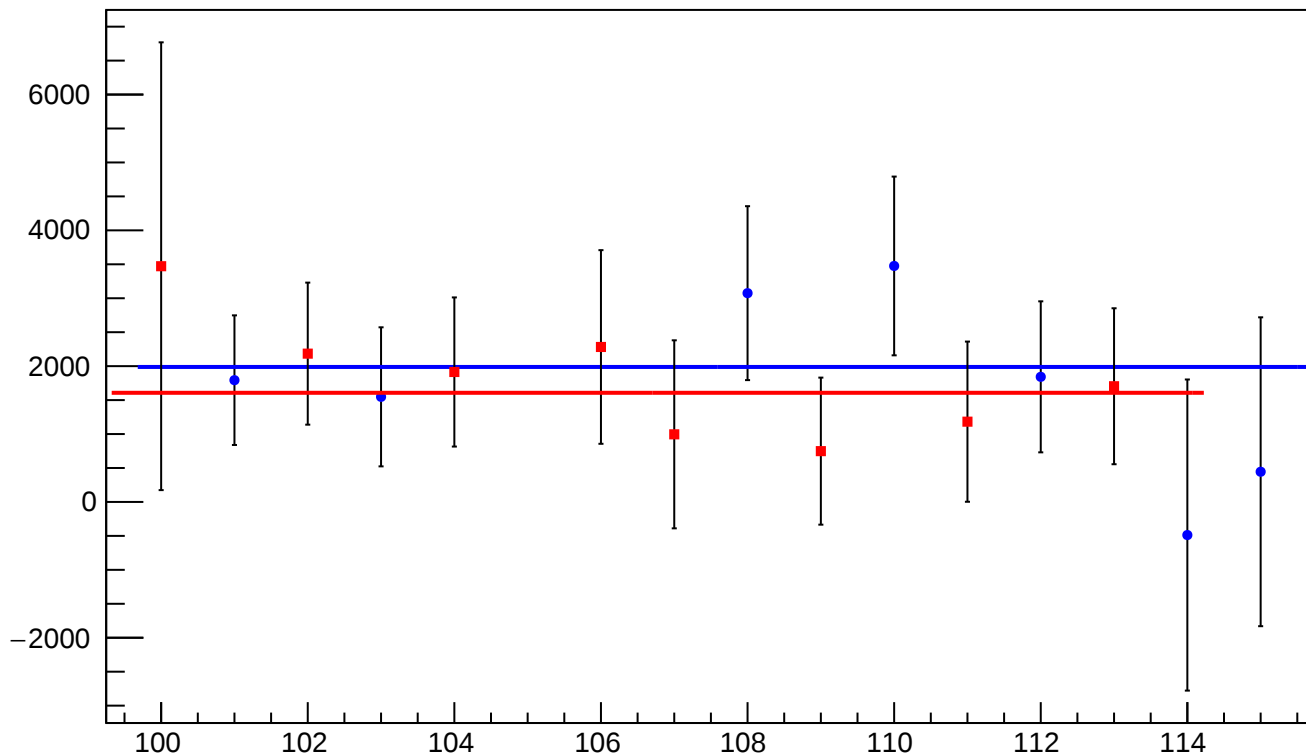


reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 1988.189+/-475.108 χ^2/NDF : 3.9/6

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

Right Out: 1607.531+/-439.466 χ^2/NDF : 1.9/7

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

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1783.048+/-322.615

χ^2/NDF : 6.1/14

In: 1988.189+/-475.108

χ^2/NDF : 3.9/6

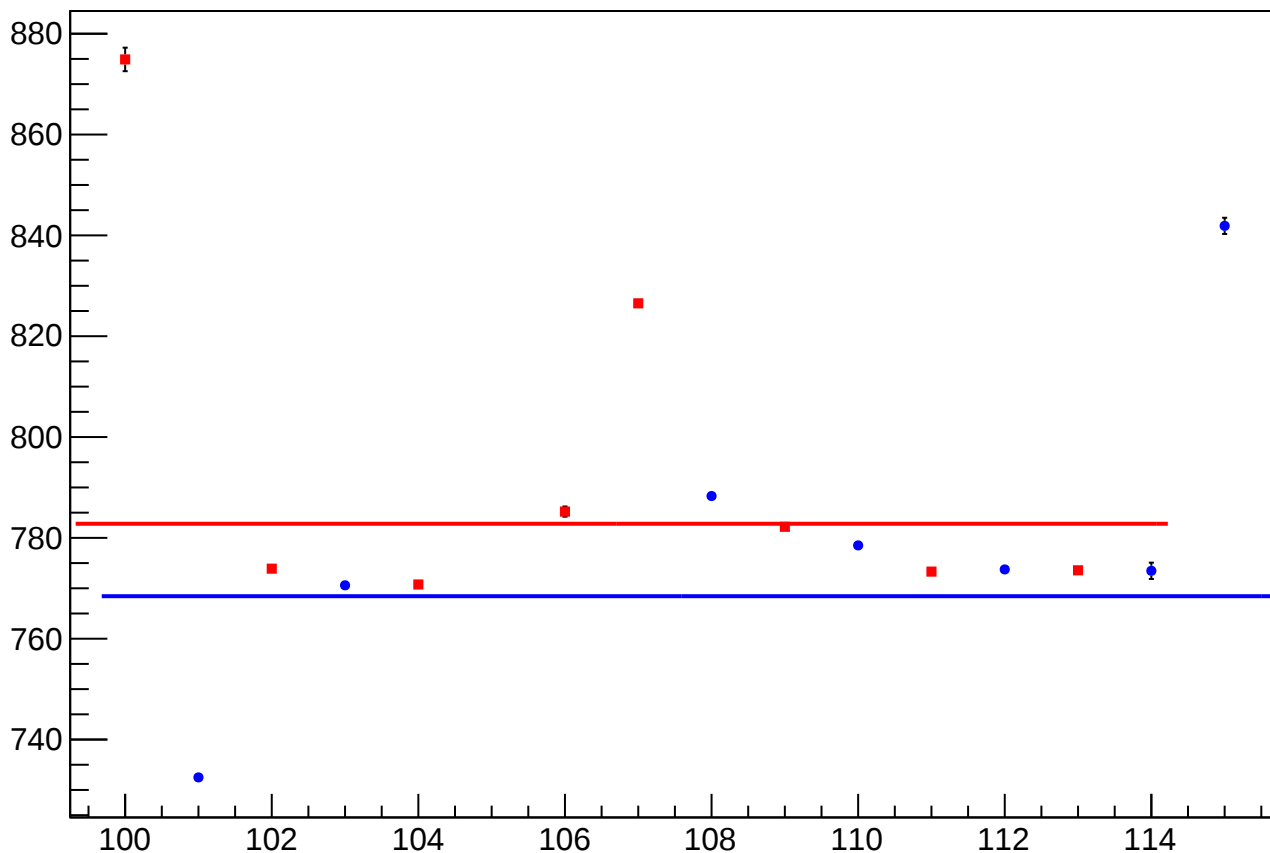
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1783.048+/-322.615

χ^2/NDF : 6.1/14

reg_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 768.431+/-0.336 χ^2/NDF : 5583.6/6

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

Right Out: 782.800+/-0.311 χ^2/NDF : 4205.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

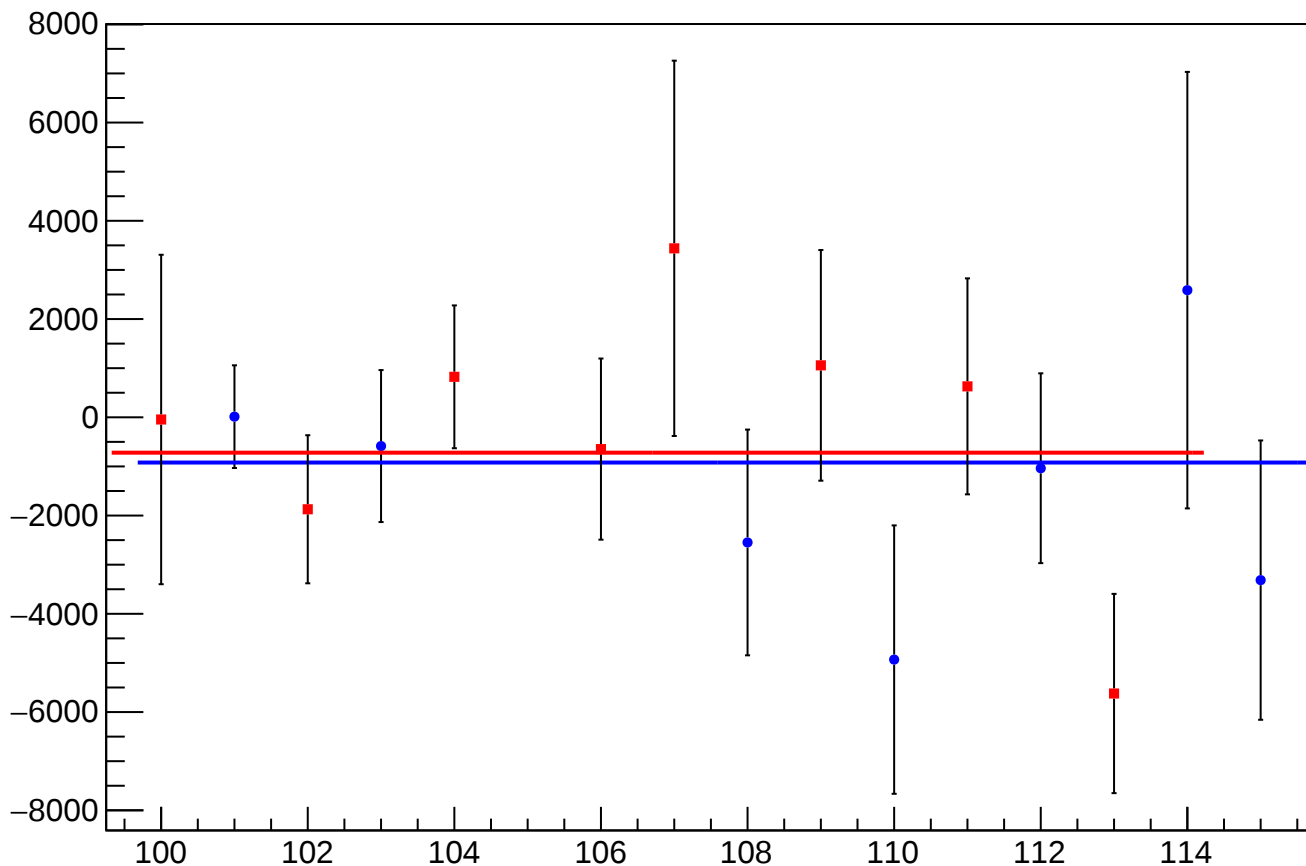
Right: 776.175+/-0.228 χ^2/NDF : 10774.5/14

In: 768.431+/-0.336 χ^2/NDF : 5583.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 776.175+/-0.228 χ^2/NDF : 10774.5/14

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -920.733+/-690.213 χ^2/NDF : 4.8/6

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

Right Out: -719.930+/-707.701 χ^2/NDF : 9.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

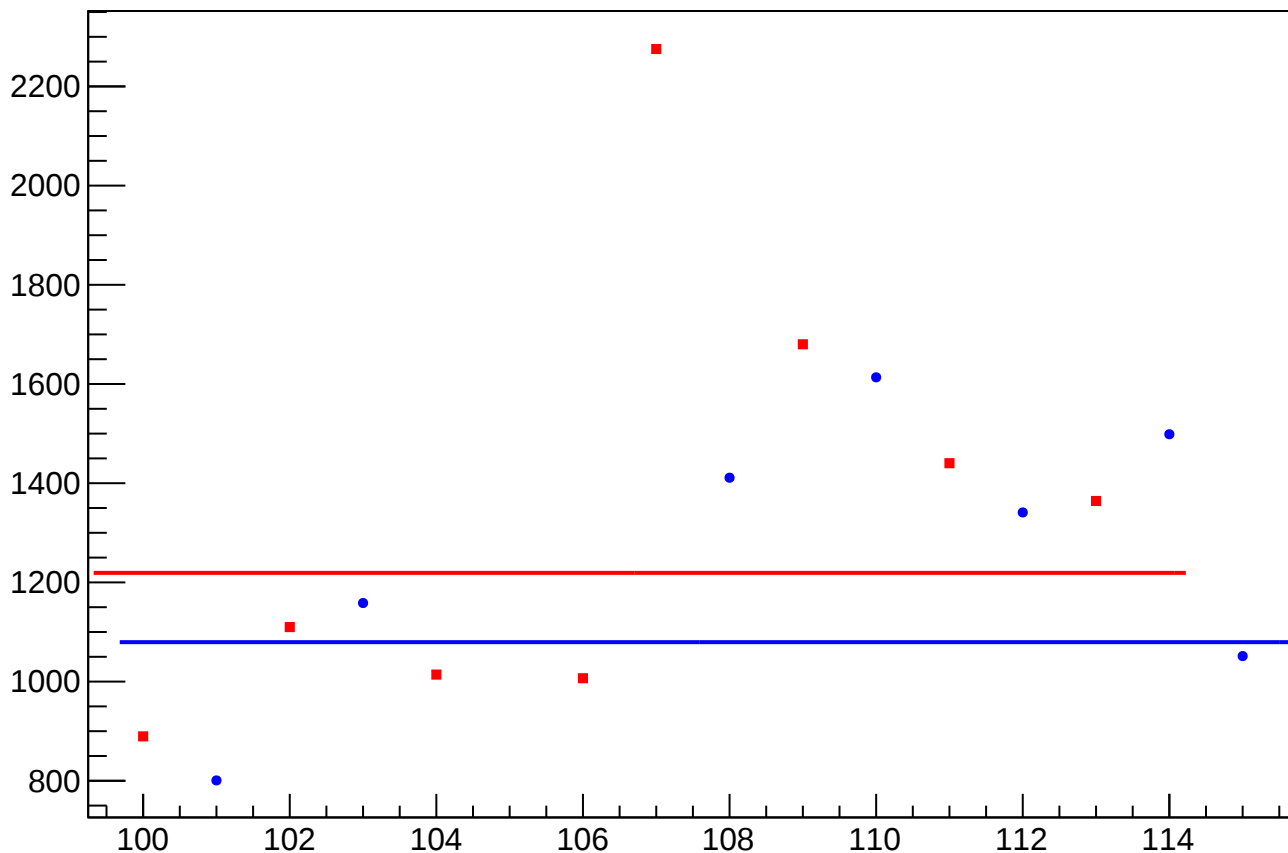
Right: -822.843+/-494.121 χ^2/NDF : 14.6/14

In: -920.733+/-690.213 χ^2/NDF : 4.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -822.843+/-494.121 χ^2/NDF : 14.6/14

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1079.497+/-0.488 χ^2/NDF : 320202.0/6

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

Right Out: 1219.198+/-0.500 χ^2/NDF : 356628.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

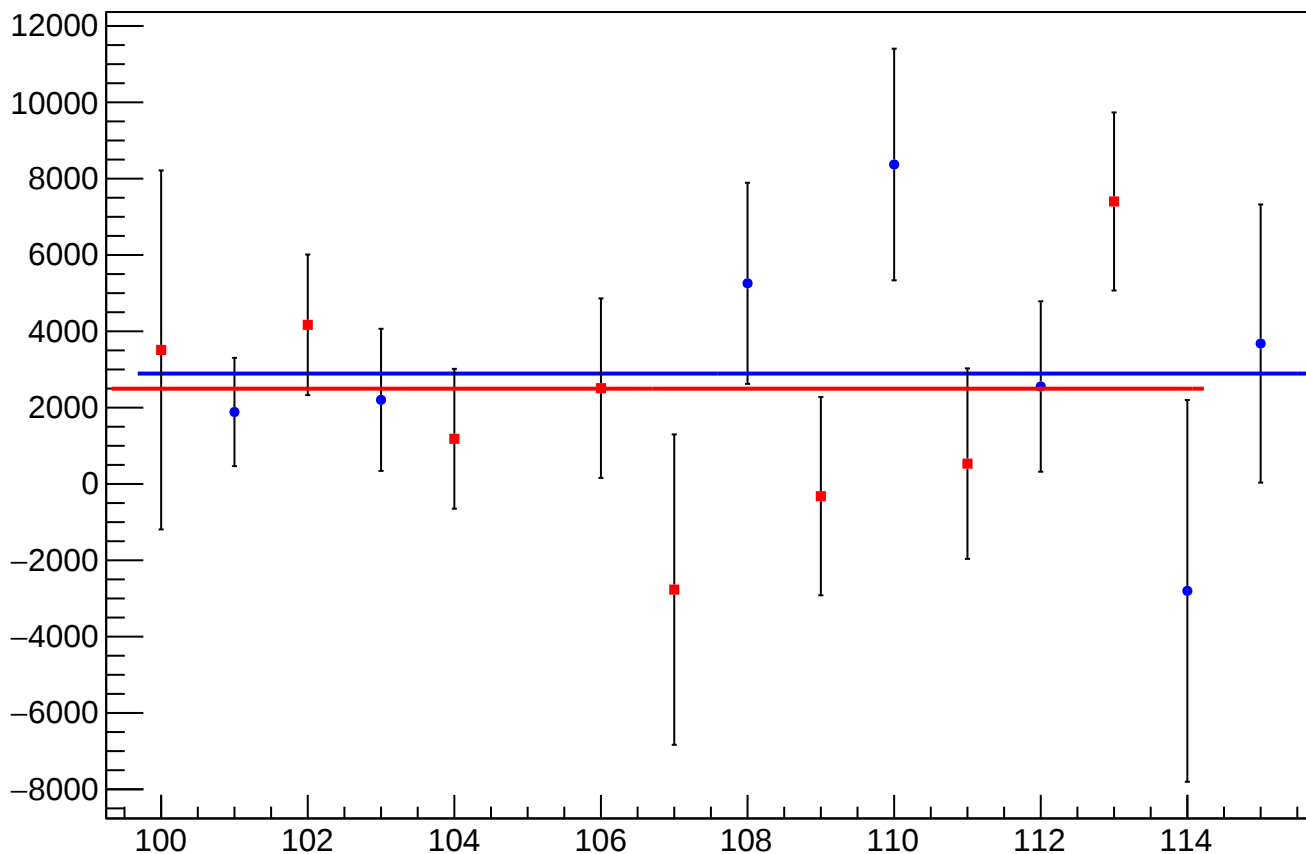
Right: 1147.600+/-0.349 χ^2/NDF : 716772.0/14

In: 1079.497+/-0.488 χ^2/NDF : 320202.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1147.600+/-0.349 χ^2/NDF : 716772.0/14

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2892.921+/-859.345 χ^2/NDF : 6.1/6

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

Right Out: 2497.013+/-853.828 χ^2/NDF : 9.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

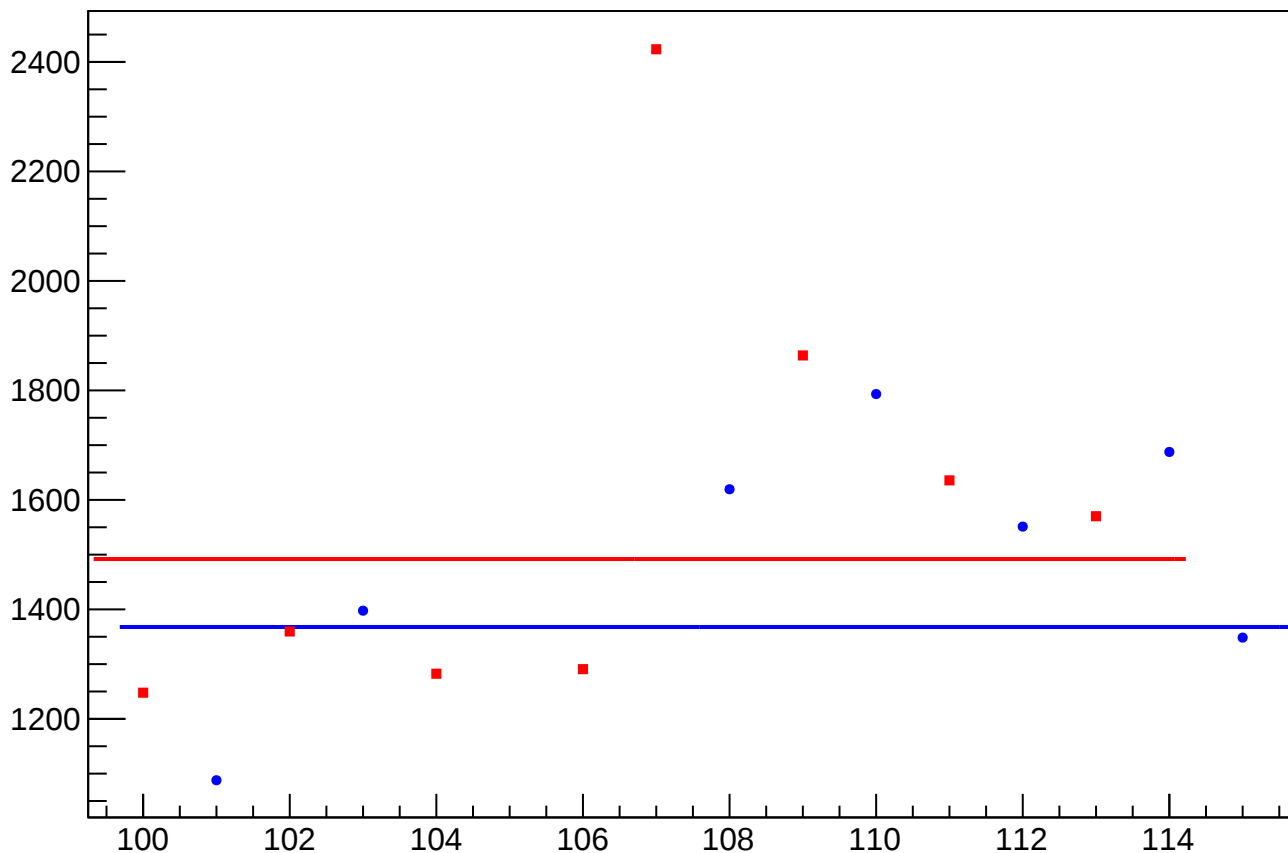
Right: 2693.692+/-605.689 χ^2/NDF : 15.5/14

In: 2892.921+/-859.345 χ^2/NDF : 6.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2693.692+/-605.689 χ^2/NDF : 15.5/14

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1367.828+/-0.608 χ^2/NDF : 157709.9/6

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

Right Out: 1492.000+/-0.604 χ^2/NDF : 211259.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

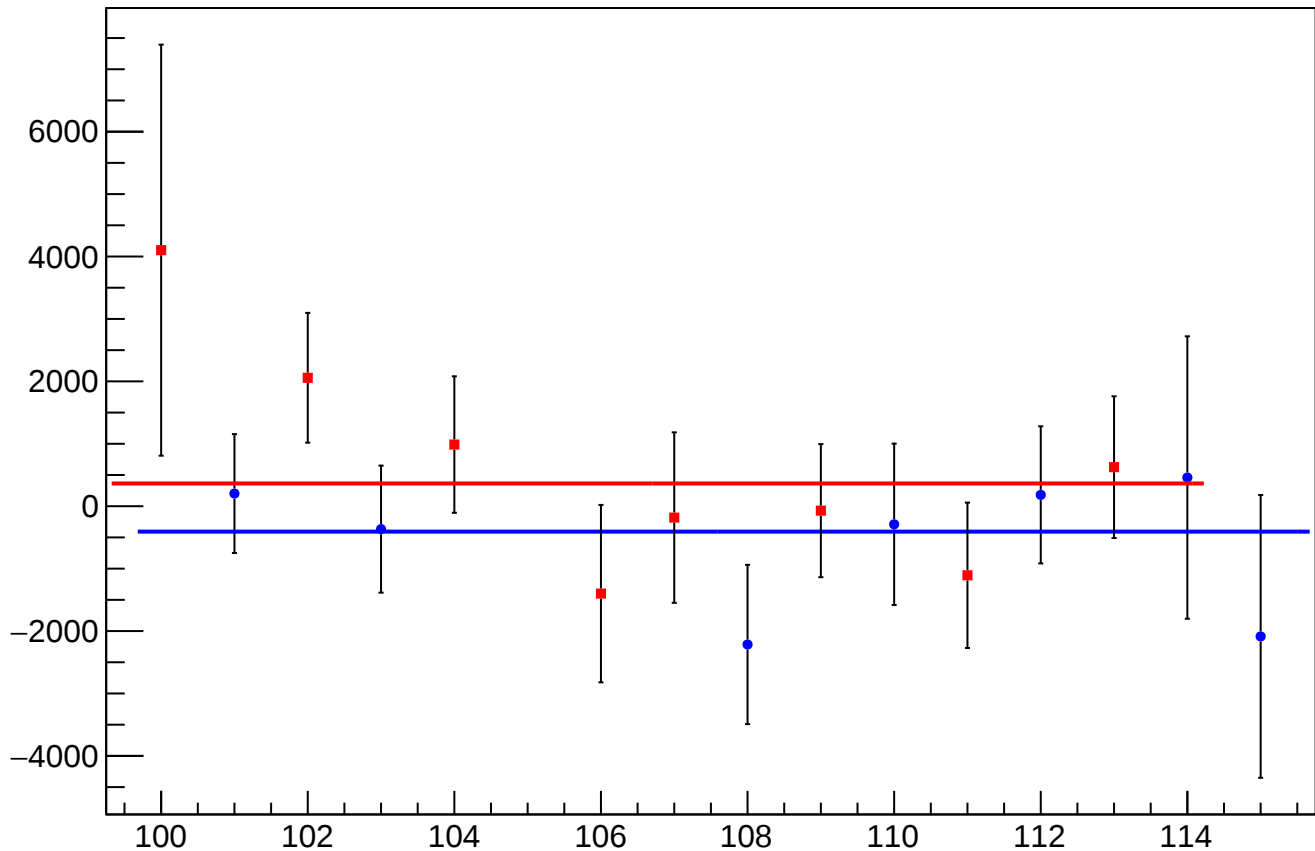
Right: 1430.314+/-0.428 χ^2/NDF : 389983.6/14

In: 1367.828+/-0.608 χ^2/NDF : 157709.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1430.314+/-0.428 χ^2/NDF : 389983.6/14

reg_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -407.066+/-471.423 χ^2/NDF : 3.4/6

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

Right Out: 364.379+/-435.271 χ^2/NDF : 7.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

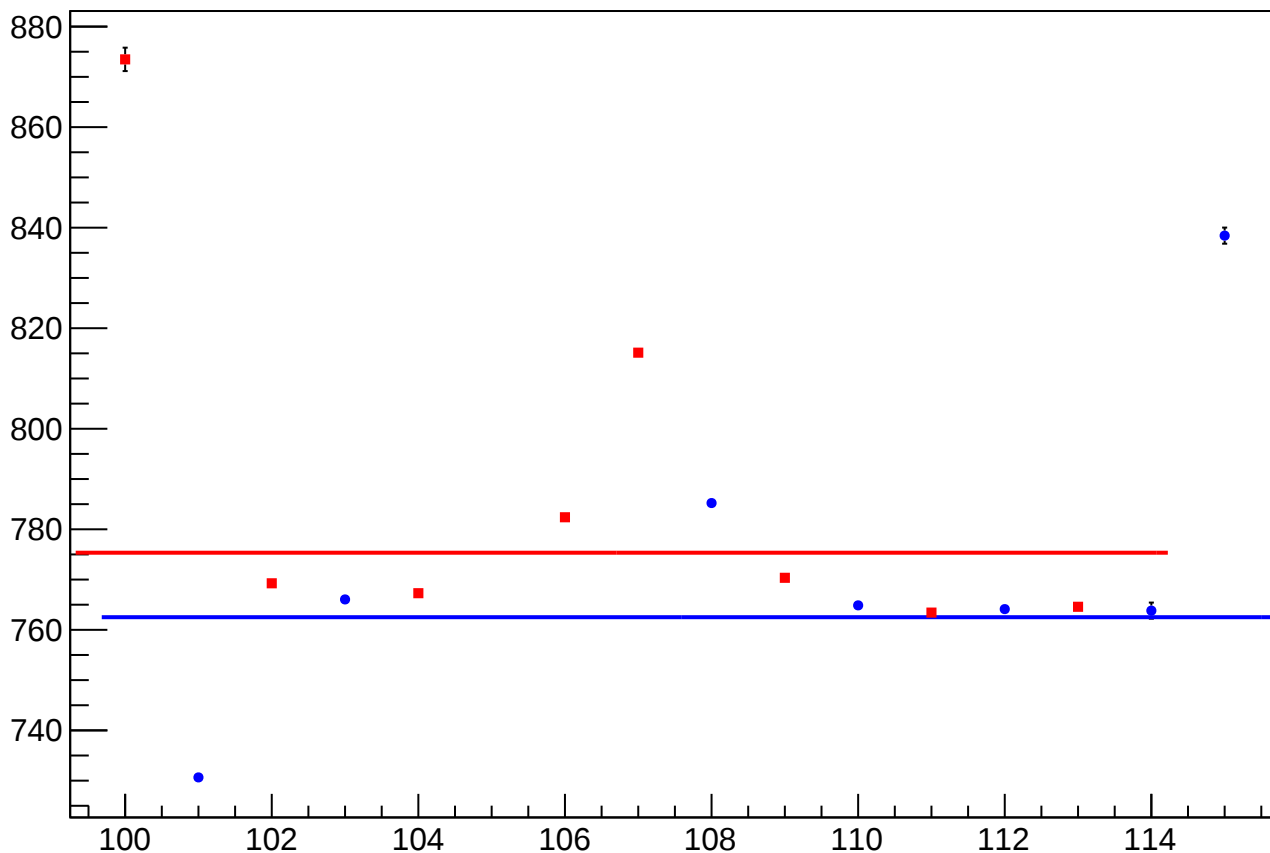
Right: 9.367+/-319.801 χ^2/NDF : 12.6/14

In: -407.066+/-471.423 χ^2/NDF : 3.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.367+/-319.801 χ^2/NDF : 12.6/14

reg_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 762.515+/-0.333 χ^2/NDF : 5155.9/6

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

Right Out: 775.342+/-0.308 χ^2/NDF : 4134.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

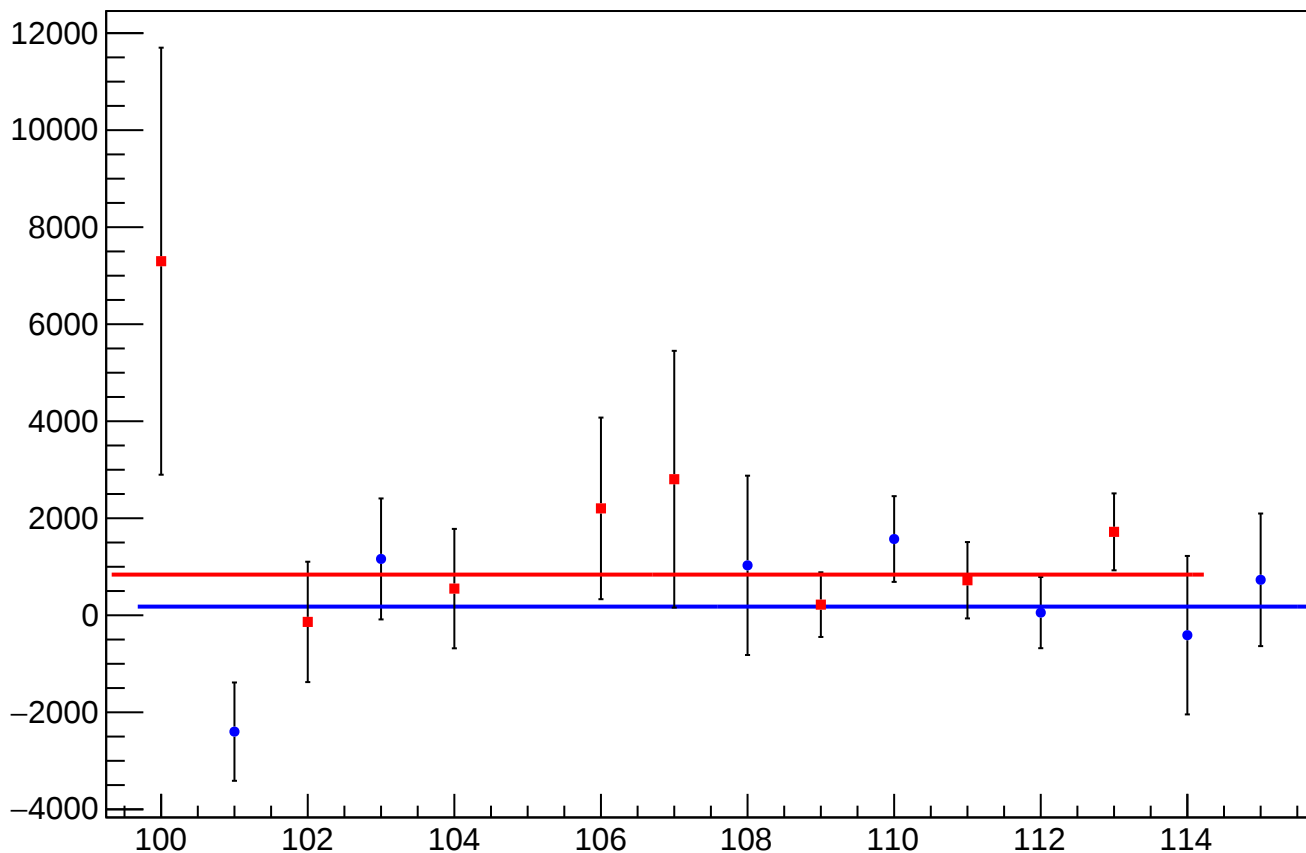
Right: 769.439+/-0.226 χ^2/NDF : 10089.5/14

In: 762.515+/-0.333 χ^2/NDF : 5155.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 769.439+/-0.226 χ^2/NDF : 10089.5/14

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: 178.863+/-409.632 χ^2/NDF : 10.1/6

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

Right Out: 838.679+/-371.475 χ^2/NDF : 6.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

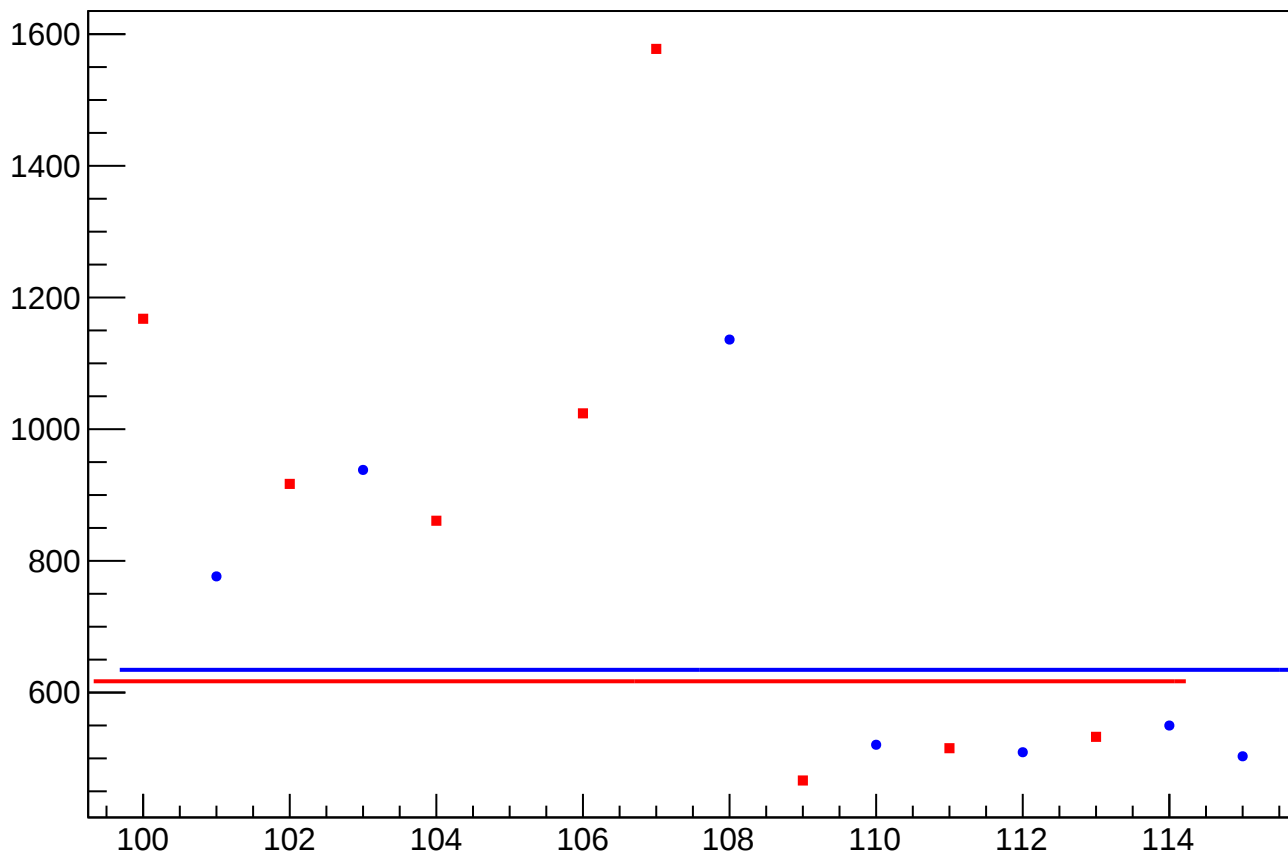
Right: 540.926+/-275.176 χ^2/NDF : 17.6/14

In: 178.863+/-409.632 χ^2/NDF :10.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 540.926+/-275.176 χ^2/NDF : 17.6/14

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 634.506+/-0.290 χ^2/NDF : 420384.7/6

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

Right Out: 617.105+/-0.263 χ^2/NDF : 742876.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

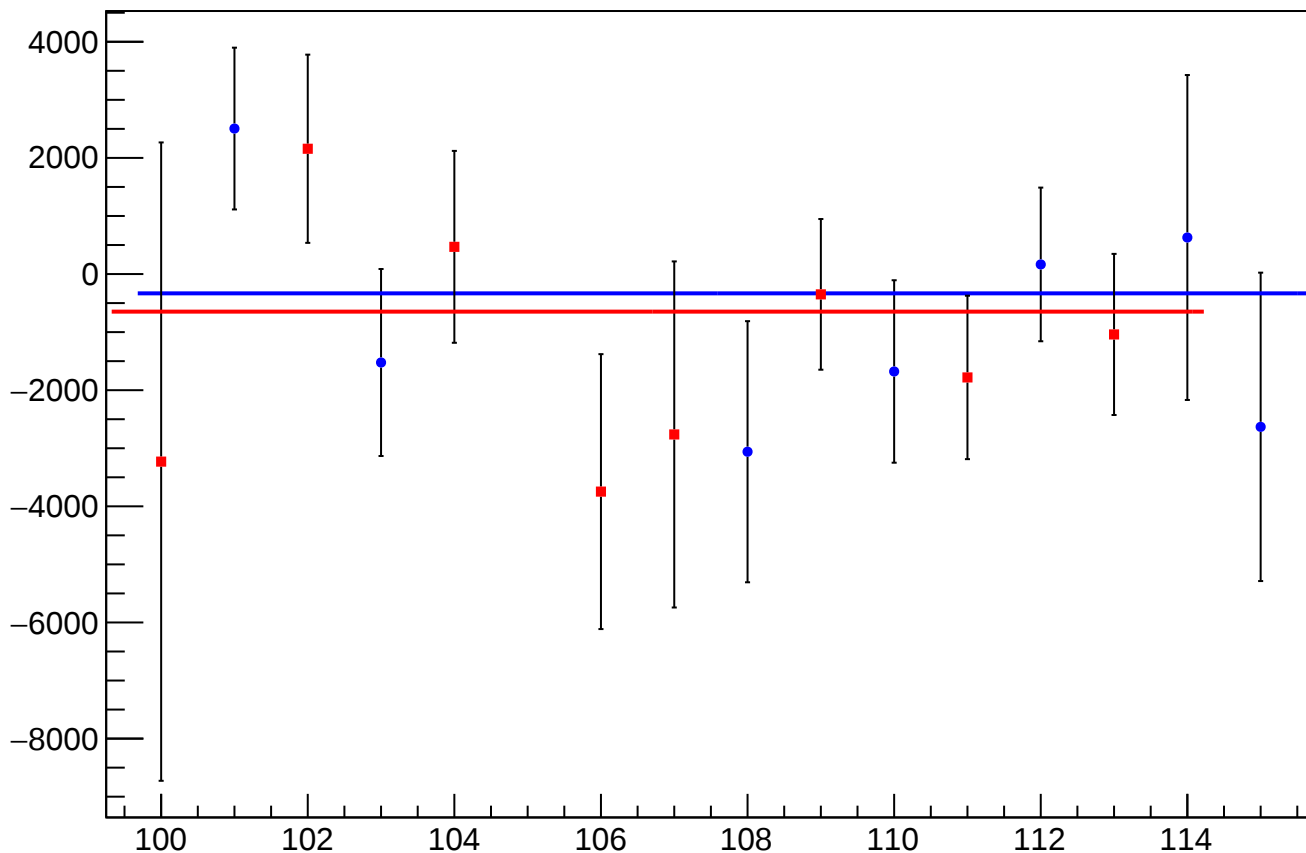
Right: 624.957+/-0.195 χ^2/NDF : 1165241.2/14

In: 634.506+/-0.290 χ^2/NDF : 420384.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 624.957+/-0.195 χ^2/NDF : 1165241.2/14

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -332.400+/-653.041 χ^2 /NDF: 7.9/6

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

Right Out: -647.187+/-609.715 χ^2 /NDF: 6.7/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

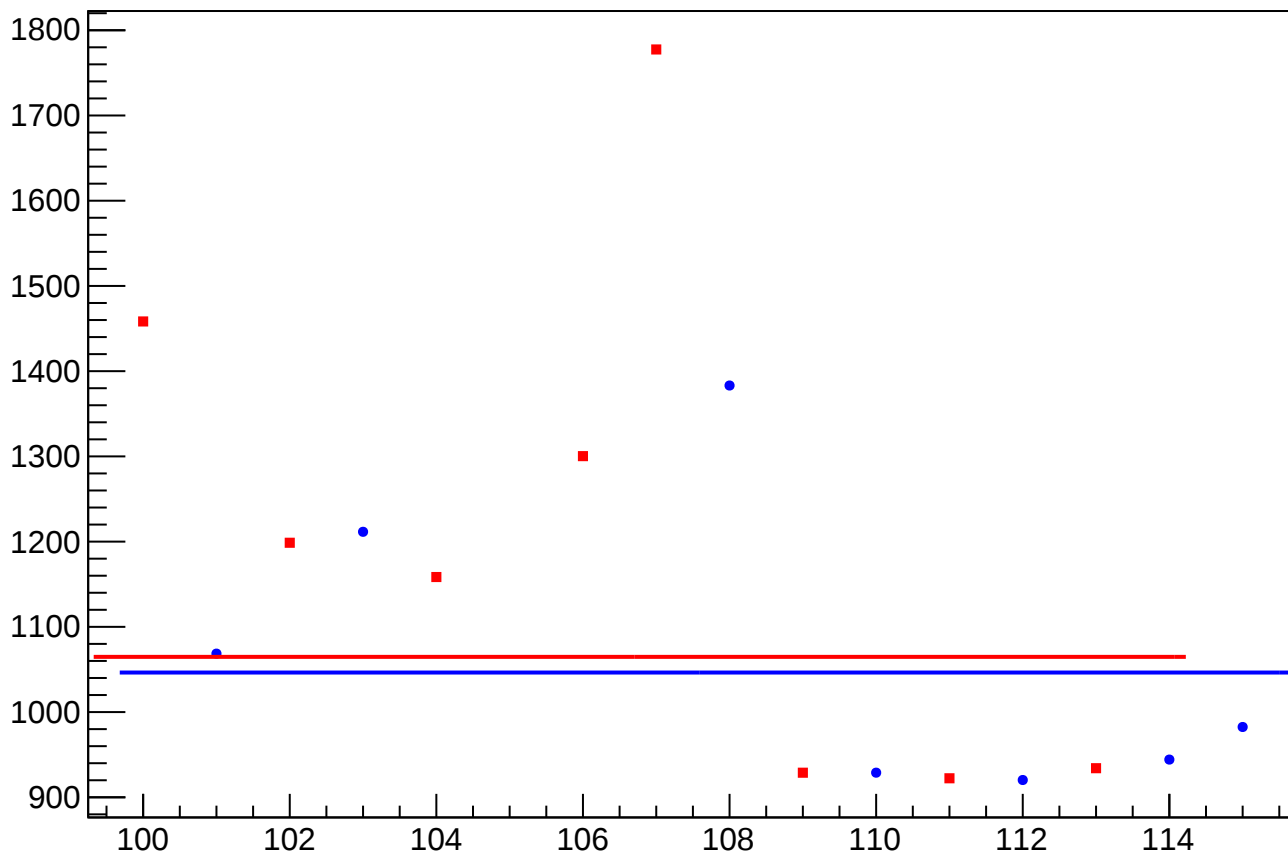
Right: -500.582+/-445.664 χ^2 /NDF: 14.7/14

In: -332.400+/-653.041 χ^2 /NDF:7.9/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -500.582+/-445.664 χ^2 /NDF: 14.7/14

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1046.398+/-0.462 χ^2/NDF : 99584.9/6

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

Right Out: 1064.788+/-0.431 χ^2/NDF : 224710.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

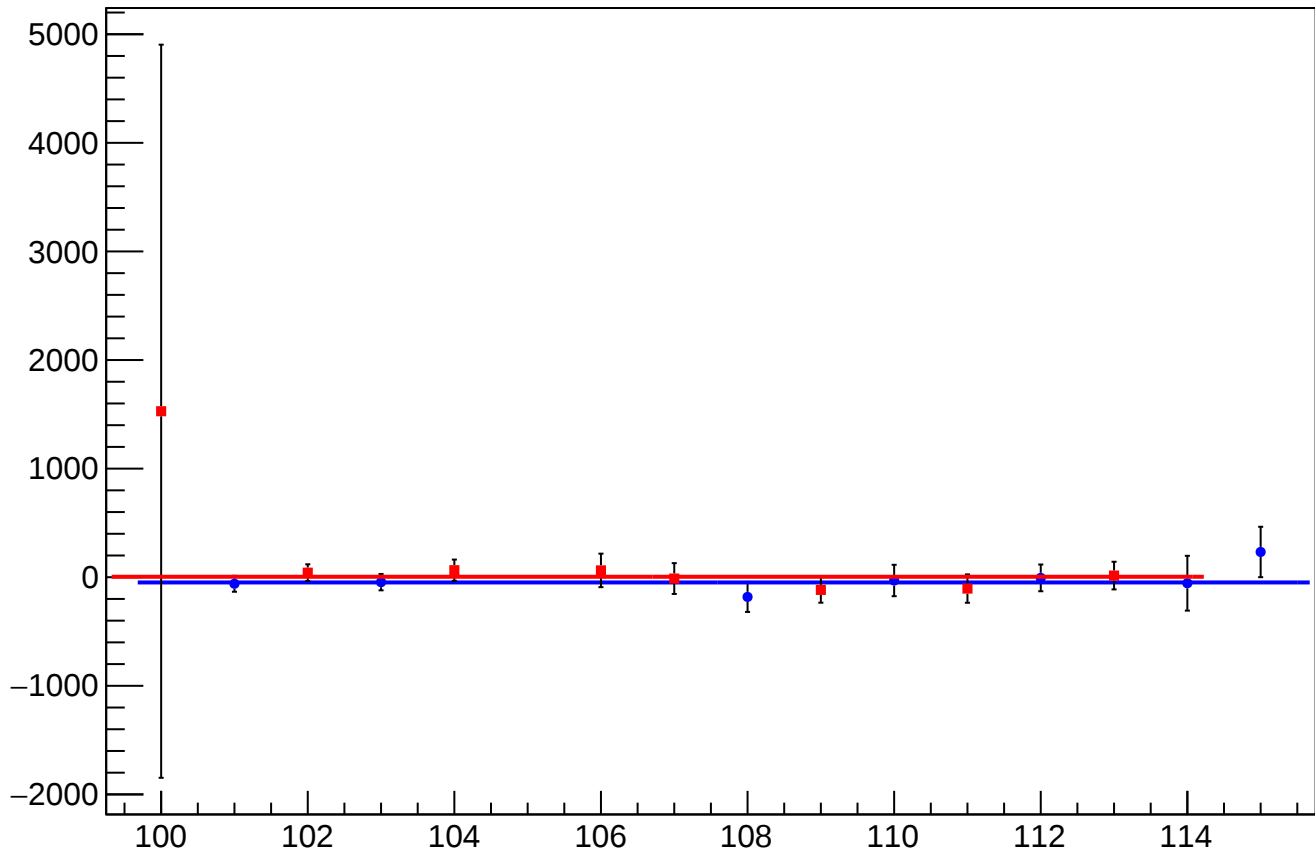
Right: 1056.224+/-0.315 χ^2/NDF : 325142.8/14

In: 1046.398+/-0.462 χ^2/NDF : 99584.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1056.224+/-0.315 χ^2/NDF : 325142.8/14

reg_asym_ds_avg_mean vs Slug, Sign Corrected



Right In: -48.186+/-42.188 χ^2/NDF : 2.6/6

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

Right Out: 4.324+/-42.366 χ^2/NDF : 2.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

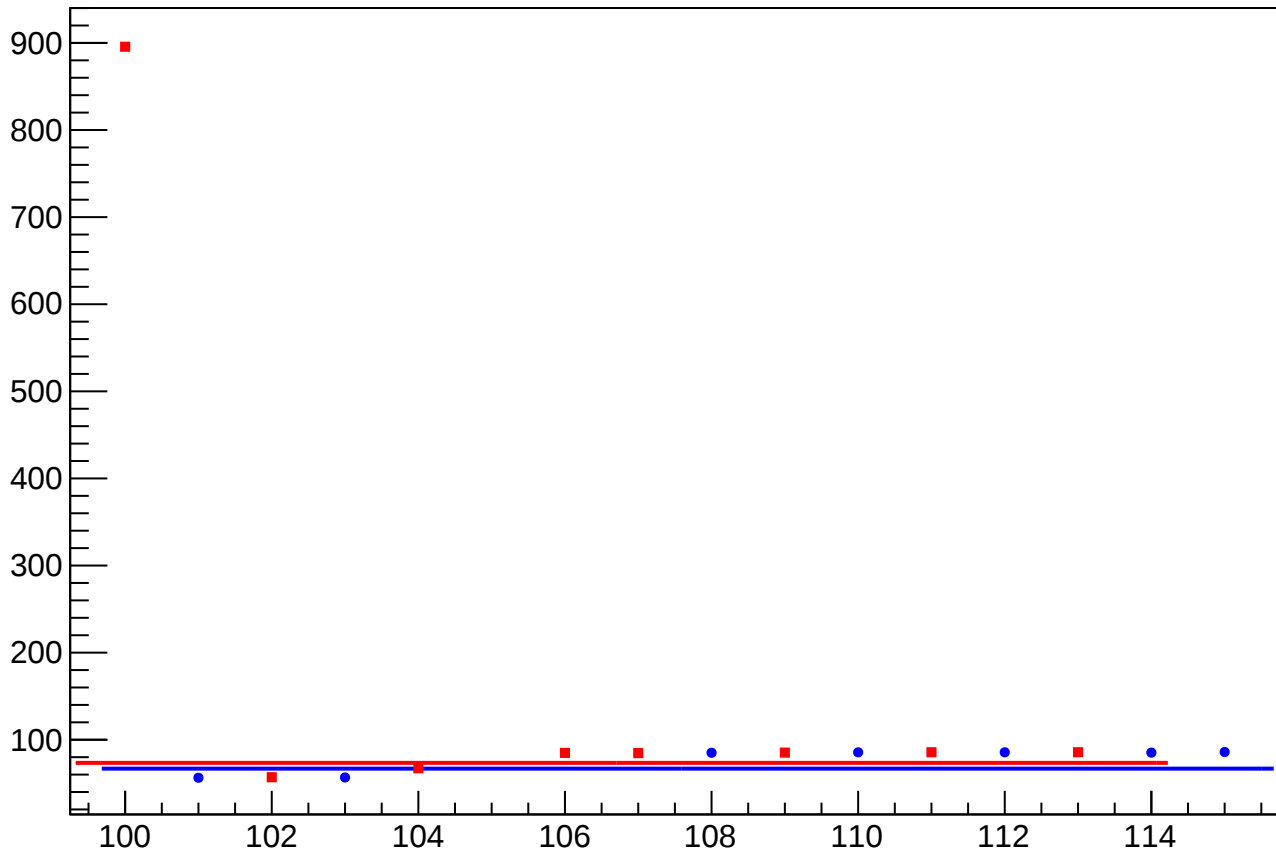
Right: -22.041+/-29.894 χ^2/NDF : 6.1/14

In: -48.186+/-42.188 χ^2/NDF : 2.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.041+/-29.894 χ^2/NDF : 6.1/14

reg_asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 66.852+/-0.030 χ^2/NDF : 215634.4/6

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

Right Out: 73.467+/-0.030 χ^2/NDF : 297469.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

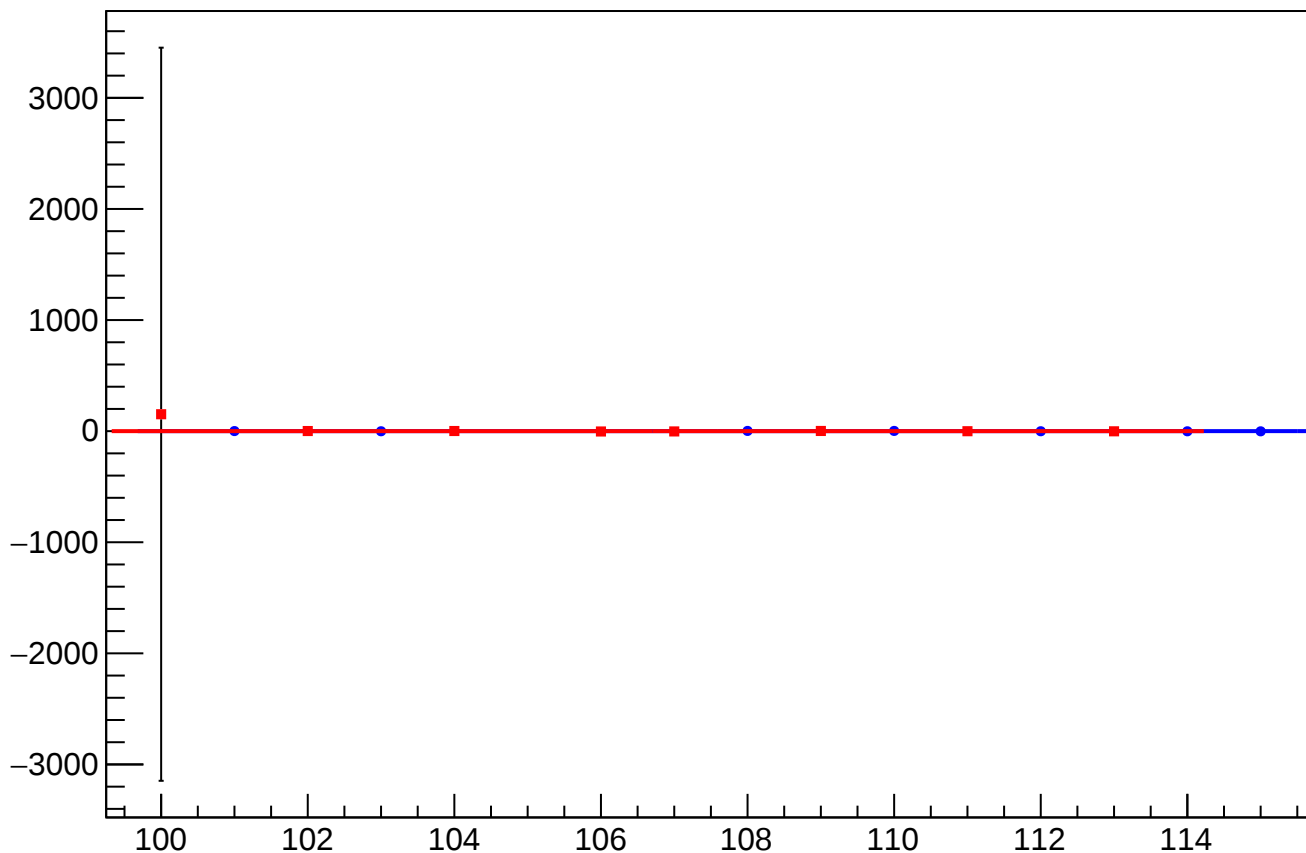
Right: 70.146+/-0.021 χ^2/NDF : 537583.3/14

In: 66.852+/-0.030 χ^2/NDF : 215634.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.146+/-0.021 χ^2/NDF : 537583.3/14

asym_ds_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.696 χ^2 /NDF: 3.0/6

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

Right Out: 0.066 $\pm$ 0.730 χ^2 /NDF: 4.7/7

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

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

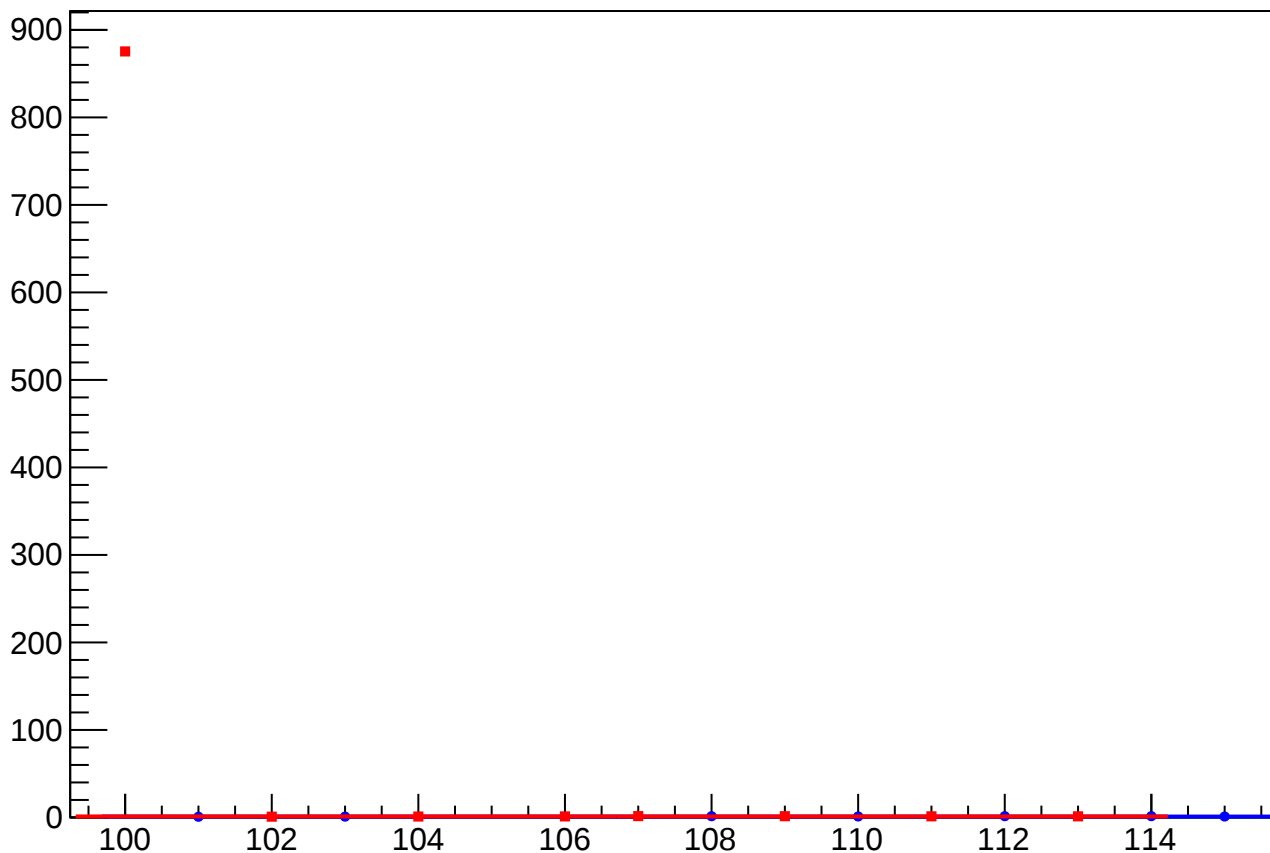
Right: 0.139 $\pm$ 0.504 χ^2 /NDF: 7.7/14

In: 0.205 $\pm$ 0.696 χ^2 /NDF: 3.0/6

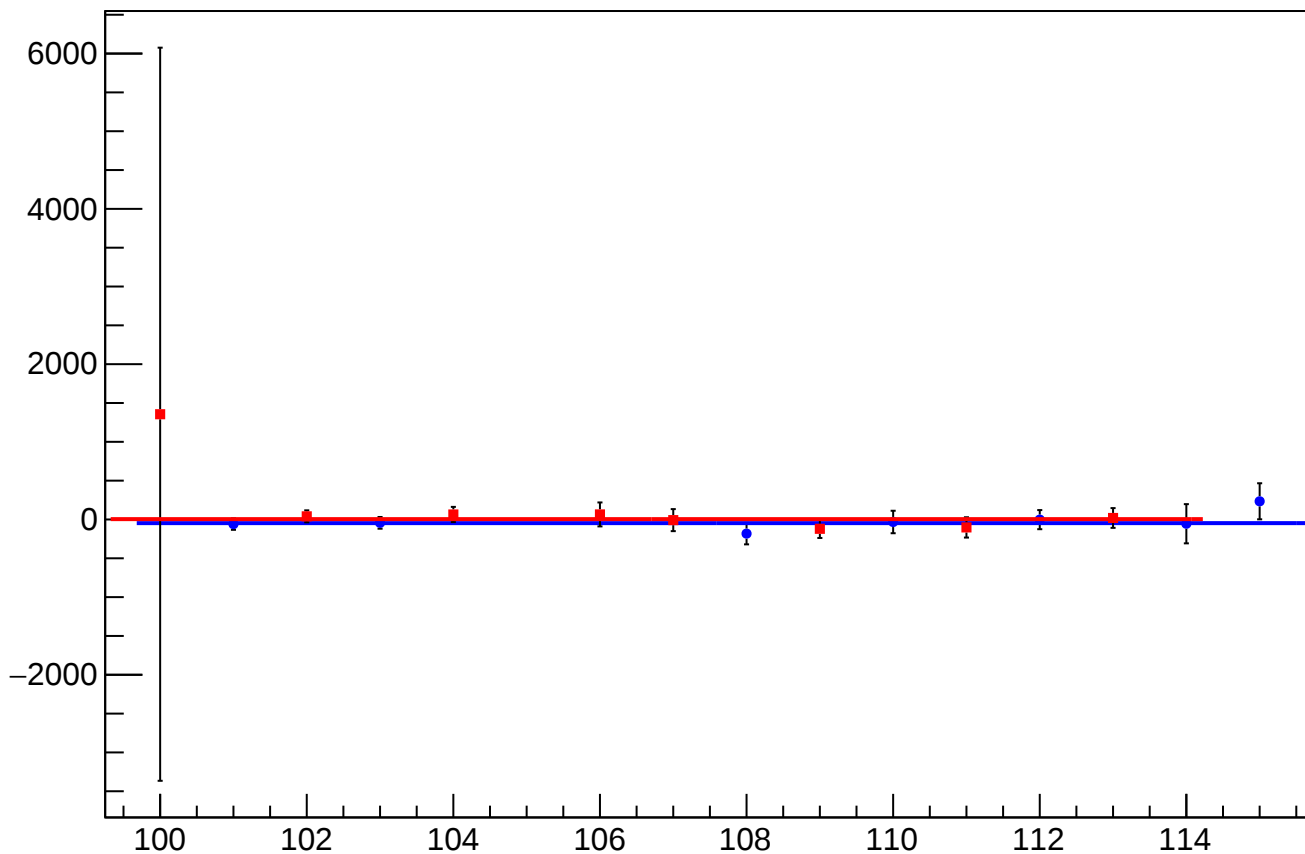
Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.139 $\pm$ 0.504 χ^2 /NDF: 7.7/14

asym_ds_avg_correction_rms vs Slug, Sign Corrected



asym_ds_avg_mean vs Slug, Sign Corrected



Right In: -47.095+/-42.199 χ^2/NDF : 2.6/6

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

Right Out: 4.466+/-42.379 χ^2/NDF : 2.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

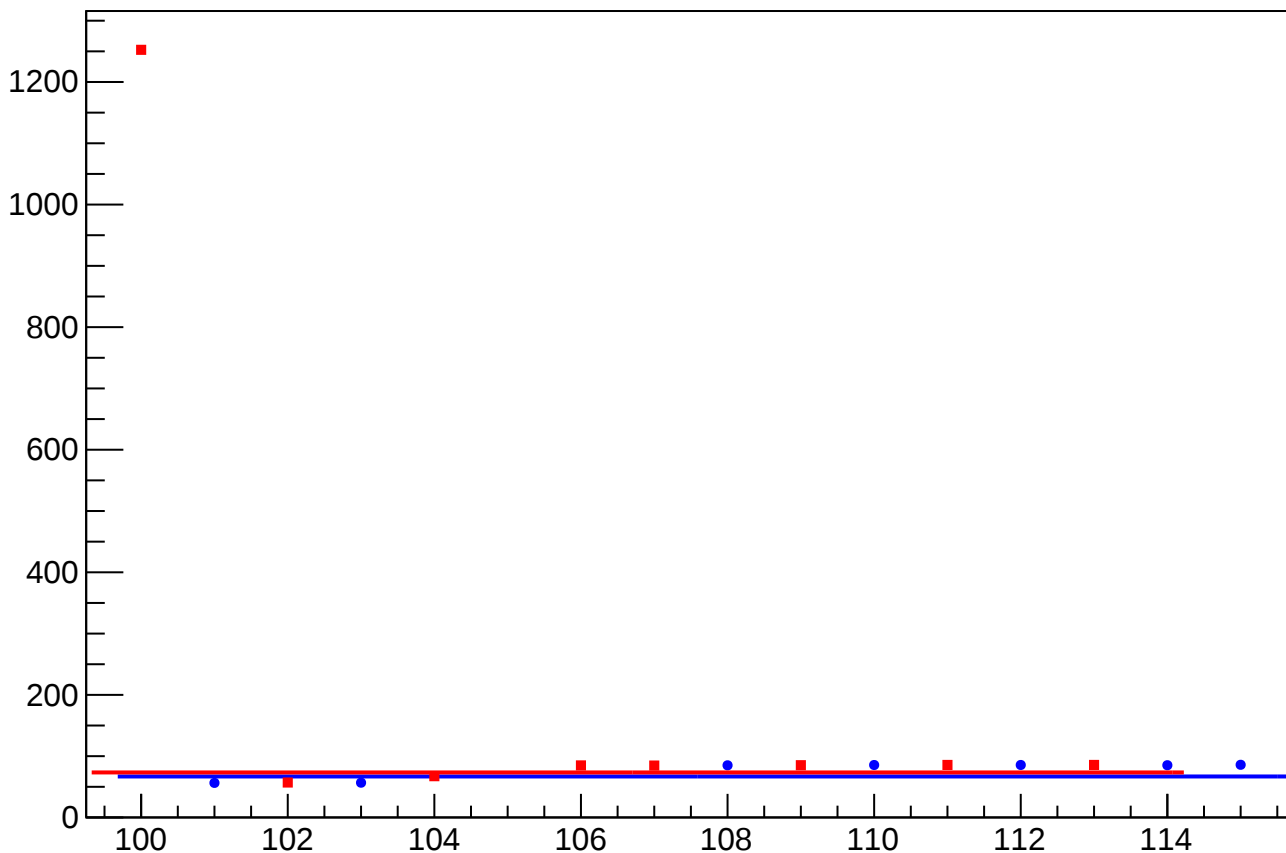
Right: -21.424+/-29.903 χ^2/NDF : 6.0/14

In: -47.095+/-42.199 χ^2/NDF : 2.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.424+/-29.903 χ^2/NDF : 6.0/14

asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 66.869+/-0.030 χ^2/NDF : 215639.5/6

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

Right Out: 73.453+/-0.030 χ^2/NDF : 303568.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

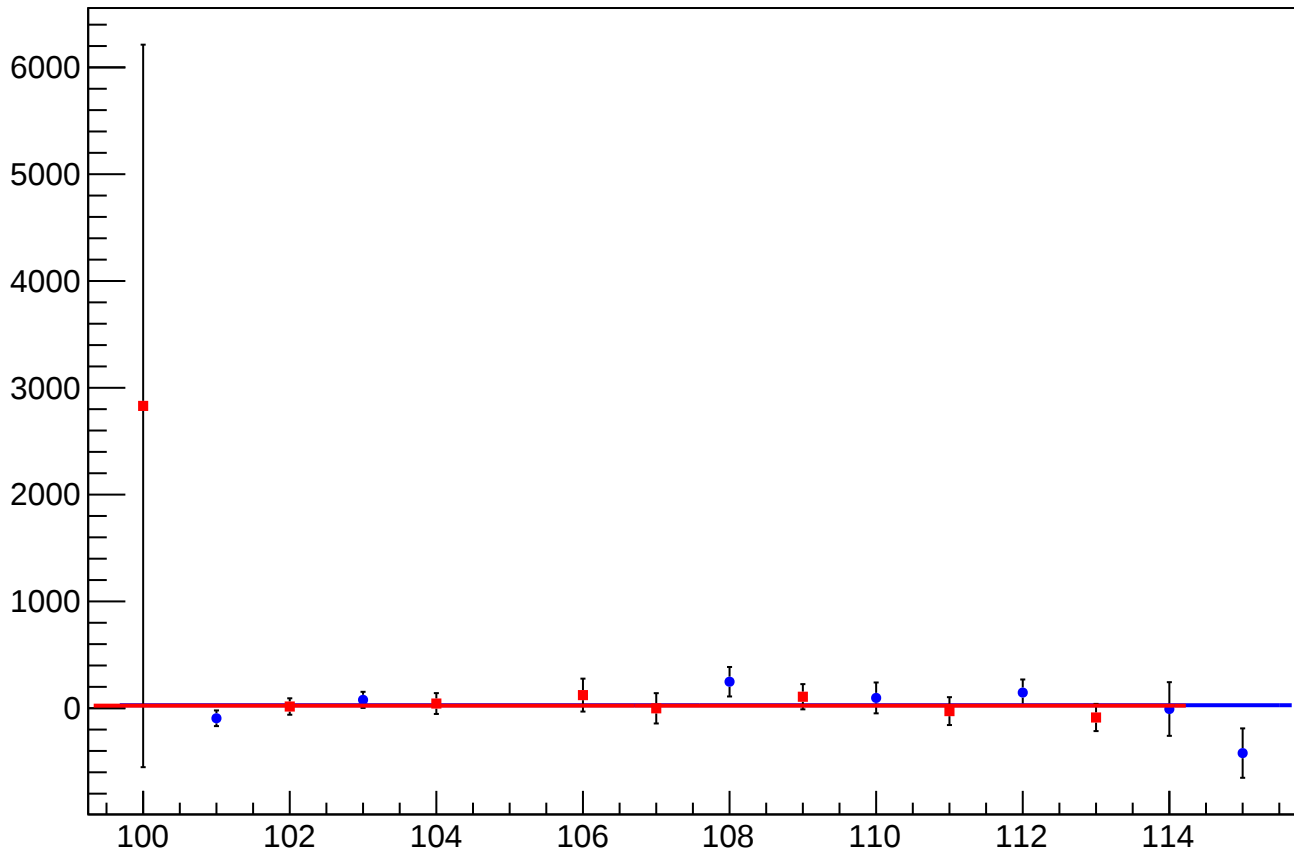
Right: 70.147+/-0.021 χ^2/NDF : 543443.2/14

In: 66.869+/-0.030 χ^2/NDF : 215639.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.147+/-0.021 χ^2/NDF : 543443.2/14

reg_asym_ds_dd_mean vs Slug, Sign Corrected



Right In: 28.022+/-42.138 χ^2/NDF : 10.7/6

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

Right Out: 24.026+/-42.350 χ^2/NDF : 2.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

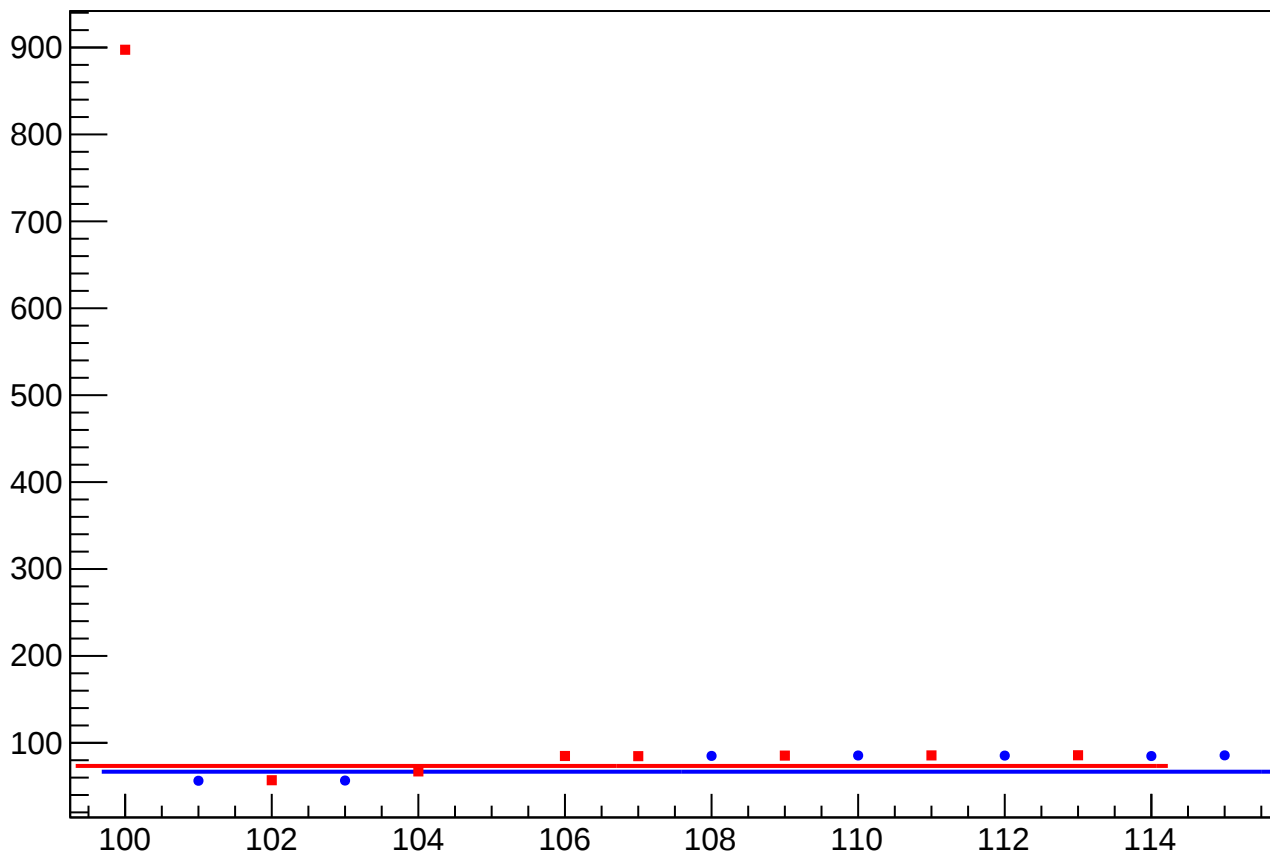
Right: 26.034+/-29.871 χ^2/NDF : 13.3/14

In: 28.022+/-42.138 χ^2/NDF : 10.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.034+/-29.871 χ^2/NDF : 13.3/14

reg_asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 66.785+/-0.030 χ^2/NDF : 213863.6/6

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

Right Out: 73.437+/-0.030 χ^2/NDF : 297829.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

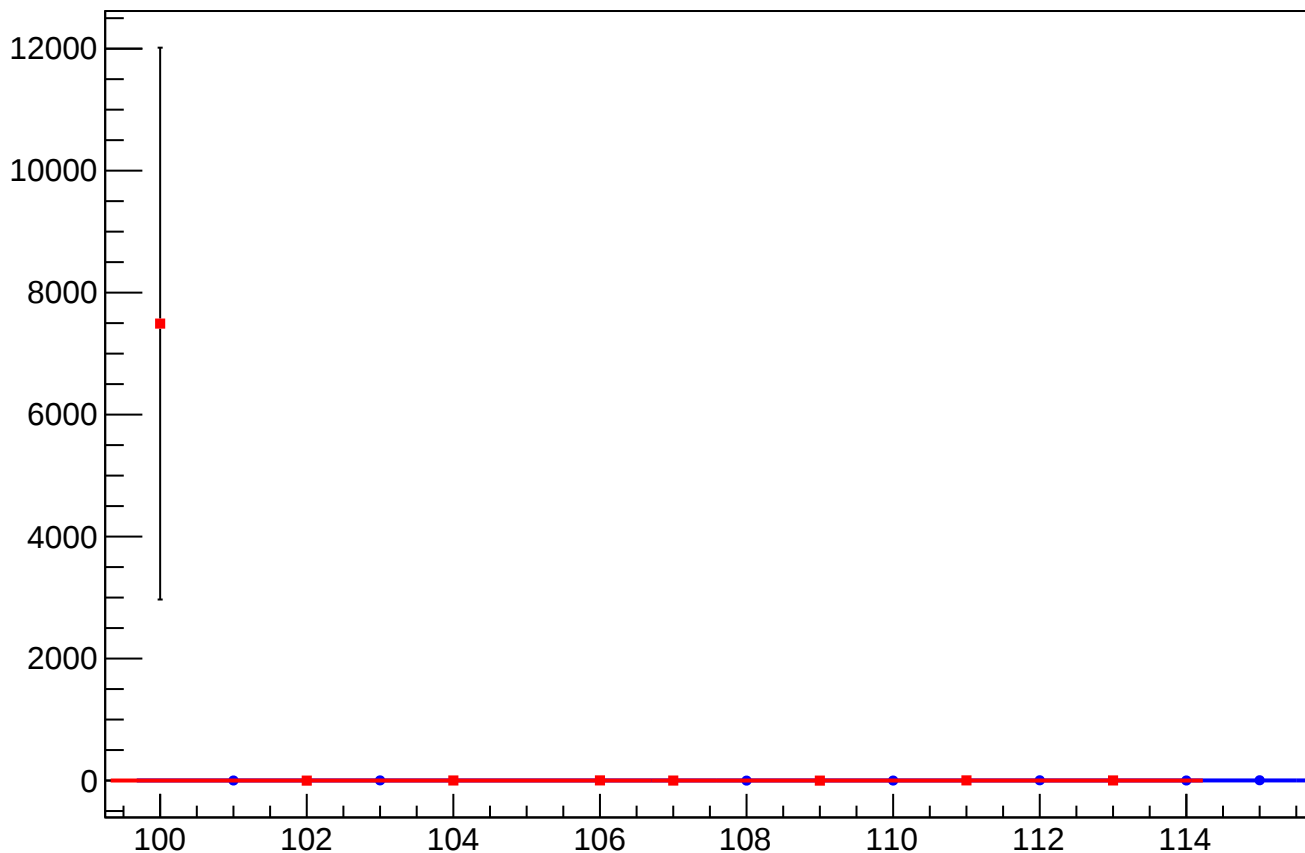
Right: 70.094+/-0.021 χ^2/NDF : 536492.8/14

In: 66.785+/-0.030 χ^2/NDF : 213863.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.094+/-0.021 χ^2/NDF : 536492.8/14

asym_ds_dd_correction_mean vs Slug, Sign Corrected



Right In: 1.567 $\pm$ 0.725 χ^2 /NDF: 4.5/6

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

Right Out: 0.246 $\pm$ 0.788 χ^2 /NDF: 6.4/7

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

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

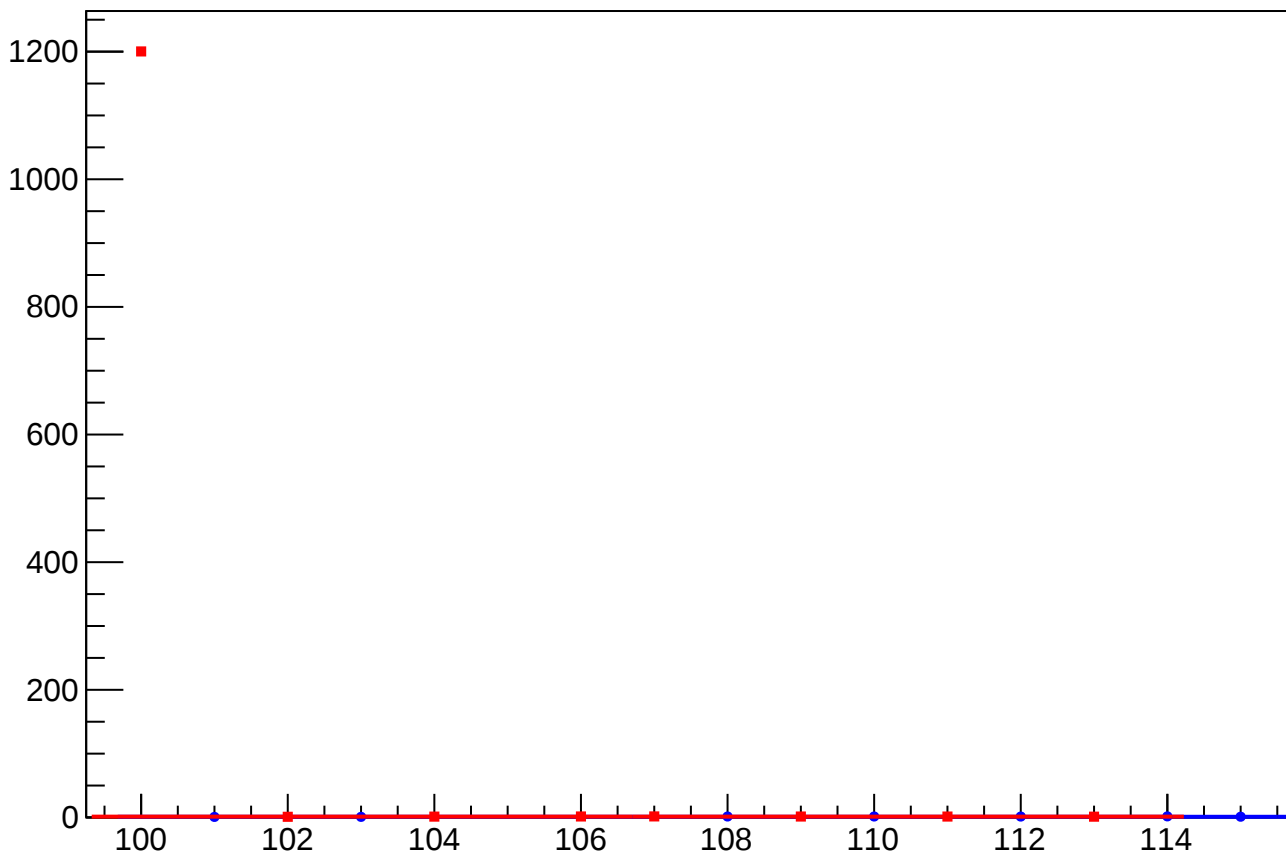
Right: 0.961 $\pm$ 0.533 χ^2 /NDF: 12.4/14

In: 1.567 $\pm$ 0.725 χ^2 /NDF: 4.5/6

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

All: 0.961 $\pm$ 0.533 χ^2 /NDF: 12.4/14

asym_ds_dd_correction_rms vs Slug, Sign Corrected



Right In: 1.051+/-0.001 χ^2/NDF : 278825.2/6

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

Right Out: 1.288+/-0.001 χ^2/NDF : 260246.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

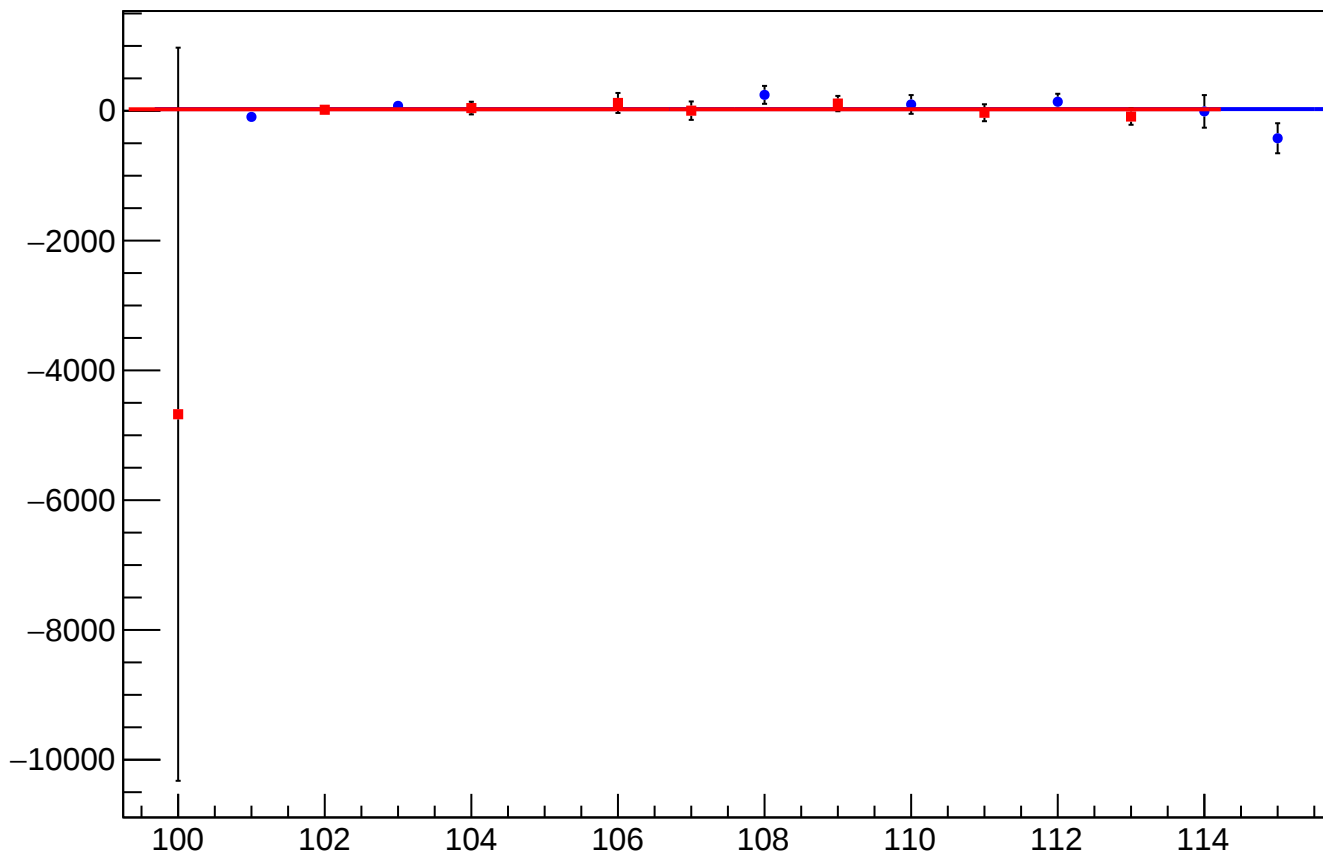
Right: 1.160+/-0.000 χ^2/NDF : 637202.8/14

In: 1.051+/-0.001 χ^2/NDF : 278825.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.160+/-0.000 χ^2/NDF : 637202.8/14

asym_ds_dd_mean vs Slug, Sign Corrected



Right In: 26.639+/-42.149 χ^2/NDF : 10.5/6

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

Right Out: 23.604+/-42.364 χ^2/NDF : 2.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

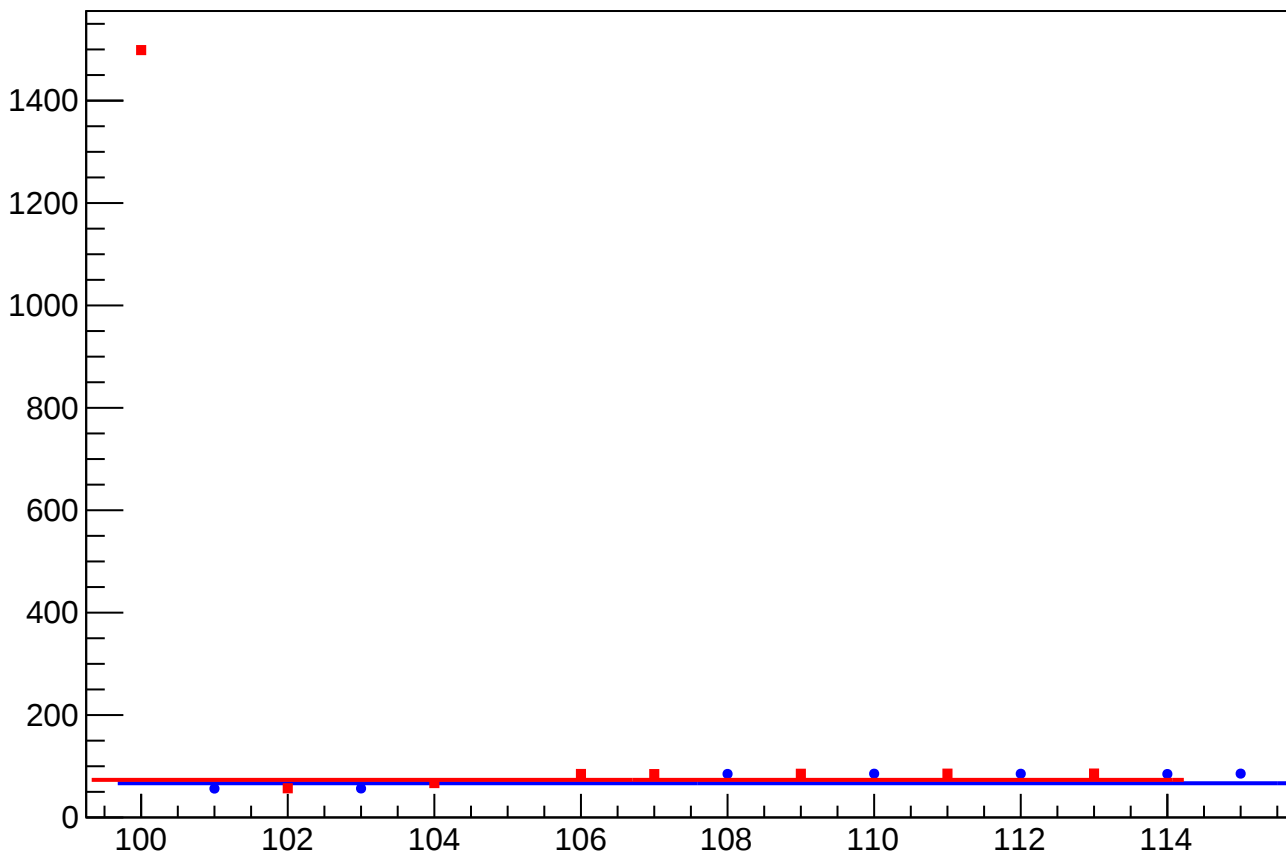
Right: 25.129+/-29.879 χ^2/NDF : 13.2/14

In: 26.639+/-42.149 χ^2/NDF : 10.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.129+/-29.879 χ^2/NDF : 13.2/14

asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 66.802 $\pm$ 0.030 χ^2 /NDF: 213872.9/6

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

Right Out: 73.408 $\pm$ 0.030 χ^2 /NDF: 306445.3/7

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

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

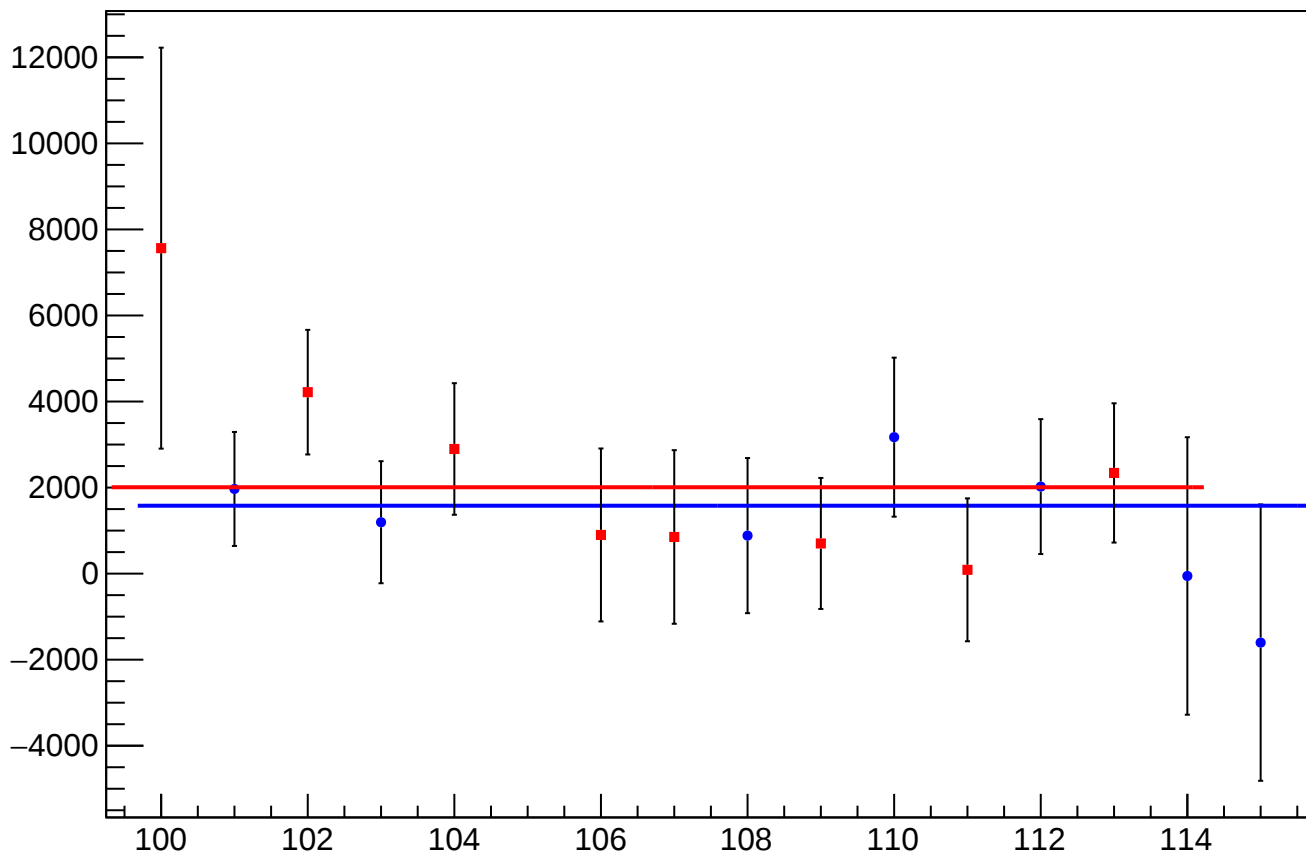
Right: 70.088 $\pm$ 0.021 χ^2 /NDF: 544759.3/14

In: 66.802 $\pm$ 0.030 χ^2 /NDF: 213872.9/6

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

All: 70.088 $\pm$ 0.021 χ^2 /NDF: 544759.3/14

reg_asym_usl_mean vs Slug, Sign Corrected



Right In: 1578.300+/-664.115 χ^2/NDF : 2.4/6

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

Right Out: 2007.523+/-617.859 χ^2/NDF : 6.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

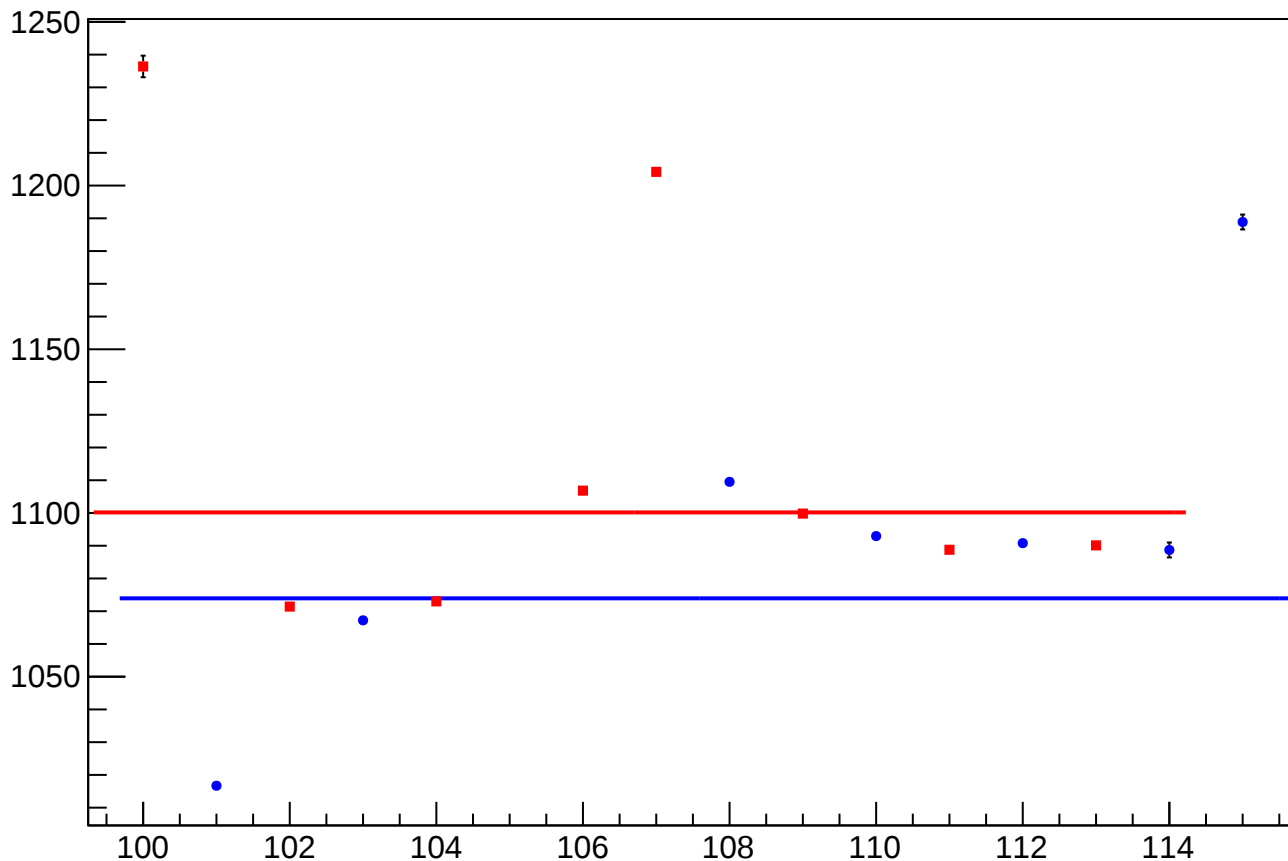
Right: 1808.378+/-452.362 χ^2/NDF : 9.4/14

In: 1578.300+/-664.115 χ^2/NDF : 2.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1808.378+/-452.362 χ^2/NDF : 9.4/14

reg_asym_usl_rms vs Slug, Sign Corrected



Right In: 1073.929+/-0.470 χ^2/NDF : 7602.7/6

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

Right Out: 1100.177+/-0.437 χ^2/NDF : 8639.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

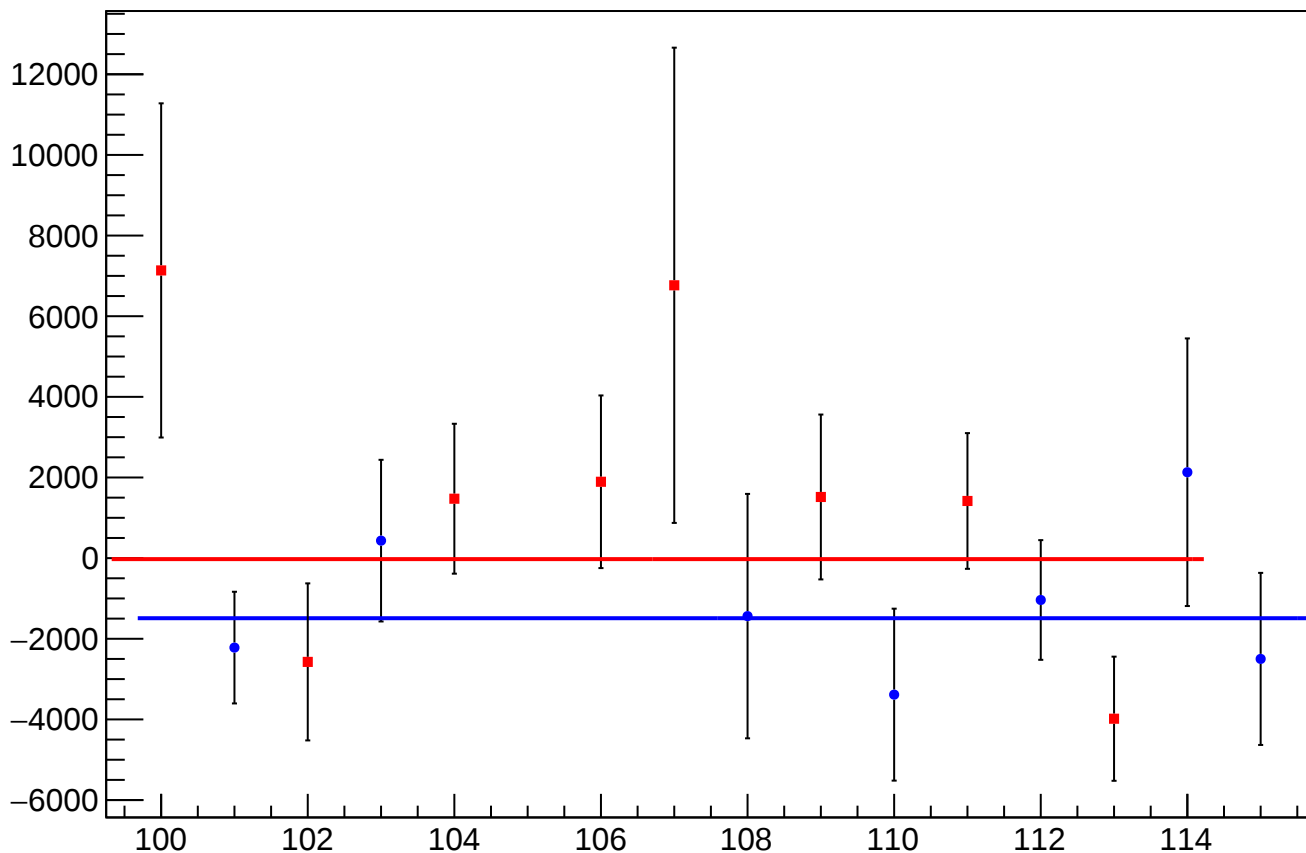
Right: 1087.999+/-0.320 χ^2/NDF : 17917.0/14

In: 1073.929+/-0.470 χ^2/NDF : 7602.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1087.999+/-0.320 χ^2/NDF : 17917.0/14

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -1490.071+/-732.561 χ^2/NDF : 3.5/6

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

Right Out: -24.447+/-730.774 χ^2/NDF : 15.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

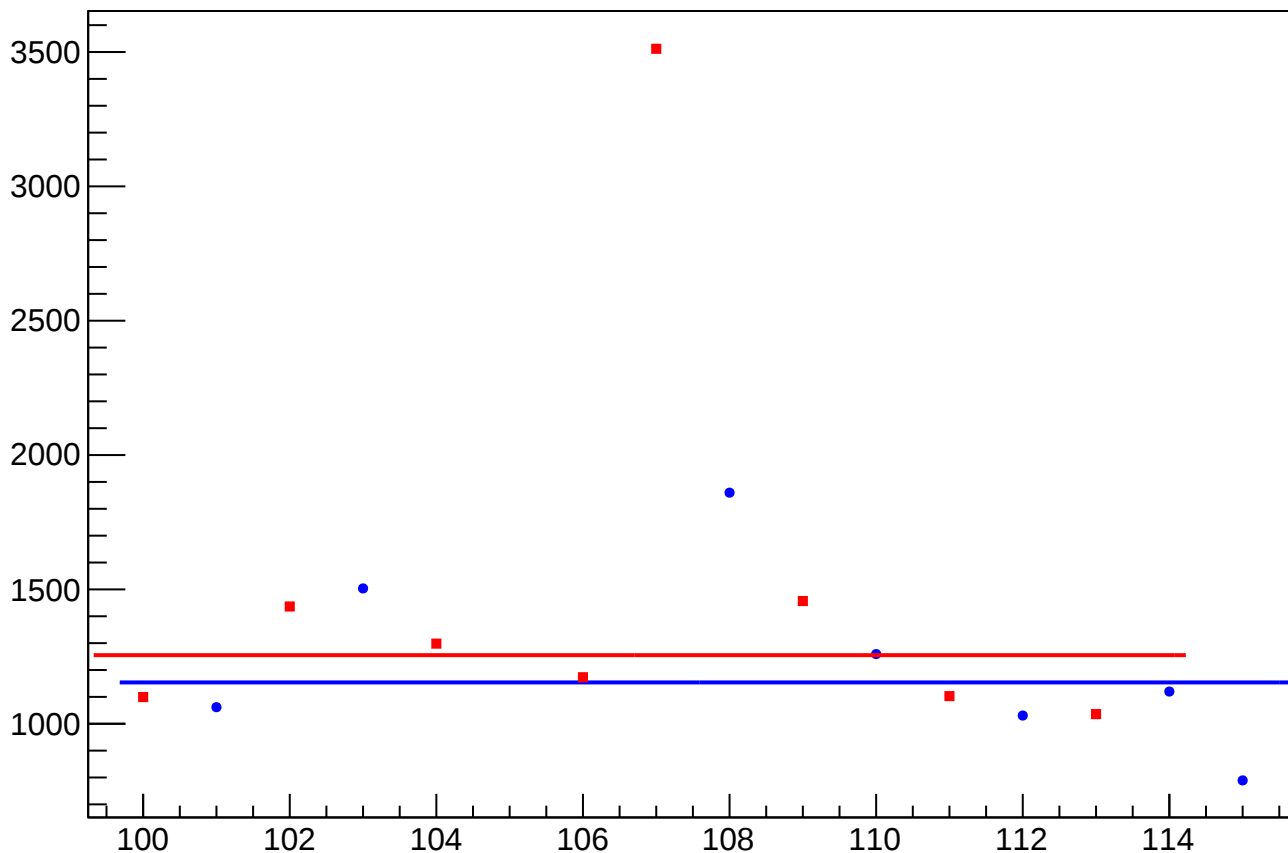
Right: -755.469+/-517.366 χ^2/NDF : 20.9/14

In: -1490.071+/-732.561 χ^2/NDF : 3.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -755.469+/-517.366 χ^2/NDF : 20.9/14

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 1153.800+/-0.518 χ^2/NDF : 255657.4/6

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

Right Out: 1255.284+/-0.517 χ^2/NDF : 393833.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

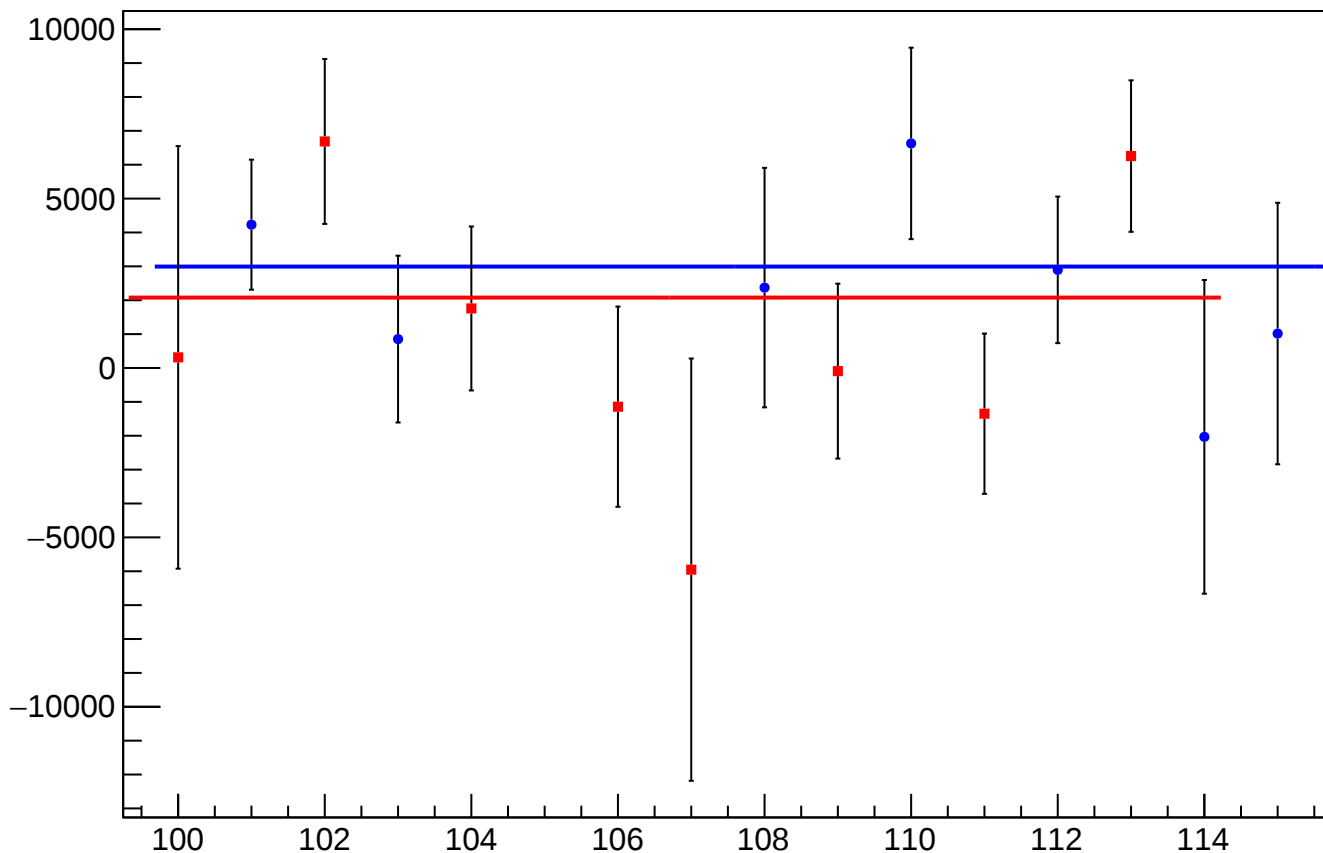
Right: 1204.666+/-0.366 χ^2/NDF : 668729.5/14

In: 1153.800+/-0.518 χ^2/NDF : 255657.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1204.666+/-0.366 χ^2/NDF : 668729.5/14

asym_usl_mean vs Slug, Sign Corrected



Right In: 2993.714+/-1015.693 χ^2/NDF : 4.3/6

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

Right Out: 2077.761+/-983.198 χ^2/NDF : 12.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

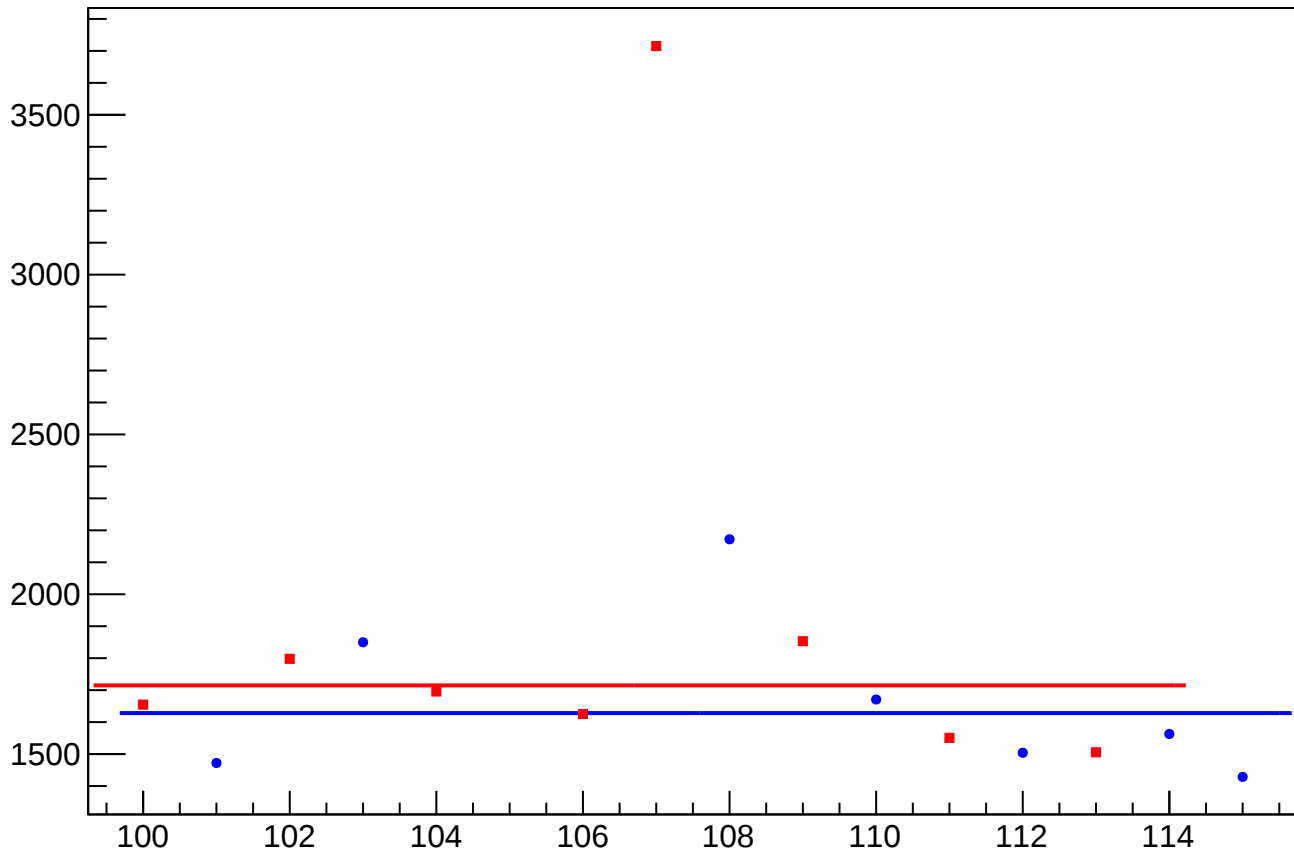
Right: 2520.851+/-706.435 χ^2/NDF : 17.5/14

In: 2993.714+/-1015.693 χ^2/NDF : 4.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2520.851+/-706.435 χ^2/NDF : 17.5/14

asym_usl_rms vs Slug, Sign Corrected



Right In: 1628.271+/-0.718 χ^2/NDF : 89561.1/6

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

Right Out: 1714.868+/-0.695 χ^2/NDF : 243429.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

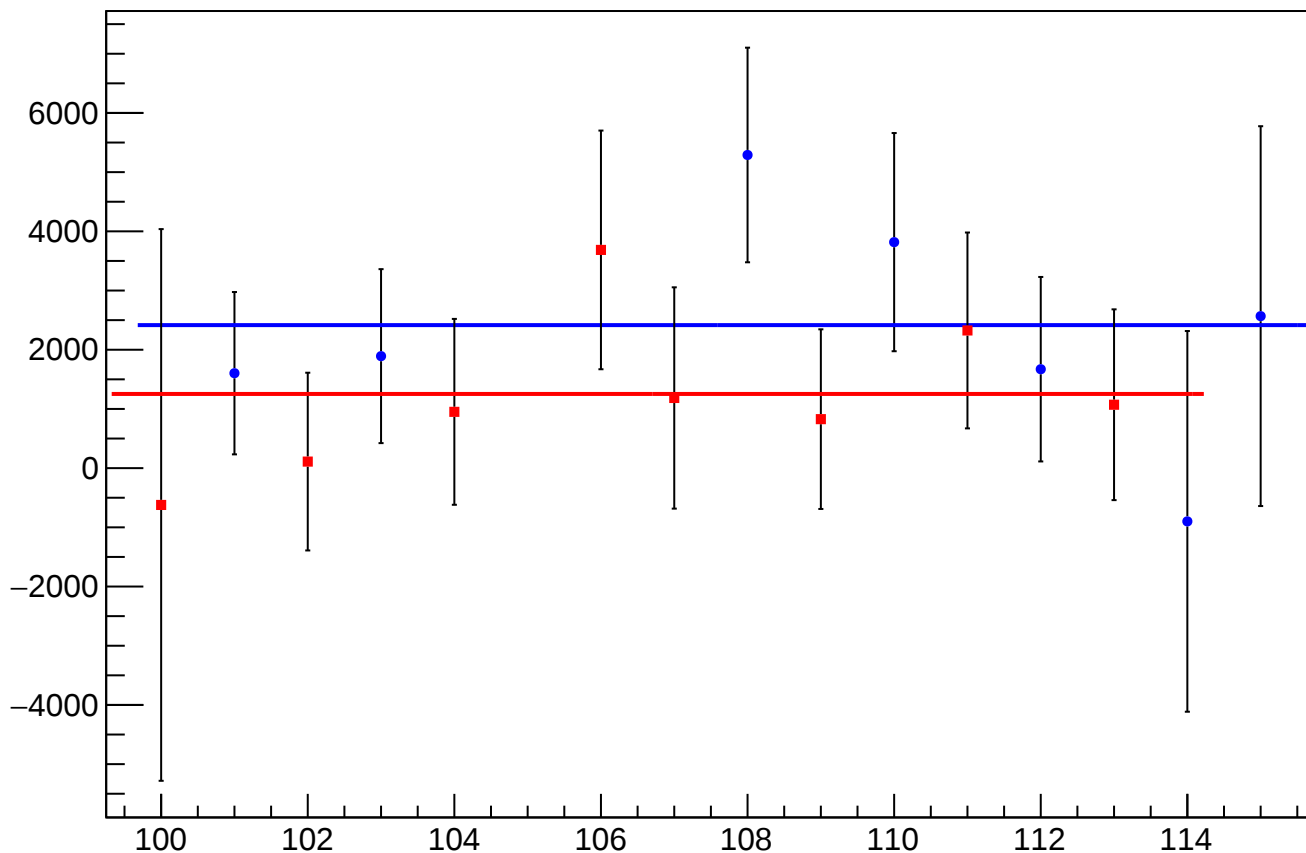
Right: 1672.977+/-0.500 χ^2/NDF : 340496.1/14

In: 1628.271+/-0.718 χ^2/NDF : 89561.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1672.977+/-0.500 χ^2/NDF : 340496.1/14

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 2415.980+/-674.252 χ^2/NDF : 4.9/6

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

Right Out: 1253.219+/-618.642 χ^2/NDF : 2.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

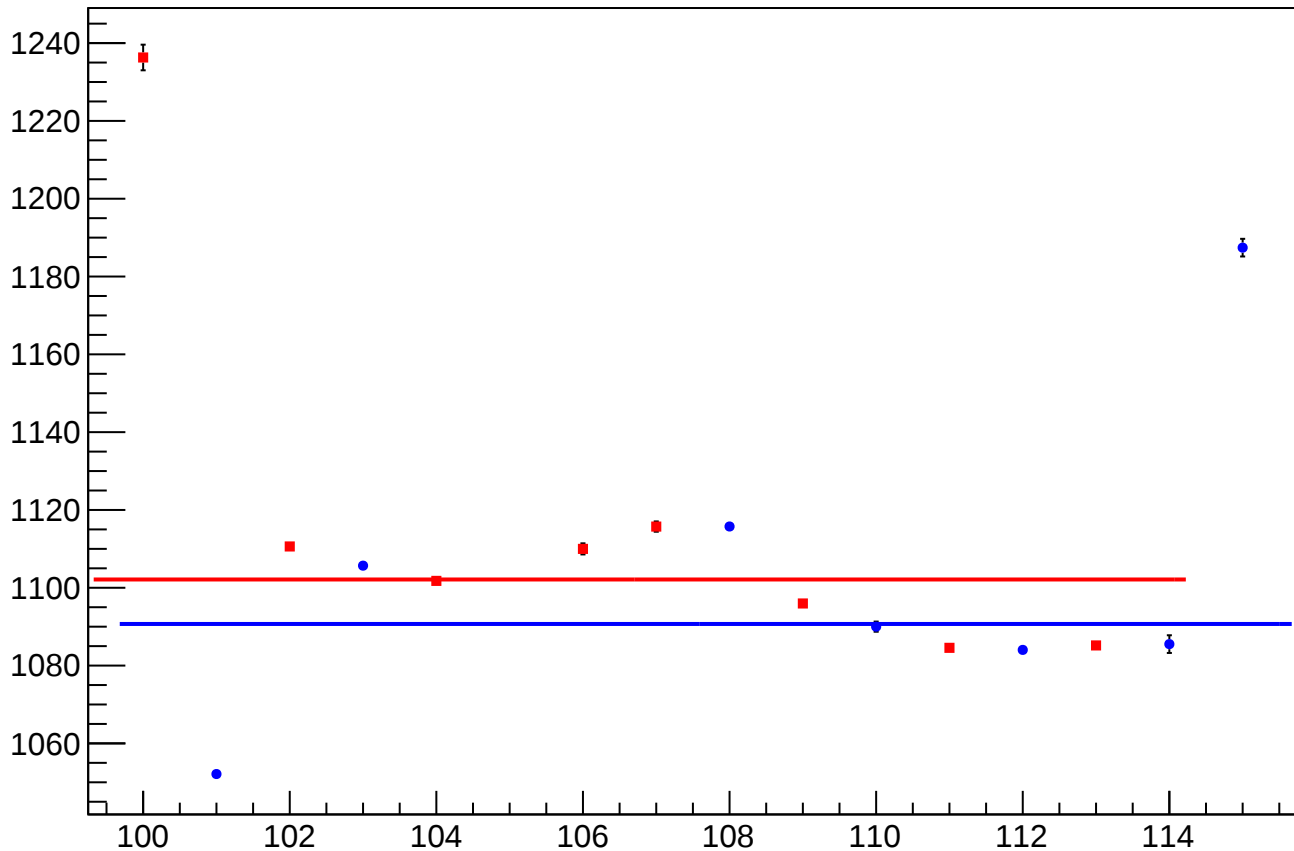
Right: 1784.679+/-455.840 χ^2/NDF : 9.2/14

In: 2415.980+/-674.252 χ^2/NDF : 4.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1784.679+/-455.840 χ^2/NDF : 9.2/14

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1090.697+/-0.477 χ^2/NDF : 4033.1/6

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

Right Out: 1102.130+/-0.437 χ^2/NDF : 2338.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

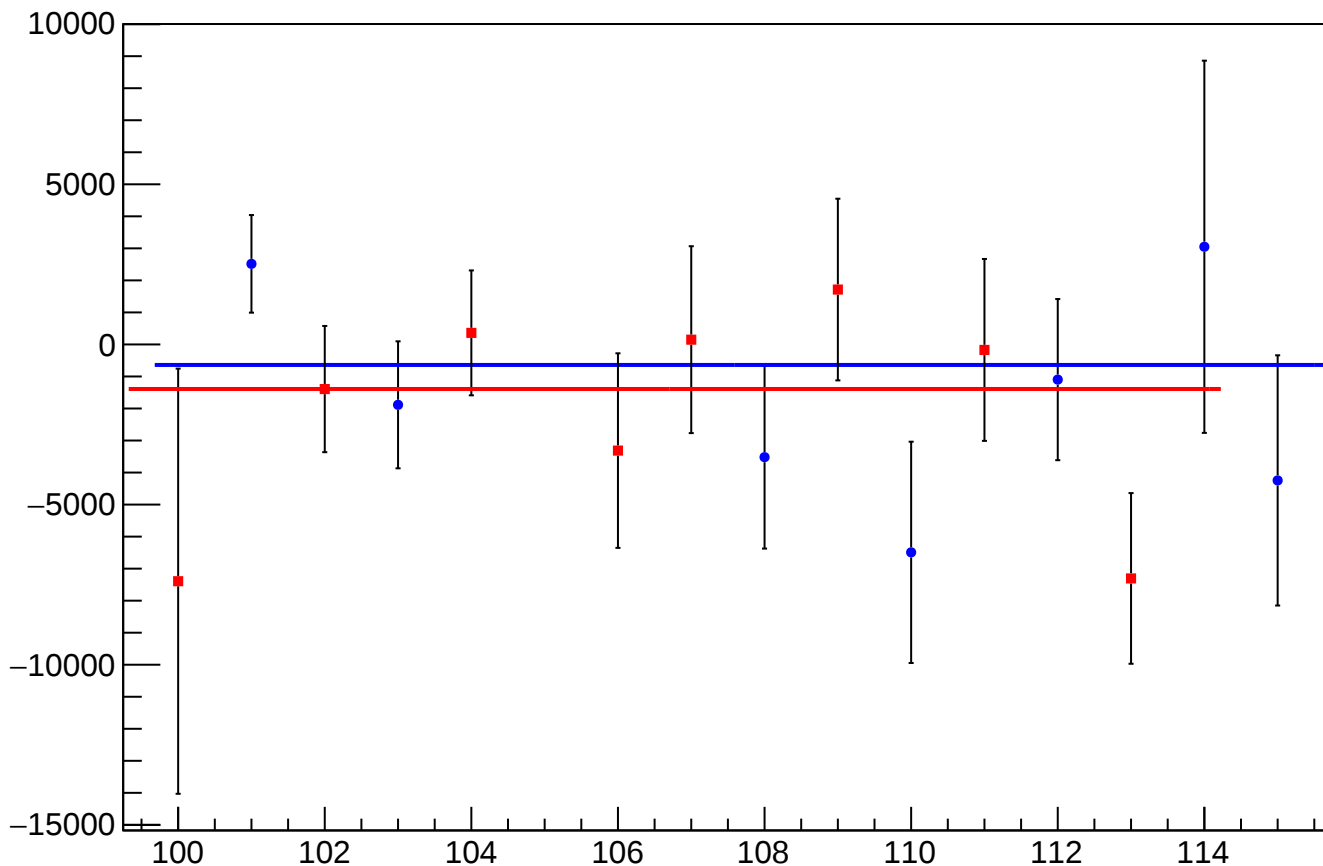
Right: 1096.904+/-0.322 χ^2/NDF : 6683.8/14

In: 1090.697+/-0.477 χ^2/NDF : 4033.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1096.904+/-0.322 χ^2/NDF : 6683.8/14

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -640.167+/-934.572 χ^2/NDF : 9.9/6

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

Right Out: -1390.378+/-929.141 χ^2/NDF : 8.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

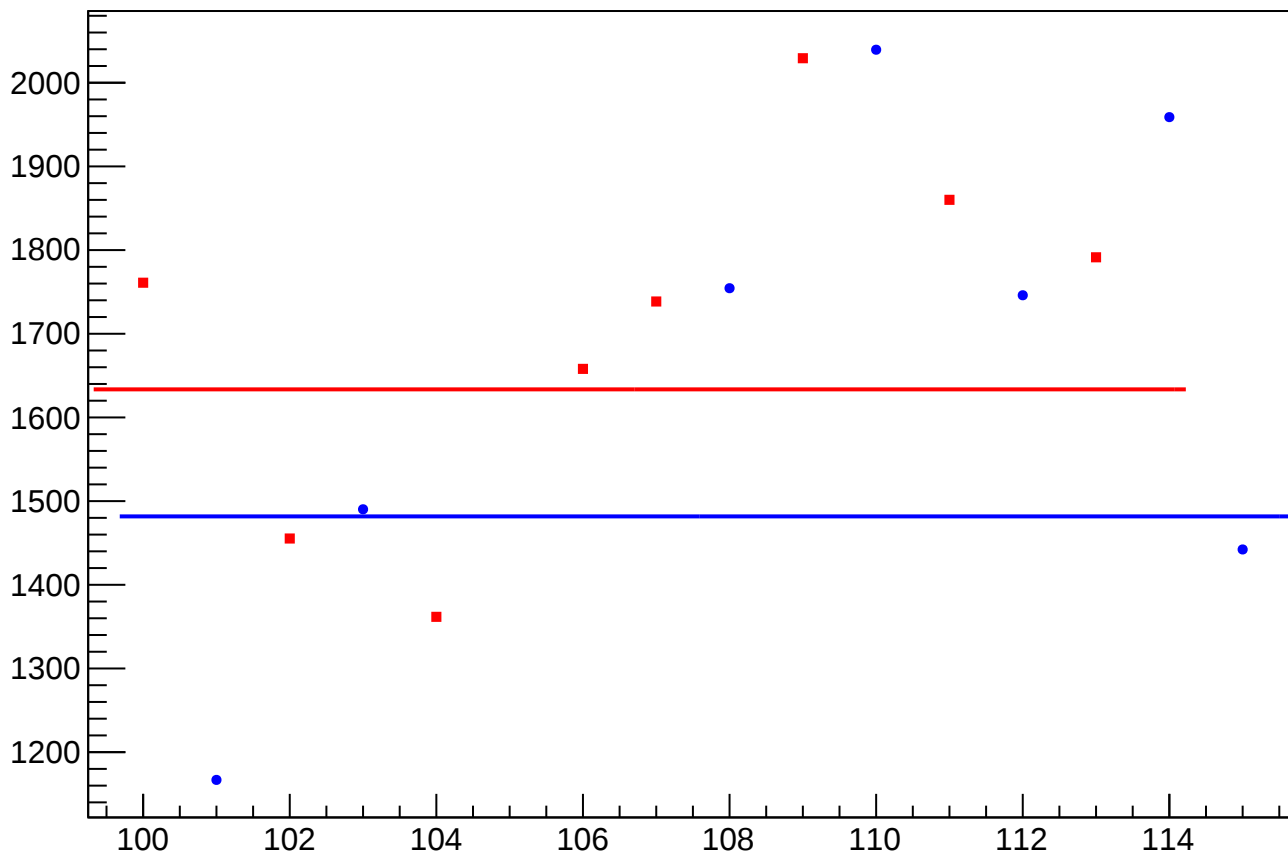
Right: -1017.458+/-658.913 χ^2/NDF : 18.8/14

In: -640.167+/-934.572 χ^2/NDF : 9.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1017.458+/-658.913 χ^2/NDF : 18.8/14

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1481.749+/-0.661 χ^2/NDF : 191621.3/6

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

Right Out: 1633.553+/-0.657 χ^2/NDF : 117379.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

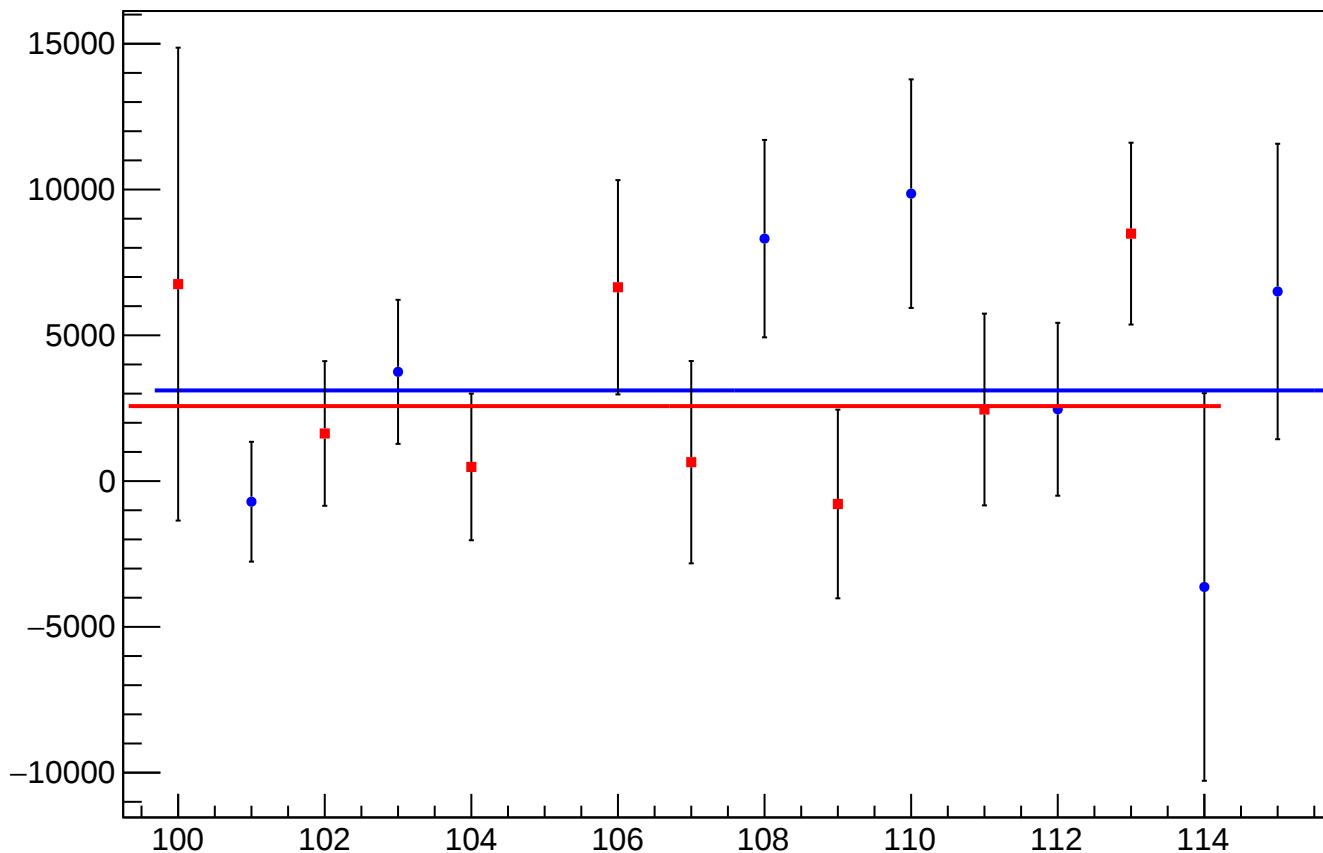
Right: 1558.094+/-0.466 χ^2/NDF : 335538.9/14

In: 1481.749+/-0.661 χ^2/NDF : 191621.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1558.094+/-0.466 χ^2/NDF : 335538.9/14

asym_usr_mean vs Slug, Sign Corrected



Right In: 3109.607+/-1171.680 χ^2/NDF : 10.4/6

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

Right Out: 2571.825+/-1129.608 χ^2/NDF : 7.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

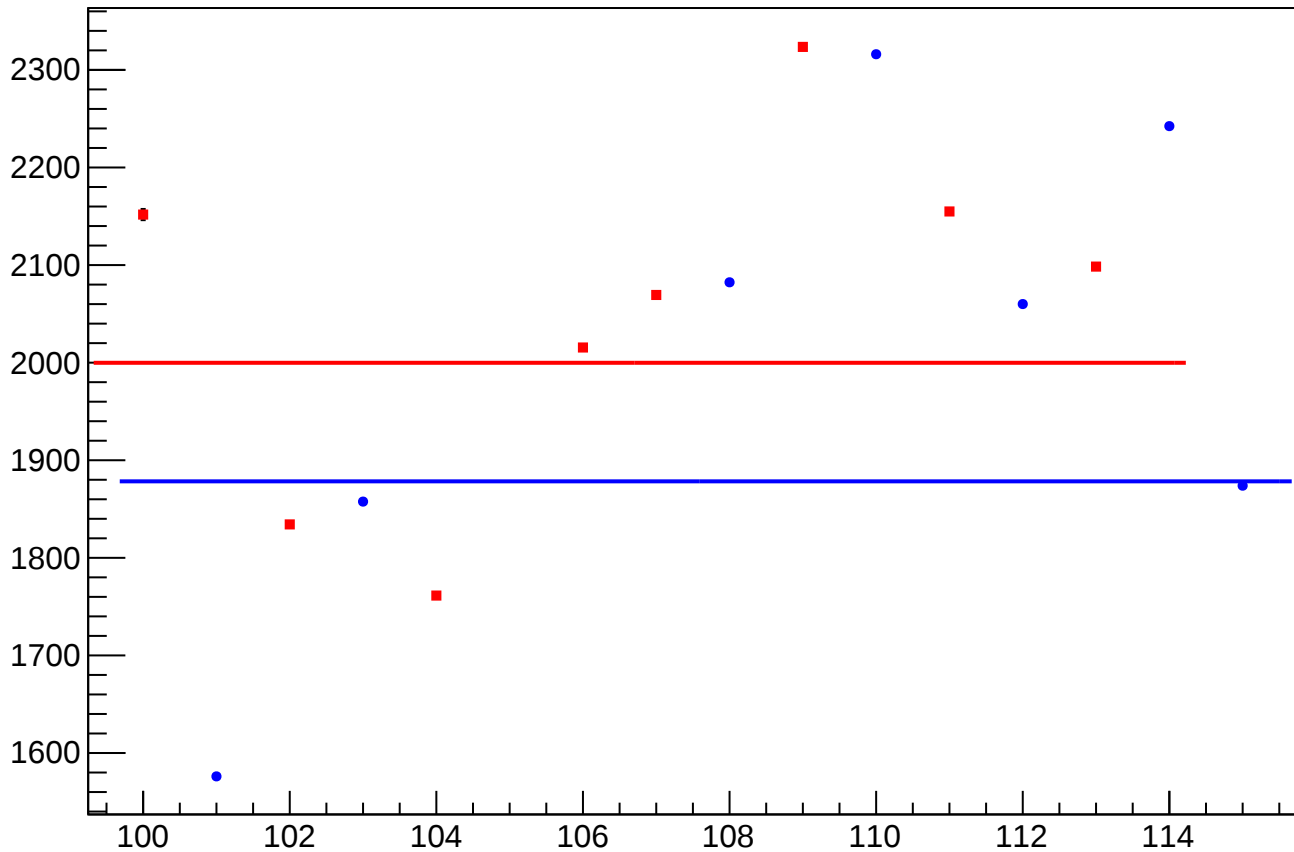
Right: 2830.887+/-813.220 χ^2/NDF : 17.8/14

In: 3109.607+/-1171.680 χ^2/NDF : 10.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2830.887+/-813.220 χ^2/NDF : 17.8/14

asym_usr_rms vs Slug, Sign Corrected



Right In: 1878.382+/-0.829 χ^2/NDF : 89136.9/6

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

Right Out: 1999.869+/-0.799 χ^2/NDF : 54908.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

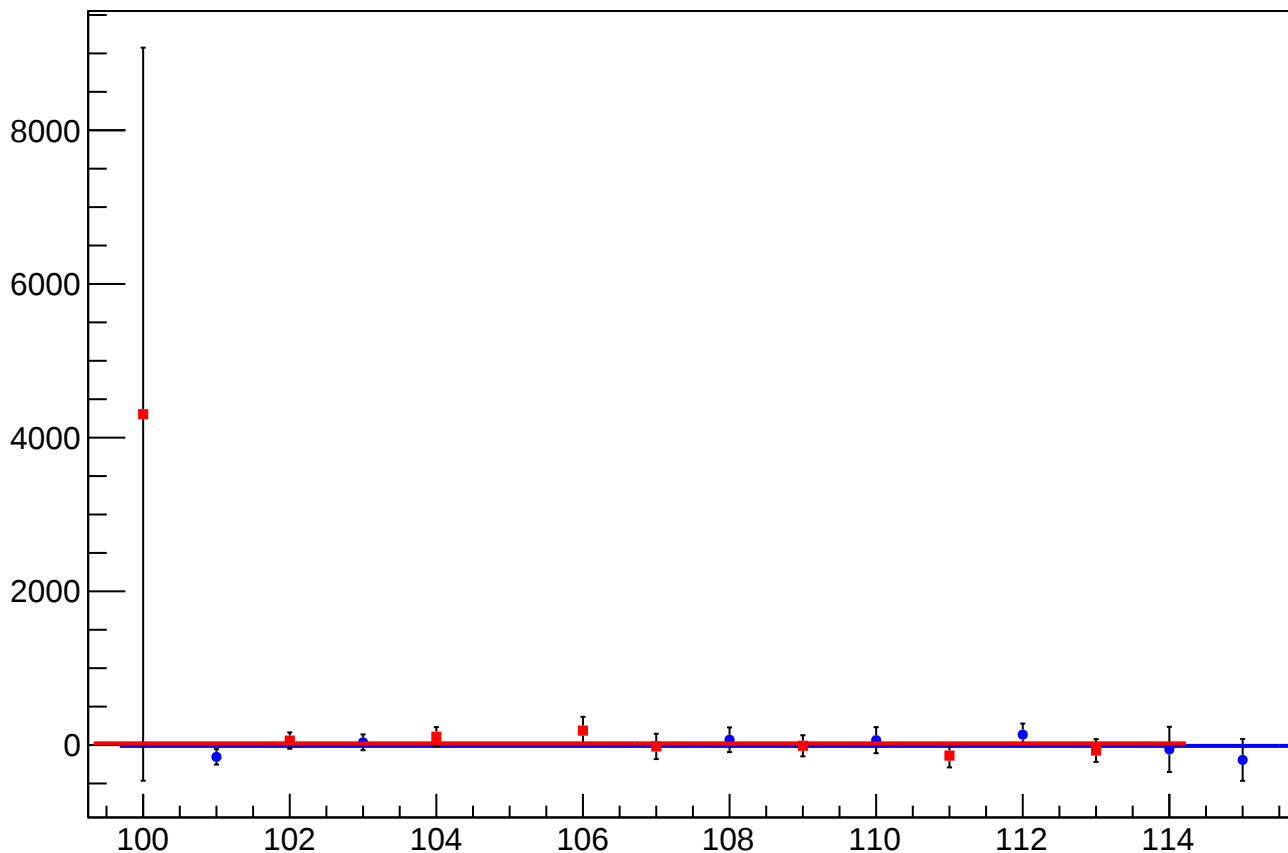
Right: 1941.346+/-0.575 χ^2/NDF : 155189.1/14

In: 1878.382+/-0.829 χ^2/NDF : 89136.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1941.346+/-0.575 χ^2/NDF : 155189.1/14

reg_asym_dsl_mean vs Slug, Sign Corrected



Right In: -11.323+/-54.155 χ^2/NDF : 4.2/6

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

Right Out: 22.158+/-52.495 χ^2/NDF : 3.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

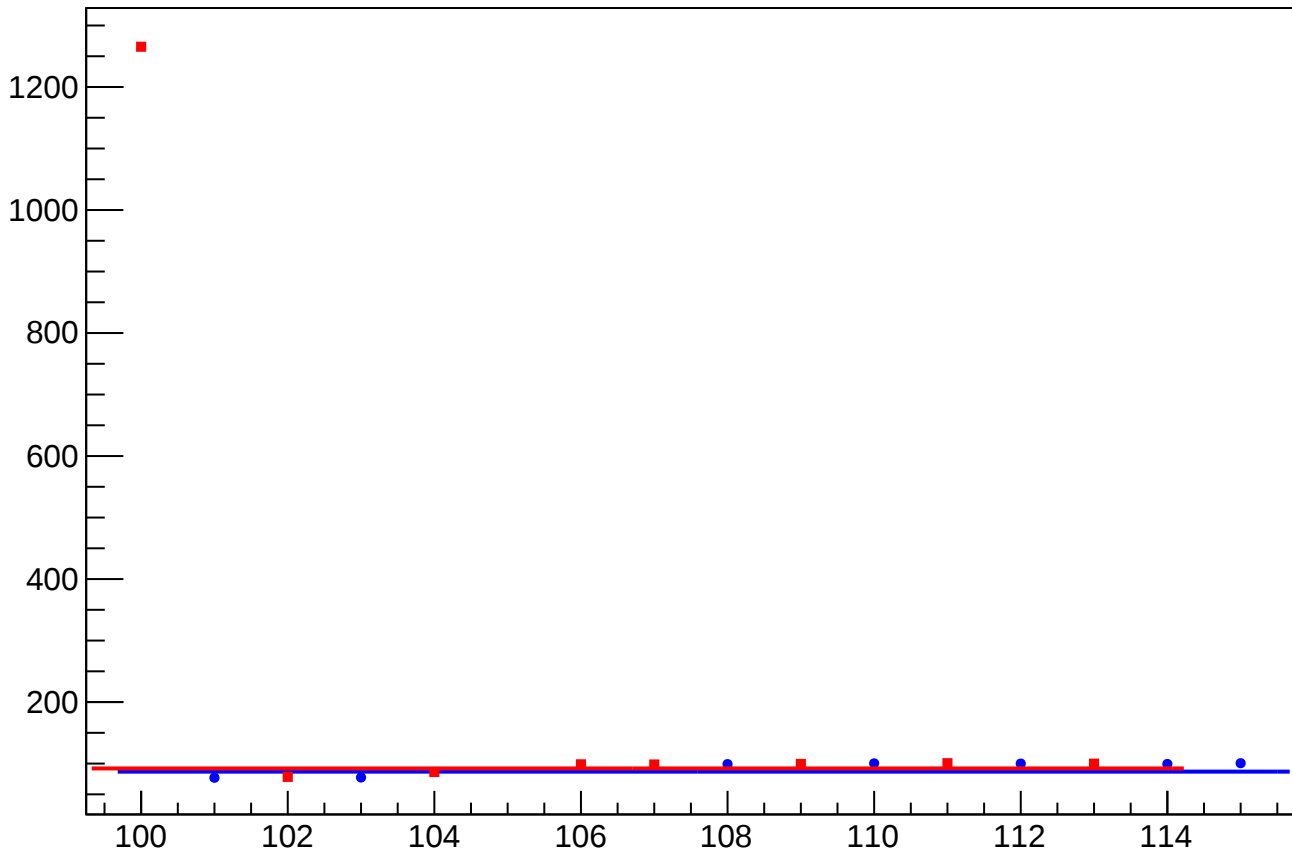
Right: 5.939+/-37.693 χ^2/NDF : 8.3/14

In: -11.323+/-54.155 χ^2/NDF : 4.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.939+/-37.693 χ^2/NDF : 8.3/14

reg_asym_dsl_rms vs Slug, Sign Corrected



Right In: 86.916+/-0.038 χ^2/NDF : 86136.2/6

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

Right Out: 92.090+/-0.037 χ^2/NDF : 181583.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

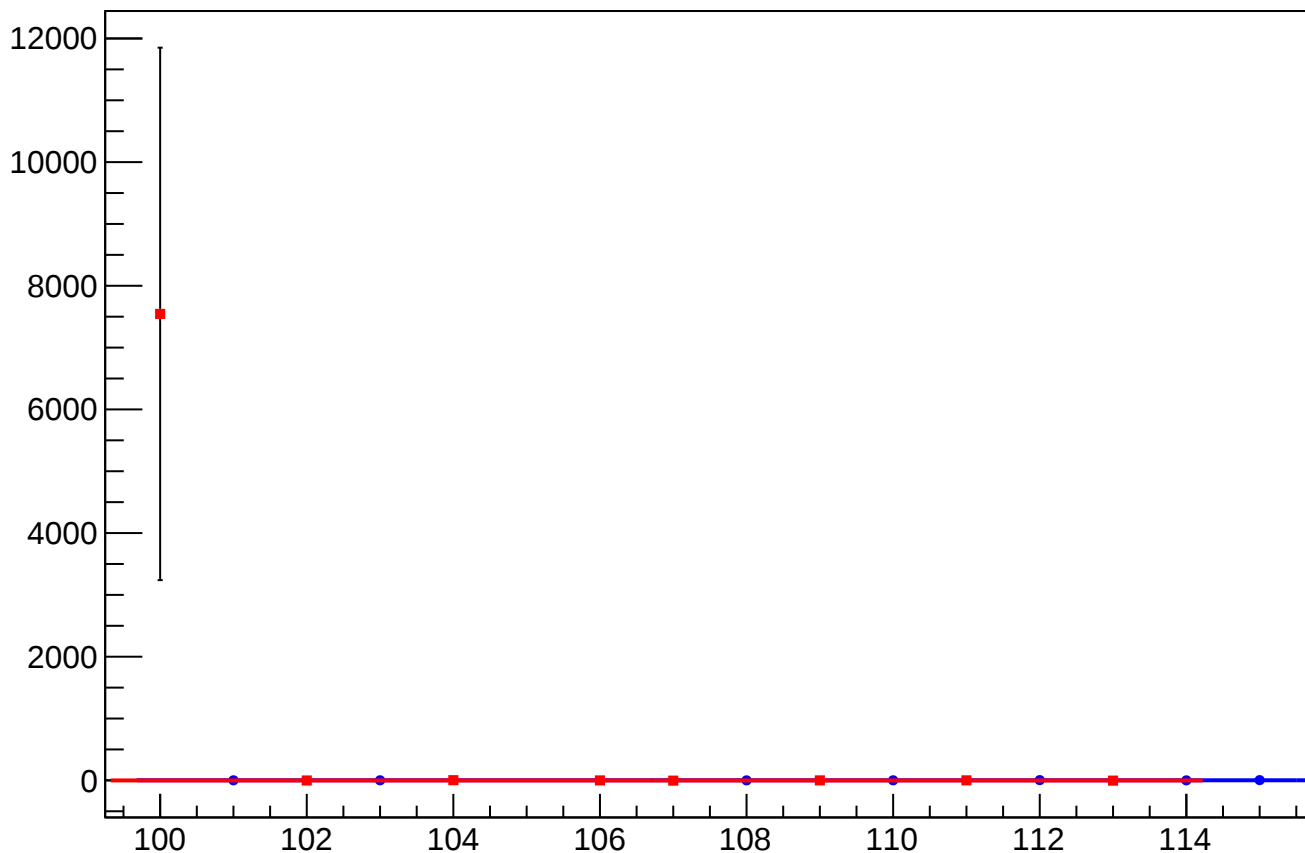
Right: 89.583+/-0.027 χ^2/NDF : 277130.7/14

In: 86.916+/-0.038 χ^2/NDF : 86136.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.583+/-0.027 χ^2/NDF : 277130.7/14

asym_dsl_correction_mean vs Slug, Sign Corrected



Right In: 1.205+/-0.845 χ^2/NDF : 2.1/6

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

Right Out: -1.287+/-0.905 χ^2/NDF : 10.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

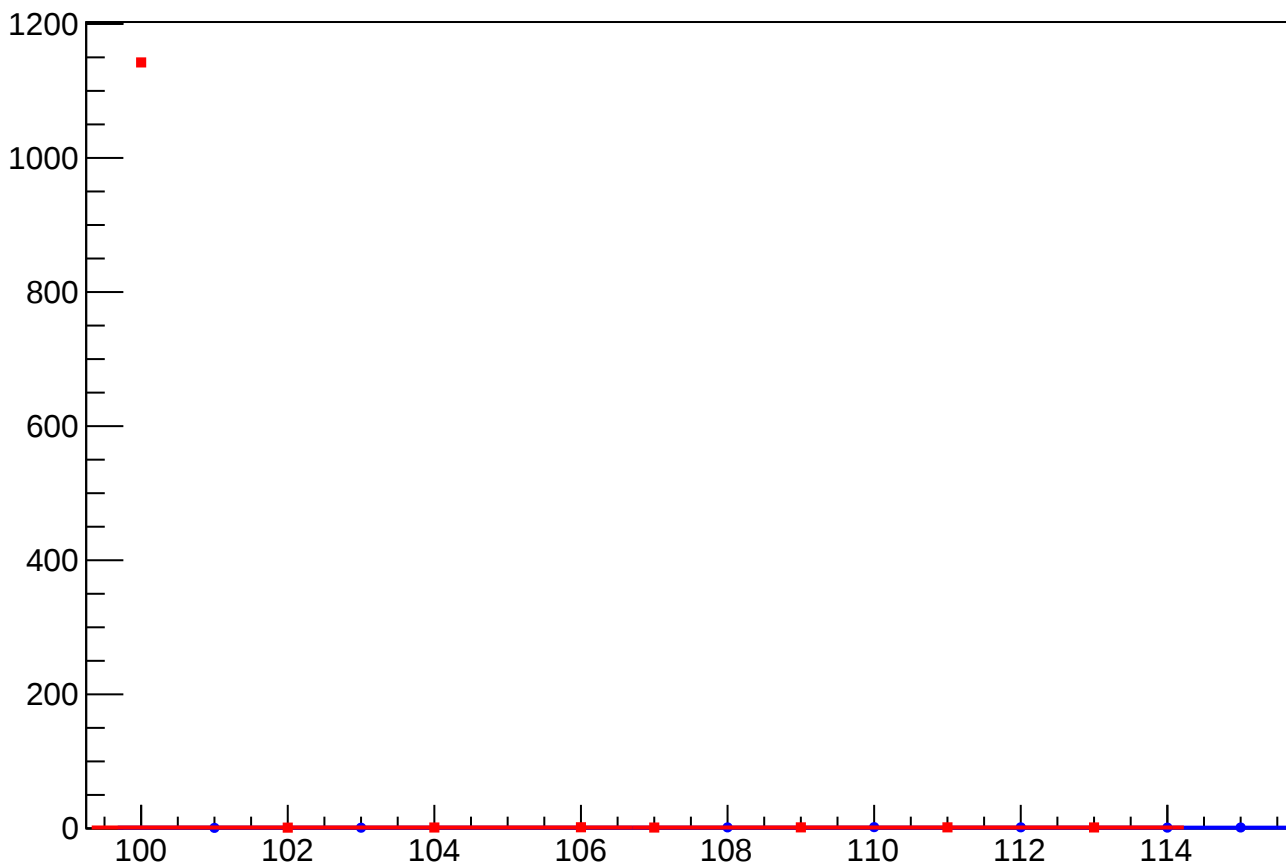
Right: 0.044+/-0.618 χ^2/NDF : 16.6/14

In: 1.205+/-0.845 χ^2/NDF : 2.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.044+/-0.618 χ^2/NDF : 16.6/14

asym_dsl_correction_rms vs Slug, Sign Corrected



Right In: 1.194+/-0.001 χ^2/NDF : 324193.9/6

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

Right Out: 1.456+/-0.001 χ^2/NDF : 215879.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

