2/24

In: 119.719+/-0.046 χ^2/NDF : 1303362.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

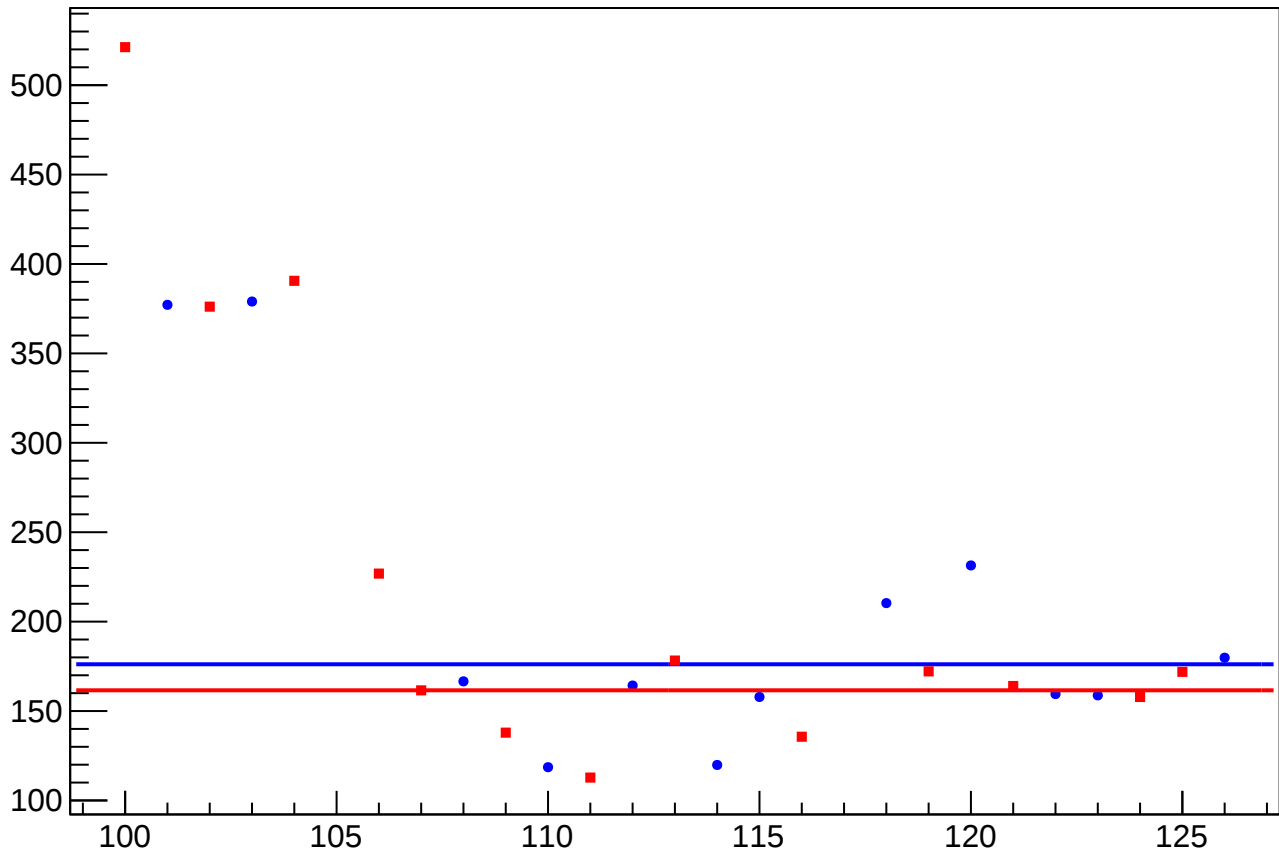
All: 117.931+/-0.031 χ^2/NDF : 2676434.2/24

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 153044.911+/-0.096 χ^2 /NDF: 181289512.6/11
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 153211.913+/-0.062 χ^2 /NDF: 421400095.9/2
 In: 153044.911+/-0.096 χ^2 /NDF: 181289512.6/11
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 153211.913+/-0.062 χ^2 /NDF: 421400095.9/2

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 176.156+/-0.068 χ^2/NDF : 908112.0/11

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

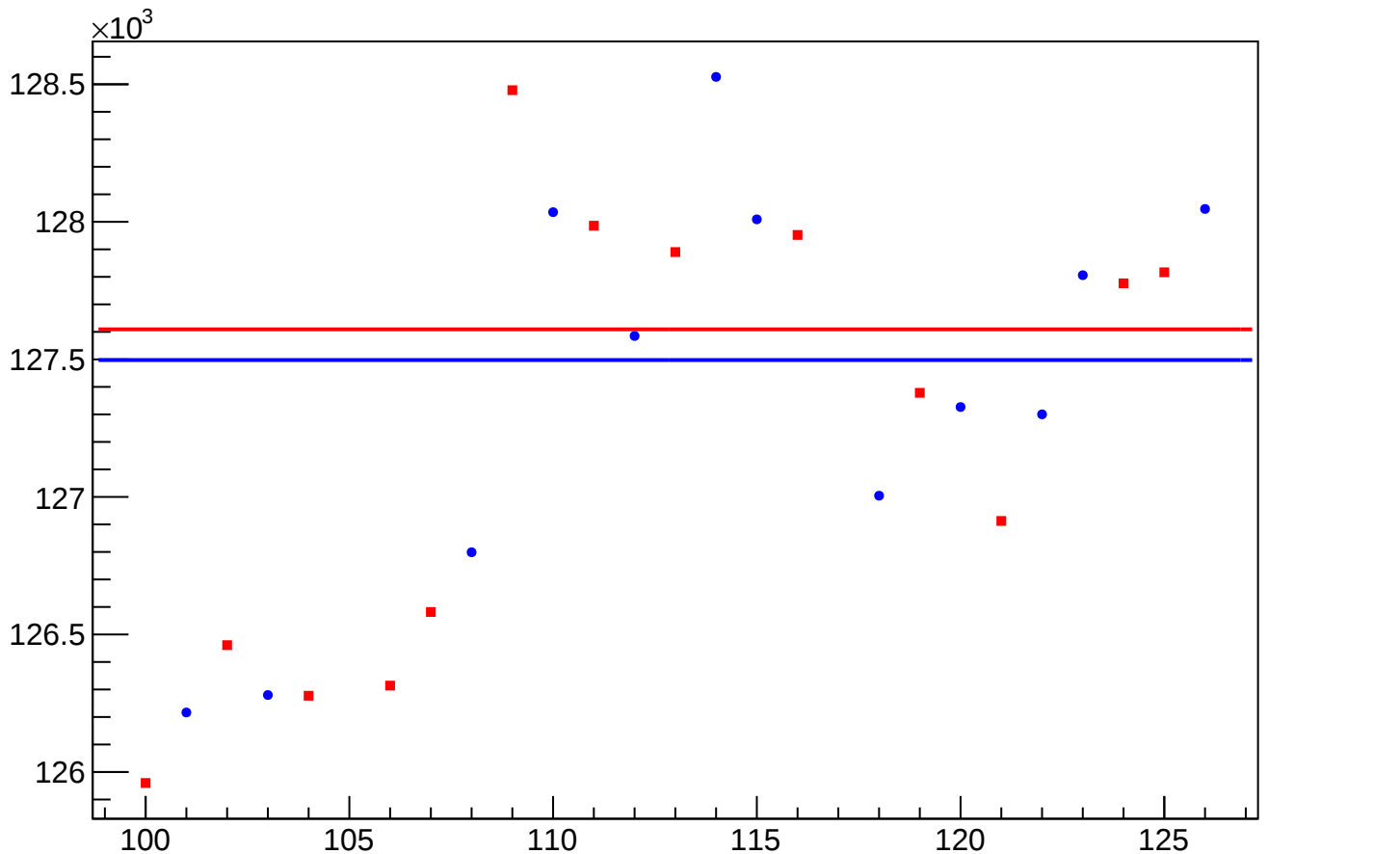
Right: 167.733+/-0.044 χ^2/NDF : 1941460.9/24

In: 176.156+/-0.068 χ^2/NDF : 908112.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

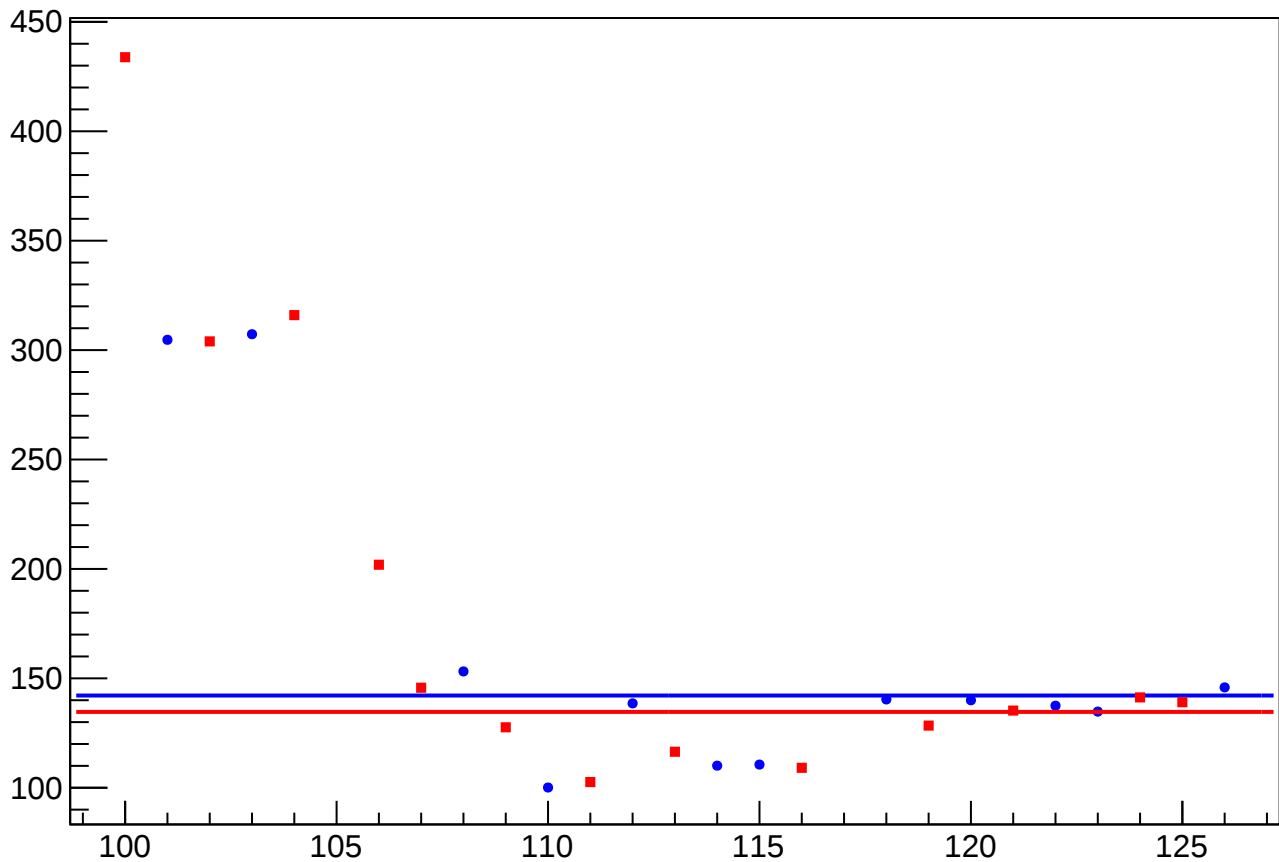
All: 167.733+/-0.044 χ^2/NDF : 1941460.9/24

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127497.626 $\pm$ 0.075 χ^2 /NDF: 61046013.9/11
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 127609.188 $\pm$ 0.066 χ^2 /NDF: 90901997.9/12
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 127560.175 $\pm$ 0.050 χ^2 /NDF: 153194988.3/20
 In: 127497.626 $\pm$ 0.075 χ^2 /NDF:61046013.9/11
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 142.149+/-0.053 χ^2/NDF : 822399.9/11

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

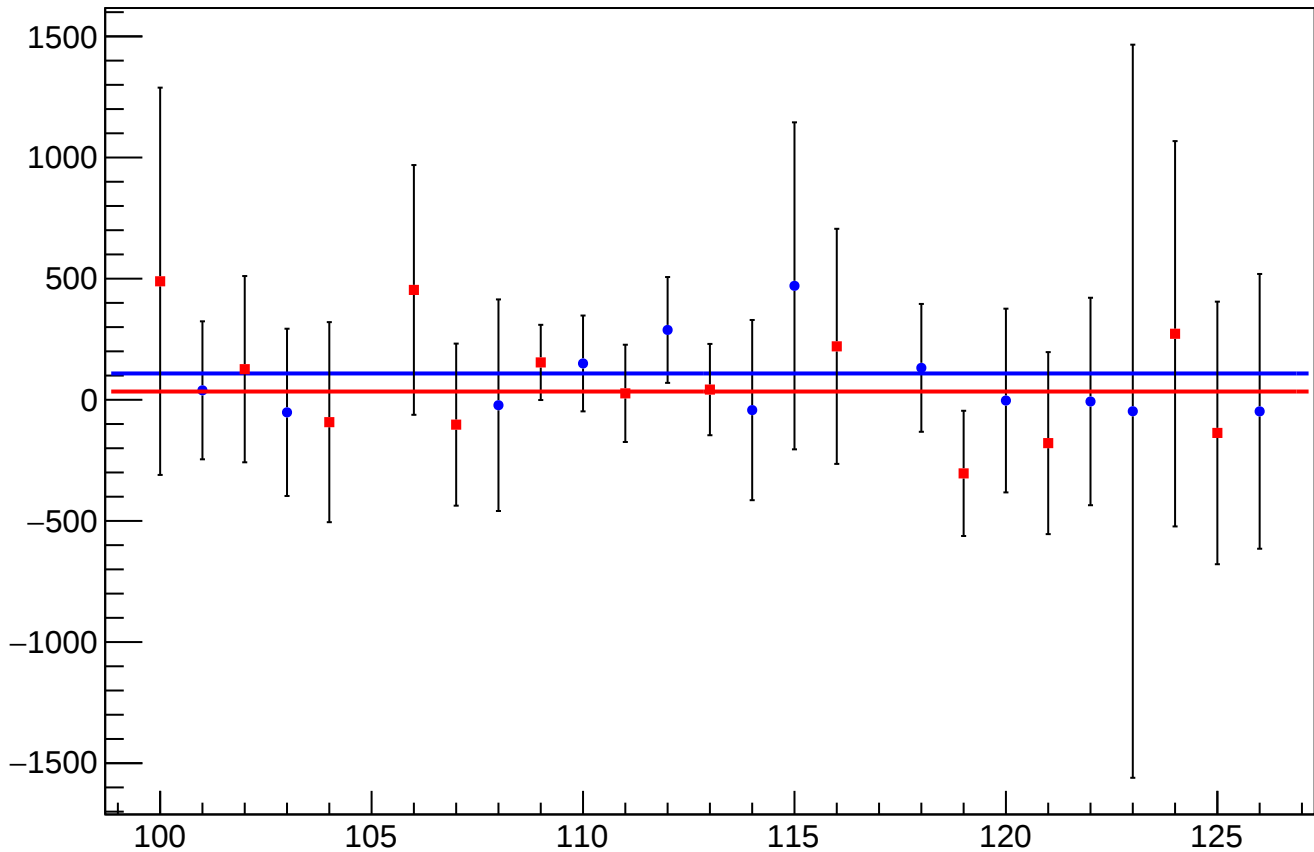
Right: 137.951+/-0.035 χ^2/NDF : 1758255.3/24

In: 142.149+/-0.053 χ^2/NDF : 822399.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.951+/-0.035 χ^2/NDF : 1758255.3/24

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 108.676 $\pm$ 94.392 χ^2 /NDF: 1.8/11

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

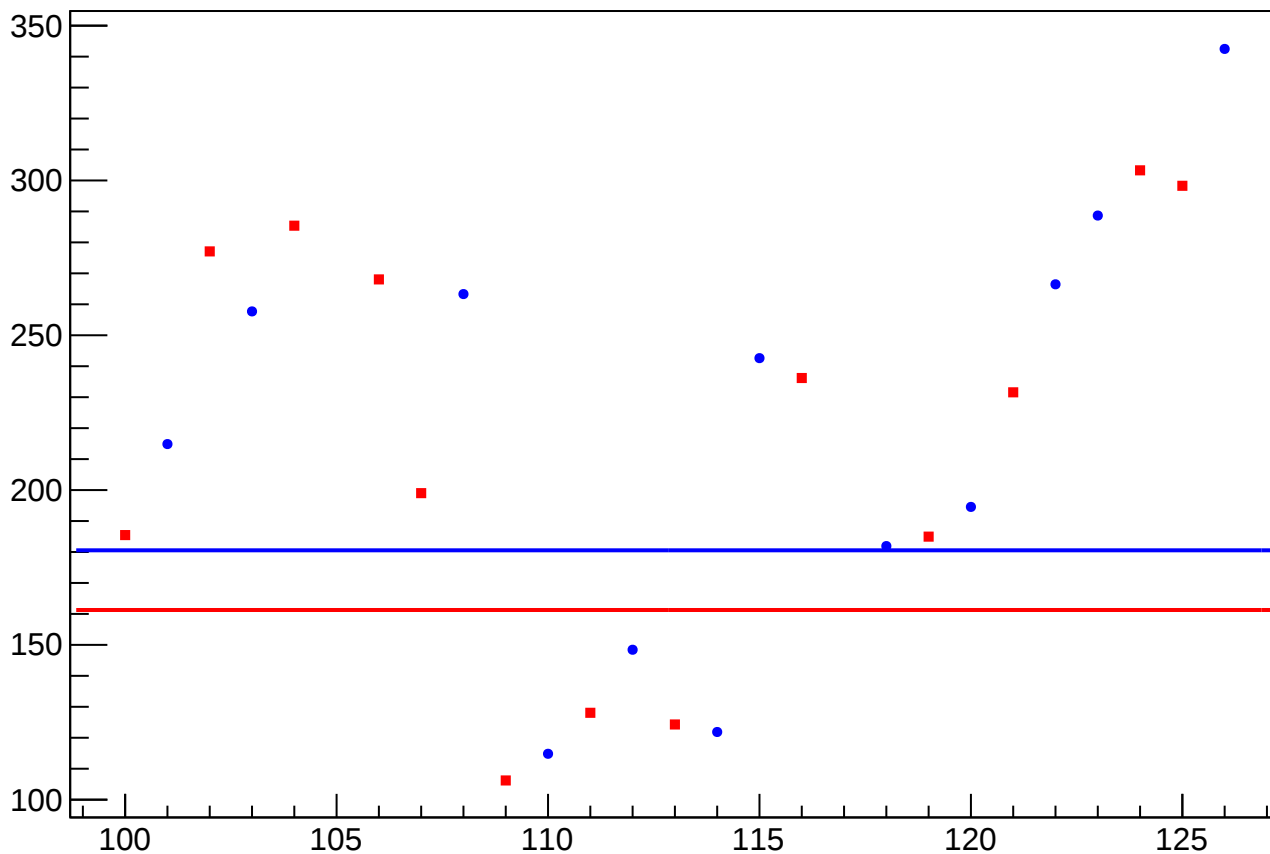
Right: 65.691 $\pm$ 61.437 χ^2 /NDF: 6.4/24

In: 108.676 $\pm$ 94.392 χ^2 /NDF: 1.8/11

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

All: 65.691 $\pm$ 61.437 χ^2 /NDF: 6.4/24

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 180.543+/-0.067 χ^2/NDF : 788248.4/11

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

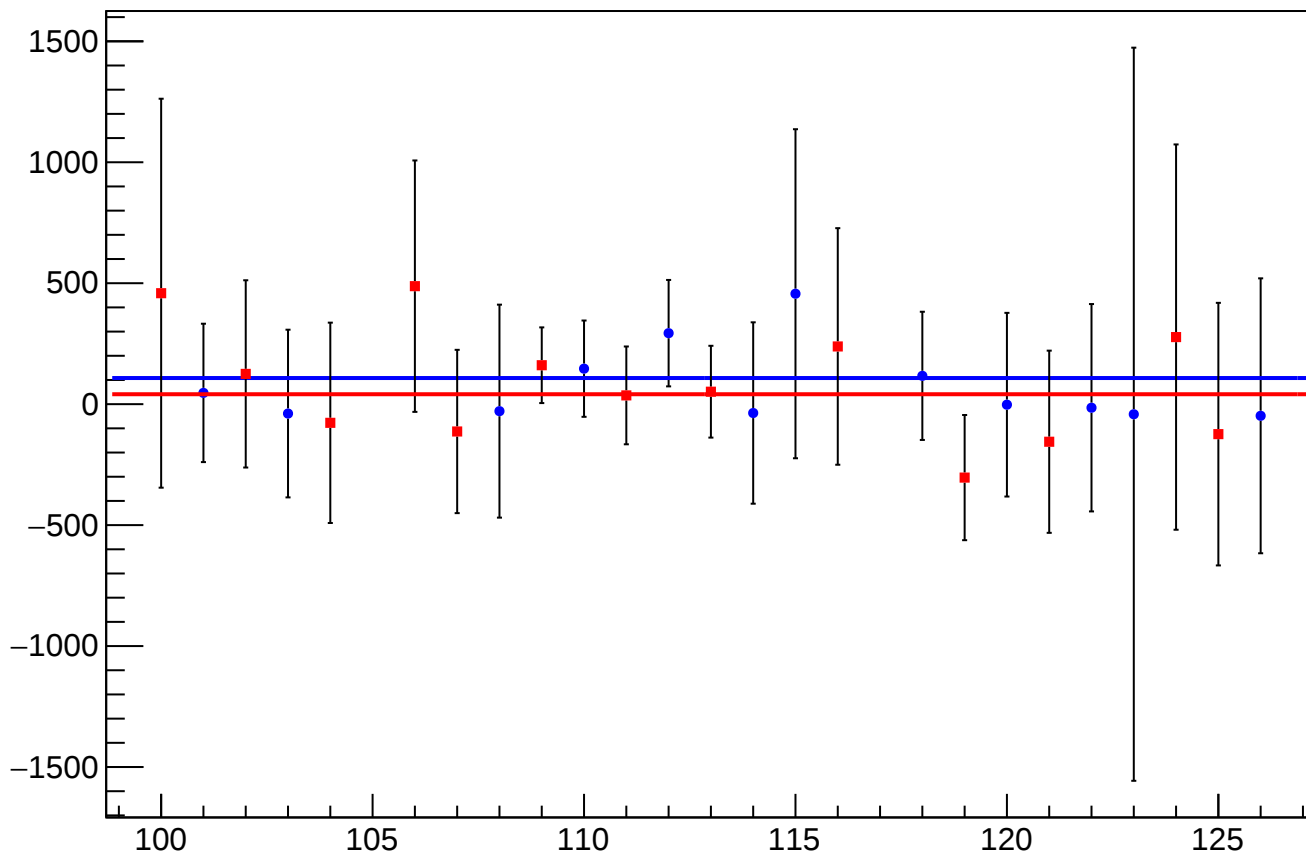
Right: 169.432+/-0.043 χ^2/NDF : 2021412.0/24

In: 180.543+/-0.067 χ^2/NDF :788248.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 169.432+/-0.043 χ^2/NDF : 2021412.0/24

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 108.025+/-94.894 χ^2/NDF : 1.7/11

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

Right Out: 41.046+/-81.440 χ^2/NDF : 4.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

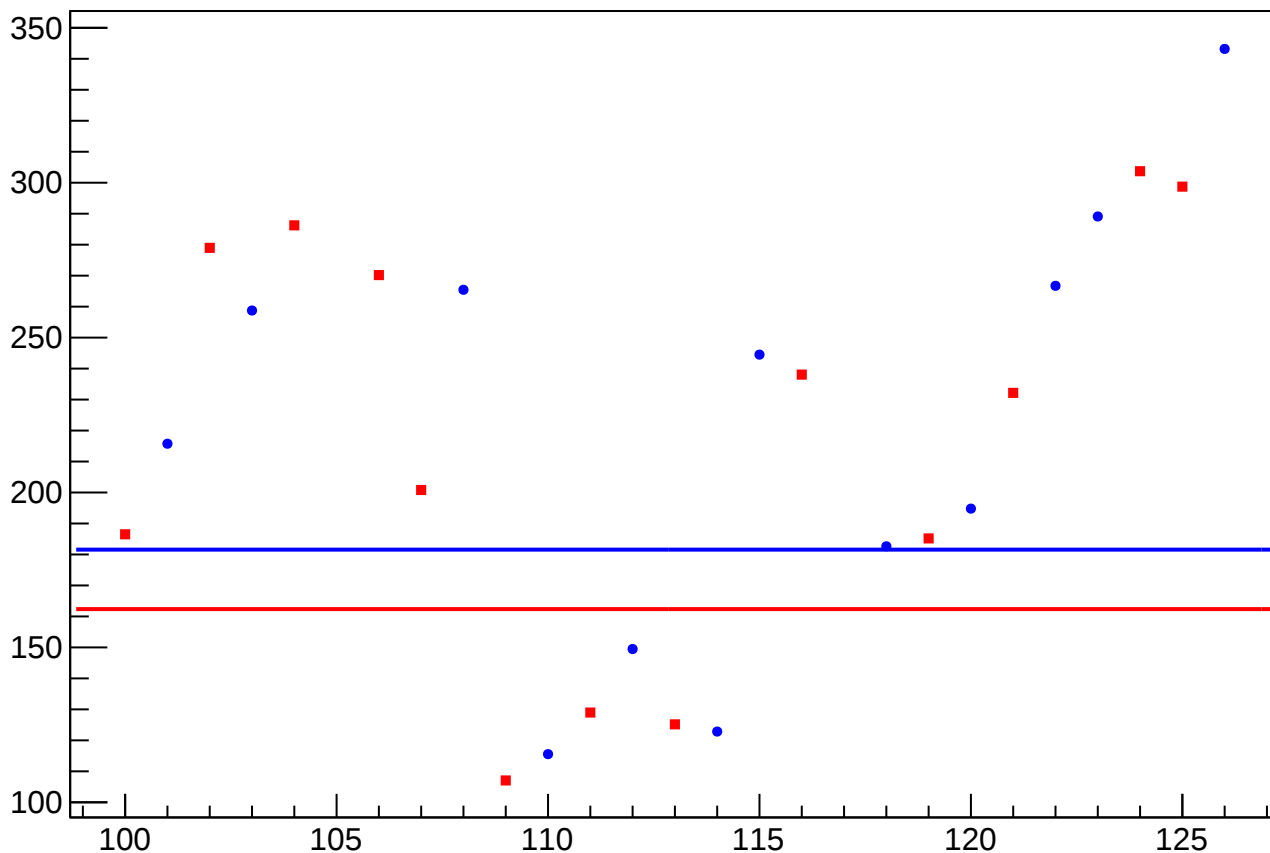
Right: 69.454+/-61.801 χ^2/NDF : 6.3/24

In: 108.025+/-94.894 χ^2/NDF : 1.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.454+/-61.801 χ^2/NDF : 6.3/24

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 181.562+/-0.067 χ^2/NDF : 782400.7/11

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

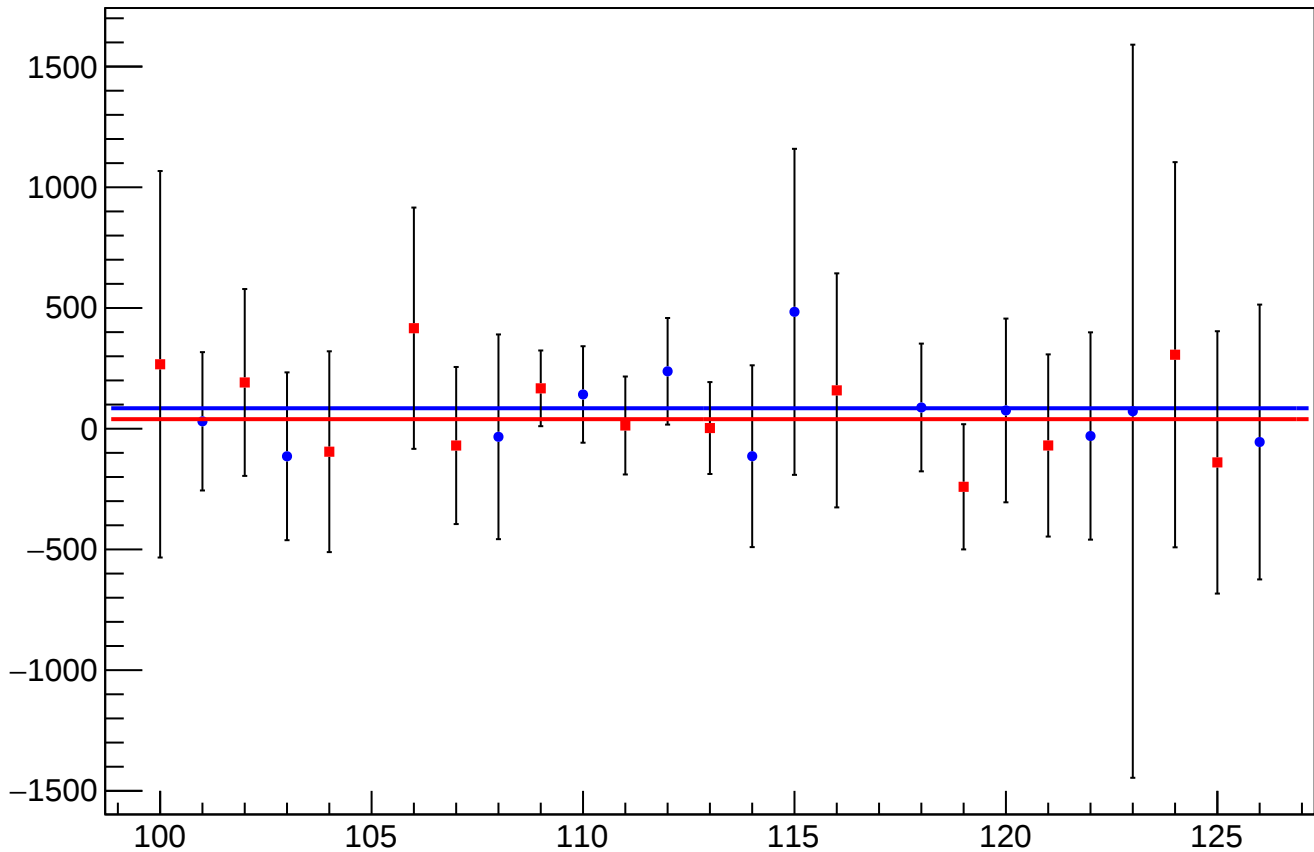
Right: 170.508+/-0.044 χ^2/NDF : 2006749.2/24

In: 181.562+/-0.067 χ^2/NDF : 782400.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.508+/-0.044 χ^2/NDF : 2006749.2/24

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 84.793+/-94.928 χ^2/NDF : 1.8/11

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

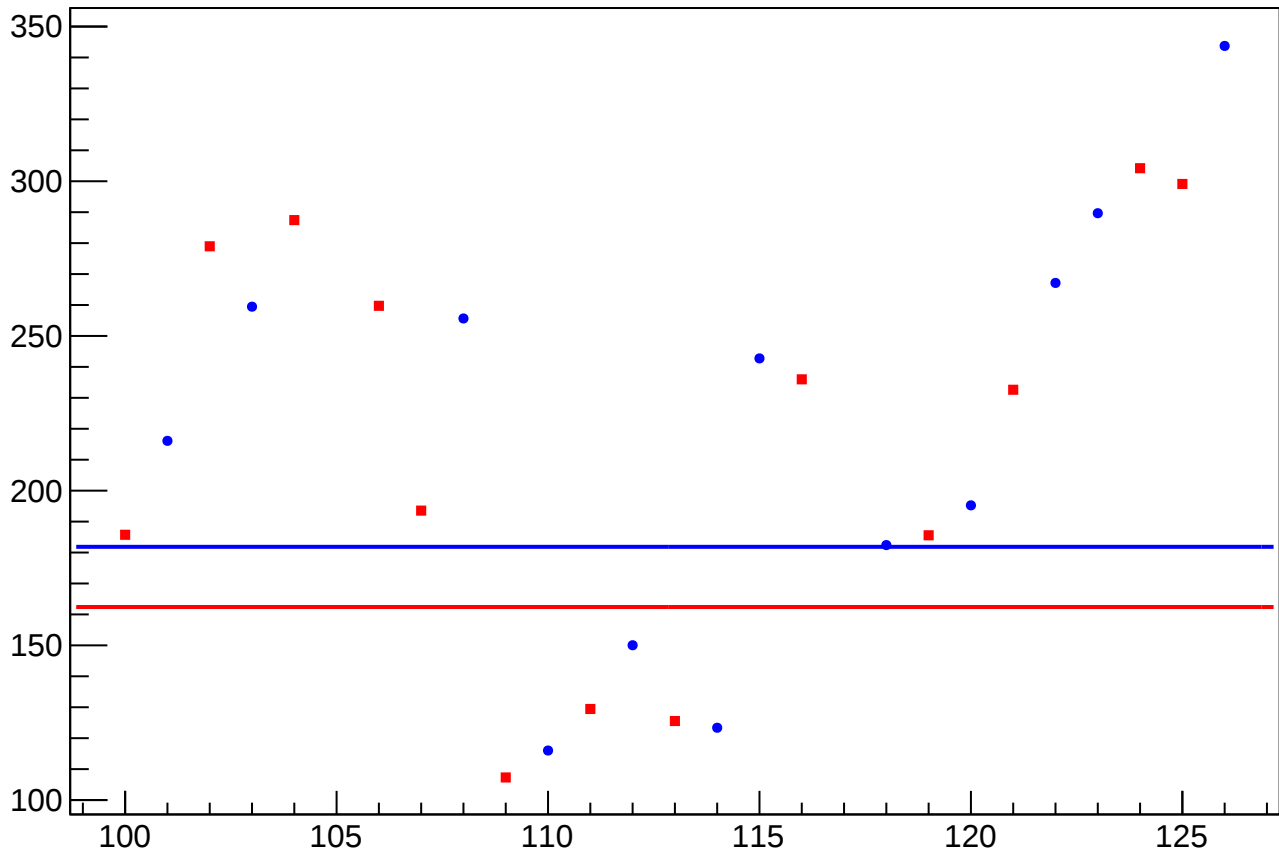
Right: 58.709+/-61.763 χ^2/NDF : 5.2/24

In: 84.793+/-94.928 χ^2/NDF : 1.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.709+/-61.763 χ^2/NDF : 5.2/24

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 181.847+/-0.067 χ^2/NDF : 765402.7/11

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

Right Out: 162.393+/-0.058 χ^2/NDF : 1154160.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

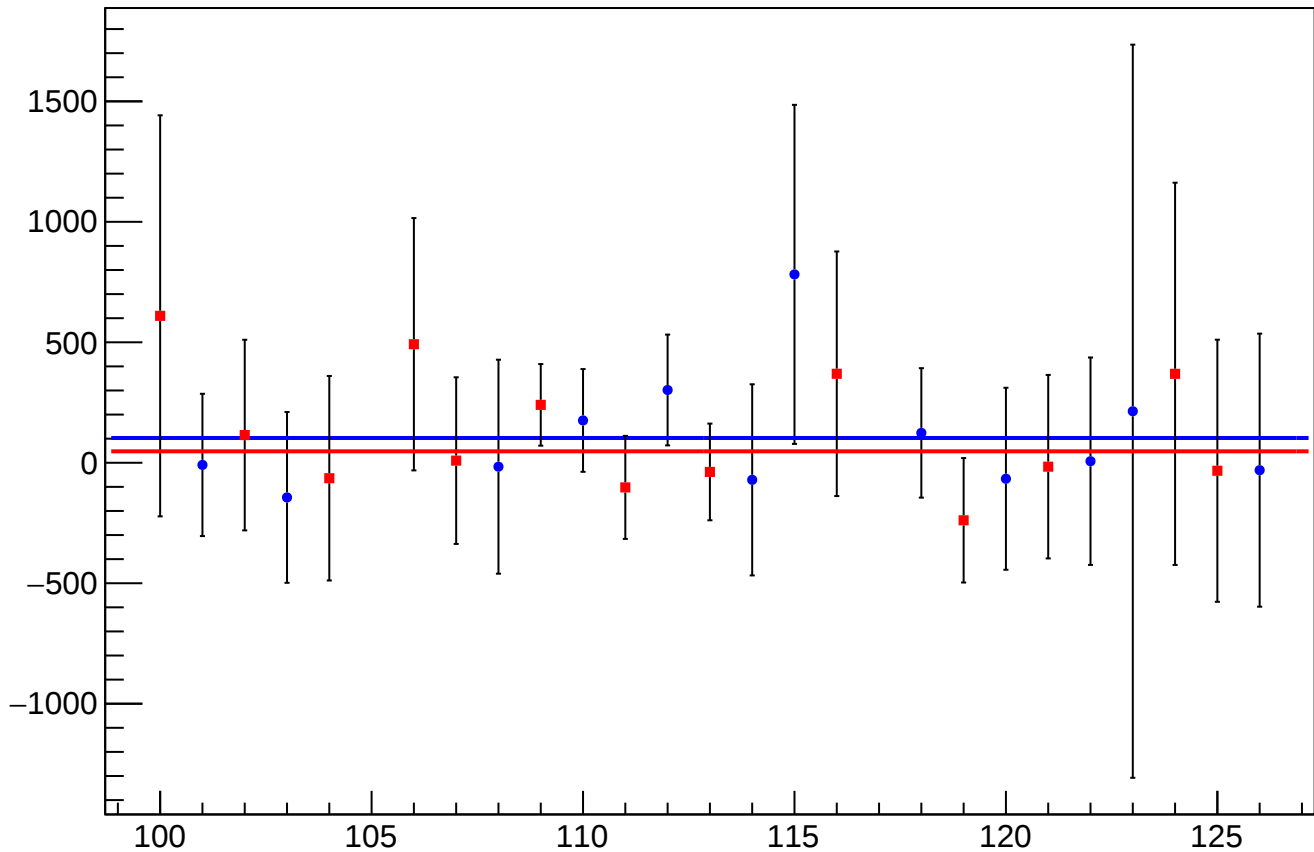
Right: 170.628+/-0.044 χ^2/NDF : 1968004.5/24

In: 181.847+/-0.067 χ^2/NDF : 765402.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.628+/-0.044 χ^2/NDF : 1968004.5/24

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 102.880+/-98.252 χ^2/NDF : 3.0/11

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

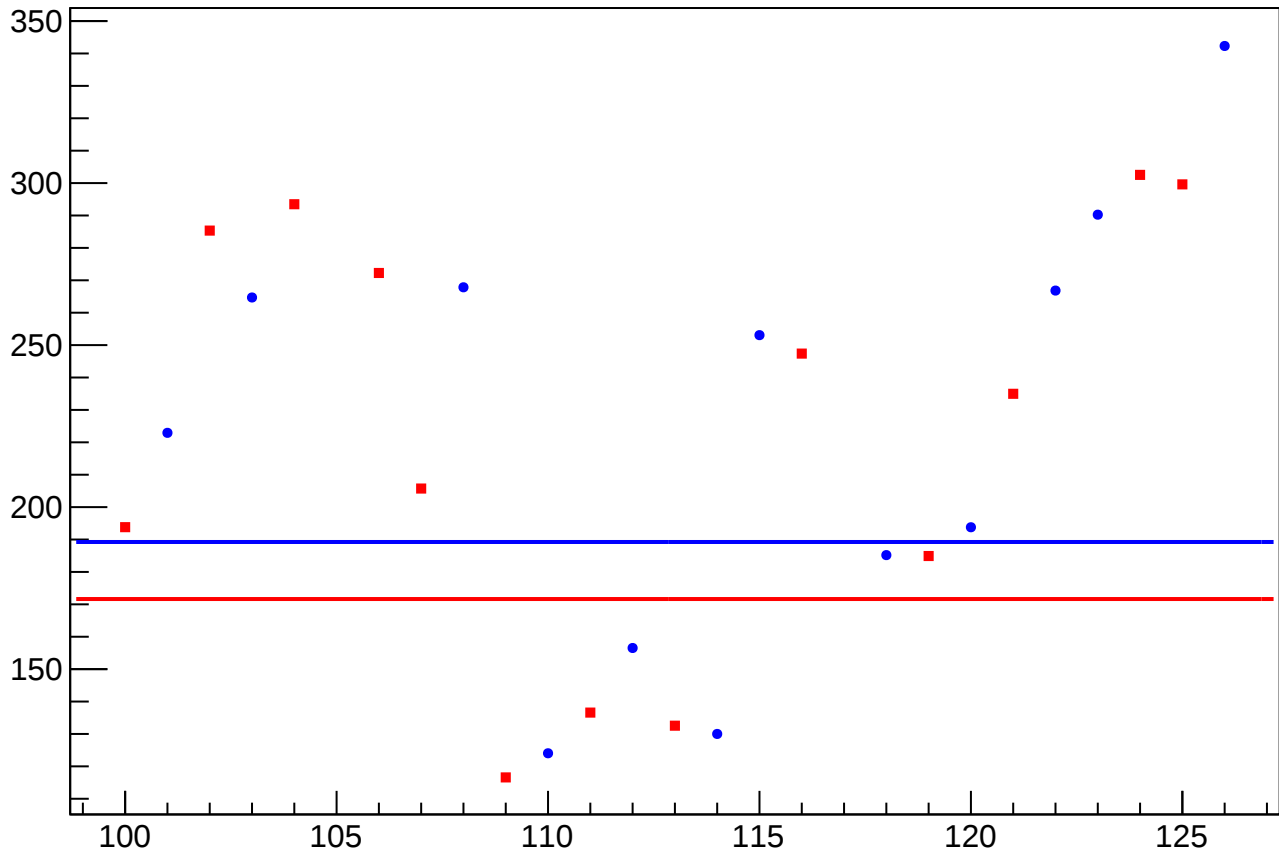
Right: 71.261+/-64.372 χ^2/NDF : 8.3/24

In: 102.880+/-98.252 χ^2/NDF : 3.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.261+/-64.372 χ^2/NDF : 8.3/24

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 189.242+/-0.069 χ^2/NDF : 688374.3/11

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

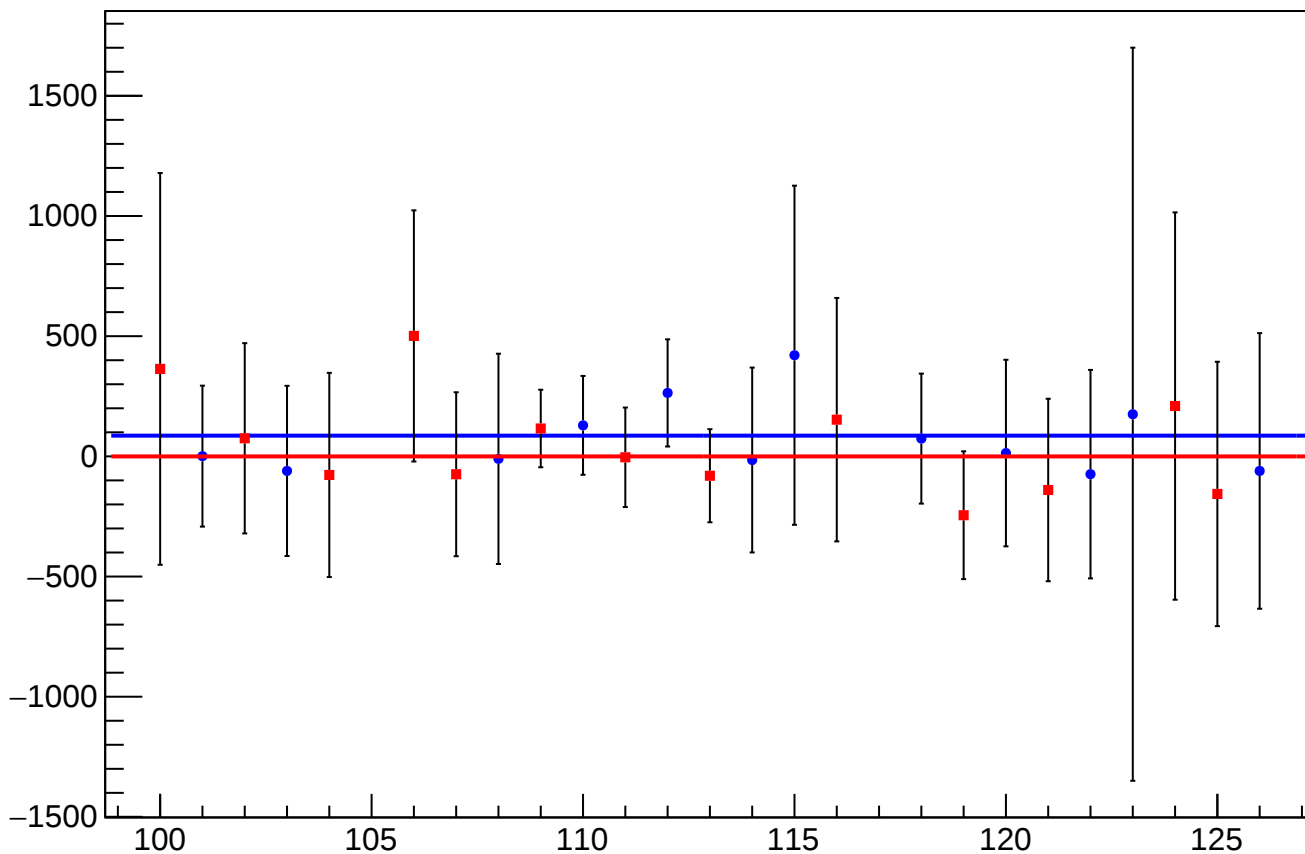
Right: 179.195+/-0.046 χ^2/NDF : 1761138.9/24

In: 189.242+/-0.069 χ^2/NDF : 688374.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.195+/-0.046 χ^2/NDF : 1761138.9/24

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 86.153+/-96.906 χ^2/NDF : 1.5/11

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

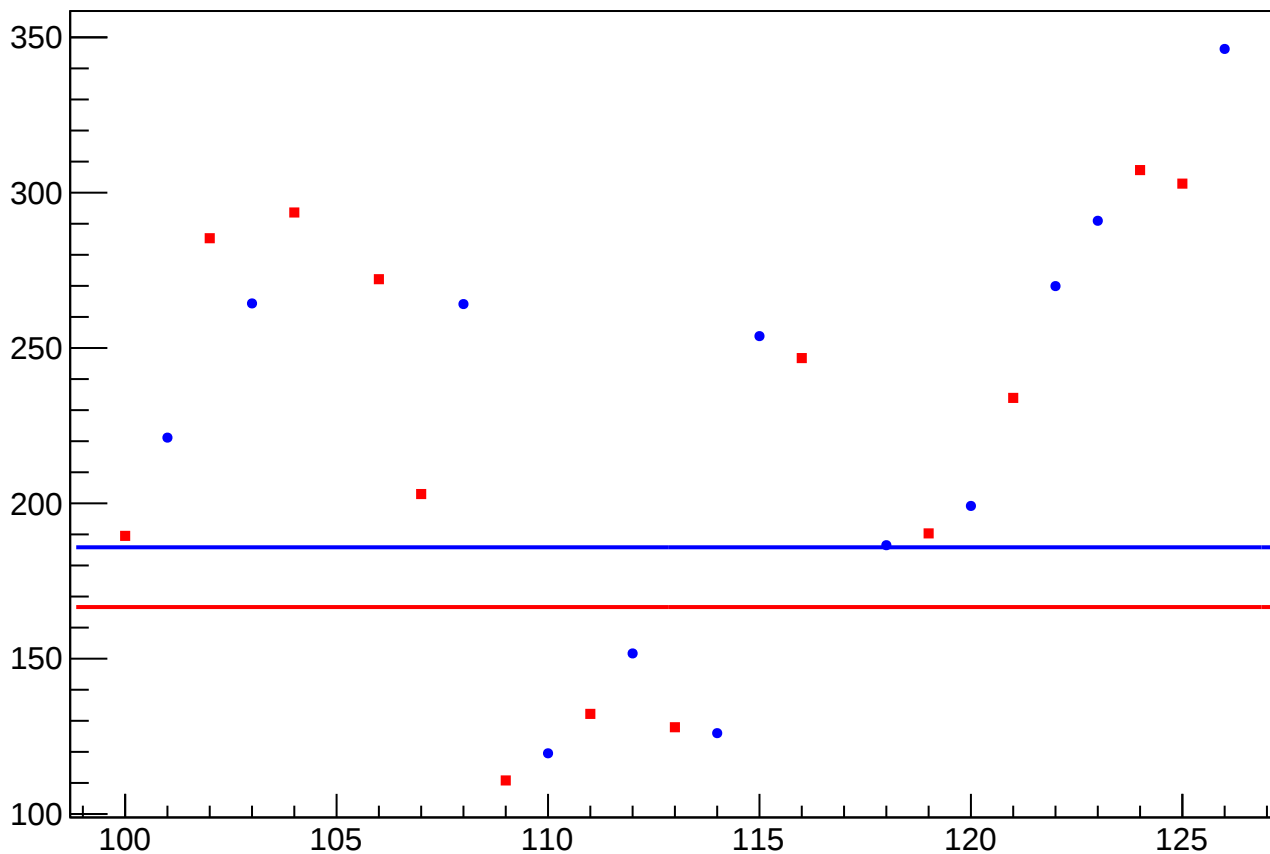
Right: 36.518+/-63.190 χ^2/NDF : 5.1/24

In: 86.153+/-96.906 χ^2/NDF : 1.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.518+/-63.190 χ^2/NDF : 5.1/24

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 185.854+/-0.069 χ^2/NDF : 756943.4/11

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

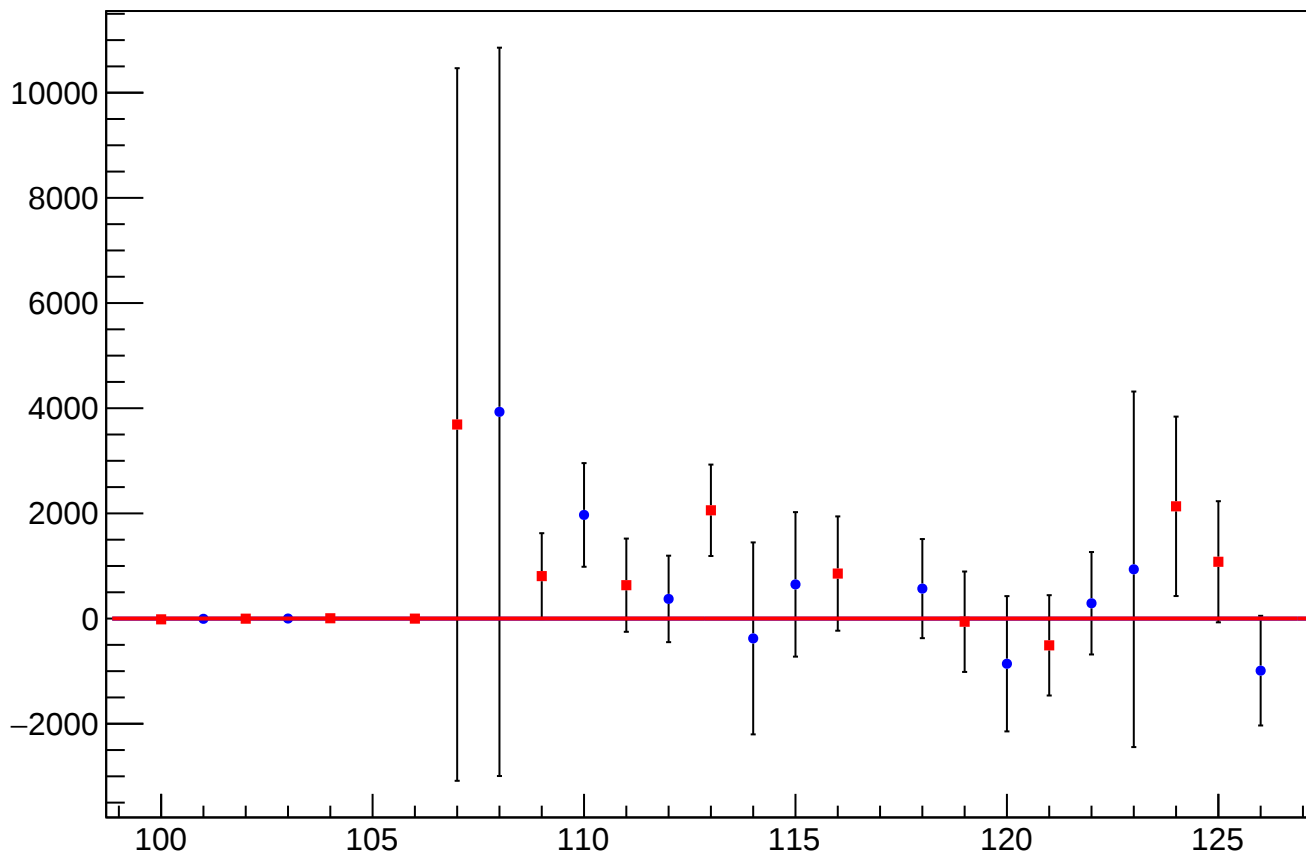
Right: 174.796+/-0.045 χ^2/NDF : 1954061.6/24

In: 185.854+/-0.069 χ^2/NDF : 756943.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.796+/-0.045 χ^2/NDF : 1954061.6/24

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.508+/-2.251 χ^2/NDF : 8.0/11

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

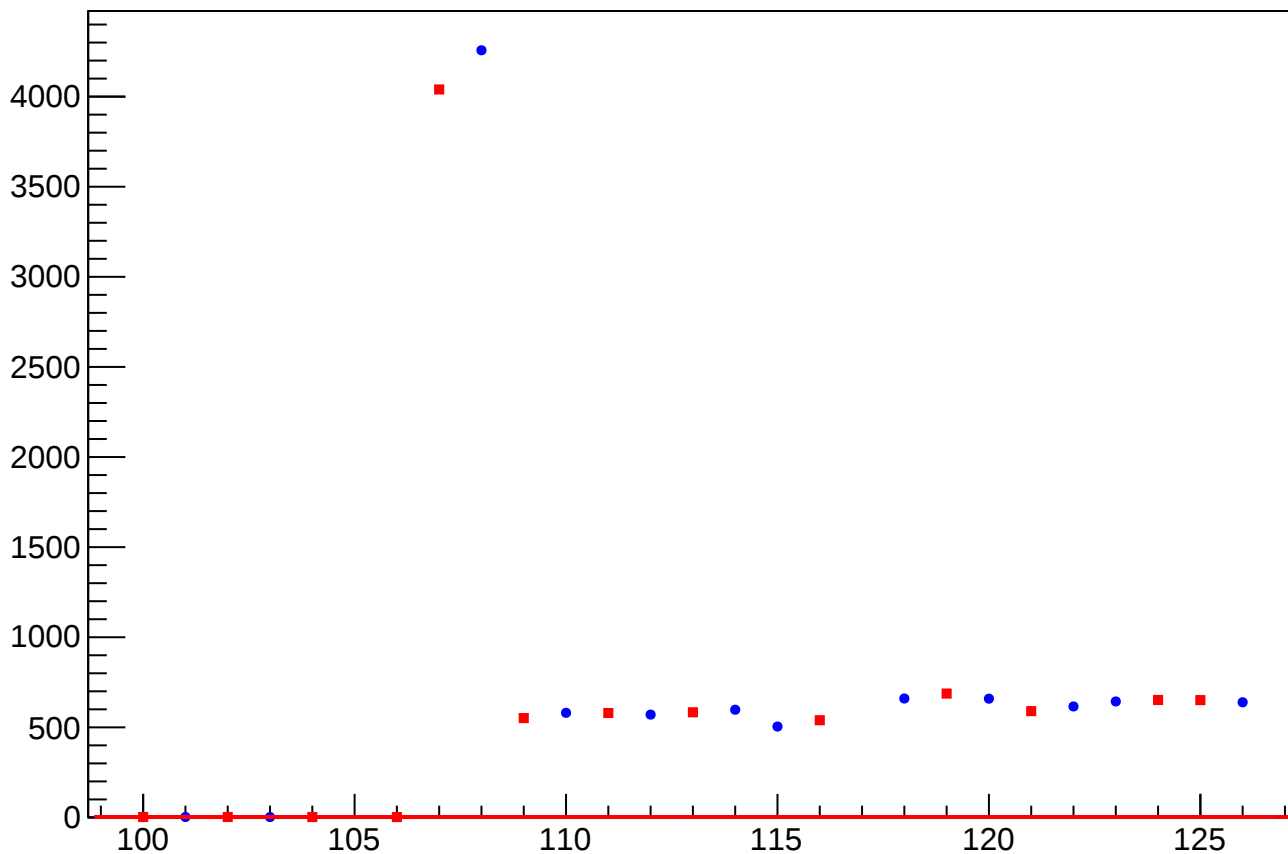
Right: -0.311+/-1.540 χ^2/NDF : 25.2/24

In: -1.508+/-2.251 χ^2/NDF : 8.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.311+/-1.540 χ^2/NDF : 25.2/24

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.433+/-0.002 χ^2/NDF : 5998192.4/11

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

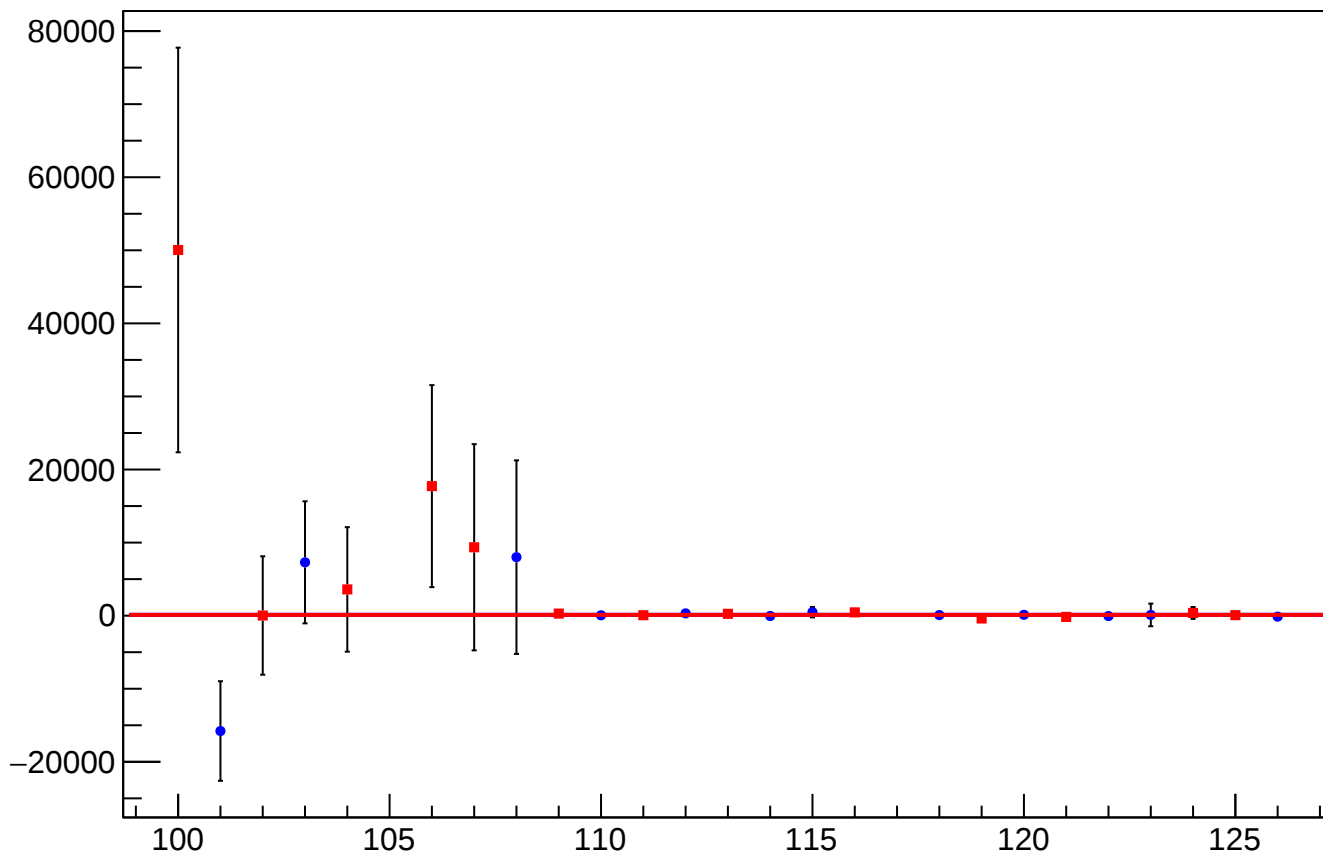
Right: 2.425+/-0.001 χ^2/NDF : 12569350.1/24

In: 2.433+/-0.002 χ^2/NDF : 5998192.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.425+/-0.001 χ^2/NDF : 12569350.1/24

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 114.888+/-113.529 χ^2/NDF : 8.2/11

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

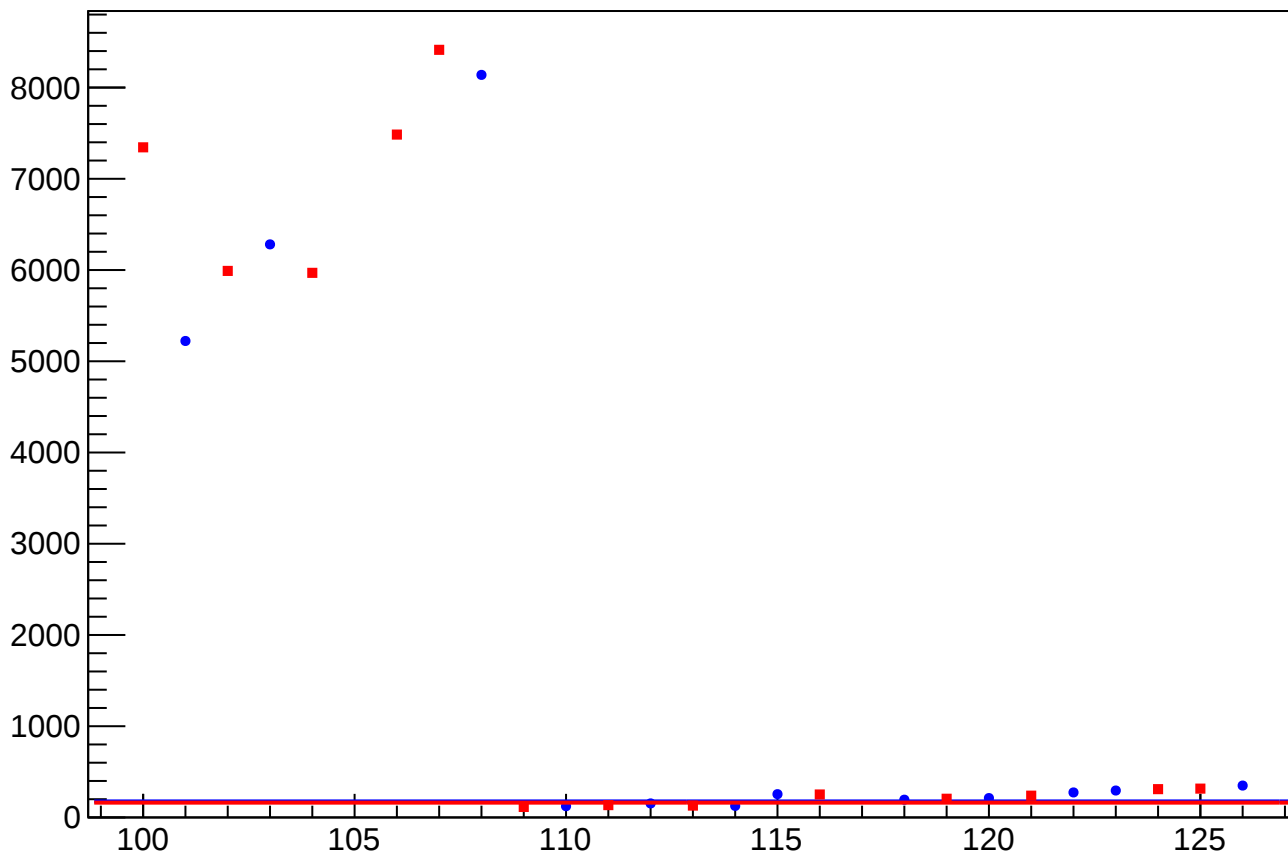
Right: 111.223+/-76.335 χ^2/NDF : 19.0/24

In: 114.888+/-113.529 χ^2/NDF : 8.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.223+/-76.335 χ^2/NDF : 19.0/24

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 175.841+/-0.080 χ^2/NDF : 3403813.3/11

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

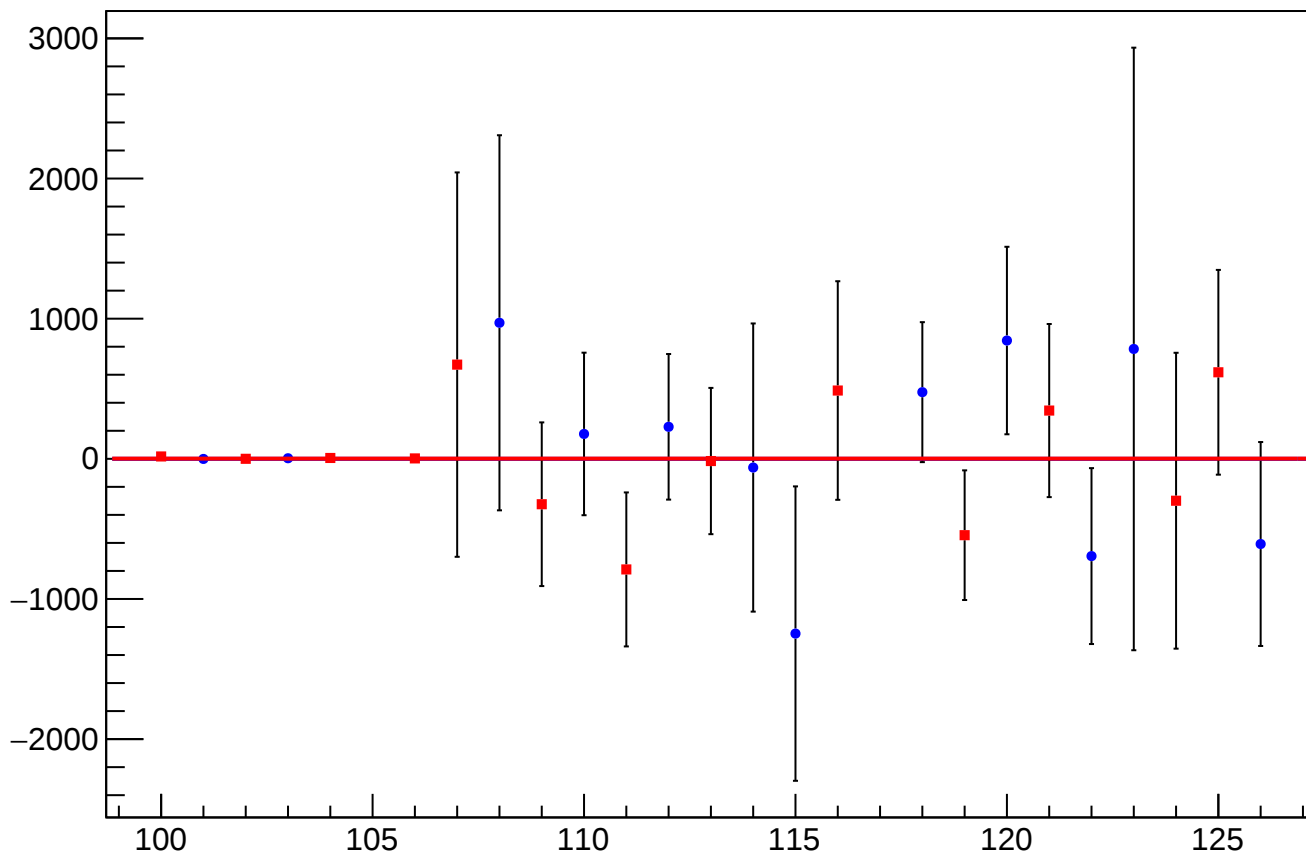
Right: 168.454+/-0.054 χ^2/NDF : 7324419.8/24

In: 175.841+/-0.080 χ^2/NDF :3403813.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 168.454+/-0.054 χ^2/NDF : 7324419.8/24

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.154+/-1.737 χ^2/NDF : 7.6/11

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

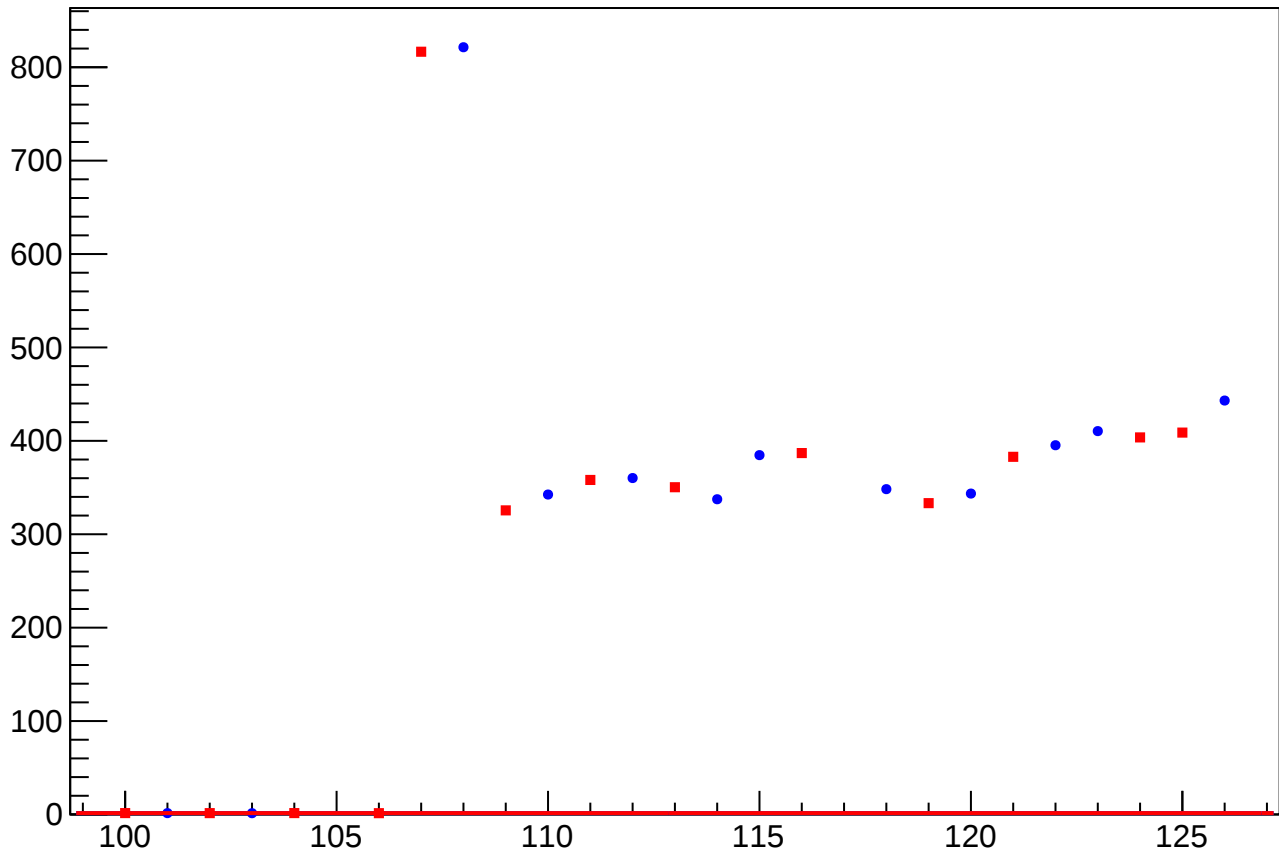
Right: 0.636+/-1.186 χ^2/NDF : 16.2/24

In: -0.154+/-1.737 χ^2/NDF :7.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.636+/-1.186 χ^2/NDF : 16.2/24

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.434+/-0.001 χ^2/NDF : 5963089.5/11

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

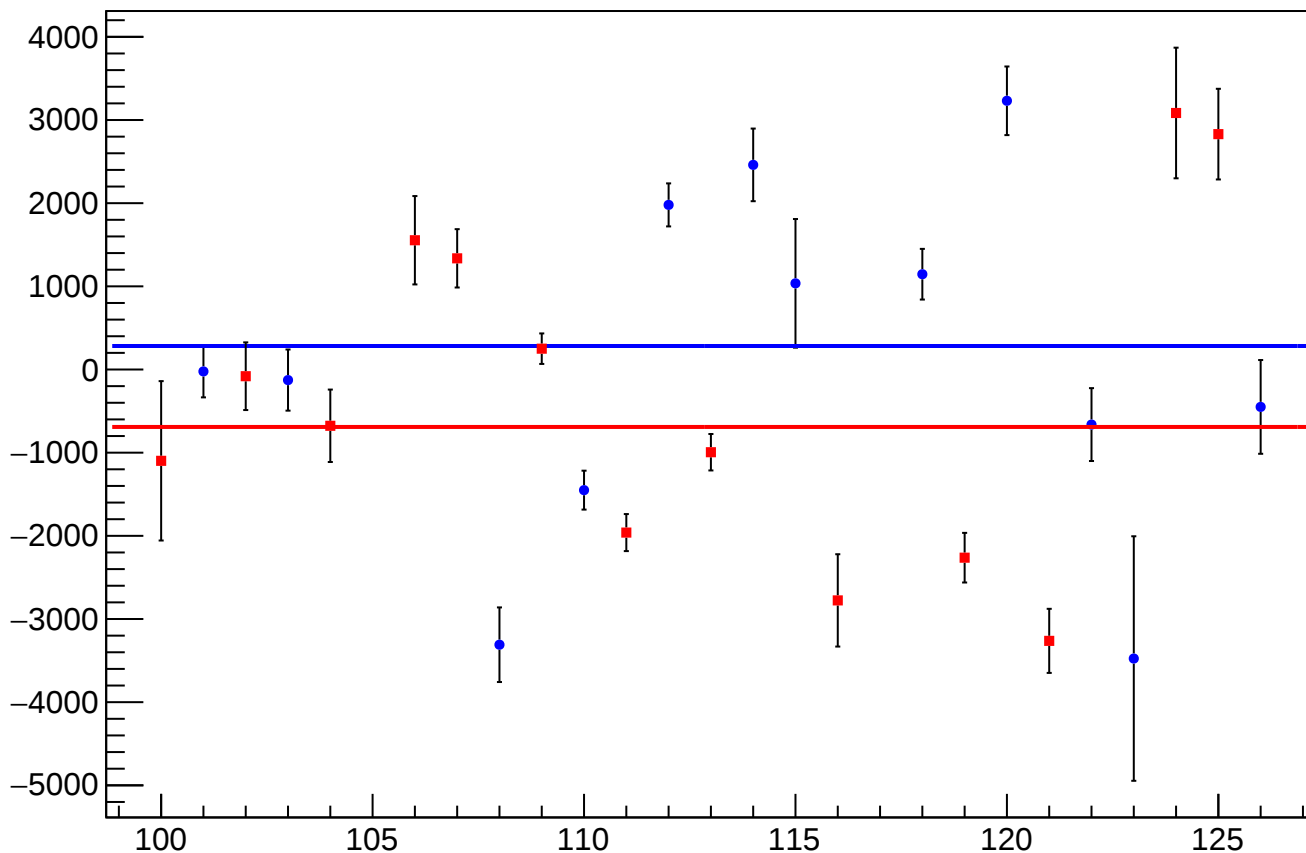
Right: 1.435+/-0.001 χ^2/NDF : 12217487.2/24

In: 1.434+/-0.001 χ^2/NDF : 5963089.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.435+/-0.001 χ^2/NDF : 12217487.2/24

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 282.701+/-106.458 χ^2/NDF : 262.0/11

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

Right Out: -690.727+/-90.906 χ^2/NDF : 265.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

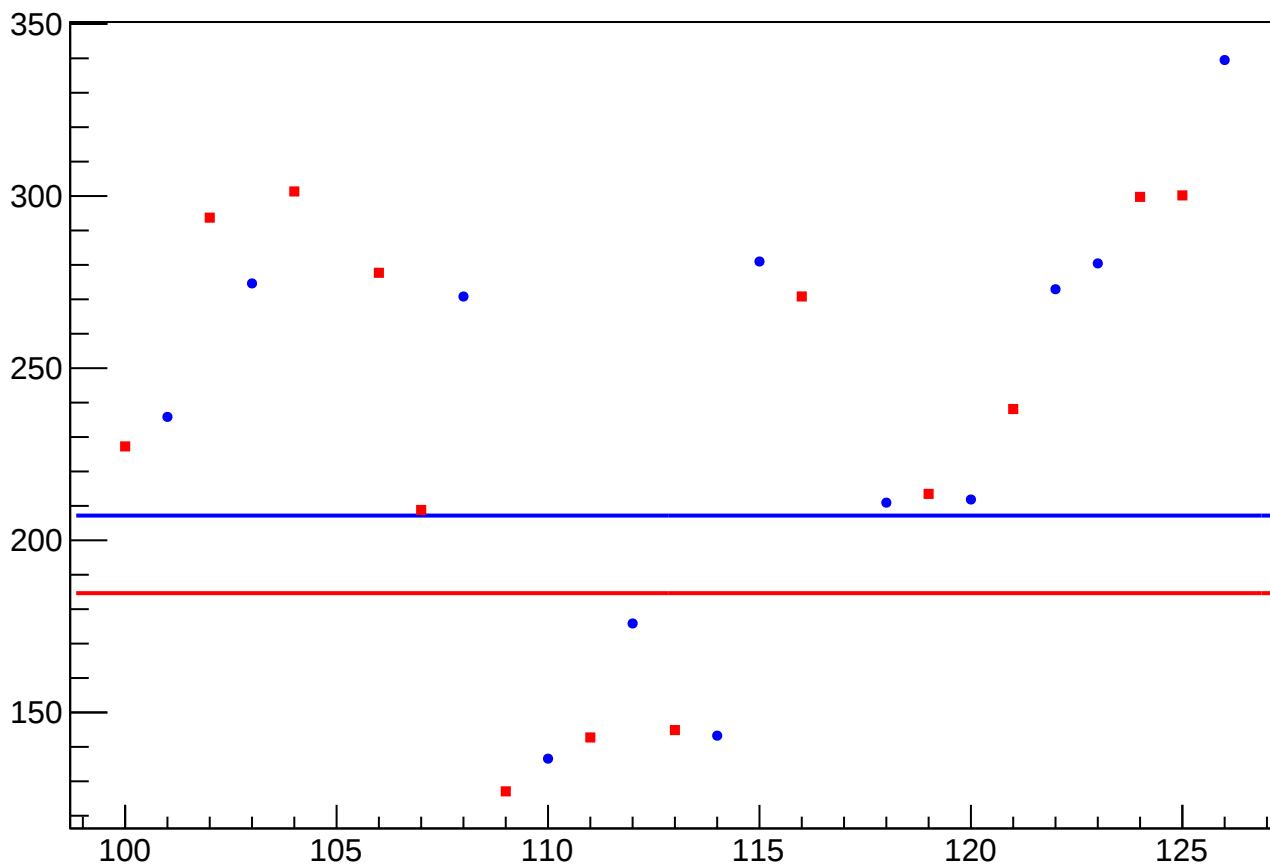
Right: -280.245+/-69.131 χ^2/NDF : 576.1/24

In: 282.701+/-106.458 χ^2/NDF : 262.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -280.245+/-69.131 χ^2/NDF : 576.1/24

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 207.187+/-0.075 χ^2/NDF : 557772.4/11

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

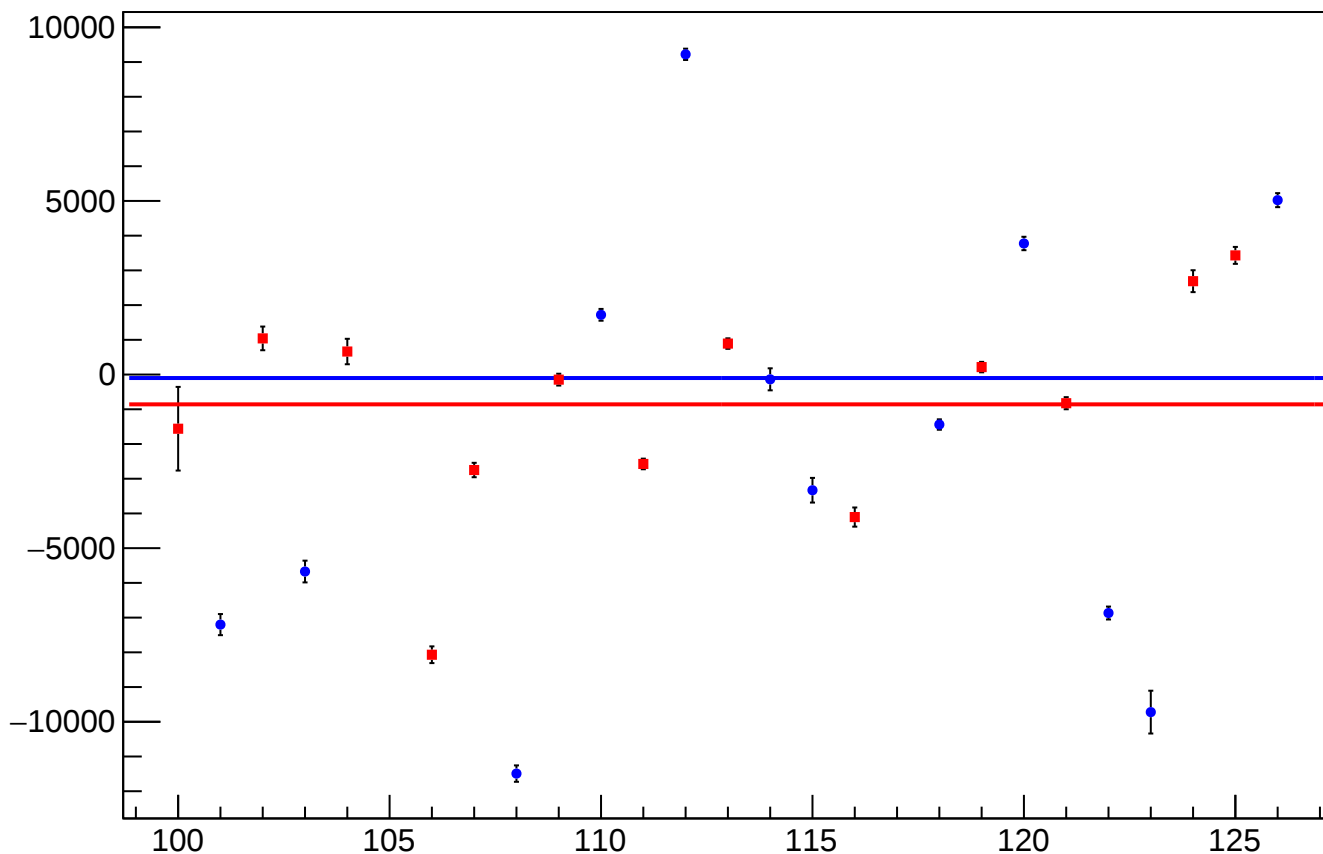
Right: 194.156+/-0.049 χ^2/NDF : 1543785.9/24

In: 207.187+/-0.075 χ^2/NDF : 557772.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 194.156+/-0.049 χ^2/NDF : 1543785.9/24

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -100.222+/-62.444 χ^2/NDF : 9353.3/11

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

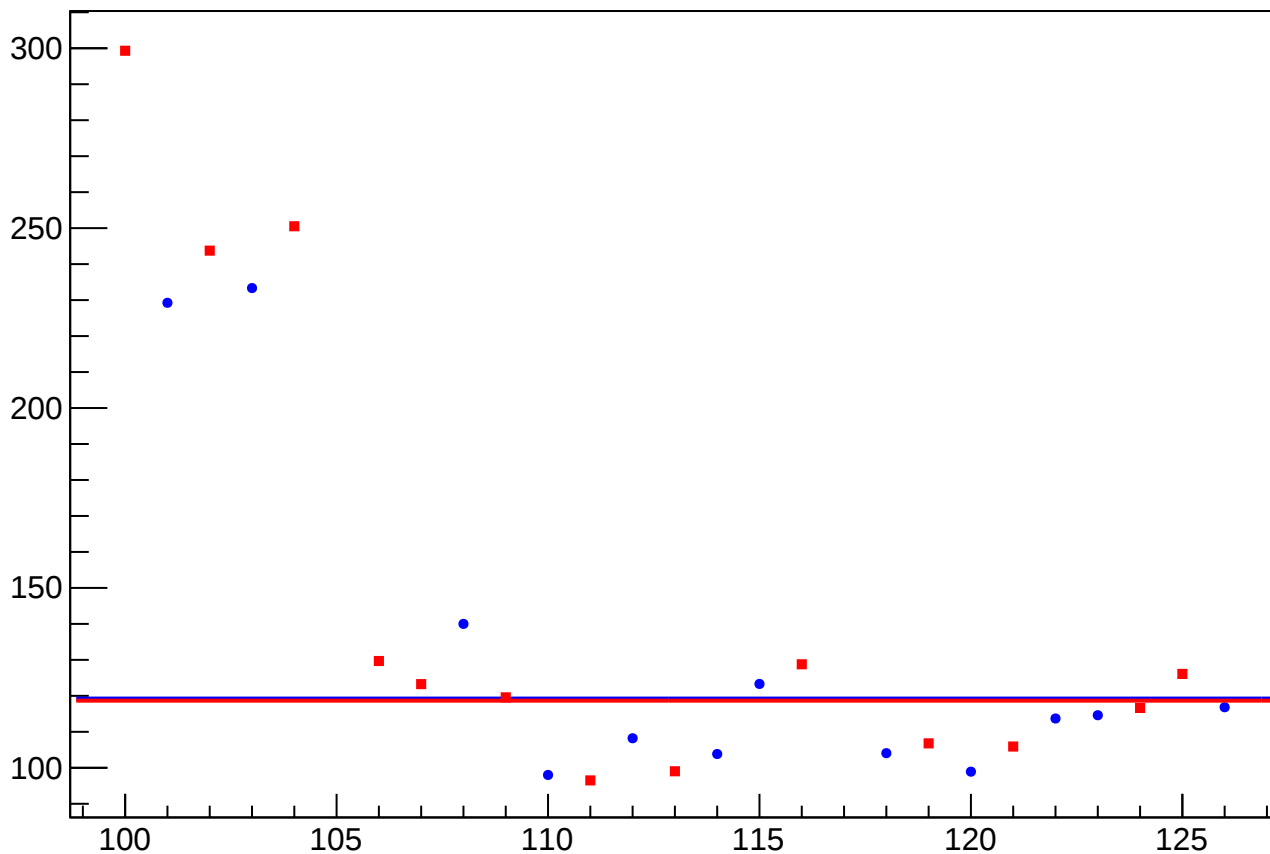
Right: -505.790+/-42.578 χ^2/NDF : 11363.0/24

In: -100.222+/-62.444 χ^2/NDF :9353.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -505.790+/-42.578 χ^2/NDF : 11363.0/24

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 119.244+/-0.044 χ^2/NDF : 632691.5/11

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

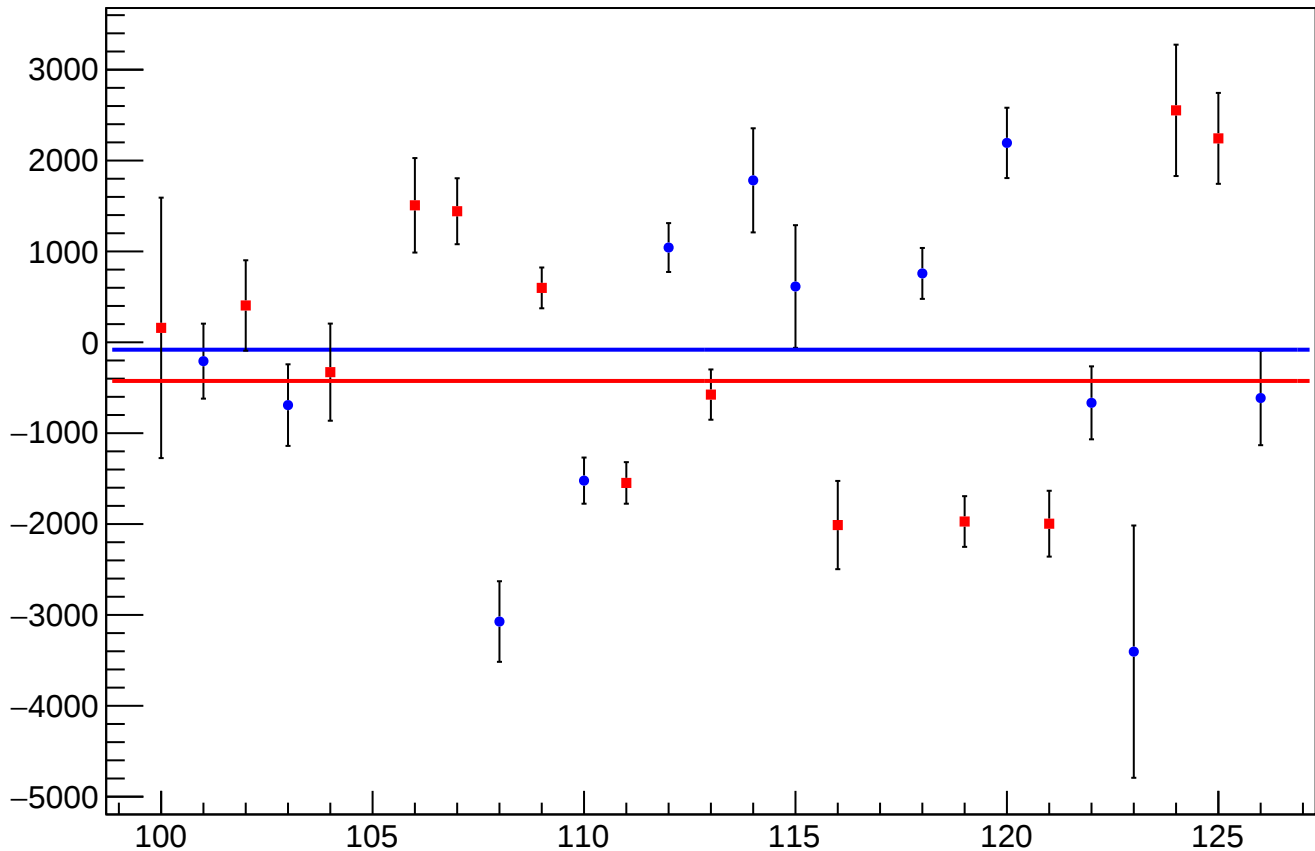
Right: 118.933+/-0.030 χ^2/NDF : 1314302.6/24

In: 119.244+/-0.044 χ^2/NDF : 632691.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.933+/-0.030 χ^2/NDF : 1314302.6/24

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -81.342+/-111.559 χ^2/NDF : 161.2/11

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

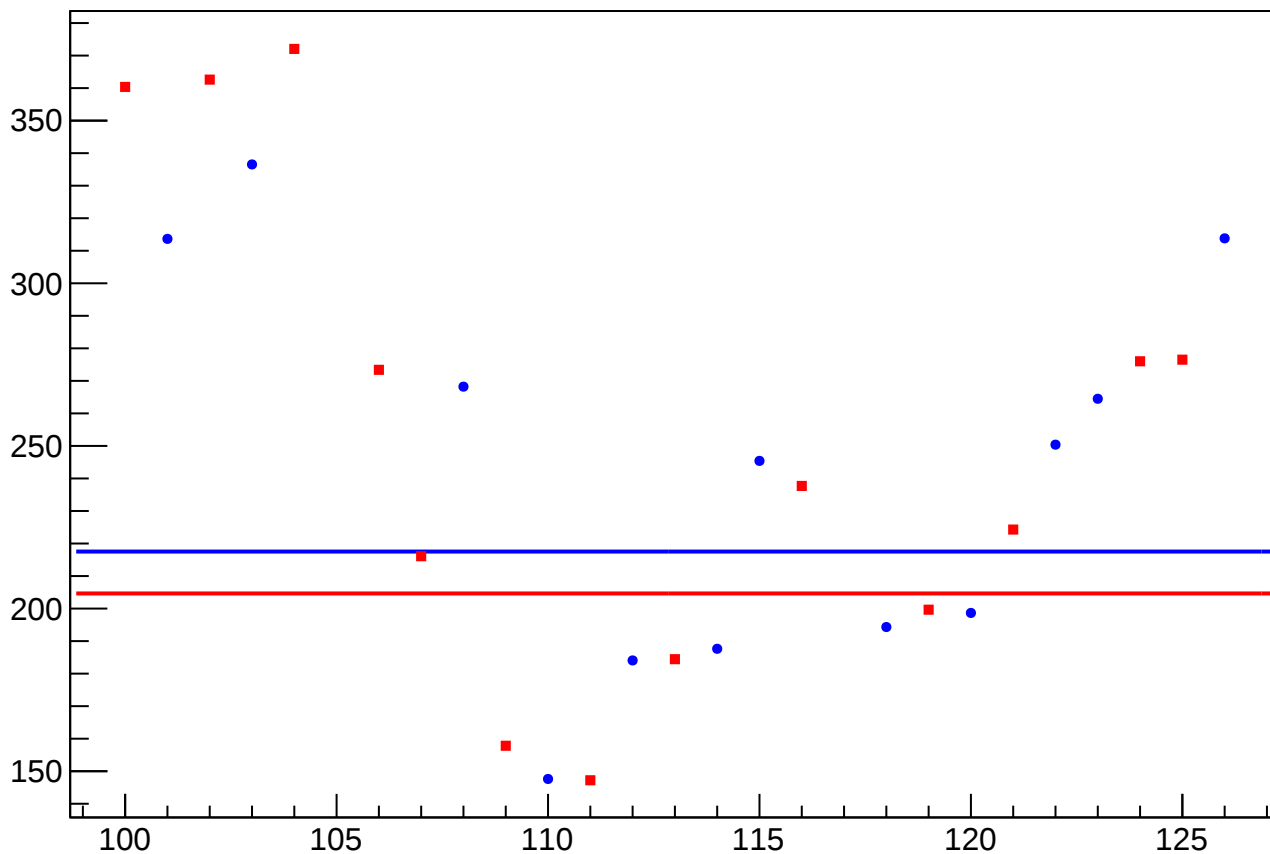
Right: -273.673+/-74.060 χ^2/NDF : 360.6/24

In: -81.342+/-111.559 χ^2/NDF :161.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -273.673+/-74.060 χ^2/NDF : 360.6/24

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 217.529 ± 0.079 χ^2/NDF : 569617.6/11

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

Right Out: 204.648 ± 0.070 χ^2/NDF : 758817.2/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

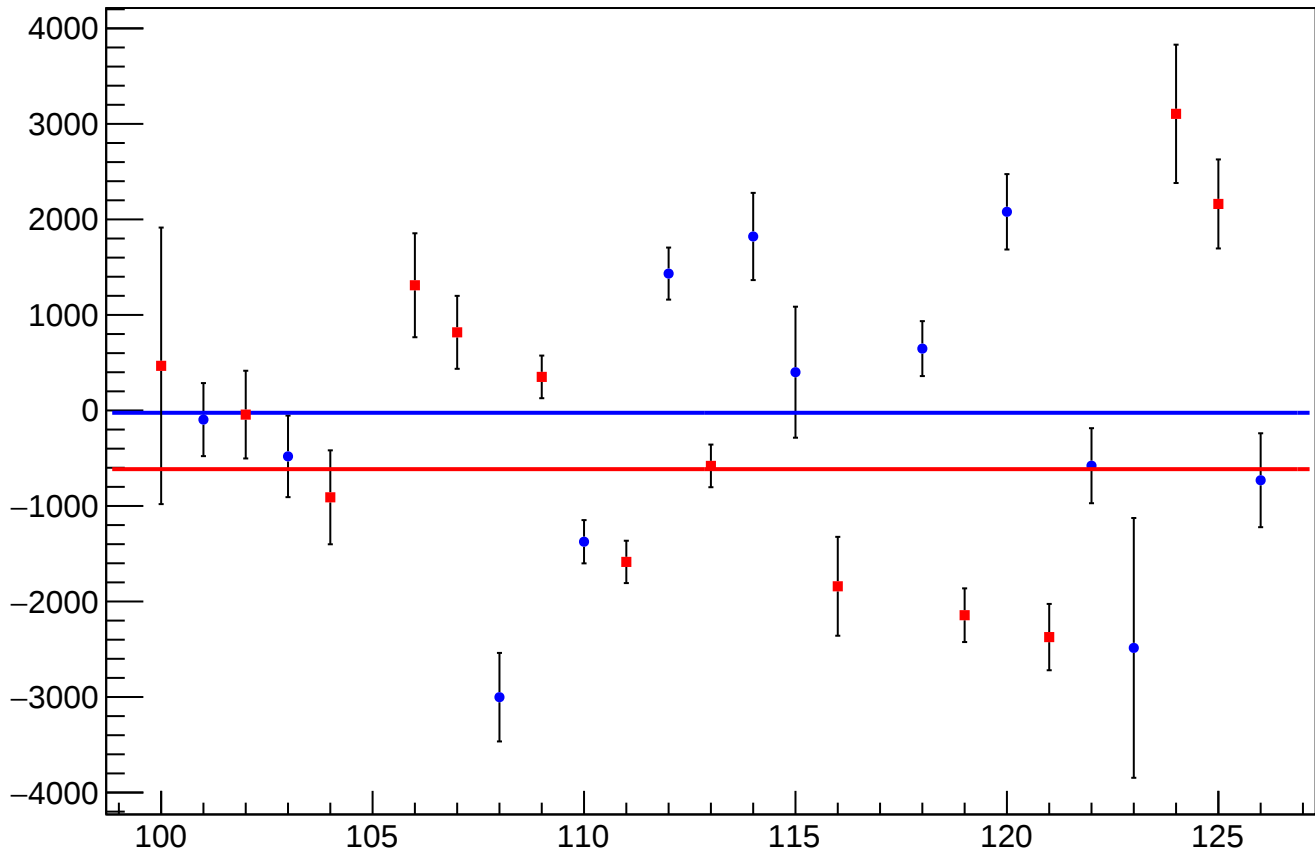
Right: 210.325 ± 0.052 χ^2/NDF : 1343348.1/24

In: 217.529 ± 0.079 χ^2/NDF : 569617.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 210.325 ± 0.052 χ^2/NDF : 1343348.1/24

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -24.461+/-107.492 χ^2/NDF : 164.5/11

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

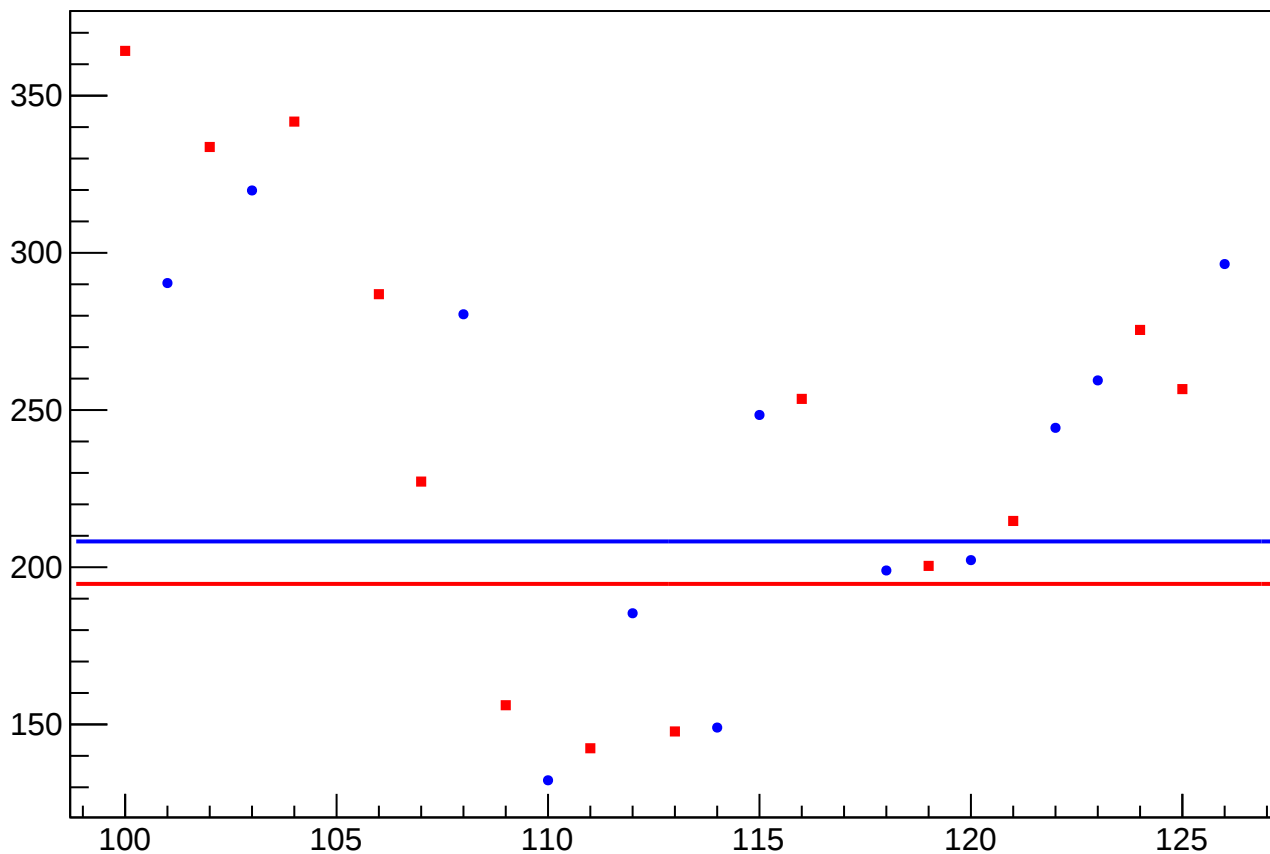
Right: -356.388+/-71.097 χ^2/NDF : 371.2/24

In: -24.461+/-107.492 χ^2/NDF :164.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -356.388+/-71.097 χ^2/NDF : 371.2/24

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 208.208+/-0.076 χ^2/NDF : 644184.5/11

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

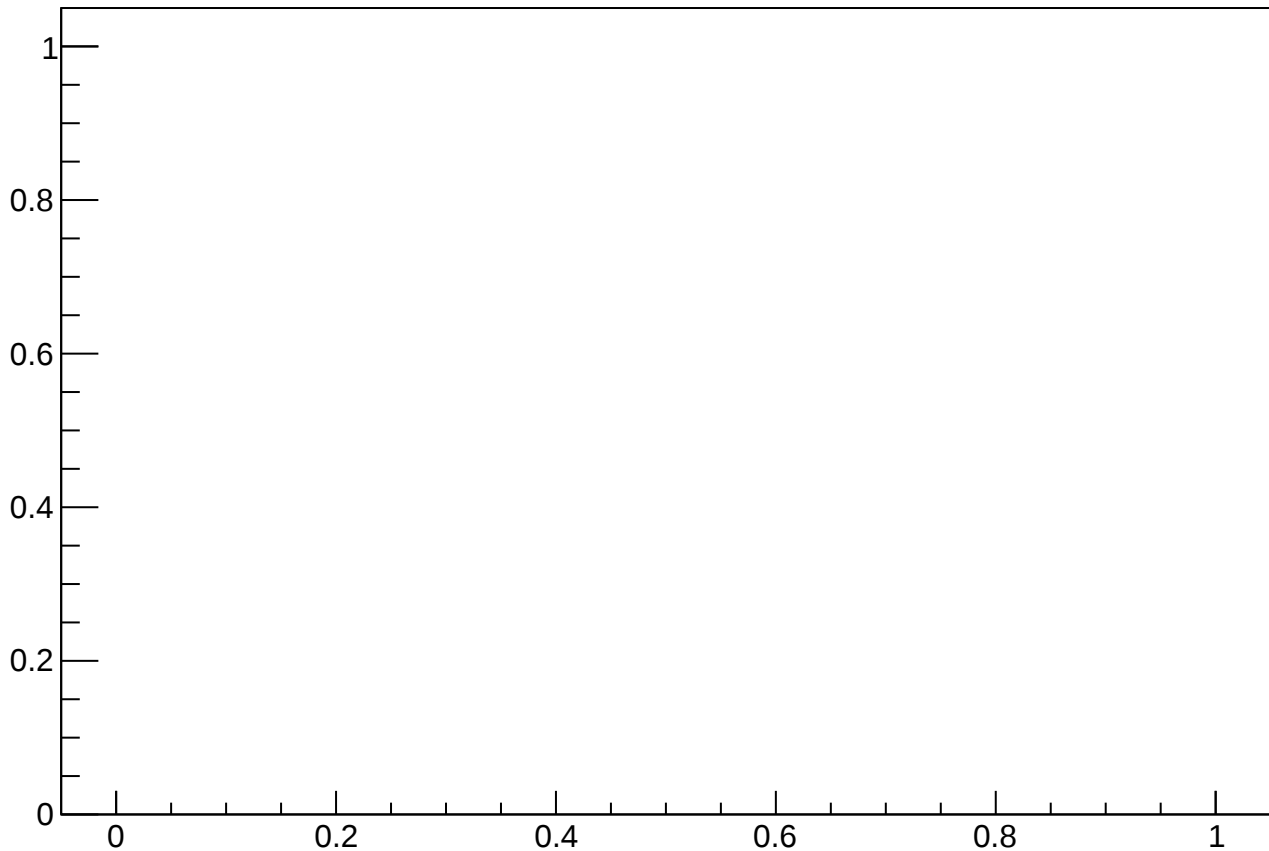
Right: 200.607+/-0.050 χ^2/NDF : 1476468.8/24

In: 208.208+/-0.076 χ^2/NDF : 644184.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 200.607+/-0.050 χ^2/NDF : 1476468.8/24

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

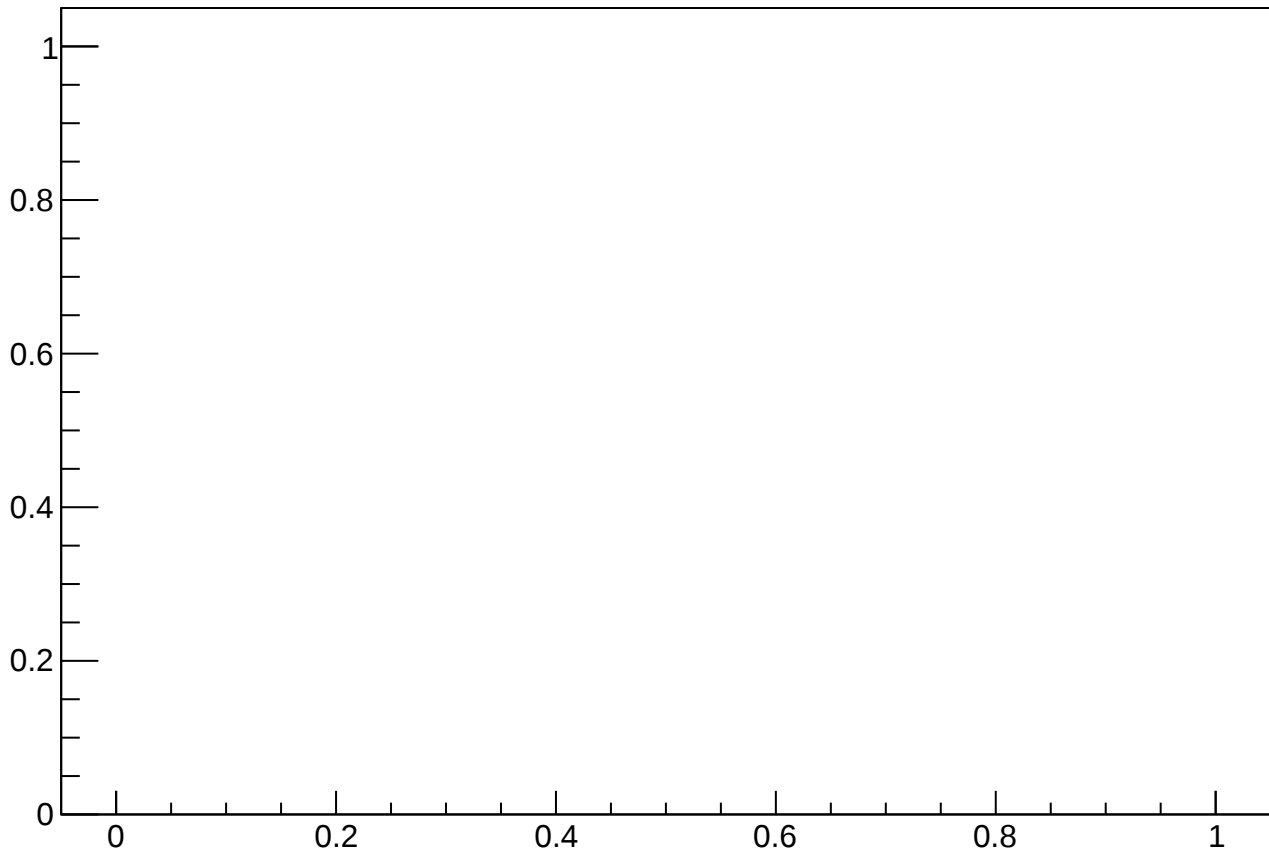
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

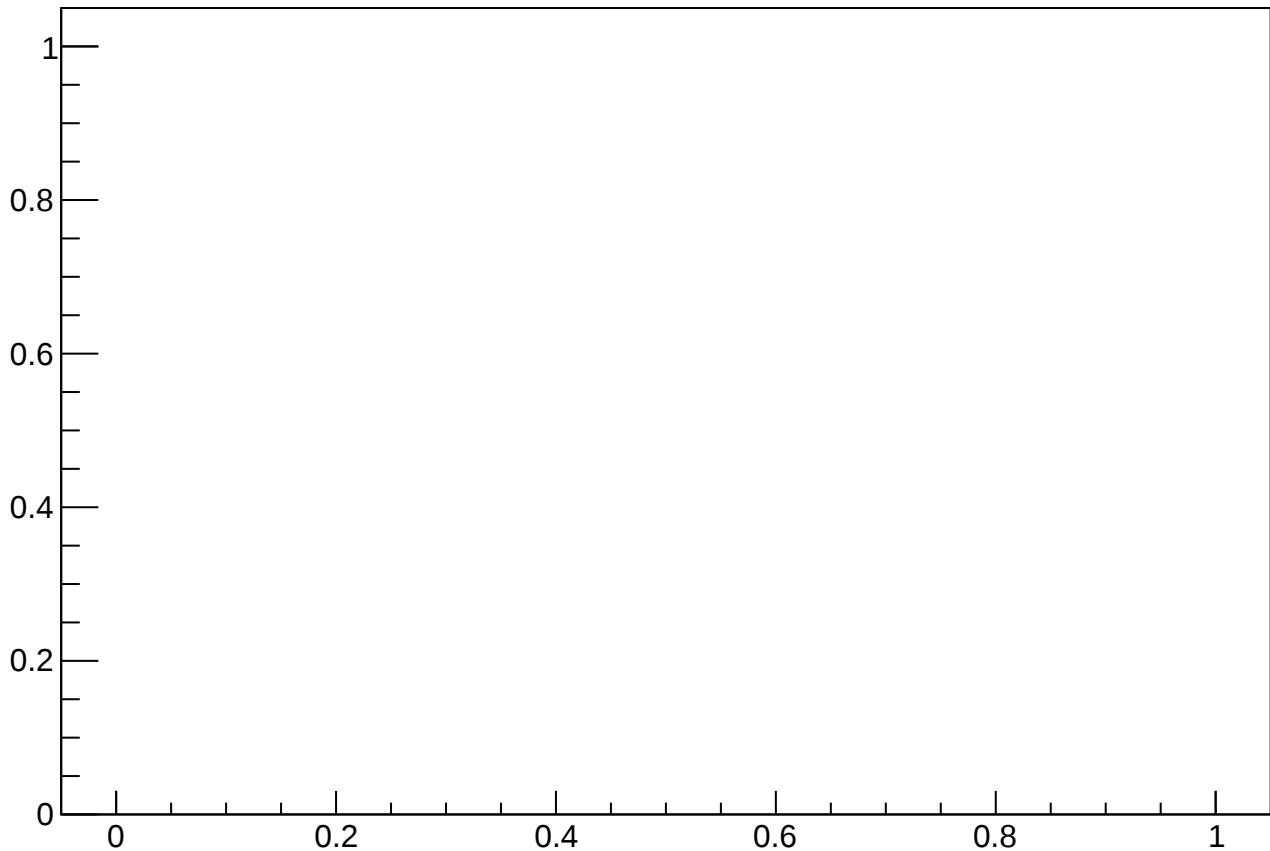
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

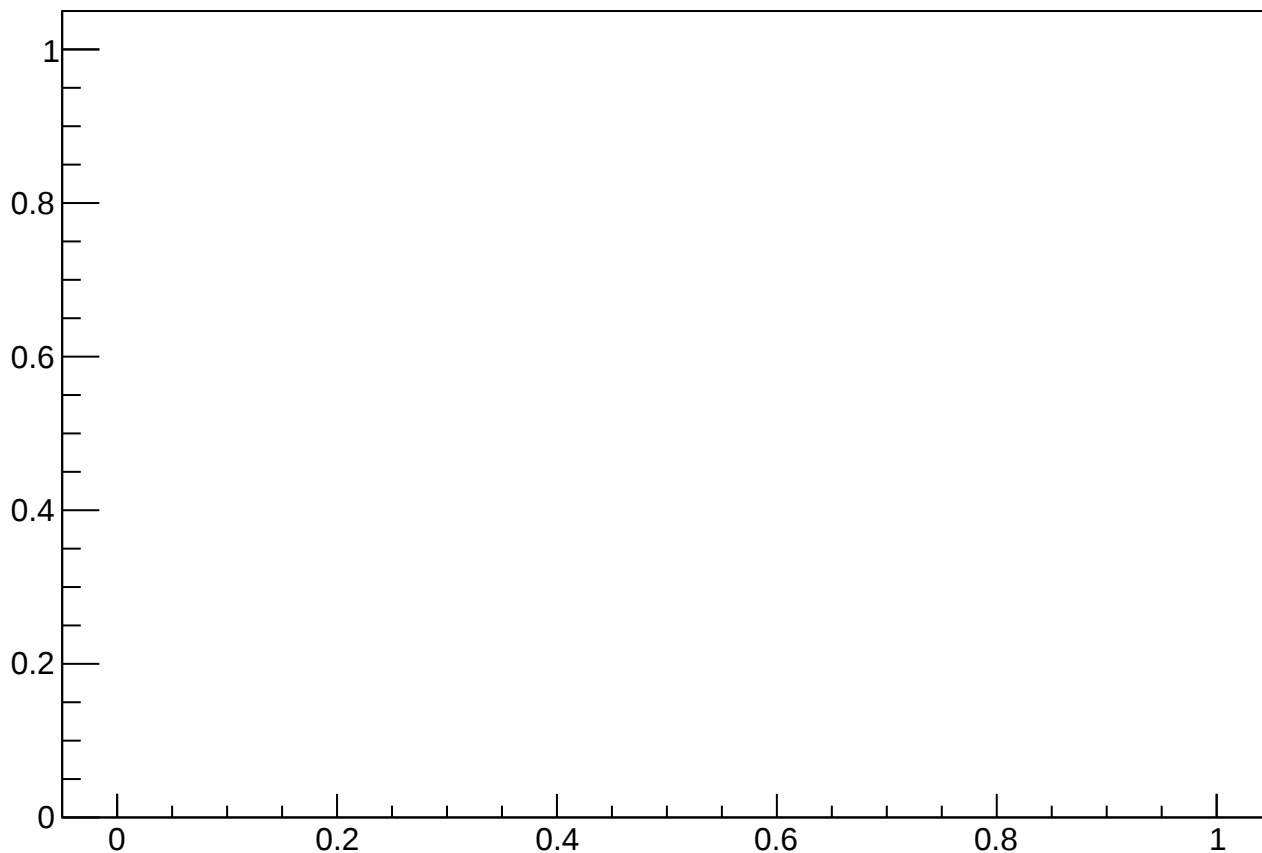
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

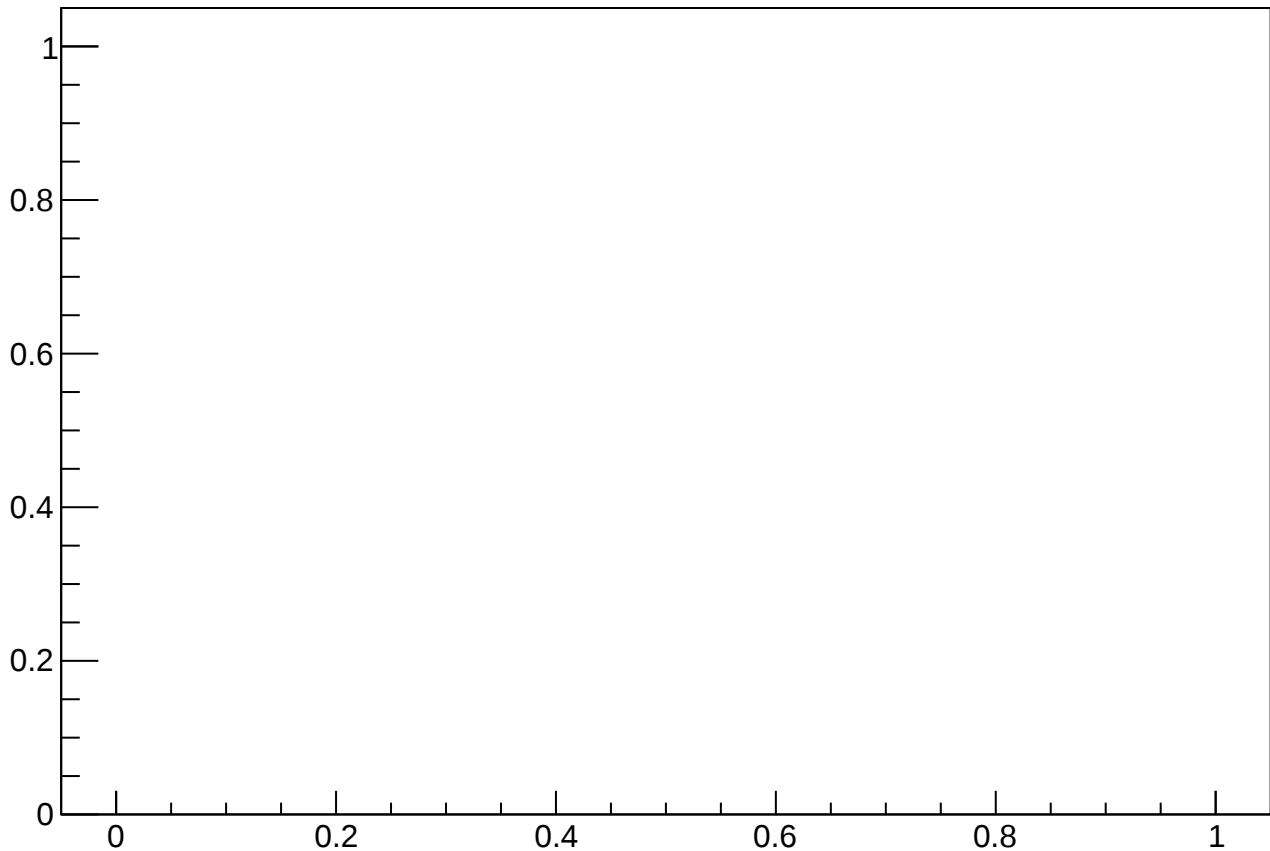
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

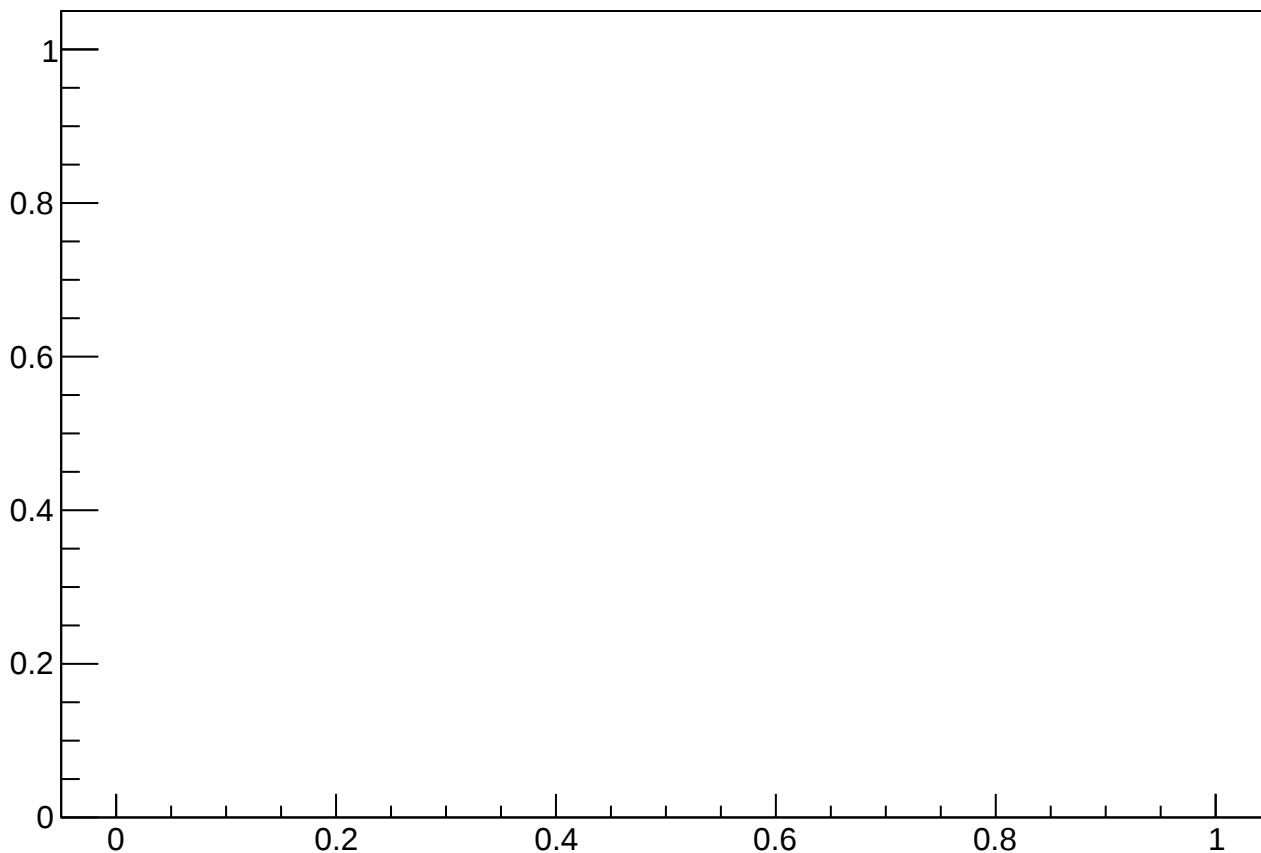
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

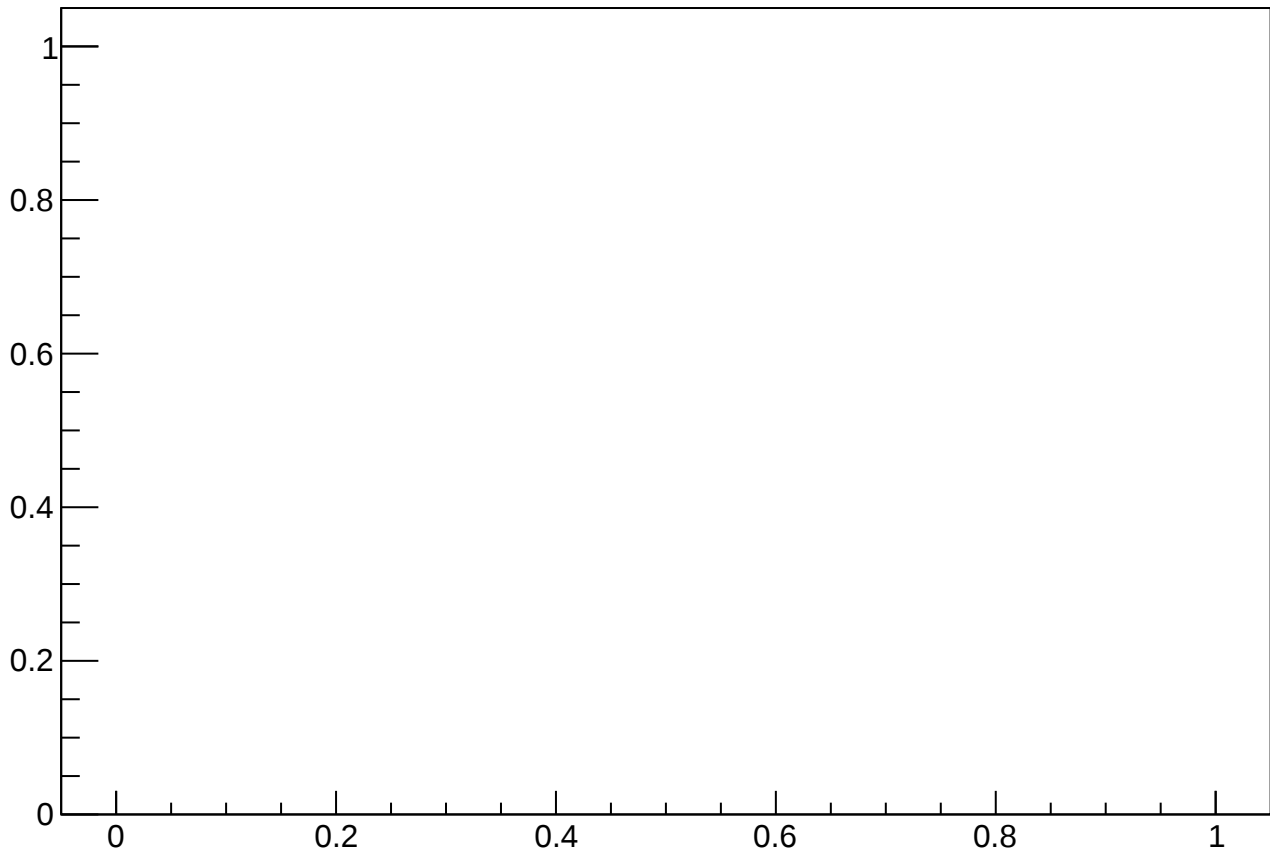
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

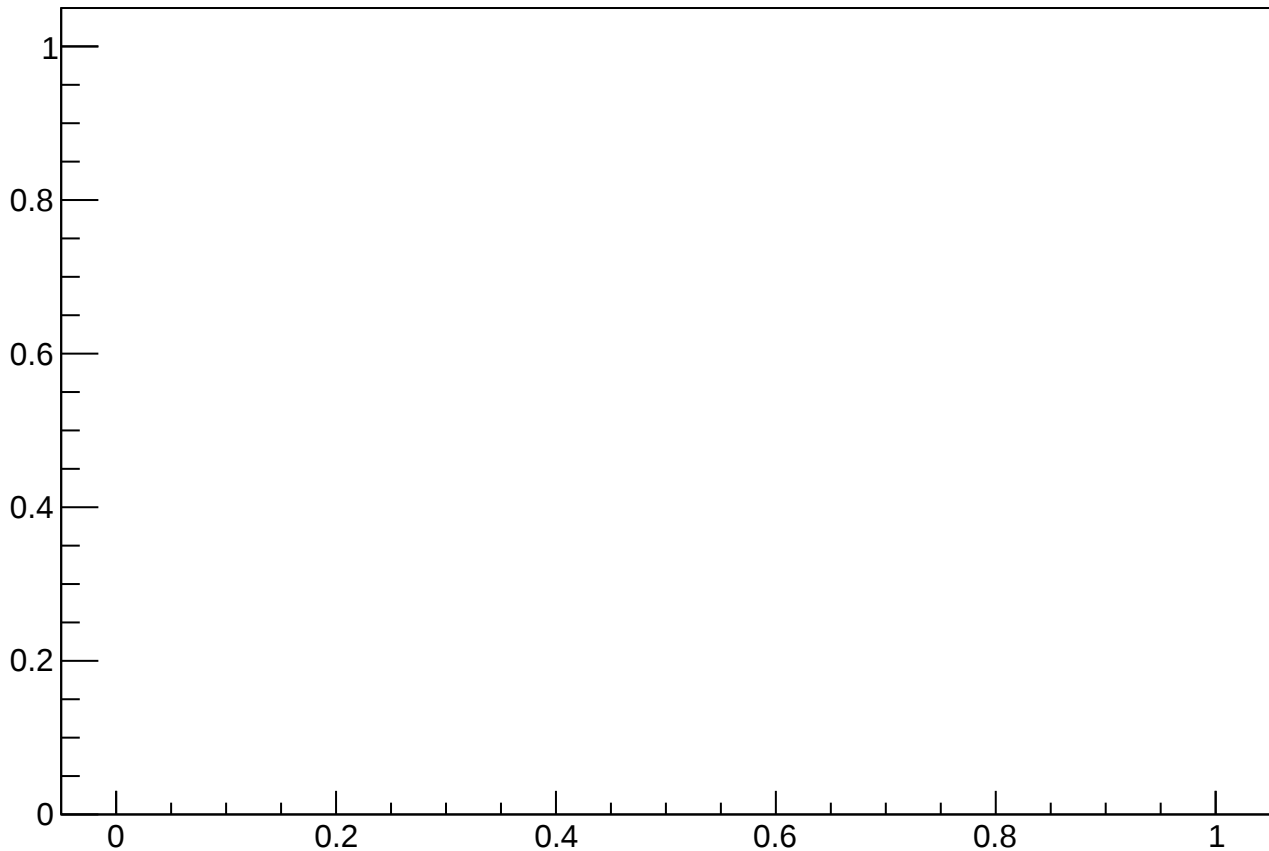
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

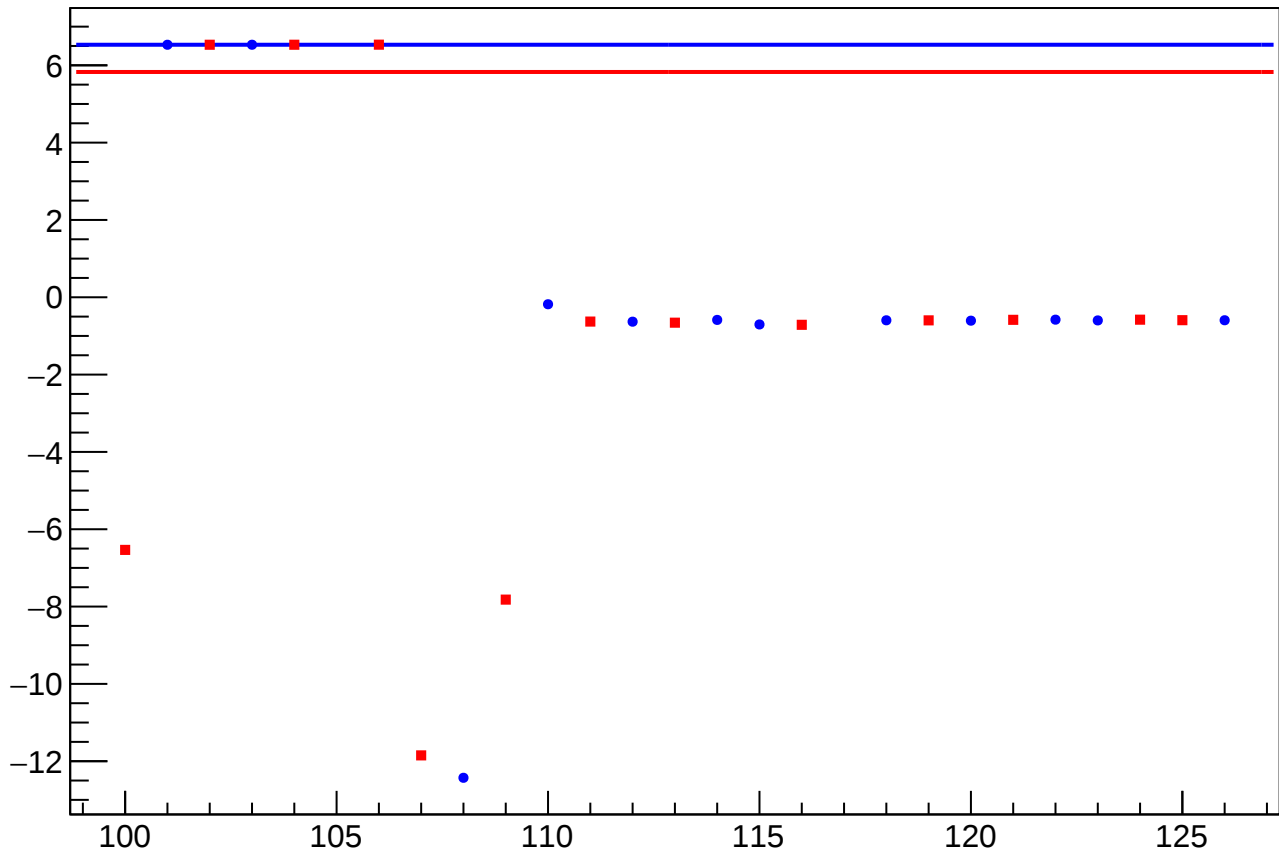
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 : 63377429573.7/11

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

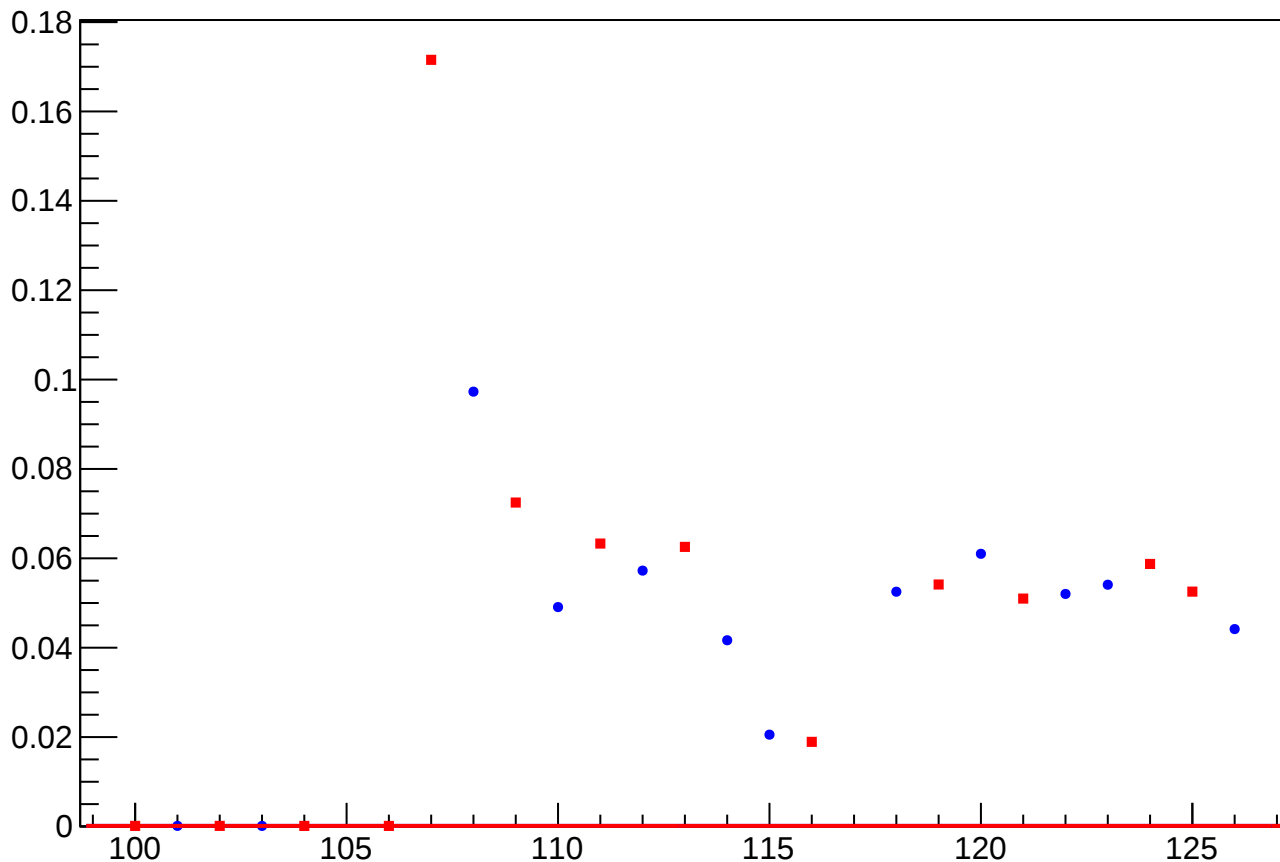
Right: 6.155+/-0.000 χ^2/NDF : 775986524931073.5

In: 6.532+/-0.000 χ^2/NDF :63377429573.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6.155+/-0.000 χ^2/NDF : 775986524931073.5

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5072632.5/11

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

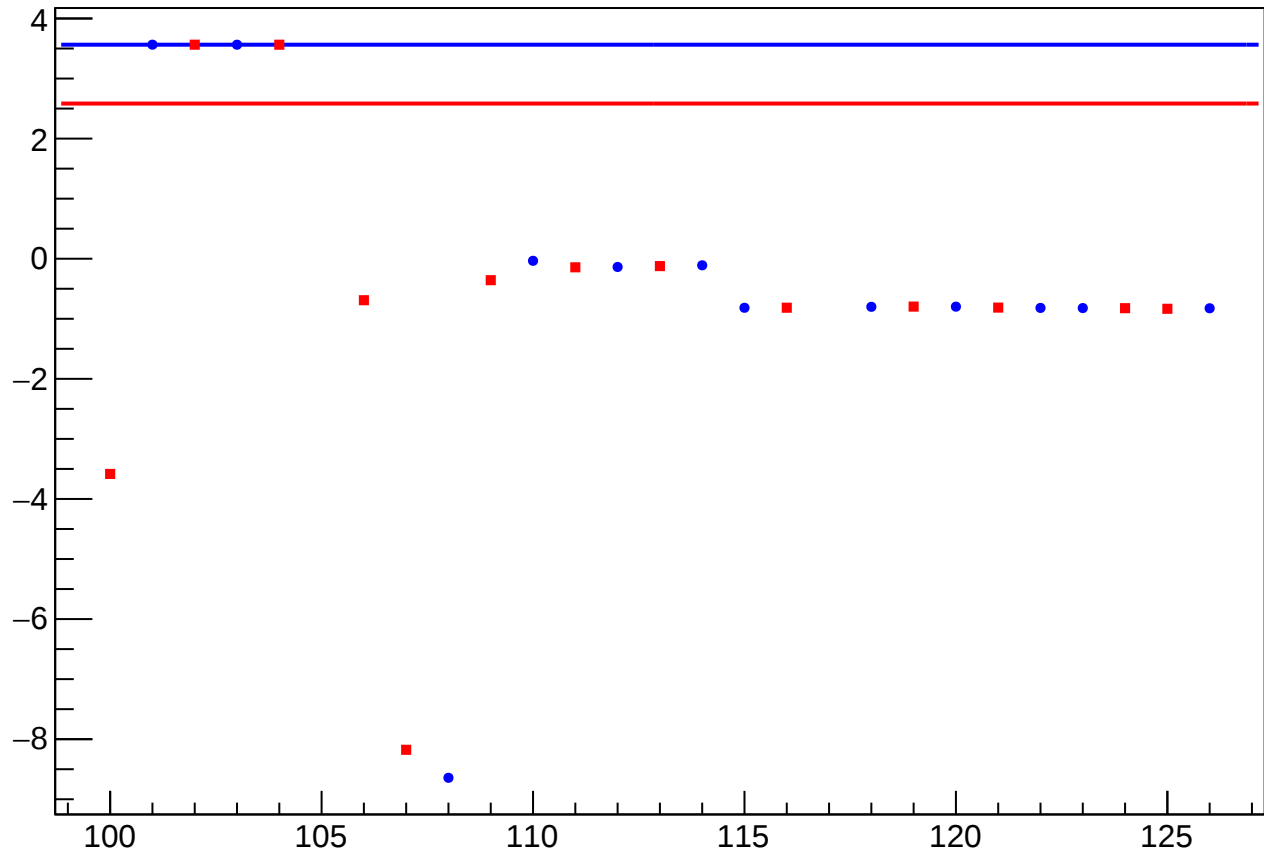
Right: 0.000+/-0.000 χ^2/NDF : 10675361.5/24

In: 0.000+/-0.000 χ^2/NDF : 5072632.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10675361.5/24

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 3.564+/-0.000 χ^2/NDF : 110412713510.6/11

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

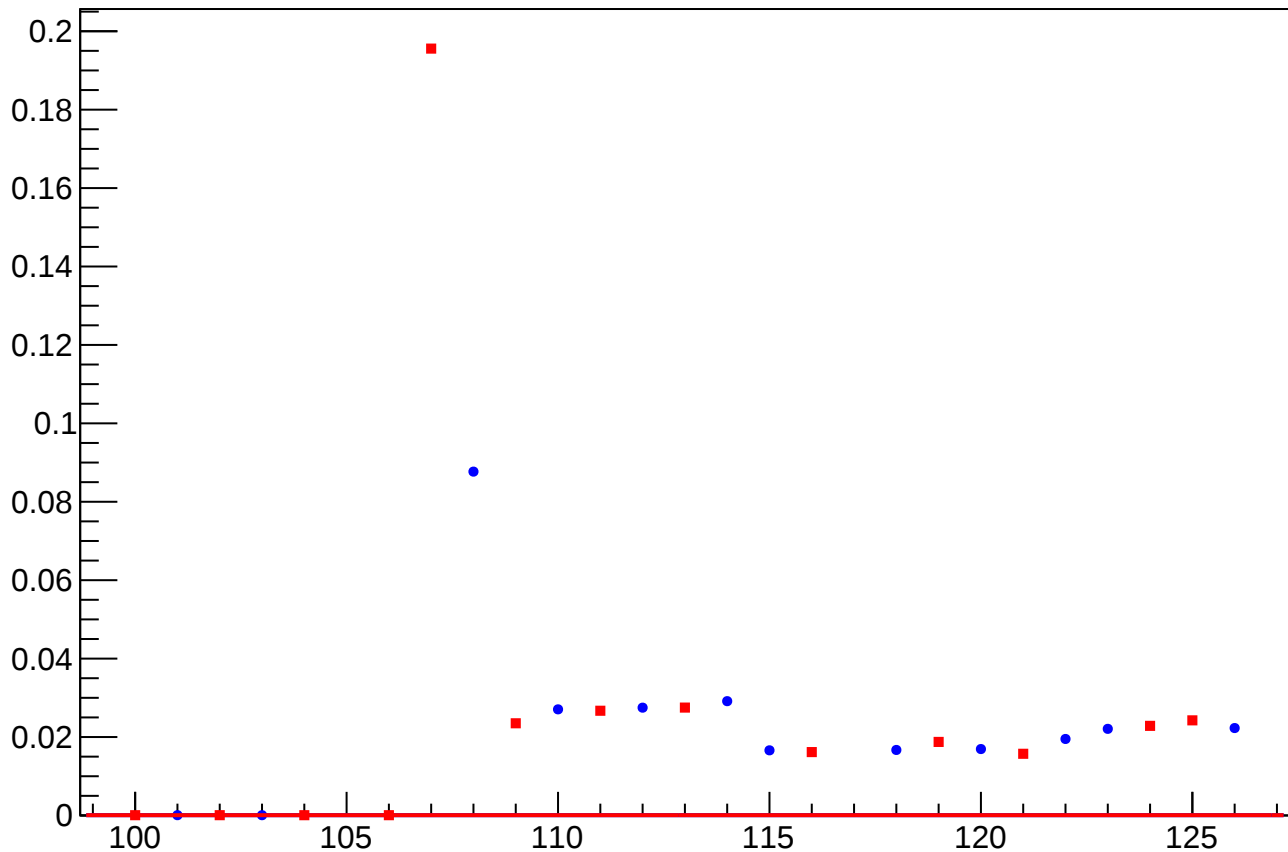
Right: 3.041+/-0.000 χ^2/NDF : 1381709083911400.5

In: 3.564+/-0.000 χ^2/NDF : 110412713510.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.041+/-0.000 χ^2/NDF : 1381709083911400.5

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5424492.1/11

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

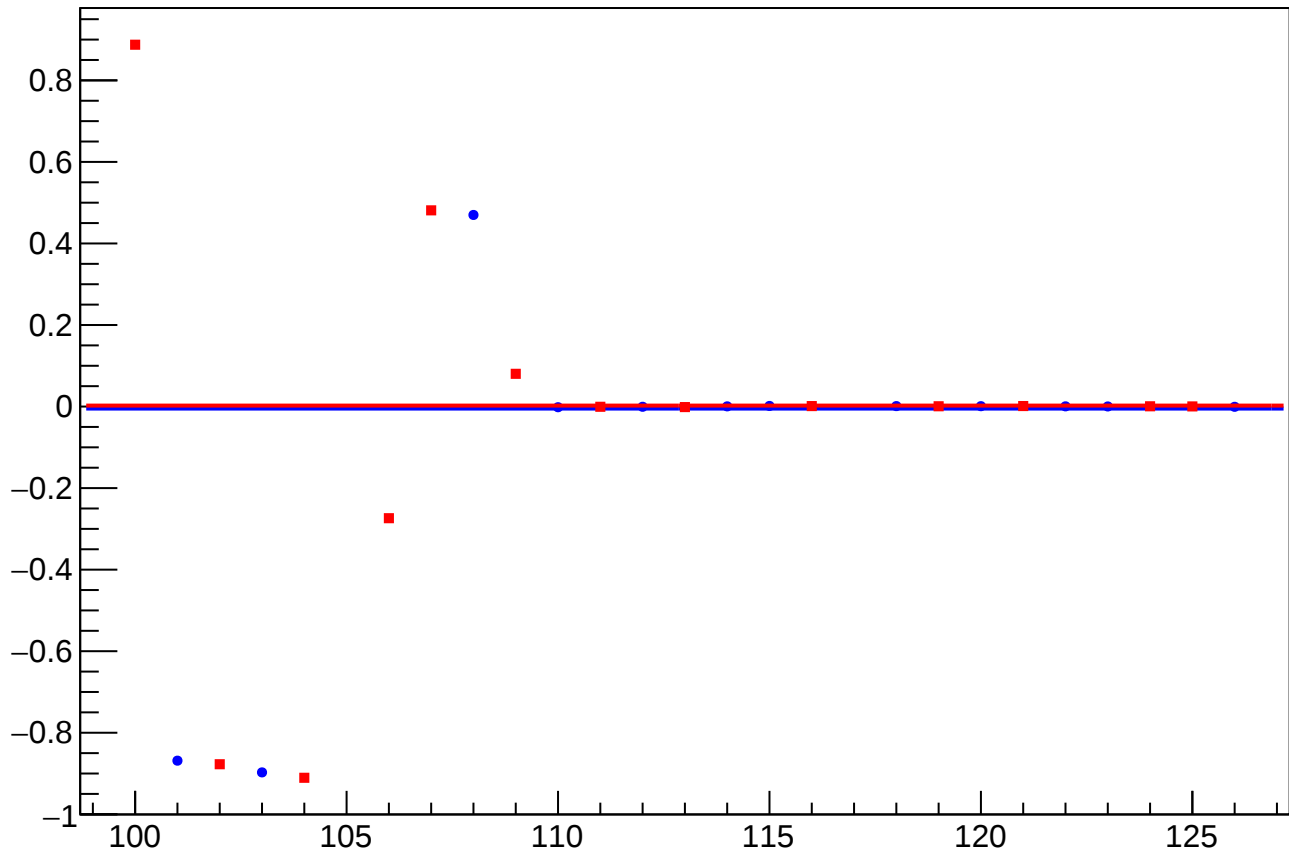
Right: 0.000+/-0.000 χ^2/NDF : 11123712.9/24

In: 0.000+/-0.000 χ^2/NDF : 5424492.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11123712.9/24

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.005+/-0.000 χ^2/NDF : 9782143045.5/11

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

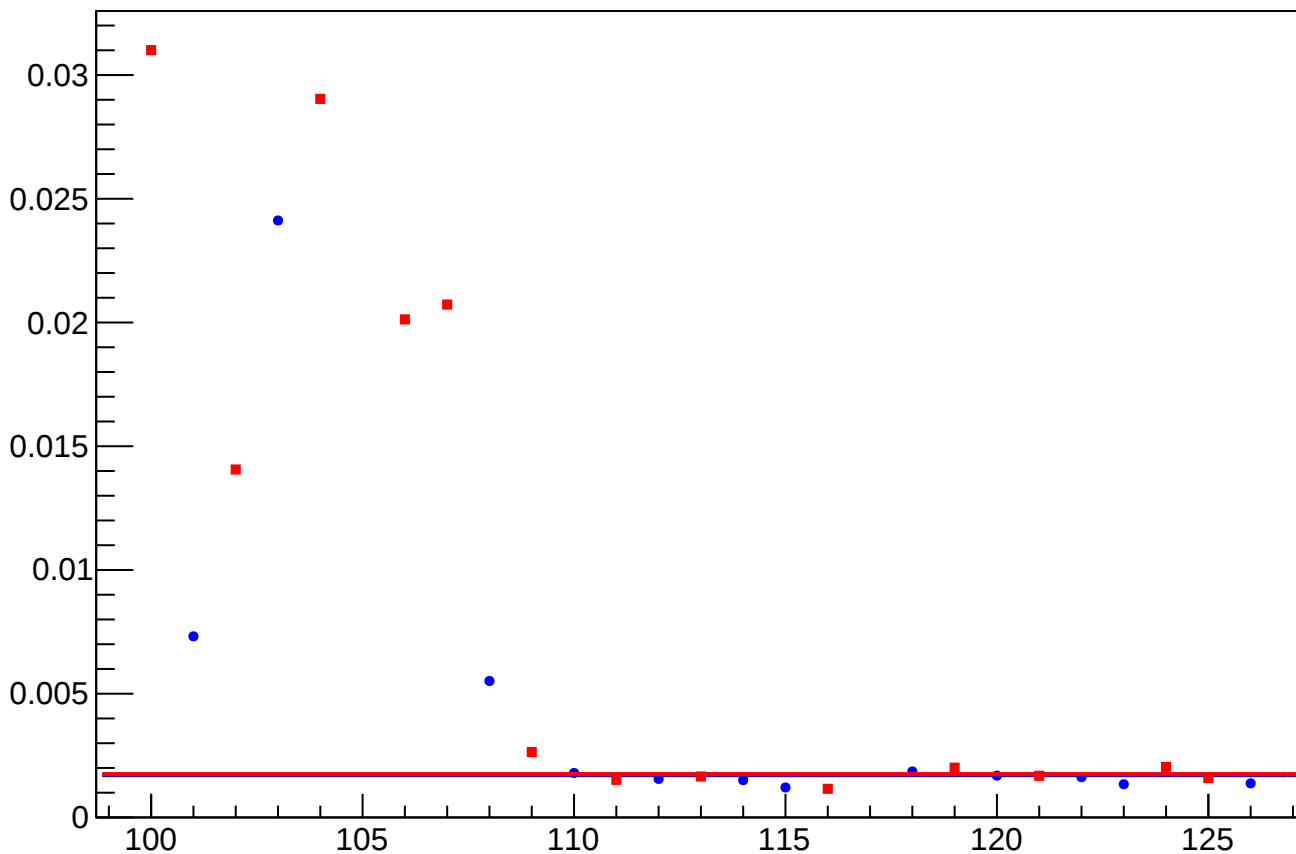
Right: -0.001+/-0.000 χ^2/NDF : 12844073924.4/24

In: -0.005+/-0.000 χ^2/NDF :9782143045.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.001+/-0.000 χ^2/NDF : 12844073924.4/24

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1757526.6/11

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

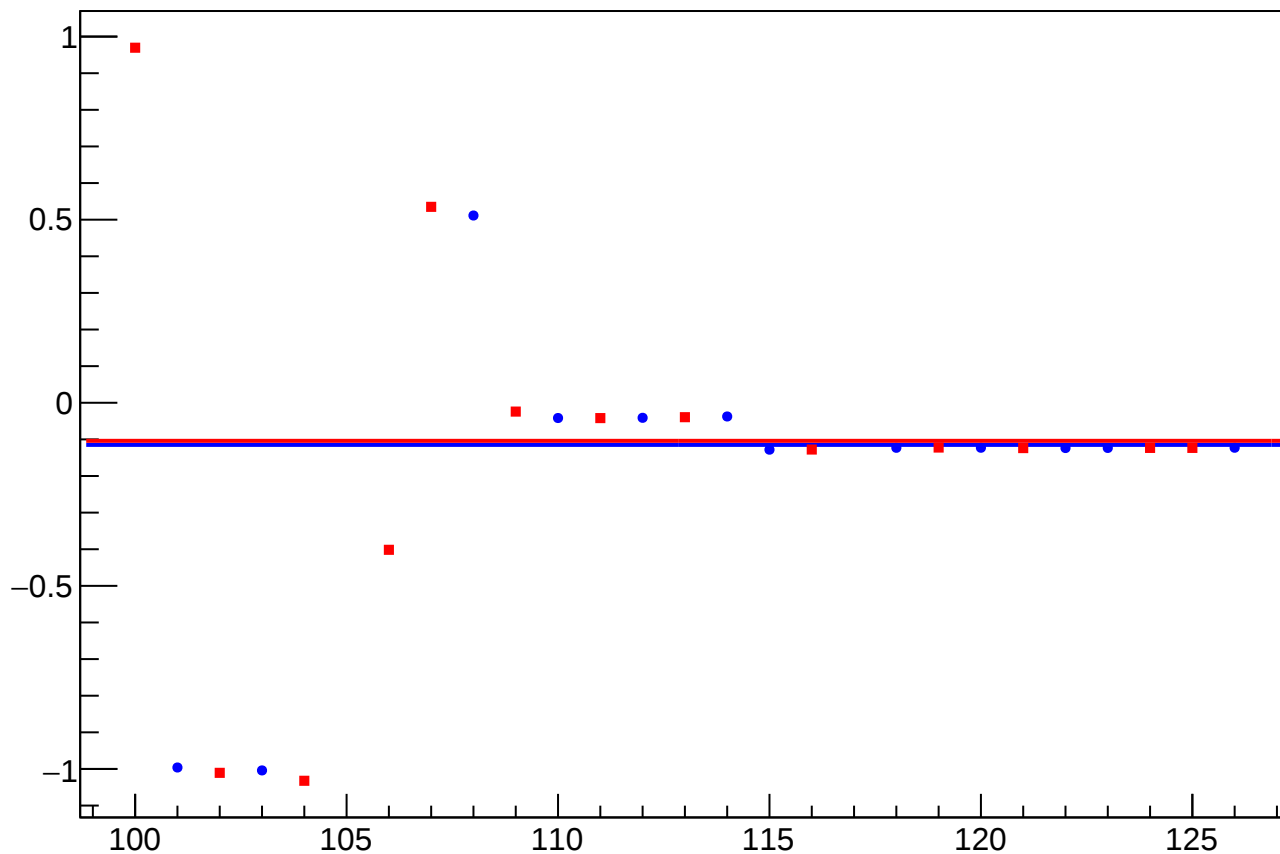
Right: 0.002+/-0.000 χ^2/NDF : 4609878.4/24

In: 0.002+/-0.000 χ^2/NDF : 1757526.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4609878.4/24

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.115+/-0.000 χ^2/NDF : 3895350122.8/11

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

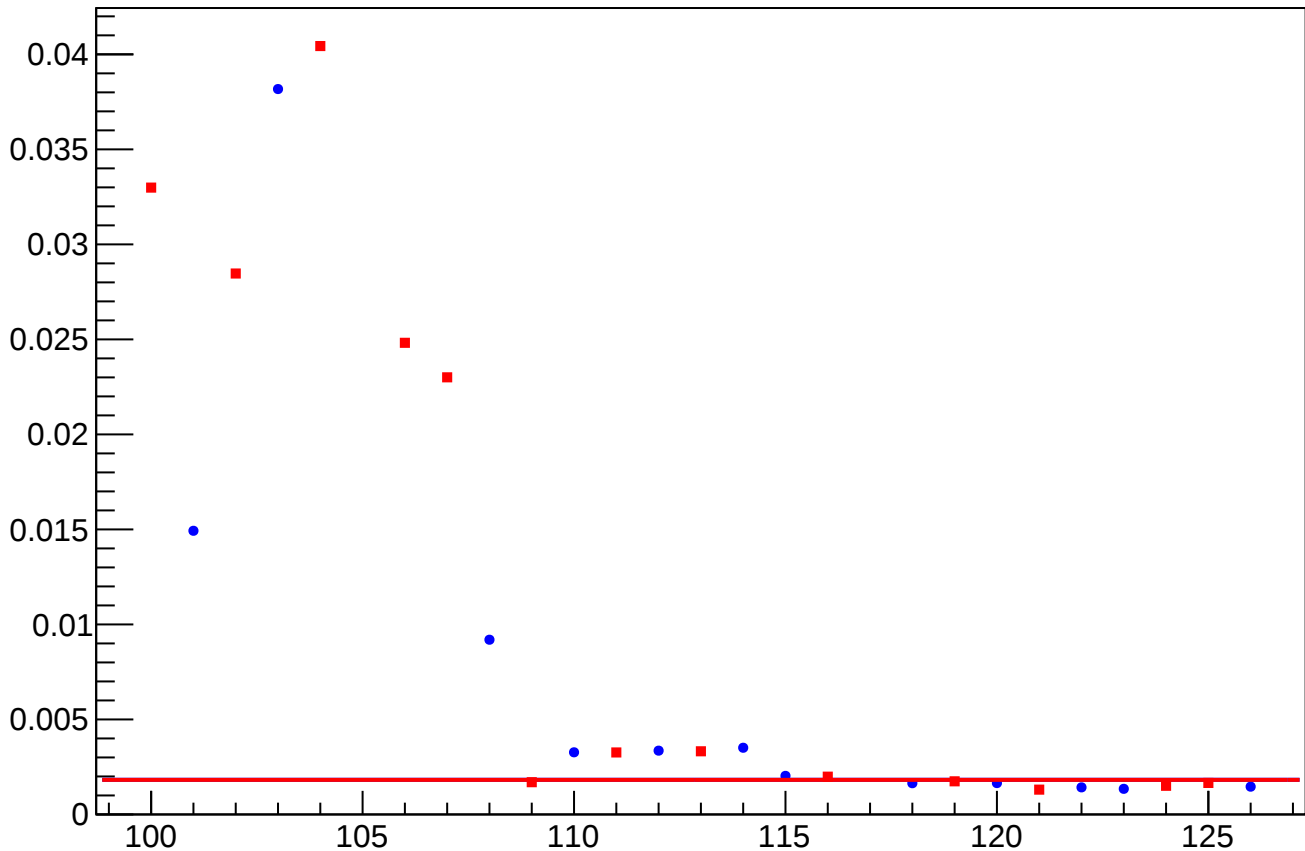
Right: -0.109+/-0.000 χ^2/NDF : 6218585515.2/24

In: -0.115+/-0.000 χ^2/NDF :3895350122.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.109+/-0.000 χ^2/NDF : 6218585515.2/24

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2646597.8/11

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3266446.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

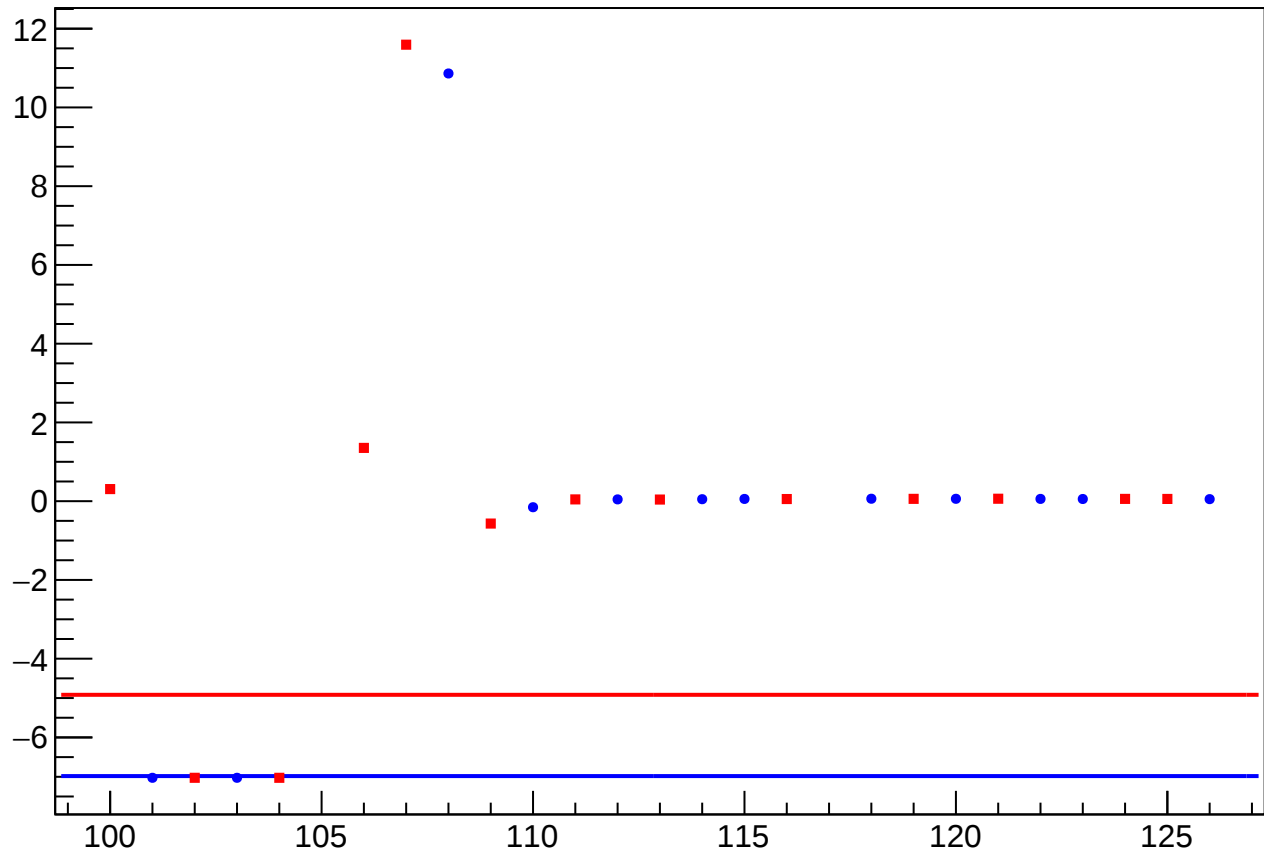
Right: 0.002+/-0.000 χ^2/NDF : 5913063.4/24

In: 0.002+/-0.000 χ^2/NDF :2646597.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

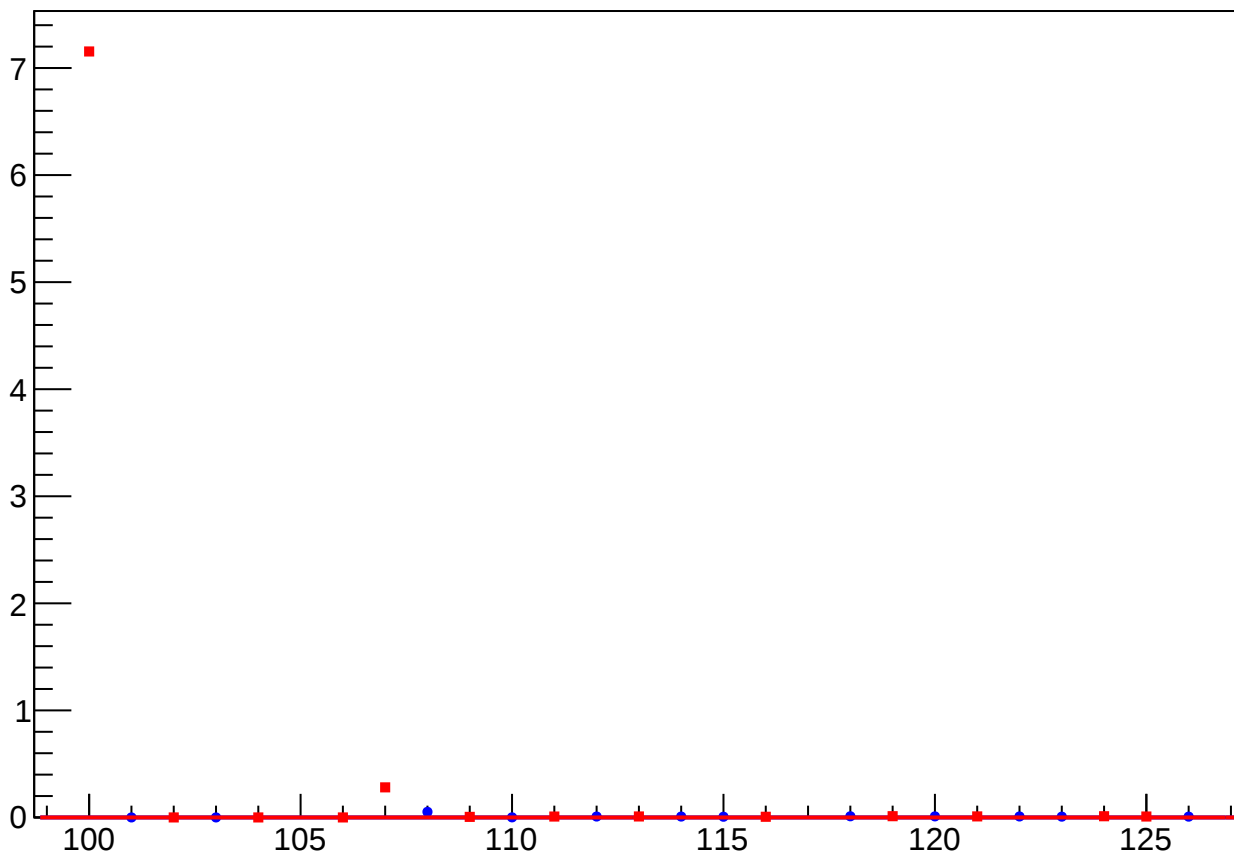
All: 0.002+/-0.000 χ^2/NDF : 5913063.4/24

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -6.982+/-0.000 χ^2/NDF : 7562912438748.3/11
 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
 All: -5.905+/-0.000 χ^2/NDF : 428706527247277.7
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -5.905+/-0.000 χ^2/NDF : 428706527247277.7
 In: -6.982+/-0.000 χ^2/NDF : 7562912438748.3/11
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4419117.1/11

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

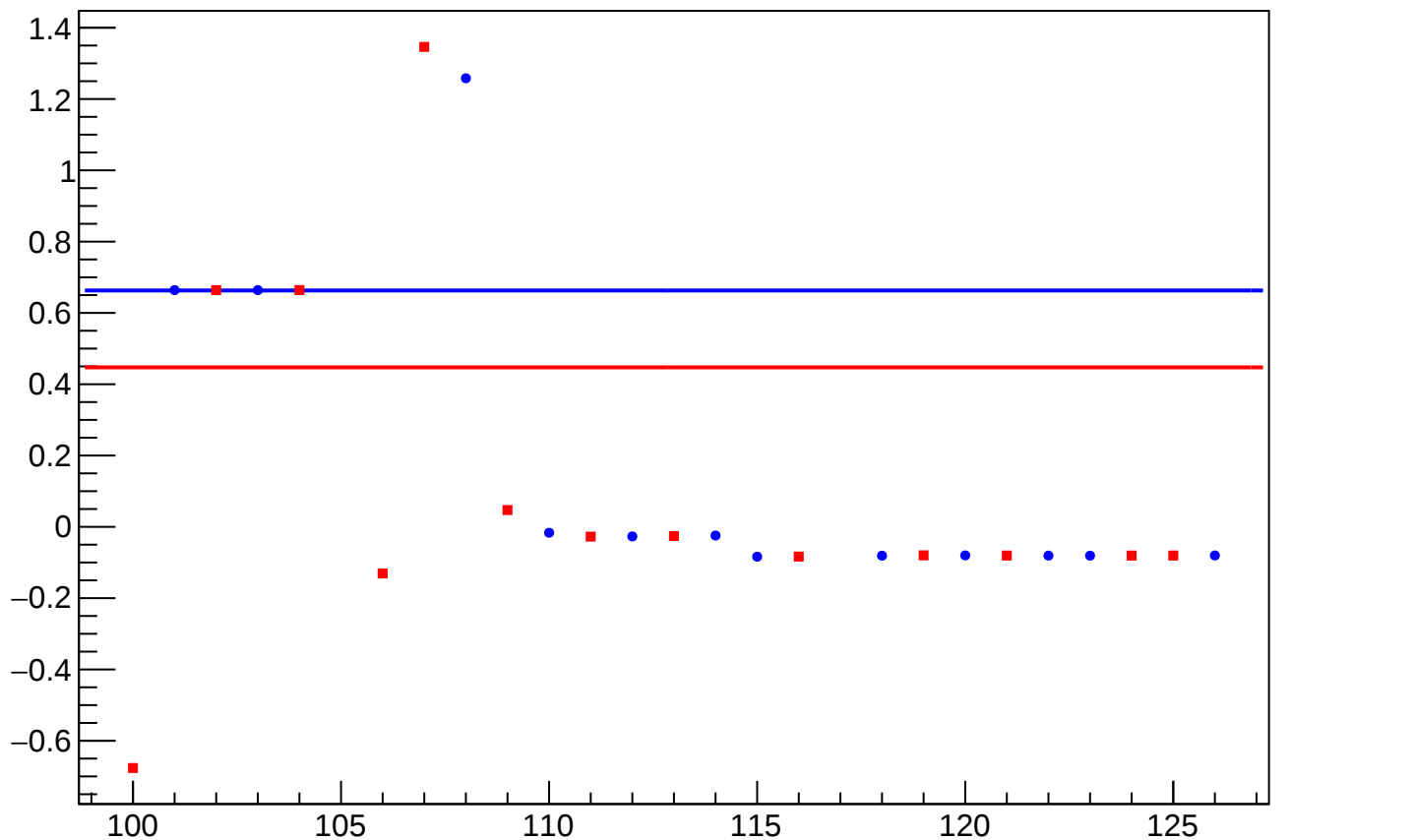
Right: 0.000+/-0.000 χ^2/NDF : 9533085.0/24

In: 0.000+/-0.000 χ^2/NDF : 4419117.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9533085.0/24

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.663+/-0.000 χ^2/NDF : 2105273194004.4/11

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

Right Out: 0.447+/-0.000 χ^2/NDF : 403846248818306.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

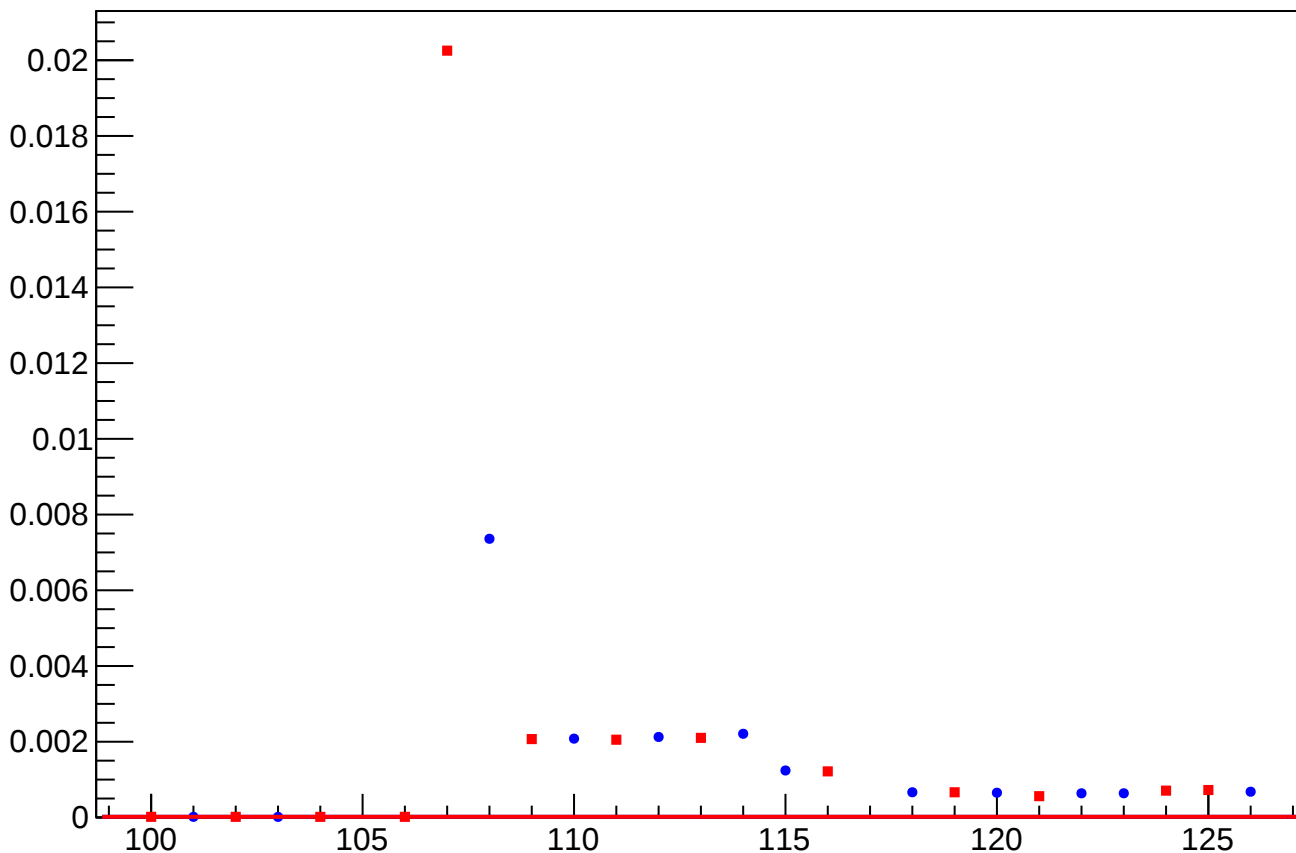
Right: 0.550+/-0.000 χ^2/NDF : 469183776822578.0

In: 0.663+/-0.000 χ^2/NDF : 2105273194004.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.550+/-0.000 χ^2/NDF : 469183776822578.0

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5524311.1/11

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

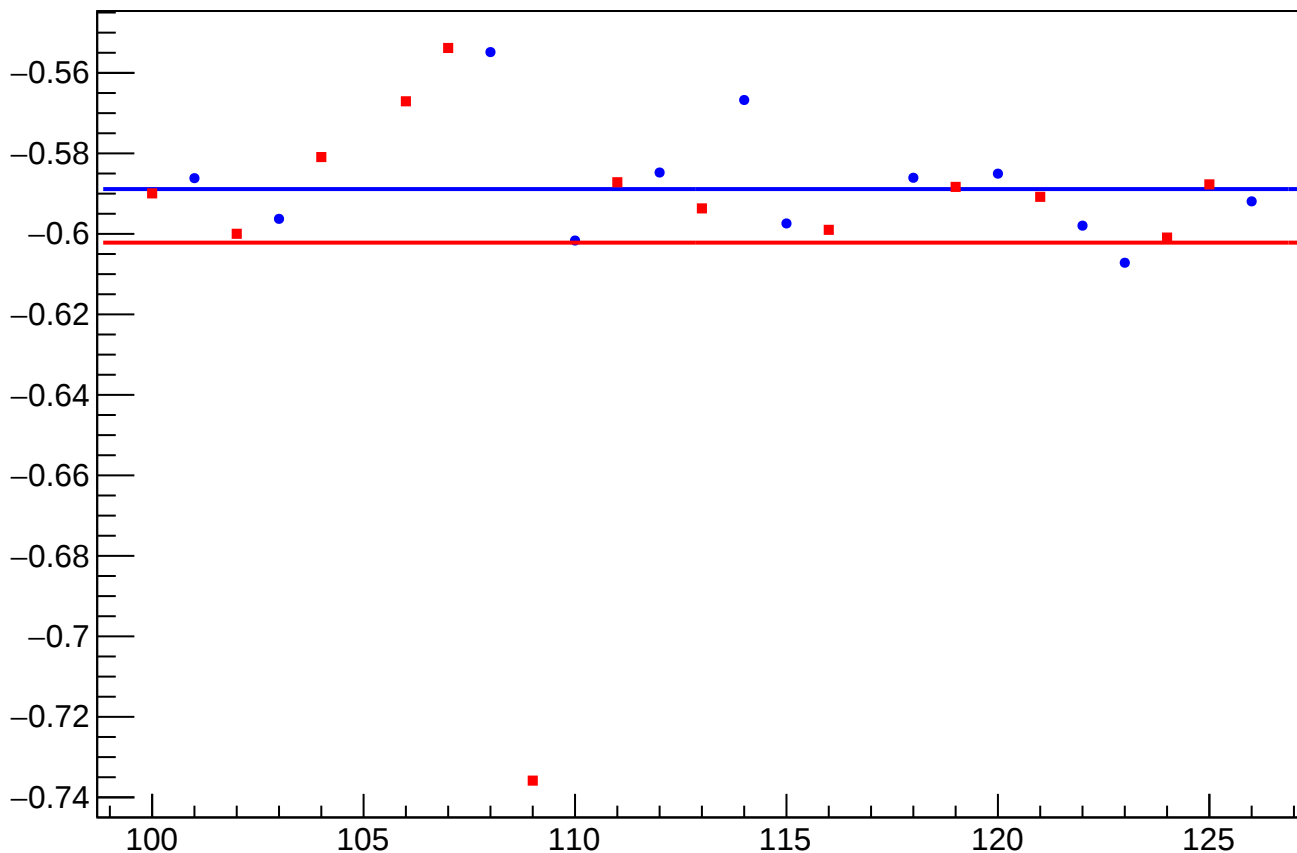
Right: 0.000+/-0.000 χ^2/NDF : 10867620.1/24

In: 0.000+/-0.000 χ^2/NDF : 5524311.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10867620.1/24

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.589+/-0.000 χ^2/NDF : 615685.6/11

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

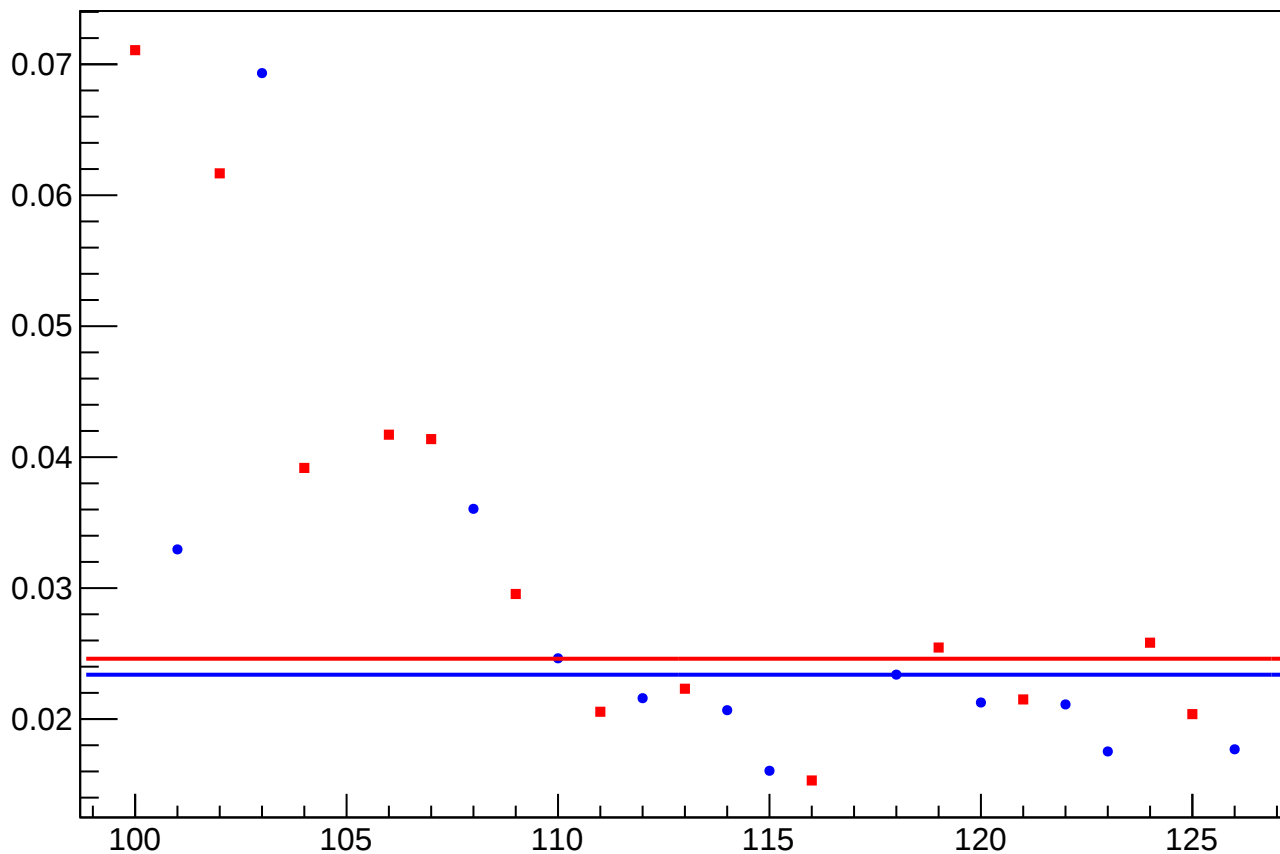
Right: -0.596+/-0.000 χ^2/NDF : 11402325.5/24

In: -0.589+/-0.000 χ^2/NDF : 615685.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.596+/-0.000 χ^2/NDF : 11402325.5/24

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 780080.9/11

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

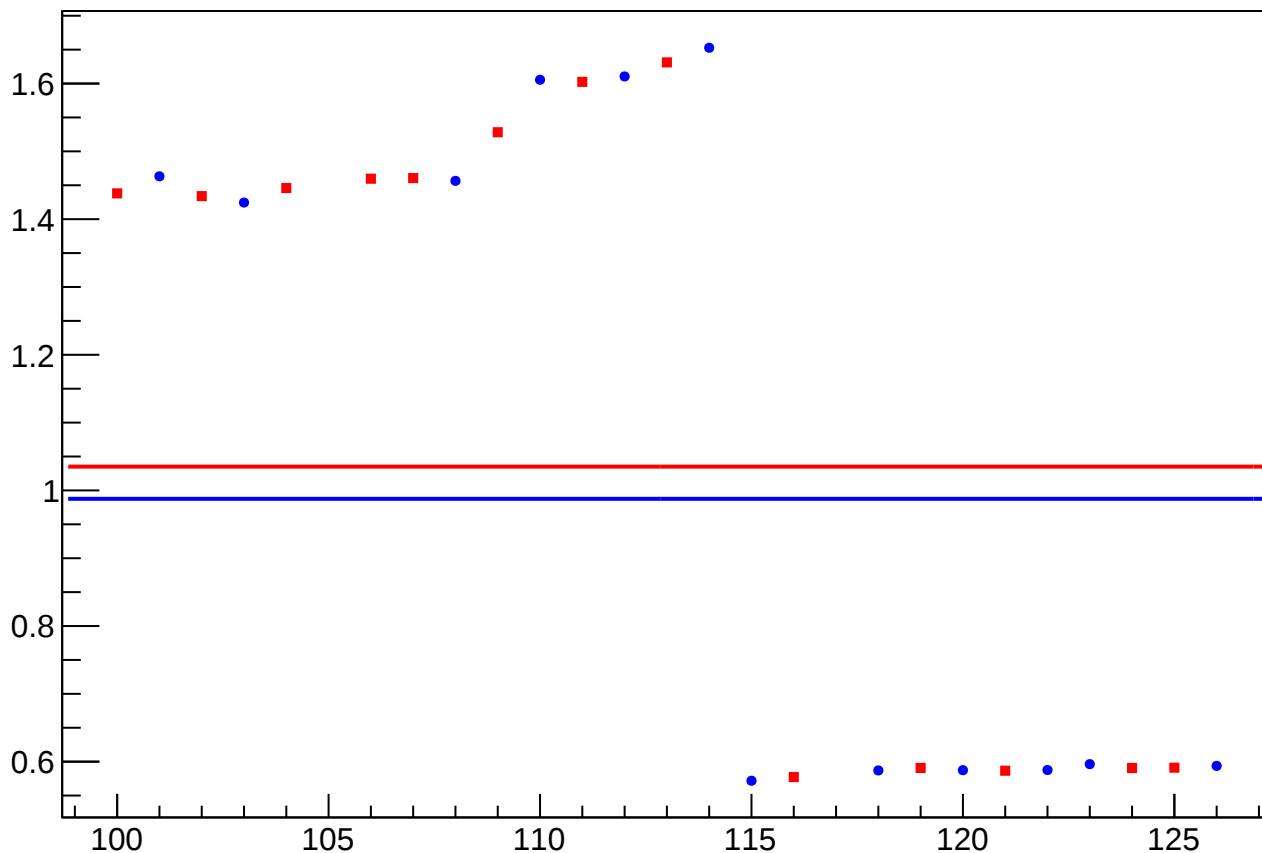
Right: 0.024+/-0.000 χ^2/NDF : 1717279.7/24

In: 0.023+/-0.000 χ^2/NDF : 780080.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1717279.7/24

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.988+/-0.000

χ^2/NDF : 2565682786.1/11

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 1.012+/-0.000 χ^2/NDF : 5476073015.4/24

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.988+/-0.000 χ^2/NDF : 2565682786.1/11

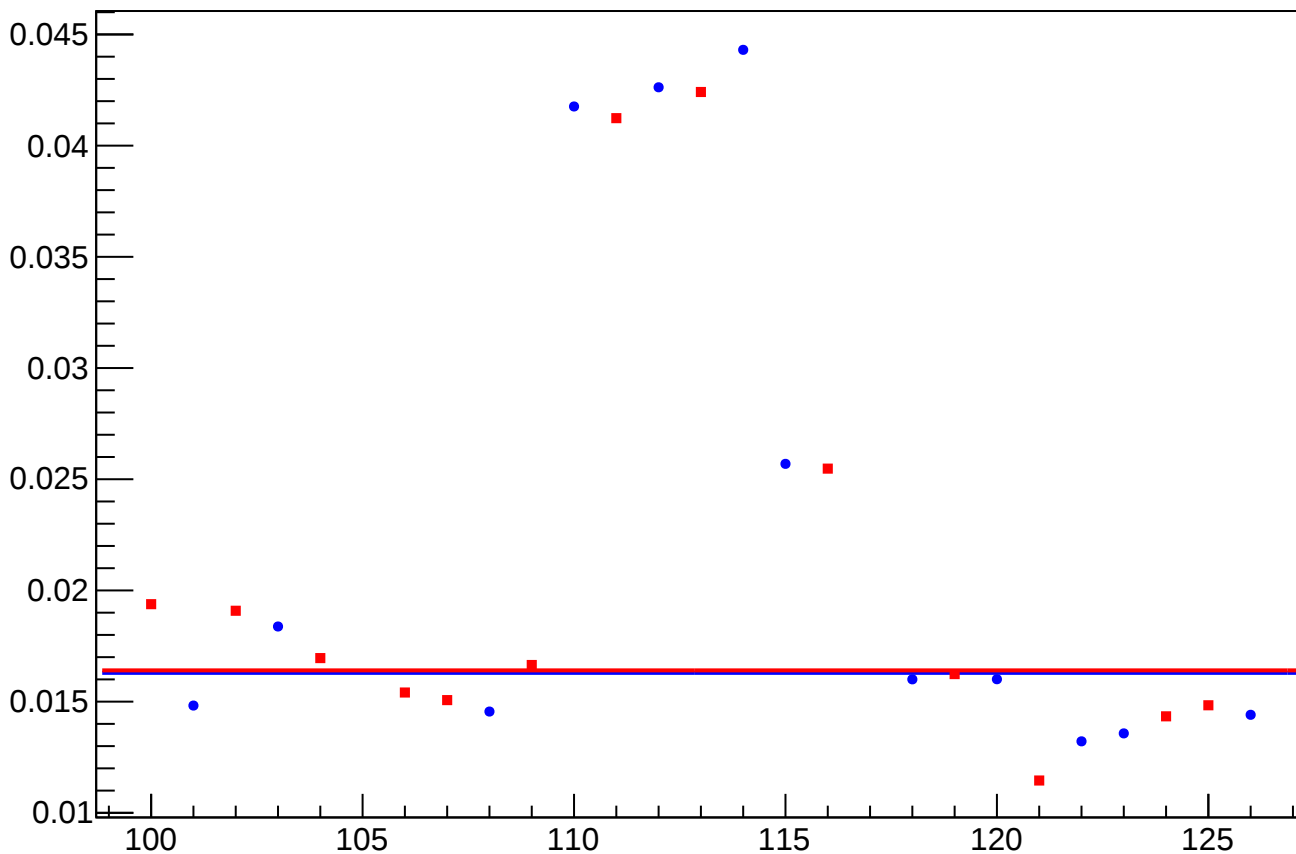
Right Out: 1.035+/-0.000 χ^2/NDF : 2894566685.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

All: 1.012+/-0.000 χ^2/NDF : 5476073015.4/24

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 788926.2/11

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

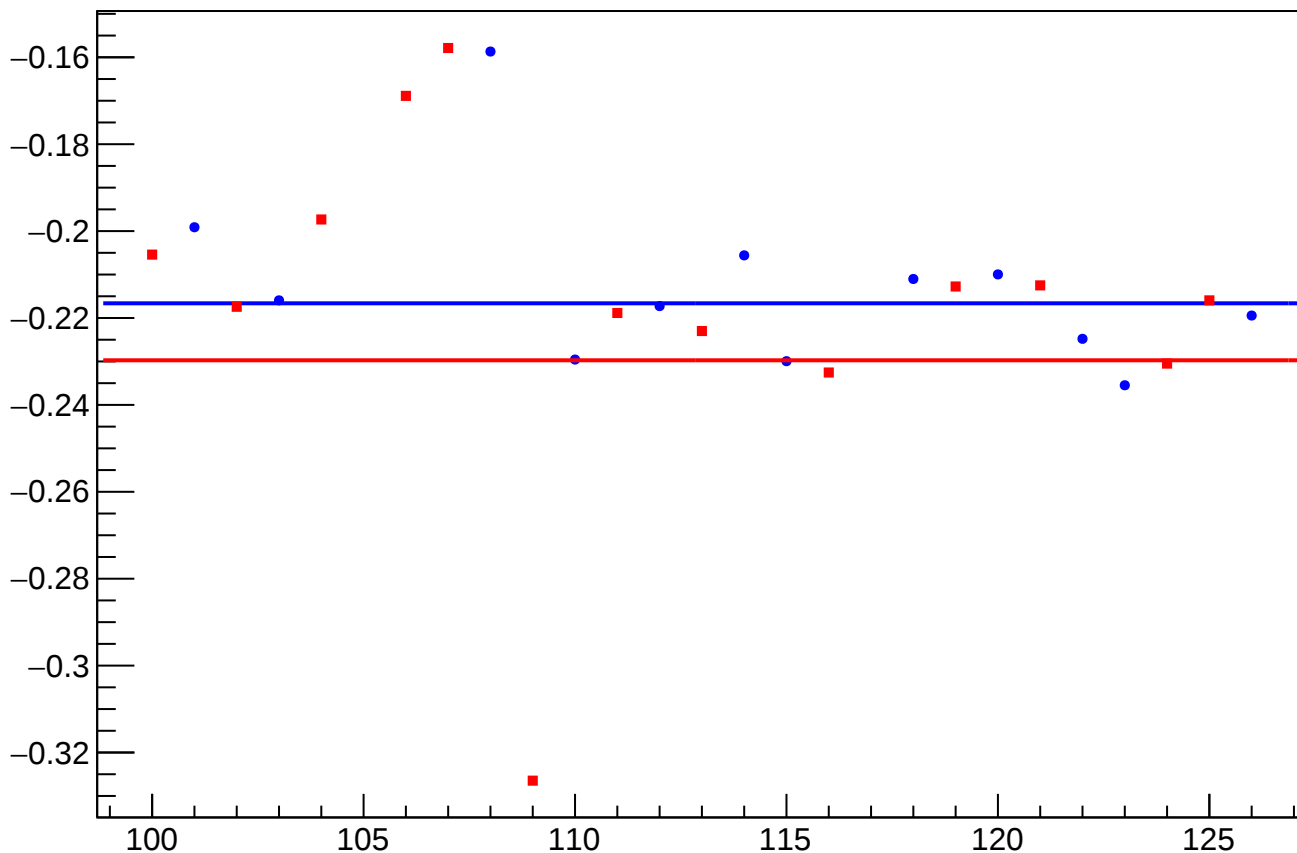
Right: 0.016+/-0.000 χ^2/NDF : 1652920.6/24

In: 0.016+/-0.000 χ^2/NDF : 788926.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 1652920.6/24

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.217+/-0.000 χ^2/NDF : 1389638.4/11

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

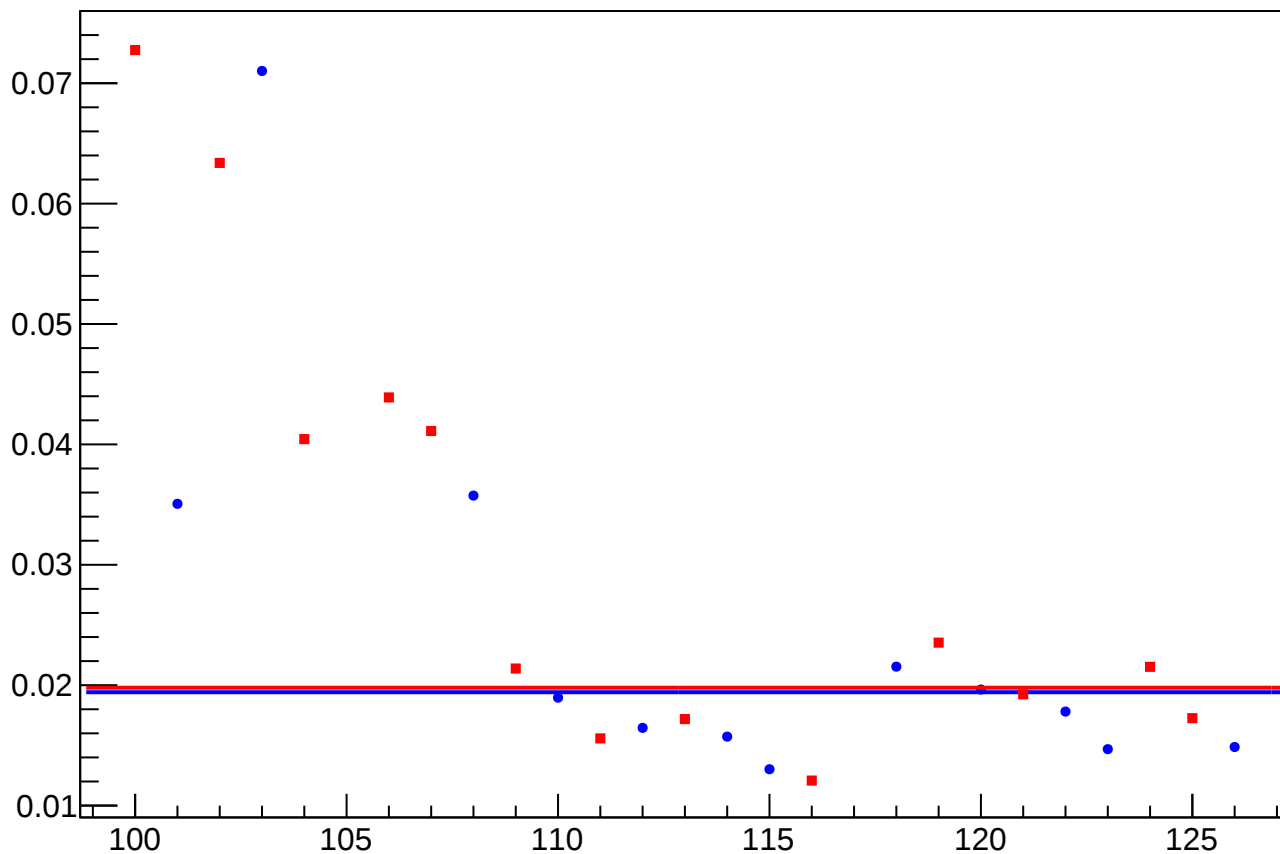
Right: -0.223+/-0.000 χ^2/NDF : 13406848.5/24

In: -0.217+/-0.000 χ^2/NDF :1389638.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.223+/-0.000 χ^2/NDF : 13406848.5/24

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 1075982.2/11

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

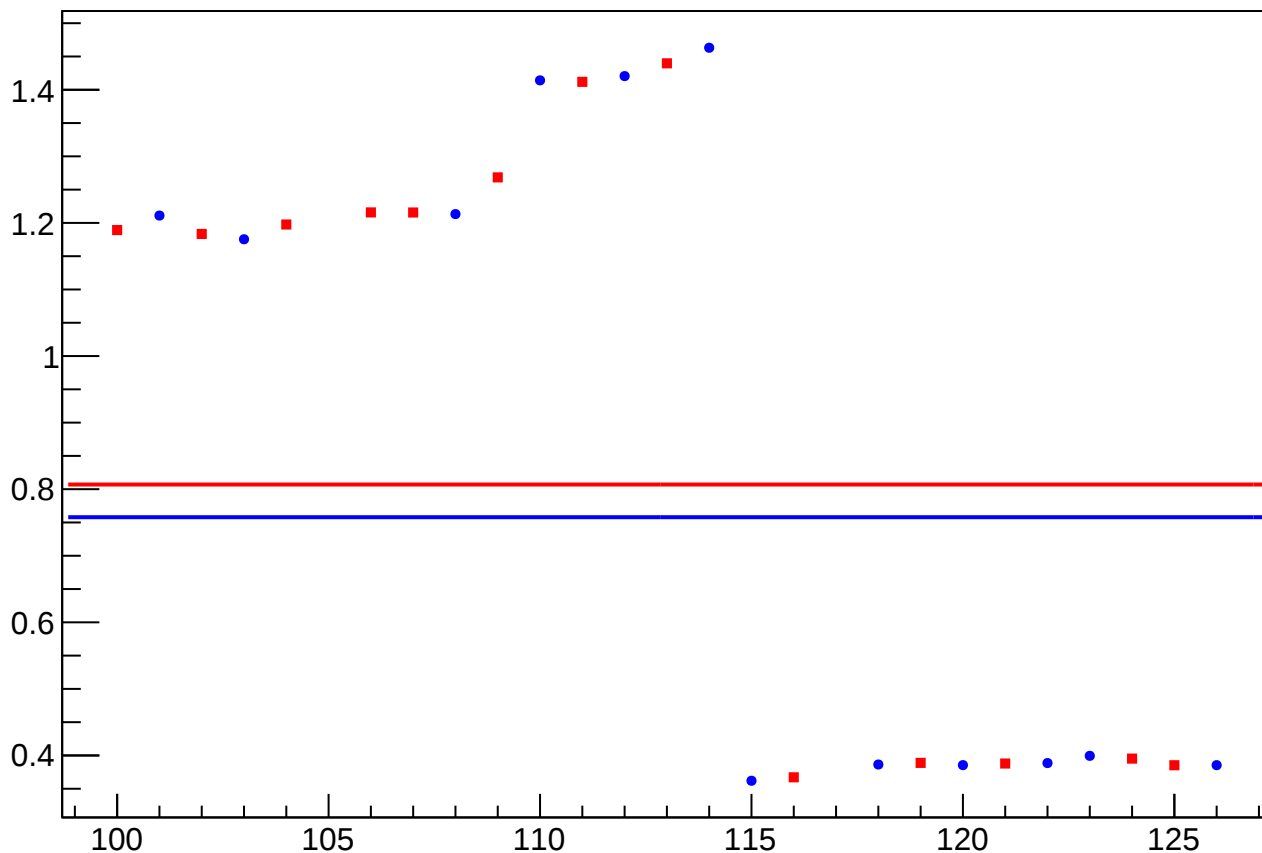
Right: 0.020+/-0.000 χ^2/NDF : 2378335.2/24

In: 0.019+/-0.000 χ^2/NDF : 1075982.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.000 χ^2/NDF : 2378335.2/24

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.758+/-0.000 χ^2/NDF : 3441897475.4/11

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

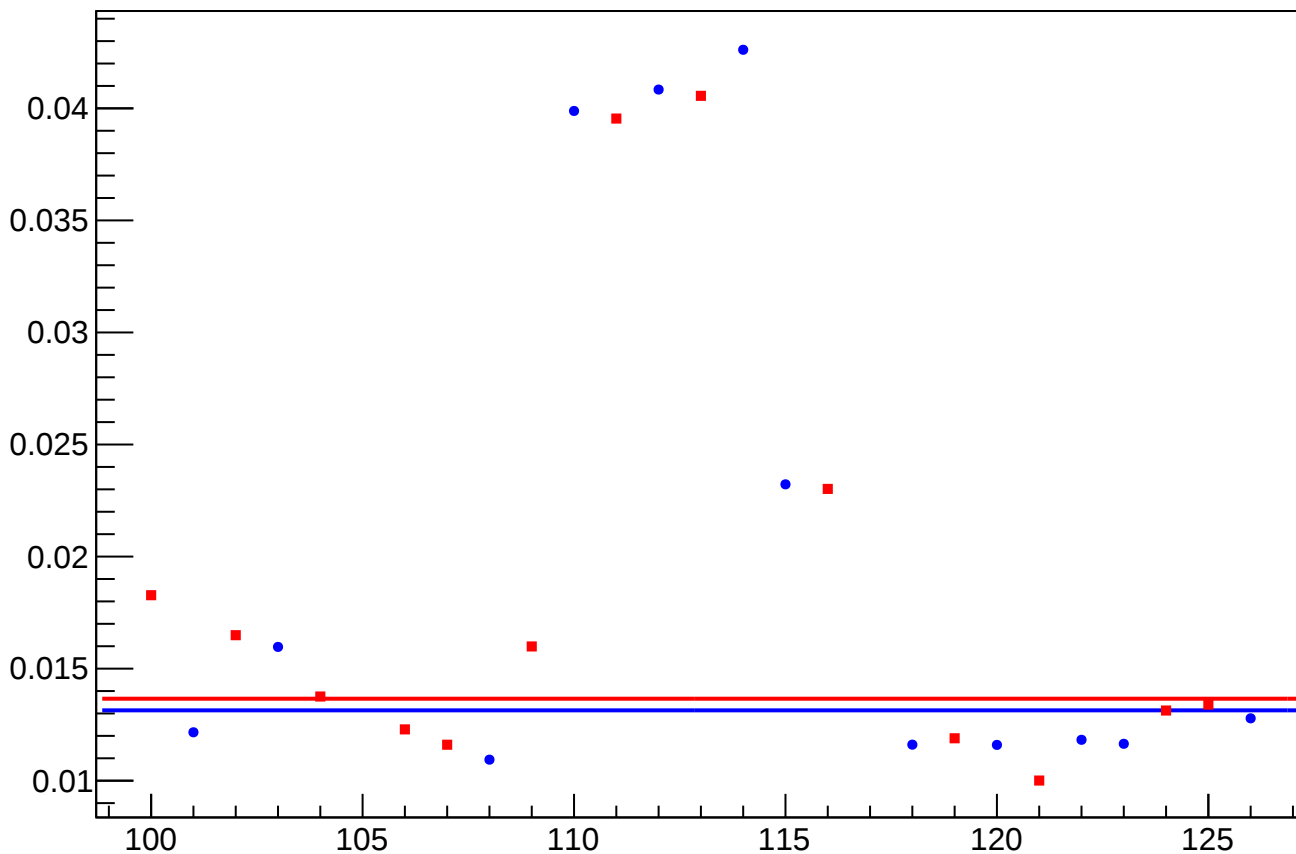
Right: 0.783+/-0.000 χ^2/NDF : 7087203959.2/24

In: 0.758+/-0.000 χ^2/NDF :3441897475.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.783+/-0.000 χ^2/NDF : 7087203959.2/24

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 945764.5/11

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

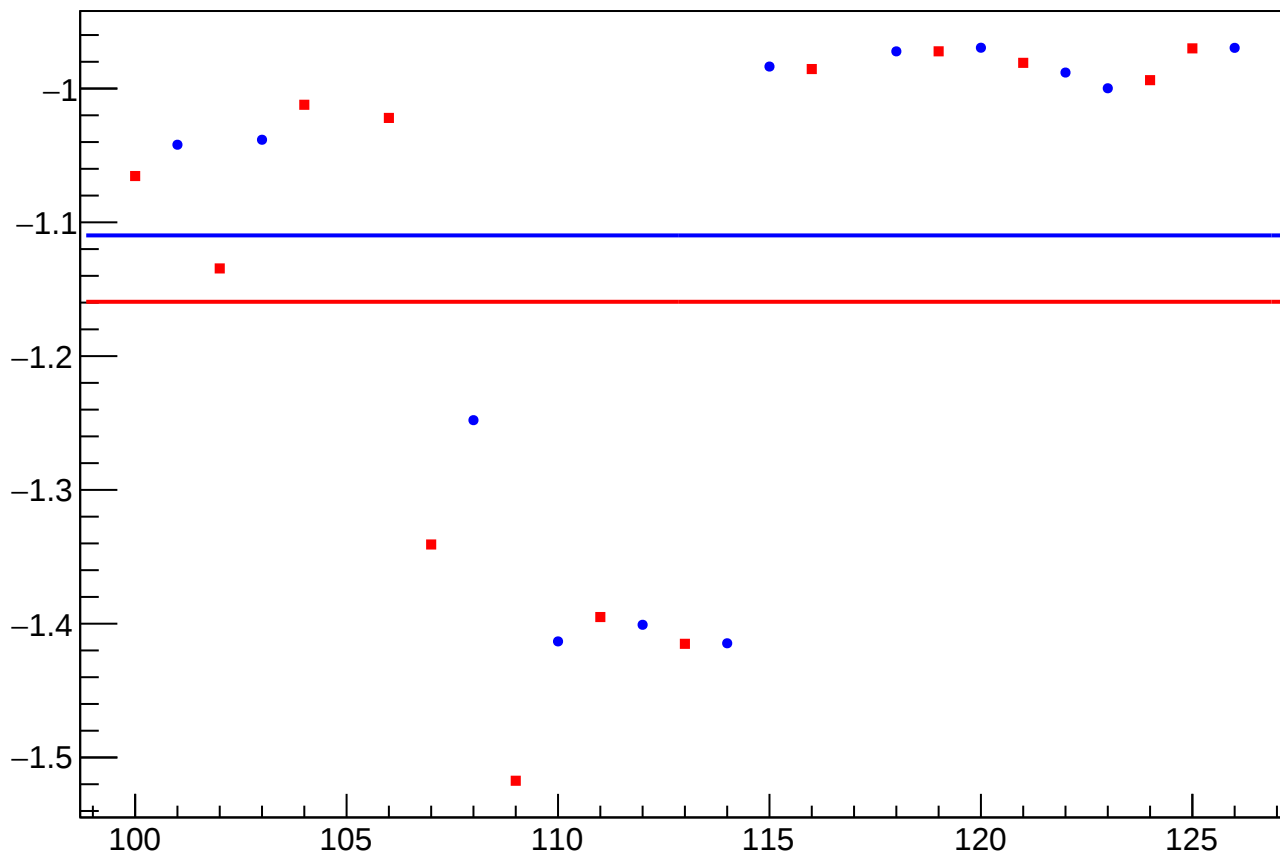
Right: 0.013+/-0.000 χ^2/NDF : 1954418.7/24

In: 0.013+/-0.000 χ^2/NDF : 945764.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 1954418.7/24

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.110+/-0.000 χ^2/NDF : 211142774.2/11

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

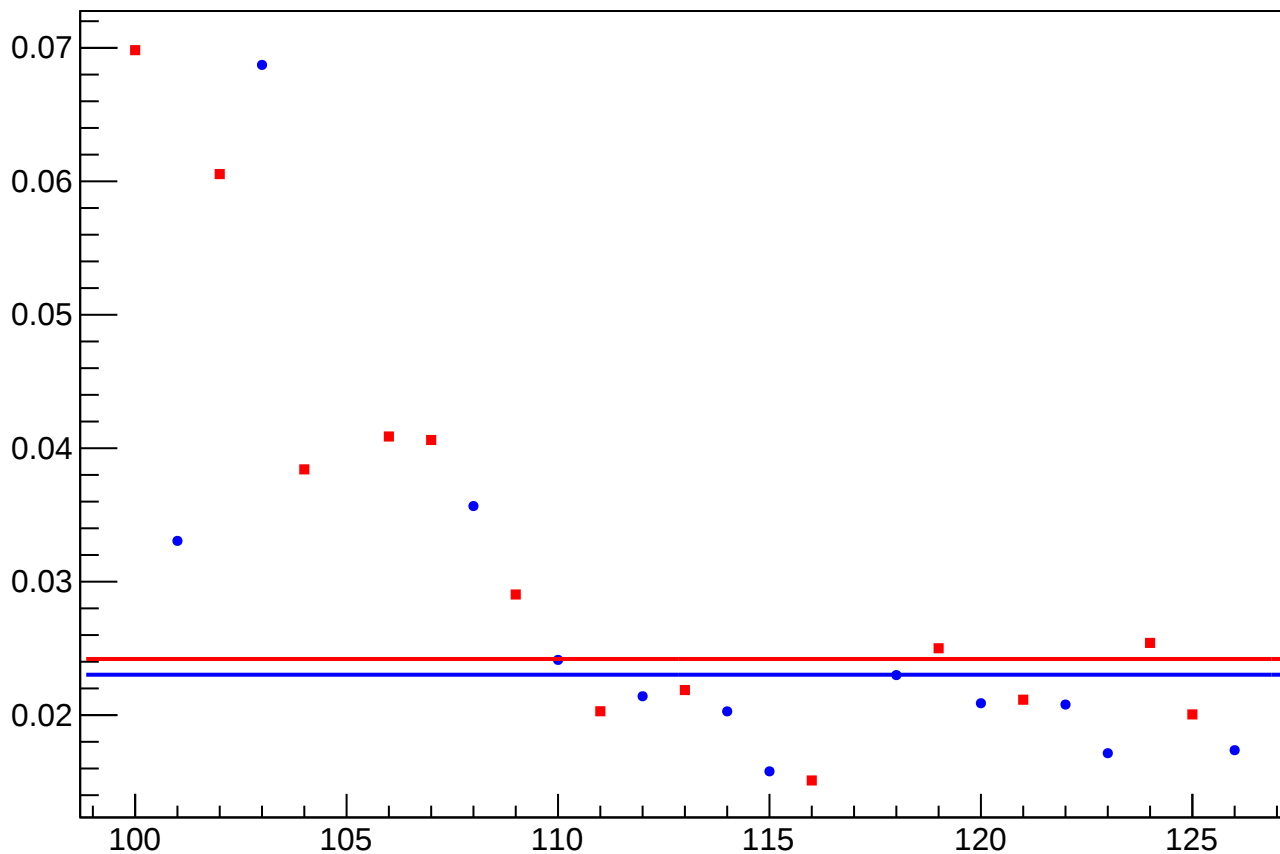
Right: -1.135+/-0.000 χ^2/NDF : 501033804.3/24

In: -1.110+/-0.000 χ^2/NDF :211142774.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.135+/-0.000 χ^2/NDF : 501033804.3/24

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 791691.4/11

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

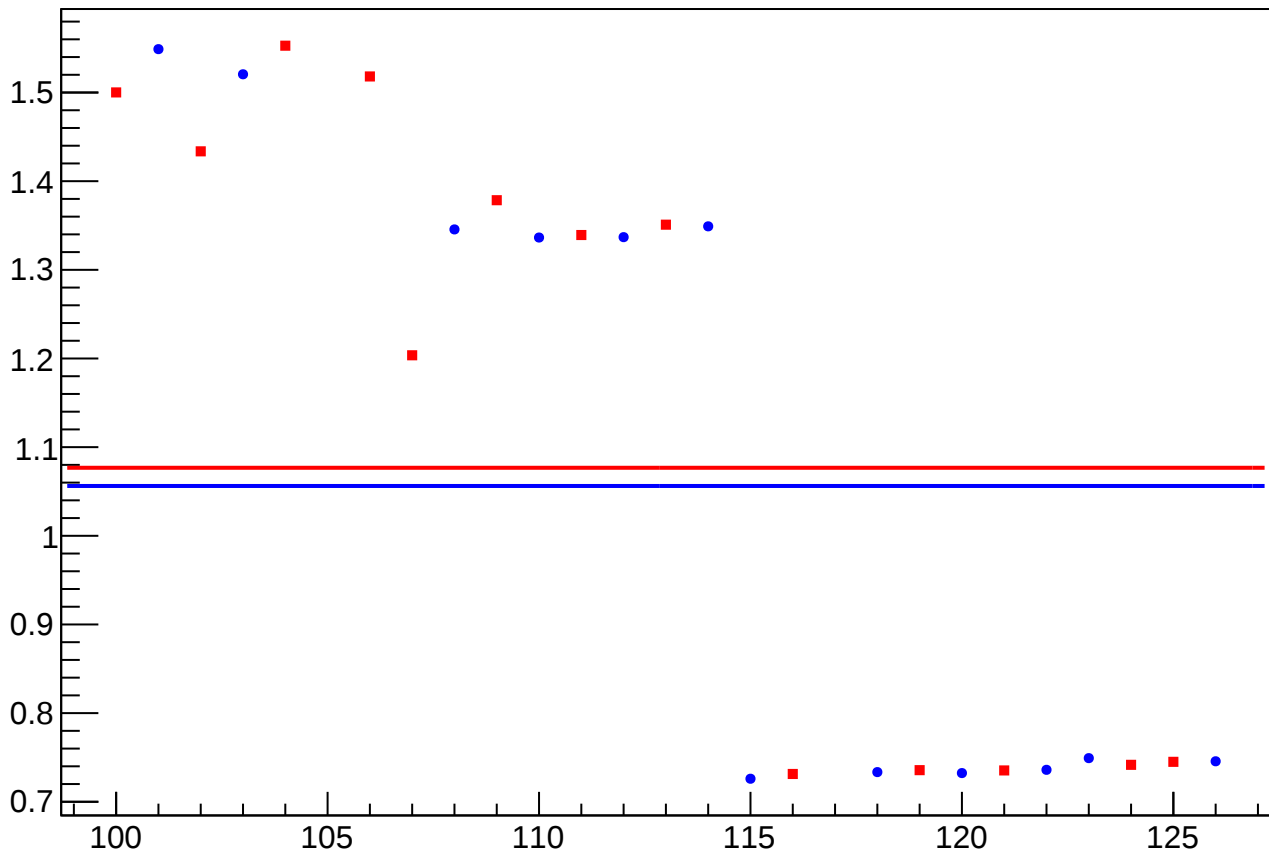
Right: 0.024+/-0.000 χ^2/NDF : 1721527.6/24

In: 0.023+/-0.000 χ^2/NDF : 791691.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1721527.6/24

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.056+/-0.000 χ^2/NDF : 1729033751.2/11

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

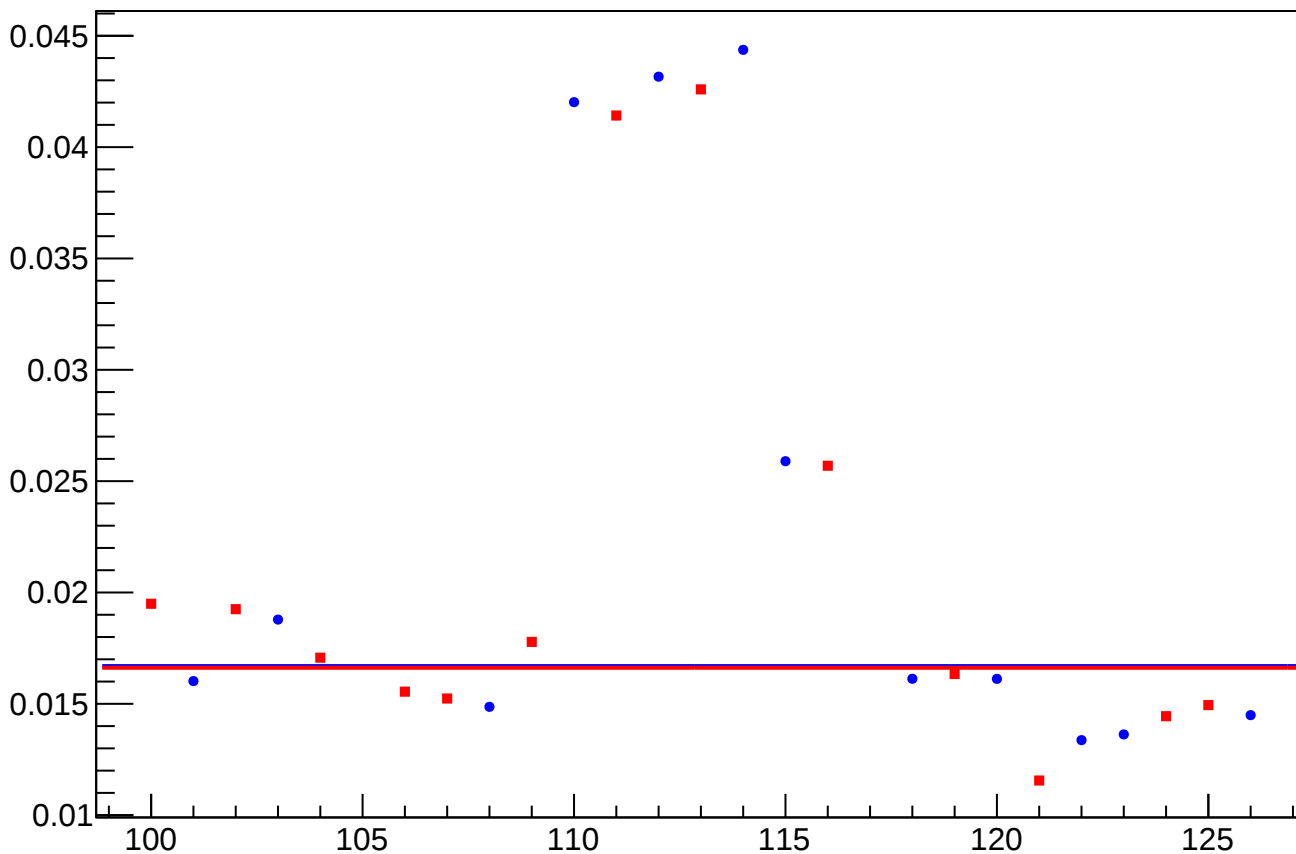
Right: 1.067+/-0.000 χ^2/NDF : 3486057293.9/24

In: 1.056+/-0.000 χ^2/NDF : 1729033751.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.067+/-0.000 χ^2/NDF : 3486057293.9/24

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 778128.8/11

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

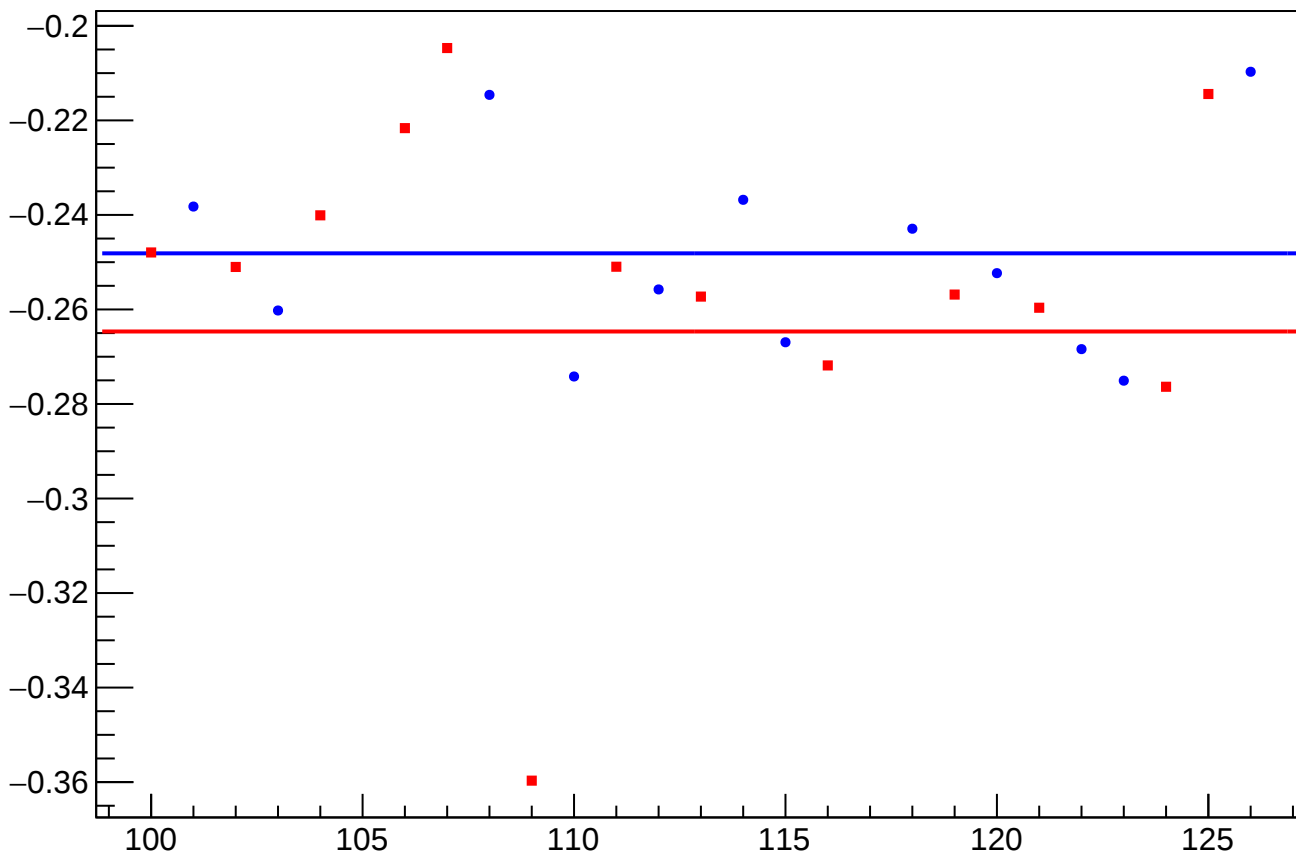
Right: 0.017+/-0.000 χ^2/NDF : 1641345.1/24

In: 0.017+/-0.000 χ^2/NDF : 778128.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.000 χ^2/NDF : 1641345.1/24

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.248+/-0.000 χ^2/NDF : 3655205.3/11

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

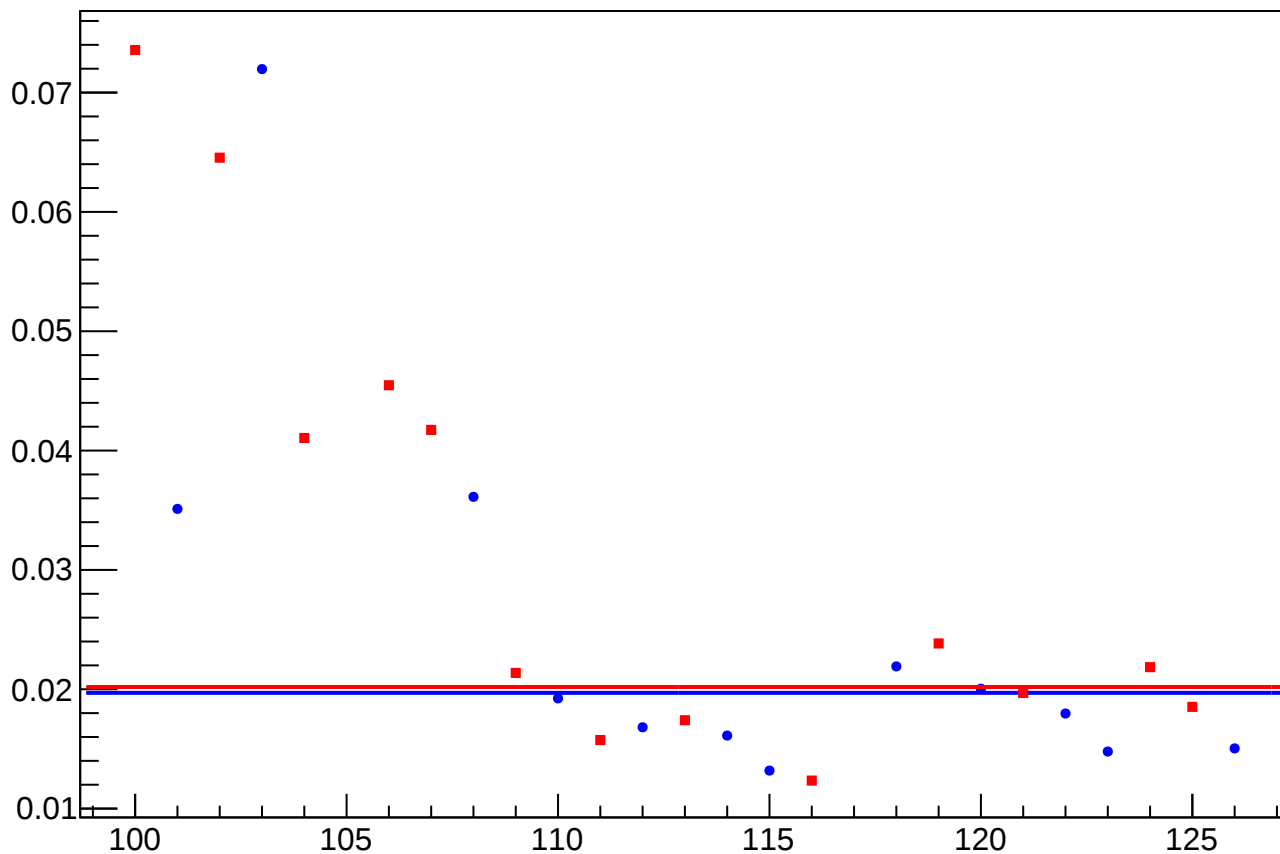
Right: -0.257+/-0.000 χ^2/NDF : 16637480.5/24

In: -0.248+/-0.000 χ^2/NDF :3655205.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.257+/-0.000 χ^2/NDF : 16637480.5/24

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1064669.4/11

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

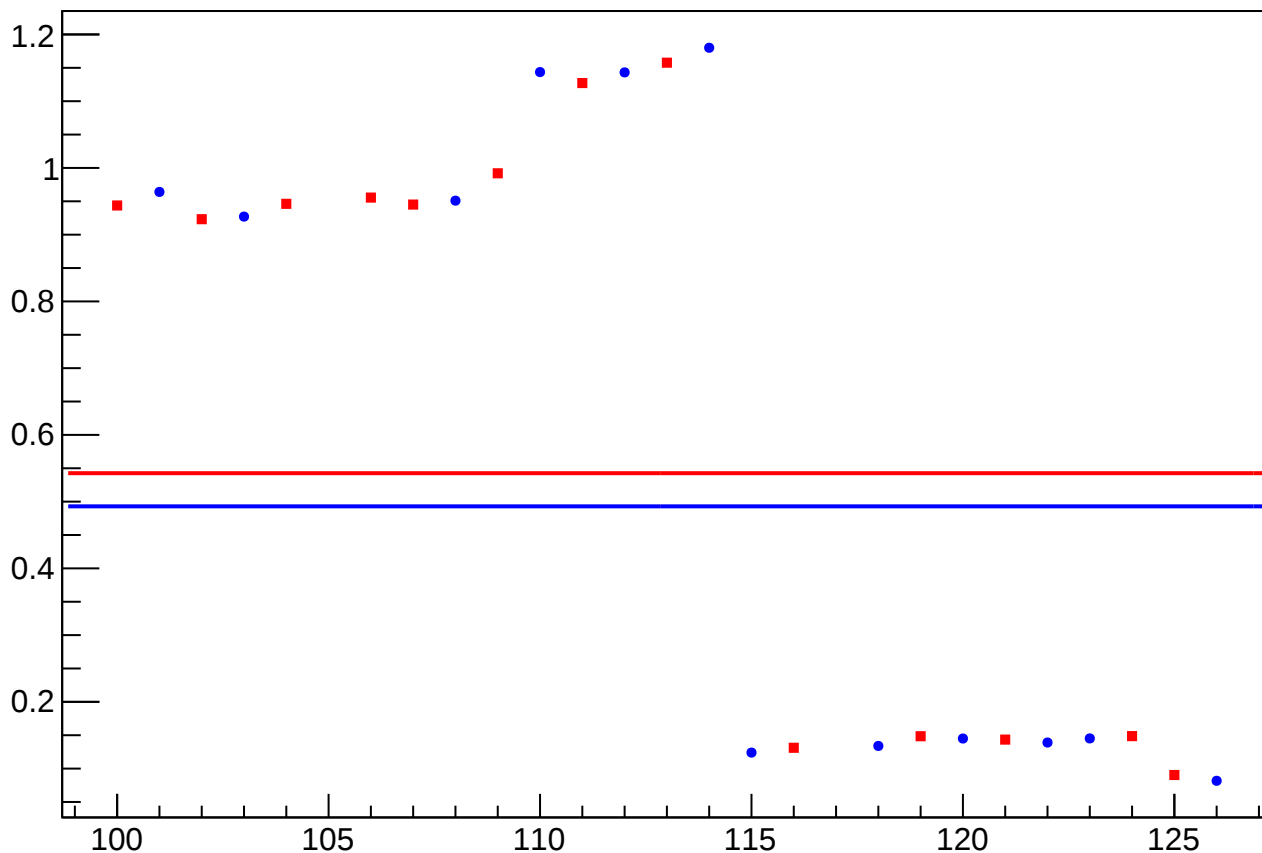
Right: 0.020+/-0.000 χ^2/NDF : 2365366.2/24

In: 0.020+/-0.000 χ^2/NDF :1064669.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.020+/-0.000 χ^2/NDF : 2365366.2/24

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.493+/-0.000 χ^2/NDF : 3537396585.8/11

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

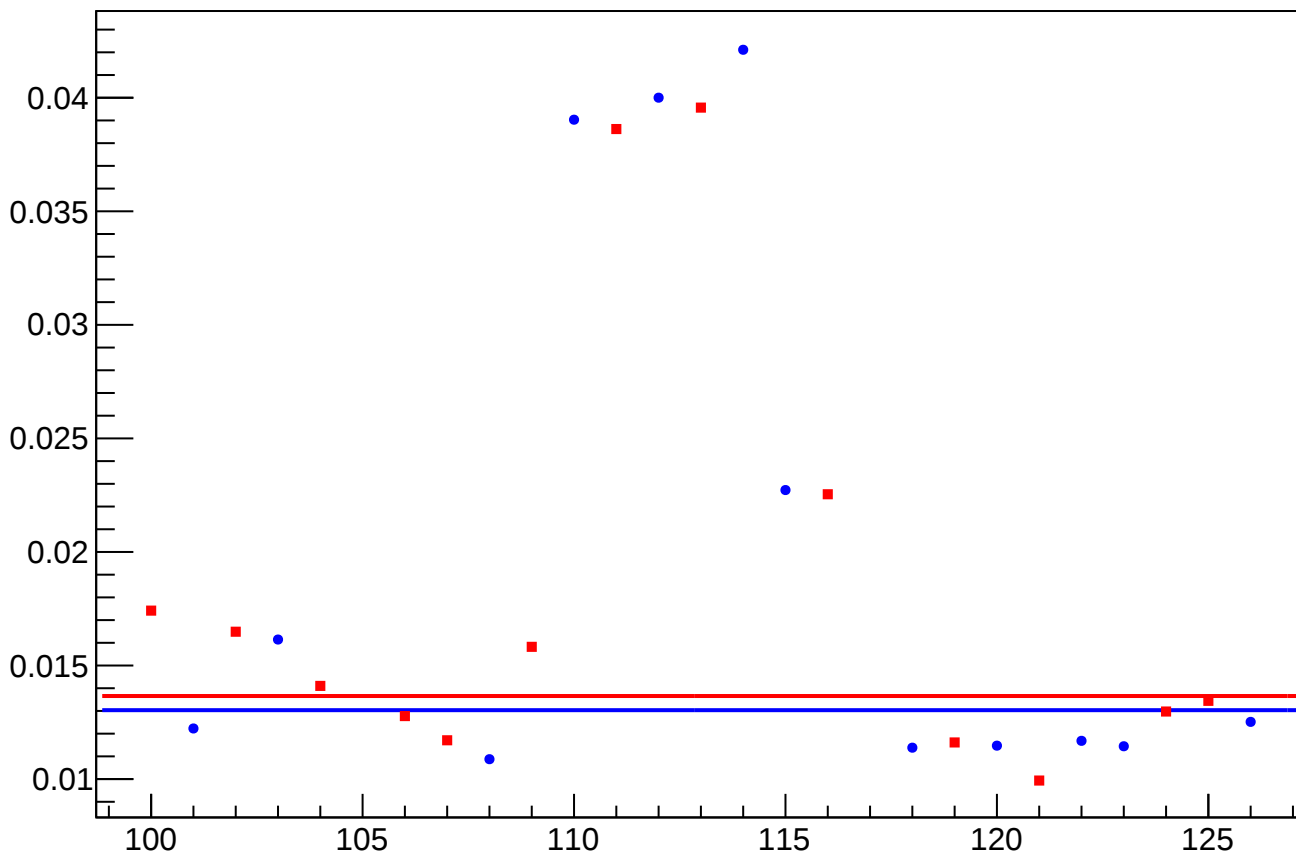
Right: 0.518+/-0.000 χ^2/NDF : 7093540506.0/24

In: 0.493+/-0.000 χ^2/NDF :3537396585.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.518+/-0.000 χ^2/NDF : 7093540506.0/24

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 944688.7/11

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

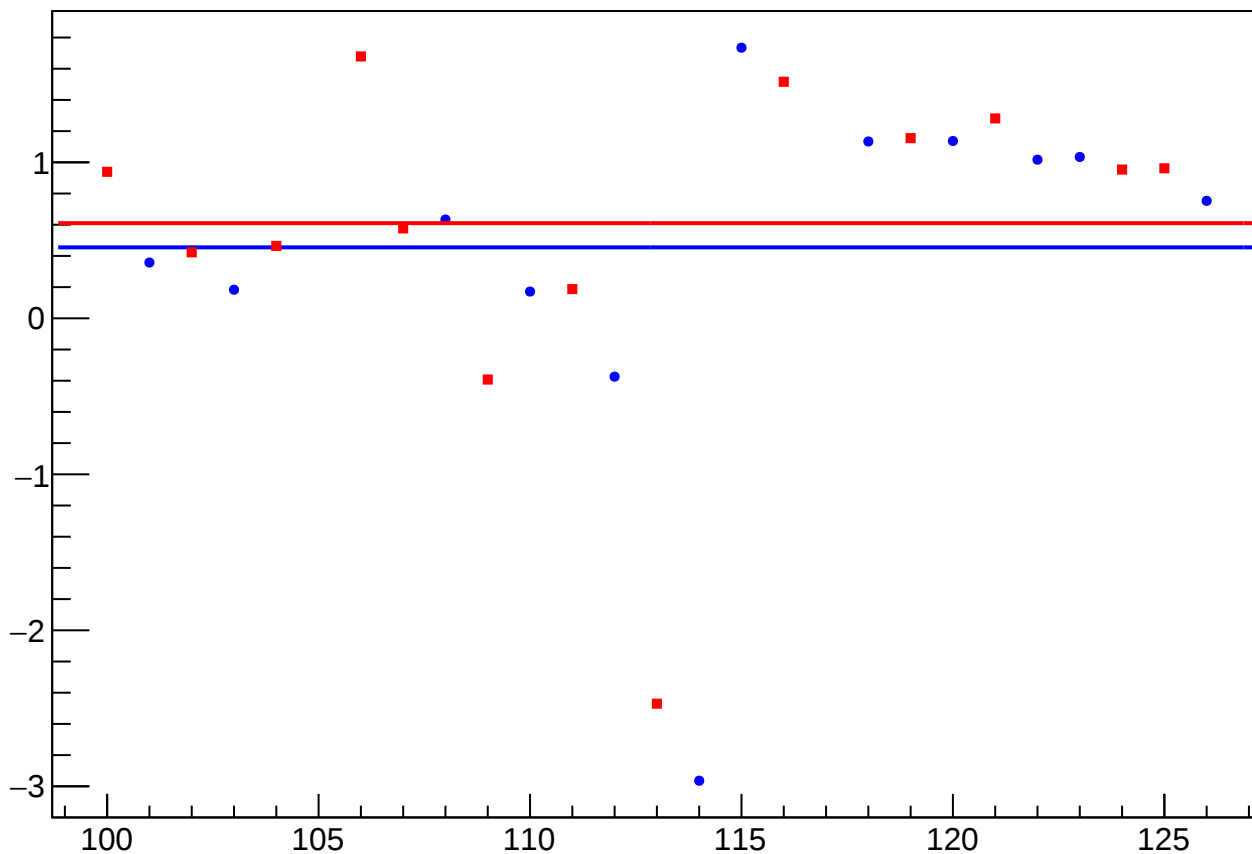
Right: 0.013+/-0.000 χ^2/NDF : 1938078.3/24

In: 0.013+/-0.000 χ^2/NDF : 944688.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 1938078.3/24

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.455+/-0.000 χ^2/NDF : 205151276.7/11

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

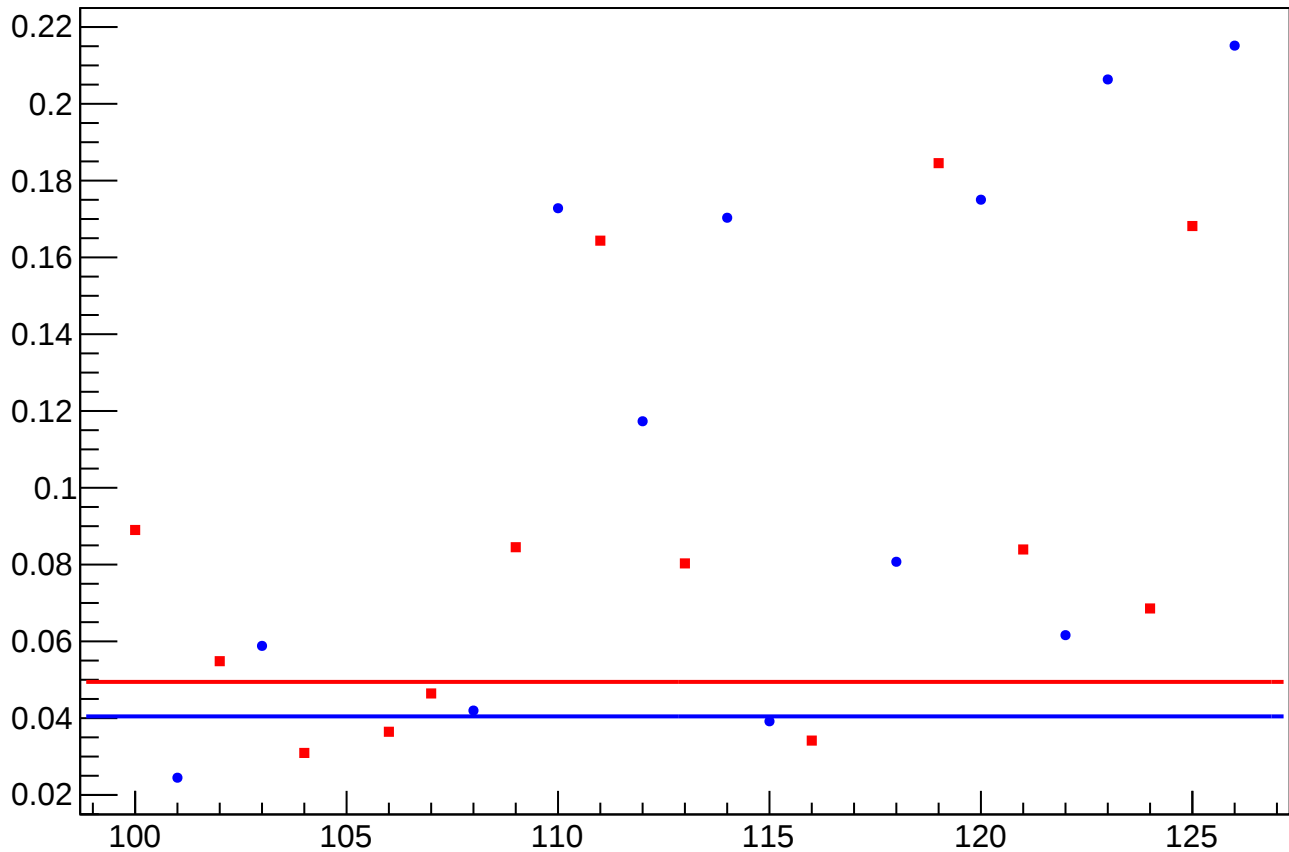
Right: 0.526+/-0.000 χ^2/NDF : 1089142903.6/24

In: 0.455+/-0.000 χ^2/NDF :205151276.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.526+/-0.000 χ^2/NDF : 1089142903.6/24

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.040+/-0.000 χ^2/NDF : 2394877.6/11

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

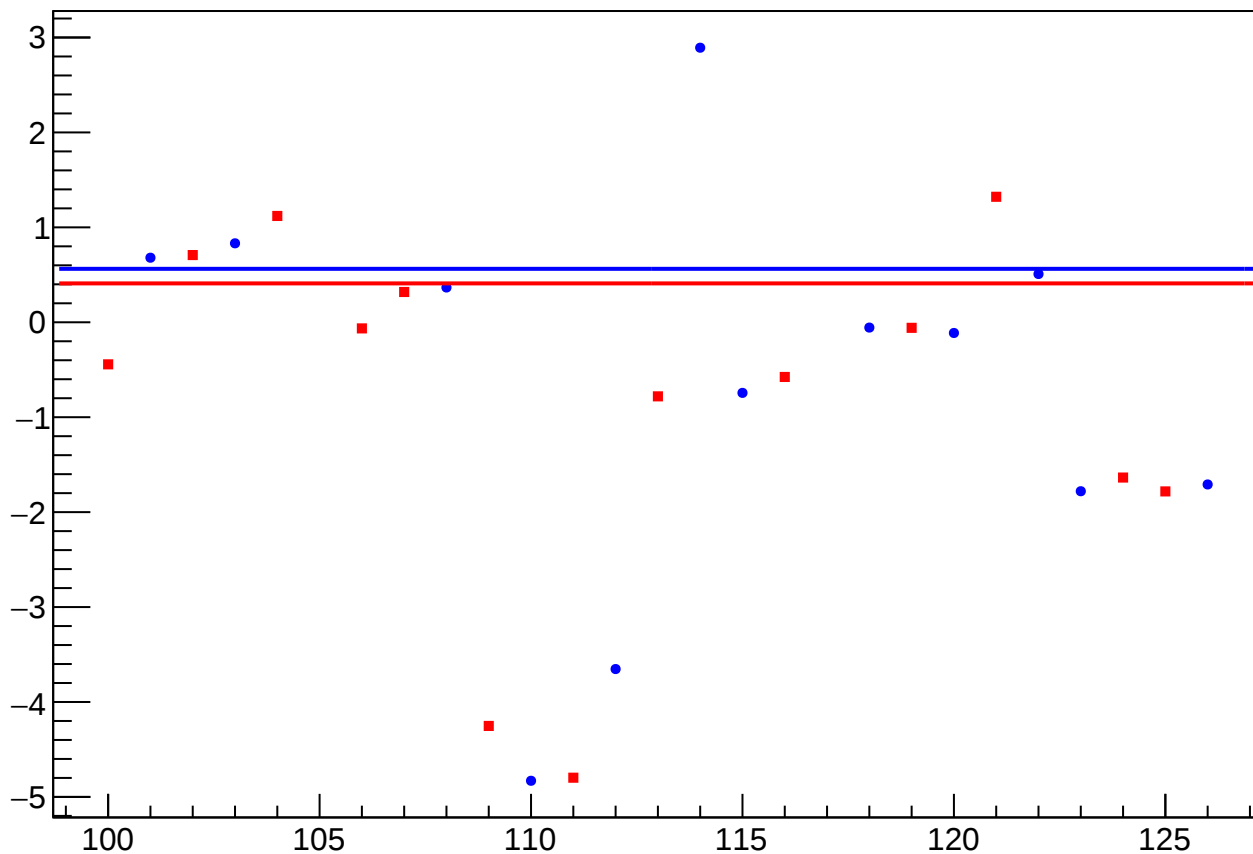
Right: 0.045+/-0.000 χ^2/NDF : 4433405.5/24

In: 0.040+/-0.000 χ^2/NDF : 2394877.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.045+/-0.000 χ^2/NDF : 4433405.5/24

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.563+/-0.000 χ^2/NDF : 1666286701.9/11

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

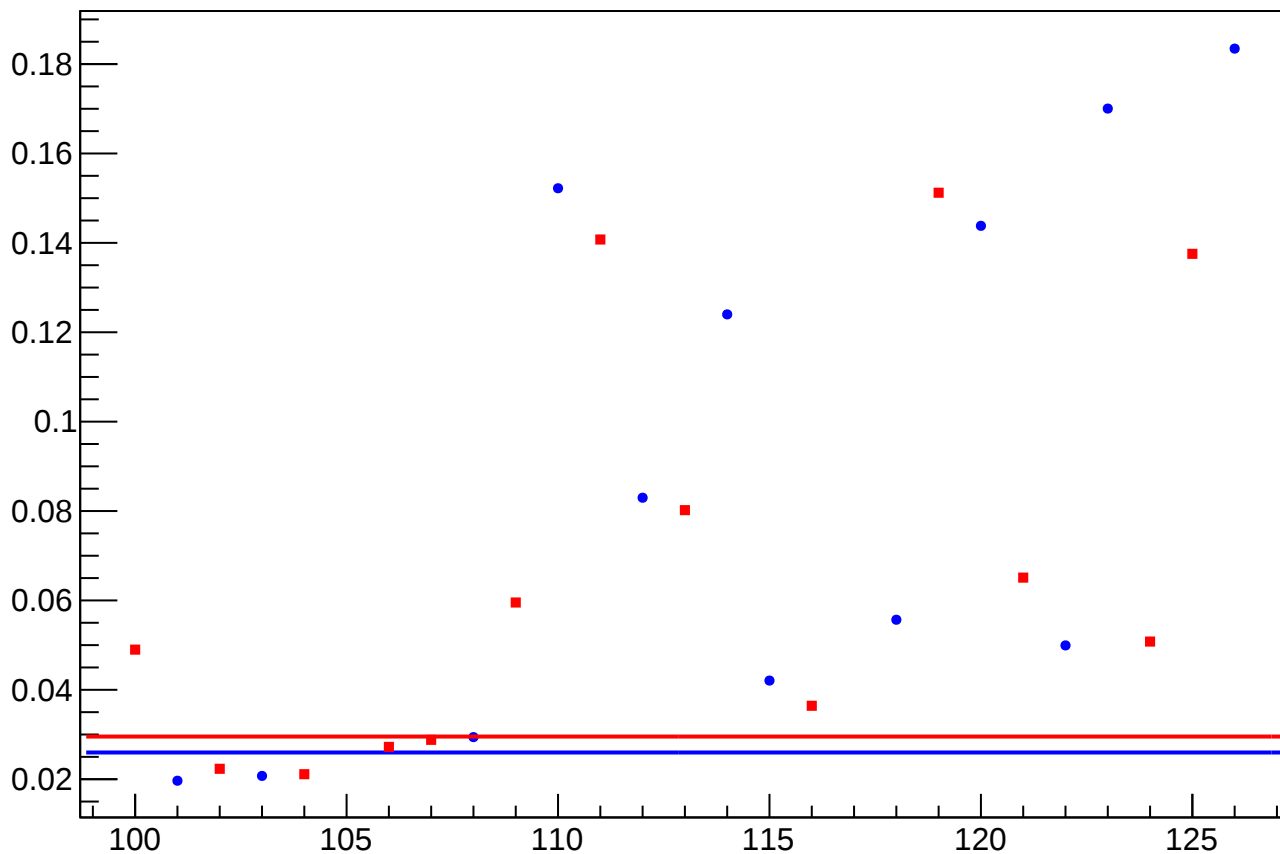
Right: 0.489+/-0.000 χ^2/NDF : 5590387025.0/24

In: 0.563+/-0.000 χ^2/NDF :1666286701.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.489+/-0.000 χ^2/NDF : 5590387025.0/24

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.026+/-0.000 χ^2/NDF : 2310960.5/11

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

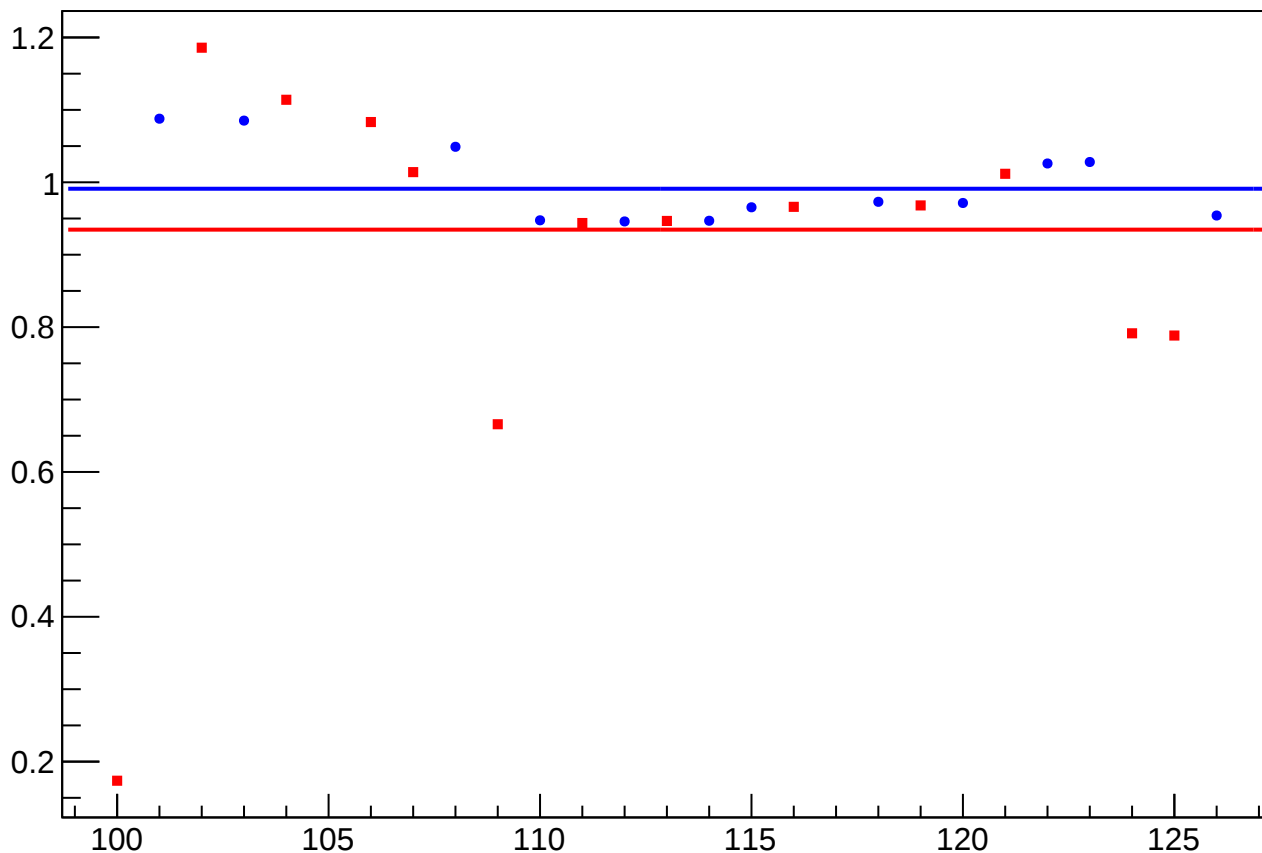
Right: 0.028+/-0.000 χ^2/NDF : 4774104.0/24

In: 0.026+/-0.000 χ^2/NDF : 2310960.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.000 χ^2/NDF : 4774104.0/24

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.991+/-0.000 χ^2/NDF : 46358139.4/11

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

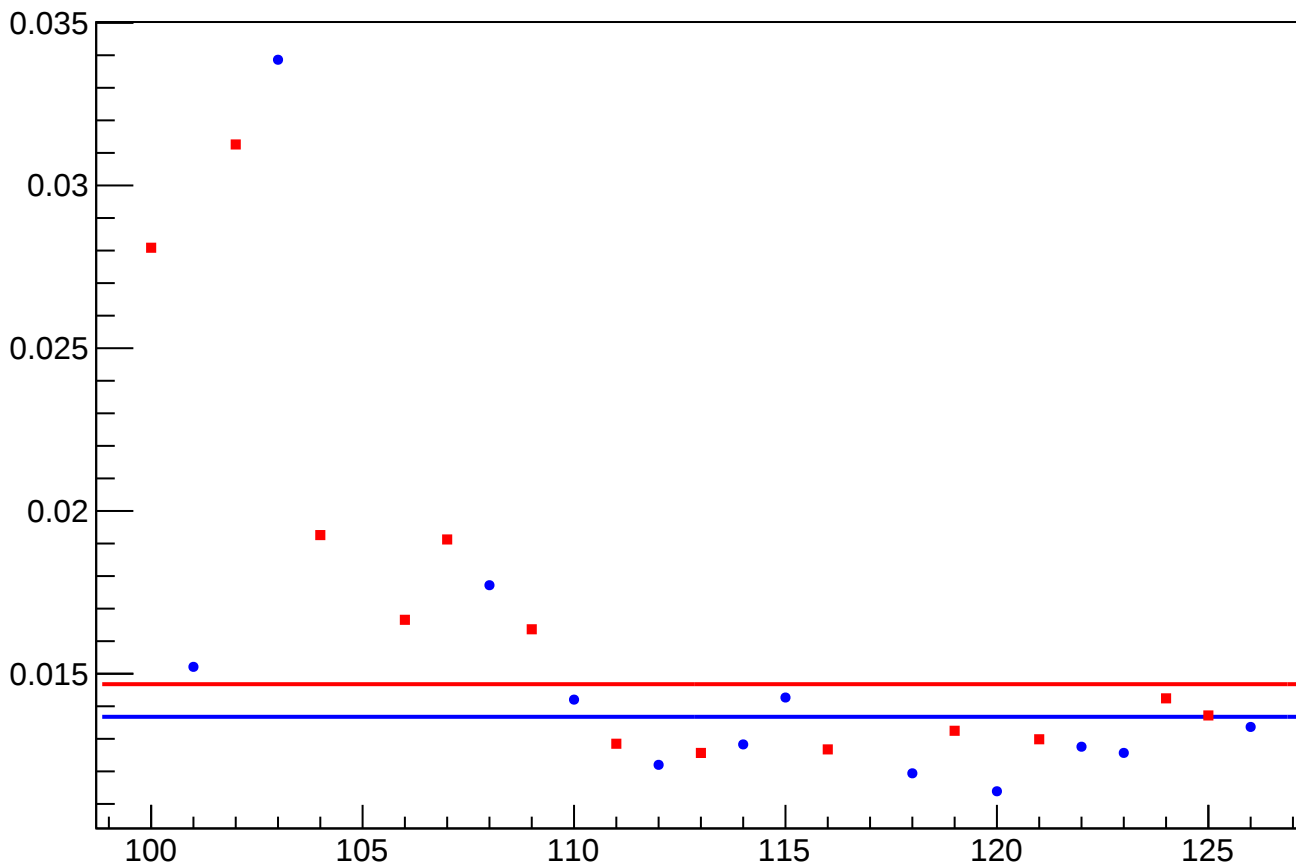
Right: 0.963+/-0.000 χ^2/NDF : 396438301.3/24

In: 0.991+/-0.000 χ^2/NDF :46358139.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.963+/-0.000 χ^2/NDF : 396438301.3/24

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 472451.8/11

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

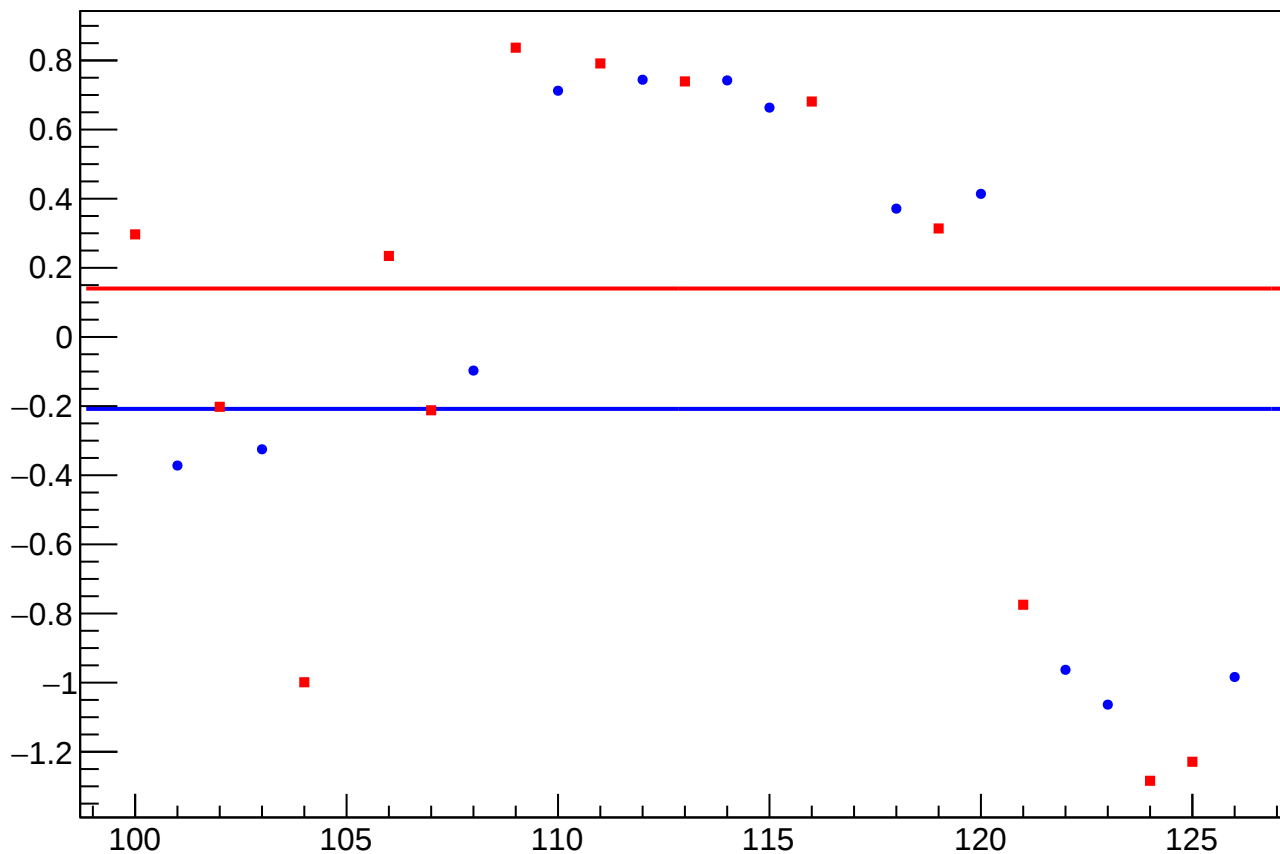
Right: 0.014+/-0.000 χ^2/NDF : 959410.3/24

In: 0.014+/-0.000 χ^2/NDF : 472451.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 959410.3/24

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.208+/-0.000 χ^2/NDF : 4428672242.7/11

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

Right Out: 0.140+/-0.000 χ^2/NDF : 11170020965.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

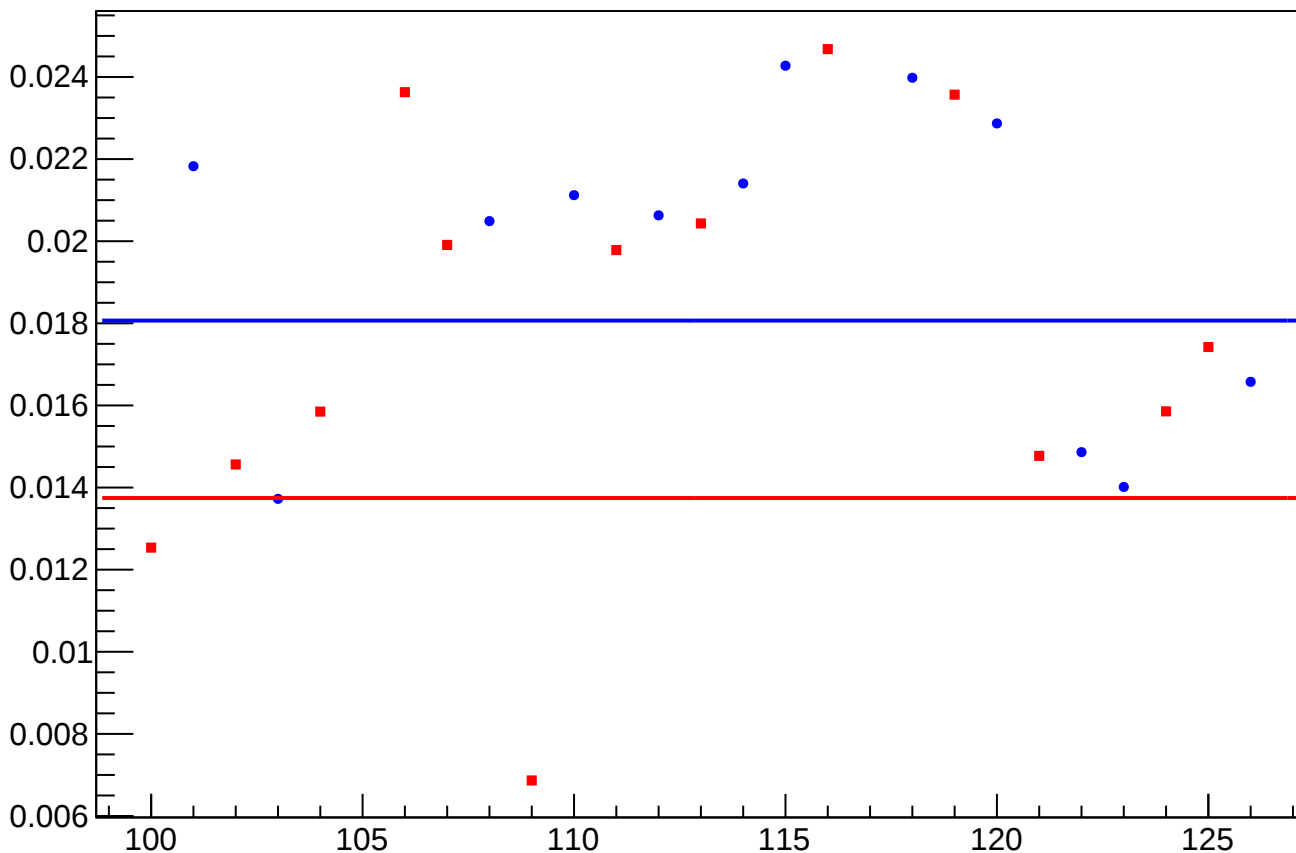
Right: 0.009+/-0.000 χ^2/NDF : 16459621100.2/24

In: -0.208+/-0.000 χ^2/NDF :4428672242.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.000 χ^2/NDF : 16459621100.2/24

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 324273.3/11

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

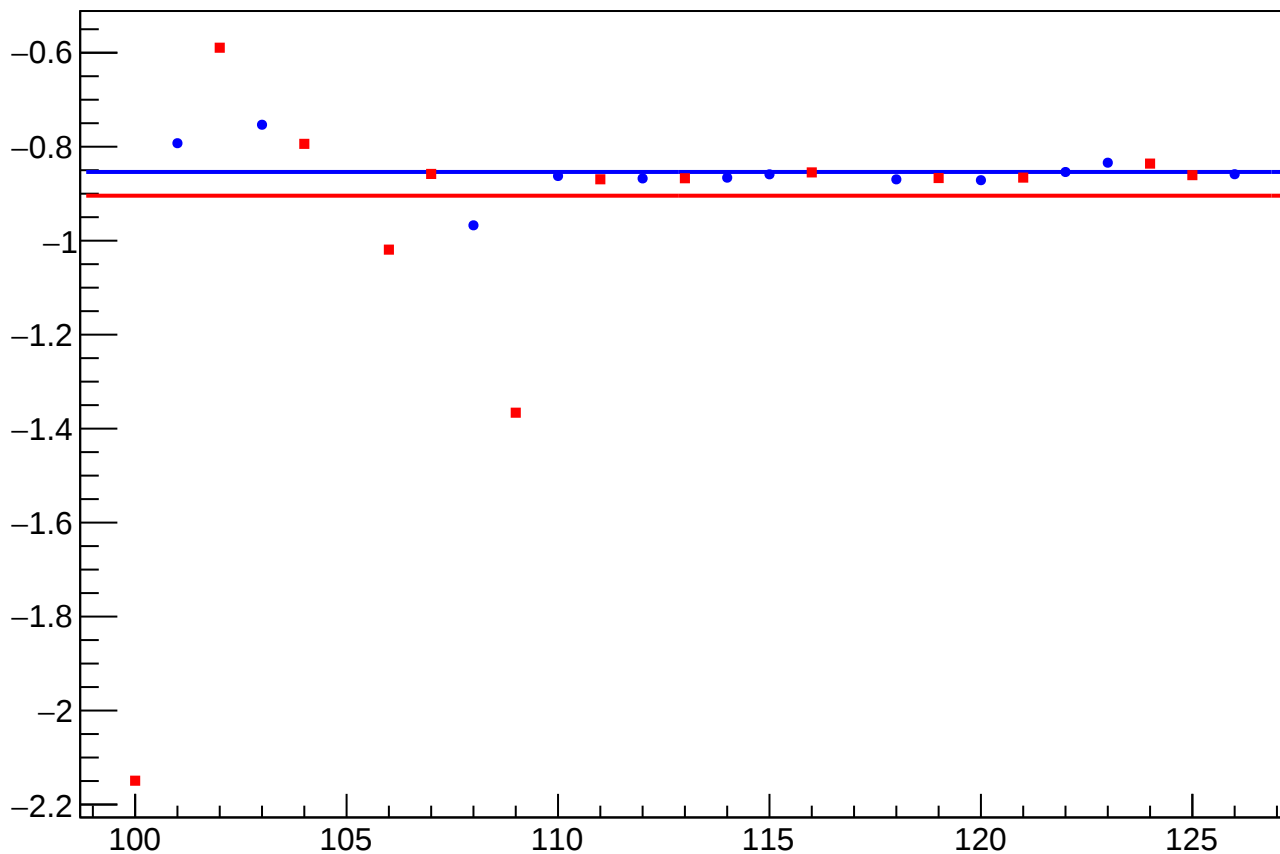
Right: 0.015+/-0.000 χ^2/NDF : 1868604.7/24

In: 0.018+/-0.000 χ^2/NDF :324273.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1868604.7/24

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.854+/-0.000 χ^2/NDF : 6261460.9/11

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

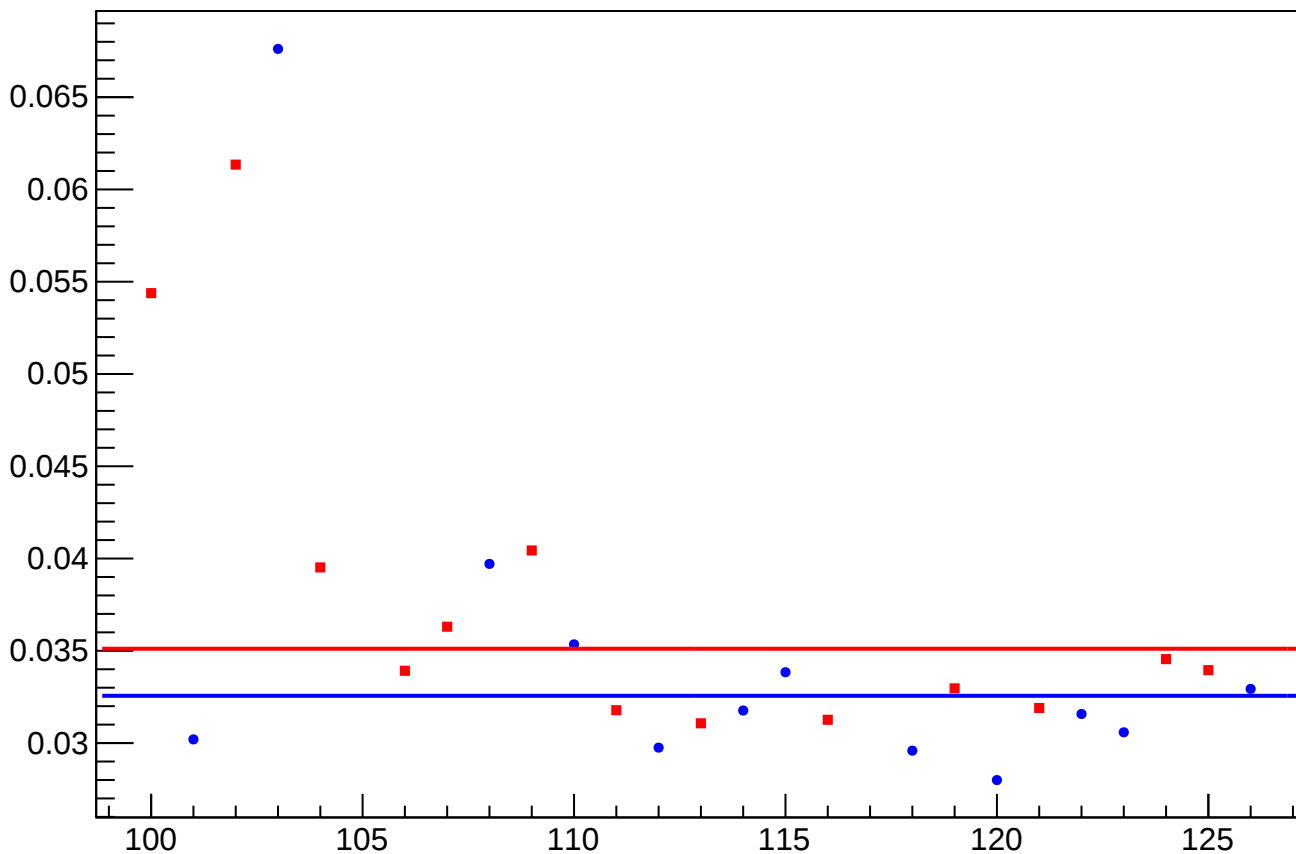
Right: -0.879+/-0.000 χ^2/NDF : 120665462.1/24

In: -0.854+/-0.000 χ^2/NDF :6261460.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.879+/-0.000 χ^2/NDF : 120665462.1/24

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.033+/-0.000 χ^2/NDF : 336891.0/11

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

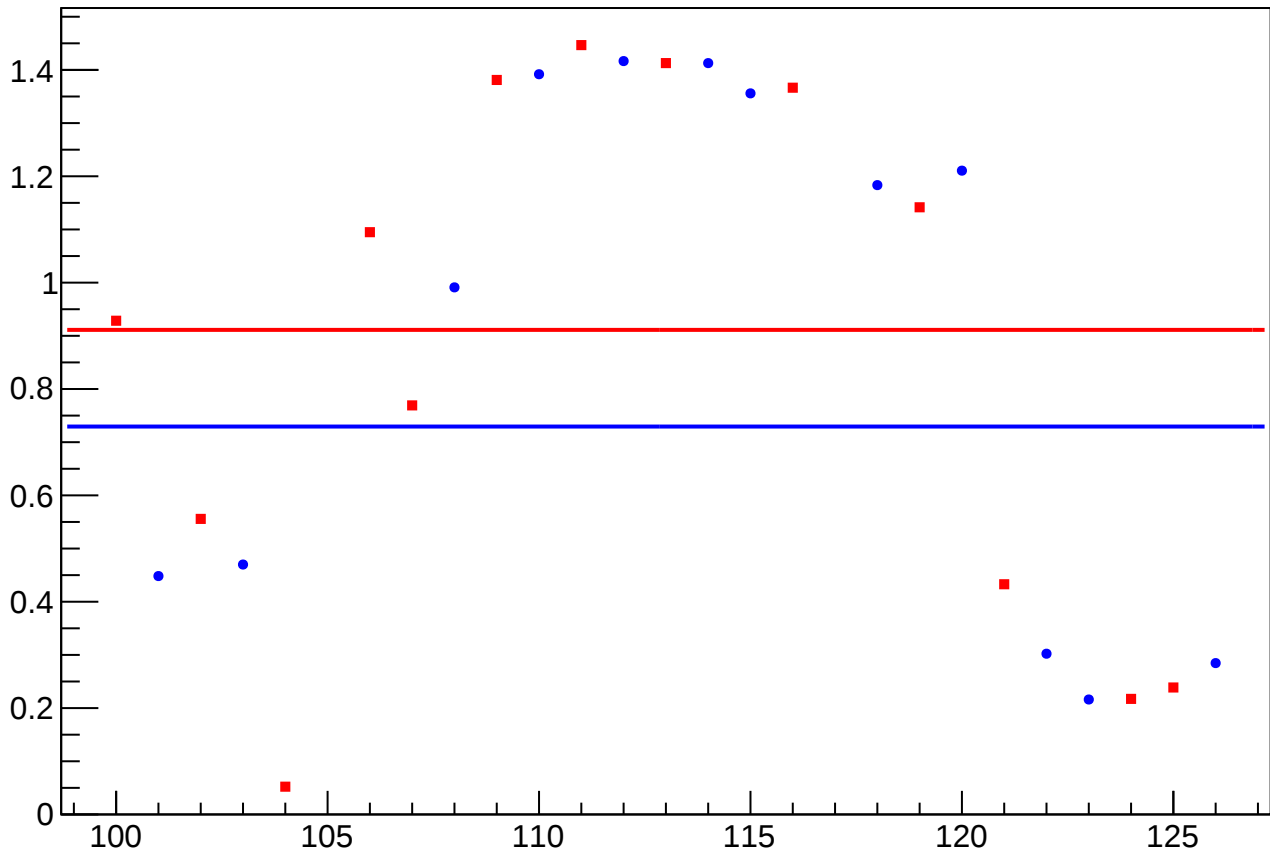
Right: 0.034+/-0.000 χ^2/NDF : 615163.4/24

In: 0.033+/-0.000 χ^2/NDF :336891.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.034+/-0.000 χ^2/NDF : 615163.4/24

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.729+/-0.000 χ^2/NDF : 5005213298.9/11

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

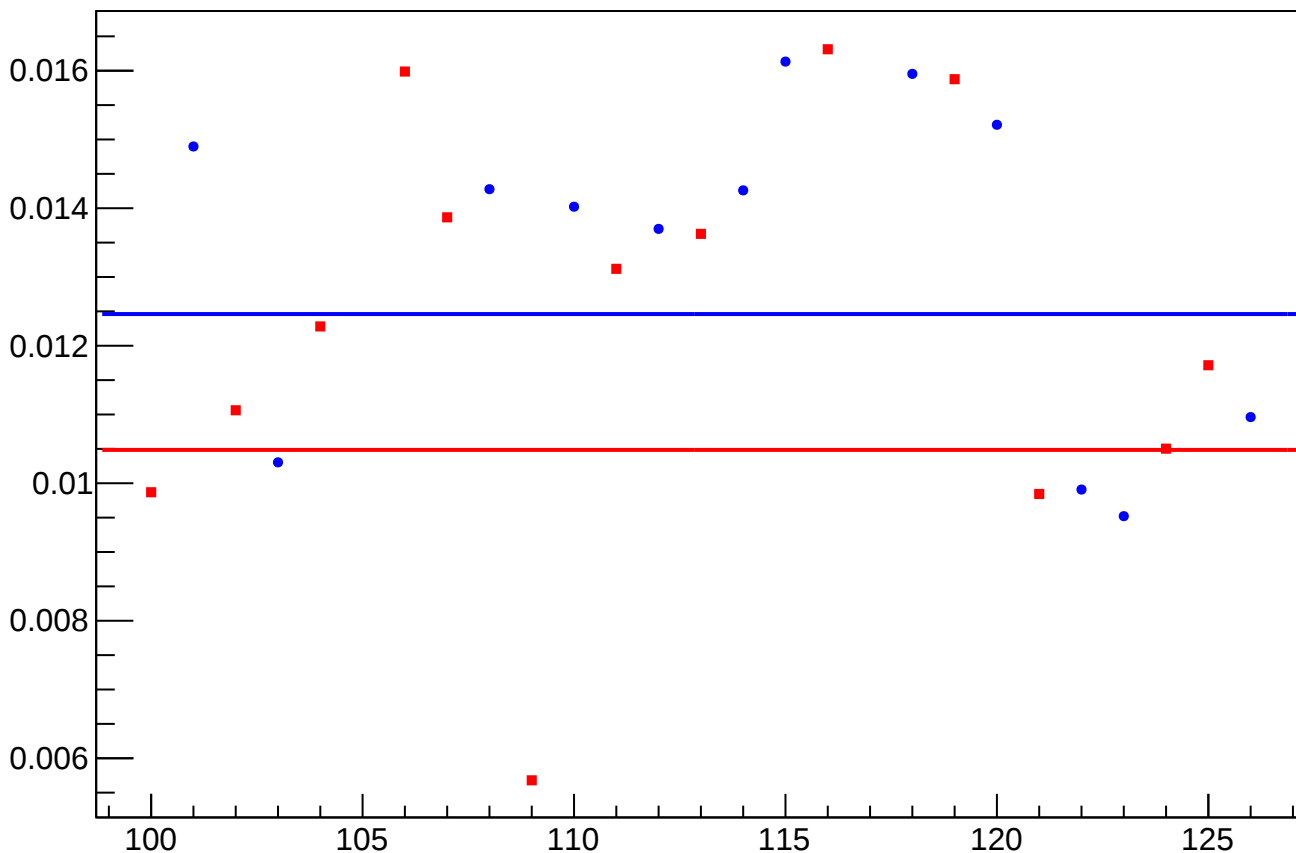
Right: 0.837+/-0.000 χ^2/NDF : 14414702308.6/24

In: 0.729+/-0.000 χ^2/NDF : 5005213298.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.837+/-0.000 χ^2/NDF : 14414702308.6/24

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 250178.1/11

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

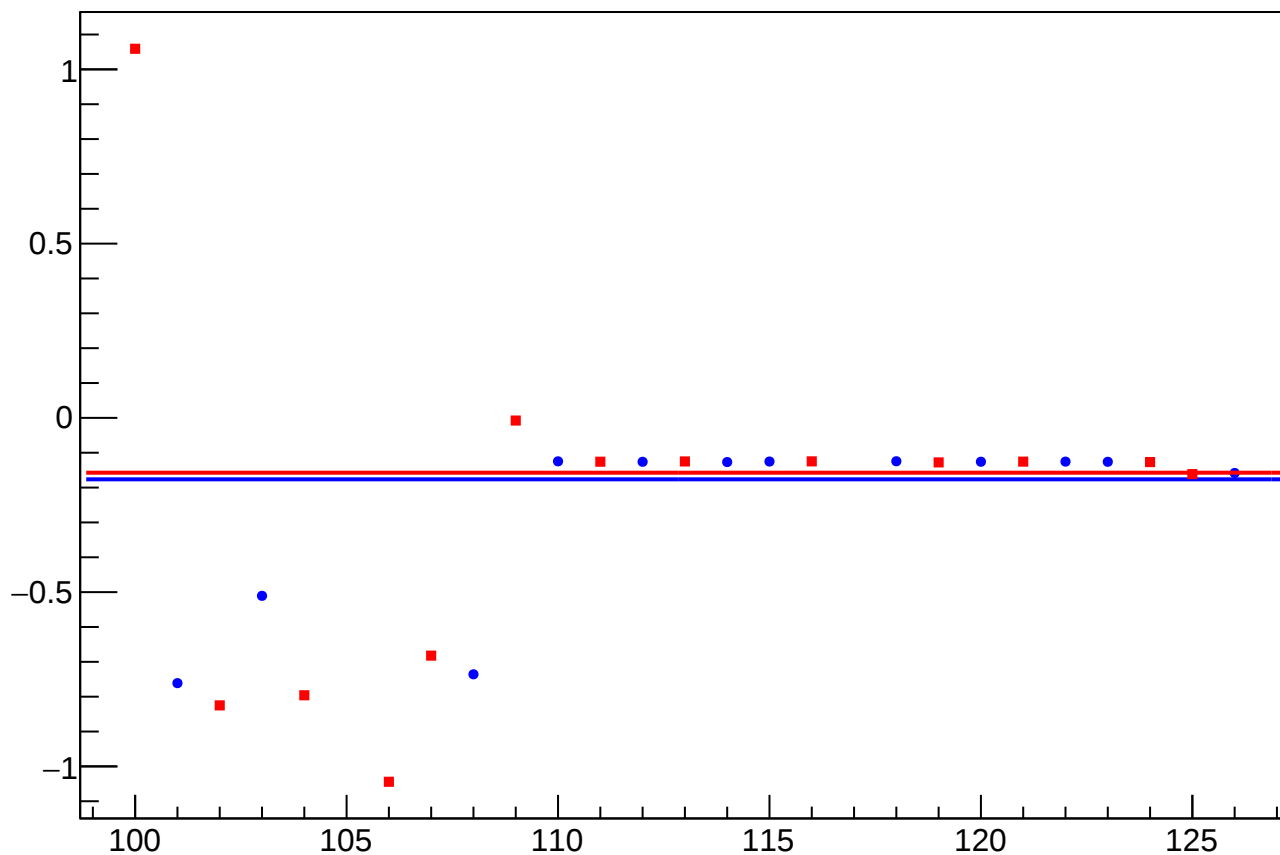
Right: 0.011+/-0.000 χ^2/NDF : 1198748.6/24

In: 0.012+/-0.000 χ^2/NDF :250178.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 1198748.6/24

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.176+/-0.000 χ^2/NDF : 353244662.0/11

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

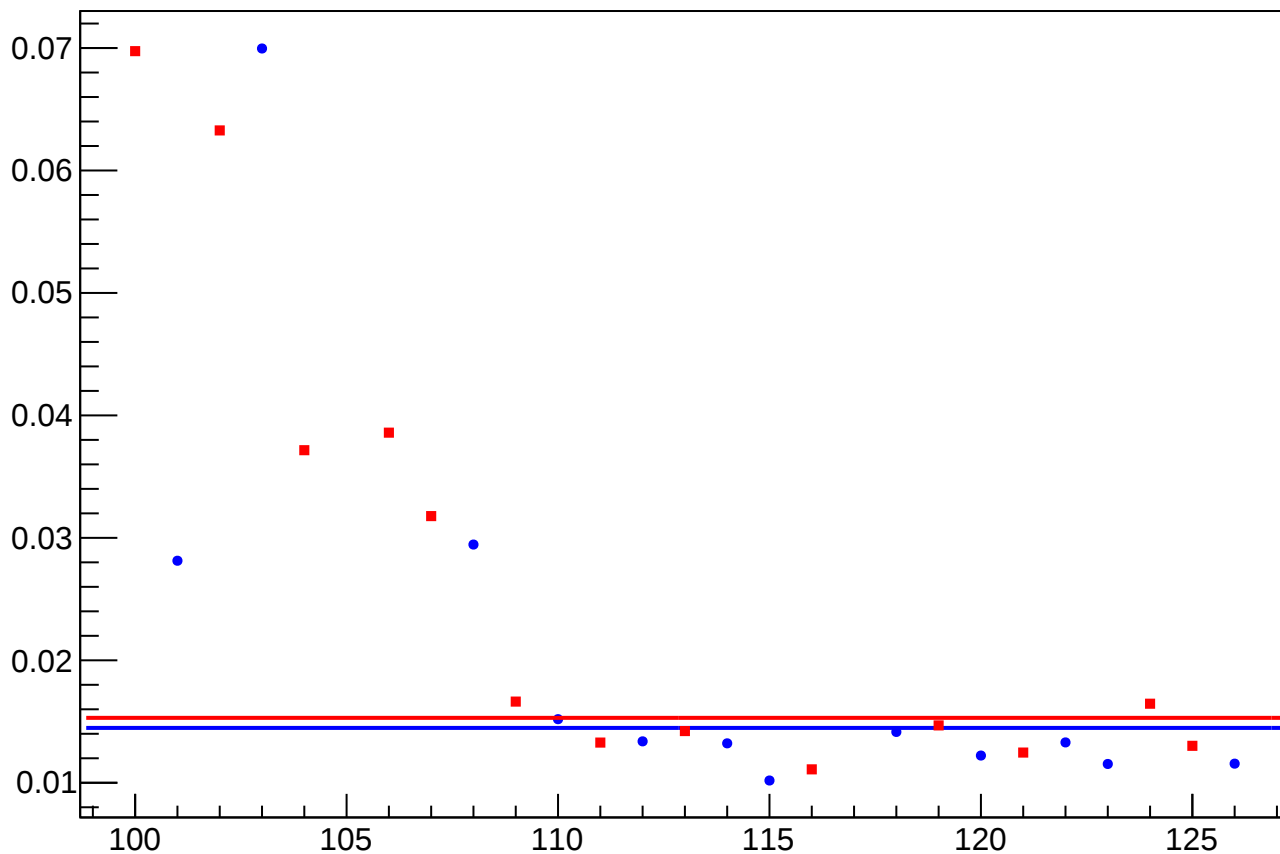
Right: -0.167+/-0.000 χ^2/NDF : 775632410.9/24

In: -0.176+/-0.000 χ^2/NDF :353244662.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.167+/-0.000 χ^2/NDF : 775632410.9/24

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1166639.8/11

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

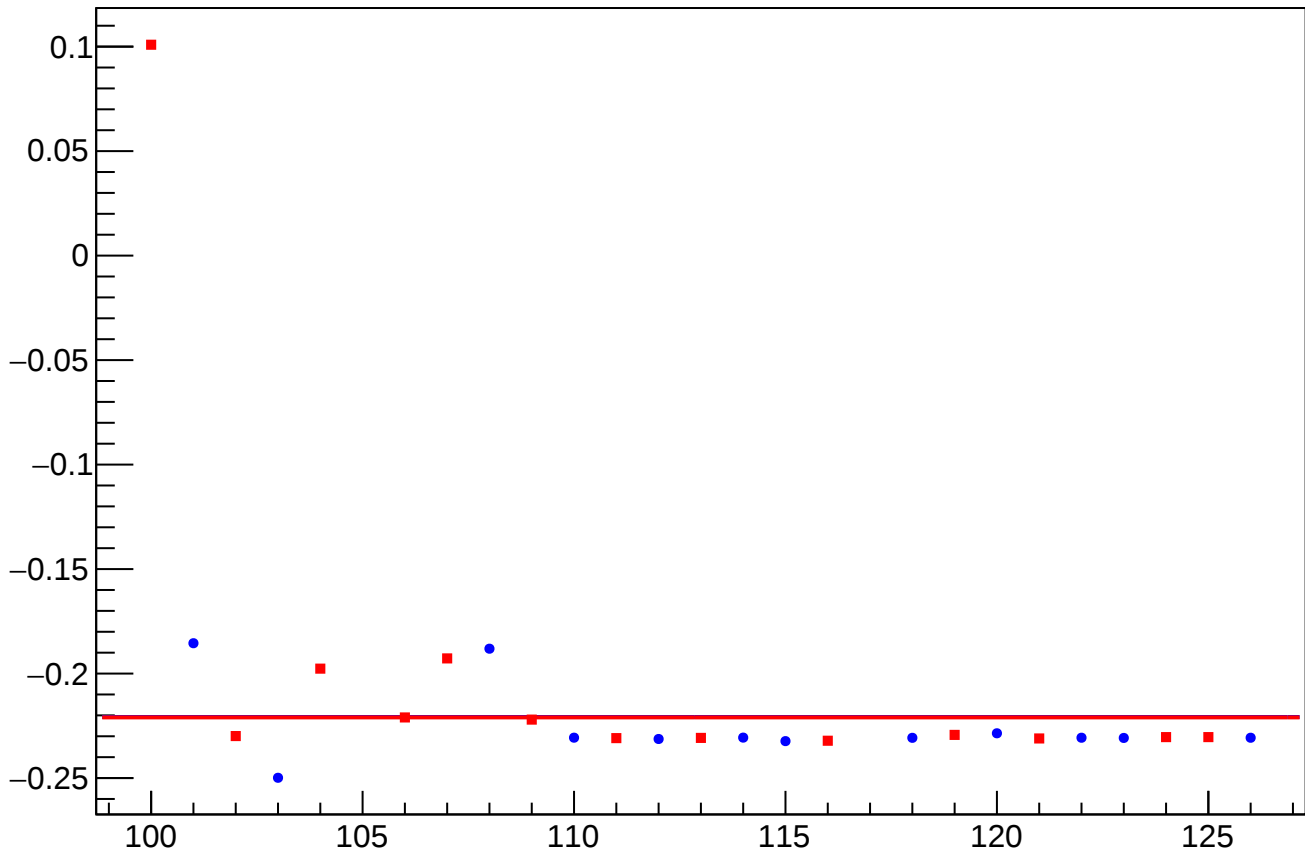
Right: 0.015+/-0.000 χ^2/NDF : 2508732.0/24

In: 0.014+/-0.000 χ^2/NDF : 1166639.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 2508732.0/24

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.221+/-0.000 χ^2/NDF : 69937108.5/11

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

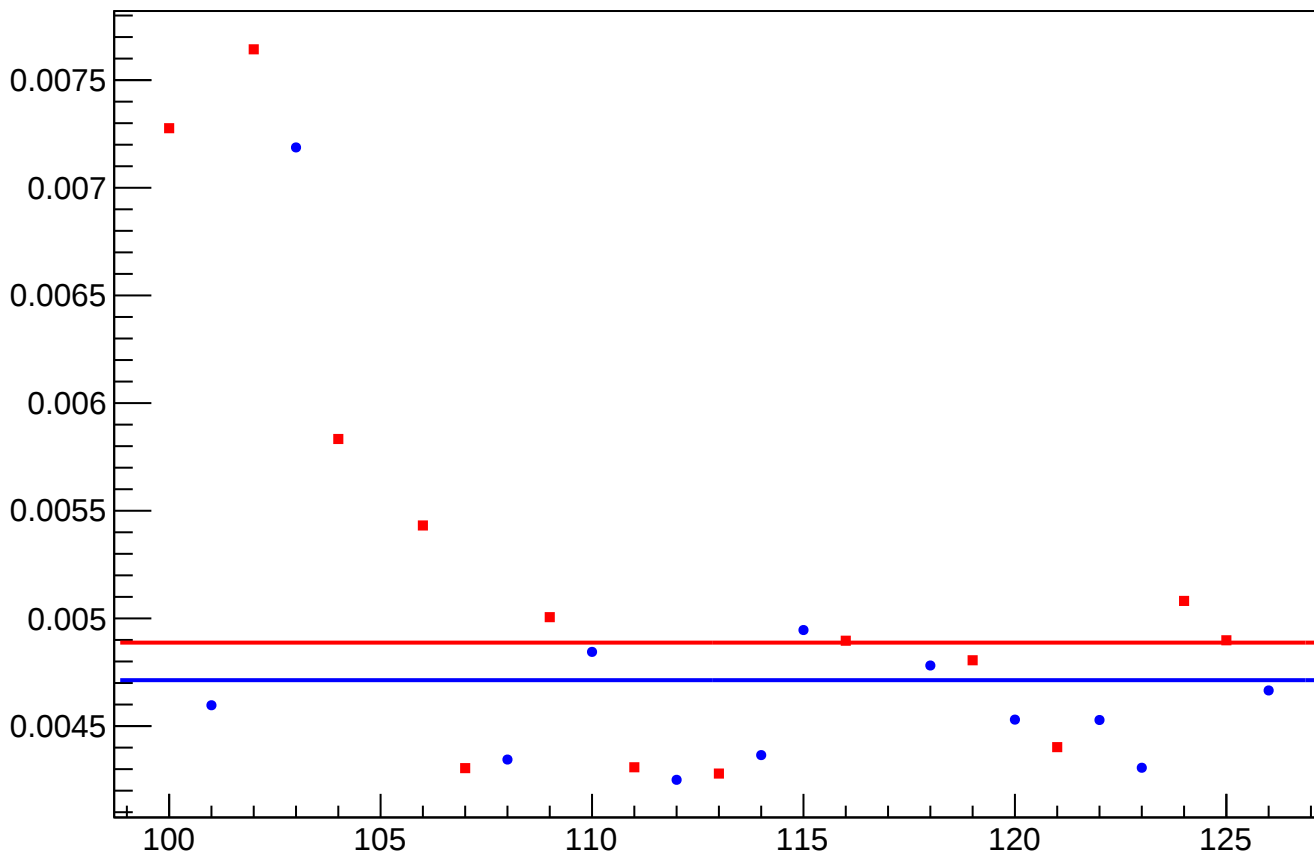
Right: -0.221+/-0.000 χ^2/NDF : 234100513.6/24

In: -0.221+/-0.000 χ^2/NDF :69937108.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.221+/-0.000 χ^2/NDF : 234100513.6/24

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 146026.9/11

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

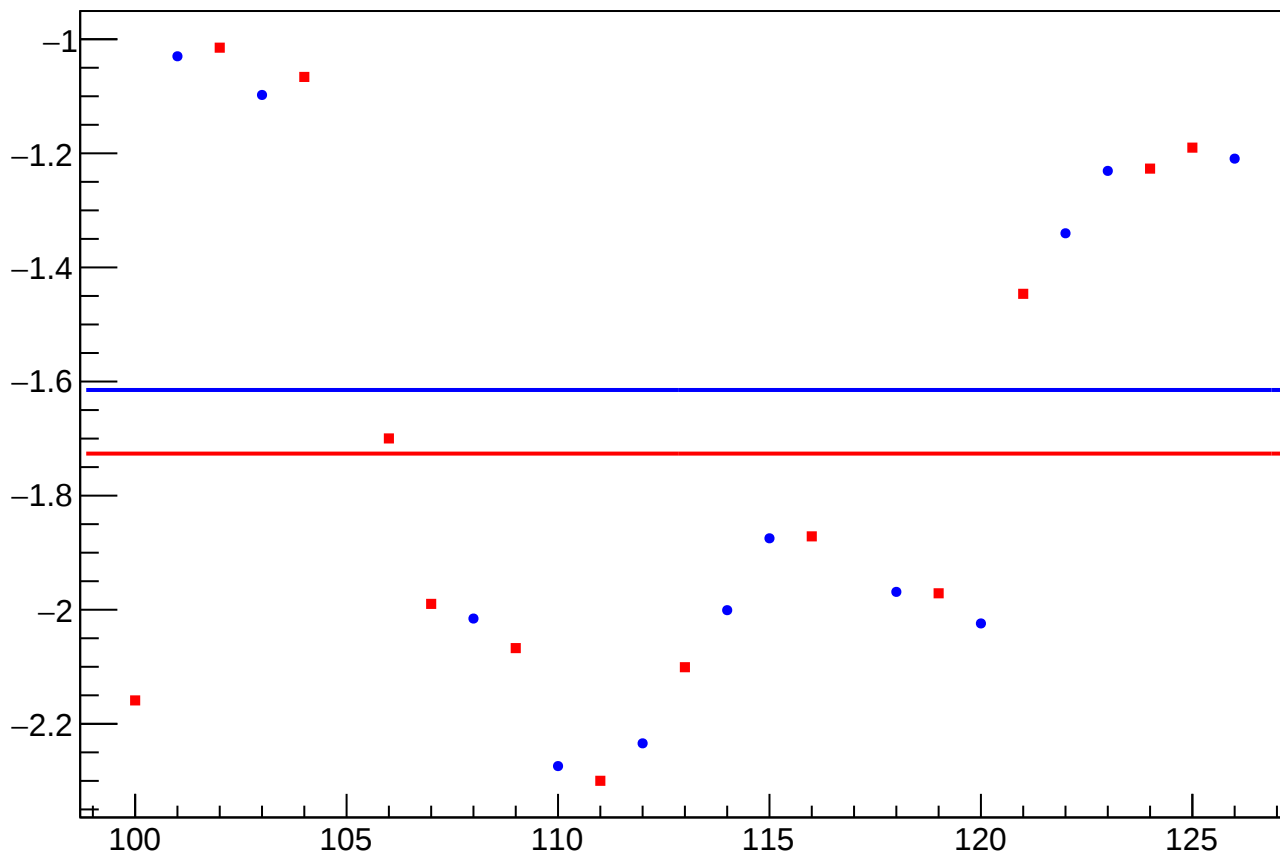
Right: 0.005+/-0.000 χ^2/NDF : 377635.6/24