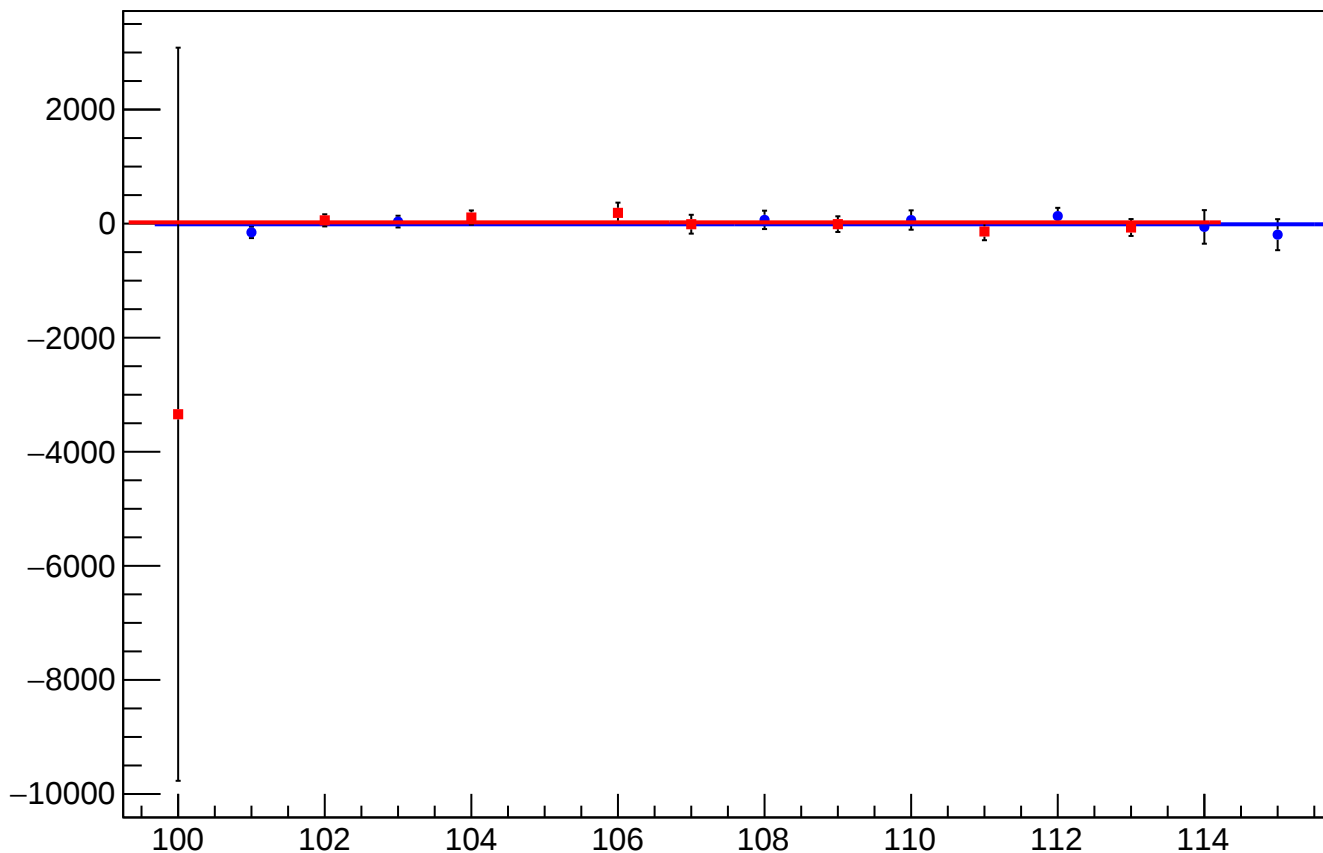
Right: 1.316+/-0.000 χ^2/NDF : 629583.5/14

In: 1.194+/-0.001 χ^2/NDF : 324193.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.316+/-0.000 χ^2/NDF : 629583.5/14

asym_dsl_mean vs Slug, Sign Corrected



Right In: -11.829+/-54.169 χ^2 /NDF: 4.1/6

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

Right Out: 22.156+/-52.510 χ^2 /NDF: 3.3/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

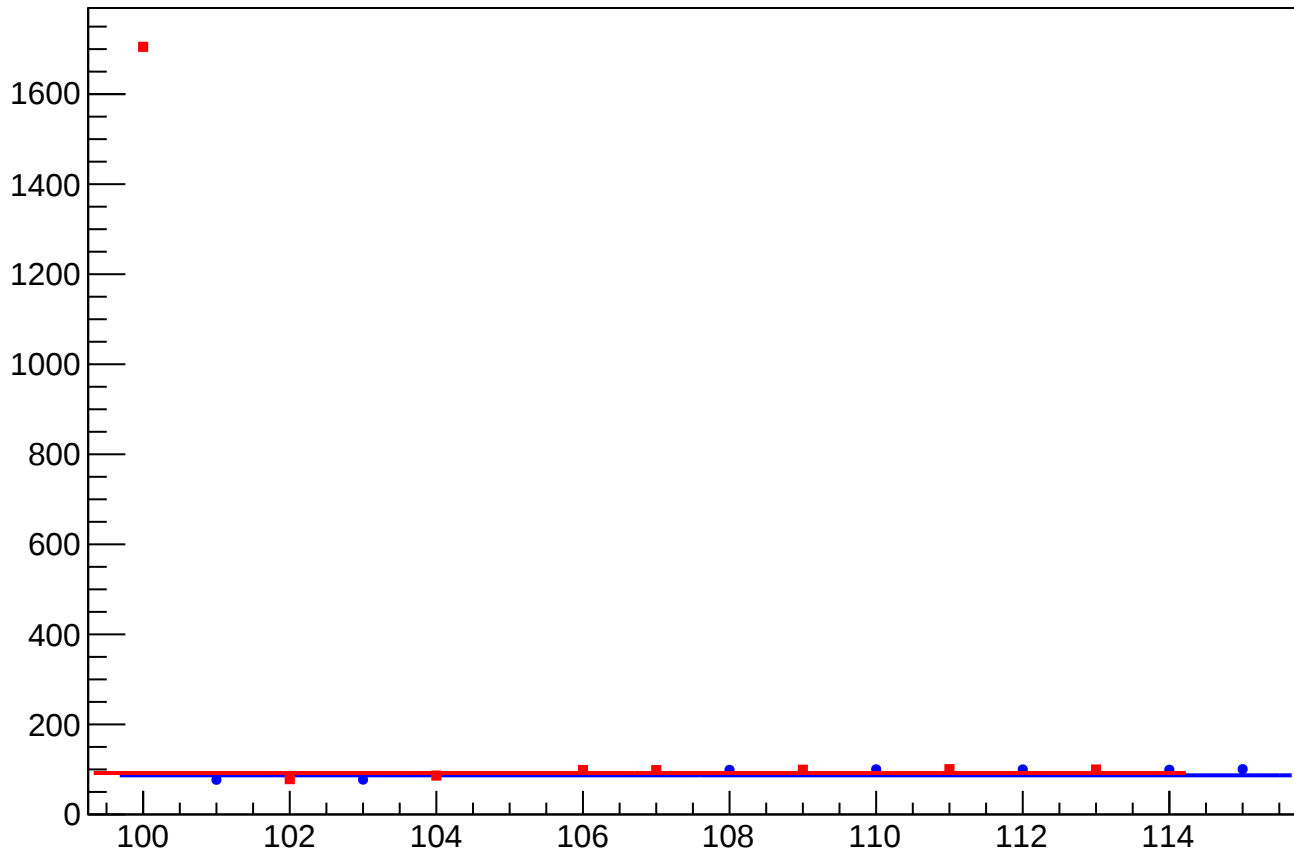
Right: 5.692+/-37.703 χ^2 /NDF: 7.6/14

In: -11.829+/-54.169 χ^2 /NDF:4.1/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 5.692+/-37.703 χ^2 /NDF: 7.6/14

asym_dsl_rms vs Slug, Sign Corrected



Right In: 86.937 $\pm$ 0.038 χ^2 /NDF: 86139.0/6

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

Right Out: 92.079 $\pm$ 0.037 χ^2 /NDF: 186501.7/7

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

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

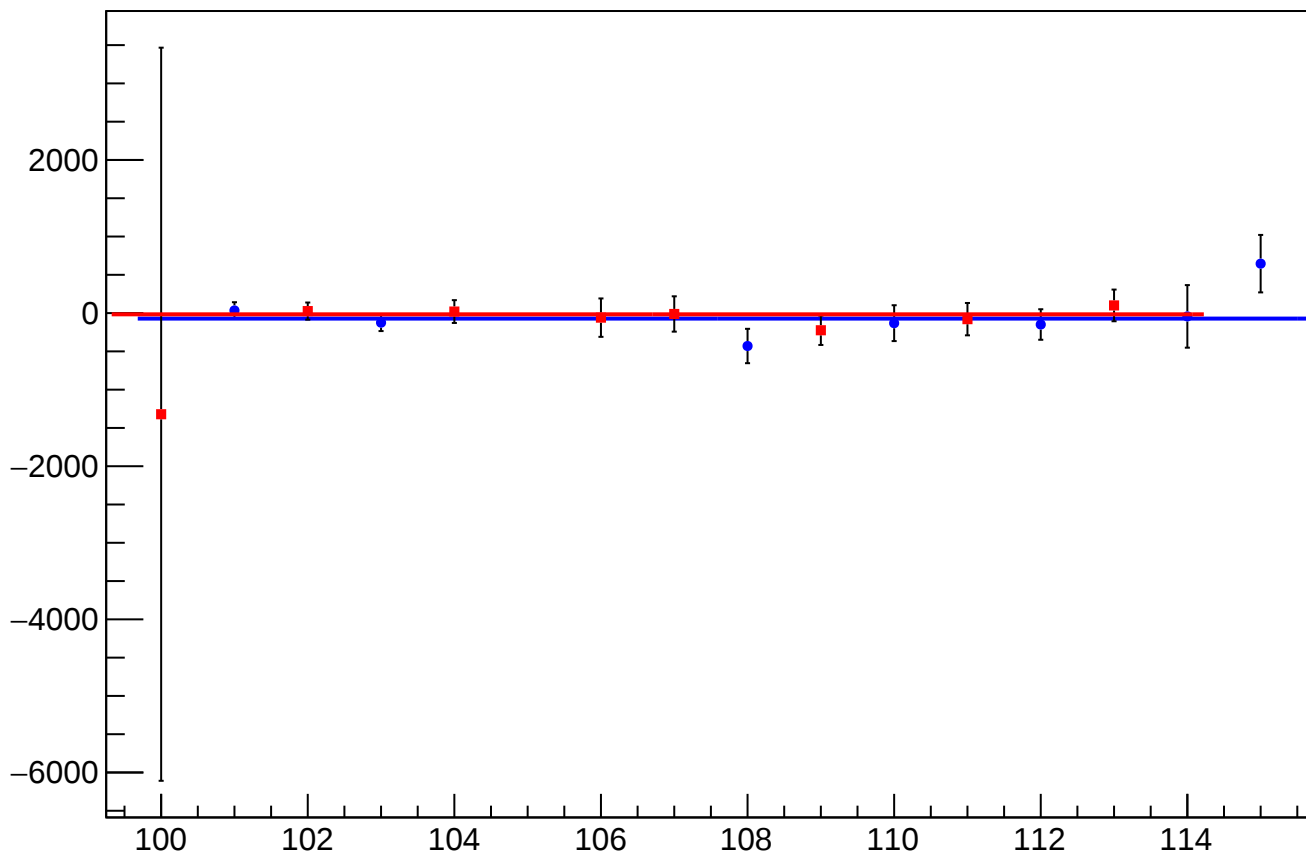
Right: 89.588 $\pm$ 0.027 χ^2 /NDF: 281931.9/14

In: 86.937 $\pm$ 0.038 χ^2 /NDF: 86139.0/6

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

All: 89.588 $\pm$ 0.027 χ^2 /NDF: 281931.9/14

reg_asym_dsr_mean vs Slug, Sign Corrected



Right In: -71.820+/-63.808 χ^2/NDF : 7.6/6

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

Right Out: -16.051+/-65.545 χ^2/NDF : 1.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

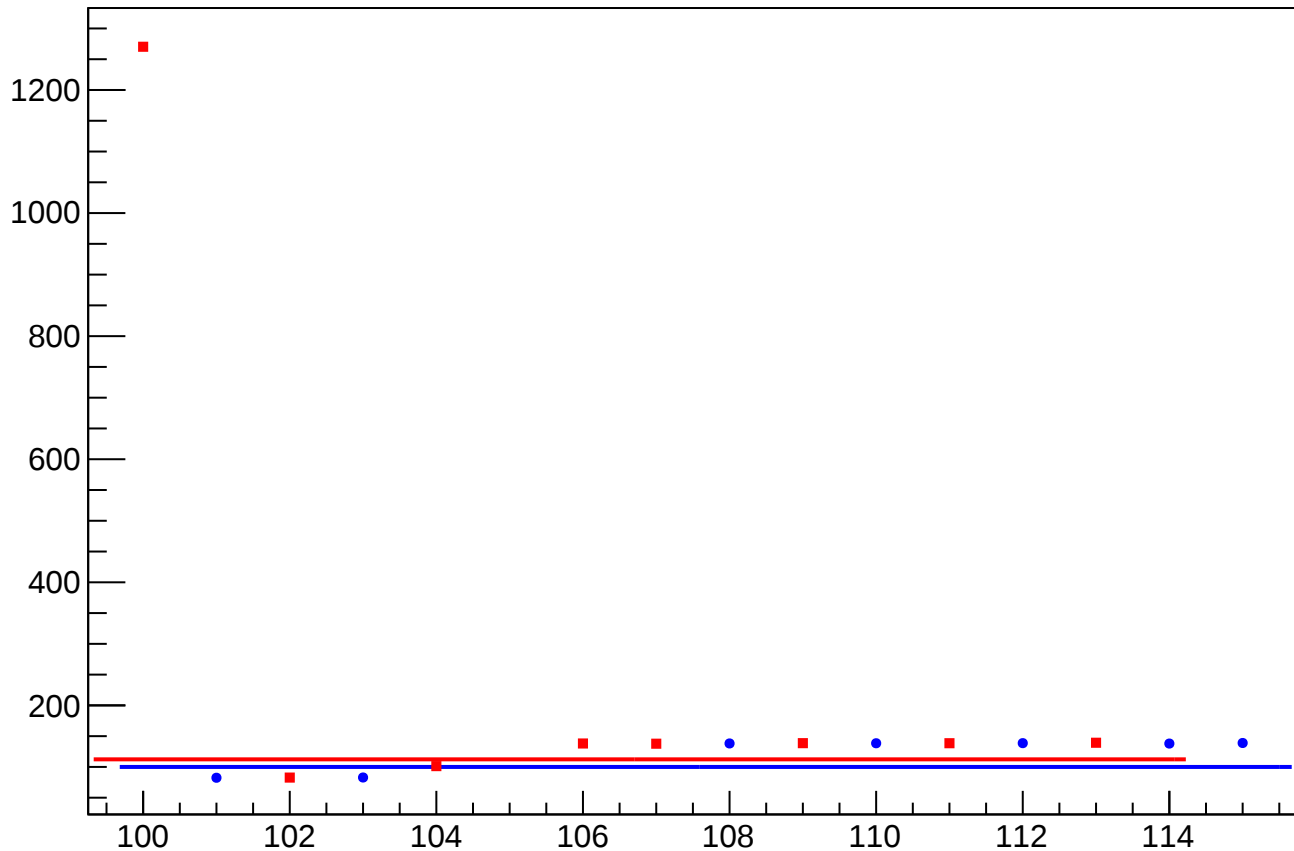
Right: -44.684+/-45.721 χ^2/NDF : 9.9/14

In: -71.820+/-63.808 χ^2/NDF :7.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -44.684+/-45.721 χ^2/NDF : 9.9/14

reg_asym_dsr_rms vs Slug, Sign Corrected



Right In: 99.969+/-0.045 χ^2/NDF : 328078.6/6

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

Right Out: 112.321+/-0.046 χ^2/NDF : 416268.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

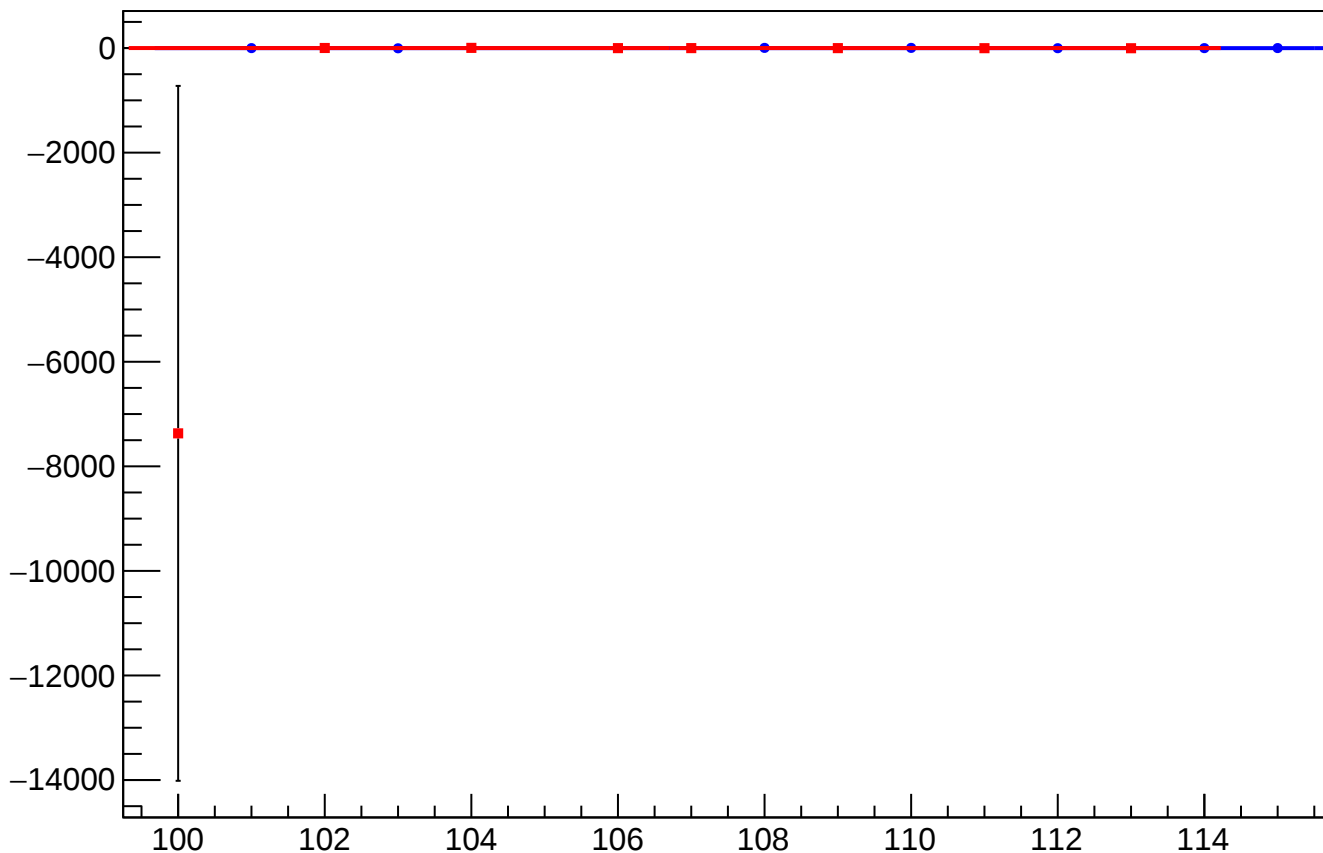
Right: 105.980+/-0.032 χ^2/NDF : 780812.8/14

In: 99.969+/-0.045 χ^2/NDF : 328078.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.980+/-0.032 χ^2/NDF : 780812.8/14

asym_dsr_correction_mean vs Slug, Sign Corrected



Right In: -1.516+/-1.111 χ^2/NDF : 5.4/6

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

Right Out: 0.190+/-1.177 χ^2/NDF : 4.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

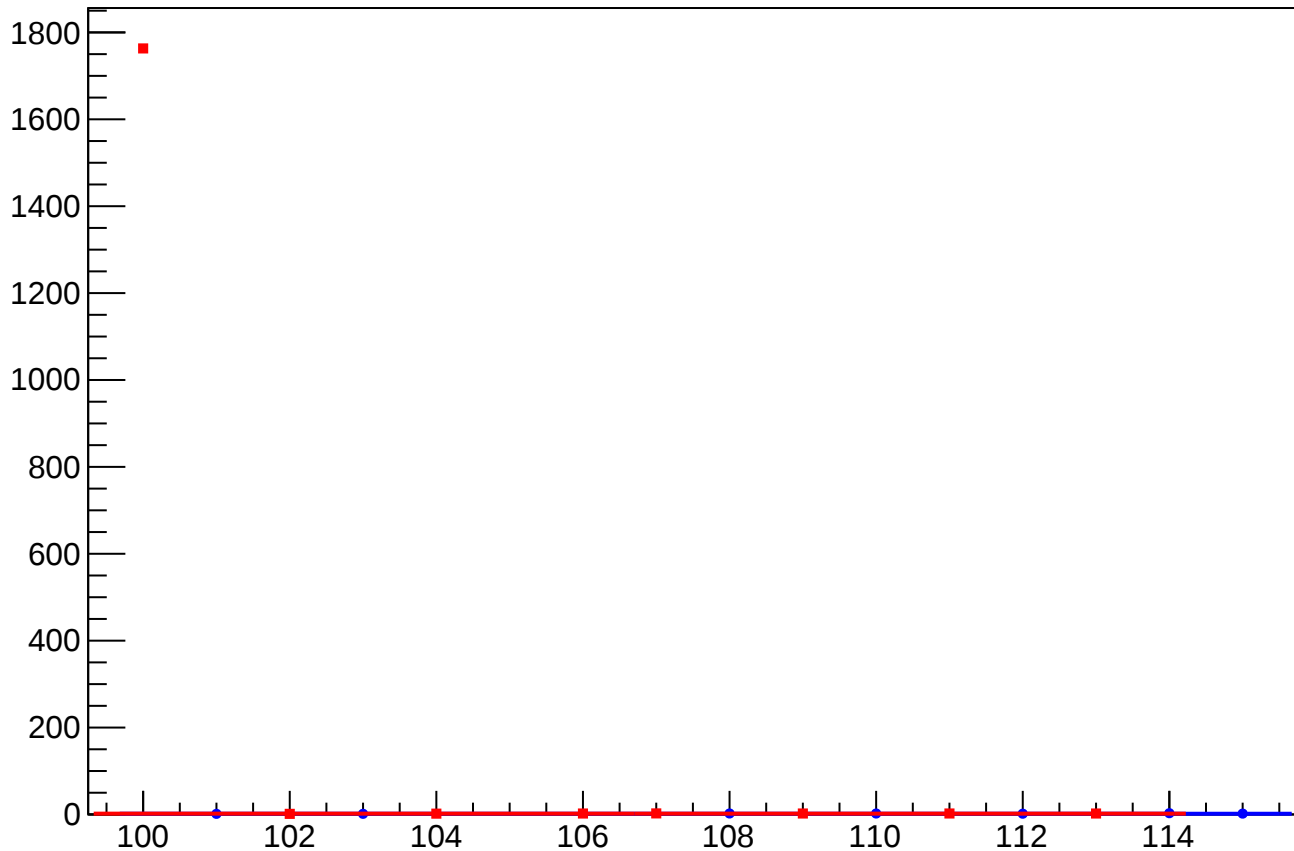
Right: -0.712+/-0.808 χ^2/NDF : 11.2/14

In: -1.516+/-1.111 χ^2/NDF : 5.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.712+/-0.808 χ^2/NDF : 11.2/14

asym_dsr_correction_rms vs Slug, Sign Corrected



Right In: 1.617 $\pm$ 0.001 χ^2 /NDF: 184028.0/6

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

Right Out: 1.862 $\pm$ 0.001 χ^2 /NDF: 358454.0/7

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

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

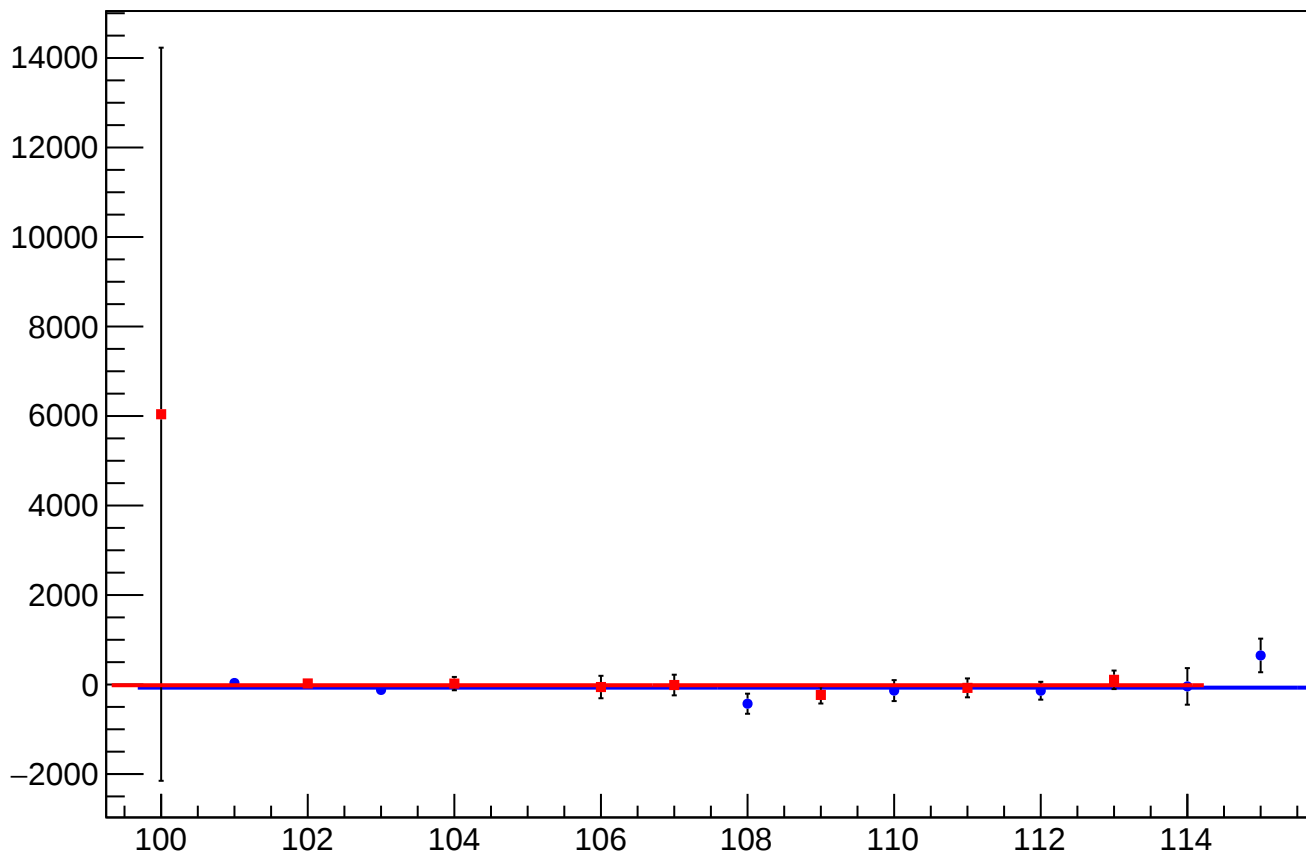
Right: 1.733 $\pm$ 0.001 χ^2 /NDF: 588327.2/14

In: 1.617 $\pm$ 0.001 χ^2 /NDF: 184028.0/6

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

All: 1.733 $\pm$ 0.001 χ^2 /NDF: 588327.2/14

asym_dsr_mean vs Slug, Sign Corrected



Right In: -69.382+/-63.825 χ^2 /NDF: 7.6/6

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

Right Out: -15.609+/-65.567 χ^2 /NDF: 2.5/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

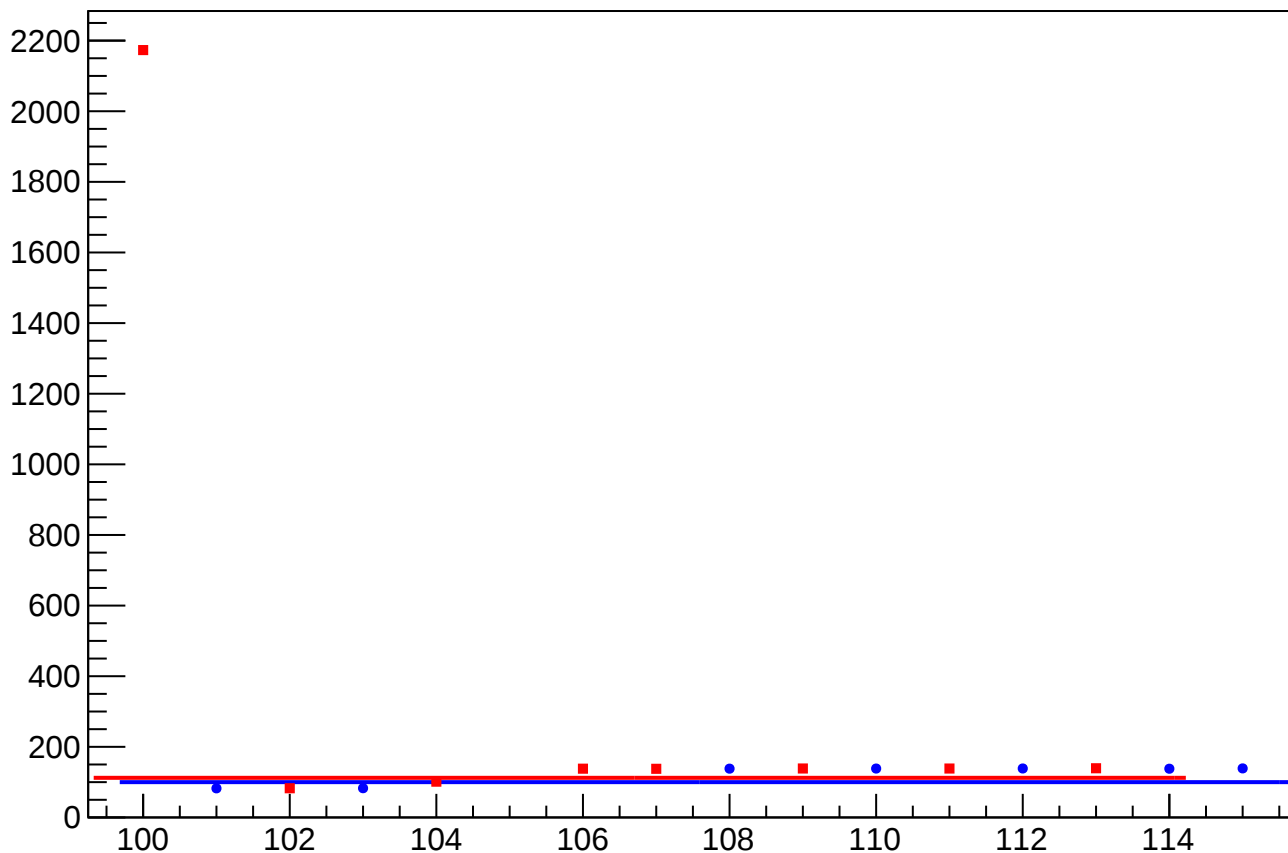
Right: -43.219+/-45.735 χ^2 /NDF: 10.4/14

In: -69.382+/-63.825 χ^2 /NDF:7.6/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -43.219+/-45.735 χ^2 /NDF: 10.4/14

asym_dsr_rms vs Slug, Sign Corrected



Right In: 99.996+/-0.045 χ^2/NDF : 328083.6/6

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

Right Out: 112.267+/-0.046 χ^2/NDF : 425890.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

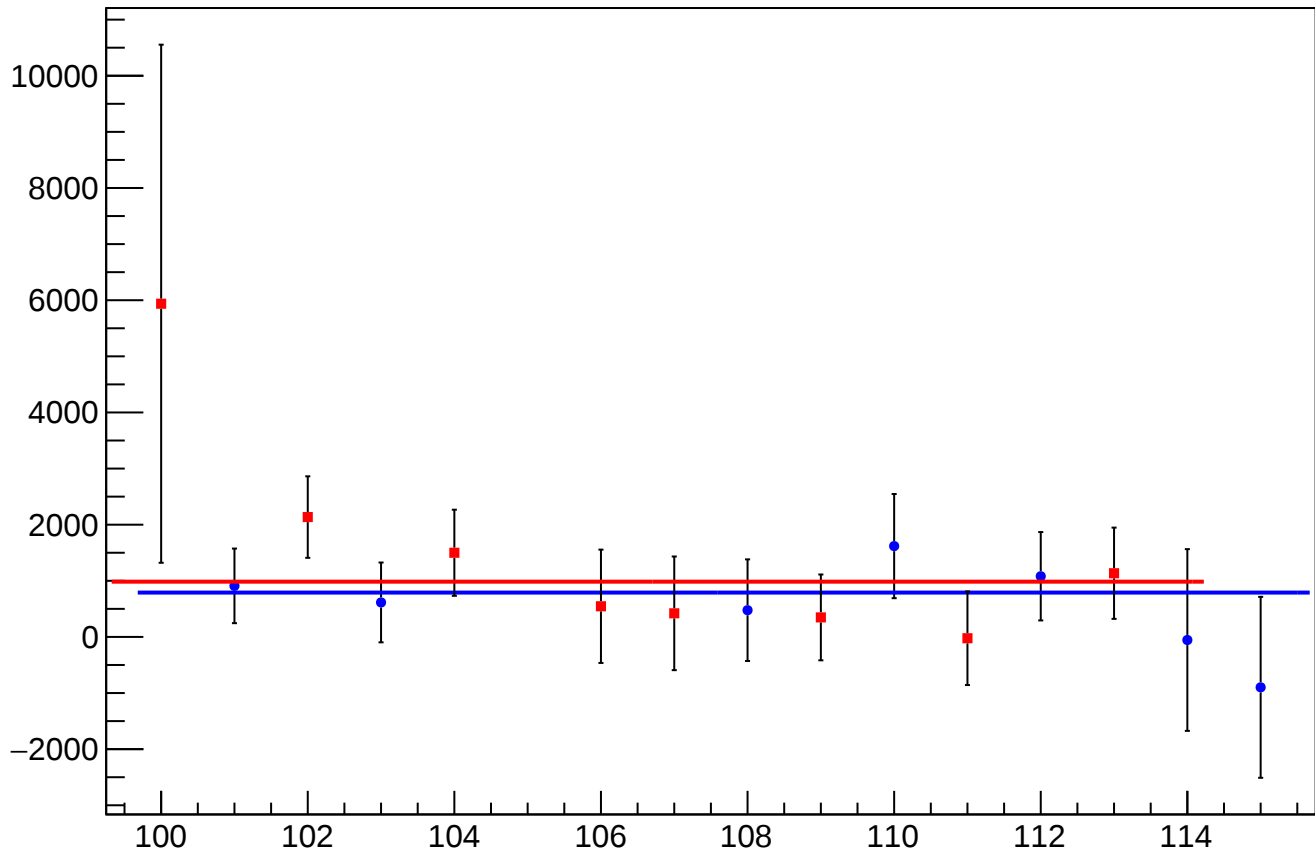
Right: 105.966+/-0.032 χ^2/NDF : 789943.1/14

In: 99.996+/-0.045 χ^2/NDF : 328083.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.966+/-0.032 χ^2/NDF : 789943.1/14

reg_asym_left_avg_mean vs Slug, Sign Corrected



Right In: 790.306+/-333.333 χ^2/NDF : 2.5/6

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

Right Out: 984.614+/-312.230 χ^2/NDF : 6.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

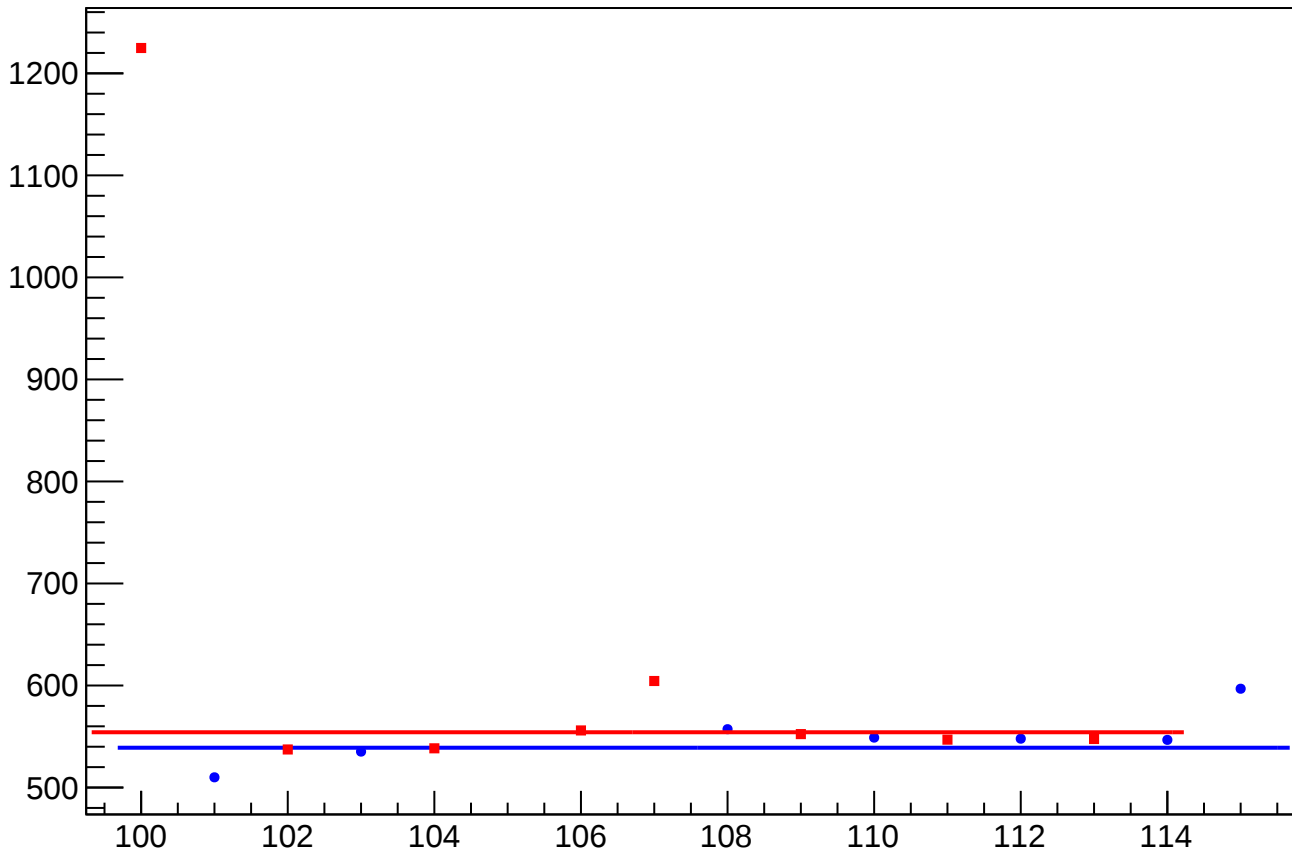
Right: 893.805+/-227.875 χ^2/NDF : 9.5/14

In: 790.306+/-333.333 χ^2/NDF : 2.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 893.805+/-227.875 χ^2/NDF : 9.5/14

reg_asym_left_avg_rms vs Slug, Sign Corrected



Right In: 539.019+/-0.236 χ^2/NDF : 7771.0/6

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

Right Out: 554.178+/-0.221 χ^2/NDF : 49355.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

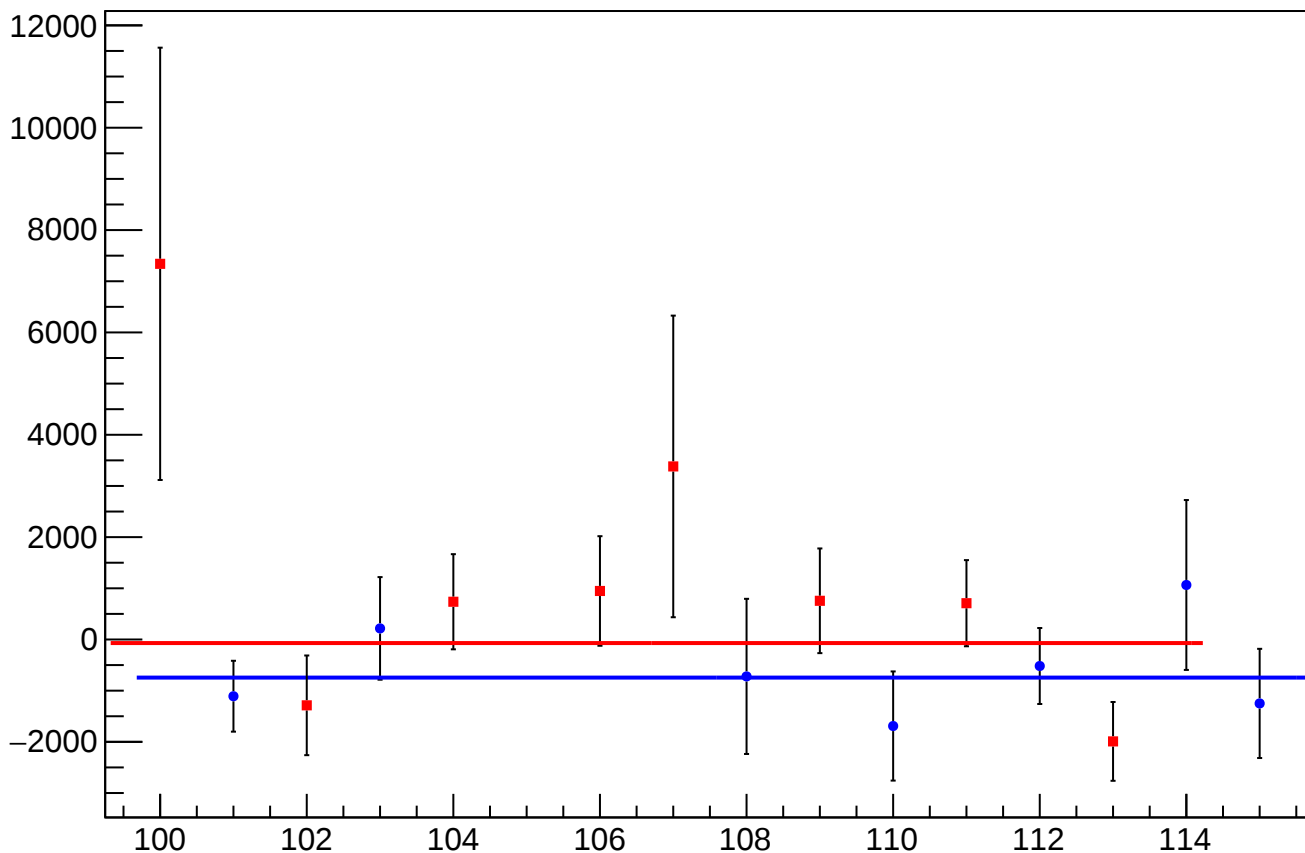
Right: 547.093+/-0.161 χ^2/NDF : 59329.3/14

In: 539.019+/-0.236 χ^2/NDF : 7771.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 547.093+/-0.161 χ^2/NDF : 59329.3/14

asym_left_avg_correction_mean vs Slug, Sign Corrected



Right In: -744.594+/-366.341 χ^2/NDF : 3.5/6

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

Right Out: -69.839+/-369.861 χ^2/NDF : 15.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

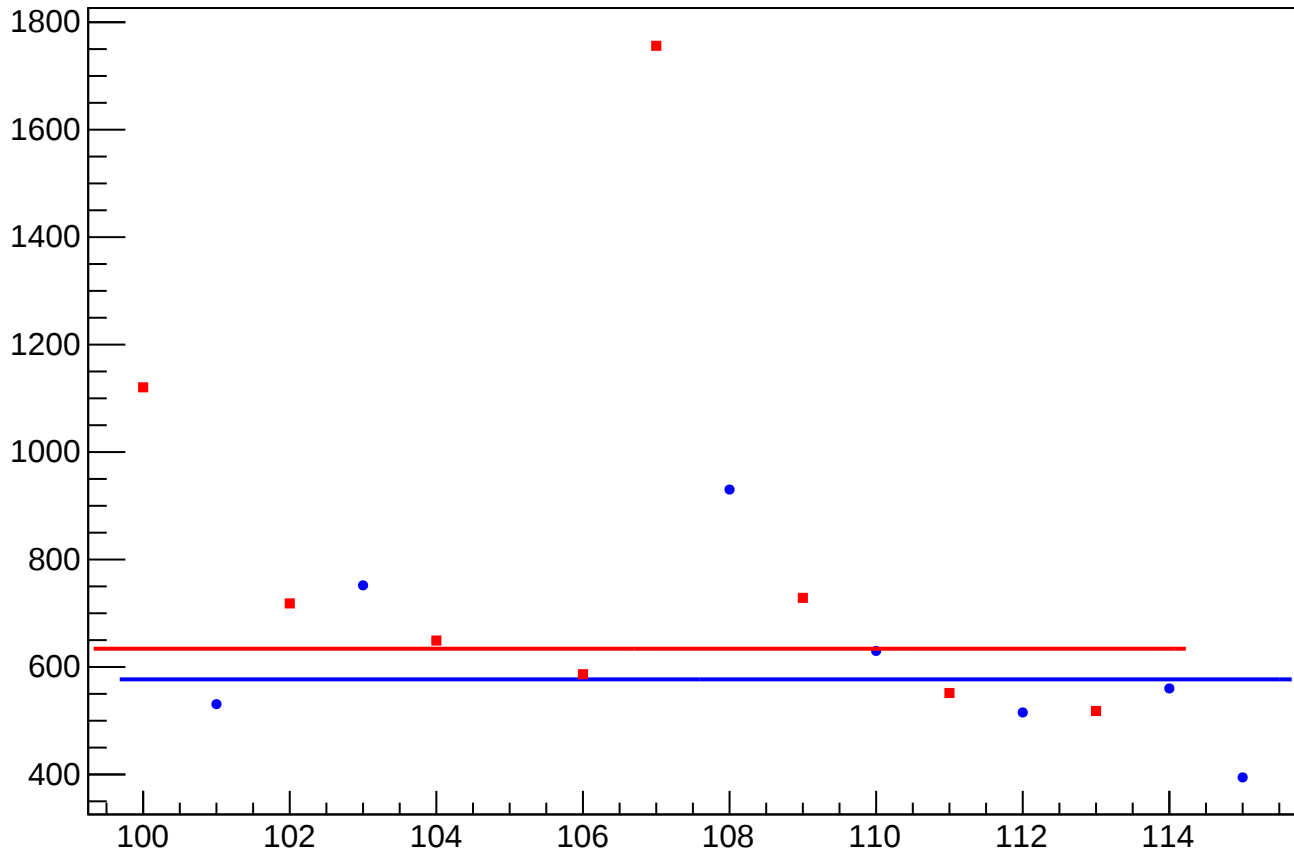
Right: -410.442+/-260.278 χ^2/NDF : 20.6/14

In: -744.594+/-366.341 χ^2/NDF : 3.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -410.442+/-260.278 χ^2/NDF : 20.6/14

asym_left_avg_correction_rms vs Slug, Sign Corrected



Right In: 576.984+/-0.259 χ^2/NDF : 255810.9/6

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

Right Out: 634.045+/-0.262 χ^2/NDF : 417636.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

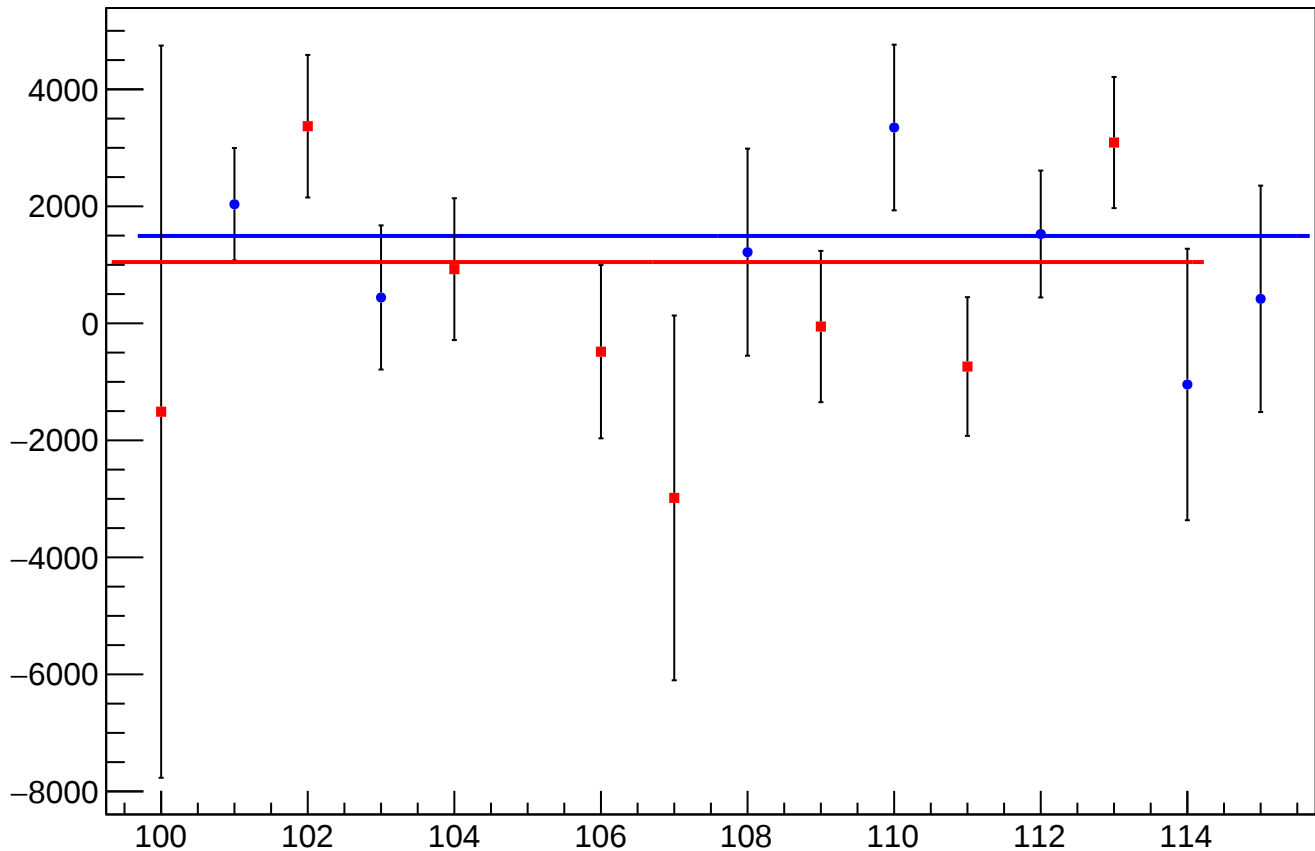
Right: 605.242+/-0.184 χ^2/NDF : 697476.5/14

In: 576.984+/-0.259 χ^2/NDF : 255810.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 605.242+/-0.184 χ^2/NDF : 697476.5/14

asym_left_avg_mean vs Slug, Sign Corrected



Right In: 1493.721+/-508.808 χ^2/NDF : 4.3/6

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

Right Out: 1047.767+/-497.217 χ^2/NDF : 12.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

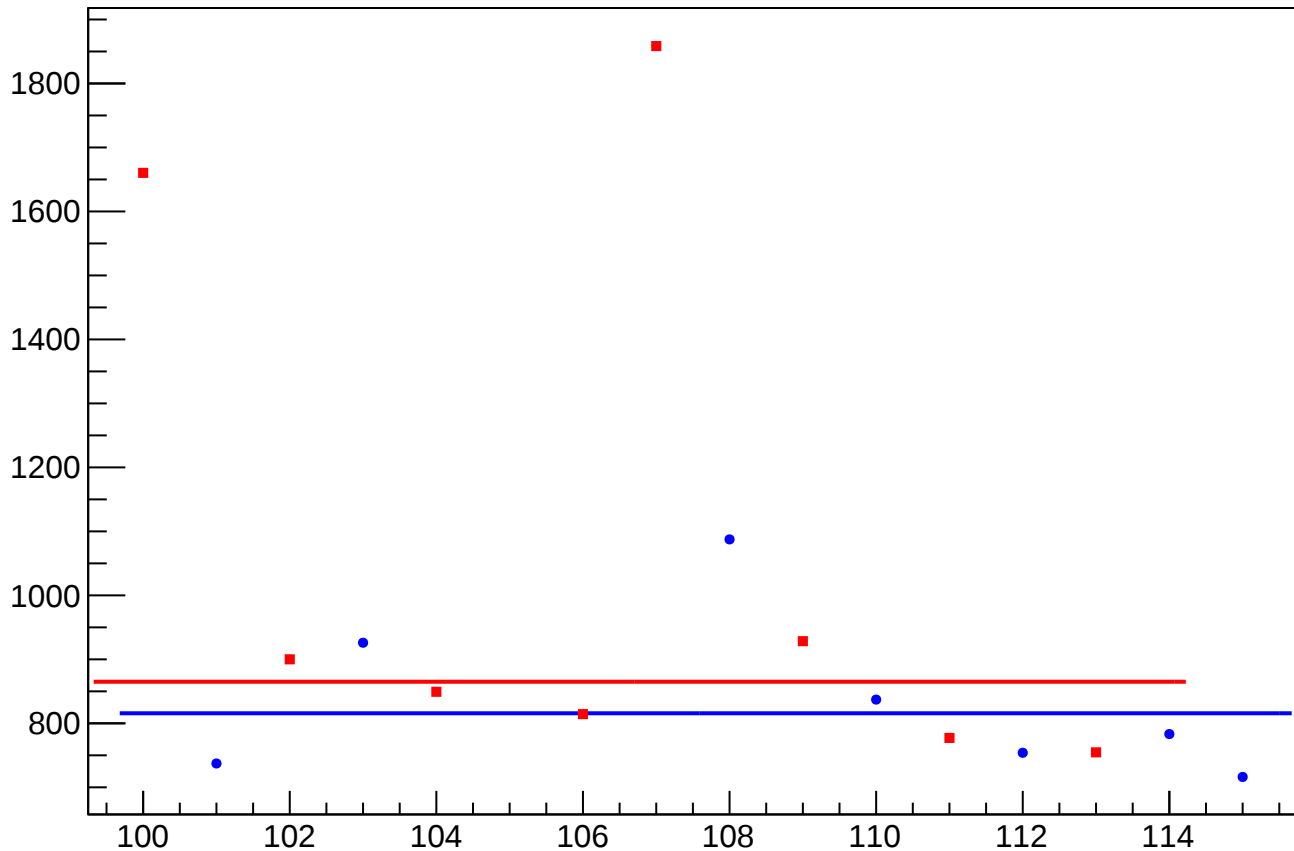
Right: 1265.606+/-355.613 χ^2/NDF : 17.6/14

In: 1493.721+/-508.808 χ^2/NDF : 4.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1265.606+/-355.613 χ^2/NDF : 17.6/14

asym_left_avg_rms vs Slug, Sign Corrected



Right In: 815.716+/-0.360 χ^2/NDF : 89116.1/6

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

Right Out: 864.998+/-0.352 χ^2/NDF : 274869.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

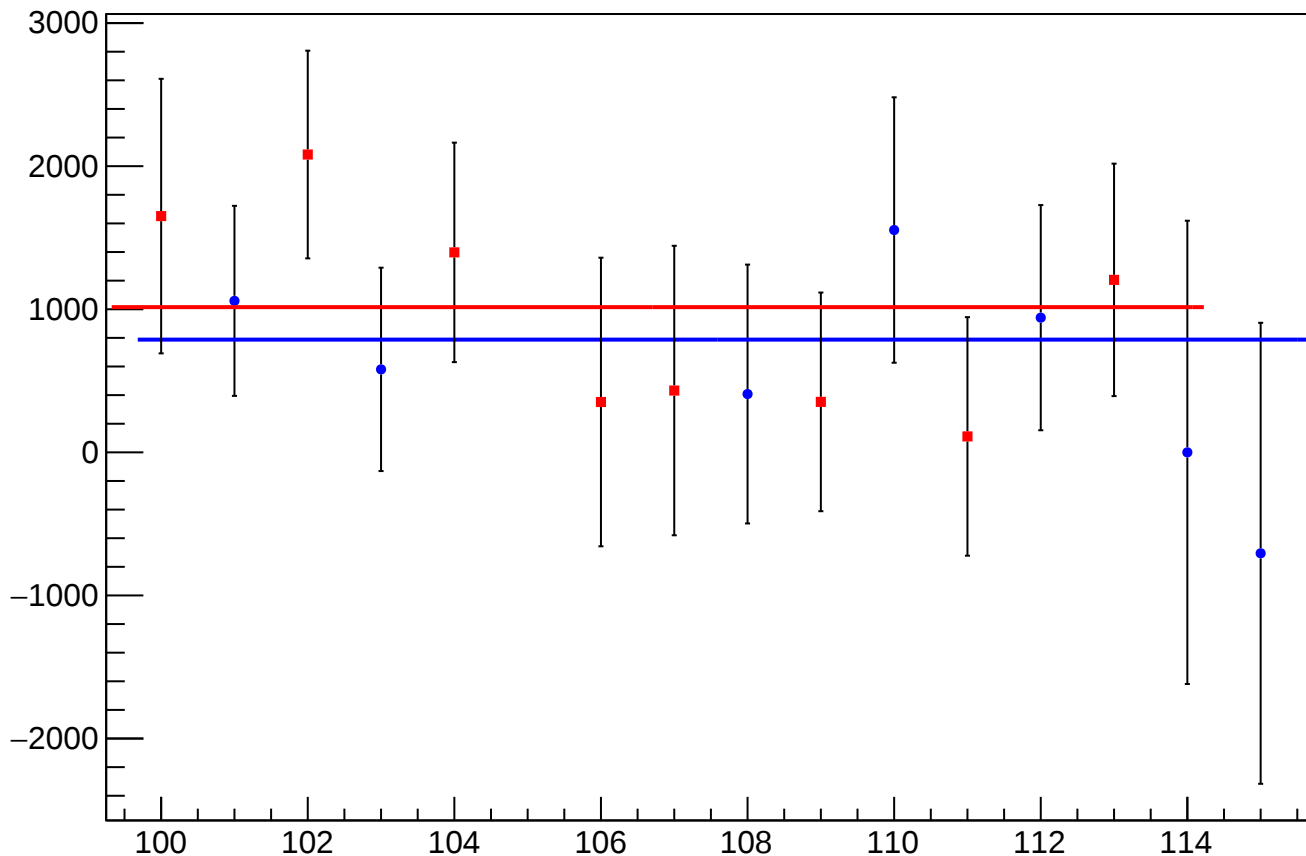
Right: 840.925+/-0.251 χ^2/NDF : 373582.8/14

In: 815.716+/-0.360 χ^2/NDF : 89116.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 840.925+/-0.251 χ^2/NDF : 373582.8/14

reg_asym_left_dd_mean vs Slug, Sign Corrected



Right In: 787.881+/-333.079 χ^2/NDF : 2.2/6

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

Right Out: 1014.824+/-297.312 χ^2/NDF : 5.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

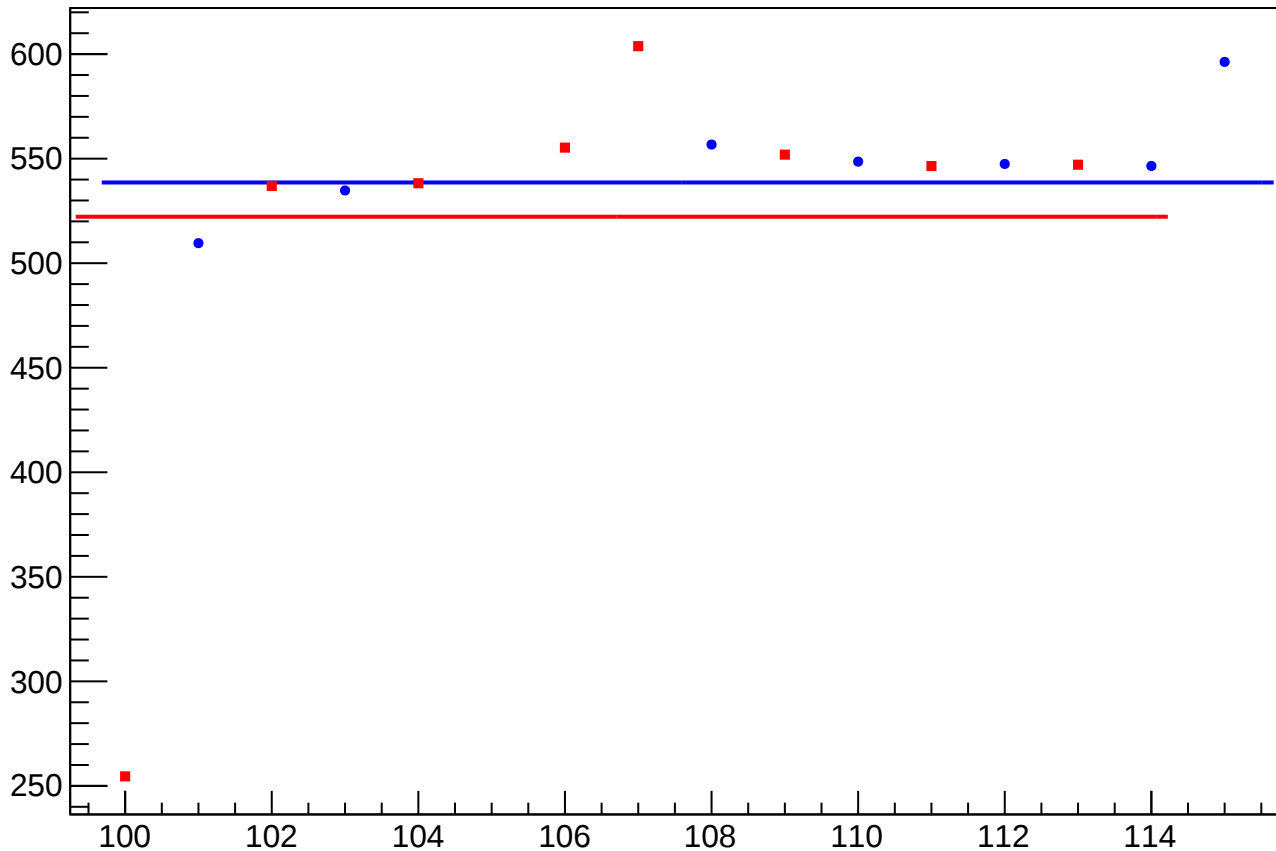
Right: 914.188+/-221.803 χ^2/NDF : 8.1/14

In: 787.881+/-333.079 χ^2/NDF : 2.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 914.188+/-221.803 χ^2/NDF : 8.1/14

reg_asym_left_dd_rms vs Slug, Sign Corrected



Right In: 538.608 $\pm$ 0.236 χ^2 /NDF: 7776.5/6

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

Right Out: 522.235 $\pm$ 0.210 χ^2 /NDF: 179130.5/7

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

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

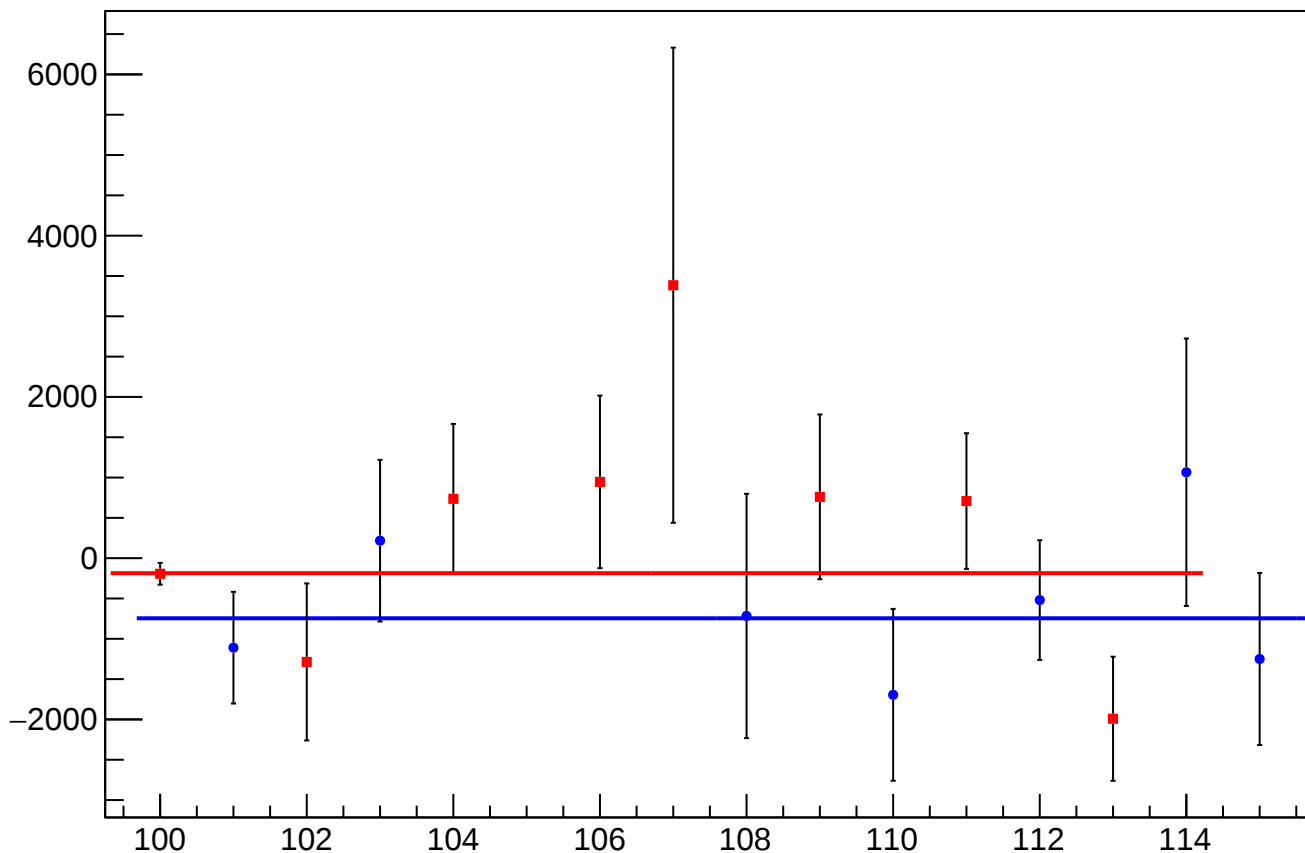
Right: 529.495 $\pm$ 0.157 χ^2 /NDF: 189596.4/14

In: 538.608 $\pm$ 0.236 χ^2 /NDF:7776.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 529.495 $\pm$ 0.157 χ^2 /NDF: 189596.4/14

asym_left_dd_correction_mean vs Slug, Sign Corrected



Right In: -745.475+/-366.220 χ^2/NDF : 3.5/6

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

Right Out: -185.748+/-126.838 χ^2/NDF : 12.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

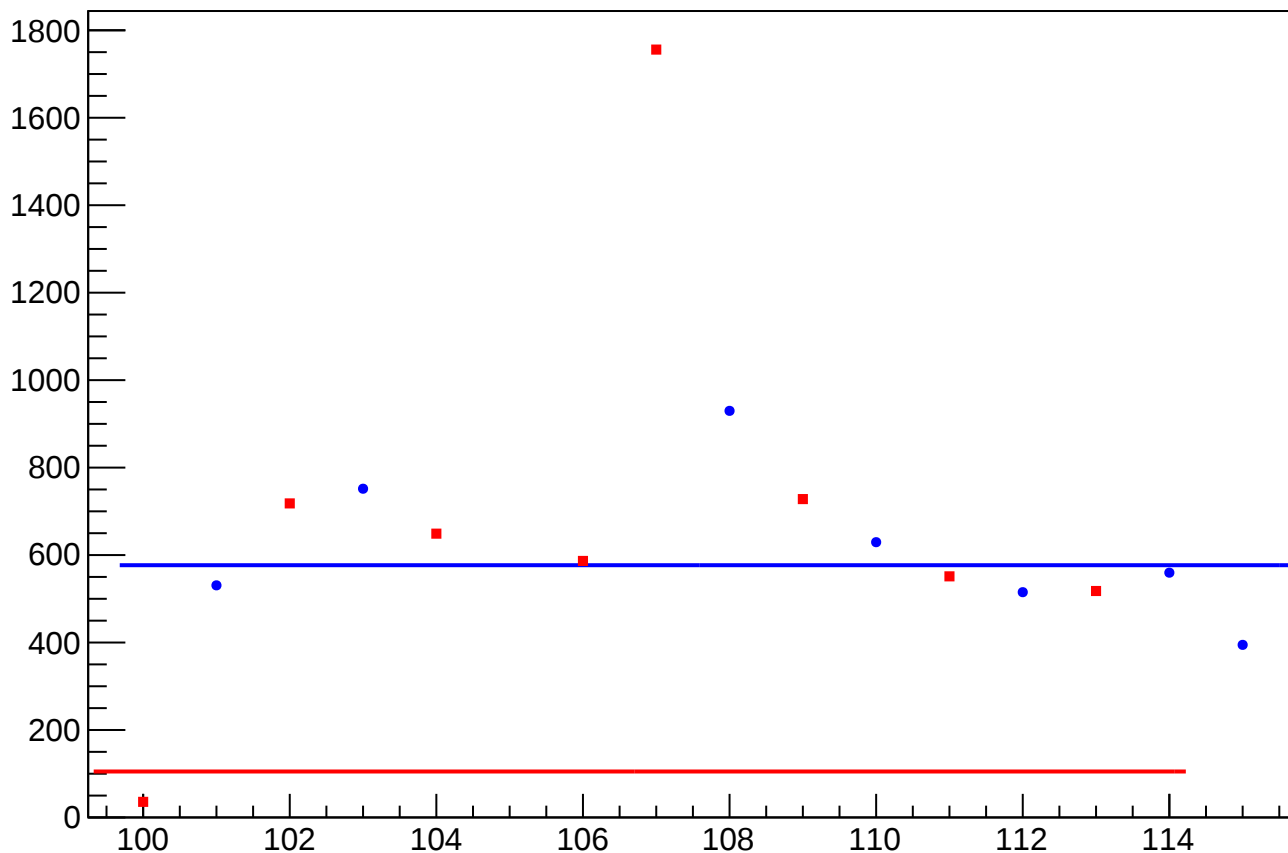
Right: -245.698+/-119.853 χ^2/NDF : 17.9/14

In: -745.475+/-366.220 χ^2/NDF : 3.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -245.698+/-119.853 χ^2/NDF : 17.9/14

asym_left_dd_correction_rms vs Slug, Sign Corrected



Right In: 576.816+/-0.259 χ^2/NDF : 255503.5/6

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

Right Out: 105.104+/-0.090 χ^2/NDF : 4920862.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

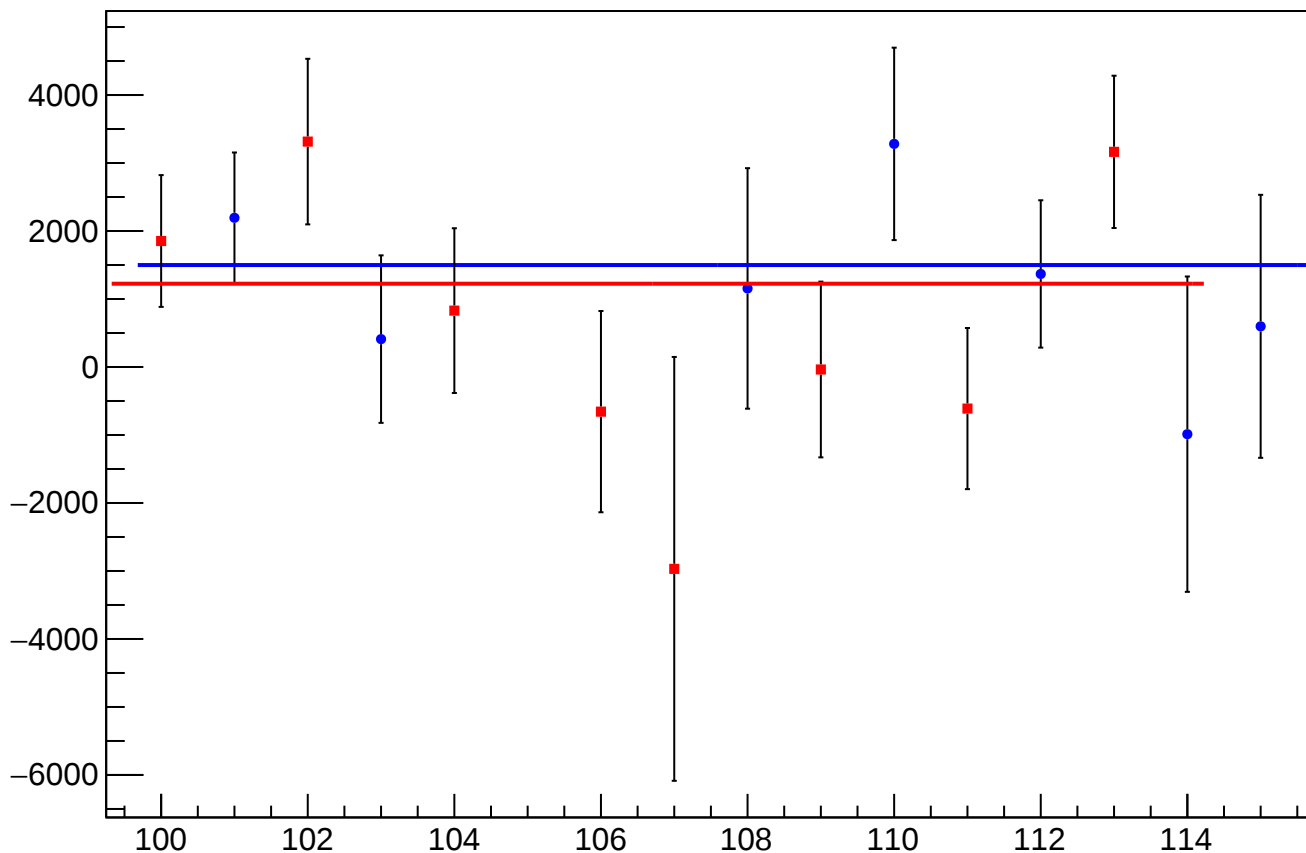
Right: 155.627+/-0.085 χ^2/NDF : 8139148.4/14

In: 576.816+/-0.259 χ^2/NDF : 255503.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.627+/-0.085 χ^2/NDF : 8139148.4/14

asym_left_dd_mean vs Slug, Sign Corrected



Right In: 1499.317+/-508.520 χ^2/NDF : 4.3/6

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

Right Out: 1224.929+/-443.293 χ^2/NDF : 13.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

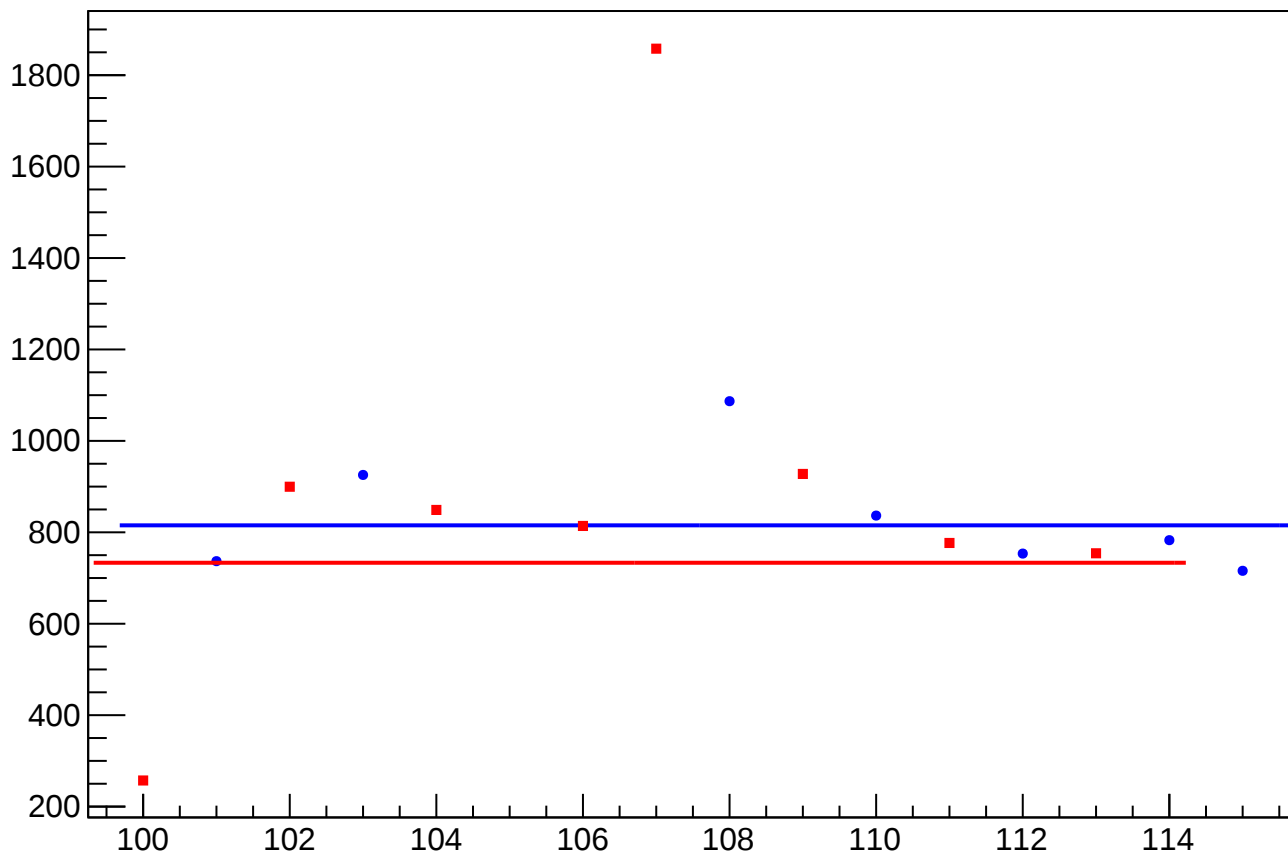
Right: 1343.407+/-334.153 χ^2/NDF : 17.7/14

In: 1499.317+/-508.520 χ^2/NDF : 4.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1343.407+/-334.153 χ^2/NDF : 17.7/14

asym_left_dd_rms vs Slug, Sign Corrected



Right In: 815.254+/-0.360 χ^2/NDF : 89121.0/6

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

Right Out: 733.407+/-0.313 χ^2/NDF : 853431.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

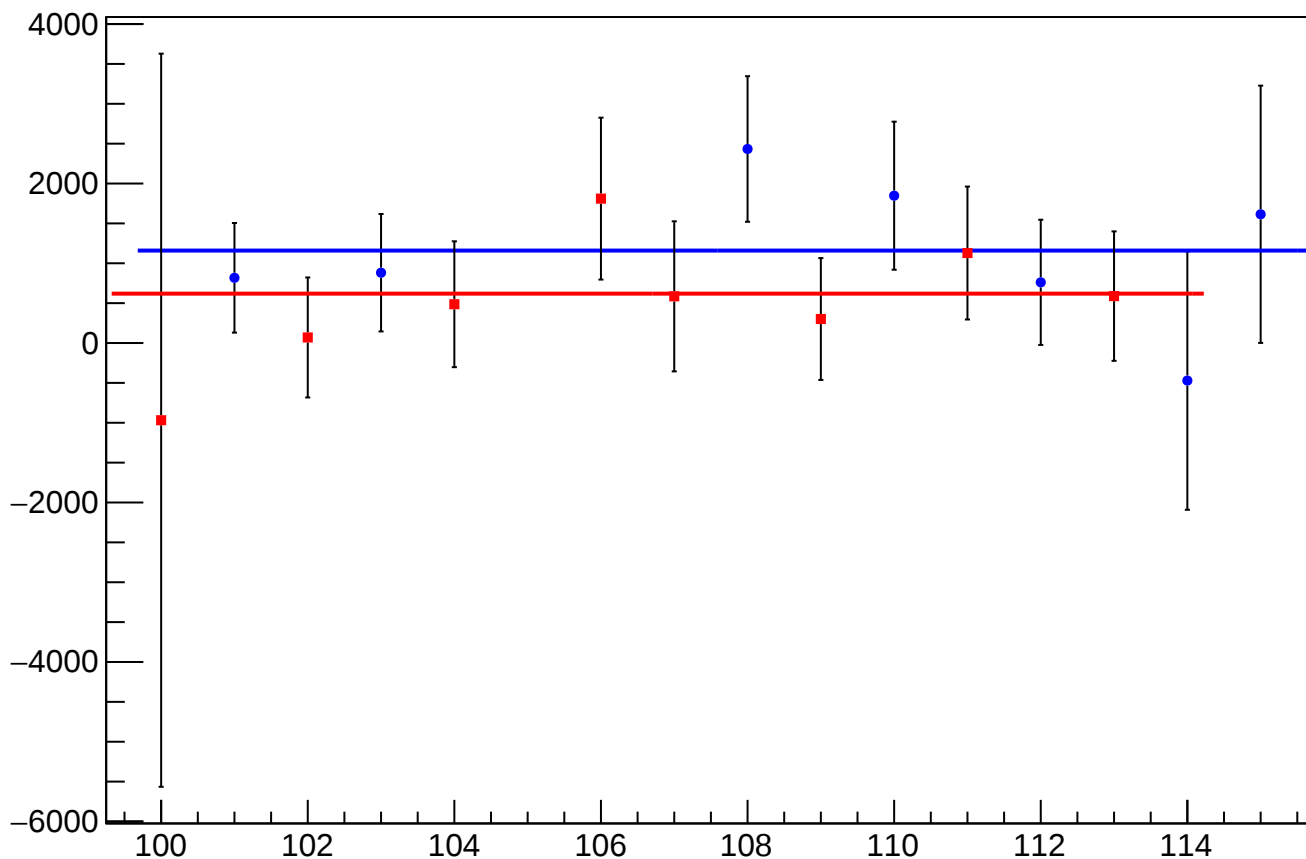
Right: 768.748+/-0.236 χ^2/NDF : 971991.1/14

In: 815.254+/-0.360 χ^2/NDF : 89121.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 768.748+/-0.236 χ^2/NDF : 971991.1/14

reg_asym_right_avg_mean vs Slug, Sign Corrected



Right In: 1159.381+/-338.865 χ^2/NDF : 4.2/6

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

Right Out: 619.264+/-313.272 χ^2/NDF : 2.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

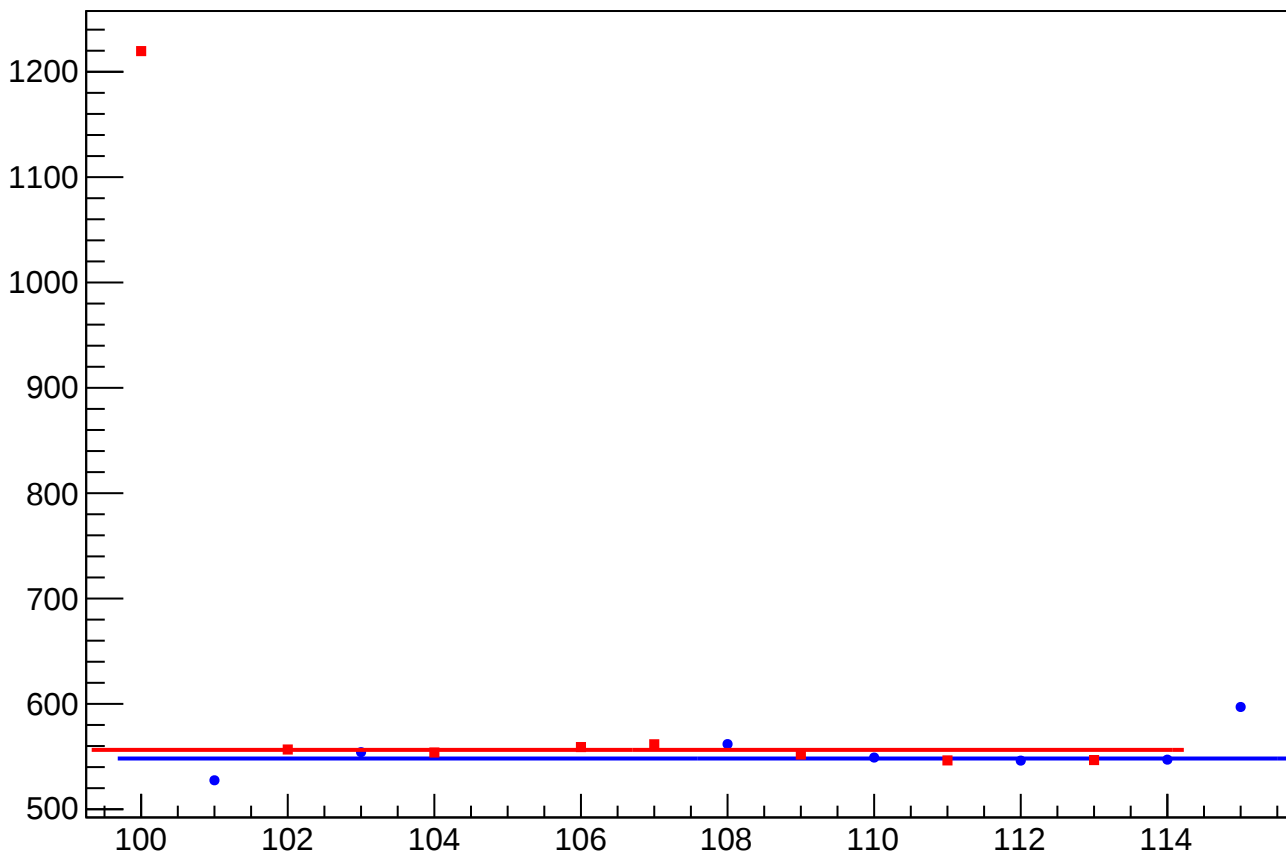
Right: 868.159+/-230.033 χ^2/NDF : 8.2/14

In: 1159.381+/-338.865 χ^2/NDF : 4.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 868.159+/-230.033 χ^2/NDF : 8.2/14

reg_asym_right_avg_rms vs Slug, Sign Corrected



Right In: 548.150+/-0.240 χ^2/NDF : 4247.1/6

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

Right Out: 556.343+/-0.222 χ^2/NDF : 42377.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

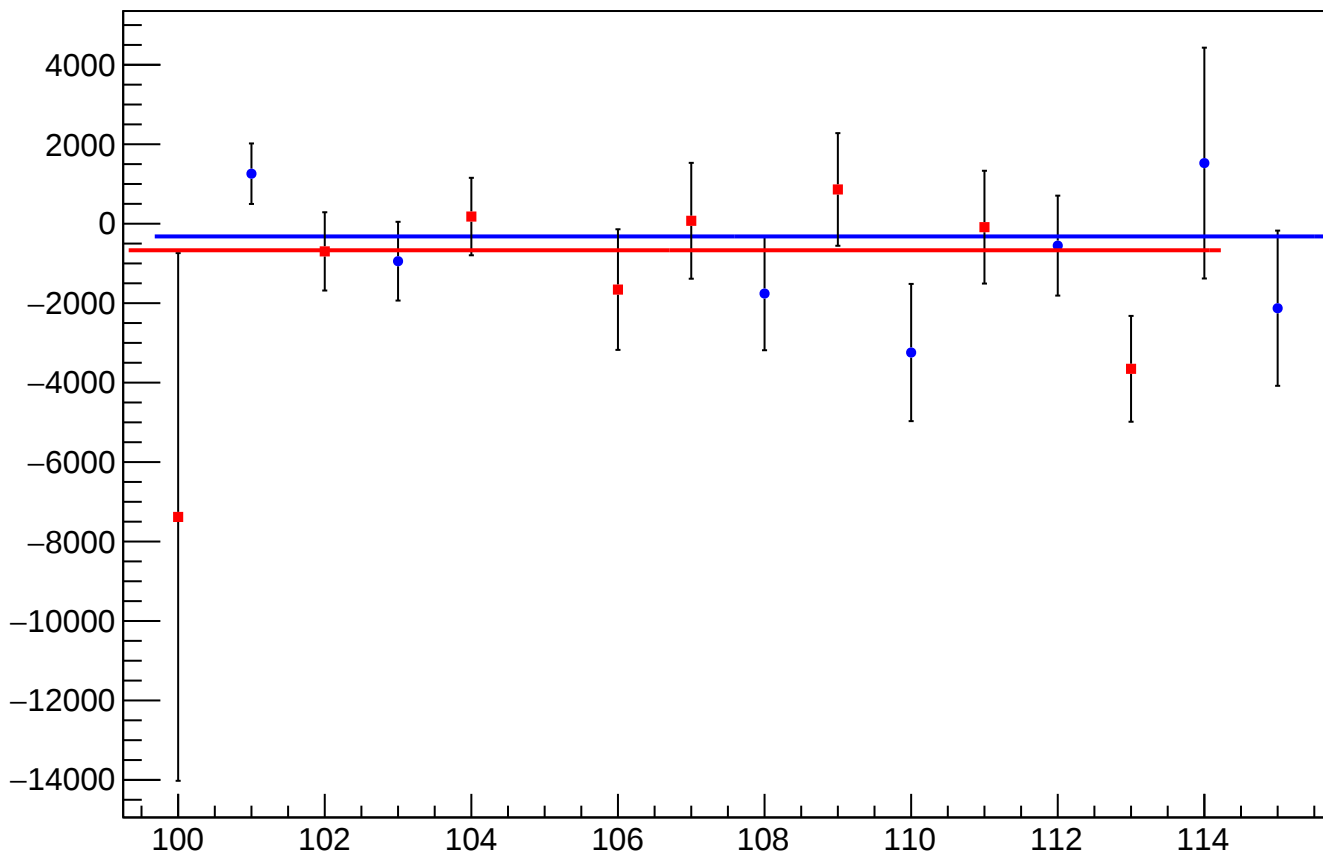
Right: 552.567+/-0.163 χ^2/NDF : 47254.6/14

In: 548.150+/-0.240 χ^2/NDF : 4247.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 552.567+/-0.163 χ^2/NDF : 47254.6/14

asym_right_avg_correction_mean vs Slug, Sign Corrected



Right In: -320.135+/-467.227 χ^2/NDF : 9.9/6

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

Right Out: -668.574+/-467.947 χ^2/NDF : 8.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

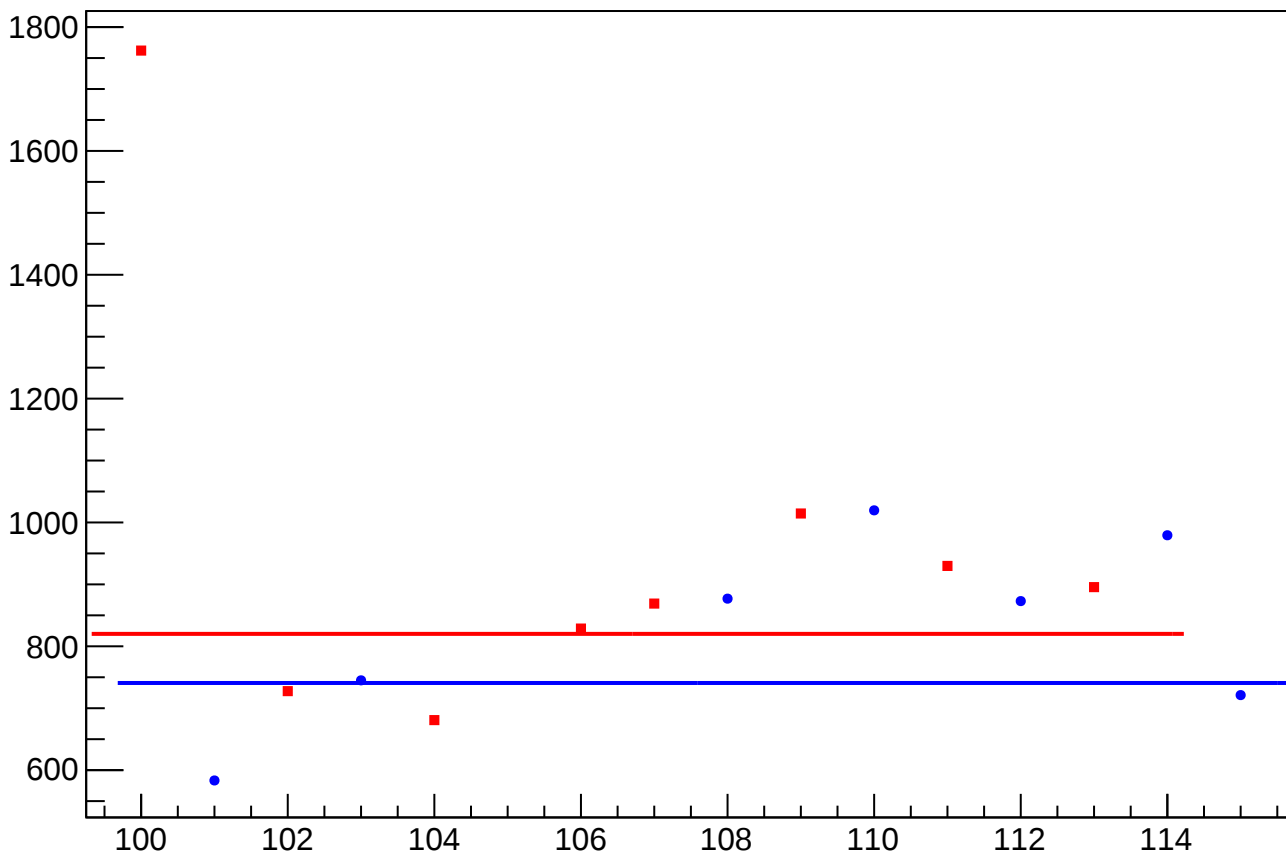
Right: -494.086+/-330.634 χ^2/NDF : 19.0/14

In: -320.135+/-467.227 χ^2/NDF : 9.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -494.086+/-330.634 χ^2/NDF : 19.0/14

asym_right_avg_correction_rms vs Slug, Sign Corrected



Right In: 740.781+/-0.330 χ^2/NDF : 191624.3/6

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

Right Out: 820.075+/-0.331 χ^2/NDF : 156956.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

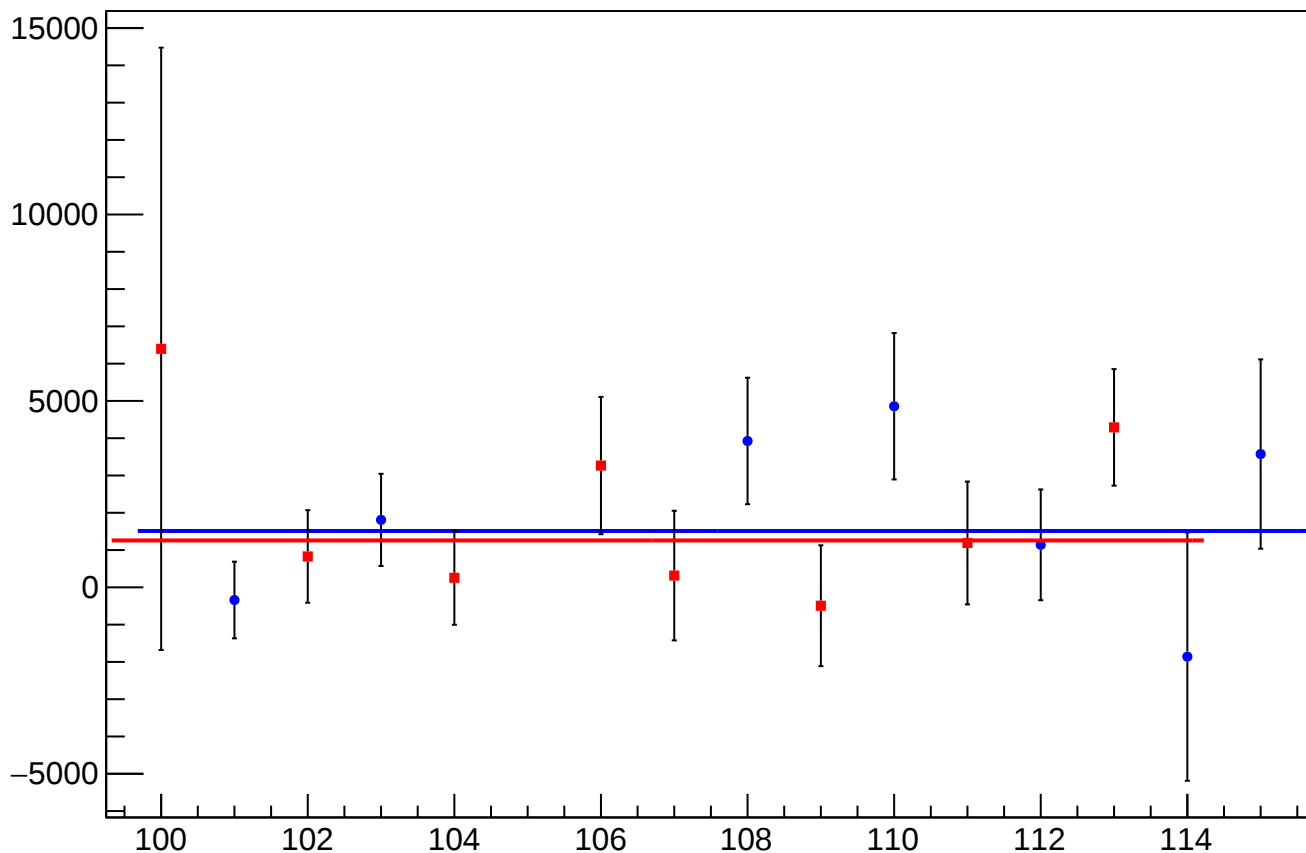
Right: 780.367+/-0.234 χ^2/NDF : 377338.4/14

In: 740.781+/-0.330 χ^2/NDF : 191624.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 780.367+/-0.234 χ^2/NDF : 377338.4/14

asym_right_avg_mean vs Slug, Sign Corrected



Right In: 1511.603+/-586.666 χ^2/NDF : 10.0/6

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

Right Out: 1258.351+/-569.906 χ^2/NDF : 7.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

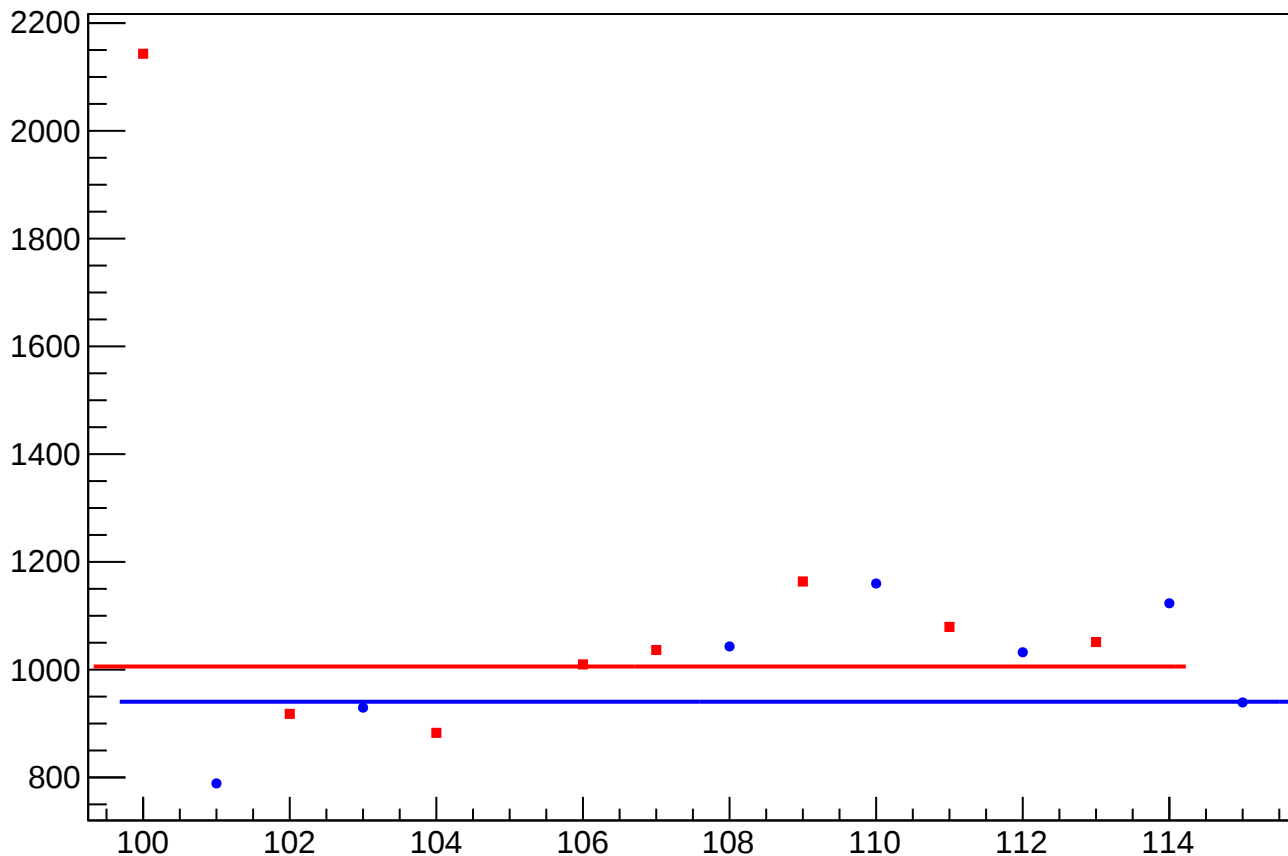
Right: 1381.308+/-408.781 χ^2/NDF : 17.6/14

In: 1511.603+/-586.666 χ^2/NDF : 10.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1381.308+/-408.781 χ^2/NDF : 17.6/14

asym_right_avg_rms vs Slug, Sign Corrected



Right In: 940.483+/-0.415 χ^2/NDF : 89552.7/6

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

Right Out: 1005.836+/-0.403 χ^2/NDF : 94040.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

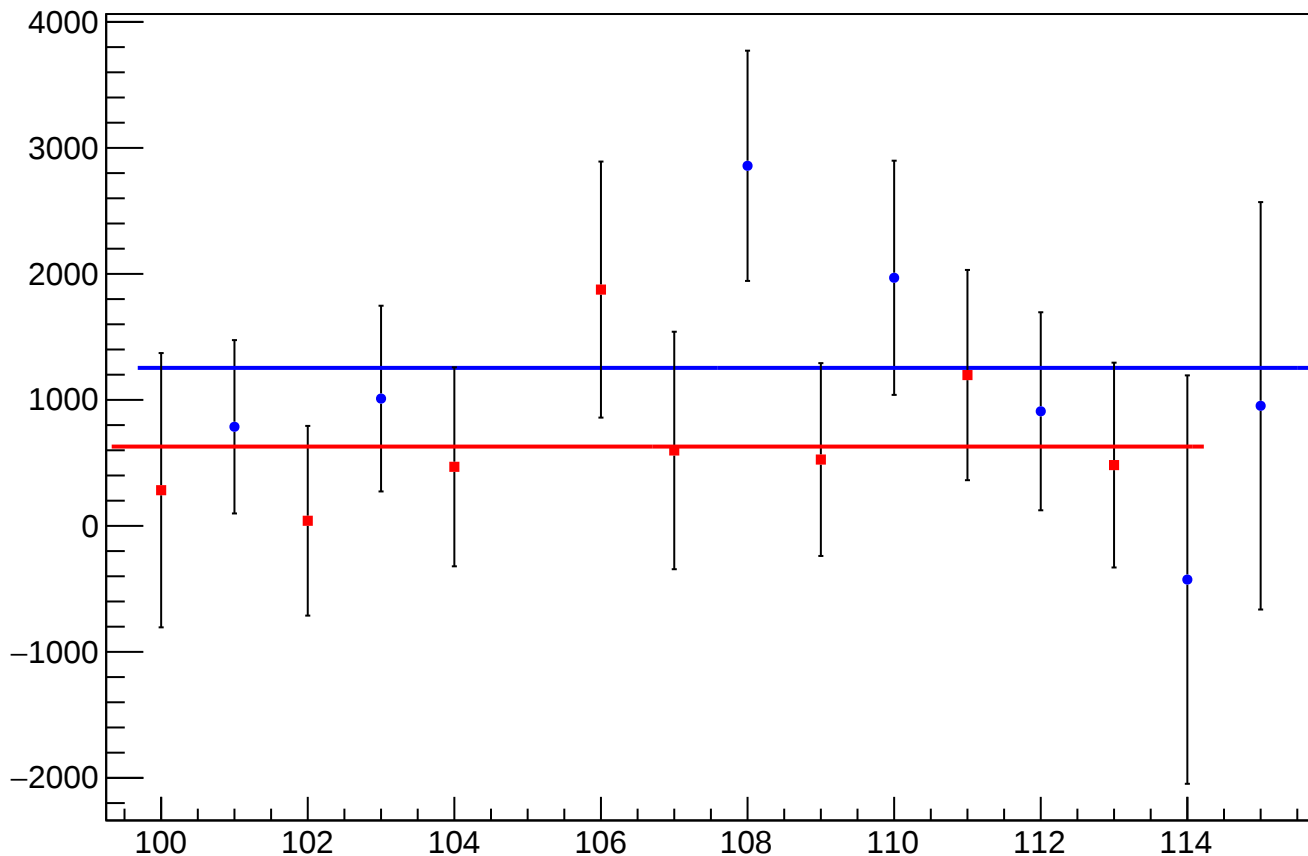
Right: 974.106+/-0.289 χ^2/NDF : 196362.2/14

In: 940.483+/-0.415 χ^2/NDF : 89552.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 974.106+/-0.289 χ^2/NDF : 196362.2/14

reg_asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1254.050 $\pm$ 339.189 χ^2 /NDF: 5.5/6

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

Right Out: 629.515 $\pm$ 302.008 χ^2 /NDF: 2.8/7

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

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

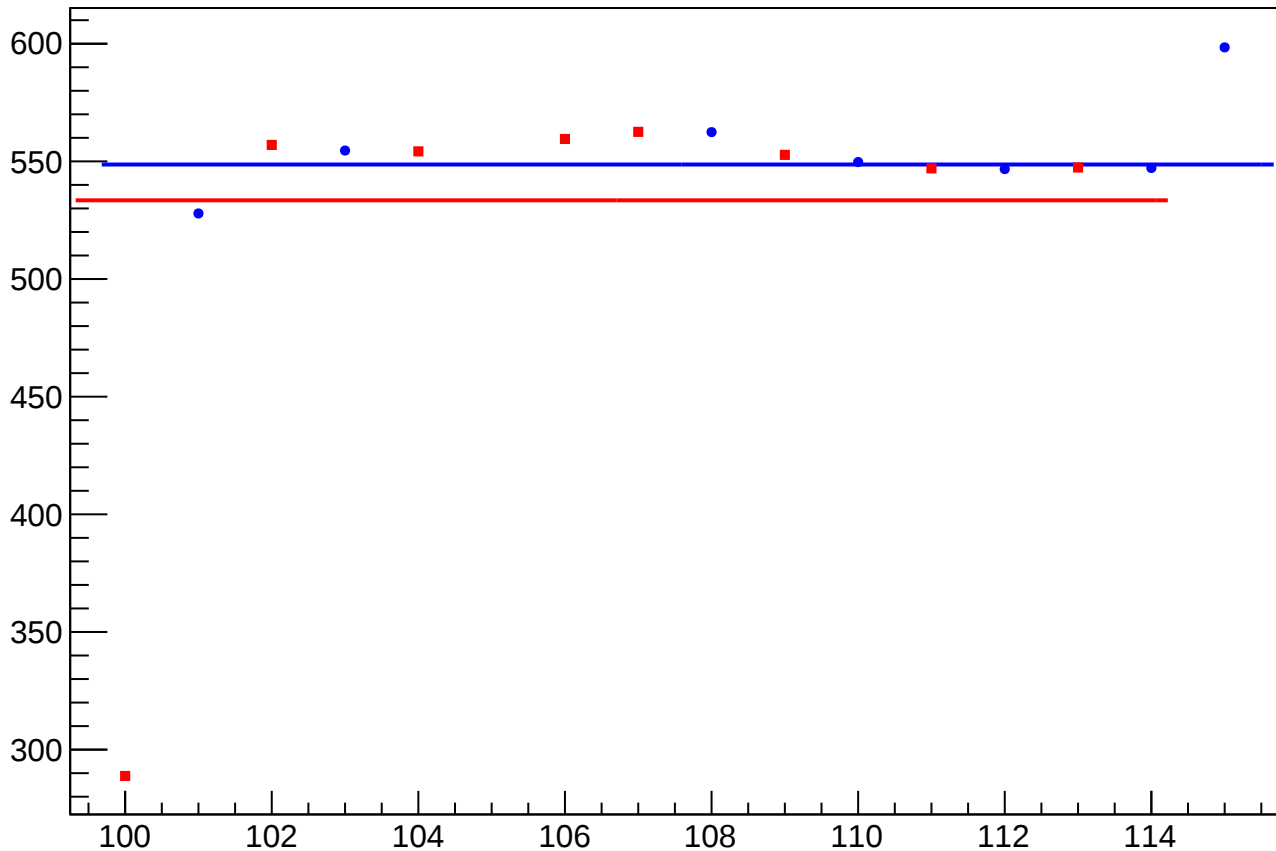
Right: 905.689 $\pm$ 225.556 χ^2 /NDF: 10.2/14

In: 1254.050 $\pm$ 339.189 χ^2 /NDF: 5.5/6

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

All: 905.689 $\pm$ 225.556 χ^2 /NDF: 10.2/14

reg_asym_right_dd_rms vs Slug, Sign Corrected



Right In: 548.671+/-0.240 χ^2/NDF : 4324.1/6

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

Right Out: 533.454+/-0.214 χ^2/NDF : 109990.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

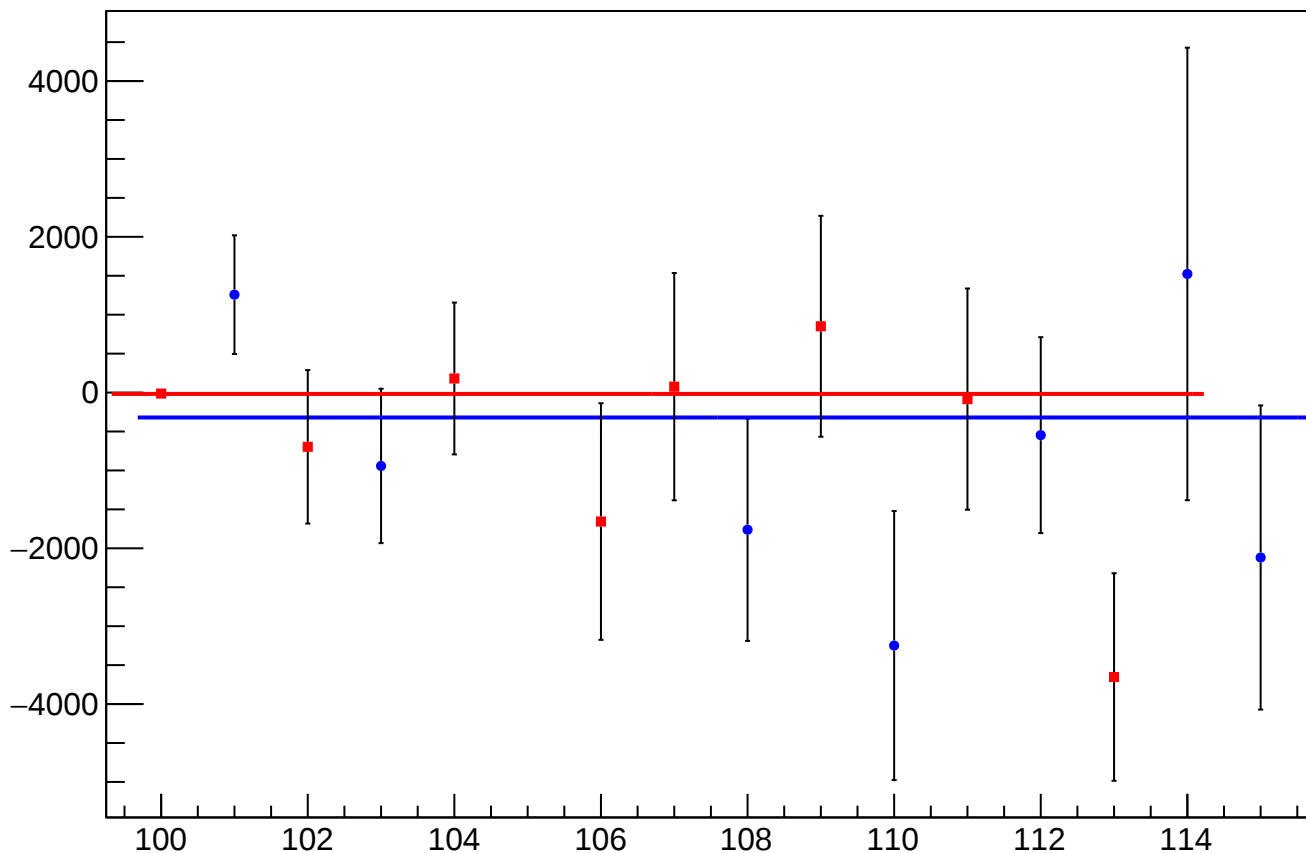
Right: 540.183+/-0.159 χ^2/NDF : 116559.2/14

In: 548.671+/-0.240 χ^2/NDF : 4324.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 540.183+/-0.159 χ^2/NDF : 116559.2/14

asym_right_dd_correction_mean vs Slug, Sign Corrected



Right In: -320.034+/-467.345 χ^2/NDF : 9.9/6

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

Right Out: -17.320+/-39.087 χ^2/NDF : 9.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

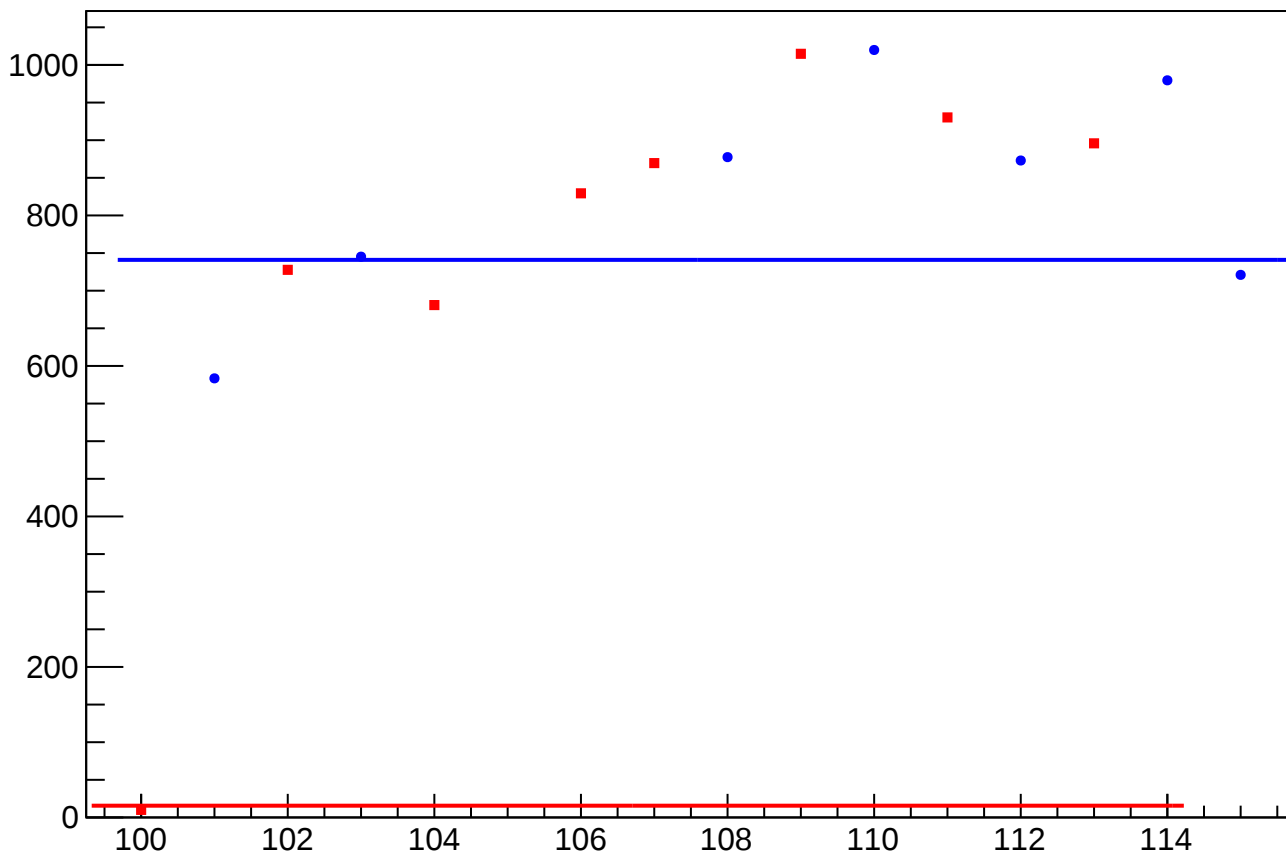
Right: -19.422+/-38.951 χ^2/NDF : 19.8/14

In: -320.034+/-467.345 χ^2/NDF : 9.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.422+/-38.951 χ^2/NDF : 19.8/14

asym_right_dd_correction_rms vs Slug, Sign Corrected



Right In: 740.968 $\pm$ 0.330 χ^2 /NDF: 191618.2/6

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

Right Out: 15.633 $\pm$ 0.028 χ^2 /NDF: 5969895.1/7

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

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

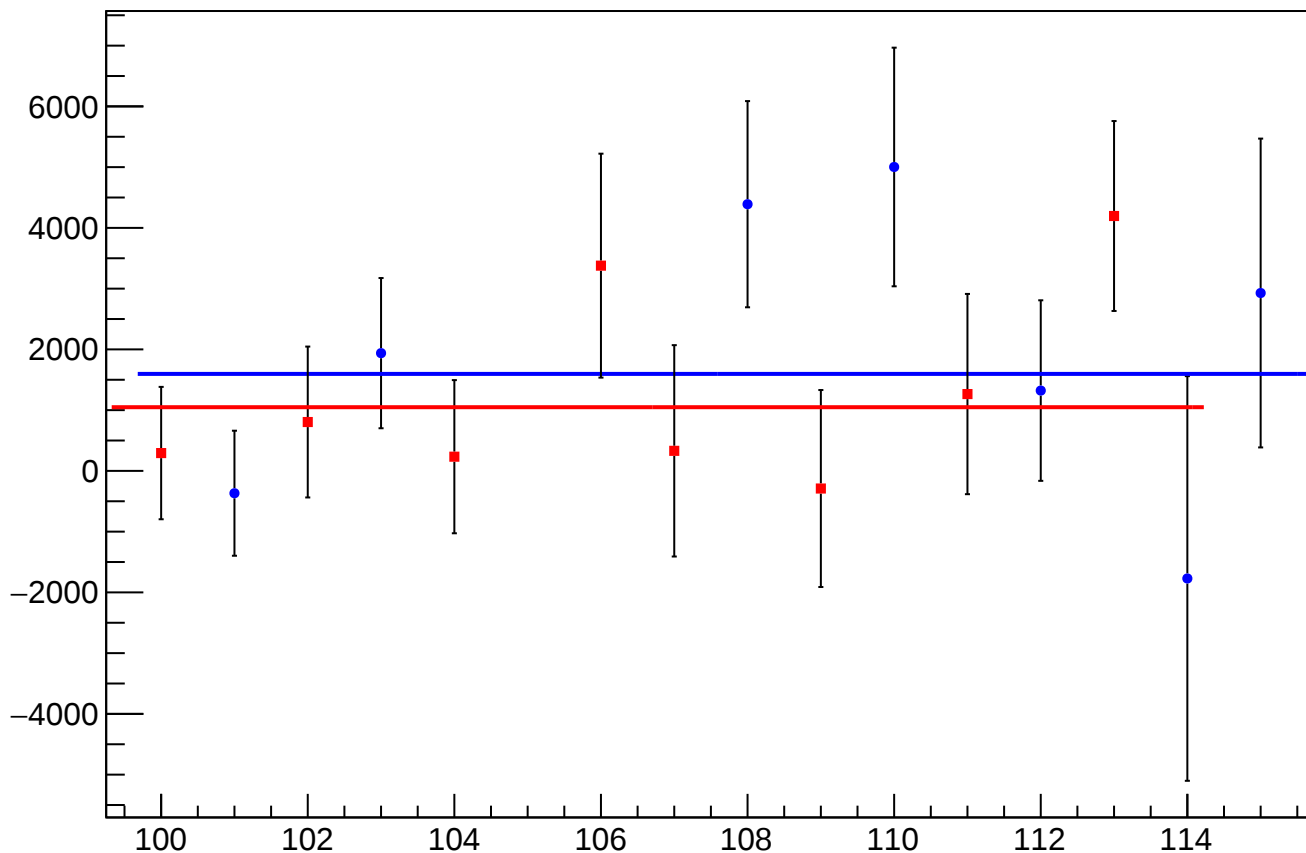
Right: 20.671 $\pm$ 0.028 χ^2 /NDF: 10945665.6/14

In: 740.968 $\pm$ 0.330 χ^2 /NDF:191618.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 20.671 $\pm$ 0.028 χ^2 /NDF: 10945665.6/14

asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1596.463 $\pm$ 586.957 χ^2 /NDF: 10.8/6

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

Right Out: 1048.306 $\pm$ 506.191 χ^2 /NDF: 7.5/7

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

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

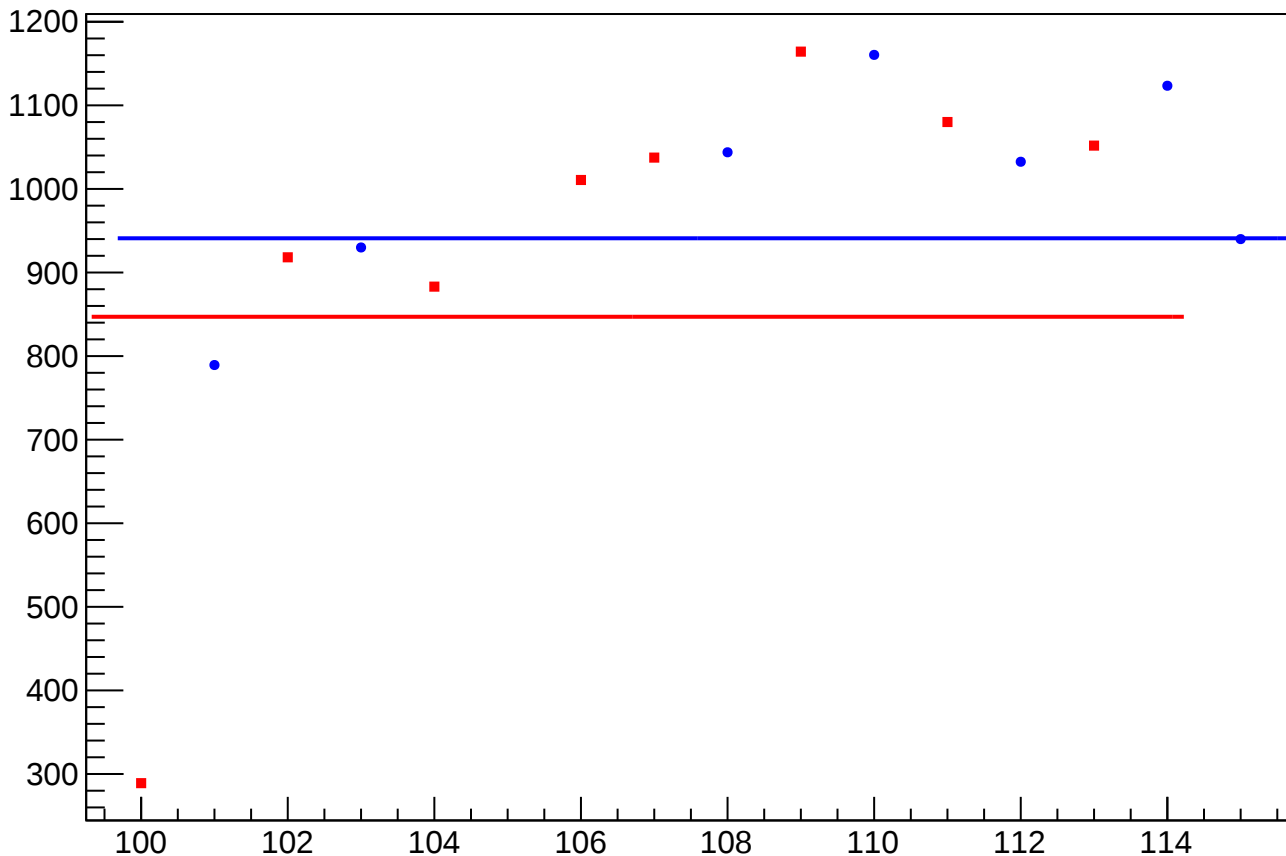
Right: 1282.105 $\pm$ 383.332 χ^2 /NDF: 18.7/14

In: 1596.463 $\pm$ 586.957 χ^2 /NDF: 10.8/6

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

All: 1282.105 $\pm$ 383.332 χ^2 /NDF: 18.7/14

asym_right_dd_rms vs Slug, Sign Corrected



Right In: 940.955 $\pm$ 0.415 χ^2 /NDF: 89499.3/6

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

Right Out: 847.051 $\pm$ 0.358 χ^2 /NDF: 723507.1/7

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

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

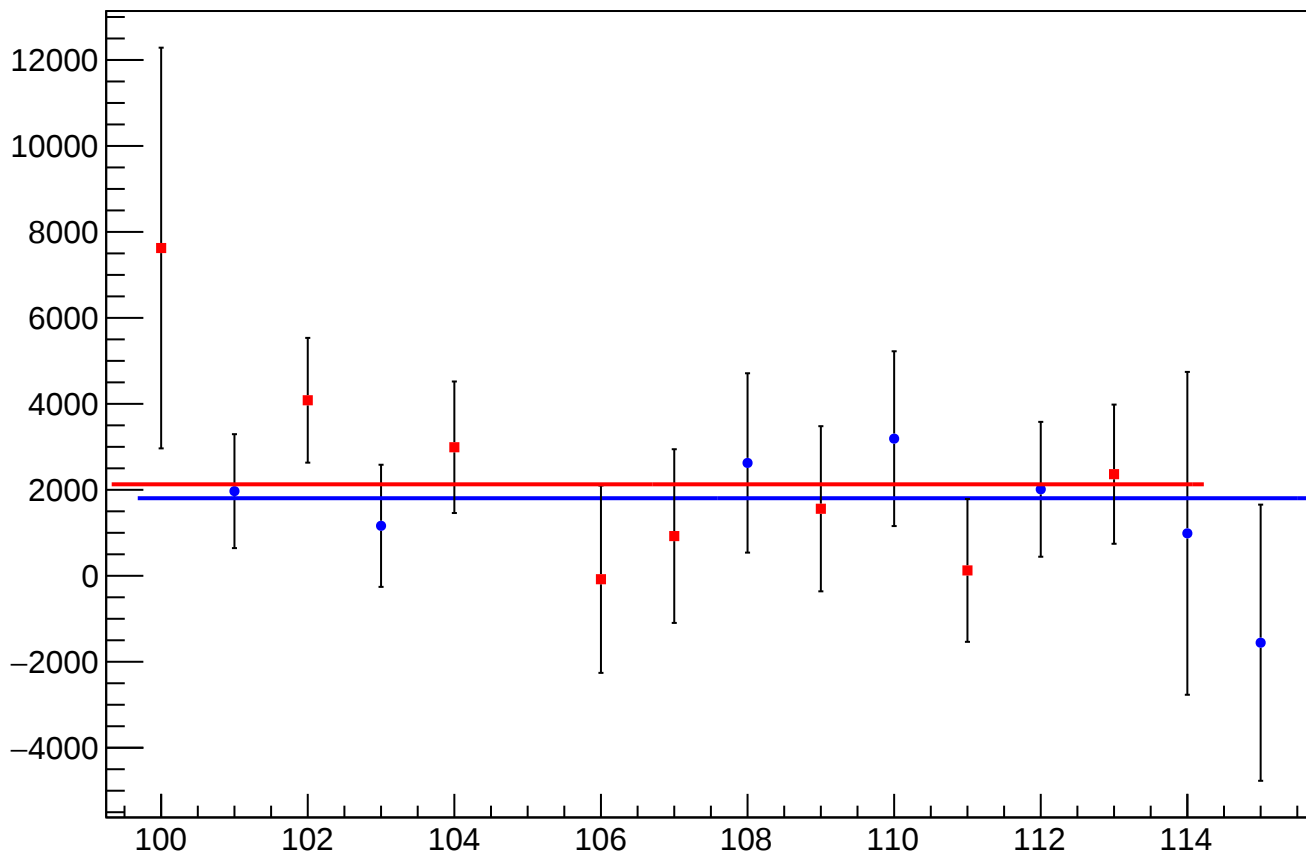
Right: 887.102 $\pm$ 0.271 χ^2 /NDF: 842363.0/14

In: 940.955 $\pm$ 0.415 χ^2 /NDF:89499.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 887.102 $\pm$ 0.271 χ^2 /NDF: 842363.0/14

cor_usl_mean vs Slug, Sign Corrected



Right In: 1804.763+/-688.318 χ^2/NDF : 2.0/6

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

Right Out: 2128.327+/-643.039 χ^2/NDF : 6.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

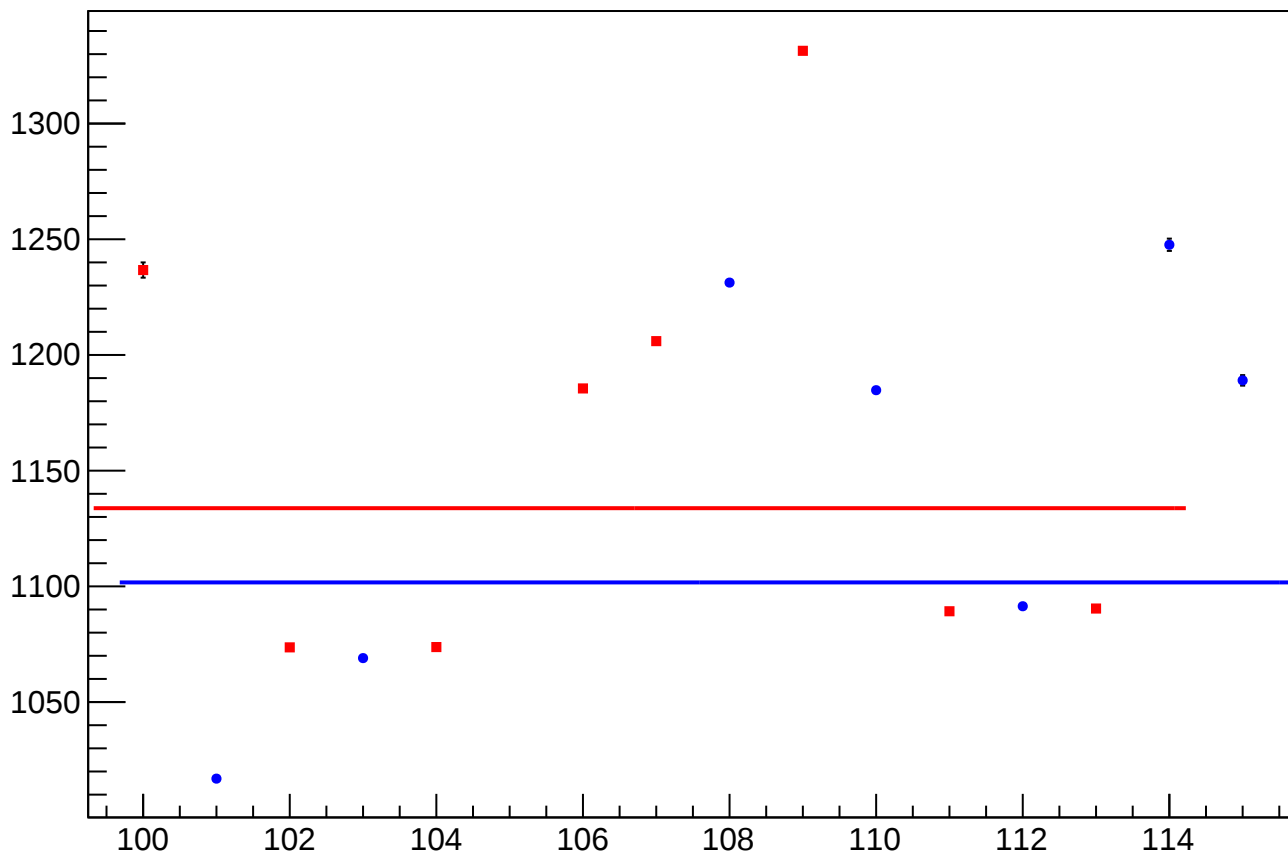
Right: 1977.536+/-469.890 χ^2/NDF : 8.6/14

In: 1804.763+/-688.318 χ^2/NDF : 2.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1977.536+/-469.890 χ^2/NDF : 8.6/14

cor_usl_rms vs Slug, Sign Corrected



Right In: 1101.709+/-0.487 χ^2/NDF : 24883.4/6

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

Right Out: 1133.788+/-0.455 χ^2/NDF : 35213.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

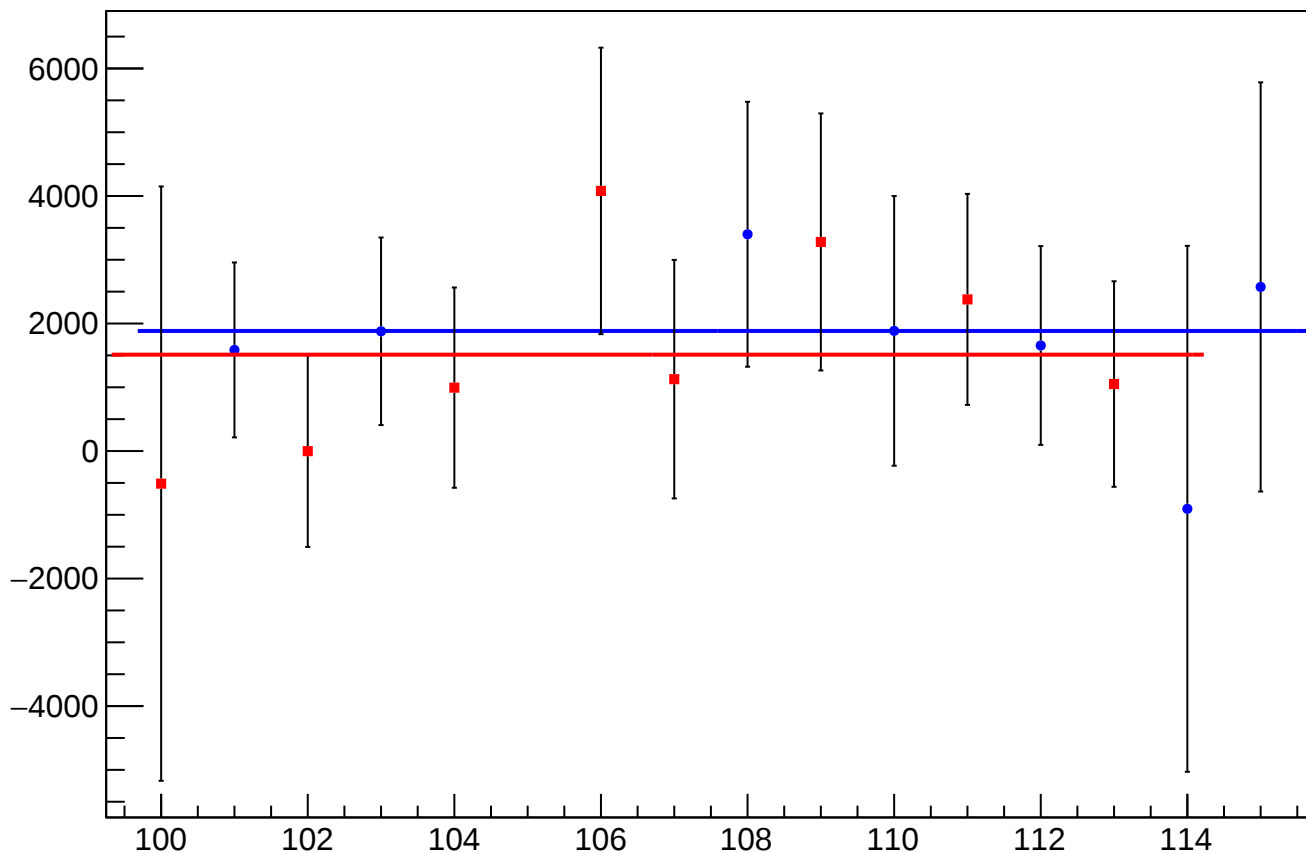
Right: 1118.838+/-0.332 χ^2/NDF : 62416.5/14

In: 1101.709+/-0.487 χ^2/NDF : 24883.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1118.838+/-0.332 χ^2/NDF : 62416.5/14

cor_usr_mean vs Slug, Sign Corrected



Right In: 1883.562 $\pm$ 704.190 χ^2 /NDF: 1.1/6

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

Right Out: 1511.736 $\pm$ 648.951 χ^2 /NDF: 3.8/7

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

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

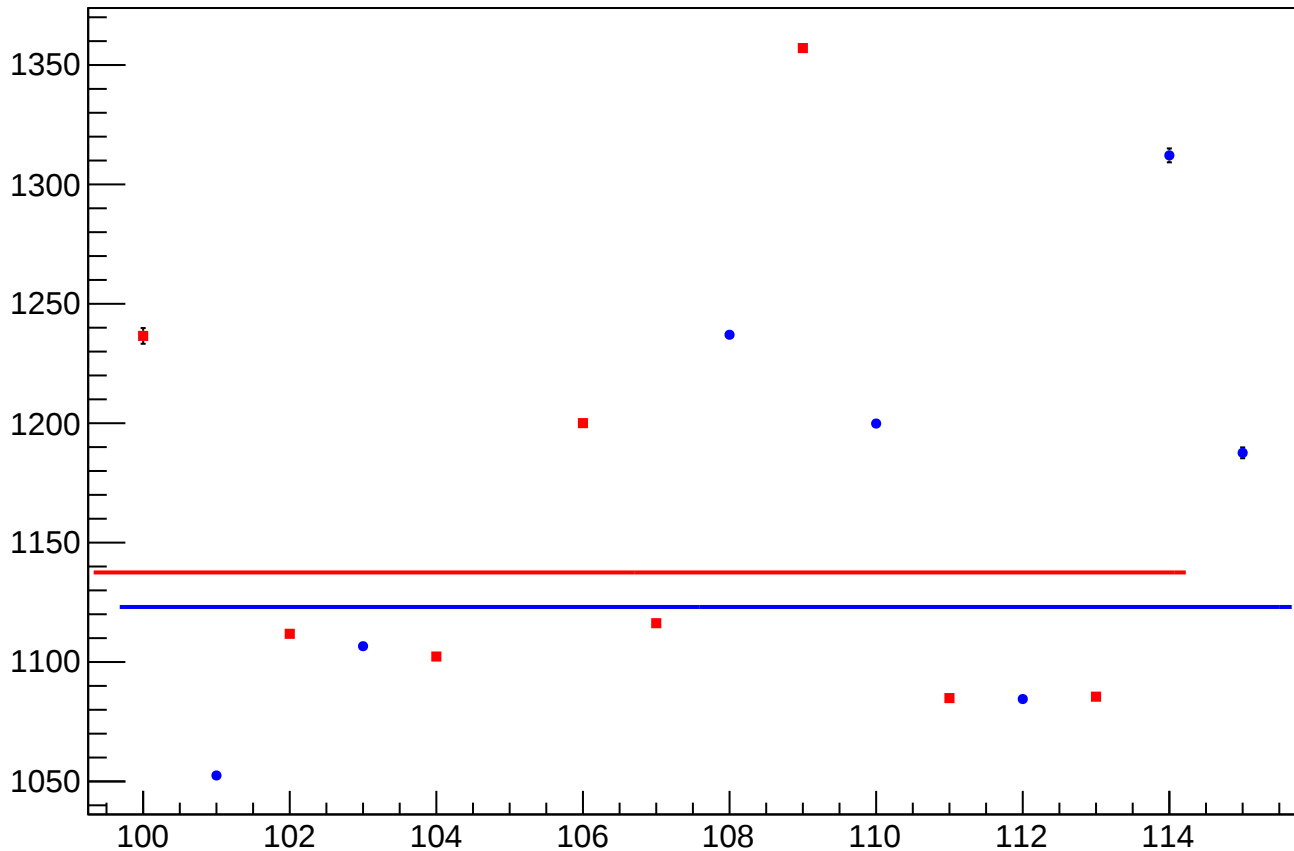
Right: 1682.495 $\pm$ 477.213 χ^2 /NDF: 5.0/14

In: 1883.562 $\pm$ 704.190 χ^2 /NDF:1.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1682.495 $\pm$ 477.213 χ^2 /NDF: 5.0/14

cor_usr_rms vs Slug, Sign Corrected



Right In: 1123.053+/-0.498 χ^2/NDF : 20438.9/6

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

Right Out: 1137.512+/-0.459 χ^2/NDF : 32134.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

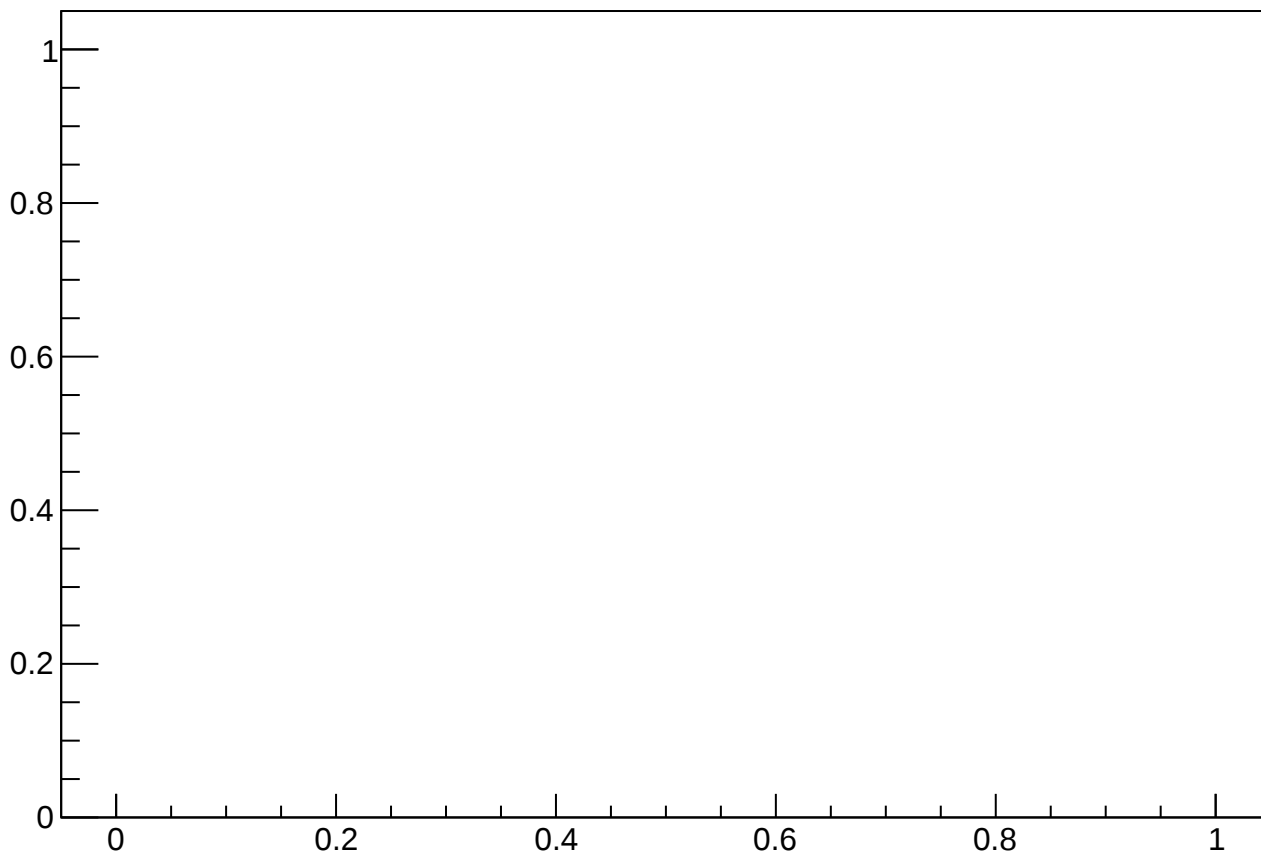
Right: 1130.872+/-0.337 χ^2/NDF : 53029.1/14

In: 1123.053+/-0.498 χ^2/NDF : 20438.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1130.872+/-0.337 χ^2/NDF : 53029.1/14

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

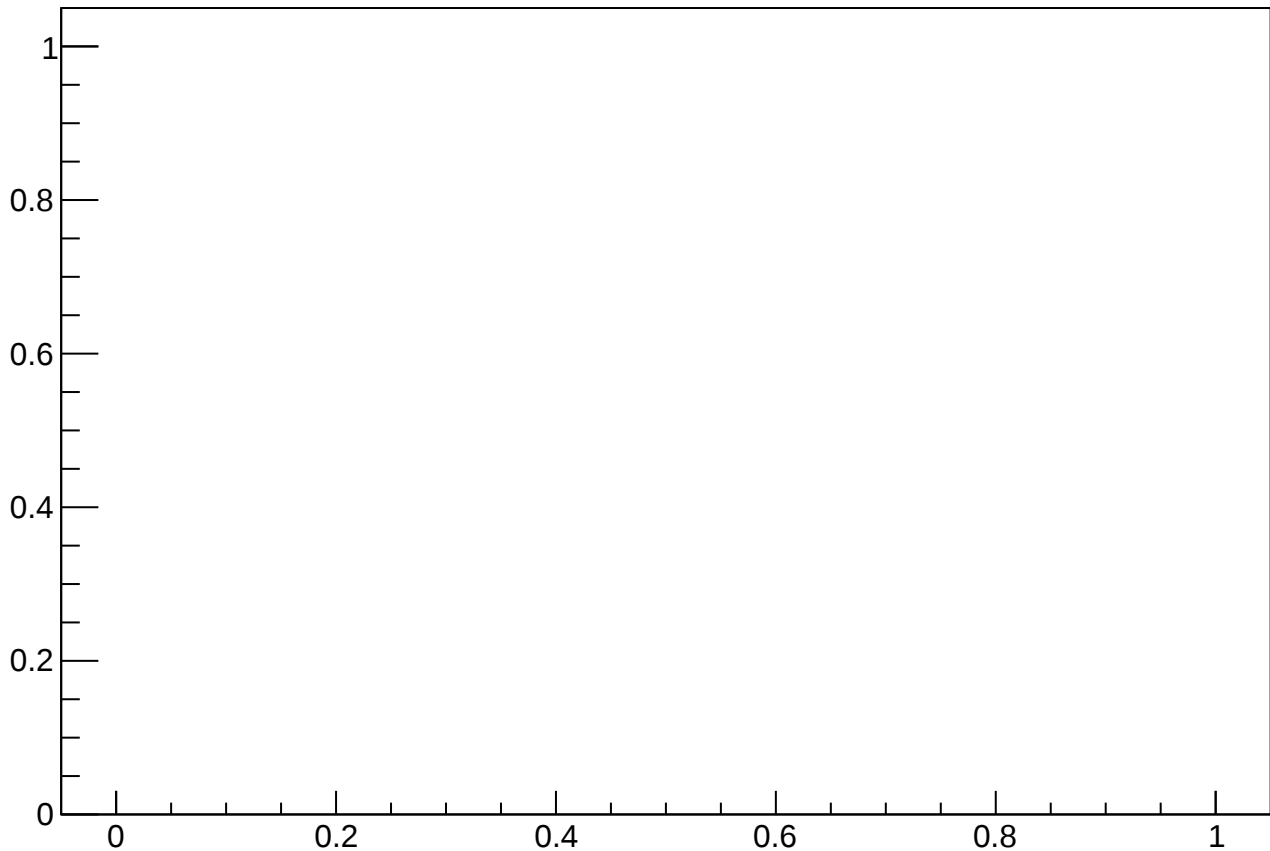
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

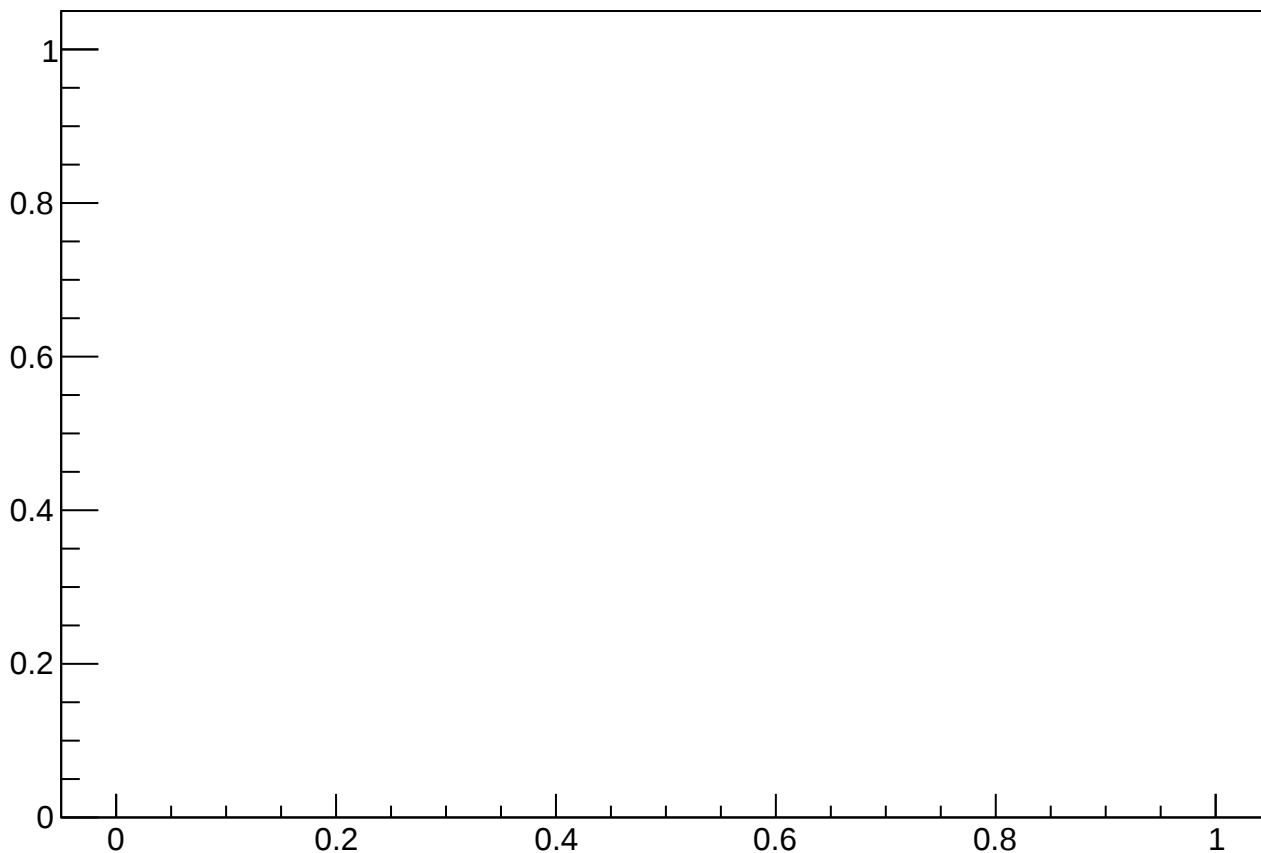
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

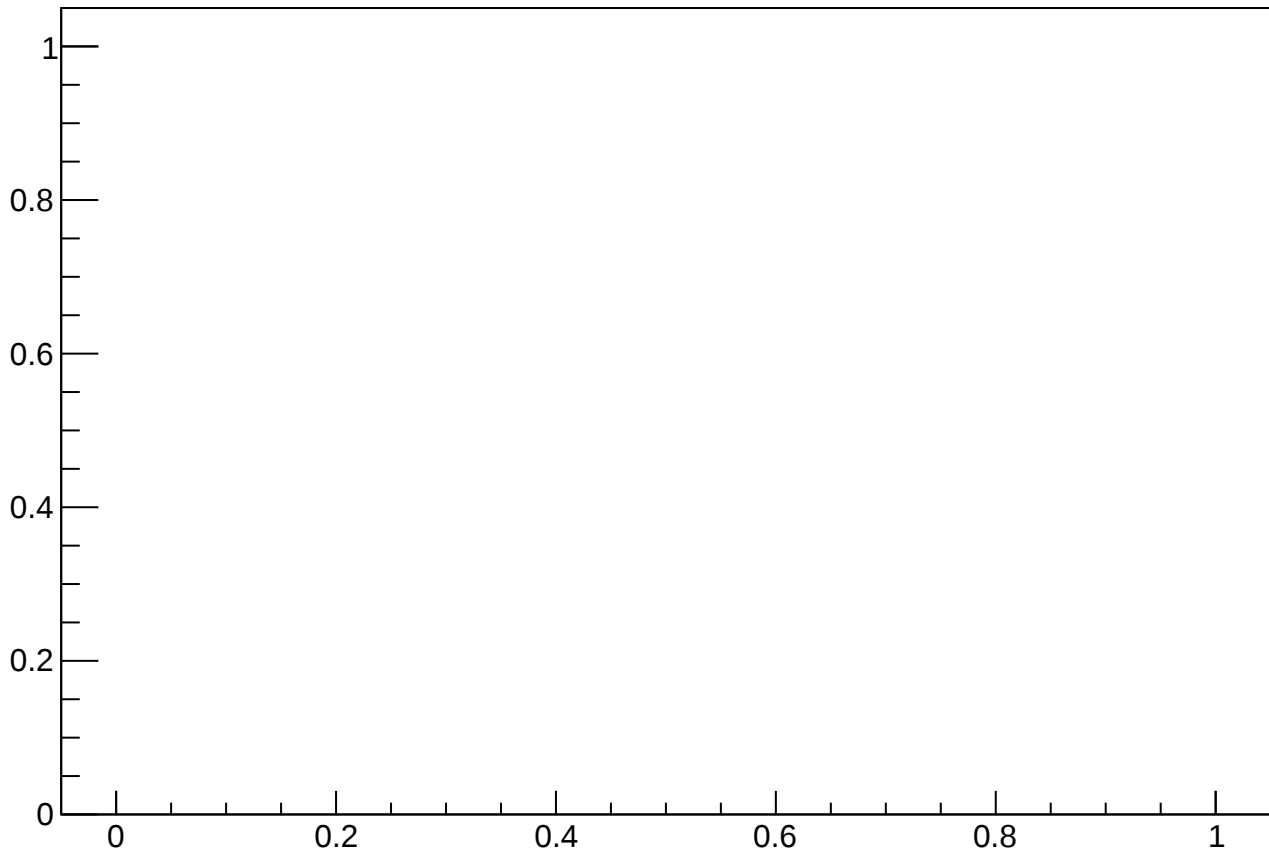
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

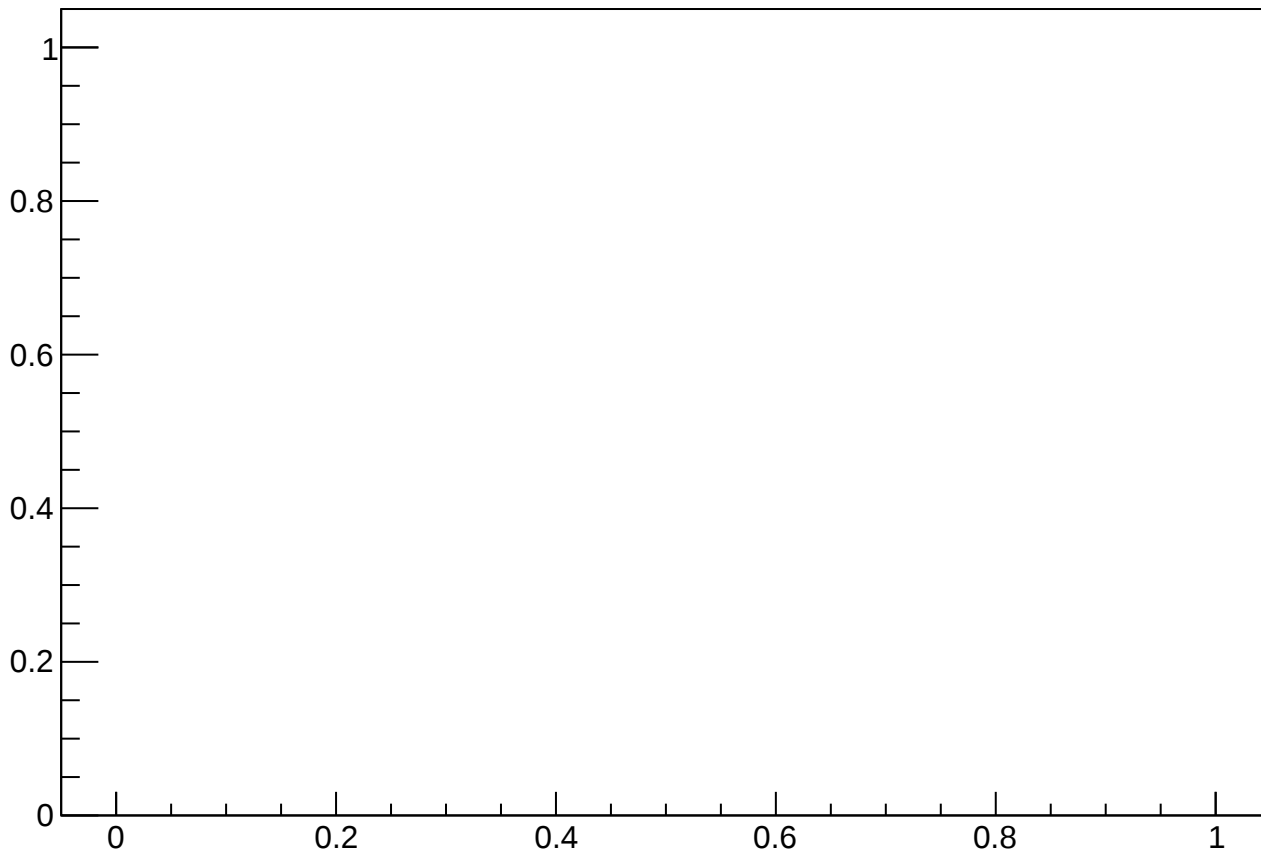
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

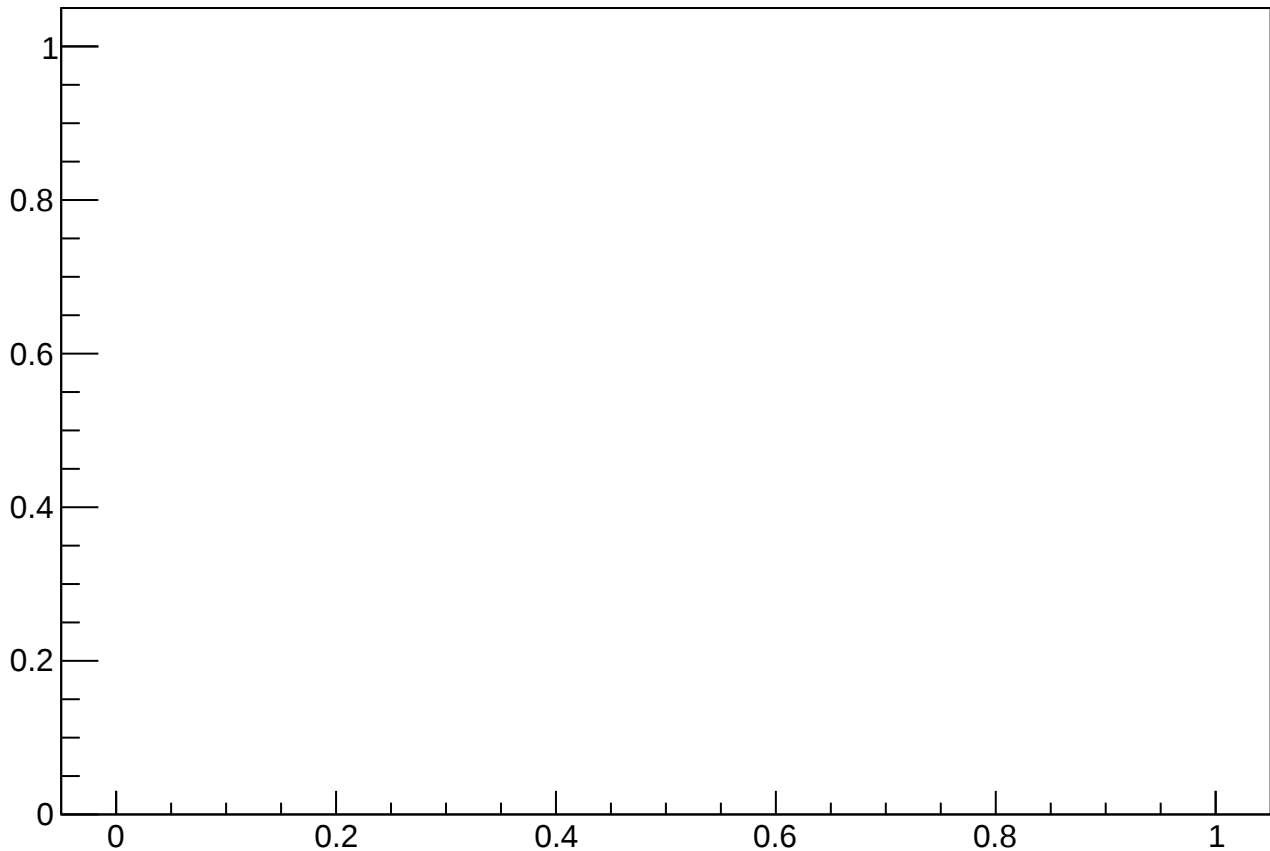
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

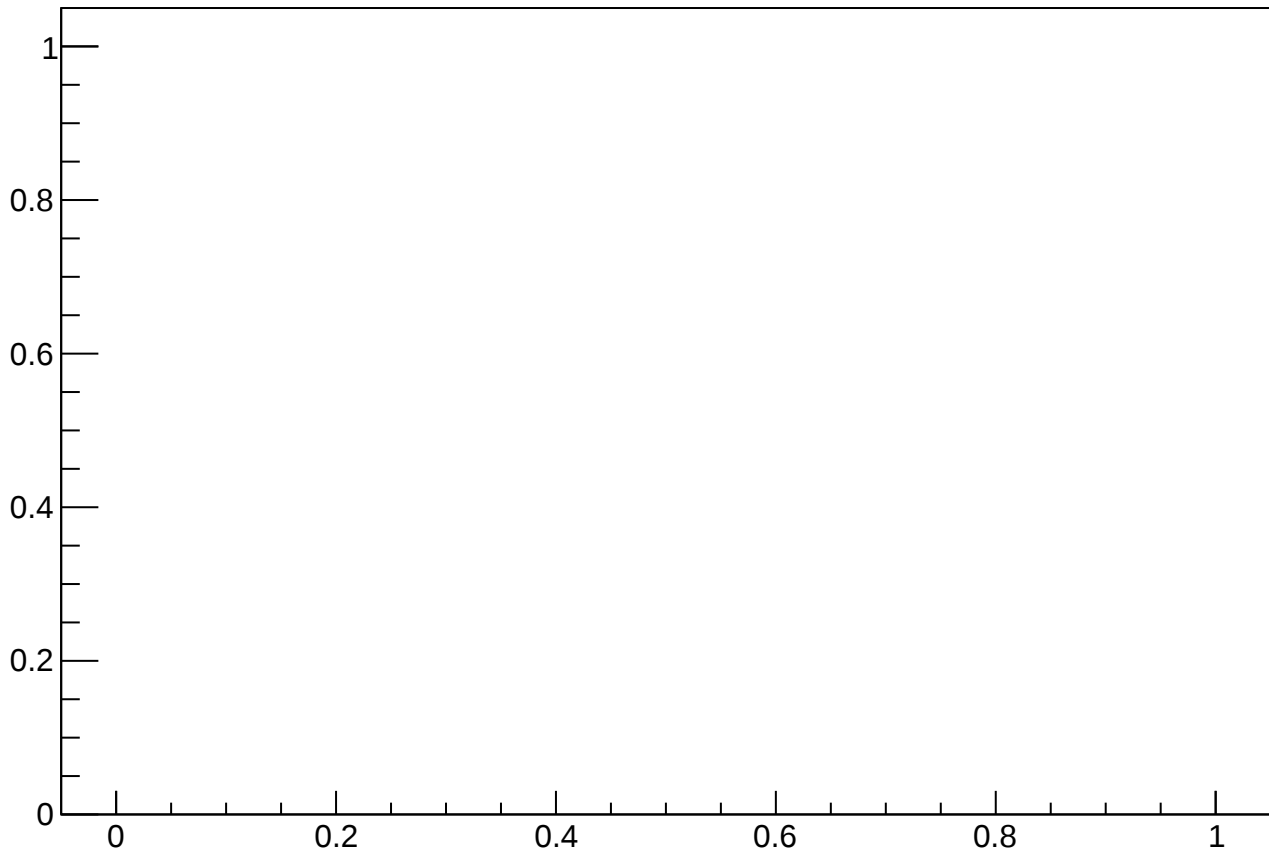
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

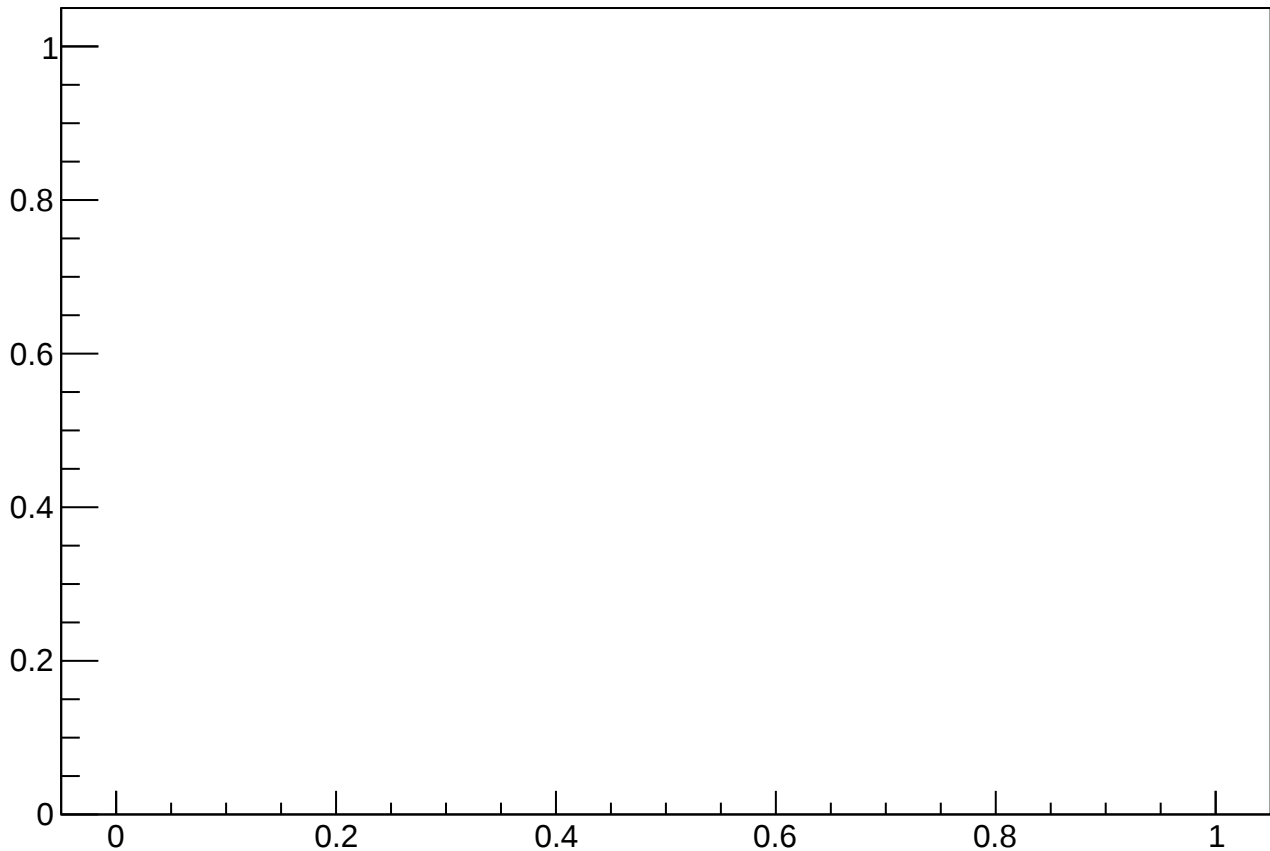
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

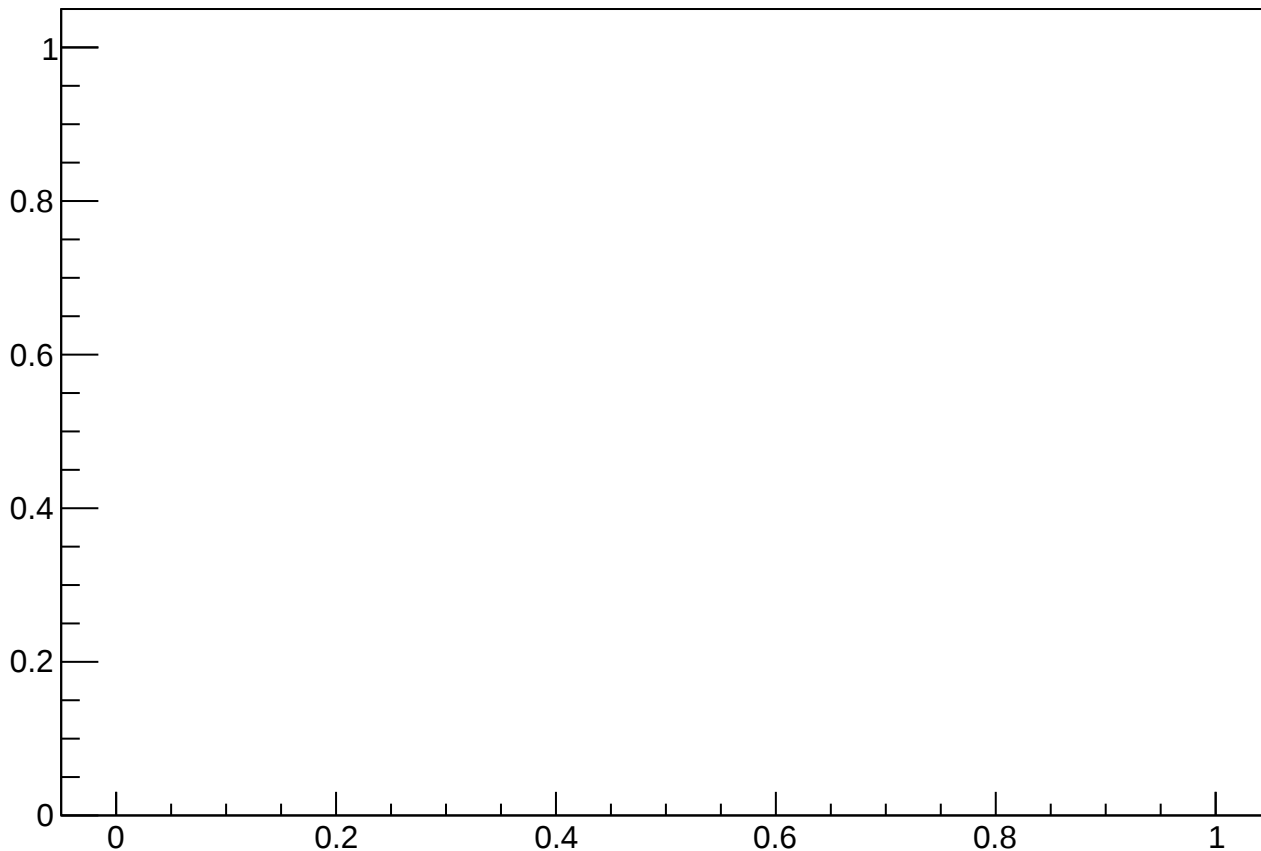
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

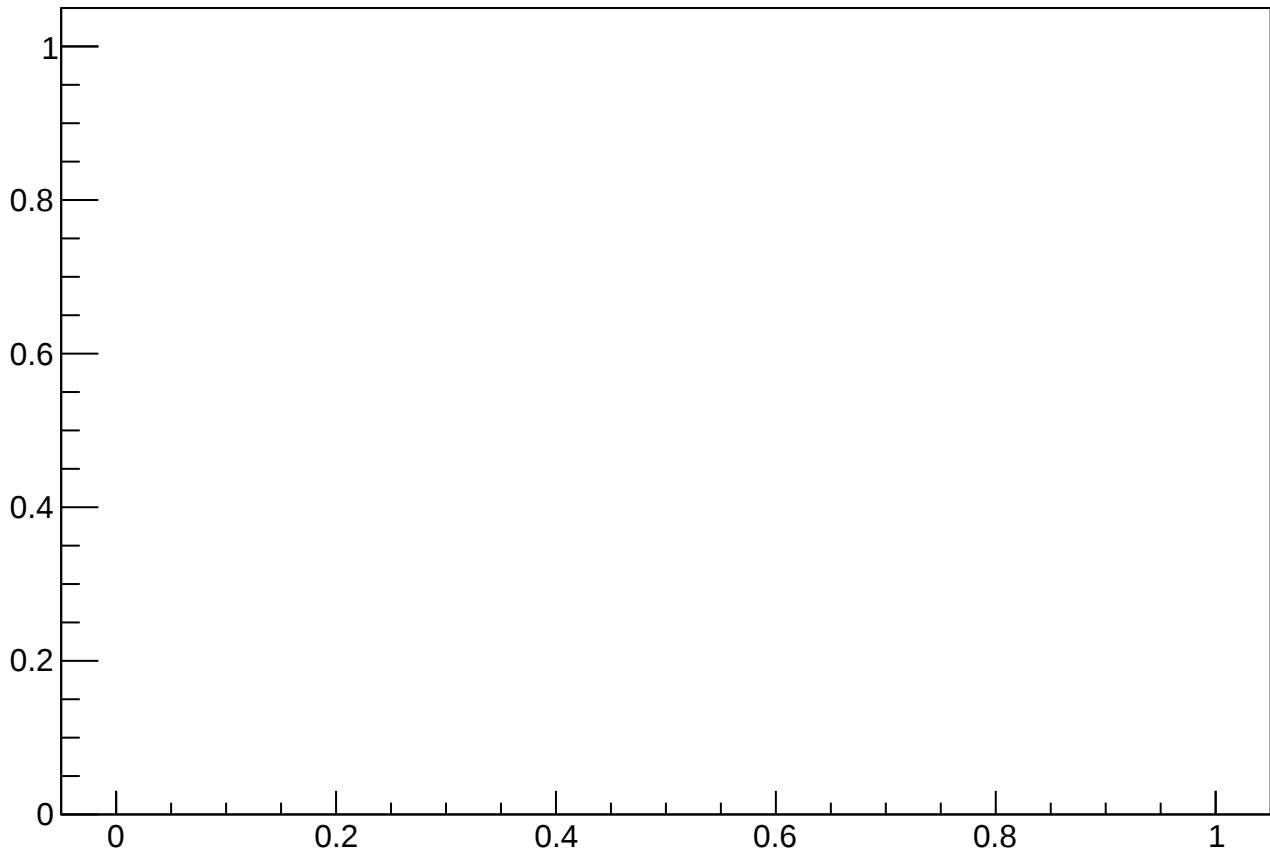
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

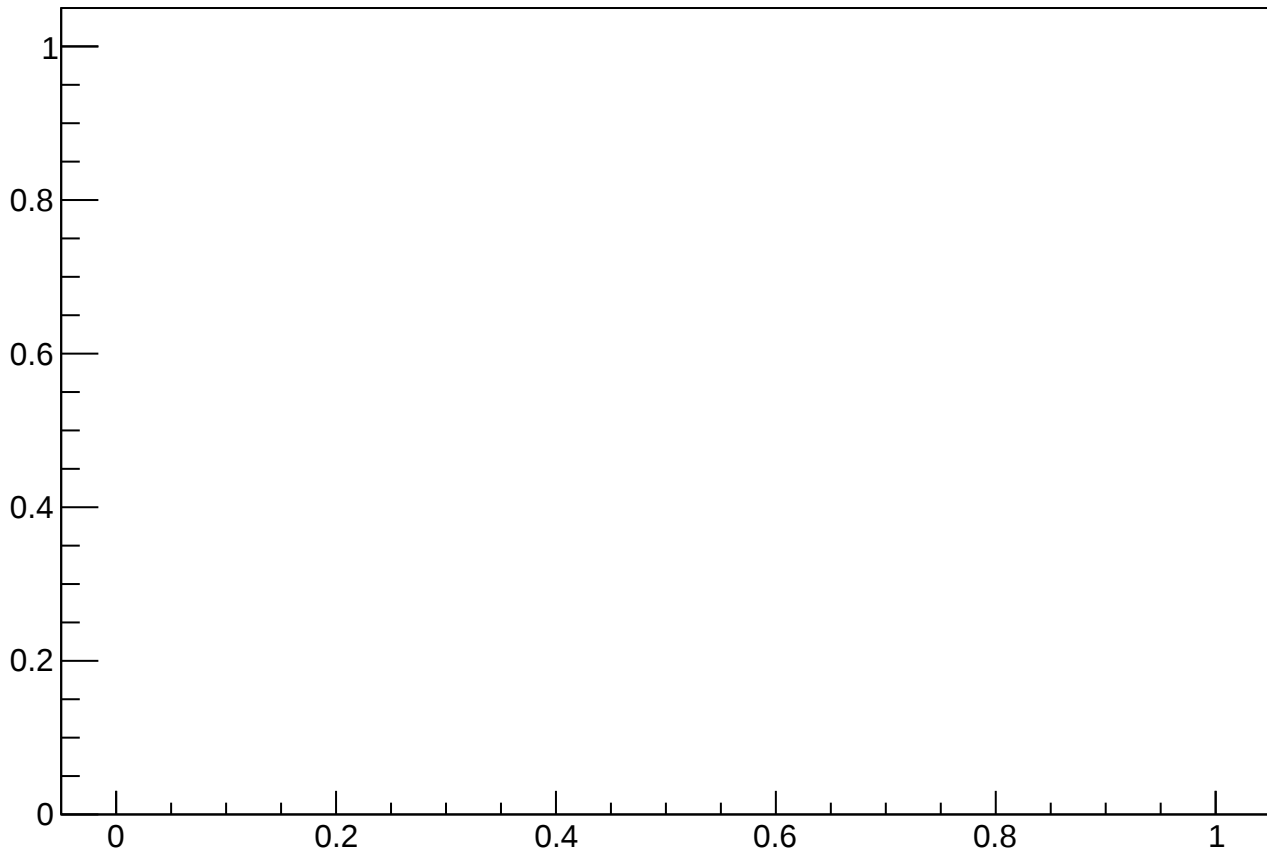
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

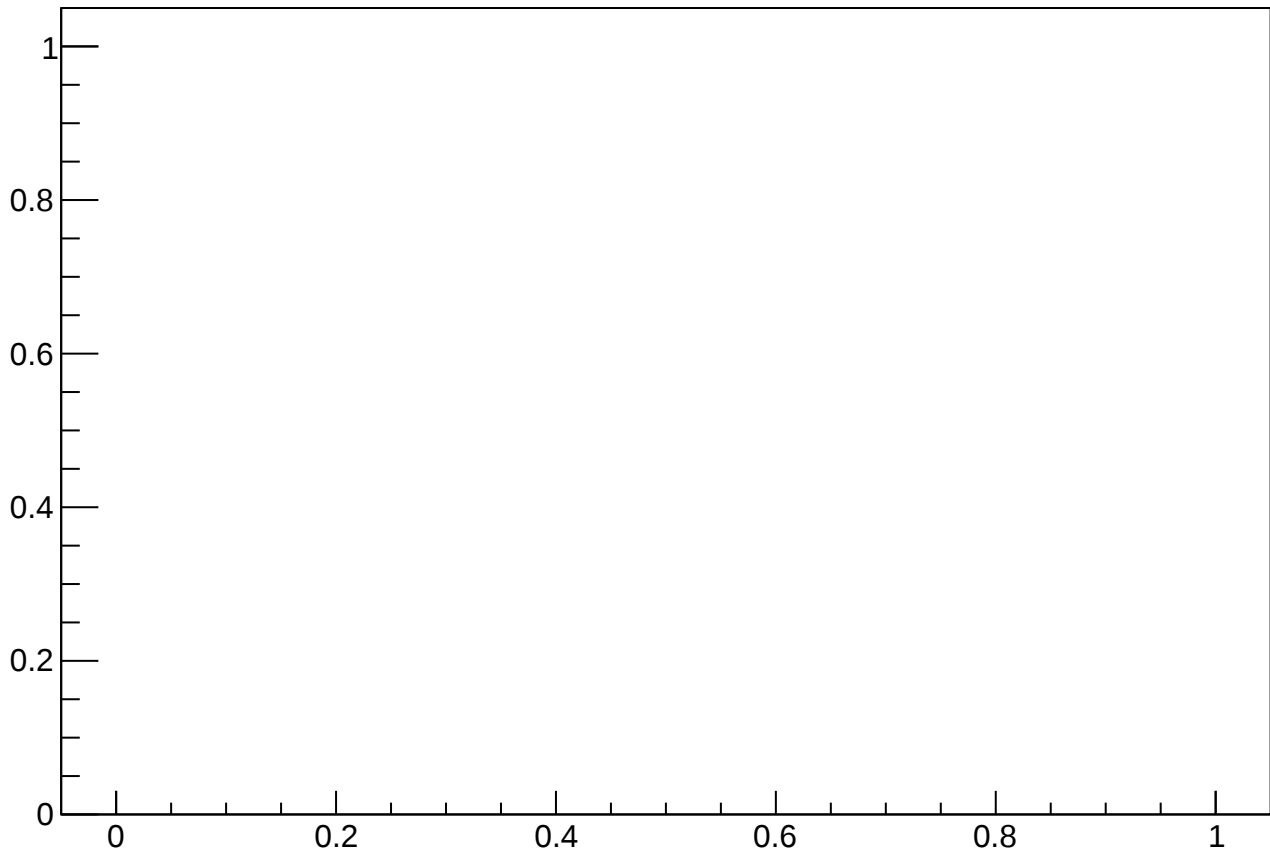
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_ds_dd_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

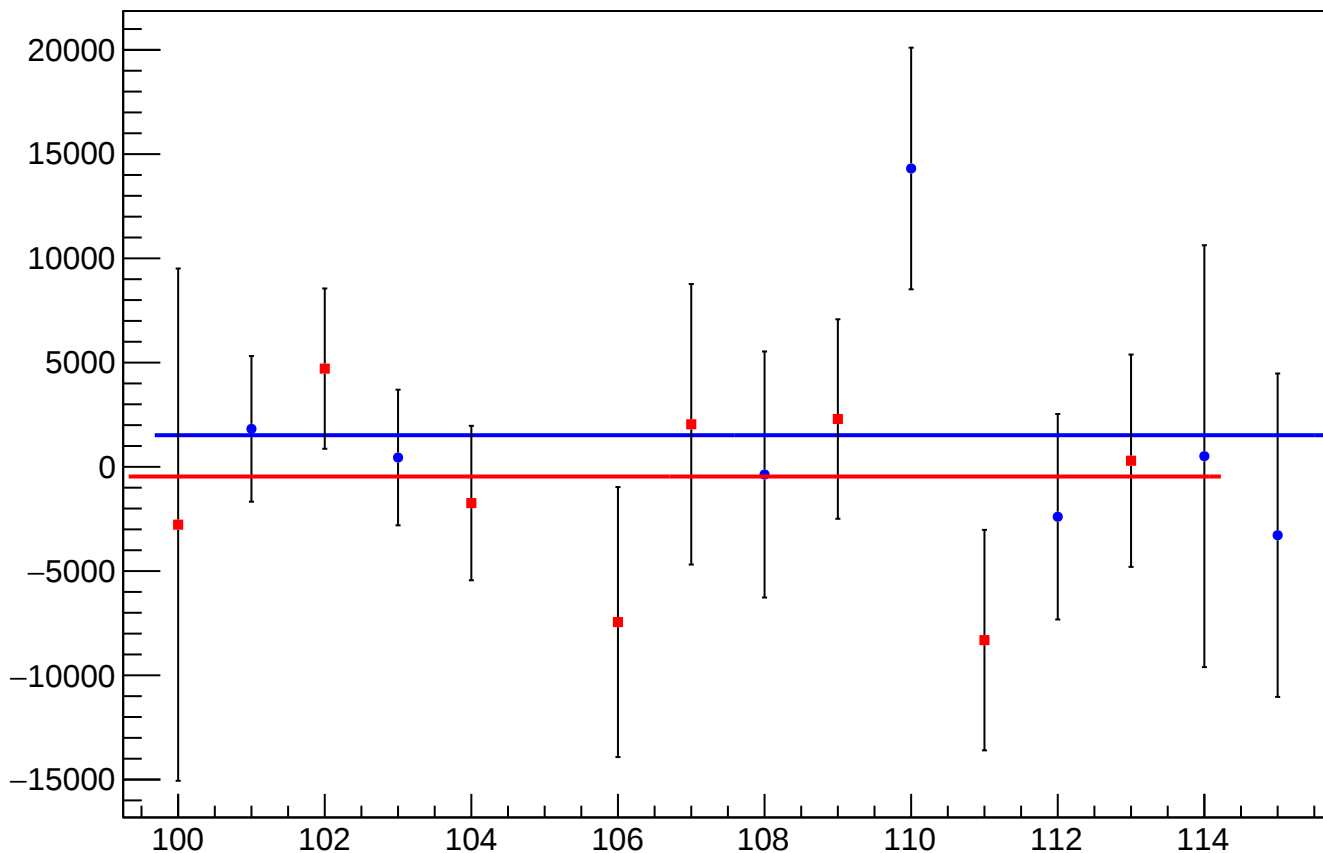
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1517.007+/-1818.158 χ^2/NDF : 6.1/6

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

Right Out: -464.693+/-1792.933 χ^2/NDF : 5.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

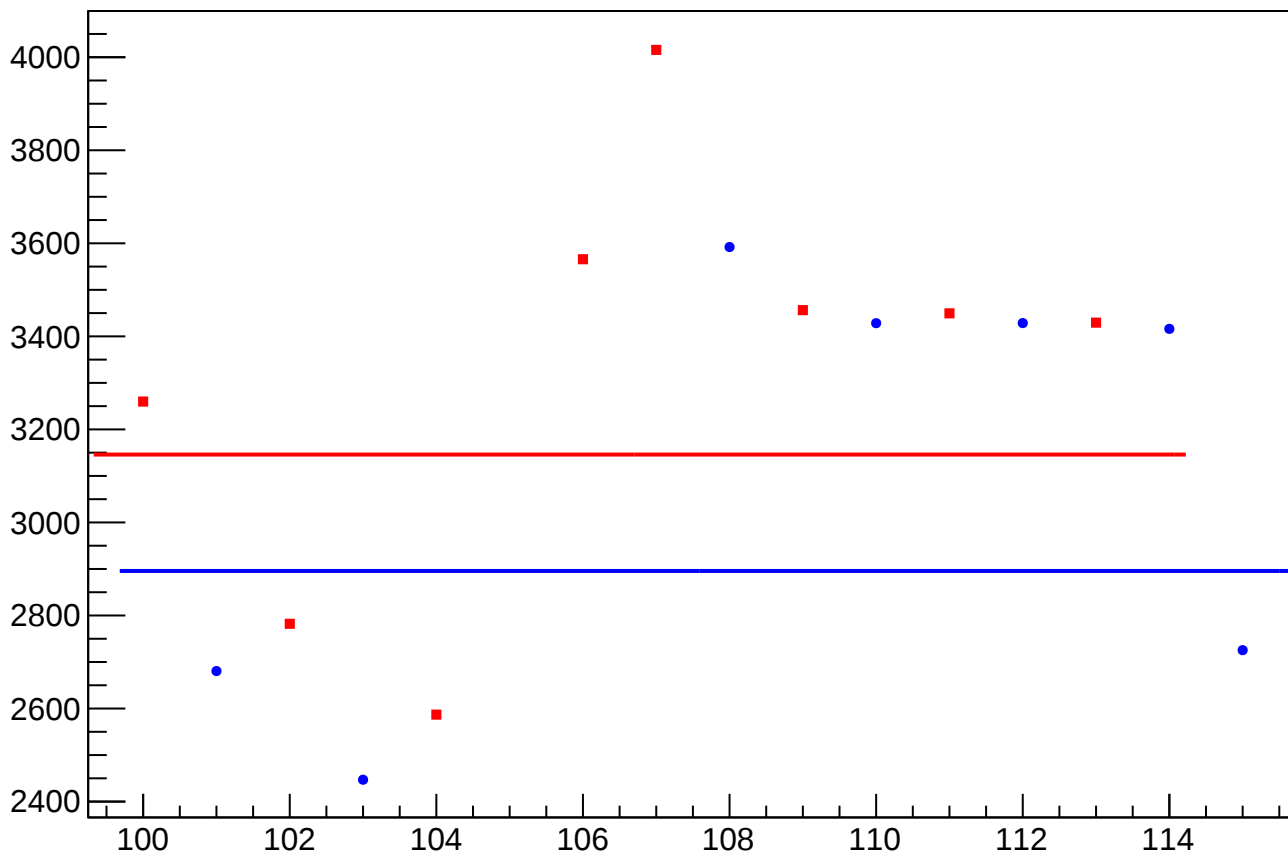
Right: 512.315+/-1276.620 χ^2/NDF : 12.5/14

In: 1517.007+/-1818.158 χ^2/NDF : 6.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 512.315+/-1276.620 χ^2/NDF : 12.5/14

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2895.725+/-1.286 χ^2/NDF : 120017.6/6

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

Right Out: 3145.923+/-1.268 χ^2/NDF : 126658.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

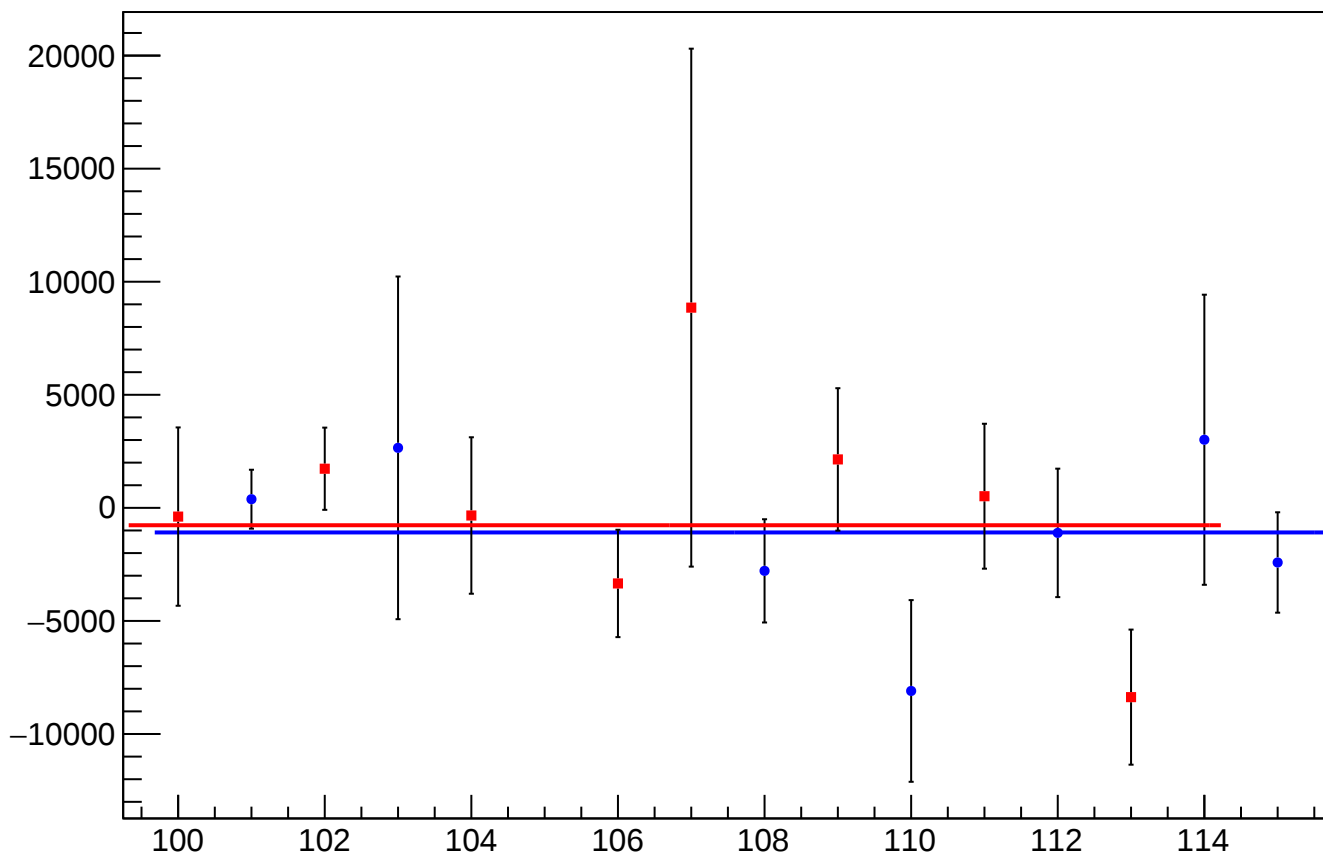
Right: 3022.572+/-0.903 χ^2/NDF : 265877.7/14

In: 2895.725+/-1.286 χ^2/NDF : 120017.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3022.572+/-0.903 χ^2/NDF : 265877.7/14

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -1087.028+/-908.190 χ^2/NDF : 5.9/6

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

Right Out: -768.510+/-1028.189 χ^2/NDF : 11.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

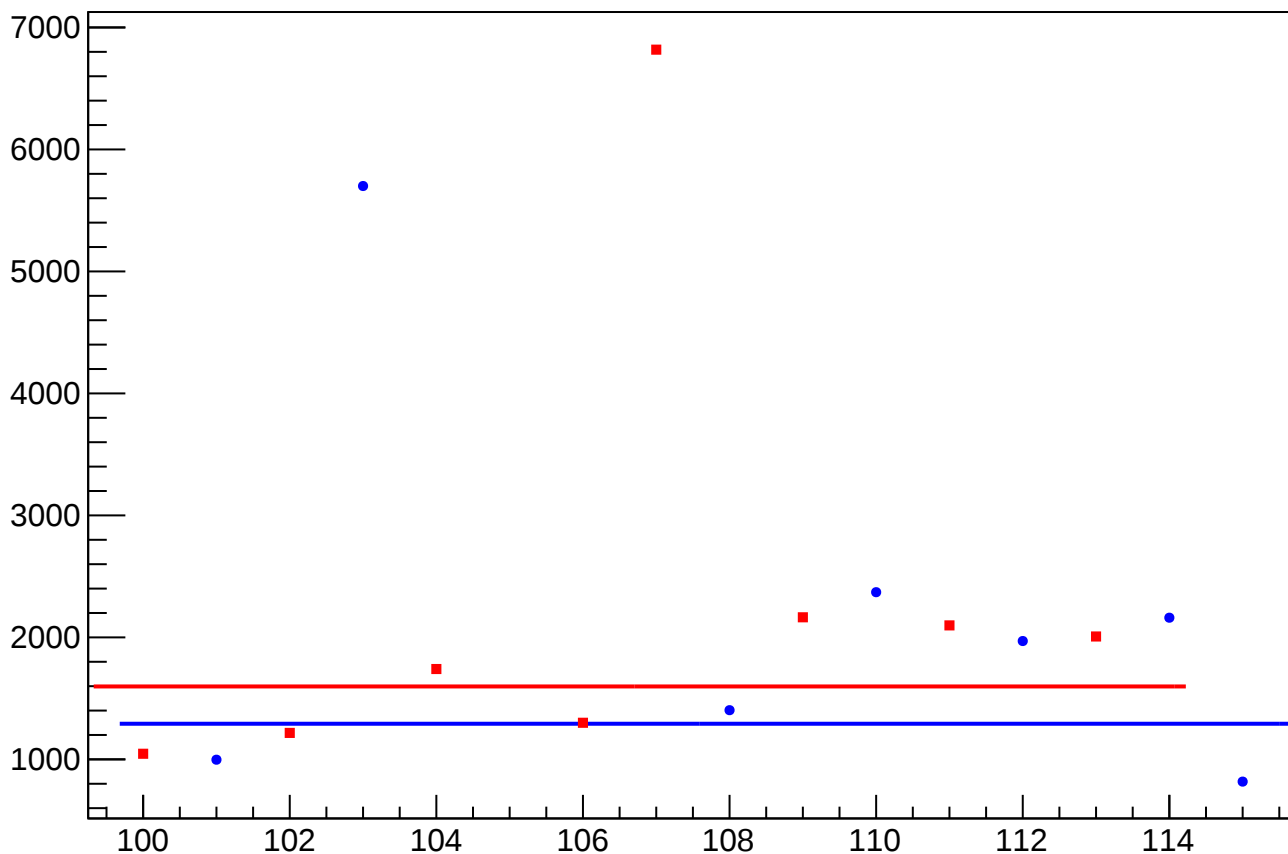
Right: -947.432+/-680.678 χ^2/NDF : 17.2/14

In: -1087.028+/-908.190 χ^2/NDF : 5.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -947.432+/-680.678 χ^2/NDF : 17.2/14

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1292.035+/-0.642 χ^2/NDF : 1170361.1/6

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

Right Out: 1597.729+/-0.727 χ^2/NDF : 728616.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

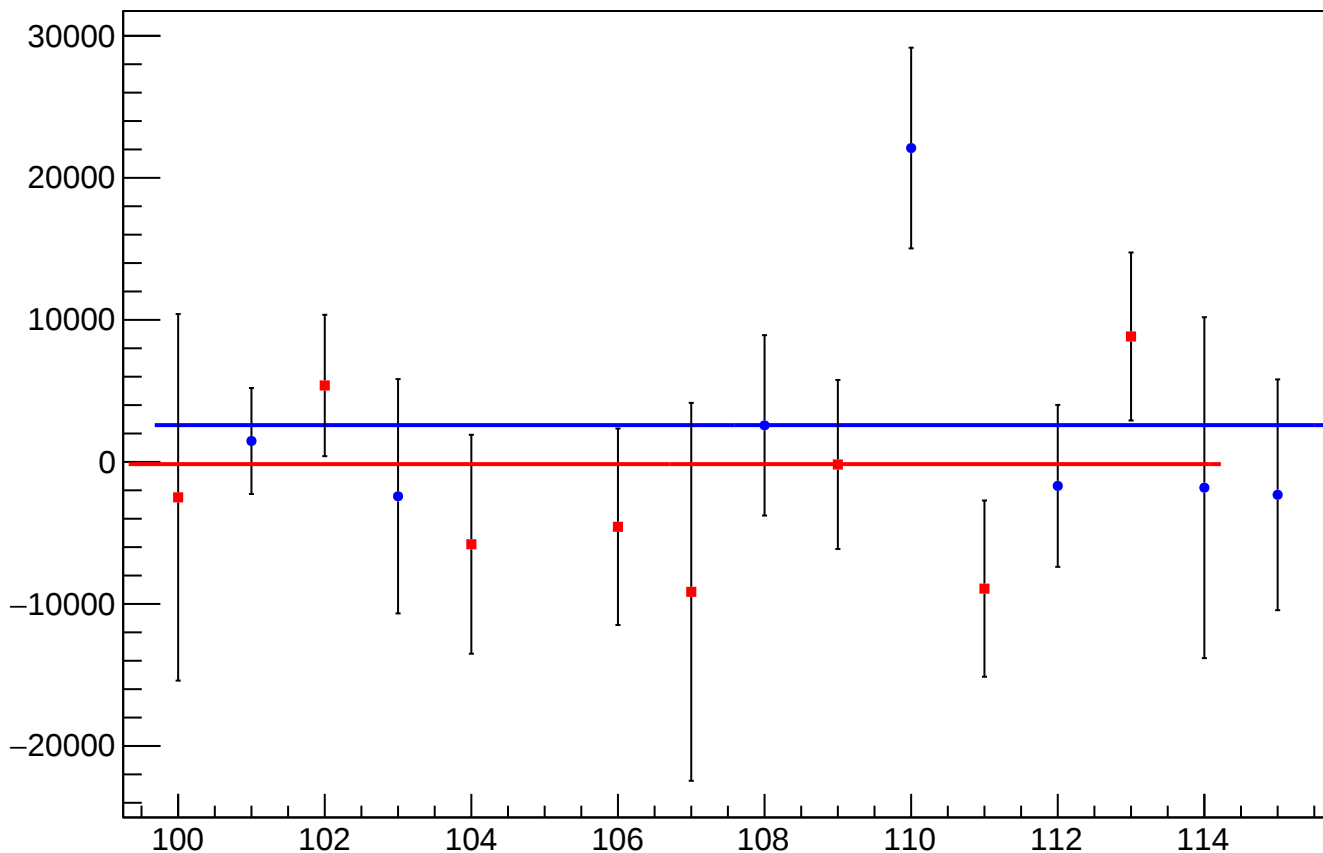
Right: 1426.011+/-0.481 χ^2/NDF : 1998286.4/14

In: 1292.035+/-0.642 χ^2/NDF : 1170361.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1426.011+/-0.481 χ^2/NDF : 1998286.4/14

asym_atl1_mean vs Slug, Sign Corrected



Right In: 2589.813+/-2329.928 χ^2/NDF : 9.1/6

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

Right Out: -154.877+/-2407.230 χ^2/NDF : 7.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

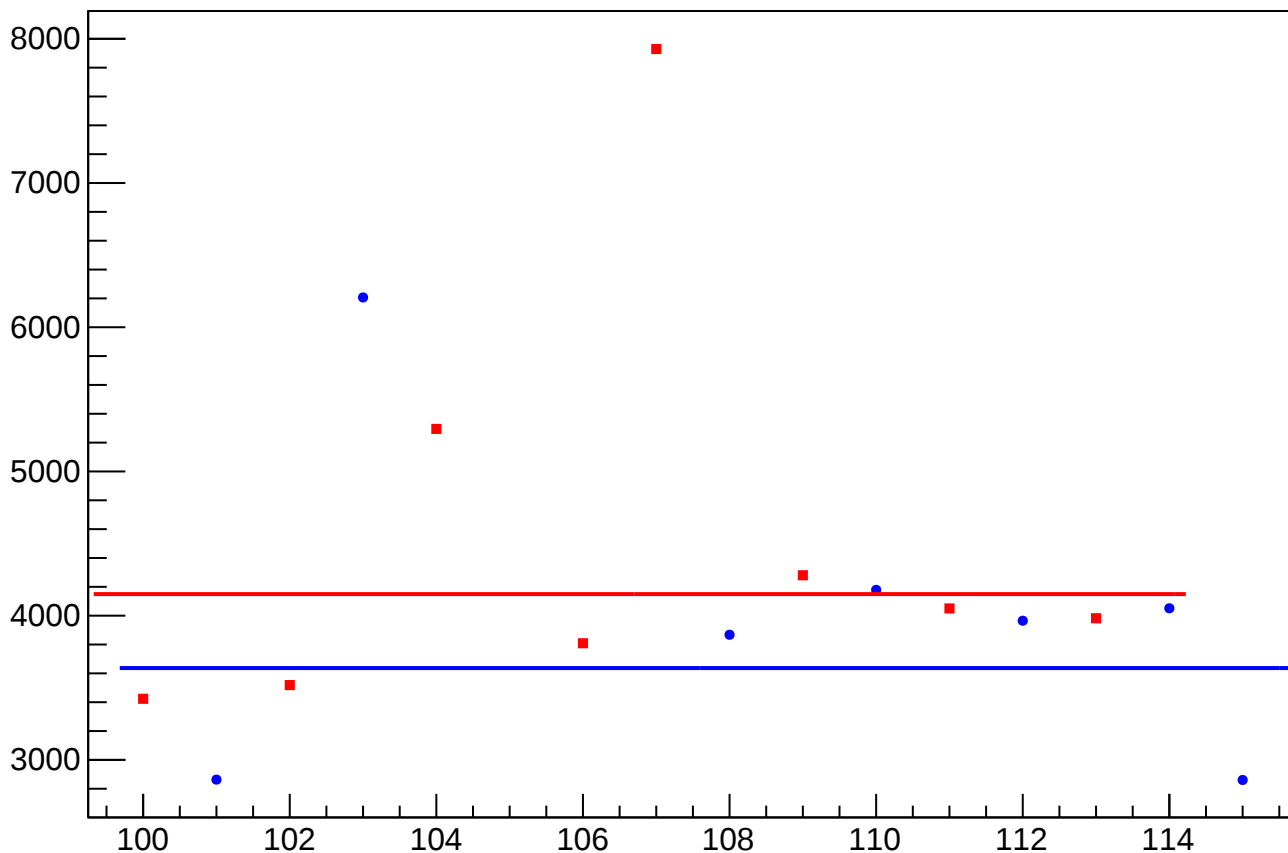
Right: 1262.244+/-1674.170 χ^2/NDF : 16.8/14

In: 2589.813+/-2329.928 χ^2/NDF :9.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1262.244+/-1674.170 χ^2/NDF : 16.8/14

asym_atl1_rms vs Slug, Sign Corrected



Right In: 3636.842+/-1.648 χ^2/NDF : 321706.7/6

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

Right Out: 4149.593+/-1.702 χ^2/NDF : 251993.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

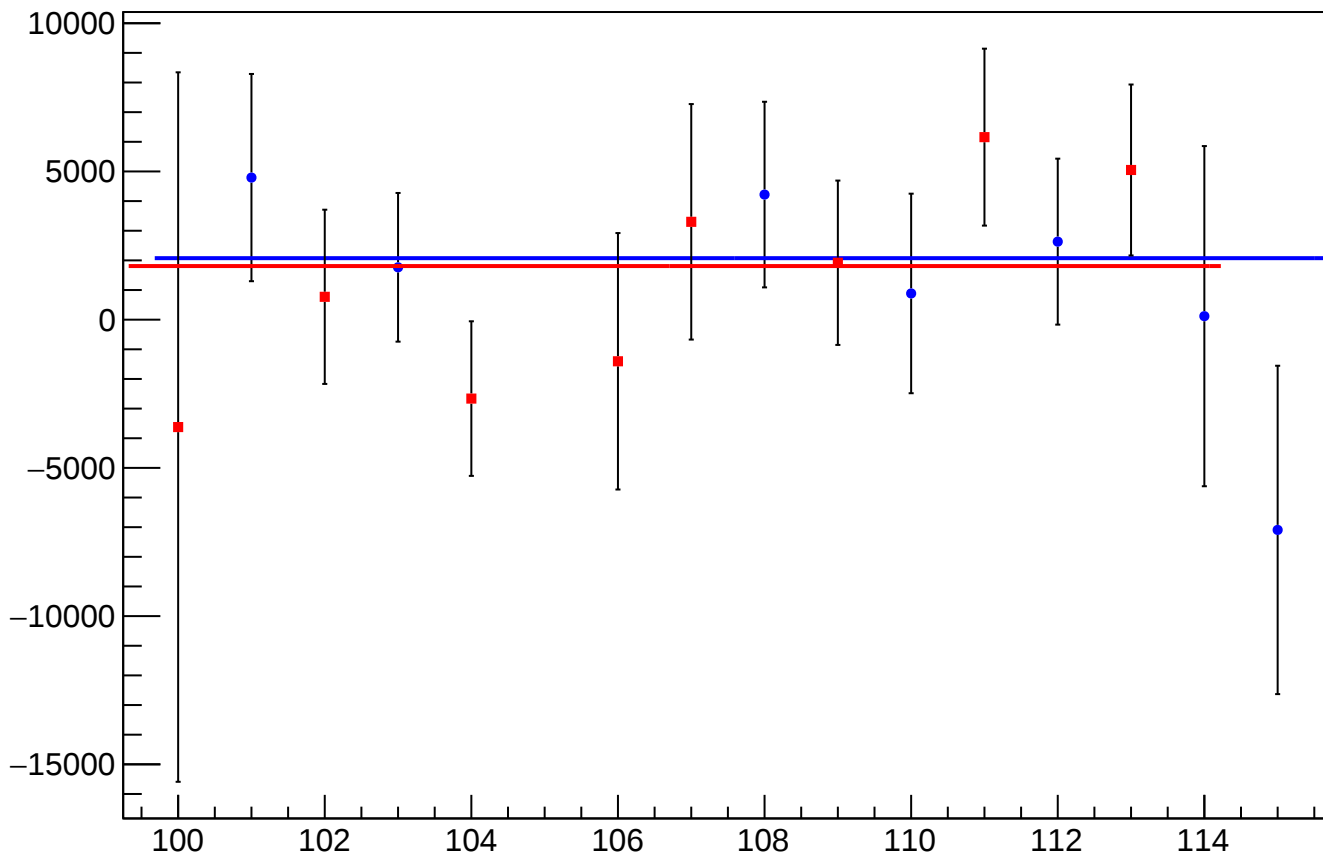
Right: 3884.853+/-1.184 χ^2/NDF : 620551.0/14

In: 3636.842+/-1.648 χ^2/NDF : 321706.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3884.853+/-1.184 χ^2/NDF : 620551.0/14

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2074.780+/-1268.246 χ^2 /NDF: 4.1/6

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

Right Out: 1808.539+/-1155.189 χ^2 /NDF: 7.4/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

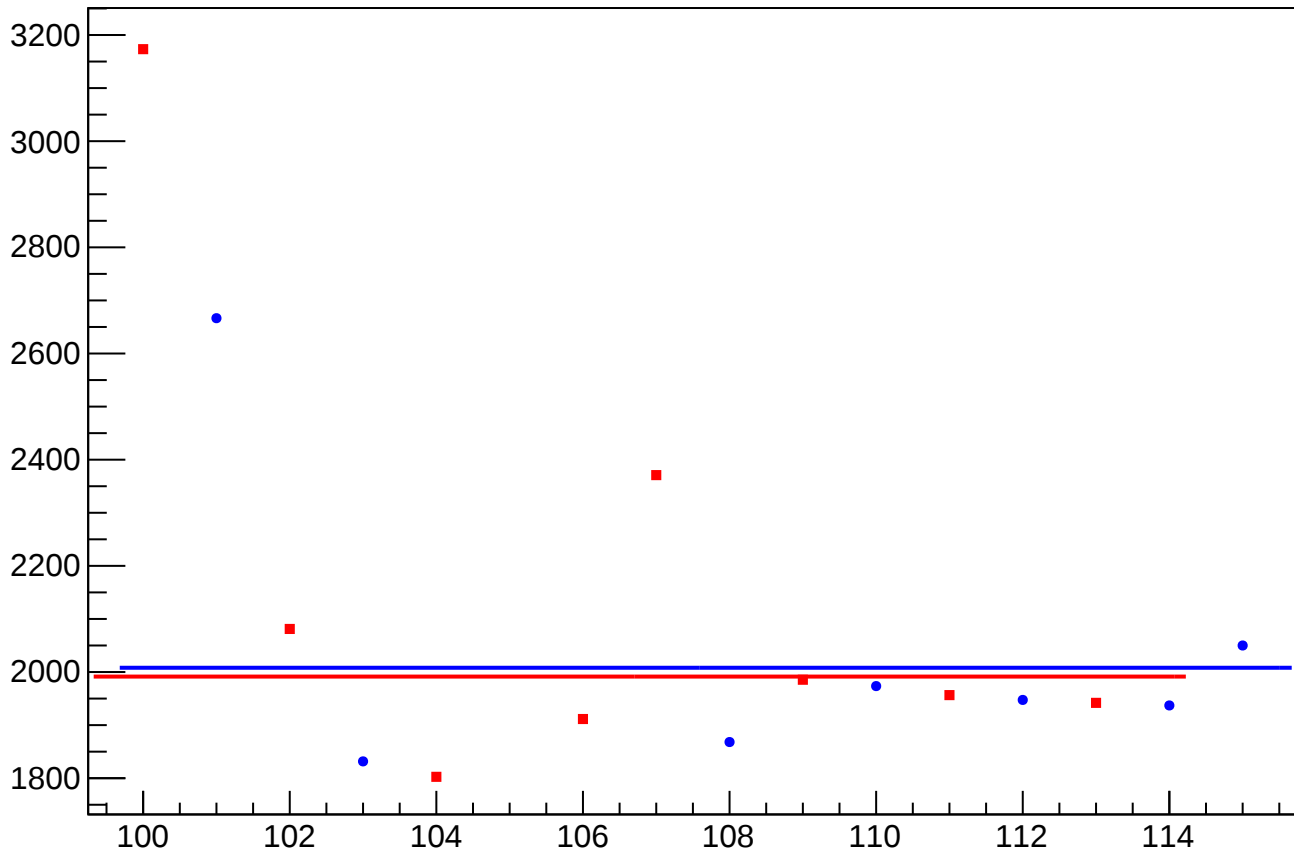
Right: 1929.266+/-854.020 χ^2 /NDF: 11.5/14

In: 2074.780+/-1268.246 χ^2 /NDF:4.1/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1929.266+/-854.020 χ^2 /NDF: 11.5/14

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2008.064+/-0.897 χ^2/NDF : 86428.6/6

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

Right Out: 1991.442+/-0.817 χ^2/NDF : 51670.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

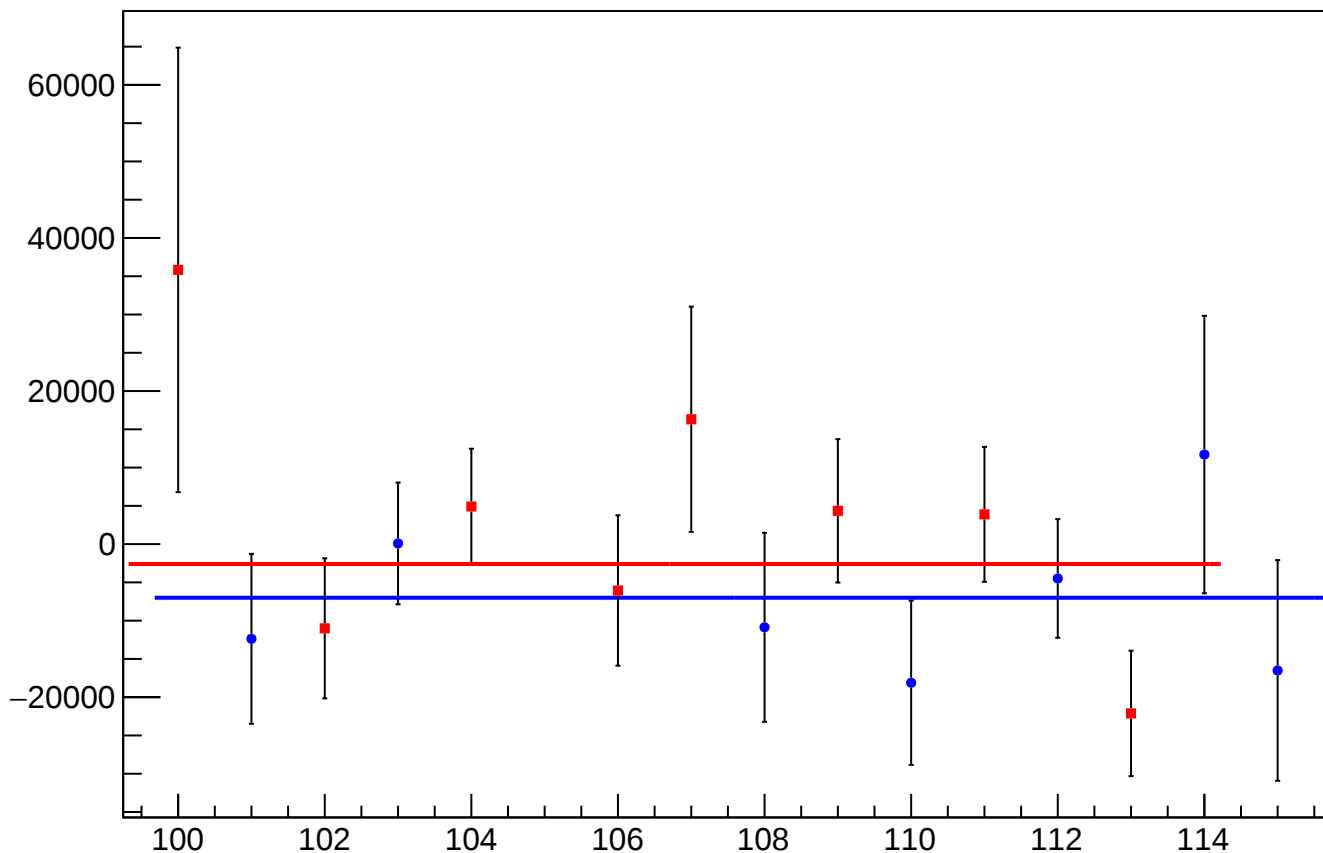
Right: 1998.979+/-0.604 χ^2/NDF : 138286.4/14

In: 2008.064+/-0.897 χ^2/NDF : 86428.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1998.979+/-0.604 χ^2/NDF : 138286.4/14

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -7003.737+/-3963.447 χ^2/NDF : 3.8/6

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

Right Out: -2595.480+/-3433.252 χ^2/NDF : 12.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

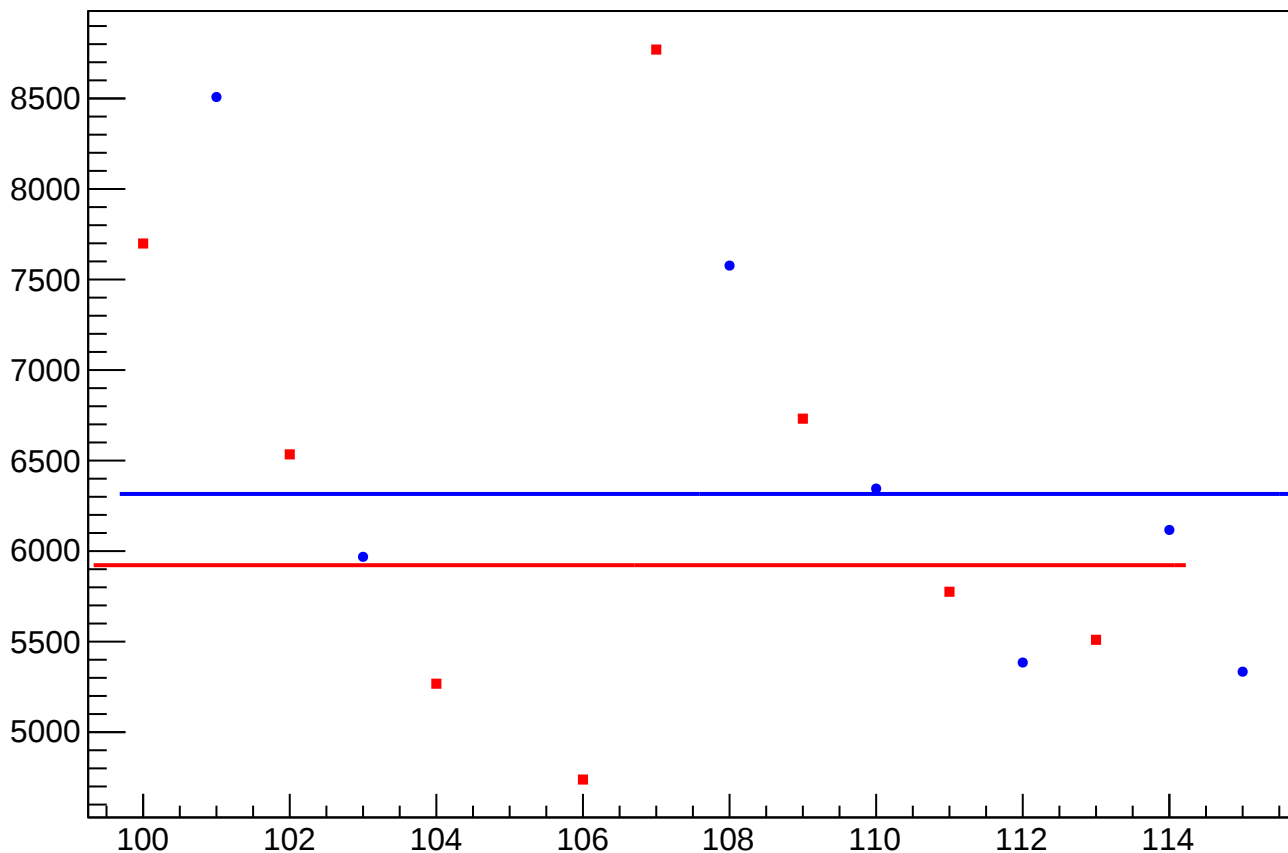
Right: -4485.240+/-2595.033 χ^2/NDF : 16.6/14

In: -7003.737+/-3963.447 χ^2/NDF : 3.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4485.240+/-2595.033 χ^2/NDF : 16.6/14

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 6315.683+/-2.803 χ^2/NDF : 141034.5/6

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

Right Out: 5922.177+/-2.428 χ^2/NDF : 155951.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

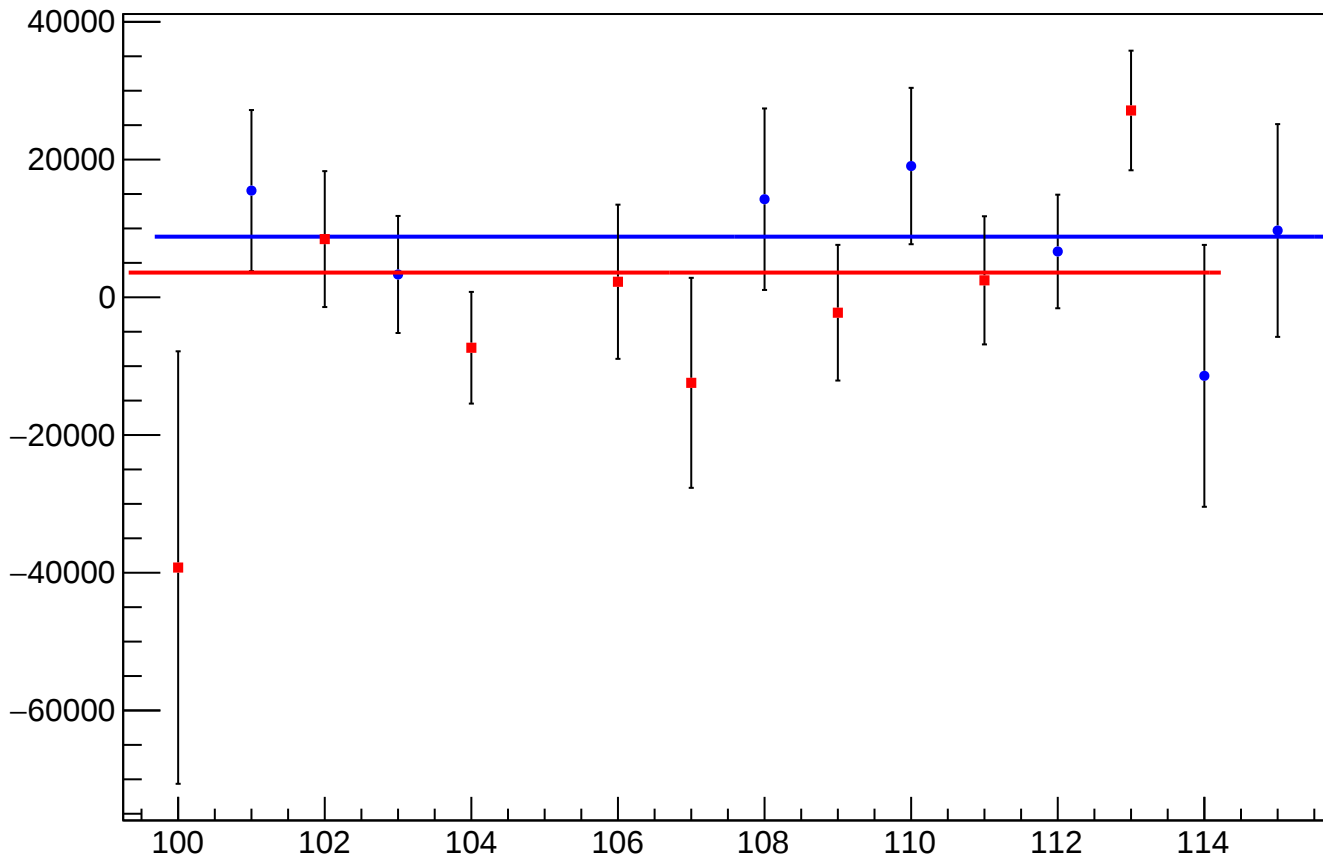
Right: 6090.868+/-1.835 χ^2/NDF : 308248.7/14

In: 6315.683+/-2.803 χ^2/NDF : 141034.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6090.868+/-1.835 χ^2/NDF : 308248.7/14

asym_atl2_mean vs Slug, Sign Corrected



Right In: 8805.998 $\pm$ 4213.708 χ^2 /NDF: 2.9/6

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

Right Out: 3591.034 $\pm$ 3679.283 χ^2 /NDF: 12.7/7

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

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

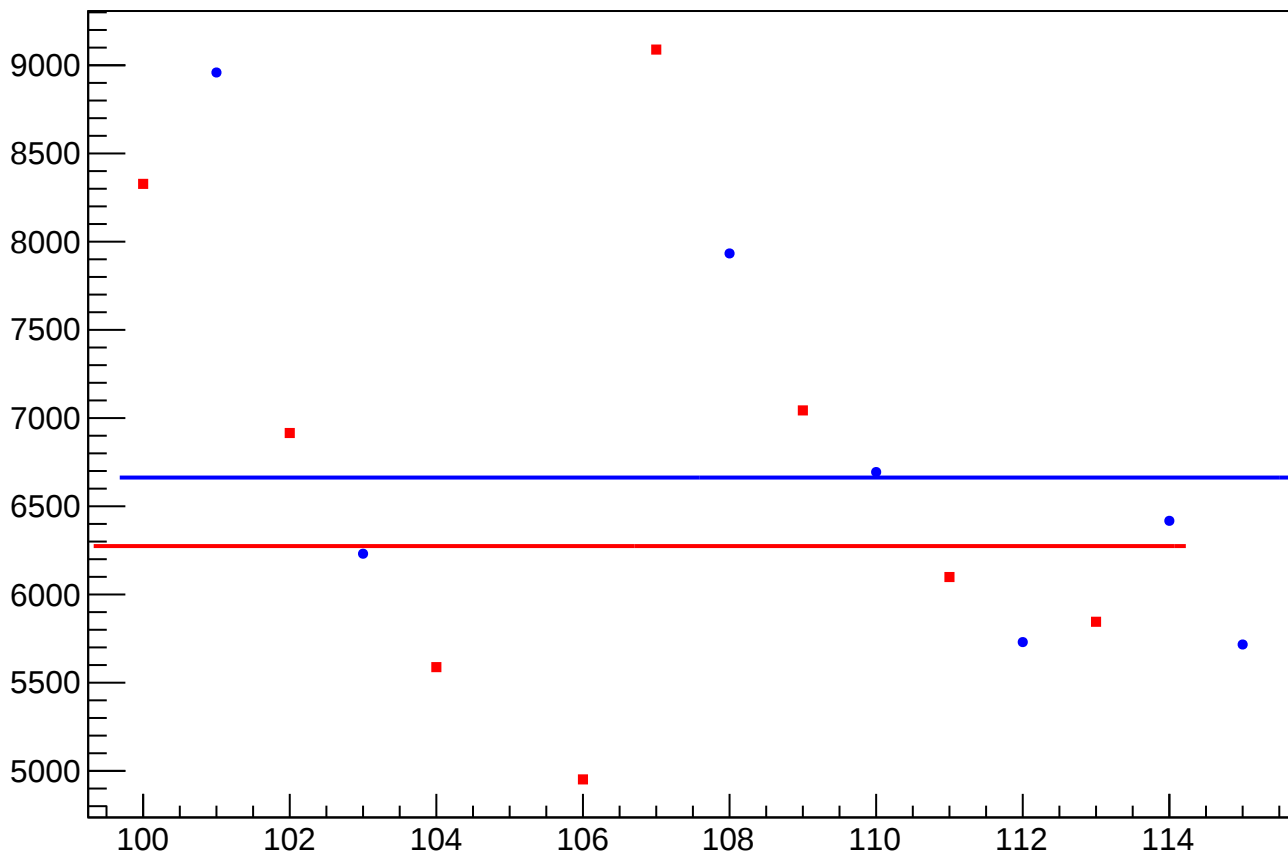
Right: 5847.029 $\pm$ 2771.455 χ^2 /NDF: 16.5/14

In: 8805.998 $\pm$ 4213.708 χ^2 /NDF:2.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5847.029 $\pm$ 2771.455 χ^2 /NDF: 16.5/14

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6662.882+/-2.980 χ^2/NDF : 134225.7/6

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

Right Out: 6274.445+/-2.601 χ^2/NDF : 145148.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

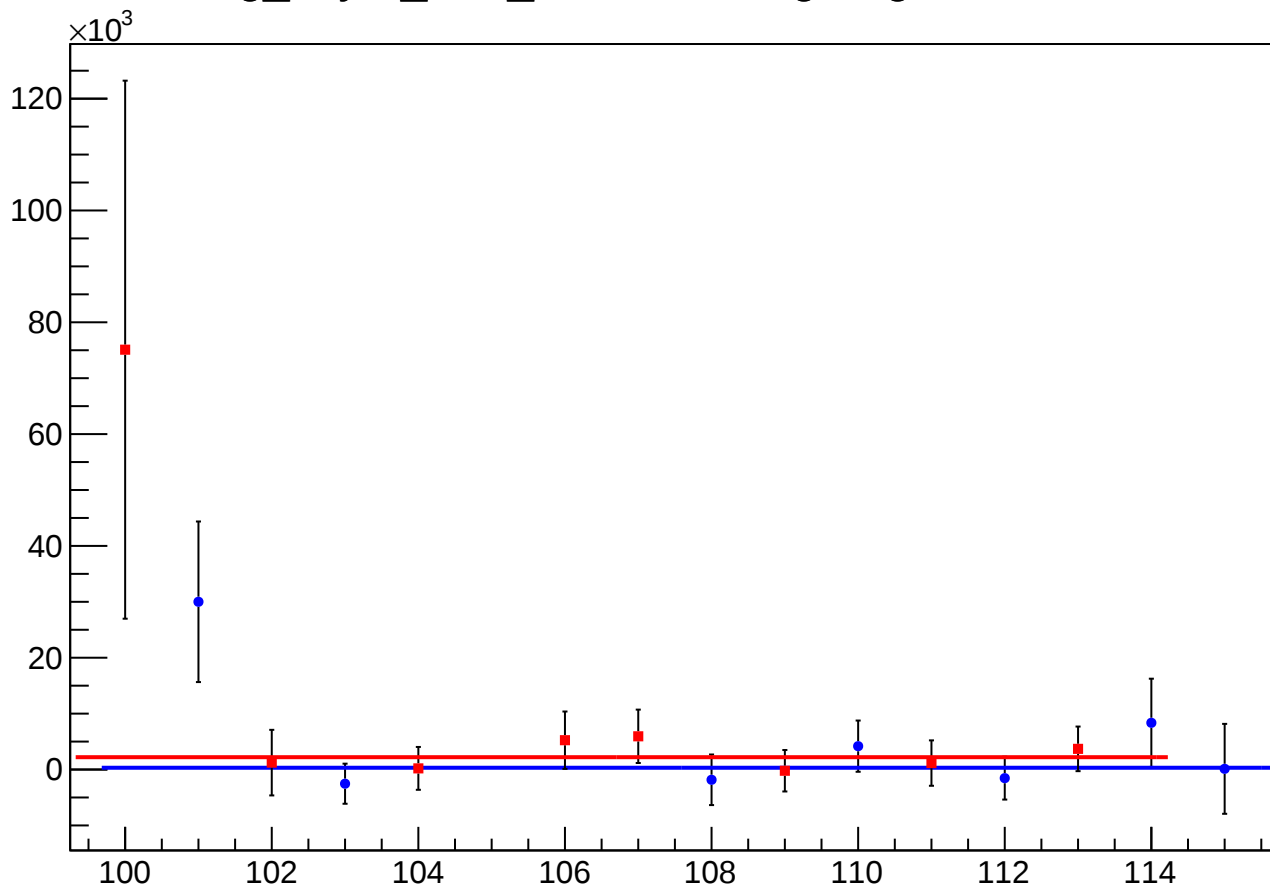
Right: 6442.465+/-1.960 χ^2/NDF : 289018.7/14

In: 6662.882+/-2.980 χ^2/NDF : 134225.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6442.465+/-1.960 χ^2/NDF : 289018.7/14

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: 319.106+/-1894.204 χ^2/NDF : 7.1/6

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

Right Out: 2206.889+/-1631.371 χ^2/NDF : 4.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

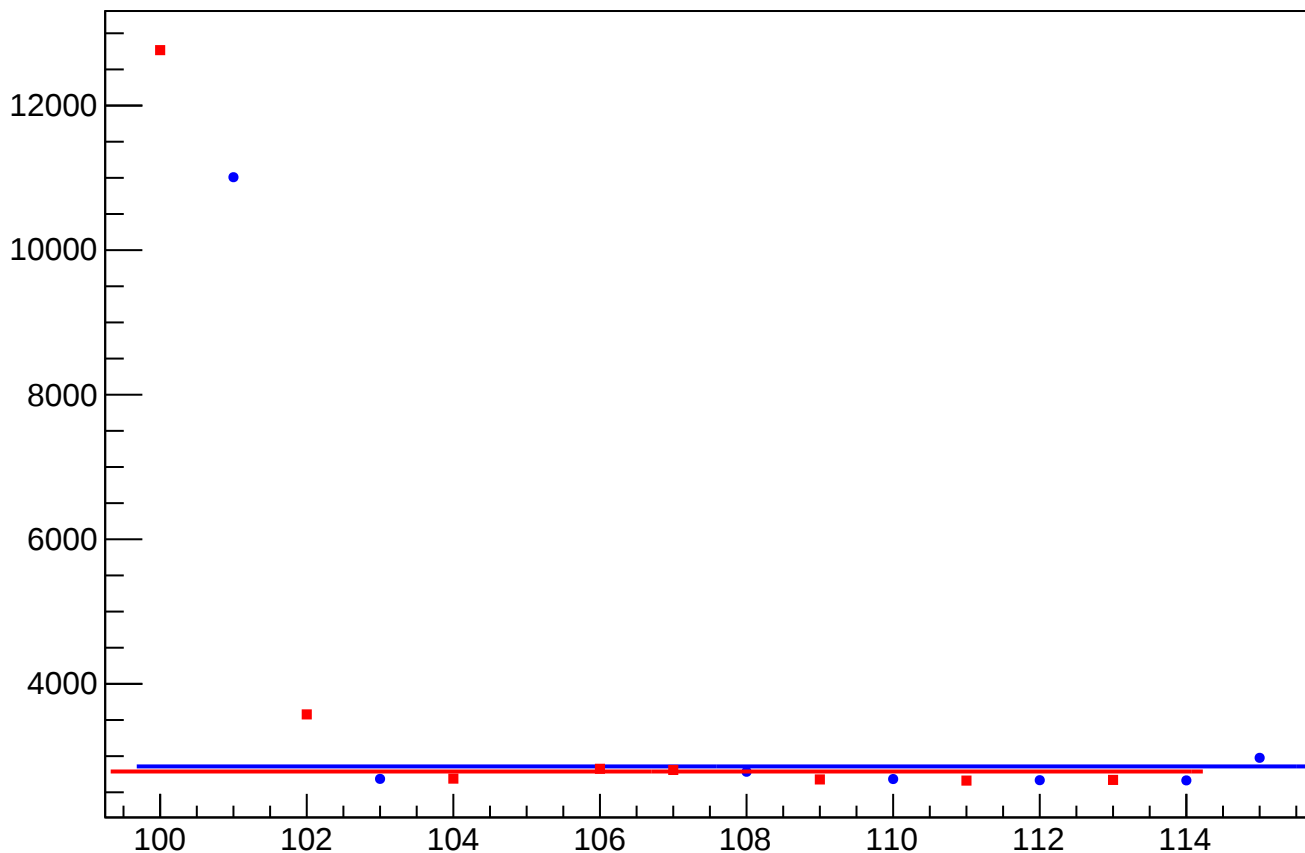
Right: 1402.955+/-1236.121 χ^2/NDF : 11.9/14

In: 319.106+/-1894.204 χ^2/NDF : 7.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1402.955+/-1236.121 χ^2/NDF : 11.9/14

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2857.856+/-1.339 χ^2/NDF : 658807.6/6

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

Right Out: 2787.682+/-1.154 χ^2/NDF : 129130.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

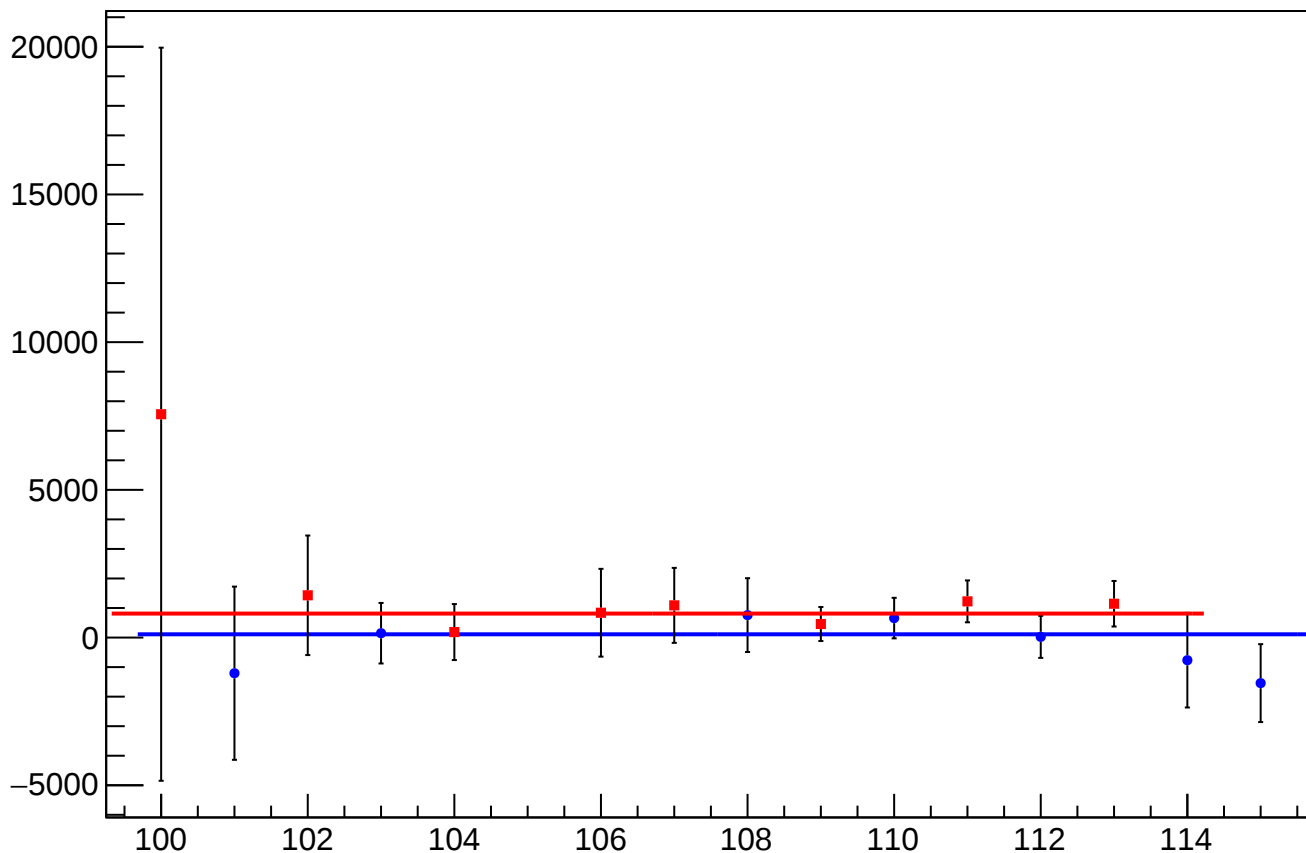
Right: 2817.566+/-0.874 χ^2/NDF : 789514.2/14

In: 2857.856+/-1.339 χ^2/NDF : 658807.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2817.566+/-0.874 χ^2/NDF : 789514.2/14

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: 110.603 $\pm$ 384.249 χ^2/NDF : 3.0/6

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

Right Out: 812.139 $\pm$ 331.064 χ^2/NDF : 1.8/7

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

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

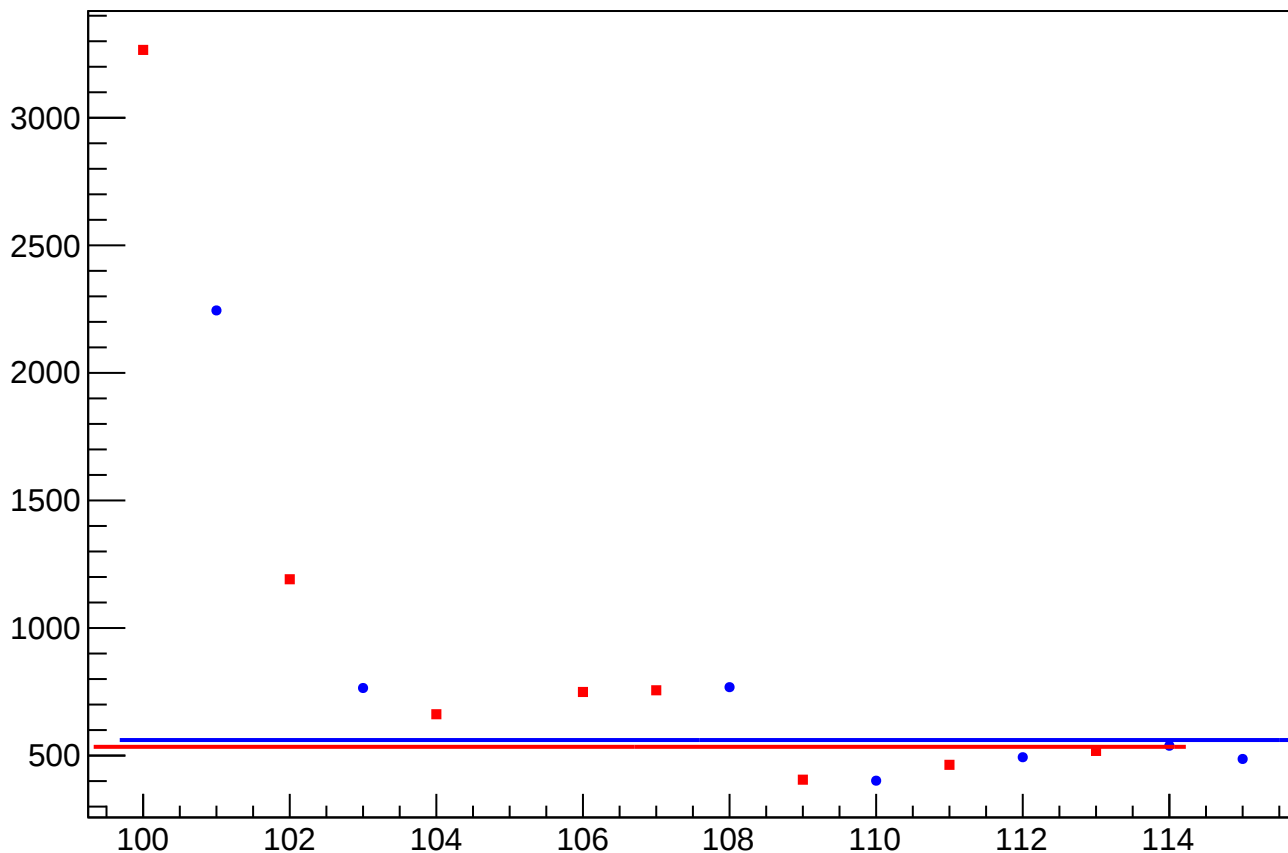
Right: 513.244 $\pm$ 250.811 χ^2/NDF : 6.7/14

In: 110.603 $\pm$ 384.249 χ^2/NDF : 3.0/6

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

All: 513.244 $\pm$ 250.811 χ^2/NDF : 6.7/14

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 560.934+/-0.272 χ^2/NDF : 926589.9/6

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

Right Out: 534.308+/-0.234 χ^2/NDF : 567591.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

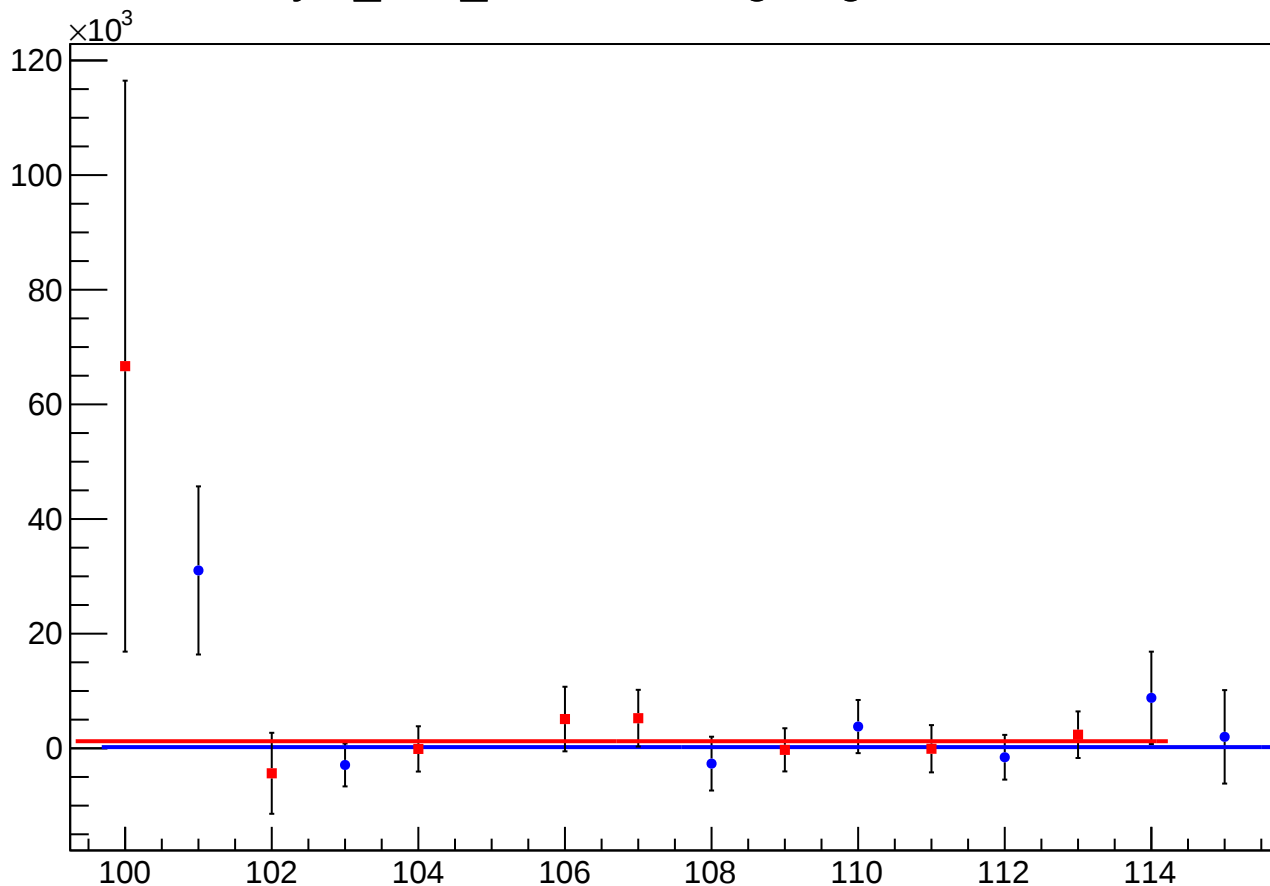
Right: 545.652+/-0.177 χ^2/NDF : 1499693.4/14

In: 560.934+/-0.272 χ^2/NDF : 926589.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 545.652+/-0.177 χ^2/NDF : 1499693.4/14

asym_atr1_mean vs Slug, Sign Corrected



Right In: 208.318 $\pm$ 1945.676 χ^2 /NDF: 7.5/6

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

Right Out: 1235.838 $\pm$ 1698.376 χ^2 /NDF: 3.9/7

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

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

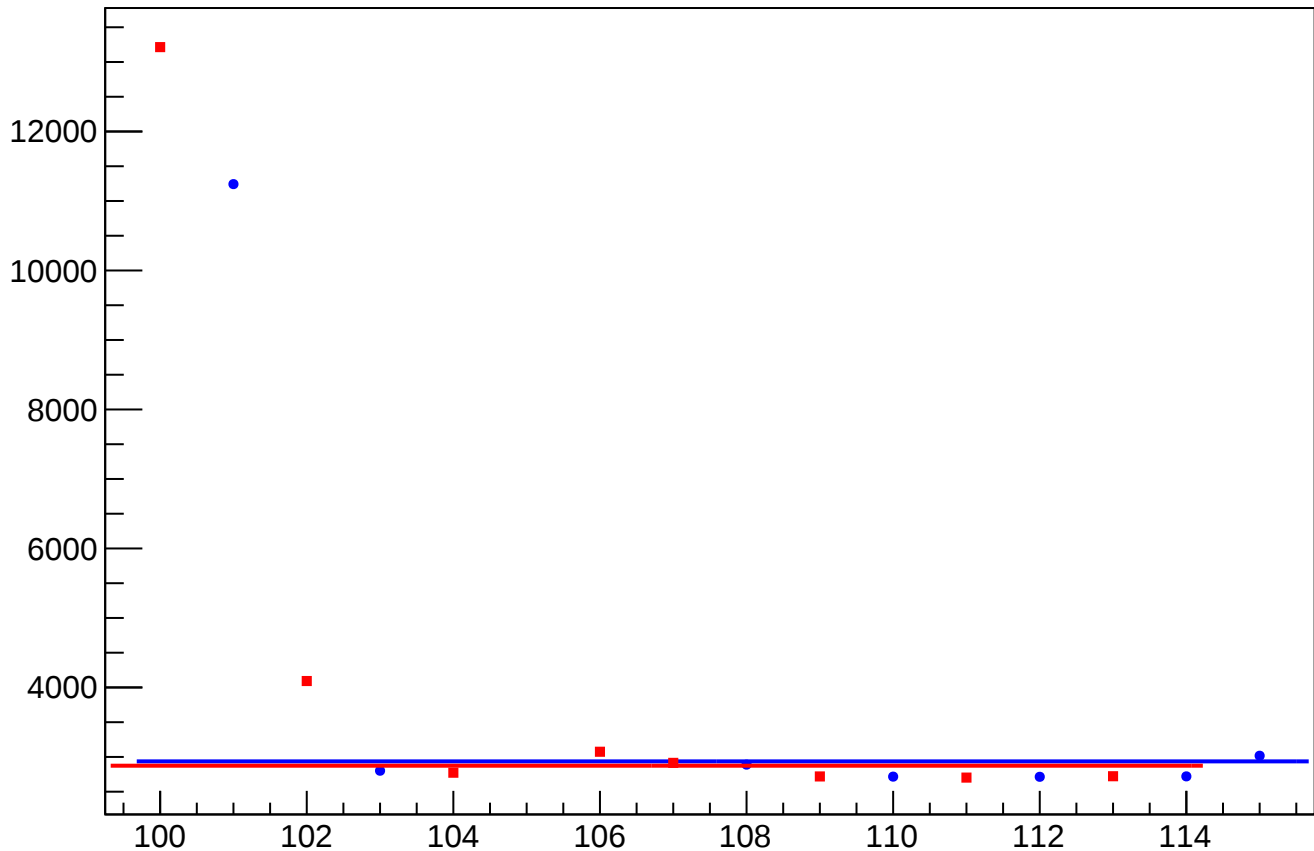
Right: 791.490 $\pm$ 1279.490 χ^2 /NDF: 11.6/14

In: 208.318 $\pm$ 1945.676 χ^2 /NDF: 7.5/6

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

All: 791.490 $\pm$ 1279.490 χ^2 /NDF: 11.6/14

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2936.268+/-1.376 χ^2/NDF : 656921.7/6

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

Right Out: 2873.955+/-1.201 χ^2/NDF : 159289.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

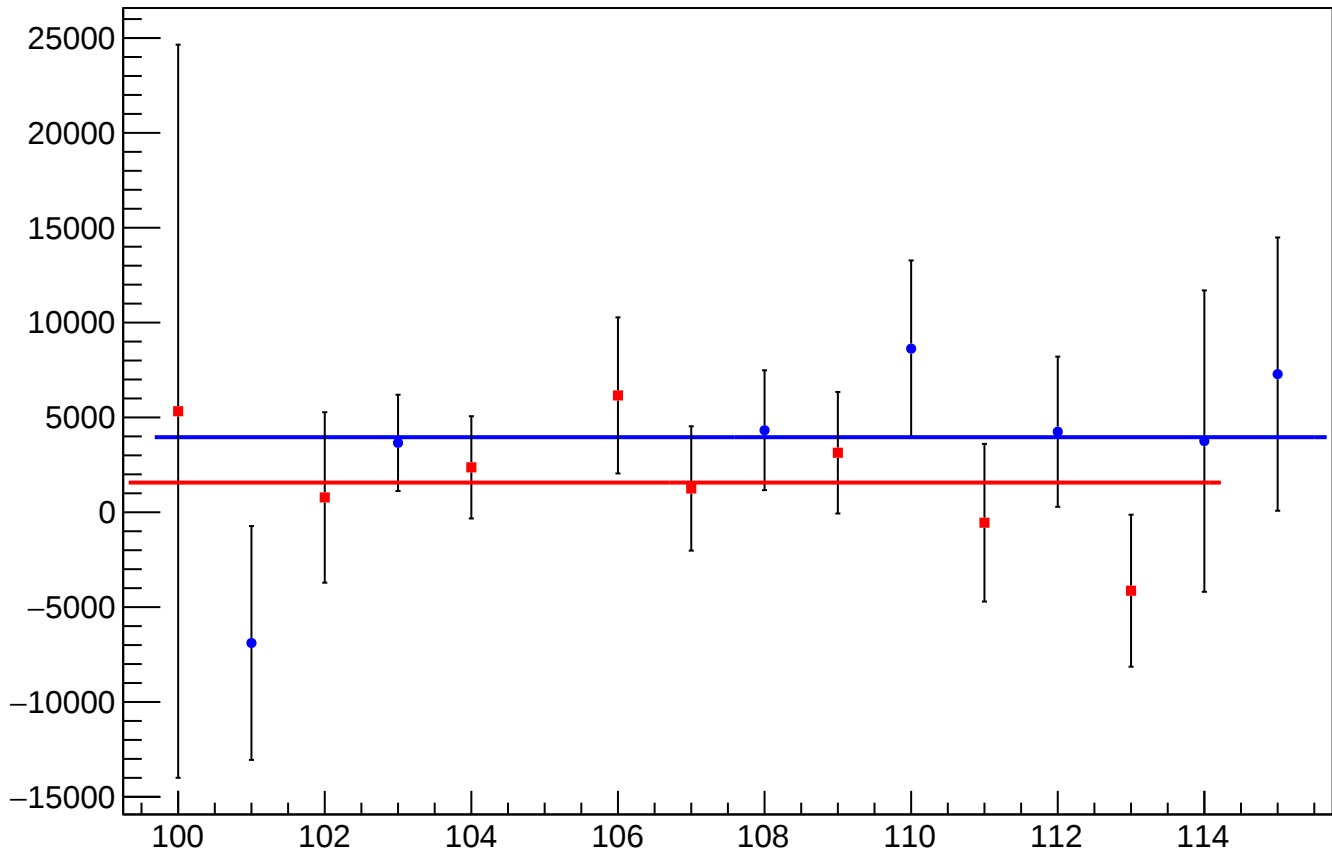
Right: 2900.902+/-0.905 χ^2/NDF : 817375.3/14

In: 2936.268+/-1.376 χ^2/NDF : 656921.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2900.902+/-0.905 χ^2/NDF : 817375.3/14

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3958.349+/-1530.333 χ^2/NDF : 4.4/6

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

Right Out: 1565.786+/-1336.605 χ^2/NDF : 3.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

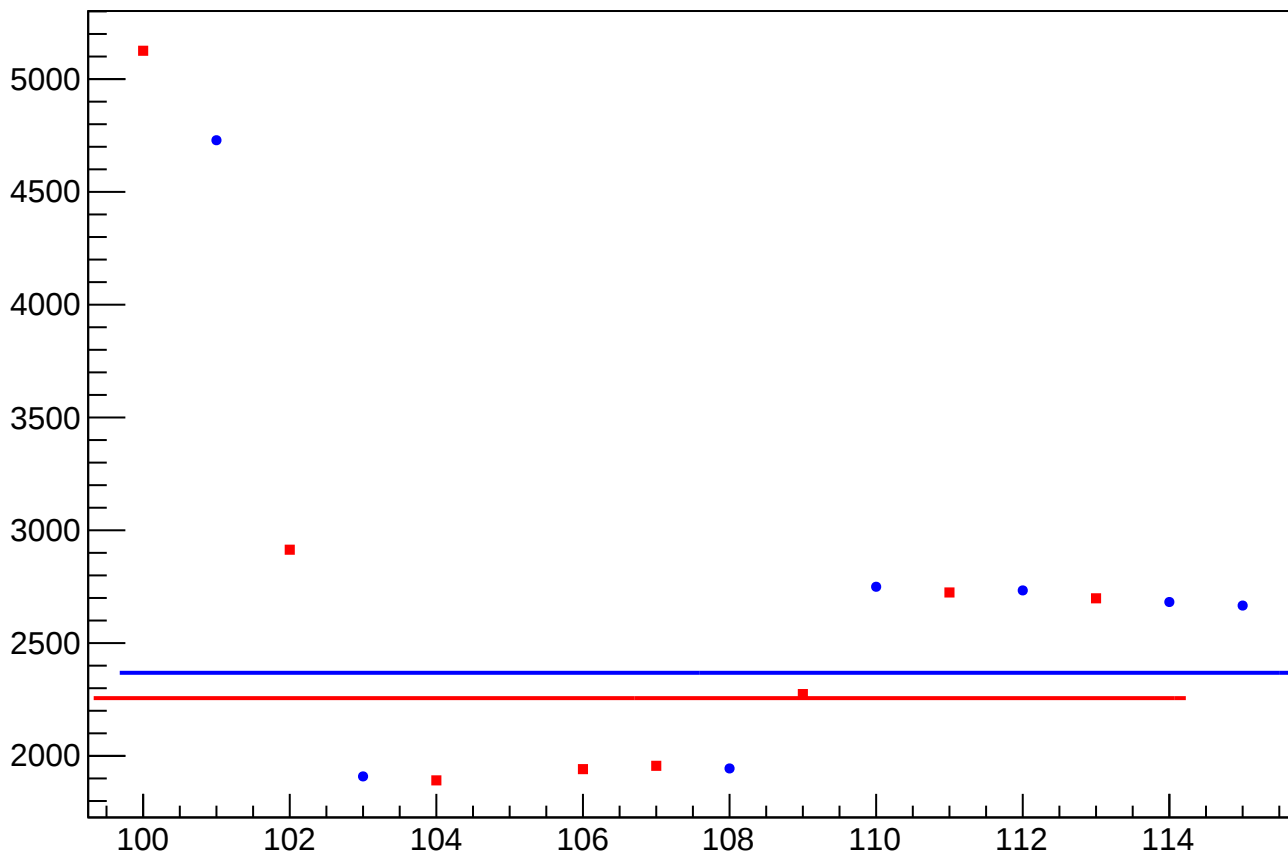
Right: 2601.130+/-1006.692 χ^2/NDF : 9.7/14

In: 3958.349+/-1530.333 χ^2/NDF : 4.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2601.130+/-1006.692 χ^2/NDF : 9.7/14

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2368.320+/-1.082 χ^2/NDF : 431983.8/6

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

Right Out: 2256.022+/-0.945 χ^2/NDF : 201898.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

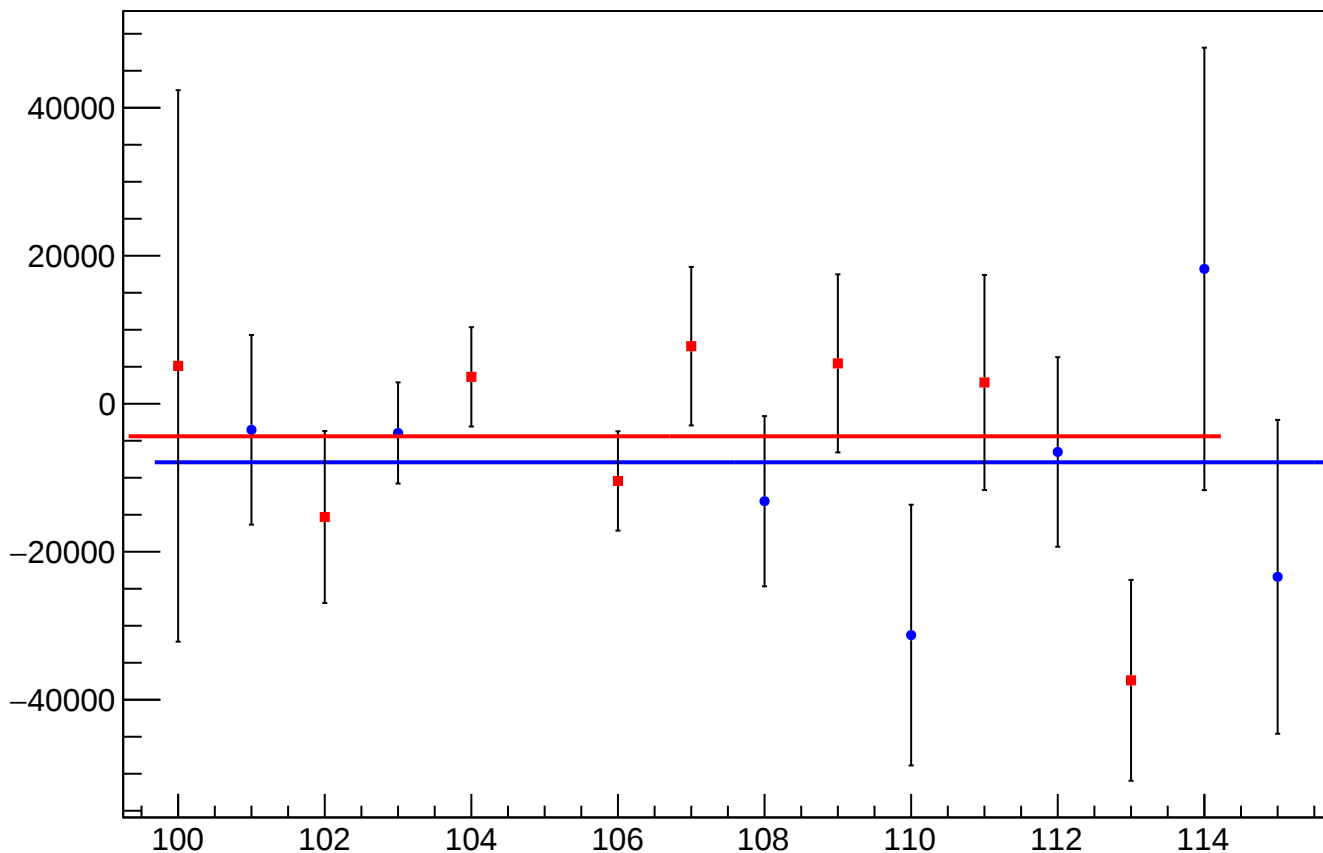
Right: 2304.616+/-0.712 χ^2/NDF : 639991.2/14

In: 2368.320+/-1.082 χ^2/NDF : 431983.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2304.616+/-0.712 χ^2/NDF : 639991.2/14

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -7909.437+/-4577.602 χ^2/NDF : 3.7/6

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

Right Out: -4397.869+/-3573.843 χ^2/NDF : 11.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

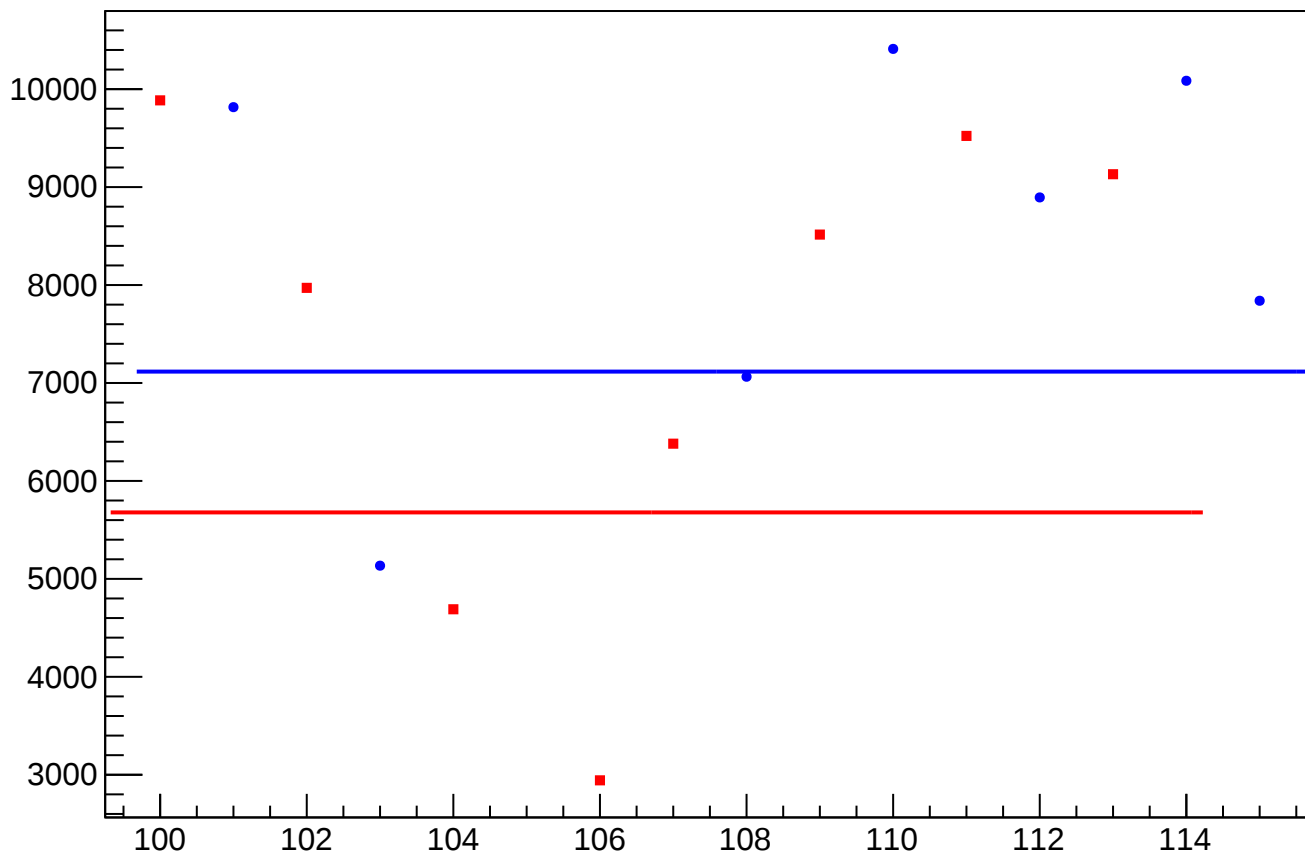
Right: -5727.702+/-2816.994 χ^2/NDF : 15.4/14

In: -7909.437+/-4577.602 χ^2/NDF : 3.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5727.702+/-2816.994 χ^2/NDF : 15.4/14

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 7116.254+/-3.237 χ^2/NDF : 387514.2/6

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

Right Out: 5678.573+/-2.527 χ^2/NDF : 868032.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

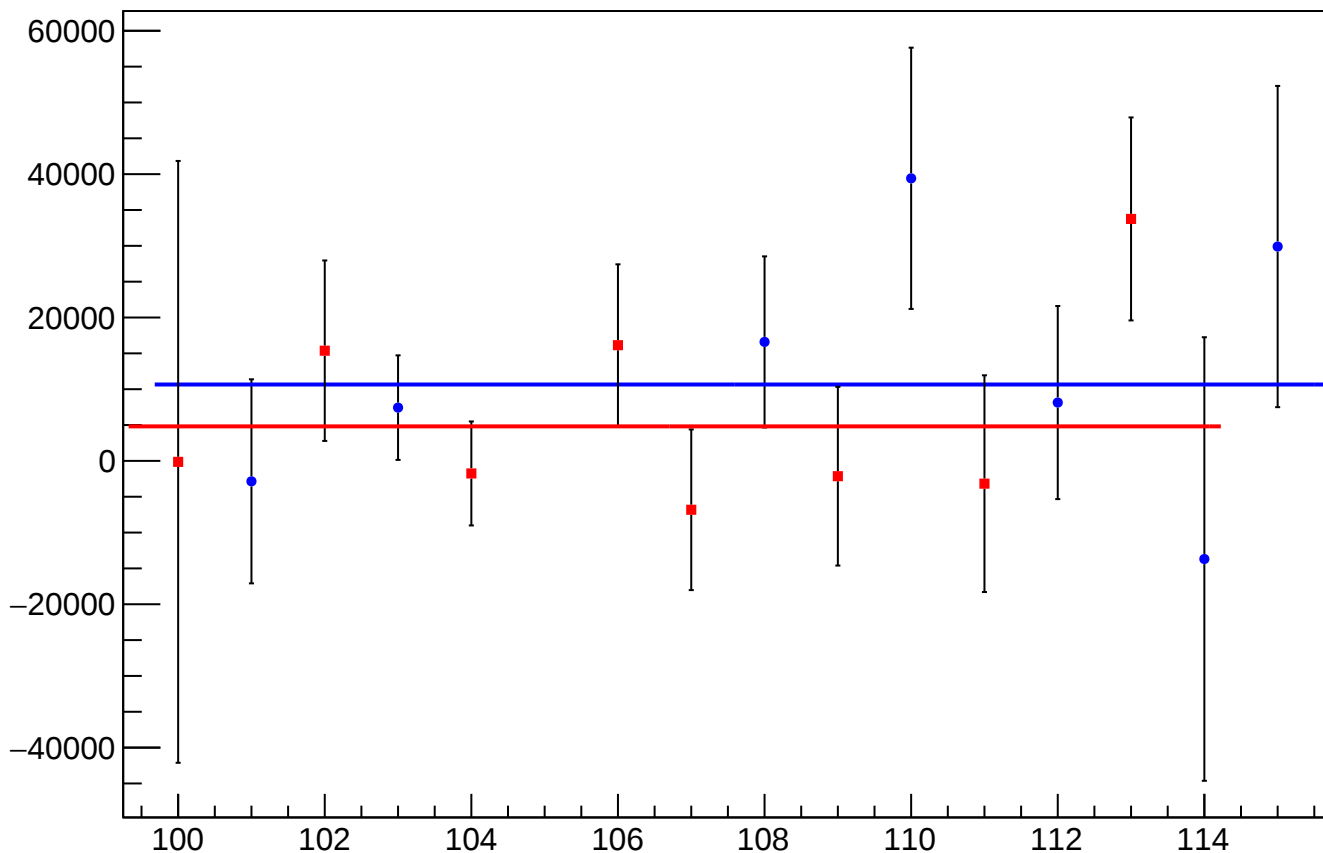
Right: 6223.024+/-1.992 χ^2/NDF : 1378115.7/14

In: 7116.254+/-3.237 χ^2/NDF : 387514.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6223.024+/-1.992 χ^2/NDF : 1378115.7/14

asym_atr2_mean vs Slug, Sign Corrected



Right In: 10655.556+/-4860.709 χ^2/NDF : 5.2/6

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

Right Out: 4813.997+/-4169.978 χ^2/NDF : 8.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

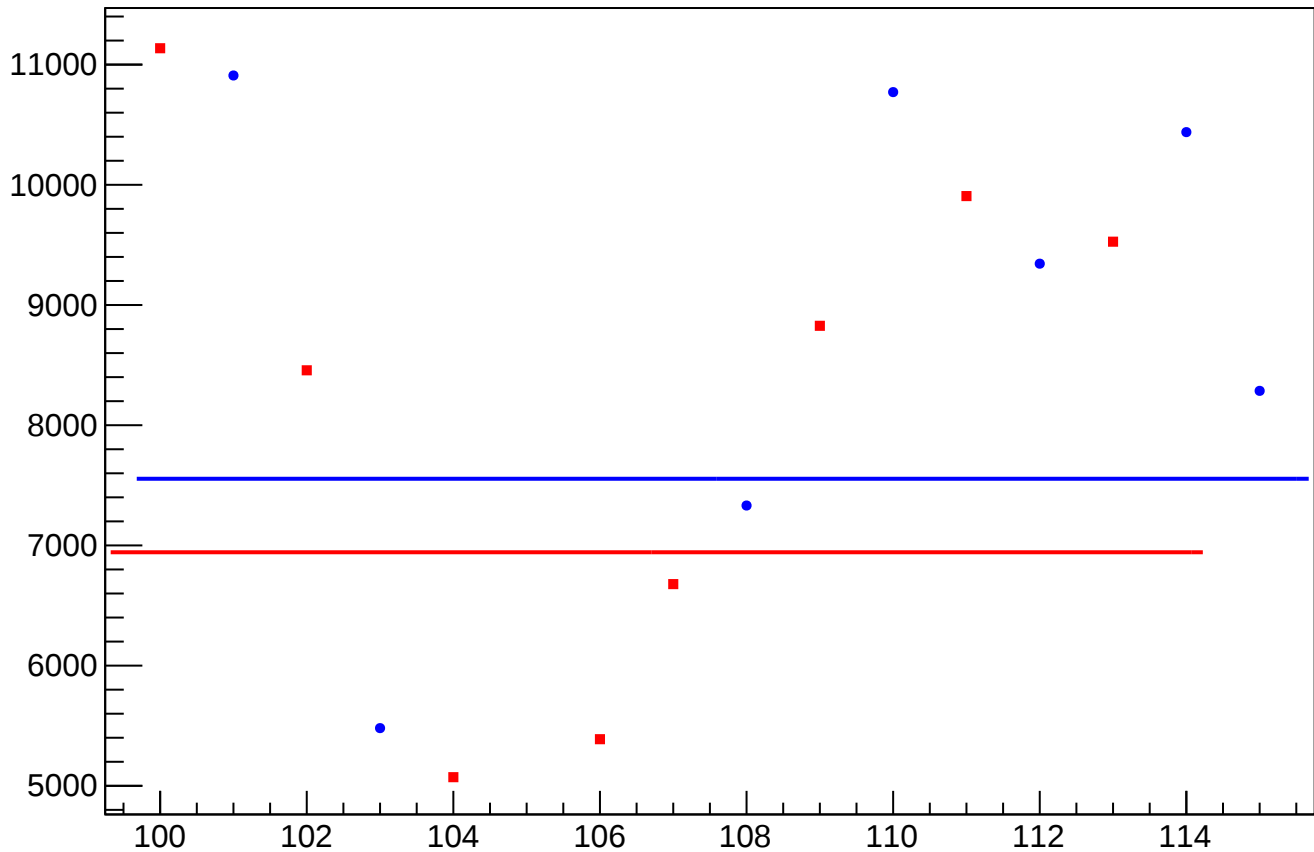
Right: 7290.572+/-3164.907 χ^2/NDF : 14.4/14

In: 10655.556+/-4860.709 χ^2/NDF : 5.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7290.572+/-3164.907 χ^2/NDF : 14.4/14

asym_atr2_rms vs Slug, Sign Corrected



Right In: 7554.519+/-3.437 χ^2/NDF : 390790.6/6

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

Right Out: 6943.042+/-2.948 χ^2/NDF : 410277.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

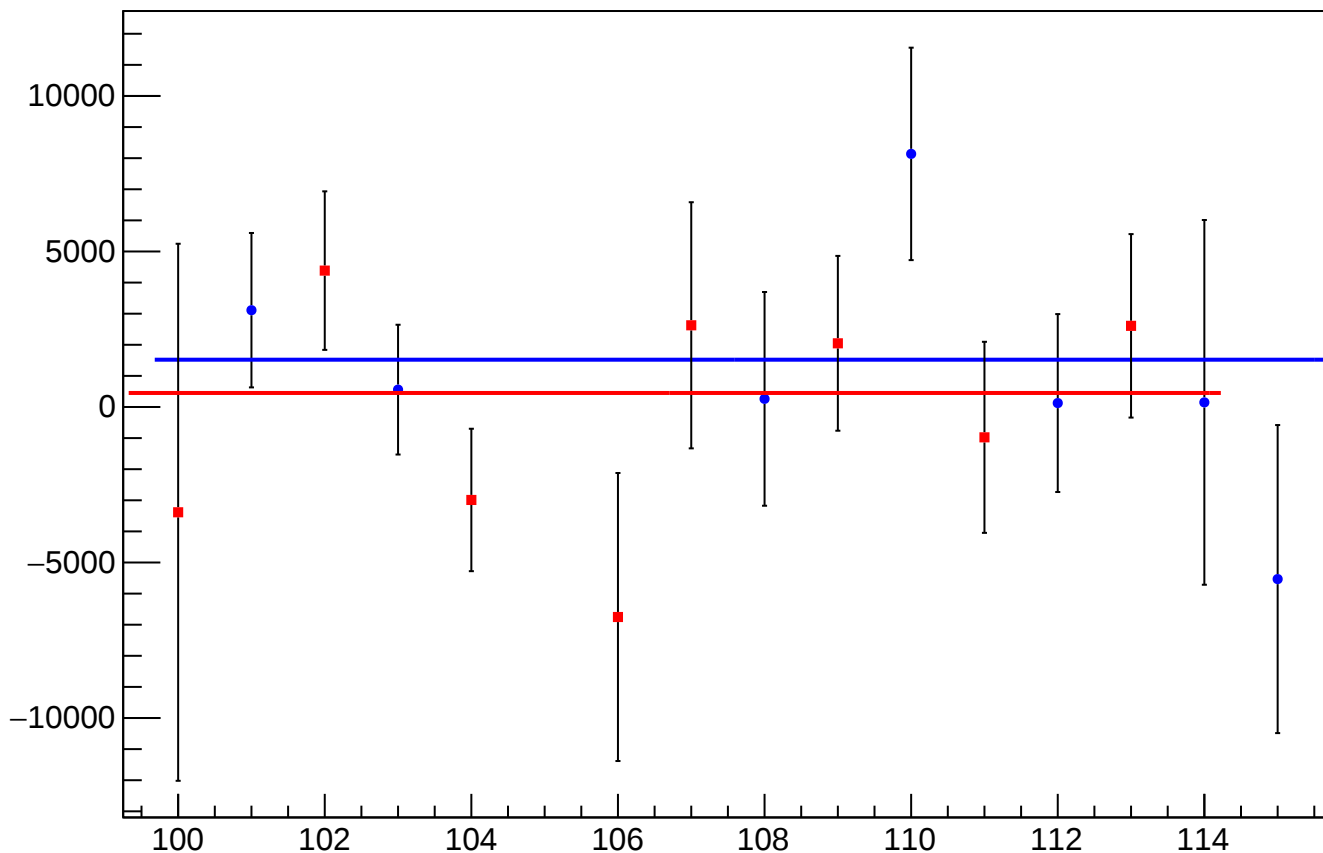
Right: 7202.264+/-2.238 χ^2/NDF : 819301.9/14

In: 7554.519+/-3.437 χ^2/NDF : 390790.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7202.264+/-2.238 χ^2/NDF : 819301.9/14

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1520.421+/-1151.234 χ^2/NDF : 6.8/6

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

Right Out: 450.803+/-1106.918 χ^2/NDF : 8.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

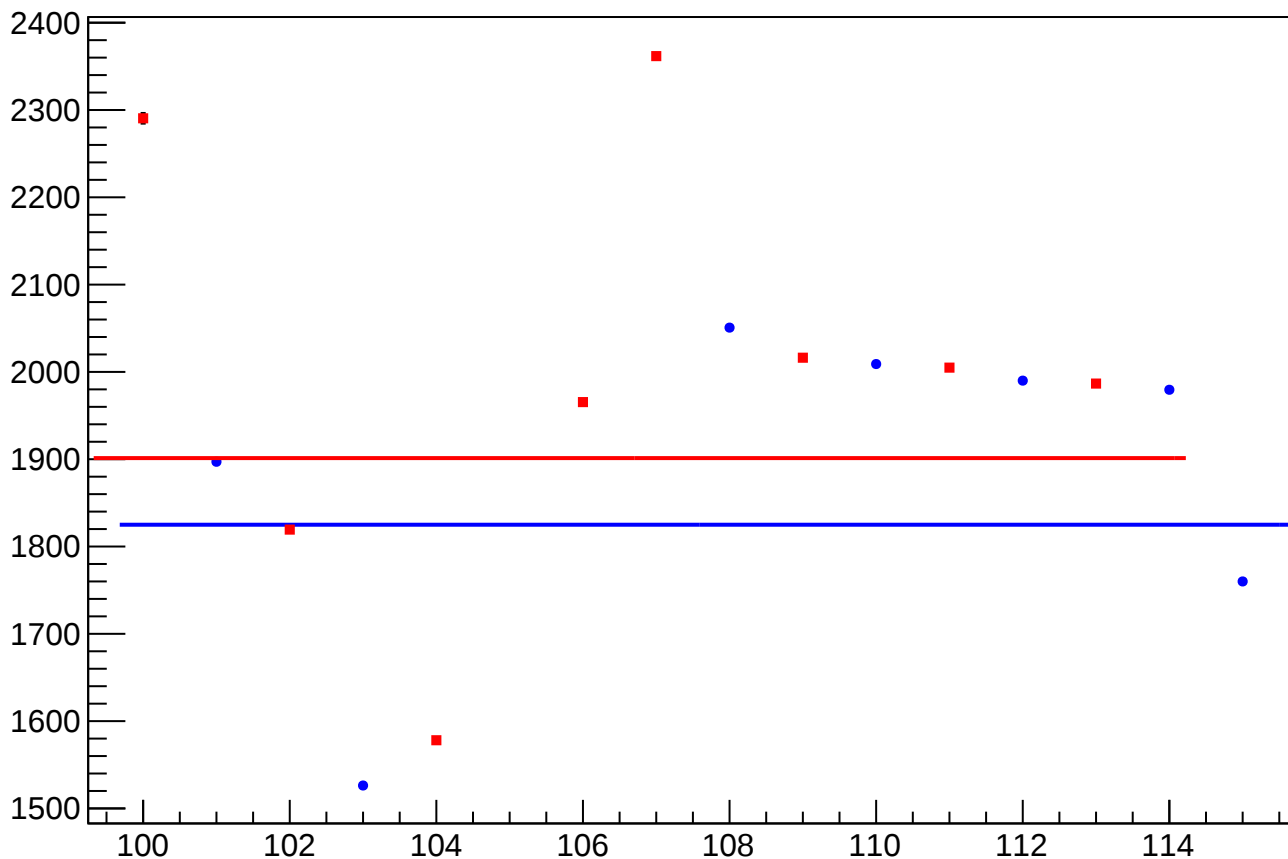
Right: 964.629+/-797.916 χ^2/NDF : 15.9/14

In: 1520.421+/-1151.234 χ^2/NDF : 6.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 964.629+/-797.916 χ^2/NDF : 15.9/14

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1824.967+/-0.814 χ^2/NDF : 65524.6/6

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

Right Out: 1901.284+/-0.773 χ^2/NDF : 80903.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

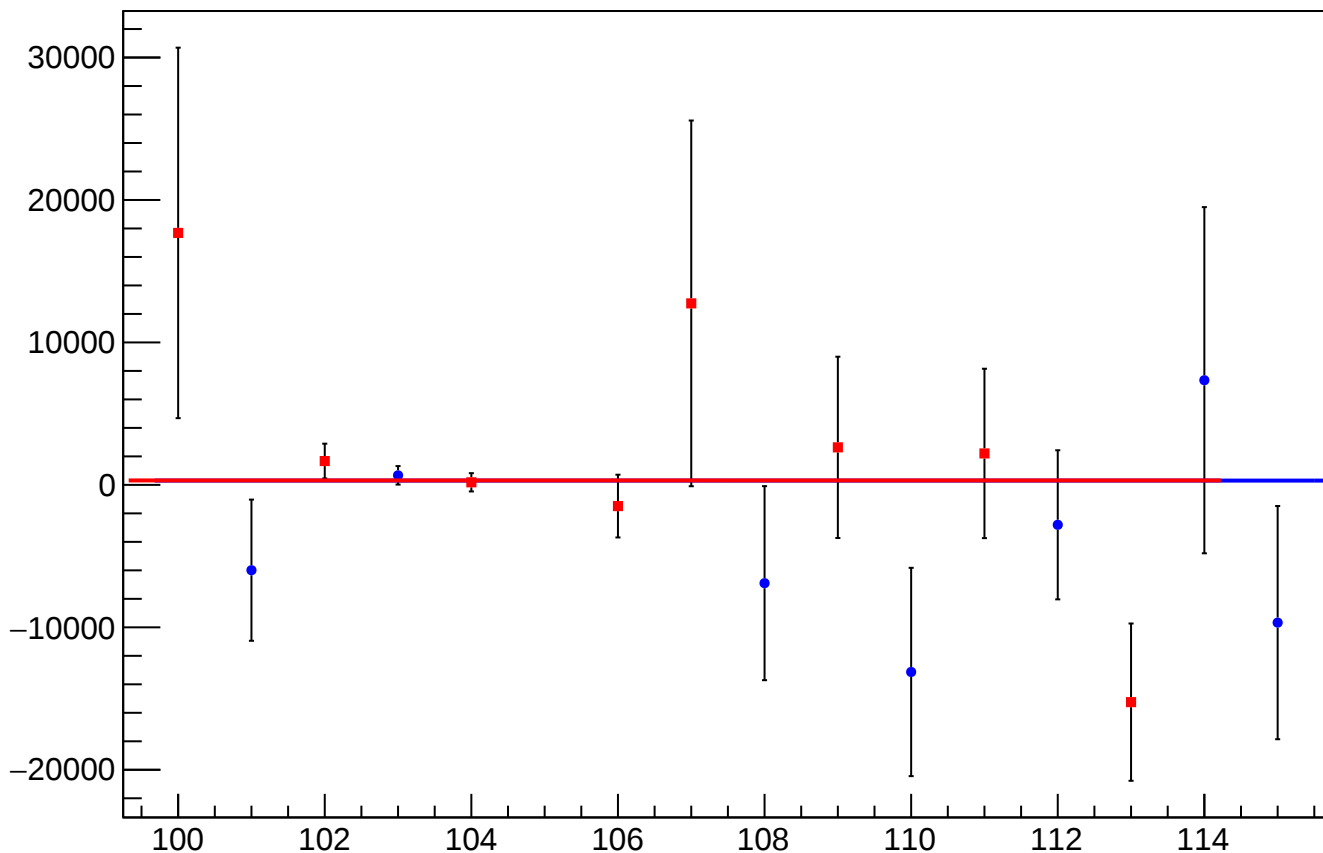
Right: 1865.081+/-0.561 χ^2/NDF : 151047.9/14

In: 1824.967+/-0.814 χ^2/NDF : 65524.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1865.081+/-0.561 χ^2/NDF : 151047.9/14

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 301.079+/-630.389 χ^2/NDF : 8.6/6

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

Right Out: 312.367+/-541.733 χ^2/NDF : 12.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

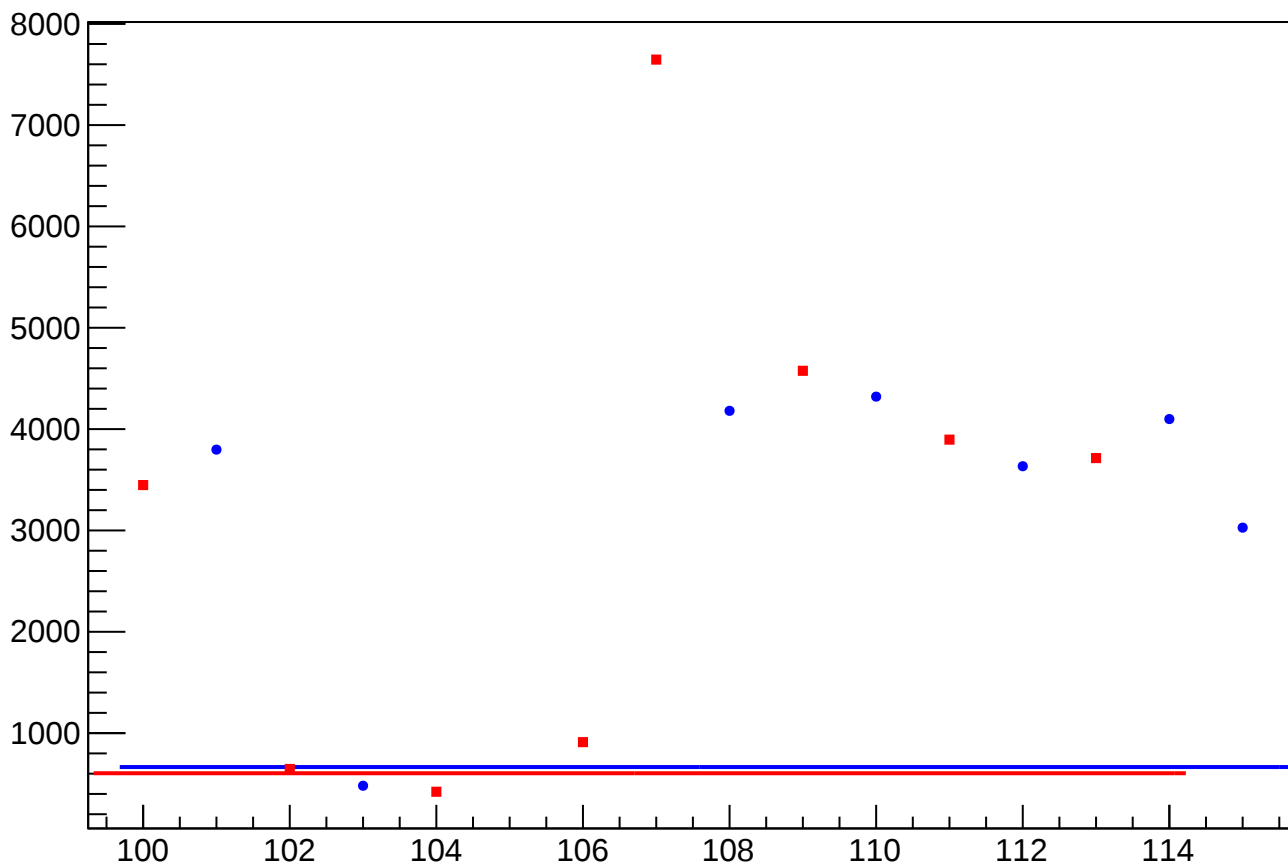
Right: 307.572+/-410.863 χ^2/NDF : 21.5/14

In: 301.079+/-630.389 χ^2/NDF : 8.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 307.572+/-410.863 χ^2/NDF : 21.5/14

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 665.444+/-0.446 χ^2/NDF : 2963027.5/6

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

Right Out: 604.257+/-0.383 χ^2/NDF : 2927599.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

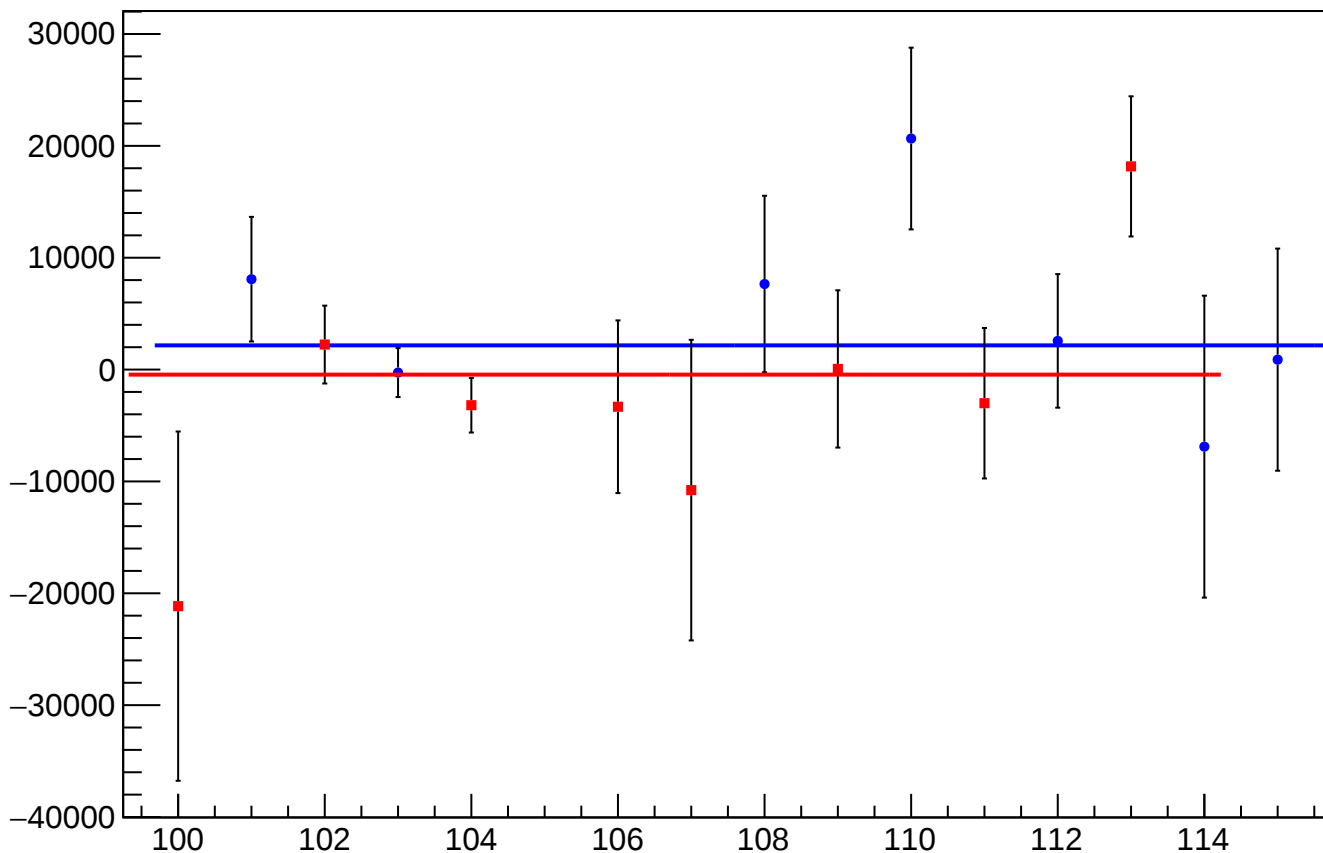
Right: 630.249+/-0.291 χ^2/NDF : 5901465.2/14

In: 665.444+/-0.446 χ^2/NDF : 2963027.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 630.249+/-0.291 χ^2/NDF : 5901465.2/14

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2163.475+/-1779.198 χ^2/NDF : 8.5/6

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

Right Out: -450.718+/-1703.121 χ^2/NDF : 13.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

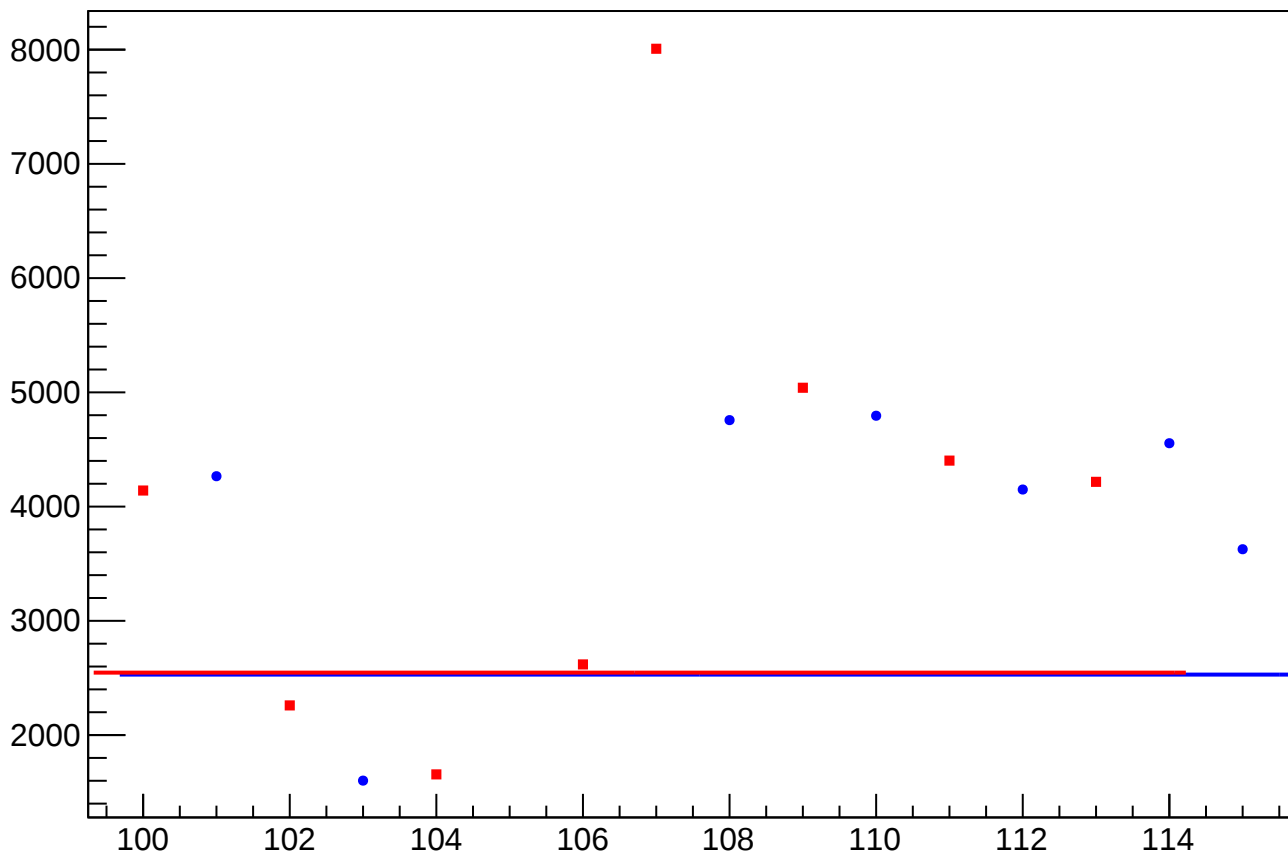
Right: 799.294+/-1230.304 χ^2/NDF : 22.9/14

In: 2163.475+/-1779.198 χ^2/NDF : 8.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 799.294+/-1230.304 χ^2/NDF : 22.9/14

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 2529.408+/-1.258 χ^2/NDF : 1085755.7/6

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

Right Out: 2546.638+/-1.174 χ^2/NDF : 1177527.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

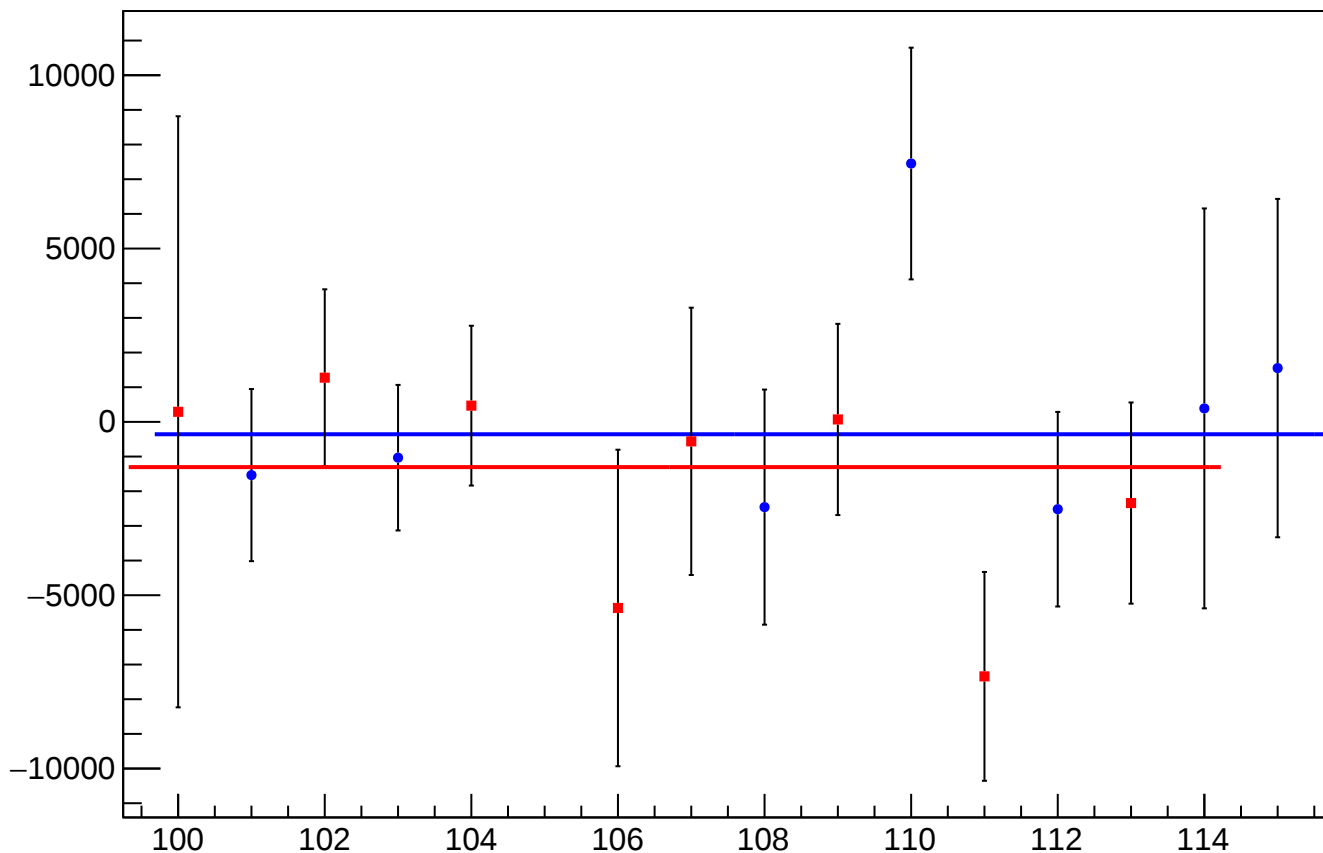
Right: 2538.617+/-0.858 χ^2/NDF : 2263383.2/14