In: 0.005+/-0.000 χ^2/NDF :146026.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 377635.6/24

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.615+/-0.000 χ^2/NDF : 18900645825.1/11

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

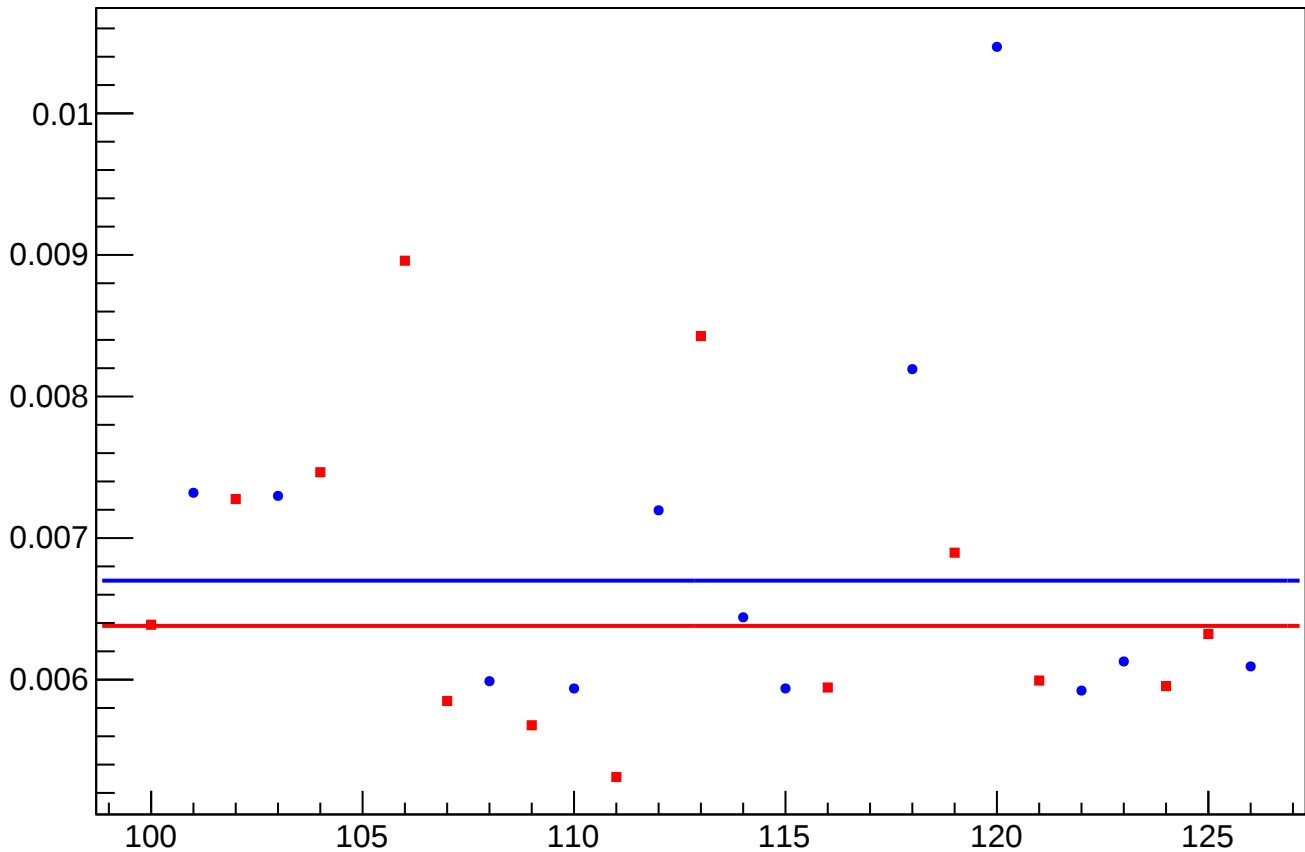
Right: -1.678+/-0.000 χ^2/NDF : 41569786985.5/24

In: -1.615+/-0.000 χ^2/NDF : 18900645825.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.678+/-0.000 χ^2/NDF : 41569786985.5/24

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 148962.2/11

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

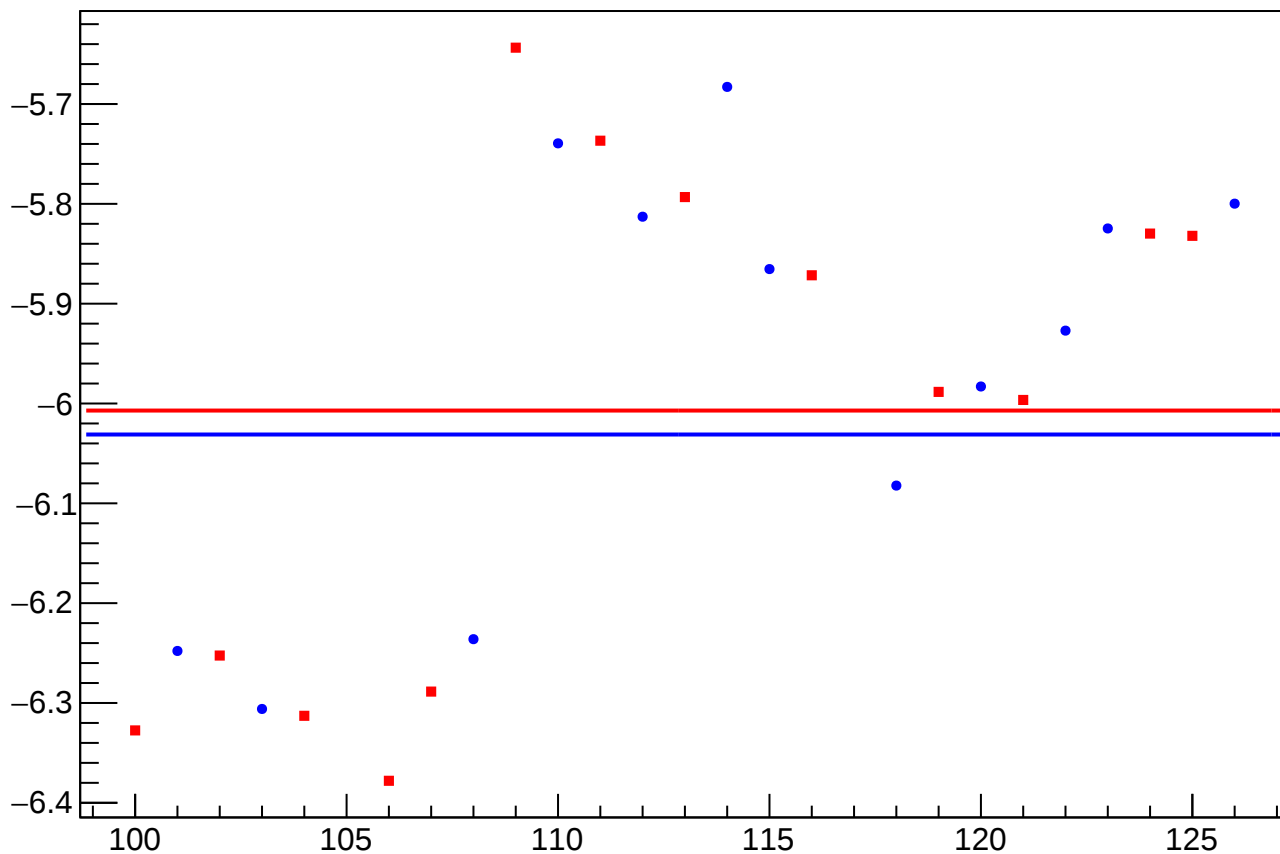
Right: 0.007+/-0.000 χ^2/NDF : 341200.0/24

In: 0.007+/-0.000 χ^2/NDF : 148962.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 341200.0/24

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -6.031+/-0.000 χ^2/NDF : 5892695841.2/11

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

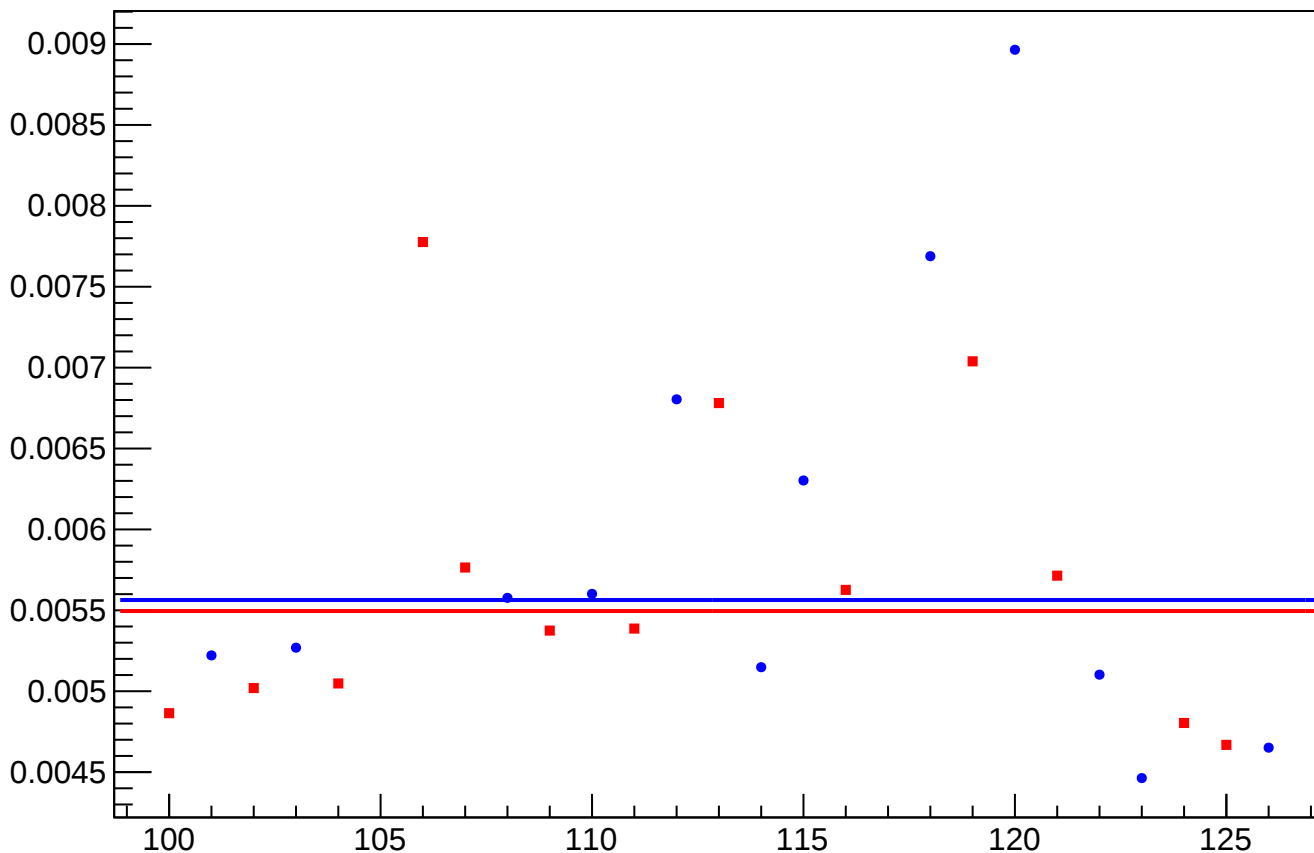
Right: -6.018+/-0.000 χ^2/NDF : 14805835068.1/24

In: -6.031+/-0.000 χ^2/NDF :5892695841.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.018+/-0.000 χ^2/NDF : 14805835068.1/24

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 210098.5/11

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

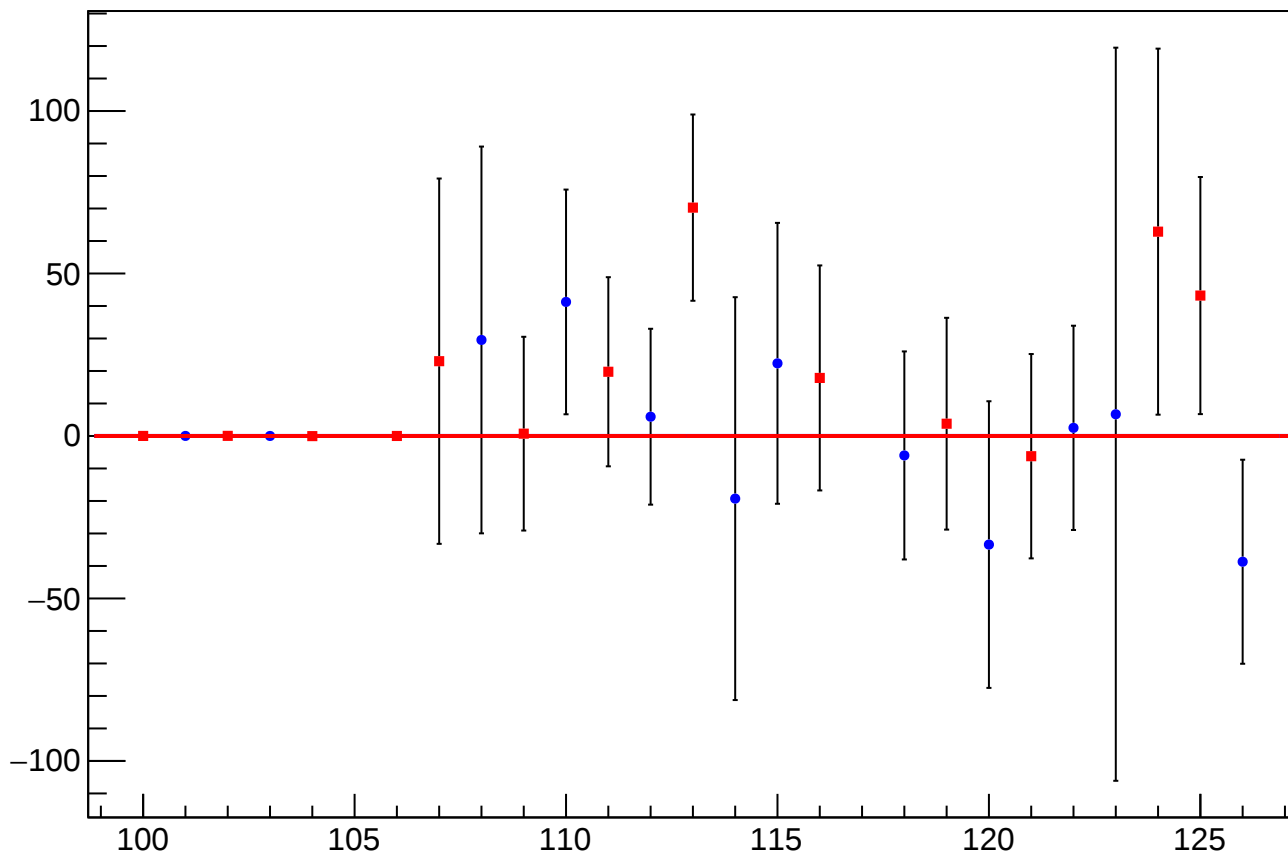
Right: 0.006+/-0.000 χ^2/NDF : 369279.3/24

In: 0.006+/-0.000 χ^2/NDF :210098.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 369279.3/24

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.017 χ^2 /NDF: 4.4/11

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

Right Out: -0.003 $\pm$ 0.016 χ^2 /NDF: 14.4/12

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

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

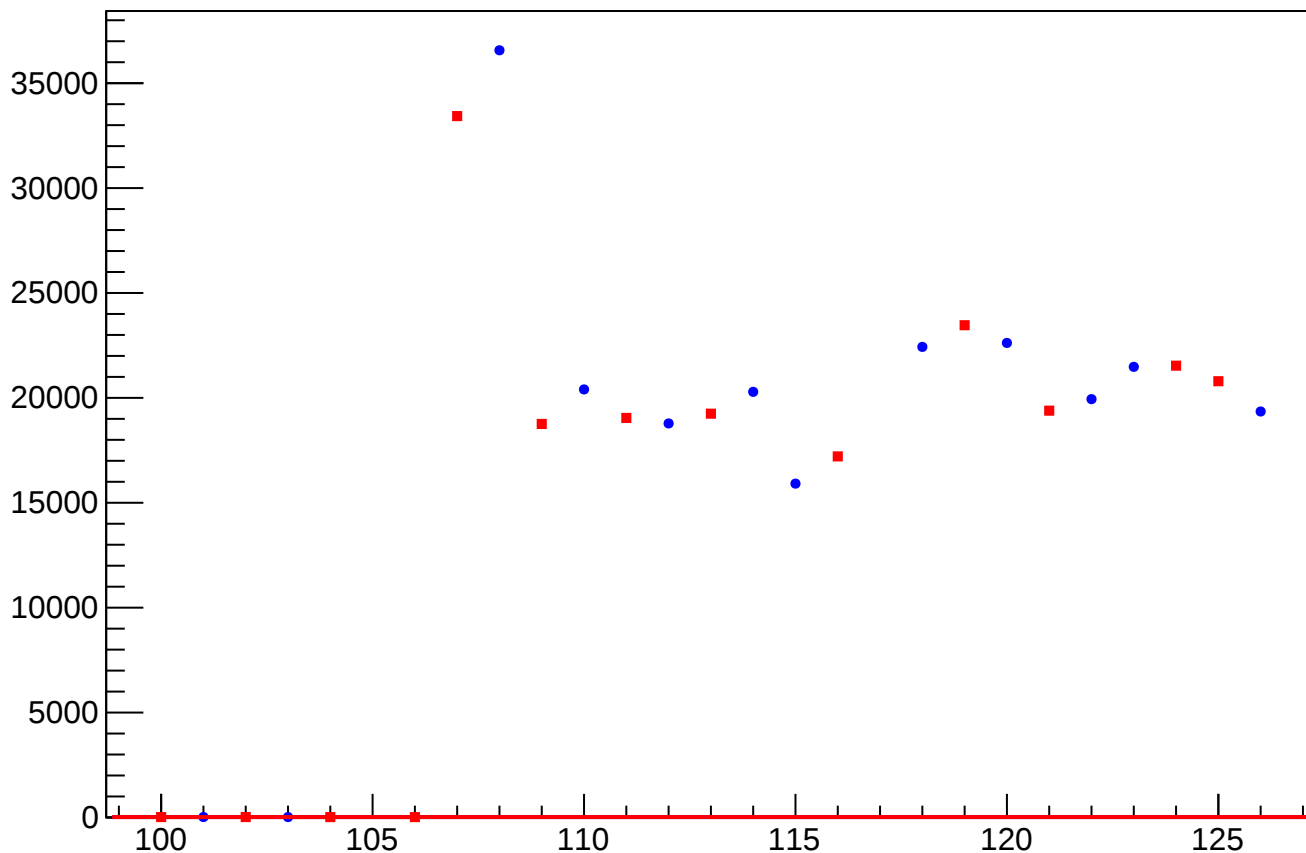
Right: 0.004 $\pm$ 0.012 χ^2 /NDF: 19.3/24

In: 0.013 $\pm$ 0.017 χ^2 /NDF:4.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.012 χ^2 /NDF: 19.3/24

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 18.603+/-0.012 χ^2/NDF : 6047287.1/11

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

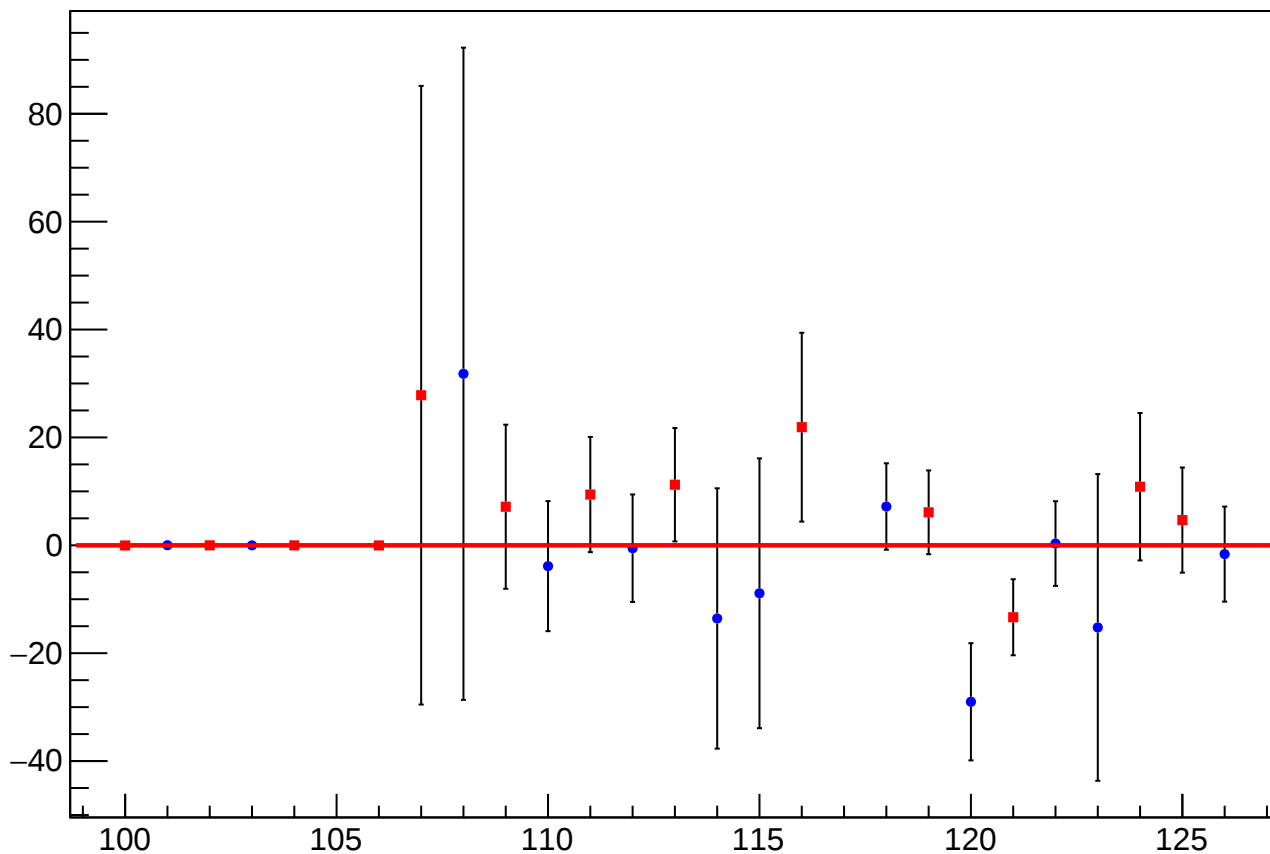
Right: 18.430+/-0.008 χ^2/NDF : 12540851.4/24

In: 18.603+/-0.012 χ^2/NDF : 6047287.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.430+/-0.008 χ^2/NDF : 12540851.4/24

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.009 χ^2/NDF : 10.2/11

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

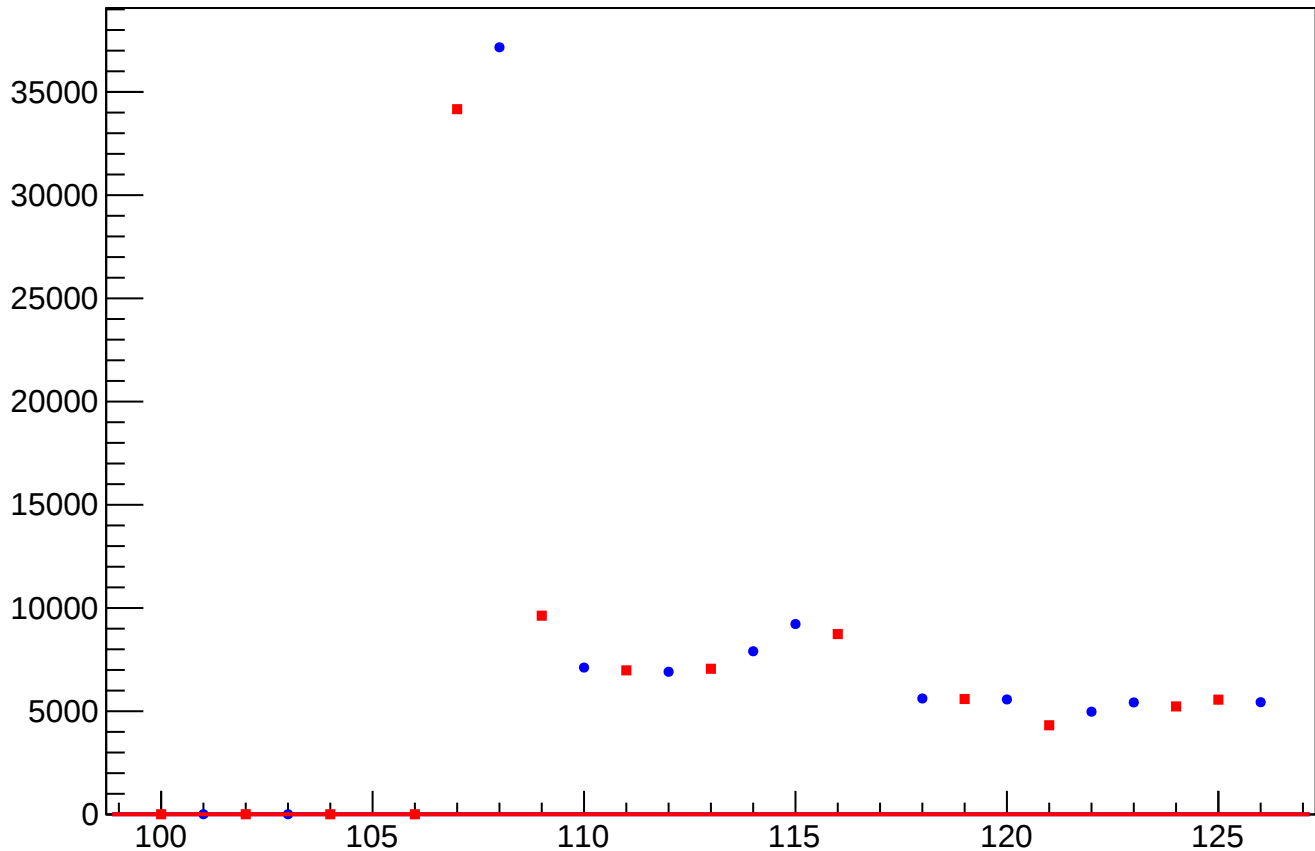
Right: -0.007+/-0.006 χ^2/NDF : 21.3/24

In: 0.001+/-0.009 χ^2/NDF : 10.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.006 χ^2/NDF : 21.3/24

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 9.893+/-0.007 χ^2/NDF : 6044112.3/11

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

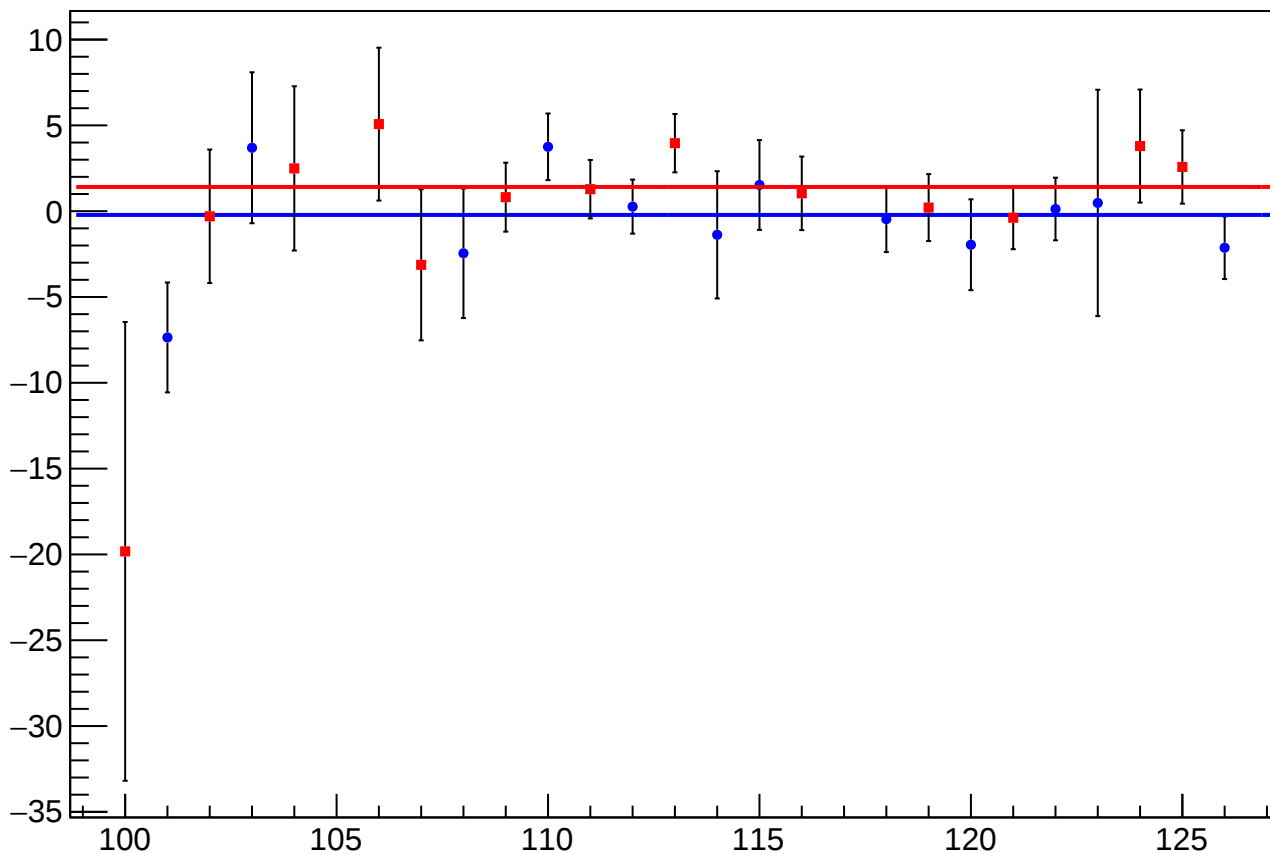
Right: 9.852+/-0.004 χ^2/NDF : 12539177.3/24

In: 9.893+/-0.007 χ^2/NDF : 6044112.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.852+/-0.004 χ^2/NDF : 12539177.3/24

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.218 ± 0.683 χ^2/NDF : 12.5/11

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

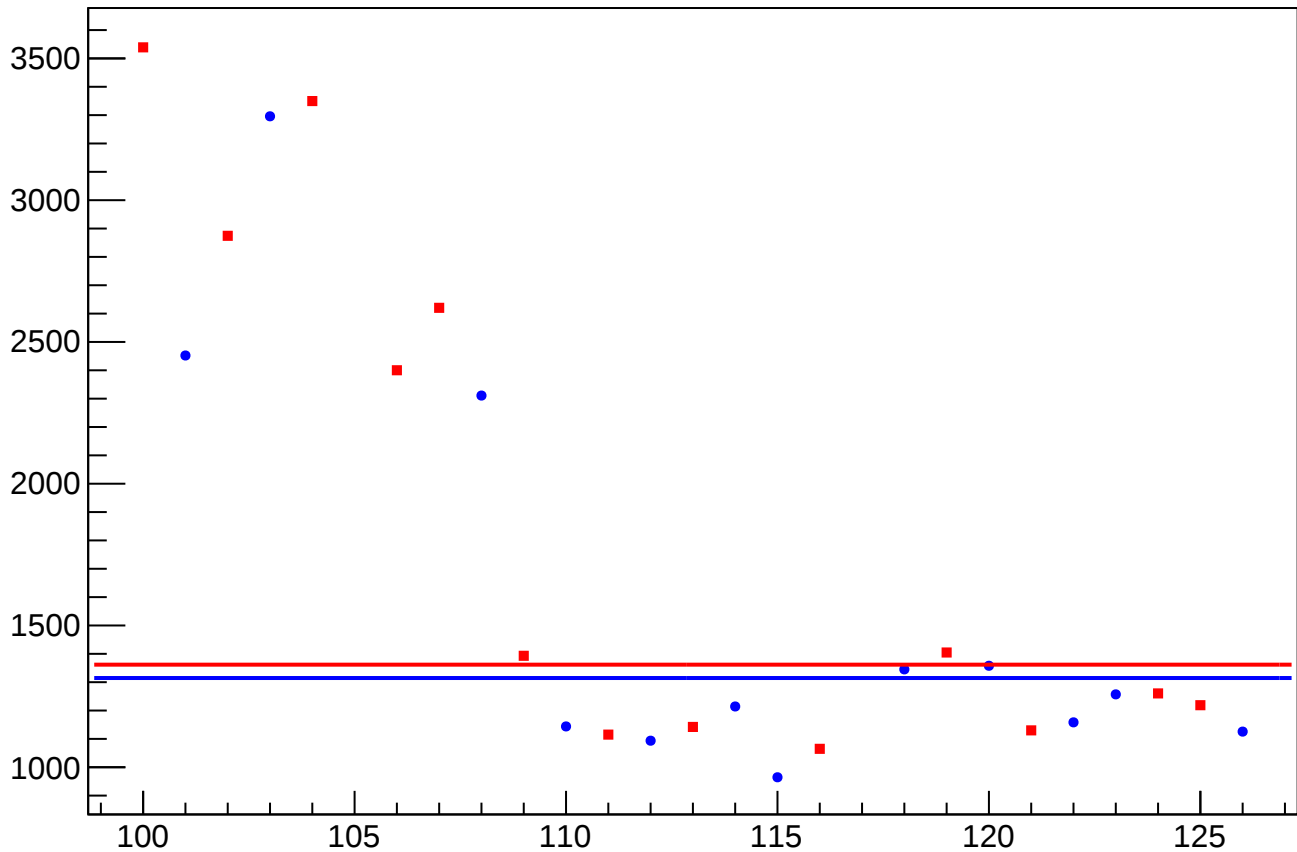
Right: 0.616 ± 0.477 χ^2/NDF : 24.5/24

In: -0.218 ± 0.683 χ^2/NDF : 12.5/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.616 ± 0.477 χ^2/NDF : 24.5/24

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 1314.696+/-0.483 χ^2/NDF : 927086.5/11

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

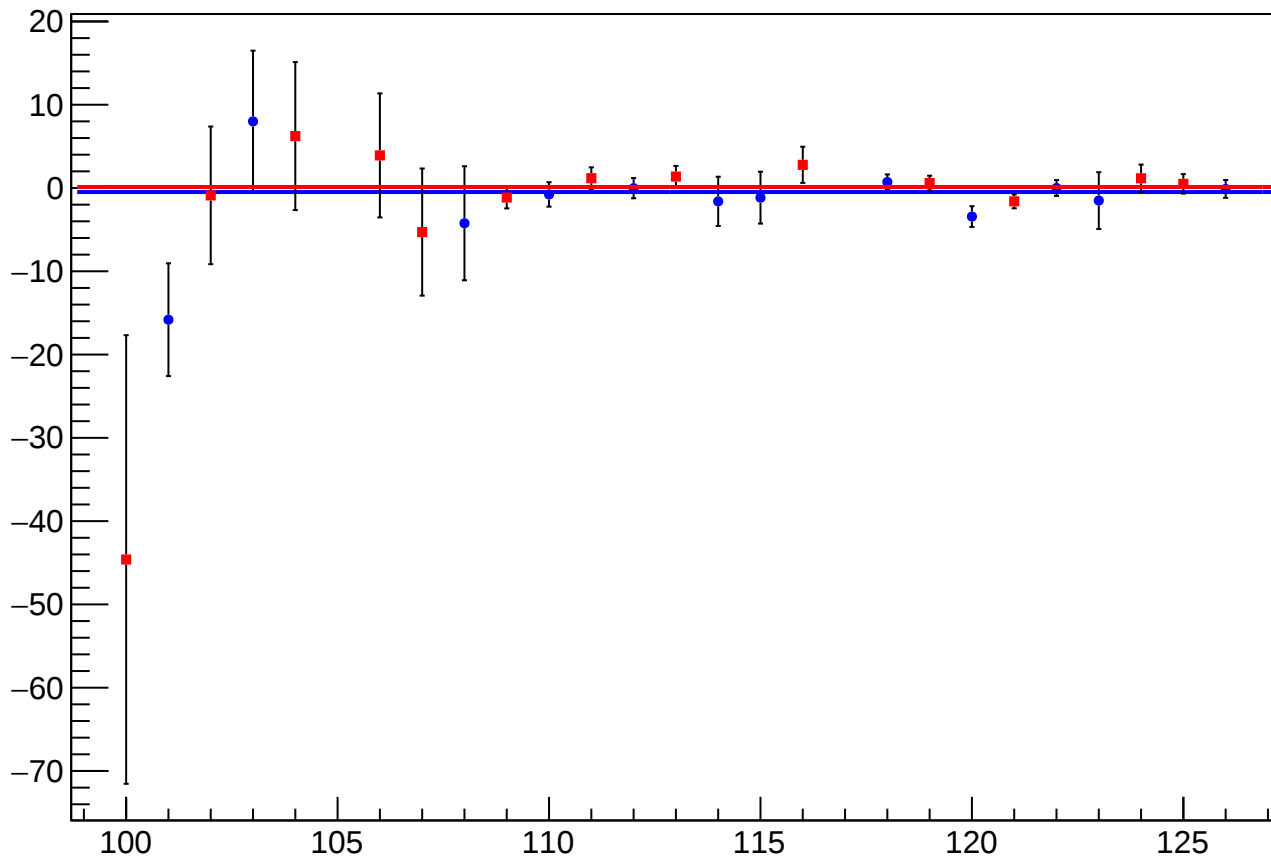
Right: 1338.786+/-0.338 χ^2/NDF : 2062781.1/24

In: 1314.696+/-0.483 χ^2/NDF : 927086.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1338.786+/-0.338 χ^2/NDF : 2062781.1/24

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.485 ± 0.433 χ^2/NDF : 14.6/11

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

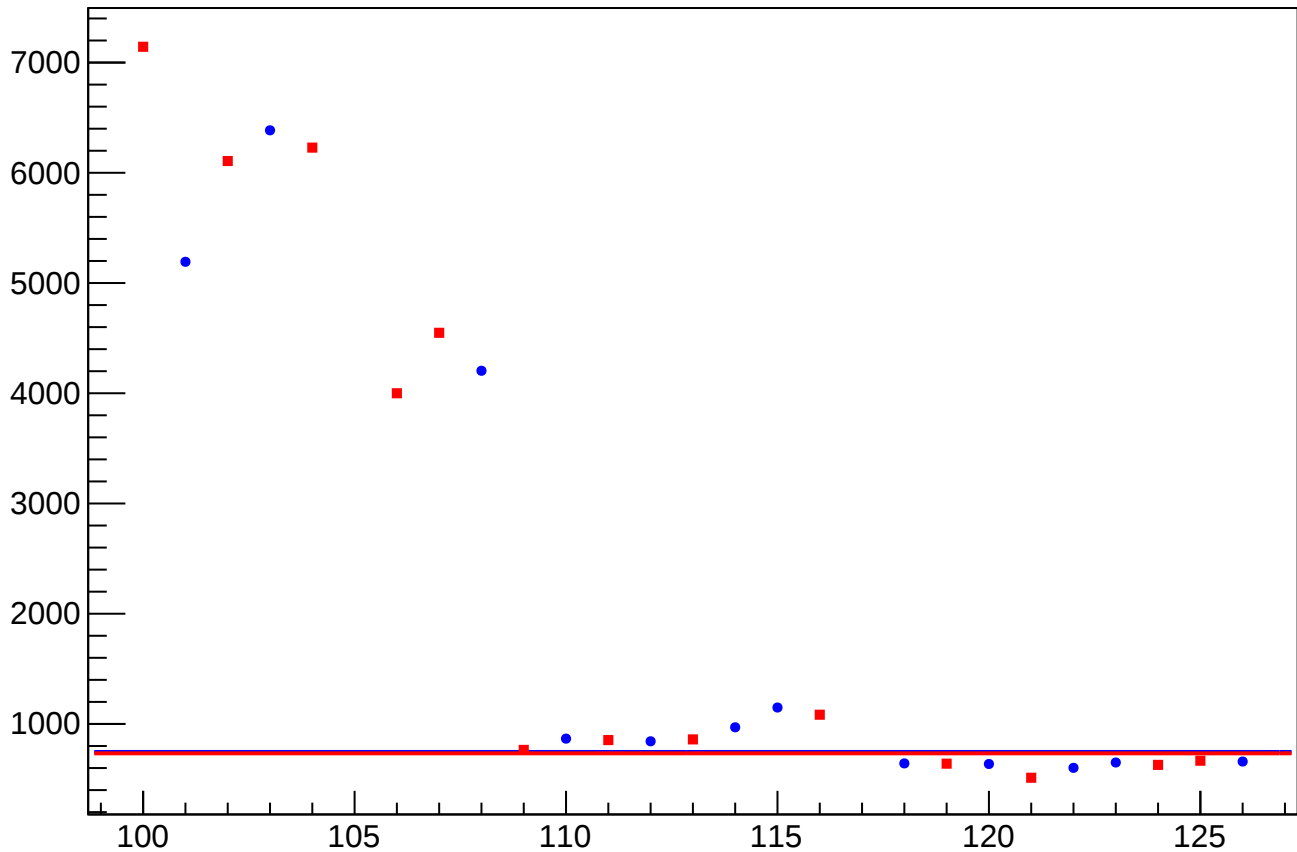
Right: -0.168 ± 0.299 χ^2/NDF : 28.7/24

In: -0.485 ± 0.433 χ^2/NDF : 14.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.168 ± 0.299 χ^2/NDF : 28.7/24

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 745.752+/-0.306 χ^2/NDF : 2426963.1/11

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

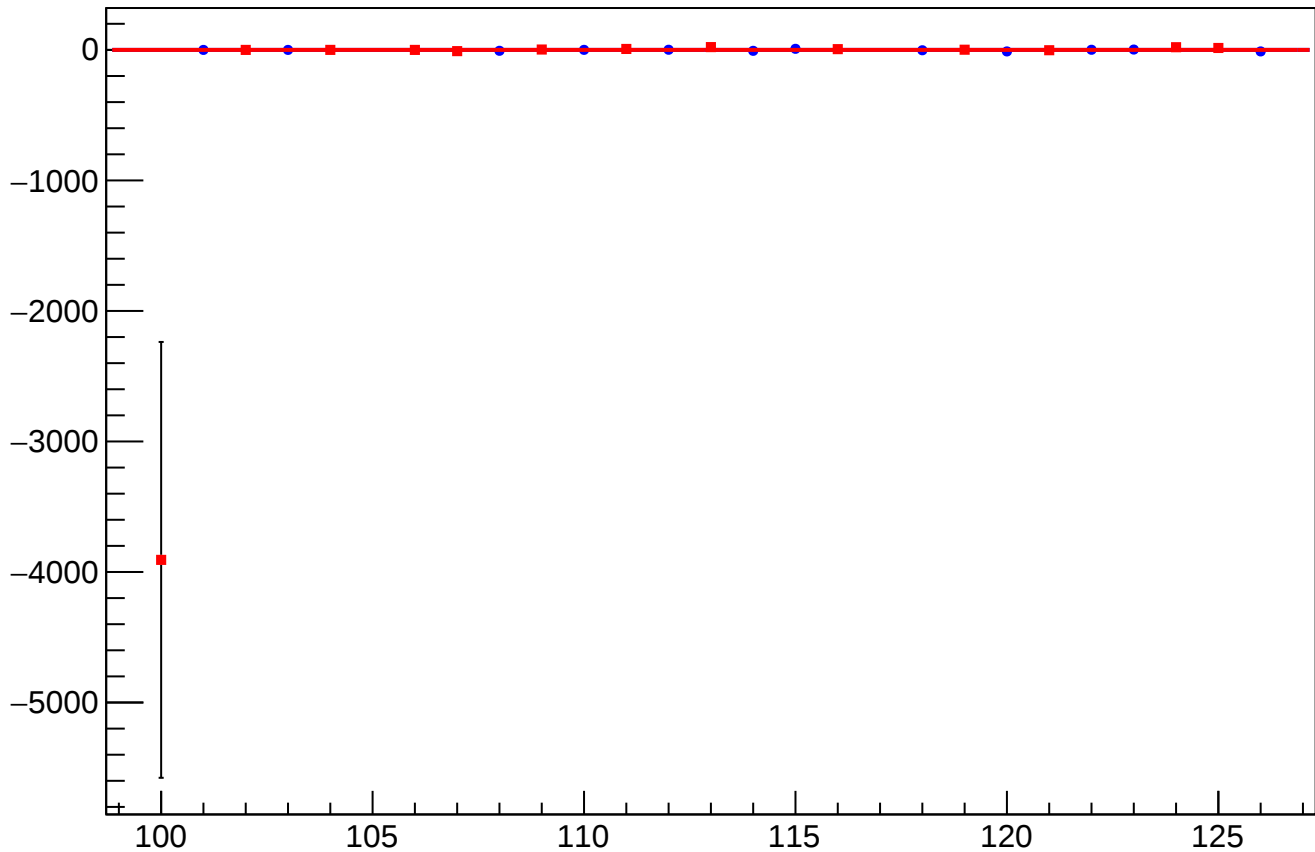
Right: 739.322+/-0.211 χ^2/NDF : 5302231.6/24

In: 745.752+/-0.306 χ^2/NDF : 2426963.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 739.322+/-0.211 χ^2/NDF : 5302231.6/24

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.021 χ^2/NDF : 3.4/11

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

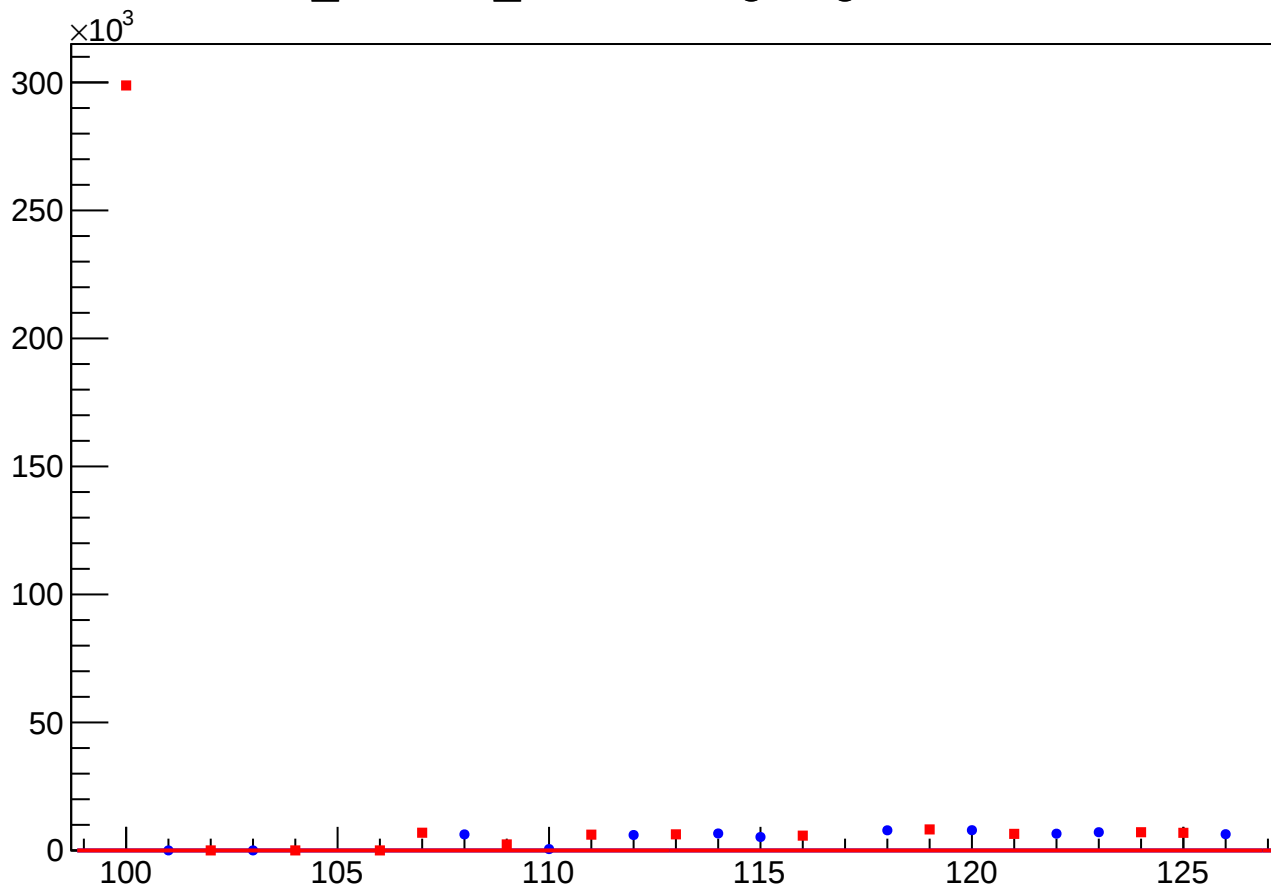
Right: 0.004+/-0.014 χ^2/NDF : 22.4/24

In: -0.021+/-0.021 χ^2/NDF : 3.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.014 χ^2/NDF : 22.4/24

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 17.175+/-0.015 χ^2/NDF : 5568566.6/11

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

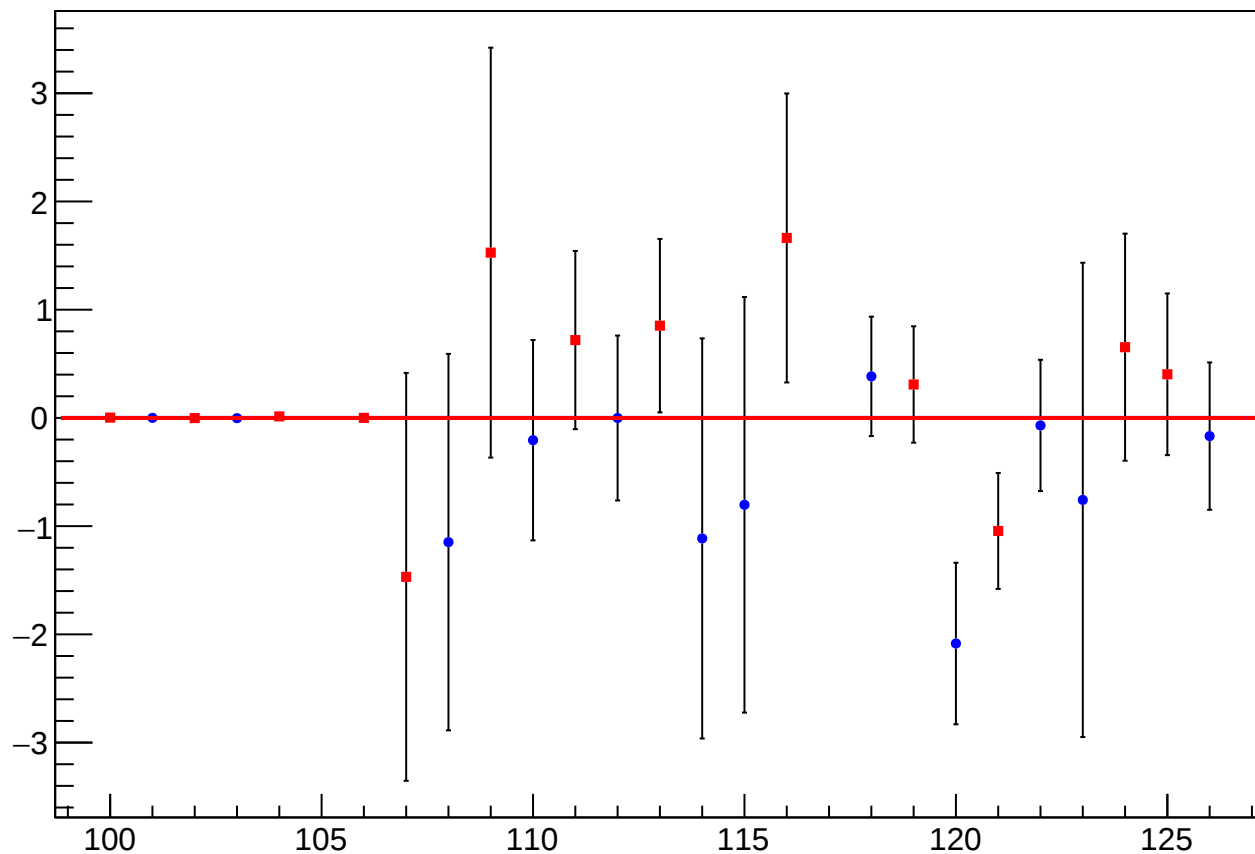
Right: 17.155+/-0.010 χ^2/NDF : 11783223.3/24

In: 17.175+/-0.015 χ^2/NDF : 5568566.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.155+/-0.010 χ^2/NDF : 11783223.3/24

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.002 χ^2/NDF : 9.7/11

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

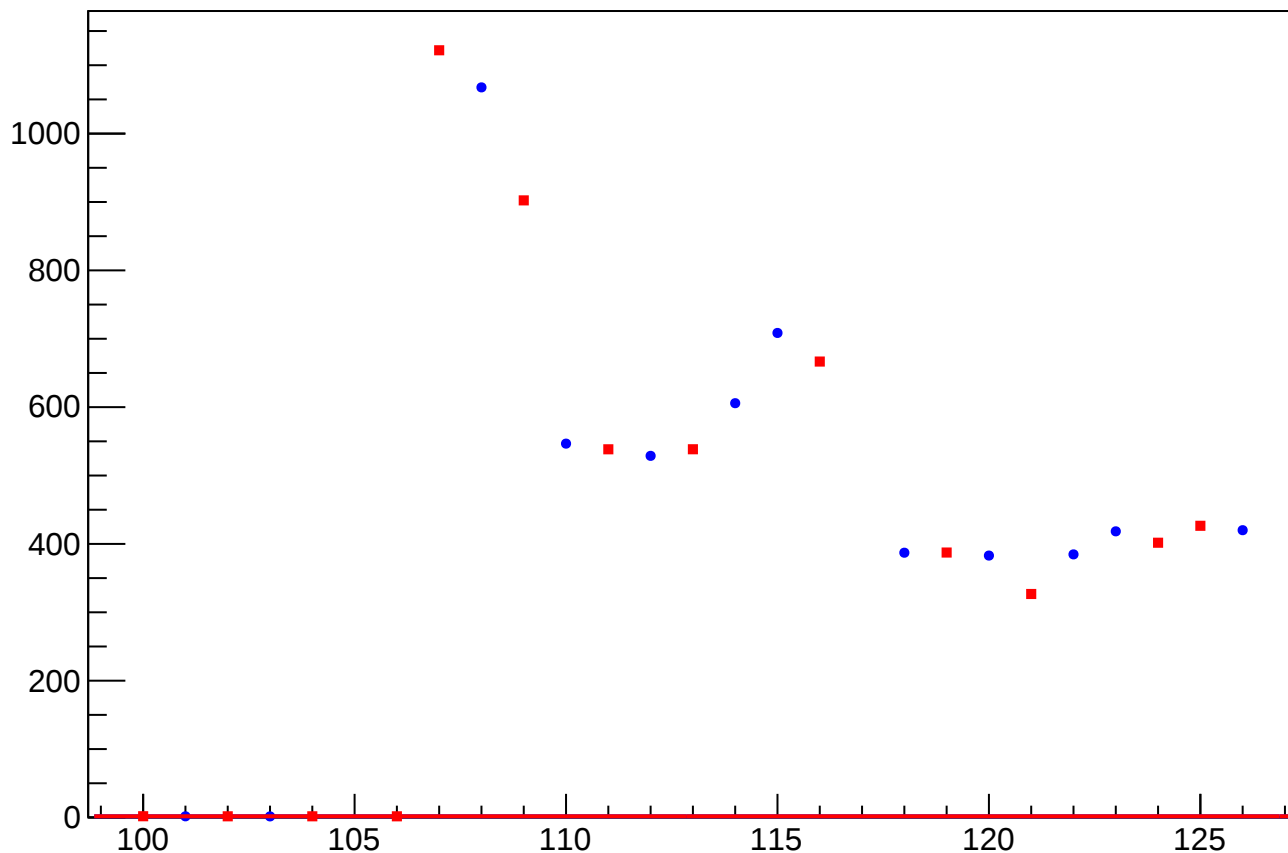
Right: -0.000+/-0.001 χ^2/NDF : 20.3/24

In: 0.000+/-0.002 χ^2/NDF : 9.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.001 χ^2/NDF : 20.3/24

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 1.670+/-0.001 χ^2/NDF : 6011082.7/11

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

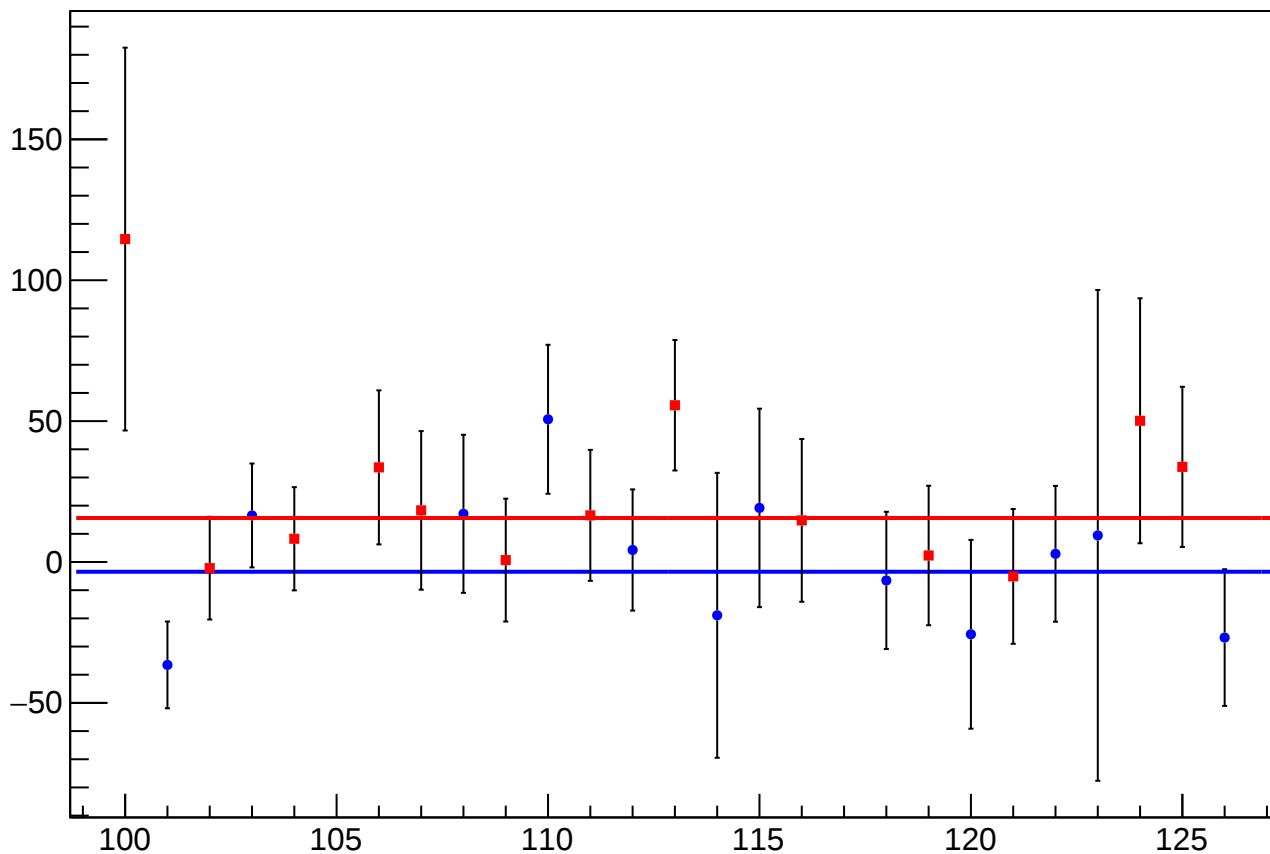
Right: 1.687+/-0.001 χ^2/NDF : 12116875.4/24

In: 1.670+/-0.001 χ^2/NDF :6011082.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.687+/-0.001 χ^2/NDF : 12116875.4/24

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -3.459+/-7.188 χ^2/NDF : 12.6/11

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

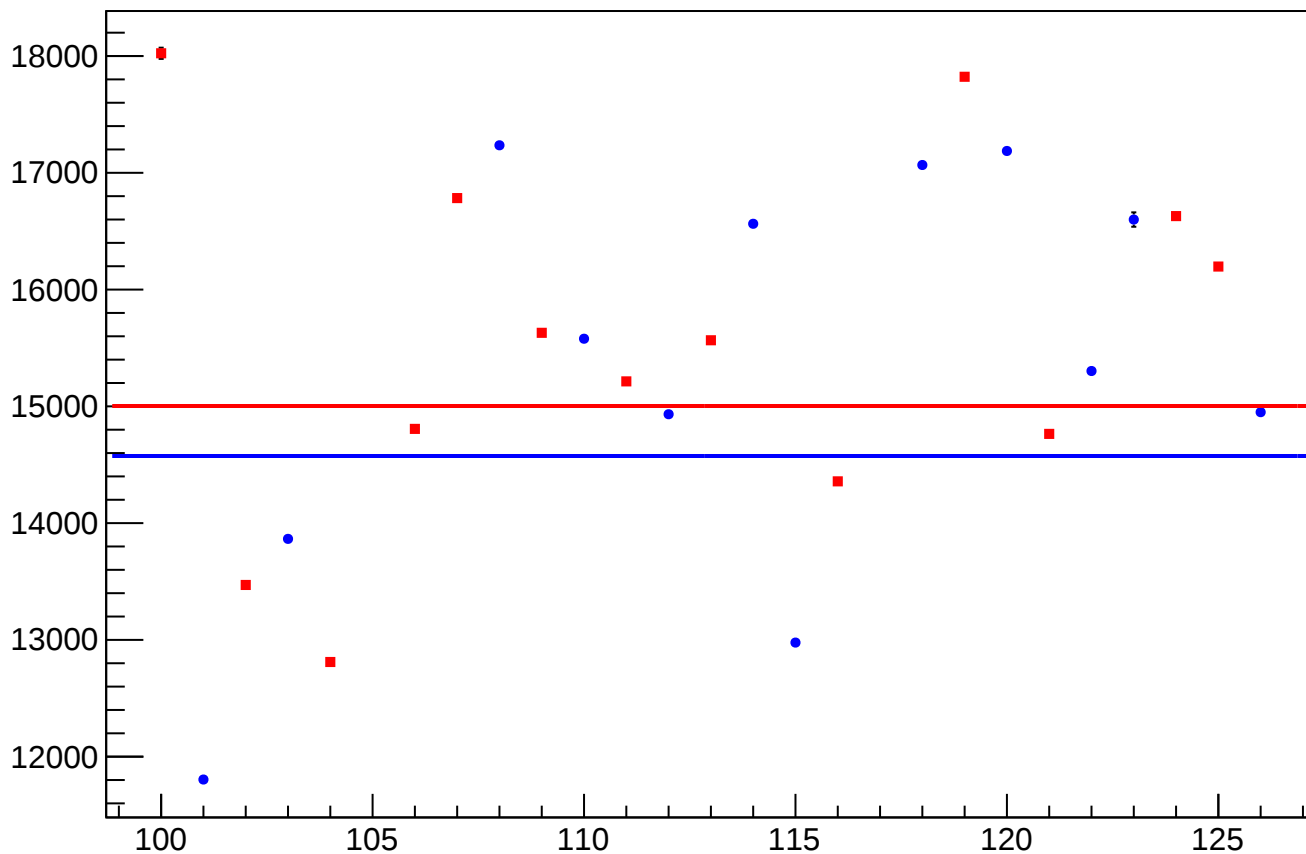
Right: 6.464+/-4.979 χ^2/NDF : 25.5/24

In: -3.459+/-7.188 χ^2/NDF : 12.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.464+/-4.979 χ^2/NDF : 25.5/24

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 14574.872+/-5.083 χ^2/NDF : 132828.8/11

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

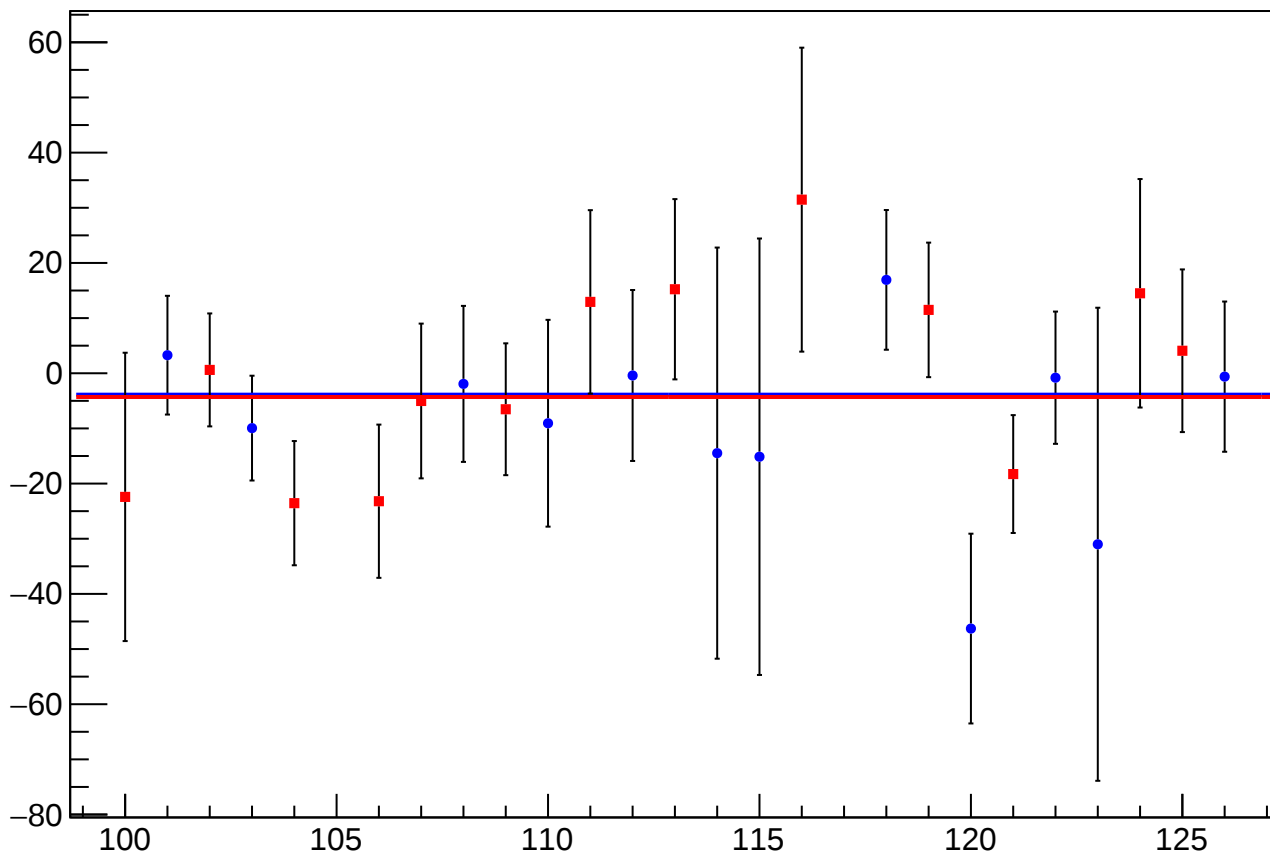
Right: 14797.558+/-3.521 χ^2/NDF : 227867.6/24

In: 14574.872+/-5.083 χ^2/NDF : 132828.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14797.558+/-3.521 χ^2/NDF : 227867.6/24

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -3.882+/-4.242 χ^2/NDF : 10.5/11

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

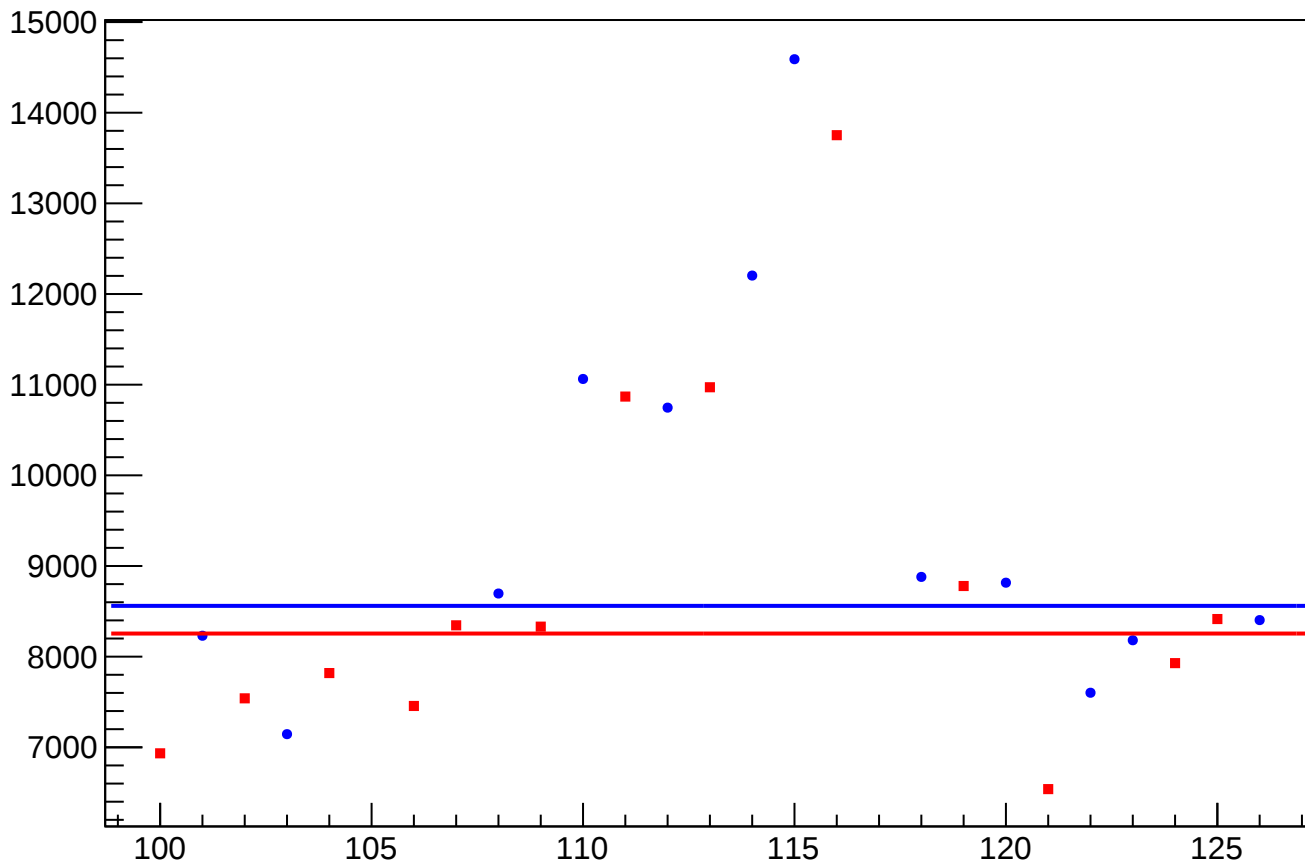
Right: -4.111+/-2.853 χ^2/NDF : 24.7/24

In: -3.882+/-4.242 χ^2/NDF : 10.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.111+/-2.853 χ^2/NDF : 24.7/24

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8560.181+/-2.999 χ^2/NDF : 202385.3/11

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

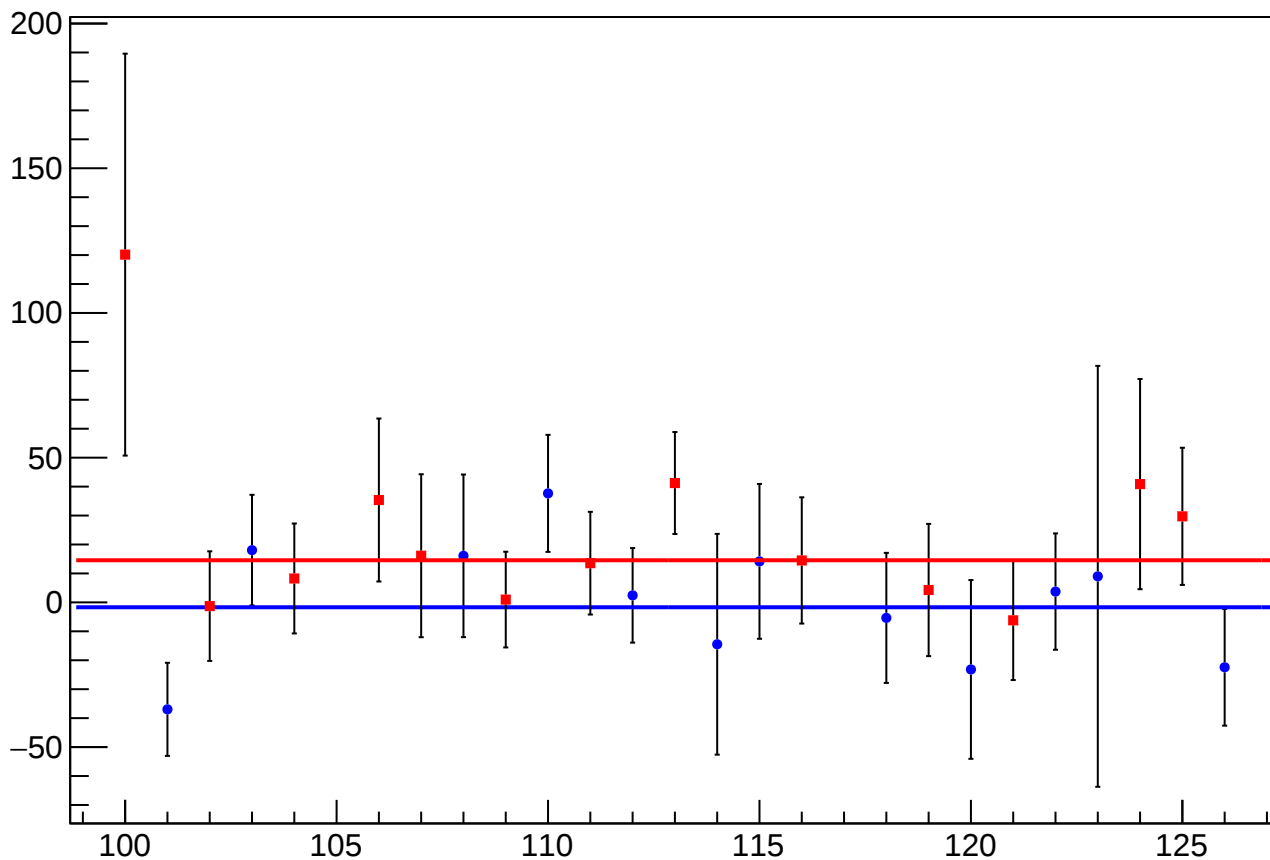
Right: 8393.054+/-2.018 χ^2/NDF : 472994.9/24

In: 8560.181+/-2.999 χ^2/NDF : 202385.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8393.054+/-2.018 χ^2/NDF : 472994.9/24

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: -1.688+/-6.416 χ^2/NDF : 12.3/11

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

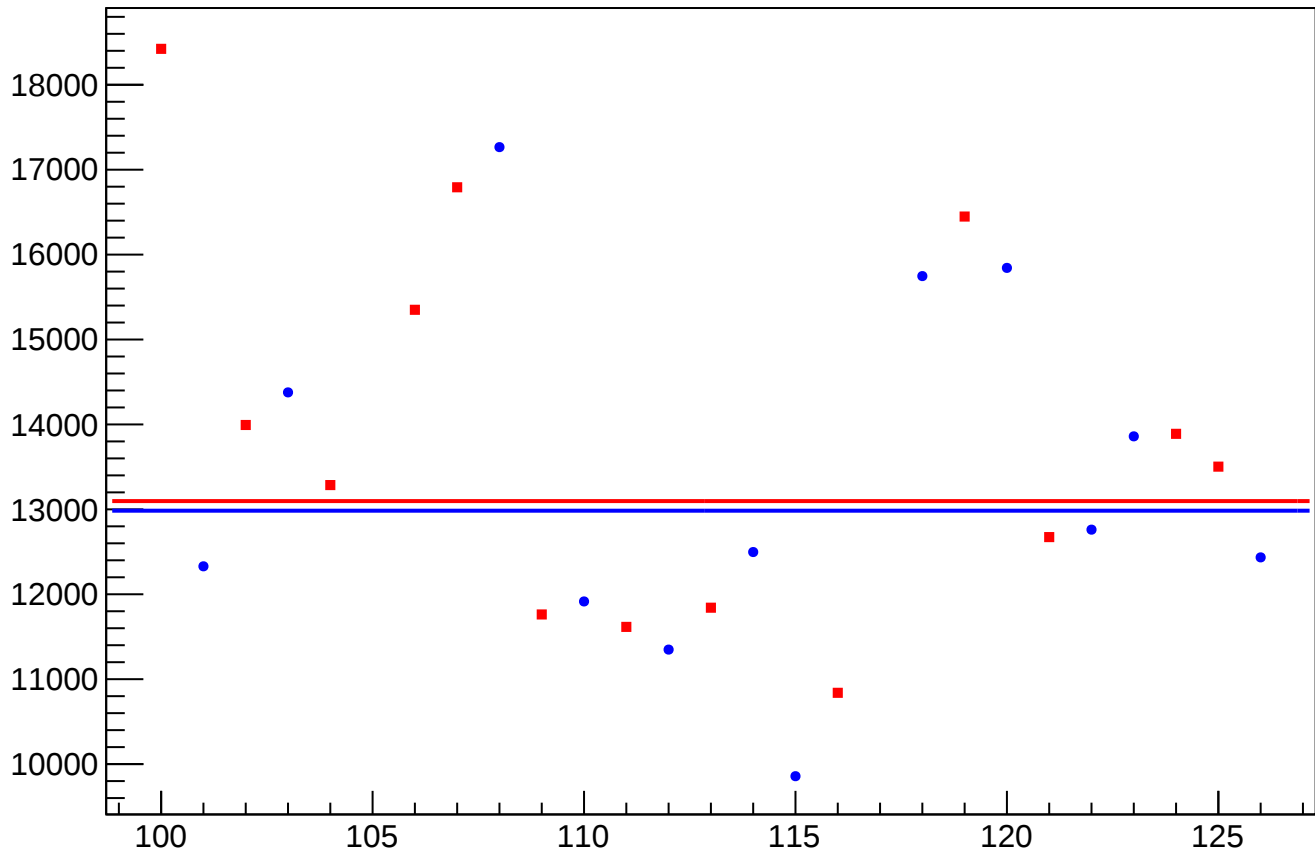
Right: 6.897+/-4.404 χ^2/NDF : 24.4/24

In: -1.688+/-6.416 χ^2/NDF : 12.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.897+/-4.404 χ^2/NDF : 24.4/24

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 12984.167+/-4.537 χ^2/NDF : 163071.2/11

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

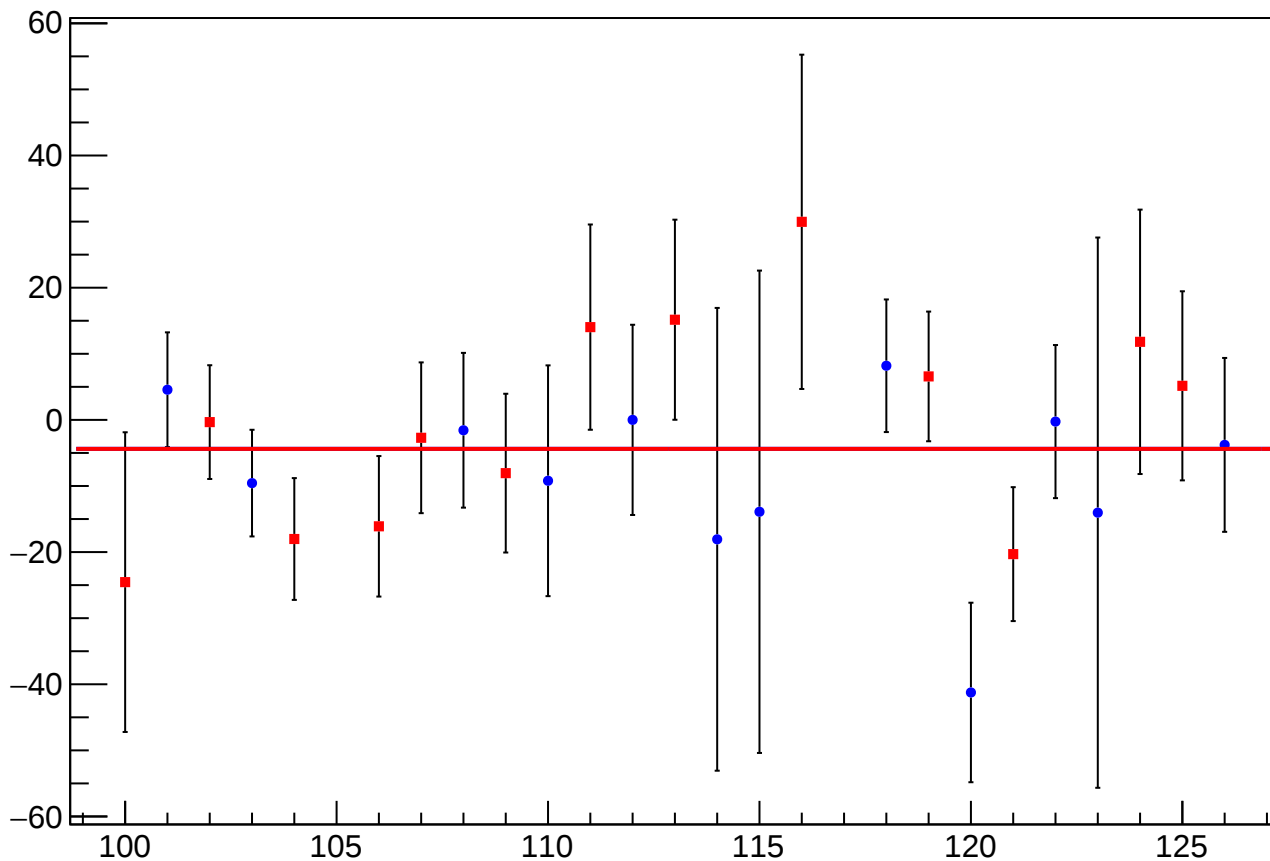
Right: 13044.002+/-3.114 χ^2/NDF : 331097.1/24

In: 12984.167+/-4.537 χ^2/NDF : 163071.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13044.002+/-3.114 χ^2/NDF : 331097.1/24

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -4.378+/-3.657 χ^2/NDF : 11.0/11

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

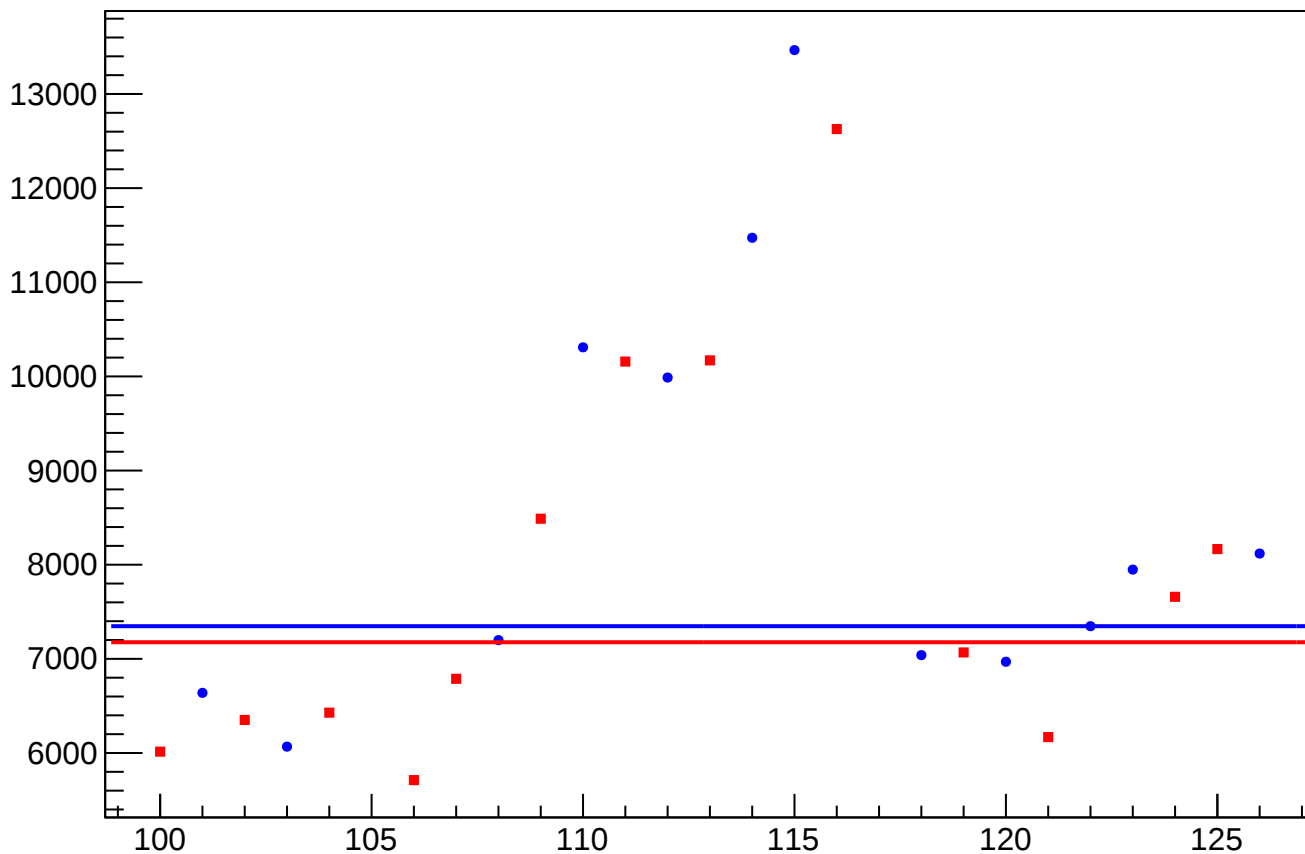
Right: -4.383+/-2.476 χ^2/NDF : 25.3/24

In: -4.378+/-3.657 χ^2/NDF : 11.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.383+/-2.476 χ^2/NDF : 25.3/24

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7347.028+/-2.586 χ^2/NDF : 283617.9/11

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

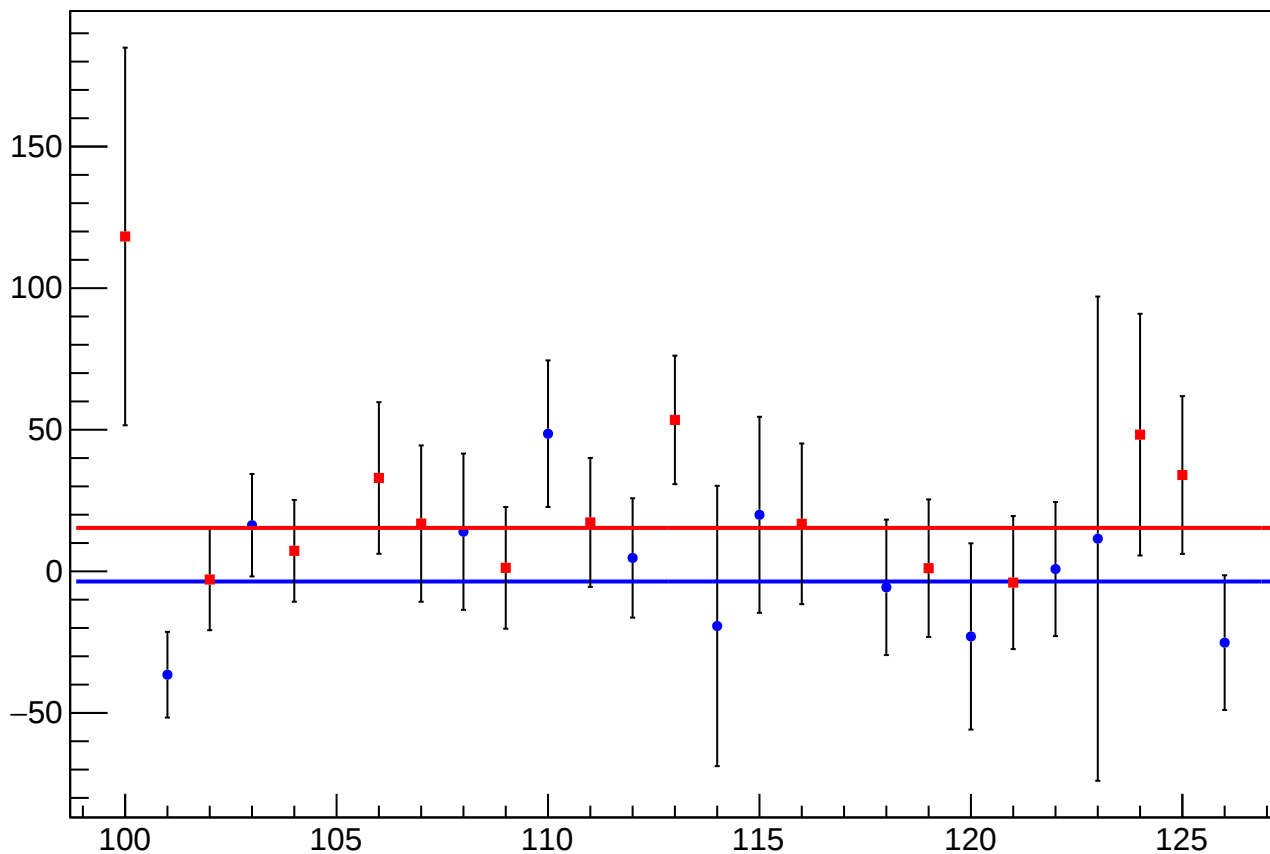
Right: 7254.595+/-1.751 χ^2/NDF : 662638.1/24

In: 7347.028+/-2.586 χ^2/NDF : 283617.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7254.595+/-1.751 χ^2/NDF : 662638.1/24

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -3.583+/-7.057 χ^2/NDF : 12.4/11

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

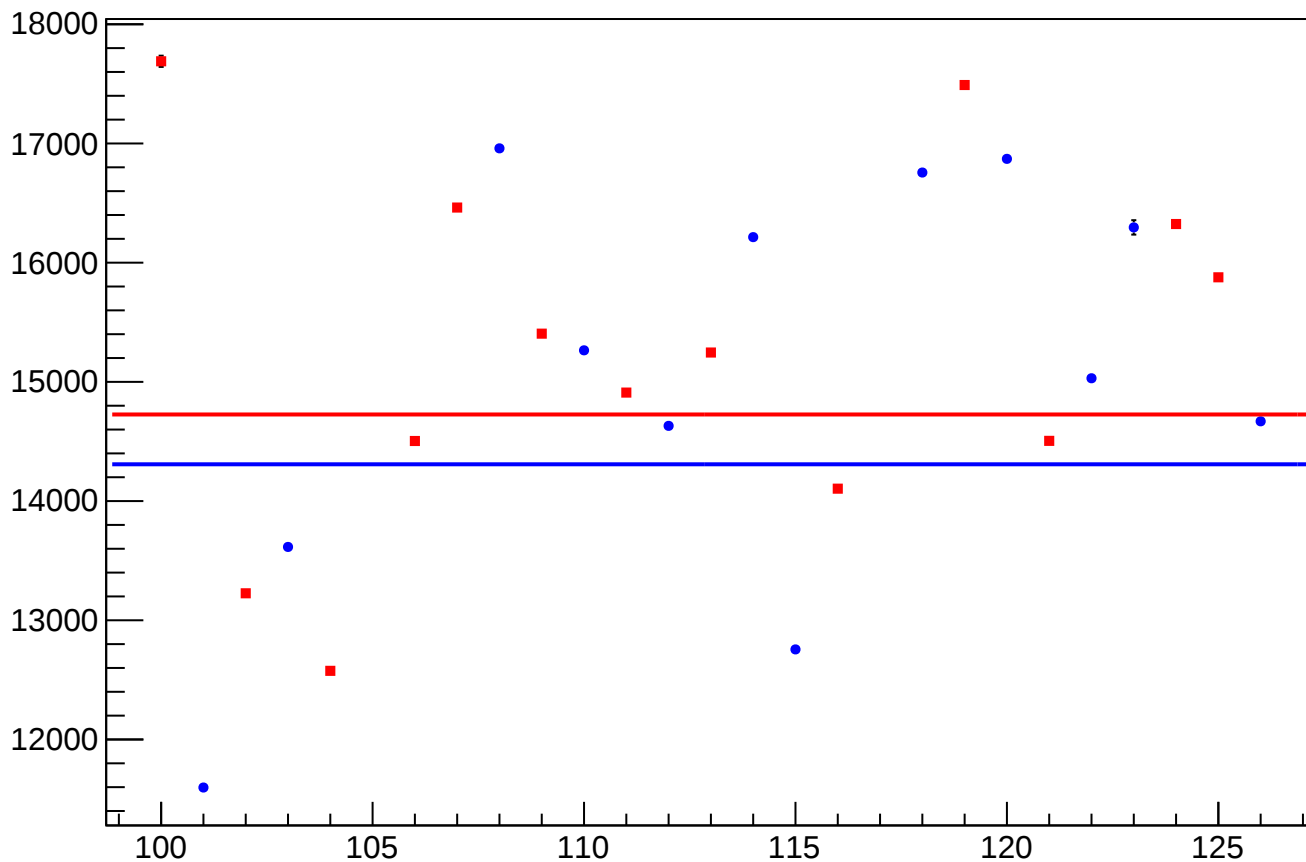
Right: 6.260+/-4.888 χ^2/NDF : 25.5/24

In: -3.583+/-7.057 χ^2/NDF : 12.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.260+/-4.888 χ^2/NDF : 25.5/24

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 14308.596+/-4.990 χ^2/NDF : 132303.0/11

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

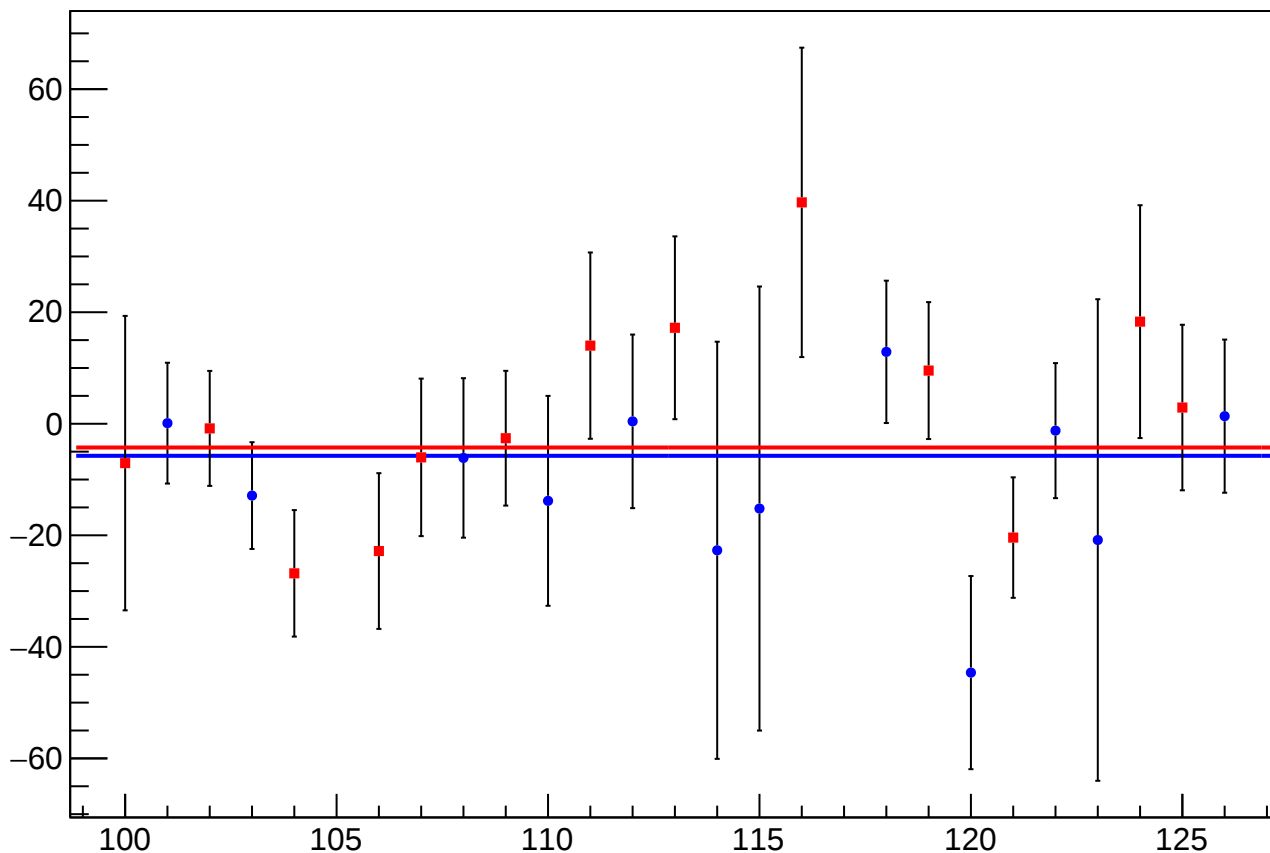
Right: 14525.989+/-3.456 χ^2/NDF : 227053.7/24

In: 14308.596+/-4.990 χ^2/NDF : 132303.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14525.989+/-3.456 χ^2/NDF : 227053.7/24

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -5.744 $\pm$ 4.273 χ^2 /NDF: 9.2/11

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

Right Out: -4.256 $\pm$ 3.885 χ^2 /NDF: 16.2/12

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

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

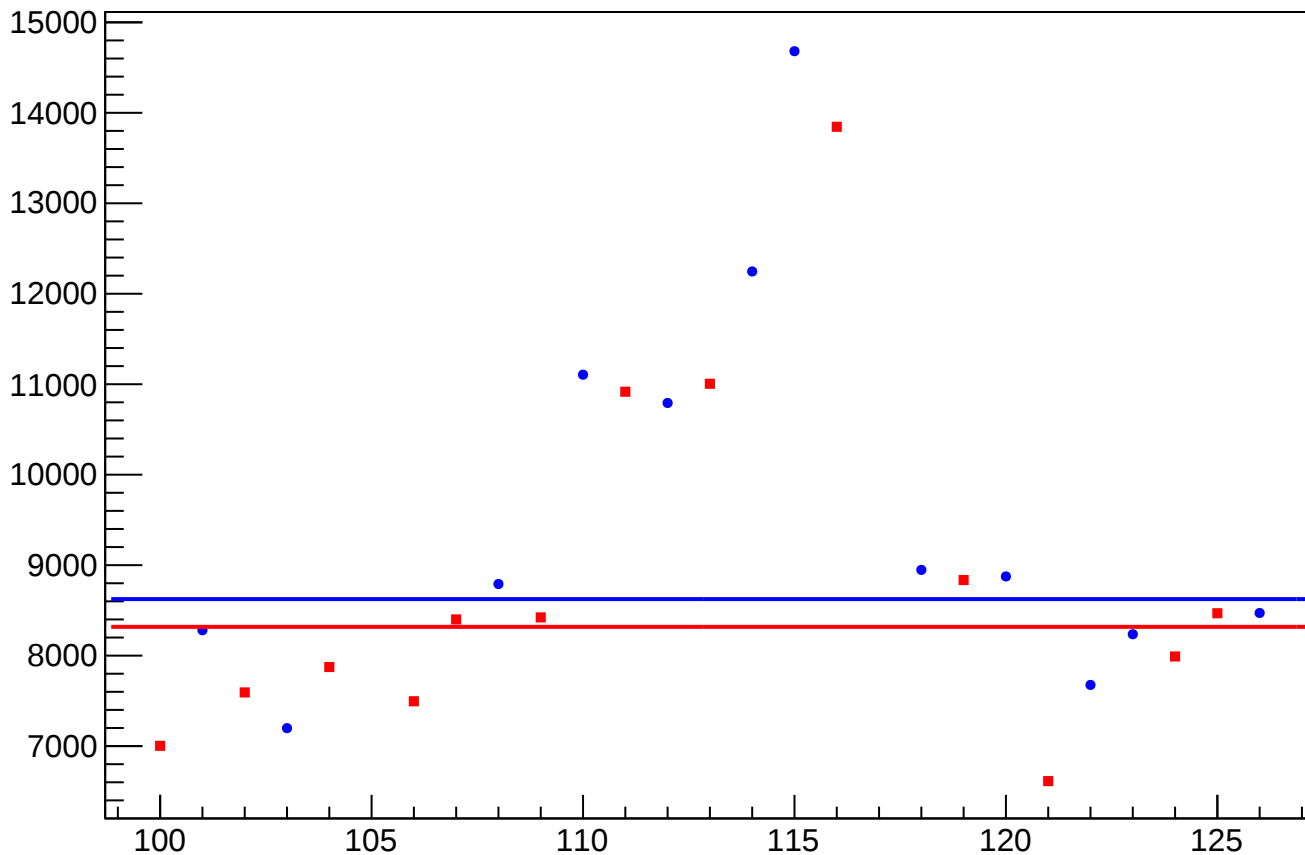
Right: -4.929 $\pm$ 2.874 χ^2 /NDF: 25.4/24

In: -5.744 $\pm$ 4.273 χ^2 /NDF:9.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.929 $\pm$ 2.874 χ^2 /NDF: 25.4/24

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8624.838+/-3.021 χ^2/NDF : 199700.8/11

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

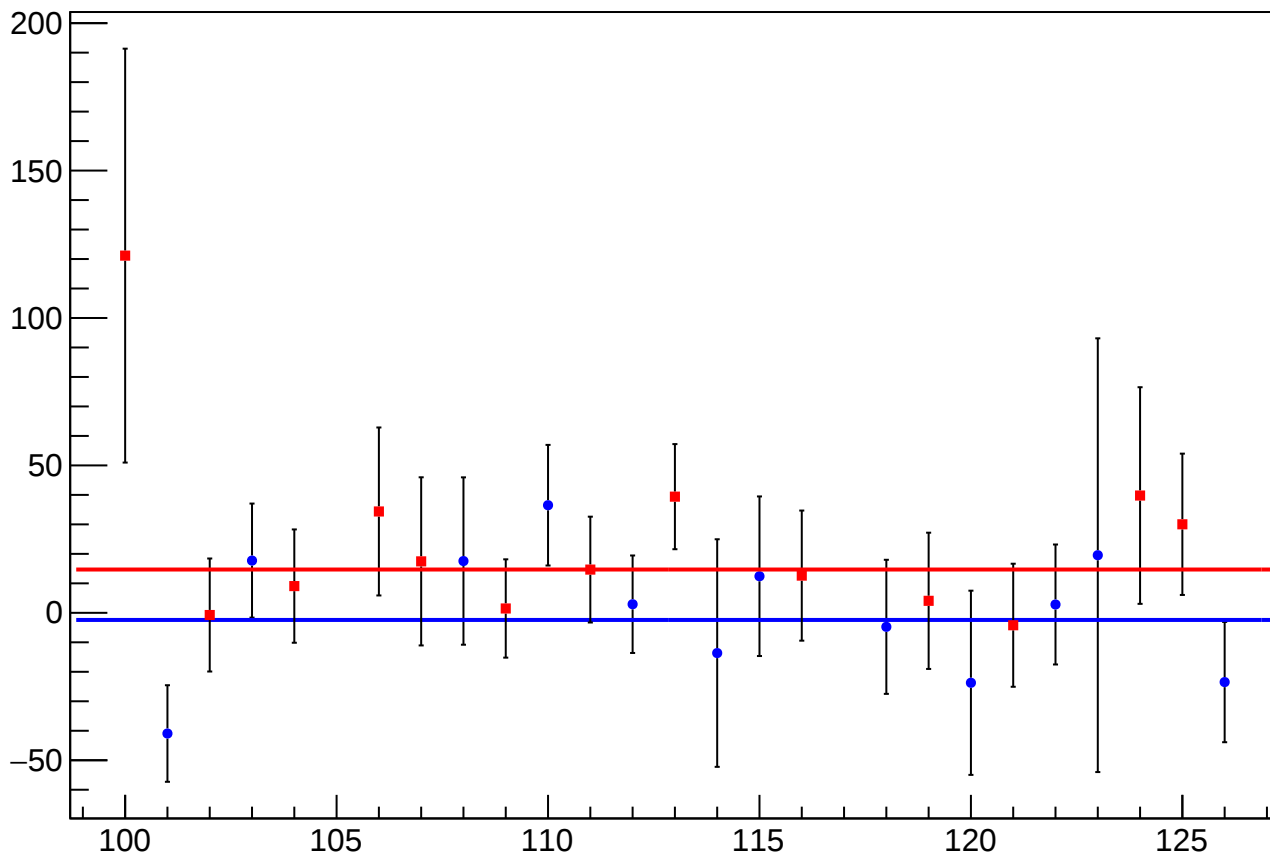
Right: 8456.972+/-2.032 χ^2/NDF : 466033.1/24

In: 8624.838+/-3.021 χ^2/NDF : 199700.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8456.972+/-2.032 χ^2/NDF : 466033.1/24

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -2.414+/-6.497 χ^2/NDF : 12.9/11

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

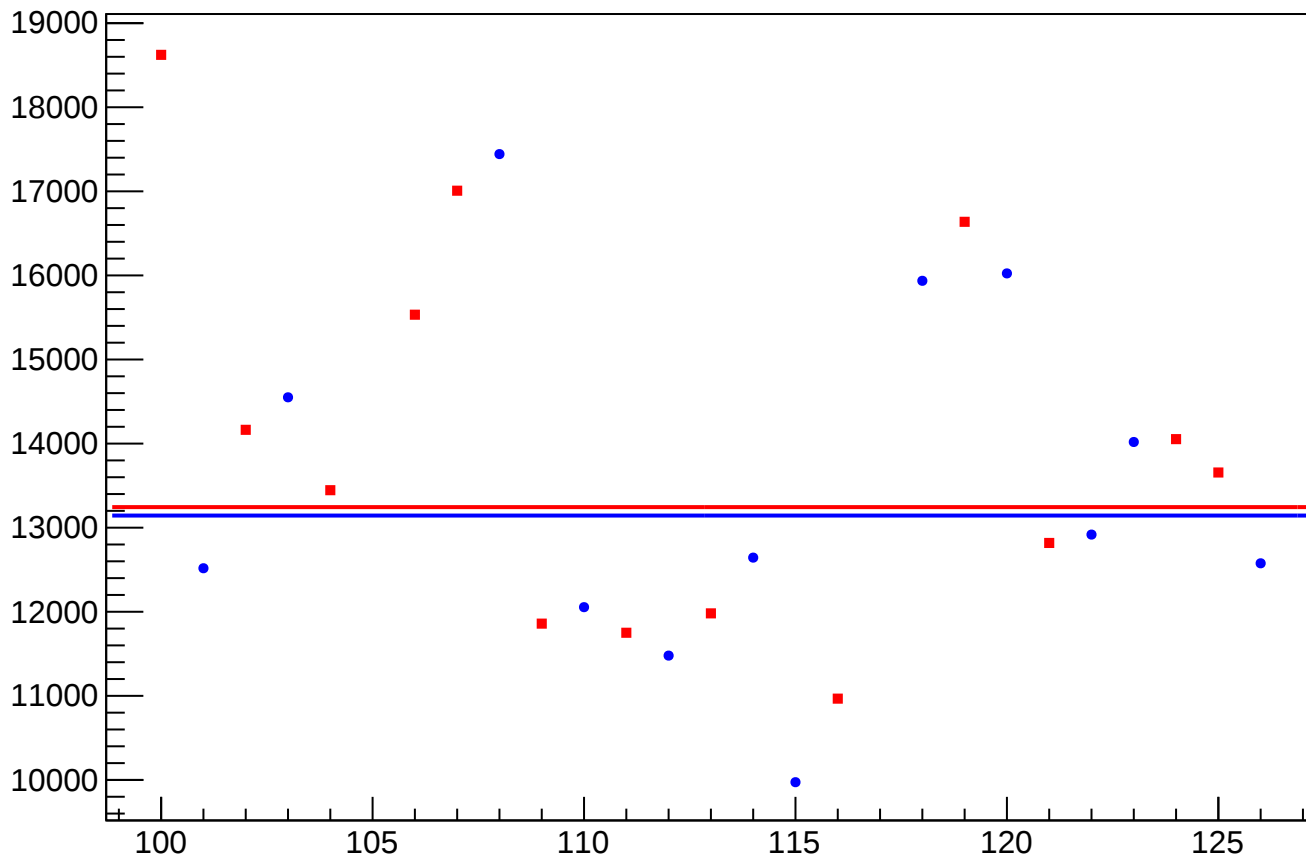
Right: 6.640+/-4.457 χ^2/NDF : 24.6/24

In: -2.414+/-6.497 χ^2/NDF : 12.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.640+/-4.457 χ^2/NDF : 24.6/24

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13144.143+/-4.594 χ^2/NDF : 162372.8/11

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

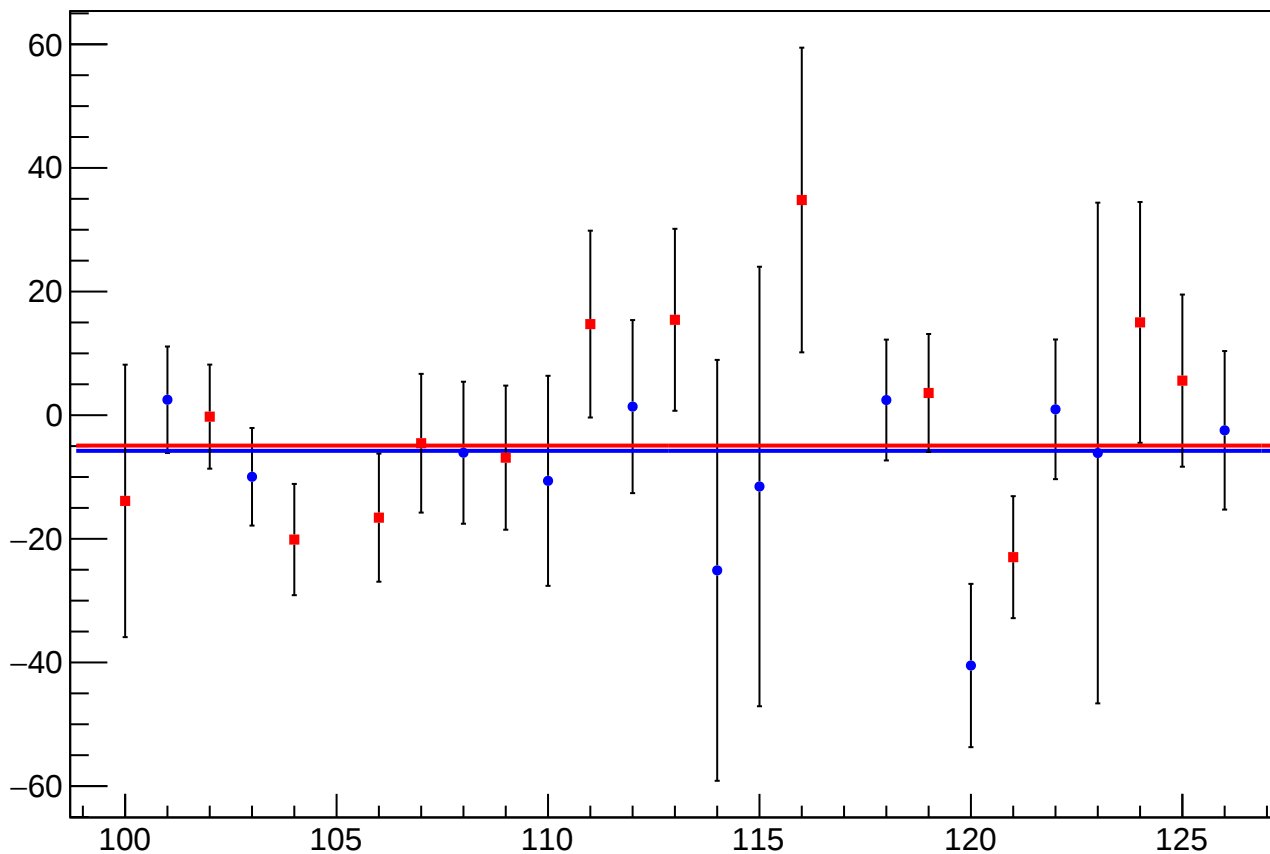
Right: 13197.308+/-3.152 χ^2/NDF : 331480.0/24

In: 13144.143+/-4.594 χ^2/NDF :162372.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13197.308+/-3.152 χ^2/NDF : 331480.0/24

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -5.766+/-3.579 χ^2/NDF : 9.9/11

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

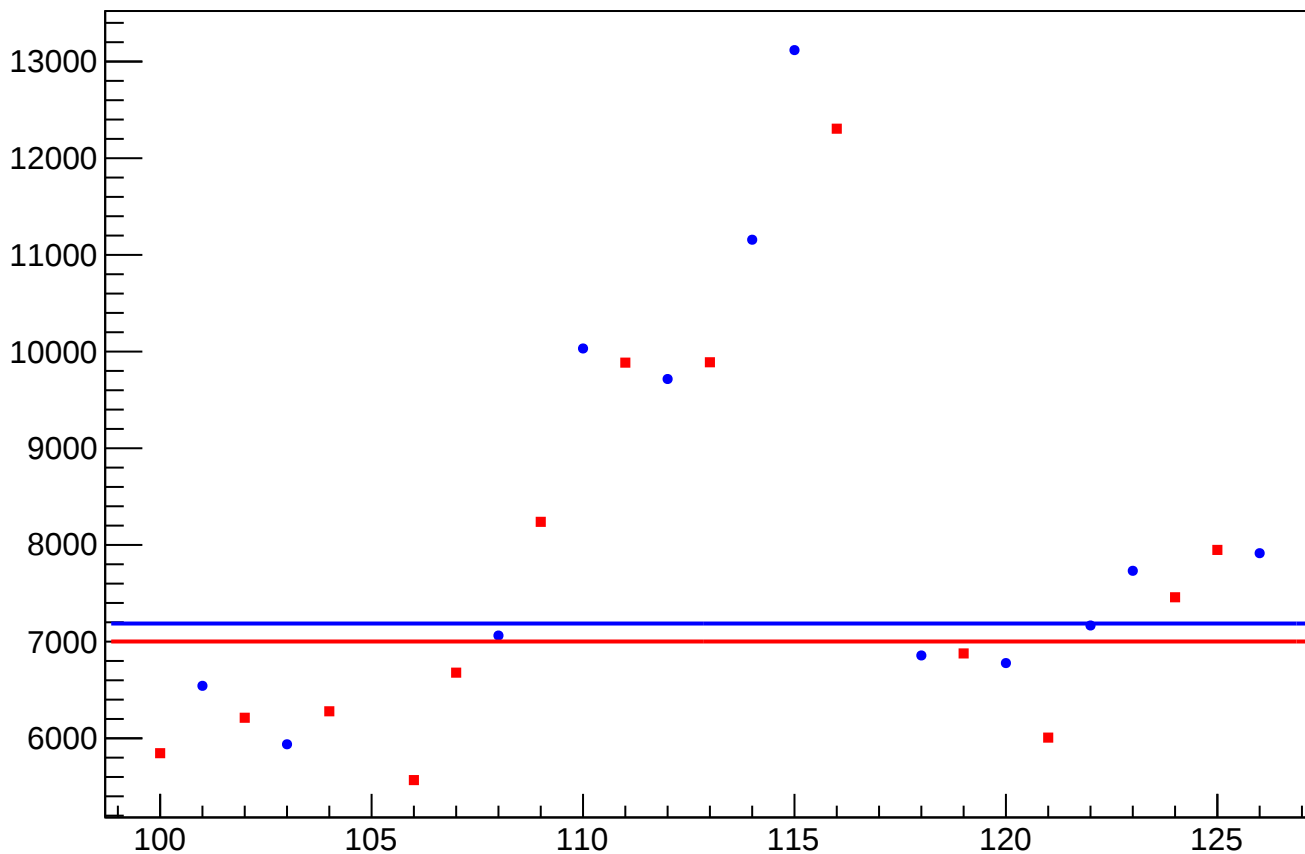
Right: -5.303+/-2.419 χ^2/NDF : 26.5/24

In: -5.766+/-3.579 χ^2/NDF :9.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.303+/-2.419 χ^2/NDF : 26.5/24

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7187.211+/-2.531 χ^2/NDF : 276728.9/11

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

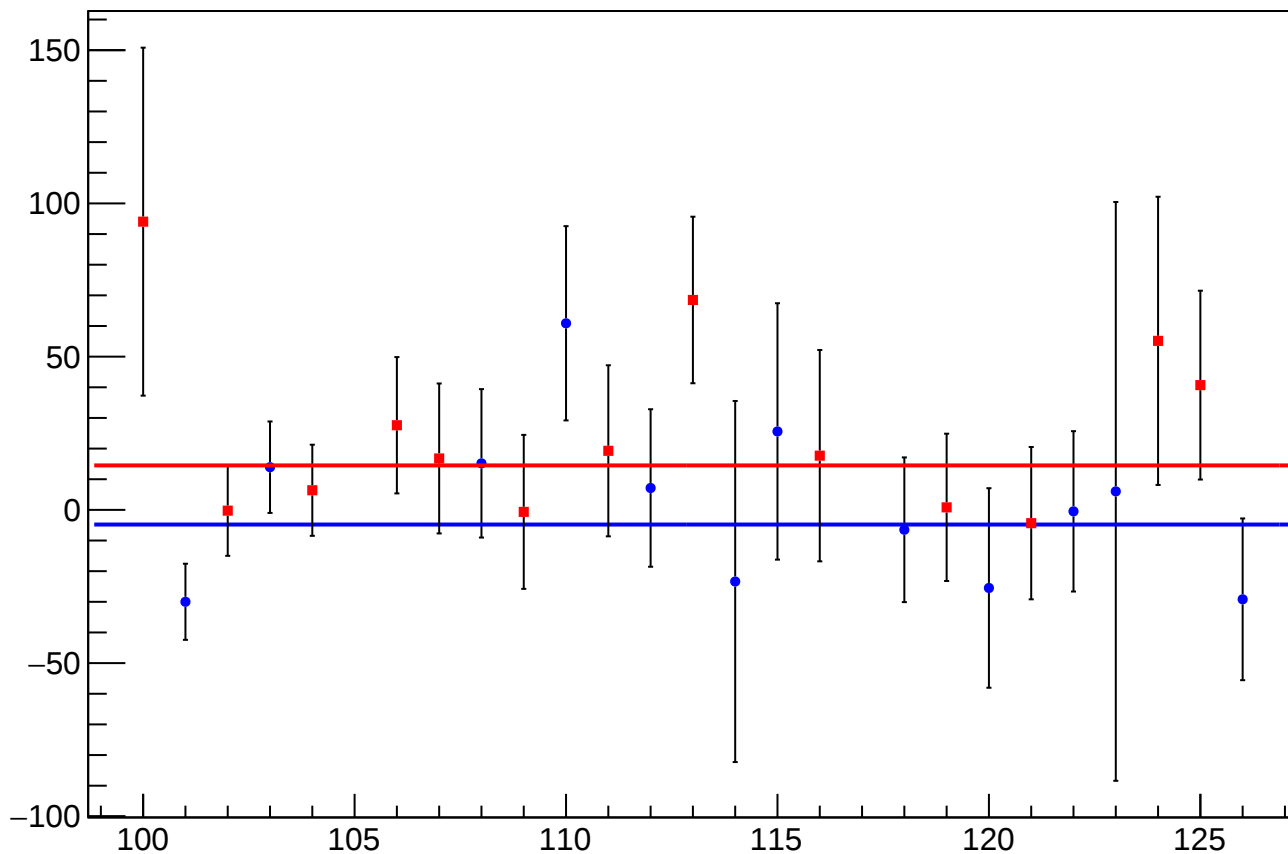
Right: 7086.241+/-1.711 χ^2/NDF : 651559.7/24

In: 7187.211+/-2.531 χ^2/NDF : 276728.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7086.241+/-1.711 χ^2/NDF : 651559.7/24

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -4.783+/-6.774 χ^2/NDF : 12.8/11

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

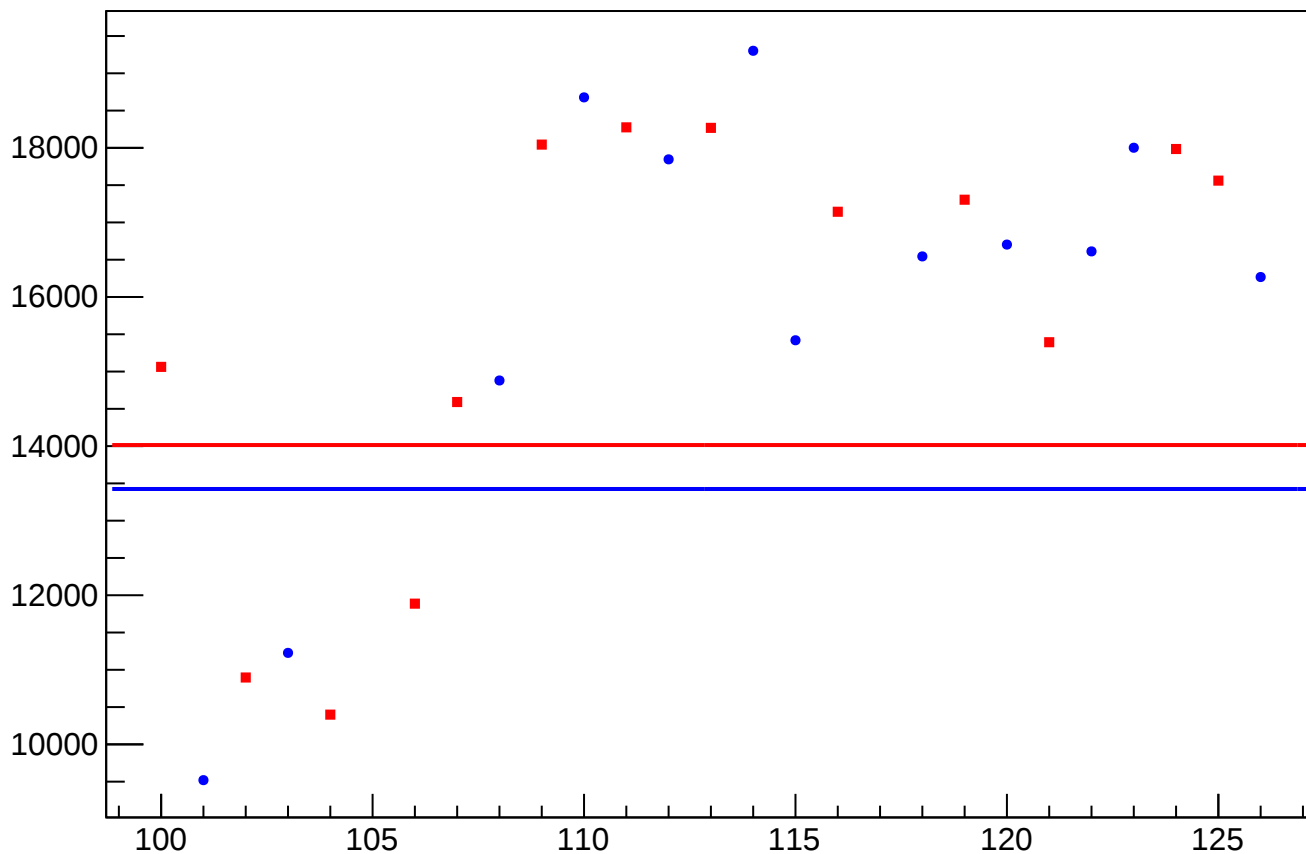
Right: 5.134+/-4.722 χ^2/NDF : 27.3/24

In: -4.783+/-6.774 χ^2/NDF : 12.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.134+/-4.722 χ^2/NDF : 27.3/24

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 13424.976+/-4.790 χ^2/NDF : 499648.6/11

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

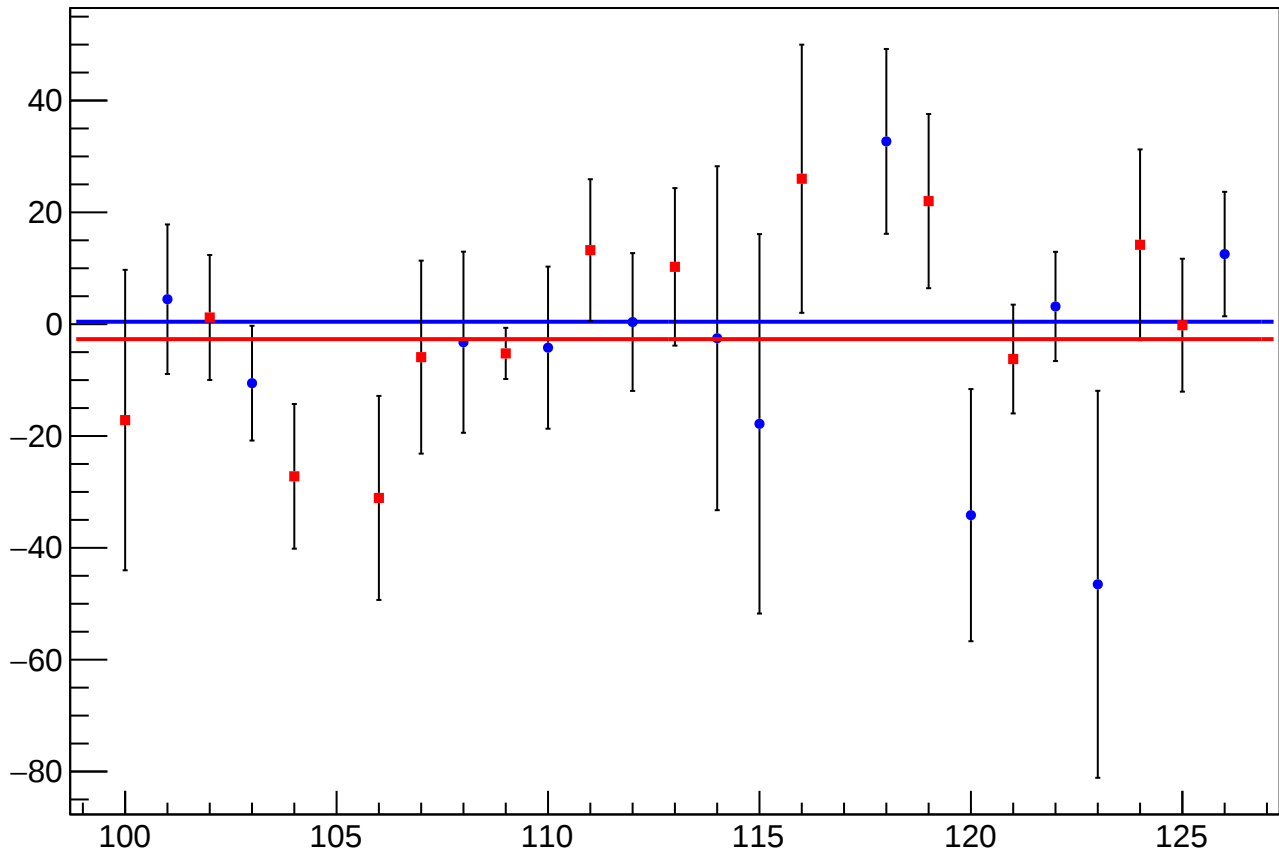
Right: 13727.899+/-3.339 χ^2/NDF : 983188.5/24

In: 13424.976+/-4.790 χ^2/NDF : 499648.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13727.899+/-3.339 χ^2/NDF : 983188.5/24

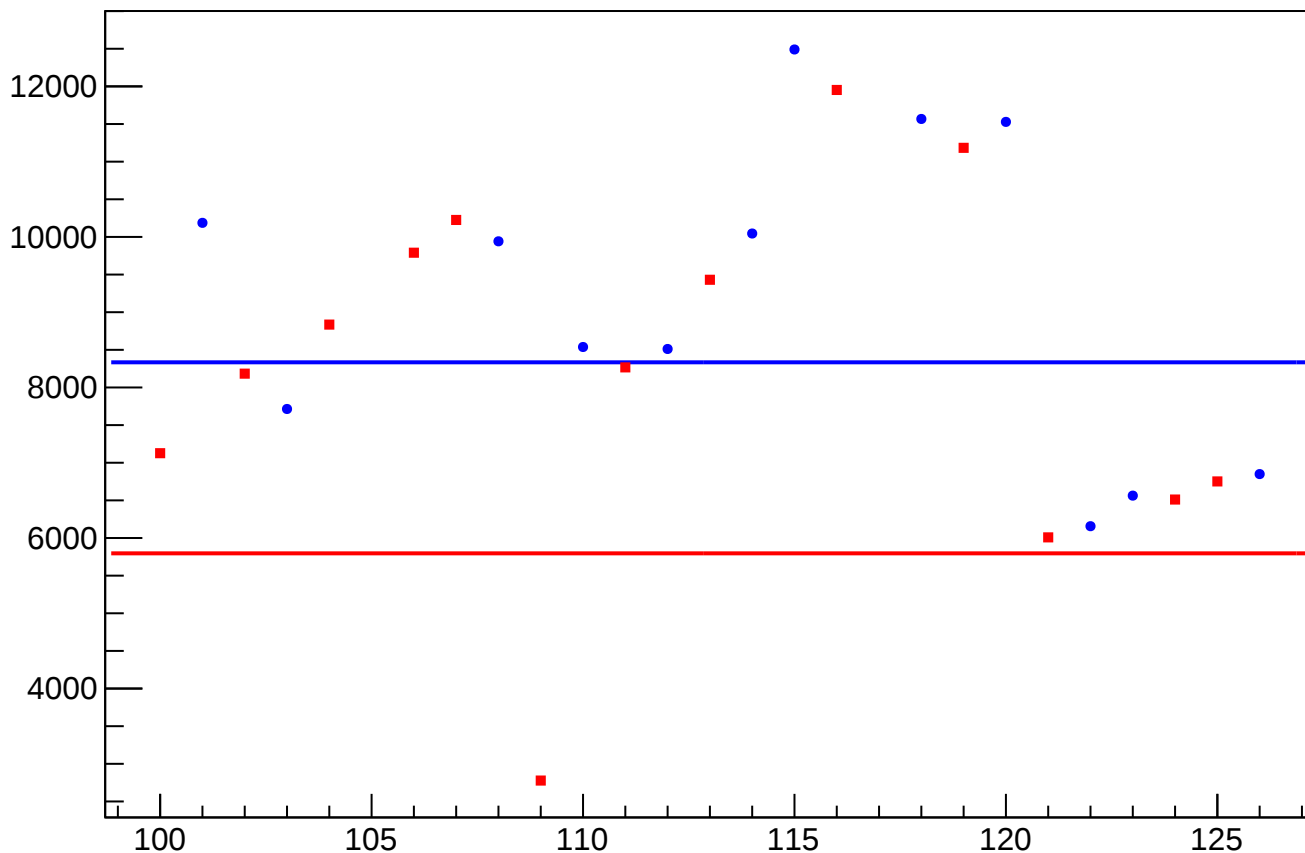
diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.438+/-4.182 χ^2/NDF : 11.0/11
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: -1.594+/-2.463 χ^2/NDF : 25.6/24
In: 0.438+/-4.182 χ^2/NDF : 11.0/11
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -1.594+/-2.463 χ^2/NDF : 25.6/24

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8334.186+/-2.957 χ^2/NDF : 359266.2/11

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

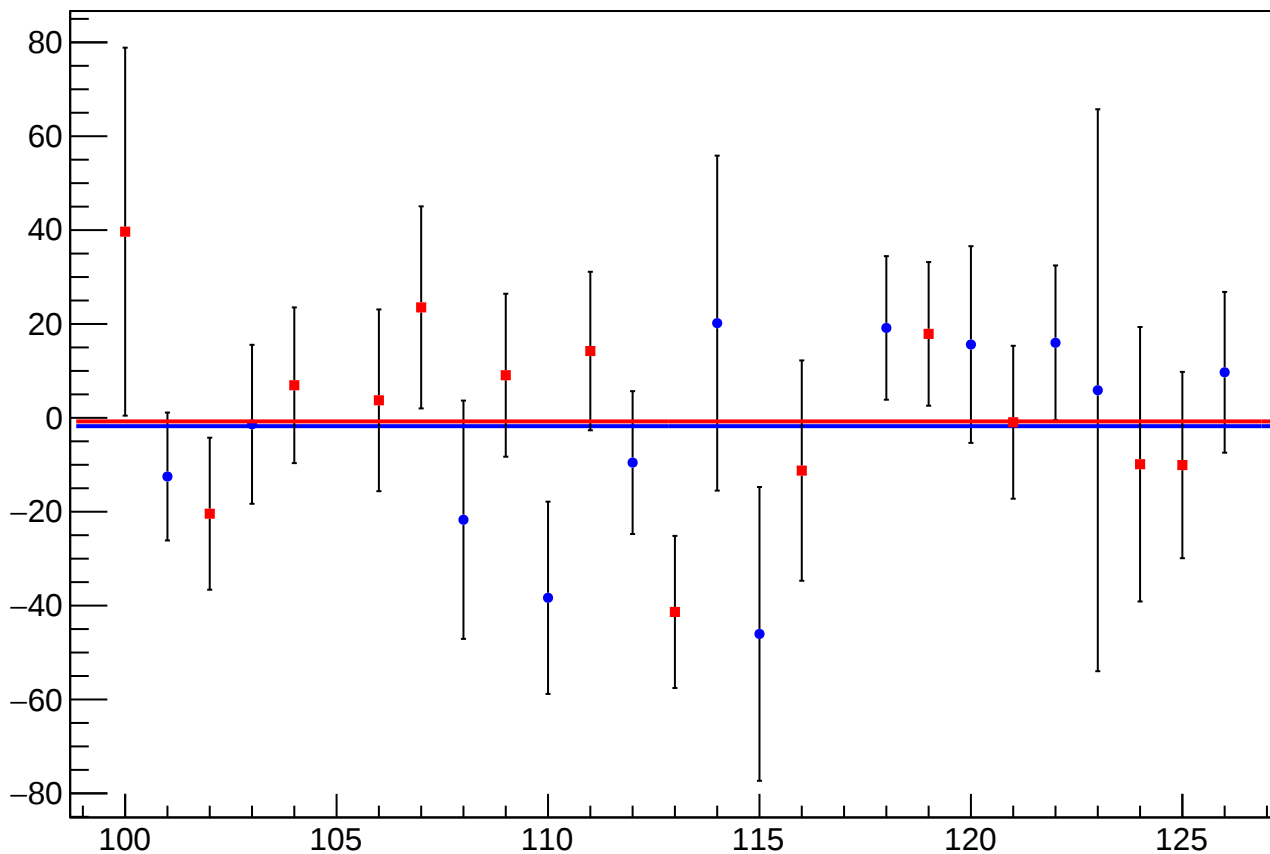
Right: 6676.709+/-1.742 χ^2/NDF : 2741866.0/24

In: 8334.186+/-2.957 χ^2/NDF : 359266.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6676.709+/-1.742 χ^2/NDF : 2741866.0/24

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -1.775+/-5.516 χ^2/NDF : 11.3/11

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

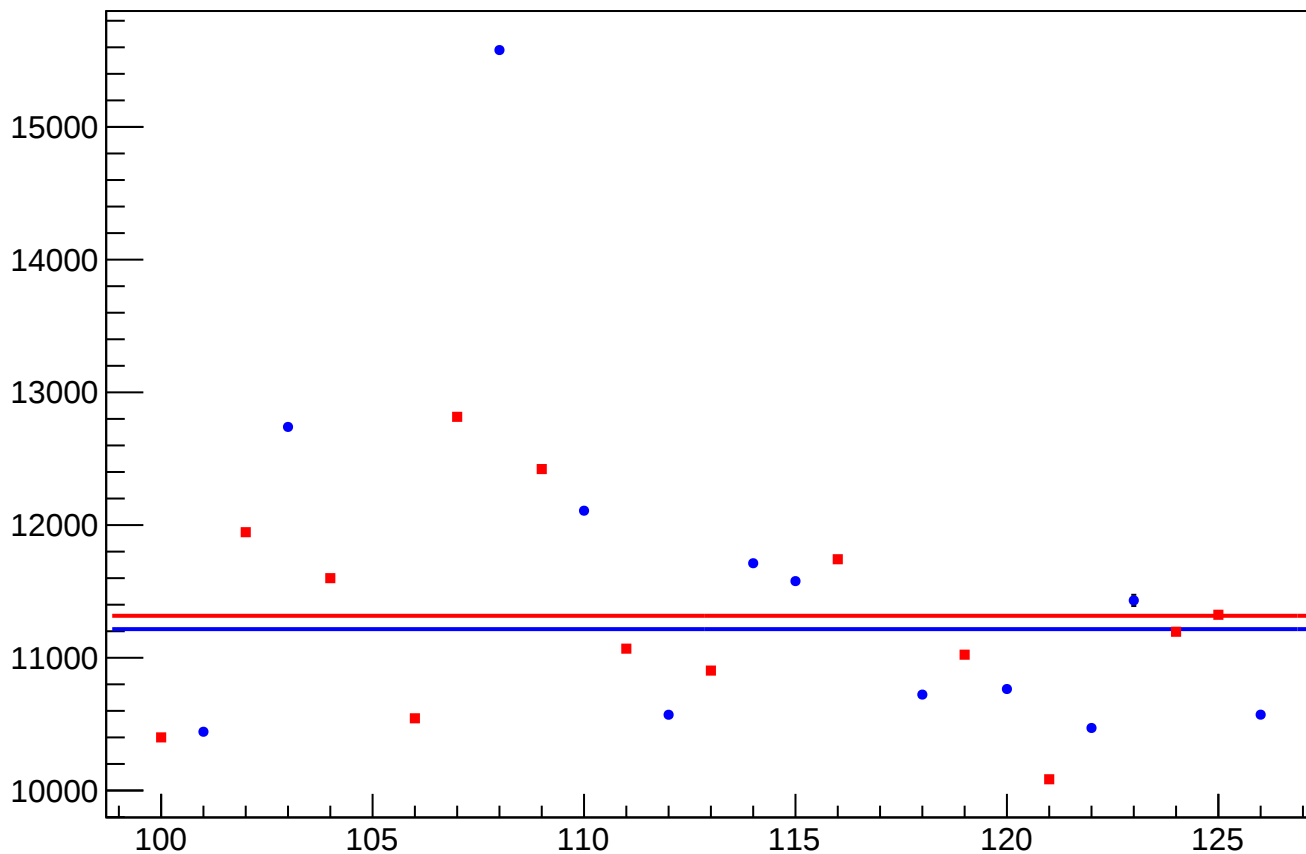
Right: -1.235+/-3.780 χ^2/NDF : 24.7/24

In: -1.775+/-5.516 χ^2/NDF : 11.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.235+/-3.780 χ^2/NDF : 24.7/24

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11215.898+/-3.900 χ^2/NDF : 99731.7/11

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

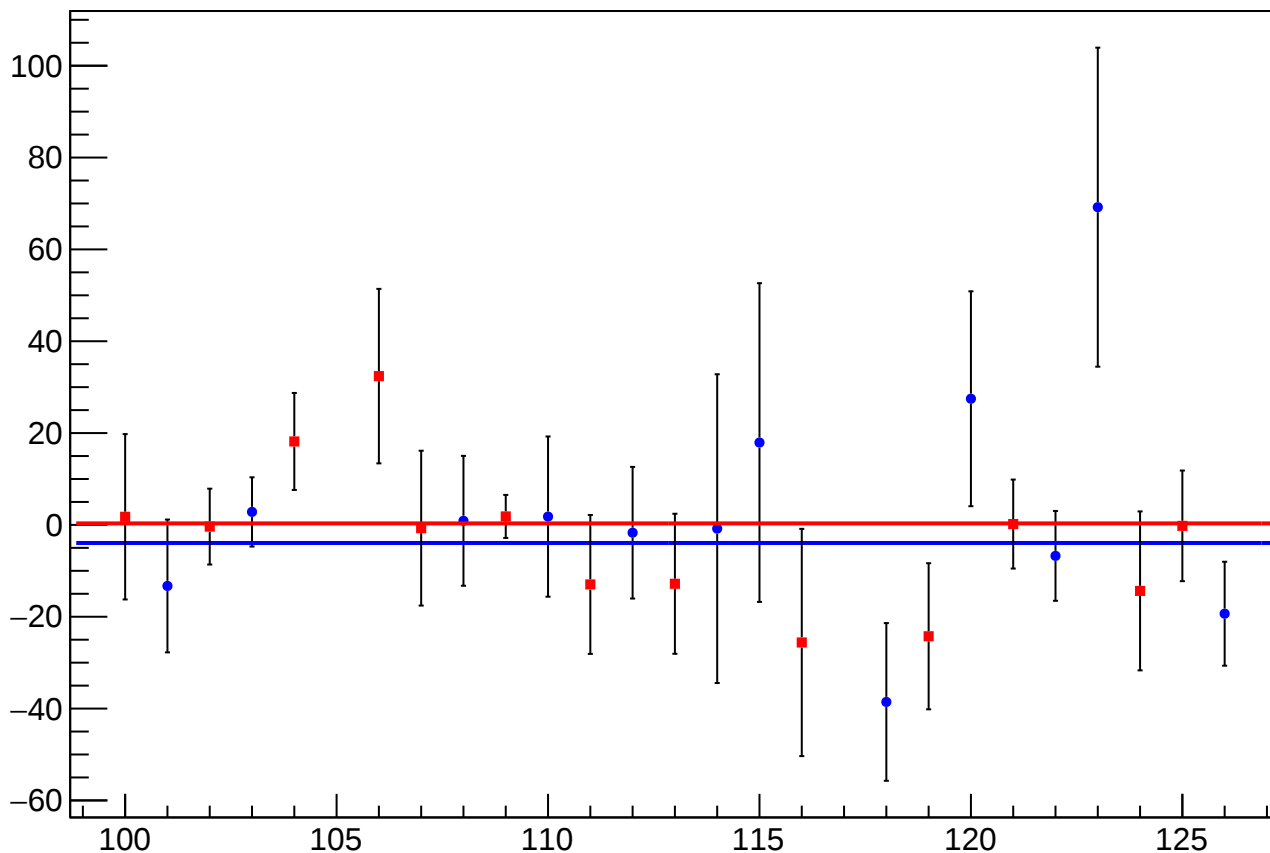
Right: 11269.222+/-2.673 χ^2/NDF : 140376.9/24

In: 11215.898+/-3.900 χ^2/NDF : 99731.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11269.222+/-2.673 χ^2/NDF : 140376.9/24

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -3.934 ± 4.031 $\chi^2/\text{NDF}: 14.1/11$

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

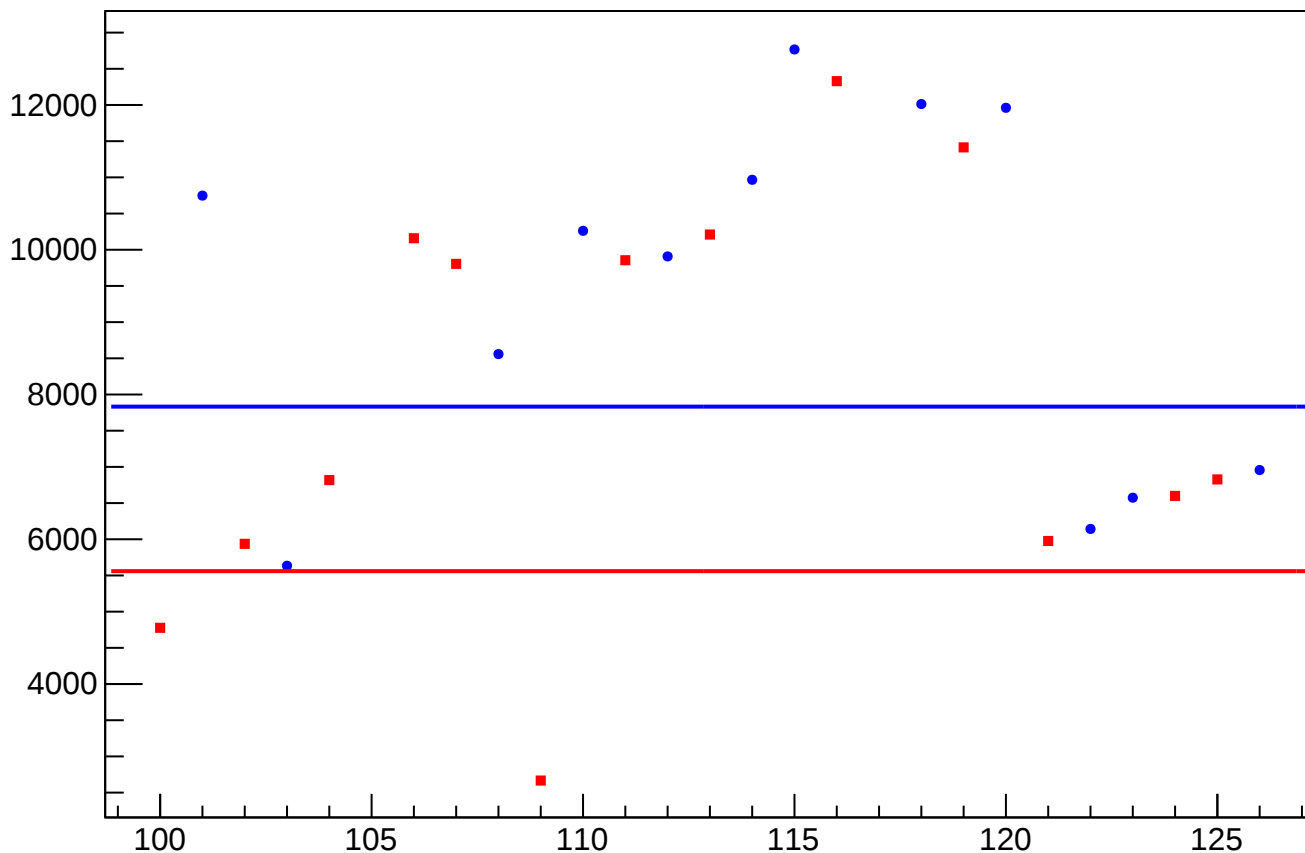
Right: -1.169 ± 2.389 $\chi^2/\text{NDF}: 26.4/24$

In: -3.934 ± 4.031 $\chi^2/\text{NDF}: 14.1/11$

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

All: -1.169 ± 2.389 $\chi^2/\text{NDF}: 26.4/24$

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 7832.759+/-2.850 χ^2/NDF : 650087.5/11

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

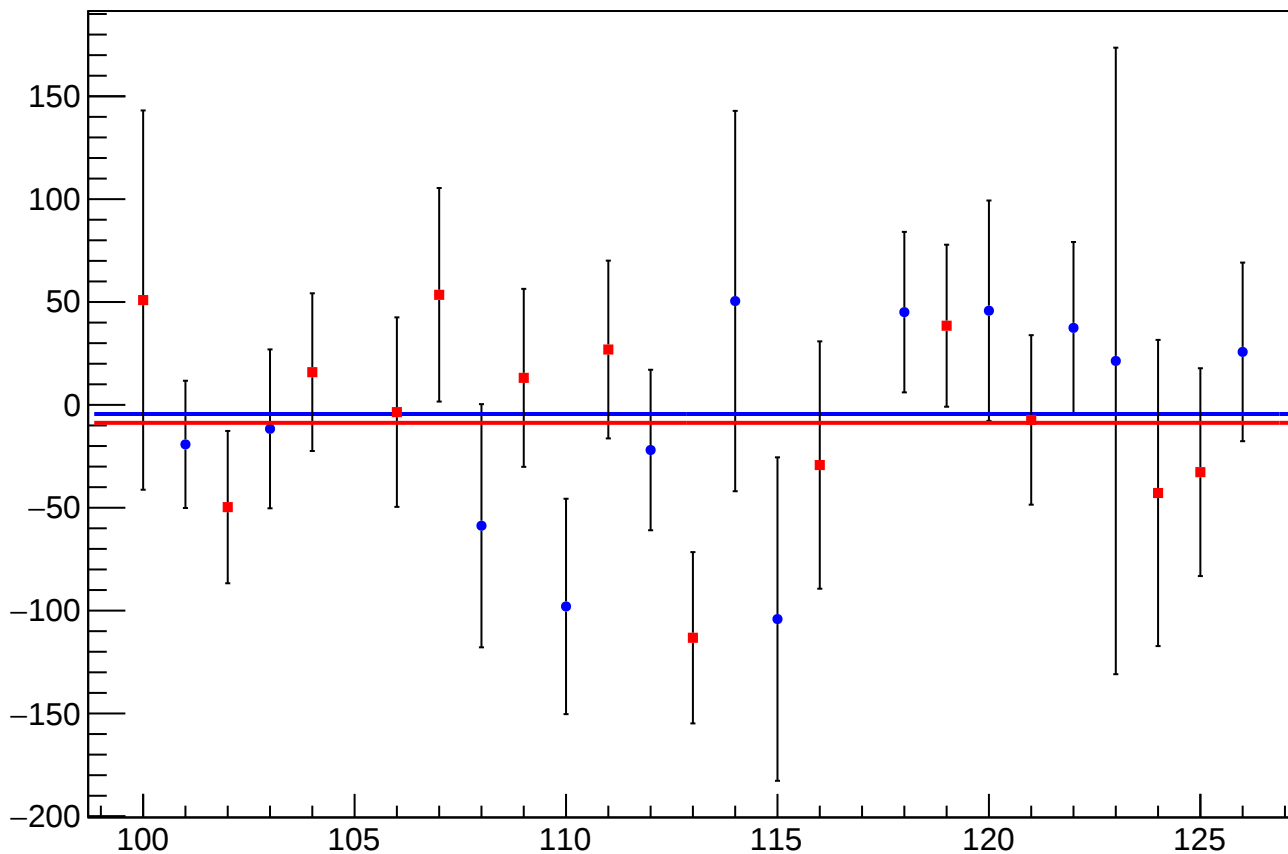
Right: 6358.223+/-1.689 χ^2/NDF : 2905502.8/24

In: 7832.759+/-2.850 χ^2/NDF : 650087.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6358.223+/-1.689 χ^2/NDF : 2905502.8/24

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -4.426+/-13.538 χ^2/NDF : 10.5/11

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

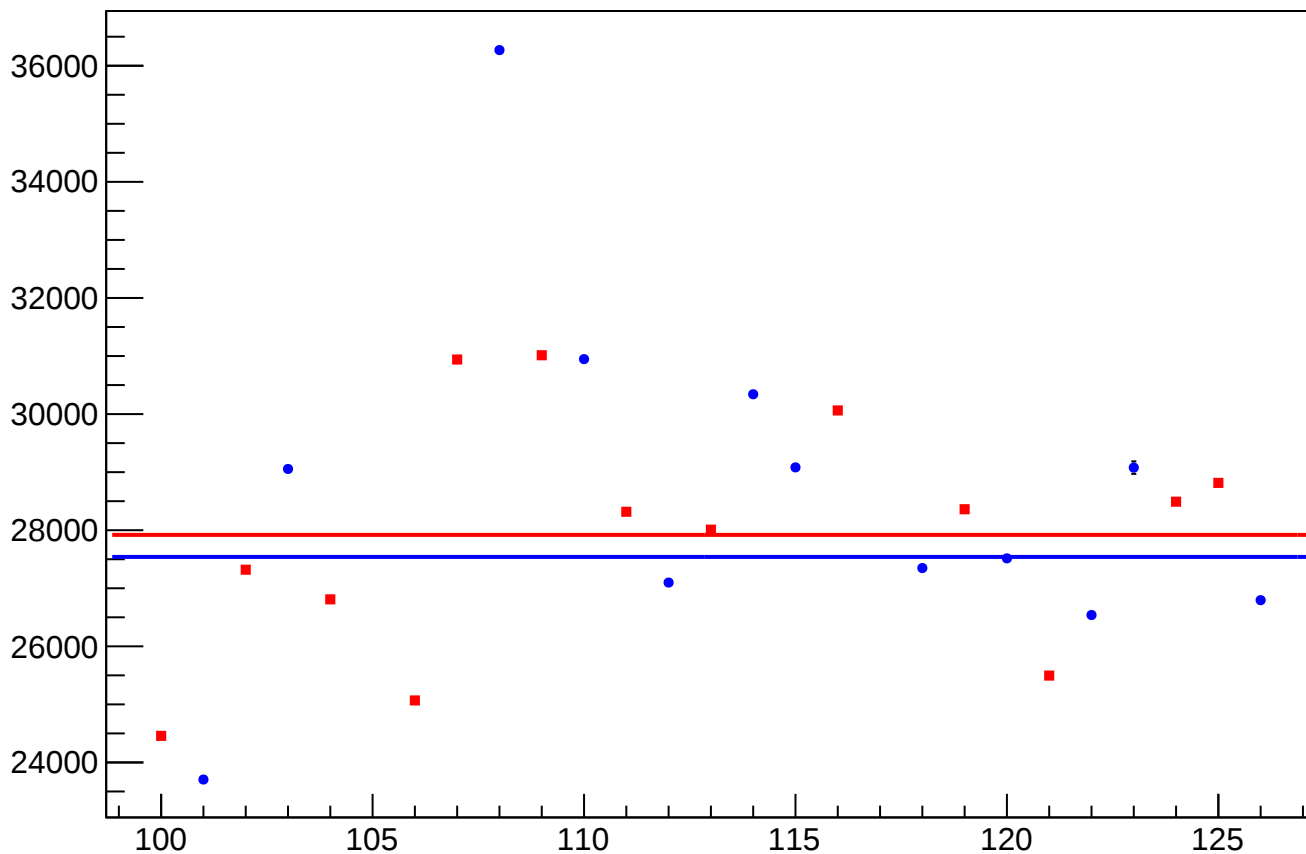
Right: -6.695+/-9.302 χ^2/NDF : 23.3/24

In: -4.426+/-13.538 χ^2/NDF : 10.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.695+/-9.302 χ^2/NDF : 23.3/24

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 27539.911+/-9.573 χ^2/NDF : 90766.2/11

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

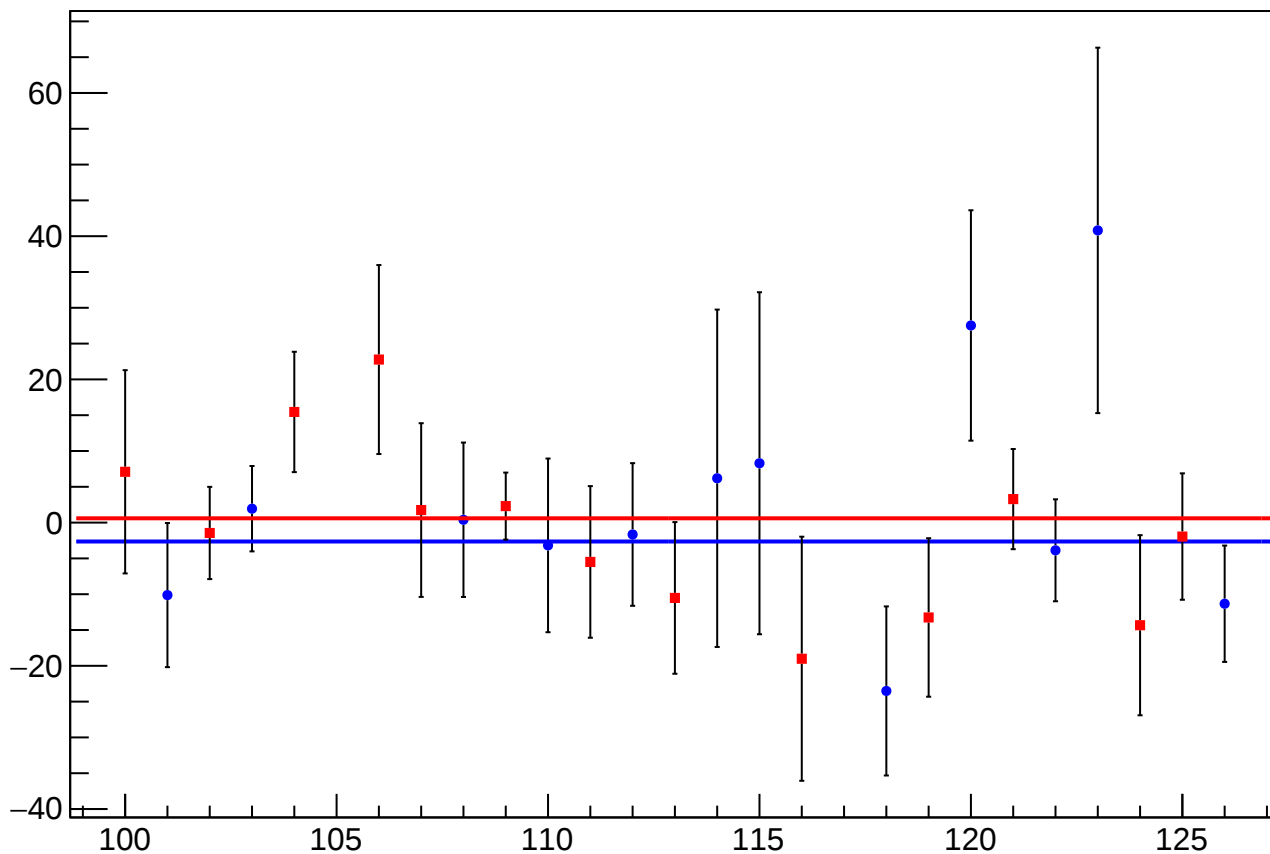
Right: 27740.258+/-6.577 χ^2/NDF : 131930.1/24

In: 27539.911+/-9.573 χ^2/NDF :90766.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 27740.258+/-6.577 χ^2/NDF : 131930.1/24

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -2.638+/-2.955 χ^2/NDF : 12.3/11

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

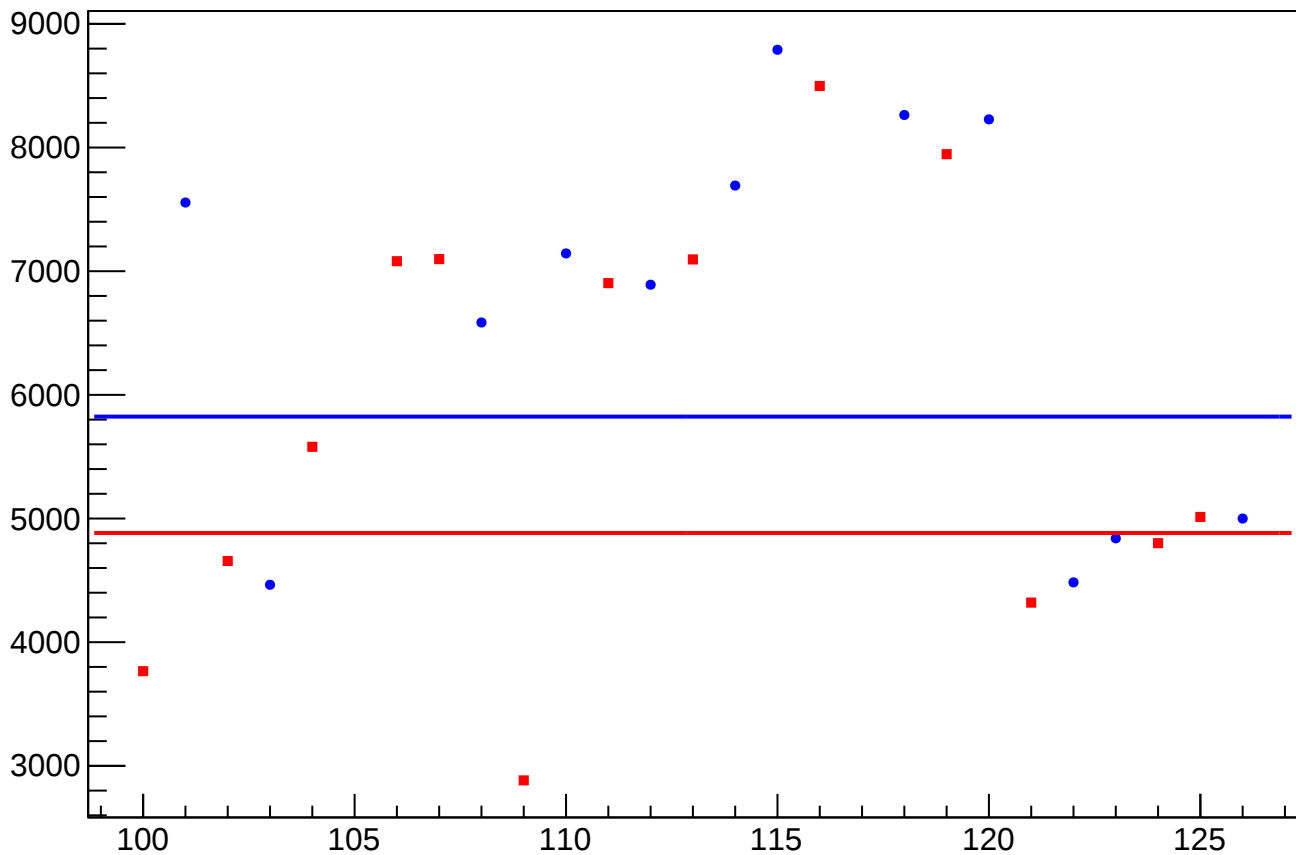
Right: -0.701+/-1.873 χ^2/NDF : 25.4/24

In: -2.638+/-2.955 χ^2/NDF : 12.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.701+/-1.873 χ^2/NDF : 25.4/24

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5824.197+/-2.090 χ^2/NDF : 487674.9/11

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

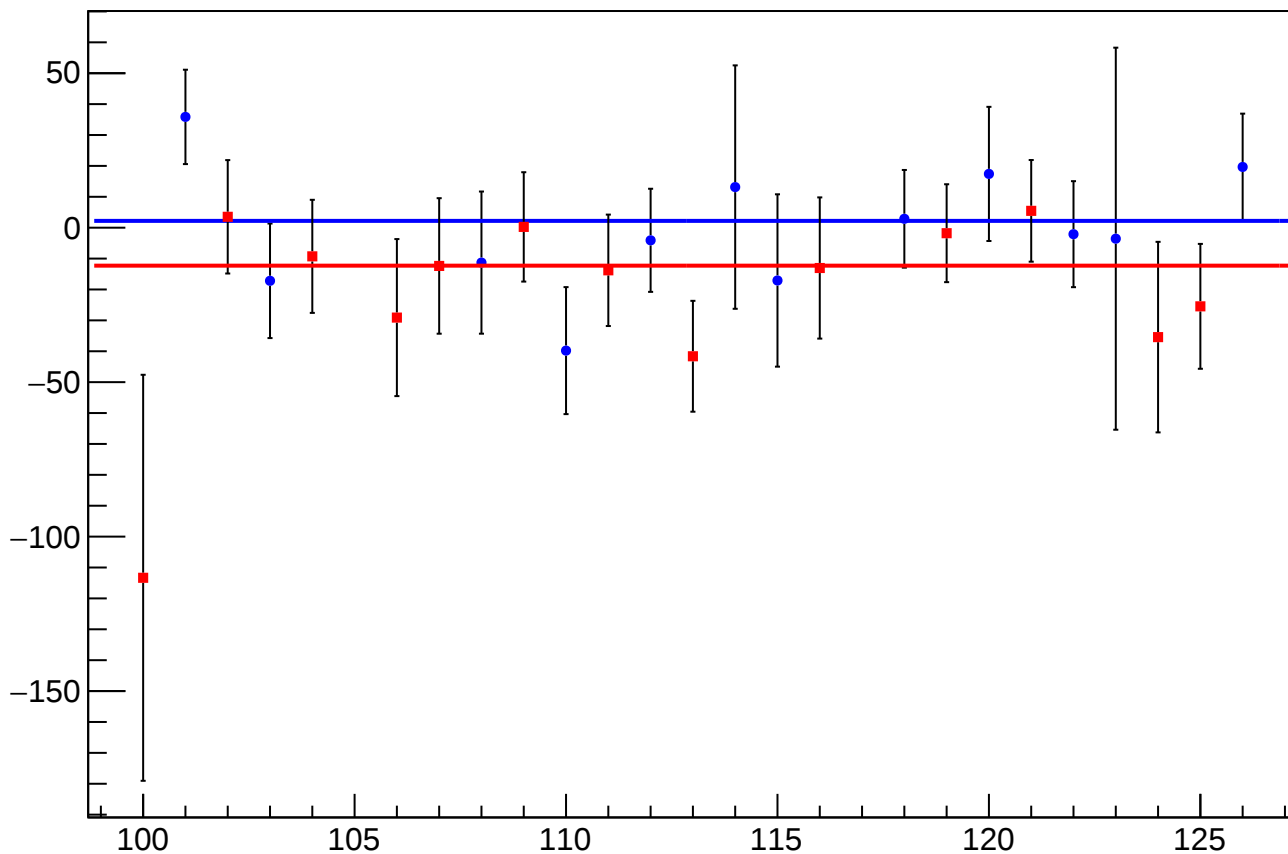
Right: 5261.336+/-1.325 χ^2/NDF : 1541992.2/24

In: 5824.197+/-2.090 χ^2/NDF : 487674.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5261.336+/-1.325 χ^2/NDF : 1541992.2/24

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 2.203+/-5.763 χ^2/NDF : 12.8/11

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

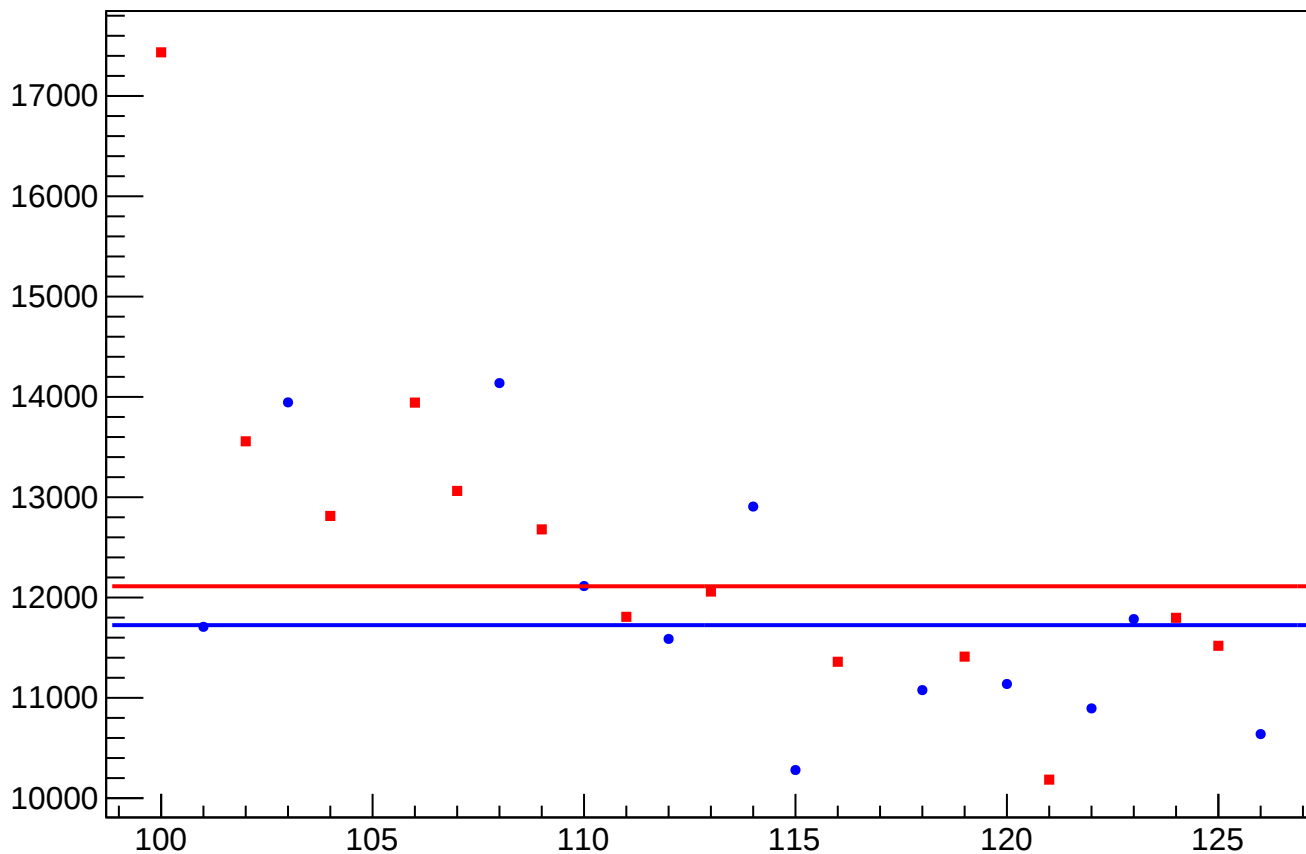
Right: -5.295+/-4.004 χ^2/NDF : 25.4/24

In: 2.203+/-5.763 χ^2/NDF : 12.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.295+/-4.004 χ^2/NDF : 25.4/24

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 11724.659+/-4.075 χ^2/NDF : 76143.5/11

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

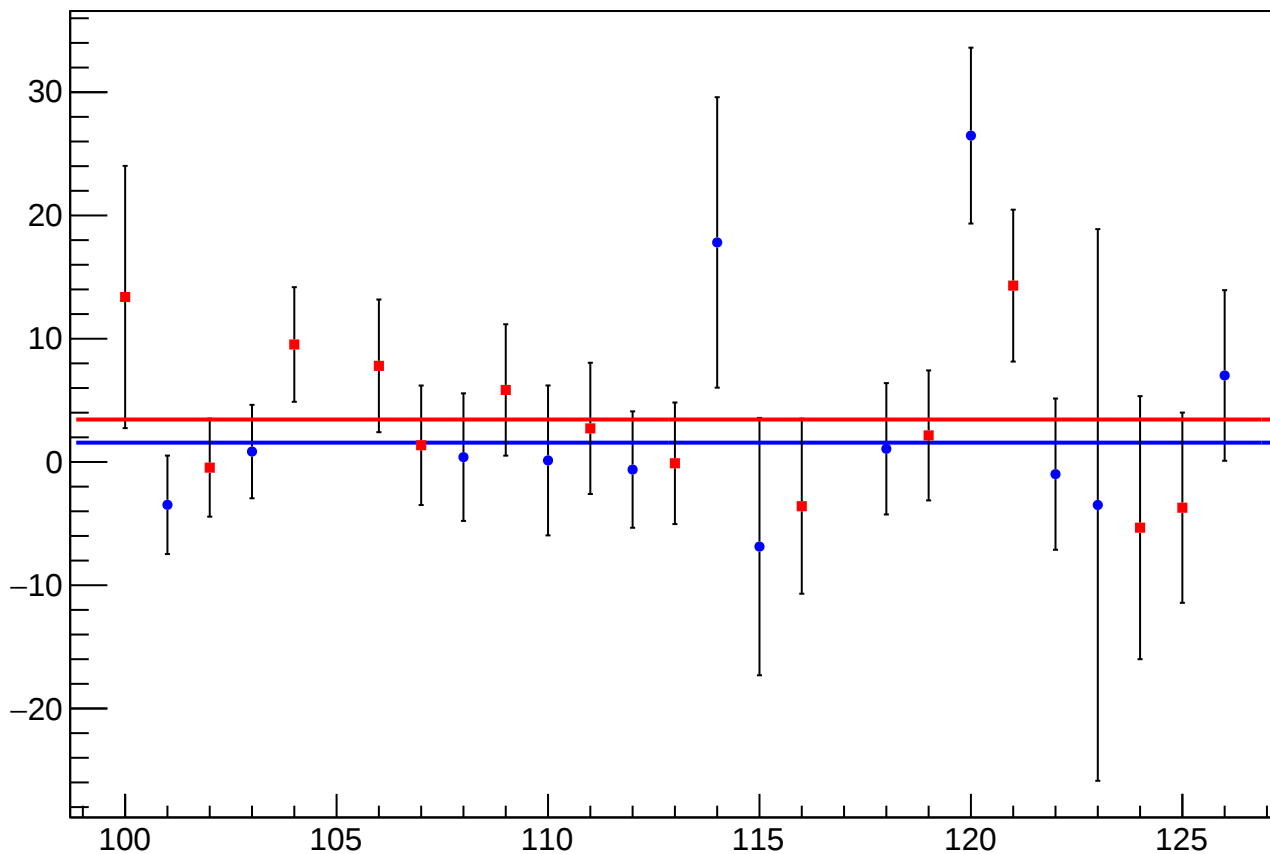
Right: 11925.151+/-2.831 χ^2/NDF : 161528.3/24

In: 11724.659+/-4.075 χ^2/NDF : 76143.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11925.151+/-2.831 χ^2/NDF : 161528.3/24

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 1.569+/-1.662 χ^2/NDF : 17.6/11

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

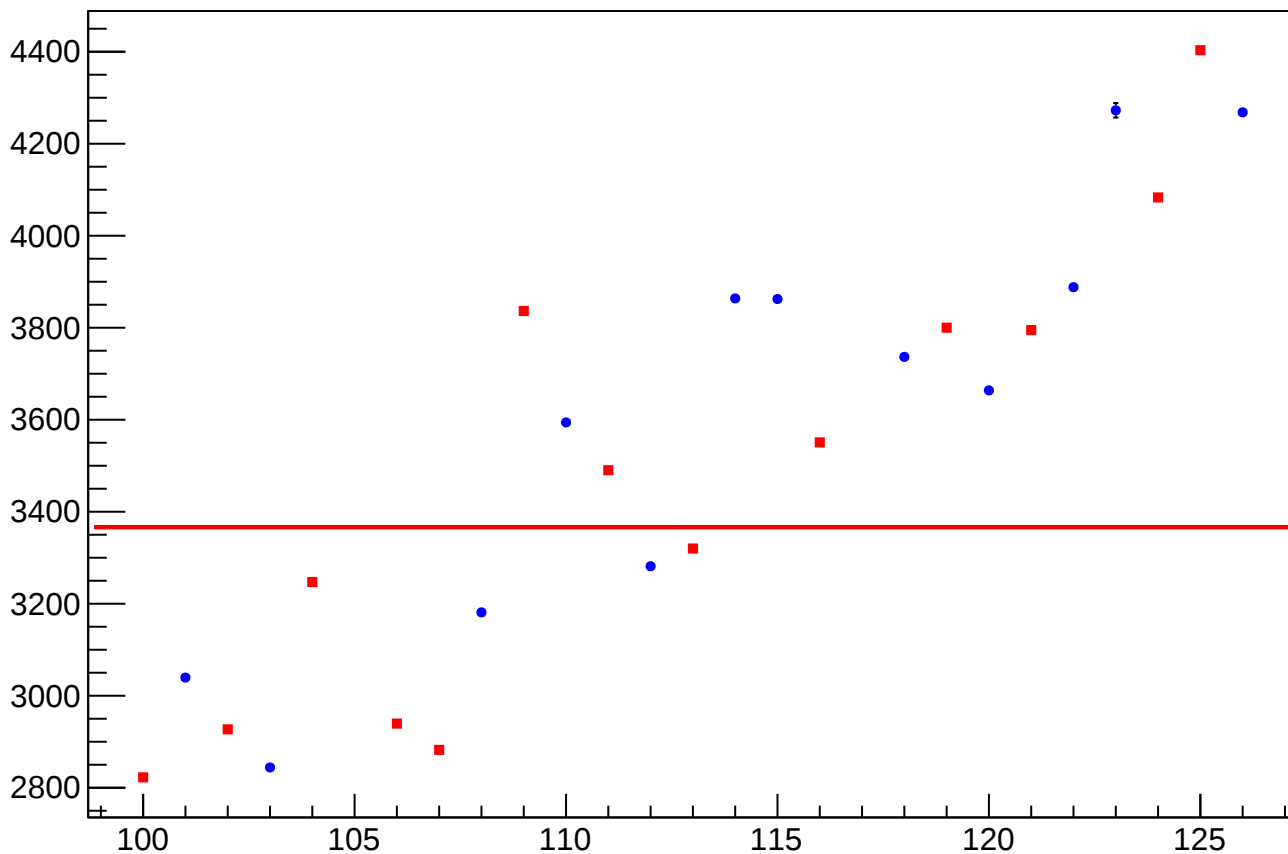
Right: 2.571+/-1.135 χ^2/NDF : 29.0/24

In: 1.569+/-1.662 χ^2/NDF : 17.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.571+/-1.135 χ^2/NDF : 29.0/24

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3366.699+/-1.175 χ^2/NDF : 130292.8/11

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

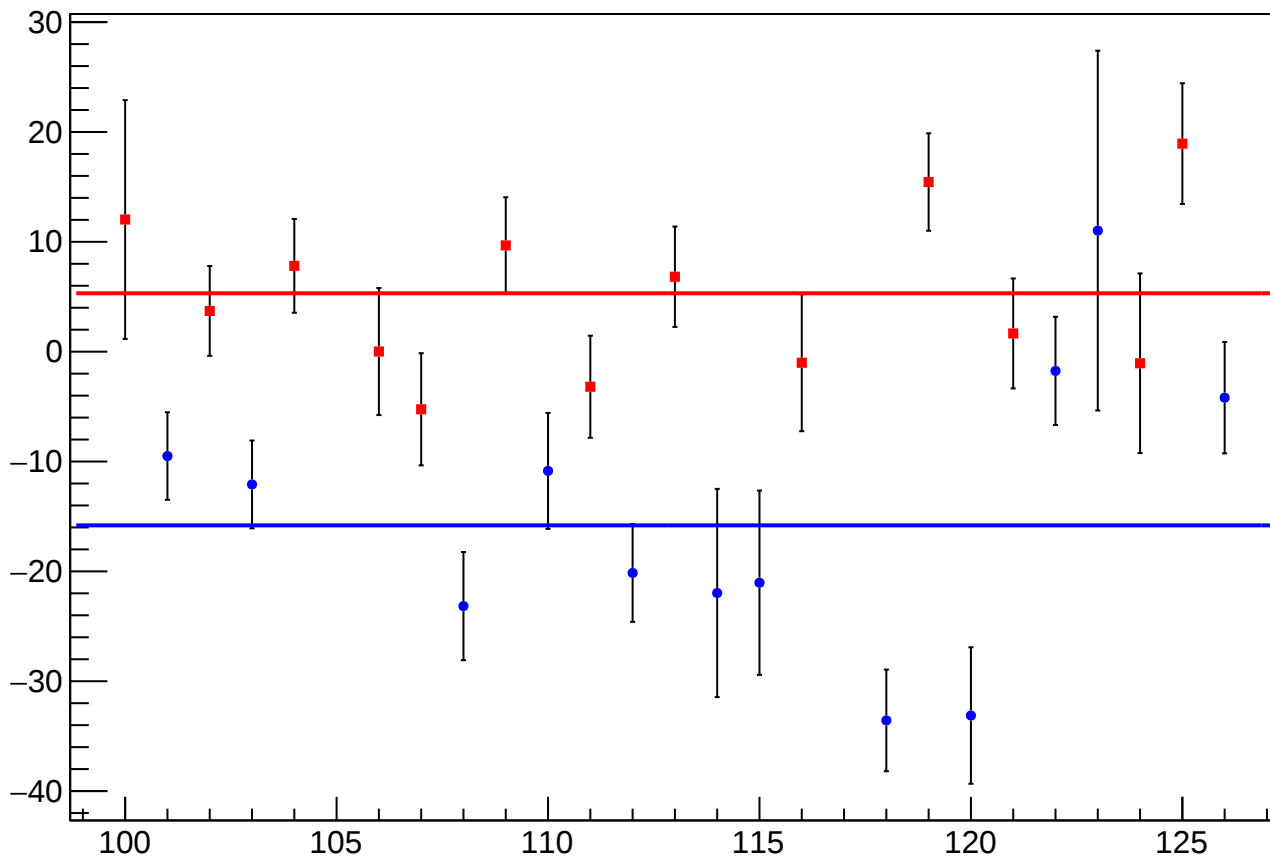
Right: 3366.322+/-0.802 χ^2/NDF : 280261.6/24

In: 3366.699+/-1.175 χ^2/NDF : 130292.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3366.322+/-0.802 χ^2/NDF : 280261.6/24

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -15.812 $\pm$ 1.516 χ^2 /NDF: 46.8/11

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

Right Out: 5.316 $\pm$ 1.411 χ^2 /NDF: 24.0/12

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

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

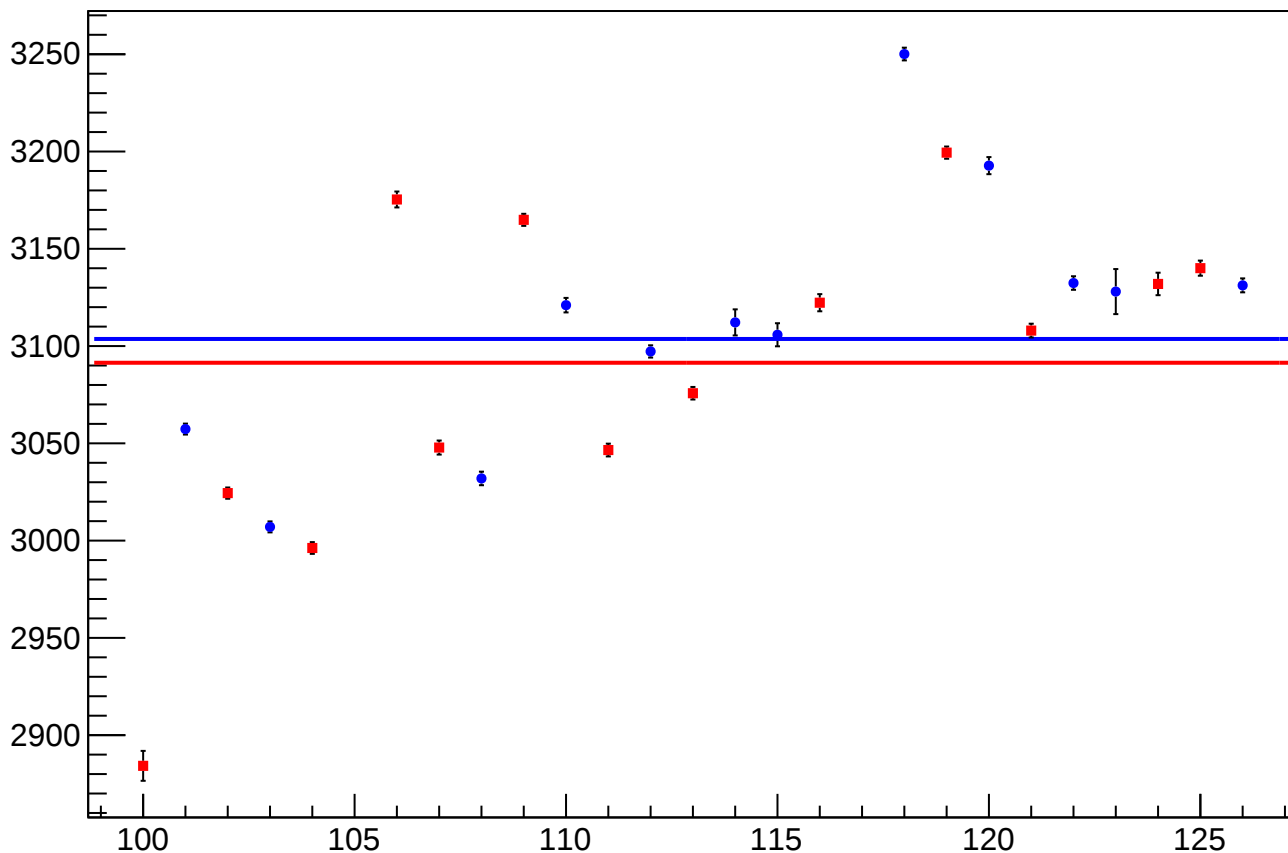
Right: -4.490 $\pm$ 1.033 χ^2 /NDF: 174.8/24

In: -15.812 $\pm$ 1.516 χ^2 /NDF:46.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.490 $\pm$ 1.033 χ^2 /NDF: 174.8/24

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3103.649+/-1.072 χ^2/NDF : 4436.7/11

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

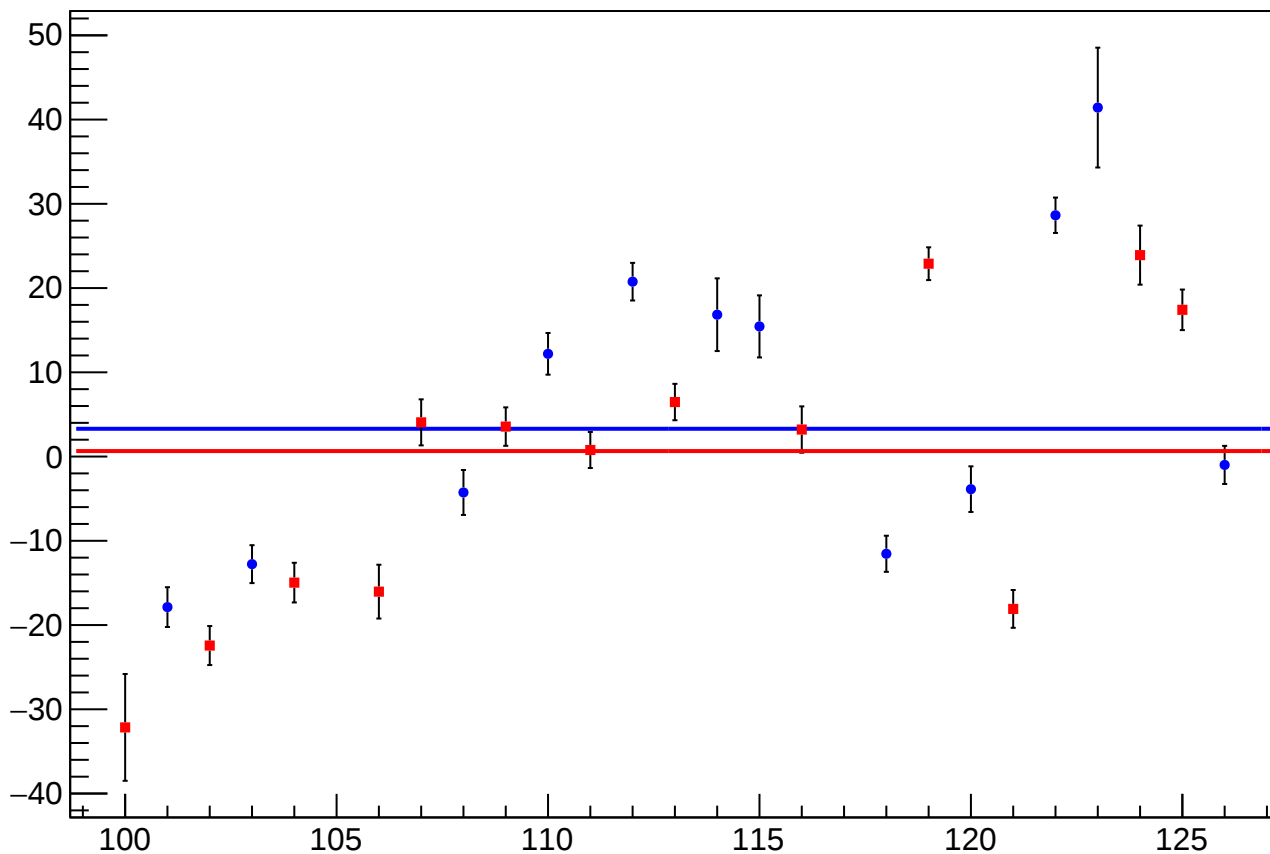
Right: 3097.097+/-0.730 χ^2/NDF : 9564.9/24

In: 3103.649+/-1.072 χ^2/NDF : 4436.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3097.097+/-0.730 χ^2/NDF : 9564.9/24

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 3.298+/-0.744 χ^2/NDF : 467.2/11

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

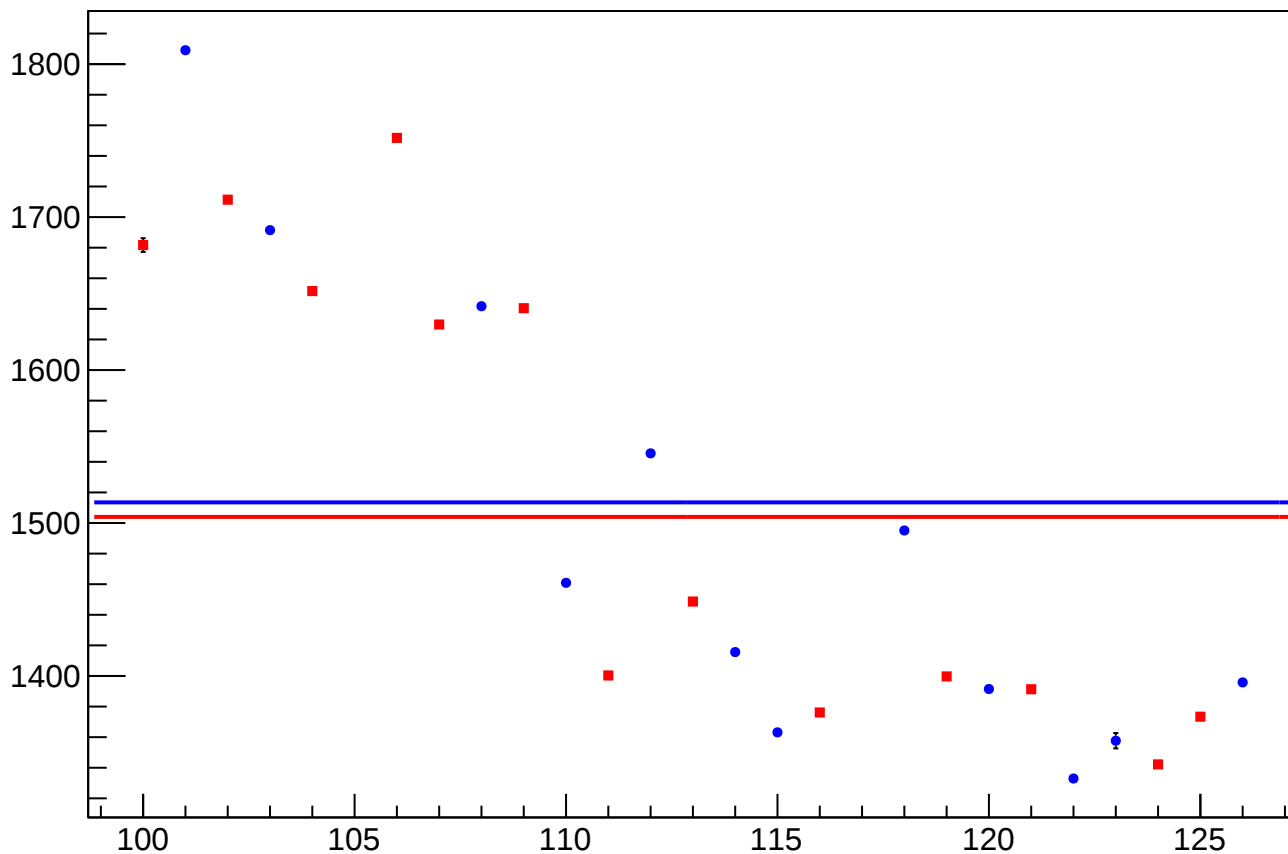
Right: 1.876+/-0.506 χ^2/NDF : 975.8/24

In: 3.298+/-0.744 χ^2/NDF :467.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.876+/-0.506 χ^2/NDF : 975.8/24

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1513.496+/-0.526 χ^2/NDF : 79498.3/11

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

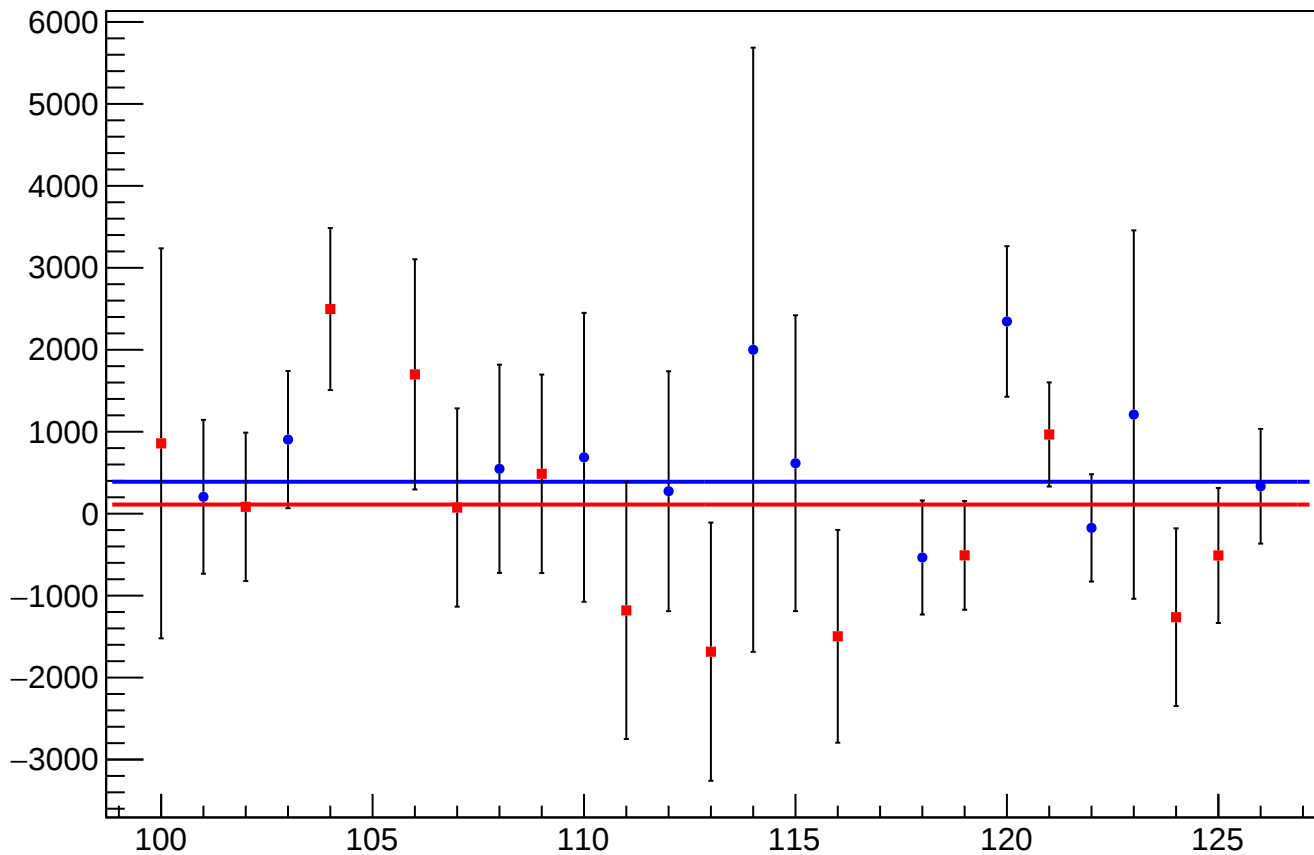
Right: 1508.386+/-0.358 χ^2/NDF : 159876.2/24

In: 1513.496+/-0.526 χ^2/NDF : 79498.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1508.386+/-0.358 χ^2/NDF : 159876.2/24

asym_sam1_mean vs Slug, Sign Corrected



Right In: 389.455+/-286.631 χ^2/NDF : 7.8/11

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

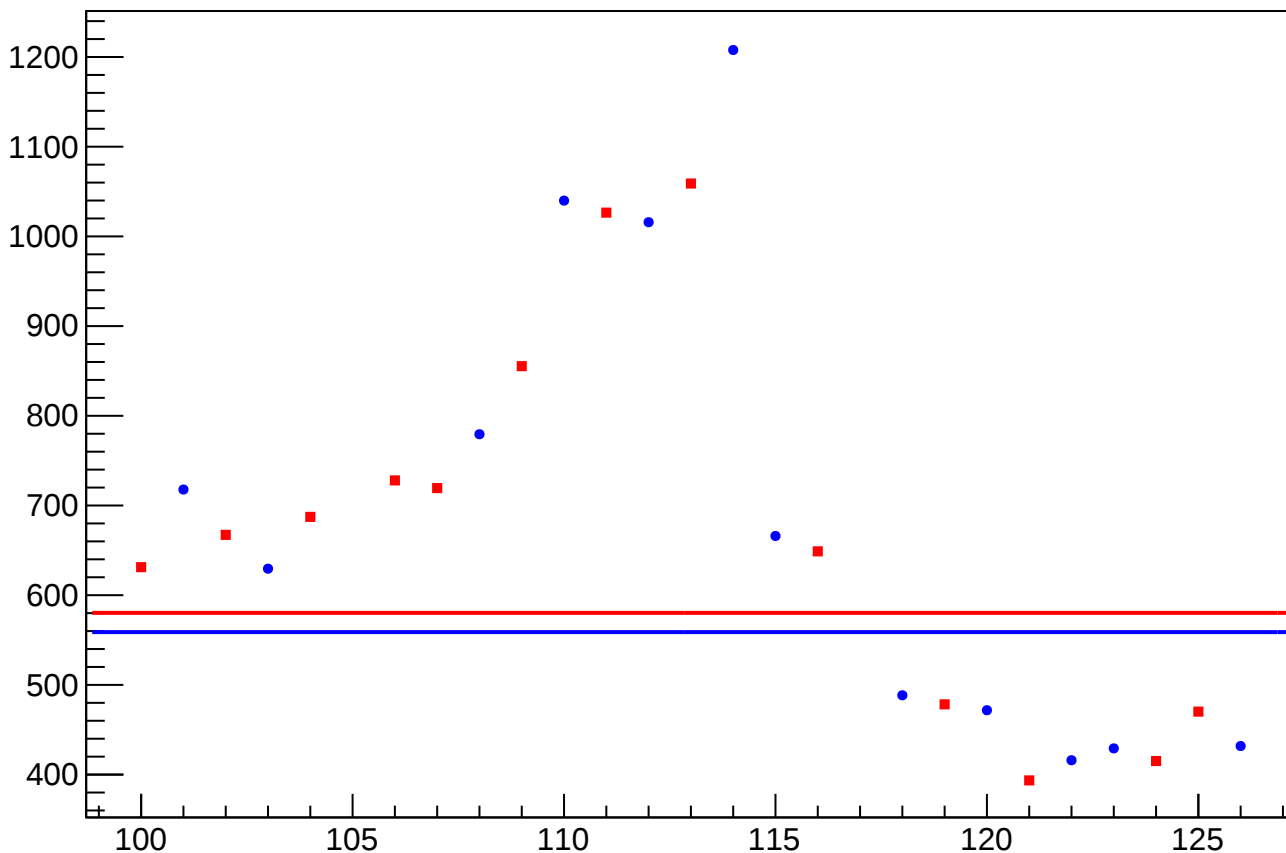
Right: 247.195+/-200.249 χ^2/NDF : 24.0/24

In: 389.455+/-286.631 χ^2/NDF : 7.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 247.195+/-200.249 χ^2/NDF : 24.0/24

asym_sam1_rms vs Slug, Sign Corrected



Right In: 558.846+/-0.203 χ^2/NDF : 750914.1/11

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

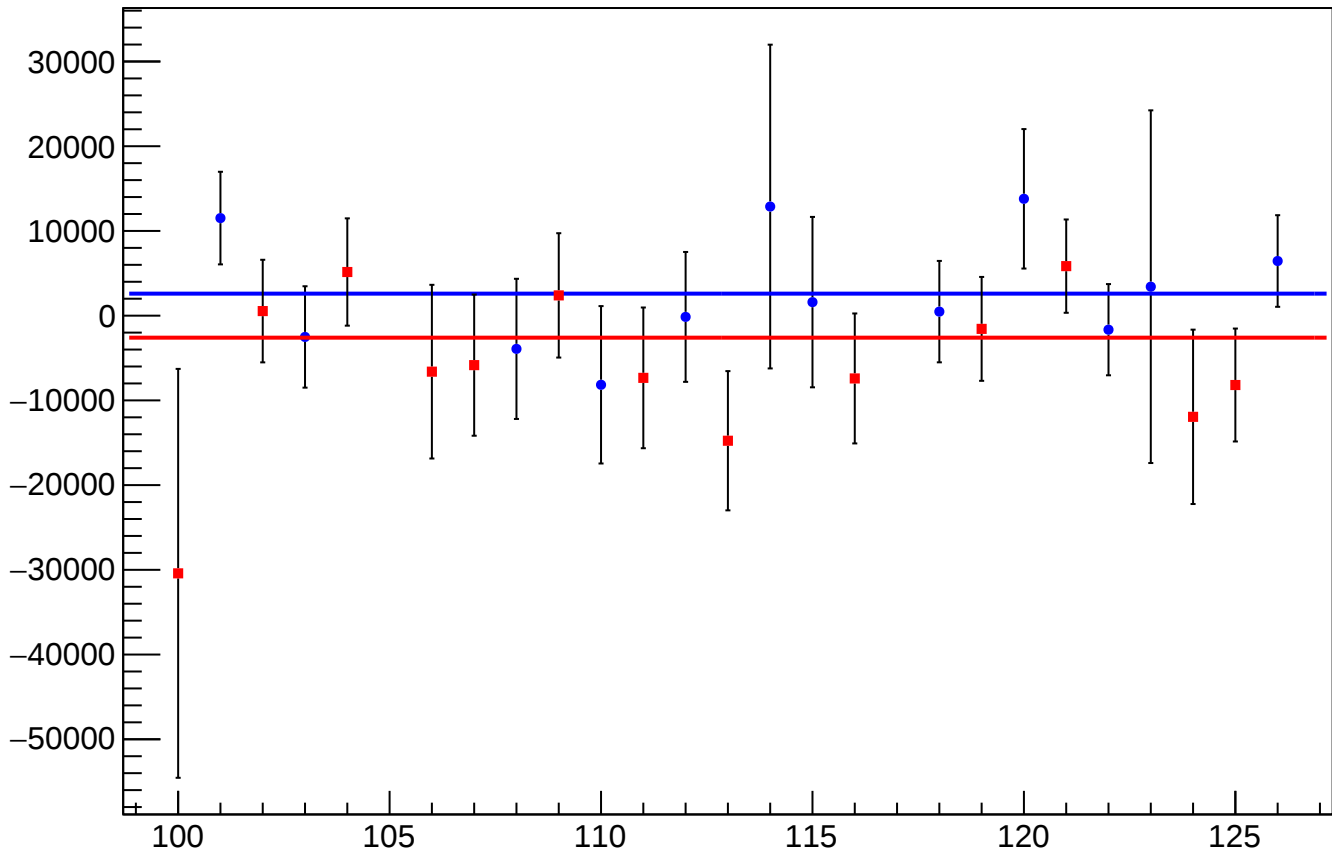
Right: 569.822+/-0.142 χ^2/NDF : 1605321.8/24

In: 558.846+/-0.203 χ^2/NDF : 750914.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 569.822+/-0.142 χ^2/NDF : 1605321.8/24

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2599.772 $\pm$ 2080.882 χ^2 /NDF: 8.9/11

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

Right Out: -2597.043 $\pm$ 2066.178 χ^2 /NDF: 10.7/12

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

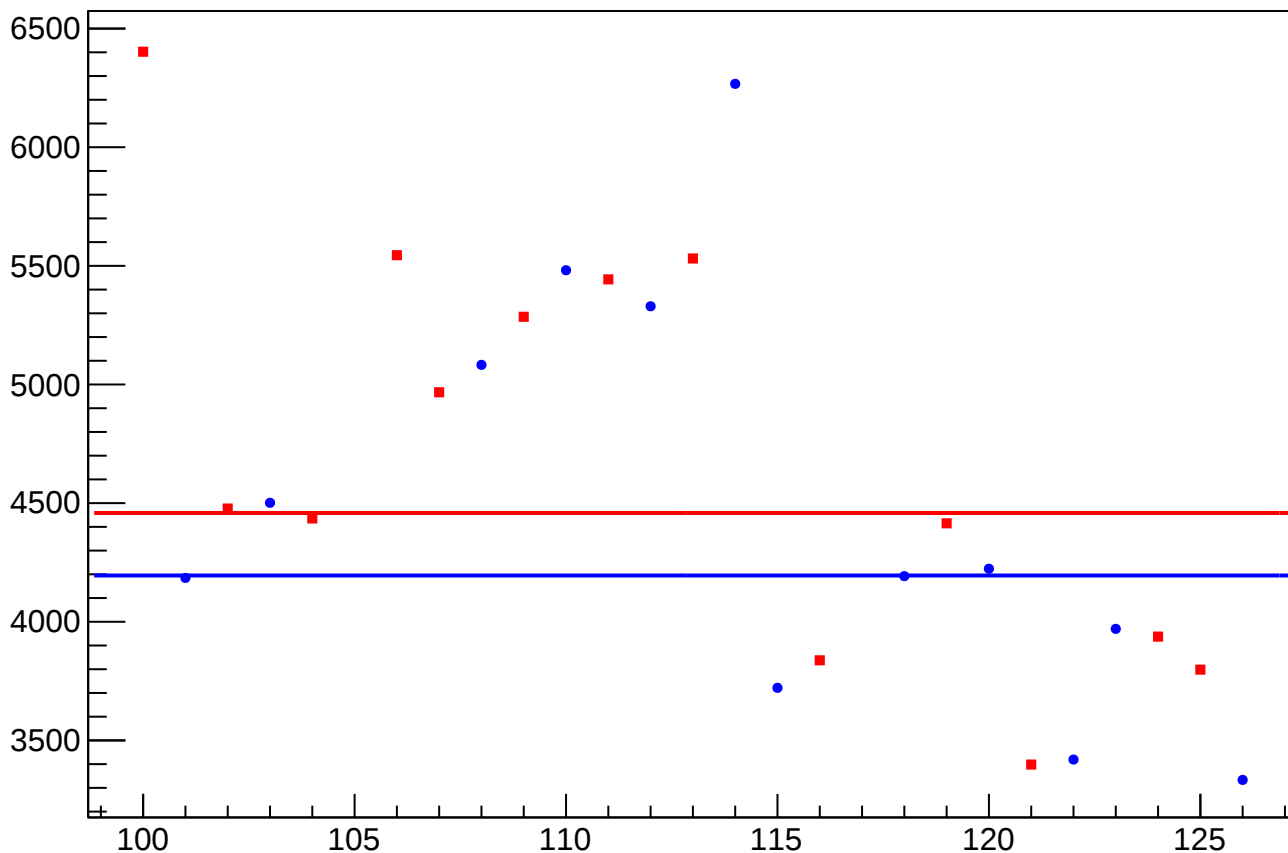
Right: -17.061 $\pm$ 1466.180 χ^2 /NDF: 22.7/24

In: 2599.772 $\pm$ 2080.882 χ^2 /NDF:8.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -17.061 $\pm$ 1466.180 χ^2 /NDF: 22.7/24

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4195.032+/-1.471 χ^2/NDF : 230970.0/11

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

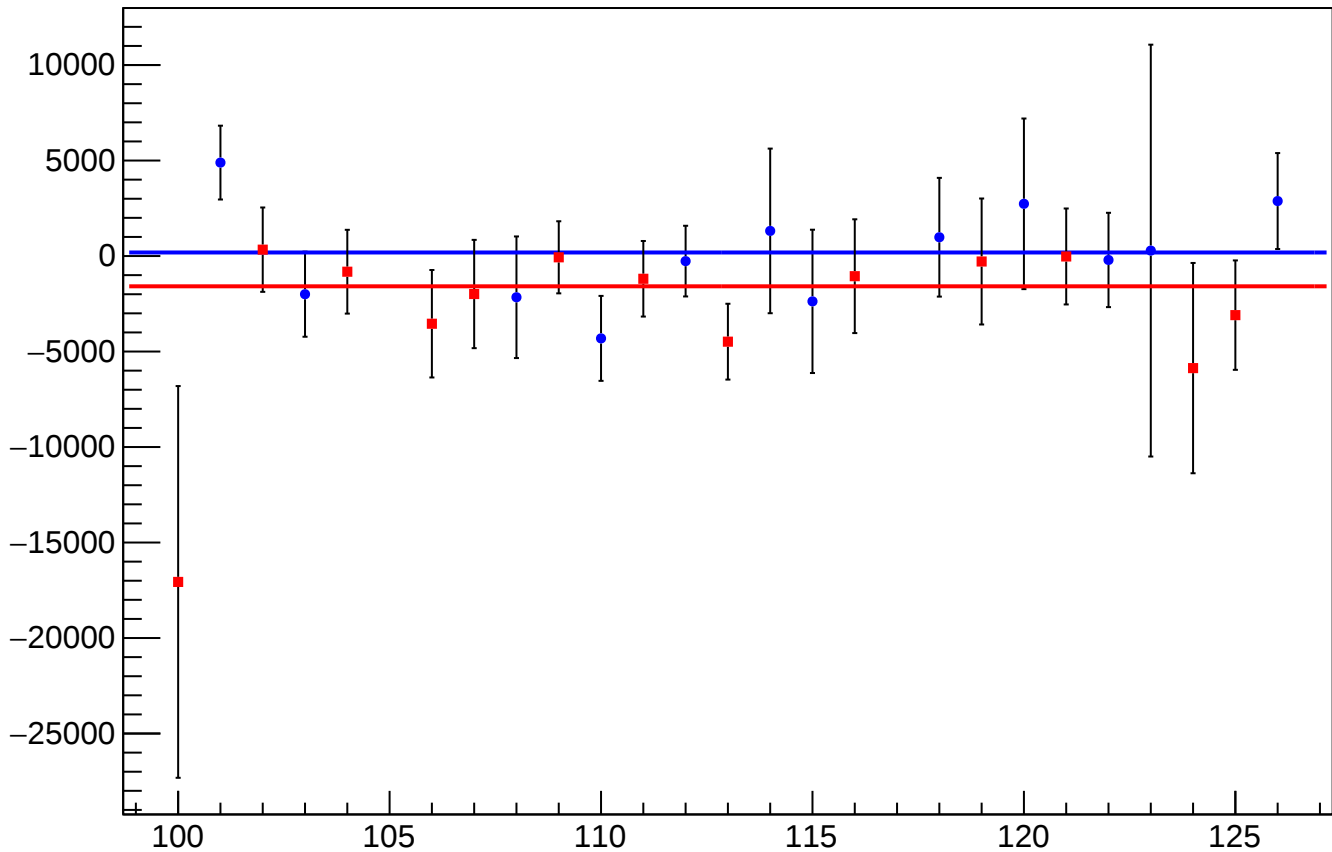
Right: 4327.673+/-1.037 χ^2/NDF : 489718.6/24

In: 4195.032+/-1.471 χ^2/NDF : 230970.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4327.673+/-1.037 χ^2/NDF : 489718.6/24

asym_sam3_mean vs Slug, Sign Corrected



Right In: 186.481+/-773.434 χ^2/NDF : 13.7/11

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

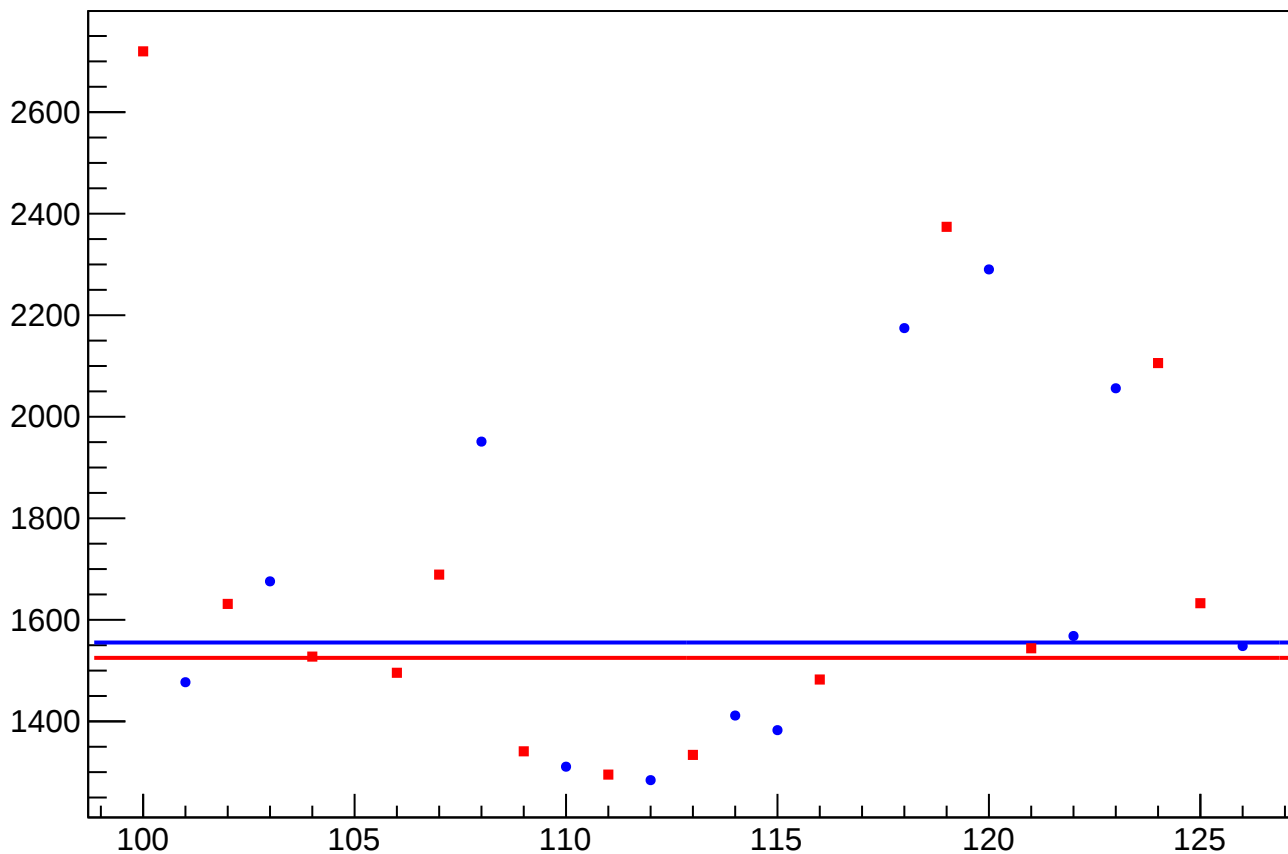
Right: -774.144+/-523.221 χ^2/NDF : 24.5/24

In: 186.481+/-773.434 χ^2/NDF : 13.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -774.144+/-523.221 χ^2/NDF : 24.5/24

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1555.336+/-0.547 χ^2/NDF : 251500.0/11

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

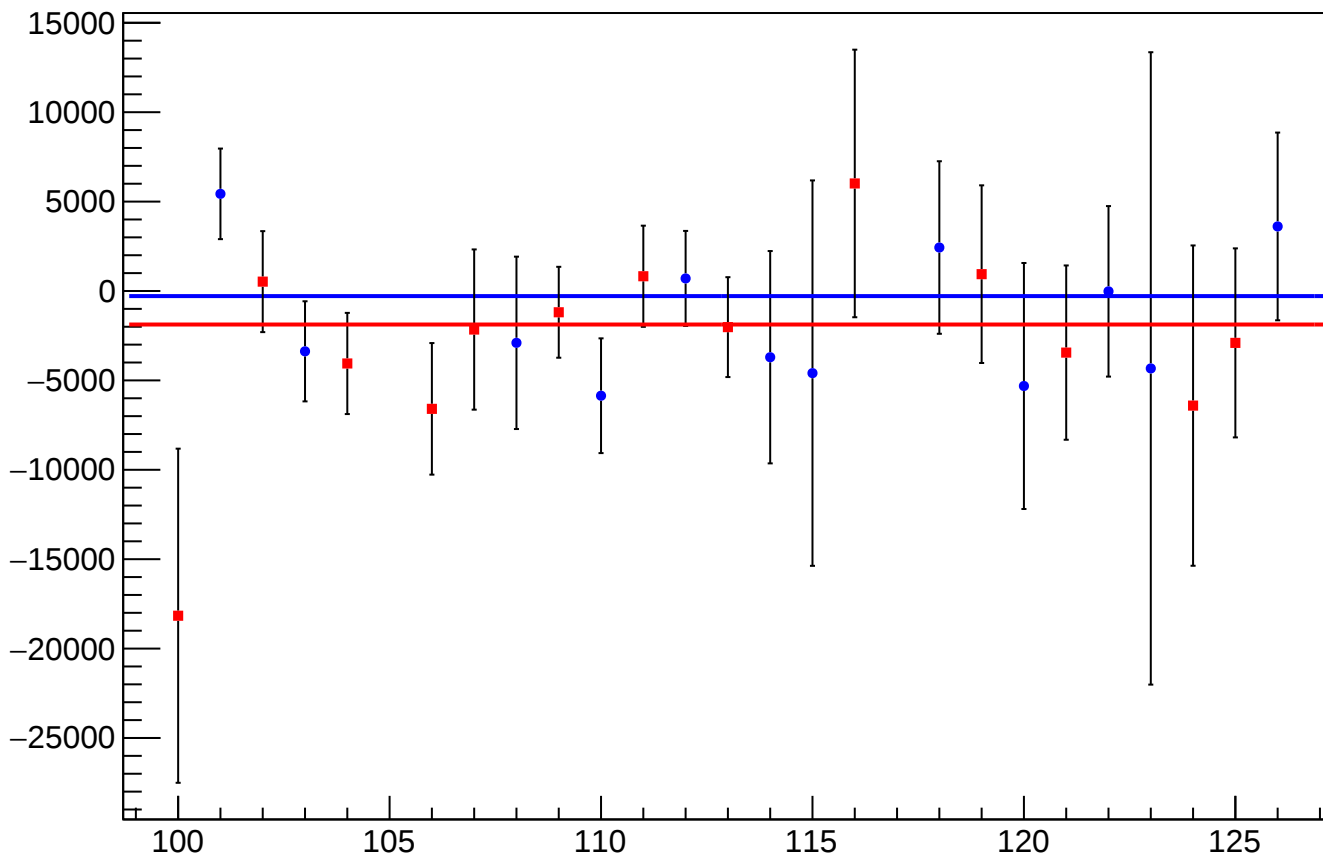
Right: 1538.926+/-0.370 χ^2/NDF : 514593.0/24

In: 1555.336+/-0.547 χ^2/NDF : 251500.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1538.926+/-0.370 χ^2/NDF : 514593.0/24

asym_sam4_mean vs Slug, Sign Corrected



Right In: -285.152+/-1154.910 χ^2/NDF : 11.7/11

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

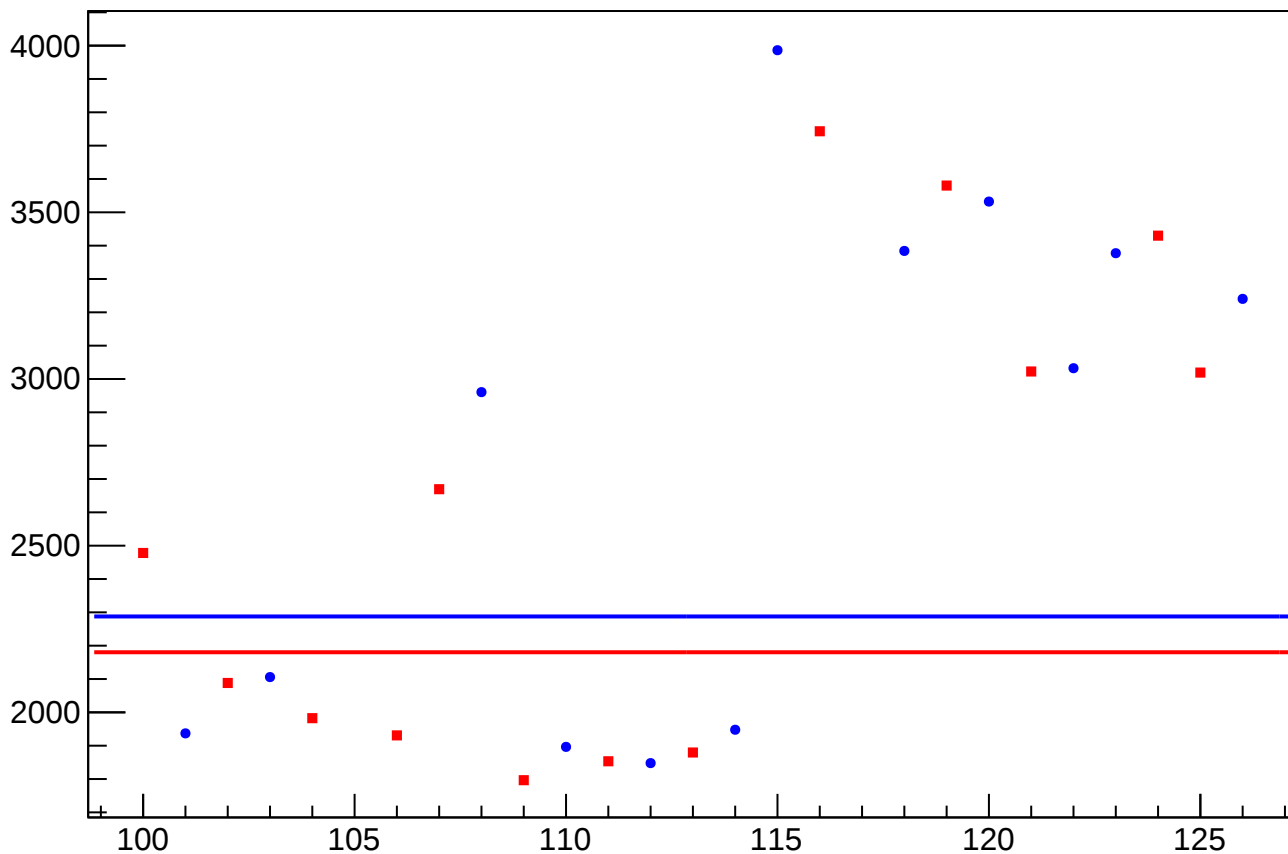
Right: -1170.336+/-768.842 χ^2/NDF : 21.6/24

In: -285.152+/-1154.910 χ^2/NDF :11.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1170.336+/-768.842 χ^2/NDF : 21.6/24

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2287.653+/-0.817 χ^2/NDF : 517514.8/11

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

Right Out: 2180.283+/-0.729 χ^2/NDF : 537526.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

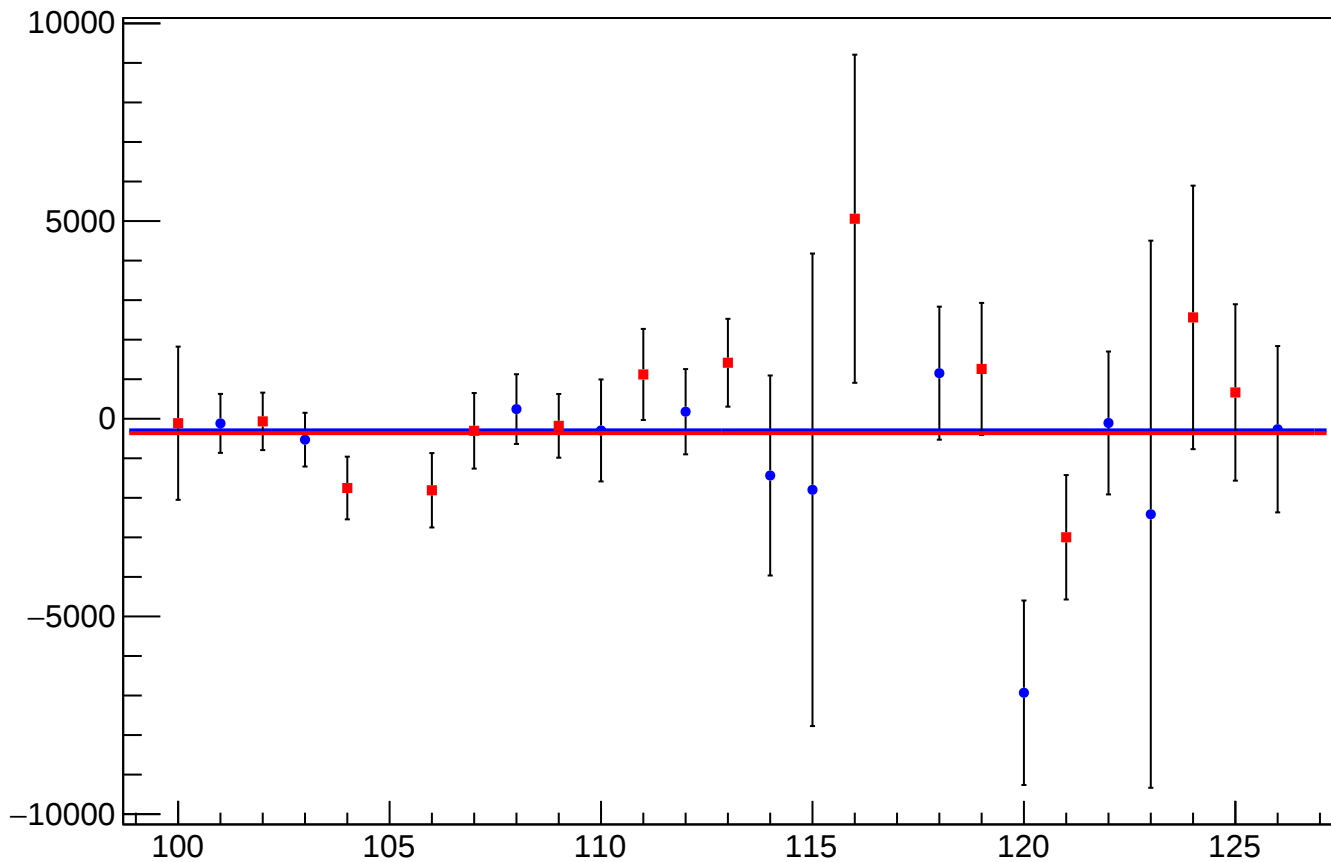
Right: 2227.867+/-0.544 χ^2/NDF : 1064666.2/24

In: 2287.653+/-0.817 χ^2/NDF : 517514.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2227.867+/-0.544 χ^2/NDF : 1064666.2/24

asym_sam5_mean vs Slug, Sign Corrected



Right In: -294.272 ± 353.888 χ^2/NDF : 9.9/11

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

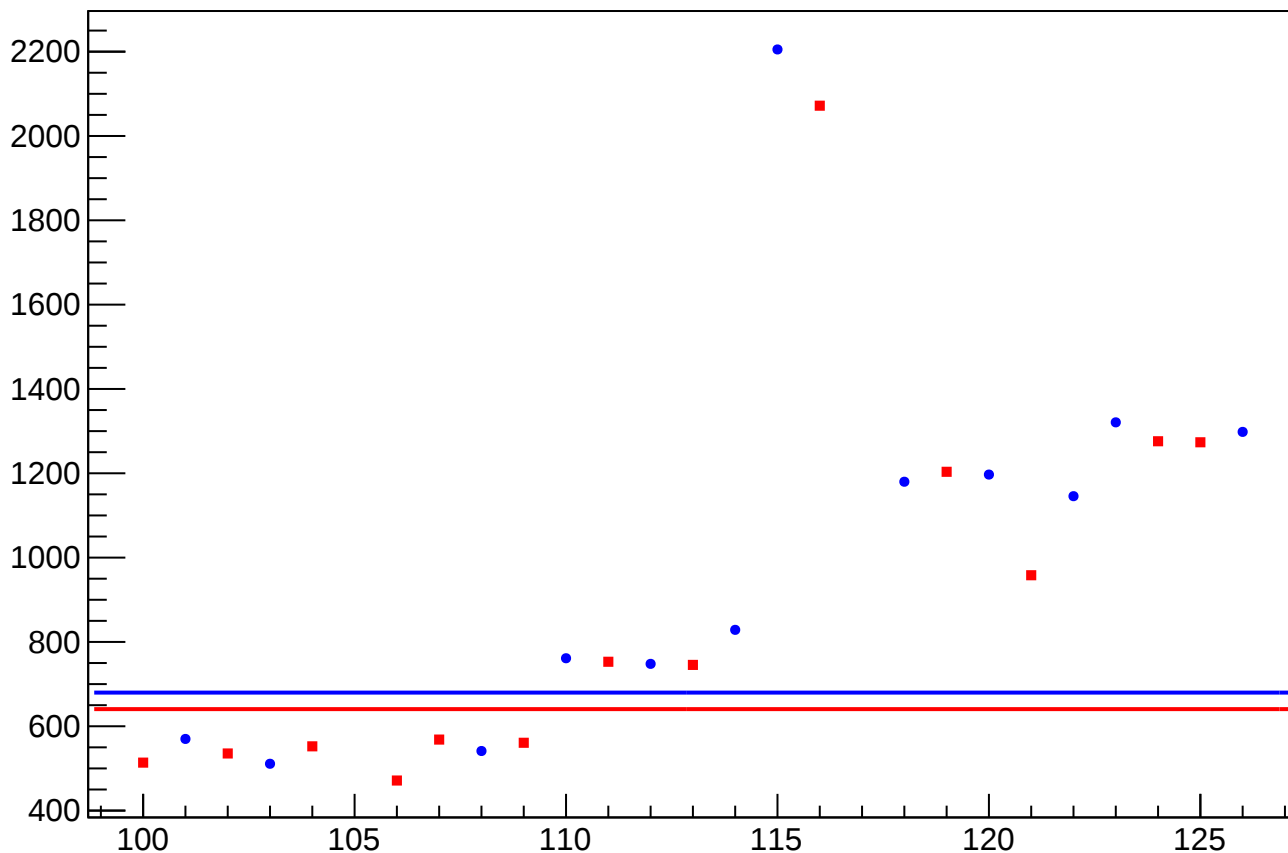
Right: -333.241 ± 234.552 χ^2/NDF : 26.3/24

In: -294.272 ± 353.888 χ^2/NDF : 9.9/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -333.241 ± 234.552 χ^2/NDF : 26.3/24

asym_sam5_rms vs Slug, Sign Corrected



Right In: 679.849+/-0.250 χ^2/NDF : 967245.0/11

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

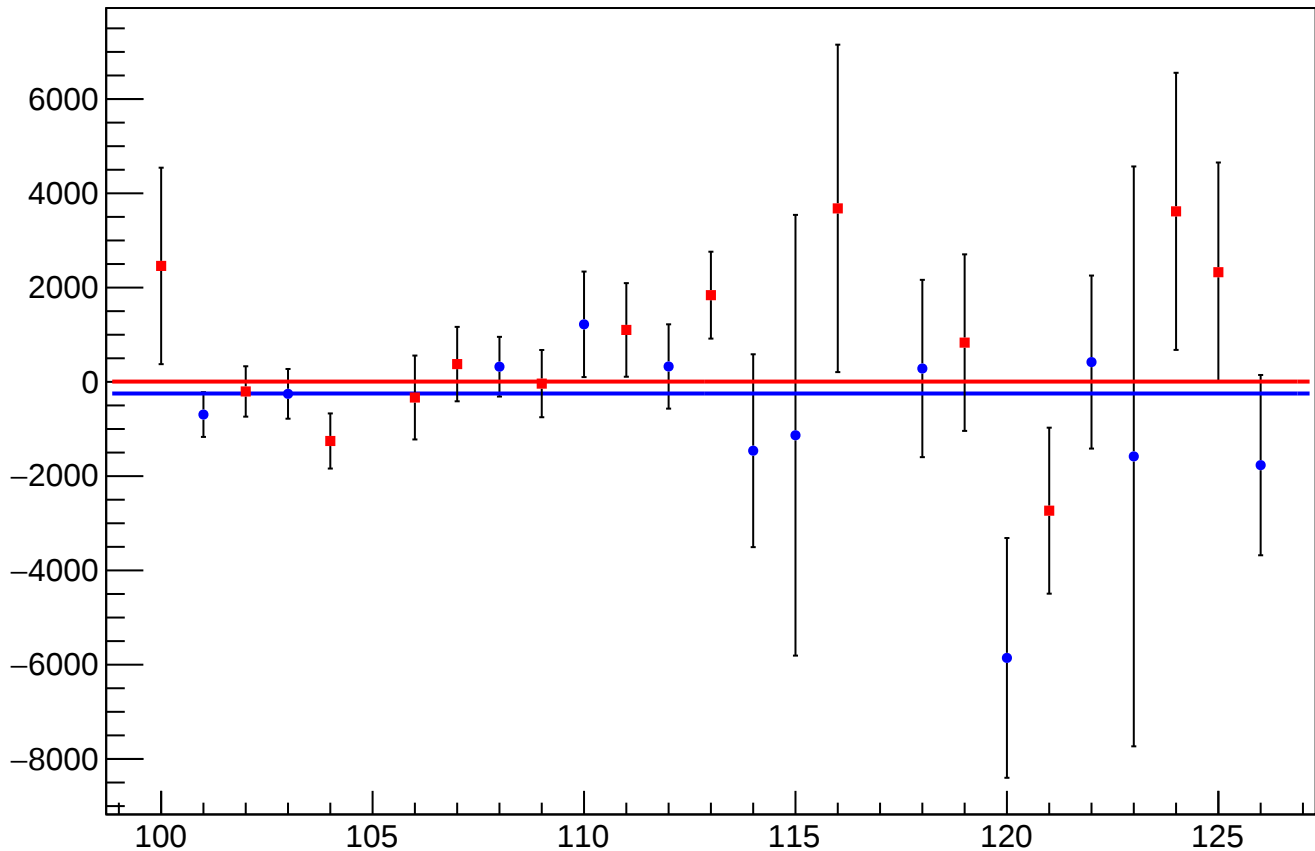
Right: 657.877+/-0.166 χ^2/NDF : 1968973.5/24

In: 679.849+/-0.250 χ^2/NDF : 967245.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 657.877+/-0.166 χ^2/NDF : 1968973.5/24

asym_sam6_mean vs Slug, Sign Corrected



Right In: -246.967 ± 268.274 $\chi^2/\text{NDF}: 10.0/11$

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

Right Out: 6.161 ± 261.077 $\chi^2/\text{NDF}: 18.0/12$

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

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

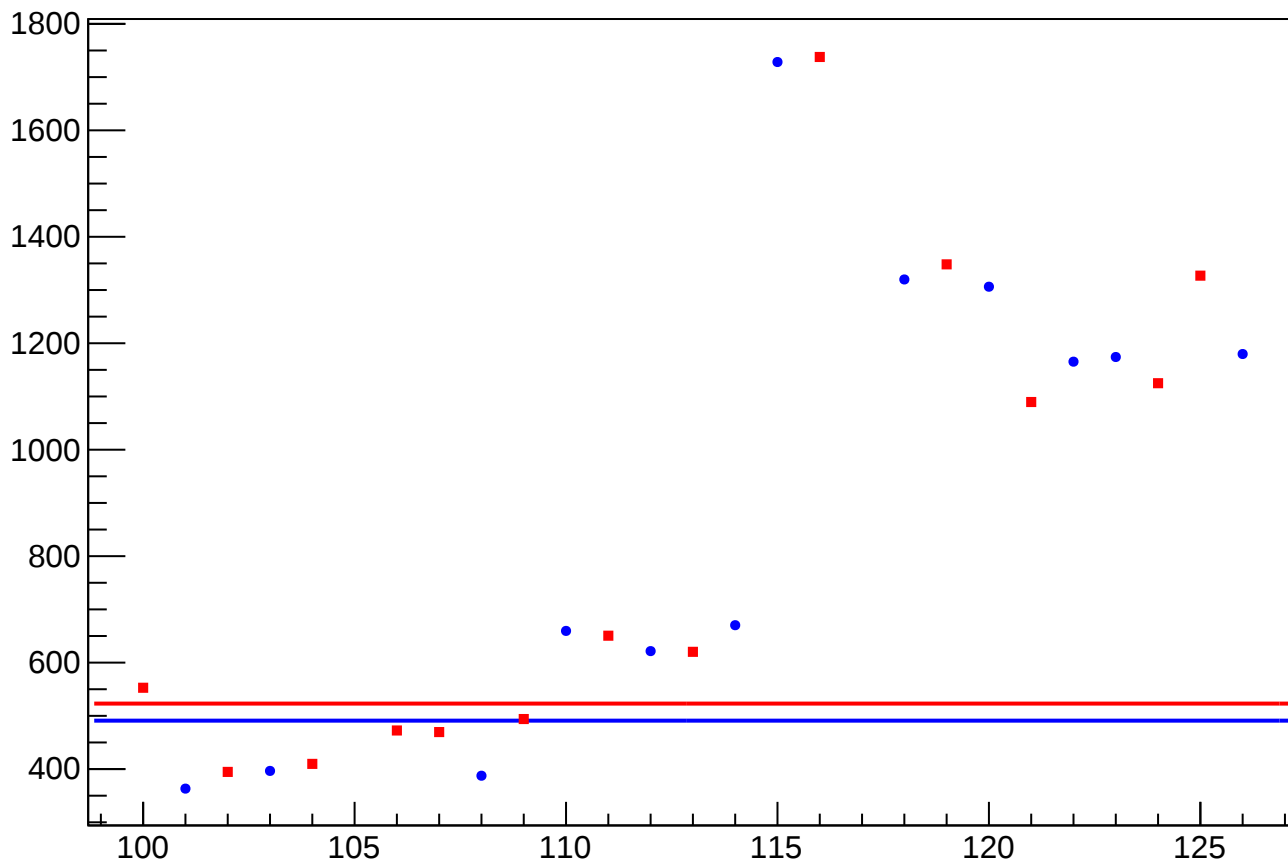
Right: -116.962 ± 187.102 $\chi^2/\text{NDF}: 28.4/24$

In: -246.967 ± 268.274 $\chi^2/\text{NDF}: 10.0/11$

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

All: -116.962 ± 187.102 $\chi^2/\text{NDF}: 28.4/24$

asym_sam6_rms vs Slug, Sign Corrected



Right In: 490.980+/-0.190 χ^2/NDF : 1653808.2/11

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

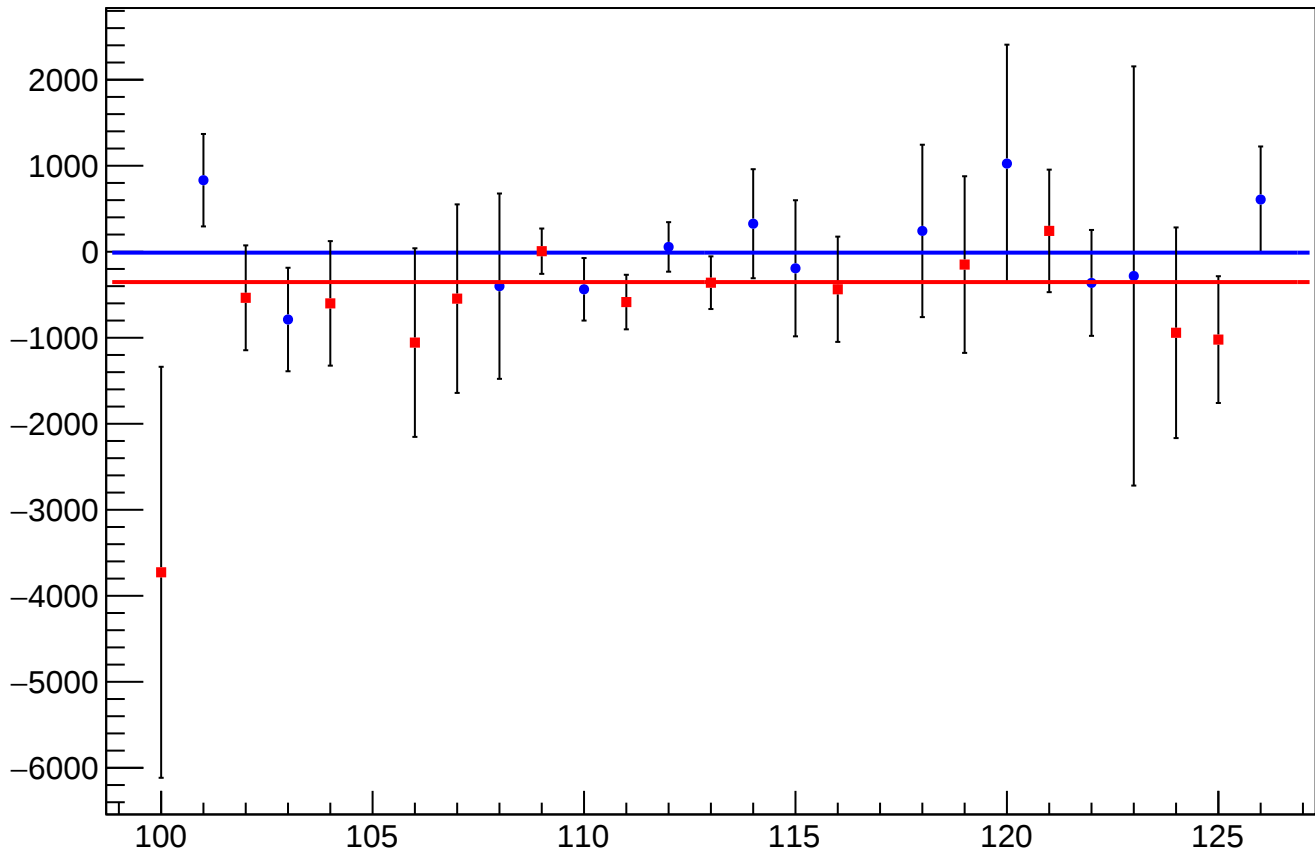
Right: 507.443+/-0.132 χ^2/NDF : 3096018.2/24

In: 490.980+/-0.190 χ^2/NDF : 1653808.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 507.443+/-0.132 χ^2/NDF : 3096018.2/24

asym_sam7_mean vs Slug, Sign Corrected



Right In: -10.412 ± 162.739 χ^2/NDF : 8.0/11

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

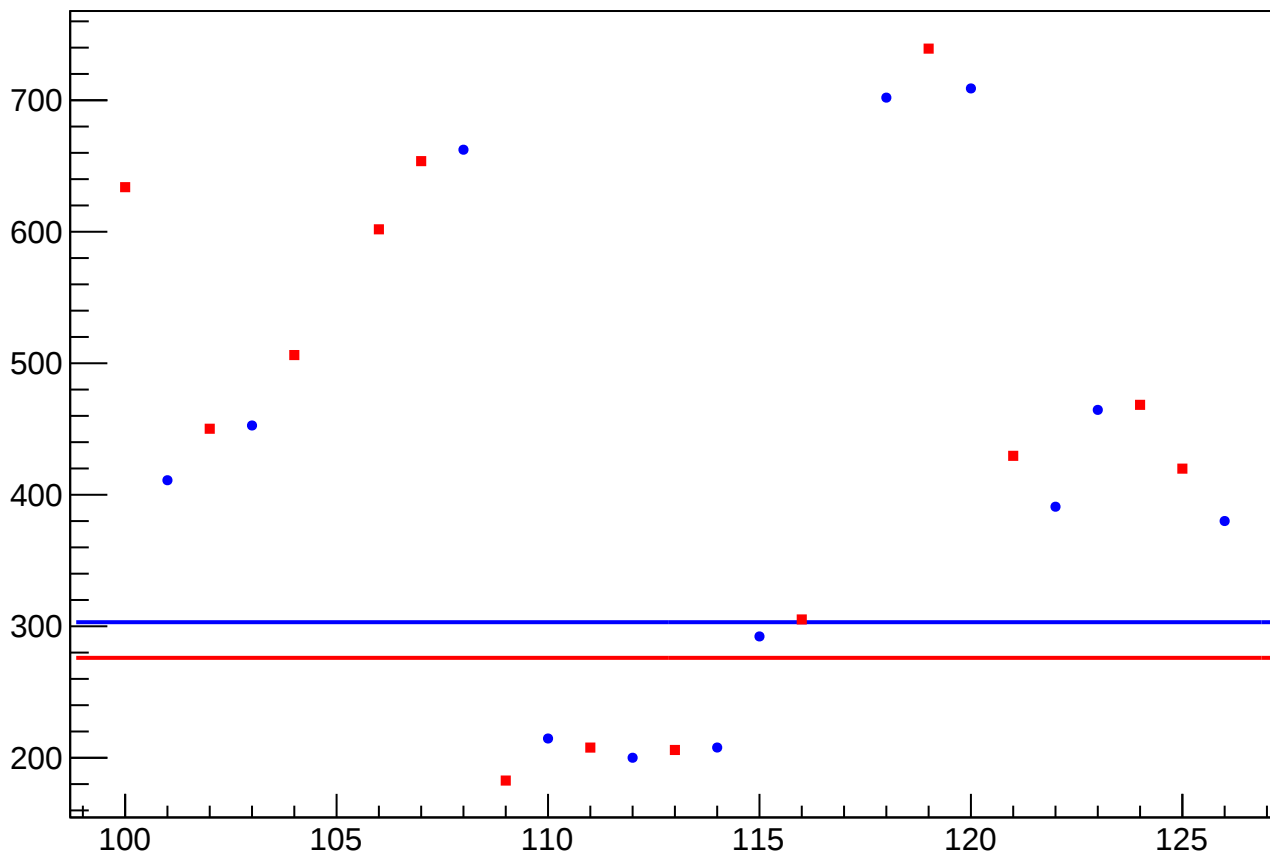
Right: -204.599 ± 107.019 χ^2/NDF : 17.3/24

In: -10.412 ± 162.739 χ^2/NDF : 8.0/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -204.599 ± 107.019 χ^2/NDF : 17.3/24

asym_sam7_rms vs Slug, Sign Corrected



Right In: 303.108+/-0.115 χ^2/NDF : 1416863.7/11

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

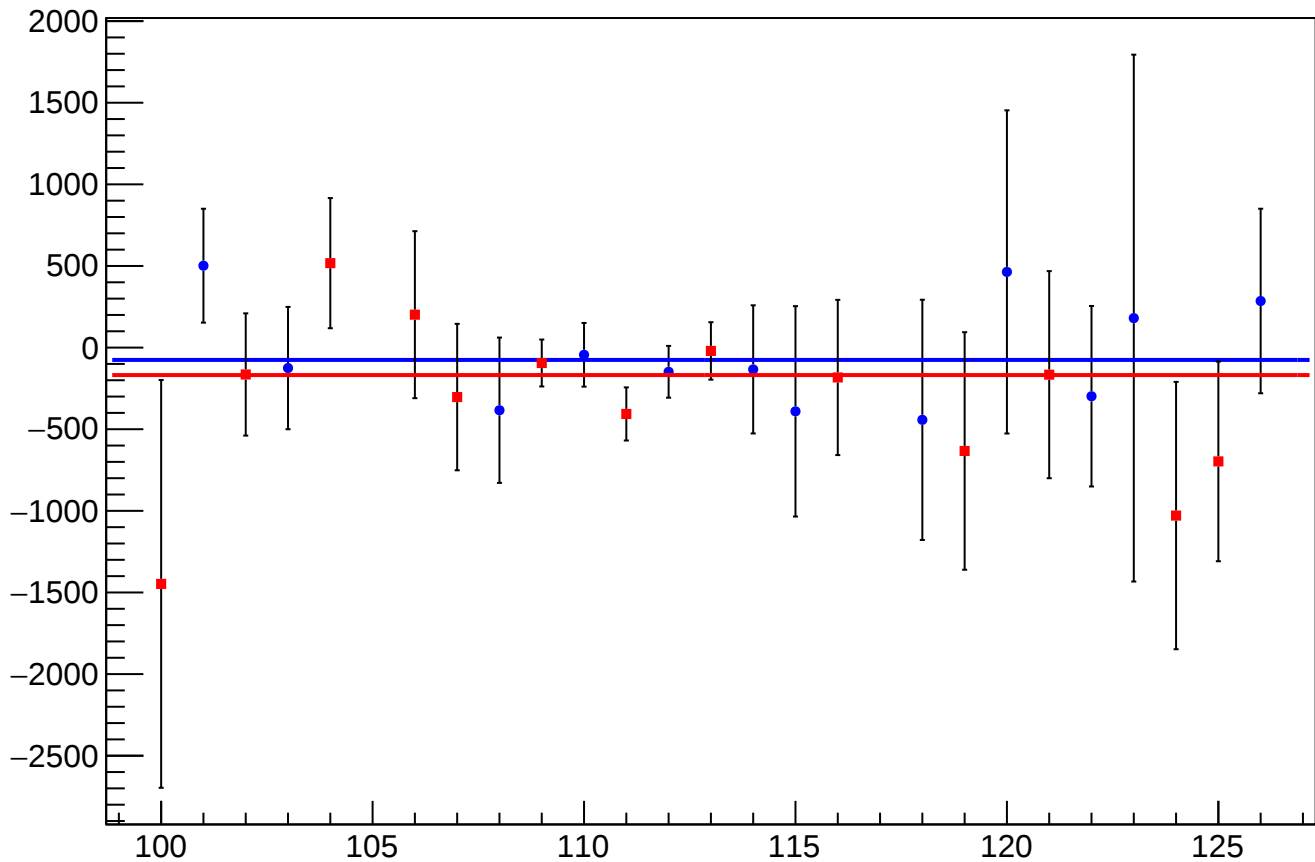
Right: 287.723+/-0.076 χ^2/NDF : 3351391.4/24

In: 303.108+/-0.115 χ^2/NDF : 1416863.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 287.723+/-0.076 χ^2/NDF : 3351391.4/24

asym_sam8_mean vs Slug, Sign Corrected



Right In: -75.471+/-97.599 χ^2/NDF : 4.9/11

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

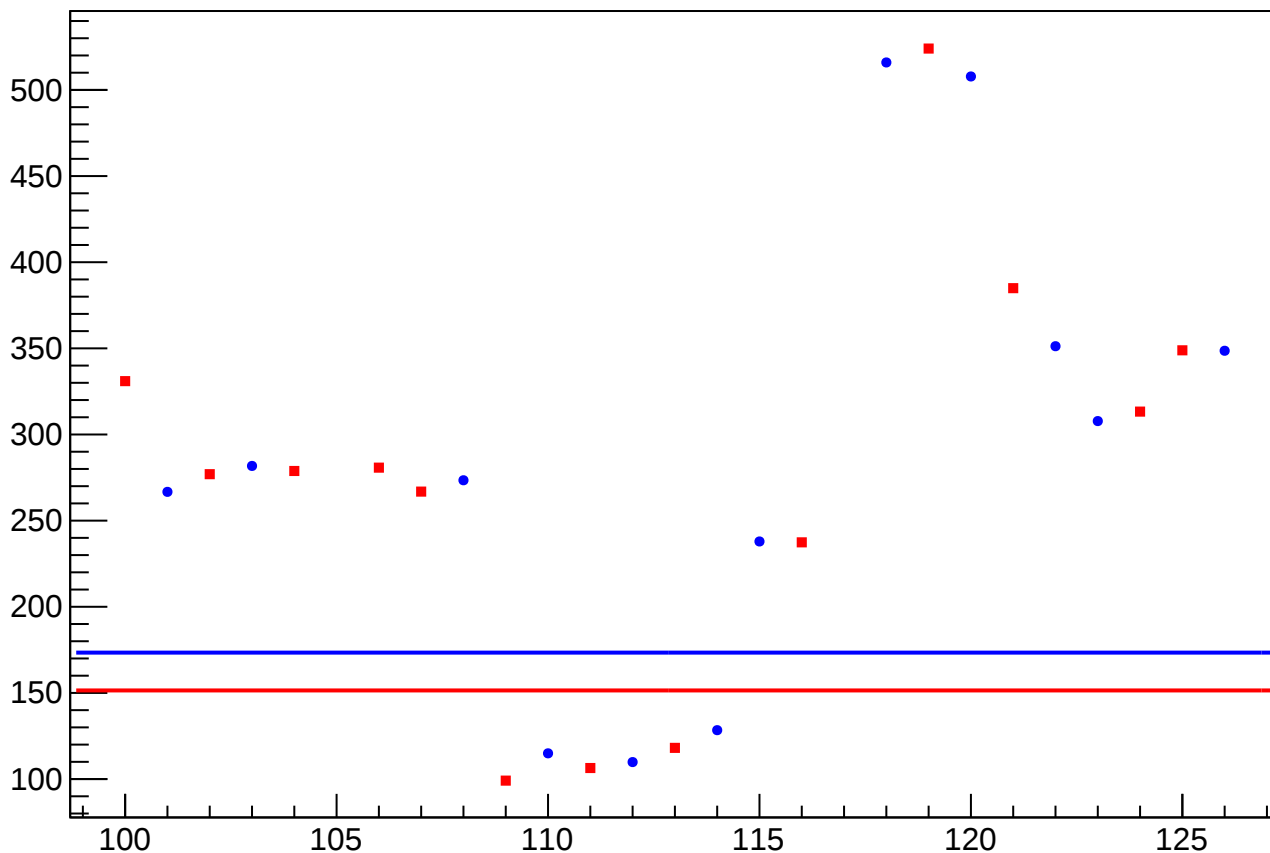
Right: -130.690+/-62.098 χ^2/NDF : 15.4/24

In: -75.471+/-97.599 χ^2/NDF :4.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -130.690+/-62.098 χ^2/NDF : 15.4/24

asym_sam8_rms vs Slug, Sign Corrected



Right In: 173.397+/-0.069 χ^2/NDF : 2033234.1/11

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

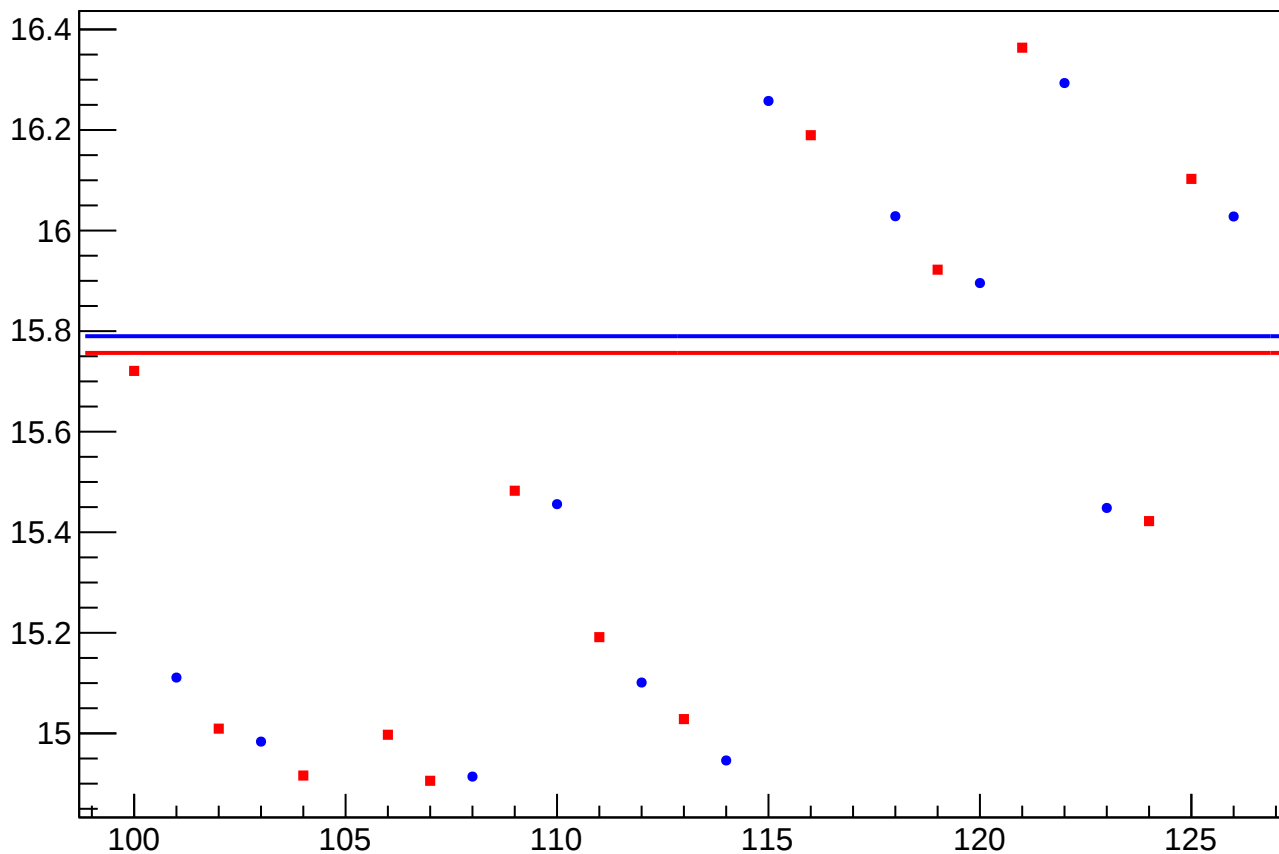
Right: 160.330+/-0.044 χ^2/NDF : 4461839.1/24

In: 173.397+/-0.069 χ^2/NDF : 2033234.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.330+/-0.044 χ^2/NDF : 4461839.1/24

yield_sam1_mean vs Slug, Sign Corrected



Right In: 15.790+/-0.000 χ^2/NDF : 3154735918.5/11

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

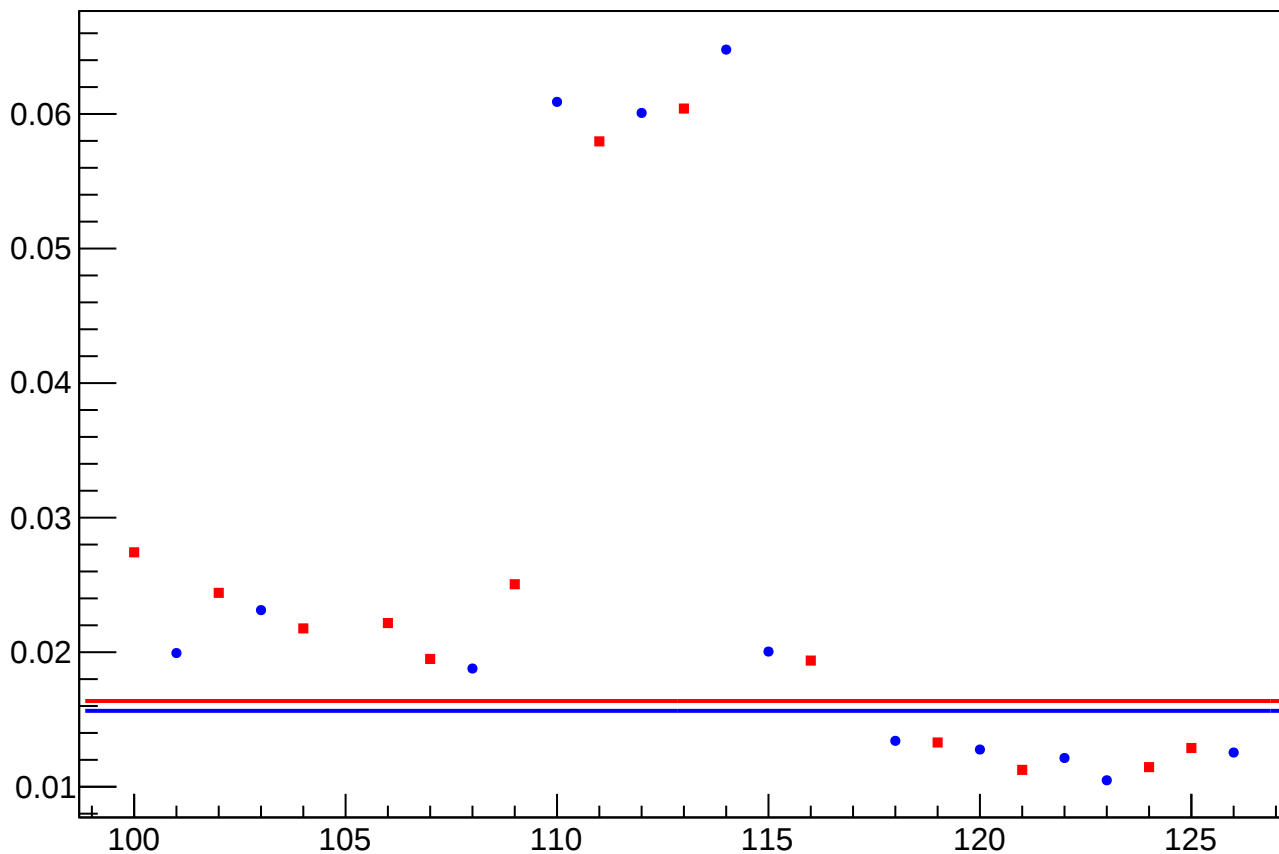
Right: 15.773+/-0.000 χ^2/NDF : 6907330938.8/24

In: 15.790+/-0.000 χ^2/NDF : 3154735918.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.773+/-0.000 χ^2/NDF : 6907330938.8/24

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 1330636.0/11

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

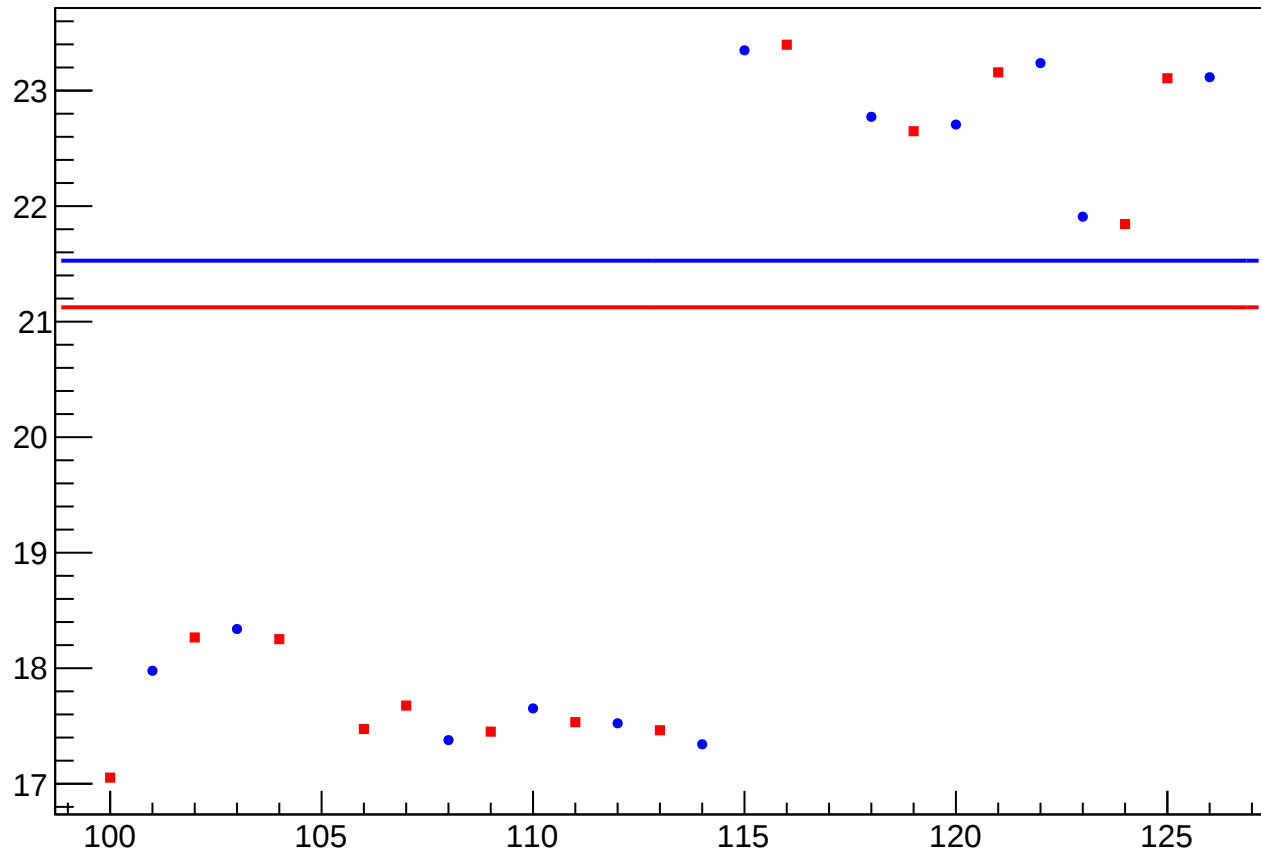
Right: 0.016+/-0.000 χ^2/NDF : 2841123.4/24

In: 0.016+/-0.000 χ^2/NDF : 1330636.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 2841123.4/24

yield_sam2_mean vs Slug, Sign Corrected



Right In: 21.528+/-0.000 χ^2/NDF : 771334295.1/11

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

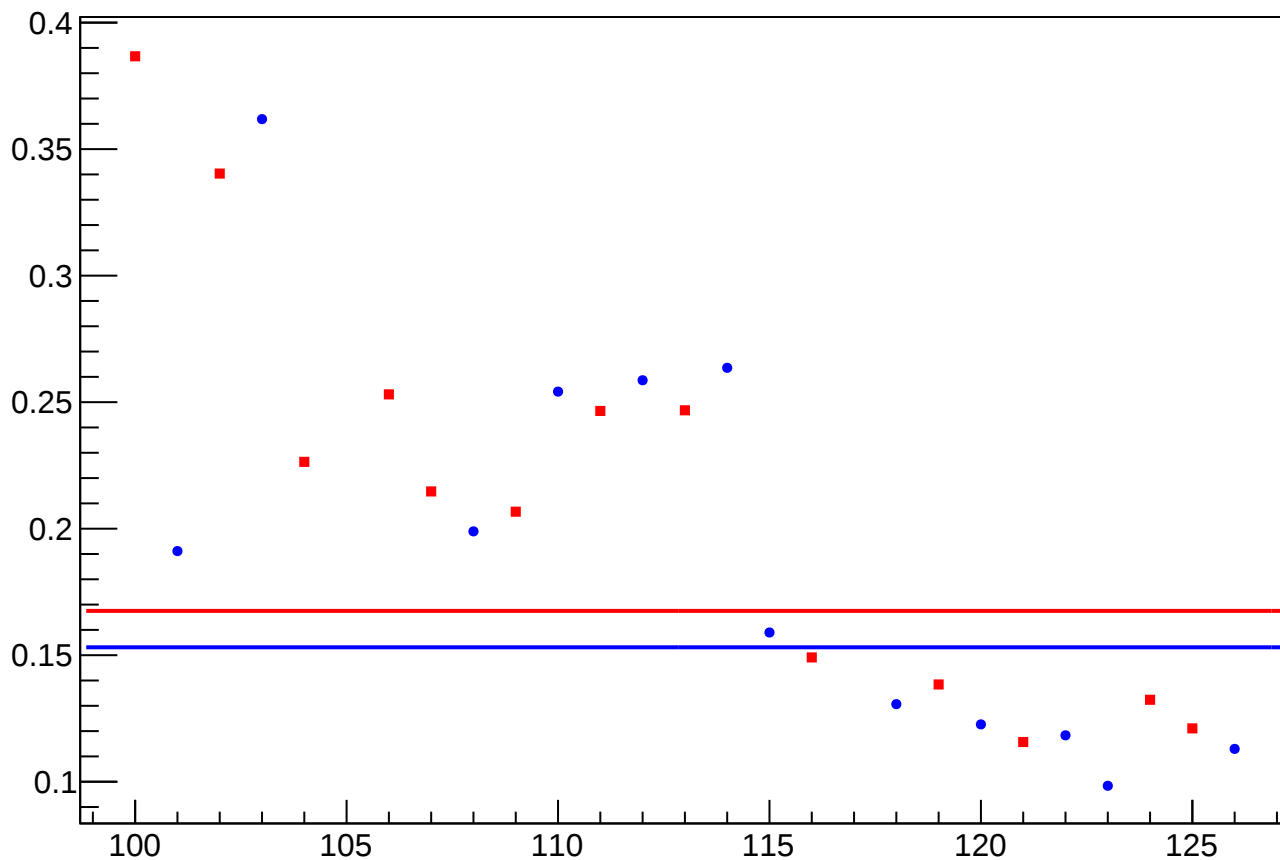
Right: 21.330+/-0.000 χ^2/NDF : 1626284519.3/24

In: 21.528+/-0.000 χ^2/NDF :771334295.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 21.330+/-0.000 χ^2/NDF : 1626284519.3/24

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.153+/-0.000 χ^2/NDF : 946990.9/11

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

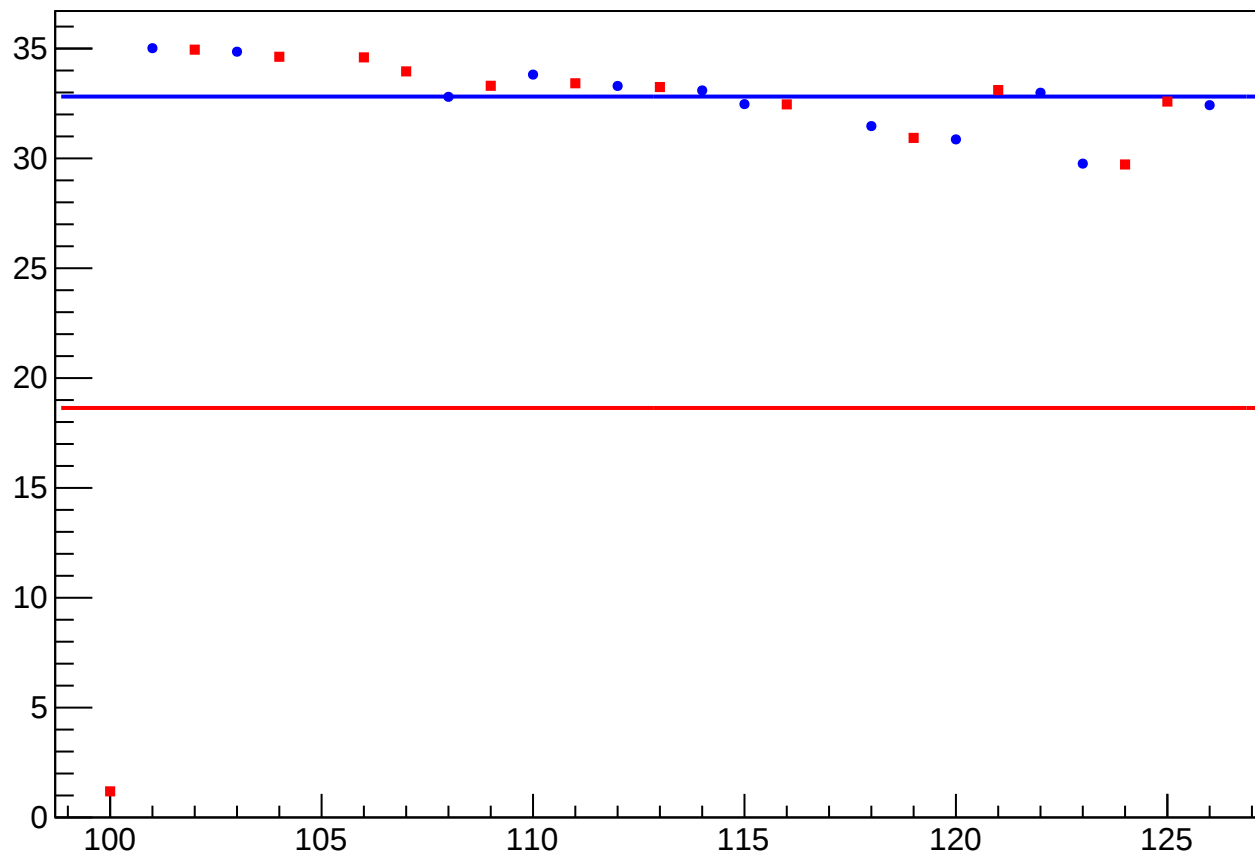
Right: 0.160+/-0.000 χ^2/NDF : 1905420.7/24

In: 0.153+/-0.000 χ^2/NDF : 946990.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.160+/-0.000 χ^2/NDF : 1905420.7/24

yield_sam3_mean vs Slug, Sign Corrected



Right In: 32.814+/-0.000 χ^2/NDF : 427837728.2/11

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

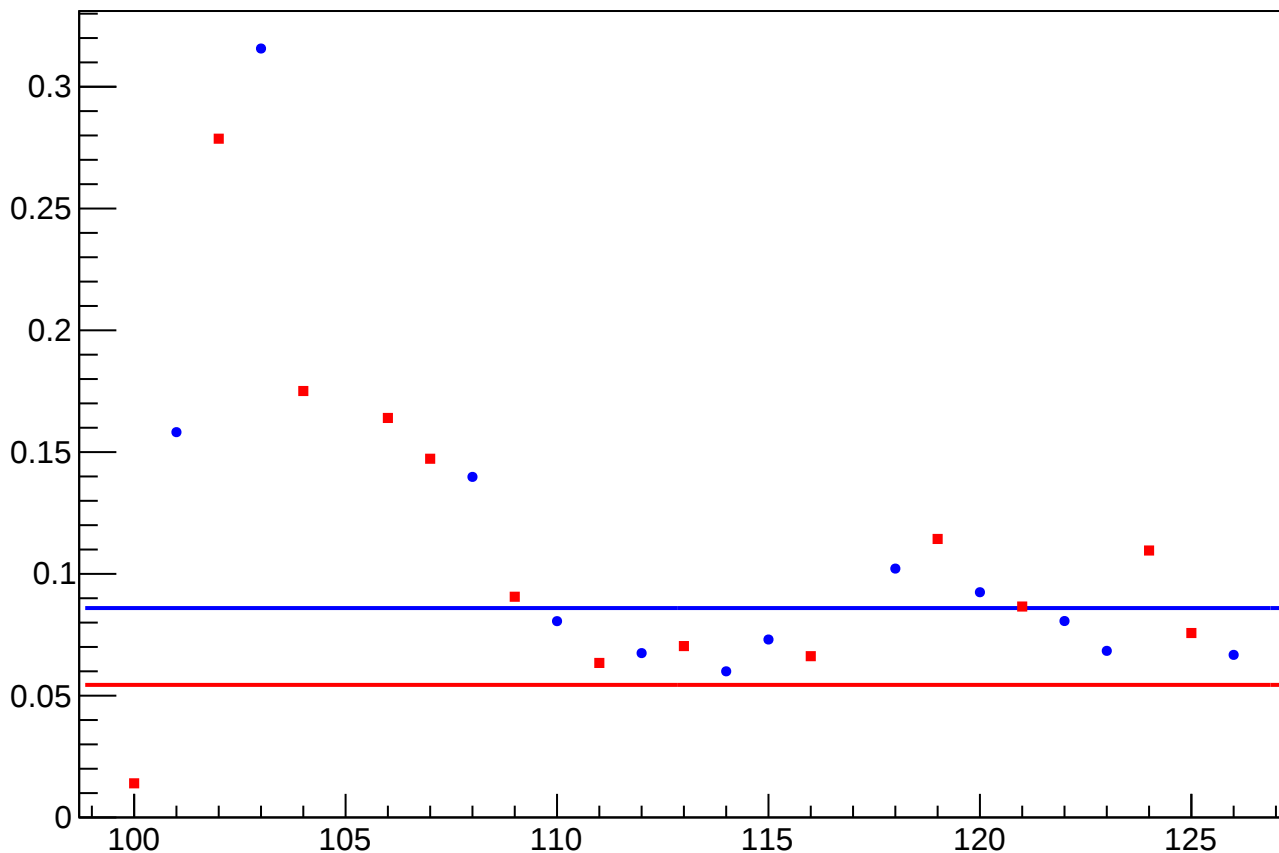
Right: 23.442+/-0.000 χ^2/NDF : 251795778379.7/24

In: 32.814+/-0.000 χ^2/NDF :427837728.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.442+/-0.000 χ^2/NDF : 251795778379.7/24

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.086+/-0.000 χ^2/NDF : 1064201.8/11

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

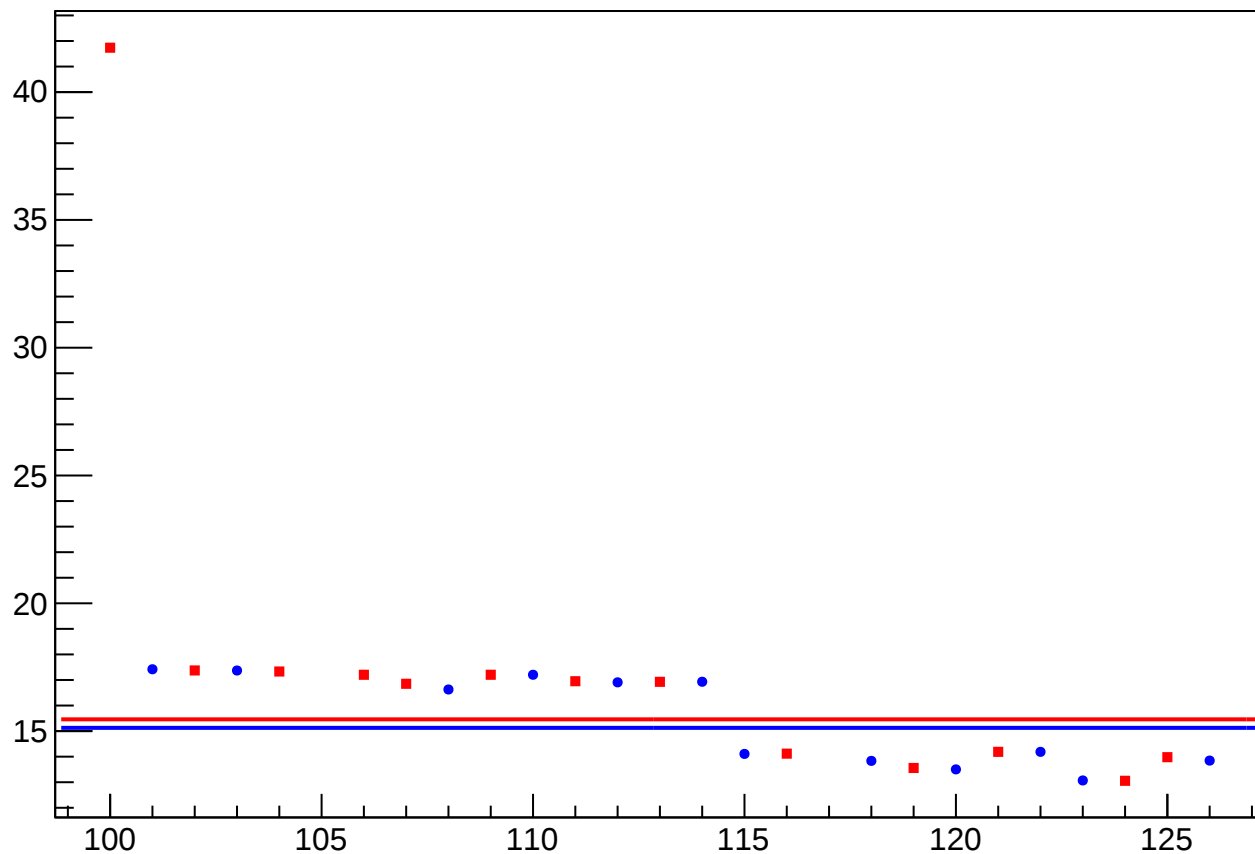
Right: 0.065+/-0.000 χ^2/NDF : 4811019.5/24

In: 0.086+/-0.000 χ^2/NDF :1064201.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.065+/-0.000 χ^2/NDF : 4811019.5/24

yield_sam4_mean vs Slug, Sign Corrected



Right In: 15.127+/-0.000 χ^2/NDF : 1142851980.3/11

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

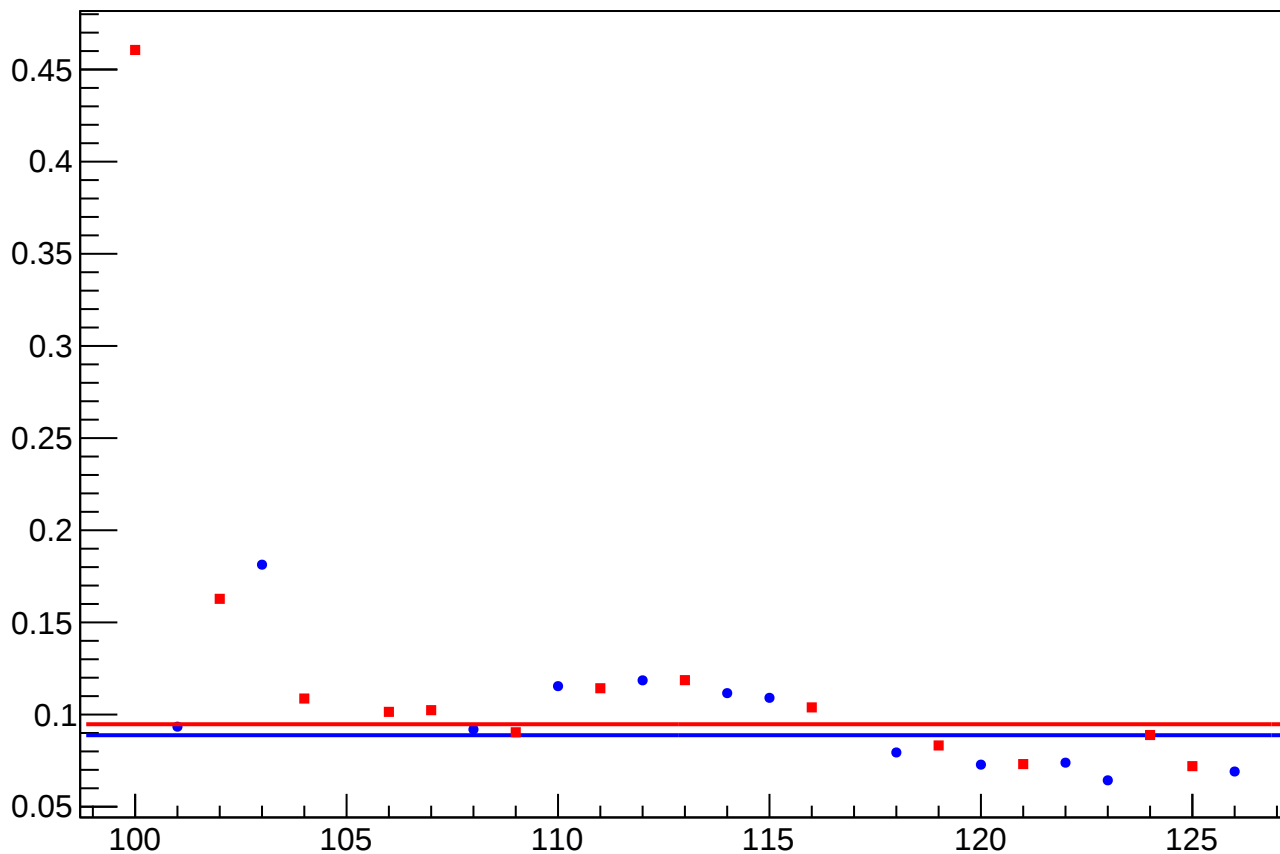
Right: 15.293+/-0.000 χ^2/NDF : 2591894416.8/24

In: 15.127+/-0.000 χ^2/NDF : 1142851980.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.293+/-0.000 χ^2/NDF : 2591894416.8/24

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.089+/-0.000 χ^2/NDF : 529339.5/11

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

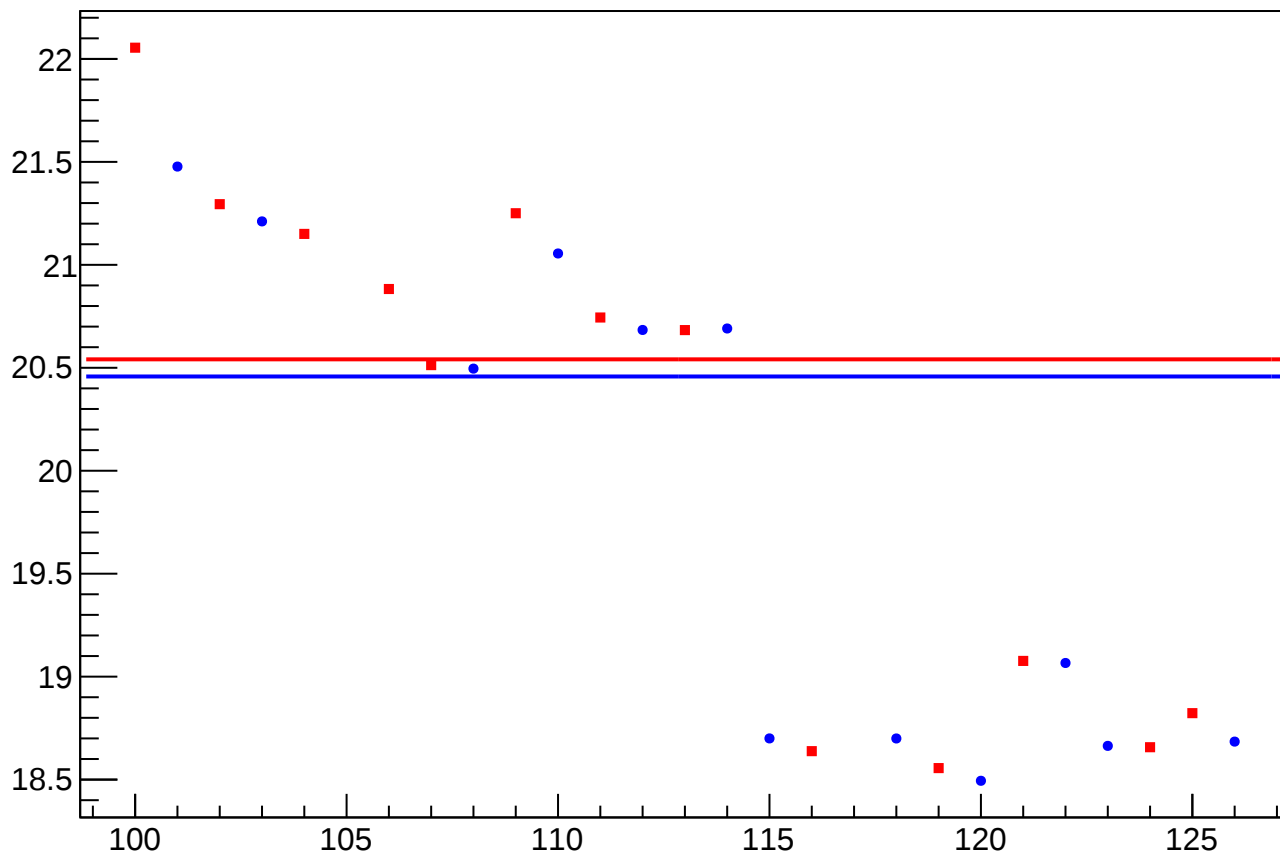
Right: 0.092+/-0.000 χ^2/NDF : 1025817.9/24

In: 0.089+/-0.000 χ^2/NDF : 529339.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.092+/-0.000 χ^2/NDF : 1025817.9/24

yield_sam5_mean vs Slug, Sign Corrected



Right In: 20.458+/-0.000 χ^2/NDF : 4818223901.9/11

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

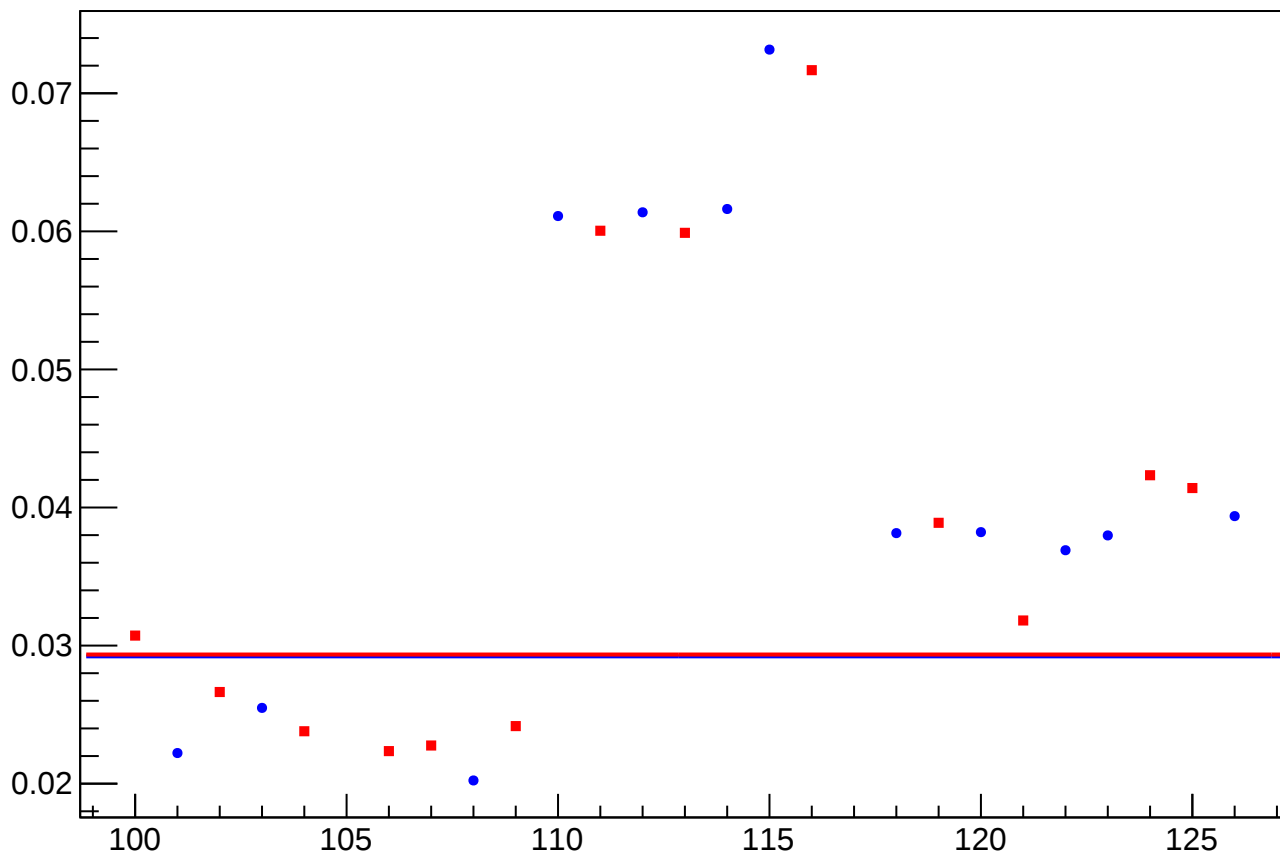
Right: 20.501+/-0.000 χ^2/NDF : 9140298747.3/24

In: 20.458+/-0.000 χ^2/NDF :4818223901.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.501+/-0.000 χ^2/NDF : 9140298747.3/24

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.029+/-0.000 χ^2/NDF : 999713.6/11

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

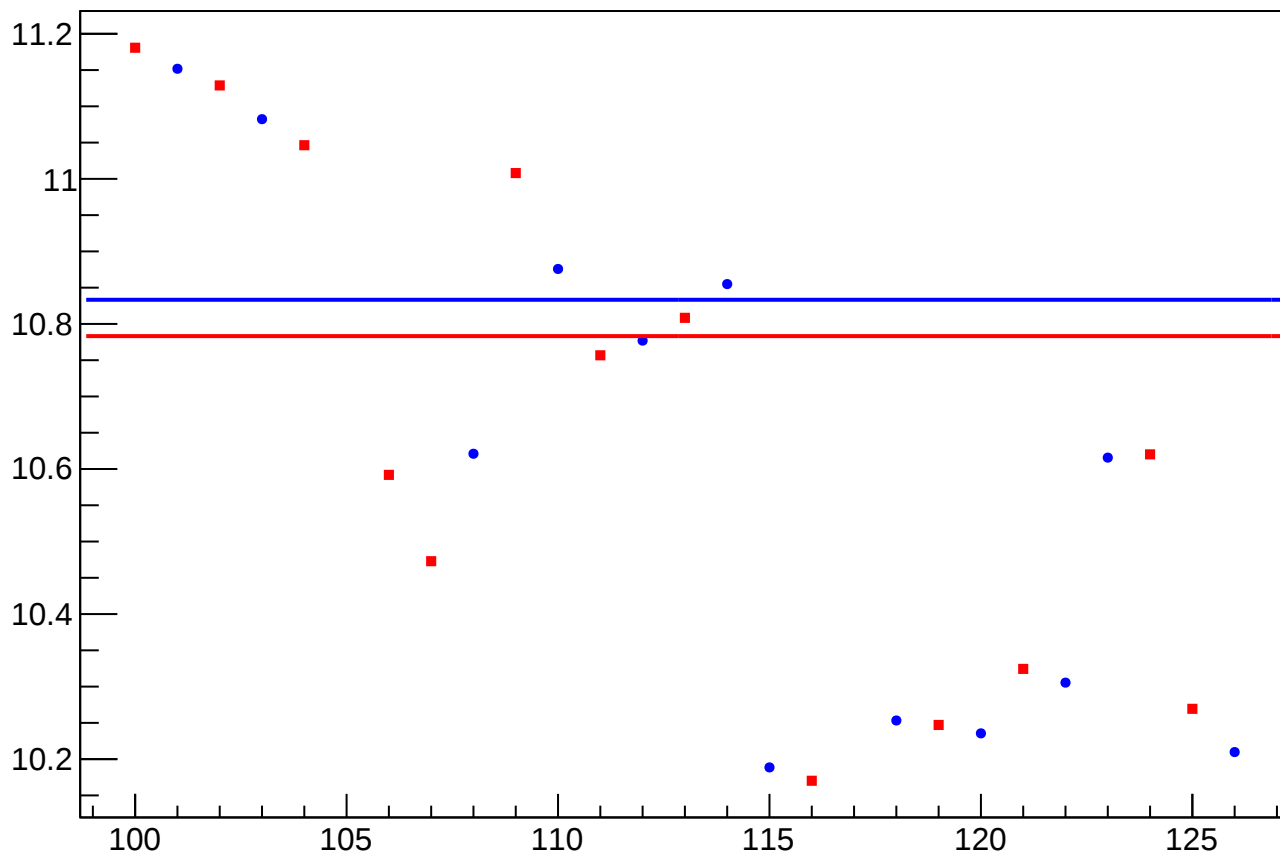
Right: 0.029+/-0.000 χ^2/NDF : 1936602.7/24