In: 2529.408+/-1.258 χ^2/NDF : 1085755.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2538.617+/-0.858 χ^2/NDF : 2263383.2/14

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -356.606+/-1143.607 χ^2/NDF : 6.9/6

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

Right Out: -1304.485+/-1096.629 χ^2/NDF : 6.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

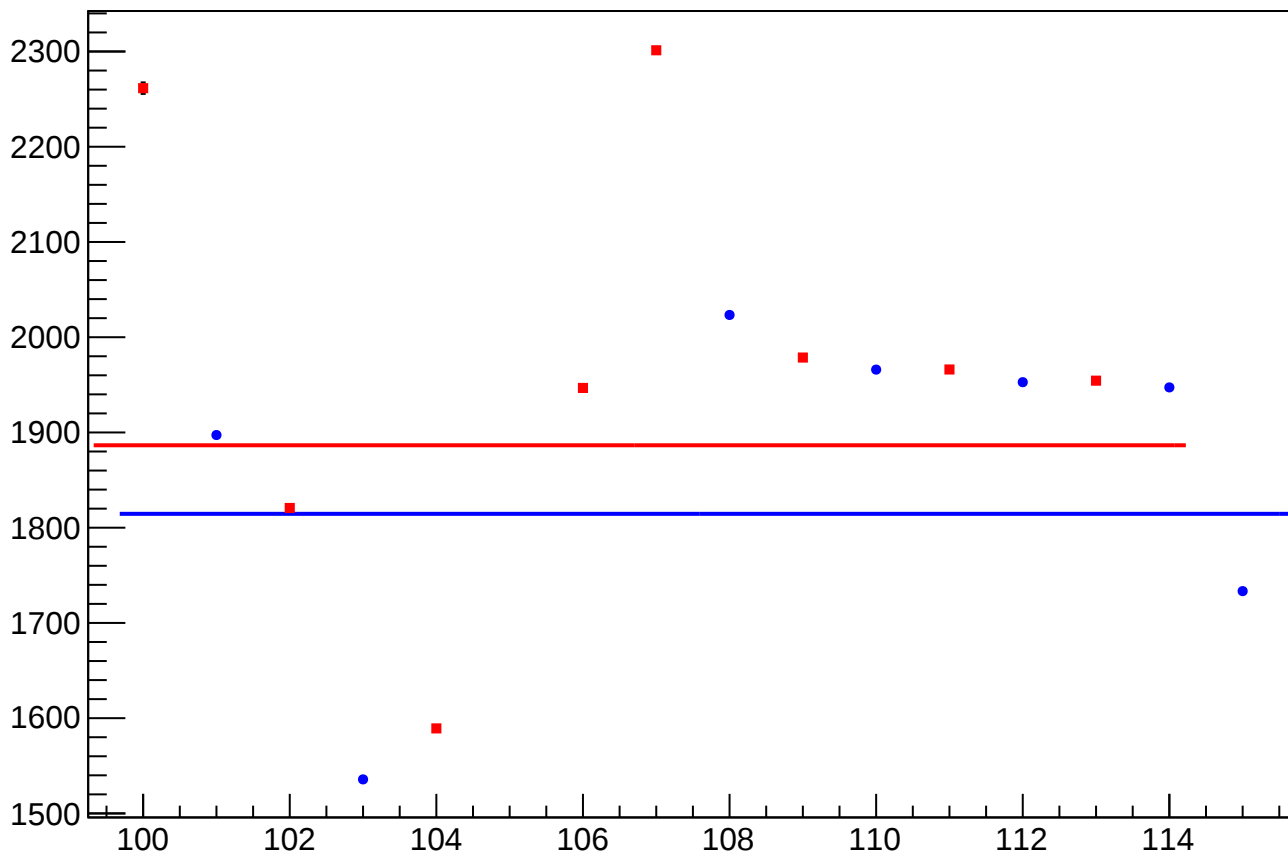
Right: -850.414+/-791.521 χ^2/NDF : 14.2/14

In: -356.606+/-1143.607 χ^2/NDF : 6.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -850.414+/-791.521 χ^2/NDF : 14.2/14

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1814.561+/-0.809 χ^2/NDF : 55662.4/6

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

Right Out: 1886.539+/-0.766 χ^2/NDF : 66827.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

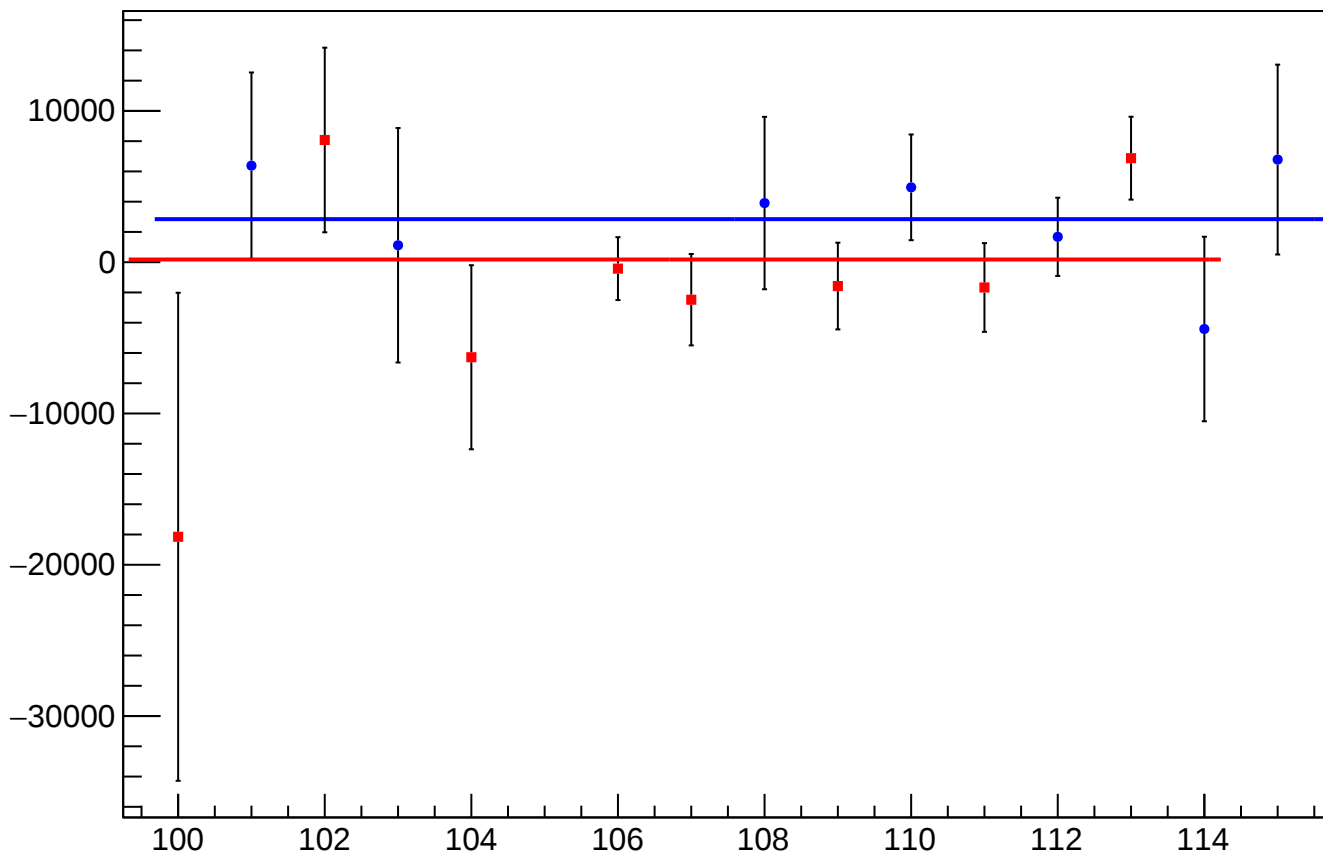
Right: 1852.483+/-0.556 χ^2/NDF : 126663.8/14

In: 1814.561+/-0.809 χ^2/NDF : 55662.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1852.483+/-0.556 χ^2/NDF : 126663.8/14

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 2844.719+/-1672.365 χ^2/NDF : 2.8/6

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

Right Out: 177.971+/-1139.580 χ^2/NDF : 11.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

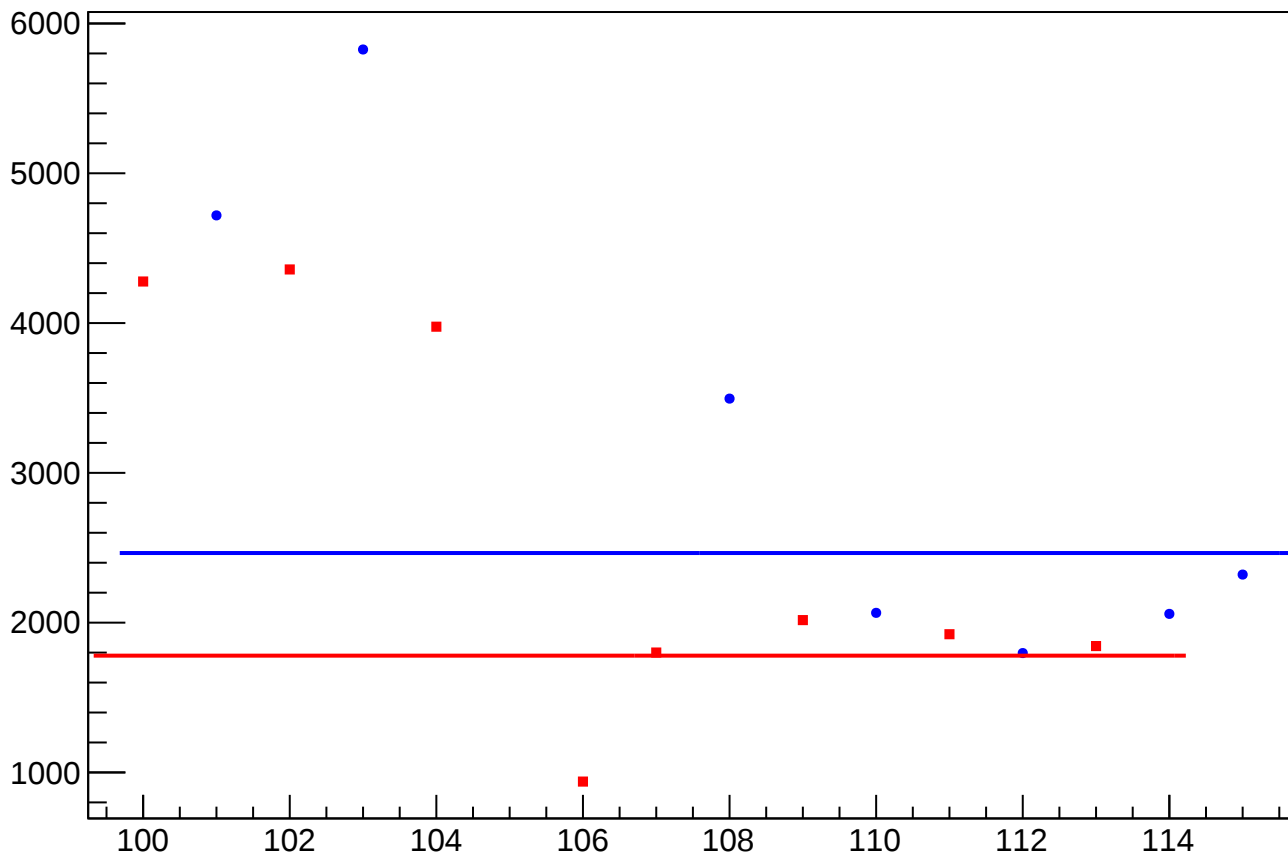
Right: 1023.582+/-941.728 χ^2/NDF : 16.2/14

In: 2844.719+/-1672.365 χ^2/NDF : 2.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1023.582+/-941.728 χ^2/NDF : 16.2/14

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 2464.813+/-1.183 χ^2/NDF : 879159.8/6

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

Right Out: 1779.682+/-0.806 χ^2/NDF : 1012432.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

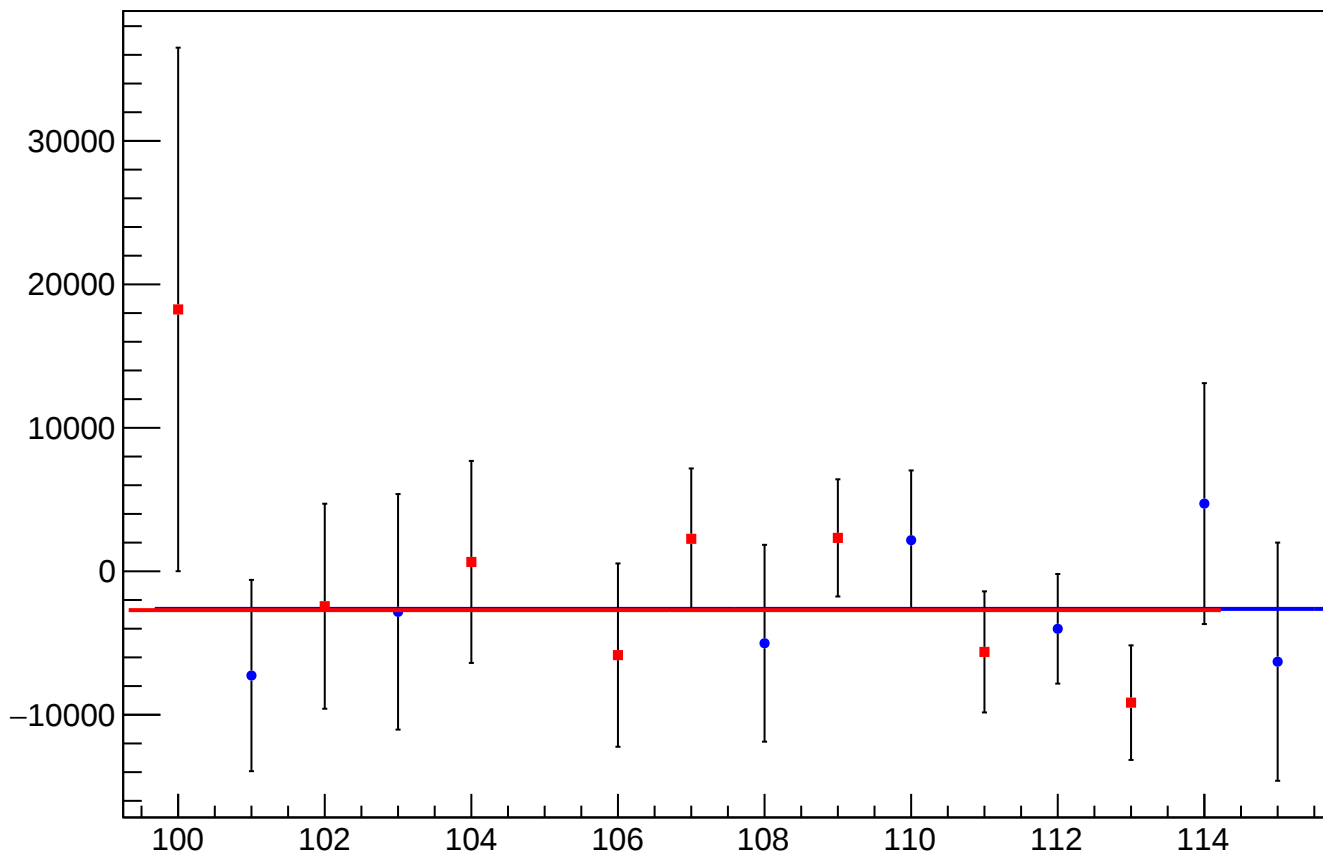
Right: 1996.933+/-0.666 χ^2/NDF : 2120825.2/14

In: 2464.813+/-1.183 χ^2/NDF : 879159.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1996.933+/-0.666 χ^2/NDF : 2120825.2/14

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -2619.927+/-2246.789 χ^2/NDF : 2.7/6

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

Right Out: -2706.074+/-1864.709 χ^2/NDF : 7.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

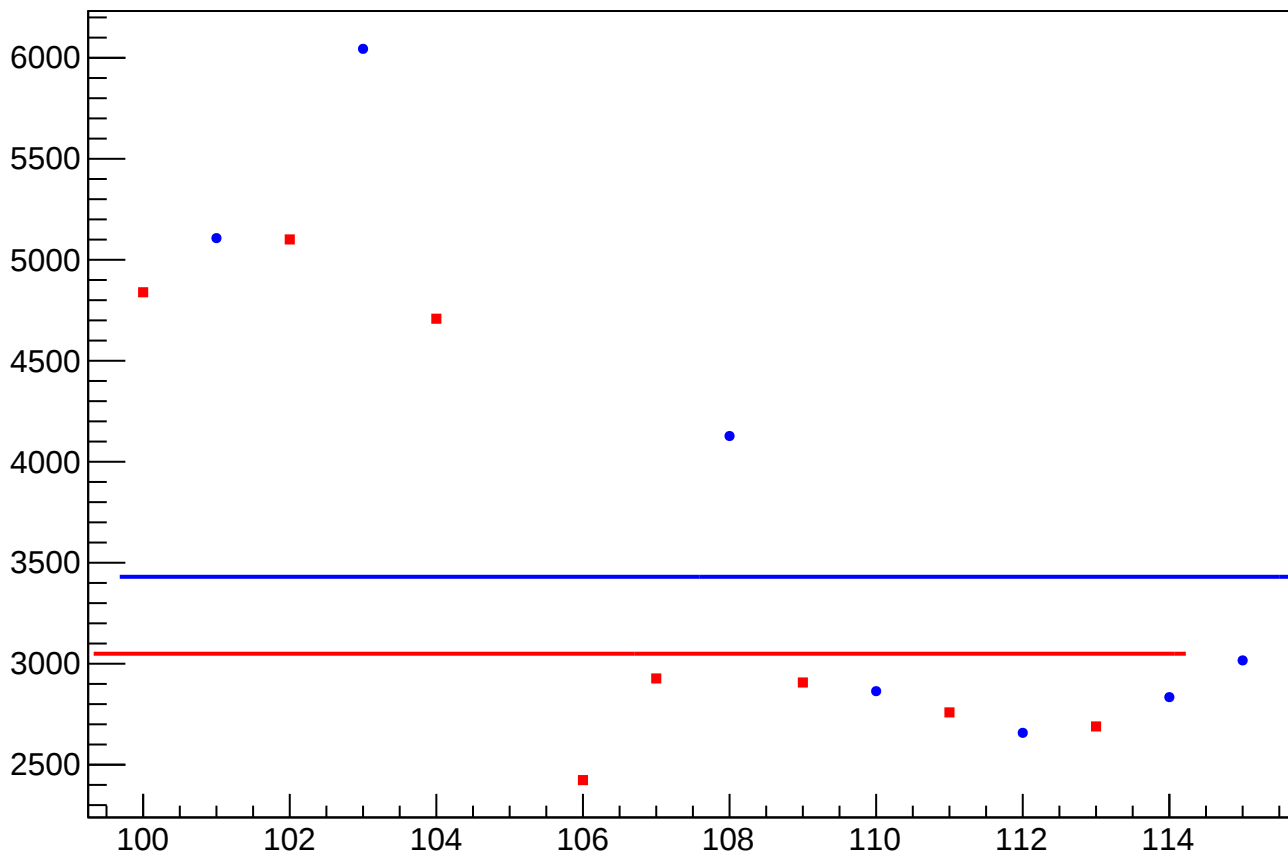
Right: -2670.937+/-1434.898 χ^2/NDF : 10.1/14

In: -2619.927+/-2246.789 χ^2/NDF : 2.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2670.937+/-1434.898 χ^2/NDF : 10.1/14

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3430.404+/-1.589 χ^2/NDF : 473992.3/6

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

Right Out: 3049.511+/-1.279 χ^2/NDF : 357702.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

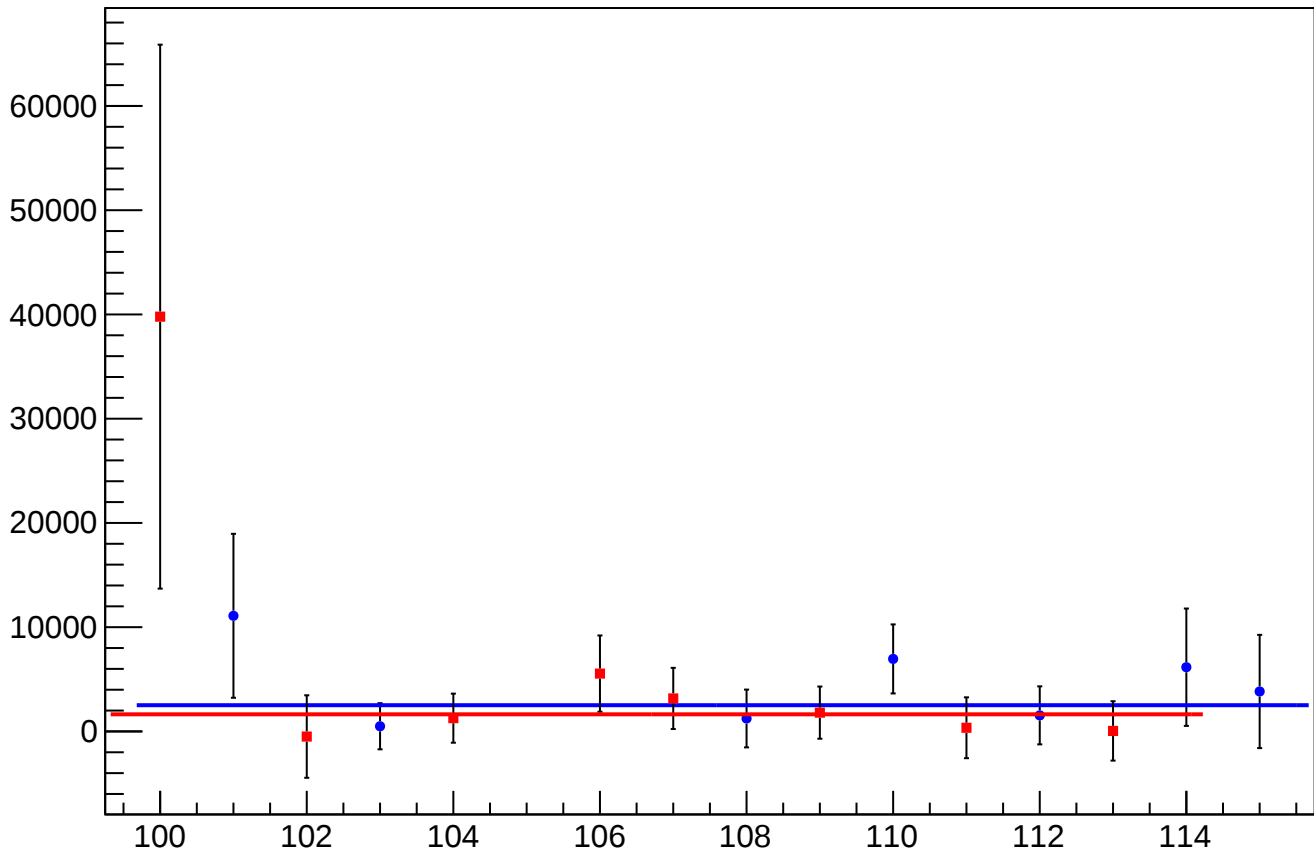
Right: 3199.348+/-0.996 χ^2/NDF : 866563.9/14

In: 3430.404+/-1.589 χ^2/NDF : 473992.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3199.348+/-0.996 χ^2/NDF : 866563.9/14

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2515.315+/-1253.905 χ^2/NDF : 4.6/6

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

Right Out: 1640.750+/-1093.046 χ^2/NDF : 4.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

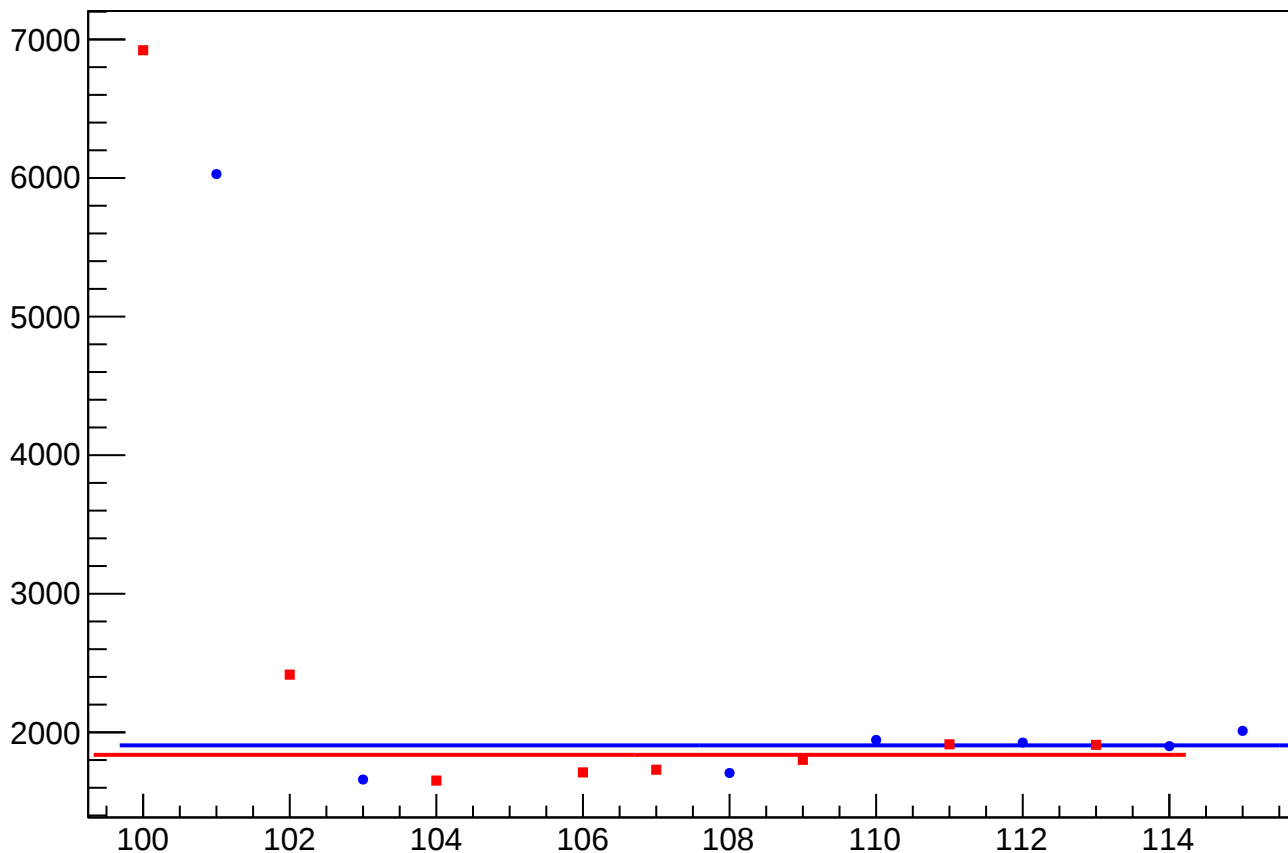
Right: 2018.371+/-823.941 χ^2/NDF : 9.3/14

In: 2515.315+/-1253.905 χ^2/NDF : 4.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2018.371+/-823.941 χ^2/NDF : 9.3/14

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1905.983+/-0.887 χ^2/NDF : 586024.4/6

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

Right Out: 1837.578+/-0.769 χ^2/NDF : 139589.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

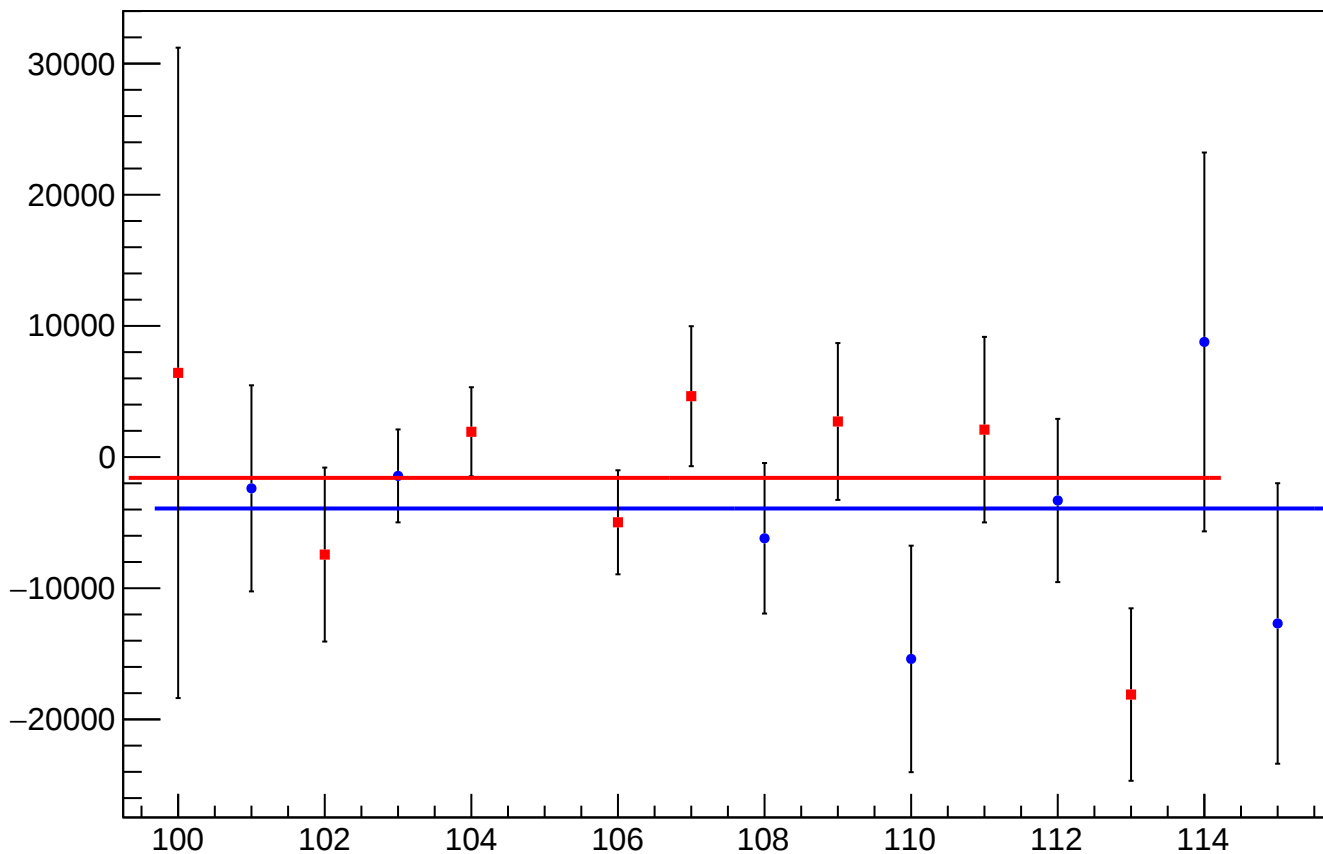
Right: 1866.944+/-0.581 χ^2/NDF : 729010.9/14

In: 1905.983+/-0.887 χ^2/NDF : 586024.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1866.944+/-0.581 χ^2/NDF : 729010.9/14

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -3920.044+/-2363.409 χ^2/NDF : 3.9/6

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

Right Out: -1585.858+/-1886.921 χ^2/NDF : 11.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

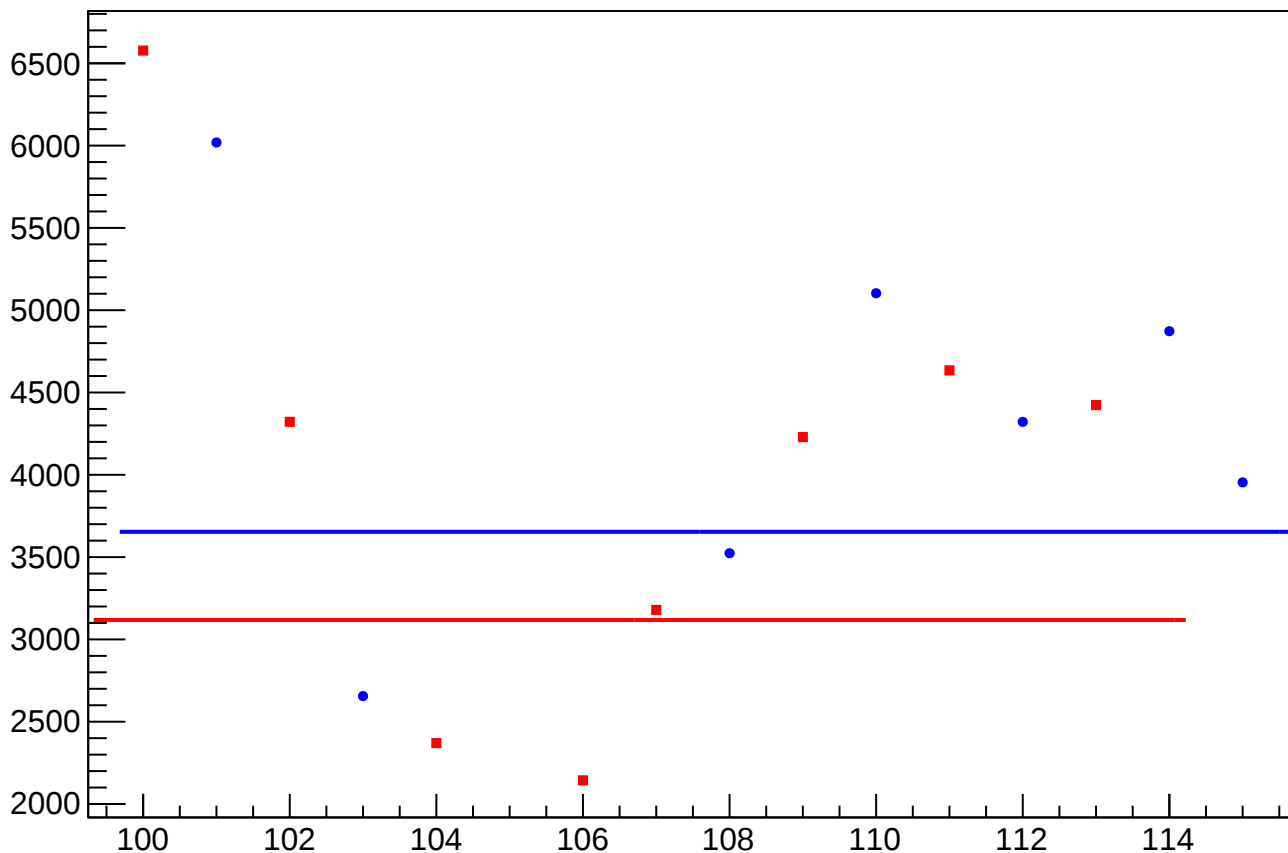
Right: -2494.522+/-1474.595 χ^2/NDF : 15.6/14

In: -3920.044+/-2363.409 χ^2/NDF : 3.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2494.522+/-1474.595 χ^2/NDF : 15.6/14

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 3653.697+/-1.671 χ^2/NDF : 436236.8/6

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

Right Out: 3118.006+/-1.334 χ^2/NDF : 562559.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

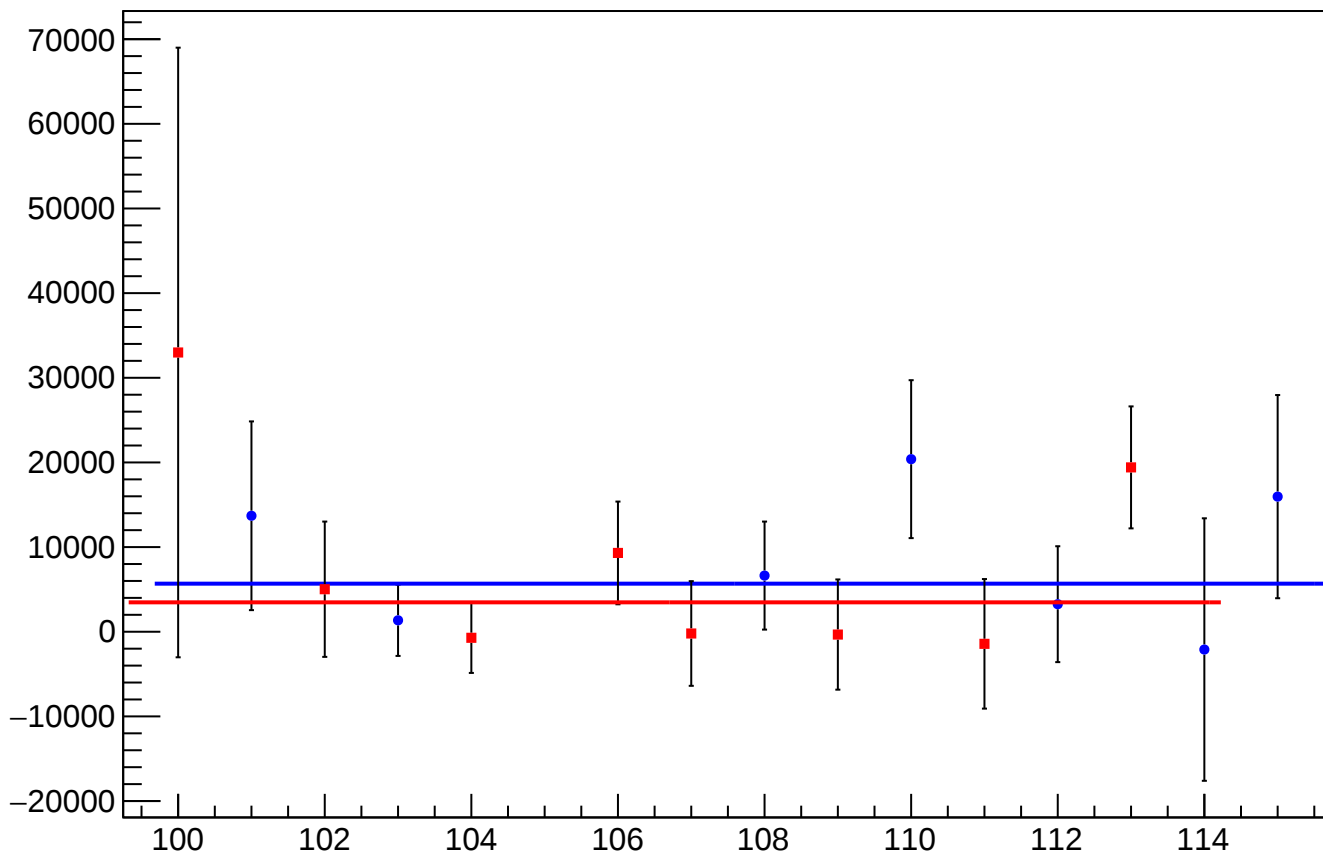
Right: 3326.542+/-1.043 χ^2/NDF : 1061546.9/14

In: 3653.697+/-1.671 χ^2/NDF : 436236.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3326.542+/-1.043 χ^2/NDF : 1061546.9/14

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 5679.466+/-2742.004 χ^2/NDF : 5.2/6

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

Right Out: 3473.145+/-2308.126 χ^2/NDF : 8.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

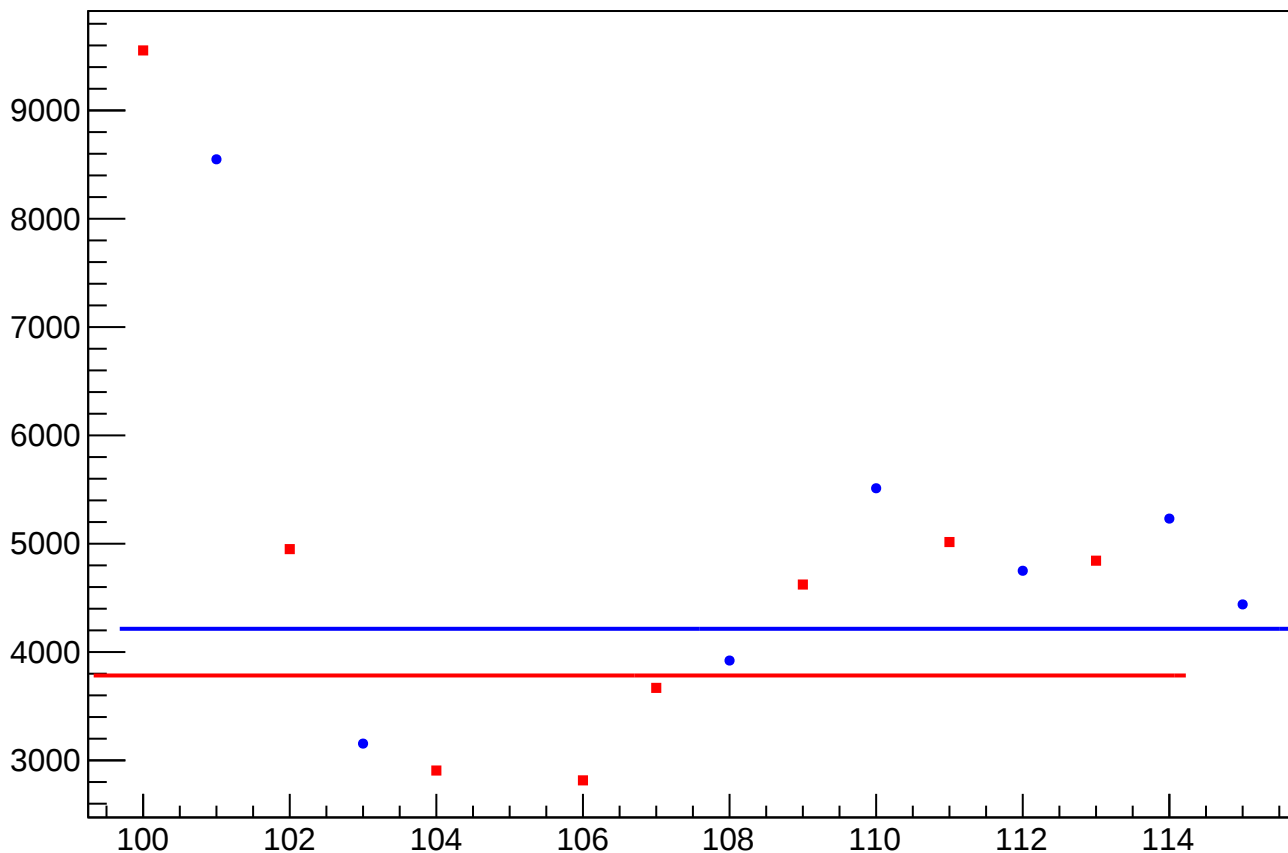
Right: 4388.140+/-1765.806 χ^2/NDF : 14.2/14

In: 5679.466+/-2742.004 χ^2/NDF : 5.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4388.140+/-1765.806 χ^2/NDF : 14.2/14

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4214.515+/-1.939 χ^2/NDF : 493667.6/6

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

Right Out: 3783.597+/-1.615 χ^2/NDF : 370631.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

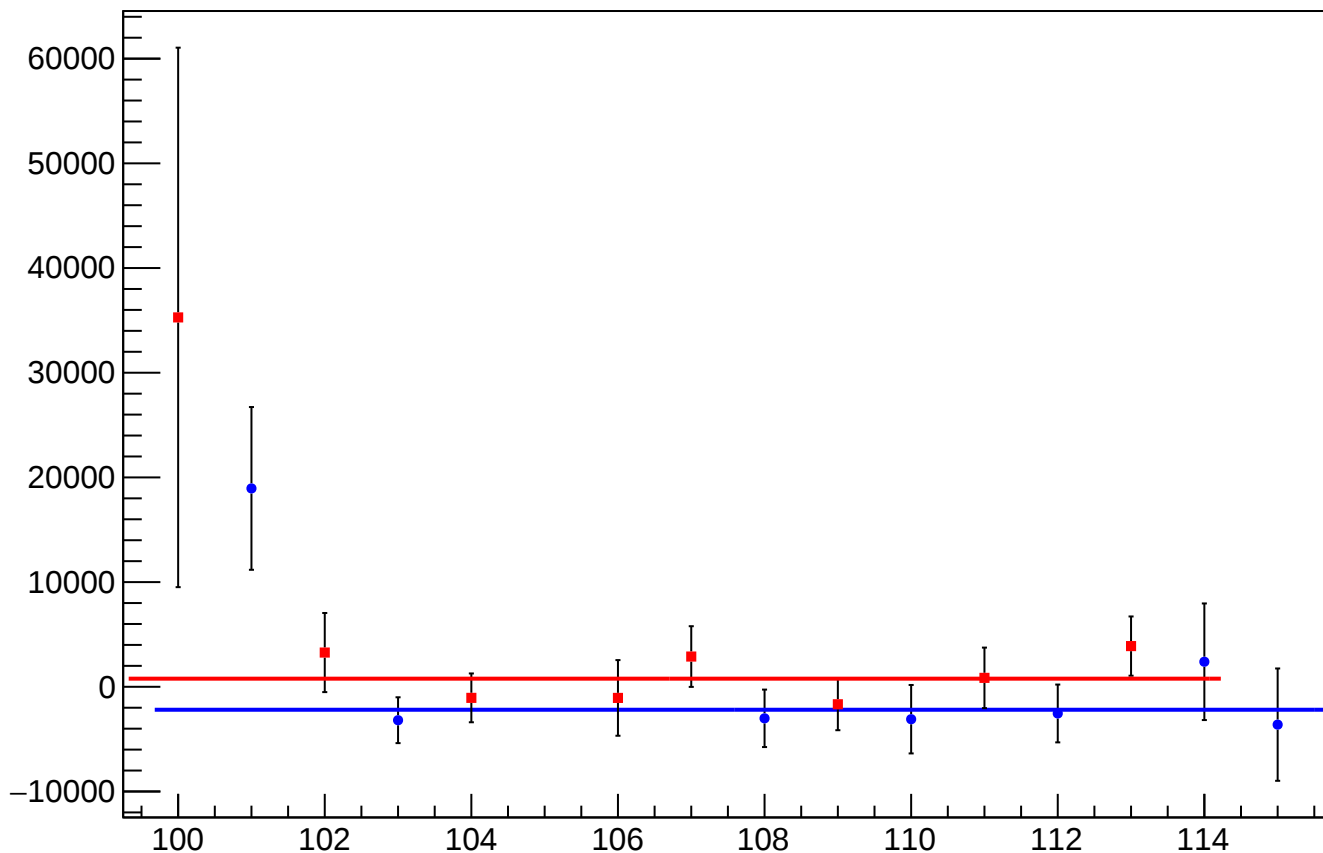
Right: 3960.151+/-1.241 χ^2/NDF : 893456.3/14

In: 4214.515+/-1.939 χ^2/NDF : 493667.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3960.151+/-1.241 χ^2/NDF : 893456.3/14

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2192.511+/-1240.733 χ^2/NDF : 8.5/6

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

Right Out: 775.972+/-1079.298 χ^2/NDF : 5.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

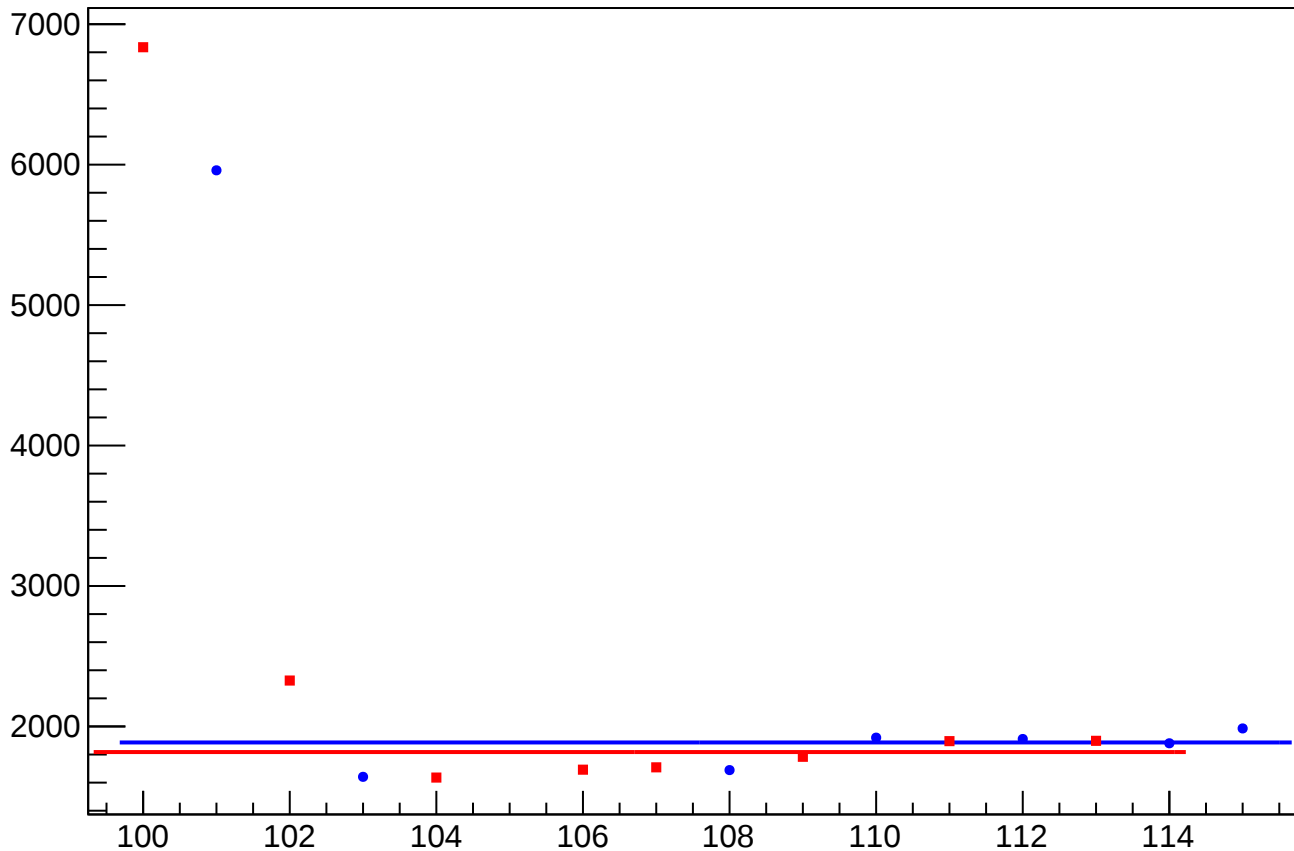
Right: -502.708+/-814.314 χ^2/NDF : 17.6/14

In: -2192.511+/-1240.733 χ^2/NDF : 8.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -502.708+/-814.314 χ^2/NDF : 17.6/14

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1885.978+/-0.877 χ^2/NDF : 585613.9/6

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

Right Out: 1817.639+/-0.759 χ^2/NDF : 133245.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

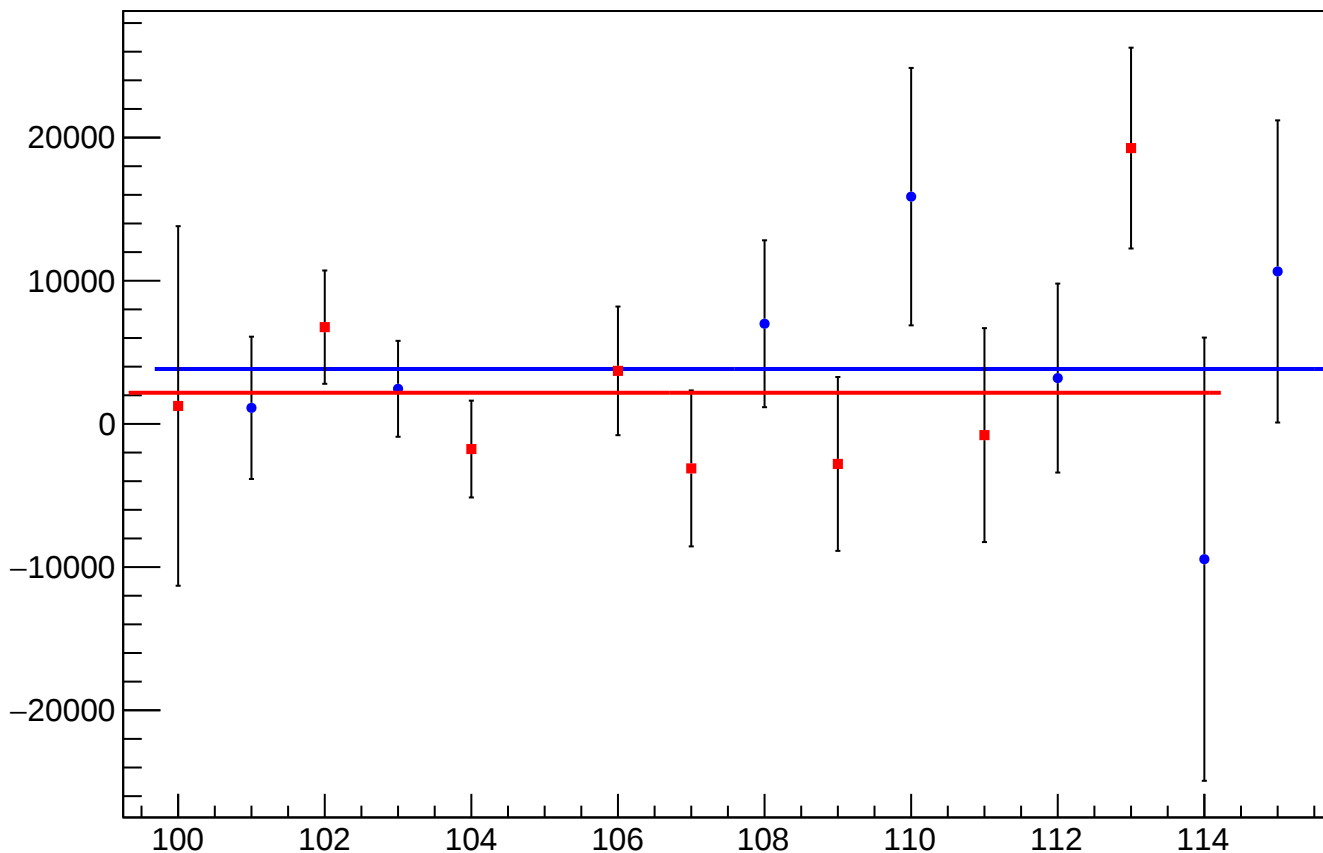
Right: 1846.911+/-0.574 χ^2/NDF : 722327.7/14

In: 1885.978+/-0.877 χ^2/NDF : 585613.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1846.911+/-0.574 χ^2/NDF : 722327.7/14

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 3836.142+/-2195.206 χ^2/NDF : 3.7/6

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

Right Out: 2176.861+/-1806.898 χ^2/NDF : 10.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

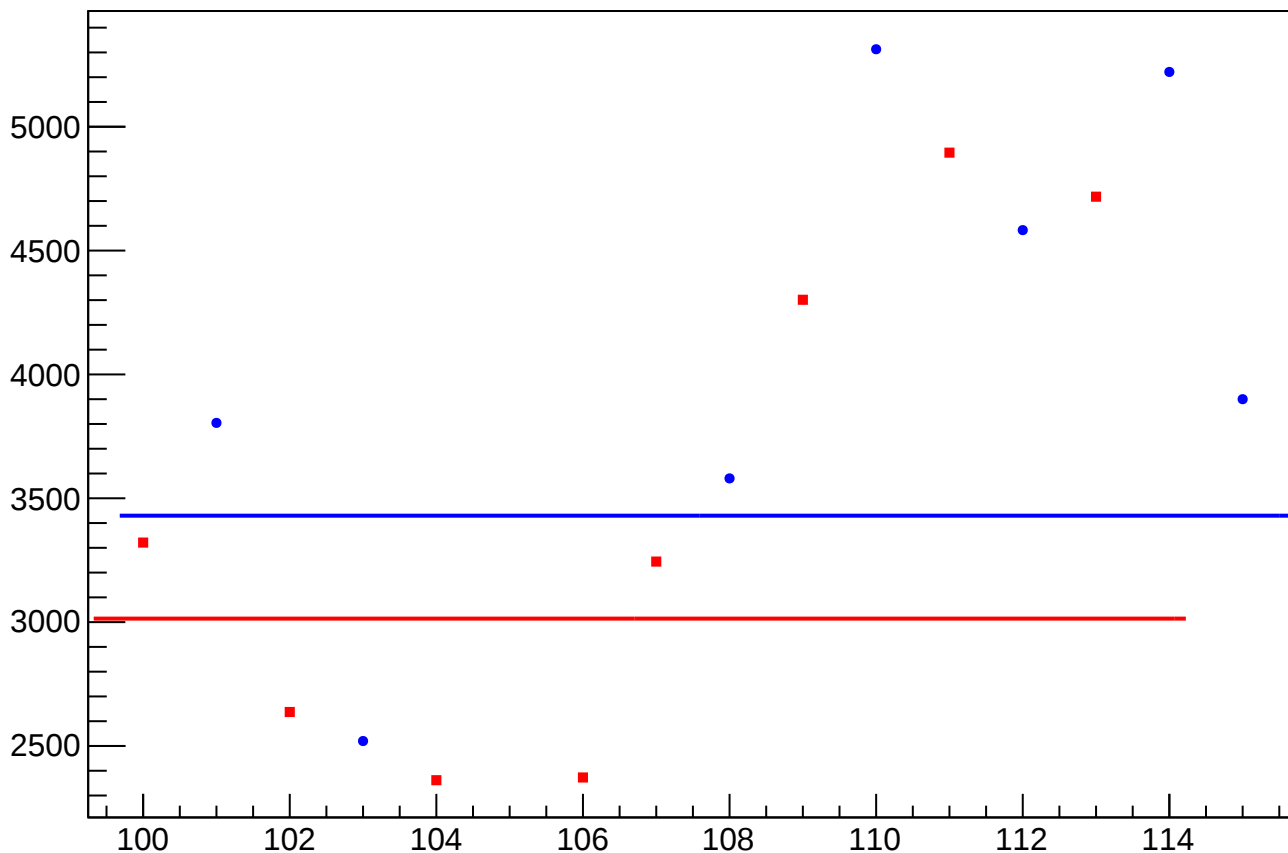
Right: 2847.010+/-1395.085 χ^2/NDF : 14.6/14

In: 3836.142+/-2195.206 χ^2/NDF : 3.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2847.010+/-1395.085 χ^2/NDF : 14.6/14

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 3429.771+/-1.552 χ^2/NDF : 339746.1/6

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

Right Out: 3014.225+/-1.278 χ^2/NDF : 472762.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

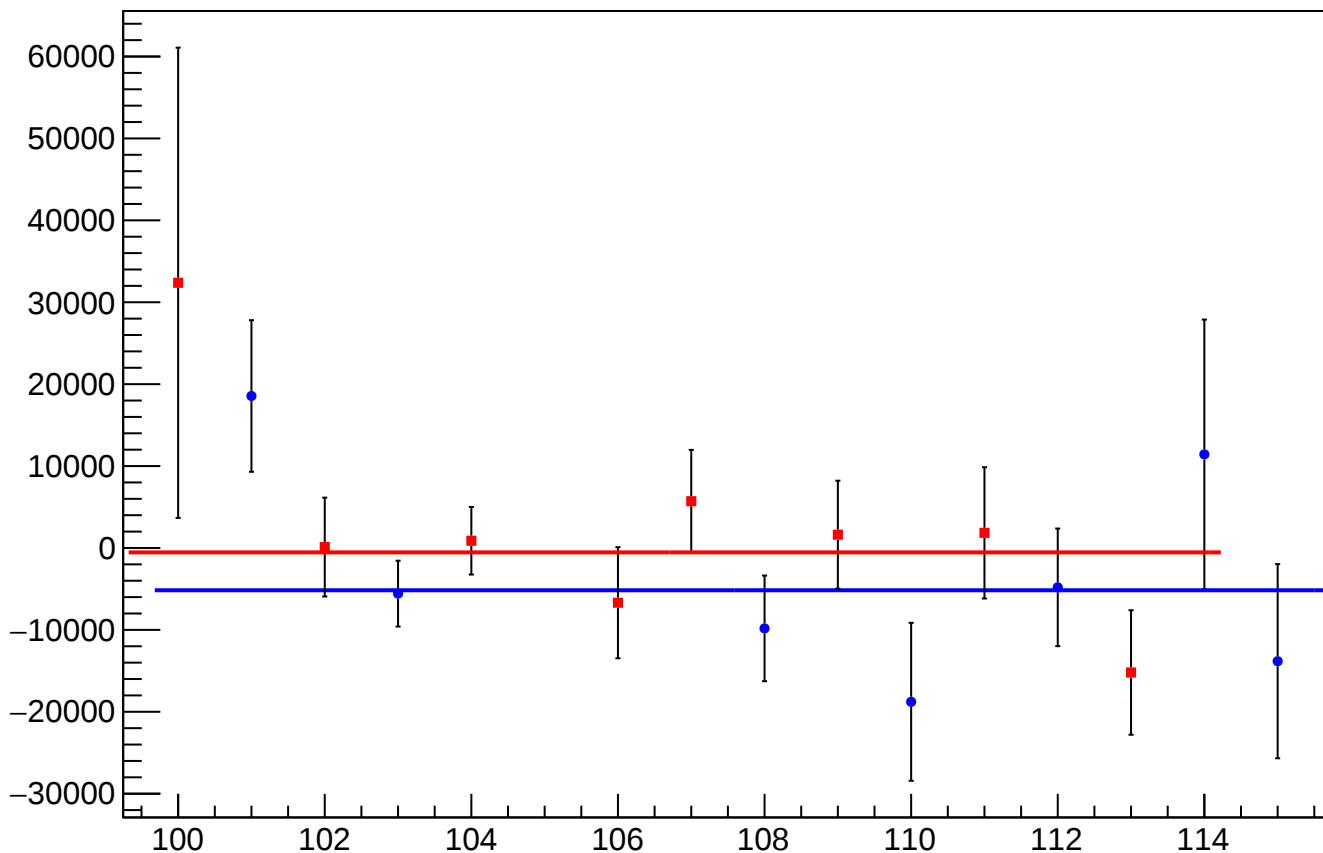
Right: 3182.055+/-0.986 χ^2/NDF : 855230.9/14

In: 3429.771+/-1.552 χ^2/NDF : 339746.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3182.055+/-0.986 χ^2/NDF : 855230.9/14

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -5164.239+/-2686.588 χ^2/NDF : 10.6/6

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

Right Out: -538.601+/-2290.539 χ^2/NDF : 7.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

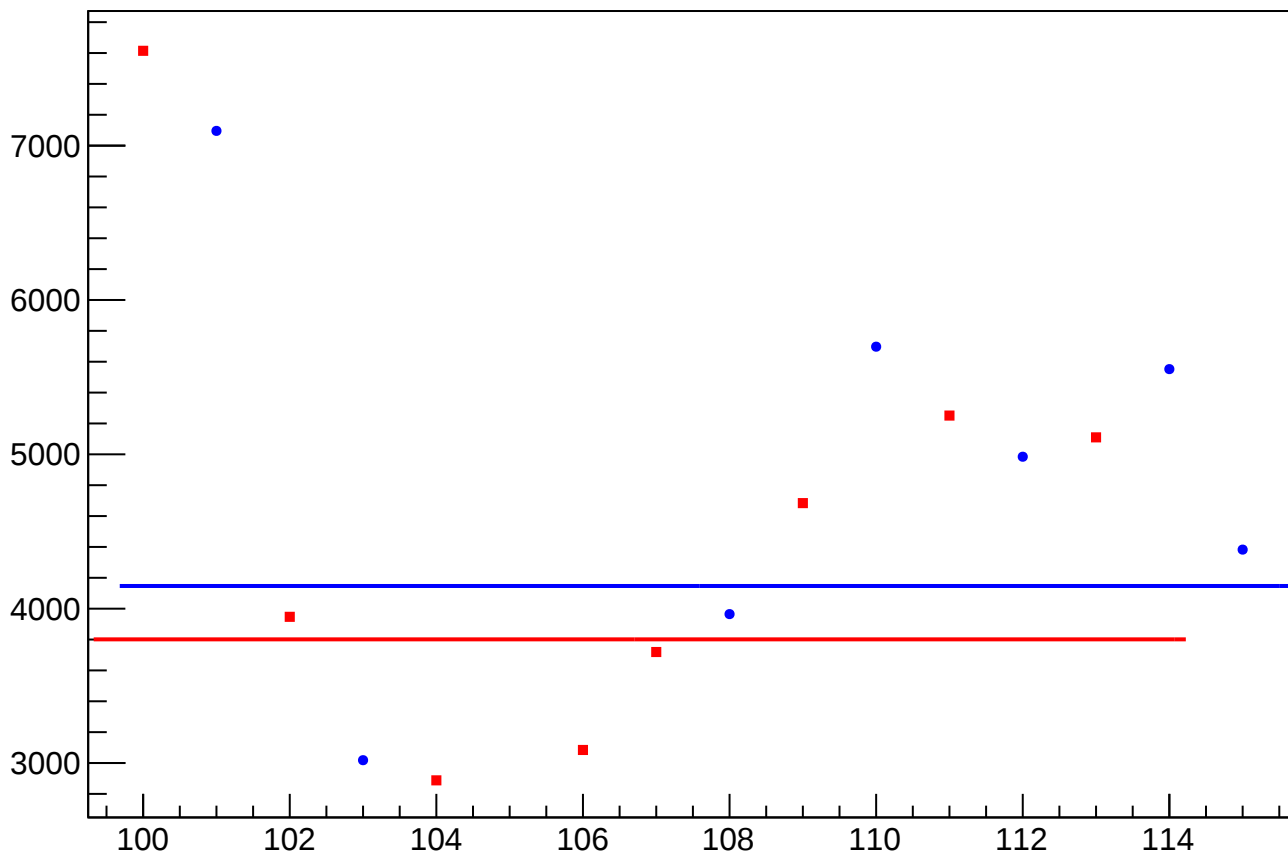
Right: -2485.656+/-1743.028 χ^2/NDF : 19.5/14

In: -5164.239+/-2686.588 χ^2/NDF : 10.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2485.656+/-1743.028 χ^2/NDF : 19.5/14

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4147.006+/-1.900 χ^2/NDF : 456594.0/6

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

Right Out: 3801.200+/-1.603 χ^2/NDF : 321965.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

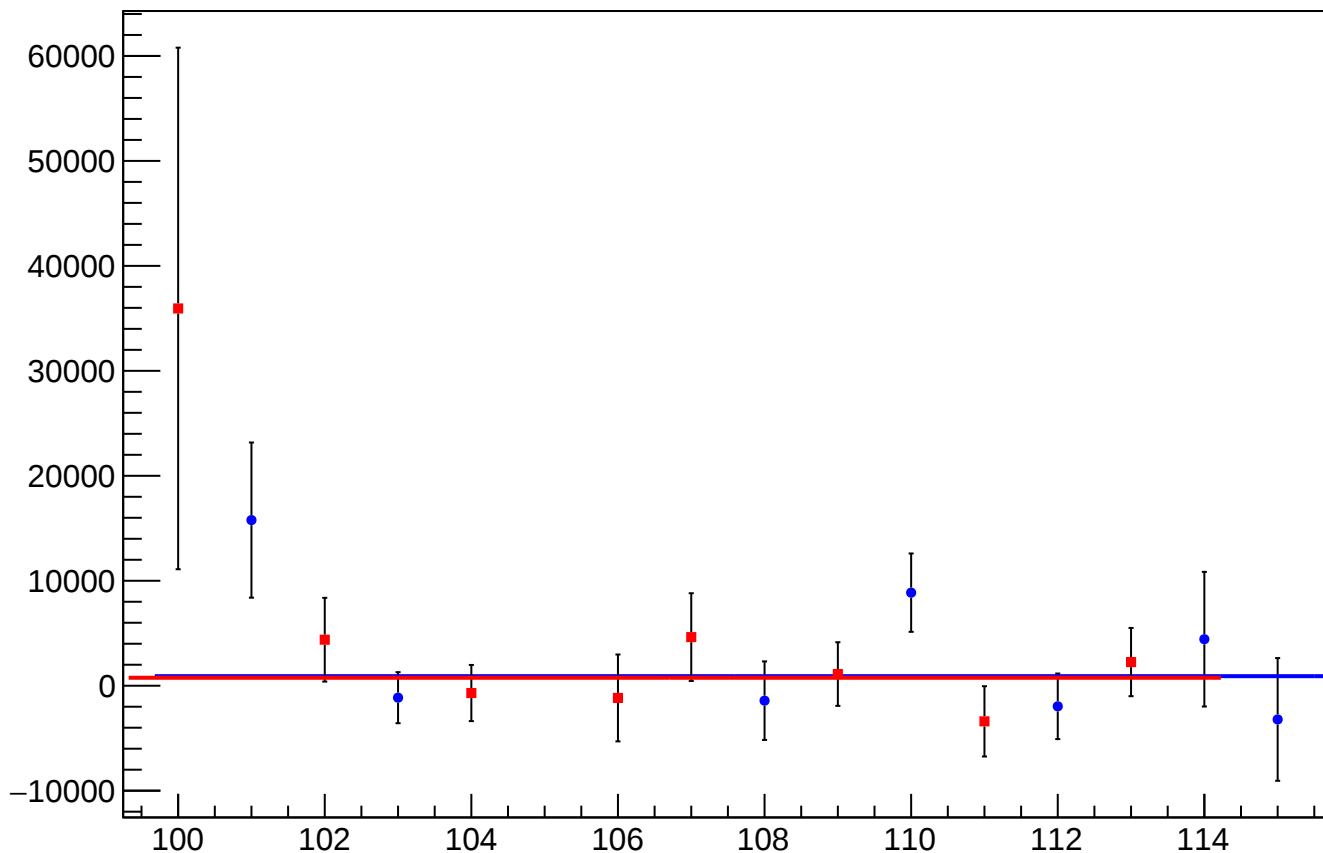
Right: 3945.048+/-1.225 χ^2/NDF : 797911.5/14

In: 4147.006+/-1.900 χ^2/NDF : 456594.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3945.048+/-1.225 χ^2/NDF : 797911.5/14

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 910.819+/-1433.197 χ^2/NDF : 11.3/6

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

Right Out: 759.079+/-1277.892 χ^2/NDF : 6.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

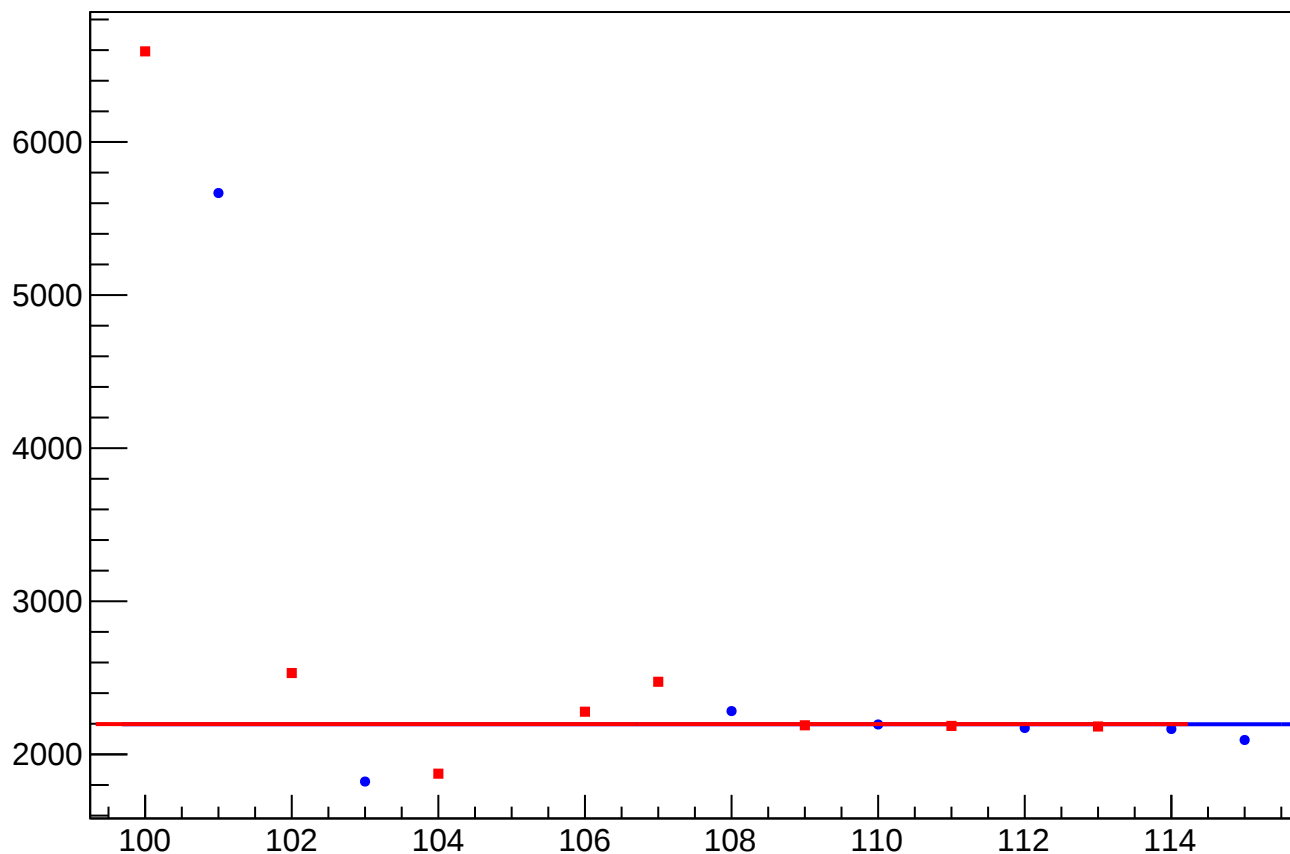
Right: 826.285+/-953.806 χ^2/NDF : 17.3/14

In: 910.819+/-1433.197 χ^2/NDF : 11.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 826.285+/-953.806 χ^2/NDF : 17.3/14

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2196.674+/-1.013 χ^2/NDF : 489896.6/6

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

Right Out: 2197.684+/-0.904 χ^2/NDF : 115436.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

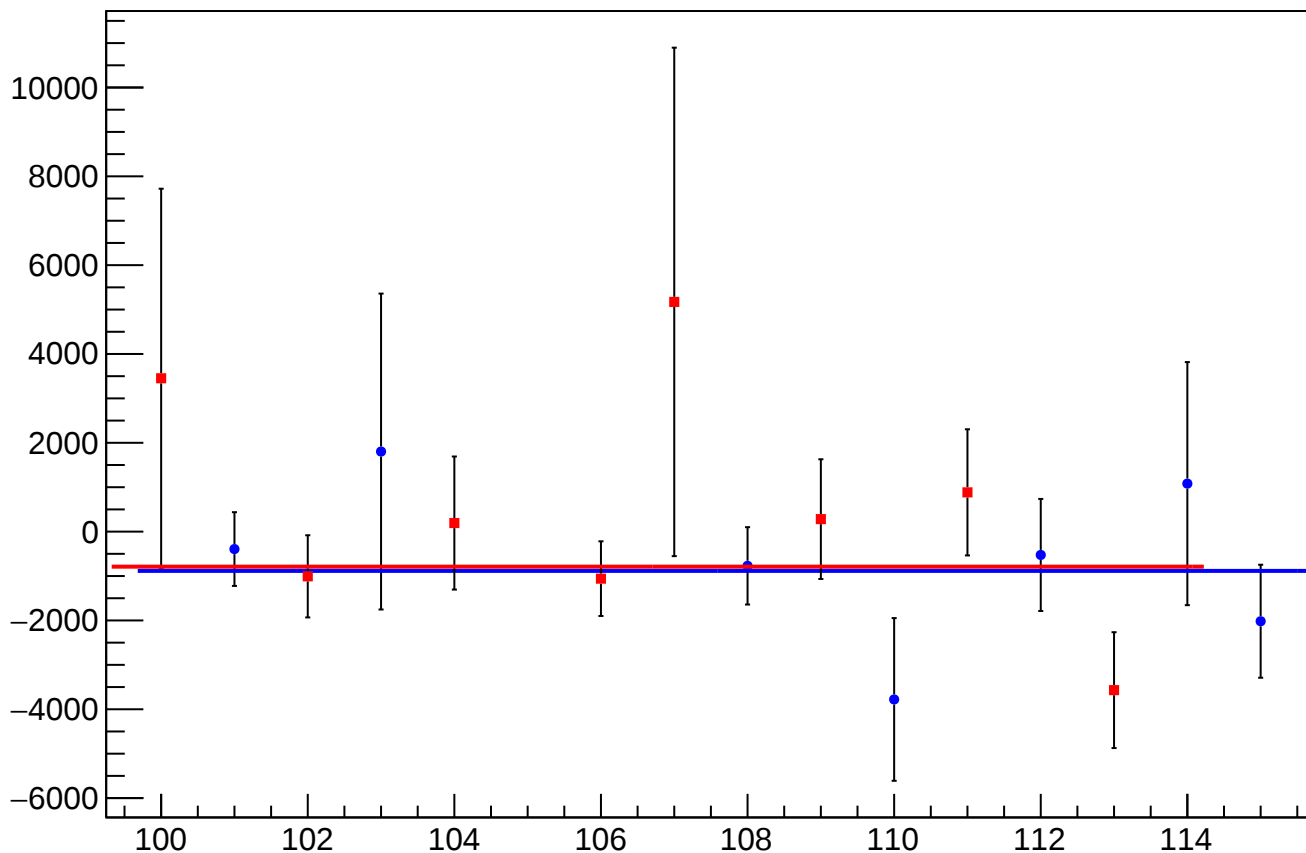
Right: 2197.236+/-0.674 χ^2/NDF : 605333.8/14

In: 2196.674+/-1.013 χ^2/NDF : 489896.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2197.236+/-0.674 χ^2/NDF : 605333.8/14

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -884.161+/-470.060 χ^2/NDF : 4.8/6

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

Right Out: -788.837+/-458.940 χ^2/NDF : 9.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

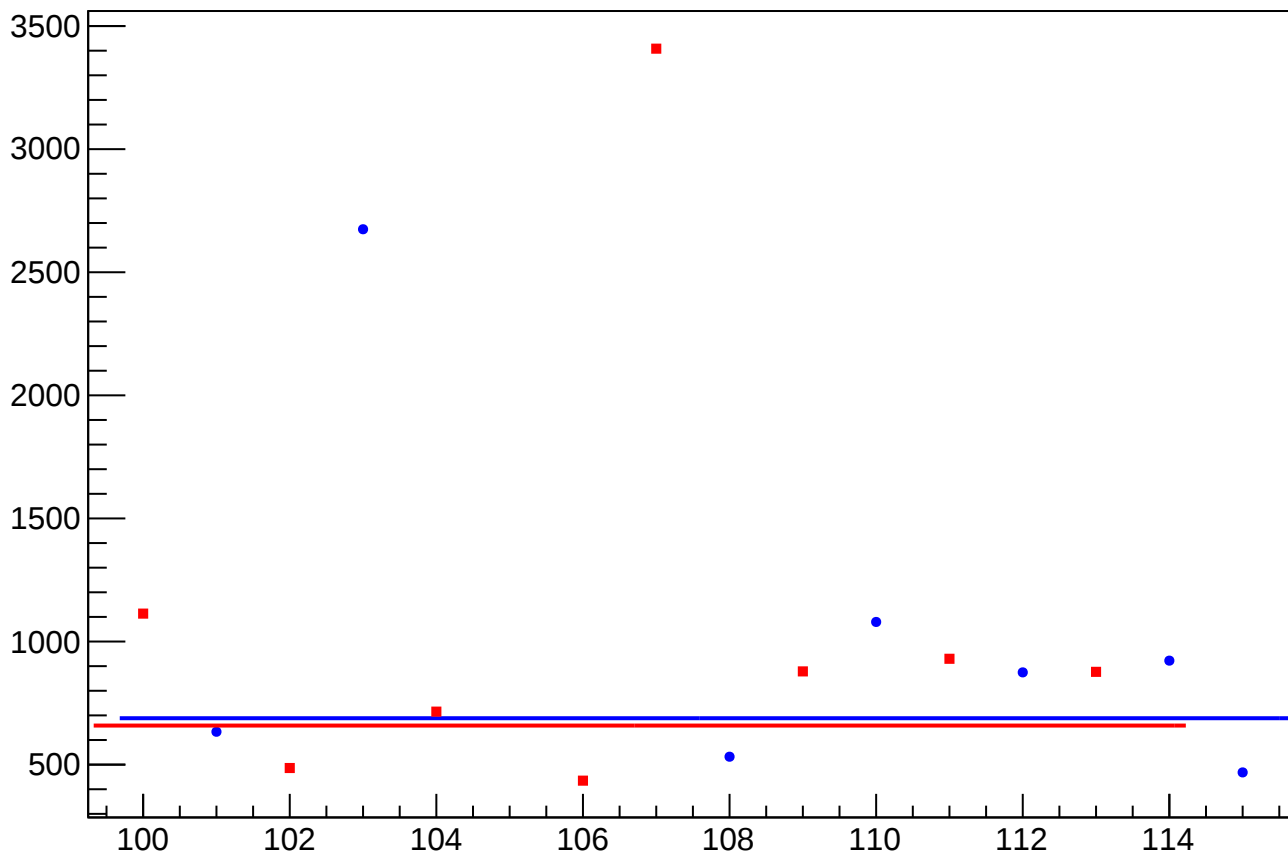
Right: -835.358+/-328.380 χ^2/NDF : 14.1/14

In: -884.161+/-470.060 χ^2/NDF : 4.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -835.358+/-328.380 χ^2/NDF : 14.1/14

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 688.493+/-0.332 χ^2/NDF : 906134.2/6

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

Right Out: 658.700+/-0.325 χ^2/NDF : 880301.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

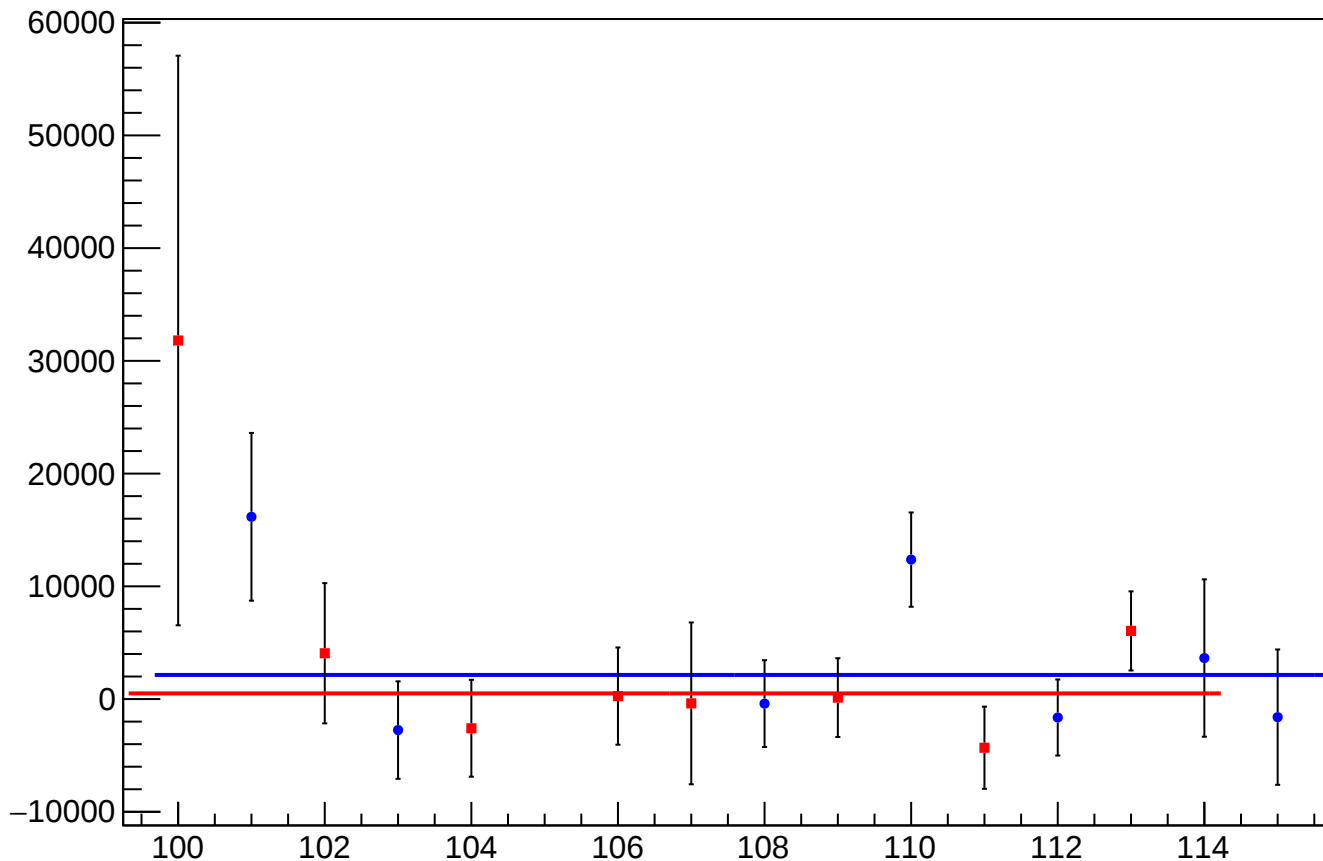
Right: 673.239+/-0.232 χ^2/NDF : 1790548.8/14

In: 688.493+/-0.332 χ^2/NDF : 906134.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 673.239+/-0.232 χ^2/NDF : 1790548.8/14

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2140.446+/-1734.791 χ^2/NDF : 12.9/6

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

Right Out: 502.051+/-1595.019 χ^2/NDF : 6.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

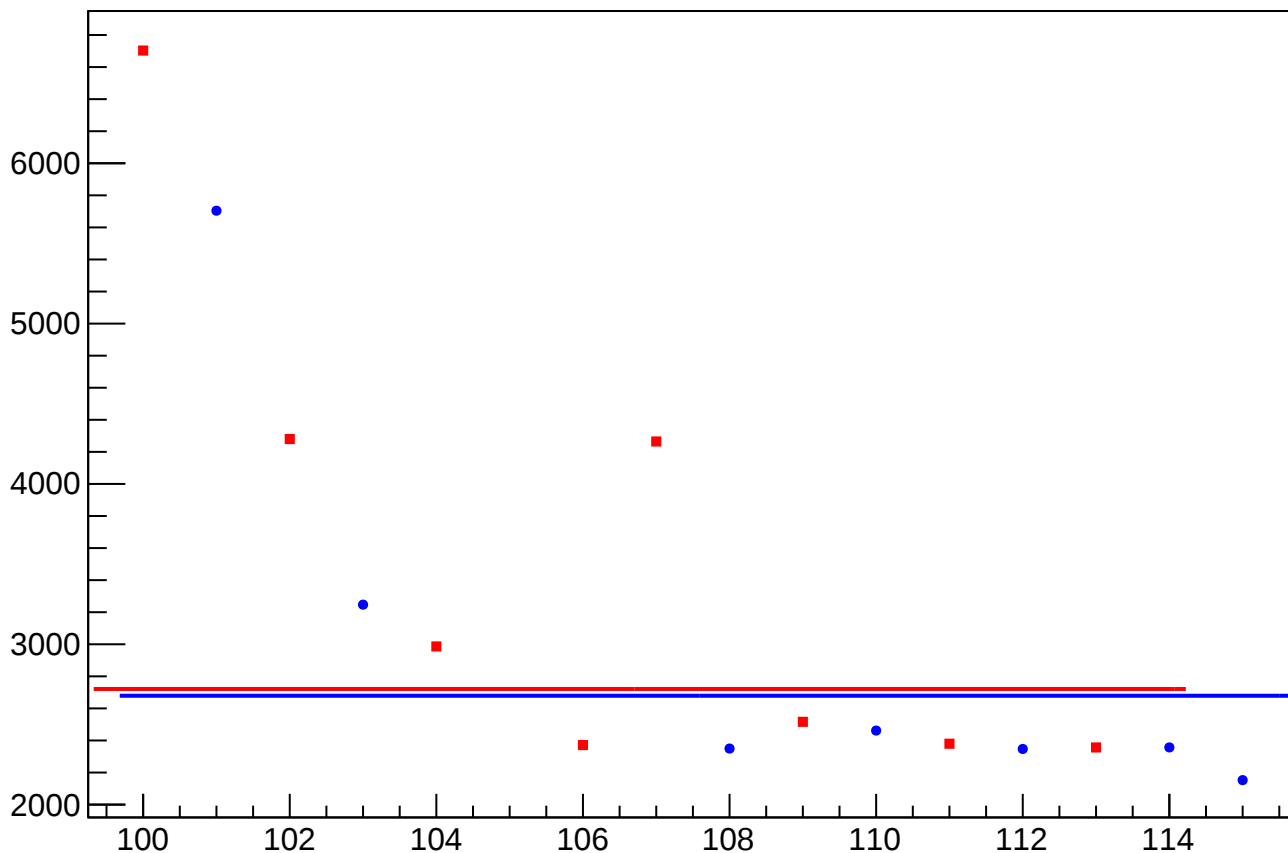
Right: 1252.596+/-1174.157 χ^2/NDF : 20.1/14

In: 2140.446+/-1734.791 χ^2/NDF : 12.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1252.596+/-1174.157 χ^2/NDF : 20.1/14

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2678.997+/-1.227 χ^2/NDF : 424113.5/6

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

Right Out: 2721.204+/-1.128 χ^2/NDF : 334645.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

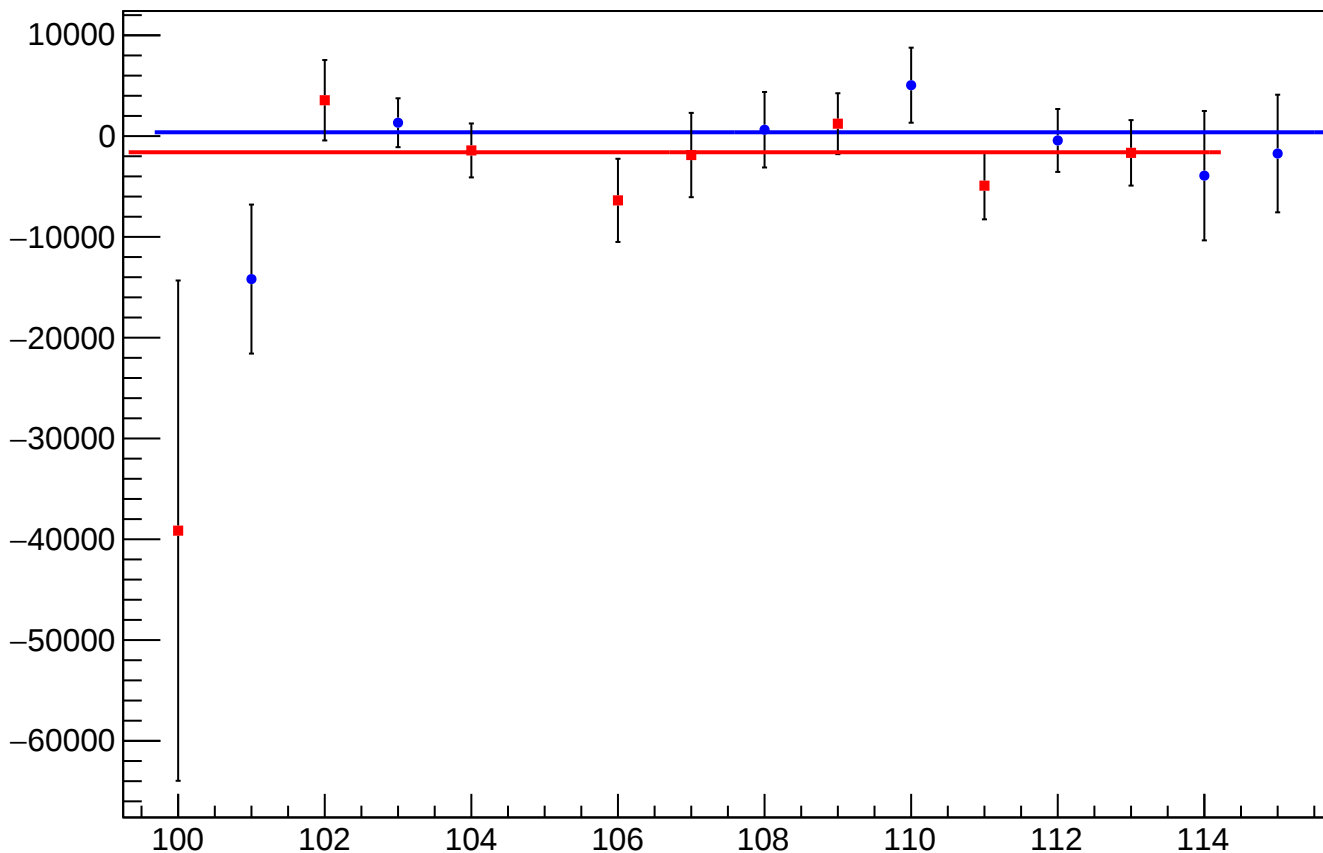
Right: 2701.869+/-0.830 χ^2/NDF : 759400.3/14

In: 2678.997+/-1.227 χ^2/NDF : 424113.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2701.869+/-0.830 χ^2/NDF : 759400.3/14

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 378.533+/-1431.539 χ^2/NDF : 6.3/6

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

Right Out: -1603.706+/-1276.202 χ^2/NDF : 7.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

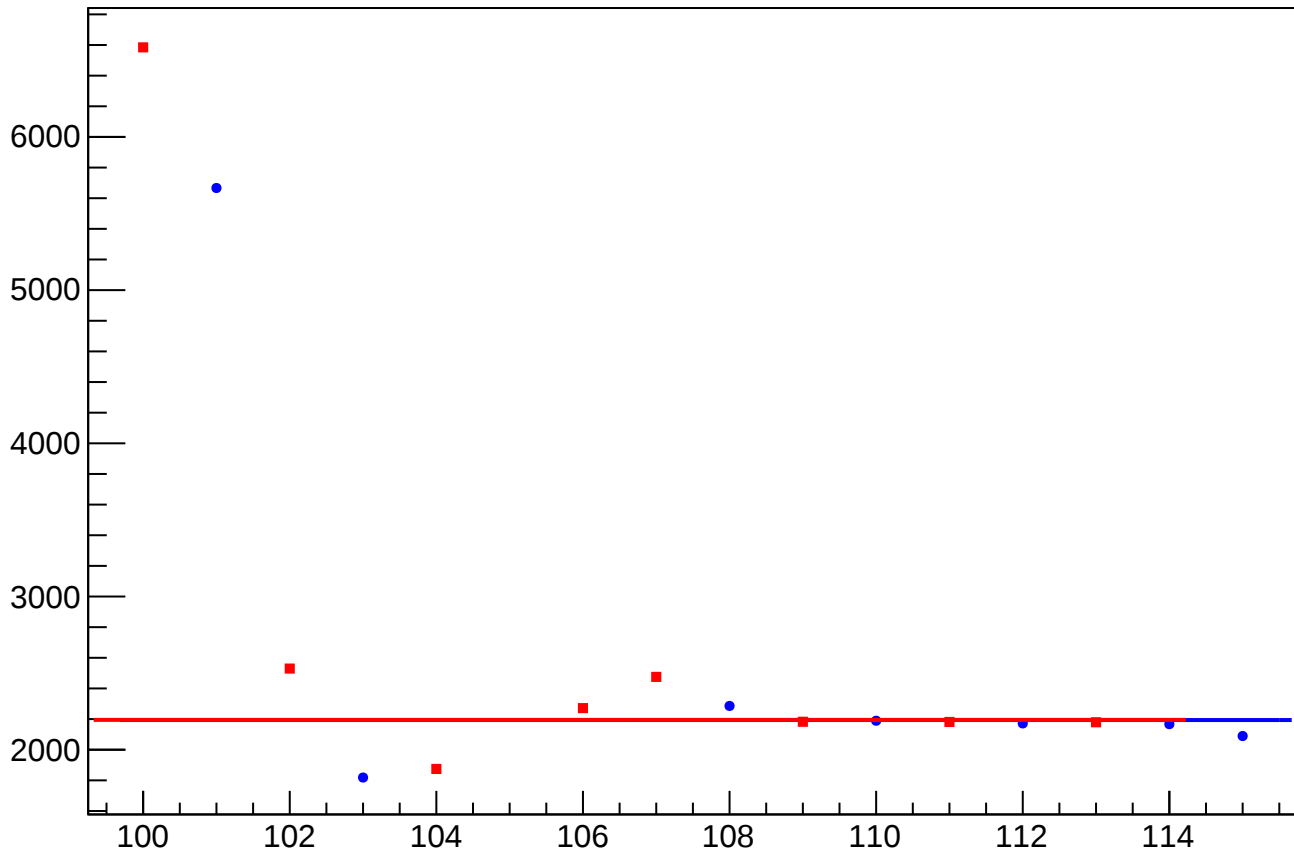
Right: -725.930+/-952.614 χ^2/NDF : 14.5/14

In: 378.533+/-1431.539 χ^2/NDF : 6.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -725.930+/-952.614 χ^2/NDF : 14.5/14

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2193.749+/-1.012 χ^2/NDF : 491335.4/6

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

Right Out: 2194.762+/-0.902 χ^2/NDF : 115125.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

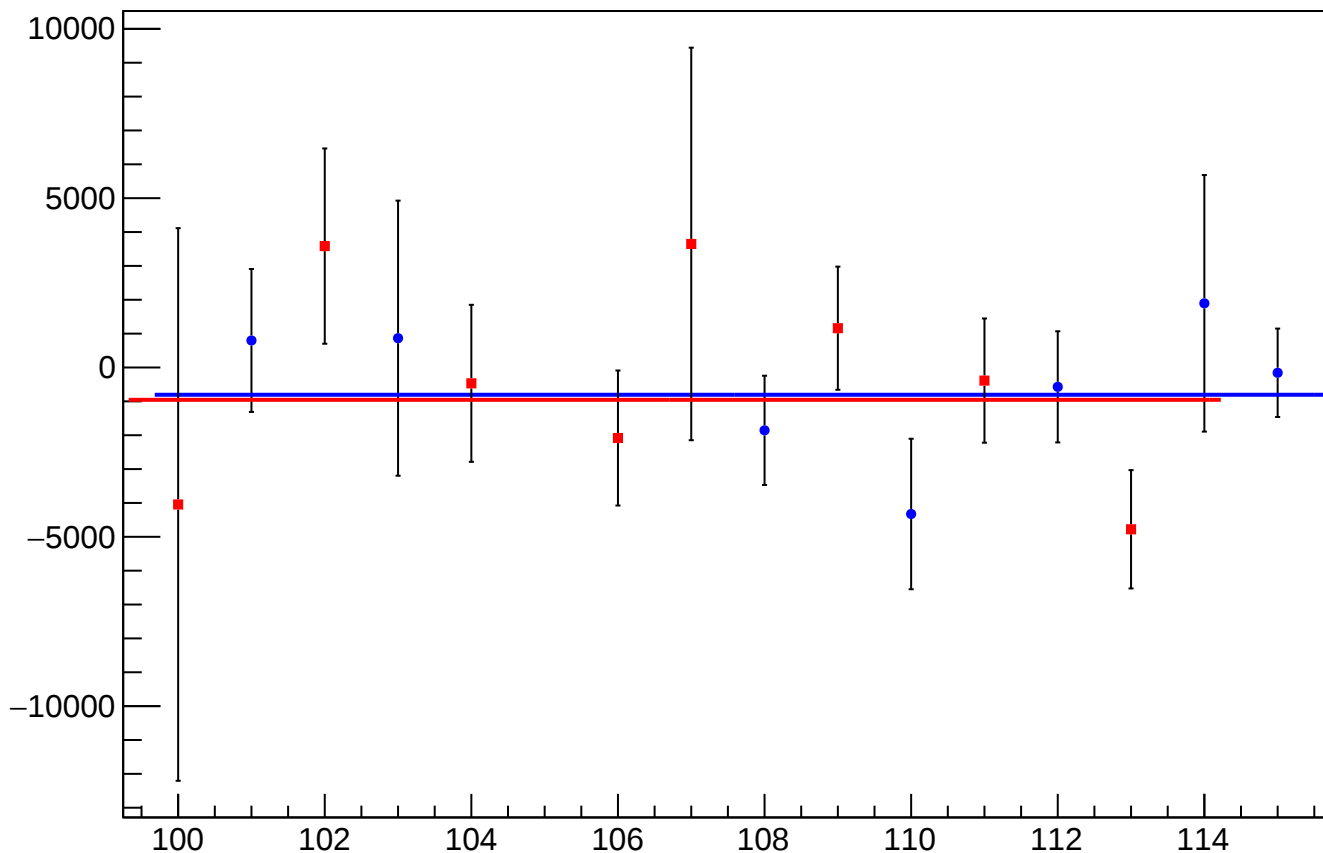
Right: 2194.313+/-0.674 χ^2/NDF : 606461.8/14

In: 2193.749+/-1.012 χ^2/NDF : 491335.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2194.313+/-0.674 χ^2/NDF : 606461.8/14

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: -805.257+/-725.473 χ^2/NDF : 4.5/6

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

Right Out: -954.803+/-808.487 χ^2/NDF : 9.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

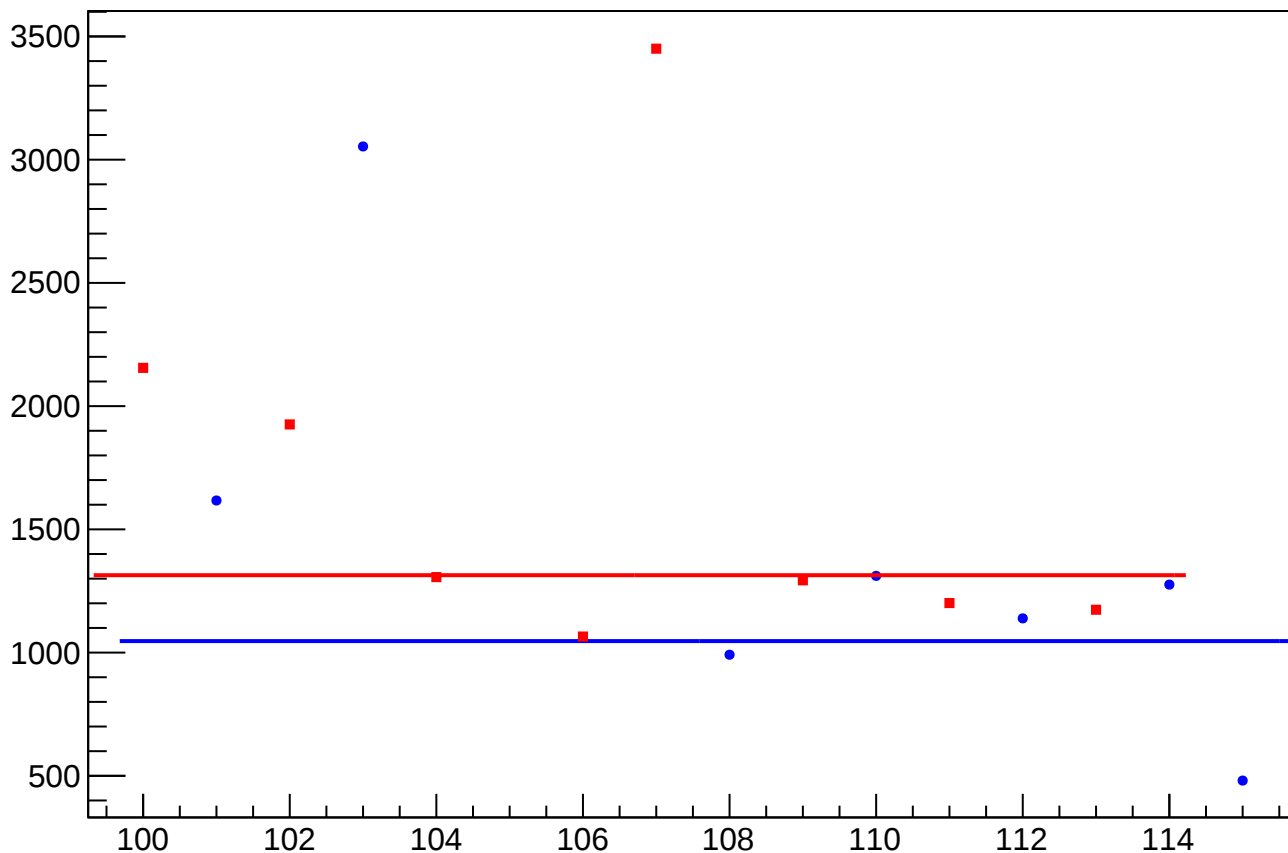
Right: -871.961+/-539.958 χ^2/NDF : 14.3/14

In: -805.257+/-725.473 χ^2/NDF : 4.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -871.961+/-539.958 χ^2/NDF : 14.3/14

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 1046.680+/-0.513 χ^2/NDF : 1054827.1/6

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

Right Out: 1314.030+/-0.572 χ^2/NDF : 434914.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

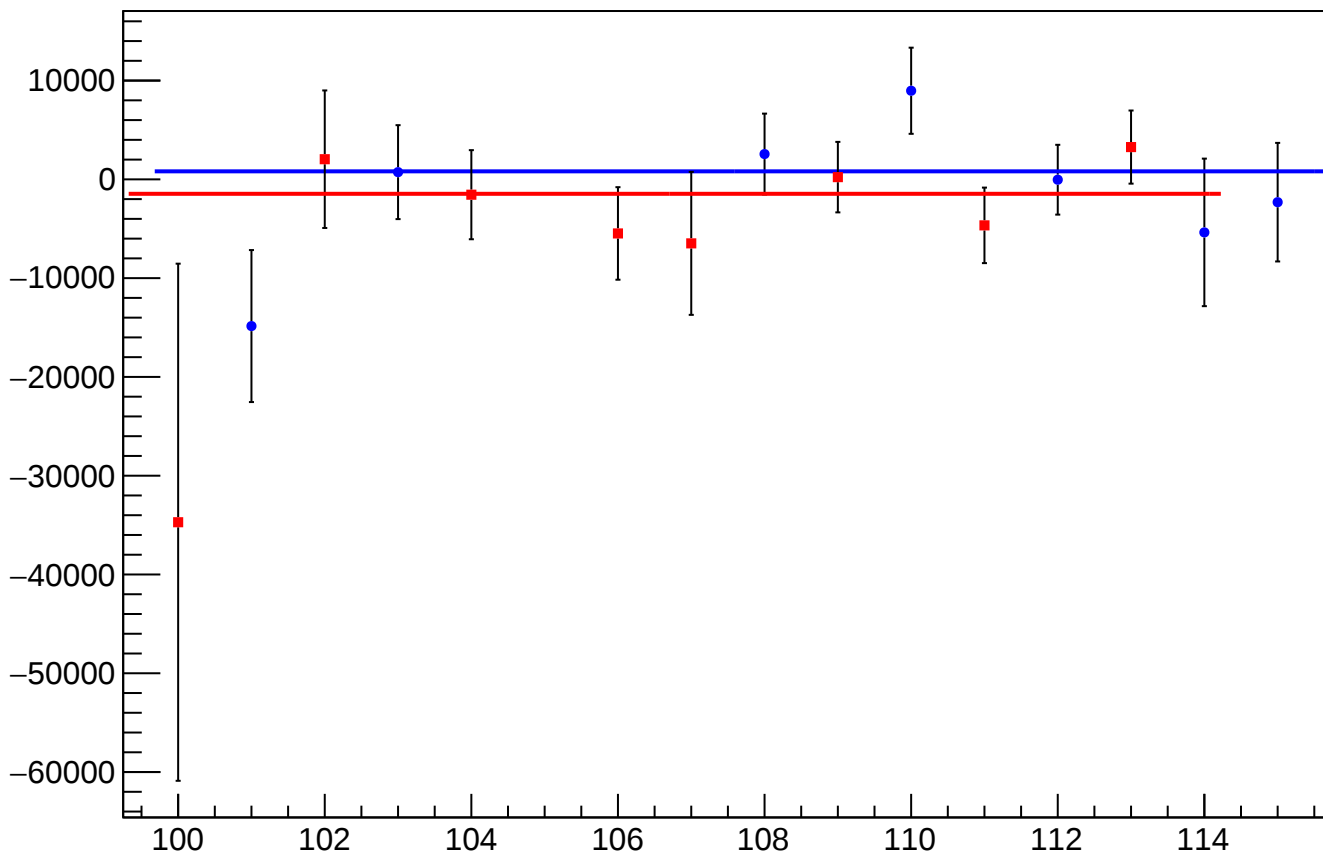
Right: 1165.929+/-0.382 χ^2/NDF : 1610891.1/14

In: 1046.680+/-0.513 χ^2/NDF : 1054827.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1165.929+/-0.382 χ^2/NDF : 1610891.1/14

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 811.517 $\pm$ 1828.233 χ^2 /NDF: 8.8/6

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

Right Out: -1462.697 $\pm$ 1676.220 χ^2 /NDF: 5.6/7

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

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

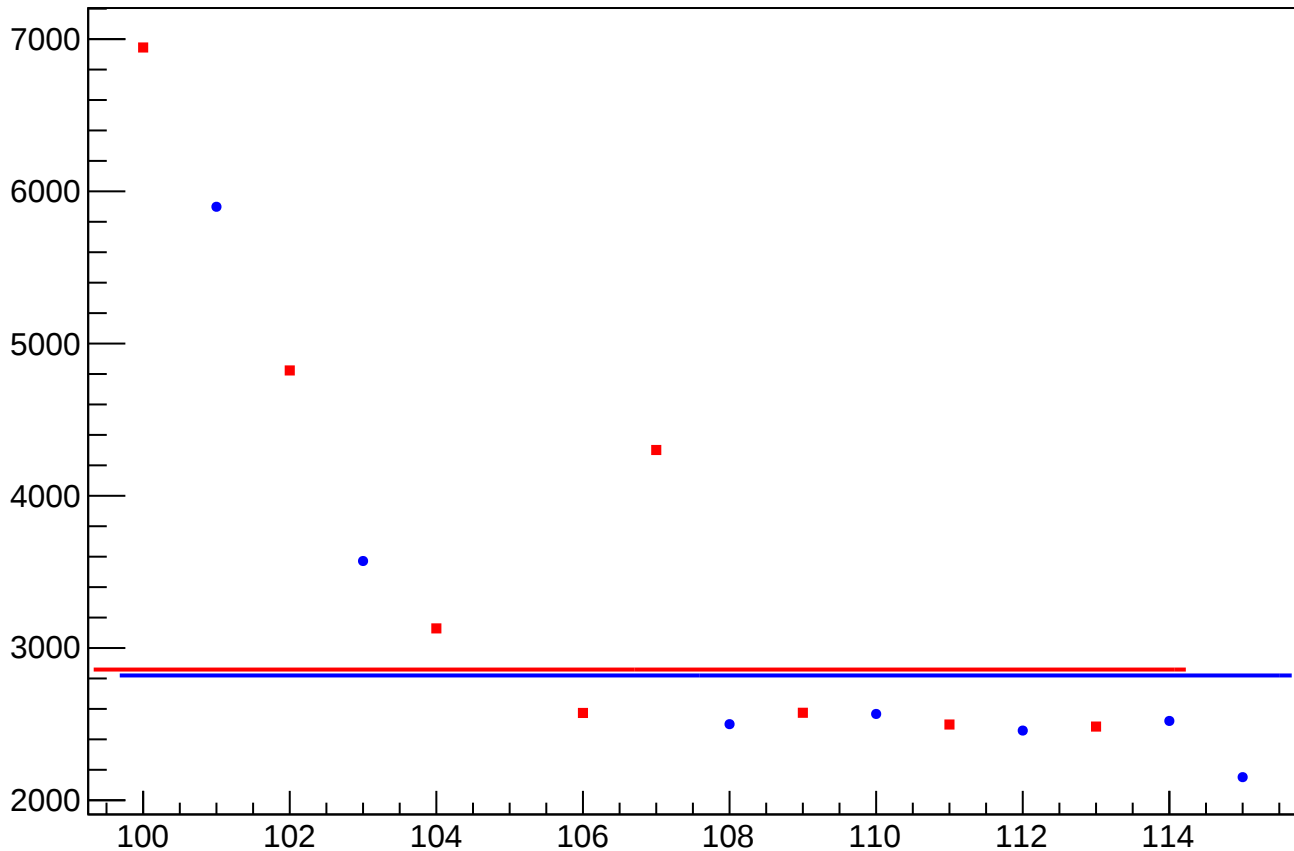
Right: -424.053 $\pm$ 1235.518 χ^2 /NDF: 15.3/14

In: 811.517 $\pm$ 1828.233 χ^2 /NDF:8.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -424.053 $\pm$ 1235.518 χ^2 /NDF: 15.3/14

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2819.661+/-1.293 χ^2/NDF : 438223.2/6

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

Right Out: 2858.542+/-1.185 χ^2/NDF : 353151.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

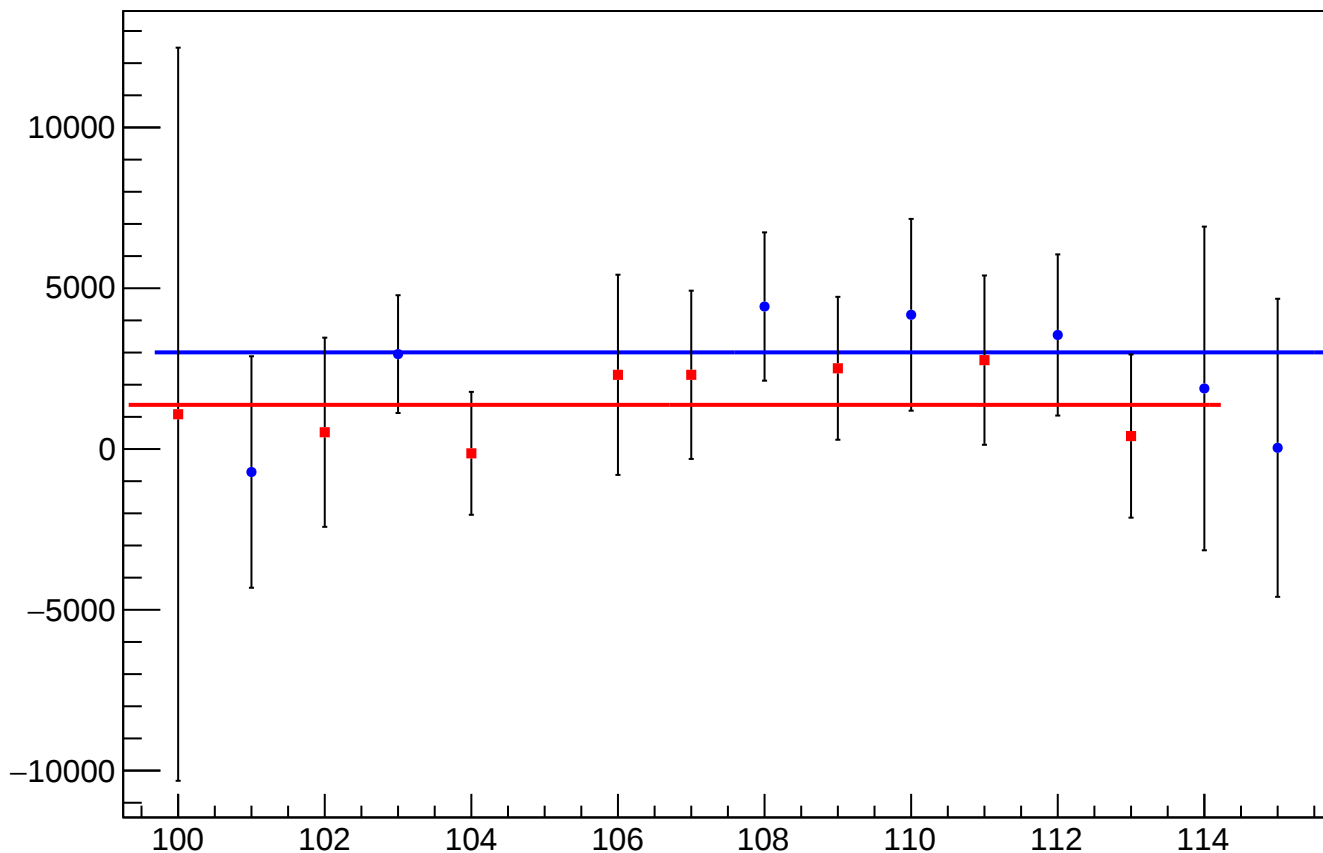
Right: 2840.785+/-0.874 χ^2/NDF : 791866.2/14

In: 2819.661+/-1.293 χ^2/NDF : 438223.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2840.785+/-0.874 χ^2/NDF : 791866.2/14

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3005.773+/-1041.950 χ^2 /NDF: 2.1/6

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

Right Out: 1373.438+/-933.162 χ^2 /NDF: 1.6/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

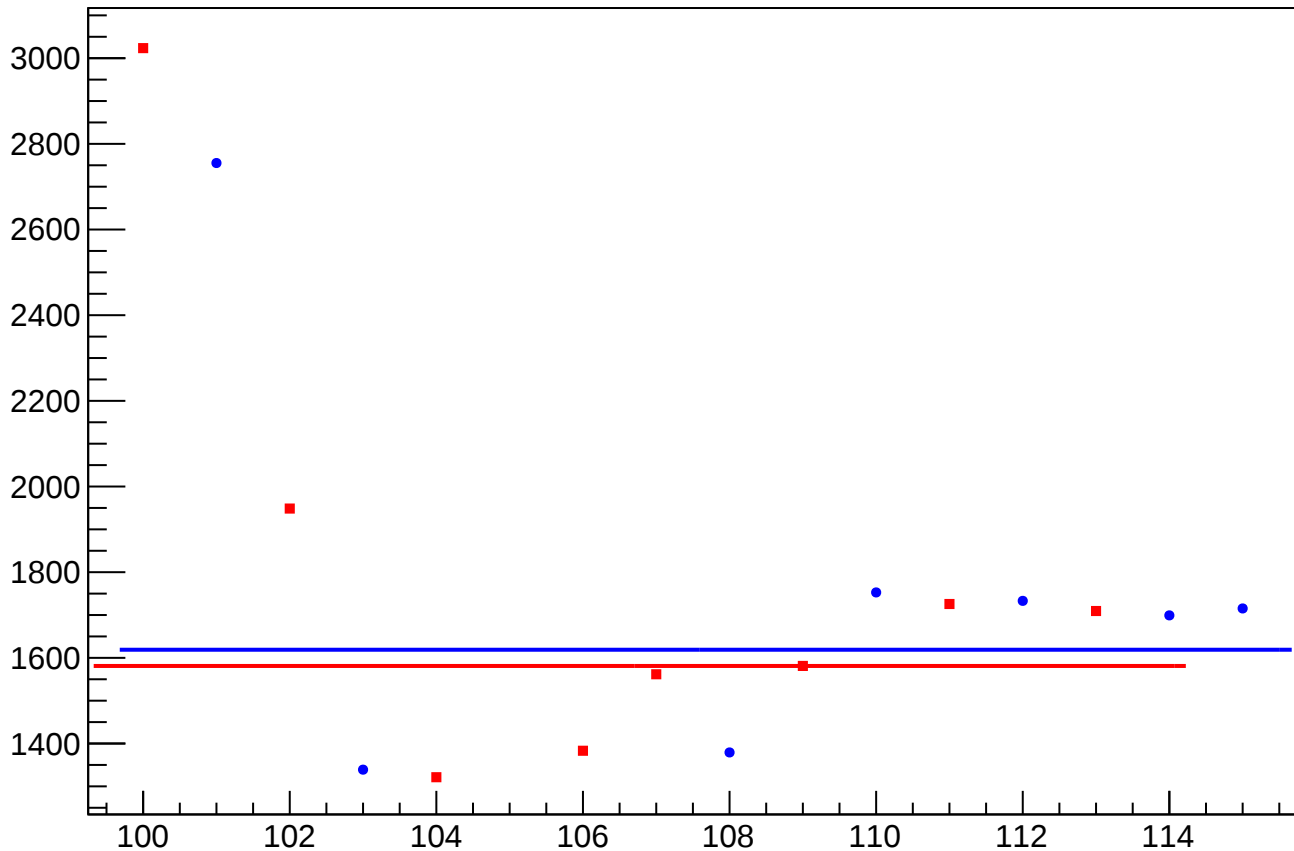
Right: 2099.970+/-695.135 χ^2 /NDF: 5.1/14

In: 3005.773+/-1041.950 χ^2 /NDF:2.1/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2099.970+/-695.135 χ^2 /NDF: 5.1/14

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1618.960+/-0.737 χ^2/NDF : 277226.3/6

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

Right Out: 1581.078+/-0.660 χ^2/NDF : 119530.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

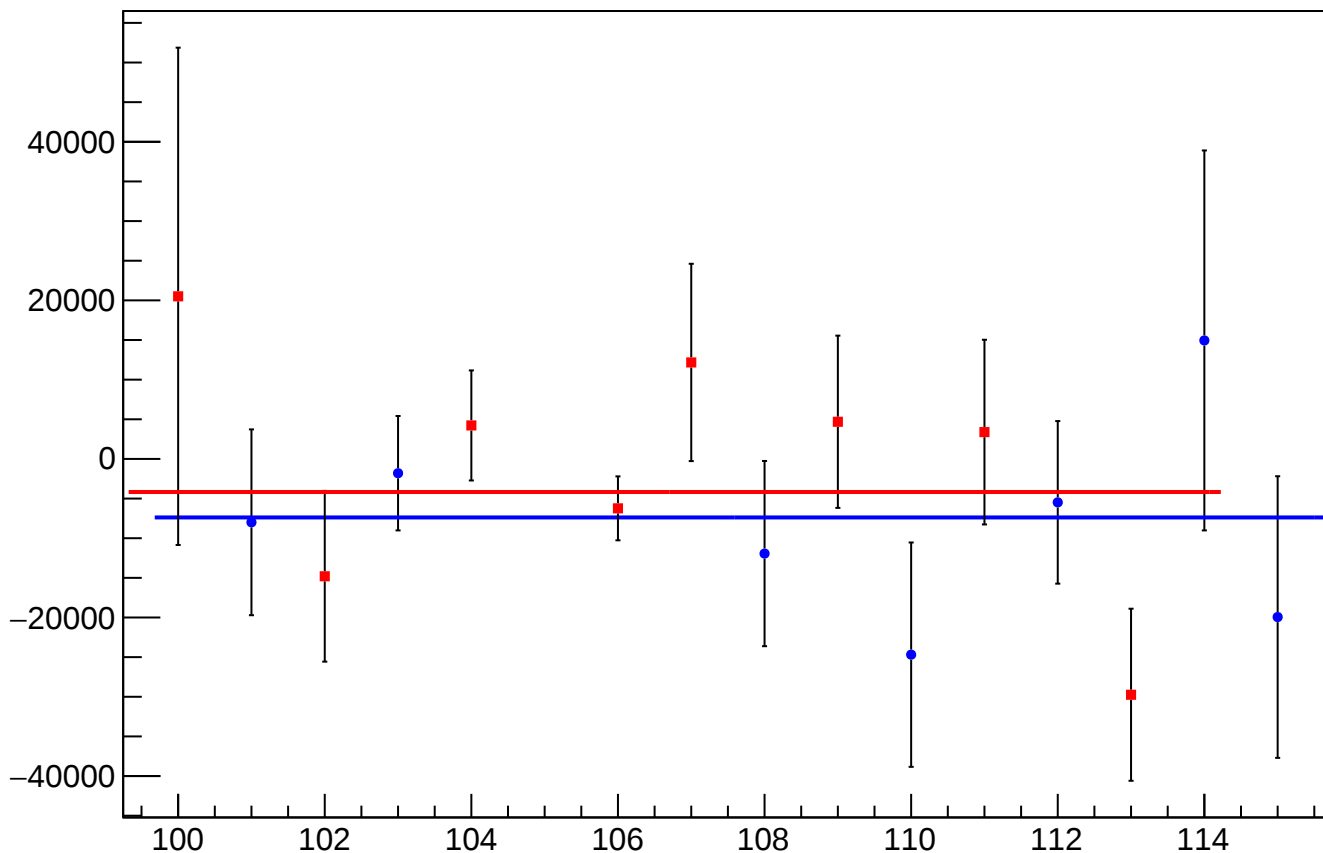
Right: 1597.938+/-0.492 χ^2/NDF : 398223.7/14

In: 1618.960+/-0.737 χ^2/NDF : 277226.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1597.938+/-0.492 χ^2/NDF : 398223.7/14

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -7380.038+/-4334.234 χ^2/NDF : 3.7/6

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

Right Out: -4170.414+/-2855.310 χ^2/NDF : 11.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

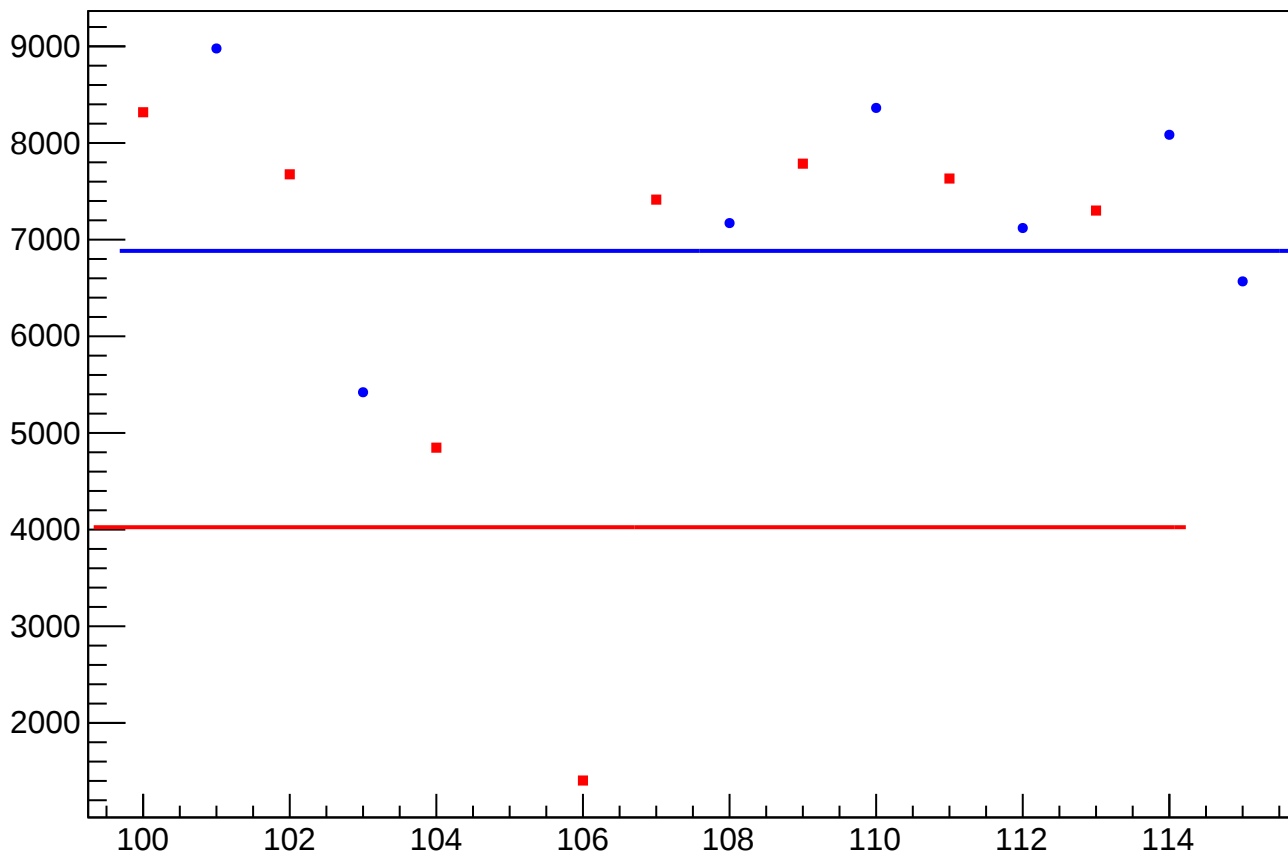
Right: -5141.794+/-2384.405 χ^2/NDF : 15.7/14

In: -7380.038+/-4334.234 χ^2/NDF : 3.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5141.794+/-2384.405 χ^2/NDF : 15.7/14

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 6883.815+/-3.065 χ^2/NDF : 175826.1/6

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

Right Out: 4024.864+/-2.019 χ^2/NDF : 1902131.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

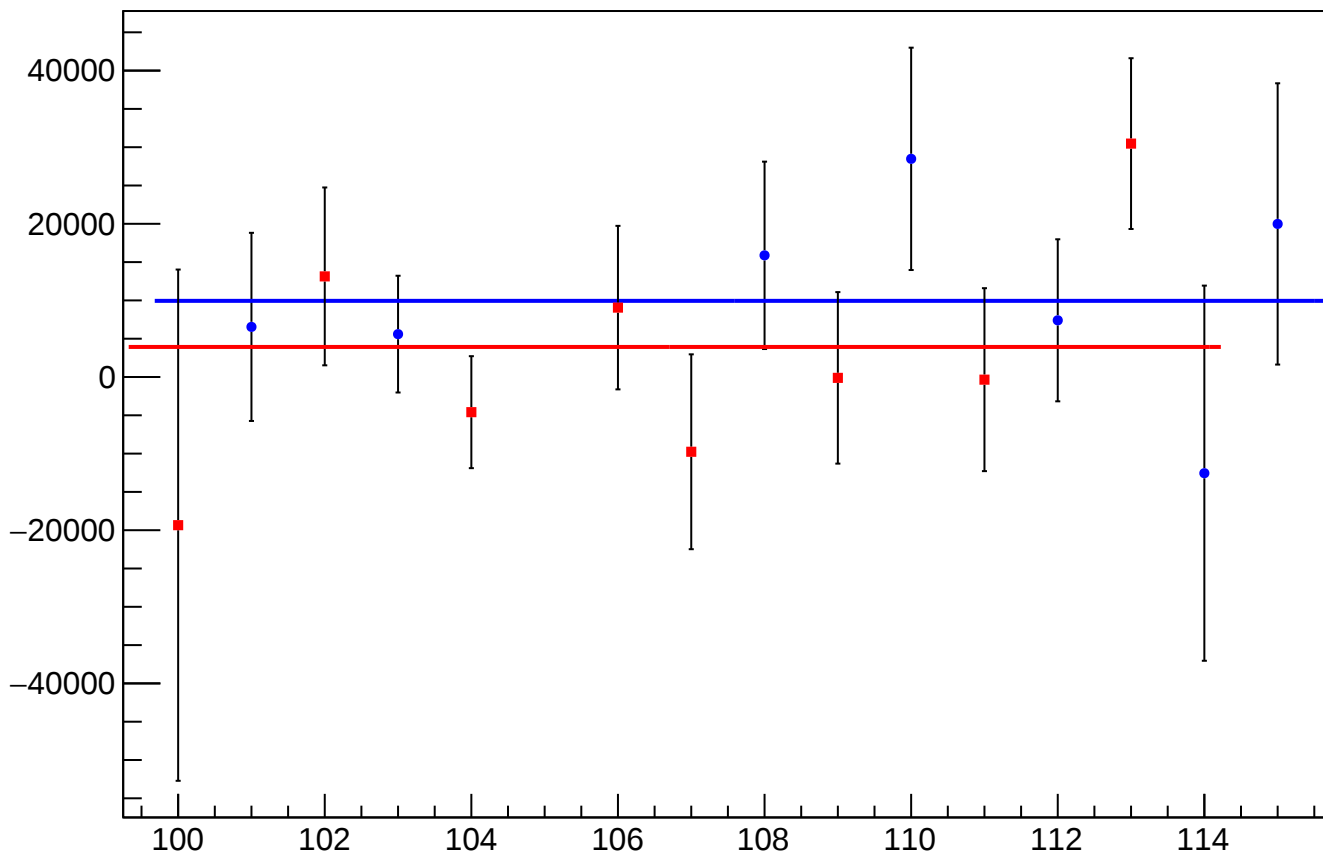
Right: 4890.115+/-1.686 χ^2/NDF : 2684794.2/14

In: 6883.815+/-3.065 χ^2/NDF : 175826.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4890.115+/-1.686 χ^2/NDF : 2684794.2/14

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 9941.538+/-4524.416 χ^2/NDF : 3.5/6

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

Right Out: 3924.246+/-3921.312 χ^2/NDF : 9.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

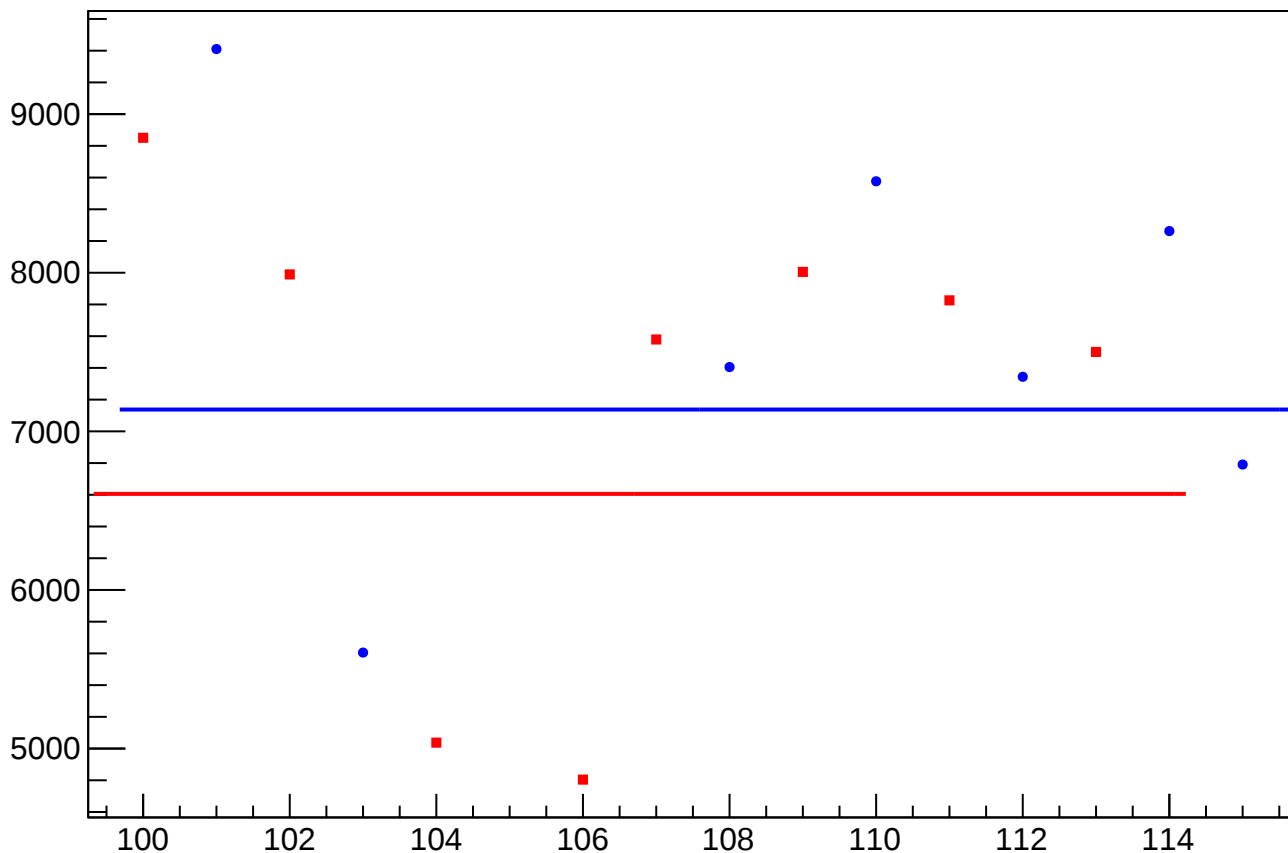
Right: 6505.381+/-2963.244 χ^2/NDF : 14.3/14

In: 9941.538+/-4524.416 χ^2/NDF : 3.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6505.381+/-2963.244 χ^2/NDF : 14.3/14

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7137.488+/-3.199 χ^2/NDF : 175685.9/6

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

Right Out: 6605.640+/-2.772 χ^2/NDF : 263488.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

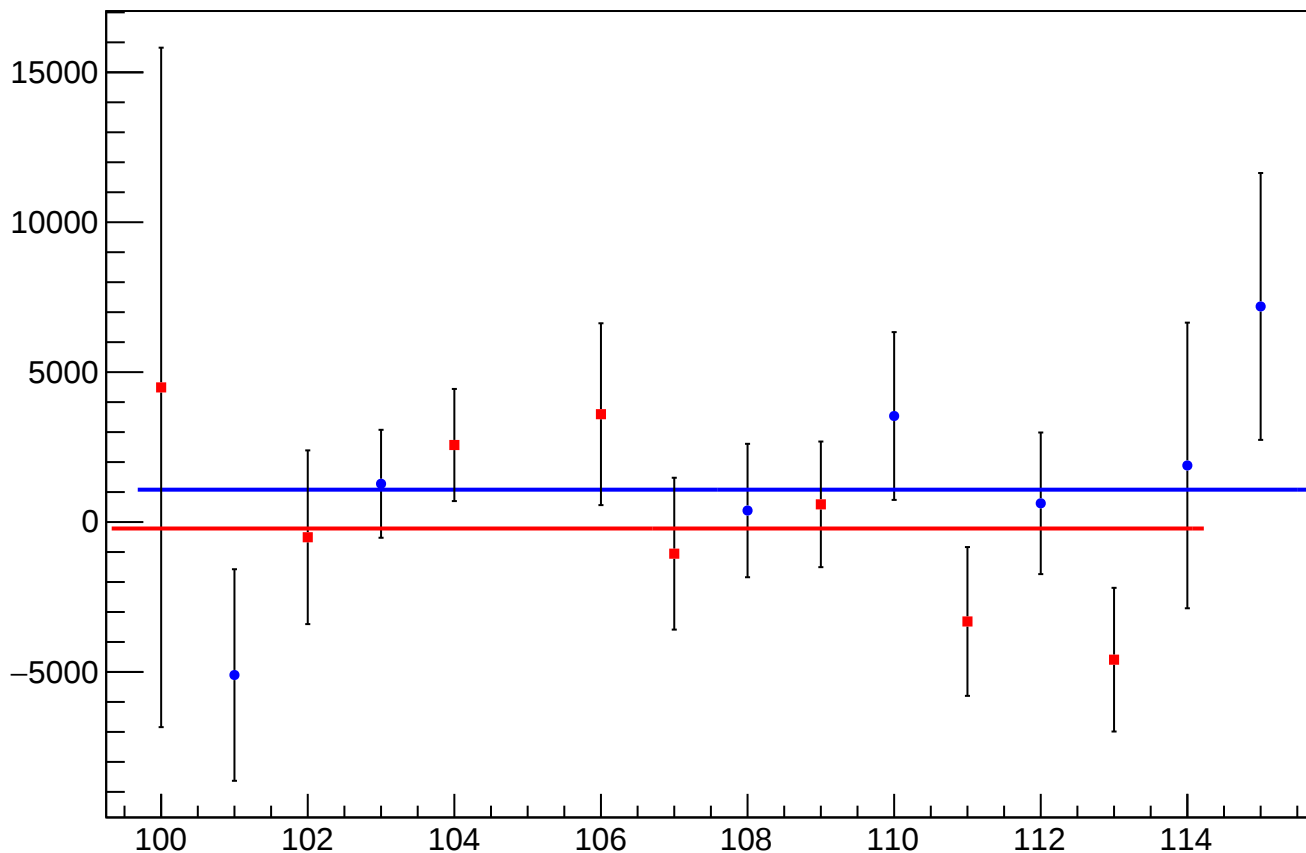
Right: 6833.727+/-2.095 χ^2/NDF : 454960.7/14

In: 7137.488+/-3.199 χ^2/NDF : 175685.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6833.727+/-2.095 χ^2/NDF : 454960.7/14

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1079.648 $\pm$ 1003.745 χ^2 /NDF: 5.9/6

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

Right Out: -215.325 $\pm$ 897.328 χ^2 /NDF: 9.1/7

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

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

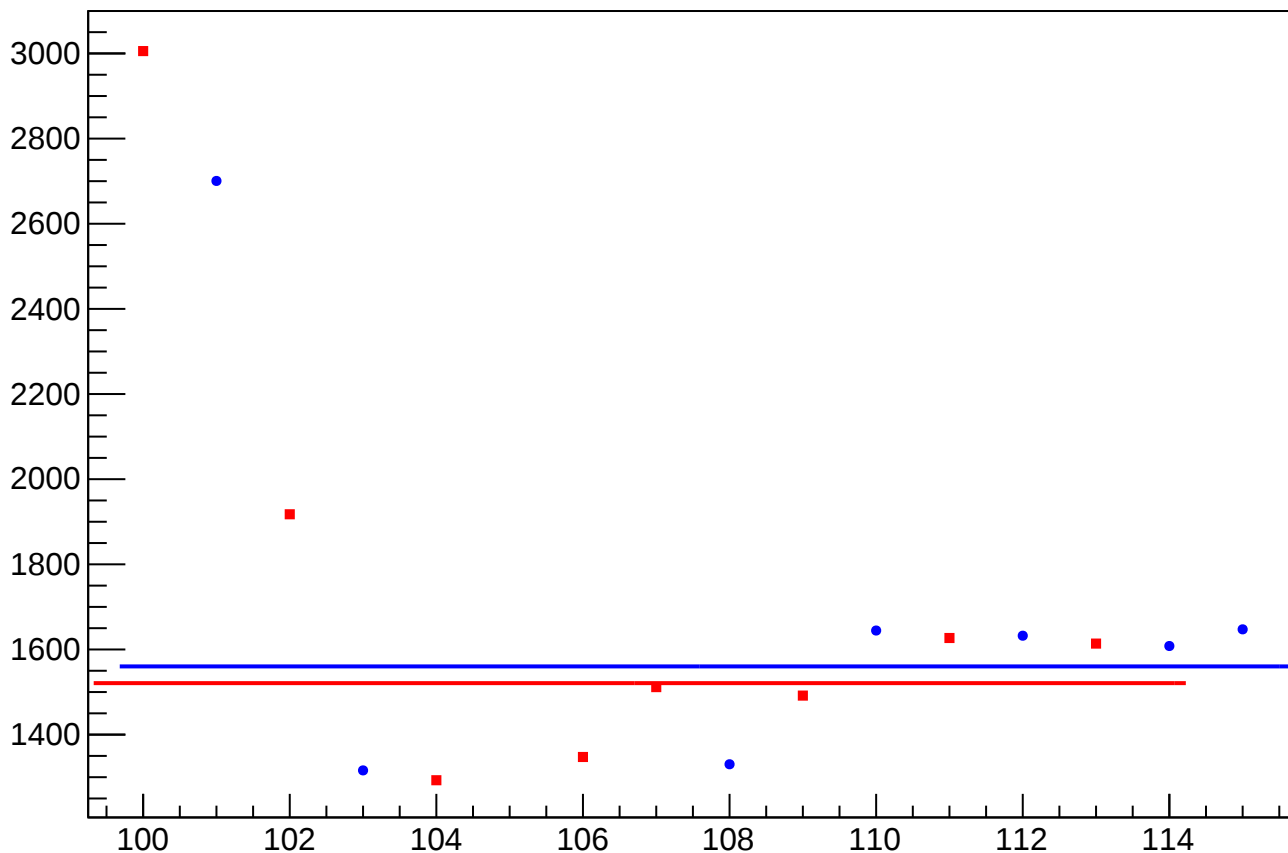
Right: 359.899 $\pm$ 668.978 χ^2 /NDF: 16.0/14

In: 1079.648 $\pm$ 1003.745 χ^2 /NDF: 5.9/6

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

All: 359.899 $\pm$ 668.978 χ^2 /NDF: 16.0/14

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1560.217+/-0.710 χ^2/NDF : 271723.0/6

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

Right Out: 1520.935+/-0.635 χ^2/NDF : 115189.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

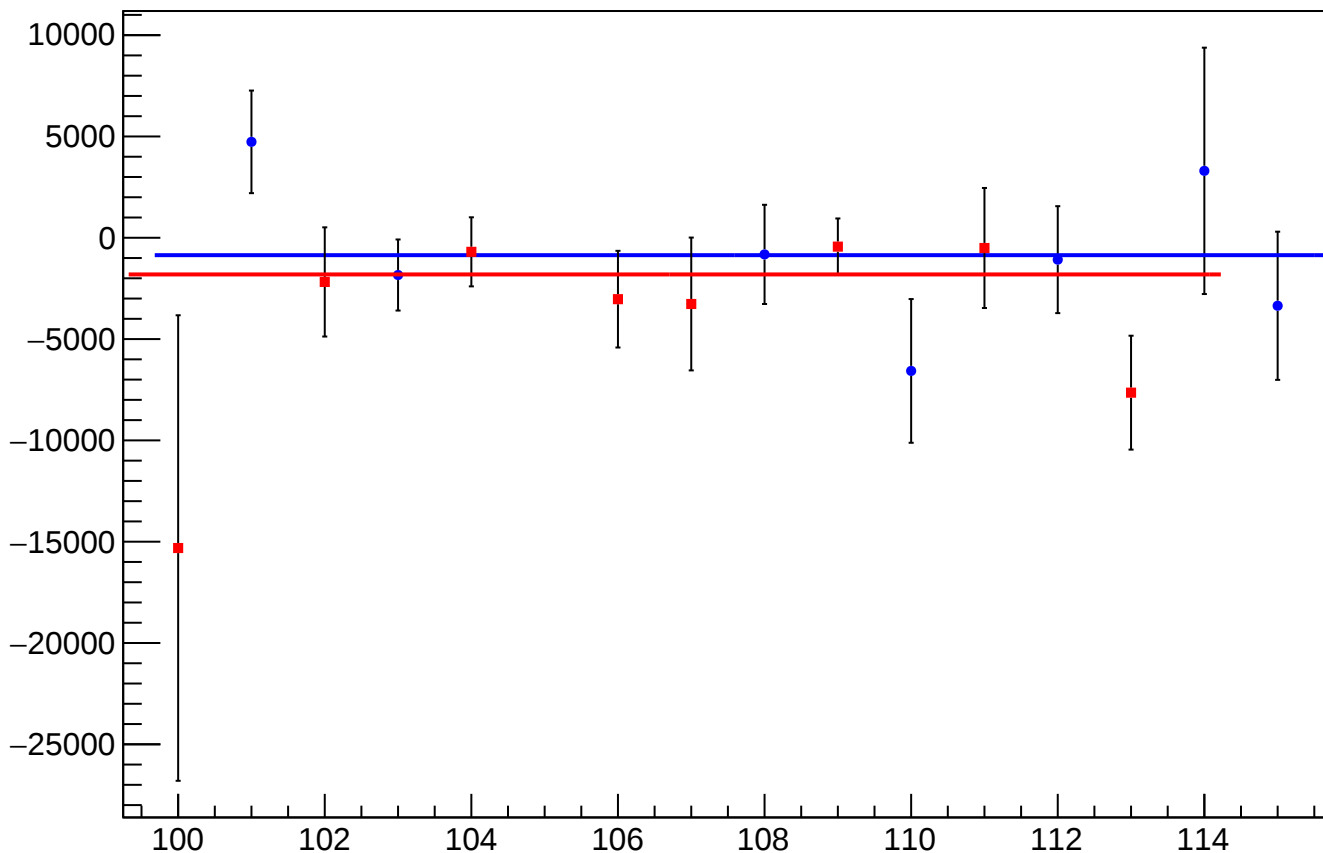
Right: 1538.384+/-0.473 χ^2/NDF : 388615.4/14

In: 1560.217+/-0.710 χ^2/NDF : 271723.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1538.384+/-0.473 χ^2/NDF : 388615.4/14

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -858.314+/-1013.855 χ^2/NDF : 8.7/6

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

Right Out: -1809.499+/-812.226 χ^2/NDF : 7.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

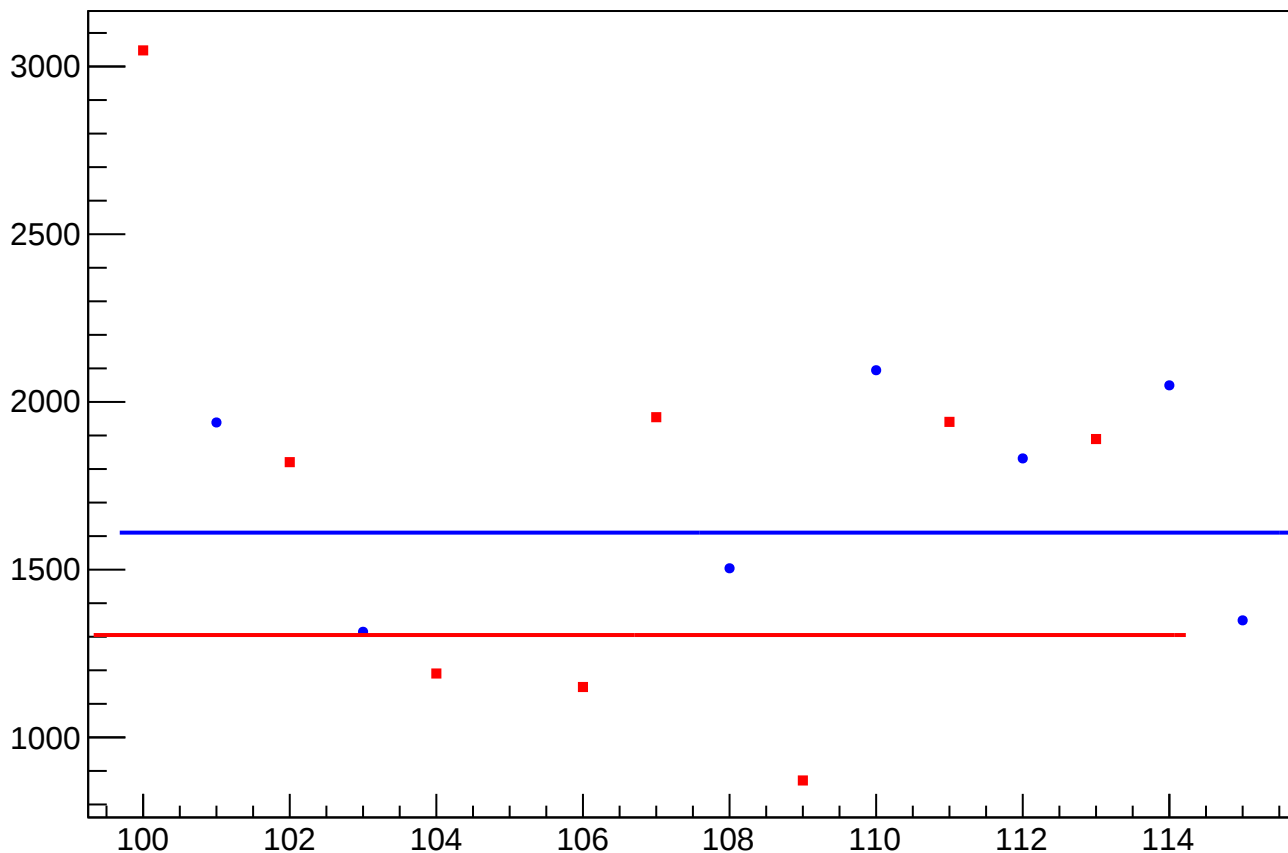
Right: -1437.668+/-633.893 χ^2/NDF : 17.0/14

In: -858.314+/-1013.855 χ^2/NDF : 8.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1437.668+/-633.893 χ^2/NDF : 17.0/14

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 1610.409+/-0.717 χ^2/NDF : 166220.8/6

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

Right Out: 1305.147+/-0.574 χ^2/NDF : 588055.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

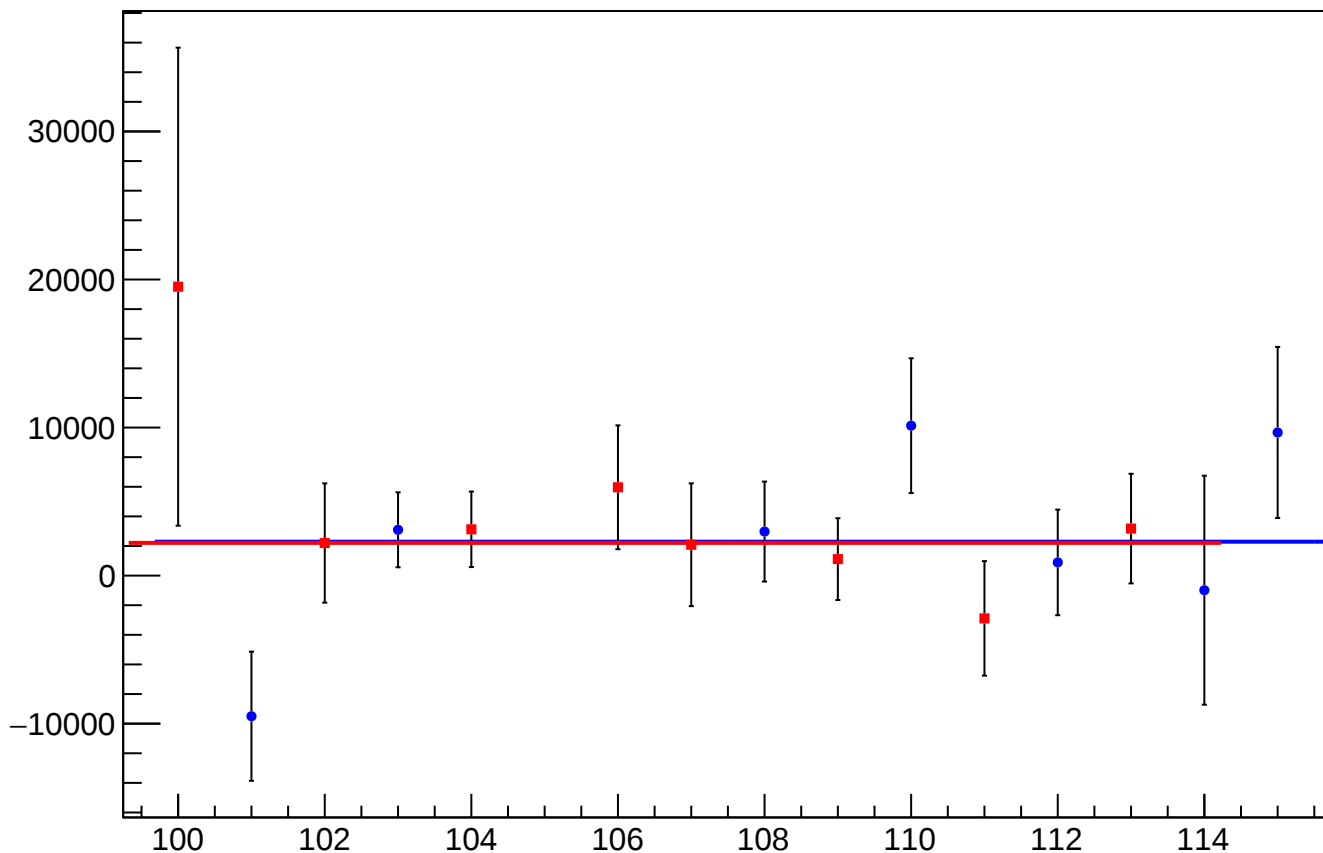
Right: 1424.478+/-0.448 χ^2/NDF : 864709.9/14

In: 1610.409+/-0.717 χ^2/NDF : 166220.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1424.478+/-0.448 χ^2/NDF : 864709.9/14

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 2290.965+/-1458.812 χ^2/NDF : 12.4/6

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

Right Out: 2210.983+/-1285.239 χ^2/NDF : 4.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

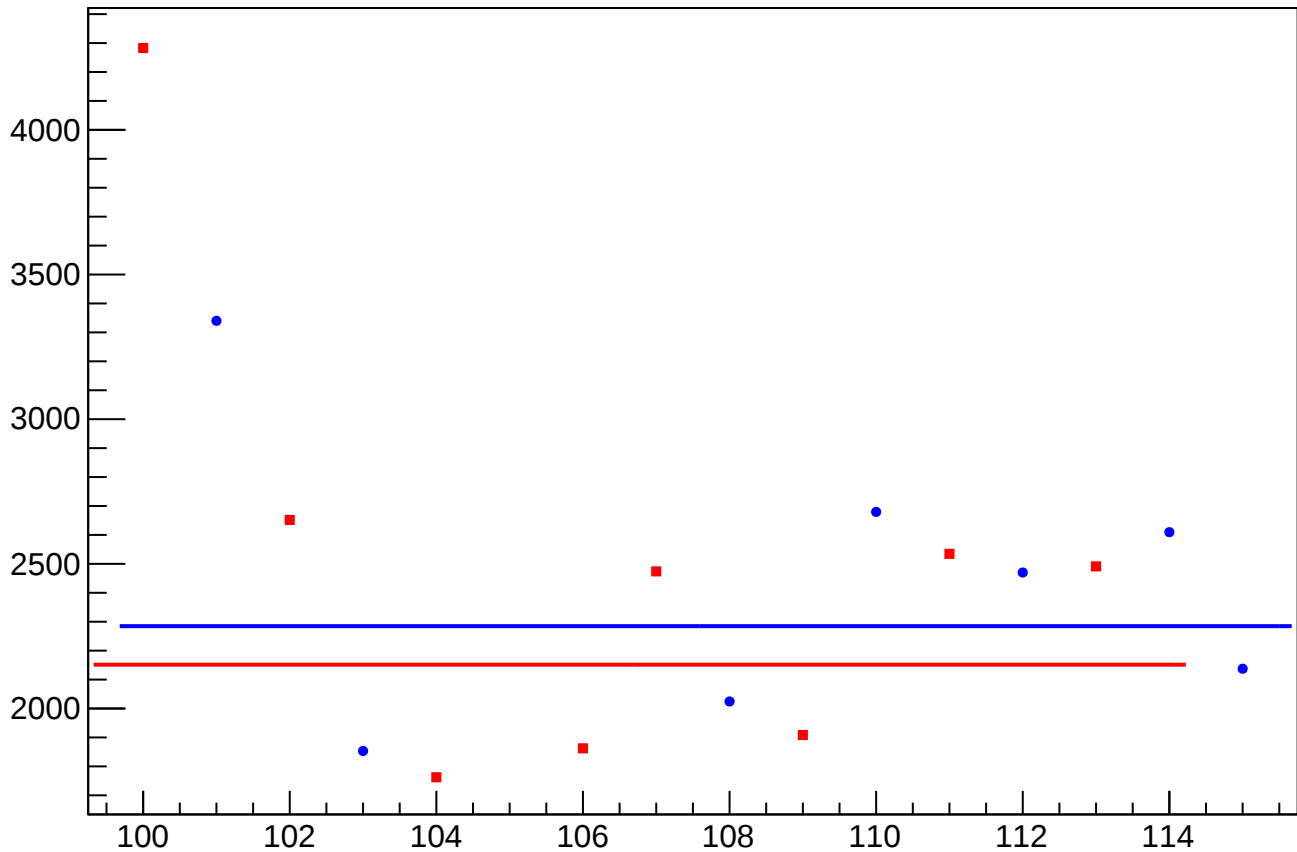
Right: 2245.935+/-964.360 χ^2/NDF : 16.4/14

In: 2290.965+/-1458.812 χ^2/NDF : 12.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2245.935+/-964.360 χ^2/NDF : 16.4/14

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2284.700+/-1.032 χ^2/NDF : 212387.2/6

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

Right Out: 2151.438+/-0.909 χ^2/NDF : 185898.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

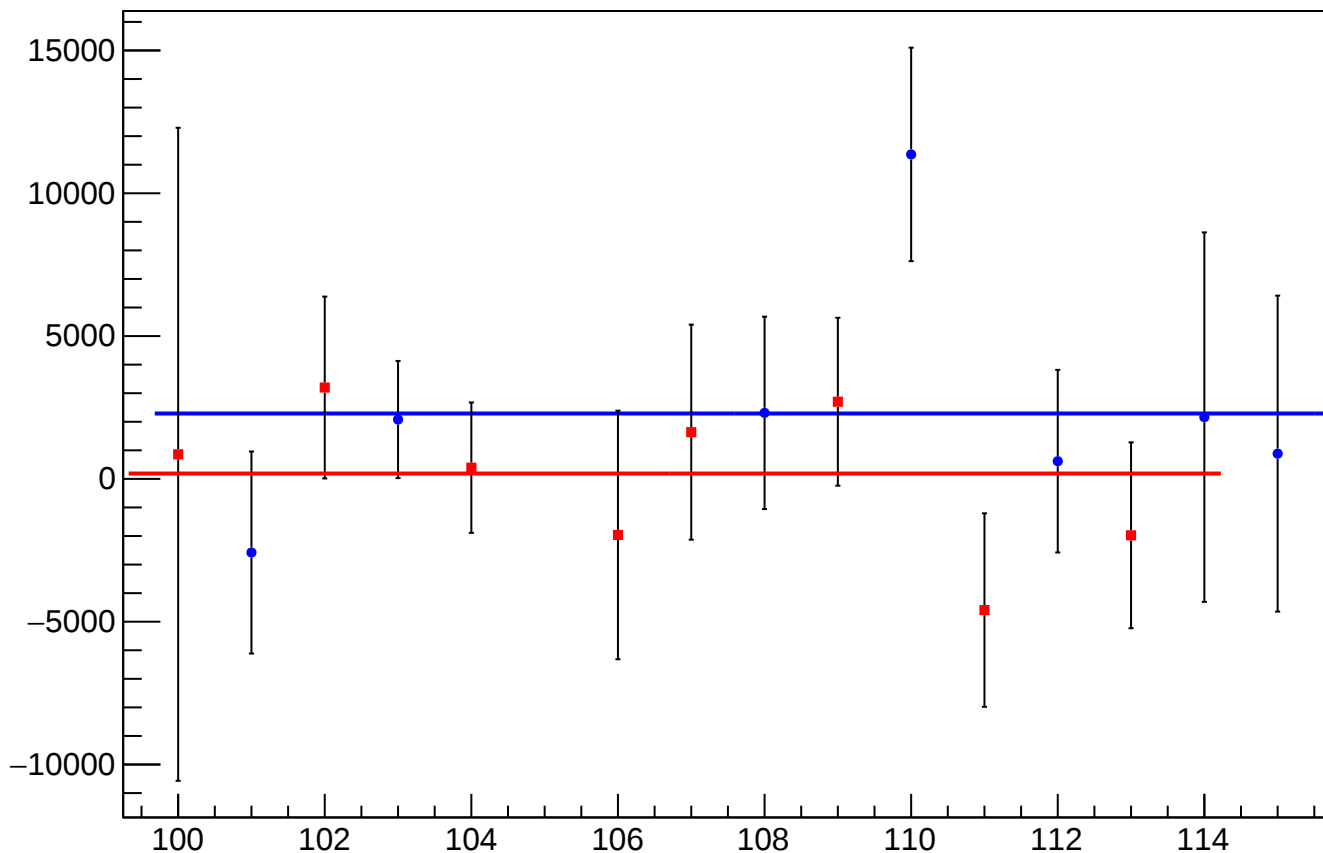
Right: 2209.673+/-0.682 χ^2/NDF : 407682.1/14

In: 2284.700+/-1.032 χ^2/NDF : 212387.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2209.673+/-0.682 χ^2/NDF : 407682.1/14

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2289.251+/-1258.014 χ^2/NDF : 8.1/6

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

Right Out: 188.579+/-1179.389 χ^2/NDF : 4.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

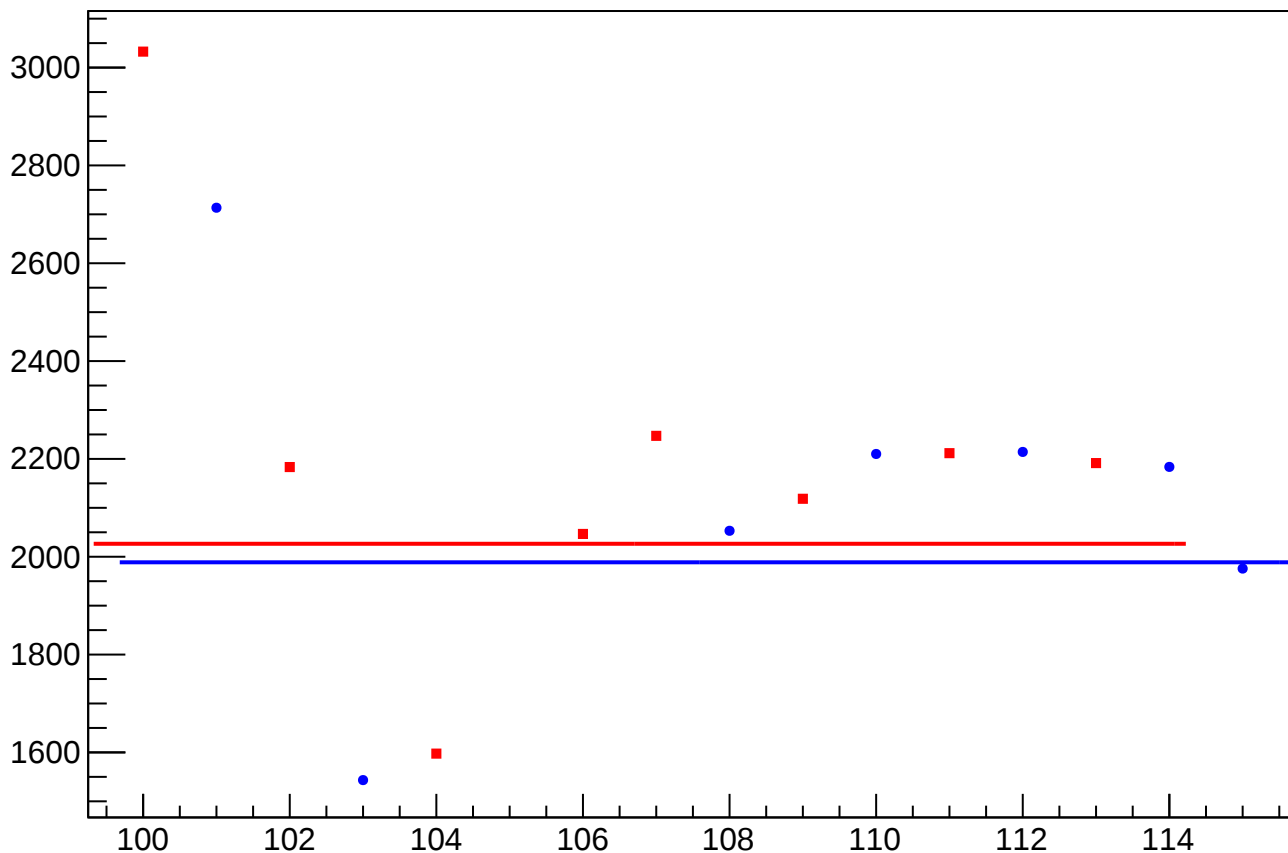
Right: 1171.223+/-860.408 χ^2/NDF : 14.1/14

In: 2289.251+/-1258.014 χ^2/NDF : 8.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1171.223+/-860.408 χ^2/NDF : 14.1/14

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1988.628+/-0.890 χ^2/NDF : 197829.2/6

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

Right Out: 2026.505+/-0.831 χ^2/NDF : 110963.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

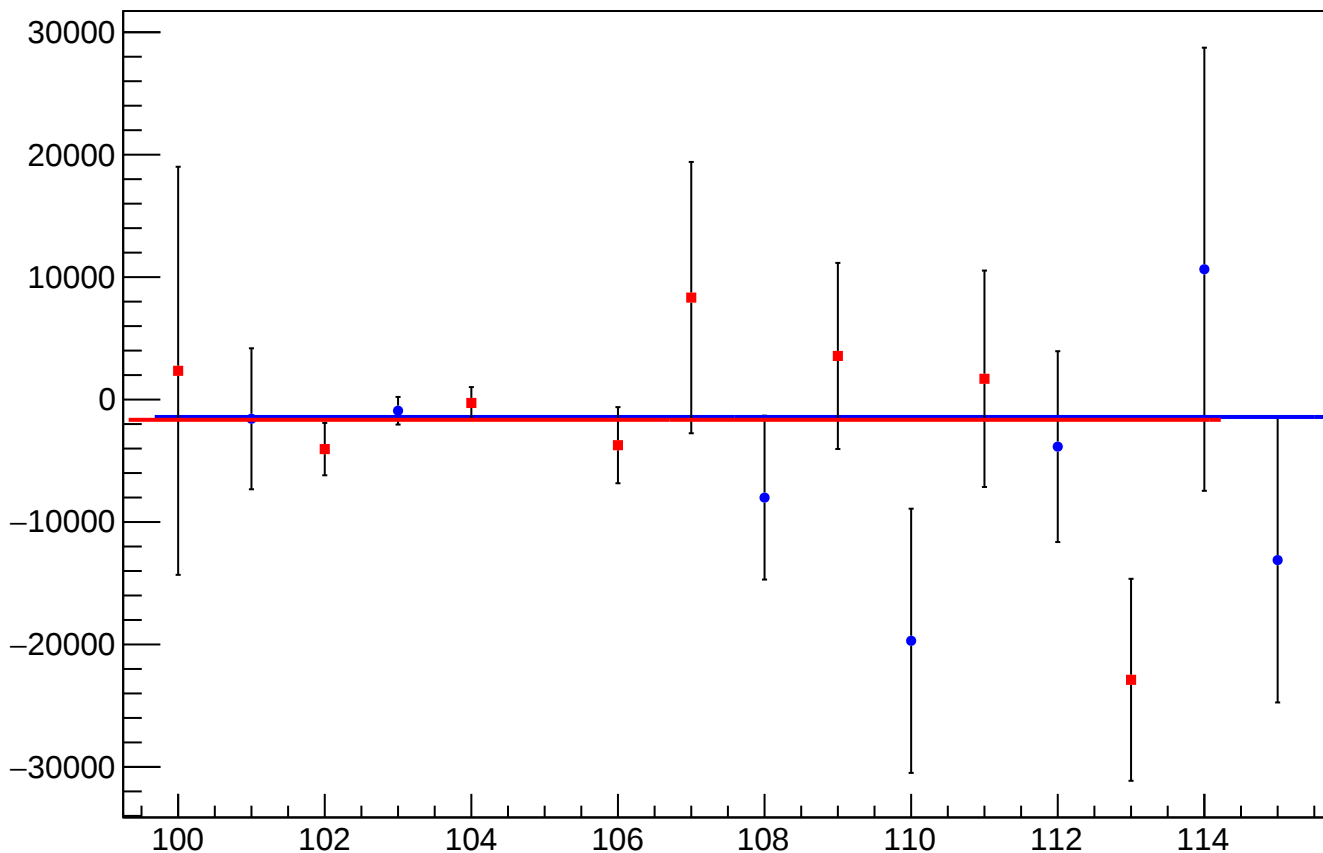
Right: 2008.862+/-0.607 χ^2/NDF : 309761.5/14

In: 1988.628+/-0.890 χ^2/NDF : 197829.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2008.862+/-0.607 χ^2/NDF : 309761.5/14

asym_atl1r2_avg_correction_mean vs Slug, Sign Corrected



Right In: -1420.196+/-1070.441 χ^2/NDF : 5.6/6

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

Right Out: -1652.891+/-1012.967 χ^2/NDF : 10.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

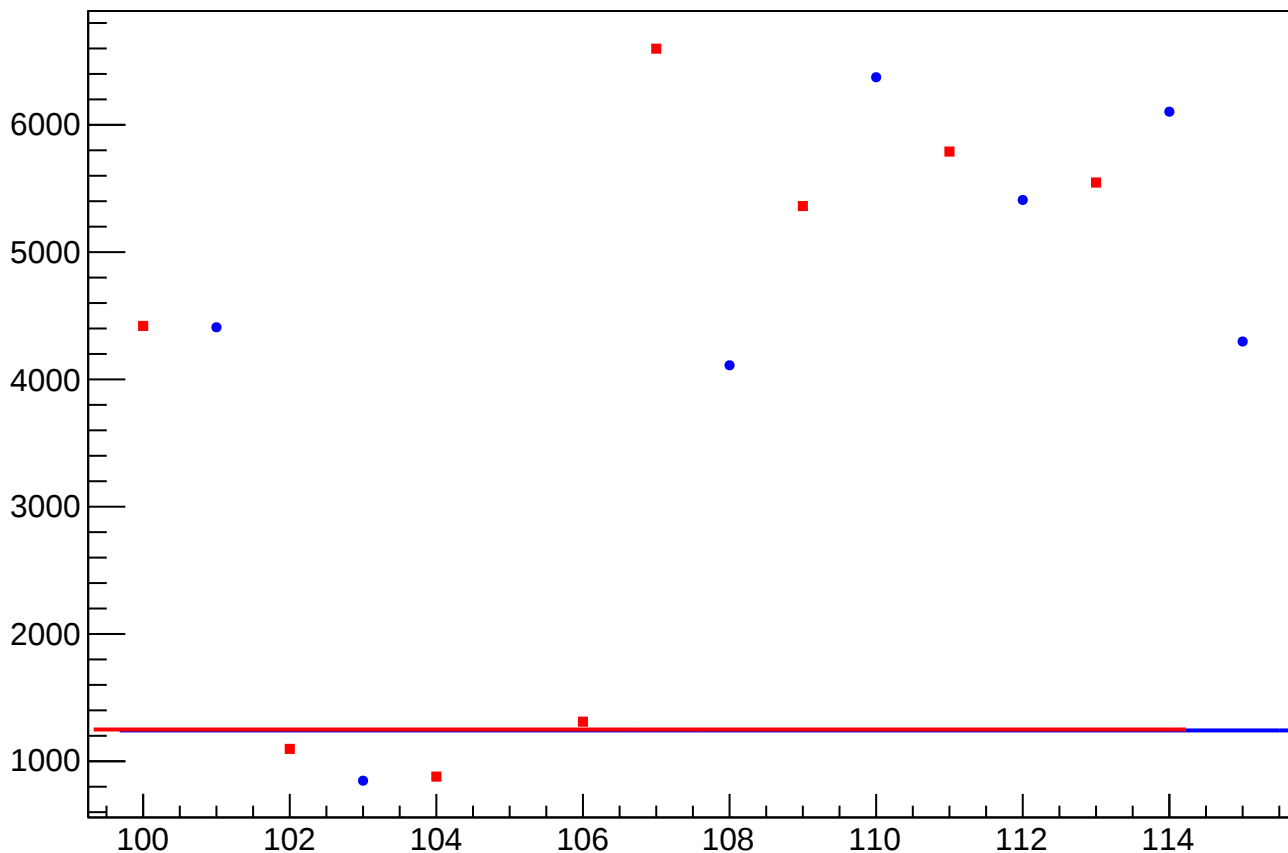
Right: -1542.958+/-735.756 χ^2/NDF : 16.6/14

In: -1420.196+/-1070.441 χ^2/NDF : 5.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1542.958+/-735.756 χ^2/NDF : 16.6/14

asym_atl1r2_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.144+/-0.757 χ^2/NDF : 2524980.5/6

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

Right Out: 1249.556+/-0.716 χ^2/NDF : 2369512.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

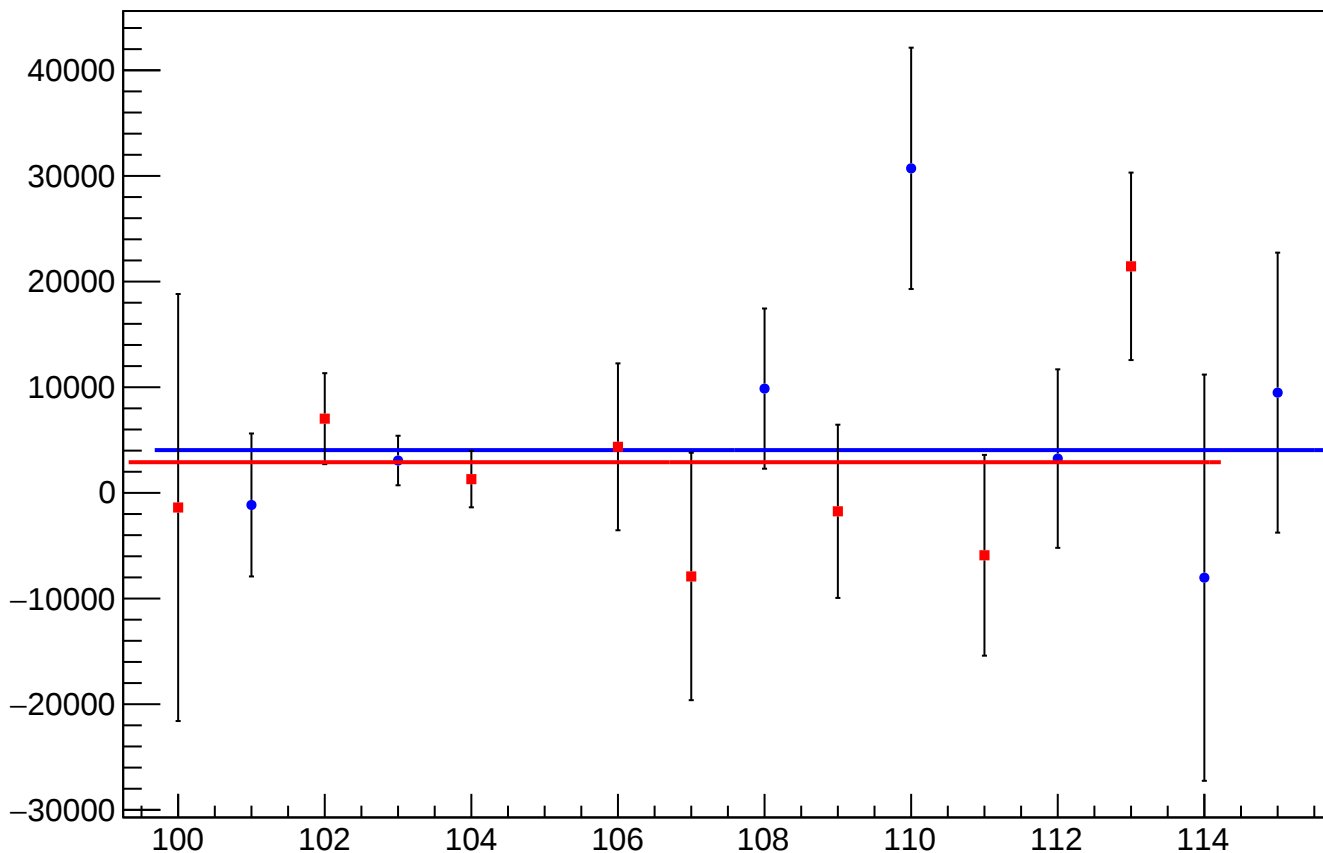
Right: 1246.054+/-0.520 χ^2/NDF : 4894543.9/14

In: 1242.144+/-0.757 χ^2/NDF : 2524980.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1246.054+/-0.520 χ^2/NDF : 4894543.9/14

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 4049.517+/-1995.265 χ^2/NDF : 7.4/6

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

Right Out: 2904.257+/-1965.230 χ^2/NDF : 7.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

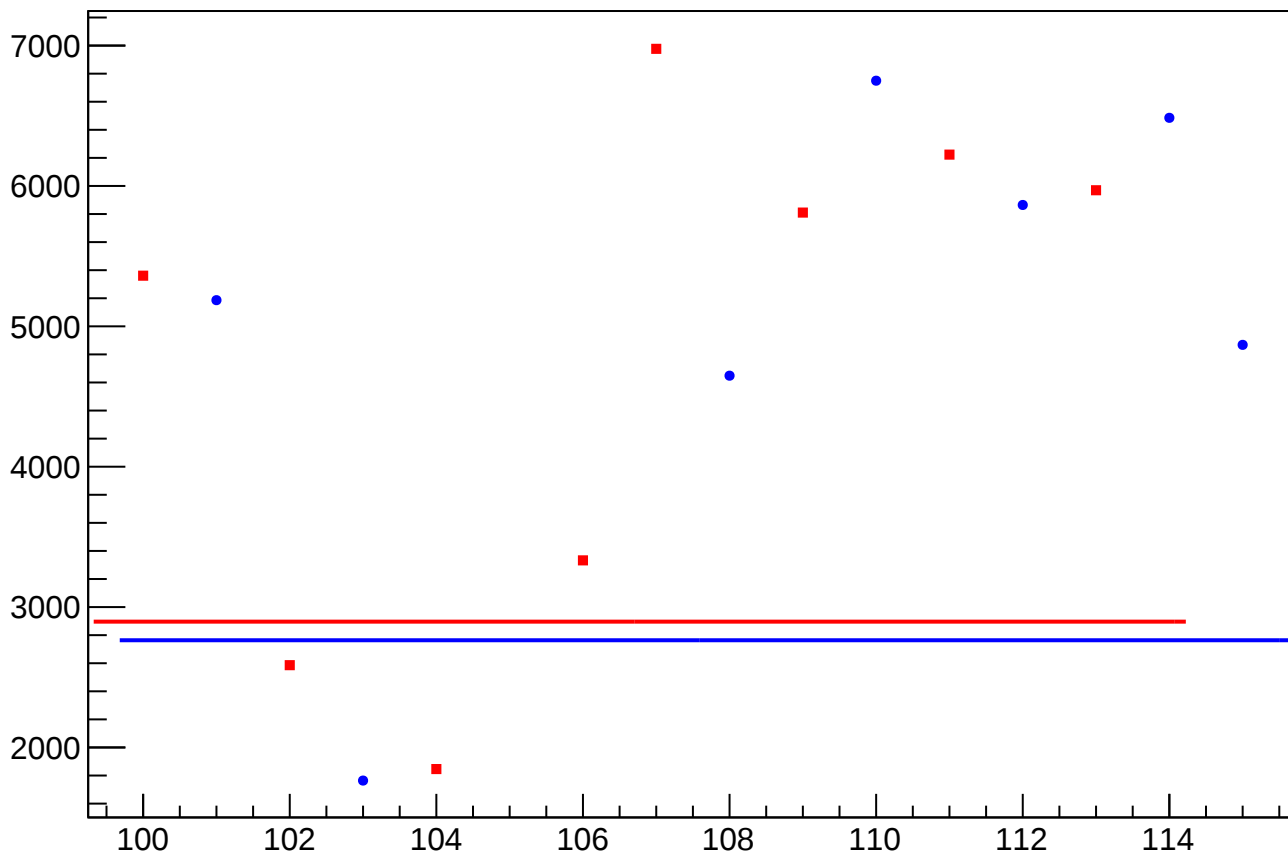
Right: 3468.202+/-1400.125 χ^2/NDF : 15.3/14

In: 4049.517+/-1995.265 χ^2/NDF : 7.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3468.202+/-1400.125 χ^2/NDF : 15.3/14

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2763.691+/-1.411 χ^2/NDF : 1381920.7/6

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

Right Out: 2896.292+/-1.376 χ^2/NDF : 1338851.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

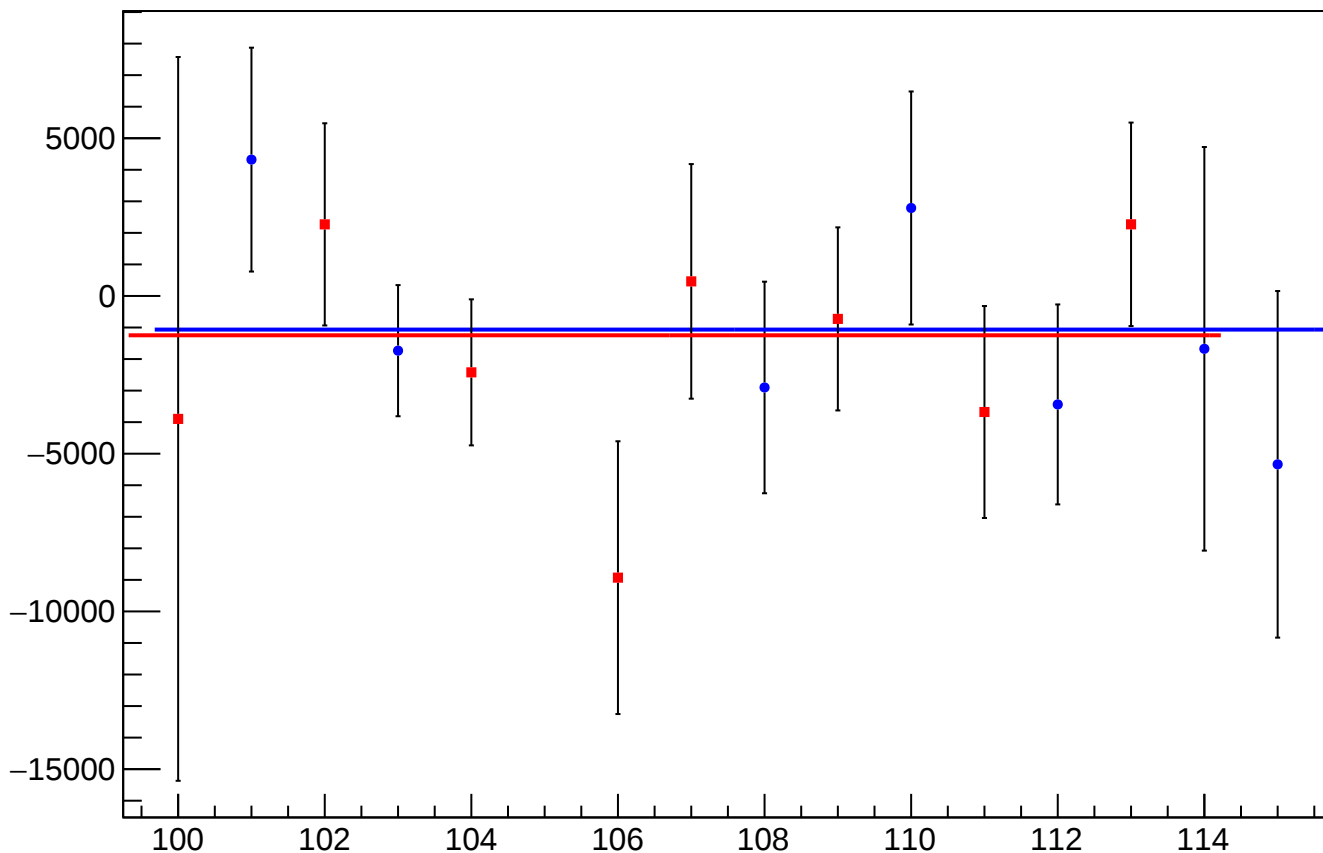
Right: 2831.656+/-0.985 χ^2/NDF : 2725299.2/14

In: 2763.691+/-1.411 χ^2/NDF : 1381920.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2831.656+/-0.985 χ^2/NDF : 2725299.2/14

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1065.678+/-1259.693 χ^2/NDF : 5.0/6

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

Right Out: -1246.654+/-1177.778 χ^2/NDF : 6.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

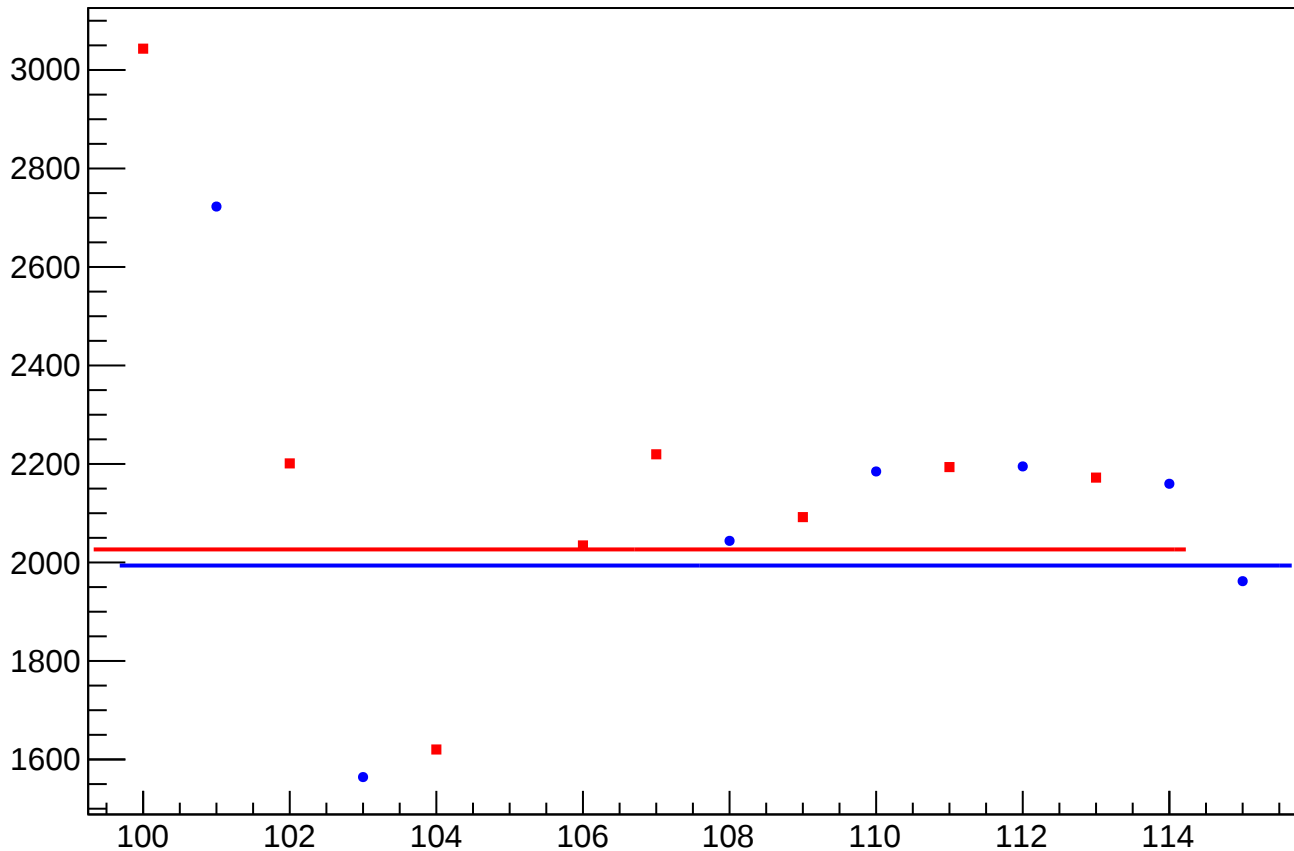
Right: -1162.241+/-860.317 χ^2/NDF : 11.6/14

In: -1065.678+/-1259.693 χ^2/NDF : 5.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1162.241+/-860.317 χ^2/NDF : 11.6/14

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1993.765+/-0.891 χ^2/NDF : 185082.3/6

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

Right Out: 2026.470+/-0.830 χ^2/NDF : 98728.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

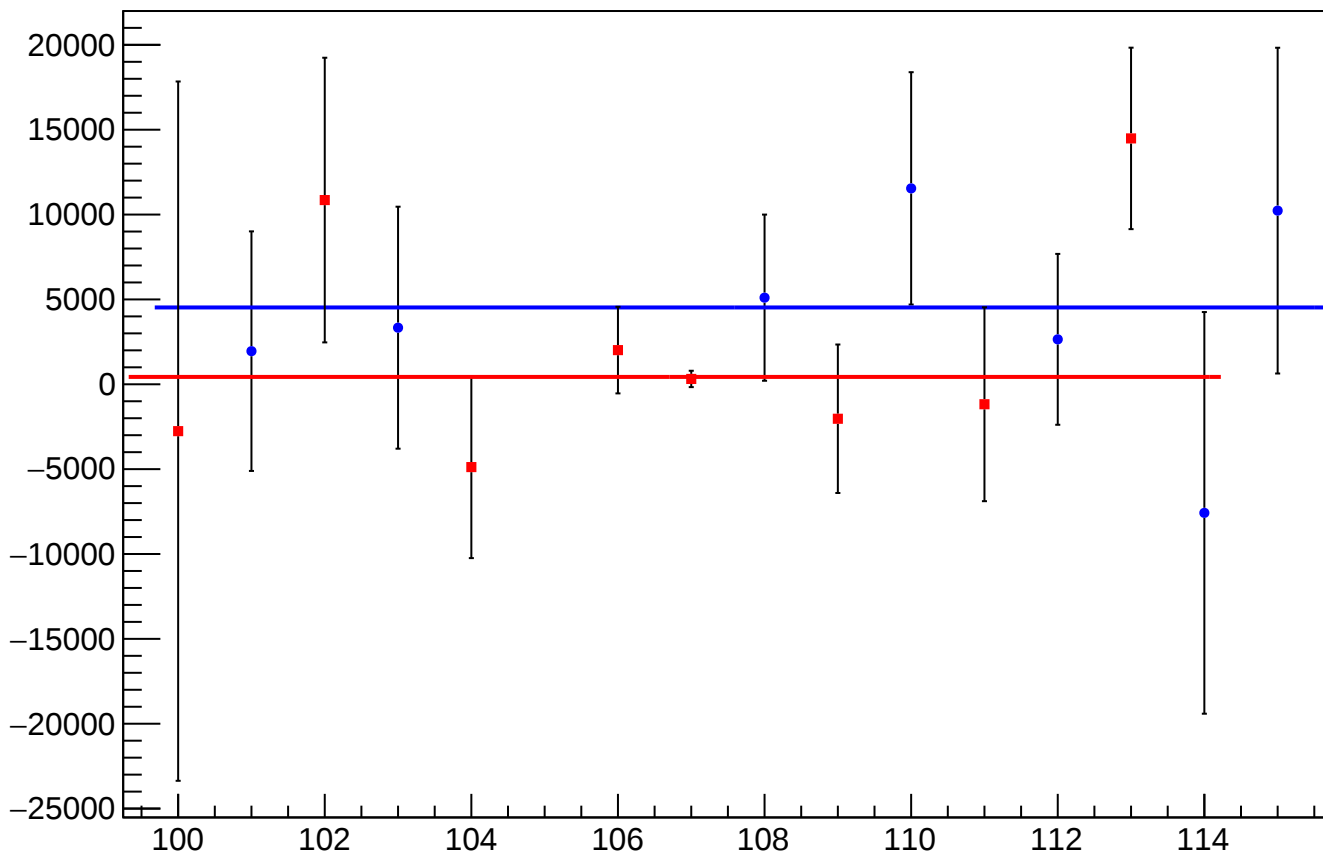
Right: 2011.281+/-0.607 χ^2/NDF : 284532.4/14

In: 1993.765+/-0.891 χ^2/NDF : 185082.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2011.281+/-0.607 χ^2/NDF : 284532.4/14

asym_atl1r2_dd_correction_mean vs Slug, Sign Corrected



Right In: 4527.152+/-2497.840 χ^2/NDF : 2.8/6

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

Right Out: 434.113+/-464.682 χ^2/NDF : 10.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

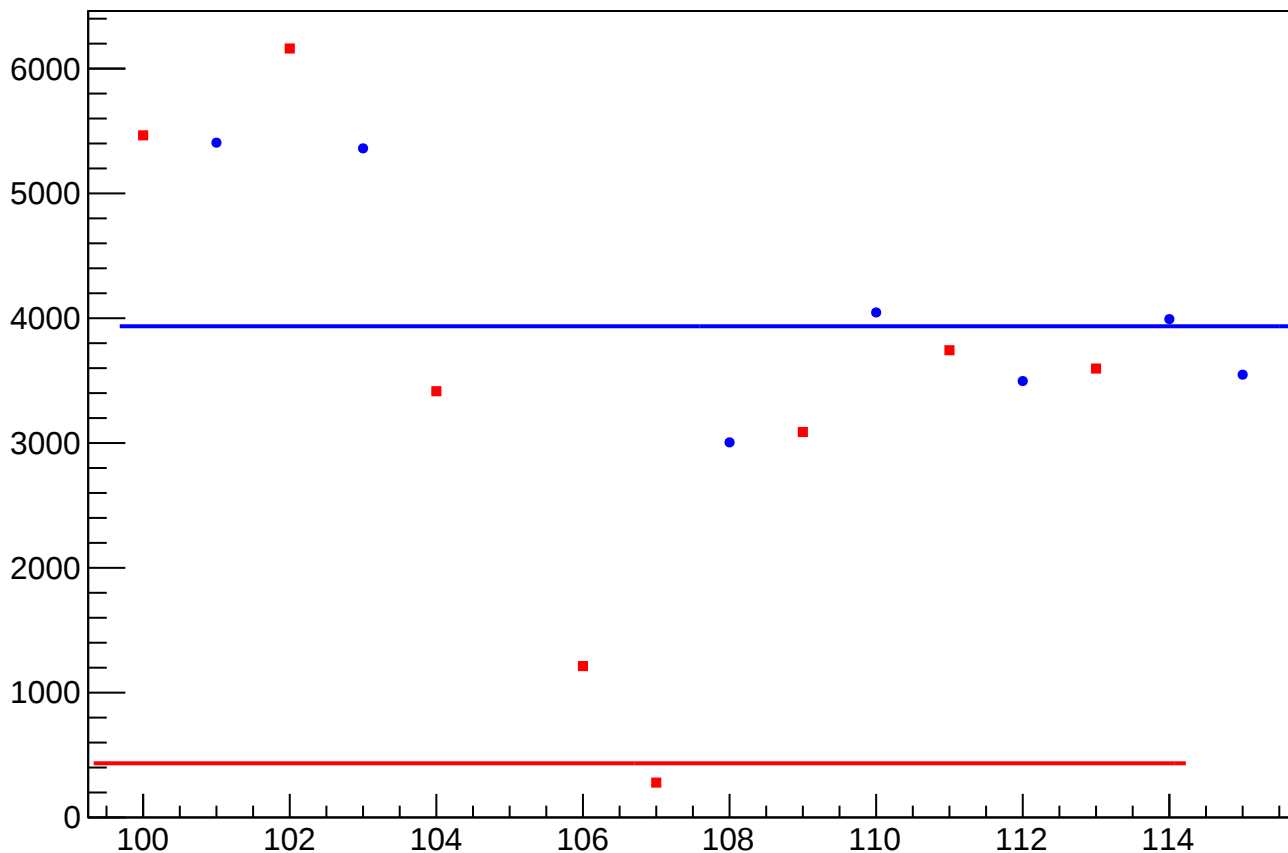
Right: 571.028+/-456.843 χ^2/NDF : 15.7/14

In: 4527.152+/-2497.840 χ^2/NDF : 2.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 571.028+/-456.843 χ^2/NDF : 15.7/14

asym_atl1r2_dd_correction_rms vs Slug, Sign Corrected



Right In: 3935.550+/-1.766 χ^2/NDF : 258109.4/6

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

Right Out: 434.099+/-0.329 χ^2/NDF : 4171020.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

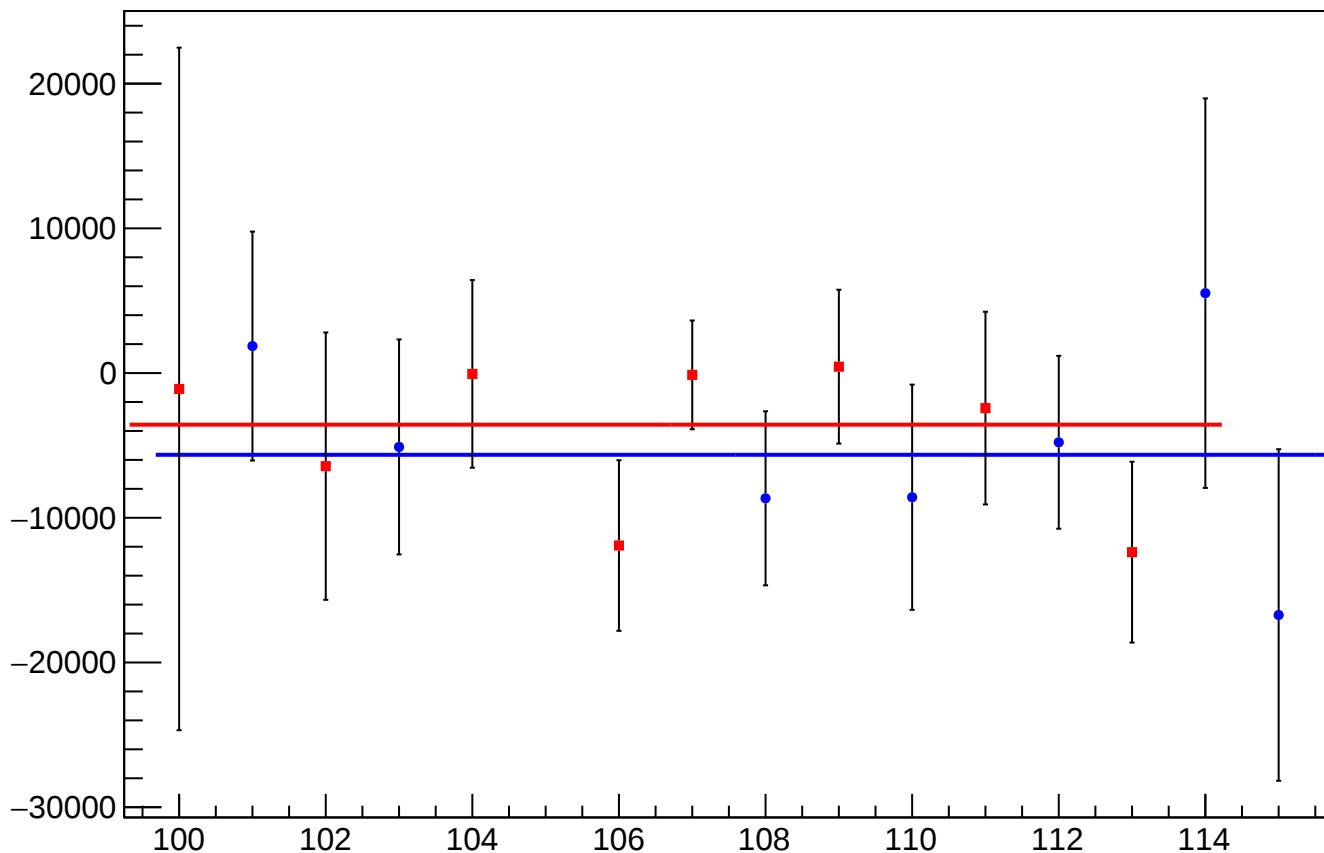
Right: 551.225+/-0.323 χ^2/NDF : 8227704.1/14

In: 3935.550+/-1.766 χ^2/NDF : 258109.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 551.225+/-0.323 χ^2/NDF : 8227704.1/14

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -5647.717+/-2893.429 χ^2/NDF : 2.9/6

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

Right Out: -3566.255+/-2129.811 χ^2/NDF : 5.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

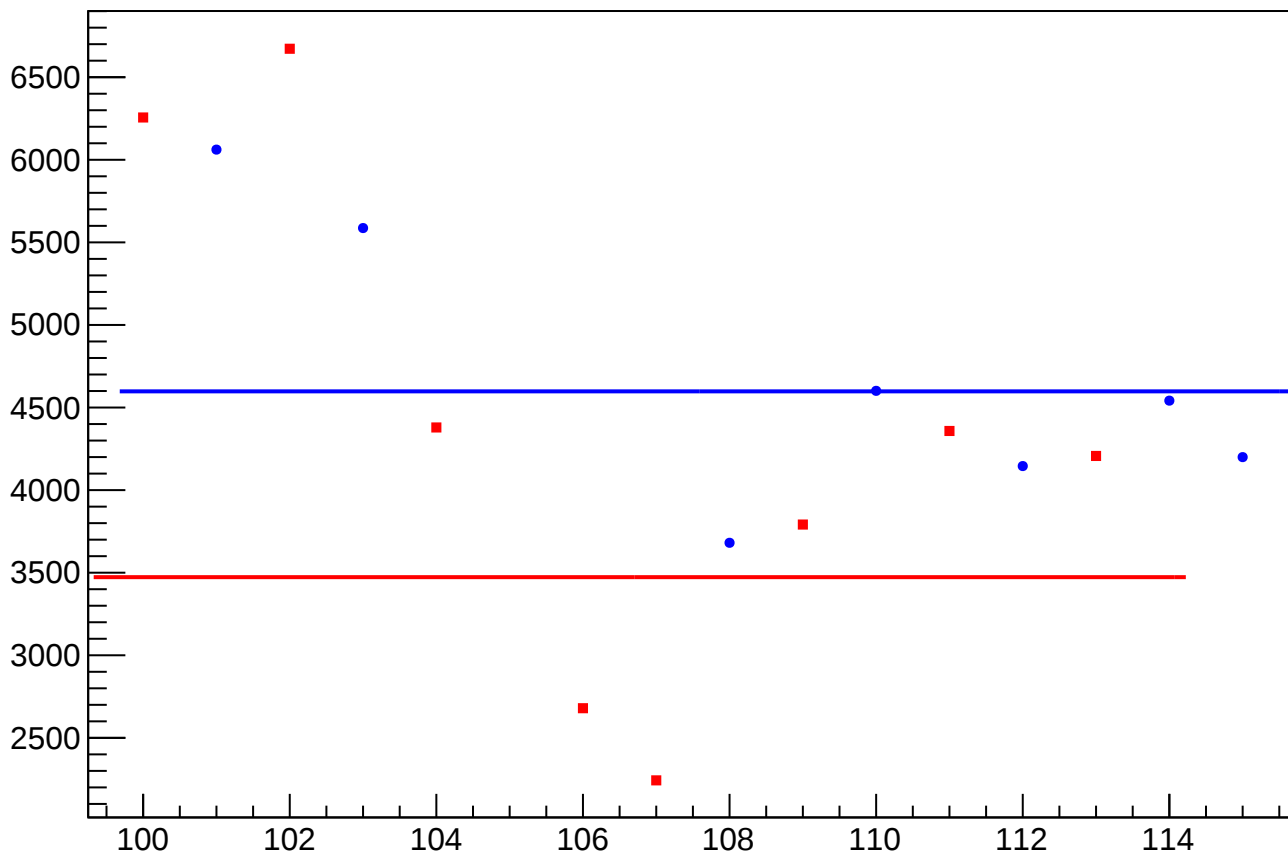
Right: -4297.715+/-1715.236 χ^2/NDF : 9.1/14

In: -5647.717+/-2893.429 χ^2/NDF : 2.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4297.715+/-1715.236 χ^2/NDF : 9.1/14

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 4597.956+/-2.046 χ^2/NDF : 164349.0/6

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

Right Out: 3473.002+/-1.489 χ^2/NDF : 634160.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

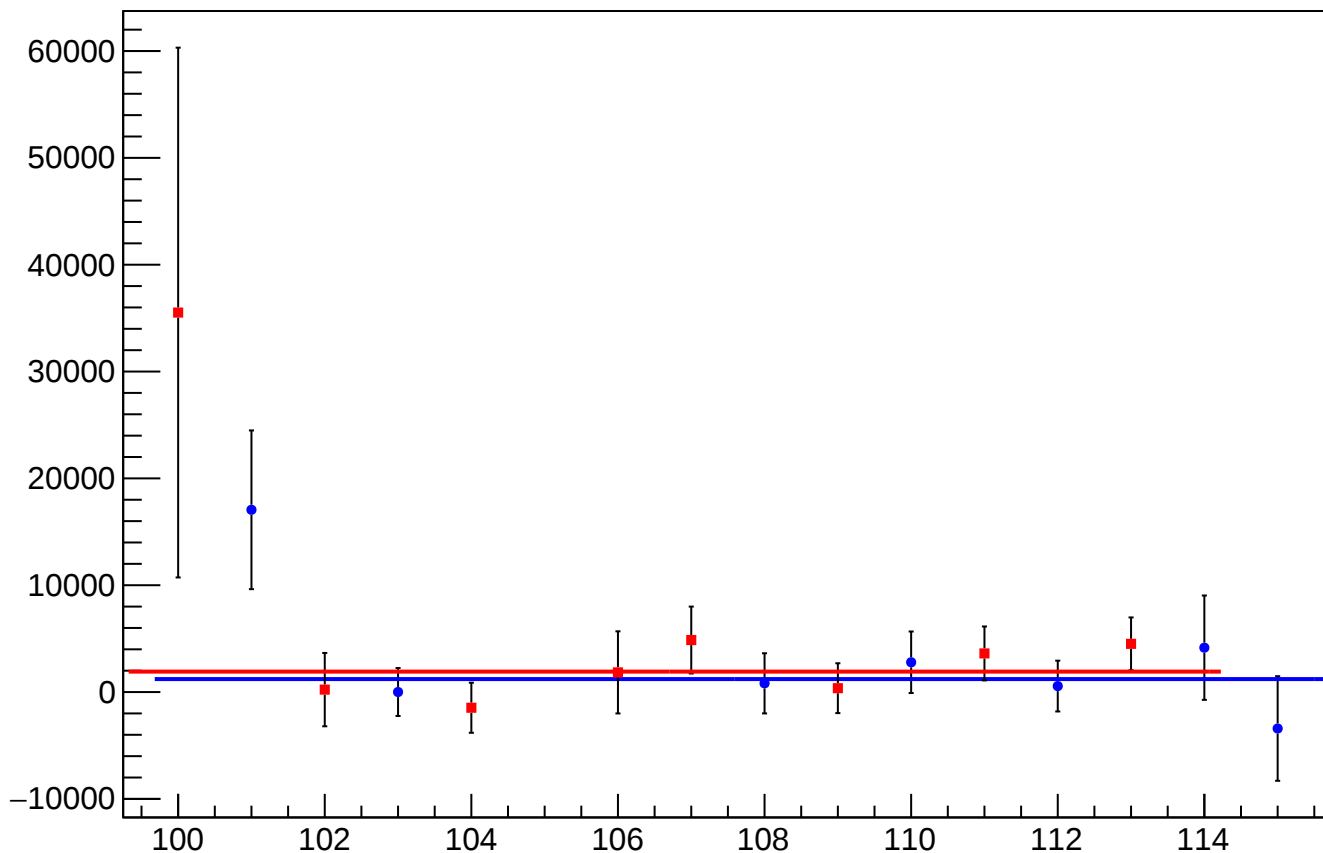
Right: 3862.371+/-1.204 χ^2/NDF : 996193.9/14

In: 4597.956+/-2.046 χ^2/NDF : 164349.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3862.371+/-1.204 χ^2/NDF : 996193.9/14

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1215.472+/-1175.102 χ^2/NDF : 6.5/6

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

Right Out: 1913.983+/-1029.831 χ^2/NDF : 7.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

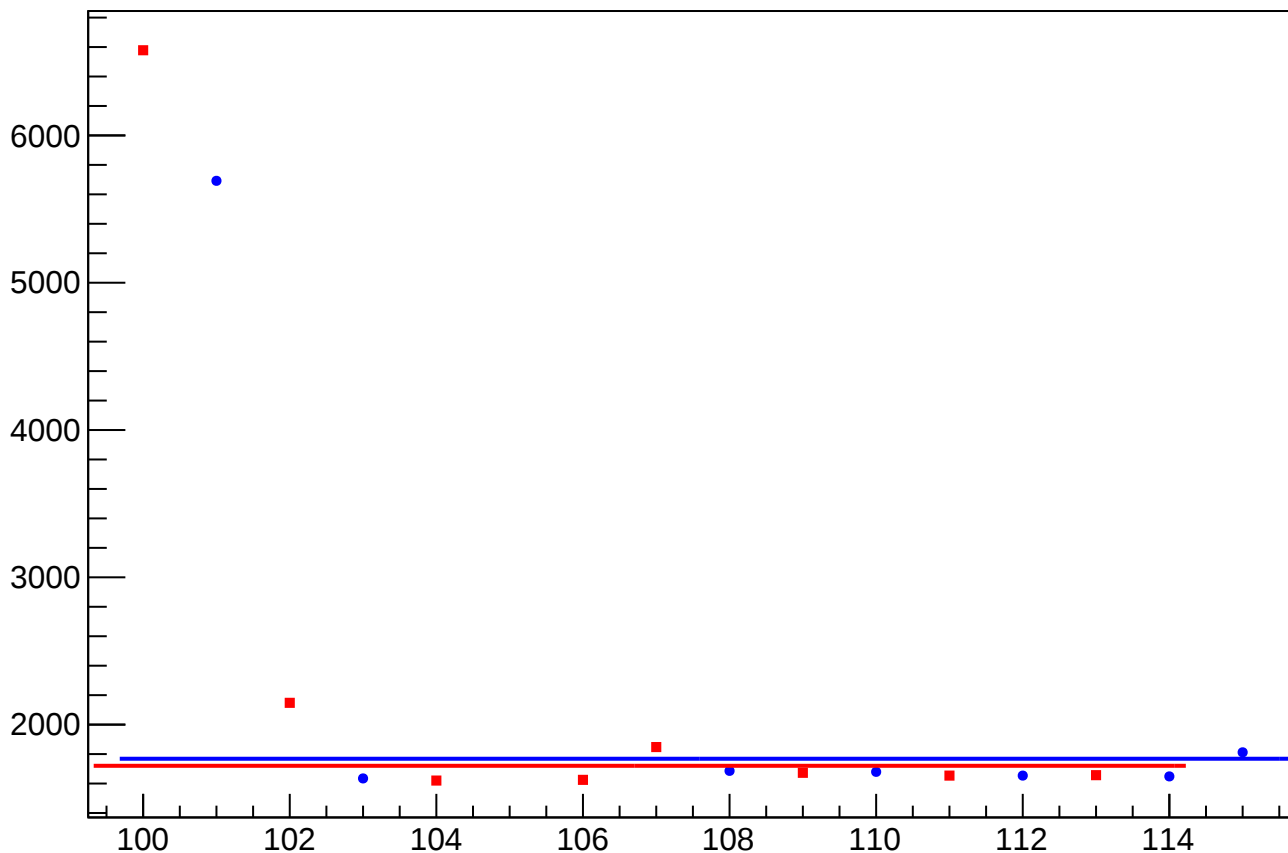
Right: 1610.549+/-774.498 χ^2/NDF : 13.7/14

In: 1215.472+/-1175.102 χ^2/NDF : 6.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1610.549+/-774.498 χ^2/NDF : 13.7/14

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1768.313+/-0.831 χ^2/NDF : 574762.6/6

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

Right Out: 1720.430+/-0.717 χ^2/NDF : 120075.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

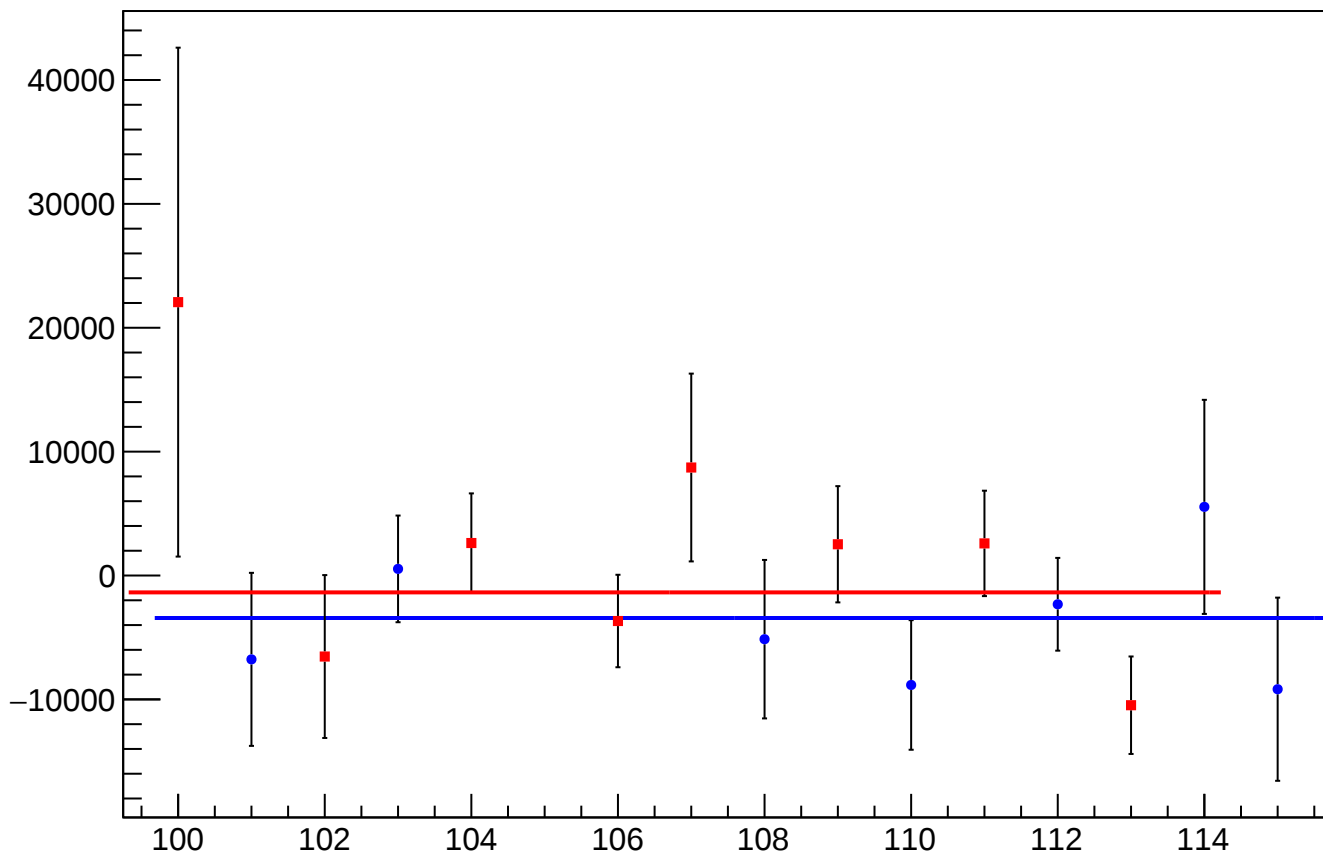
Right: 1740.868+/-0.543 χ^2/NDF : 696741.5/14

In: 1768.313+/-0.831 χ^2/NDF : 574762.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1740.868+/-0.543 χ^2/NDF : 696741.5/14

asym_atr1l2_avg_correction_mean vs Slug, Sign Corrected



Right In: -3429.247+/-2047.741 χ^2 /NDF: 4.0/6

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

Right Out: -1361.678+/-1709.157 χ^2 /NDF: 12.0/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

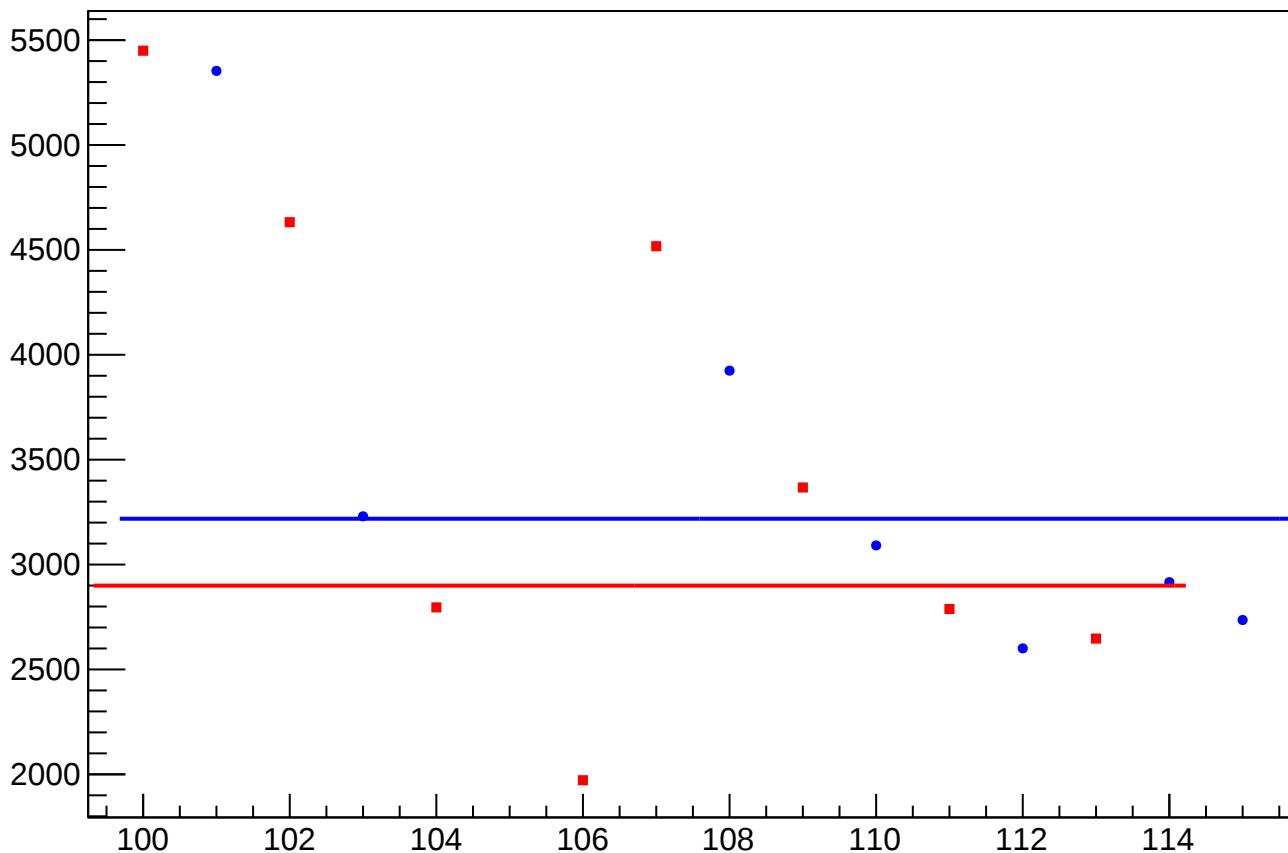
Right: -2210.628+/-1312.157 χ^2 /NDF: 16.6/14

In: -3429.247+/-2047.741 χ^2 /NDF:4.0/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2210.628+/-1312.157 χ^2 /NDF: 16.6/14

asym_atr1l2_avg_correction_rms vs Slug, Sign Corrected



Right In: 3218.496+/-1.448 χ^2/NDF : 277901.6/6

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

Right Out: 2899.592+/-1.209 χ^2/NDF : 415260.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

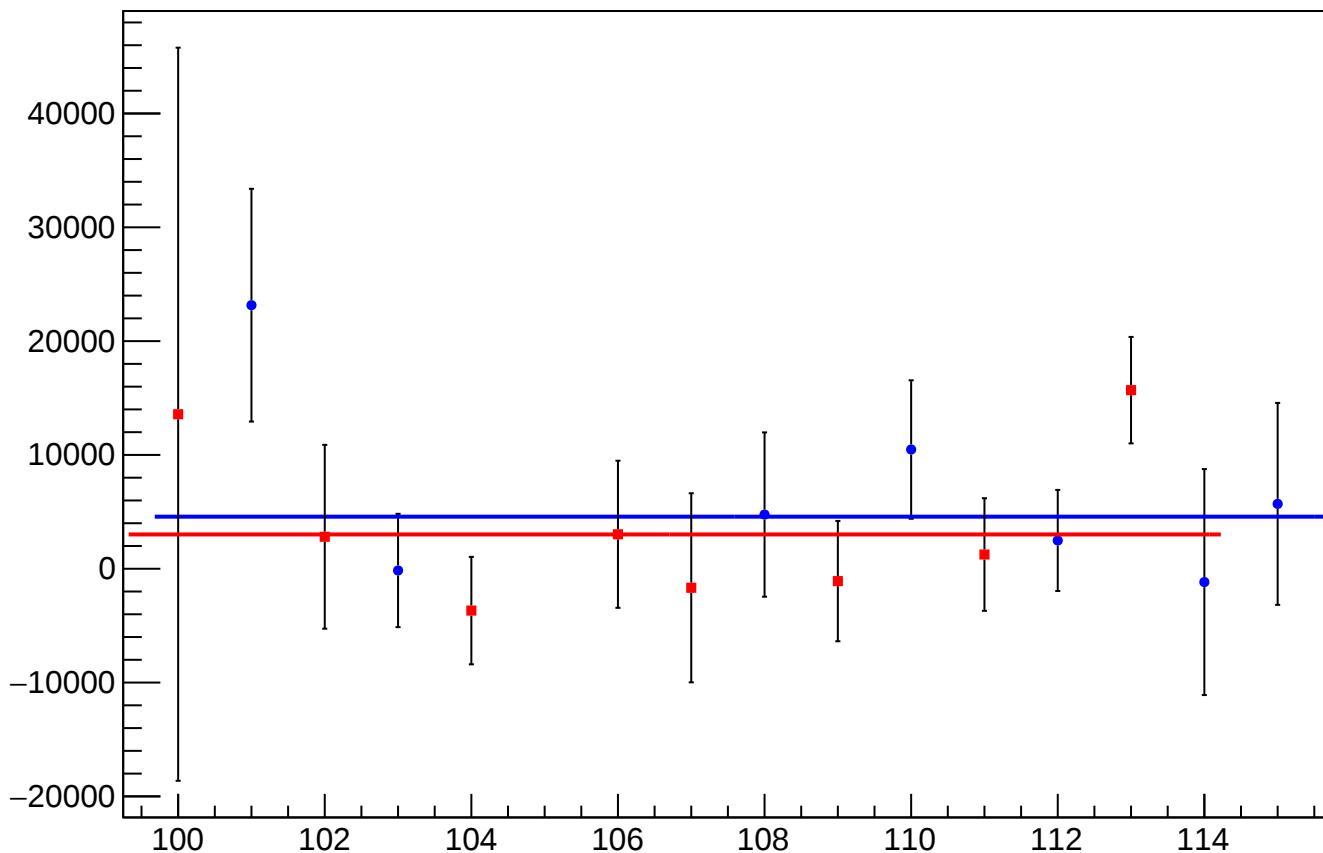
Right: 3030.535+/-0.928 χ^2/NDF : 721752.1/14

In: 3218.496+/-1.448 χ^2/NDF : 277901.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3030.535+/-0.928 χ^2/NDF : 721752.1/14

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 4575.994 $\pm$ 2427.621 χ^2 /NDF: 5.7/6

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

Right Out: 3014.135 $\pm$ 2122.374 χ^2 /NDF: 10.5/7

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

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

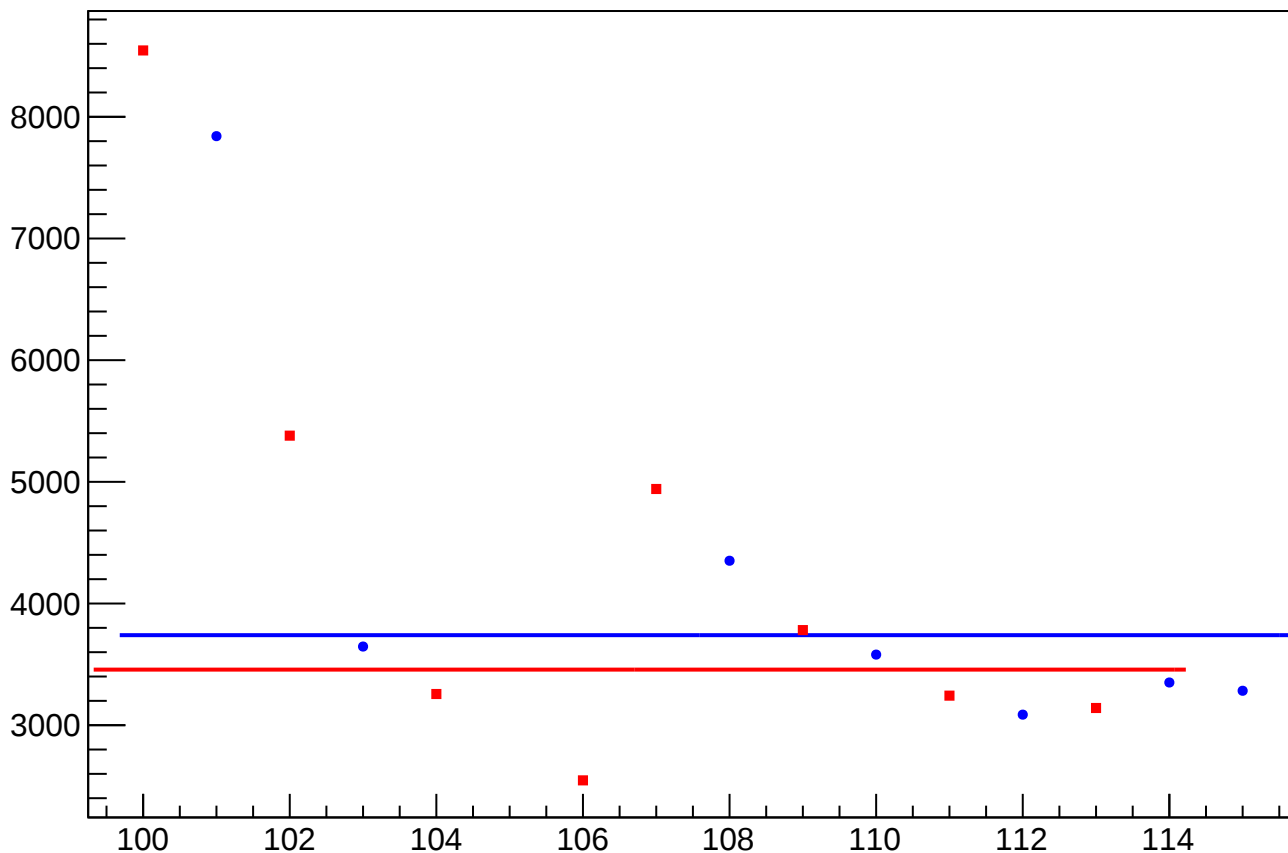
Right: 3690.753 $\pm$ 1597.834 χ^2 /NDF: 16.5/14

In: 4575.994 $\pm$ 2427.621 χ^2 /NDF: 5.7/6

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

All: 3690.753 $\pm$ 1597.834 χ^2 /NDF: 16.5/14

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 3739.921+/-1.717 χ^2/NDF : 389822.6/6

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

Right Out: 3456.809+/-1.453 χ^2/NDF : 315625.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

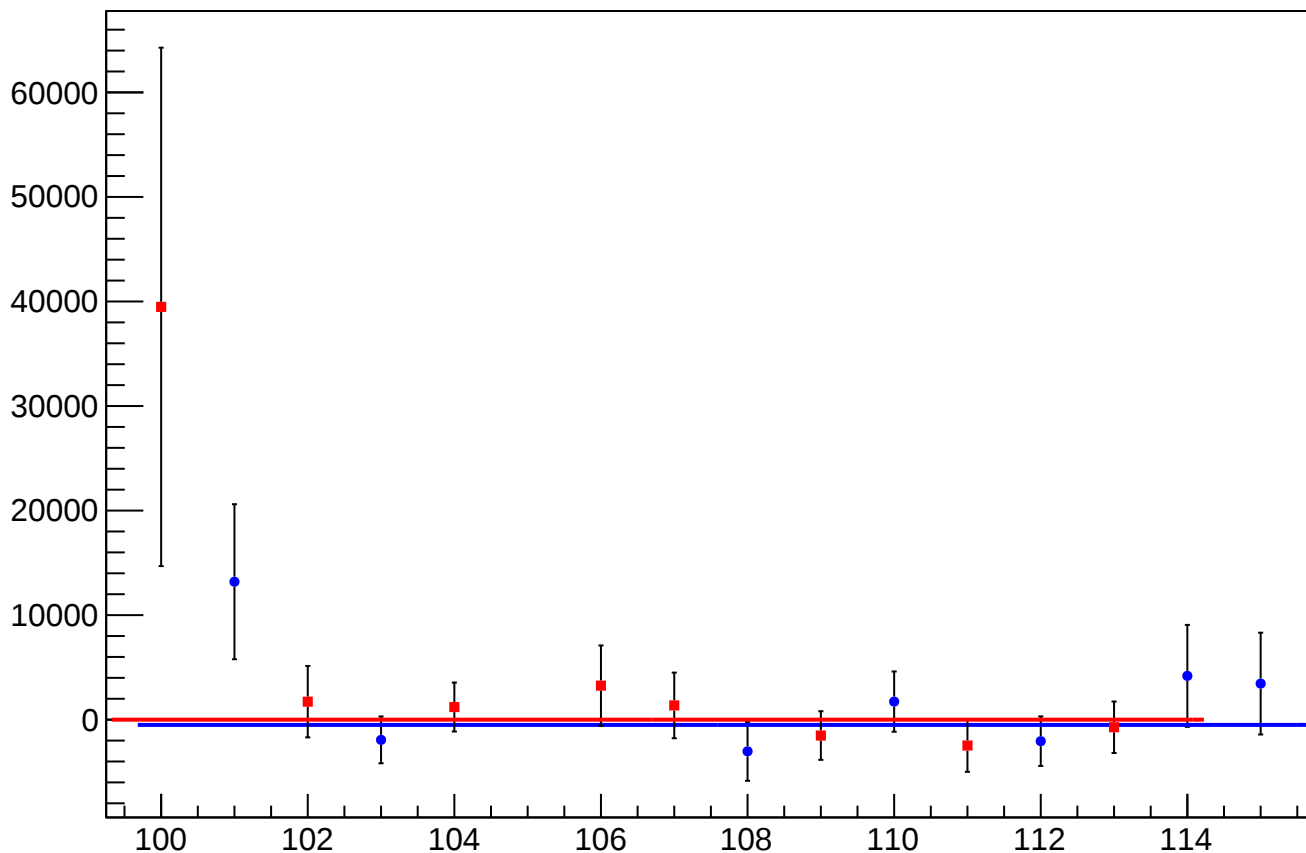
Right: 3574.957+/-1.109 χ^2/NDF : 721297.9/14

In: 3739.921+/-1.717 χ^2/NDF : 389822.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3574.957+/-1.109 χ^2/NDF : 721297.9/14

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -499.477+/-1173.445 χ^2/NDF : 7.2/6

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

Right Out: 0.392+/-1027.748 χ^2/NDF : 5.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

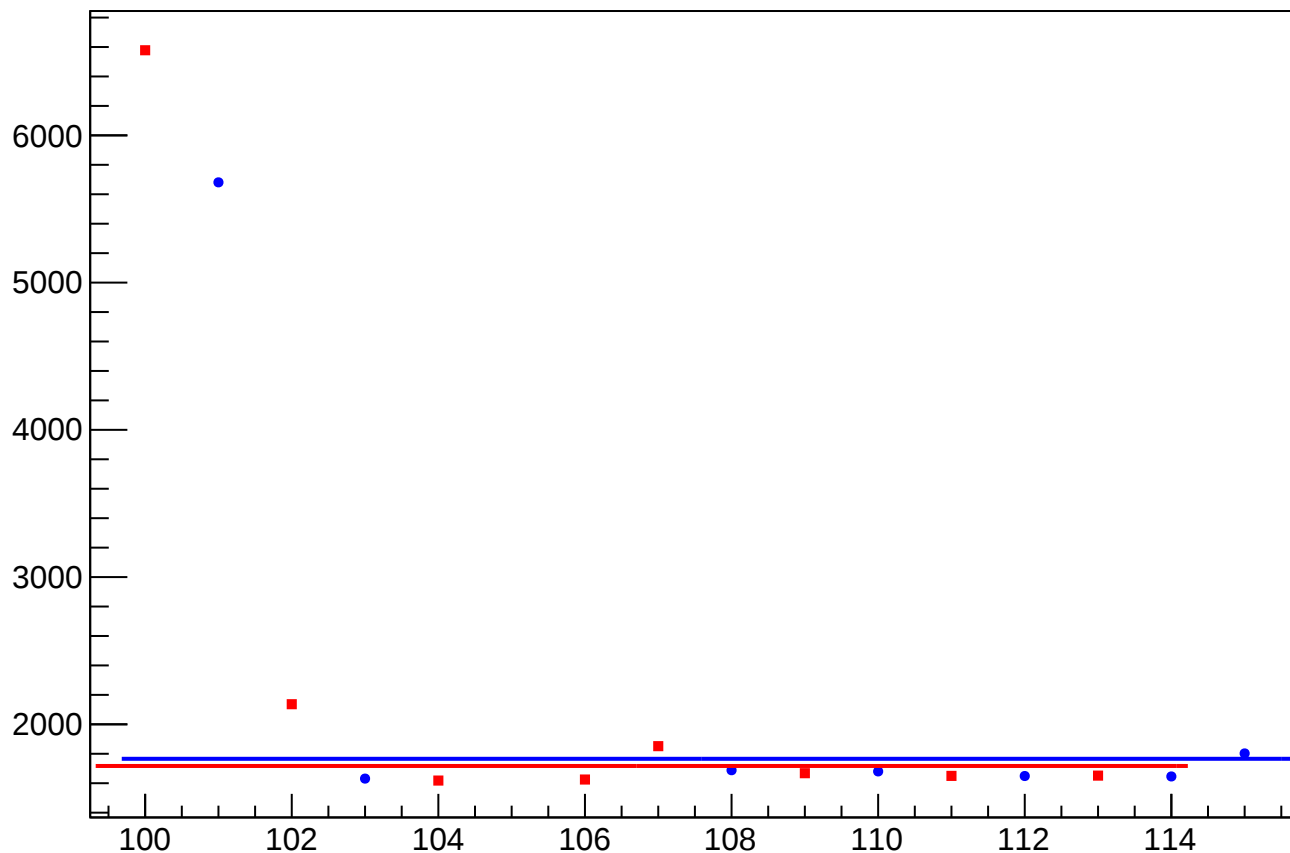
Right: -216.600+/-773.138 χ^2/NDF : 12.8/14

In: -499.477+/-1173.445 χ^2/NDF : 7.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -216.600+/-773.138 χ^2/NDF : 12.8/14

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1765.854+/-0.830 χ^2/NDF : 574402.3/6

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

Right Out: 1717.133+/-0.716 χ^2/NDF : 119715.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

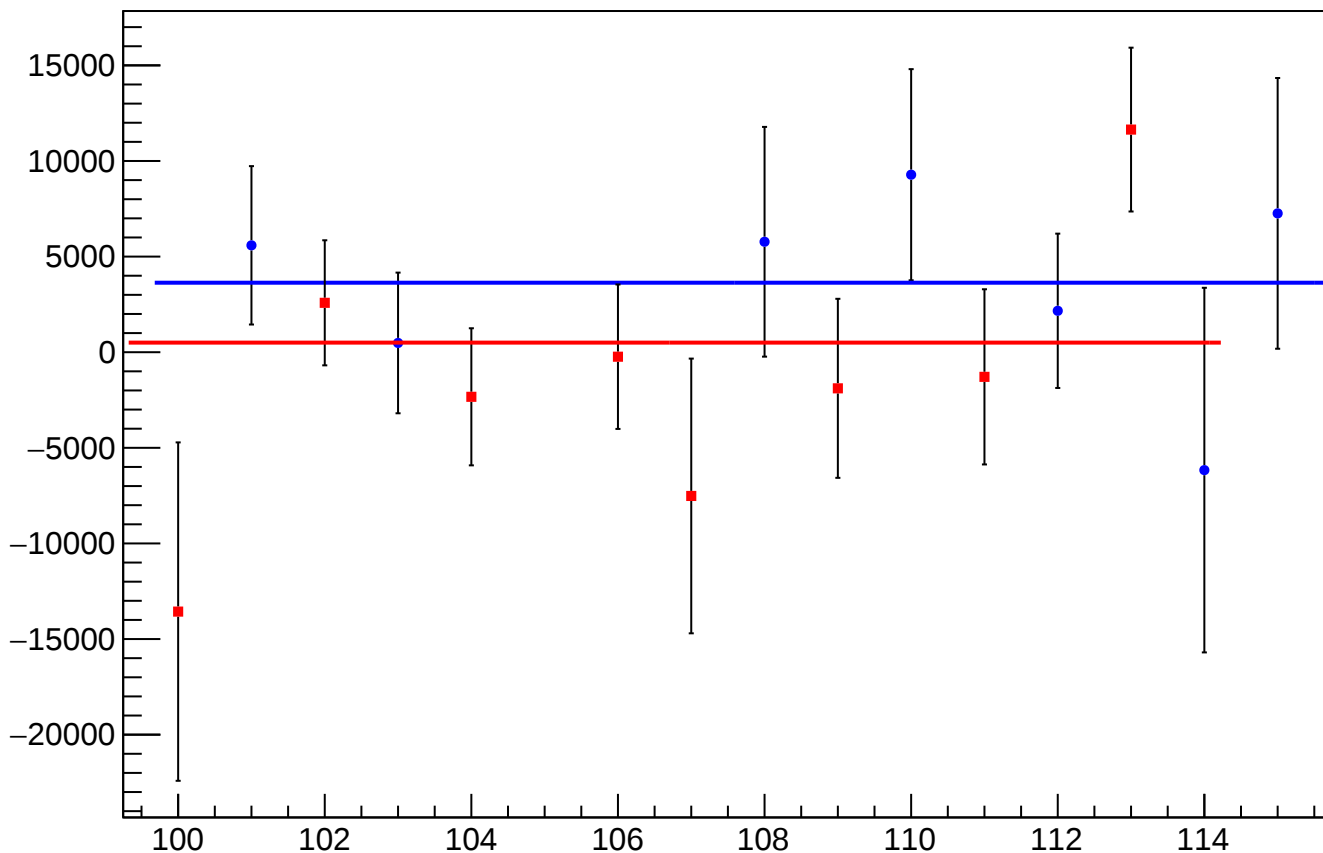
Right: 1737.915+/-0.542 χ^2/NDF : 696095.1/14

In: 1765.854+/-0.830 χ^2/NDF : 574402.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1737.915+/-0.542 χ^2/NDF : 696095.1/14

asym_atr1l2_dd_correction_mean vs Slug, Sign Corrected



Right In: 3634.529+/-1872.806 χ^2/NDF : 3.6/6

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

Right Out: 501.924+/-1540.496 χ^2/NDF : 12.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

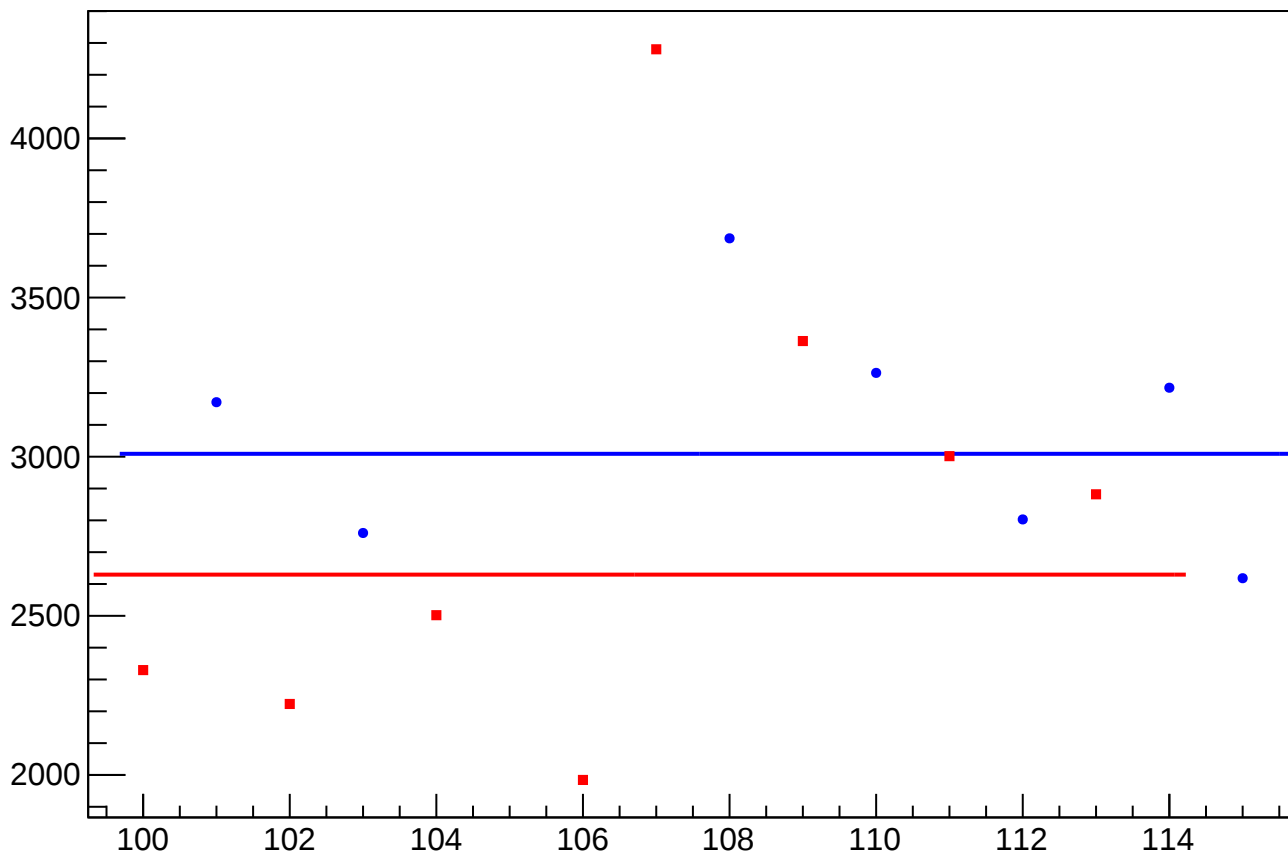
Right: 1766.108+/-1189.721 χ^2/NDF : 17.3/14

In: 3634.529+/-1872.806 χ^2/NDF : 3.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1766.108+/-1189.721 χ^2/NDF : 17.3/14

asym_atr1l2_dd_correction_rms vs Slug, Sign Corrected



Right In: 3009.063+/-1.324 χ^2/NDF : 54132.4/6

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

Right Out: 2629.469+/-1.089 χ^2/NDF : 268986.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

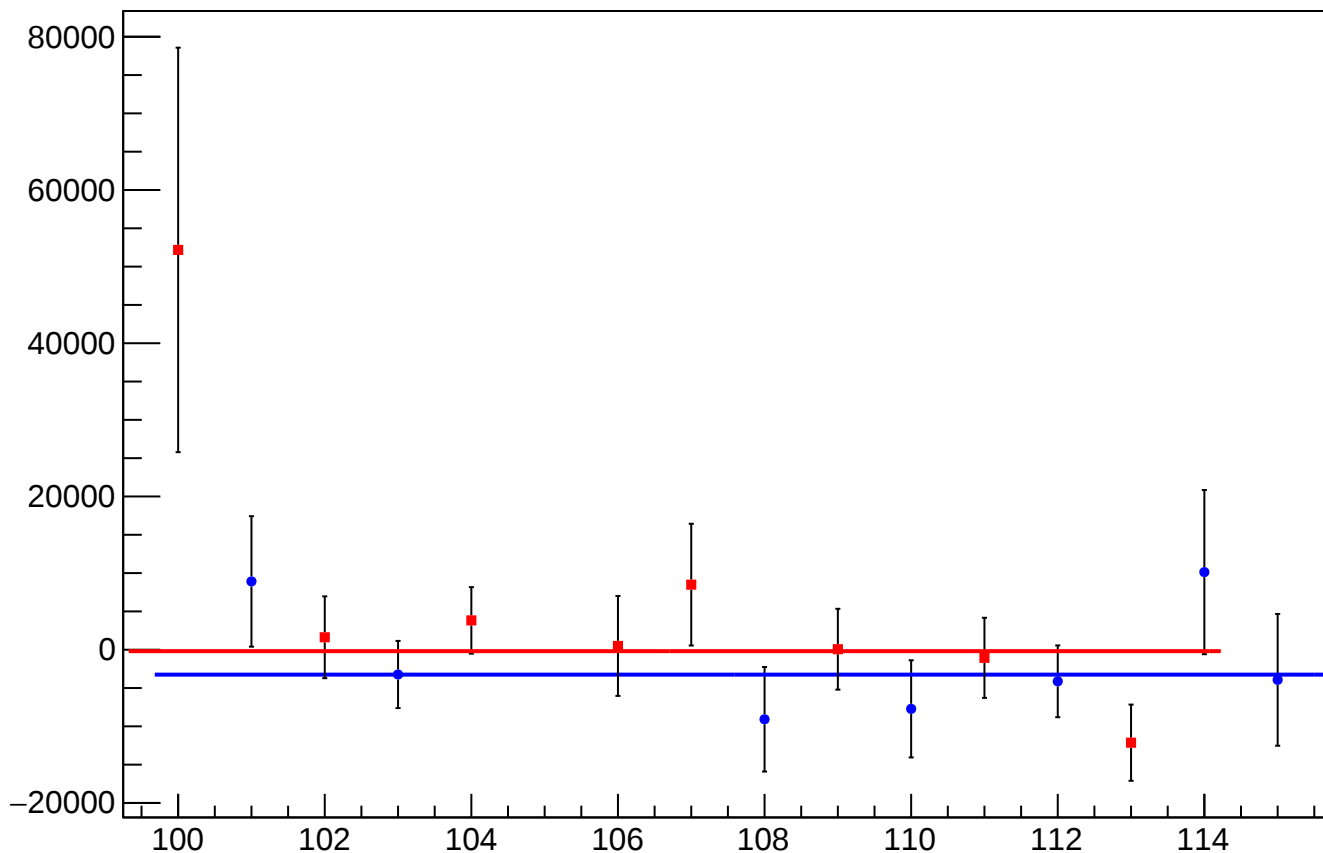
Right: 2782.657+/-0.841 χ^2/NDF : 372125.5/14

In: 3009.063+/-1.324 χ^2/NDF : 54132.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2782.657+/-0.841 χ^2/NDF : 372125.5/14

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -3251.044+/-2357.121 χ^2/NDF : 4.9/6

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

Right Out: -188.868+/-2033.017 χ^2/NDF : 11.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

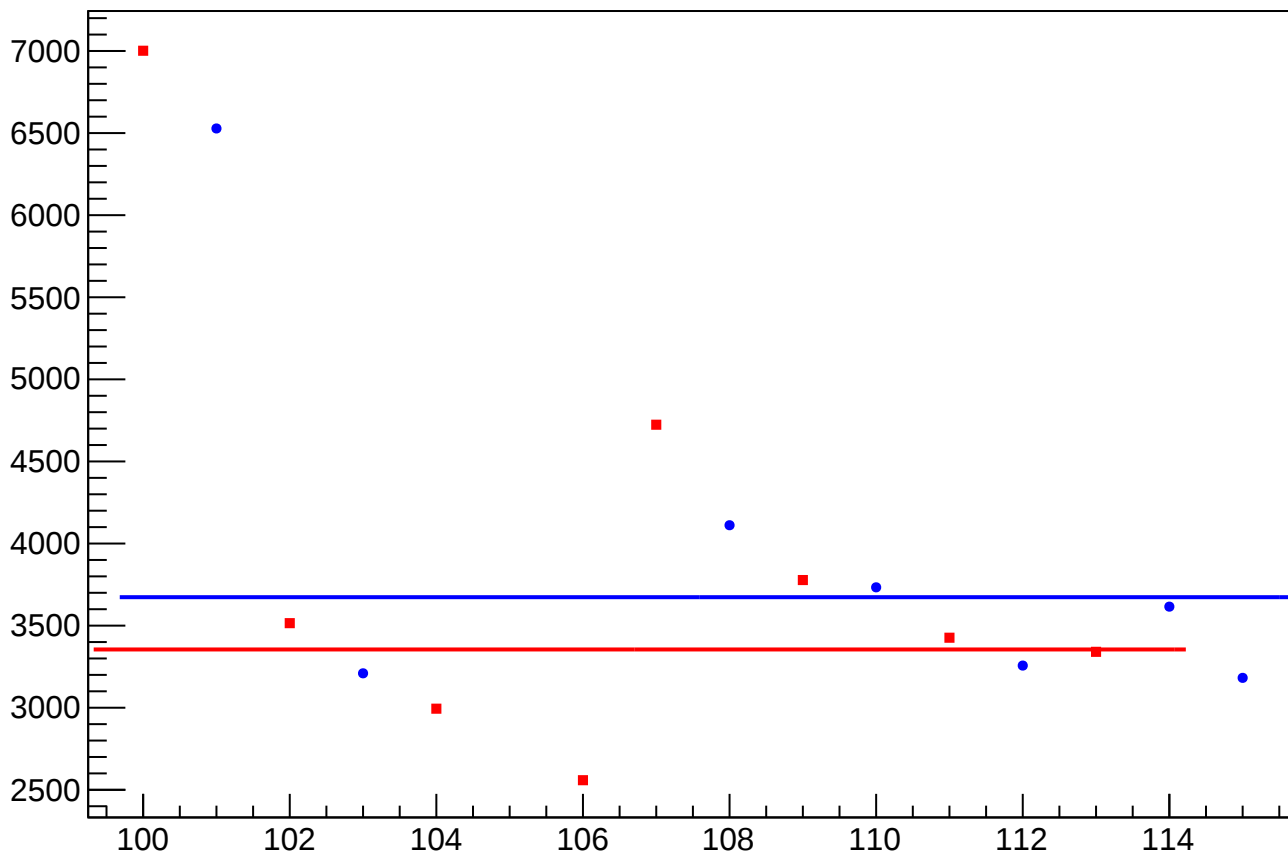
Right: -1495.115+/-1539.499 χ^2/NDF : 17.7/14

In: -3251.044+/-2357.121 χ^2/NDF : 4.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1495.115+/-1539.499 χ^2/NDF : 17.7/14

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3673.274+/-1.667 χ^2/NDF : 277965.6/6

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

Right Out: 3354.827+/-1.395 χ^2/NDF : 175174.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

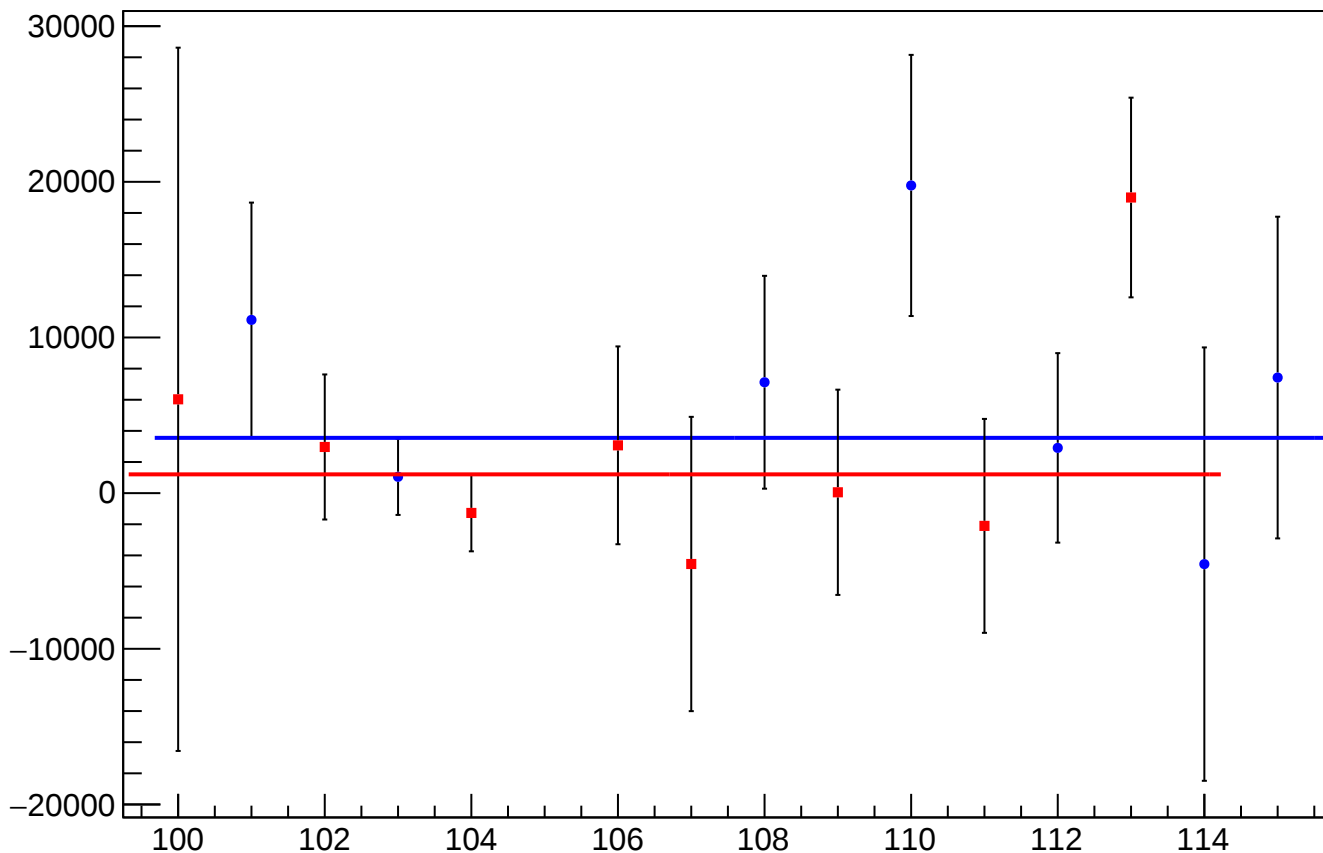
Right: 3486.028+/-1.070 χ^2/NDF : 474604.9/14

In: 3673.274+/-1.667 χ^2/NDF : 277965.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3486.028+/-1.070 χ^2/NDF : 474604.9/14

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3551.896+/-1955.561 χ^2/NDF : 6.6/6

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

Right Out: 1206.867+/-1776.183 χ^2/NDF : 9.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

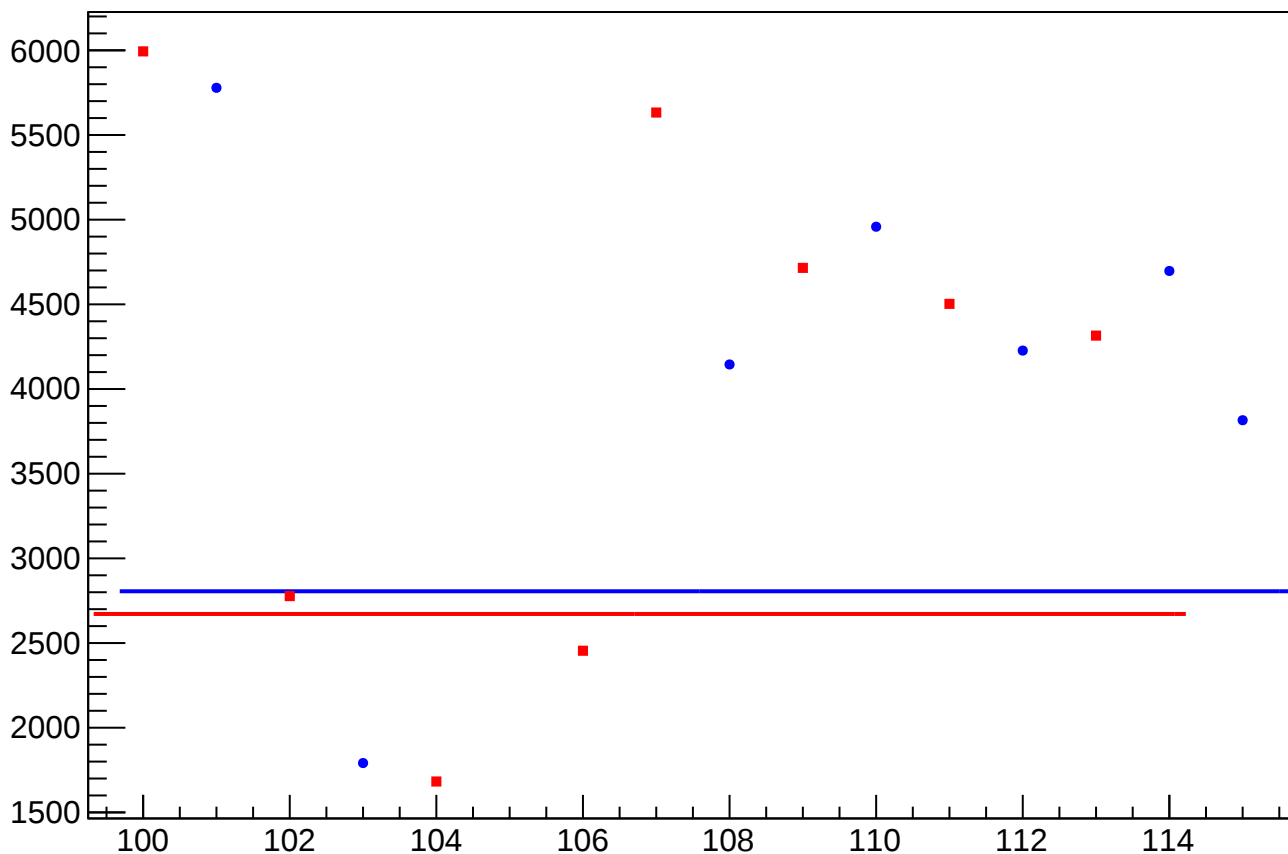
Right: 2266.920+/-1314.804 χ^2/NDF : 17.0/14

In: 3551.896+/-1955.561 χ^2/NDF : 6.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2266.920+/-1314.804 χ^2/NDF : 17.0/14

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2805.733+/-1.383 χ^2/NDF : 1027947.7/6

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

Right Out: 2671.702+/-1.237 χ^2/NDF : 1031288.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

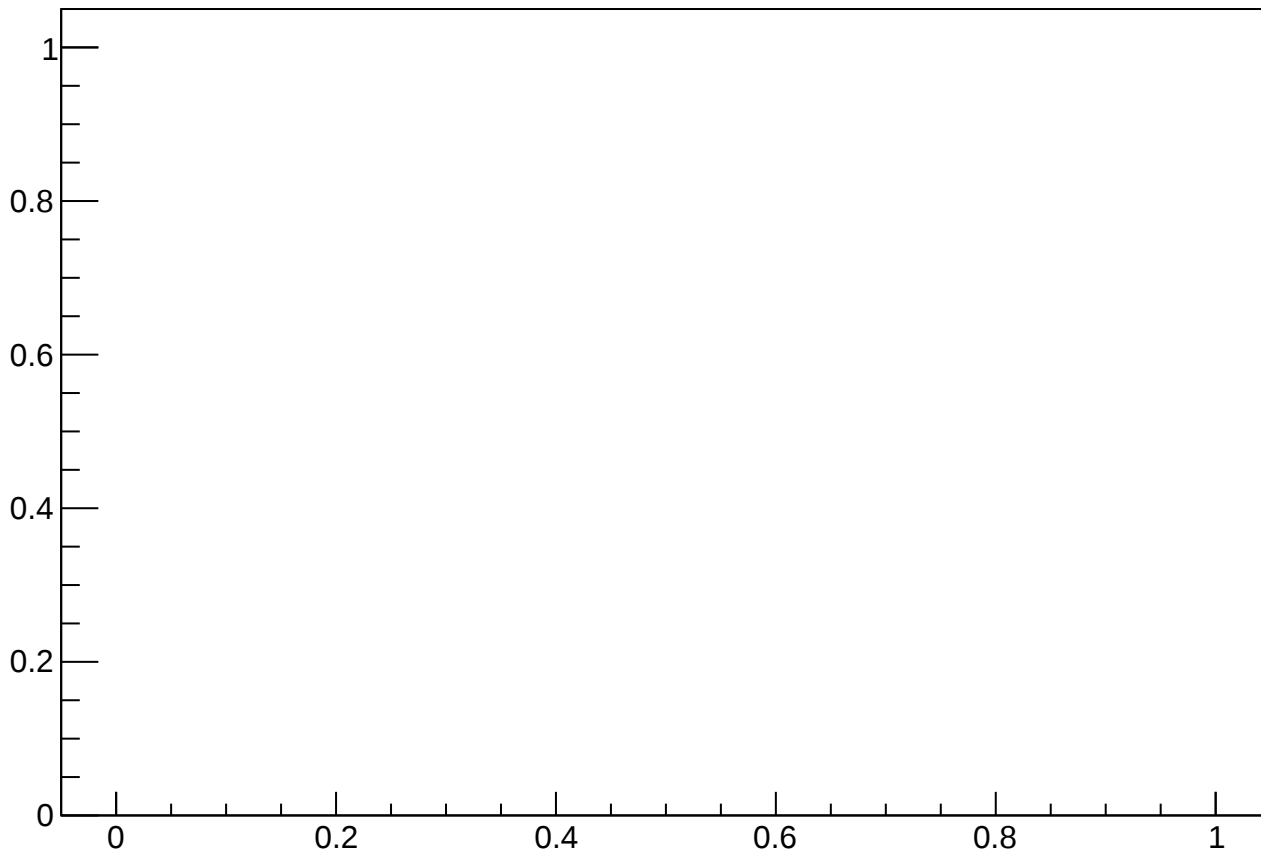
Right: 2731.293+/-0.922 χ^2/NDF : 2064454.8/14

In: 2805.733+/-1.383 χ^2/NDF : 1027947.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2731.293+/-0.922 χ^2/NDF : 2064454.8/14

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

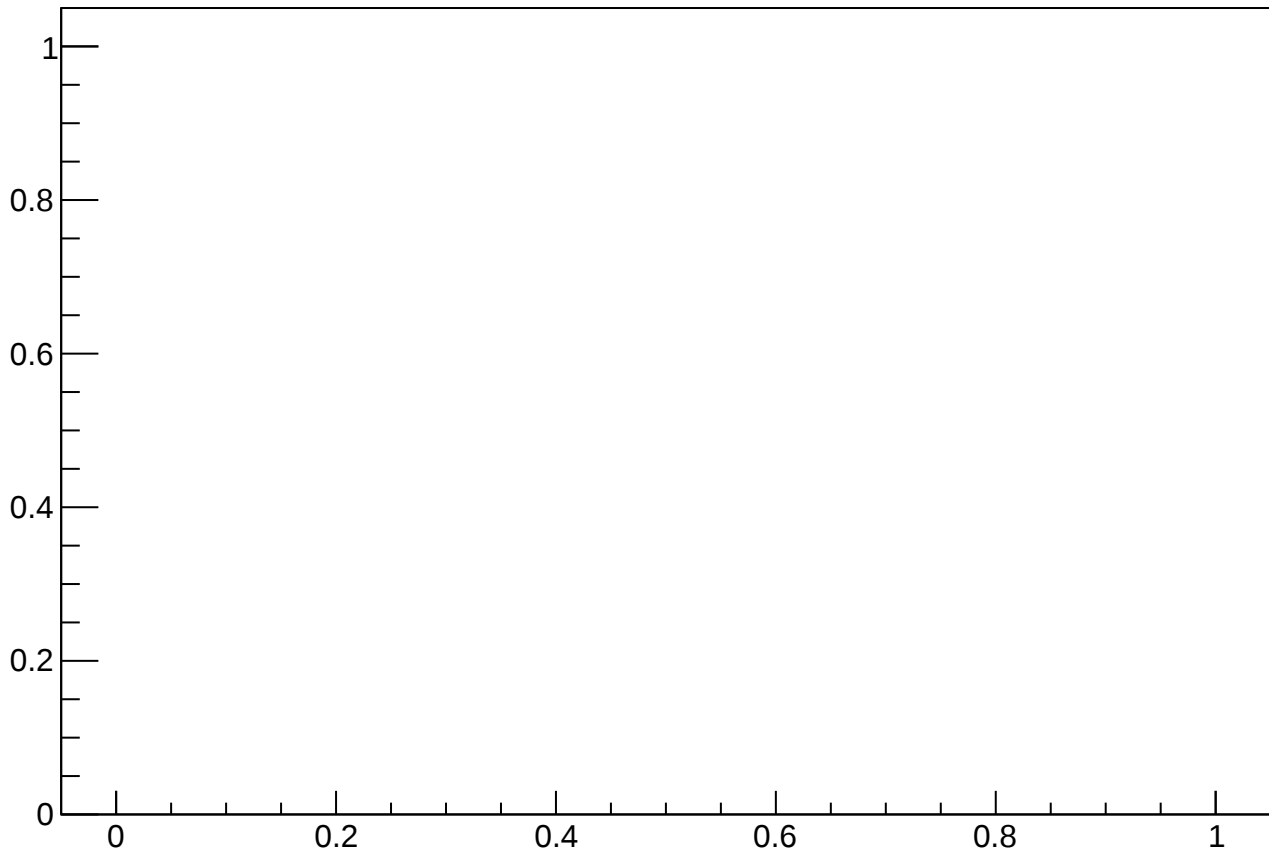
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

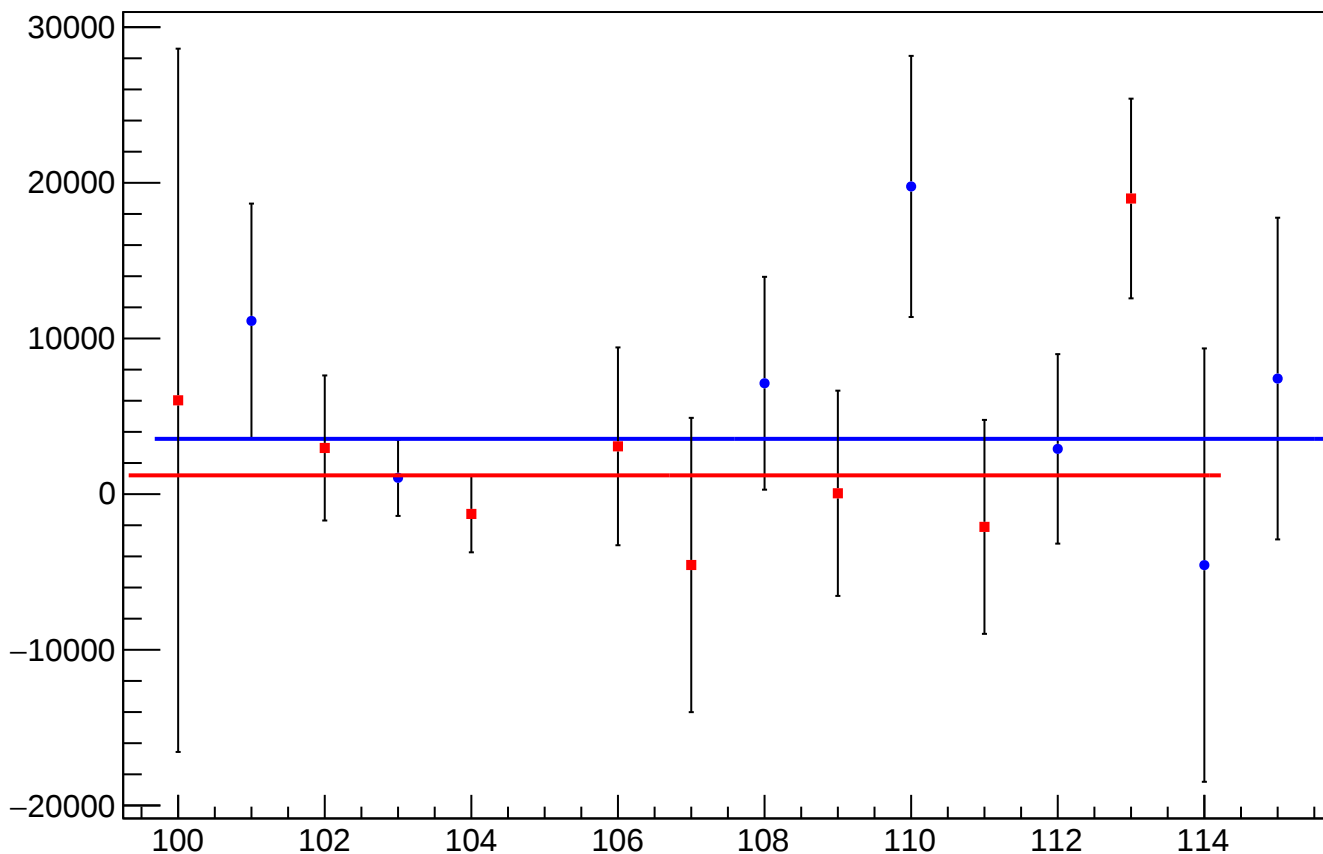
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 3551.896+/-1955.561 χ^2/NDF : 6.6/6

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

Right Out: 1206.867+/-1776.183 χ^2/NDF : 9.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

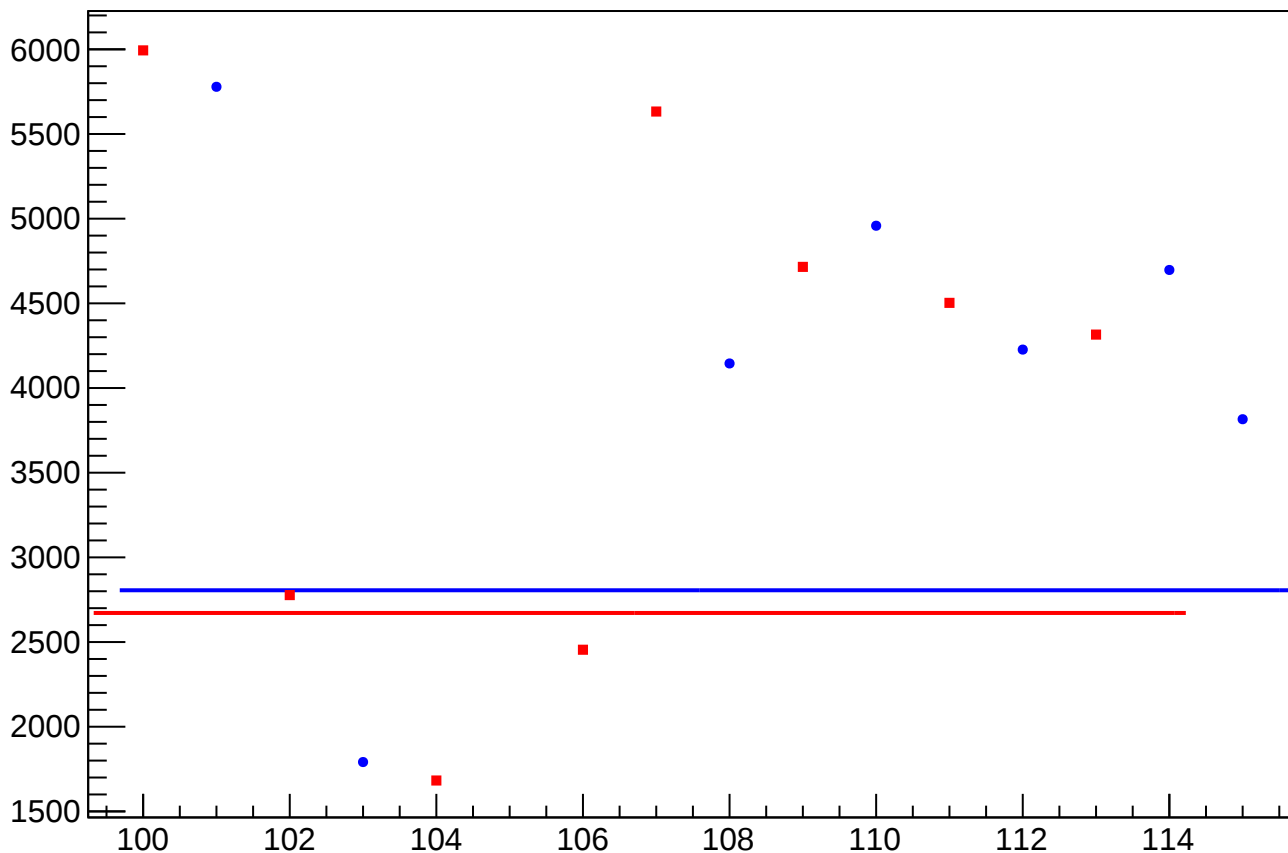
Right: 2266.920+/-1314.804 χ^2/NDF : 17.0/14

In: 3551.896+/-1955.561 χ^2/NDF : 6.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2266.920+/-1314.804 χ^2/NDF : 17.0/14

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2805.733+/-1.383 χ^2/NDF : 1027947.7/6

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

Right Out: 2671.702+/-1.237 χ^2/NDF : 1031288.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

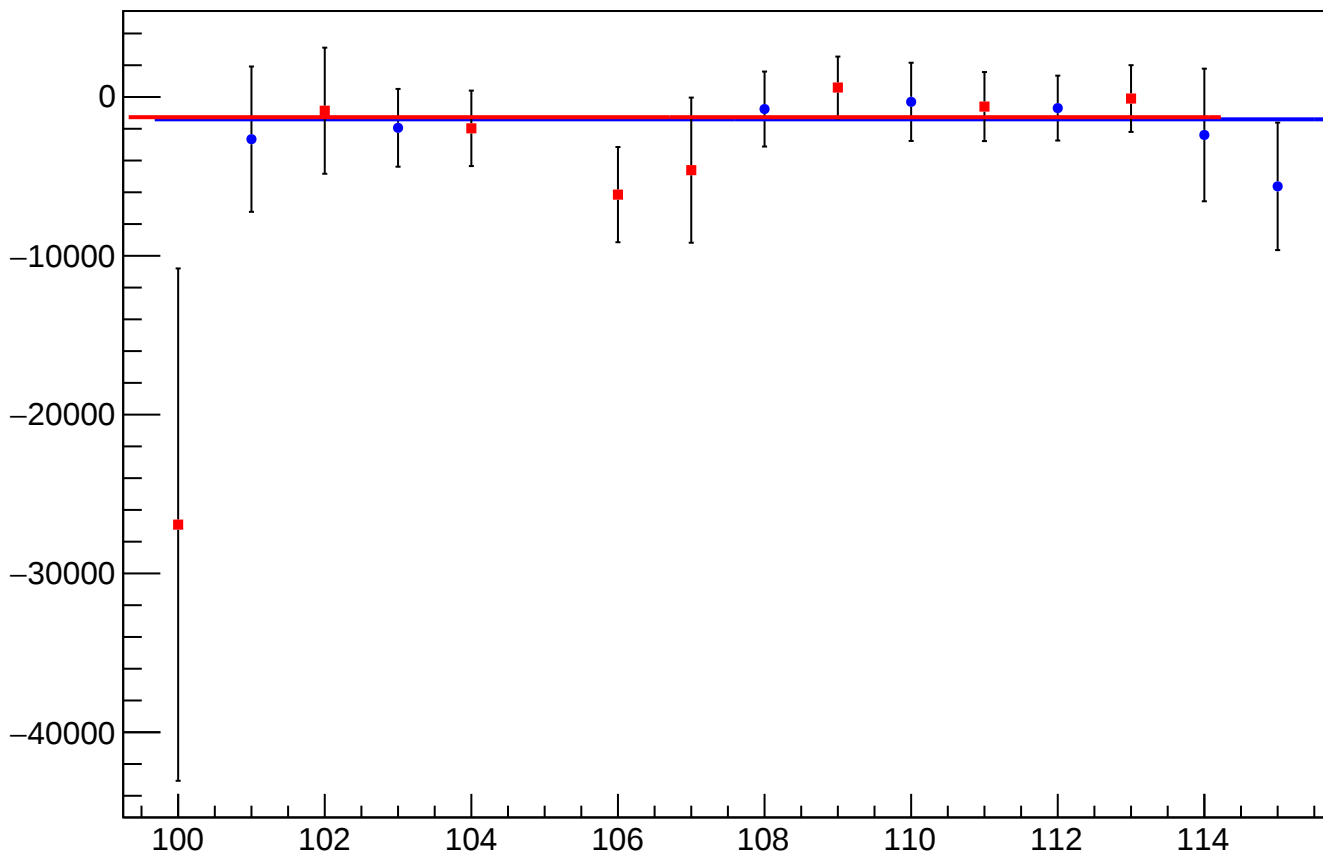
Right: 2731.293+/-0.922 χ^2/NDF : 2064454.8/14

In: 2805.733+/-1.383 χ^2/NDF : 1027947.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2731.293+/-0.922 χ^2/NDF : 2064454.8/14

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1405.865+/-1043.864 χ^2 /NDF: 1.7/6

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

Right Out: -1270.919+/-951.106 χ^2 /NDF: 7.1/7

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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

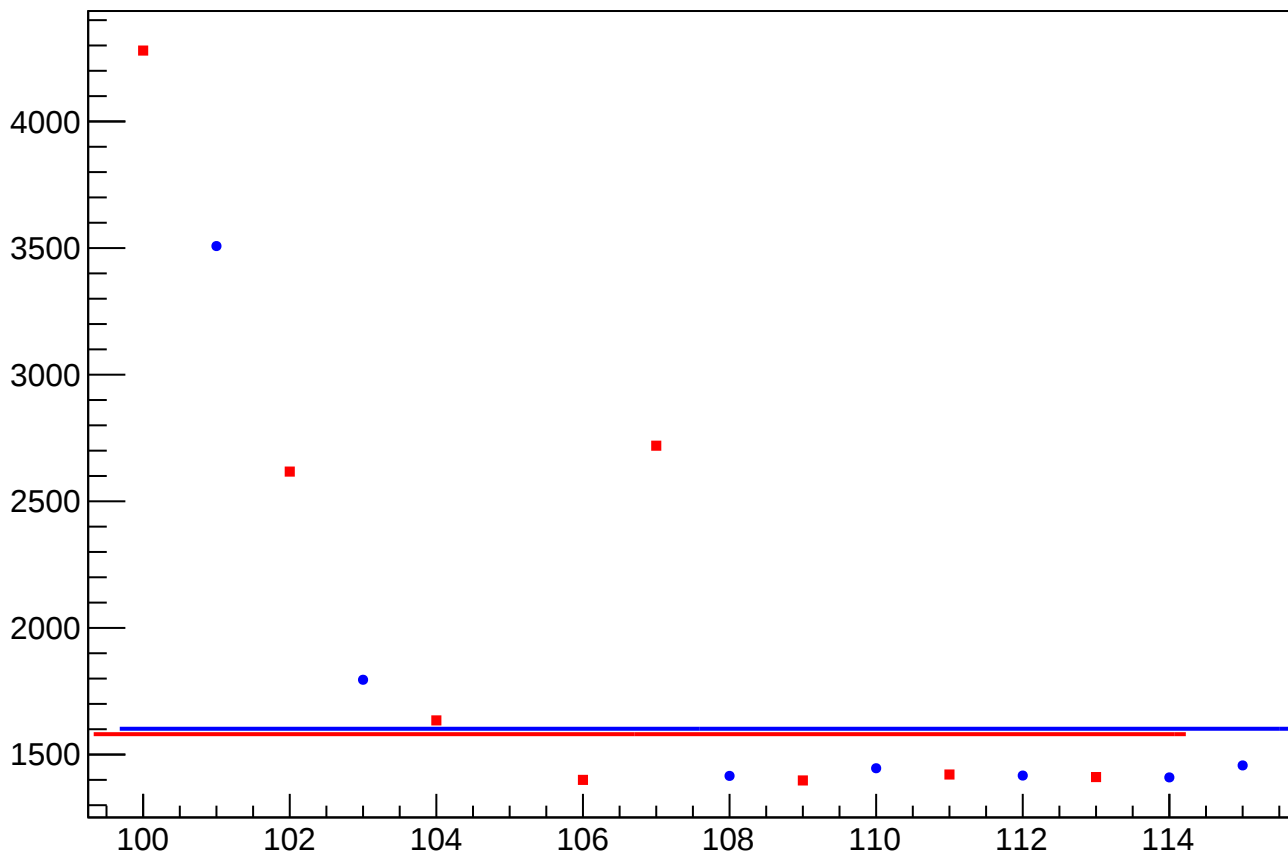
Right: -1332.131+/-703.044 χ^2 /NDF: 8.8/14

In: -1405.865+/-1043.864 χ^2 /NDF: 1.7/6

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1332.131+/-703.044 χ^2 /NDF: 8.8/14

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1601.810+/-0.738 χ^2/NDF : 403310.4/6

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

Right Out: 1580.463+/-0.673 χ^2/NDF : 366388.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

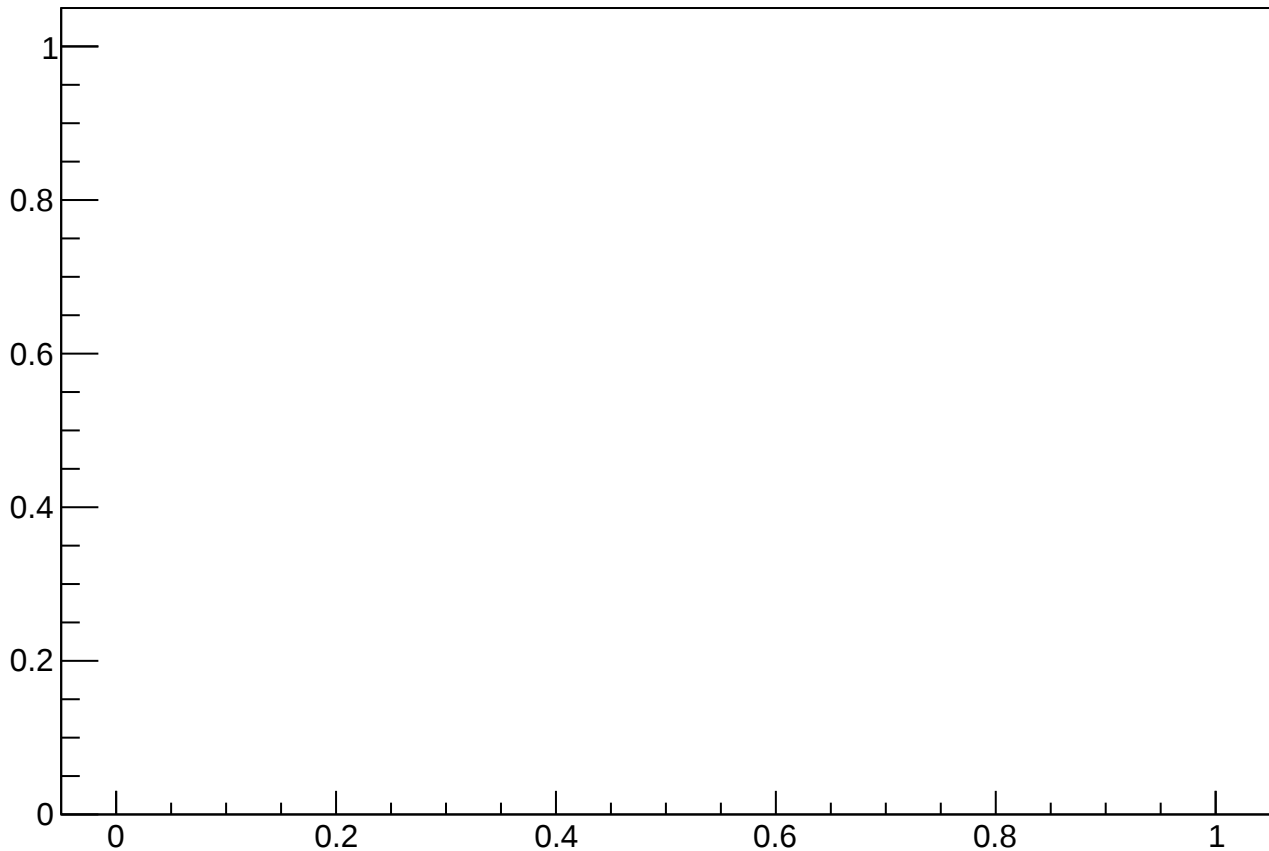
Right: 1590.146+/-0.497 χ^2/NDF : 770155.4/14

In: 1601.810+/-0.738 χ^2/NDF : 403310.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1590.146+/-0.497 χ^2/NDF : 770155.4/14

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

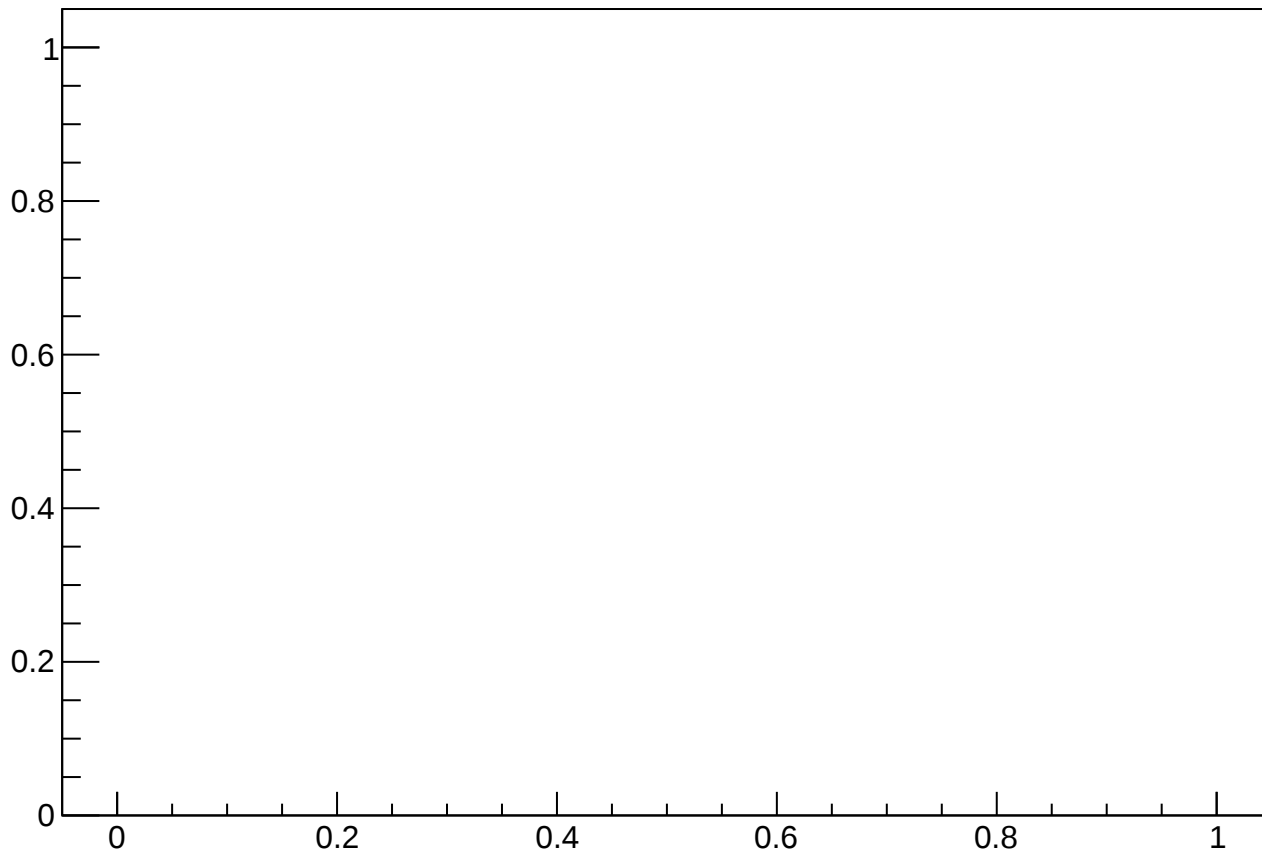
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

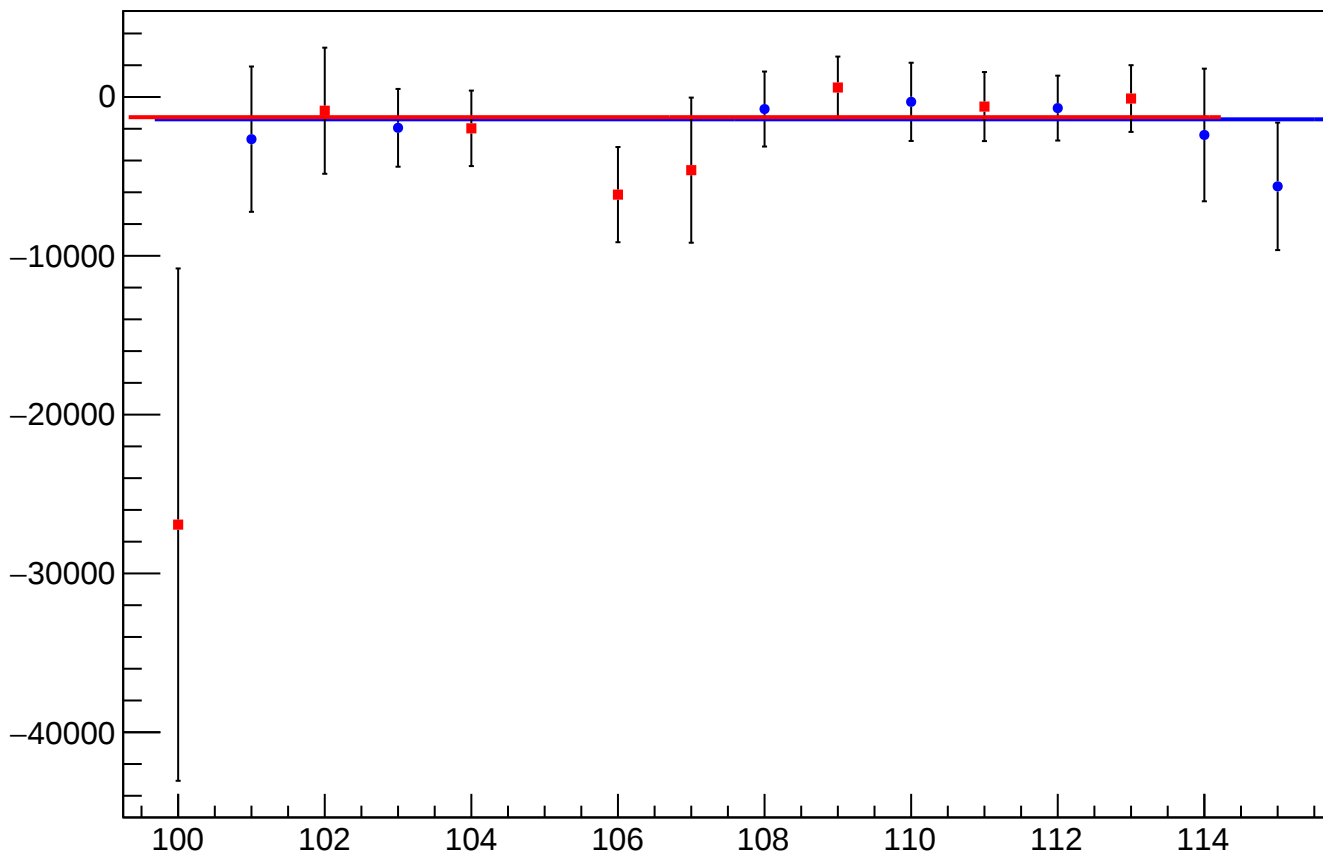
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -1405.865+/-1043.864 χ^2/NDF : 1.7/6

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

Right Out: -1270.919+/-951.106 χ^2/NDF : 7.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

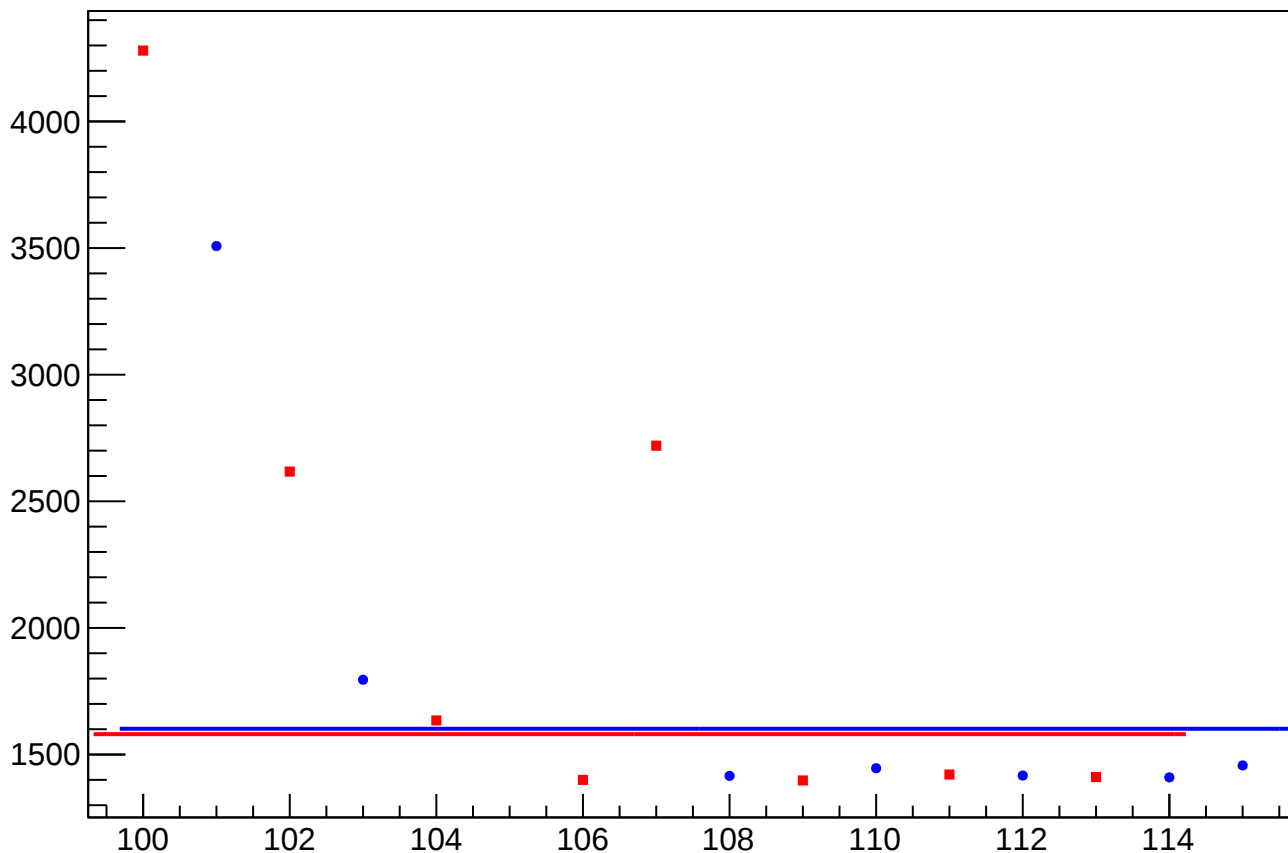
Right: -1332.131+/-703.044 χ^2/NDF : 8.8/14

In: -1405.865+/-1043.864 χ^2/NDF : 1.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1332.131+/-703.044 χ^2/NDF : 8.8/14

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1601.810+/-0.738 χ^2/NDF : 403310.4/6

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

Right Out: 1580.463+/-0.673 χ^2/NDF : 366388.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

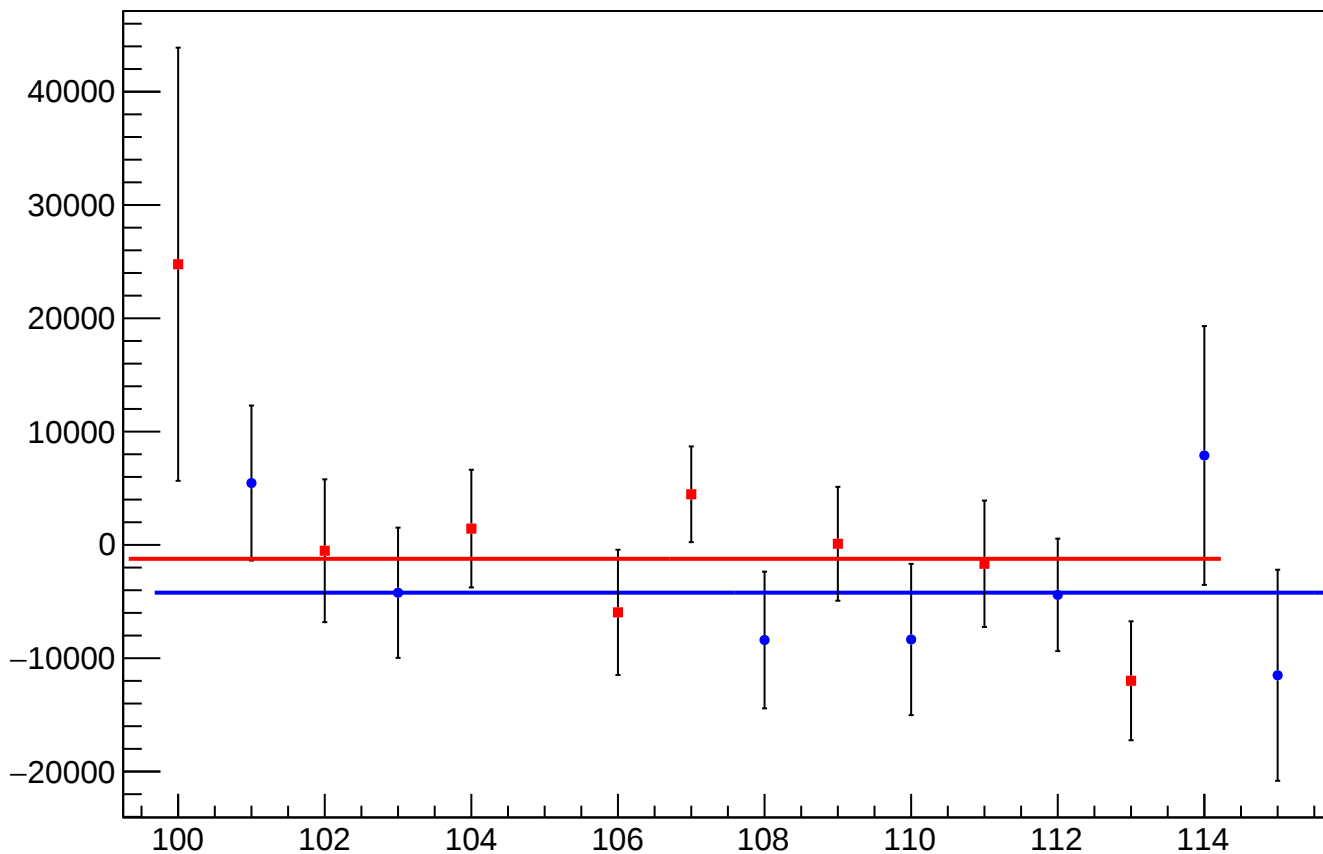
Right: 1590.146+/-0.497 χ^2/NDF : 770155.4/14

In: 1601.810+/-0.738 χ^2/NDF : 403310.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1590.146+/-0.497 χ^2/NDF : 770155.4/14

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -4214.689+/-2489.278 χ^2/NDF : 4.6/6

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

Right Out: -1225.960+/-1954.780 χ^2/NDF : 9.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