In: 0.029+/-0.000 χ^2/NDF :999713.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.029+/-0.000 χ^2/NDF : 1936602.7/24

yield_sam6_mean vs Slug, Sign Corrected



Right In: 10.833+/-0.000 χ^2/NDF : 2367533990.3/11

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

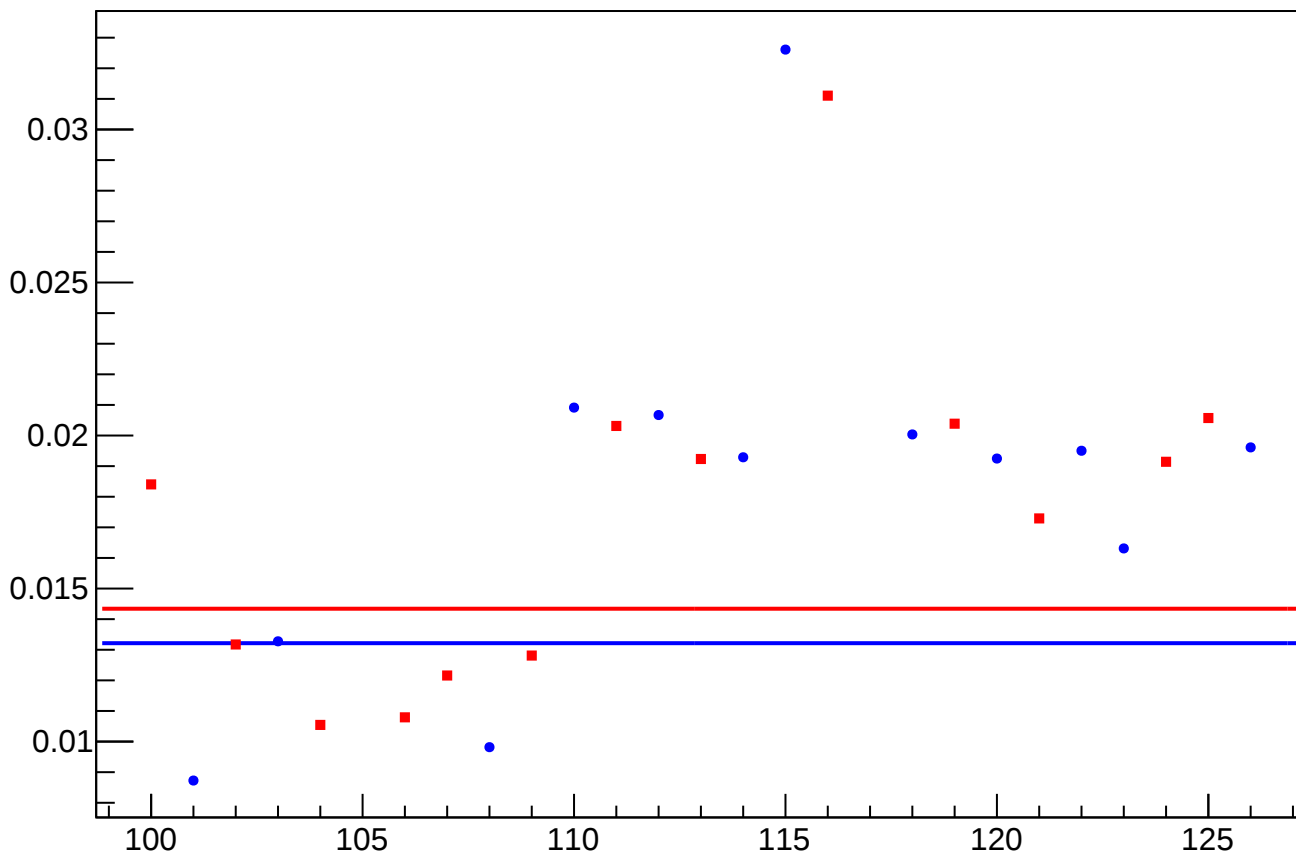
Right: 10.808+/-0.000 χ^2/NDF : 4324815940.2/24

In: 10.833+/-0.000 χ^2/NDF : 2367533990.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.808+/-0.000 χ^2/NDF : 4324815940.2/24

yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 984009.5/11

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

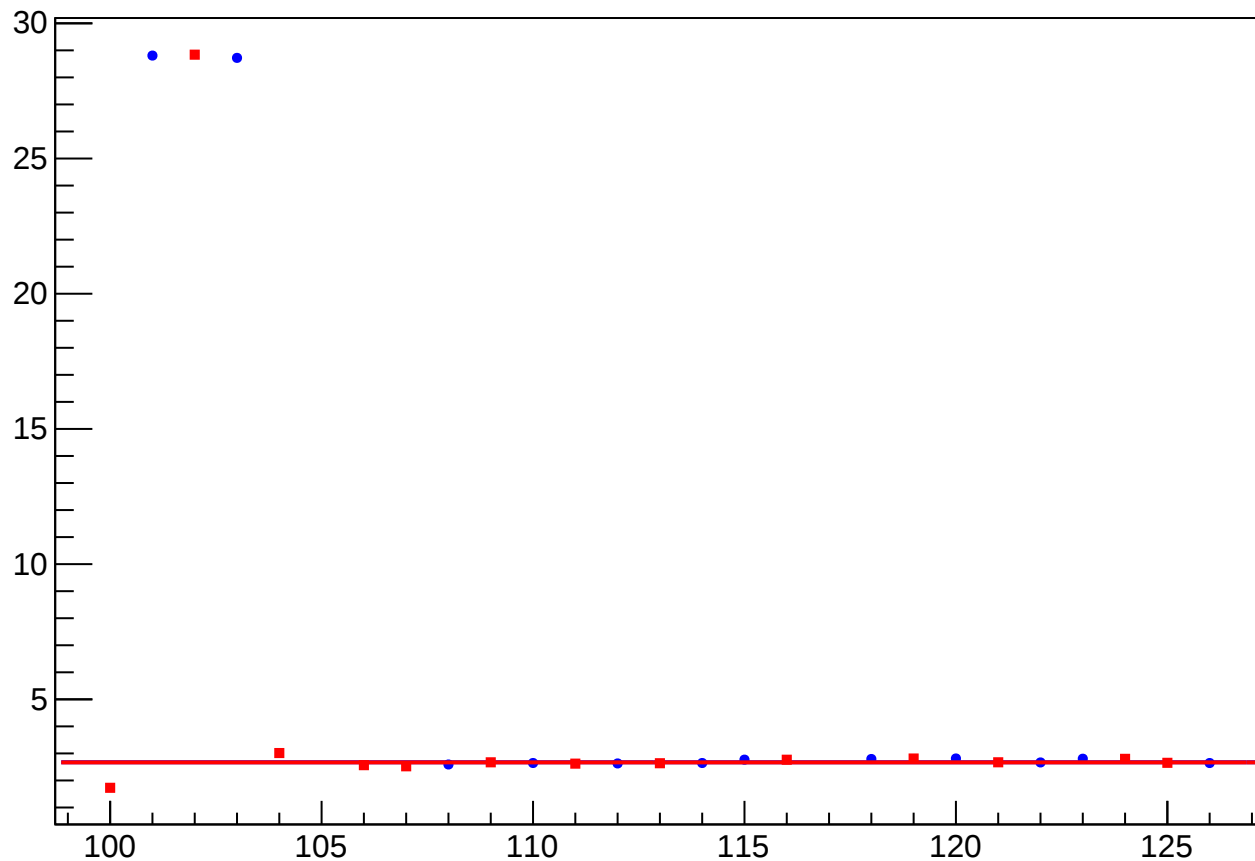
Right: 0.014+/-0.000 χ^2/NDF : 1665589.1/24

In: 0.013+/-0.000 χ^2/NDF : 984009.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 1665589.1/24

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.674+/-0.000 χ^2/NDF : 162140021018.5/11

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

Right Out: 2.668+/-0.000 χ^2/NDF : 69614977035.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

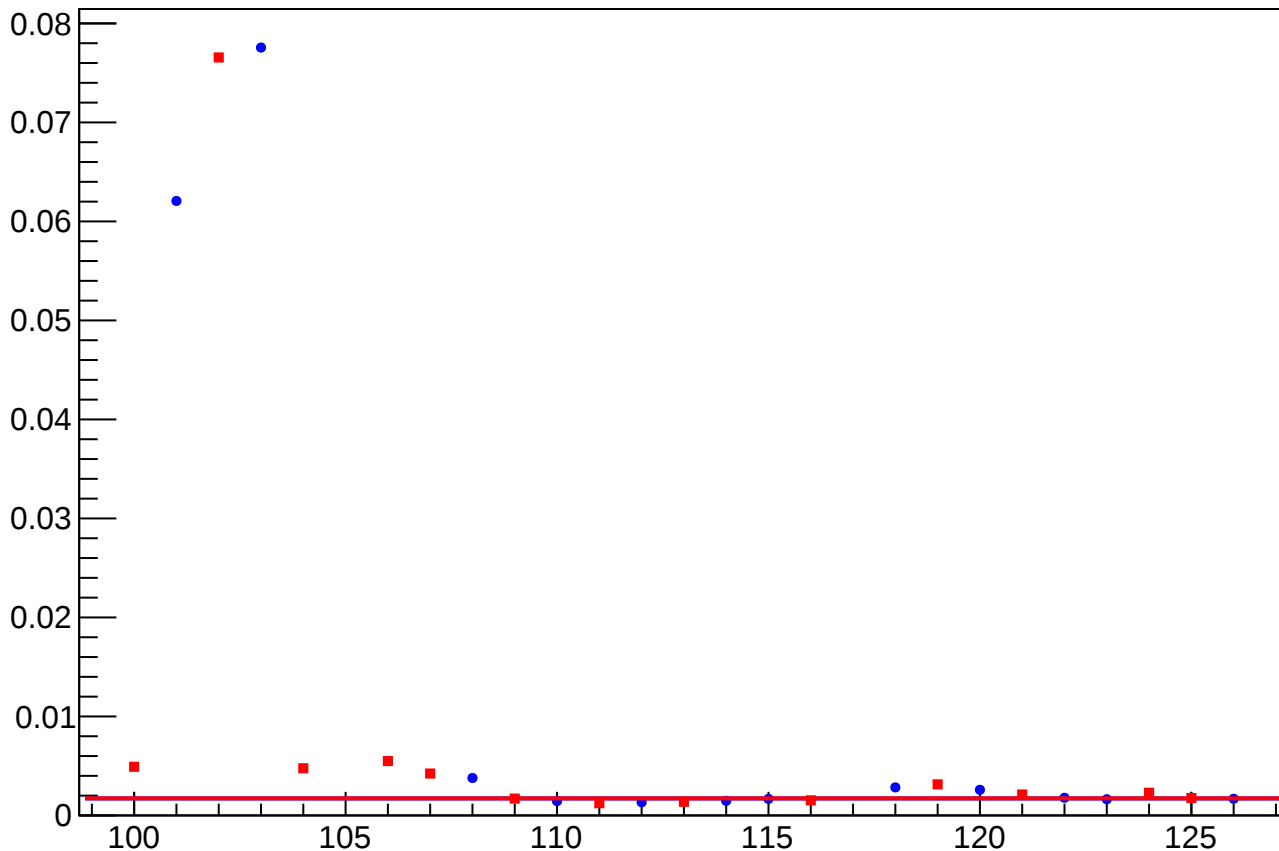
Right: 2.671+/-0.000 χ^2/NDF : 231767775861.5/24

In: 2.674+/-0.000 χ^2/NDF : 162140021018.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.671+/-0.000 χ^2/NDF : 231767775861.5

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2571389.0/11

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

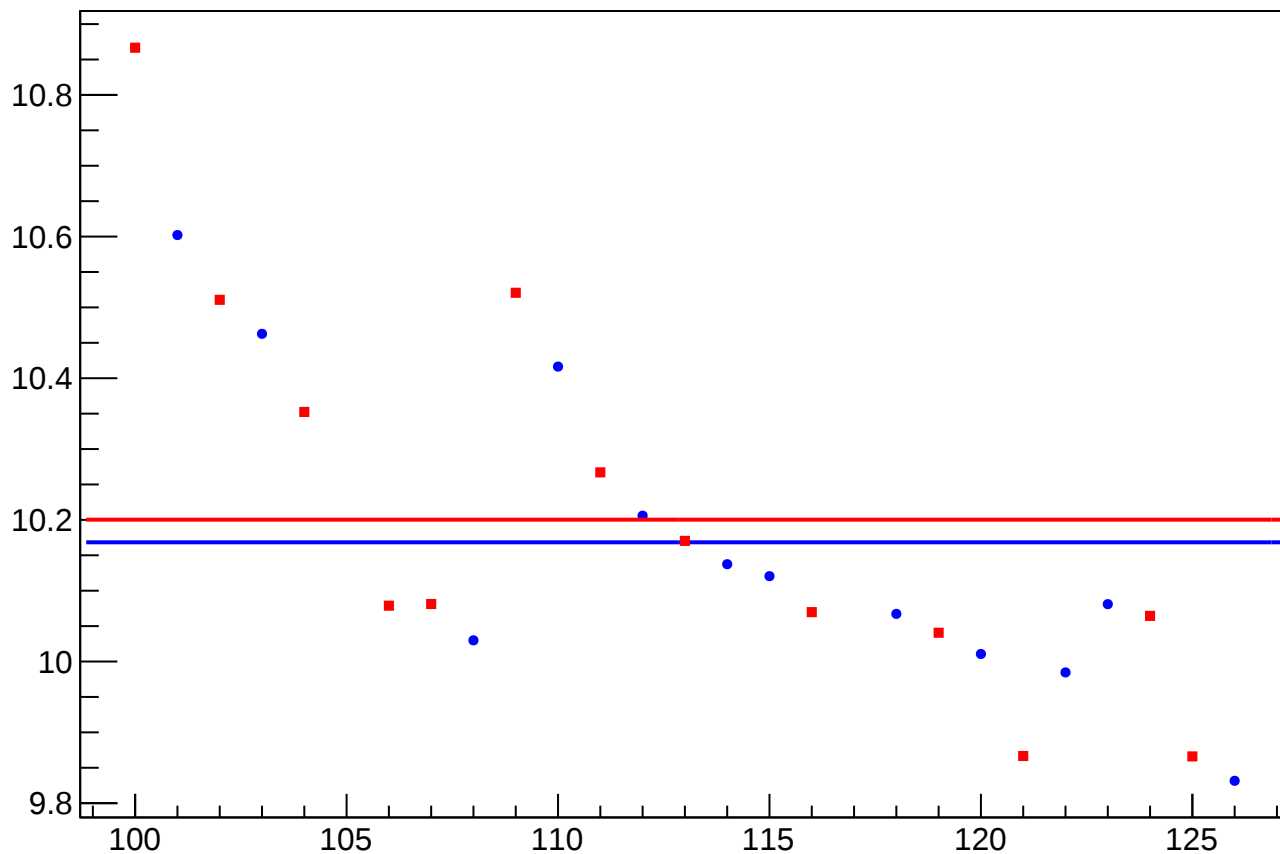
Right: 0.002+/-0.000 χ^2/NDF : 4707601.7/24

In: 0.002+/-0.000 χ^2/NDF : 2571389.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4707601.7/24

yield_sam8_mean vs Slug, Sign Corrected



Right In: 10.168+/-0.000 χ^2/NDF : 4506608140.0/11

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

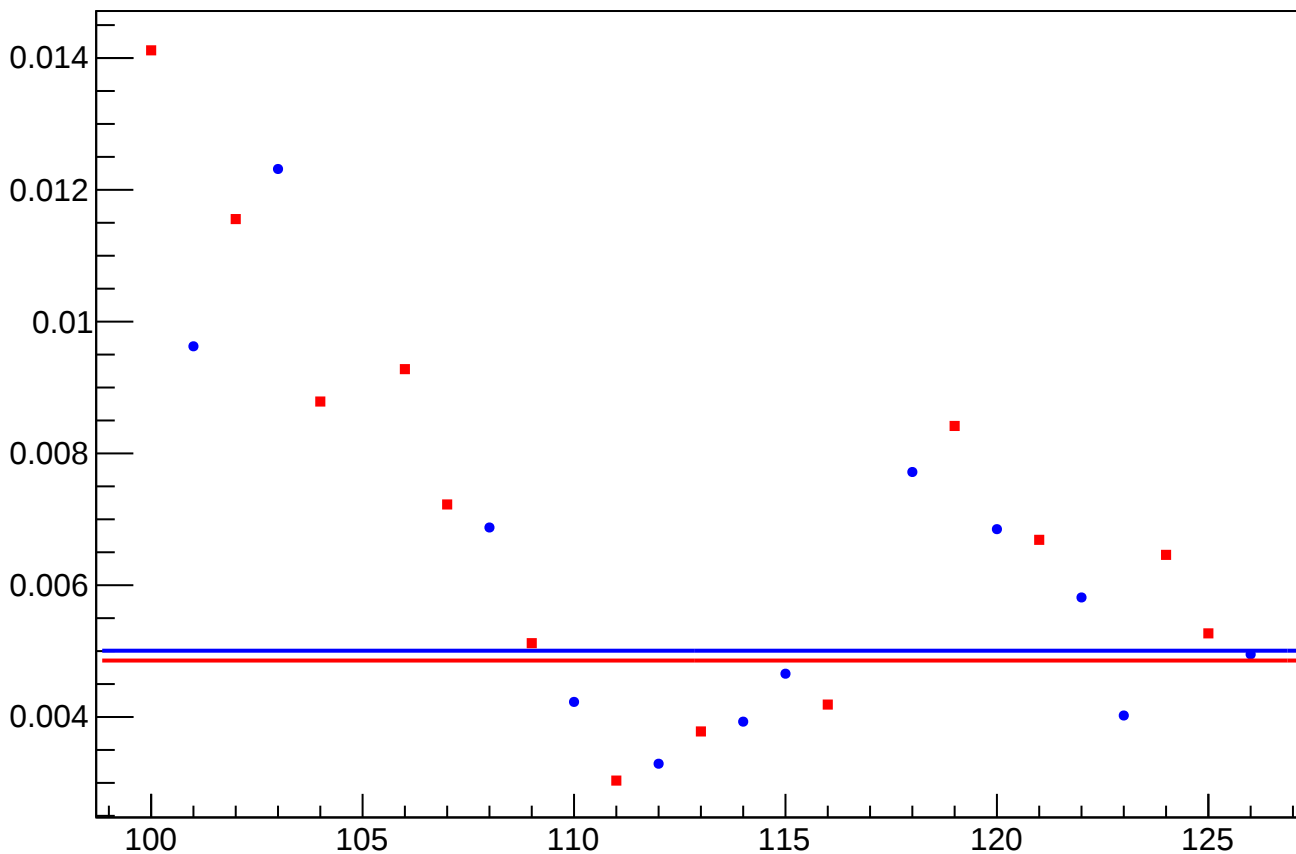
Right: 10.186+/-0.000 χ^2/NDF : 9477712810.8/24

In: 10.168+/-0.000 χ^2/NDF : 4506608140.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.186+/-0.000 χ^2/NDF : 9477712810.8/24

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1098590.7/11

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

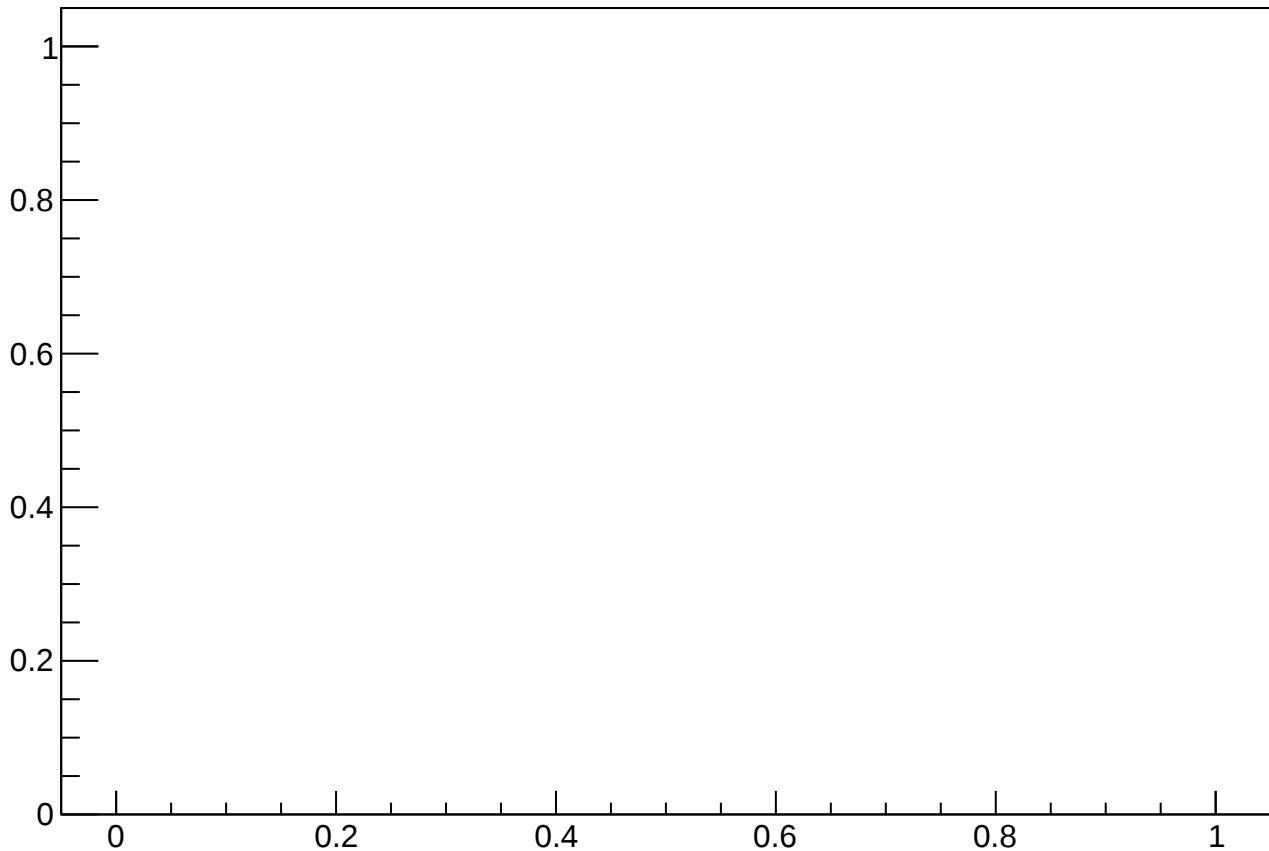
Right: 0.005+/-0.000 χ^2/NDF : 2451020.1/24

In: 0.005+/-0.000 χ^2/NDF :1098590.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2451020.1/24

cor_sam1_mean 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

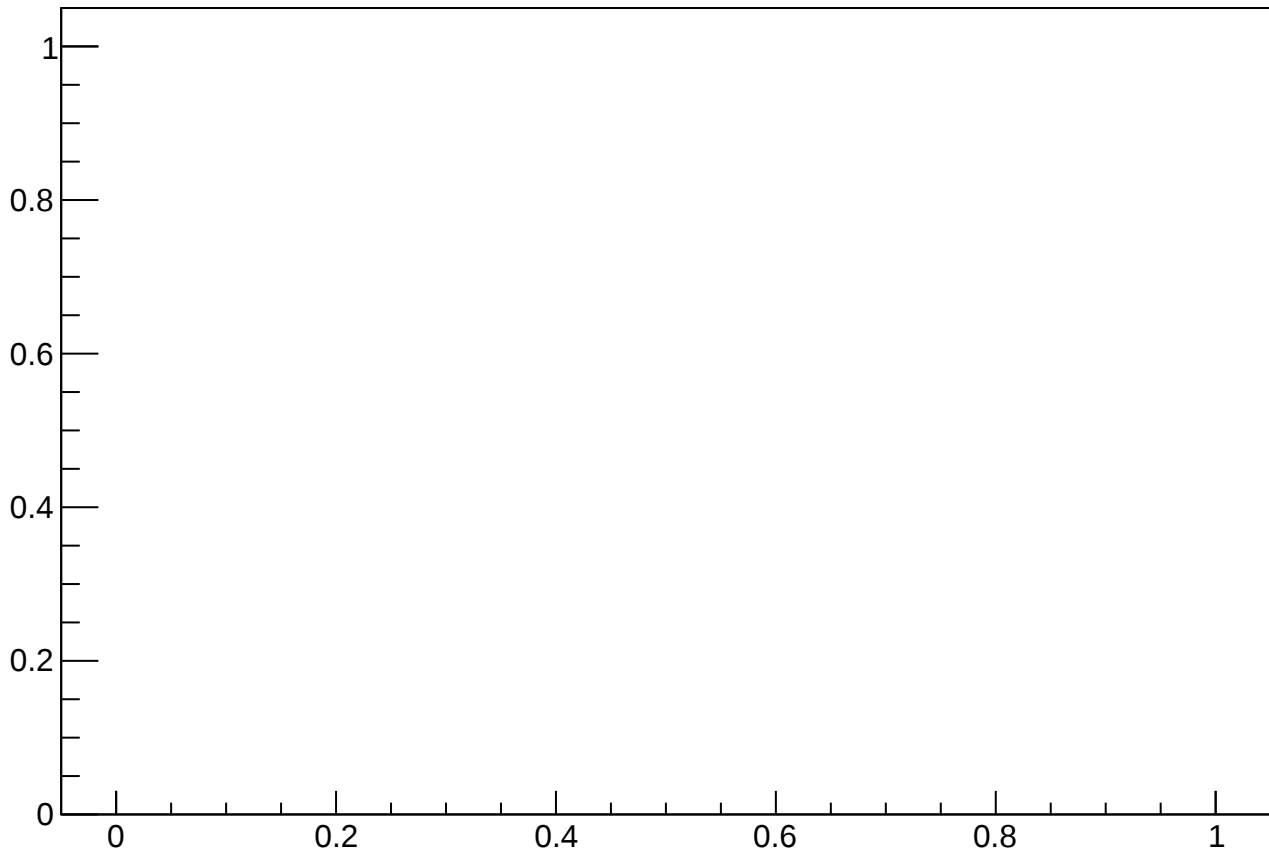
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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_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

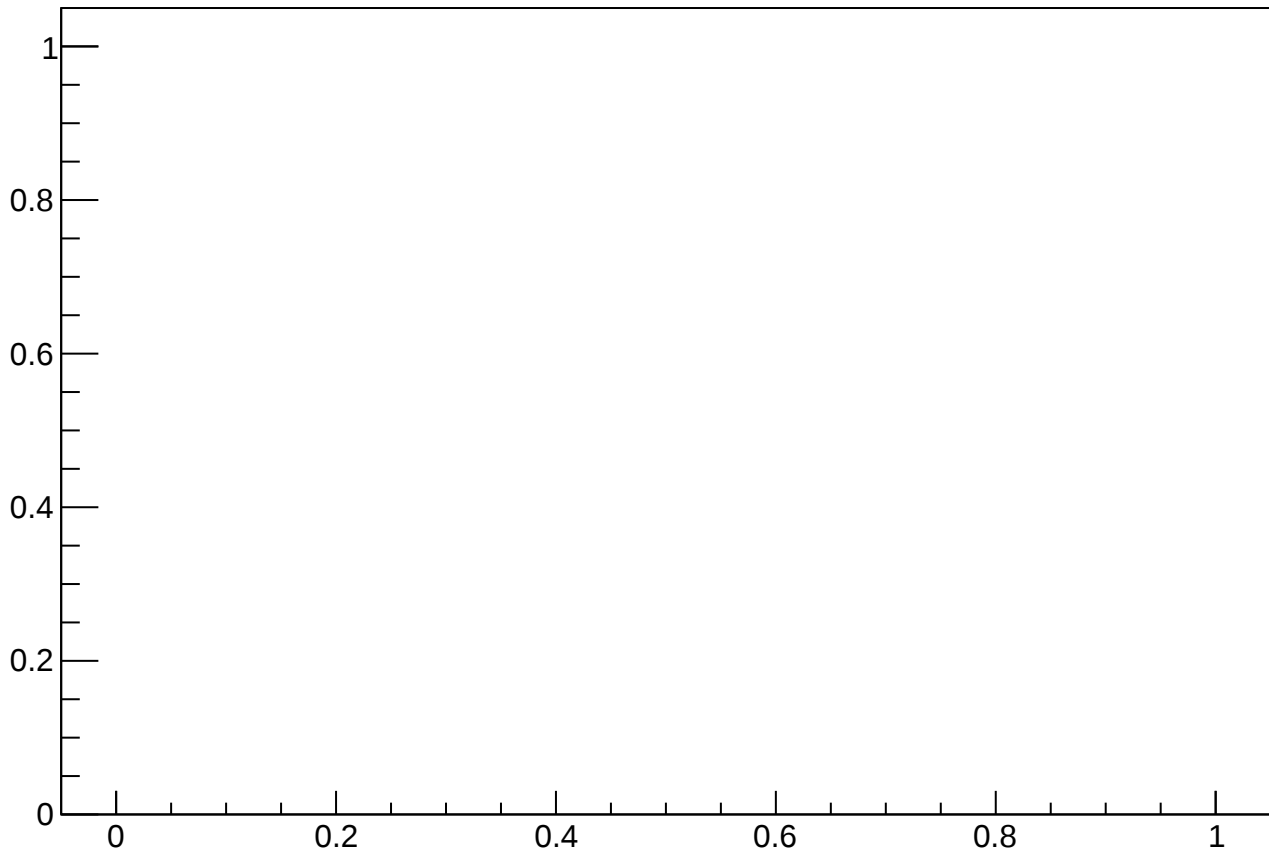
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

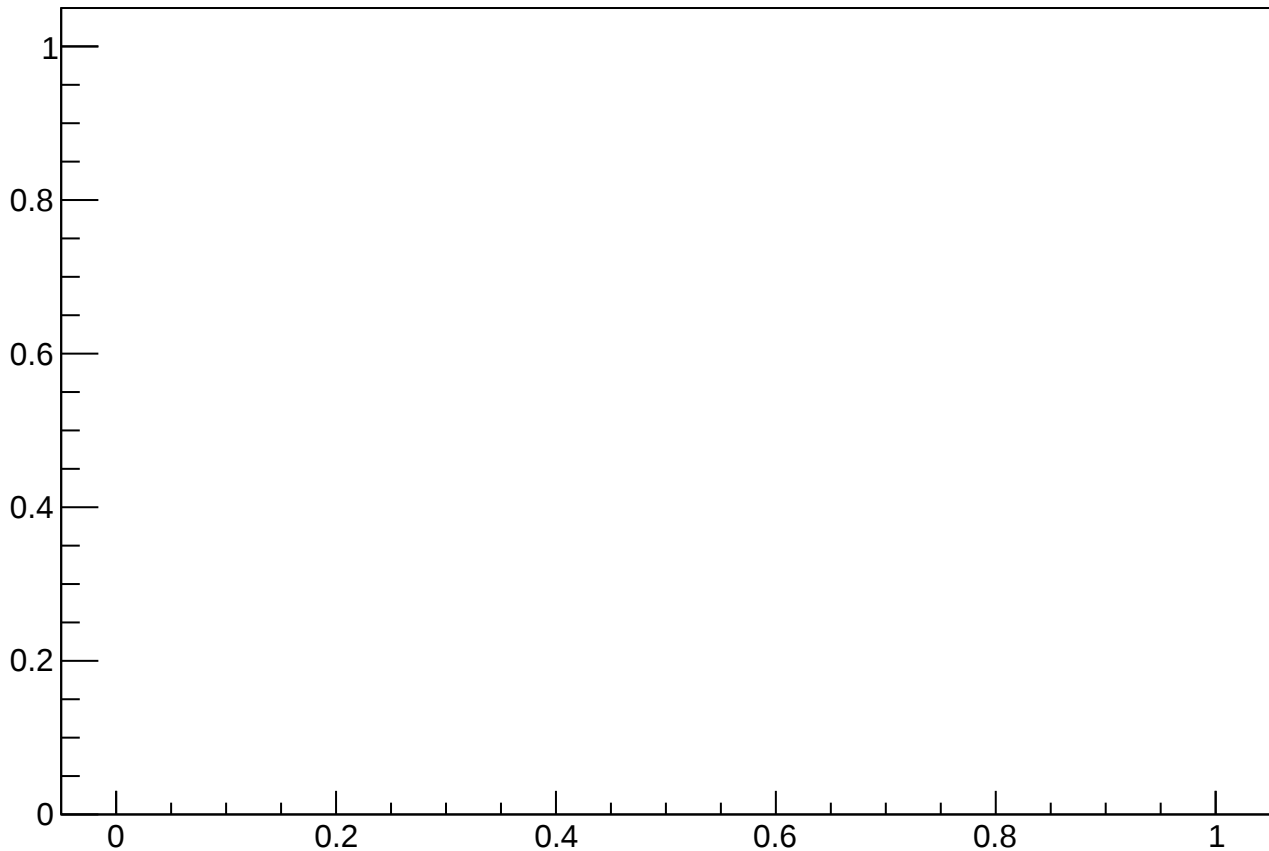
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

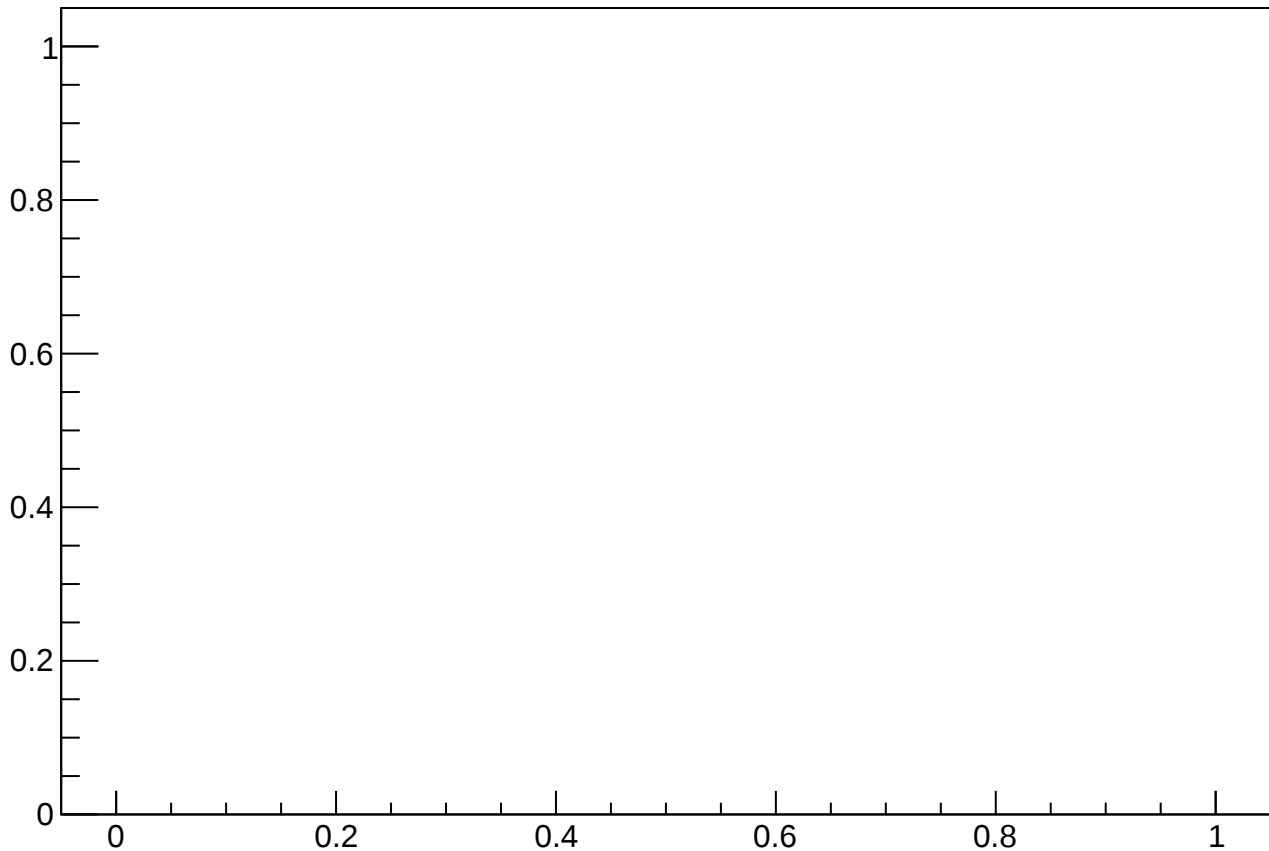
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

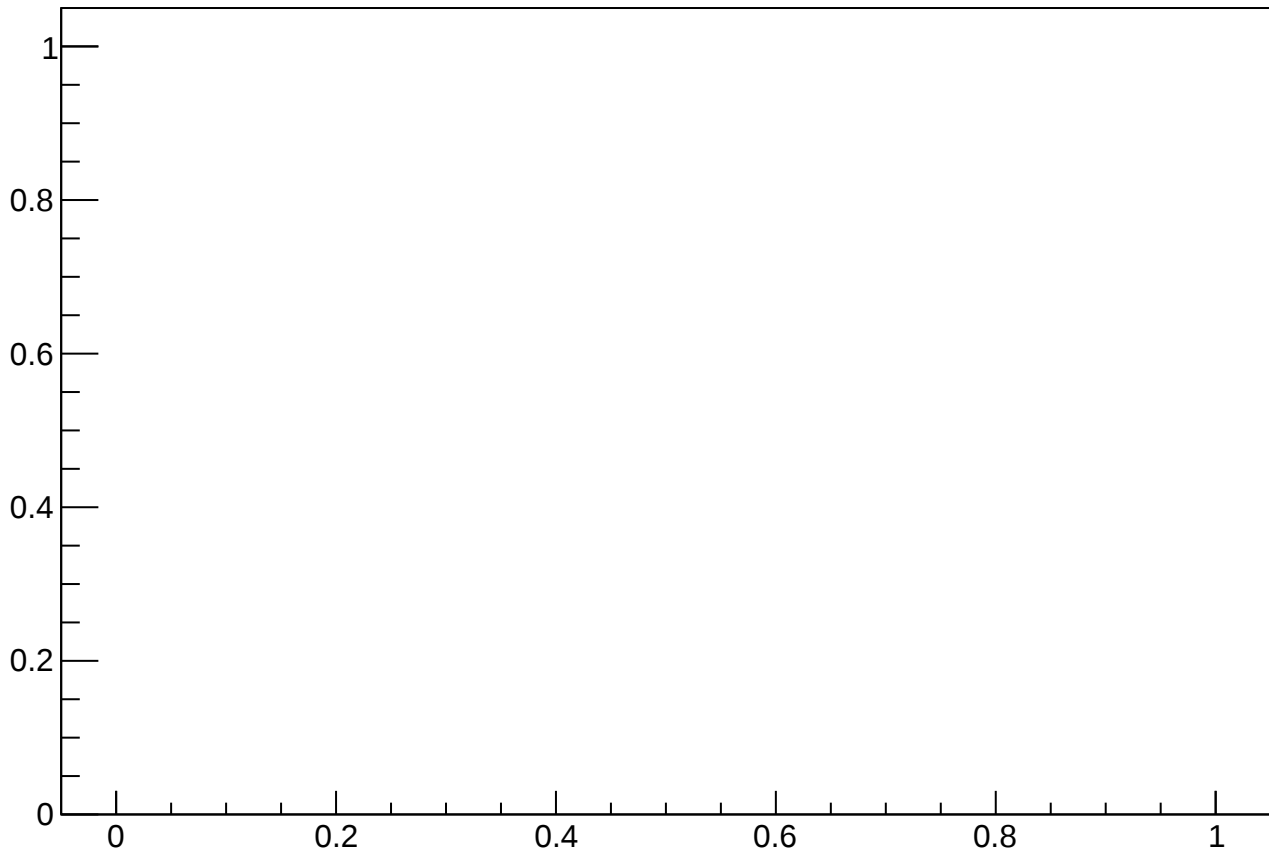
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

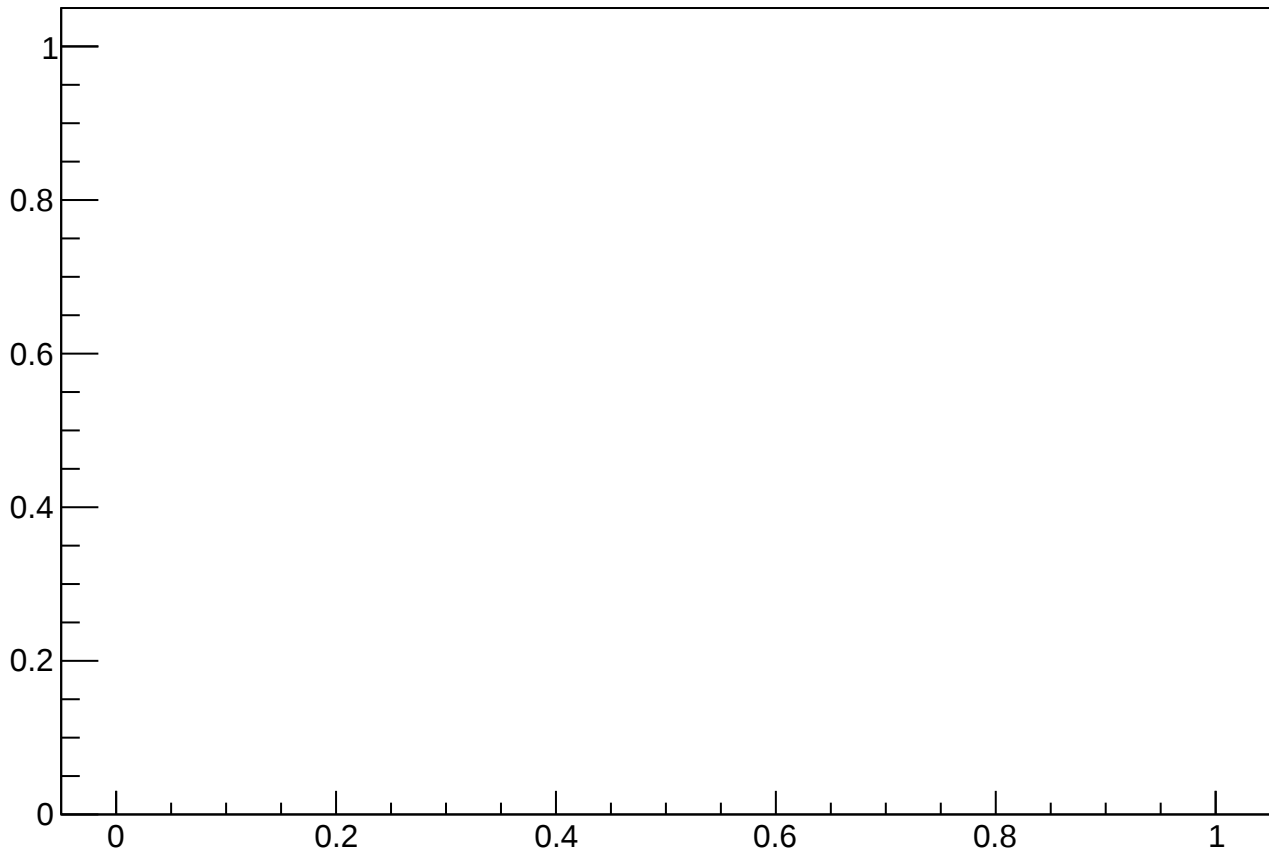
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

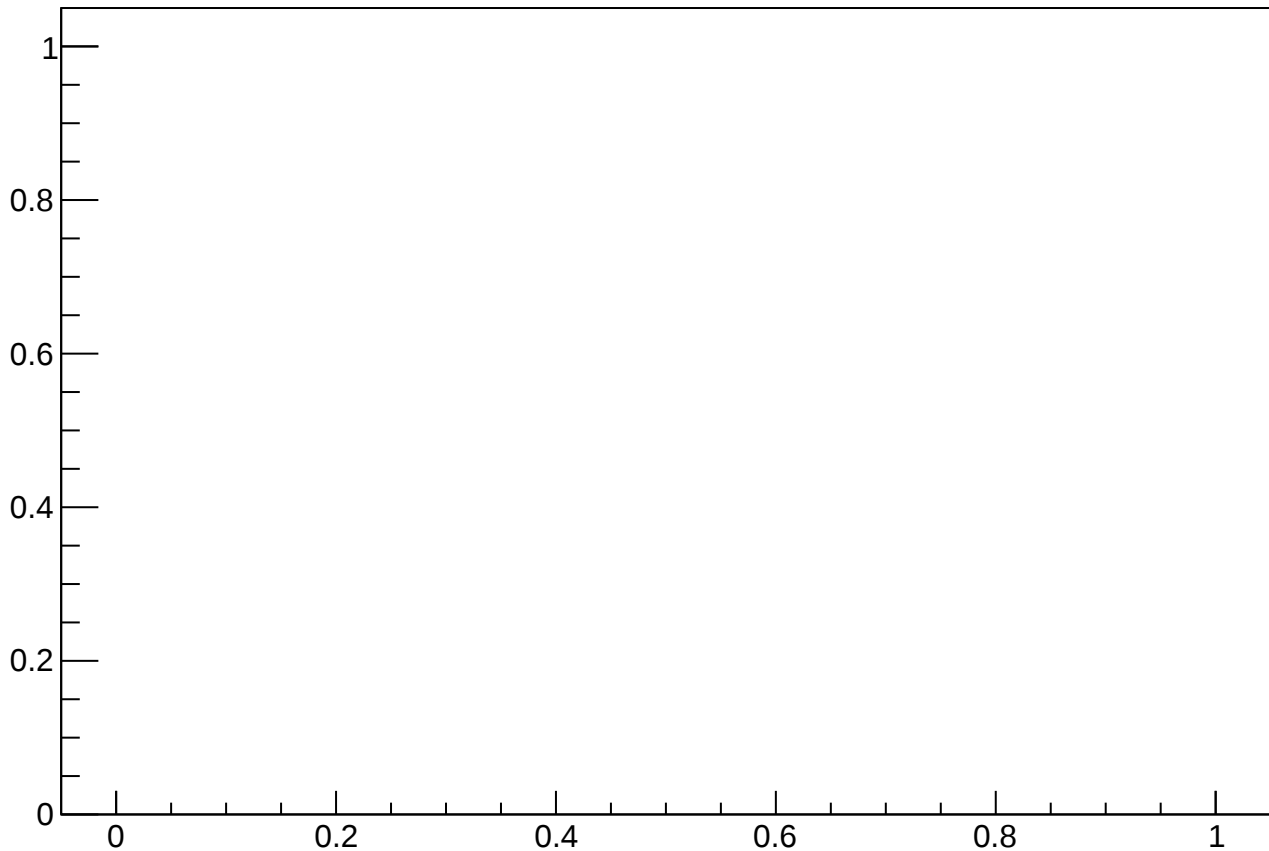
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

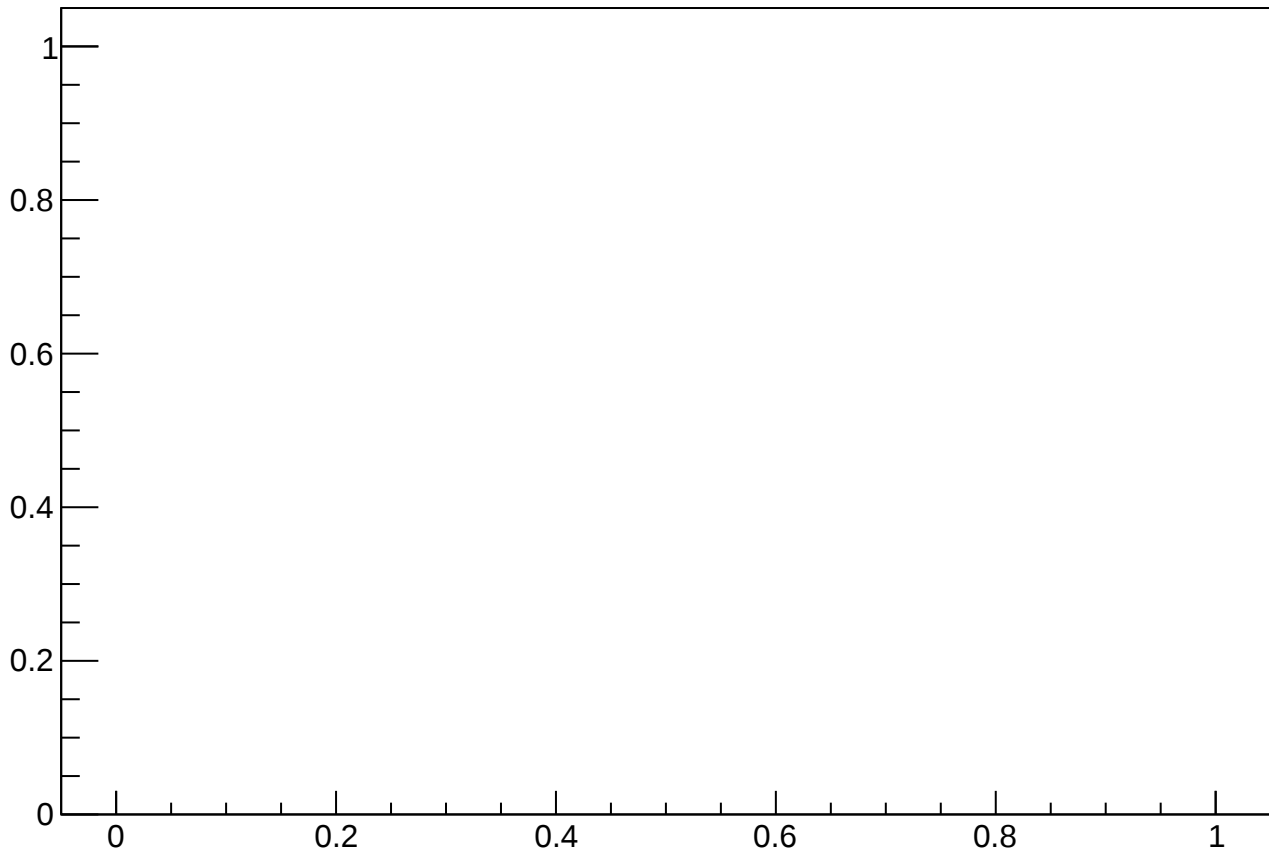
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

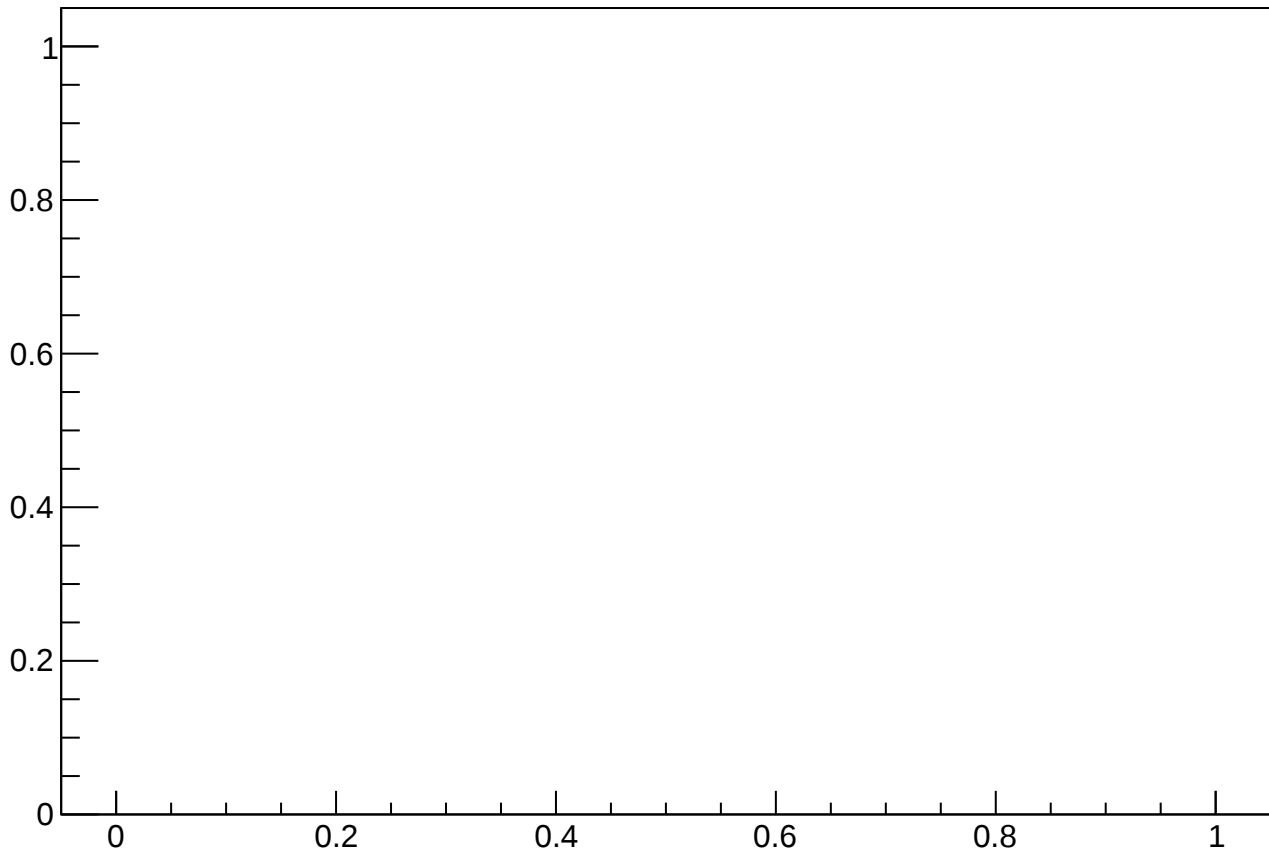
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

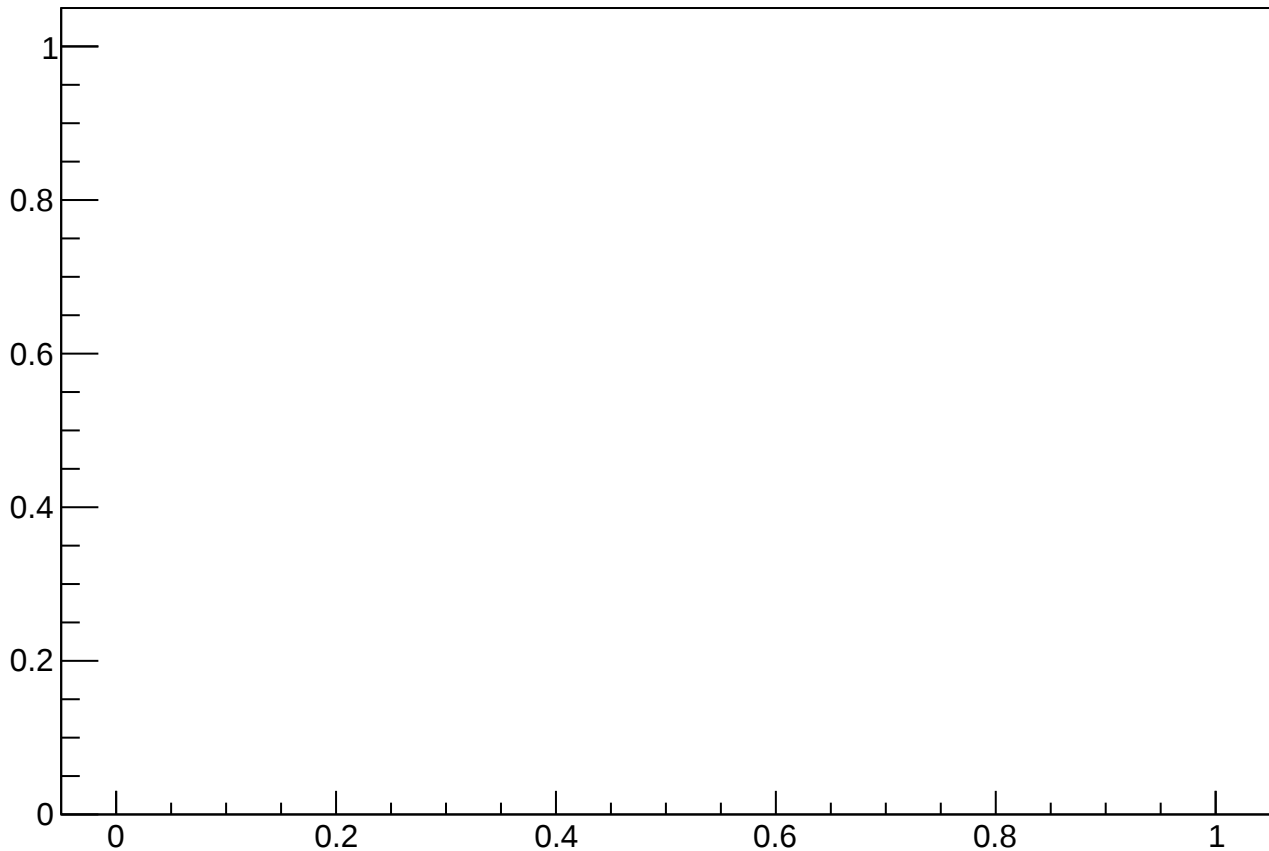
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

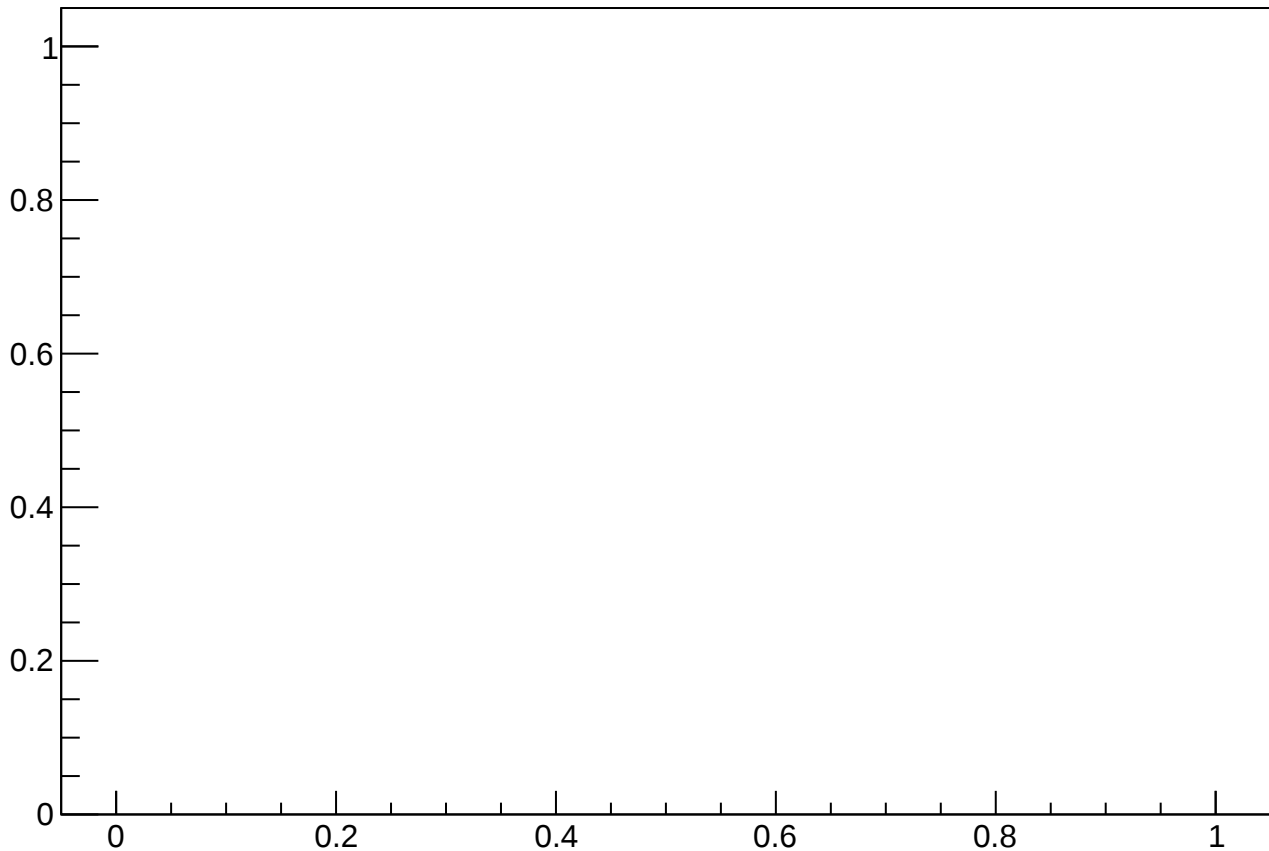
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

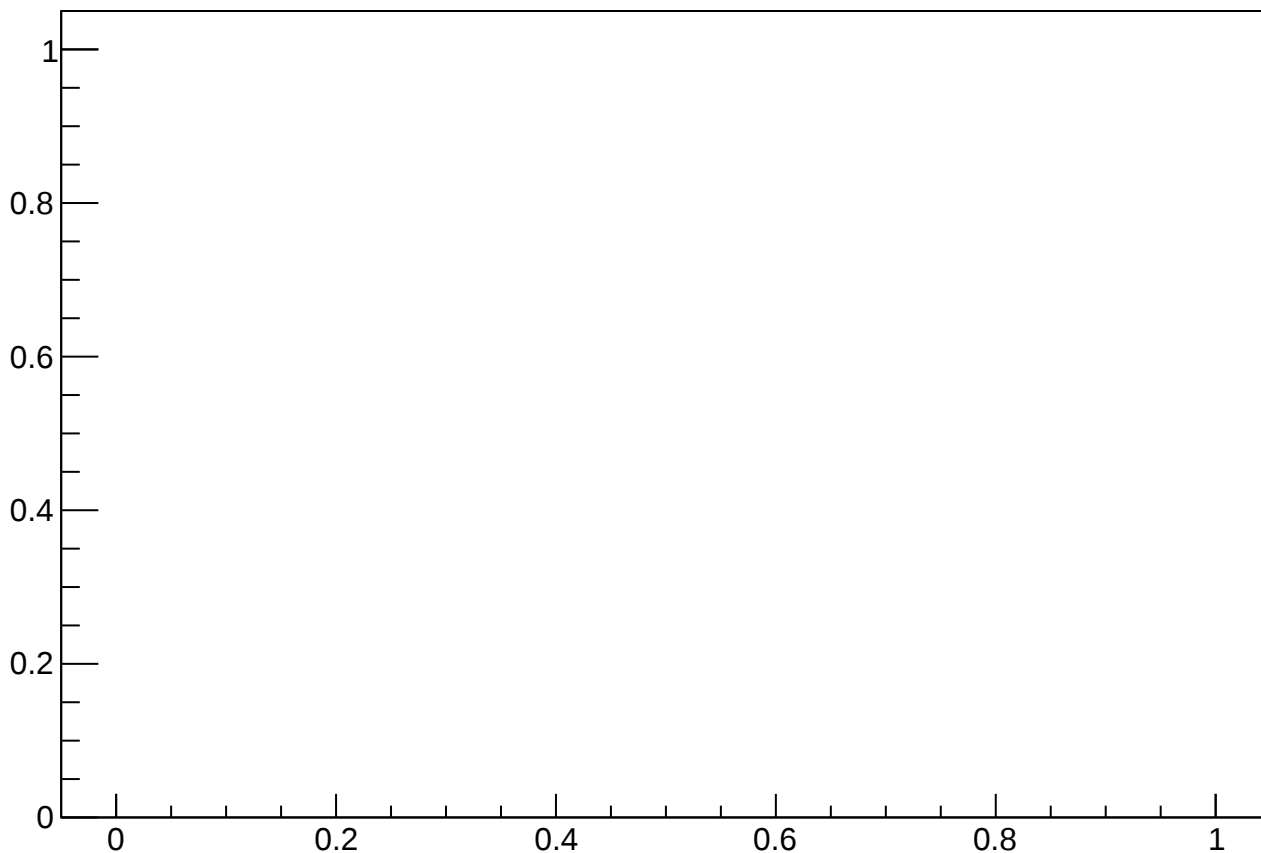
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

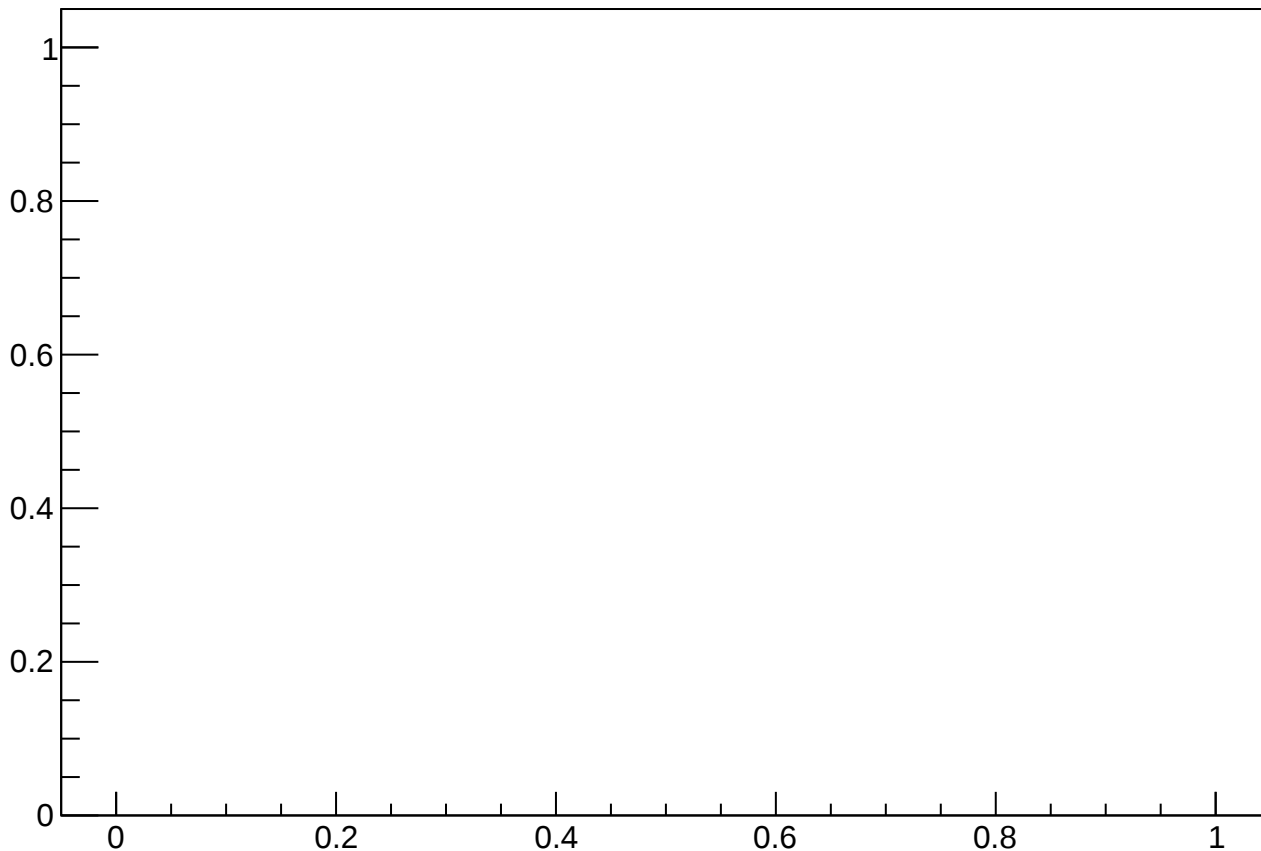
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

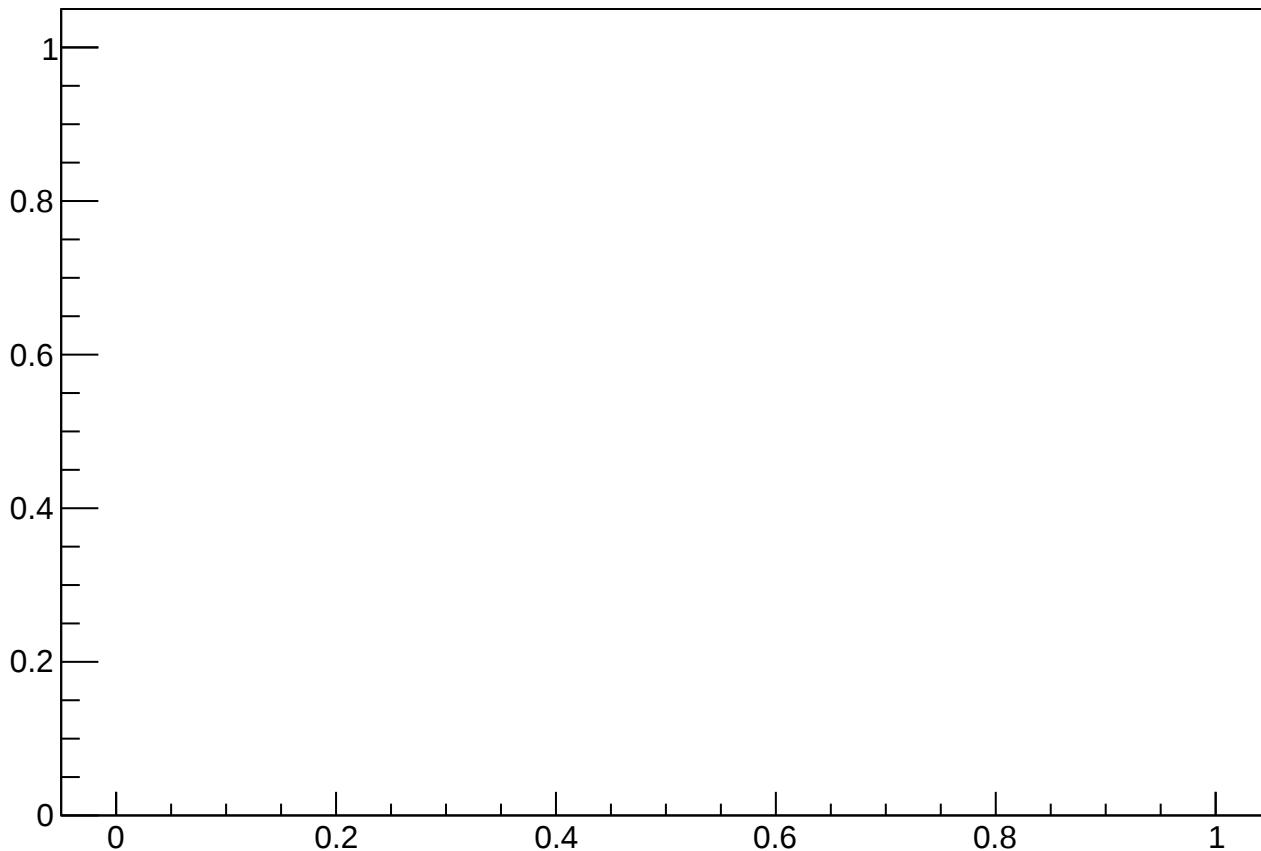
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

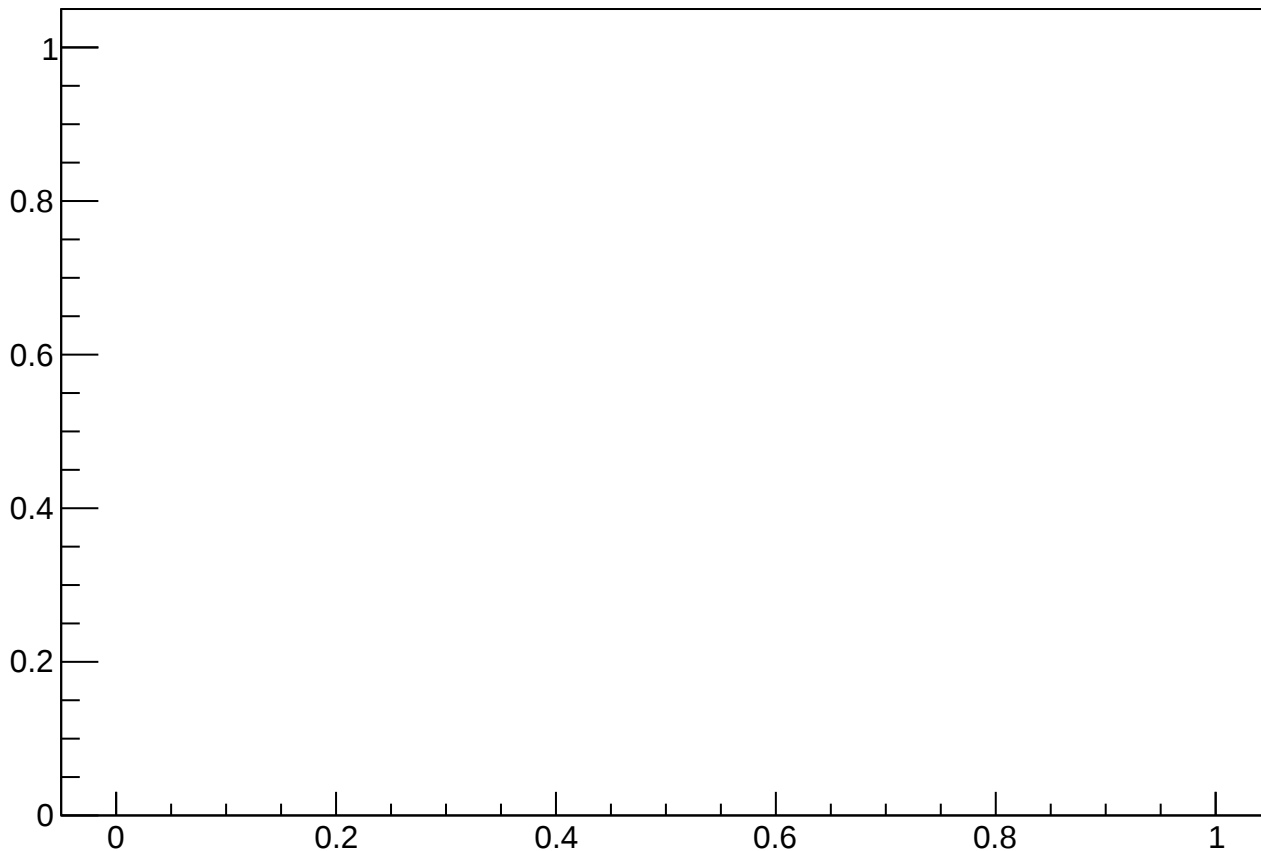
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

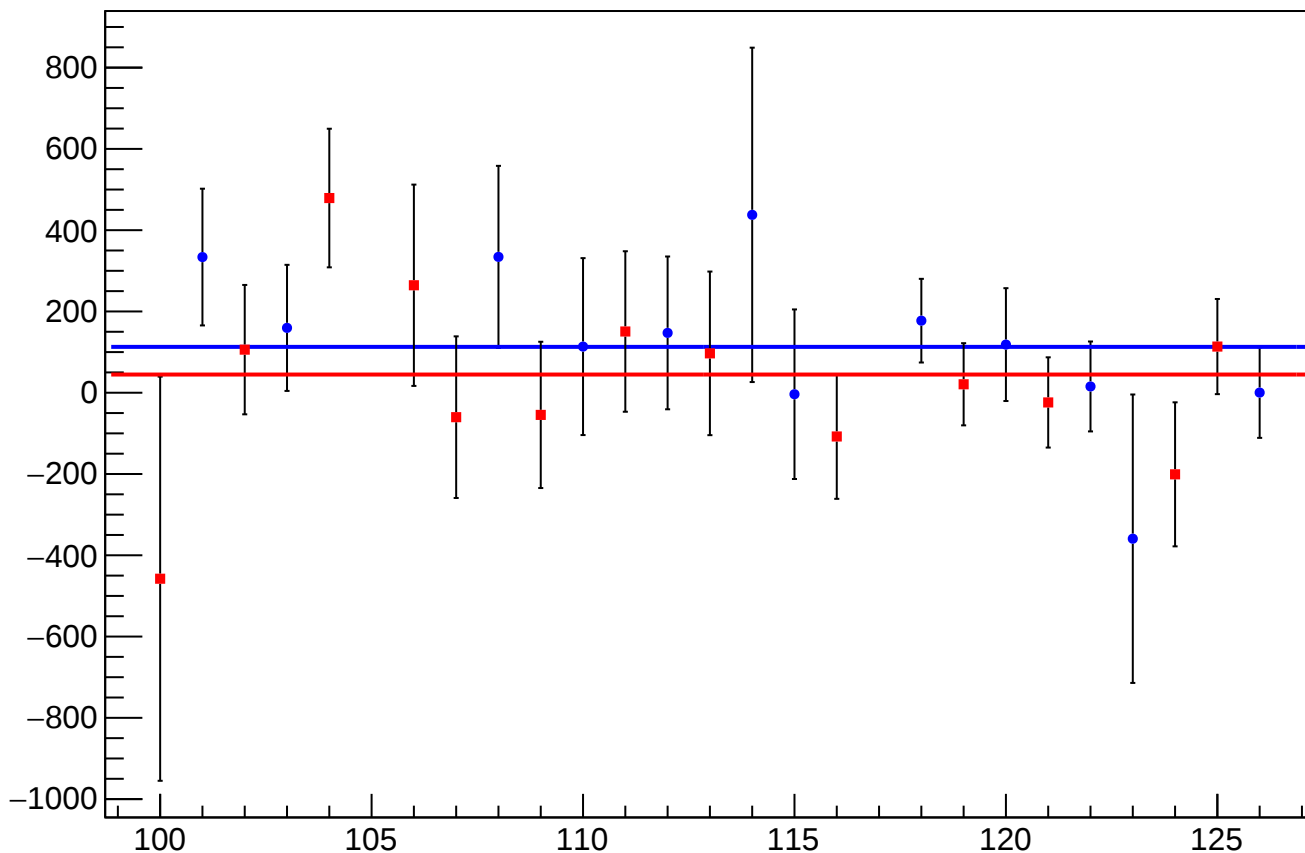
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 112.841 $\pm$ 45.105 χ^2 /NDF: 7.7/11

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

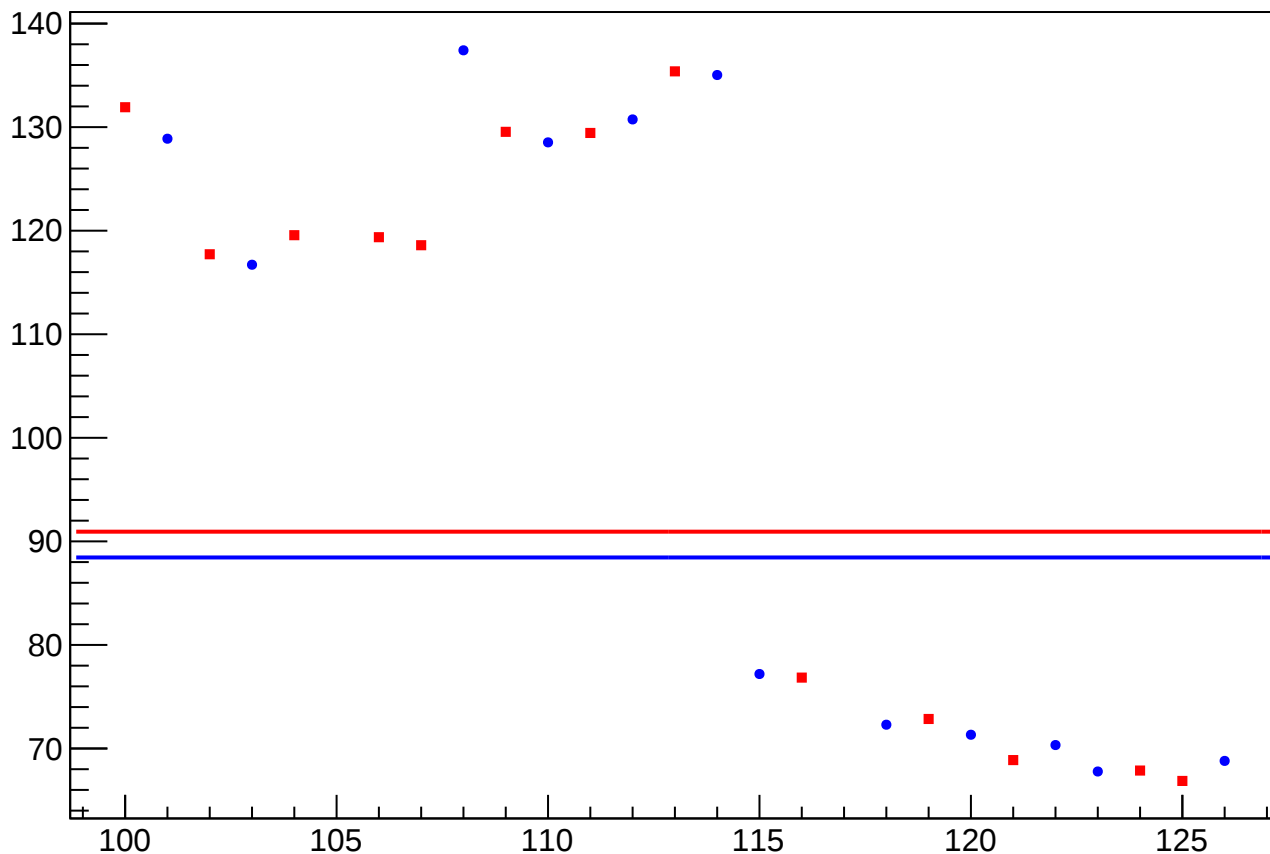
Right: 77.624 $\pm$ 31.336 χ^2 /NDF: 22.0/24

In: 112.841 $\pm$ 45.105 χ^2 /NDF:7.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 77.624 $\pm$ 31.336 χ^2 /NDF: 22.0/24

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 88.446+/-0.032 χ^2/NDF : 680229.0/11

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

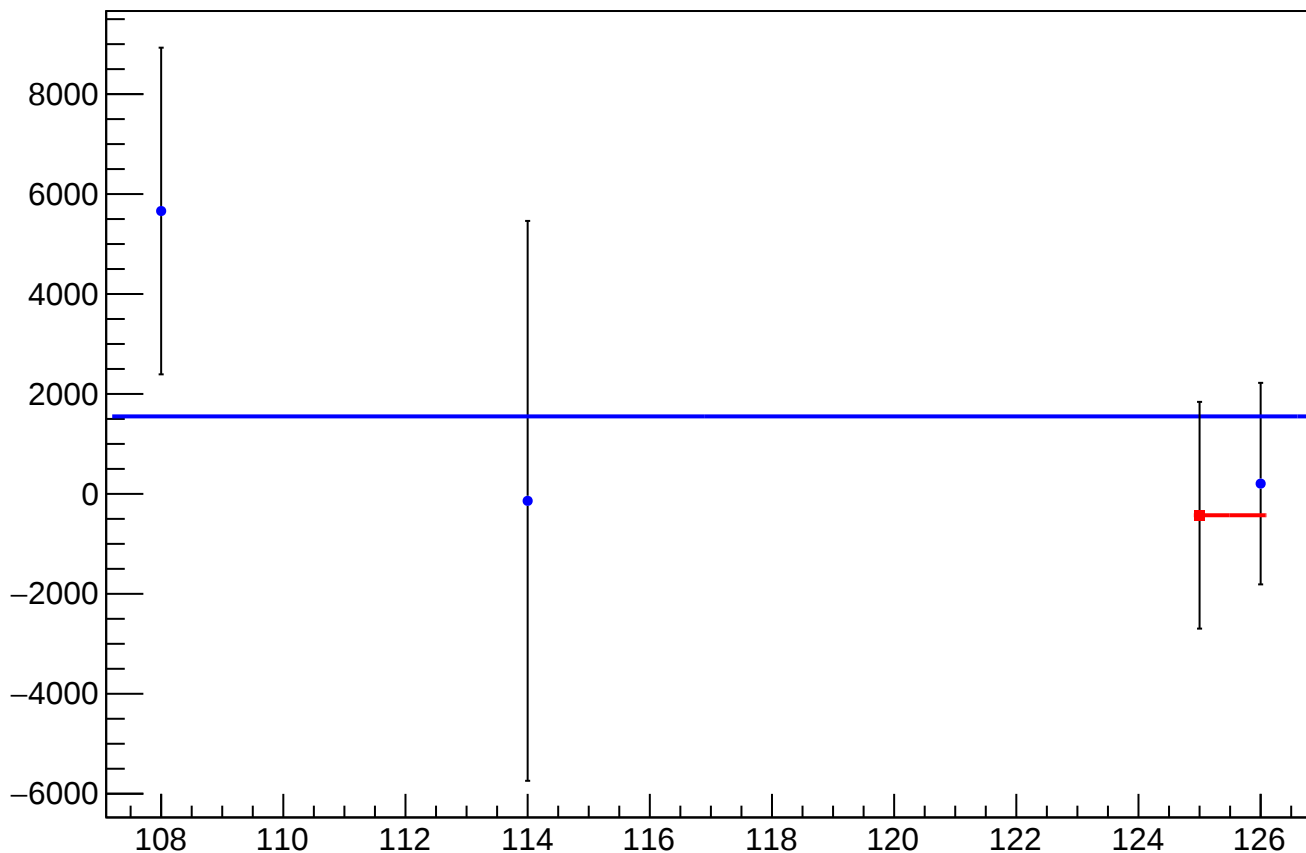
Right: 89.735+/-0.022 χ^2/NDF : 1418800.3/24

In: 88.446+/-0.032 χ^2/NDF : 680229.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.735+/-0.022 χ^2/NDF : 1418800.3/24

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: 1550.730+/-1640.872 χ^2/NDF : 2.1/2

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

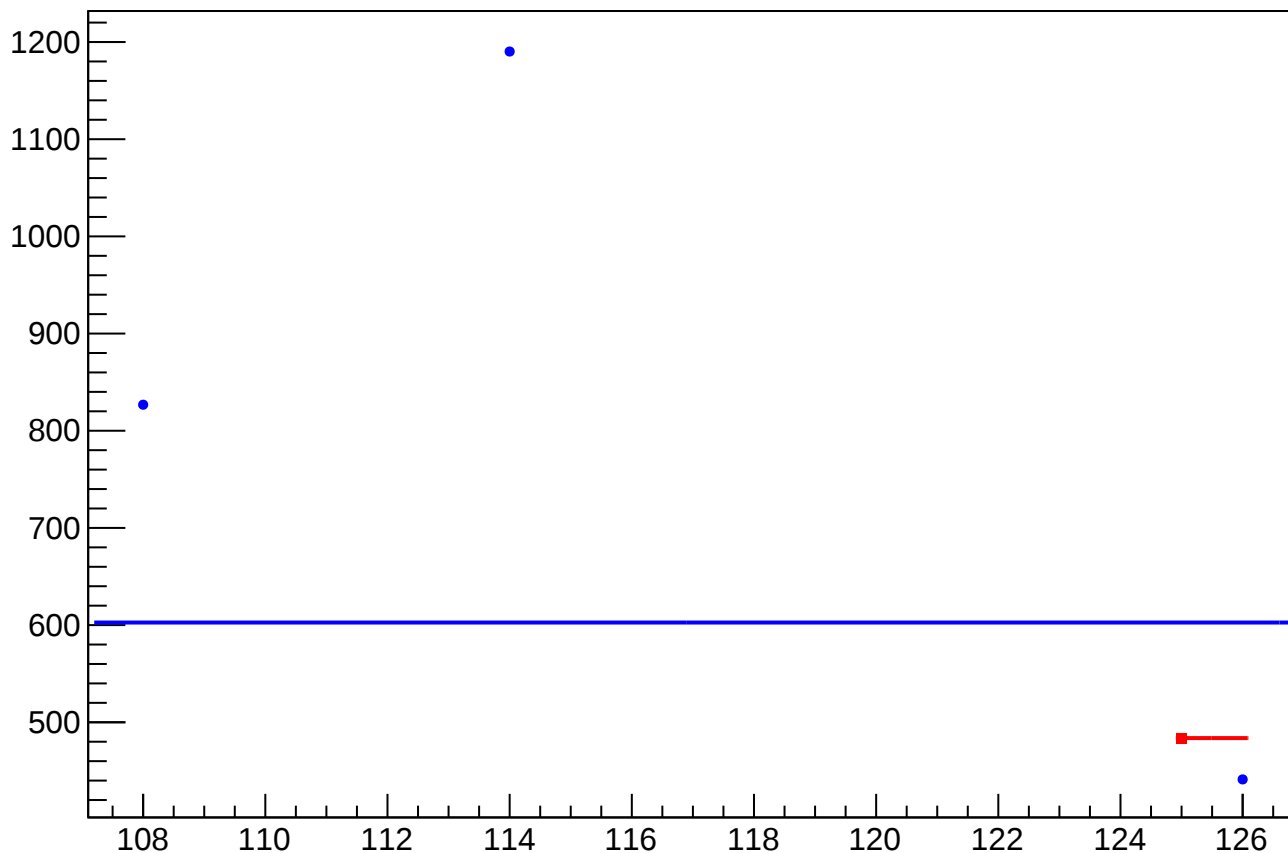
Right: 871.316+/-1329.558 χ^2/NDF : 2.6/3

In: 1550.730+/-1640.872 χ^2/NDF : 2.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 871.316+/-1329.558 χ^2/NDF : 2.6/3

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 602.647+/-1.160 χ^2/NDF : 44228.3/2

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

Right Out: 483.745+/-1.604 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

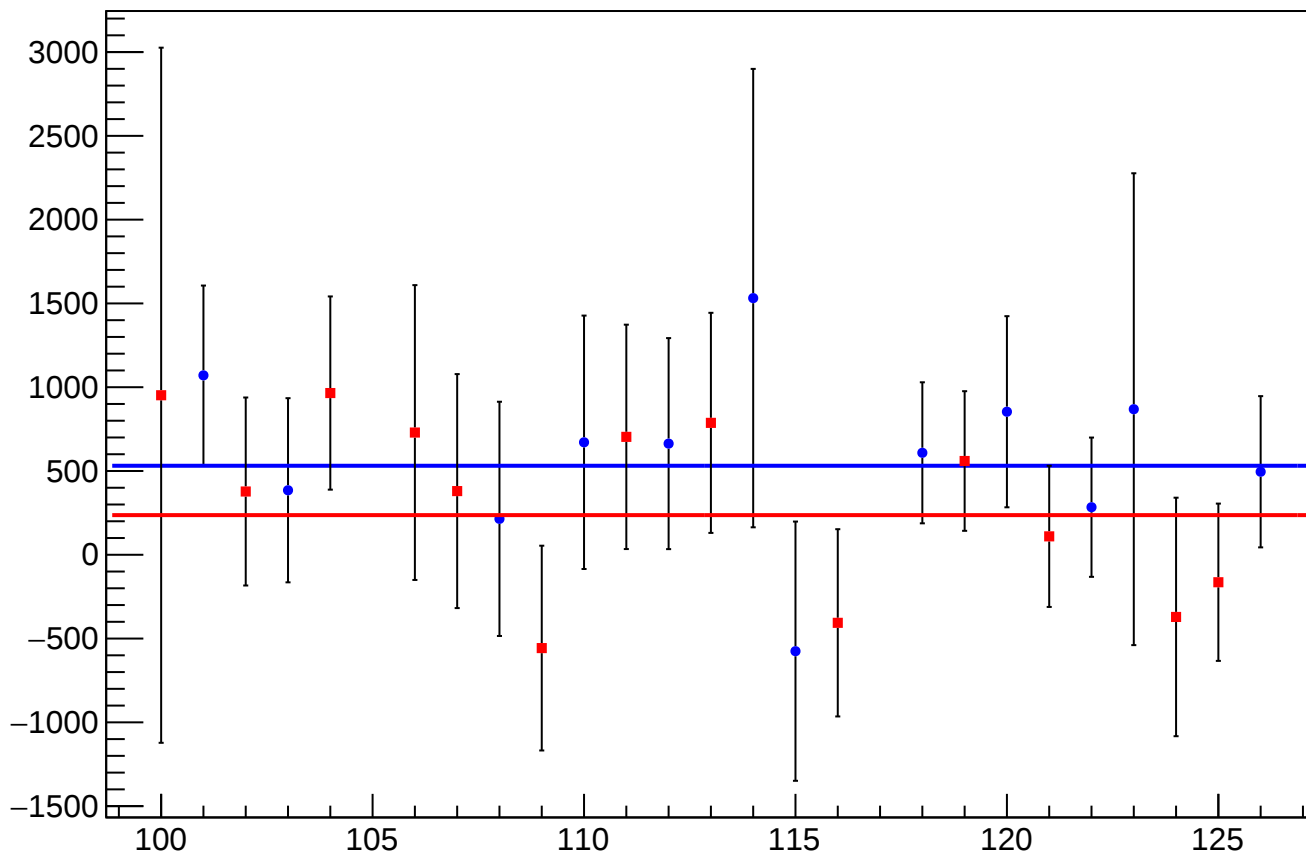
Right: 561.810+/-0.940 χ^2/NDF : 47835.2/3

In: 602.647+/-1.160 χ^2/NDF : 44228.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 561.810+/-0.940 χ^2/NDF : 47835.2/3

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 531.235+/-168.447 χ^2/NDF : 4.7/11

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

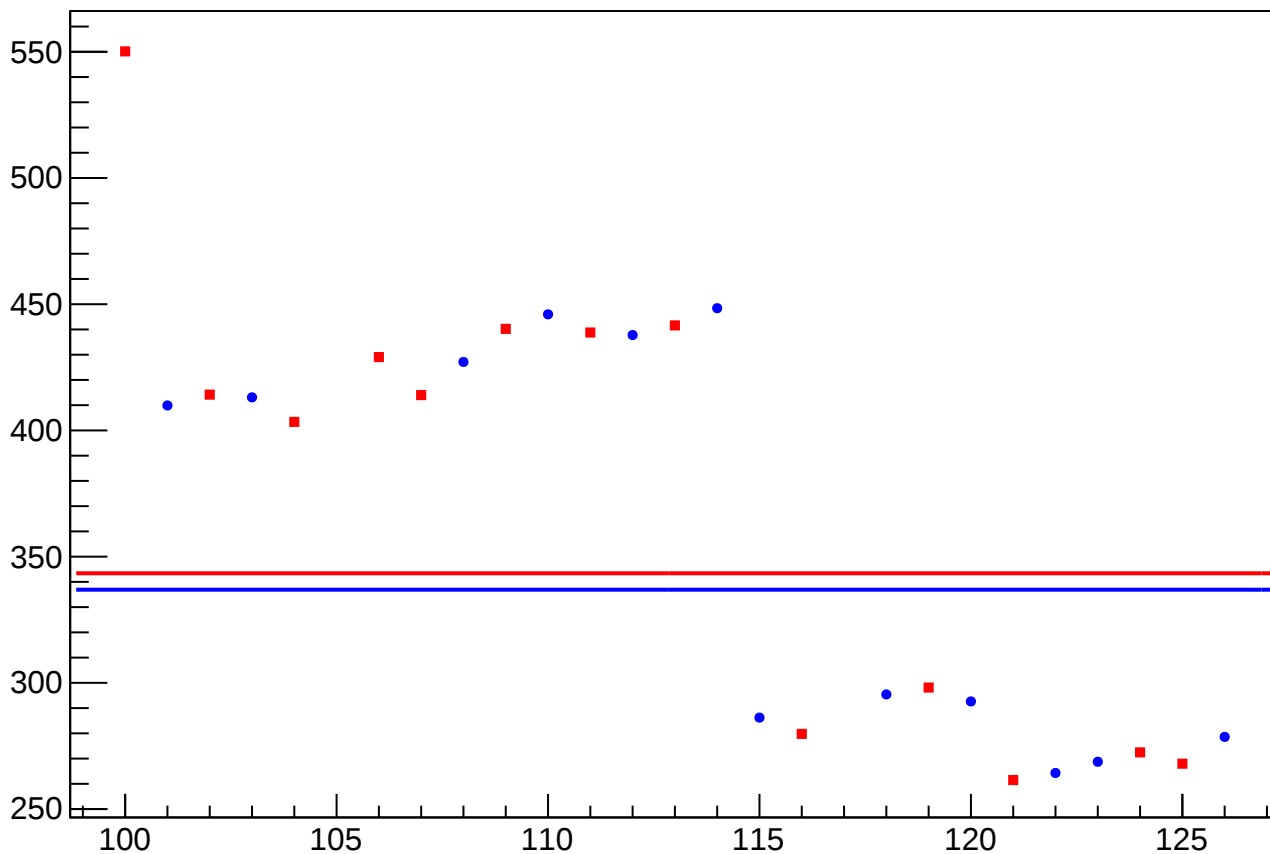
Right: 378.197+/-116.764 χ^2/NDF : 14.8/24

In: 531.235+/-168.447 χ^2/NDF : 4.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 378.197+/-116.764 χ^2/NDF : 14.8/24

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 336.903+/-0.119 χ^2/NDF : 354348.6/11

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

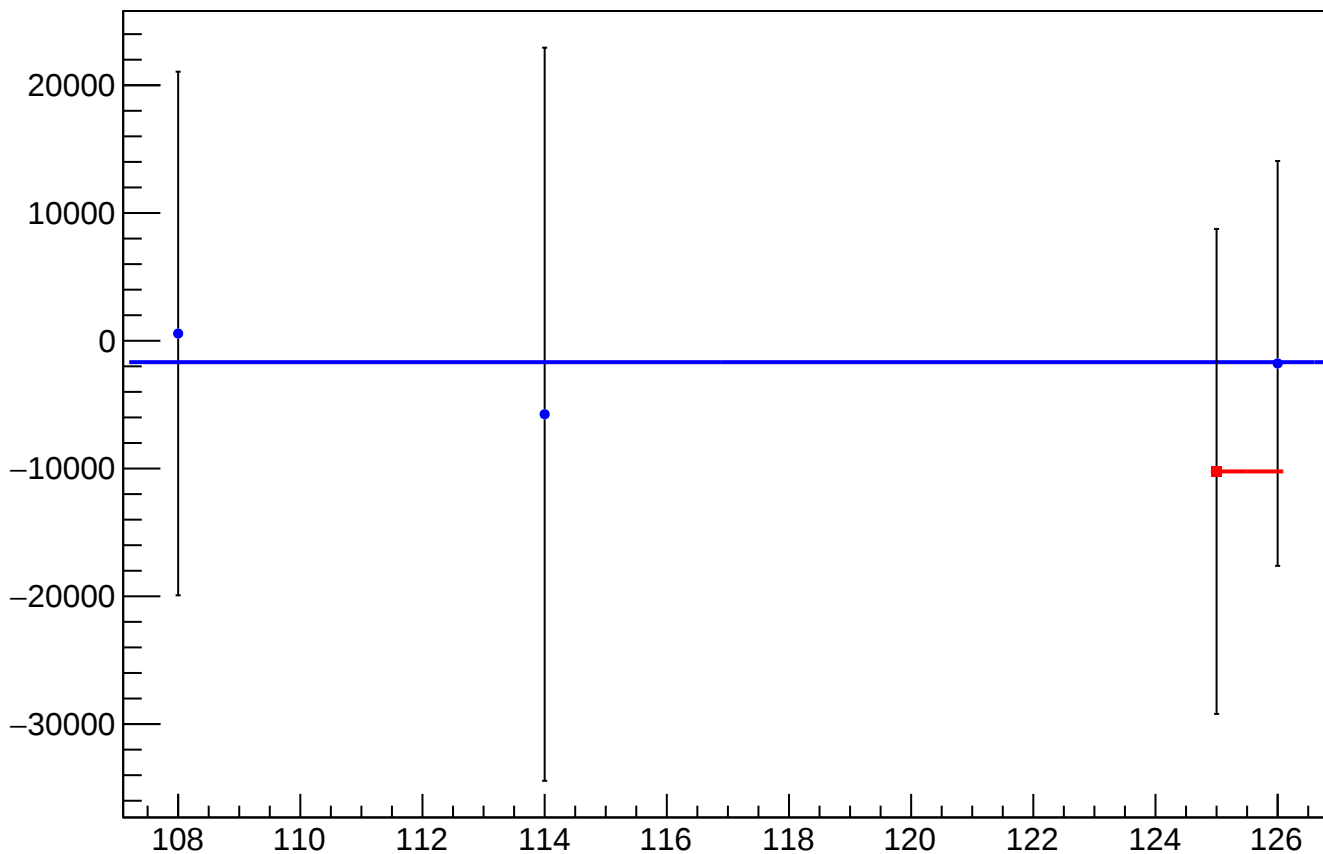
Right: 340.282+/-0.083 χ^2/NDF : 800890.7/24

In: 336.903+/-0.119 χ^2/NDF : 354348.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 340.282+/-0.083 χ^2/NDF : 800890.7/24

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -1674.588+/-11486.373 χ^2/NDF : 0.0/2

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

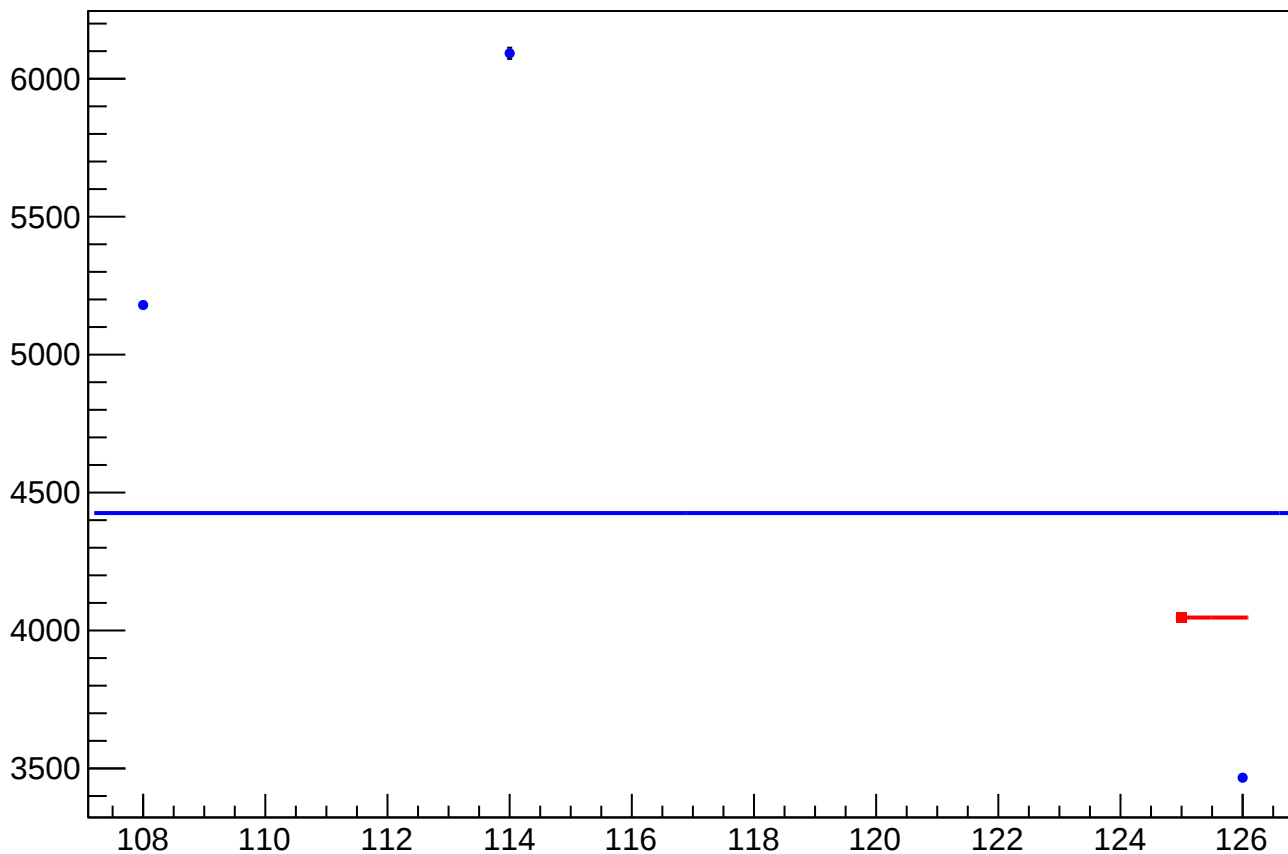
Right: -3966.836+/-9827.065 χ^2/NDF : 0.2/3

In: -1674.588+/-11486.373 χ^2/NDF : 0.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3966.836+/-9827.065 χ^2/NDF : 0.2/3

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 4425.694+/-8.122 χ^2/NDF : 16789.6/2

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

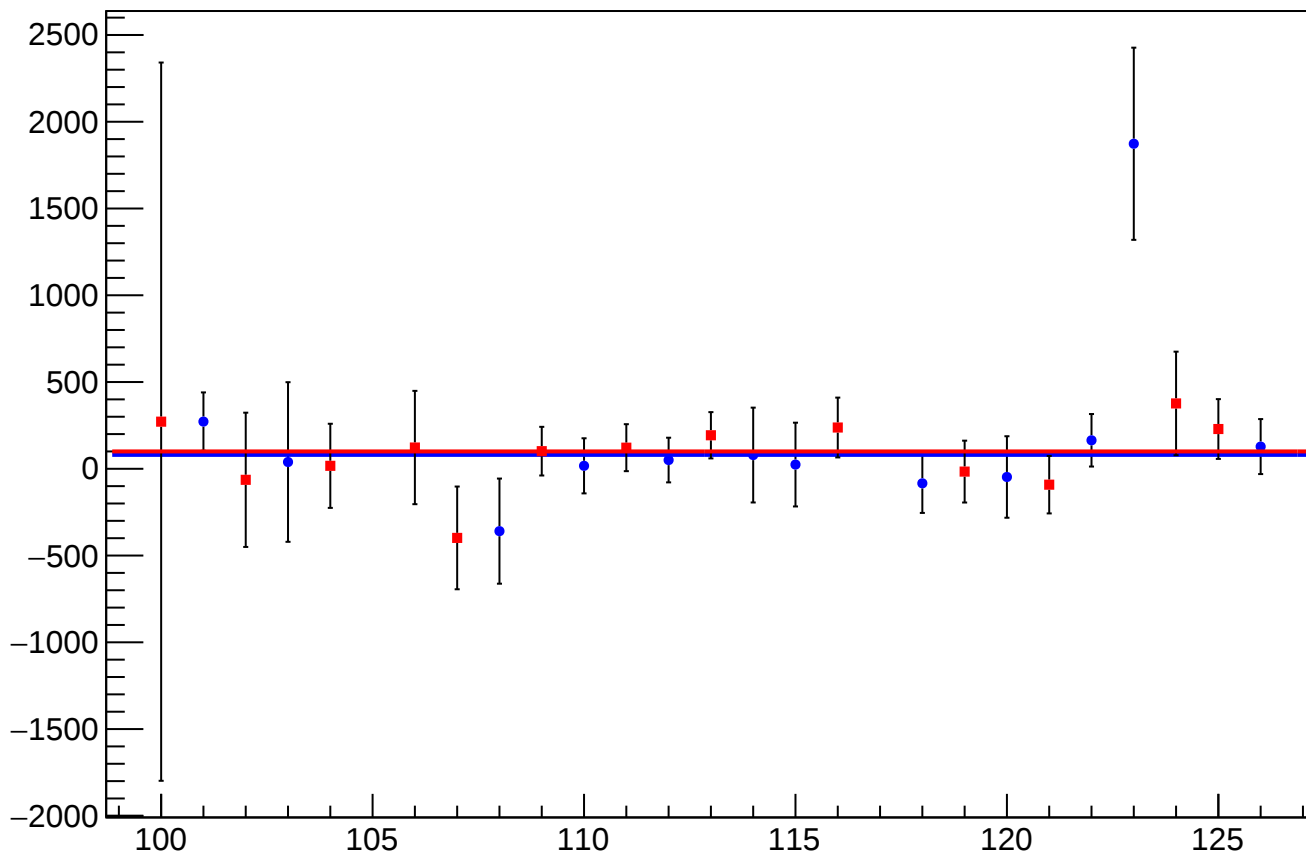
Right: 4324.177+/-6.949 χ^2/NDF : 17372.4/3

In: 4425.694+/-8.122 χ^2/NDF : 16789.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4324.177+/-6.949 χ^2/NDF : 17372.4/3

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 80.198+/-55.837 χ^2/NDF : 15.8/11

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

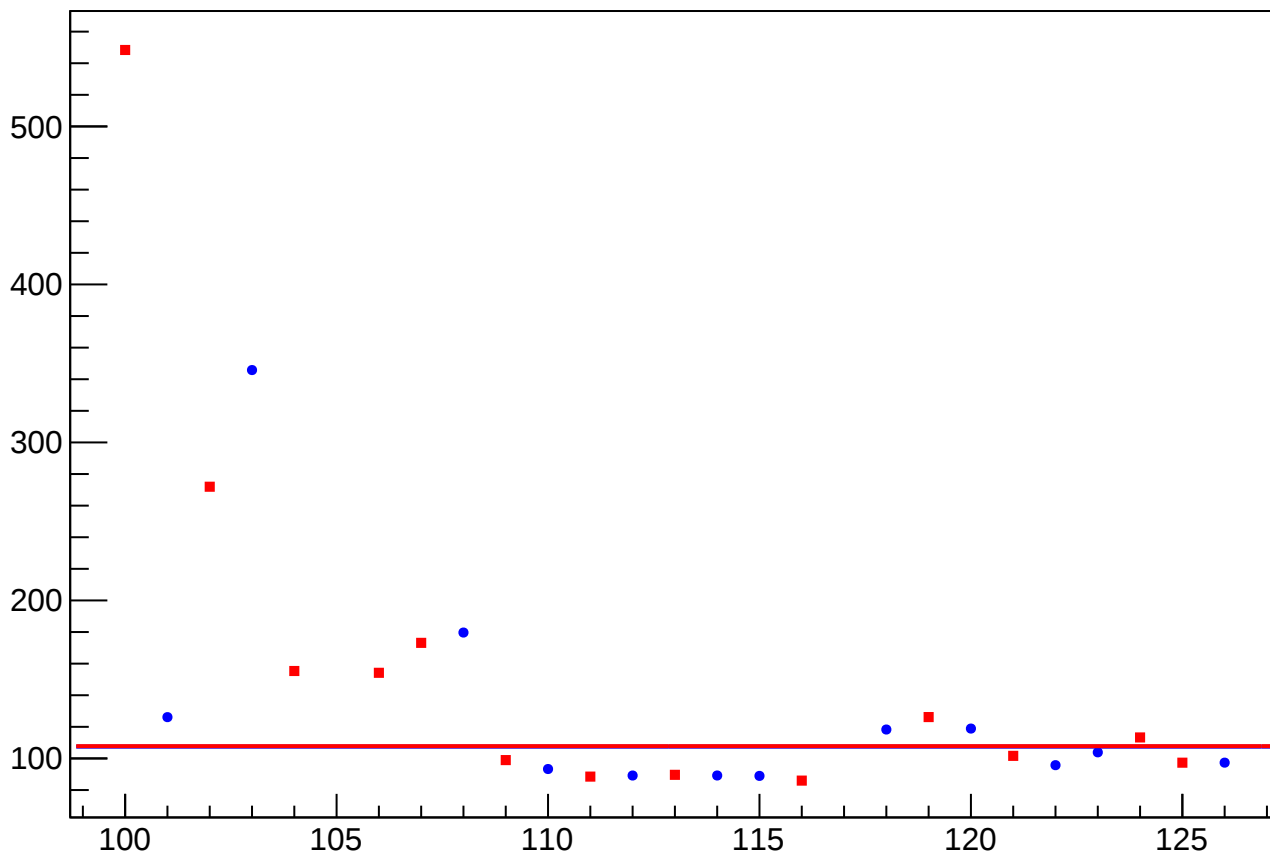
Right: 90.611+/-38.529 χ^2/NDF : 23.3/24

In: 80.198+/-55.837 χ^2/NDF : 15.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.611+/-38.529 χ^2/NDF : 23.3/24

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 107.461+/-0.039 χ^2/NDF : 785346.3/11

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

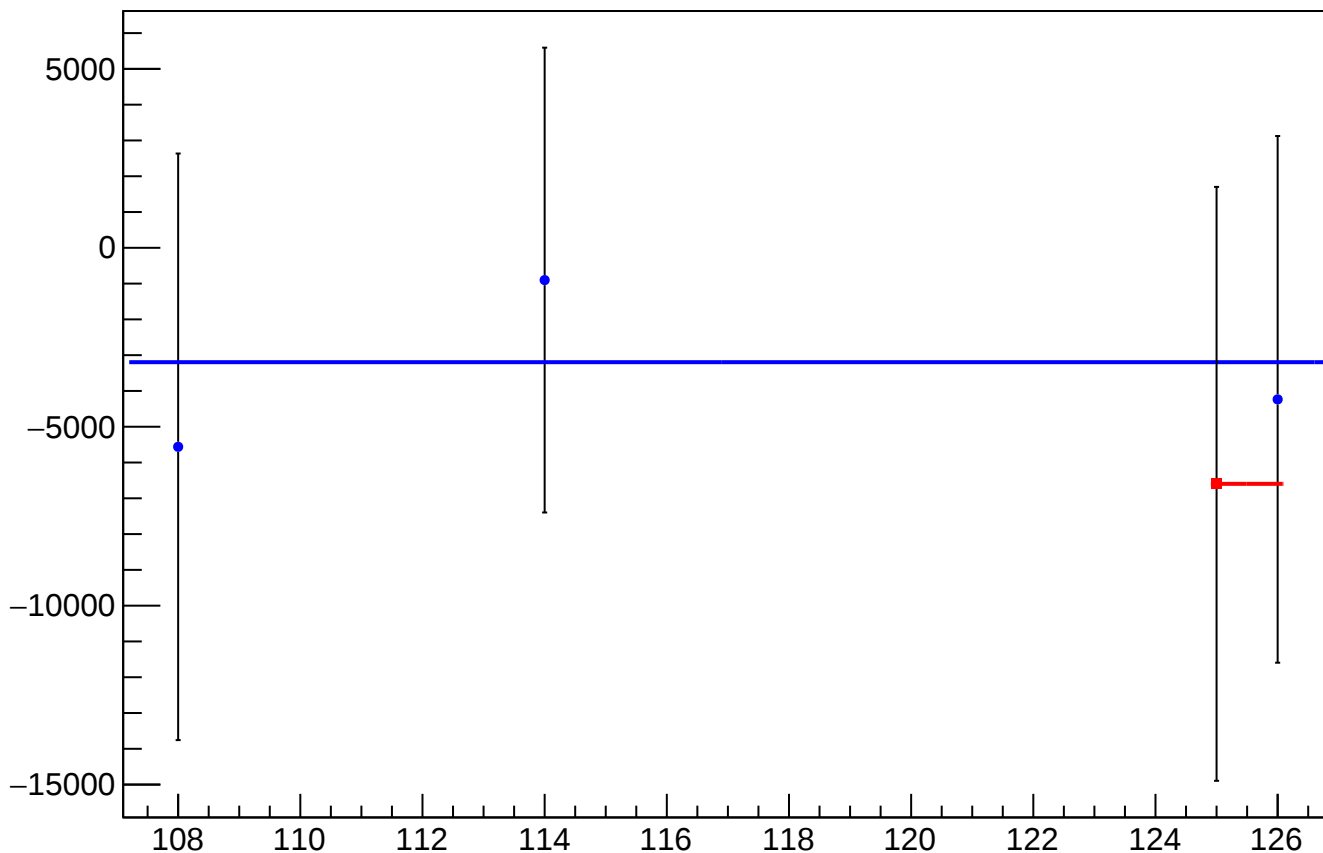
Right: 107.625+/-0.027 χ^2/NDF : 1600855.9/24

In: 107.461+/-0.039 χ^2/NDF : 785346.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.625+/-0.027 χ^2/NDF : 1600855.9/24

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -3196.190+/-4186.382 χ^2/NDF : 0.2/2

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

Right Out: -6595.867+/-8298.405 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

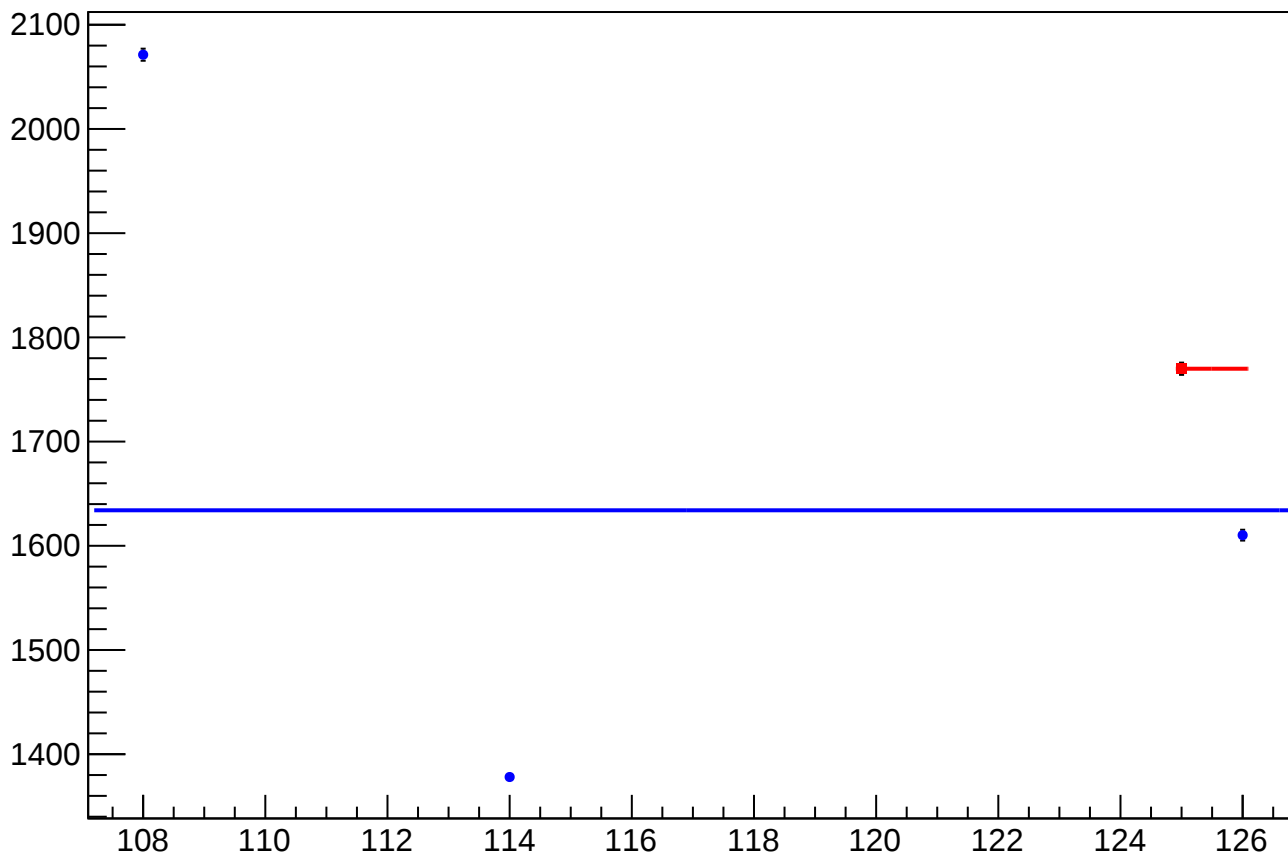
Right: -3885.882+/-3737.692 χ^2/NDF : 0.4/3

In: -3196.190+/-4186.382 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3885.882+/-3737.692 χ^2/NDF : 0.4/3

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1634.061+/-2.960 χ^2/NDF : 8818.3/2

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

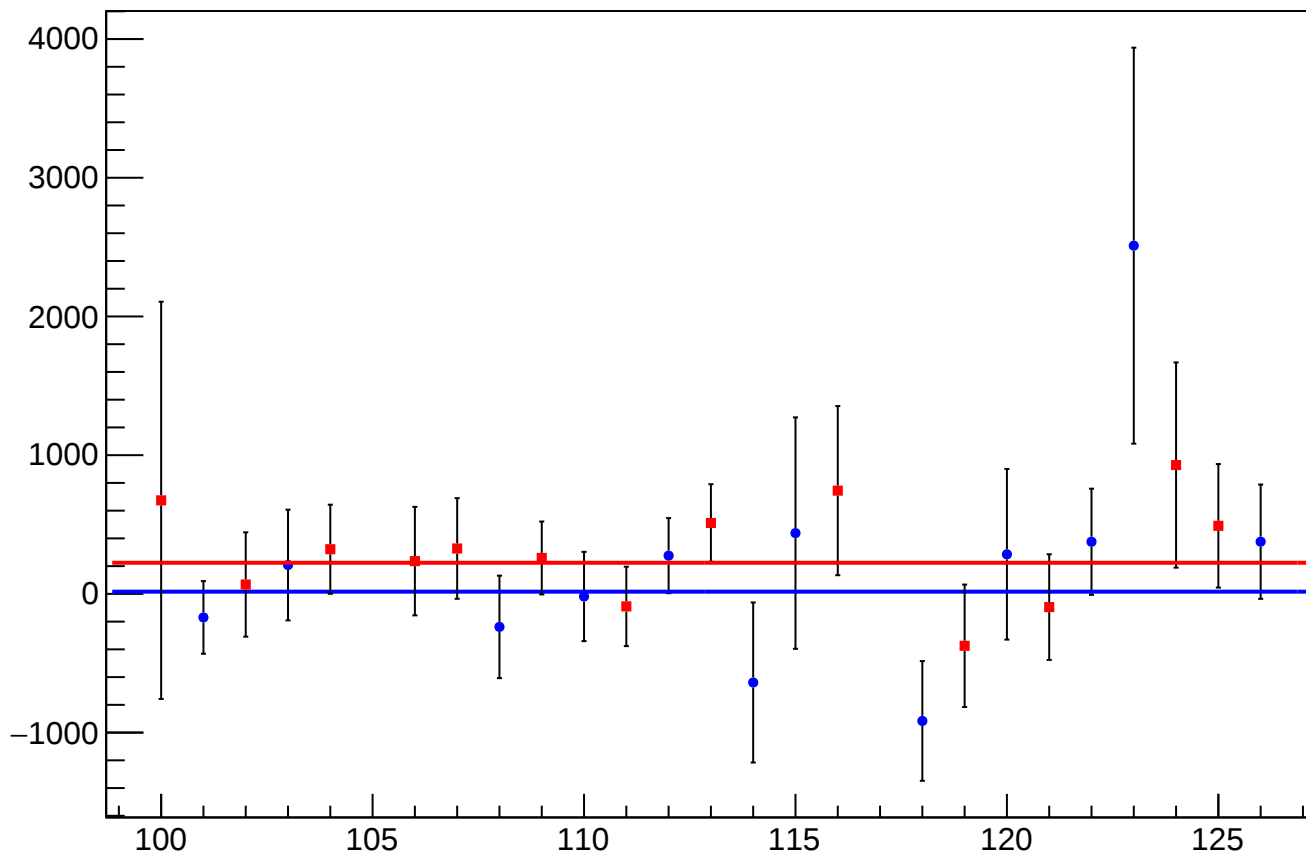
Right: 1661.622+/-2.643 χ^2/NDF : 9245.6/3

In: 1634.061+/-2.960 χ^2/NDF : 8818.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1661.622+/-2.643 χ^2/NDF : 9245.6/3

reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: 15.863+/-113.846 χ^2/NDF : 13.2/11

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

Right Out: 224.389+/-103.995 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

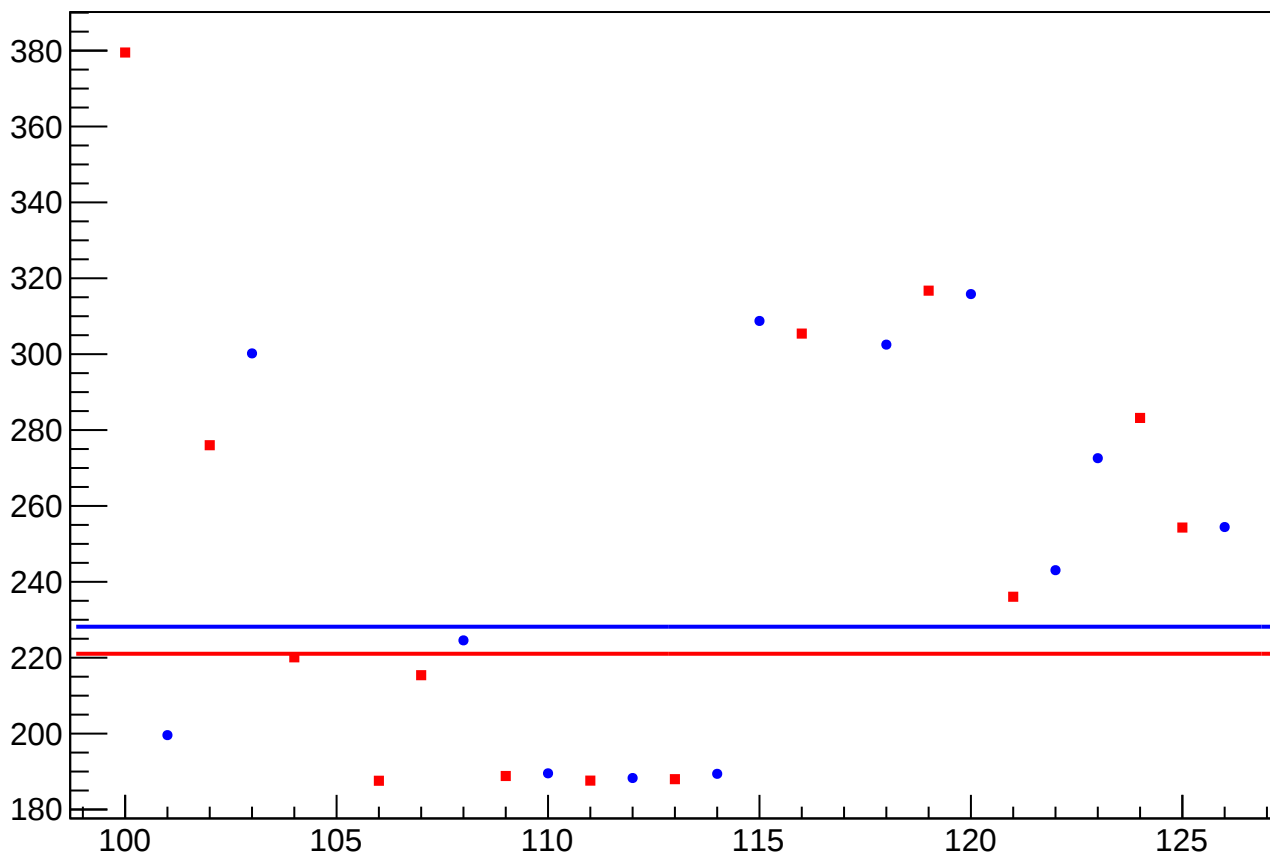
Right: 129.536+/-76.783 χ^2/NDF : 22.3/24

In: 15.863+/-113.846 χ^2/NDF : 13.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.536+/-76.783 χ^2/NDF : 22.3/24

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 228.173+/-0.081 χ^2/NDF : 302143.4/11

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

Right Out: 221.043+/-0.074 χ^2/NDF : 328357.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

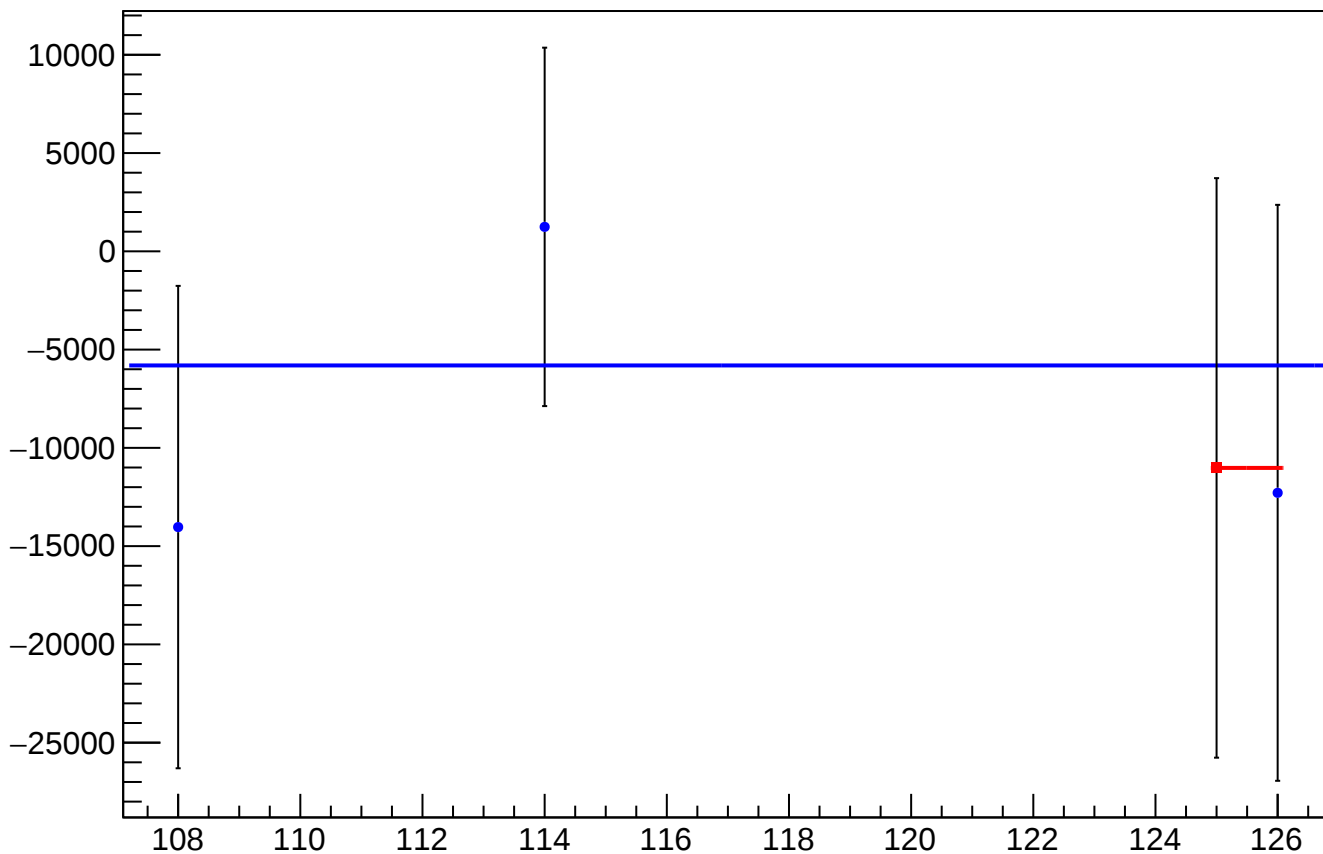
Right: 224.286+/-0.054 χ^2/NDF : 634776.7/24

In: 228.173+/-0.081 χ^2/NDF :302143.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 224.286+/-0.054 χ^2/NDF : 634776.7/24

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -5806.517+/-6547.930 χ^2/NDF : 1.2/2

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

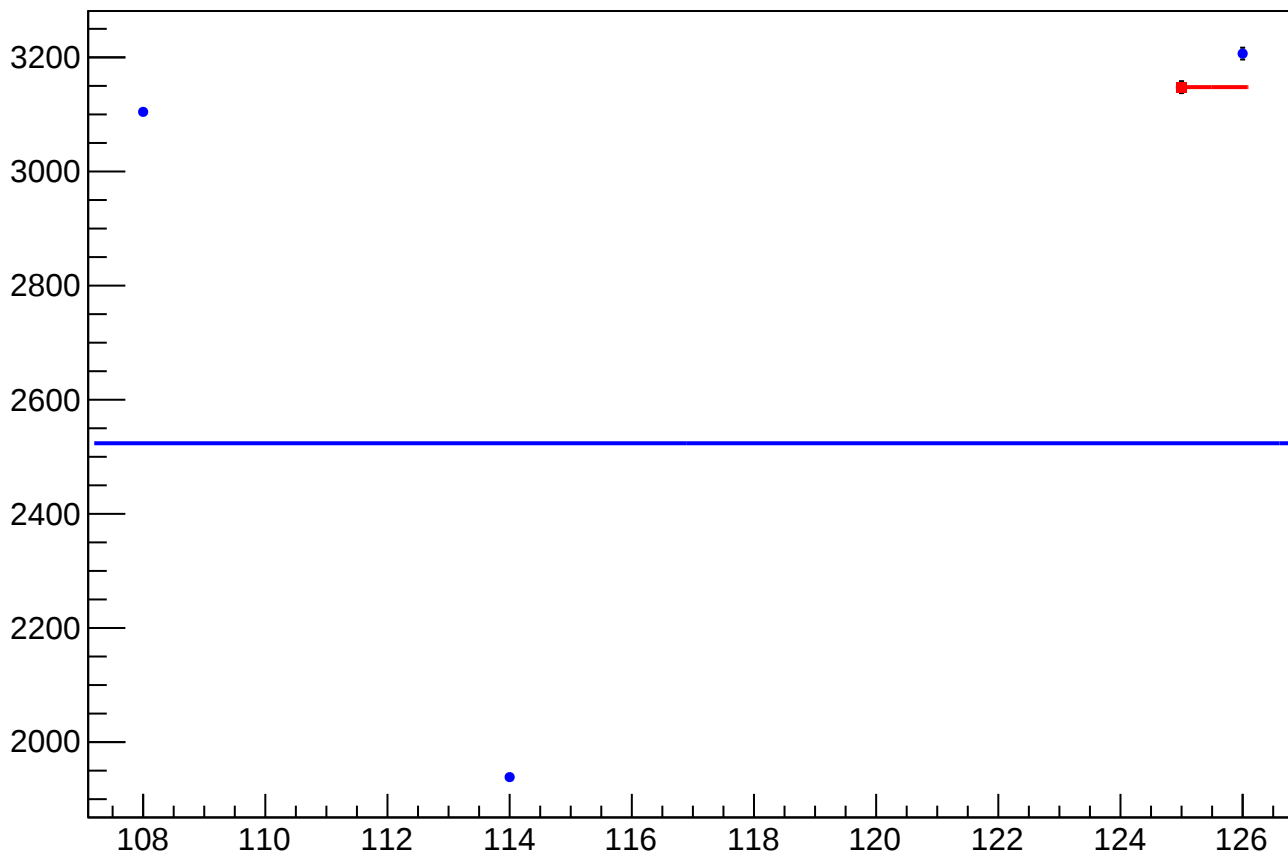
Right: -6665.465+/-5984.312 χ^2/NDF : 1.3/3

In: -5806.517+/-6547.930 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6665.465+/-5984.312 χ^2/NDF : 1.3/3

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2523.727+/-4.630 χ^2/NDF : 17056.8/2

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

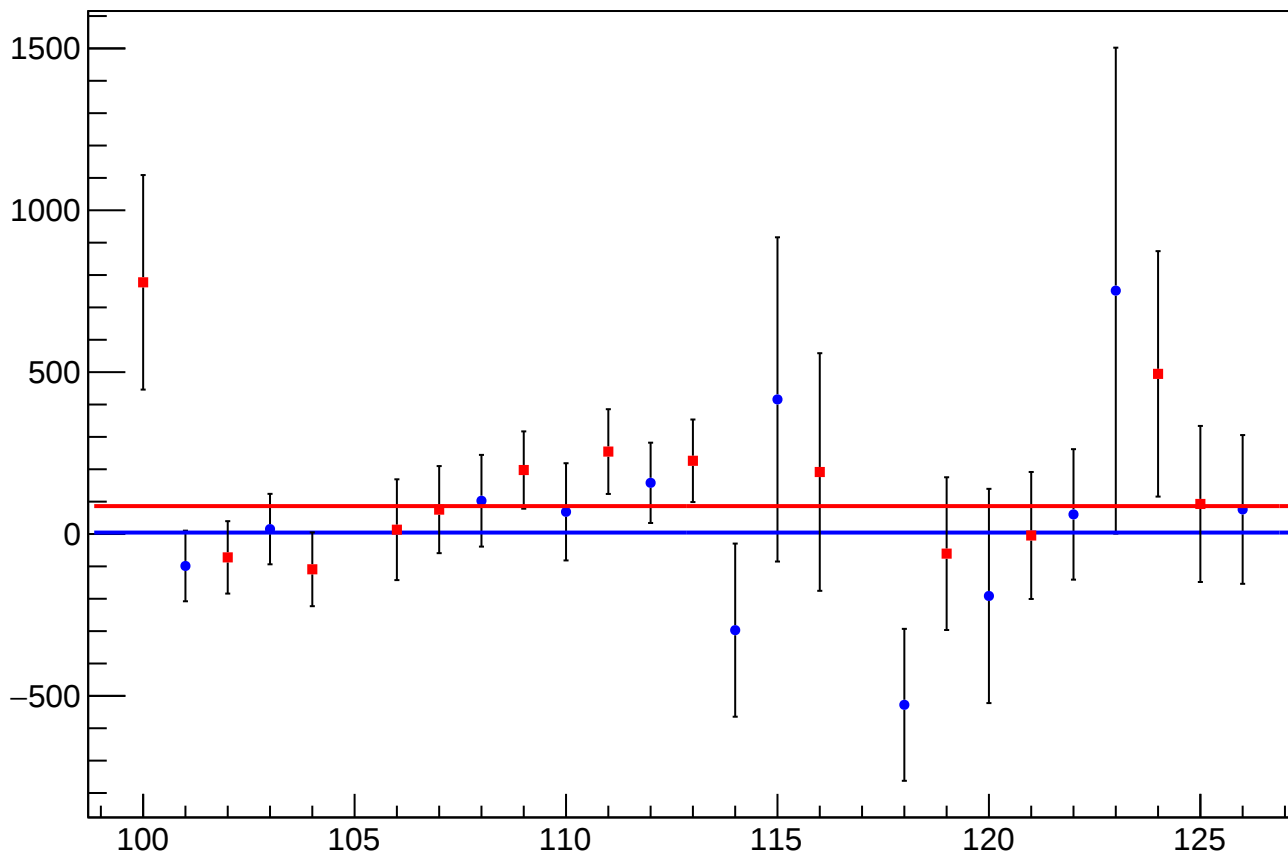
Right: 2626.550+/-4.232 χ^2/NDF : 20050.4/3

In: 2523.727+/-4.630 χ^2/NDF : 17056.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2626.550+/-4.232 χ^2/NDF : 20050.4/3

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: 4.479+/-48.895 χ^2/NDF : 11.7/11

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

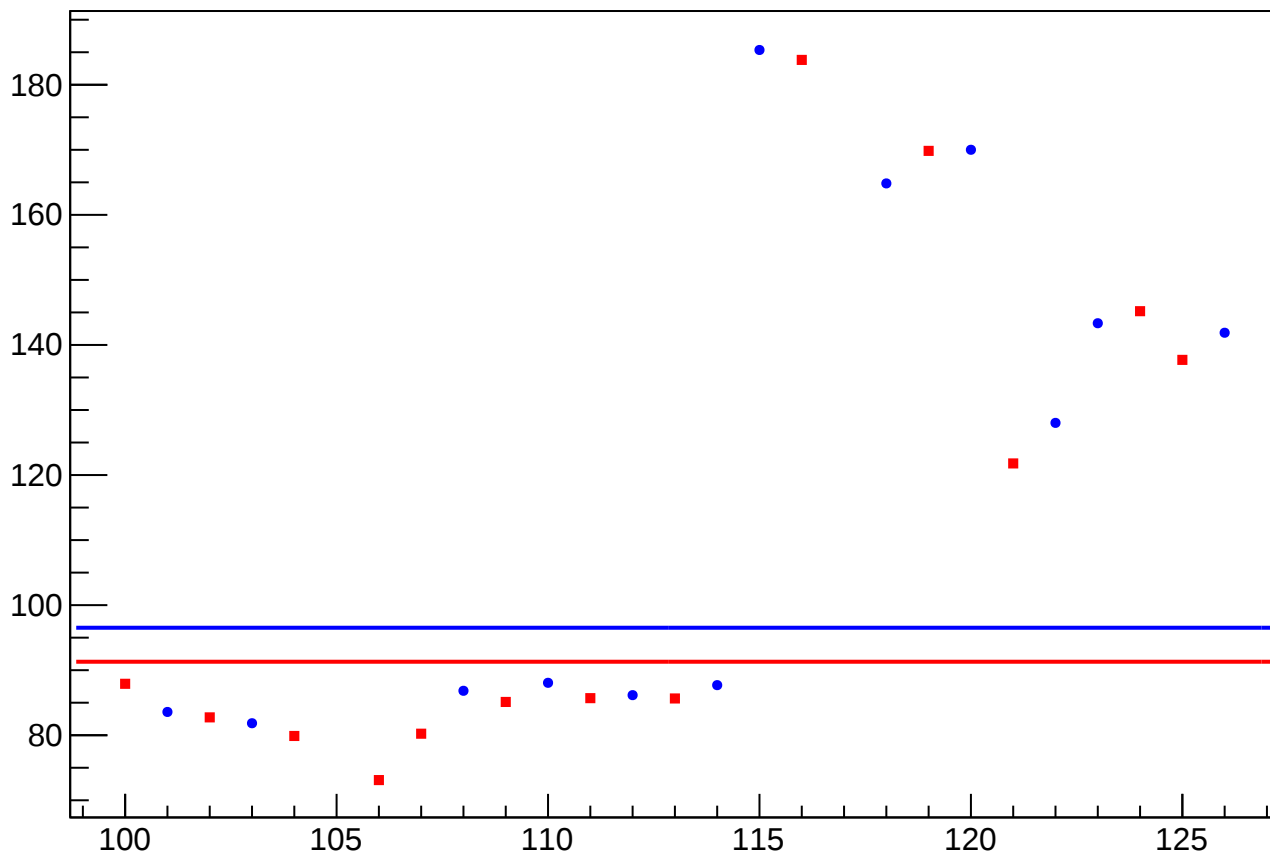
Right: 50.102+/-32.505 χ^2/NDF : 28.4/24

In: 4.479+/-48.895 χ^2/NDF : 11.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.102+/-32.505 χ^2/NDF : 28.4/24

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 96.526+/-0.035 χ^2/NDF : 561991.9/11

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

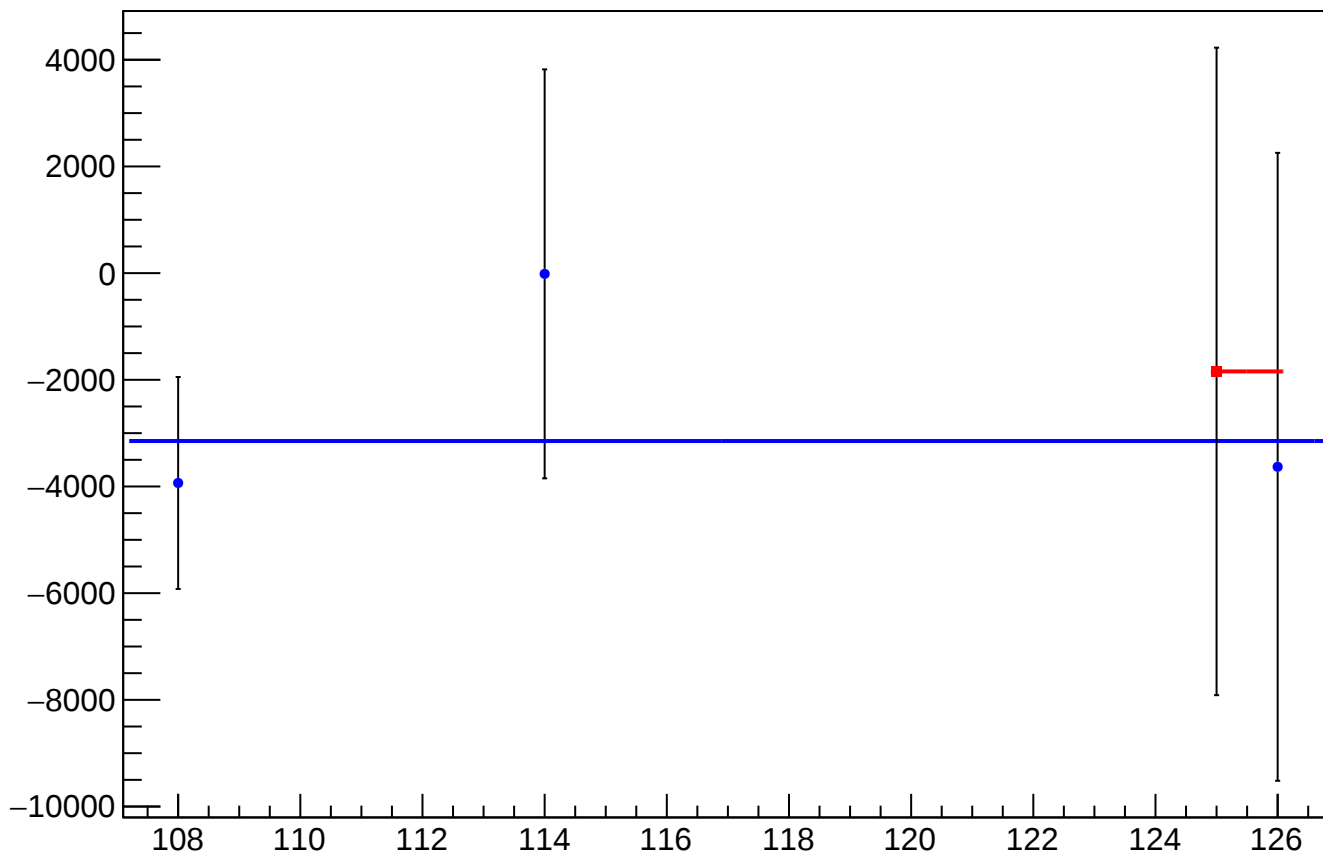
Right: 93.609+/-0.023 χ^2/NDF : 1172119.2/24

In: 96.526+/-0.035 χ^2/NDF : 561991.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.609+/-0.023 χ^2/NDF : 1172119.2/24

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: -3147.534+/-1689.822 χ^2/NDF : 0.8/2

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

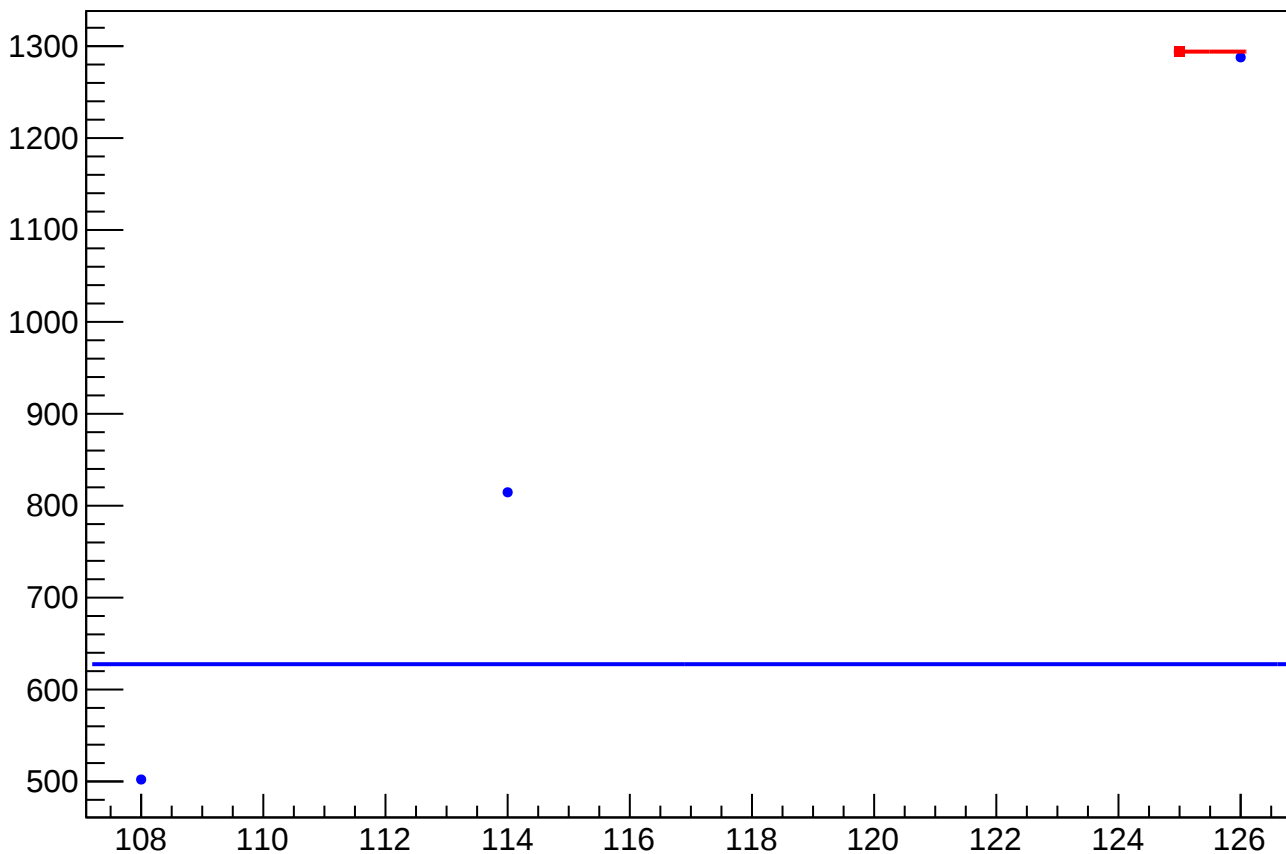
Right: -3053.669+/-1627.907 χ^2/NDF : 0.9/3

In: -3147.534+/-1689.822 χ^2/NDF : 0.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3053.669+/-1627.907 χ^2/NDF : 0.9/3

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 627.583+/-1.195 χ^2/NDF : 37897.3/2

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

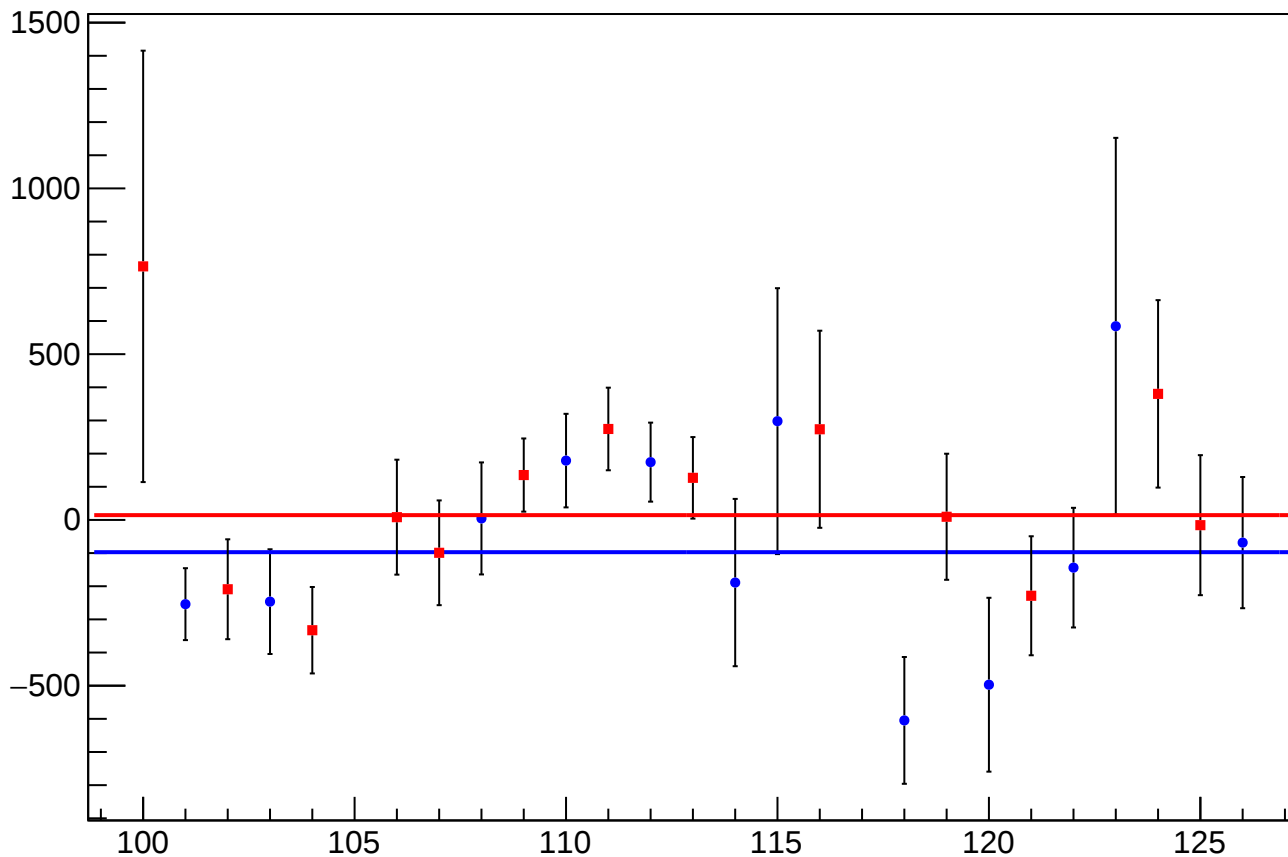
Right: 675.528+/-1.151 χ^2/NDF : 60277.8/3

In: 627.583+/-1.195 χ^2/NDF : 37897.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 675.528+/-1.151 χ^2/NDF : 60277.8/3

reg_asym_sam6_mean vs Slug, Sign Corrected



Right In: -97.271+/-49.753 χ^2/NDF : 24.4/11

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

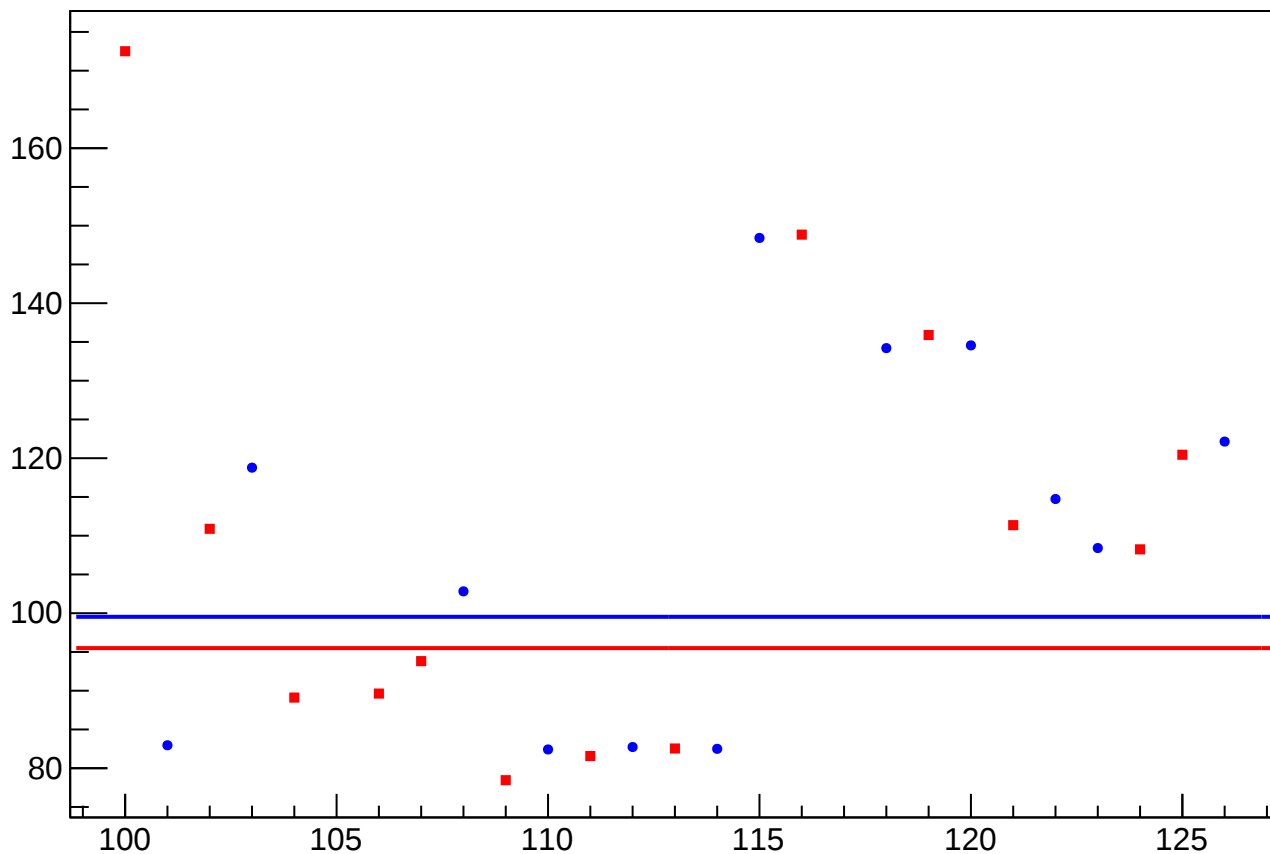
Right: -35.683+/-33.330 χ^2/NDF : 49.0/24

In: -97.271+/-49.753 χ^2/NDF : 24.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.683+/-33.330 χ^2/NDF : 49.0/24

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 99.535+/-0.035 χ^2/NDF : 327390.8/11

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

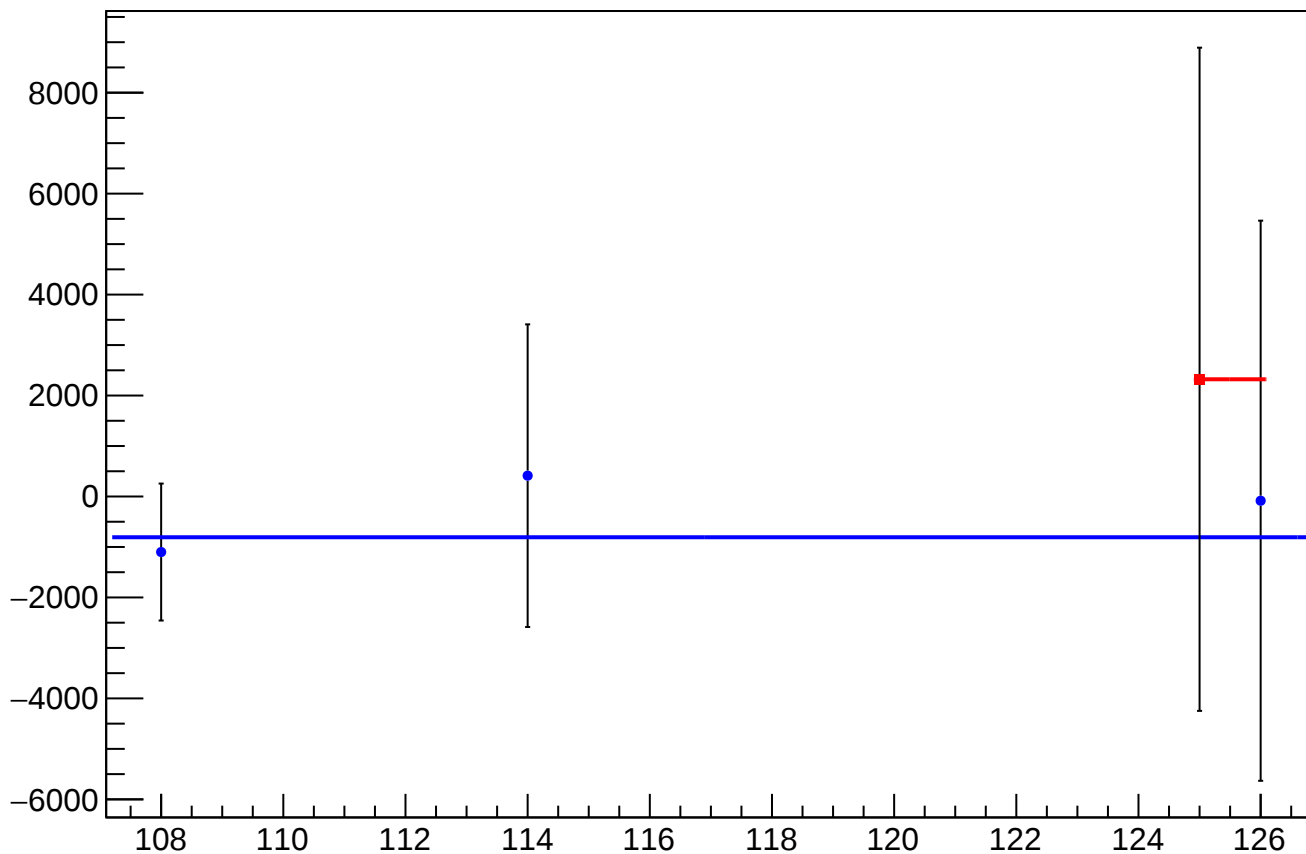
Right: 97.311+/-0.024 χ^2/NDF : 688034.4/24

In: 99.535+/-0.035 χ^2/NDF :327390.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 97.311+/-0.024 χ^2/NDF : 688034.4/24

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: -807.405+/-1206.406 χ^2/NDF : 0.2/2

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

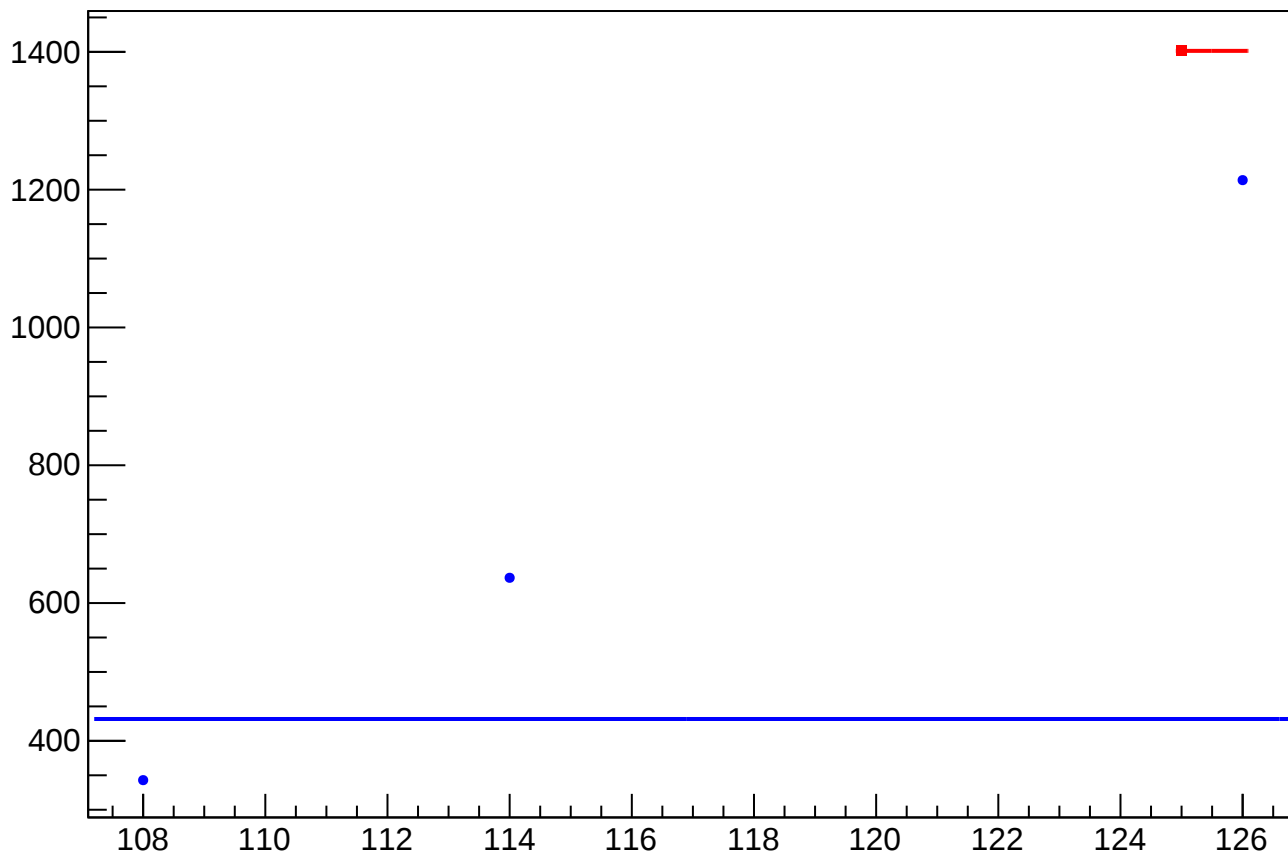
Right: -705.303+/-1186.564 χ^2/NDF : 0.4/3

In: -807.405+/-1206.406 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -705.303+/-1186.564 χ^2/NDF : 0.4/3

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 431.721+/-0.853 χ^2/NDF : 57648.3/2

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

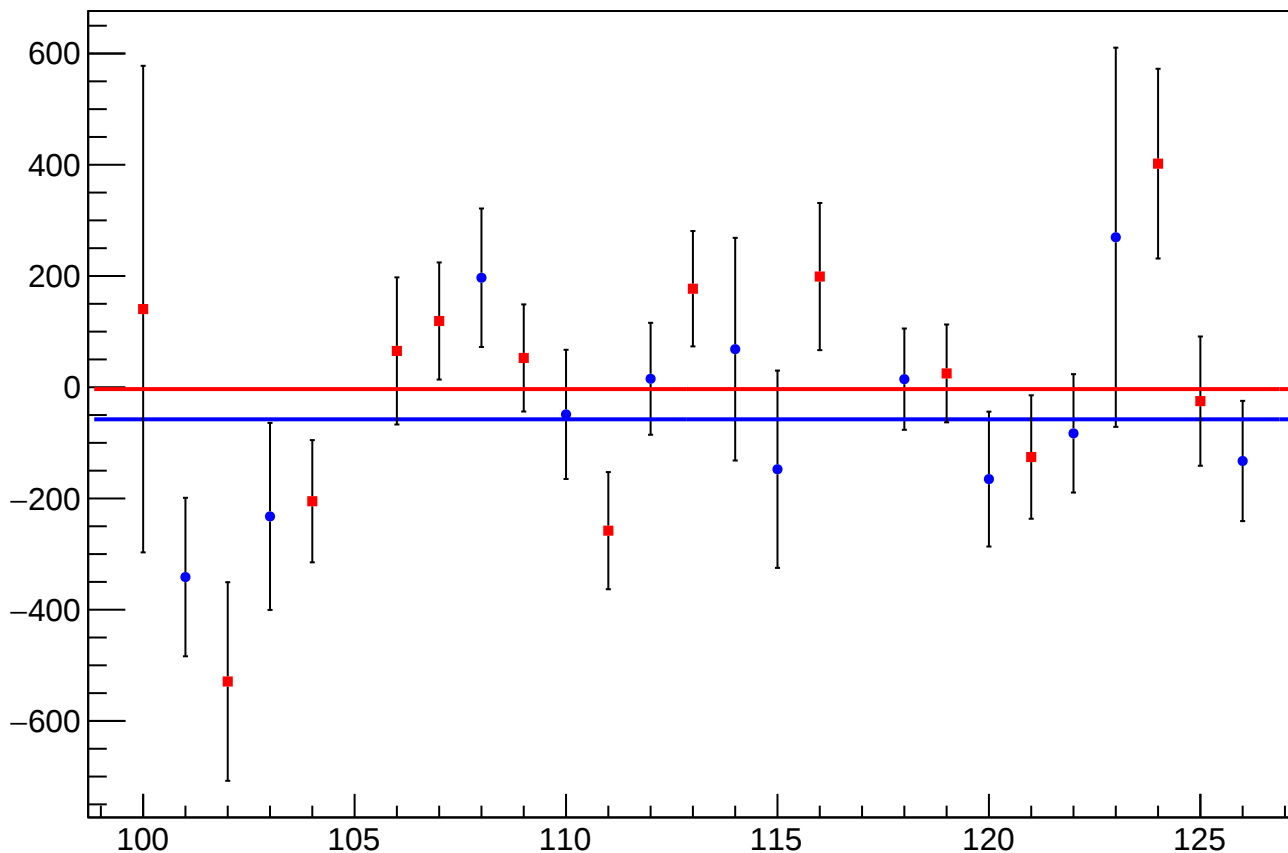
Right: 463.357+/-0.839 χ^2/NDF : 99807.6/3

In: 431.721+/-0.853 χ^2/NDF : 57648.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.357+/-0.839 χ^2/NDF : 99807.6/3

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.685 ± 36.522 χ^2/NDF : 13.3/11

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

Right Out: -3.329 ± 32.726 χ^2/NDF : 32.3/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

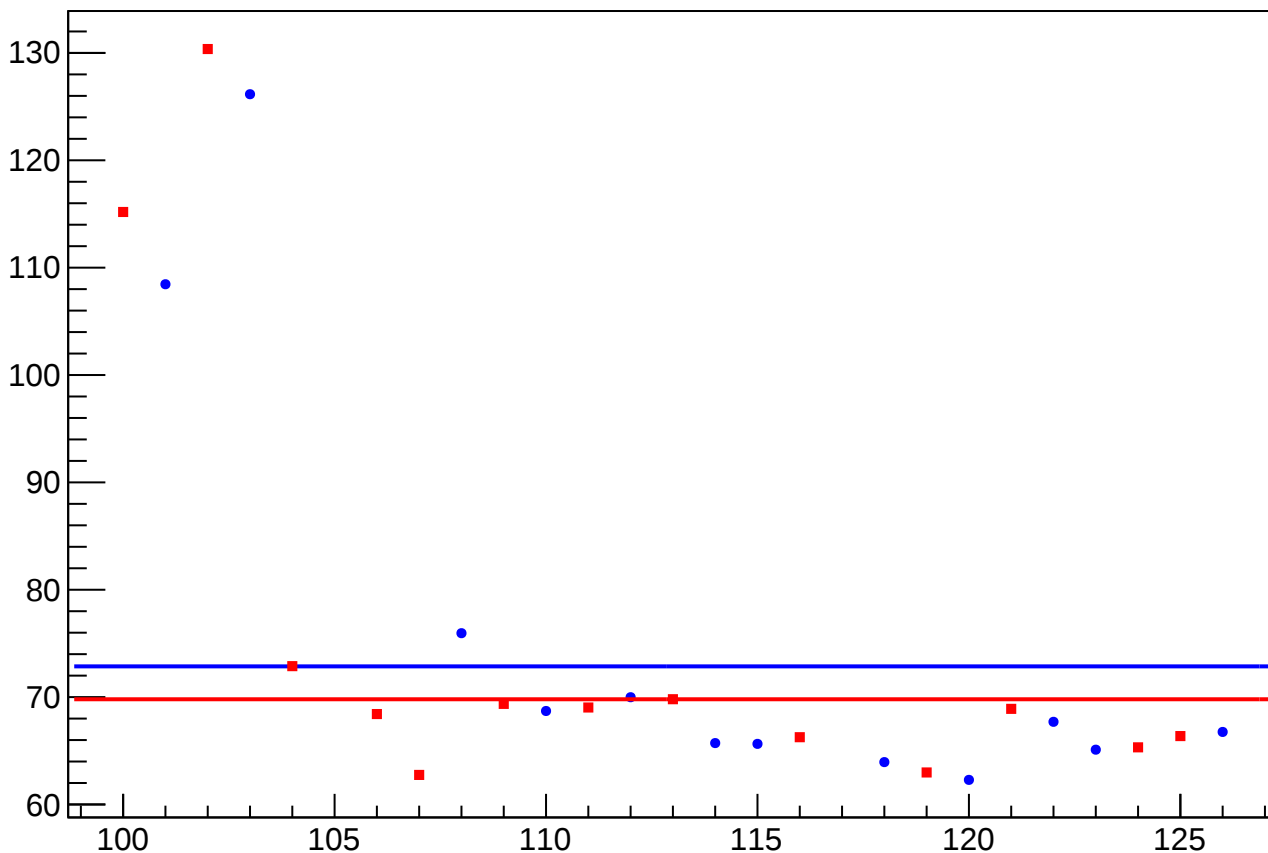
Right: -27.536 ± 24.373 χ^2/NDF : 46.8/24

In: -57.685 ± 36.522 χ^2/NDF : 13.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -27.536 ± 24.373 χ^2/NDF : 46.8/24

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.863+/-0.026 χ^2/NDF : 383521.7/11

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

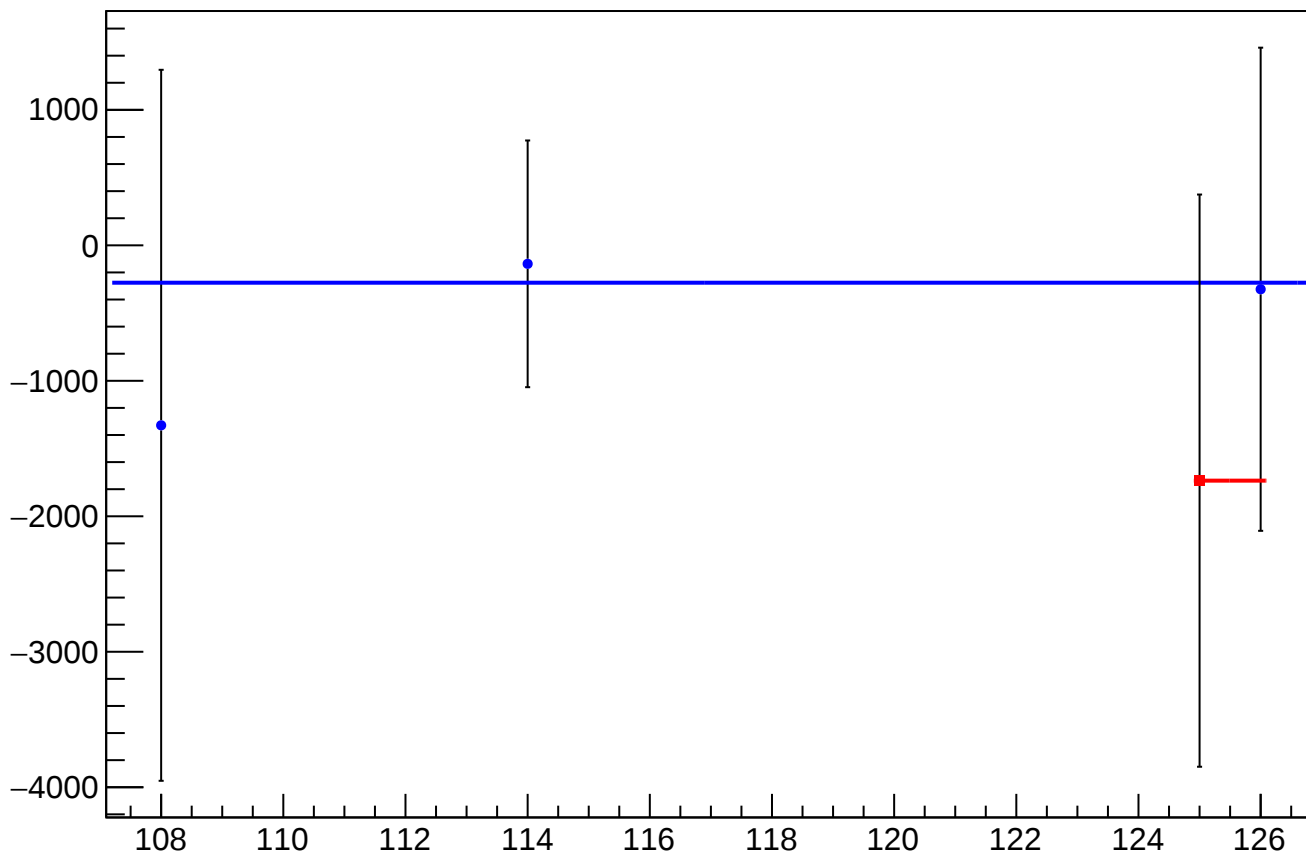
Right: 71.163+/-0.017 χ^2/NDF : 670589.0/24

In: 72.863+/-0.026 χ^2/NDF : 383521.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.163+/-0.017 χ^2/NDF : 670589.0/24

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -275.863+/-774.764 χ^2/NDF : 0.2/2

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

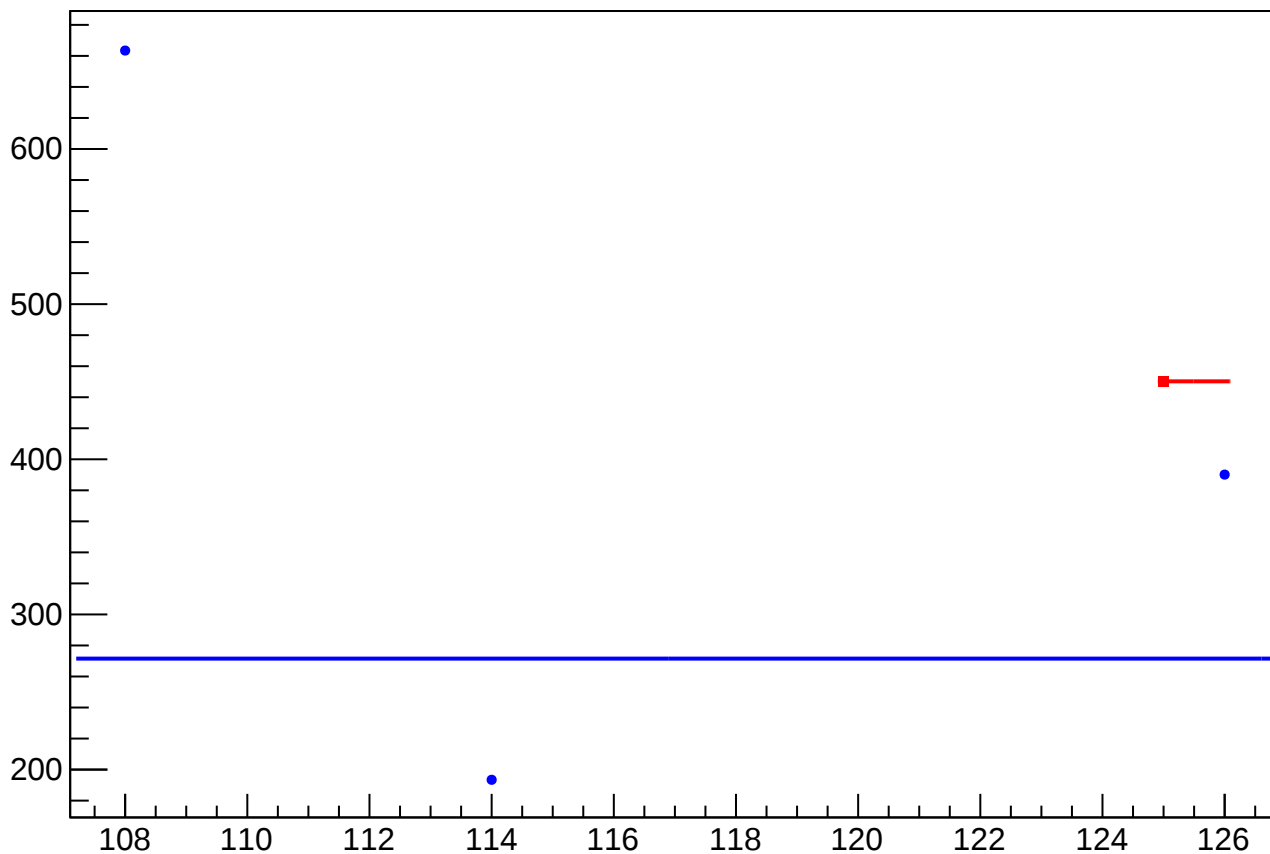
Right: -449.178+/-727.360 χ^2/NDF : 0.6/3

In: -275.863+/-774.764 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -449.178+/-727.360 χ^2/NDF : 0.6/3

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 271.531 ± 0.548 χ^2/NDF : 68184.3/2

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

Right Out: 450.241 ± 1.493 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

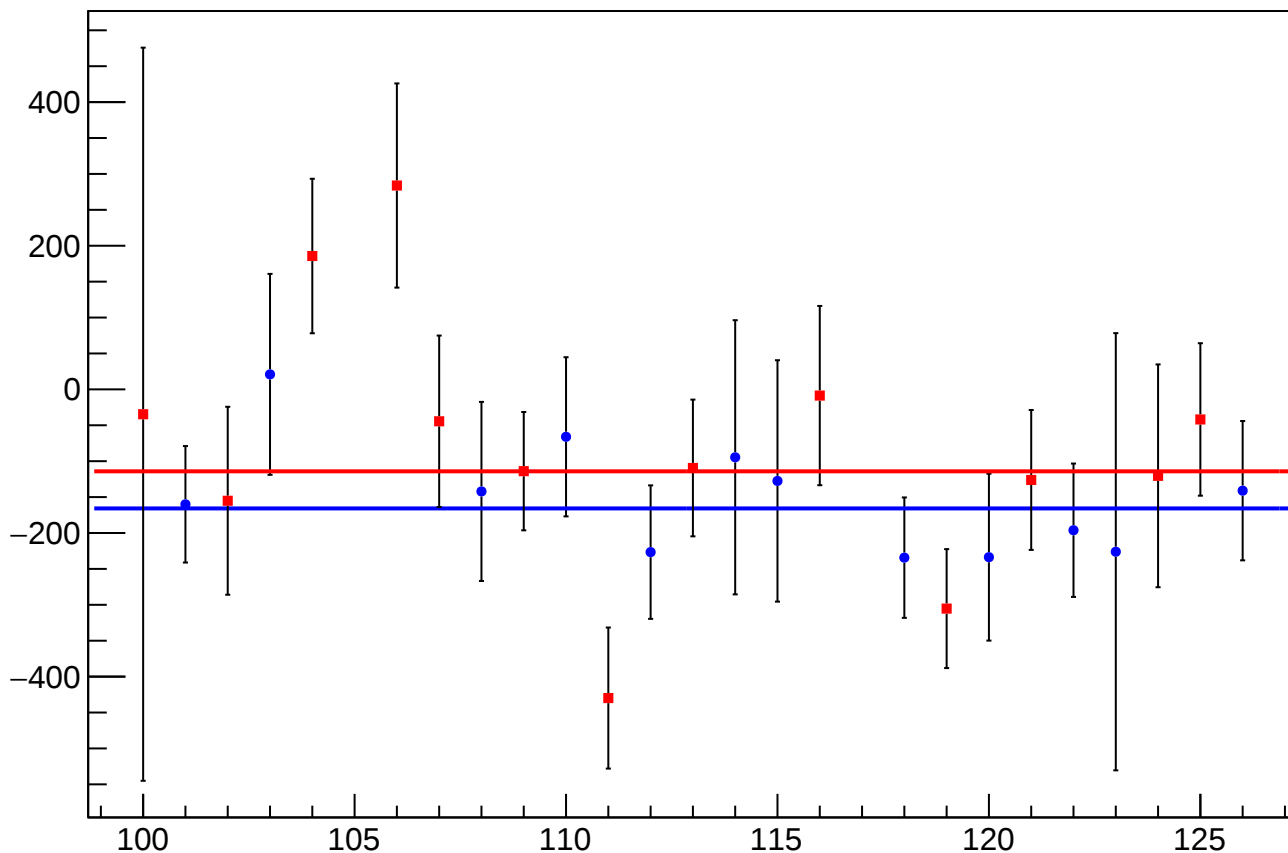
Right: 292.730 ± 0.514 χ^2/NDF : 80807.6/3

In: 271.531 ± 0.548 χ^2/NDF : 68184.3/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 292.730 ± 0.514 χ^2/NDF : 80807.6/3

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -165.796 ± 31.995 χ^2/NDF : 4.5/11

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

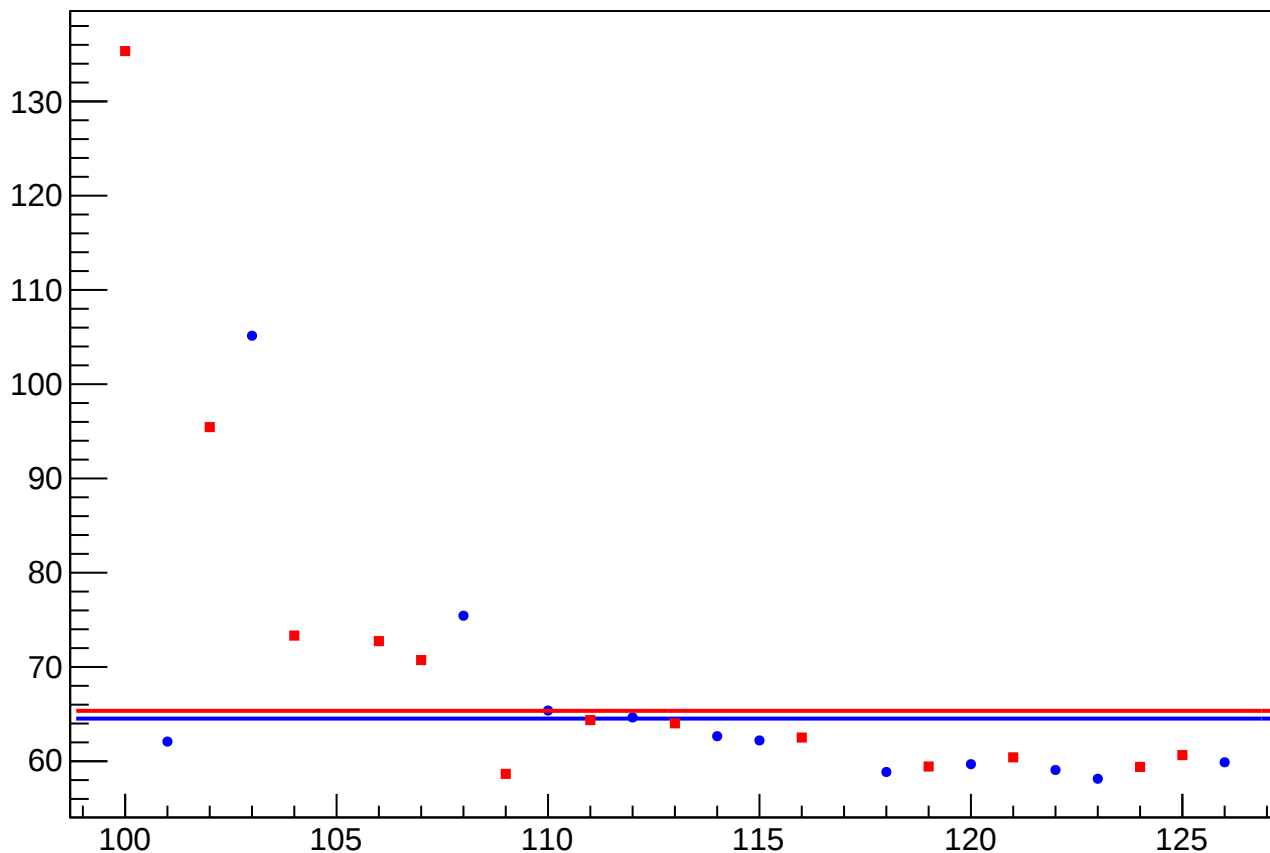
Right: -138.720 ± 22.074 χ^2/NDF : 38.8/24

In: -165.796 ± 31.995 χ^2/NDF : 4.5/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -138.720 ± 22.074 χ^2/NDF : 38.8/24

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 64.524+/-0.023 χ^2/NDF : 211383.2/11

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

Right Out: 65.347+/-0.022 χ^2/NDF : 200876.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

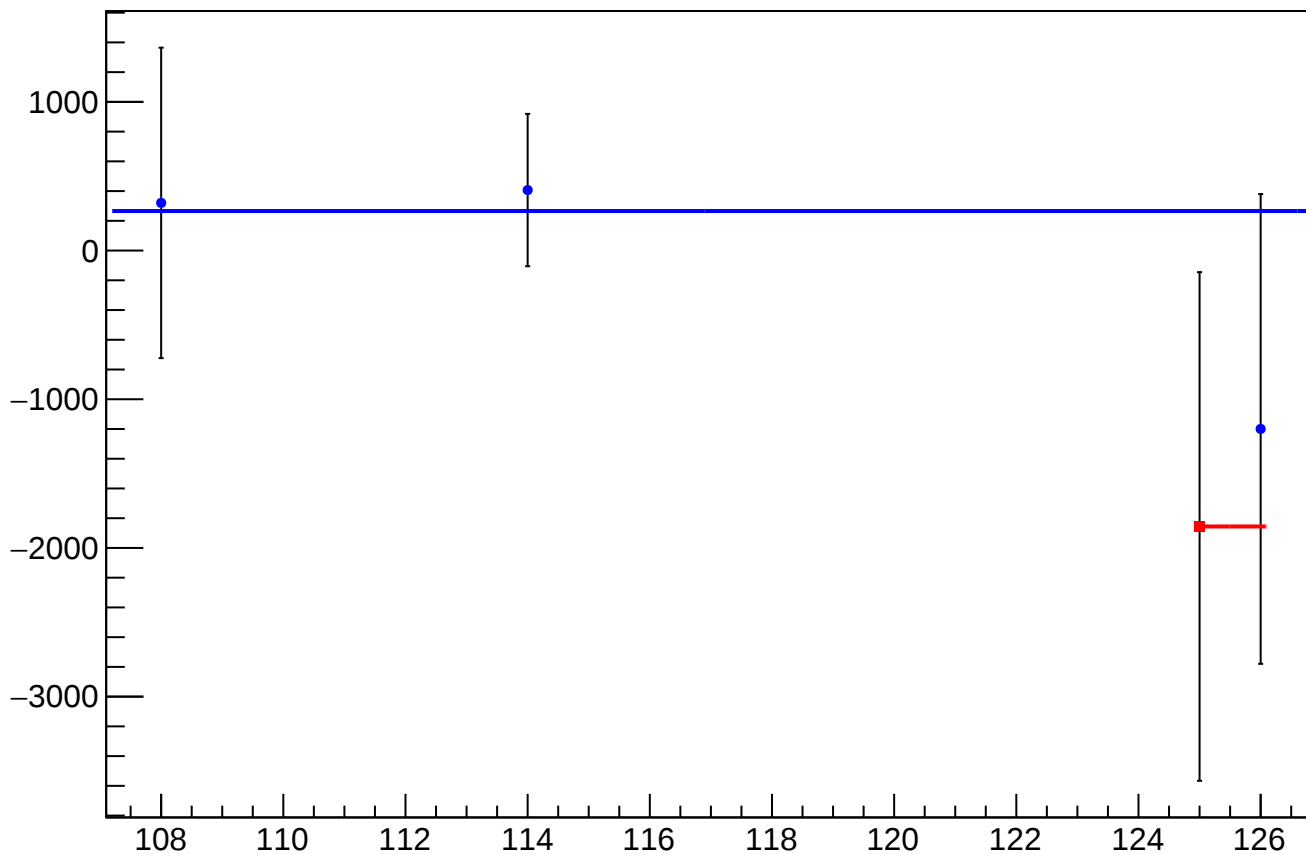
Right: 64.955+/-0.016 χ^2/NDF : 412953.5/24

In: 64.524+/-0.023 χ^2/NDF : 211383.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.955+/-0.016 χ^2/NDF : 412953.5/24

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: 265.879+/-441.590 χ^2/NDF : 0.9/2

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

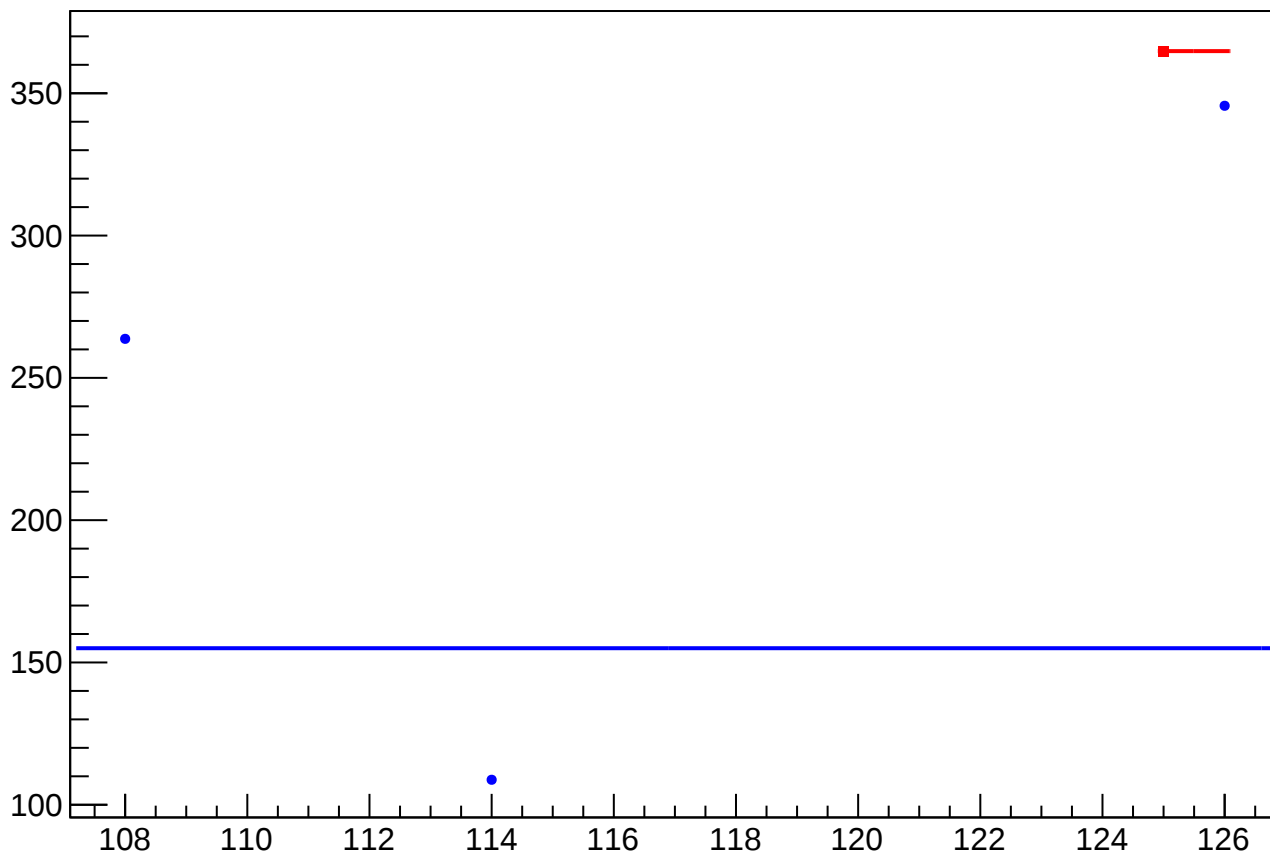
Right: 133.310+/-427.570 χ^2/NDF : 2.4/3

In: 265.879+/-441.590 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.310+/-427.570 χ^2/NDF : 2.4/3

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 155.010+/-0.312 χ^2/NDF : 67082.3/2

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

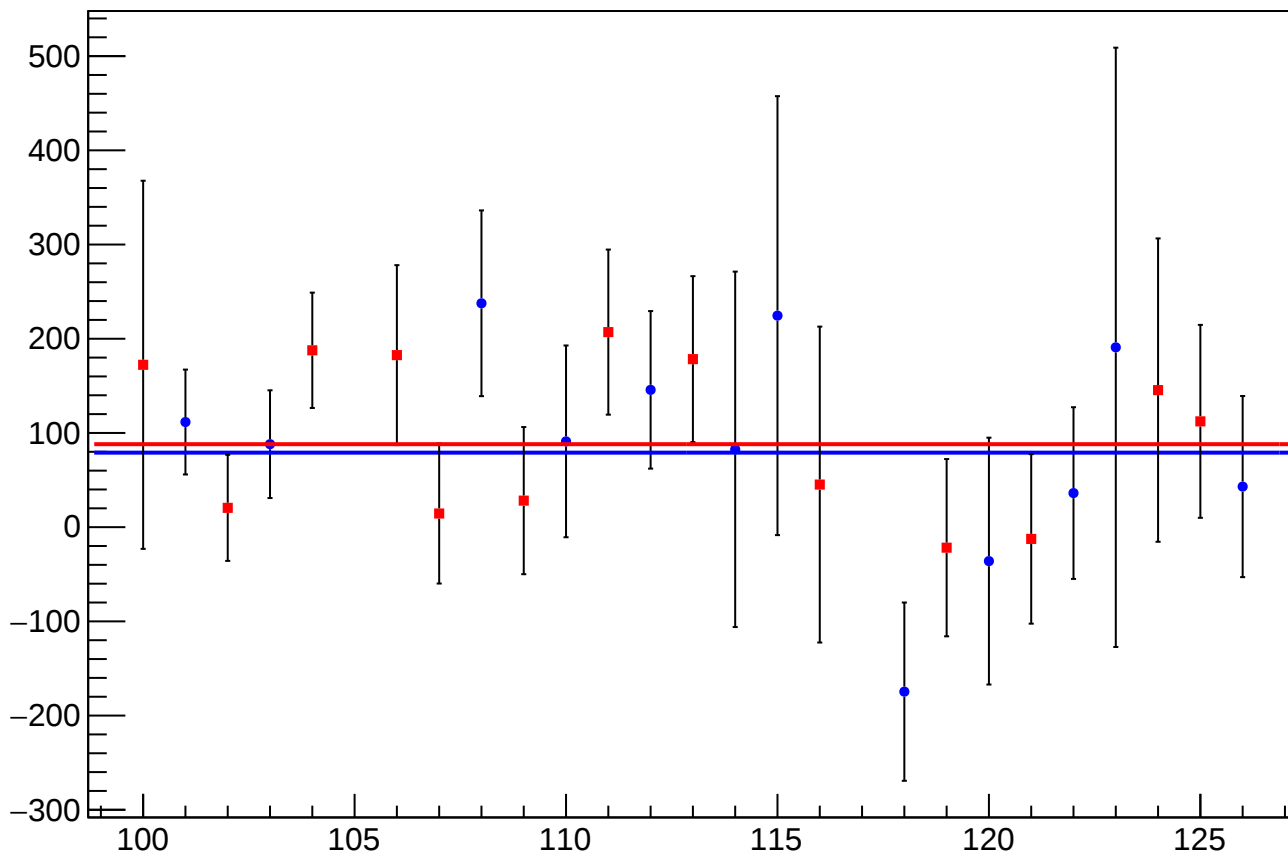
Right: 168.120+/-0.302 χ^2/NDF : 95293.5/3

In: 155.010+/-0.312 χ^2/NDF : 67082.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.120+/-0.302 χ^2/NDF : 95293.5/3

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 79.108 $\pm$ 26.481 χ^2 /NDF: 12.4/11

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

Right Out: 88.081 $\pm$ 24.055 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

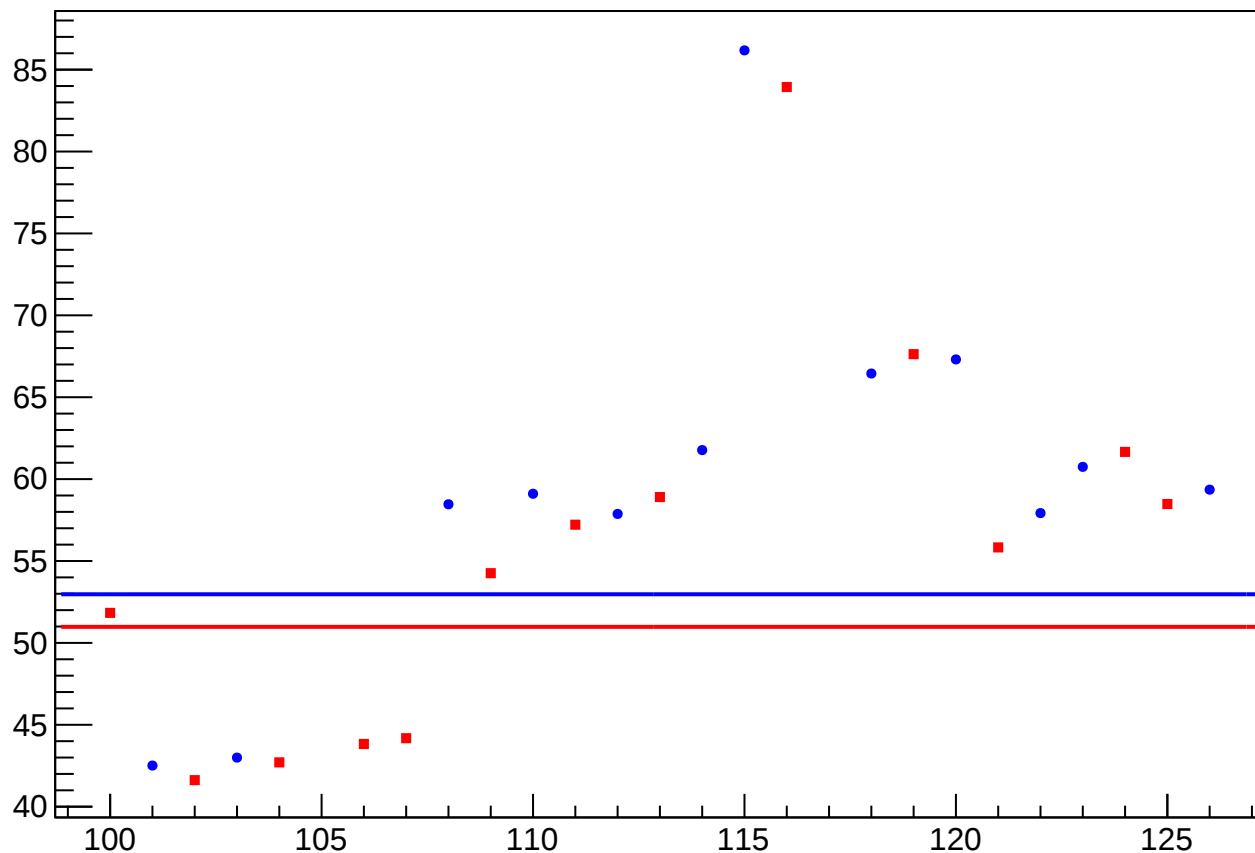
Right: 84.024 $\pm$ 17.806 χ^2 /NDF: 25.1/24

In: 79.108 $\pm$ 26.481 χ^2 /NDF:12.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 84.024 $\pm$ 17.806 χ^2 /NDF: 25.1/24

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 52.969+/-0.019 χ^2/NDF : 277249.6/11

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

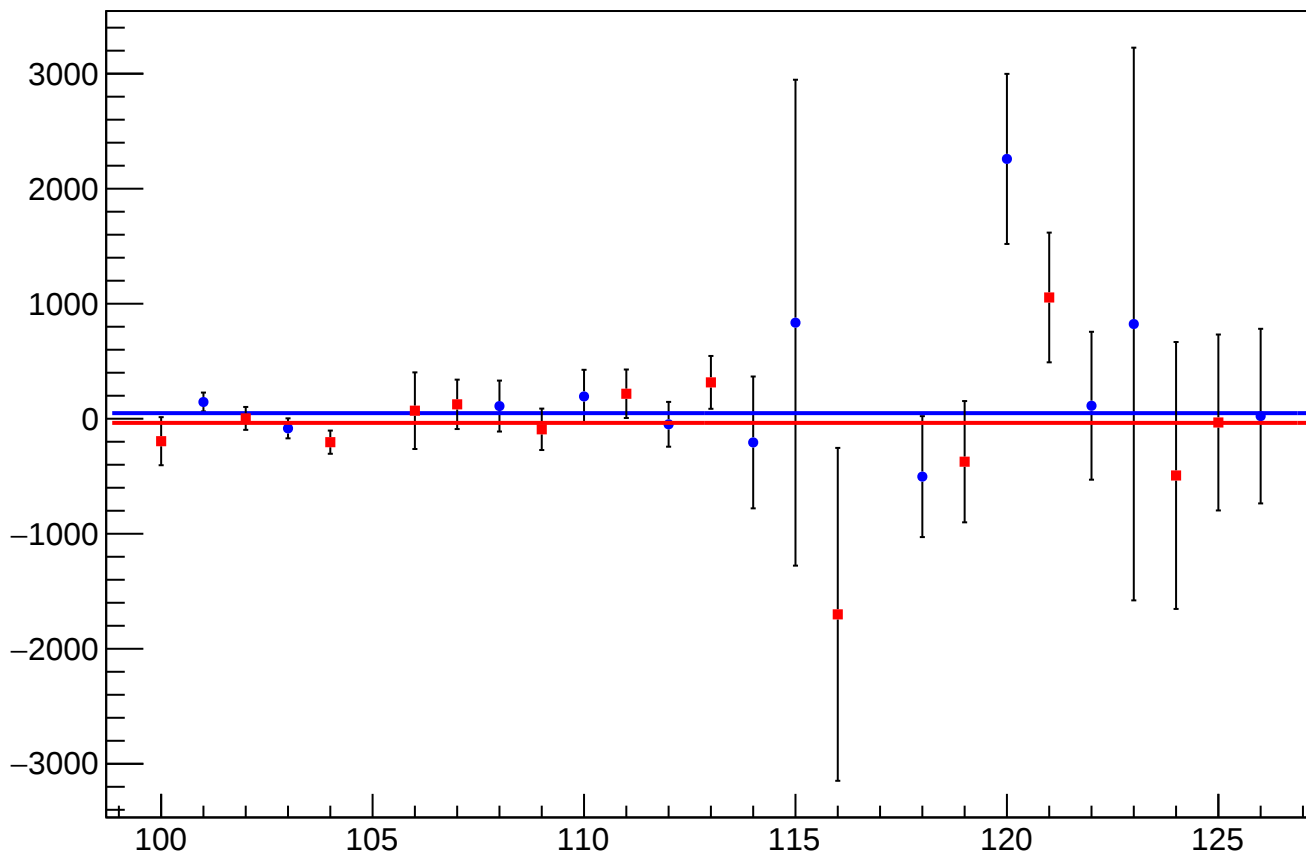
Right: 51.879+/-0.013 χ^2/NDF : 598287.3/24

In: 52.969+/-0.019 χ^2/NDF : 277249.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.879+/-0.013 χ^2/NDF : 598287.3/24

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 48.600+/-52.751 χ^2/NDF : 14.9/11

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

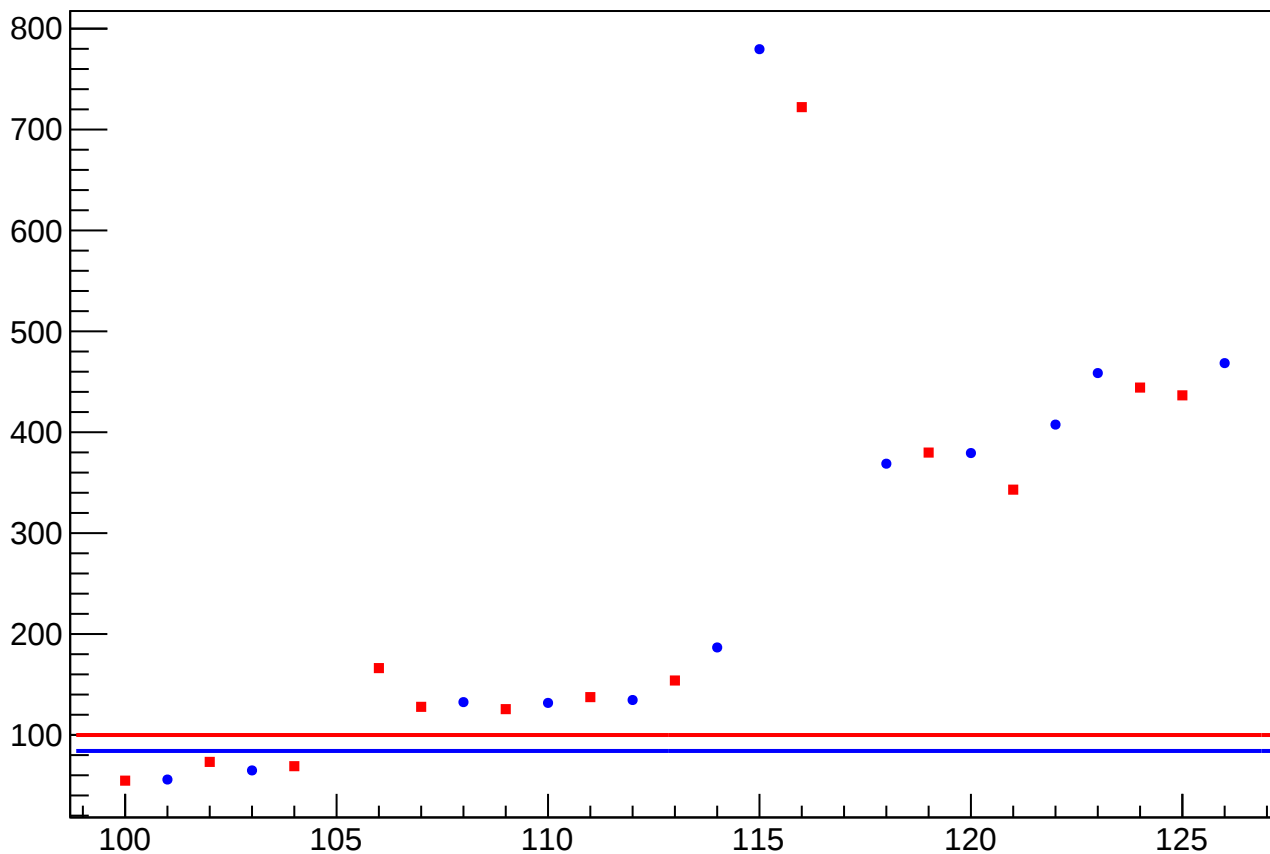
Right: 7.742+/-37.954 χ^2/NDF : 29.8/24

In: 48.600+/-52.751 χ^2/NDF : 14.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.742+/-37.954 χ^2/NDF : 29.8/24

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 84.103+/-0.037 χ^2/NDF : 2905421.9/11

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

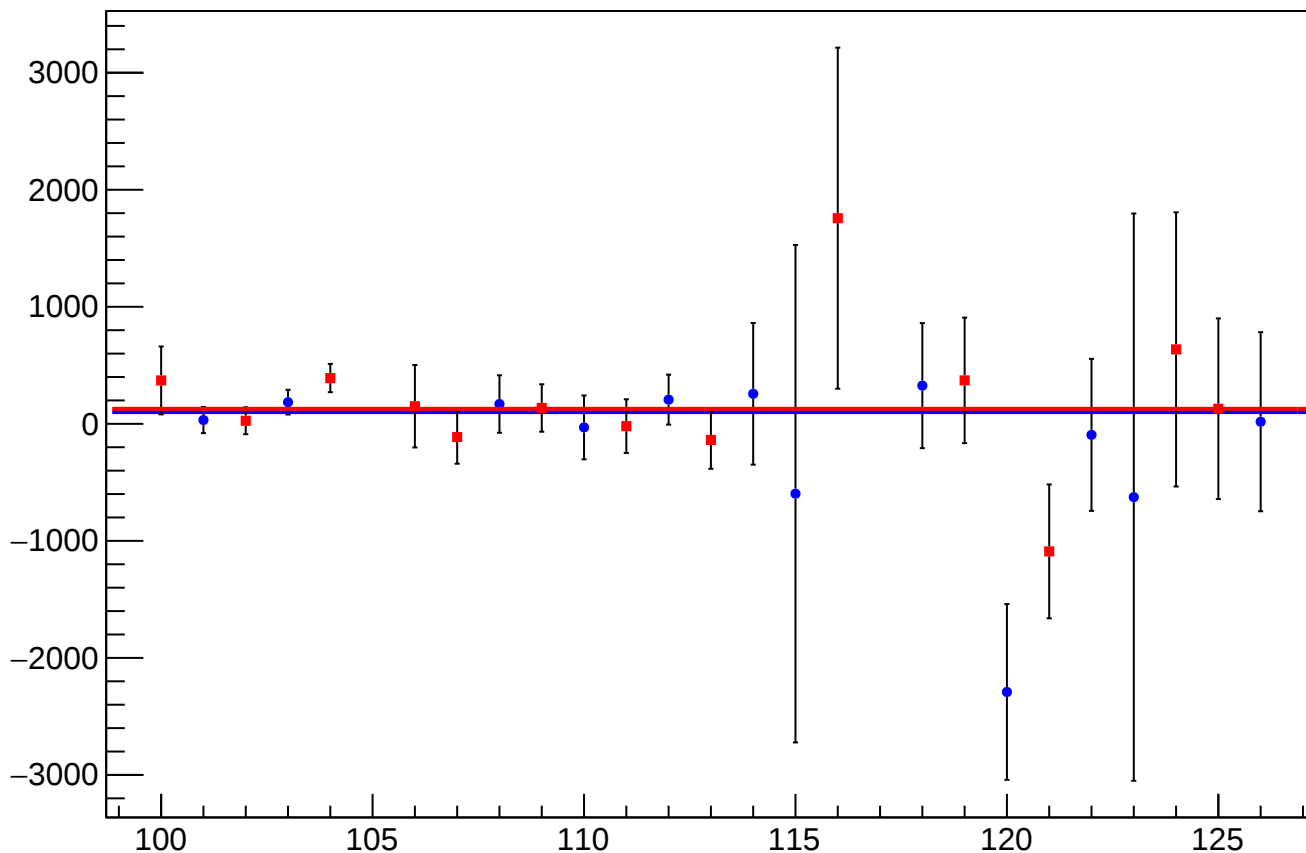
Right: 91.728+/-0.027 χ^2/NDF : 5613735.4/24

In: 84.103+/-0.037 χ^2/NDF : 2905421.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.728+/-0.027 χ^2/NDF : 5613735.4/24

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 100.407+/-65.353 χ^2/NDF : 12.3/11

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

Right Out: 128.238+/-62.865 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

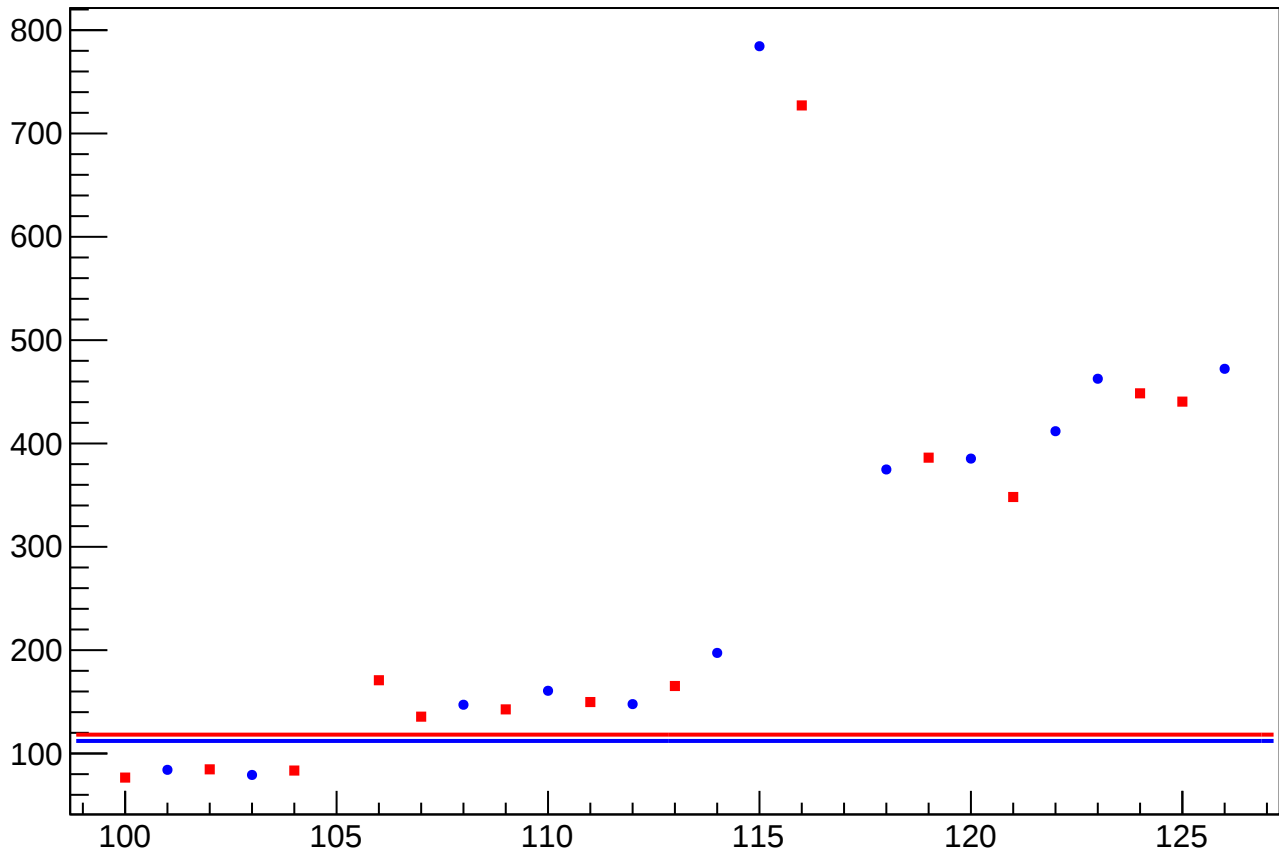
Right: 114.862+/-45.306 χ^2/NDF : 27.5/24

In: 100.407+/-65.353 χ^2/NDF : 12.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.862+/-45.306 χ^2/NDF : 27.5/24

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 112.142+/-0.046 χ^2/NDF : 2377891.5/11

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

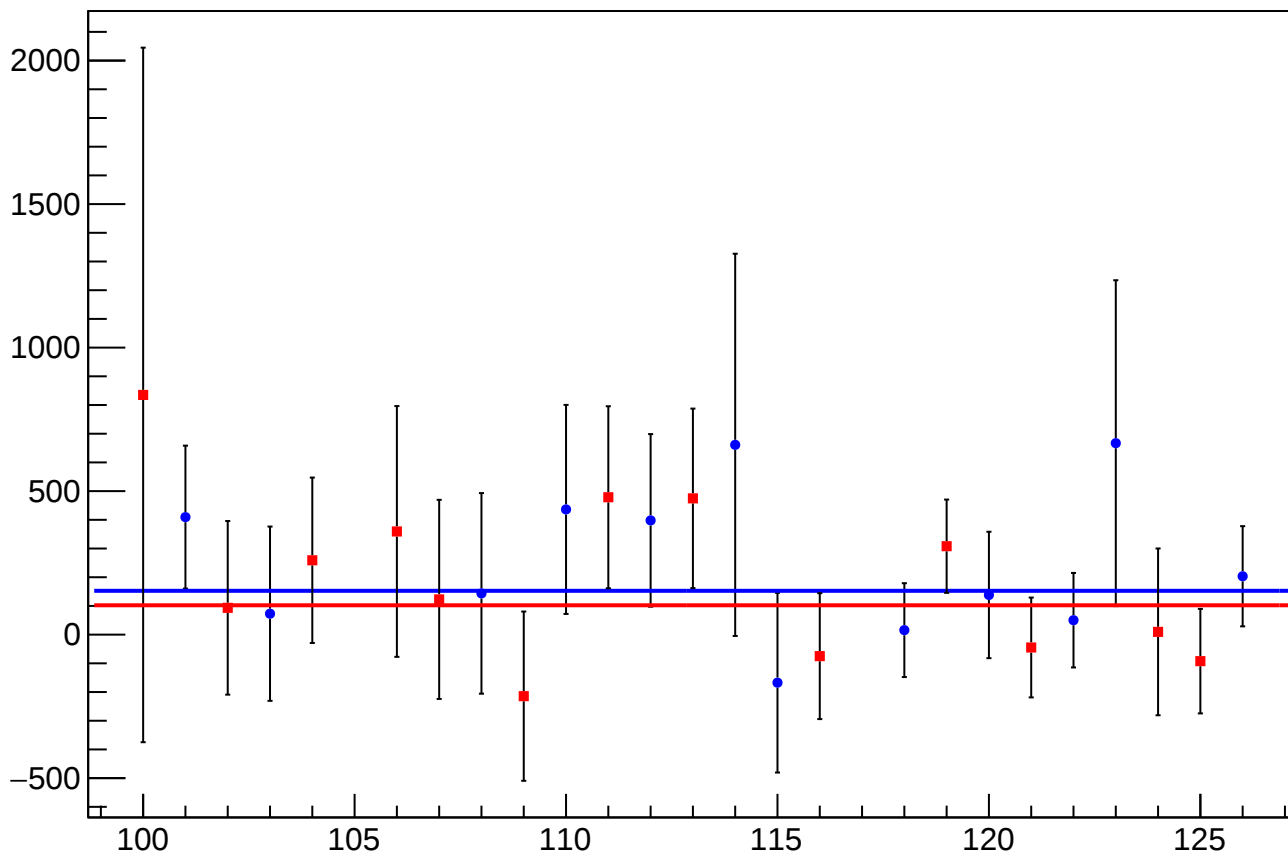
Right: 115.312+/-0.032 χ^2/NDF : 4641659.5/24

In: 112.142+/-0.046 χ^2/NDF :2377891.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 115.312+/-0.032 χ^2/NDF : 4641659.5/24

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 152.662 $\pm$ 71.239 χ^2 /NDF: 6.0/11

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

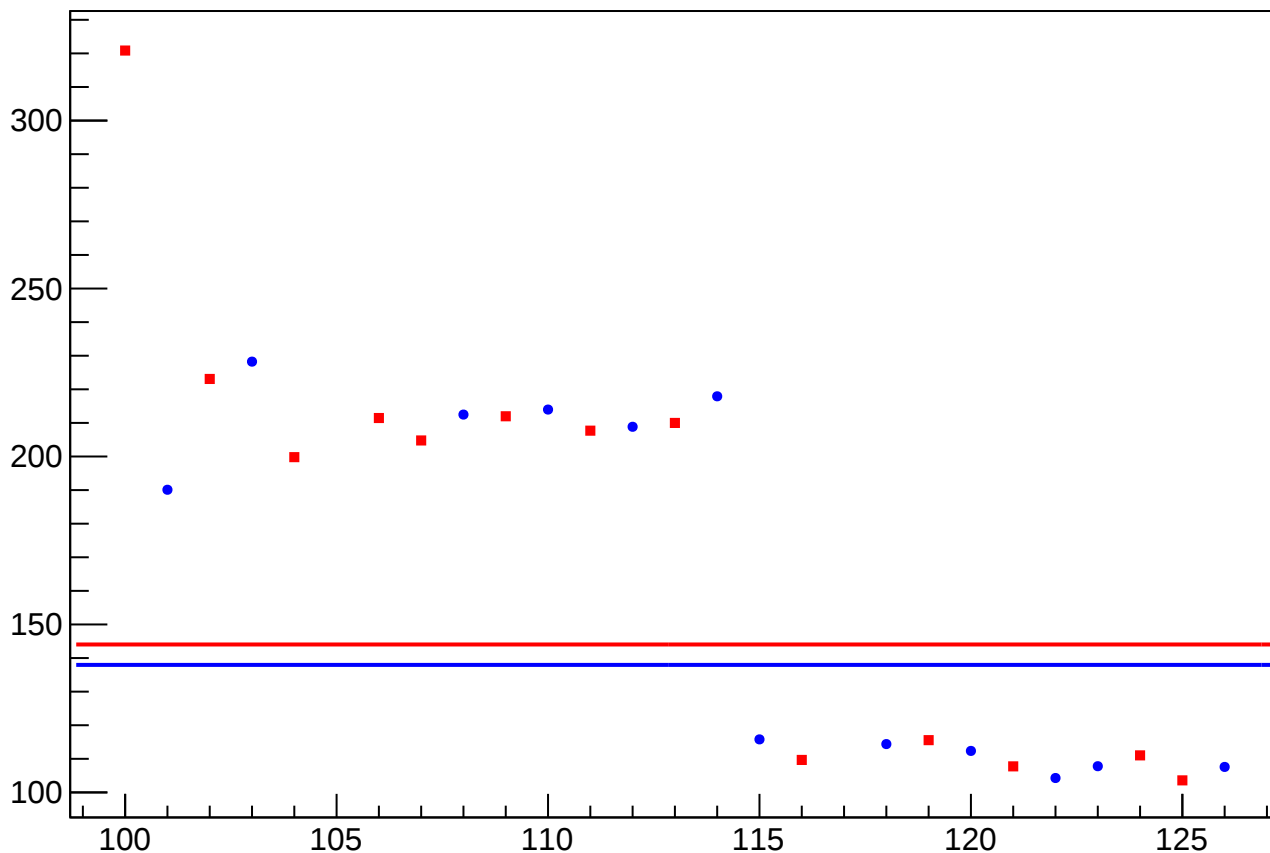
Right: 127.107 $\pm$ 50.021 χ^2 /NDF: 15.5/24

In: 152.662 $\pm$ 71.239 χ^2 /NDF:6.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 127.107 $\pm$ 50.021 χ^2 /NDF: 15.5/24

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 137.961+/-0.050 χ^2/NDF : 811043.9/11

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

Right Out: 144.039+/-0.050 χ^2/NDF : 961063.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

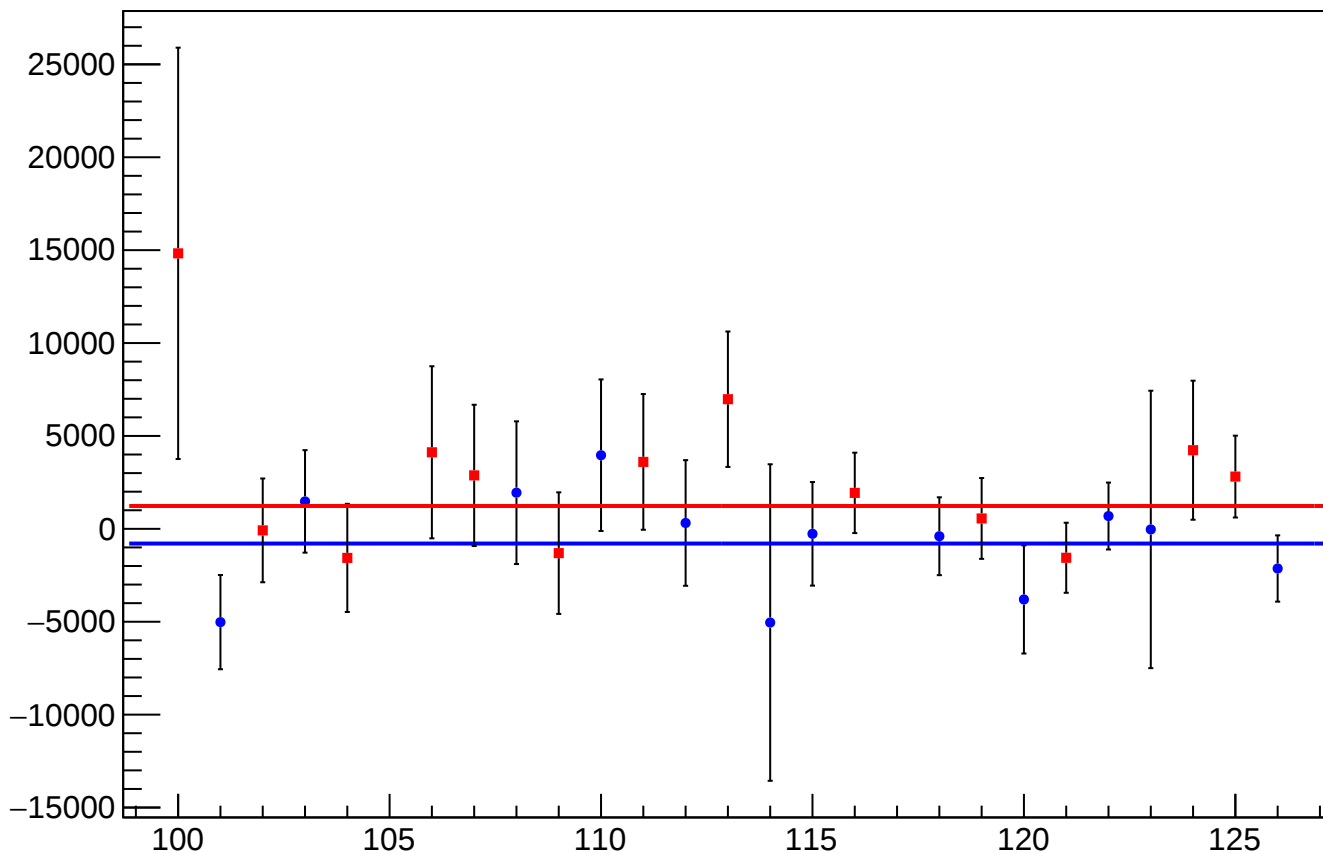
Right: 141.042+/-0.035 χ^2/NDF : 1779486.0/24

In: 137.961+/-0.050 χ^2/NDF : 811043.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.042+/-0.035 χ^2/NDF : 1779486.0/24

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -791.573+/-782.979 χ^2/NDF : 8.1/11

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

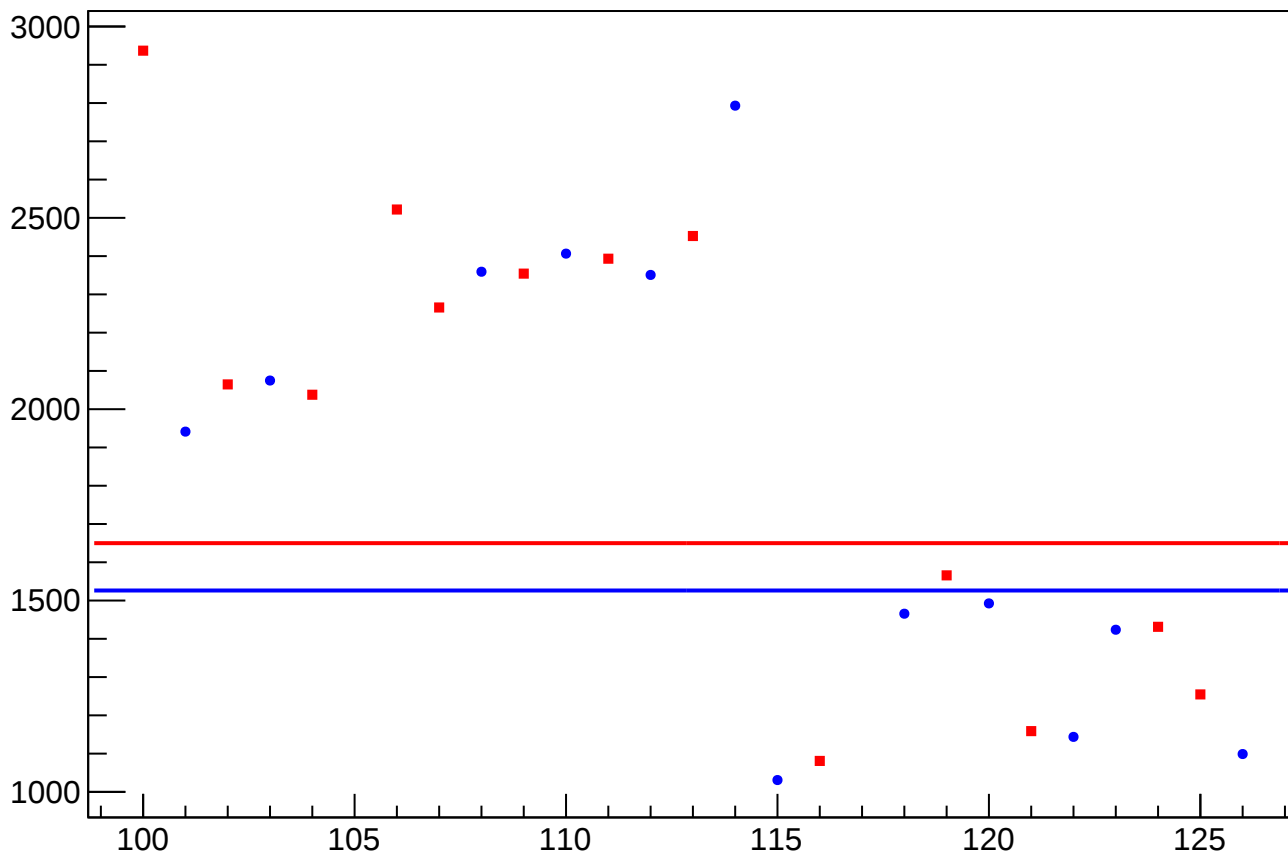
Right: 208.969+/-556.479 χ^2/NDF : 21.7/24

In: -791.573+/-782.979 χ^2/NDF : 8.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 208.969+/-556.479 χ^2/NDF : 21.7/24

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1526.247+/-0.554 χ^2/NDF : 753608.1/11

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

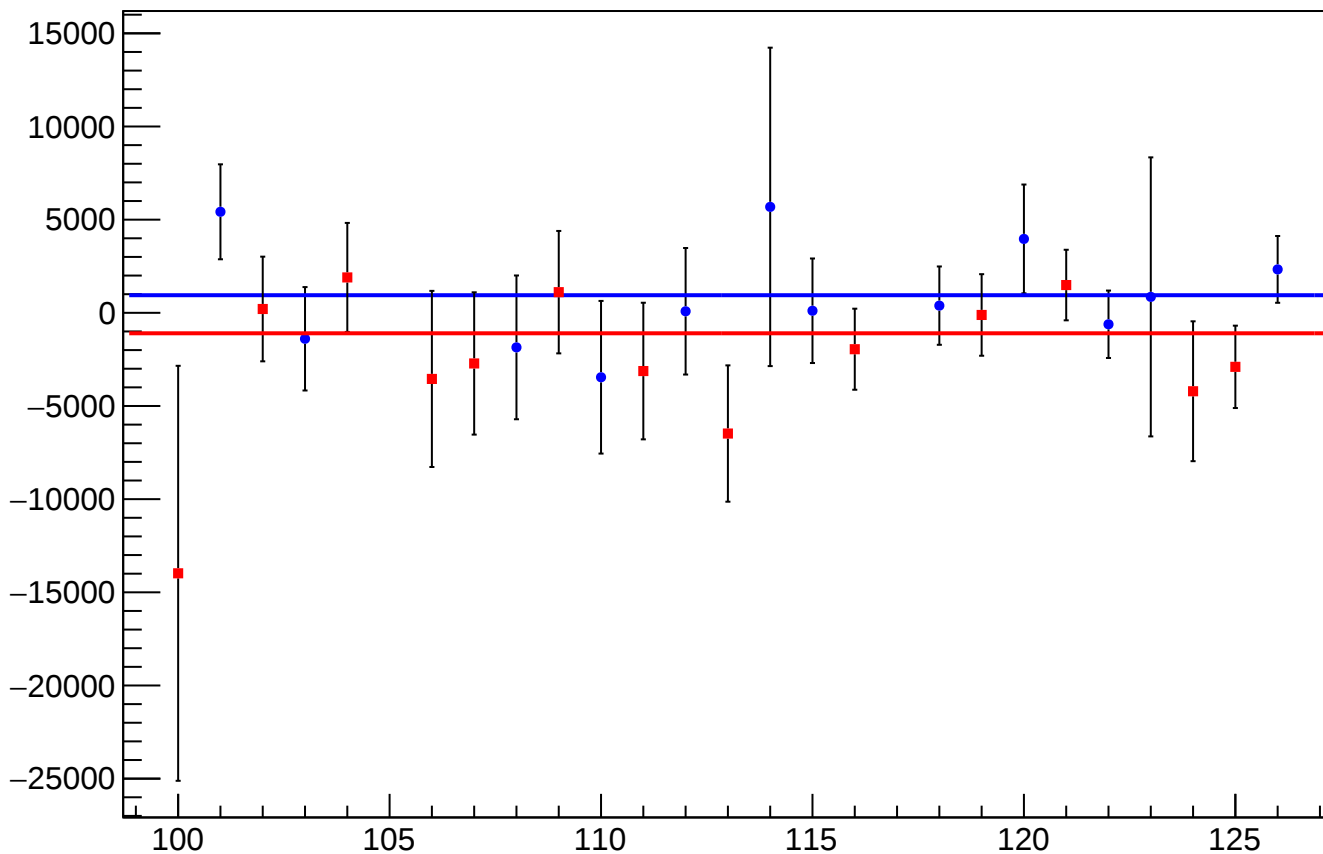
Right: 1587.467+/-0.393 χ^2/NDF : 1629327.1/24

In: 1526.247+/-0.554 χ^2/NDF : 753608.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1587.467+/-0.393 χ^2/NDF : 1629327.1/24

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 945.417+/-786.530 χ^2/NDF : 8.4/11

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

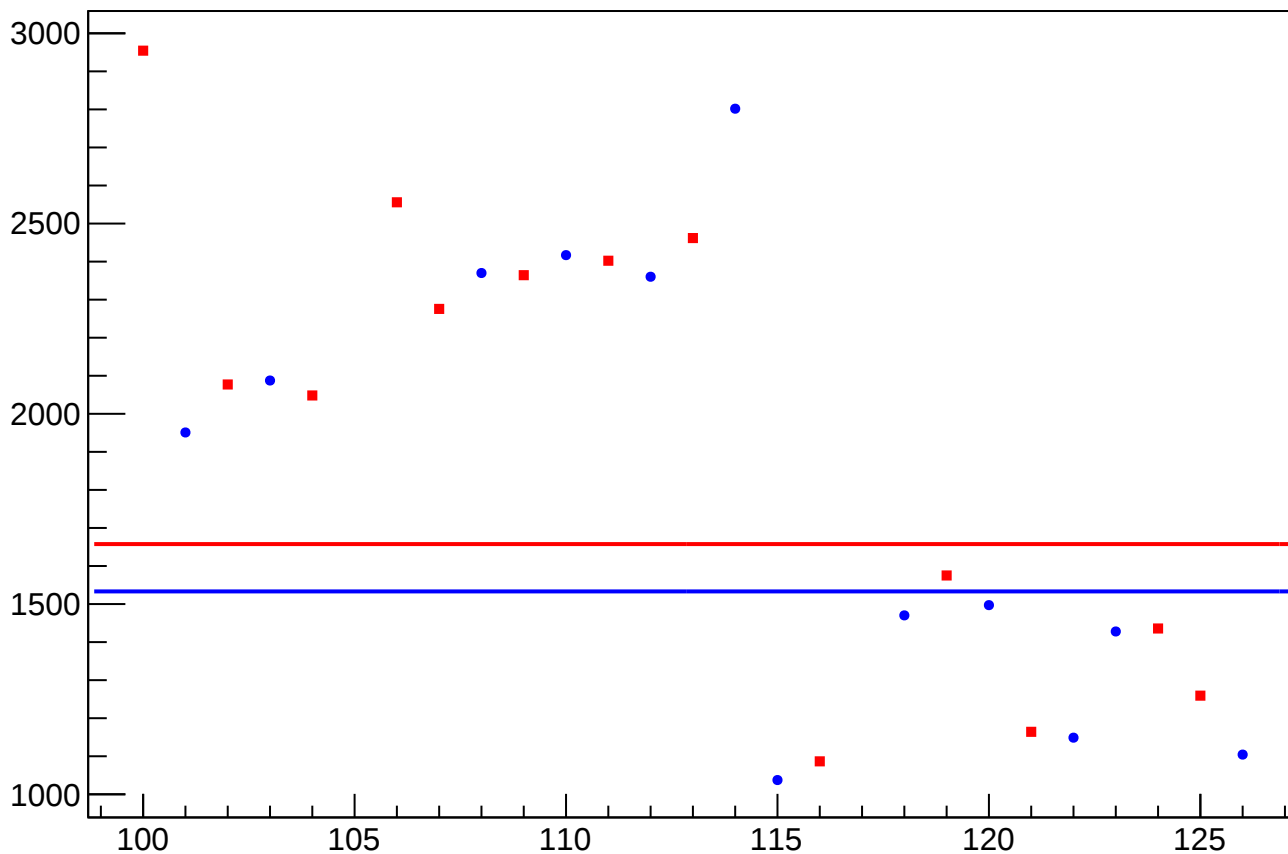
Right: -65.256+/-559.186 χ^2/NDF : 21.3/24

In: 945.417+/-786.530 χ^2/NDF : 8.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.256+/-559.186 χ^2/NDF : 21.3/24

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1533.232+/-0.556 χ^2/NDF : 753195.8/11

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

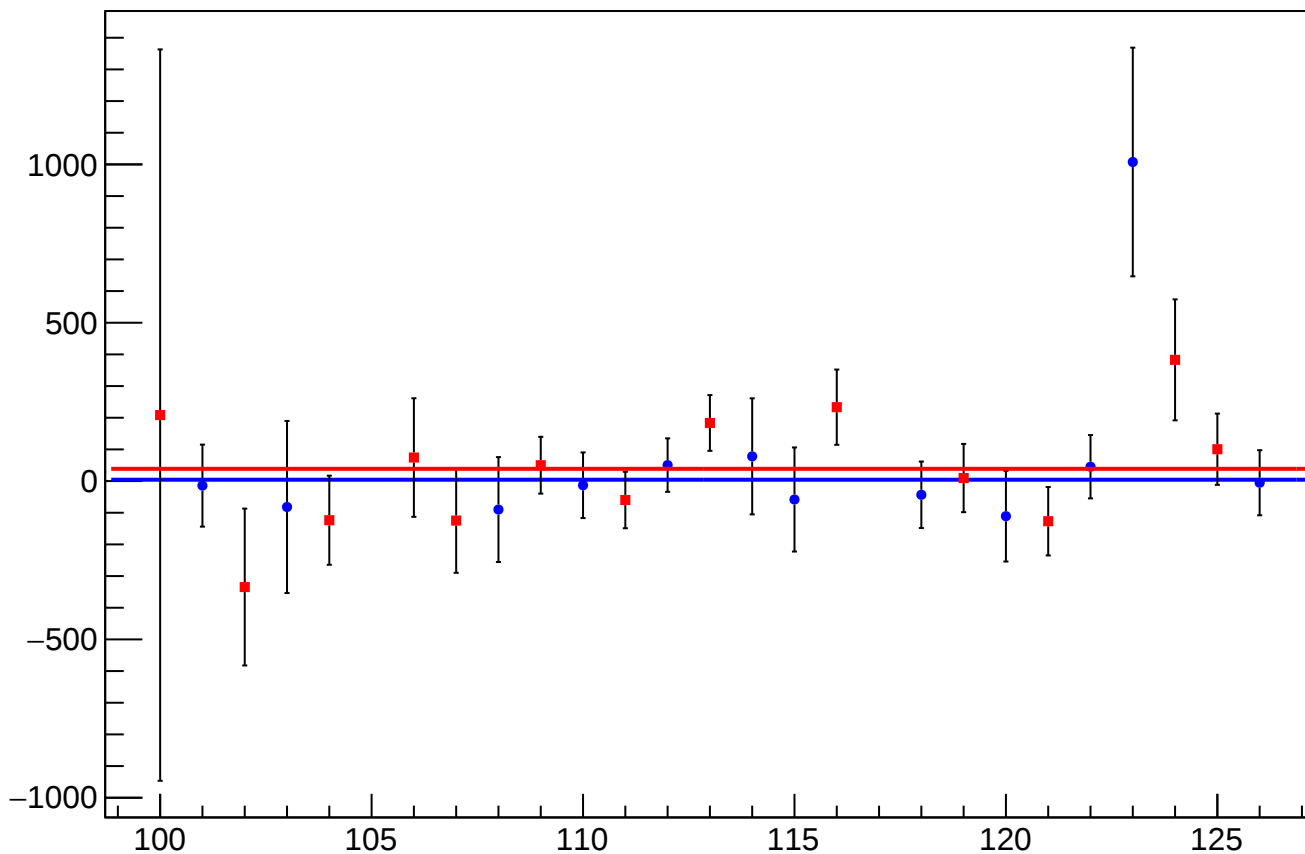
Right: 1594.750+/-0.395 χ^2/NDF : 1630164.9/24

In: 1533.232+/-0.556 χ^2/NDF : 753195.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1594.750+/-0.395 χ^2/NDF : 1630164.9/24

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 4.265+/-36.479 χ^2/NDF : 9.8/11

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

Right Out: 38.734+/-34.081 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

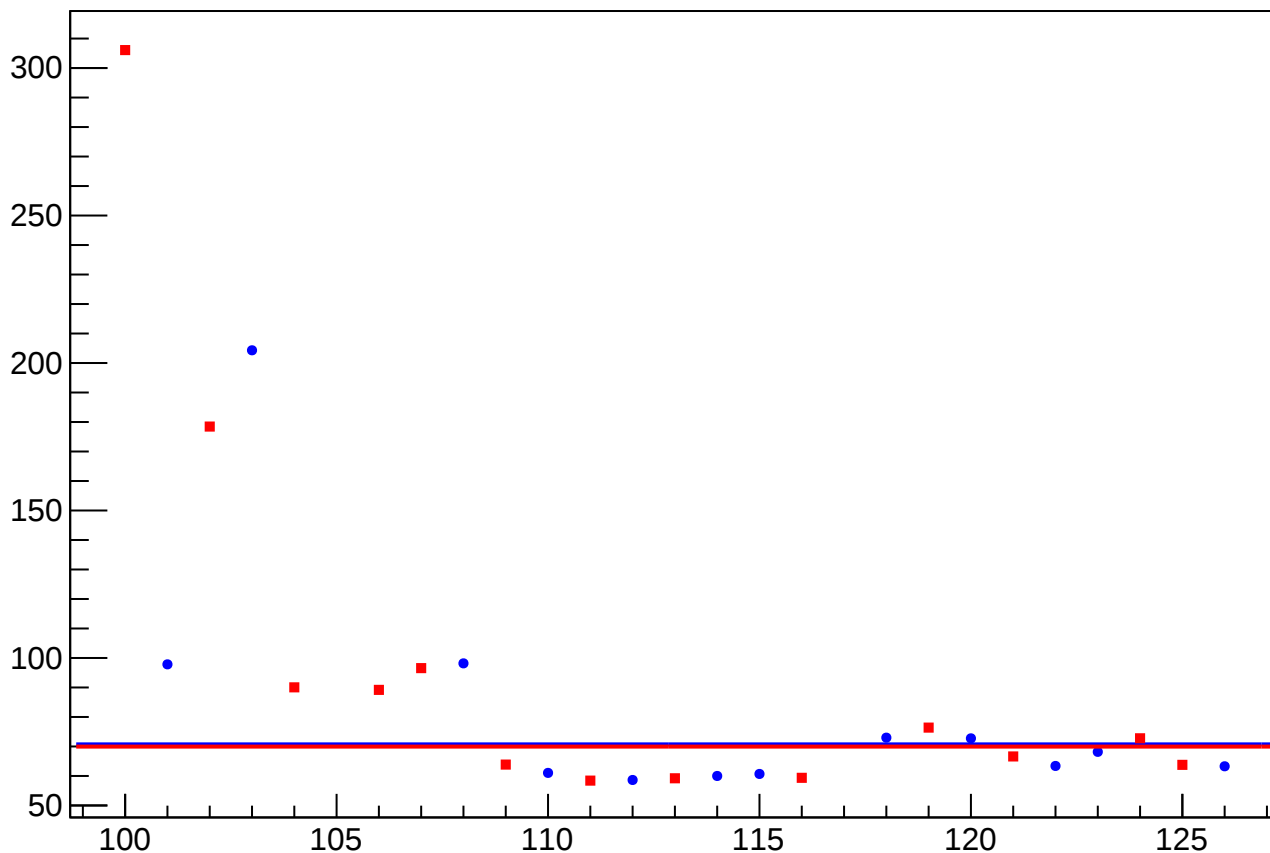
Right: 22.670+/-24.904 χ^2/NDF : 27.5/24

In: 4.265+/-36.479 χ^2/NDF : 9.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.670+/-24.904 χ^2/NDF : 27.5/24

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 70.711+/-0.026 χ^2/NDF : 721445.6/11

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

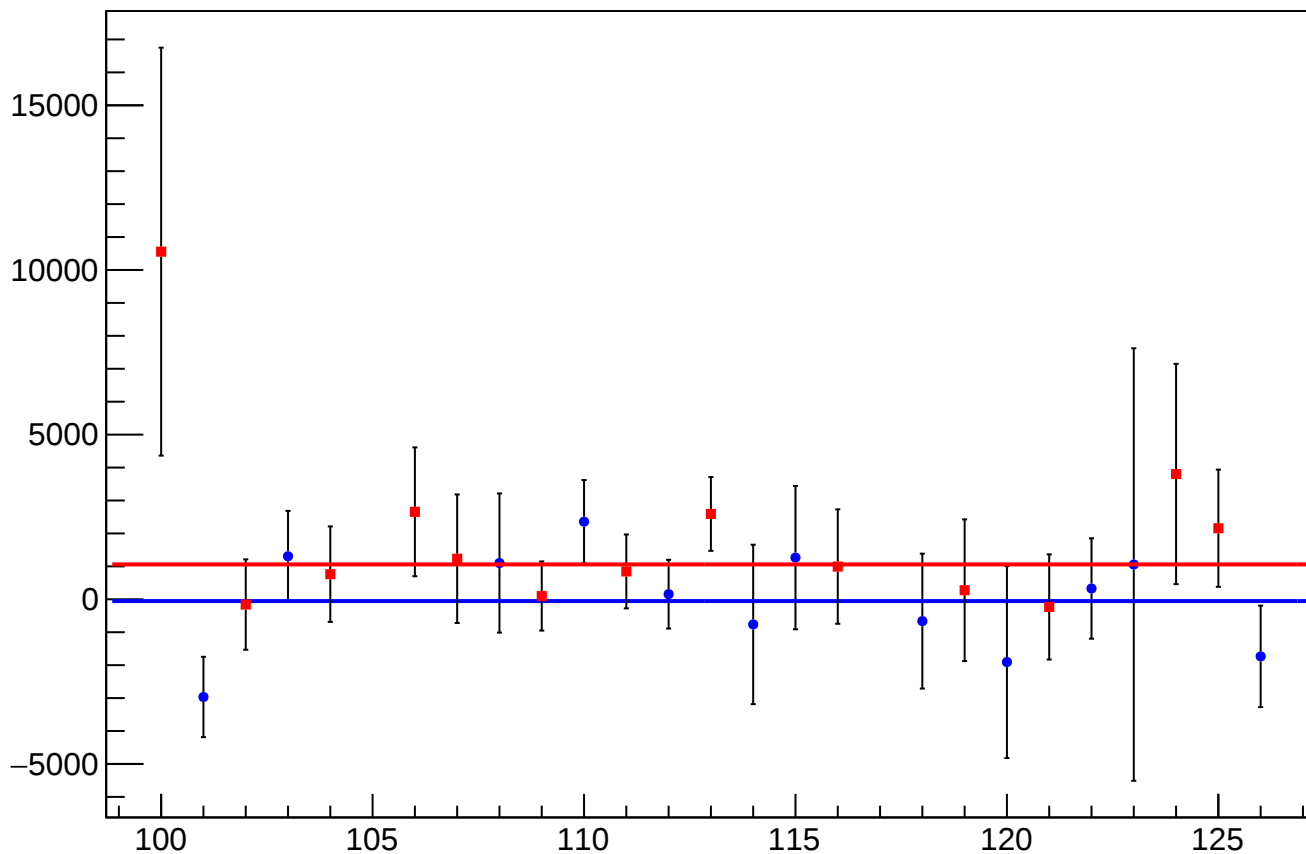
Right: 70.309+/-0.018 χ^2/NDF : 1407150.1/24

In: 70.711+/-0.026 χ^2/NDF : 721445.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.309+/-0.018 χ^2/NDF : 1407150.1/24

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -54.522+/-467.276 χ^2/NDF : 12.9/11

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

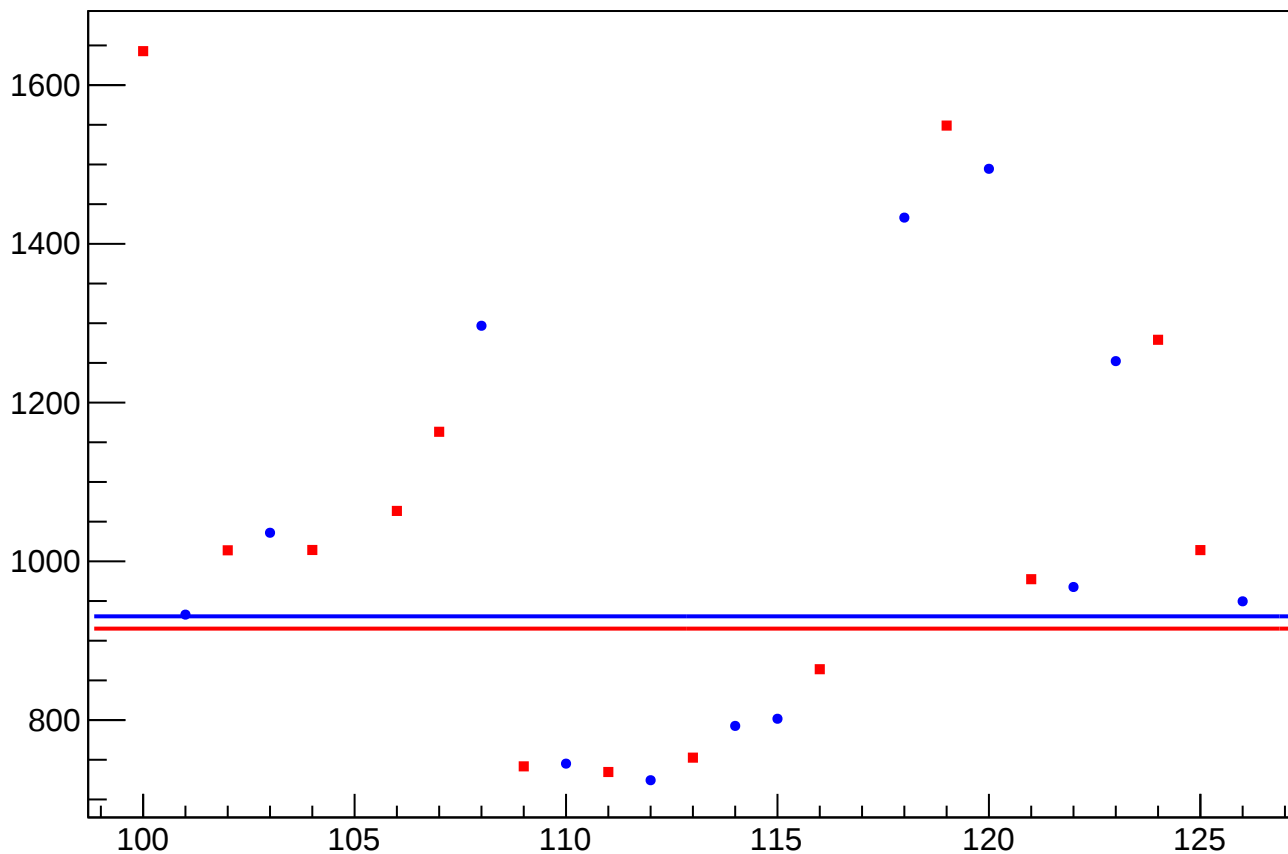
Right: 547.794+/-316.549 χ^2/NDF : 24.4/24

In: -54.522+/-467.276 χ^2/NDF : 12.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 547.794+/-316.549 χ^2/NDF : 24.4/24

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 930.708+/-0.330 χ^2/NDF : 408126.9/11

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

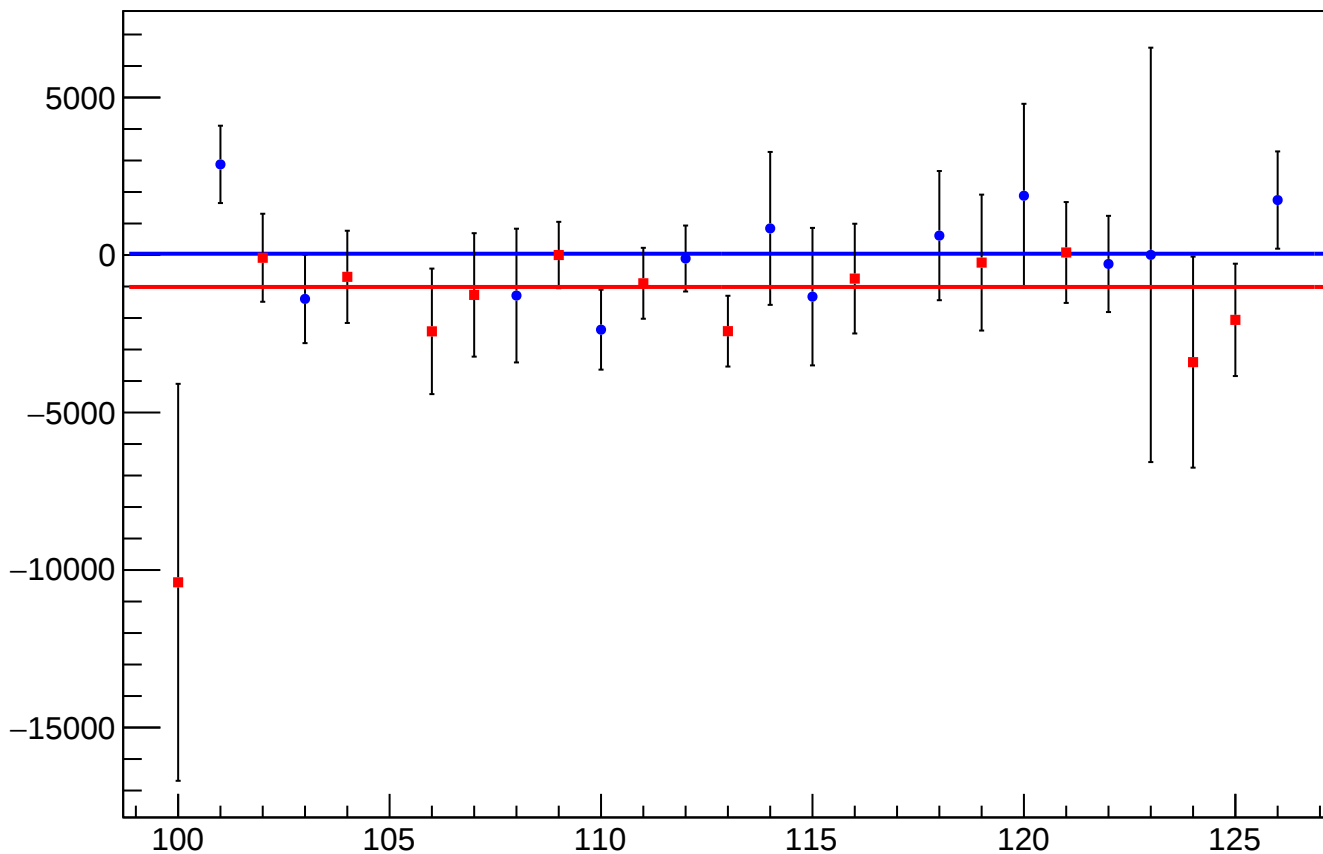
Right: 922.338+/-0.224 χ^2/NDF : 857183.3/24

In: 930.708+/-0.330 χ^2/NDF :408126.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 922.338+/-0.224 χ^2/NDF : 857183.3/24

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 40.771+/-469.735 χ^2/NDF : 12.6/11

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

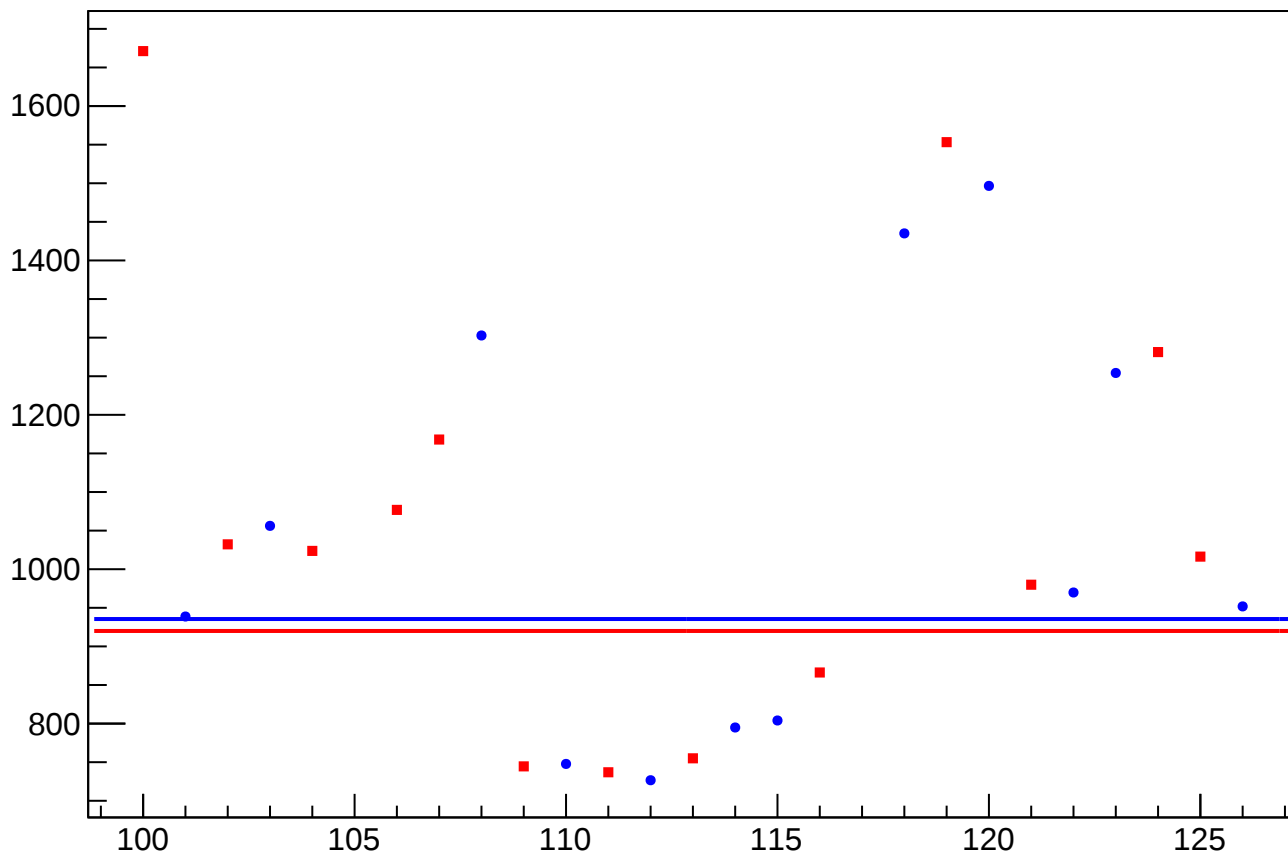
Right: -529.629+/-318.328 χ^2/NDF : 22.6/24

In: 40.771+/-469.735 χ^2/NDF : 12.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -529.629+/-318.328 χ^2/NDF : 22.6/24

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 935.466+/-0.332 χ^2/NDF : 410552.0/11

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

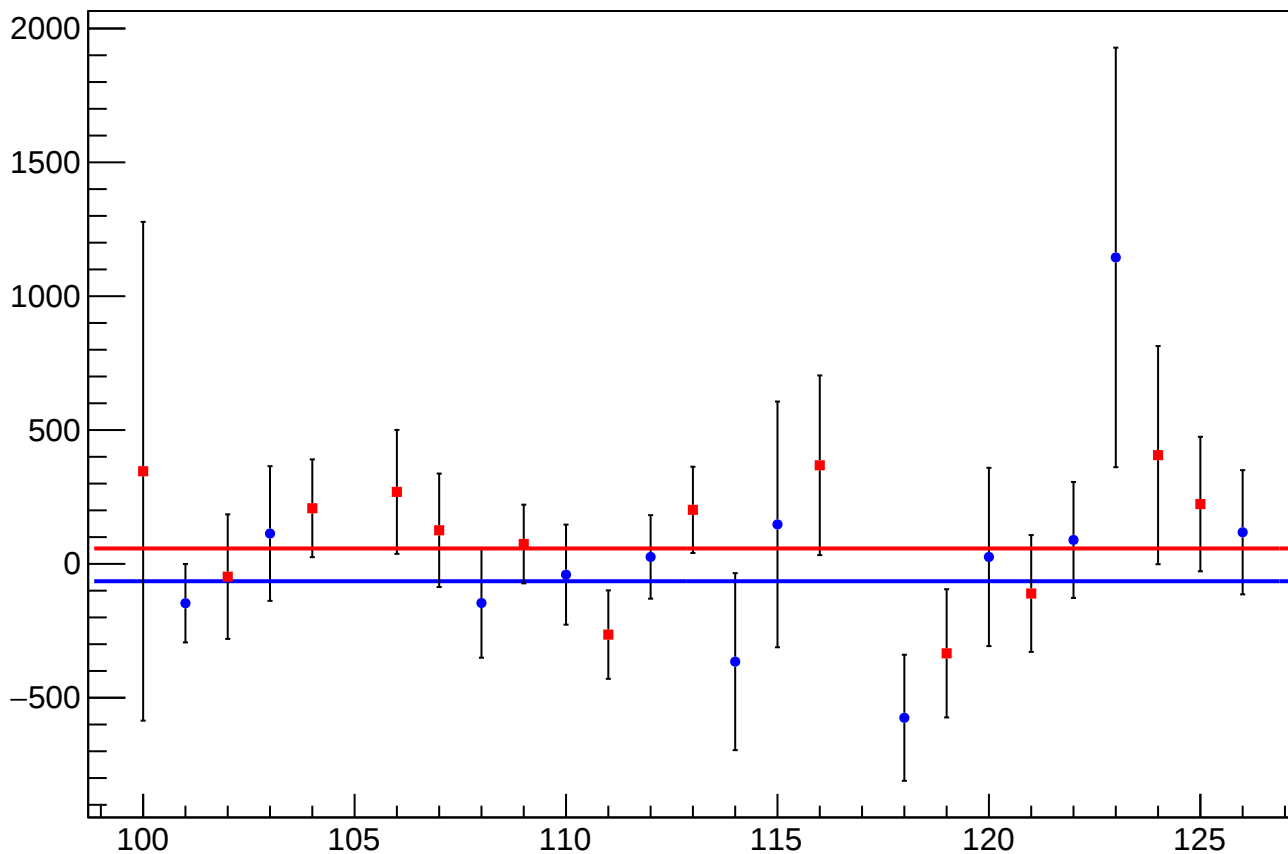
Right: 927.099+/-0.225 χ^2/NDF : 865071.4/24

In: 935.466+/-0.332 χ^2/NDF : 410552.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 927.099+/-0.225 χ^2/NDF : 865071.4/24

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -64.749 ± 64.756 $\chi^2/\text{NDF}: 10.6/11$

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

Right Out: 57.666 ± 59.634 $\chi^2/\text{NDF}: 11.8/12$

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

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

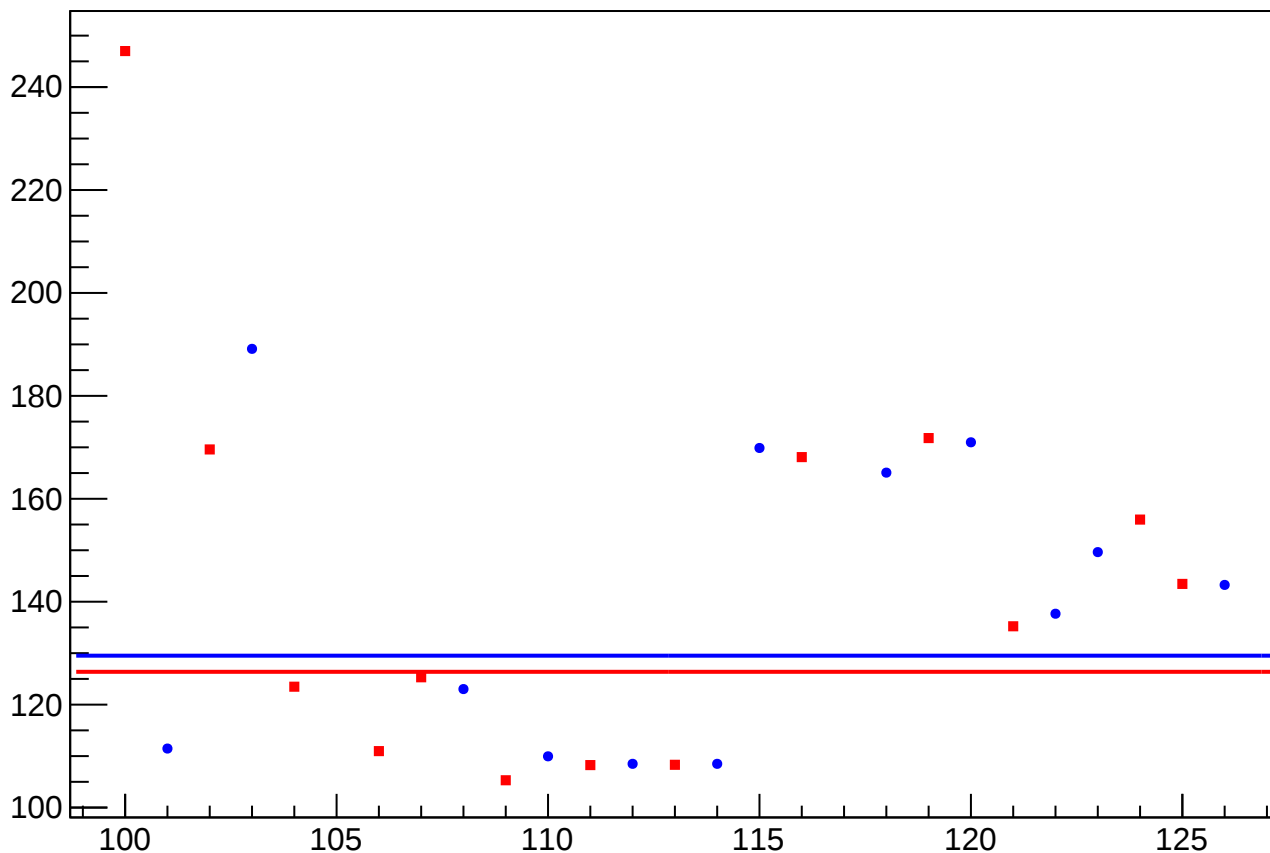
Right: 1.489 ± 43.867 $\chi^2/\text{NDF}: 24.4/24$

In: -64.749 ± 64.756 $\chi^2/\text{NDF}: 10.6/11$

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

All: 1.489 ± 43.867 $\chi^2/\text{NDF}: 24.4/24$

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 129.514+/-0.046 χ^2/NDF : 314278.6/11

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

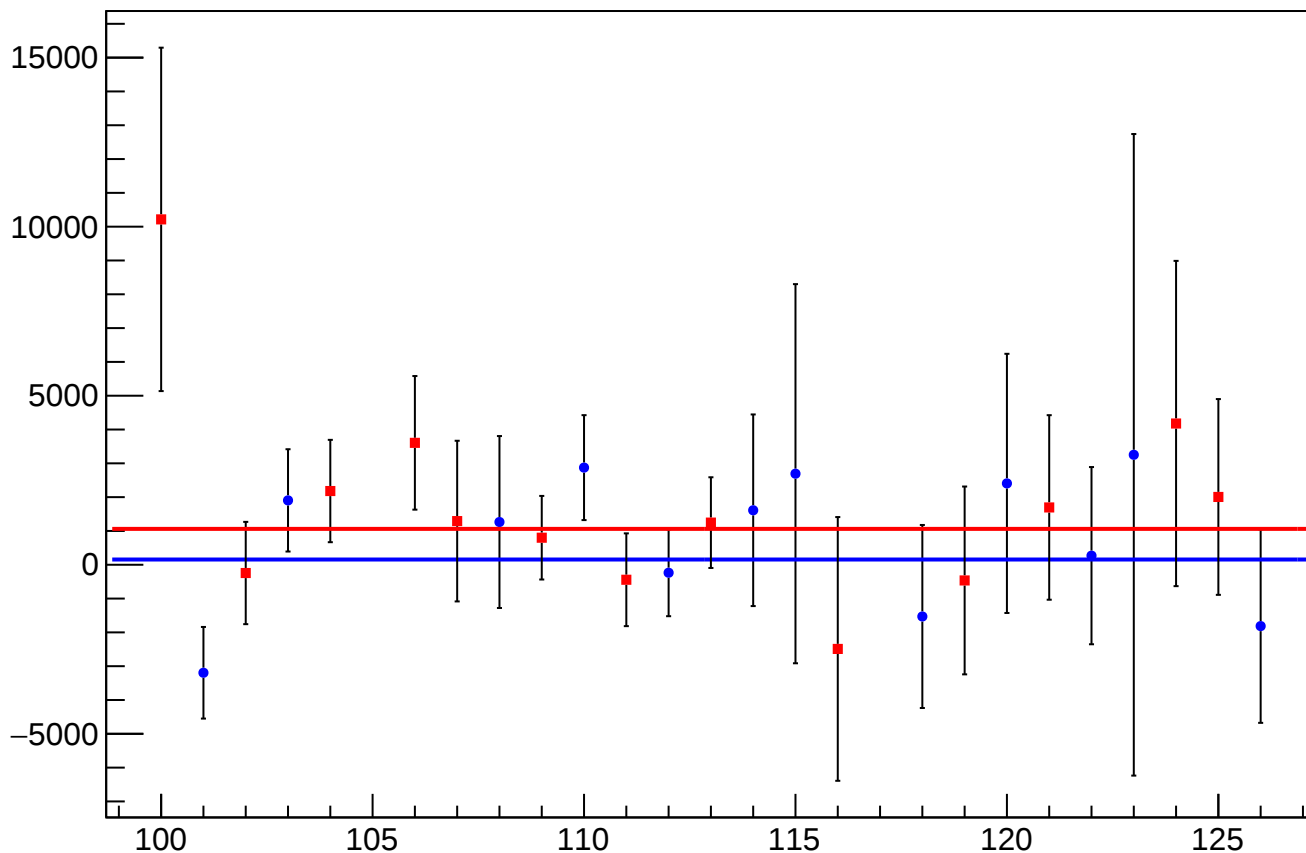
Right: 127.818+/-0.031 χ^2/NDF : 645014.0/24

In: 129.514+/-0.046 χ^2/NDF :314278.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 127.818+/-0.031 χ^2/NDF : 645014.0/24

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: 155.184 $\pm$ 598.038 χ^2 /NDF: 12.6/11

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

Right Out: 1061.232 $\pm$ 528.598 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

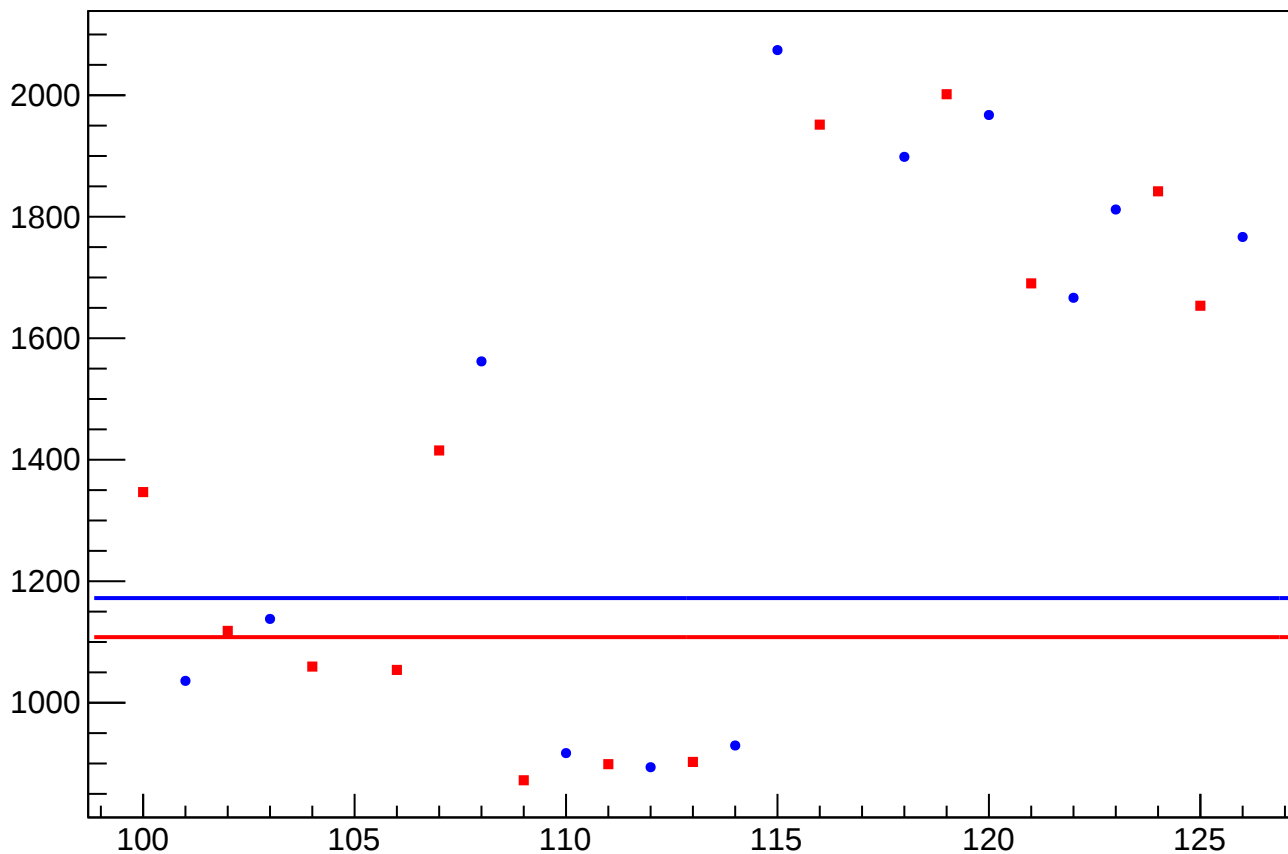
Right: 663.841 $\pm$ 396.061 χ^2 /NDF: 23.1/24

In: 155.184 $\pm$ 598.038 χ^2 /NDF:12.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 663.841 $\pm$ 396.061 χ^2 /NDF: 23.1/24

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1172.286+/-0.423 χ^2/NDF : 679037.8/11

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

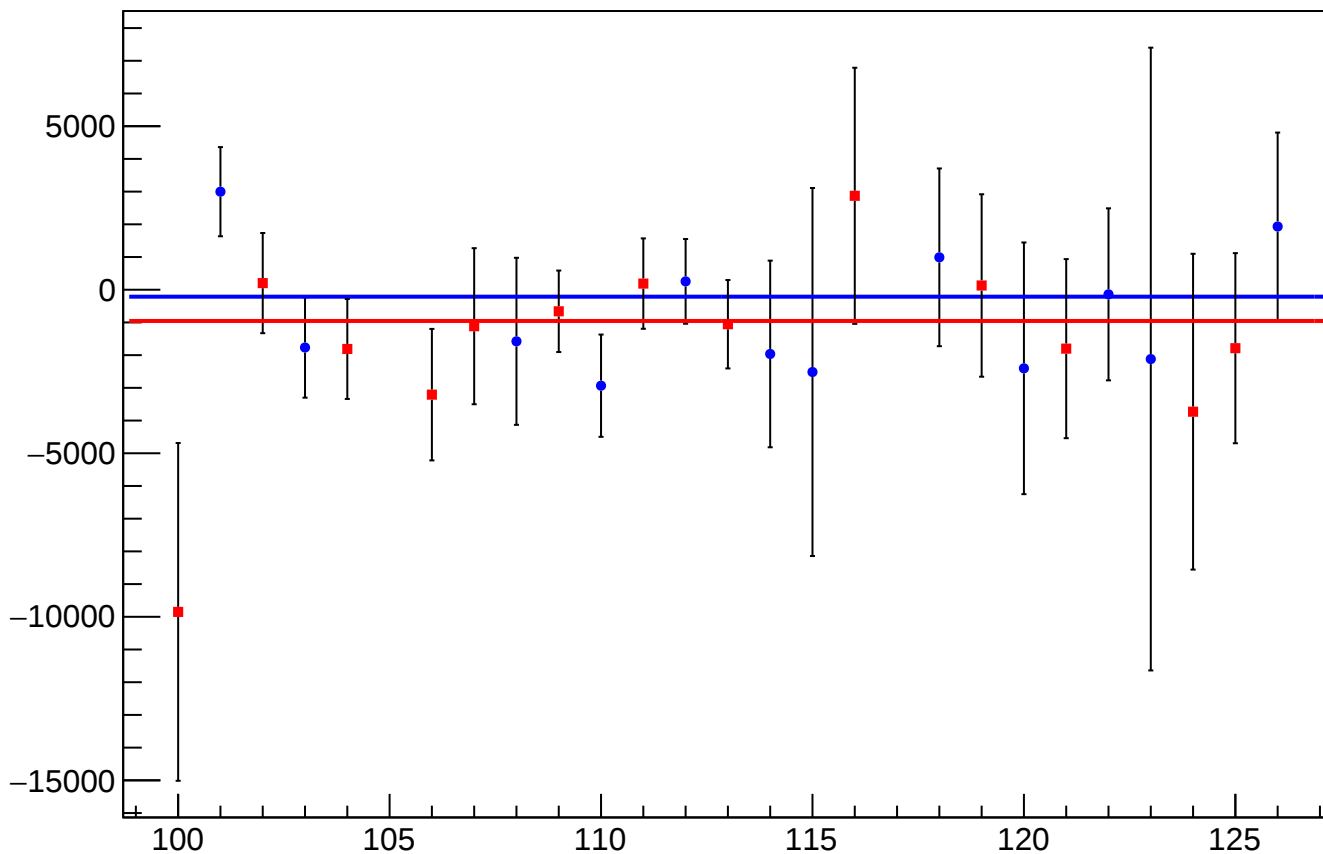
Right: 1136.198+/-0.280 χ^2/NDF : 1408643.8/24

In: 1172.286+/-0.423 χ^2/NDF : 679037.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1136.198+/-0.280 χ^2/NDF : 1408643.8/24

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -212.606+/-602.361 χ^2/NDF : 11.7/11

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

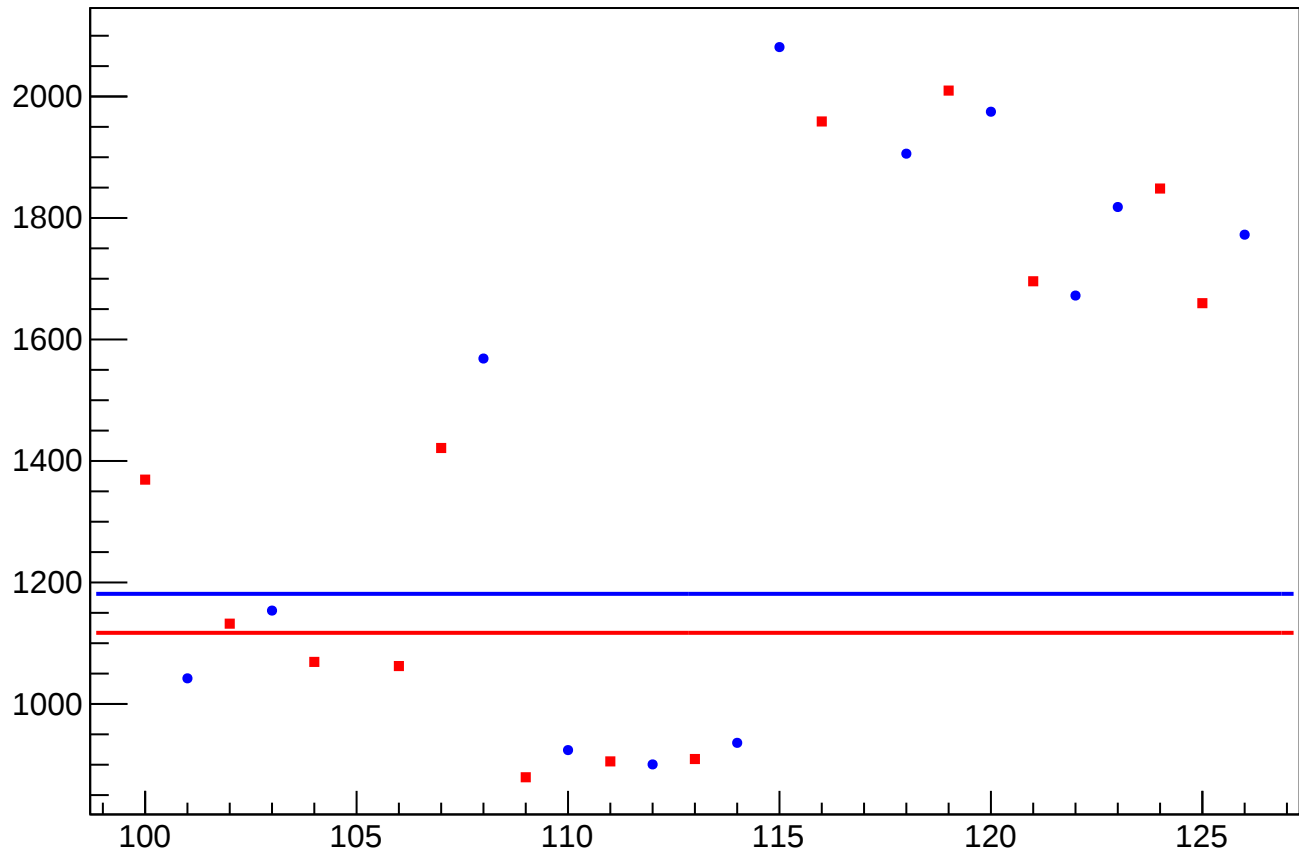
Right: -628.947+/-399.192 χ^2/NDF : 20.0/24

In: -212.606+/-602.361 χ^2/NDF : 11.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -628.947+/-399.192 χ^2/NDF : 20.0/24

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1181.281+/-0.426 χ^2/NDF : 672352.5/11

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

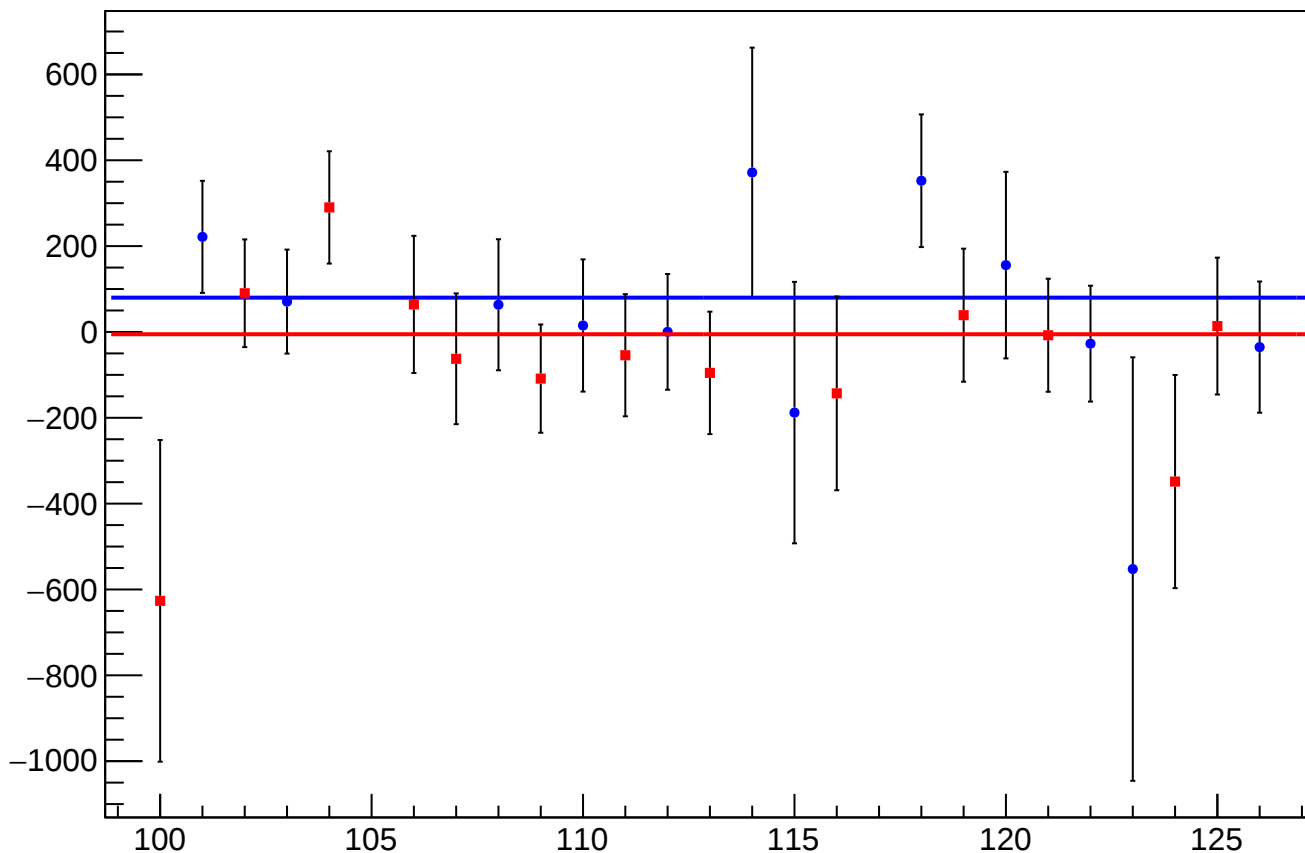
Right: 1145.292+/-0.282 χ^2/NDF : 1395309.4/24

In: 1181.281+/-0.426 χ^2/NDF : 672352.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1145.292+/-0.282 χ^2/NDF : 1395309.4/24

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 79.911+/-46.918 χ^2/NDF : 9.6/11

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

Right Out: -5.343+/-42.747 χ^2/NDF : 12.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

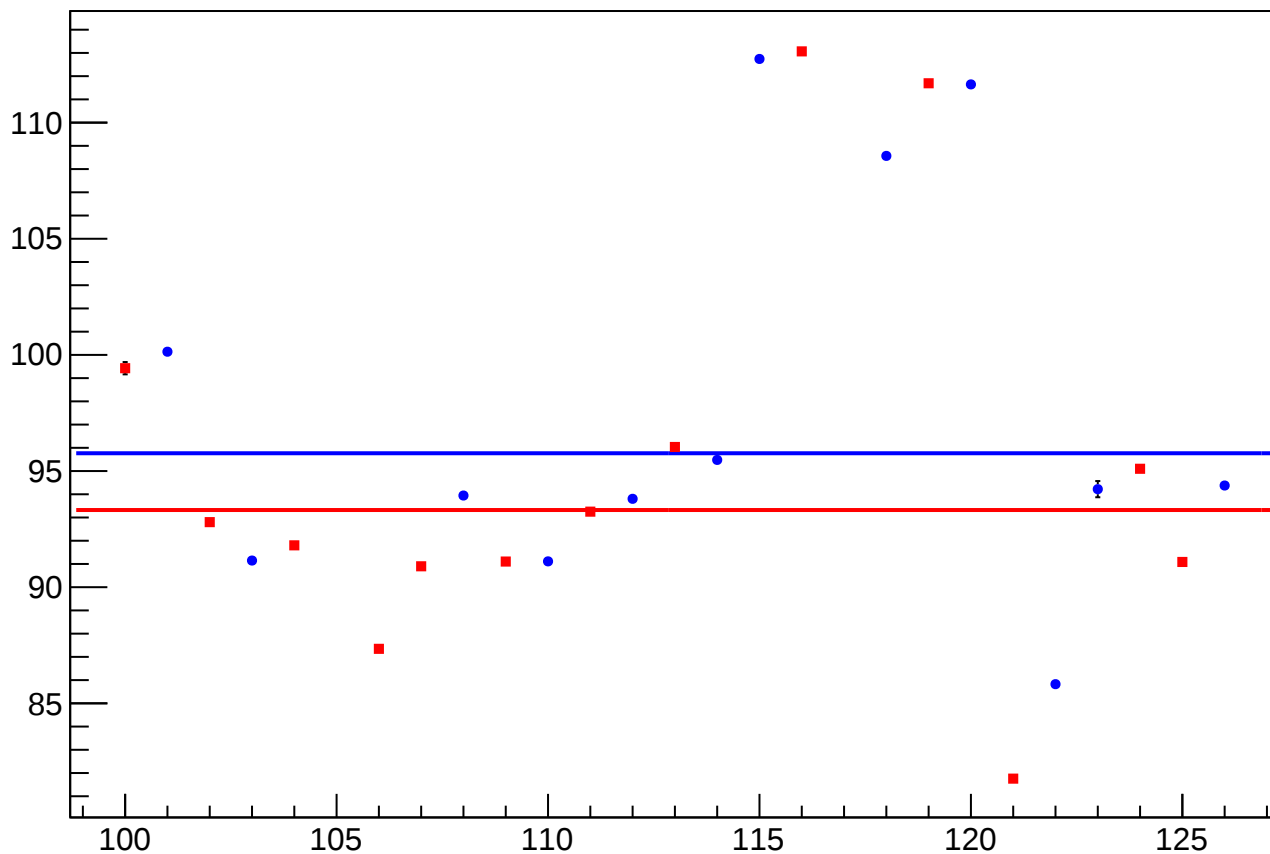
Right: 33.327+/-31.599 χ^2/NDF : 23.7/24

In: 79.911+/-46.918 χ^2/NDF : 9.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.327+/-31.599 χ^2/NDF : 23.7/24

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 95.766+/-0.033 χ^2/NDF : 49325.4/11

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

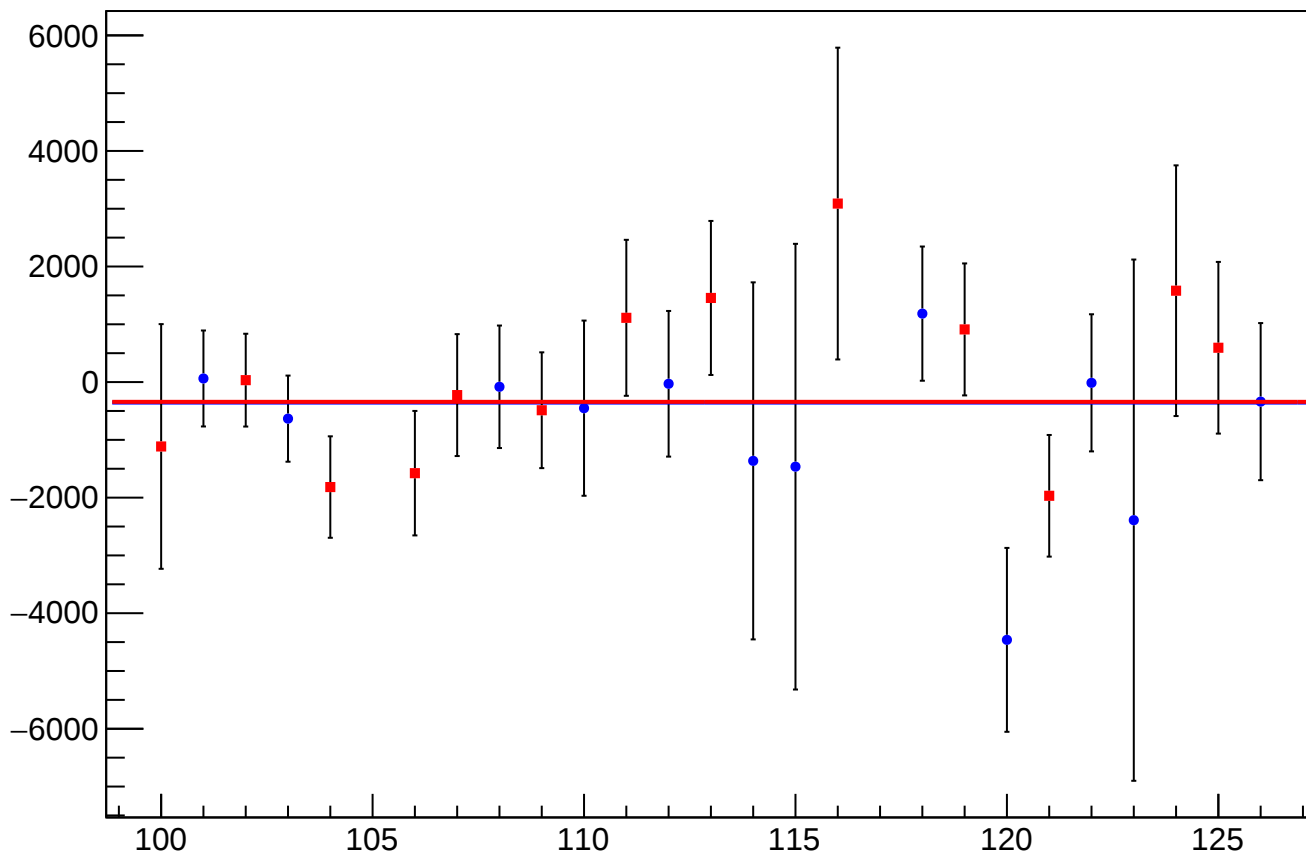
Right: 94.431+/-0.022 χ^2/NDF : 117093.6/24