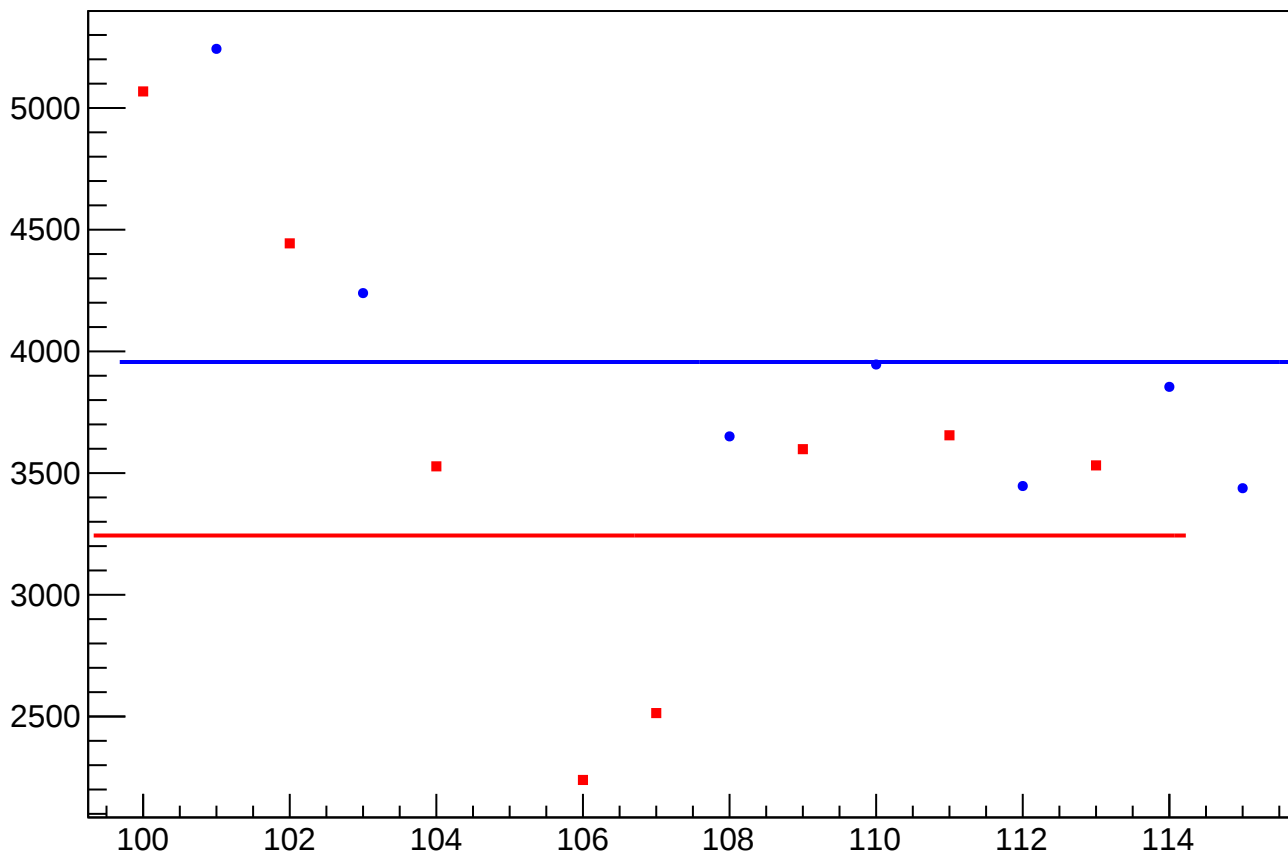
Right: -2365.988+/-1537.404 χ^2/NDF : 14.4/14

In: -4214.689+/-2489.278 χ^2/NDF :4.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2365.988+/-1537.404 χ^2/NDF : 14.4/14

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3956.456+/-1.760 χ^2/NDF : 108222.8/6

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

Right Out: 3243.596+/-1.357 χ^2/NDF : 268730.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

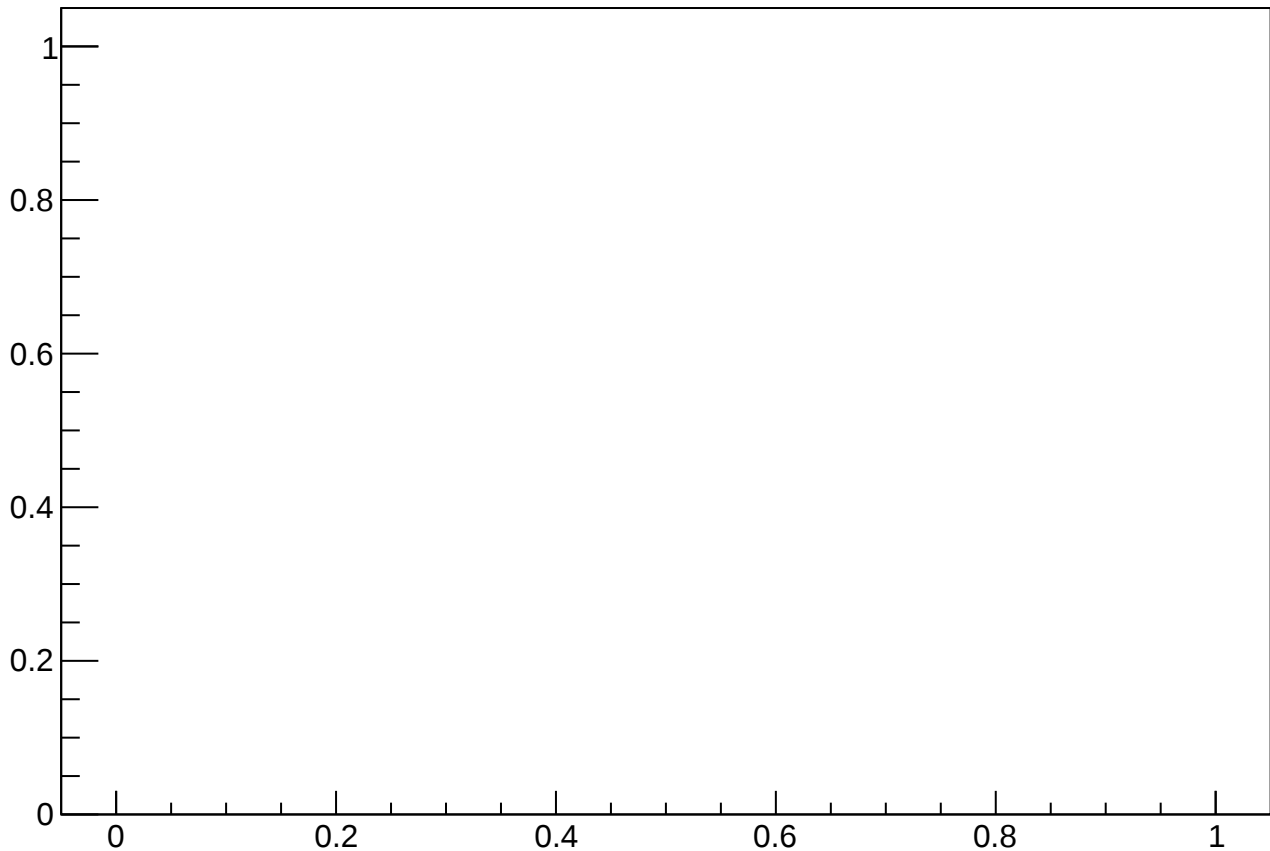
Right: 3509.445+/-1.075 χ^2/NDF : 479817.8/14

In: 3956.456+/-1.760 χ^2/NDF : 108222.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3509.445+/-1.075 χ^2/NDF : 479817.8/14

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

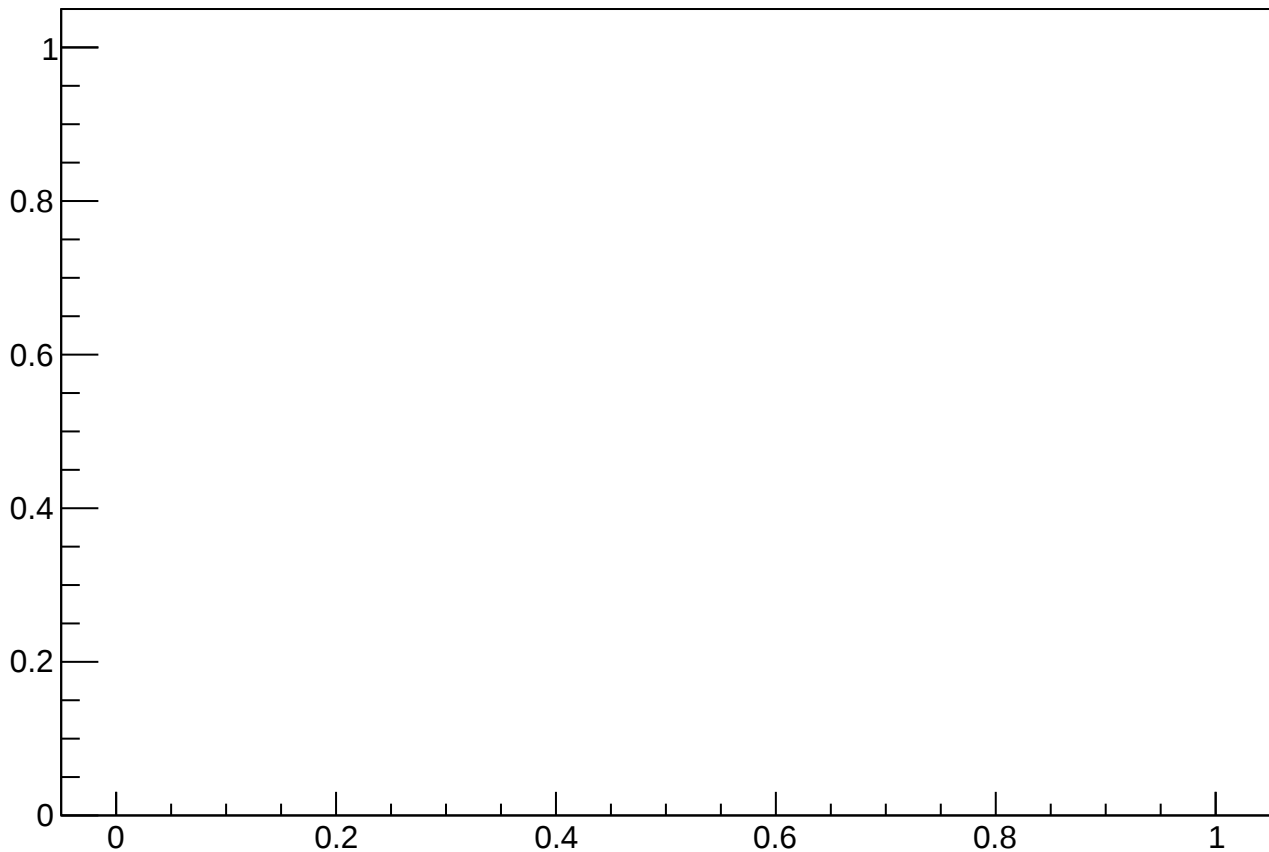
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

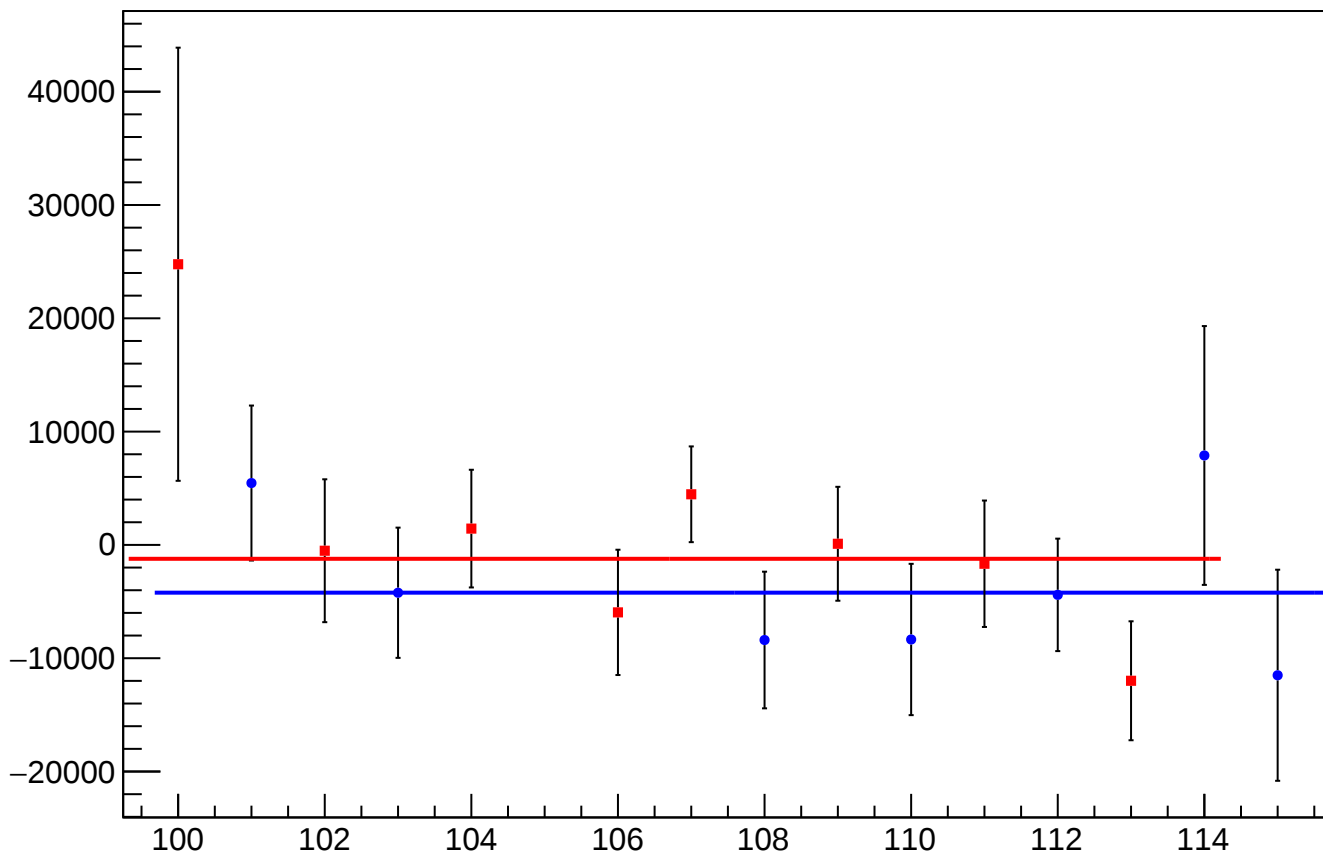
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -4214.689+/-2489.278 χ^2/NDF : 4.6/6

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

Right Out: -1225.960+/-1954.780 χ^2/NDF : 9.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

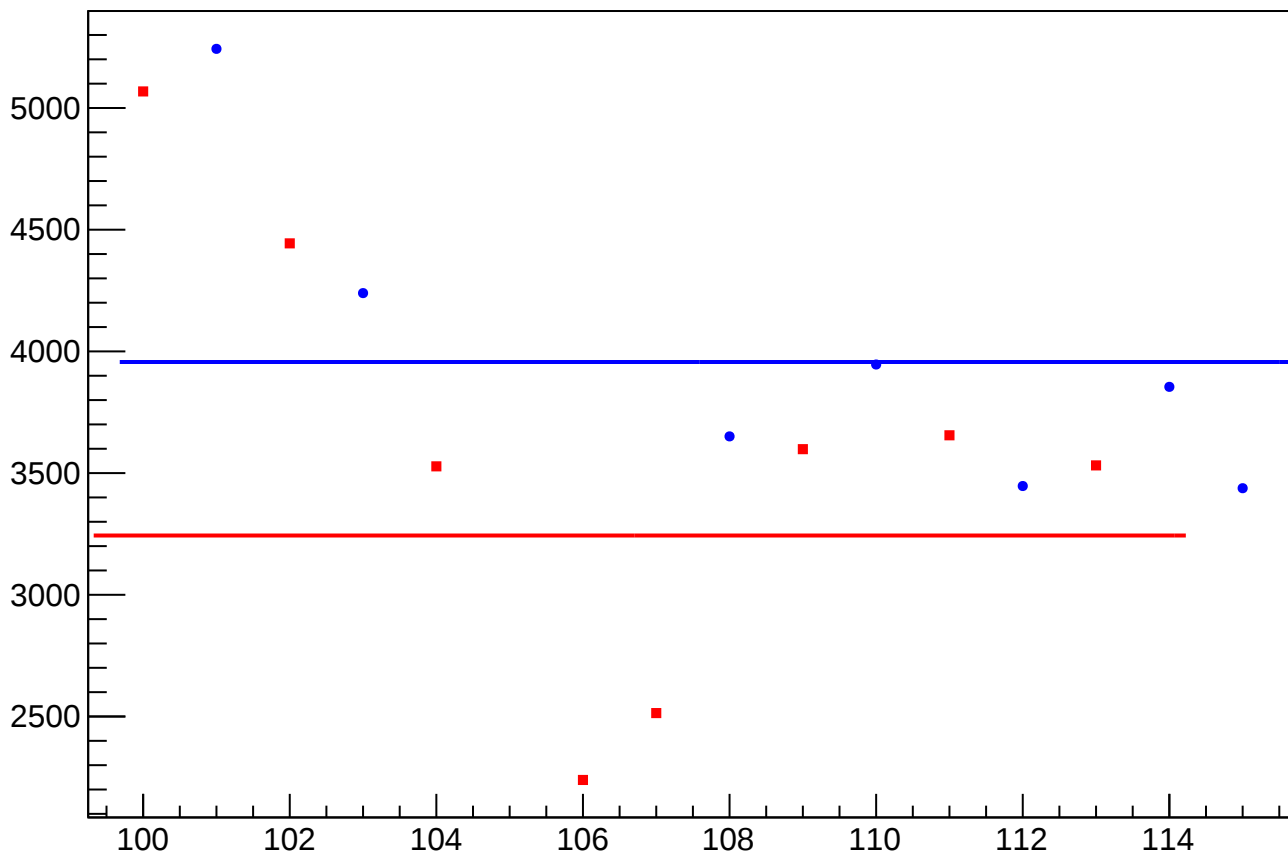
Right: -2365.988+/-1537.404 χ^2/NDF : 14.4/14

In: -4214.689+/-2489.278 χ^2/NDF : 4.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2365.988+/-1537.404 χ^2/NDF : 14.4/14

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3956.456+/-1.760 χ^2/NDF : 108222.8/6

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

Right Out: 3243.596+/-1.357 χ^2/NDF : 268730.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

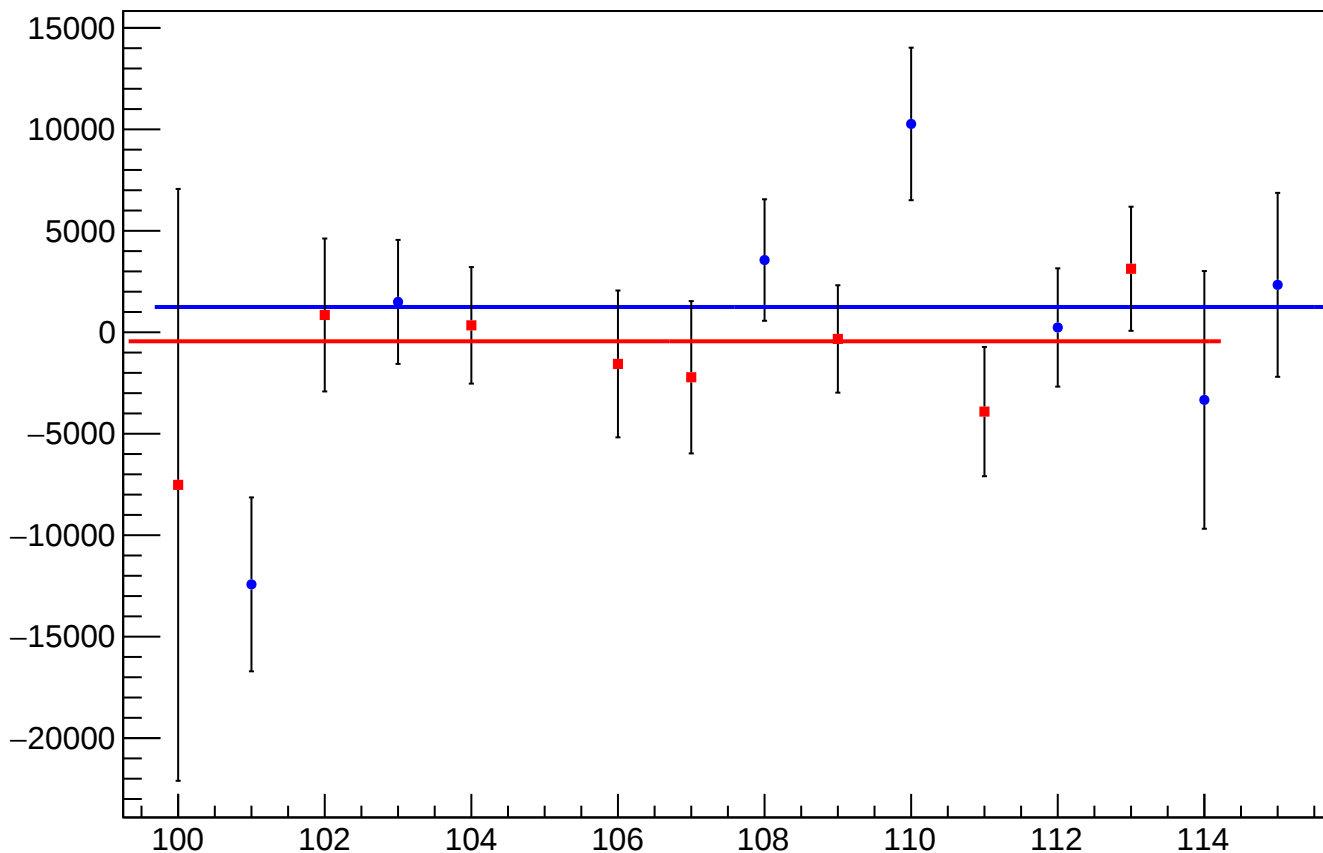
Right: 3509.445+/-1.075 χ^2/NDF : 479817.8/14

In: 3956.456+/-1.760 χ^2/NDF : 108222.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3509.445+/-1.075 χ^2/NDF : 479817.8/14

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 1246.543+/-1367.023 χ^2/NDF : 17.2/6

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

Right Out: -444.233+/-1201.995 χ^2/NDF : 3.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

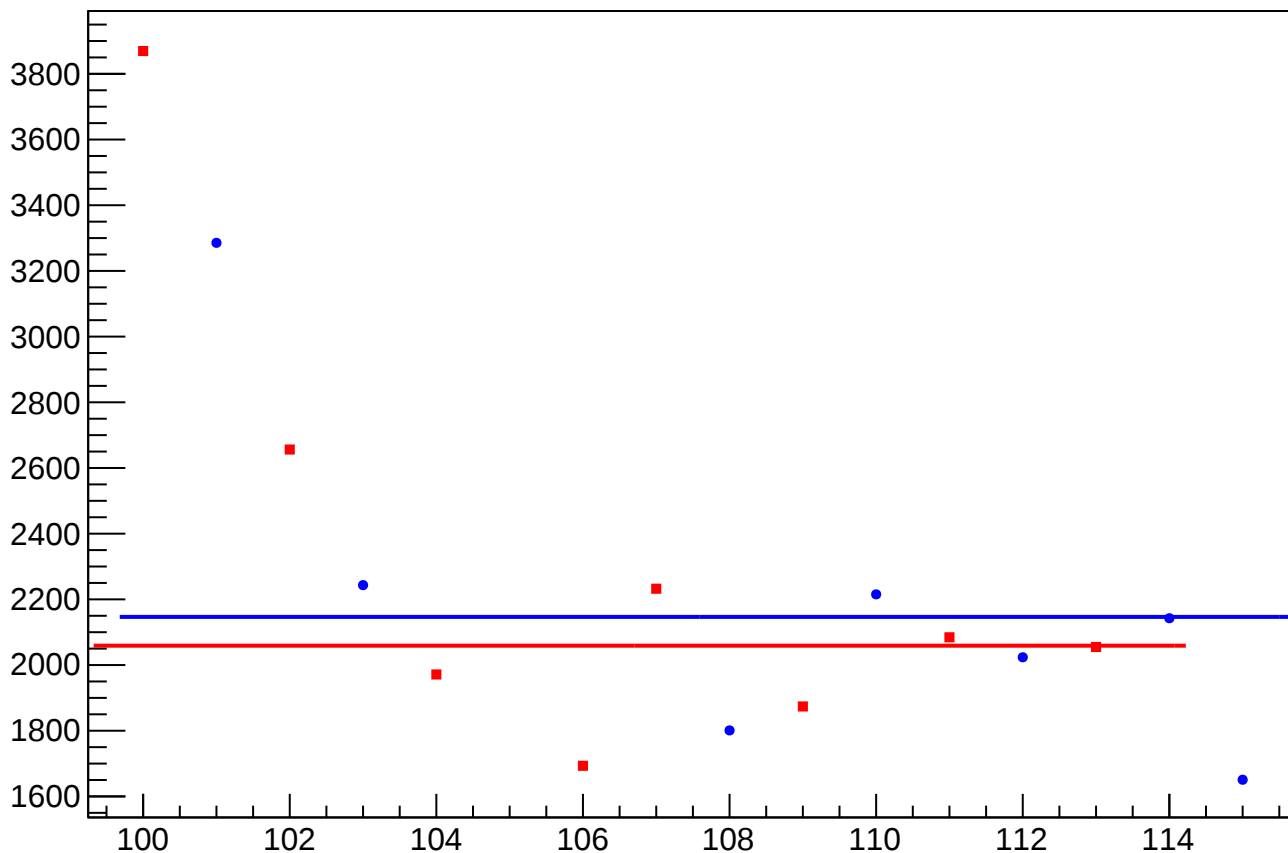
Right: 292.990+/-902.677 χ^2/NDF : 21.4/14

In: 1246.543+/-1367.023 χ^2/NDF : 17.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 292.990+/-902.677 χ^2/NDF : 21.4/14

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2146.595+/-0.967 χ^2/NDF : 198091.6/6

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

Right Out: 2058.949+/-0.850 χ^2/NDF : 117560.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

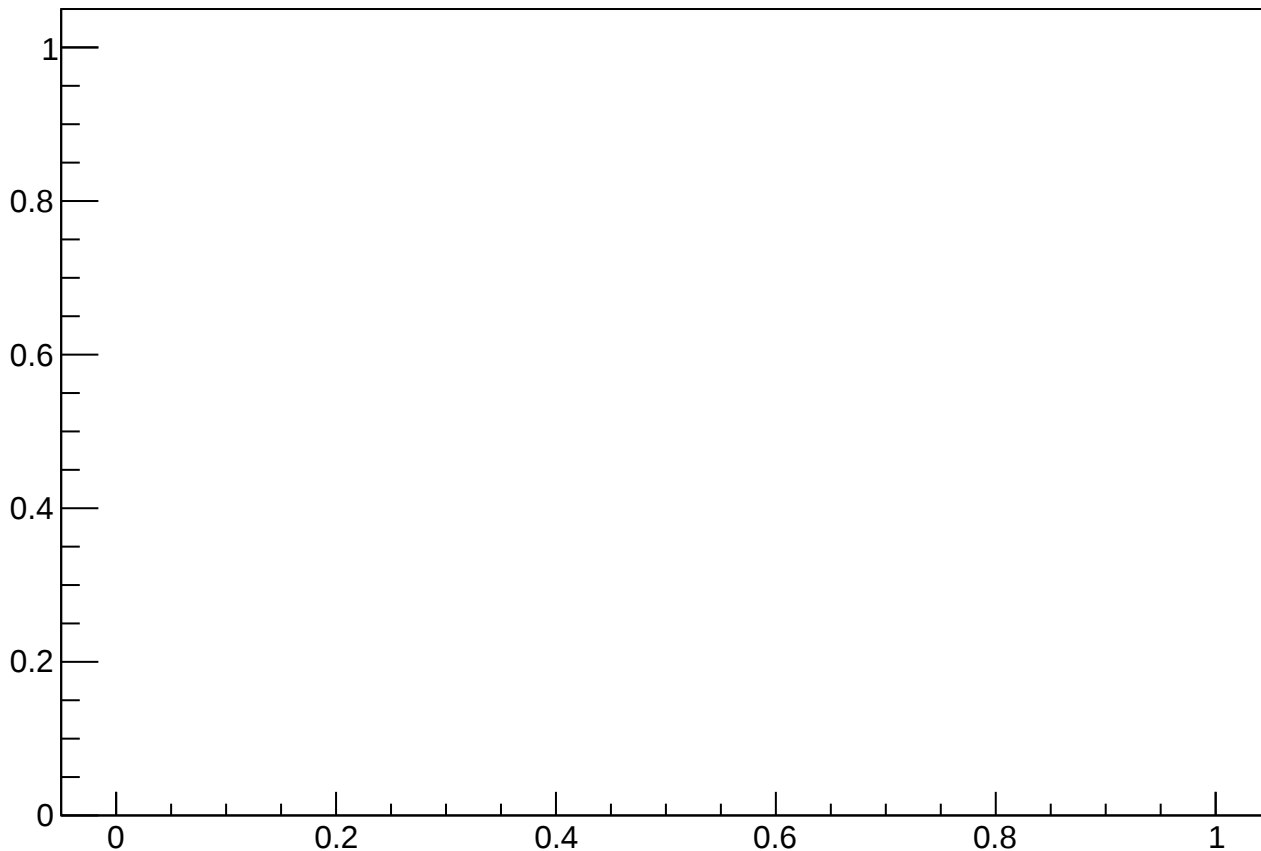
Right: 2097.164+/-0.638 χ^2/NDF : 320289.1/14

In: 2146.595+/-0.967 χ^2/NDF : 198091.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2097.164+/-0.638 χ^2/NDF : 320289.1/14

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

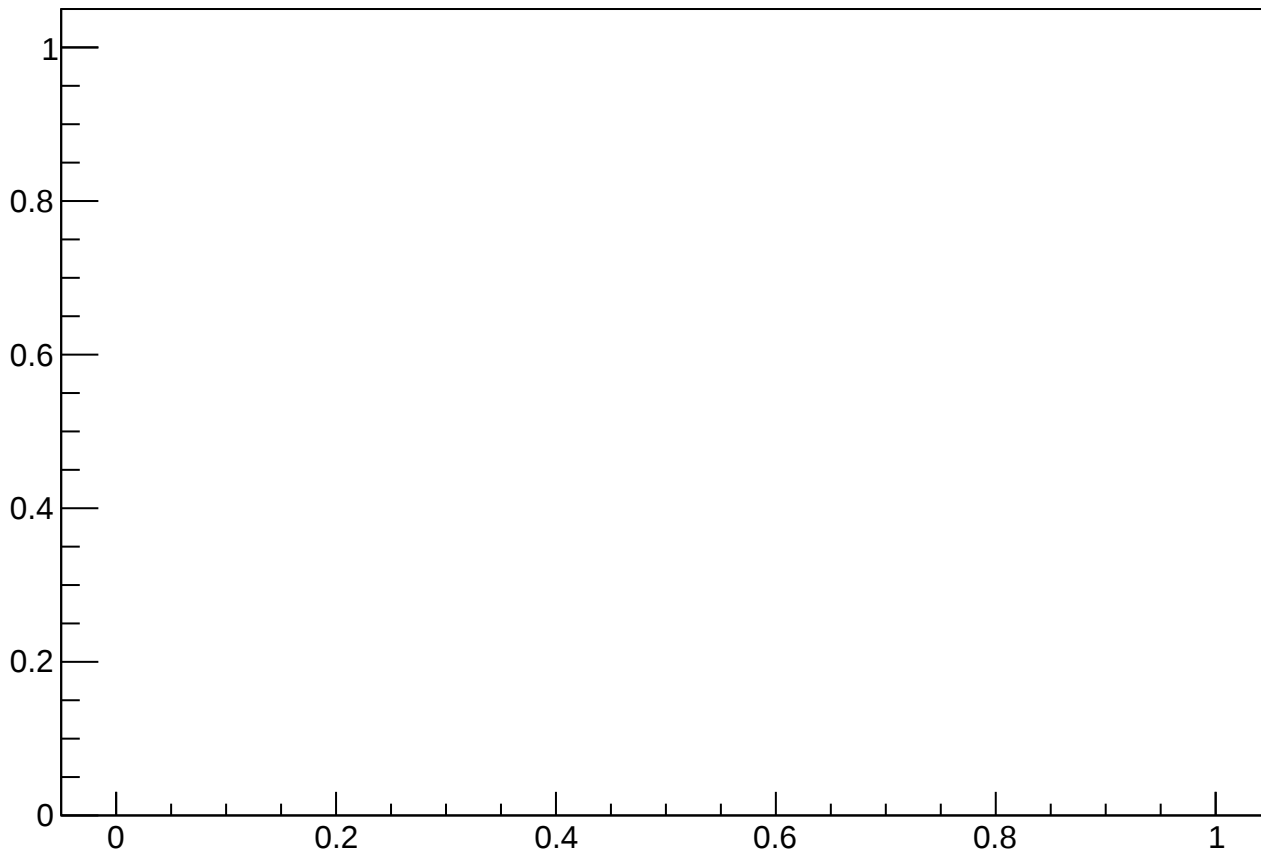
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

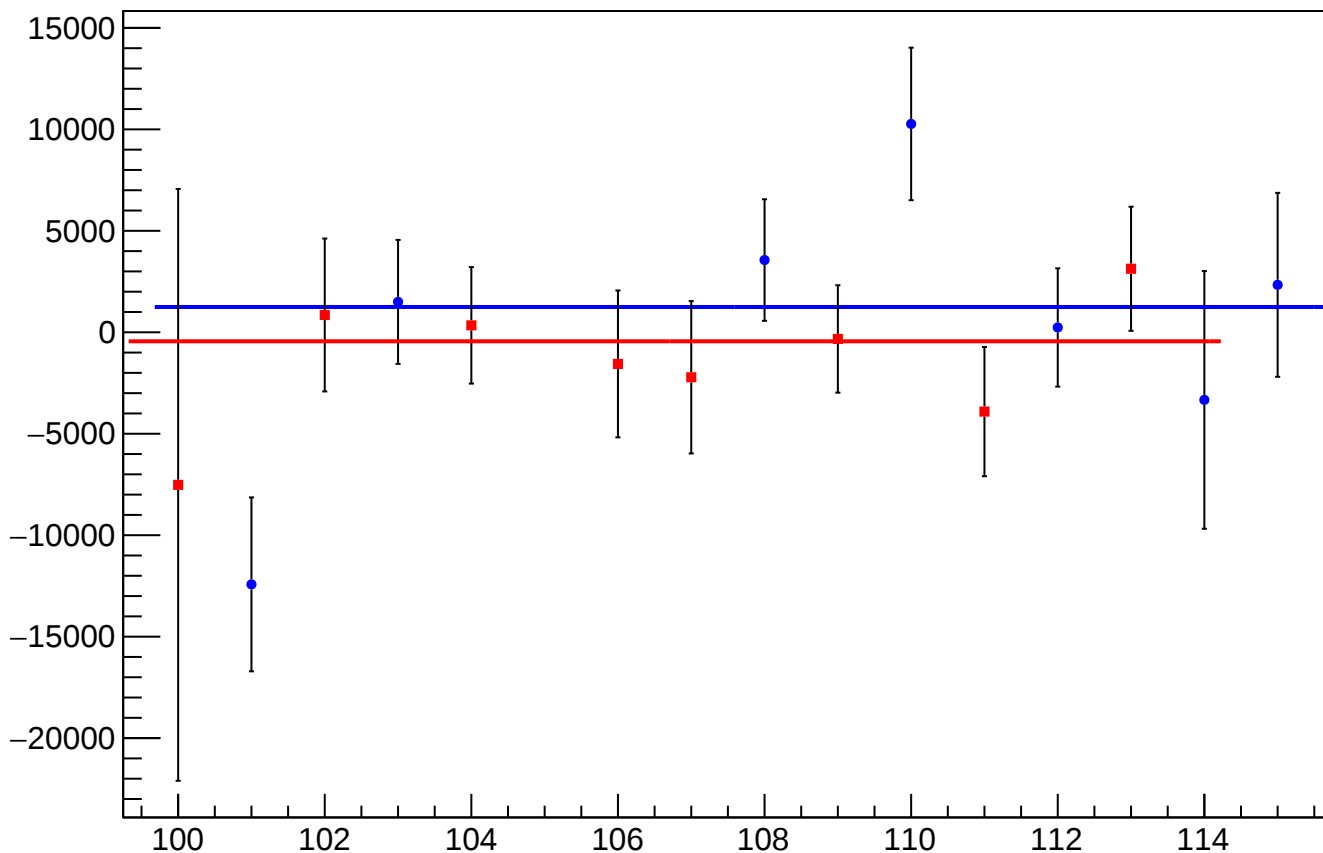
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1246.543+/-1367.023 χ^2/NDF : 17.2/6

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

Right Out: -444.233+/-1201.995 χ^2/NDF : 3.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

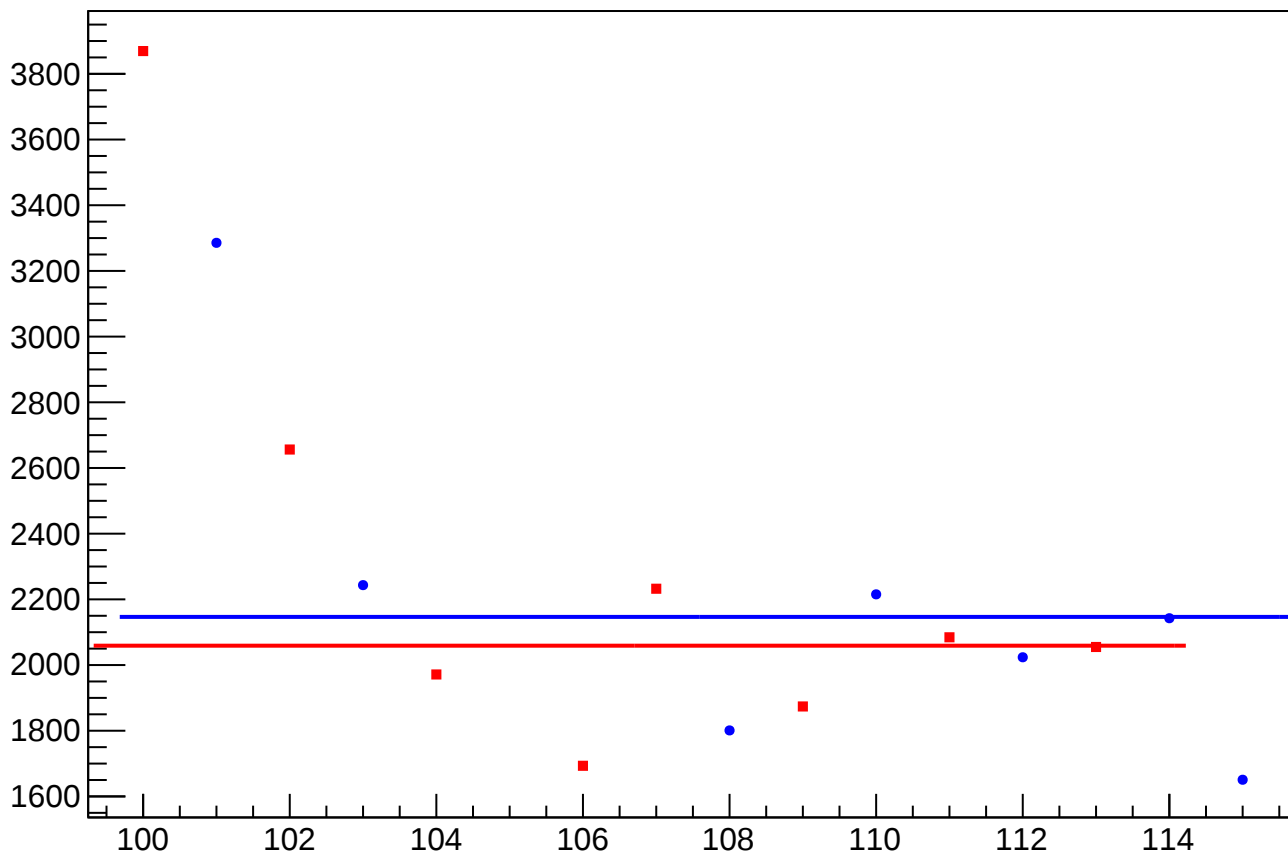
Right: 292.990+/-902.677 χ^2/NDF : 21.4/14

In: 1246.543+/-1367.023 χ^2/NDF : 17.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 292.990+/-902.677 χ^2/NDF : 21.4/14

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2146.595+/-0.967 χ^2/NDF : 198091.6/6

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

Right Out: 2058.949+/-0.850 χ^2/NDF : 117560.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

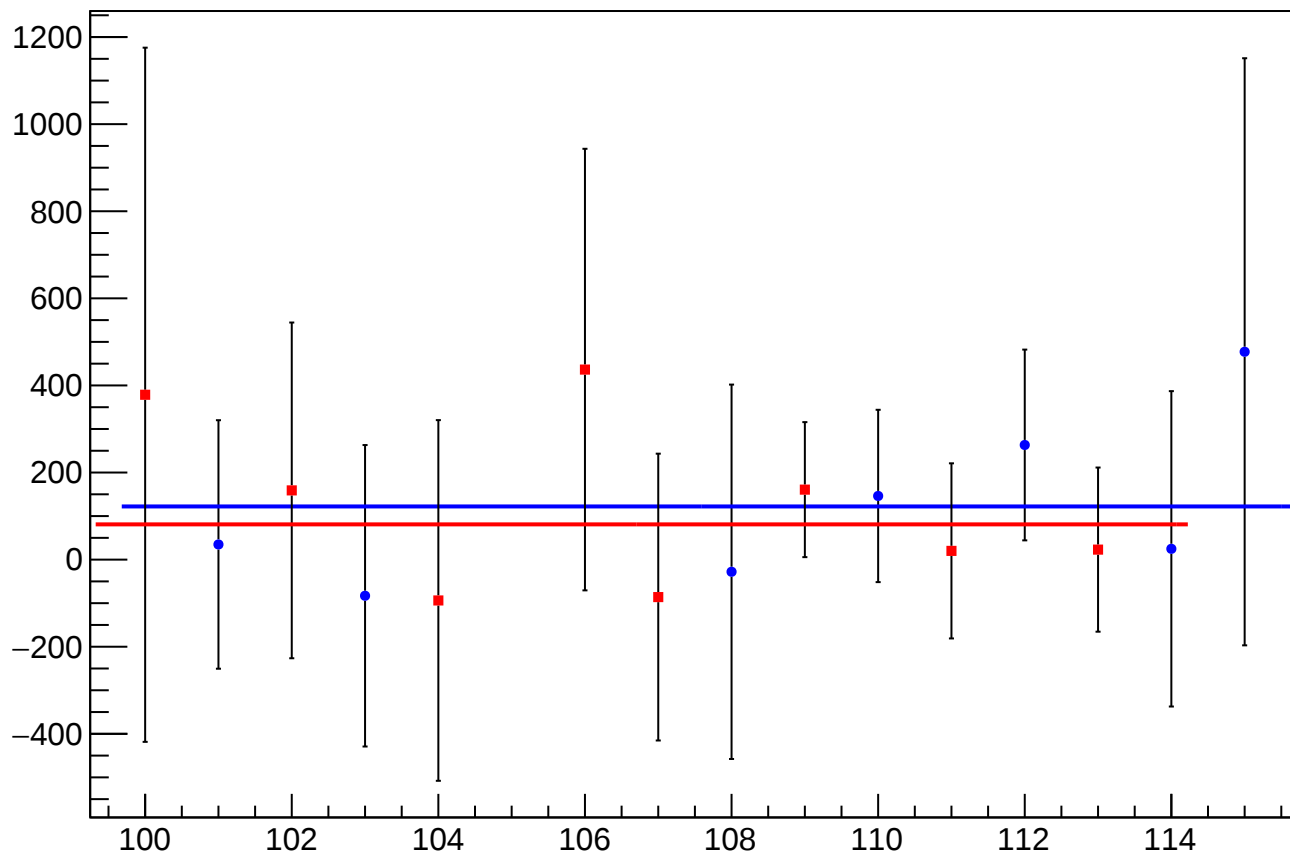
Right: 2097.164+/-0.638 χ^2/NDF : 320289.1/14

In: 2146.595+/-0.967 χ^2/NDF : 198091.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2097.164+/-0.638 χ^2/NDF : 320289.1/14

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 122.118+/-110.257 χ^2/NDF : 1.3/6

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

Right Out: 80.958+/-90.630 χ^2/NDF : 1.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

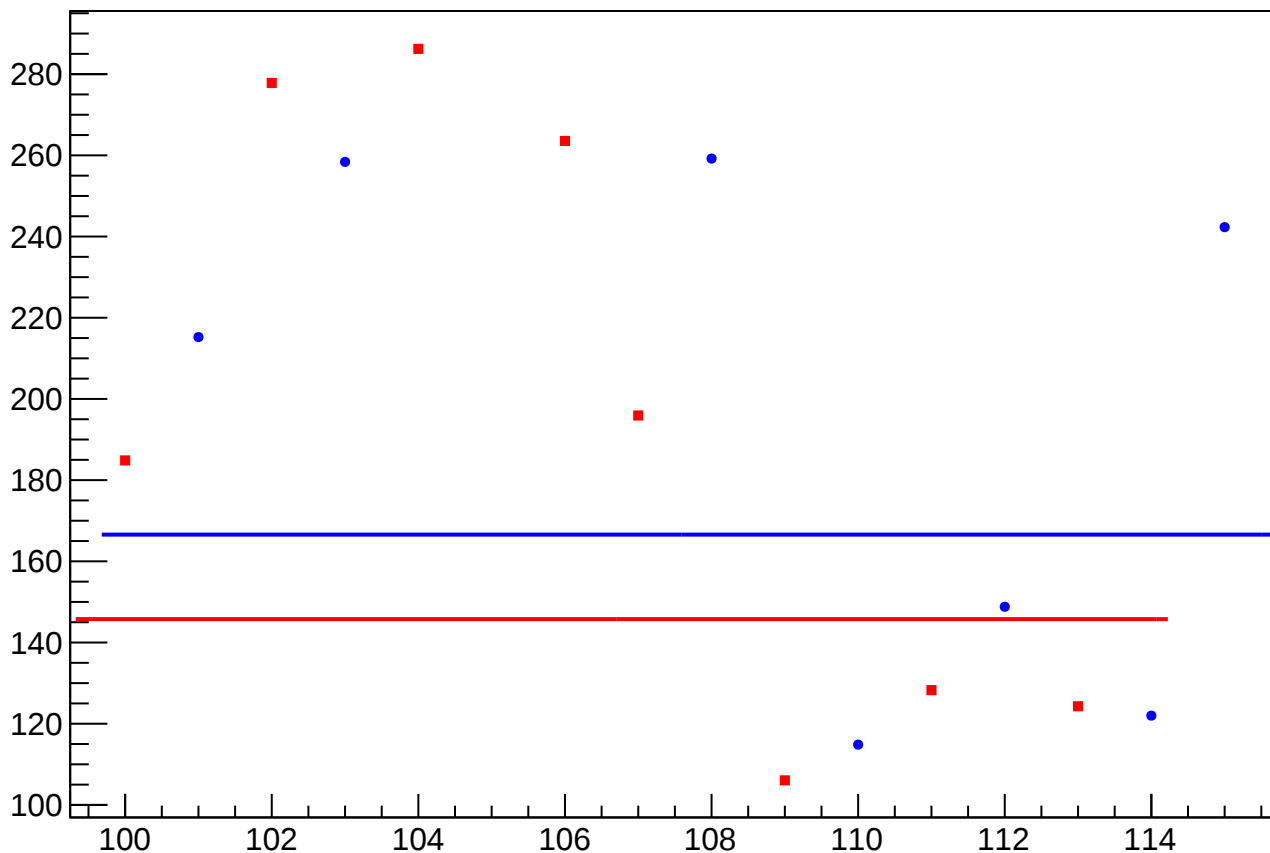
Right: 97.555+/-70.013 χ^2/NDF : 3.0/14

In: 122.118+/-110.257 χ^2/NDF : 1.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.555+/-70.013 χ^2/NDF : 3.0/14

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 166.582+/-0.078 χ^2/NDF : 497174.0/6

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

Right Out: 145.770+/-0.064 χ^2/NDF : 796383.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

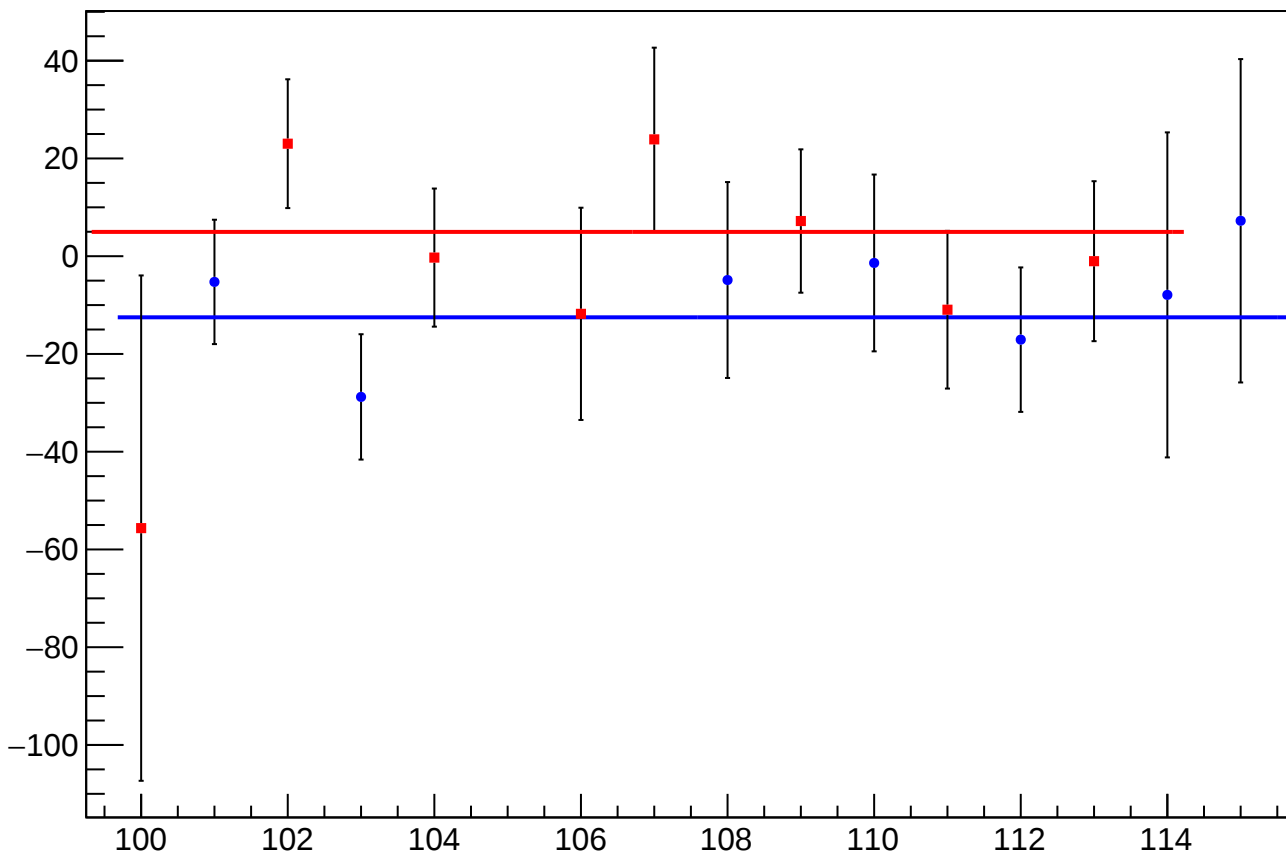
Right: 154.162+/-0.050 χ^2/NDF : 1336086.2/14

In: 166.582+/-0.078 χ^2/NDF :497174.0/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 154.162+/-0.050 χ^2/NDF : 1336086.2/14

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -12.504+/-6.428 χ^2/NDF : 2.9/6

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

Right Out: 4.971+/-5.941 χ^2/NDF : 6.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

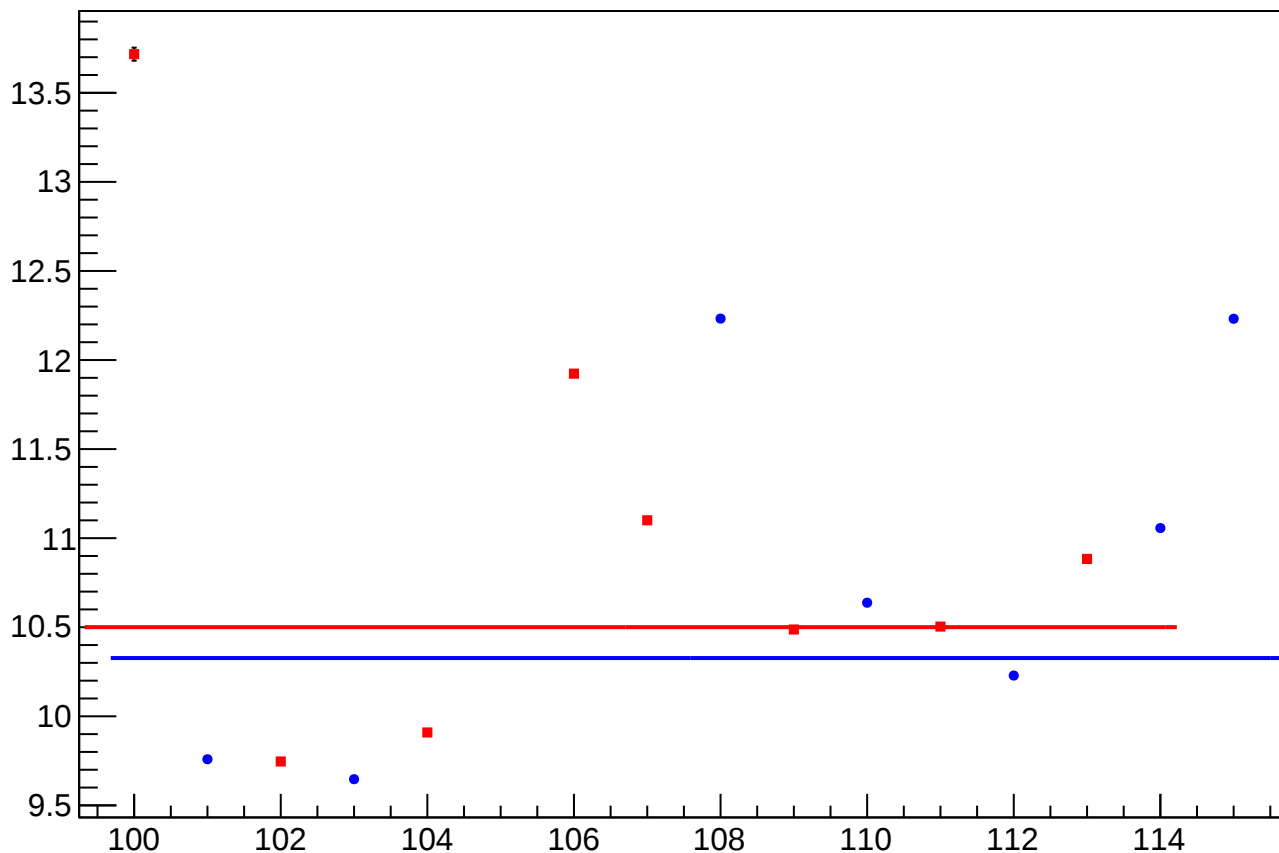
Right: -3.080+/-4.363 χ^2/NDF : 13.1/14

In: -12.504+/-6.428 χ^2/NDF : 2.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.080+/-4.363 χ^2/NDF : 13.1/14

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.327+/-0.005 χ^2/NDF : 35962.1/6

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

Right Out: 10.501+/-0.004 χ^2/NDF : 29523.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

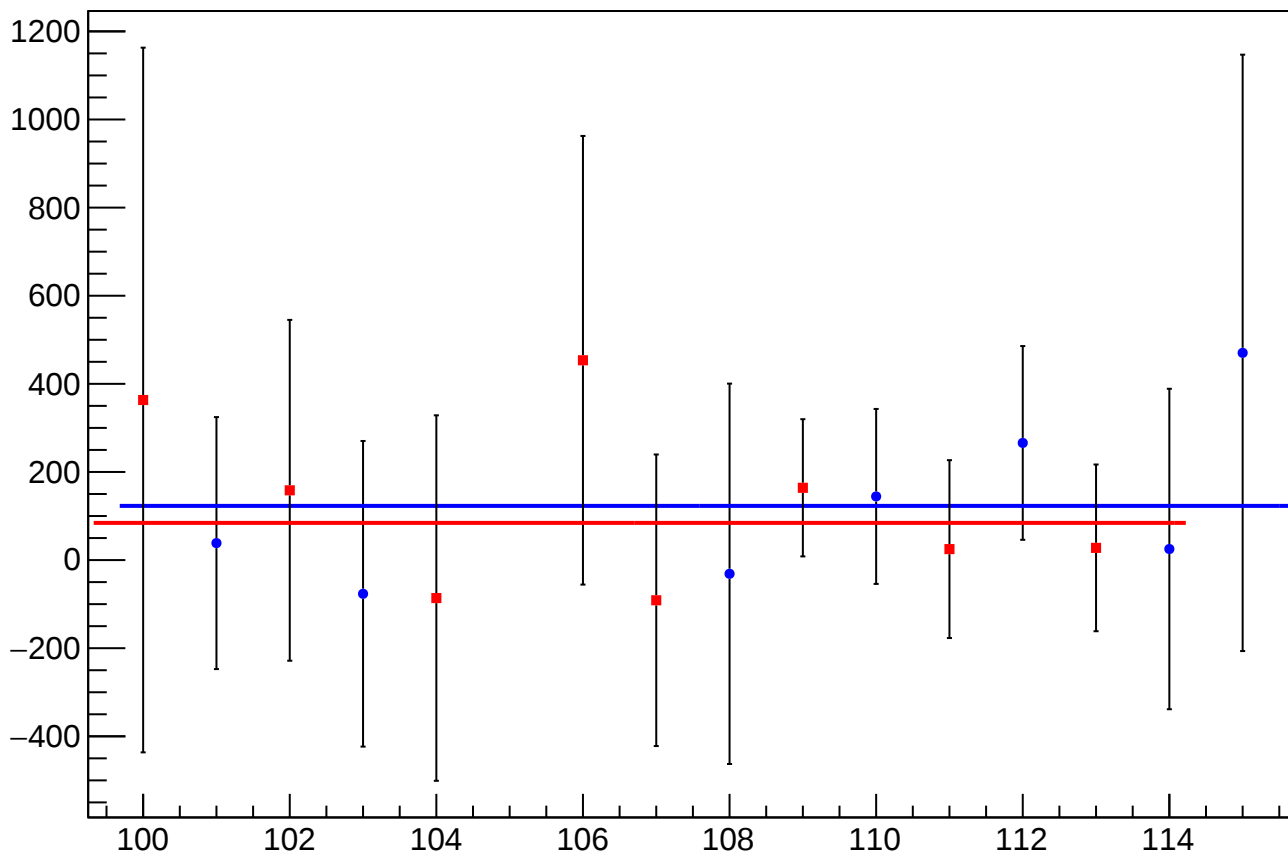
Right: 10.421+/-0.003 χ^2/NDF : 66271.0/14

In: 10.327+/-0.005 χ^2/NDF : 35962.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.421+/-0.003 χ^2/NDF : 66271.0/14

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: 123.008 $\pm$ 110.633 χ^2 /NDF: 1.3/6

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

Right Out: 84.401 $\pm$ 90.996 χ^2 /NDF: 1.6/7

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

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

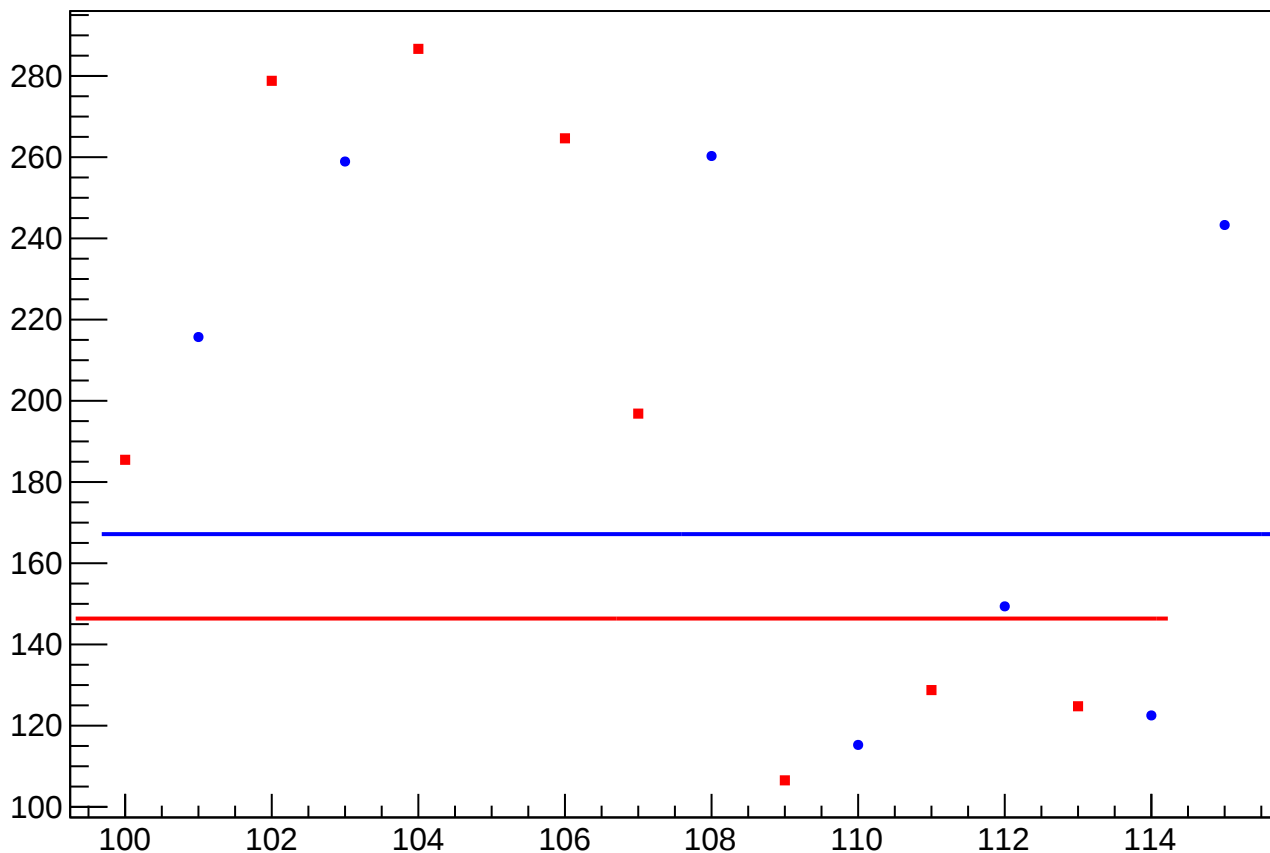
Right: 99.980 $\pm$ 70.278 χ^2 /NDF: 3.0/14

In: 123.008 $\pm$ 110.633 χ^2 /NDF:1.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 99.980 $\pm$ 70.278 χ^2 /NDF: 3.0/14

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 167.169+/-0.078 χ^2/NDF : 495894.3/6

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

Right Out: 146.378+/-0.064 χ^2/NDF : 794726.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

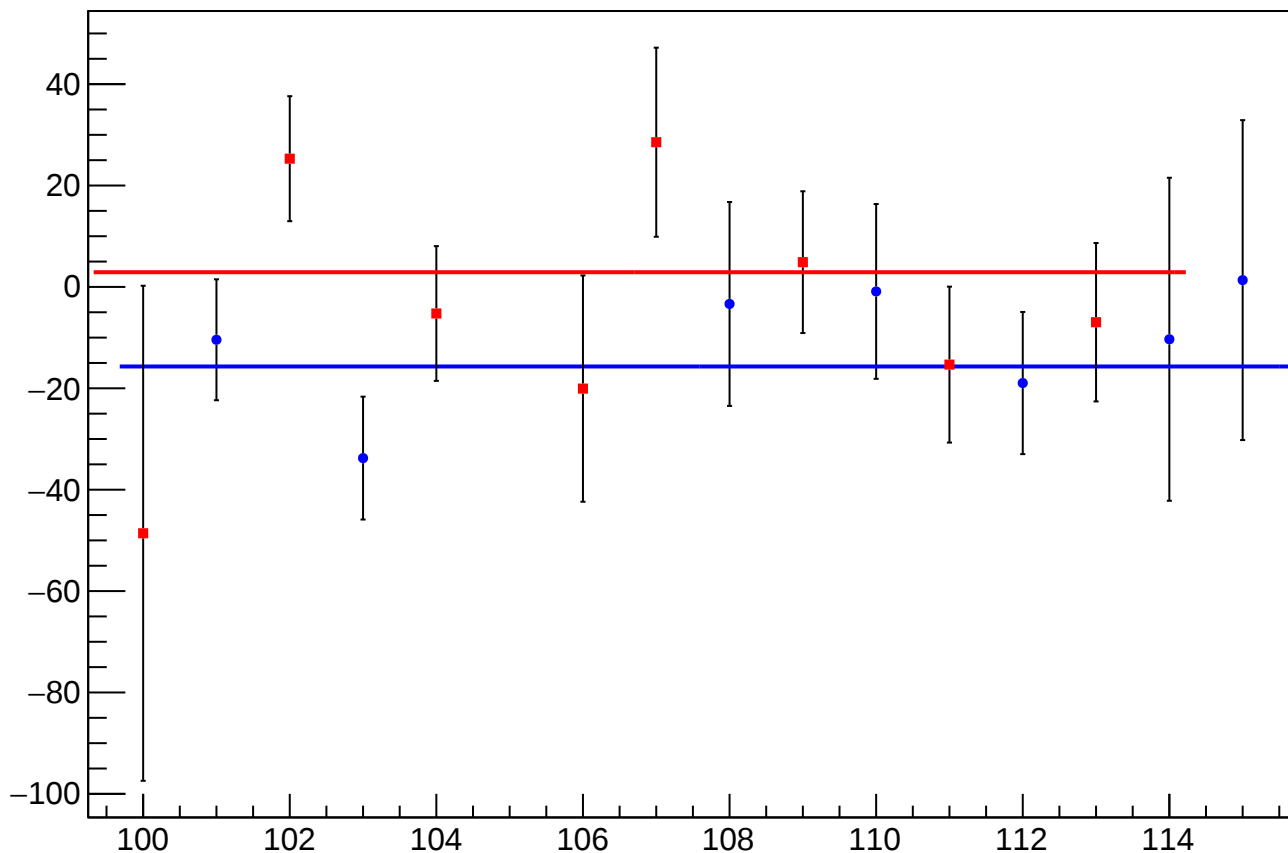
Right: 154.768+/-0.050 χ^2/NDF : 1332754.1/14

In: 167.169+/-0.078 χ^2/NDF :495894.3/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 154.768+/-0.050 χ^2/NDF : 1332754.1/14

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -15.694 $\pm$ 6.114 χ^2 /NDF: 3.9/6

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

Right Out: 2.901 $\pm$ 5.682 χ^2 /NDF: 9.6/7

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

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

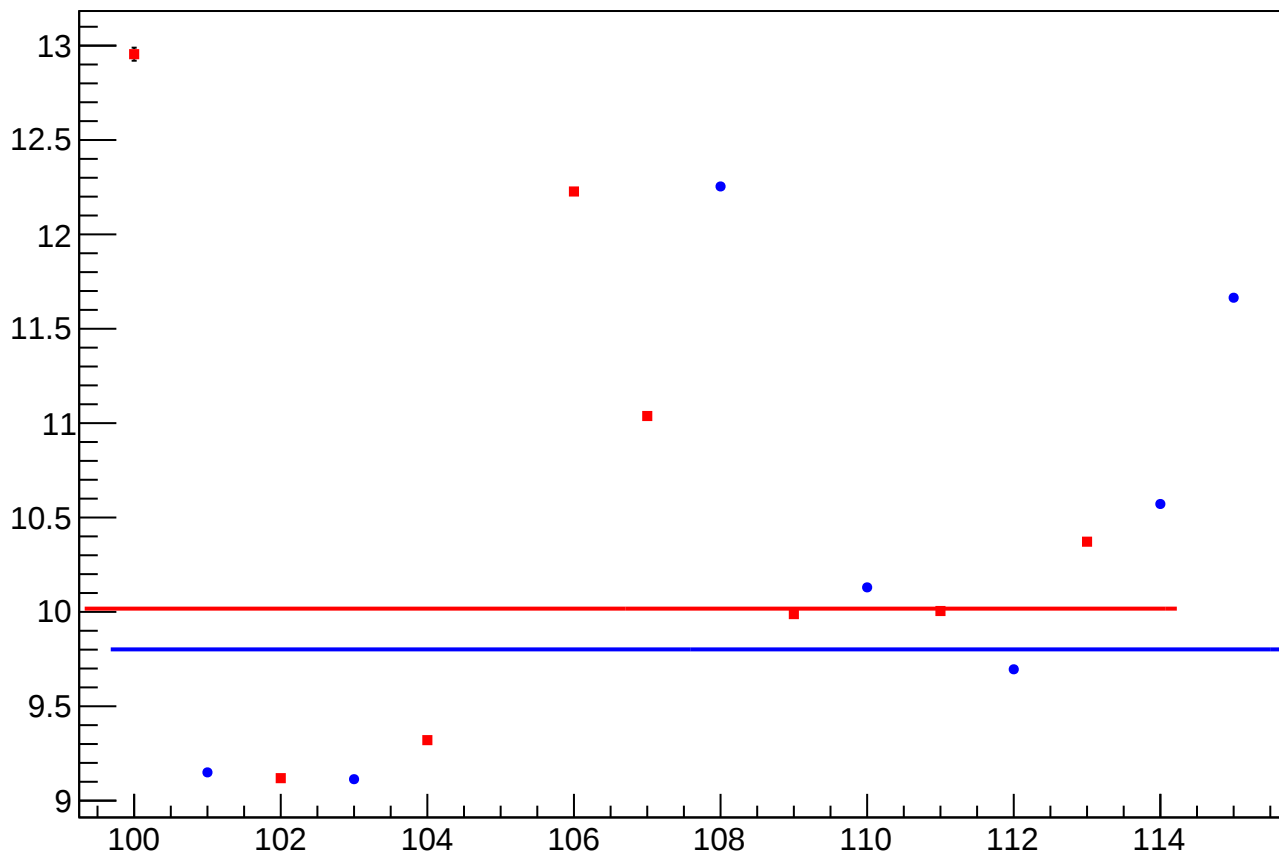
Right: -5.715 $\pm$ 4.162 χ^2 /NDF: 18.4/14

In: -15.694 $\pm$ 6.114 χ^2 /NDF:3.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.715 $\pm$ 4.162 χ^2 /NDF: 18.4/14

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 9.801+/-0.004 χ^2/NDF : 51131.6/6

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

Right Out: 10.017+/-0.004 χ^2/NDF : 49984.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

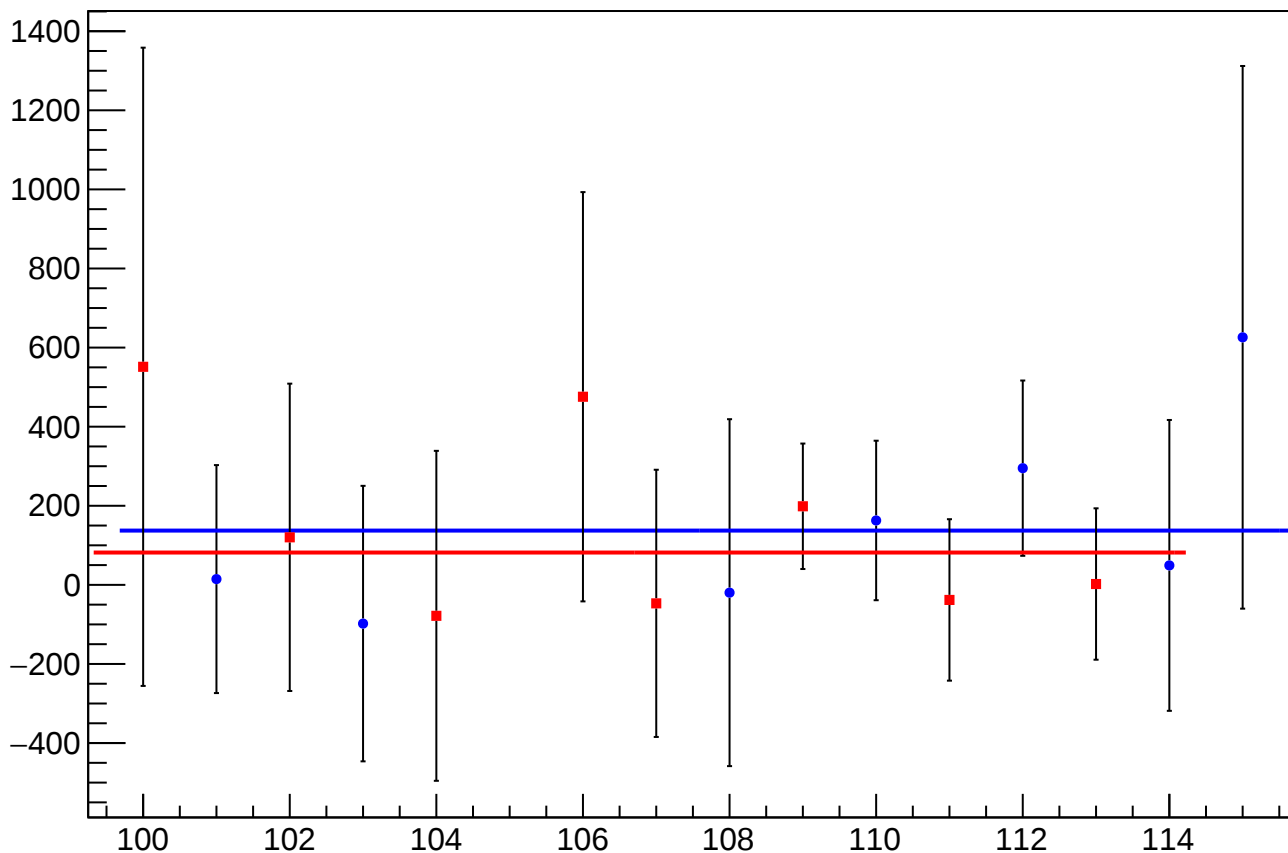
Right: 9.917+/-0.003 χ^2/NDF : 102454.8/14

In: 9.801+/-0.004 χ^2/NDF : 51131.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.917+/-0.003 χ^2/NDF : 102454.8/14

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 137.257+/-111.841 χ^2/NDF : 1.9/6

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

Right Out: 81.754+/-92.275 χ^2/NDF : 2.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

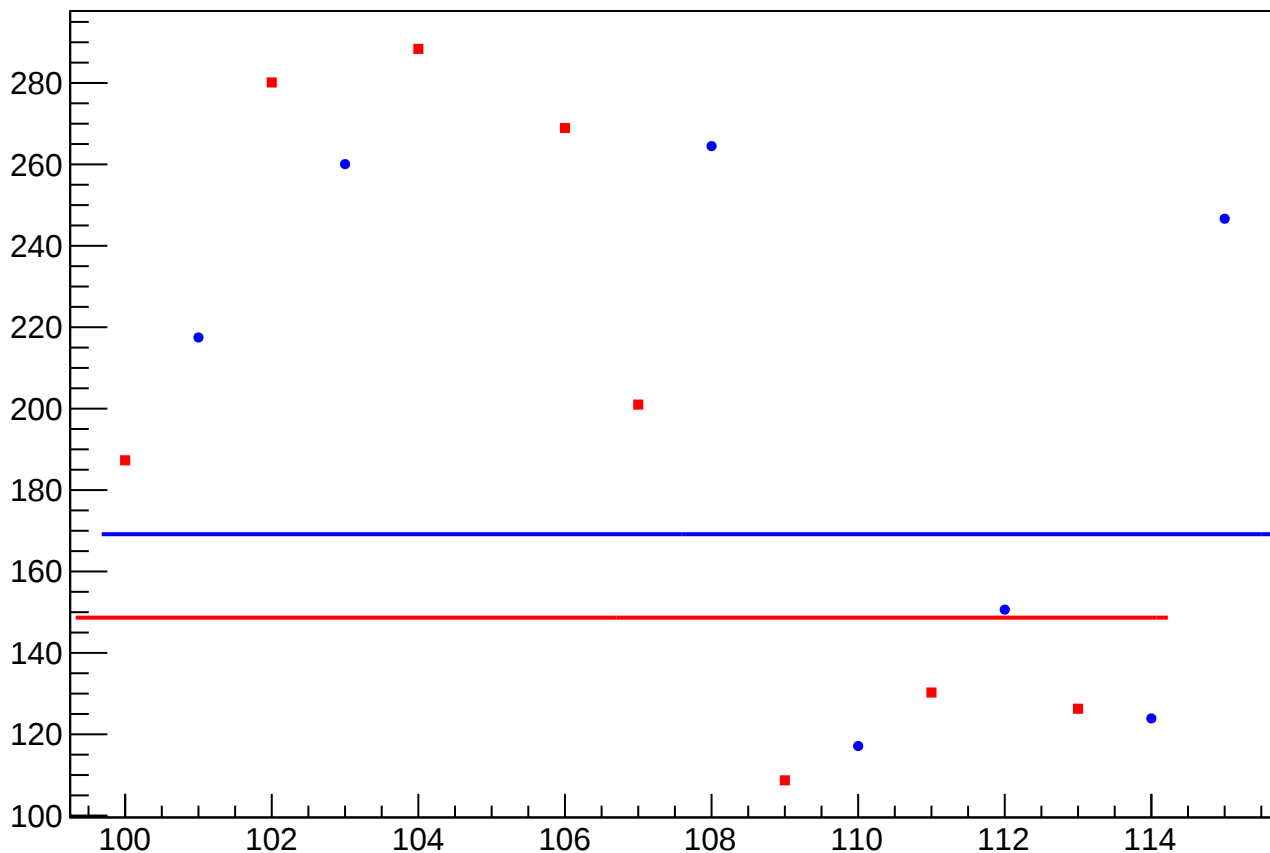
Right: 104.234+/-71.177 χ^2/NDF : 4.3/14

In: 137.257+/-111.841 χ^2/NDF : 1.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.234+/-71.177 χ^2/NDF : 4.3/14

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 169.155+/-0.079 χ^2/NDF : 489876.3/6

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

Right Out: 148.660+/-0.065 χ^2/NDF : 784475.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

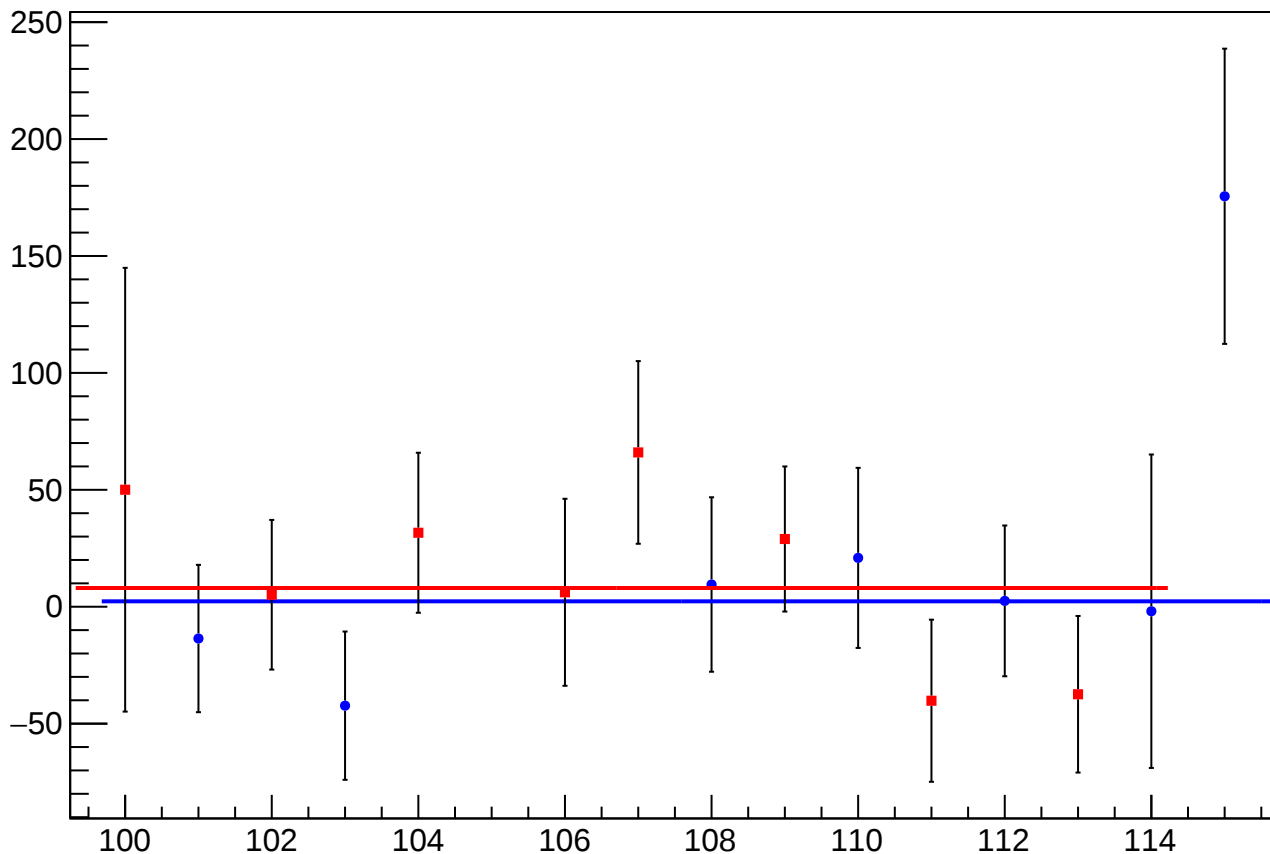
Right: 156.961+/-0.050 χ^2/NDF : 1314313.1/14

In: 169.155+/-0.079 χ^2/NDF : 489876.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.961+/-0.050 χ^2/NDF : 1314313.1/14

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 2.312+/-14.388 χ^2/NDF : 10.0/6

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

Right Out: 8.015+/-12.925 χ^2/NDF : 7.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

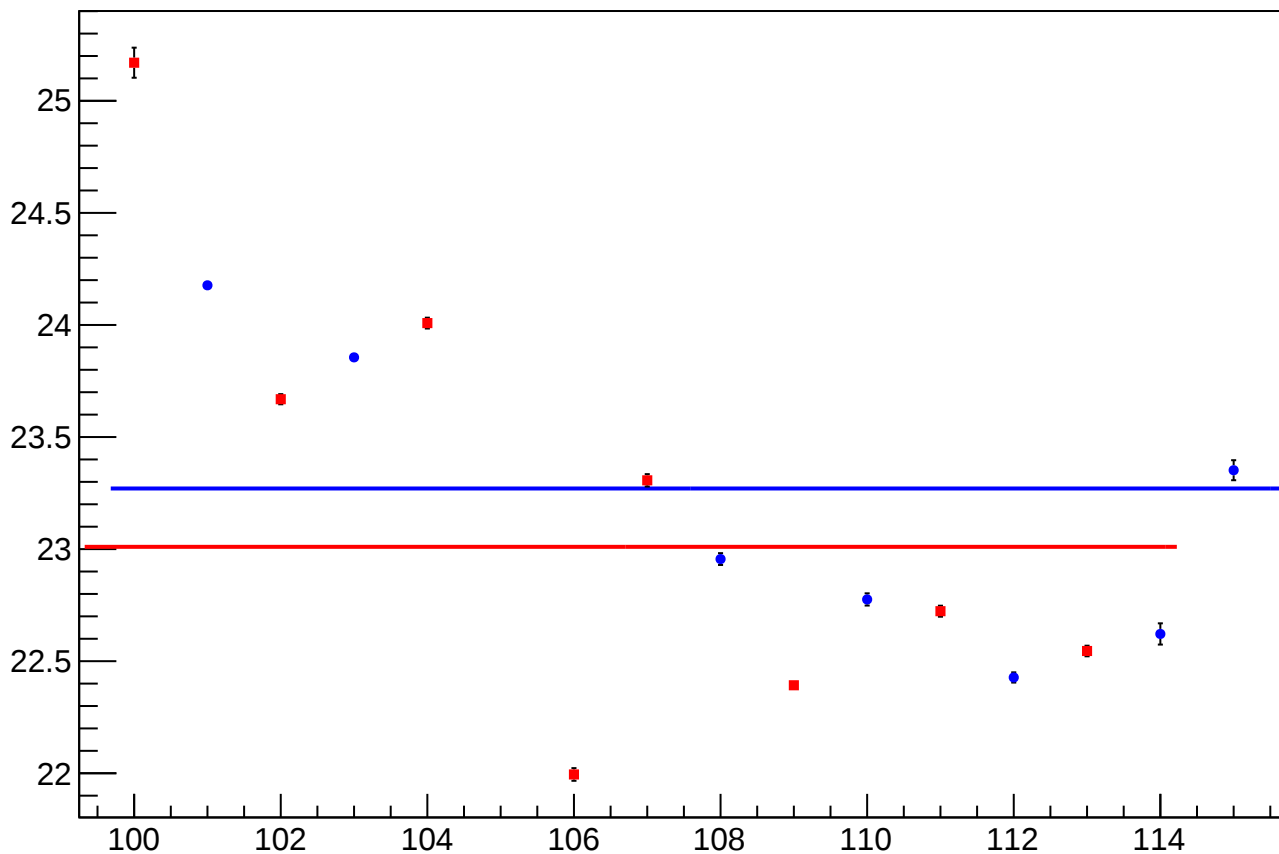
Right: 5.468+/-9.615 χ^2/NDF : 17.2/14

In: 2.312+/-14.388 χ^2/NDF : 10.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.468+/-9.615 χ^2/NDF : 17.2/14

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 23.270 $\pm$ 0.010 χ^2 /NDF: 4367.9/6

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

Right Out: 23.010 $\pm$ 0.009 χ^2 /NDF: 6306.5/7

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

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

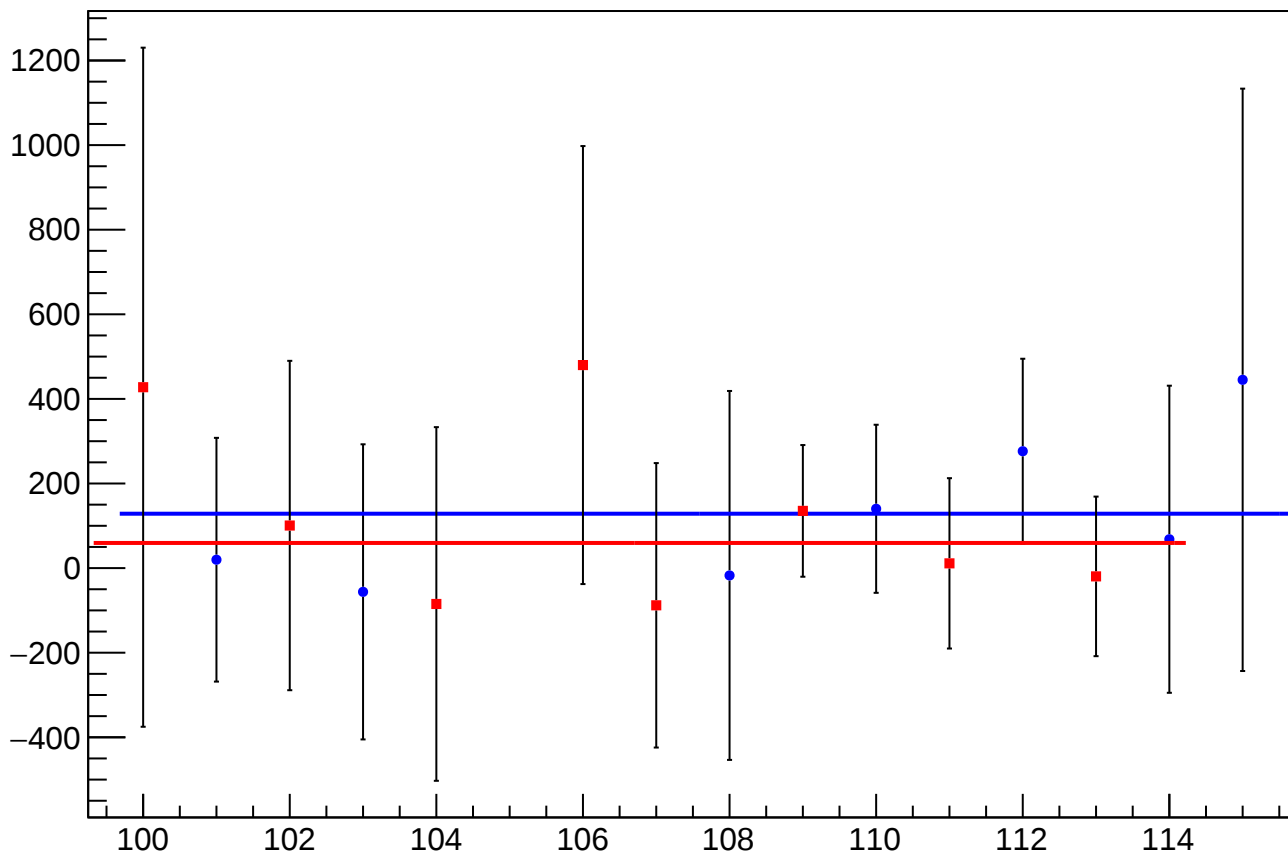
Right: 23.126 $\pm$ 0.007 χ^2 /NDF: 11036.6/14

In: 23.270 $\pm$ 0.010 χ^2 /NDF:4367.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 23.126 $\pm$ 0.007 χ^2 /NDF: 11036.6/14

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 128.580+/-110.783 χ^2/NDF : 1.2/6

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

Right Out: 59.453+/-91.102 χ^2/NDF : 1.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

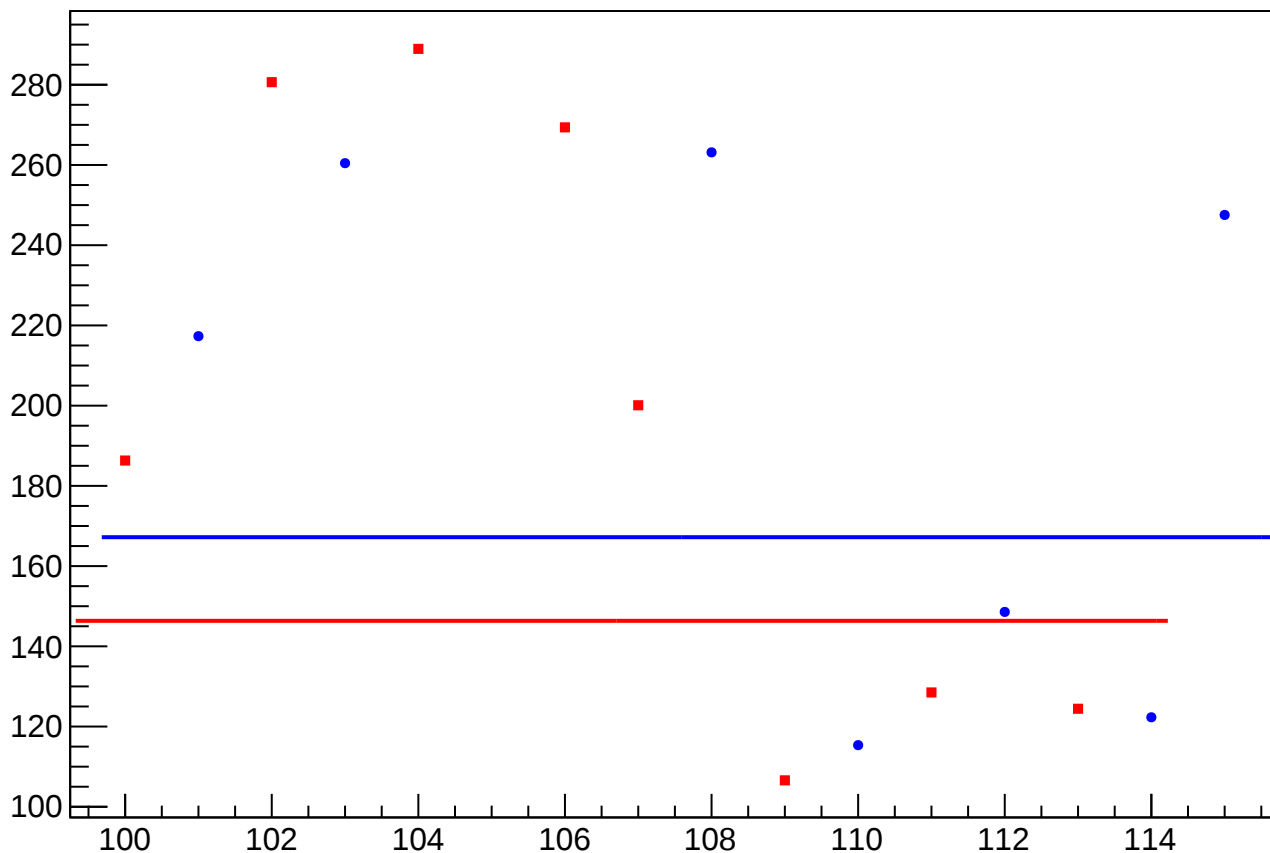
Right: 87.341+/-70.365 χ^2/NDF : 3.1/14

In: 128.580+/-110.783 χ^2/NDF : 1.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.341+/-70.365 χ^2/NDF : 3.1/14

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 167.206 $\pm$ 0.078 χ^2 /NDF: 508730.3/6

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

Right Out: 146.360 $\pm$ 0.064 χ^2 /NDF: 812877.5/7

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

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

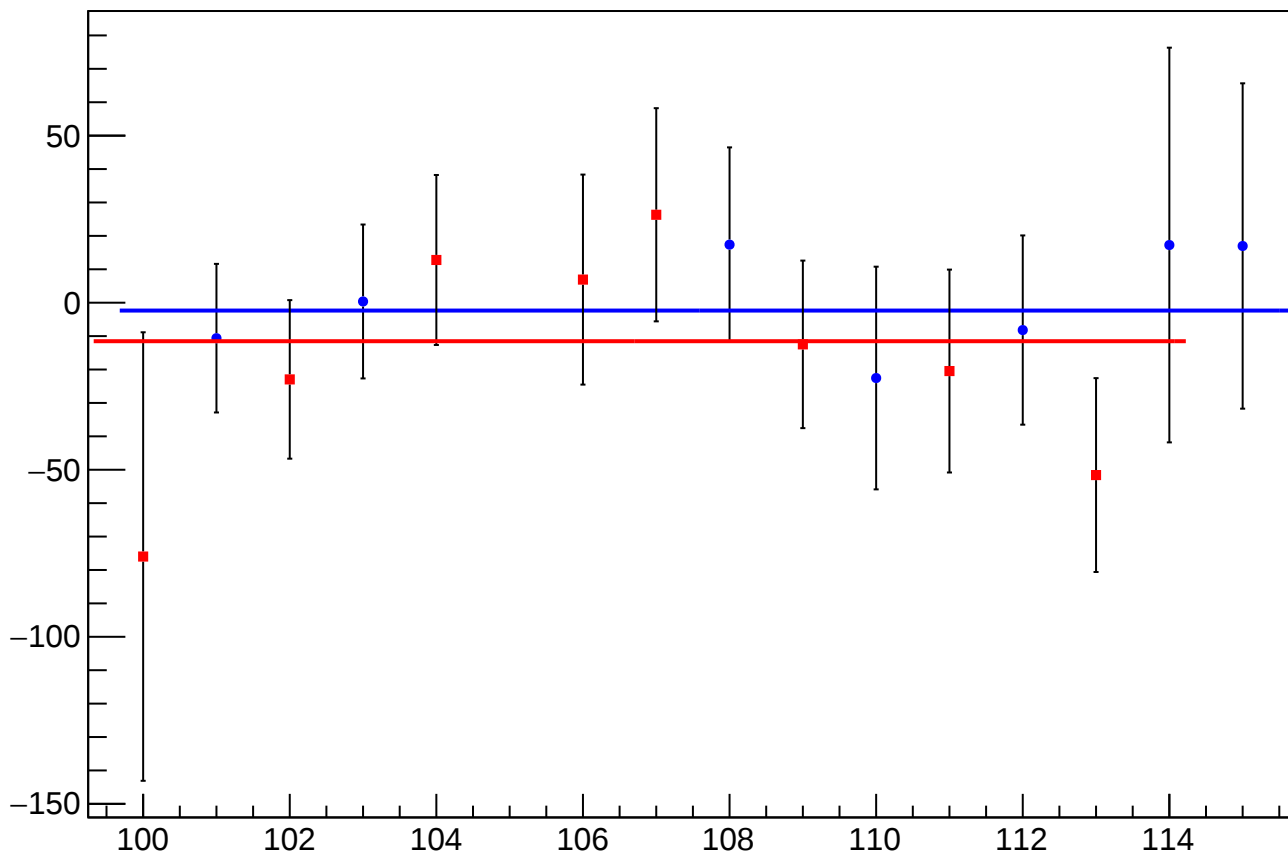
Right: 154.770 $\pm$ 0.050 χ^2 /NDF: 1363856.8/14

In: 167.206 $\pm$ 0.078 χ^2 /NDF:508730.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 154.770 $\pm$ 0.050 χ^2 /NDF: 1363856.8/14

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -2.353+/-11.221 χ^2/NDF : 1.3/6

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

Right Out: -11.525+/-10.314 χ^2/NDF : 5.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

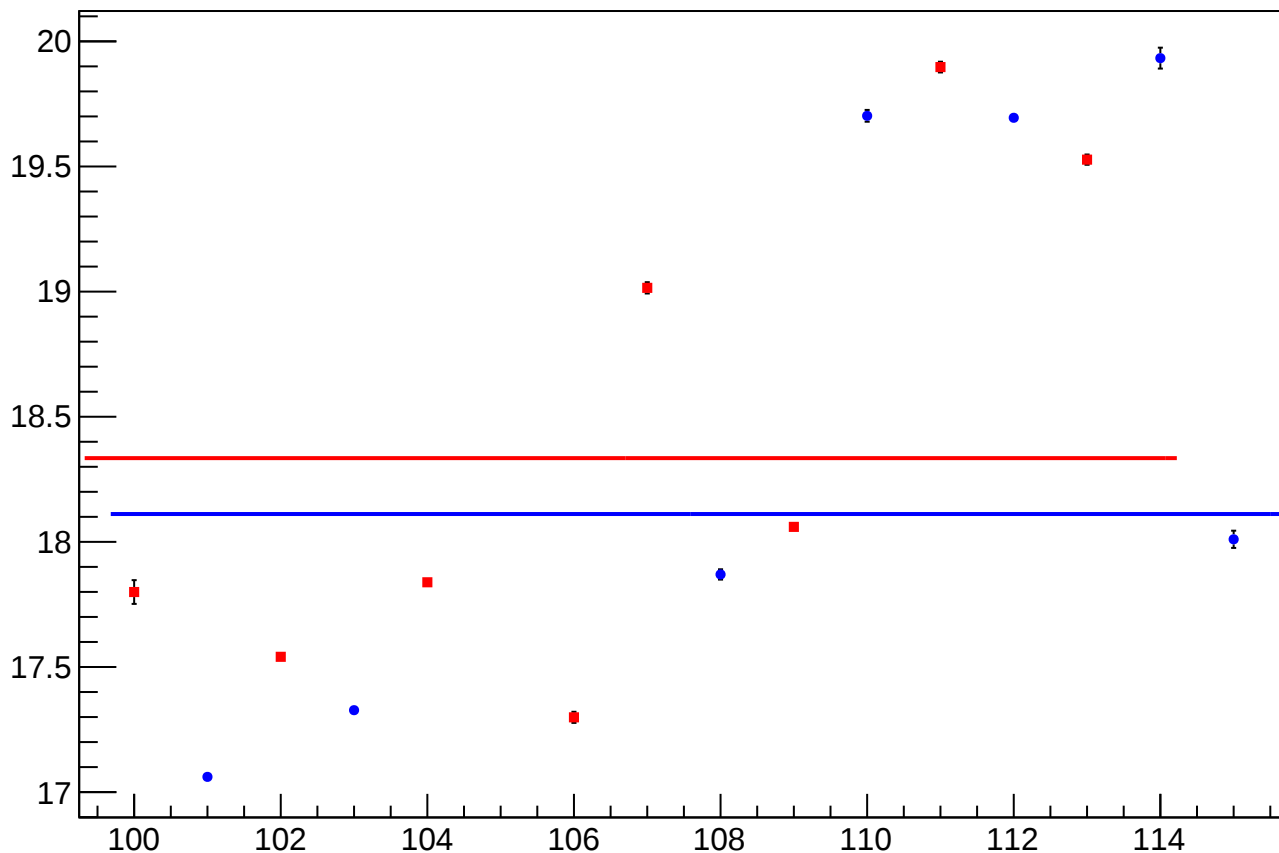
Right: -7.325+/-7.593 χ^2/NDF : 7.5/14

In: -2.353+/-11.221 χ^2/NDF : 1.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.325+/-7.593 χ^2/NDF : 7.5/14

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 18.111+/-0.008 χ^2/NDF : 19636.1/6

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

Right Out: 18.335+/-0.007 χ^2/NDF : 15125.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

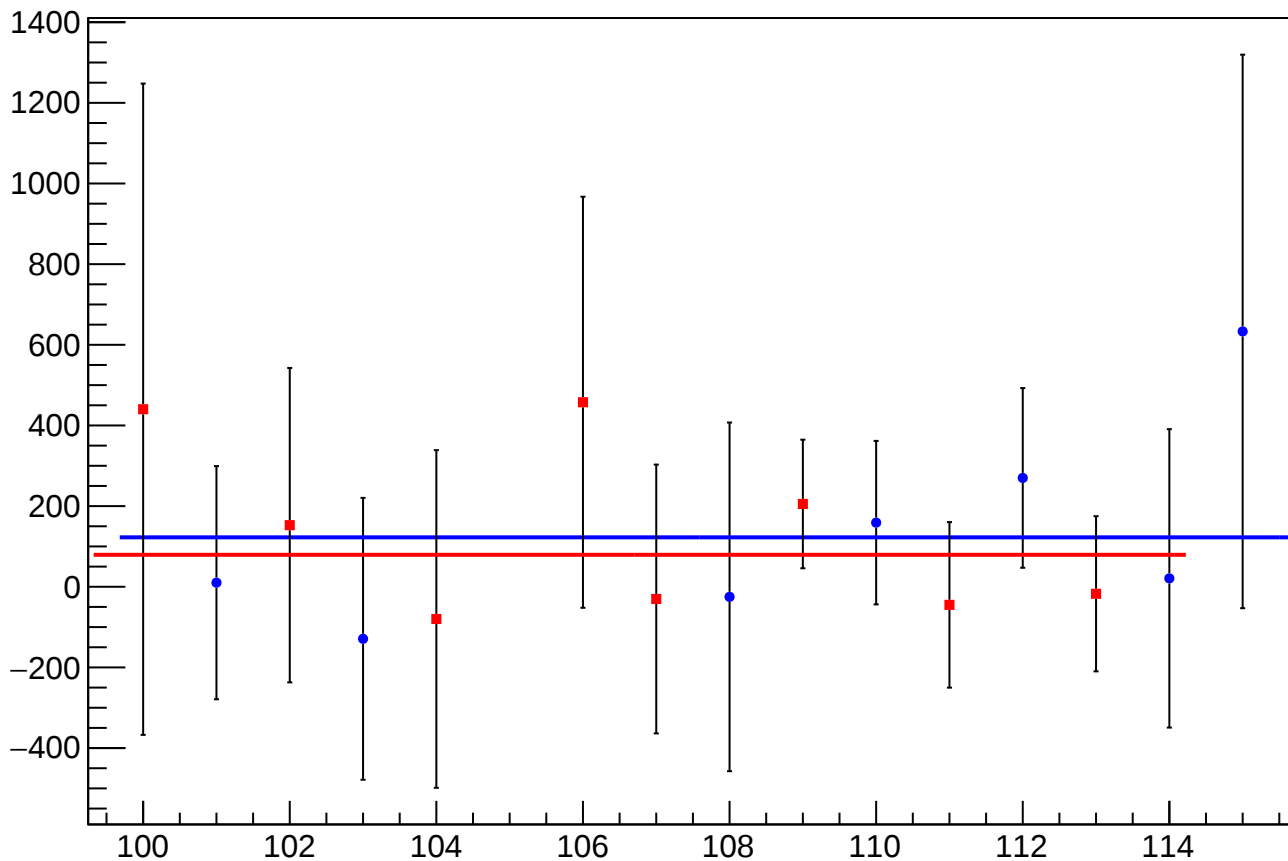
Right: 18.232+/-0.005 χ^2/NDF : 35191.5/14

In: 18.111+/-0.008 χ^2/NDF :19636.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 18.232+/-0.005 χ^2/NDF : 35191.5/14

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 122.573+/-112.219 χ^2/NDF : 1.9/6

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

Right Out: 79.251+/-92.547 χ^2/NDF : 2.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

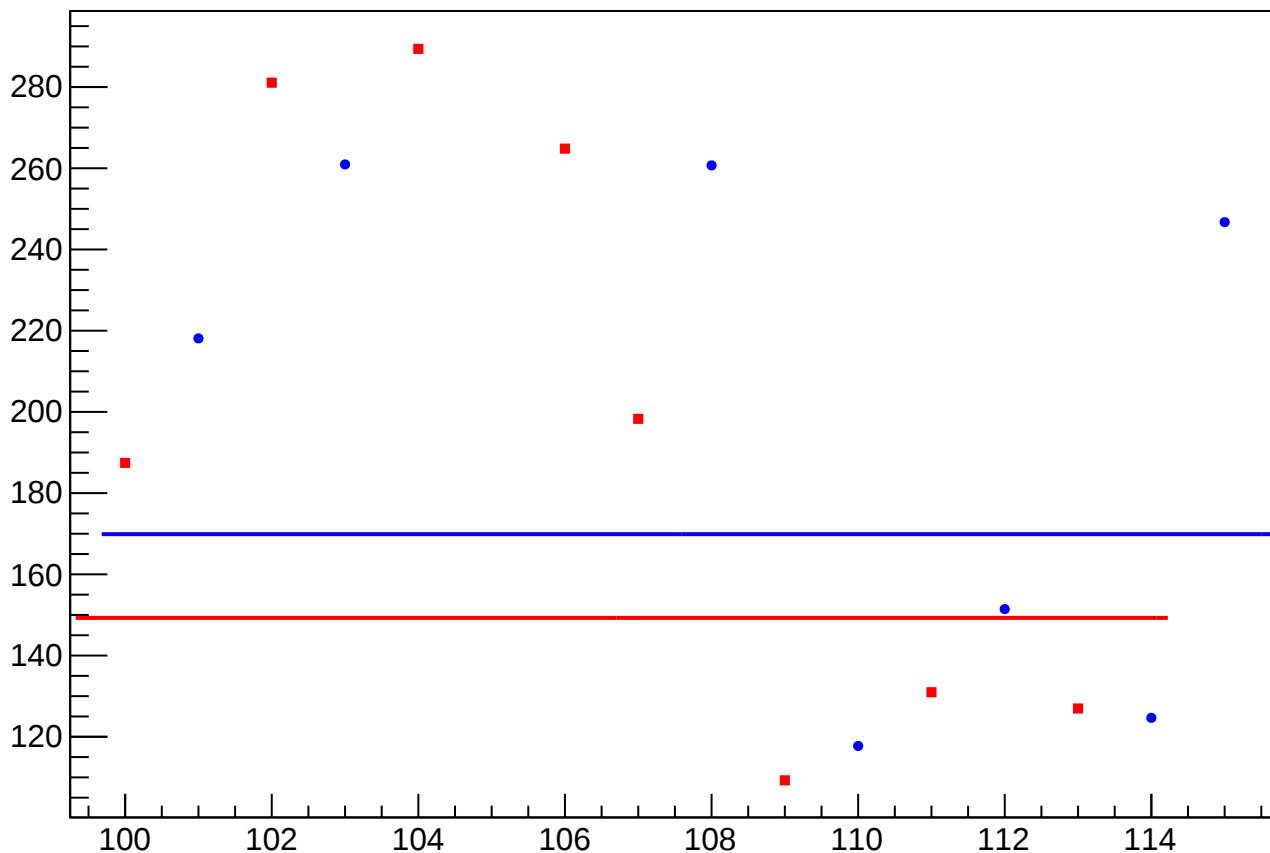
Right: 96.788+/-71.399 χ^2/NDF : 4.3/14

In: 122.573+/-112.219 χ^2/NDF : 1.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.788+/-71.399 χ^2/NDF : 4.3/14

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 169.894+/-0.079 χ^2/NDF : 480655.0/6

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

Right Out: 149.279+/-0.065 χ^2/NDF : 771861.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

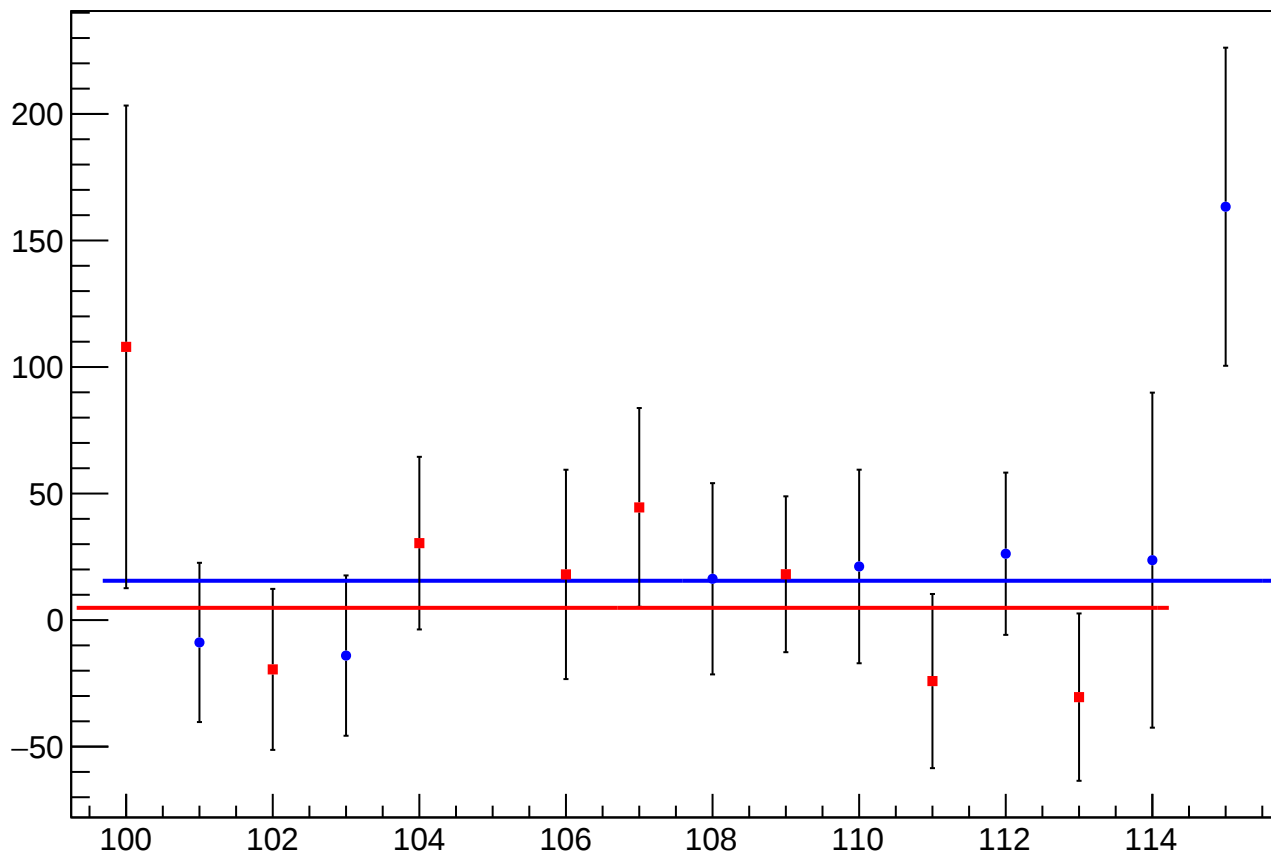
Right: 157.624+/-0.050 χ^2/NDF : 1292689.0/14

In: 169.894+/-0.079 χ^2/NDF : 480655.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.624+/-0.050 χ^2/NDF : 1292689.0/14

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 15.536 $\pm$ 14.366 χ^2 /NDF: 7.1/6

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

Right Out: 4.839 $\pm$ 12.905 χ^2 /NDF: 5.5/7

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

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

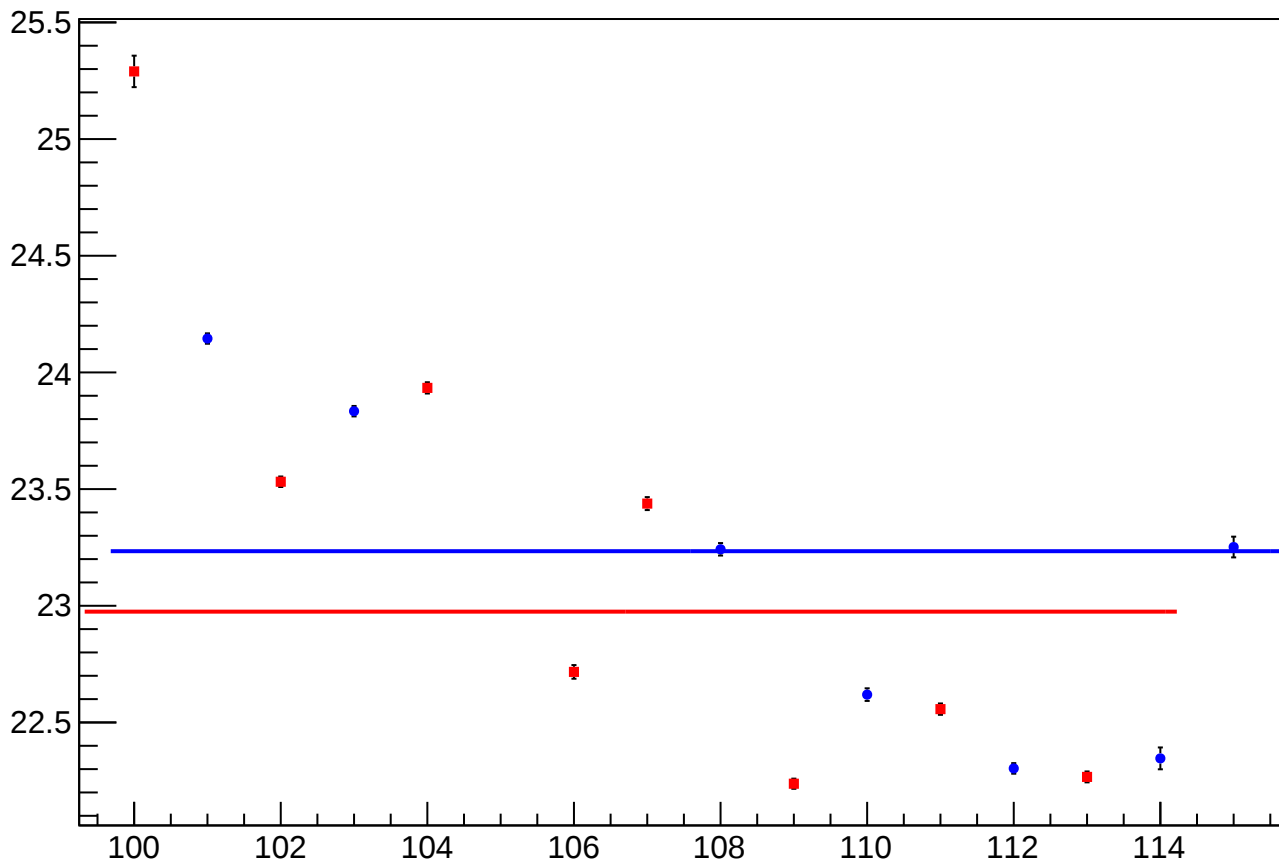
Right: 9.616 $\pm$ 9.601 χ^2 /NDF: 12.9/14

In: 15.536 $\pm$ 14.366 χ^2 /NDF:7.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.616 $\pm$ 9.601 χ^2 /NDF: 12.9/14

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 23.234+/-0.010 χ^2/NDF : 4958.0/6

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

Right Out: 22.975+/-0.009 χ^2/NDF : 6087.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

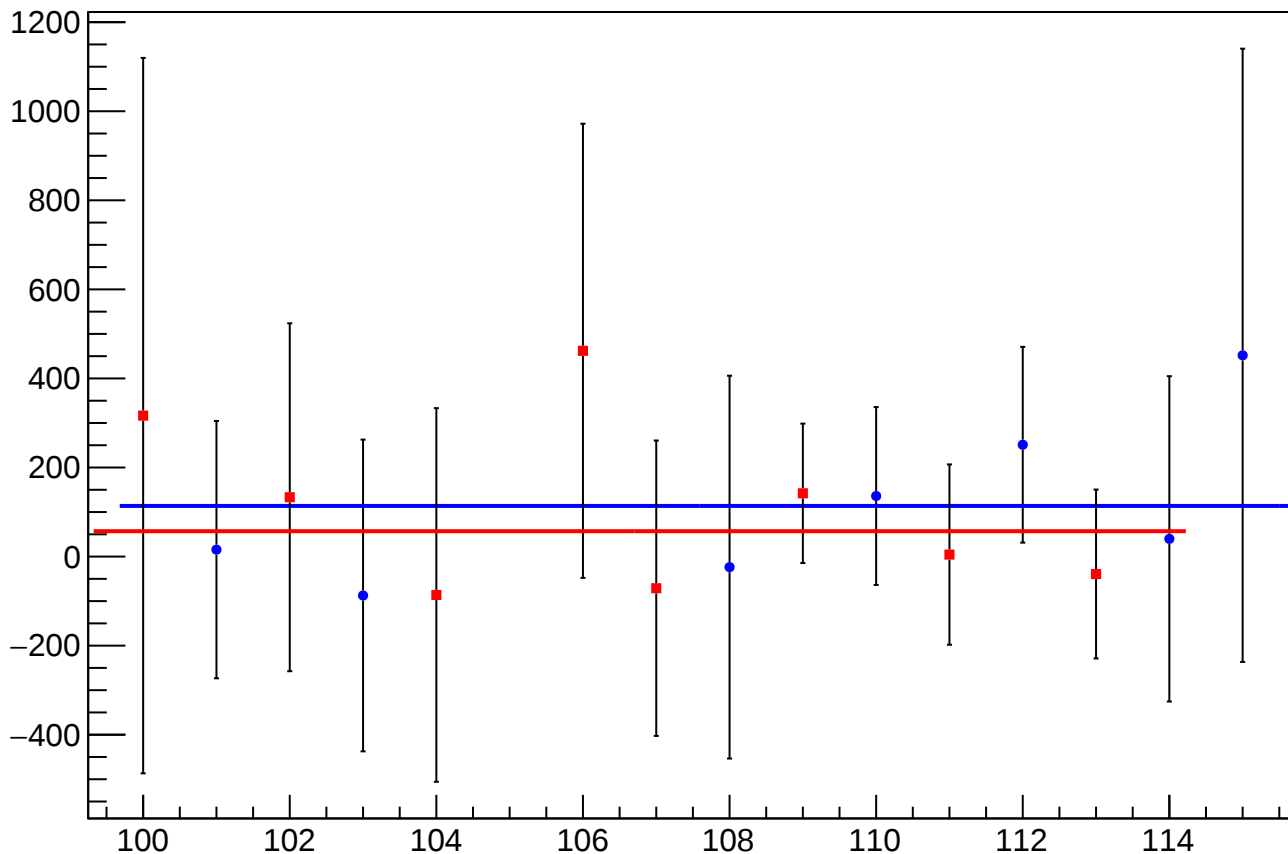
Right: 23.091+/-0.007 χ^2/NDF : 11405.1/14

In: 23.234+/-0.010 χ^2/NDF : 4958.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.091+/-0.007 χ^2/NDF : 11405.1/14

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 113.732+/-111.165 χ^2/NDF : 1.2/6

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

Right Out: 56.988+/-91.381 χ^2/NDF : 1.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

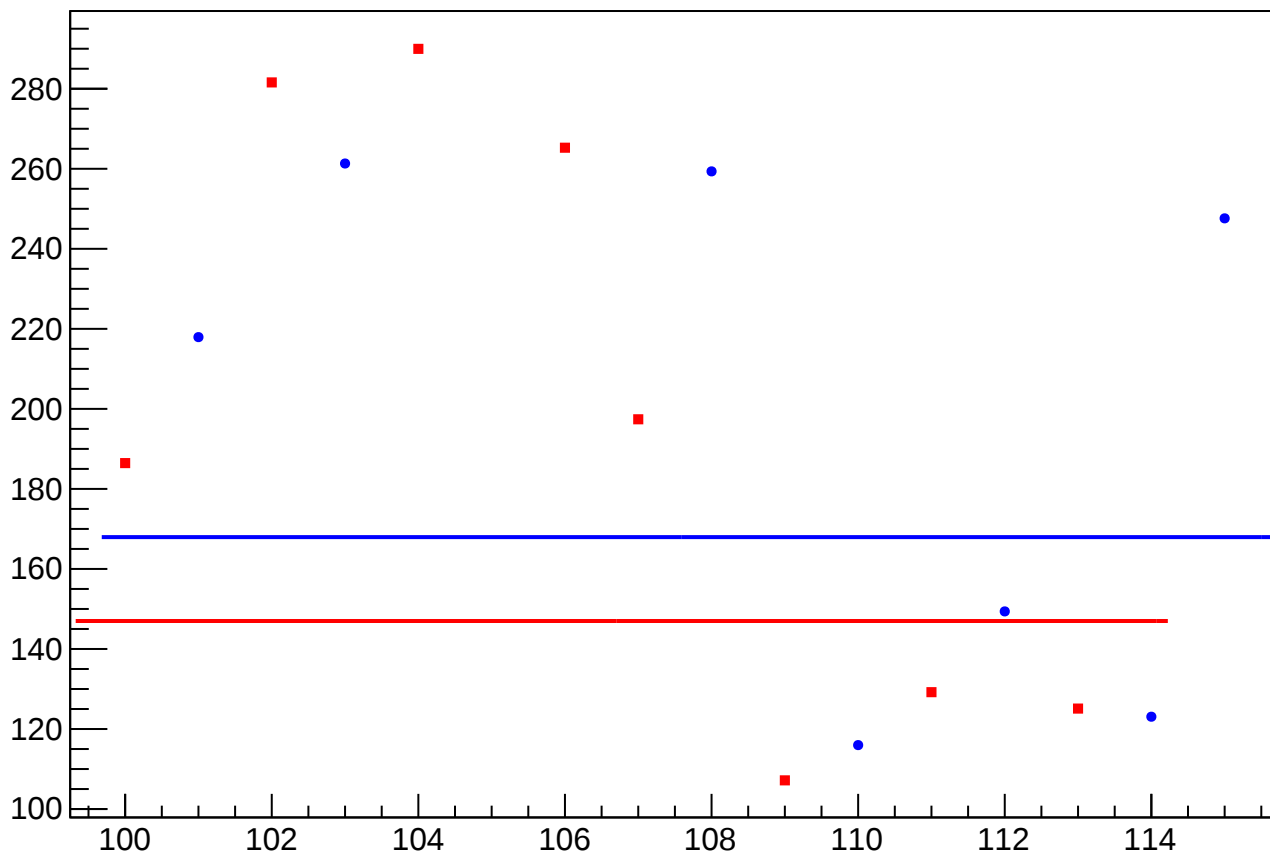
Right: 79.870+/-70.591 χ^2/NDF : 3.0/14

In: 113.732+/-111.165 χ^2/NDF : 1.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.870+/-70.591 χ^2/NDF : 3.0/14

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 167.955+/-0.079 χ^2/NDF : 499235.9/6

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

Right Out: 146.992+/-0.065 χ^2/NDF : 799901.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

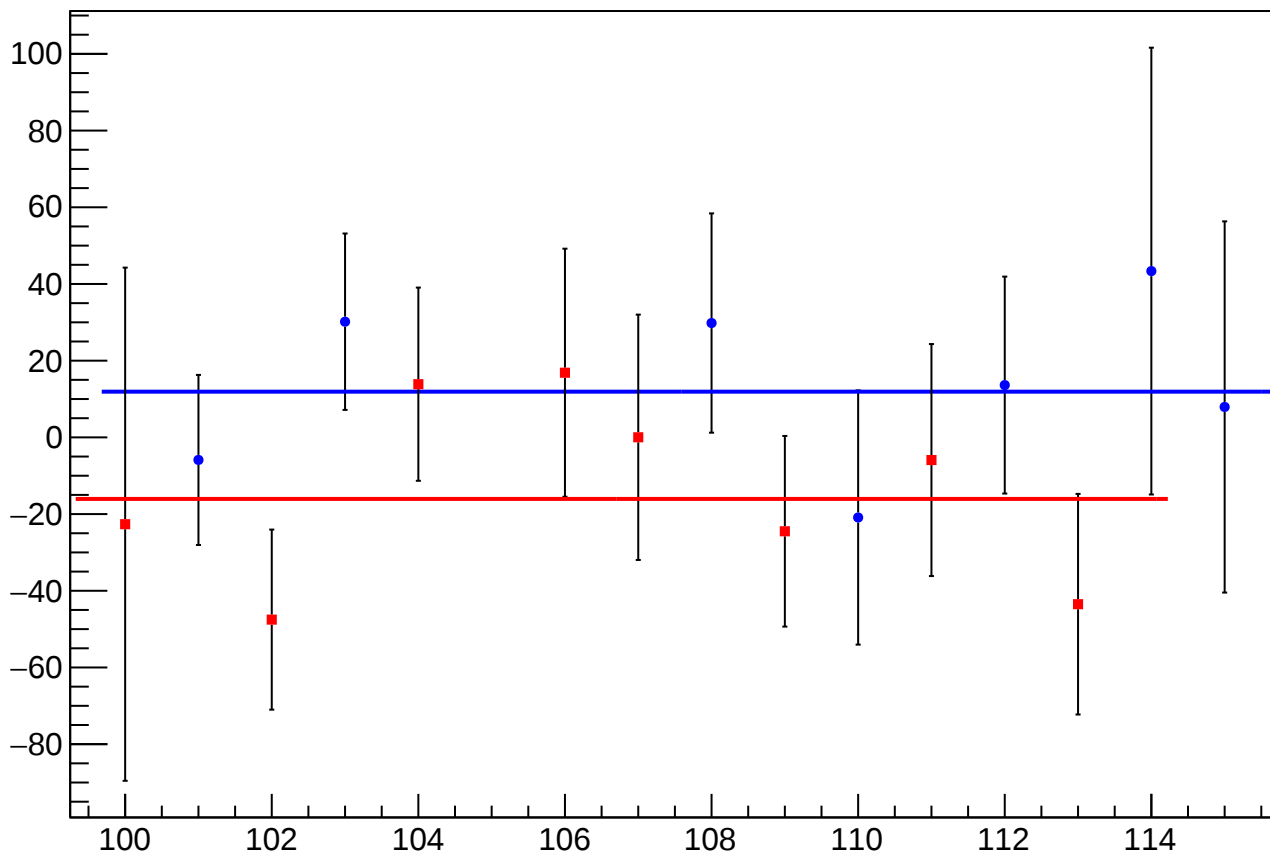
Right: 155.445+/-0.050 χ^2/NDF : 1341580.1/14

In: 167.955+/-0.079 χ^2/NDF : 499235.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.445+/-0.050 χ^2/NDF : 1341580.1/14

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 11.921+/-11.160 χ^2/NDF : 2.9/6

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

Right Out: -16.050+/-10.278 χ^2/NDF : 5.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

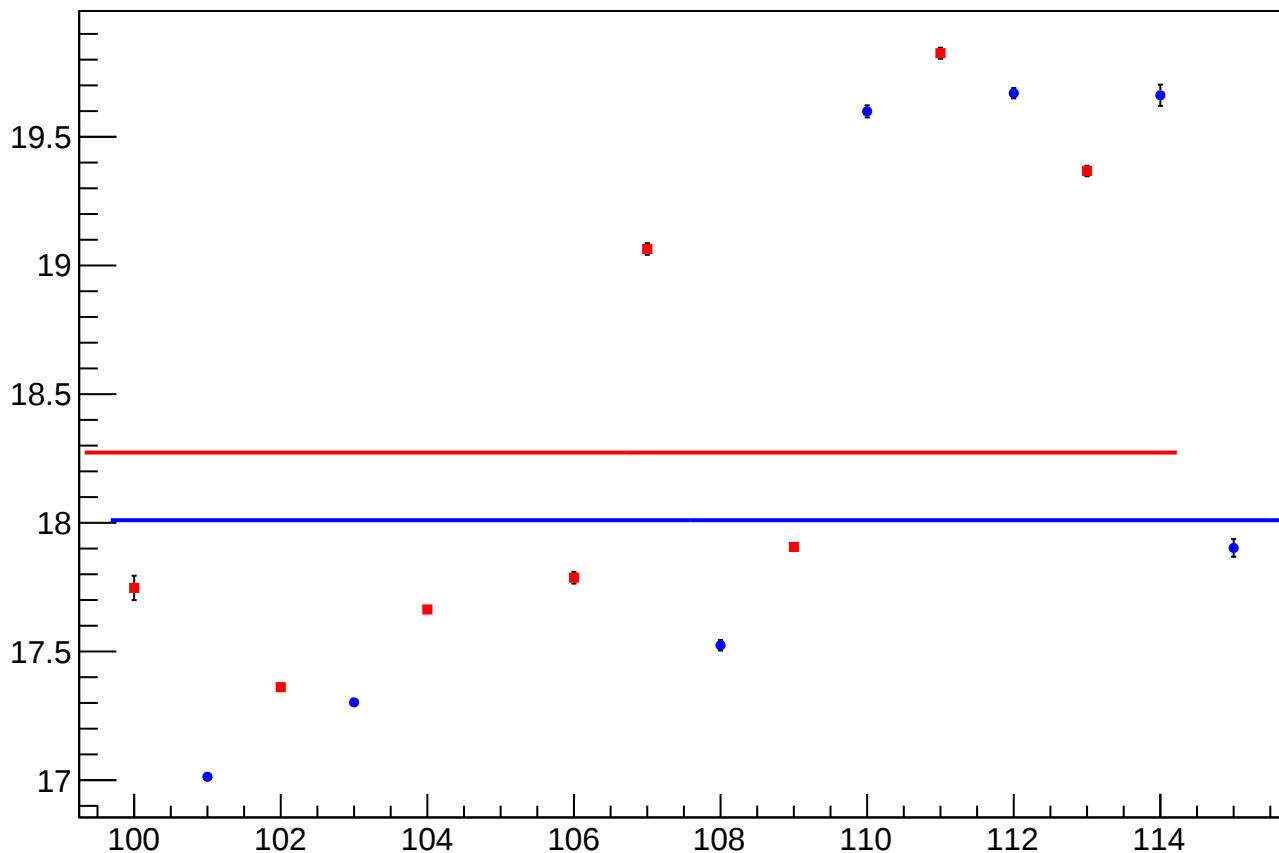
Right: -3.213+/-7.560 χ^2/NDF : 12.0/14

In: 11.921+/-11.160 χ^2/NDF : 2.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.213+/-7.560 χ^2/NDF : 12.0/14

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 18.010 $\pm$ 0.008 χ^2 /NDF: 19612.6/6

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

Right Out: 18.273 $\pm$ 0.007 χ^2 /NDF: 14580.6/7

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

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

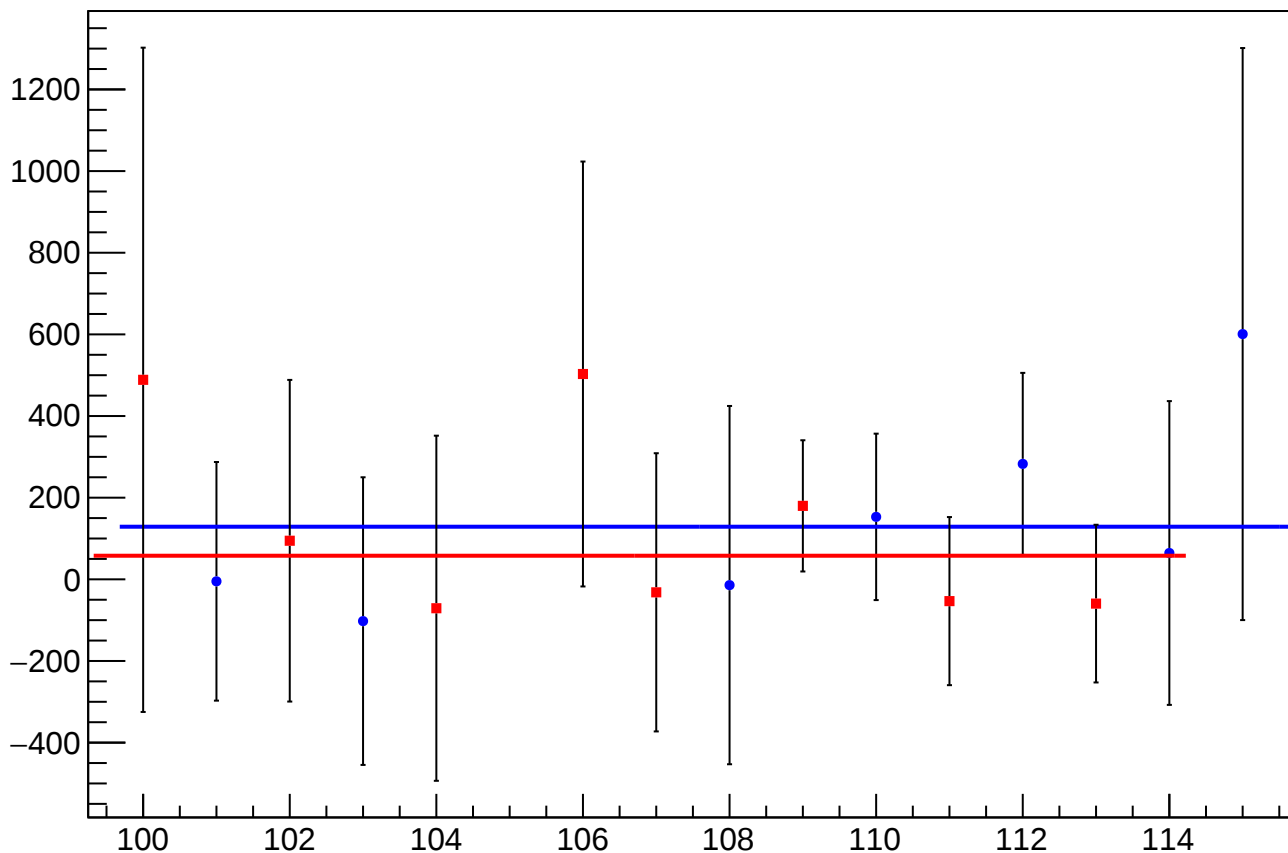
Right: 18.152 $\pm$ 0.005 χ^2 /NDF: 34793.9/14

In: 18.010 $\pm$ 0.008 χ^2 /NDF:19612.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 18.152 $\pm$ 0.005 χ^2 /NDF: 34793.9/14

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 128.878+/-112.936 χ^2/NDF : 1.7/6

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

Right Out: 57.814+/-93.262 χ^2/NDF : 2.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

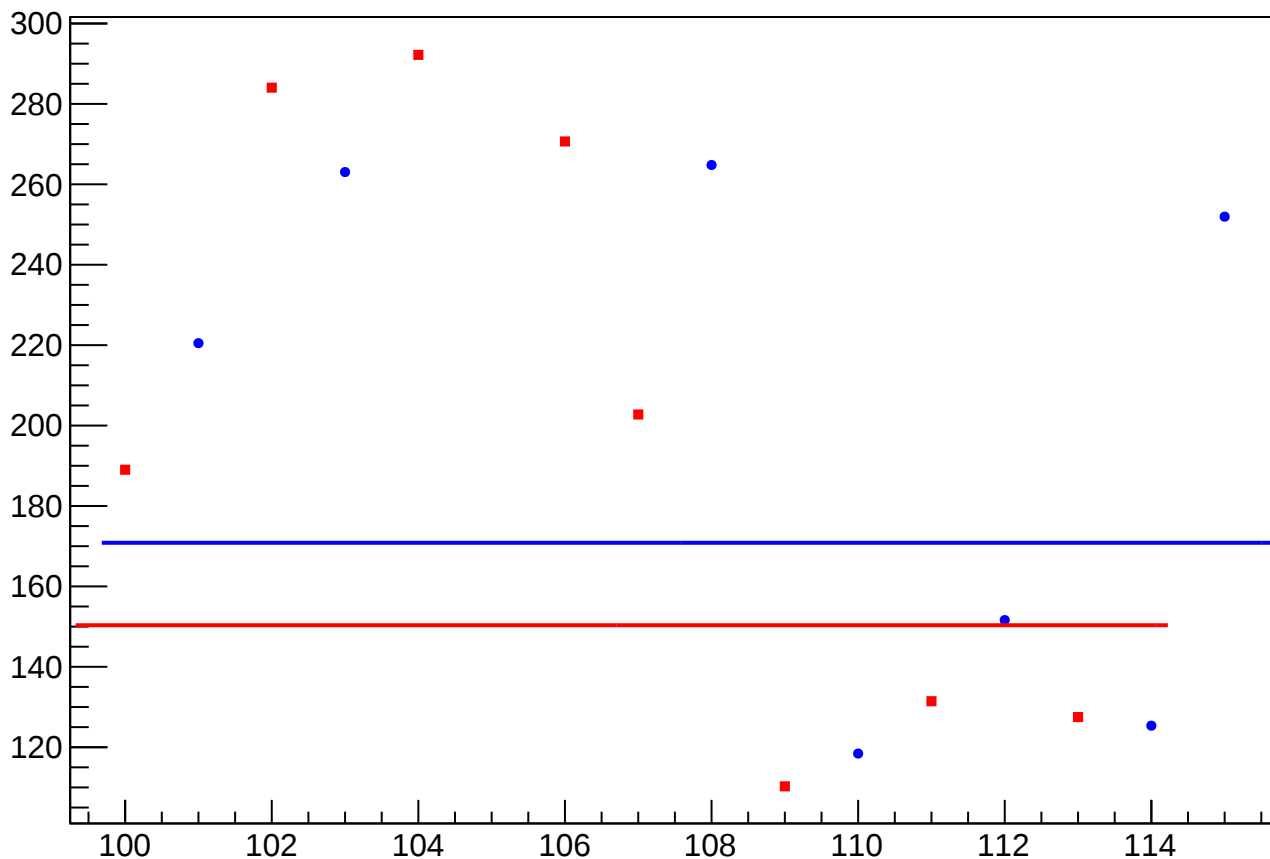
Right: 86.626+/-71.912 χ^2/NDF : 4.4/14

In: 128.878+/-112.936 χ^2/NDF : 1.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.626+/-71.912 χ^2/NDF : 4.4/14

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 170.853+/-0.080 χ^2/NDF : 490264.8/6

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

Right Out: 150.344+/-0.066 χ^2/NDF : 783527.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

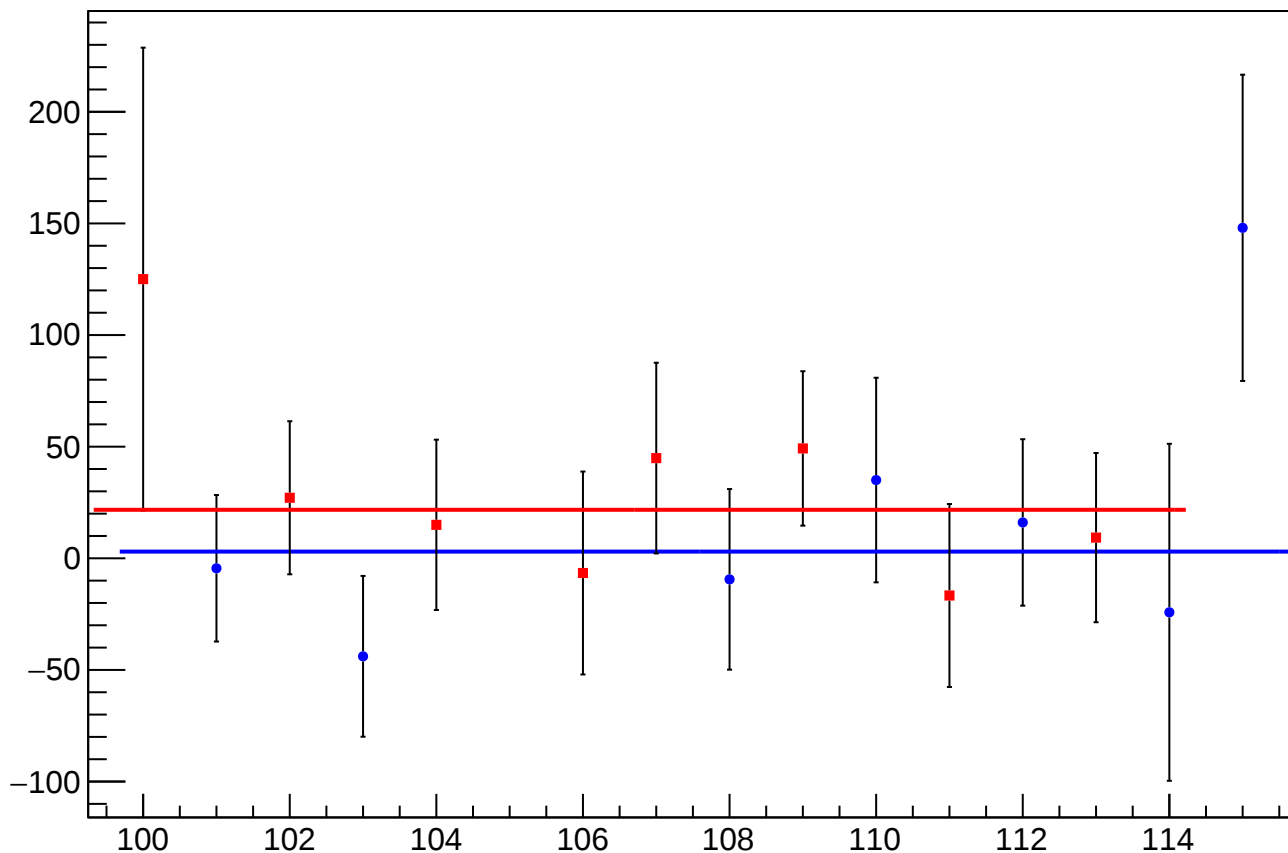
Right: 158.659+/-0.051 χ^2/NDF : 1313005.5/14

In: 170.853+/-0.080 χ^2/NDF : 490264.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.659+/-0.051 χ^2/NDF : 1313005.5/14

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.005+/-16.024 χ^2/NDF : 7.1/6

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

Right Out: 21.729+/-14.448 χ^2/NDF : 3.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

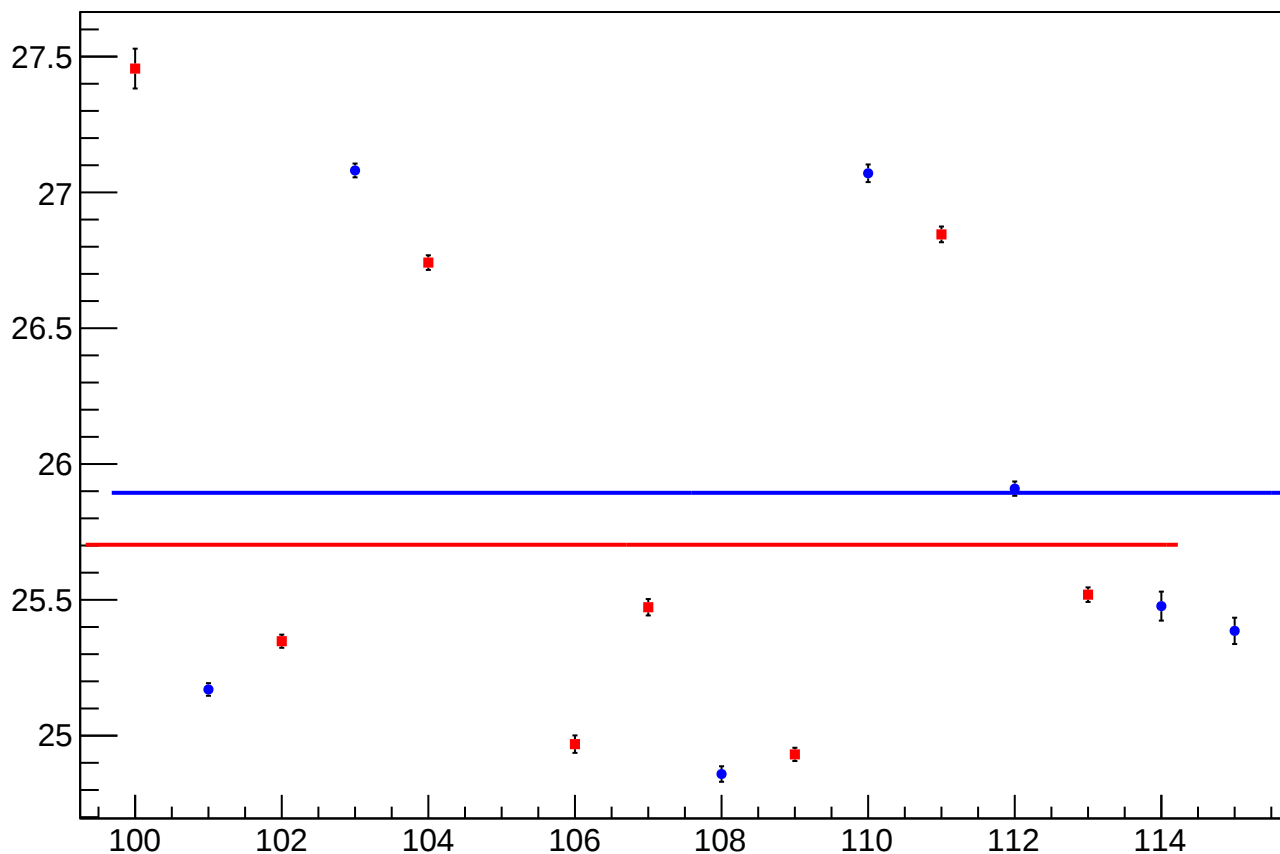
Right: 13.333+/-10.730 χ^2/NDF : 11.2/14

In: 3.005+/-16.024 χ^2/NDF : 7.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.333+/-10.730 χ^2/NDF : 11.2/14

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.894+/-0.011 χ^2/NDF : 5944.5/6

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

Right Out: 25.703+/-0.010 χ^2/NDF : 5446.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

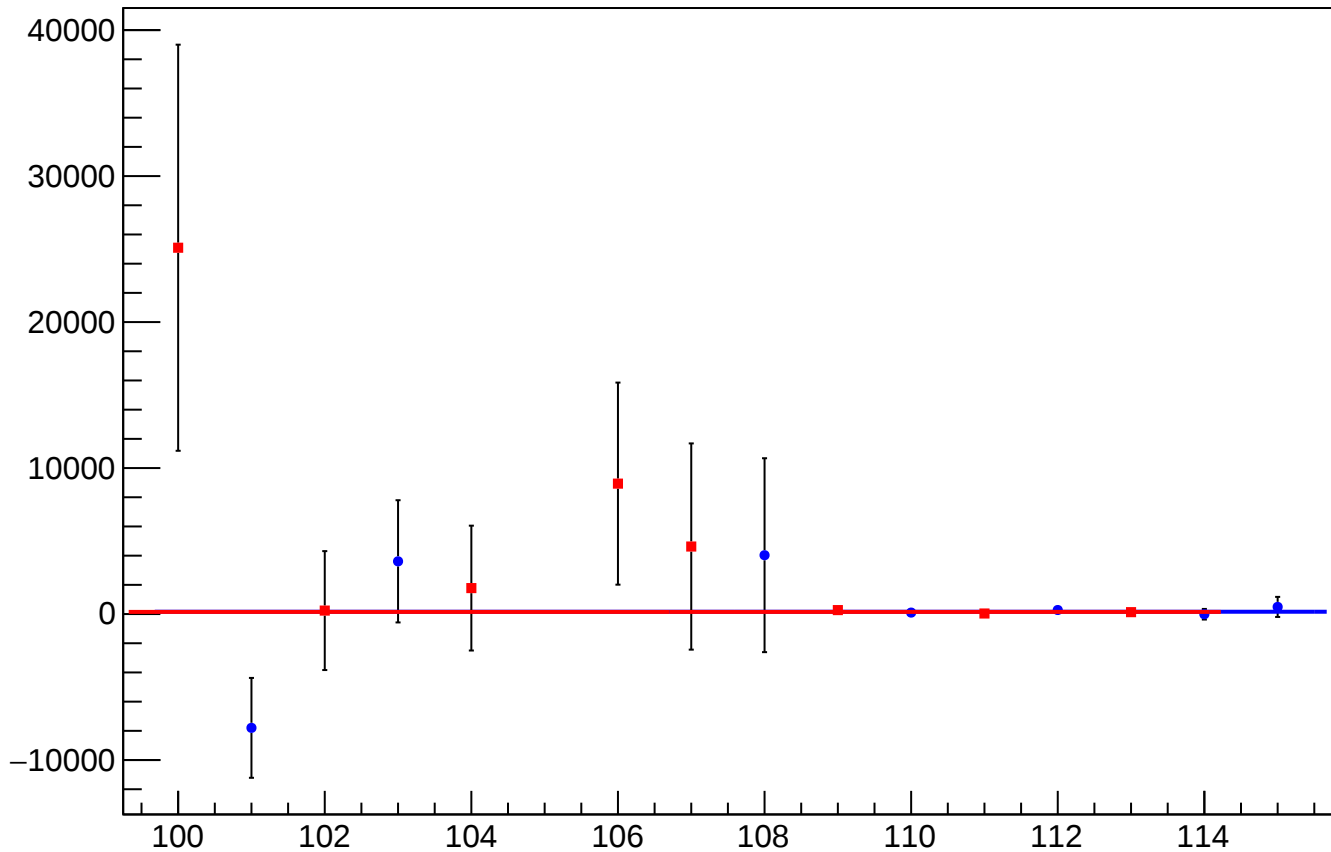
Right: 25.789+/-0.008 χ^2/NDF : 11548.1/14

In: 25.894+/-0.011 χ^2/NDF : 5944.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.789+/-0.008 χ^2/NDF : 11548.1/14

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 158.703+/-134.303 χ^2/NDF : 7.3/6

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

Right Out: 147.226+/-116.281 χ^2/NDF : 6.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

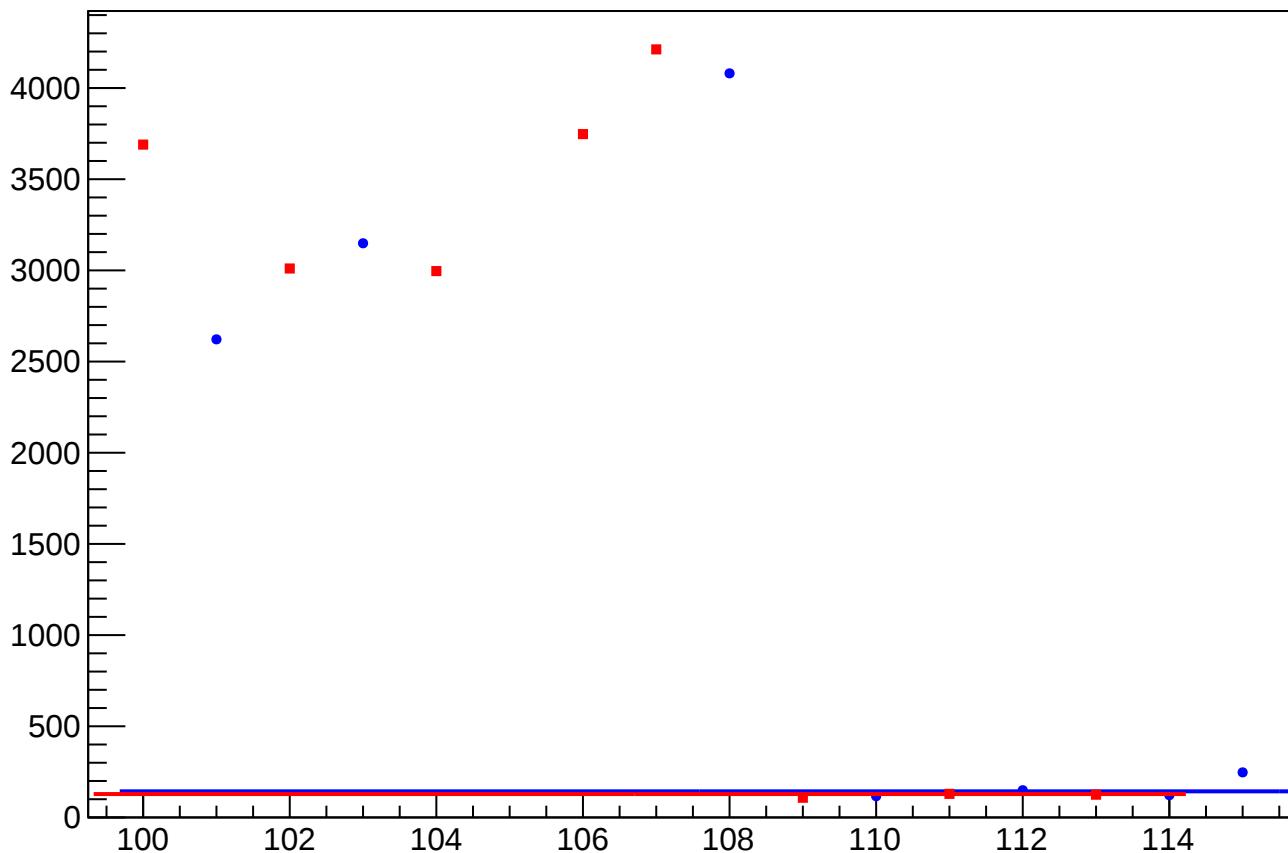
Right: 152.143+/-87.910 χ^2/NDF : 13.3/14

In: 158.703+/-134.303 χ^2/NDF : 7.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.143+/-87.910 χ^2/NDF : 13.3/14

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 143.180+/-0.095 χ^2/NDF : 2873220.4/6

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

Right Out: 128.311+/-0.082 χ^2/NDF : 3266014.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

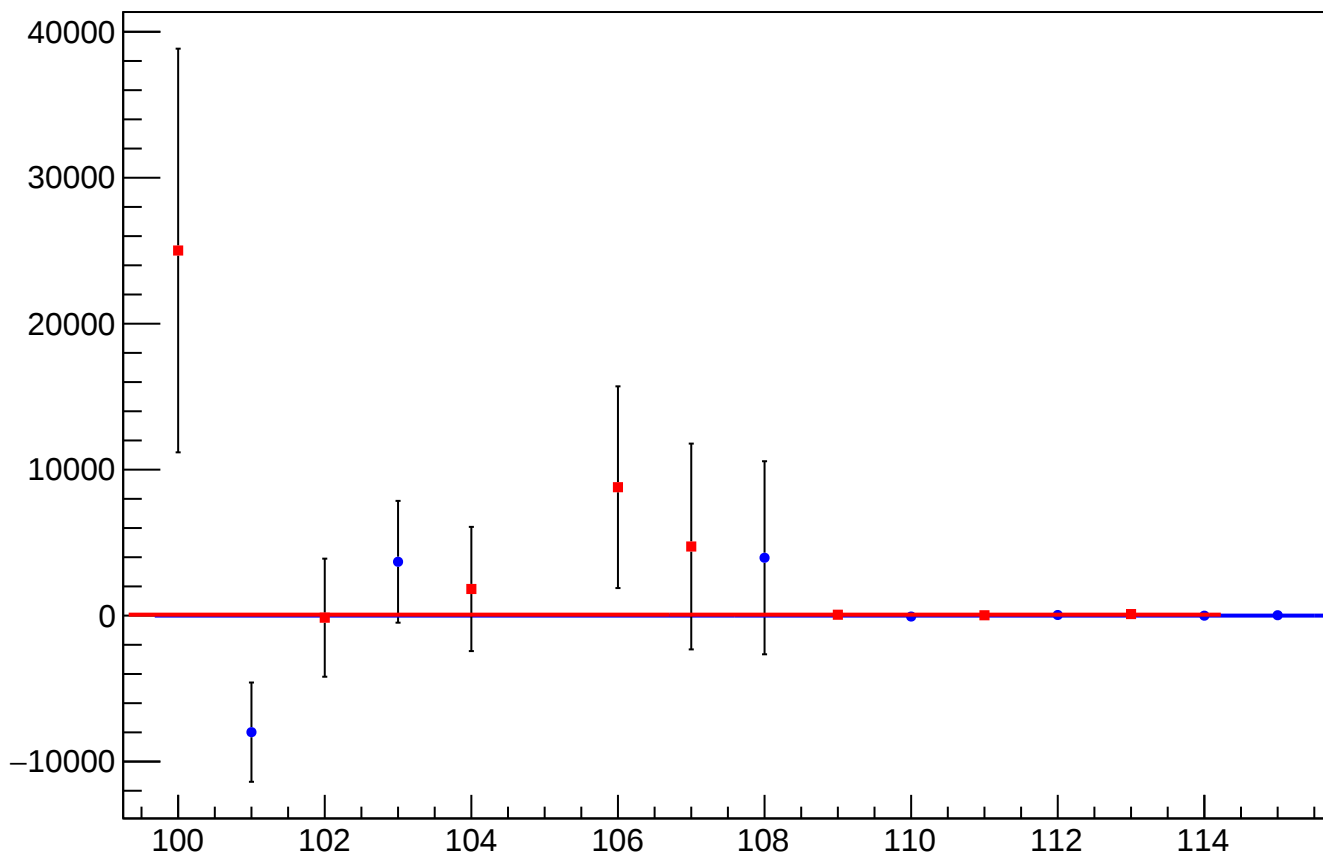
Right: 134.682+/-0.062 χ^2/NDF : 6153245.2/14

In: 143.180+/-0.095 χ^2/NDF : 2873220.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.682+/-0.062 χ^2/NDF : 6153245.2/14

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.039+/-25.791 χ^2/NDF : 9.9/6

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

Right Out: 65.569+/-24.899 χ^2/NDF : 7.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

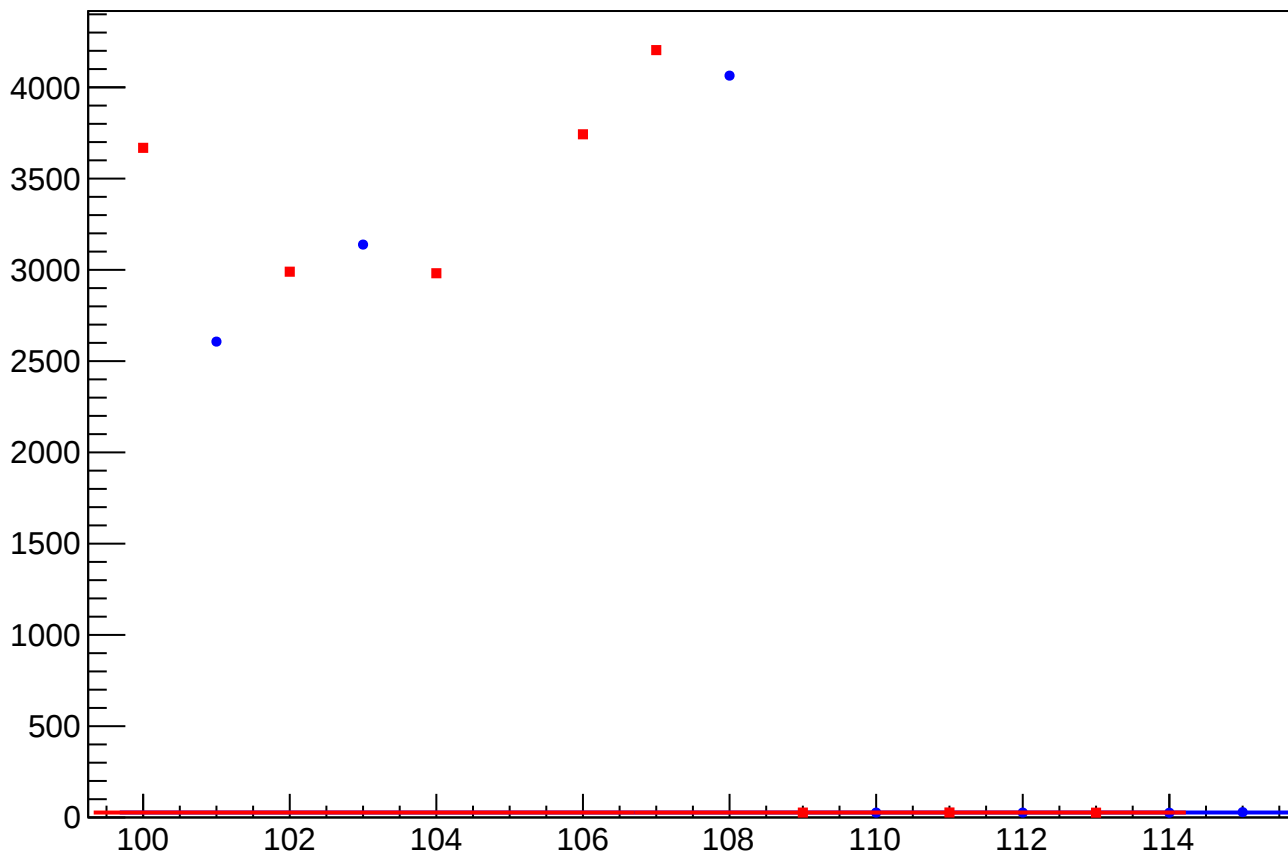
Right: 33.956+/-17.913 χ^2/NDF : 20.8/14

In: 0.039+/-25.791 χ^2/NDF :9.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 33.956+/-17.913 χ^2/NDF : 20.8/14

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.154+/-0.018 χ^2/NDF : 3010209.7/6

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

Right Out: 26.944+/-0.018 χ^2/NDF : 3457239.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

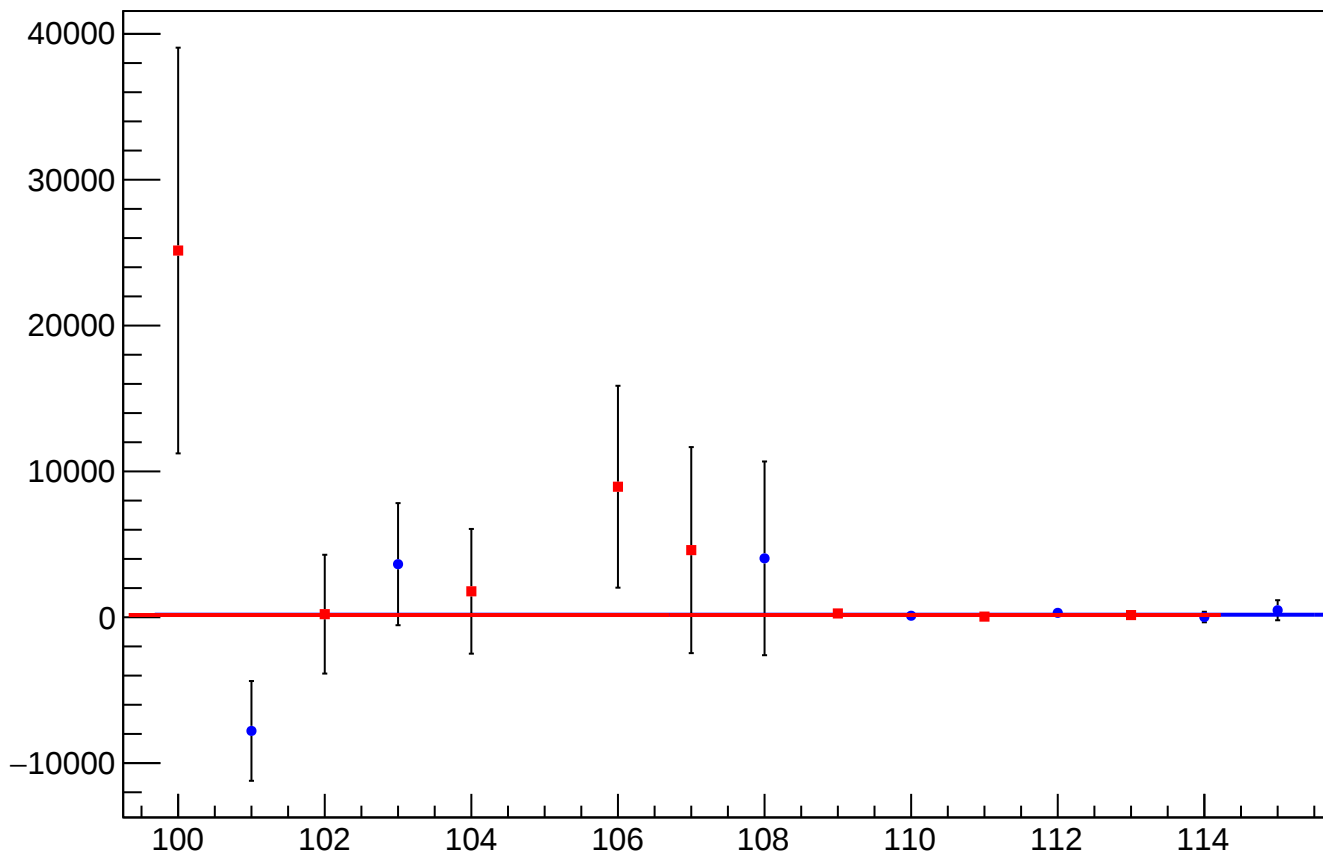
Right: 27.045+/-0.013 χ^2/NDF : 6467518.0/14

In: 27.154+/-0.018 χ^2/NDF : 3010209.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.045+/-0.013 χ^2/NDF : 6467518.0/14

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 173.434+/-133.598 χ^2/NDF : 7.3/6

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

Right Out: 154.010+/-115.650 χ^2/NDF : 5.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

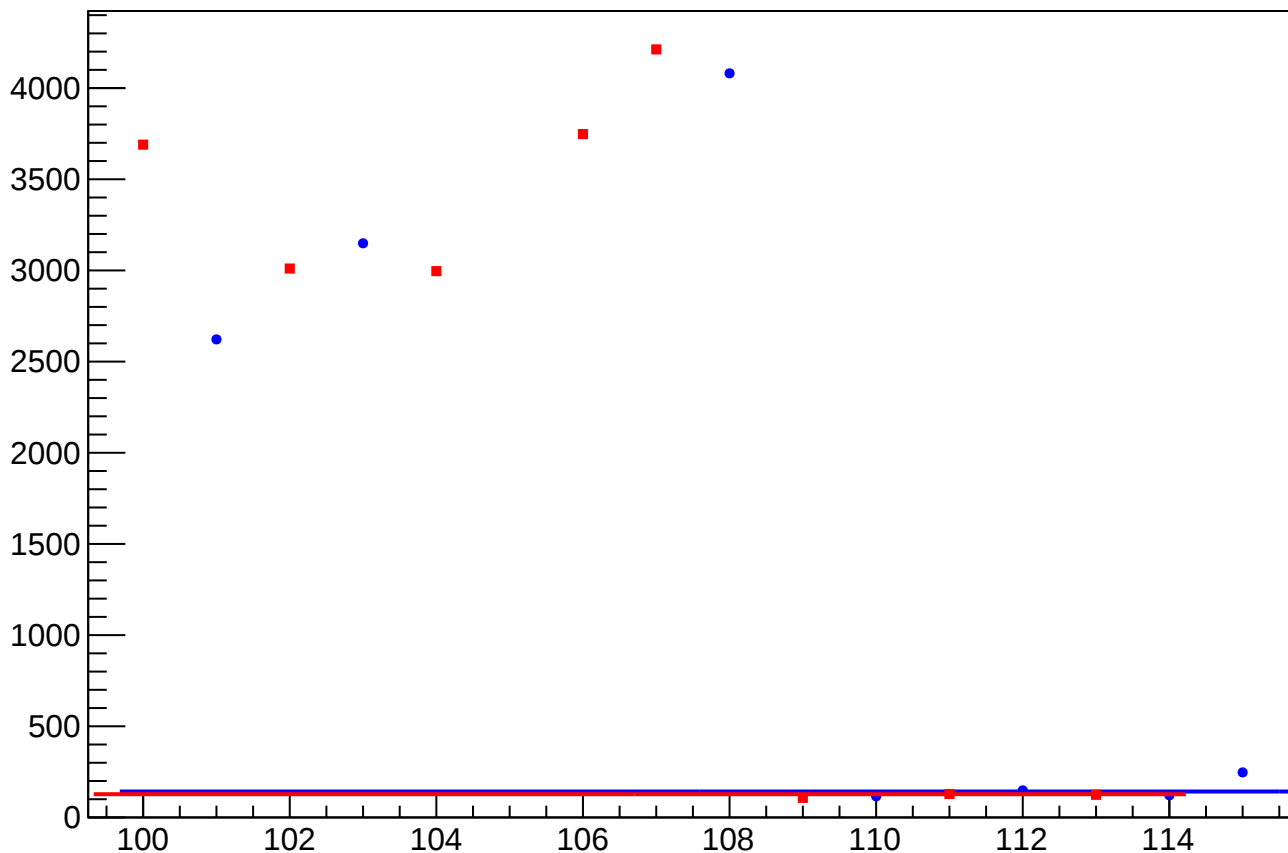
Right: 162.331+/-87.439 χ^2/NDF : 13.3/14

In: 173.434+/-133.598 χ^2/NDF : 7.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.331+/-87.439 χ^2/NDF : 13.3/14

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 142.362 $\pm$ 0.094 χ^2 /NDF: 2875363.4/6

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

Right Out: 127.568 $\pm$ 0.082 χ^2 /NDF: 3267504.5/7

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

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

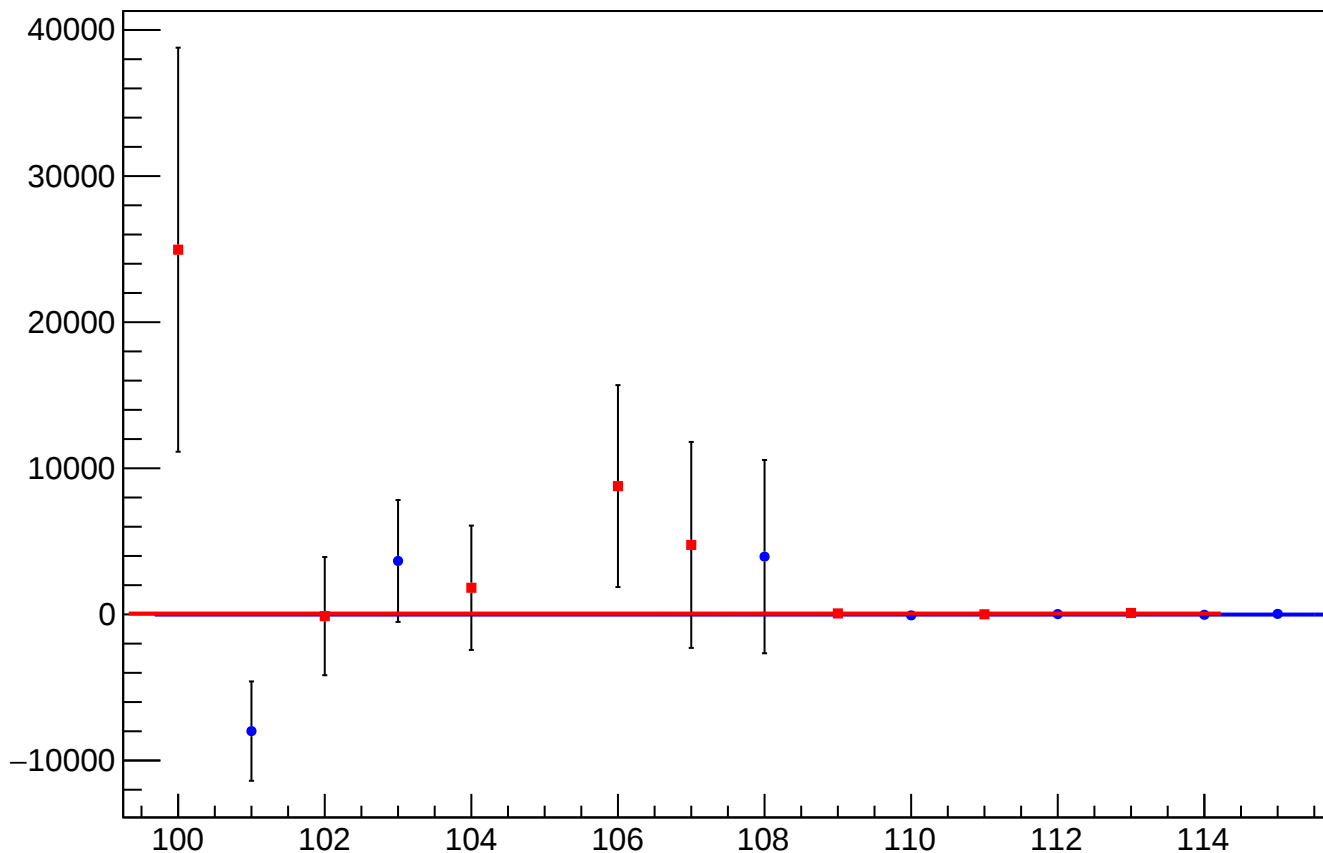
Right: 133.905 $\pm$ 0.062 χ^2 /NDF: 6156888.1/14

In: 142.362 $\pm$ 0.094 χ^2 /NDF:2875363.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 133.905 $\pm$ 0.062 χ^2 /NDF: 6156888.1/14

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -11.619 $\pm$ 25.839 χ^2 /NDF: 9.2/6

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

Right Out: 58.146 $\pm$ 24.965 χ^2 /NDF: 8.0/7

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

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

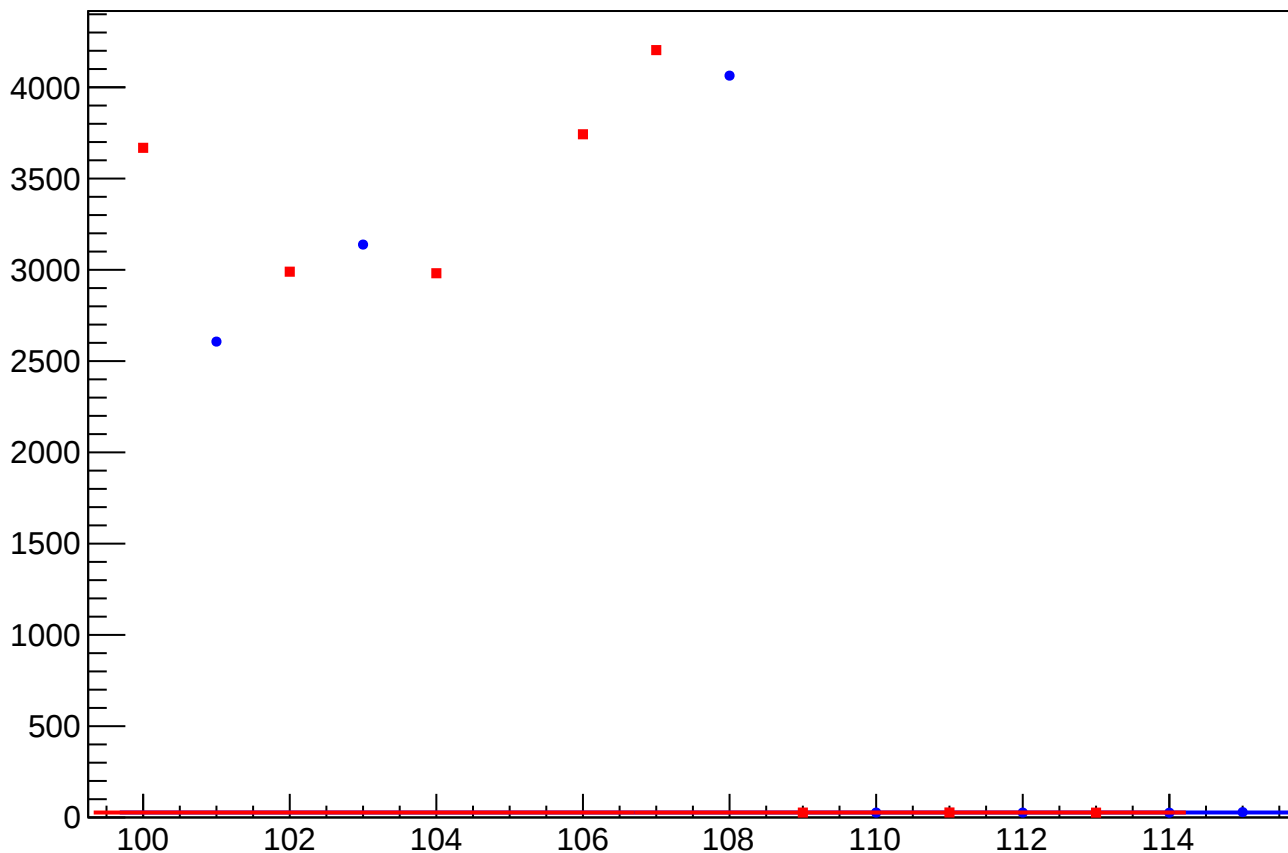
Right: 24.464 $\pm$ 17.954 χ^2 /NDF: 21.0/14

In: -11.619 $\pm$ 25.839 χ^2 /NDF:9.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 24.464 $\pm$ 17.954 χ^2 /NDF: 21.0/14

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.205 $\pm$ 0.018 χ^2 /NDF: 3010124.5/6

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

Right Out: 27.017 $\pm$ 0.018 χ^2 /NDF: 3456901.5/7

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

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

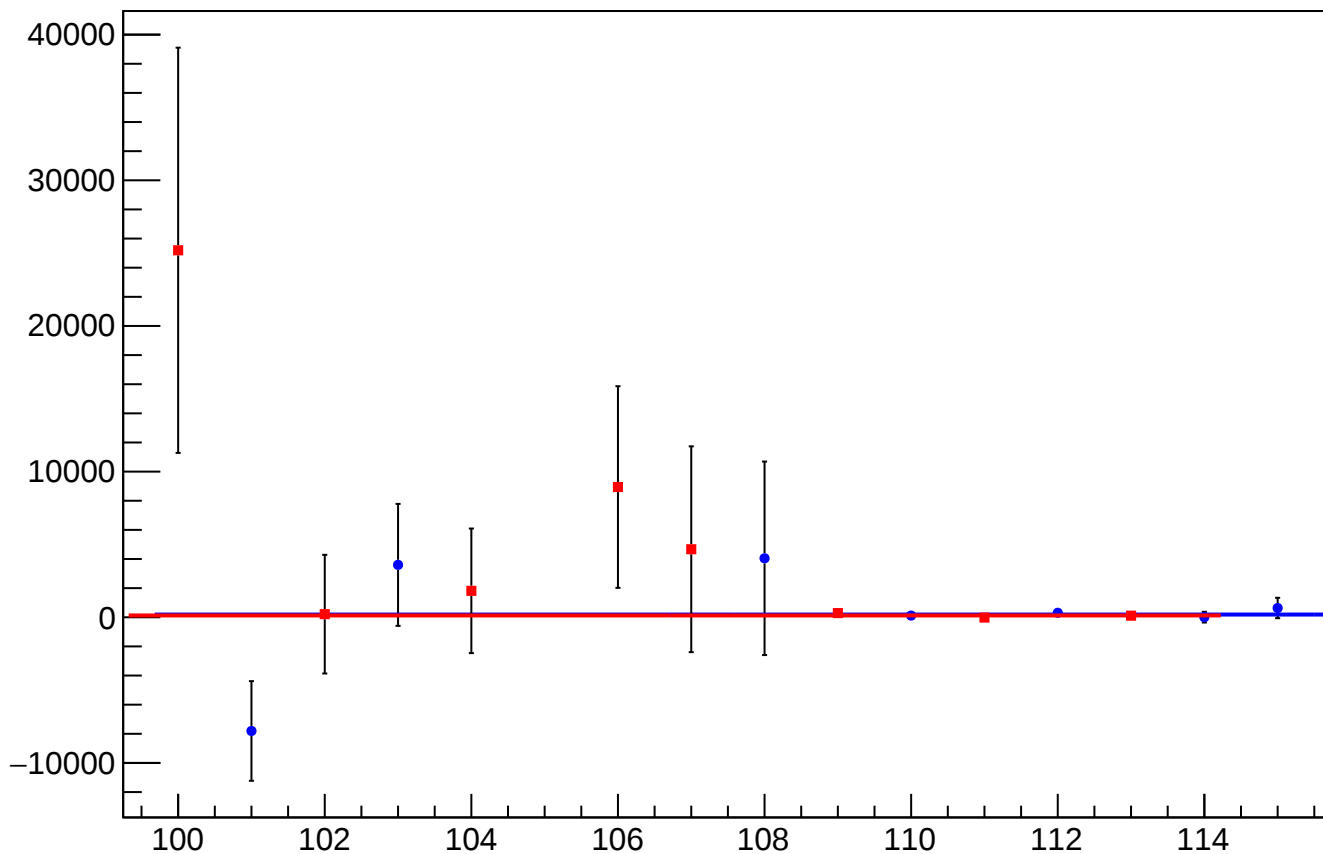
Right: 27.108 $\pm$ 0.013 χ^2 /NDF: 6467081.0/14

In: 27.205 $\pm$ 0.018 χ^2 /NDF:3010124.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 27.108 $\pm$ 0.013 χ^2 /NDF: 6467081.0/14

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 186.825+/-136.391 χ^2/NDF : 7.5/6

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

Right Out: 125.208+/-118.238 χ^2/NDF : 6.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

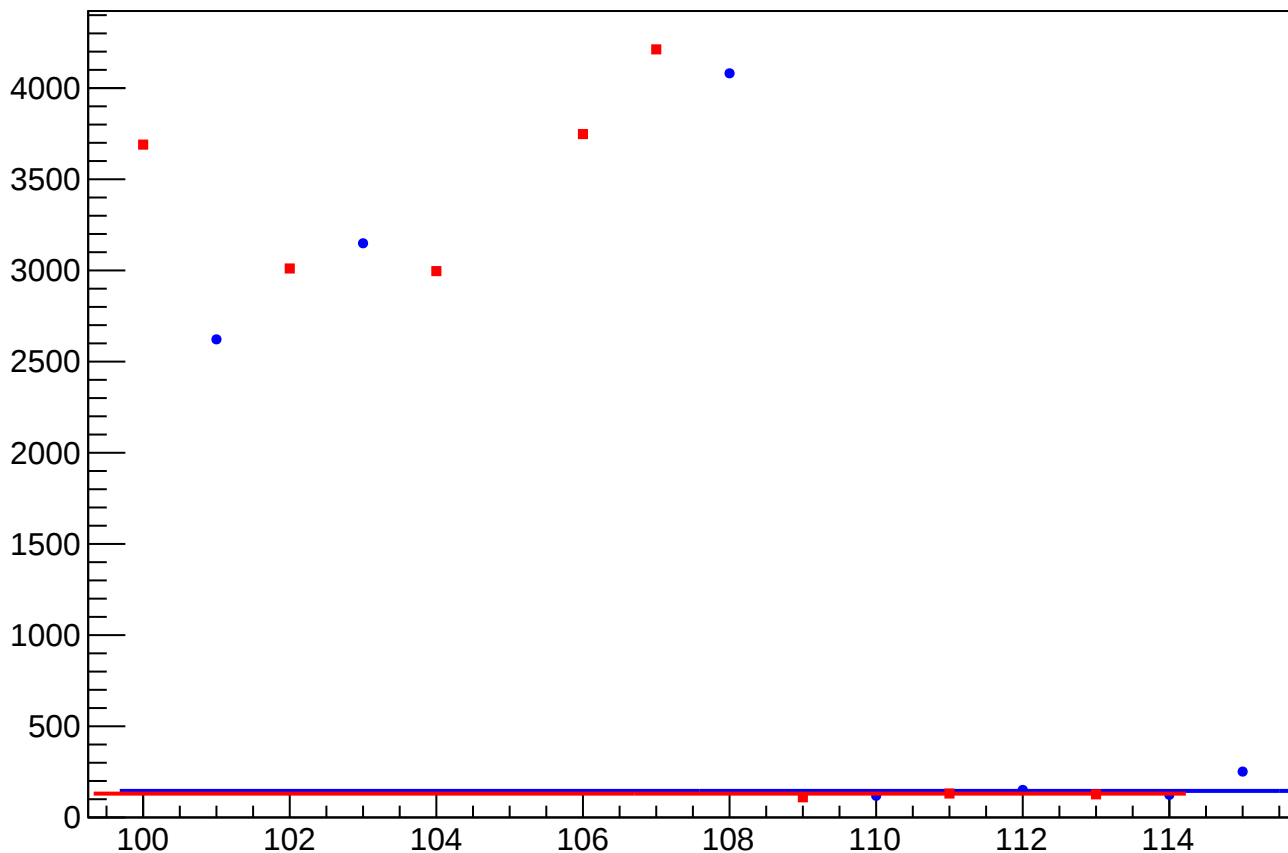
Right: 151.646+/-89.341 χ^2/NDF : 14.1/14

In: 186.825+/-136.391 χ^2/NDF : 7.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.646+/-89.341 χ^2/NDF : 14.1/14

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 145.630+/-0.096 χ^2/NDF : 2867693.8/6

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

Right Out: 130.715+/-0.084 χ^2/NDF : 3260351.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

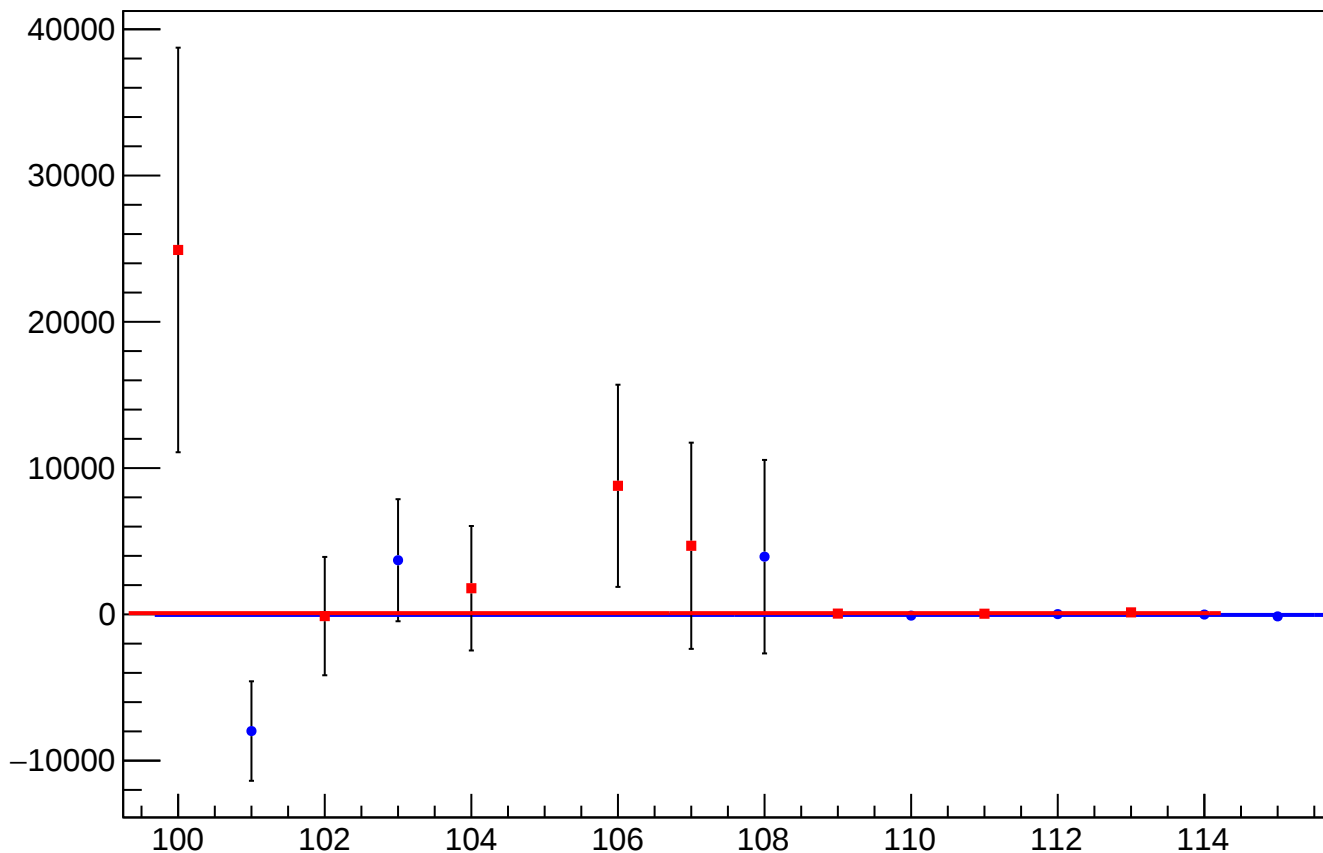
Right: 137.115+/-0.063 χ^2/NDF : 6141700.2/14

In: 145.630+/-0.096 χ^2/NDF : 2867693.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.115+/-0.063 χ^2/NDF : 6141700.2/14

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -37.928 ± 32.007 χ^2/NDF : 9.9/6

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

Right Out: 84.857 ± 30.942 χ^2/NDF : 7.4/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

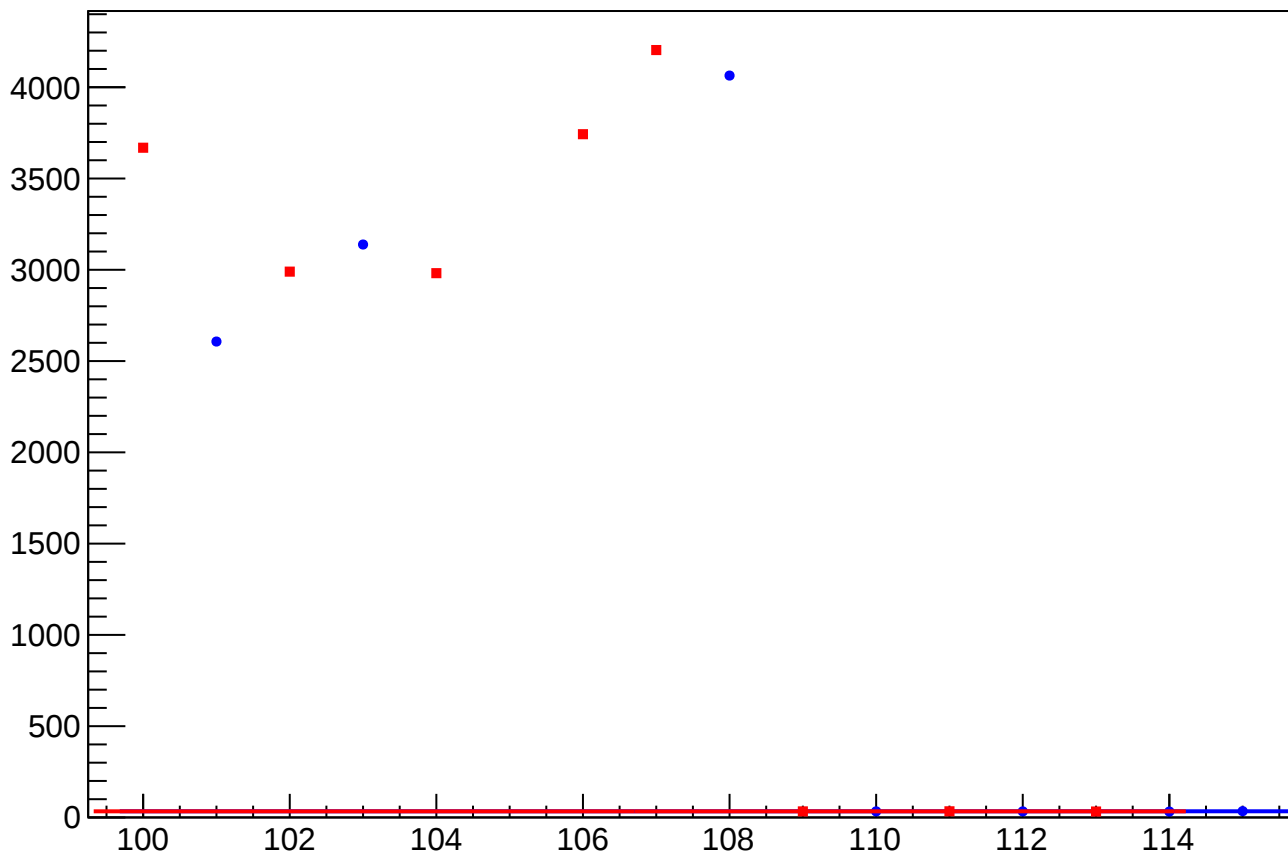
Right: 25.541 ± 22.246 χ^2/NDF : 24.8/14

In: -37.928 ± 32.007 χ^2/NDF : 9.9/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 25.541 ± 22.246 χ^2/NDF : 24.8/14

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 33.824 $\pm$ 0.023 χ^2 /NDF: 2995742.5/6

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

Right Out: 33.600 $\pm$ 0.022 χ^2 /NDF: 3443321.3/7

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

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

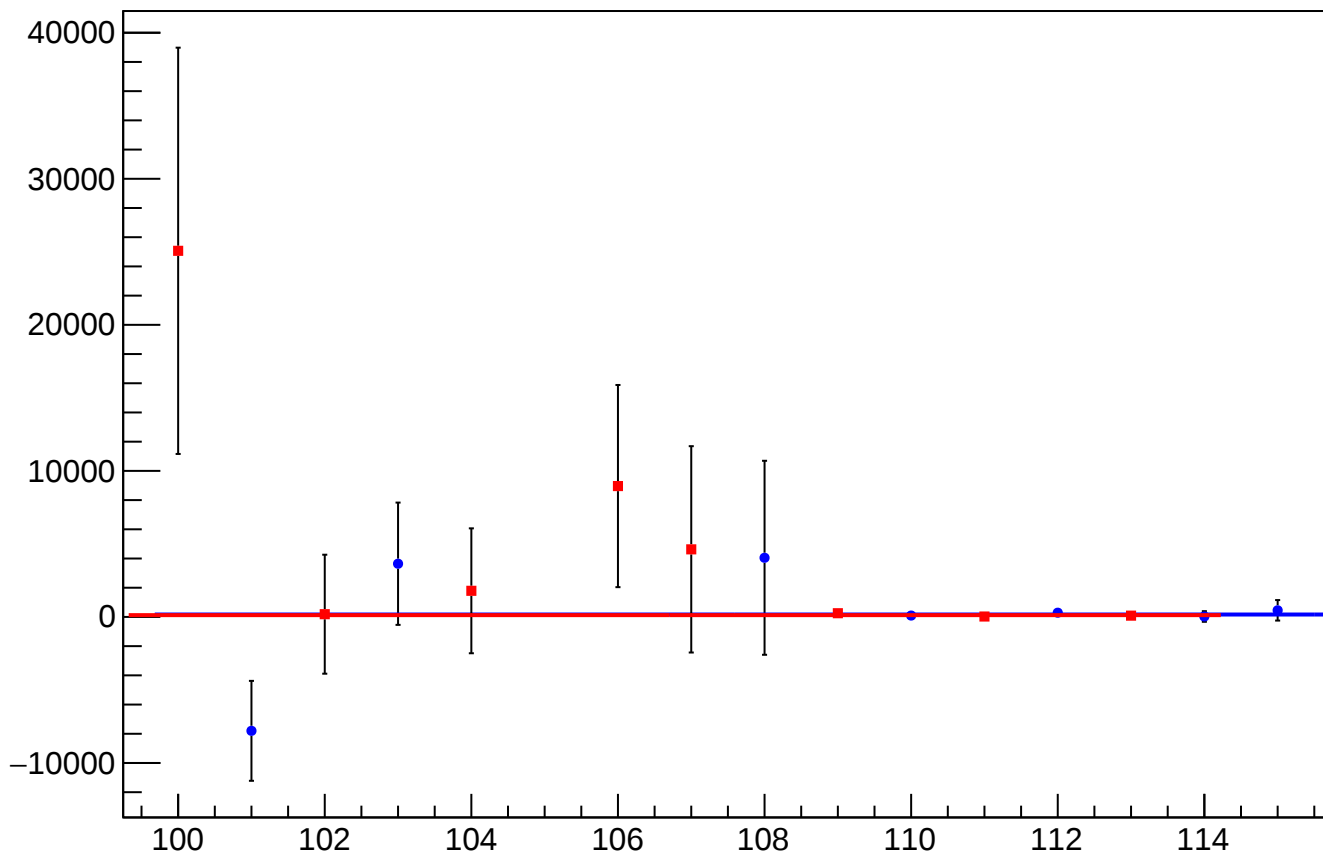
Right: 33.708 $\pm$ 0.016 χ^2 /NDF: 6439114.6/14

In: 33.824 $\pm$ 0.023 χ^2 /NDF: 2995742.5/6

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

All: 33.708 $\pm$ 0.016 χ^2 /NDF: 6439114.6/14

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 165.651+/-134.628 χ^2/NDF : 7.2/6

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

Right Out: 123.173+/-116.563 χ^2/NDF : 6.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

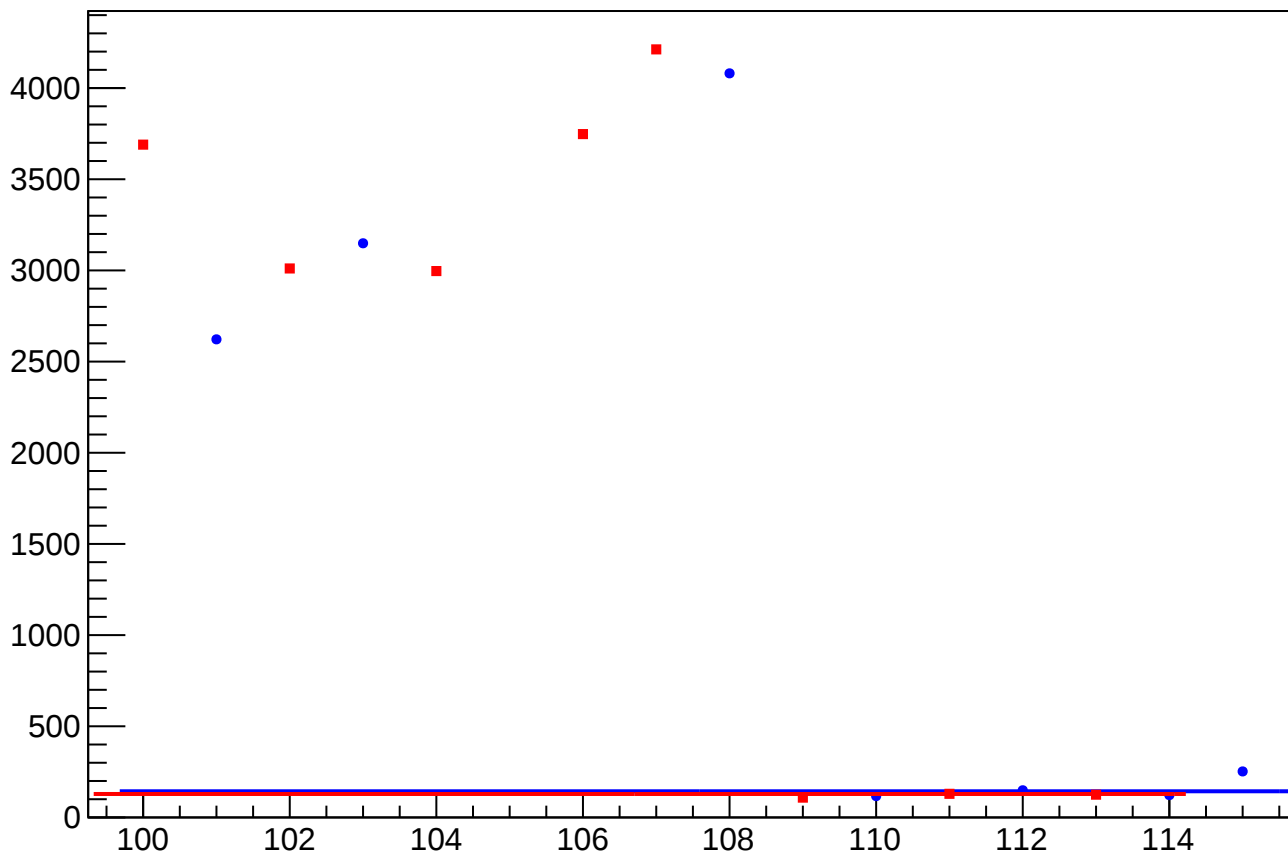
Right: 141.373+/-88.123 χ^2/NDF : 13.3/14

In: 165.651+/-134.628 χ^2/NDF : 7.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.373+/-88.123 χ^2/NDF : 13.3/14

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 143.544+/-0.095 χ^2/NDF : 2873814.2/6

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

Right Out: 128.724+/-0.082 χ^2/NDF : 3264574.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

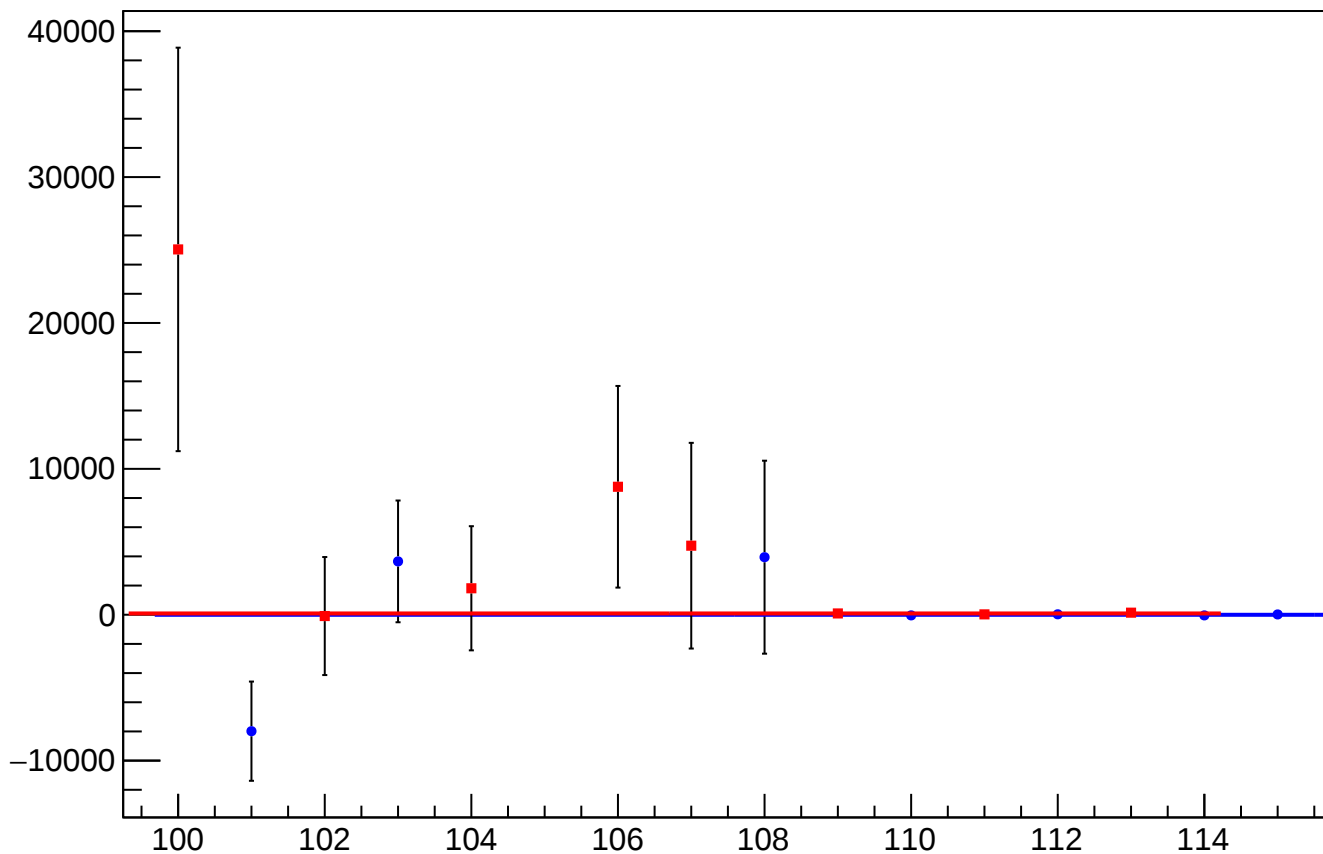
Right: 135.074+/-0.062 χ^2/NDF : 6152240.0/14

In: 143.544+/-0.095 χ^2/NDF : 2873814.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.074+/-0.062 χ^2/NDF : 6152240.0/14

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.271+/-29.941 χ^2/NDF : 8.1/6

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

Right Out: 87.711+/-28.997 χ^2/NDF : 8.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

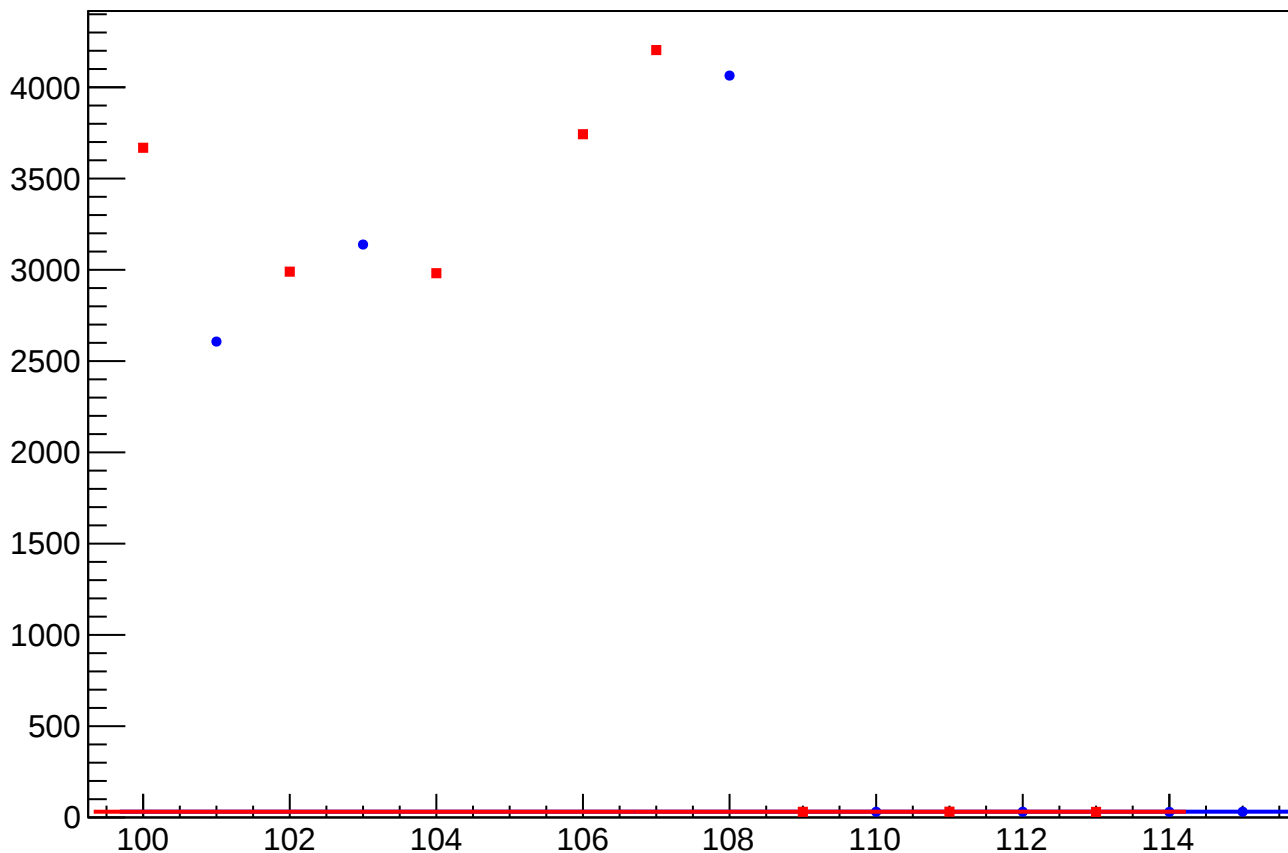
Right: 43.193+/-20.829 χ^2/NDF : 21.5/14

In: -4.271+/-29.941 χ^2/NDF : 8.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.193+/-20.829 χ^2/NDF : 21.5/14

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 31.613 $\pm$ 0.021 χ^2 /NDF: 2999618.1/6

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

Right Out: 31.457 $\pm$ 0.021 χ^2 /NDF: 3447819.2/7

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

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

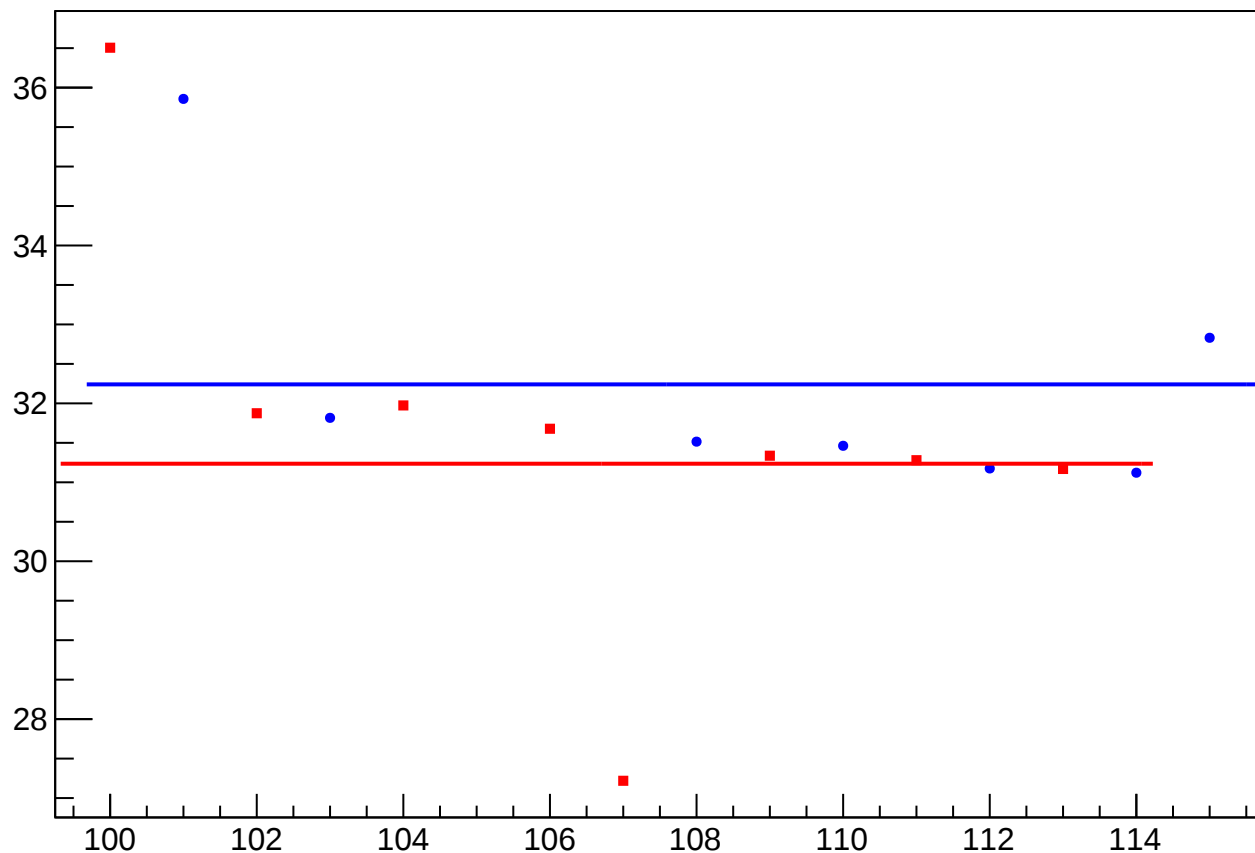
Right: 31.532 $\pm$ 0.015 χ^2 /NDF: 6447465.3/14

In: 31.613 $\pm$ 0.021 χ^2 /NDF:2999618.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 31.532 $\pm$ 0.015 χ^2 /NDF: 6447465.3/14

yield_usl_mean vs Slug, Sign Corrected



Right In: 32.240+/-0.000 χ^2/NDF : 964401602.9/6

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

Right Out: 31.235+/-0.000 χ^2/NDF : 354633404.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

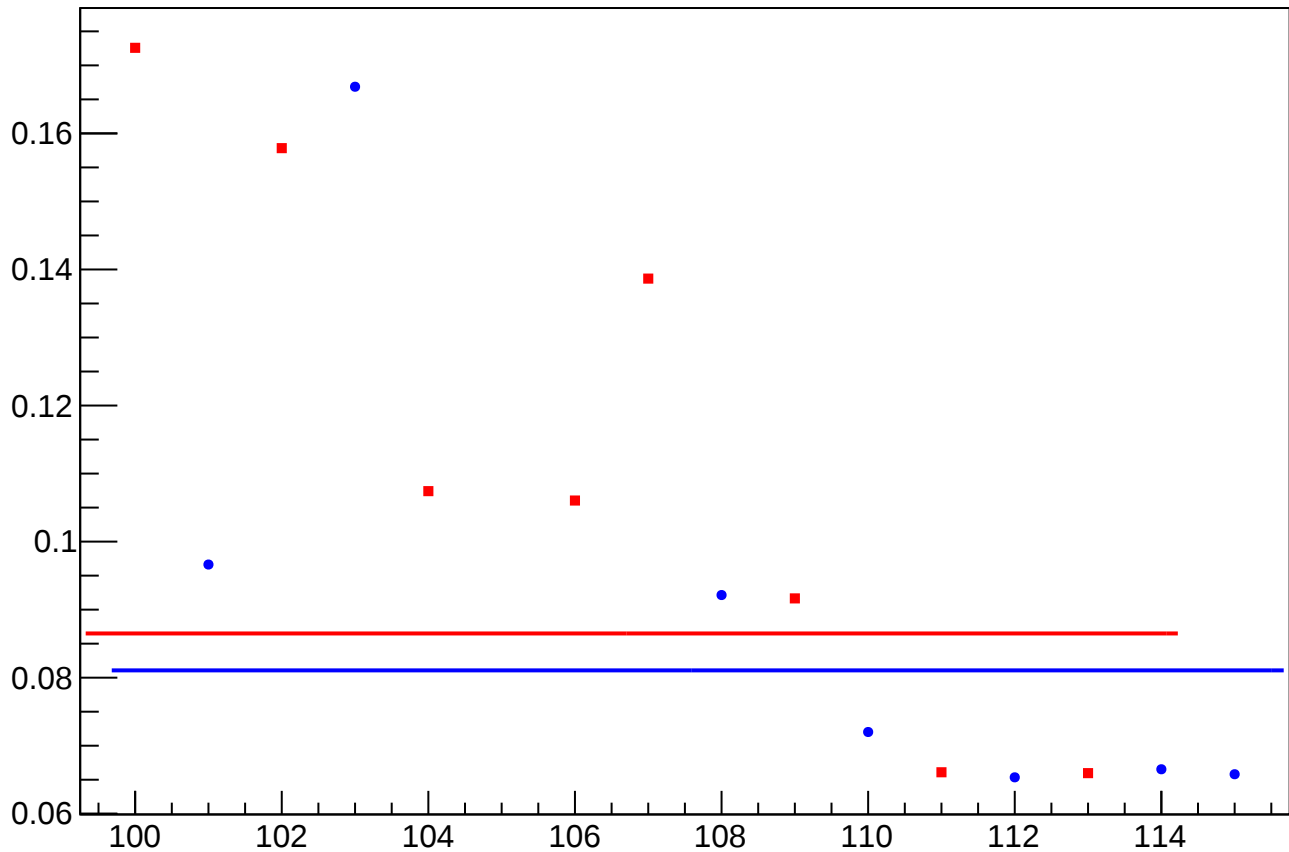
Right: 31.733+/-0.000 χ^2/NDF : 1488940546.9/14

In: 32.240+/-0.000 χ^2/NDF : 964401602.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.733+/-0.000 χ^2/NDF : 1488940546.9/14

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.081+/-0.000 χ^2/NDF : 411674.1/6

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

Right Out: 0.086+/-0.000 χ^2/NDF : 537308.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

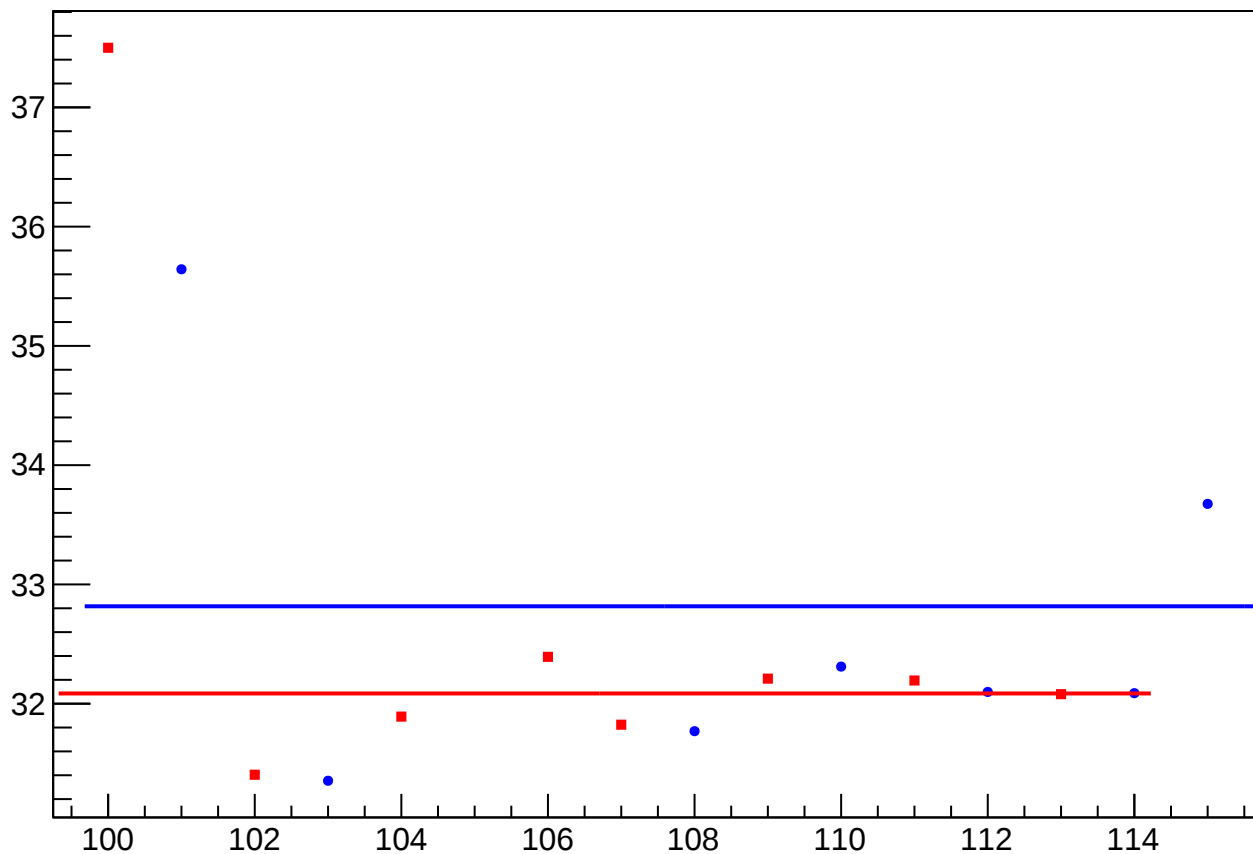
Right: 0.084+/-0.000 χ^2/NDF : 958891.0/14

In: 0.081+/-0.000 χ^2/NDF :411674.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.084+/-0.000 χ^2/NDF : 958891.0/14

yield_usr_mean vs Slug, Sign Corrected



Right In: 32.817+/-0.000 χ^2/NDF : 452723941.2/6

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

Right Out: 32.086+/-0.000 χ^2/NDF : 54301069.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

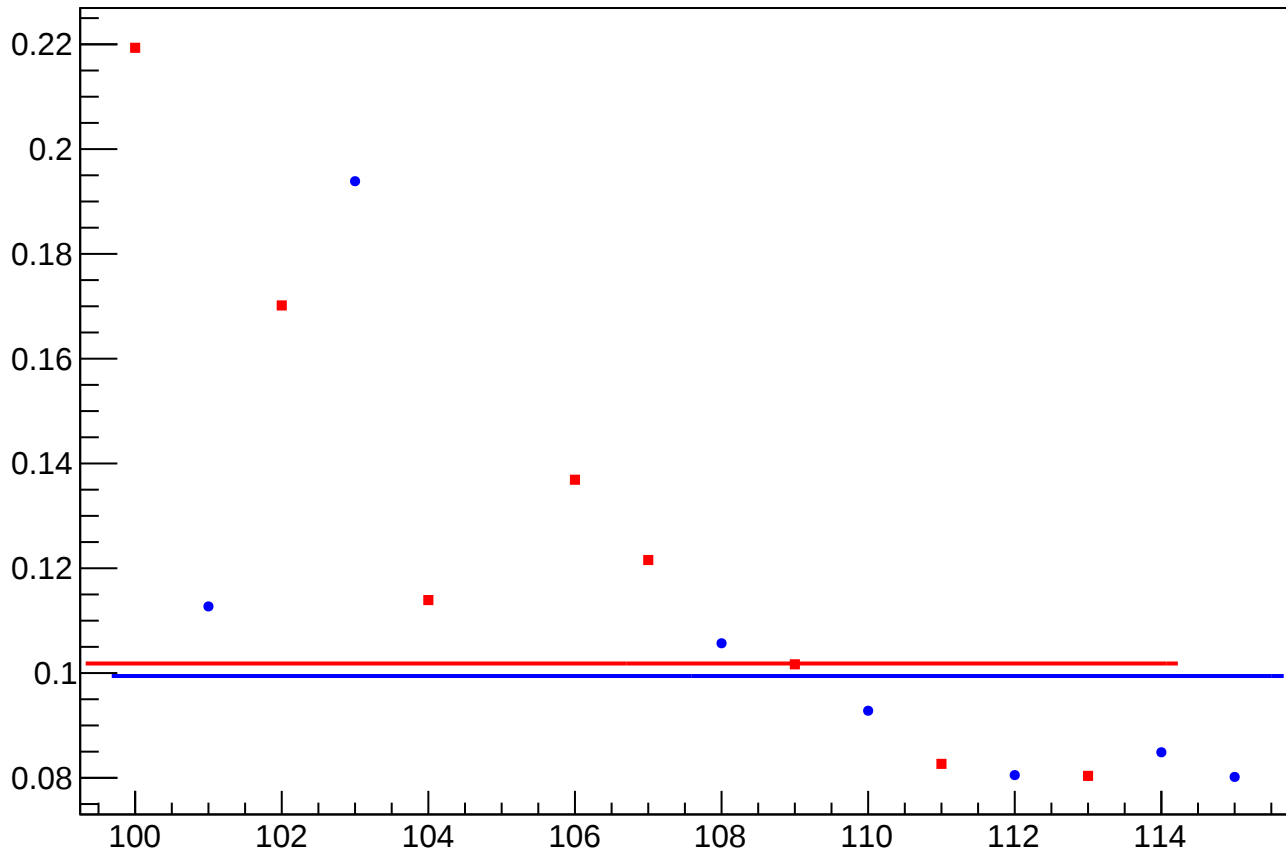
Right: 32.428+/-0.000 χ^2/NDF : 569984216.5/14

In: 32.817+/-0.000 χ^2/NDF : 452723941.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.428+/-0.000 χ^2/NDF : 569984216.5/14

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.099+/-0.000 χ^2/NDF : 349319.7/6

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

Right Out: 0.102+/-0.000 χ^2/NDF : 361231.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

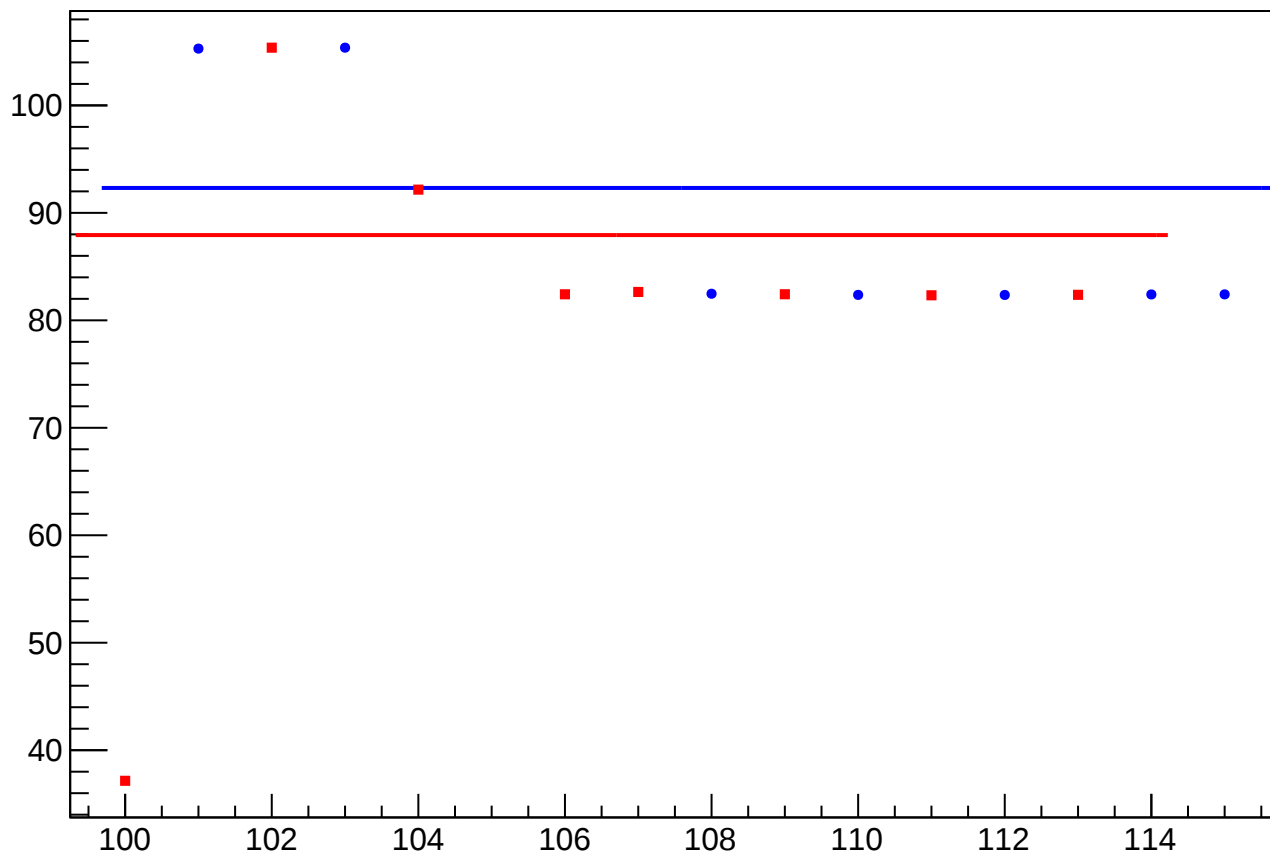
Right: 0.101+/-0.000 χ^2/NDF : 711900.7/14

In: 0.099+/-0.000 χ^2/NDF : 349319.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

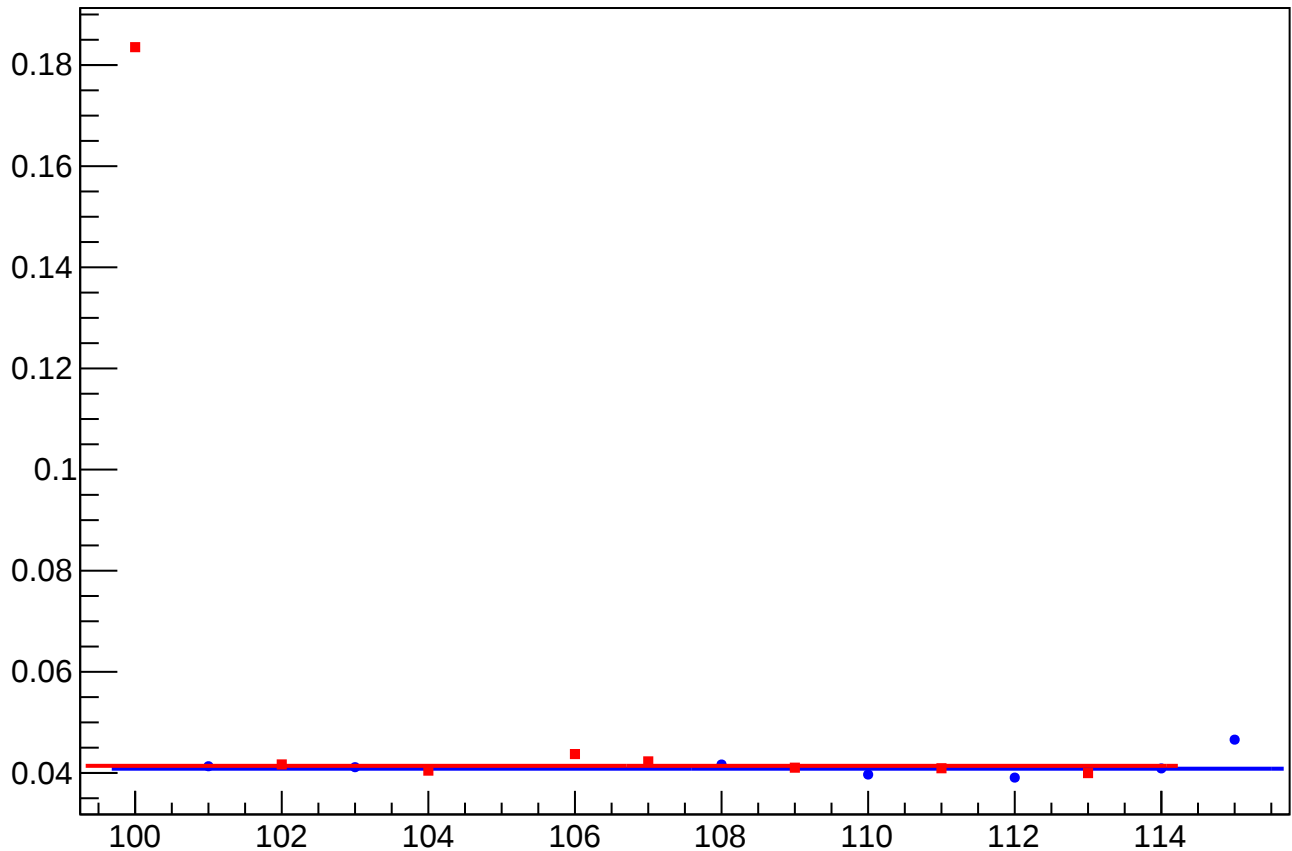
All: 0.101+/-0.000 χ^2/NDF : 711900.7/14

yield_dsl_mean vs Slug, Sign Corrected



Right In: 92.318+/-0.000 χ^2/NDF : 200539195166.0/6
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 87.933+/-0.000 χ^2/NDF : 141646729757.4/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 89.961+/-0.000 χ^2/NDF : 358251362150.7/14
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 89.961+/-0.000 χ^2/NDF : 358251362150.7/14
 In: 92.318+/-0.000 χ^2/NDF : 200539195166.0/6
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.041+/-0.000 χ^2/NDF : 7183.9/6

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

Right Out: 0.041+/-0.000 χ^2/NDF : 87520.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

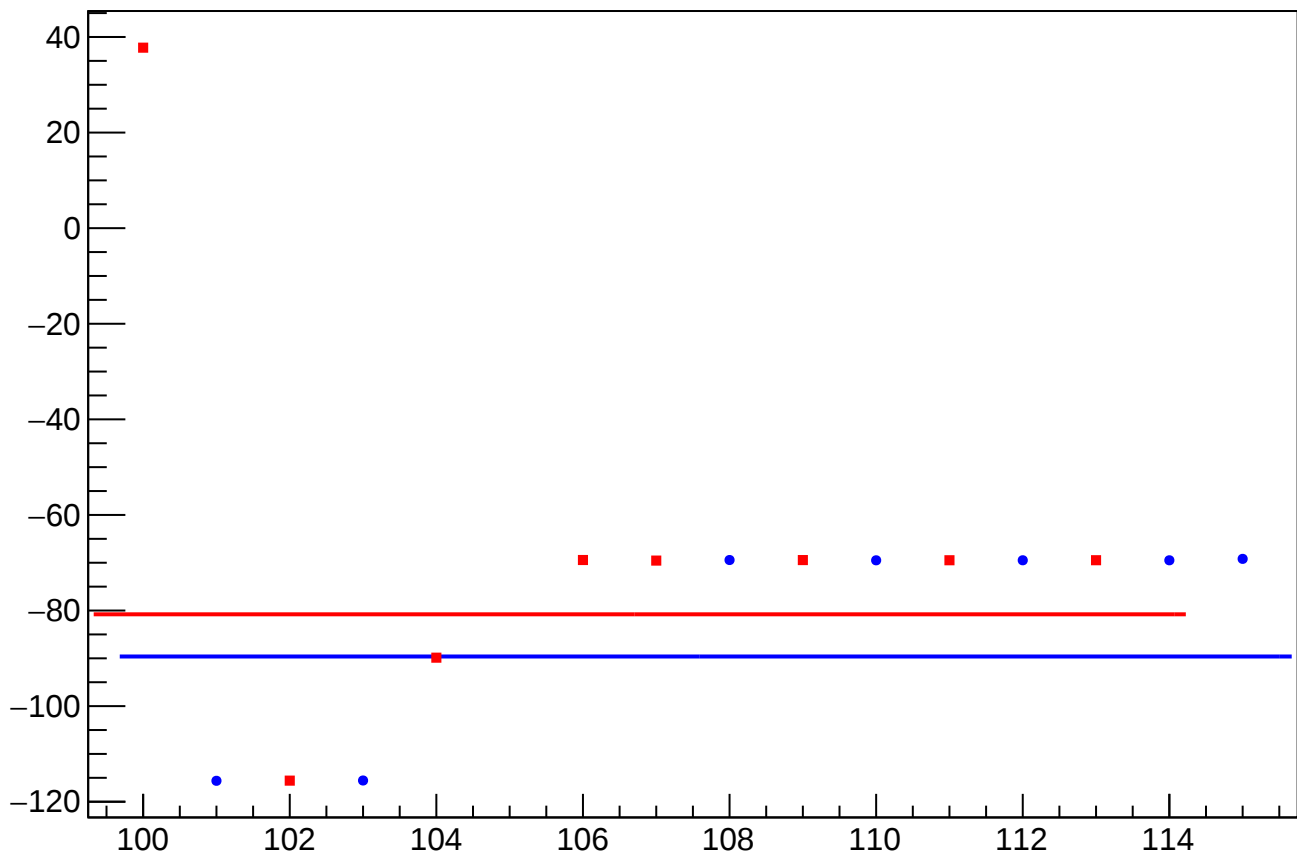
Right: 0.041+/-0.000 χ^2/NDF : 95243.8/14

In: 0.041+/-0.000 χ^2/NDF : 7183.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.041+/-0.000 χ^2/NDF : 95243.8/14

yield_dsr_mean vs Slug, Sign Corrected



Right In: -89.616 $\pm$ 0.000 χ^2 /NDF: 381000395490.4/6

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

Right Out: -80.790 $\pm$ 0.000 χ^2 /NDF: 306269804530.8/7

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

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

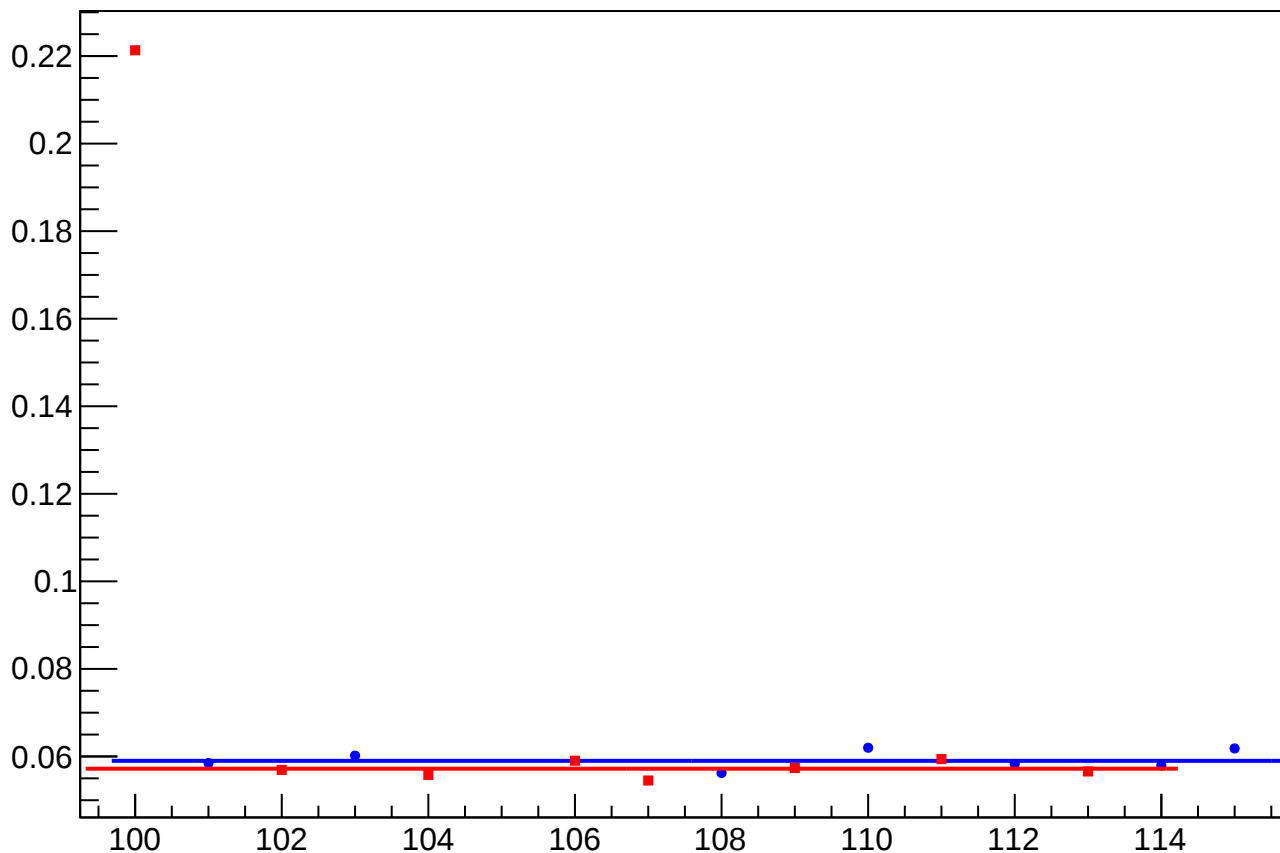
Right: -84.679 $\pm$ 0.000 χ^2 /NDF: 718953771210.5/1

In: -89.616 $\pm$ 0.000 χ^2 /NDF: 381000395490.4/6

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

All: -84.679 $\pm$ 0.000 χ^2 /NDF: 718953771210.5/1

yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.059+/-0.000 χ^2/NDF : 4636.7/6

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

Right Out: 0.057+/-0.000 χ^2/NDF : 78283.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

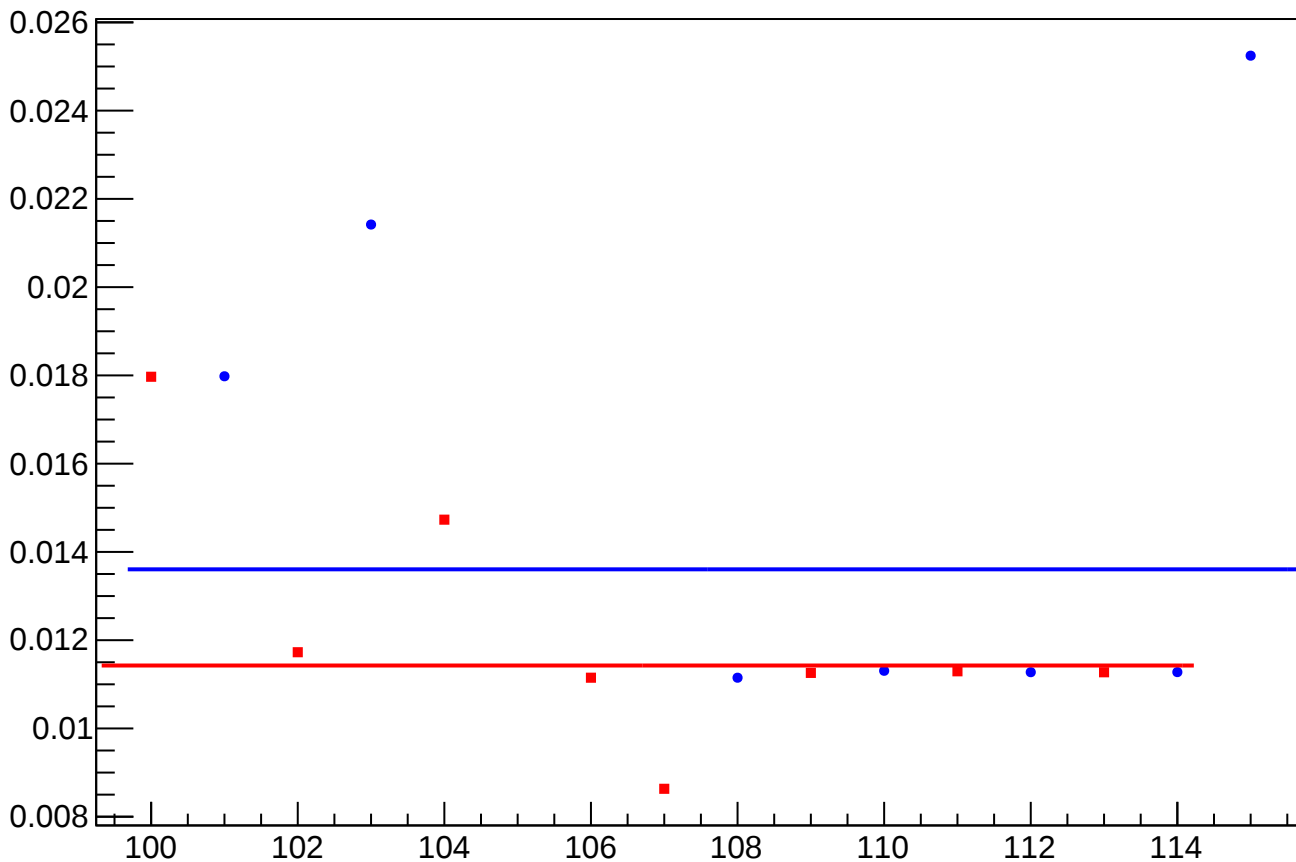
Right: 0.058+/-0.000 χ^2/NDF : 85536.8/14

In: 0.059+/-0.000 χ^2/NDF : 4636.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.058+/-0.000 χ^2/NDF : 85536.8/14

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 9515891135.9/6

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

Right Out: 0.011+/-0.000 χ^2/NDF : 1176993109.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

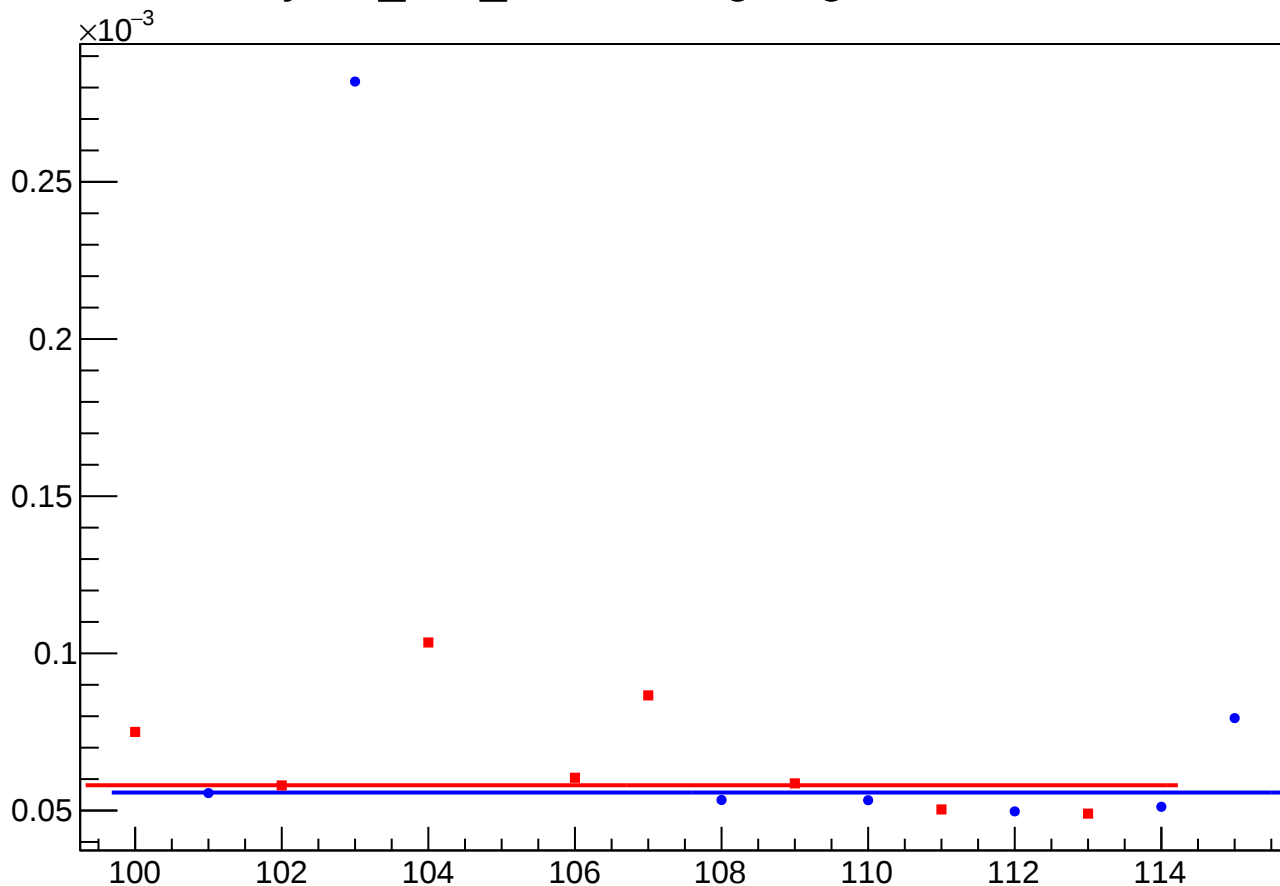
Right: 0.012+/-0.000 χ^2/NDF : 12422719374.7/14

In: 0.014+/-0.000 χ^2/NDF :9515891135.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 12422719374.7/14

yield_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 700431.6/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 244953.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

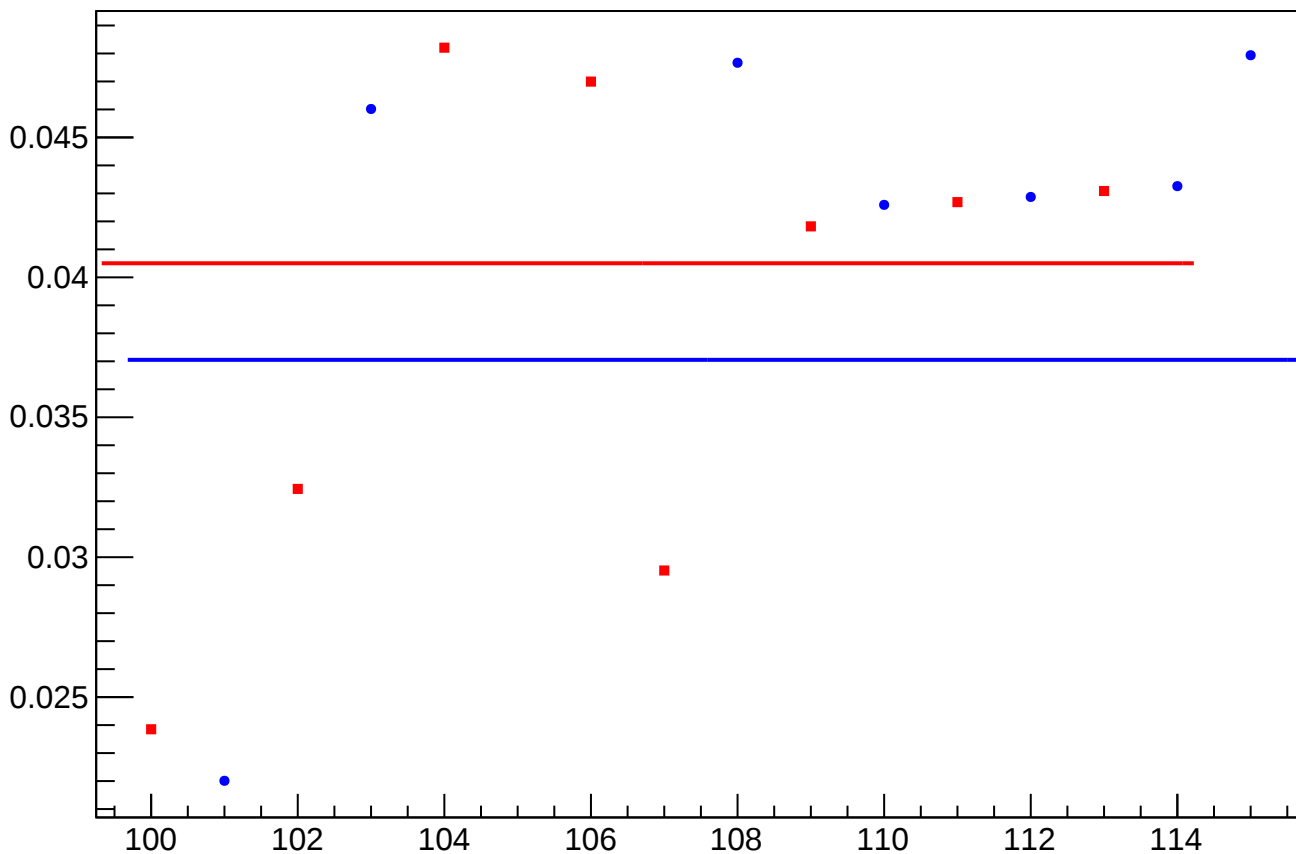
Right: 0.000+/-0.000 χ^2/NDF : 949301.6/14

In: 0.000+/-0.000 χ^2/NDF : 700431.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 949301.6/14

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.037+/-0.000 χ^2/NDF : 1731651957.7/6

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

Right Out: 0.041+/-0.000 χ^2/NDF : 678322870.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

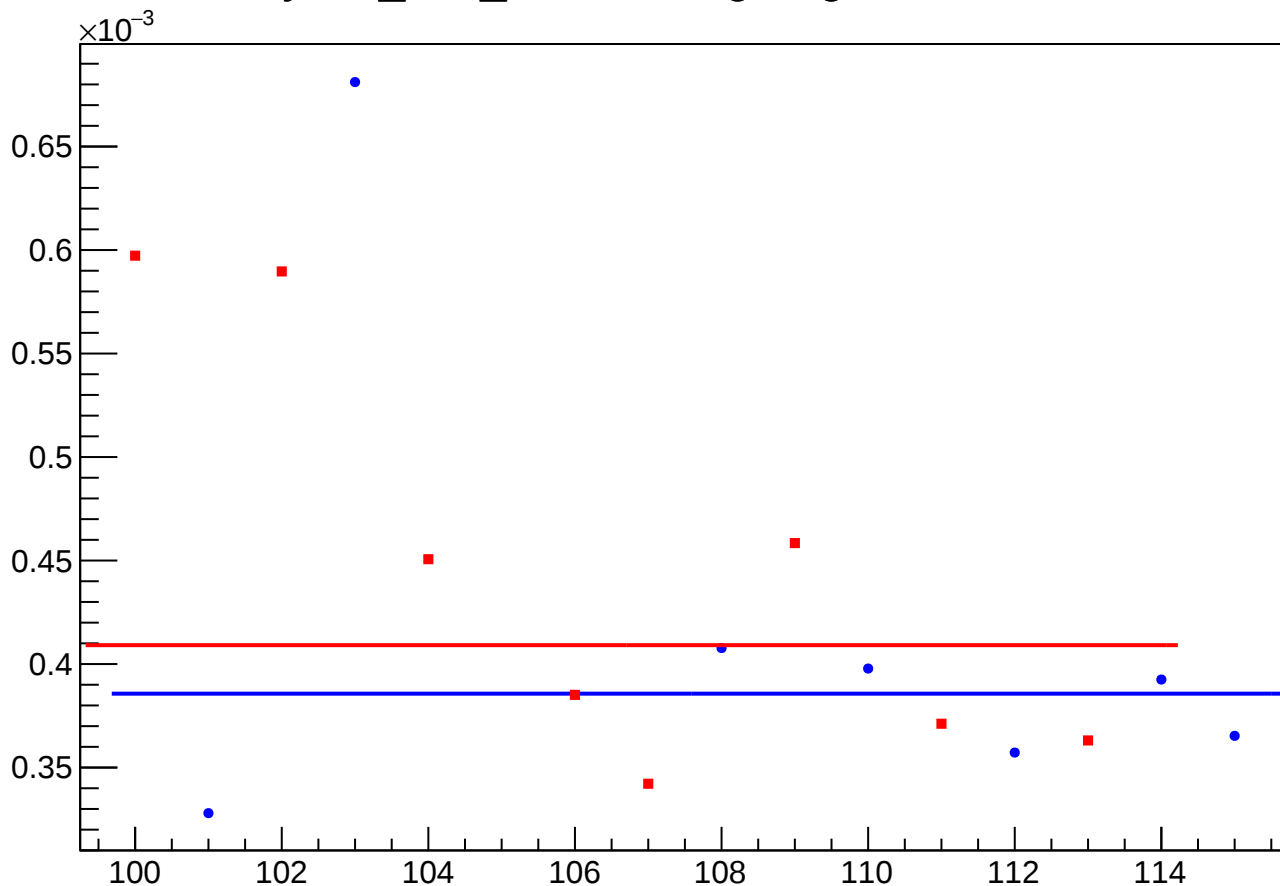
Right: 0.039+/-0.000 χ^2/NDF : 2502026348.7/14

In: 0.037+/-0.000 χ^2/NDF : 1731651957.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.039+/-0.000 χ^2/NDF : 2502026348.7/14

yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 236999.6/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 167050.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

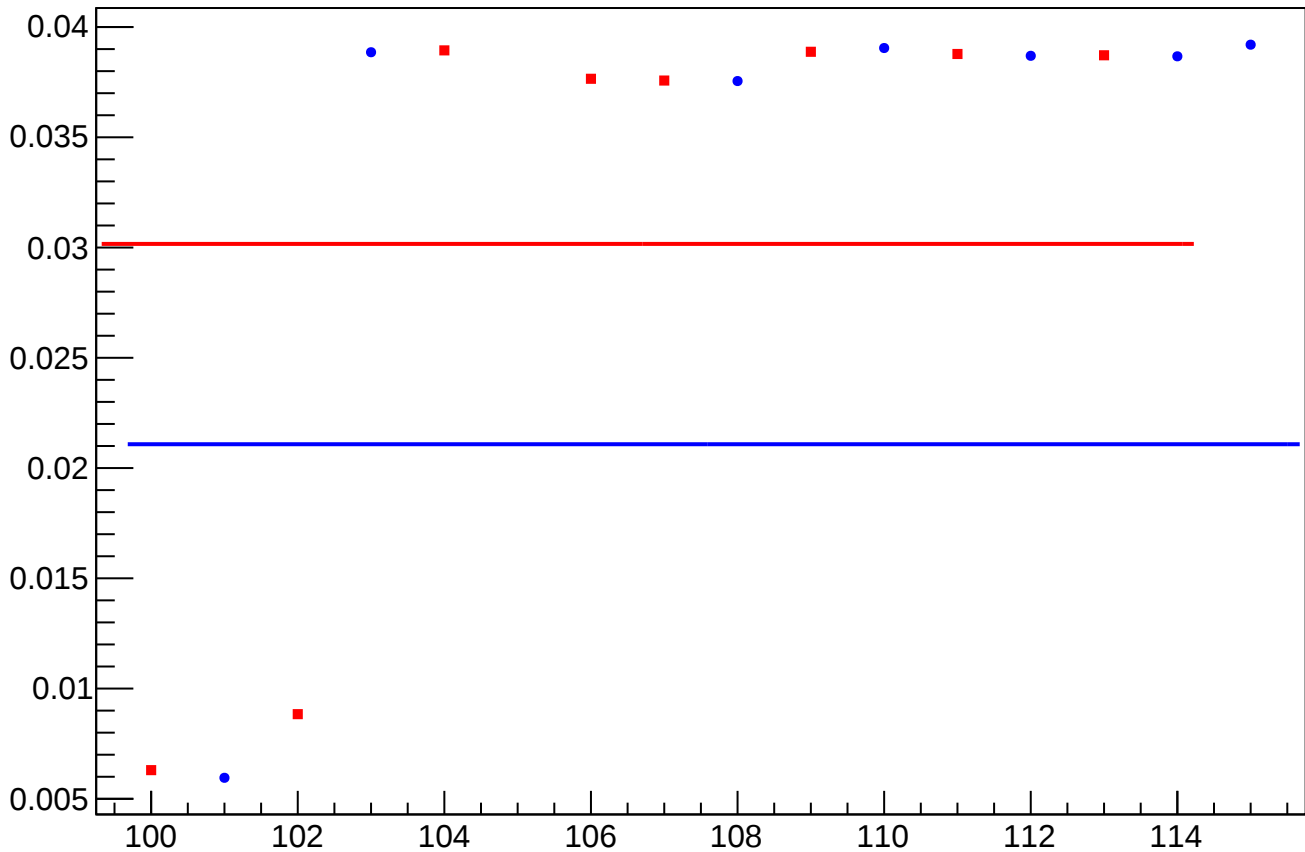
Right: 0.000+/-0.000 χ^2/NDF : 412529.9/14

In: 0.000+/-0.000 χ^2/NDF : 236999.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 412529.9/14

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.000 χ^2/NDF : 61936753780.9/6

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

Right Out: 0.030+/-0.000 χ^2/NDF : 36376124489.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

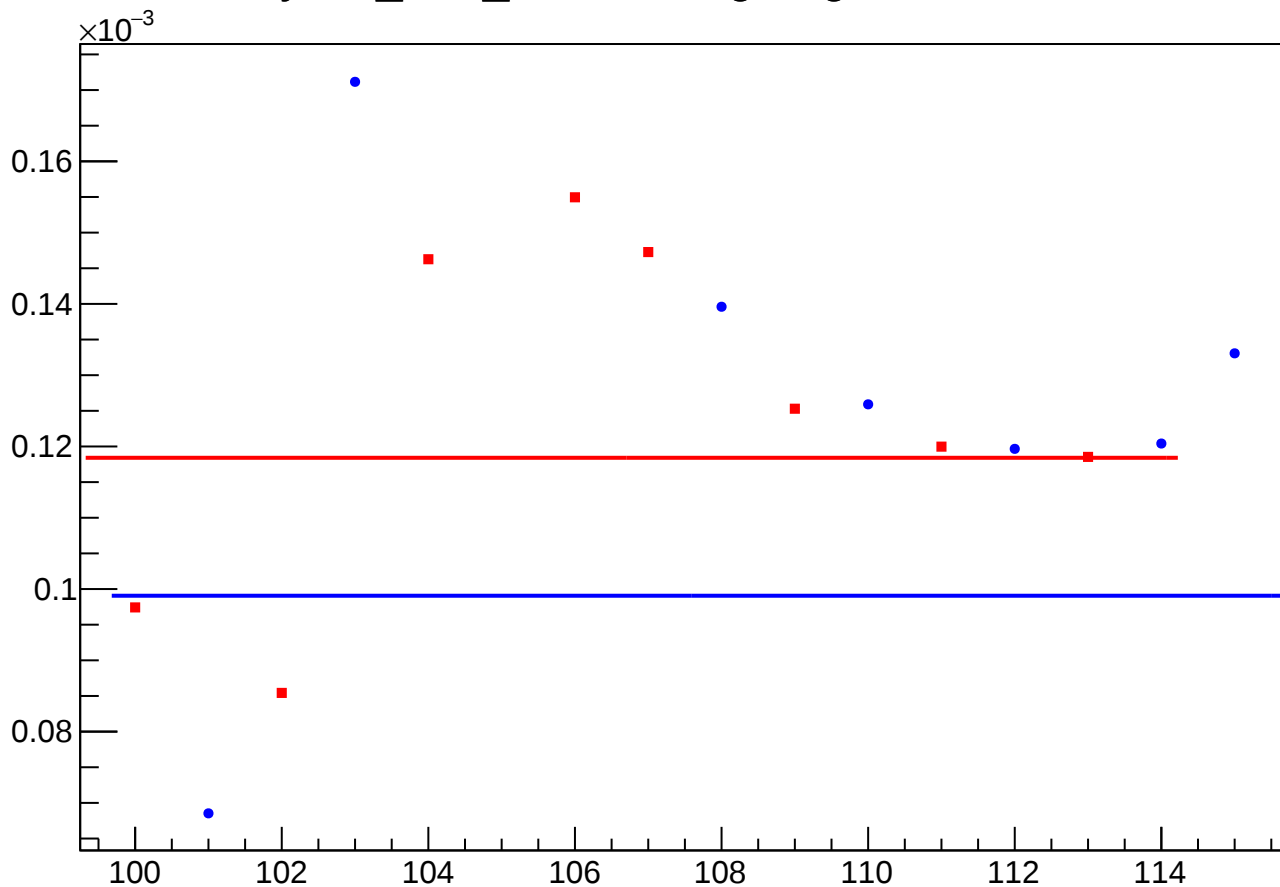
Right: 0.025+/-0.000 χ^2/NDF : 107172971794.4/14

In: 0.021+/-0.000 χ^2/NDF : 61936753780.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.000 χ^2/NDF : 107172971794.4

yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 577910.6/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 206172.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

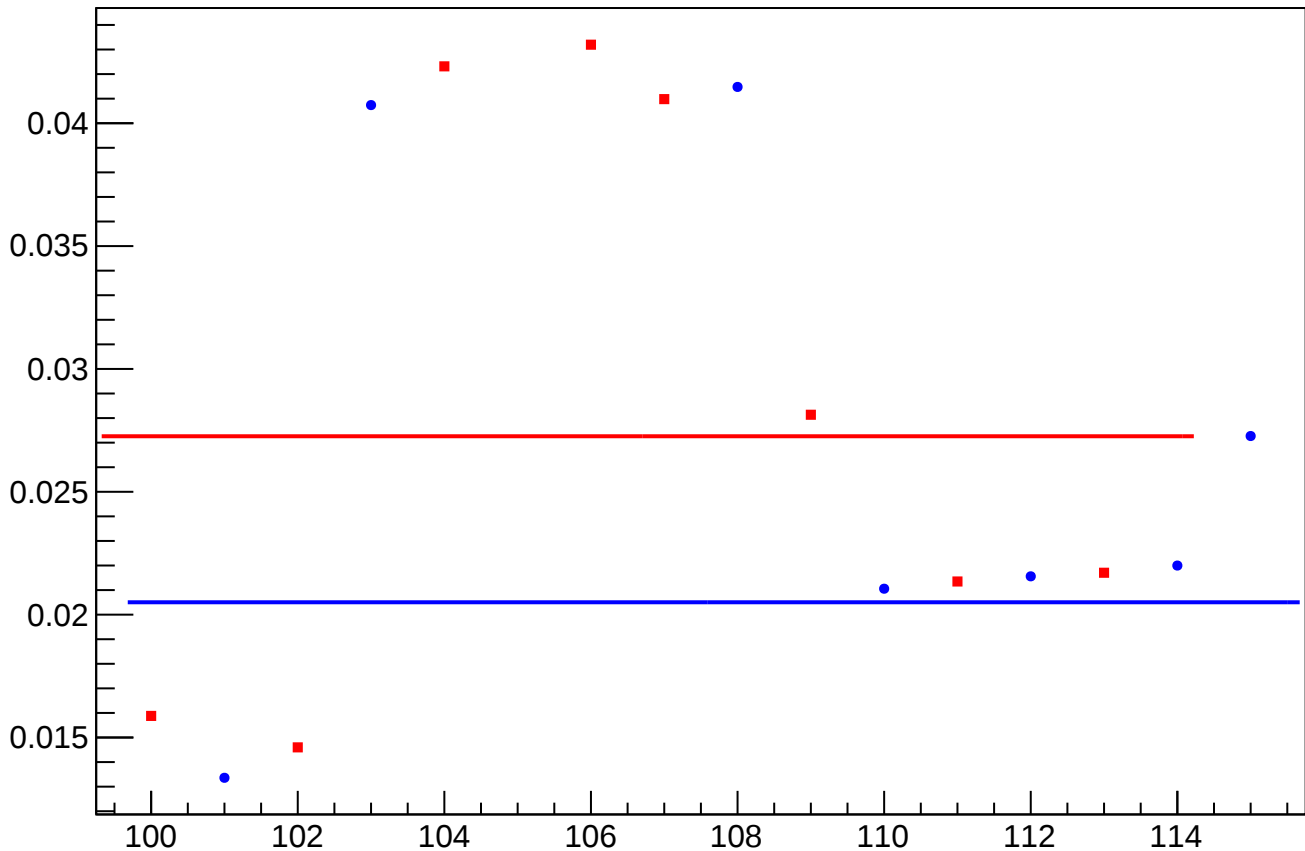
Right: 0.000+/-0.000 χ^2/NDF : 864491.8/14

In: 0.000+/-0.000 χ^2/NDF : 577910.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 864491.8/14

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.000 χ^2/NDF : 2930524060.0/6

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

Right Out: 0.027+/-0.000 χ^2/NDF : 2867523098.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

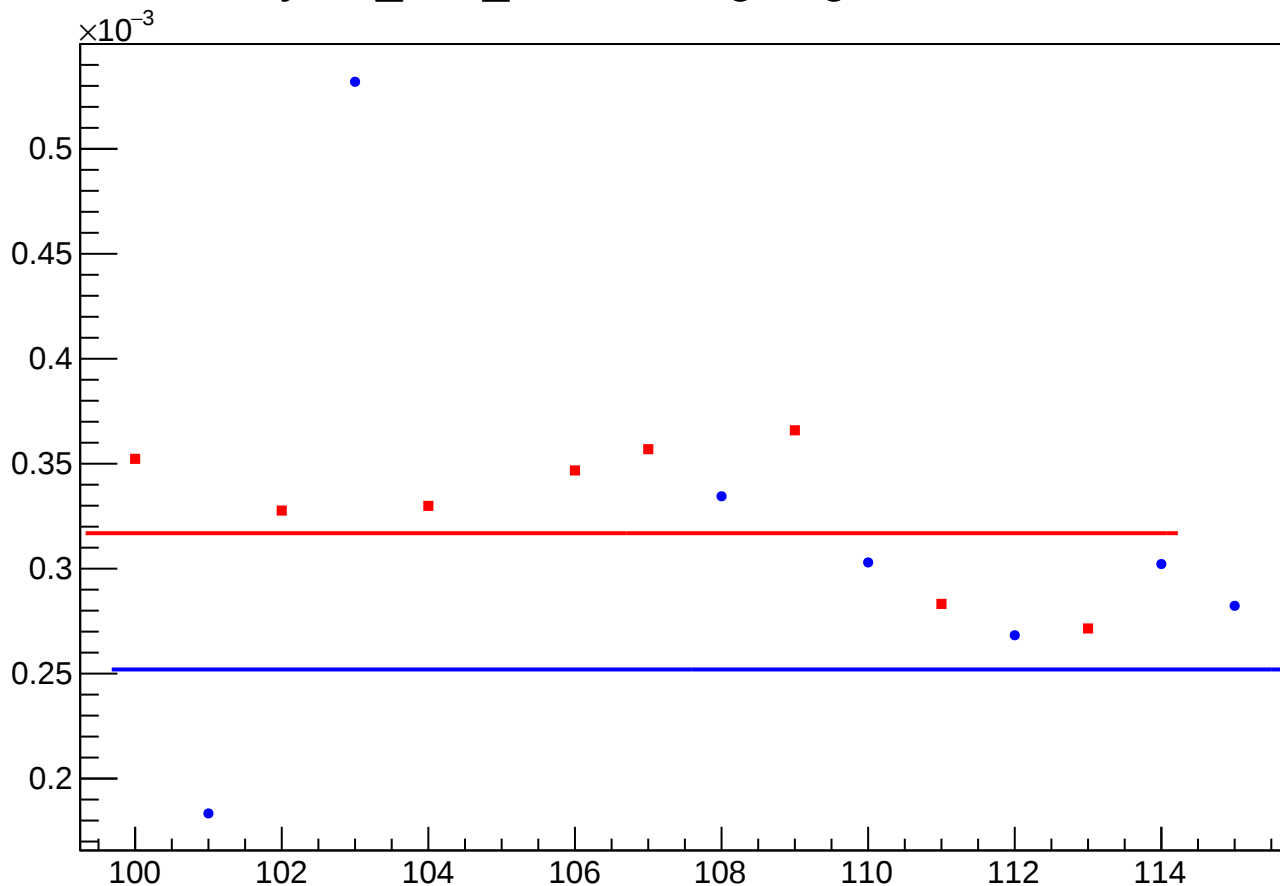
Right: 0.024+/-0.000 χ^2/NDF : 6476025198.5/14

In: 0.021+/-0.000 χ^2/NDF : 2930524060.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 6476025198.5/14

yield_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 508215.1/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 66224.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

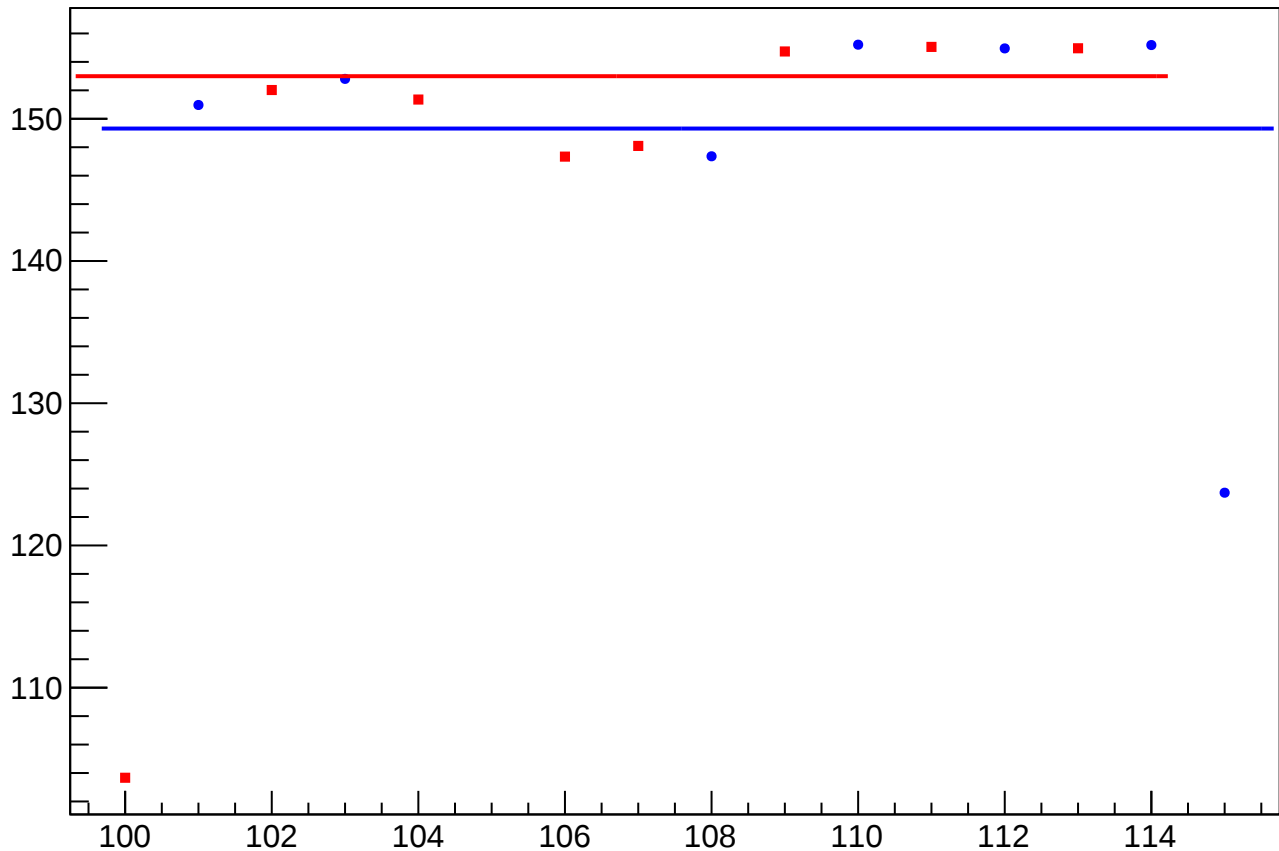
Right: 0.000+/-0.000 χ^2/NDF : 699655.0/14

In: 0.000+/-0.000 χ^2/NDF : 508215.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

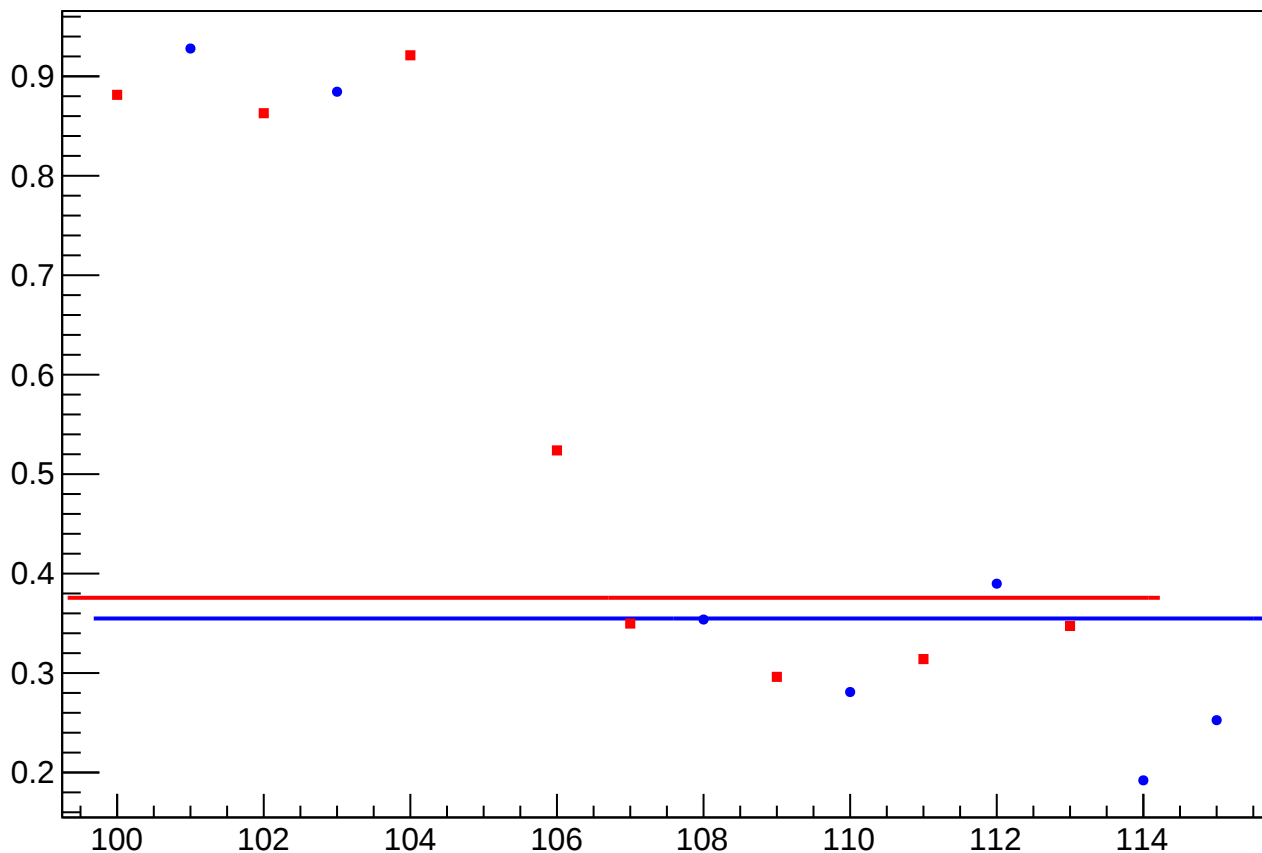
All: 0.000+/-0.000 χ^2/NDF : 699655.0/14

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 149.314 $\pm$ 0.000 χ^2 /NDF: 1607951969.7/6
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 152.994 $\pm$ 0.000 χ^2 /NDF: 360638147.5/7
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 151.295 $\pm$ 0.000 χ^2 /NDF: 2079081004.2/14
 In: 149.314 $\pm$ 0.000 χ^2 /NDF:1607951969.7/6
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 151.295 $\pm$ 0.000 χ^2 /NDF: 2079081004.2

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.355+/-0.000 χ^2/NDF : 1053797.5/6

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

Right Out: 0.376+/-0.000 χ^2/NDF : 864474.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

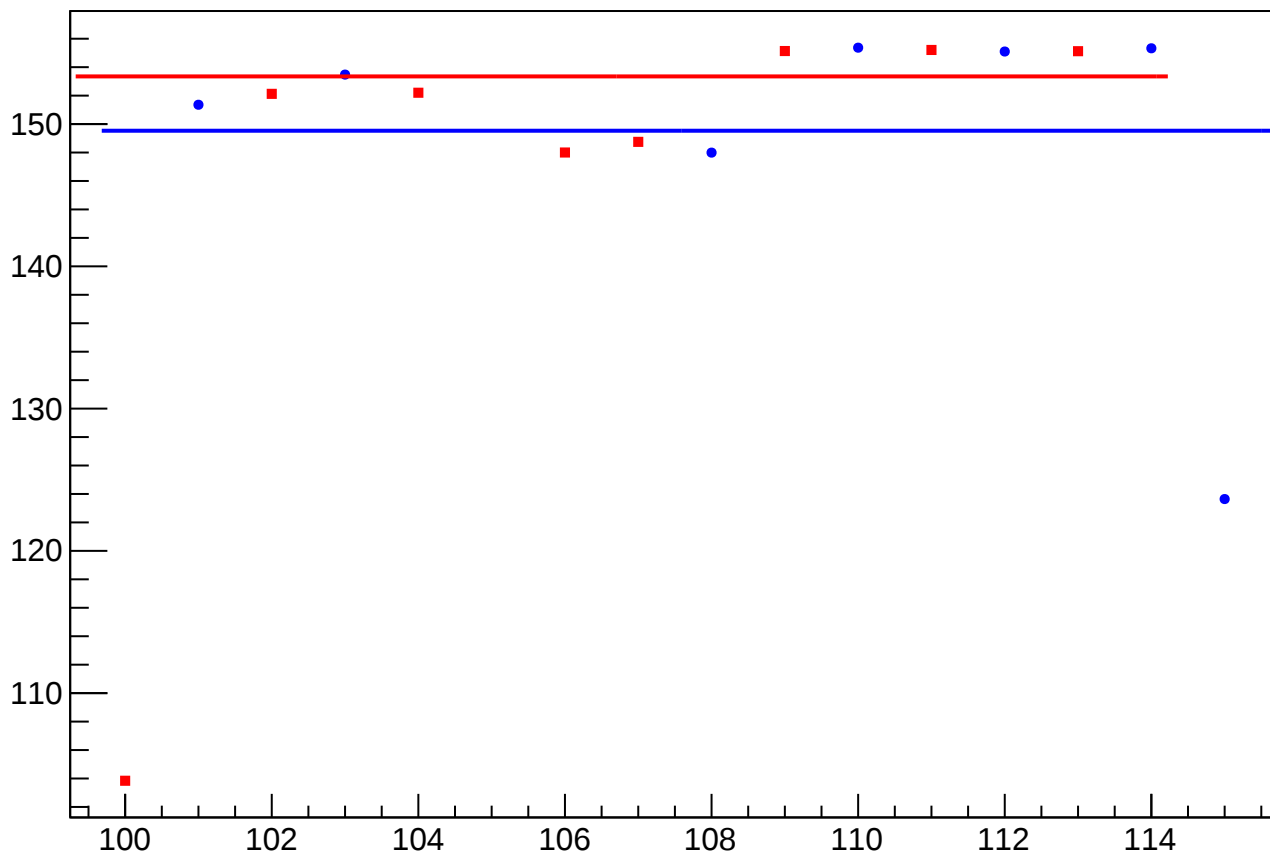
Right: 0.366+/-0.000 χ^2/NDF : 1925342.9/14

In: 0.355+/-0.000 χ^2/NDF : 1053797.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

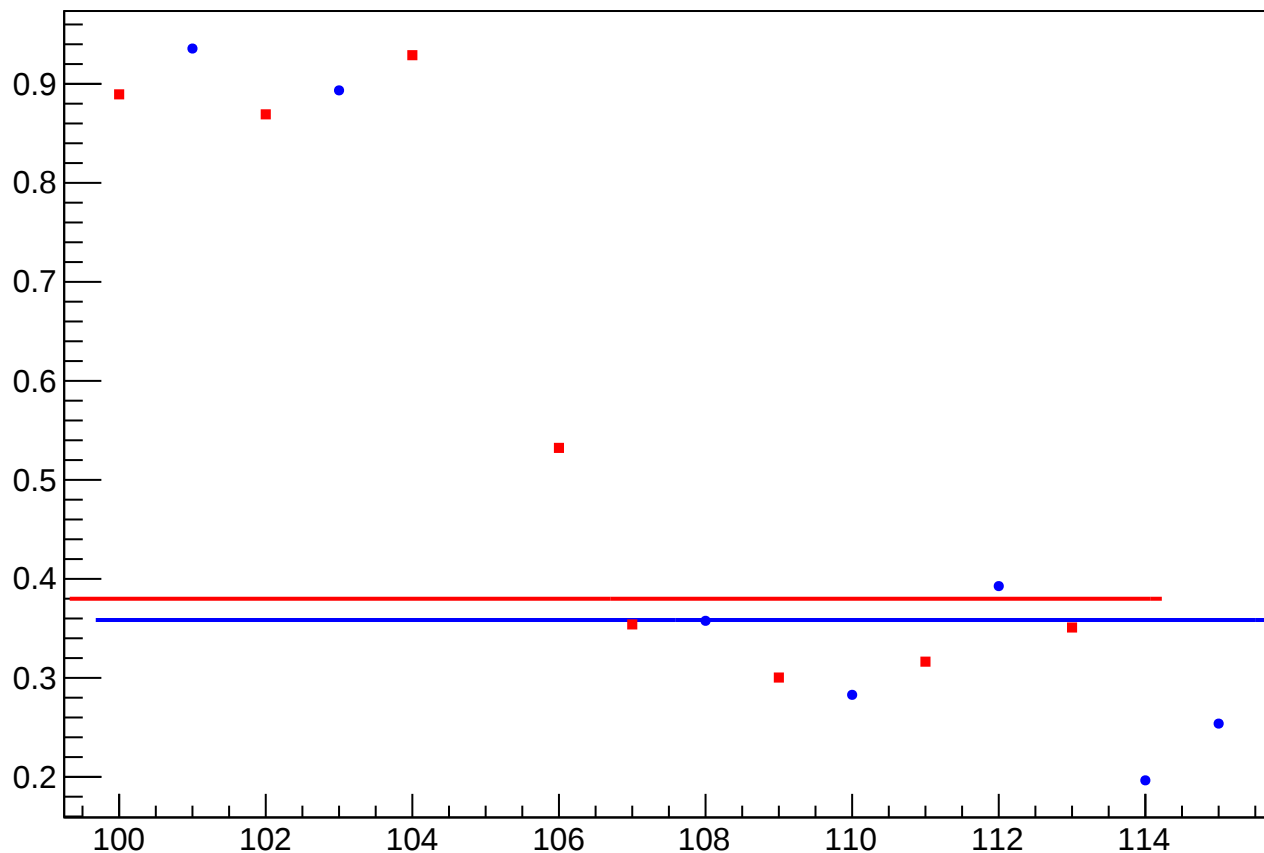
All: 0.366+/-0.000 χ^2/NDF : 1925342.9/14

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 149.532+/-0.000 χ^2/NDF : 1608842290.9/6
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 153.351+/-0.000 χ^2/NDF : 339327289.4/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 151.585+/-0.000 χ^2/NDF : 2064718089.6/14
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 151.585+/-0.000 χ^2/NDF : 2064718089.6/14
 In: 149.532+/-0.000 χ^2/NDF : 1608842290.9/6
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.358+/-0.000 χ^2/NDF : 1049408.8/6

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

Right Out: 0.380+/-0.000 χ^2/NDF : 861979.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

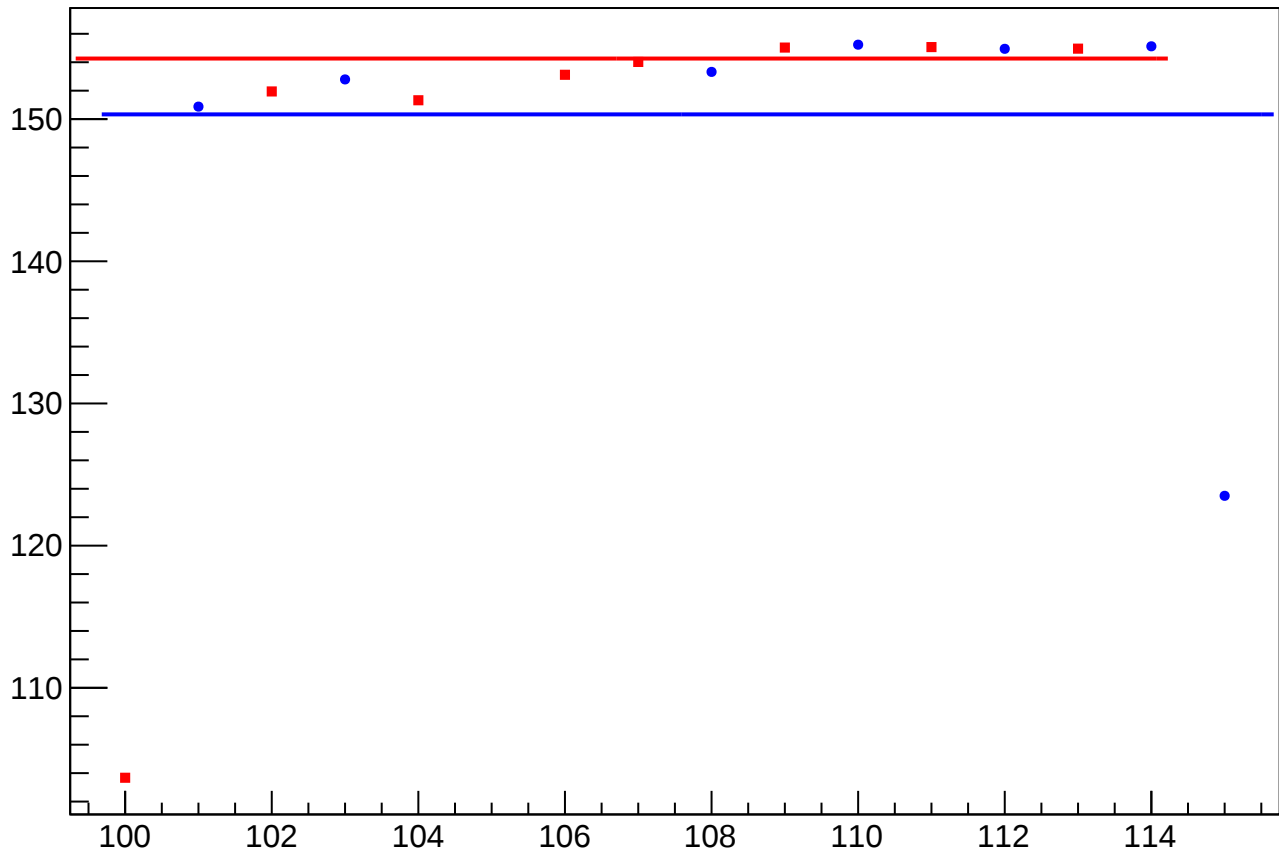
Right: 0.370+/-0.000 χ^2/NDF : 1918757.6/14

In: 0.358+/-0.000 χ^2/NDF : 1049408.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.370+/-0.000 χ^2/NDF : 1918757.6/14

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 150.332+/-0.000 χ^2/NDF : 1638788833.6/6

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

Right Out: 154.260+/-0.000 χ^2/NDF : 246939953.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

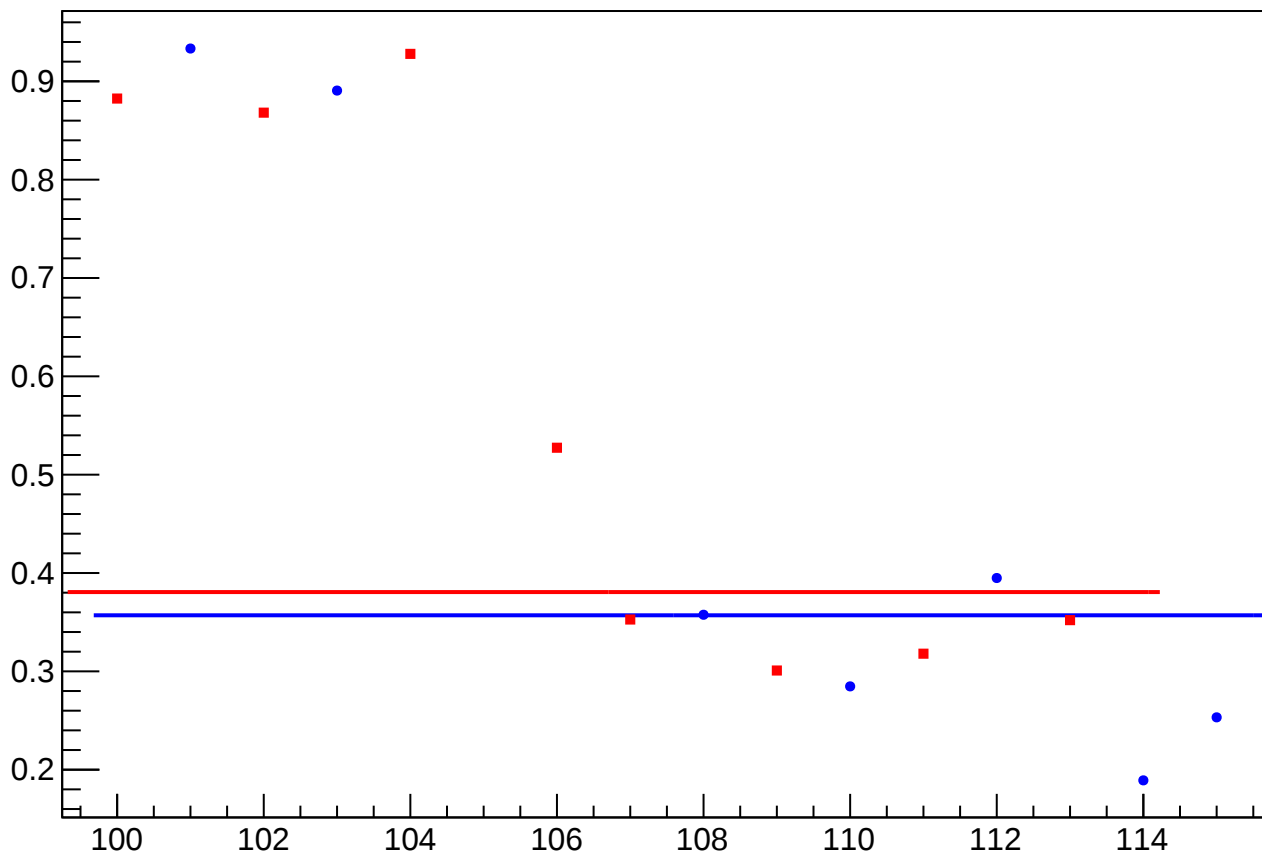
Right: 152.439+/-0.000 χ^2/NDF : 2009084427.8/14

In: 150.332+/-0.000 χ^2/NDF : 1638788833.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.439+/-0.000 χ^2/NDF : 2009084427.8

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.357+/-0.000 χ^2/NDF : 1062951.9/6

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

Right Out: 0.381+/-0.000 χ^2/NDF : 855086.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

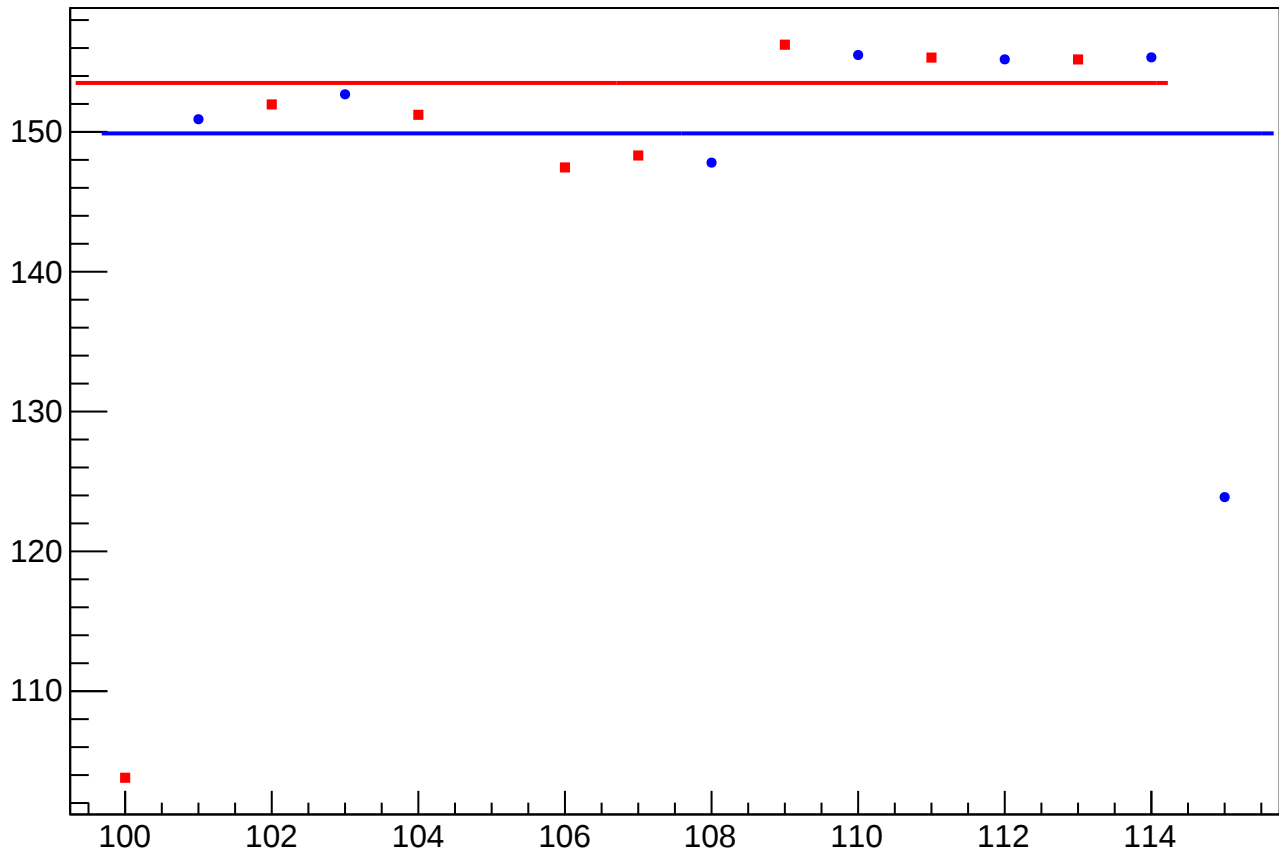
Right: 0.370+/-0.000 χ^2/NDF : 1926958.2/14

In: 0.357+/-0.000 χ^2/NDF : 1062951.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

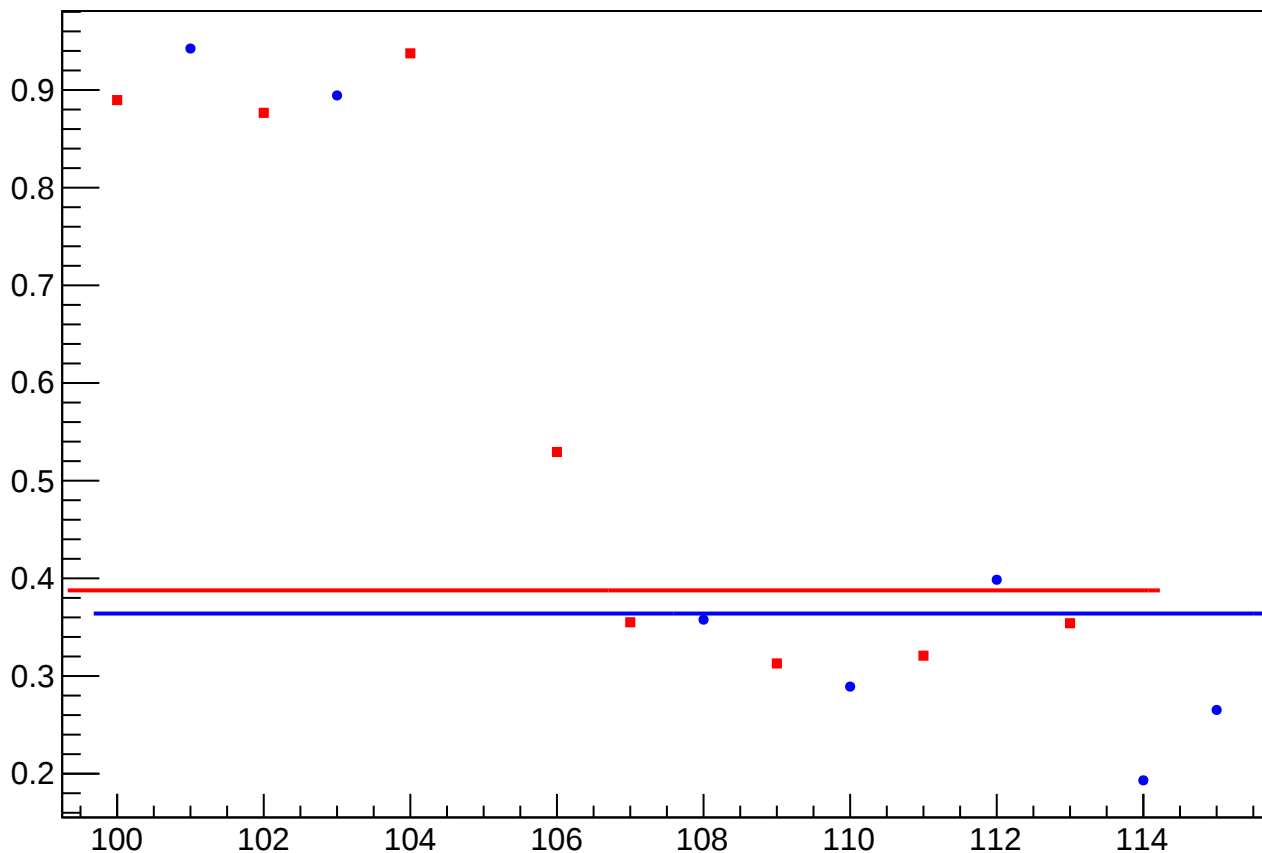
All: 0.370+/-0.000 χ^2/NDF : 1926958.2/14

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 149.894+/-0.000 χ^2/NDF : 1412348628.8/6
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 153.503+/-0.000 χ^2/NDF : 381693285.4/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 151.831+/-0.000 χ^2/NDF : 1894582865.4/14

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.364+/-0.000 χ^2/NDF : 1040824.8/6

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

Right Out: 0.388+/-0.000 χ^2/NDF : 838057.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

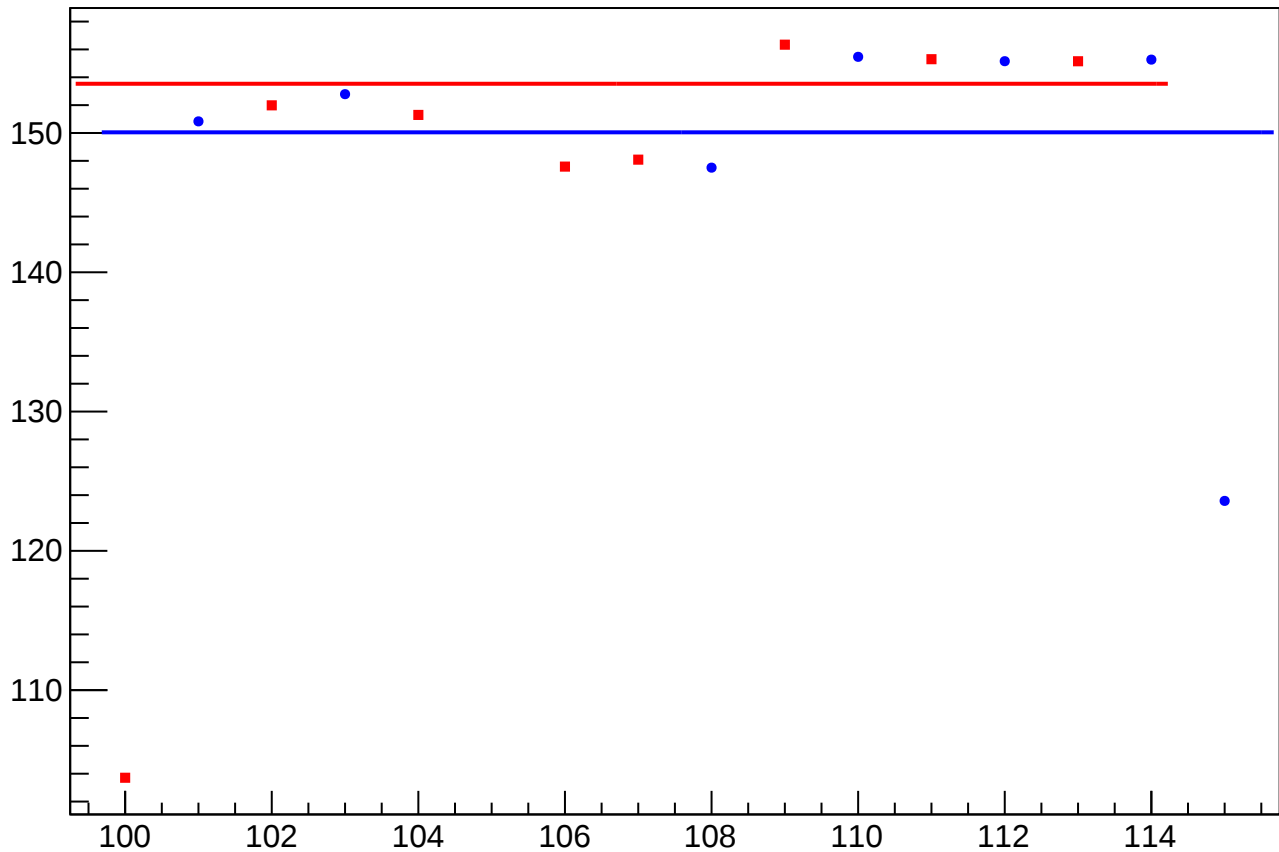
Right: 0.377+/-0.000 χ^2/NDF : 1887553.0/14

In: 0.364+/-0.000 χ^2/NDF : 1040824.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