In: 95.766+/-0.033 χ^2/NDF : 49325.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.431+/-0.022 χ^2/NDF : 117093.6/24

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -354.712+/-357.741 χ^2/NDF : 9.4/11

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

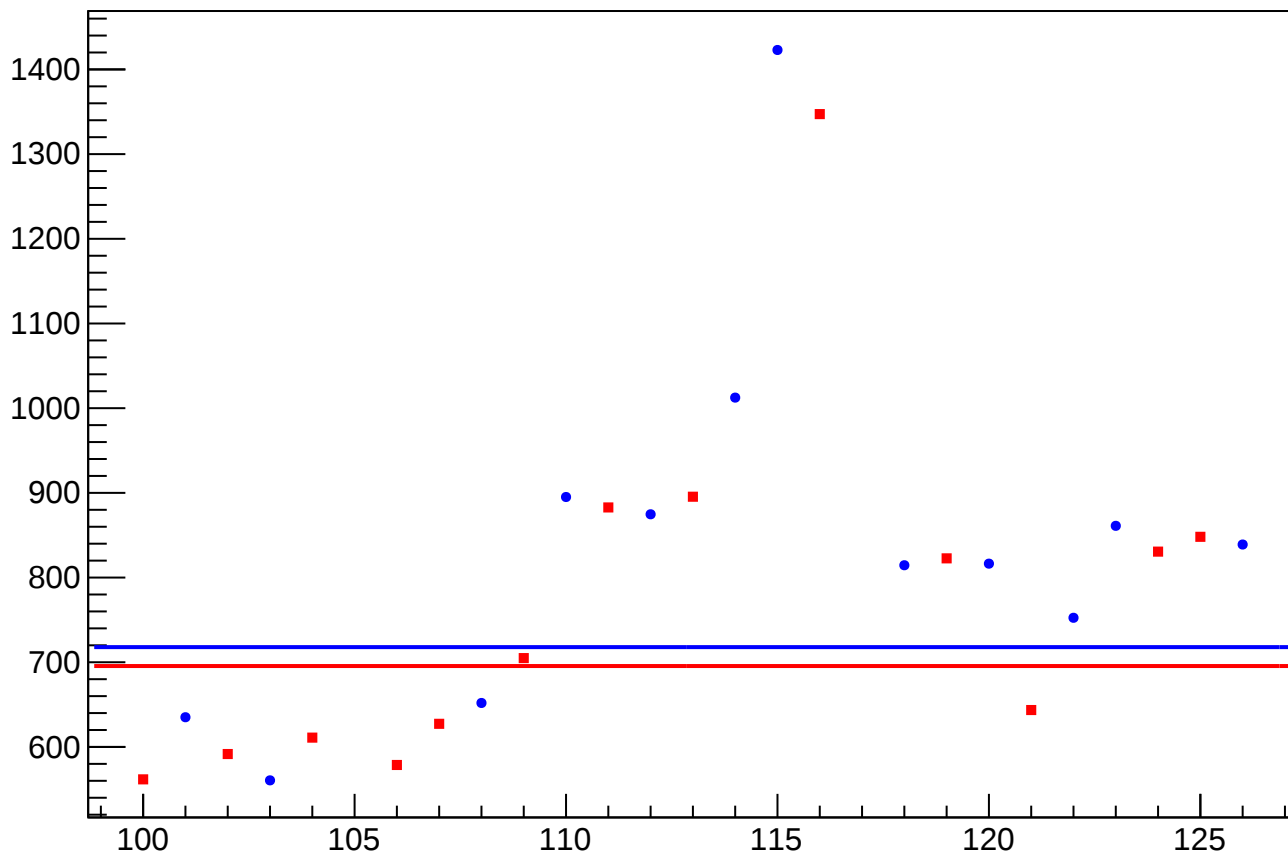
Right: -347.733+/-240.942 χ^2/NDF : 23.3/24

In: -354.712+/-357.741 χ^2/NDF : 9.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -347.733+/-240.942 χ^2/NDF : 23.3/24

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 717.866+/-0.253 χ^2/NDF : 301219.3/11

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

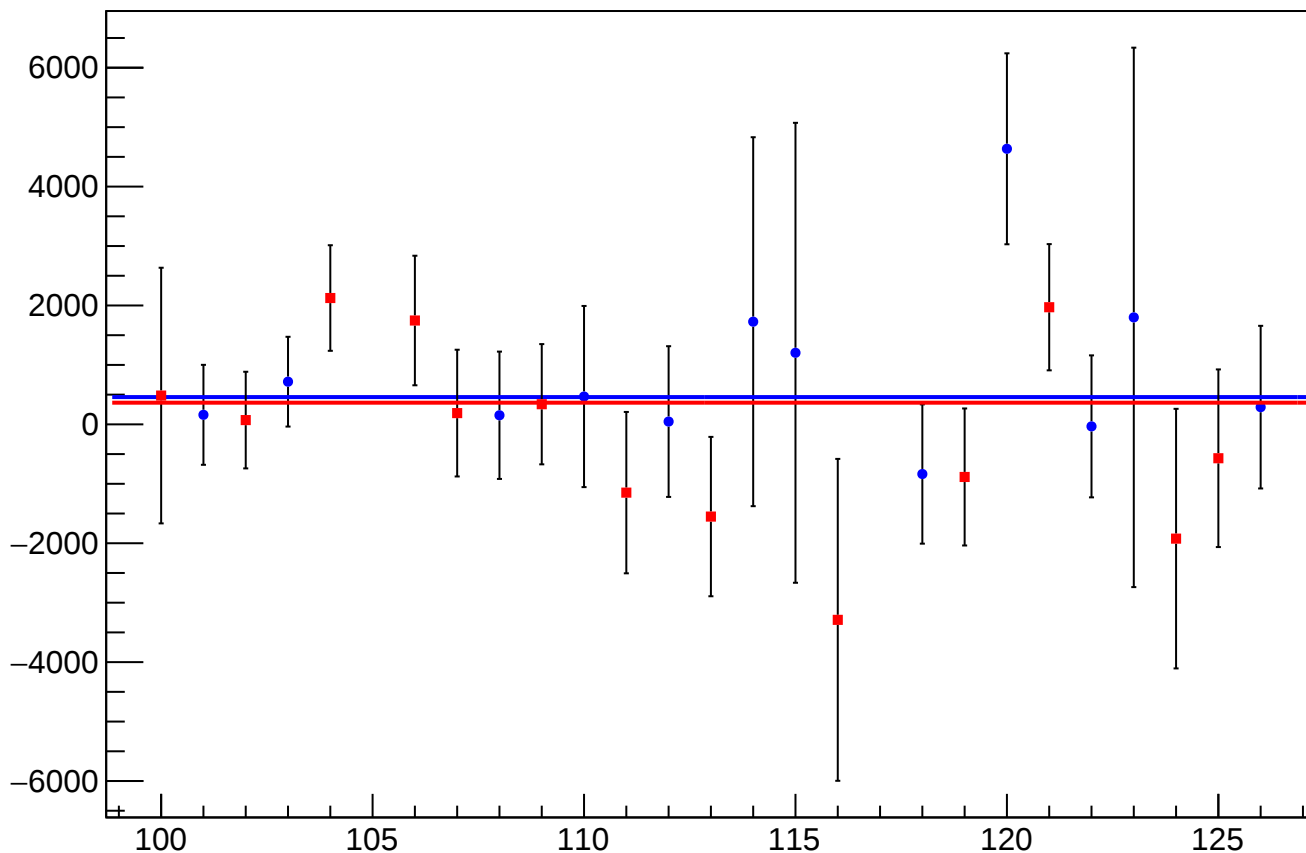
Right: 705.662+/-0.170 χ^2/NDF : 656280.1/24

In: 717.866+/-0.253 χ^2/NDF : 301219.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 705.662+/-0.170 χ^2/NDF : 656280.1/24

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 458.872+/-361.241 χ^2/NDF : 8.9/11

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

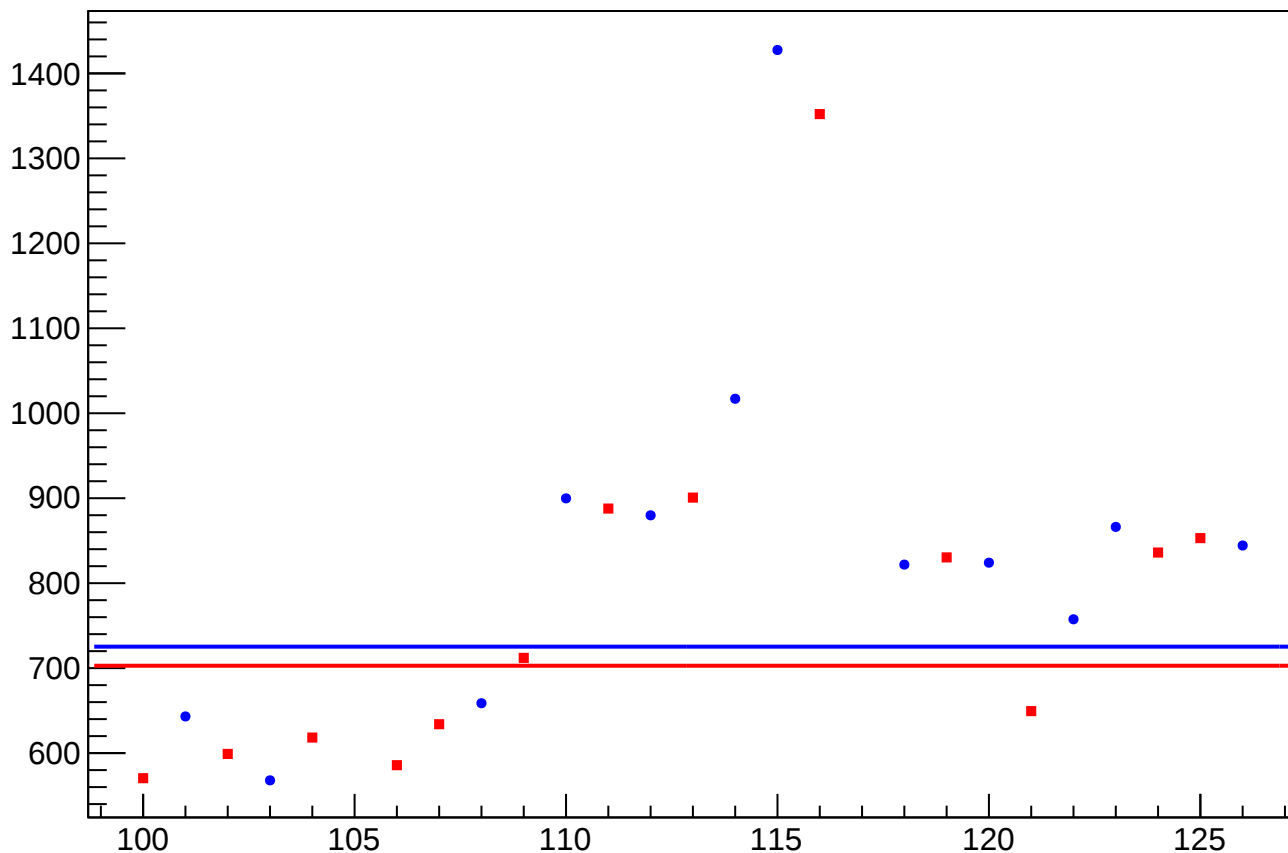
Right: 407.380+/-243.306 χ^2/NDF : 24.7/24

In: 458.872+/-361.241 χ^2/NDF : 8.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 407.380+/-243.306 χ^2/NDF : 24.7/24

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 725.304+/-0.255 χ^2/NDF : 292882.5/11

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

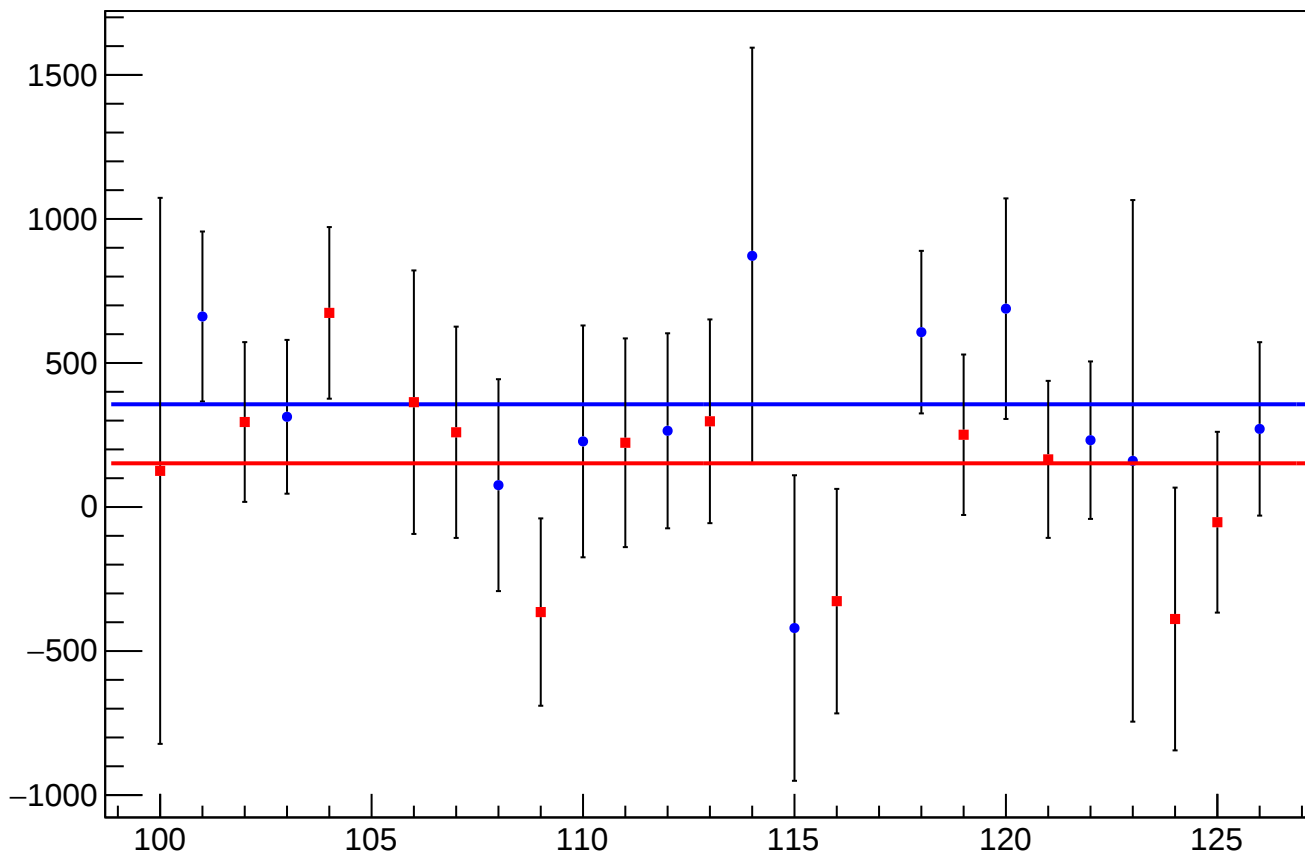
Right: 713.026+/-0.172 χ^2/NDF : 639921.8/24

In: 725.304+/-0.255 χ^2/NDF : 292882.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 713.026+/-0.172 χ^2/NDF : 639921.8/24

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 356.665 $\pm$ 100.860 χ^2 /NDF: 6.4/11

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

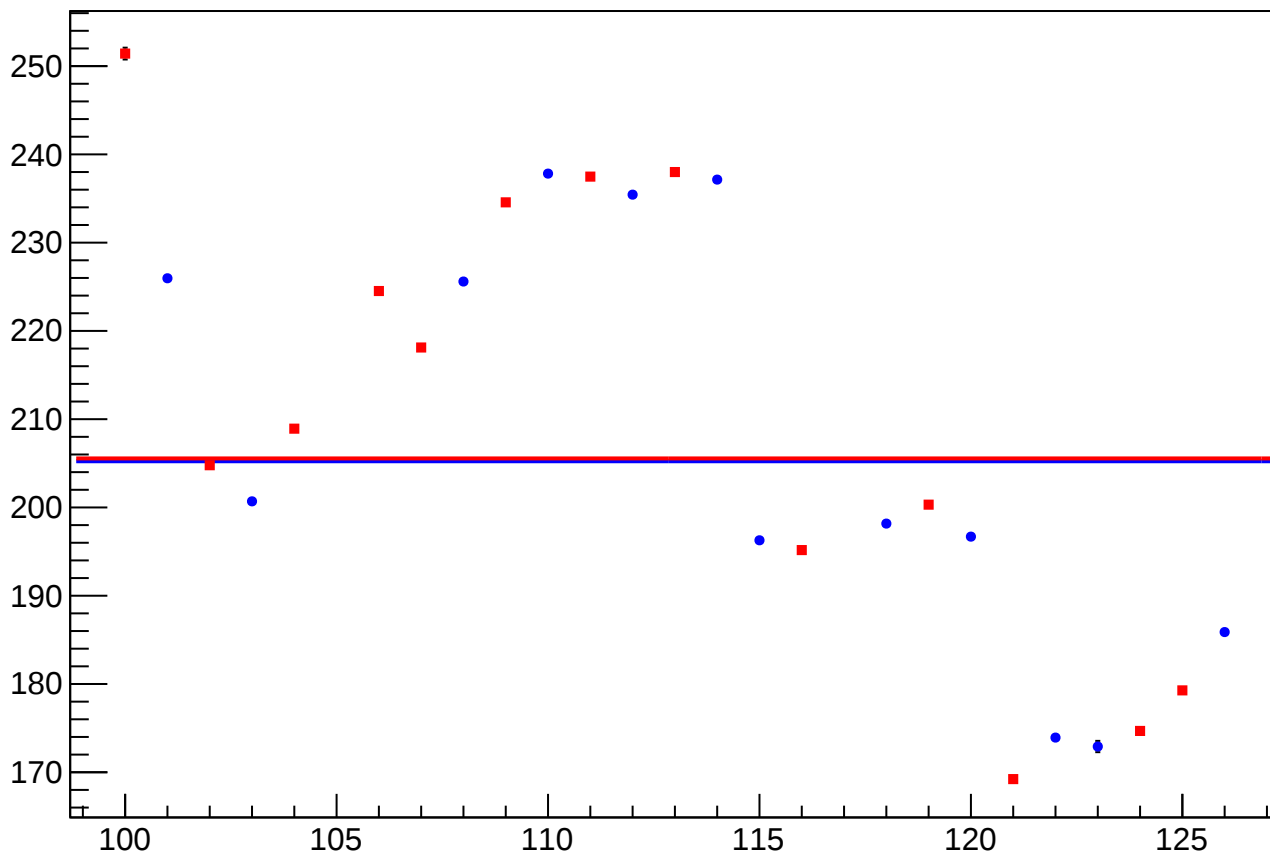
Right: 248.183 $\pm$ 69.193 χ^2 /NDF: 18.4/24

In: 356.665 $\pm$ 100.860 χ^2 /NDF:6.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 248.183 $\pm$ 69.193 χ^2 /NDF: 18.4/24

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 205.235+/-0.071 χ^2/NDF : 89376.5/11

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

Right Out: 205.554+/-0.067 χ^2/NDF : 119870.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

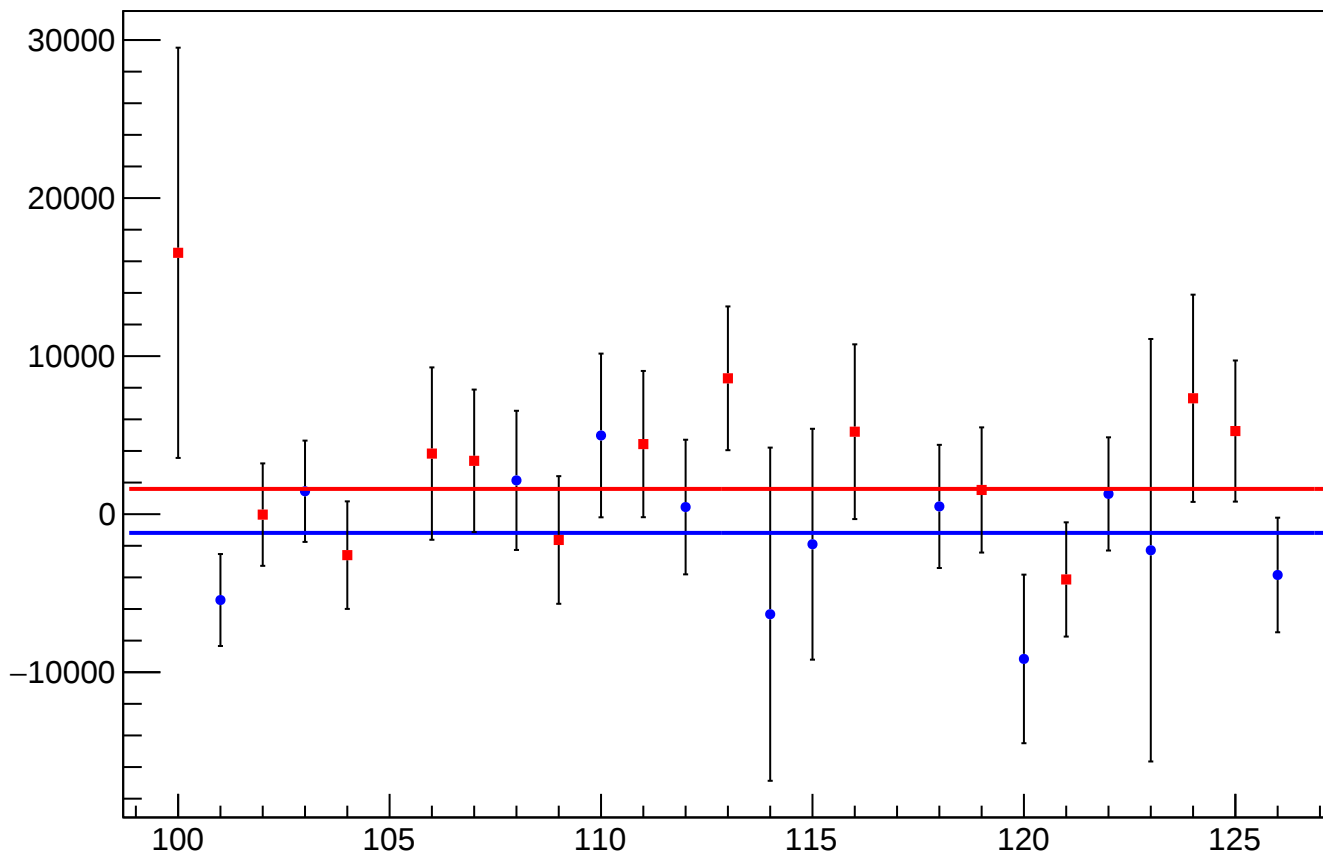
Right: 205.404+/-0.049 χ^2/NDF : 209257.6/24

In: 205.235+/-0.071 χ^2/NDF :89376.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 205.404+/-0.049 χ^2/NDF : 209257.6/24

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1184.220+/-1242.374 χ^2/NDF : 8.6/11

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

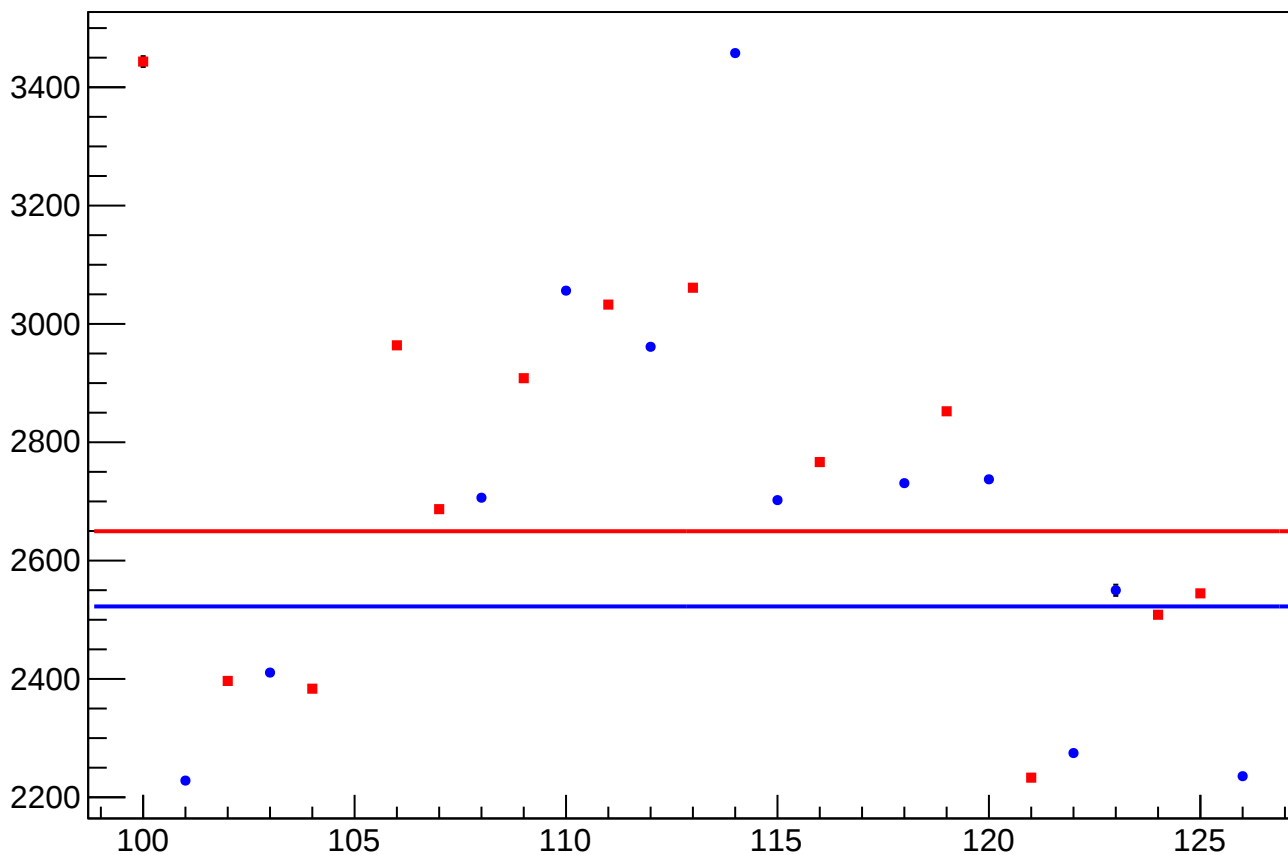
Right: 233.783+/-870.028 χ^2/NDF : 22.4/24

In: -1184.220+/-1242.374 χ^2/NDF : 8.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.783+/-870.028 χ^2/NDF : 22.4/24

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2522.525+/-0.878 χ^2/NDF : 116875.4/11

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

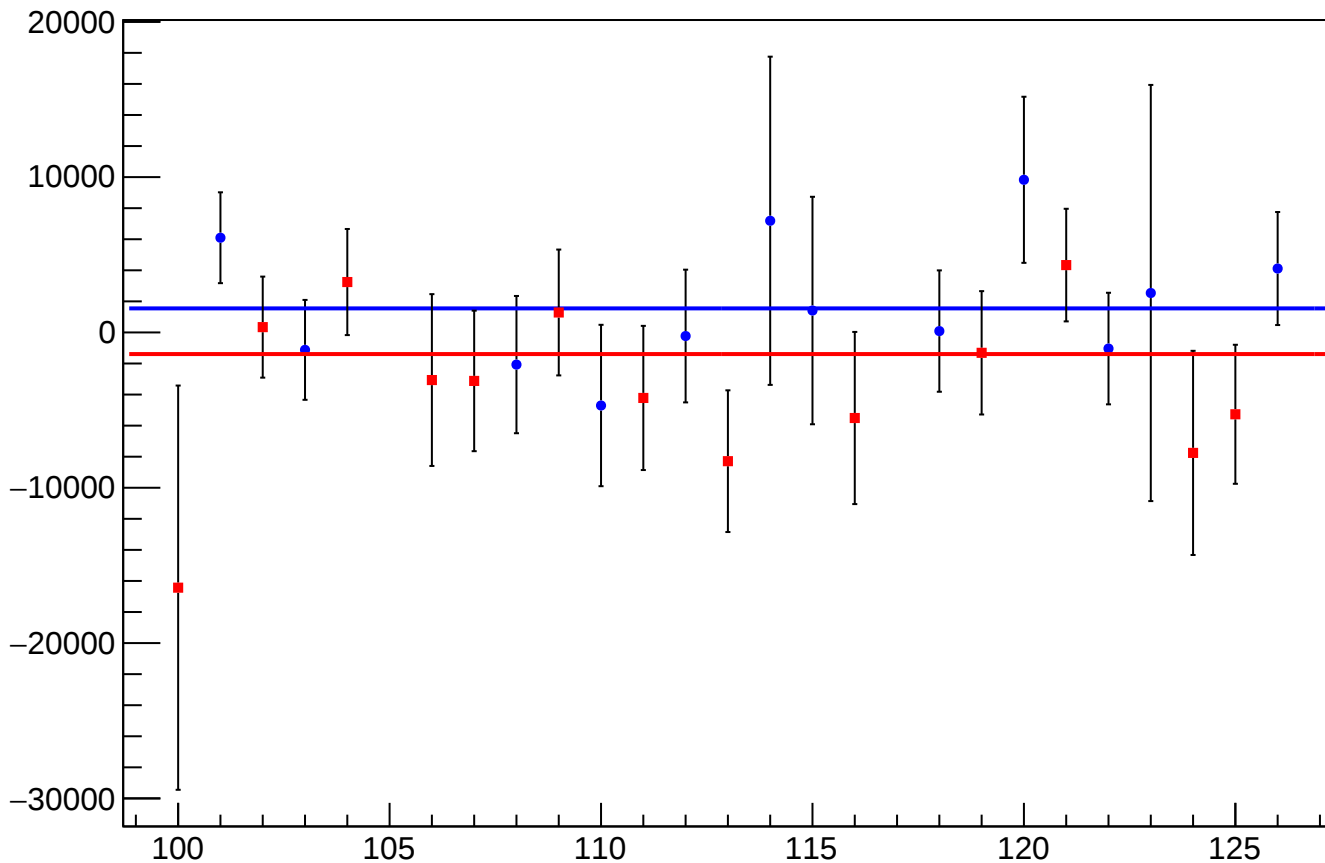
Right: 2587.306+/-0.615 χ^2/NDF : 239238.6/24

In: 2522.525+/-0.878 χ^2/NDF : 116875.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2587.306+/-0.615 χ^2/NDF : 239238.6/24

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1547.832 $\pm$ 1246.732 χ^2 /NDF: 9.2/11

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

Right Out: -1392.503 $\pm$ 1223.293 χ^2 /NDF: 11.5/12

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

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

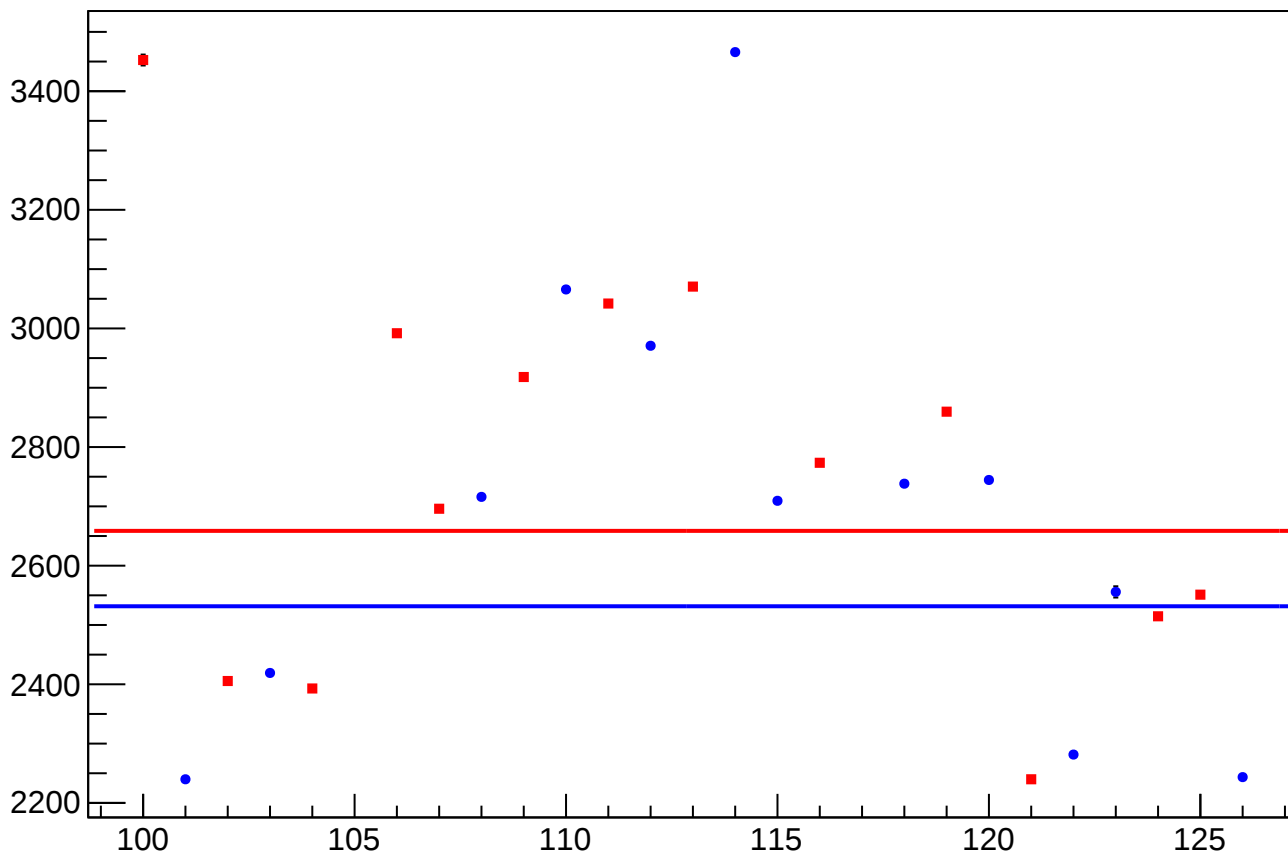
Right: 49.765 $\pm$ 873.168 χ^2 /NDF: 23.6/24

In: 1547.832 $\pm$ 1246.732 χ^2 /NDF:9.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 49.765 $\pm$ 873.168 χ^2 /NDF: 23.6/24

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2531.550+/-0.882 χ^2/NDF : 115931.9/11

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

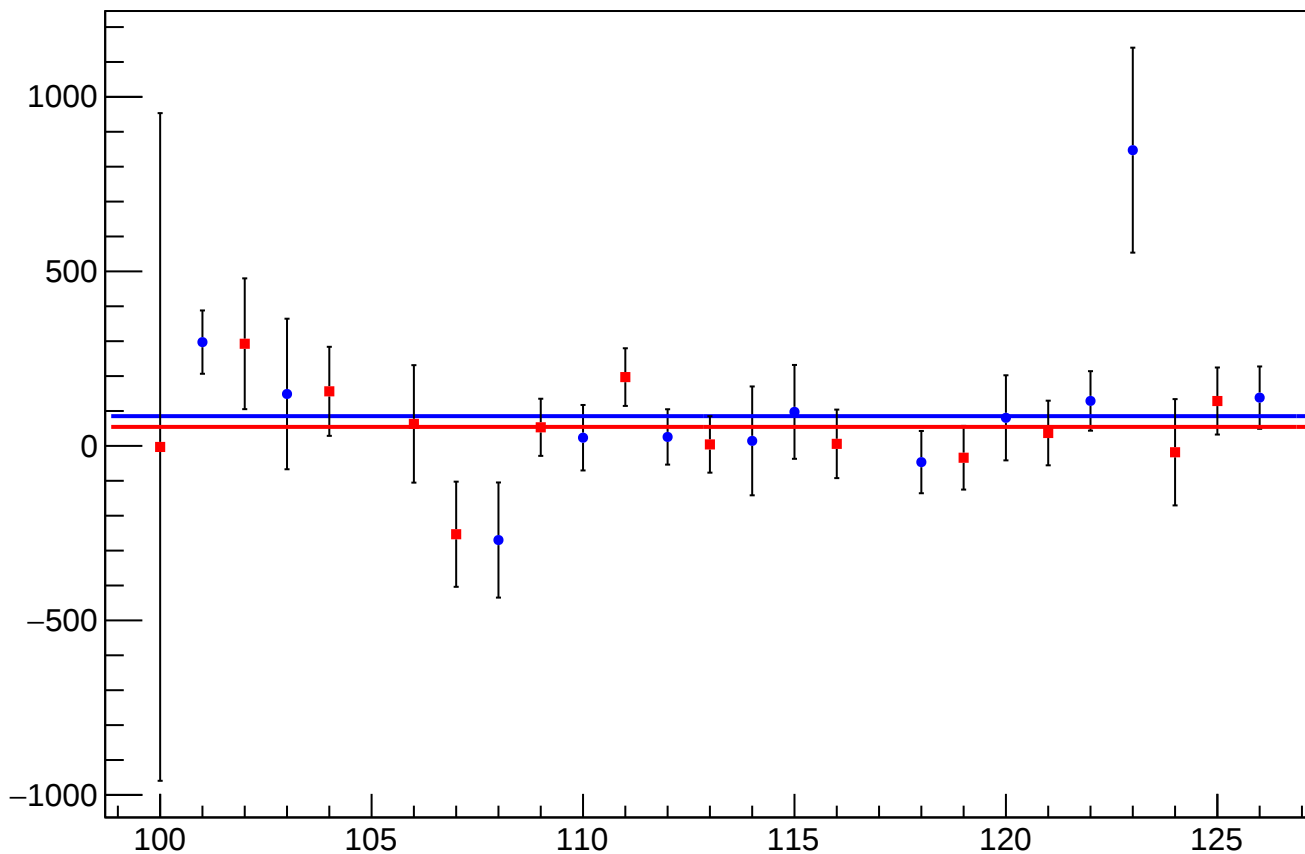
Right: 2596.321+/-0.617 χ^2/NDF : 238527.8/24

In: 2531.550+/-0.882 χ^2/NDF : 115931.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2596.321+/-0.617 χ^2/NDF : 238527.8/24

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 85.223+/-31.365 χ^2/NDF : 20.9/11

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

Right Out: 54.431+/-30.000 χ^2/NDF : 11.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

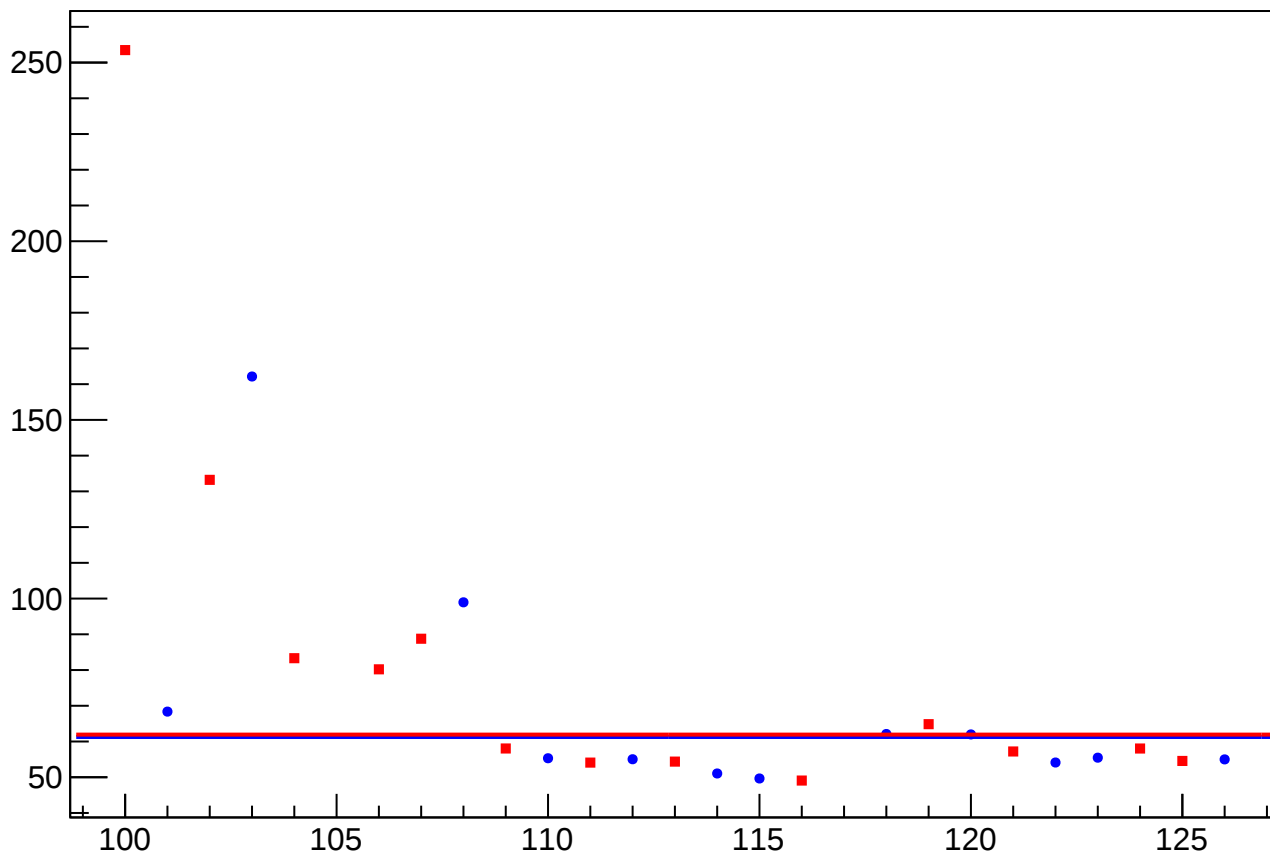
Right: 69.142+/-21.680 χ^2/NDF : 33.3/24

In: 85.223+/-31.365 χ^2/NDF : 20.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.142+/-21.680 χ^2/NDF : 33.3/24

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 61.270+/-0.022 χ^2/NDF : 622957.9/11

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

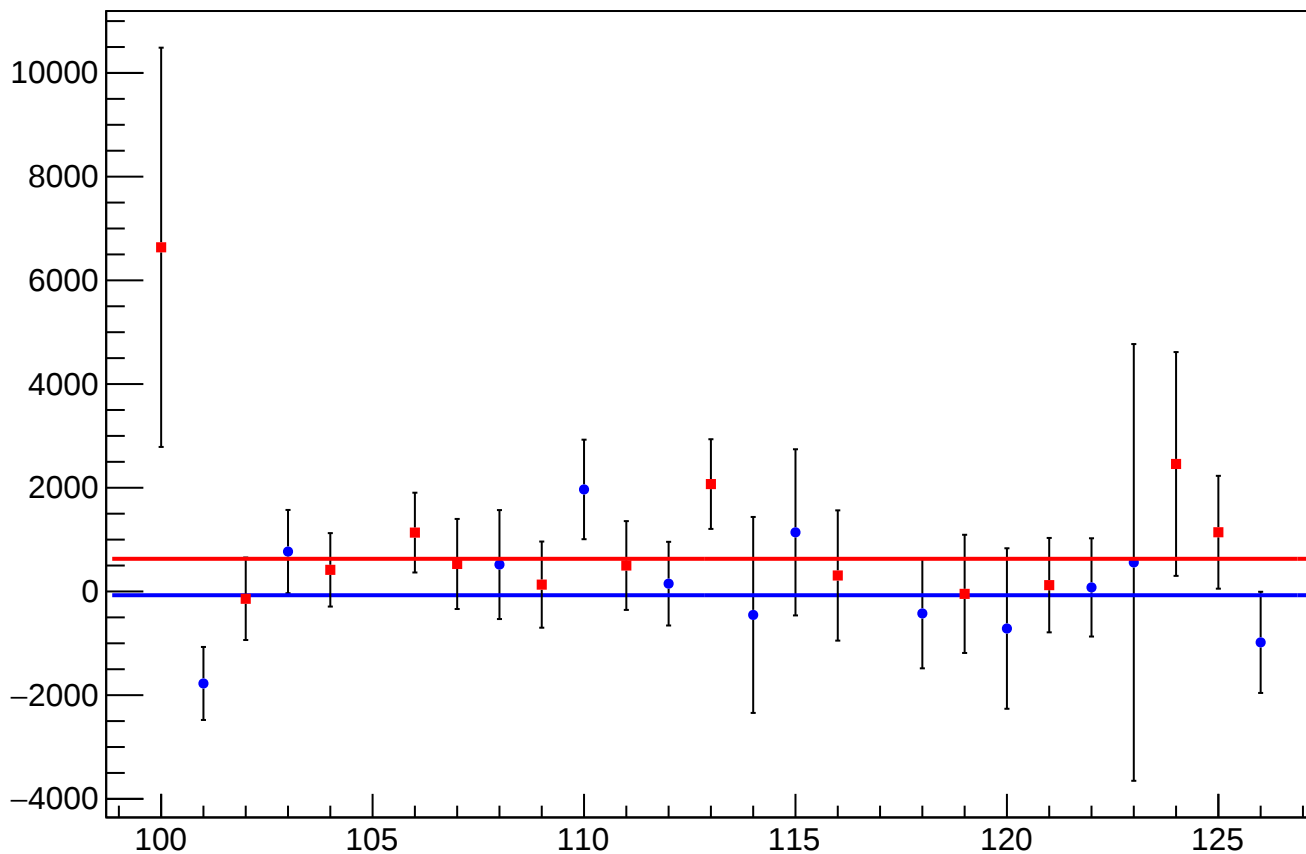
Right: 61.614+/-0.015 χ^2/NDF : 1230936.4/24

In: 61.270+/-0.022 χ^2/NDF : 622957.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.614+/-0.015 χ^2/NDF : 1230936.4/24

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -72.668 $\pm$ 297.533 χ^2 /NDF: 13.7/11

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

Right Out: 629.803 $\pm$ 262.838 χ^2 /NDF: 8.7/12

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

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

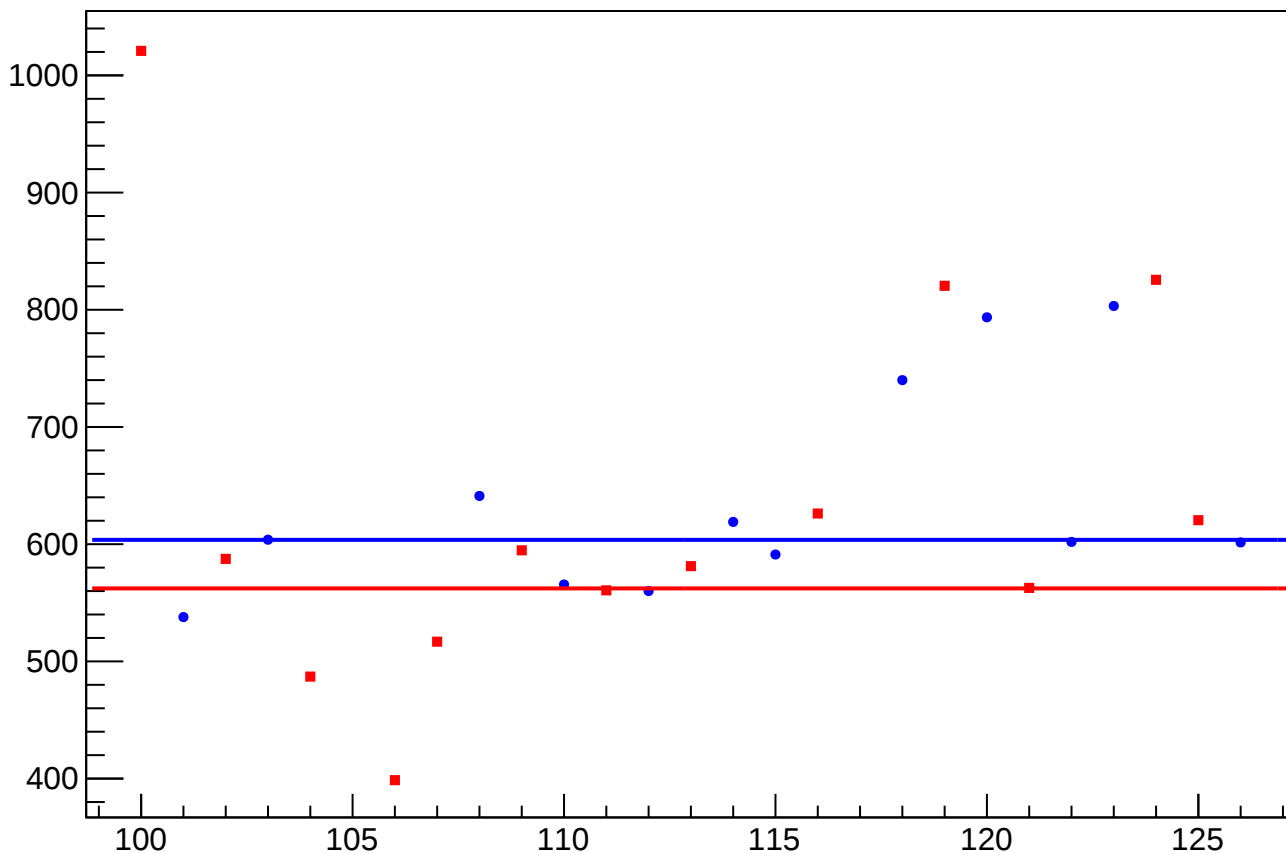
Right: 321.894 $\pm$ 196.984 χ^2 /NDF: 25.5/24

In: -72.668 $\pm$ 297.533 χ^2 /NDF: 13.7/11

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

All: 321.894 $\pm$ 196.984 χ^2 /NDF: 25.5/24

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 603.703+/-0.210 χ^2/NDF : 97081.4/11

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

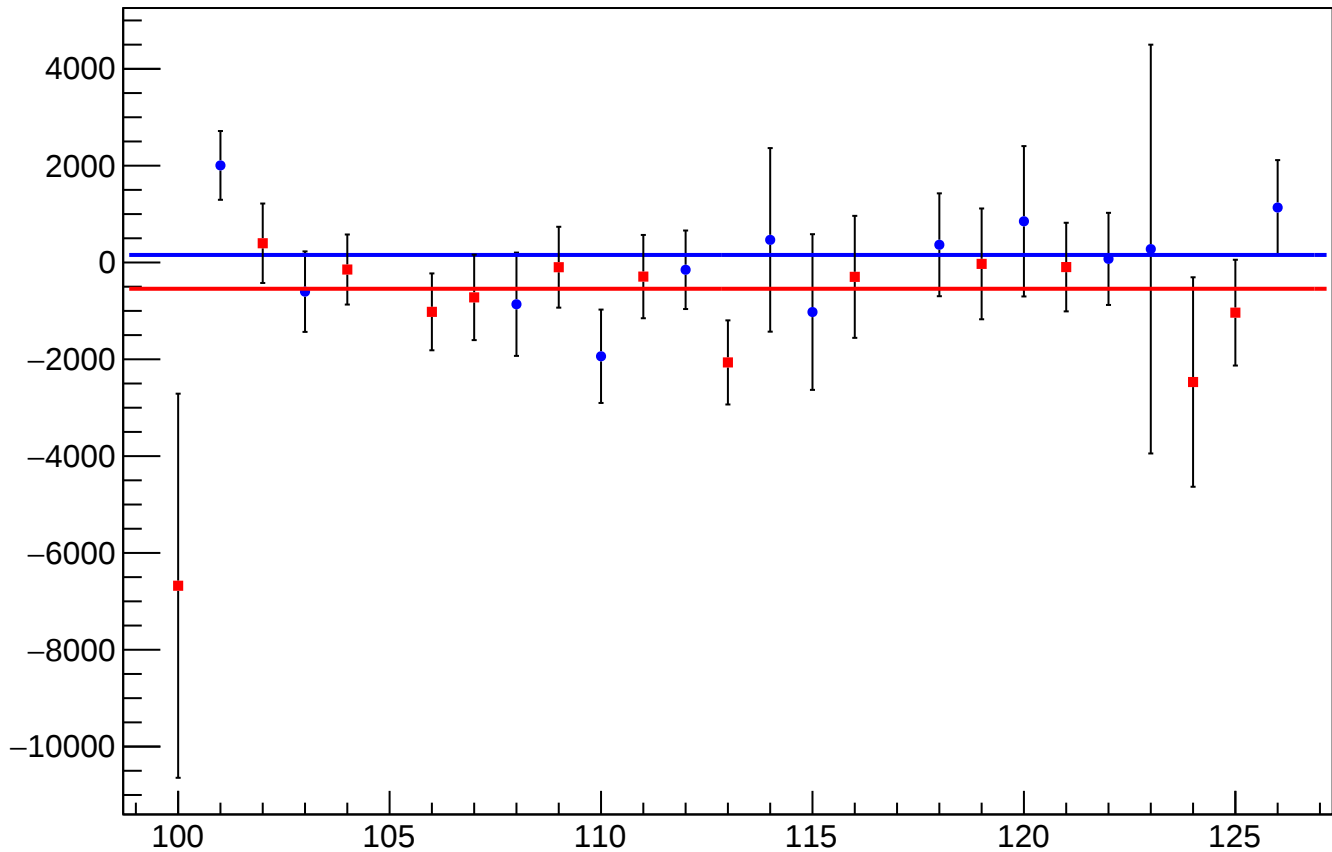
Right: 580.425+/-0.139 χ^2/NDF : 415108.1/24

In: 603.703+/-0.210 χ^2/NDF : 97081.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 580.425+/-0.139 χ^2/NDF : 415108.1/24

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 155.804+/-300.562 χ^2/NDF : 15.2/11

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

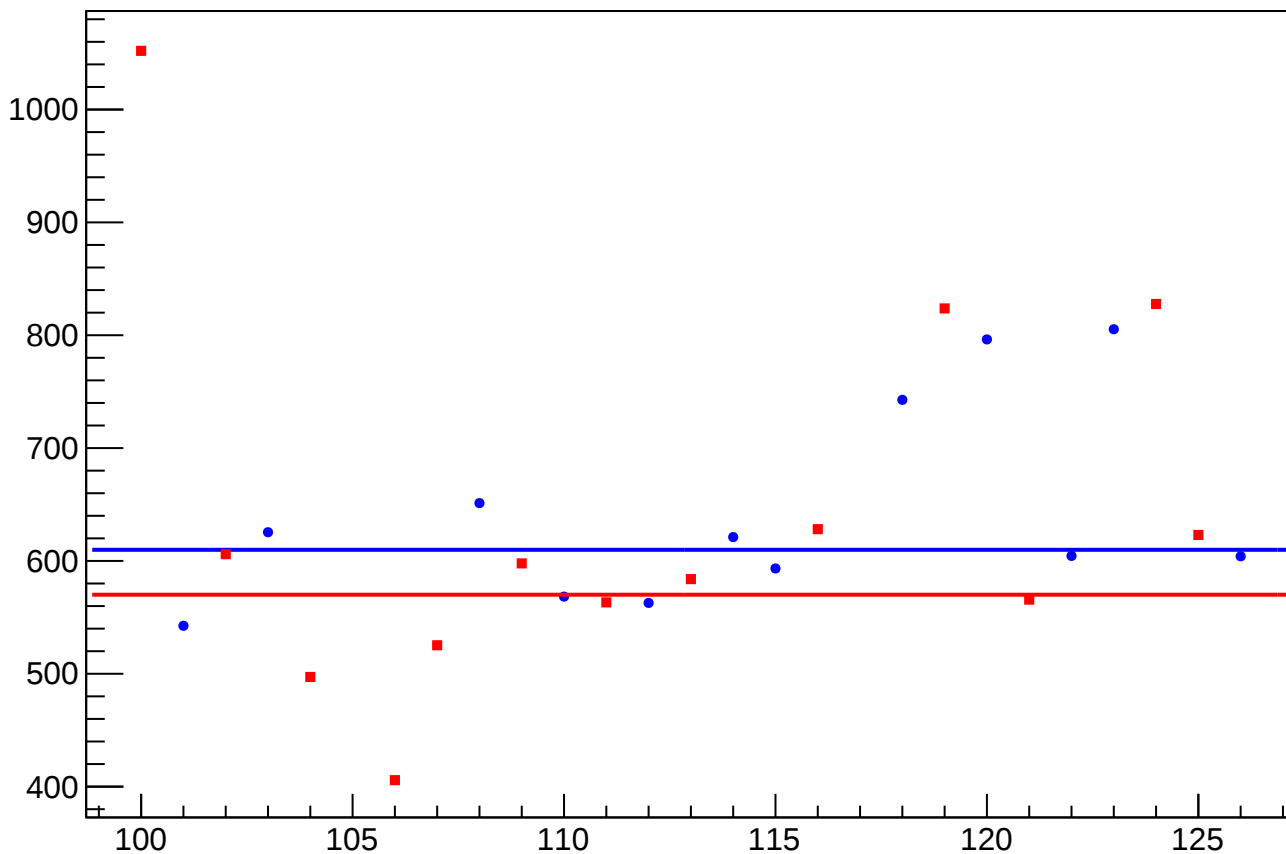
Right: -235.256+/-199.422 χ^2/NDF : 27.5/24

In: 155.804+/-300.562 χ^2/NDF : 15.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -235.256+/-199.422 χ^2/NDF : 27.5/24

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 609.865+/-0.213 χ^2/NDF : 96907.2/11

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

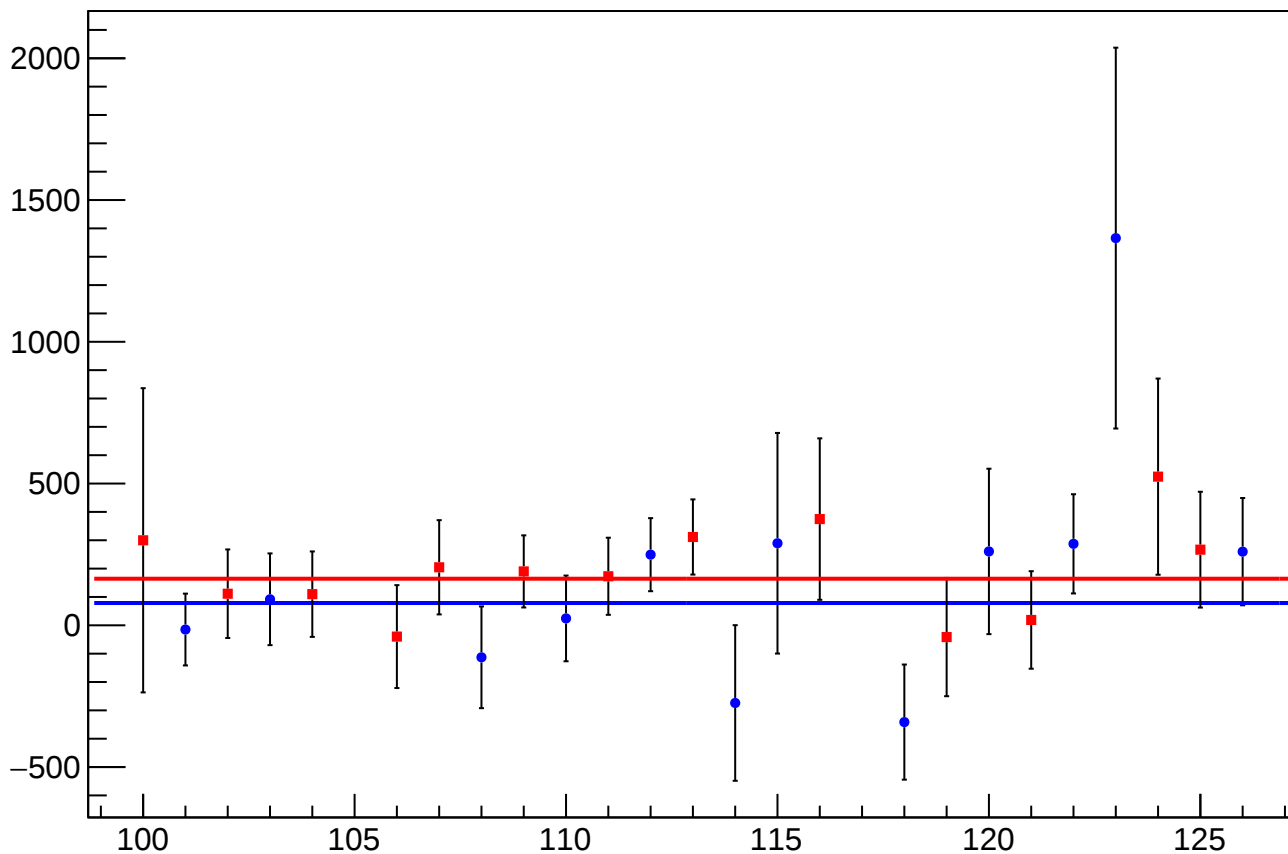
Right: 587.581+/-0.141 χ^2/NDF : 399492.2/24

In: 609.865+/-0.213 χ^2/NDF : 96907.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 587.581+/-0.141 χ^2/NDF : 399492.2/24

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 78.673+/-53.124 χ^2/NDF : 16.2/11

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

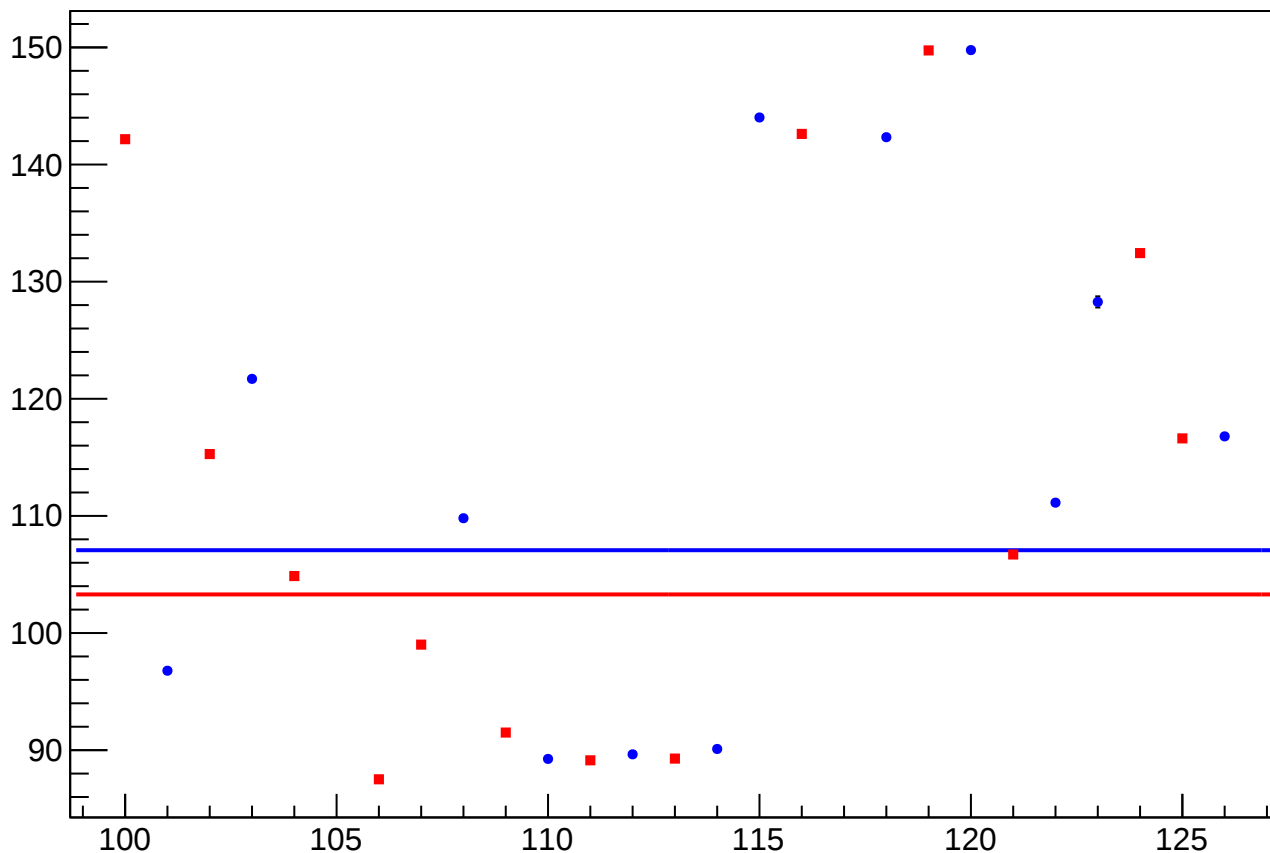
Right: 125.611+/-35.722 χ^2/NDF : 24.1/24

In: 78.673+/-53.124 χ^2/NDF : 16.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.611+/-35.722 χ^2/NDF : 24.1/24

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 107.072+/-0.038 χ^2/NDF : 231593.5/11

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

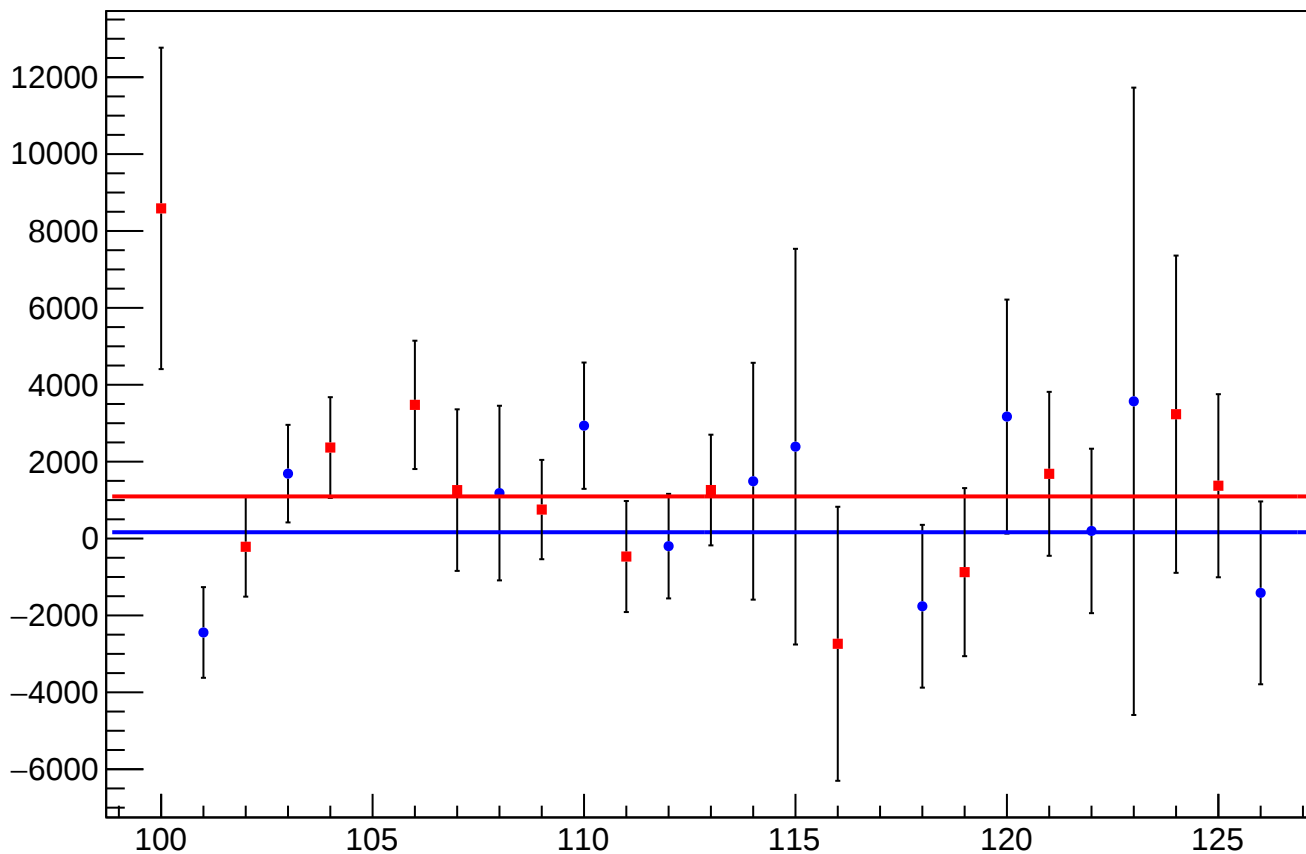
Right: 105.003+/-0.025 χ^2/NDF : 498163.4/24

In: 107.072+/-0.038 χ^2/NDF : 231593.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.003+/-0.025 χ^2/NDF : 498163.4/24

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 164.153+/-548.013 χ^2/NDF : 12.2/11

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

Right Out: 1095.459+/-492.416 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

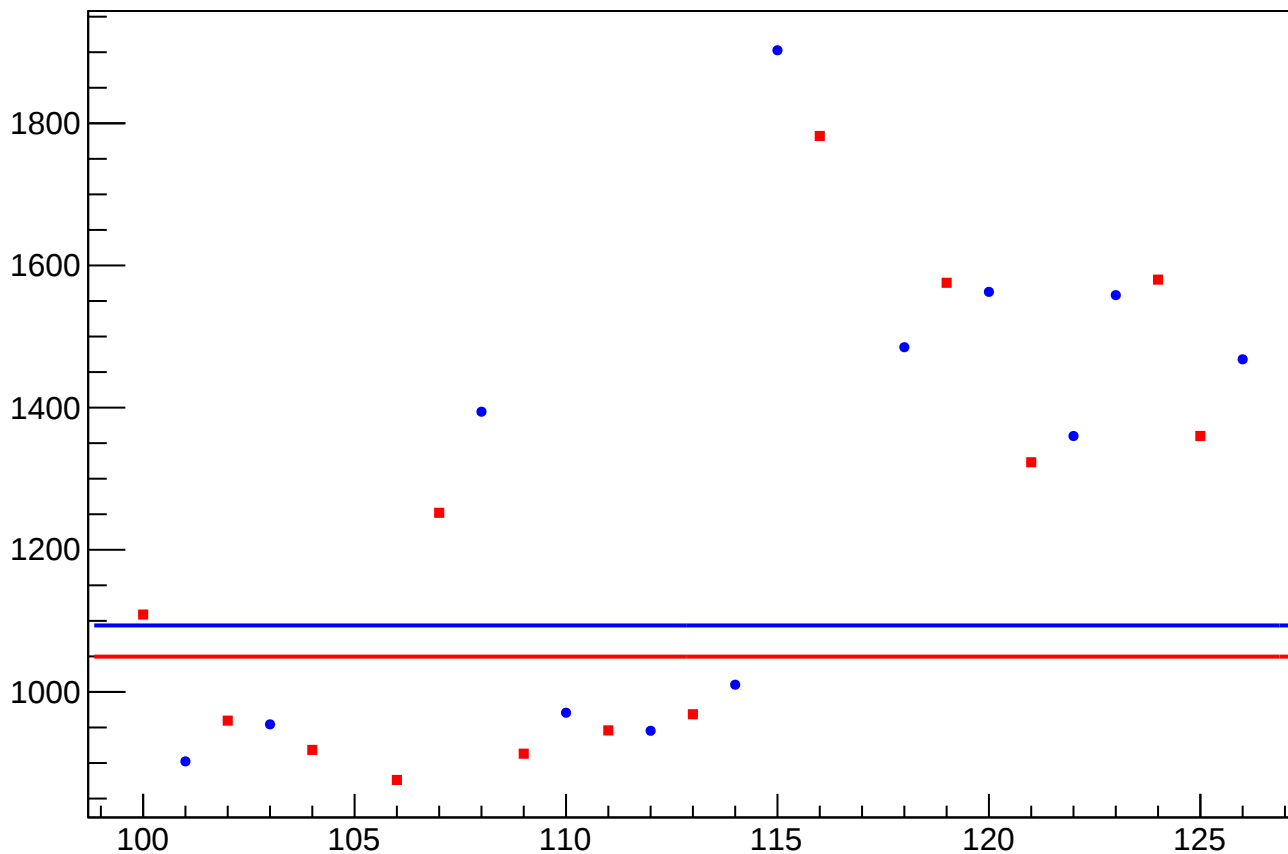
Right: 679.430+/-366.275 χ^2/NDF : 24.6/24

In: 164.153+/-548.013 χ^2/NDF : 12.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 679.430+/-366.275 χ^2/NDF : 24.6/24

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1093.547+/-0.388 χ^2/NDF : 400567.8/11

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

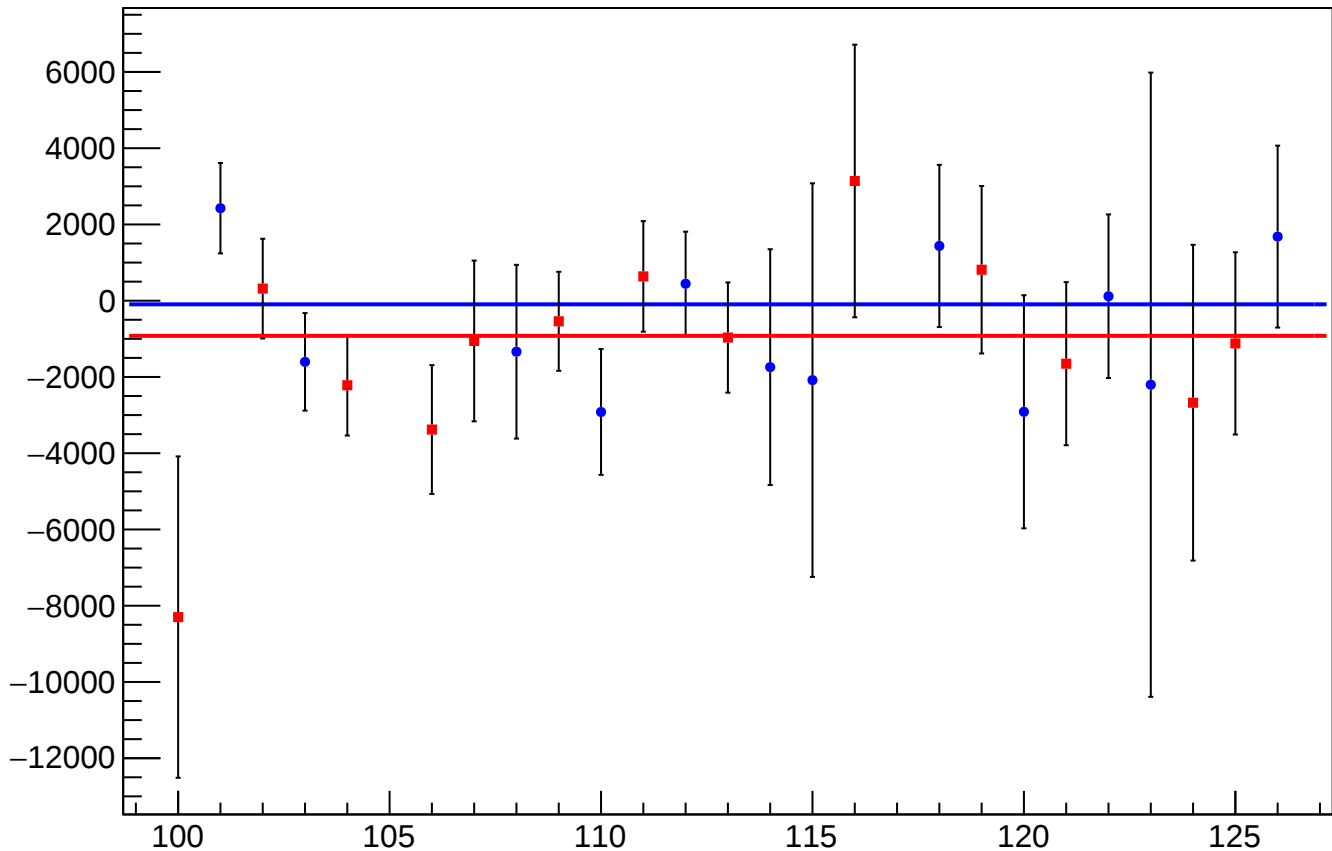
Right: 1069.280+/-0.259 χ^2/NDF : 817145.1/24

In: 1093.547+/-0.388 χ^2/NDF :400567.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1069.280+/-0.259 χ^2/NDF : 817145.1/24

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -95.237+/-550.860 χ^2/NDF : 11.7/11

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

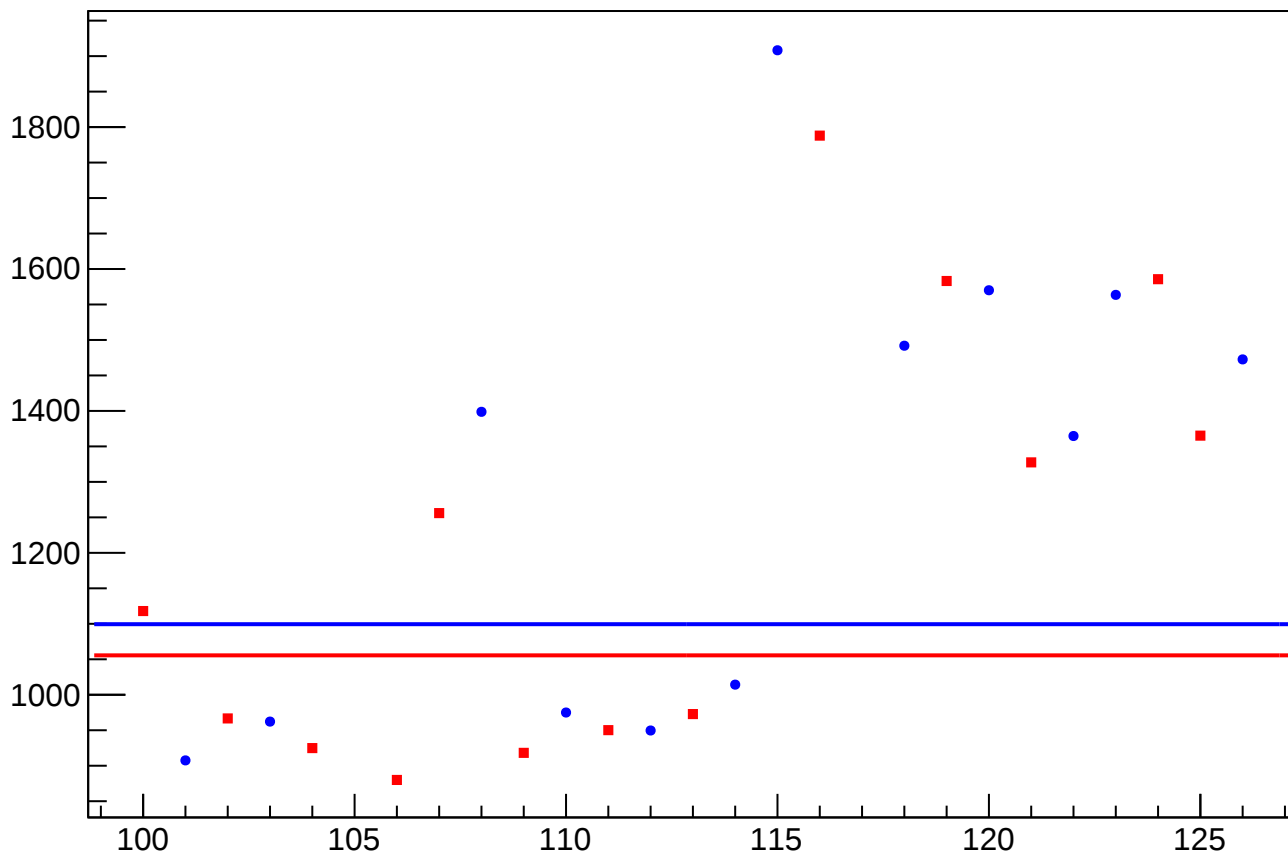
Right: -551.911+/-368.316 χ^2/NDF : 23.5/24

In: -95.237+/-550.860 χ^2/NDF :11.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -551.911+/-368.316 χ^2/NDF : 23.5/24

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1099.457+/-0.390 χ^2/NDF : 397334.3/11

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

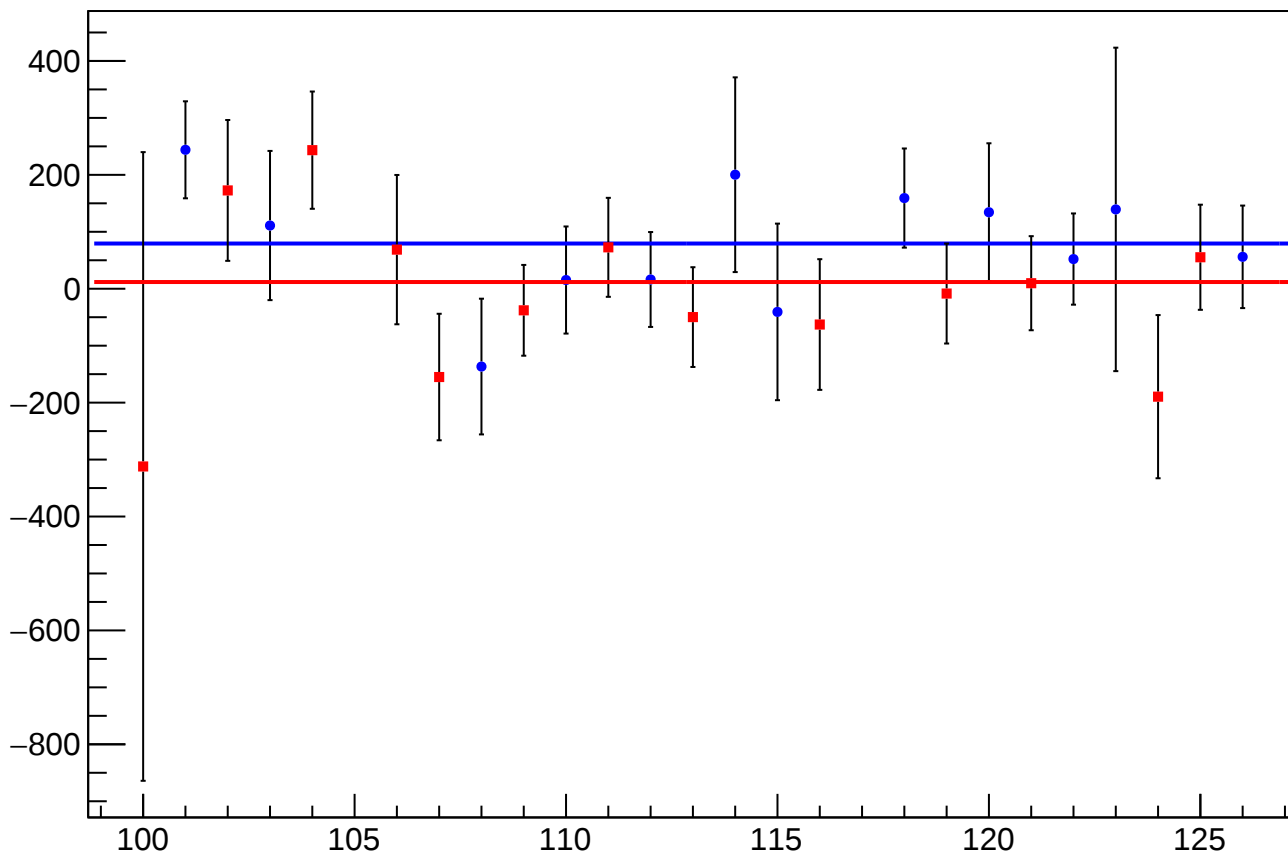
Right: 1075.176+/-0.260 χ^2/NDF : 810851.1/24

In: 1099.457+/-0.390 χ^2/NDF : 397334.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1075.176+/-0.260 χ^2/NDF : 810851.1/24

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 79.394 $\pm$ 30.270 χ^2 /NDF: 10.5/11

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

Right Out: 11.791 $\pm$ 28.389 χ^2 /NDF: 13.6/12

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

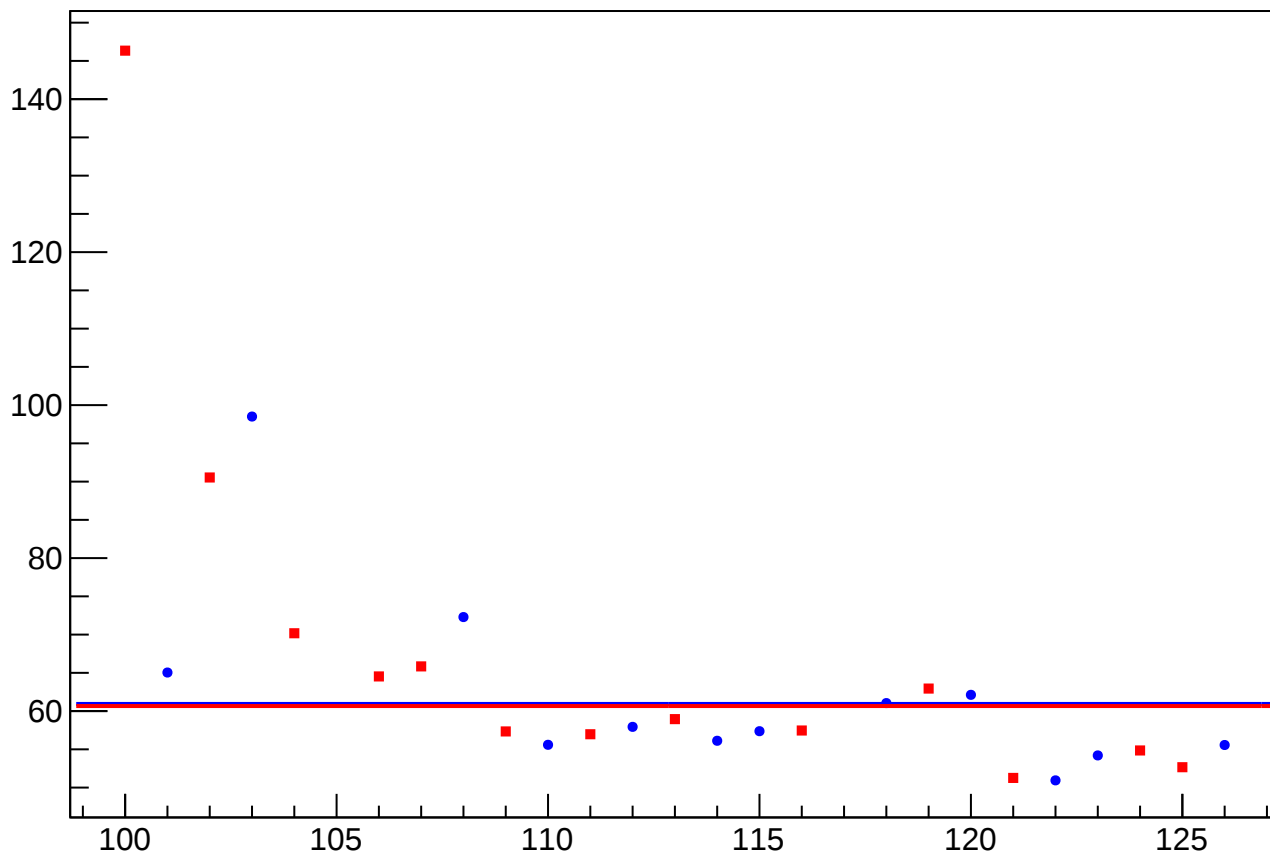
Right: 43.427 $\pm$ 20.707 χ^2 /NDF: 26.7/24

In: 79.394 $\pm$ 30.270 χ^2 /NDF:10.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 43.427 $\pm$ 20.707 χ^2 /NDF: 26.7/24

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 60.934+/-0.021 χ^2/NDF : 238568.9/11

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

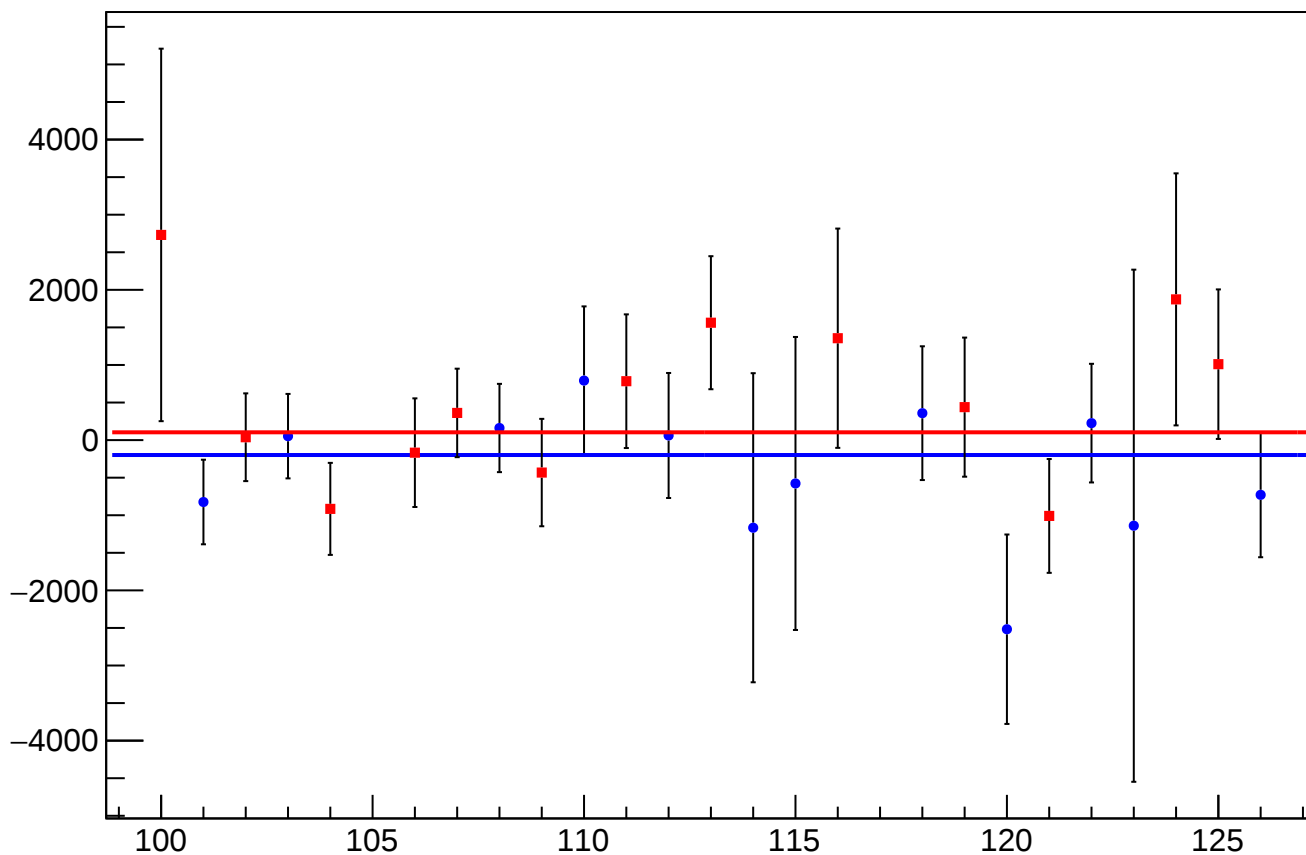
Right: 60.788+/-0.015 χ^2/NDF : 481696.8/24

In: 60.934+/-0.021 χ^2/NDF : 238568.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.788+/-0.015 χ^2/NDF : 481696.8/24

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -198.405+/-240.978 χ^2/NDF : 7.7/11

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

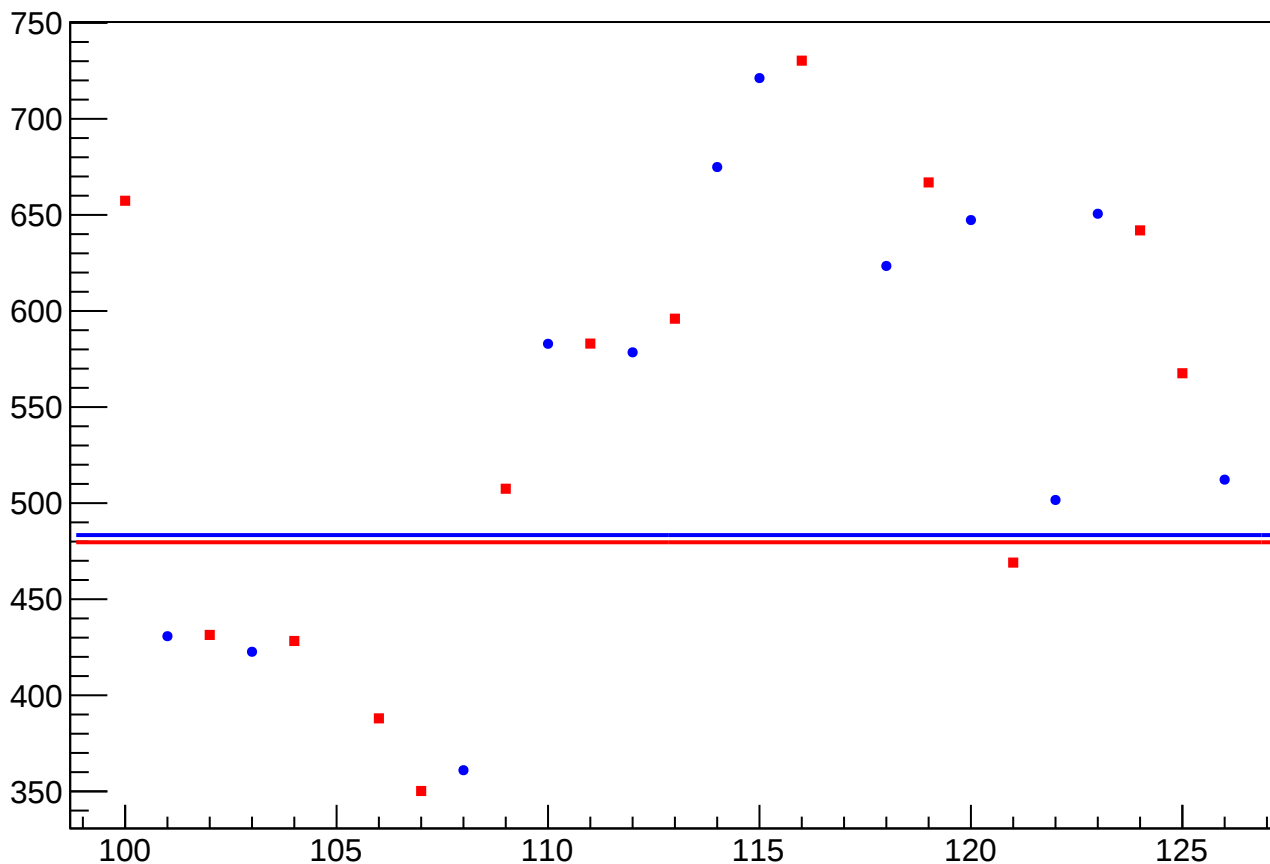
Right: -36.804+/-164.353 χ^2/NDF : 21.6/24

In: -198.405+/-240.978 χ^2/NDF : 7.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.804+/-164.353 χ^2/NDF : 21.6/24

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 483.377+/-0.170 χ^2/NDF : 312798.4/11

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

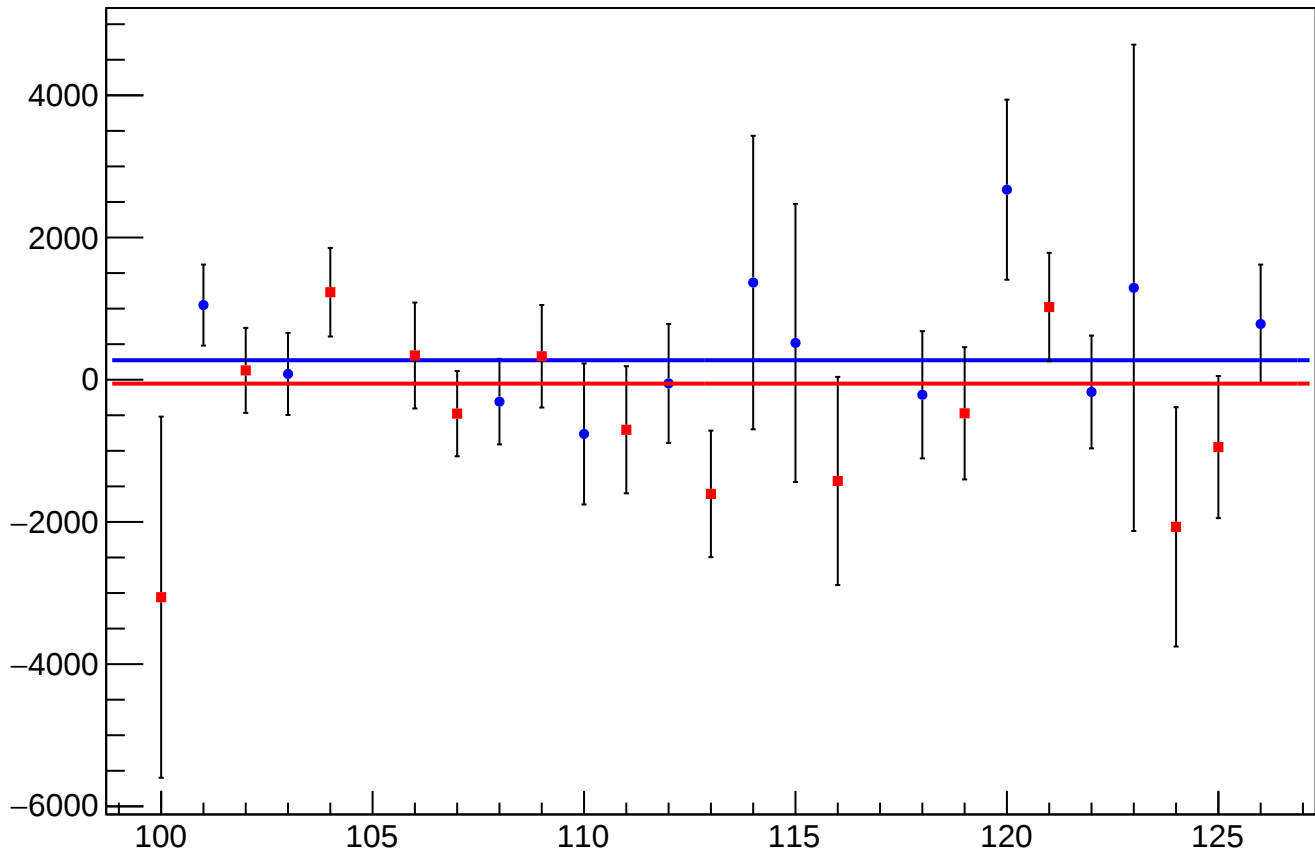
Right: 481.377+/-0.116 χ^2/NDF : 720021.3/24

In: 483.377+/-0.170 χ^2/NDF : 312798.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 481.377+/-0.116 χ^2/NDF : 720021.3/24

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 274.155+/-244.158 χ^2/NDF : 9.1/11

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

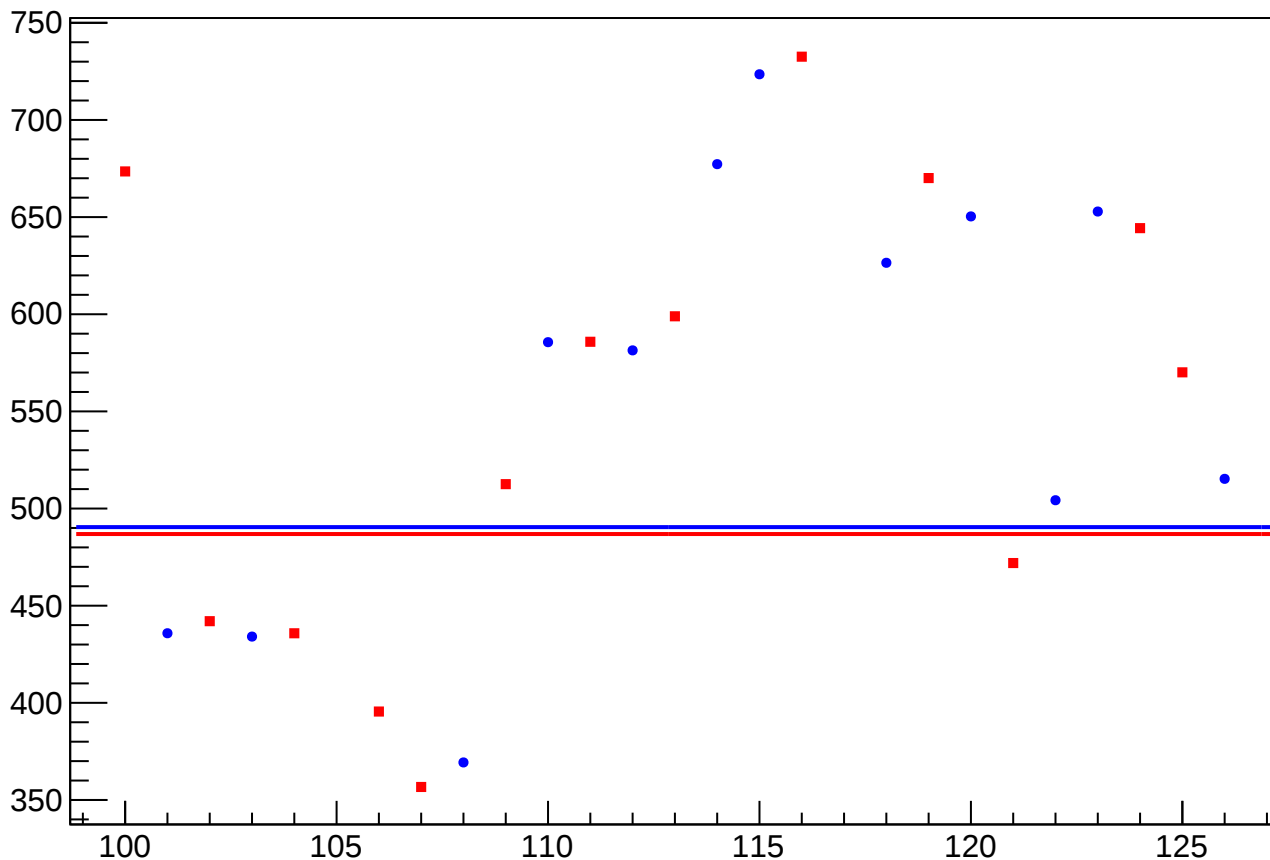
Right: 98.502+/-166.625 χ^2/NDF : 25.8/24

In: 274.155+/-244.158 χ^2/NDF : 9.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.502+/-166.625 χ^2/NDF : 25.8/24

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 490.442 $\pm$ 0.173 χ^2 /NDF: 290579.9/11

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

Right Out: 486.877 $\pm$ 0.161 χ^2 /NDF: 384633.7/12

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

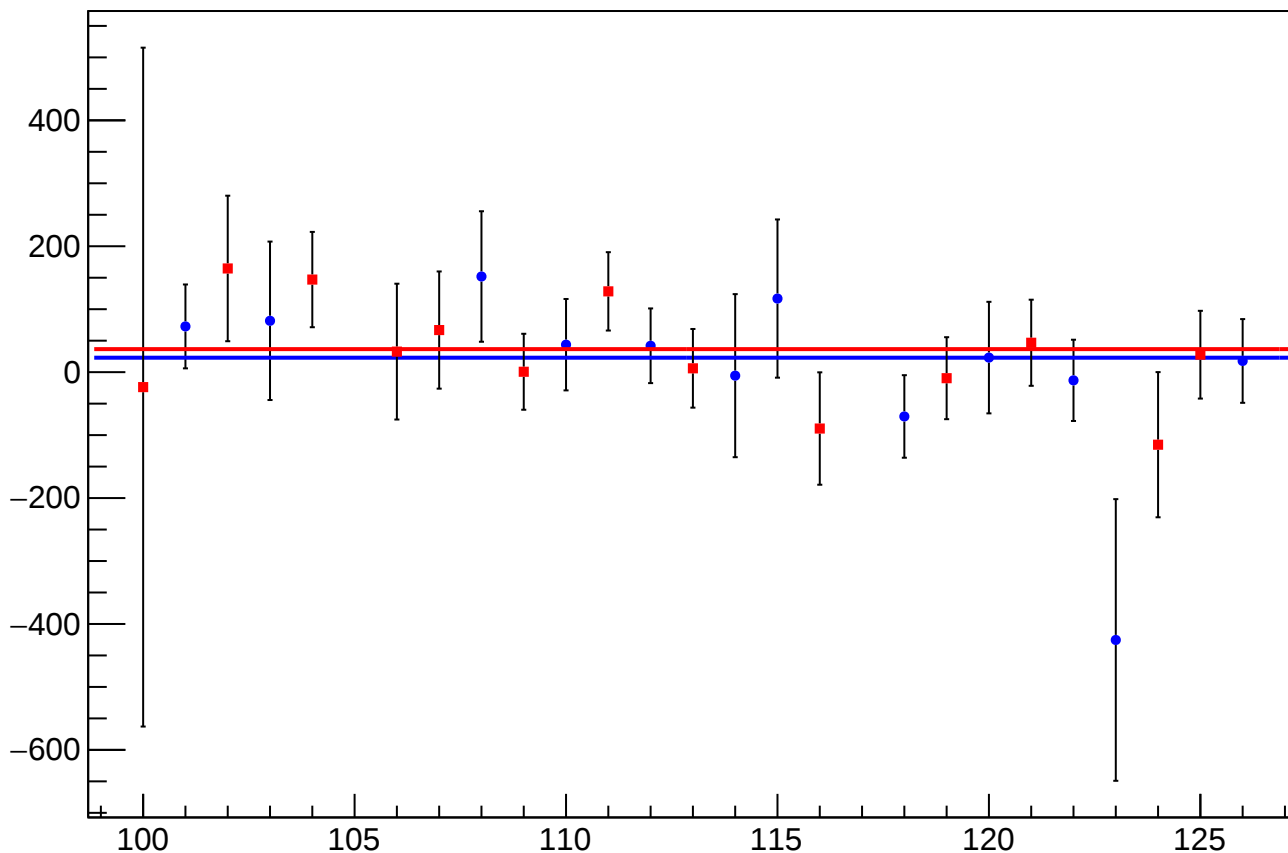
Right: 488.537 $\pm$ 0.118 χ^2 /NDF: 675441.5/24

In: 490.442 $\pm$ 0.173 χ^2 /NDF:290579.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 488.537 $\pm$ 0.118 χ^2 /NDF: 675441.5/24

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 22.962 $\pm$ 23.410 χ^2 /NDF: 9.5/11

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

Right Out: 36.596 $\pm$ 21.825 χ^2 /NDF: 10.5/12

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

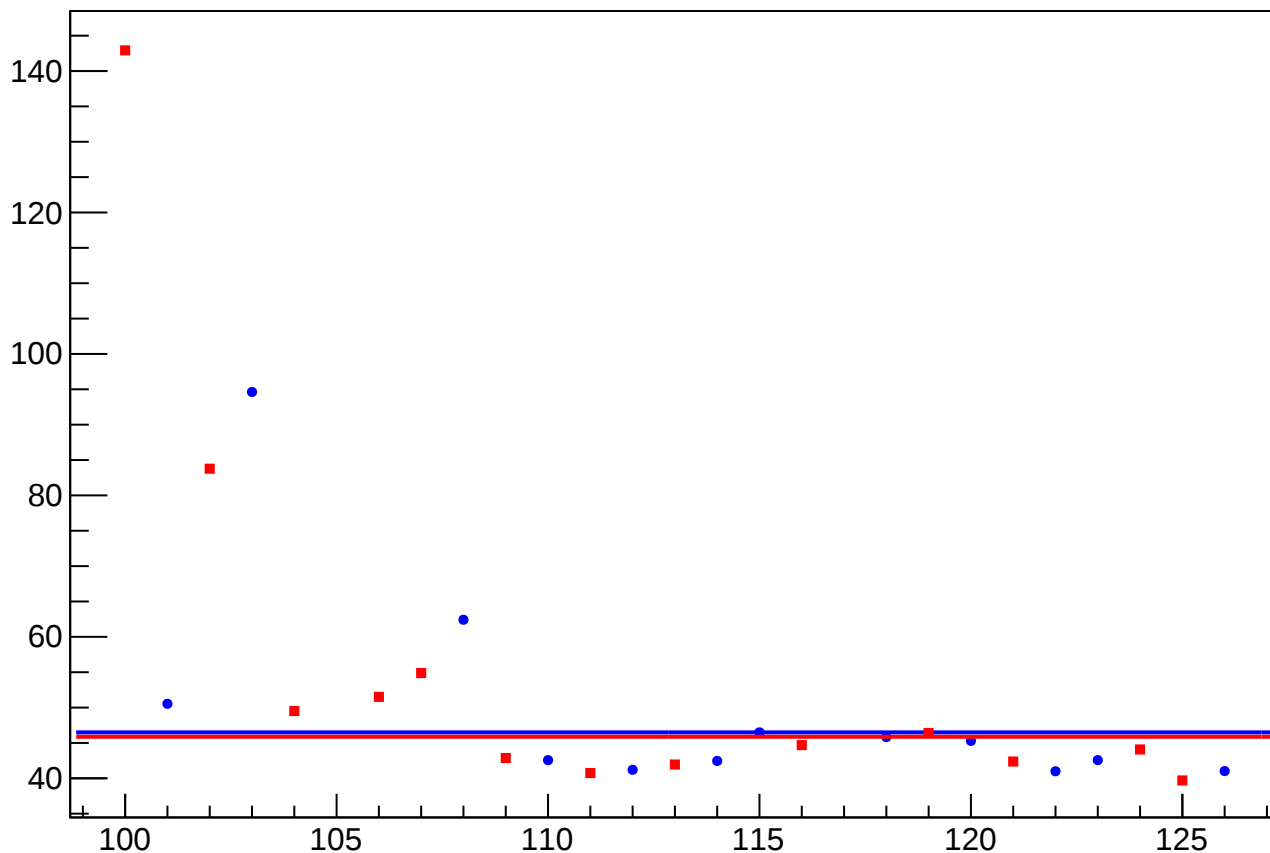
Right: 30.256 $\pm$ 15.963 χ^2 /NDF: 20.2/24

In: 22.962 $\pm$ 23.410 χ^2 /NDF: 9.5/11

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

All: 30.256 $\pm$ 15.963 χ^2 /NDF: 20.2/24

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 46.492+/-0.017 χ^2/NDF : 400153.6/11

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

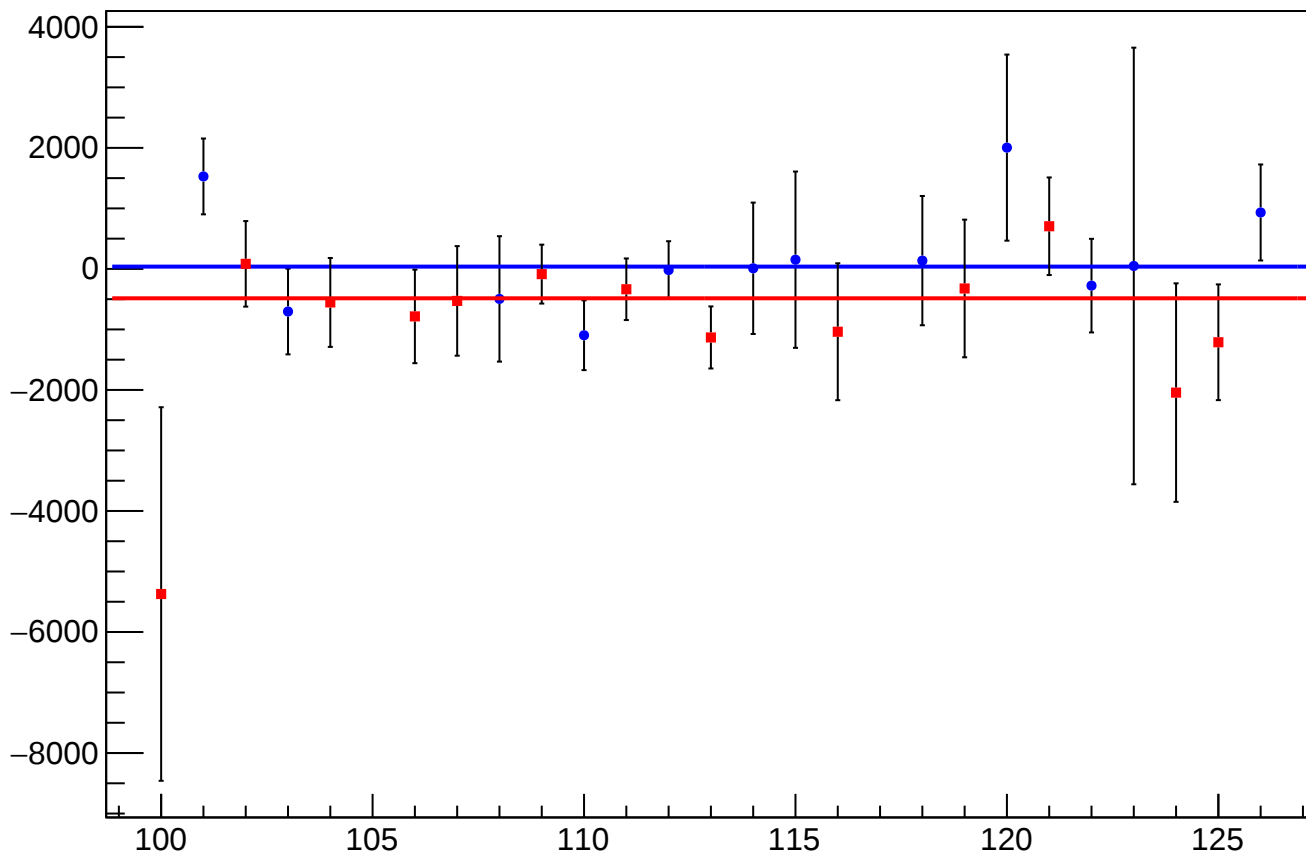
Right: 46.160+/-0.011 χ^2/NDF : 757923.9/24

In: 46.492+/-0.017 χ^2/NDF :400153.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 46.160+/-0.011 χ^2/NDF : 757923.9/24

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 38.011+/-230.373 χ^2/NDF : 14.0/11

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

Right Out: -485.546+/-207.494 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

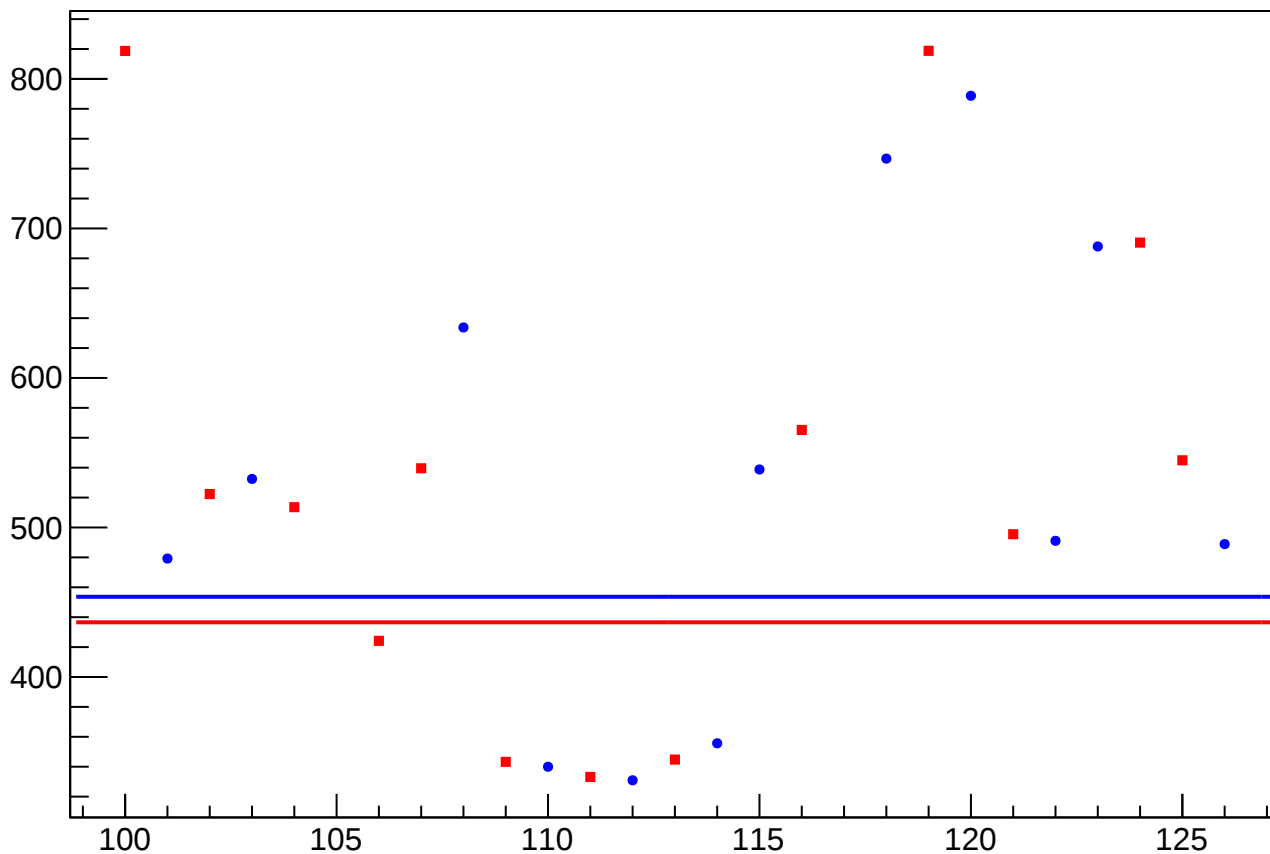
Right: -251.049+/-154.176 χ^2/NDF : 26.3/24

In: 38.011+/-230.373 χ^2/NDF : 14.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -251.049+/-154.176 χ^2/NDF : 26.3/24

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 453.667 $\pm$ 0.163 χ^2 /NDF: 584606.9/11

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

Right Out: 436.586 $\pm$ 0.147 χ^2 /NDF: 656361.0/12

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

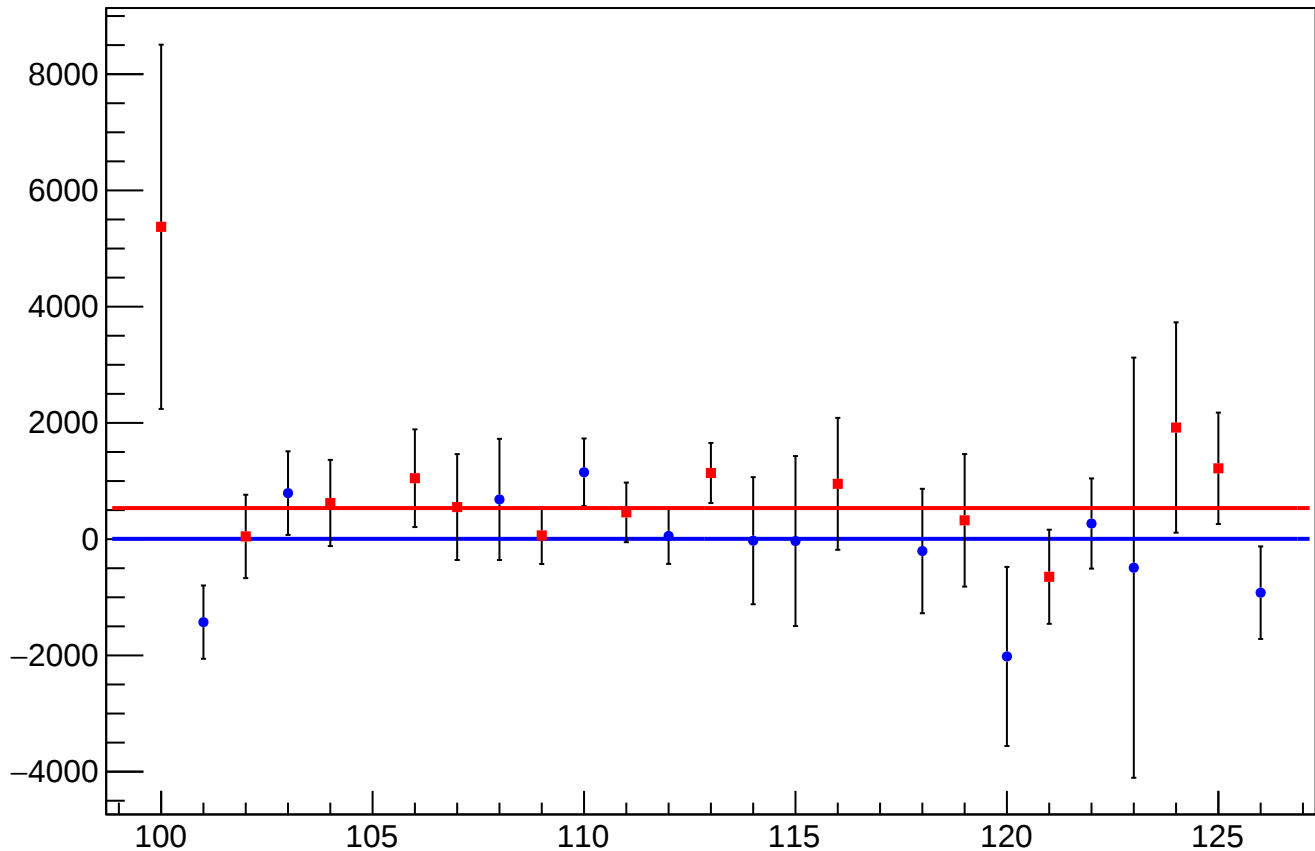
Right: 444.237 $\pm$ 0.109 χ^2 /NDF: 1247038.3/24

In: 453.667 $\pm$ 0.163 χ^2 /NDF:584606.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 444.237 $\pm$ 0.109 χ^2 /NDF: 1247038.3/24

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 5.641+/-232.019 χ^2/NDF : 13.9/11

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

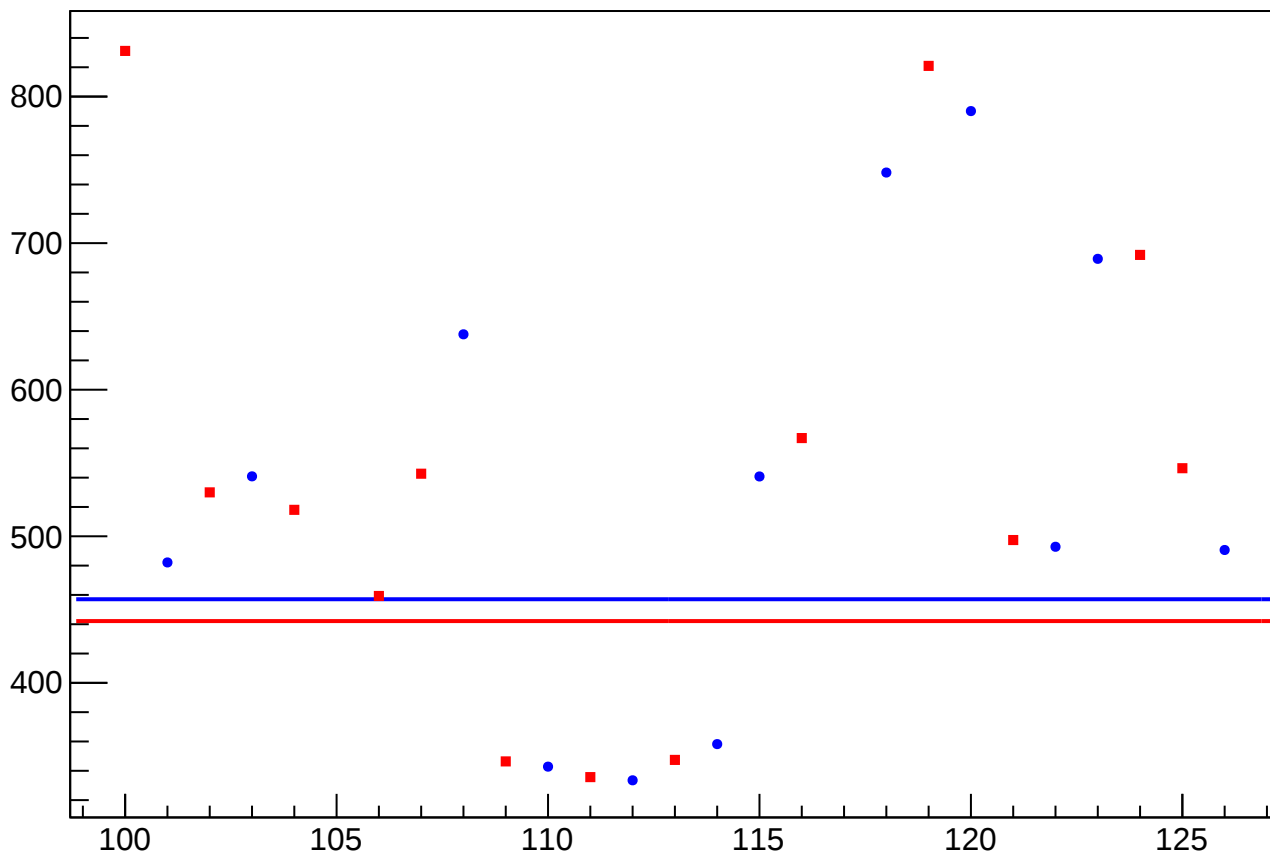
Right: 296.434+/-155.756 χ^2/NDF : 25.7/24

In: 5.641+/-232.019 χ^2/NDF : 13.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 296.434+/-155.756 χ^2/NDF : 25.7/24

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 457.045+/-0.164 χ^2/NDF : 580334.2/11

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

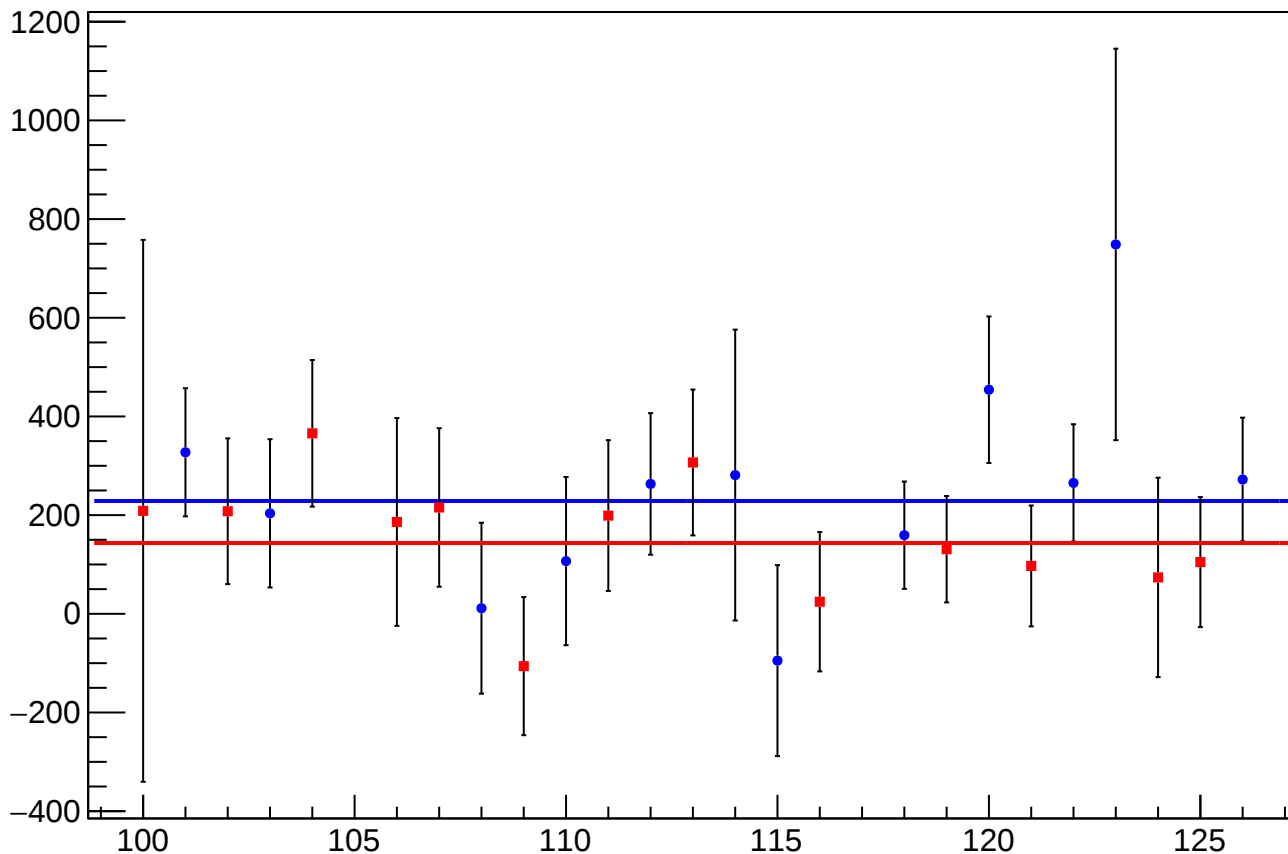
Right: 448.861+/-0.110 χ^2/NDF : 1237246.1/24

In: 457.045+/-0.164 χ^2/NDF : 580334.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 448.861+/-0.110 χ^2/NDF : 1237246.1/24

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 228.662 $\pm$ 43.486 χ^2 /NDF: 10.2/11

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

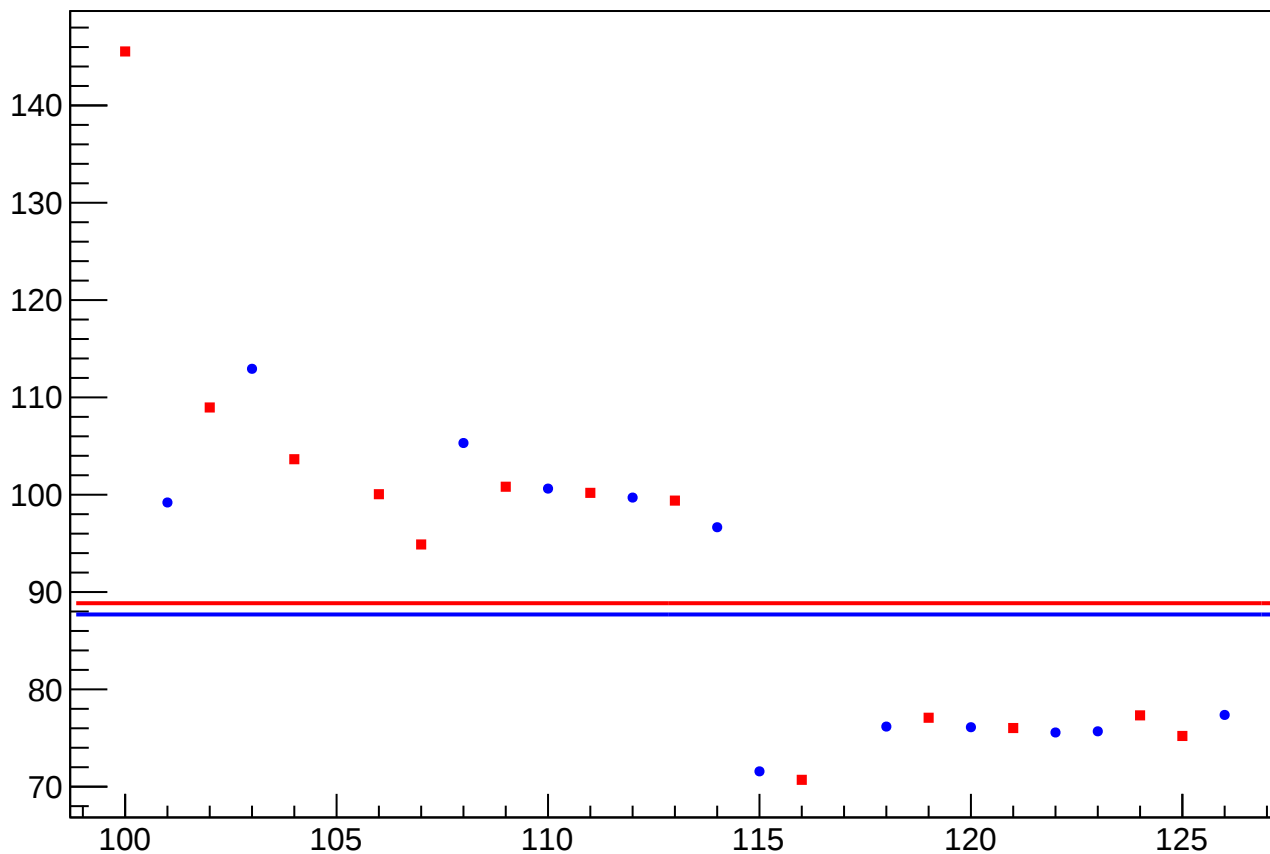
Right: 184.130 $\pm$ 30.028 χ^2 /NDF: 20.5/24

In: 228.662 $\pm$ 43.486 χ^2 /NDF:10.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 184.130 $\pm$ 30.028 χ^2 /NDF: 20.5/24

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 87.695+/-0.031 χ^2/NDF : 204950.8/11

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

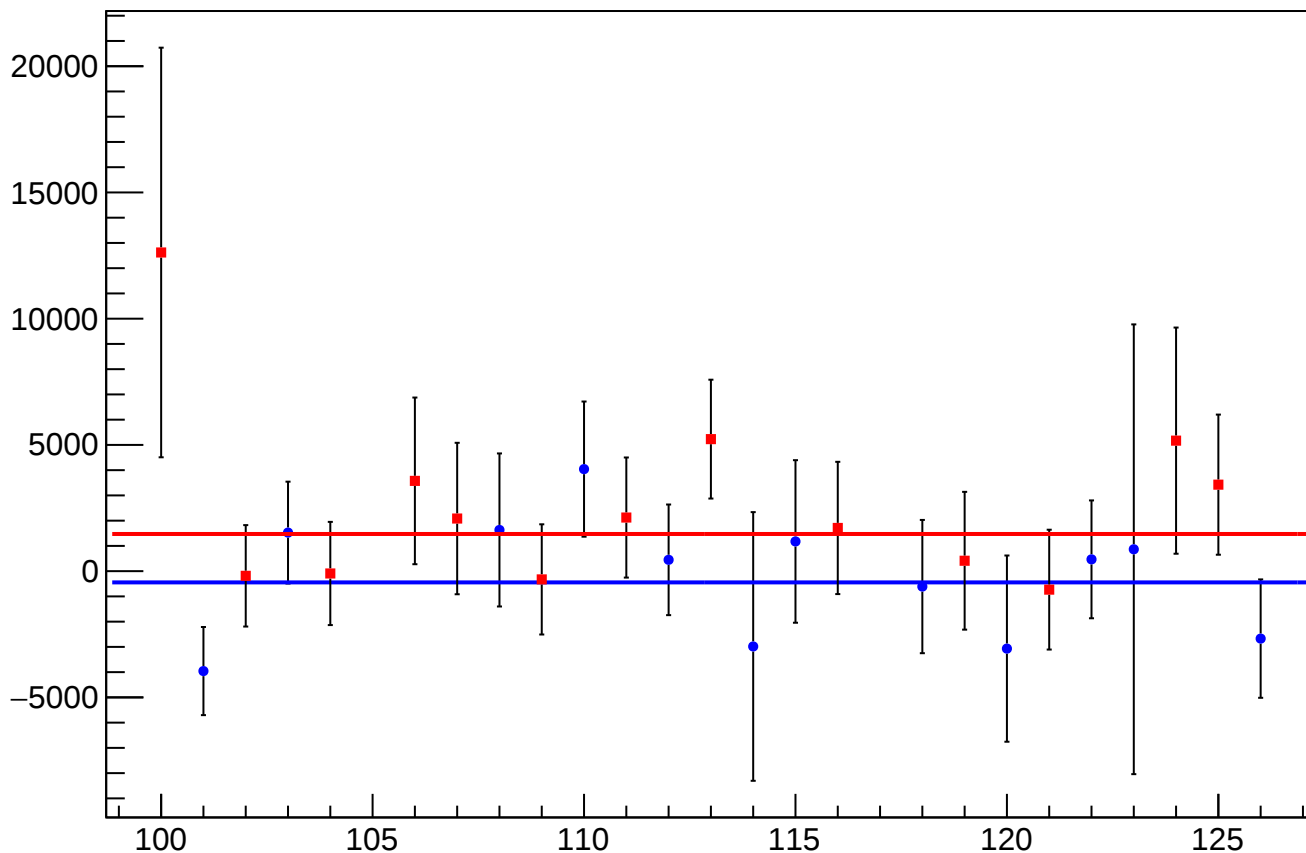
Right: 88.300+/-0.021 χ^2/NDF : 434927.2/24

In: 87.695+/-0.031 χ^2/NDF : 204950.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.300+/-0.021 χ^2/NDF : 434927.2/24

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -445.443+/-754.283 χ^2/NDF : 10.5/11

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

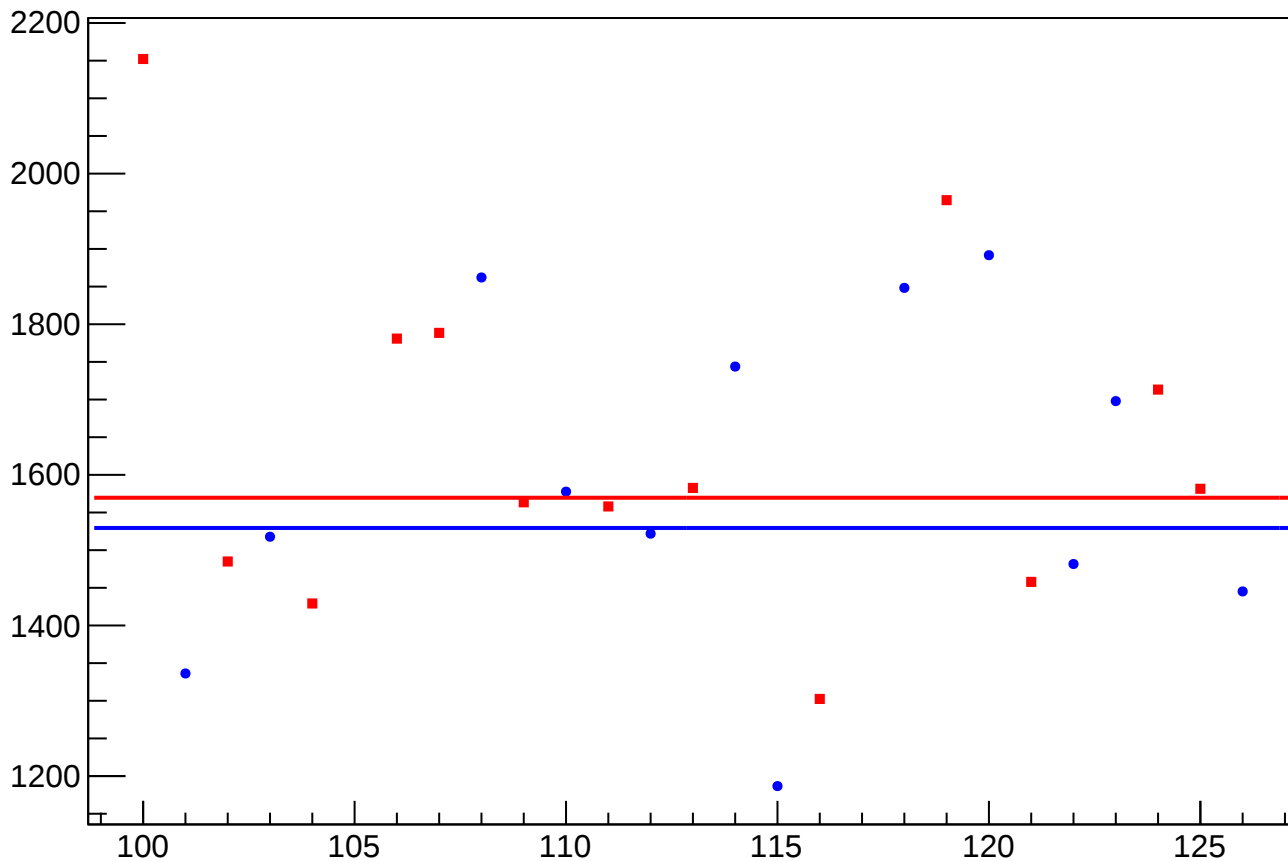
Right: 553.181+/-522.172 χ^2/NDF : 23.0/24

In: -445.443+/-754.283 χ^2/NDF : 10.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 553.181+/-522.172 χ^2/NDF : 23.0/24

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1529.472+/-0.533 χ^2/NDF : 127862.5/11

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

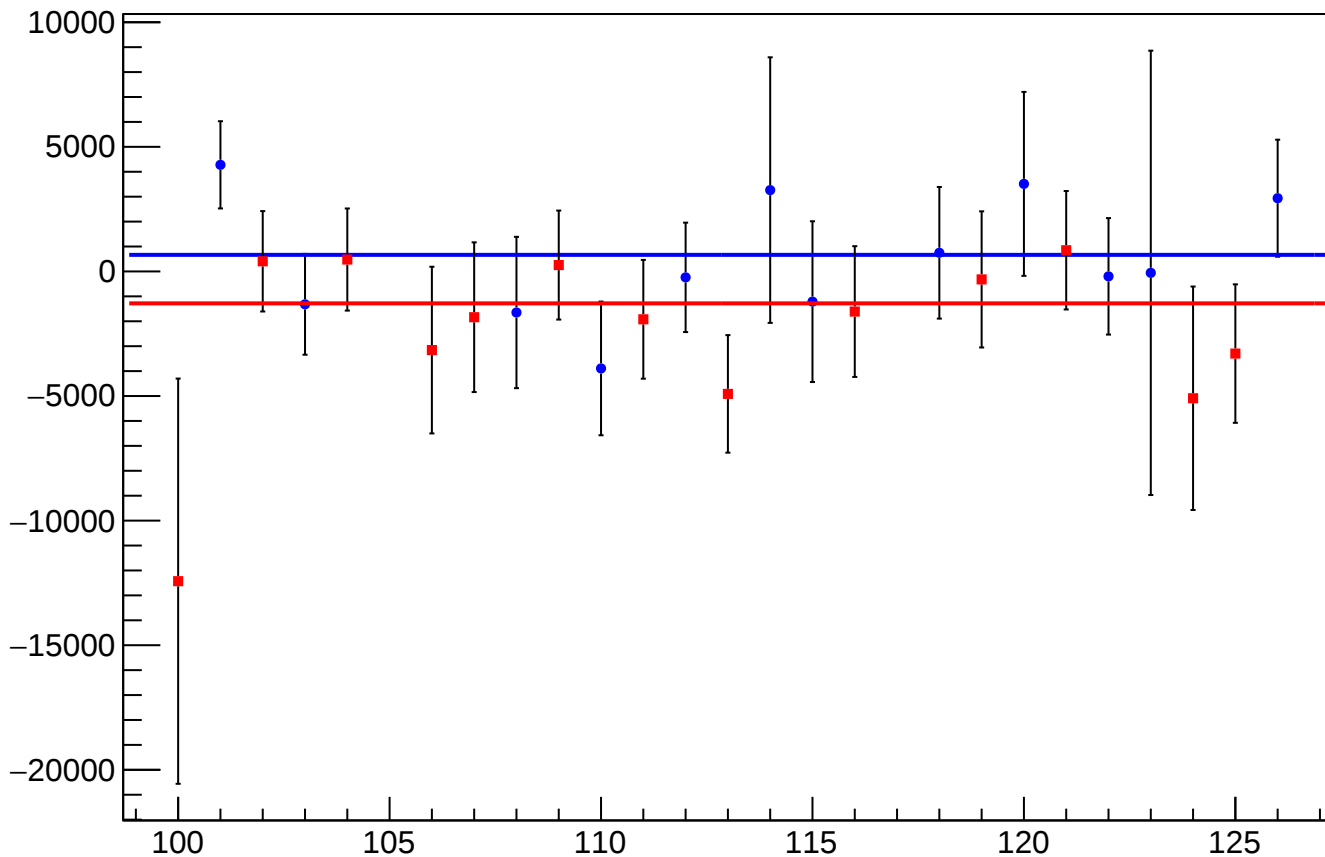
Right: 1550.379+/-0.369 χ^2/NDF : 242359.6/24

In: 1529.472+/-0.533 χ^2/NDF : 127862.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1550.379+/-0.369 χ^2/NDF : 242359.6/24

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 665.269+/-755.781 χ^2/NDF : 11.1/11

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

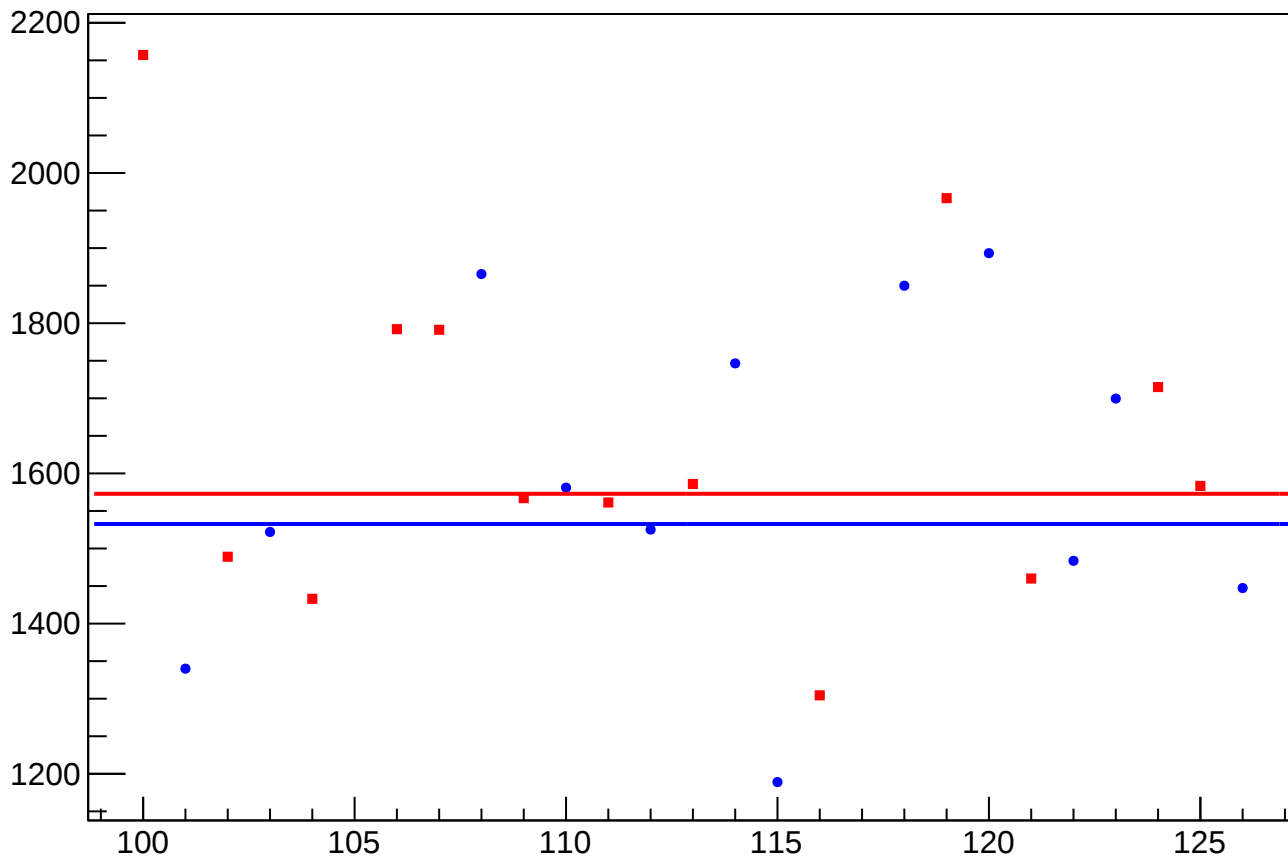
Right: -347.800+/-523.341 χ^2/NDF : 23.4/24

In: 665.269+/-755.781 χ^2/NDF : 11.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -347.800+/-523.341 χ^2/NDF : 23.4/24

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1532.594+/-0.534 χ^2/NDF : 127071.3/11

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

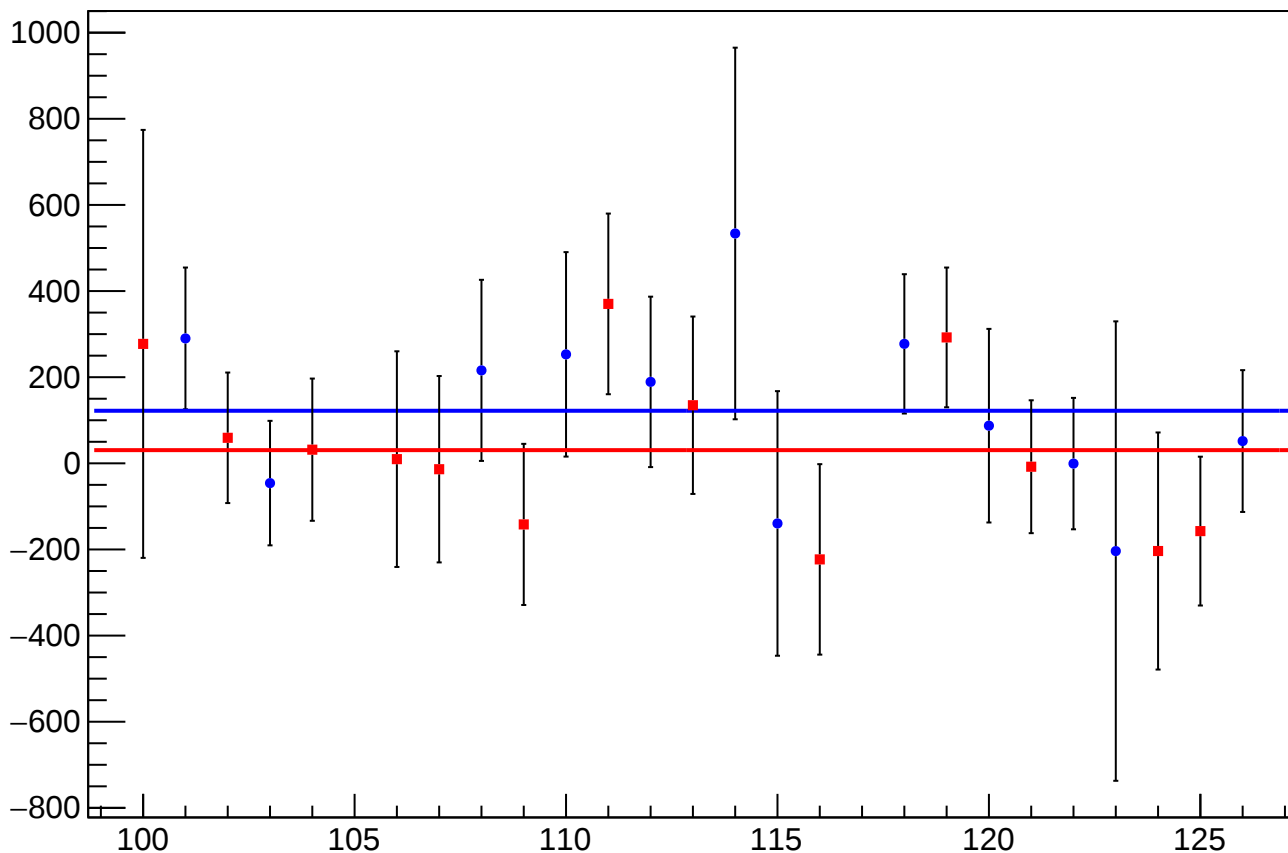
Right: 1553.554+/-0.370 χ^2/NDF : 241444.5/24

In: 1532.594+/-0.534 χ^2/NDF : 127071.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1553.554+/-0.370 χ^2/NDF : 241444.5/24

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 122.056 $\pm$ 56.977 χ^2 /NDF: 6.8/11

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

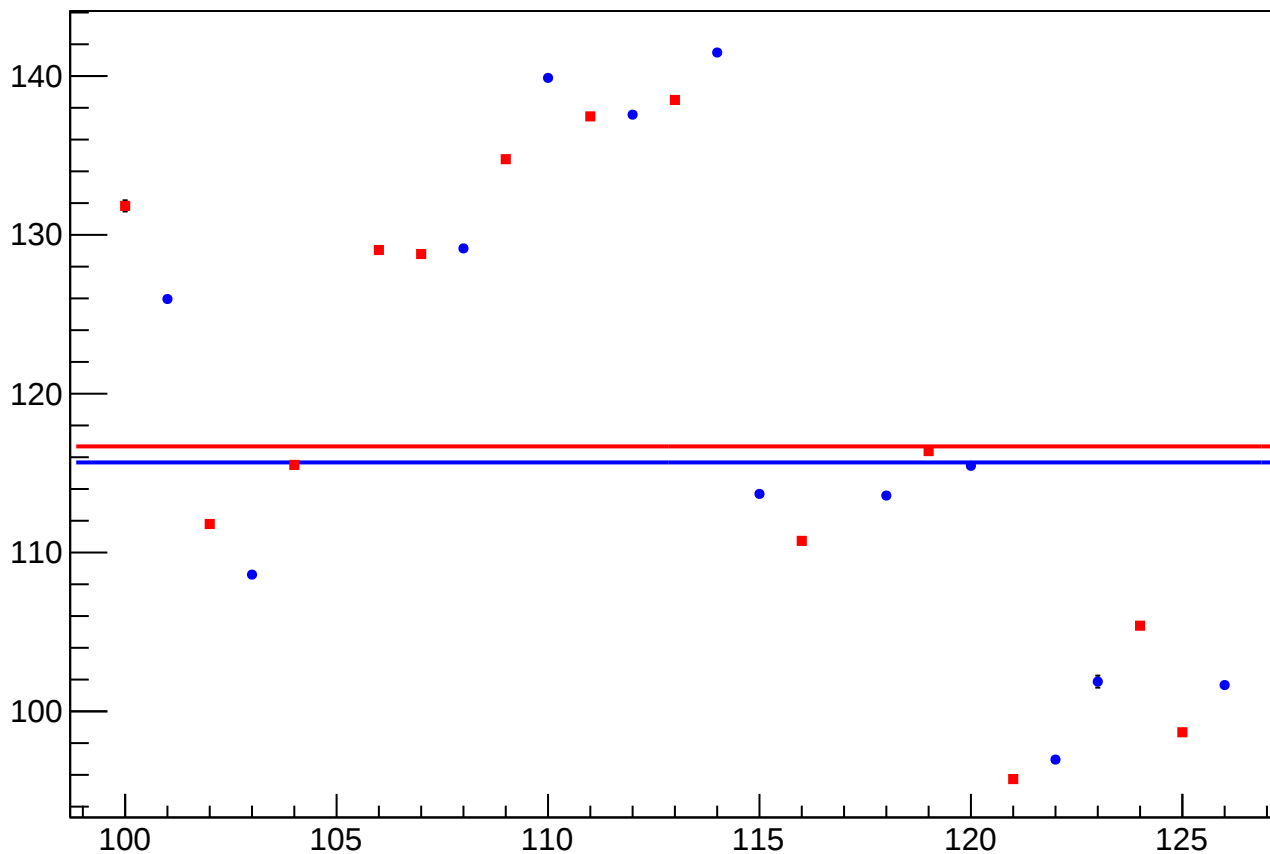
Right: 73.844 $\pm$ 39.174 χ^2 /NDF: 18.1/24

In: 122.056 $\pm$ 56.977 χ^2 /NDF:6.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 73.844 $\pm$ 39.174 χ^2 /NDF: 18.1/24

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.672+/-0.040 χ^2/NDF : 119586.5/11

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

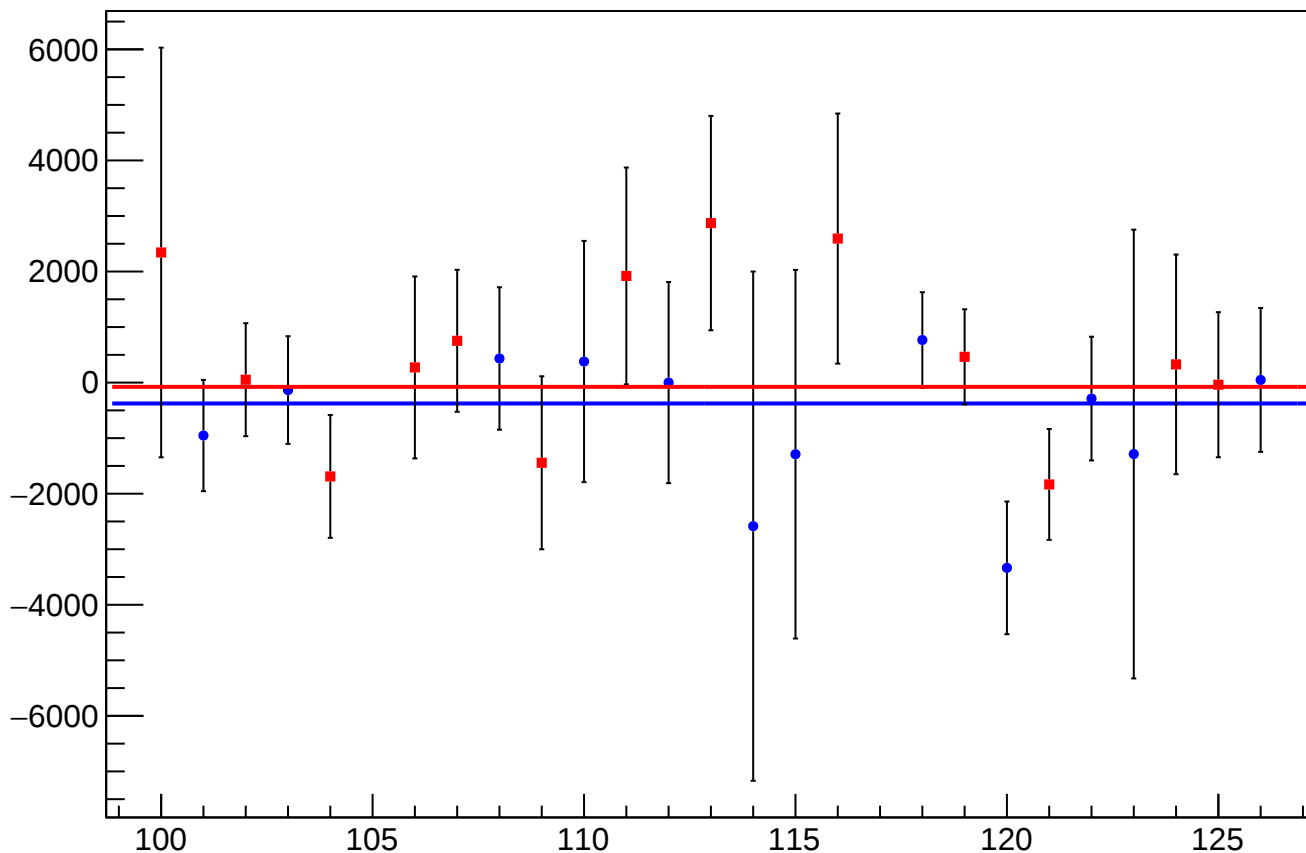
Right: 116.205+/-0.028 χ^2/NDF : 259229.5/24

In: 115.672+/-0.040 χ^2/NDF : 119586.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.205+/-0.028 χ^2/NDF : 259229.5/24

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -375.767+/-382.375 χ^2/NDF : 9.3/11

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

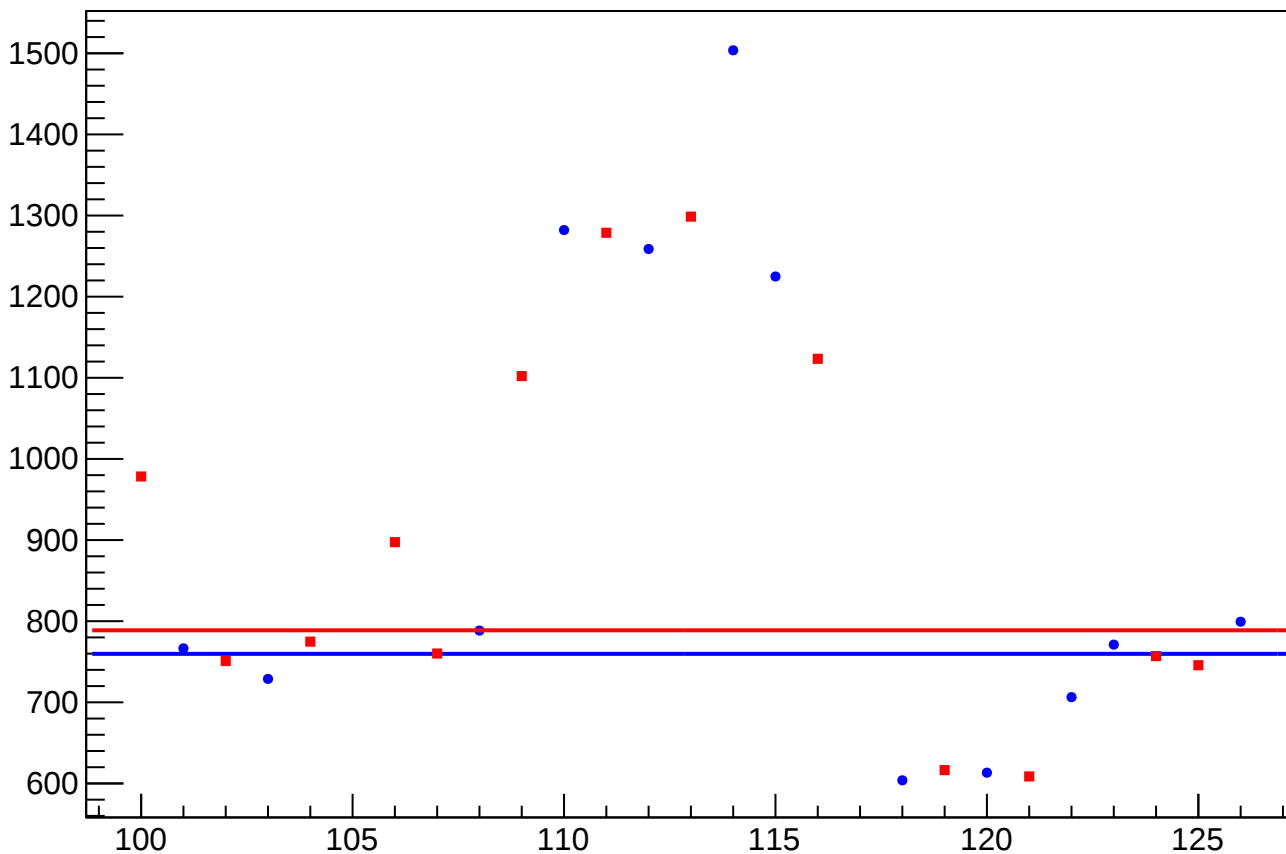
Right: -222.325+/-266.911 χ^2/NDF : 21.8/24

In: -375.767+/-382.375 χ^2/NDF :9.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -222.325+/-266.911 χ^2/NDF : 21.8/24

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 759.746+/-0.270 χ^2/NDF : 464866.7/11

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

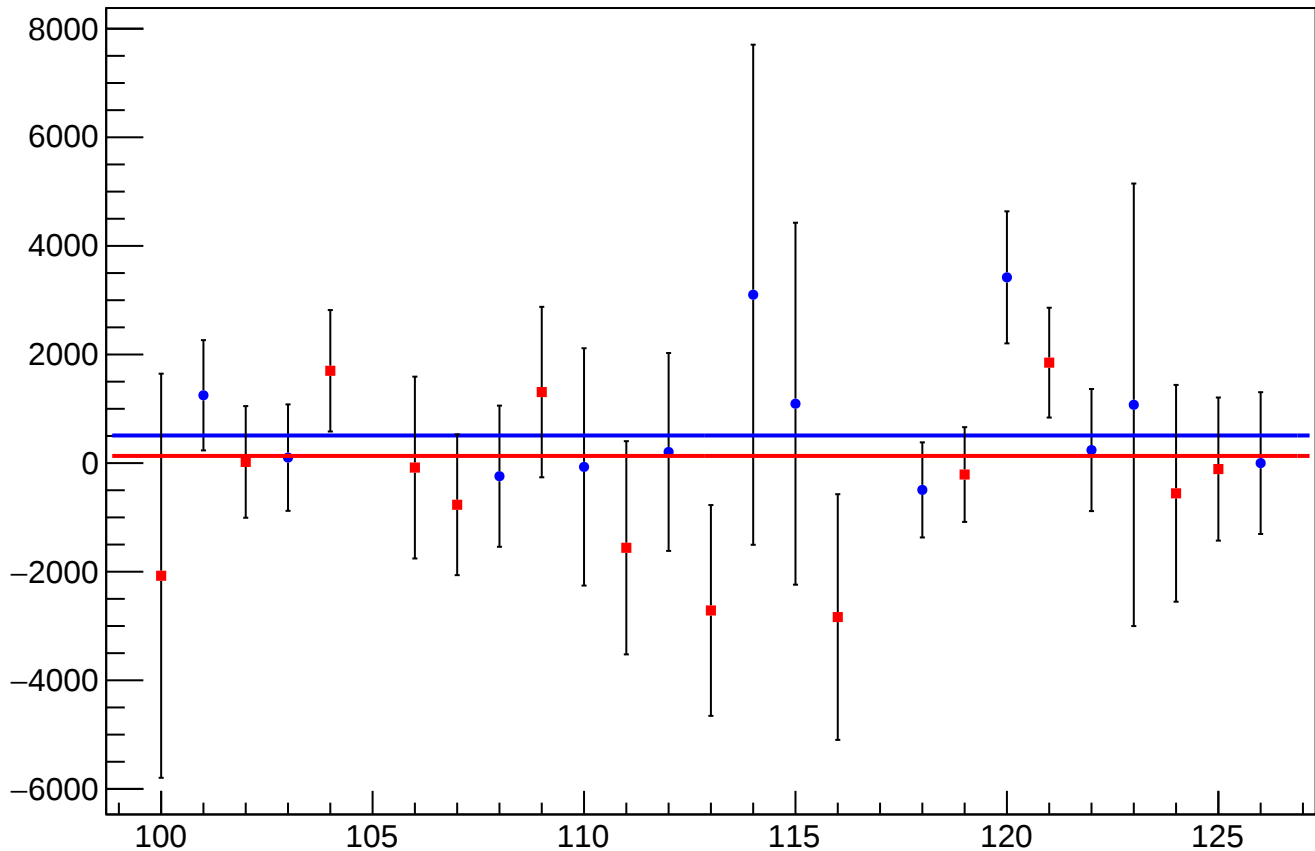
Right: 774.627+/-0.189 χ^2/NDF : 1028864.4/24

In: 759.746+/-0.270 χ^2/NDF :464866.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 774.627+/-0.189 χ^2/NDF : 1028864.4/24

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 508.637 $\pm$ 387.224 χ^2 /NDF: 8.8/11

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

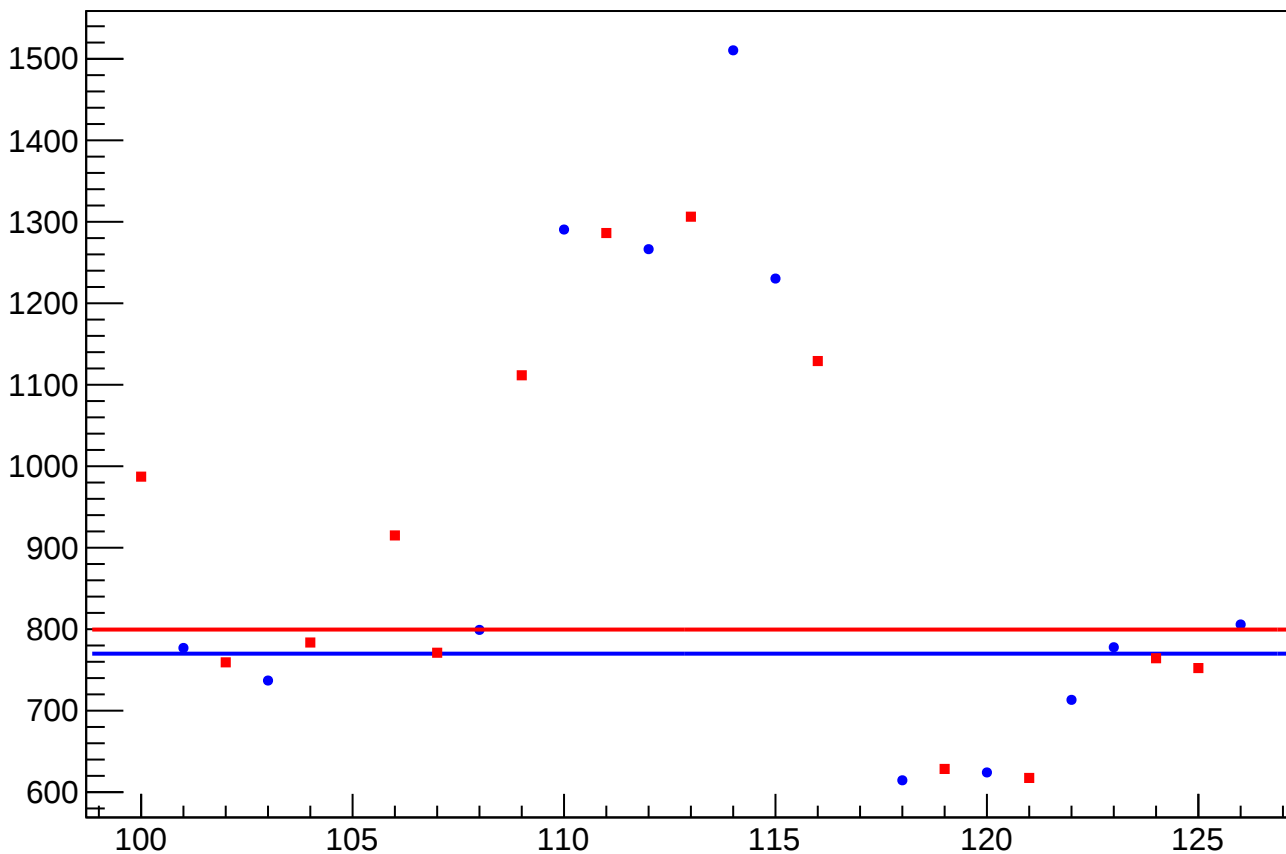
Right: 315.645 $\pm$ 270.332 χ^2 /NDF: 20.4/24

In: 508.637 $\pm$ 387.224 χ^2 /NDF:8.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 315.645 $\pm$ 270.332 χ^2 /NDF: 20.4/24

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 769.970+/-0.274 χ^2/NDF : 453547.8/11

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

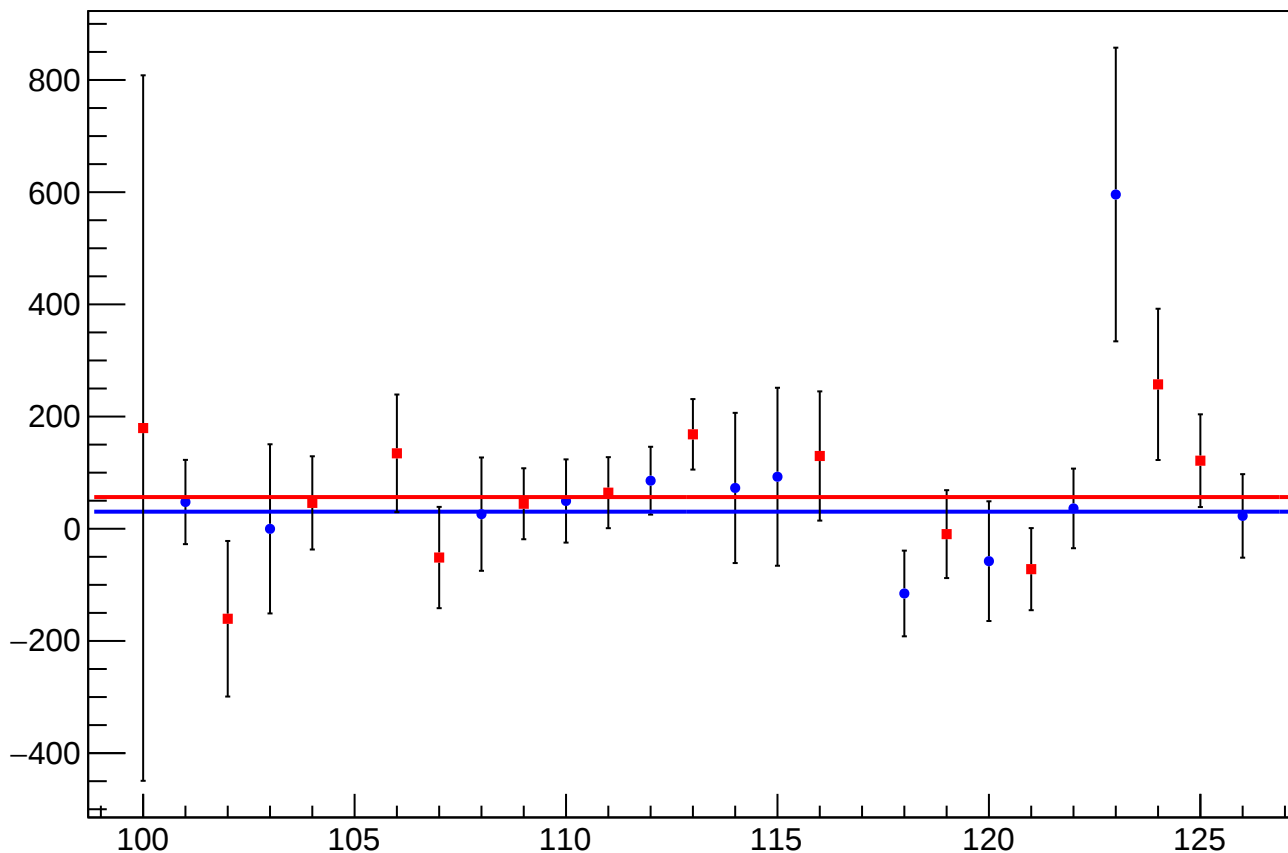
Right: 785.136+/-0.191 χ^2/NDF : 1004230.1/24

In: 769.970+/-0.274 χ^2/NDF :453547.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 785.136+/-0.191 χ^2/NDF : 1004230.1/24

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 30.446+/-25.624 χ^2/NDF : 10.3/11

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

Right Out: 56.488+/-23.623 χ^2/NDF : 14.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

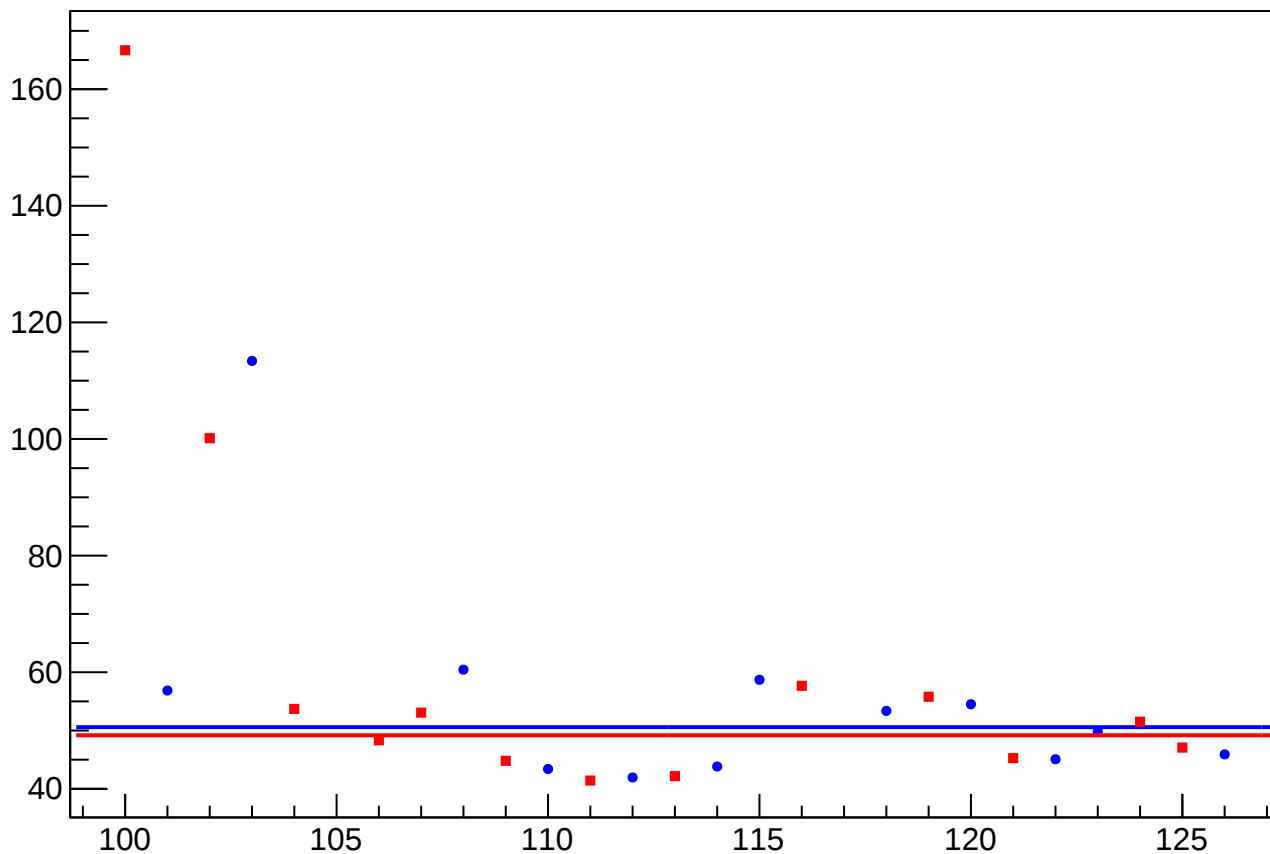
Right: 44.524+/-17.368 χ^2/NDF : 25.6/24

In: 30.446+/-25.624 χ^2/NDF : 10.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.524+/-17.368 χ^2/NDF : 25.6/24

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 50.578+/-0.018 χ^2/NDF : 475176.1/11

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

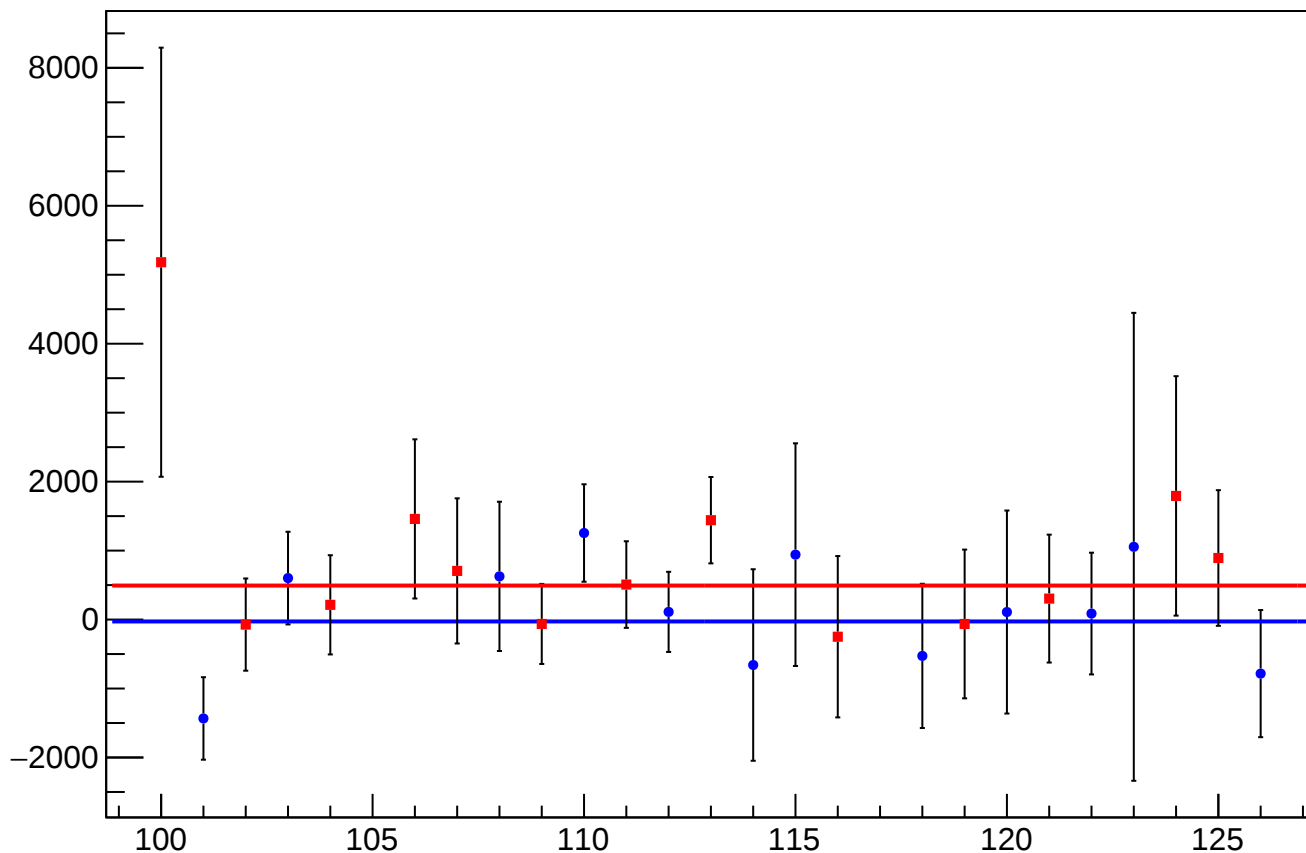
Right: 49.824+/-0.012 χ^2/NDF : 925097.5/24

In: 50.578+/-0.018 χ^2/NDF : 475176.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.824+/-0.012 χ^2/NDF : 925097.5/24

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -27.293+/-252.733 χ^2/NDF : 11.7/11

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

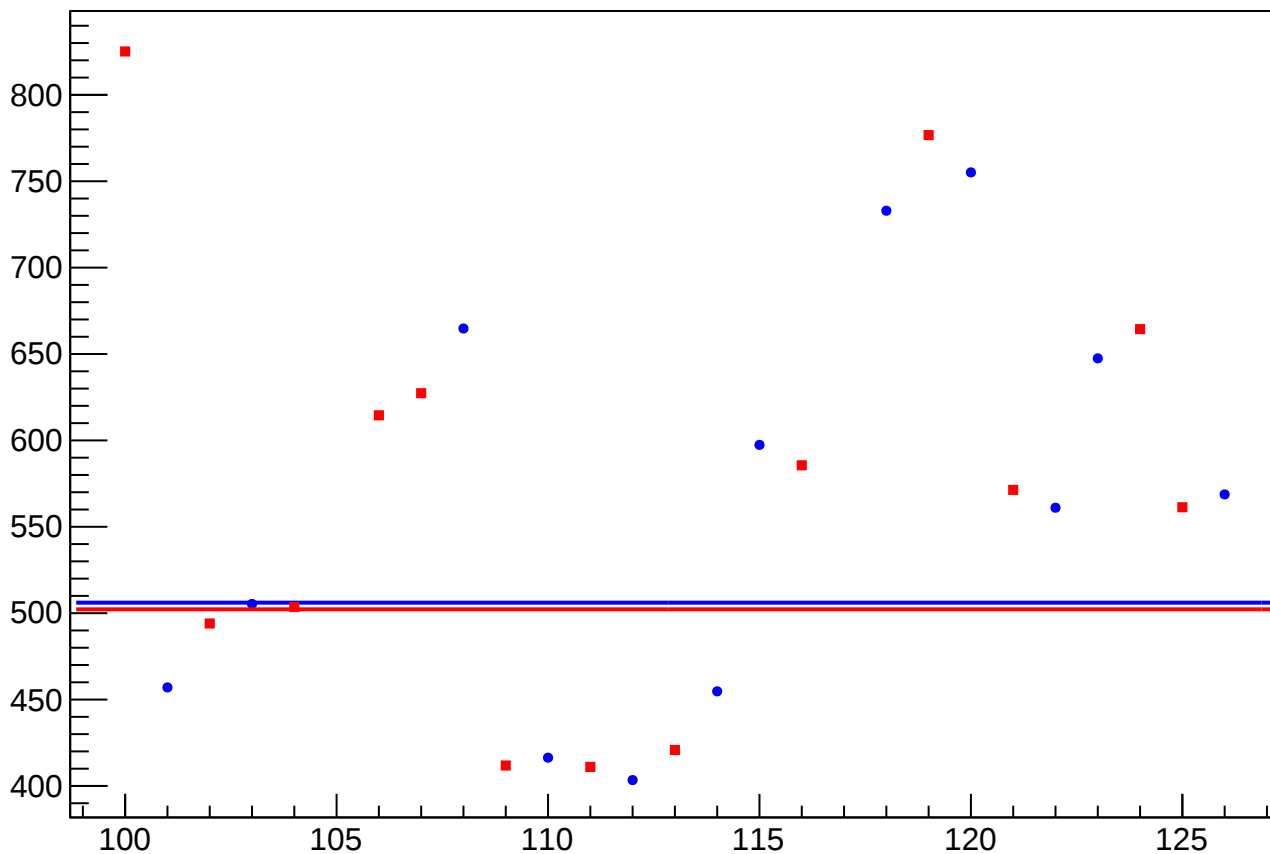
Right: 251.793+/-172.110 χ^2/NDF : 22.5/24

In: -27.293+/-252.733 χ^2/NDF : 11.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 251.793+/-172.110 χ^2/NDF : 22.5/24

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 506.097+/-0.179 χ^2/NDF : 332123.9/11

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

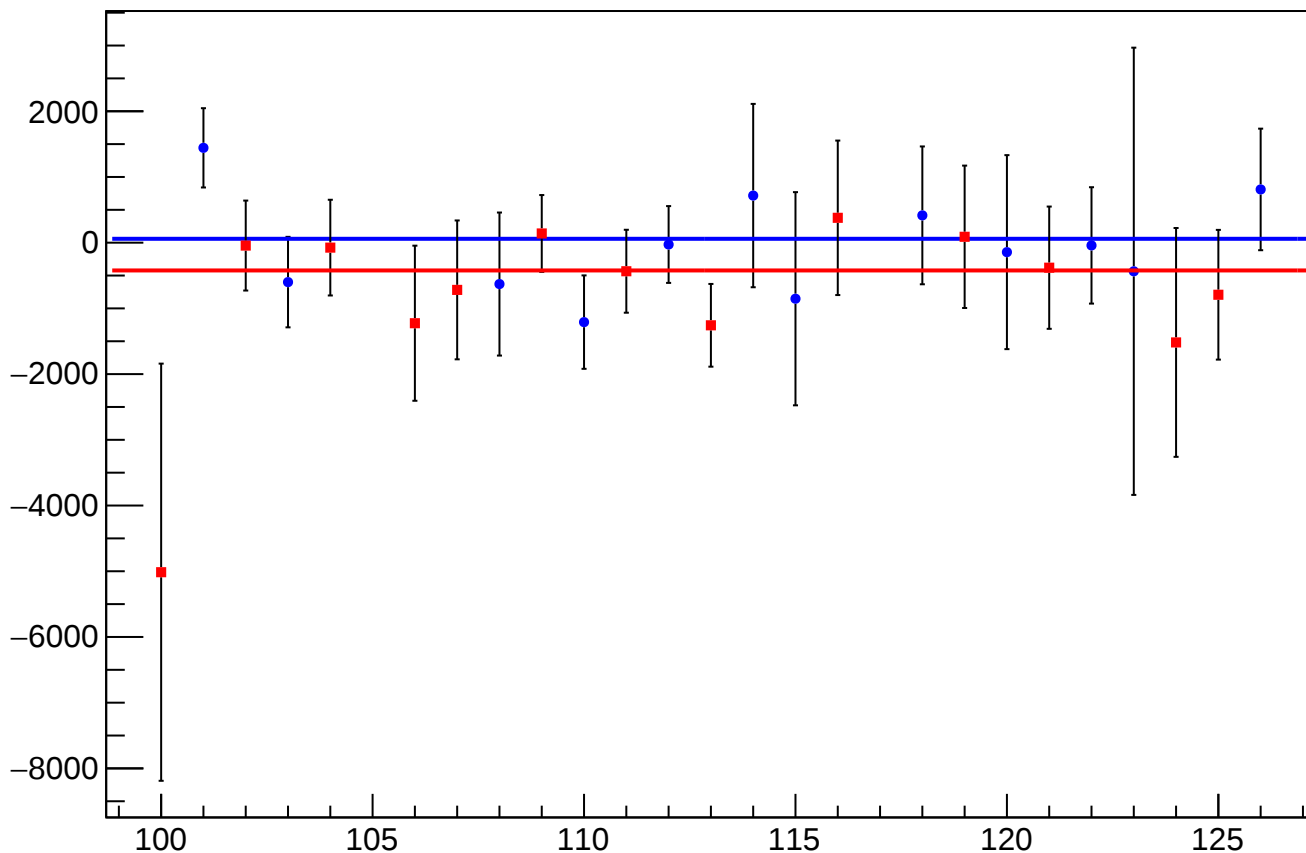
Right: 504.019+/-0.122 χ^2/NDF : 701491.7/24

In: 506.097+/-0.179 χ^2/NDF :332123.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 504.019+/-0.122 χ^2/NDF : 701491.7/24

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 59.066+/-254.808 χ^2/NDF : 11.2/11

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

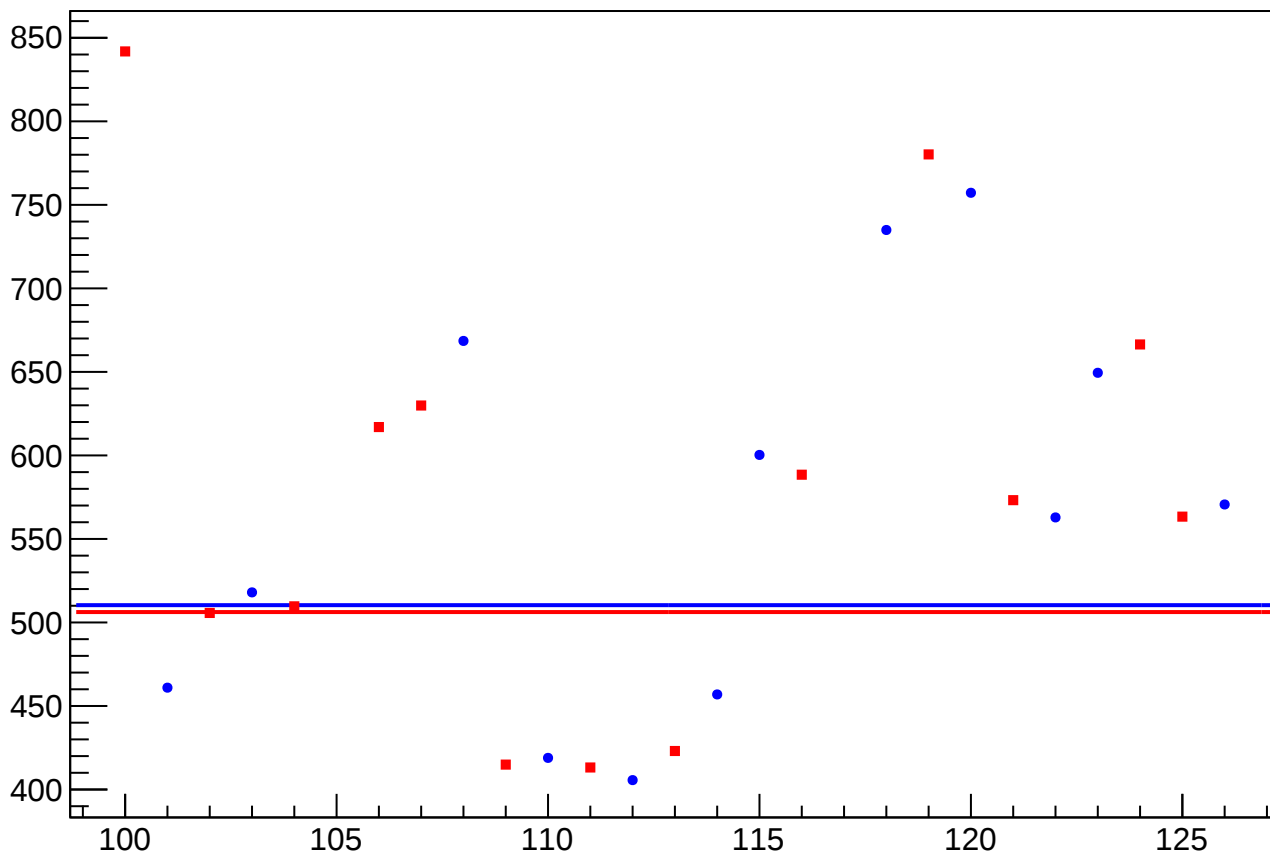
Right: -199.006+/-173.596 χ^2/NDF : 20.1/24

In: 59.066+/-254.808 χ^2/NDF : 11.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -199.006+/-173.596 χ^2/NDF : 20.1/24

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 510.357+/-0.180 χ^2/NDF : 328871.0/11

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

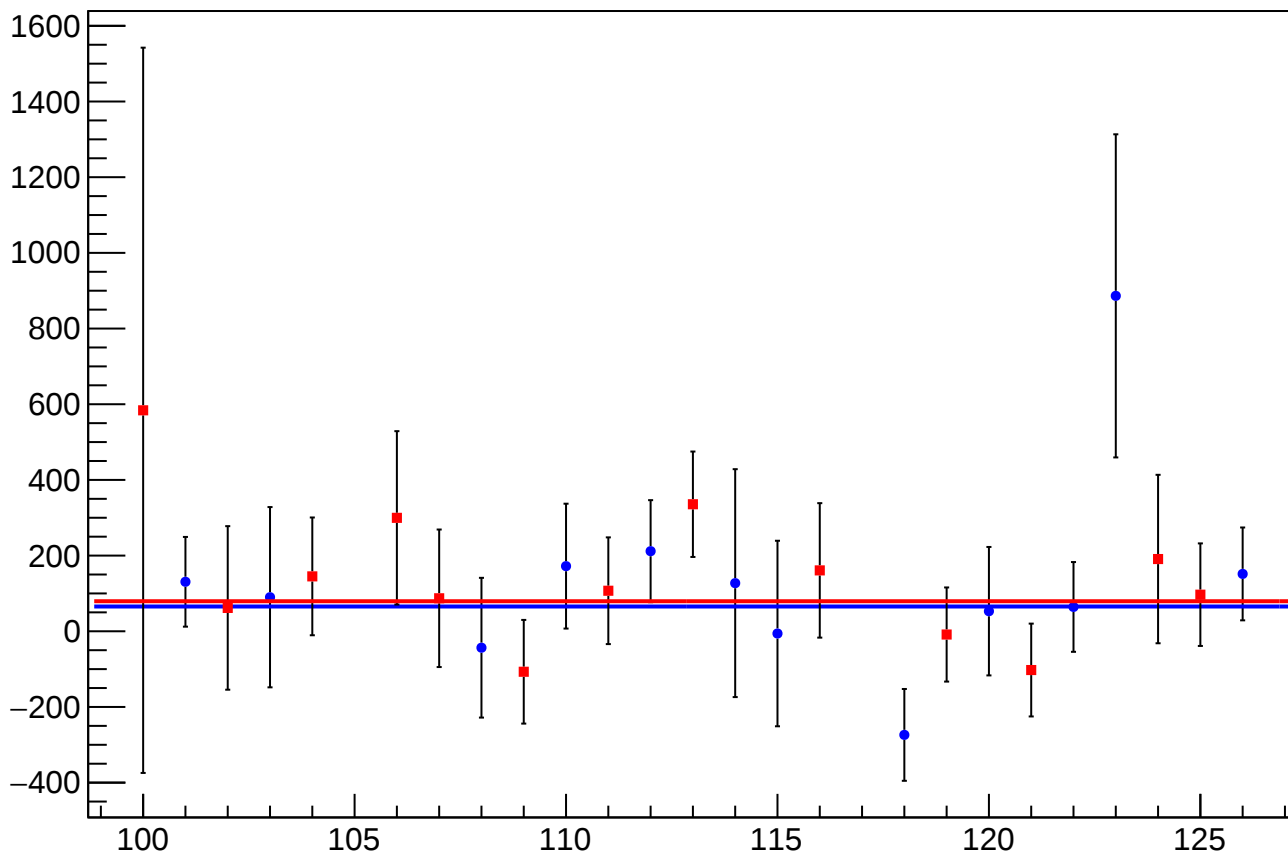
Right: 508.144+/-0.123 χ^2/NDF : 695471.7/24

In: 510.357+/-0.180 χ^2/NDF : 328871.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 508.144+/-0.123 χ^2/NDF : 695471.7/24

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 65.468+/-45.494 χ^2/NDF : 14.4/11

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

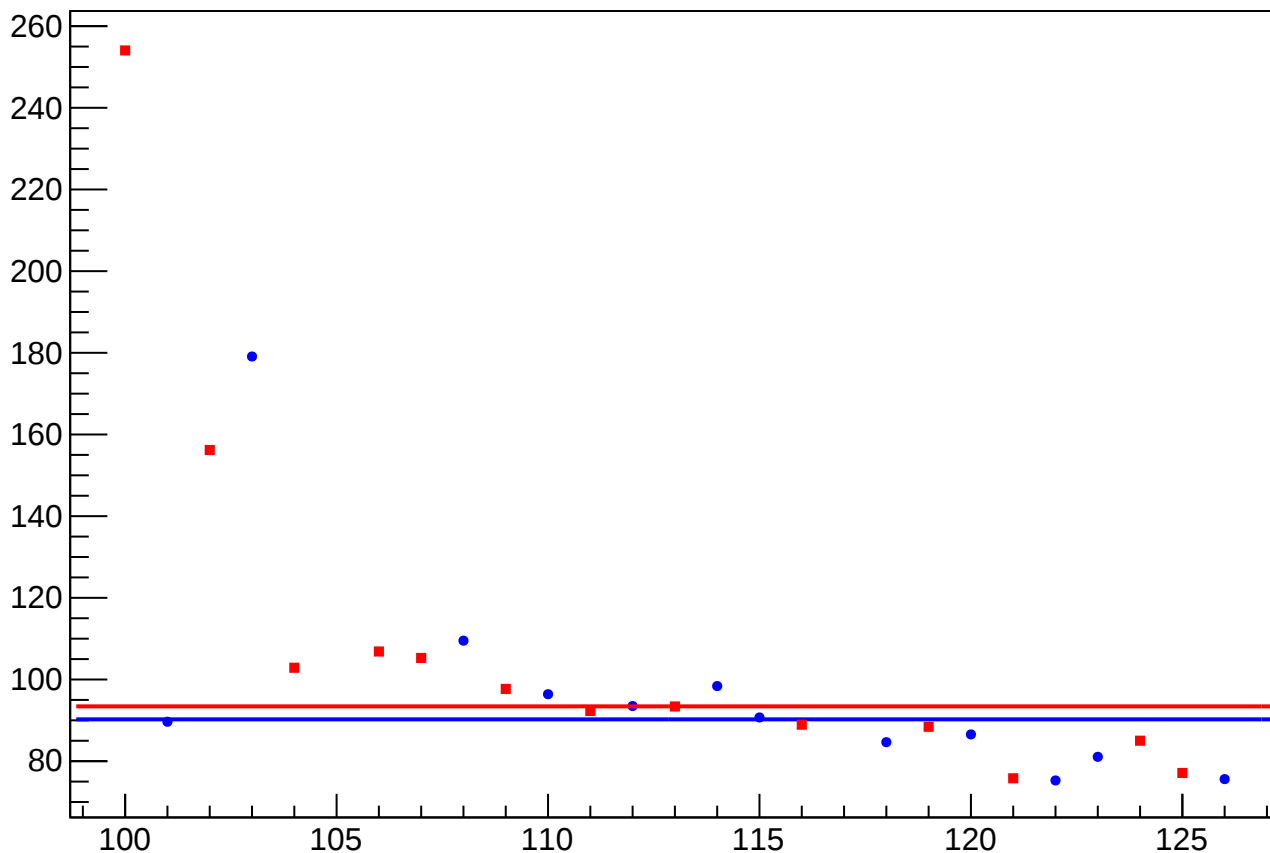
Right: 72.588+/-31.801 χ^2/NDF : 24.3/24

In: 65.468+/-45.494 χ^2/NDF : 14.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.588+/-31.801 χ^2/NDF : 24.3/24

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 90.239+/-0.032 χ^2/NDF : 371995.2/11

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

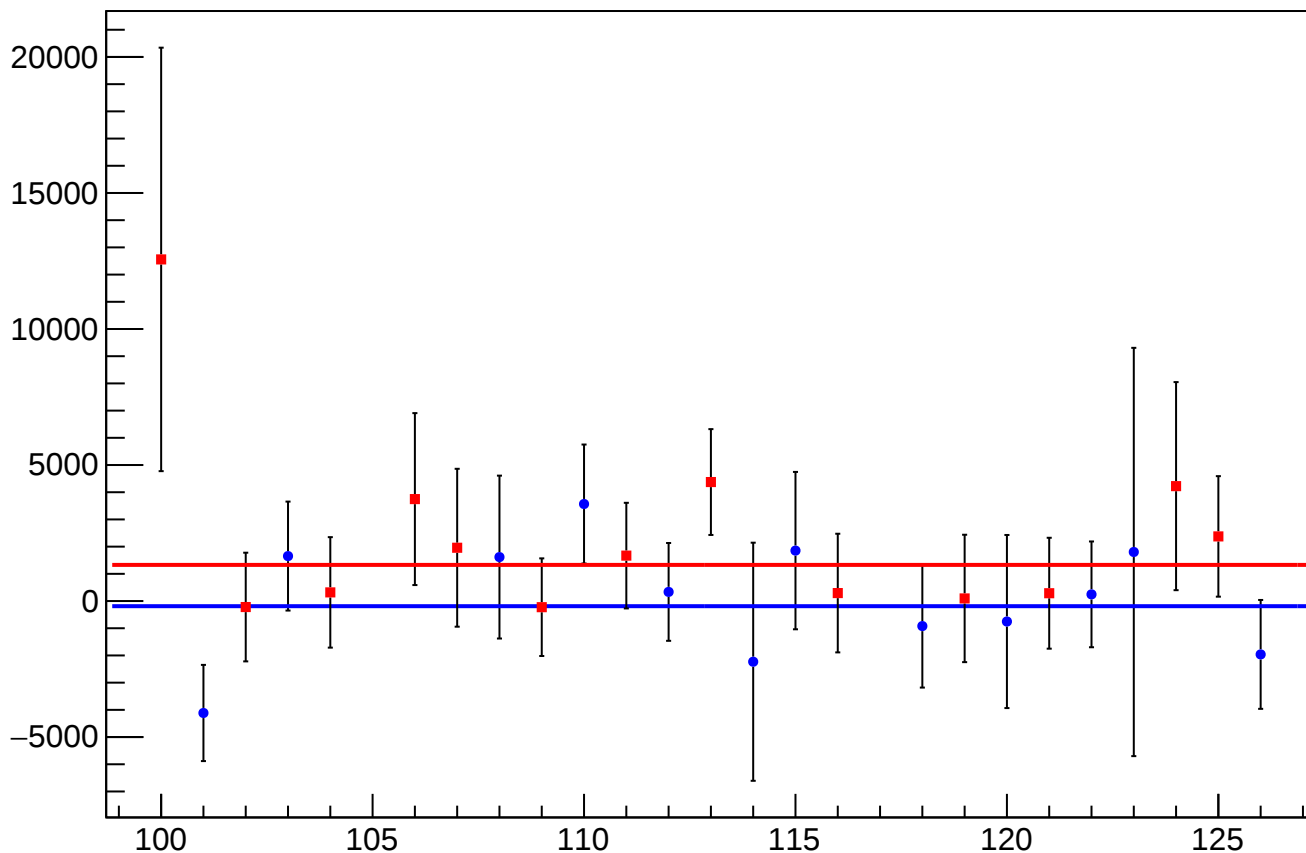
Right: 91.868+/-0.022 χ^2/NDF : 704352.8/24

In: 90.239+/-0.032 χ^2/NDF : 371995.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.868+/-0.022 χ^2/NDF : 704352.8/24

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -189.151+/-674.593 χ^2/NDF : 10.9/11

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

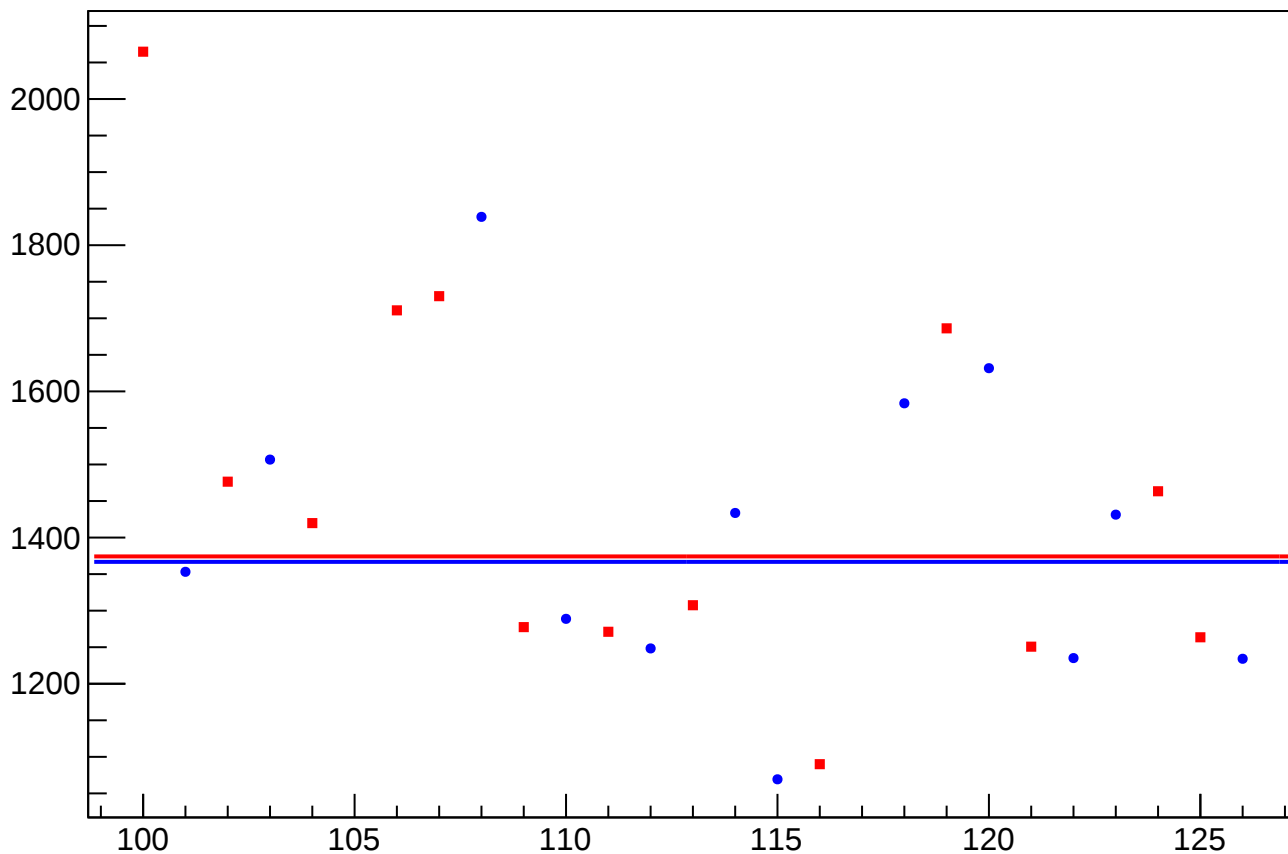
Right: 614.702+/-462.663 χ^2/NDF : 22.0/24

In: -189.151+/-674.593 χ^2/NDF : 10.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 614.702+/-462.663 χ^2/NDF : 22.0/24

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1366.774+/-0.477 χ^2/NDF : 142814.8/11

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

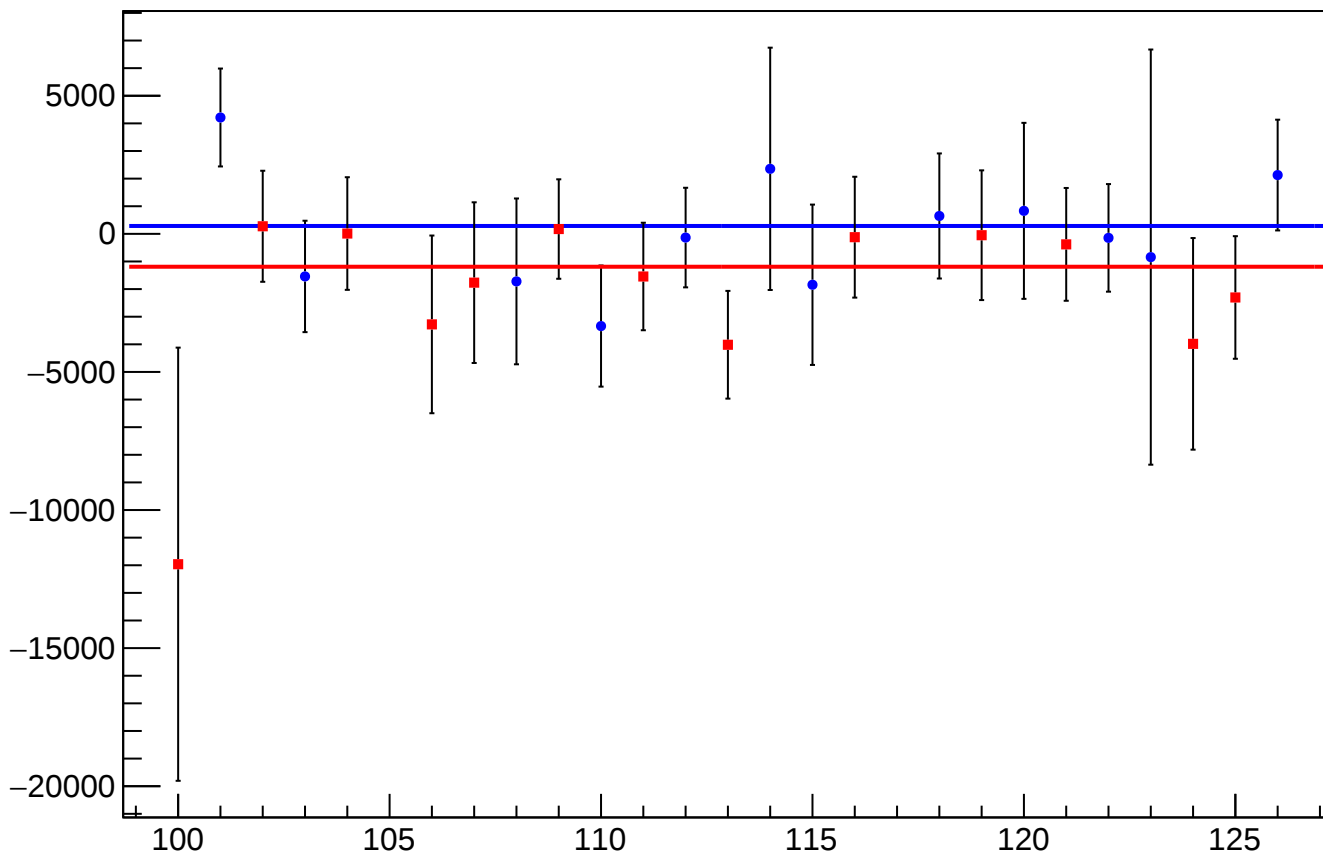
Right: 1370.712+/-0.327 χ^2/NDF : 314457.7/24

In: 1366.774+/-0.477 χ^2/NDF : 142814.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1370.712+/-0.327 χ^2/NDF : 314457.7/24

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 285.593+/-676.568 χ^2/NDF : 10.7/11

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

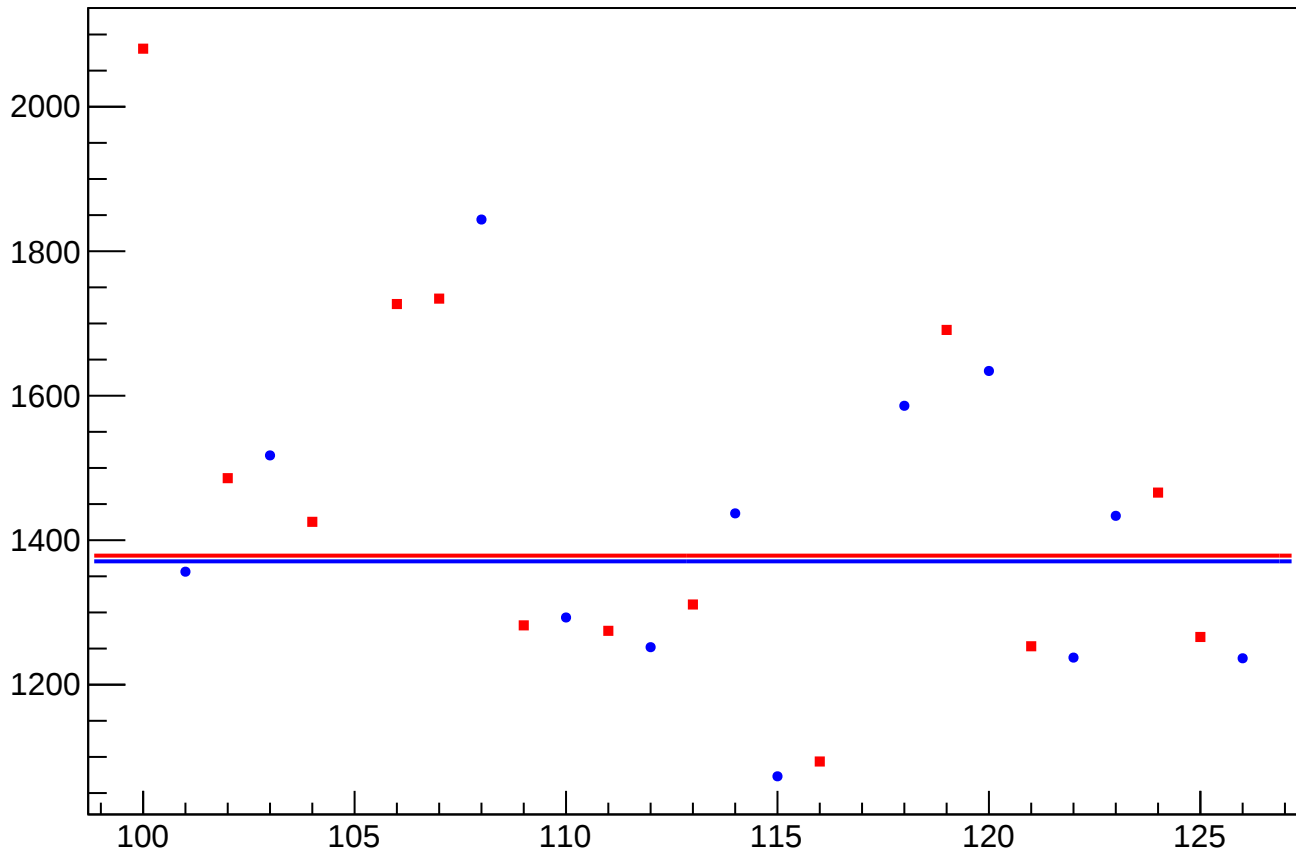
Right: -495.495+/-464.243 χ^2/NDF : 20.6/24

In: 285.593+/-676.568 χ^2/NDF : 10.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -495.495+/-464.243 χ^2/NDF : 20.6/24

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1370.737+/-0.478 χ^2/NDF : 143266.6/11

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

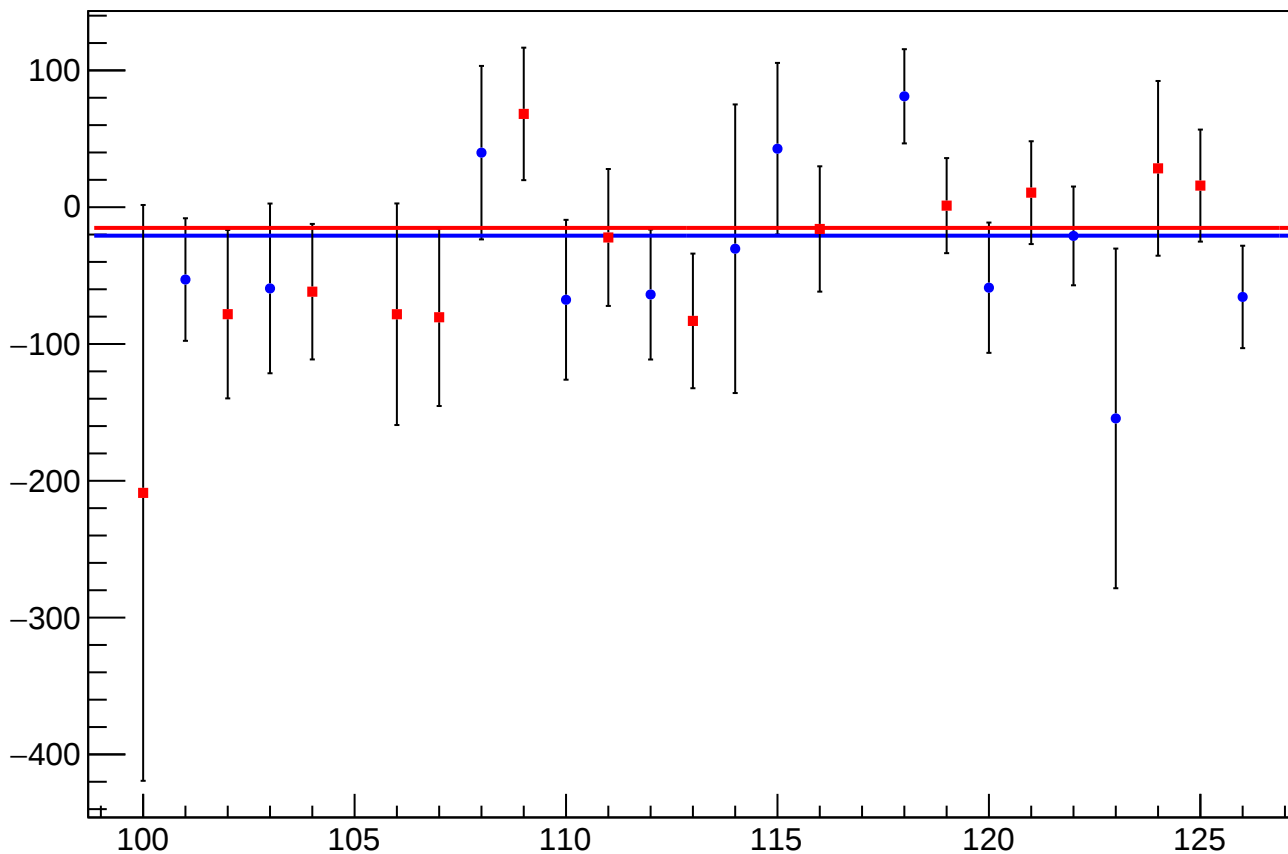
Right: 1374.920+/-0.328 χ^2/NDF : 316446.3/24

In: 1370.737+/-0.478 χ^2/NDF : 143266.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1374.920+/-0.328 χ^2/NDF : 316446.3/24

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -20.812 ± 14.261 χ^2/NDF : 16.3/11

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

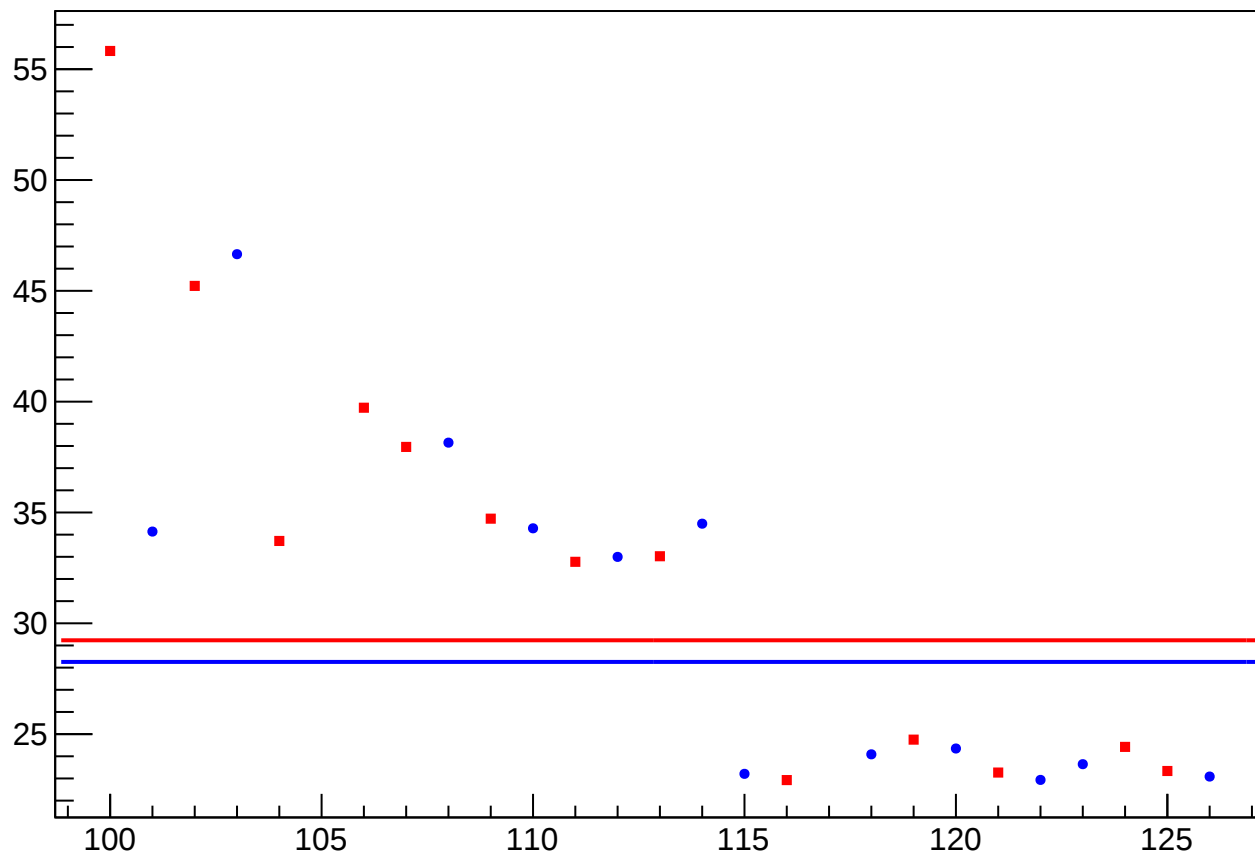
Right: -17.902 ± 9.953 χ^2/NDF : 27.4/24

In: -20.812 ± 14.261 χ^2/NDF : 16.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -17.902 ± 9.953 χ^2/NDF : 27.4/24

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 28.258+/-0.010 χ^2/NDF : 447361.2/11

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

Right Out: 29.234+/-0.010 χ^2/NDF : 474941.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

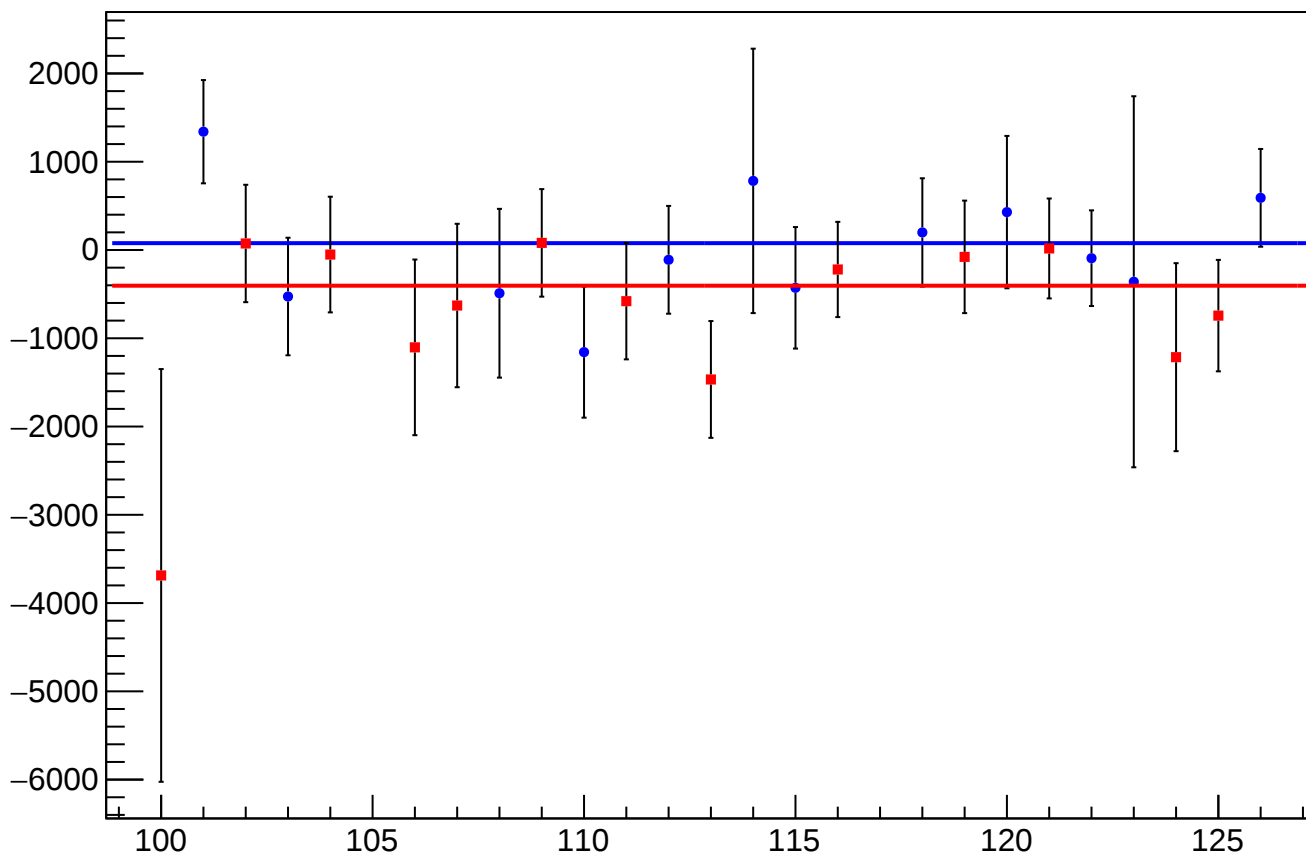
Right: 28.758+/-0.007 χ^2/NDF : 927105.2/24

In: 28.258+/-0.010 χ^2/NDF :447361.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 28.758+/-0.007 χ^2/NDF : 927105.2/24

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 77.596+/-203.225 χ^2/NDF : 10.7/11

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

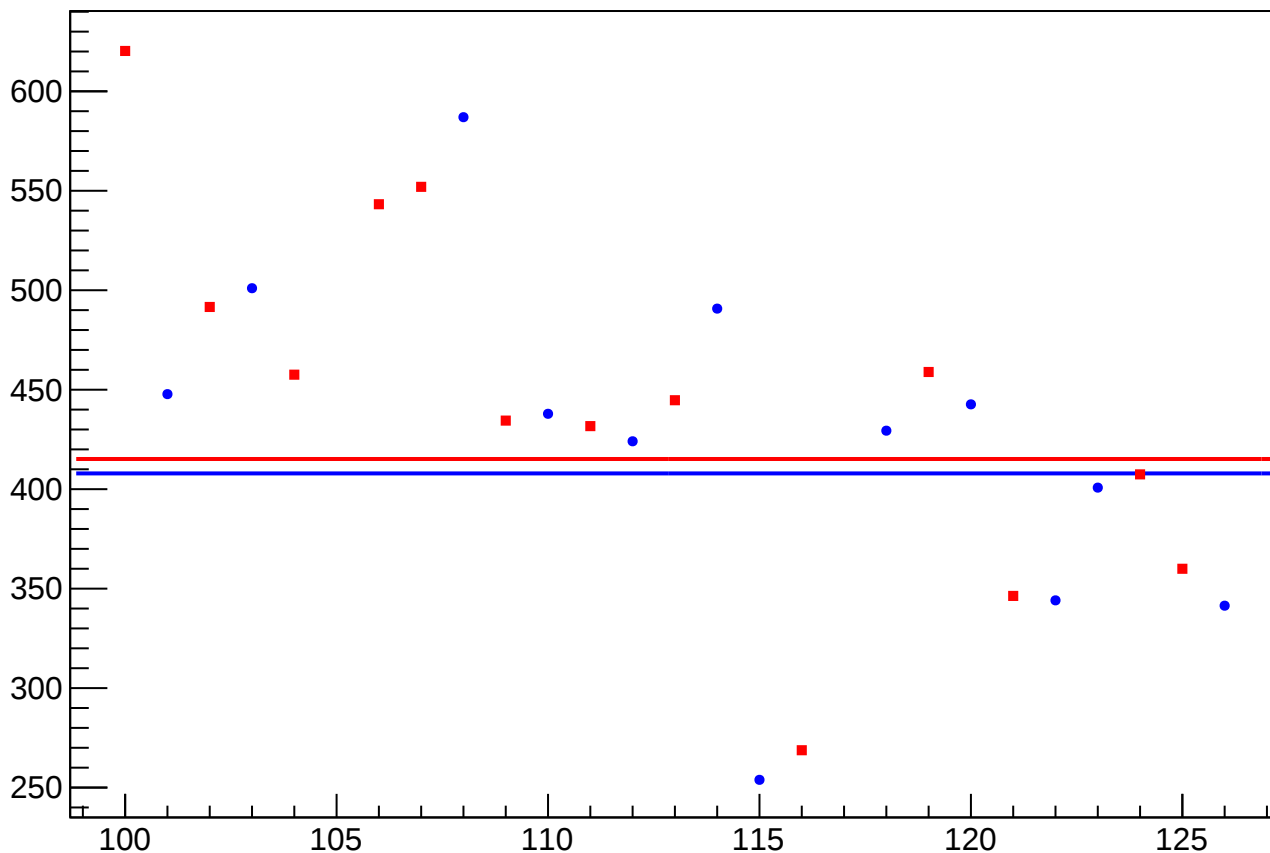
Right: -174.907+/-140.229 χ^2/NDF : 22.0/24

In: 77.596+/-203.225 χ^2/NDF : 10.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -174.907+/-140.229 χ^2/NDF : 22.0/24

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 407.922+/-0.144 χ^2/NDF : 291719.4/11

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

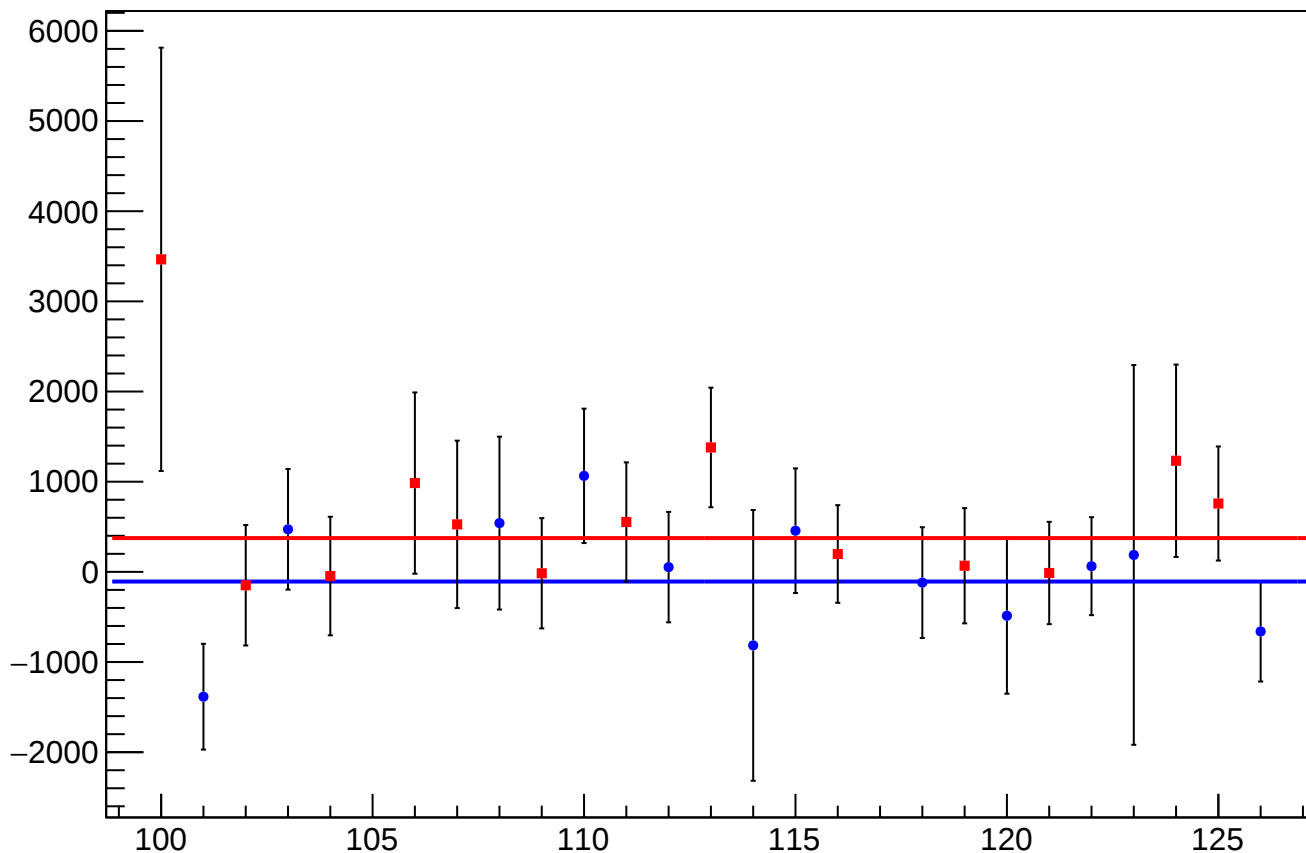
Right: 411.720+/-0.099 χ^2/NDF : 628951.9/24

In: 407.922+/-0.144 χ^2/NDF :291719.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 411.720+/-0.099 χ^2/NDF : 628951.9/24

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -107.346+/-203.797 χ^2/NDF : 10.7/11

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

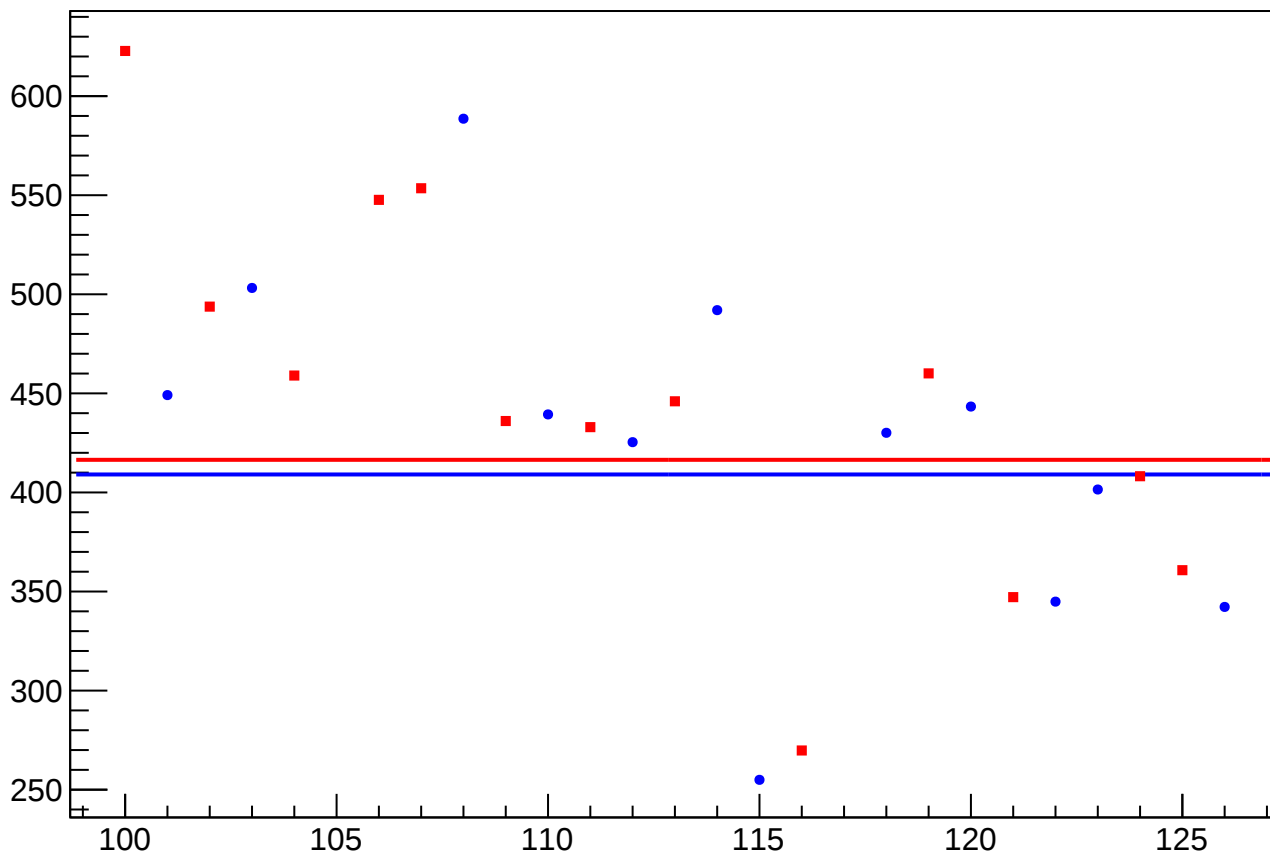
Right: 144.968+/-140.659 χ^2/NDF : 21.4/24

In: -107.346+/-203.797 χ^2/NDF : 10.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.968+/-140.659 χ^2/NDF : 21.4/24

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 409.073+/-0.144 χ^2/NDF : 291717.8/11

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

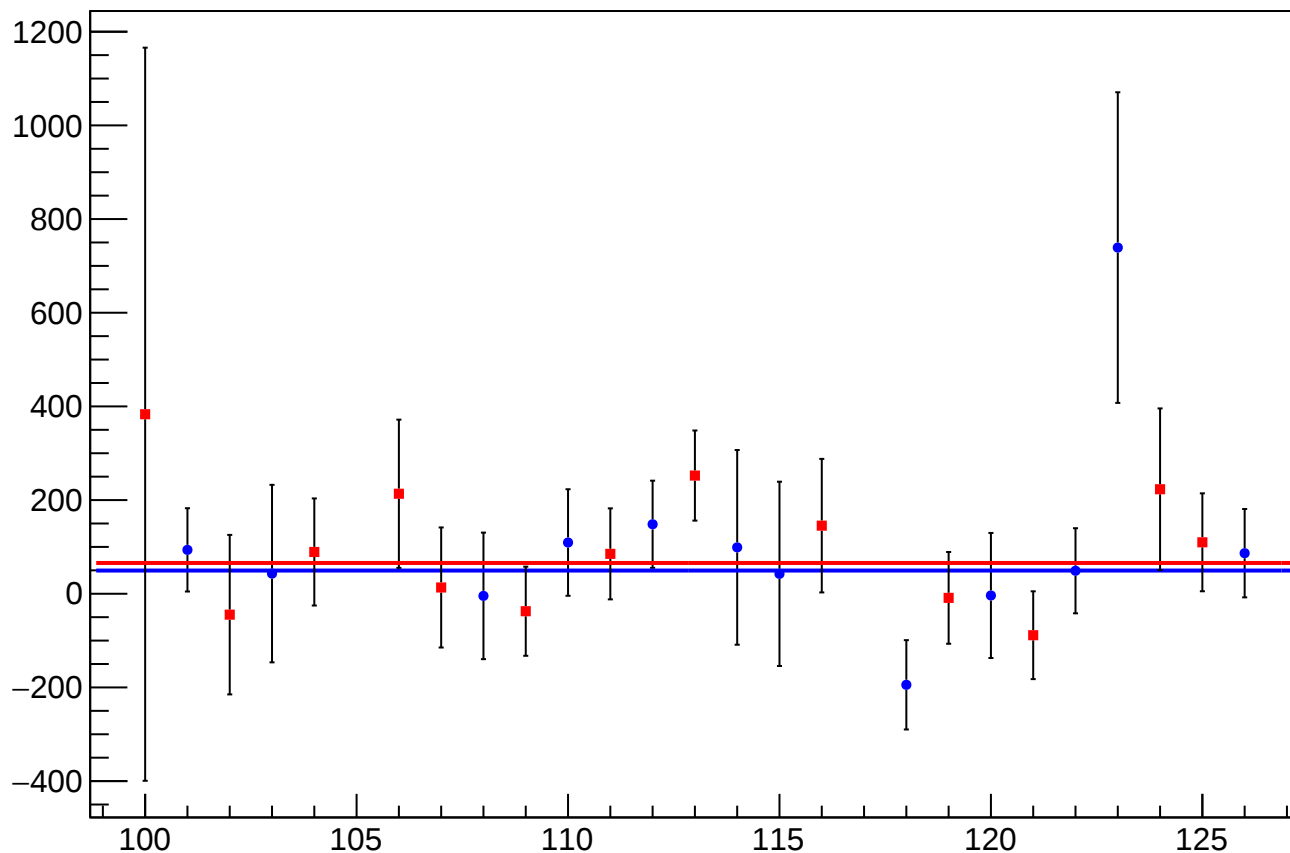
Right: 412.943+/-0.099 χ^2/NDF : 630145.5/24

In: 409.073+/-0.144 χ^2/NDF :291717.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 412.943+/-0.099 χ^2/NDF : 630145.5/24

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 49.550 $\pm$ 34.107 χ^2 /NDF: 13.1/11

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

Right Out: 65.720 $\pm$ 32.788 χ^2 /NDF: 11.3/12

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

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

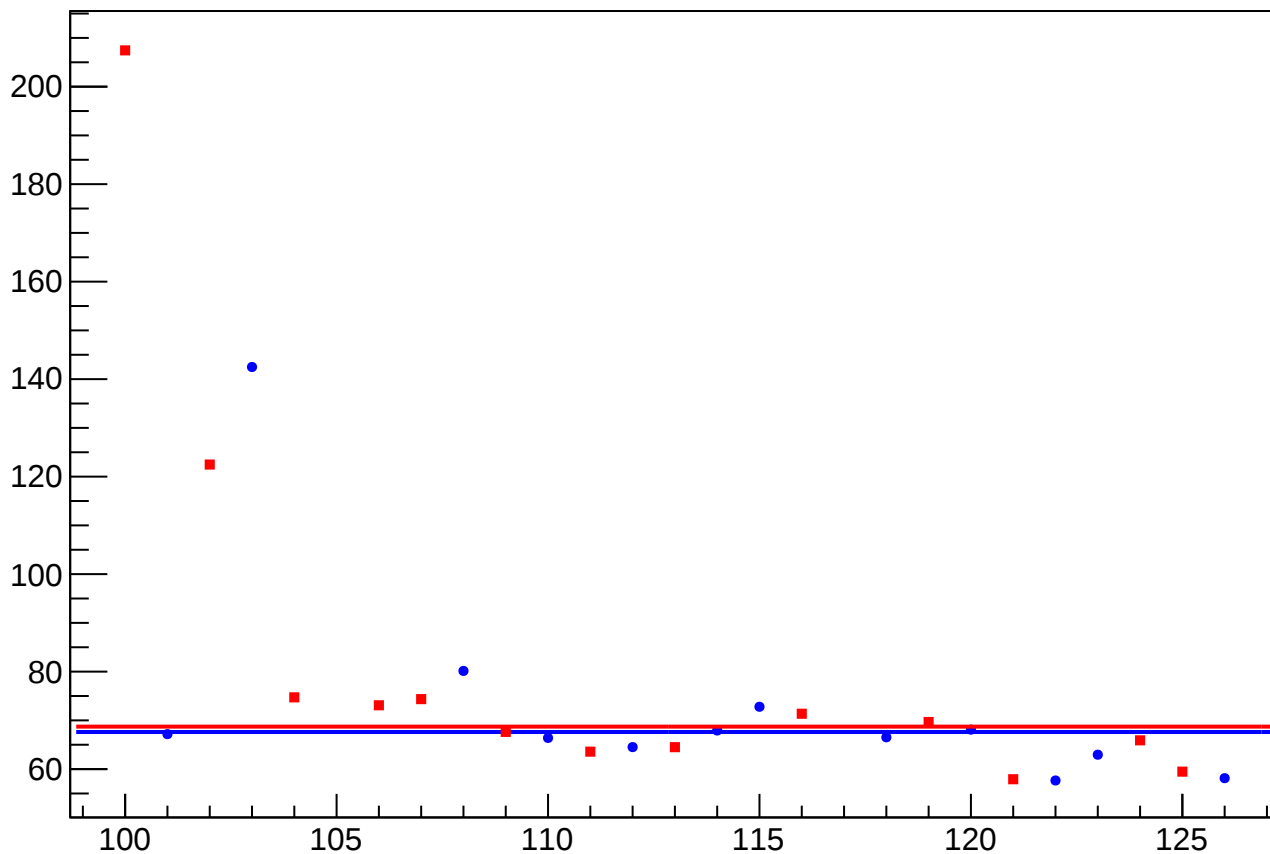
Right: 57.954 $\pm$ 23.637 χ^2 /NDF: 24.4/24

In: 49.550 $\pm$ 34.107 χ^2 /NDF:13.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 57.954 $\pm$ 23.637 χ^2 /NDF: 24.4/24

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 67.616+/-0.024 χ^2/NDF : 378173.7/11

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

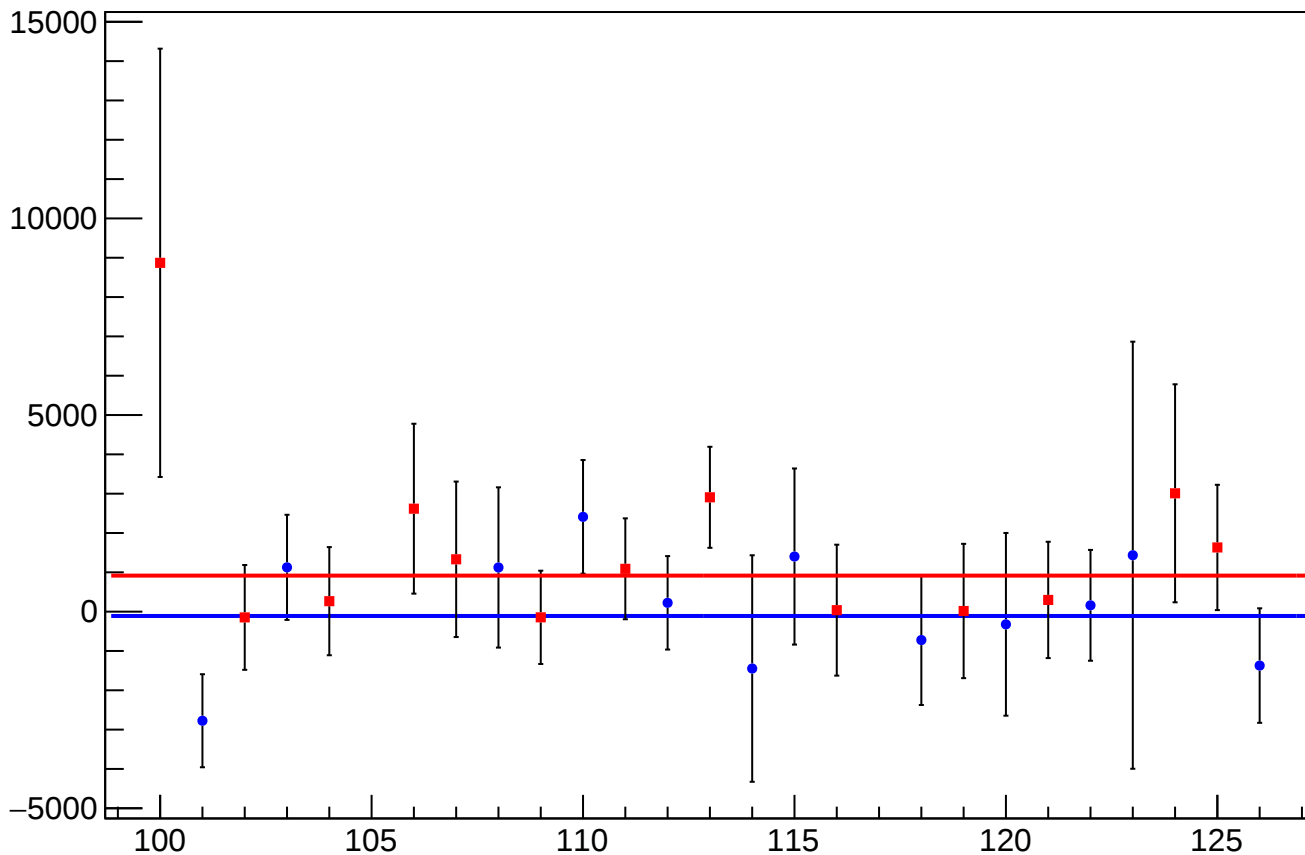
Right: 68.189+/-0.017 χ^2/NDF : 705622.9/24

In: 67.616+/-0.024 χ^2/NDF : 378173.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.189+/-0.017 χ^2/NDF : 705622.9/24

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -110.027+/-467.141 χ^2/NDF : 11.1/11

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

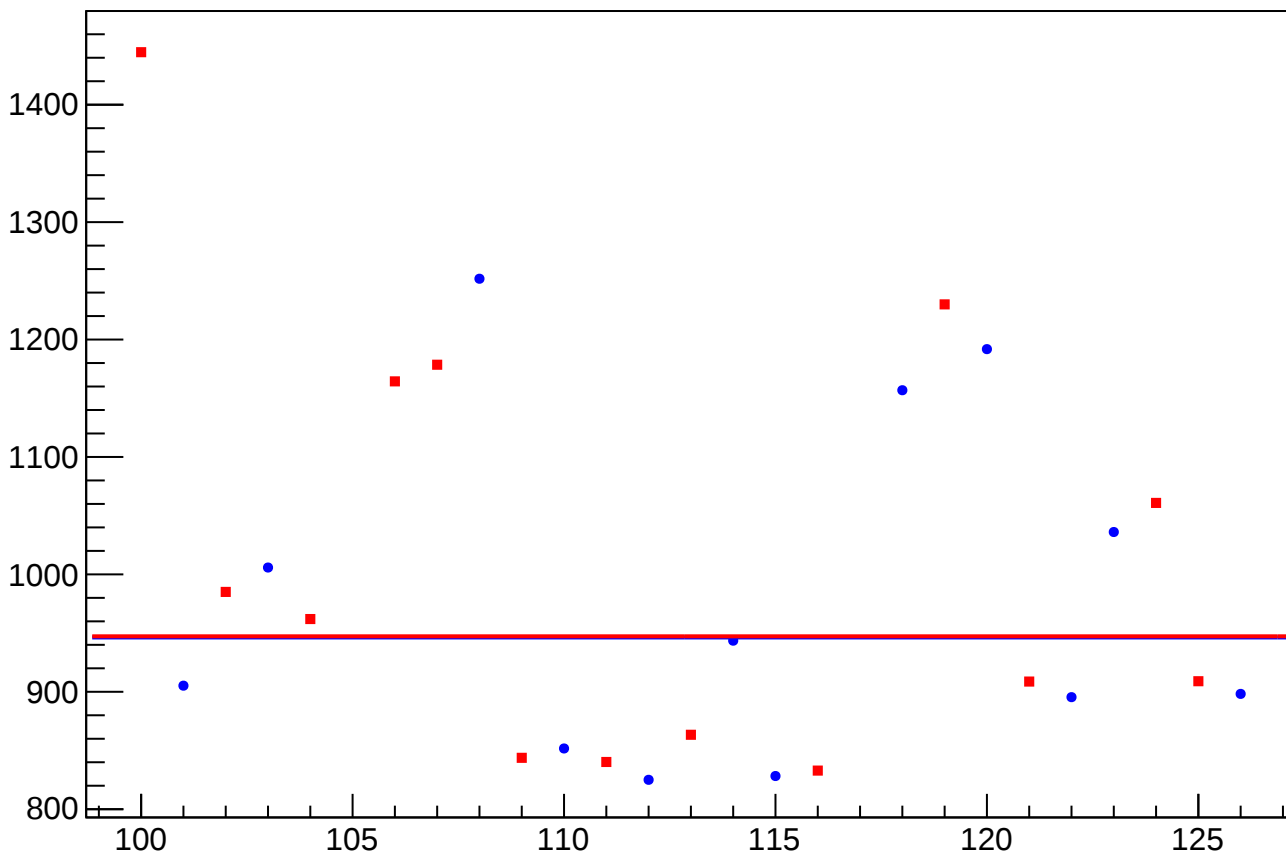
Right: 435.853+/-319.655 χ^2/NDF : 22.1/24

In: -110.027+/-467.141 χ^2/NDF : 11.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 435.853+/-319.655 χ^2/NDF : 22.1/24

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 946.281+/-0.330 χ^2/NDF : 146443.0/11

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

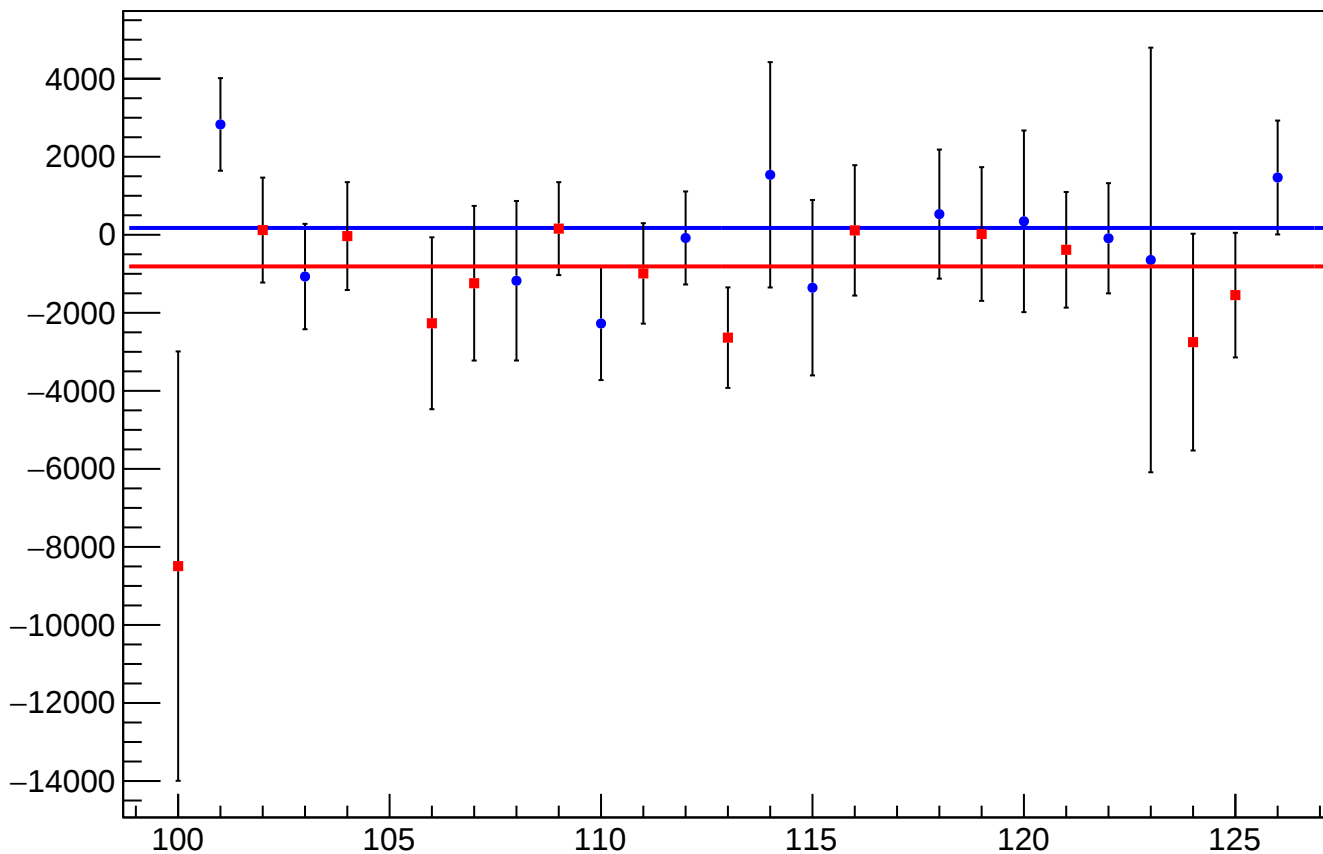
Right: 946.797+/-0.226 χ^2/NDF : 320322.8/24

In: 946.281+/-0.330 χ^2/NDF : 146443.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 946.797+/-0.226 χ^2/NDF : 320322.8/24

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 175.220+/-468.841 χ^2/NDF : 10.8/11

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

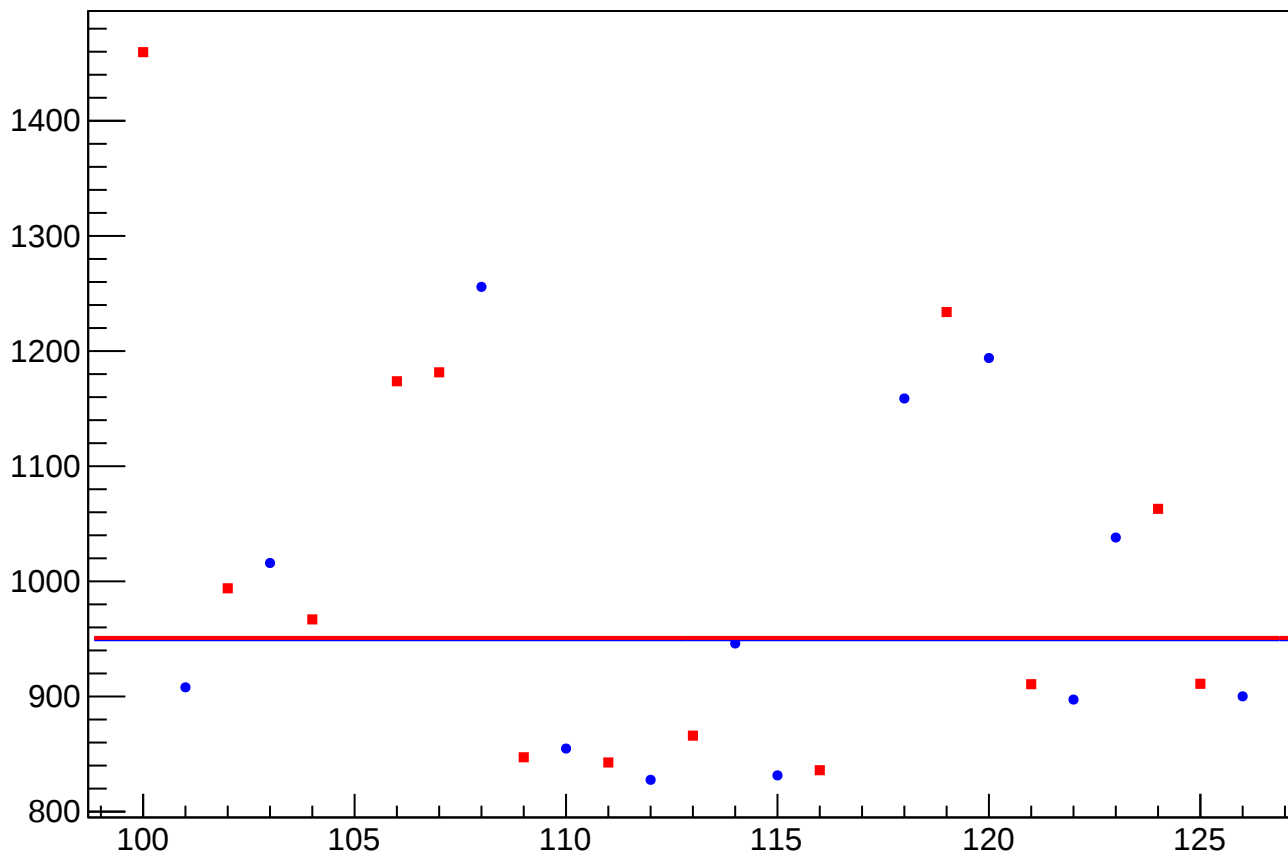
Right: -348.470+/-320.987 χ^2/NDF : 20.4/24

In: 175.220+/-468.841 χ^2/NDF : 10.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -348.470+/-320.987 χ^2/NDF : 20.4/24

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 949.704+/-0.332 χ^2/NDF : 146767.1/11

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

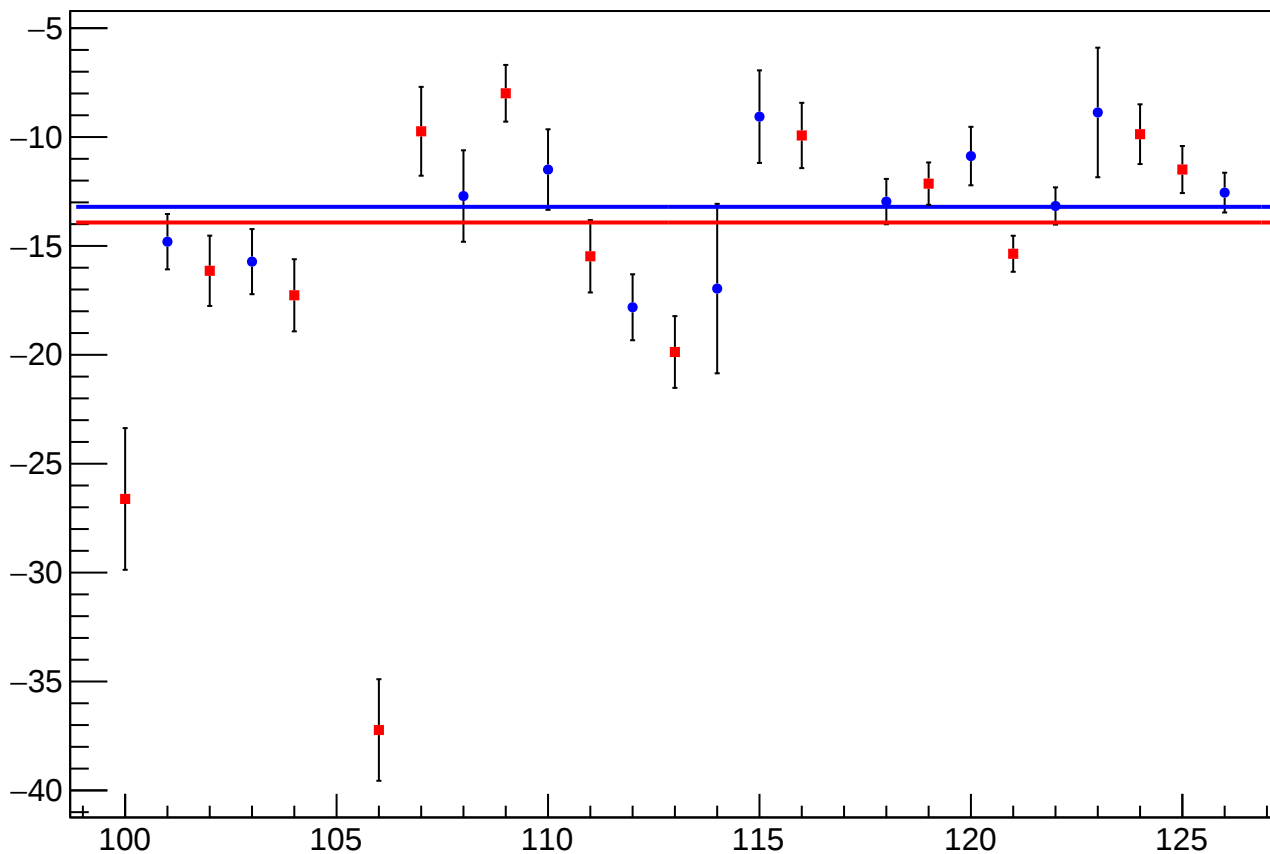
Right: 950.331+/-0.227 χ^2/NDF : 321727.8/24

In: 949.704+/-0.332 χ^2/NDF : 146767.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 950.331+/-0.227 χ^2/NDF : 321727.8/24

reg_asym_sam1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -13.205 $\pm$ 0.393 χ^2 /NDF: 25.0/11

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

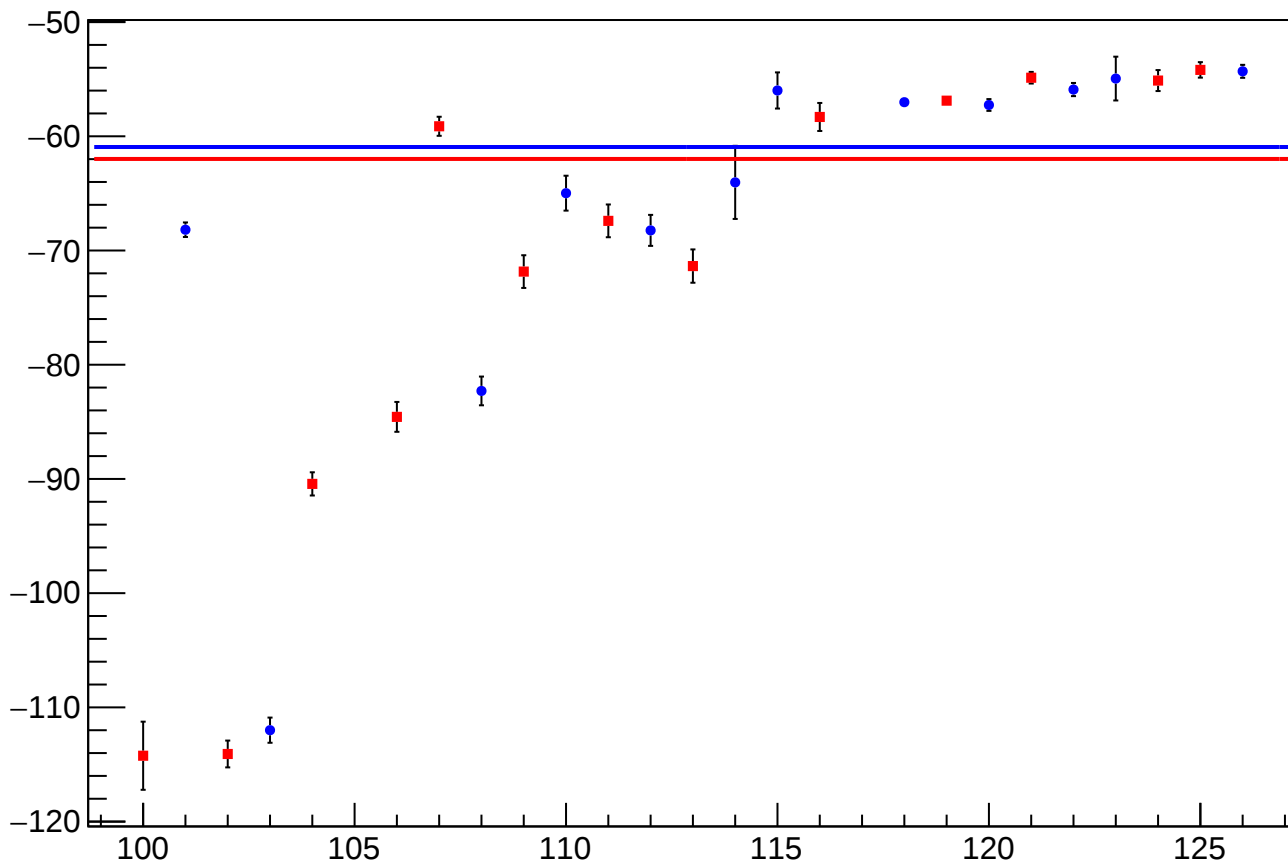
Right: -13.577 $\pm$ 0.273 χ^2 /NDF: 213.9/24

In: -13.205 $\pm$ 0.393 χ^2 /NDF:25.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.577 $\pm$ 0.273 χ^2 /NDF: 213.9/24

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -60.939+/-0.212 χ^2/NDF : 2986.2/11

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

Right Out: -61.984+/-0.221 χ^2/NDF : 4056.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

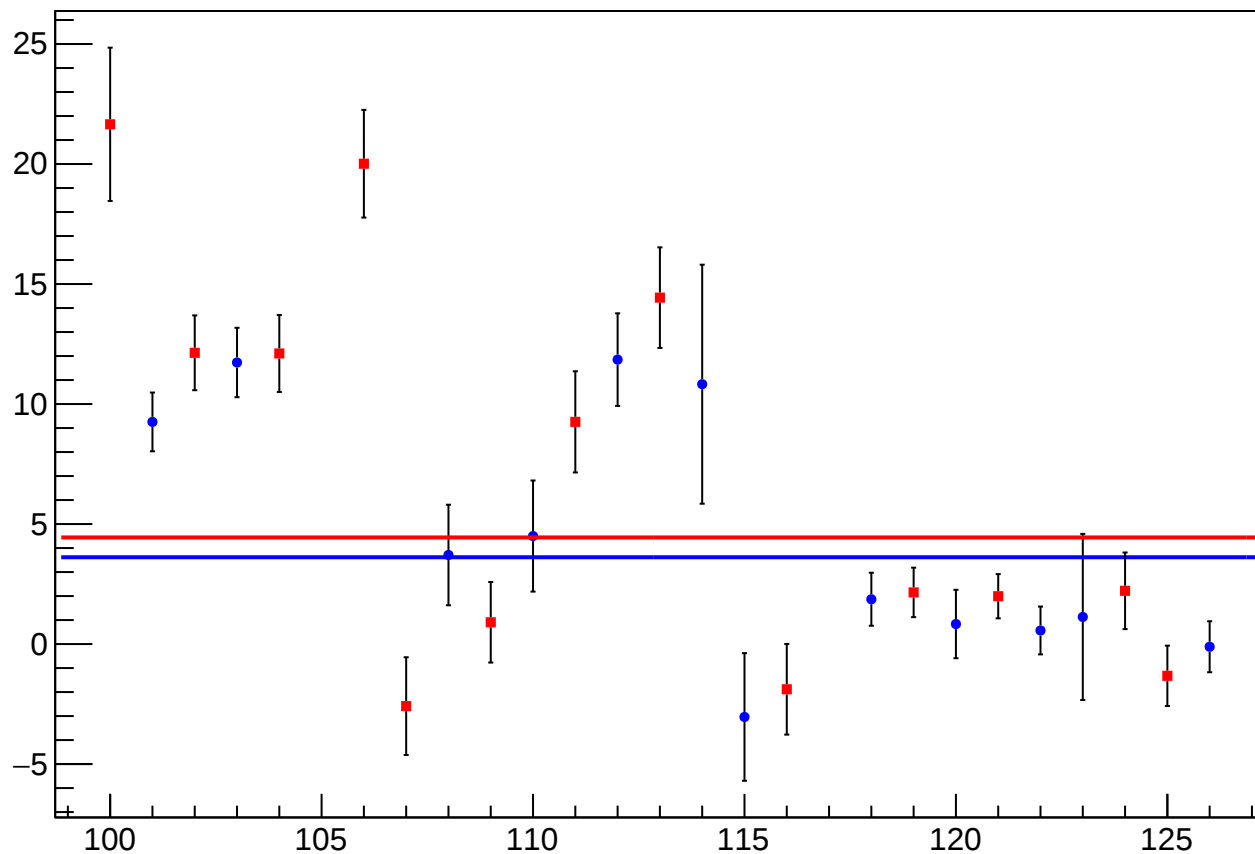
Right: -61.440+/-0.153 χ^2/NDF : 7053.9/24

In: -60.939+/-0.212 χ^2/NDF :2986.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -61.440+/-0.153 χ^2/NDF : 7053.9/24

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.616+/-0.434 χ^2/NDF : 108.0/11

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

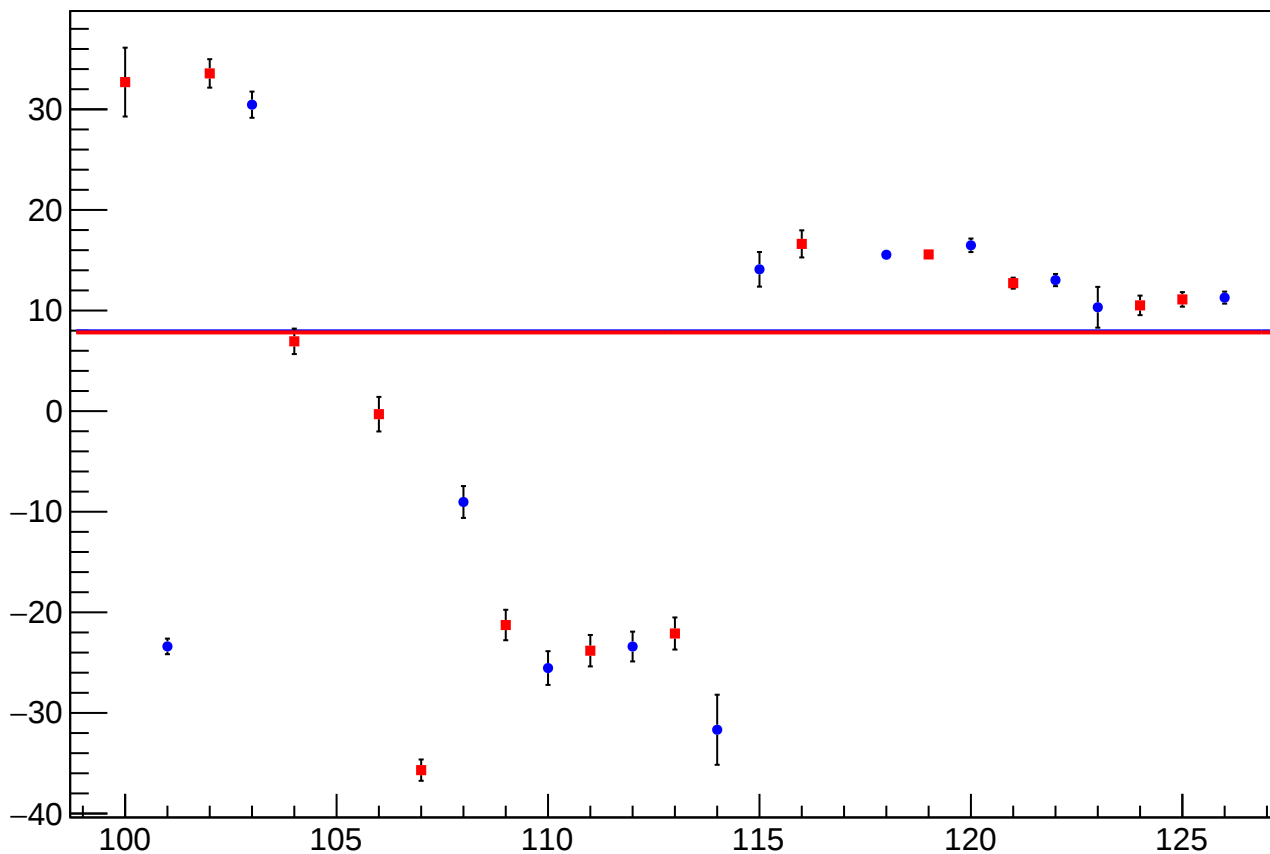
Right: 4.040+/-0.303 χ^2/NDF : 324.8/24

In: 3.616+/-0.434 χ^2/NDF : 108.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.040+/-0.303 χ^2/NDF : 324.8/24

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.932 $\pm$ 0.251 χ^2 /NDF: 3528.3/11

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

Right Out: 7.825 $\pm$ 0.259 χ^2 /NDF: 3640.8/12

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

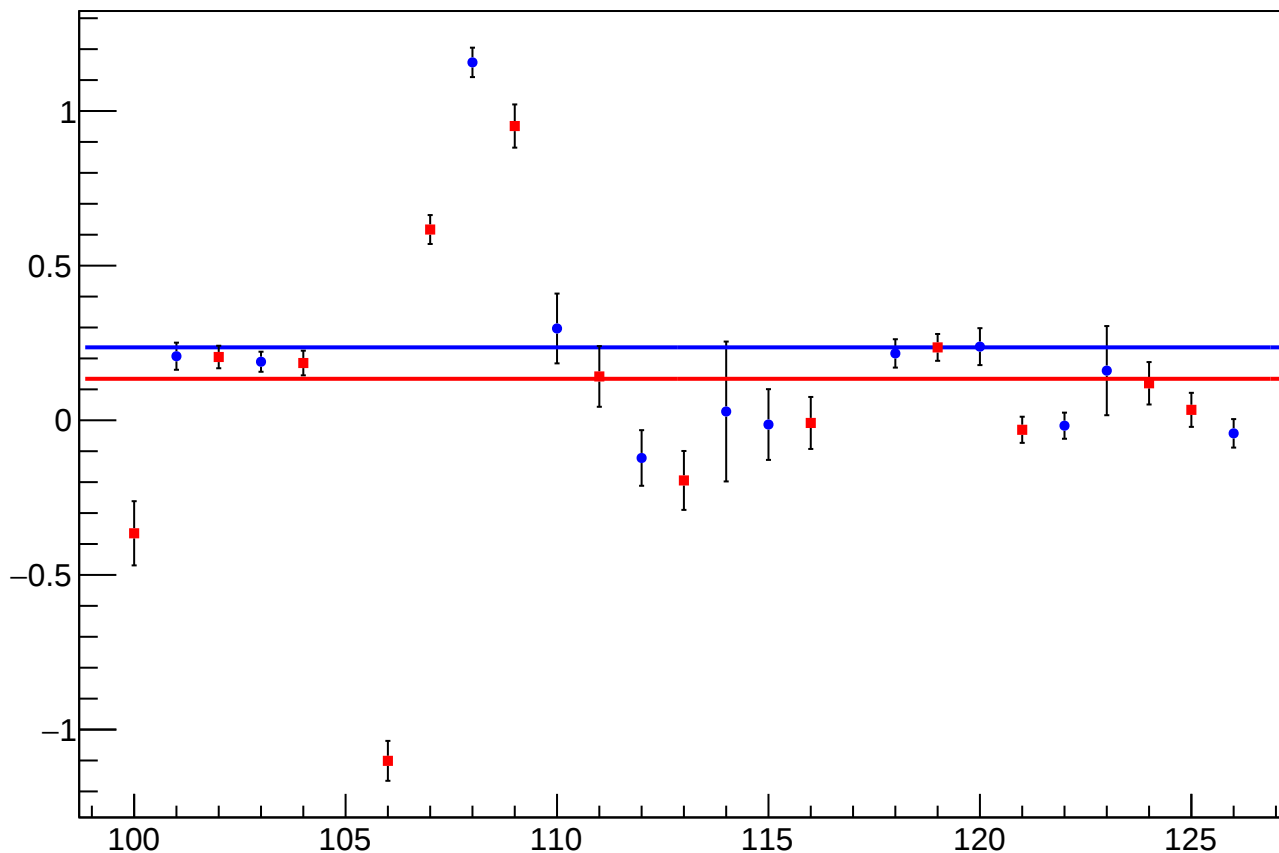
Right: 7.880 $\pm$ 0.180 χ^2 /NDF: 7169.1/24

In: 7.932 $\pm$ 0.251 χ^2 /NDF:3528.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 7.880 $\pm$ 0.180 χ^2 /NDF: 7169.1/24

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.236 $\pm$ 0.016 χ^2 /NDF: 472.1/11

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

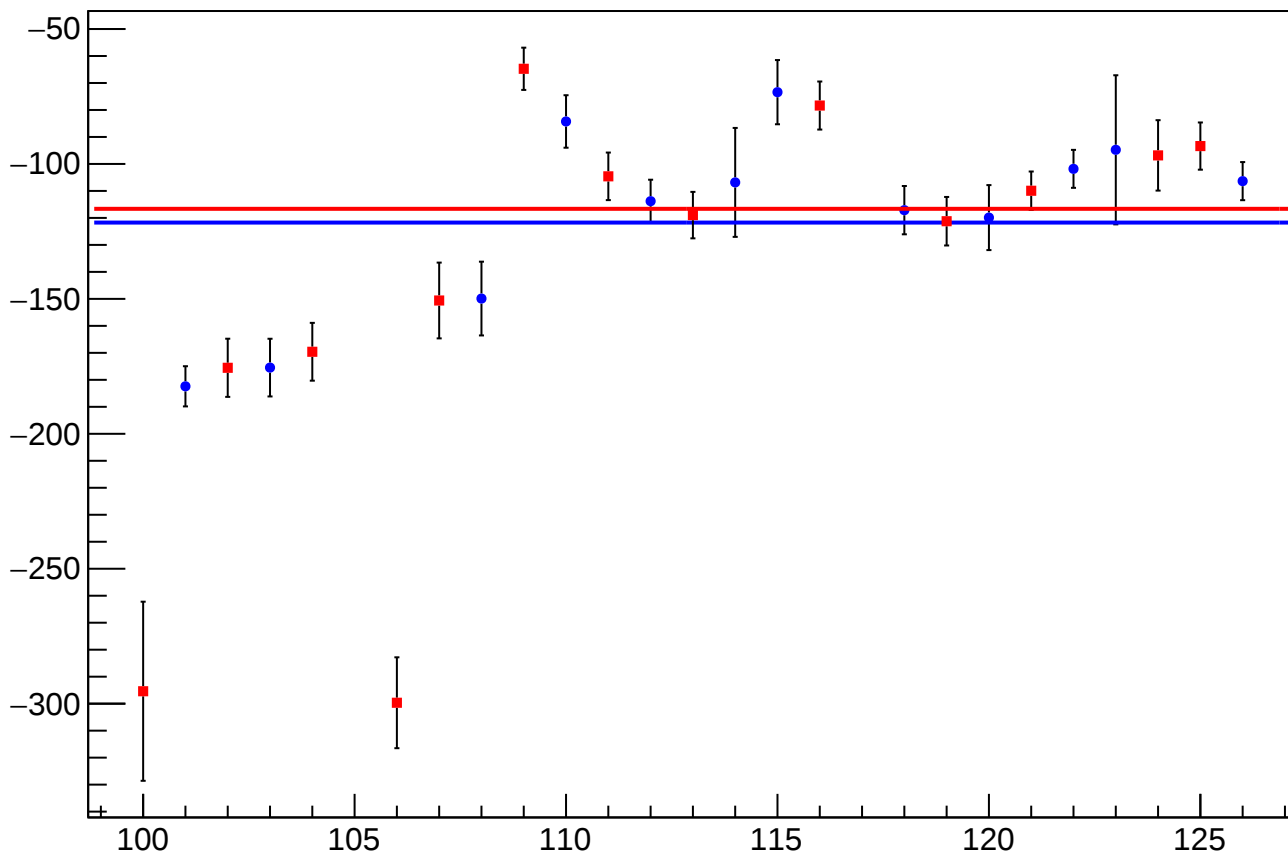
Right: 0.183 $\pm$ 0.011 χ^2 /NDF: 1171.1/24

In: 0.236 $\pm$ 0.016 χ^2 /NDF:472.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.183 $\pm$ 0.011 χ^2 /NDF: 1171.1/24

reg_asym_sam2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -121.726+/-2.784 χ^2 /NDF: 142.8/11

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

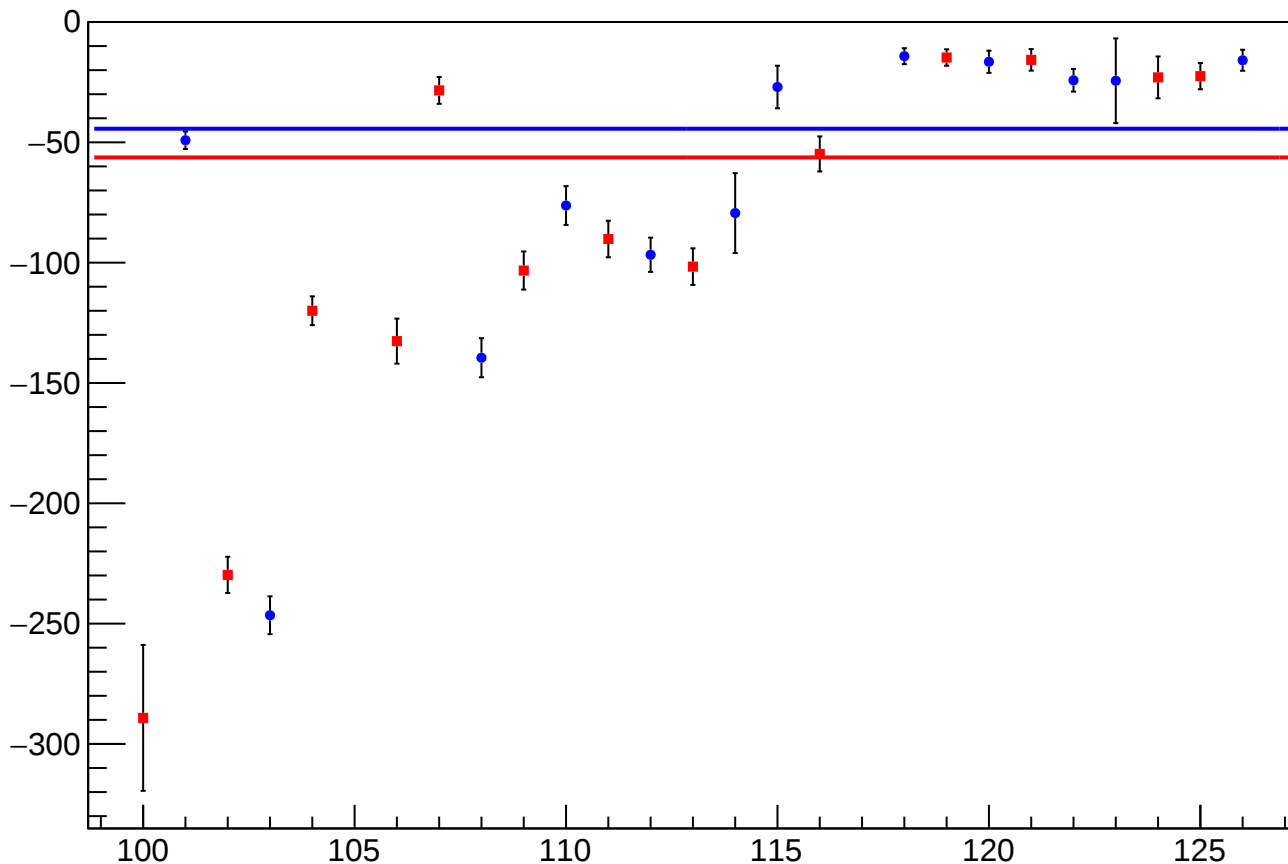
Right: -119.138+/-1.953 χ^2 /NDF: 426.7/24

In: -121.726+/-2.784 χ^2 /NDF:142.8/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -119.138+/-1.953 χ^2 /NDF: 426.7/24

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -44.351+/-1.589 χ^2/NDF : 1059.4/11

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

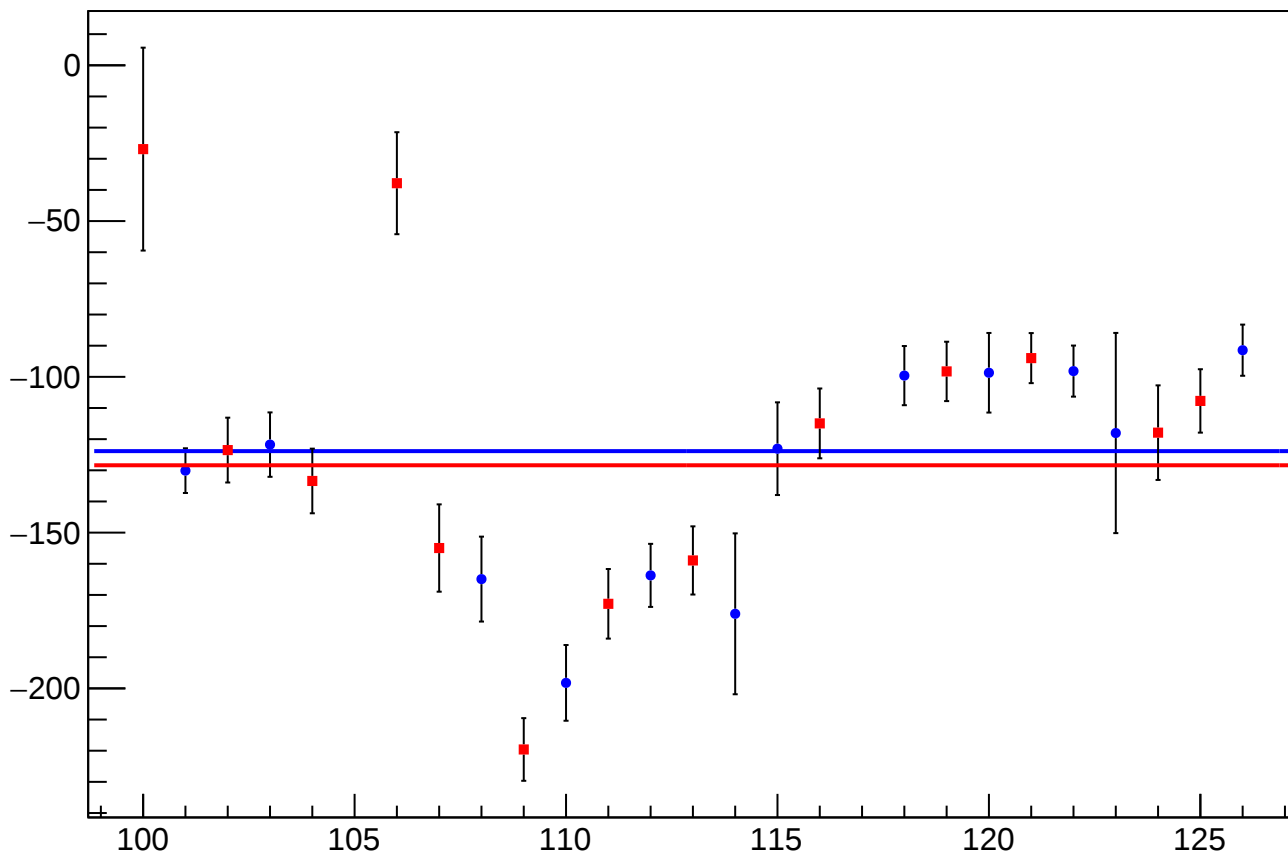
Right: -49.881+/-1.164 χ^2/NDF : 2253.4/24

In: -44.351+/-1.589 χ^2/NDF :1059.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -49.881+/-1.164 χ^2/NDF : 2253.4/24

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -123.840 ± 3.092 χ^2/NDF : 102.8/11

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

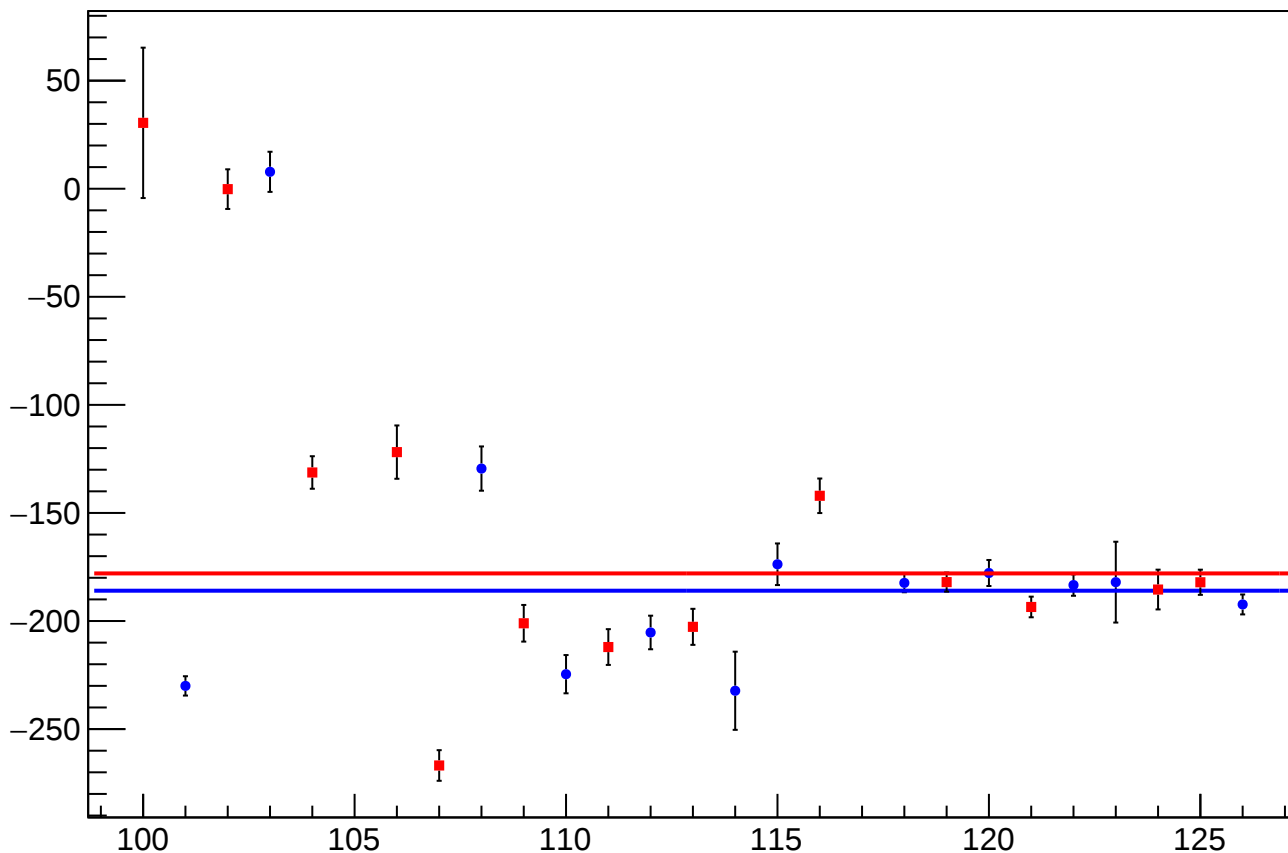
Right: -126.094 ± 2.195 χ^2/NDF : 288.5/24

In: -123.840 ± 3.092 χ^2/NDF : 102.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -126.094 ± 2.195 χ^2/NDF : 288.5/24

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -185.978+/-1.871 χ^2 /NDF: 601.5/11

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

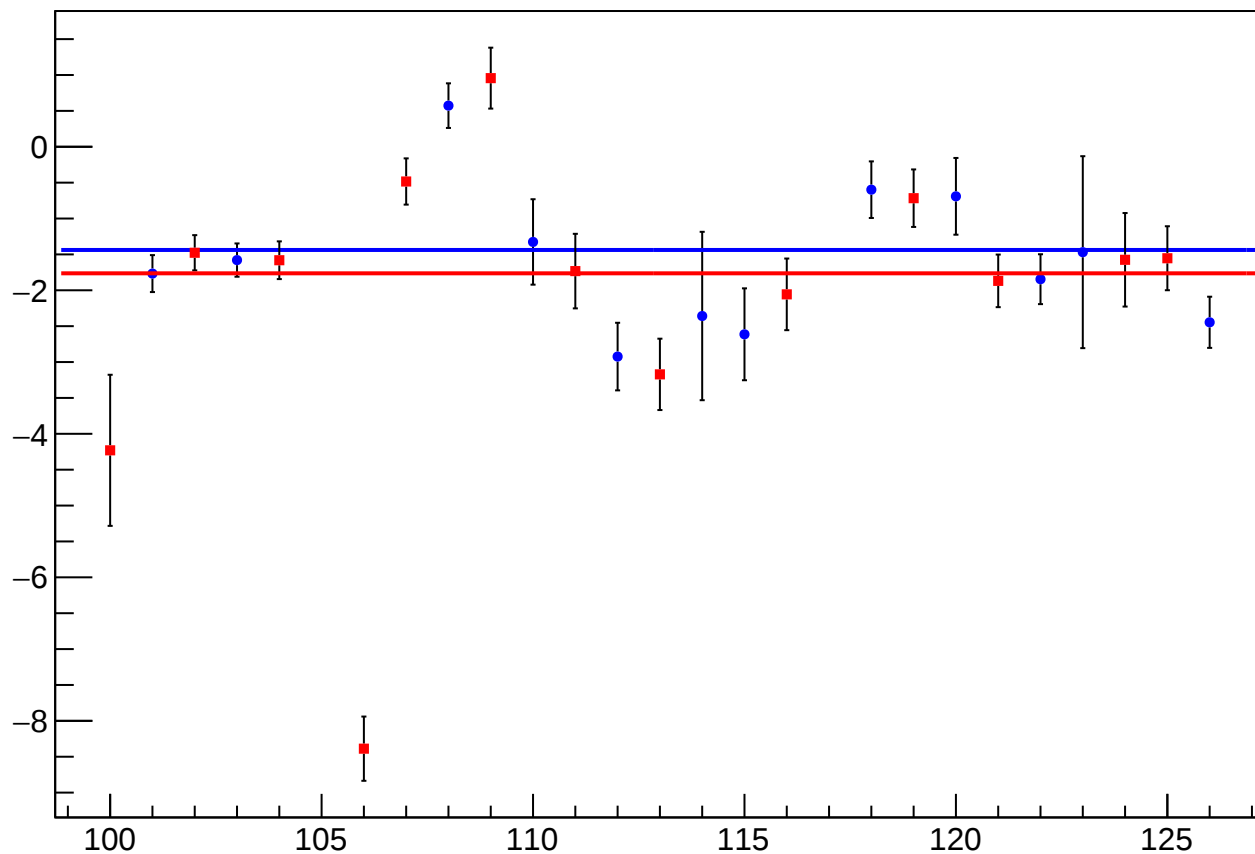
Right: -182.227+/-1.364 χ^2 /NDF: 1303.8/24

In: -185.978+/-1.871 χ^2 /NDF:601.5/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -182.227+/-1.364 χ^2 /NDF: 1303.8/24

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.438 ± 0.111 χ^2/NDF : 73.7/11

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

Right Out: -1.764 ± 0.108 χ^2/NDF : 298.8/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

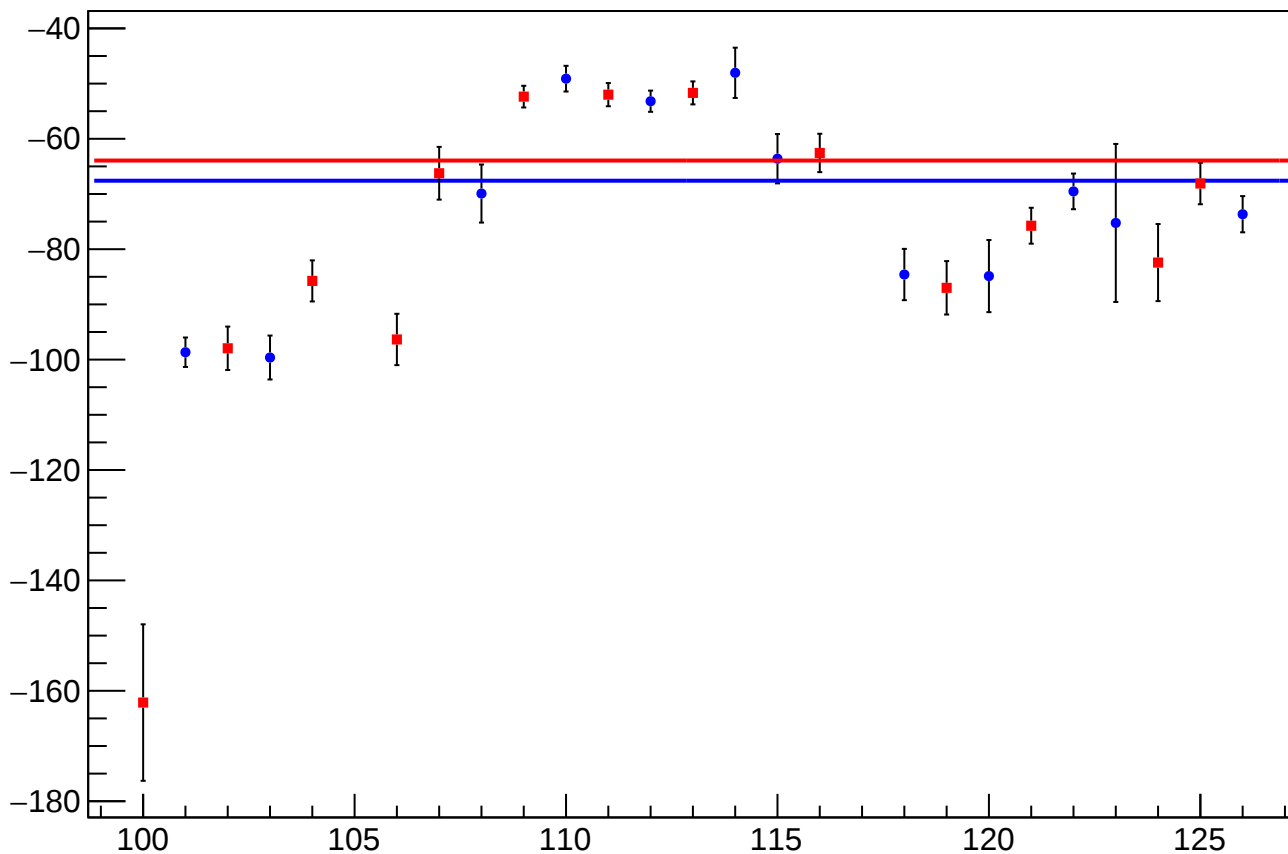
Right: -1.605 ± 0.078 χ^2/NDF : 376.9/24

In: -1.438 ± 0.111 χ^2/NDF : 73.7/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.605 ± 0.078 χ^2/NDF : 376.9/24

reg_asym_sam3_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -67.593+/-0.973 χ^2/NDF : 363.5/11

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

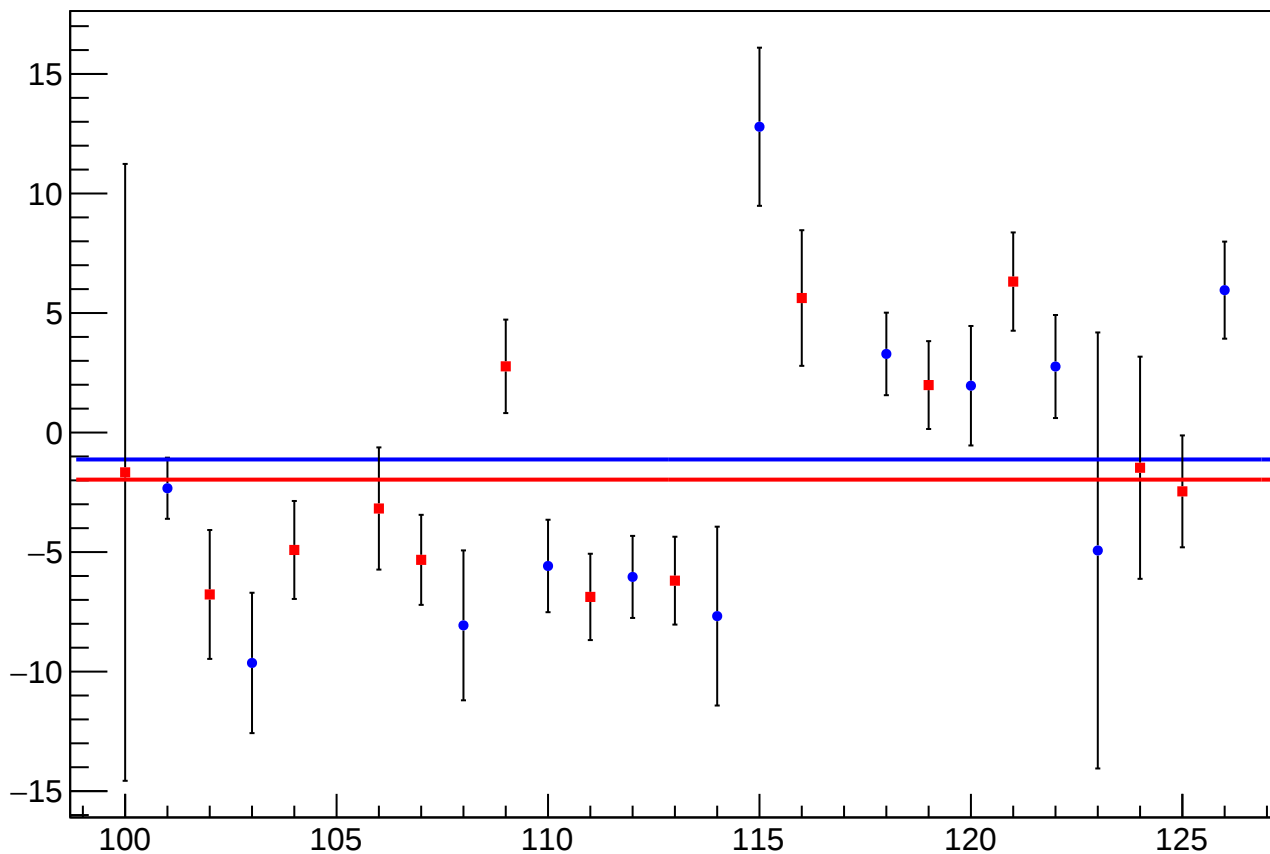
Right: -65.606+/-0.657 χ^2/NDF : 723.2/24

In: -67.593+/-0.973 χ^2/NDF : 363.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.606+/-0.657 χ^2/NDF : 723.2/24

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.126+/-0.624 χ^2/NDF : 72.1/11

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

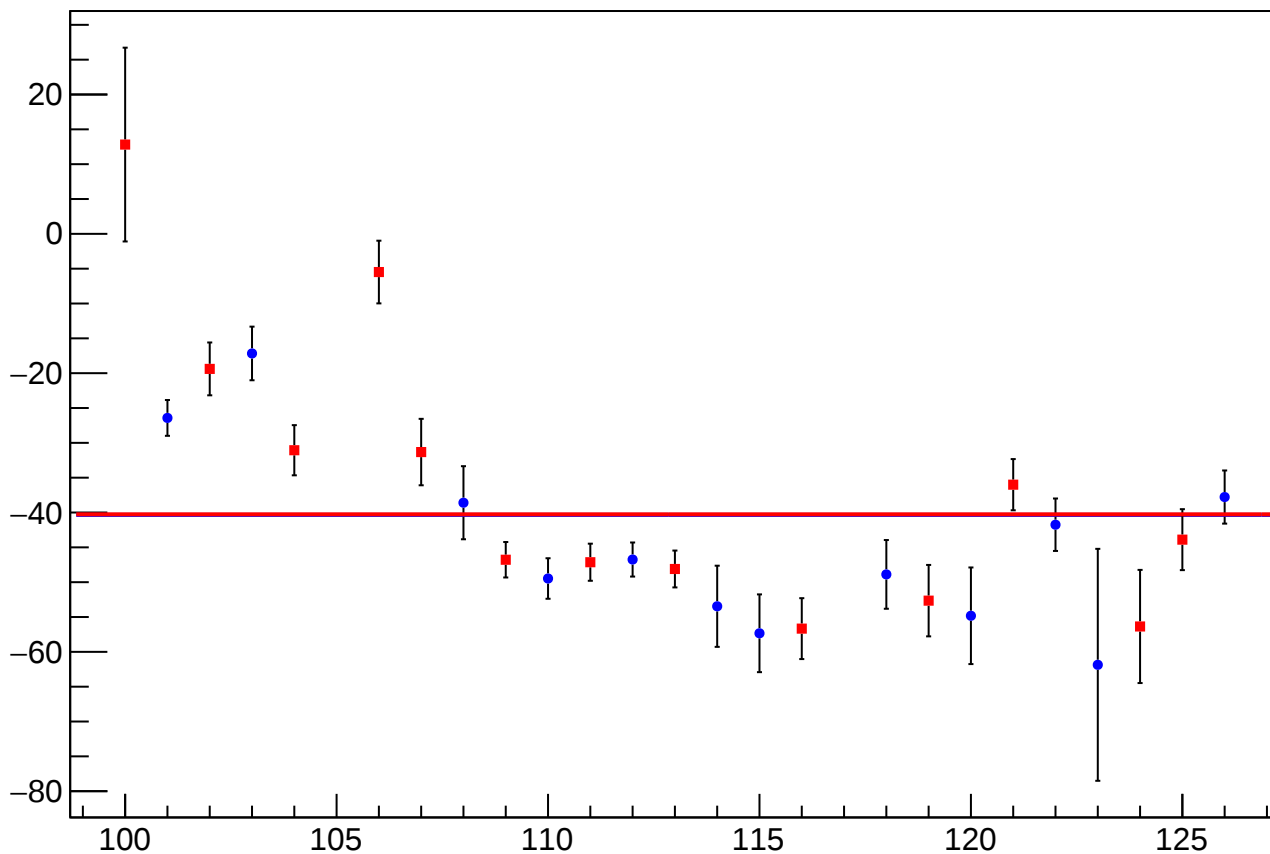
Right: -1.548+/-0.441 χ^2/NDF : 128.3/24

In: -1.126+/-0.624 χ^2/NDF : 72.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.548+/-0.441 χ^2/NDF : 128.3/24

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -40.342 ± 1.113 χ^2/NDF : 106.4/11

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

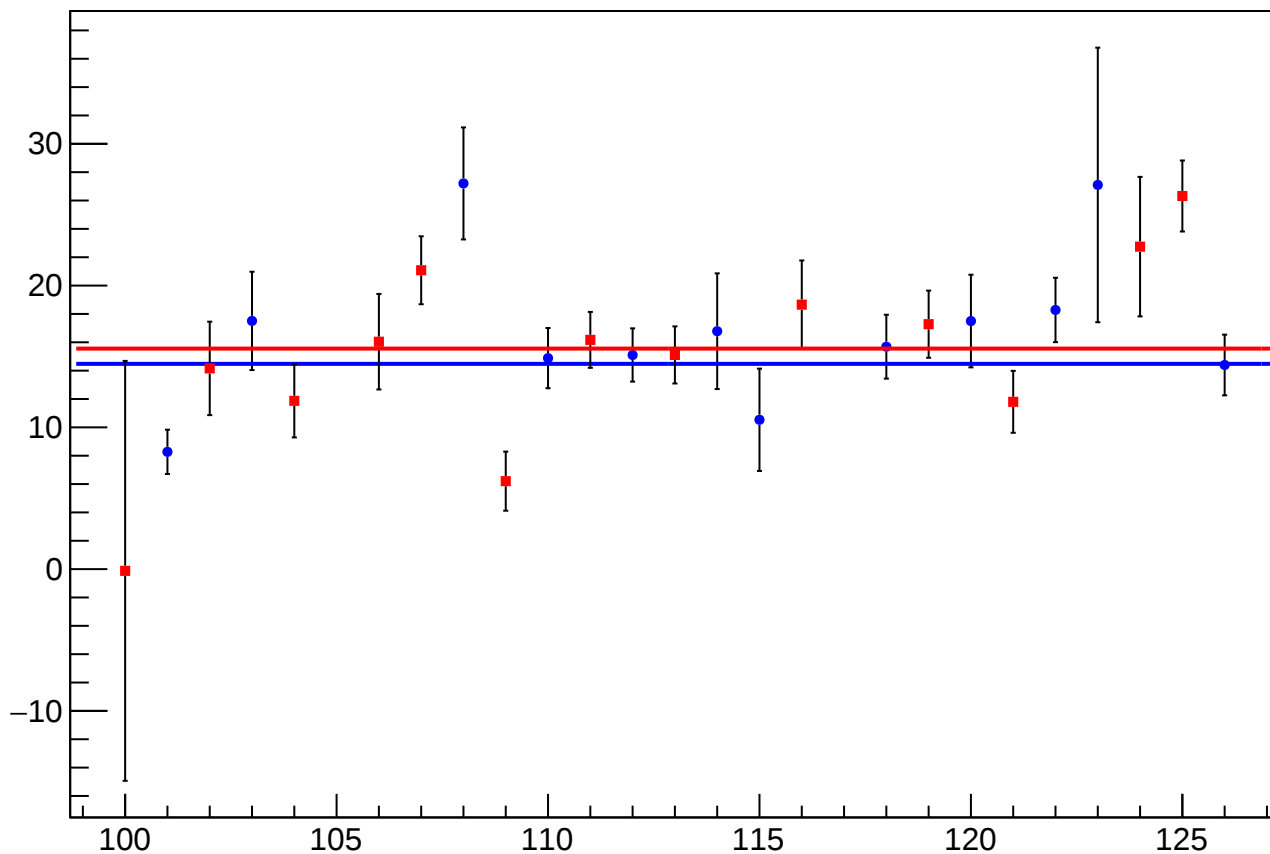
Right: -40.298 ± 0.762 χ^2/NDF : 268.9/24

In: -40.342 ± 1.113 χ^2/NDF : 106.4/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.298 ± 0.762 χ^2/NDF : 268.9/24

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 14.479+/-0.723 χ^2/NDF : 34.2/11

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

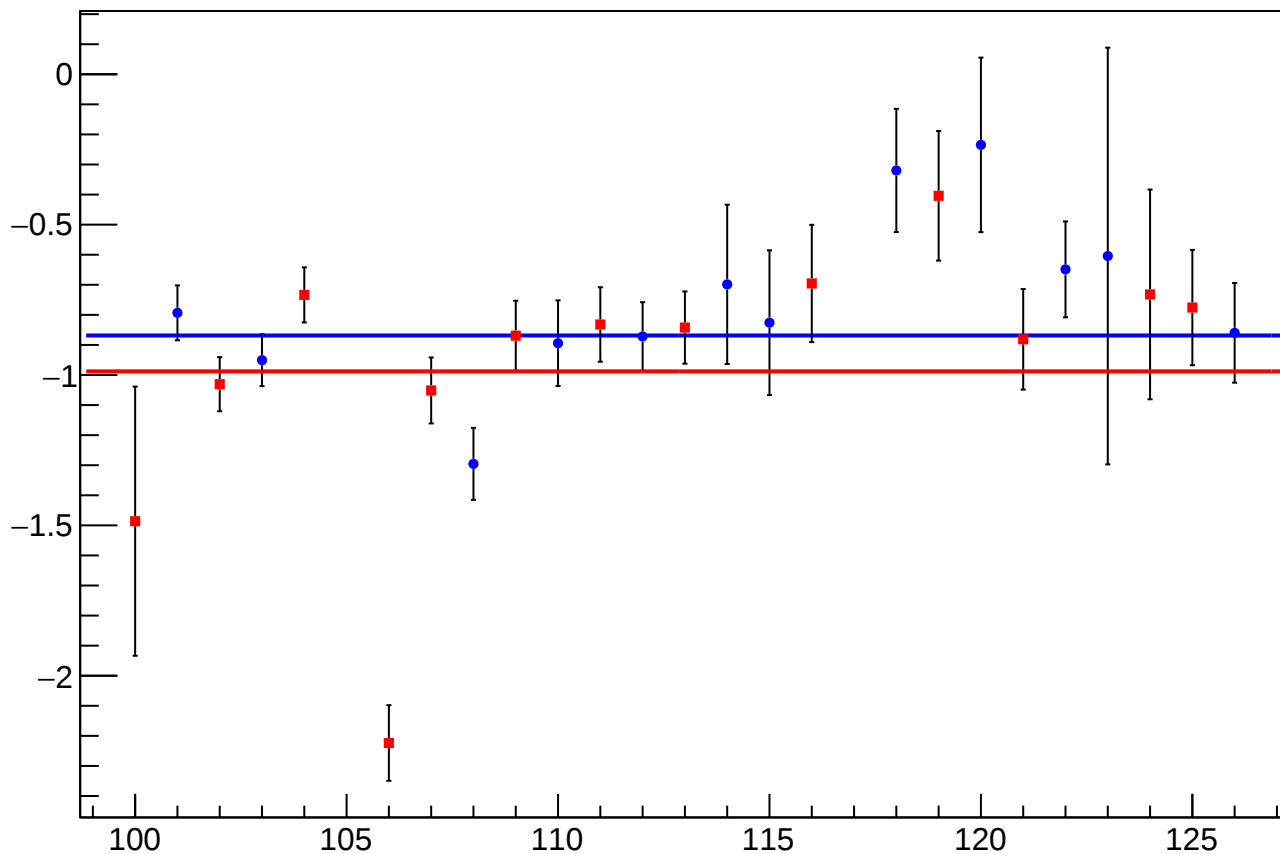
Right: 15.021+/-0.510 χ^2/NDF : 89.4/24

In: 14.479+/-0.723 χ^2/NDF : 34.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.021+/-0.510 χ^2/NDF : 89.4/24

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.869 ± 0.041 χ^2/NDF : 28.8/11

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

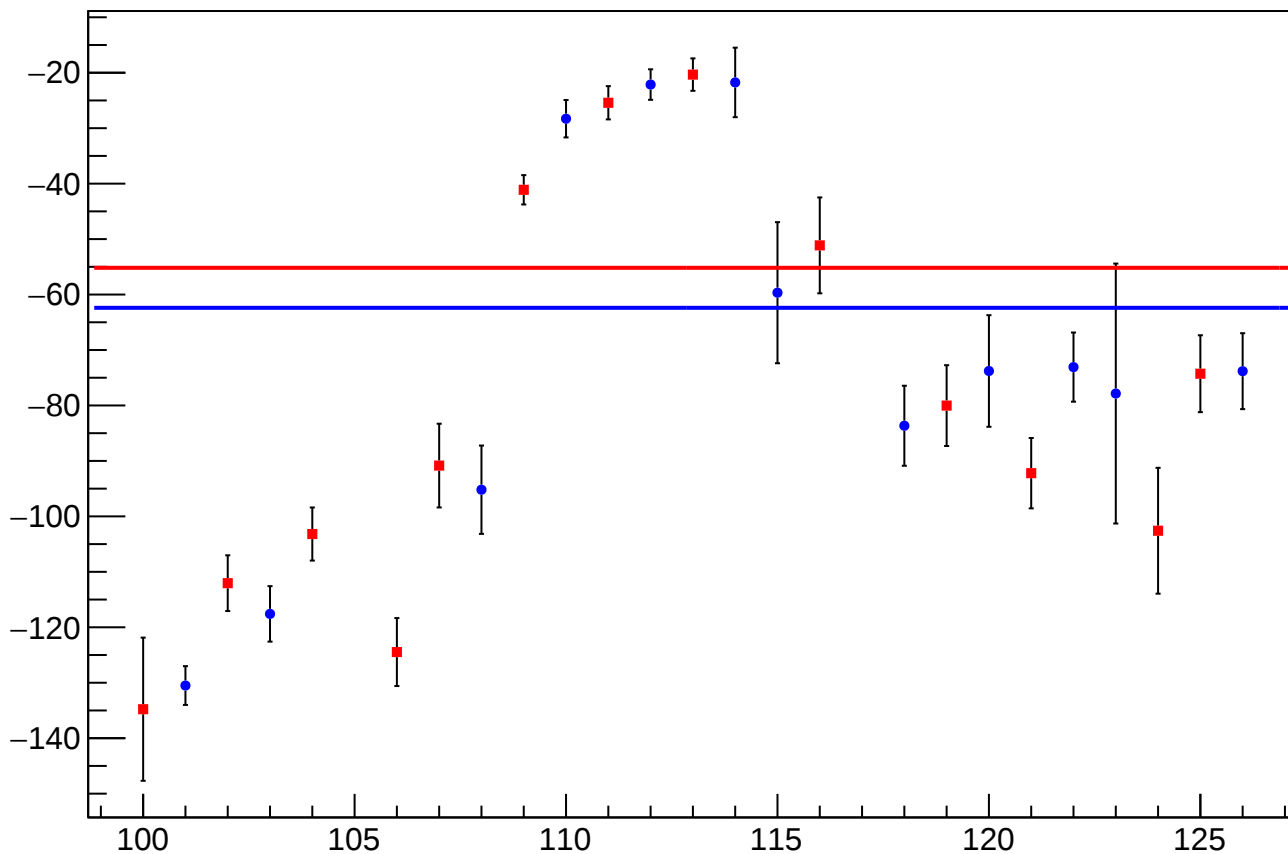
Right: -0.934 ± 0.028 χ^2/NDF : 155.4/24

In: -0.869 ± 0.041 χ^2/NDF : 28.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.934 ± 0.028 χ^2/NDF : 155.4/24

reg_asym_sam4_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -62.390 $\pm$ 1.463 χ^2 /NDF: 892.7/11

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

Right Out: -55.176 $\pm$ 1.302 χ^2 /NDF: 756.5/12

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

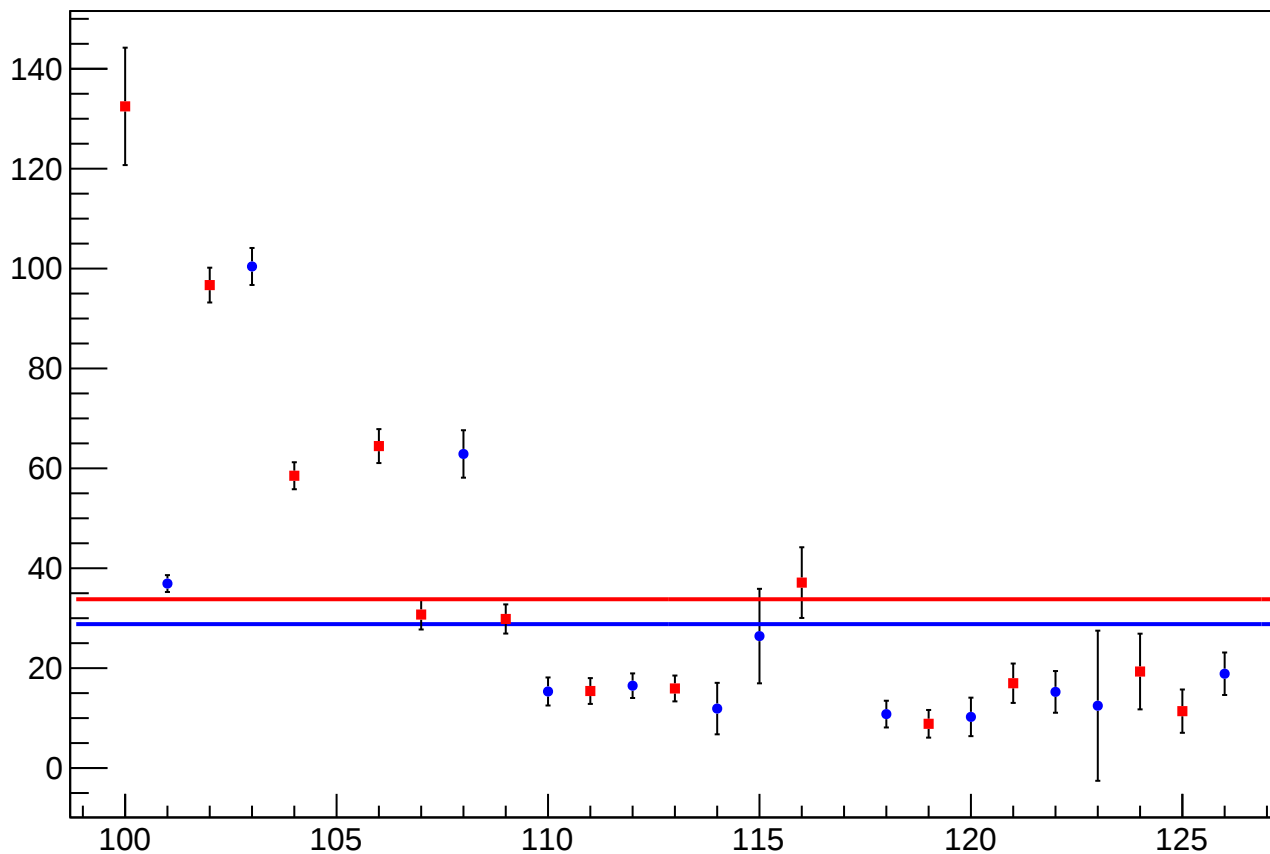
Right: -58.364 $\pm$ 0.973 χ^2 /NDF: 1662.8/24

In: -62.390 $\pm$ 1.463 χ^2 /NDF:892.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -58.364 $\pm$ 0.973 χ^2 /NDF: 1662.8/24

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 28.812 $\pm$ 0.940 χ^2 /NDF: 592.9/11

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

Right Out: 33.794 $\pm$ 0.942 χ^2 /NDF: 792.5/12

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

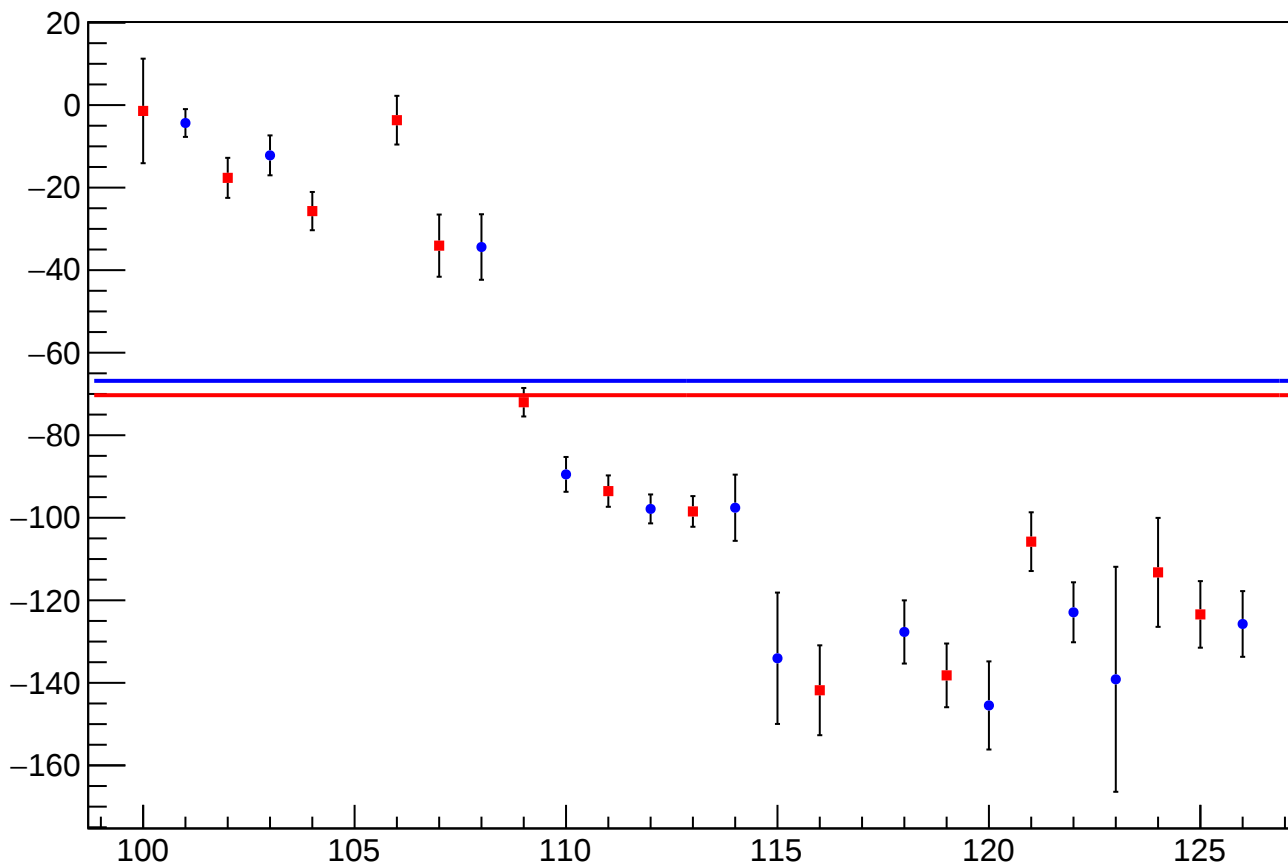
Right: 31.297 $\pm$ 0.665 χ^2 /NDF: 1399.4/24

In: 28.812 $\pm$ 0.940 χ^2 /NDF: 592.9/11

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

All: 31.297 $\pm$ 0.665 χ^2 /NDF: 1399.4/24

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -66.821+/-1.654 χ^2/NDF : 866.9/11

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

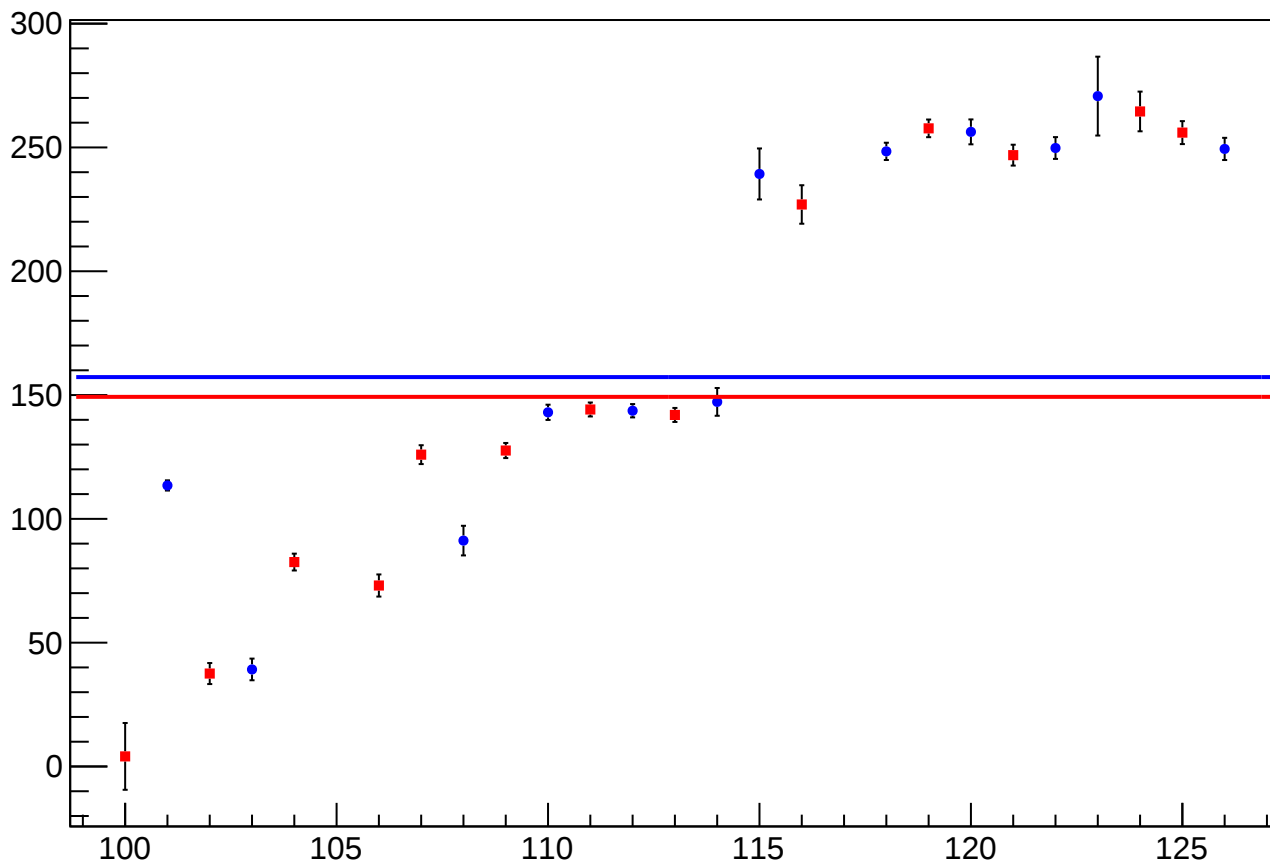
Right: -68.706+/-1.119 χ^2/NDF : 1554.3/24

In: -66.821+/-1.654 χ^2/NDF :866.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -68.706+/-1.119 χ^2/NDF : 1554.3/24

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 157.256+/-1.100 χ^2/NDF : 3399.4/11

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

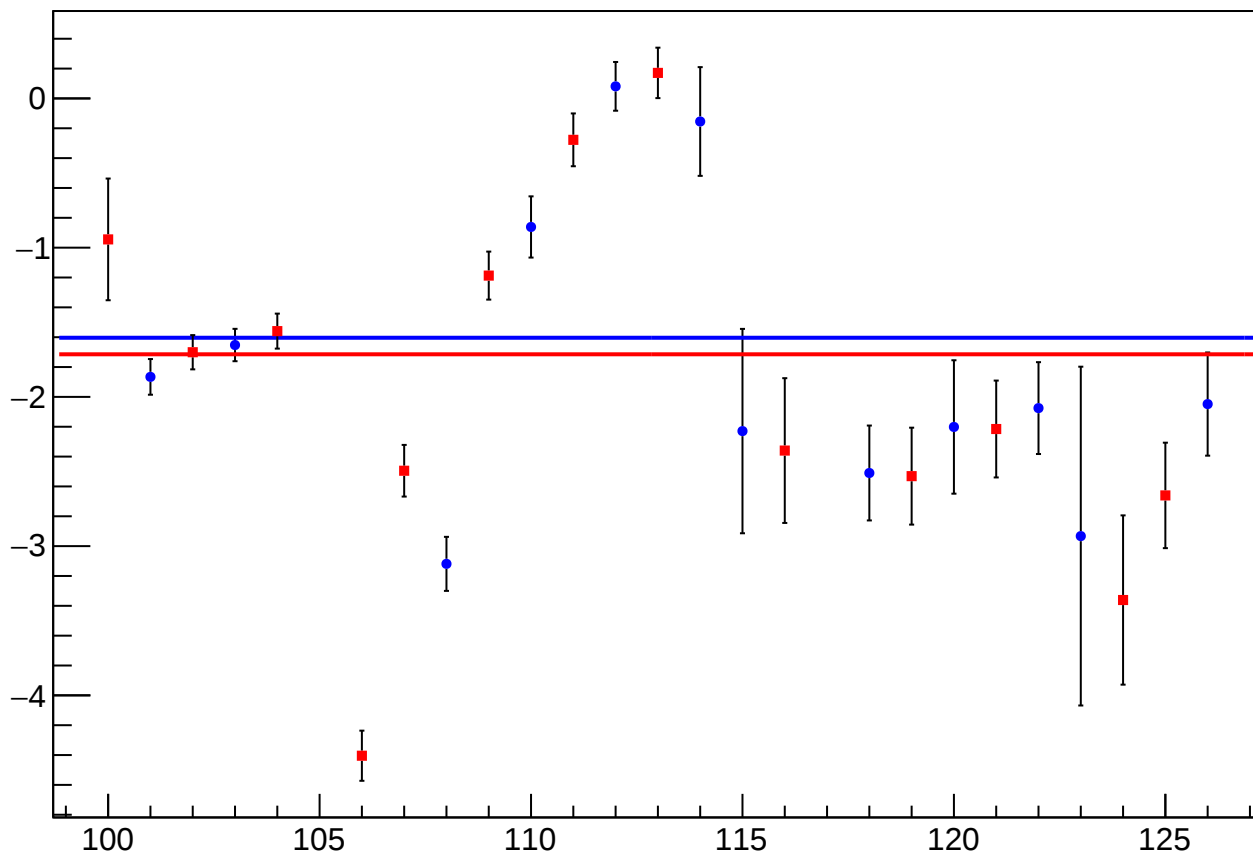
Right: 153.237+/-0.775 χ^2/NDF : 7304.1/24

In: 157.256+/-1.100 χ^2/NDF :3399.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 153.237+/-0.775 χ^2/NDF : 7304.1/24

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.604 ± 0.059 $\chi^2/\text{NDF}: 226.5/11$

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

Right Out: -1.715 ± 0.052 $\chi^2/\text{NDF}: 509.3/12$

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

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

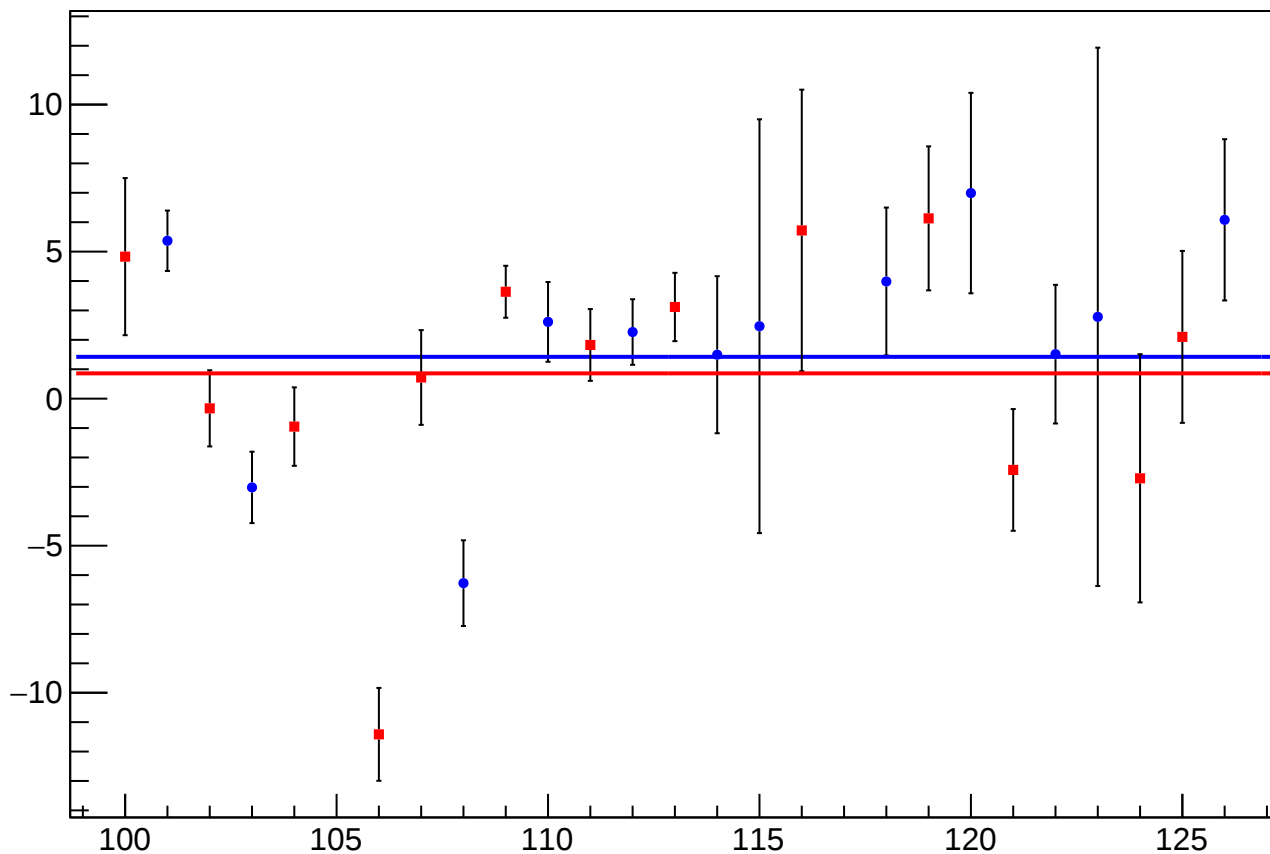
Right: -1.665 ± 0.039 $\chi^2/\text{NDF}: 737.8/24$

In: -1.604 ± 0.059 $\chi^2/\text{NDF}: 226.5/11$

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

All: -1.665 ± 0.039 $\chi^2/\text{NDF}: 737.8/24$

reg_asym_sam5_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.422+/-0.489 χ^2/NDF : 64.0/11

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

Right Out: 0.860+/-0.431 χ^2/NDF : 88.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

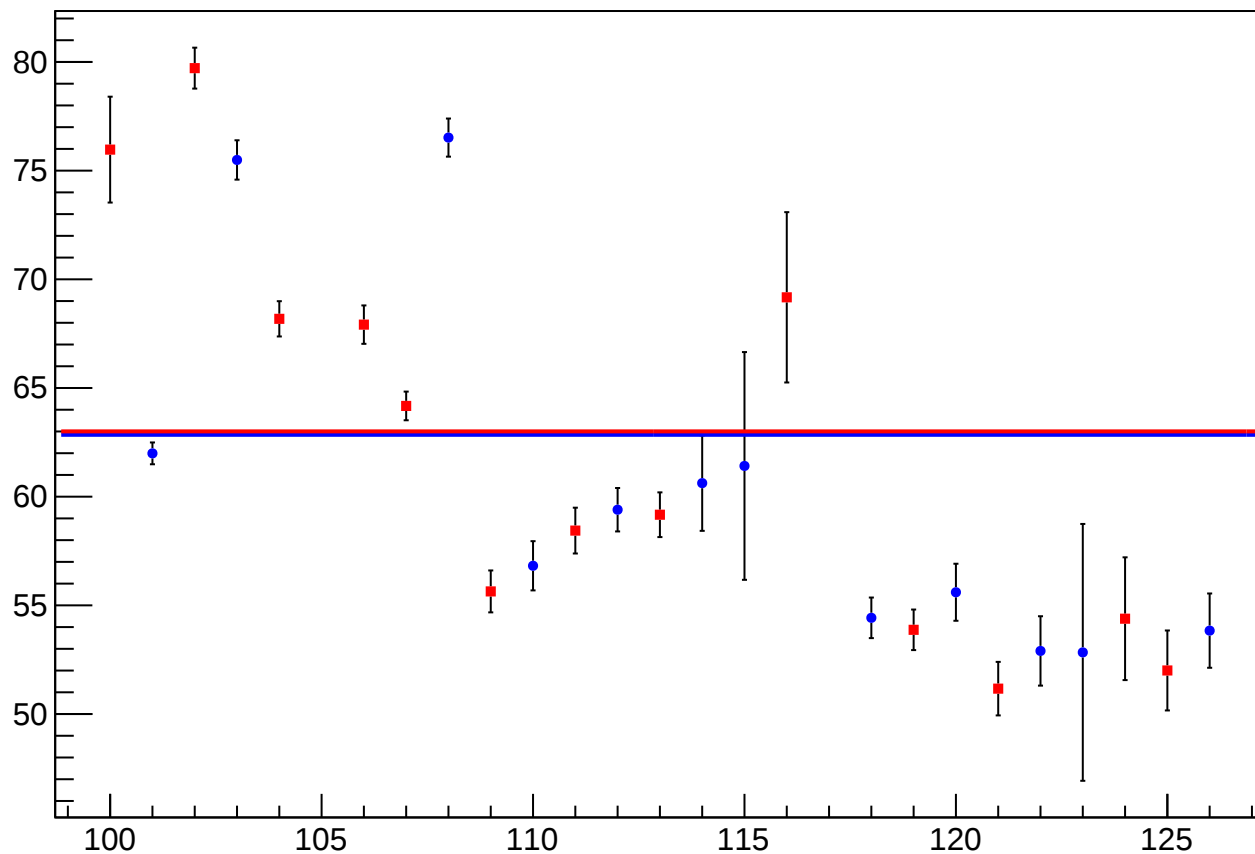
Right: 1.105+/-0.323 χ^2/NDF : 153.4/24

In: 1.422+/-0.489 χ^2/NDF : 64.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.105+/-0.323 χ^2/NDF : 153.4/24

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 62.847+/-0.301 χ^2/NDF : 663.8/11

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

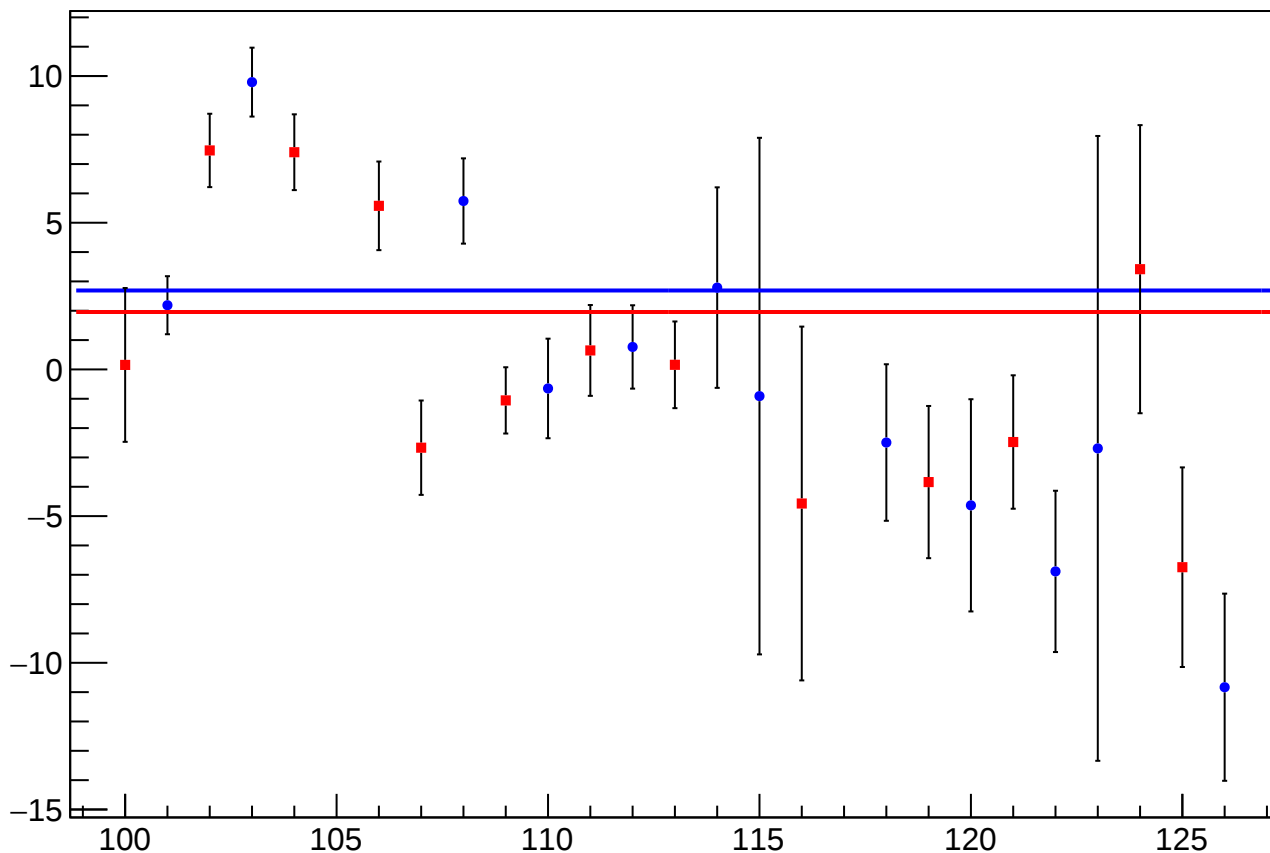
Right: 62.927+/-0.210 χ^2/NDF : 1408.8/24

In: 62.847+/-0.301 χ^2/NDF : 663.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.927+/-0.210 χ^2/NDF : 1408.8/24

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.690+/-0.526 χ^2/NDF : 85.4/11

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

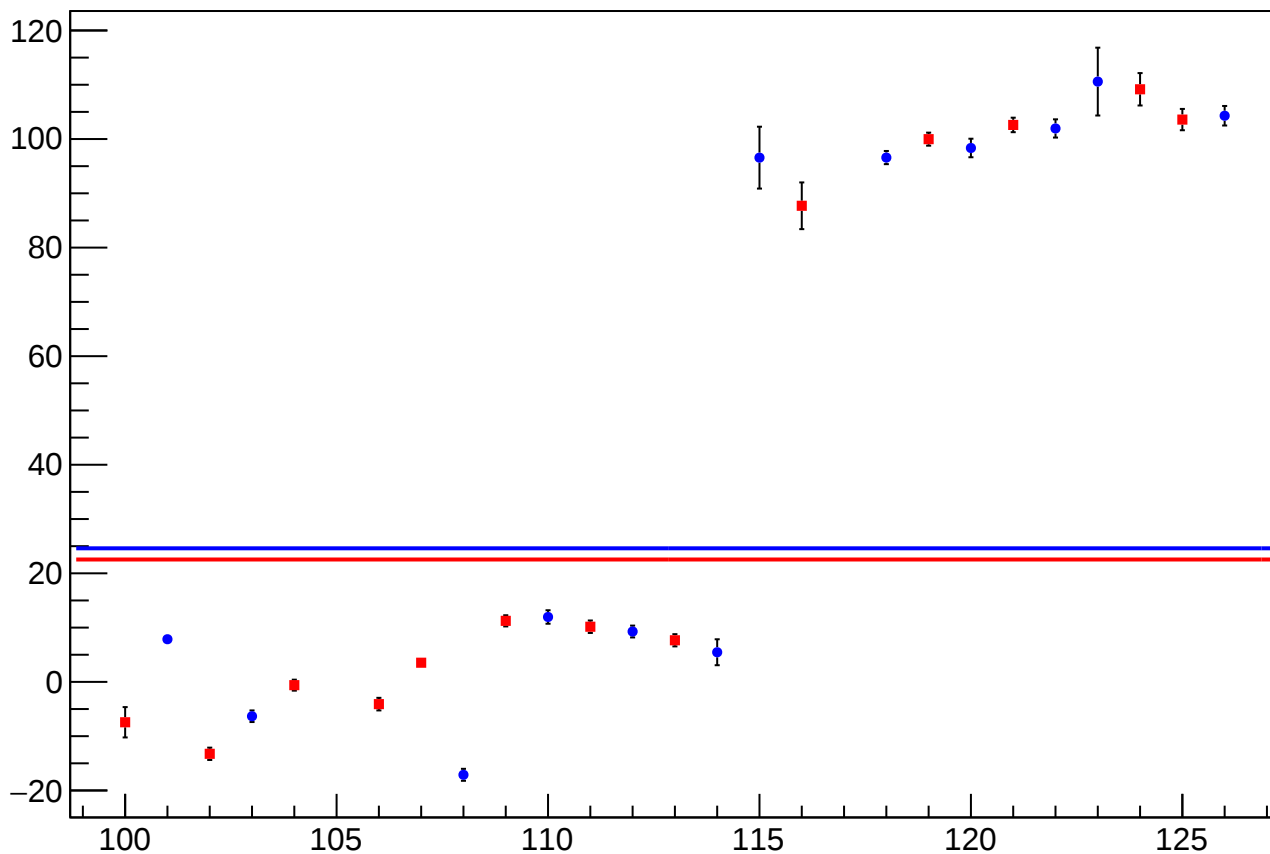
Right: 2.290+/-0.354 χ^2/NDF : 164.0/24

In: 2.690+/-0.526 χ^2/NDF : 85.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.290+/-0.354 χ^2/NDF : 164.0/24

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 24.606+/-0.359 χ^2/NDF : 13194.5/11

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

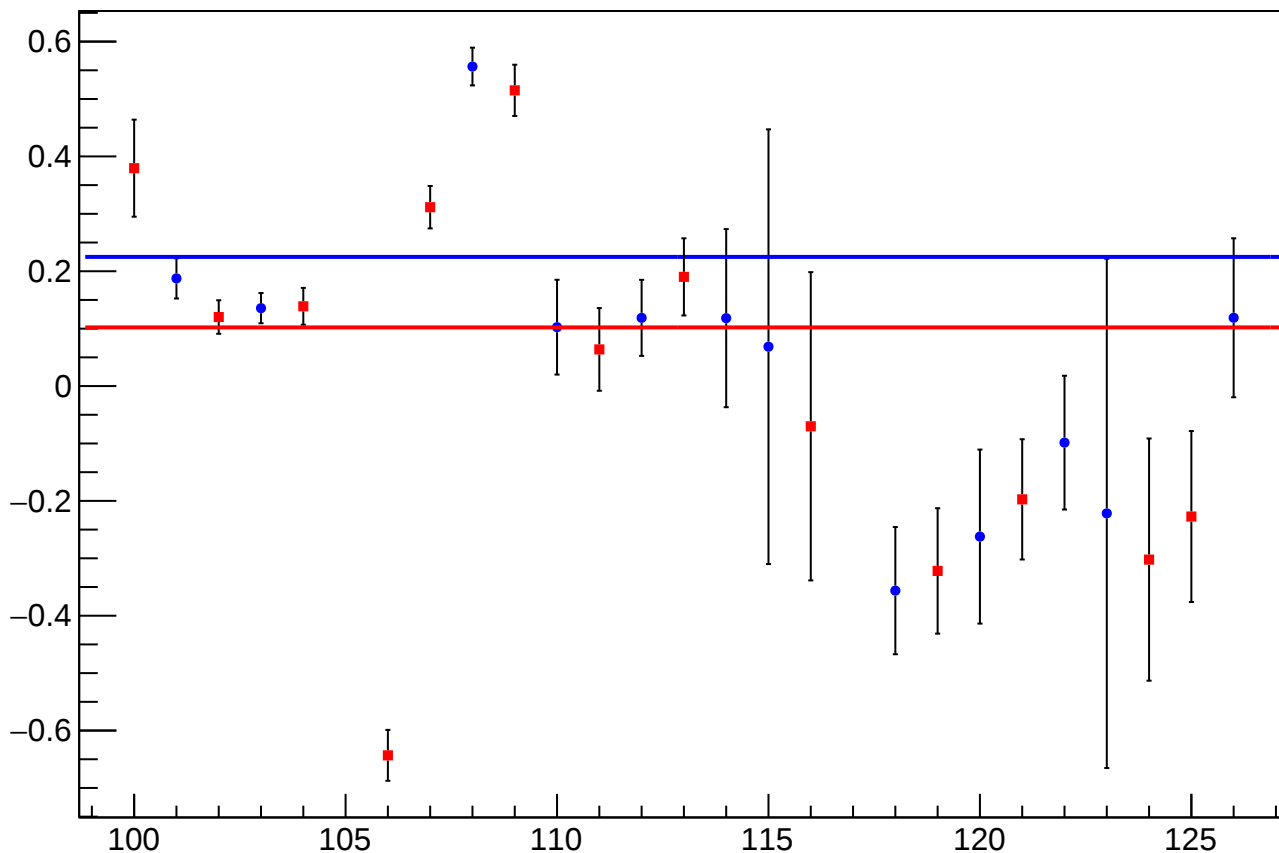
Right: 23.547+/-0.250 χ^2/NDF : 26836.5/24

In: 24.606+/-0.359 χ^2/NDF : 13194.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.547+/-0.250 χ^2/NDF : 26836.5/24

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.225 $\pm$ 0.016 χ^2 /NDF: 167.0/11

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

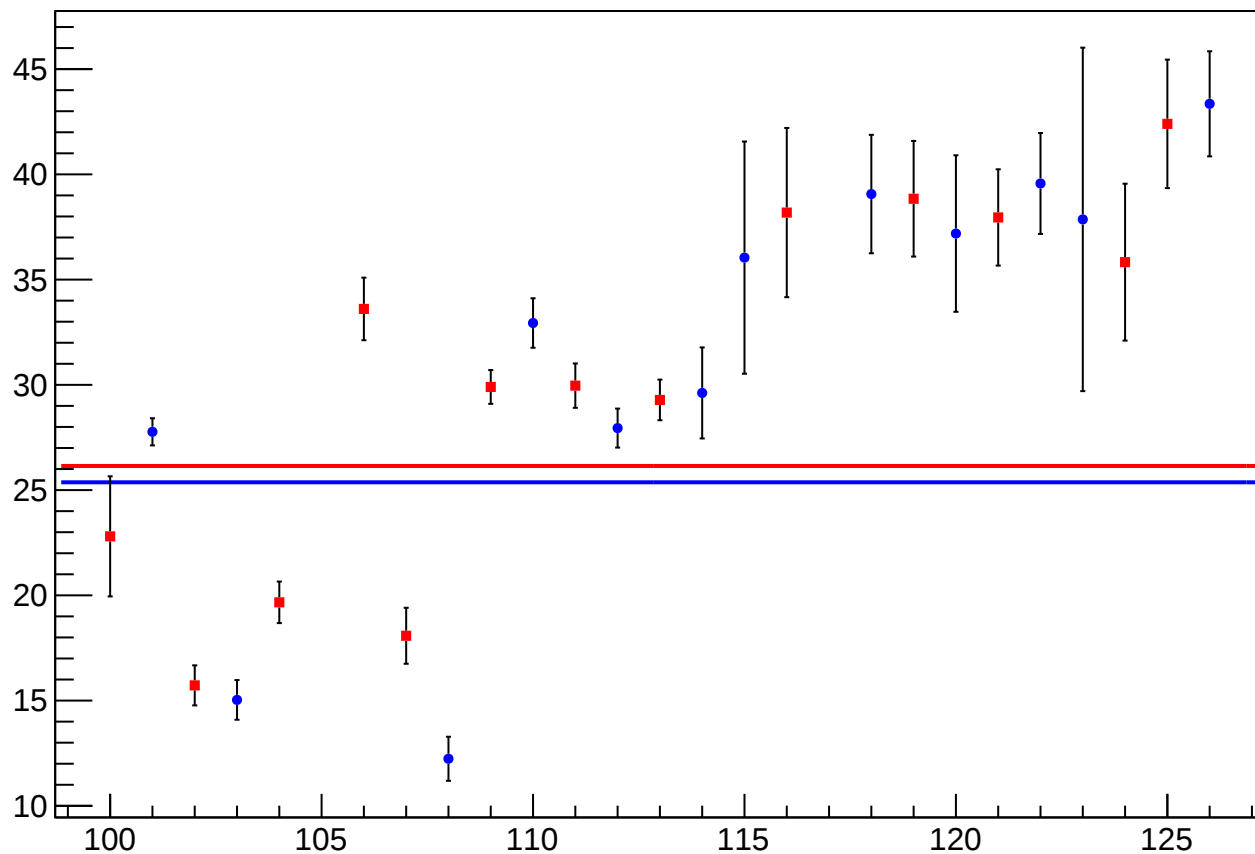
Right: 0.158 $\pm$ 0.011 χ^2 /NDF: 646.0/24

In: 0.225 $\pm$ 0.016 χ^2 /NDF:167.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.158 $\pm$ 0.011 χ^2 /NDF: 646.0/24

reg_asym_sam6_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 25.370+/-0.375 χ^2/NDF : 471.6/11

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

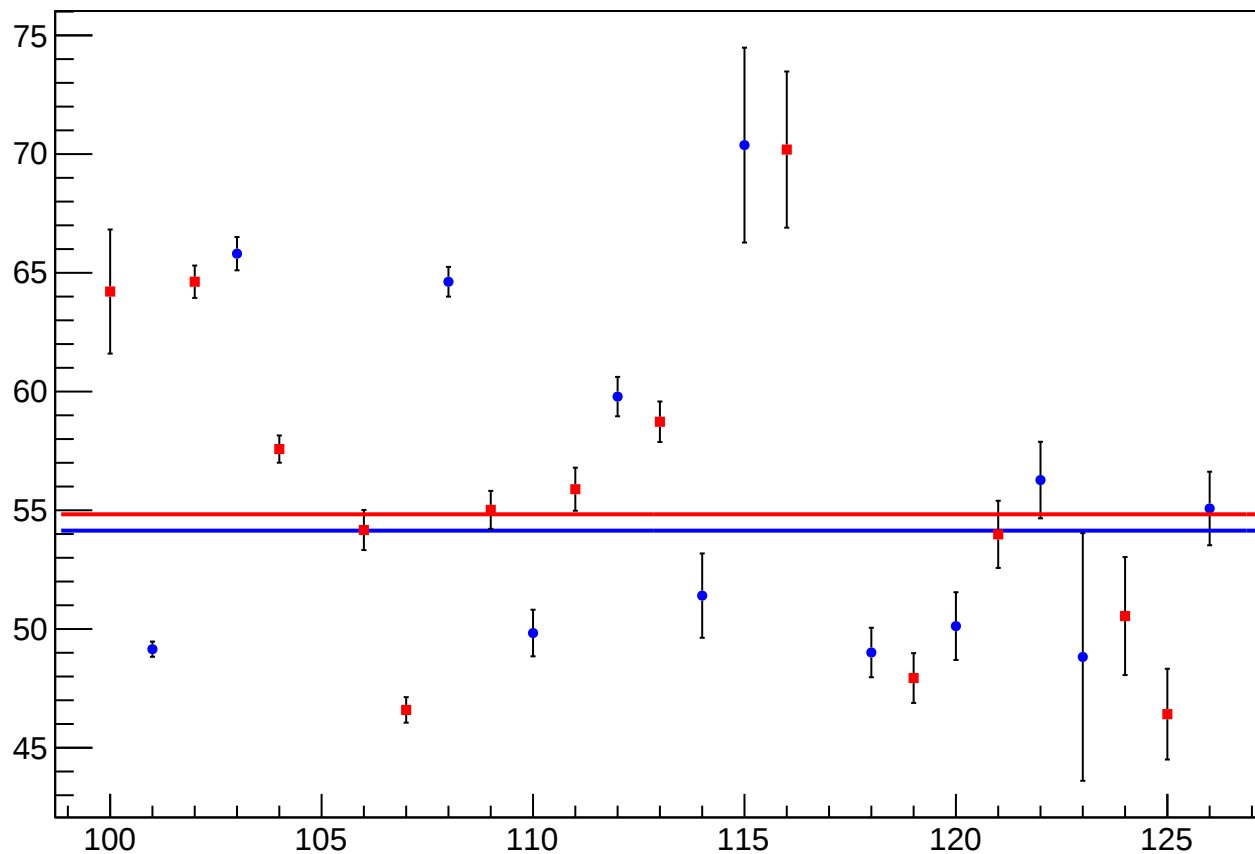
Right: 25.764+/-0.263 χ^2/NDF : 837.8/24

In: 25.370+/-0.375 χ^2/NDF : 471.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.764+/-0.263 χ^2/NDF : 837.8/24

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 54.143+/-0.227 χ^2/NDF : 919.5/11

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

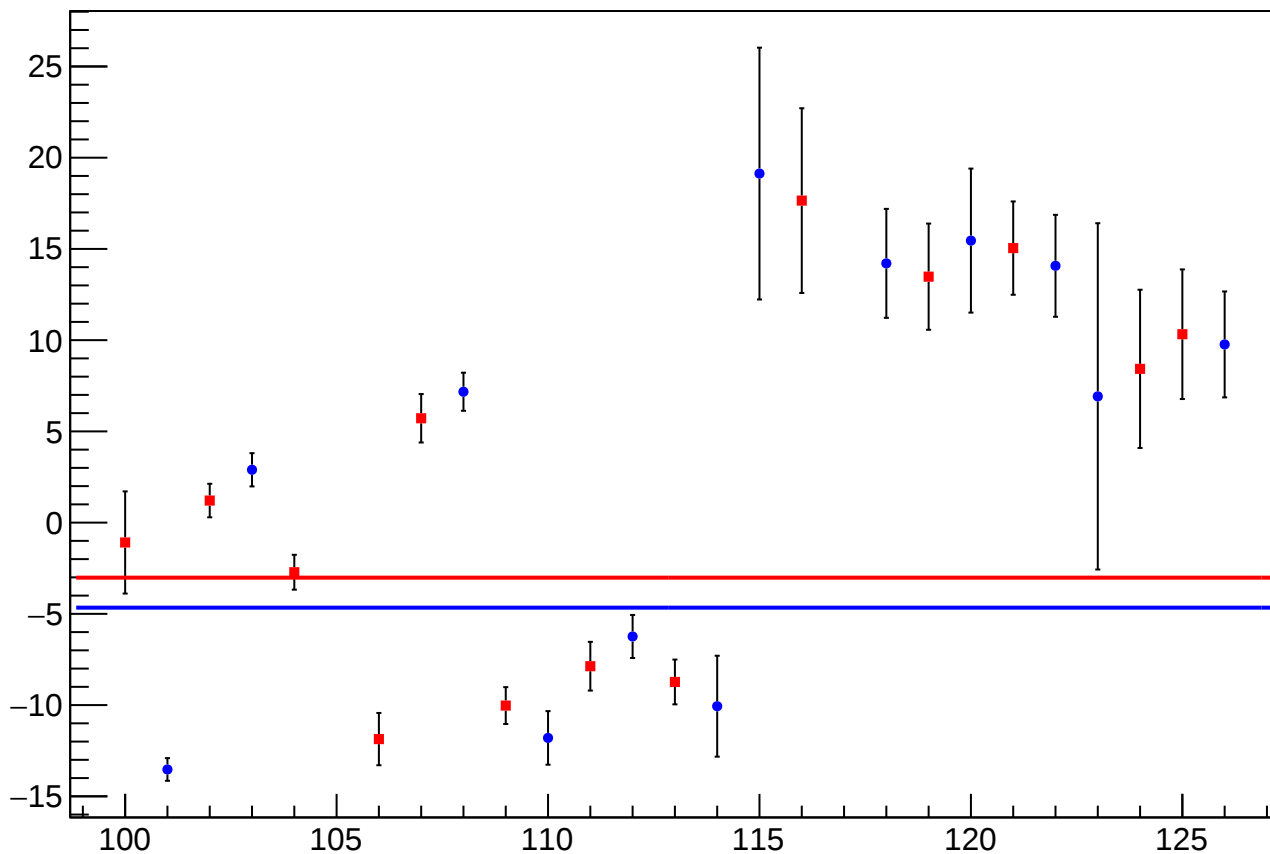
Right: 54.457+/-0.167 χ^2/NDF : 1511.5/24

In: 54.143+/-0.227 χ^2/NDF : 919.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.457+/-0.167 χ^2/NDF : 1511.5/24

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.660 ± 0.393 χ^2/NDF : 579.0/11

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

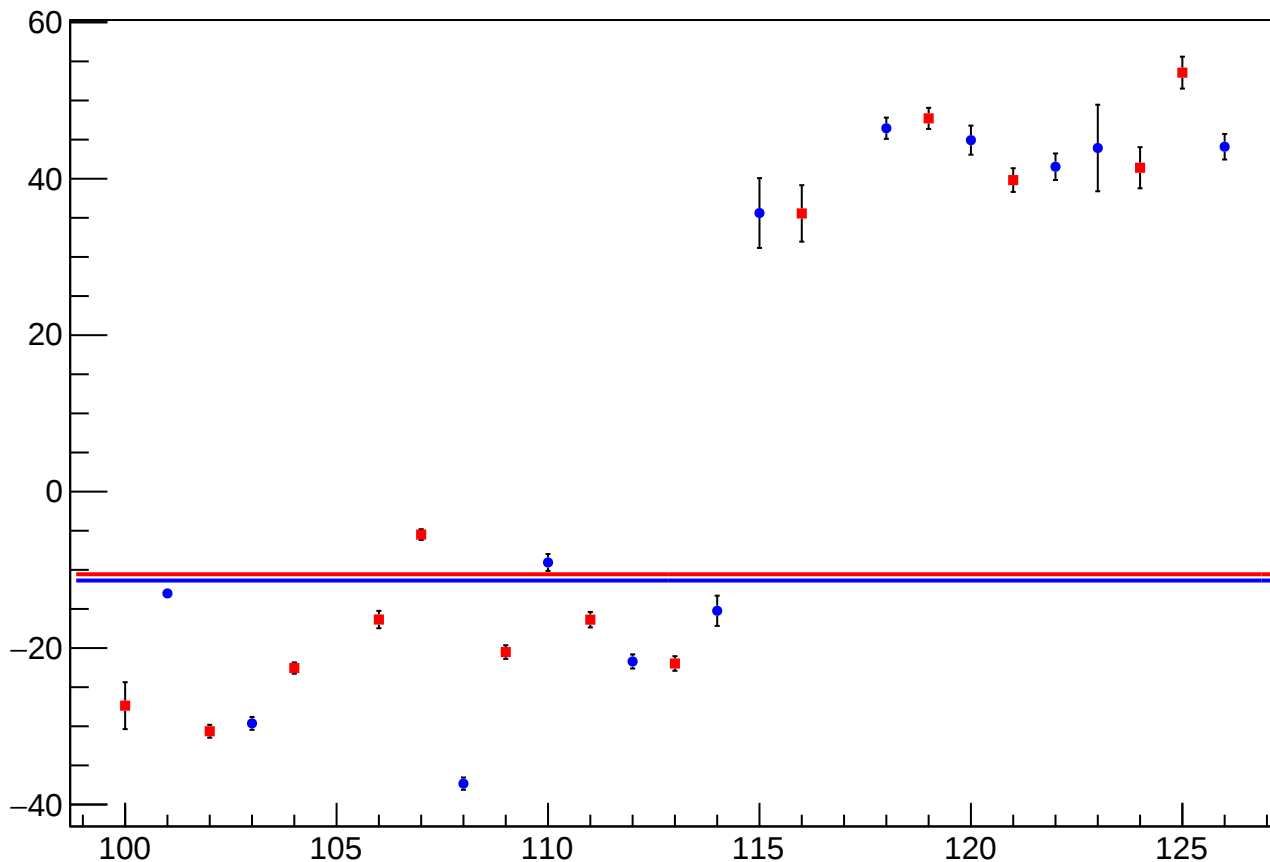
Right: -3.862 ± 0.282 χ^2/NDF : 893.6/24

In: -4.660 ± 0.393 χ^2/NDF : 579.0/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.862 ± 0.282 χ^2/NDF : 893.6/24

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.366 ± 0.271 χ^2/NDF : 6794.6/11

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

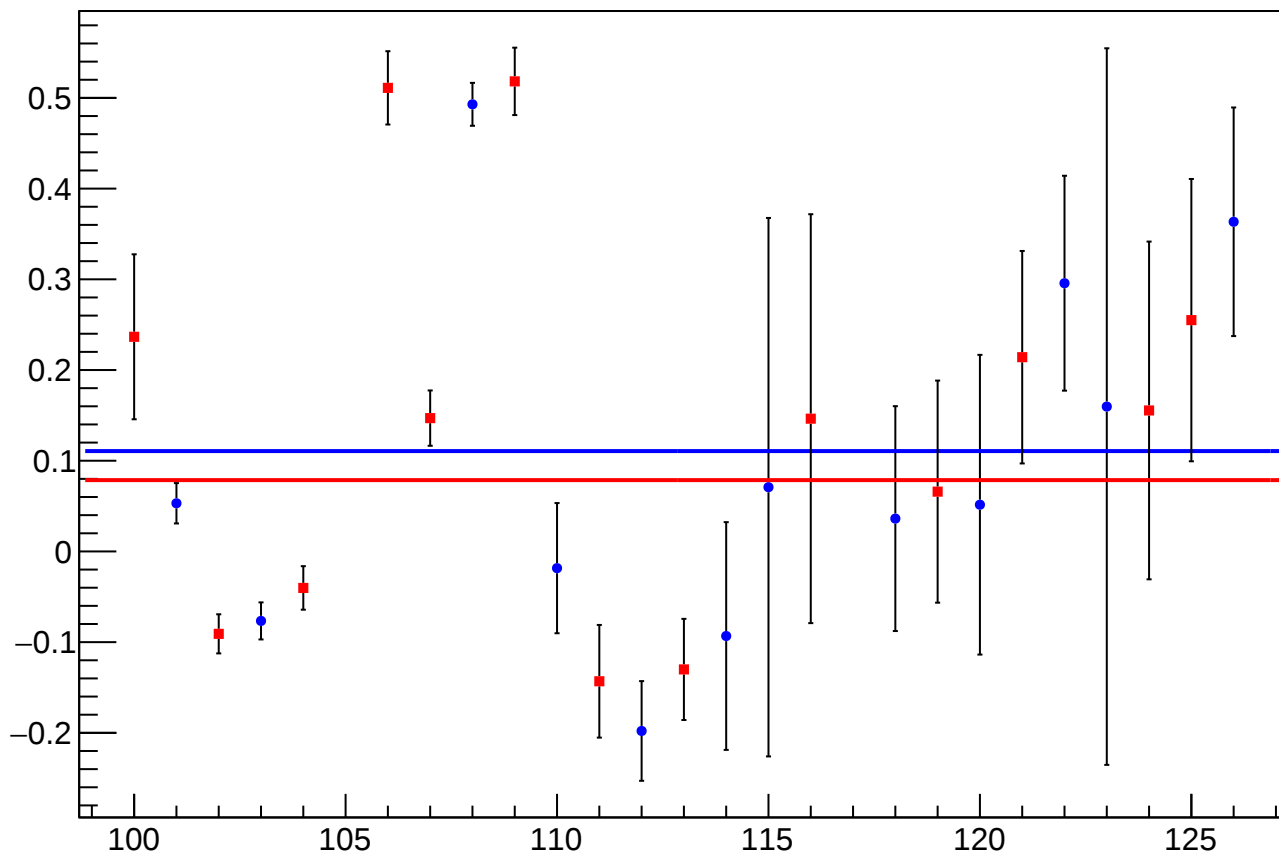
Right: -11.001 ± 0.200 χ^2/NDF : 12606.7/24

In: -11.366 ± 0.271 χ^2/NDF : 6794.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.001 ± 0.200 χ^2/NDF : 12606.7/24

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.111+/-0.012 χ^2/NDF : 396.3/11

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

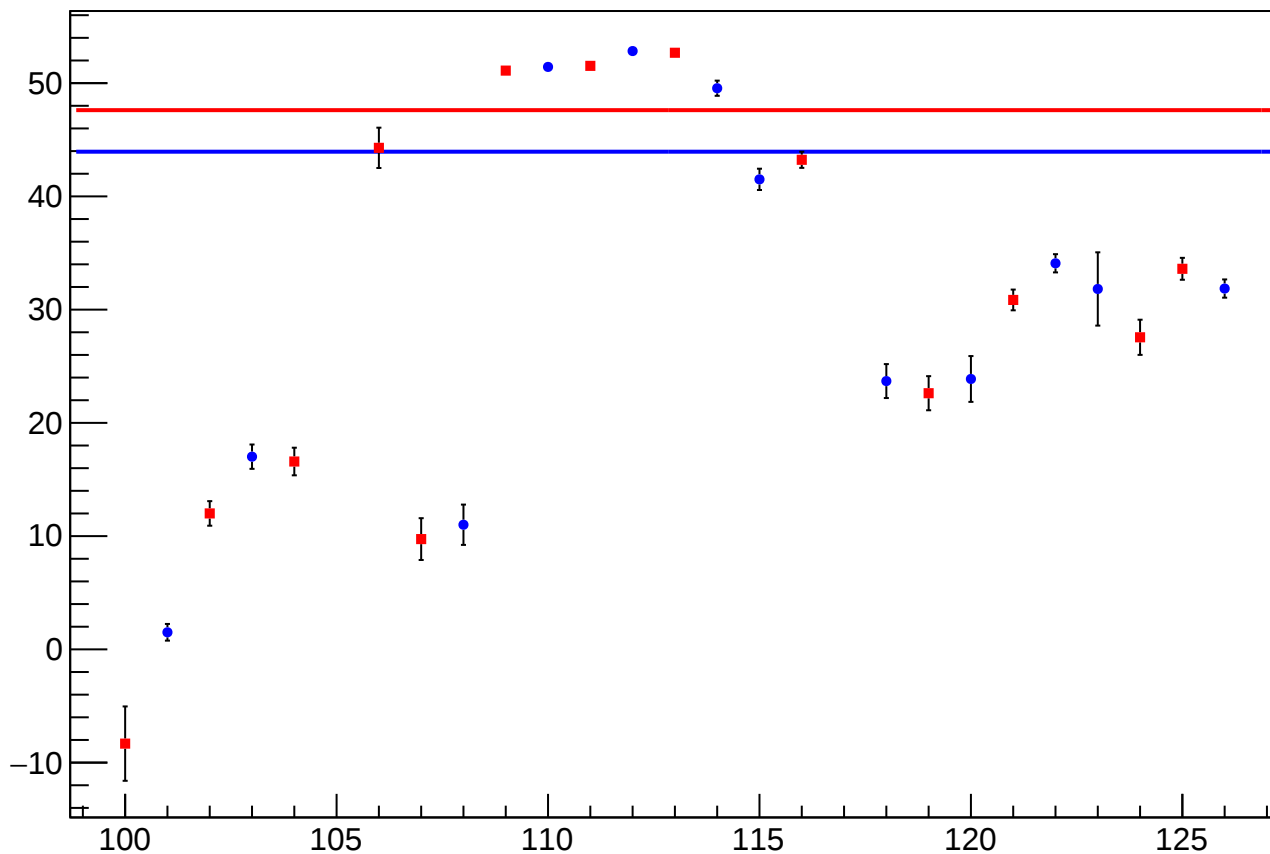
Right: 0.094+/-0.008 χ^2/NDF : 778.5/24

In: 0.111+/-0.012 χ^2/NDF : 396.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.094+/-0.008 χ^2/NDF : 778.5/24

reg_asym_sam7_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 43.946+/-0.188 χ^2/NDF : 6306.2/11

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

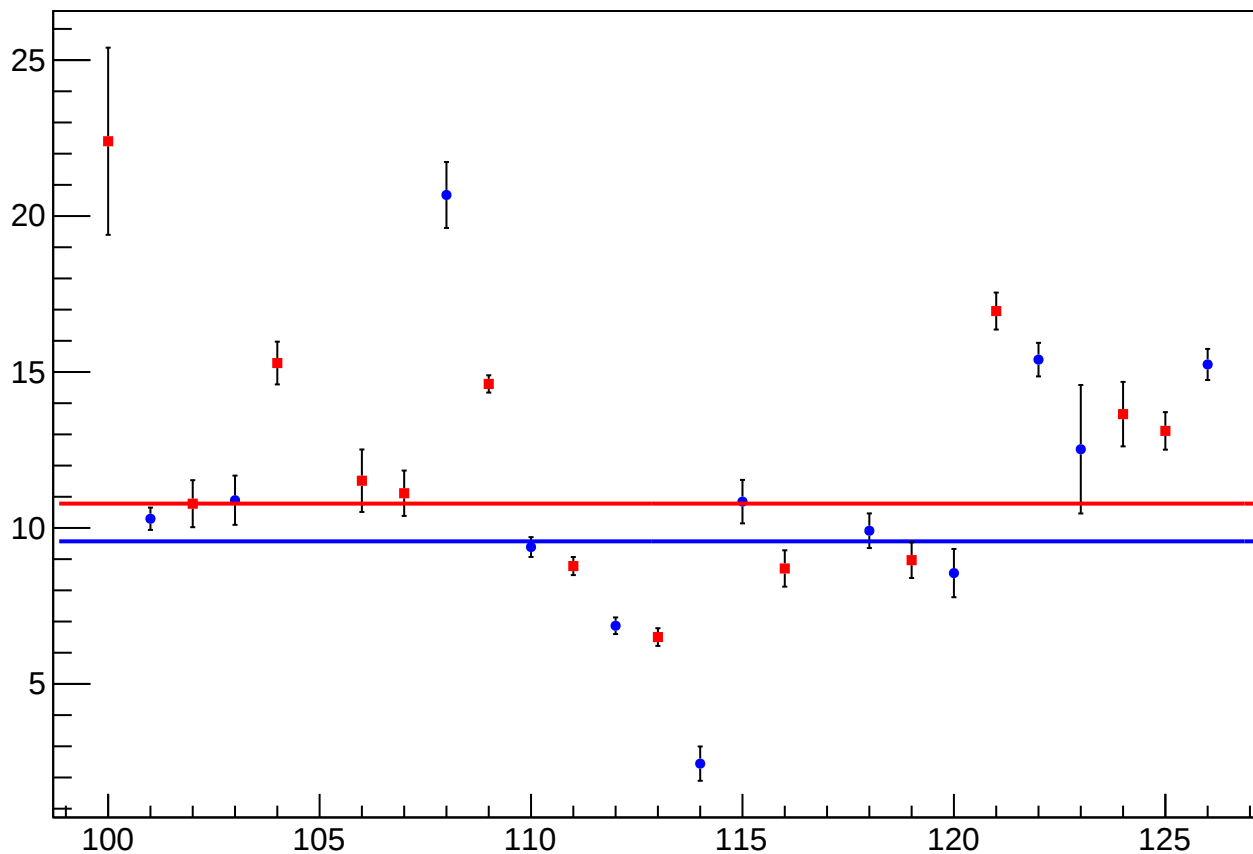
Right: 46.082+/-0.121 χ^2/NDF : 10544.6/24

In: 43.946+/-0.188 χ^2/NDF : 6306.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.082+/-0.121 χ^2/NDF : 10544.6/24

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.571+/-0.138 χ^2/NDF : 642.3/11

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

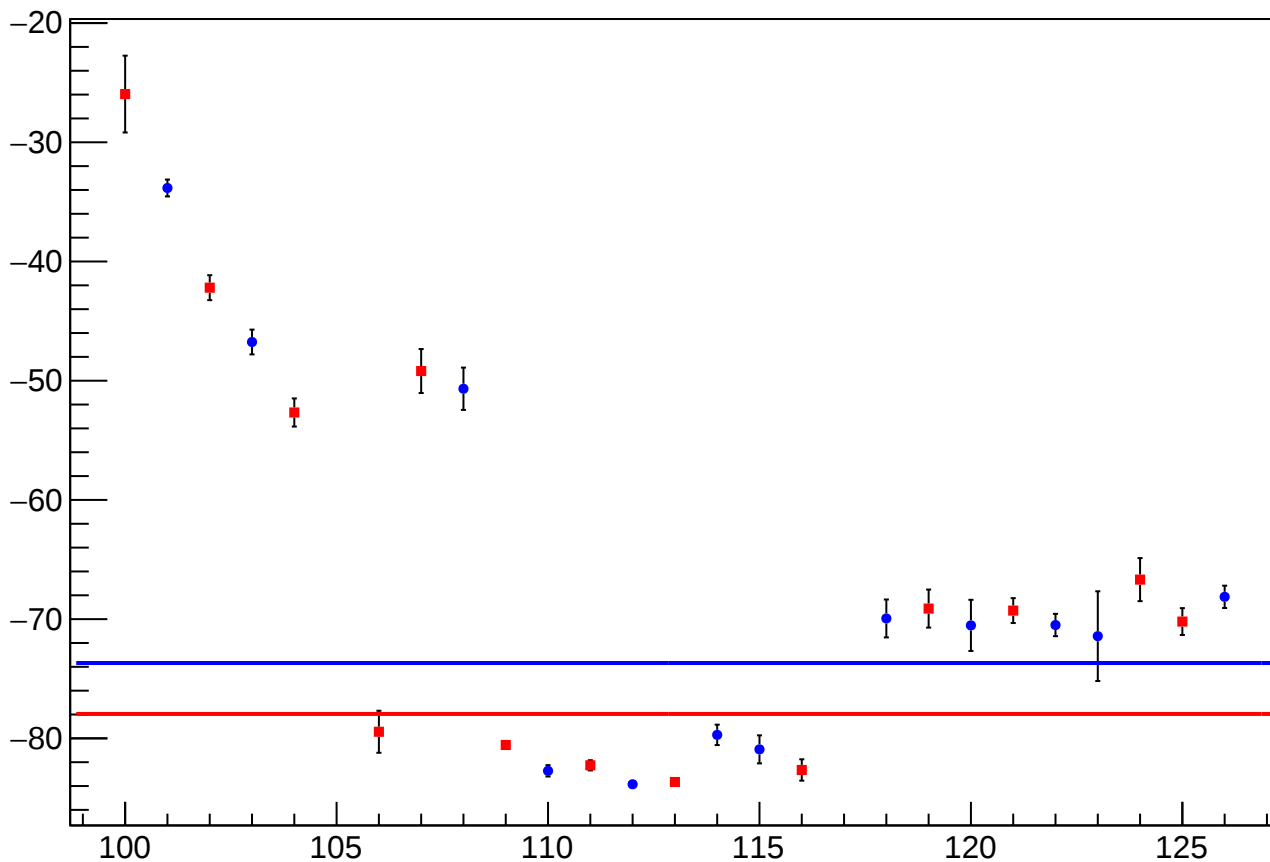
Right: 10.202+/-0.096 χ^2/NDF : 1362.5/24

In: 9.571+/-0.138 χ^2/NDF : 642.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.202+/-0.096 χ^2/NDF : 1362.5/24

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -73.679 $\pm$ 0.226 χ^2 /NDF: 5207.8/11

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

Right Out: -77.951 $\pm$ 0.198 χ^2 /NDF: 2696.2/12

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

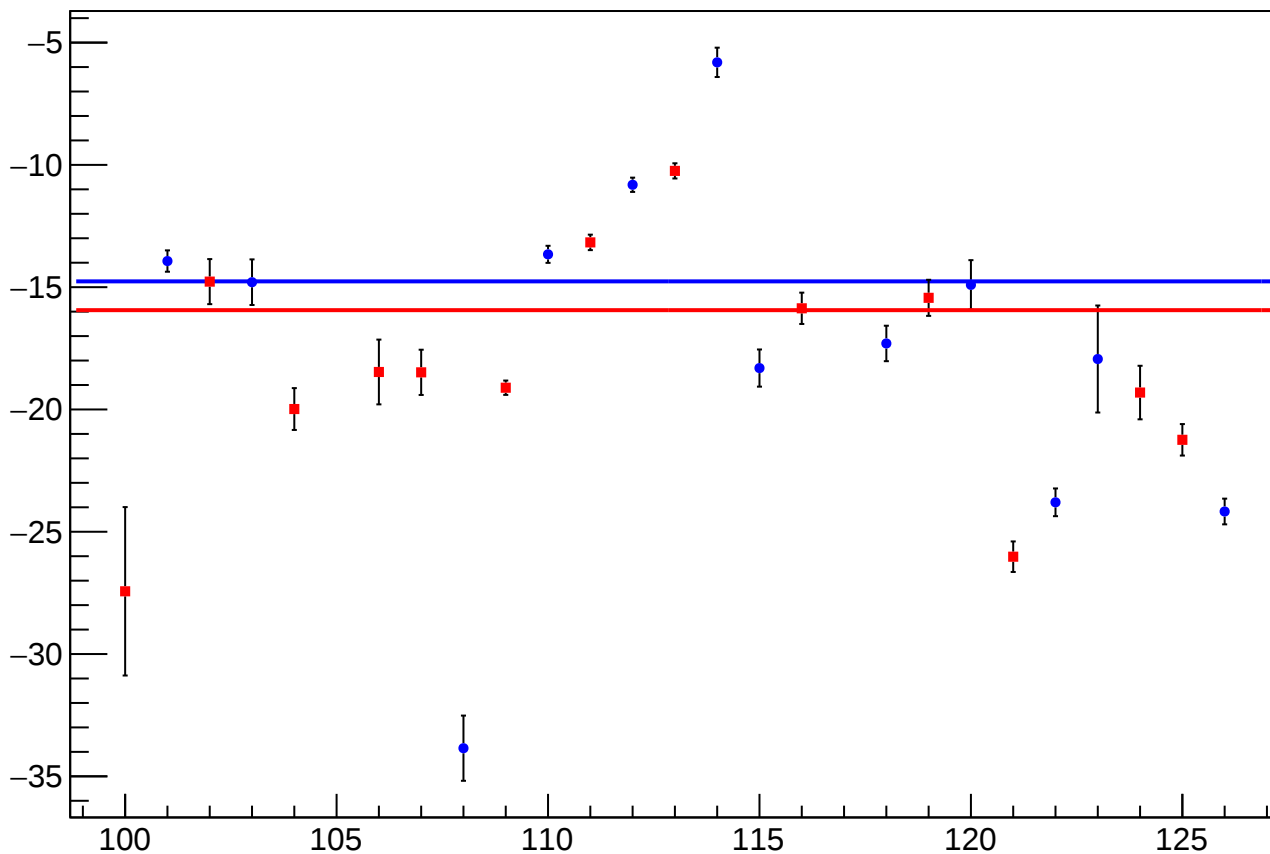
Right: -76.096 $\pm$ 0.149 χ^2 /NDF: 8106.3/24

In: -73.679 $\pm$ 0.226 χ^2 /NDF:5207.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -76.096 $\pm$ 0.149 χ^2 /NDF: 8106.3/24

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.763 $\pm$ 0.156 χ^2 /NDF: 1235.3/11

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

Right Out: -15.940 $\pm$ 0.147 χ^2 /NDF: 915.1/12

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

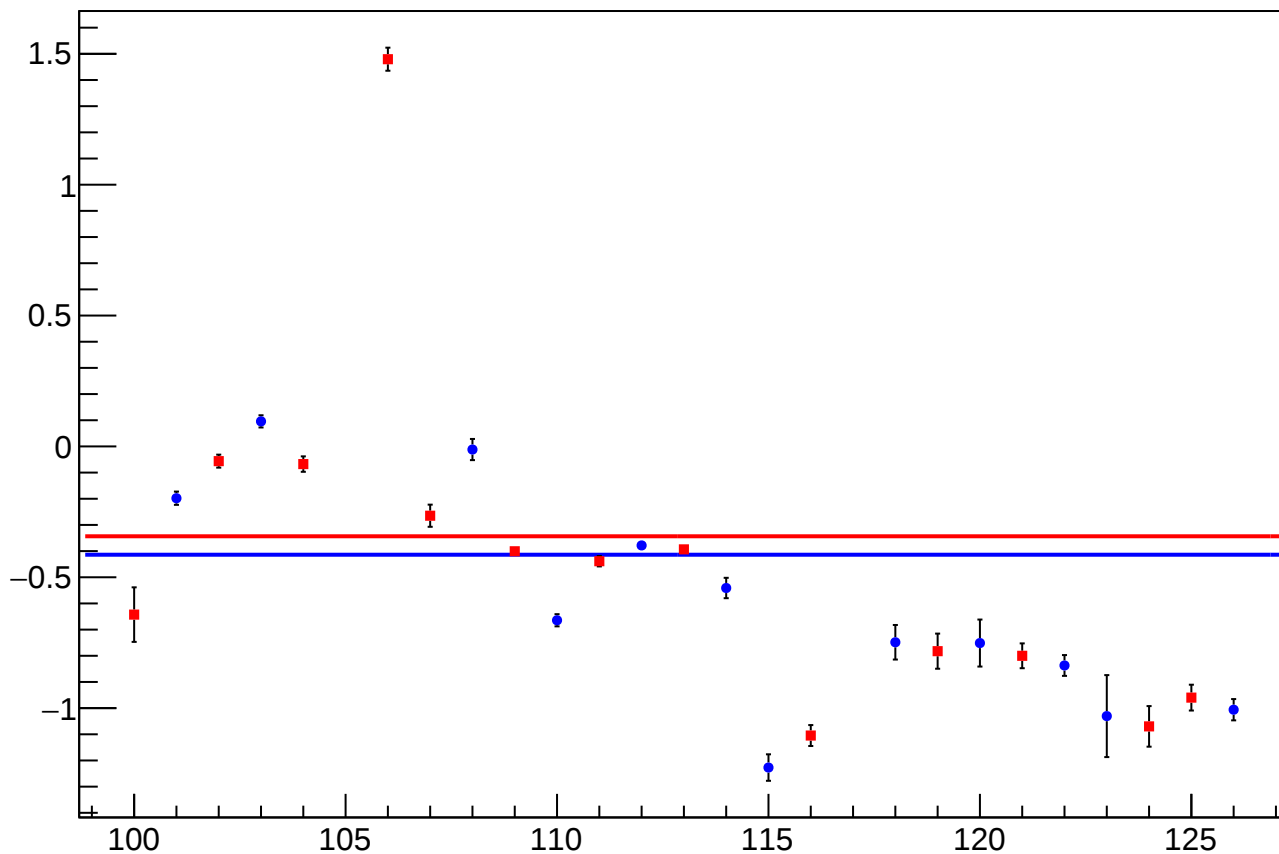
Right: -15.386 $\pm$ 0.107 χ^2 /NDF: 2180.7/24

In: -14.763 $\pm$ 0.156 χ^2 /NDF:1235.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -15.386 $\pm$ 0.107 χ^2 /NDF: 2180.7/24

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.414 ± 0.009 χ^2/NDF : 1418.8/11

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

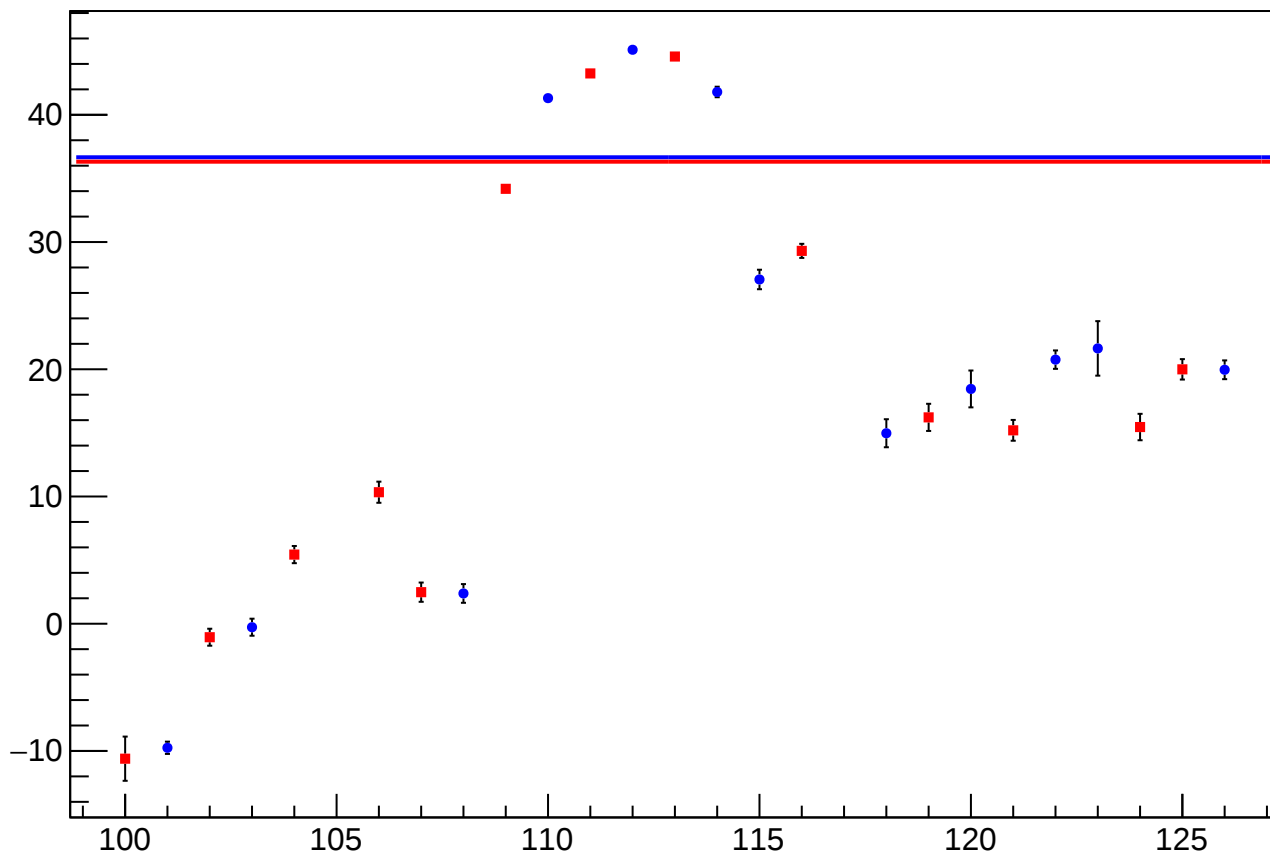
Right: -0.375 ± 0.006 χ^2/NDF : 4178.6/24

In: -0.414 ± 0.009 χ^2/NDF : 1418.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.375 ± 0.006 χ^2/NDF : 4178.6/24

reg_asym_sam8_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 36.662 $\pm$ 0.111 χ^2 /NDF: 19548.6/11

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

Right Out: 36.316 $\pm$ 0.090 χ^2 /NDF: 14783.8/12

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

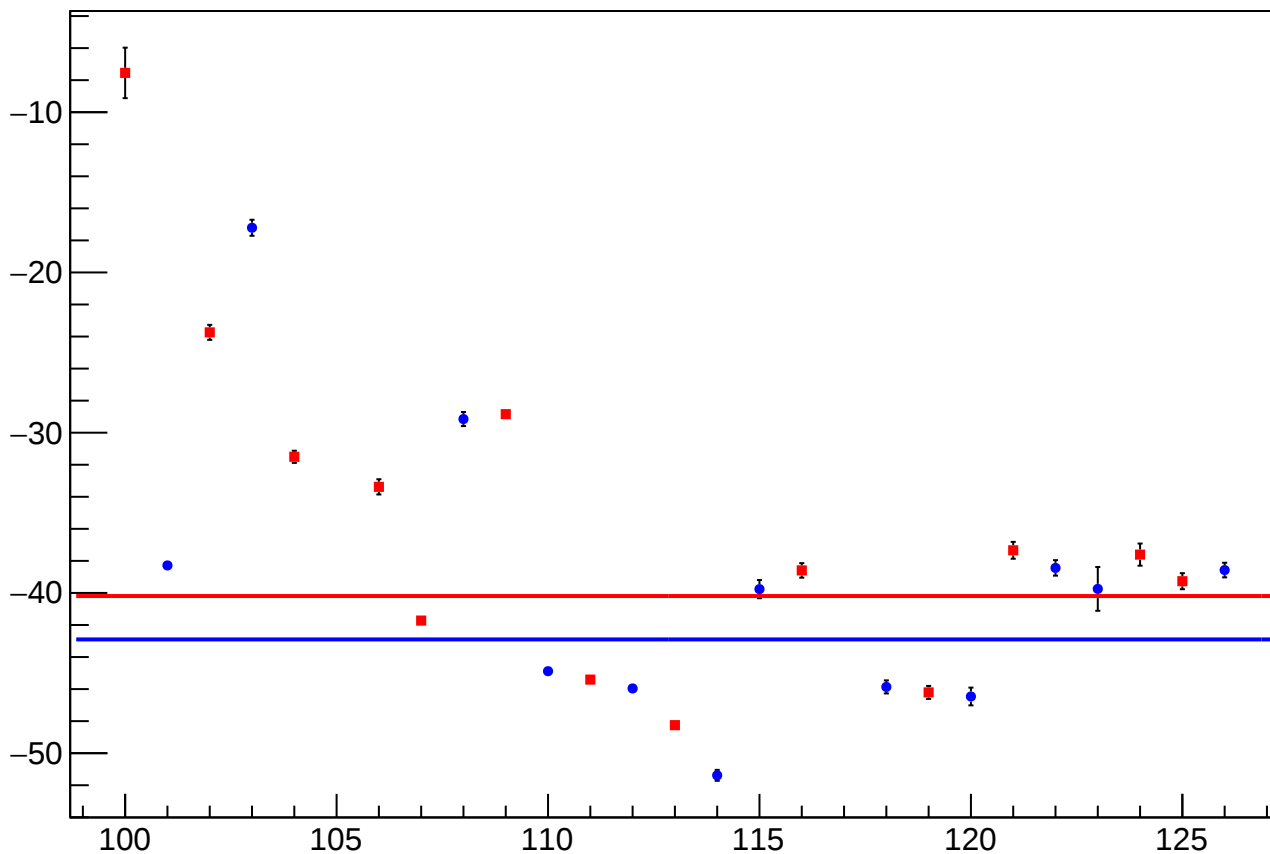
Right: 36.453 $\pm$ 0.070 χ^2 /NDF: 34338.3/24

In: 36.662 $\pm$ 0.111 χ^2 /NDF:19548.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 36.453 $\pm$ 0.070 χ^2 /NDF: 34338.3/24

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.901+/-0.085 χ^2/NDF : 5500.5/11

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

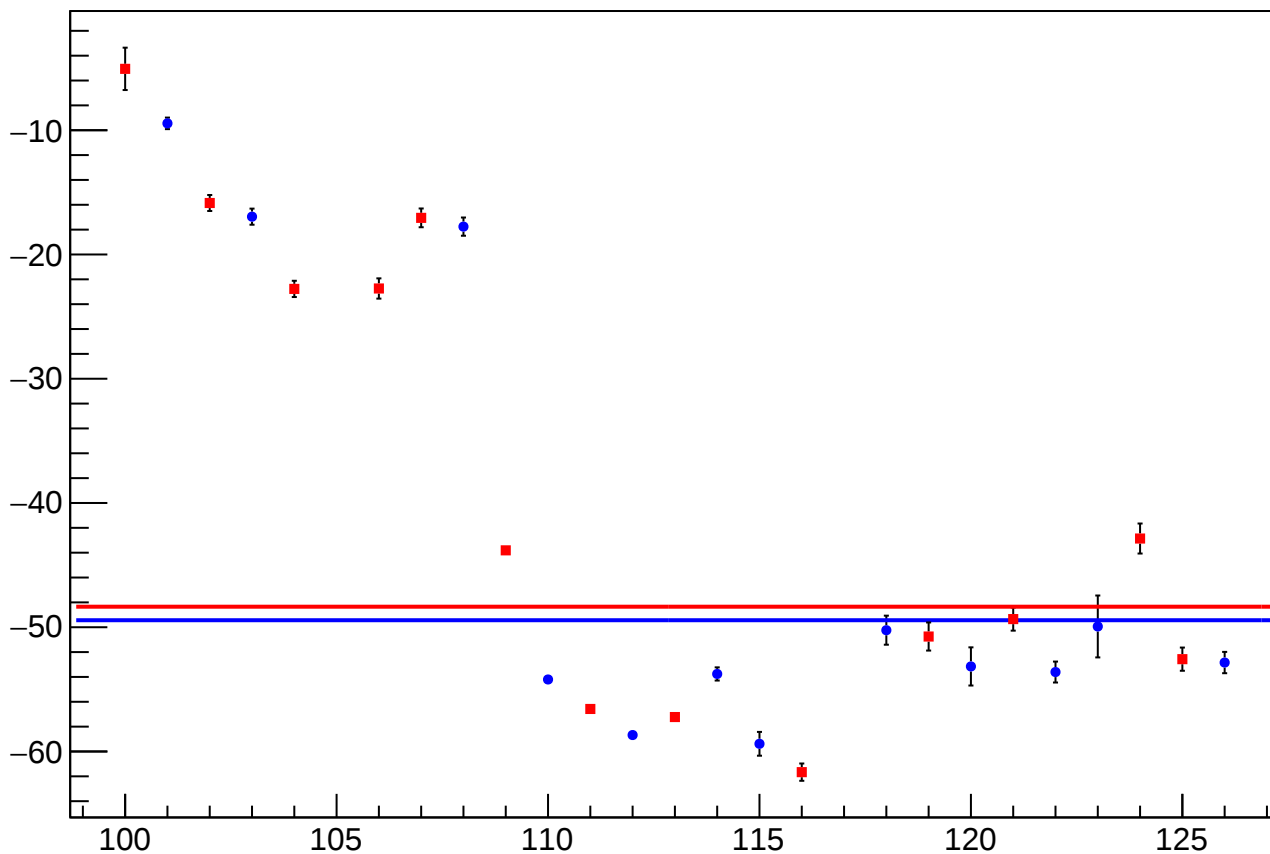
Right: -41.428+/-0.058 χ^2/NDF : 16813.0/24

In: -42.901+/-0.085 χ^2/NDF : 5500.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.428+/-0.058 χ^2/NDF : 16813.0/24

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -49.436+/-0.134 χ^2/NDF : 14309.4/11

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

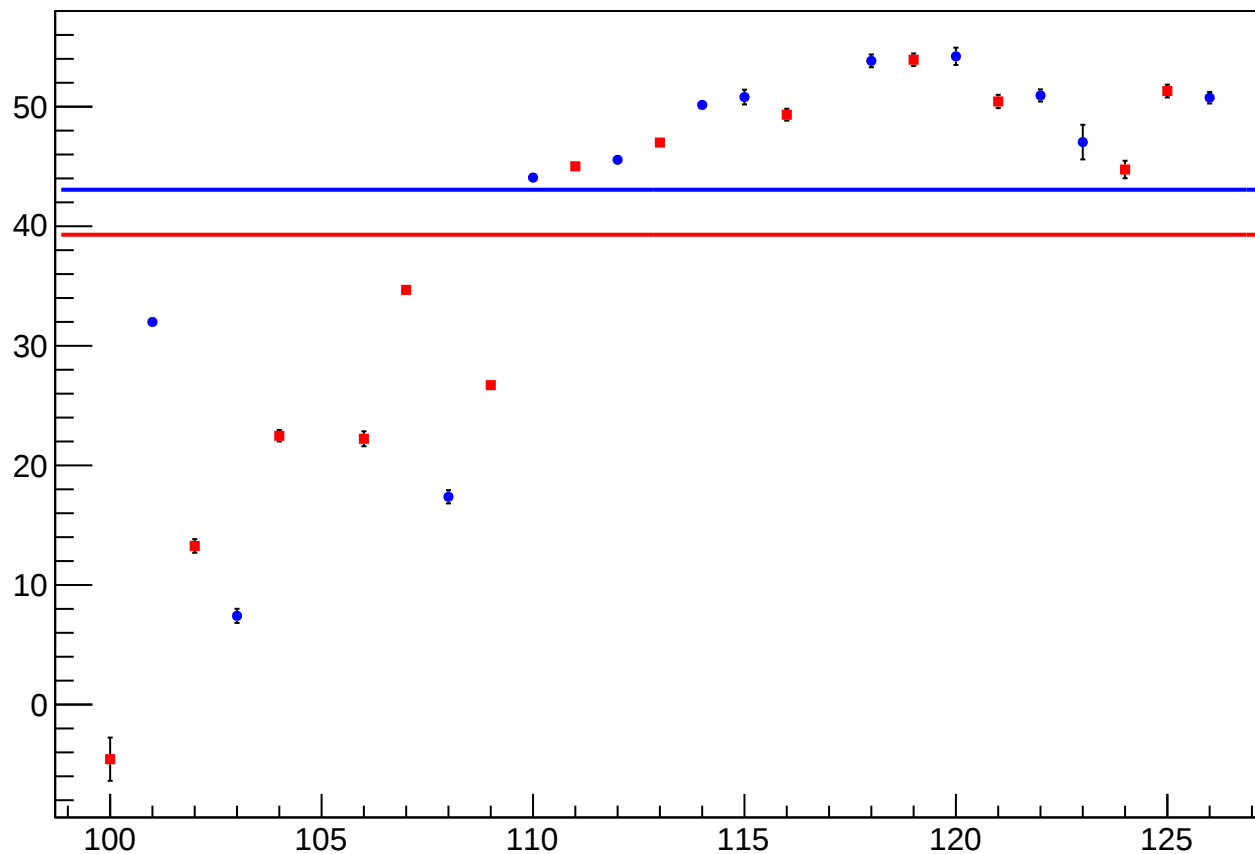
Right: -48.794+/-0.086 χ^2/NDF : 25587.5/24

In: -49.436+/-0.134 χ^2/NDF :14309.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -48.794+/-0.086 χ^2/NDF : 25587.5/24

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.055+/-0.096 χ^2/NDF : 9243.3/11

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

Right Out: 39.292+/-0.086 χ^2/NDF : 15126.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

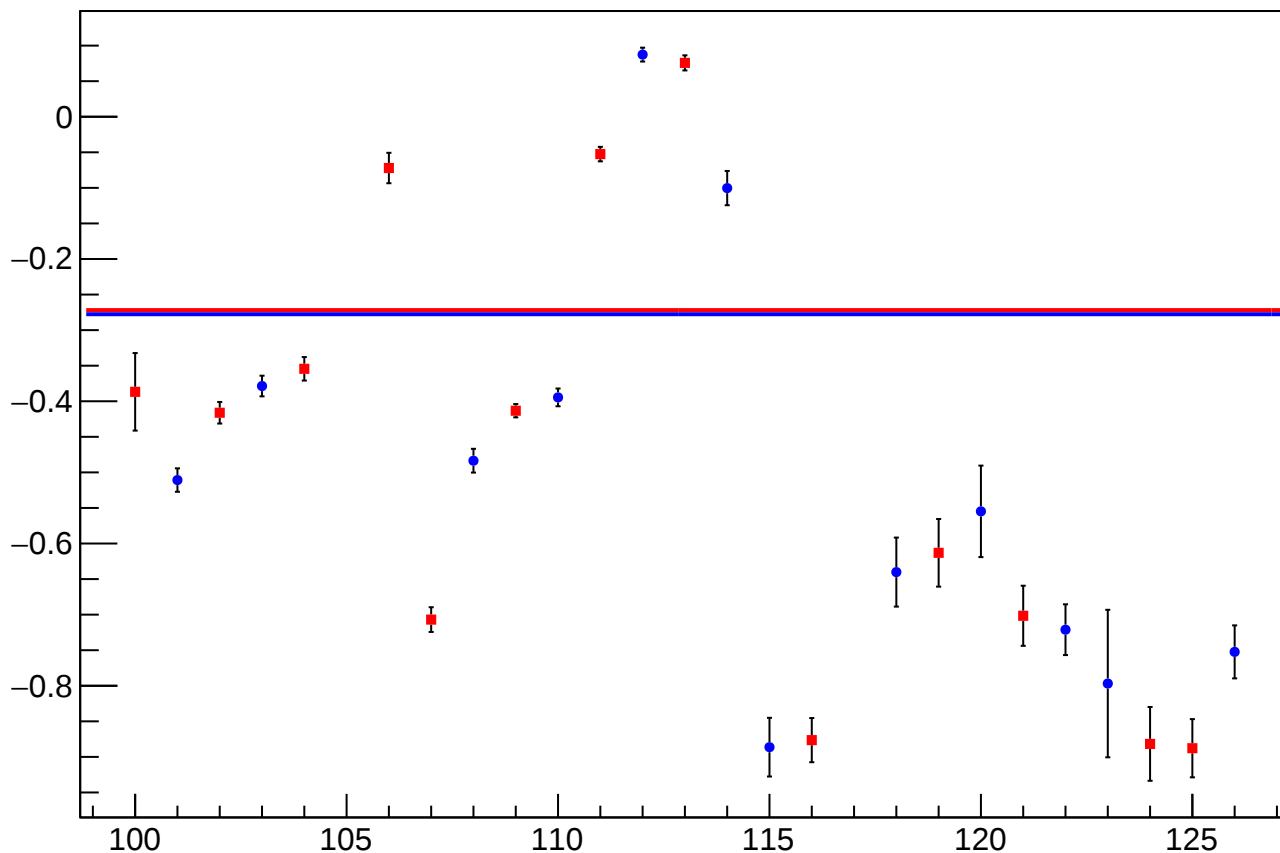
Right: 40.977+/-0.064 χ^2/NDF : 25223.4/24

In: 43.055+/-0.096 χ^2/NDF : 9243.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.977+/-0.064 χ^2/NDF : 25223.4/24

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.278+/-0.005 χ^2 /NDF: 2576.7/11

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

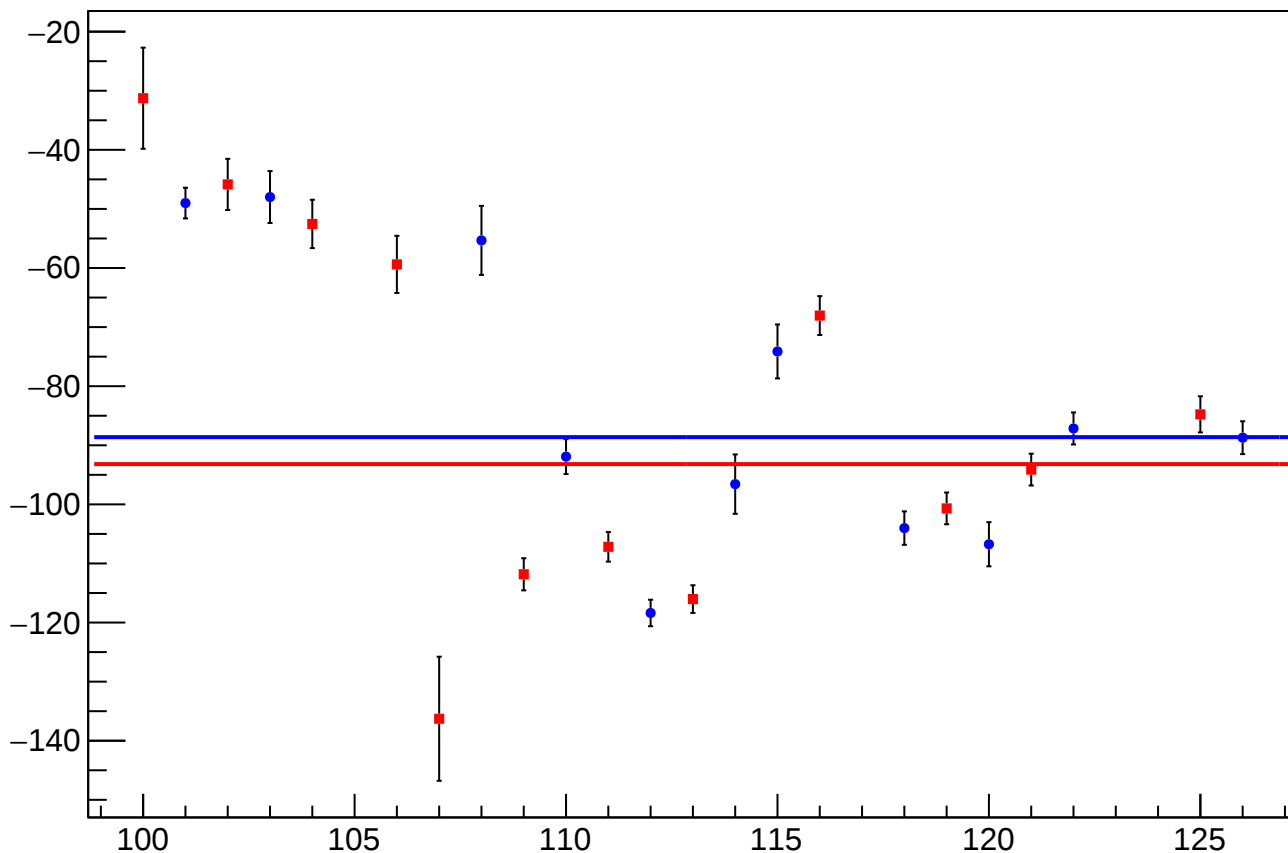
Right: -0.274+/-0.004 χ^2 /NDF: 6072.1/24

In: -0.278+/-0.005 χ^2 /NDF:2576.7/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.274+/-0.004 χ^2 /NDF: 6072.1/24

reg_asym_usl_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -88.622 $\pm$ 0.957 χ^2 /NDF: 593.6/10

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

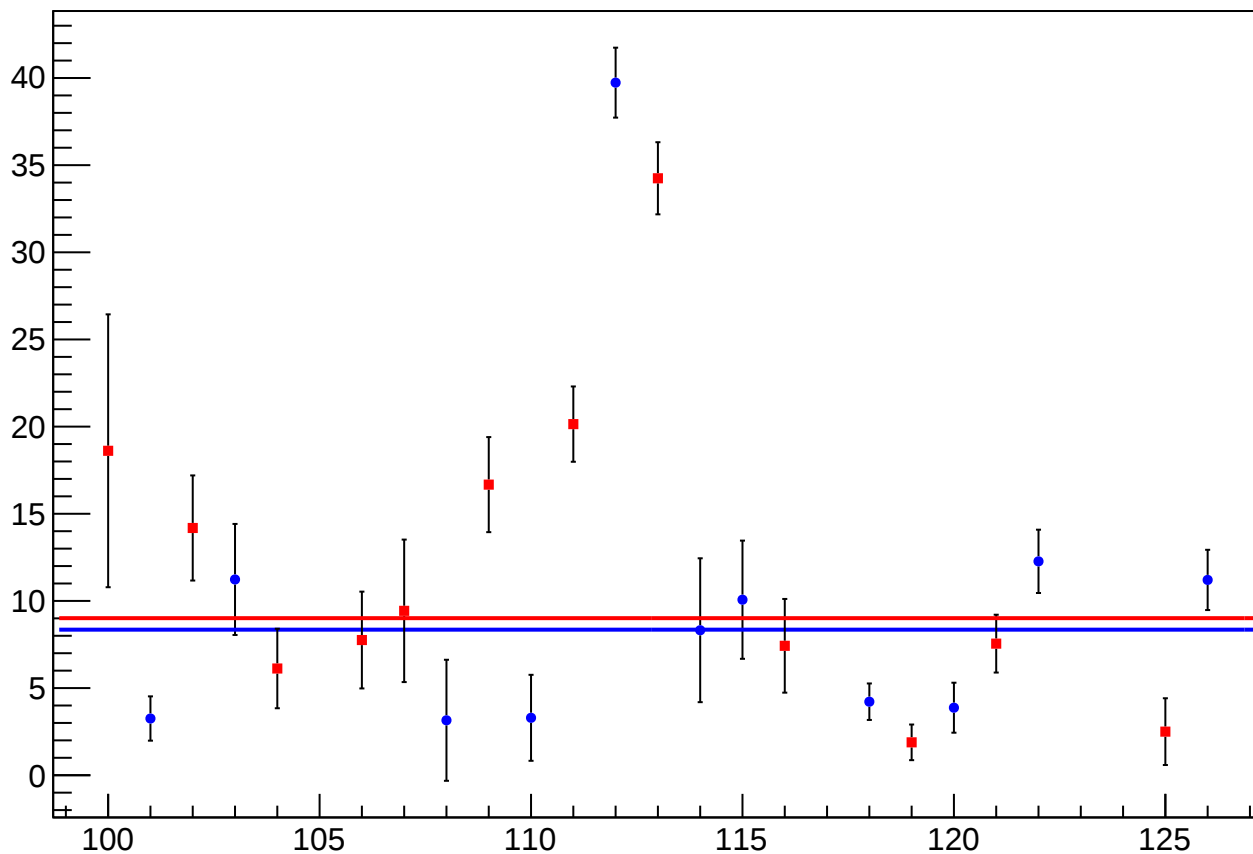
Right: -90.944 $\pm$ 0.671 χ^2 /NDF: 1188.6/22

In: -88.622 $\pm$ 0.957 χ^2 /NDF:593.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -90.944 $\pm$ 0.671 χ^2 /NDF: 1188.6/22

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.351+/-0.543 χ^2/NDF : 301.0/10

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

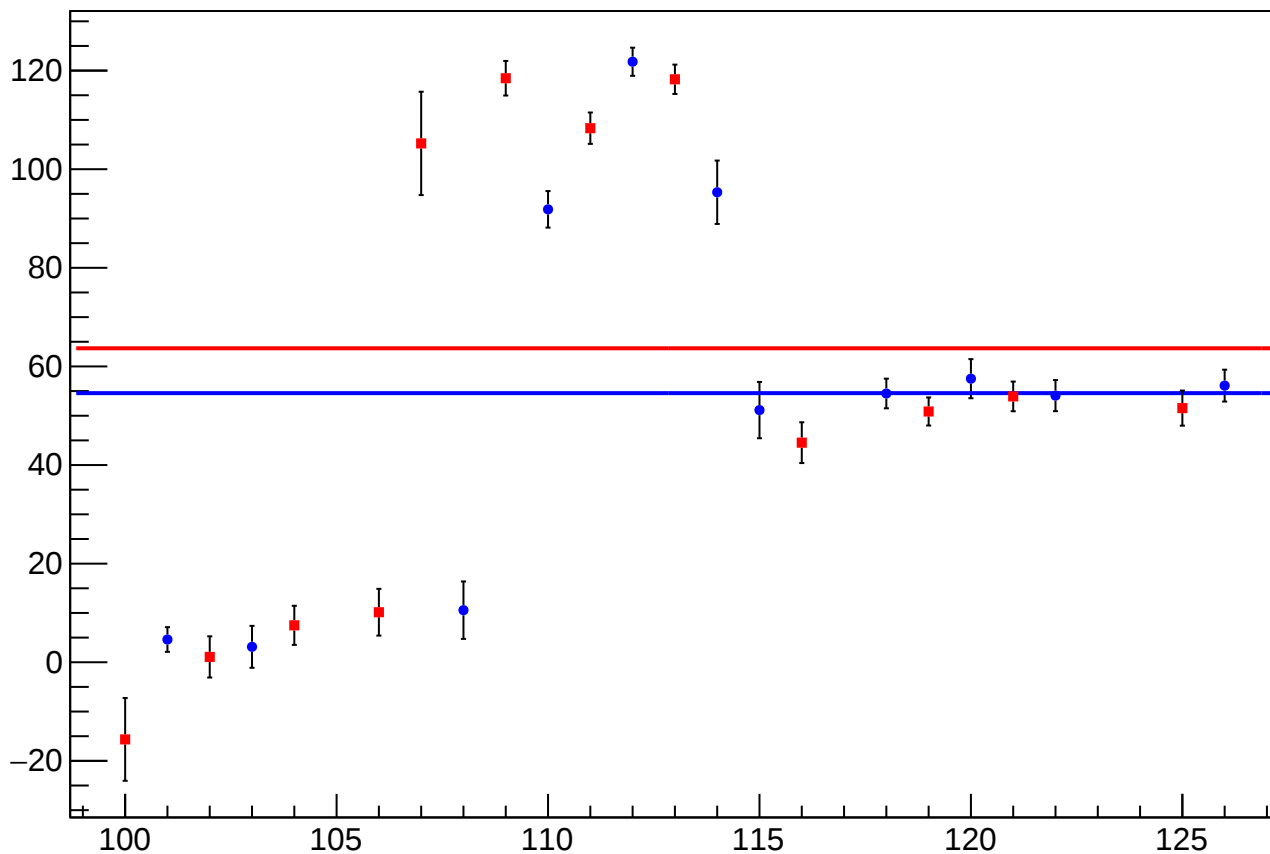
Right: 8.651+/-0.401 χ^2/NDF : 552.4/22

In: 8.351+/-0.543 χ^2/NDF : 301.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.651+/-0.401 χ^2/NDF : 552.4/22

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 54.584+/-1.075 χ^2/NDF : 1298.6/10

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

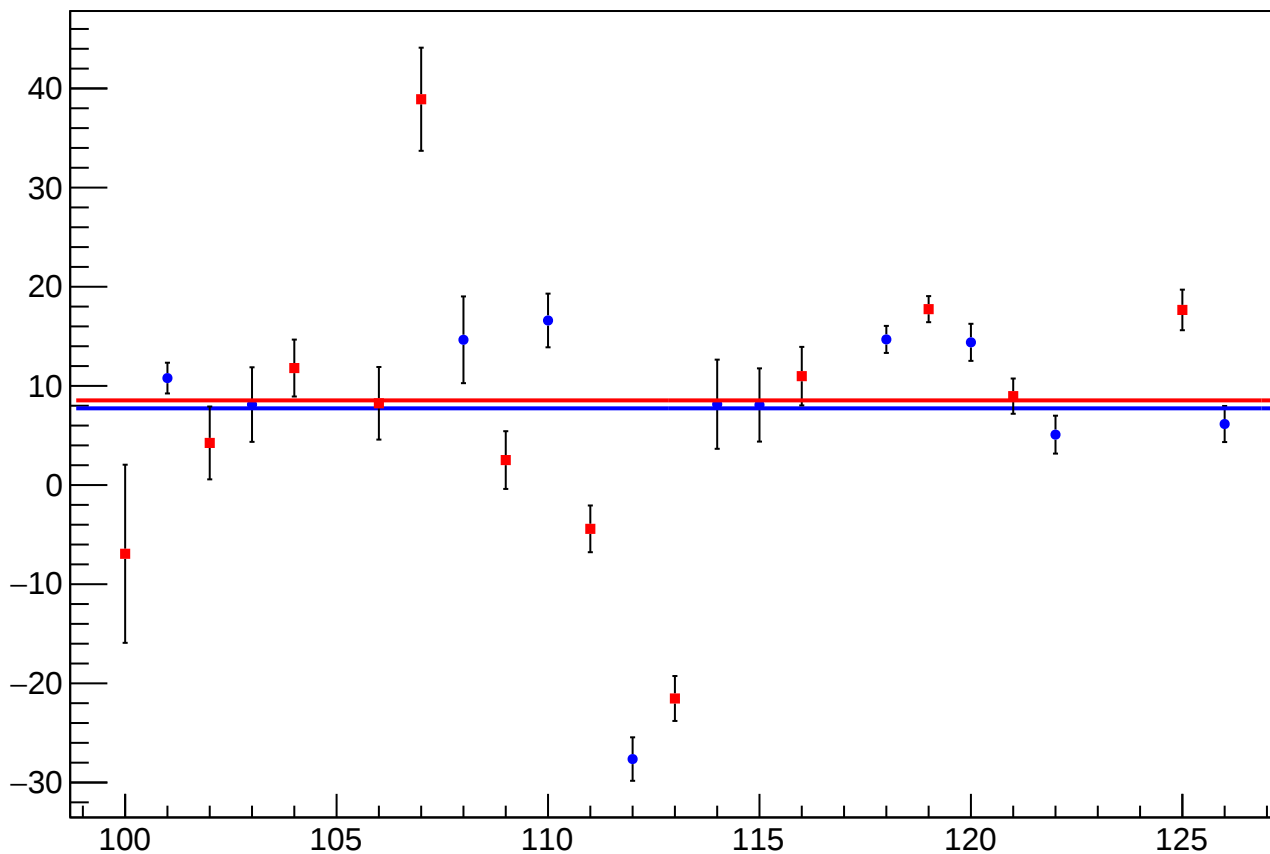
Right: 59.099+/-0.763 χ^2/NDF : 2832.2/22

In: 54.584+/-1.075 χ^2/NDF : 1298.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.099+/-0.763 χ^2/NDF : 2832.2/22

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.736+/-0.645 χ^2/NDF : 318.7/10

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

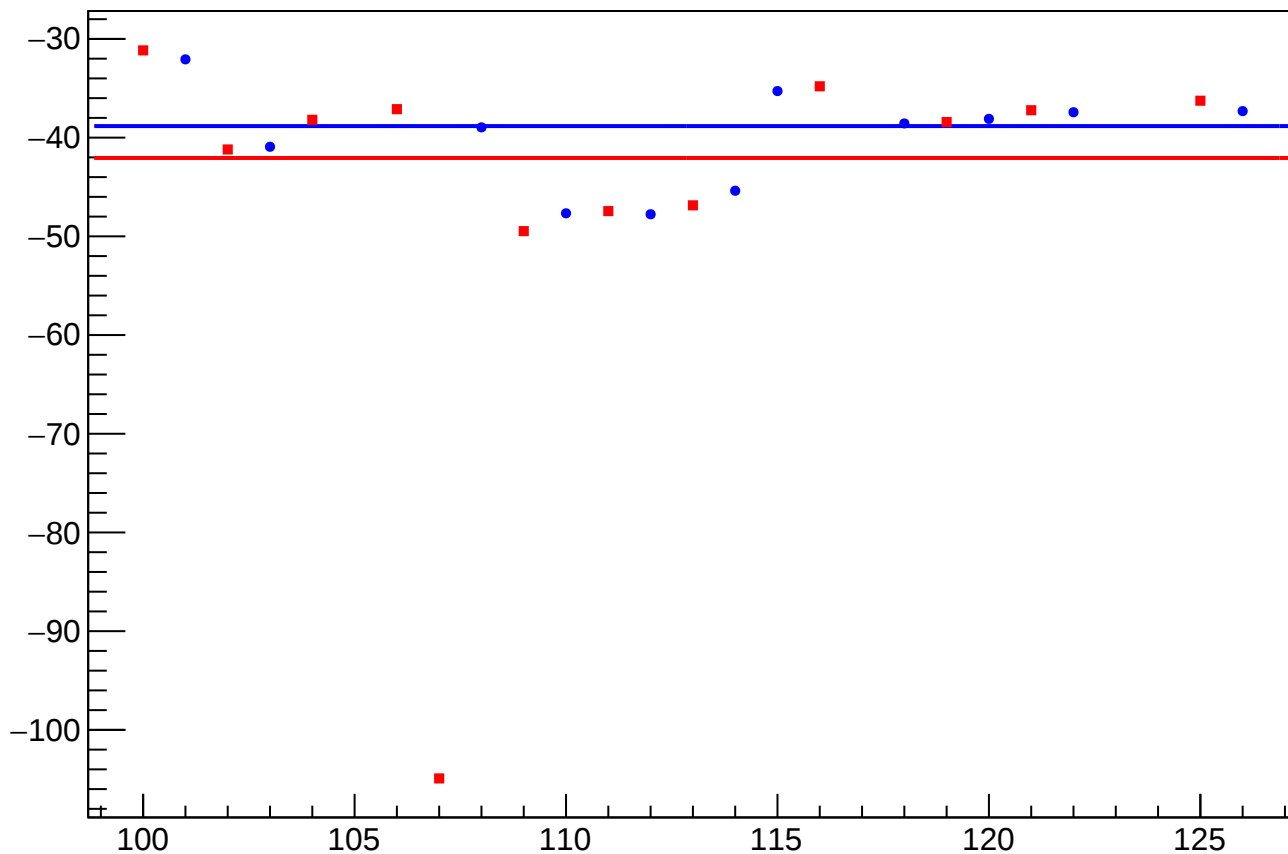
Right: 8.107+/-0.473 χ^2/NDF : 639.2/22

In: 7.736+/-0.645 χ^2/NDF : 318.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.107+/-0.473 χ^2/NDF : 639.2/22

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.829+/-0.040 χ^2/NDF : 13985.6/10

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

Right Out: -42.061+/-0.040 χ^2/NDF : 82834.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

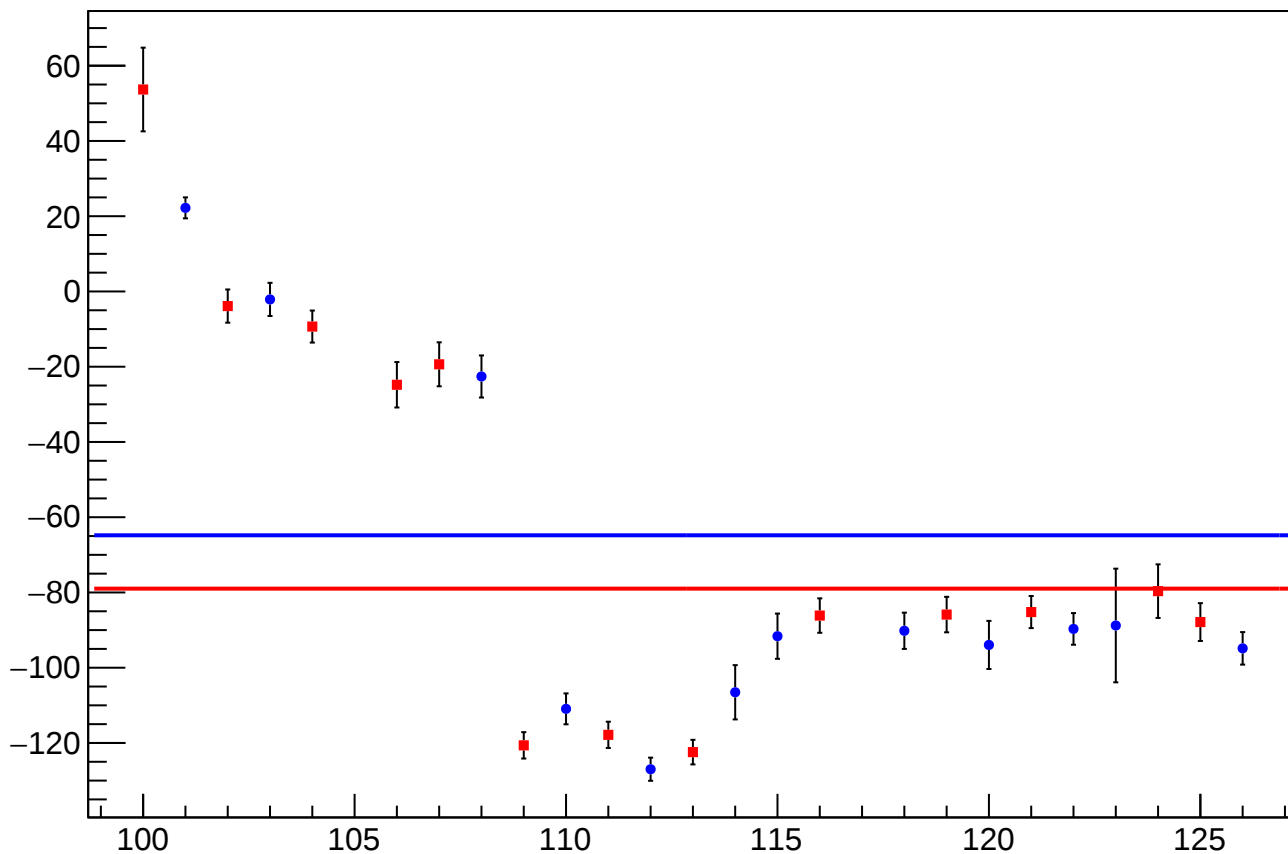
Right: -40.472+/-0.028 χ^2/NDF : 100072.5/22

In: -38.829+/-0.040 χ^2/NDF :13985.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -40.472+/-0.028 χ^2/NDF : 100072.5/22

reg_asym_usr_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -64.805+/-1.285 χ^2/NDF : 1956.0/11

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

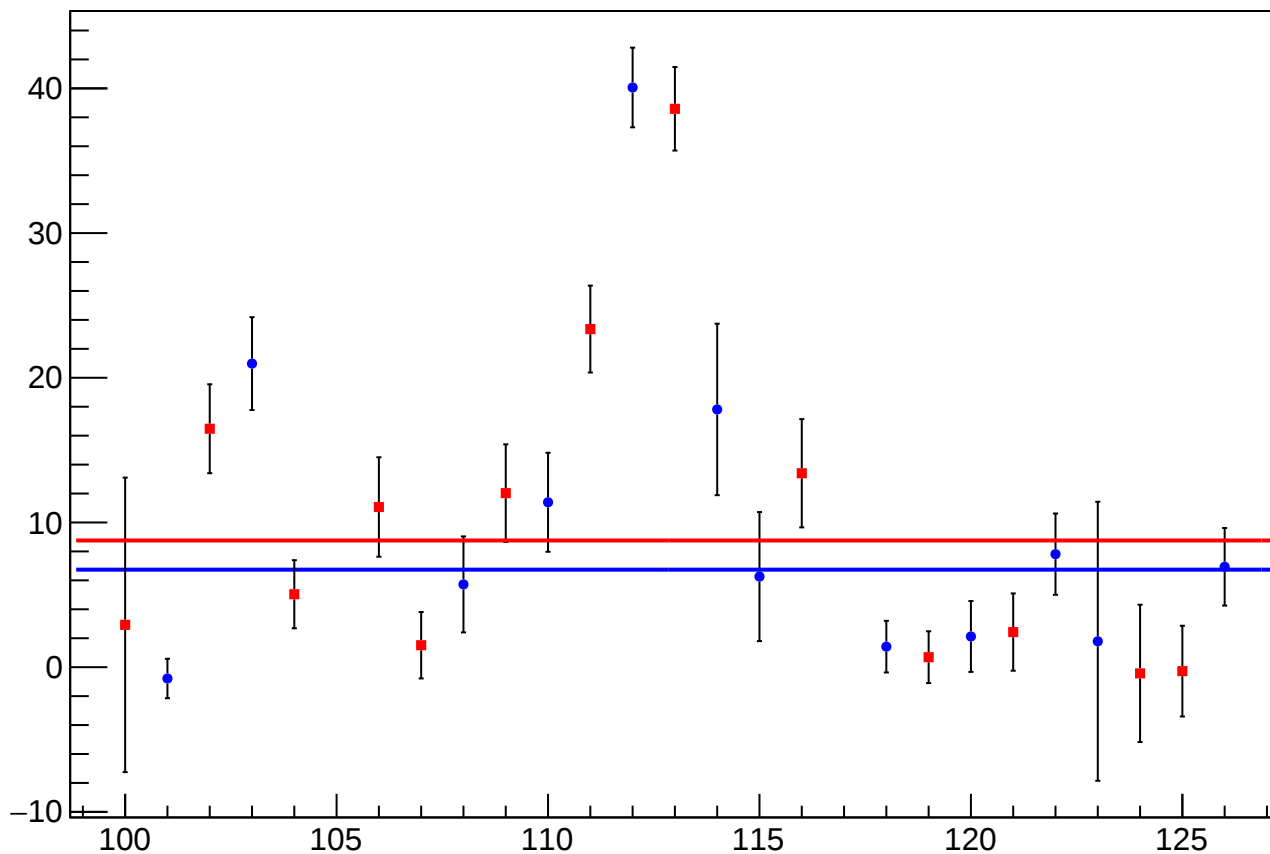
Right: -72.060+/-0.898 χ^2/NDF : 3353.7/24

In: -64.805+/-1.285 χ^2/NDF : 1956.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -72.060+/-0.898 χ^2/NDF : 3353.7/24

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.740+/-0.749 χ^2/NDF : 215.1/11

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

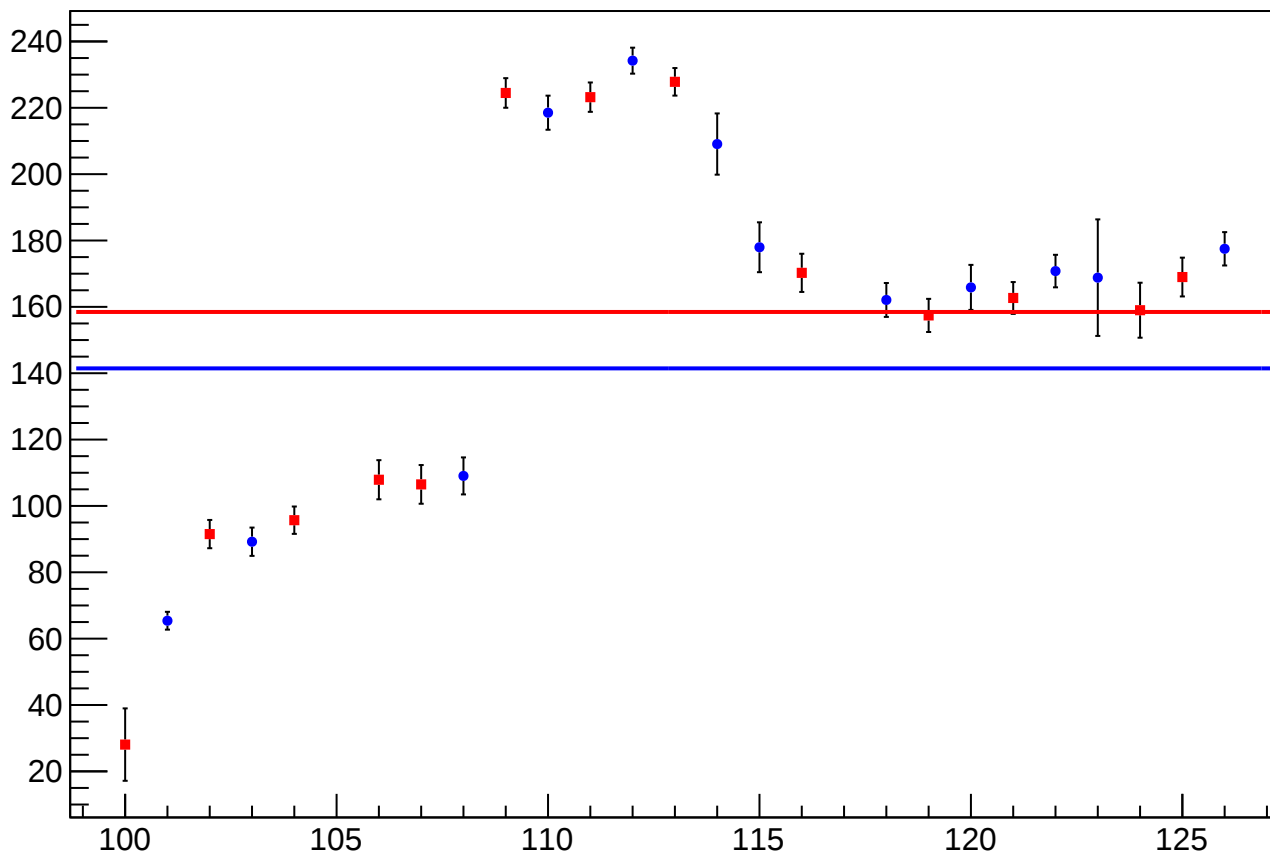
Right: 7.682+/-0.547 χ^2/NDF : 409.0/24

In: 6.740+/-0.749 χ^2/NDF : 215.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.682+/-0.547 χ^2/NDF : 409.0/24

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 141.459+/-1.410 χ^2/NDF : 1967.8/11

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

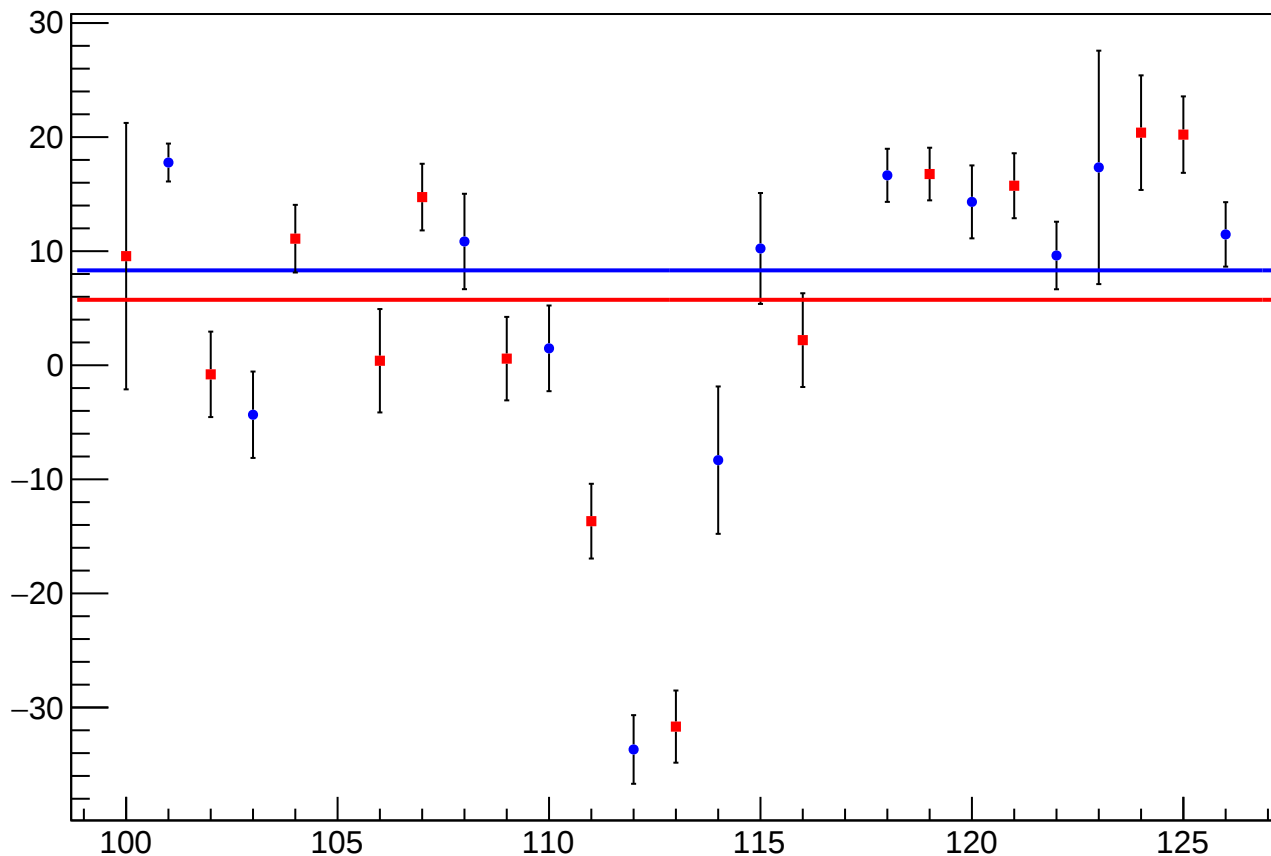
Right: 149.914+/-1.000 χ^2/NDF : 3534.4/24

In: 141.459+/-1.410 χ^2/NDF : 1967.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.914+/-1.000 χ^2/NDF : 3534.4/24

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.318 $\pm$ 0.888 χ^2 /NDF: 267.4/11

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

Right Out: 5.738 $\pm$ 0.943 χ^2 /NDF: 257.3/12

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

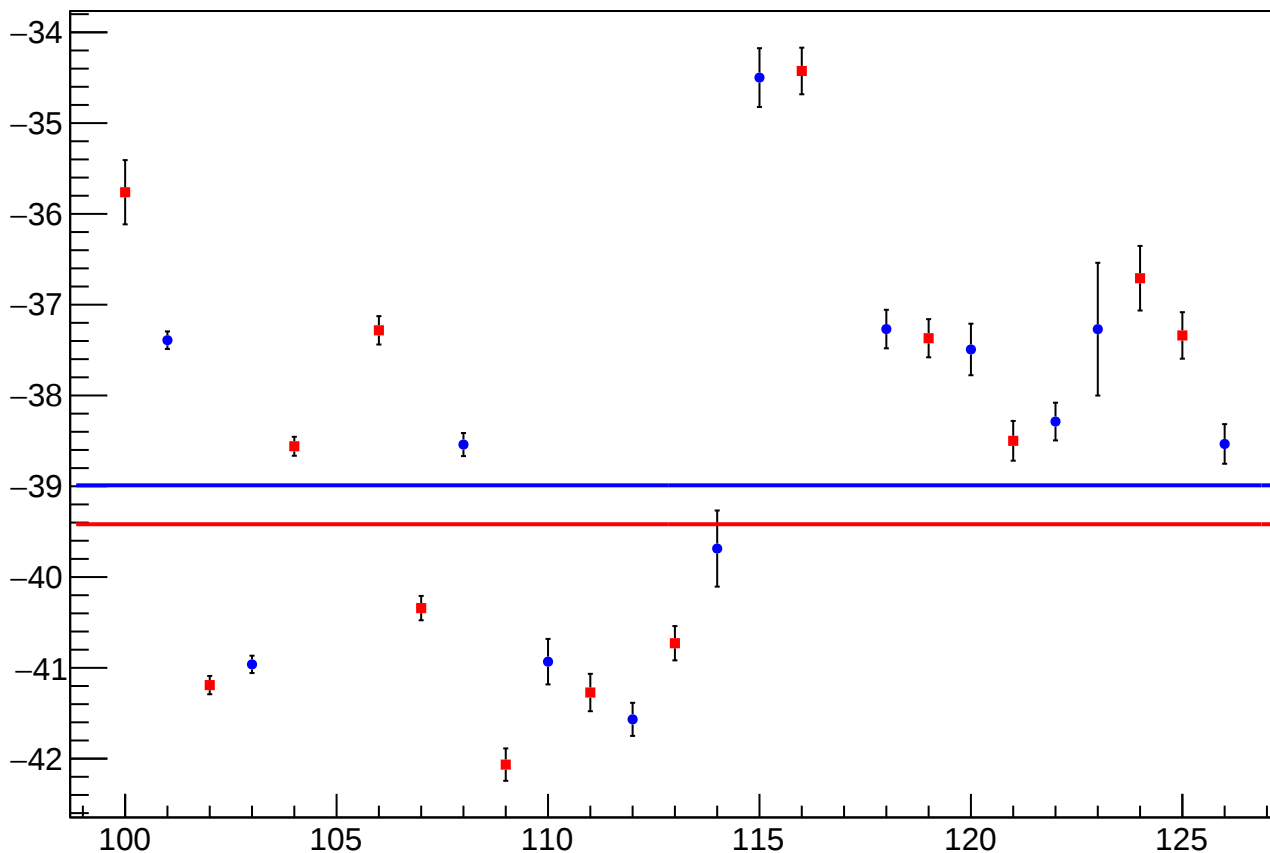
Right: 7.105 $\pm$ 0.646 χ^2 /NDF: 528.7/24

In: 8.318 $\pm$ 0.888 χ^2 /NDF:267.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 7.105 $\pm$ 0.646 χ^2 /NDF: 528.7/24

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.990 ± 0.049 χ^2/NDF : 1281.9/11

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

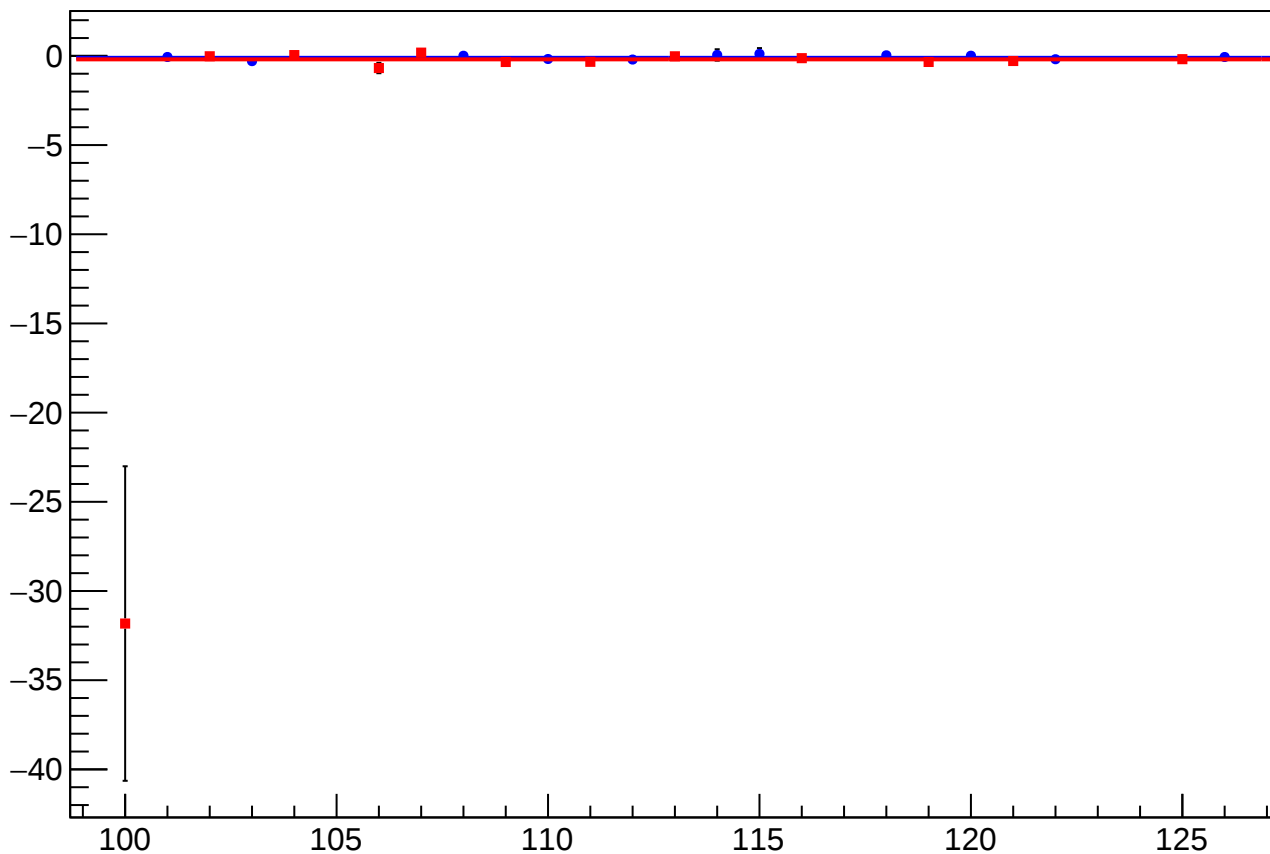
Right: -39.213 ± 0.034 χ^2/NDF : 3004.3/24

In: -38.990 ± 0.049 χ^2/NDF : 1281.9/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.213 ± 0.034 χ^2/NDF : 3004.3/24

reg_asym_dsl_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.109+/-0.060 χ^2/NDF : 3.4/10

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

Right Out: -0.195+/-0.059 χ^2/NDF : 23.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

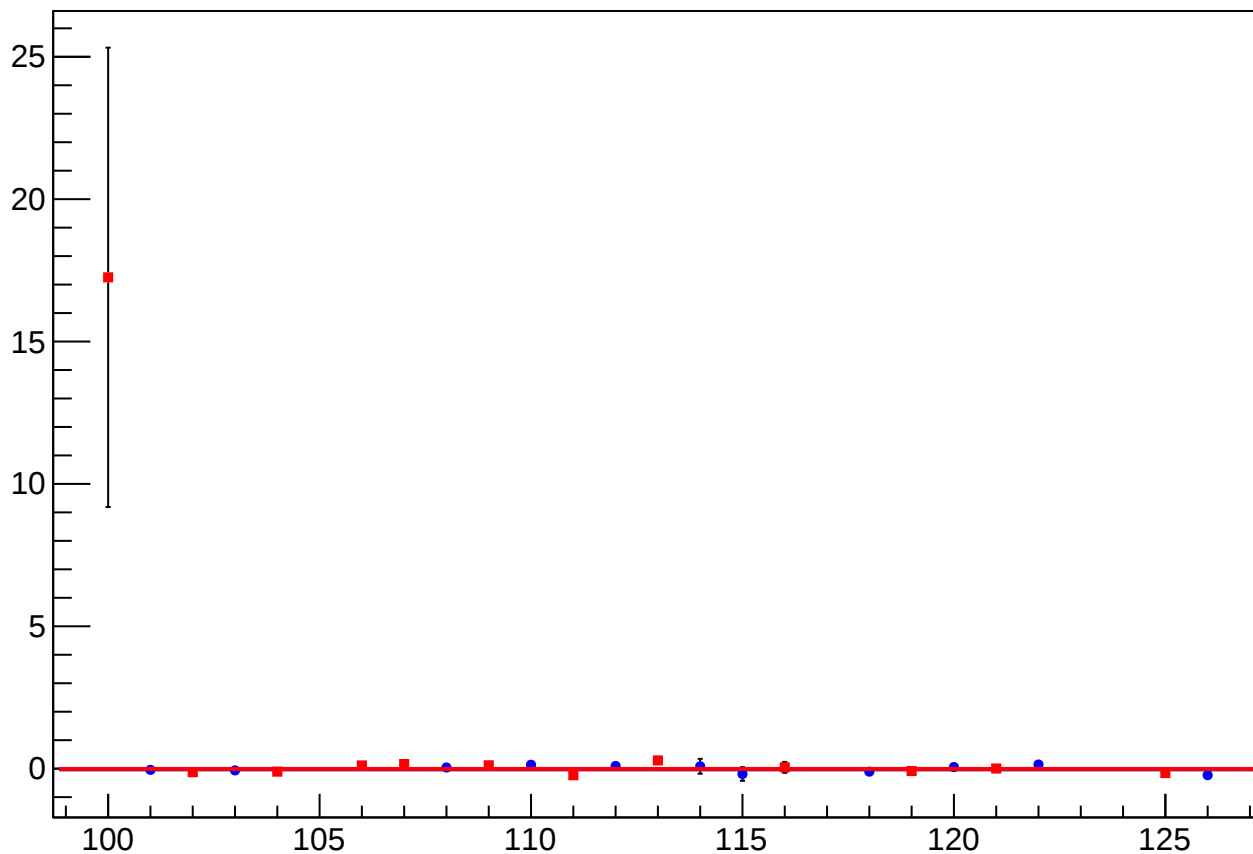
Right: -0.153+/-0.042 χ^2/NDF : 27.9/22

In: -0.109+/-0.060 χ^2/NDF : 3.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.153+/-0.042 χ^2/NDF : 27.9/22

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024+/-0.035 χ^2/NDF : 8.5/10

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

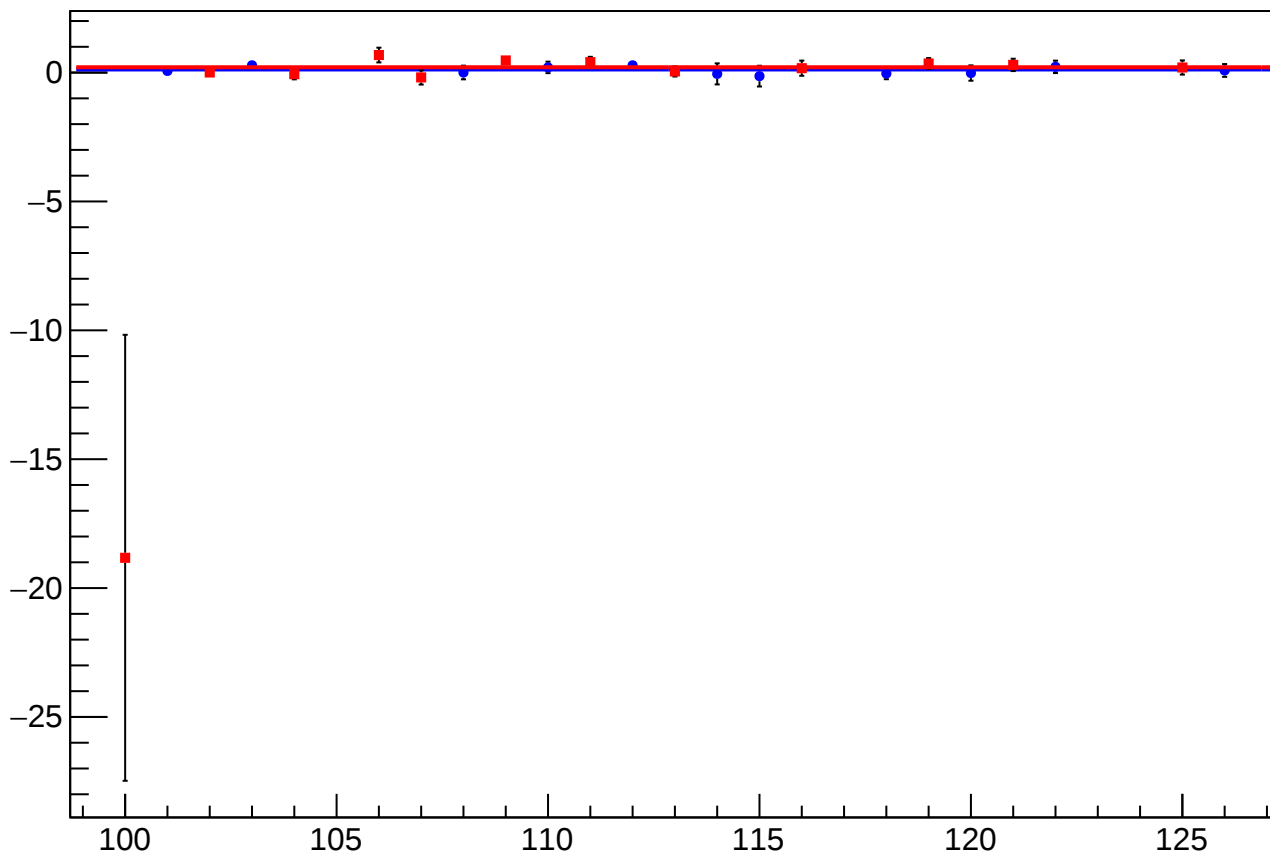
Right: -0.018+/-0.026 χ^2/NDF : 27.5/22

In: -0.024+/-0.035 χ^2/NDF : 8.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.026 χ^2/NDF : 27.5/22

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.121+/-0.066 χ^2/NDF : 3.6/10

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

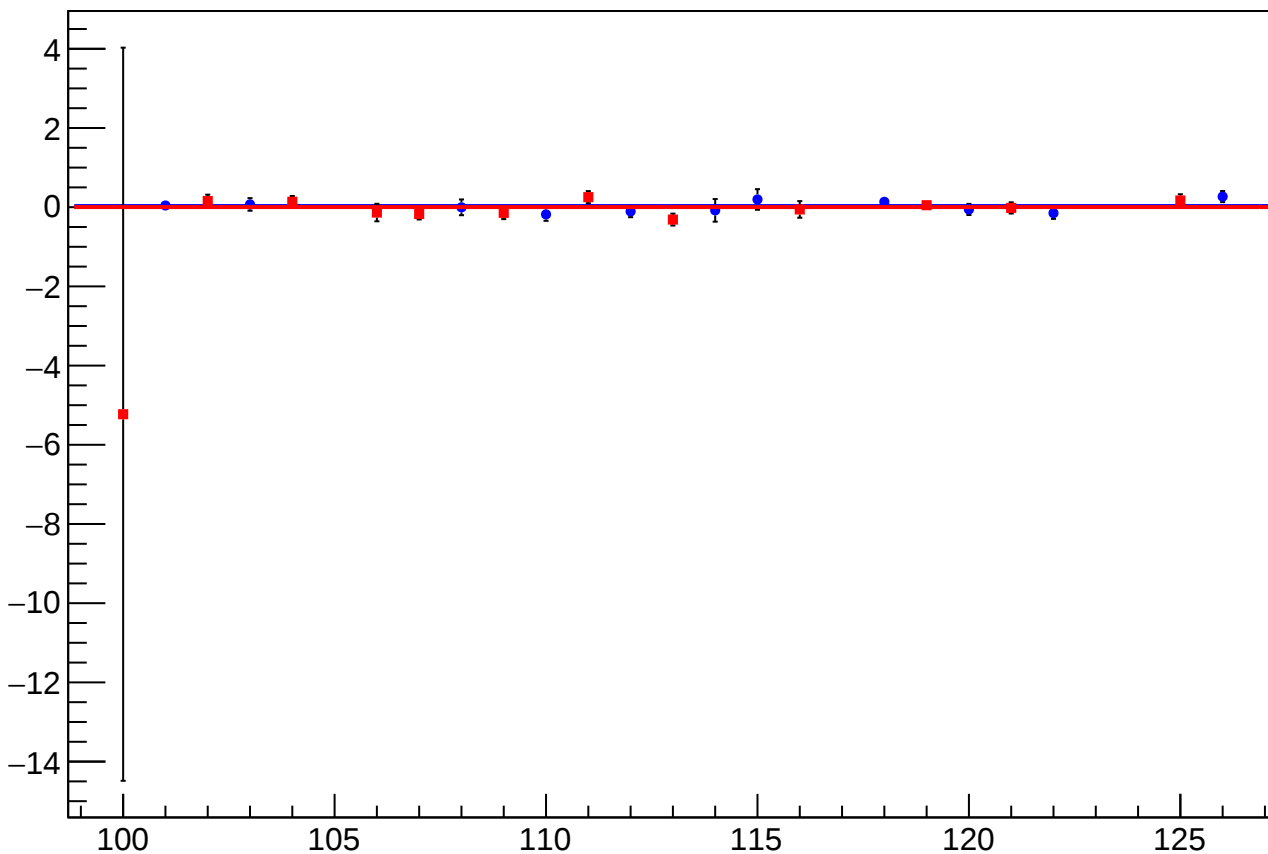
Right: 0.162+/-0.047 χ^2/NDF : 21.2/22

In: 0.121+/-0.066 χ^2/NDF : 3.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.162+/-0.047 χ^2/NDF : 21.2/22

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.028+/-0.042 χ^2/NDF : 9.1/10

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

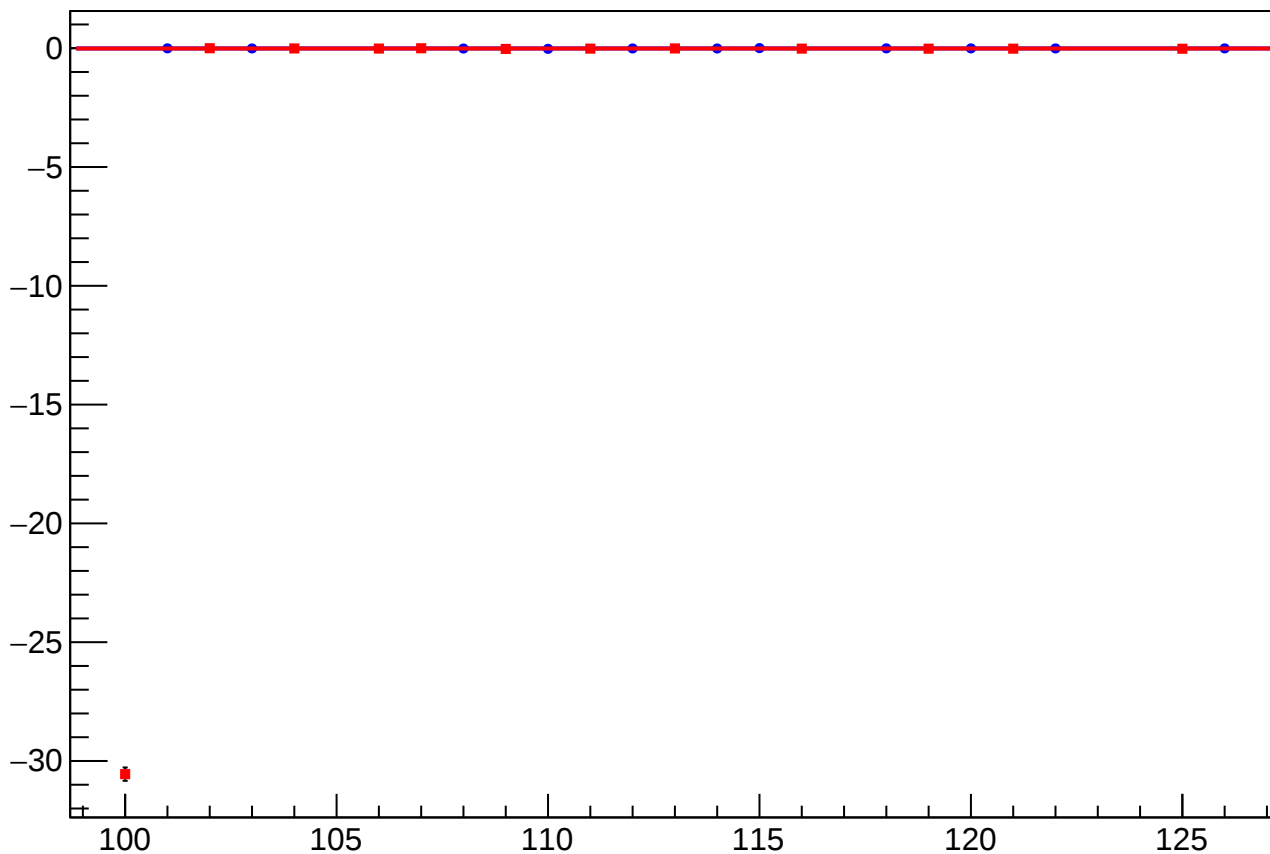
Right: 0.017+/-0.030 χ^2/NDF : 22.8/22

In: 0.028+/-0.042 χ^2/NDF : 9.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.030 χ^2/NDF : 22.8/22

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.009+/-0.002 χ^2 /NDF: 4.6/10

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

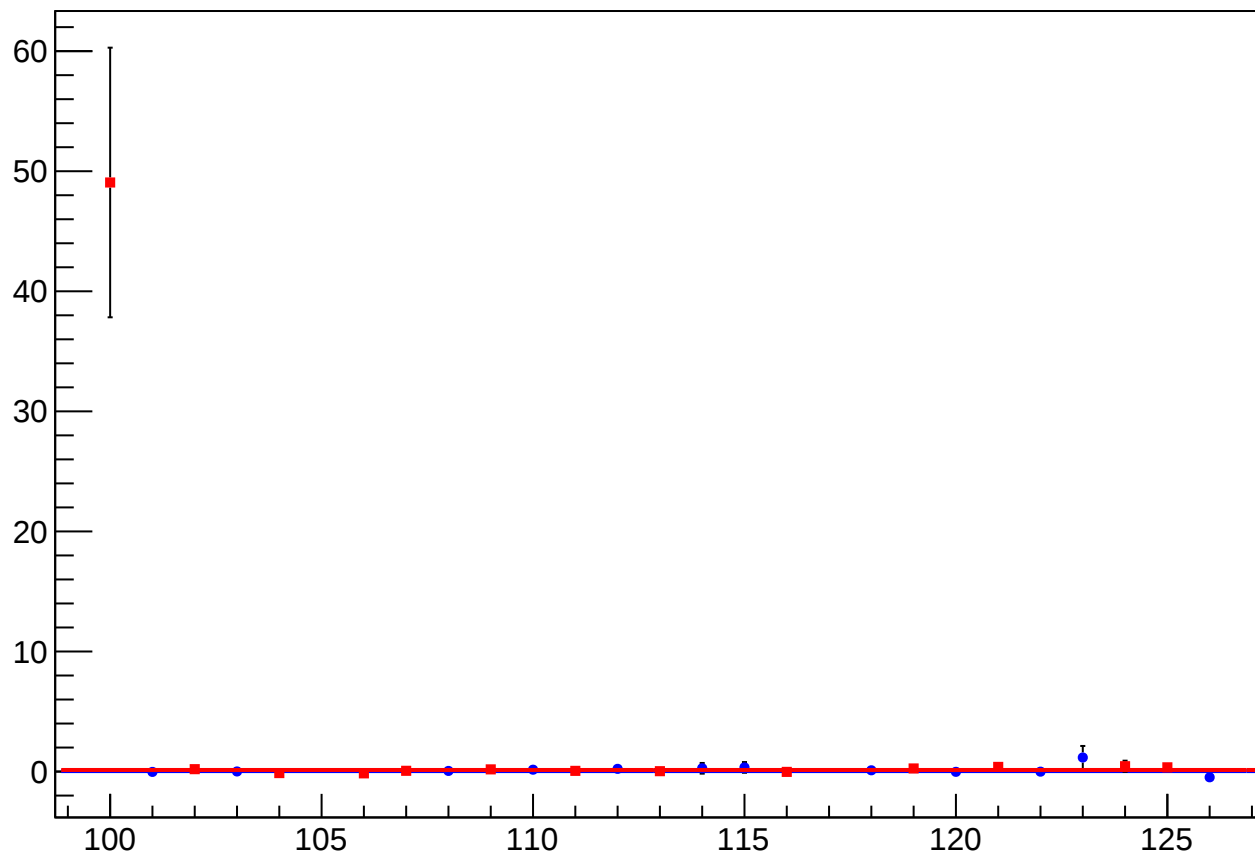
Right: -0.011+/-0.002 χ^2 /NDF: 11889.2/22

In: -0.009+/-0.002 χ^2 /NDF:4.6/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.011+/-0.002 χ^2 /NDF: 11889.2/22

reg_asym_dsr_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 0.040+/-0.076 χ^2/NDF : 6.7/11

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

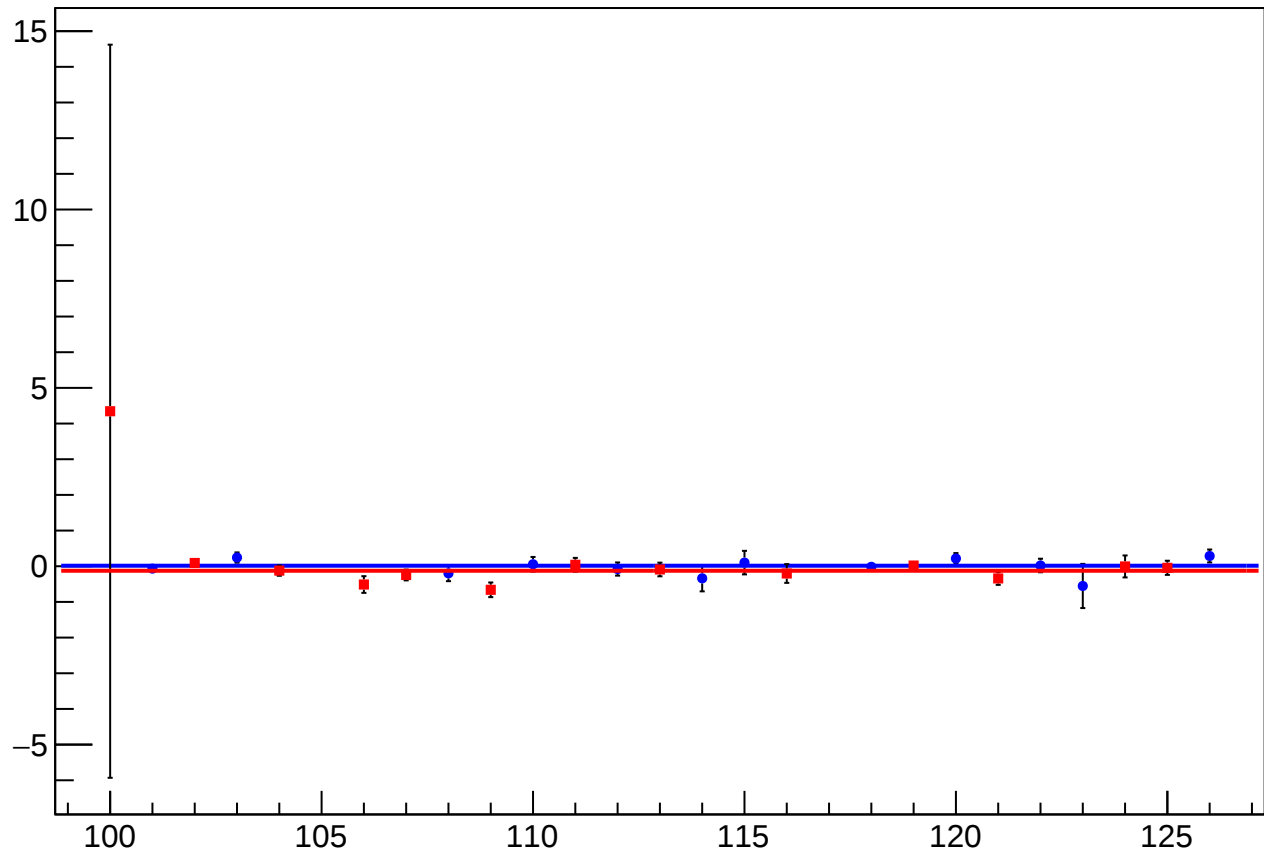
Right: 0.085+/-0.054 χ^2/NDF : 30.7/24

In: 0.040+/-0.076 χ^2/NDF : 6.7/11

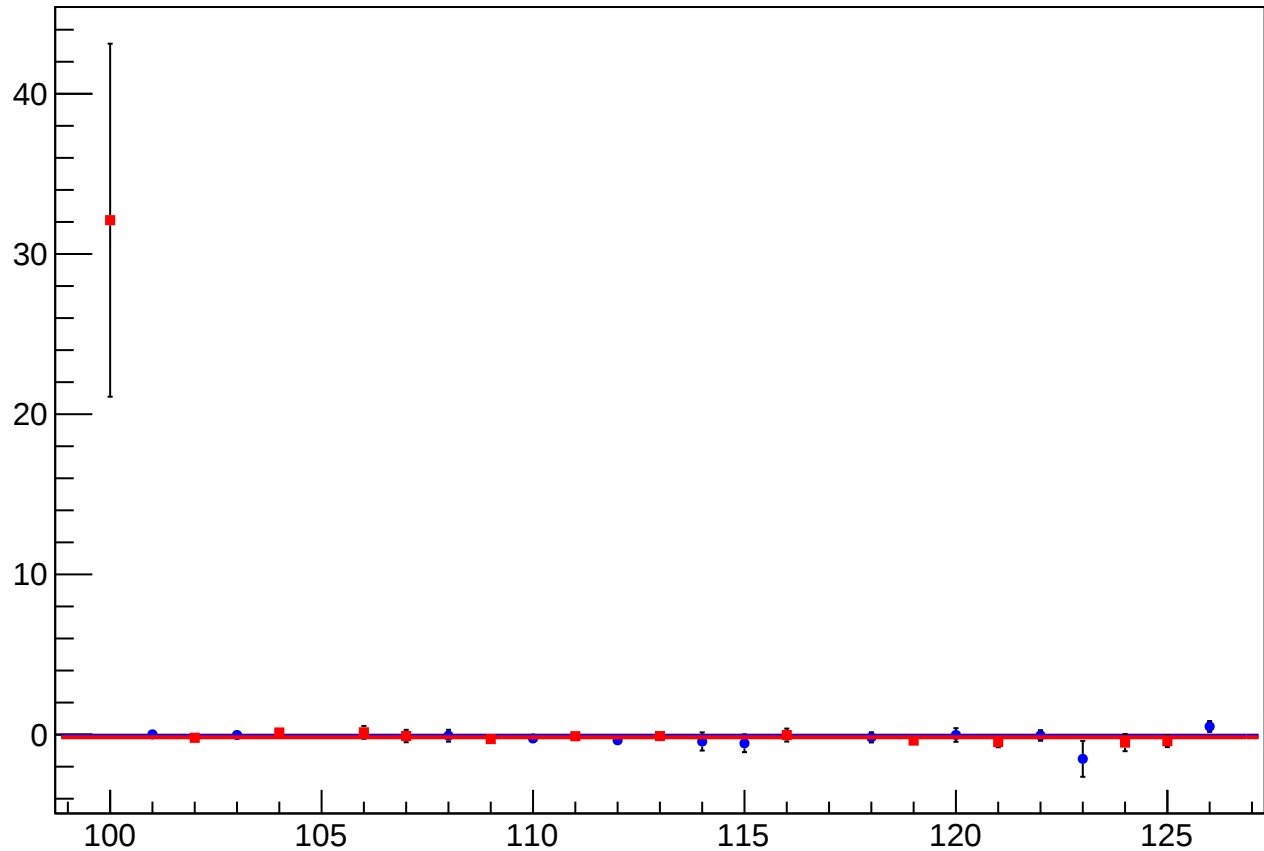
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.085+/-0.054 χ^2/NDF : 30.7/24

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.067 $\pm$ 0.081 χ^2 /NDF: 7.7/11

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

Right Out: -0.166 $\pm$ 0.086 χ^2 /NDF: 13.3/12

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

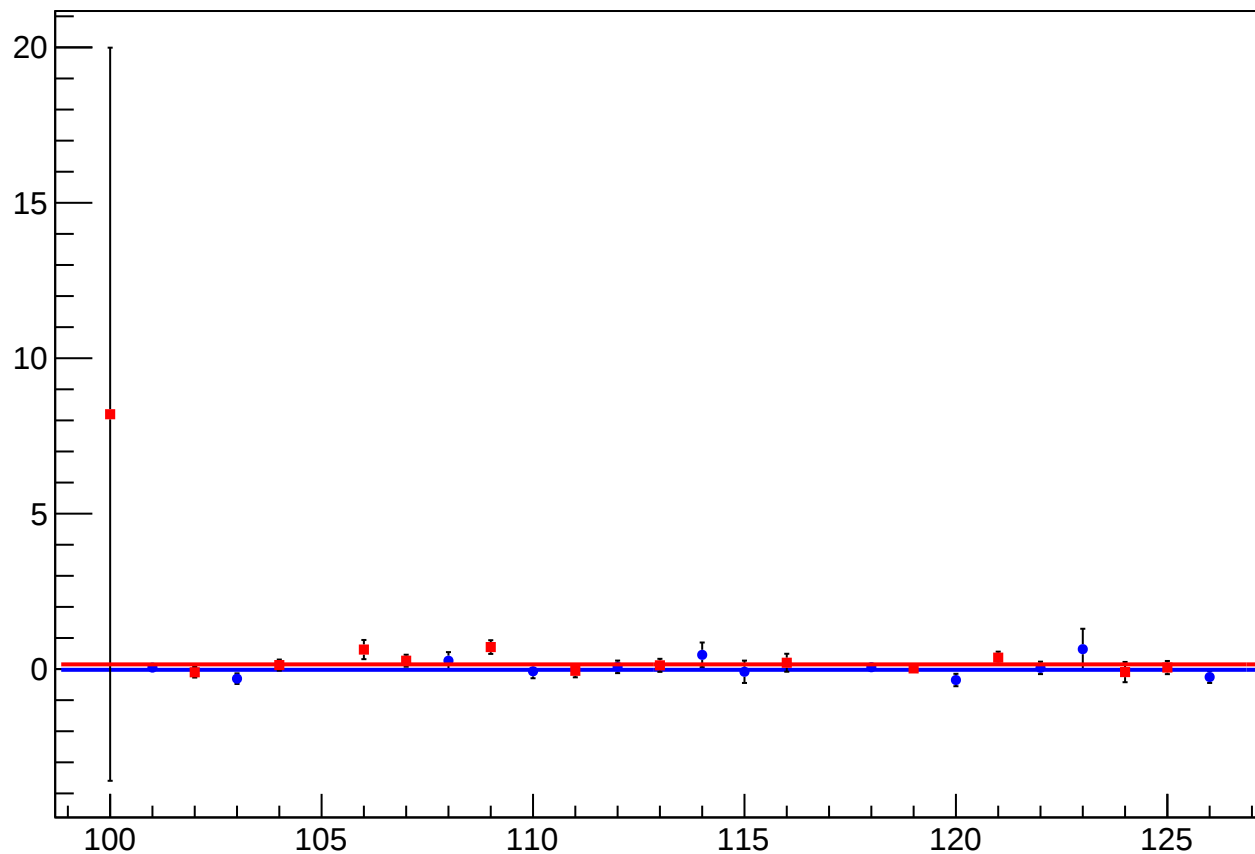
Right: -0.114 $\pm$ 0.059 χ^2 /NDF: 21.7/24

In: -0.067 $\pm$ 0.081 χ^2 /NDF:7.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.114 $\pm$ 0.059 χ^2 /NDF: 21.7/24

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.024+/-0.052 χ^2/NDF : 12.0/11

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

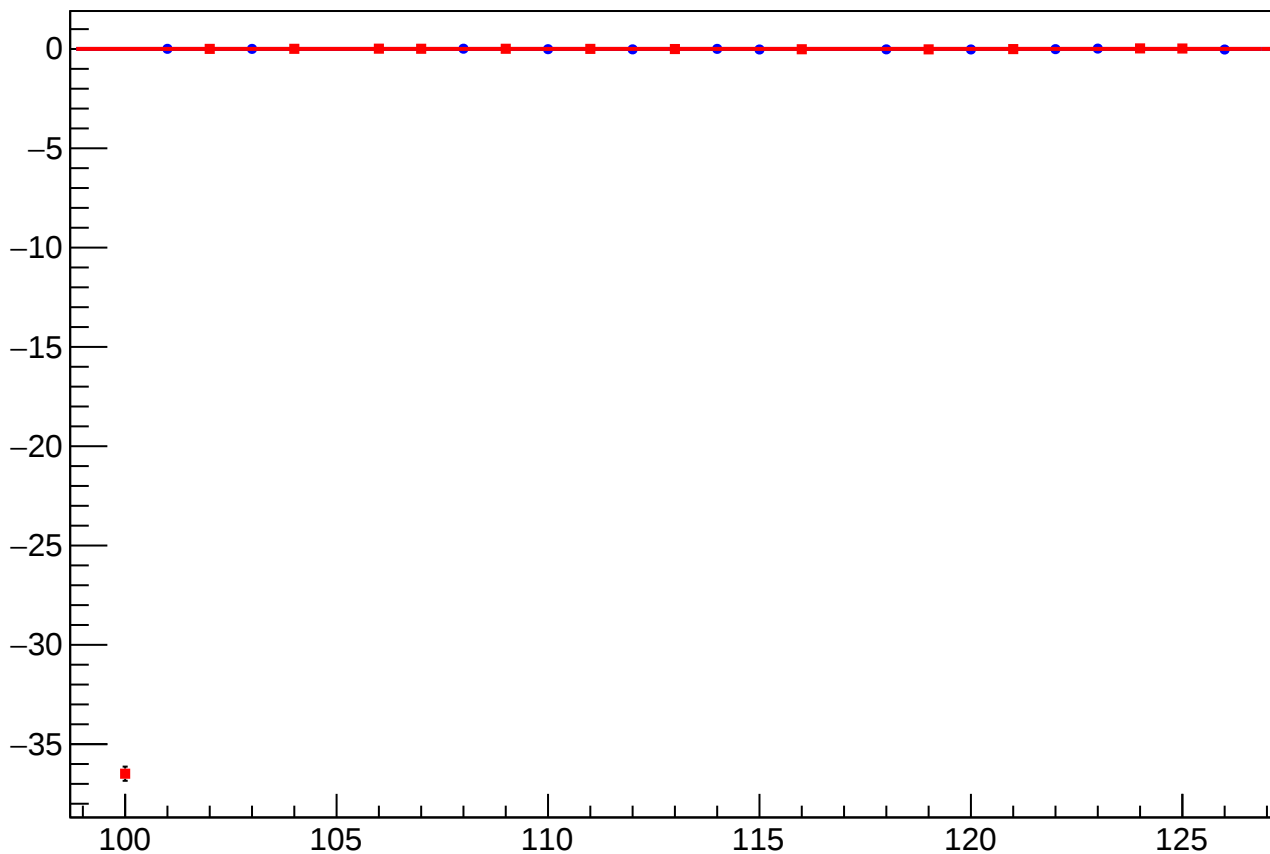
Right: 0.053+/-0.039 χ^2/NDF : 32.8/24

In: -0.024+/-0.052 χ^2/NDF :12.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.053+/-0.039 χ^2/NDF : 32.8/24

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.002+/-0.003 χ^2/NDF : 17.9/11

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

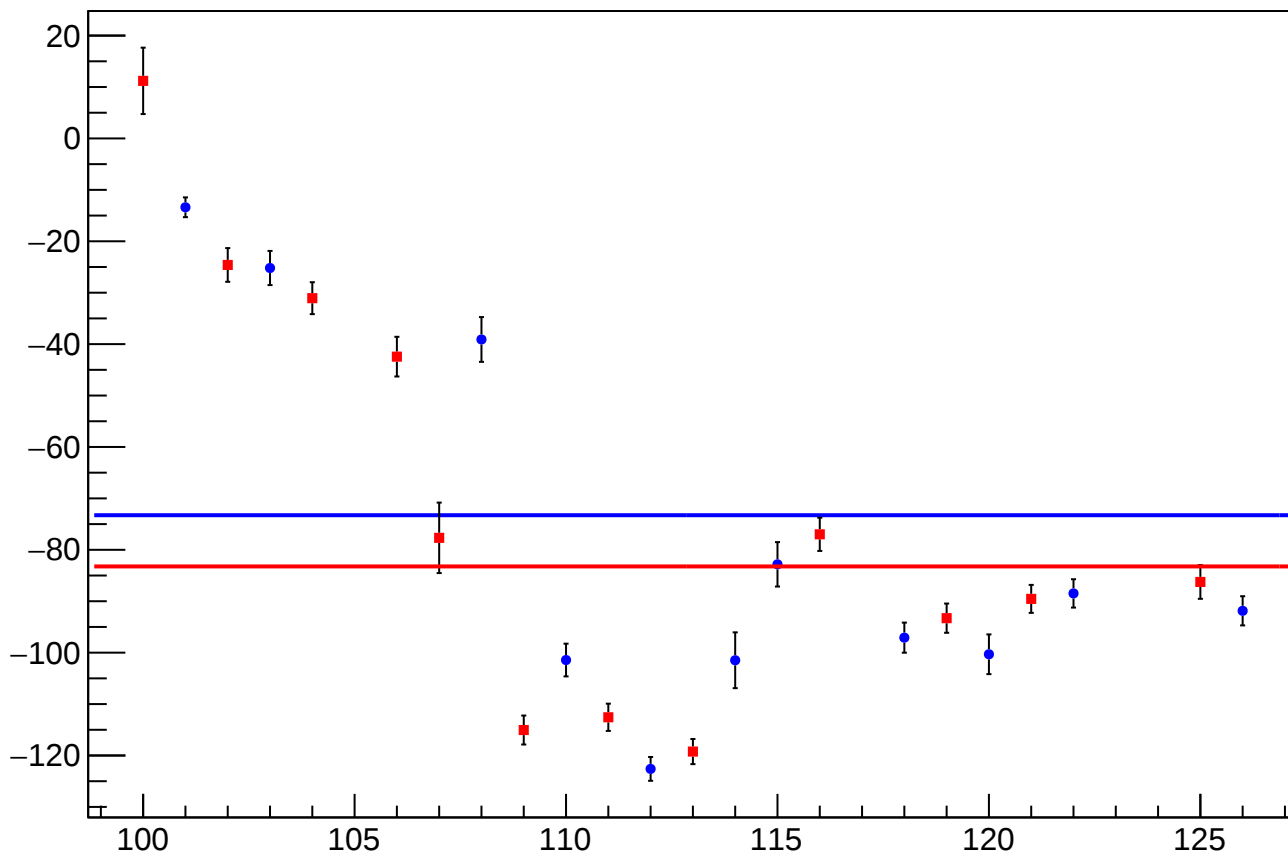
Right: 0.003+/-0.002 χ^2/NDF : 10458.9/24

In: 0.002+/-0.003 χ^2/NDF : 17.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.002 χ^2/NDF : 10458.9/24

reg_asym_us_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -73.272 $\pm$ 0.903 χ^2 /NDF: 1993.6/10

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

Right Out: -83.231 $\pm$ 0.916 χ^2 /NDF: 1418.5/11

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

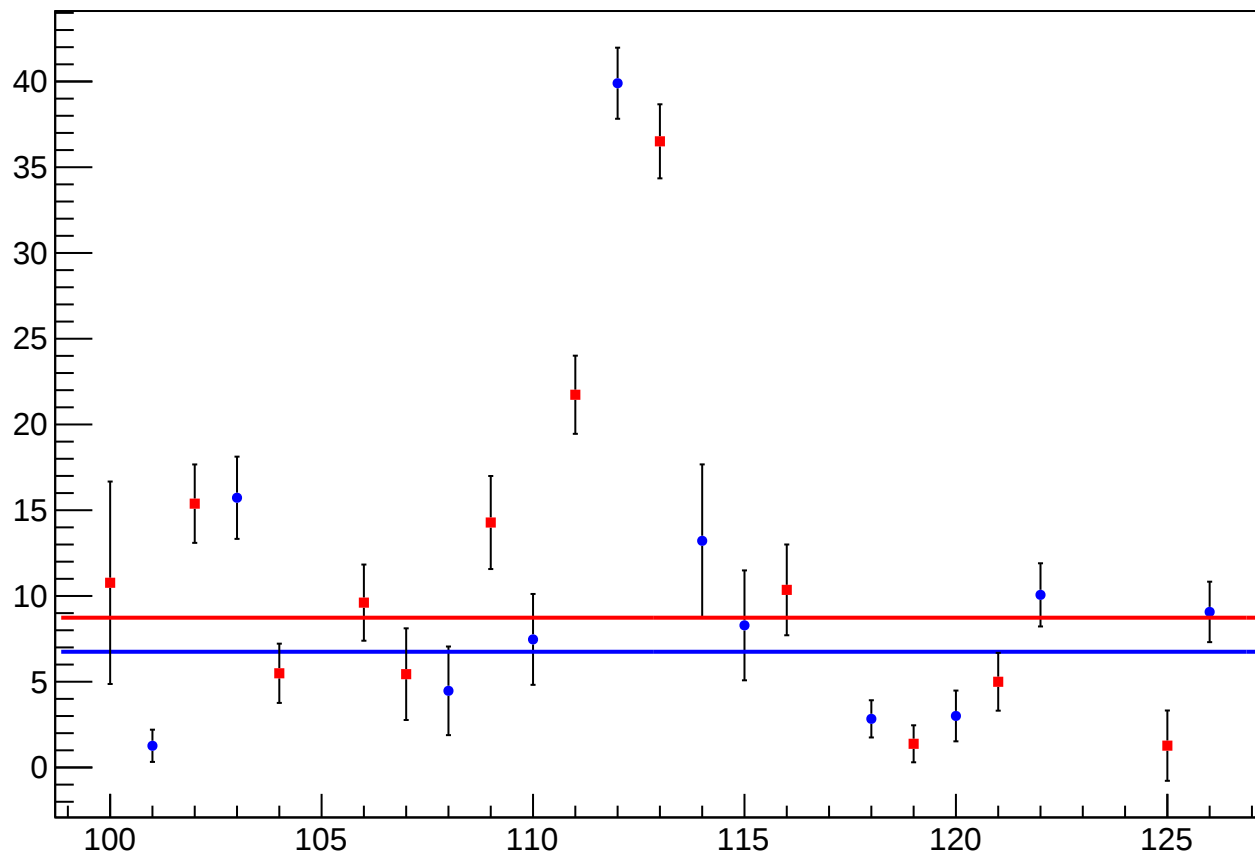
Right: -78.183 $\pm$ 0.643 χ^2 /NDF: 3472.1/22

In: -73.272 $\pm$ 0.903 χ^2 /NDF:1993.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -78.183 $\pm$ 0.643 χ^2 /NDF: 3472.1/22

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.747+/-0.506 χ^2/NDF : 331.3/10

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

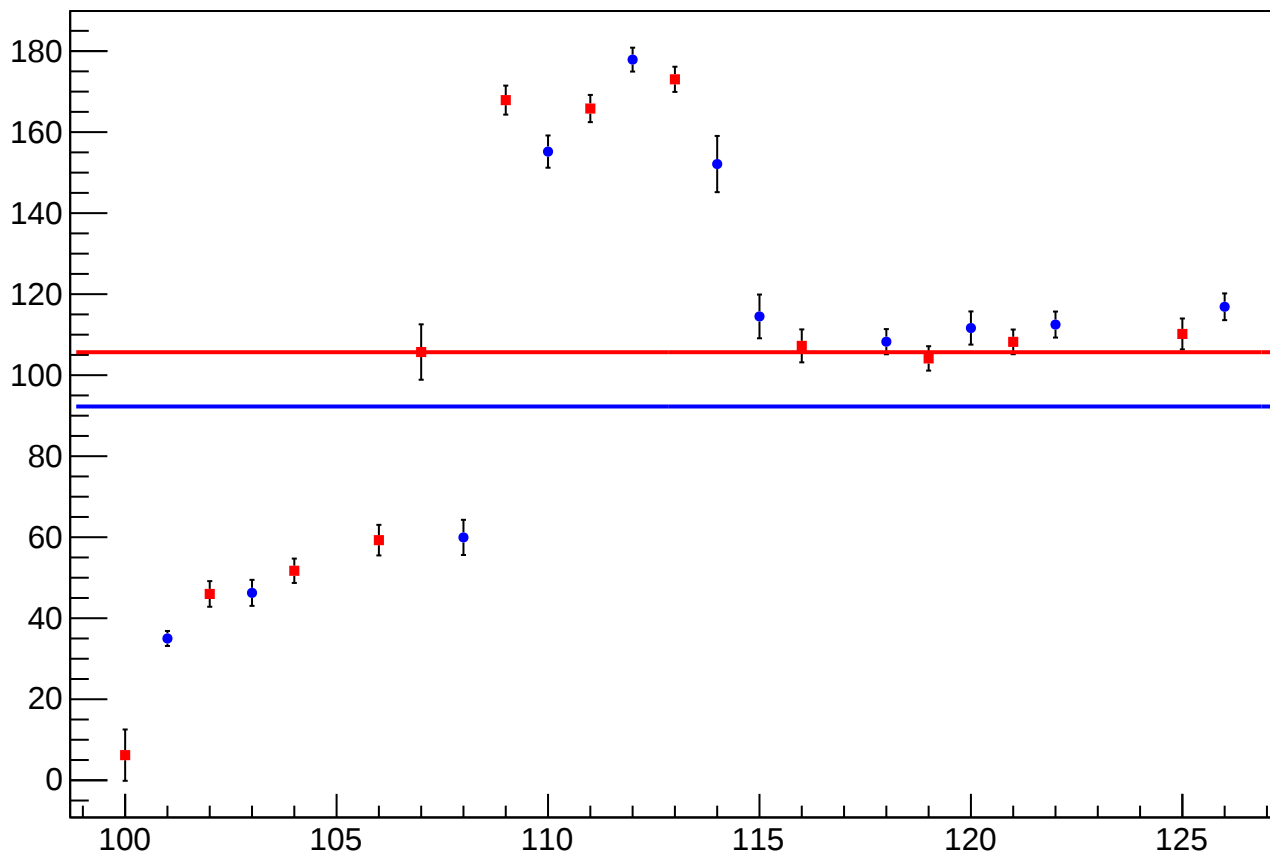
Right: 7.616+/-0.380 χ^2/NDF : 619.0/22

In: 6.747+/-0.506 χ^2/NDF : 331.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.616+/-0.380 χ^2/NDF : 619.0/22

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 92.270+/-0.987 χ^2/NDF : 2544.4/10

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

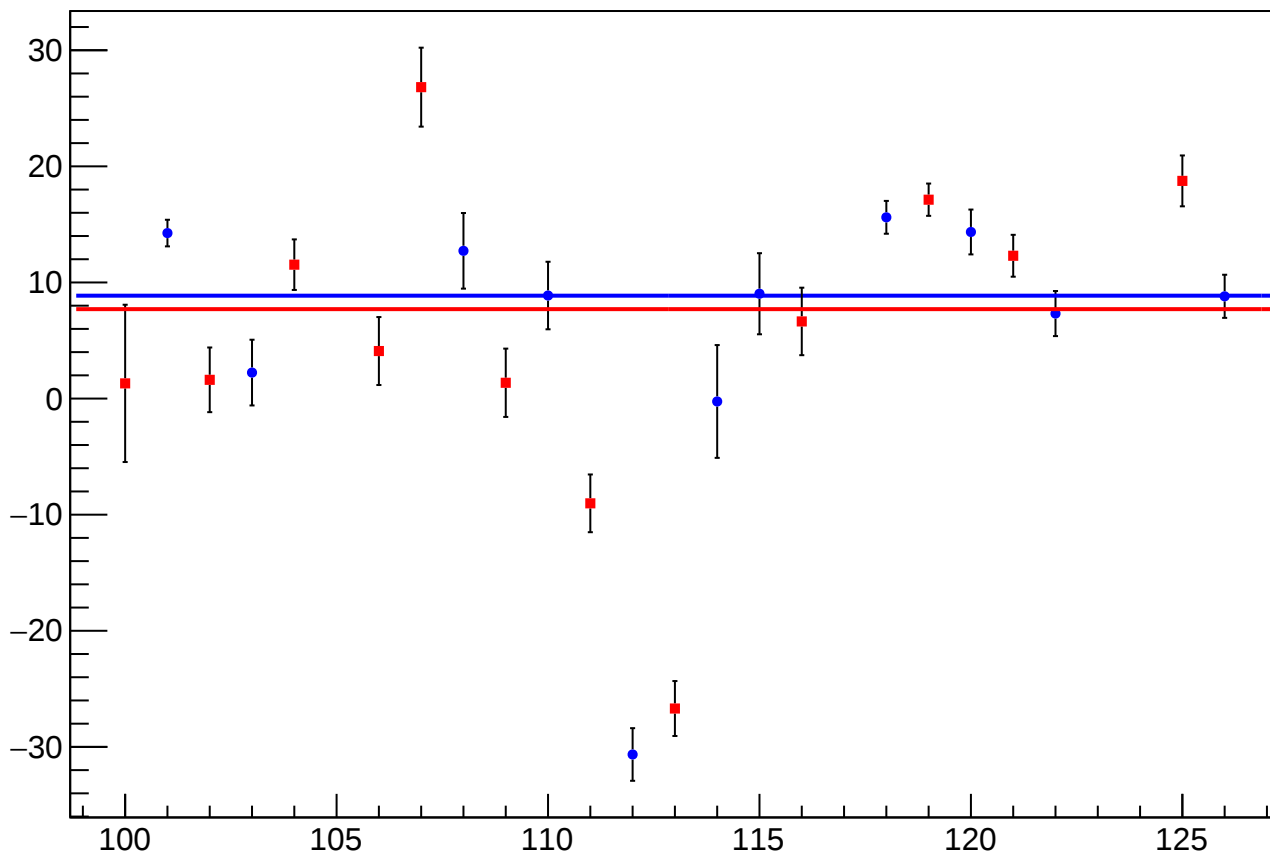
Right: 98.692+/-0.712 χ^2/NDF : 4803.6/22

In: 92.270+/-0.987 χ^2/NDF : 2544.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.692+/-0.712 χ^2/NDF : 4803.6/22

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.862 $\pm$ 0.604 χ^2 /NDF: 368.0/10

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

Right Out: 7.702 $\pm$ 0.678 χ^2 /NDF: 381.1/11

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

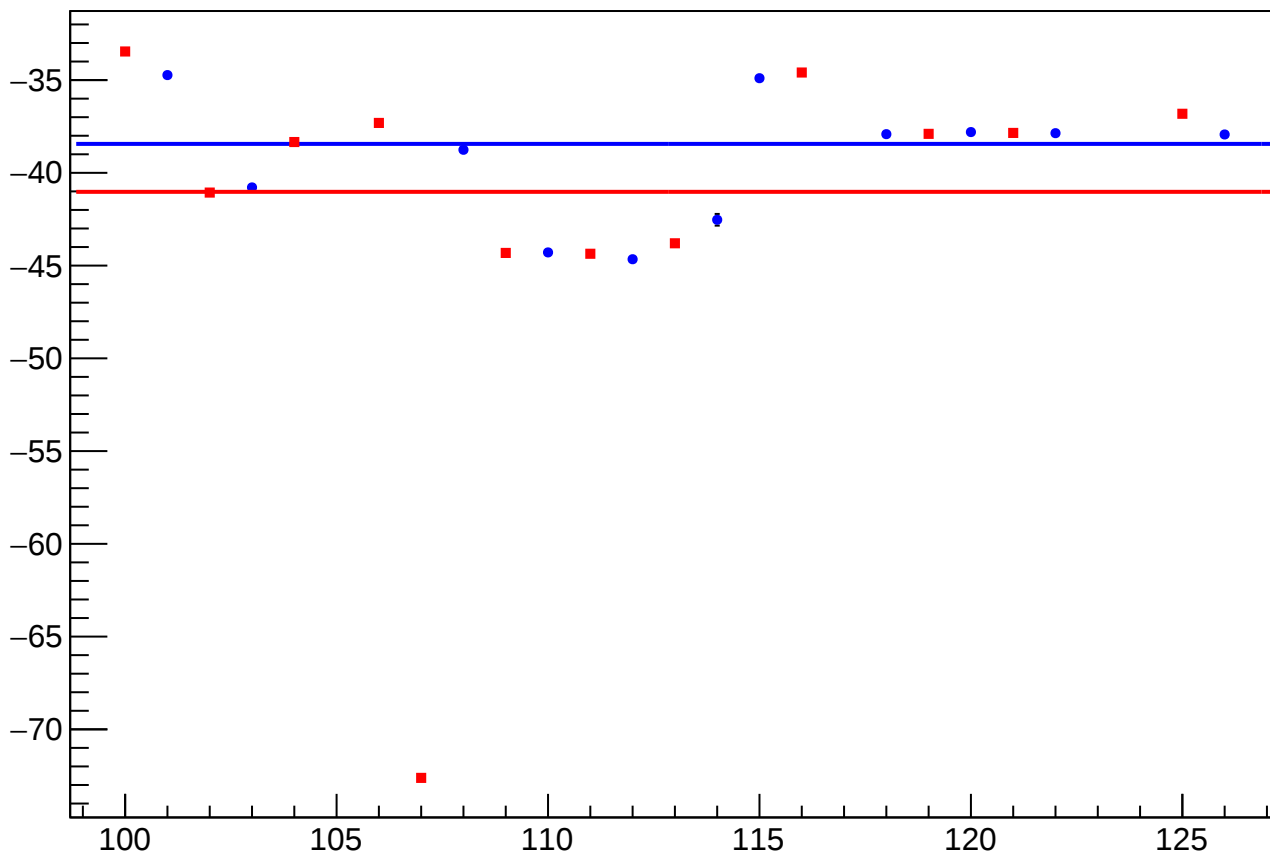
Right: 8.349 $\pm$ 0.451 χ^2 /NDF: 750.7/22

In: 8.862 $\pm$ 0.604 χ^2 /NDF:368.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 8.349 $\pm$ 0.451 χ^2 /NDF: 750.7/22

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.440 $\pm$ 0.035 χ^2/NDF : 7589.2/10

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

Right Out: -41.024 $\pm$ 0.035 χ^2/NDF : 48734.5/11

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

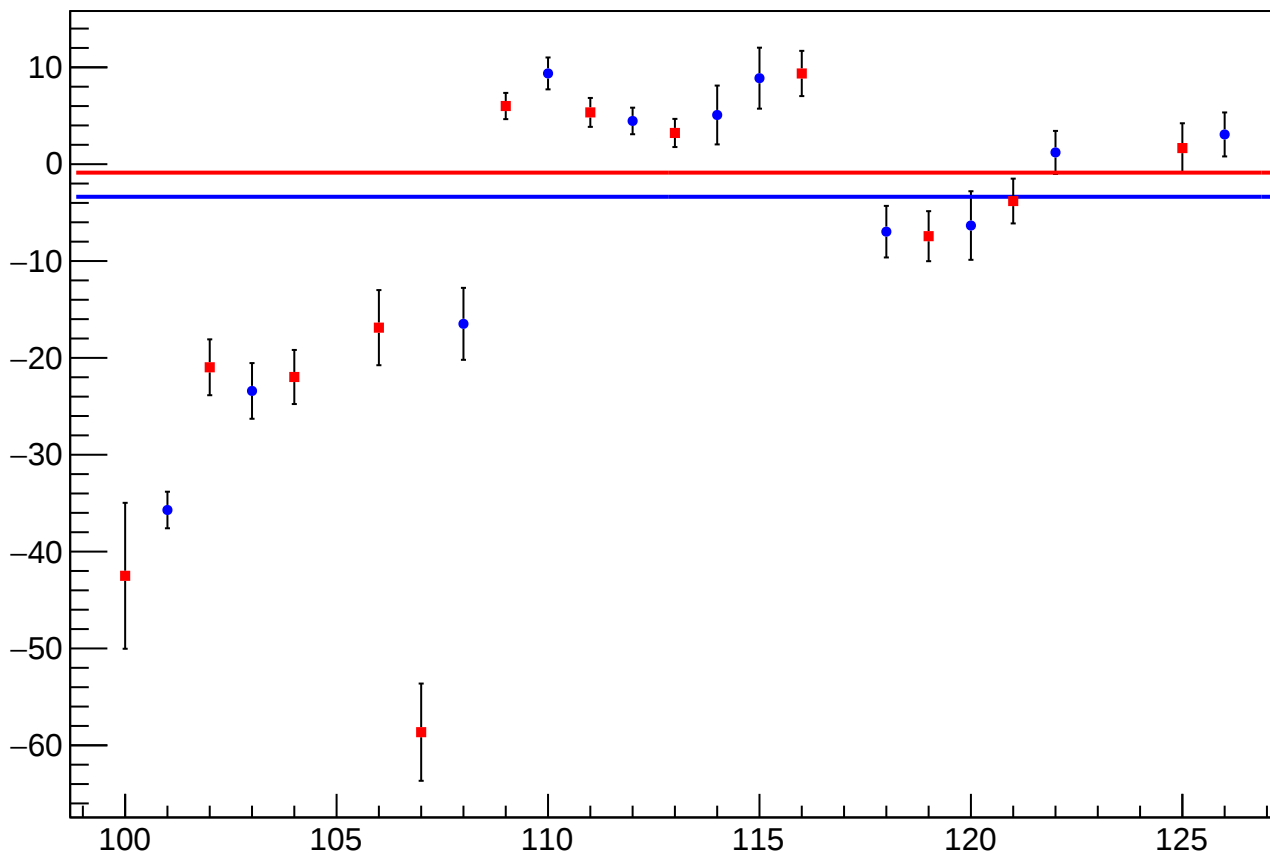
Right: -39.740 $\pm$ 0.025 χ^2/NDF : 59096.0/22

In: -38.440 $\pm$ 0.035 χ^2/NDF : 7589.2/10

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

All: -39.740 $\pm$ 0.025 χ^2/NDF : 59096.0/22

reg_asym_us_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -3.366+/-0.674 χ^2/NDF : 484.5/10

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

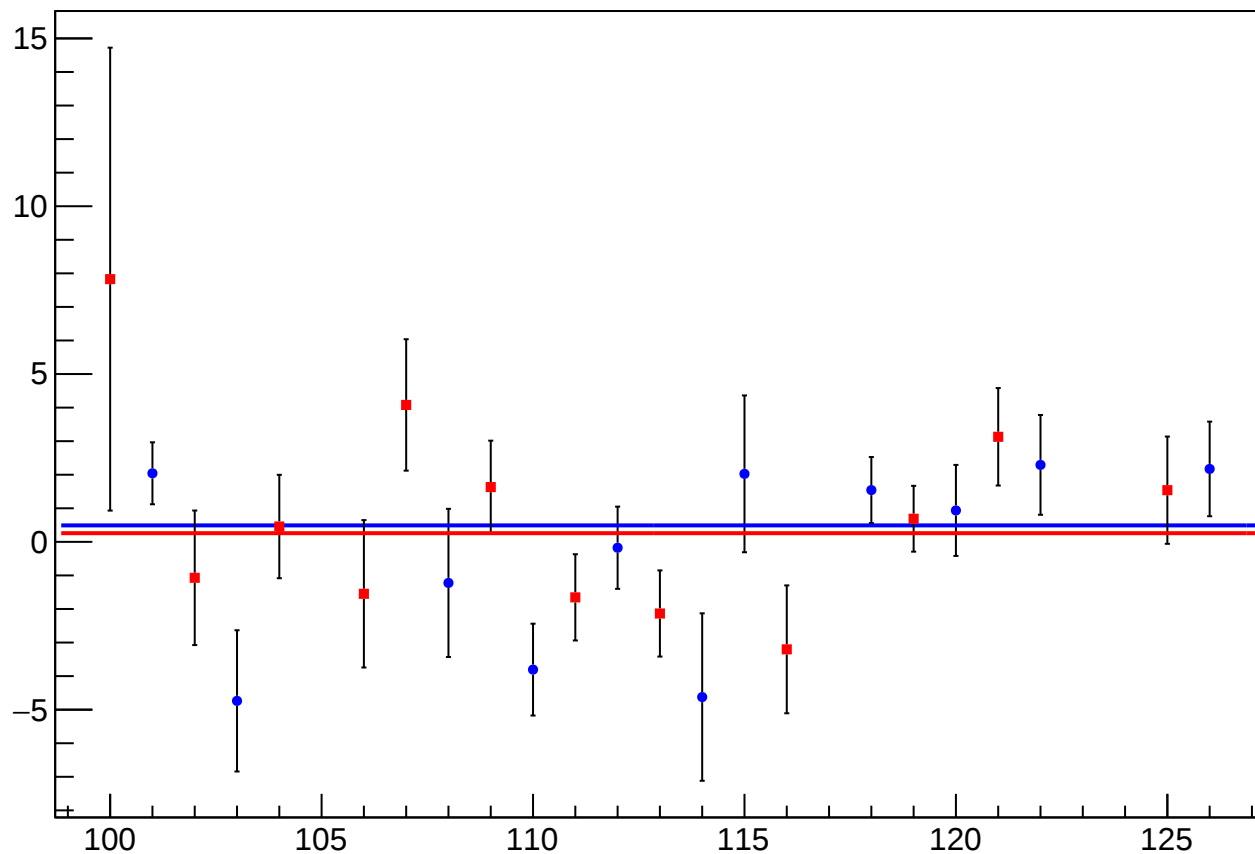
Right: -2.037+/-0.461 χ^2/NDF : 856.8/22

In: -3.366+/-0.674 χ^2/NDF : 484.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.037+/-0.461 χ^2/NDF : 856.8/22

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.491+/-0.420 χ^2/NDF : 28.5/10

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

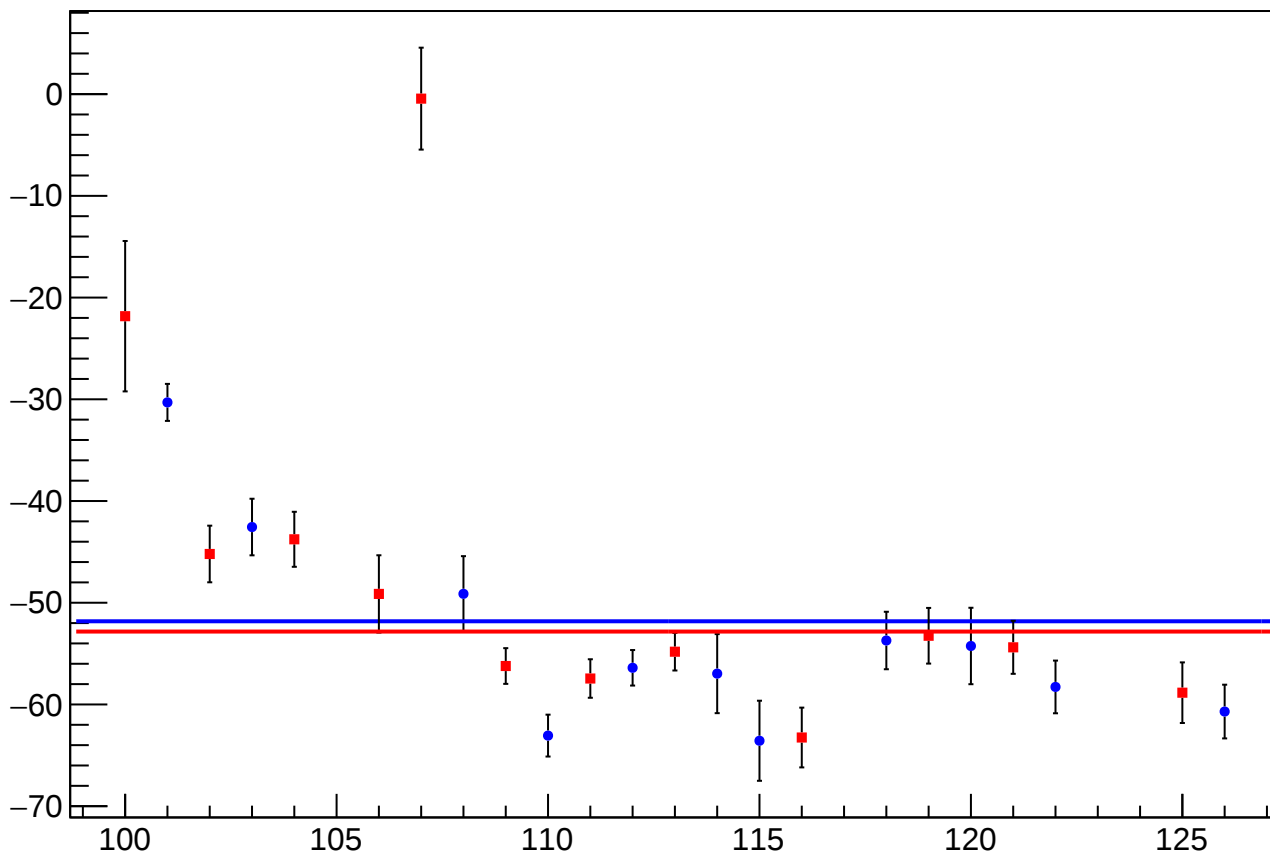
Right: 0.381+/-0.305 χ^2/NDF : 49.6/22

In: 0.491+/-0.420 χ^2/NDF : 28.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.381+/-0.305 χ^2/NDF : 49.6/22

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -51.823+/-0.770 χ^2/NDF : 217.2/10

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

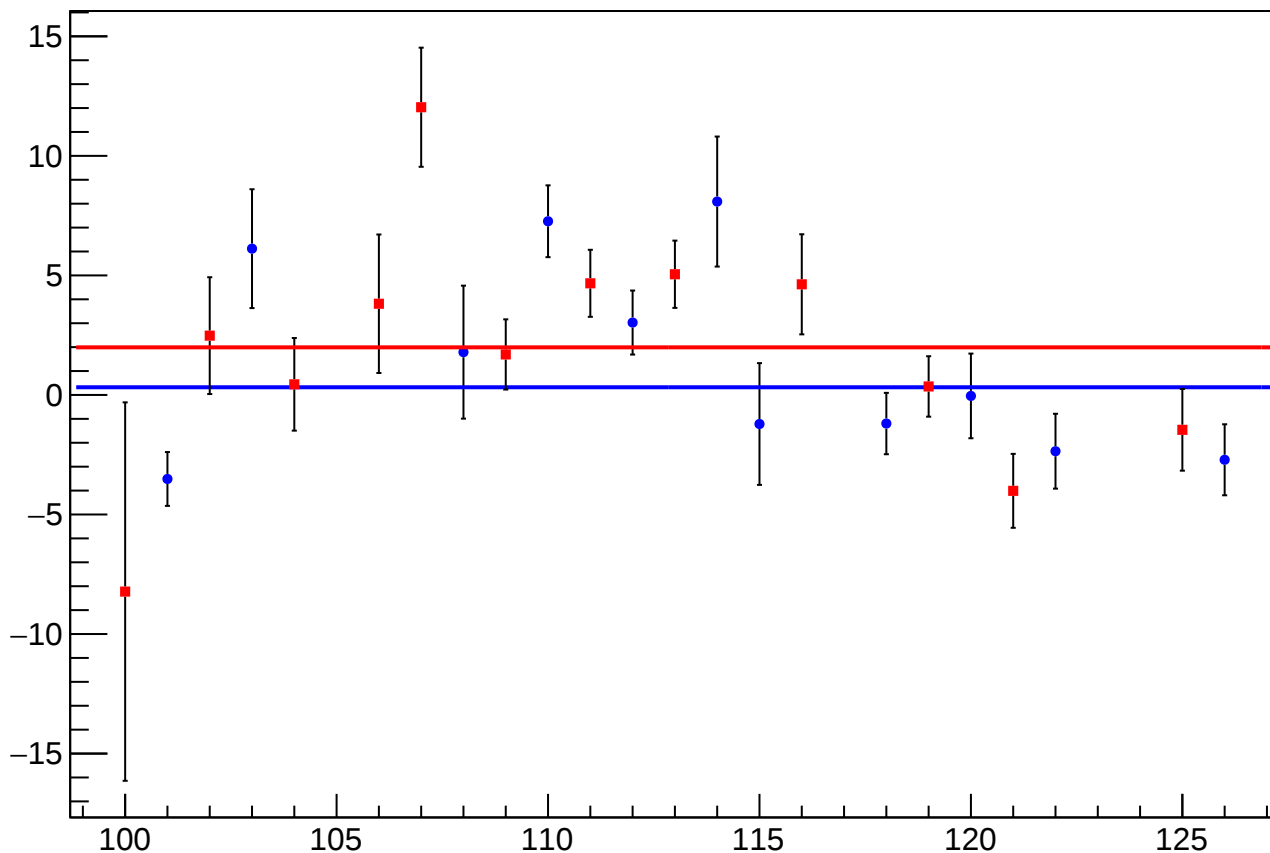
Right: -52.344+/-0.536 χ^2/NDF : 392.6/22

In: -51.823+/-0.770 χ^2/NDF : 217.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.344+/-0.536 χ^2/NDF : 392.6/22

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.322+/-0.490 χ^2/NDF : 59.8/10

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

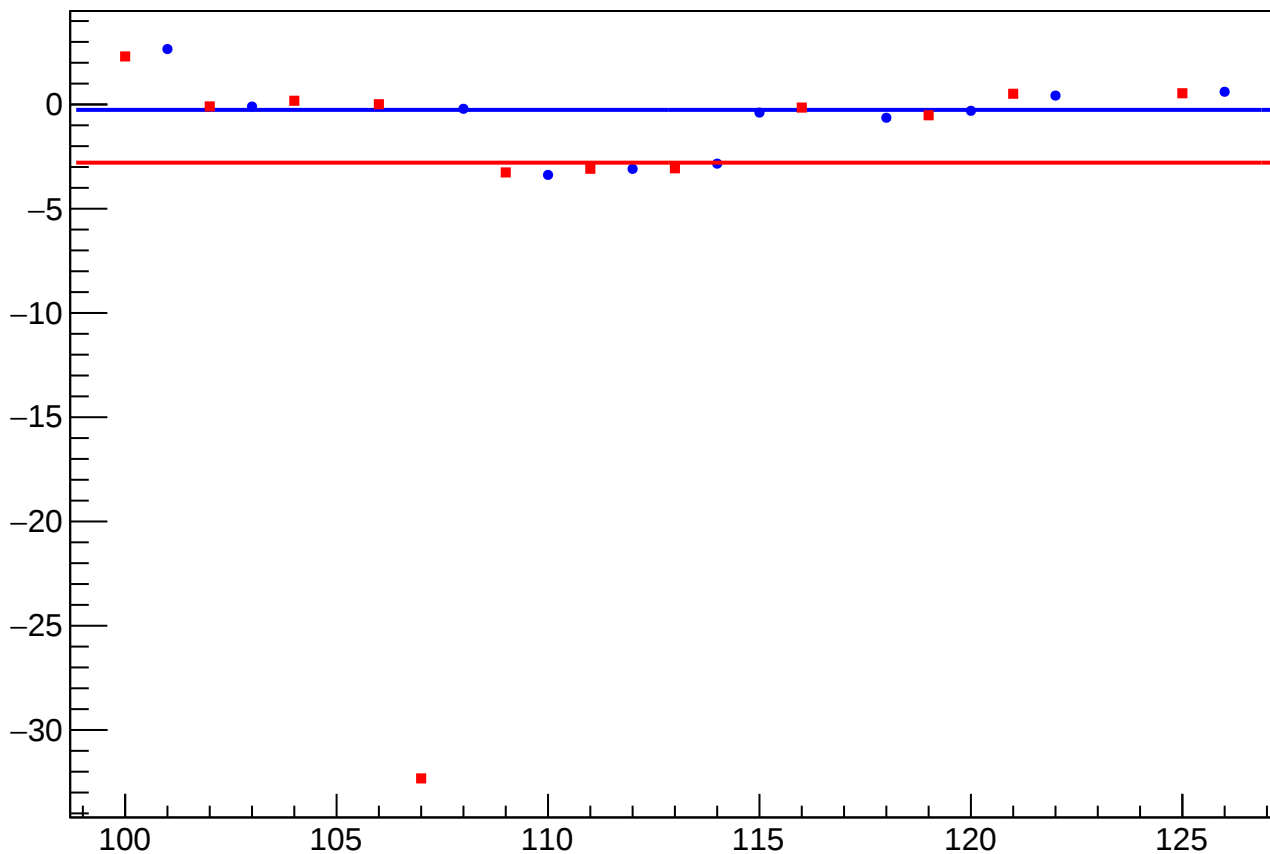
Right: 1.121+/-0.354 χ^2/NDF : 115.2/22

In: 0.322+/-0.490 χ^2/NDF : 59.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.121+/-0.354 χ^2/NDF : 115.2/22

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.260 ± 0.029 $\chi^2/\text{NDF}: 4494.5/10$

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

Right Out: -2.791 ± 0.027 $\chi^2/\text{NDF}: 72964.7/11$

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

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

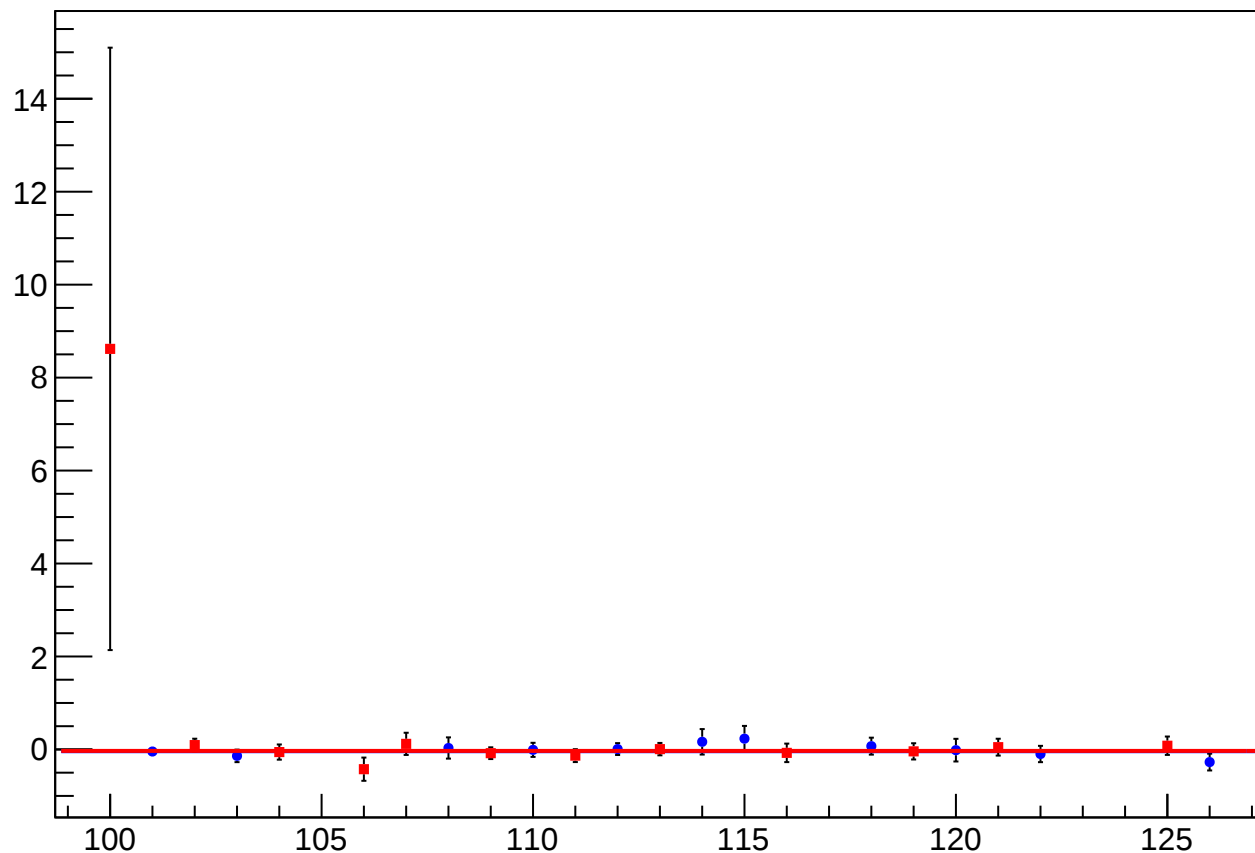
Right: -1.579 ± 0.020 $\chi^2/\text{NDF}: 81535.9/22$

In: -0.260 ± 0.029 $\chi^2/\text{NDF}: 4494.5/10$

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

All: -1.579 ± 0.020 $\chi^2/\text{NDF}: 81535.9/22$

reg_asym_ds_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.038 ± 0.049 χ^2/NDF : 4.5/10

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

Right Out: -0.032 ± 0.049 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

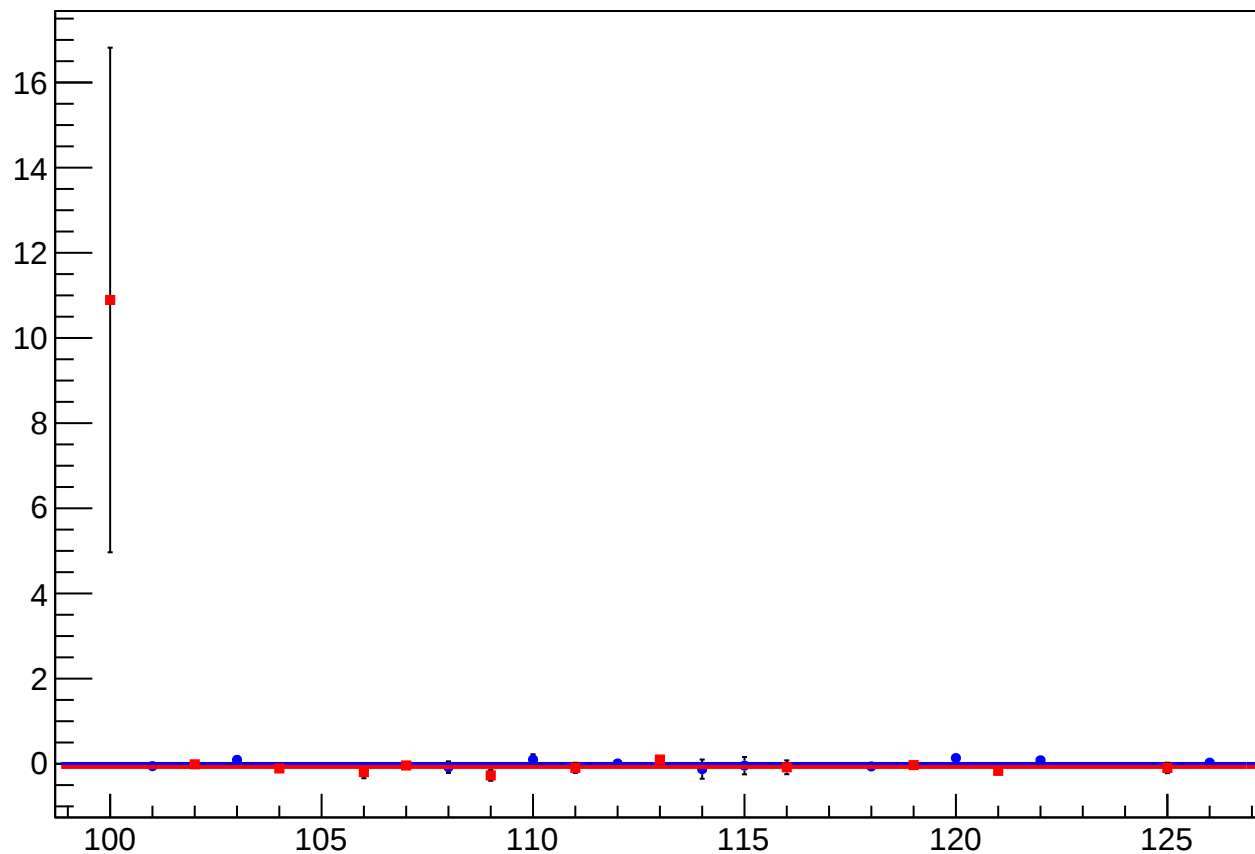
Right: -0.035 ± 0.035 χ^2/NDF : 11.4/22

In: -0.038 ± 0.049 χ^2/NDF : 4.5/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.035 ± 0.035 χ^2/NDF : 11.4/22

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.004 ± 0.028 χ^2/NDF : 6.9/10

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

Right Out: -0.074 ± 0.032 χ^2/NDF : 10.6/11

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

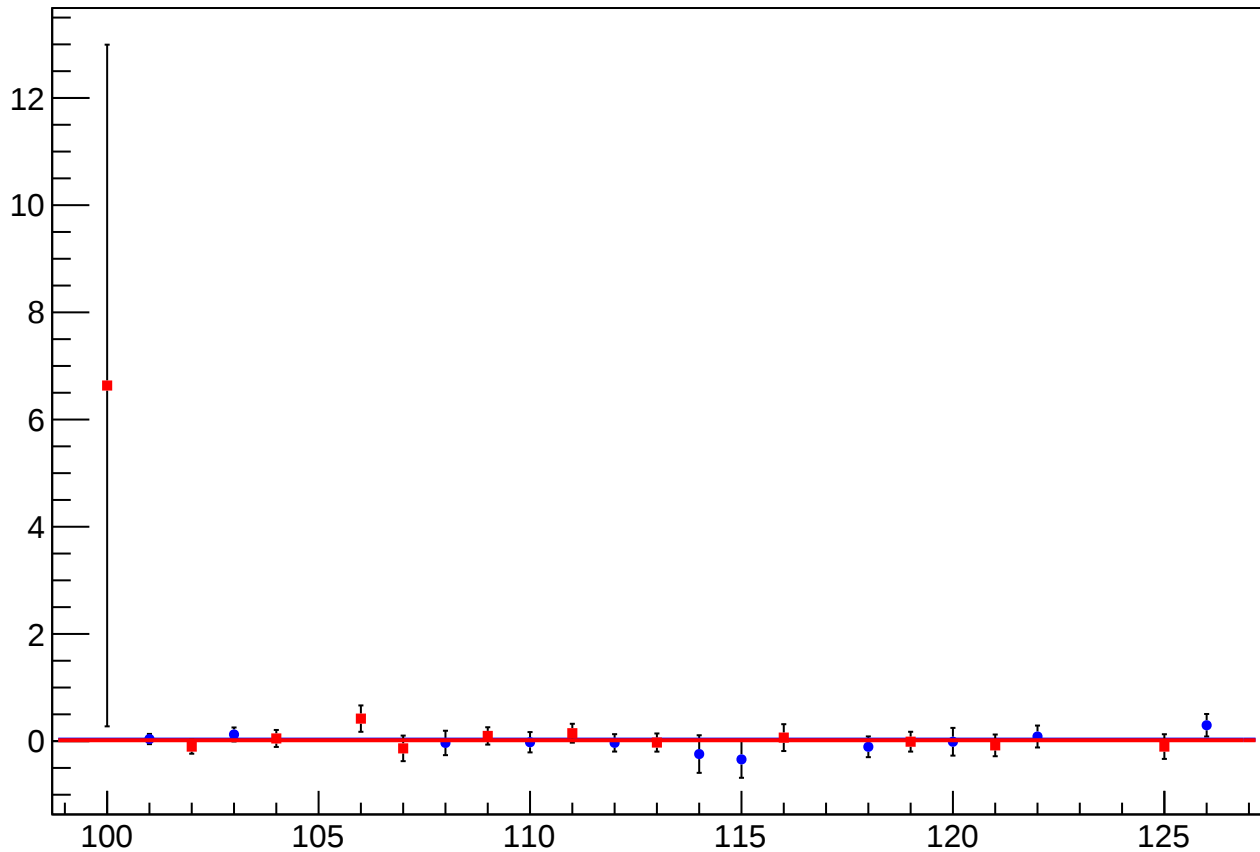
Right: -0.035 ± 0.021 χ^2/NDF : 20.3/22

In: -0.004 ± 0.028 χ^2/NDF : 6.9/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.035 ± 0.021 χ^2/NDF : 20.3/22

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.028+/-0.053 χ^2/NDF : 4.8/10

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

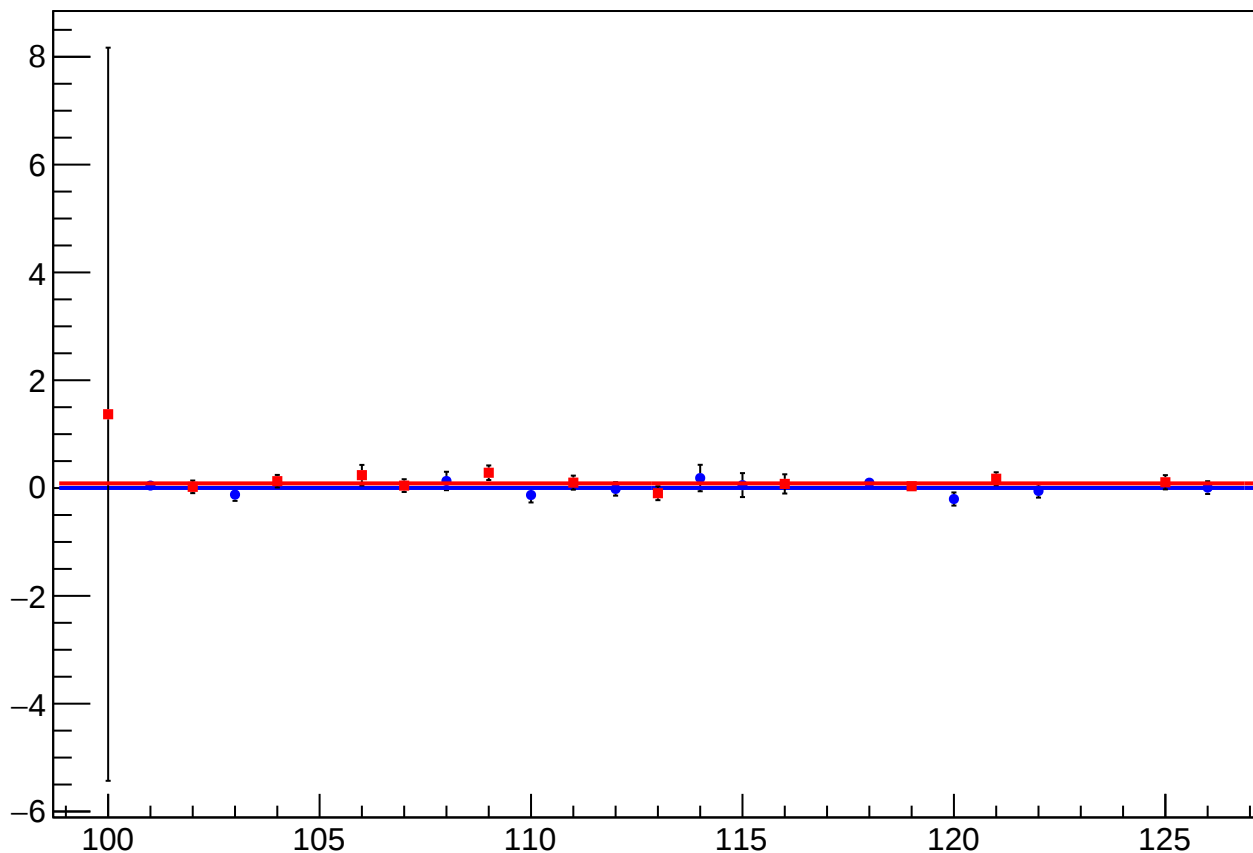
Right: 0.023+/-0.038 χ^2/NDF : 11.3/22

In: 0.028+/-0.053 χ^2/NDF : 4.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.038 χ^2/NDF : 11.3/22

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.034 χ^2 /NDF: 8.1/10

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

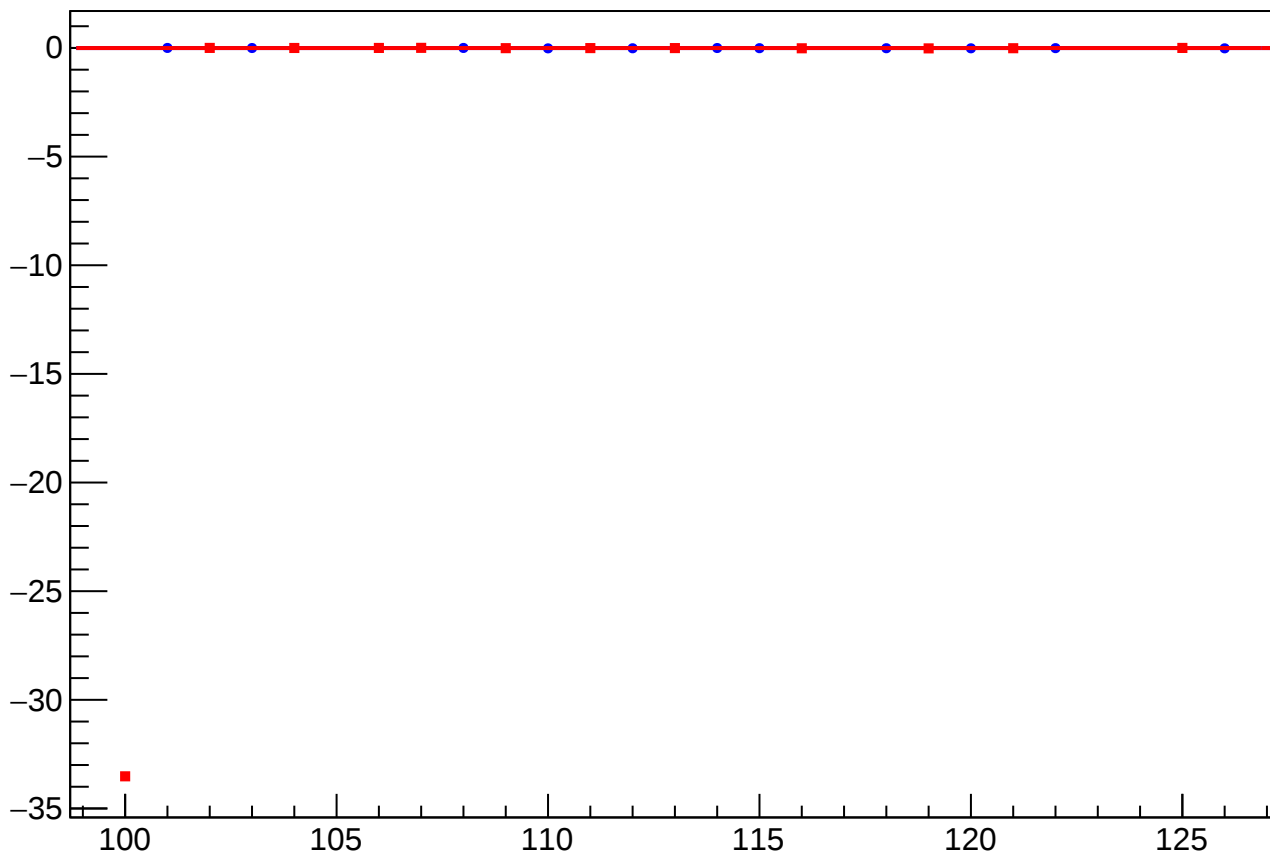
Right: 0.040 $\pm$ 0.025 χ^2 /NDF: 17.2/22

In: 0.002 $\pm$ 0.034 χ^2 /NDF:8.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.040 $\pm$ 0.025 χ^2 /NDF: 17.2/22

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.002 χ^2 /NDF: 12.3/10

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

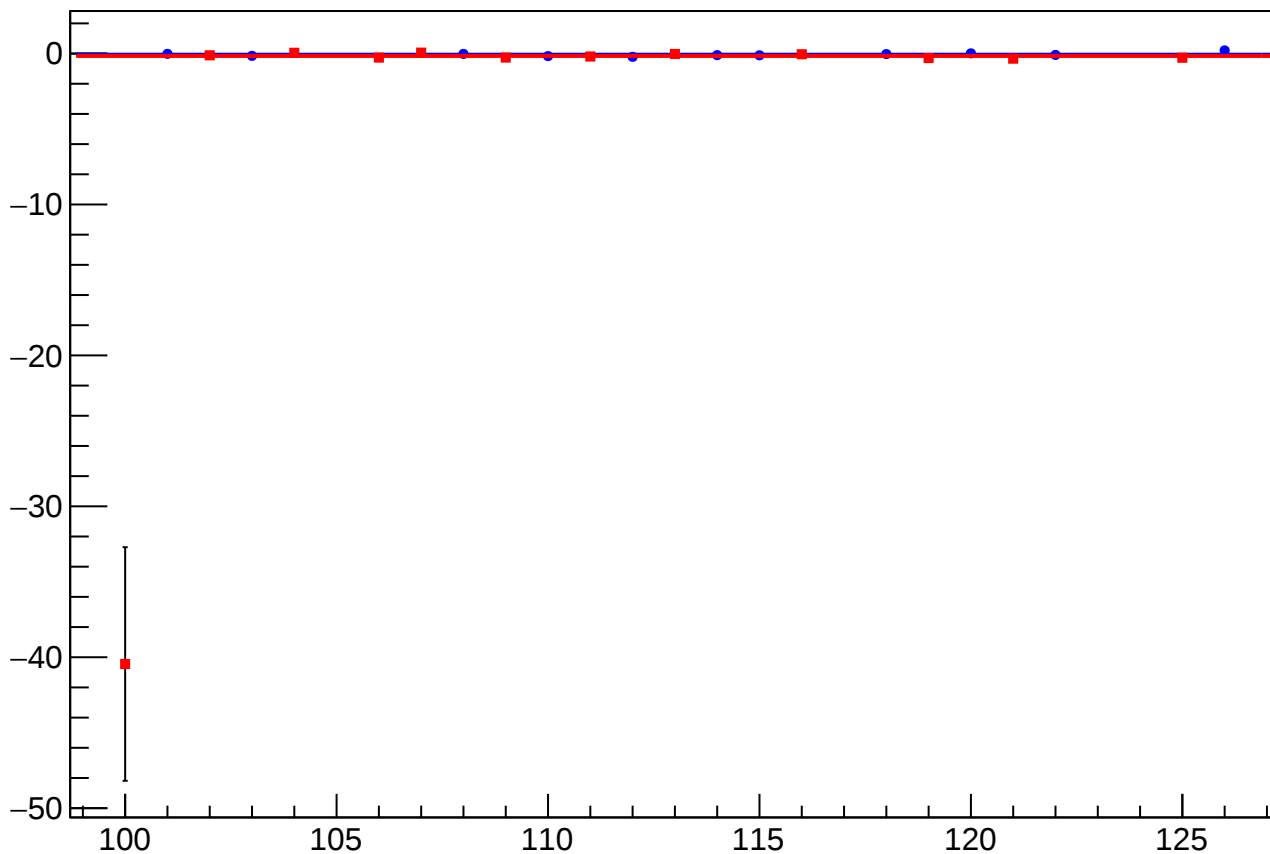
Right: -0.004 $\pm$ 0.001 χ^2 /NDF: 26513.8/22

In: -0.004 $\pm$ 0.002 χ^2 /NDF:12.3/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.001 χ^2 /NDF: 26513.8/22

reg_asym_ds_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.076 $\pm$ 0.049 χ^2 /NDF: 5.0/10

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

Right Out: -0.158 $\pm$ 0.049 χ^2 /NDF: 34.0/11

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

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

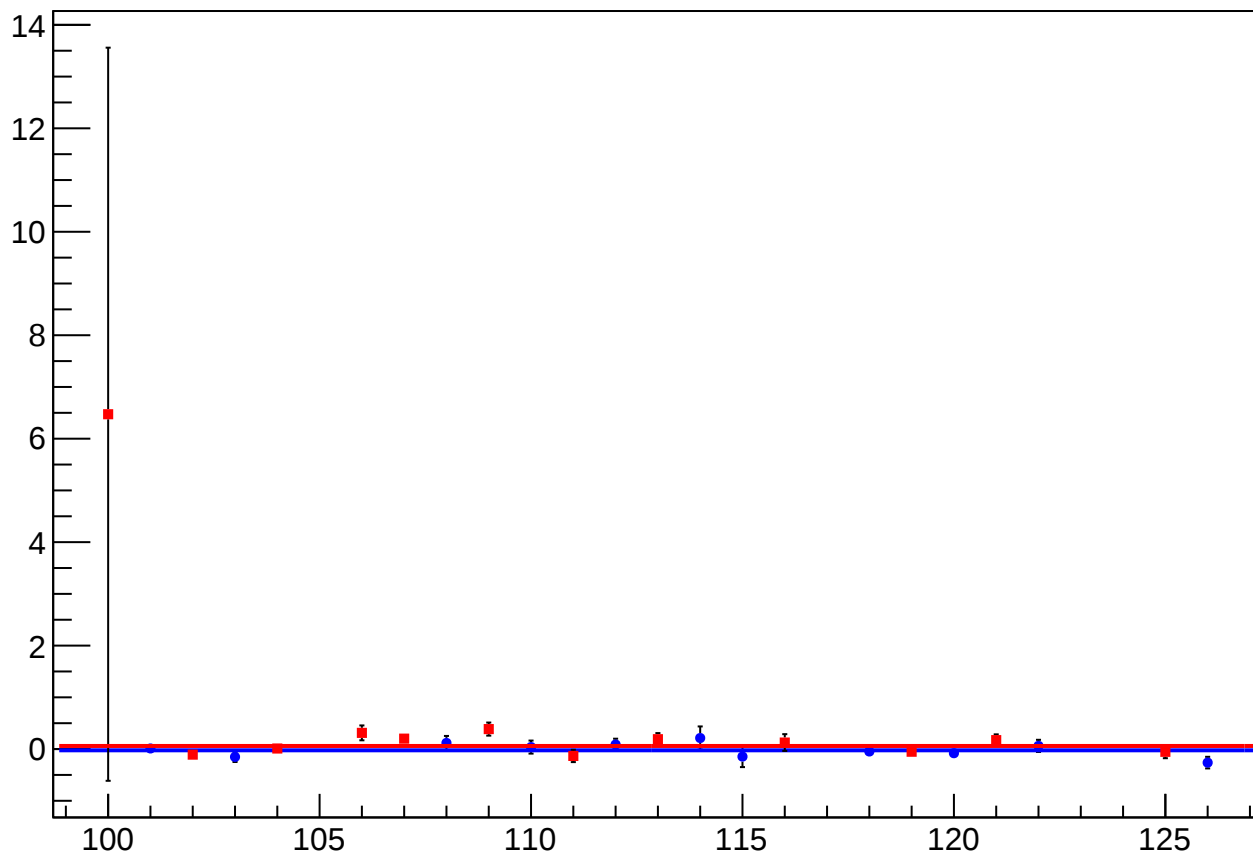
Right: -0.117 $\pm$ 0.035 χ^2 /NDF: 40.4/22

In: -0.076 $\pm$ 0.049 χ^2 /NDF:5.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.117 $\pm$ 0.035 χ^2 /NDF: 40.4/22

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024 ± 0.028 χ^2/NDF : 11.5/10

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

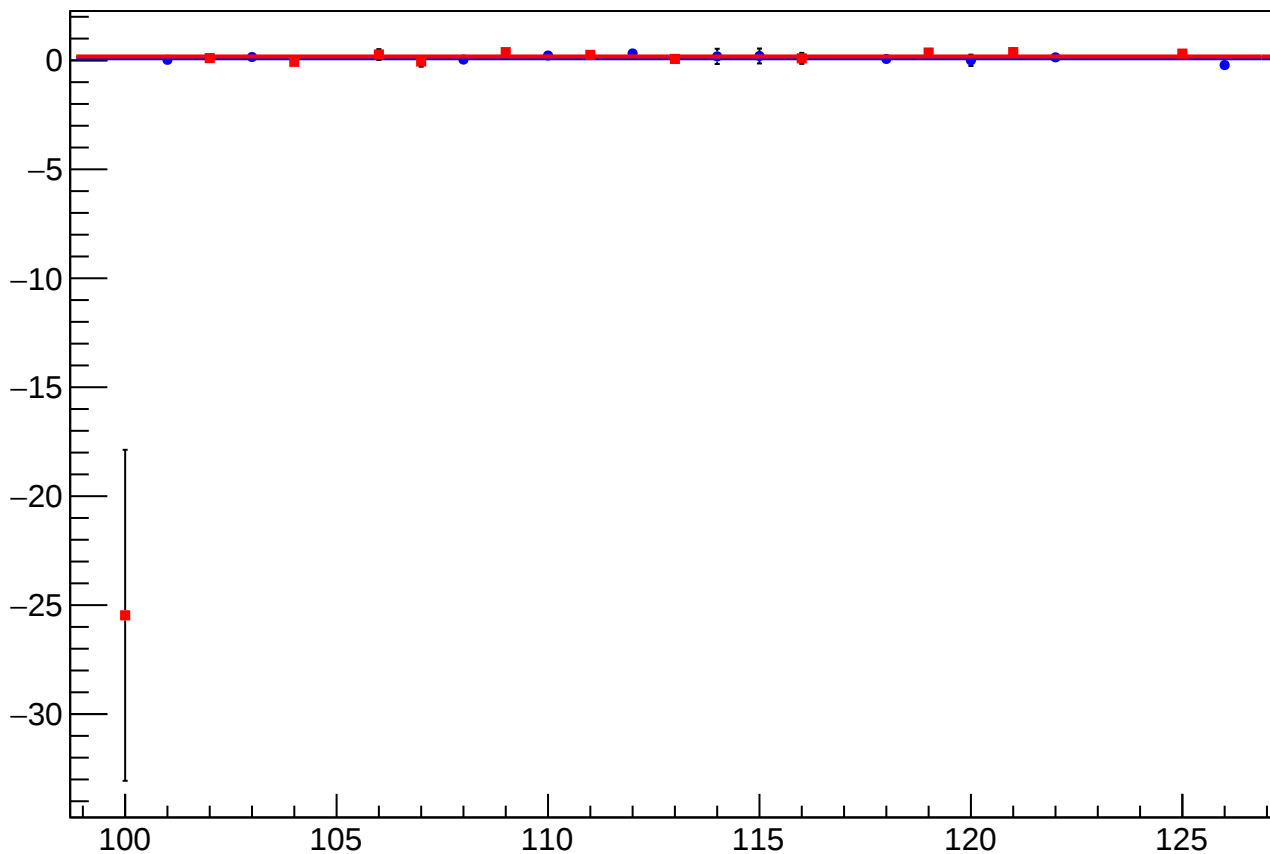
Right: 0.013 ± 0.021 χ^2/NDF : 40.3/22

In: -0.024 ± 0.028 χ^2/NDF : 11.5/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.013 ± 0.021 χ^2/NDF : 40.3/22

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.096 $\pm$ 0.053 χ^2 /NDF: 5.7/10

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

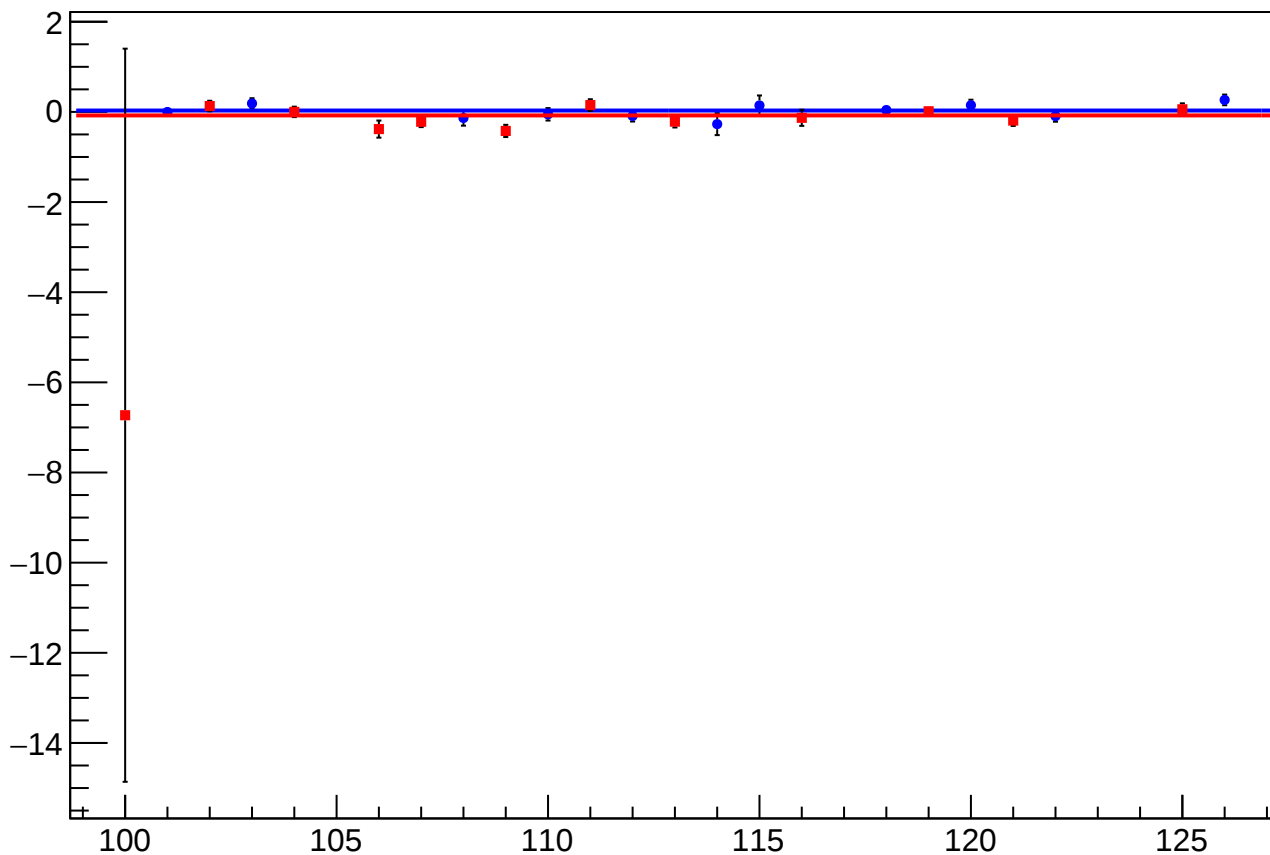
Right: 0.136 $\pm$ 0.038 χ^2 /NDF: 26.6/22

In: 0.096 $\pm$ 0.053 χ^2 /NDF:5.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.136 $\pm$ 0.038 χ^2 /NDF: 26.6/22

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.030+/-0.034 χ^2/NDF : 12.1/10

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

Right Out: -0.078+/-0.037 χ^2/NDF : 22.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

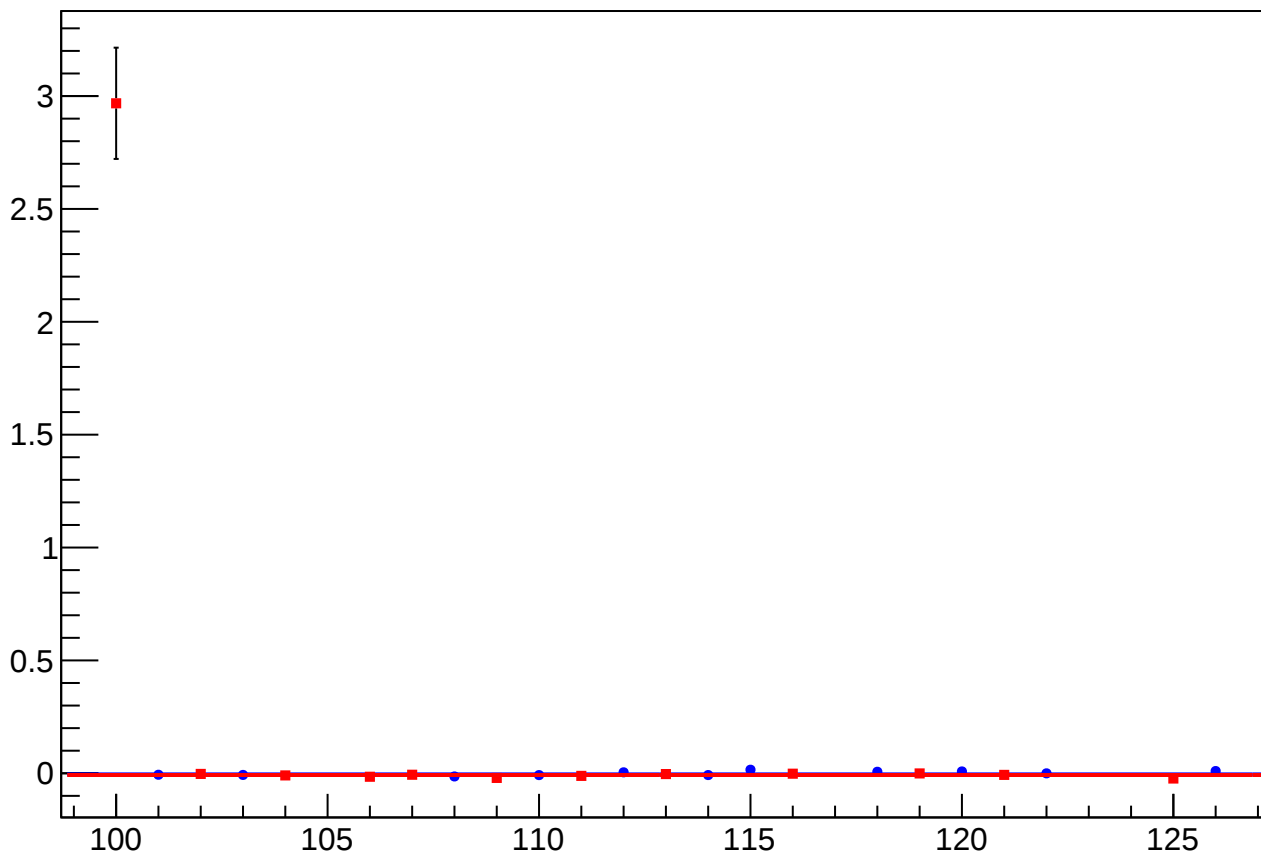
Right: -0.018+/-0.025 χ^2/NDF : 38.9/22

In: 0.030+/-0.034 χ^2/NDF : 12.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.025 χ^2/NDF : 38.9/22

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.002 χ^2 /NDF: 14.1/10

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

Right Out: -0.008 $\pm$ 0.002 χ^2 /NDF: 157.6/11

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

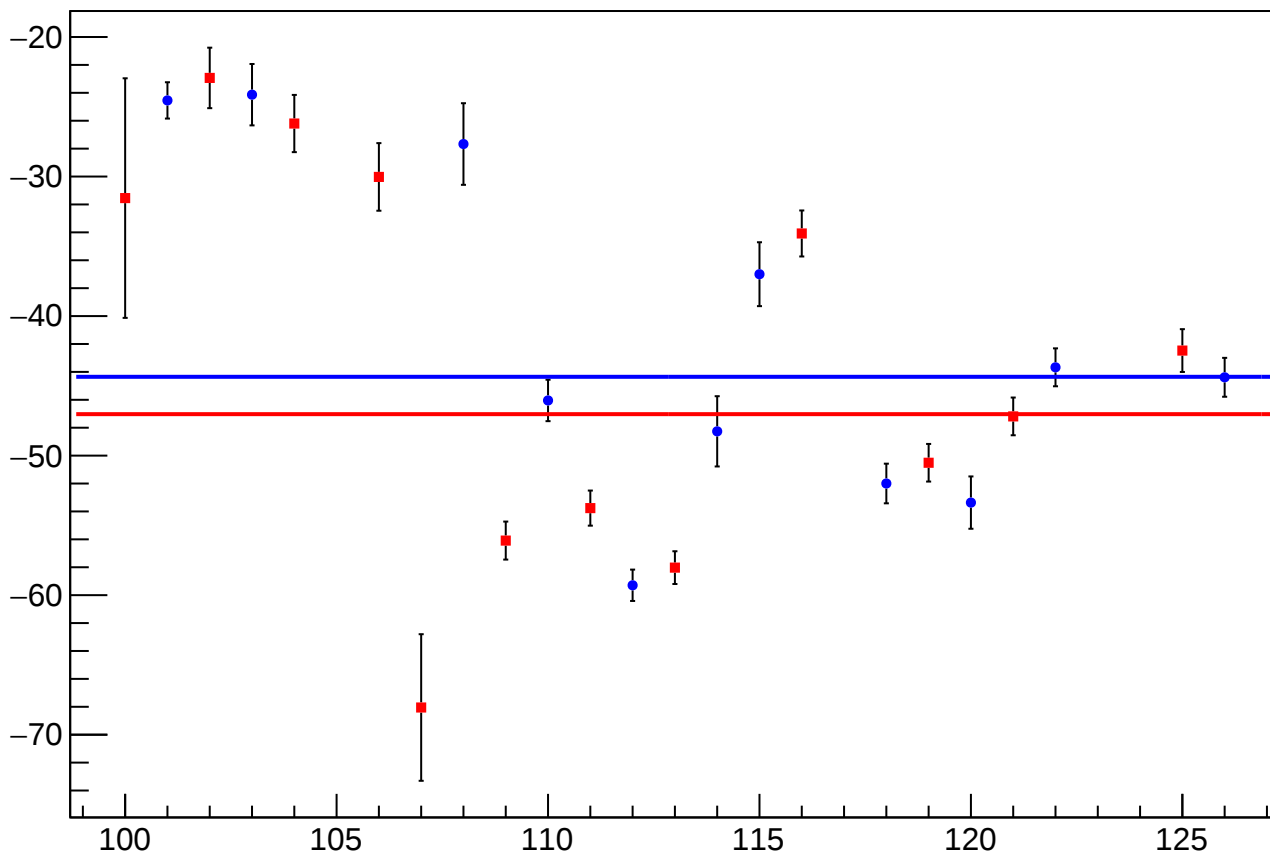
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 172.8/22

In: -0.005 $\pm$ 0.002 χ^2 /NDF:14.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.001 χ^2 /NDF: 172.8/22

reg_asym_left_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -44.351 $\pm$ 0.480 χ^2 /NDF: 591.7/10

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

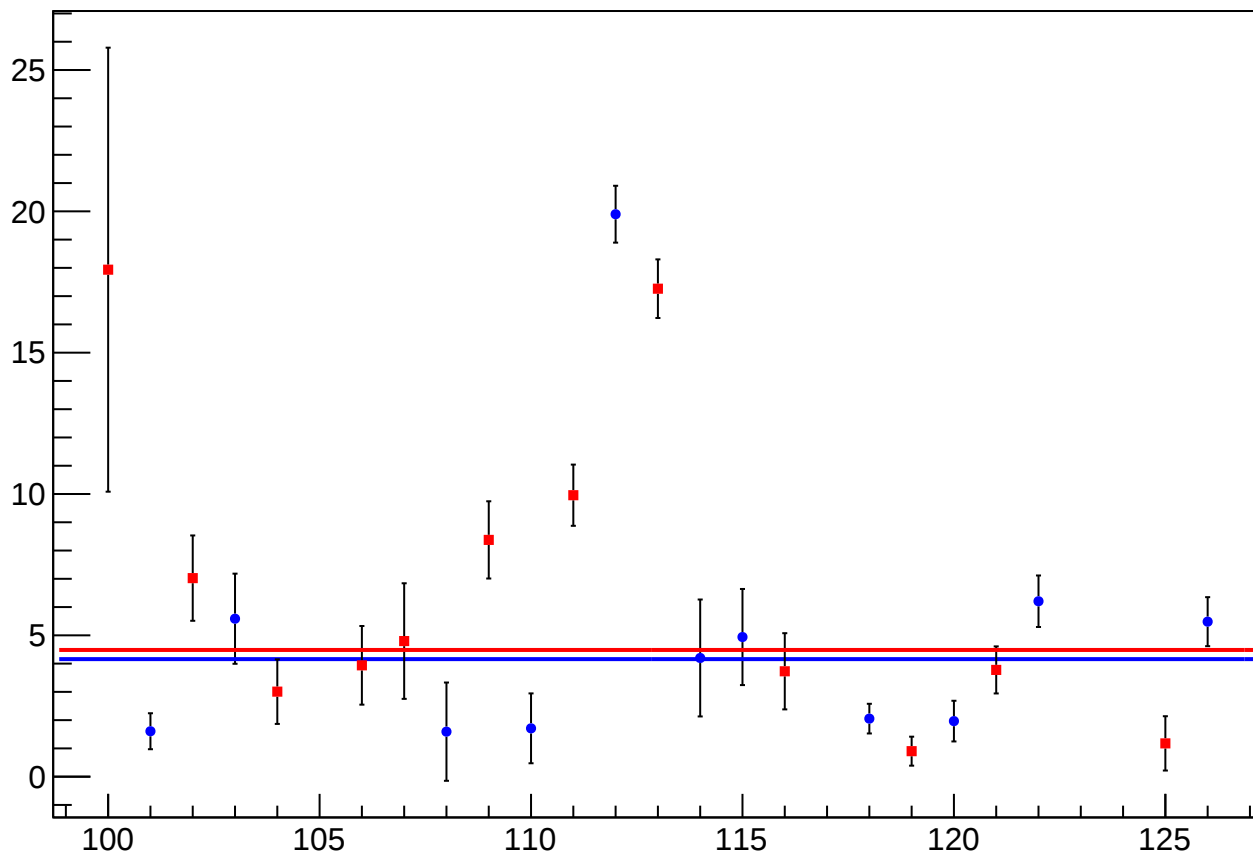
Right: -45.707 $\pm$ 0.337 χ^2 /NDF: 1140.7/22

In: -44.351 $\pm$ 0.480 χ^2 /NDF:591.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -45.707 $\pm$ 0.337 χ^2 /NDF: 1140.7/22

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.159+/-0.272 χ^2/NDF : 300.8/10

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

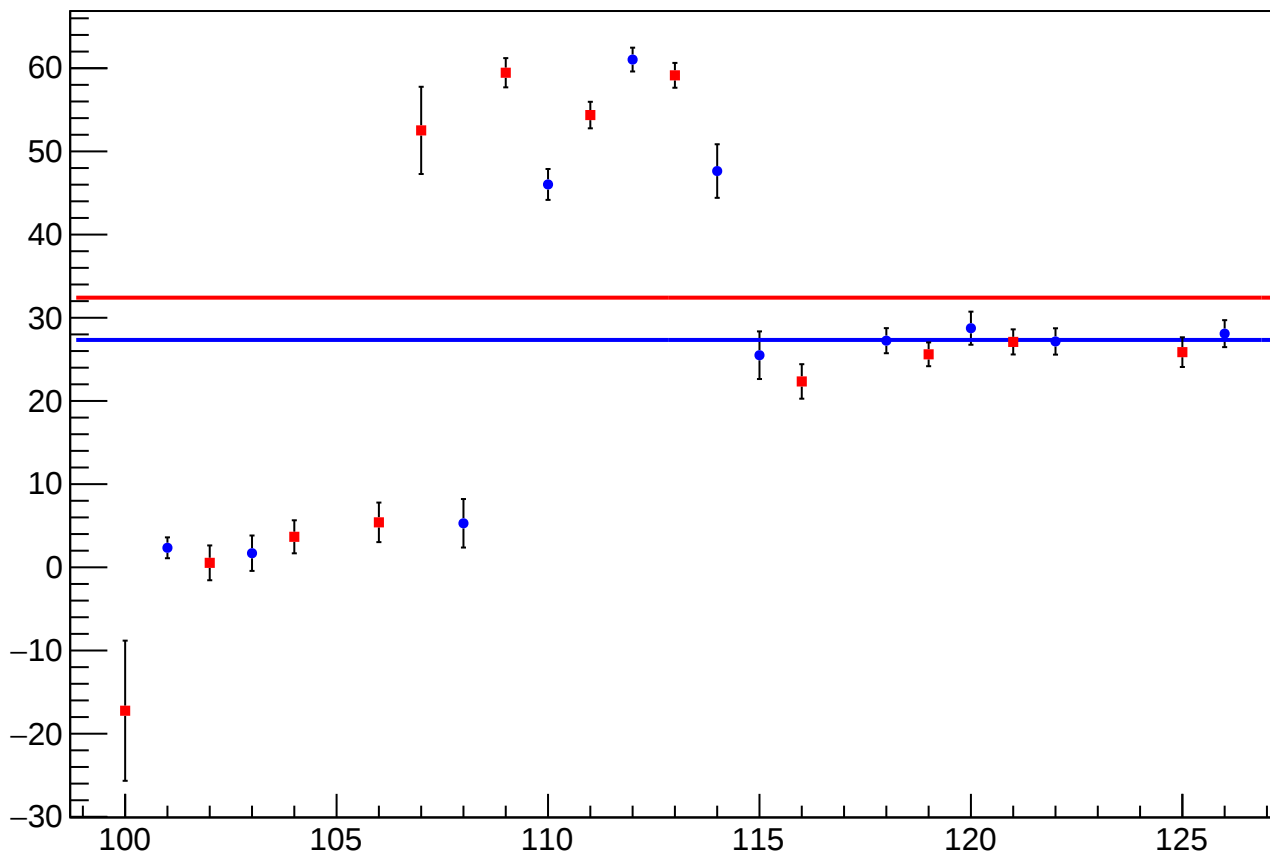
Right: 4.305+/-0.201 χ^2/NDF : 556.3/22

In: 4.159+/-0.272 χ^2/NDF : 300.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.305+/-0.201 χ^2/NDF : 556.3/22

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.335+/-0.539 χ^2/NDF : 1296.2/10

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

Right Out: 32.418+/-0.546 χ^2/NDF : 1439.7/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

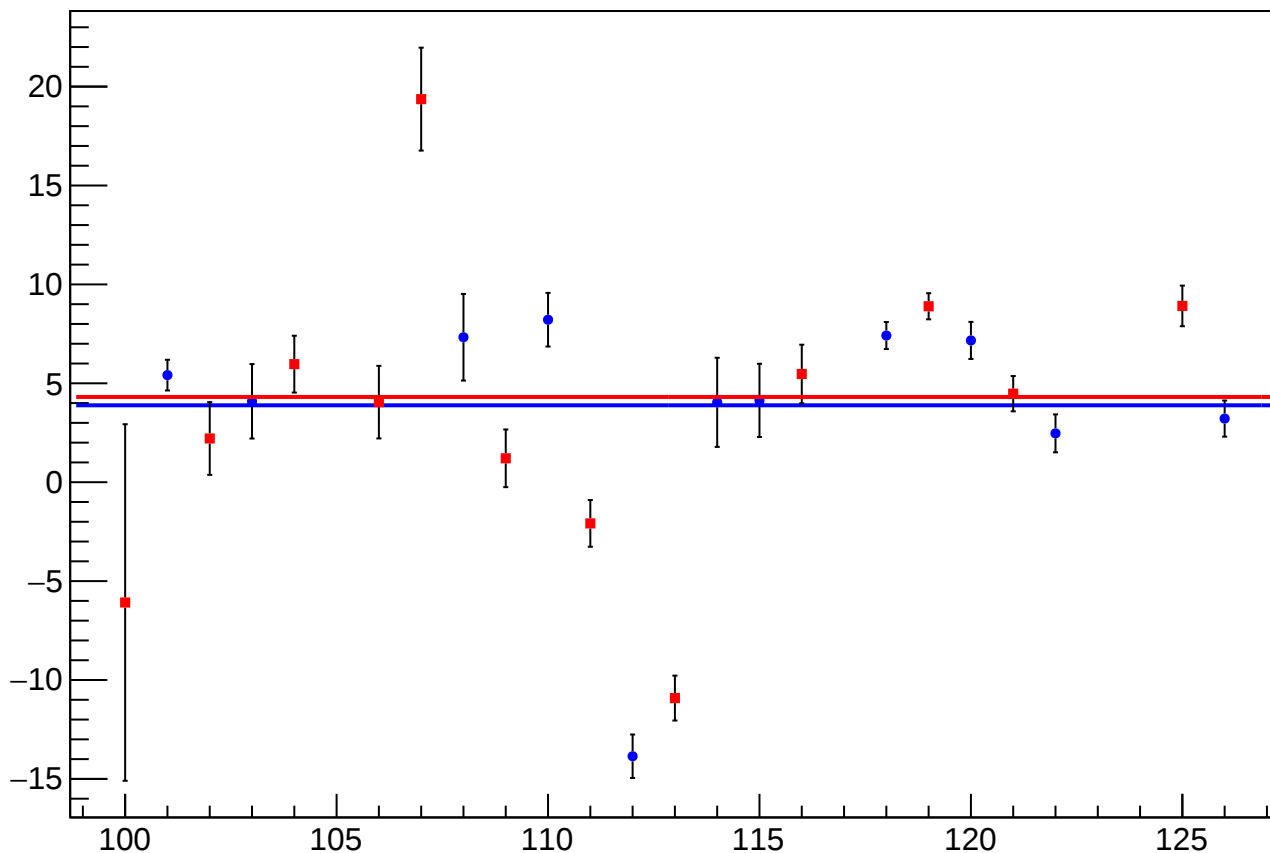
Right: 29.842+/-0.384 χ^2/NDF : 2779.8/22

In: 27.335+/-0.539 χ^2/NDF : 1296.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.842+/-0.384 χ^2/NDF : 2779.8/22

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.888+/-0.323 χ^2/NDF : 318.7/10

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

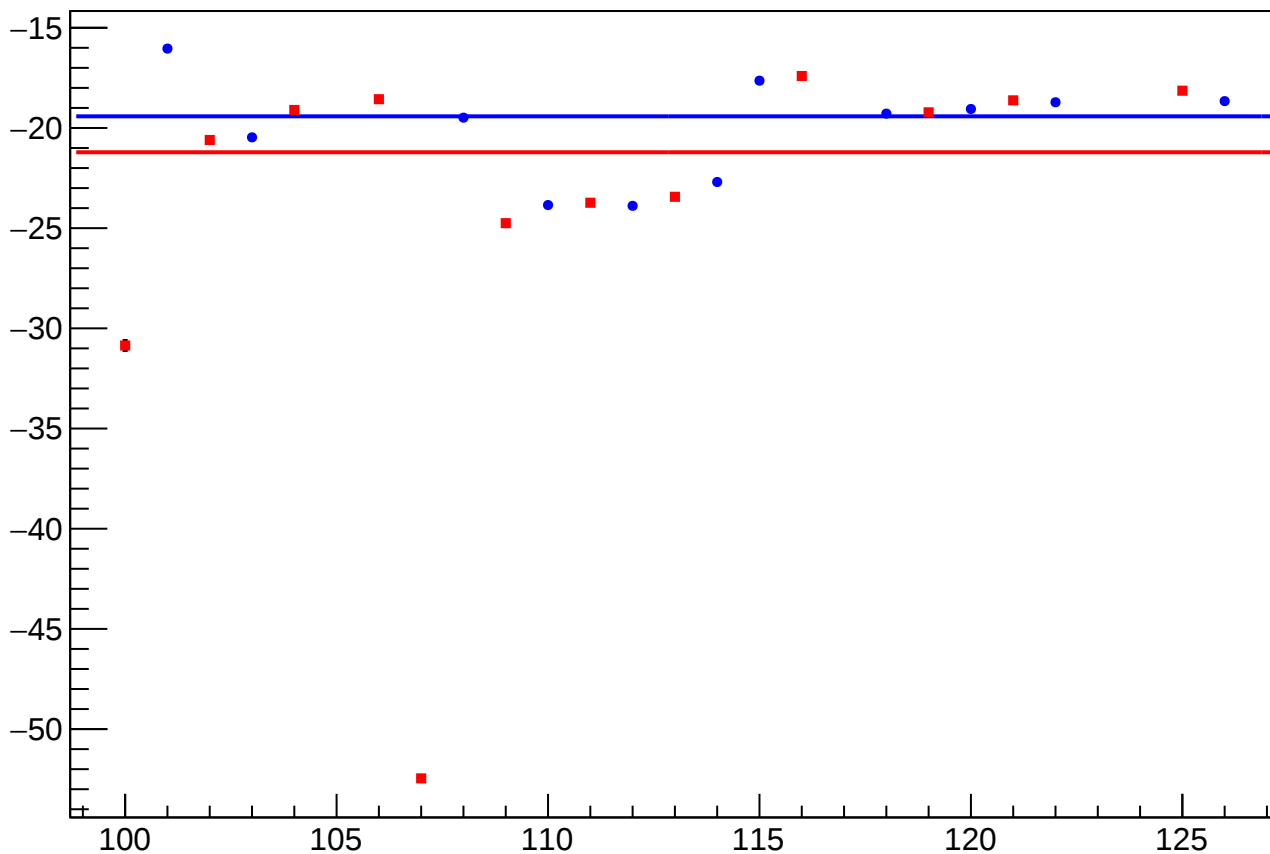
Right: 4.082+/-0.237 χ^2/NDF : 639.3/22

In: 3.888+/-0.323 χ^2/NDF : 318.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.082+/-0.237 χ^2/NDF : 639.3/22

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.419+/-0.020 χ^2/NDF : 13948.0/10

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

Right Out: -21.212+/-0.020 χ^2/NDF : 82292.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

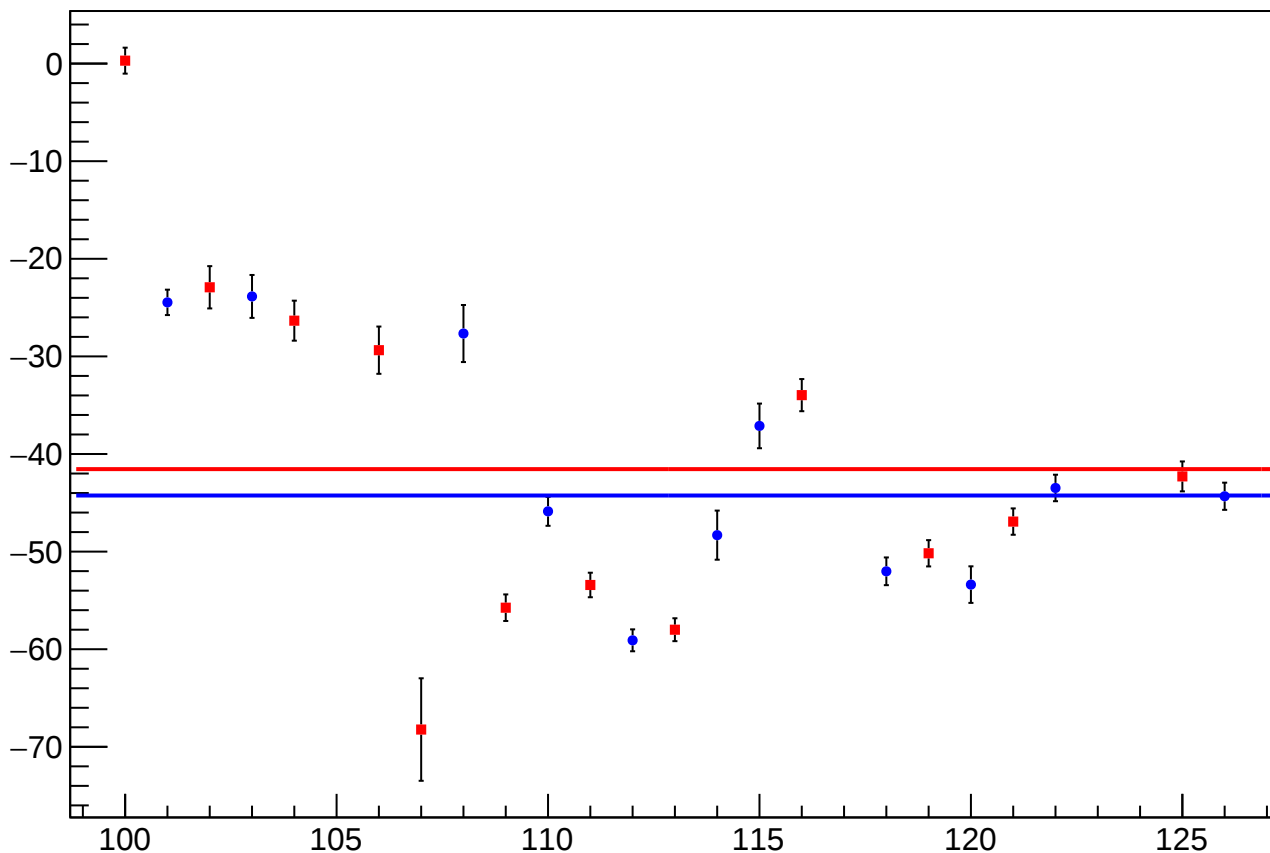
Right: -20.323+/-0.014 χ^2/NDF : 100199.1/22

In: -19.419+/-0.020 χ^2/NDF : 13948.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.323+/-0.014 χ^2/NDF : 100199.1/22

reg_asym_left_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -44.252 $\pm$ 0.479 χ^2 /NDF: 591.6/10

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

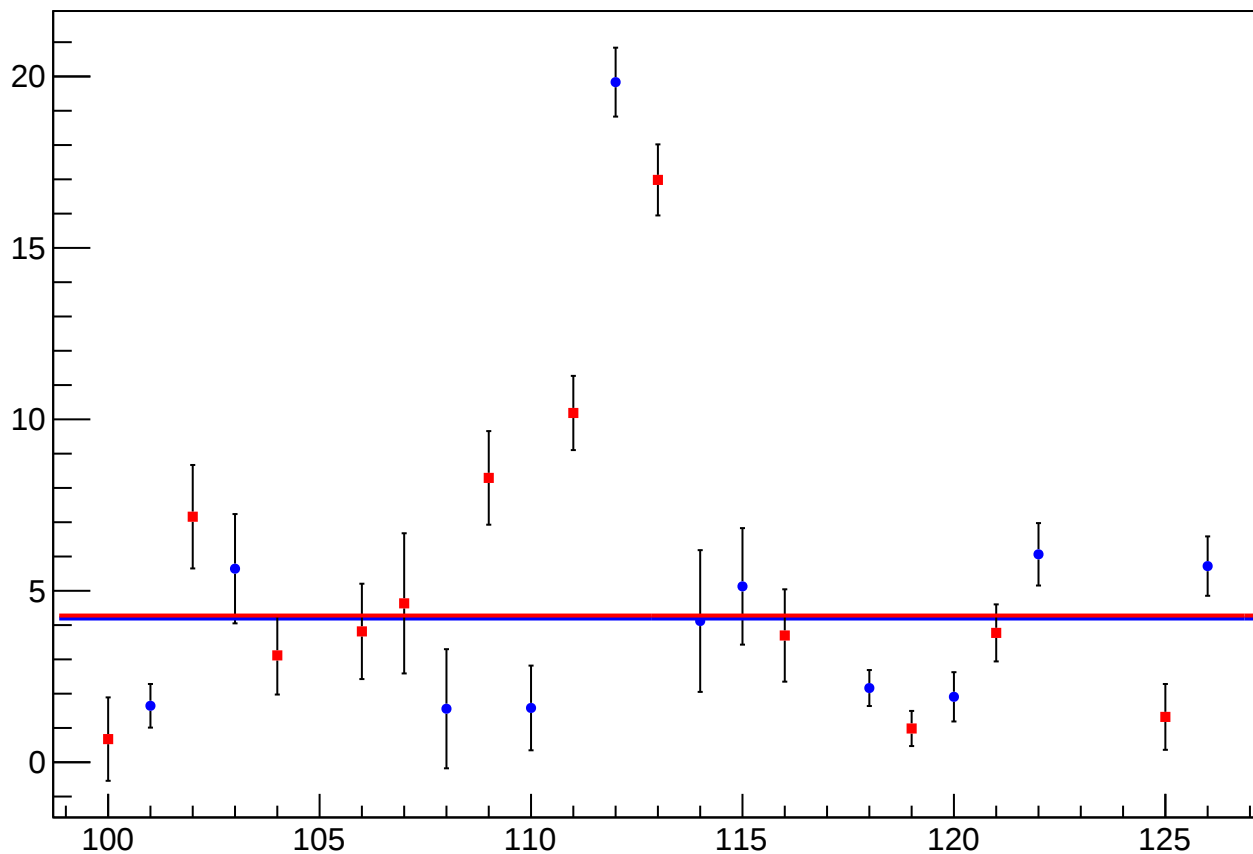
Right: -42.804 $\pm$ 0.327 χ^2 /NDF: 2251.9/22

In: -44.252 $\pm$ 0.479 χ^2 /NDF:591.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -42.804 $\pm$ 0.327 χ^2 /NDF: 2251.9/22

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.192+/-0.272 χ^2/NDF : 298.5/10

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

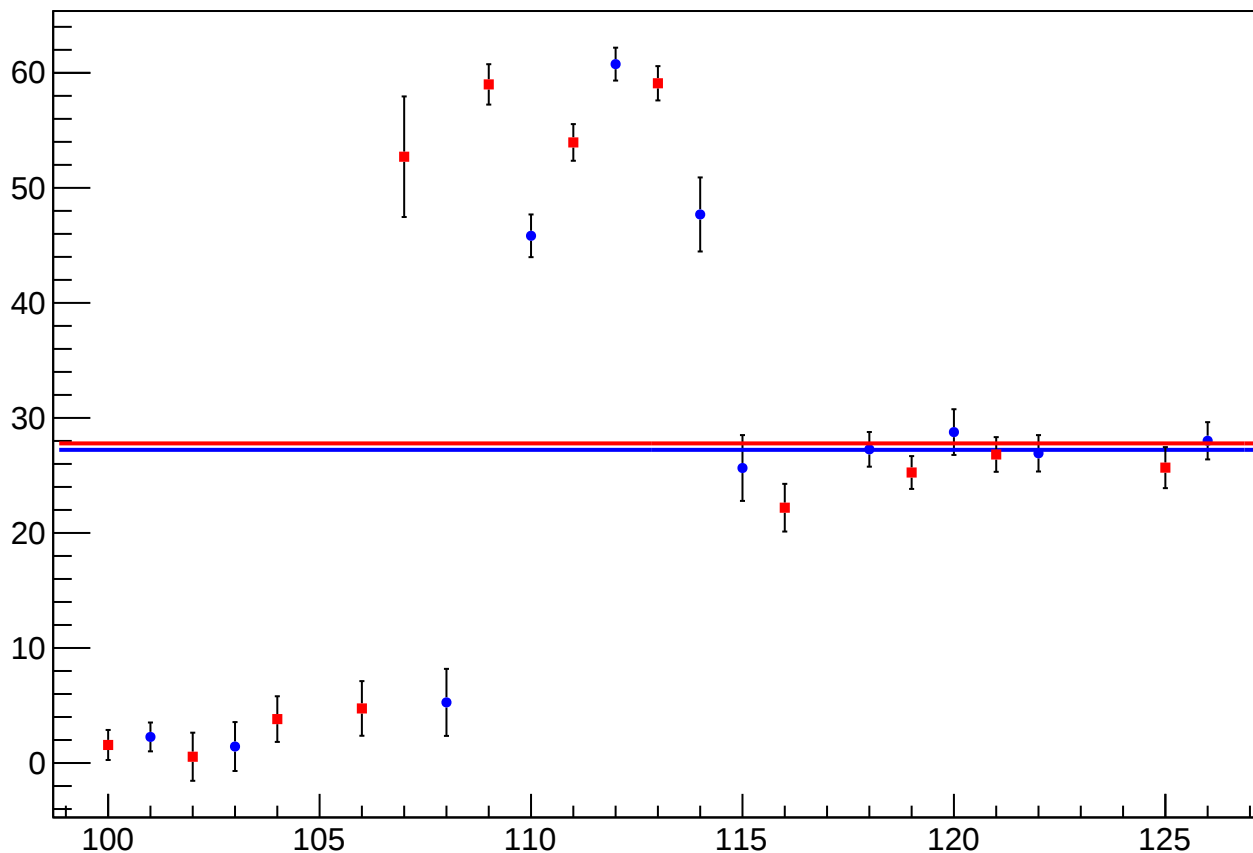
Right: 4.232+/-0.198 χ^2/NDF : 552.2/22

In: 4.192+/-0.272 χ^2/NDF : 298.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.232+/-0.198 χ^2/NDF : 552.2/22

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.224+/-0.539 χ^2/NDF : 1292.3/10

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

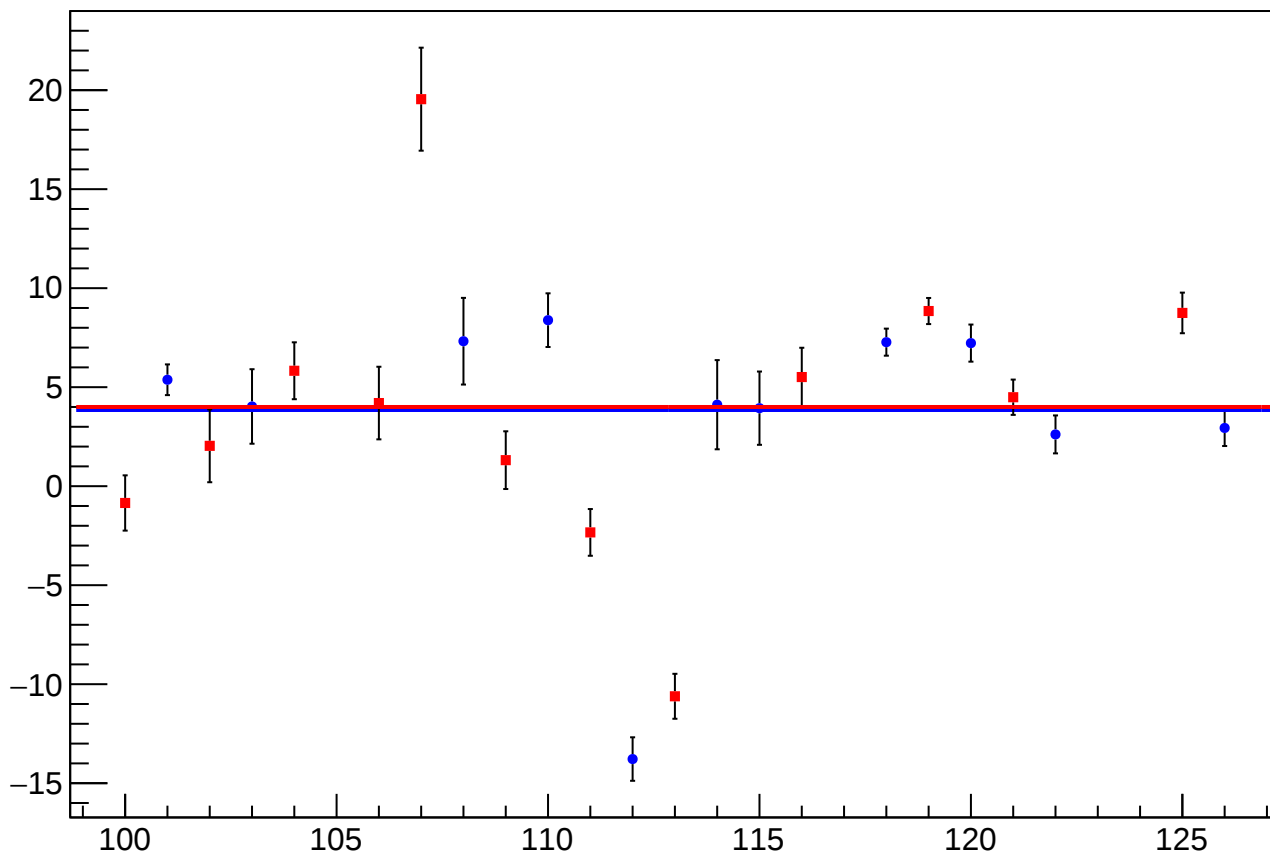
Right: 27.523+/-0.368 χ^2/NDF : 3167.3/22

In: 27.224+/-0.539 χ^2/NDF : 1292.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.523+/-0.368 χ^2/NDF : 3167.3/22

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.848+/-0.323 χ^2/NDF : 316.0/10

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

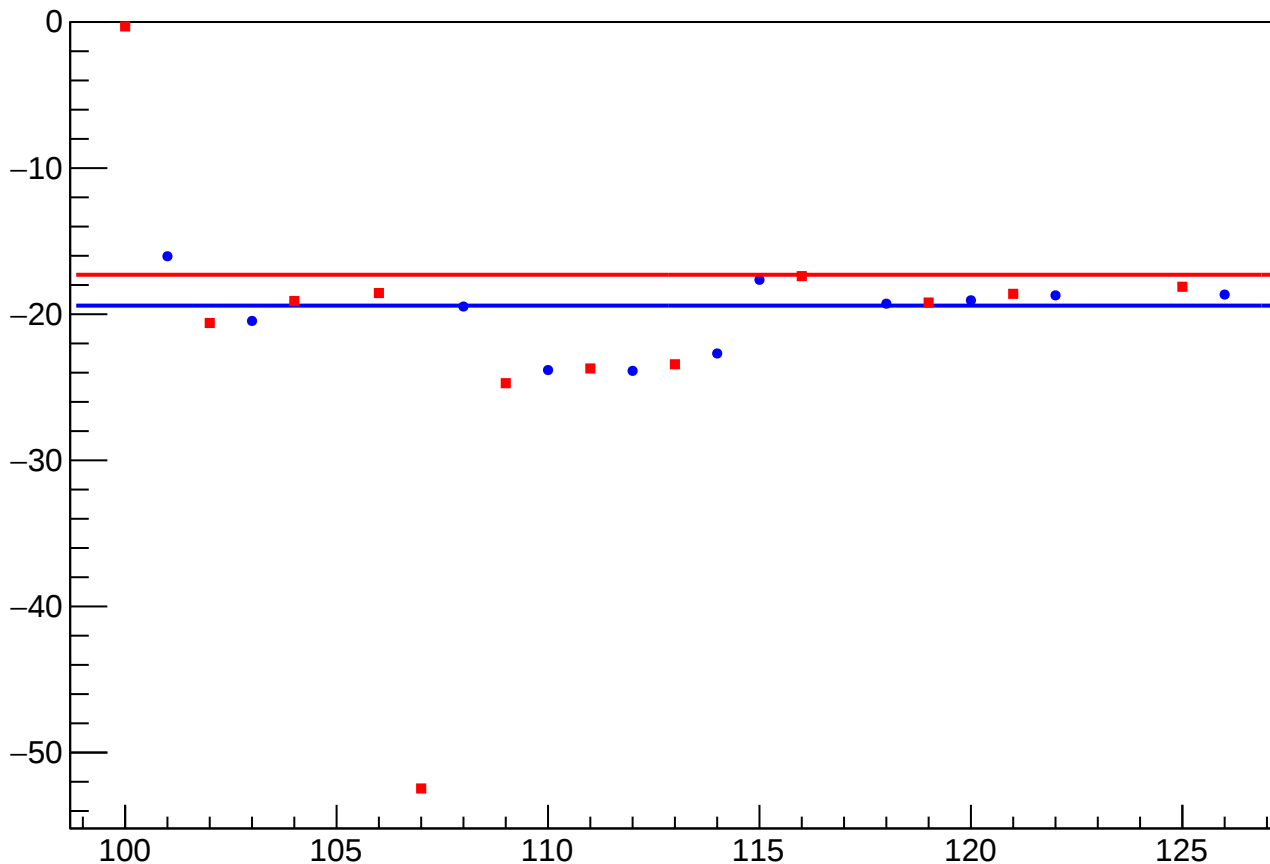
Right: 3.920+/-0.234 χ^2/NDF : 641.3/22

In: 3.848+/-0.323 χ^2/NDF : 316.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.920+/-0.234 χ^2/NDF : 641.3/22

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.410 $\pm$ 0.020 χ^2 /NDF: 13926.1/10

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

Right Out: -17.299 $\pm$ 0.018 χ^2 /NDF: 279365.8/11

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

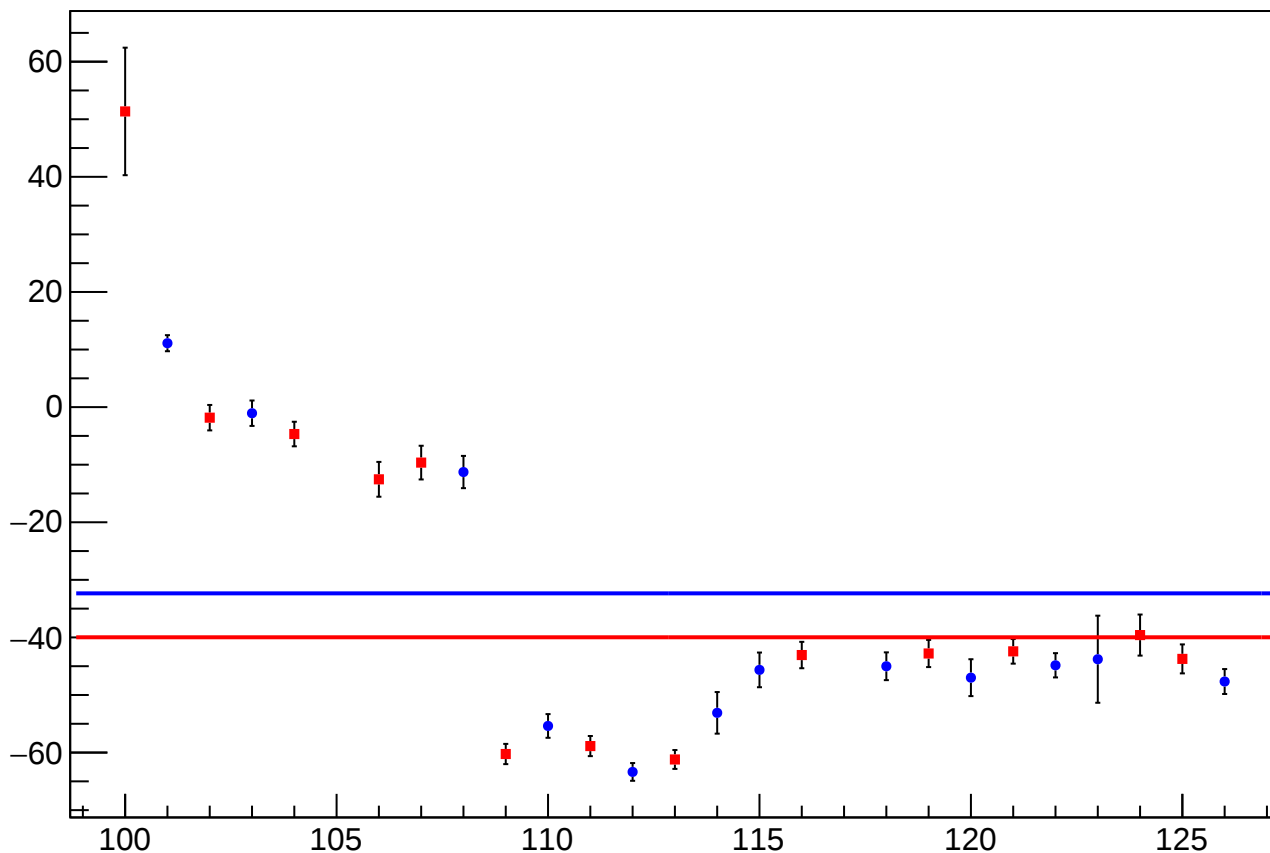
Right: -18.241 $\pm$ 0.014 χ^2 /NDF: 299325.5/22

In: -19.410 $\pm$ 0.020 χ^2 /NDF:13926.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -18.241 $\pm$ 0.014 χ^2 /NDF: 299325.5/22

reg_asym_right_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -32.347+/-0.643 χ^2/NDF : 1946.0/11

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

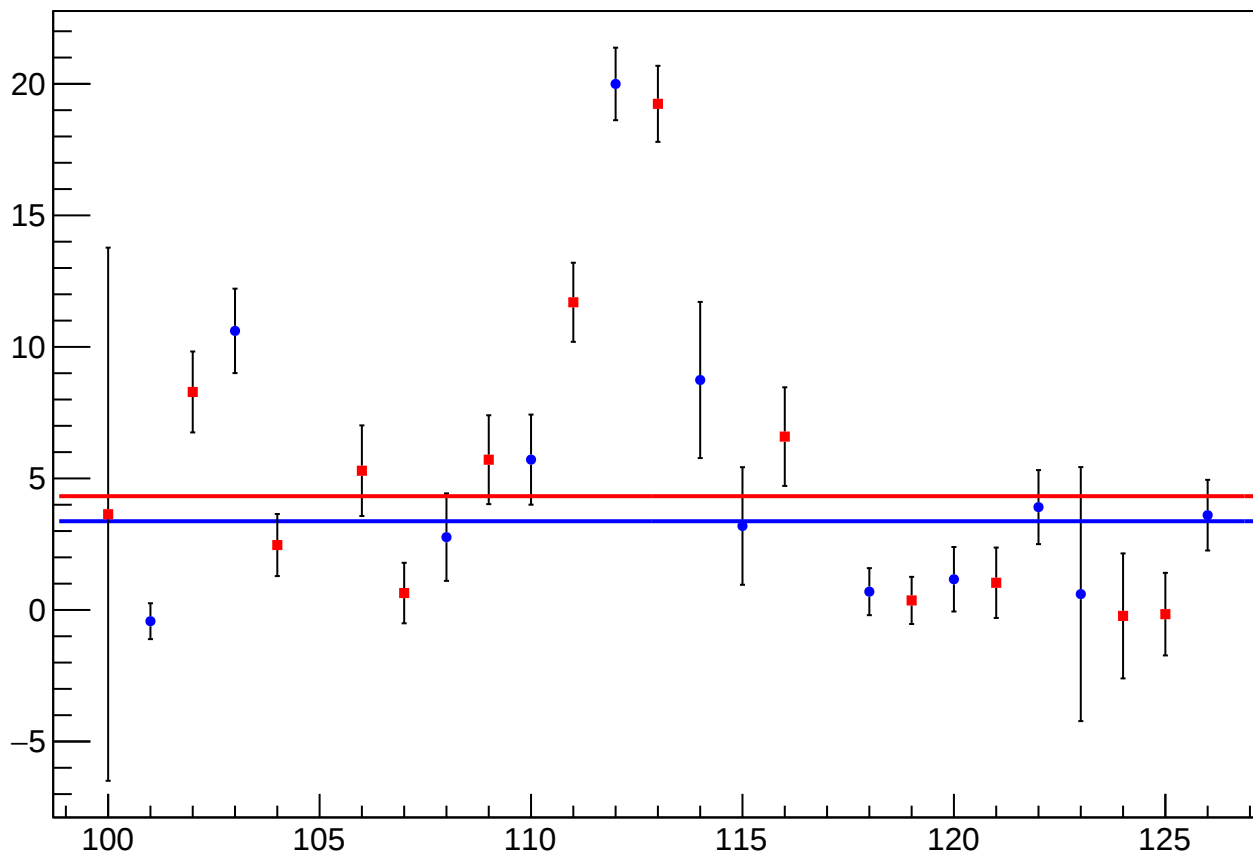
Right: -36.234+/-0.451 χ^2/NDF : 3272.1/24

In: -32.347+/-0.643 χ^2/NDF :1946.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -36.234+/-0.451 χ^2/NDF : 3272.1/24

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.373+/-0.375 χ^2/NDF : 214.7/11

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

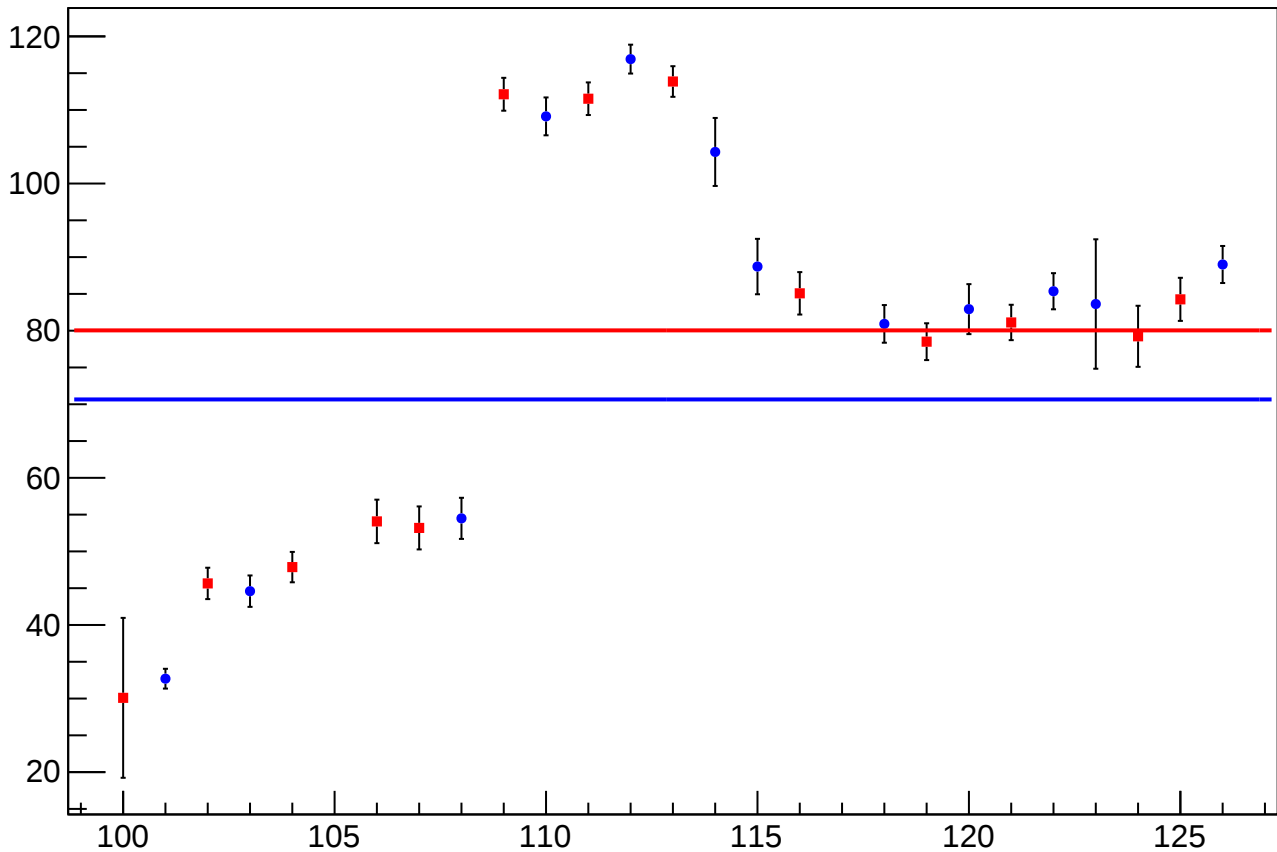
Right: 3.816+/-0.274 χ^2/NDF : 407.4/24

In: 3.373+/-0.375 χ^2/NDF : 214.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.816+/-0.274 χ^2/NDF : 407.4/24

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 70.654 +/- 0.706 χ^2/NDF : 1955.0/11

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

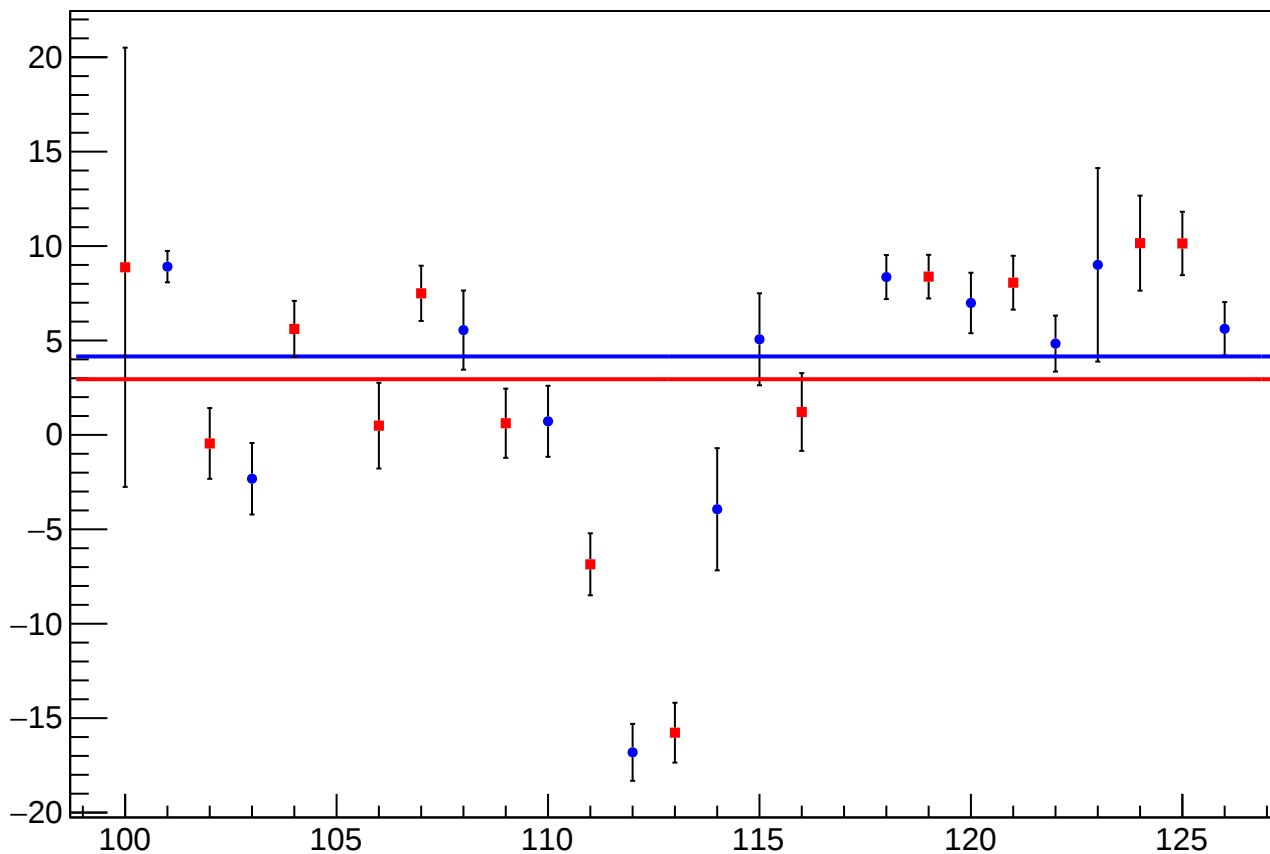
Right: 75.291 +/- 0.502 χ^2/NDF : 3405.8/24

In: 70.654 +/- 0.706 χ^2/NDF : 1955.0/11

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 75.291 +/- 0.502 χ^2/NDF : 3405.8/24

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.154 $\pm$ 0.445 χ^2 /NDF: 266.2/11

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

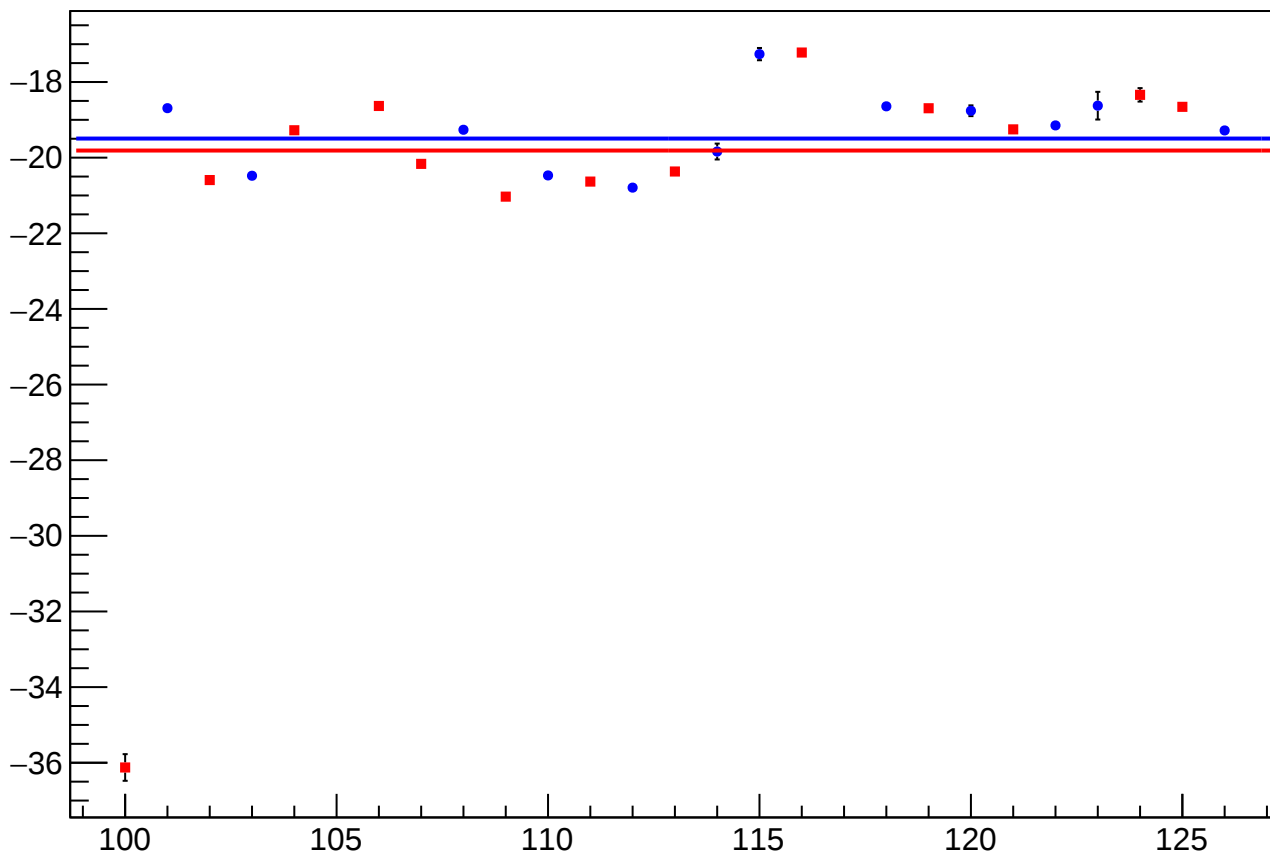
Right: 3.590 $\pm$ 0.324 χ^2 /NDF: 526.3/24

In: 4.154 $\pm$ 0.445 χ^2 /NDF:266.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.590 $\pm$ 0.324 χ^2 /NDF: 526.3/24

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.495+/-0.024 χ^2/NDF : 1277.9/11

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

Right Out: -19.812+/-0.024 χ^2/NDF : 3720.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

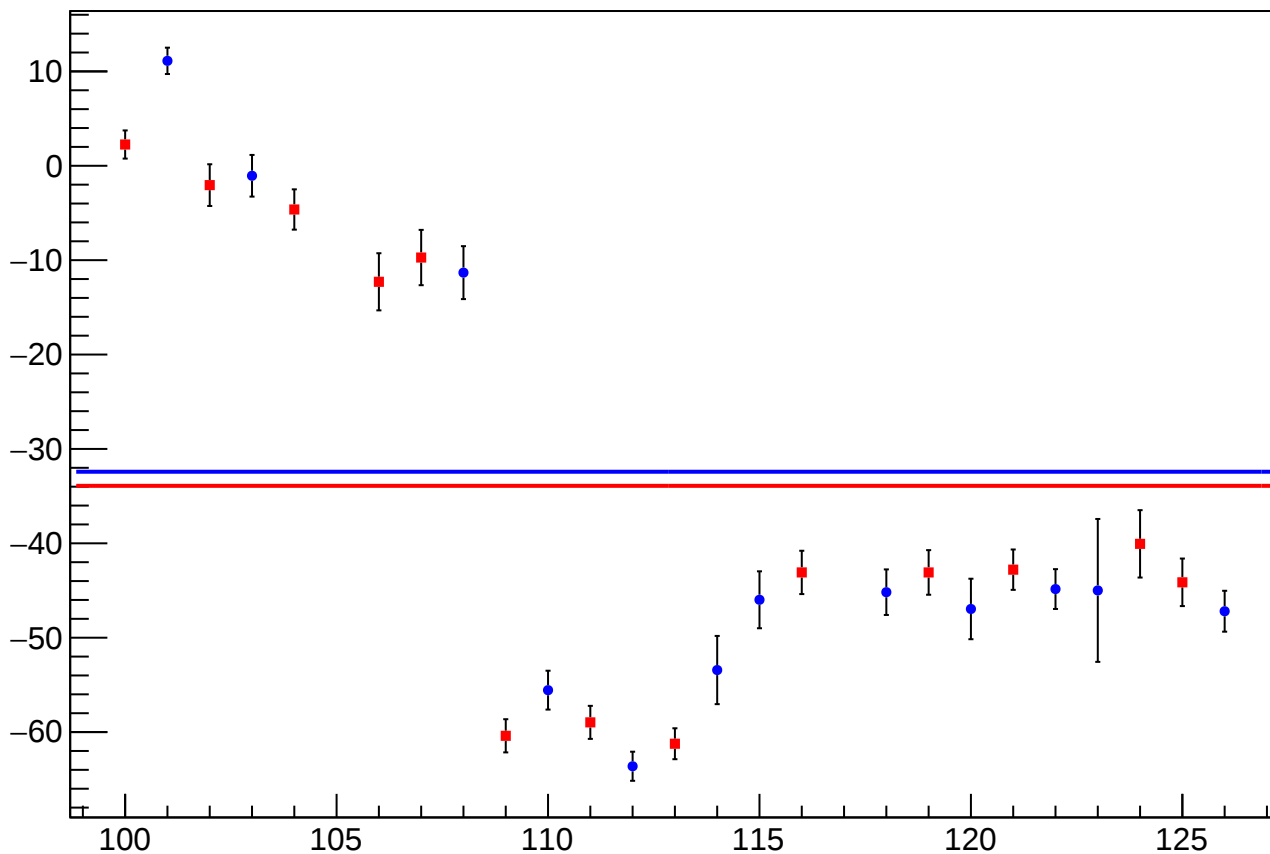
Right: -19.659+/-0.017 χ^2/NDF : 5085.2/24

In: -19.495+/-0.024 χ^2/NDF : 1277.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.659+/-0.017 χ^2/NDF : 5085.2/24

reg_asym_right_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -32.416+/-0.644 χ^2/NDF : 1953.4/11

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

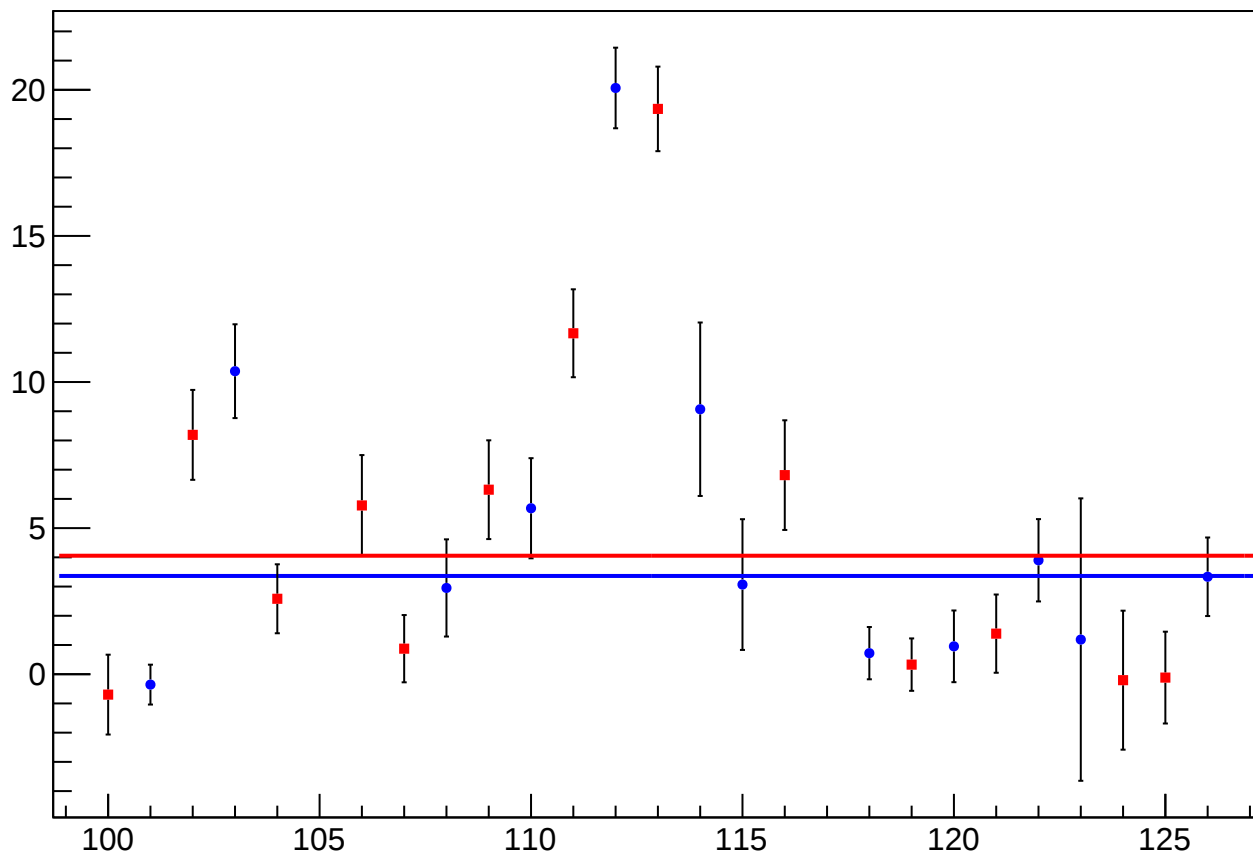
Right: -33.237+/-0.432 χ^2/NDF : 3836.8/24

In: -32.416+/-0.644 χ^2/NDF : 1953.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.237+/-0.432 χ^2/NDF : 3836.8/24

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.363+/-0.376 χ^2/NDF : 213.9/11

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

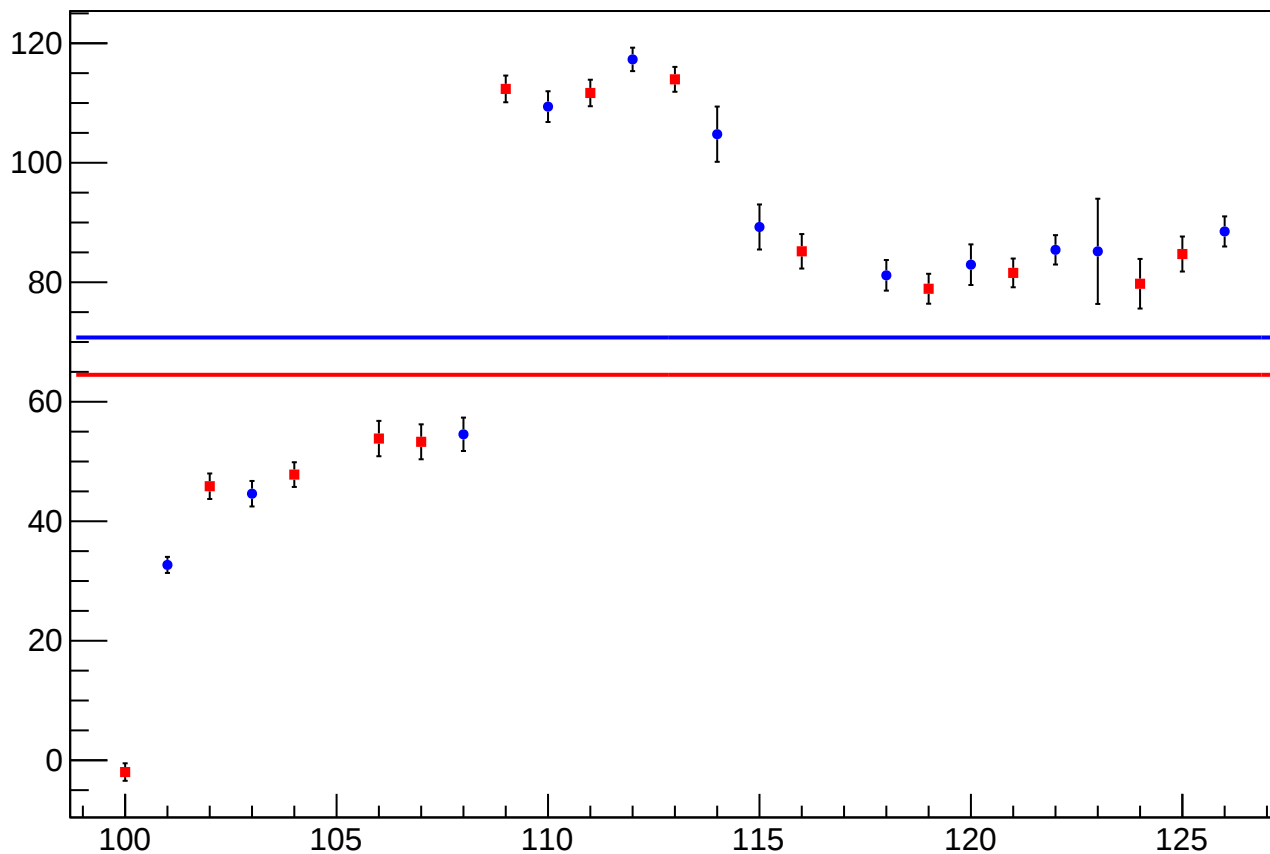
Right: 3.699+/-0.269 χ^2/NDF : 417.8/24

In: 3.363+/-0.376 χ^2/NDF : 213.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.699+/-0.269 χ^2/NDF : 417.8/24

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 70.758+/-0.707 χ^2/NDF : 1967.2/11

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

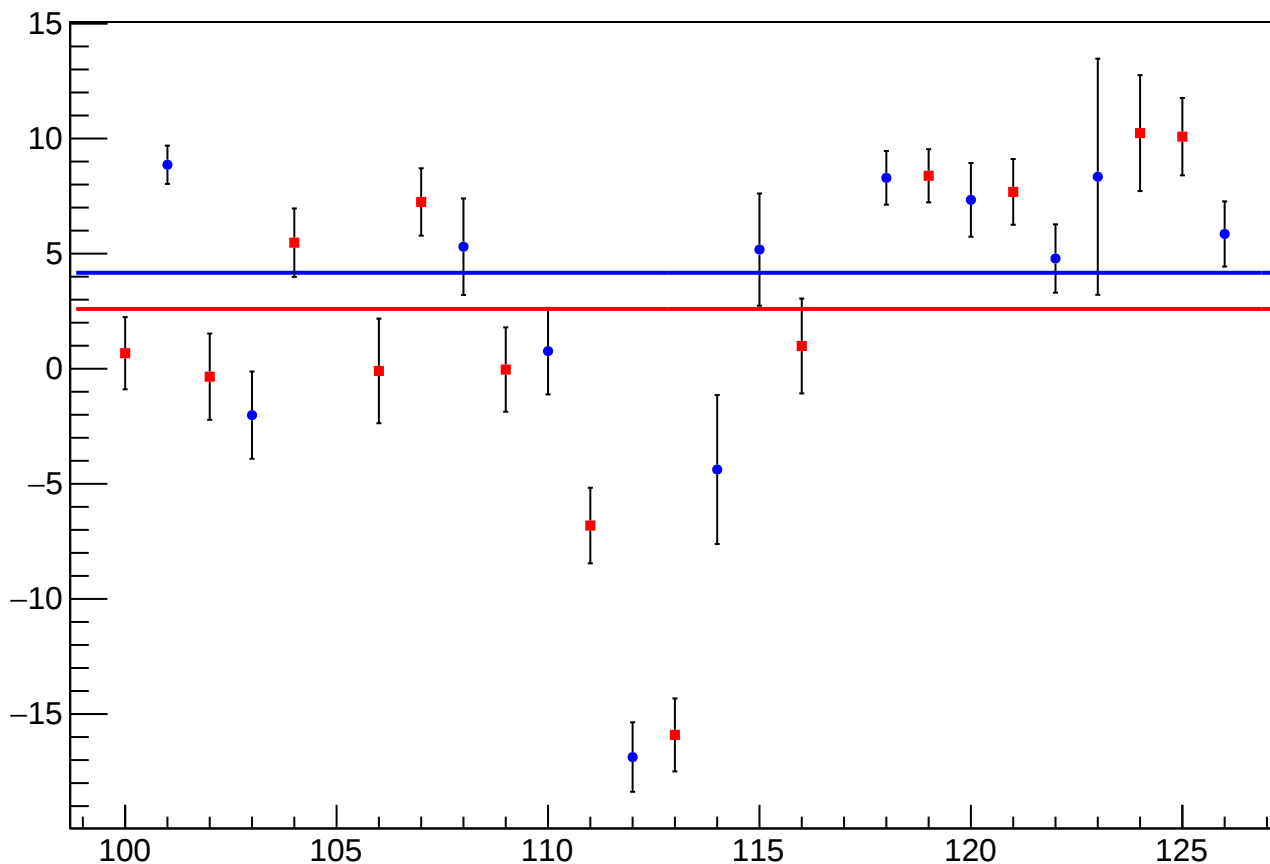
Right: 67.345+/-0.476 χ^2/NDF : 5910.2/24

In: 70.758+/-0.707 χ^2/NDF : 1967.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.345+/-0.476 χ^2/NDF : 5910.2/24

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.168+/-0.445 χ^2/NDF : 266.4/11

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

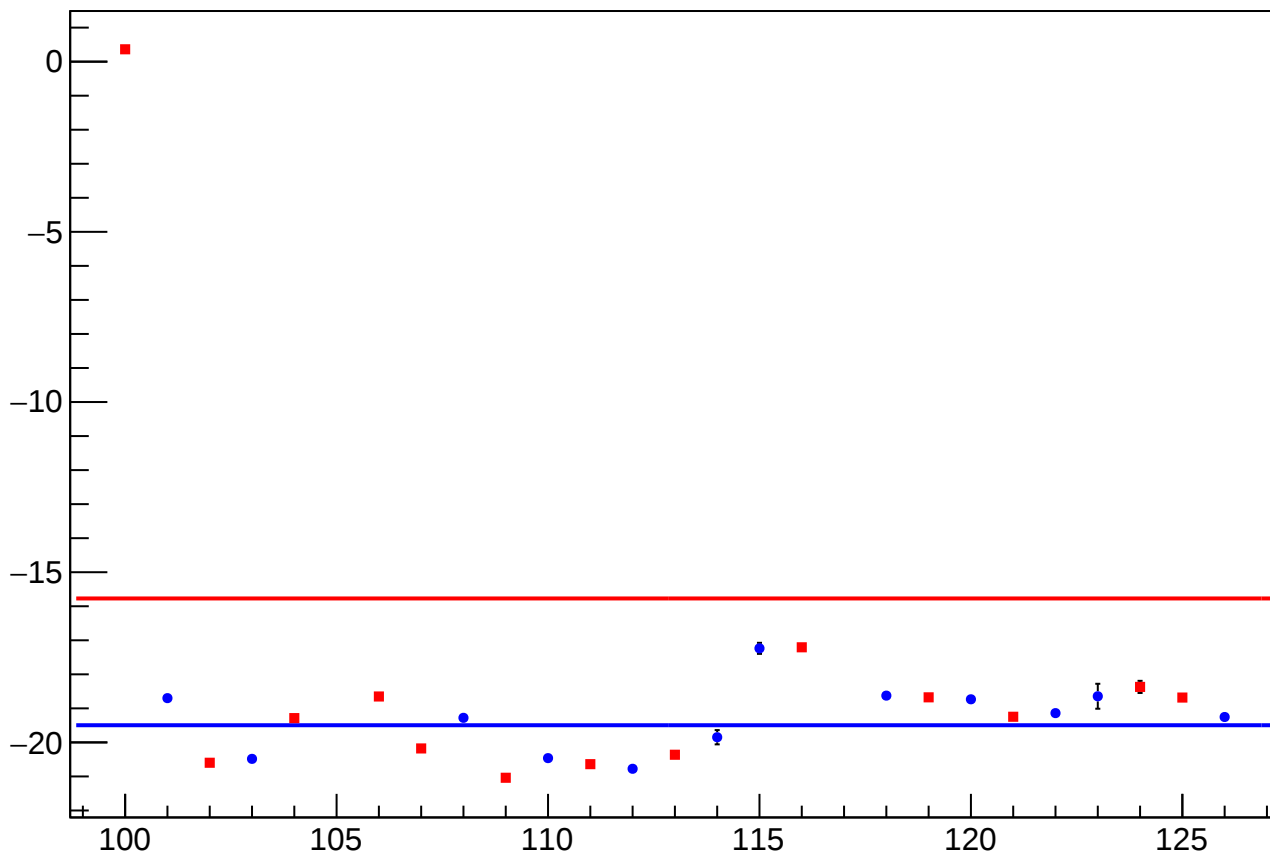
Right: 3.398+/-0.318 χ^2/NDF : 530.2/24

In: 4.168+/-0.445 χ^2/NDF : 266.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.398+/-0.318 χ^2/NDF : 530.2/24

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.495+/-0.024 χ^2/NDF : 1277.8/11

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

Right Out: -15.771+/-0.021 χ^2/NDF : 145301.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

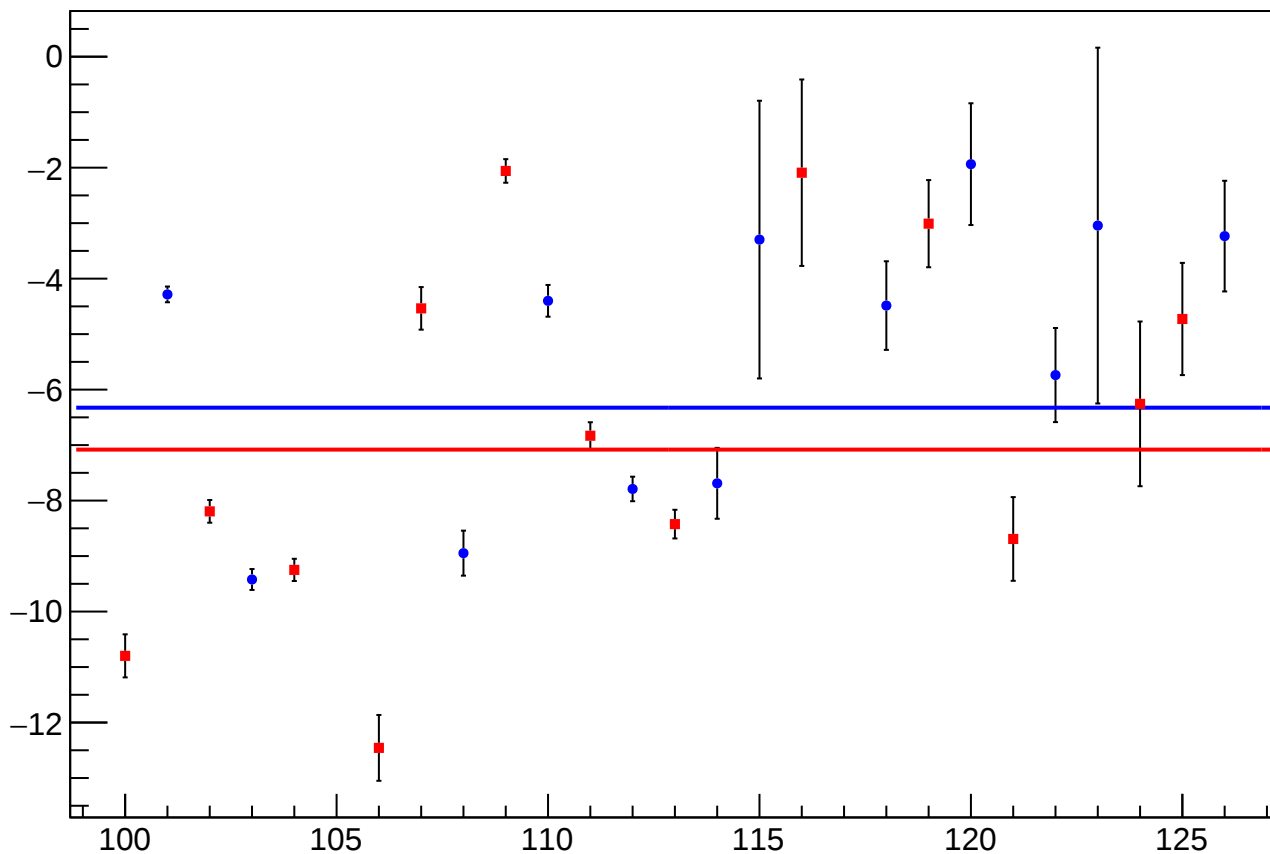
Right: -17.364+/-0.016 χ^2/NDF : 159875.4/24

In: -19.495+/-0.024 χ^2/NDF : 1277.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.364+/-0.016 χ^2/NDF : 159875.4/24

reg_asym_sam_15_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -6.326+/-0.090 χ^2/NDF : 647.7/11

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

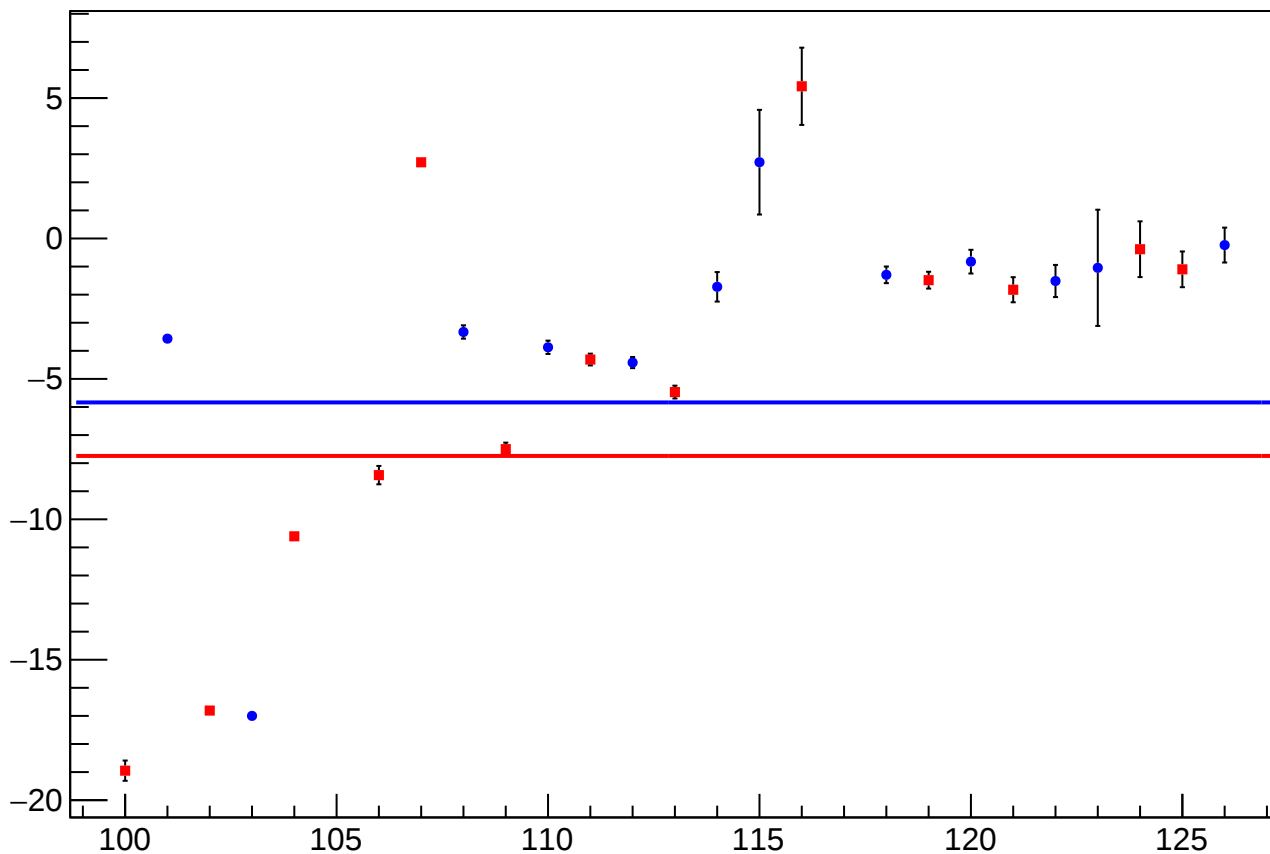
Right: -6.704+/-0.063 χ^2/NDF : 1680.2/24

In: -6.326+/-0.090 χ^2/NDF :647.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.704+/-0.063 χ^2/NDF : 1680.2/24

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.838+/-0.057 χ^2/NDF : 8515.1/11

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

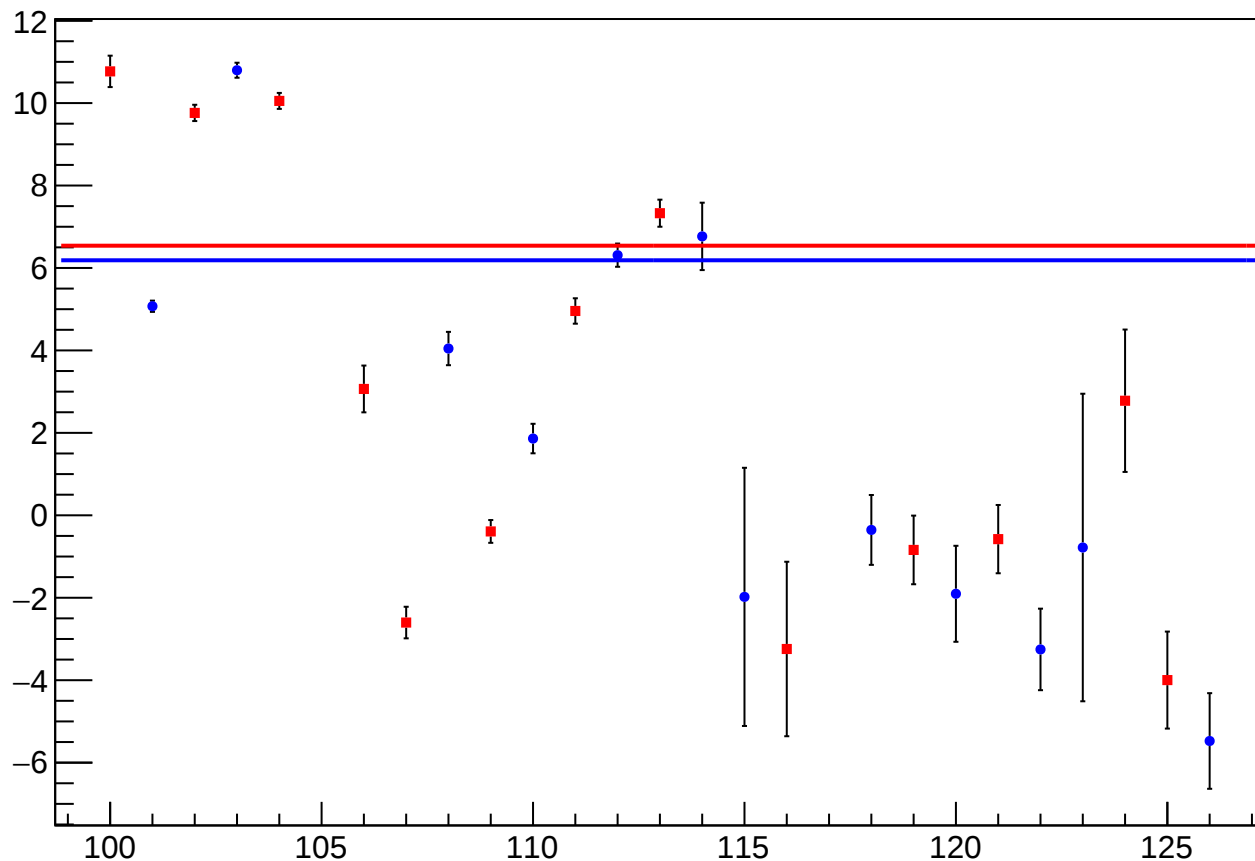
Right: -6.701+/-0.042 χ^2/NDF : 20212.1/24

In: -5.838+/-0.057 χ^2/NDF :8515.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.701+/-0.042 χ^2/NDF : 20212.1/24

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.187 $\pm$ 0.093 χ^2 /NDF: 1192.8/11

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

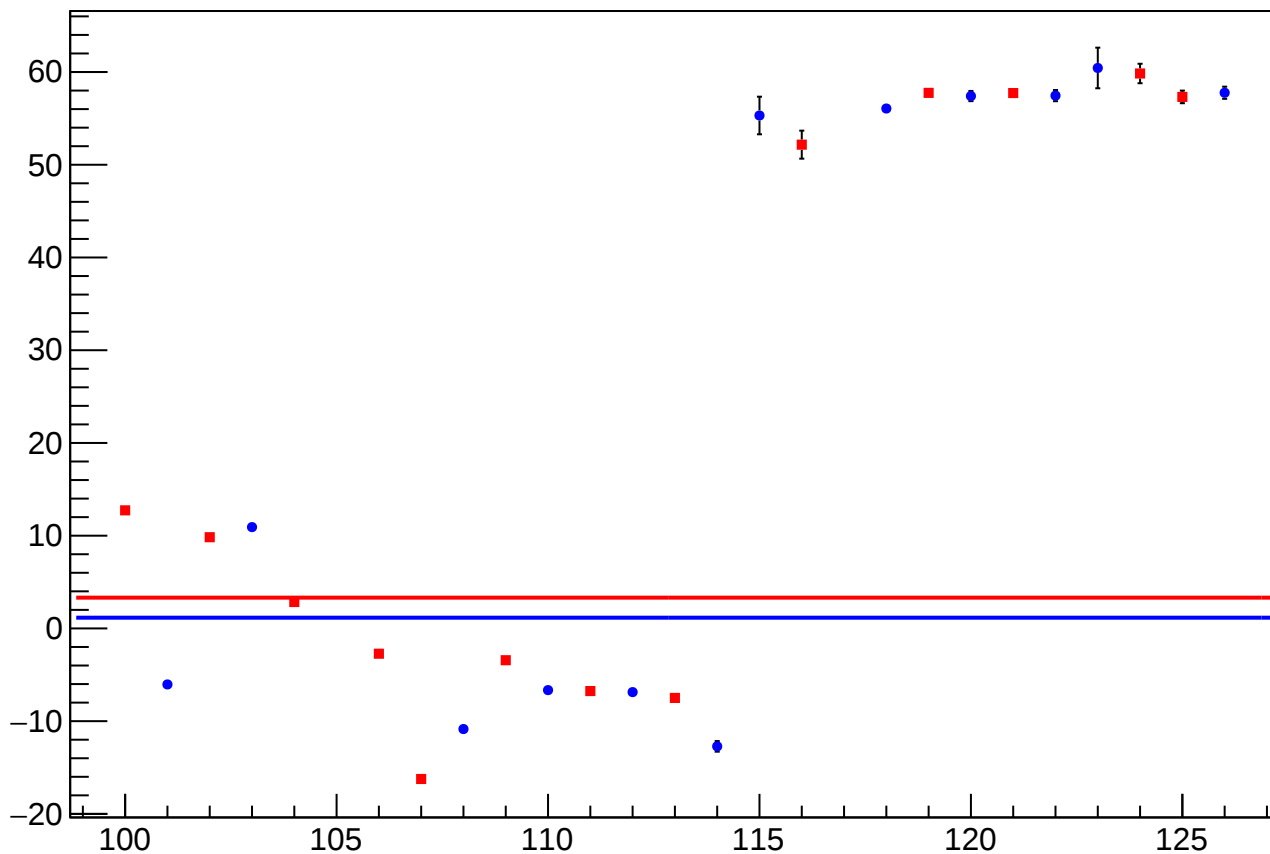
Right: 6.356 $\pm$ 0.067 χ^2 /NDF: 3444.4/24

In: 6.187 $\pm$ 0.093 χ^2 /NDF:1192.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 6.356 $\pm$ 0.067 χ^2 /NDF: 3444.4/24

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.158+/-0.068 χ^2/NDF : 62331.0/11

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

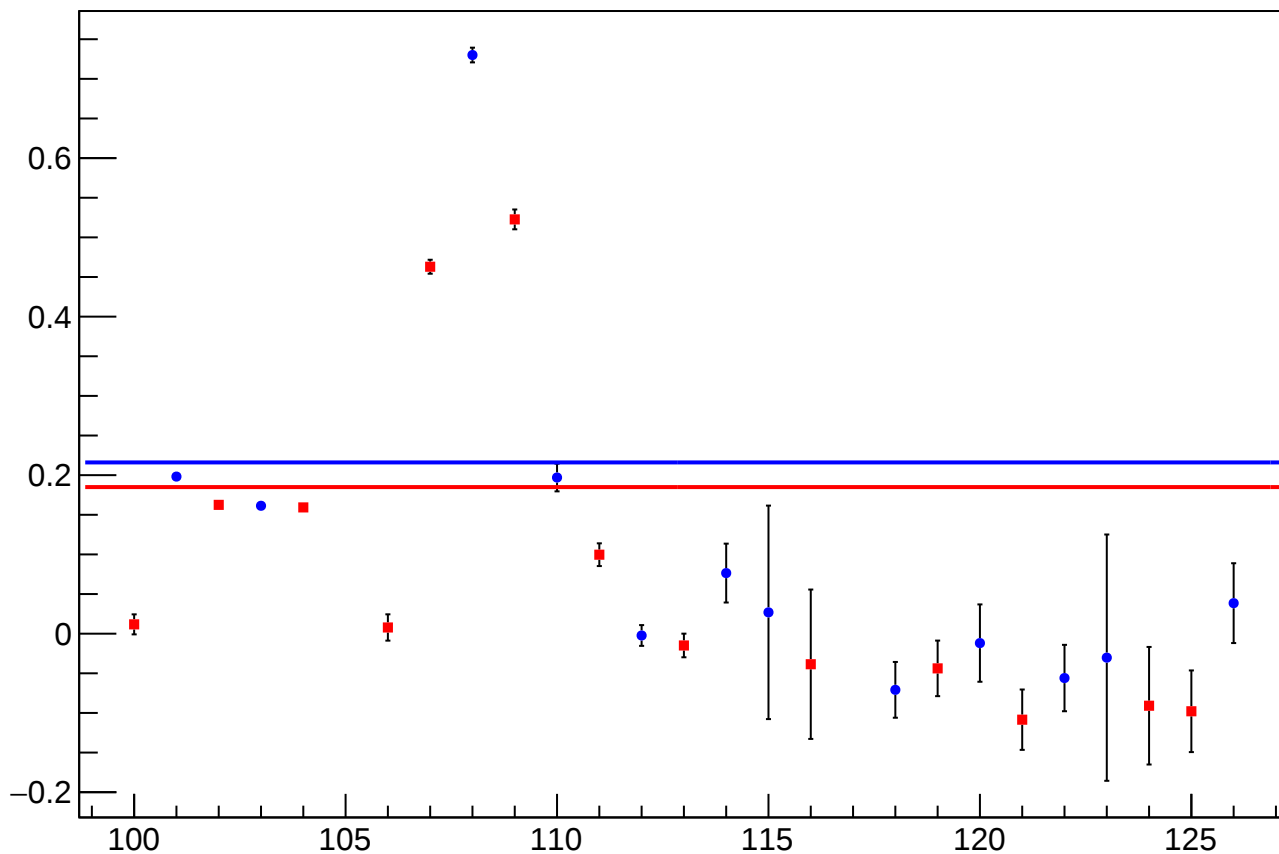
Right: 2.139+/-0.050 χ^2/NDF : 122328.8/24

In: 1.158+/-0.068 χ^2/NDF : 62331.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.139+/-0.050 χ^2/NDF : 122328.8/24

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.216+/-0.003 χ^2/NDF : 3695.9/11

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

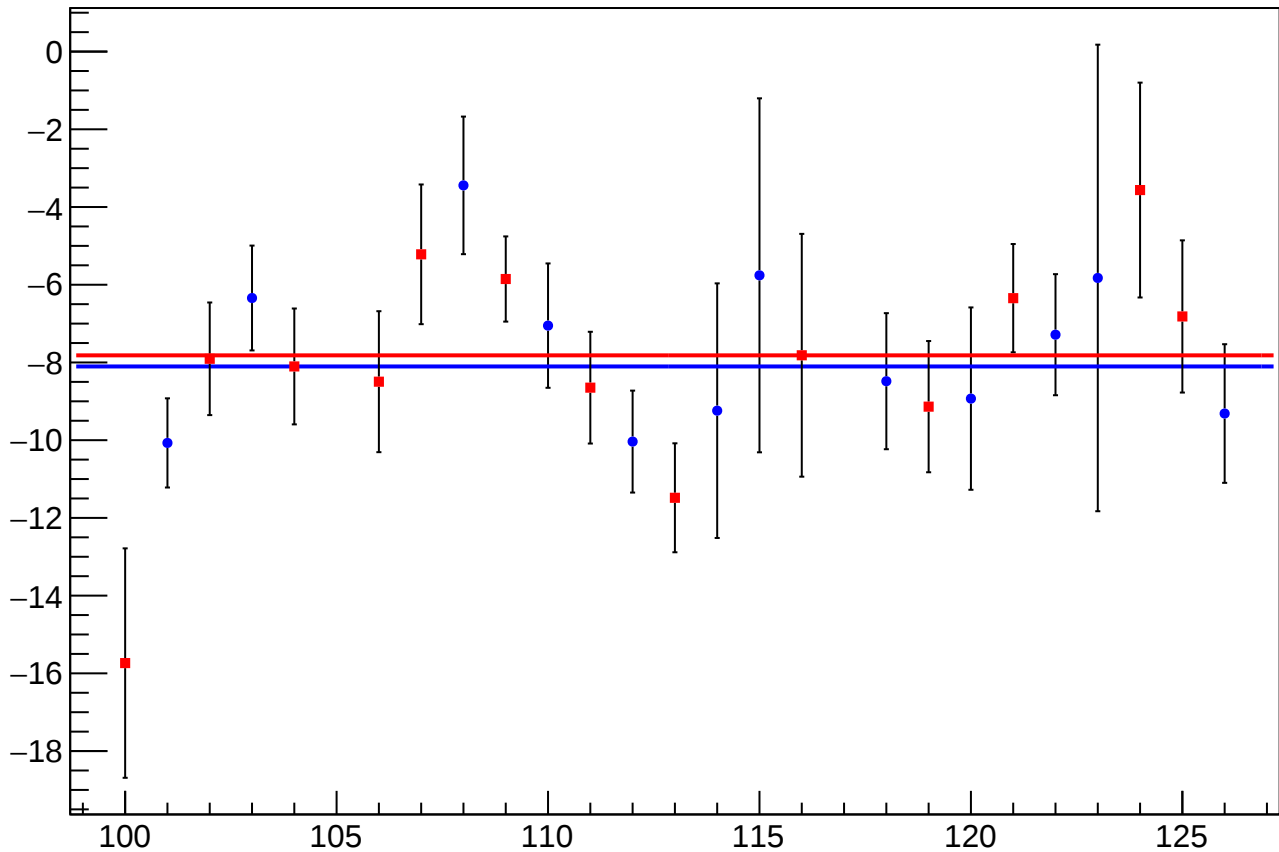
Right: 0.200+/-0.002 χ^2/NDF : 6202.9/24

In: 0.216+/-0.003 χ^2/NDF :3695.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.200+/-0.002 χ^2/NDF : 6202.9/24

reg_asym_sam_15_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -8.103 ± 0.500 χ^2/NDF : 15.6/11

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

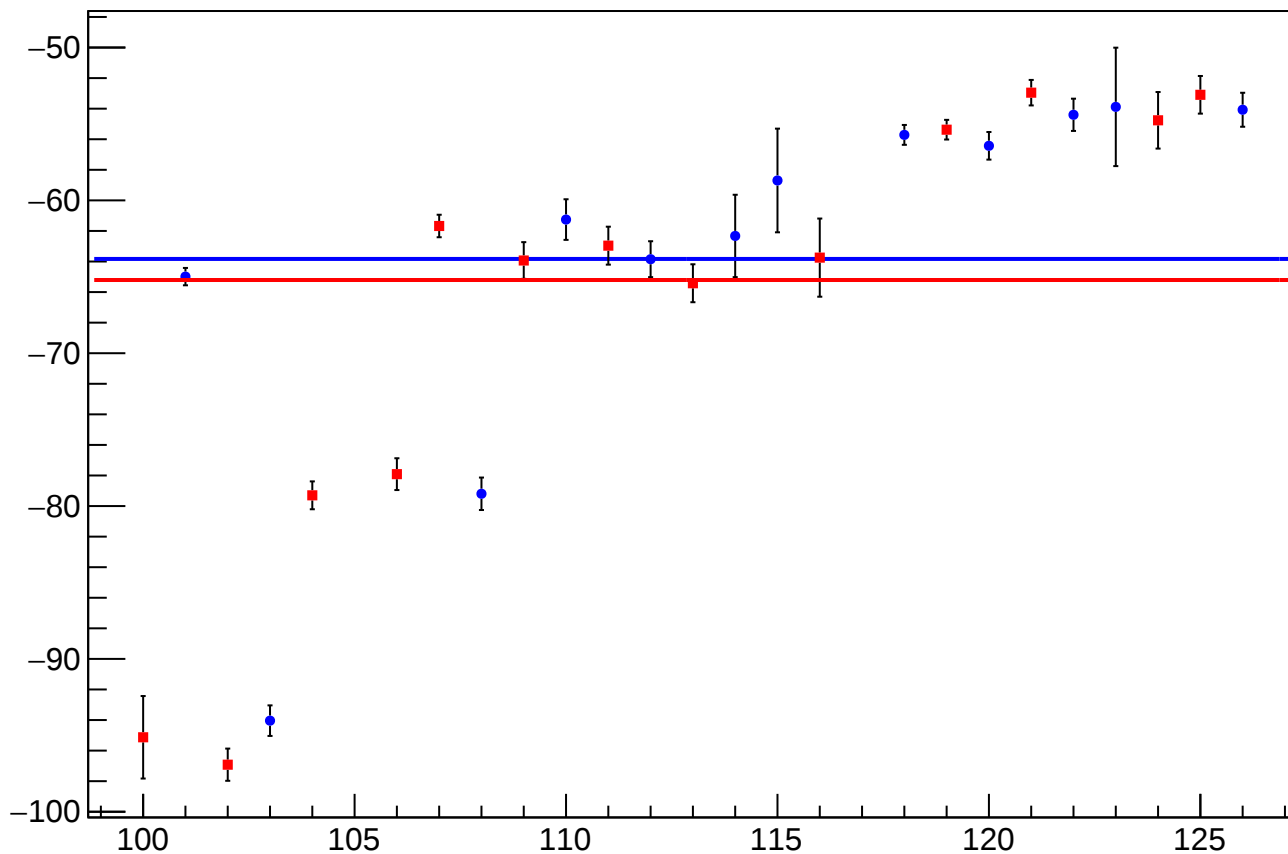
Right: -7.946 ± 0.336 χ^2/NDF : 40.0/24

In: -8.103 ± 0.500 χ^2/NDF : 15.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.946 ± 0.336 χ^2/NDF : 40.0/24

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -63.832+/-0.290 χ^2/NDF : 1519.2/11

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

Right Out: -65.210+/-0.289 χ^2/NDF : 2022.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

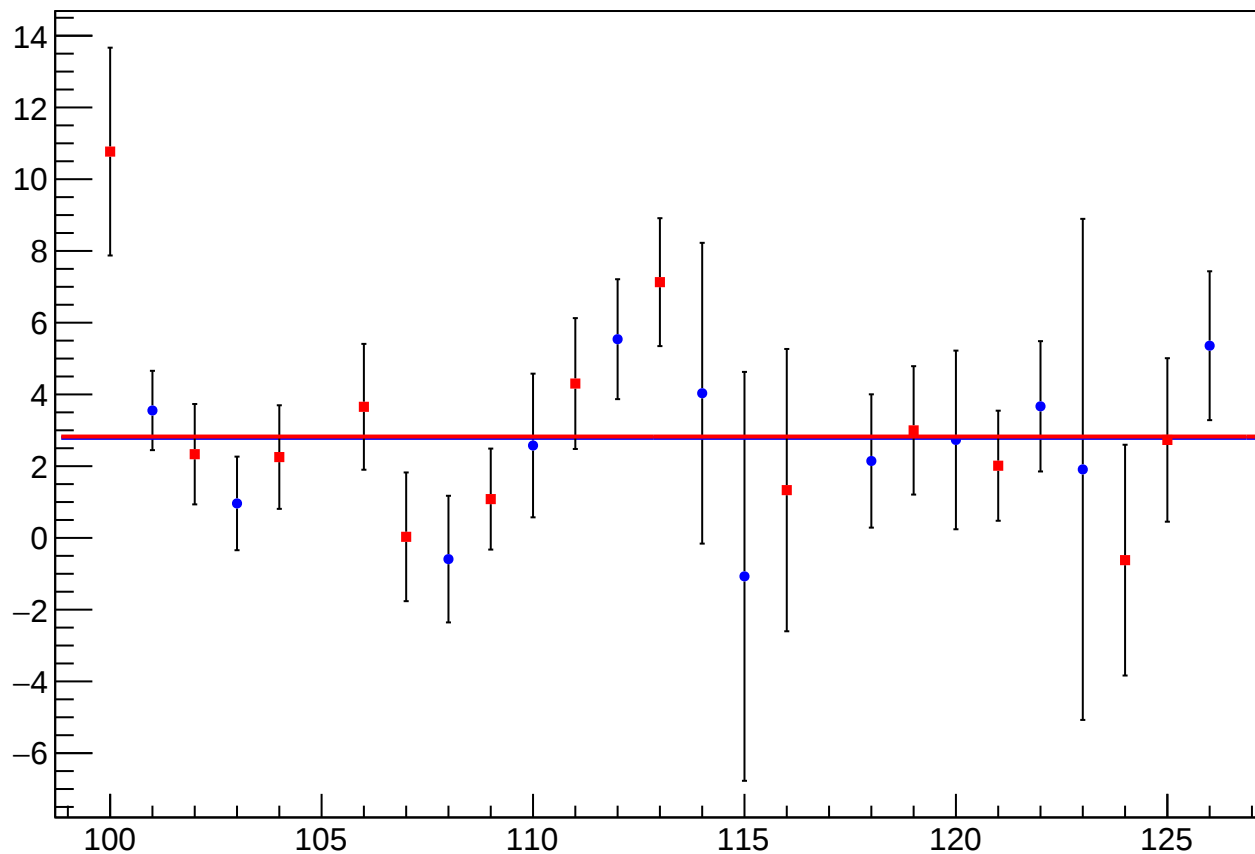
Right: -64.523+/-0.205 χ^2/NDF : 3552.9/24

In: -63.832+/-0.290 χ^2/NDF :1519.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -64.523+/-0.205 χ^2/NDF : 3552.9/24

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.789+/-0.540 χ^2/NDF : 11.3/11

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

Right Out: 2.826+/-0.503 χ^2/NDF : 20.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

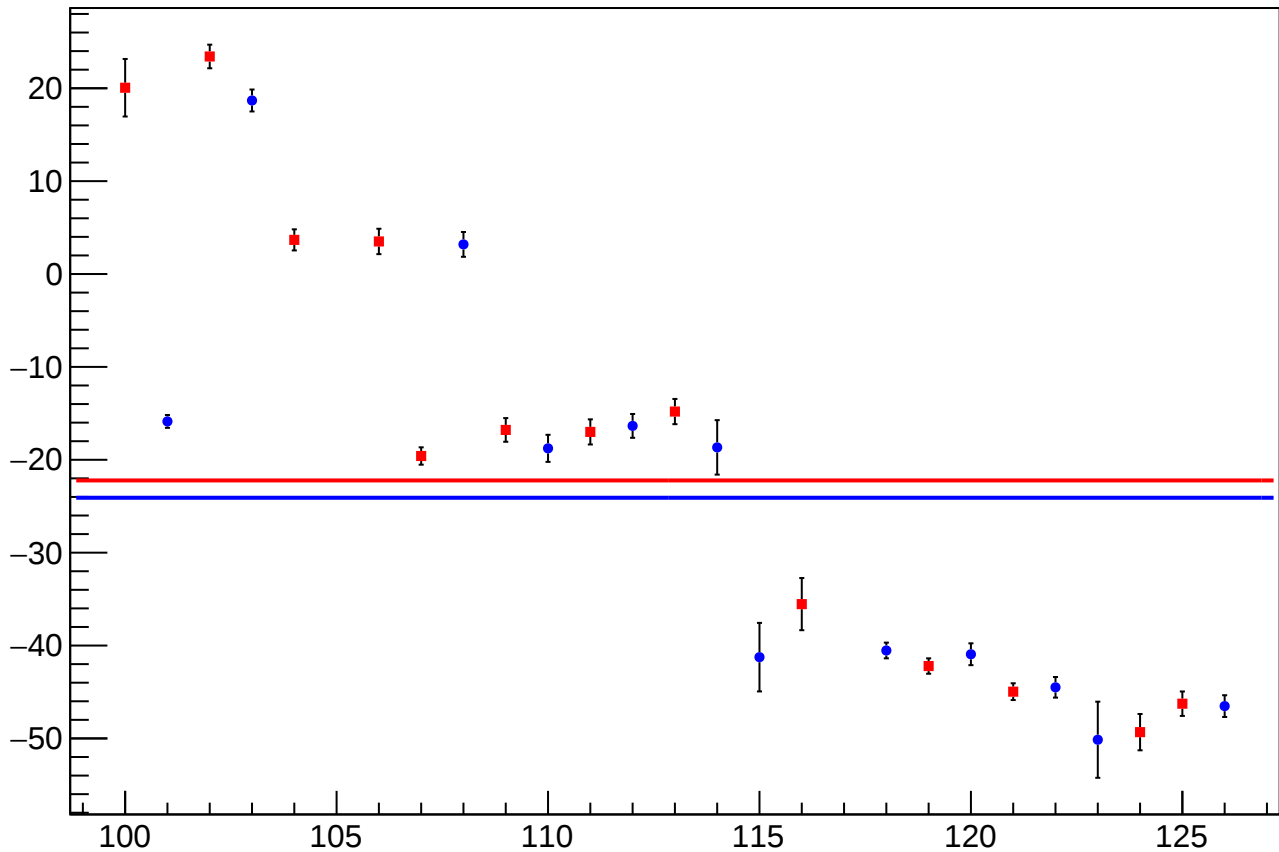
Right: 2.809+/-0.368 χ^2/NDF : 31.3/24

In: 2.789+/-0.540 χ^2/NDF : 11.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.809+/-0.368 χ^2/NDF : 31.3/24

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -24.087 $\pm$ 0.346 χ^2 /NDF: 3274.4/11

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

Right Out: -22.224 $\pm$ 0.342 χ^2 /NDF: 4188.8/12

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

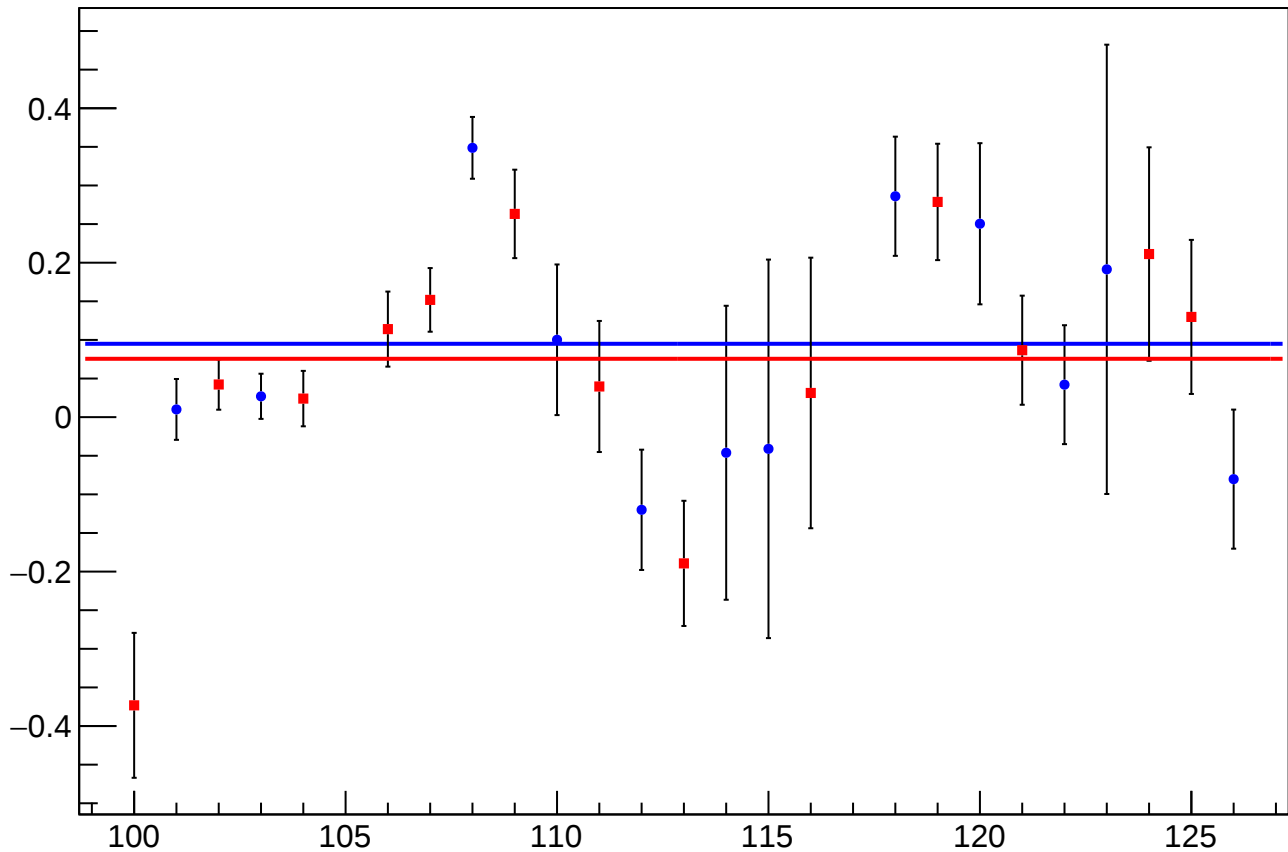
Right: -23.146 $\pm$ 0.243 χ^2 /NDF: 7477.8/24

In: -24.087 $\pm$ 0.346 χ^2 /NDF:3274.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -23.146 $\pm$ 0.243 χ^2 /NDF: 7477.8/24

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.095 $\pm$ 0.017 χ^2 /NDF: 71.4/11

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

Right Out: 0.076 $\pm$ 0.016 χ^2 /NDF: 60.2/12

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

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

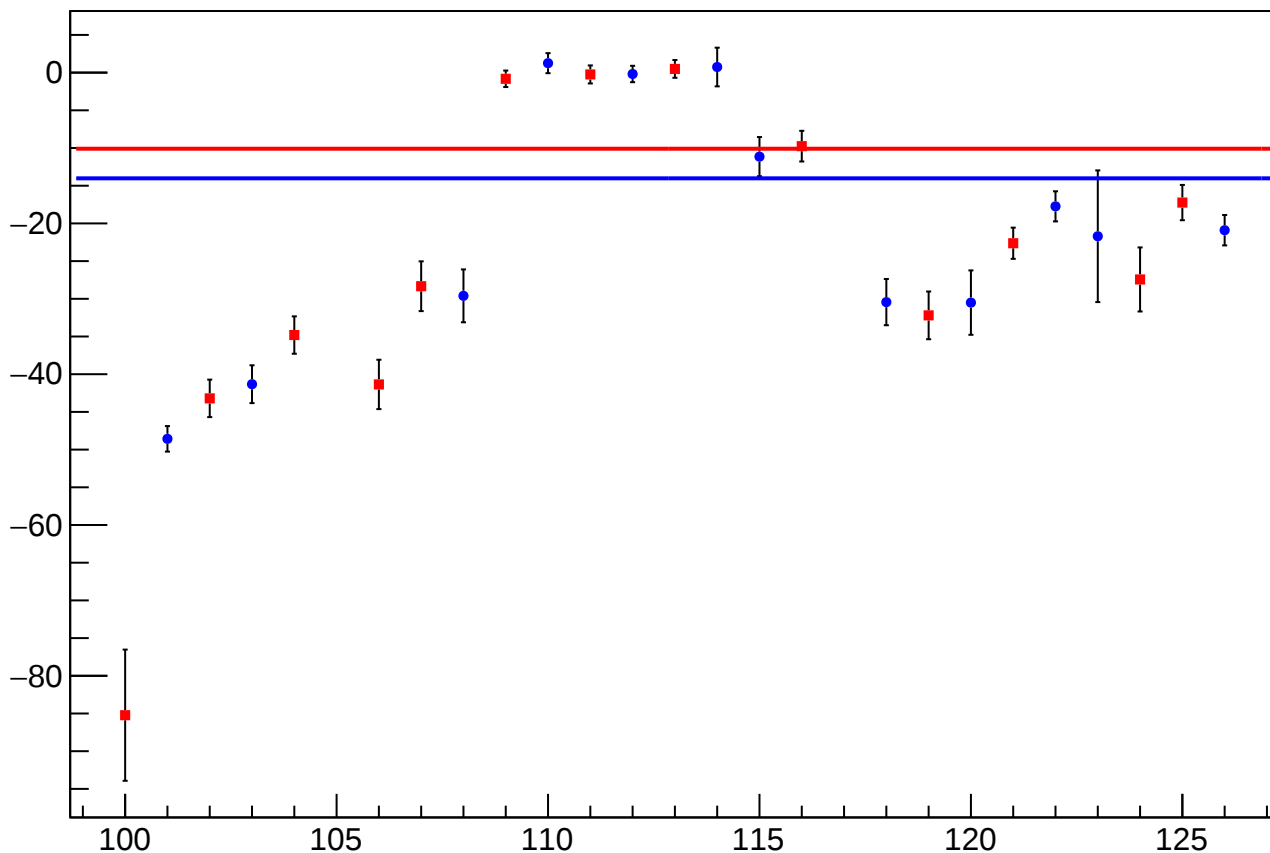
Right: 0.084 $\pm$ 0.012 χ^2 /NDF: 132.4/24

In: 0.095 $\pm$ 0.017 χ^2 /NDF: 71.4/11

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

All: 0.084 $\pm$ 0.012 χ^2 /NDF: 132.4/24

reg_asym_sam_37_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -14.022+/-0.580 χ^2/NDF : 942.8/11

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

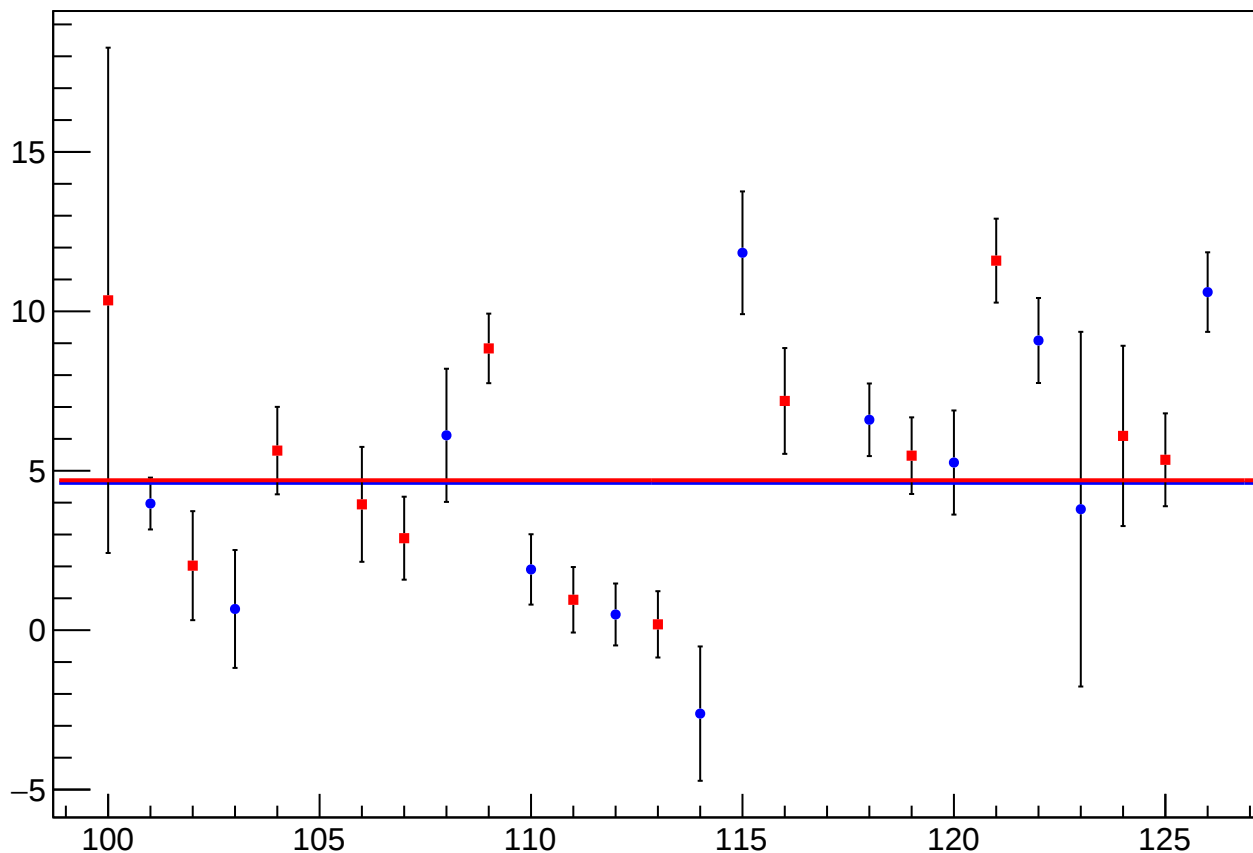
Right: -11.871+/-0.390 χ^2/NDF : 1773.3/24

In: -14.022+/-0.580 χ^2/NDF : 942.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.871+/-0.390 χ^2/NDF : 1773.3/24

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.621+/-0.384 χ^2/NDF : 93.1/11

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

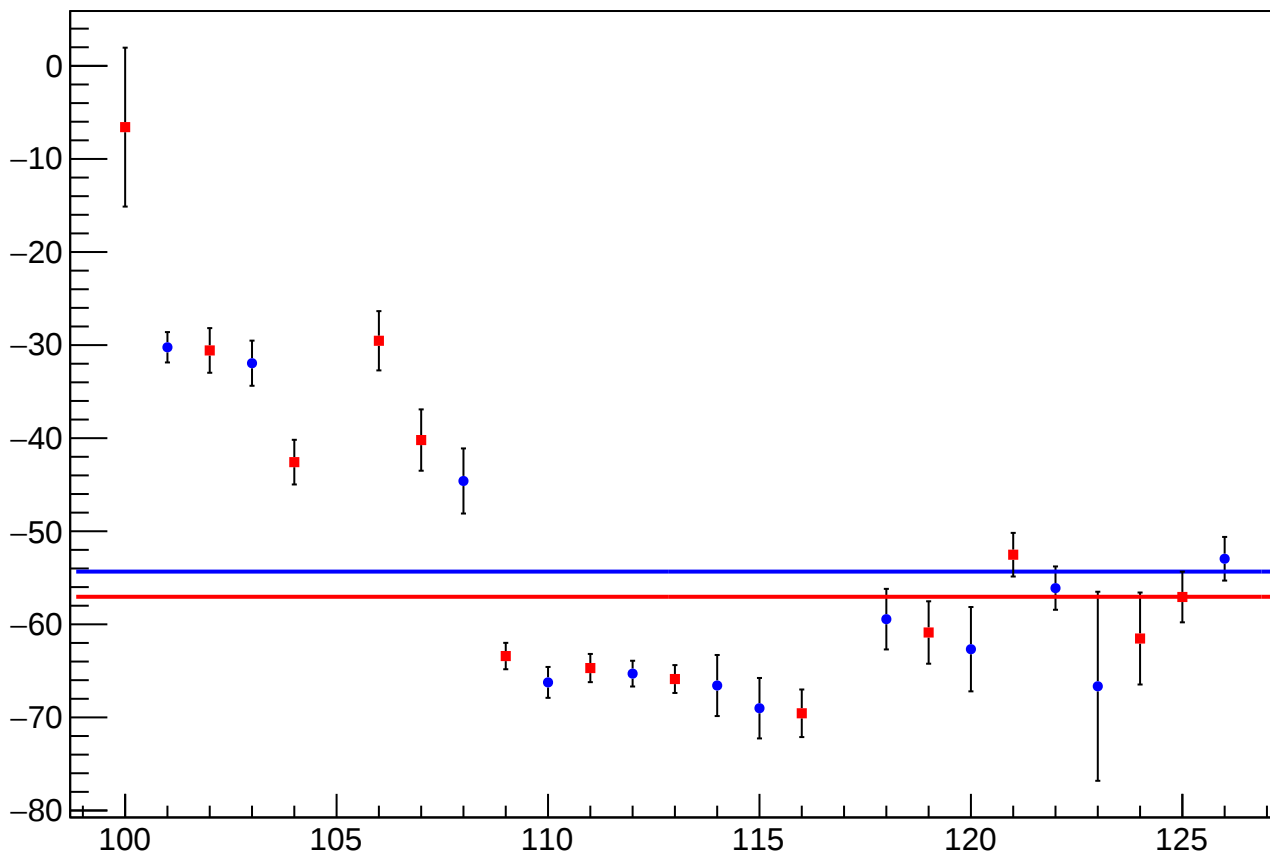
Right: 4.661+/-0.272 χ^2/NDF : 175.7/24

In: 4.621+/-0.384 χ^2/NDF : 93.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.661+/-0.272 χ^2/NDF : 175.7/24

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.334+/-0.671 χ^2/NDF : 468.1/11

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

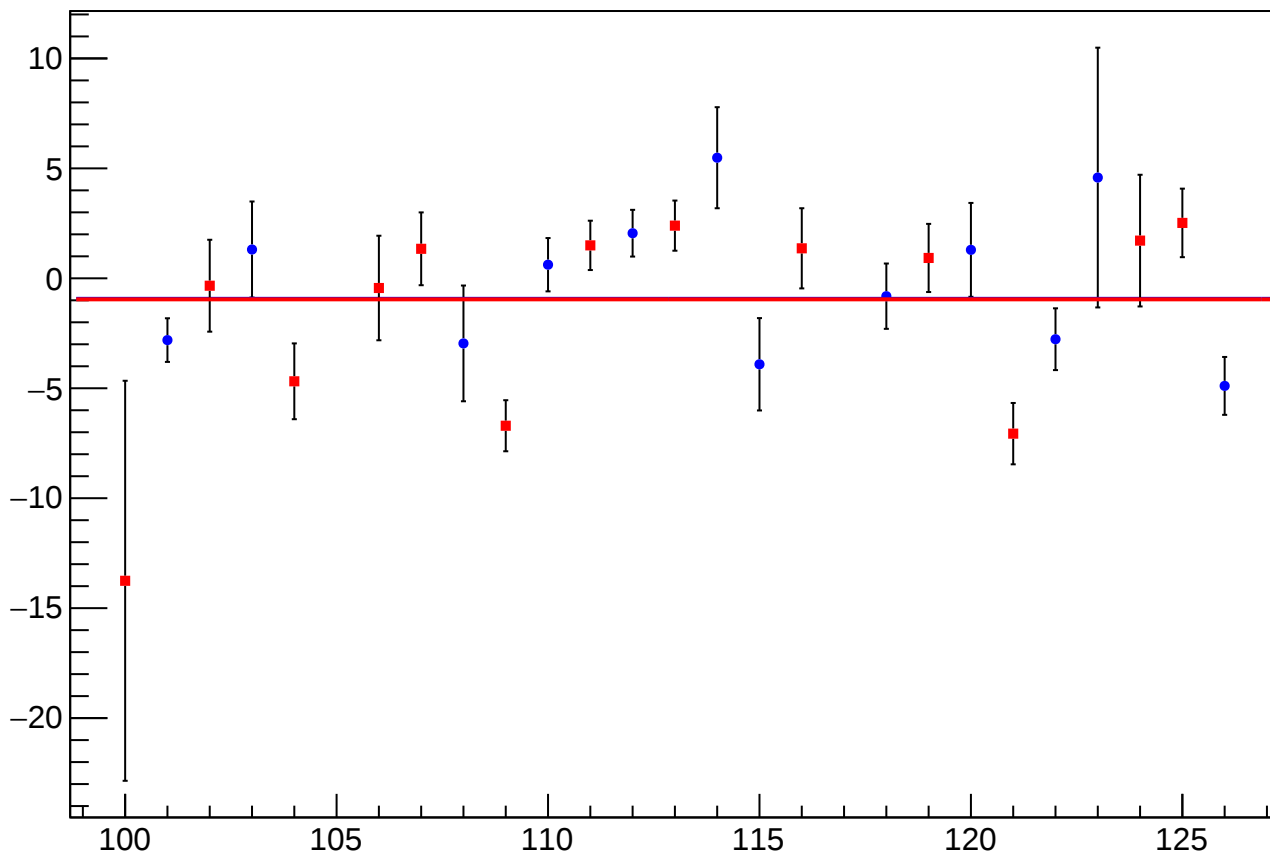
Right: -55.776+/-0.459 χ^2/NDF : 880.8/24

In: -54.334+/-0.671 χ^2/NDF : 468.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.776+/-0.459 χ^2/NDF : 880.8/24

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.933+/-0.441 χ^2/NDF : 37.3/11

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

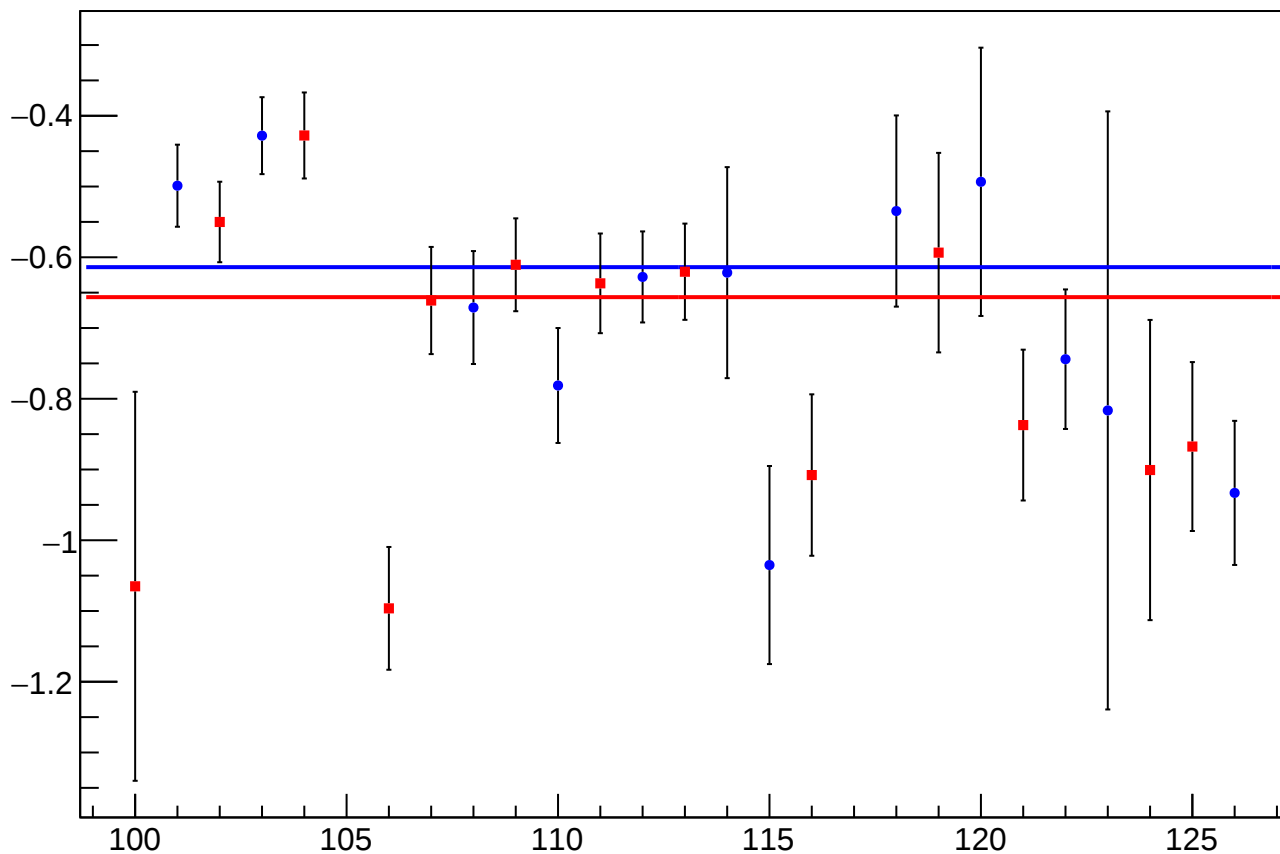
Right: -0.945+/-0.311 χ^2/NDF : 112.0/24

In: -0.933+/-0.441 χ^2/NDF : 37.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.945+/-0.311 χ^2/NDF : 112.0/24

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.614 ± 0.025 χ^2/NDF : 42.0/11

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

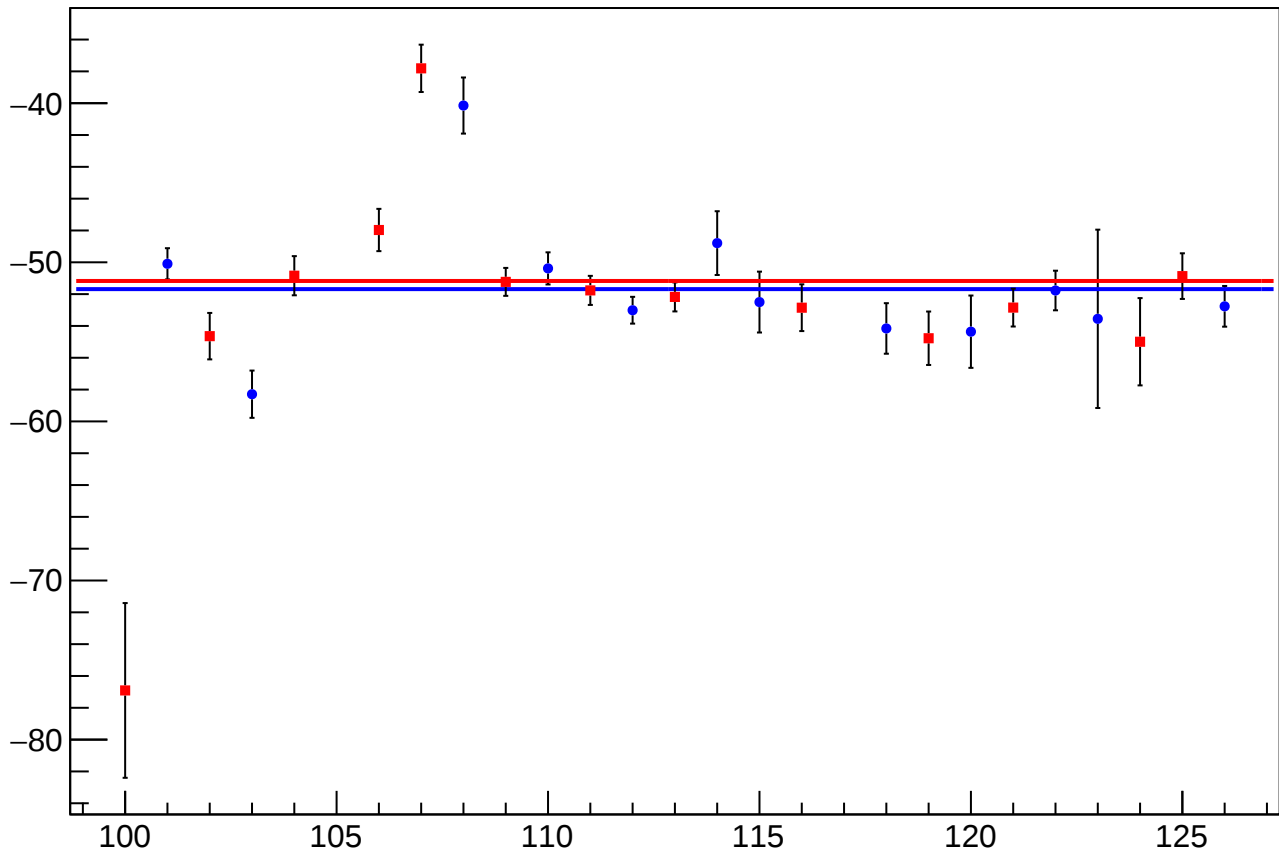
Right: -0.637 ± 0.017 χ^2/NDF : 102.3/24

In: -0.614 ± 0.025 χ^2/NDF : 42.0/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.637 ± 0.017 χ^2/NDF : 102.3/24

reg_asym_sam_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -51.686+/-0.389 χ^2/NDF : 76.3/11

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

Right Out: -51.173+/-0.353 χ^2/NDF : 125.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

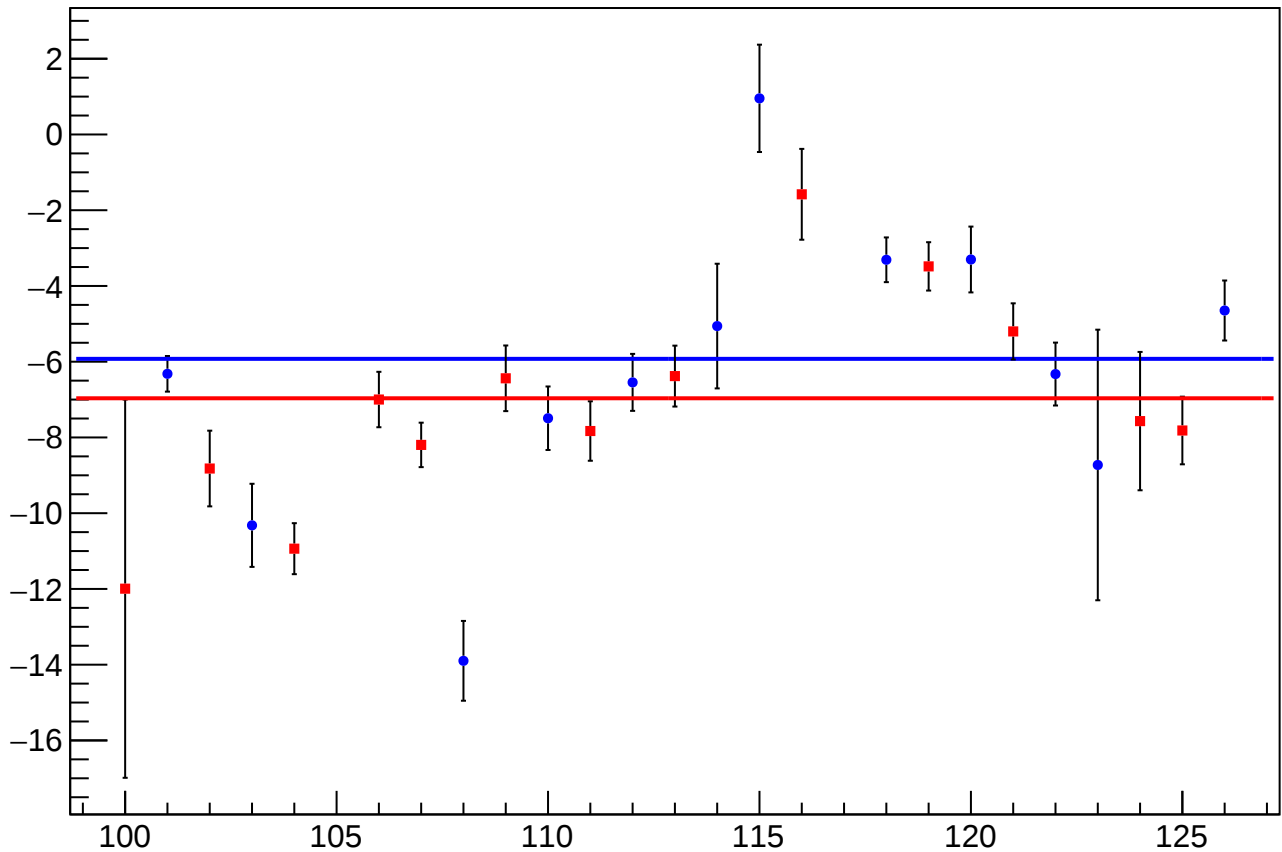
Right: -51.405+/-0.261 χ^2/NDF : 202.9/24

In: -51.686+/-0.389 χ^2/NDF : 76.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.405+/-0.261 χ^2/NDF : 202.9/24

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.925 ± 0.238 χ^2/NDF : 134.2/11

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

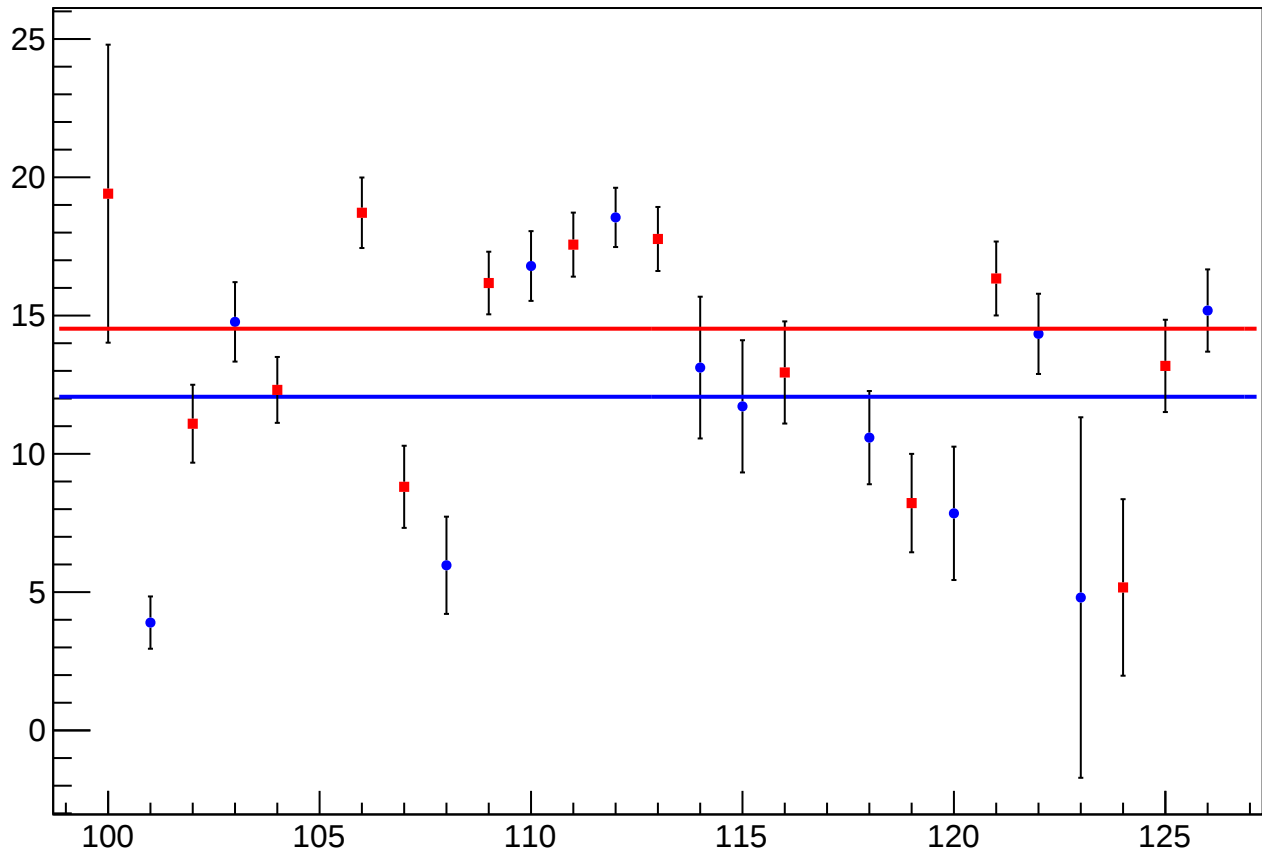
Right: -6.465 ± 0.165 χ^2/NDF : 246.5/24

In: -5.925 ± 0.238 χ^2/NDF : 134.2/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.465 ± 0.165 χ^2/NDF : 246.5/24

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 12.064 $\pm$ 0.437 χ^2 /NDF: 153.0/11

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

Right Out: 14.525 $\pm$ 0.401 χ^2 /NDF: 77.1/12

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

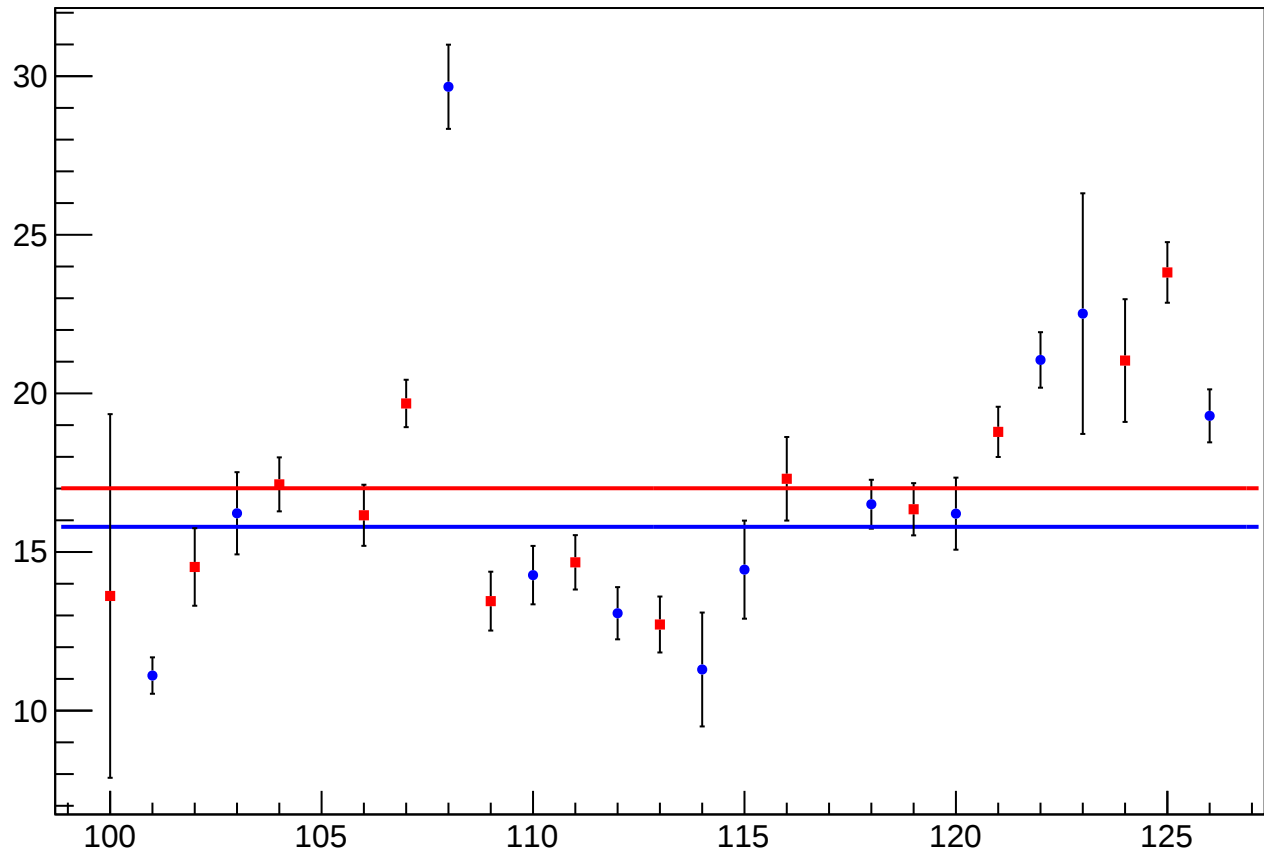
Right: 13.400 $\pm$ 0.296 χ^2 /NDF: 247.3/24

In: 12.064 $\pm$ 0.437 χ^2 /NDF: 153.0/11

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

All: 13.400 $\pm$ 0.296 χ^2 /NDF: 247.3/24

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.794+/-0.279 χ^2/NDF : 254.6/11

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

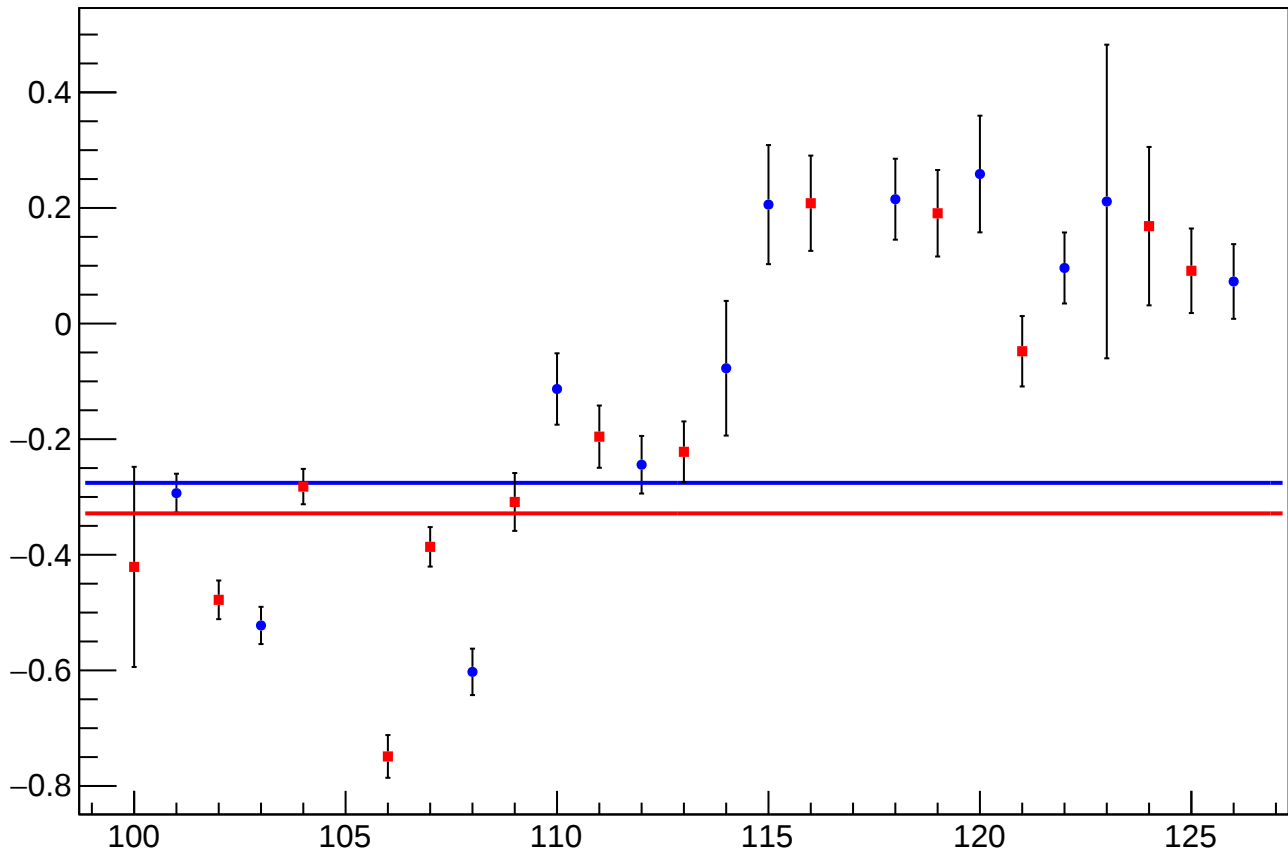
Right: 16.423+/-0.194 χ^2/NDF : 389.1/24

In: 15.794+/-0.279 χ^2/NDF : 254.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.423+/-0.194 χ^2/NDF : 389.1/24

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.276 ± 0.016 χ^2/NDF : 303.3/11

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

Right Out: -0.328 ± 0.013 χ^2/NDF : 323.0/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

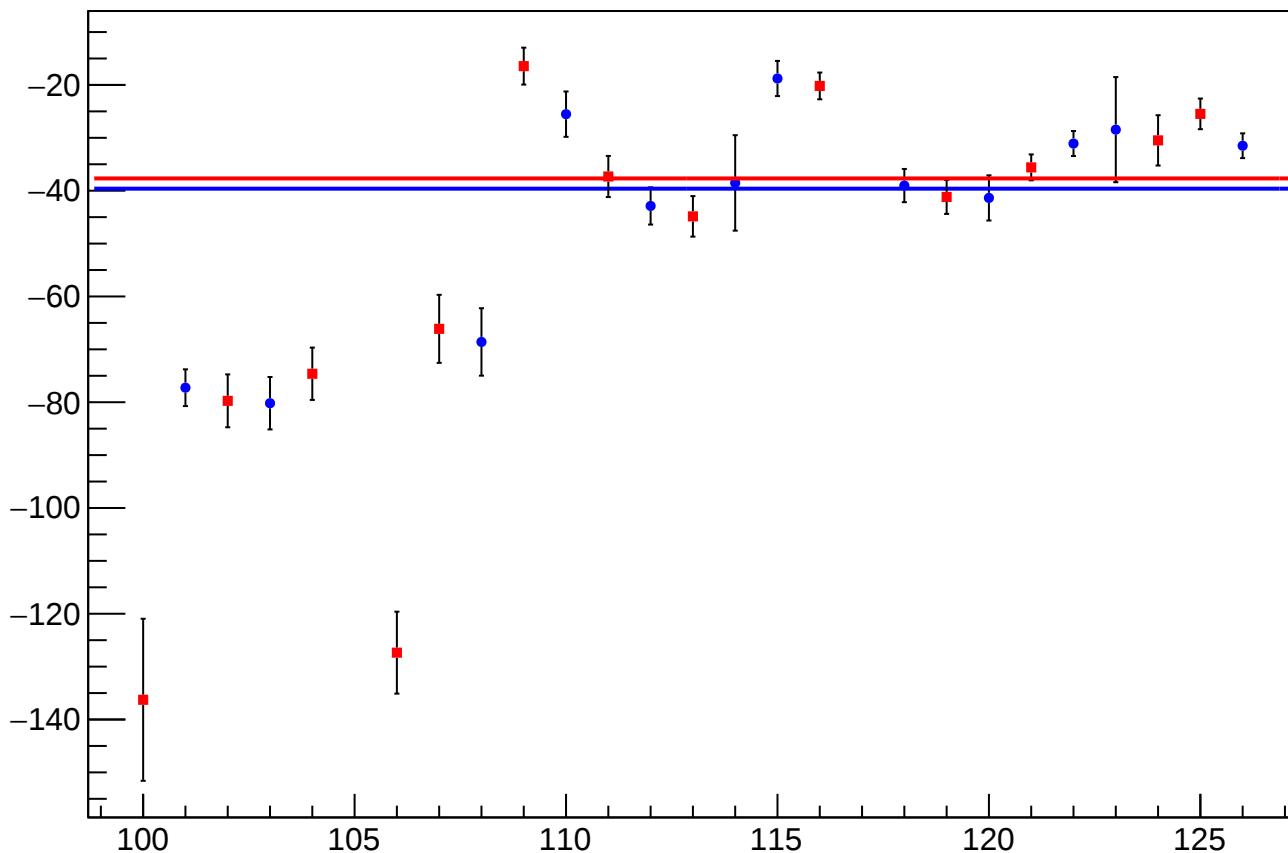
Right: -0.306 ± 0.010 χ^2/NDF : 632.9/24

In: -0.276 ± 0.016 χ^2/NDF : 303.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.306 ± 0.010 χ^2/NDF : 632.9/24

reg_asym_sam_26_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -39.615+/-1.046 χ^2/NDF : 282.5/11

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

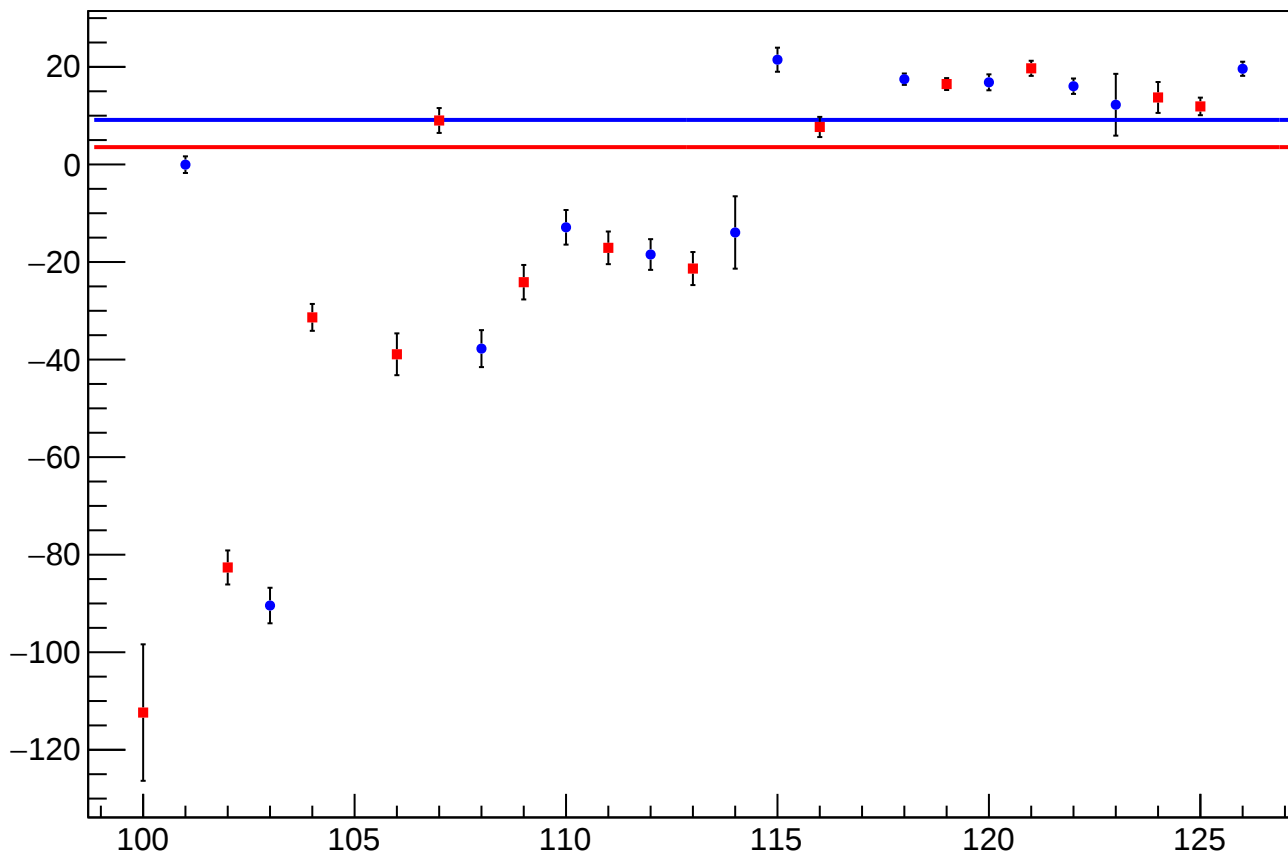
Right: -38.641+/-0.737 χ^2/NDF : 715.8/24

In: -39.615+/-1.046 χ^2/NDF : 282.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.641+/-0.737 χ^2/NDF : 715.8/24

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.132+/-0.591 χ^2/NDF : 1224.0/11

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

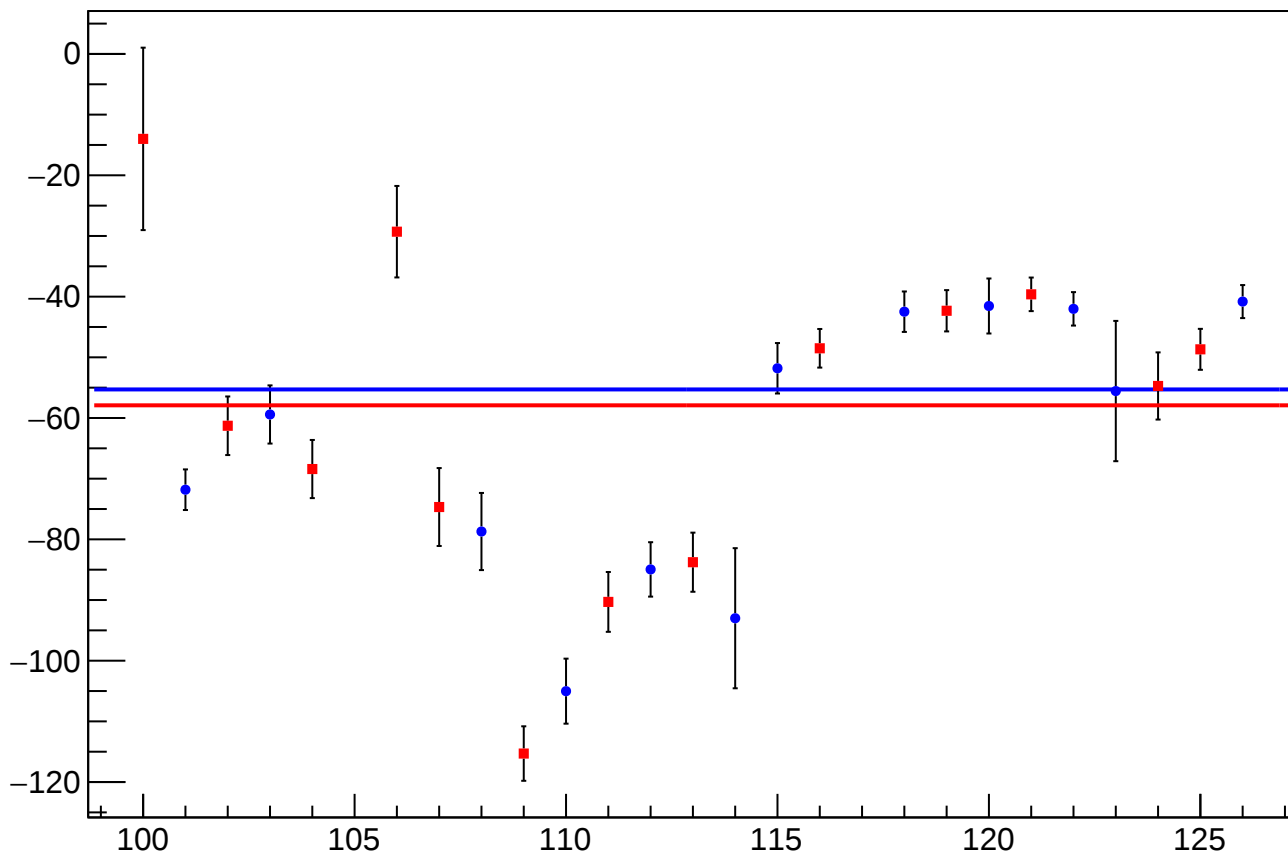
Right: 6.579+/-0.435 χ^2/NDF : 2616.5/24

In: 9.132+/-0.591 χ^2/NDF : 1224.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.579+/-0.435 χ^2/NDF : 2616.5/24

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -55.293+/-1.178 χ^2/NDF : 255.5/11

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

Right Out: -57.911+/-1.194 χ^2/NDF : 350.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

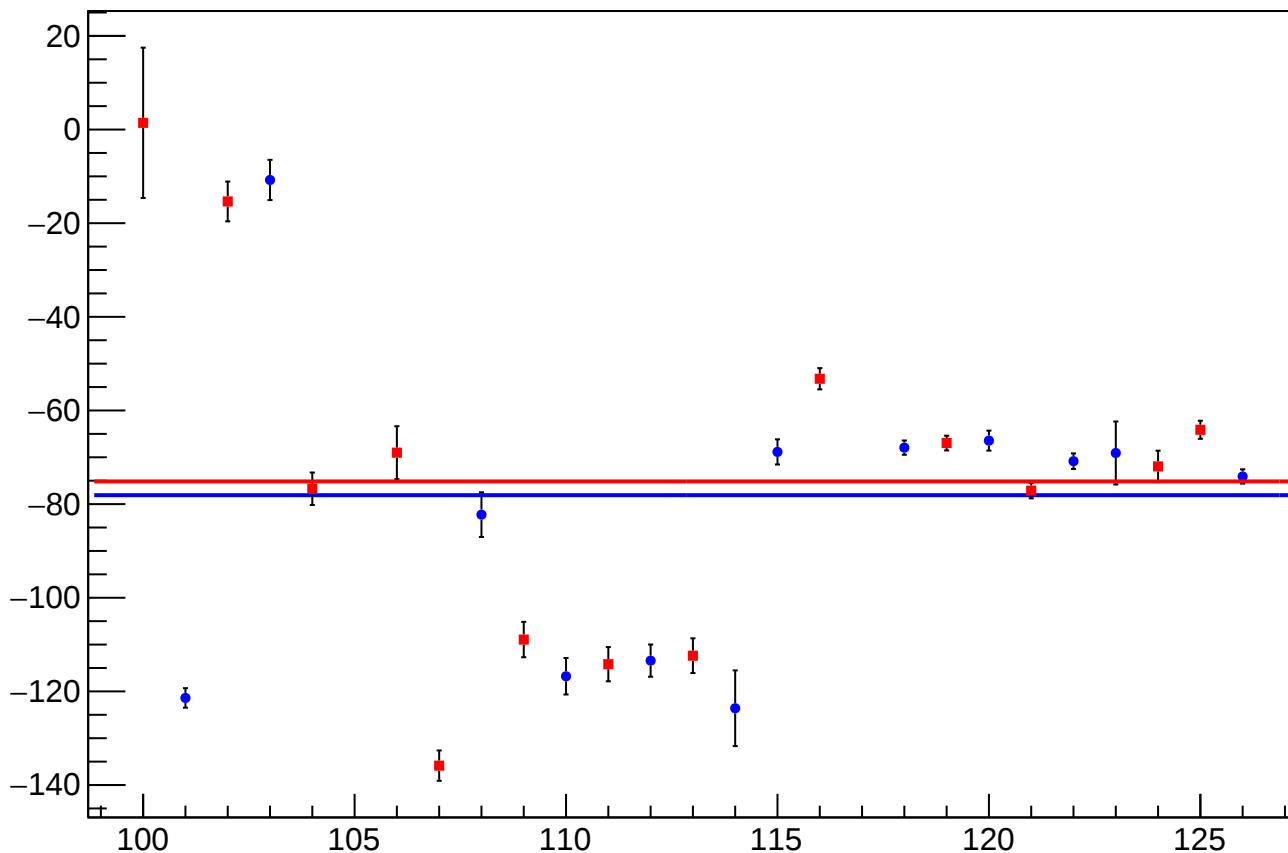
Right: -56.585+/-0.839 χ^2/NDF : 608.8/24

In: -55.293+/-1.178 χ^2/NDF : 255.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.585+/-0.839 χ^2/NDF : 608.8/24

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -78.091 ± 0.691 χ^2/NDF : 1026.8/11

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

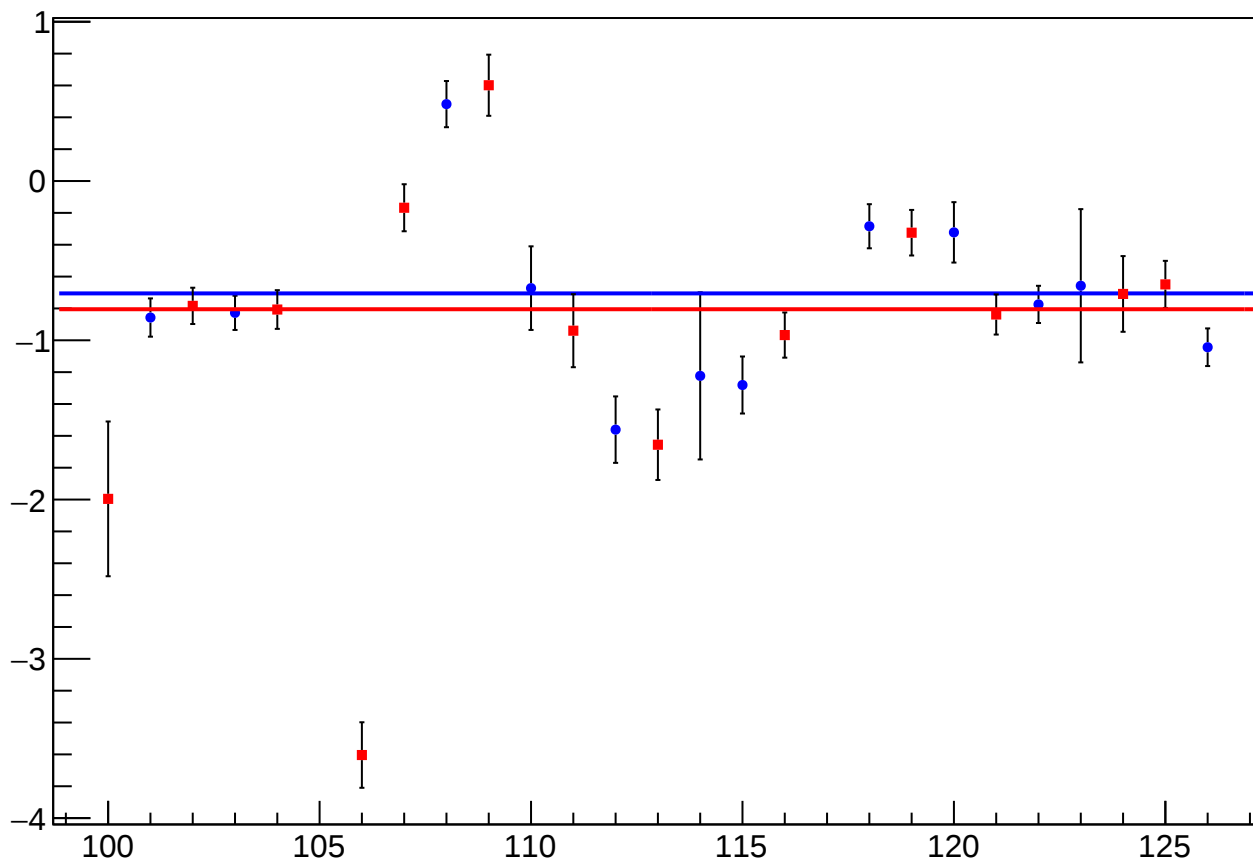
Right: -76.729 ± 0.506 χ^2/NDF : 2057.5/24

In: -78.091 ± 0.691 χ^2/NDF : 1026.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -76.729 ± 0.506 χ^2/NDF : 2057.5/24

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.706 ± 0.045 $\chi^2/\text{NDF}: 120.0/11$

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

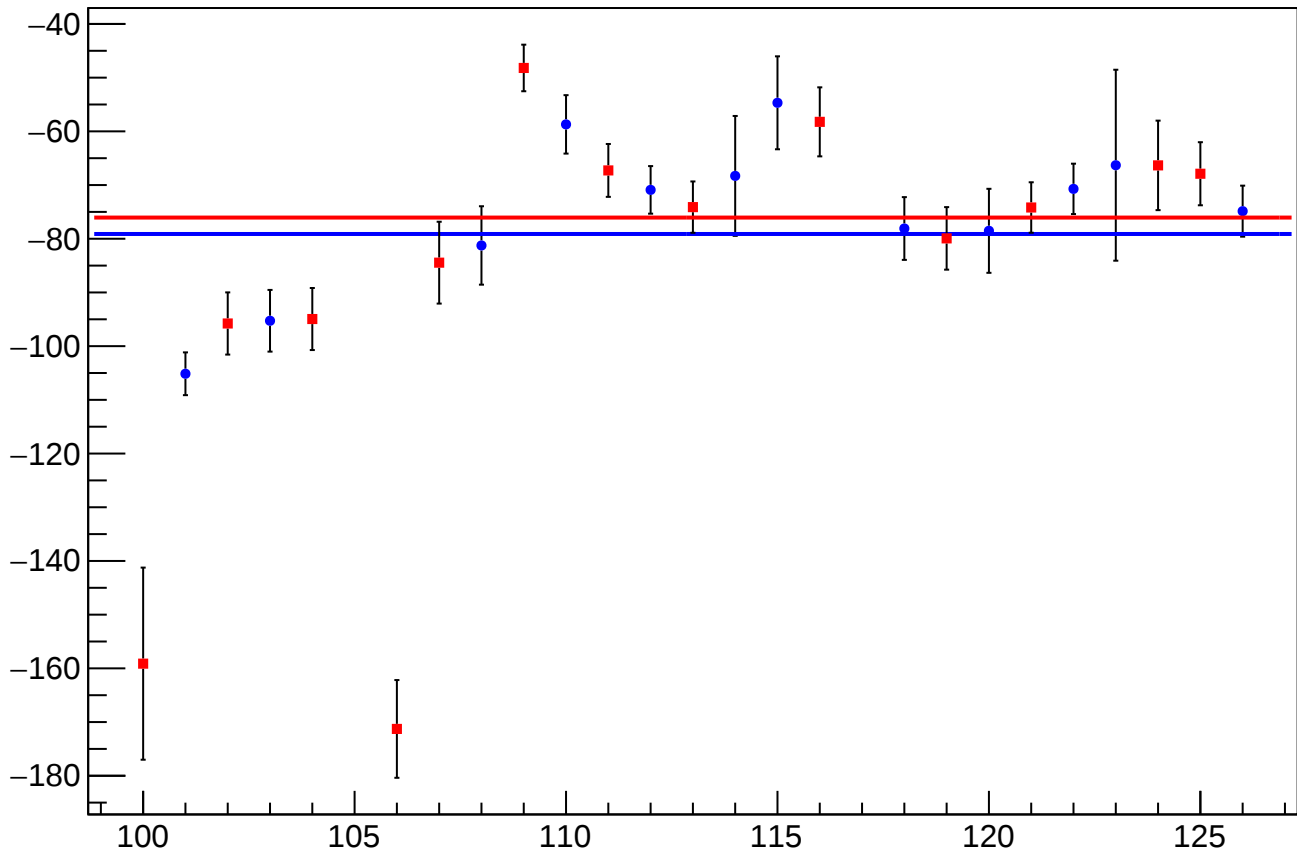
Right: -0.756 ± 0.031 $\chi^2/\text{NDF}: 415.0/24$

In: -0.706 ± 0.045 $\chi^2/\text{NDF}: 120.0/11$

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

All: -0.756 ± 0.031 $\chi^2/\text{NDF}: 415.0/24$

reg_asym_sam_26_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -79.112 $\pm$ 1.674 χ^2 /NDF: 81.7/11

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

Right Out: -76.056 $\pm$ 1.638 χ^2 /NDF: 210.8/12

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

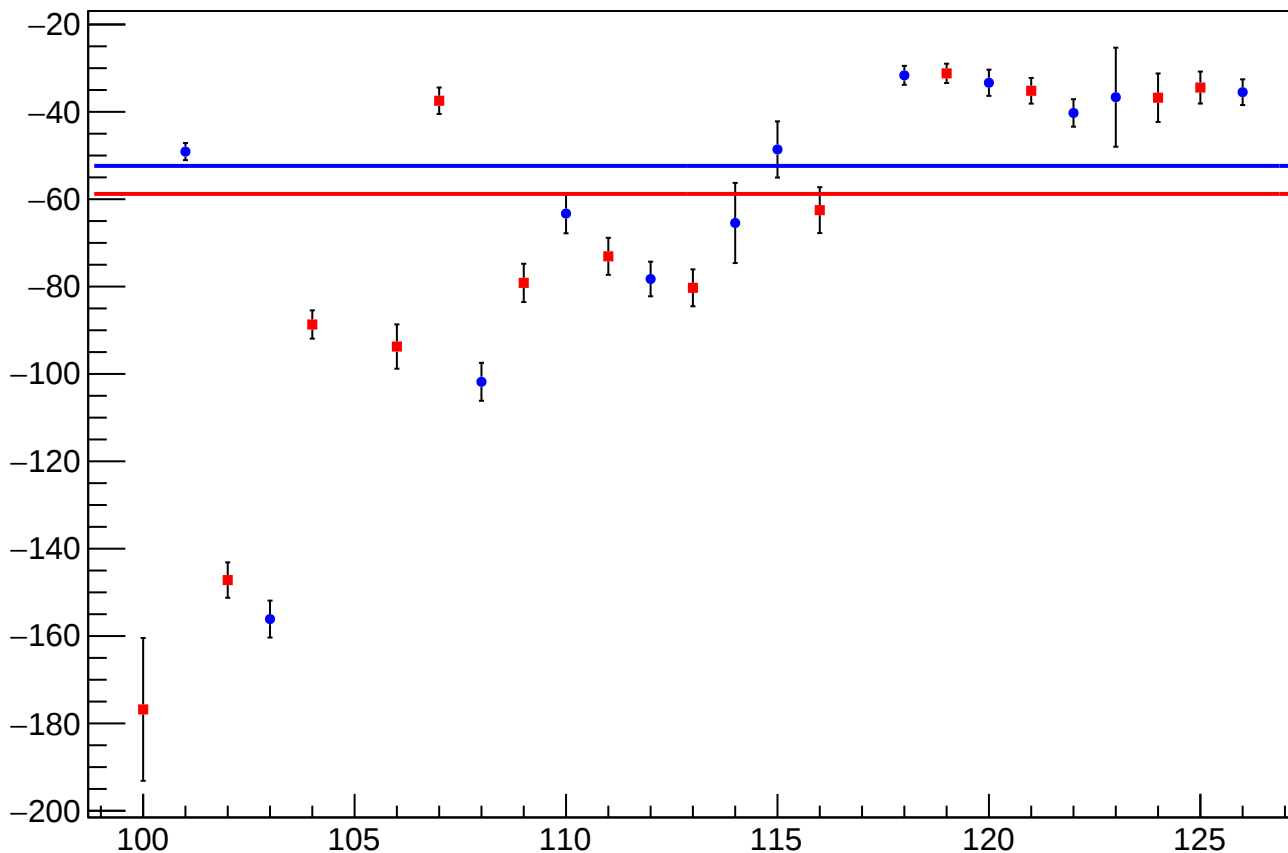
Right: -77.550 $\pm$ 1.171 χ^2 /NDF: 294.2/24

In: -79.112 $\pm$ 1.674 χ^2 /NDF: 81.7/11

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

All: -77.550 $\pm$ 1.171 χ^2 /NDF: 294.2/24

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -52.371+/-0.968 χ^2/NDF : 967.1/11

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

Right Out: -58.788+/-1.034 χ^2/NDF : 1049.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

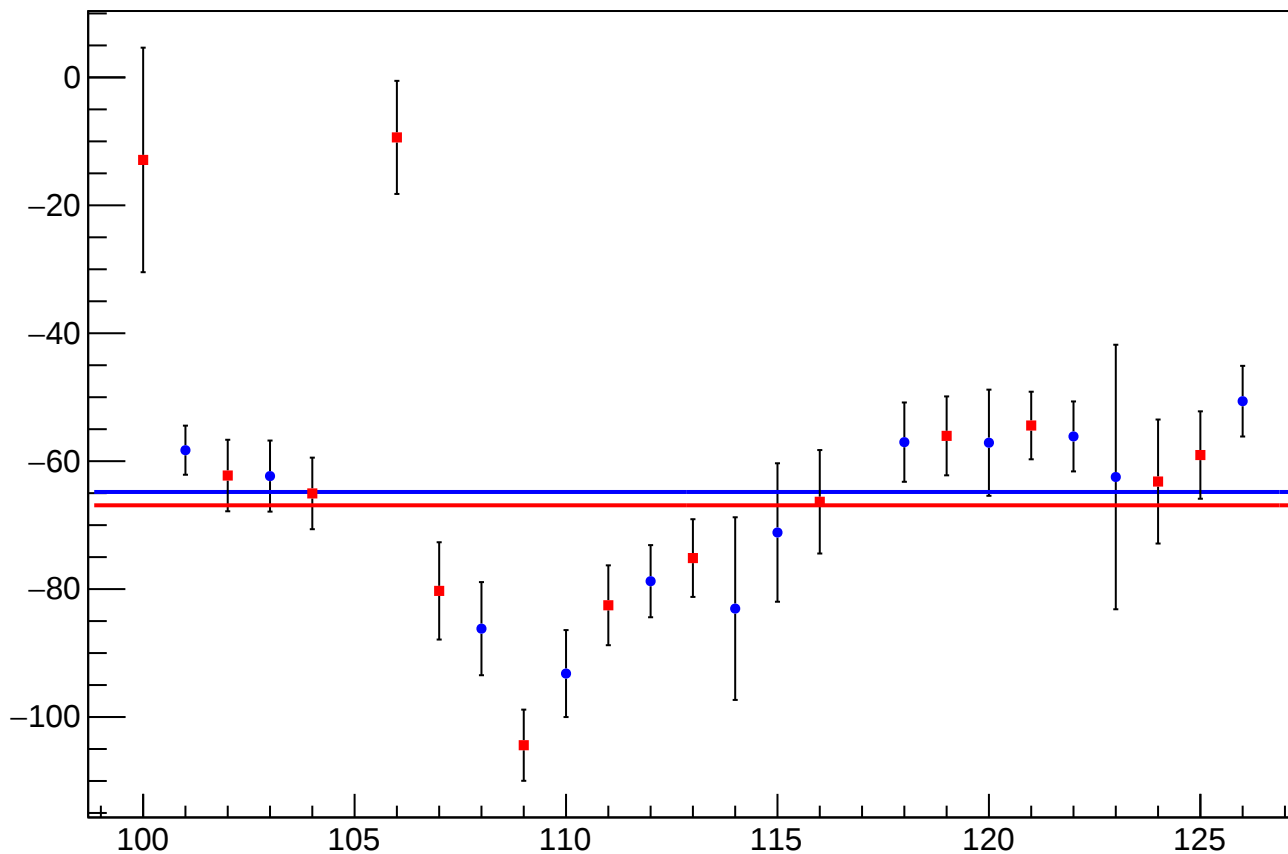
Right: -55.368+/-0.707 χ^2/NDF : 2036.9/24

In: -52.371+/-0.968 χ^2/NDF : 967.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.368+/-0.707 χ^2/NDF : 2036.9/24

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -64.816+/-1.842 χ^2/NDF : 48.8/11

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

Right Out: -66.900+/-1.851 χ^2/NDF : 119.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

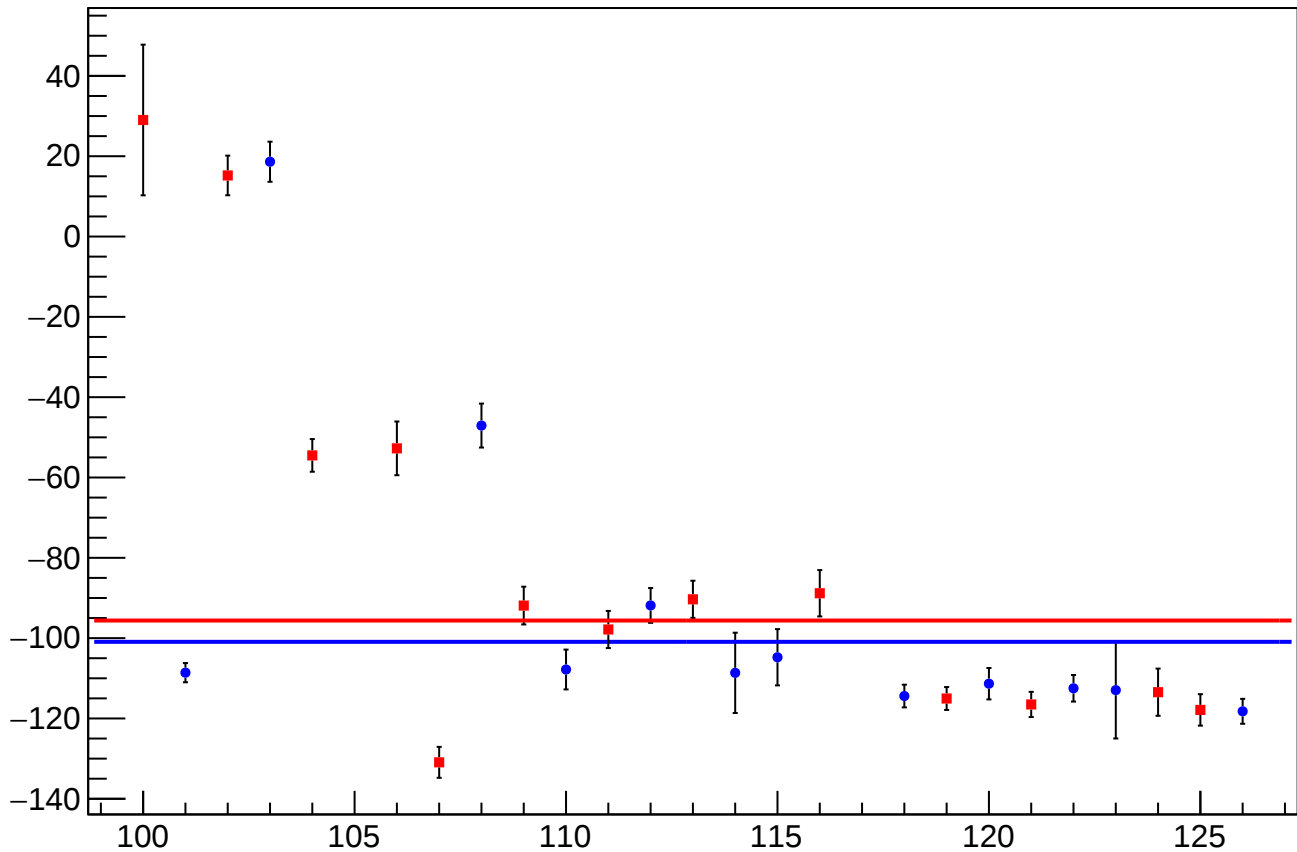
Right: -65.852+/-1.306 χ^2/NDF : 168.9/24

In: -64.816+/-1.842 χ^2/NDF : 48.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.852+/-1.306 χ^2/NDF : 168.9/24

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.919+/-1.143 χ^2 /NDF: 762.0/11

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

Right Out: -95.614+/-1.211 χ^2 /NDF: 911.5/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

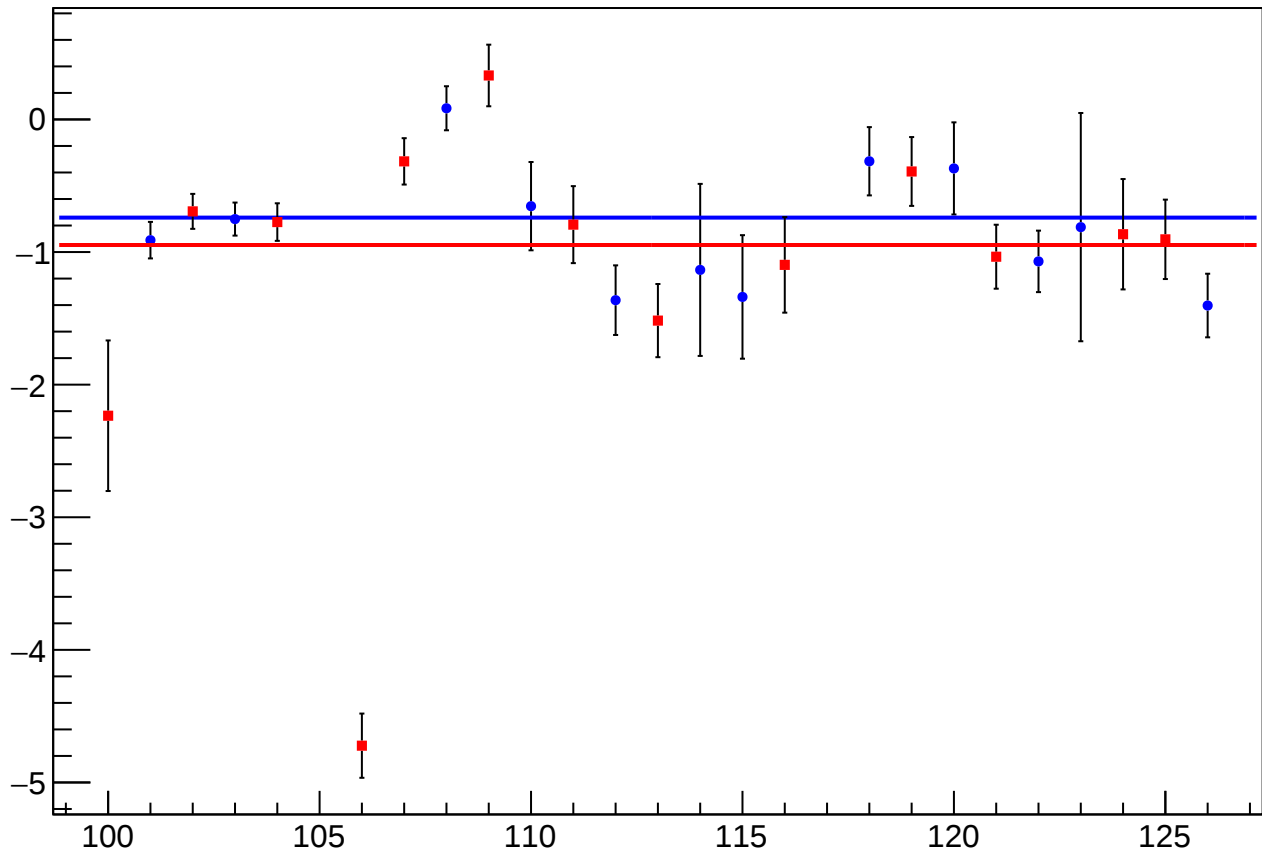
Right: -98.419+/-0.831 χ^2 /NDF: 1683.7/24

In: -100.919+/-1.143 χ^2 /NDF:762.0/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -98.419+/-0.831 χ^2 /NDF: 1683.7/24

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.740 ± 0.064 $\chi^2/\text{NDF}: 47.4/11$

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

Right Out: -0.947 ± 0.062 $\chi^2/\text{NDF}: 306.2/12$

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

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

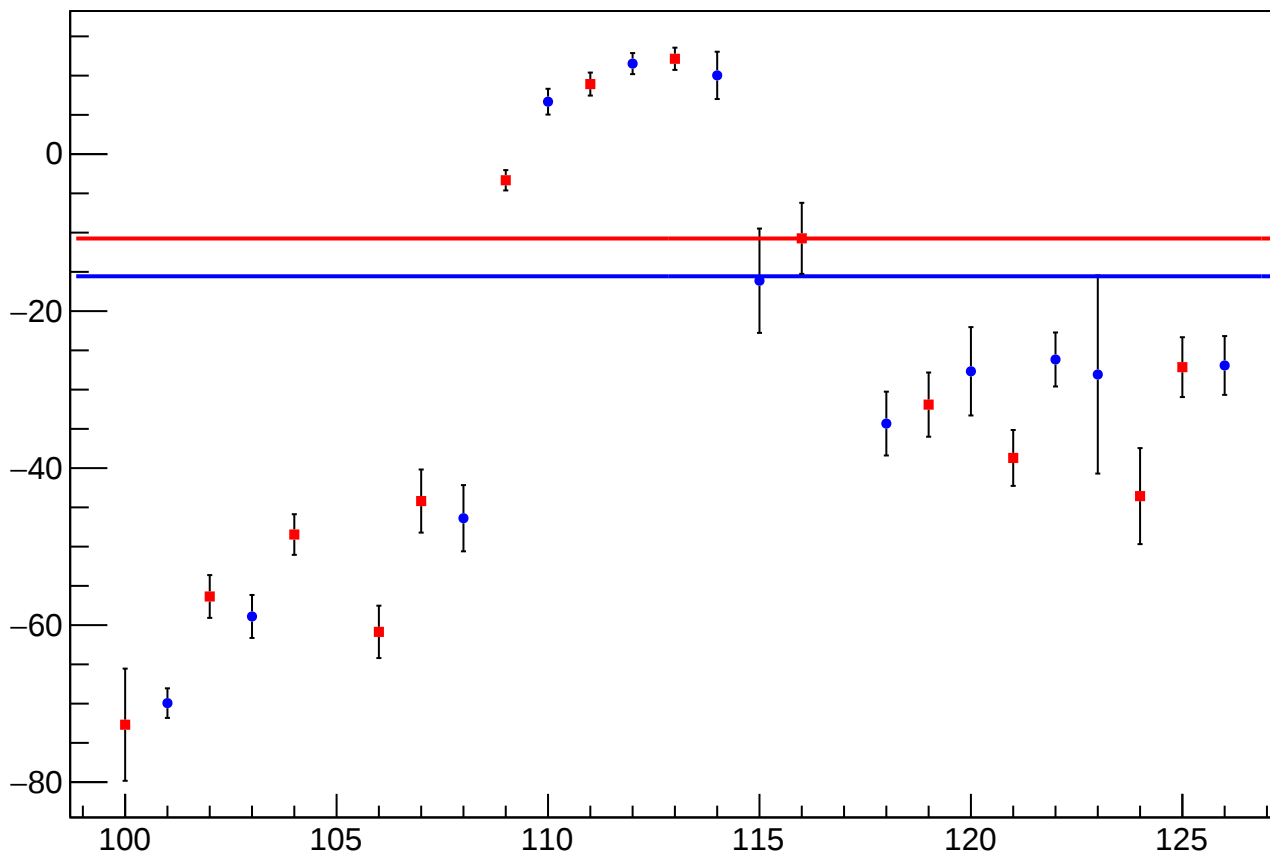
Right: -0.847 ± 0.044 $\chi^2/\text{NDF}: 359.0/24$

In: -0.740 ± 0.064 $\chi^2/\text{NDF}: 47.4/11$

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

All: -0.847 ± 0.044 $\chi^2/\text{NDF}: 359.0/24$

reg_asym_sam_48_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -15.562 $\pm$ 0.749 χ^2 /NDF: 1844.3/11

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

Right Out: -10.749 $\pm$ 0.659 χ^2 /NDF: 1473.1/12

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

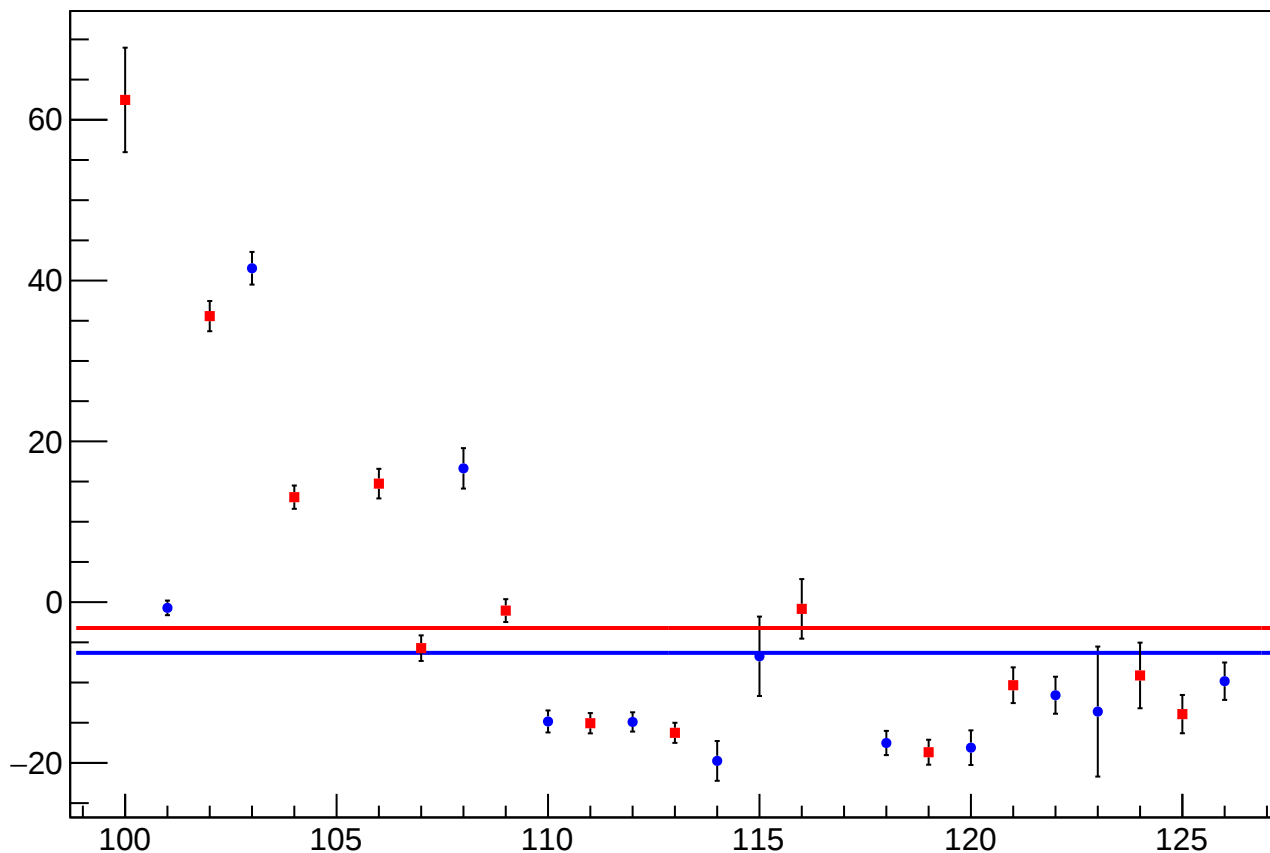
Right: -12.851 $\pm$ 0.495 χ^2 /NDF: 3340.7/24

In: -15.562 $\pm$ 0.749 χ^2 /NDF:1844.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -12.851 $\pm$ 0.495 χ^2 /NDF: 3340.7/24

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.309+/-0.495 χ^2/NDF : 888.7/11

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

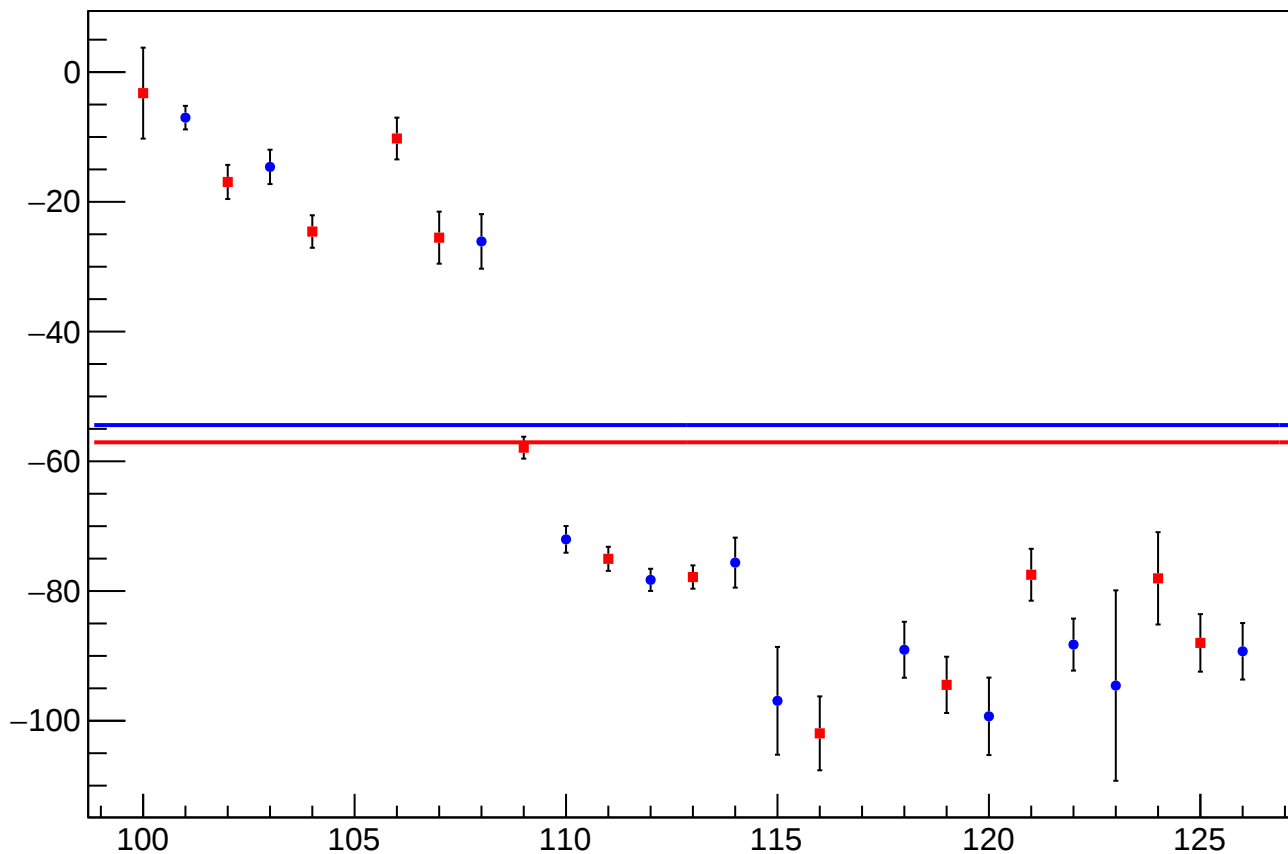
Right: -4.749+/-0.348 χ^2/NDF : 1991.3/24

In: -6.309+/-0.495 χ^2/NDF : 888.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.749+/-0.348 χ^2/NDF : 1991.3/24

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.415+/-0.856 χ^2/NDF : 1540.8/11

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

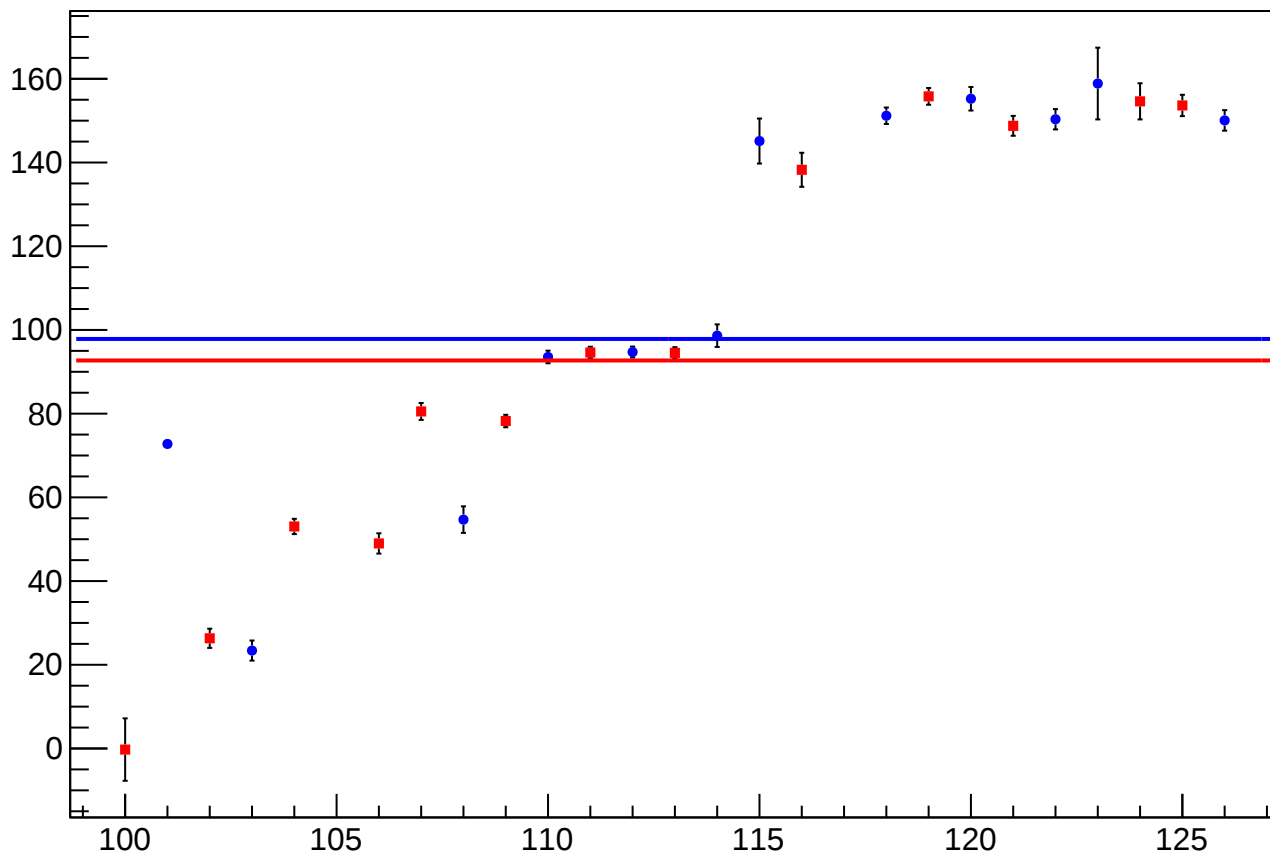
Right: -55.868+/-0.576 χ^2/NDF : 2726.2/24

In: -54.415+/-0.856 χ^2/NDF : 1540.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.868+/-0.576 χ^2/NDF : 2726.2/24

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 97.848+/-0.576 χ^2/NDF : 3874.1/11

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

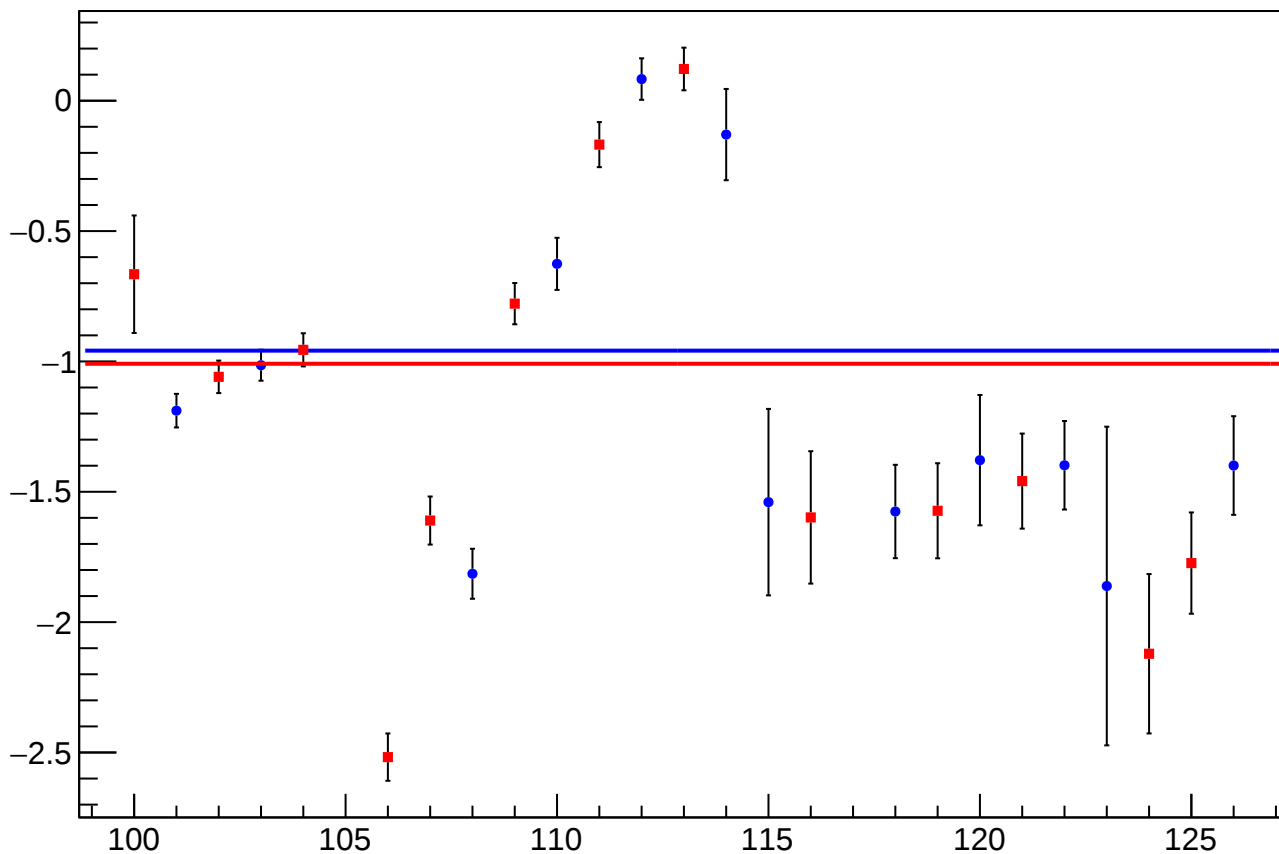
Right: 95.228+/-0.403 χ^2/NDF : 8293.3/24

In: 97.848+/-0.576 χ^2/NDF : 3874.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.228+/-0.403 χ^2/NDF : 8293.3/24

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.959+/-0.031 χ^2/NDF : 329.9/11

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

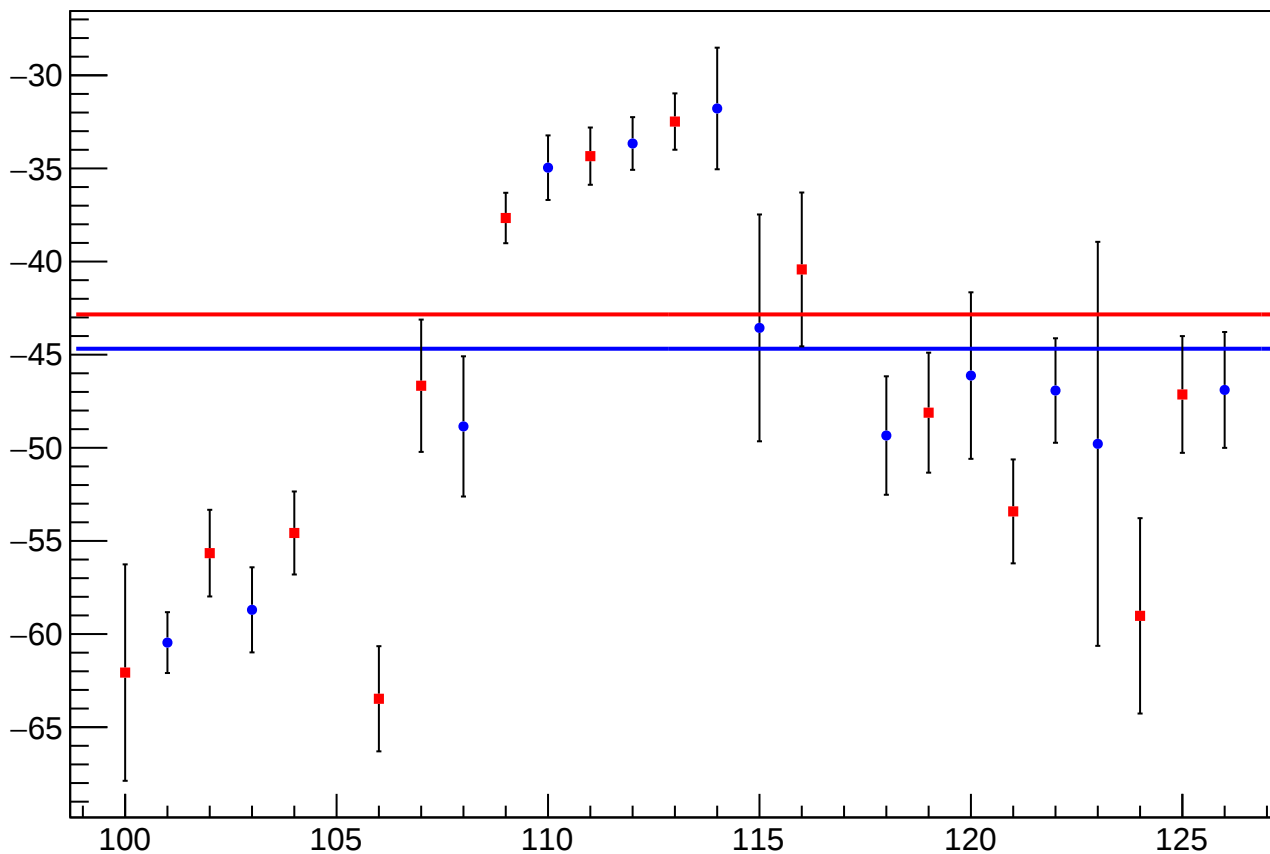
Right: -0.987+/-0.021 χ^2/NDF : 997.6/24

In: -0.959+/-0.031 χ^2/NDF :329.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.987+/-0.021 χ^2/NDF : 997.6/24

reg_asym_sam_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -44.681 $\pm$ 0.711 χ^2 /NDF: 243.5/11

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

Right Out: -42.839 $\pm$ 0.639 χ^2 /NDF: 244.4/12

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

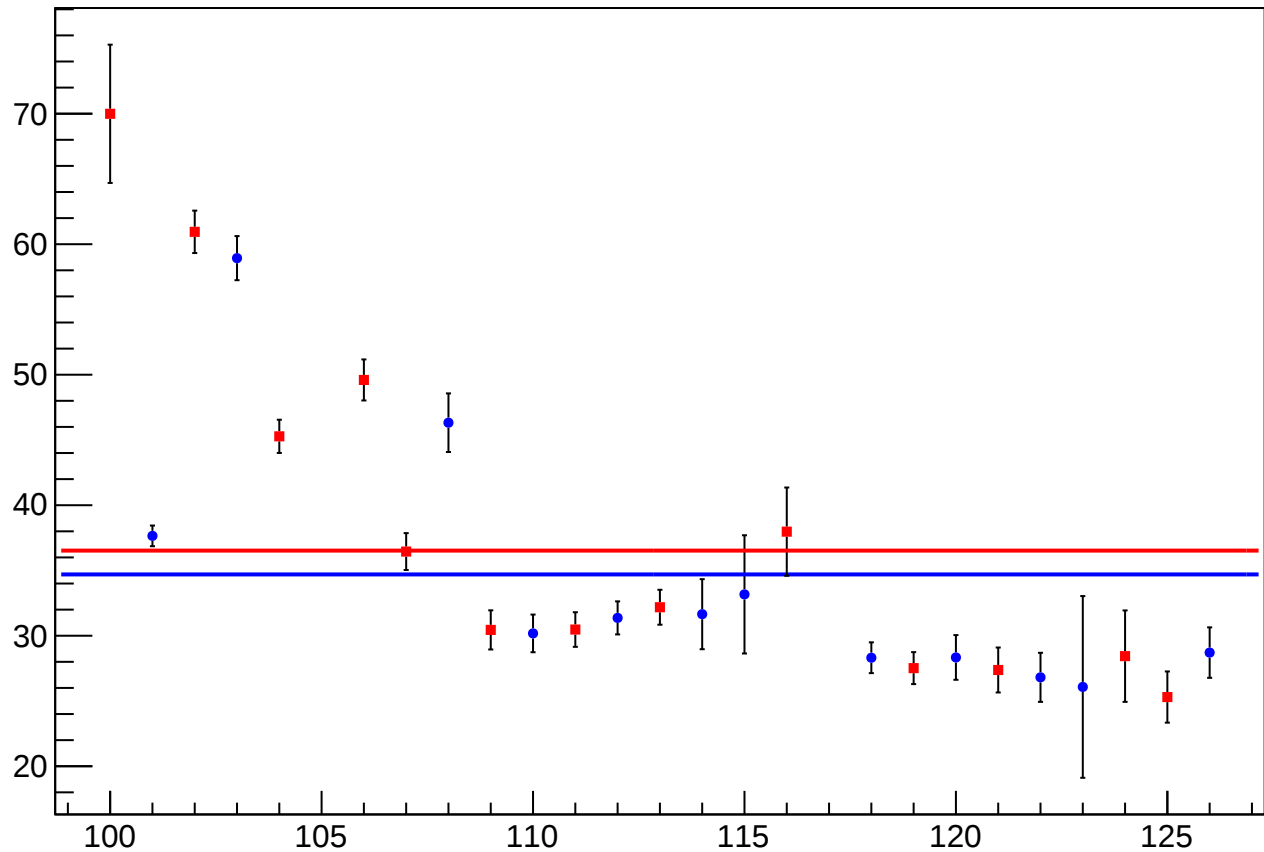
Right: -43.662 $\pm$ 0.475 χ^2 /NDF: 491.7/24

In: -44.681 $\pm$ 0.711 χ^2 /NDF:243.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -43.662 $\pm$ 0.475 χ^2 /NDF: 491.7/24

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 34.697+/-0.444 χ^2/NDF : 336.2/11

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

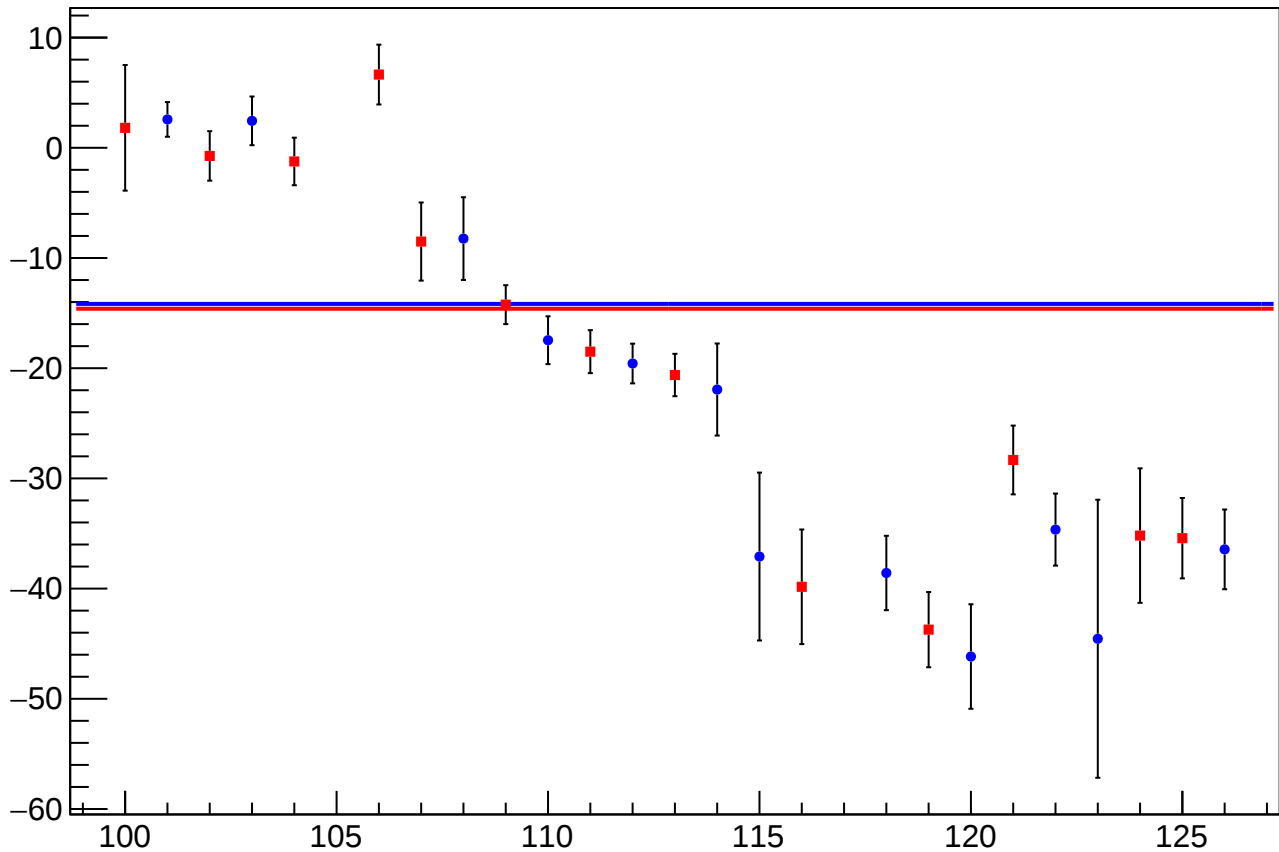
Right: 35.599+/-0.316 χ^2/NDF : 895.2/24

In: 34.697+/-0.444 χ^2/NDF : 336.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.599+/-0.316 χ^2/NDF : 895.2/24

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -14.165+/-0.795 χ^2/NDF : 376.8/11

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

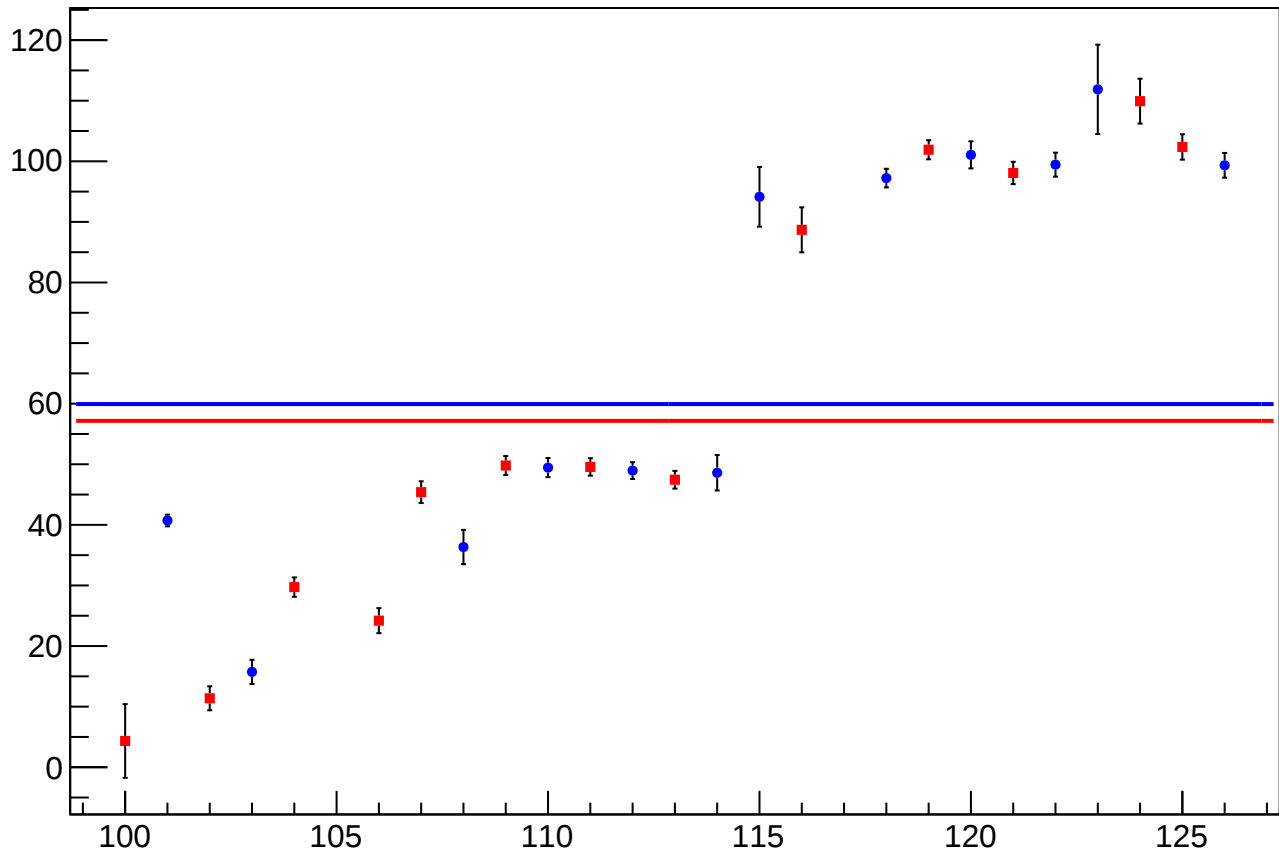
Right: -14.400+/-0.540 χ^2/NDF : 699.5/24

In: -14.165+/-0.795 χ^2/NDF : 376.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.400+/-0.540 χ^2/NDF : 699.5/24

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 59.934+/-0.522 χ^2/NDF : 2874.3/11

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

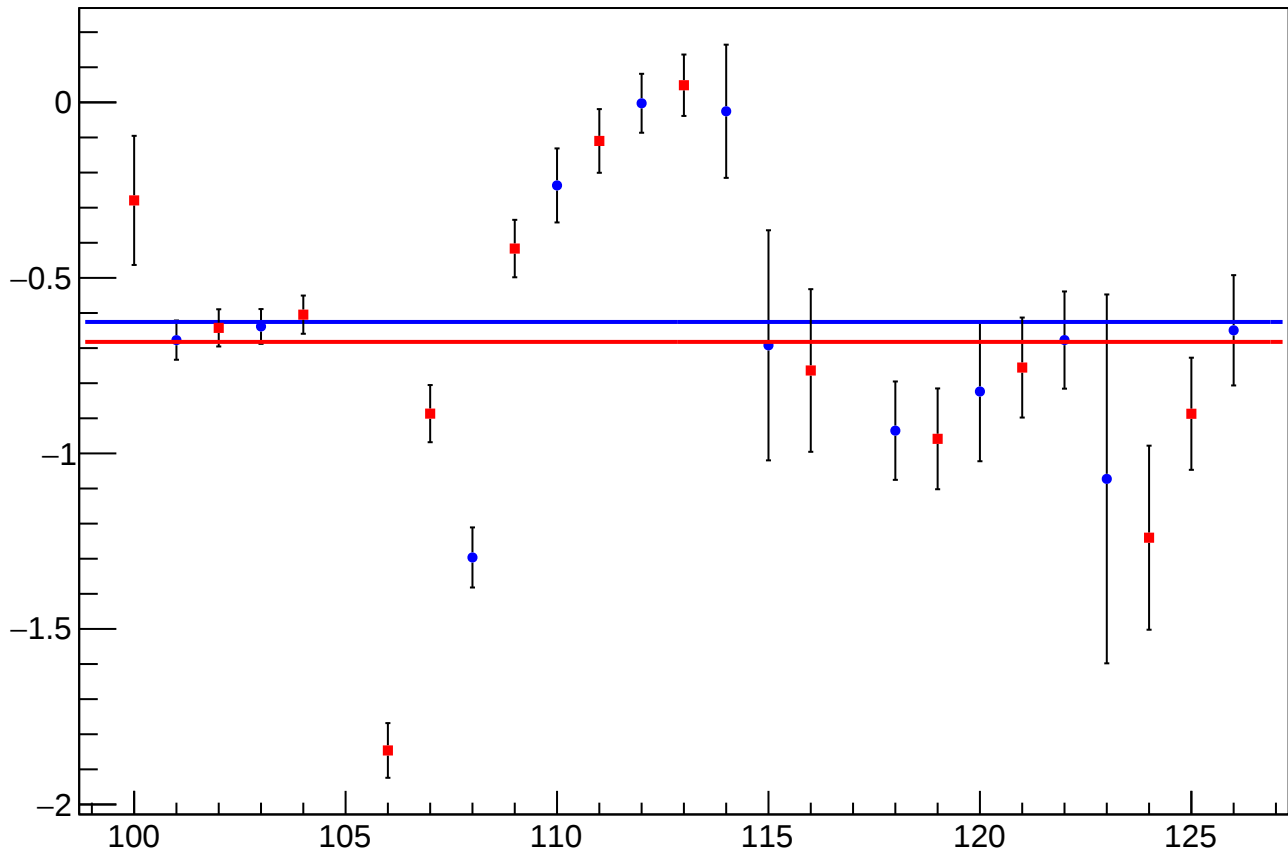
Right: 58.554+/-0.370 χ^2/NDF : 6221.3/24

In: 59.934+/-0.522 χ^2/NDF : 2874.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.554+/-0.370 χ^2/NDF : 6221.3/24

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.626 ± 0.028 χ^2/NDF : 147.8/11

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

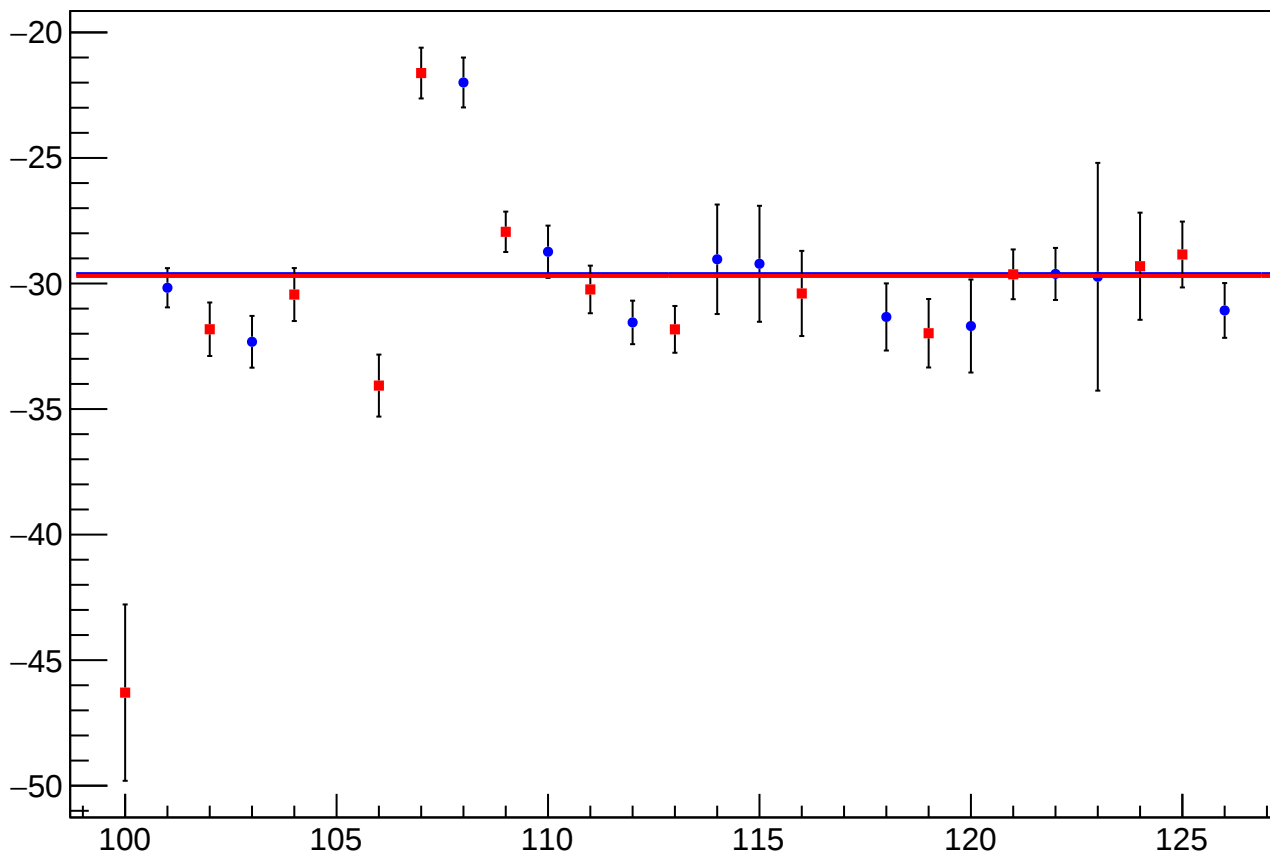
Right: -0.657 ± 0.019 χ^2/NDF : 517.5/24

In: -0.626 ± 0.028 χ^2/NDF : 147.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.657 ± 0.019 χ^2/NDF : 517.5/24

reg_asym_sam_13_57_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -29.626 $\pm$ 0.335 χ^2 /NDF: 76.7/11

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

Right Out: -29.699 $\pm$ 0.316 χ^2 /NDF: 116.9/12

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

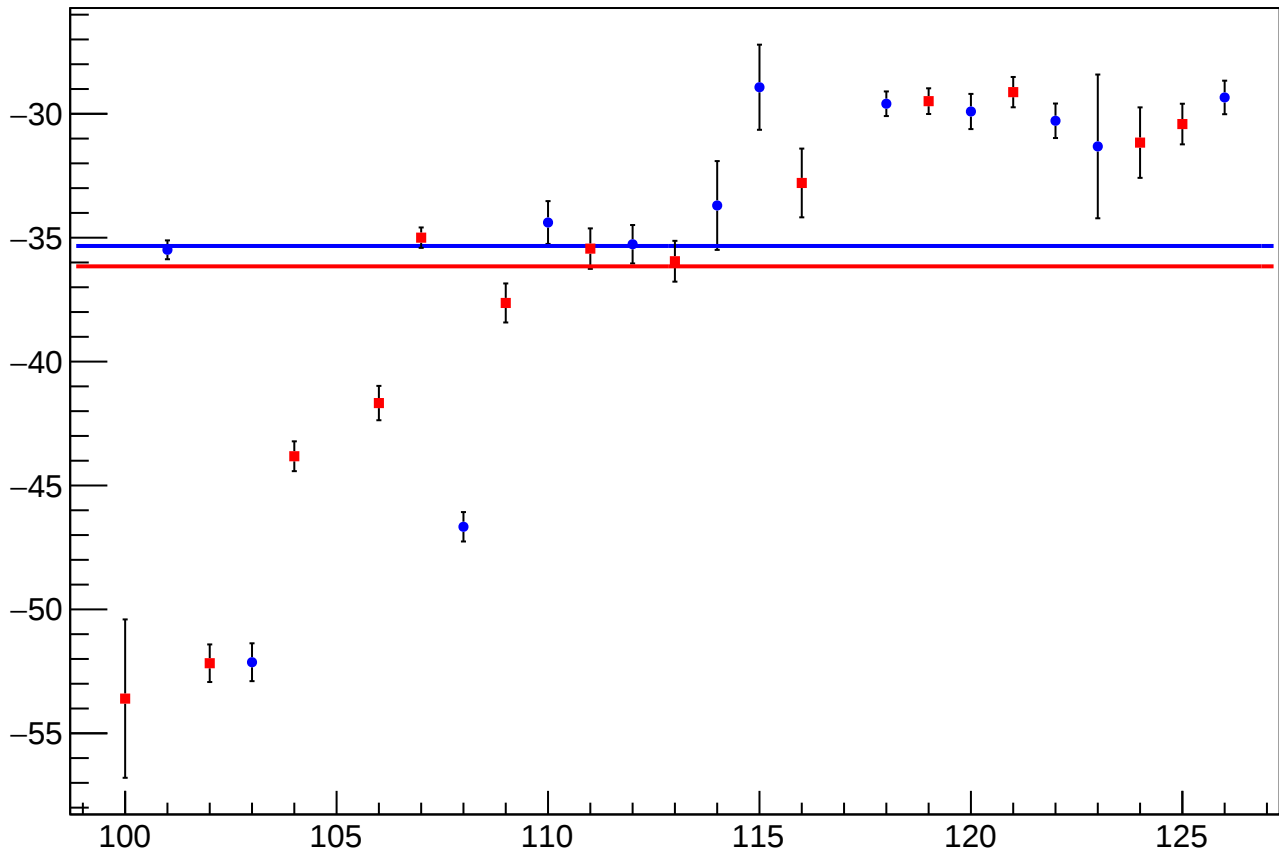
Right: -29.665 $\pm$ 0.230 χ^2 /NDF: 193.6/24

In: -29.626 $\pm$ 0.335 χ^2 /NDF:76.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -29.665 $\pm$ 0.230 χ^2 /NDF: 193.6/24

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -35.334+/-0.198 χ^2/NDF : 1189.7/11

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

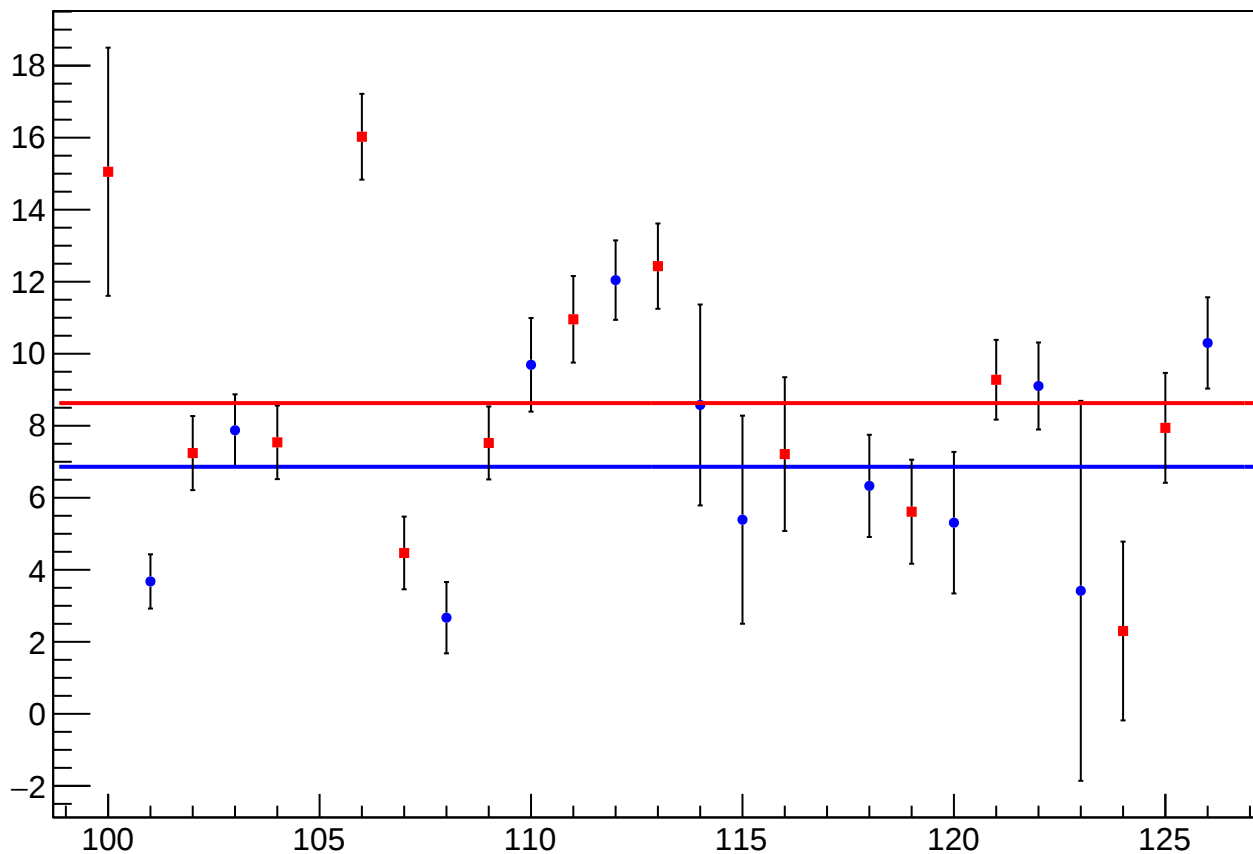
Right: -35.750+/-0.139 χ^2/NDF : 2275.9/24

In: -35.334+/-0.198 χ^2/NDF :1189.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -35.750+/-0.139 χ^2/NDF : 2275.9/24

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.861+/-0.364 χ^2/NDF : 76.2/11

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

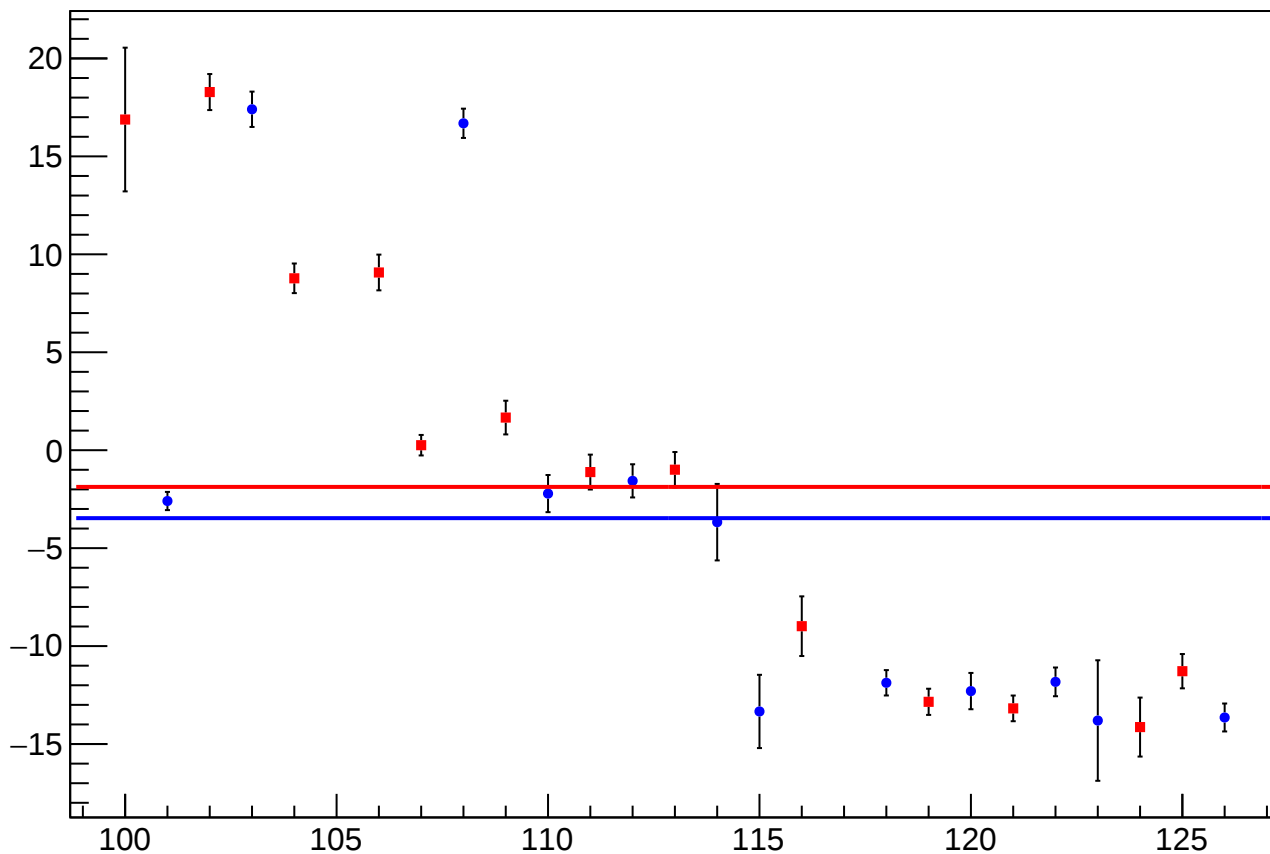
Right: 7.779+/-0.252 χ^2/NDF : 177.5/24

In: 6.861+/-0.364 χ^2/NDF : 76.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.779+/-0.252 χ^2/NDF : 177.5/24

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -3.469 ± 0.234 χ^2/NDF : 1905.1/11

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

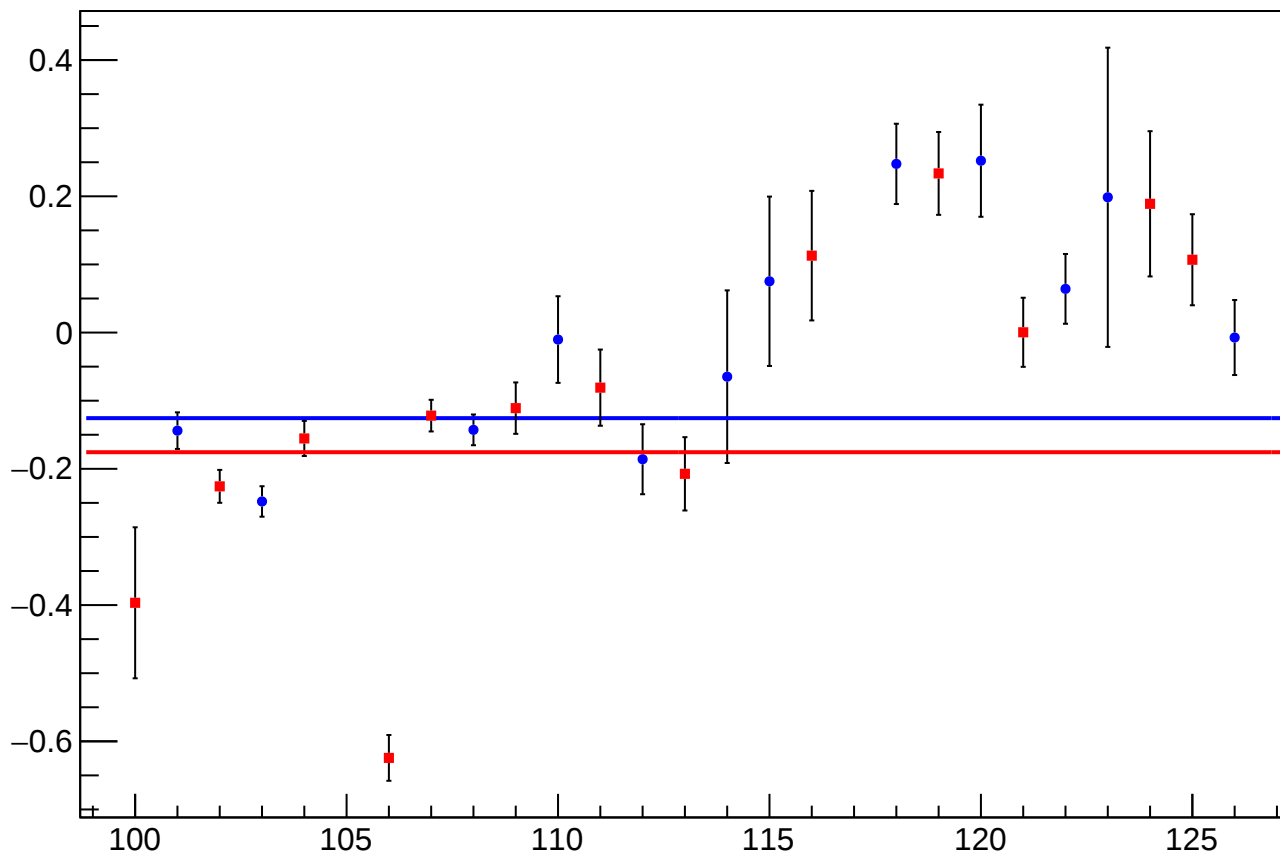
Right: -2.666 ± 0.165 χ^2/NDF : 3582.7/24

In: -3.469 ± 0.234 χ^2/NDF : 1905.1/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.666 ± 0.165 χ^2/NDF : 3582.7/24

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.126 ± 0.012 $\chi^2/\text{NDF}: 120.2/11$

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

Right Out: -0.176 ± 0.011 $\chi^2/\text{NDF}: 294.8/12$

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

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

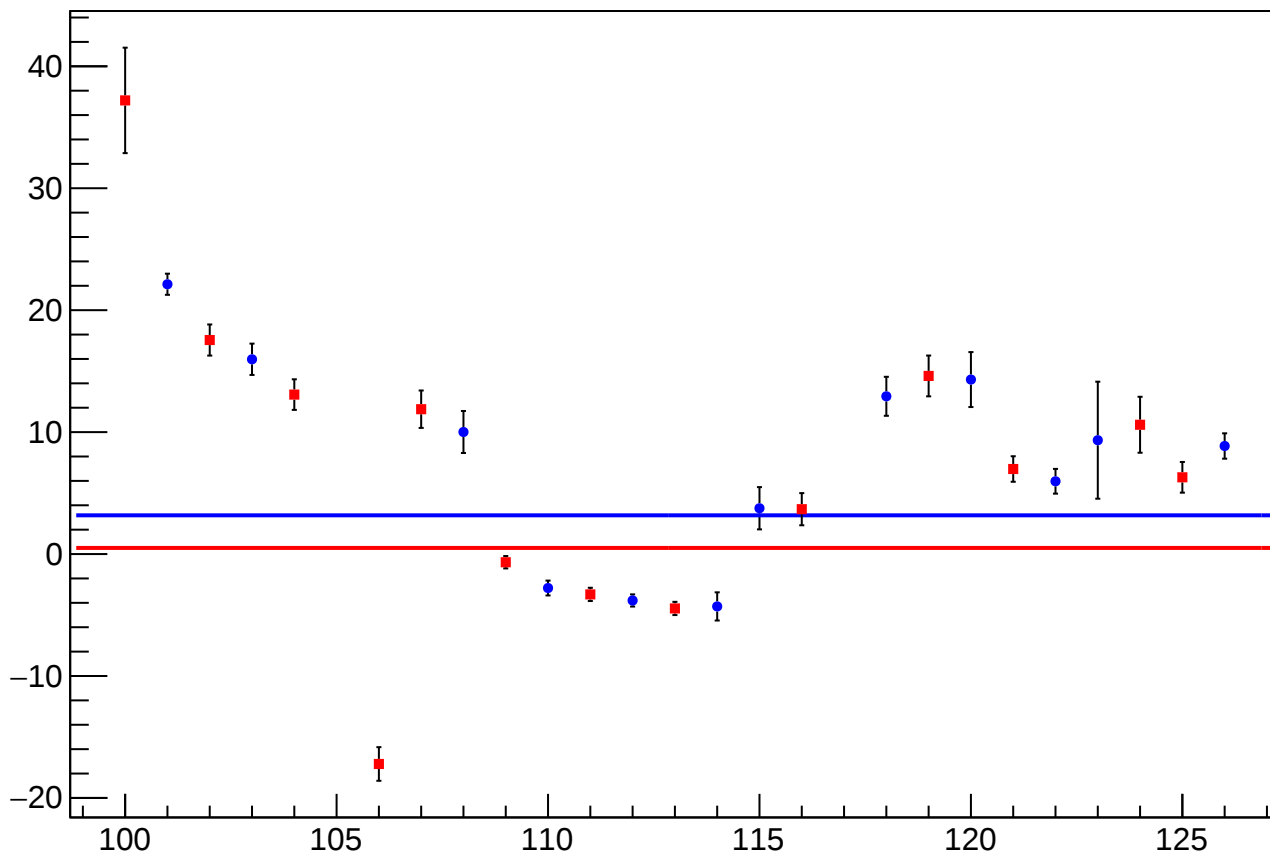
Right: -0.153 ± 0.008 $\chi^2/\text{NDF}: 424.8/24$

In: -0.126 ± 0.012 $\chi^2/\text{NDF}: 120.2/11$

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

All: -0.153 ± 0.008 $\chi^2/\text{NDF}: 424.8/24$

reg_asym_sam_15_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 3.177+/-0.282 χ^2/NDF : 1027.0/11

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

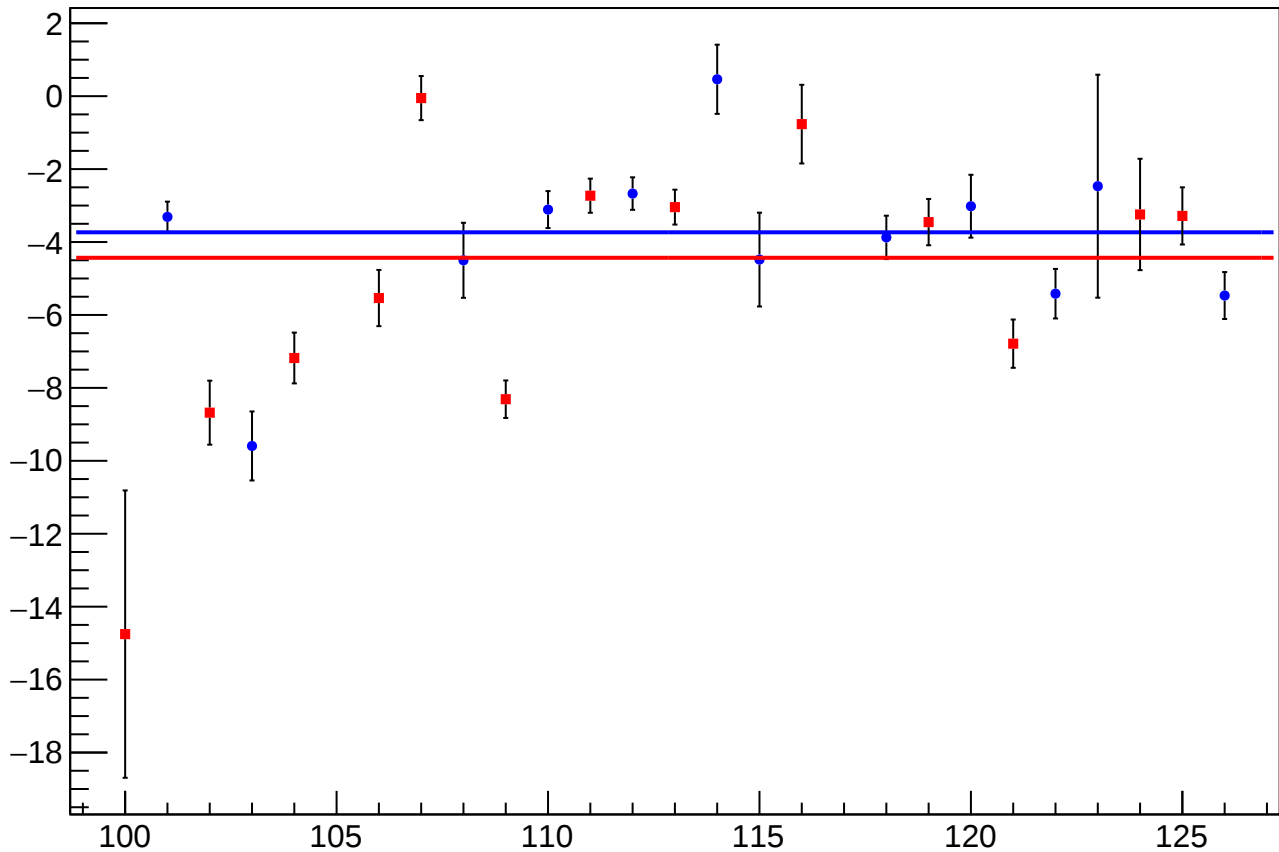
Right: 1.699+/-0.188 χ^2/NDF : 1941.4/24

In: 3.177+/-0.282 χ^2/NDF : 1027.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.699+/-0.188 χ^2/NDF : 1941.4/24

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.733 ± 0.191 χ^2/NDF : 81.4/11

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

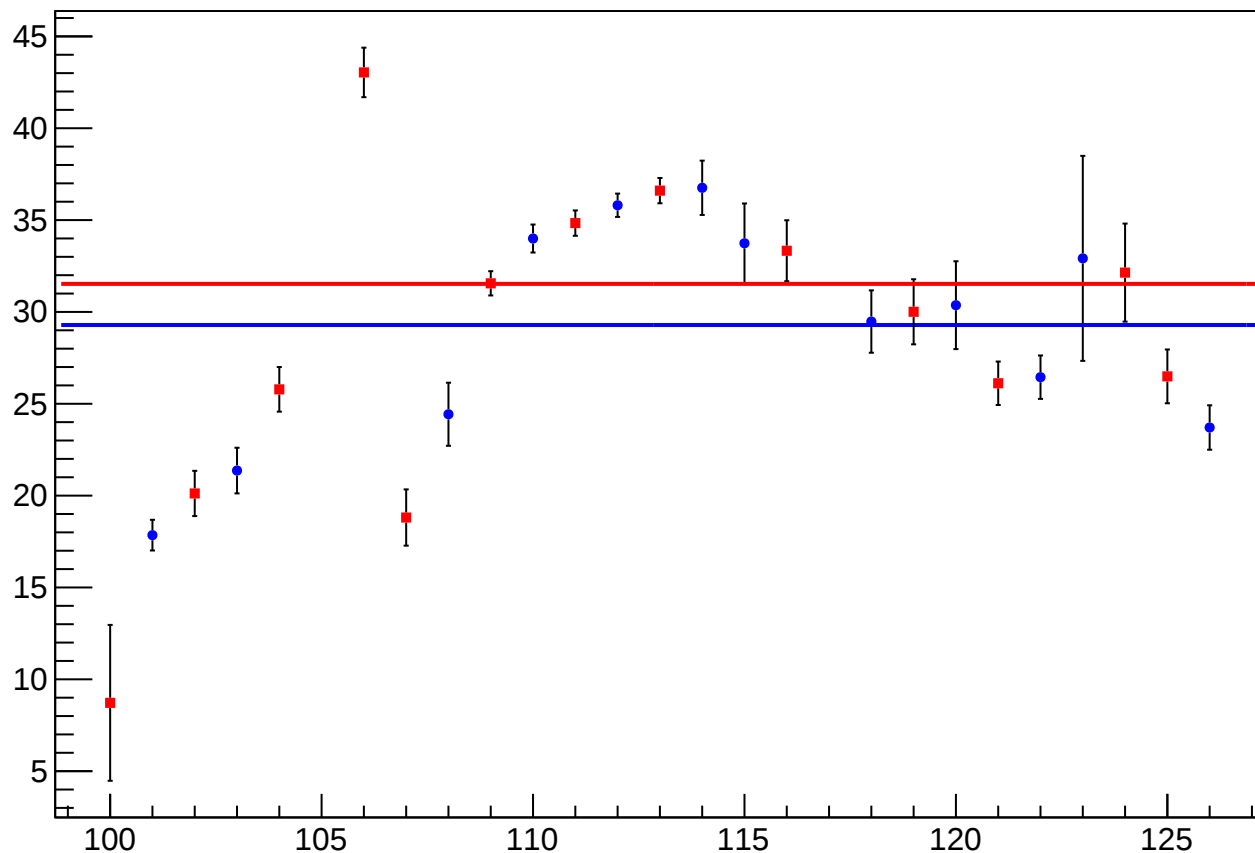
Right: -4.088 ± 0.134 χ^2/NDF : 296.4/24

In: -3.733 ± 0.191 χ^2/NDF : 81.4/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.088 ± 0.134 χ^2/NDF : 296.4/24

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.288+/-0.329 χ^2/NDF : 437.4/11

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

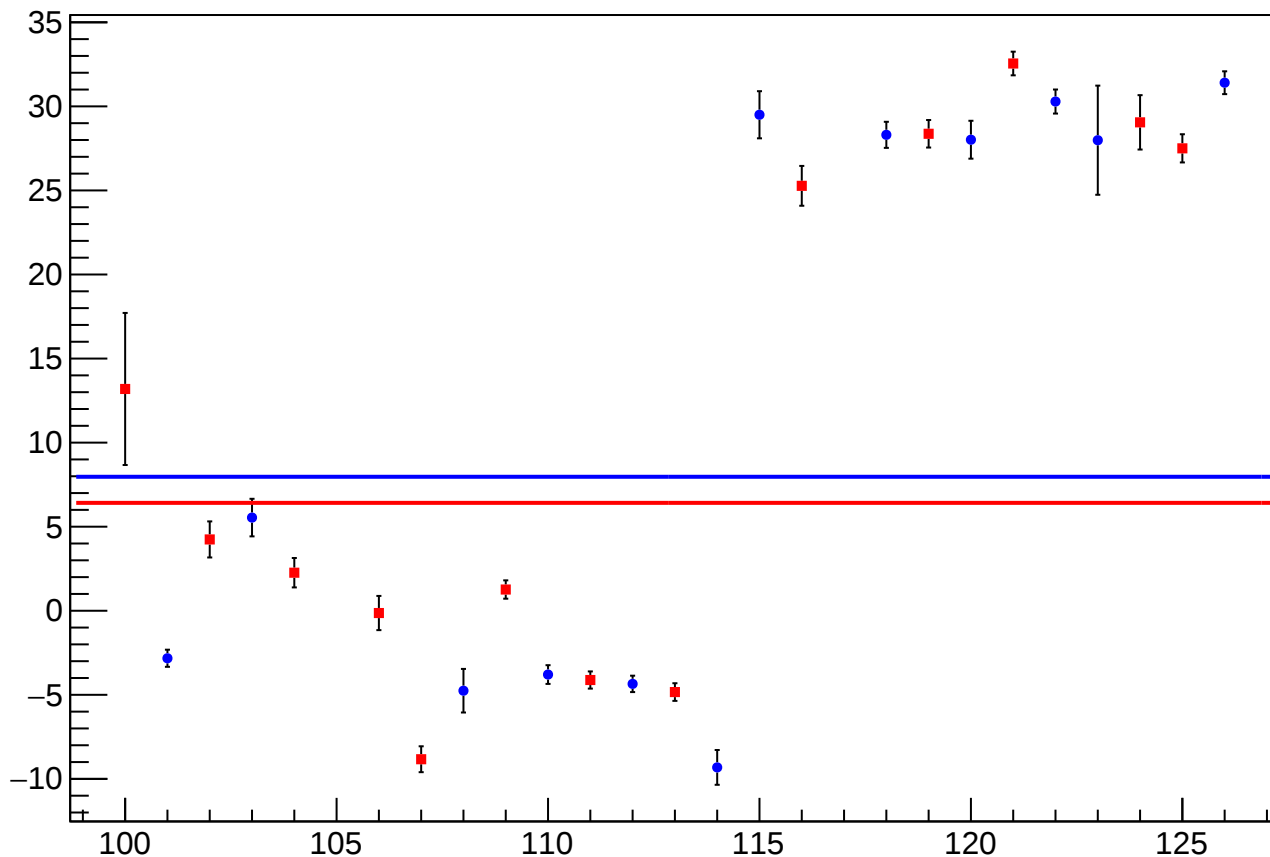
Right: 30.498+/-0.223 χ^2/NDF : 853.4/24

In: 29.288+/-0.329 χ^2/NDF : 437.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.498+/-0.223 χ^2/NDF : 853.4/24

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.969+/-0.219 χ^2/NDF : 5358.1/11

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

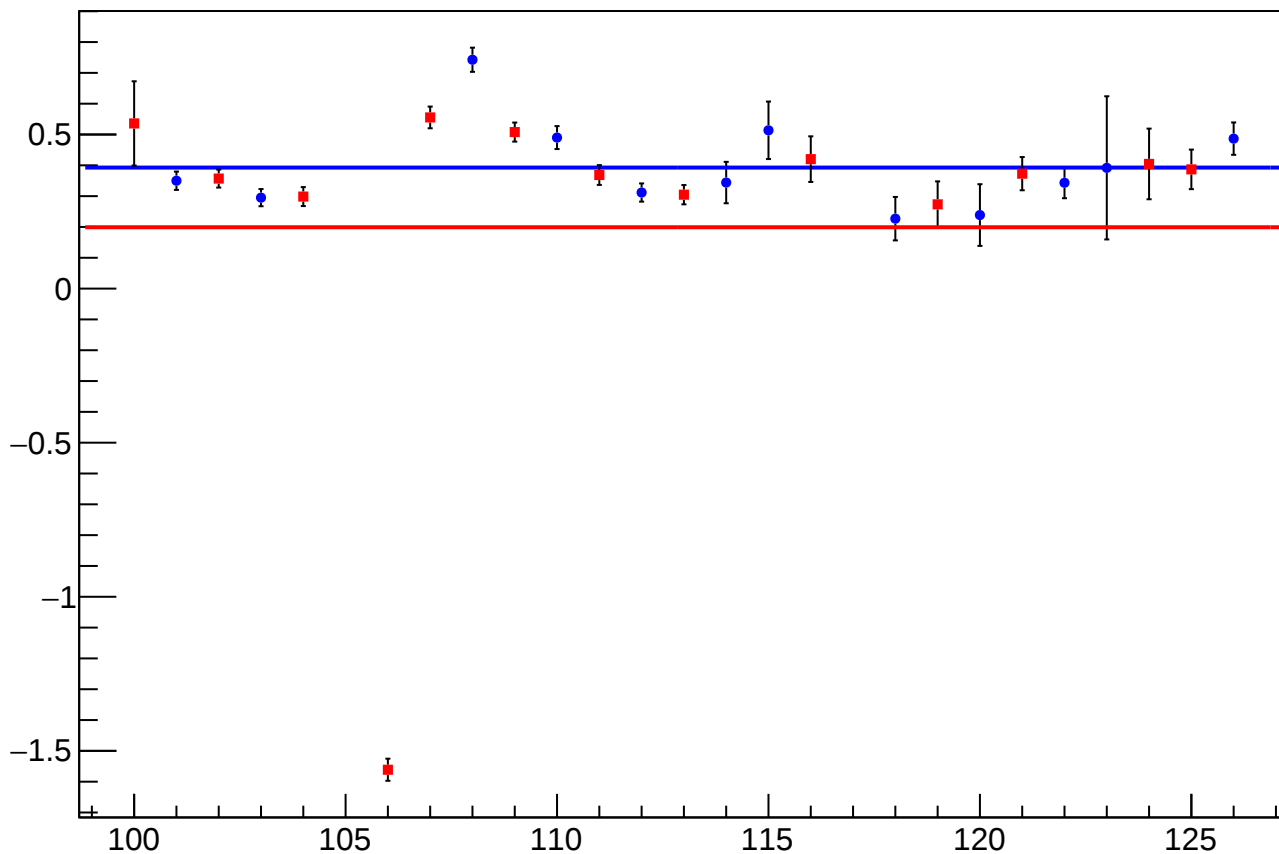
Right: 7.176+/-0.153 χ^2/NDF : 10001.7/24

In: 7.969+/-0.219 χ^2/NDF : 5358.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.176+/-0.153 χ^2/NDF : 10001.7/24

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.393+/-0.013 χ^2/NDF : 122.6/11

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

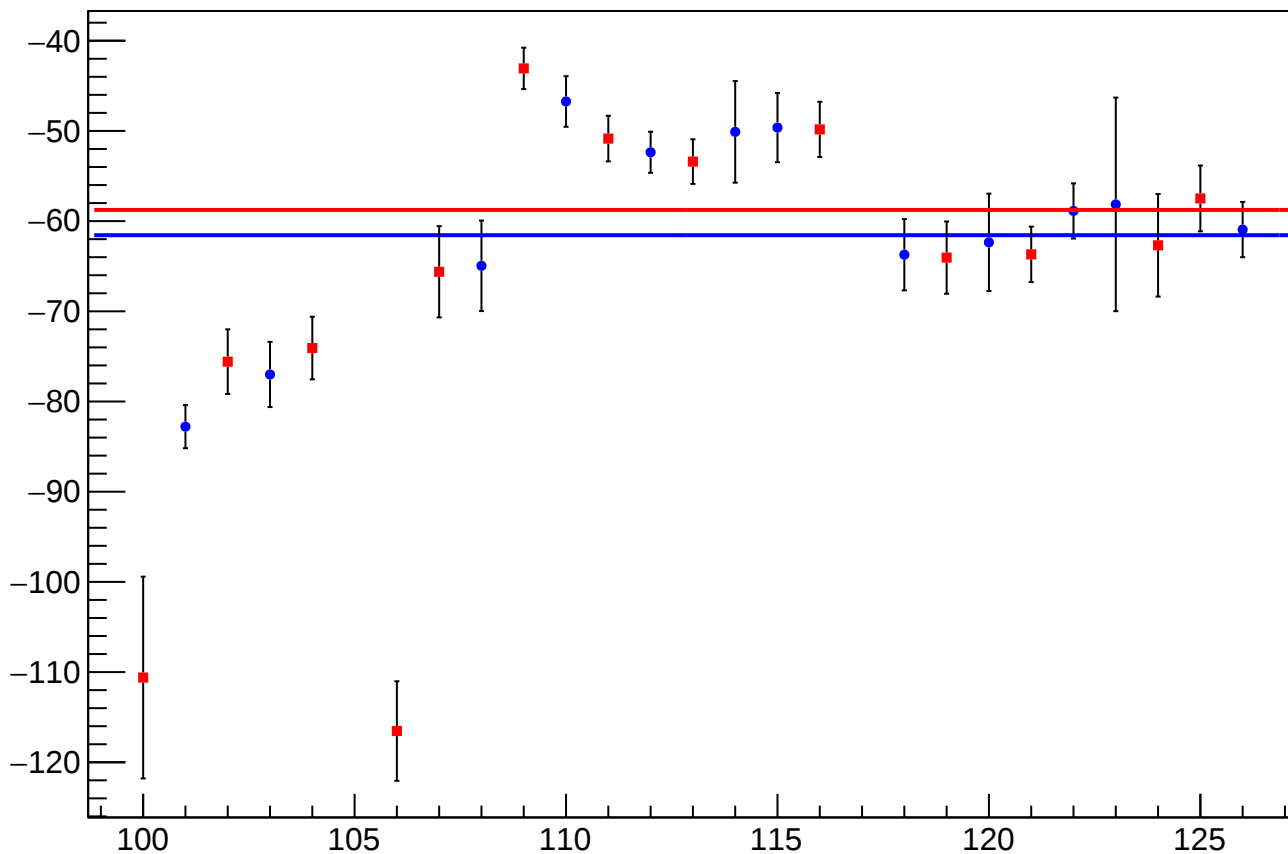
Right: 0.285+/-0.008 χ^2/NDF : 2979.9/24

In: 0.393+/-0.013 χ^2/NDF : 122.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.285+/-0.008 χ^2/NDF : 2979.9/24

reg_asym_sam_24_68_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -61.560 $\pm$ 0.986 χ^2 /NDF: 156.9/11

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

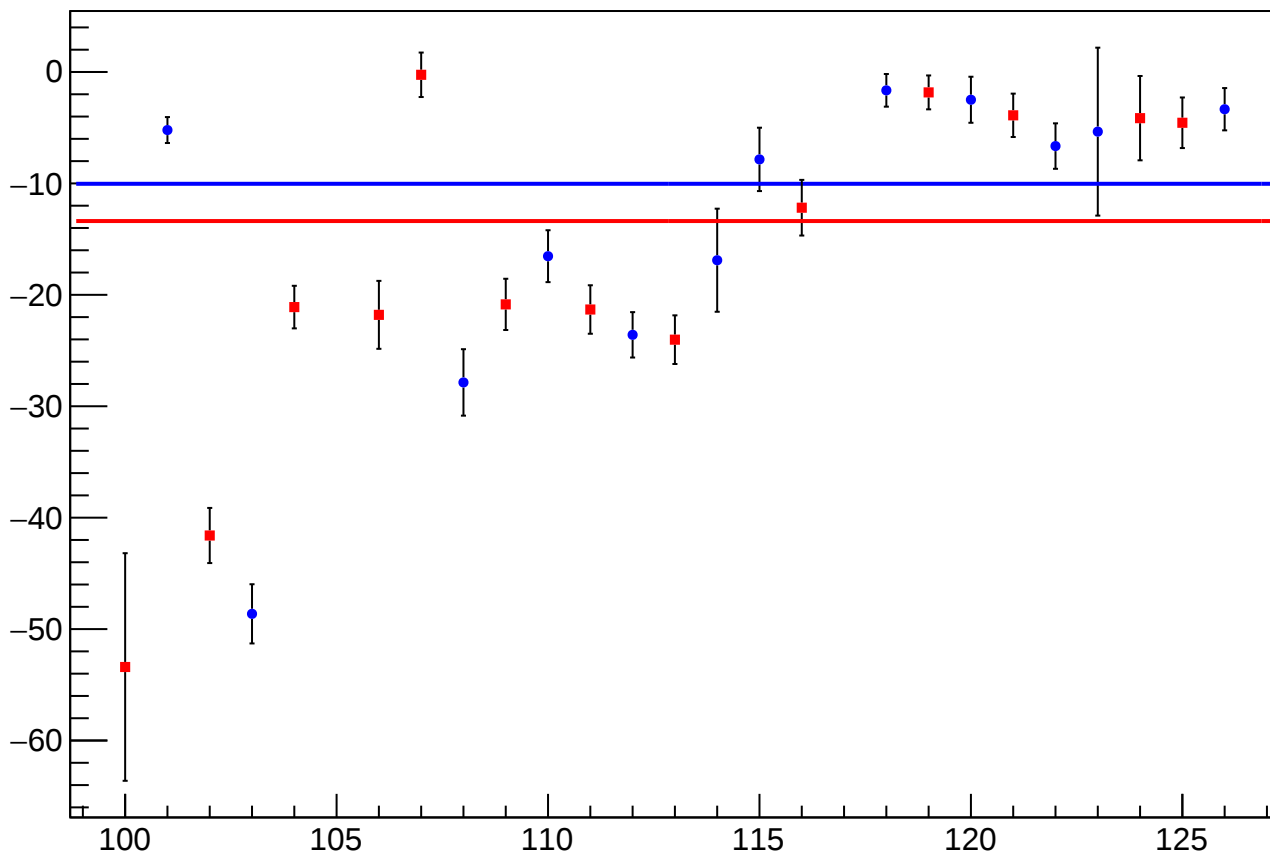
Right: -60.094 $\pm$ 0.680 χ^2 /NDF: 410.0/24

In: -61.560 $\pm$ 0.986 χ^2 /NDF:156.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -60.094 $\pm$ 0.680 χ^2 /NDF: 410.0/24

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -10.034 $\pm$ 0.595 χ^2 /NDF: 380.5/11

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

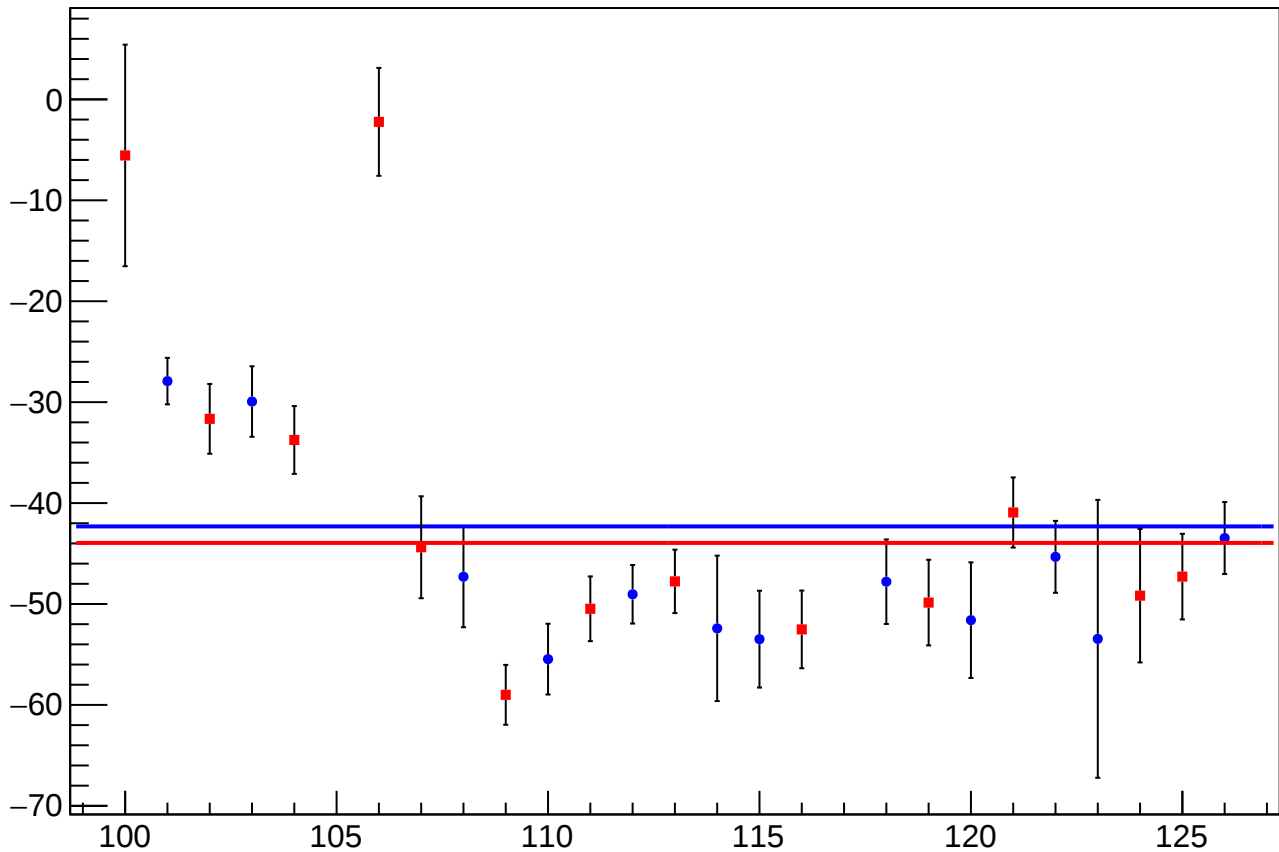
Right: -11.616 $\pm$ 0.432 χ^2 /NDF: 758.4/24

In: -10.034 $\pm$ 0.595 χ^2 /NDF:380.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.616 $\pm$ 0.432 χ^2 /NDF: 758.4/24

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -42.313+/-1.102 χ^2/NDF : 85.3/11

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

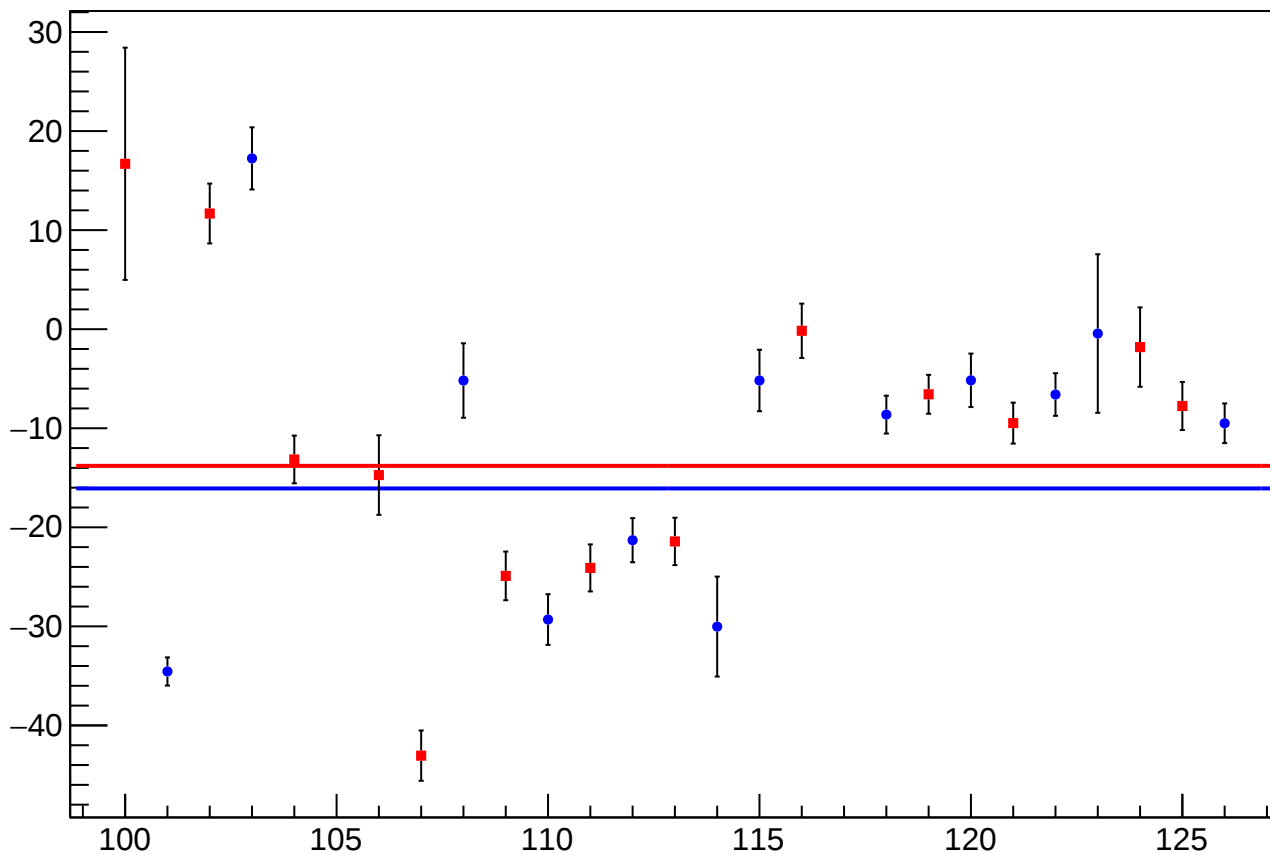
Right: -43.143+/-0.773 χ^2/NDF : 221.6/24

In: -42.313+/-1.102 χ^2/NDF : 85.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.143+/-0.773 χ^2/NDF : 221.6/24

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.077 $\pm$ 0.697 χ^2 /NDF: 407.9/11

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

Right Out: -13.797 $\pm$ 0.729 χ^2 /NDF: 318.0/12

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

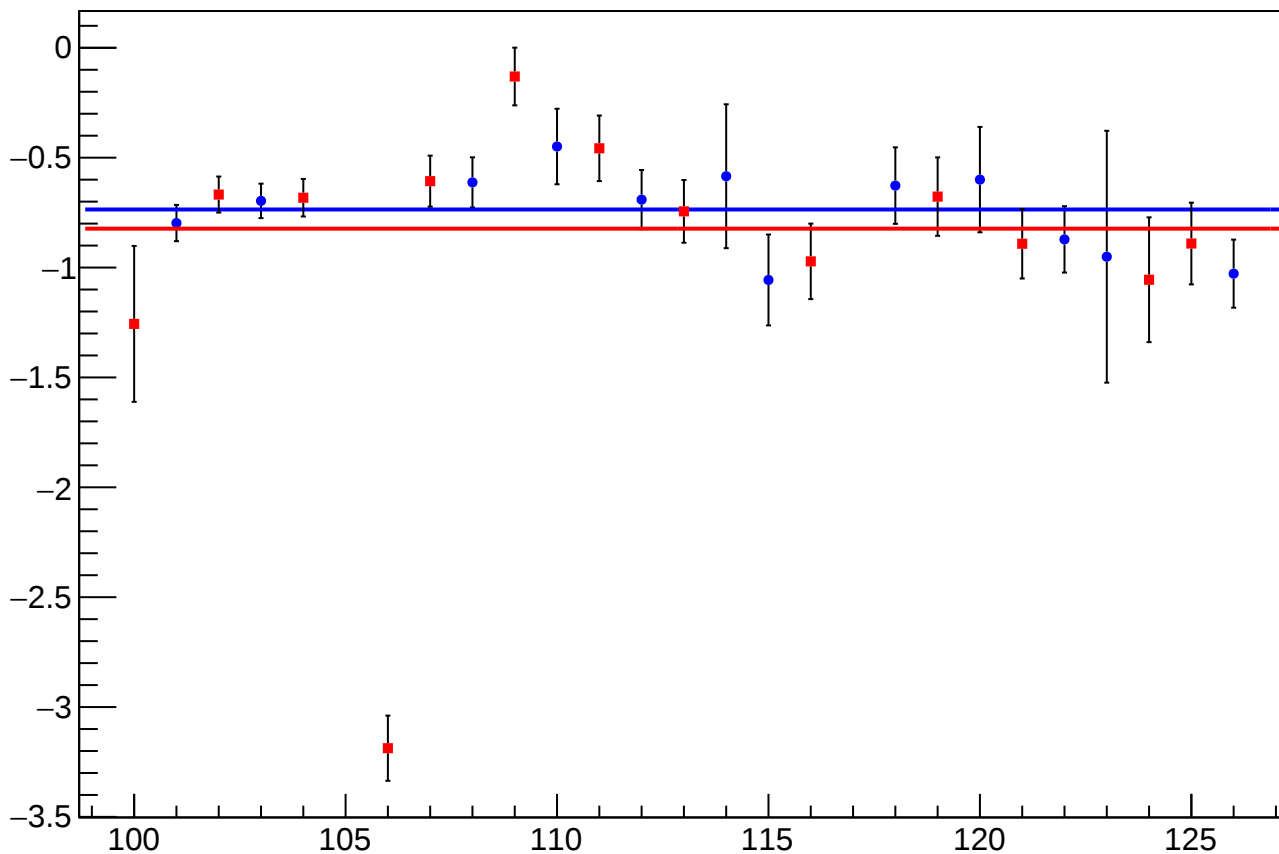
Right: -14.988 $\pm$ 0.504 χ^2 /NDF: 731.0/24

In: -16.077 $\pm$ 0.697 χ^2 /NDF:407.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -14.988 $\pm$ 0.504 χ^2 /NDF: 731.0/24

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.736 ± 0.039 χ^2/NDF : 12.7/11

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

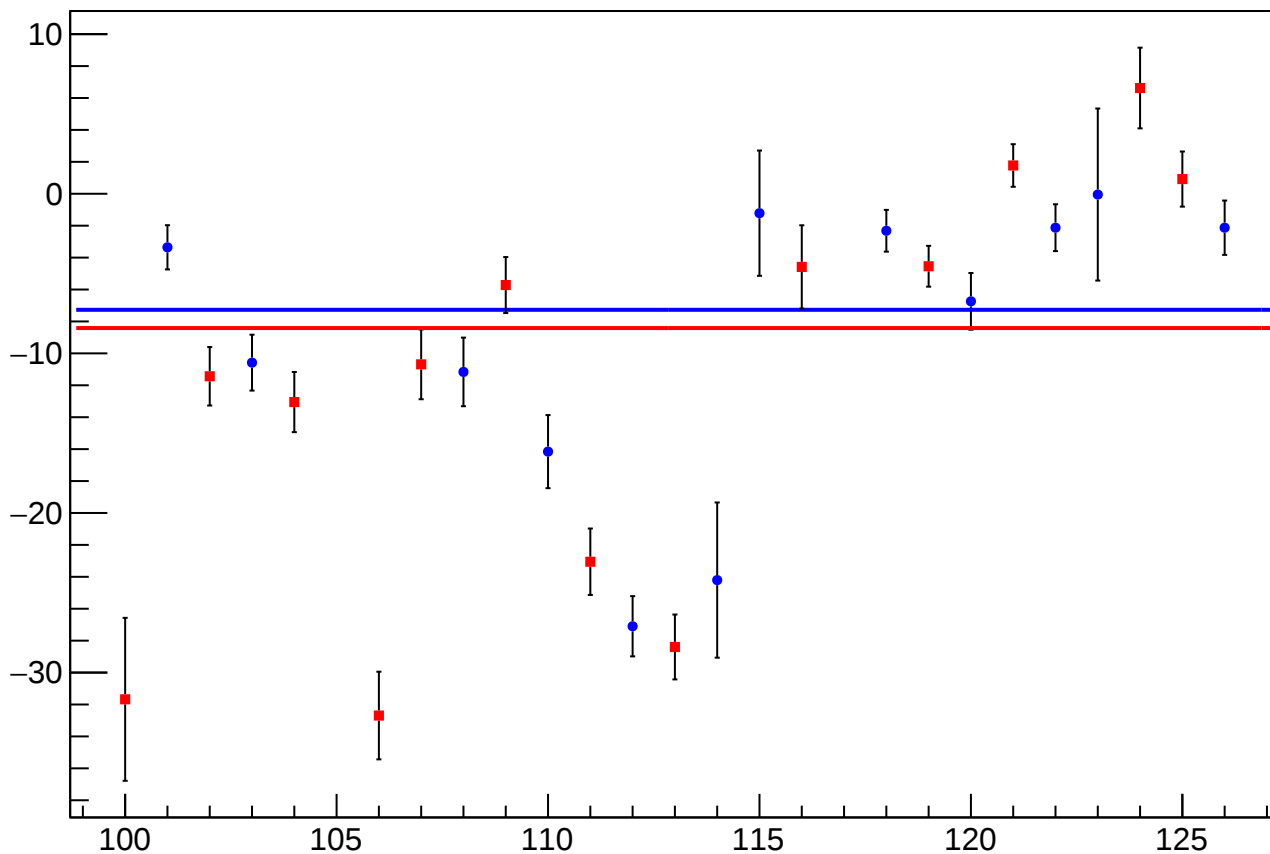
Right: -0.781 ± 0.027 χ^2/NDF : 317.1/24

In: -0.736 ± 0.039 χ^2/NDF : 12.7/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.781 ± 0.027 χ^2/NDF : 317.1/24

reg_asym_sam_26_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -7.270+/-0.543 χ^2/NDF : 192.4/11

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

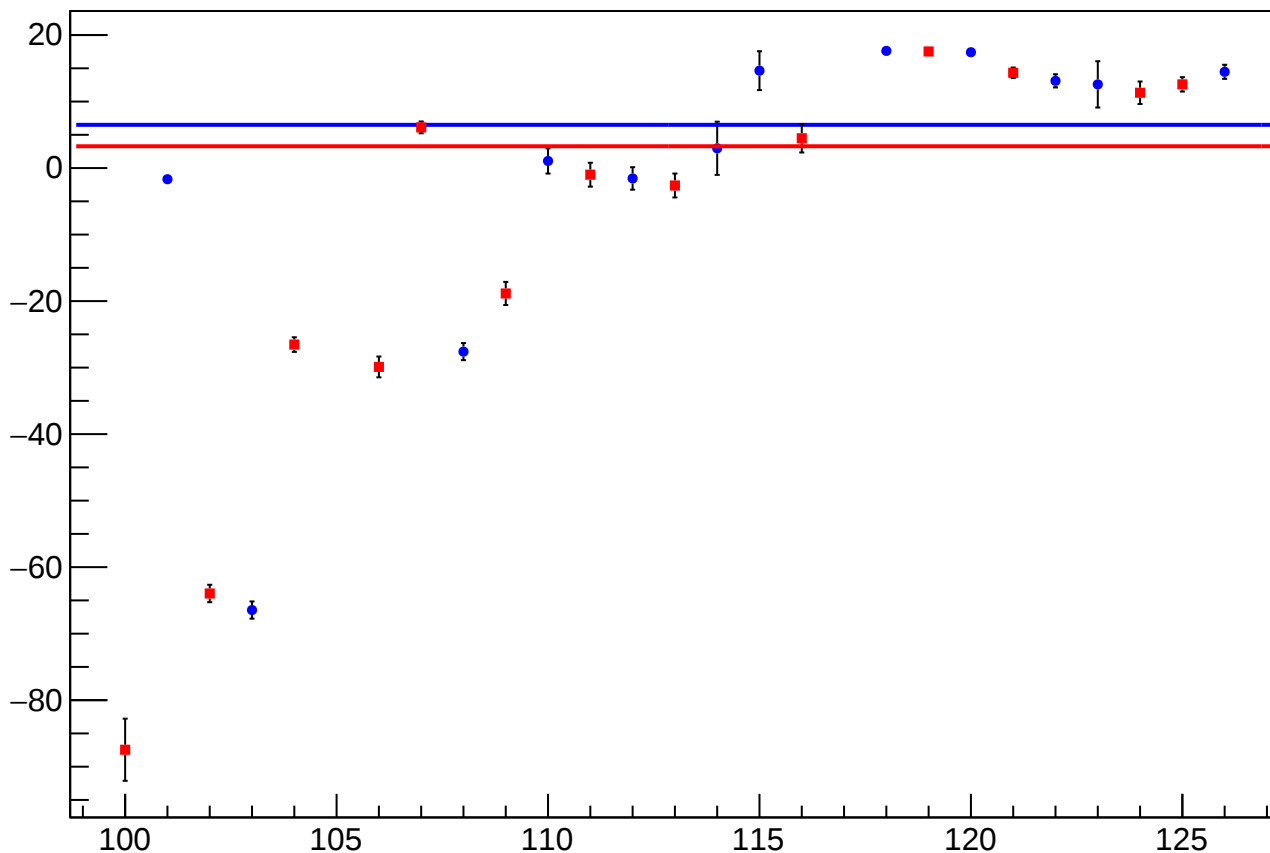
Right: -7.858+/-0.379 χ^2/NDF : 586.3/24

In: -7.270+/-0.543 χ^2/NDF : 192.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.858+/-0.379 χ^2/NDF : 586.3/24

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.500+/-0.283 χ^2/NDF : 4951.8/11

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

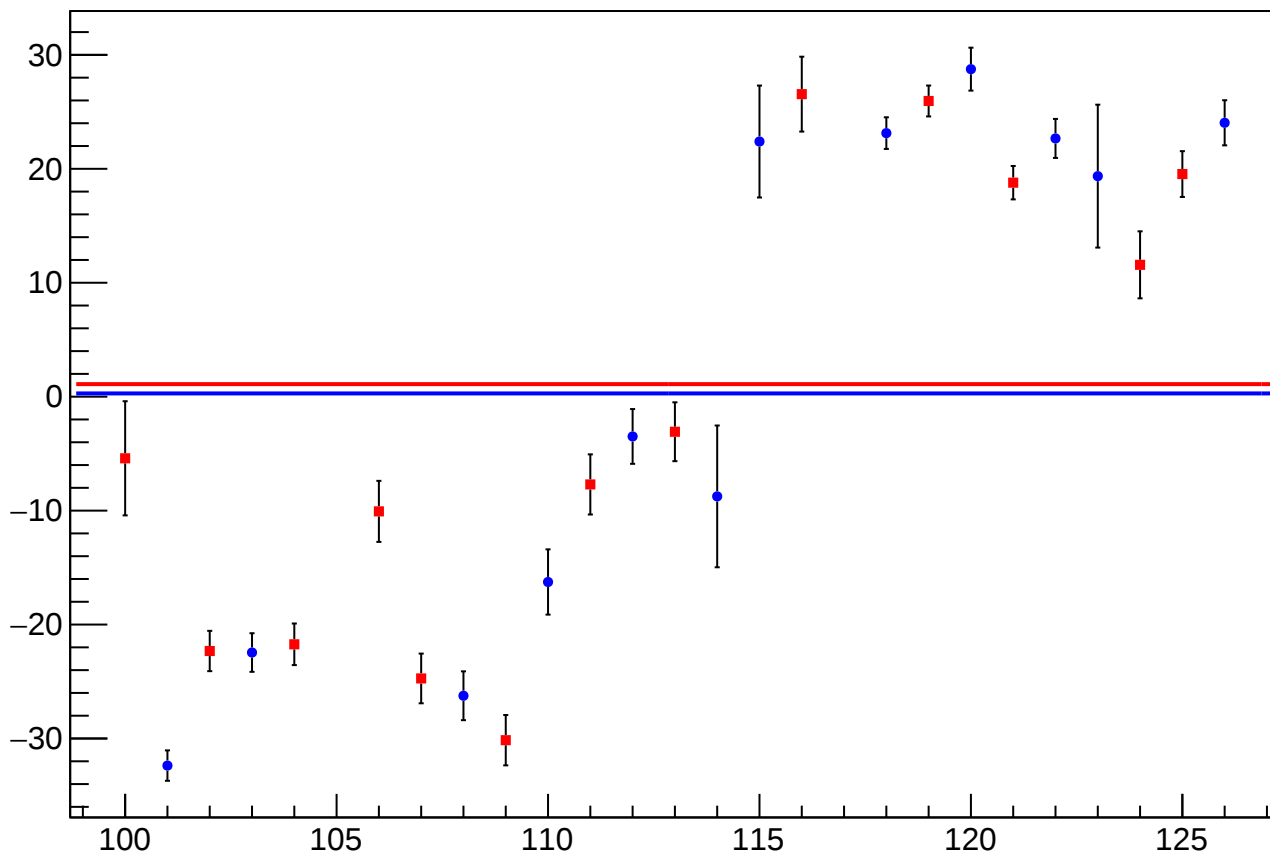
Right: 4.969+/-0.205 χ^2/NDF : 10538.9/24

In: 6.500+/-0.283 χ^2/NDF :4951.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4.969+/-0.205 χ^2/NDF : 10538.9/24

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.286+/-0.586 χ^2/NDF : 1813.4/11

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

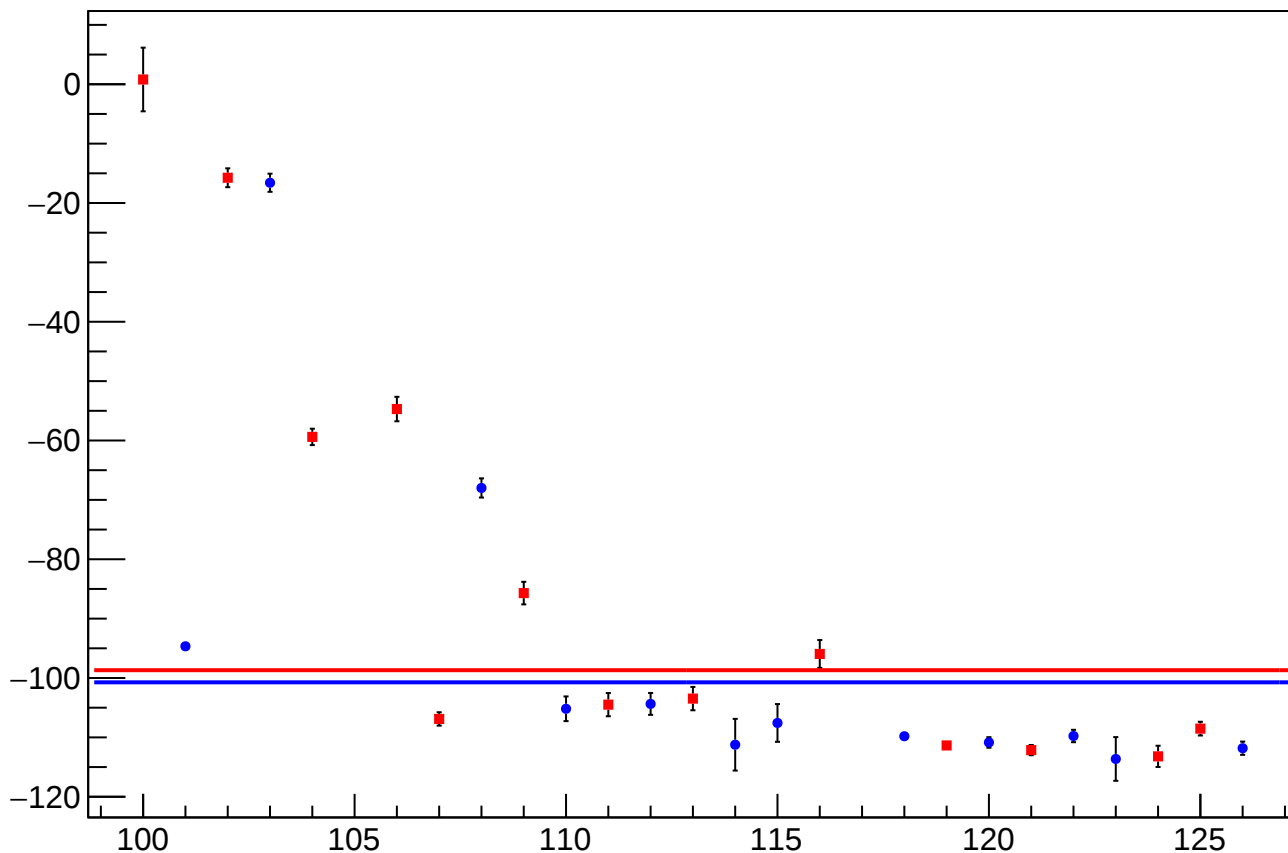
Right: 0.698+/-0.412 χ^2/NDF : 3157.6/24

In: 0.286+/-0.586 χ^2/NDF : 1813.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.698+/-0.412 χ^2/NDF : 3157.6/24

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.729+/-0.344 χ^2/NDF : 4039.1/11

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

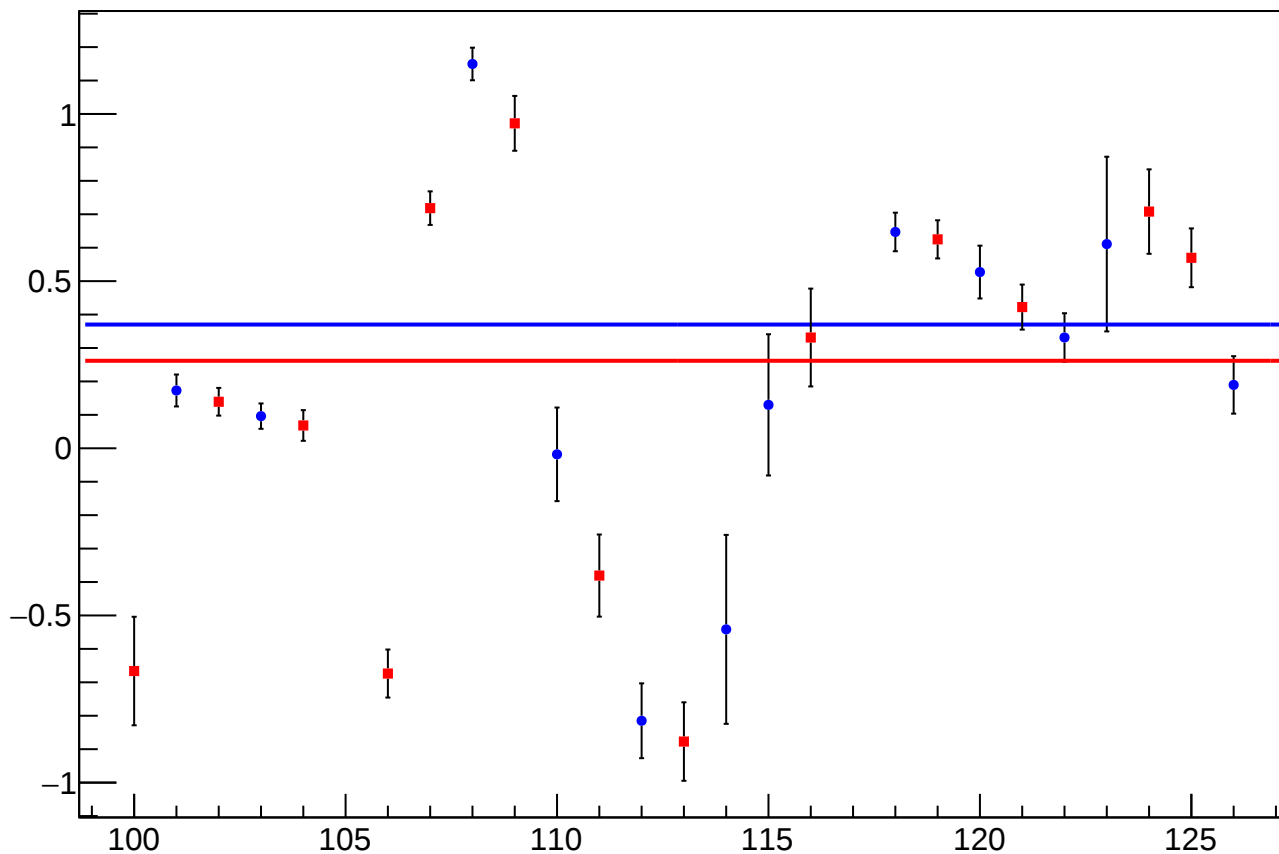
Right: -99.740+/-0.247 χ^2/NDF : 9303.8/24

In: -100.729+/-0.344 χ^2/NDF : 4039.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -99.740+/-0.247 χ^2/NDF : 9303.8/24

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.370 $\pm$ 0.020 χ^2 /NDF: 488.7/11

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

Right Out: 0.262 $\pm$ 0.019 χ^2 /NDF: 579.3/12

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

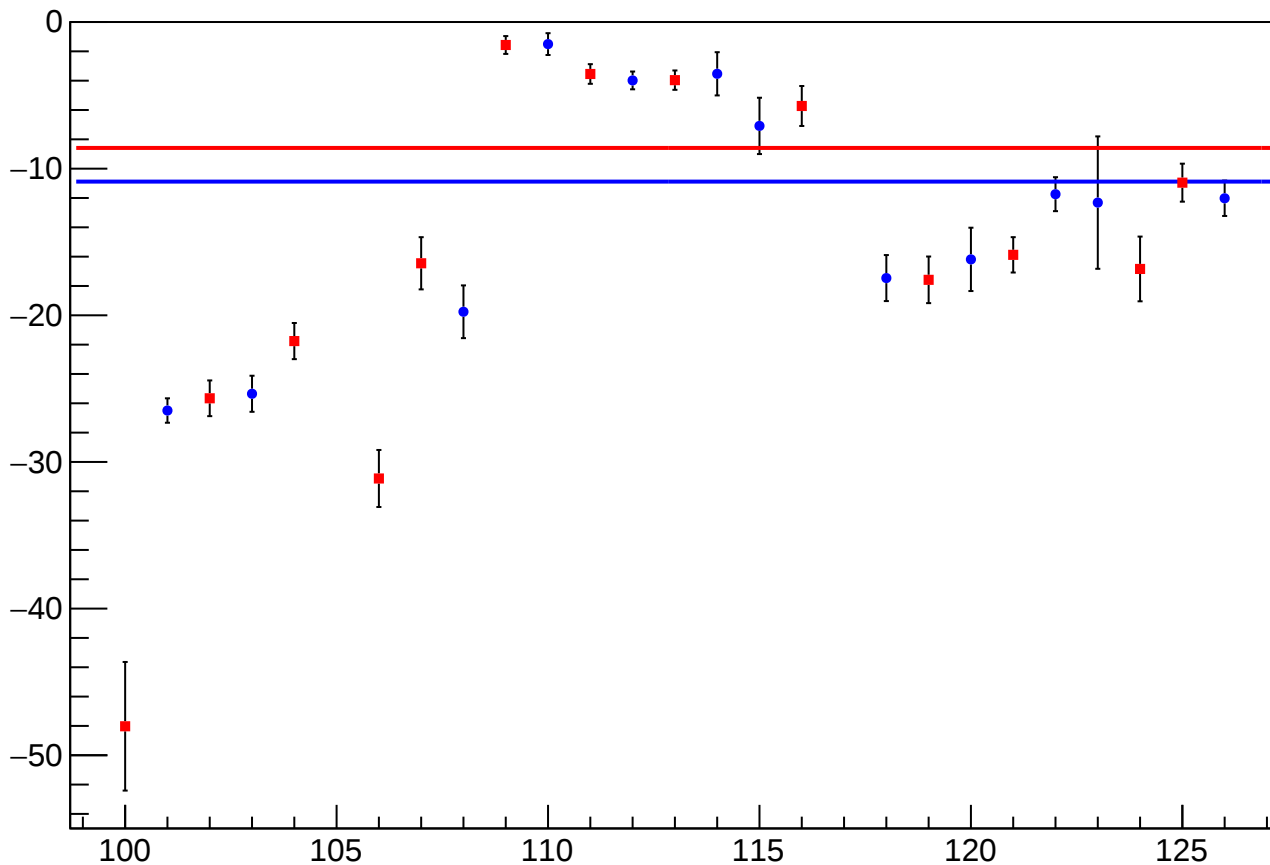
Right: 0.314 $\pm$ 0.014 χ^2 /NDF: 1083.4/24

In: 0.370 $\pm$ 0.020 χ^2 /NDF:488.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.314 $\pm$ 0.014 χ^2 /NDF: 1083.4/24

reg_asym_sam_1357_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -10.882 ± 0.320 χ^2/NDF : 856.1/11

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

Right Out: -8.586 ± 0.293 χ^2/NDF : 874.7/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

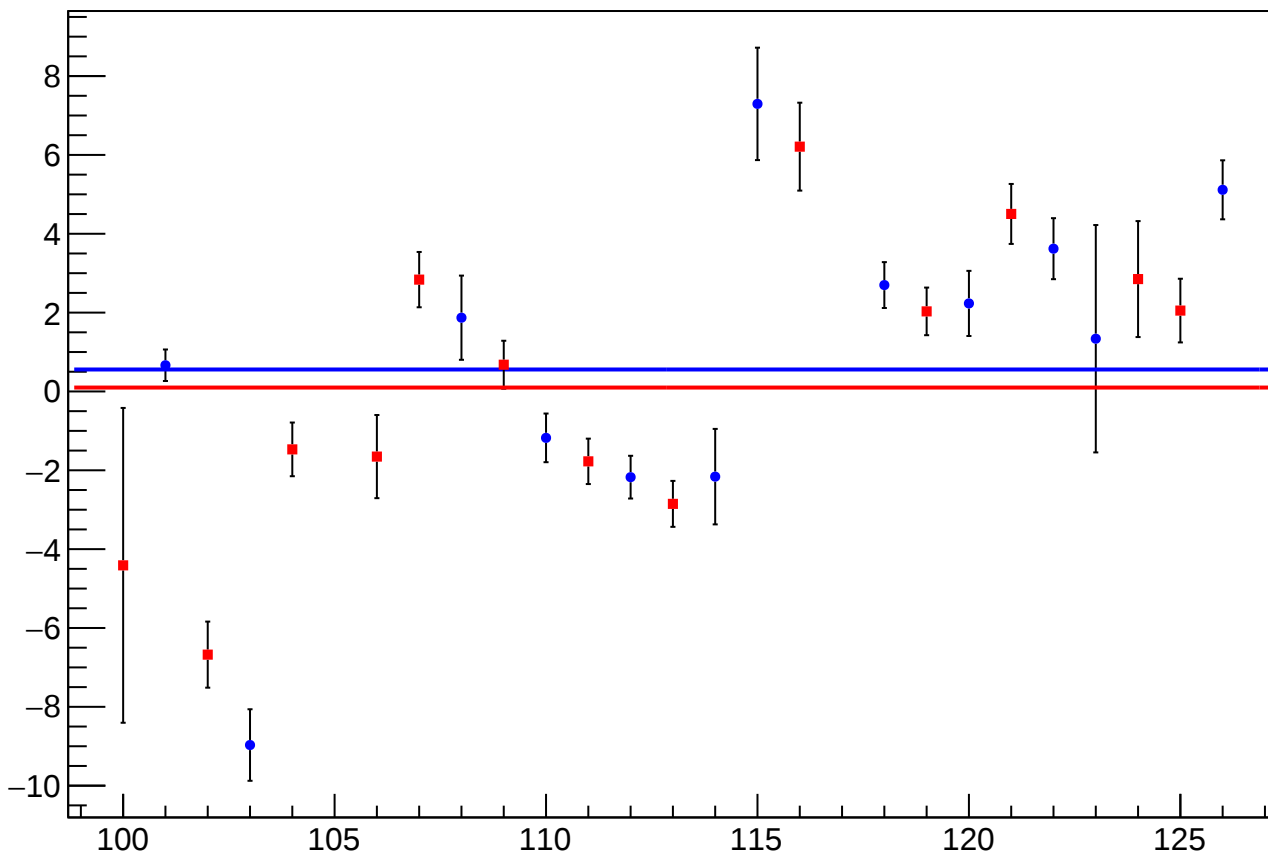
Right: -9.635 ± 0.216 χ^2/NDF : 1758.7/24

In: -10.882 ± 0.320 χ^2/NDF : 856.1/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.635 ± 0.216 χ^2/NDF : 1758.7/24

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.557+/-0.206 χ^2/NDF : 243.0/11

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

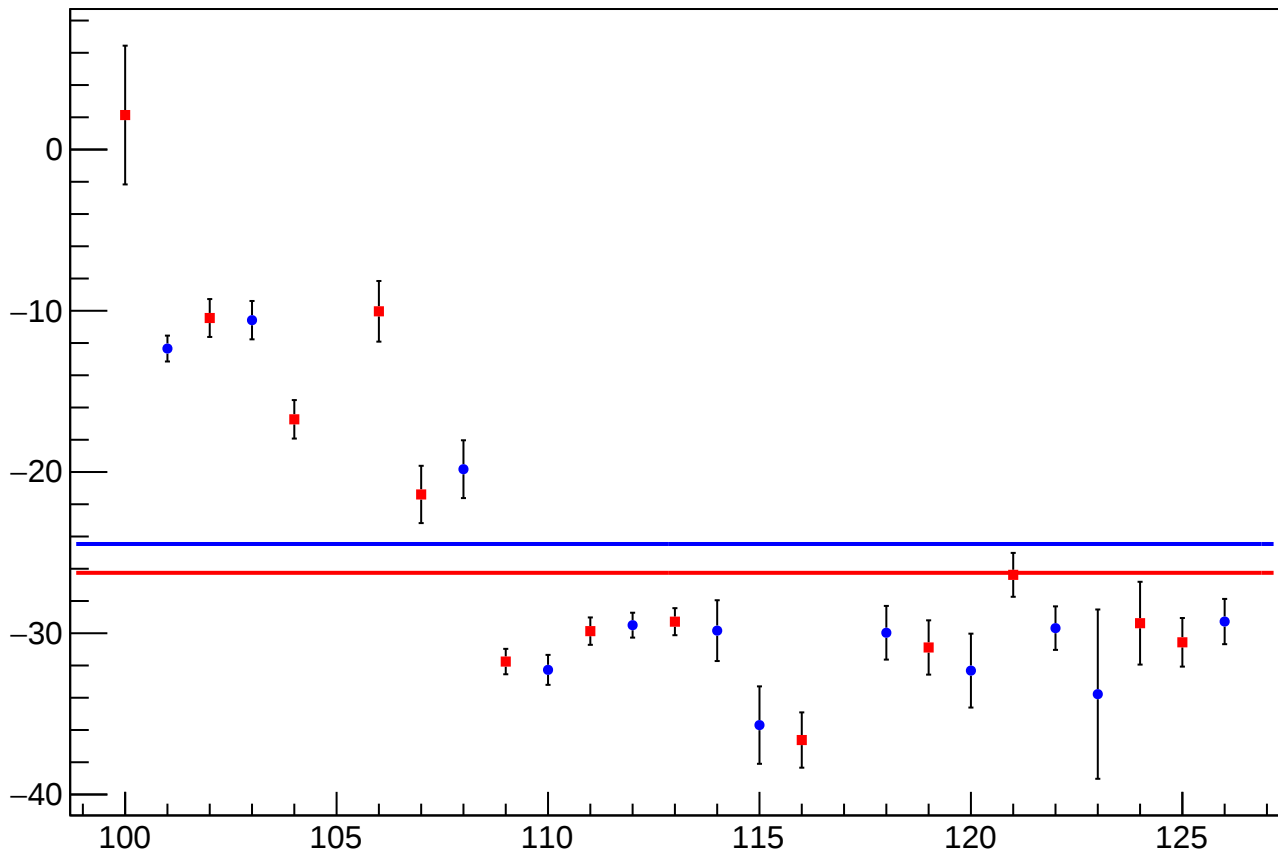
Right: 0.333+/-0.147 χ^2/NDF : 455.5/24

In: 0.557+/-0.206 χ^2/NDF : 243.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.333+/-0.147 χ^2/NDF : 455.5/24

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -24.464 $\pm$ 0.365 χ^2 /NDF: 566.6/11

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

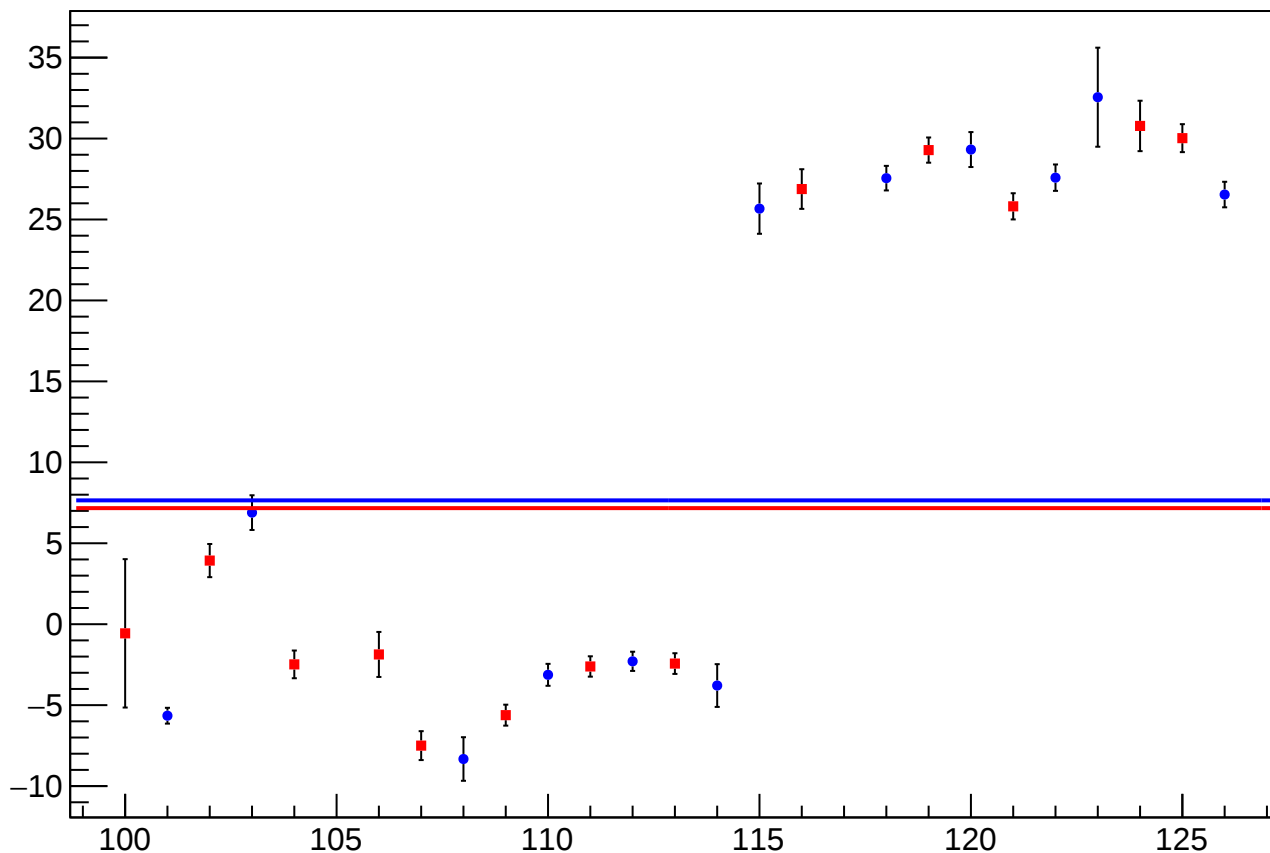
Right: -25.404 $\pm$ 0.251 χ^2 /NDF: 1082.7/24

In: -24.464 $\pm$ 0.365 χ^2 /NDF:566.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -25.404 $\pm$ 0.251 χ^2 /NDF: 1082.7/24

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.649+/-0.239 χ^2/NDF : 3956.1/11

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

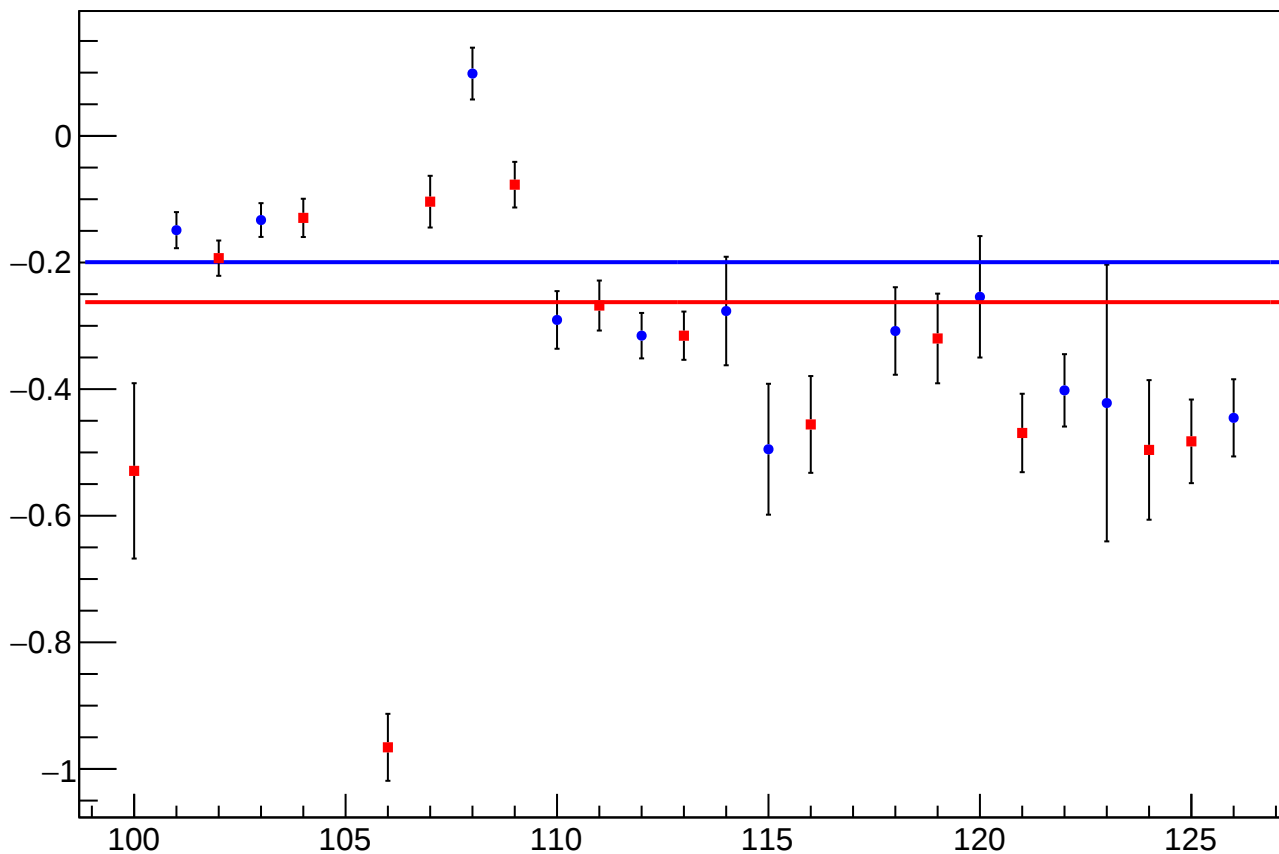
Right: 7.412+/-0.170 χ^2/NDF : 7795.4/24

In: 7.649+/-0.239 χ^2/NDF : 3956.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.412+/-0.170 χ^2/NDF : 7795.4/24

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.199+/-0.013 χ^2/NDF : 118.5/11

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

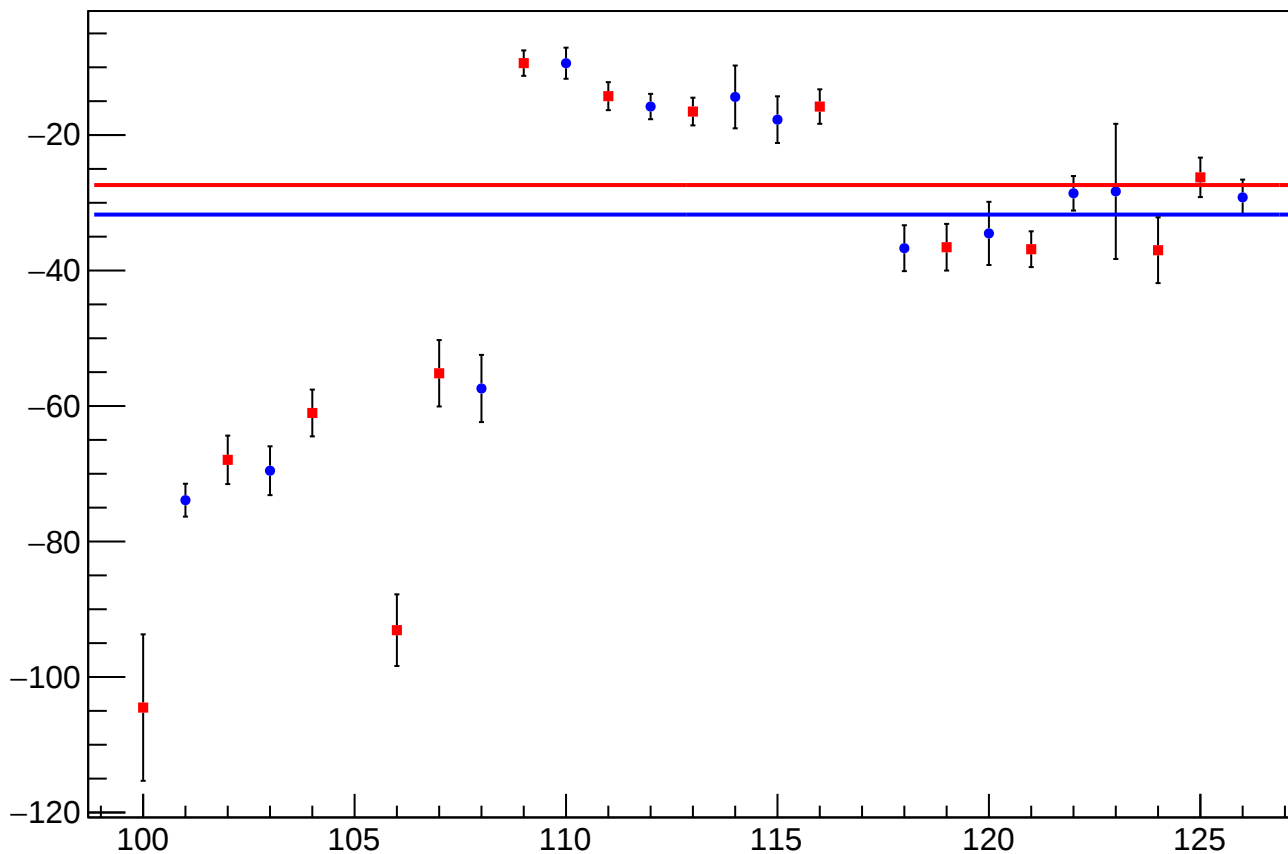
Right: -0.233+/-0.009 χ^2/NDF : 413.8/24

In: -0.199+/-0.013 χ^2/NDF : 118.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.233+/-0.009 χ^2/NDF : 413.8/24

reg_asym_sam_2468_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -31.742 $\pm$ 0.865 χ^2 /NDF: 641.8/11

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

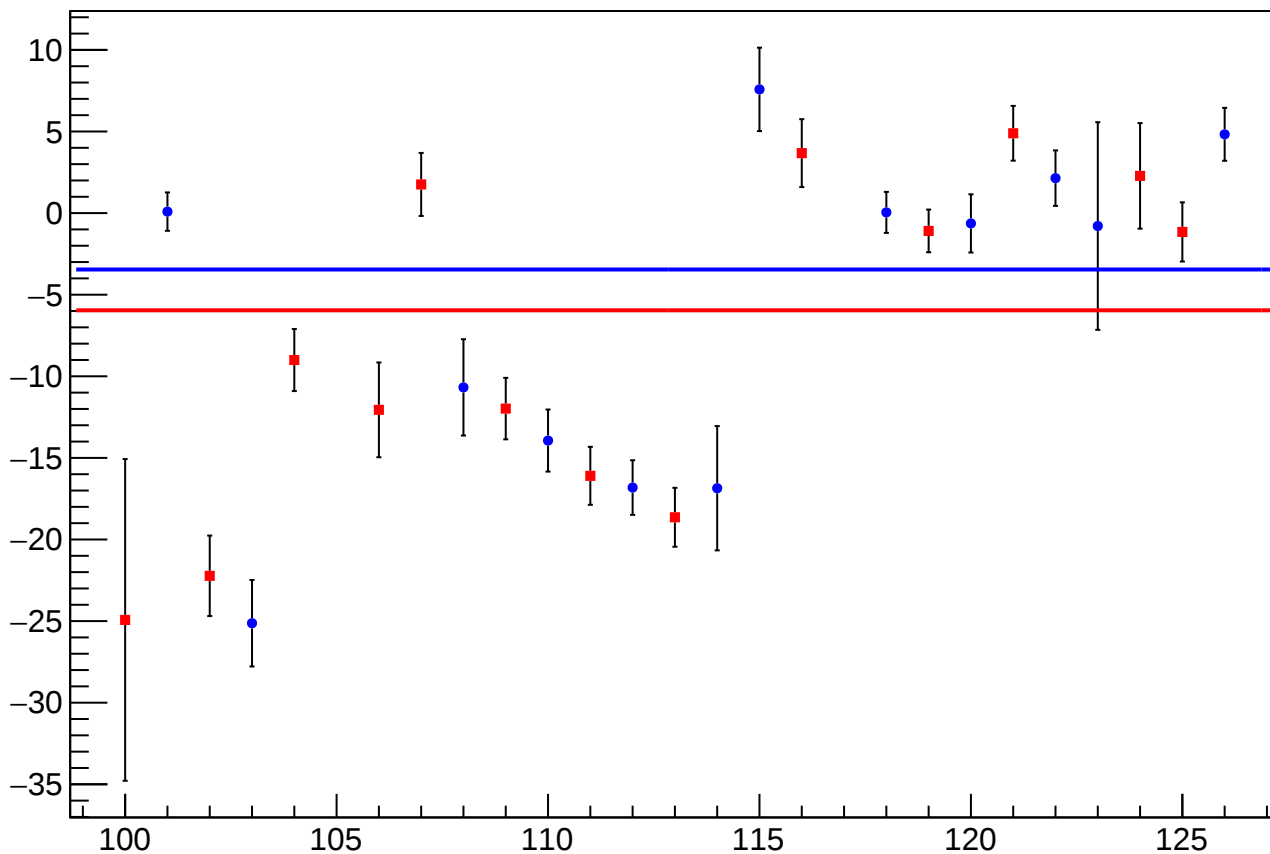
Right: -29.403 $\pm$ 0.589 χ^2 /NDF: 1321.4/24

In: -31.742 $\pm$ 0.865 χ^2 /NDF:641.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -29.403 $\pm$ 0.589 χ^2 /NDF: 1321.4/24

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.455+/-0.532 χ^2/NDF : 254.5/11

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

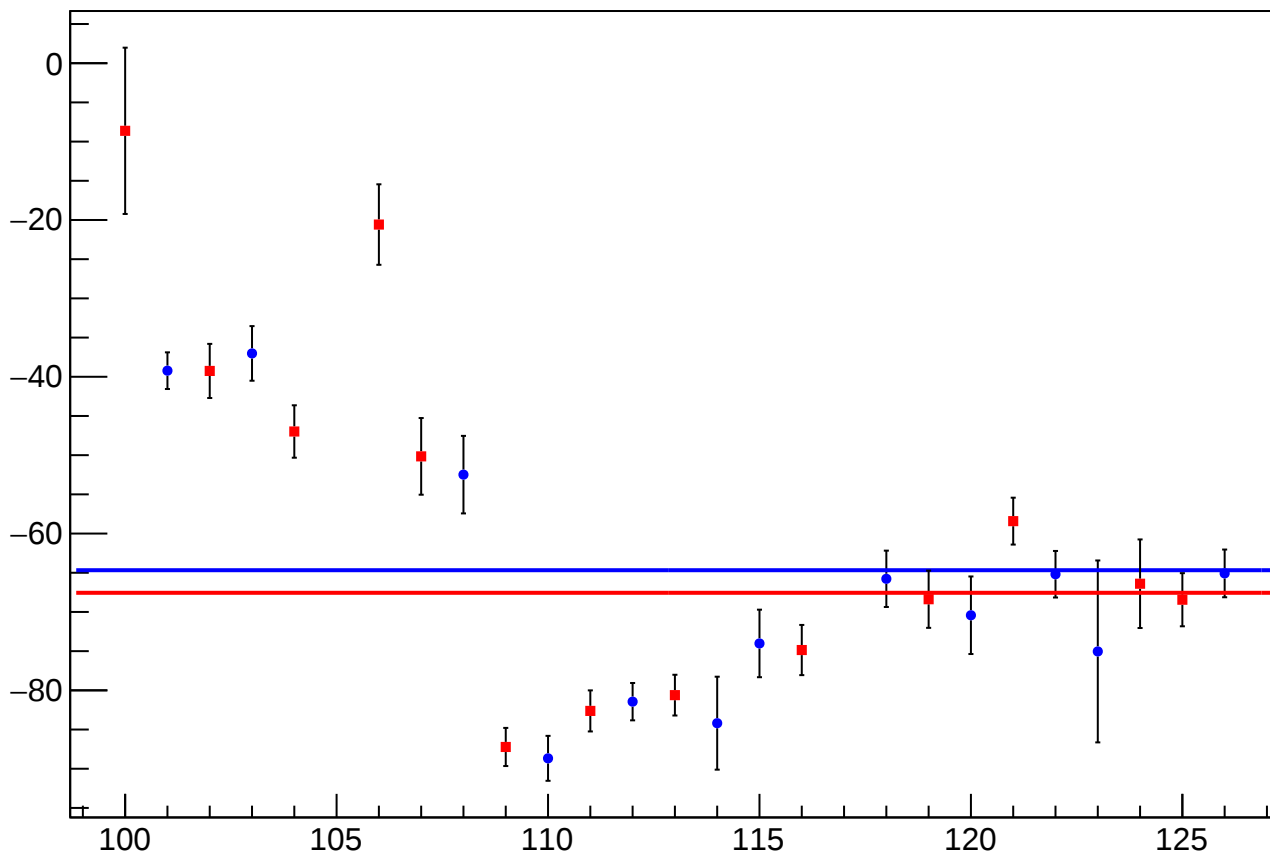
Right: -4.666+/-0.382 χ^2/NDF : 518.1/24

In: -3.455+/-0.532 χ^2/NDF : 254.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.666+/-0.382 χ^2/NDF : 518.1/24

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -64.676+/-0.984 χ^2/NDF : 325.0/11

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

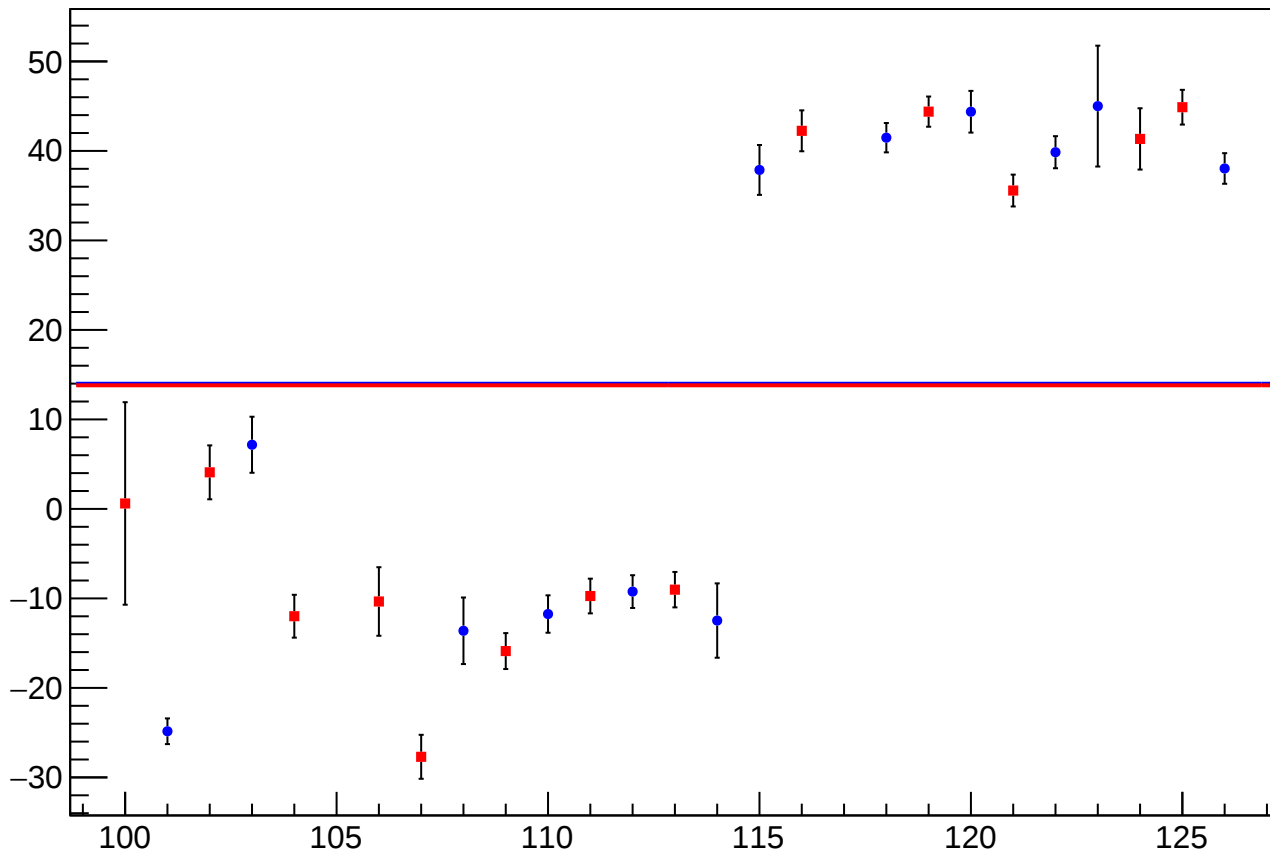
Right: -66.179+/-0.680 χ^2/NDF : 700.2/24

In: -64.676+/-0.984 χ^2/NDF : 325.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -66.179+/-0.680 χ^2/NDF : 700.2/24

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.984+/-0.620 χ^2/NDF : 2096.6/11

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

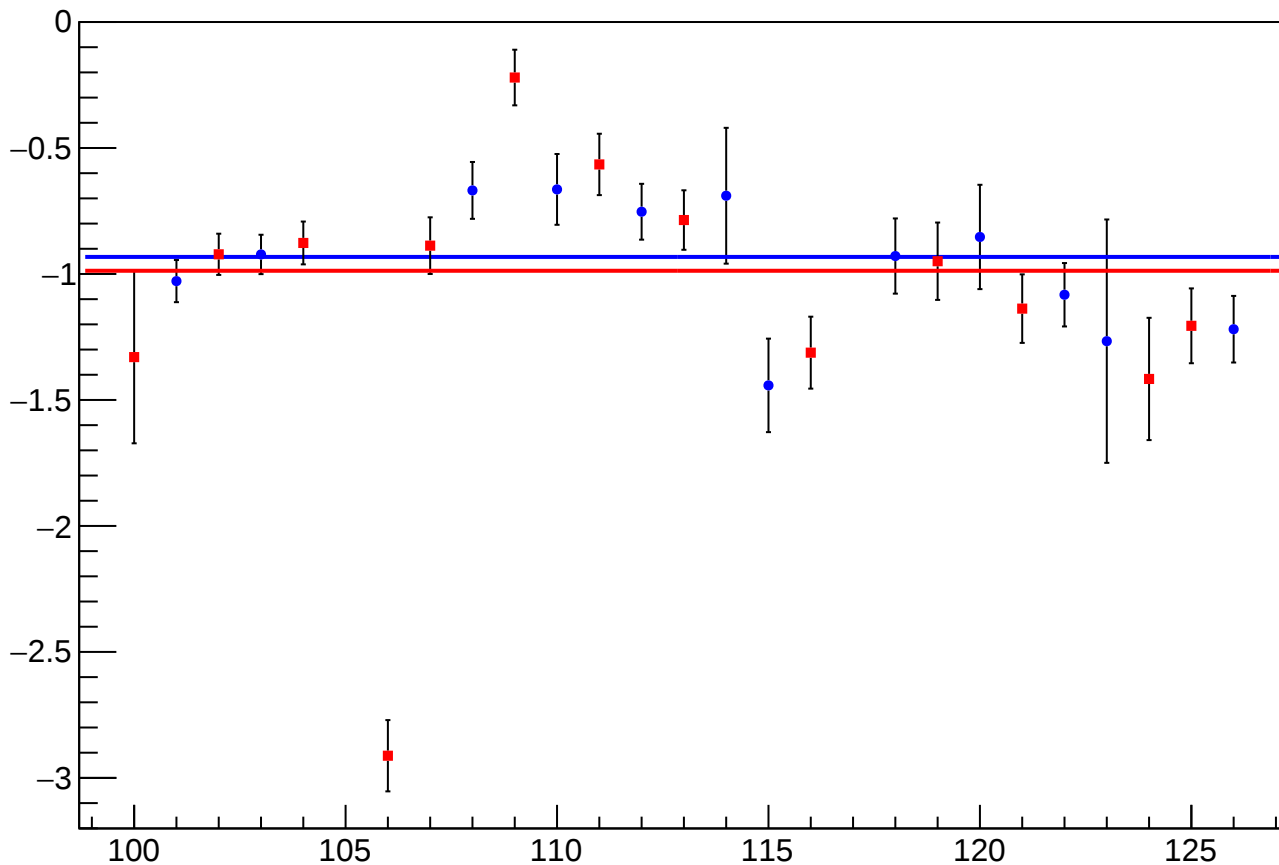
Right: 13.900+/-0.442 χ^2/NDF : 4003.1/24

In: 13.984+/-0.620 χ^2/NDF : 2096.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.900+/-0.442 χ^2/NDF : 4003.1/24

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.932+/-0.036 χ^2/NDF : 28.2/11

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

Right Out: -0.987+/-0.034 χ^2/NDF : 264.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

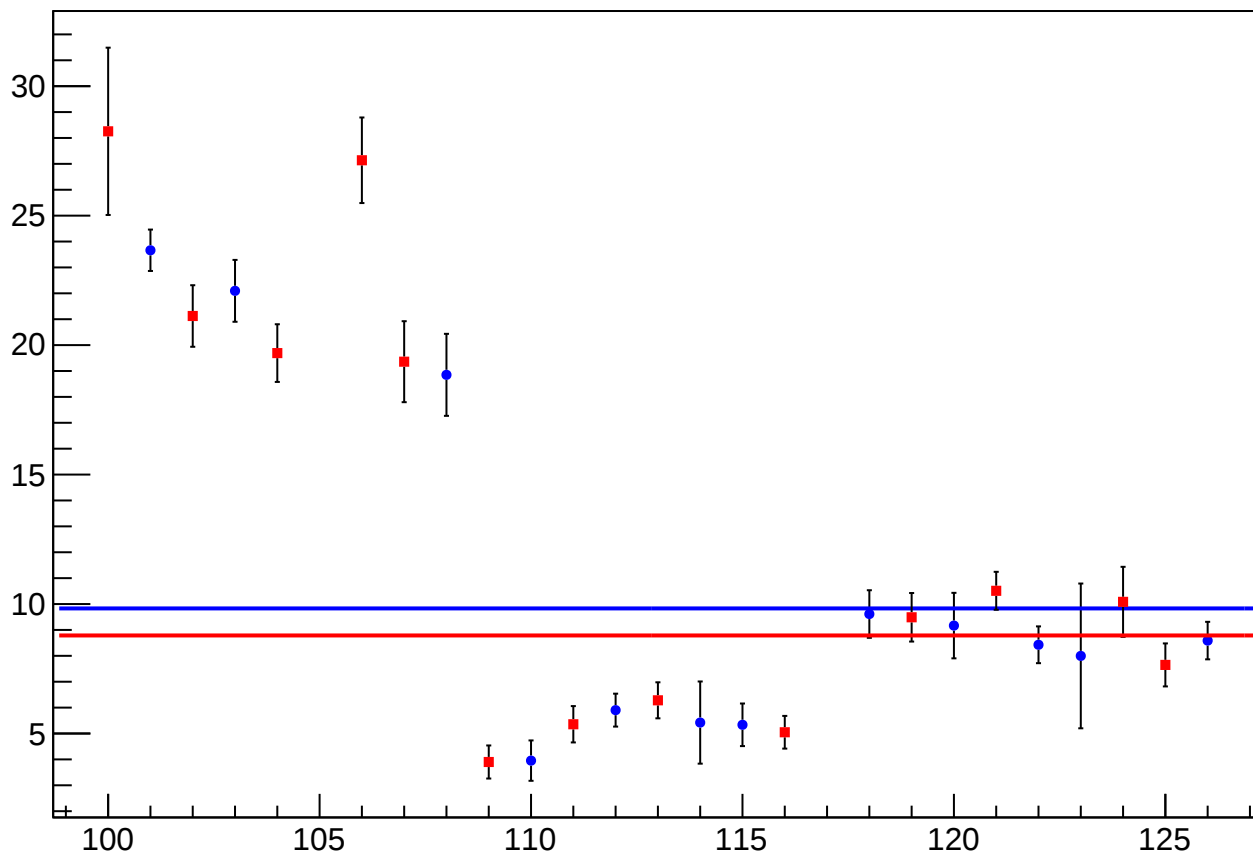
Right: -0.962+/-0.025 χ^2/NDF : 293.6/24

In: -0.932+/-0.036 χ^2/NDF : 28.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.962+/-0.025 χ^2/NDF : 293.6/24

reg_asym_sam_1357_2468_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 9.831+/-0.263 χ^2/NDF : 577.4/11

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

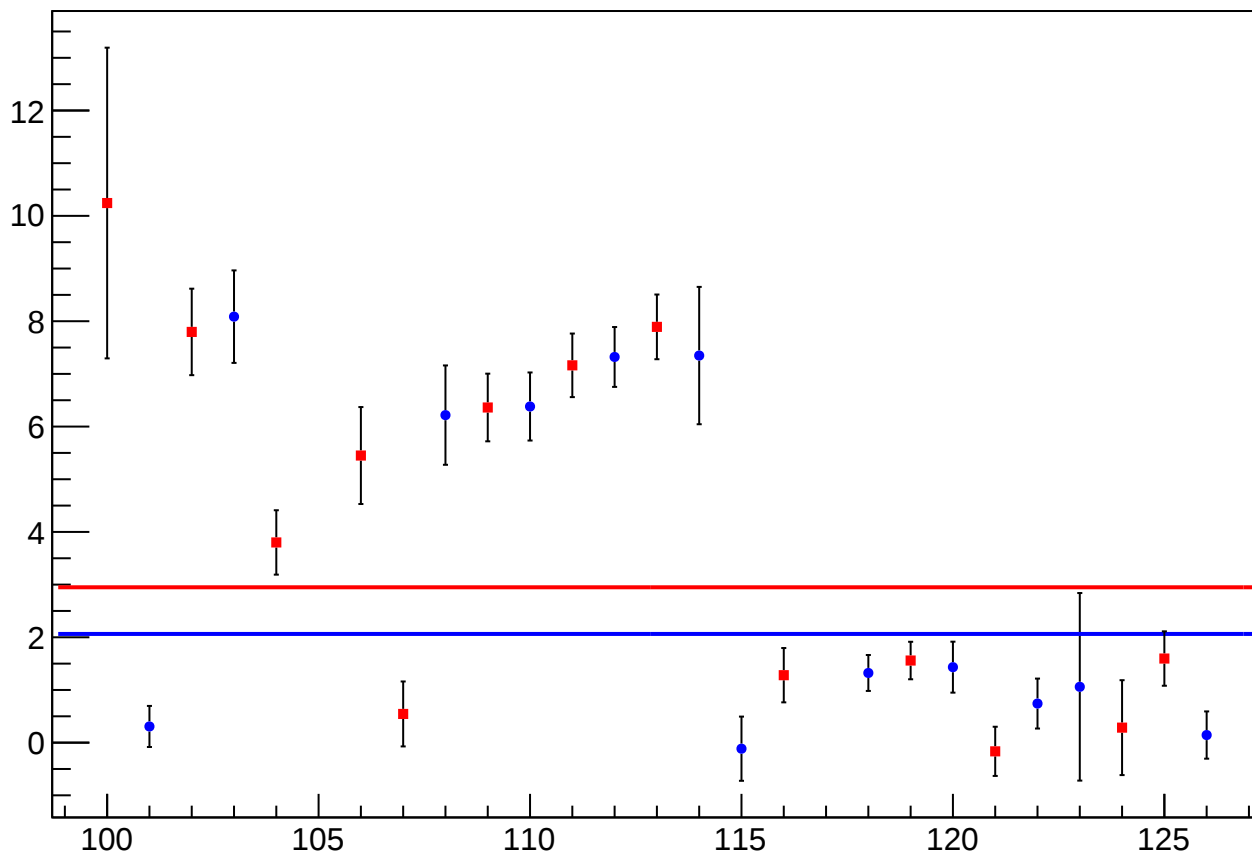
Right: 9.276+/-0.180 χ^2/NDF : 1134.2/24

In: 9.831+/-0.263 χ^2/NDF : 577.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.276+/-0.180 χ^2/NDF : 1134.2/24

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.063+/-0.157 χ^2/NDF : 279.1/11

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

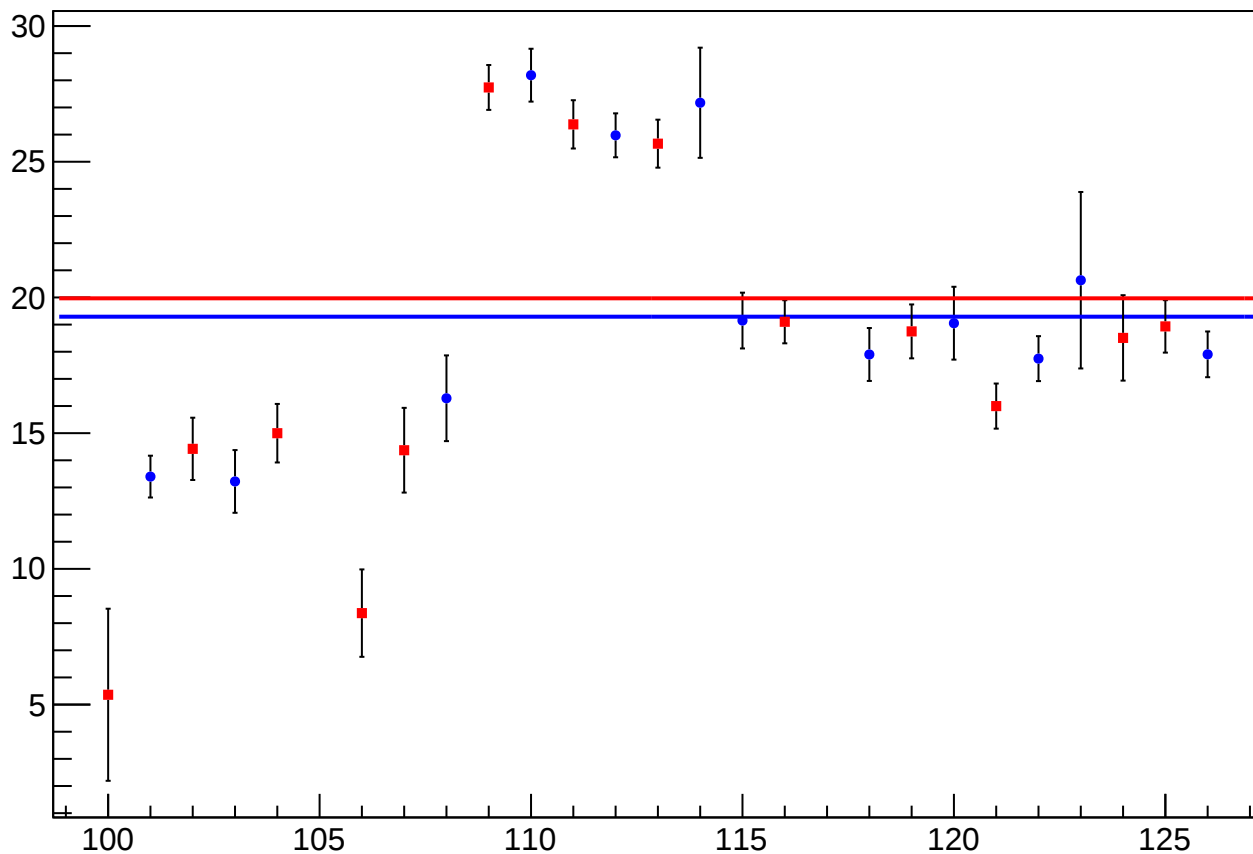
Right: 2.488+/-0.114 χ^2/NDF : 587.4/24

In: 2.063+/-0.157 χ^2/NDF : 279.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.488+/-0.114 χ^2/NDF : 587.4/24

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 19.291+/-0.299 χ^2 /NDF: 264.9/11

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

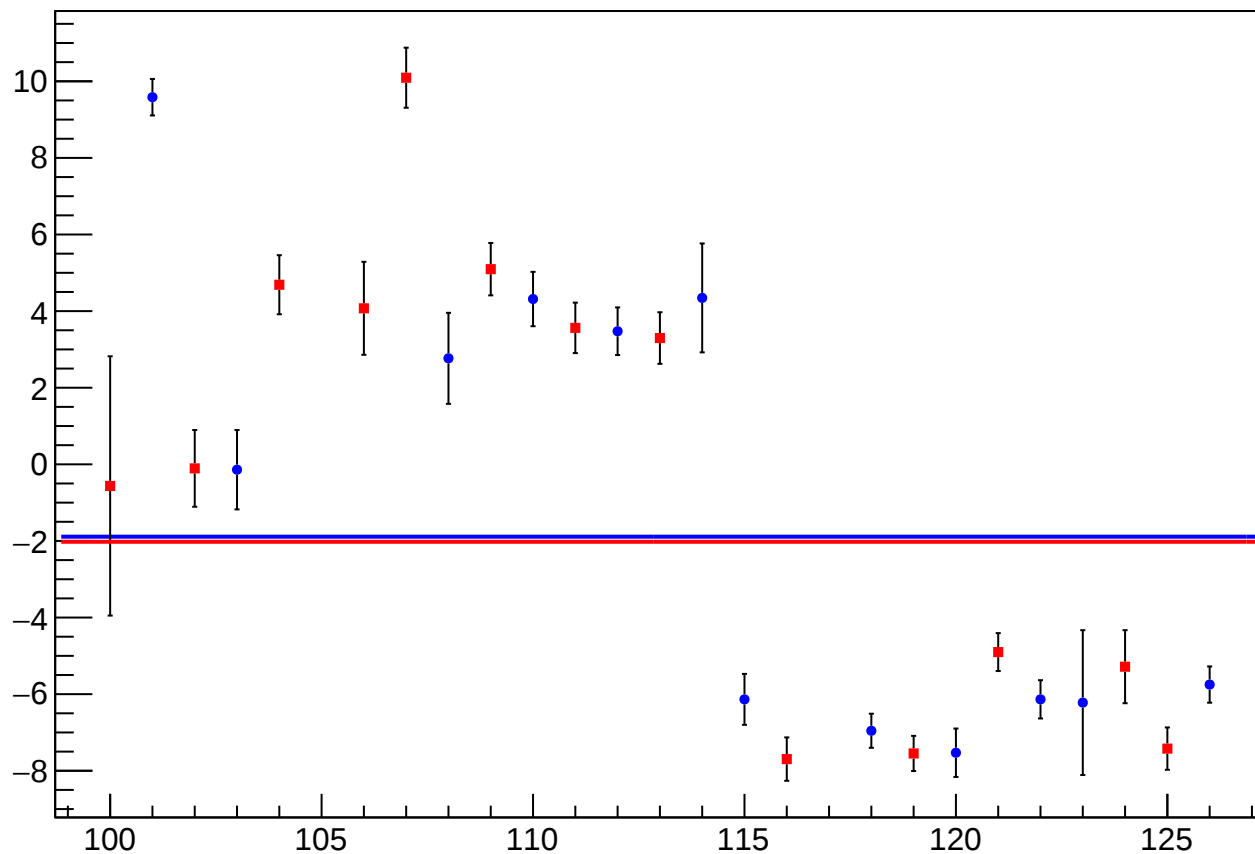
Right: 19.642+/-0.208 χ^2 /NDF: 607.5/24

In: 19.291+/-0.299 χ^2 /NDF:264.9/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 19.642+/-0.208 χ^2 /NDF: 607.5/24

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.889+/-0.184 χ^2 /NDF: 1163.3/11

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

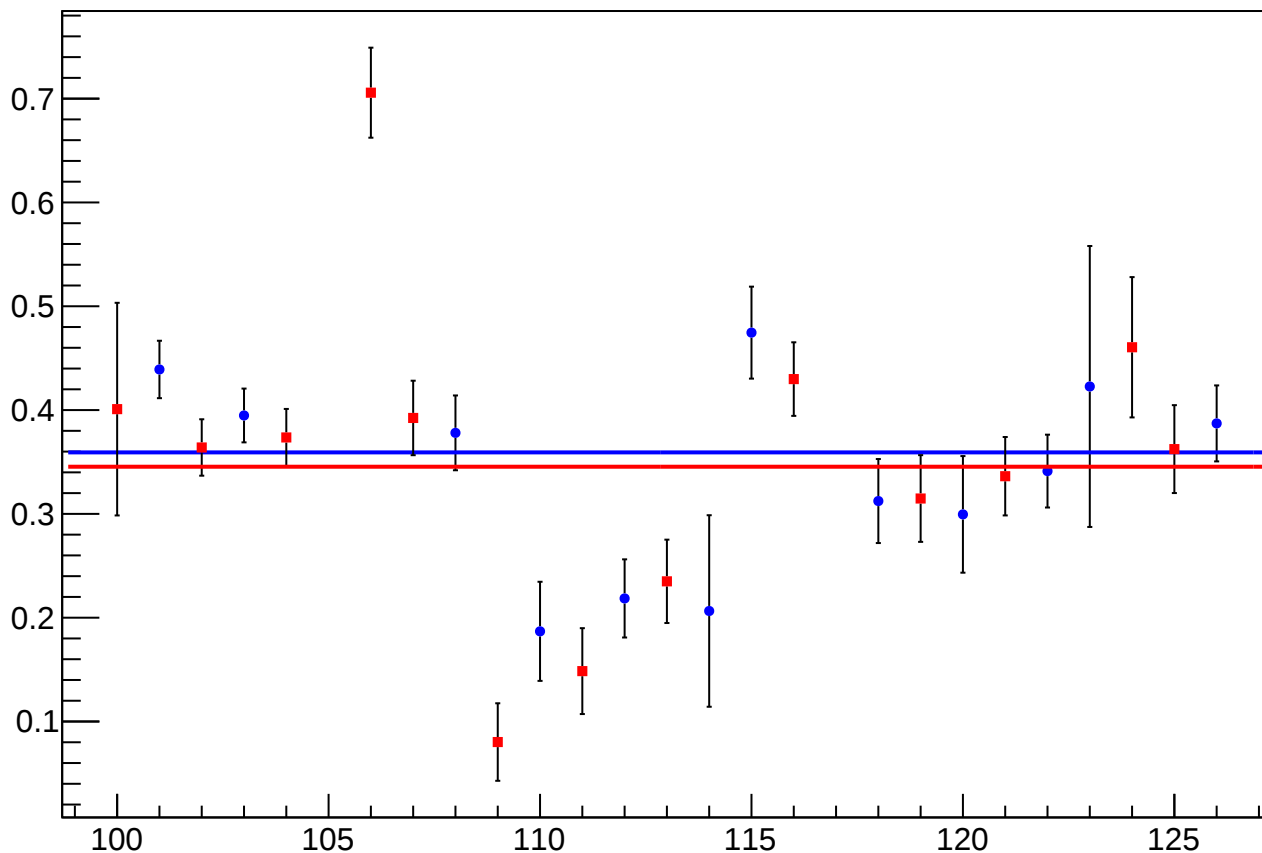
Right: -1.953+/-0.132 χ^2 /NDF: 2135.8/24

In: -1.889+/-0.184 χ^2 /NDF:1163.3/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1.953+/-0.132 χ^2 /NDF: 2135.8/24

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.359 $\pm$ 0.011 χ^2 /NDF: 50.6/11

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

Right Out: 0.345 $\pm$ 0.011 χ^2 /NDF: 162.6/12

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

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

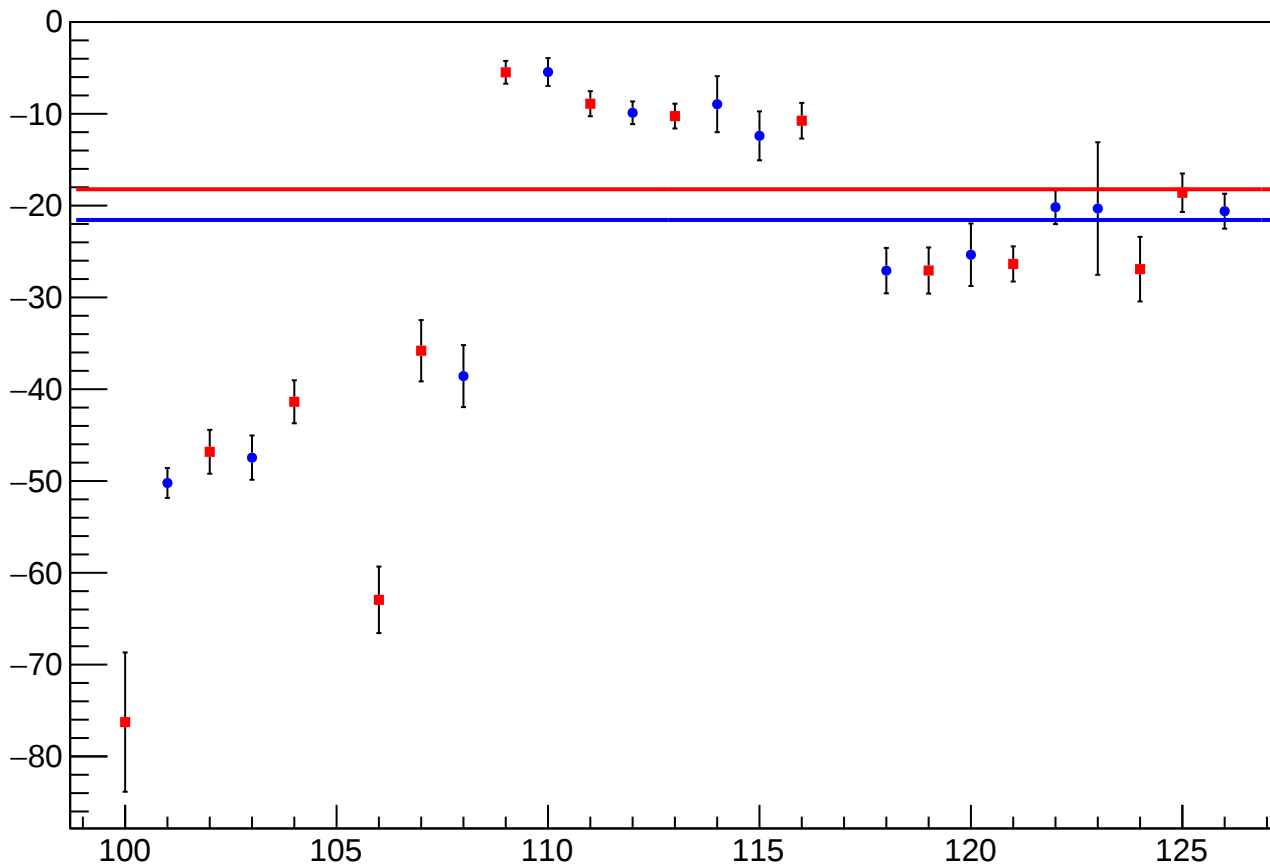
Right: 0.352 $\pm$ 0.008 χ^2 /NDF: 213.9/24

In: 0.359 $\pm$ 0.011 χ^2 /NDF:50.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.352 $\pm$ 0.008 χ^2 /NDF: 213.9/24

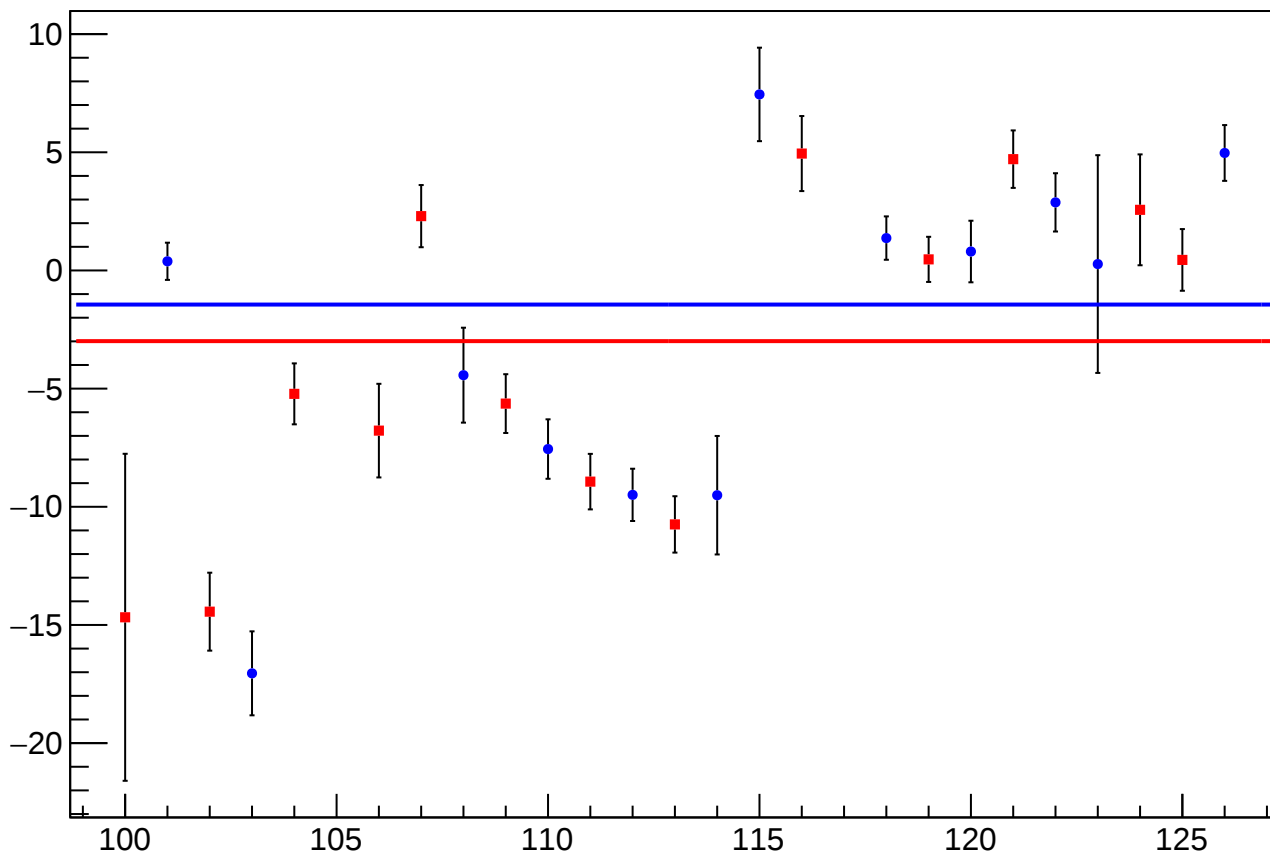
reg_asym_sam_12345678_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -21.565+/-0.597 χ^2/NDF : 687.9/11
 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: -19.764+/-0.405 χ^2/NDF : 1422.0/24
 In: -21.565+/-0.597 χ^2/NDF :687.9/11
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -19.764+/-0.405 χ^2/NDF : 1422.0/24

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.443 $\pm$ 0.372 χ^2 /NDF: 246.3/11

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

Right Out: -2.991 $\pm$ 0.382 χ^2 /NDF: 237.0/12

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

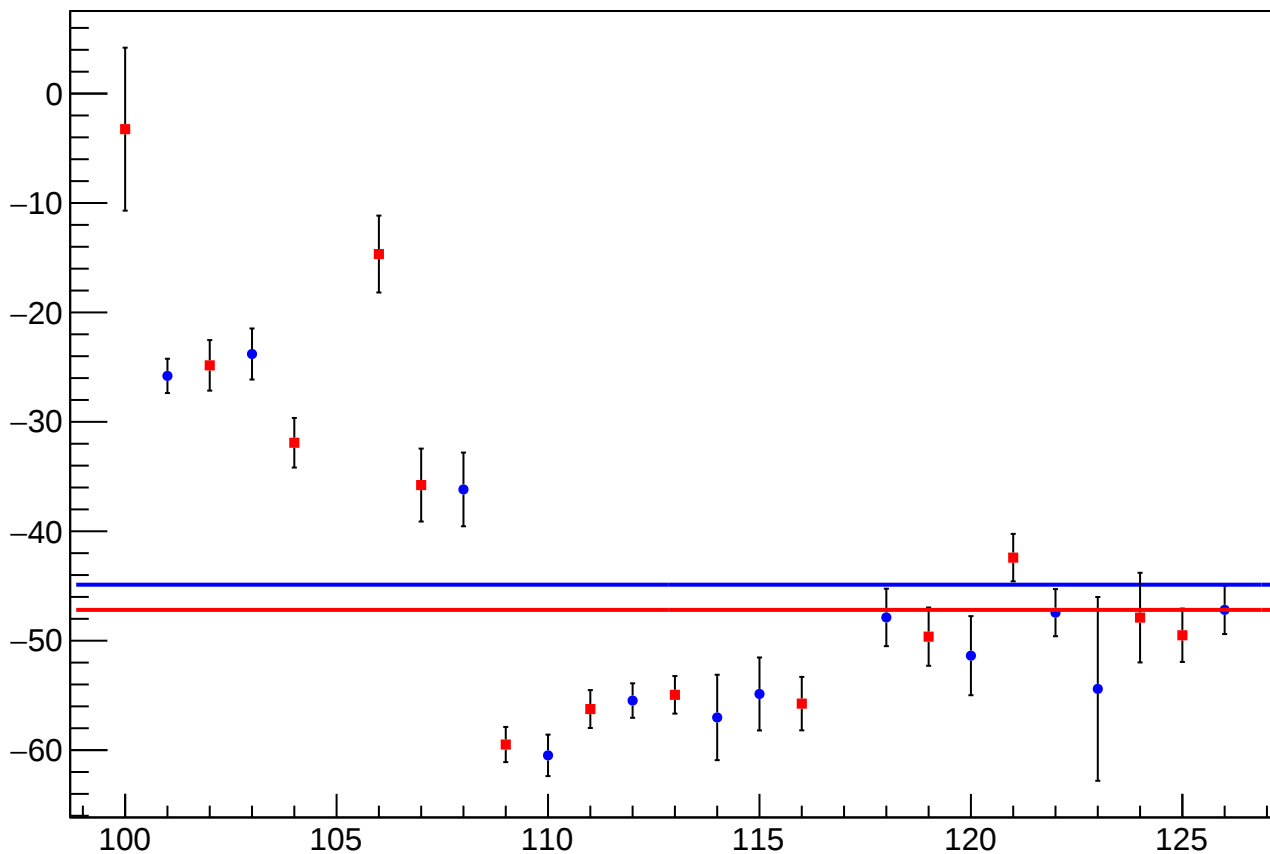
Right: -2.195 $\pm$ 0.267 χ^2 /NDF: 491.7/24

In: -1.443 $\pm$ 0.372 χ^2 /NDF:246.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.195 $\pm$ 0.267 χ^2 /NDF: 491.7/24

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.882 ± 0.679 χ^2/NDF : 376.1/11

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

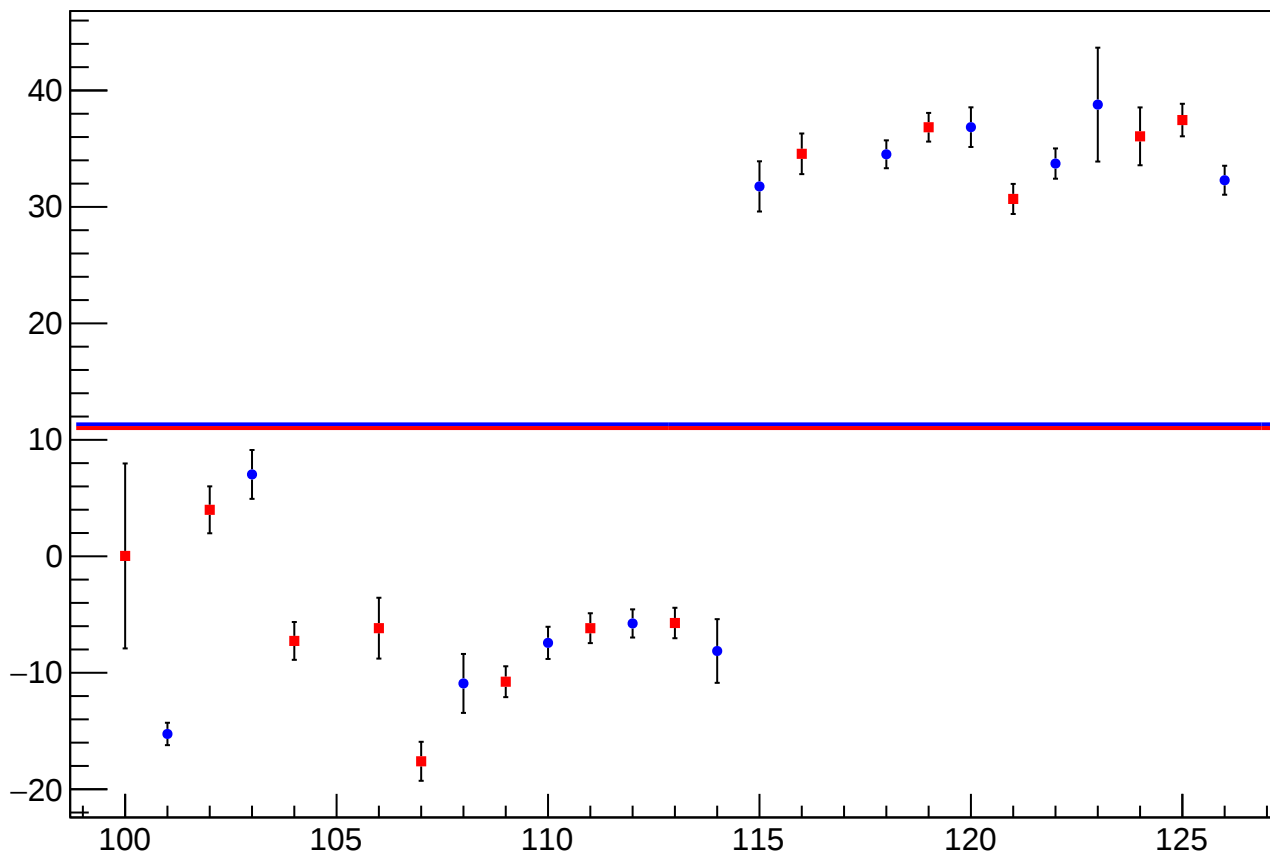
Right: -46.086 ± 0.469 χ^2/NDF : 778.6/24

In: -44.882 ± 0.679 χ^2/NDF : 376.1/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -46.086 ± 0.469 χ^2/NDF : 778.6/24

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.327+/-0.433 χ^2 /NDF: 2583.0/11

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

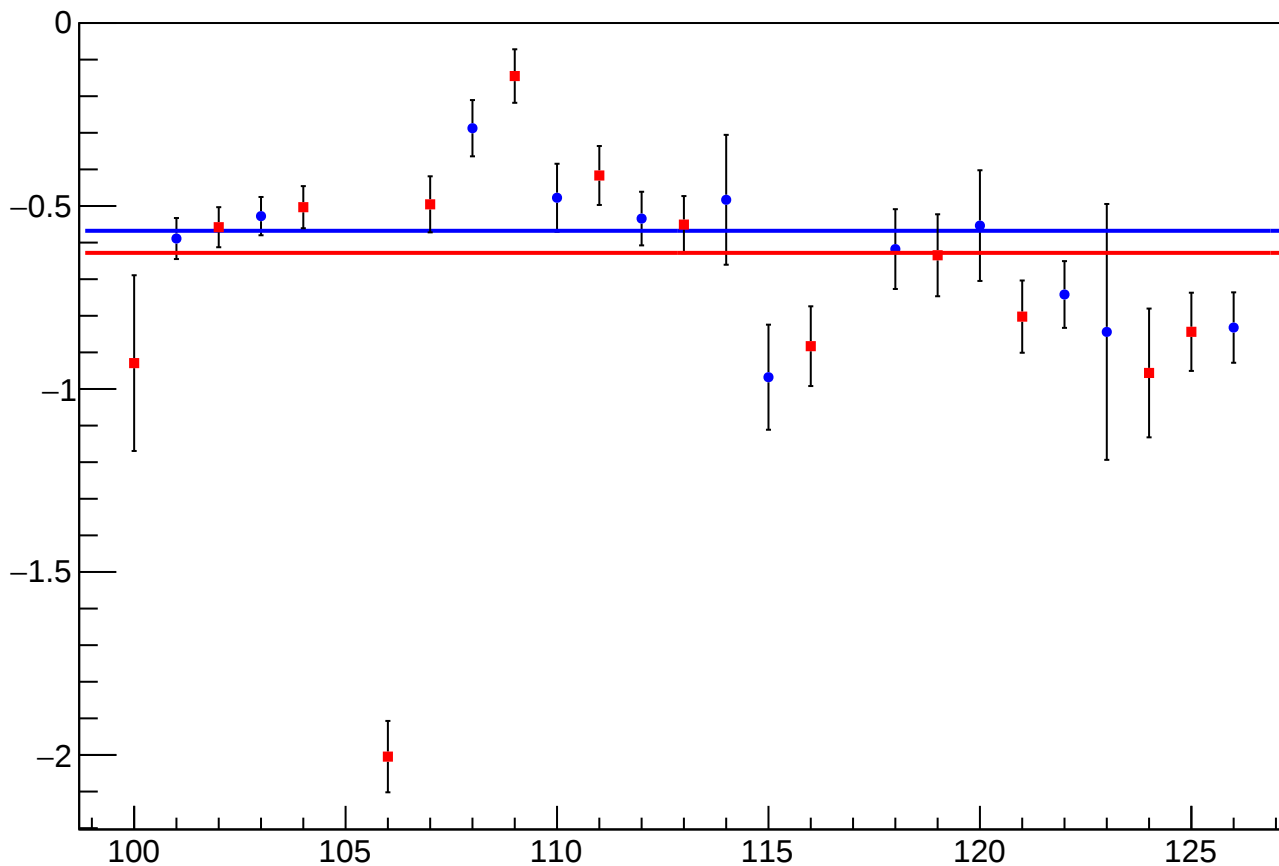
Right: 11.172+/-0.308 χ^2 /NDF: 4988.2/24

In: 11.327+/-0.433 χ^2 /NDF:2583.0/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 11.172+/-0.308 χ^2 /NDF: 4988.2/24

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.568 $\pm$ 0.025 χ^2 /NDF: 35.2/11

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

Right Out: -0.628 $\pm$ 0.023 χ^2 /NDF: 277.8/12

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

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

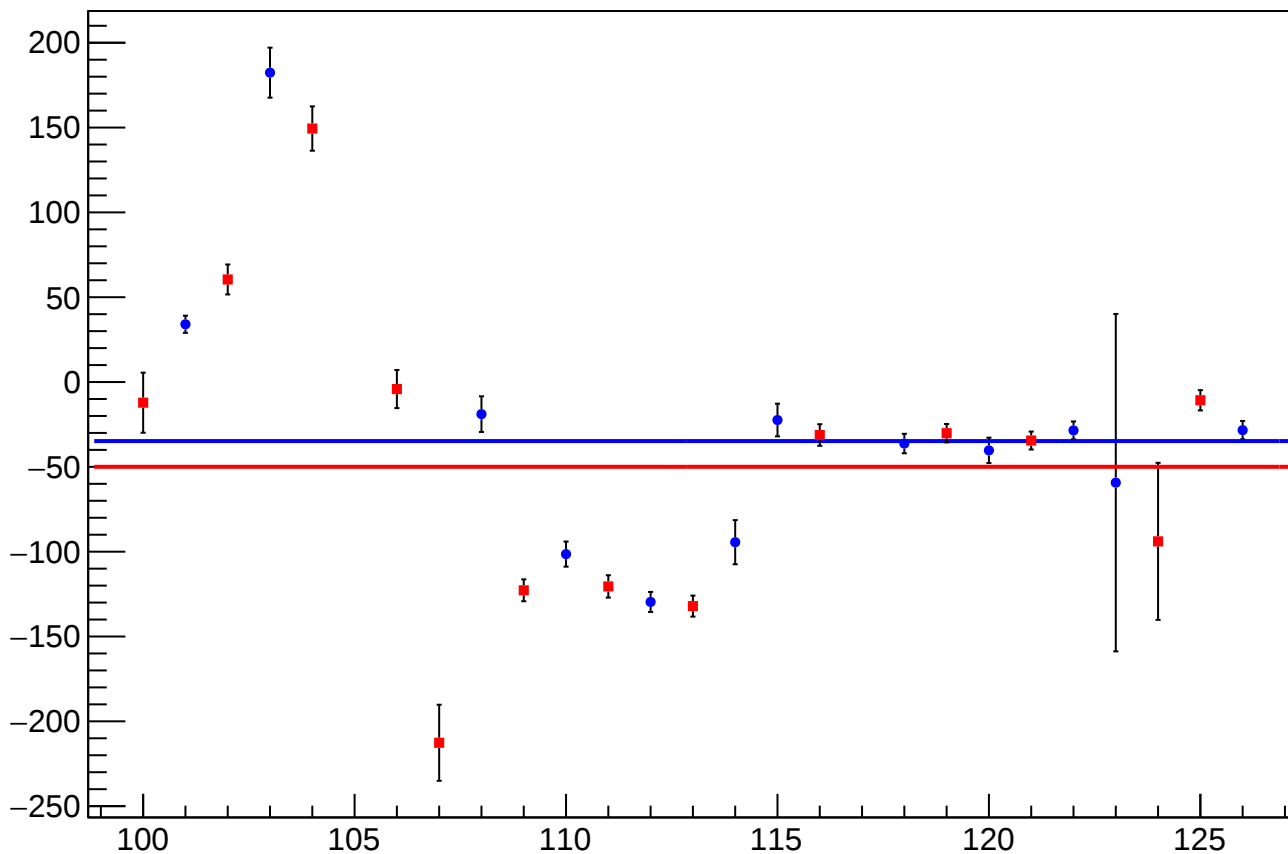
Right: -0.600 $\pm$ 0.017 χ^2 /NDF: 316.2/24

In: -0.568 $\pm$ 0.025 χ^2 /NDF:35.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.600 $\pm$ 0.017 χ^2 /NDF: 316.2/24

reg_asym_atl1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -34.809+/-2.062 χ^2/NDF : 770.0/11

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

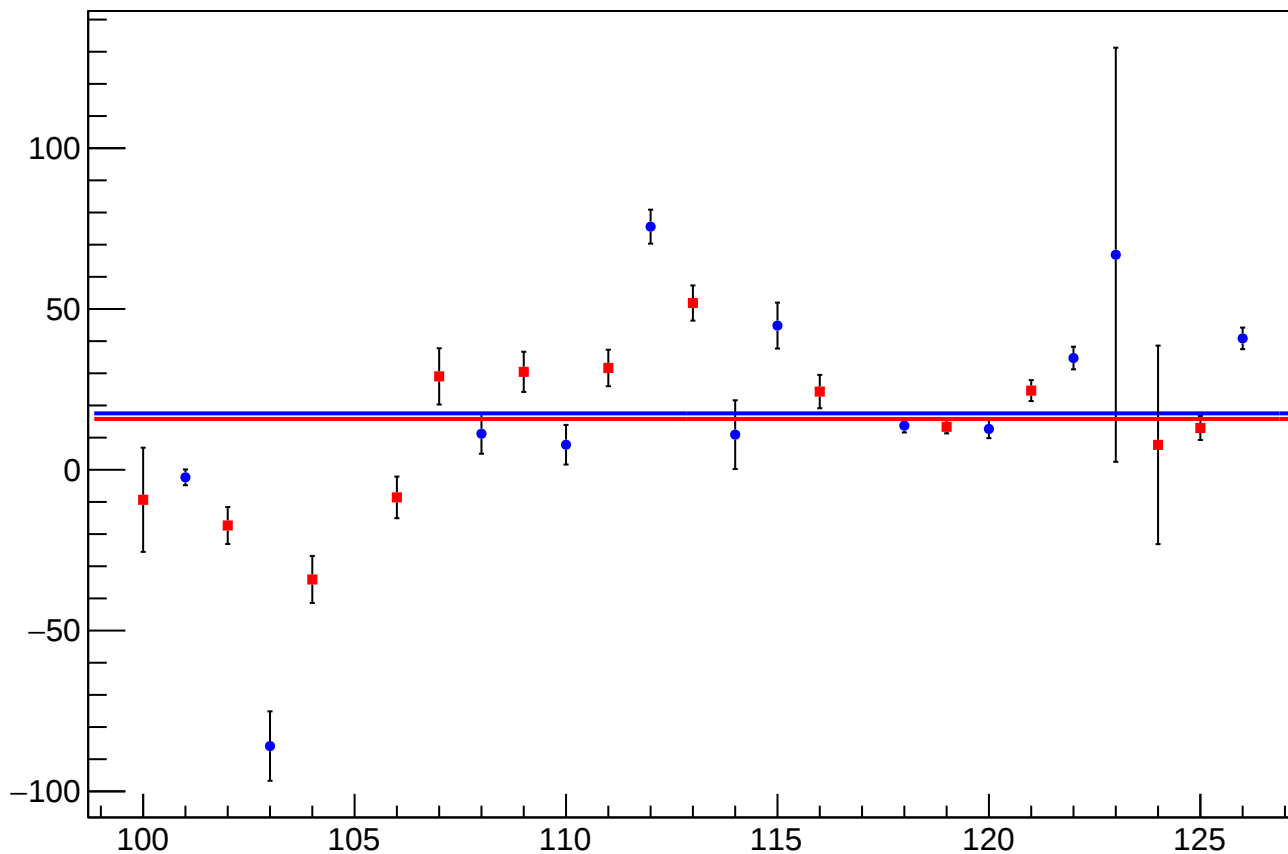
Right: -42.271+/-1.470 χ^2/NDF : 1752.0/24

In: -34.809+/-2.062 χ^2/NDF : 770.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.271+/-1.470 χ^2/NDF : 1752.0/24

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.544+/-1.116 χ^2/NDF : 375.1/11

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

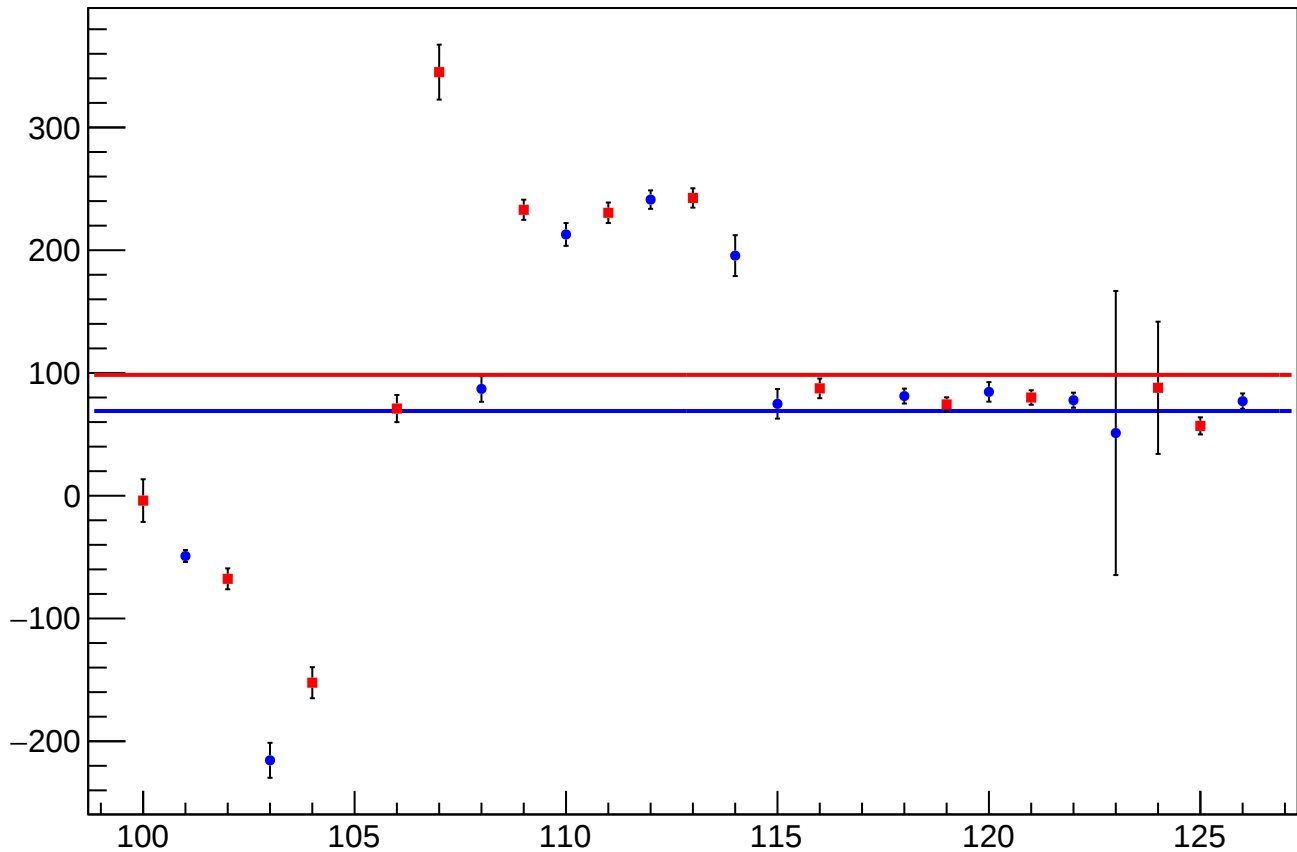
Right: 16.788+/-0.838 χ^2/NDF : 543.6/24

In: 17.544+/-1.116 χ^2/NDF : 375.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.788+/-0.838 χ^2/NDF : 543.6/24

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 69.015+/-2.289 χ^2 /NDF: 1825.4/11

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

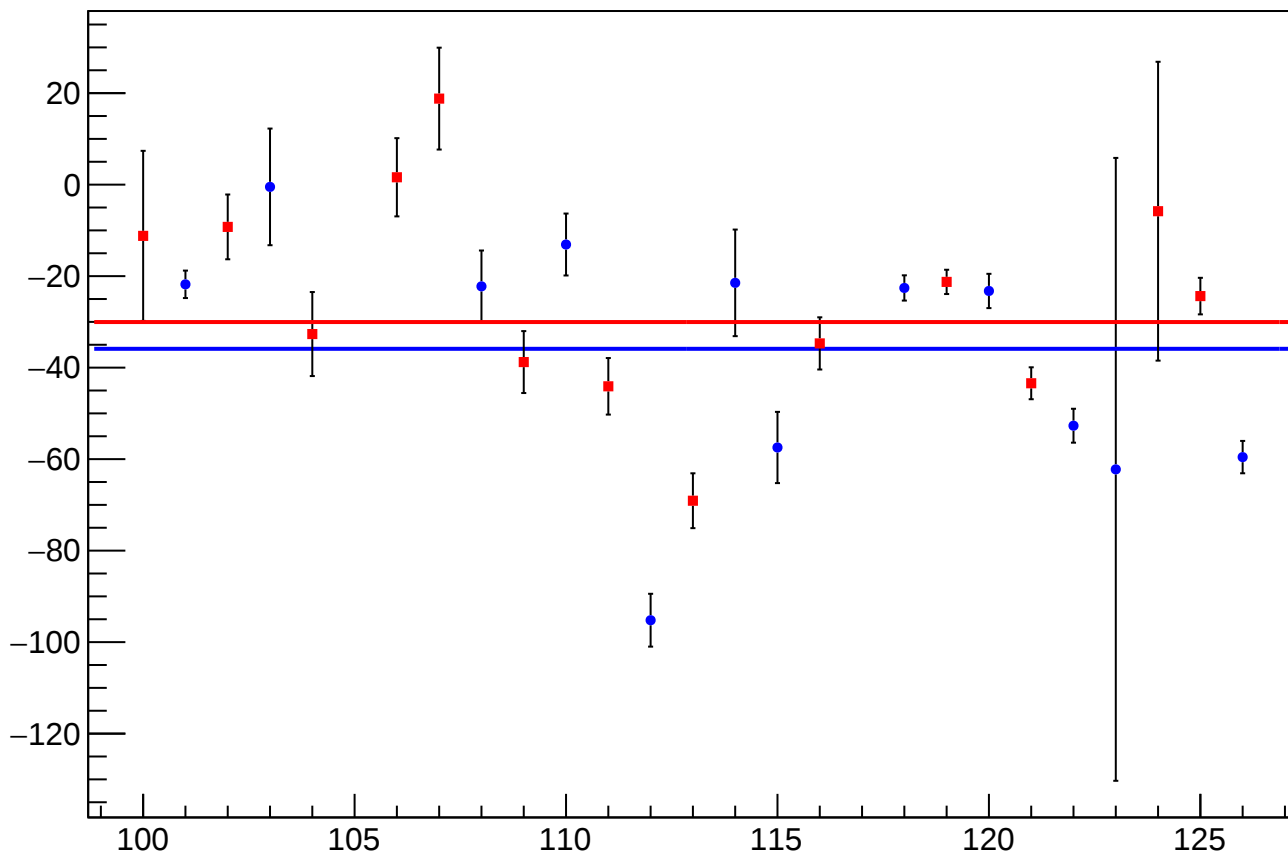
Right: 83.056+/-1.654 χ^2 /NDF: 3758.8/24

In: 69.015+/-2.289 χ^2 /NDF:1825.4/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 83.056+/-1.654 χ^2 /NDF: 3758.8/24

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -35.886 ± 1.331 χ^2/NDF : 259.0/11

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

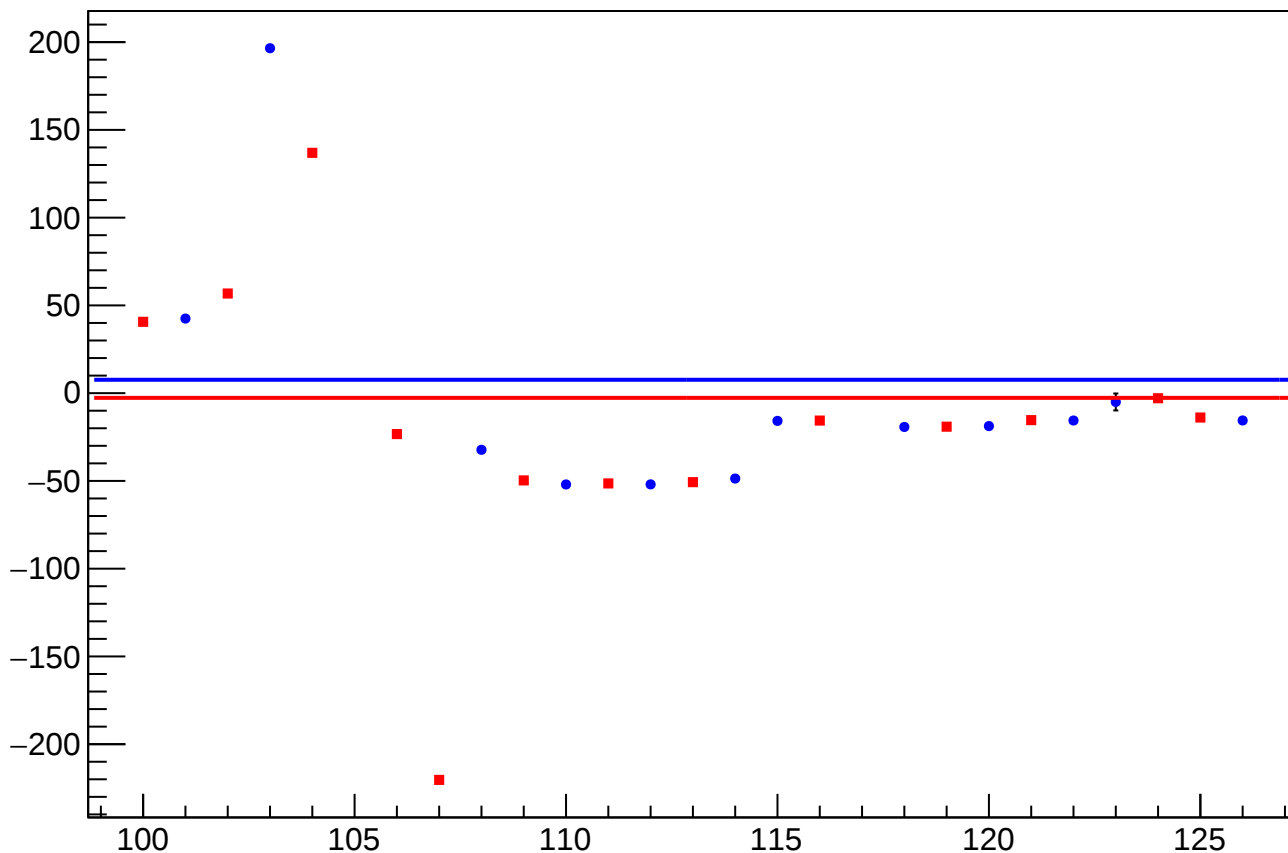
Right: -33.288 ± 0.993 χ^2/NDF : 388.4/24

In: -35.886 ± 1.331 χ^2/NDF : 259.0/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -33.288 ± 0.993 χ^2/NDF : 388.4/24

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.624+/-0.087 χ^2/NDF : 504364.1/11

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

Right Out: -2.672+/-0.089 χ^2/NDF : 525615.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

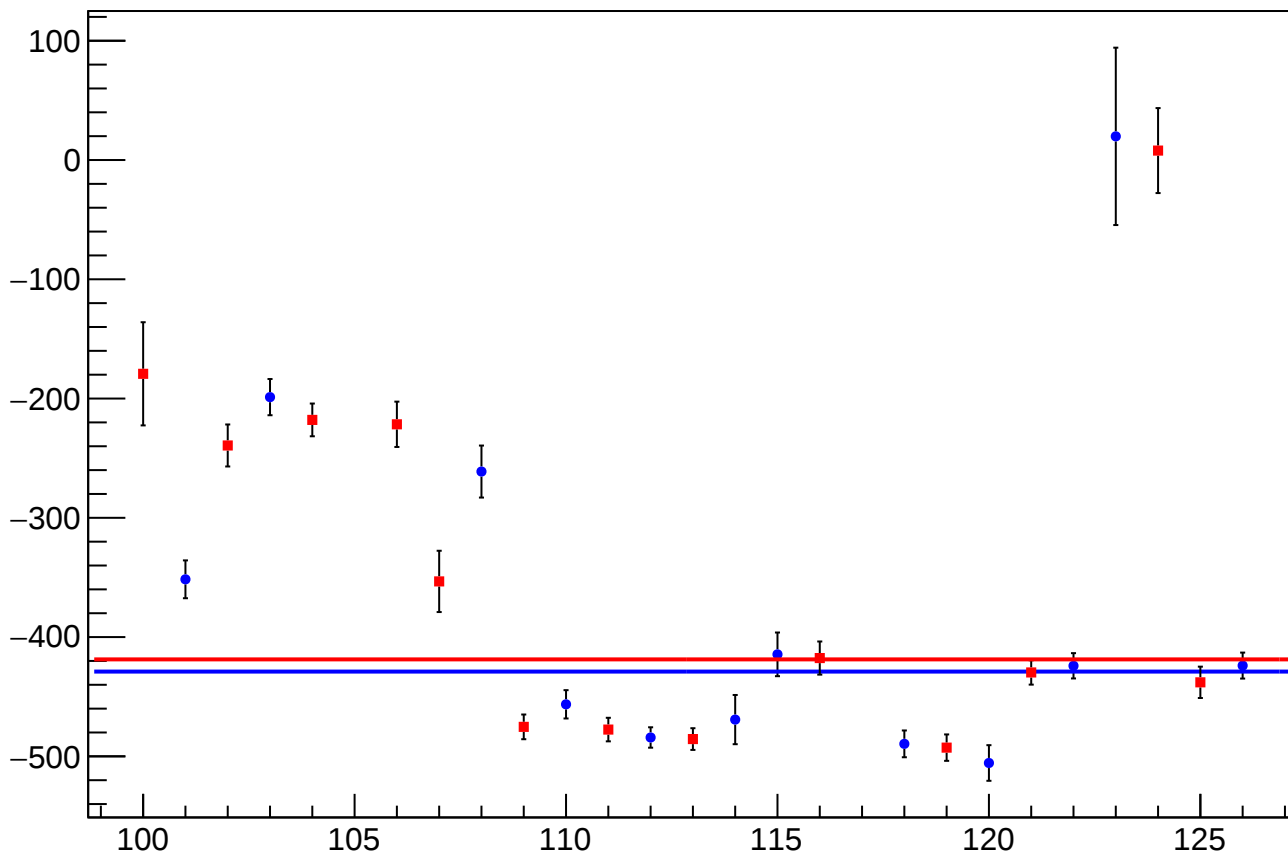
Right: 2.590+/-0.062 χ^2/NDF : 1036813.8/24

In: 7.624+/-0.087 χ^2/NDF :504364.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2.590+/-0.062 χ^2/NDF : 1036813.8/24

reg_asym_atl2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -428.930+/-3.880 χ^2 /NDF: 456.5/11

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

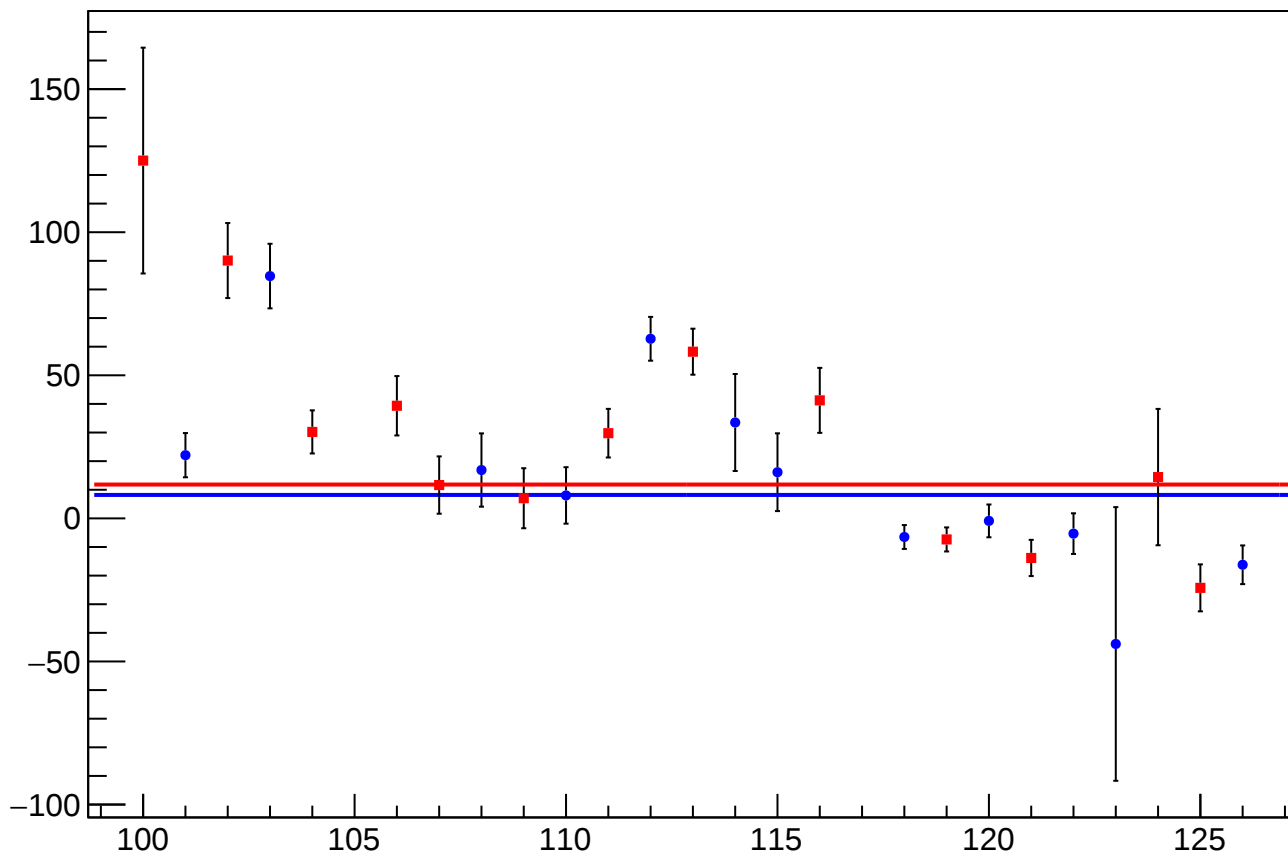
Right: -423.524+/-2.664 χ^2 /NDF: 1233.3/24

In: -428.930+/-3.880 χ^2 /NDF:456.5/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -423.524+/-2.664 χ^2 /NDF: 1233.3/24

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.194+/-2.253 χ^2/NDF : 135.8/11

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

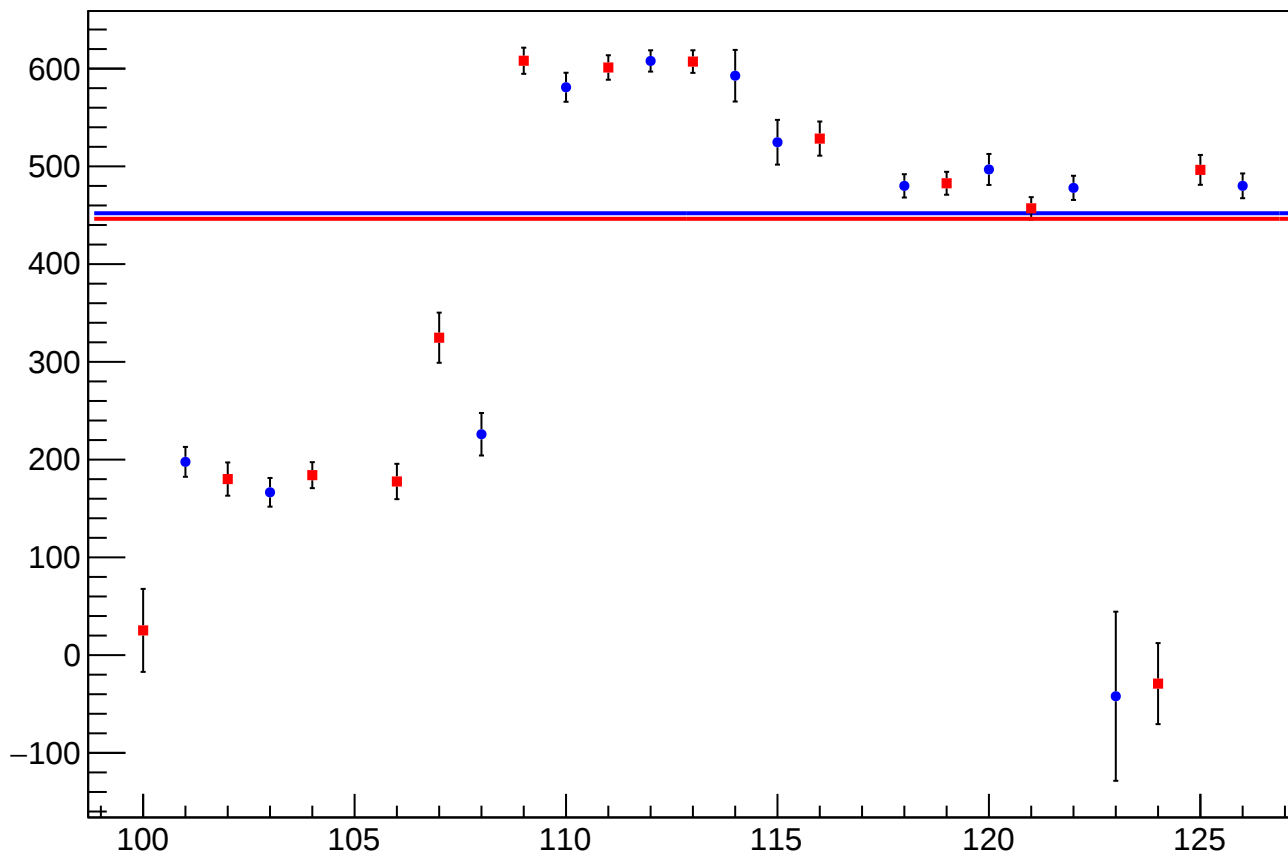
Right: 9.965+/-1.612 χ^2/NDF : 295.3/24

In: 8.194+/-2.253 χ^2/NDF : 135.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.965+/-1.612 χ^2/NDF : 295.3/24

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 452.044+/-4.417 χ^2/NDF : 1136.8/11

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

Right Out: 446.354+/-4.198 χ^2/NDF : 1643.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

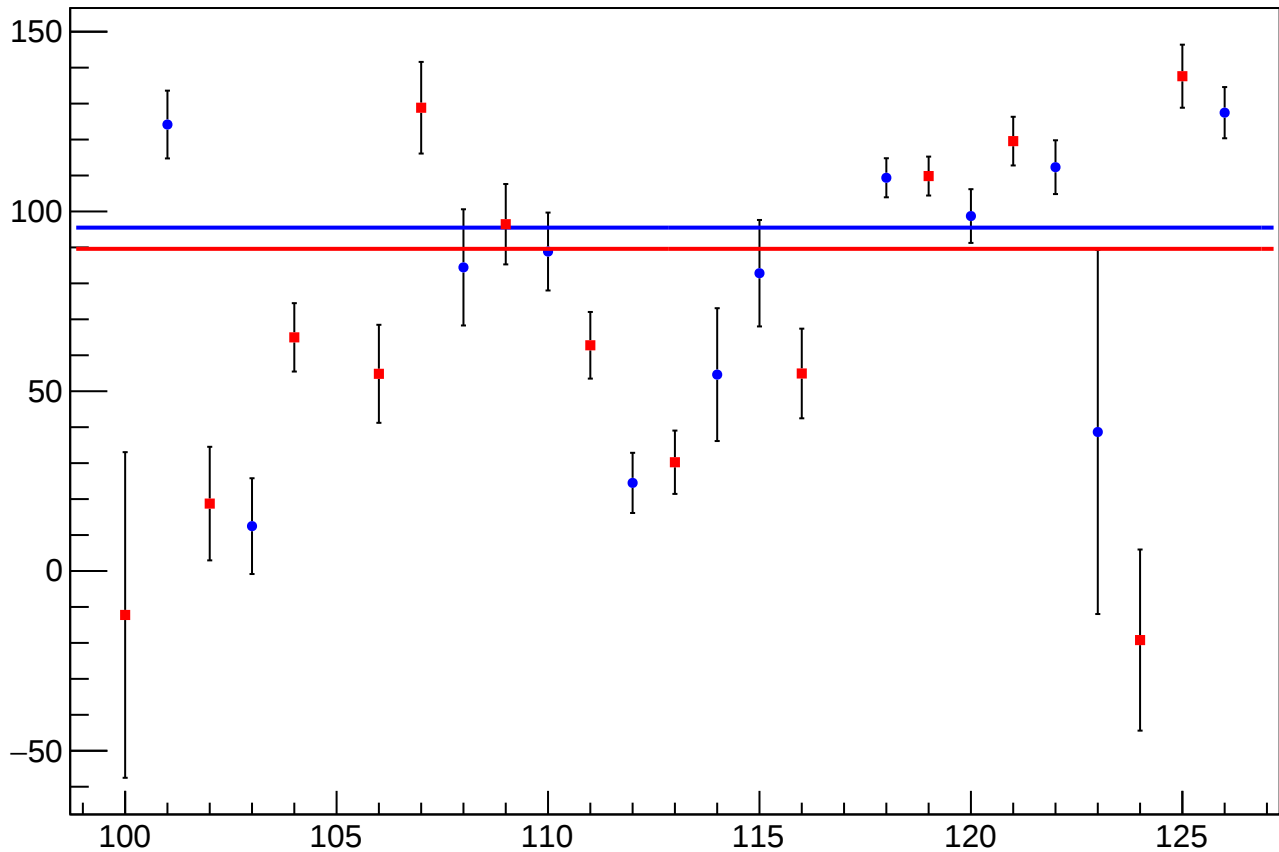
Right: 449.055+/-3.043 χ^2/NDF : 2780.9/24

In: 452.044+/-4.417 χ^2/NDF : 1136.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 449.055+/-3.043 χ^2/NDF : 2780.9/24

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 95.504 $\pm$ 2.665 χ^2 /NDF: 159.7/11

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

Right Out: 89.604 $\pm$ 2.706 χ^2 /NDF: 192.0/12

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

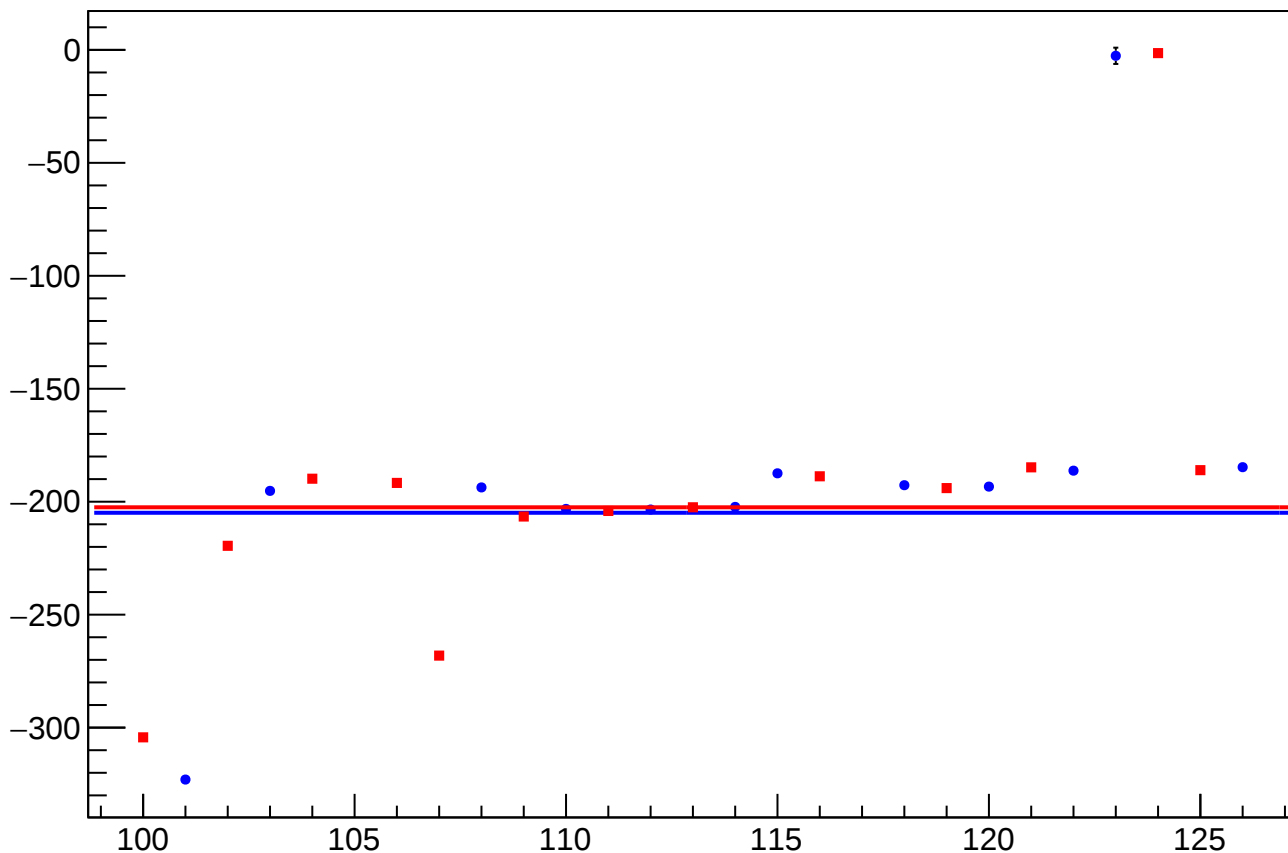
Right: 92.599 $\pm$ 1.899 χ^2 /NDF: 354.1/24

In: 95.504 $\pm$ 2.665 χ^2 /NDF: 159.7/11

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

All: 92.599 $\pm$ 1.899 χ^2 /NDF: 354.1/24

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -204.899+/-0.163 χ^2/NDF : 54365.1/11

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

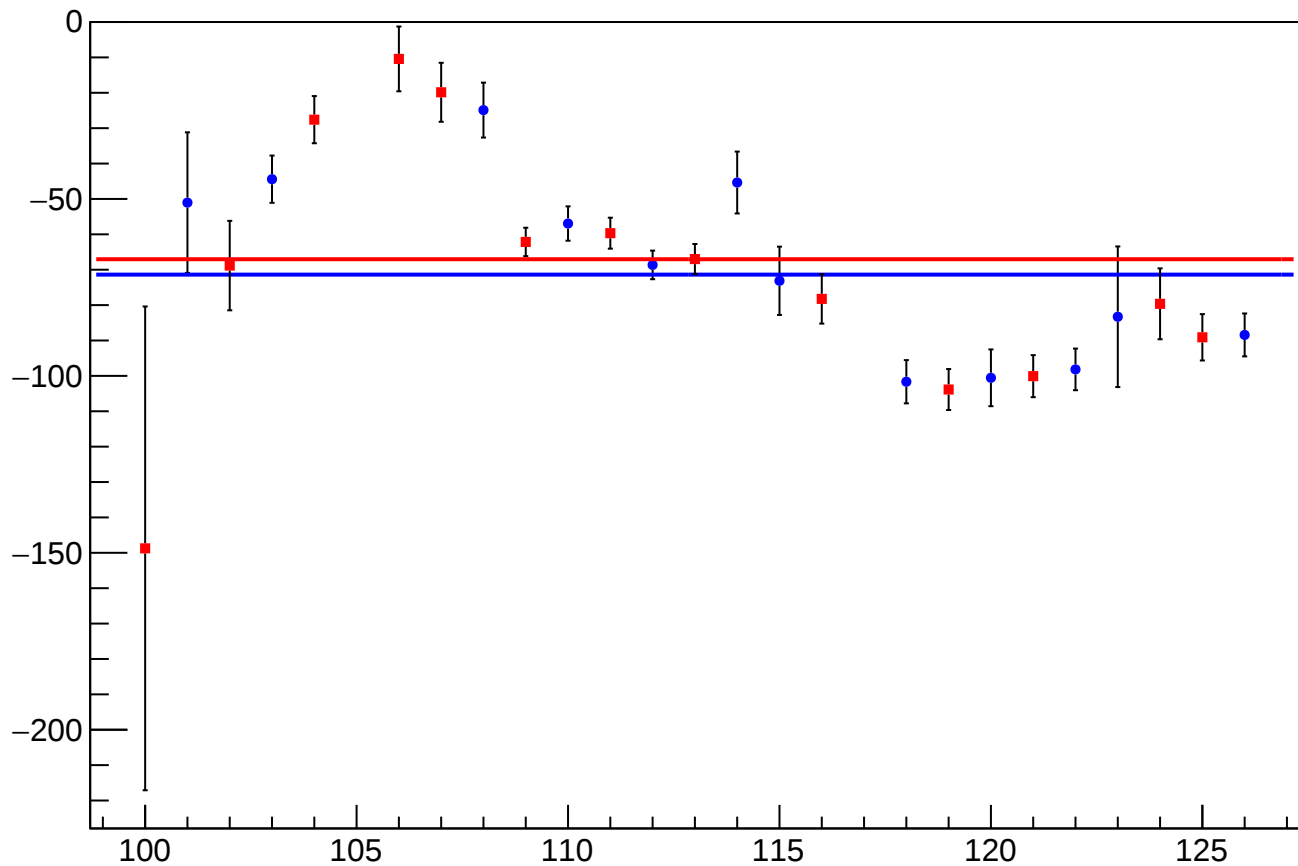
Right: -203.600+/-0.111 χ^2/NDF : 91196.5/24

In: -204.899+/-0.163 χ^2/NDF : 54365.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -203.600+/-0.111 χ^2/NDF : 91196.5/24

reg_asym_atr1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -71.387+/-1.924 χ^2/NDF : 138.2/11

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

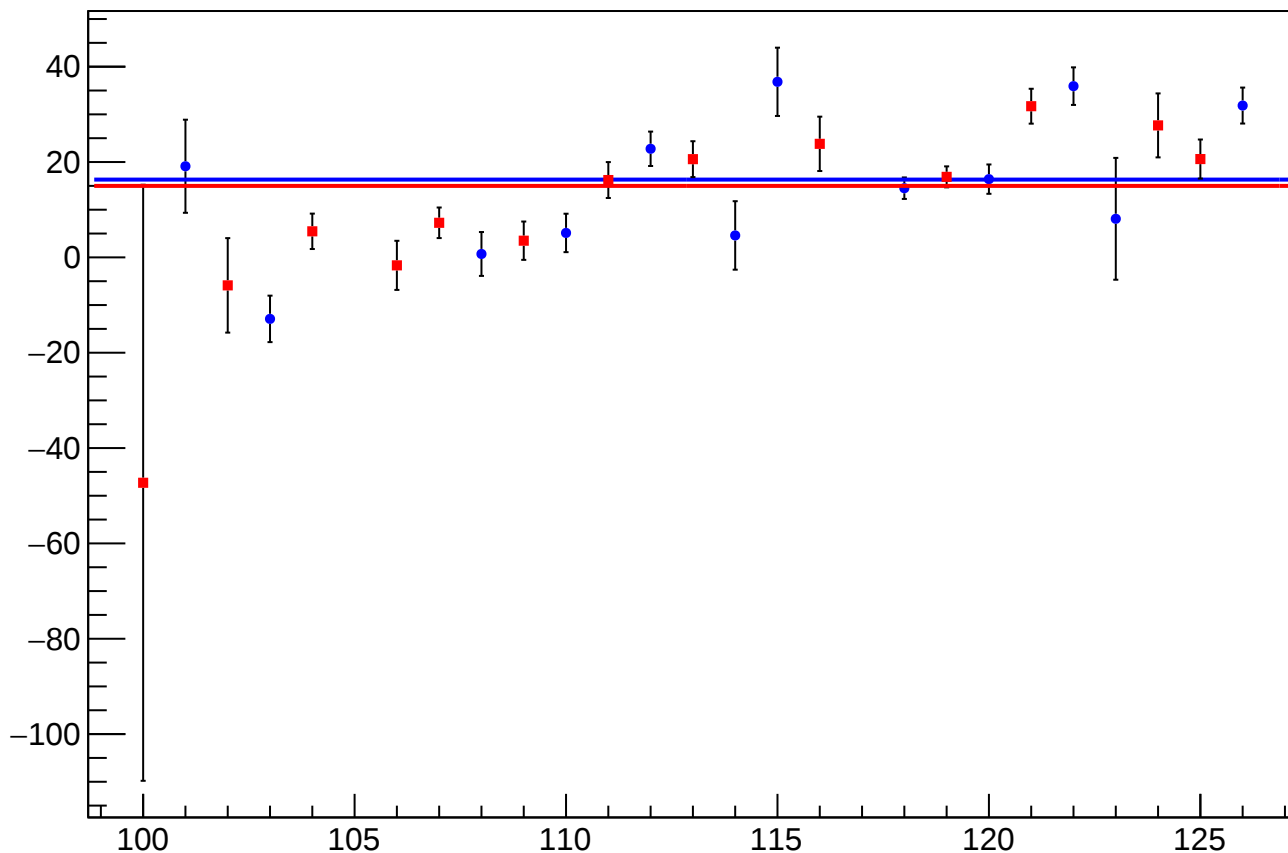
Right: -68.972+/-1.284 χ^2/NDF : 339.0/24

In: -71.387+/-1.924 χ^2/NDF :138.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -68.972+/-1.284 χ^2/NDF : 339.0/24

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.317+/-1.178 χ^2 /NDF: 112.0/11

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

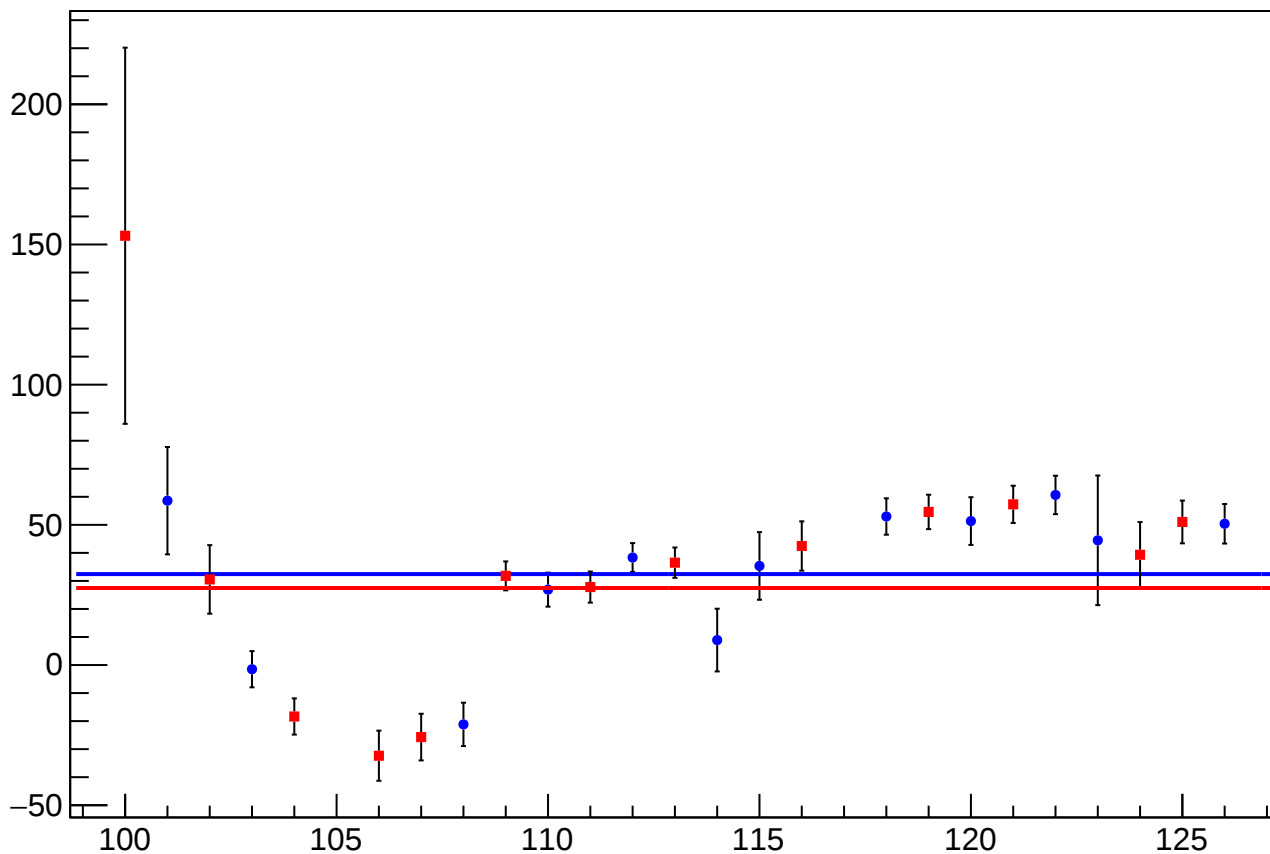
Right: 15.614+/-0.807 χ^2 /NDF: 181.0/24

In: 16.317+/-1.178 χ^2 /NDF:112.0/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 15.614+/-0.807 χ^2 /NDF: 181.0/24

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 32.439+/-2.214 χ^2 /NDF: 122.8/11

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

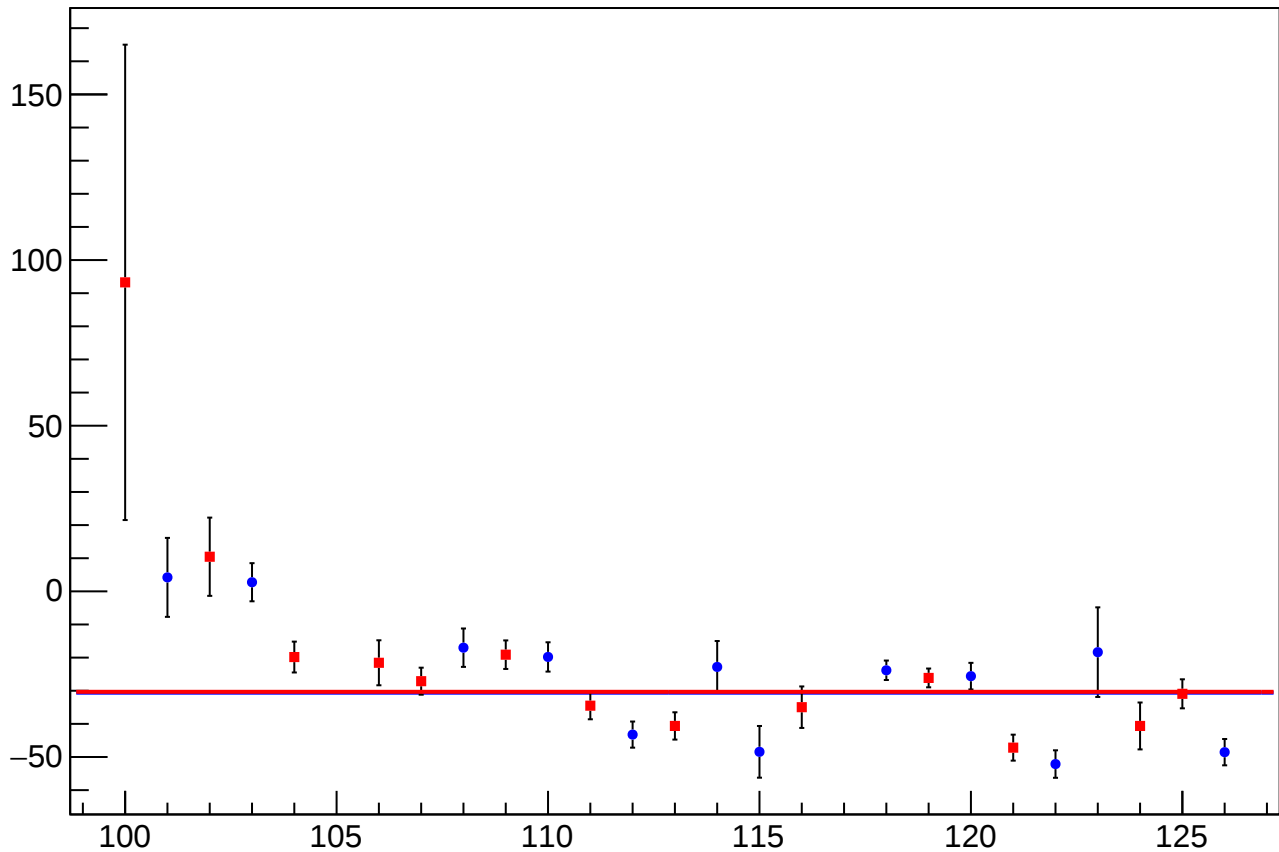
Right: 29.710+/-1.486 χ^2 /NDF: 321.9/24

In: 32.439+/-2.214 χ^2 /NDF:122.8/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 29.710+/-1.486 χ^2 /NDF: 321.9/24

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -30.585+/-1.387 χ^2/NDF : 125.1/11

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

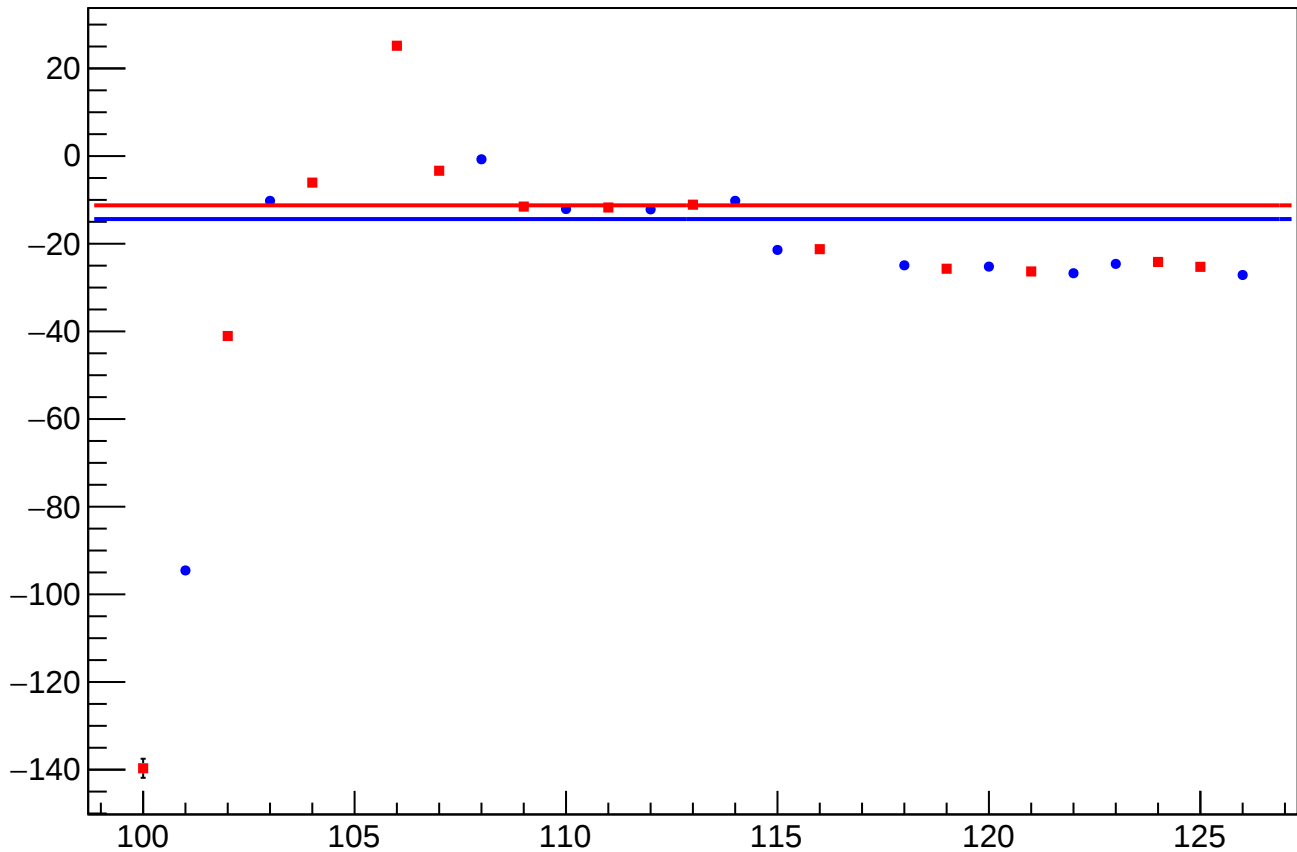
Right: -30.444+/-0.947 χ^2/NDF : 184.8/24

In: -30.585+/-1.387 χ^2/NDF : 125.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.444+/-0.947 χ^2/NDF : 184.8/24

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -14.371+/-0.078 χ^2/NDF : 27022.8/11

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

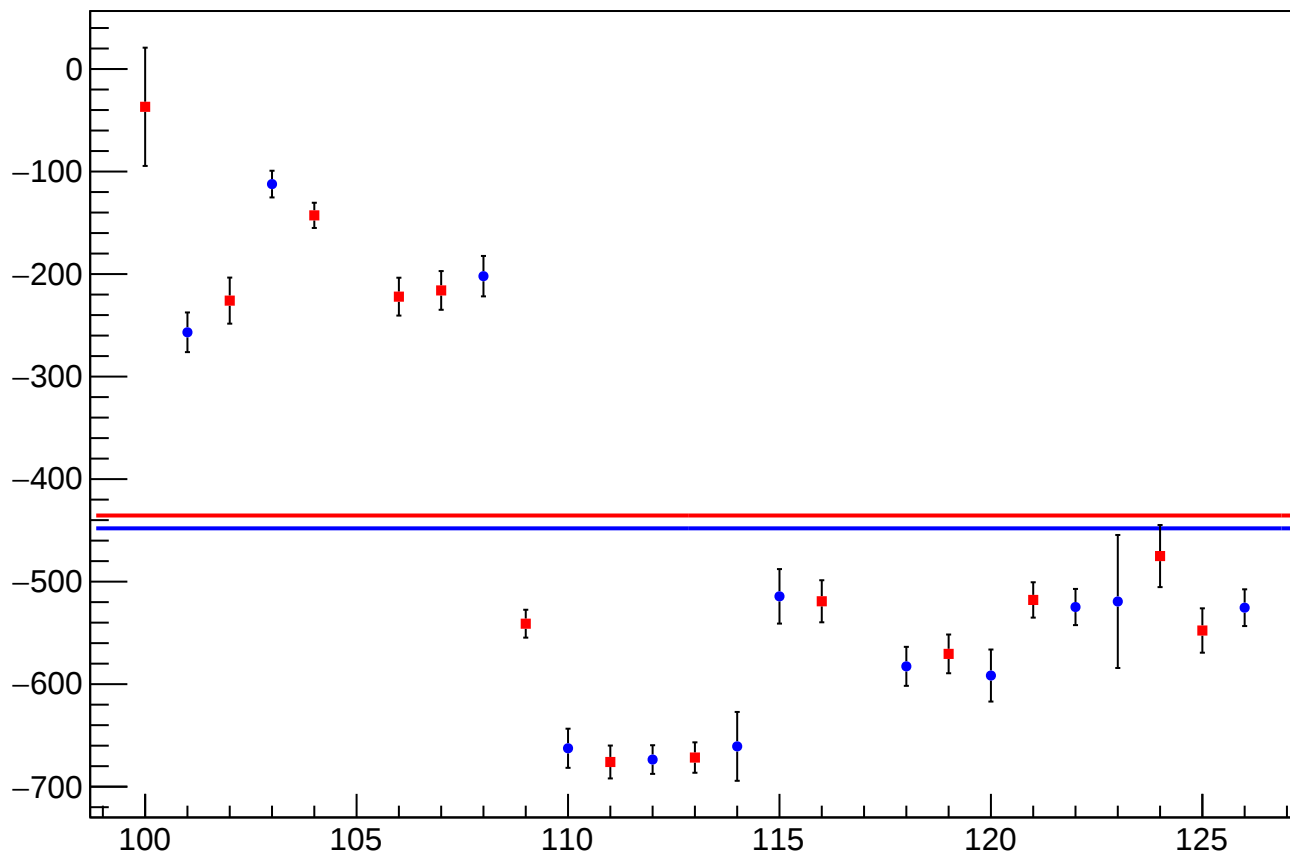
Right: -12.675+/-0.053 χ^2/NDF : 77243.6/24

In: -14.371+/-0.078 χ^2/NDF : 27022.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.675+/-0.053 χ^2/NDF : 77243.6/24

reg_asym_atr2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -448.023+/-5.574 χ^2/NDF : 1472.6/11

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

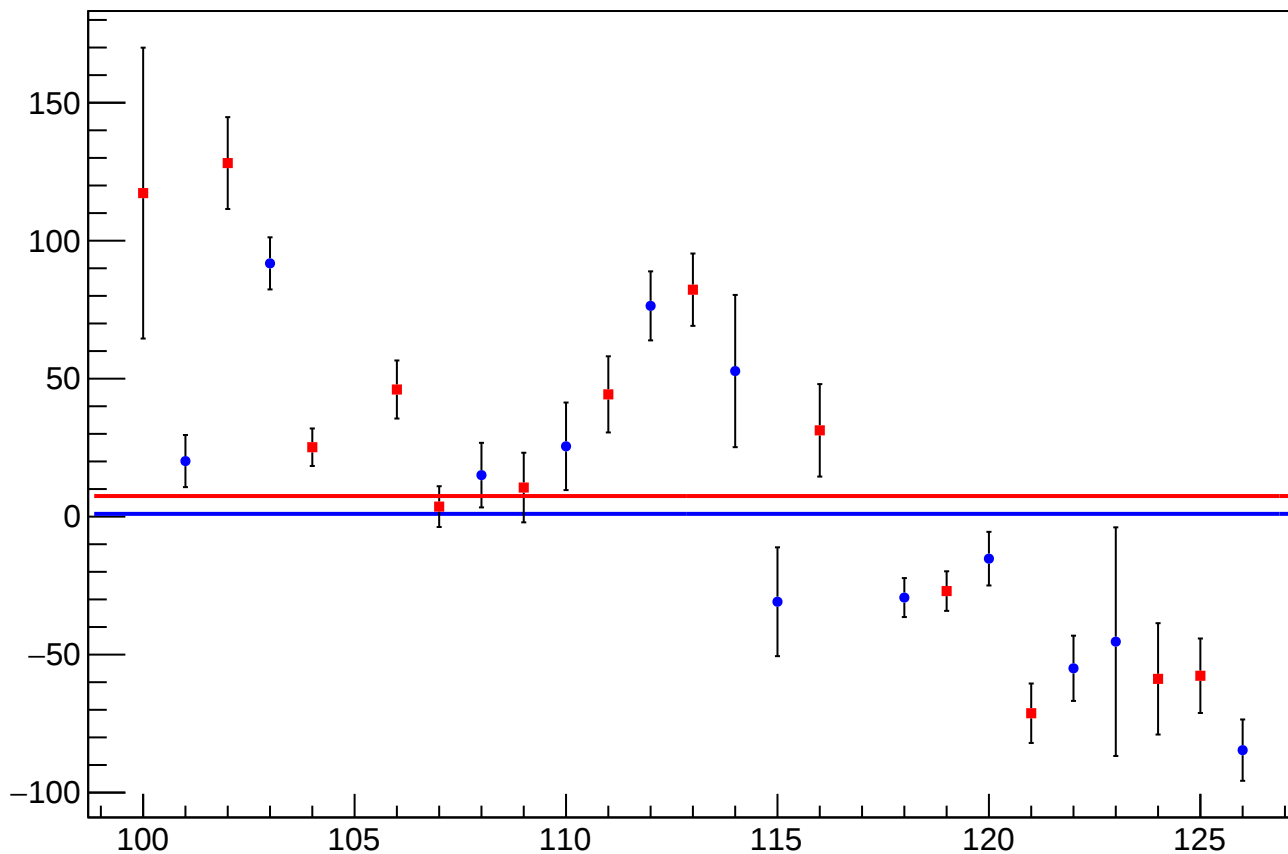
Right: -441.065+/-3.716 χ^2/NDF : 3102.9/24

In: -448.023+/-5.574 χ^2/NDF : 1472.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -441.065+/-3.716 χ^2/NDF : 3102.9/24

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.006+/-3.325 χ^2/NDF : 247.1/11

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

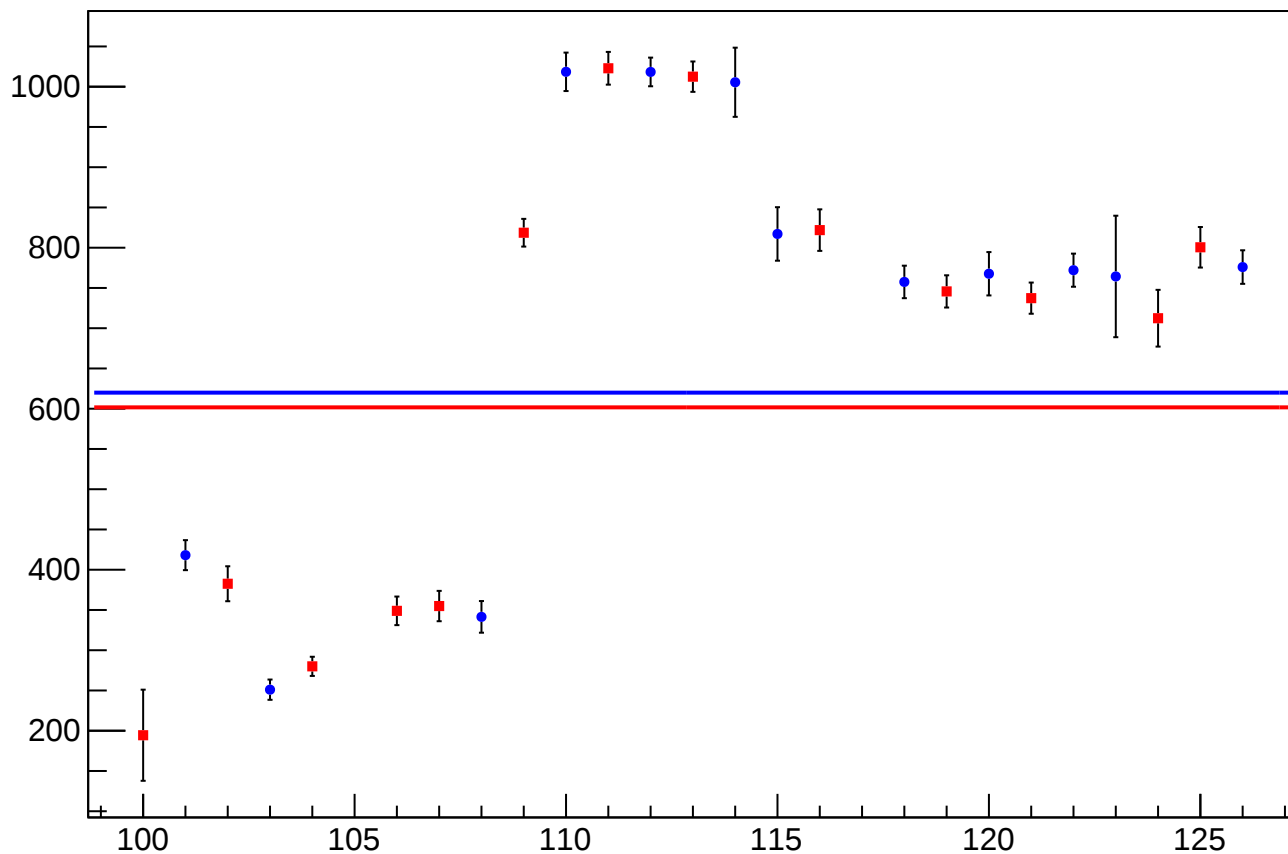
Right: 4.548+/-2.234 χ^2/NDF : 478.9/24

In: 1.006+/-3.325 χ^2/NDF :247.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4.548+/-2.234 χ^2/NDF : 478.9/24

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 619.965+/-6.108 χ^2/NDF : 2263.1/11

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

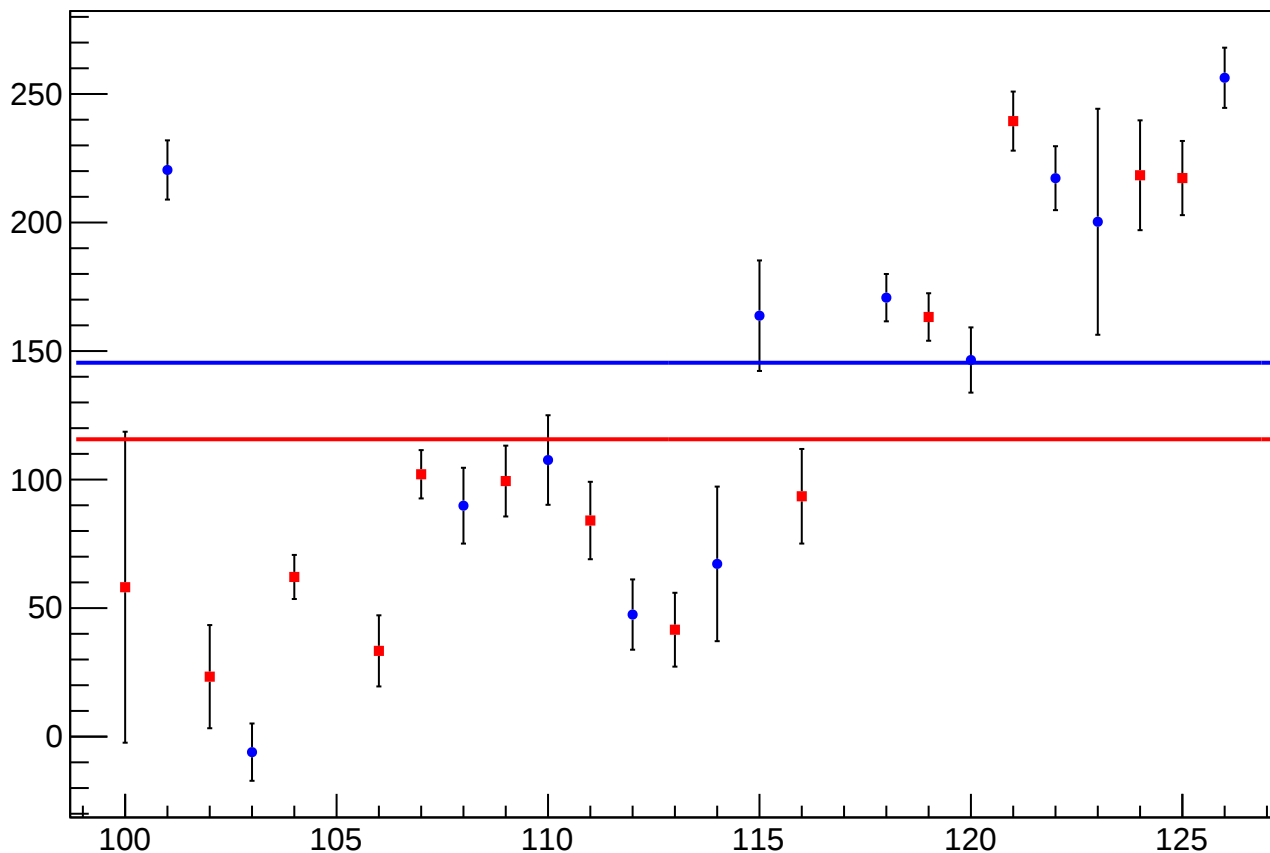
Right: 609.860+/-4.085 χ^2/NDF : 4834.1/24

In: 619.965+/-6.108 χ^2/NDF : 2263.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 609.860+/-4.085 χ^2/NDF : 4834.1/24

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 145.452+/-3.941 χ^2/NDF : 436.9/11

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

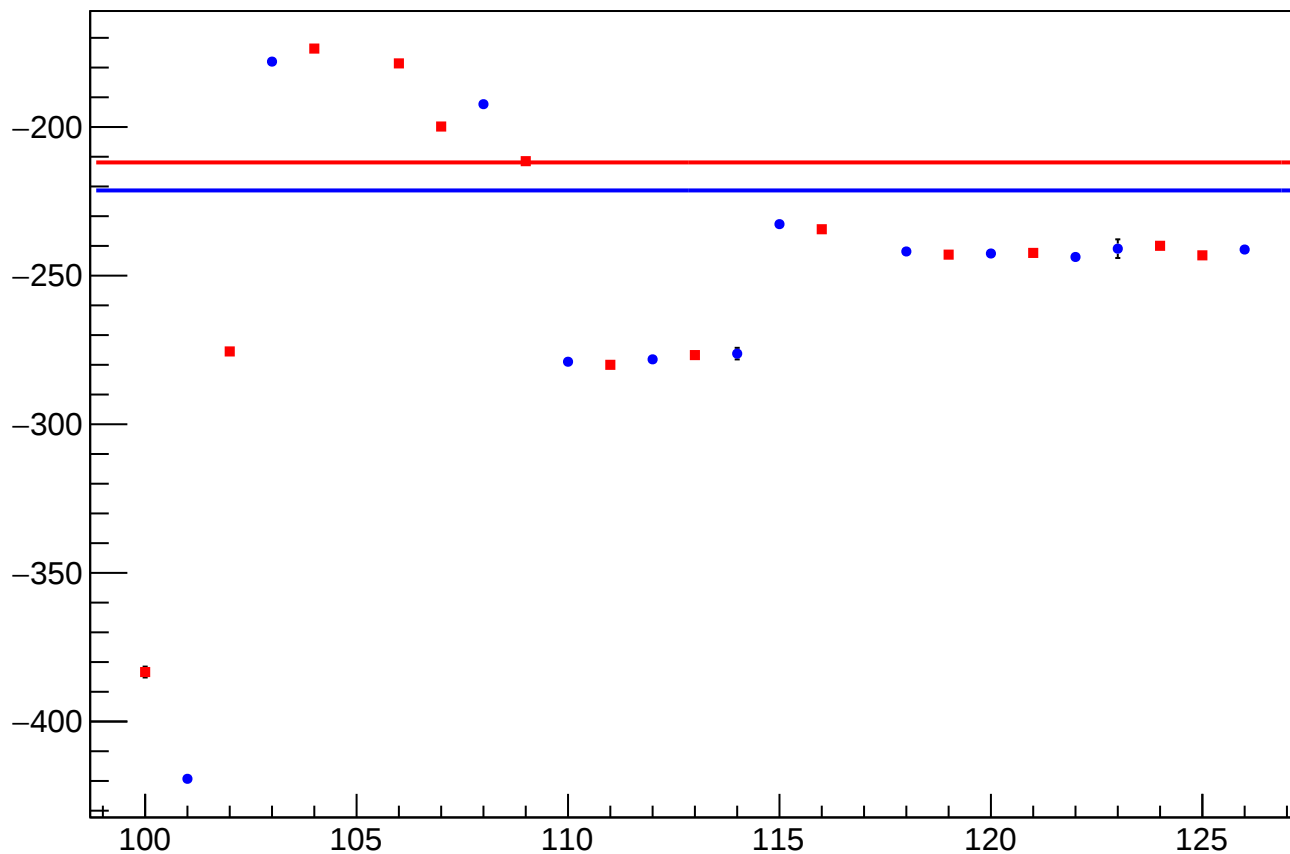
Right: 129.270+/-2.663 χ^2/NDF : 815.6/24

In: 145.452+/-3.941 χ^2/NDF : 436.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.270+/-2.663 χ^2/NDF : 815.6/24

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -221.337+/-0.191 χ^2/NDF : 125071.3/11

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

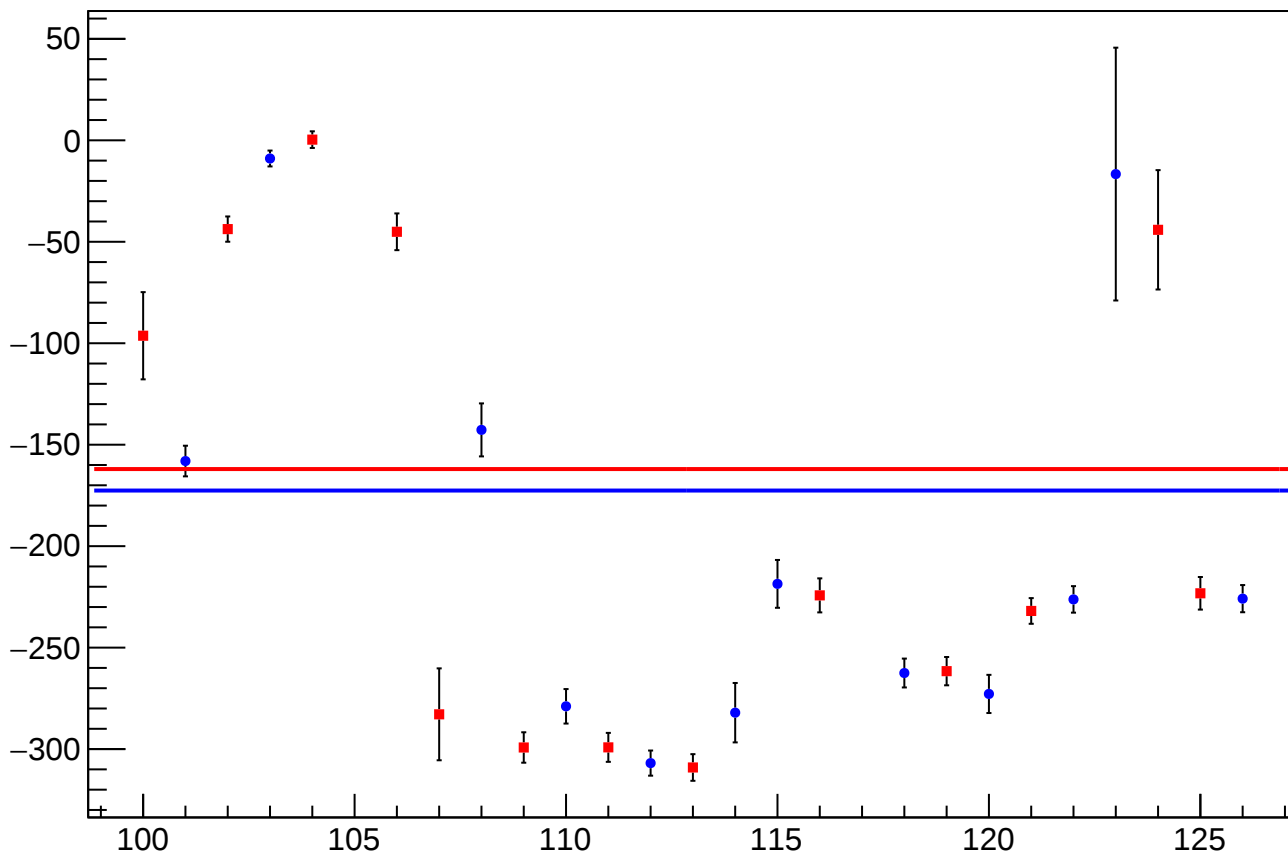
Right: -216.161+/-0.128 χ^2/NDF : 186958.6/24

In: -221.337+/-0.191 χ^2/NDF : 125071.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -216.161+/-0.128 χ^2/NDF : 186958.6/24

reg_asym_atl_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -172.590+/-2.144 χ^2/NDF : 2868.0/11

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

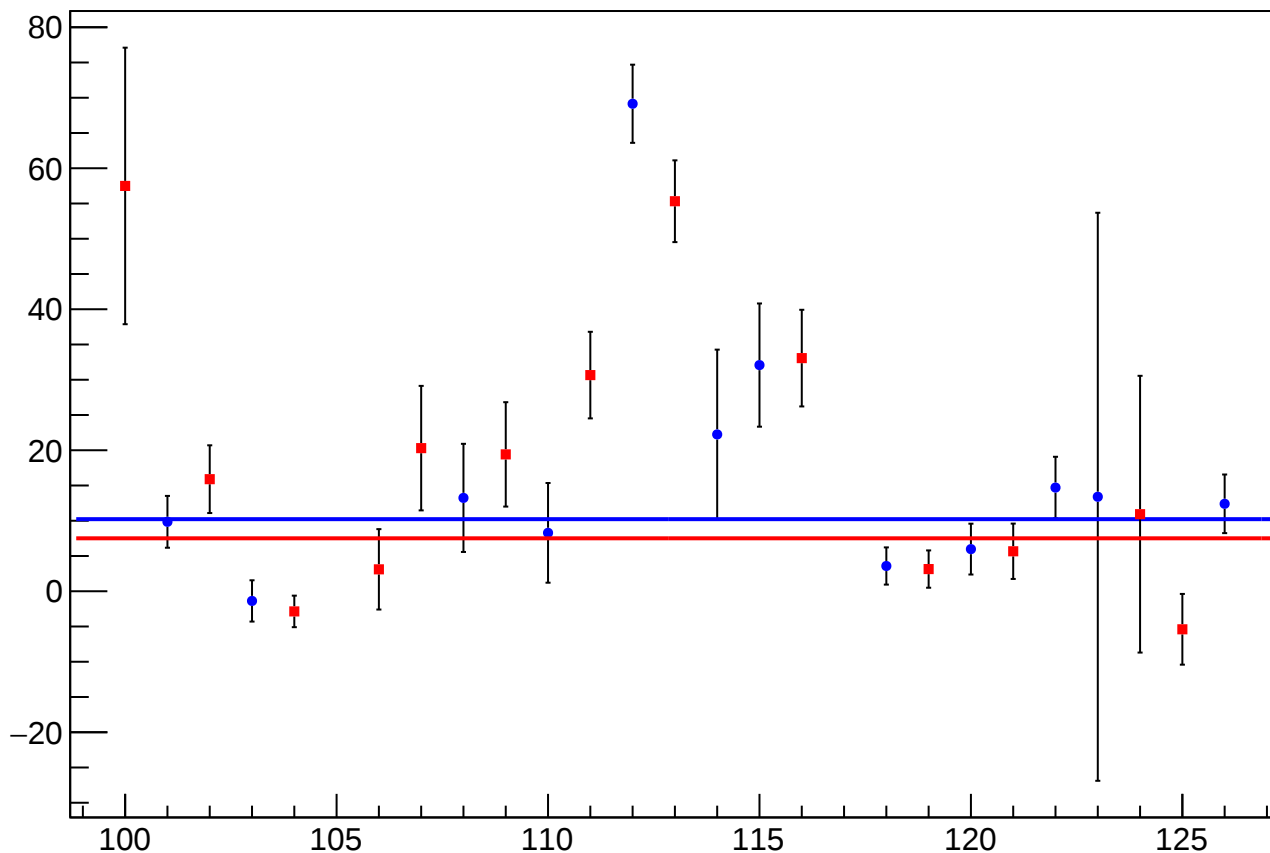
Right: -167.053+/-1.480 χ^2/NDF : 6674.8/24

In: -172.590+/-2.144 χ^2/NDF :2868.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -167.053+/-1.480 χ^2/NDF : 6674.8/24

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.225+/-1.279 χ^2/NDF : 145.2/11

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

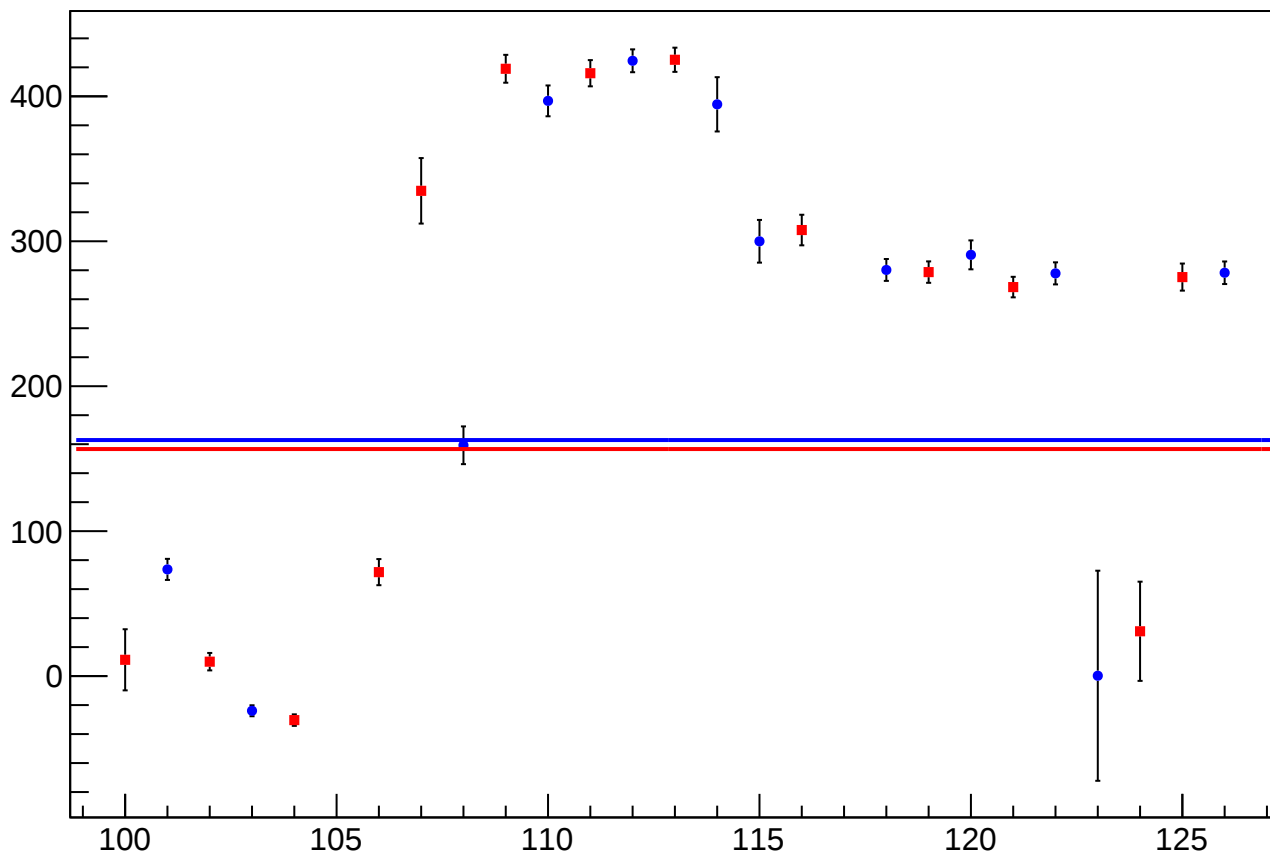
Right: 8.841+/-0.896 χ^2/NDF : 289.5/24

In: 10.225+/-1.279 χ^2/NDF : 145.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.841+/-0.896 χ^2/NDF : 289.5/24

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 162.857+/-2.303 χ^2/NDF : 5272.0/11

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

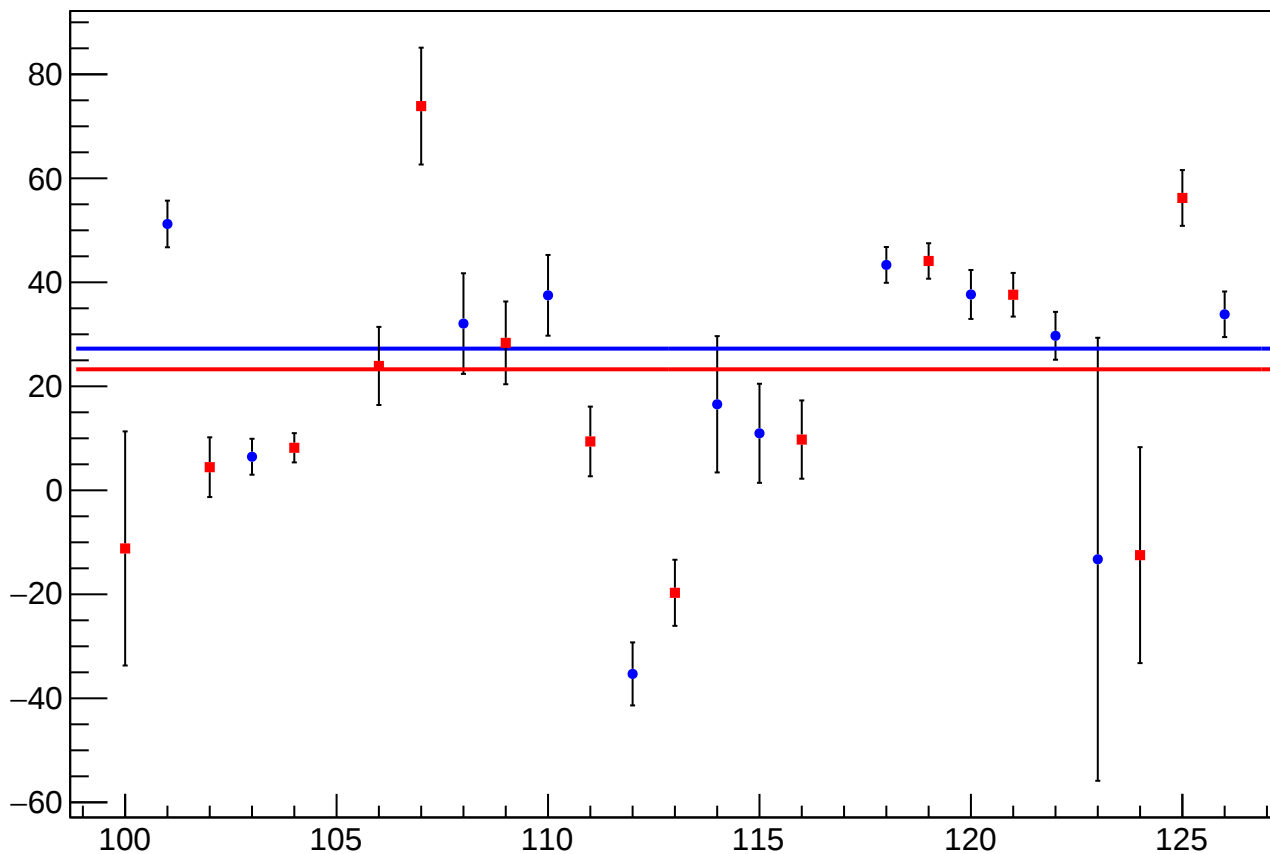
Right: 159.626+/-1.595 χ^2/NDF : 11789.6/24

In: 162.857+/-2.303 χ^2/NDF : 5272.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.626+/-1.595 χ^2/NDF : 11789.6/24

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 27.249+/-1.517 χ^2/NDF : 207.2/11

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

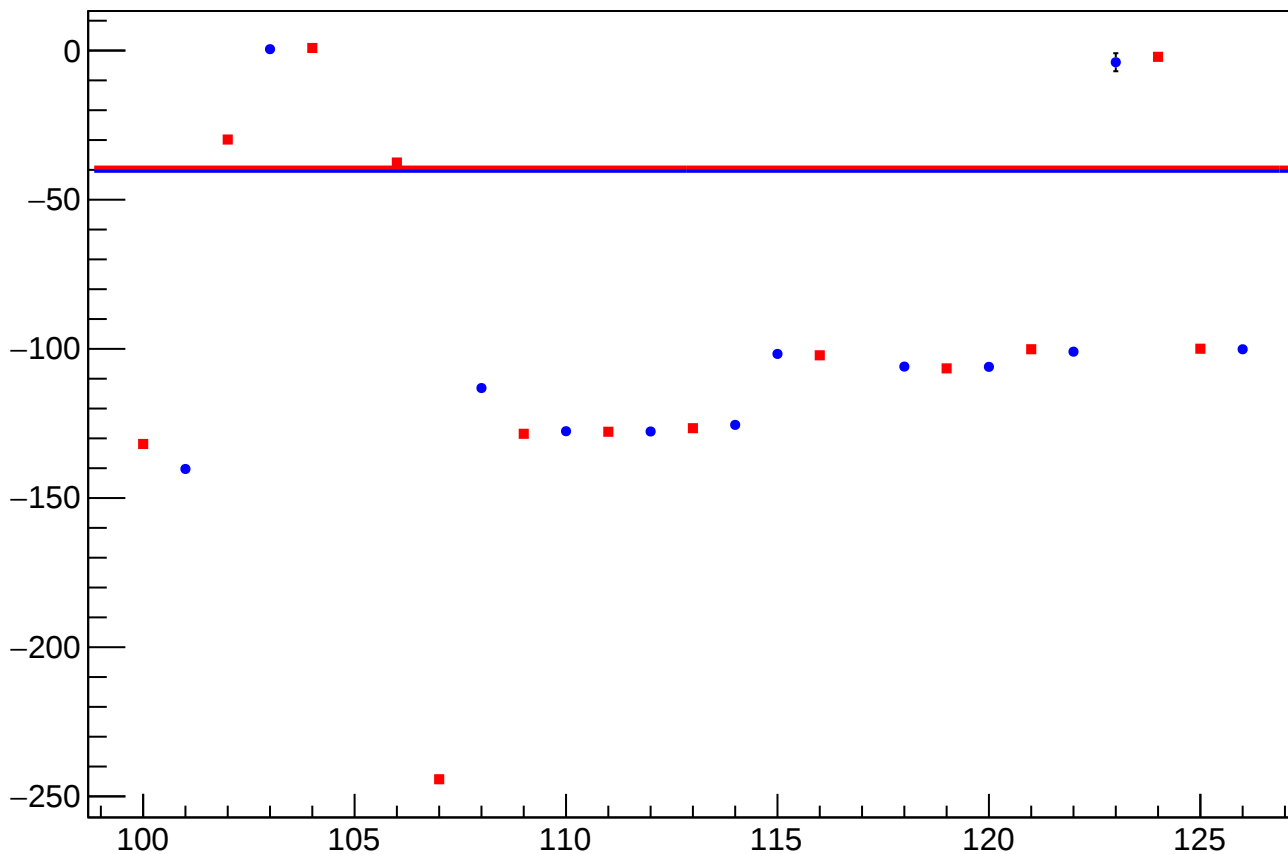
Right: 25.236+/-1.067 χ^2/NDF : 416.2/24

In: 27.249+/-1.517 χ^2/NDF : 207.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.236+/-1.067 χ^2/NDF : 416.2/24

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.316+/-0.068 χ^2/NDF : 675931.9/11

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

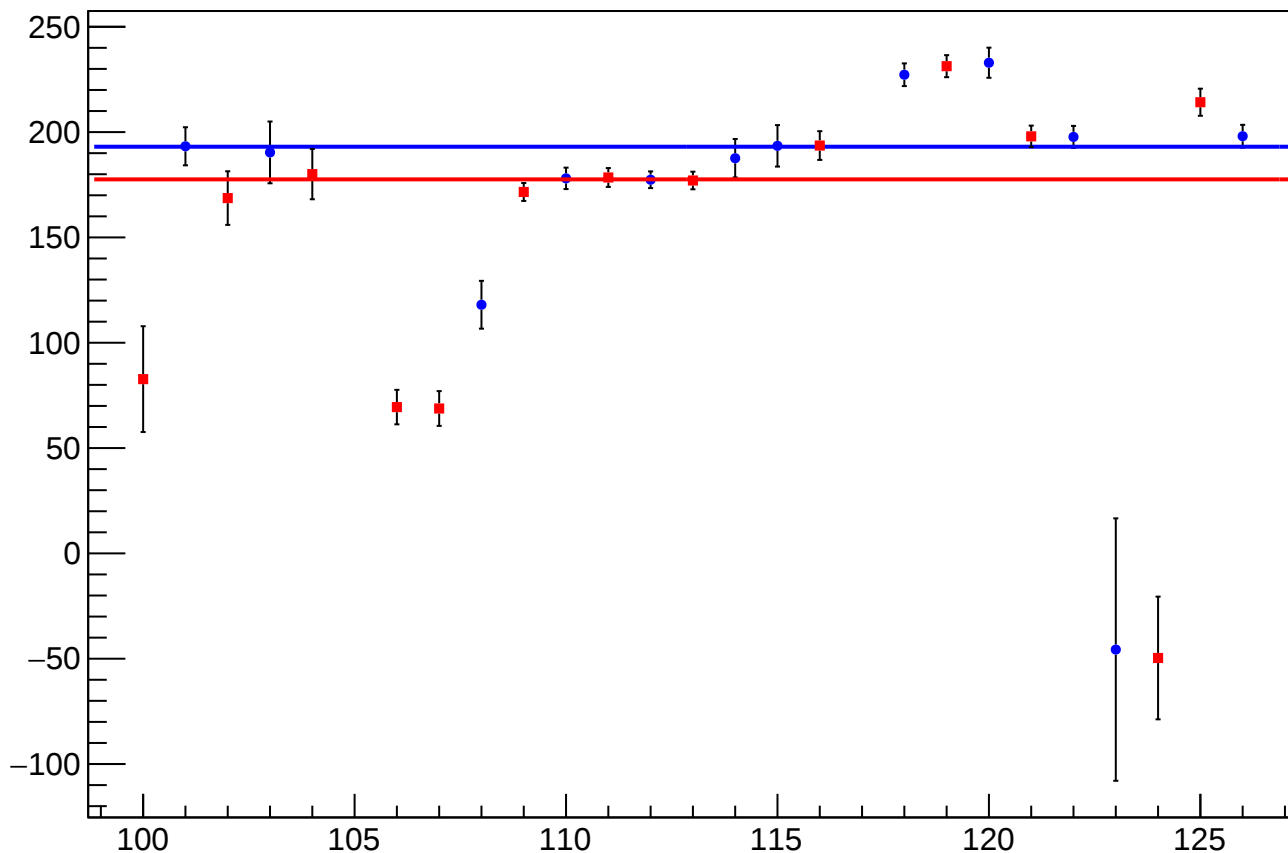
Right: -39.748+/-0.047 χ^2/NDF : 1283608.6/24

In: -40.316+/-0.068 χ^2/NDF : 675931.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.748+/-0.047 χ^2/NDF : 1283608.6/24

reg_asym_atl_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 193.060 $\pm$ 1.909 χ^2 /NDF: 156.1/11

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

Right Out: 177.559 $\pm$ 1.745 χ^2 /NDF: 584.8/12

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

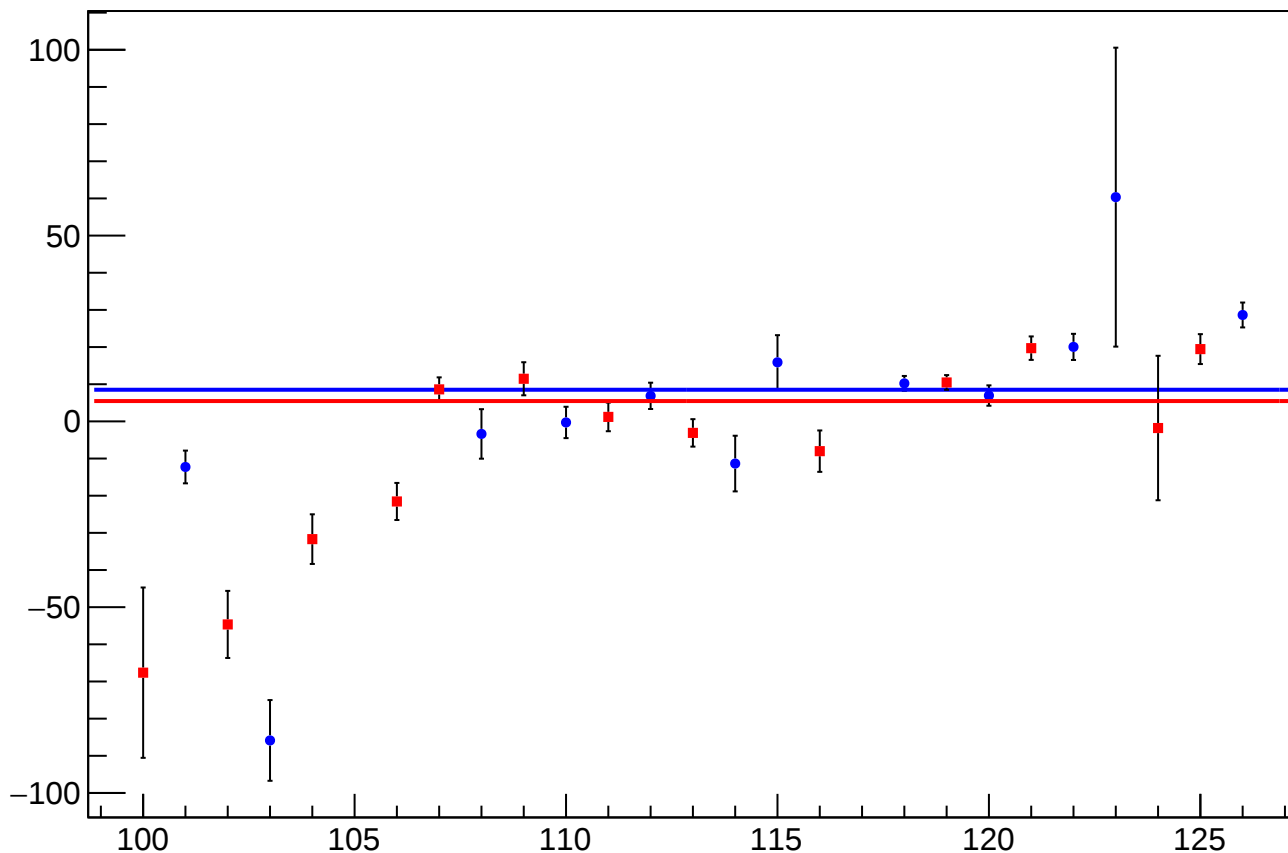
Right: 184.617 $\pm$ 1.288 χ^2 /NDF: 776.8/24

In: 193.060 $\pm$ 1.909 χ^2 /NDF: 156.1/11

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

All: 184.617 $\pm$ 1.288 χ^2 /NDF: 776.8/24

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.514+/-1.112 χ^2/NDF : 163.1/11

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

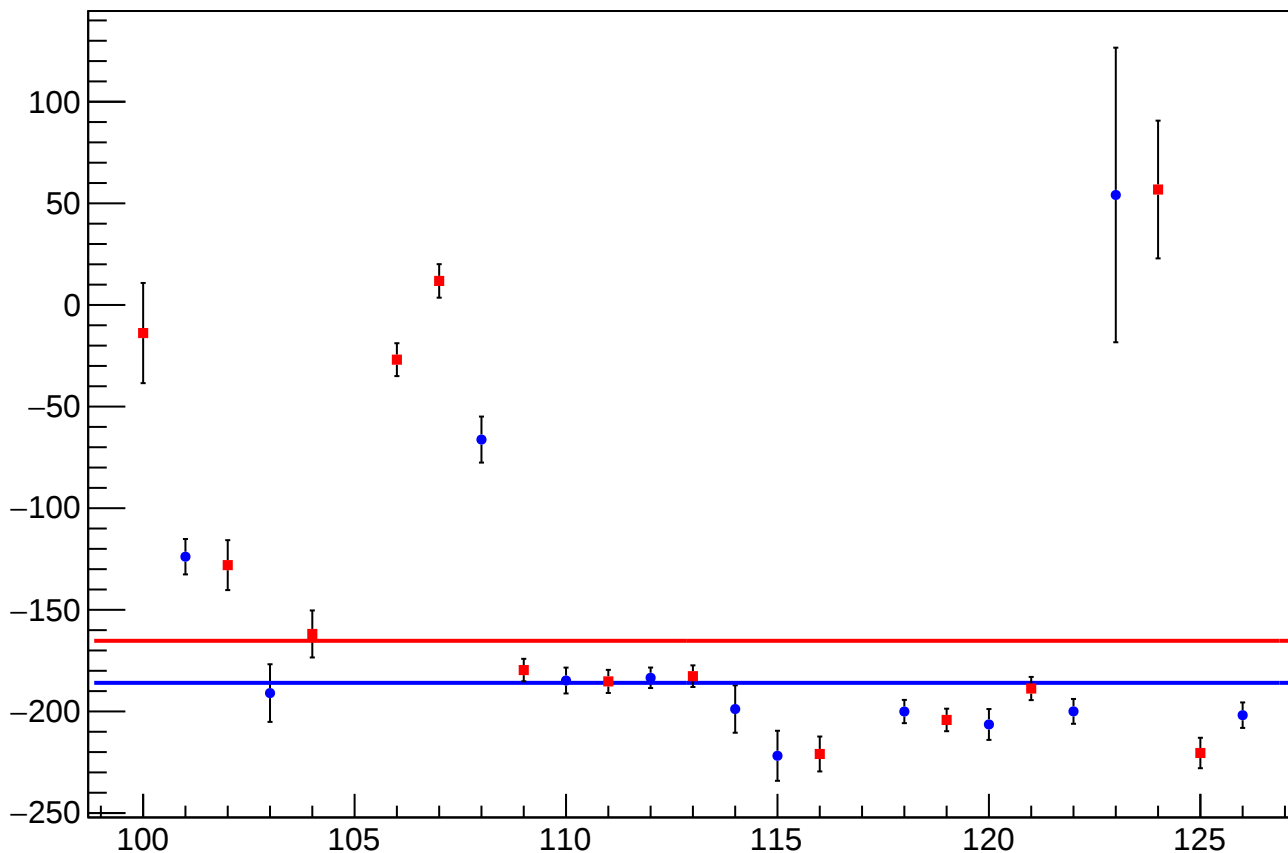
Right: 6.987+/-0.785 χ^2/NDF : 335.7/24

In: 8.514+/-1.112 χ^2/NDF : 163.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.987+/-0.785 χ^2/NDF : 335.7/24

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -185.930+/-2.213 χ^2/NDF : 208.8/11

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

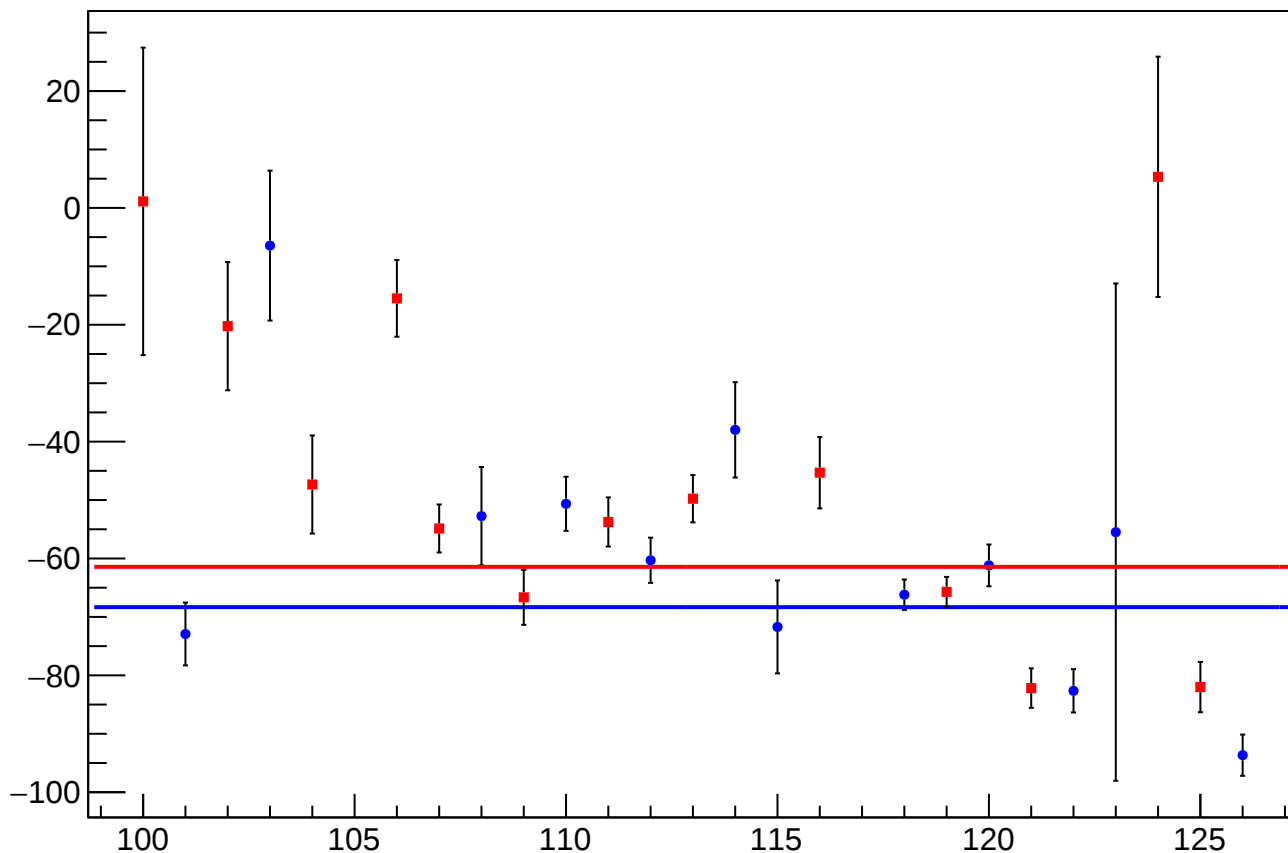
Right: -174.750+/-1.500 χ^2/NDF : 1292.1/24

In: -185.930+/-2.213 χ^2/NDF : 208.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -174.750+/-1.500 χ^2/NDF : 1292.1/24

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -68.328 ± 1.314 $\chi^2/\text{NDF}: 131.6/11$

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

Right Out: -61.431 ± 1.299 $\chi^2/\text{NDF}: 167.8/12$

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

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

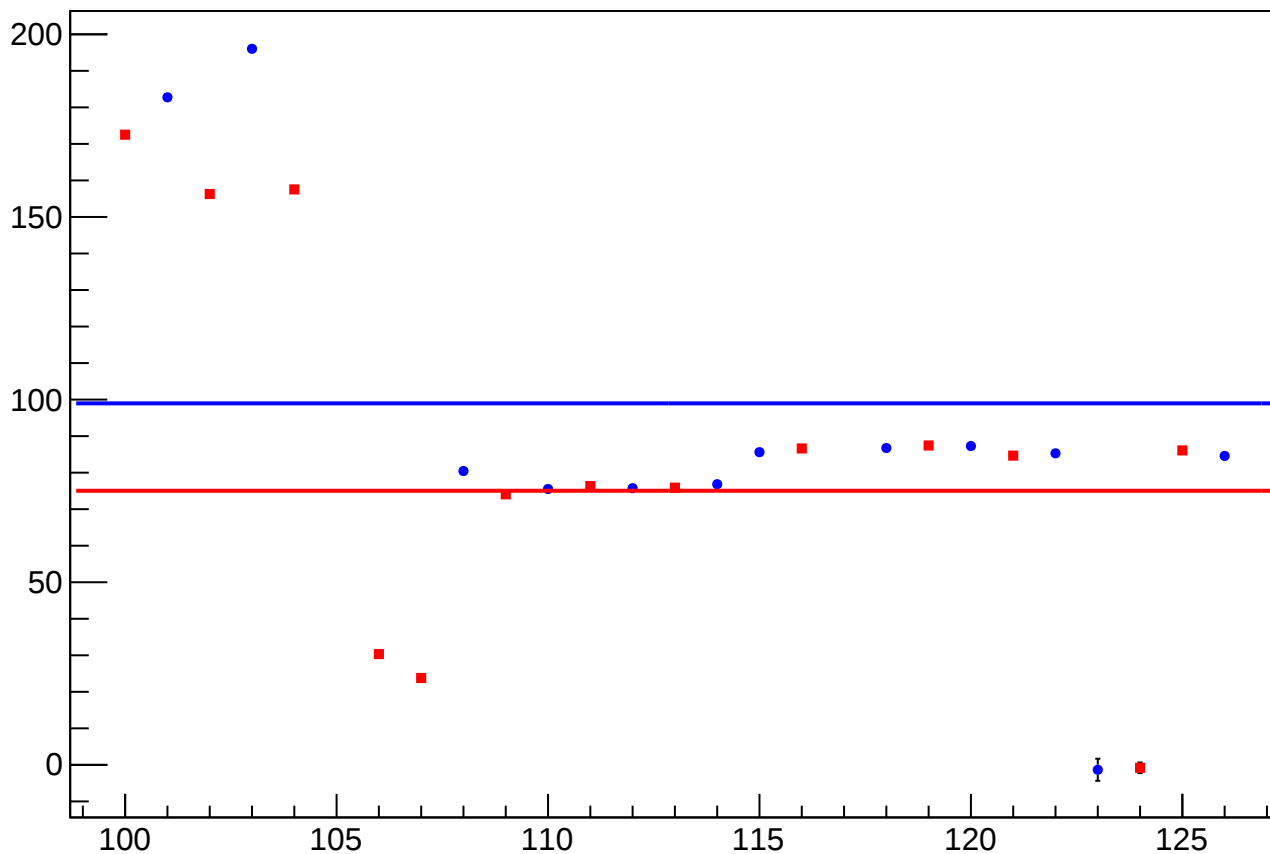
Right: -64.839 ± 0.924 $\chi^2/\text{NDF}: 313.4/24$

In: -68.328 ± 1.314 $\chi^2/\text{NDF}: 131.6/11$

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

All: -64.839 ± 0.924 $\chi^2/\text{NDF}: 313.4/24$

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 98.970+/-0.089 χ^2/NDF : 197962.8/11

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

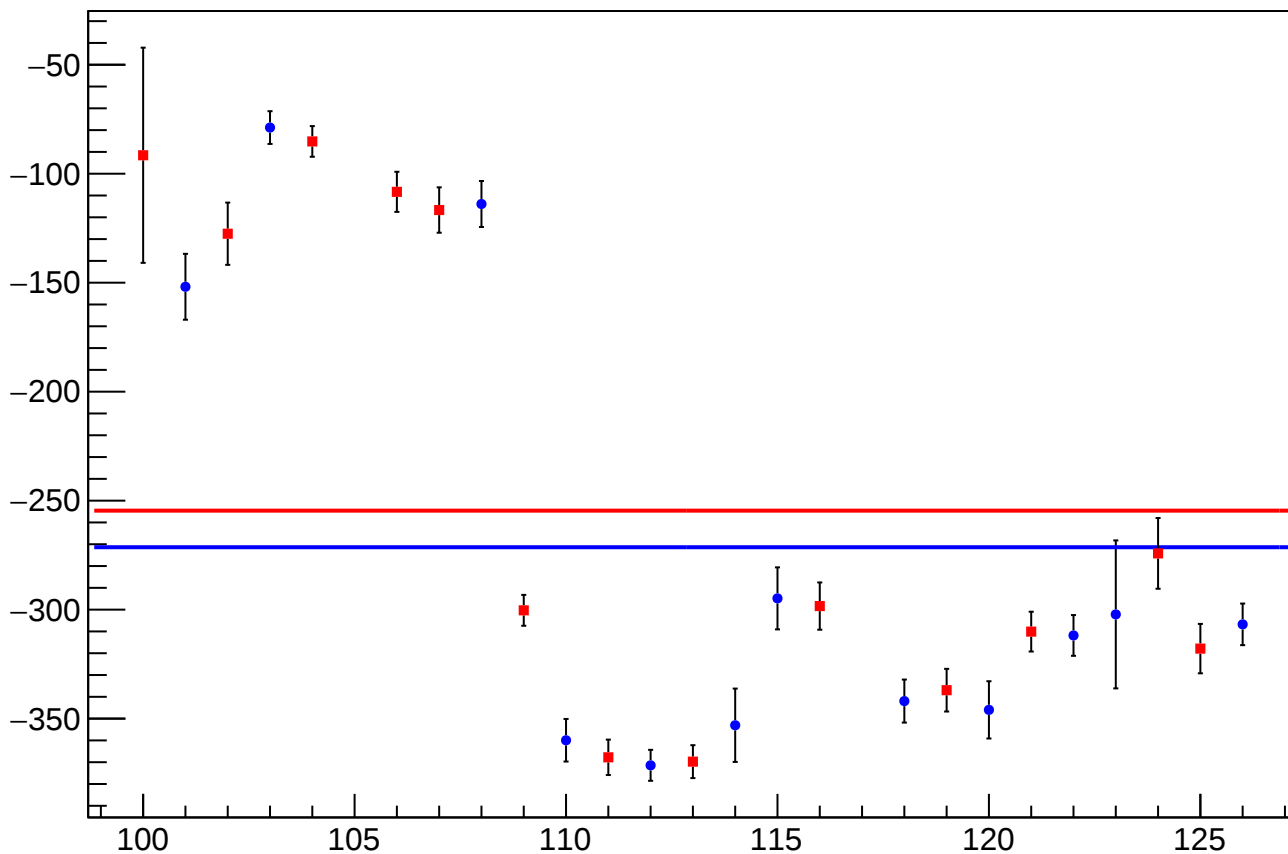
Right: 85.078+/-0.058 χ^2/NDF : 545493.1/24

In: 98.970+/-0.089 χ^2/NDF : 197962.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.078+/-0.058 χ^2/NDF : 545493.1/24

reg_asym_atr_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -271.368+/-3.026 χ^2/NDF : 1366.5/11

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

Right Out: -254.580+/-2.657 χ^2/NDF : 1723.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

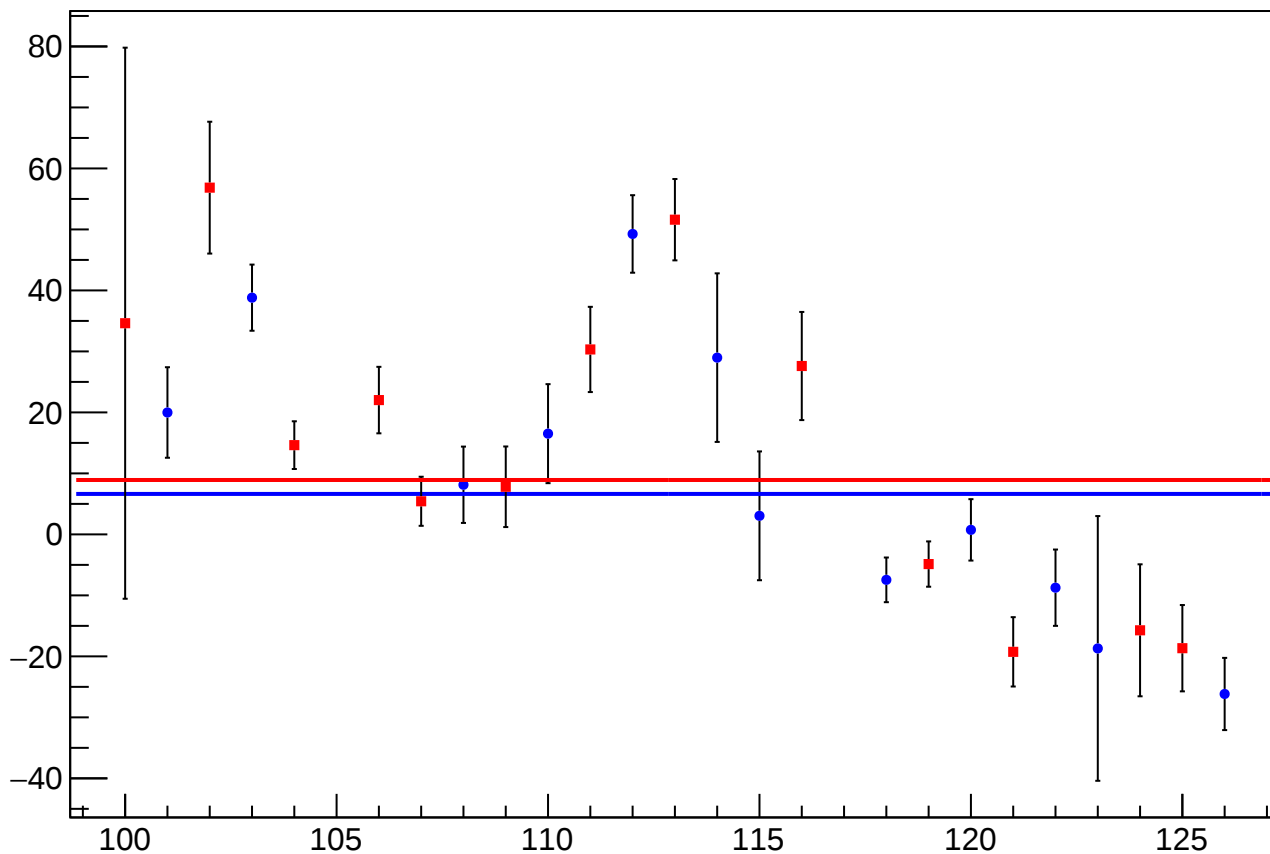
Right: -261.888+/-1.996 χ^2/NDF : 3107.1/24

In: -271.368+/-3.026 χ^2/NDF : 1366.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -261.888+/-1.996 χ^2/NDF : 3107.1/24

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.633+/-1.820 χ^2/NDF : 142.0/11

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

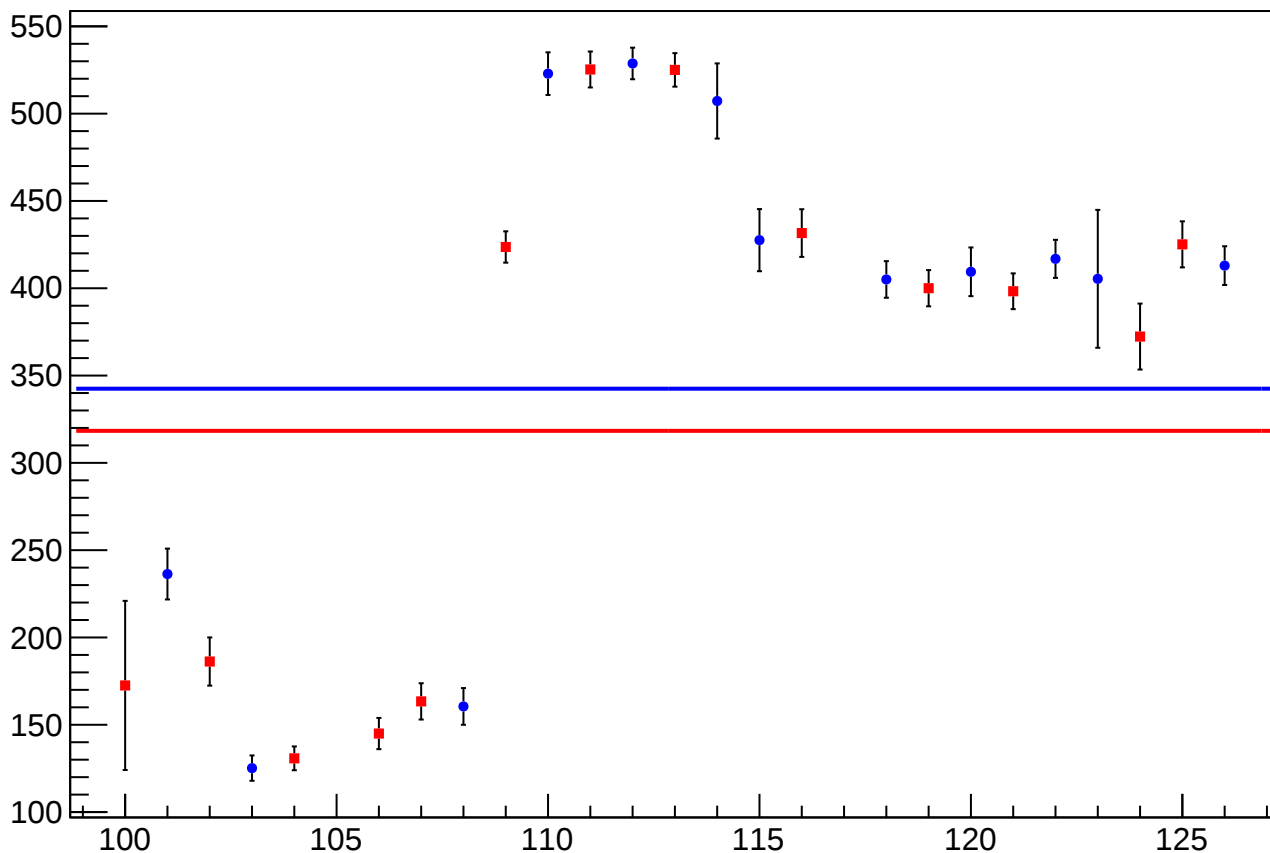
Right: 7.907+/-1.211 χ^2/NDF : 285.0/24

In: 6.633+/-1.820 χ^2/NDF : 142.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.907+/-1.211 χ^2/NDF : 285.0/24

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 342.477+/-3.363 χ^2/NDF : 2119.7/11

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

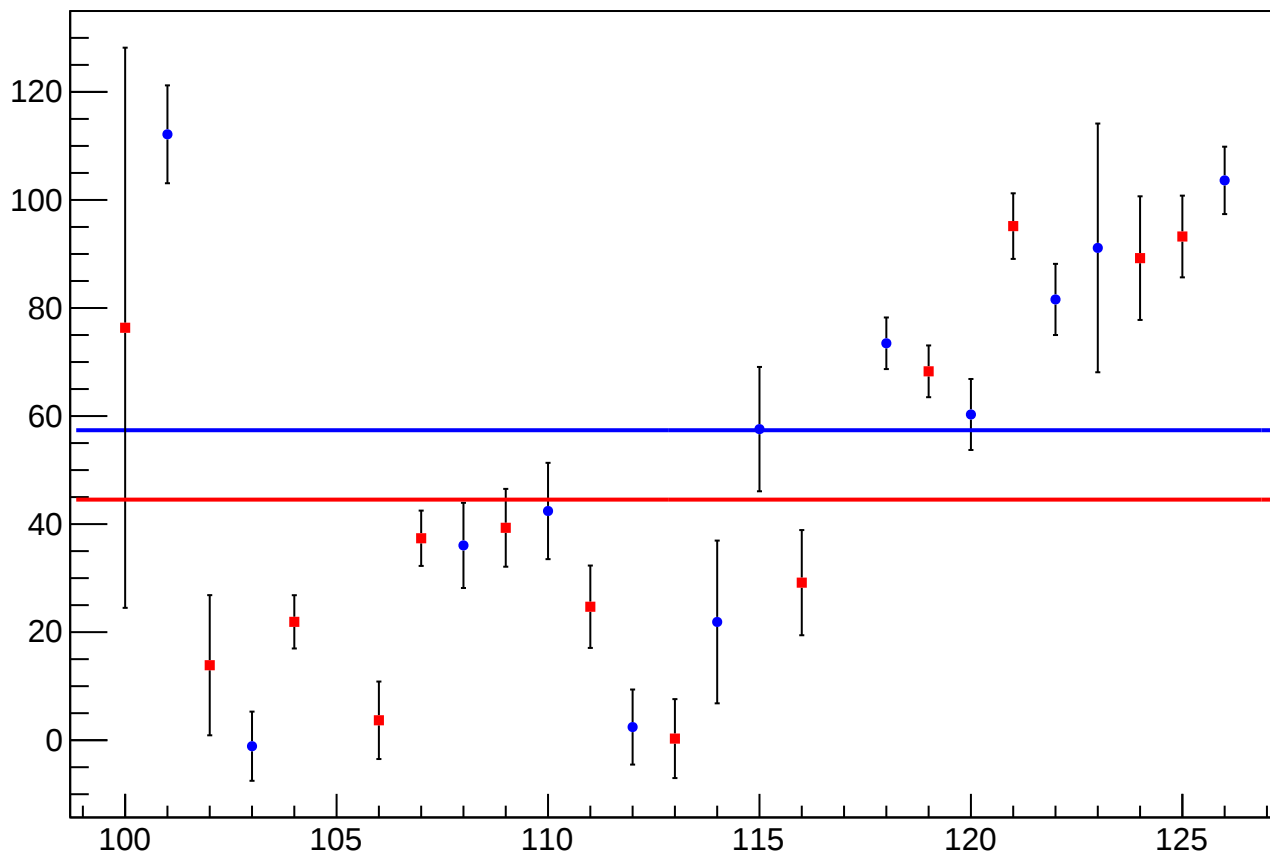
Right: 328.861+/-2.220 χ^2/NDF : 4876.6/24

In: 342.477+/-3.363 χ^2/NDF : 2119.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.861+/-2.220 χ^2/NDF : 4876.6/24

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 57.377+/-2.154 χ^2/NDF : 280.4/11

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

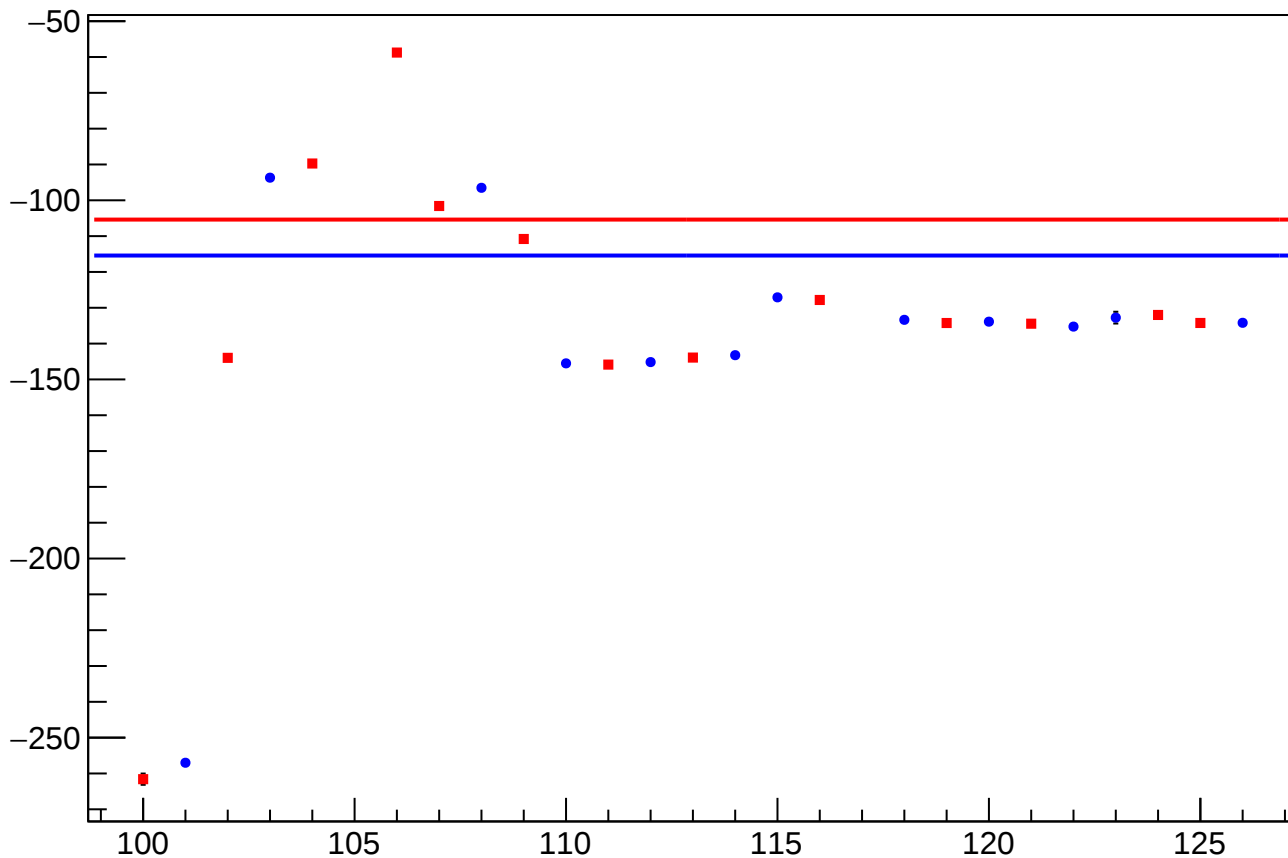
Right: 50.275+/-1.440 χ^2/NDF : 558.7/24

In: 57.377+/-2.154 χ^2/NDF : 280.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.275+/-1.440 χ^2/NDF : 558.7/24

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -115.419+/-0.107 χ^2/NDF : 111918.5/11

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

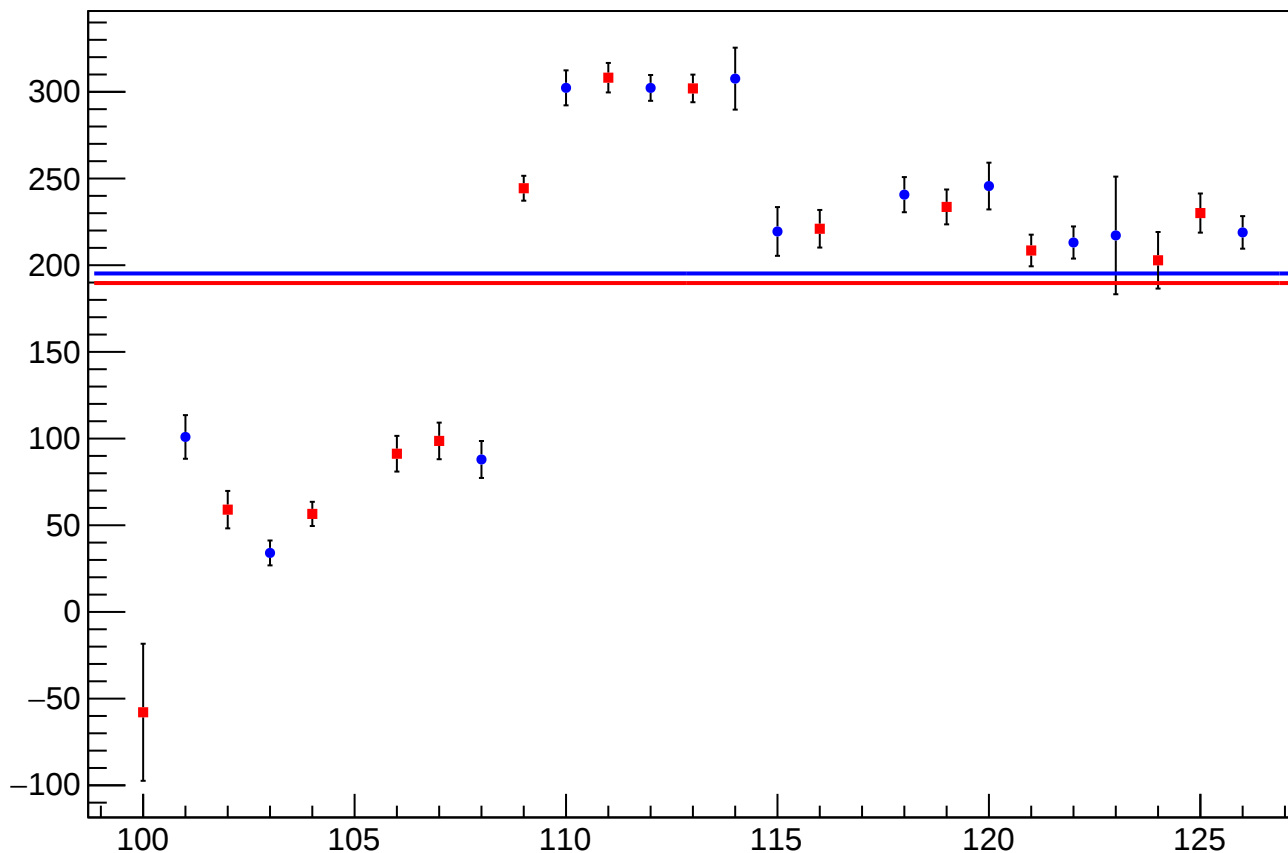
Right: -109.779+/-0.071 χ^2/NDF : 213332.8/24

In: -115.419+/-0.107 χ^2/NDF :111918.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -109.779+/-0.071 χ^2/NDF : 213332.8/24

reg_asym_atr_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 195.236+/-3.020 χ^2/NDF : 1067.9/11

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

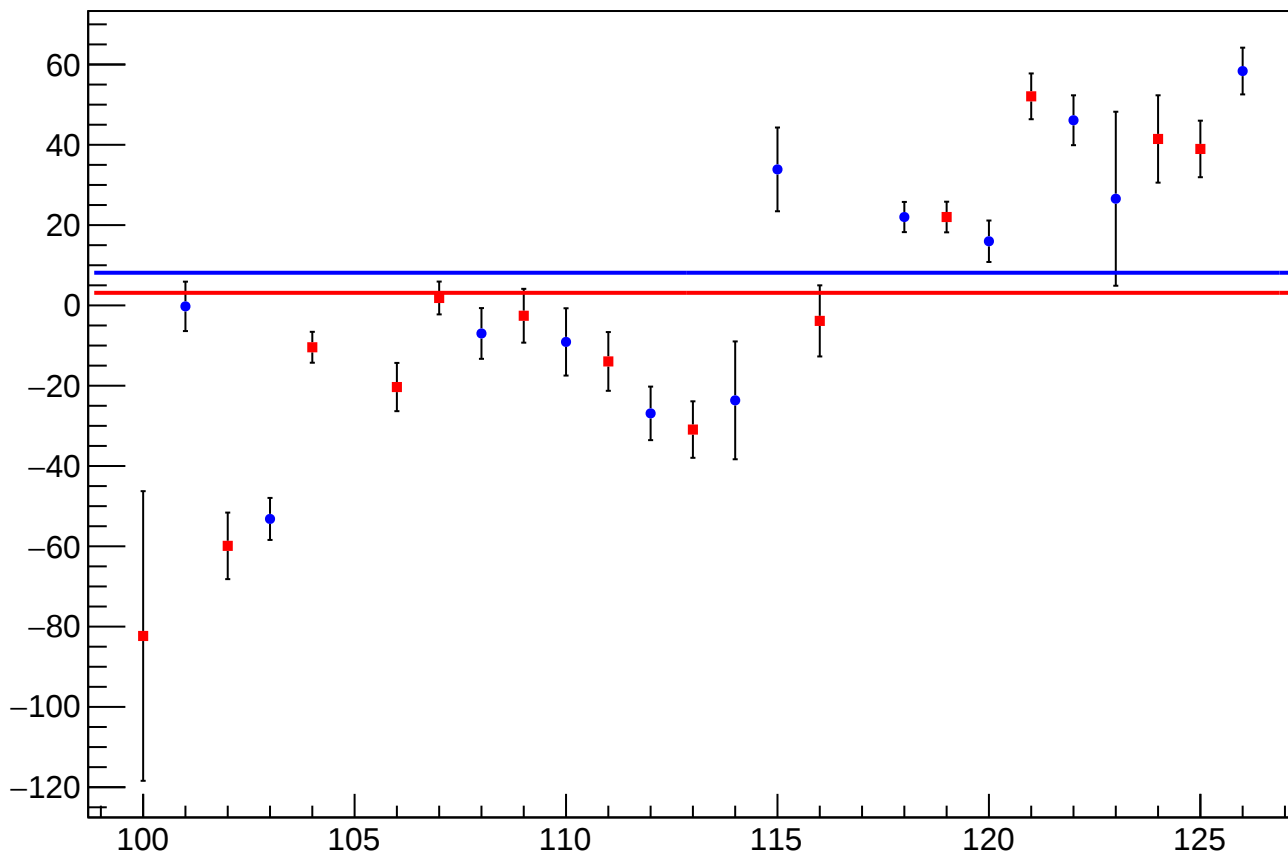
Right: 192.144+/-2.005 χ^2/NDF : 2281.3/24

In: 195.236+/-3.020 χ^2/NDF : 1067.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.144+/-2.005 χ^2/NDF : 2281.3/24

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.134+/-1.813 χ^2/NDF : 316.0/11

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

Right Out: 3.133+/-1.639 χ^2/NDF : 258.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

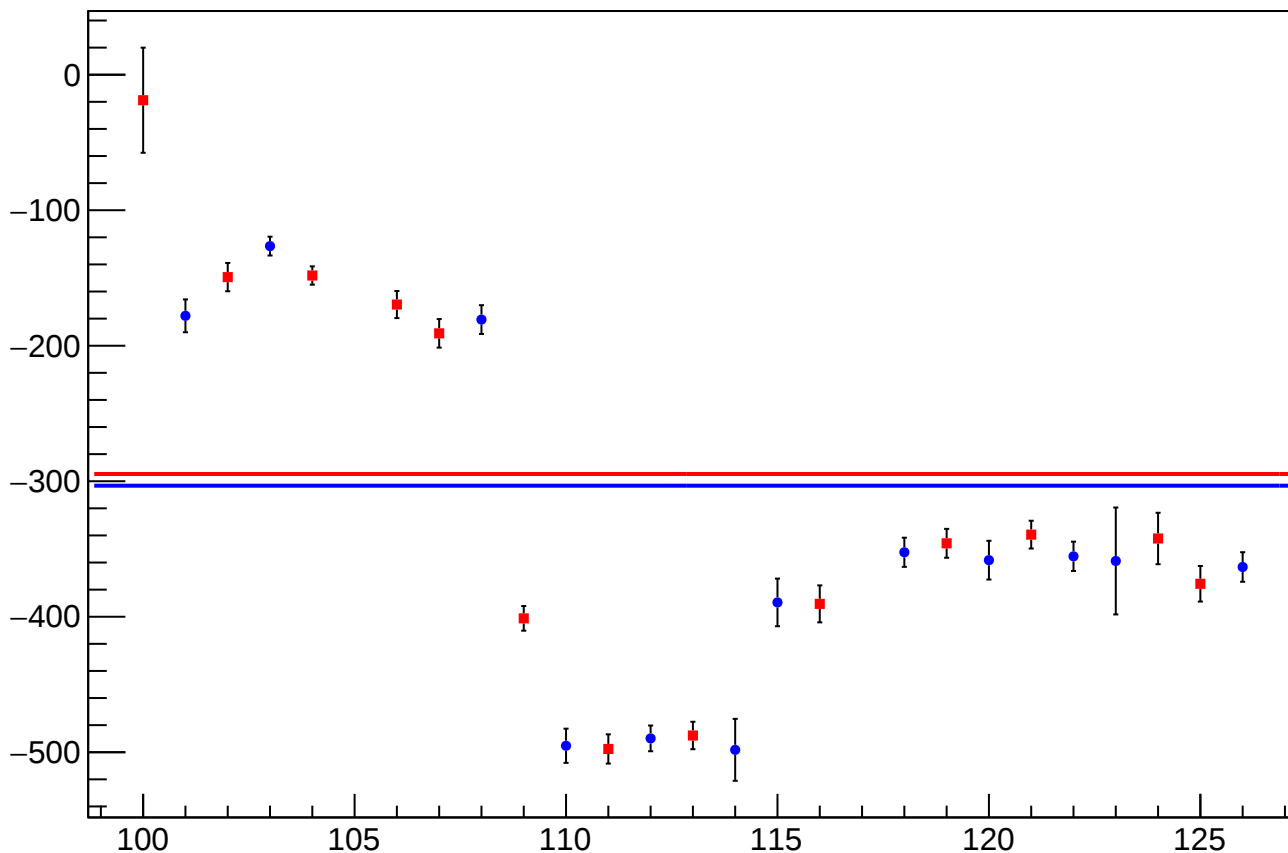
Right: 5.382+/-1.216 χ^2/NDF : 578.2/24

In: 8.134+/-1.813 χ^2/NDF : 316.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.382+/-1.216 χ^2/NDF : 578.2/24

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -303.290+/-3.332 χ^2/NDF : 1694.1/11

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

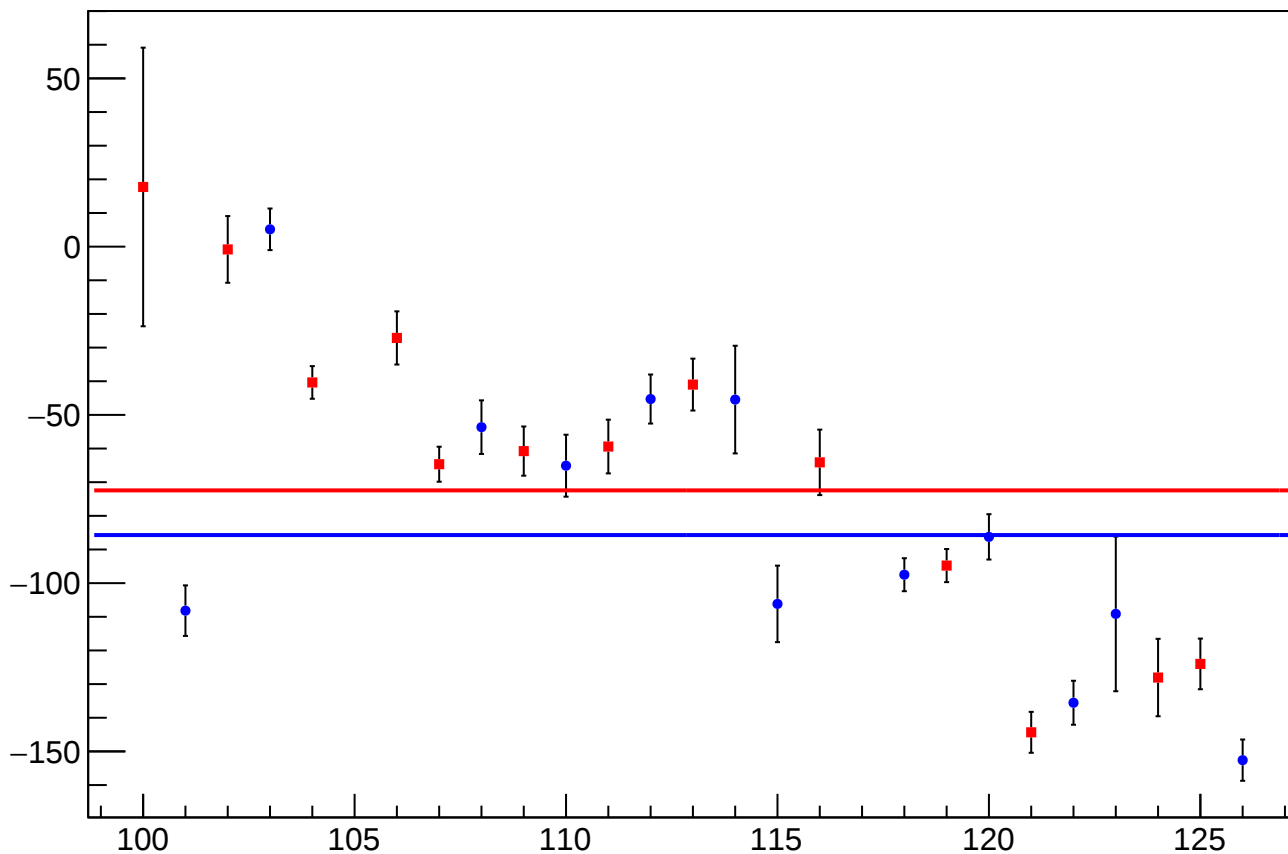
Right: -298.469+/-2.217 χ^2/NDF : 3656.2/24

In: -303.290+/-3.332 χ^2/NDF : 1694.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -298.469+/-2.217 χ^2/NDF : 3656.2/24

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -85.711+/-2.144 χ^2/NDF : 470.6/11

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

Right Out: -72.433+/-1.955 χ^2/NDF : 389.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

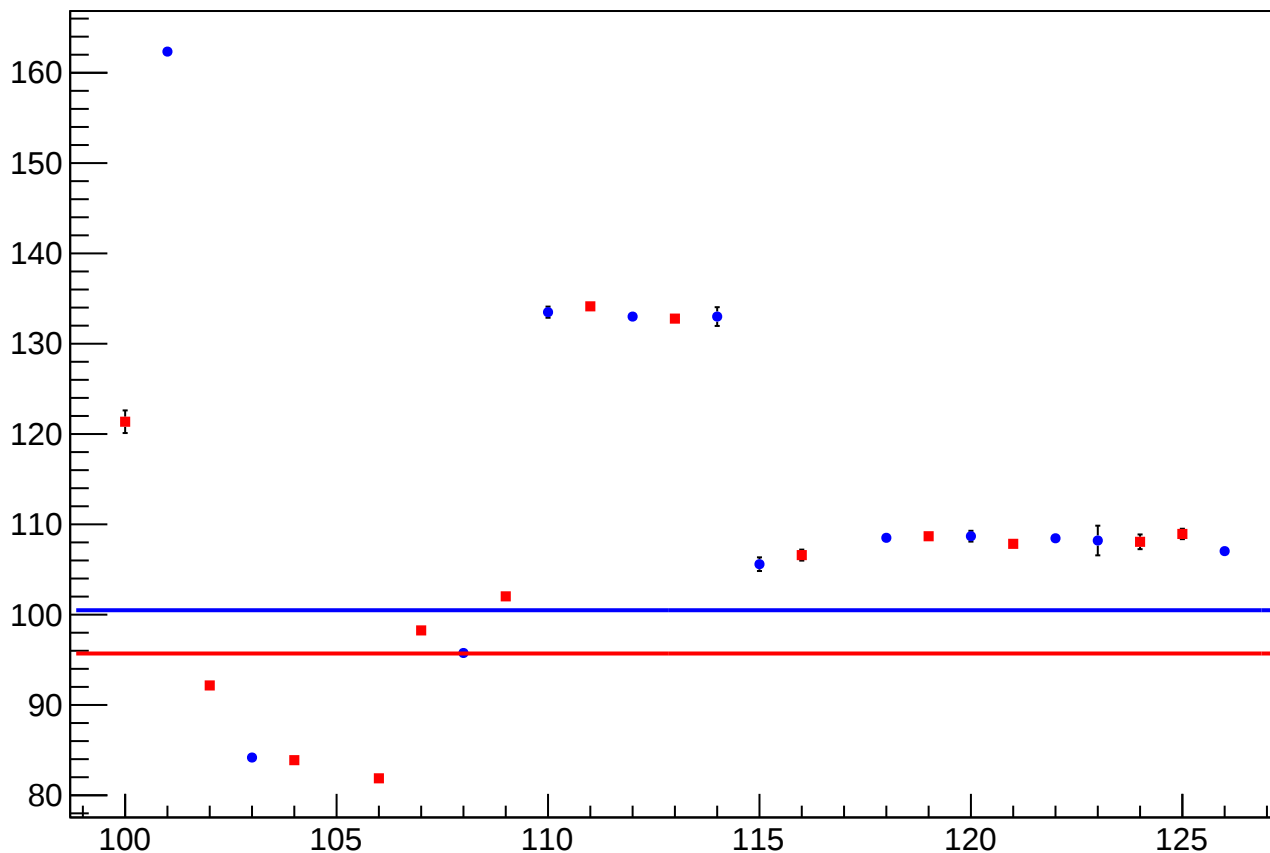
Right: -78.460+/-1.445 χ^2/NDF : 880.5/24

In: -85.711+/-2.144 χ^2/NDF : 470.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -78.460+/-1.445 χ^2/NDF : 880.5/24

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 100.490+/-0.105 χ^2/NDF : 41974.0/11

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

Right Out: 95.698+/-0.093 χ^2/NDF : 23319.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

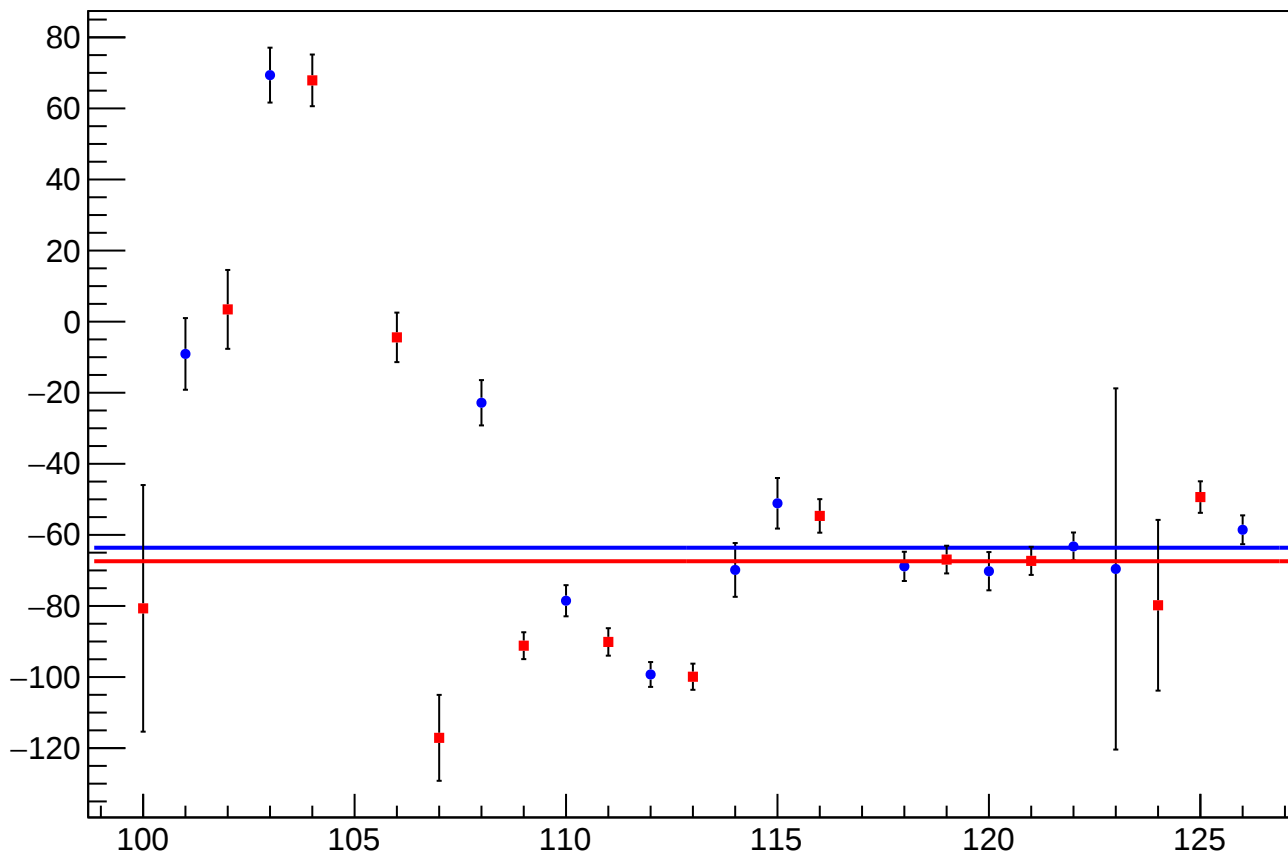
Right: 97.812+/-0.069 χ^2/NDF : 66466.0/24

In: 100.490+/-0.105 χ^2/NDF : 41974.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.812+/-0.069 χ^2/NDF : 66466.0/24

reg_asym_at1_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -63.613+/-1.504 χ^2/NDF : 490.8/11

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

Right Out: -67.414+/-1.423 χ^2/NDF : 662.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

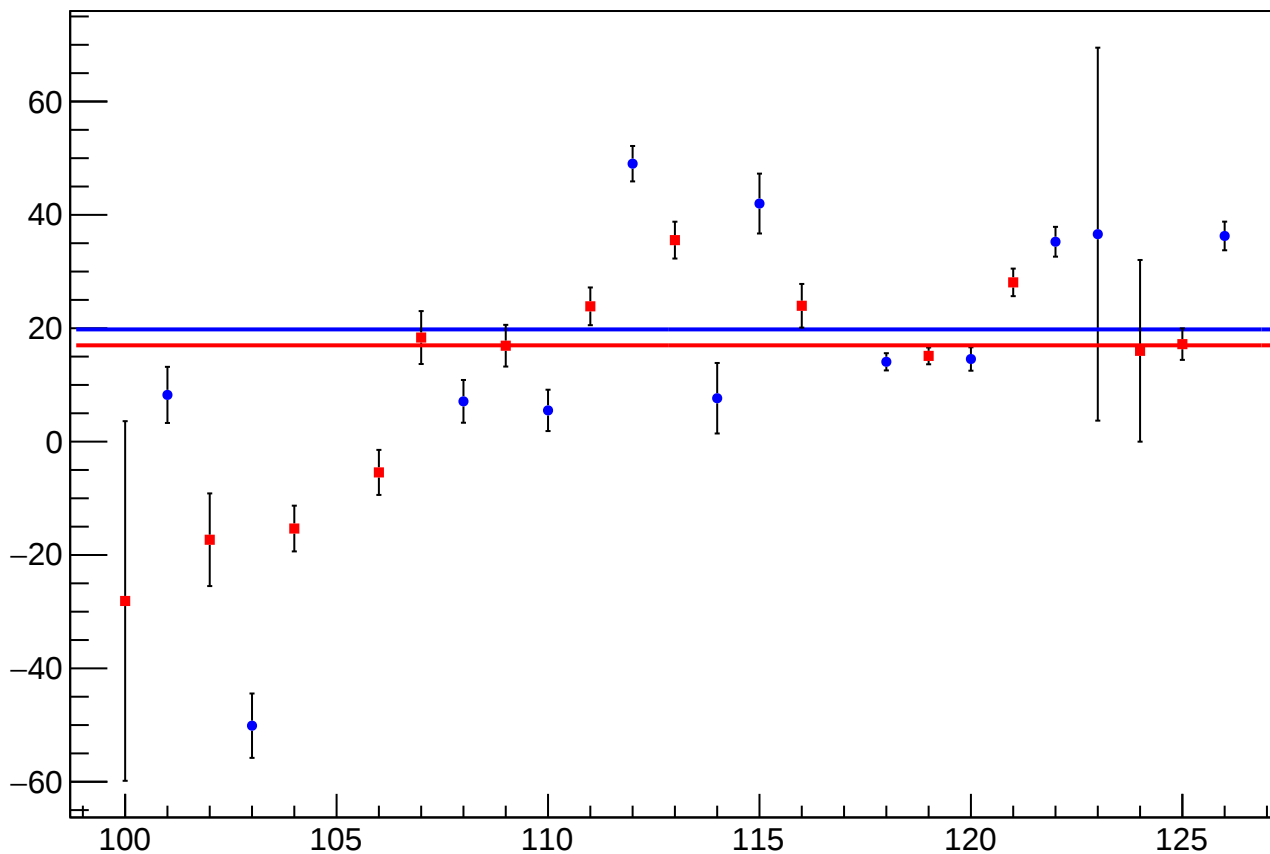
Right: -65.619+/-1.034 χ^2/NDF : 1156.3/24

In: -63.613+/-1.504 χ^2/NDF : 490.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.619+/-1.034 χ^2/NDF : 1156.3/24

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.795+/-0.860 χ^2/NDF : 390.7/11

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

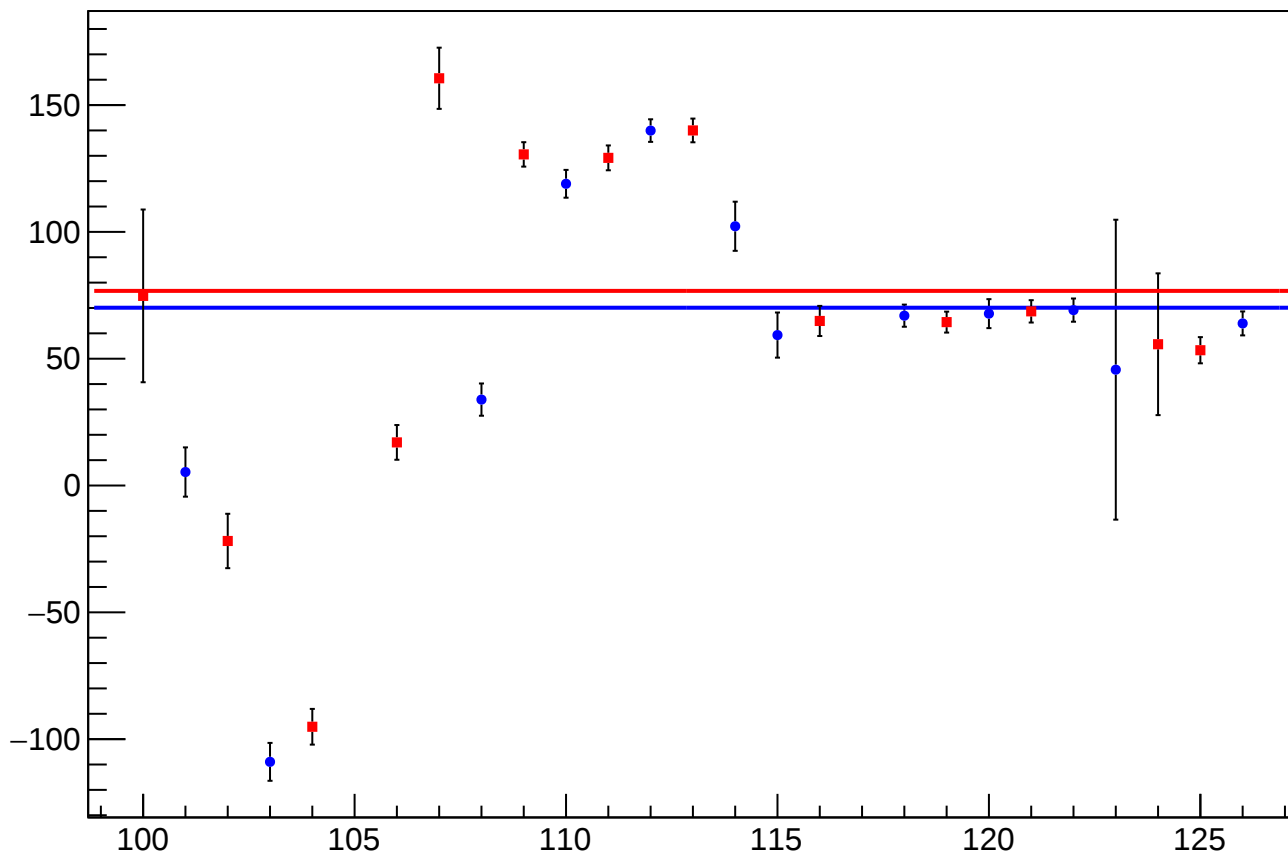
Right: 18.433+/-0.617 χ^2/NDF : 574.3/24

In: 19.795+/-0.860 χ^2/NDF : 390.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.433+/-0.617 χ^2/NDF : 574.3/24

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 70.103+/-1.724 χ^2/NDF : 992.3/11

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

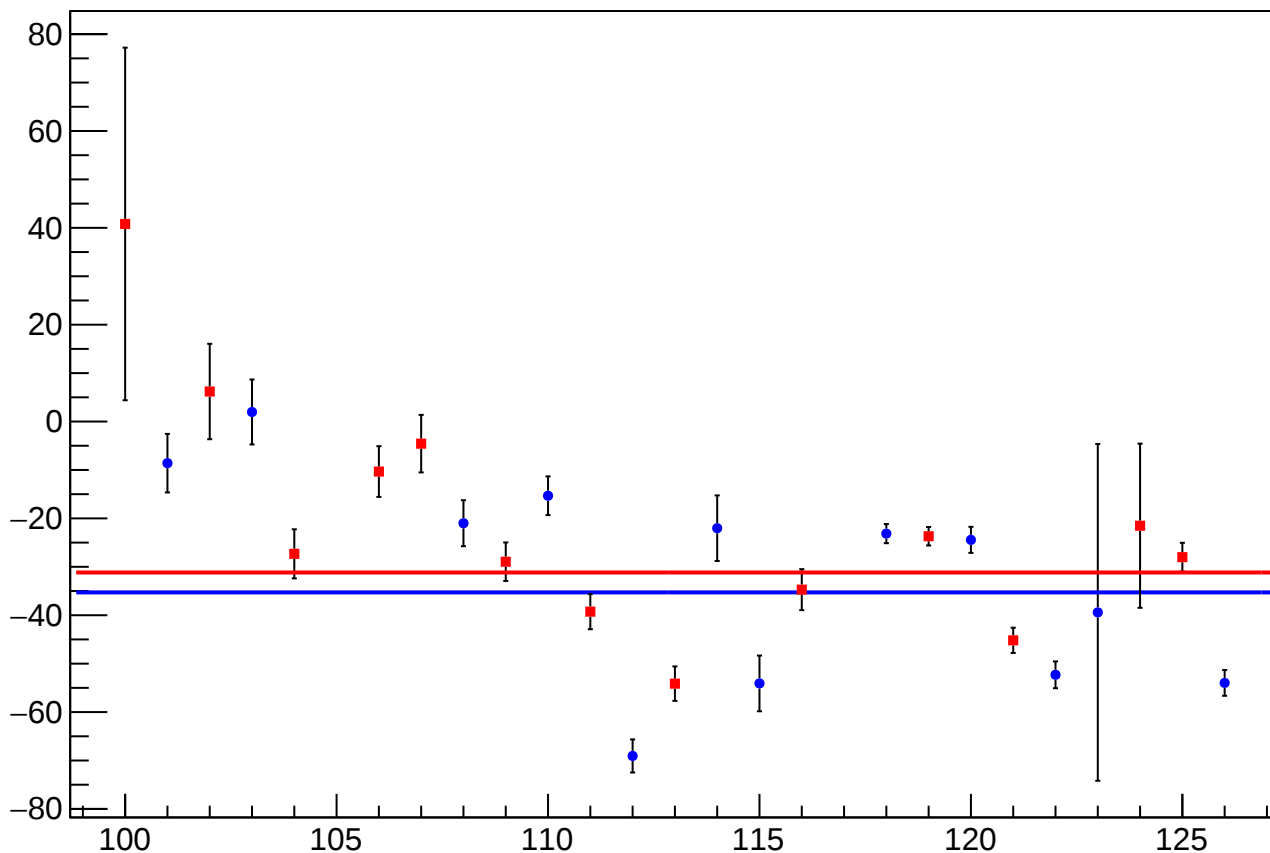
Right: 73.560+/-1.193 χ^2/NDF : 2264.8/24

In: 70.103+/-1.724 χ^2/NDF : 992.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.560+/-1.193 χ^2/NDF : 2264.8/24

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -35.282 ± 1.020 χ^2/NDF : 337.7/11

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

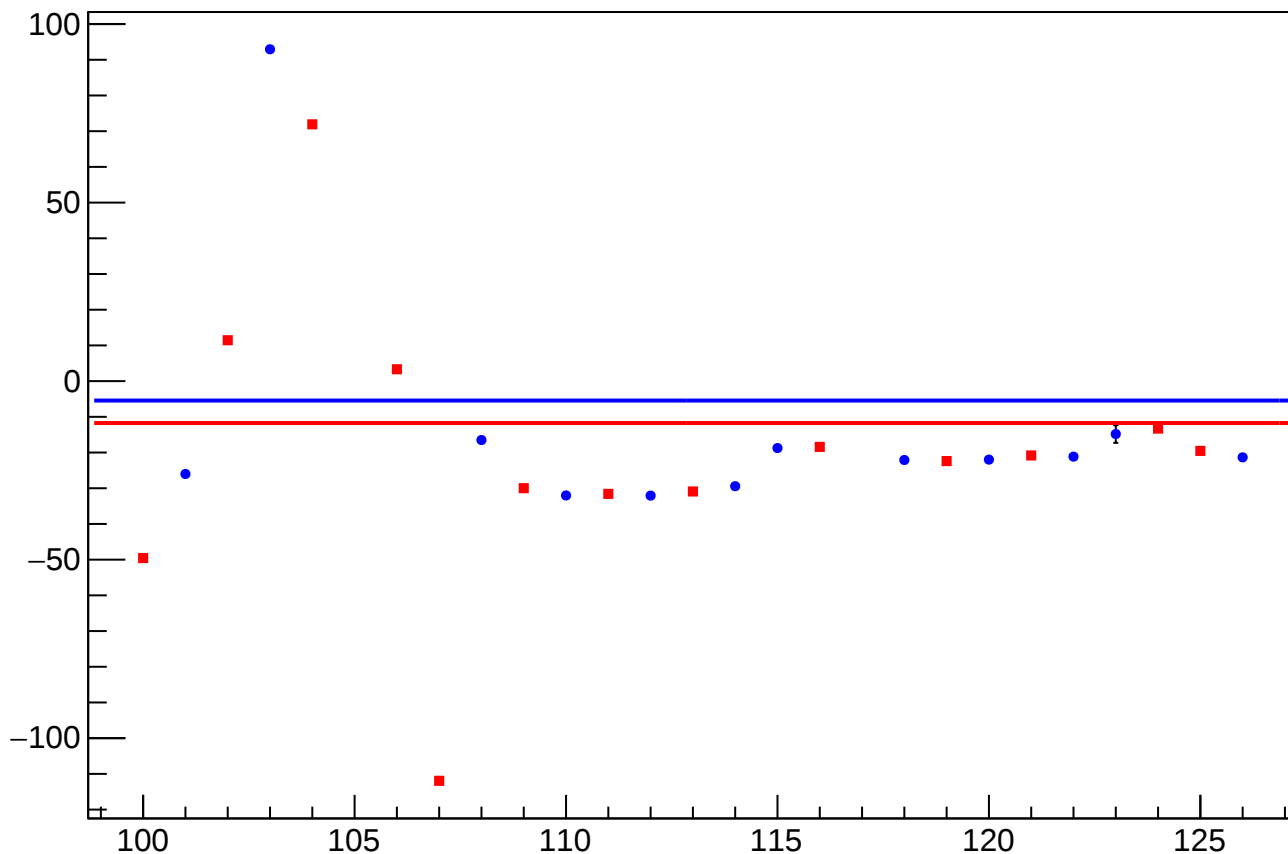
Right: -33.261 ± 0.728 χ^2/NDF : 493.8/24

In: -35.282 ± 1.020 χ^2/NDF : 337.7/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -33.261 ± 0.728 χ^2/NDF : 493.8/24

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -5.439+/-0.065 χ^2/NDF : 410872.6/11

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

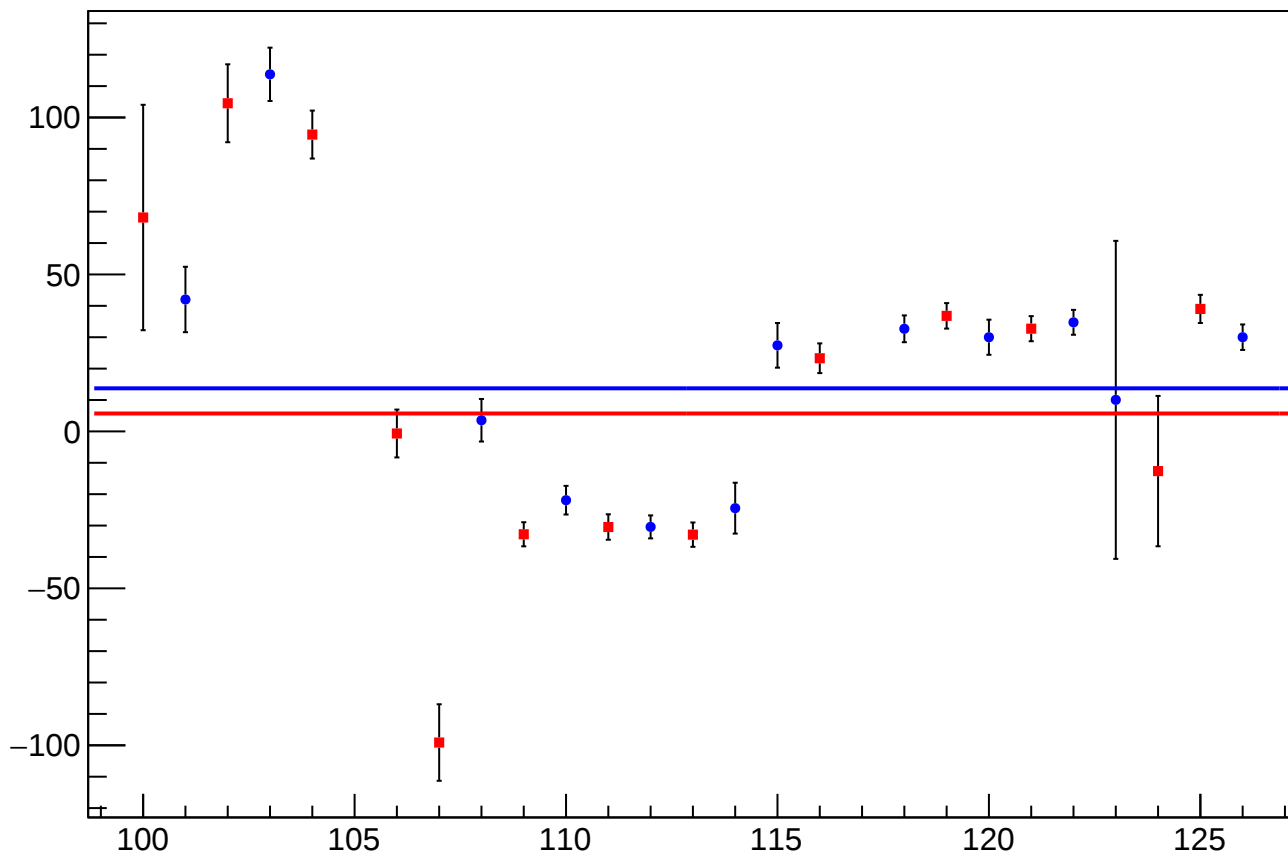
Right: -8.665+/-0.045 χ^2/NDF : 814058.9/24

In: -5.439+/-0.065 χ^2/NDF :410872.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -8.665+/-0.045 χ^2/NDF : 814058.9/24

reg_asym_at1_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 13.720+/-1.554 χ^2/NDF : 453.1/11

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

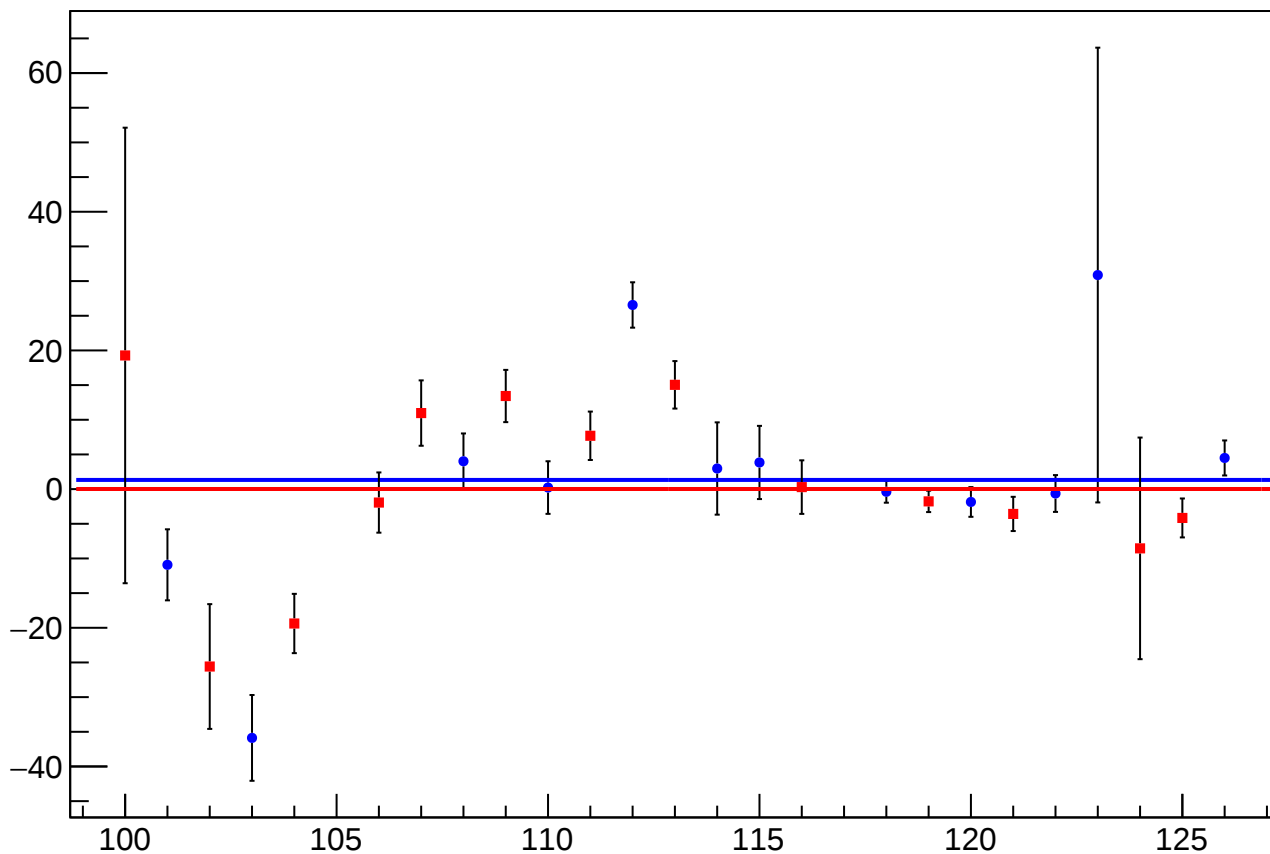
Right: 9.490+/-1.068 χ^2/NDF : 1196.3/24

In: 13.720+/-1.554 χ^2/NDF : 453.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.490+/-1.068 χ^2/NDF : 1196.3/24

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.325+/-0.888 χ^2/NDF : 108.4/11

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

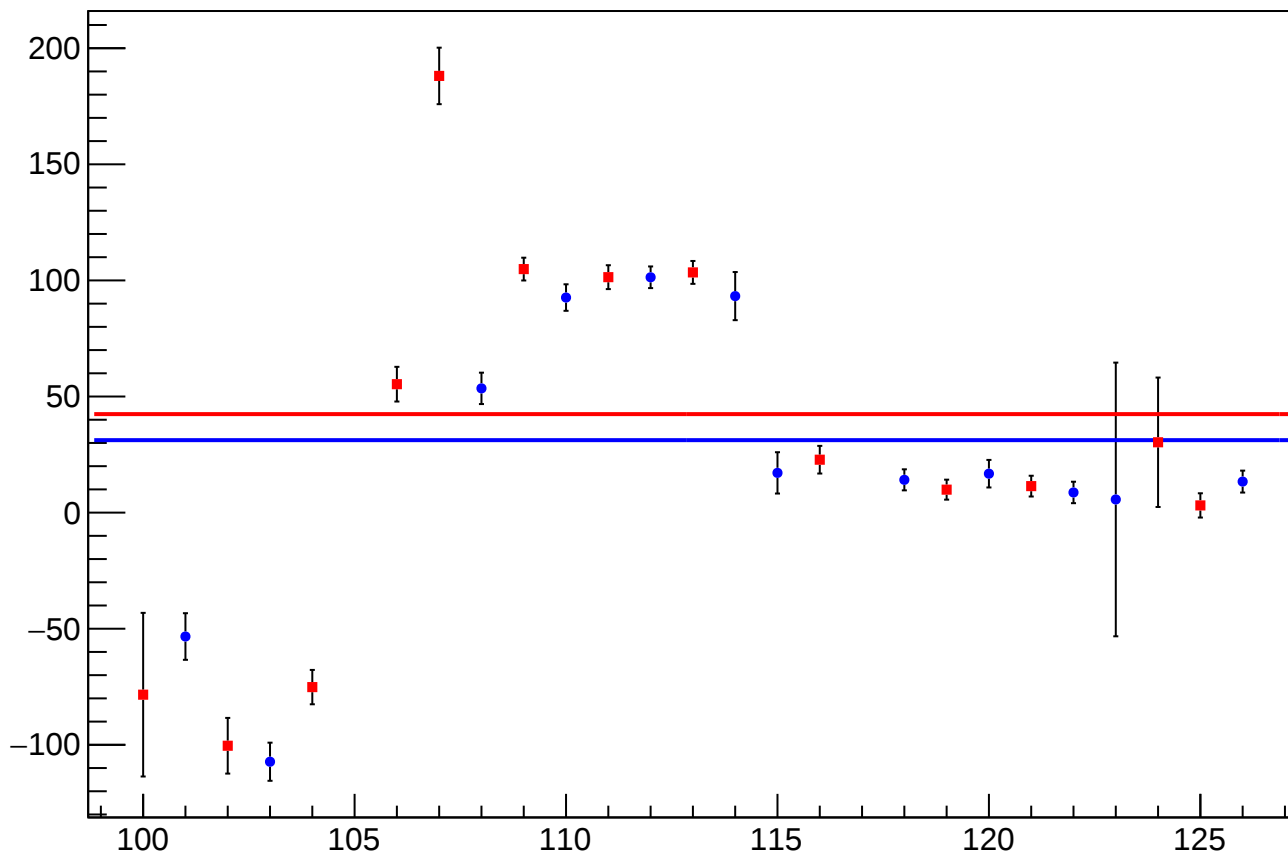
Right: 0.693+/-0.638 χ^2/NDF : 186.8/24

In: 1.325+/-0.888 χ^2/NDF : 108.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.693+/-0.638 χ^2/NDF : 186.8/24

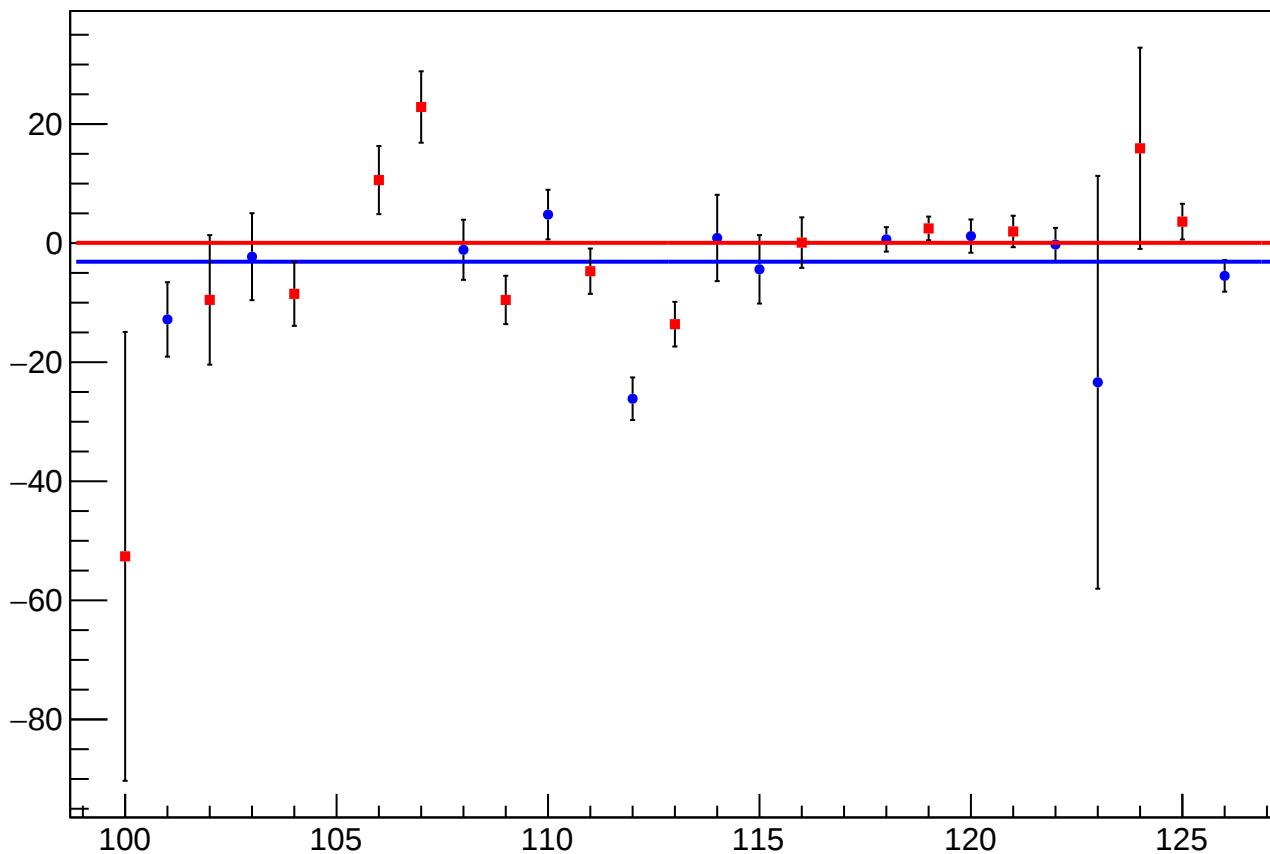
reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 31.209+/-1.783 χ^2/NDF : 805.2/11
 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: 37.046+/-1.235 χ^2/NDF : 1998.4/24
 In: 31.209+/-1.783 χ^2/NDF : 805.2/11
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 37.046+/-1.235 χ^2/NDF : 1998.4/24

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -3.120+/-1.052 χ^2/NDF : 55.8/11

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

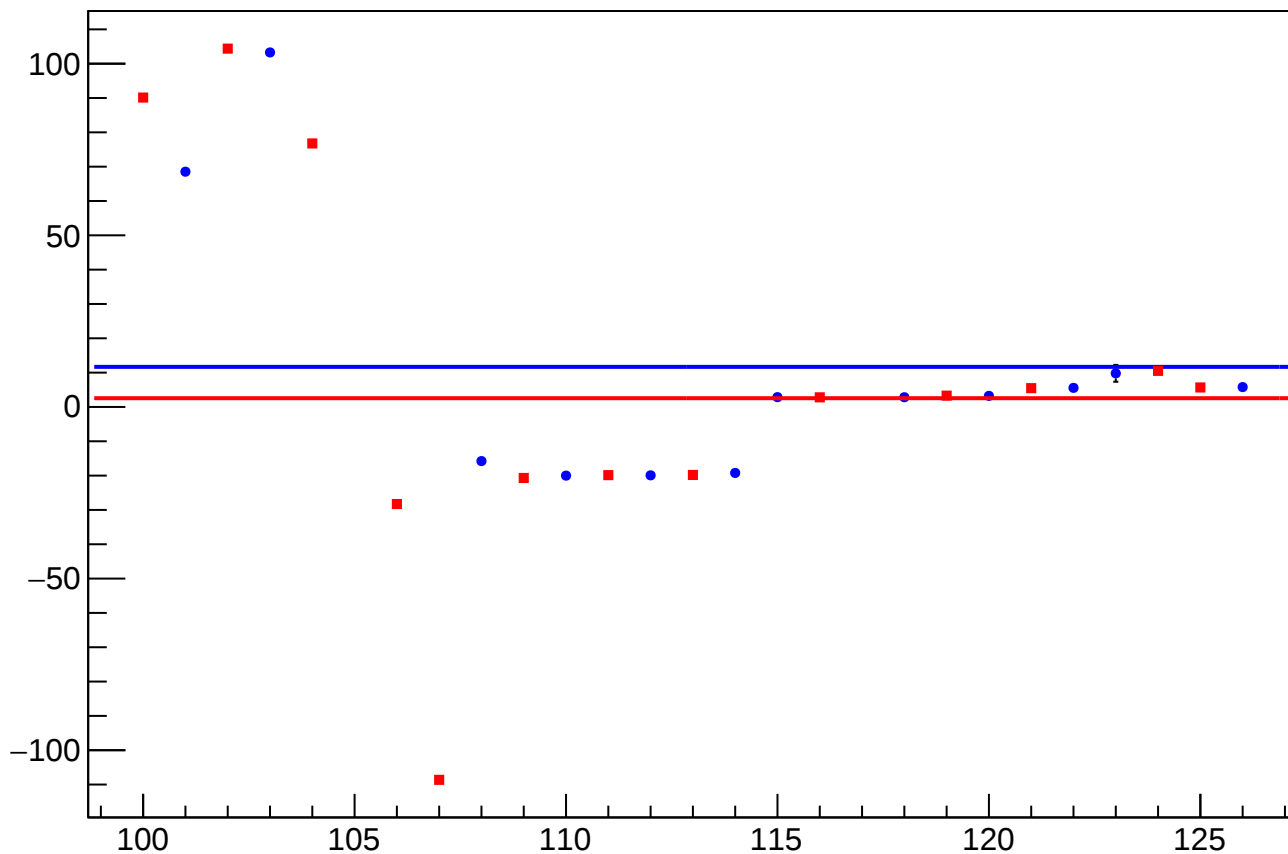
Right: -1.568+/-0.751 χ^2/NDF : 108.1/24

In: -3.120+/-1.052 χ^2/NDF : 55.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.568+/-0.751 χ^2/NDF : 108.1/24

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 11.678+/-0.067 χ^2/NDF : 348695.5/11

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

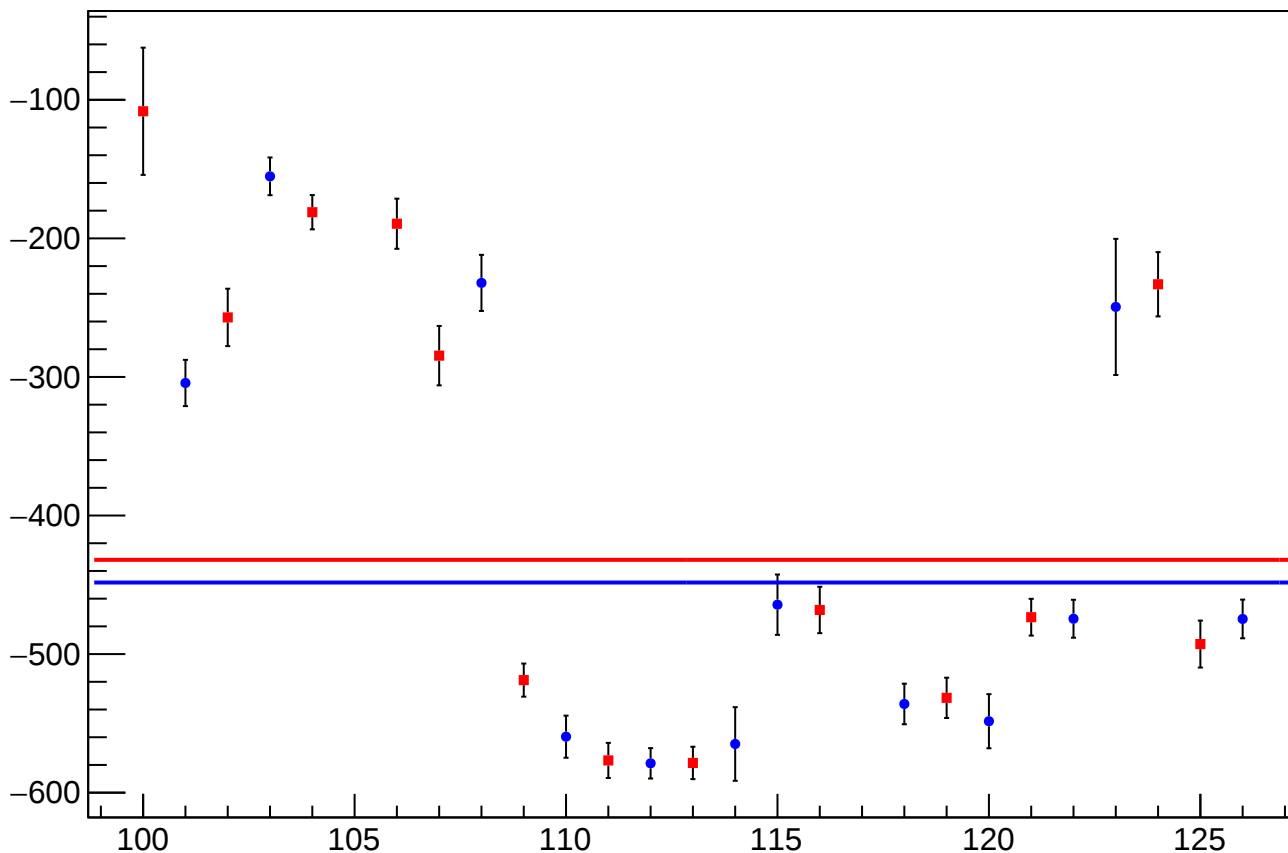
Right: 7.000+/-0.047 χ^2/NDF : 868093.8/24

In: 11.678+/-0.067 χ^2/NDF : 348695.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.000+/-0.047 χ^2/NDF : 868093.8/24

reg_asym_at2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -448.354+/-4.674 χ^2/NDF : 953.1/11

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

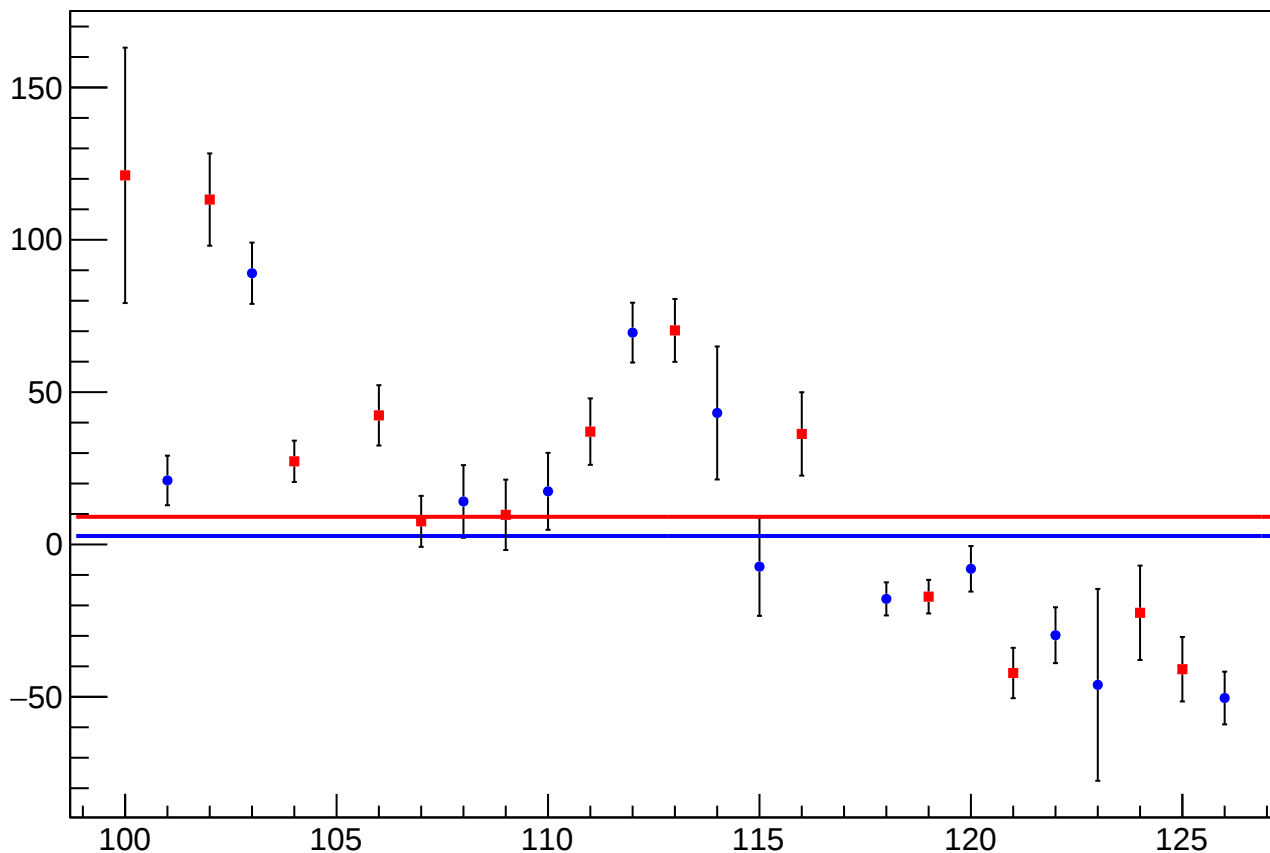
Right: -439.461+/-3.159 χ^2/NDF : 2207.1/24

In: -448.354+/-4.674 χ^2/NDF : 953.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -439.461+/-3.159 χ^2/NDF : 2207.1/24

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.786+/-2.746 χ^2/NDF : 200.2/11

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

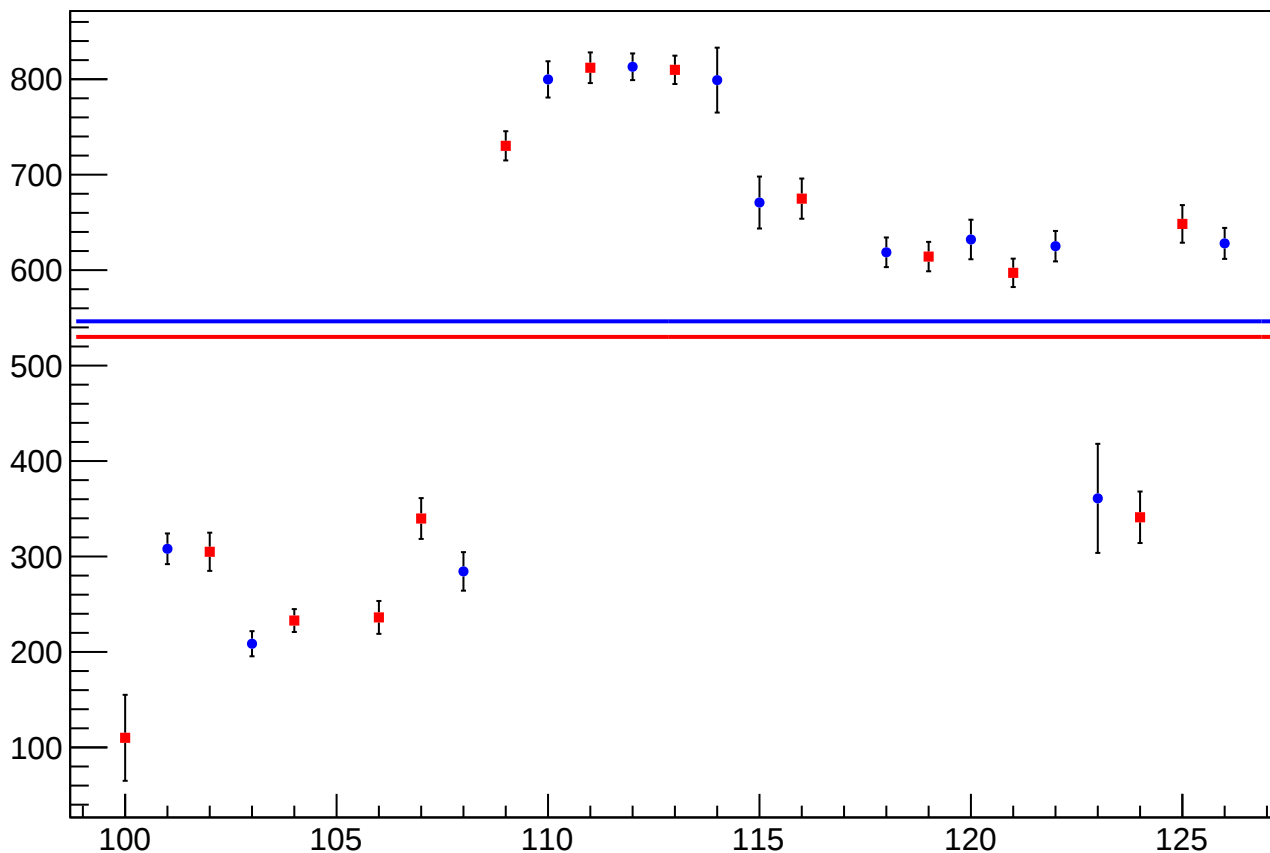
Right: 6.046+/-1.907 χ^2/NDF : 409.1/24

In: 2.786+/-2.746 χ^2/NDF : 200.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.046+/-1.907 χ^2/NDF : 409.1/24

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 546.366+/-5.219 χ^2/NDF : 1764.0/11

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

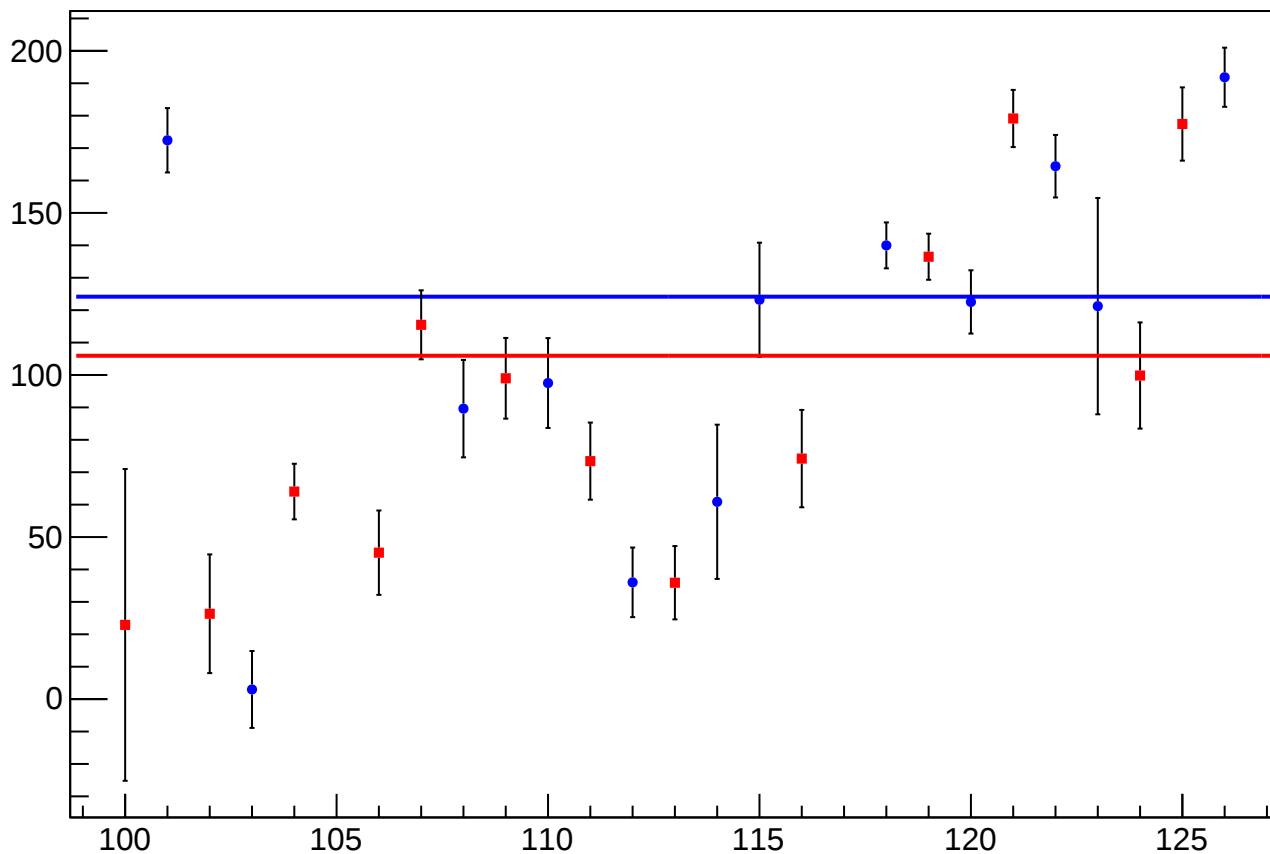
Right: 537.548+/-3.539 χ^2/NDF : 3984.9/24

In: 546.366+/-5.219 χ^2/NDF : 1764.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 537.548+/-3.539 χ^2/NDF : 3984.9/24

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 124.163+/-3.251 χ^2/NDF : 288.8/11

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

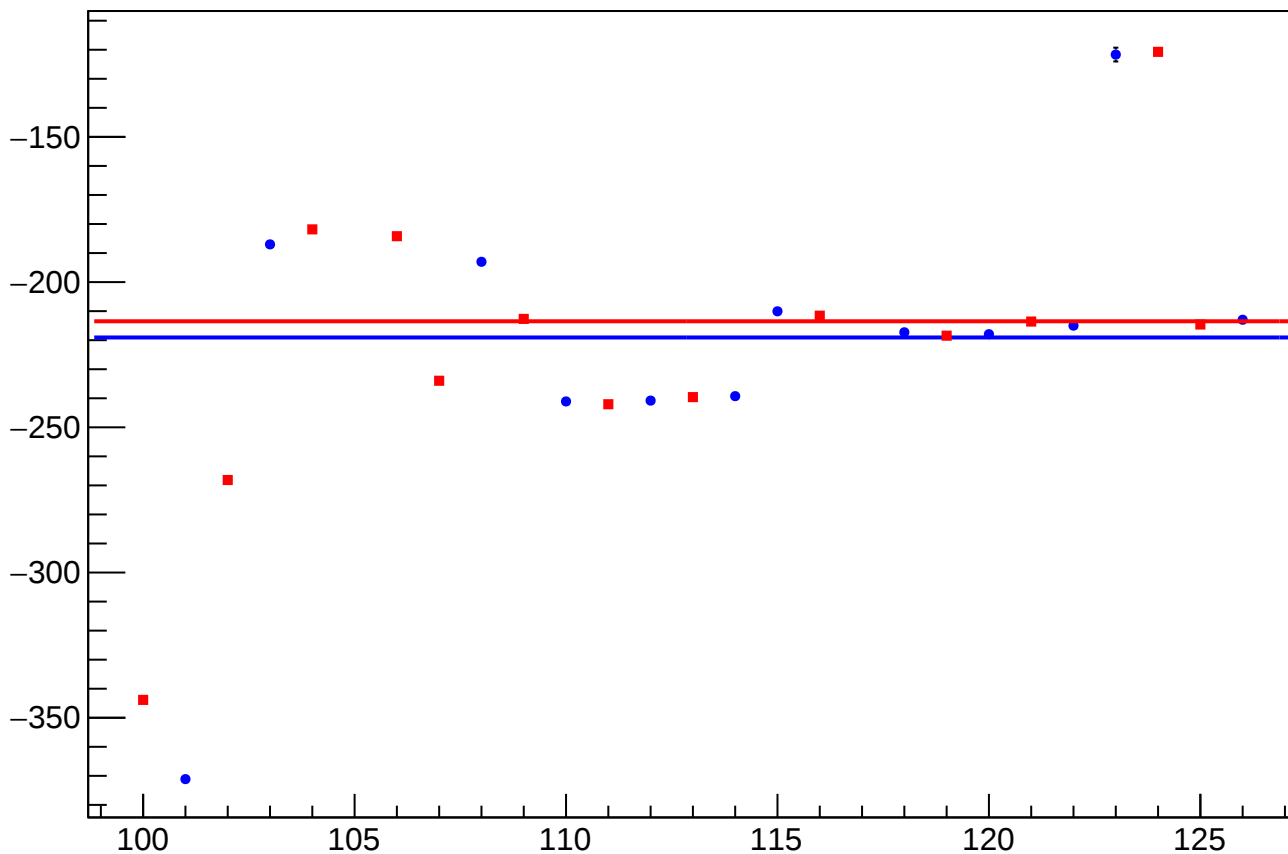
Right: 114.722+/-2.257 χ^2/NDF : 551.5/24

In: 124.163+/-3.251 χ^2/NDF : 288.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.722+/-2.257 χ^2/NDF : 551.5/24

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -219.063+/-0.177 χ^2/NDF : 87765.0/11

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

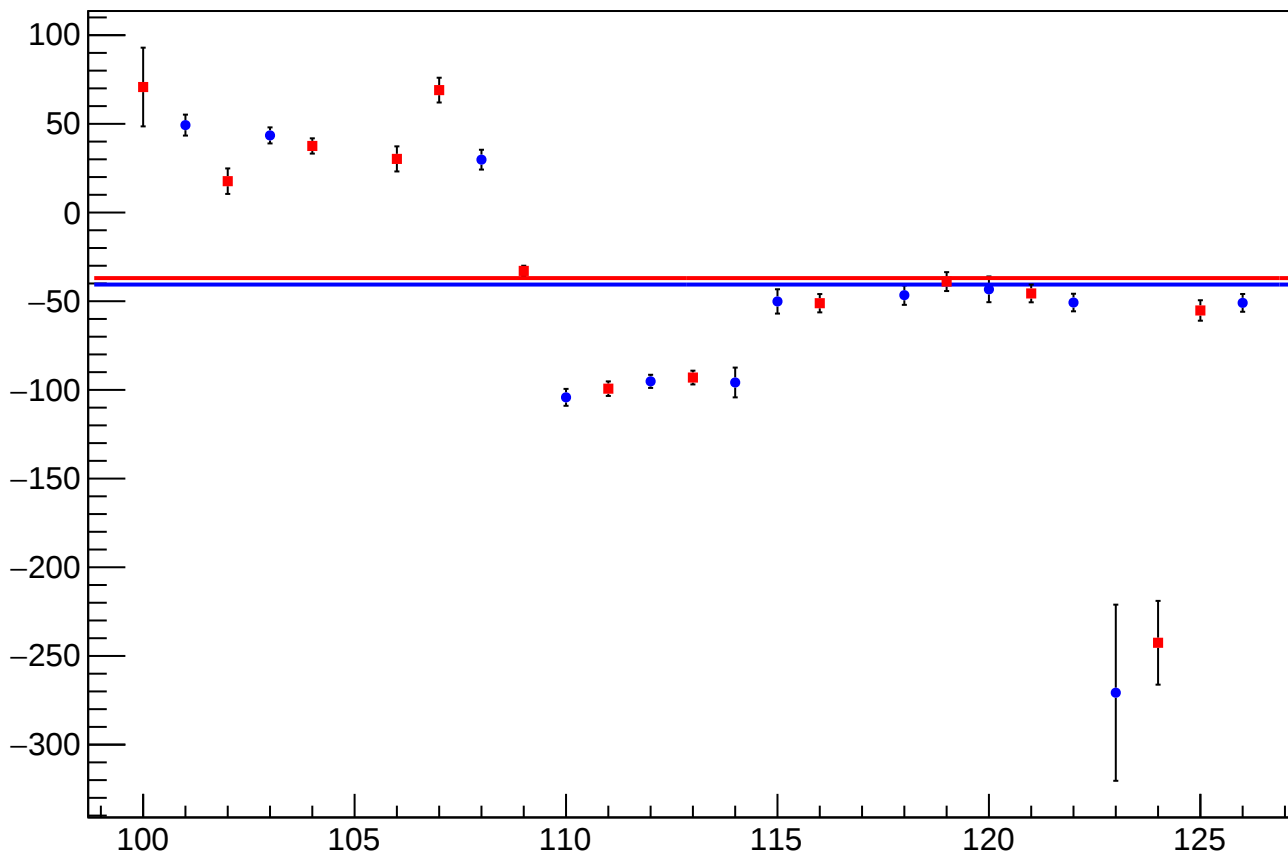
Right: -216.037+/-0.120 χ^2/NDF : 135163.0/24

In: -219.063+/-0.177 χ^2/NDF : 87765.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -216.037+/-0.120 χ^2/NDF : 135163.0/24

reg_asym_at2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -40.605+/-1.590 χ^2/NDF : 1208.3/11

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

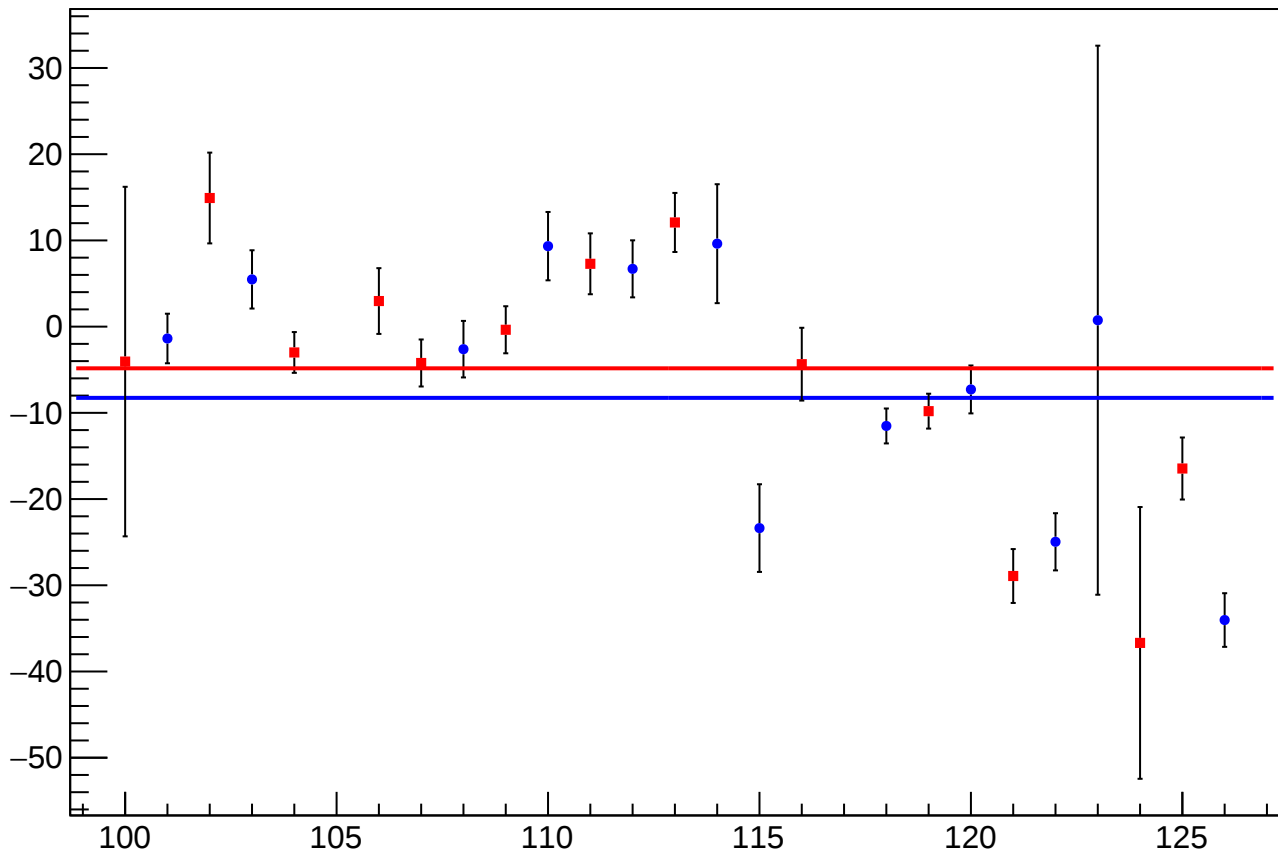
Right: -38.567+/-1.055 χ^2/NDF : 2450.9/24

In: -40.605+/-1.590 χ^2/NDF : 1208.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.567+/-1.055 χ^2/NDF : 2450.9/24

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.262 $\pm$ 0.960 χ^2 /NDF: 177.7/11

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

Right Out: -4.836 $\pm$ 0.911 χ^2 /NDF: 137.7/12

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

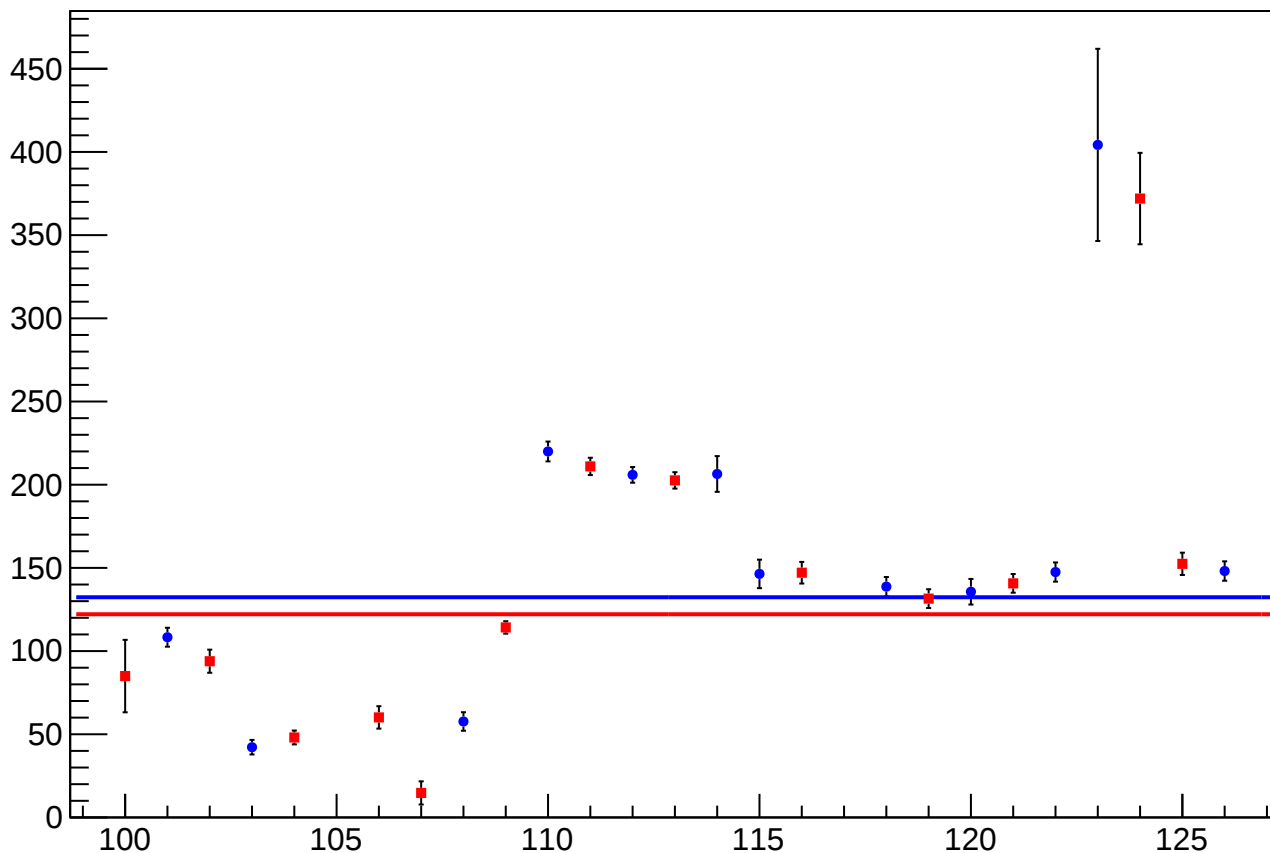
Right: -6.460 $\pm$ 0.661 χ^2 /NDF: 322.2/24

In: -8.262 $\pm$ 0.960 χ^2 /NDF:177.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -6.460 $\pm$ 0.661 χ^2 /NDF: 322.2/24

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 132.354+/-1.776 χ^2/NDF : 1170.0/11

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

Right Out: 122.137+/-1.617 χ^2/NDF : 1351.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

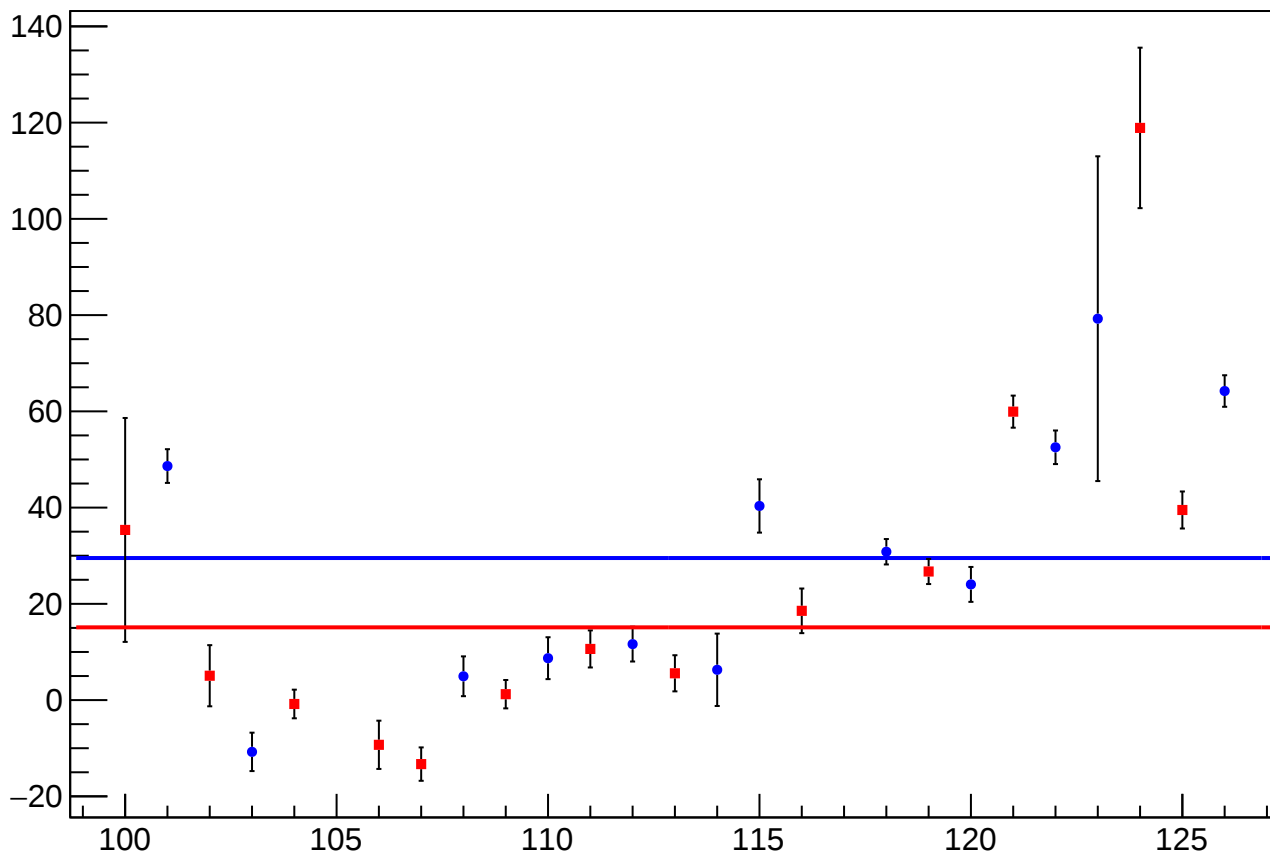
Right: 126.767+/-1.195 χ^2/NDF : 2539.3/24

In: 132.354+/-1.776 χ^2/NDF : 1170.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.767+/-1.195 χ^2/NDF : 2539.3/24

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 29.521+/-1.134 χ^2/NDF : 387.9/11

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

Right Out: 15.116+/-1.072 χ^2/NDF : 432.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

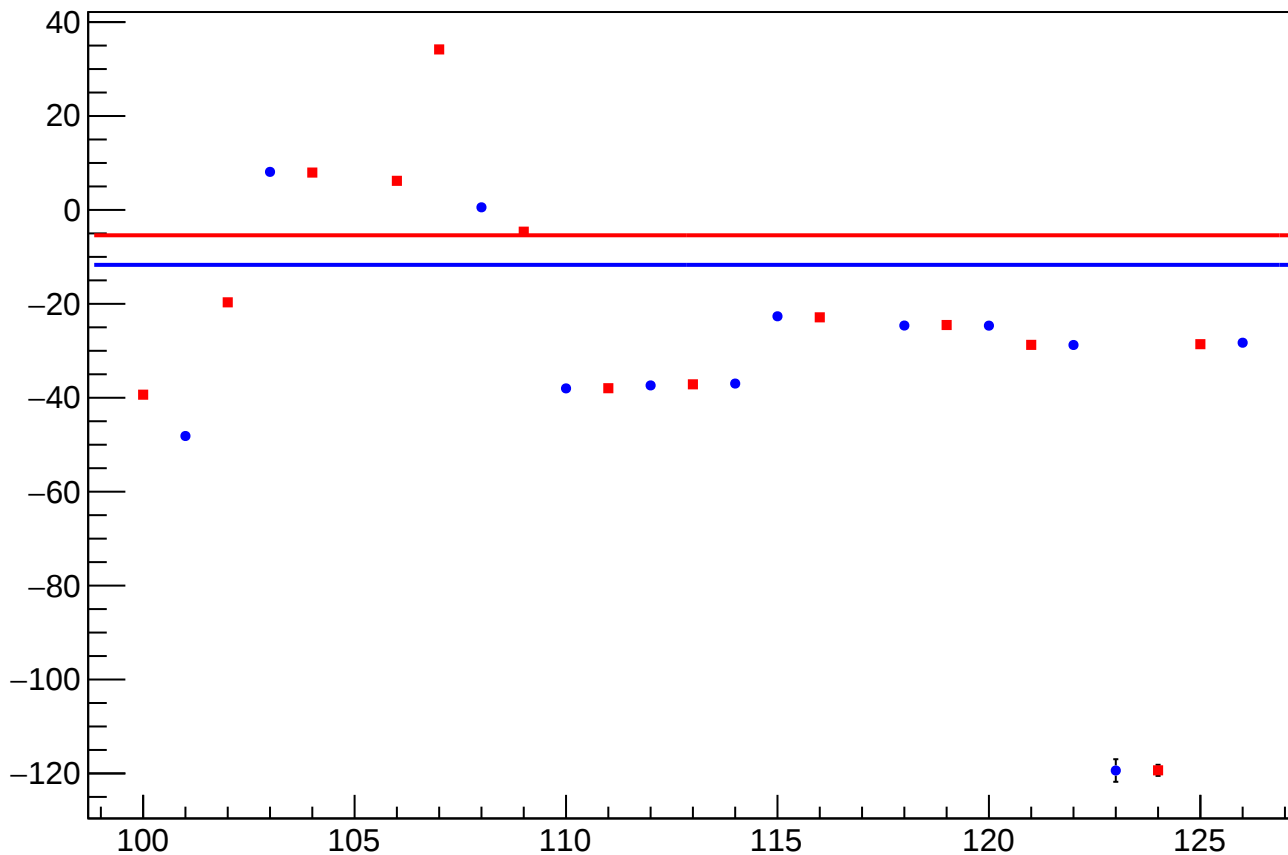
Right: 21.913+/-0.779 χ^2/NDF : 905.8/24

In: 29.521+/-1.134 χ^2/NDF : 387.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.913+/-0.779 χ^2/NDF : 905.8/24

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -11.698 $\pm$ 0.058 χ^2 /NDF: 122765.4/11

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

Right Out: -5.400 $\pm$ 0.055 χ^2 /NDF: 162790.3/12

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

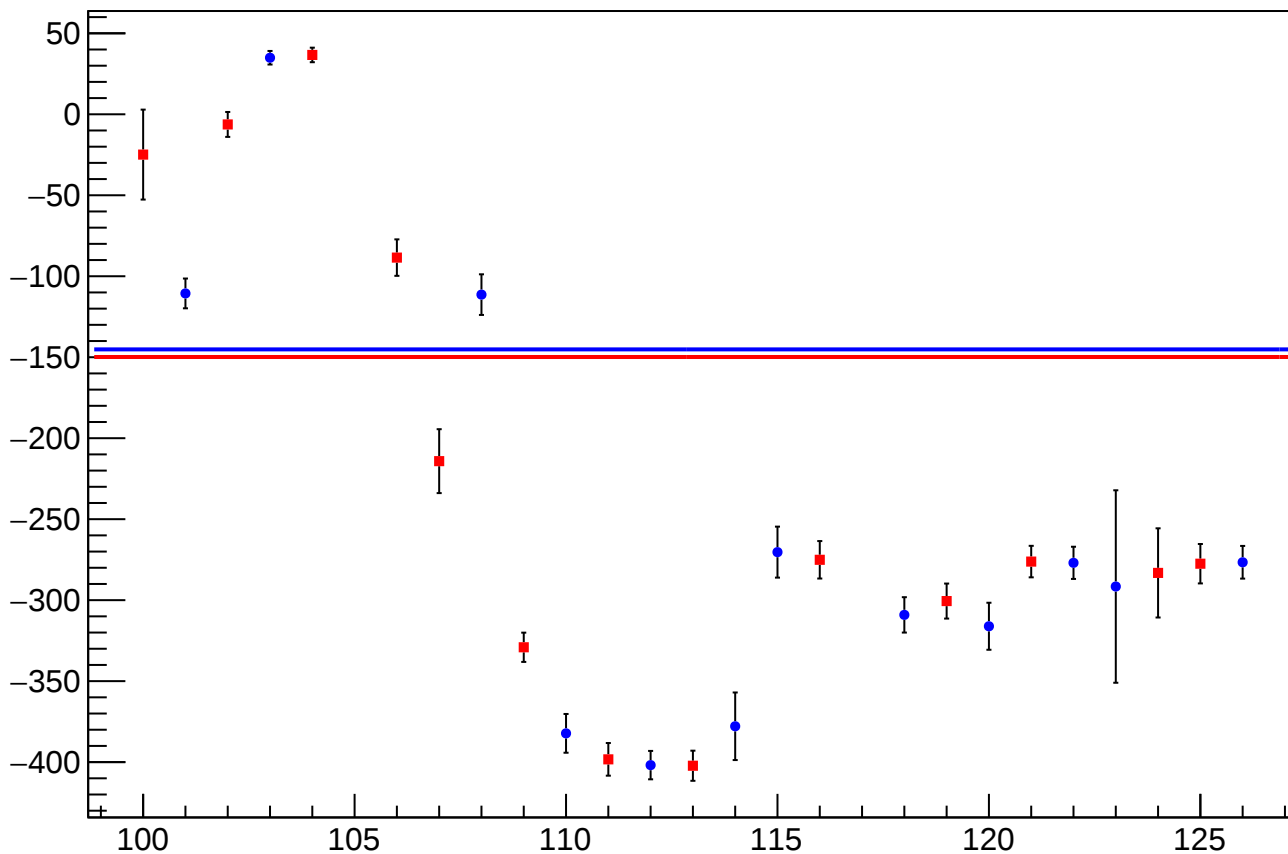
Right: -8.371 $\pm$ 0.040 χ^2 /NDF: 291693.7/24

In: -11.698 $\pm$ 0.058 χ^2 /NDF:122765.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -8.371 $\pm$ 0.040 χ^2 /NDF: 291693.7/24

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -145.160+/-2.723 χ^2/NDF : 4022.7/11

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

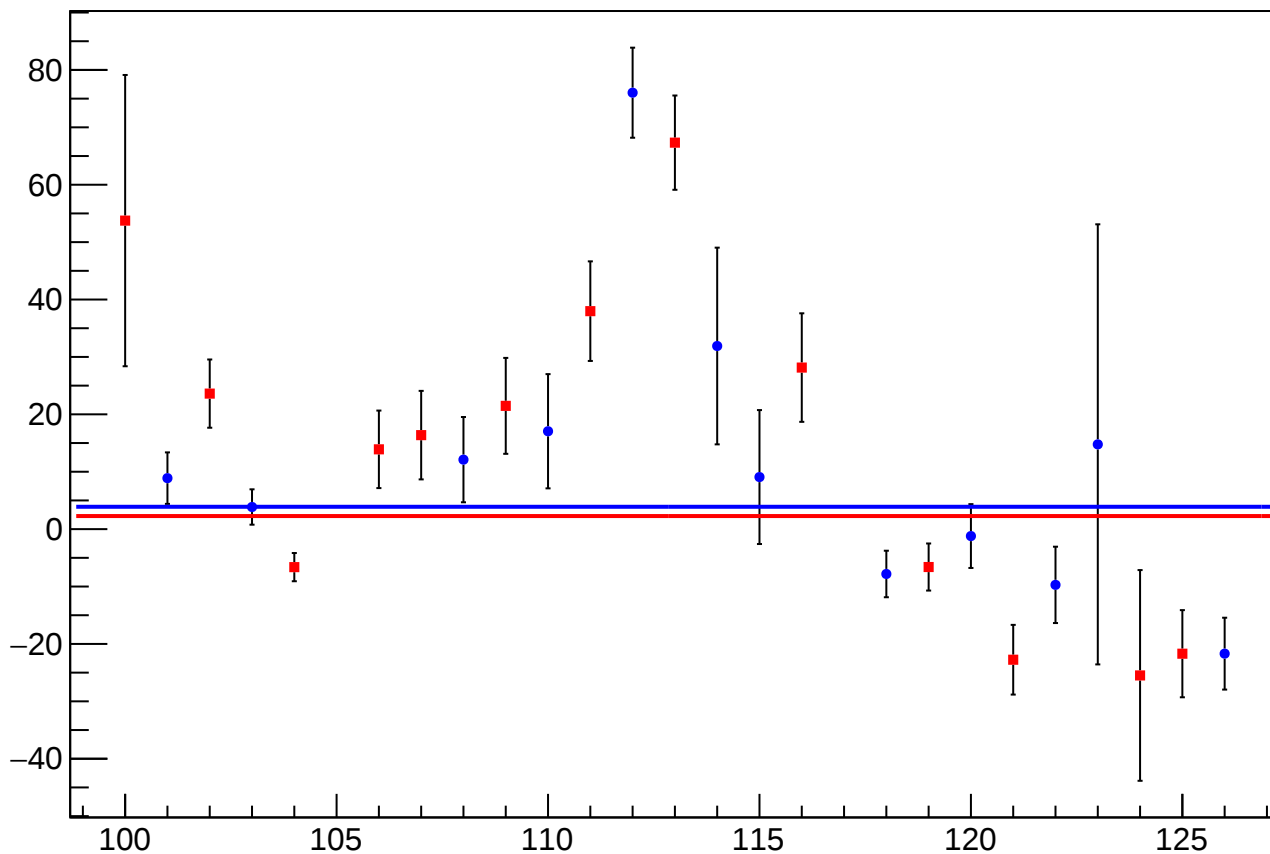
Right: -147.606+/-1.885 χ^2/NDF : 8509.3/24

In: -145.160+/-2.723 χ^2/NDF :4022.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -147.606+/-1.885 χ^2/NDF : 8509.3/24

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.895+/-1.685 χ^2/NDF : 121.8/11

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

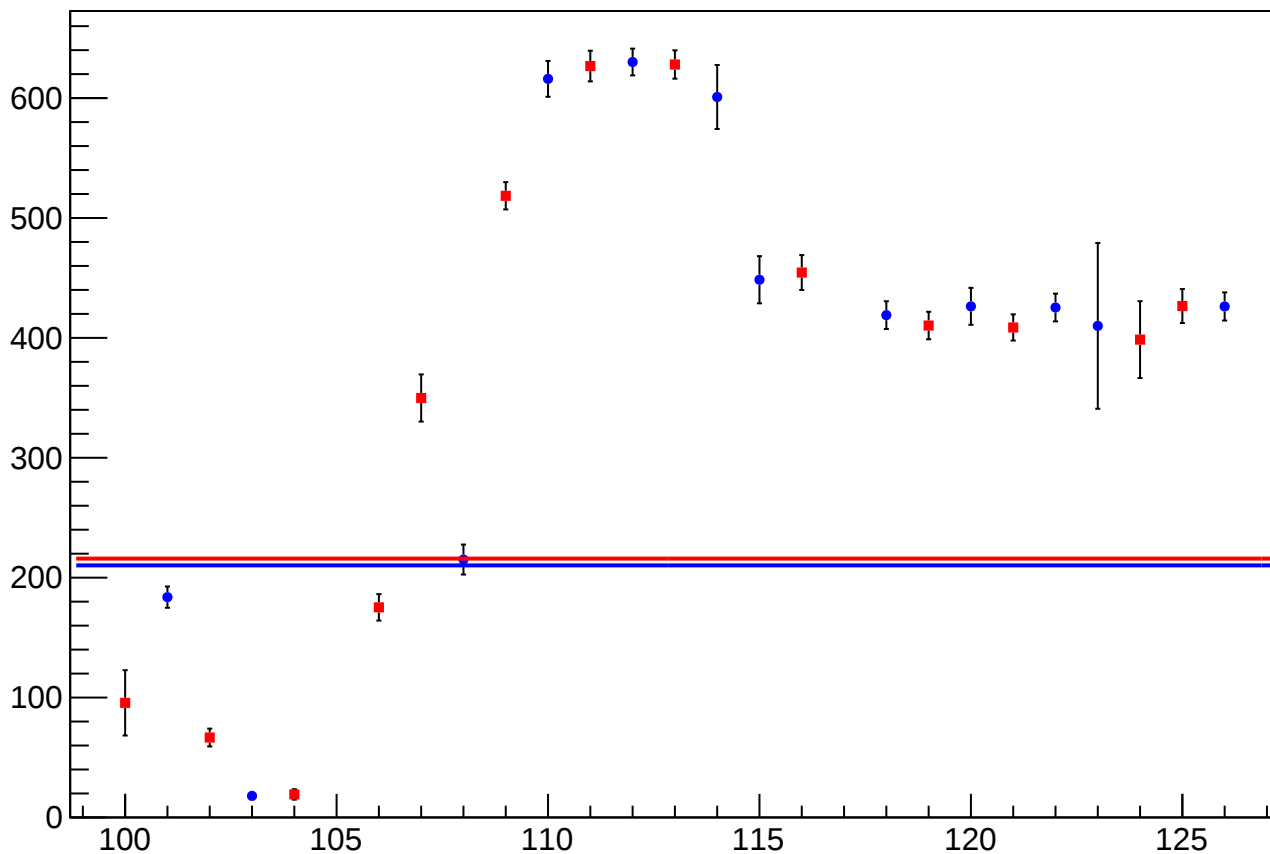
Right: 3.041+/-1.157 χ^2/NDF : 285.1/24

In: 3.895+/-1.685 χ^2/NDF : 121.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.041+/-1.157 χ^2/NDF : 285.1/24

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 210.235 $\pm$ 2.850 χ^2 /NDF: 5984.7/11

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

Right Out: 215.910 $\pm$ 2.765 χ^2 /NDF: 6605.7/12

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

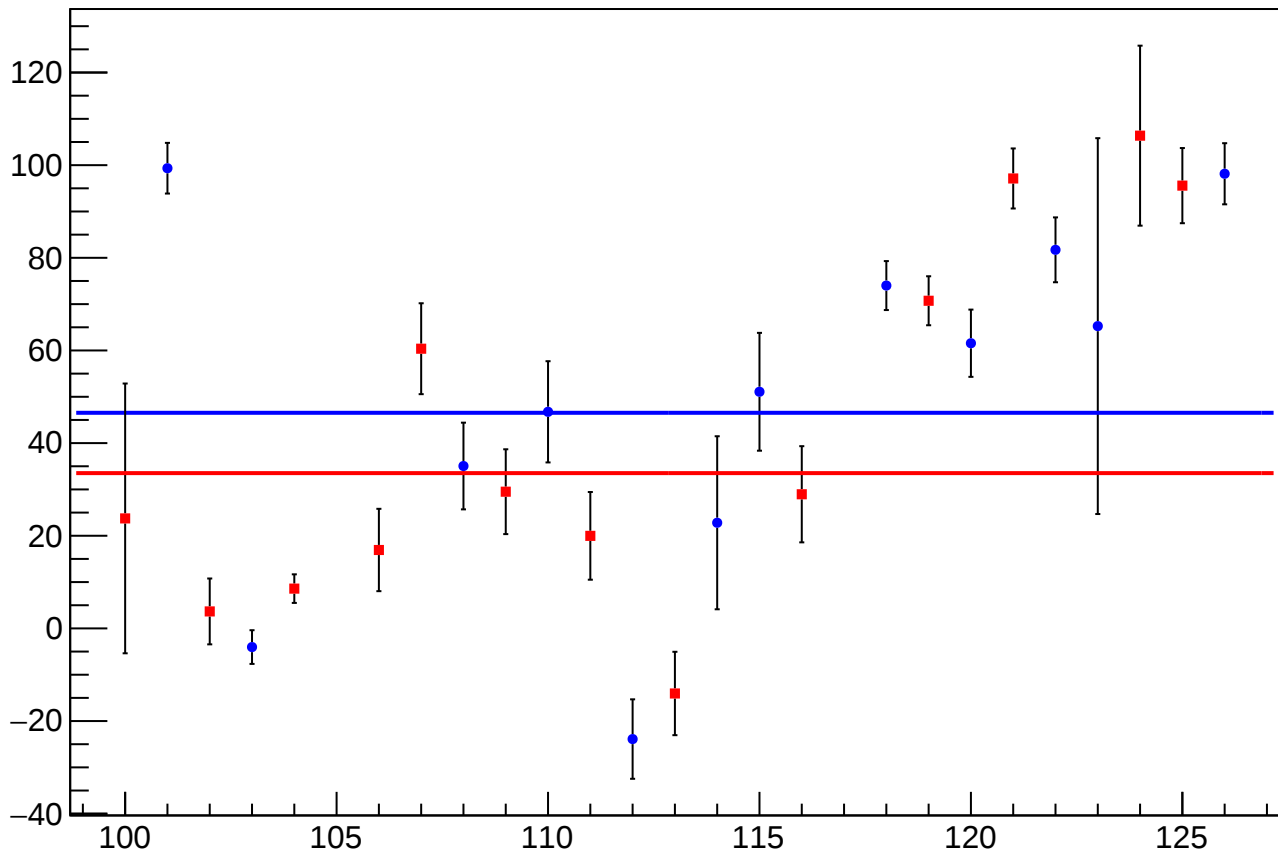
Right: 213.158 $\pm$ 1.985 χ^2 /NDF: 12592.5/24

In: 210.235 $\pm$ 2.850 χ^2 /NDF:5984.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 213.158 $\pm$ 1.985 χ^2 /NDF: 12592.5/24

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 46.544+/-1.999 χ^2/NDF : 475.0/11

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

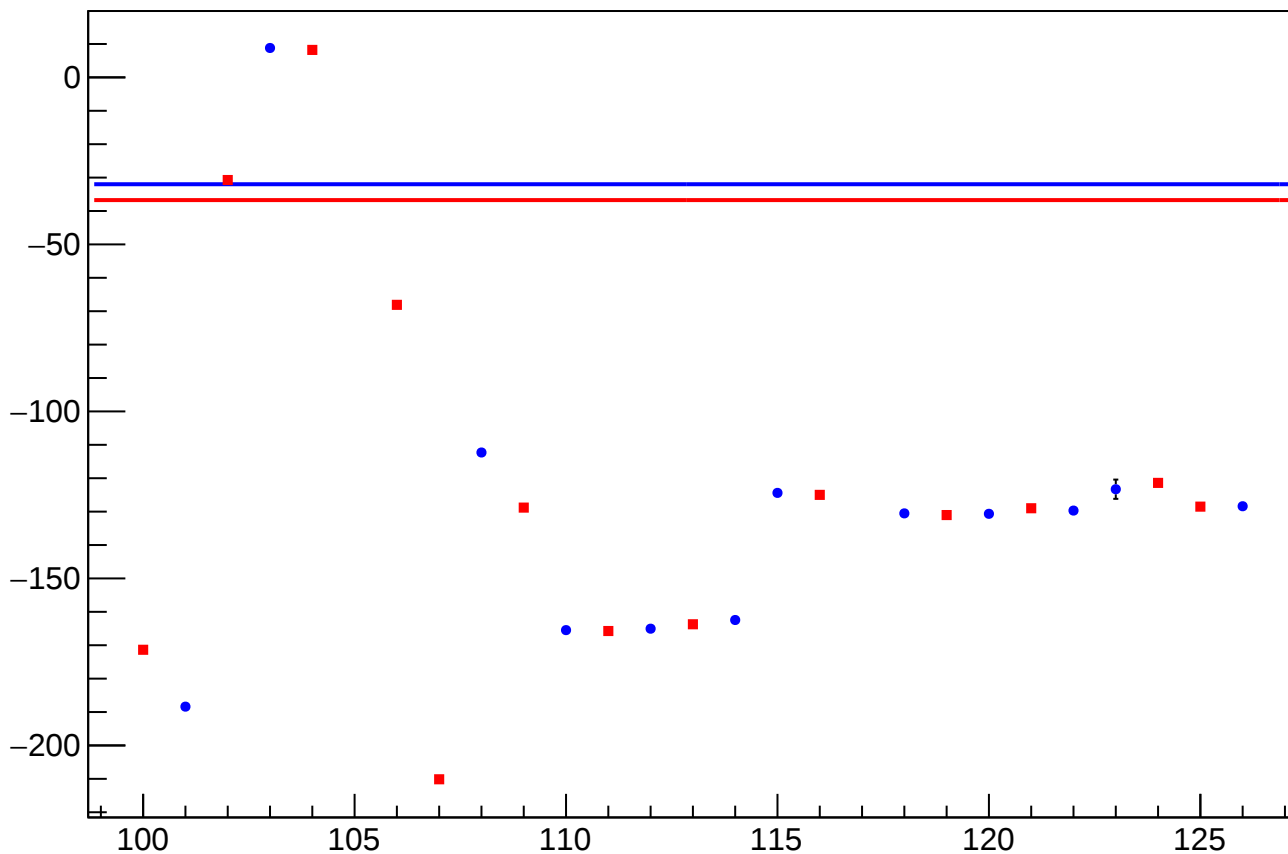
Right: 39.771+/-1.385 χ^2/NDF : 839.9/24

In: 46.544+/-1.999 χ^2/NDF : 475.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.771+/-1.385 χ^2/NDF : 839.9/24

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -31.988+/-0.078 χ^2/NDF : 786894.3/11

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

Right Out: -36.735+/-0.079 χ^2/NDF : 616300.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

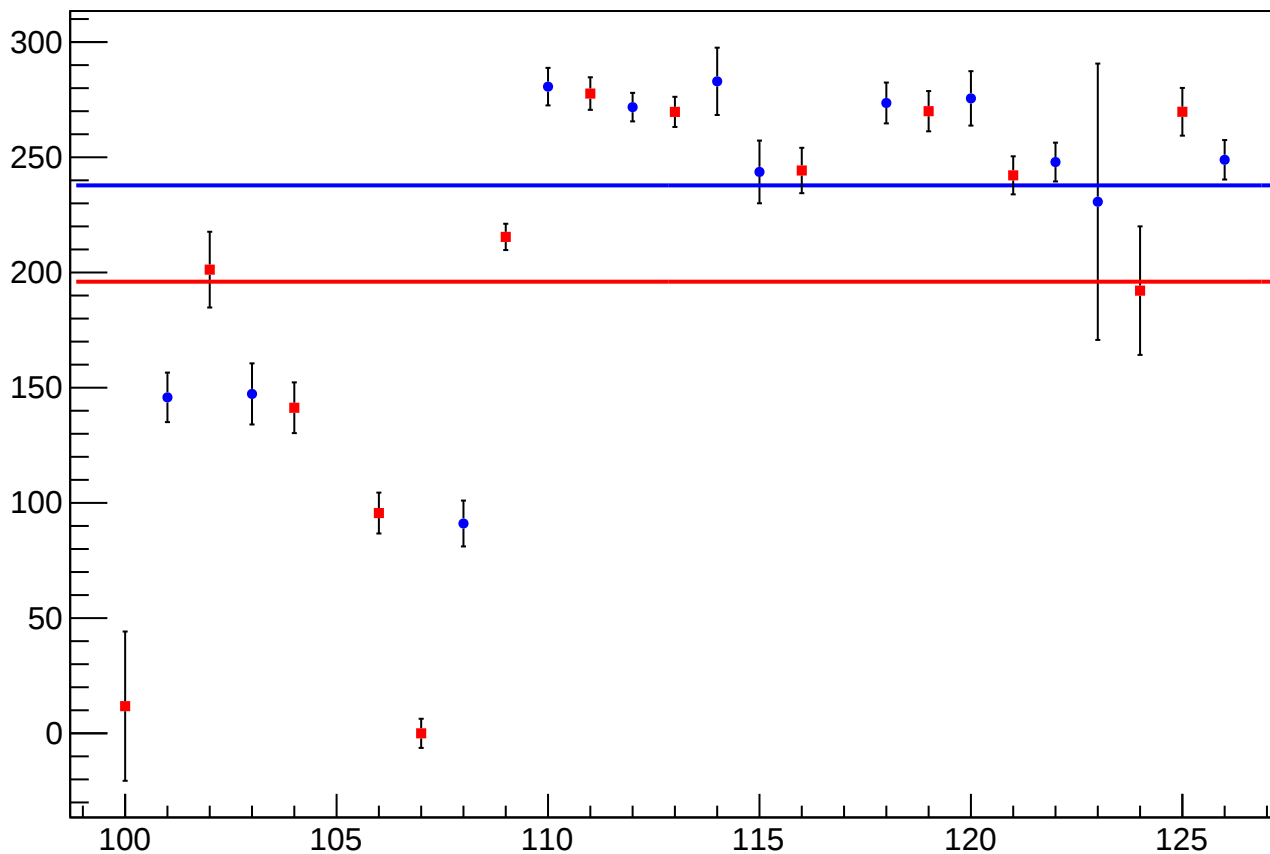
Right: -34.328+/-0.055 χ^2/NDF : 1405038.4/24

In: -31.988+/-0.078 χ^2/NDF : 786894.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.328+/-0.055 χ^2/NDF : 1405038.4/24

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 237.807+/-2.845 χ^2/NDF : 434.3/11

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

Right Out: 196.011+/-2.402 χ^2/NDF : 1594.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

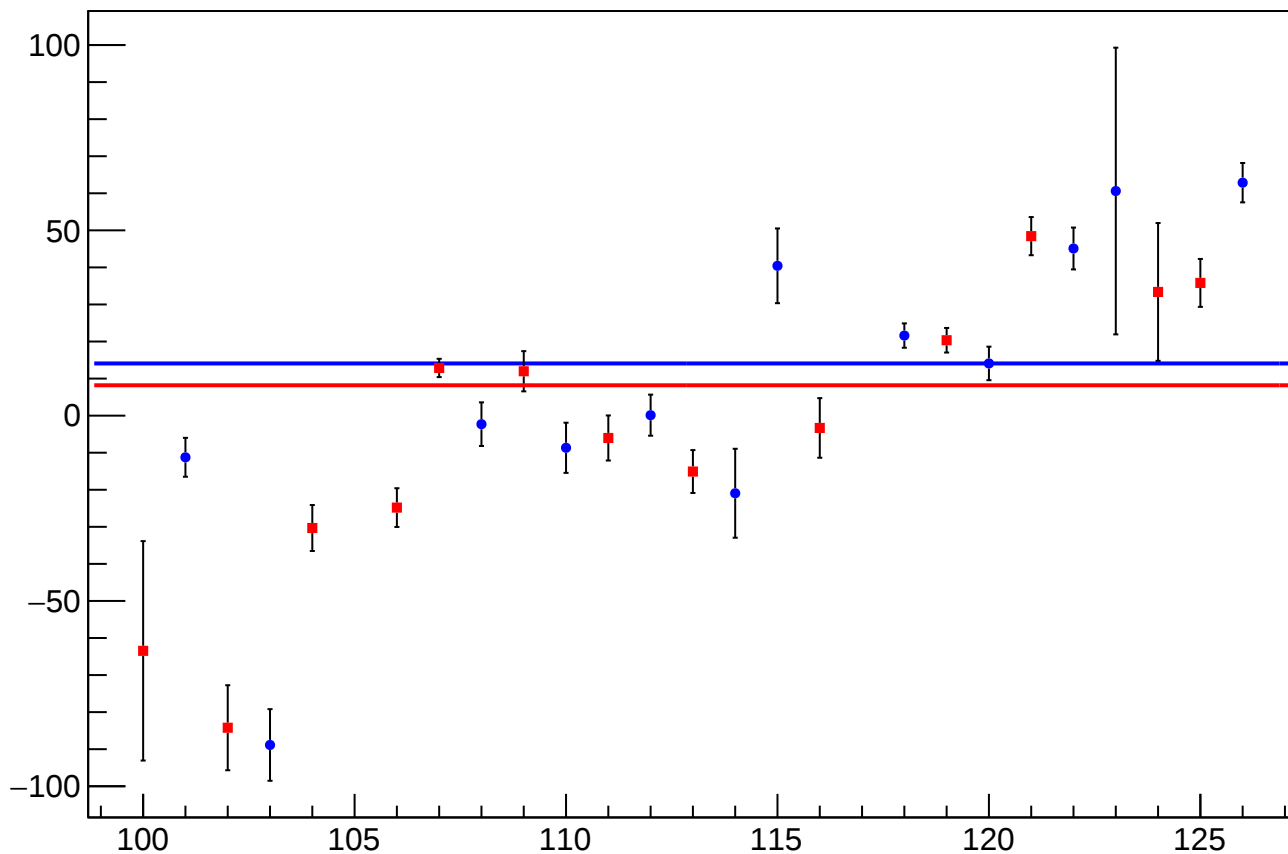
Right: 213.404+/-1.835 χ^2/NDF : 2154.6/24

In: 237.807+/-2.845 χ^2/NDF : 434.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 213.404+/-1.835 χ^2/NDF : 2154.6/24

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.082+/-1.676 χ^2 /NDF: 298.6/11

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

Right Out: 8.194+/-1.418 χ^2 /NDF: 271.6/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

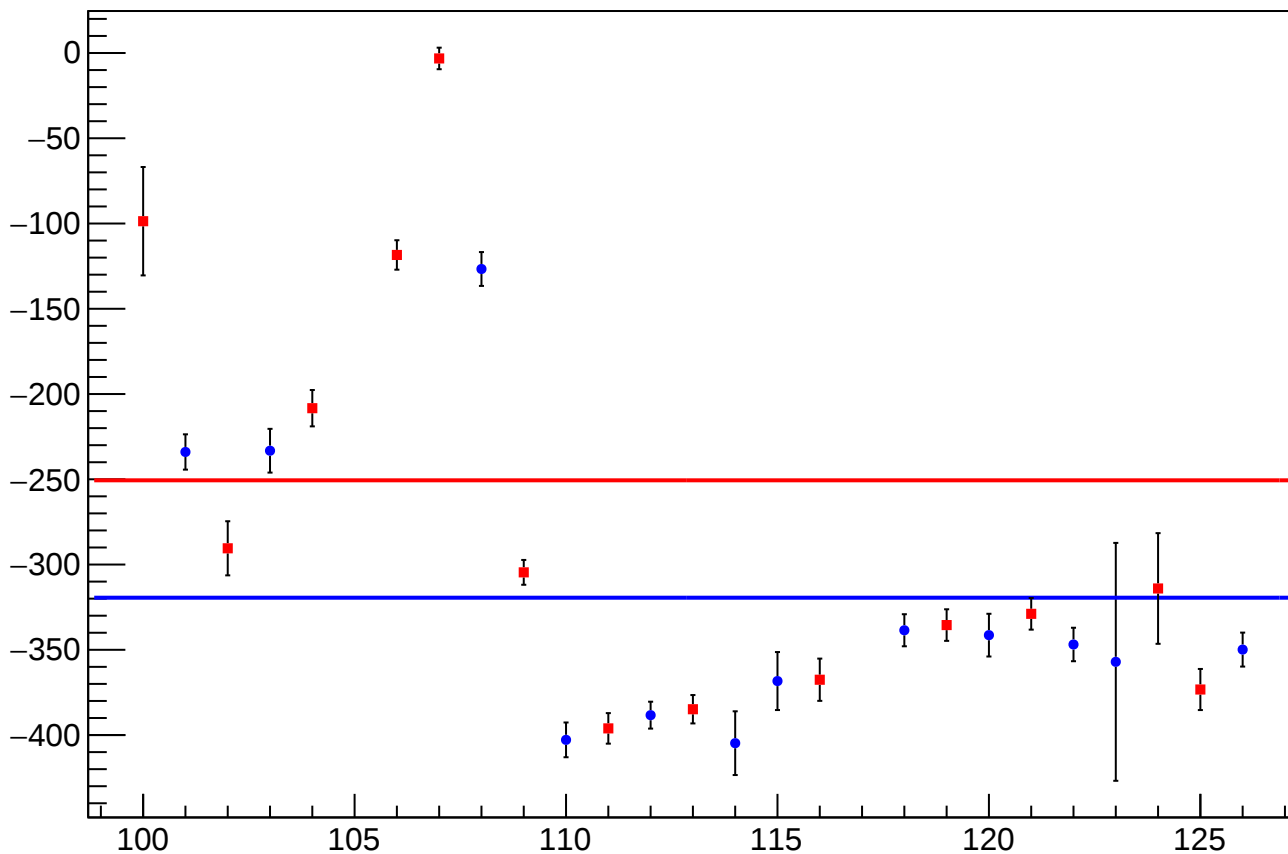
Right: 10.650+/-1.082 χ^2 /NDF: 577.3/24

In: 14.082+/-1.676 χ^2 /NDF:298.6/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 10.650+/-1.082 χ^2 /NDF: 577.3/24

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -319.444+/-3.229 χ^2/NDF : 687.4/11

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

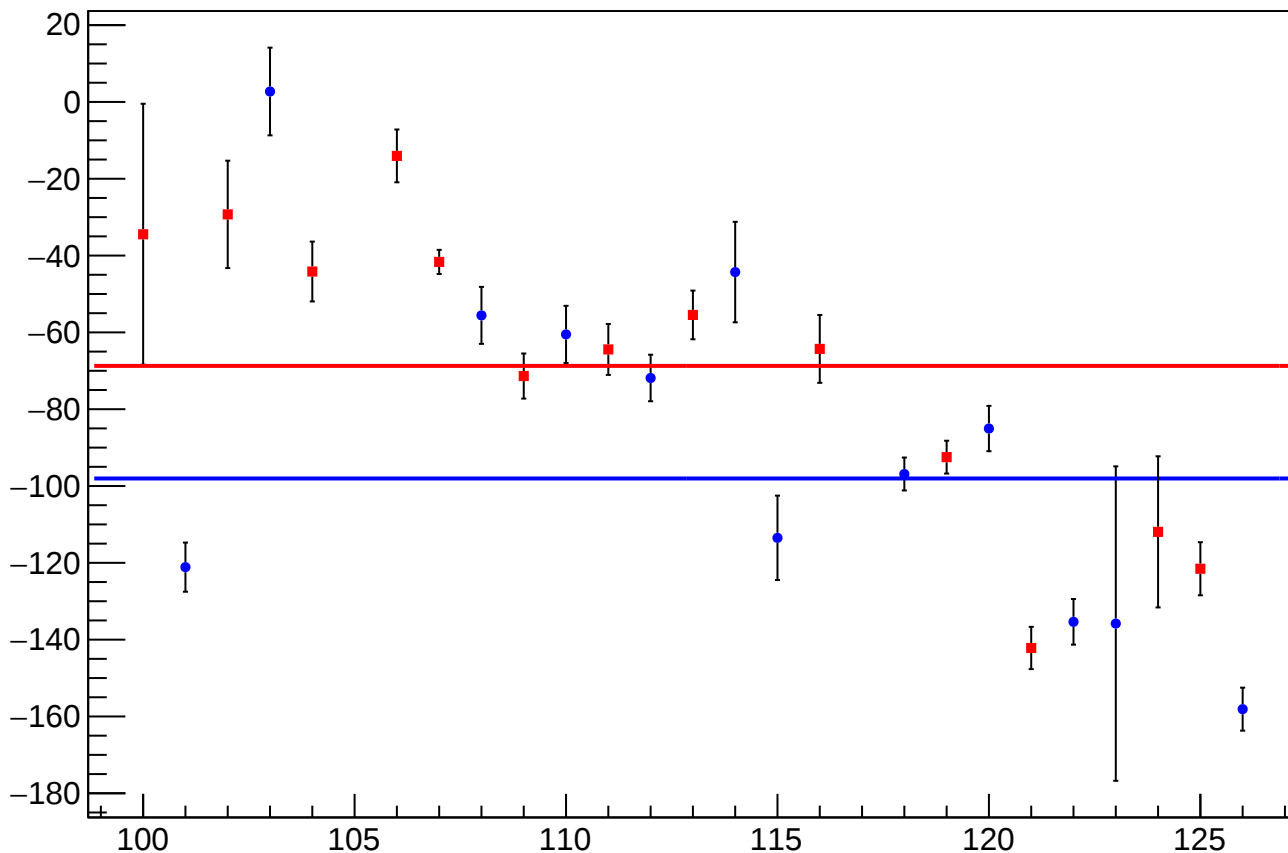
Right: -279.118+/-2.078 χ^2/NDF : 3697.9/24

In: -319.444+/-3.229 χ^2/NDF : 687.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -279.118+/-2.078 χ^2/NDF : 3697.9/24

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -98.037 $\pm$ 1.985 χ^2 /NDF: 347.0/11

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

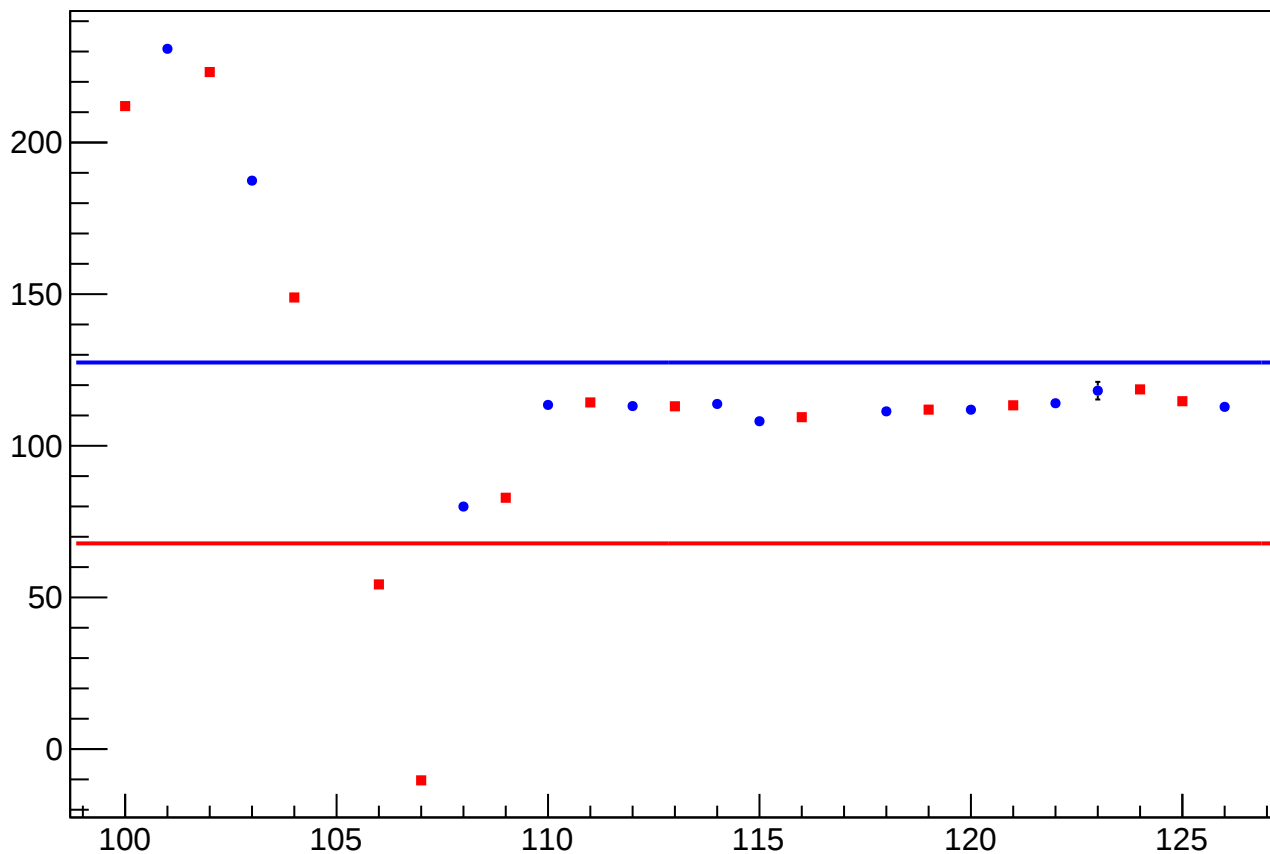
Right: -81.126 $\pm$ 1.291 χ^2 /NDF: 907.3/24

In: -98.037 $\pm$ 1.985 χ^2 /NDF:347.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -81.126 $\pm$ 1.291 χ^2 /NDF: 907.3/24

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.465+/-0.115 χ^2/NDF : 172956.9/11

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

Right Out: 67.818+/-0.087 χ^2/NDF : 642993.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

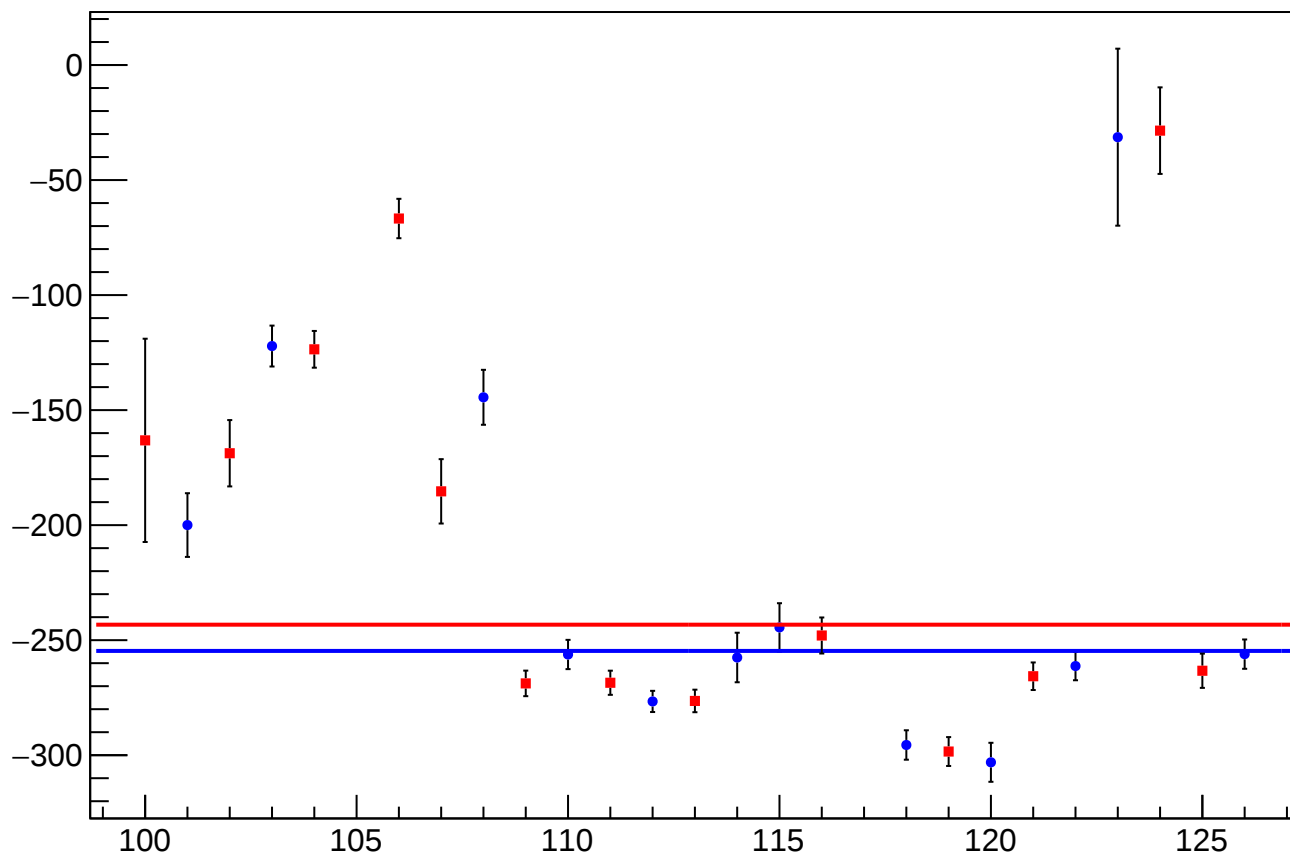
Right: 89.586+/-0.070 χ^2/NDF : 985590.5/24

In: 127.465+/-0.115 χ^2/NDF : 172956.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.586+/-0.070 χ^2/NDF : 985590.5/24

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -254.674+/-2.212 χ^2/NDF : 455.2/11

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

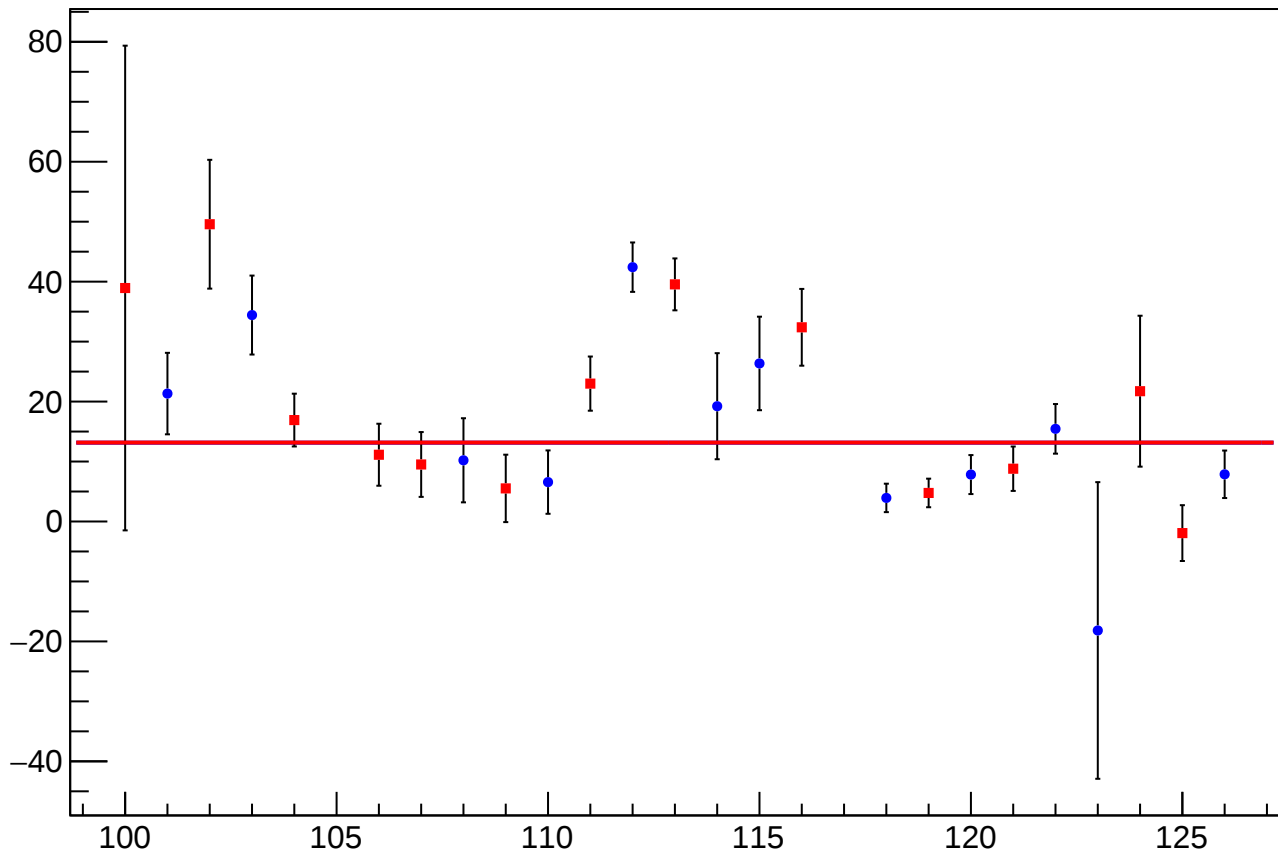
Right: -248.507+/-1.499 χ^2/NDF : 1485.7/24

In: -254.674+/-2.212 χ^2/NDF : 455.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -248.507+/-1.499 χ^2/NDF : 1485.7/24

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.143+/-1.307 χ^2/NDF : 88.9/11

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

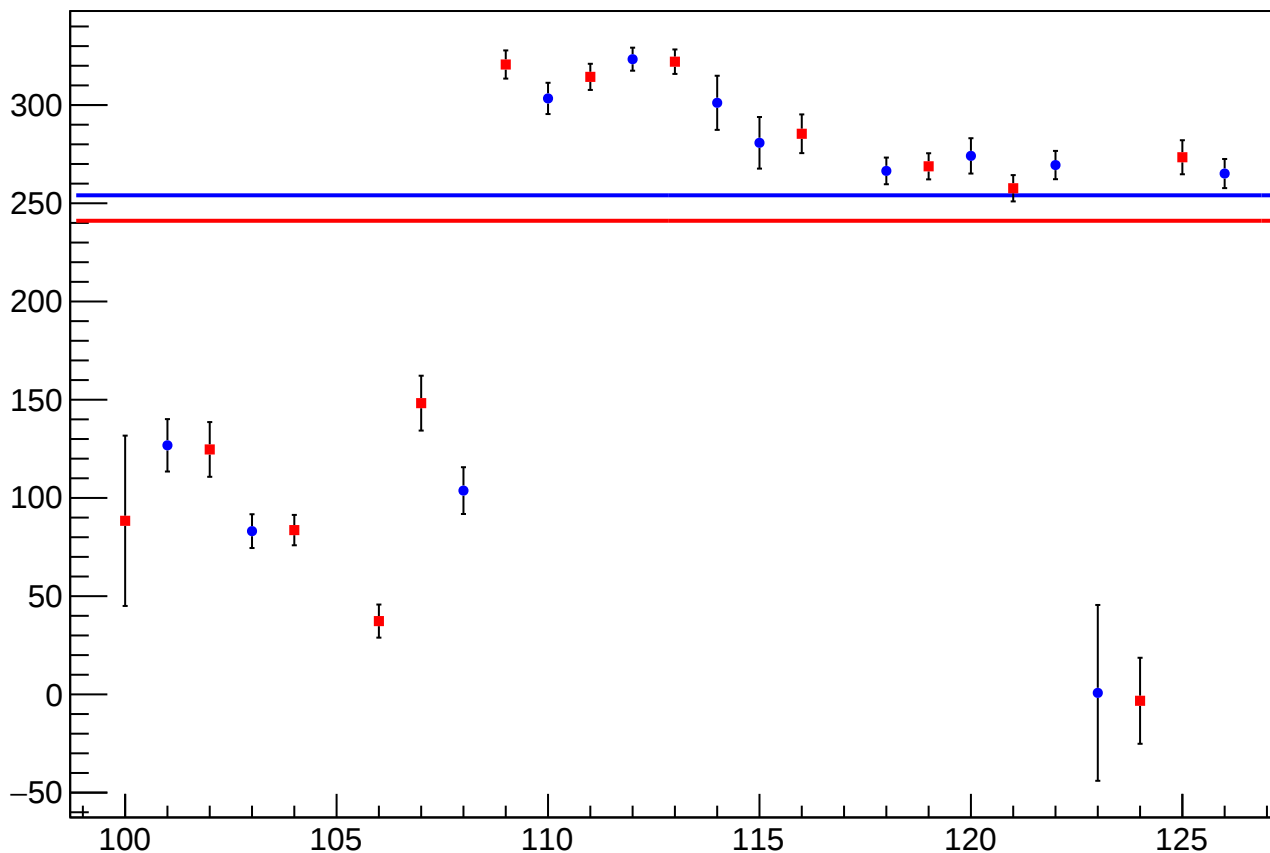
Right: 13.153+/-0.922 χ^2/NDF : 179.7/24

In: 13.143+/-1.307 χ^2/NDF : 88.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.153+/-0.922 χ^2/NDF : 179.7/24

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 254.053+/-2.547 χ^2/NDF : 886.7/11

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

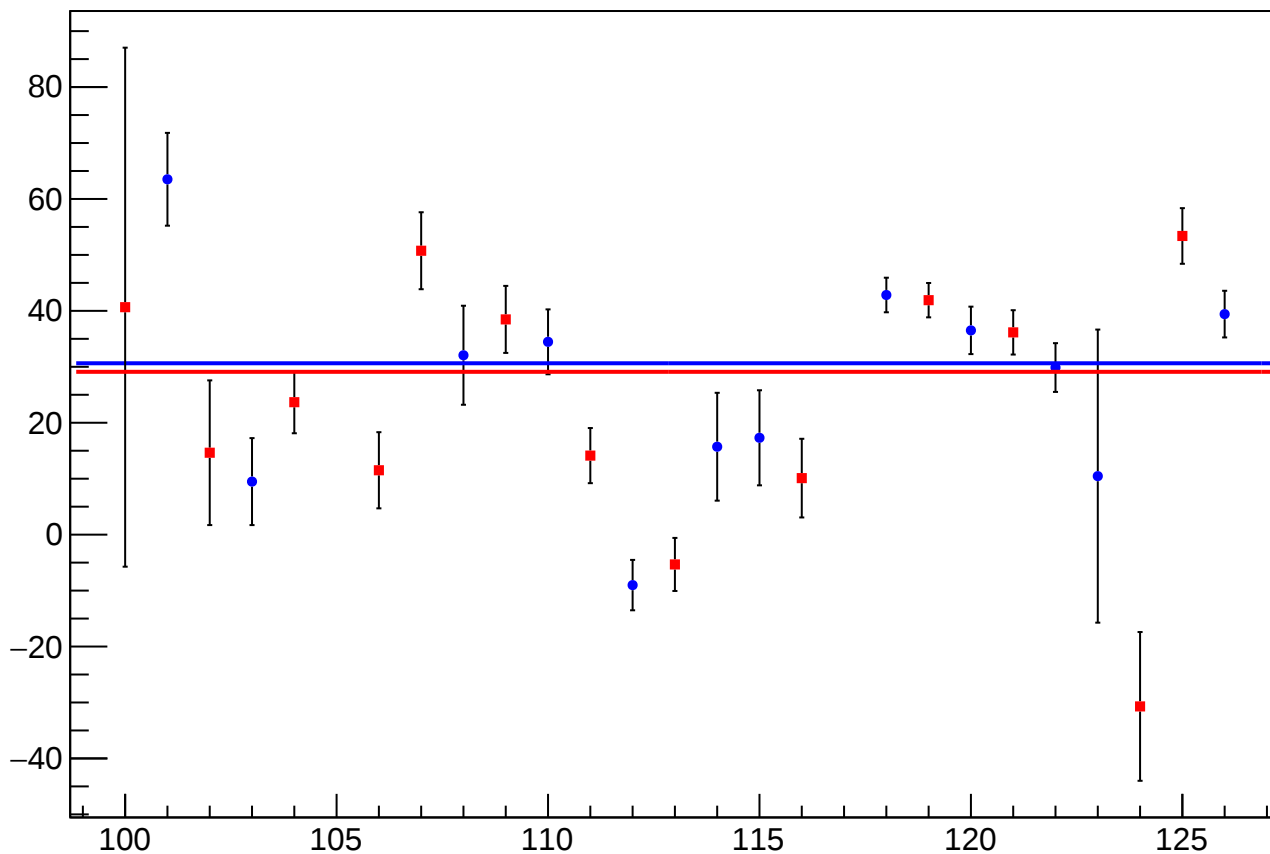
Right: 247.071+/-1.730 χ^2/NDF : 2622.0/24

In: 254.053+/-2.547 χ^2/NDF :886.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 247.071+/-1.730 χ^2/NDF : 2622.0/24

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 30.633+/-1.544 χ^2/NDF : 128.5/11

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

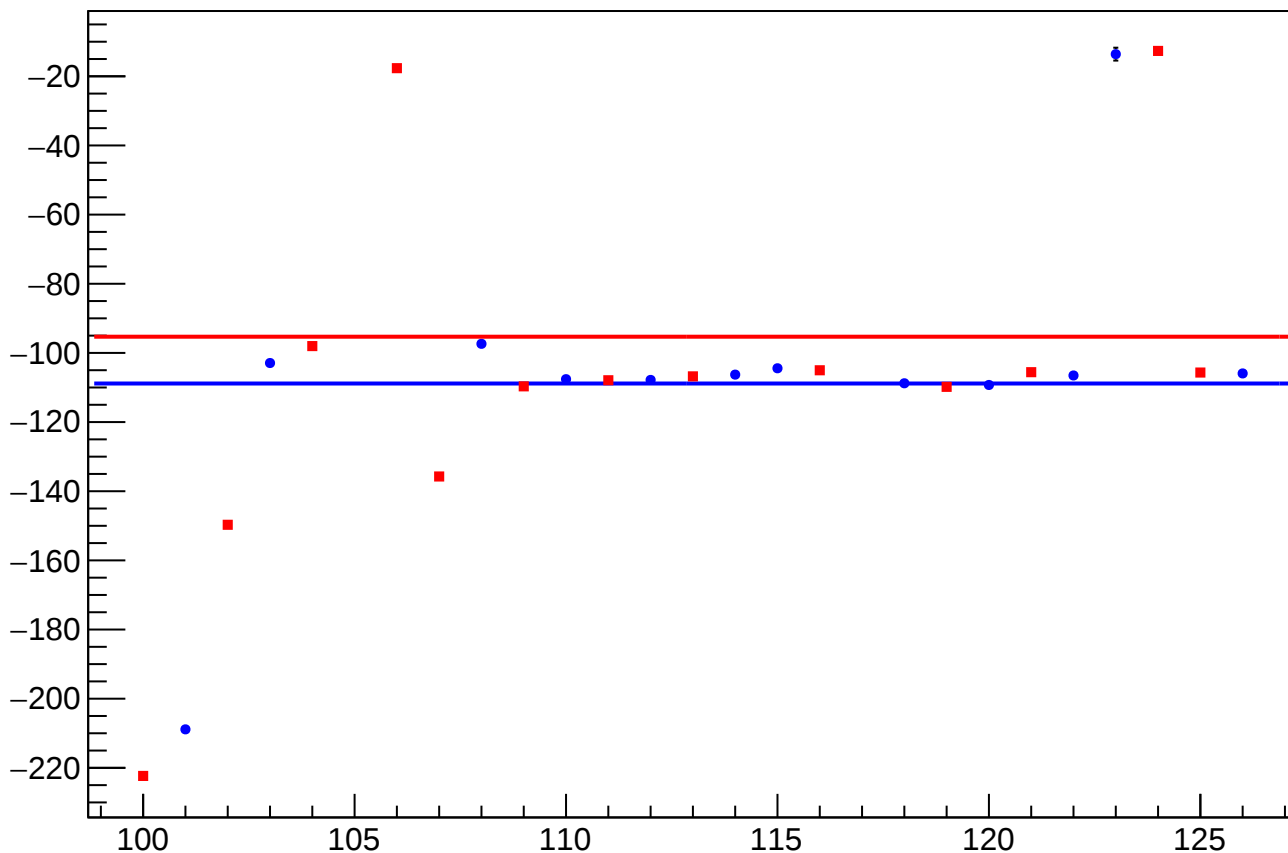
Right: 29.858+/-1.084 χ^2/NDF : 284.2/24

In: 30.633+/-1.544 χ^2/NDF : 128.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.858+/-1.084 χ^2/NDF : 284.2/24

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -108.848+/-0.095 χ^2/NDF : 49010.6/11

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

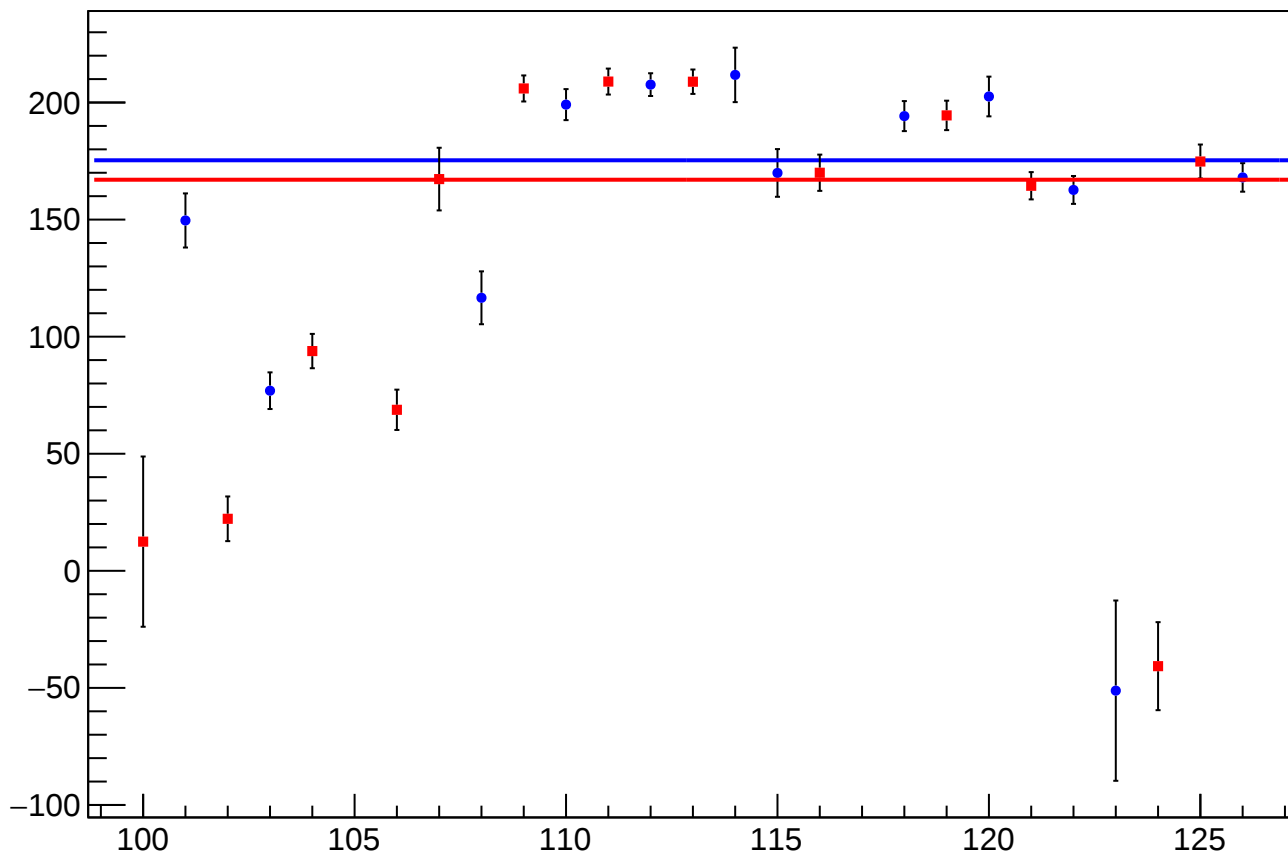
Right: -101.330+/-0.063 χ^2/NDF : 270301.8/24

In: -108.848+/-0.095 χ^2/NDF : 49010.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.330+/-0.063 χ^2/NDF : 270301.8/24

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 175.328+/-2.194 χ^2/NDF : 316.8/11

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

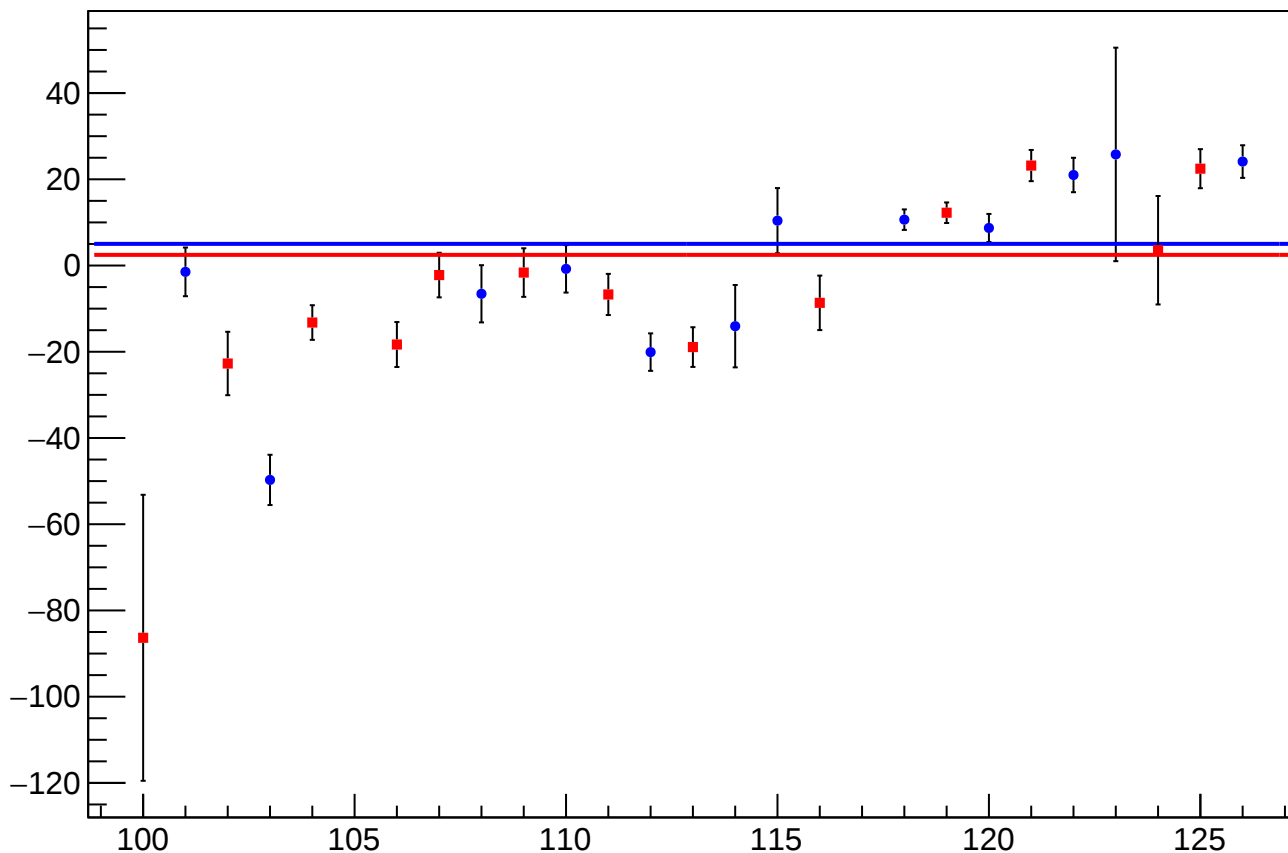
Right: 170.842+/-1.487 χ^2/NDF : 1116.4/24

In: 175.328+/-2.194 χ^2/NDF : 316.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.842+/-1.487 χ^2/NDF : 1116.4/24

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.025+/-1.287 χ^2/NDF : 180.5/11

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

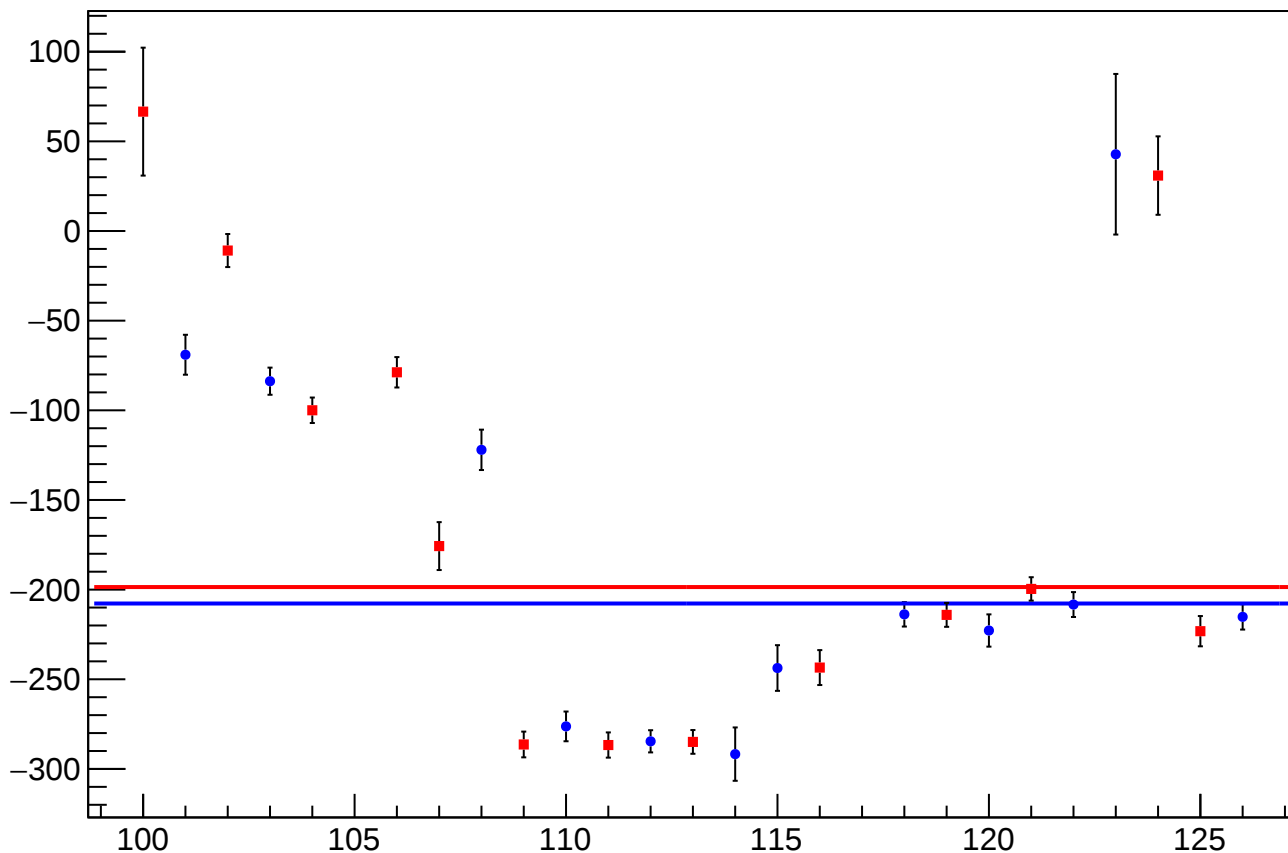
Right: 3.742+/-0.908 χ^2/NDF : 331.4/24

In: 5.025+/-1.287 χ^2/NDF : 180.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.742+/-0.908 χ^2/NDF : 331.4/24

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -207.743+/-2.501 χ^2/NDF : 779.9/11

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

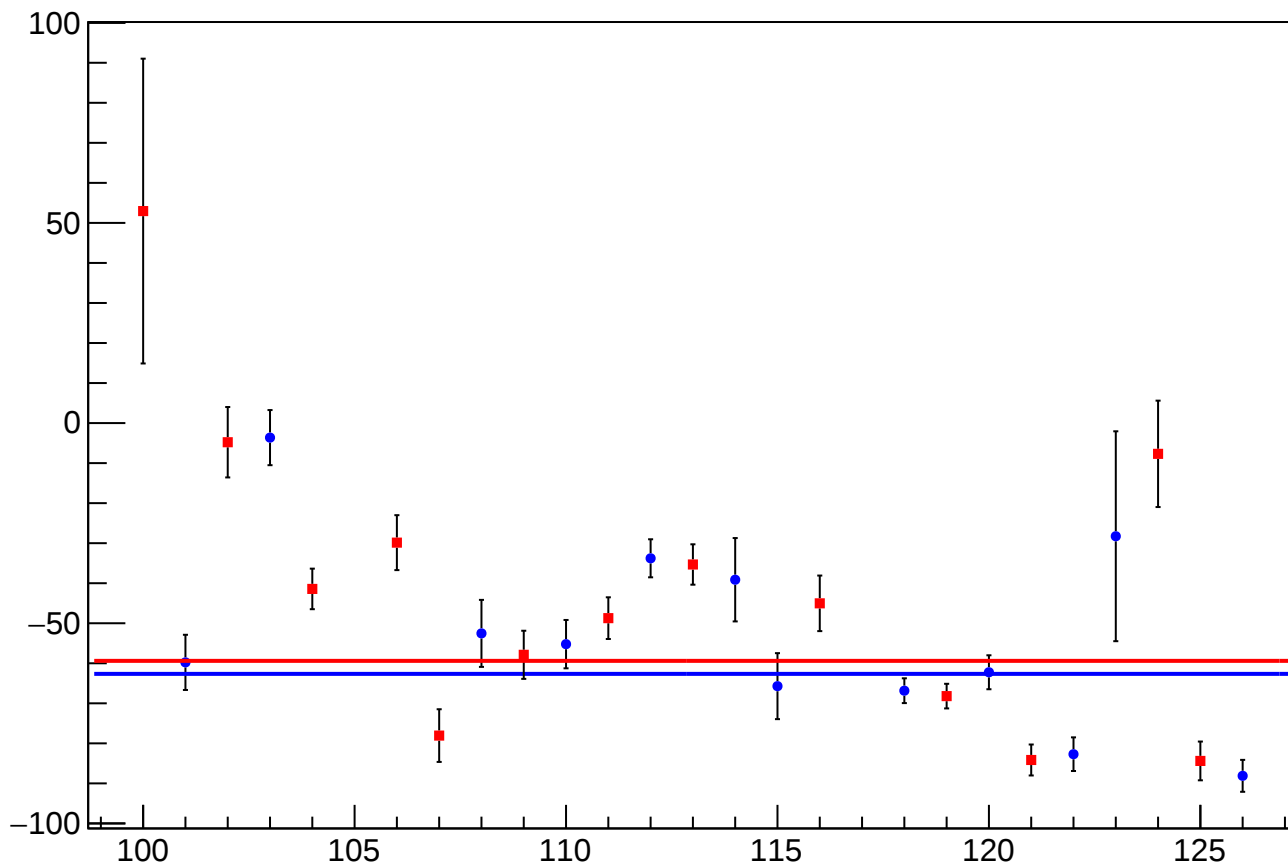
Right: -202.794+/-1.698 χ^2/NDF : 2274.2/24

In: -207.743+/-2.501 χ^2/NDF : 779.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -202.794+/-1.698 χ^2/NDF : 2274.2/24

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -62.645+/-1.520 χ^2/NDF : 185.9/11

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

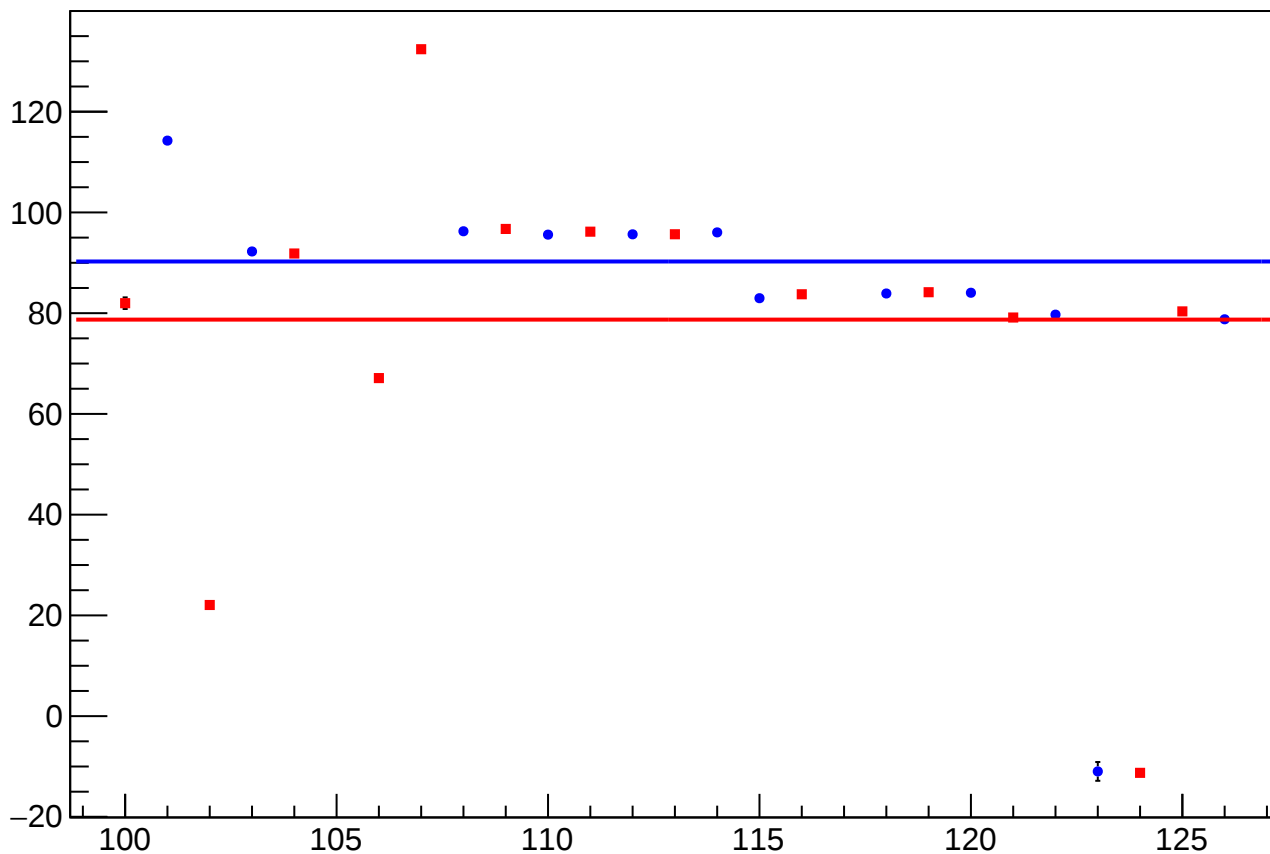
Right: -61.002+/-1.069 χ^2/NDF : 397.0/24

In: -62.645+/-1.520 χ^2/NDF : 185.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -61.002+/-1.069 χ^2/NDF : 397.0/24

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 90.261+/-0.091 χ^2/NDF : 11463.5/11

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

Right Out: 78.721+/-0.080 χ^2/NDF : 128965.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

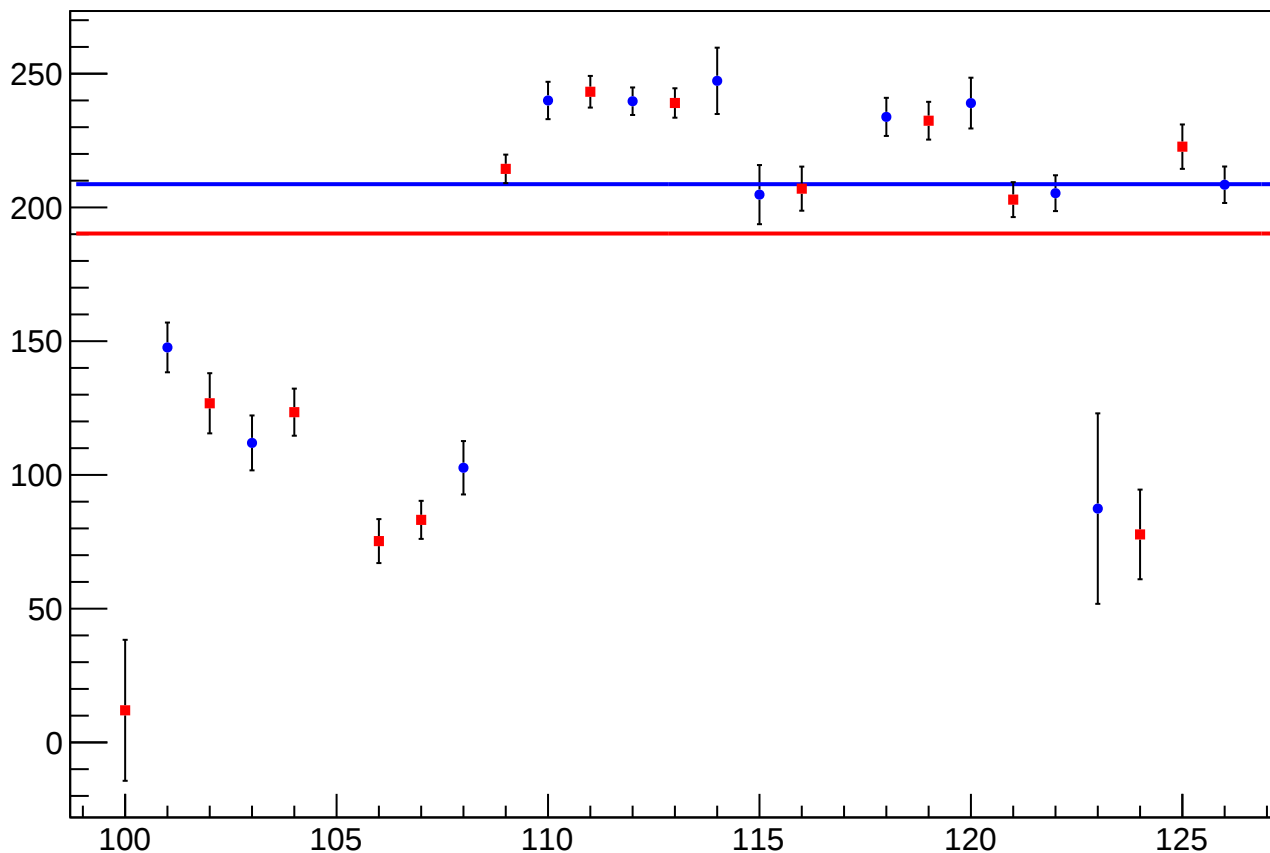
Right: 83.791+/-0.060 χ^2/NDF : 149504.9/24

In: 90.261+/-0.091 χ^2/NDF :11463.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 83.791+/-0.060 χ^2/NDF : 149504.9/24

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 208.694 $\pm$ 2.361 χ^2 /NDF: 345.5/11

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

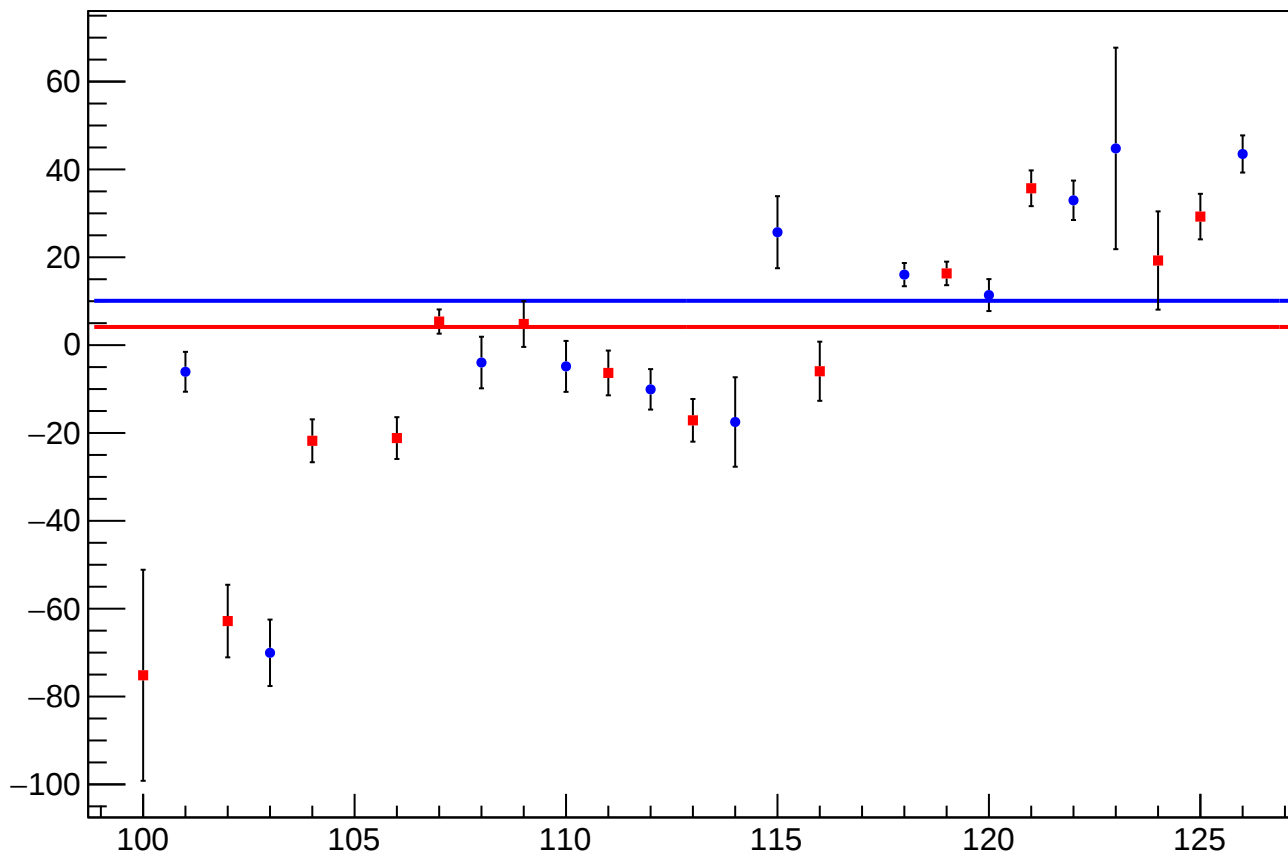
Right: 198.333 $\pm$ 1.563 χ^2 /NDF: 1220.4/24

In: 208.694 $\pm$ 2.361 χ^2 /NDF:345.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 198.333 $\pm$ 1.563 χ^2 /NDF: 1220.4/24

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.090+/-1.383 χ^2/NDF : 263.3/11

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

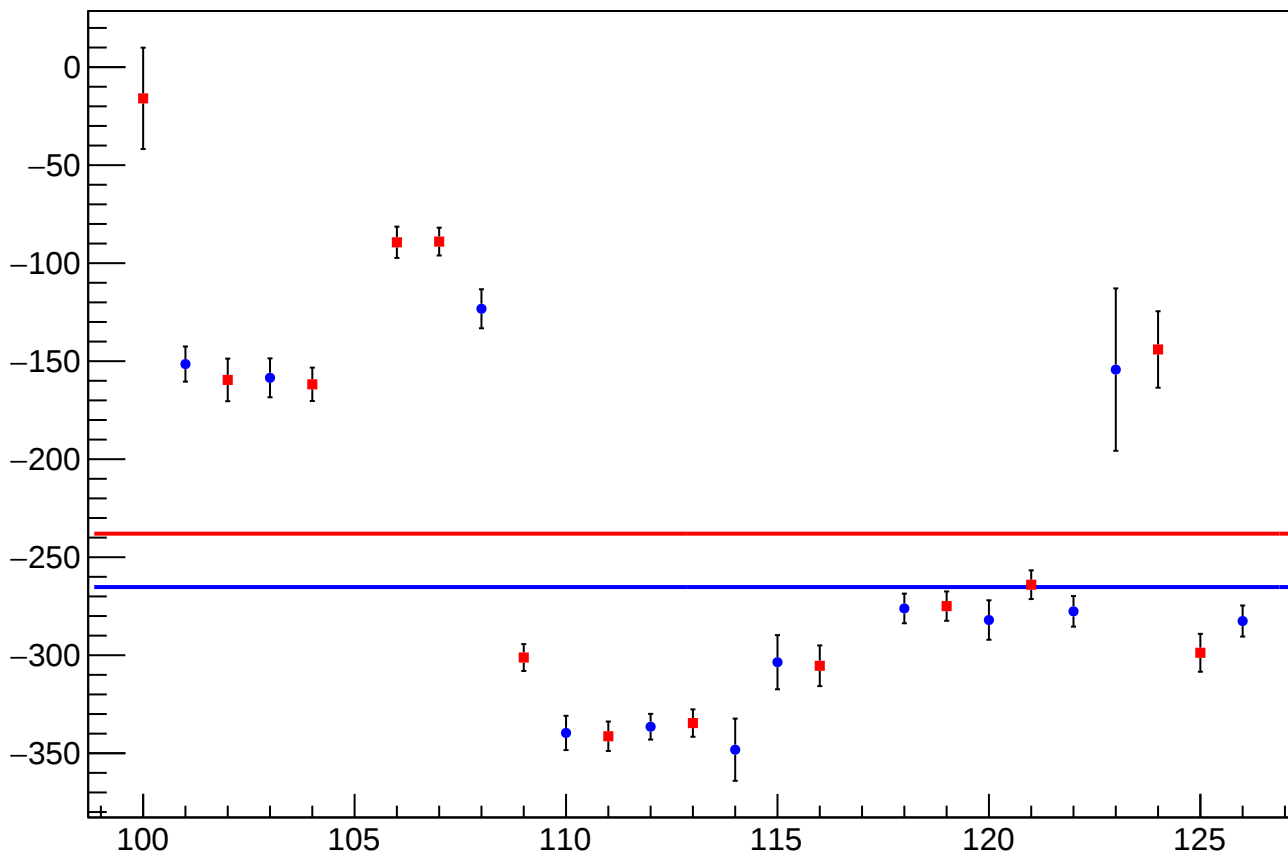
Right: 6.861+/-0.936 χ^2/NDF : 538.5/24

In: 10.090+/-1.383 χ^2/NDF : 263.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.861+/-0.936 χ^2/NDF : 538.5/24

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -265.230+/-2.687 χ^2 /NDF: 725.4/11

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

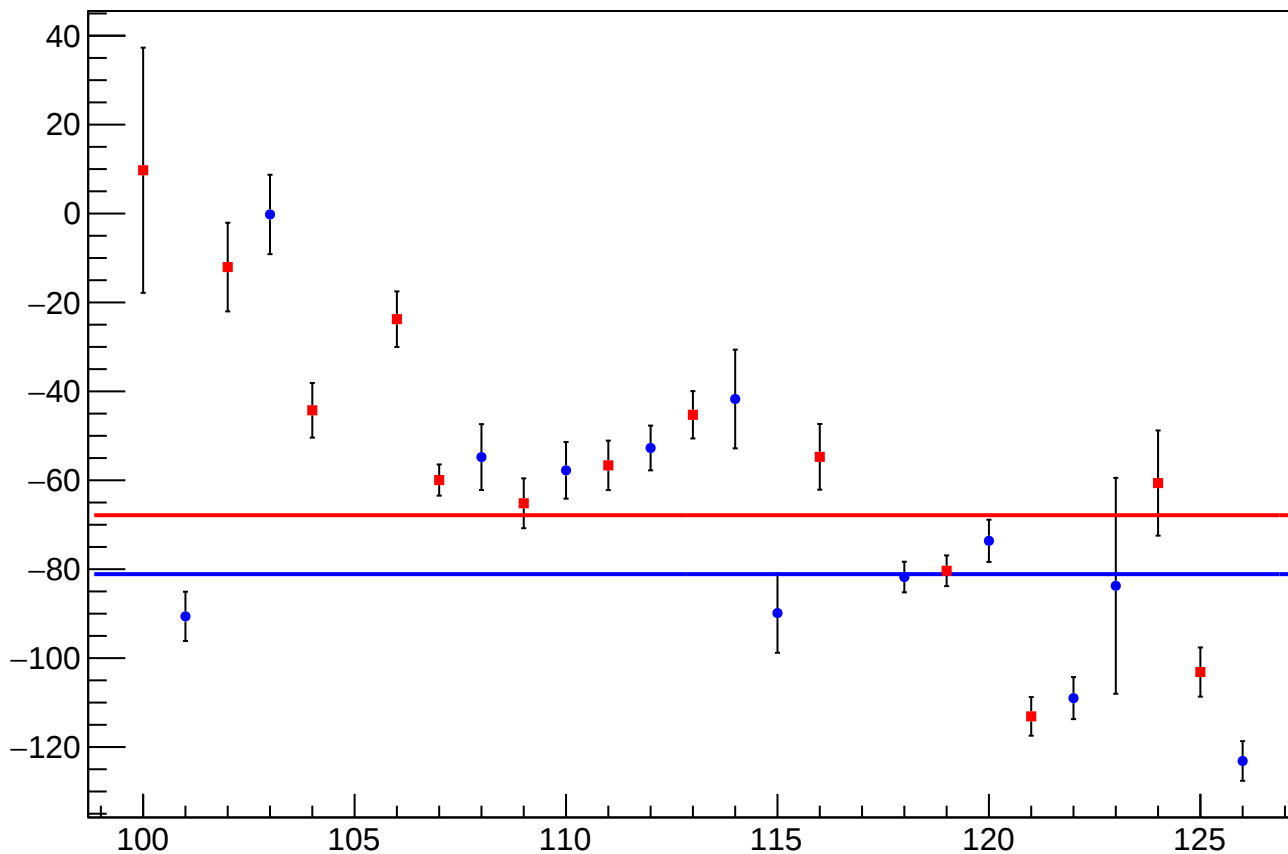
Right: -249.910+/-1.778 χ^2 /NDF: 2384.0/24

In: -265.230+/-2.687 χ^2 /NDF:725.4/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -249.910+/-1.778 χ^2 /NDF: 2384.0/24

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -81.113 $\pm$ 1.636 χ^2 /NDF: 282.7/11

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

Right Out: -67.858 $\pm$ 1.509 χ^2 /NDF: 296.7/12

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

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

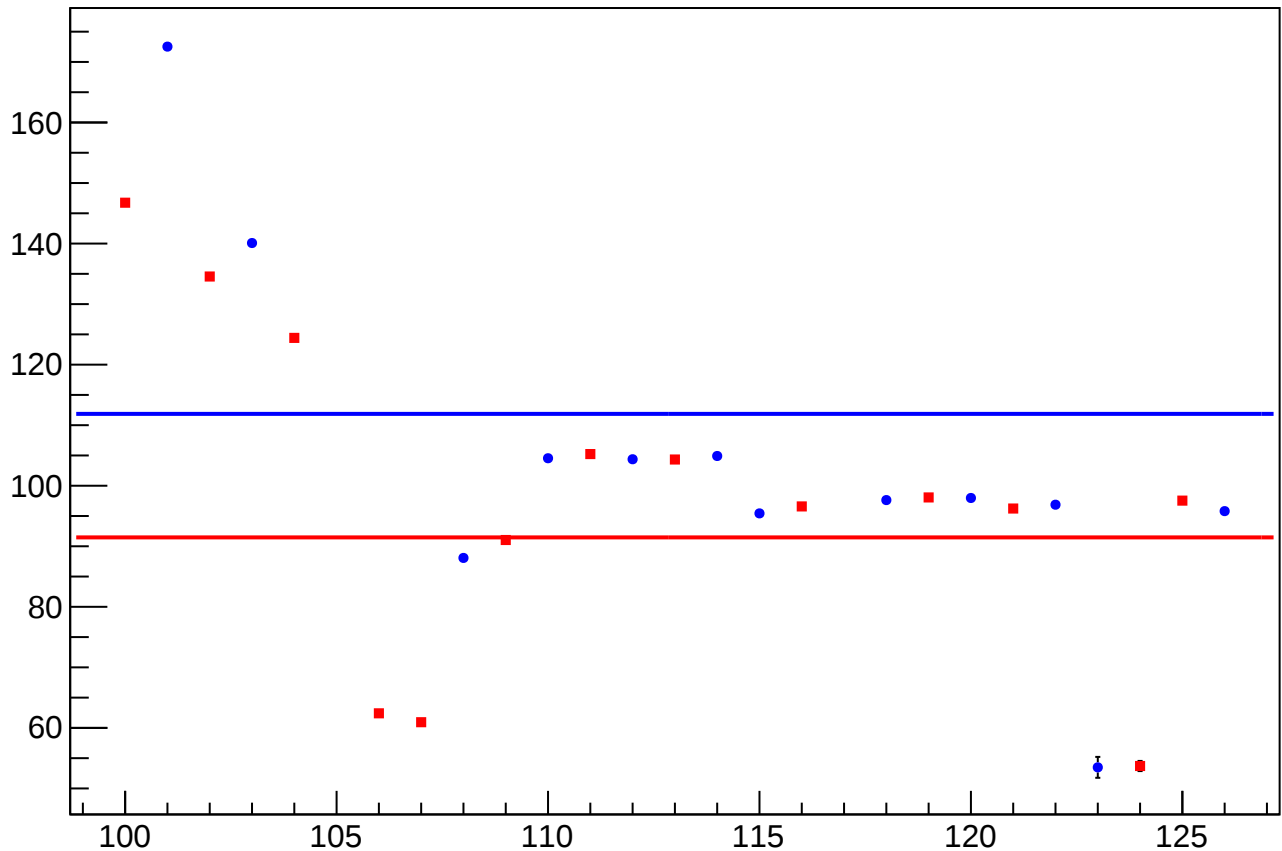
Right: -73.952 $\pm$ 1.109 χ^2 /NDF: 614.9/24

In: -81.113 $\pm$ 1.636 χ^2 /NDF:282.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -73.952 $\pm$ 1.109 χ^2 /NDF: 614.9/24

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 111.869+/-0.098 χ^2/NDF : 72830.1/11

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

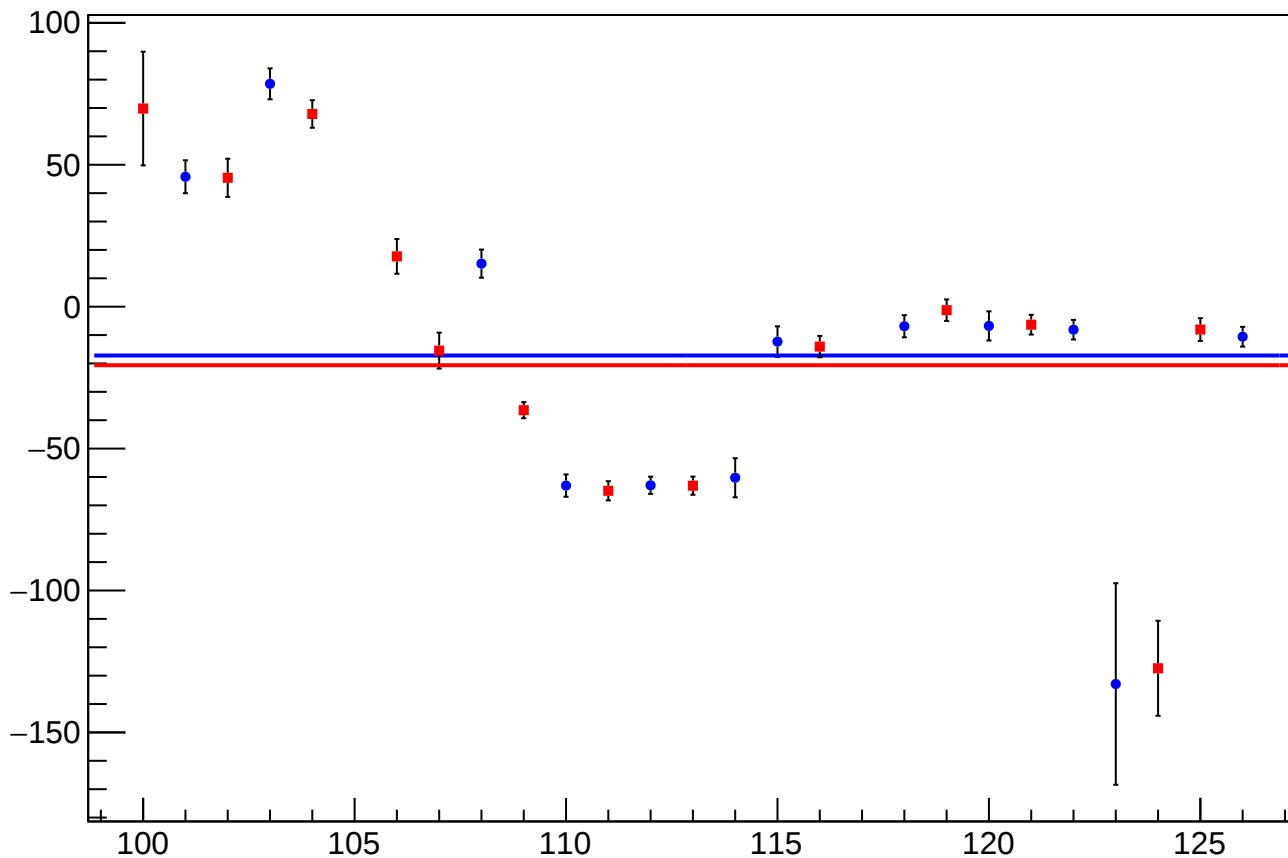
Right: 99.548+/-0.062 χ^2/NDF : 214889.0/24

In: 111.869+/-0.098 χ^2/NDF : 72830.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.548+/-0.062 χ^2/NDF : 214889.0/24

reg_asym_atl_dd_atr_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -17.205+/-1.286 χ^2/NDF : 905.0/11

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

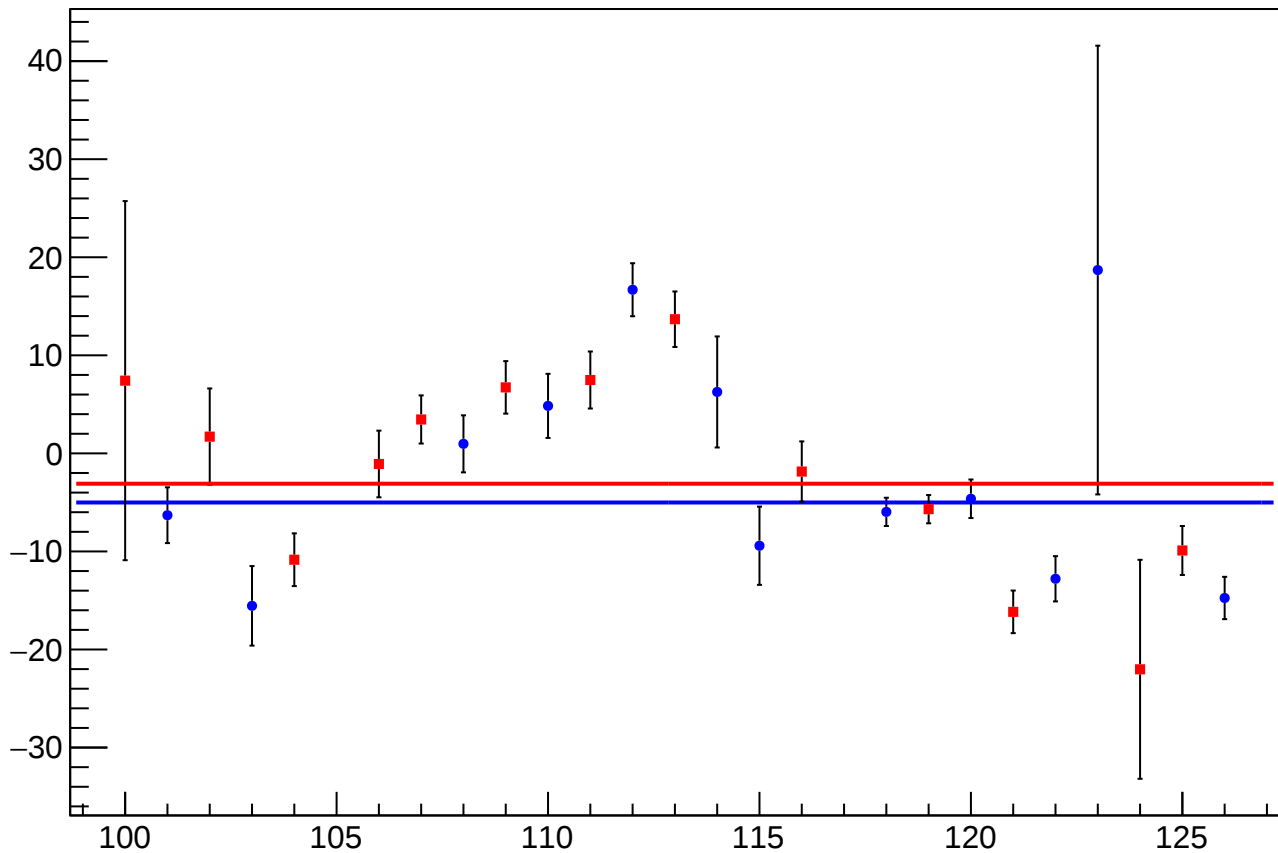
Right: -19.060+/-0.869 χ^2/NDF : 1873.2/24

In: -17.205+/-1.286 χ^2/NDF : 905.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.060+/-0.869 χ^2/NDF : 1873.2/24

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.008+/-0.751 χ^2 /NDF: 123.1/11

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

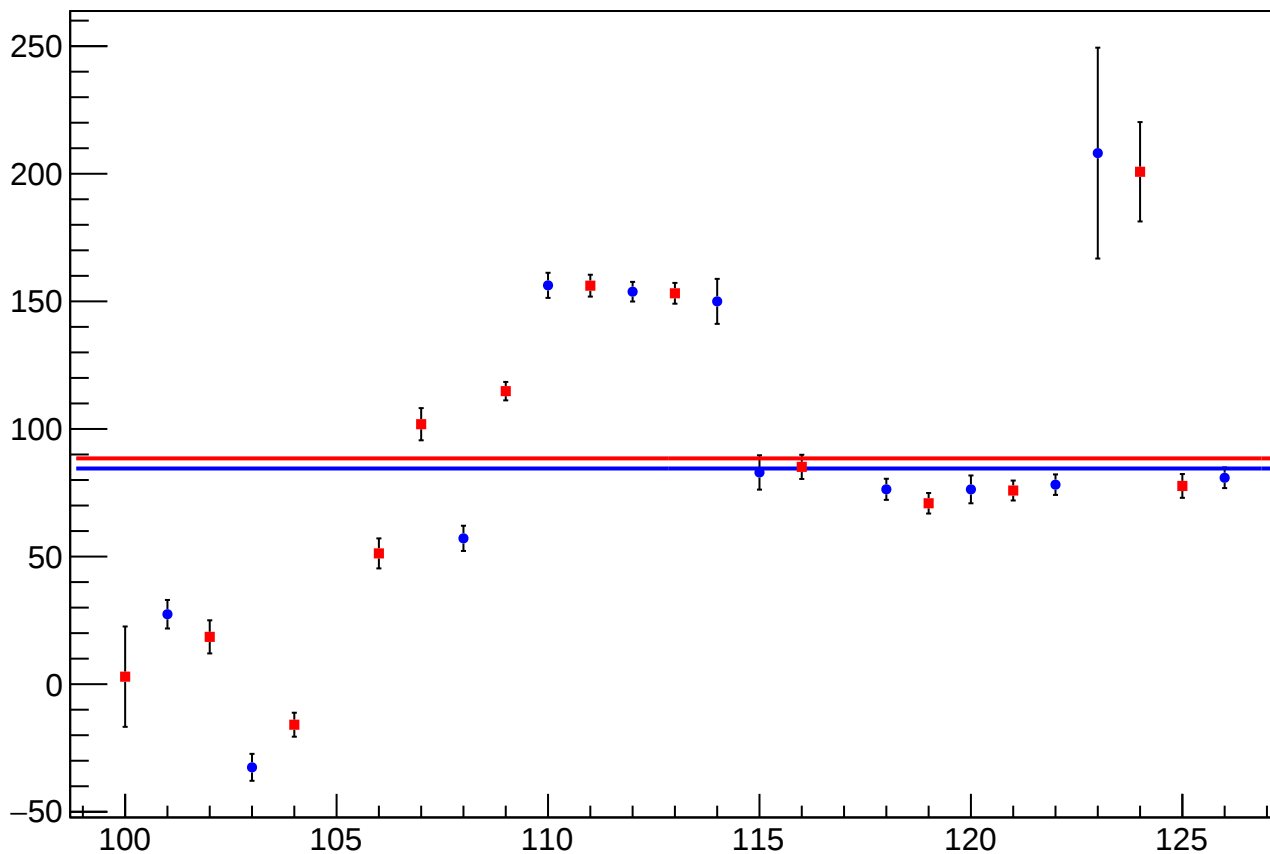
Right: -4.047+/-0.530 χ^2 /NDF: 255.2/24

In: -5.008+/-0.751 χ^2 /NDF:123.1/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -4.047+/-0.530 χ^2 /NDF: 255.2/24

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 84.509+/-1.461 χ^2 /NDF: 1237.7/11

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

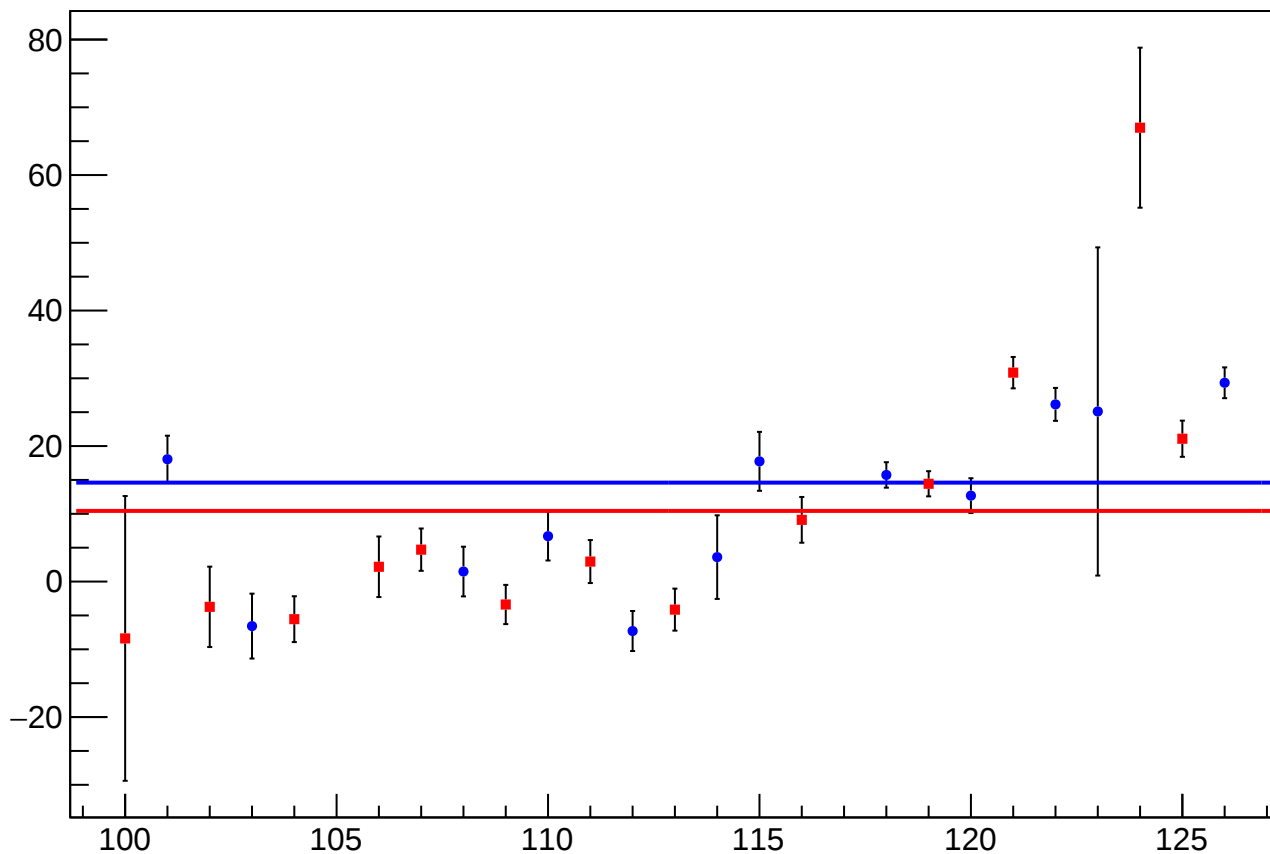
Right: 86.626+/-0.997 χ^2 /NDF: 2538.3/24

In: 84.509+/-1.461 χ^2 /NDF:1237.7/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 86.626+/-0.997 χ^2 /NDF: 2538.3/24

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 14.604+/-0.887 χ^2/NDF : 162.5/11

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

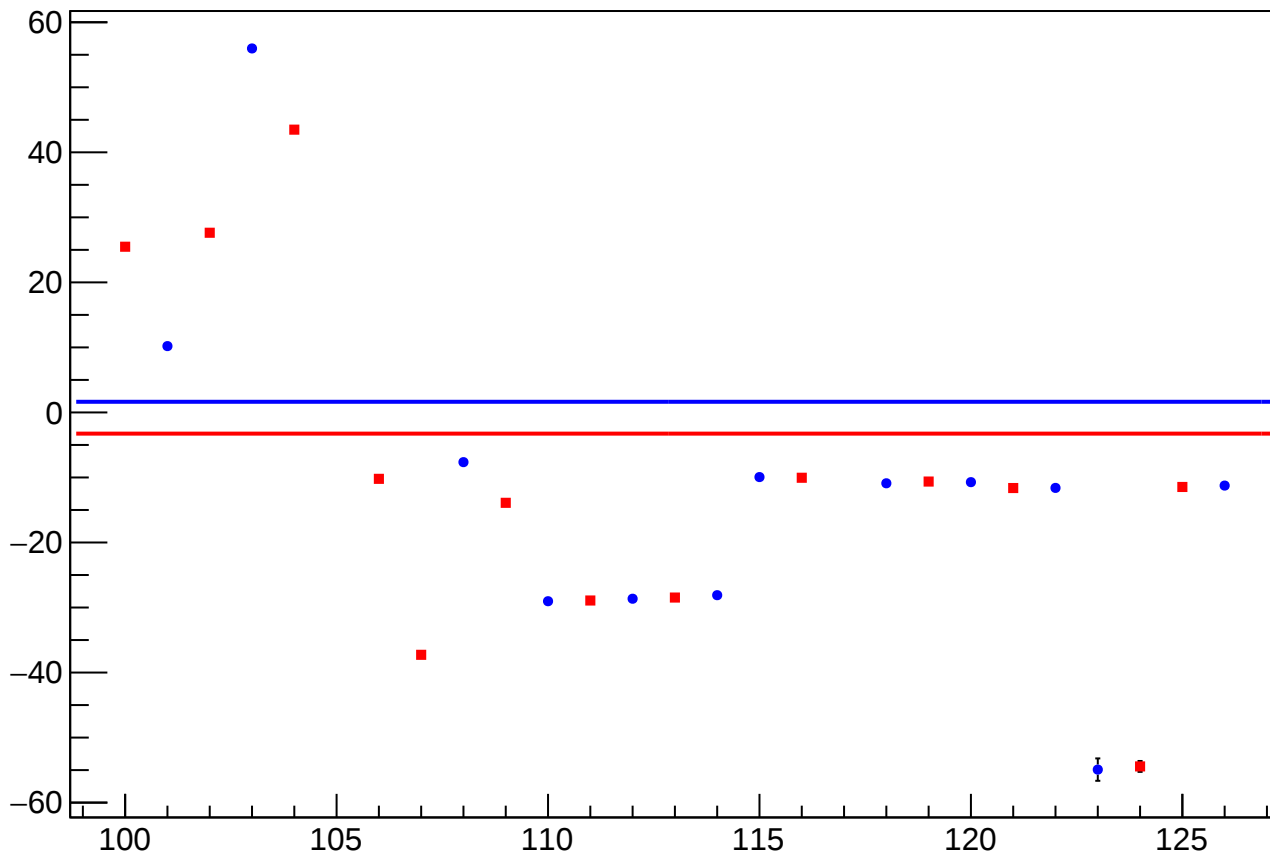
Right: 12.489+/-0.623 χ^2/NDF : 380.9/24

In: 14.604+/-0.887 χ^2/NDF : 162.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.489+/-0.623 χ^2/NDF : 380.9/24

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.639+/-0.053 χ^2/NDF : 291902.9/11

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

Right Out: -3.258+/-0.049 χ^2/NDF : 303717.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

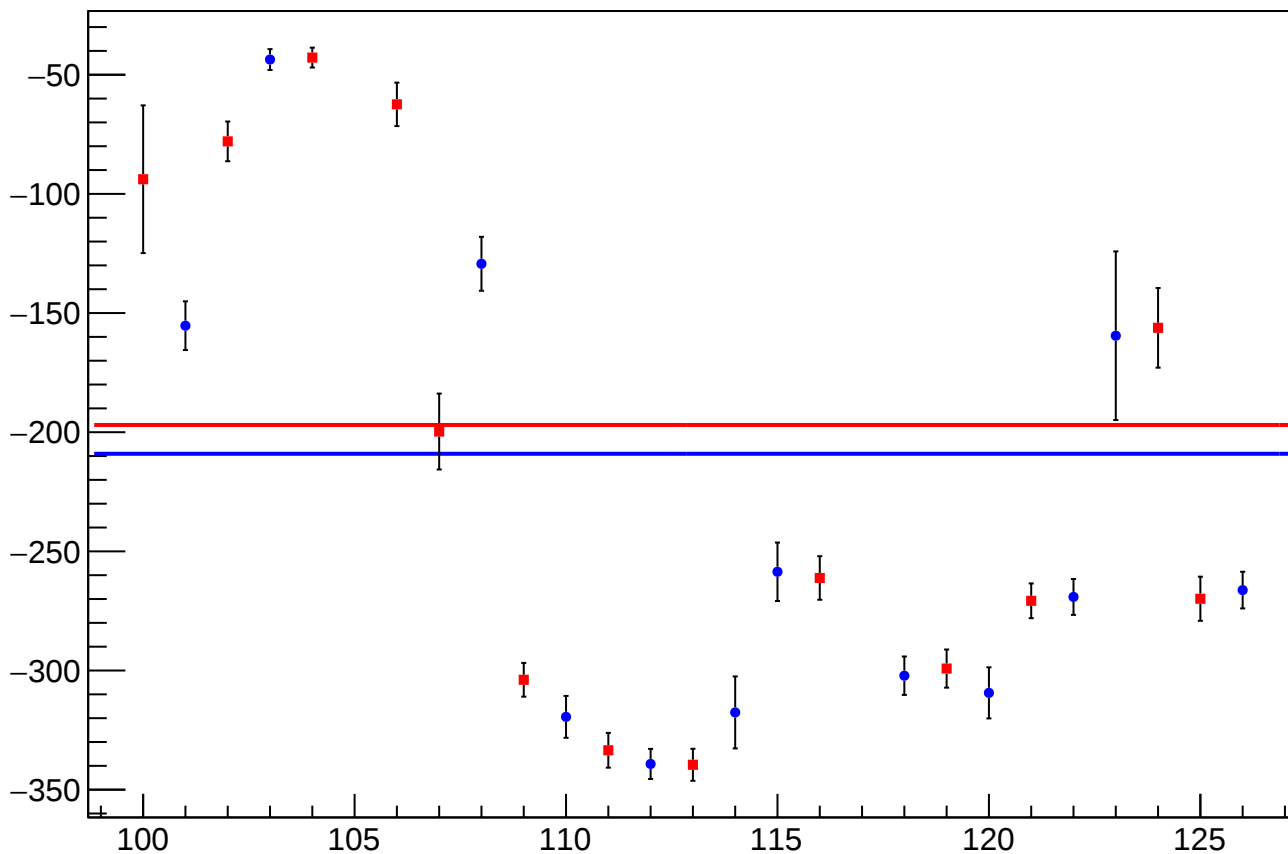
Right: -0.972+/-0.036 χ^2/NDF : 600251.0/24

In: 1.639+/-0.053 χ^2/NDF : 291902.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.972+/-0.036 χ^2/NDF : 600251.0/24

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -209.050+/-2.369 χ^2/NDF : 2502.1/11

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

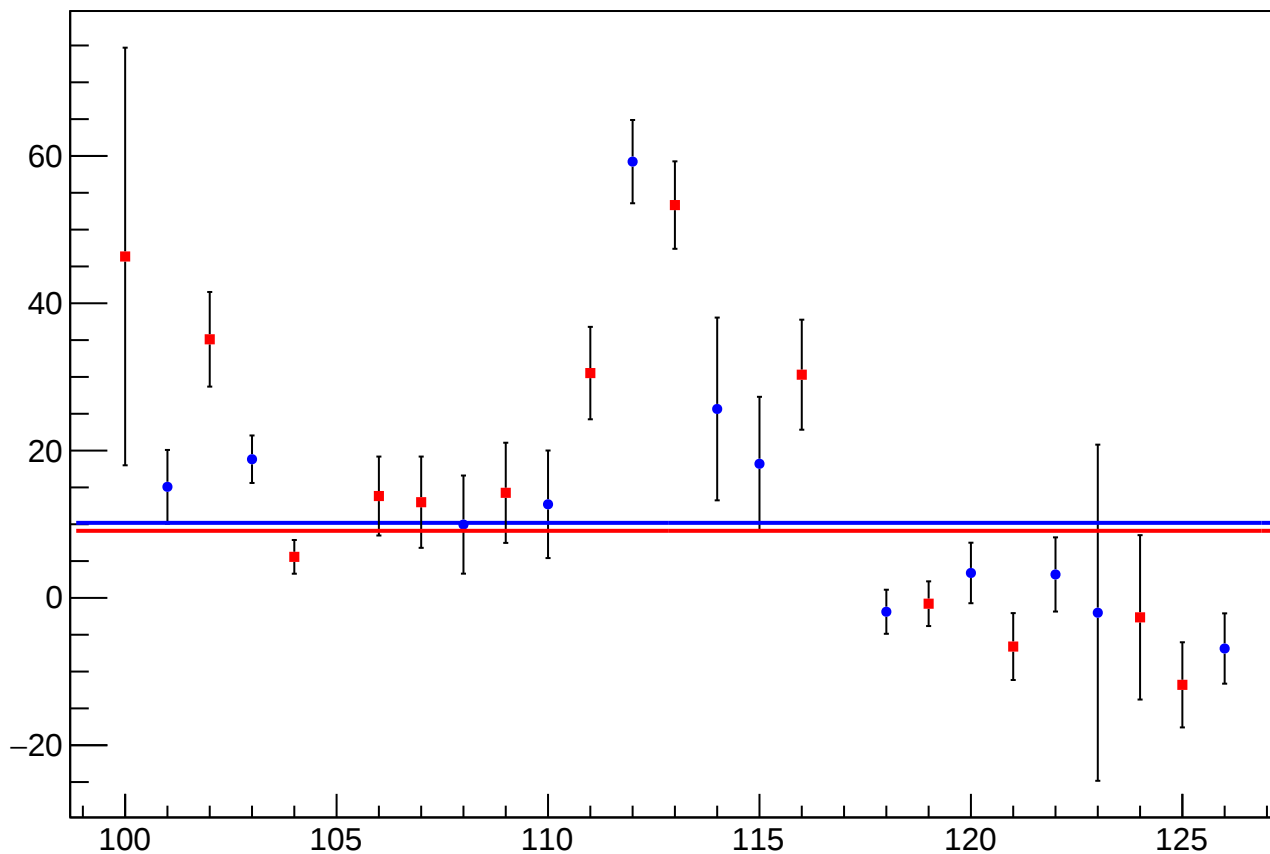
Right: -202.489+/-1.602 χ^2/NDF : 5729.5/24

In: -209.050+/-2.369 χ^2/NDF :2502.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -202.489+/-1.602 χ^2/NDF : 5729.5/24

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.190+/-1.438 χ^2/NDF : 119.9/11

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

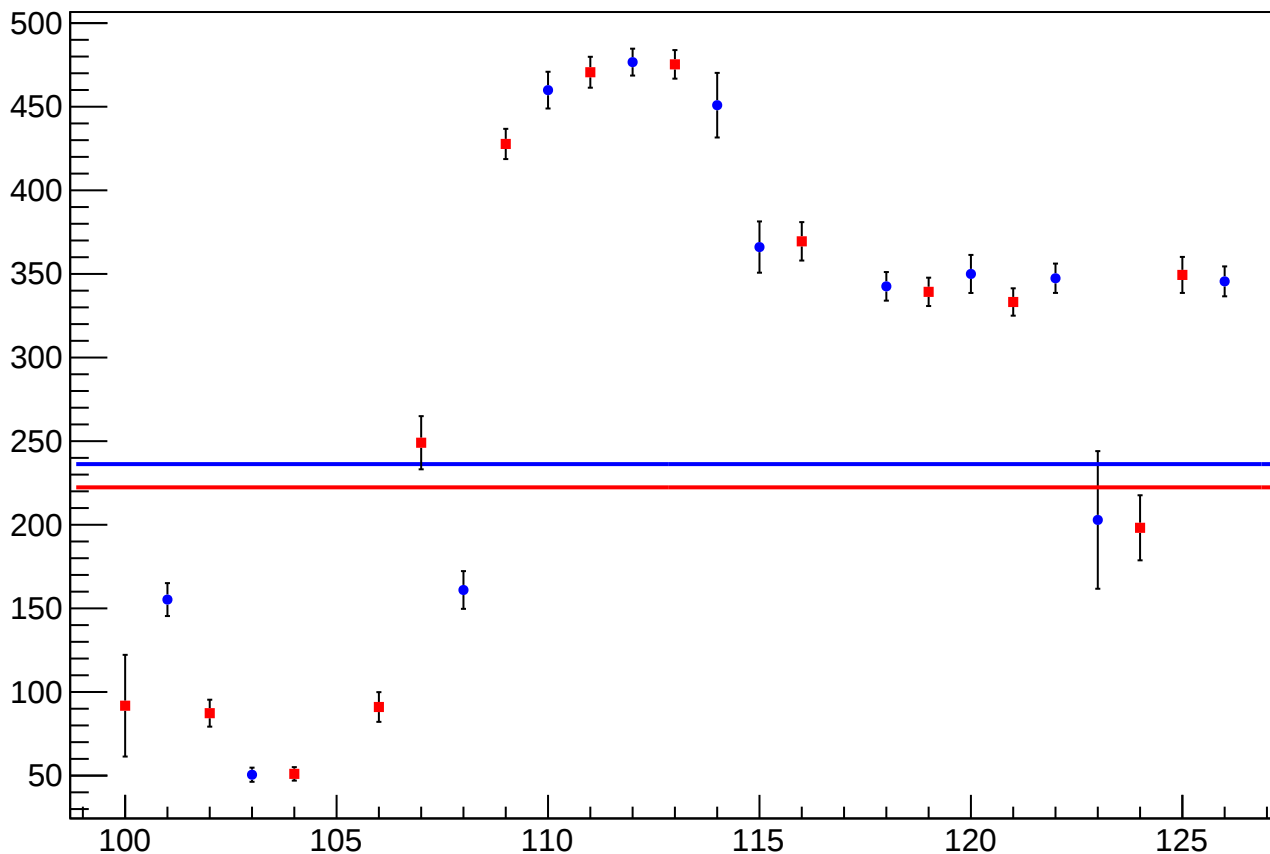
Right: 9.607+/-0.976 χ^2/NDF : 254.4/24

In: 10.190+/-1.438 χ^2/NDF : 119.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.607+/-0.976 χ^2/NDF : 254.4/24

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 236.275+/-2.563 χ^2/NDF : 4110.5/11

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

Right Out: 222.378+/-2.358 χ^2/NDF : 5116.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

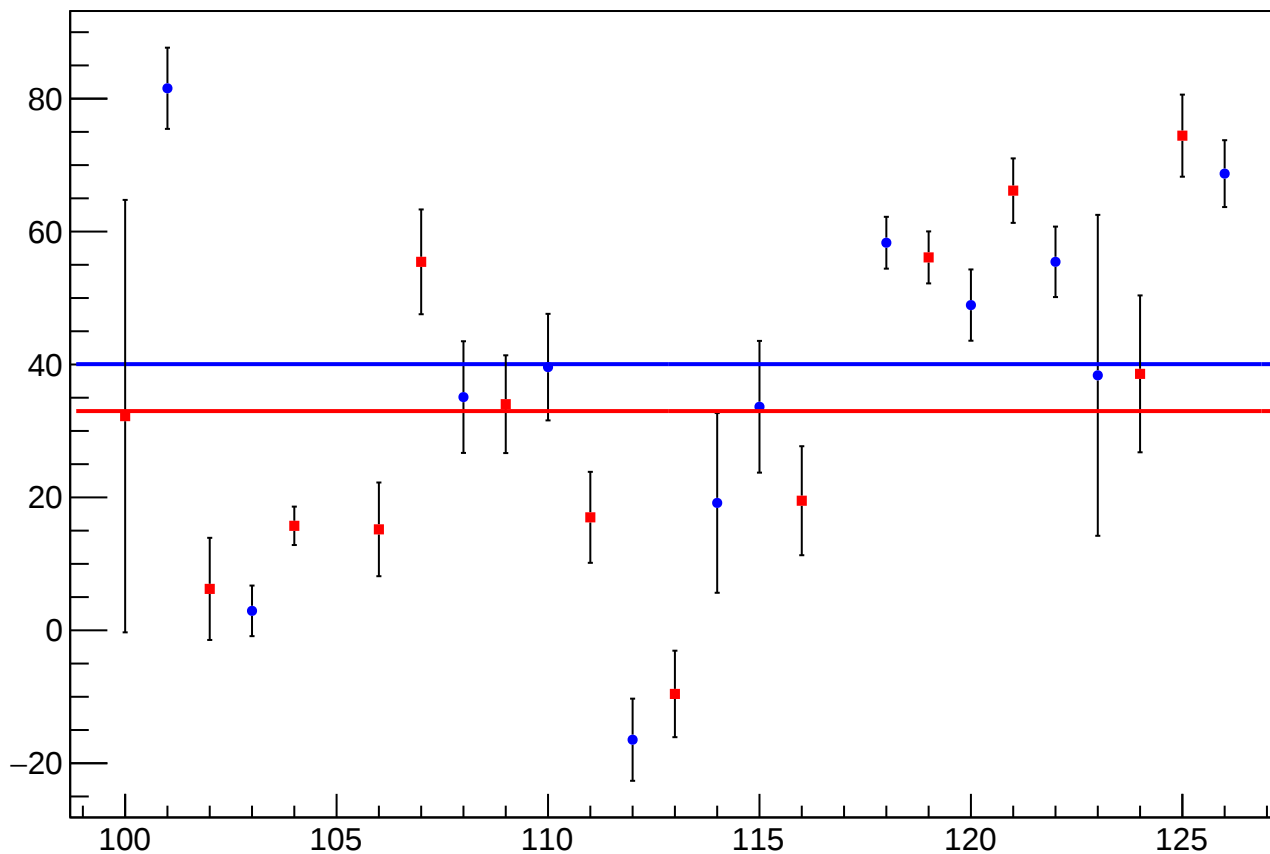
Right: 228.749+/-1.735 χ^2/NDF : 9243.0/24

In: 236.275+/-2.563 χ^2/NDF : 4110.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.749+/-1.735 χ^2/NDF : 9243.0/24

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.052+/-1.703 χ^2/NDF : 293.7/11

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

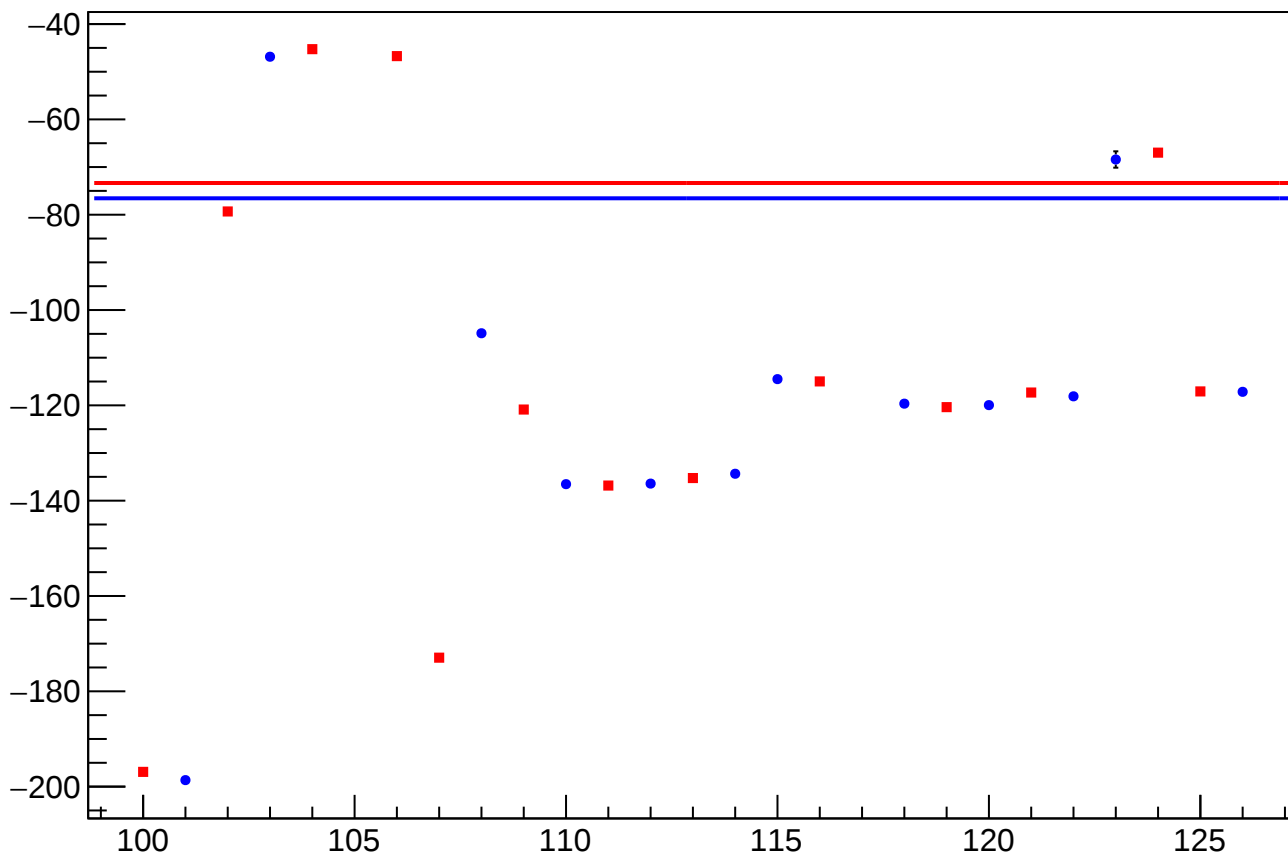
Right: 36.288+/-1.164 χ^2/NDF : 543.0/24

In: 40.052+/-1.703 χ^2/NDF : 293.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.288+/-1.164 χ^2/NDF : 543.0/24

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -76.556+/-0.076 χ^2/NDF : 320851.7/11

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

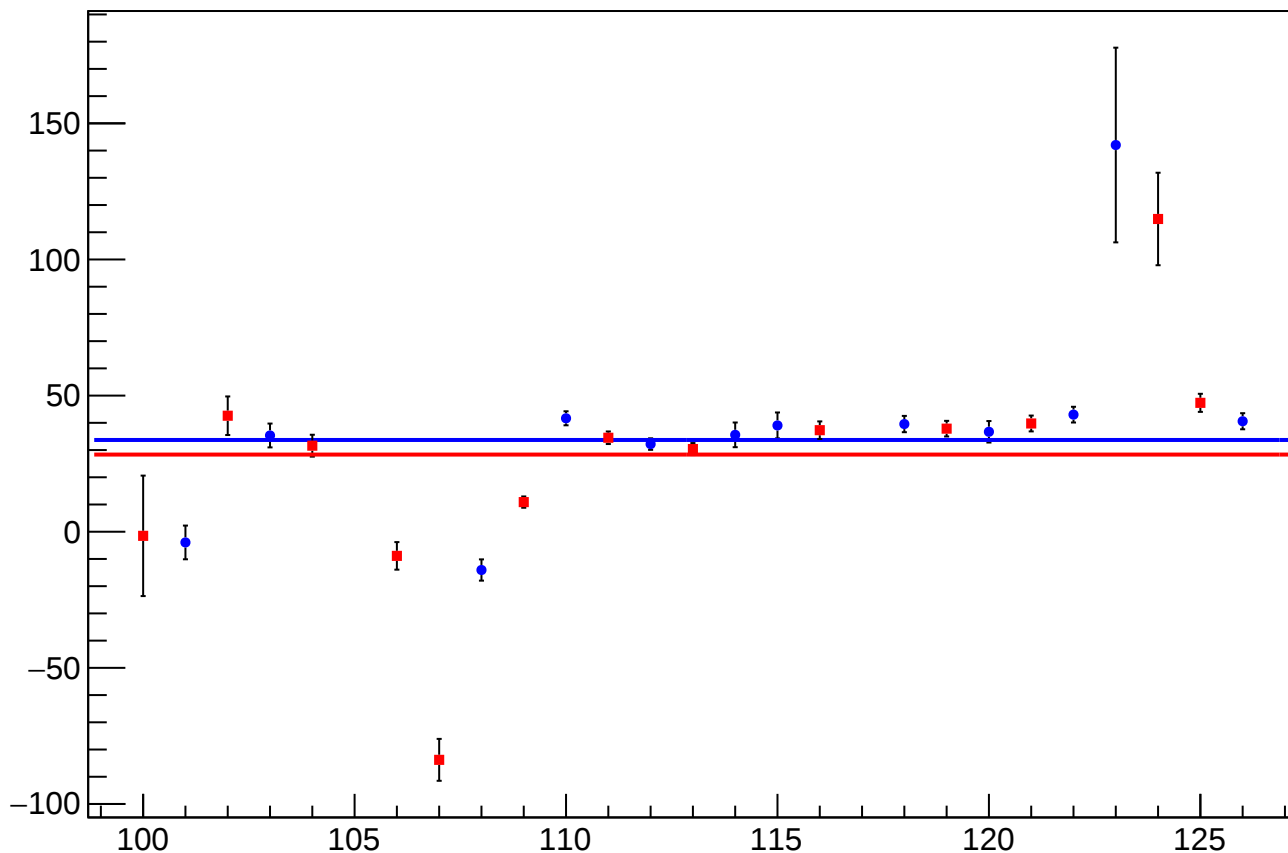
Right: -74.858+/-0.052 χ^2/NDF : 611743.2/24

In: -76.556+/-0.076 χ^2/NDF : 320851.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -74.858+/-0.052 χ^2/NDF : 611743.2/24

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 33.701+/-0.989 χ^2/NDF : 227.4/11

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

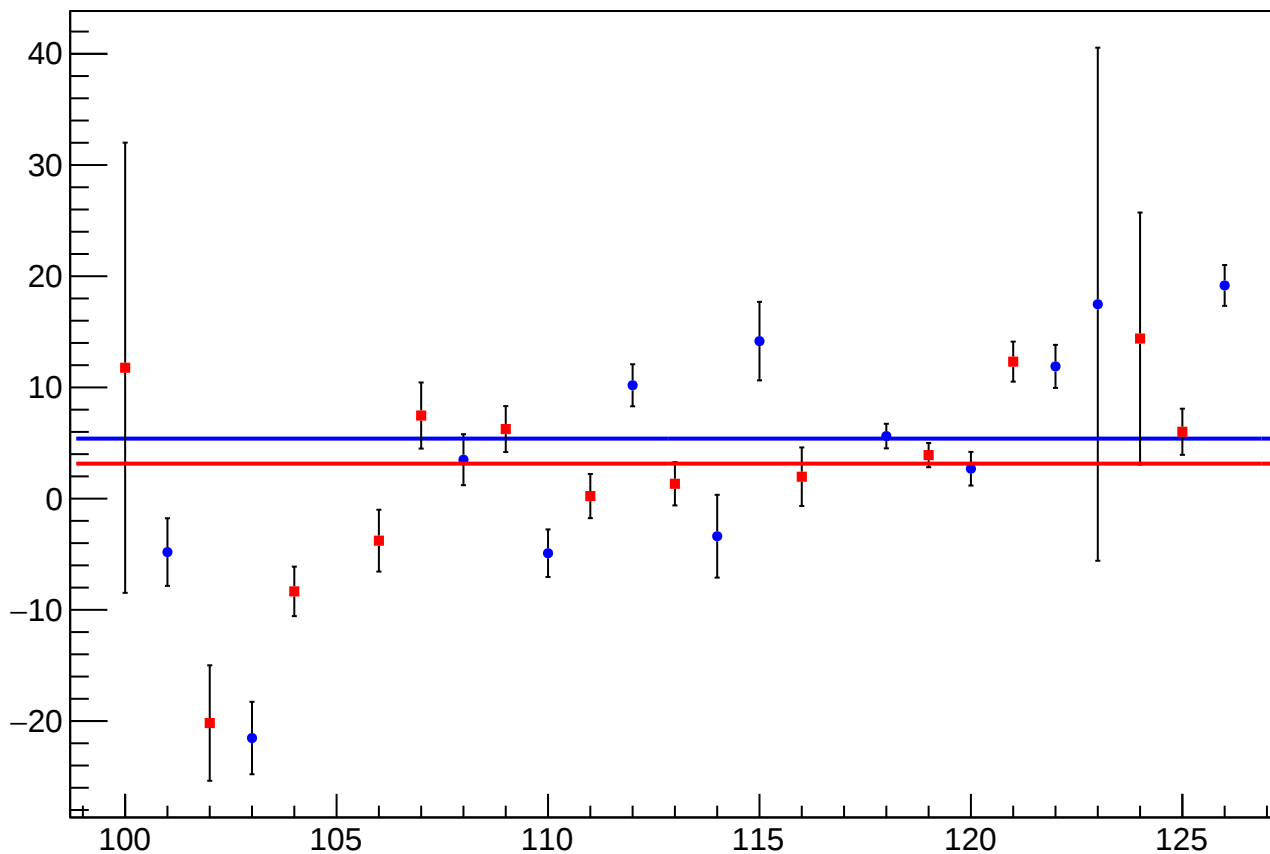
Right: 30.808+/-0.671 χ^2/NDF : 687.9/24

In: 33.701+/-0.989 χ^2/NDF : 227.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.808+/-0.671 χ^2/NDF : 687.9/24

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.398+/-0.591 χ^2/NDF : 192.6/11

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

Right Out: 3.148+/-0.601 χ^2/NDF : 90.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

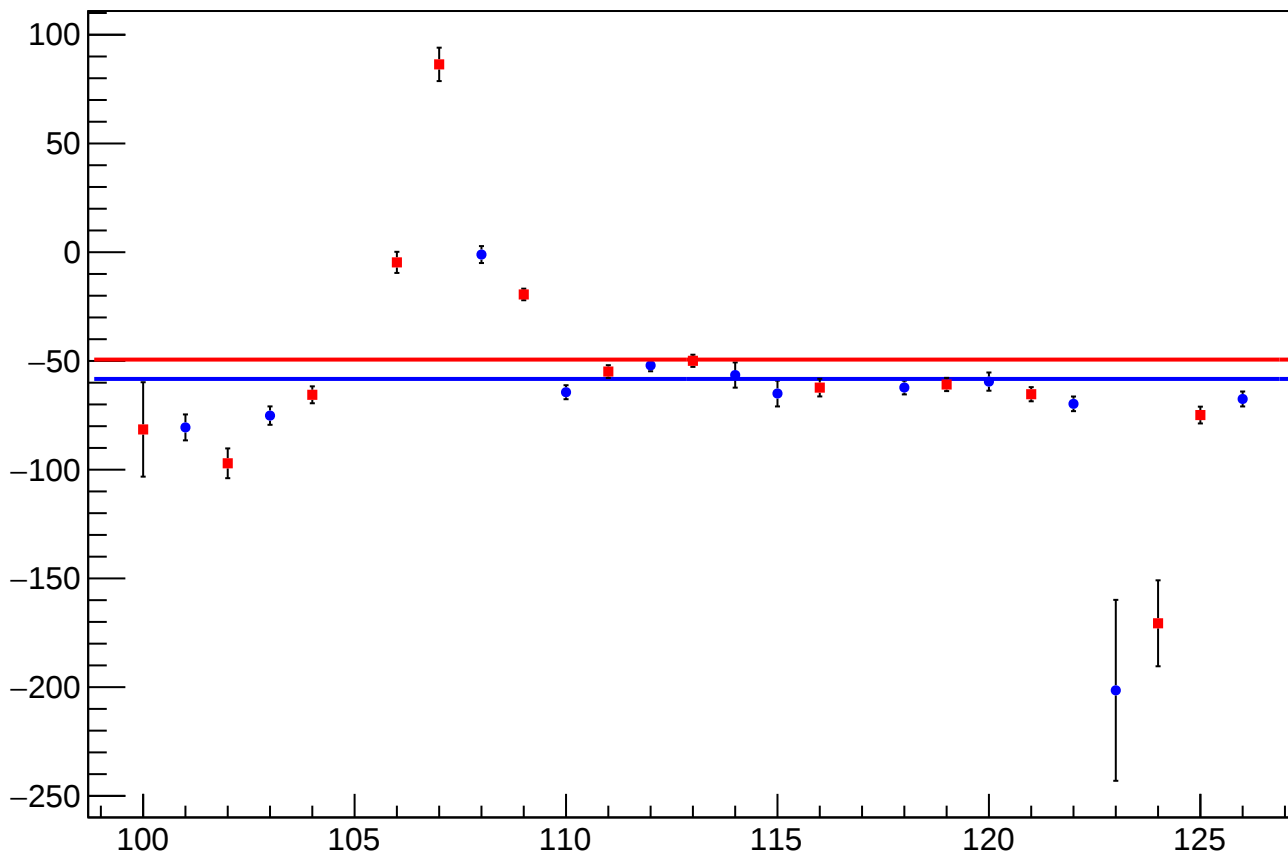
Right: 4.292+/-0.421 χ^2/NDF : 289.9/24

In: 5.398+/-0.591 χ^2/NDF : 192.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.292+/-0.421 χ^2/NDF : 289.9/24

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -58.272 $\pm$ 1.139 χ^2 /NDF: 287.9/11

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

Right Out: -49.372 $\pm$ 1.073 χ^2 /NDF: 724.6/12

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

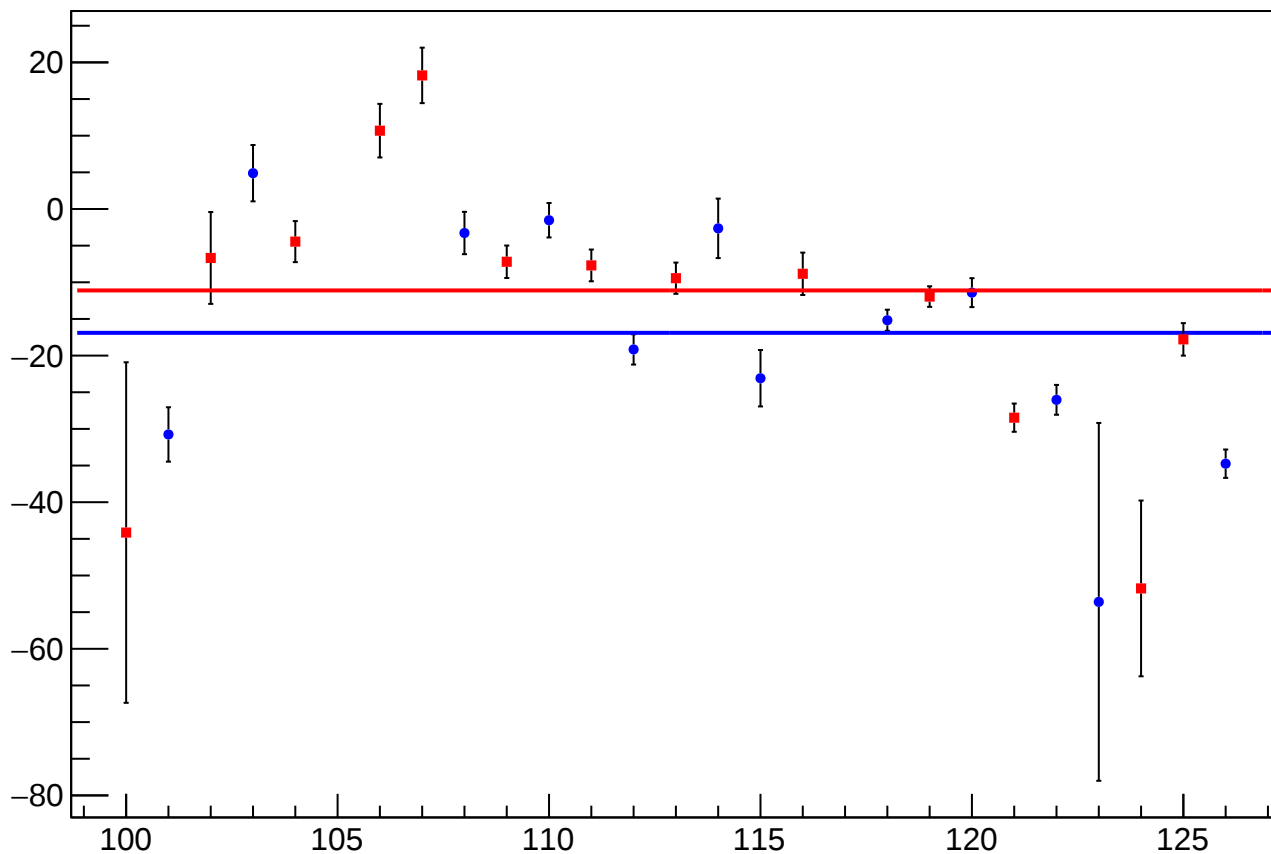
Right: -53.560 $\pm$ 0.781 χ^2 /NDF: 1044.8/24

In: -58.272 $\pm$ 1.139 χ^2 /NDF: 287.9/11

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

All: -53.560 $\pm$ 0.781 χ^2 /NDF: 1044.8/24

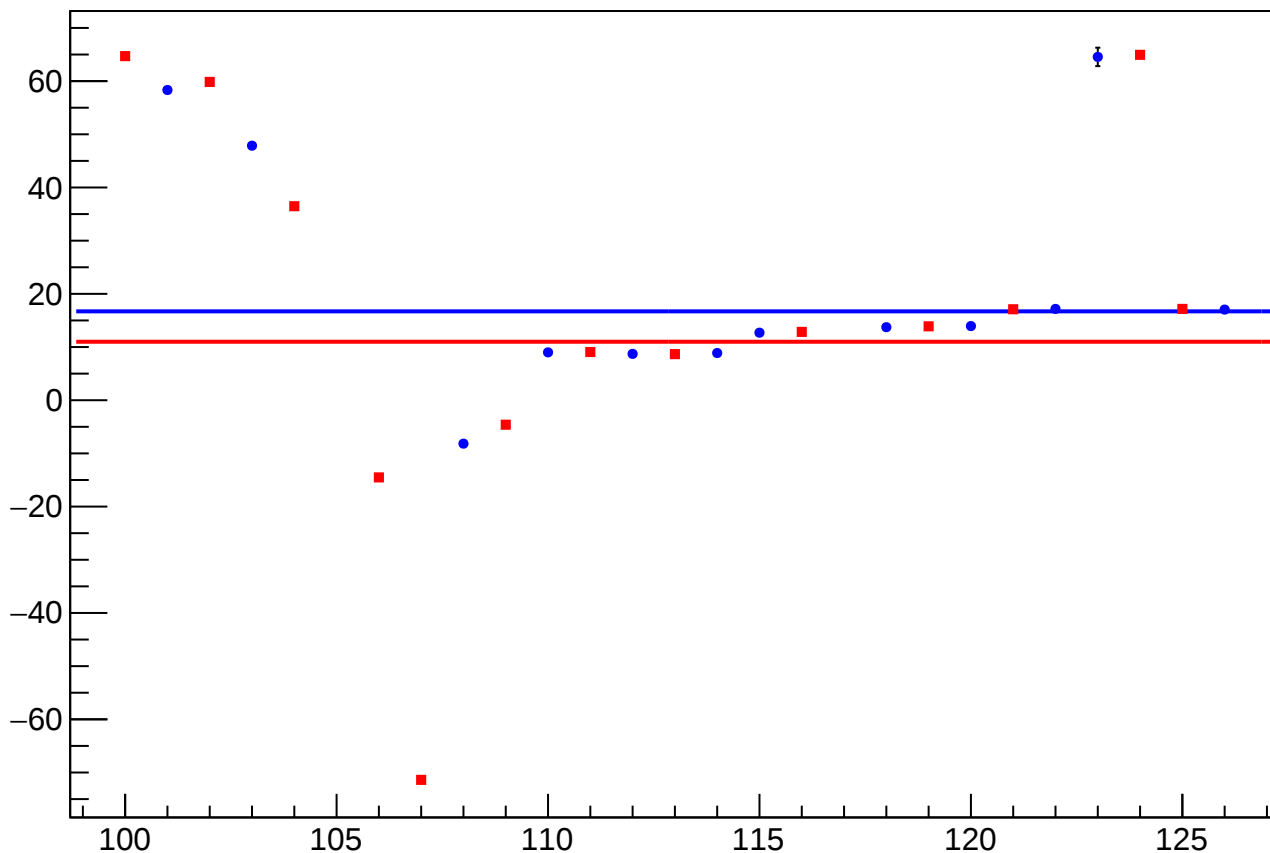
reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.895 $\pm$ 0.698 χ^2 /NDF: 243.8/11
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -11.110 $\pm$ 0.699 χ^2 /NDF: 212.9/12
 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: -14.008 $\pm$ 0.494 χ^2 /NDF: 490.9/24
 In: -16.895 $\pm$ 0.698 χ^2 /NDF:243.8/11
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -14.008 $\pm$ 0.494 χ^2 /NDF: 490.9/24

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 16.710+/-0.042 χ^2/NDF : 233100.5/11

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

Right Out: 10.995+/-0.041 χ^2/NDF : 445944.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

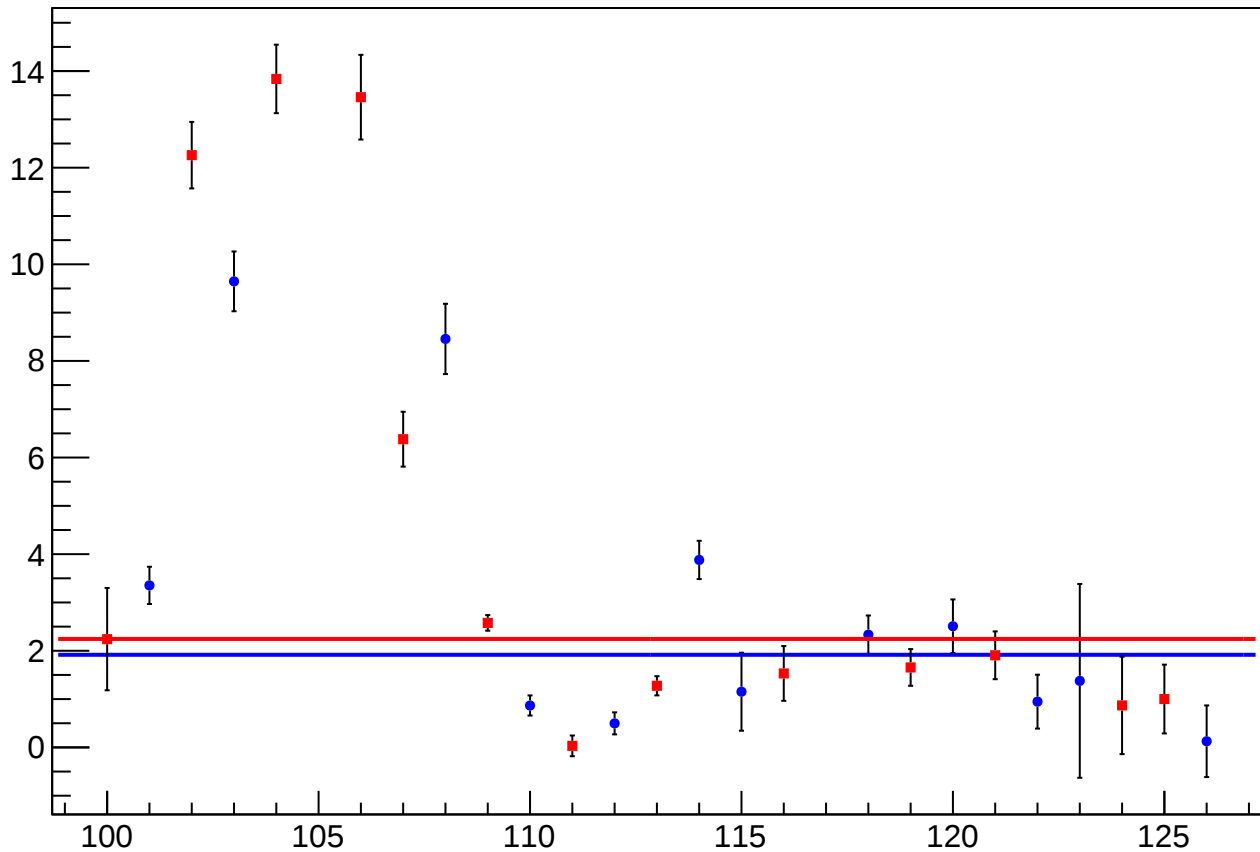
Right: 13.808+/-0.029 χ^2/NDF : 688631.3/24

In: 16.710+/-0.042 χ^2/NDF : 233100.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.808+/-0.029 χ^2/NDF : 688631.3/24

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.917+/-0.114 χ^2/NDF : 351.5/11

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

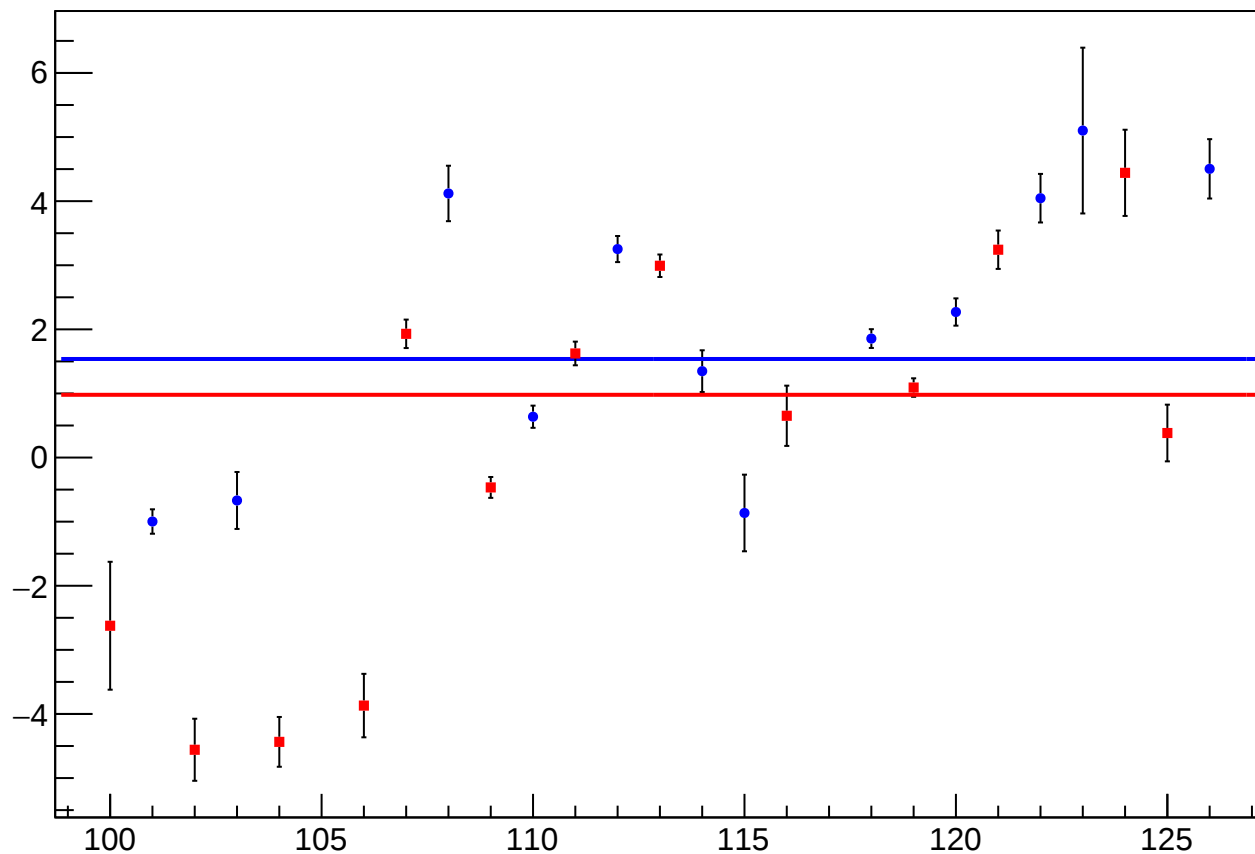
Right: 2.112+/-0.073 χ^2/NDF : 1196.0/24

In: 1.917+/-0.114 χ^2/NDF : 351.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.112+/-0.073 χ^2/NDF : 1196.0/24

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.538+/-0.073 χ^2/NDF : 461.0/11

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

Right Out: 0.979+/-0.070 χ^2/NDF : 761.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

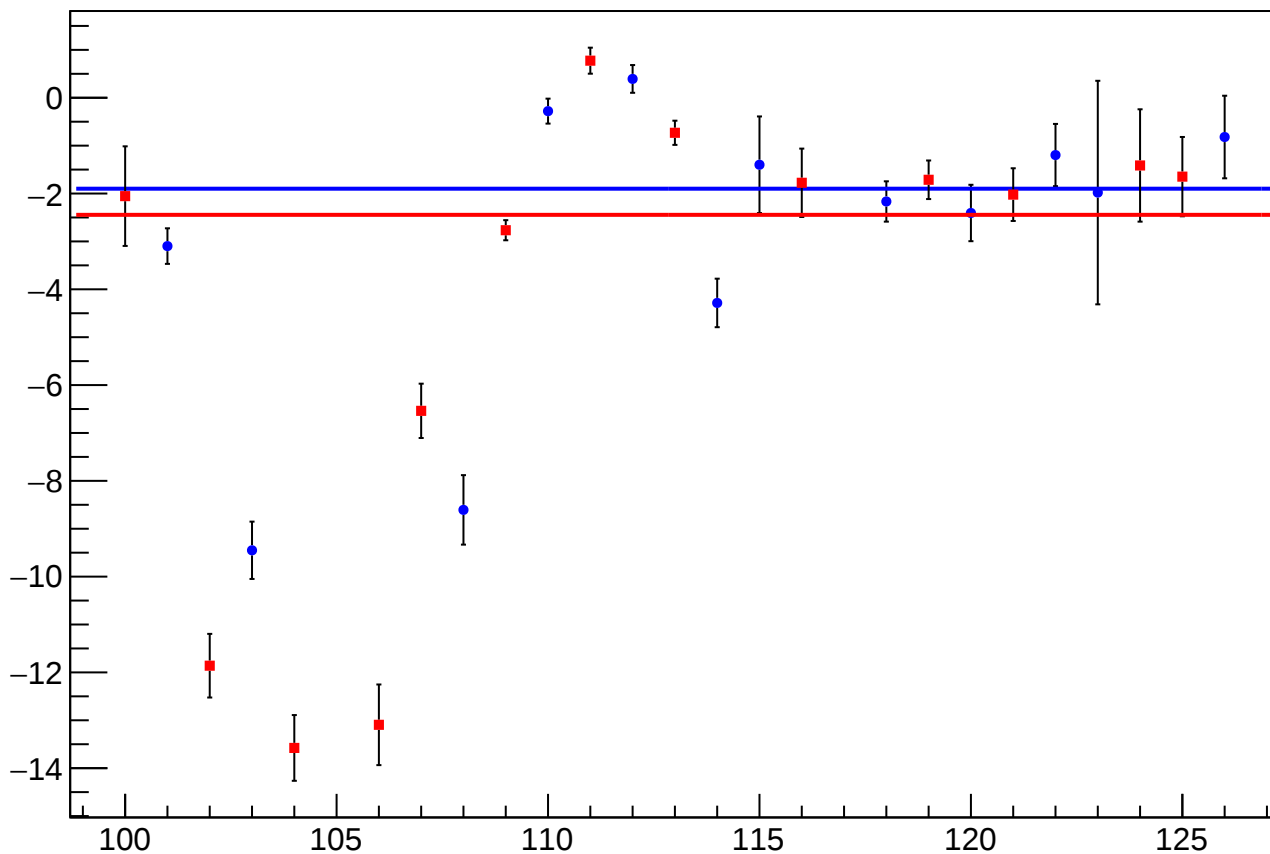
Right: 1.245+/-0.050 χ^2/NDF : 1253.5/24

In: 1.538+/-0.073 χ^2/NDF : 461.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.245+/-0.050 χ^2/NDF : 1253.5/24

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.899 ± 0.134 χ^2/NDF : 382.6/11

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

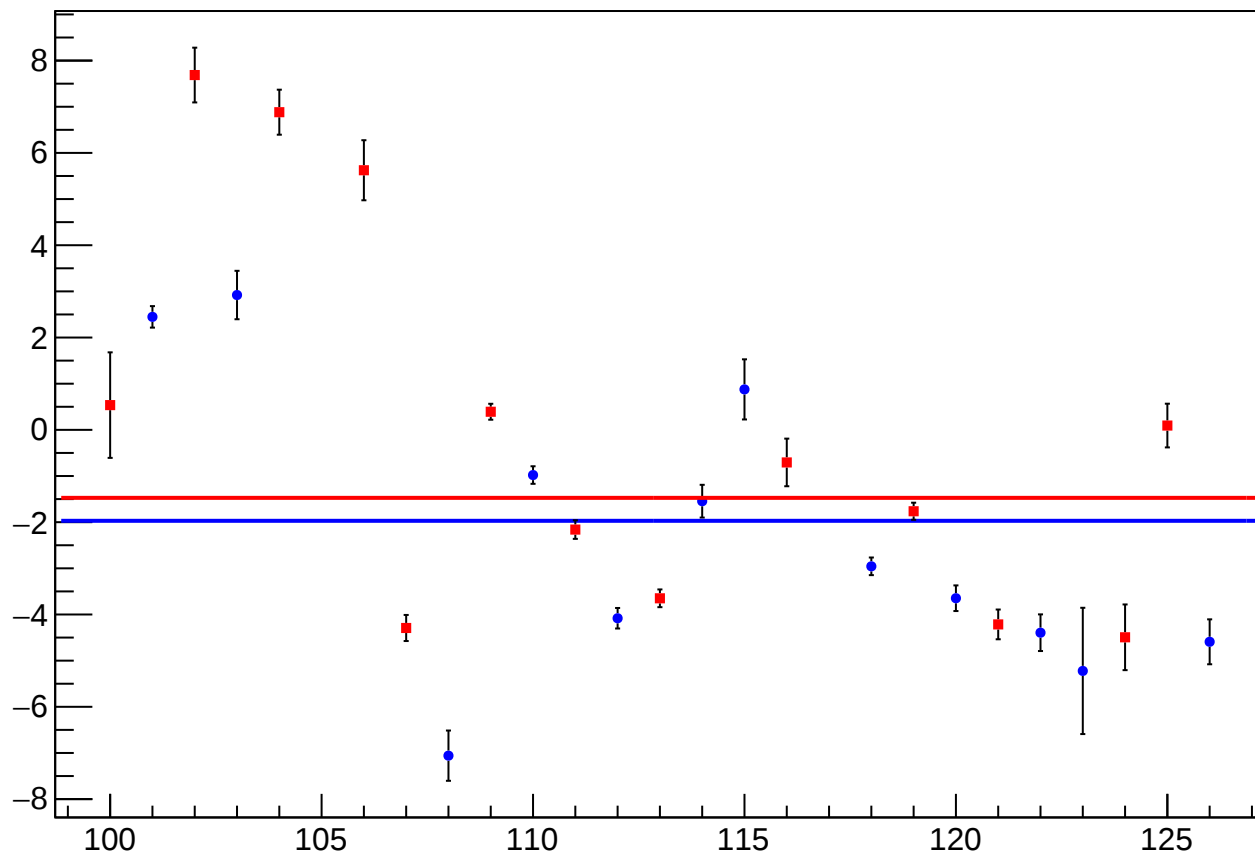
Right: -2.213 ± 0.087 χ^2/NDF : 1263.3/24

In: -1.899 ± 0.134 χ^2/NDF : 382.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.213 ± 0.087 χ^2/NDF : 1263.3/24

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.970 ± 0.086 χ^2/NDF : 807.3/11

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

Right Out: -1.473 ± 0.080 χ^2/NDF : 1116.7/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

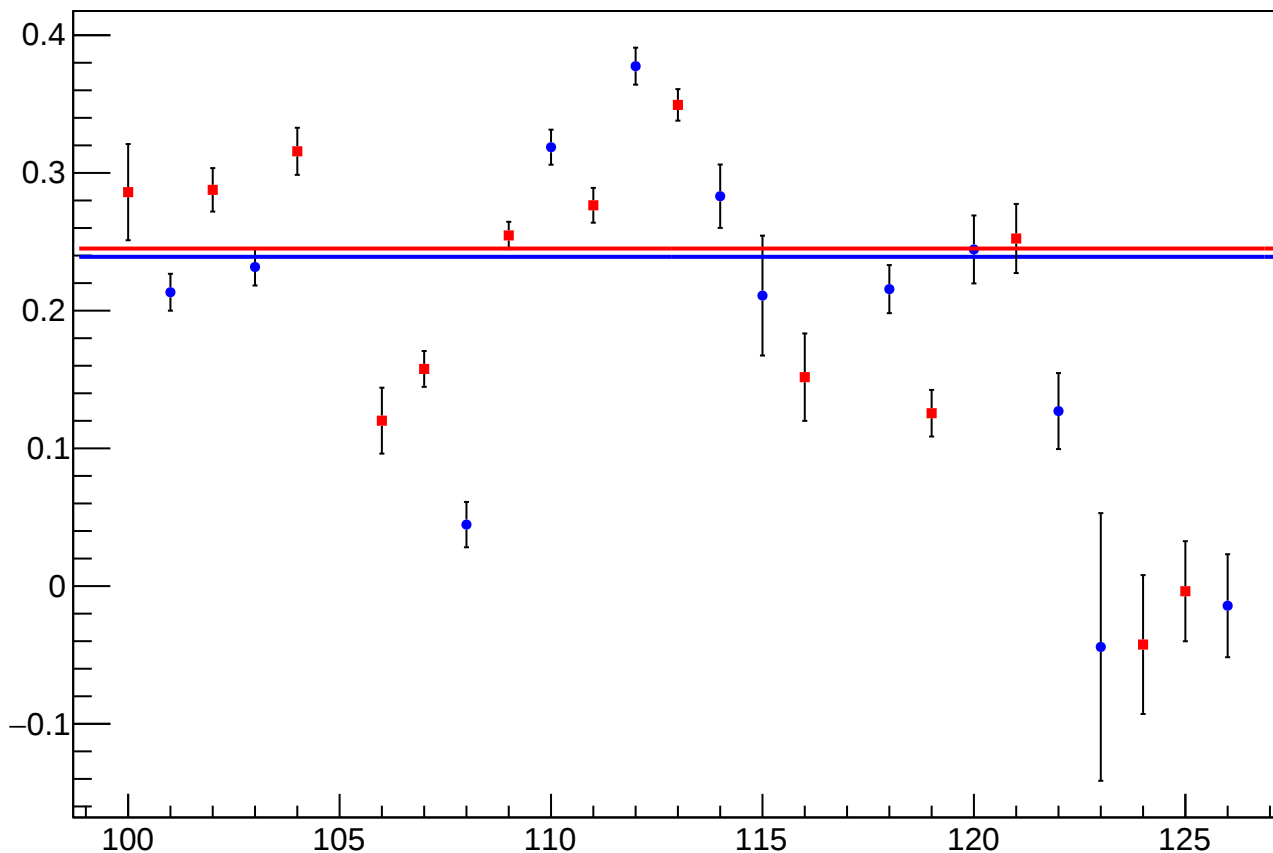
Right: -1.703 ± 0.059 χ^2/NDF : 1942.0/24

In: -1.970 ± 0.086 χ^2/NDF : 807.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.703 ± 0.059 χ^2/NDF : 1942.0/24

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.239+/-0.005 χ^2/NDF : 365.6/11

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

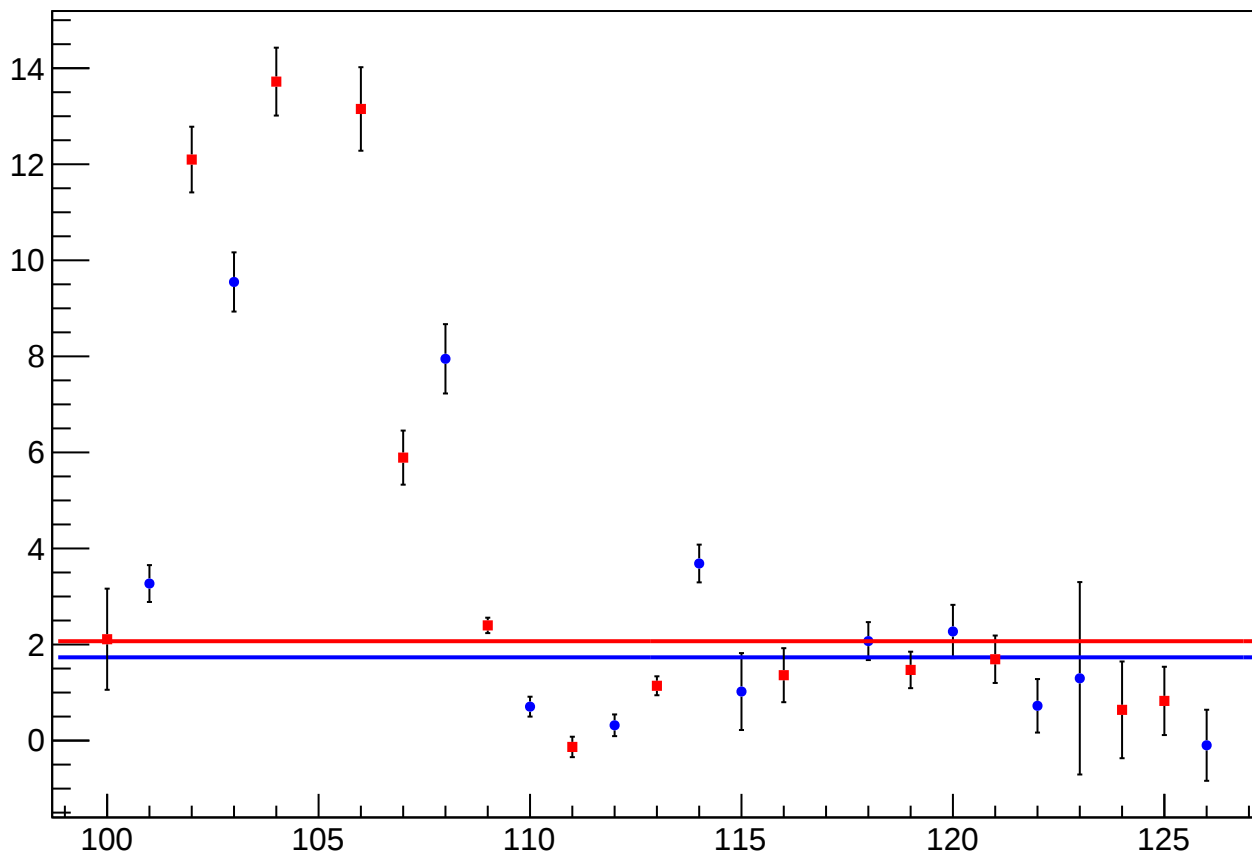
Right: 0.243+/-0.003 χ^2/NDF : 692.8/24

In: 0.239+/-0.005 χ^2/NDF : 365.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.243+/-0.003 χ^2/NDF : 692.8/24

reg_asym_bcm_an_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.734+/-0.114 χ^2/NDF : 351.4/11

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

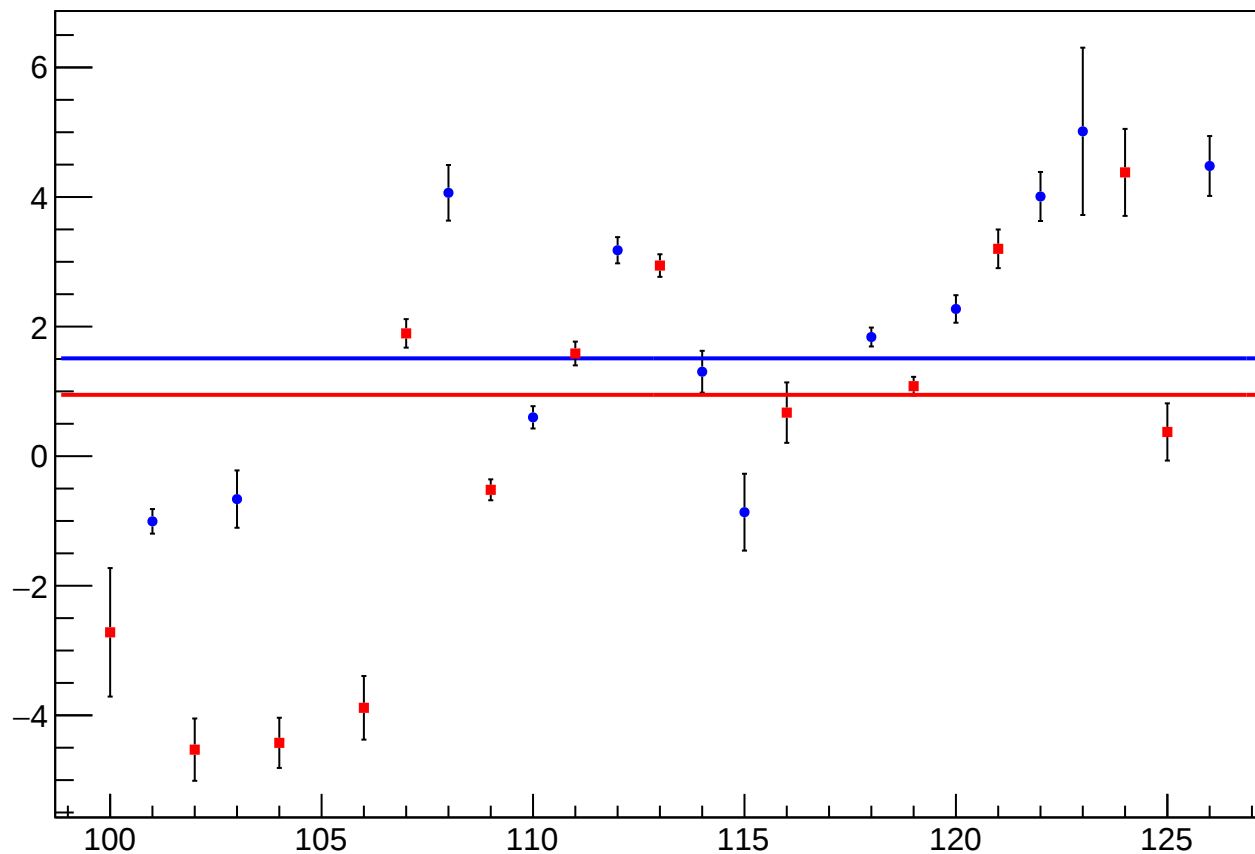
Right: 1.933+/-0.072 χ^2/NDF : 1195.0/24

In: 1.734+/-0.114 χ^2/NDF : 351.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.933+/-0.072 χ^2/NDF : 1195.0/24

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.510+/-0.072 χ^2/NDF : 458.2/11

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

Right Out: 0.947+/-0.069 χ^2/NDF : 762.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

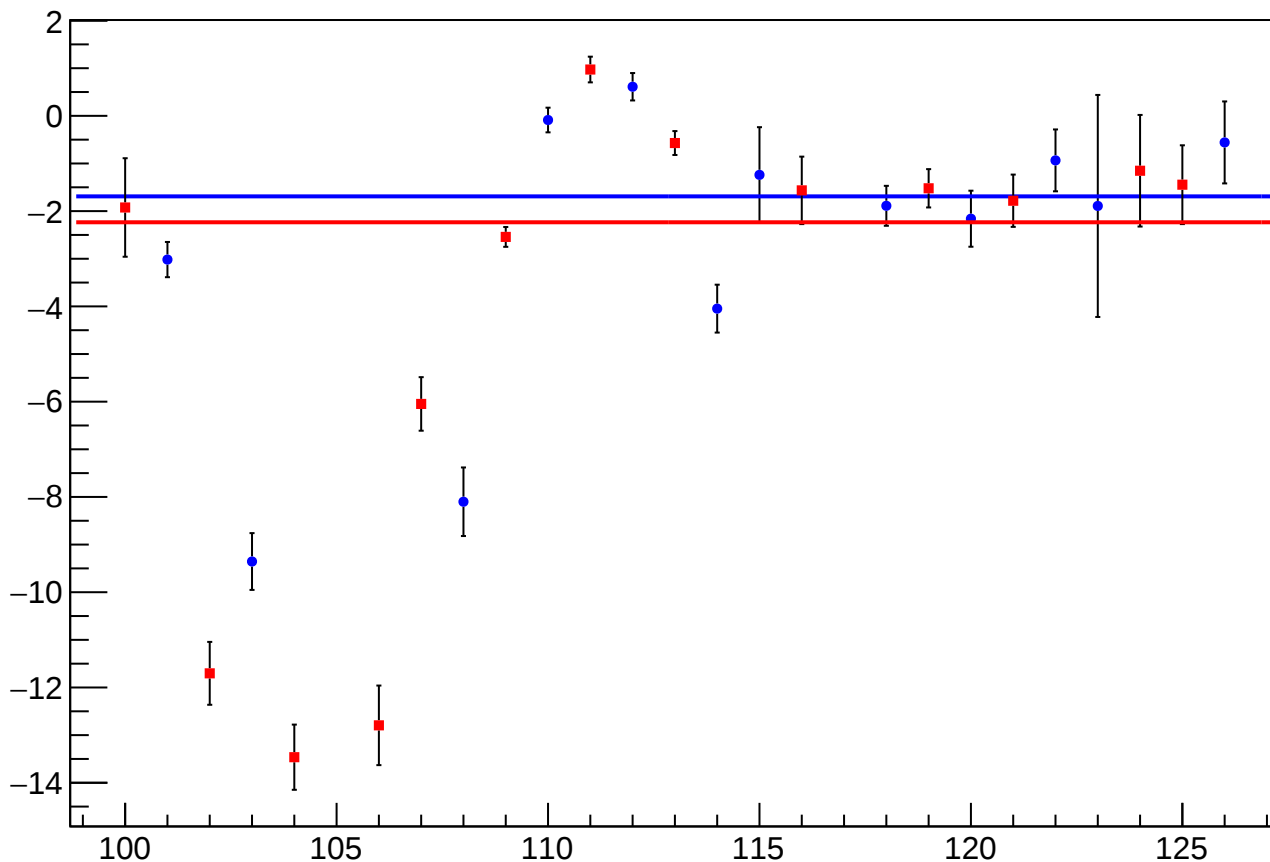
Right: 1.215+/-0.050 χ^2/NDF : 1252.7/24

In: 1.510+/-0.072 χ^2/NDF : 458.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.215+/-0.050 χ^2/NDF : 1252.7/24

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.690+/-0.133 χ^2 /NDF: 386.0/11

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

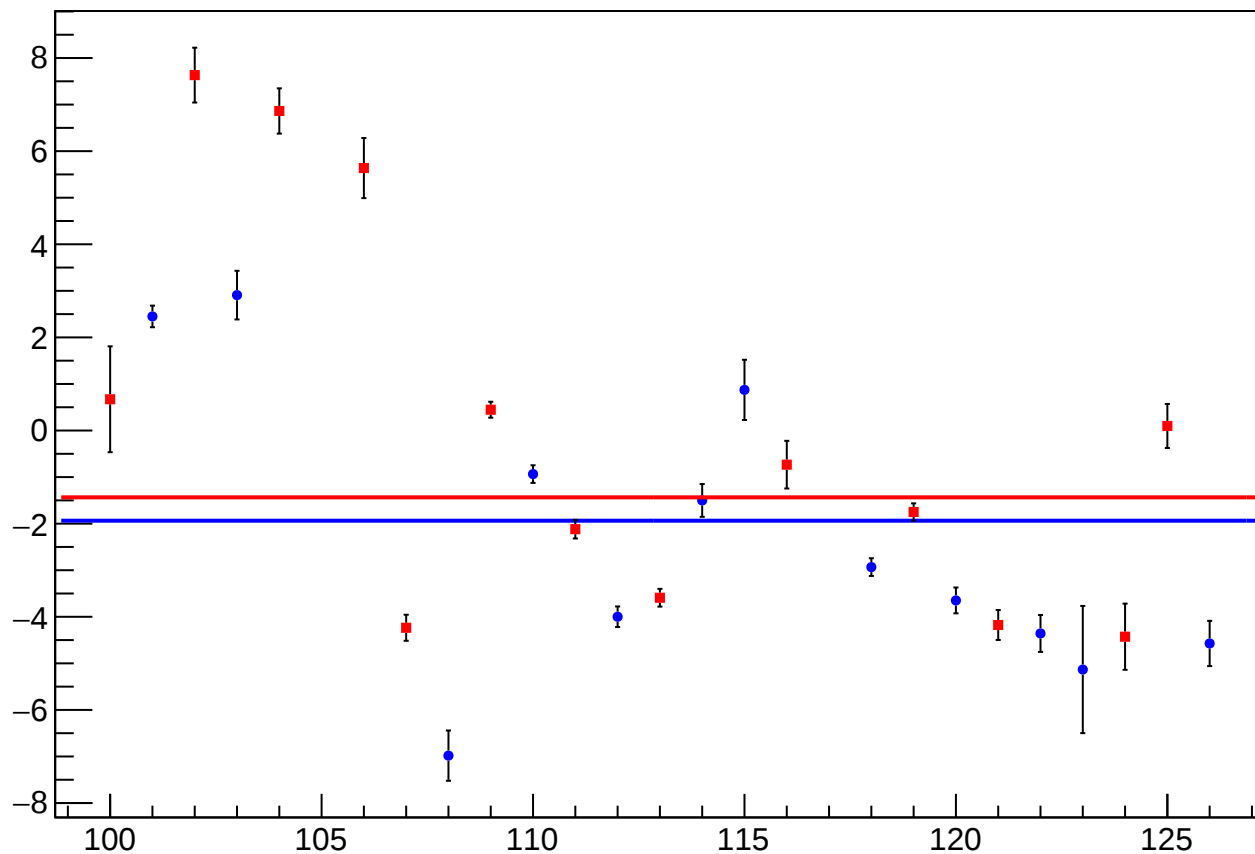
Right: -2.003+/-0.087 χ^2 /NDF: 1270.5/24

In: -1.690+/-0.133 χ^2 /NDF:386.0/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.003+/-0.087 χ^2 /NDF: 1270.5/24

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.936+/-0.086 χ^2/NDF : 804.9/11

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

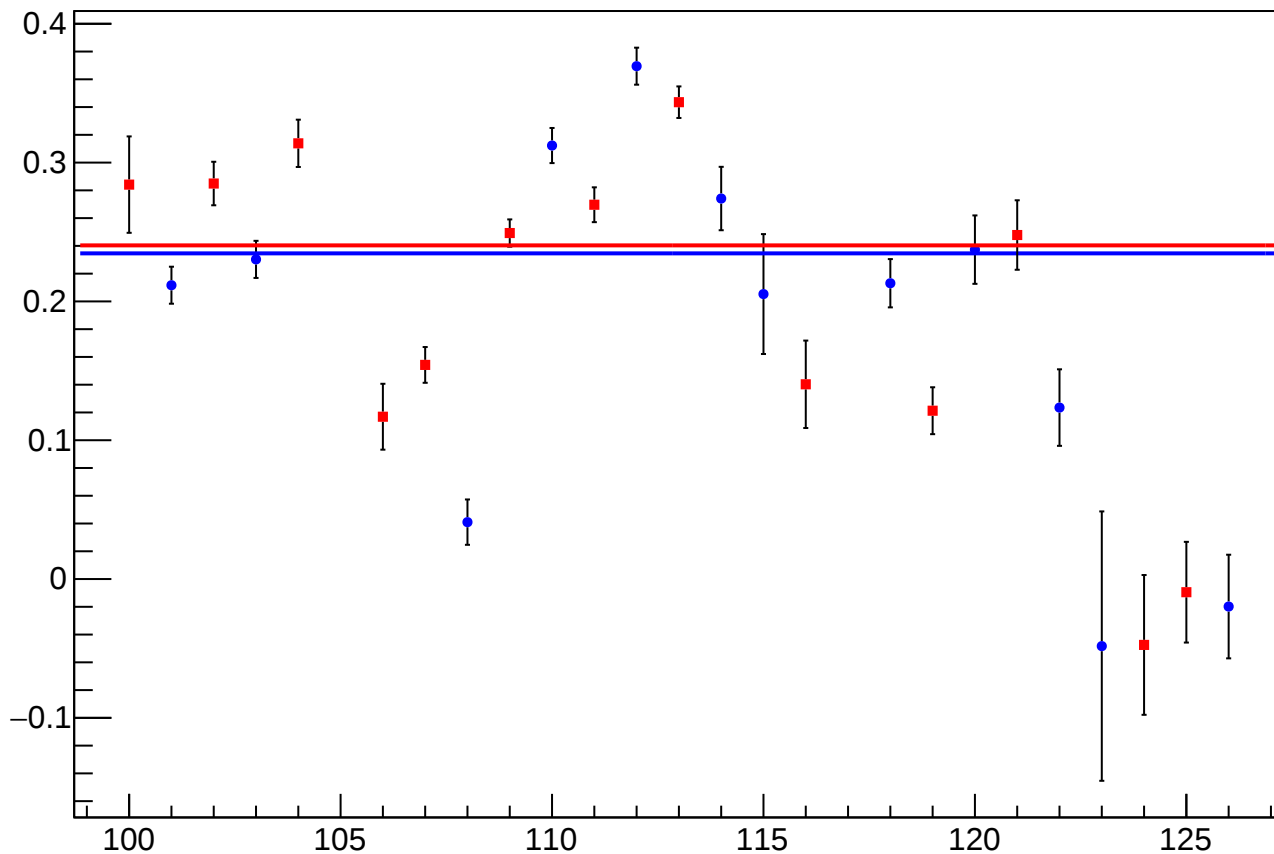
Right: -1.667+/-0.058 χ^2/NDF : 1941.5/24

In: -1.936+/-0.086 χ^2/NDF :804.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.667+/-0.058 χ^2/NDF : 1941.5/24

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.235+/-0.005 χ^2/NDF : 359.7/11

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

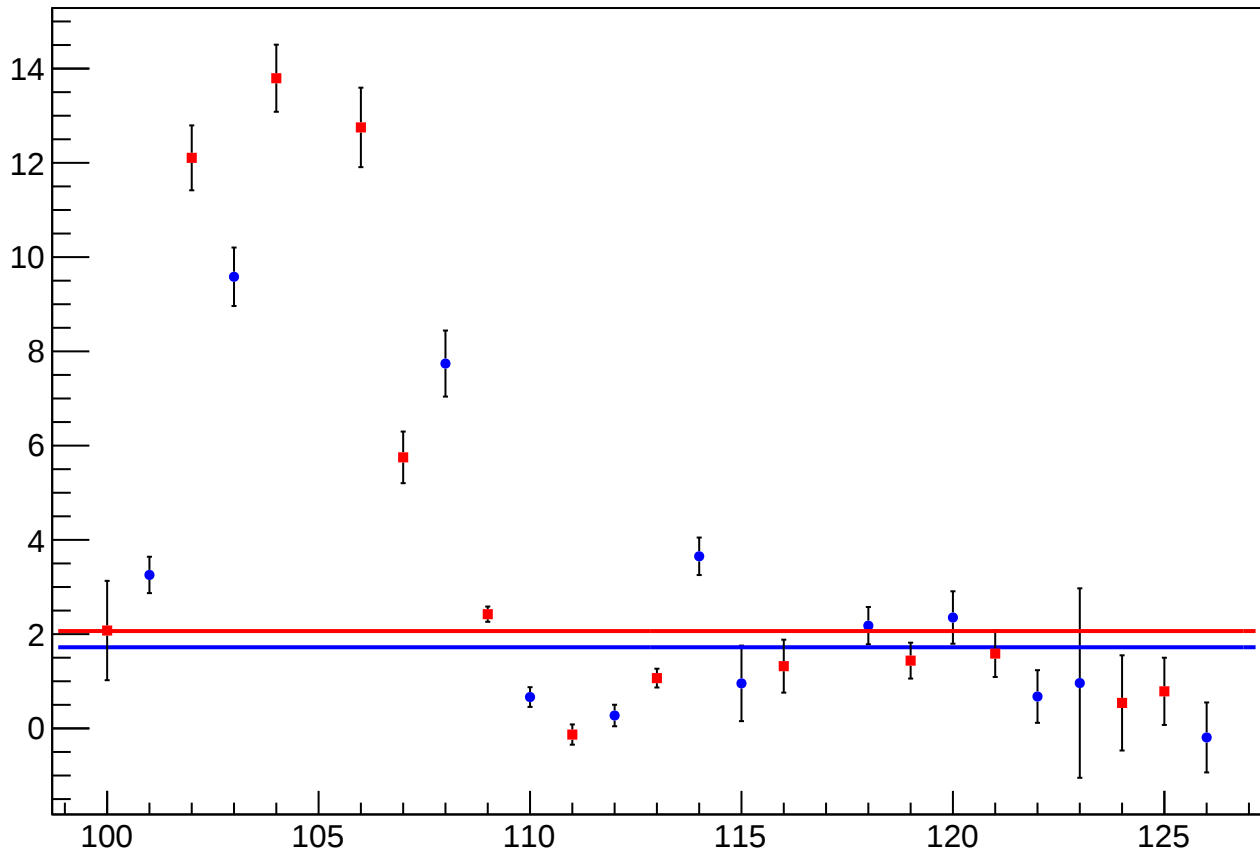
Right: 0.238+/-0.003 χ^2/NDF : 689.1/24

In: 0.235+/-0.005 χ^2/NDF :359.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.238+/-0.003 χ^2/NDF : 689.1/24

reg_asym_bcm_an_us_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.722+/-0.115 χ^2/NDF : 353.1/11

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

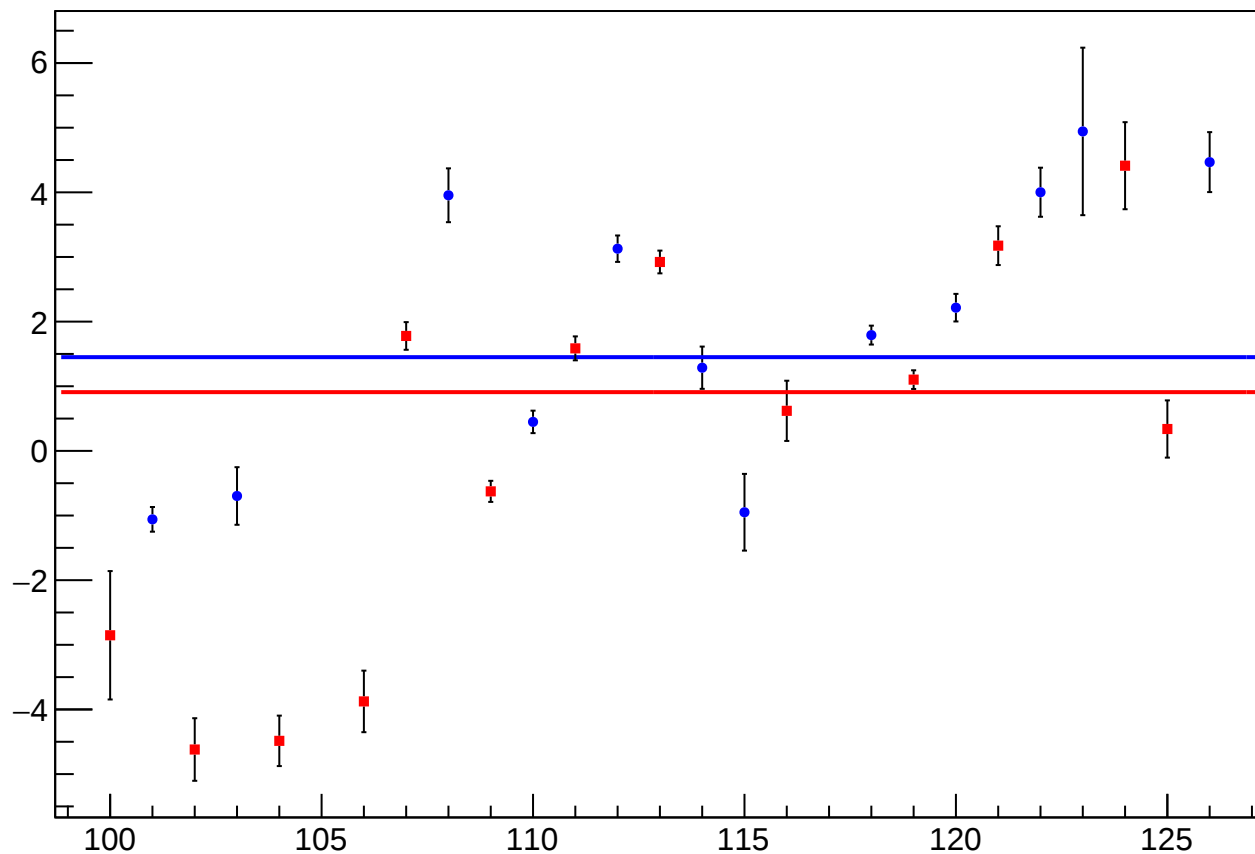
Right: 1.926+/-0.073 χ^2/NDF : 1193.7/24

In: 1.722+/-0.115 χ^2/NDF : 353.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.926+/-0.073 χ^2/NDF : 1193.7/24

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.450+/-0.073 χ^2/NDF : 462.6/11

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

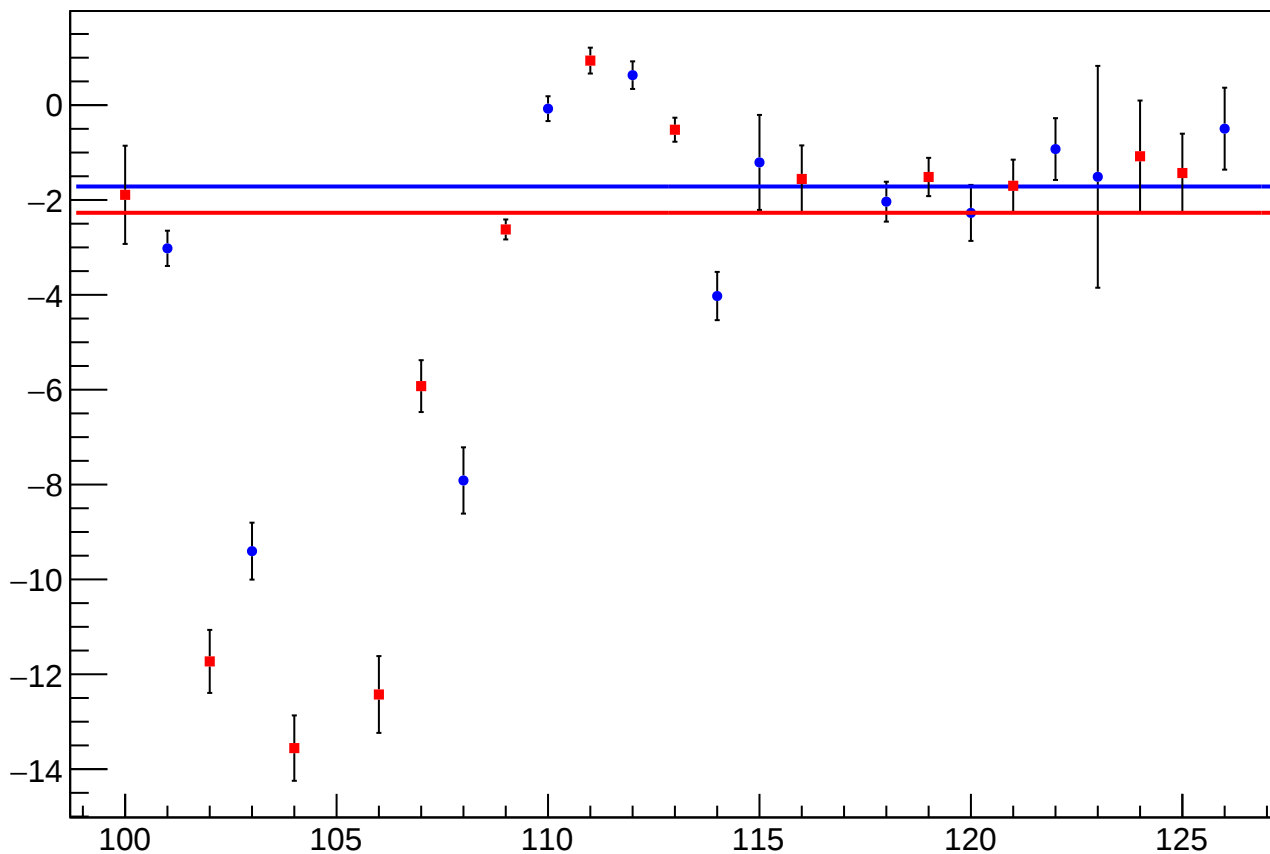
Right: 1.166+/-0.050 χ^2/NDF : 1265.8/24

In: 1.450+/-0.073 χ^2/NDF : 462.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.166+/-0.050 χ^2/NDF : 1265.8/24

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.716+/-0.134 χ^2/NDF : 385.3/11

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

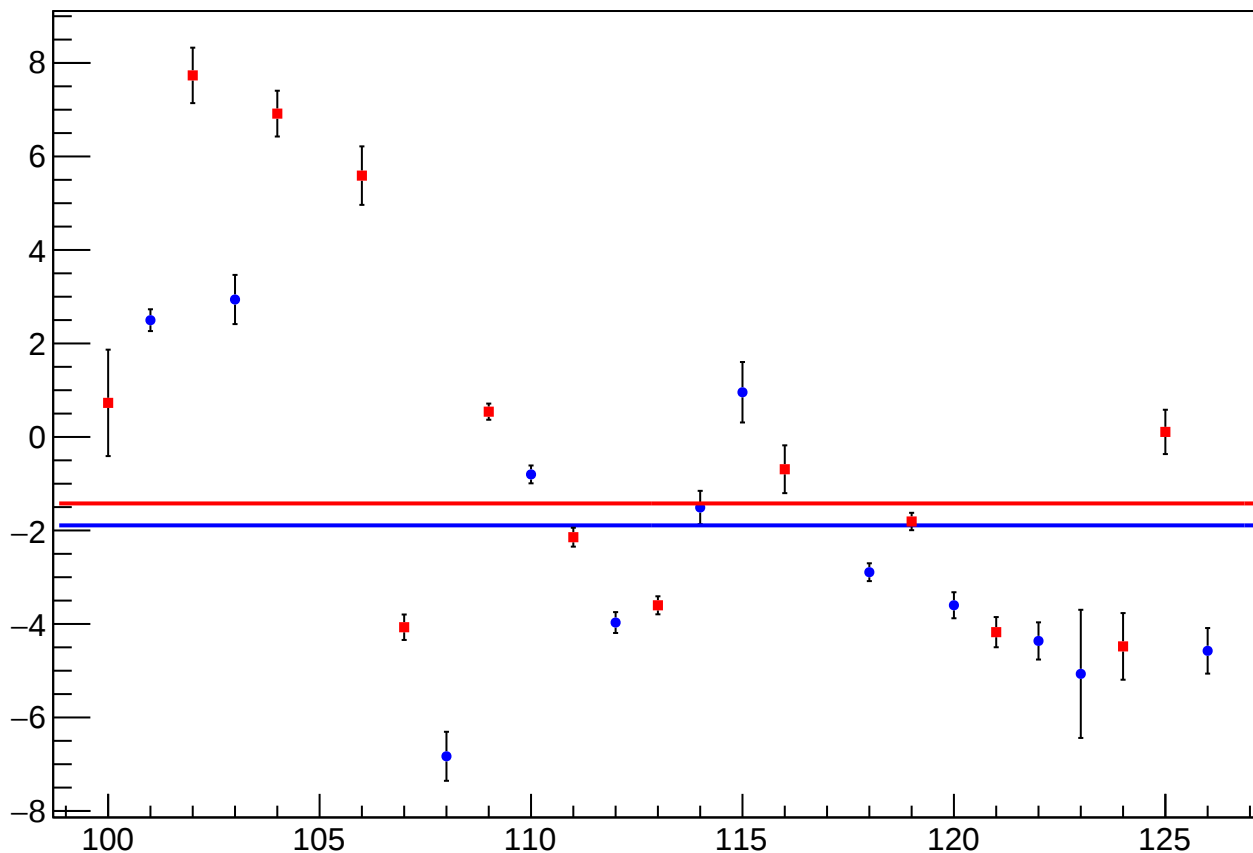
Right: -2.034+/-0.087 χ^2/NDF : 1264.8/24

In: -1.716+/-0.134 χ^2/NDF : 385.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.034+/-0.087 χ^2/NDF : 1264.8/24

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.891 ± 0.086 χ^2/NDF : 806.8/11

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

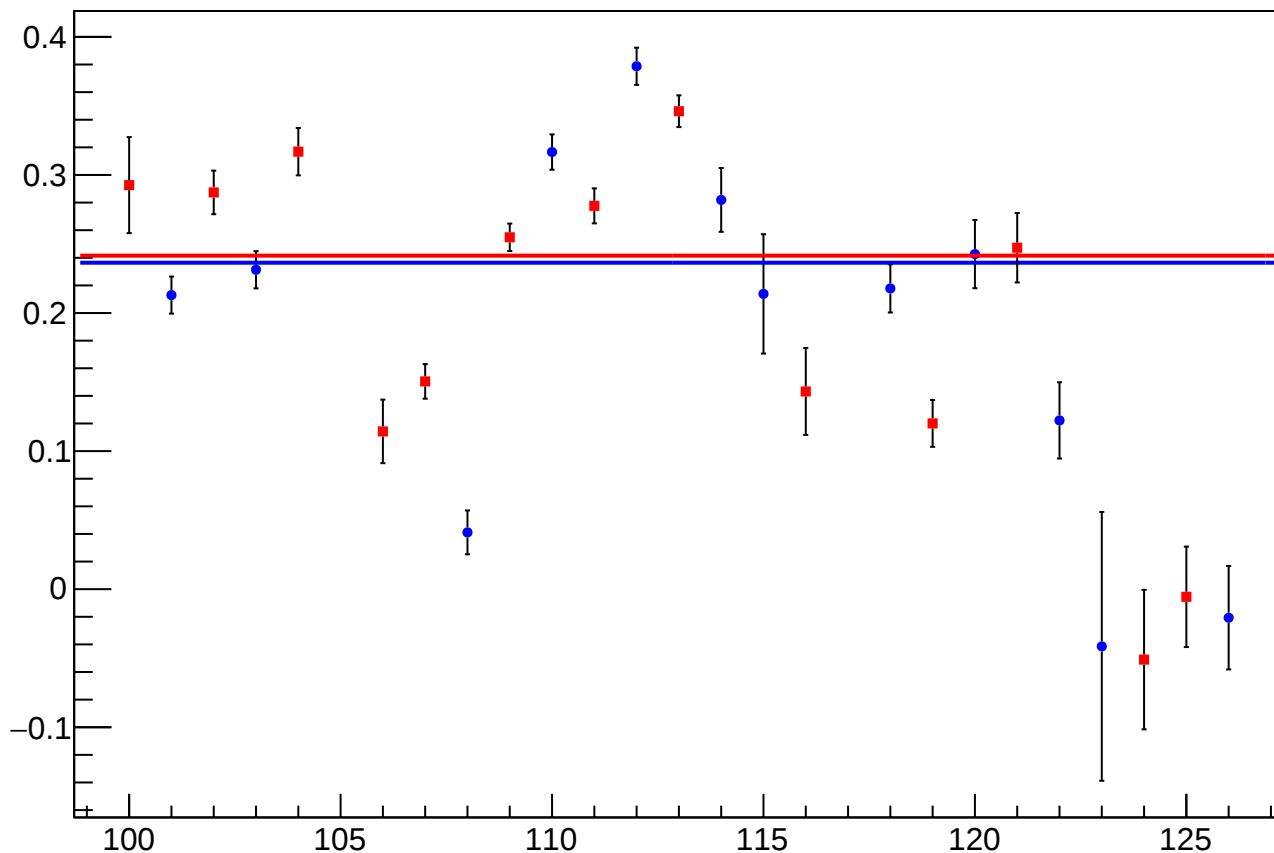
Right: -1.638 ± 0.058 χ^2/NDF : 1952.2/24

In: -1.891 ± 0.086 χ^2/NDF : 806.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.638 ± 0.058 χ^2/NDF : 1952.2/24

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.236+/-0.005 χ^2/NDF : 383.1/11

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

Right Out: 0.242+/-0.005 χ^2/NDF : 347.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

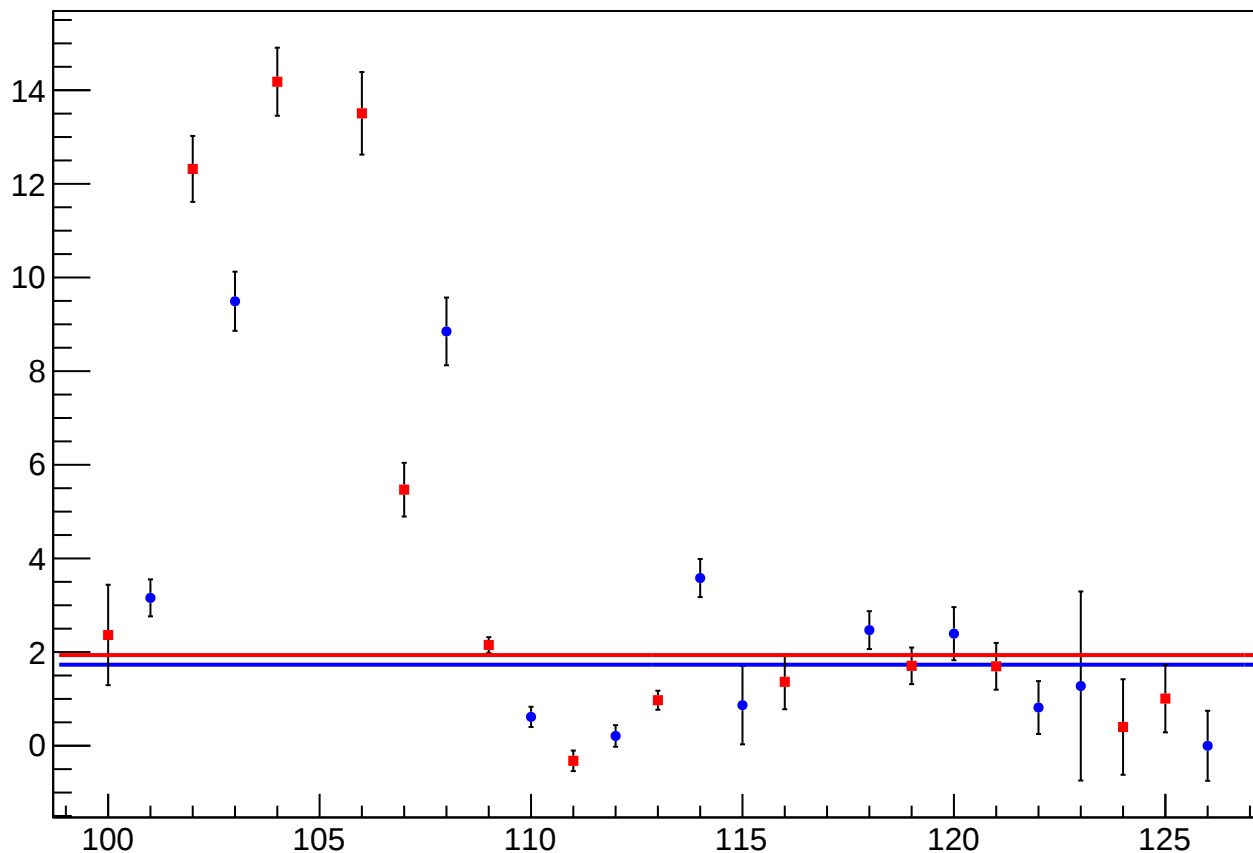
Right: 0.239+/-0.003 χ^2/NDF : 730.8/24

In: 0.236+/-0.005 χ^2/NDF :383.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.239+/-0.003 χ^2/NDF : 730.8/24

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.731+/-0.117 χ^2/NDF : 365.6/11

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

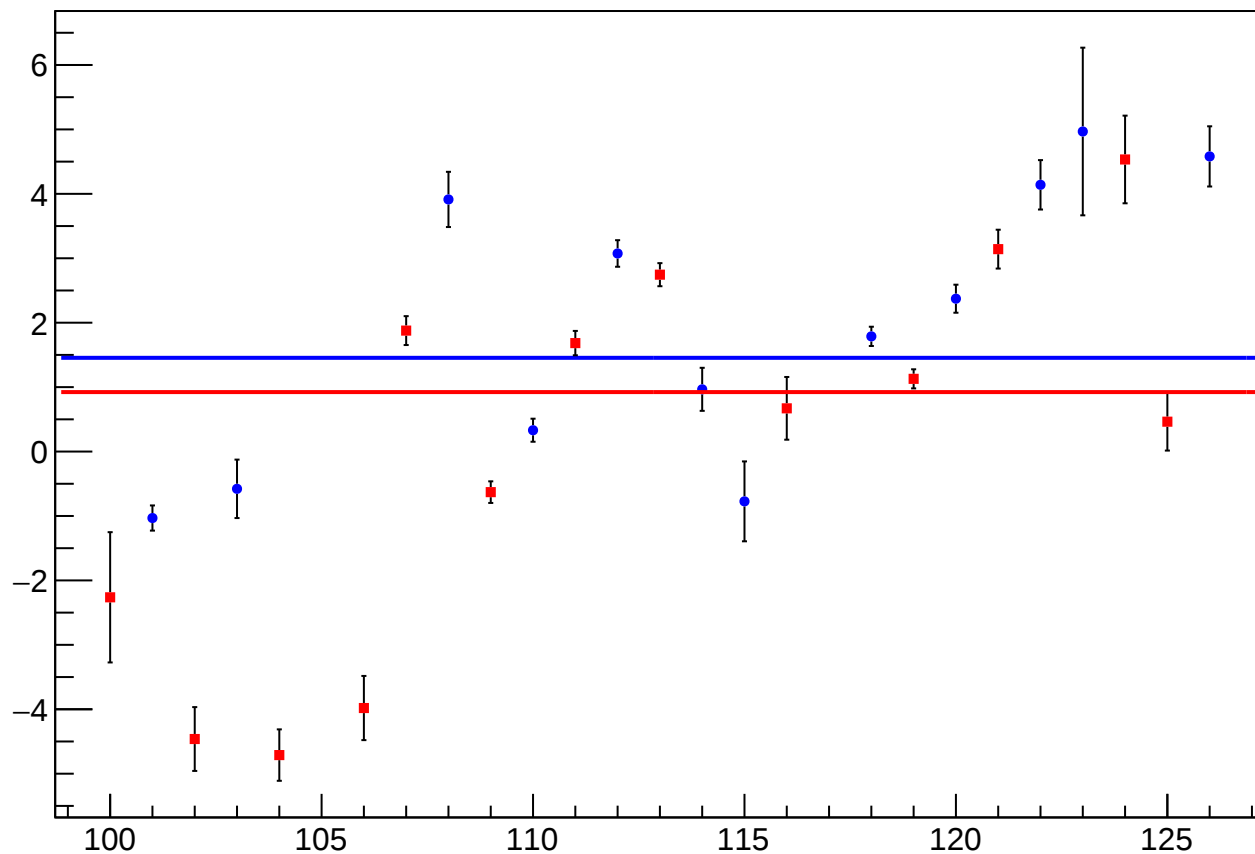
Right: 1.853+/-0.075 χ^2/NDF : 1214.5/24

In: 1.731+/-0.117 χ^2/NDF : 365.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.853+/-0.075 χ^2/NDF : 1214.5/24

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.455+/-0.074 χ^2/NDF : 455.0/11

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

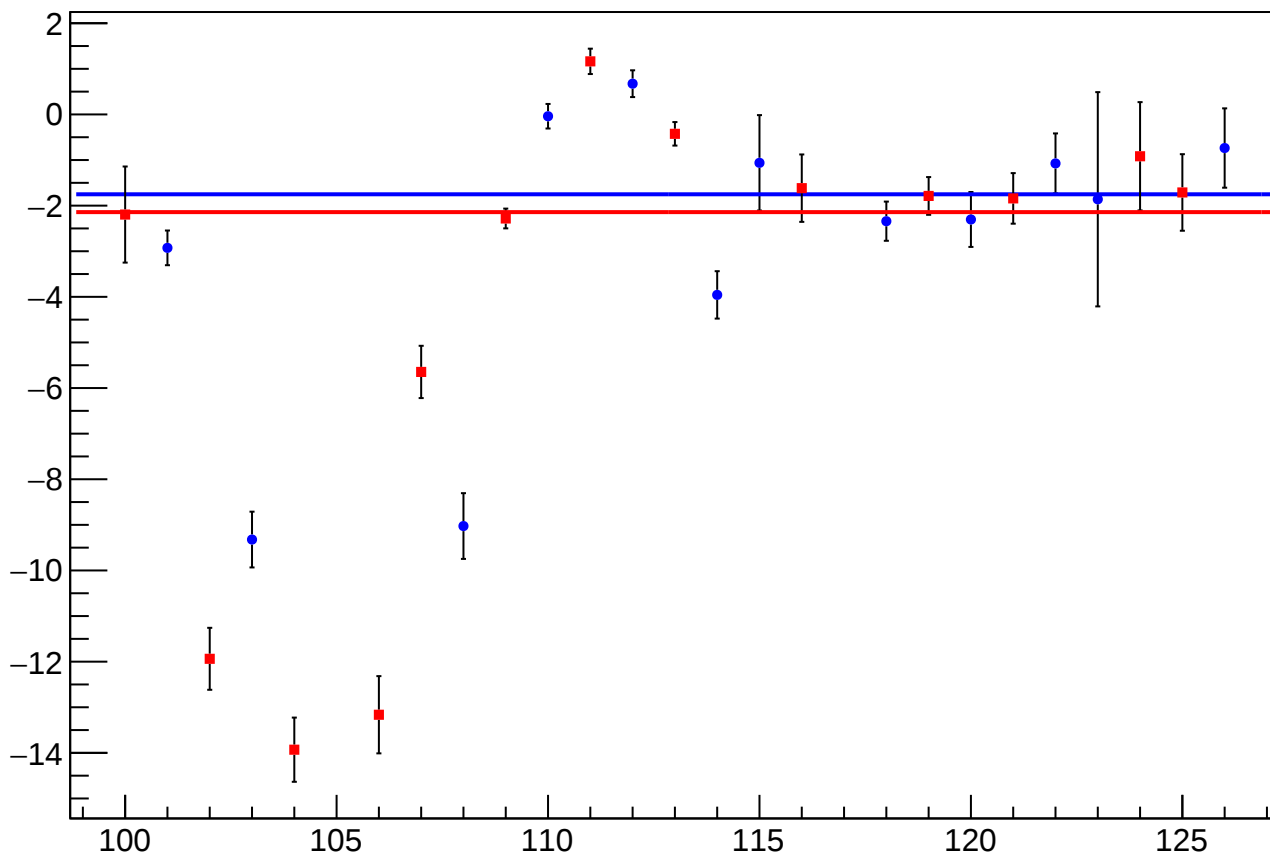
Right: 1.177+/-0.051 χ^2/NDF : 1215.1/24

In: 1.455+/-0.074 χ^2/NDF : 455.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.177+/-0.051 χ^2/NDF : 1215.1/24

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.751 ± 0.137 χ^2/NDF : 396.9/11

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

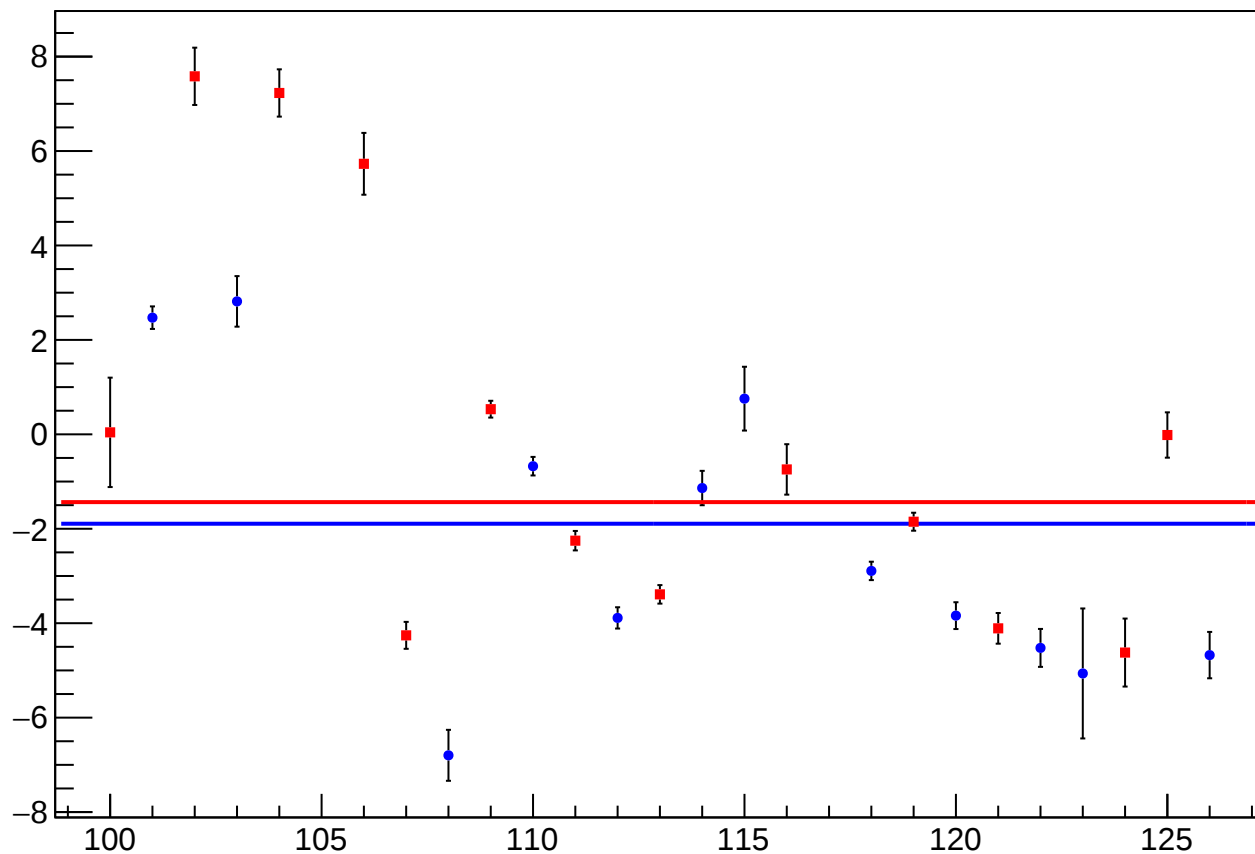
Right: -1.975 ± 0.089 χ^2/NDF : 1285.5/24

In: -1.751 ± 0.137 χ^2/NDF : 396.9/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.975 ± 0.089 χ^2/NDF : 1285.5/24

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.893+/-0.088 χ^2/NDF : 784.1/11

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

Right Out: -1.435+/-0.082 χ^2/NDF : 1079.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

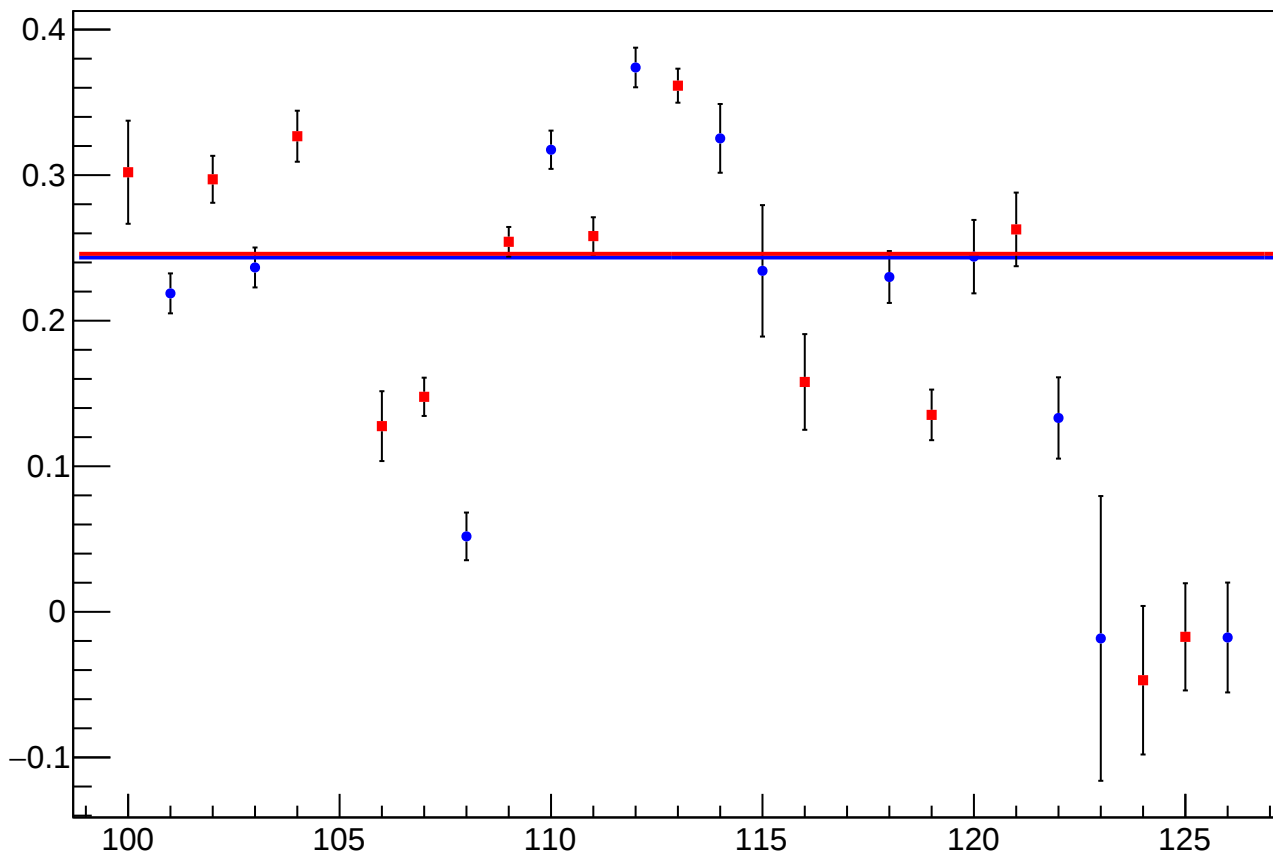
Right: -1.647+/-0.060 χ^2/NDF : 1878.1/24

In: -1.893+/-0.088 χ^2/NDF : 784.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.647+/-0.060 χ^2/NDF : 1878.1/24

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.243+/-0.005 χ^2/NDF : 347.2/11

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

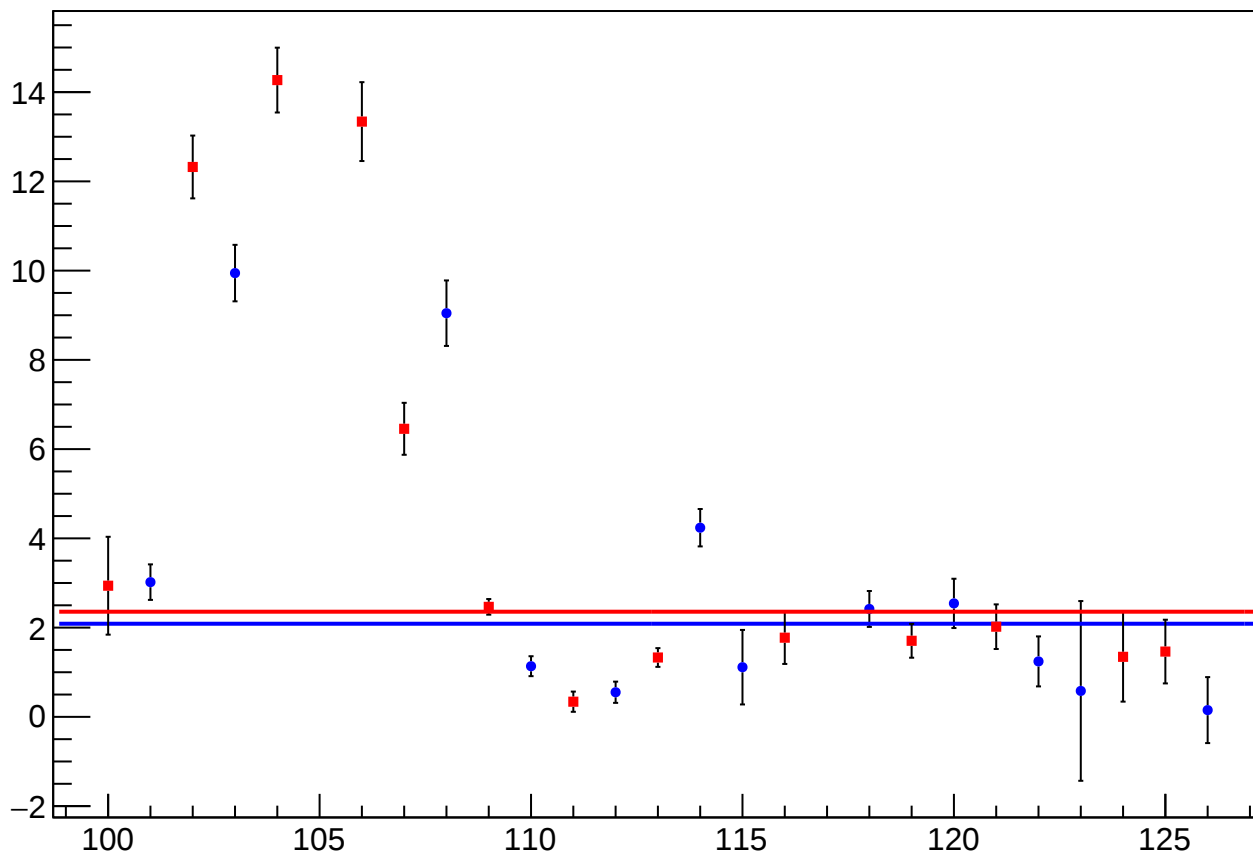
Right: 0.245+/-0.004 χ^2/NDF : 692.8/24

In: 0.243+/-0.005 χ^2/NDF : 347.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.245+/-0.004 χ^2/NDF : 692.8/24

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 2.087+/-0.119 χ^2/NDF : 348.1/11

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

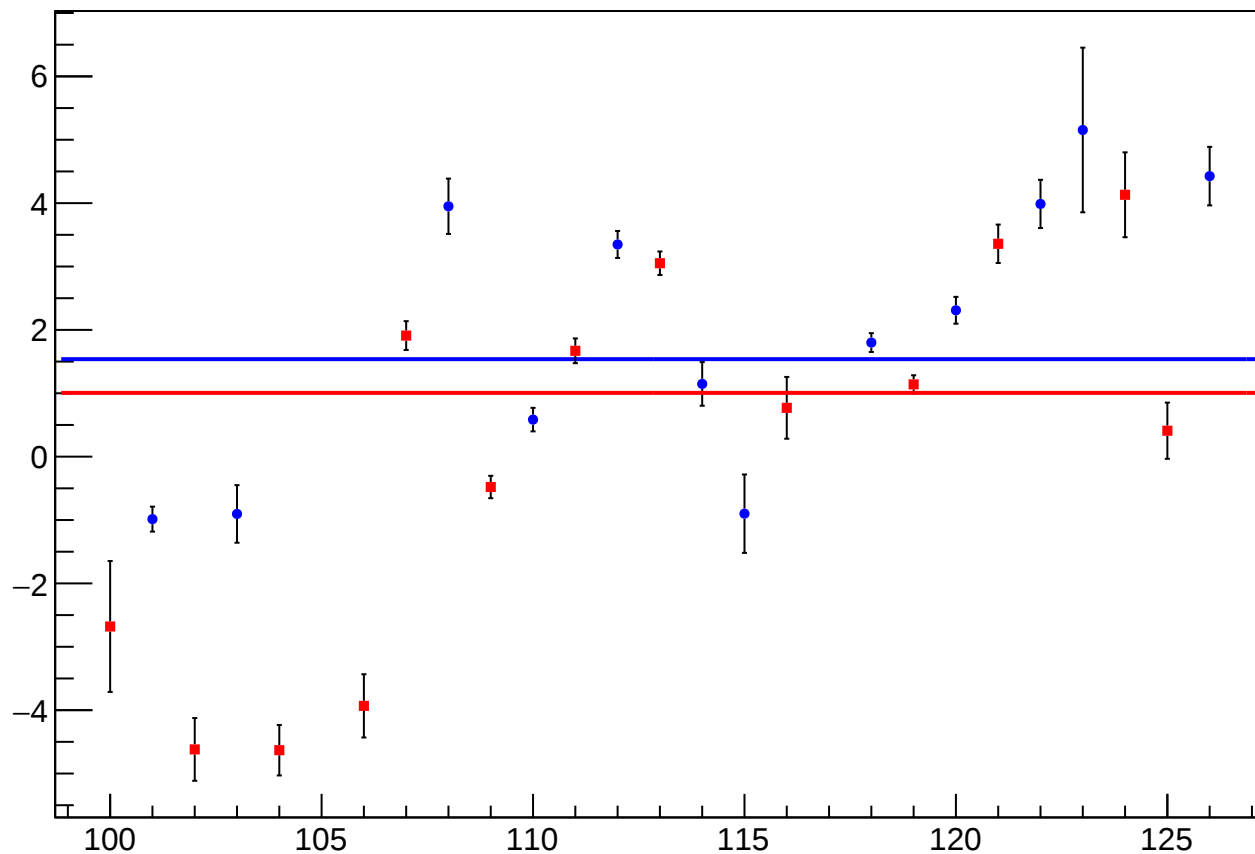
Right: 2.246+/-0.077 χ^2/NDF : 1135.4/24

In: 2.087+/-0.119 χ^2/NDF : 348.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.246+/-0.077 χ^2/NDF : 1135.4/24

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.538 $\pm$ 0.075 χ^2 /NDF: 444.0/11

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

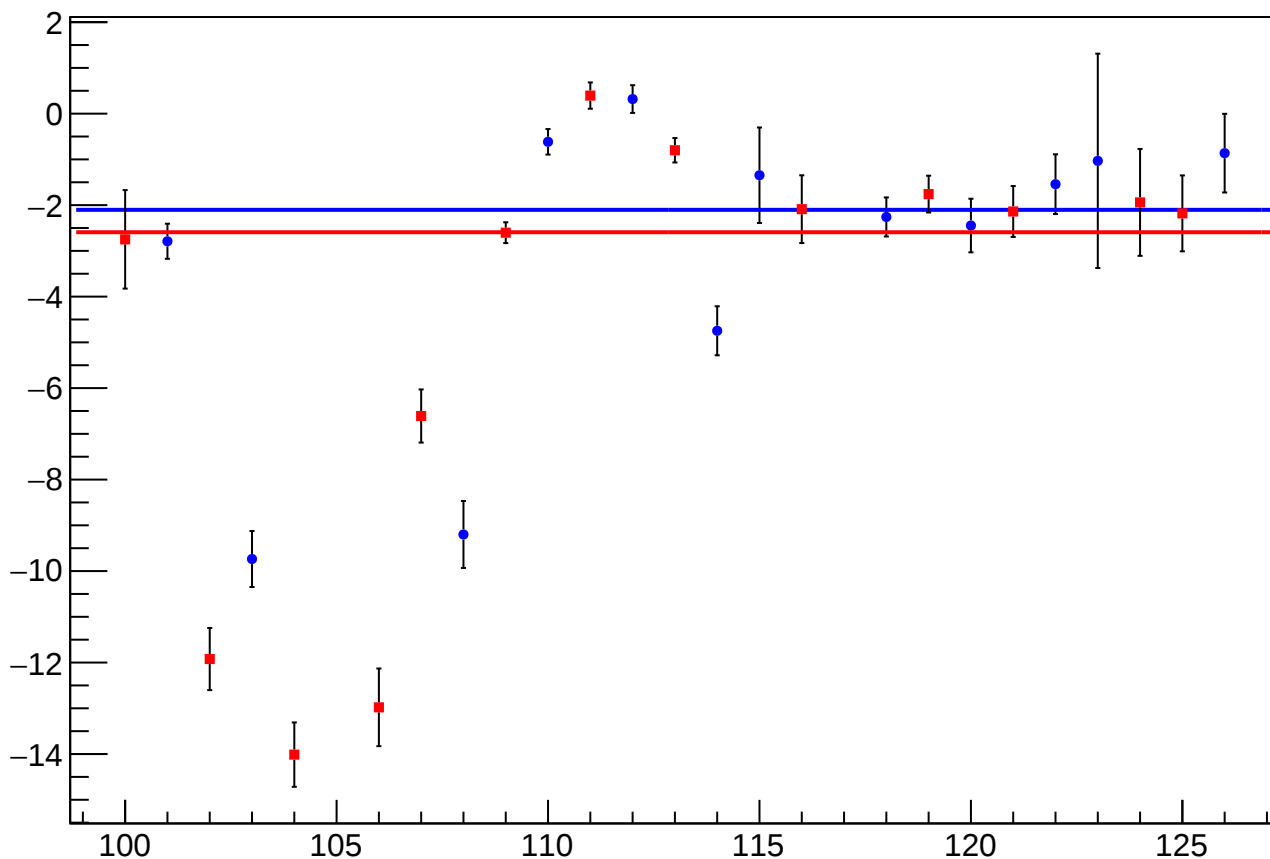
Right: 1.261 $\pm$ 0.052 χ^2 /NDF: 1214.7/24

In: 1.538 $\pm$ 0.075 χ^2 /NDF:444.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.261 $\pm$ 0.052 χ^2 /NDF: 1214.7/24

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.103 ± 0.139 χ^2/NDF : 373.4/11

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

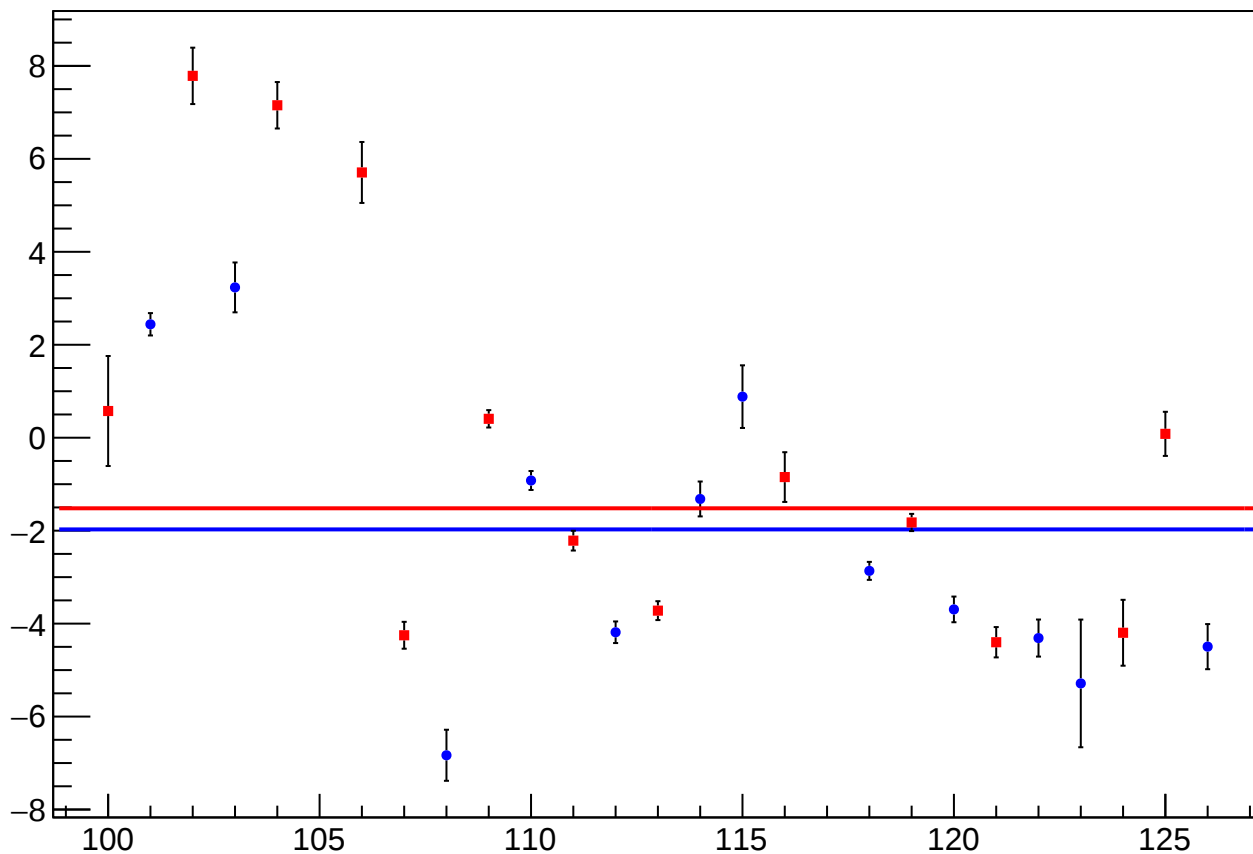
Right: -2.381 ± 0.091 χ^2/NDF : 1189.6/24

In: -2.103 ± 0.139 χ^2/NDF : 373.4/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.381 ± 0.091 χ^2/NDF : 1189.6/24

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.973 ± 0.089 χ^2/NDF : 774.6/11

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

Right Out: -1.519 ± 0.083 χ^2/NDF : 1091.9/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

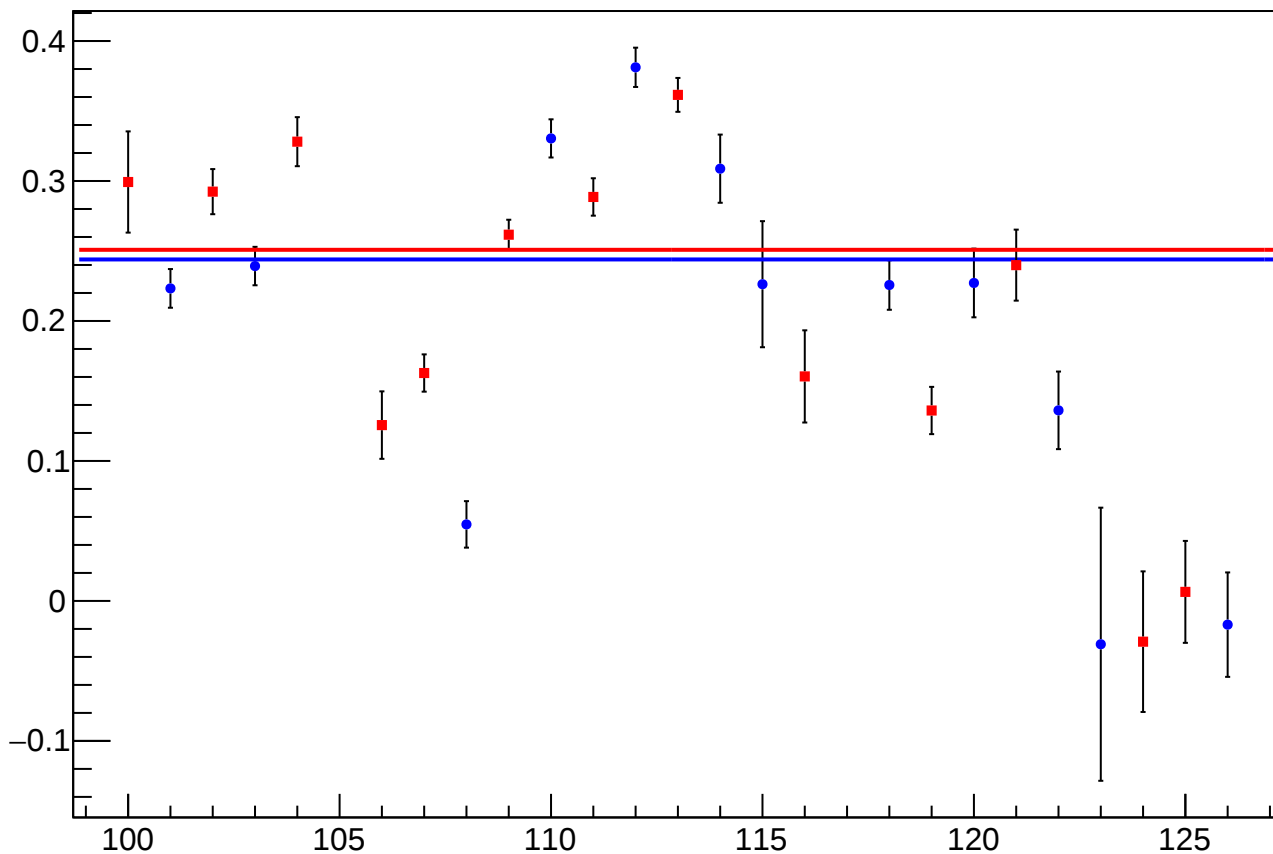
Right: -1.731 ± 0.061 χ^2/NDF : 1880.4/24

In: -1.973 ± 0.089 χ^2/NDF : 774.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.731 ± 0.061 χ^2/NDF : 1880.4/24

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.244+/-0.005 χ^2/NDF : 348.8/11

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

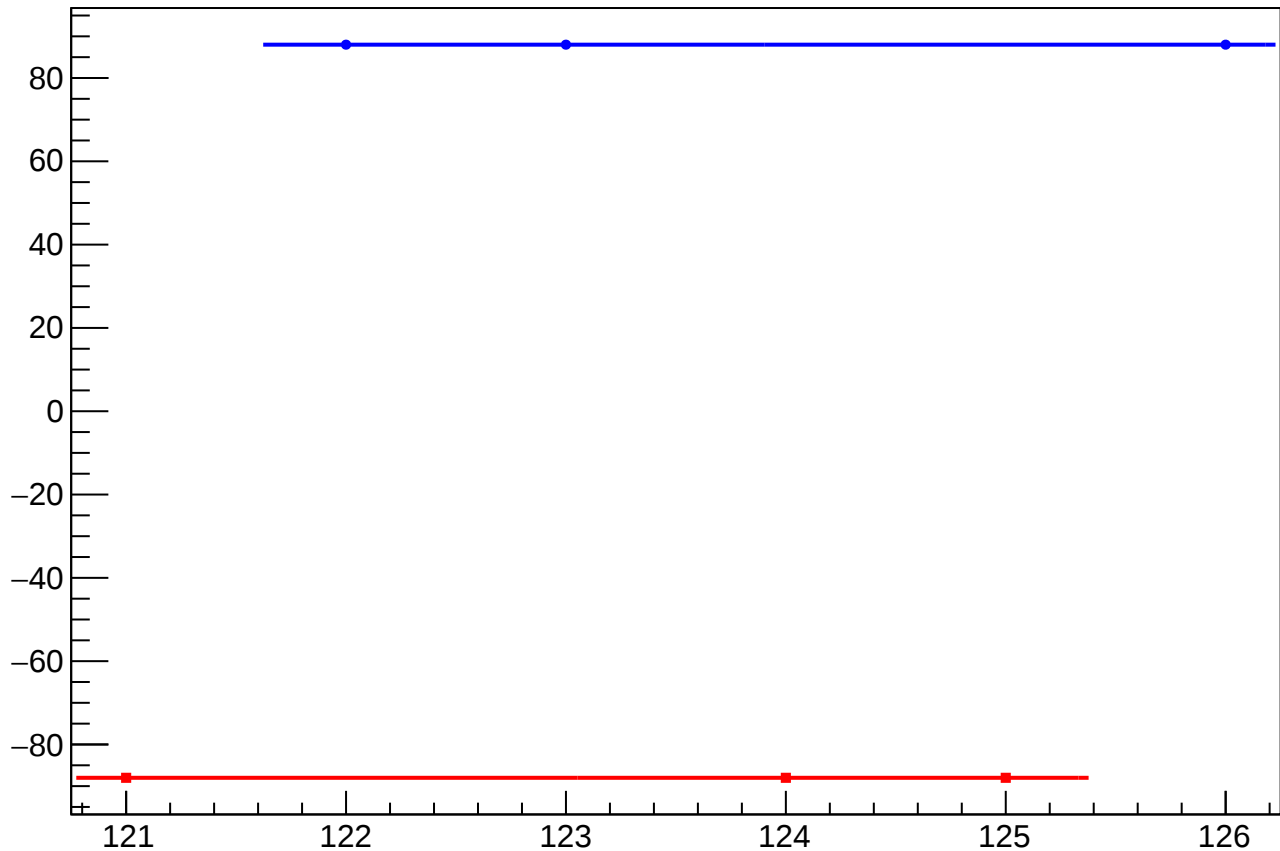
Right: 0.248+/-0.004 χ^2/NDF : 670.9/24

In: 0.244+/-0.005 χ^2/NDF :348.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.248+/-0.004 χ^2/NDF : 670.9/24

VWienAngle_mean vs Slug, Sign Corrected



Right In: 88.001 $\pm$ 0.000 χ^2/NDF : 21002.6/2

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

Right Out: -88.001 $\pm$ 0.000 χ^2/NDF : 136315.2/2

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

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

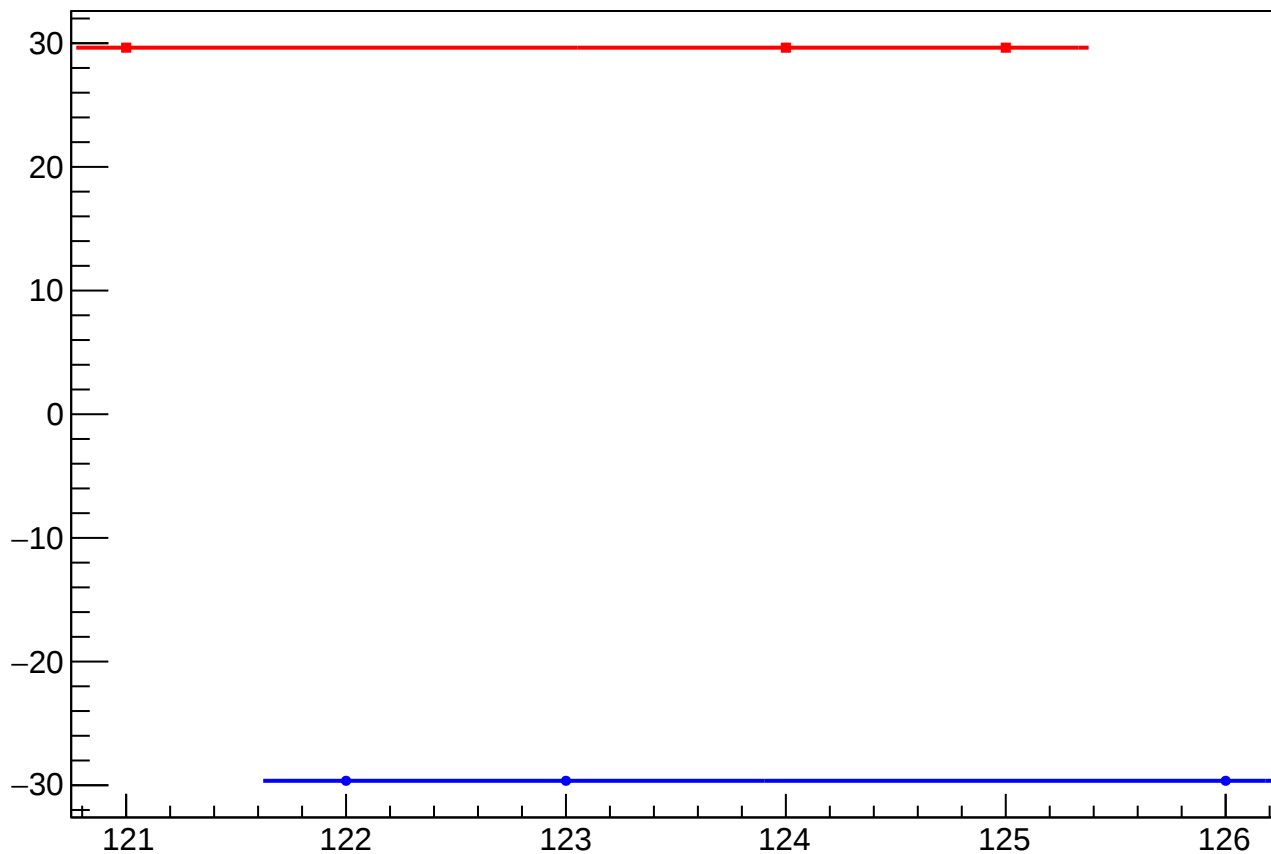
Right: -0.515 $\pm$ 0.000 χ^2/NDF : 1324199874061145

In: 88.001 $\pm$ 0.000 χ^2/NDF : 21002.6/2

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

All: -0.515 $\pm$ 0.000 χ^2/NDF : 1324199874061

HWienAngle_mean vs Slug, Sign Corrected



Right In: -29.641+/-0.000 χ^2/NDF : 971.9/2

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

Right Out: 29.641+/-0.000 χ^2/NDF : 19677.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

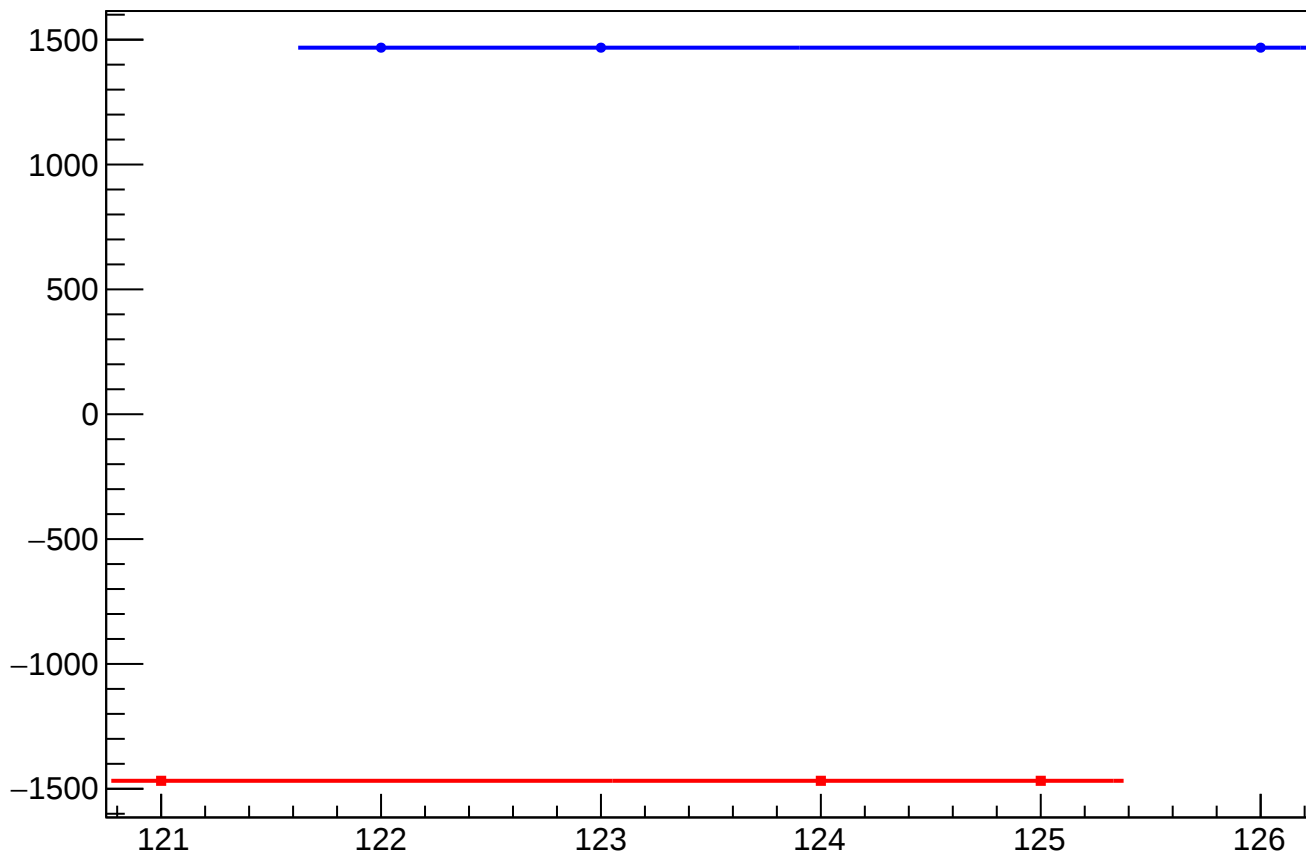
Right: 0.173+/-0.000 χ^2/NDF : 15023055133453682

In: -29.641+/-0.000 χ^2/NDF : 971.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.173+/-0.000 χ^2/NDF : 15023055133453682

psub_pl_pos_mean vs Slug, Sign Corrected



Right In: 1467.979+/-0.000 χ^2/NDF : 27090165.1/2

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

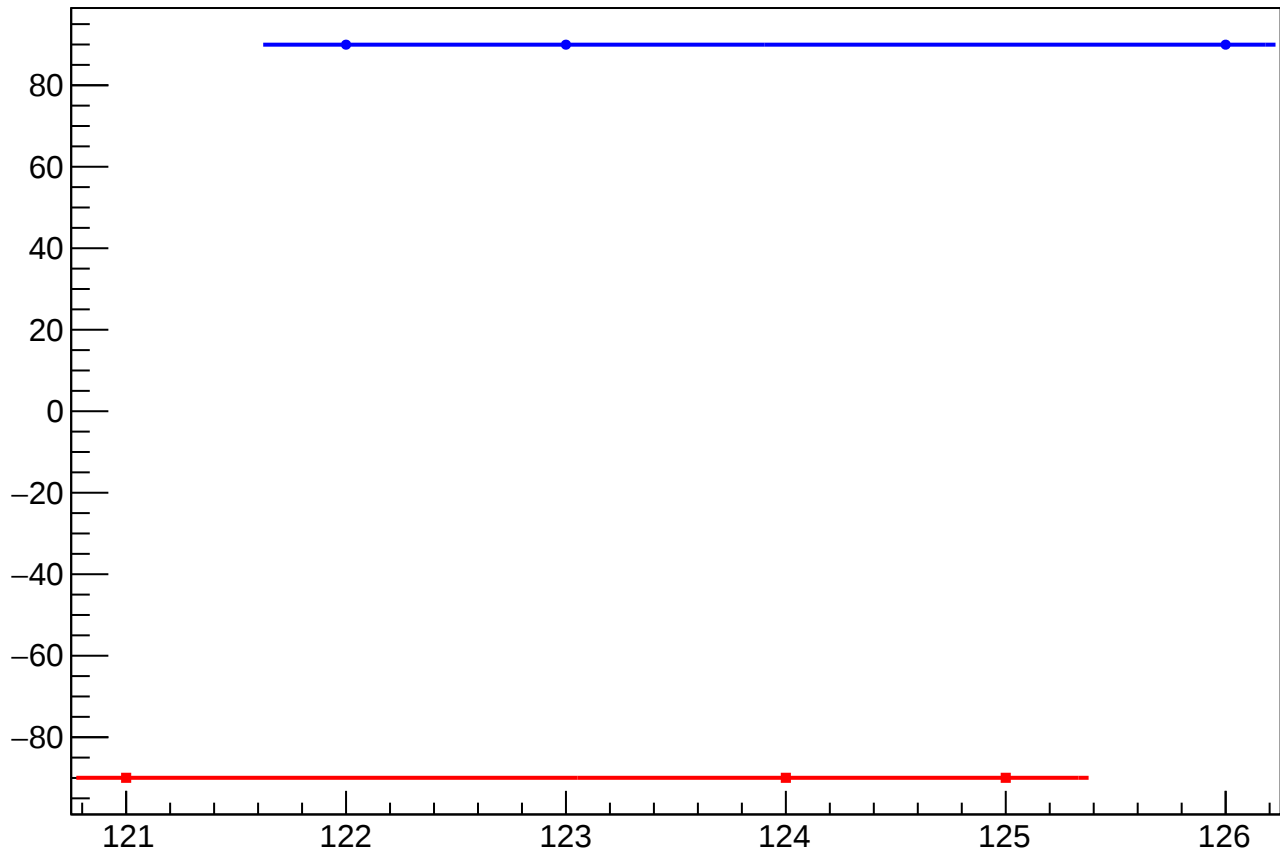
Right: -8.585+/-0.000 χ^2/NDF : 3684861078210990

In: 1467.979+/-0.000 χ^2/NDF : 27090165.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.585+/-0.000 χ^2/NDF : 3684861078210

Phi_FG_mean vs Slug, Sign Corrected



Right In: 89.959+/-0.000 χ^2/NDF : 9087.7/2

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

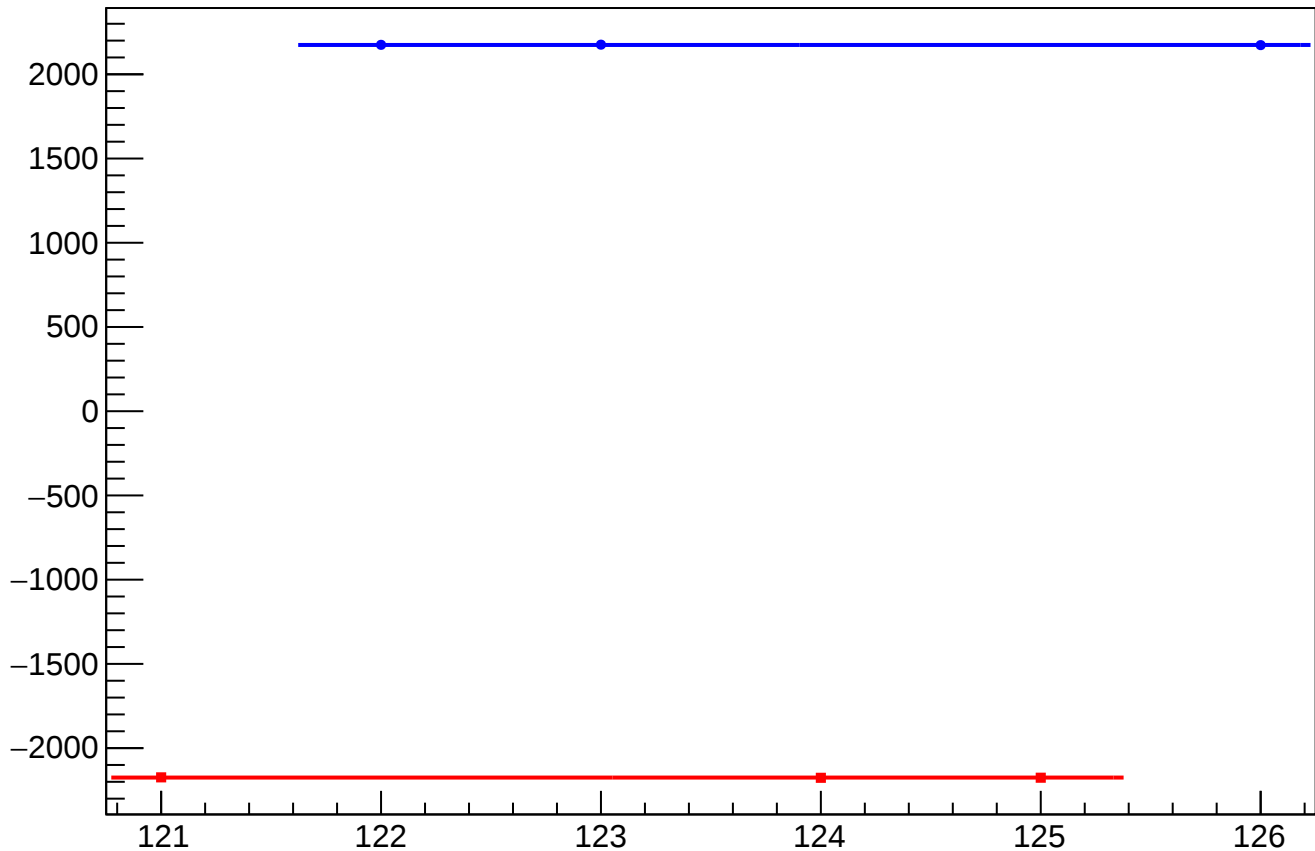
Right: -0.526+/-0.000 χ^2/NDF : 1383800115530442

In: 89.959+/-0.000 χ^2/NDF : 9087.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

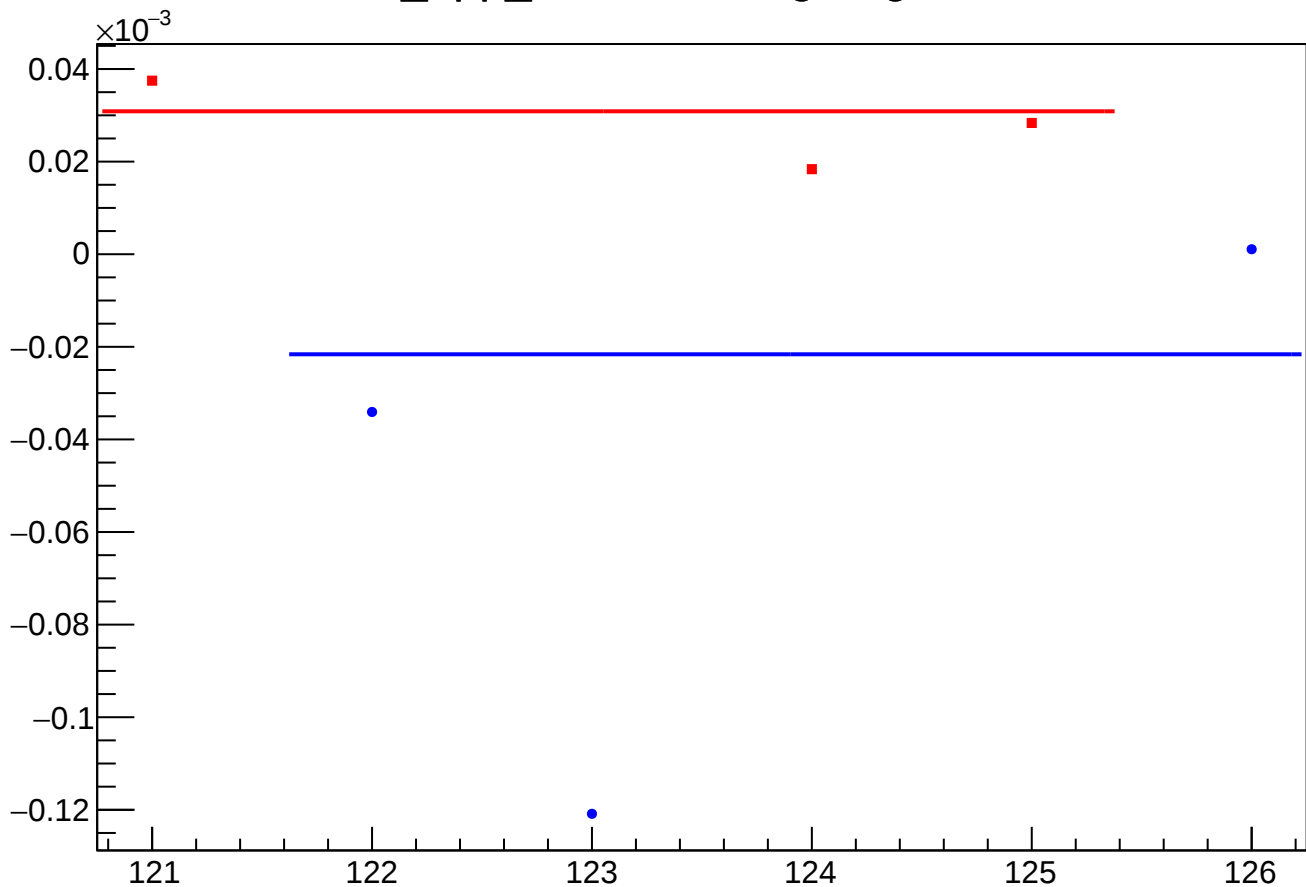
All: -0.526+/-0.000 χ^2/NDF : 1383800115530

HALLA_p_mean vs Slug, Sign Corrected



Right In: 2174.180+/-0.000 χ^2/NDF : 71666323968738013528013945176064.0/2
Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: -13.026+/-0.000 χ^2/NDF : 808529666852501
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 2174.180+/-0.000 χ^2/NDF : 7166632396873801
Right Out: -2174.799+/-0.000 χ^2/NDF : 113456791354500665471025721376768.0/2
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -13.026+/-0.000 χ^2/NDF : 808529666852

HALLA_dpp_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000

χ^2/NDF : 66357233252723754795008.0/2

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000

χ^2/NDF : 18820657849908486

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 4102539286355599949824.0/2

In: -0.000+/-0.000

χ^2/NDF : 66357233252723754795008.0/2

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

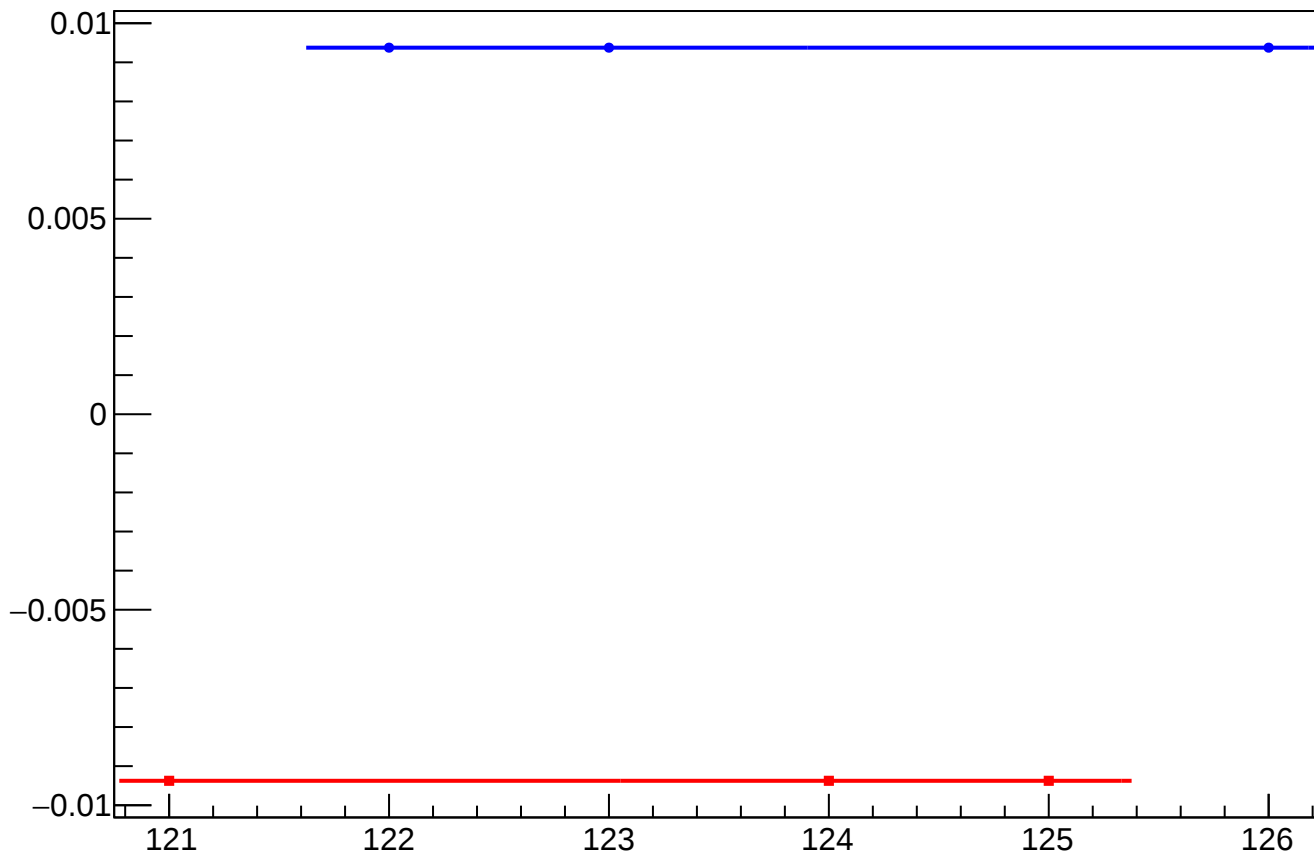
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 18820657849908486

MQ171LM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/2

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

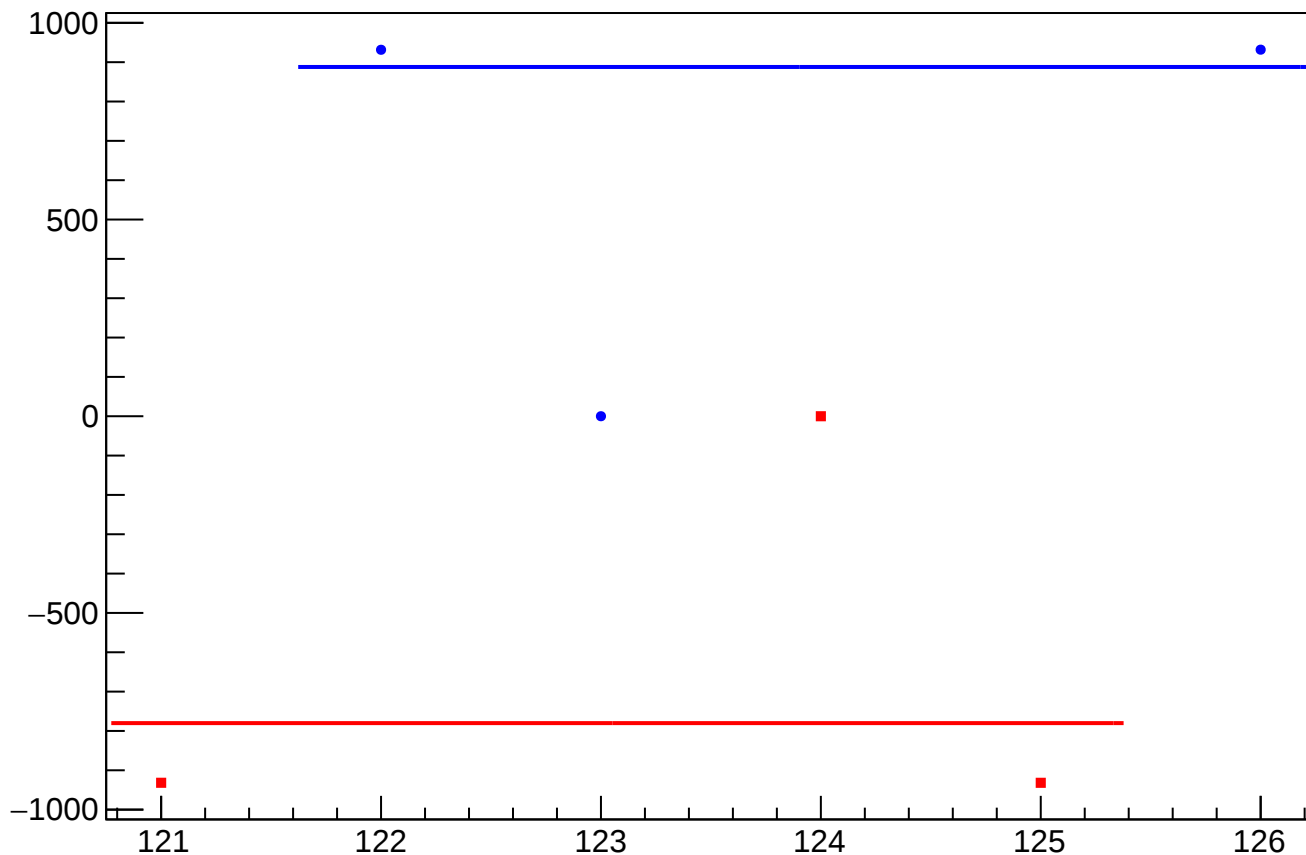
Right: -0.000+/-0.000 χ^2/NDF : 1502878289473683

In: 0.009+/-0.000 χ^2/NDF : 0.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

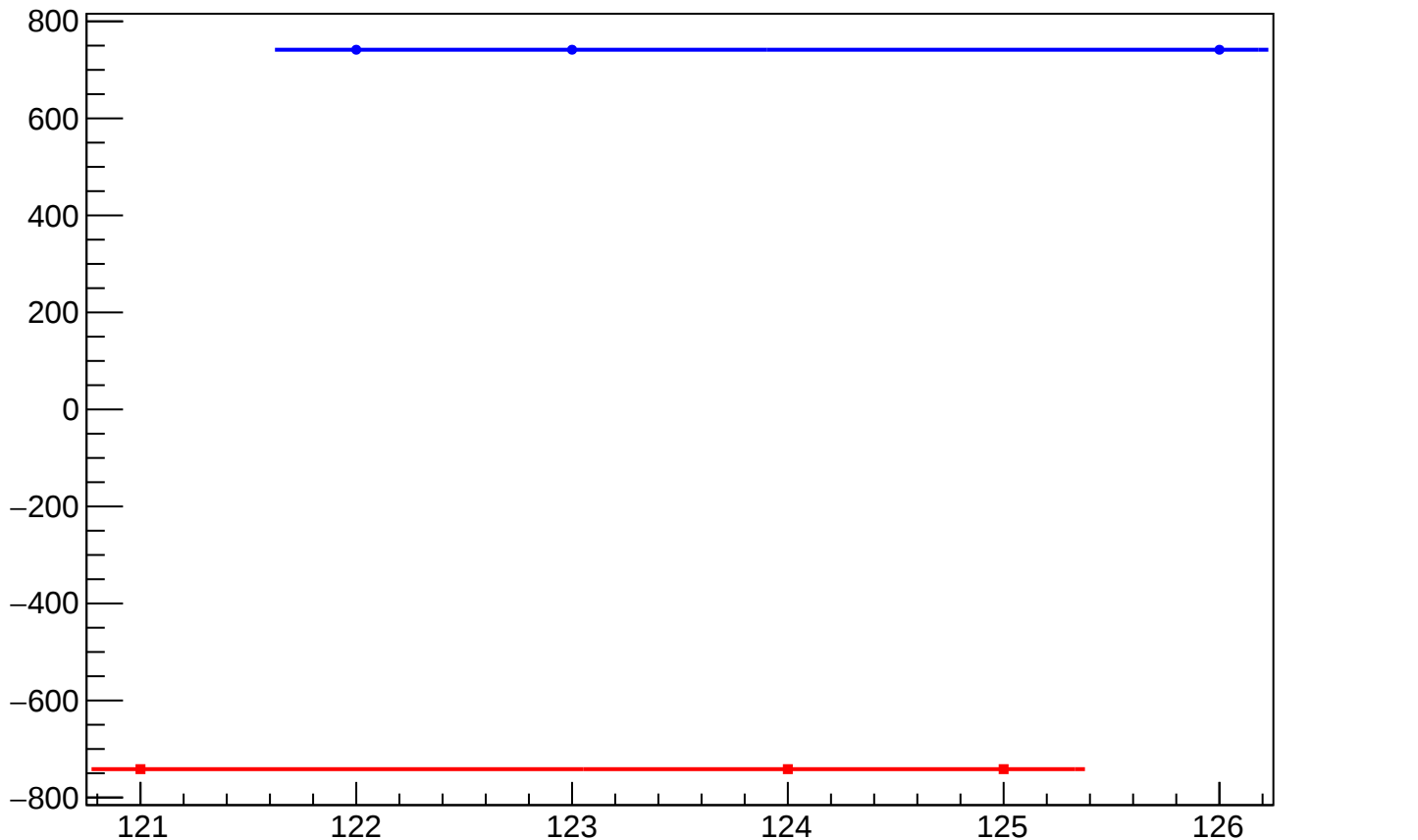
All: -0.000+/-0.000 χ^2/NDF : 1502878289473

HacL_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



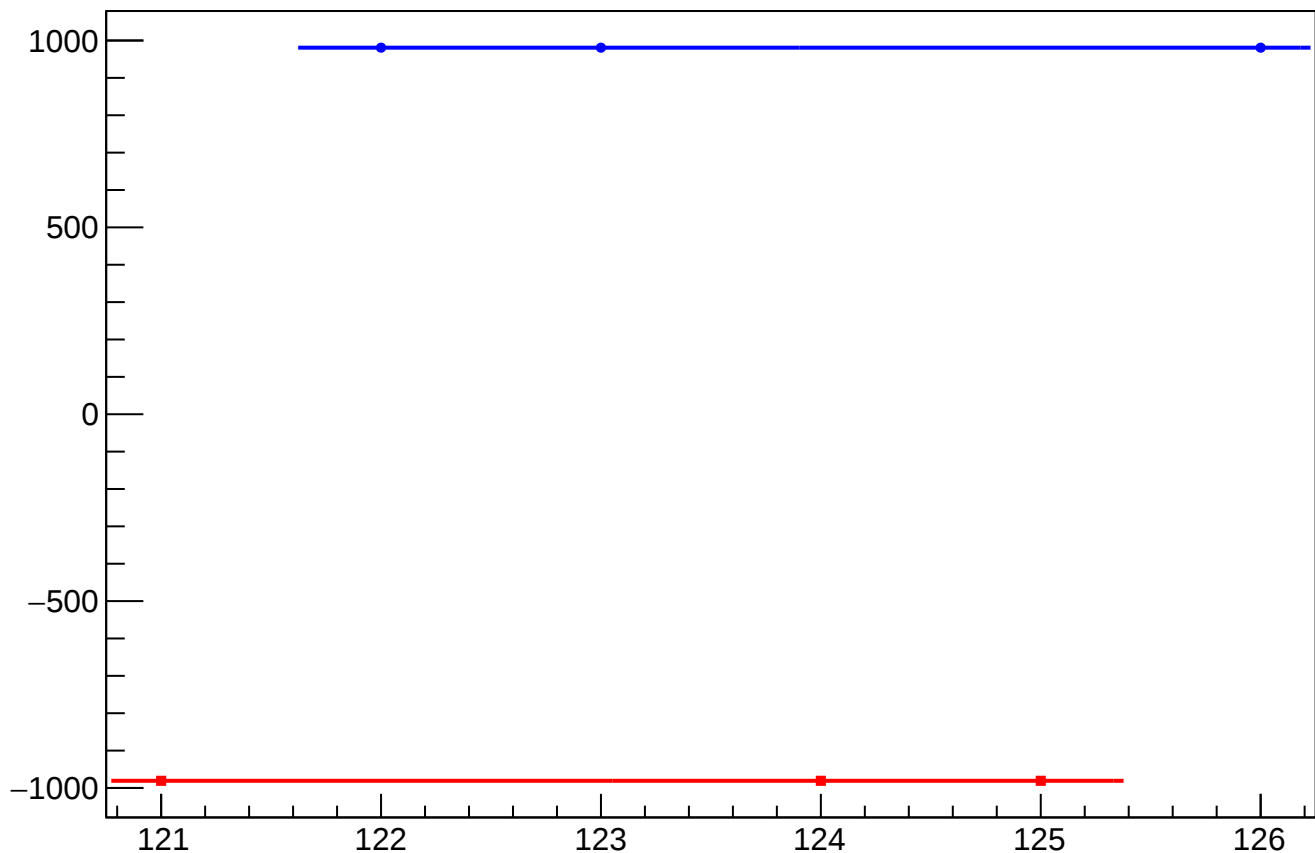
Right In: 887.825+/-0.000 χ^2/NDF : 3308401323558373251383123287419650048.0/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -780.090+/-0.000 χ^2/NDF : 10175318708994940668080460180035207168.0/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 48.990+/-0.000 χ^2/NDF : 1324075509668881

HacL_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



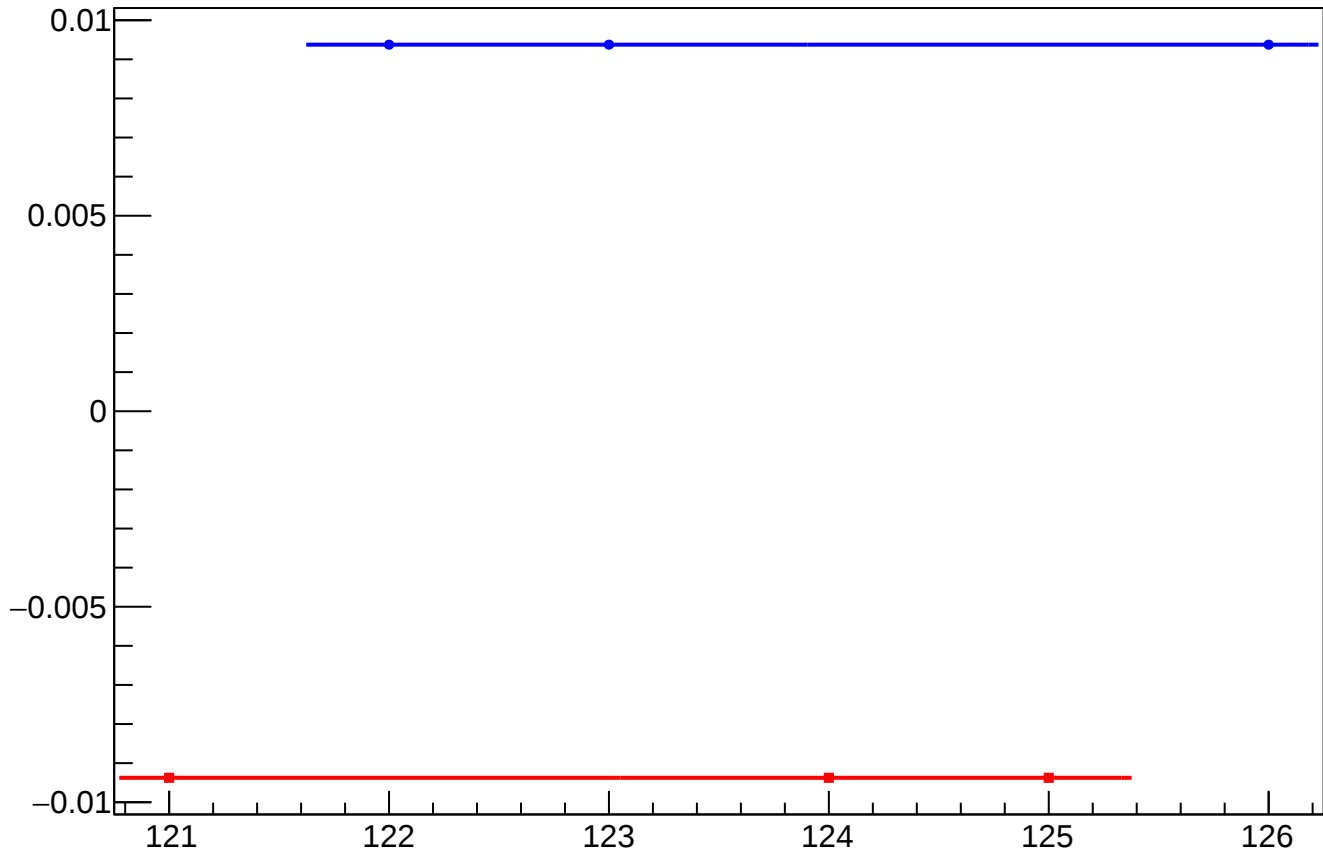
Right In: 741.527+/-0.000 χ^2/NDF : 1848209694000308461301137408.0/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -741.534+/-0.000 χ^2/NDF : 1066614146707326095845228544.0/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -4.340+/-0.000 χ^2/NDF : 9402405071490451.0/2

HacL_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 980.830+/-0.000 χ^2/NDF : 613958360675986633515859968.0/2
 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: -5.737+/-0.000 χ^2/NDF : 1645013606644845

MQ172RM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/2

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

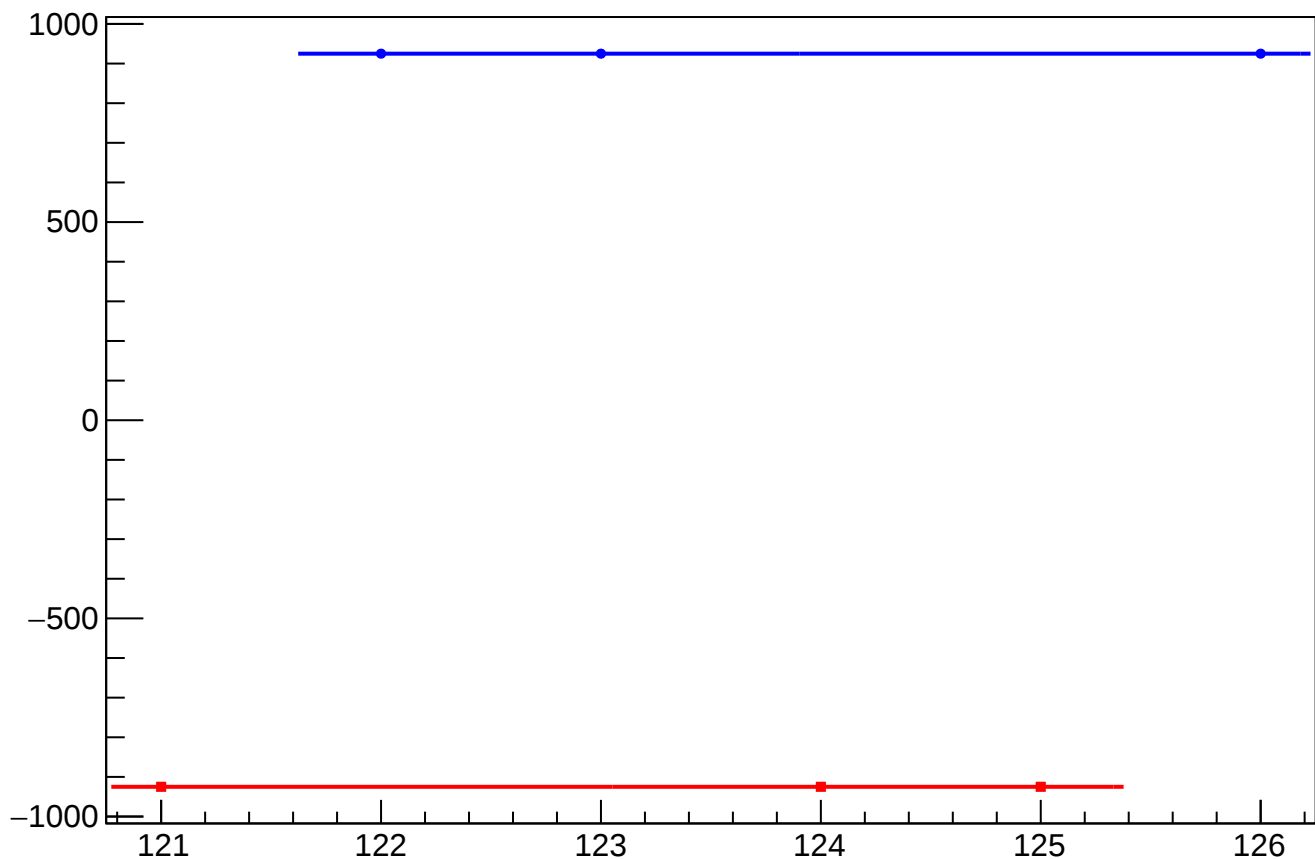
Right: -0.000+/-0.000 χ^2/NDF : 1502878289473683

In: 0.009+/-0.000 χ^2/NDF : 0.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

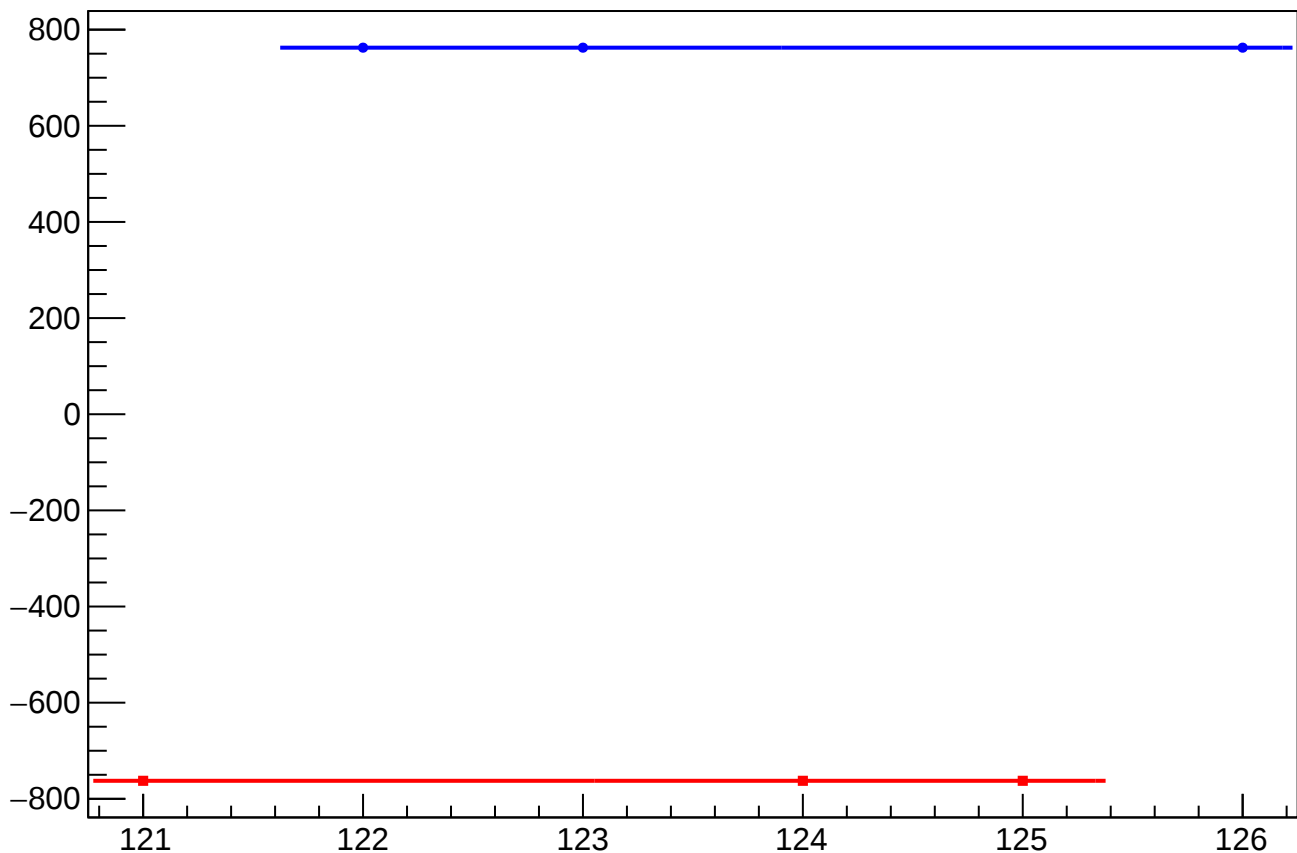
All: -0.000+/-0.000 χ^2/NDF : 1502878289473

HacR_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



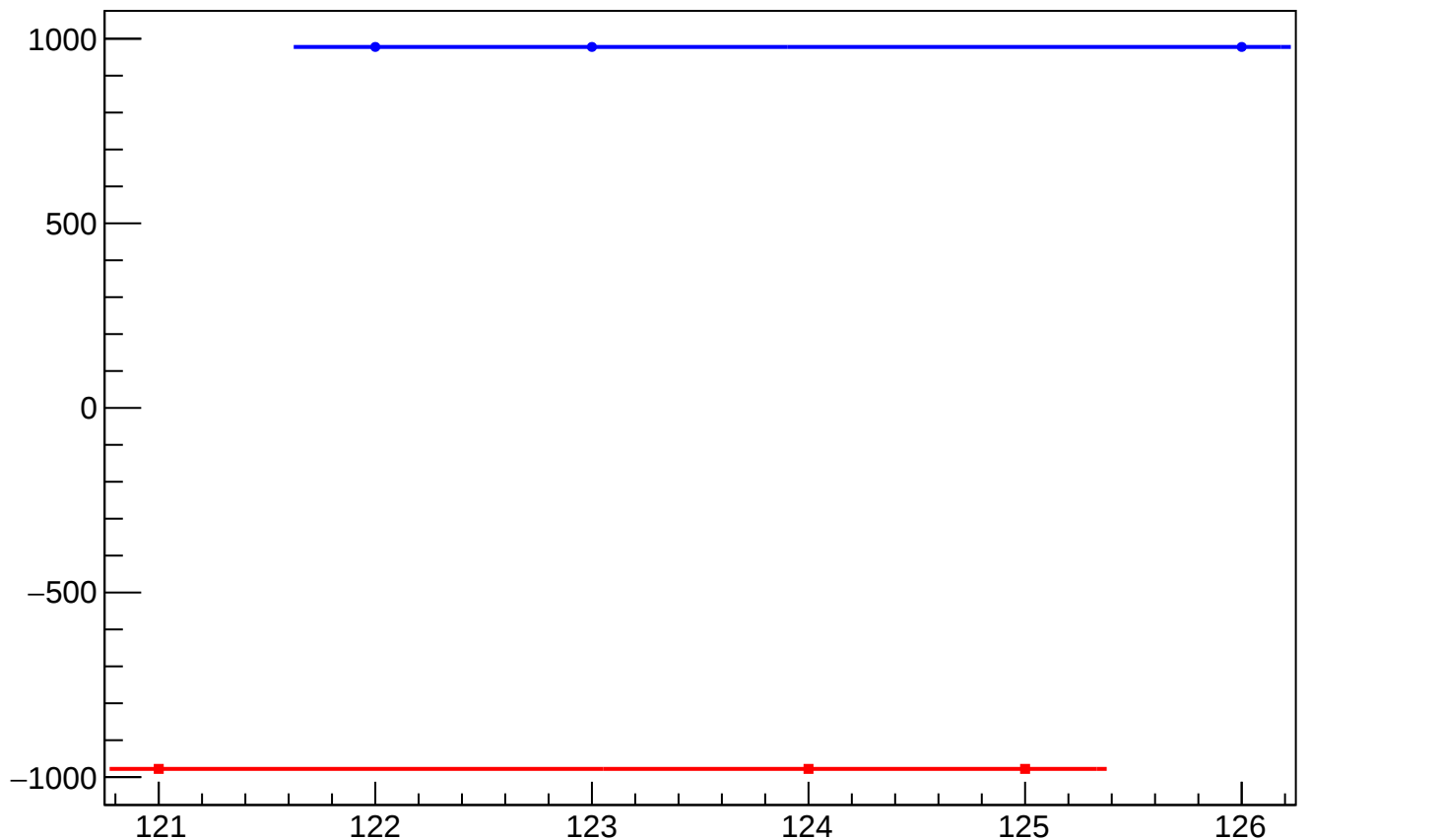
Right In: 924.952+/-0.000 χ^2/NDF : 1042458129777920415448956928.0/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -924.958+/-0.000 χ^2/NDF : 1976260789632877949234446336.0/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -5.412+/-0.000 χ^2/NDF : 1462925457949977.0/2

HacR_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



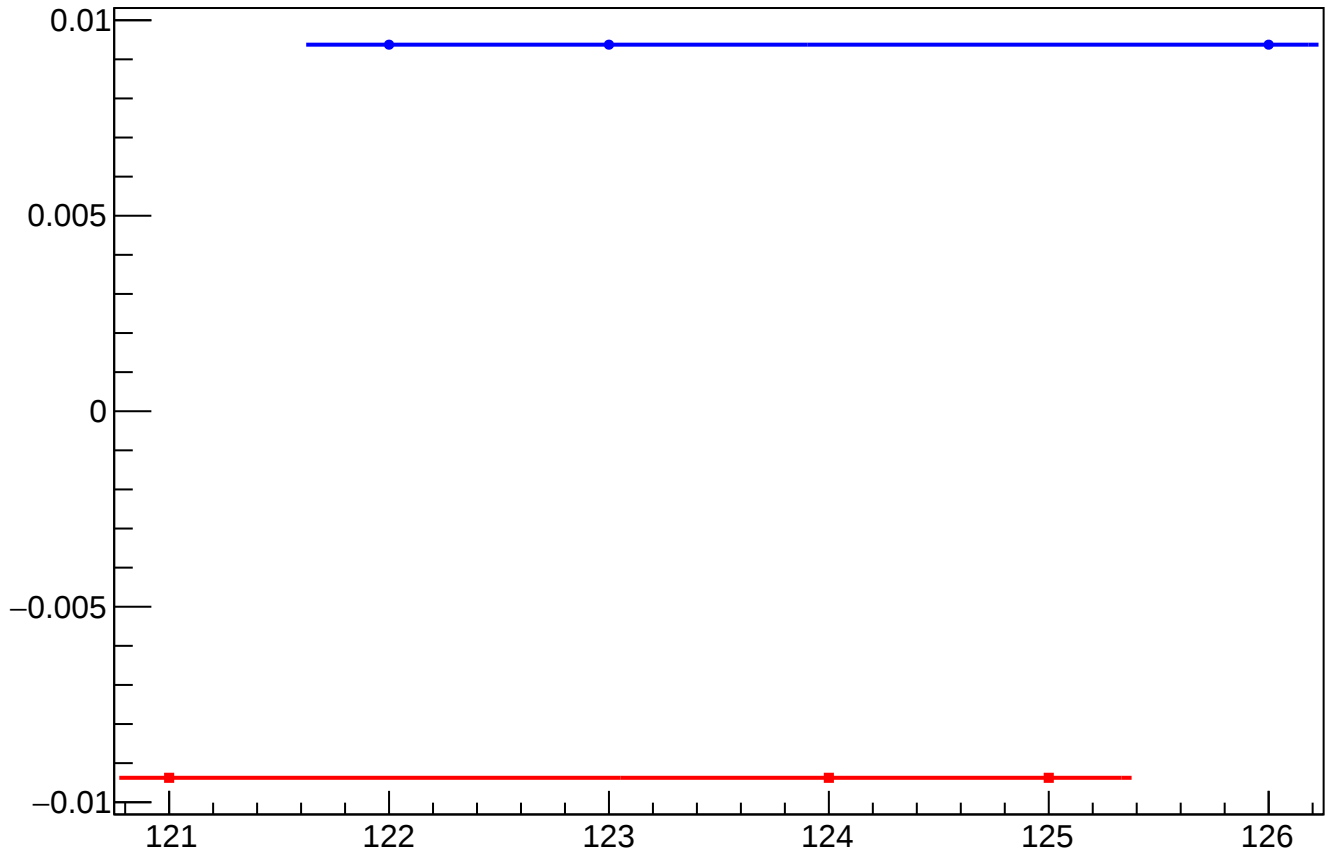
Right In: 762.502 $\pm$ 0.000 χ^2 /NDF: 13331015882770957222281216.0/2
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -762.502 $\pm$ 0.000 χ^2 /NDF: 170056465140037967675392.0/2
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -4.459 $\pm$ 0.000 χ^2 /NDF: 9941765038693246

HacR_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 977.746+/-0.000 χ^2/NDF : 2601119974906769601057521664.0/2
 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: -5.719+/-0.000 χ^2/NDF : 1634685271363542.0/2

hesDipole_current_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/2

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

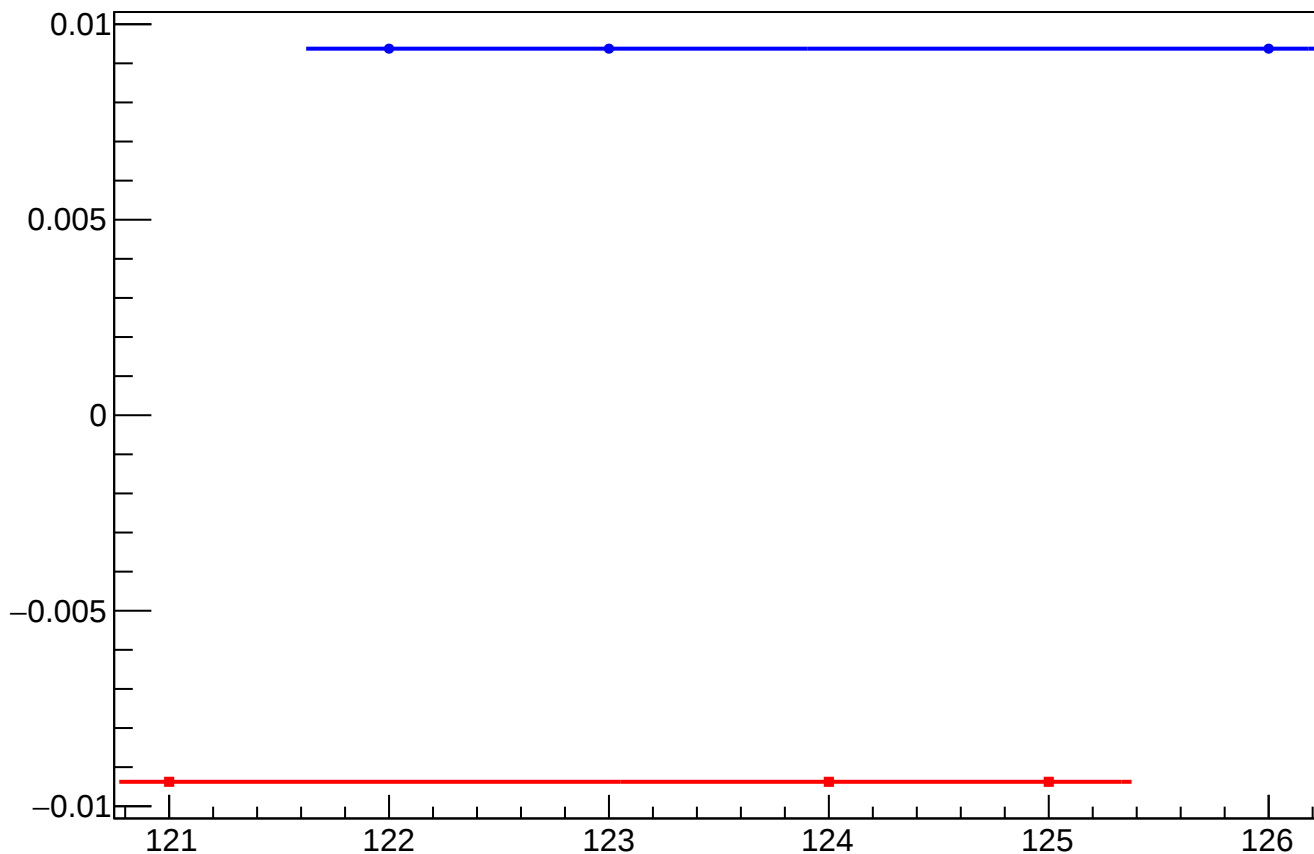
Right: -0.000+/-0.000 χ^2/NDF : 1502878289473683

In: 0.009+/-0.000 χ^2/NDF : 0.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1502878289473

MSUPERBIGBITereadcalc_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/2

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

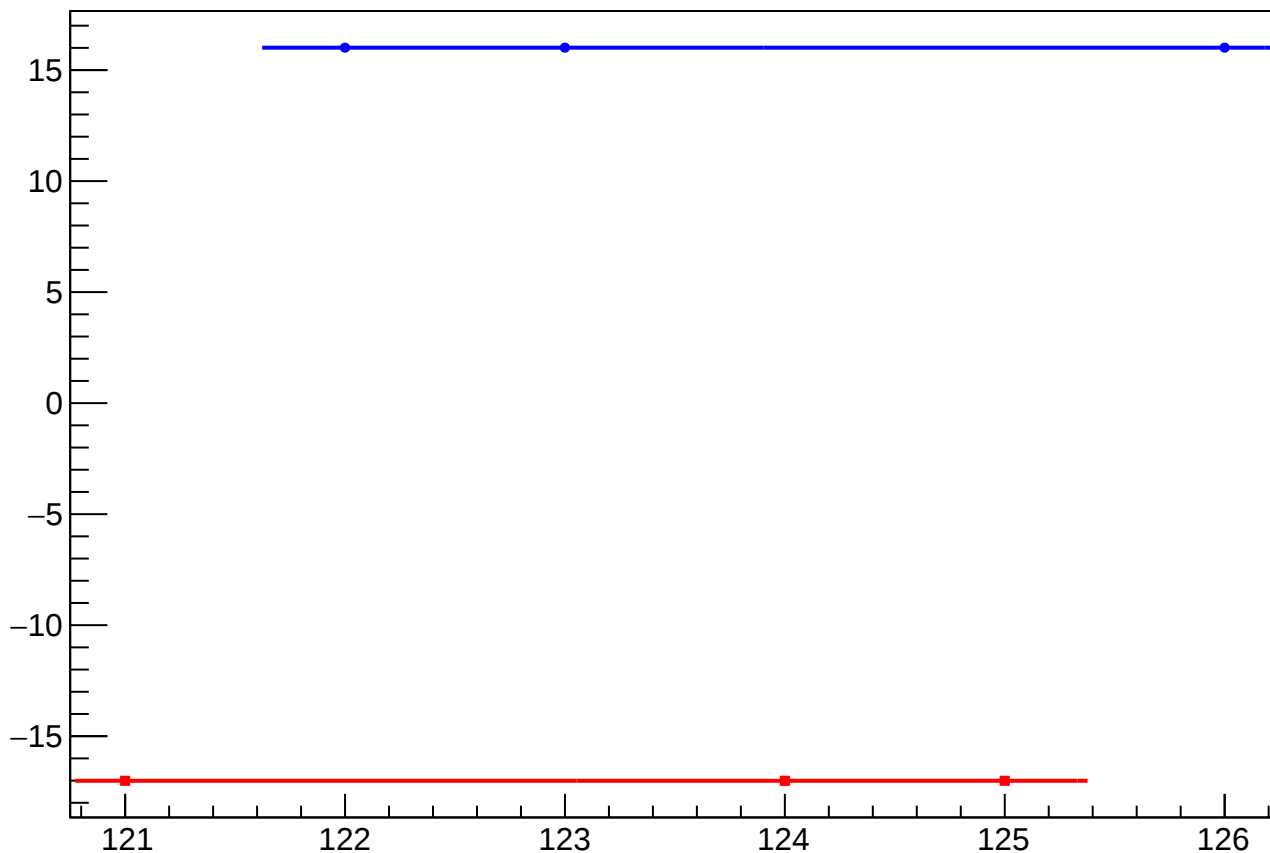
Right: -0.000+/-0.000 χ^2/NDF : 1502878289473683

In: 0.009+/-0.000 χ^2/NDF : 0.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1502878289473

IGL1I00DI24_24M_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2/NDF : 5553.6/2

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

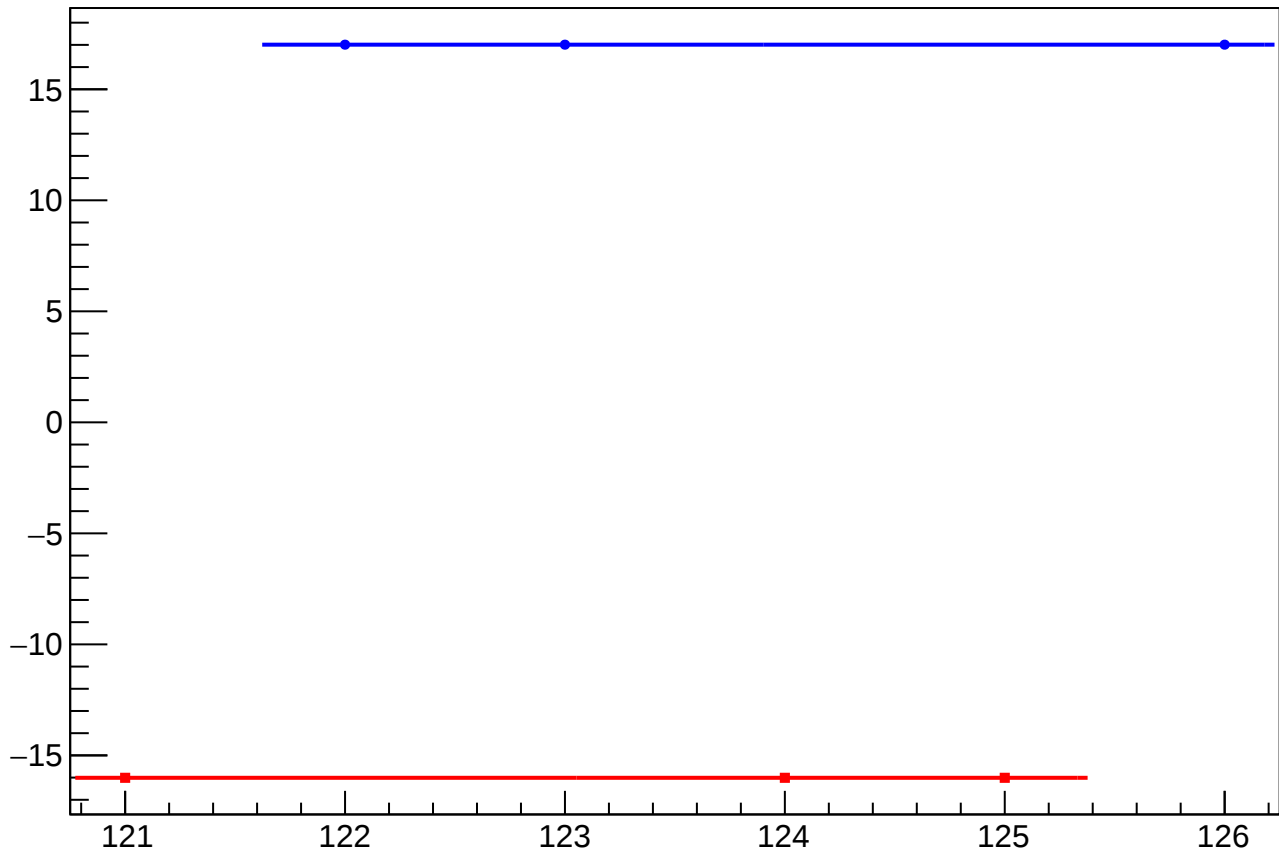
Right: -0.500+/-0.000 χ^2/NDF : 4633479914686889

In: 16.009+/-0.000 χ^2/NDF : 5553.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.500+/-0.000 χ^2/NDF : 4633479914686

IGL1I00OD16_16_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2/NDF : 1312.7/2

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

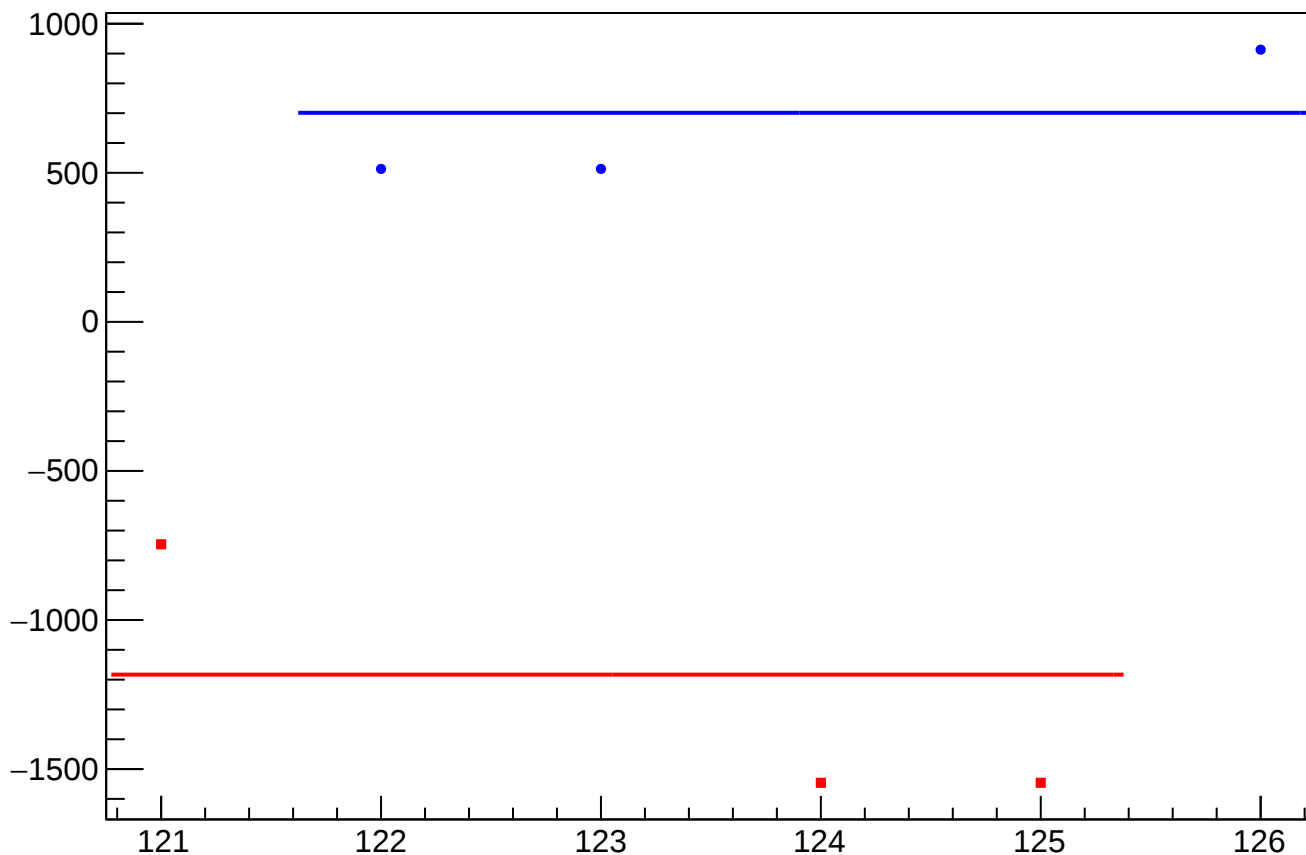
Right: 0.403+/-0.000 χ^2/NDF : 46606074239309275

In: 17.009+/-0.000 χ^2/NDF : 1312.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

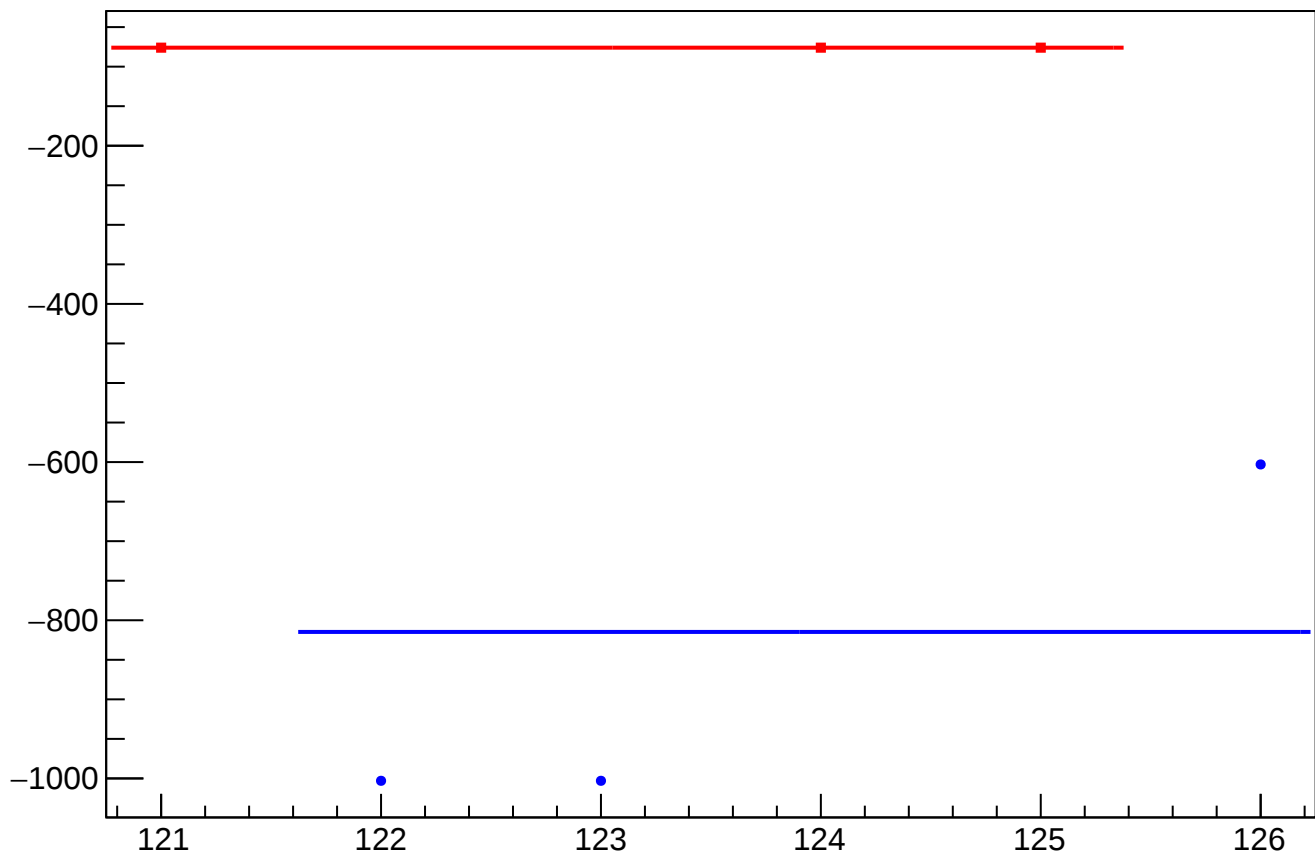
All: 0.403+/-0.000 χ^2/NDF : 46606074239309275

RTPAPOSUCNT_mean vs Slug, Sign Corrected



Right In: 701.226+/-0.000 χ^2/NDF : 3388235294117653862480302326069329920.0/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1183.211+/-0.000 χ^2/NDF : 13641646441241399178469190301552476160.0/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -246.503+/-0.000 χ^2/NDF : 16883438726128

RTPAPOSVCNT_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -443.222+/-0.000 χ^2/NDF : 26718077990732
 In: -814.755+/-0.000 χ^2/NDF : 3388235294117661
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -443.222+/-0.000 χ^2/NDF : 26718077990732