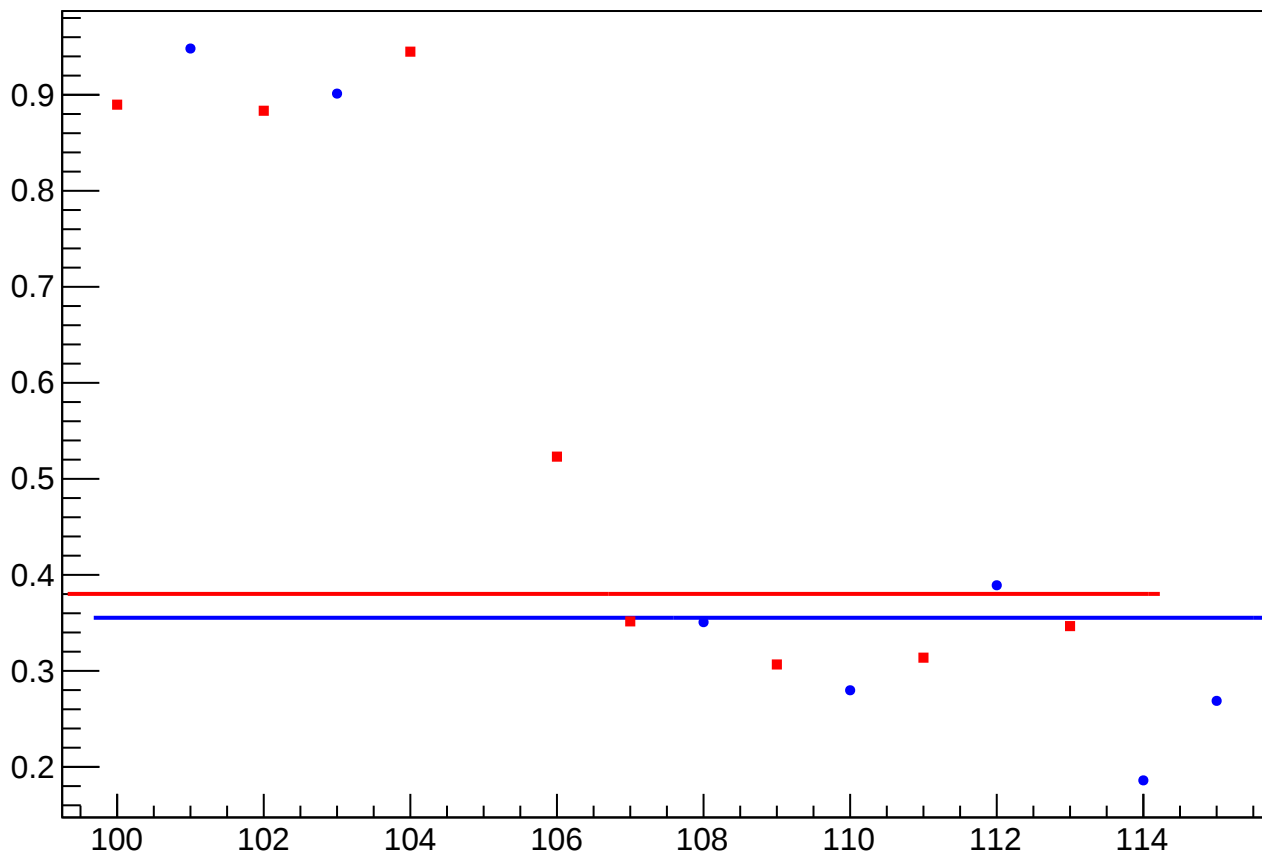
All: 0.377+/-0.000 χ^2/NDF : 1887553.0/14

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 150.048 $\pm$ 0.000 χ^2 /NDF: 1413058931.8/6
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 153.535 $\pm$ 0.000 χ^2 /NDF: 393842391.9/7
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 151.915 $\pm$ 0.000 χ^2 /NDF: 1904069616.7/14

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.355+/-0.000 χ^2/NDF : 1075576.1/6

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

Right Out: 0.380+/-0.000 χ^2/NDF : 868100.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

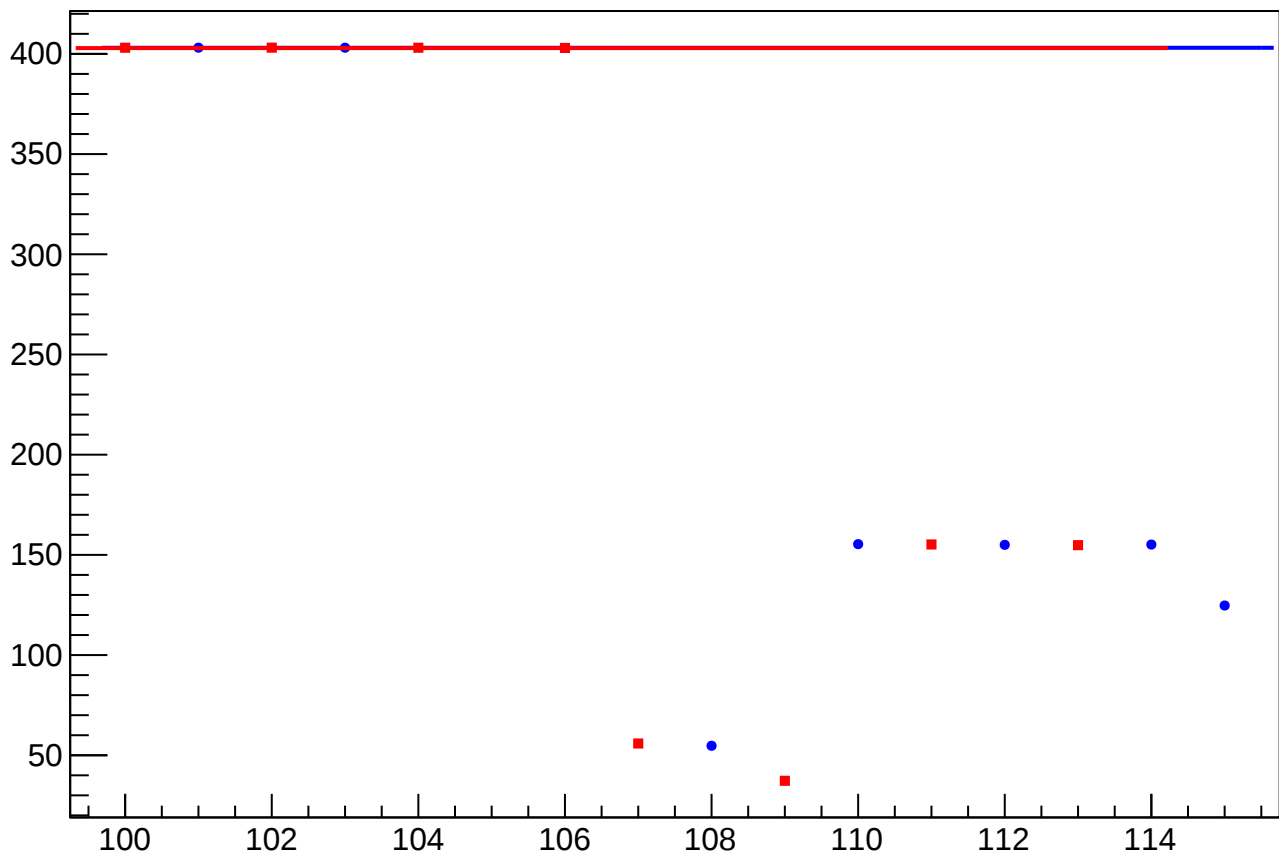
Right: 0.369+/-0.000 χ^2/NDF : 1953556.0/14

In: 0.355+/-0.000 χ^2/NDF : 1075576.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

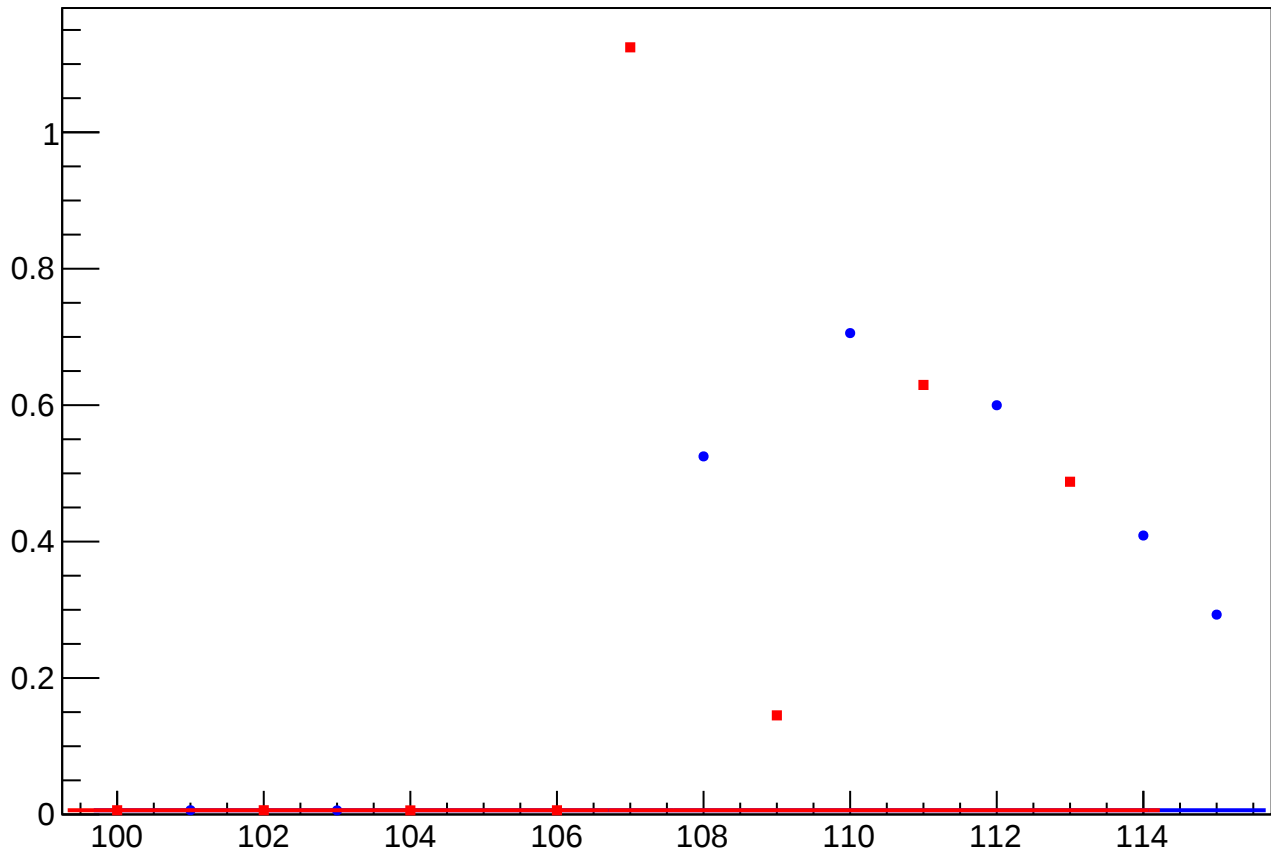
All: 0.369+/-0.000 χ^2/NDF : 1953556.0/14

yield_cav4bQ_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Right In: 403.045+/-0.000 χ^2 /NDF: 391574336828.1/6
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Right: 402.962+/-0.000 χ^2 /NDF: 2655465018967.3/6
In: 403.045+/-0.000 χ^2 /NDF: 391574336828.1/6
Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
All: 402.962+/-0.000 χ^2 /NDF: 2655465018967.3/6

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 2476633.2/6

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

Right Out: 0.006+/-0.000 χ^2/NDF : 2690432.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

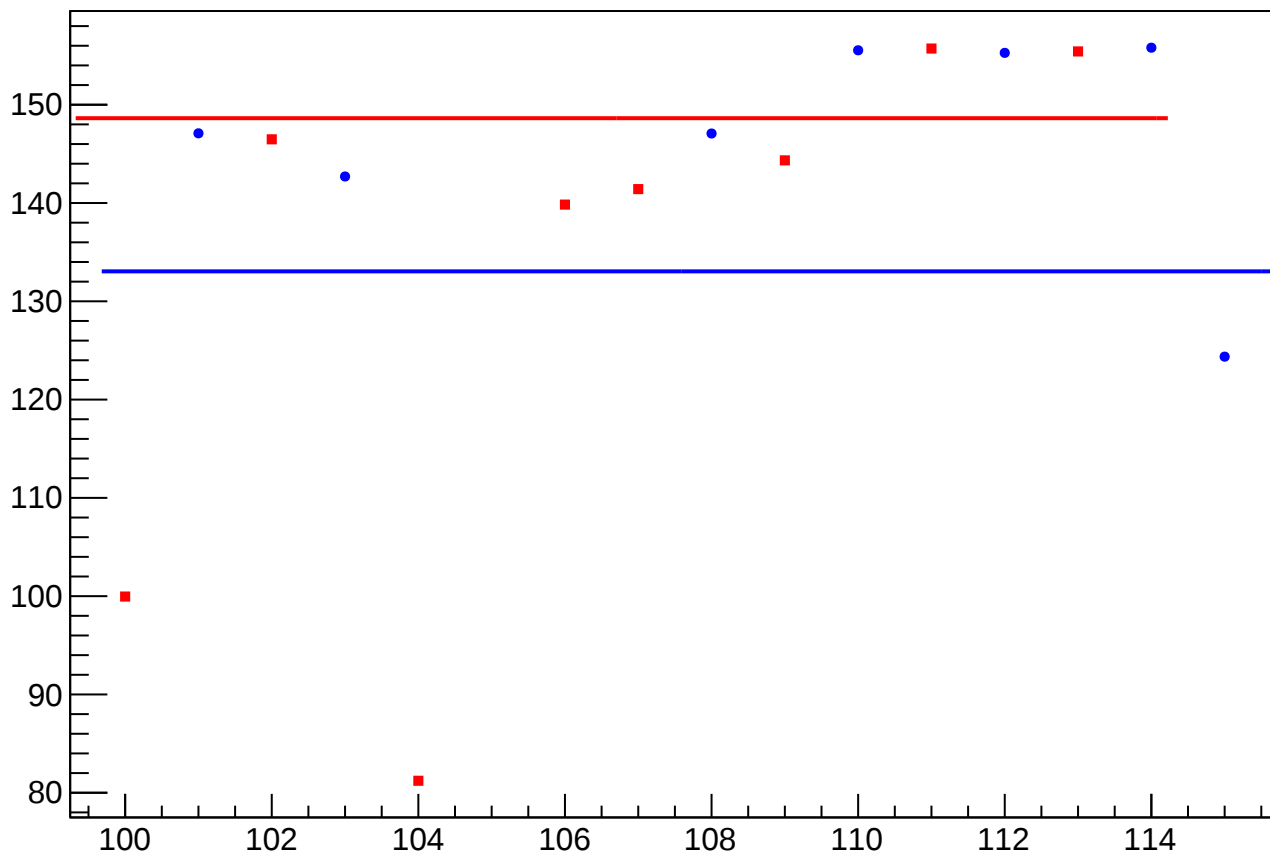
Right: 0.006+/-0.000 χ^2/NDF : 5167069.7/14

In: 0.006+/-0.000 χ^2/NDF : 2476633.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 5167069.7/14

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 133.046 $\pm$ 0.001 χ^2 /NDF: 410521196.8/6

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

Right Out: 148.630 $\pm$ 0.001 χ^2 /NDF: 266129535.9/7

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

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

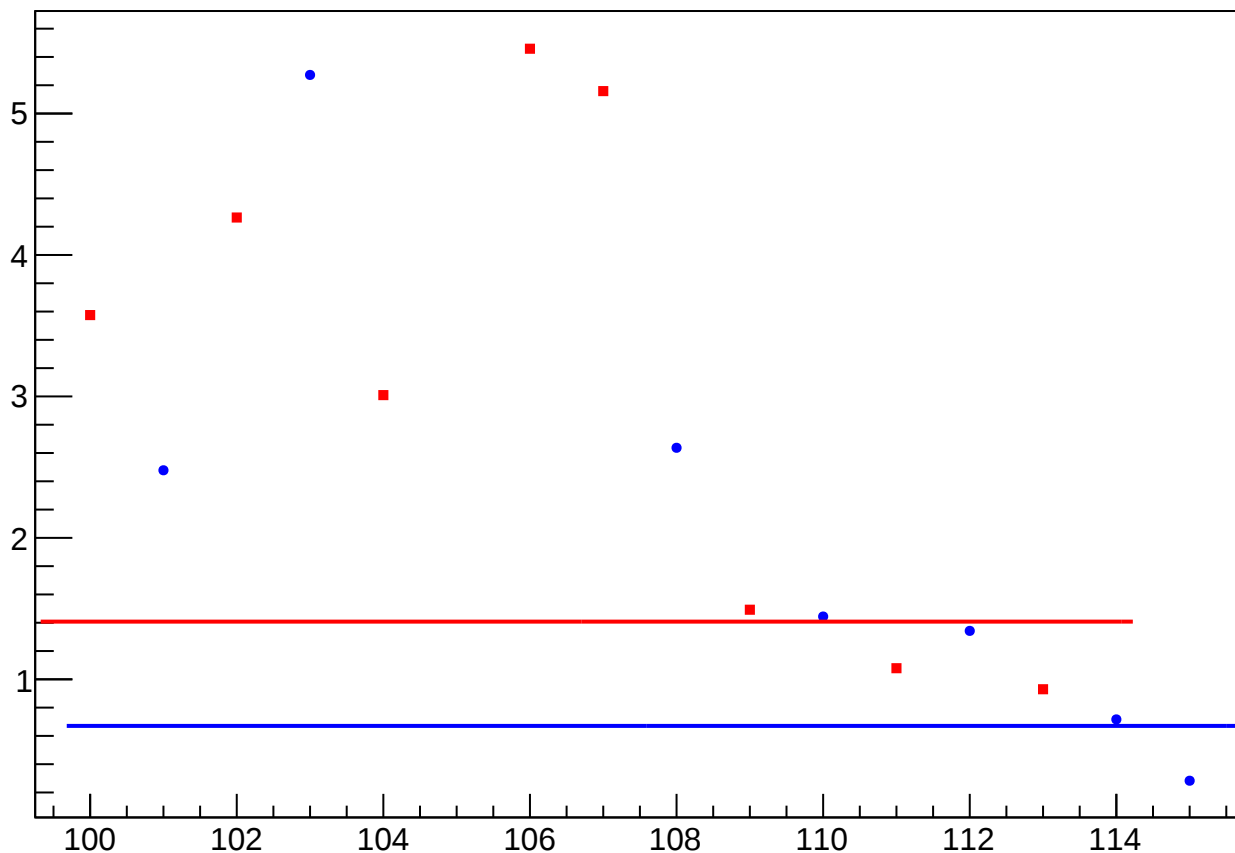
Right: 137.655 $\pm$ 0.001 χ^2 /NDF: 838696039.8/14

In: 133.046 $\pm$ 0.001 χ^2 /NDF:410521196.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 137.655 $\pm$ 0.001 χ^2 /NDF: 838696039.8/14

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.671+/-0.000 χ^2/NDF : 2602484.8/6

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

Right Out: 1.408+/-0.001 χ^2/NDF : 1629016.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

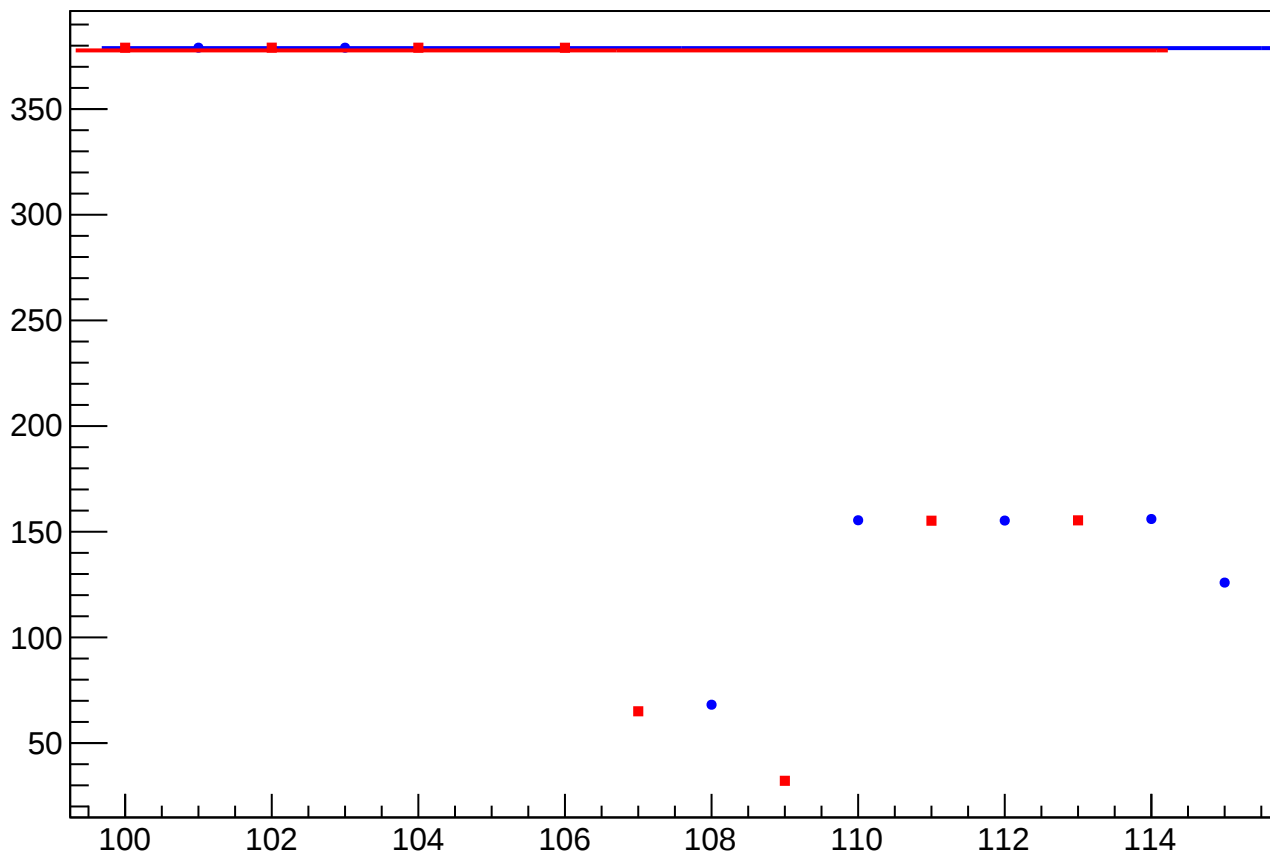
Right: 0.889+/-0.000 χ^2/NDF : 4956868.4/14

In: 0.671+/-0.000 χ^2/NDF : 2602484.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.889+/-0.000 χ^2/NDF : 4956868.4/14

yield_cav4dQ_mean vs Slug, Sign Corrected



Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right: 378.264 +/- 0.000 χ^2/NDF : 7362735236543.2/6

In: 378.841 +/- 0.000 χ^2/NDF : 754330473157.6/6

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 378.264 +/- 0.000 χ^2/NDF : 7362735236543.2/6

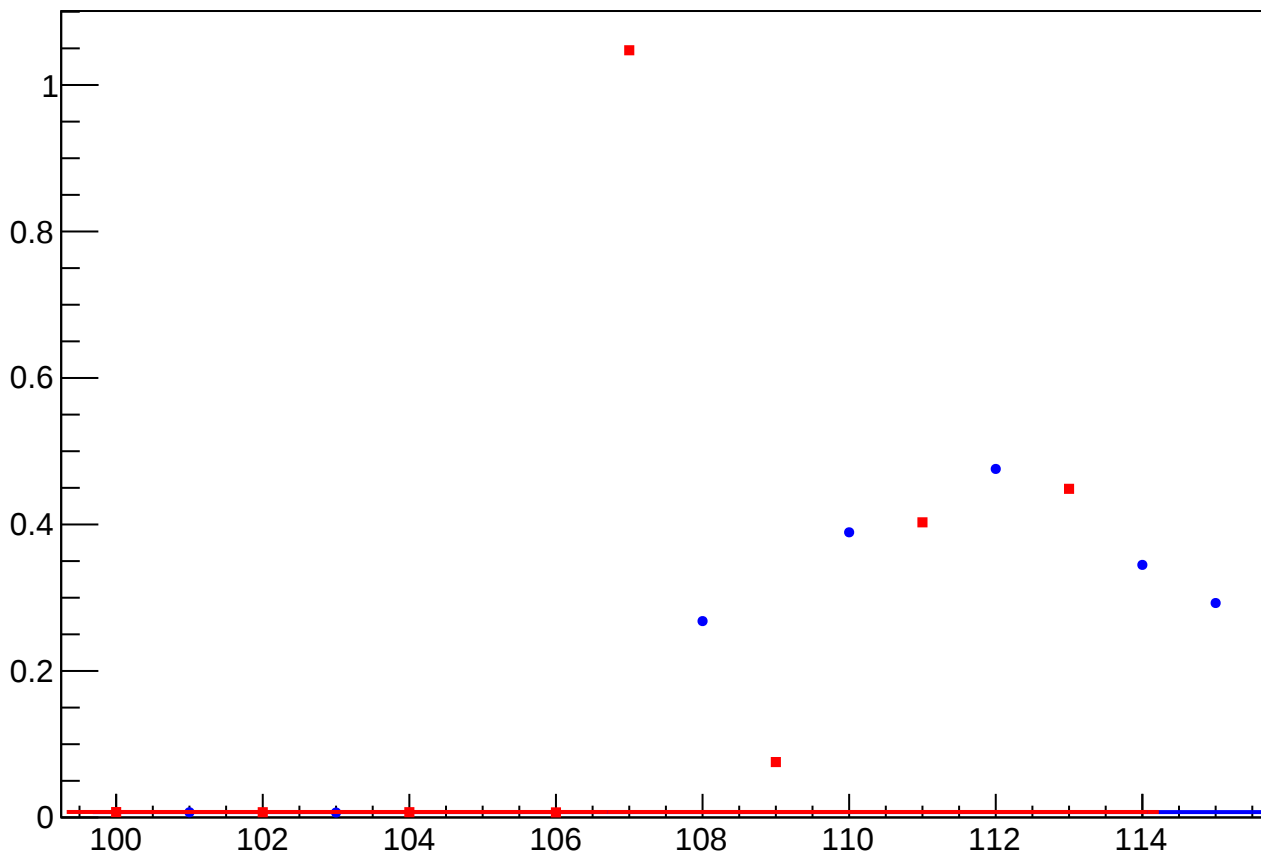
Right In: 378.841 +/- 0.000 χ^2/NDF : 754330473157.6/6

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

Right Out: 377.758 +/- 0.000 χ^2/NDF : 6600106793842.7/7

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

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 2516726.2/6

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

Right Out: 0.007+/-0.000 χ^2/NDF : 2608909.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

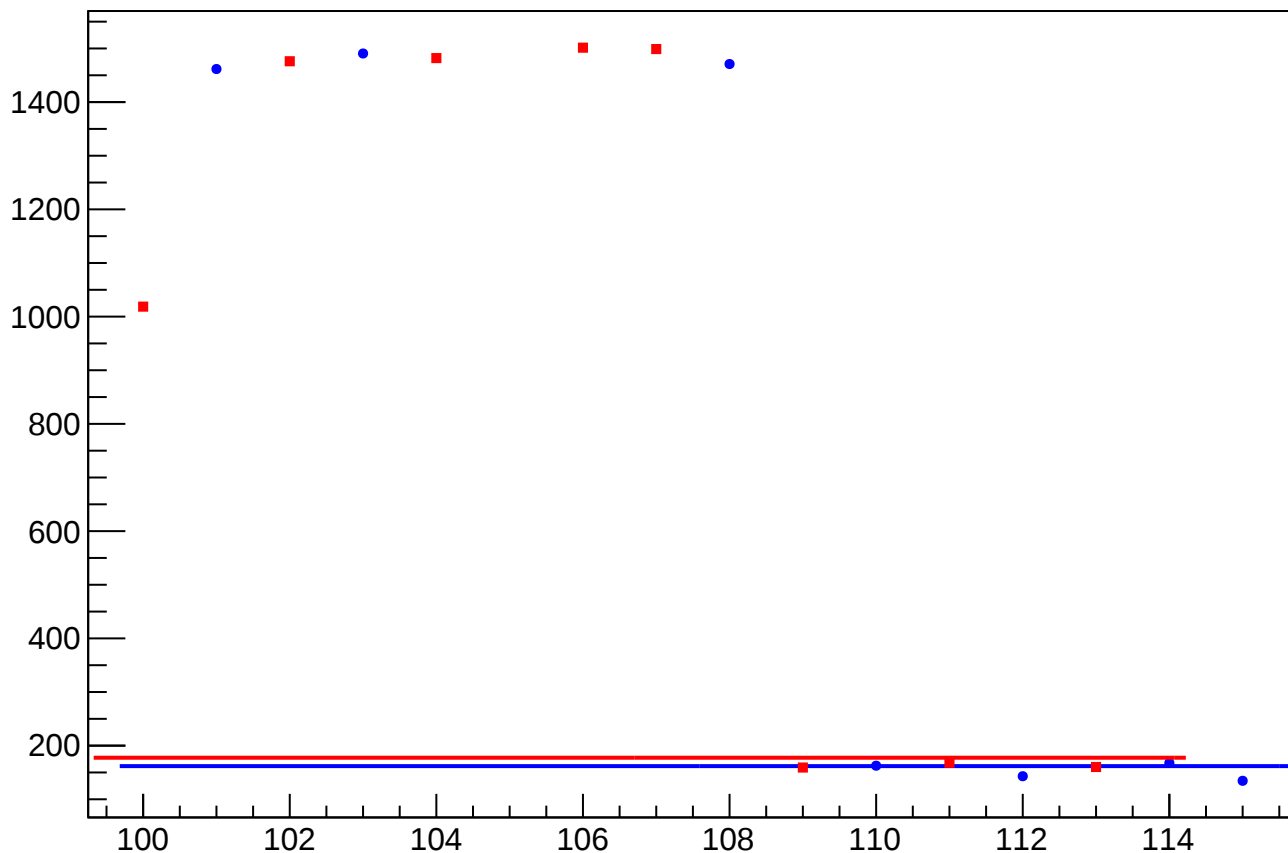
Right: 0.007+/-0.000 χ^2/NDF : 5125985.8/14

In: 0.007+/-0.000 χ^2/NDF : 2516726.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

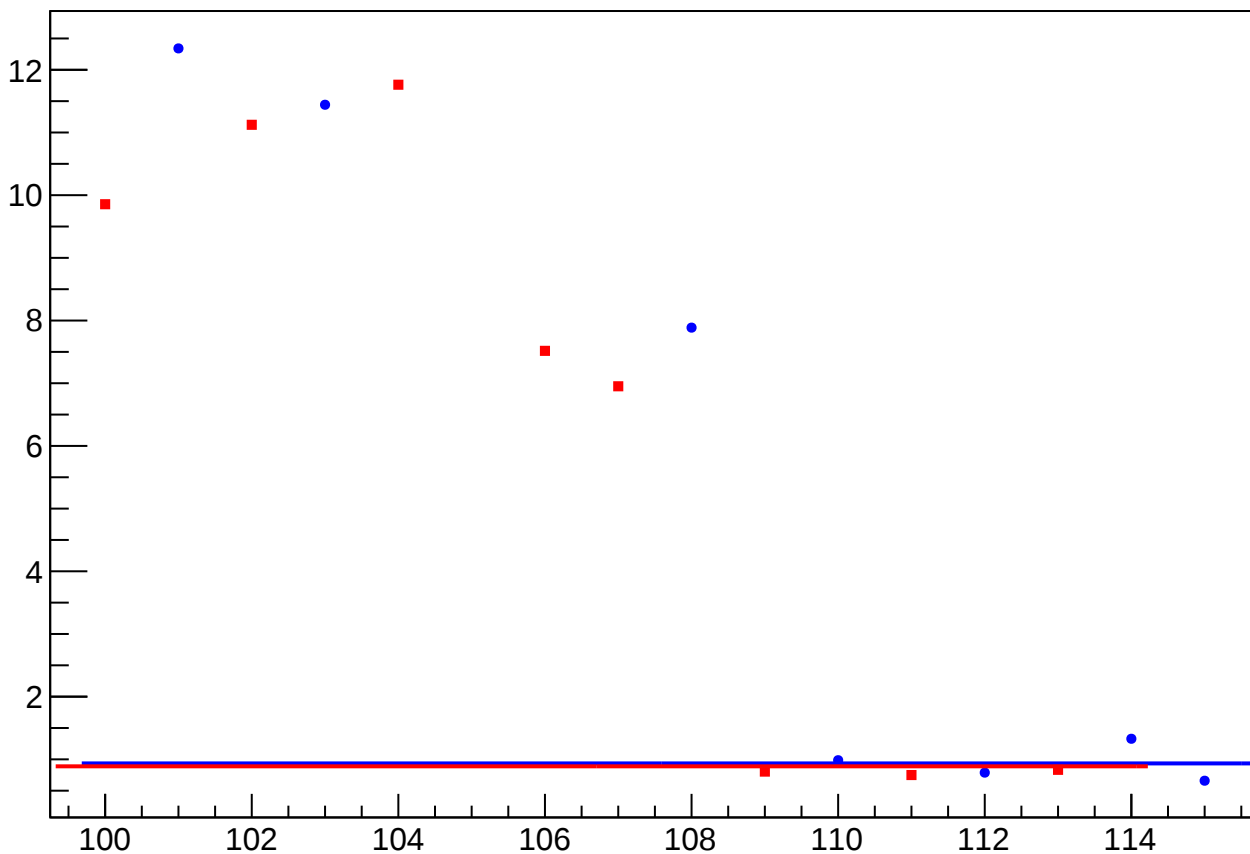
All: 0.007+/-0.000 χ^2/NDF : 5125985.8/14

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 161.837+/-0.001 χ^2/NDF : 23795919316.4/6
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 177.500+/-0.001 χ^2/NDF : 32115492488.5/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 170.917+/-0.001 χ^2/NDF : 56080820492.2/14
 In: 161.837+/-0.001 χ^2/NDF : 23795919316.4/6
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 170.917+/-0.001 χ^2/NDF : 56080820492.2/14

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.935+/-0.001 χ^2/NDF : 2515359.9/6

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

Right Out: 0.889+/-0.001 χ^2/NDF : 2653857.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

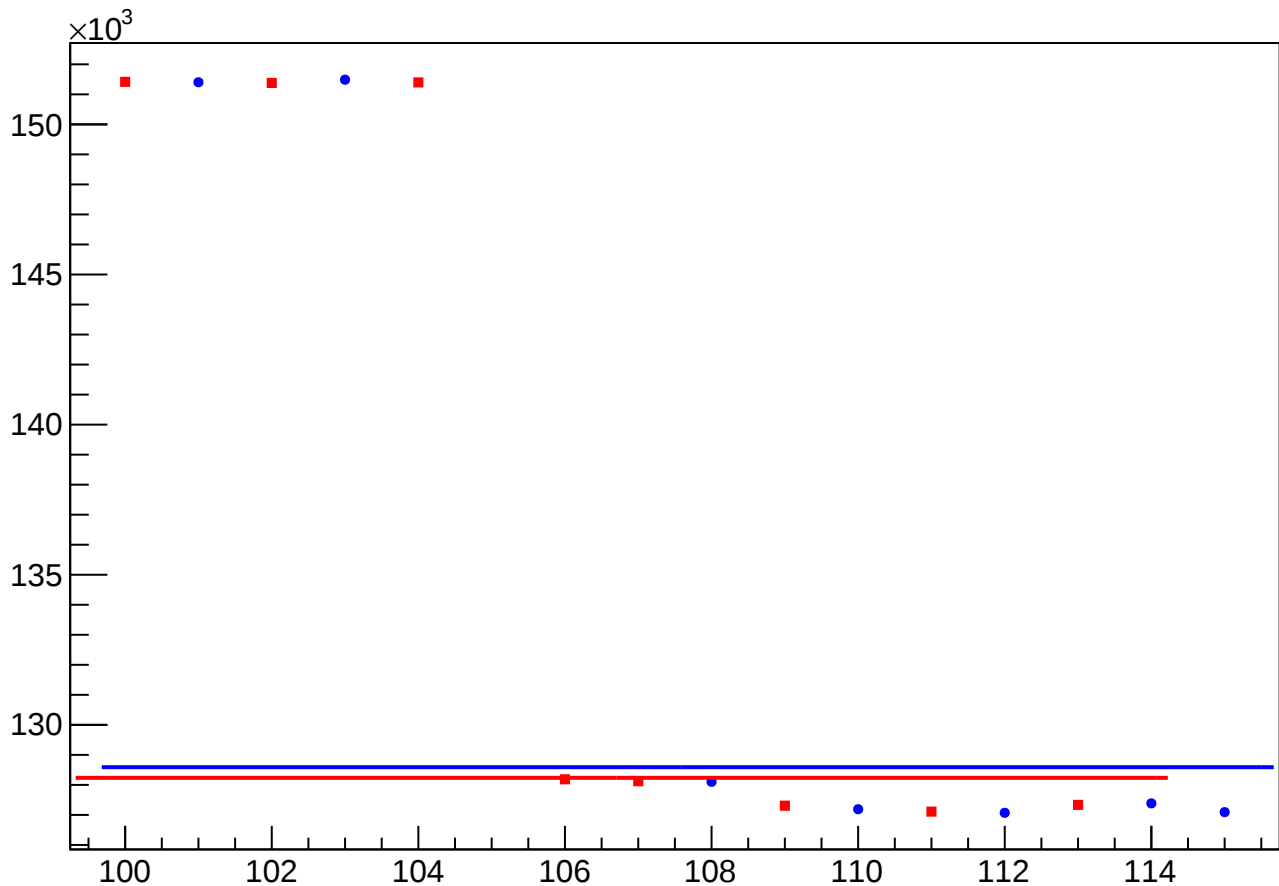
Right: 0.908+/-0.000 χ^2/NDF : 5172193.3/14

In: 0.935+/-0.001 χ^2/NDF : 2515359.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.908+/-0.000 χ^2/NDF : 5172193.3/14

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 128589.970+/-0.085 χ^2 /NDF: 4043534143.4/6

Right: 128384.241+/-0.055 χ^2 /NDF: 7621279022.2/6

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

Right Out: 128236.108+/-0.072 χ^2 /NDF: 3567629644.6/7

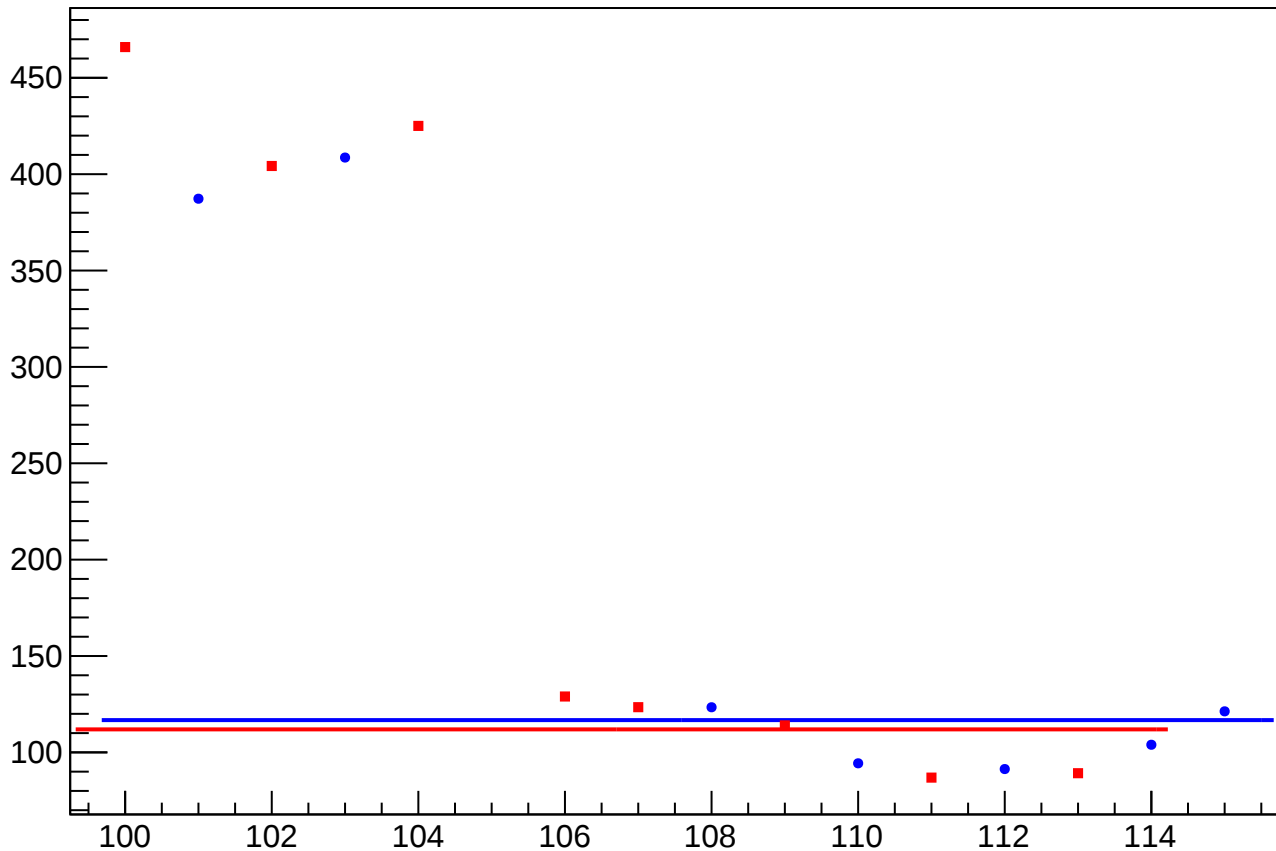
In: 128589.970+/-0.085 χ^2 /NDF: 4043534143.4/6

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 128384.241+/-0.055 χ^2 /NDF: 7621279022.2/6

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 116.743+/-0.060 χ^2/NDF : 1258243.2/6

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

Right Out: 111.930+/-0.051 χ^2/NDF : 1326299.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

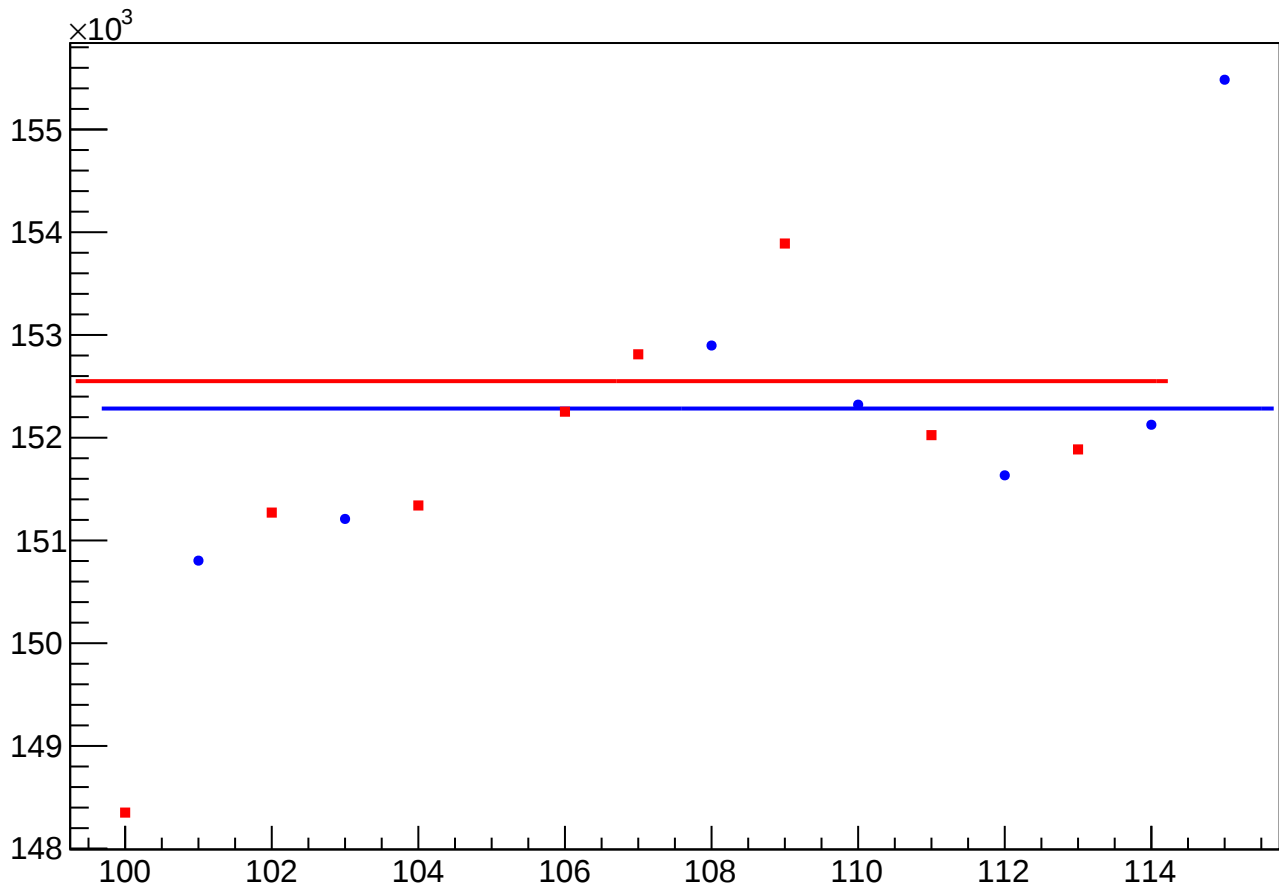
Right: 113.945+/-0.039 χ^2/NDF : 2588285.8/14

In: 116.743+/-0.060 χ^2/NDF : 1258243.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.945+/-0.039 χ^2/NDF : 2588285.8/14

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 152283.942+/-0.123 χ^2 /NDF: 60826328.3/6

Right: 152438.972+/-0.079 χ^2 /NDF: 136871168.0/1

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

Right Out: 152550.520+/-0.104 χ^2 /NDF: 73294001.1/7

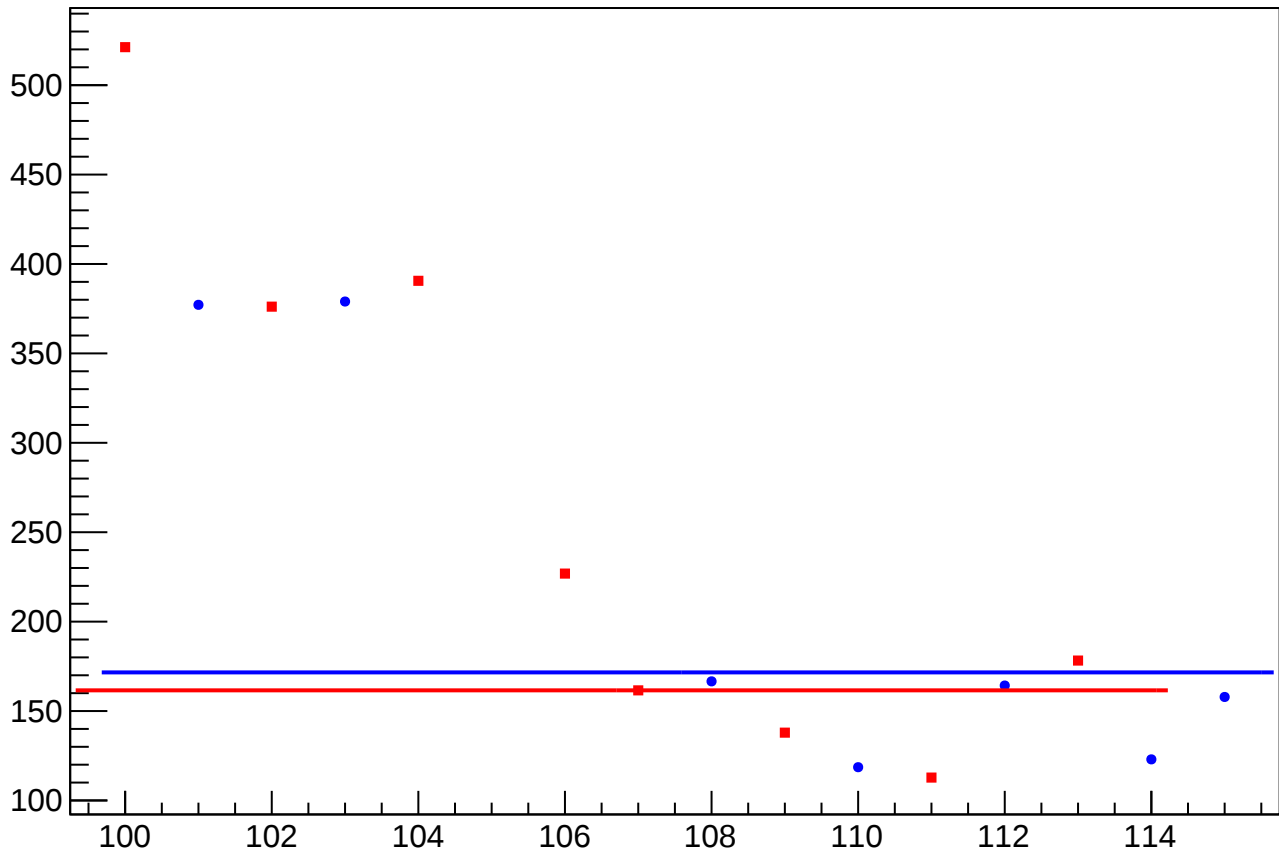
In: 152283.942+/-0.123 χ^2 /NDF: 60826328.3/6

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

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 152438.972+/-0.079 χ^2 /NDF: 136871168.0/1

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 171.611+/-0.087 χ^2/NDF : 841643.8/6

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

Right Out: 161.575+/-0.074 χ^2/NDF : 986680.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

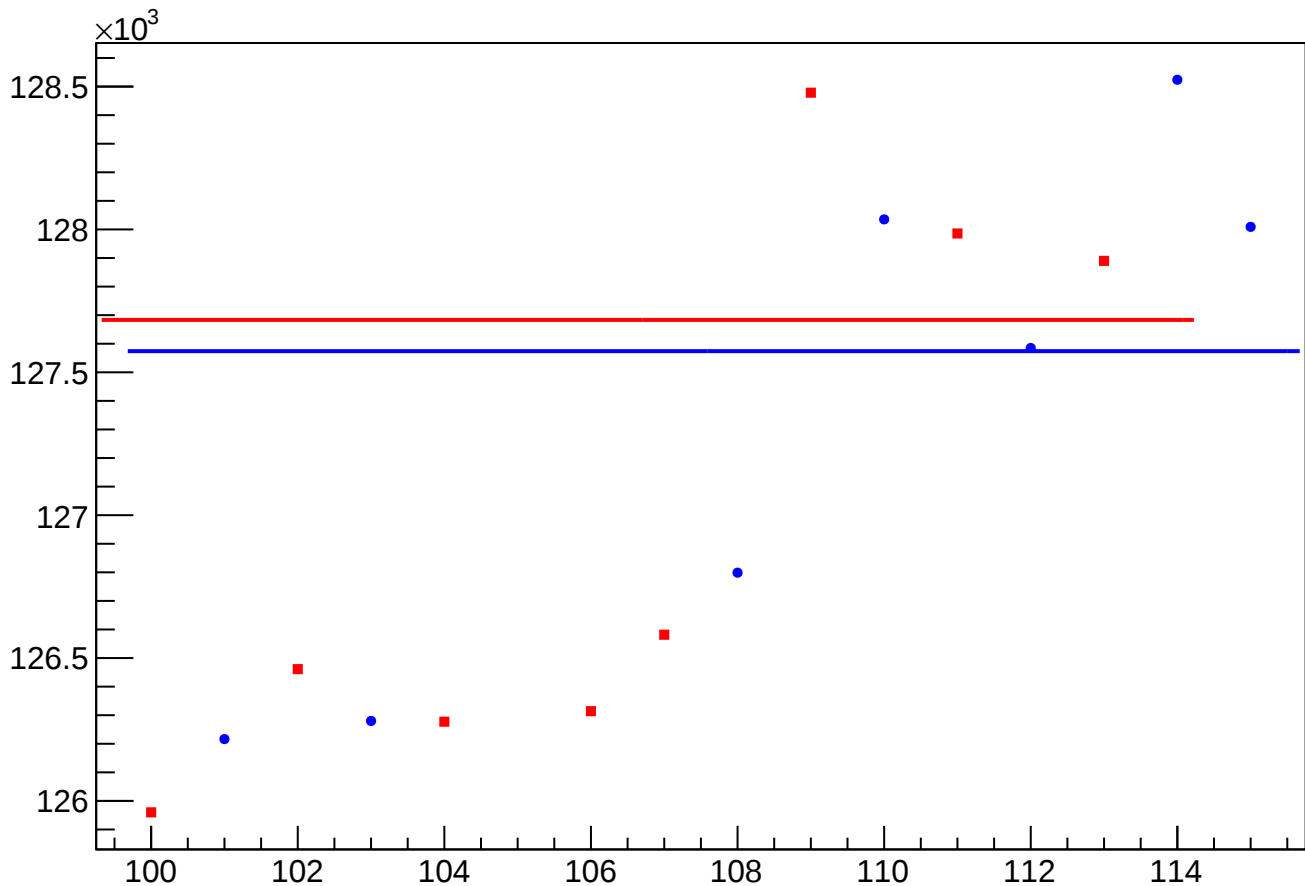
Right: 165.775+/-0.056 χ^2/NDF : 1836120.8/14

In: 171.611+/-0.087 χ^2/NDF : 841643.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

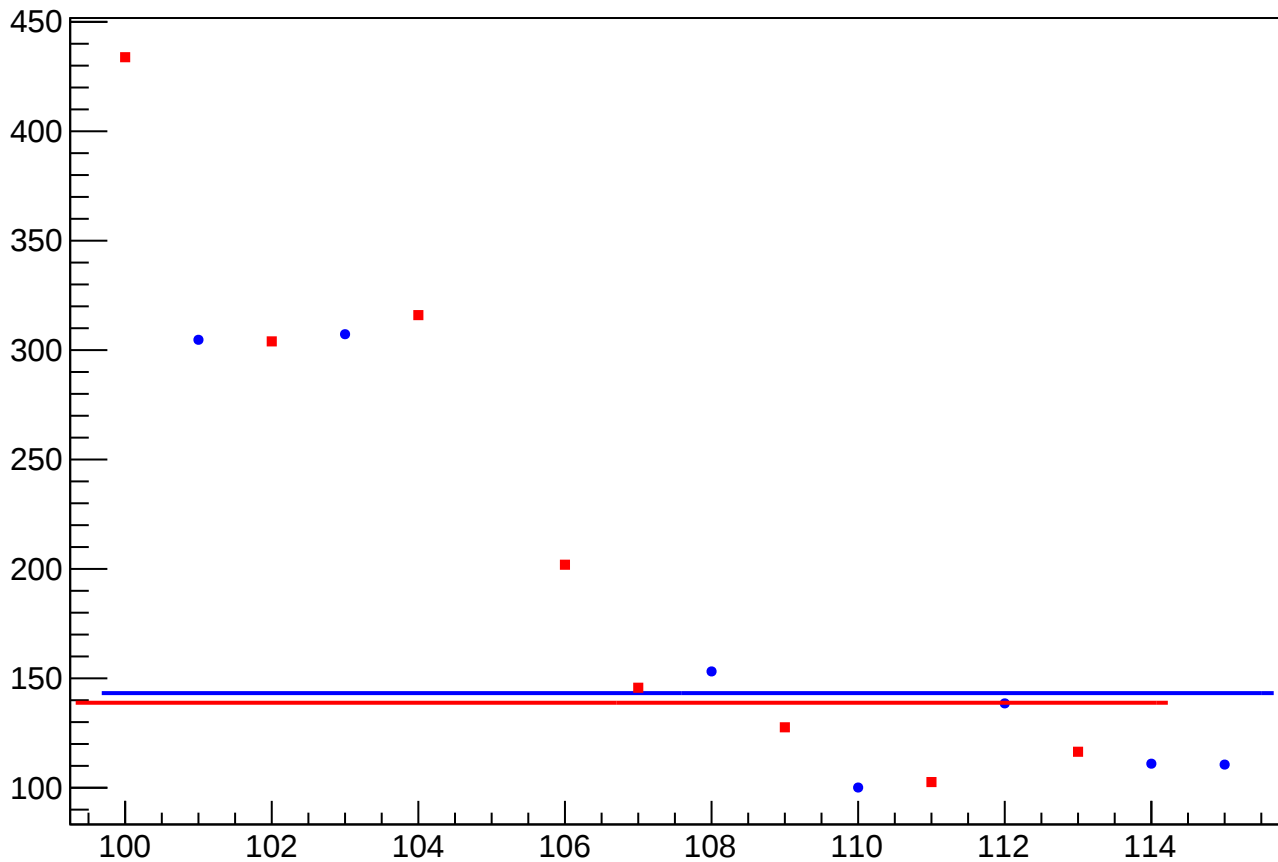
All: 165.775+/-0.056 χ^2/NDF : 1836120.8/14

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127574.081 $\pm$ 0.099 χ^2 /NDF: 48495454.6/6
 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: 127636.038 $\pm$ 0.065 χ^2 /NDF: 124427567.3/1
 Right Out: 127683.322 $\pm$ 0.086 χ^2 /NDF: 75236112.8/7
 In: 127574.081 $\pm$ 0.099 χ^2 /NDF: 48495454.6/6
 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: 127636.038 $\pm$ 0.065 χ^2 /NDF: 124427567.3/1

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 143.248+/-0.070 χ^2/NDF : 819939.6/6

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

Right Out: 138.845+/-0.061 χ^2/NDF : 890249.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

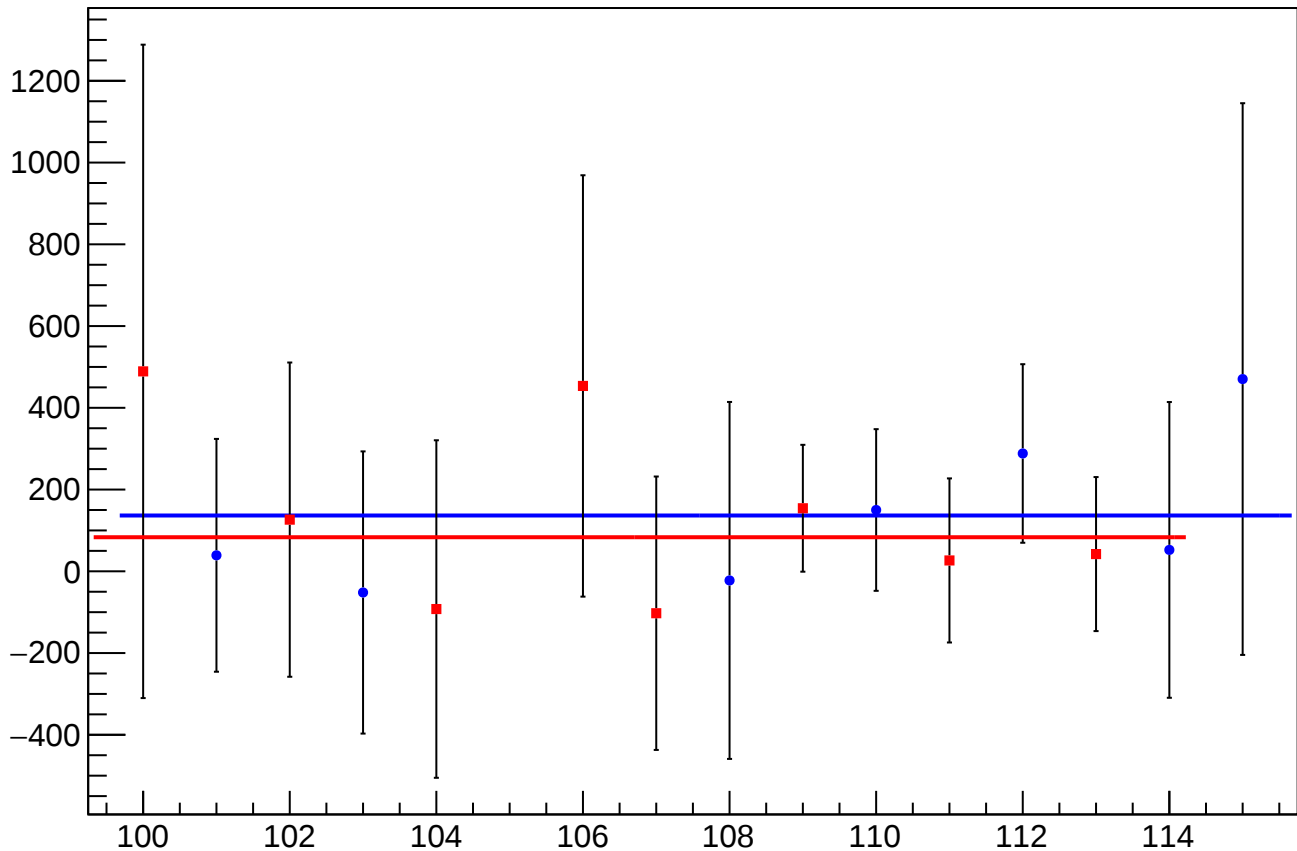
Right: 140.751+/-0.046 χ^2/NDF : 1712450.6/14

In: 143.248+/-0.070 χ^2/NDF : 819939.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.751+/-0.046 χ^2/NDF : 1712450.6/14

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 136.529+/-110.212 χ^2/NDF : 1.3/6

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

Right Out: 83.360+/-90.758 χ^2/NDF : 1.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

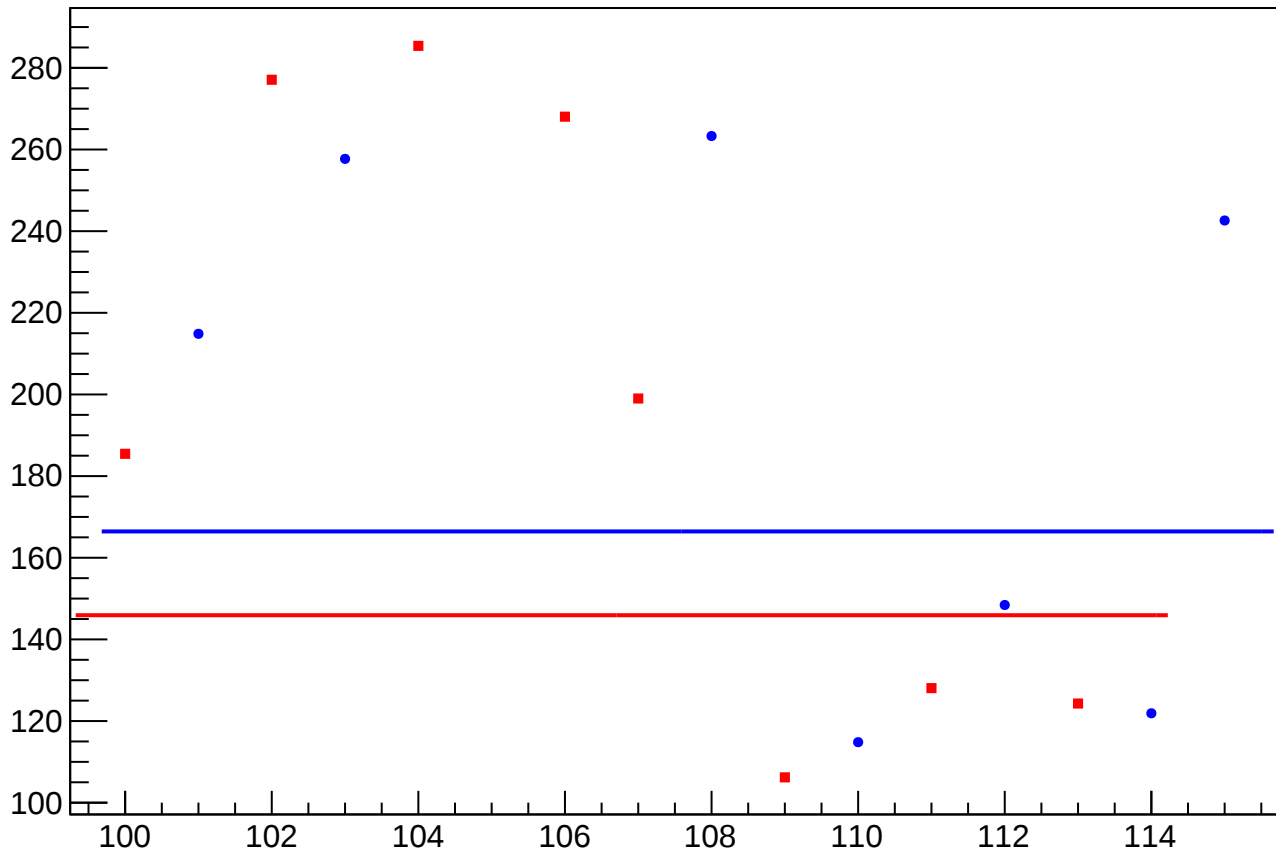
Right: 104.846+/-70.060 χ^2/NDF : 3.1/14

In: 136.529+/-110.212 χ^2/NDF : 1.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.846+/-70.060 χ^2/NDF : 3.1/14

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 166.448+/-0.078 χ^2/NDF : 501655.8/6

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

Right Out: 145.924+/-0.064 χ^2/NDF : 801739.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

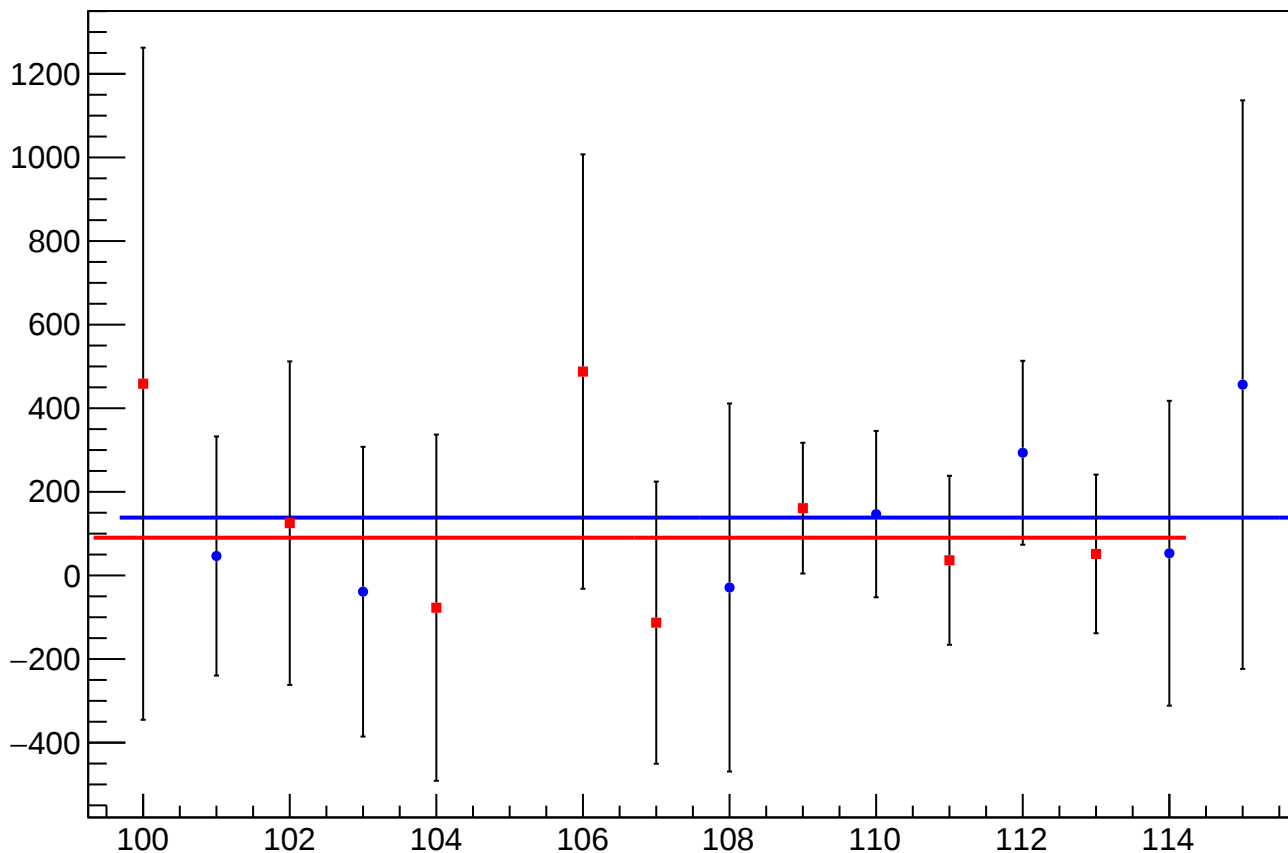
Right: 154.218+/-0.050 χ^2/NDF : 1344724.3/14

In: 166.448+/-0.078 χ^2/NDF : 501655.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.218+/-0.050 χ^2/NDF : 1344724.3/14

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 138.401 $\pm$ 110.907 χ^2 /NDF: 1.3/6

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

Right Out: 90.309 $\pm$ 91.427 χ^2 /NDF: 1.6/7

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

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

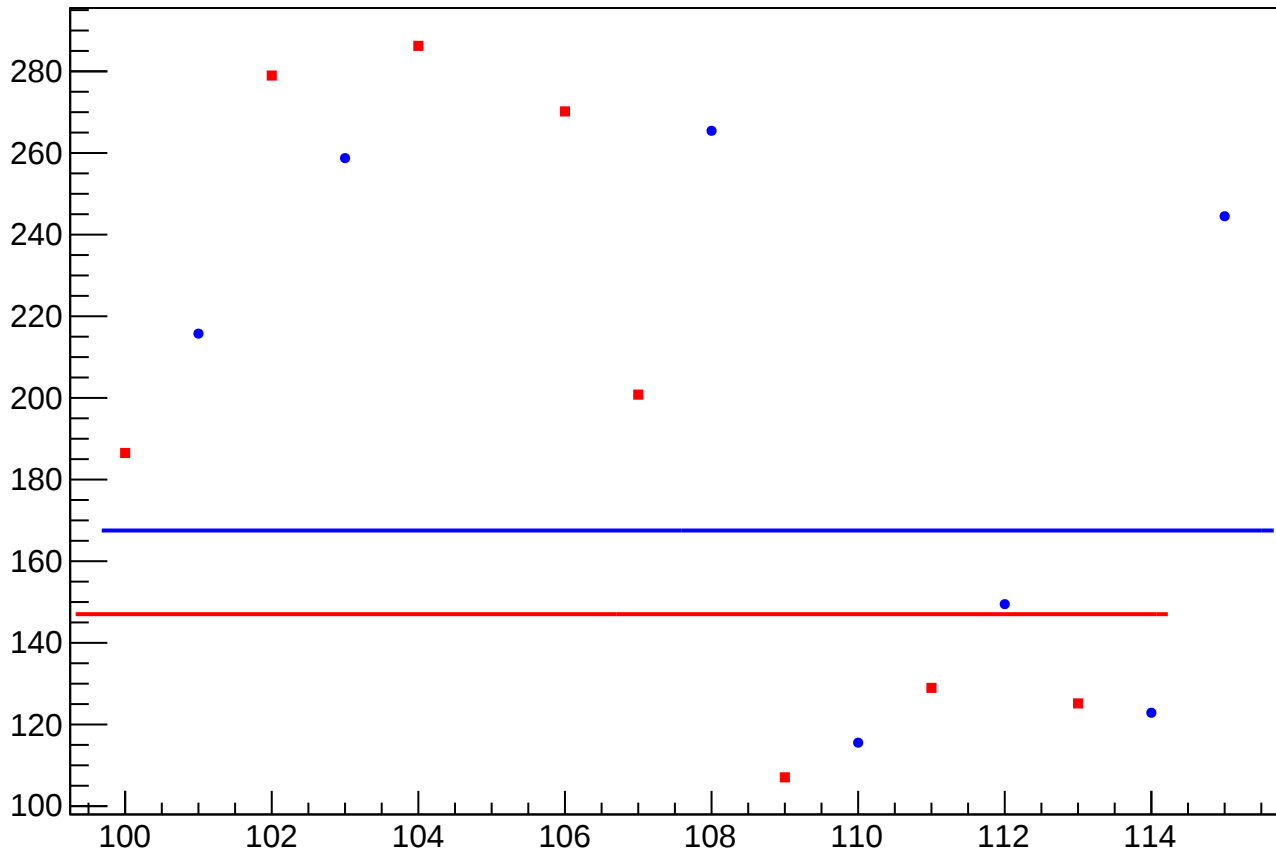
Right: 109.767 $\pm$ 70.547 χ^2 /NDF: 3.0/14

In: 138.401 $\pm$ 110.907 χ^2 /NDF:1.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 109.767 $\pm$ 70.547 χ^2 /NDF: 3.0/14

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 167.521+/-0.078 χ^2/NDF : 499794.5/6

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

Right Out: 147.024+/-0.065 χ^2/NDF : 799455.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

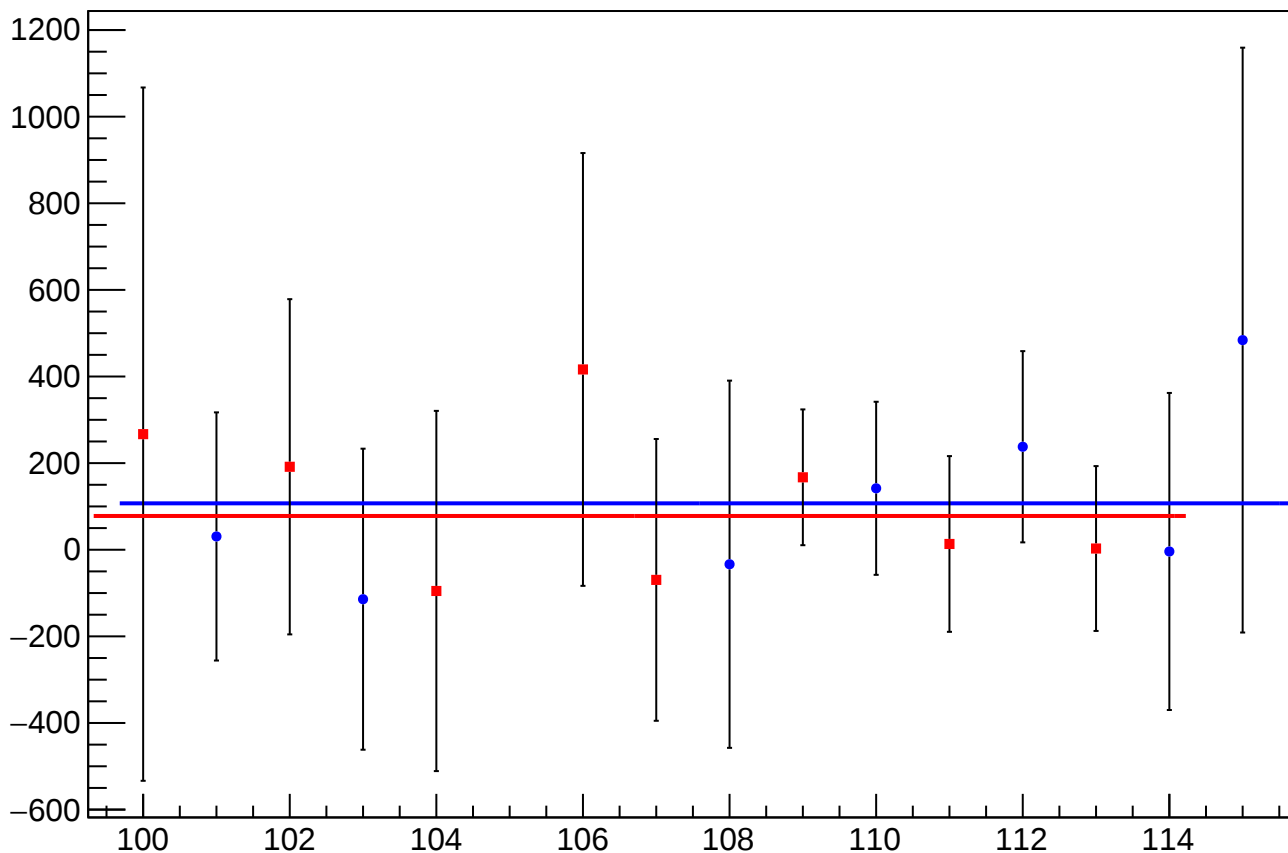
Right: 155.318+/-0.050 χ^2/NDF : 1339920.6/14

In: 167.521+/-0.078 χ^2/NDF : 499794.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.318+/-0.050 χ^2/NDF : 1339920.6/14

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 107.157+/-110.946 χ^2/NDF : 1.4/6

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

Right Out: 77.976+/-91.264 χ^2/NDF : 1.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

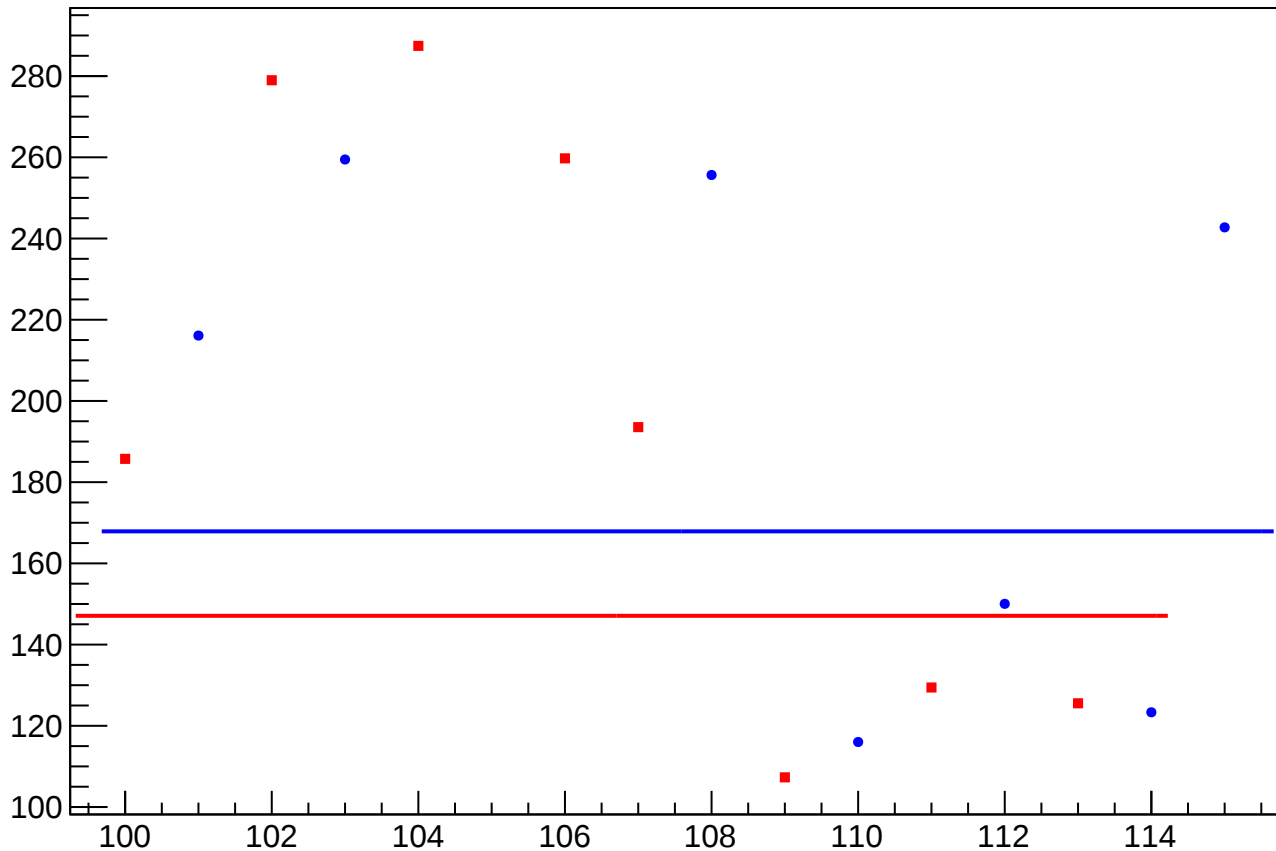
Right: 89.753+/-70.481 χ^2/NDF : 3.0/14

In: 107.157+/-110.946 χ^2/NDF : 1.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.753+/-70.481 χ^2/NDF : 3.0/14

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 167.887+/-0.078 χ^2/NDF : 483286.7/6

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

Right Out: 147.091+/-0.065 χ^2/NDF : 776720.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

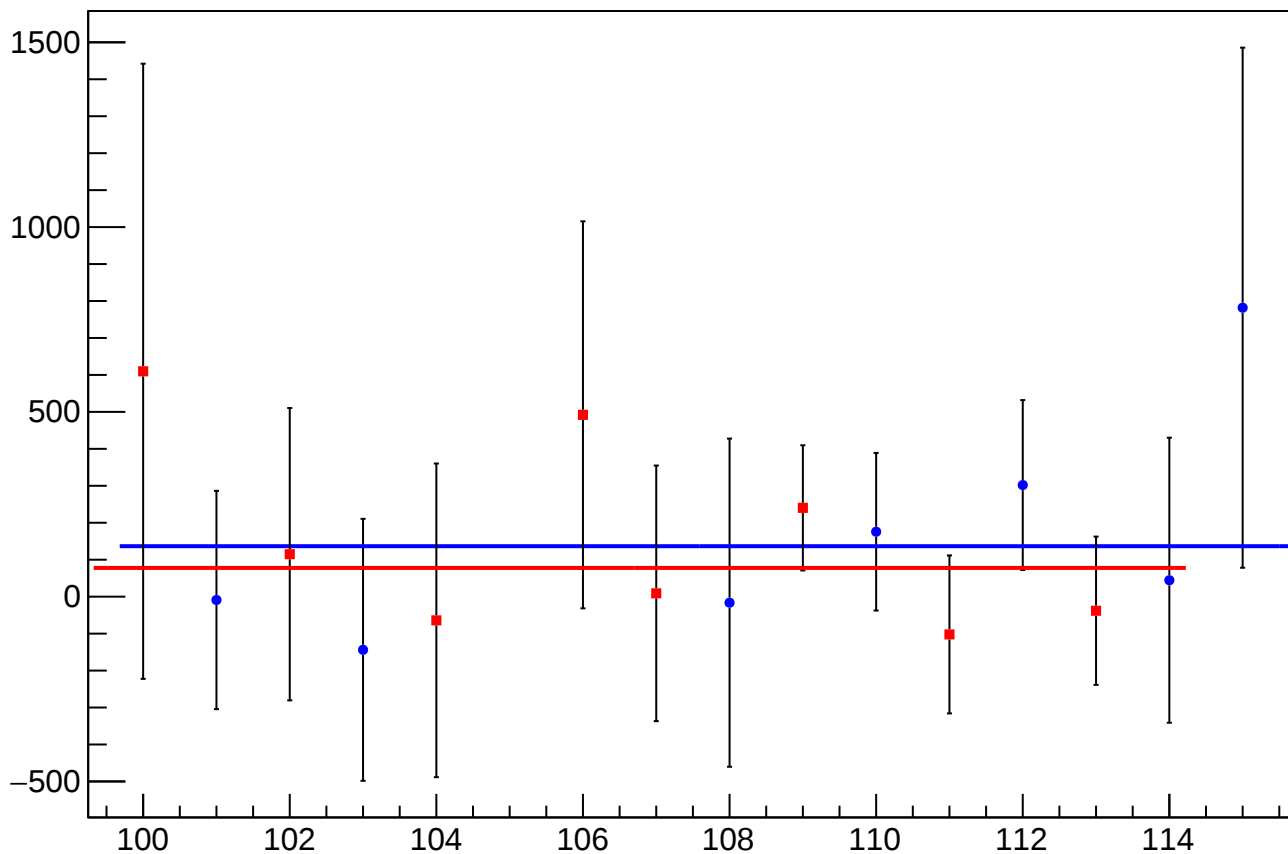
Right: 155.484+/-0.050 χ^2/NDF : 1301921.2/14

In: 167.887+/-0.078 χ^2/NDF : 483286.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.484+/-0.050 χ^2/NDF : 1301921.2/14

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 136.531 $\pm$ 116.130 χ^2 /NDF: 2.4/6

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

Right Out: 77.780 $\pm$ 96.676 χ^2 /NDF: 3.2/7

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

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

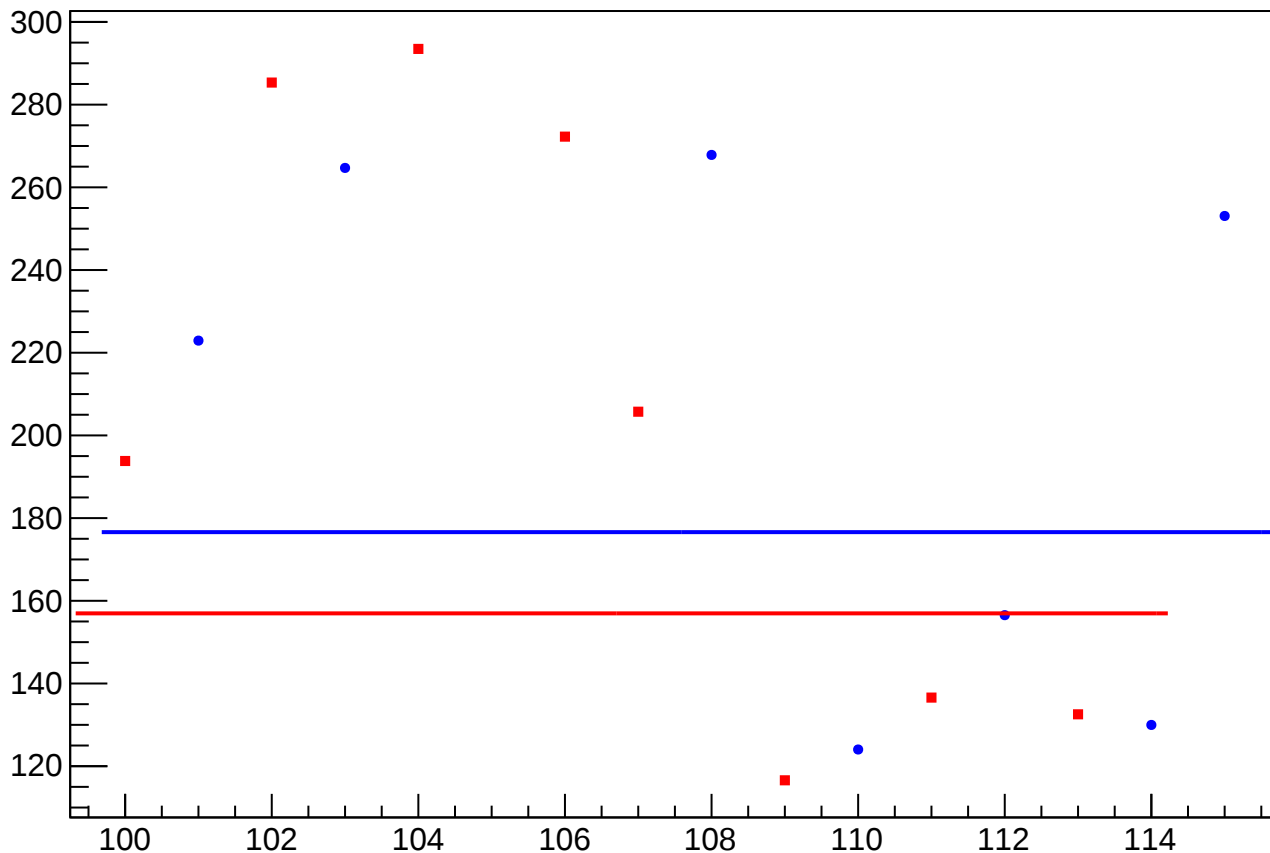
Right: 101.829 $\pm$ 74.300 χ^2 /NDF: 5.7/14

In: 136.531 $\pm$ 116.130 χ^2 /NDF: 2.4/6

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

All: 101.829 $\pm$ 74.300 χ^2 /NDF: 5.7/14

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 176.608+/-0.082 χ^2/NDF : 446845.2/6

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

Right Out: 156.961+/-0.068 χ^2/NDF : 719716.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

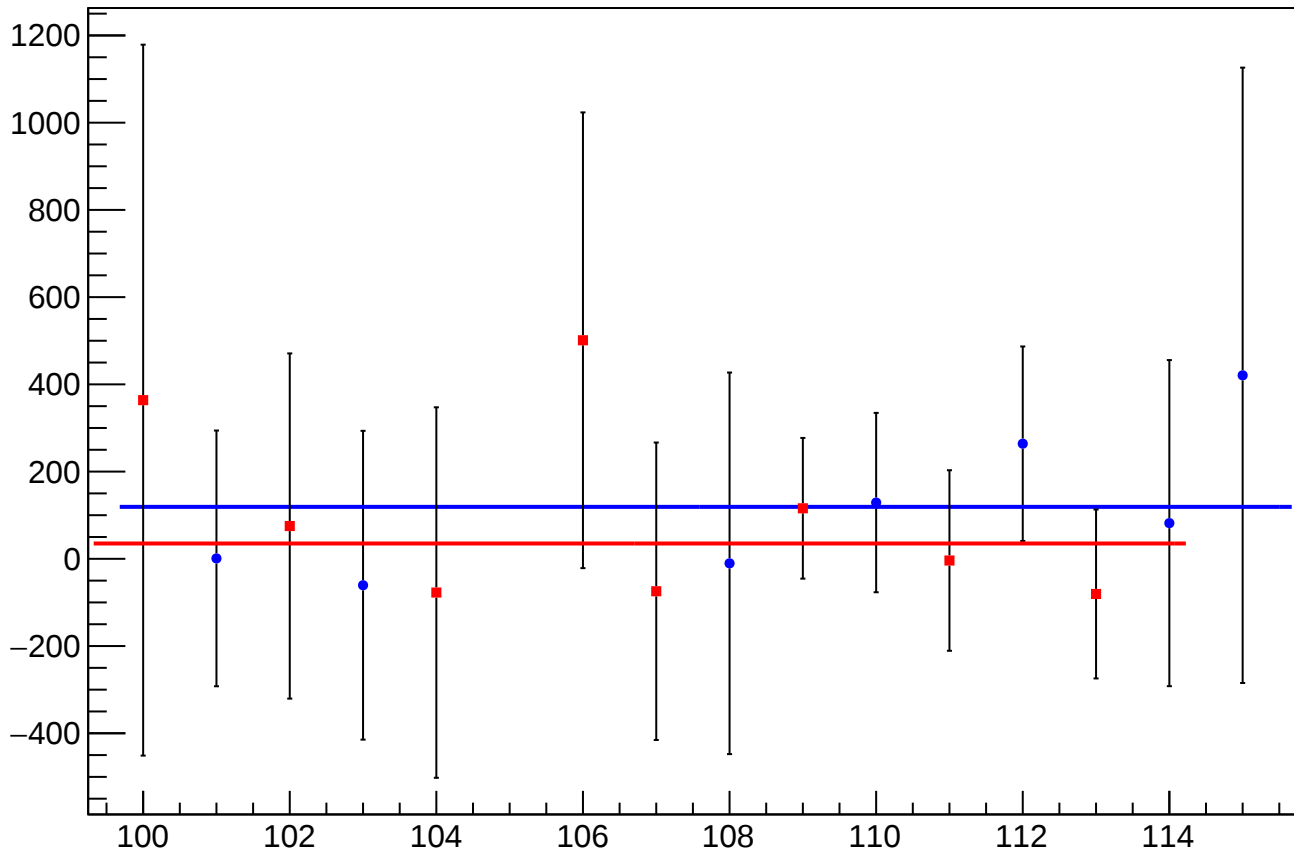
Right: 165.004+/-0.053 χ^2/NDF : 1200372.3/14

In: 176.608+/-0.082 χ^2/NDF : 446845.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.004+/-0.053 χ^2/NDF : 1200372.3/14

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 119.127+/-113.391 χ^2/NDF : 1.1/6

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

Right Out: 35.122+/-93.611 χ^2/NDF : 1.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

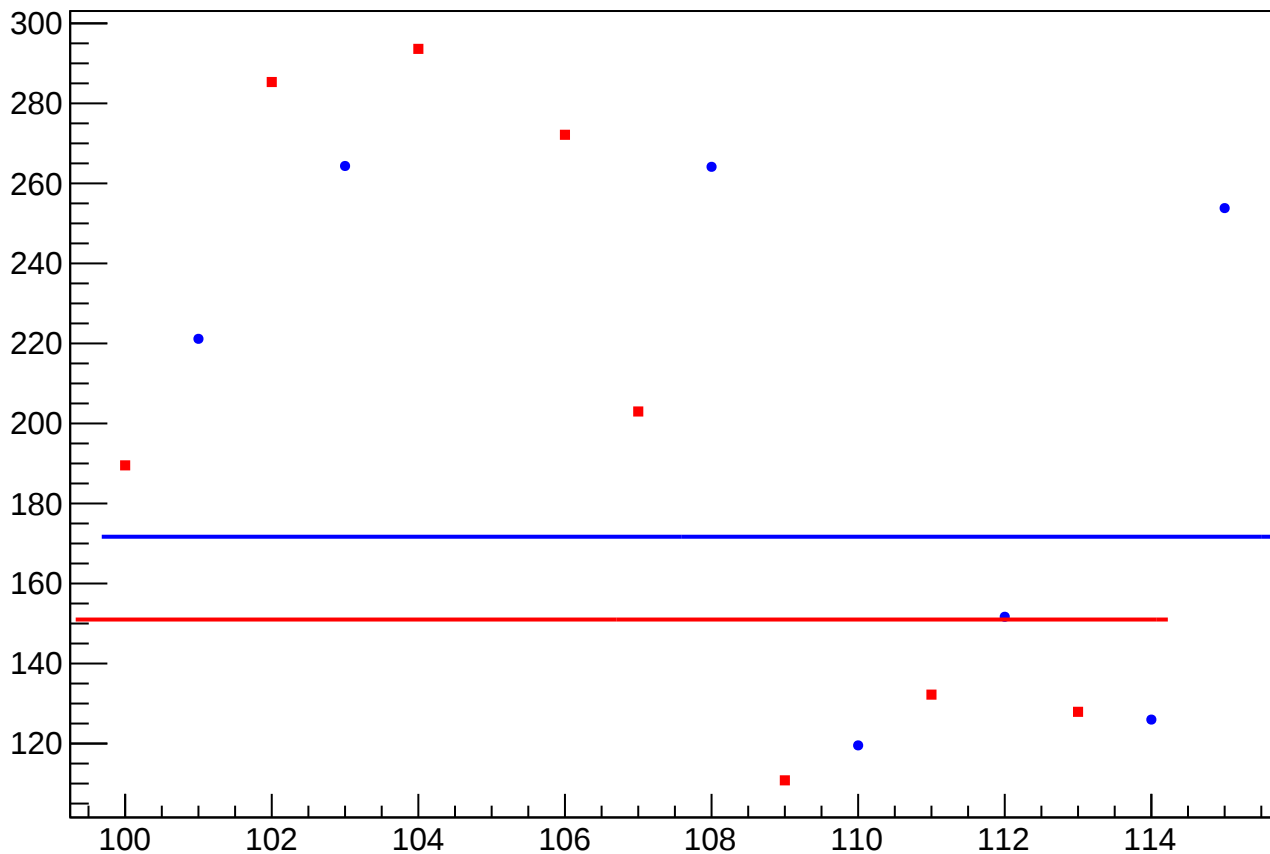
Right: 69.170+/-72.189 χ^2/NDF : 3.2/14

In: 119.127+/-113.391 χ^2/NDF : 1.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.170+/-72.189 χ^2/NDF : 3.2/14

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 171.691+/-0.080 χ^2/NDF : 485024.6/6

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

Right Out: 150.995+/-0.066 χ^2/NDF : 783425.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

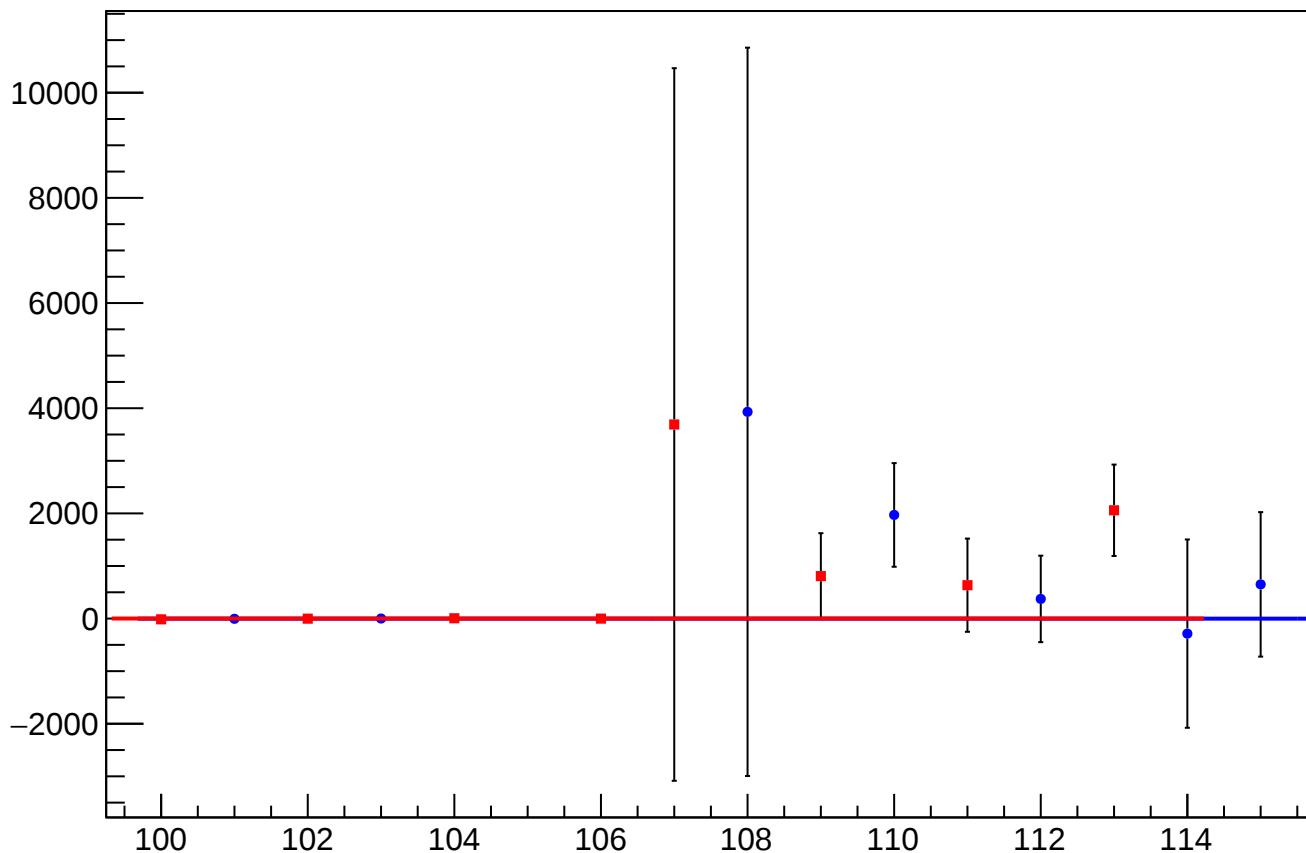
Right: 159.383+/-0.051 χ^2/NDF : 1308070.9/14

In: 171.691+/-0.080 χ^2/NDF : 485024.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.383+/-0.051 χ^2/NDF : 1308070.9/14

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.505+/-2.252 χ^2/NDF : 6.1/6

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

Right Out: 0.733+/-2.111 χ^2/NDF : 13.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

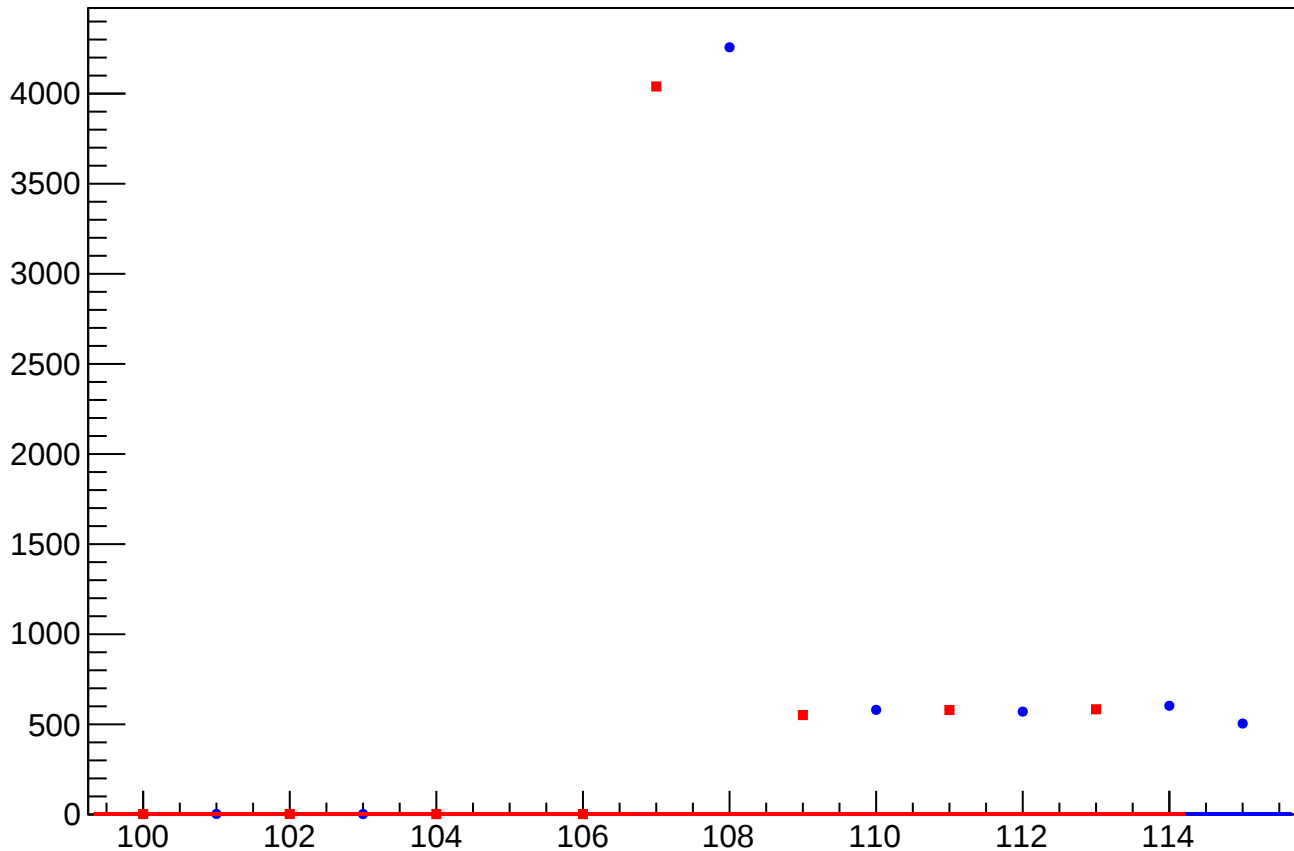
Right: -0.314+/-1.540 χ^2/NDF : 19.9/14

In: -1.505+/-2.252 χ^2/NDF : 6.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.314+/-1.540 χ^2/NDF : 19.9/14

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.420+/-0.002 χ^2/NDF : 2904112.3/6

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

Right Out: 2.406+/-0.001 χ^2/NDF : 3370311.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

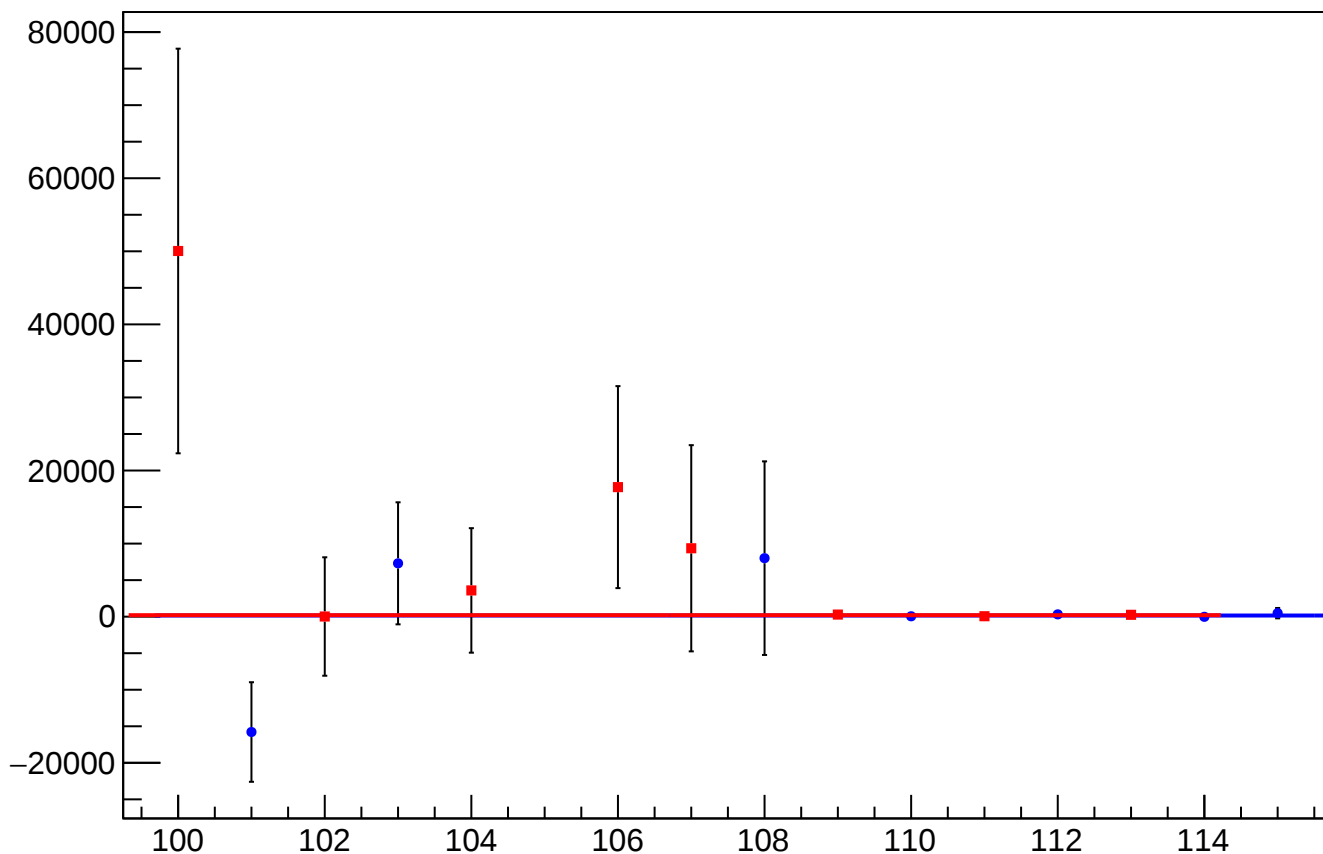
Right: 2.413+/-0.001 χ^2/NDF : 6274464.1/14

In: 2.420+/-0.002 χ^2/NDF : 2904112.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.413+/-0.001 χ^2/NDF : 6274464.1/14

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 157.264+/-140.122 χ^2/NDF : 7.7/6

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

Right Out: 202.919+/-122.308 χ^2/NDF : 6.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

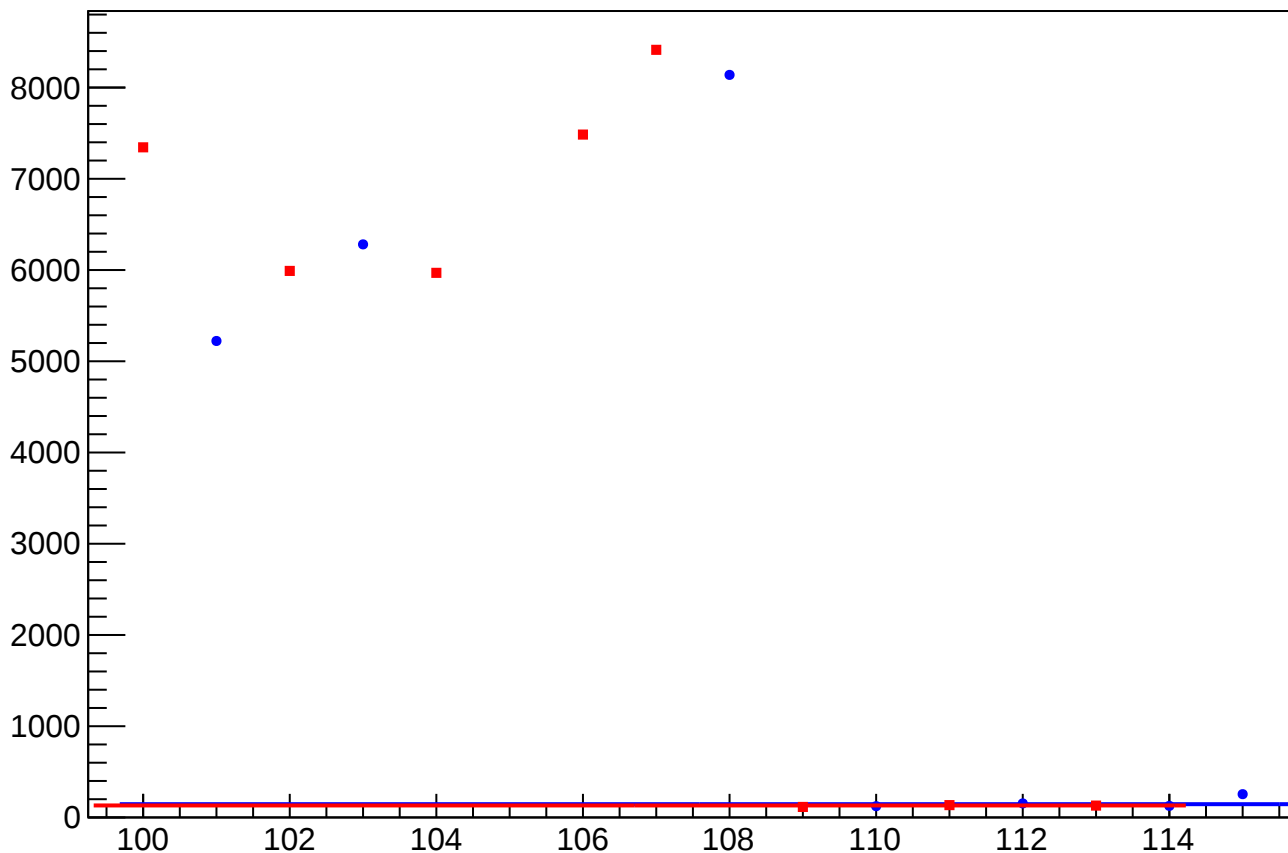
Right: 183.176+/-92.143 χ^2/NDF : 13.9/14

In: 157.264+/-140.122 χ^2/NDF : 7.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.176+/-92.143 χ^2/NDF : 13.9/14

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 145.553+/-0.099 χ^2/NDF : 2995560.3/6

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

Right Out: 131.560+/-0.086 χ^2/NDF : 3385829.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

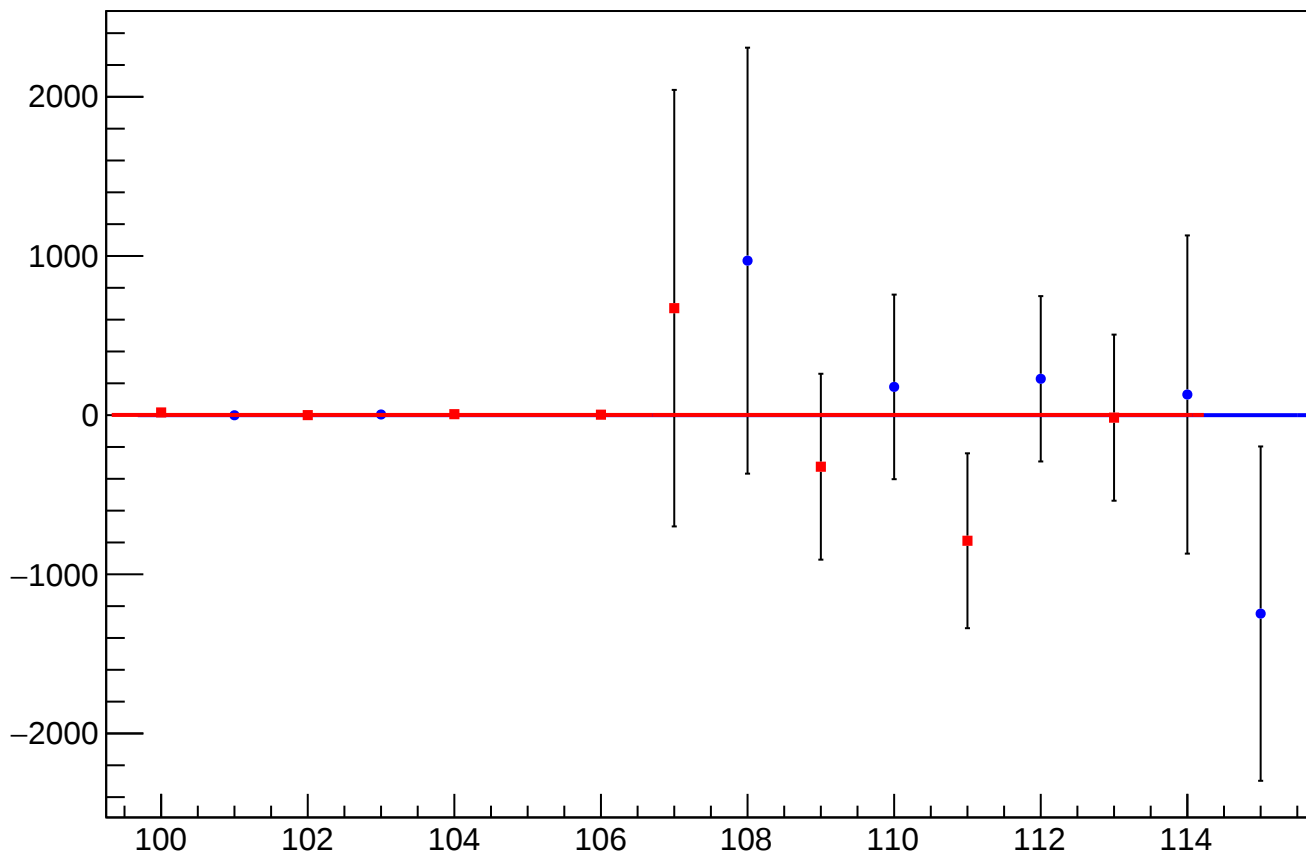
Right: 137.611+/-0.065 χ^2/NDF : 6392709.6/14

In: 145.553+/-0.099 χ^2/NDF : 2995560.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.611+/-0.065 χ^2/NDF : 6392709.6/14

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.157 ± 1.737 χ^2/NDF : 3.1/6

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

Right Out: 1.325 ± 1.623 χ^2/NDF : 5.4/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

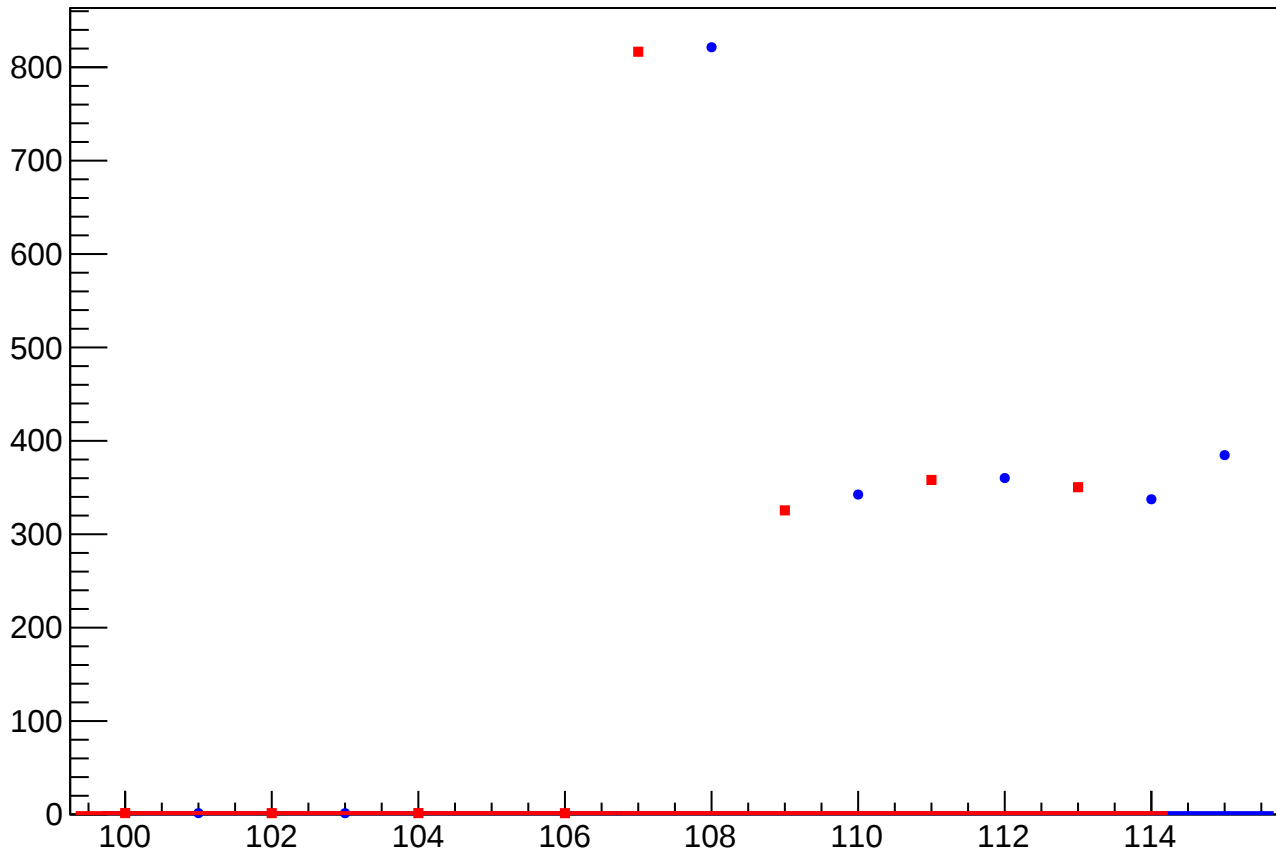
Right: 0.634 ± 1.186 χ^2/NDF : 8.8/14

In: -0.157 ± 1.737 χ^2/NDF : 3.1/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.634 ± 1.186 χ^2/NDF : 8.8/14

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.422+/-0.001 χ^2/NDF : 2889806.3/6

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

Right Out: 1.424+/-0.001 χ^2/NDF : 3060861.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

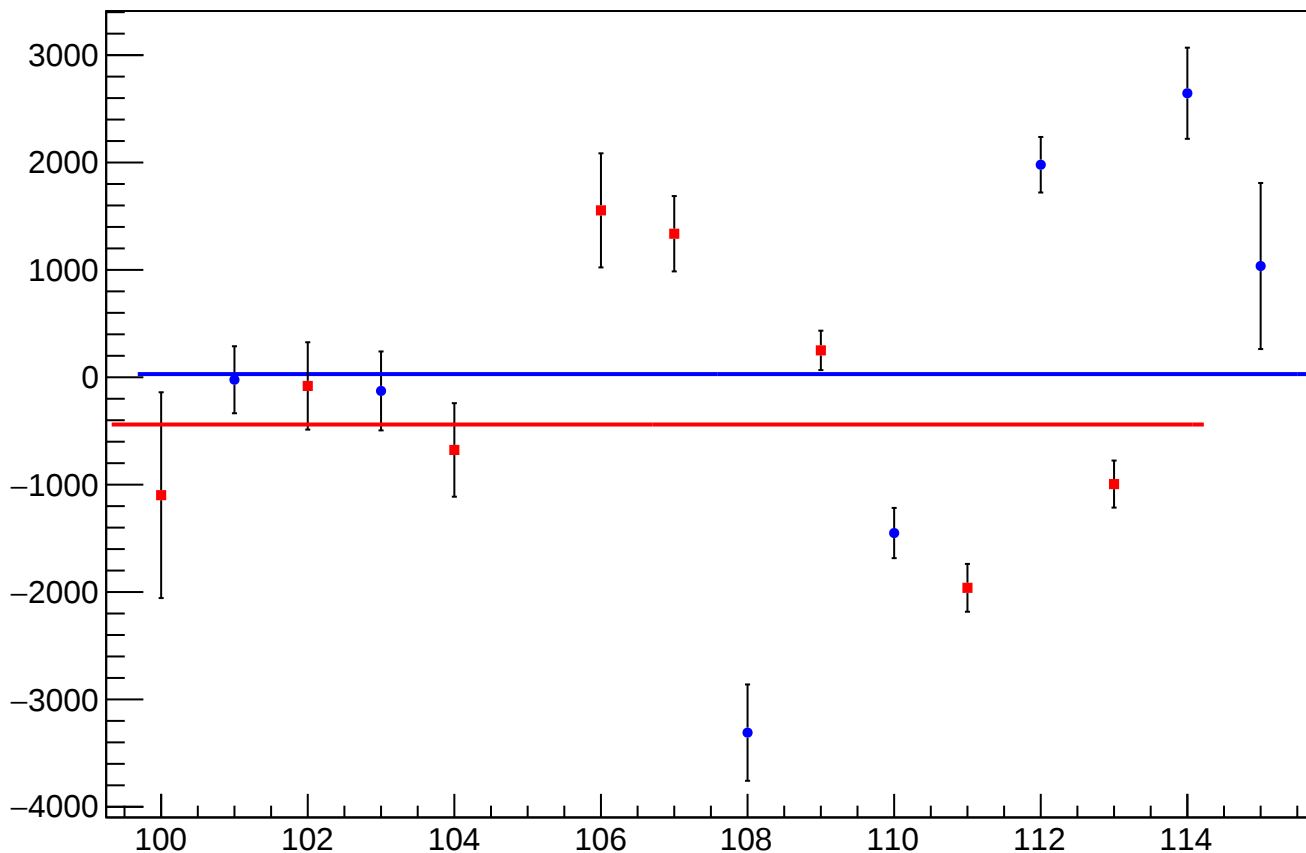
Right: 1.423+/-0.001 χ^2/NDF : 5950670.7/14

In: 1.422+/-0.001 χ^2/NDF : 2889806.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.423+/-0.001 χ^2/NDF : 5950670.7/14

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 29.654+/-125.912 χ^2/NDF : 192.1/6

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

Right Out: -439.952+/-102.700 χ^2/NDF : 108.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

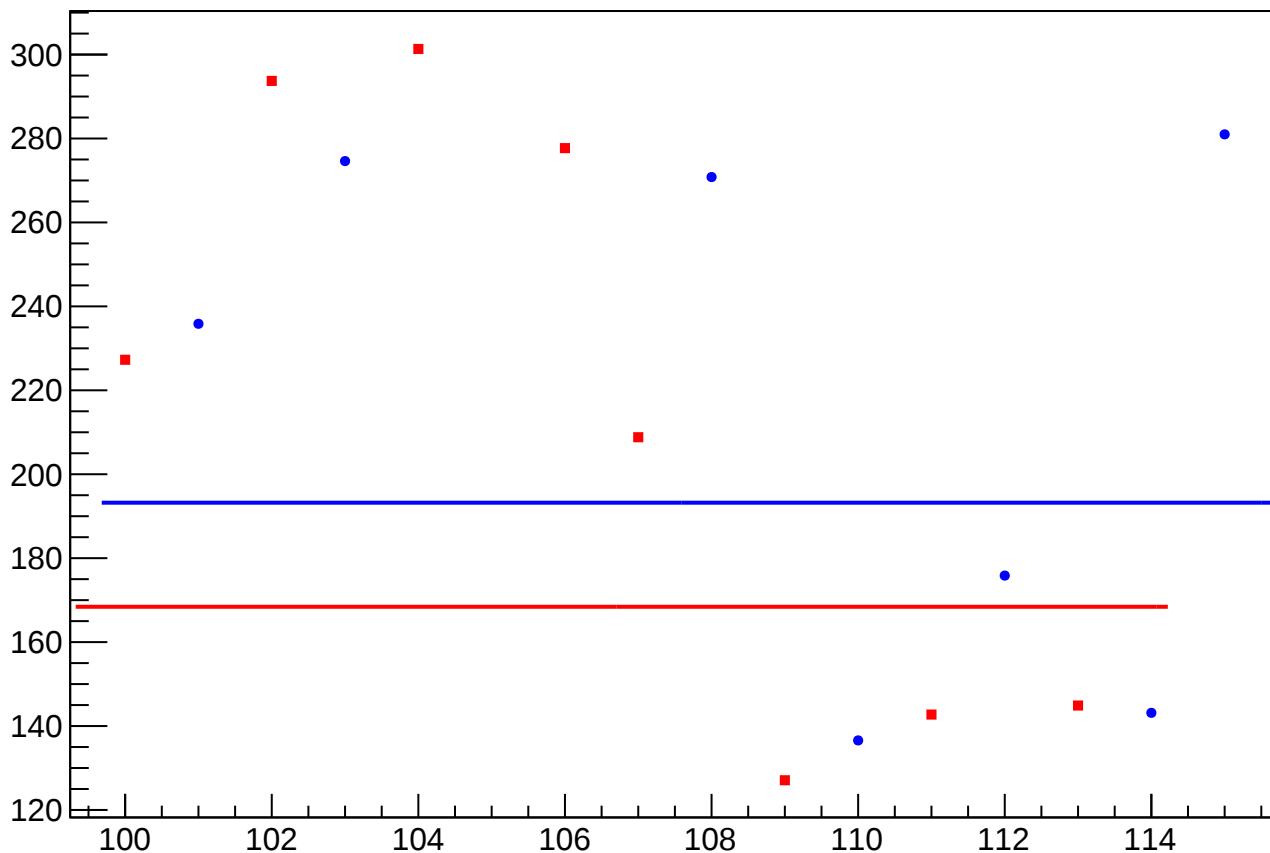
Right: -252.344+/-79.584 χ^2/NDF : 309.0/14

In: 29.654+/-125.912 χ^2/NDF : 192.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -252.344+/-79.584 χ^2/NDF : 309.0/14

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 193.221+/-0.089 χ^2/NDF : 375088.8/6

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

Right Out: 168.422+/-0.073 χ^2/NDF : 646059.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

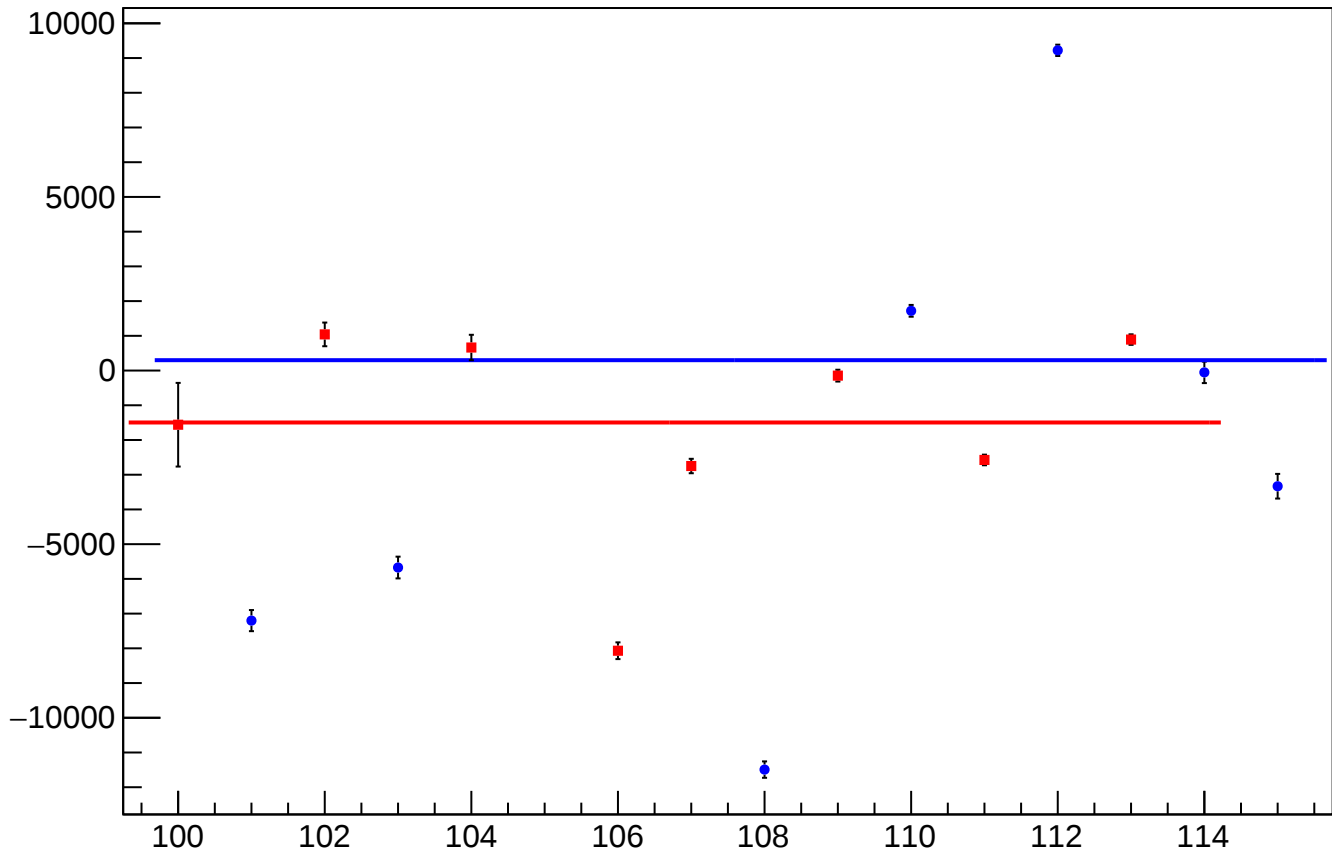
Right: 178.329+/-0.056 χ^2/NDF : 1067735.4/14

In: 193.221+/-0.089 χ^2/NDF : 375088.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.329+/-0.056 χ^2/NDF : 1067735.4/14

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 298.579+/-87.802 χ^2/NDF : 6639.4/6

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

Right Out: -1495.876+/-74.928 χ^2/NDF : 1233.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

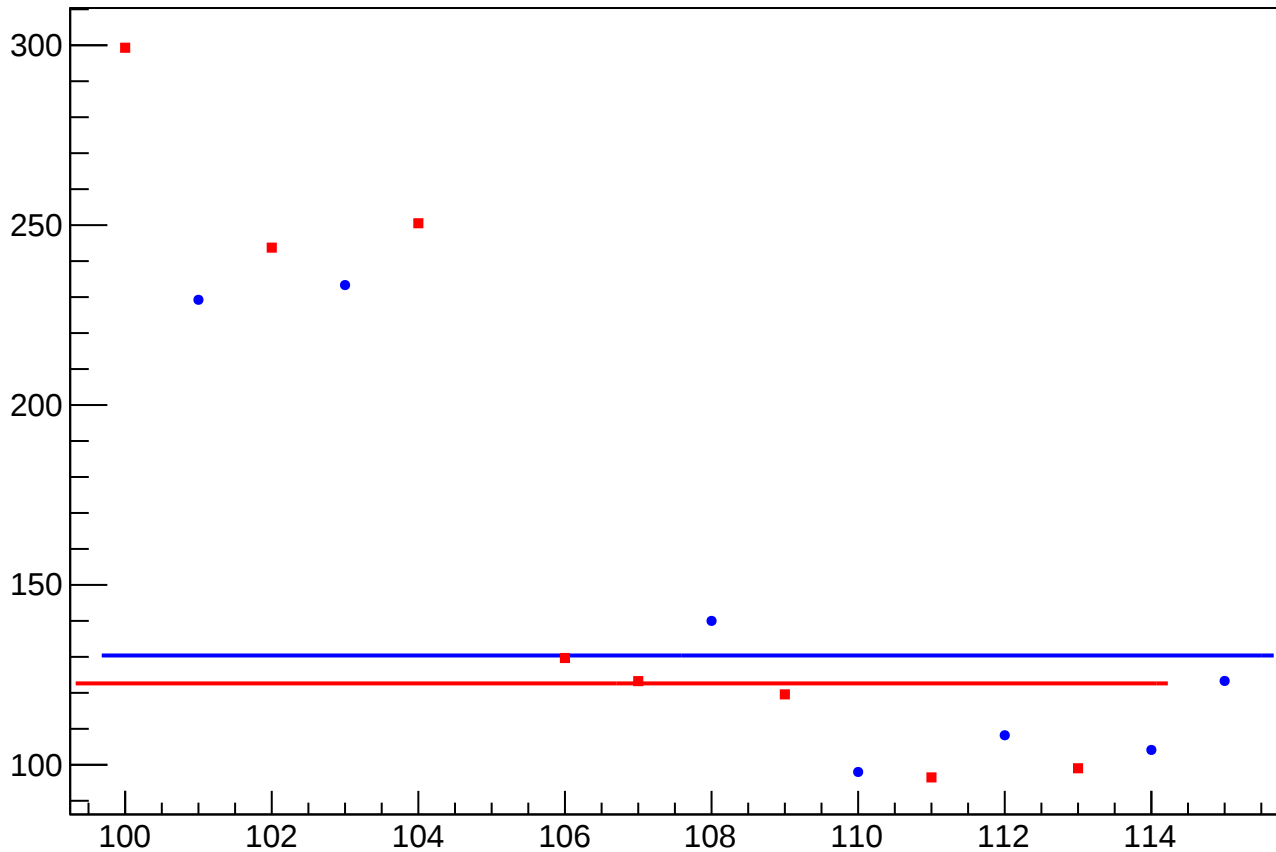
Right: -739.725+/-56.996 χ^2/NDF : 8114.3/14

In: 298.579+/-87.802 χ^2/NDF : 6639.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -739.725+/-56.996 χ^2/NDF : 8114.3/14

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 130.385+/-0.062 χ^2/NDF : 555782.0/6

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

Right Out: 122.627+/-0.053 χ^2/NDF : 648167.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

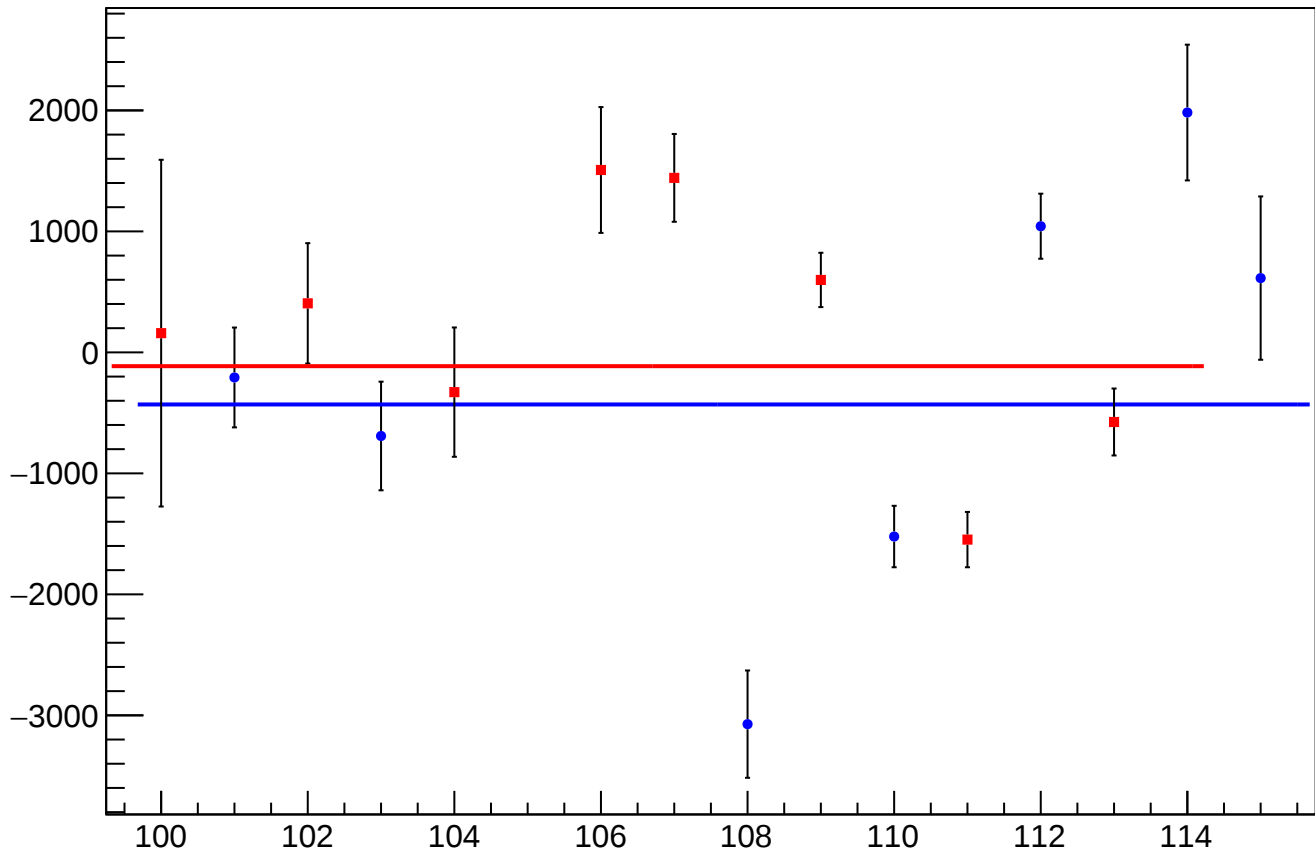
Right: 125.896+/-0.040 χ^2/NDF : 1212984.0/14

In: 130.385+/-0.062 χ^2/NDF : 555782.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.896+/-0.040 χ^2/NDF : 1212984.0/14

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -430.526+/-140.533 χ^2/NDF : 105.5/6

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

Right Out: -114.027+/-118.388 χ^2/NDF : 81.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

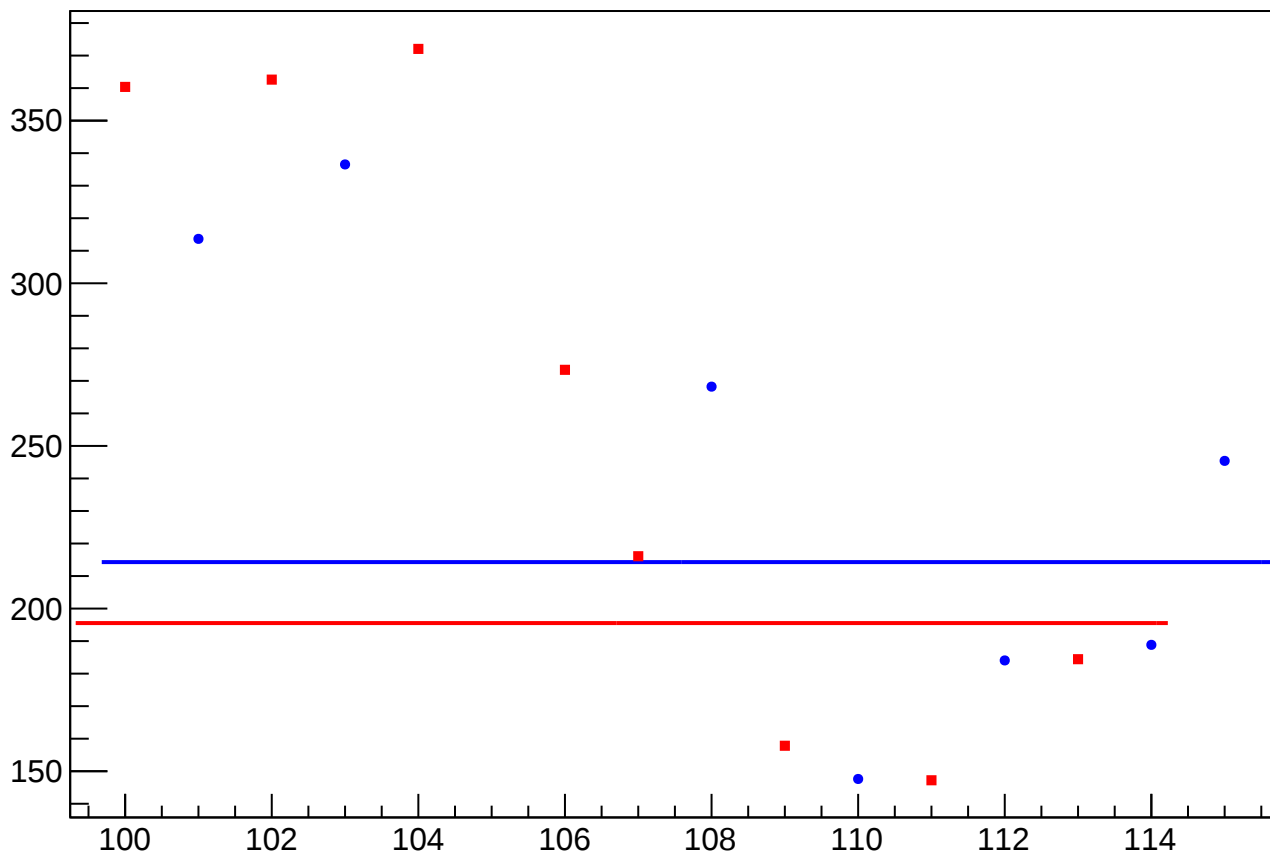
Right: -245.403+/-90.542 χ^2/NDF : 190.0/14

In: -430.526+/-140.533 χ^2/NDF : 105.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -245.403+/-90.542 χ^2/NDF : 190.0/14

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 214.288+/-0.099 χ^2/NDF : 465373.2/6

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

Right Out: 195.544+/-0.084 χ^2/NDF : 670419.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

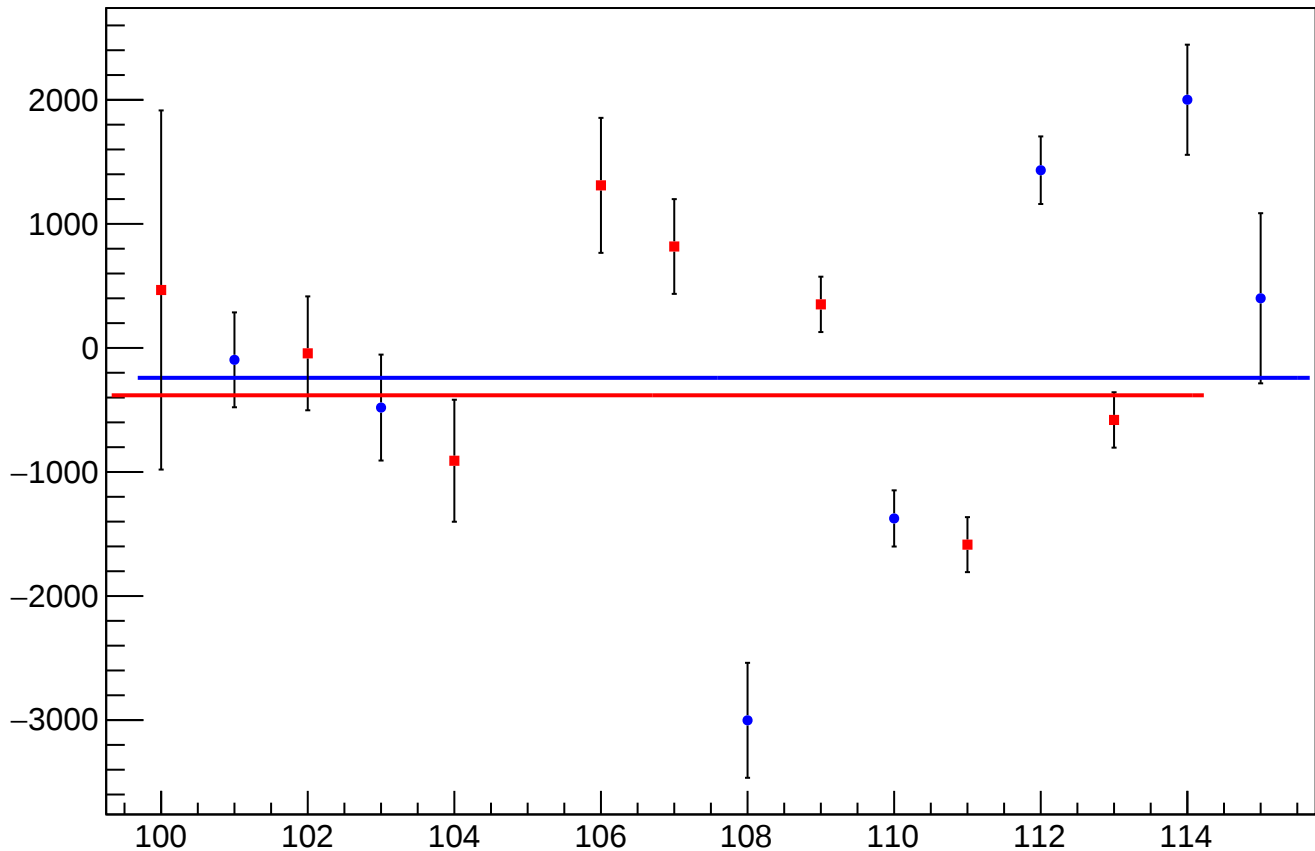
Right: 203.325+/-0.064 χ^2/NDF : 1156602.8/14

In: 214.288+/-0.099 χ^2/NDF : 465373.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.325+/-0.064 χ^2/NDF : 1156602.8/14

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -240.904+/-132.281 χ^2/NDF : 125.1/6

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

Right Out: -381.690+/-111.744 χ^2/NDF : 62.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

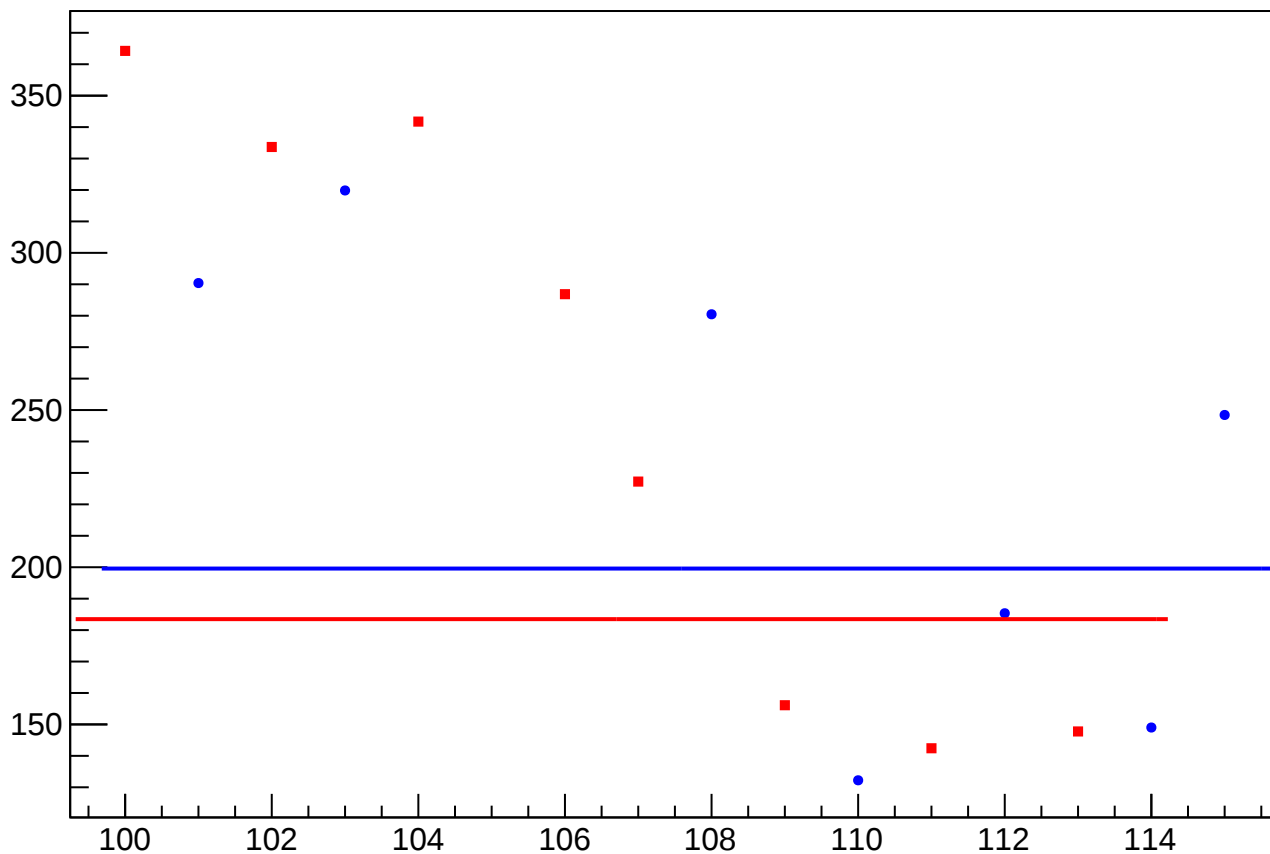
Right: -323.062+/-85.363 χ^2/NDF : 188.4/14

In: -240.904+/-132.281 χ^2/NDF : 125.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -323.062+/-85.363 χ^2/NDF : 188.4/14

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 199.578+/-0.094 χ^2/NDF : 550868.4/6

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

Right Out: 183.487+/-0.079 χ^2/NDF : 700795.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

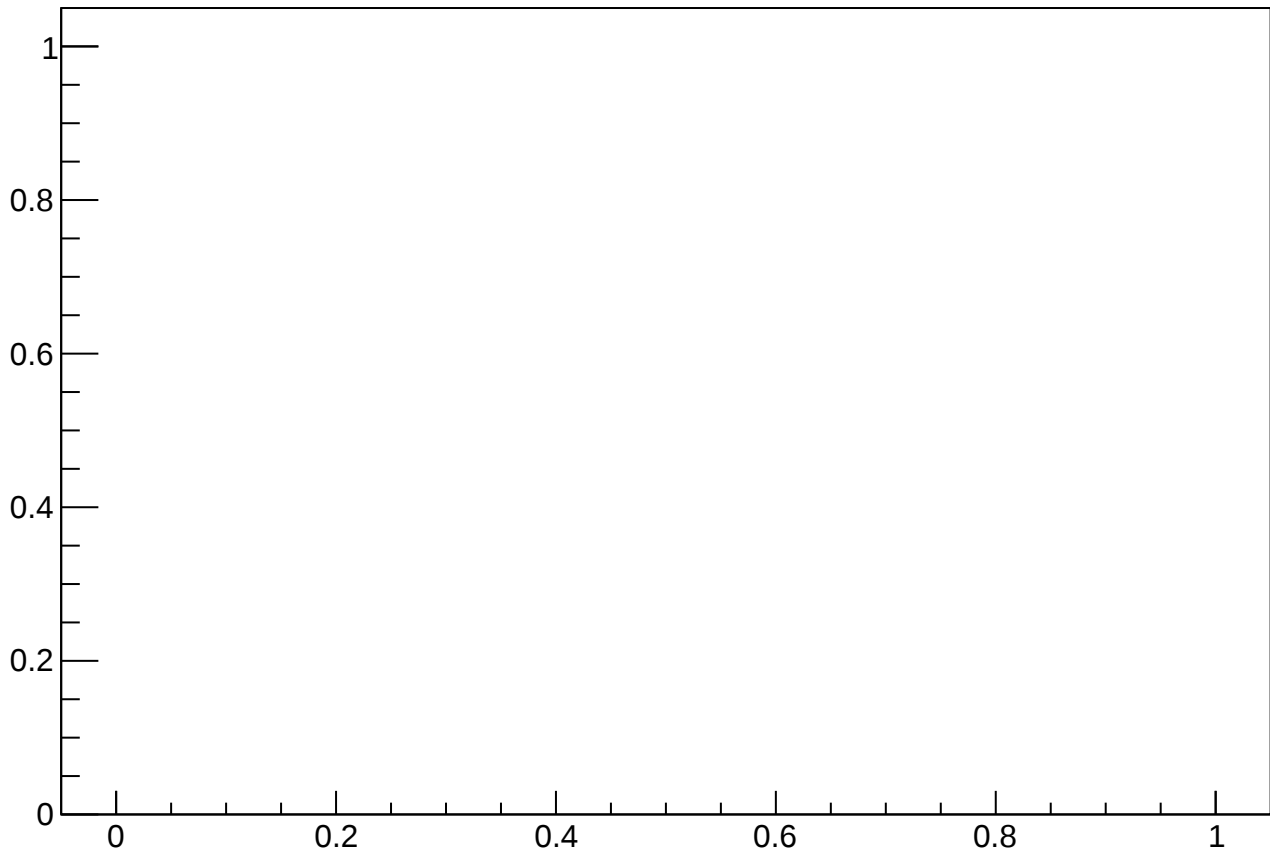
Right: 190.187+/-0.060 χ^2/NDF : 1268933.9/14

In: 199.578+/-0.094 χ^2/NDF : 550868.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.187+/-0.060 χ^2/NDF : 1268933.9/14

bcm_an_us_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

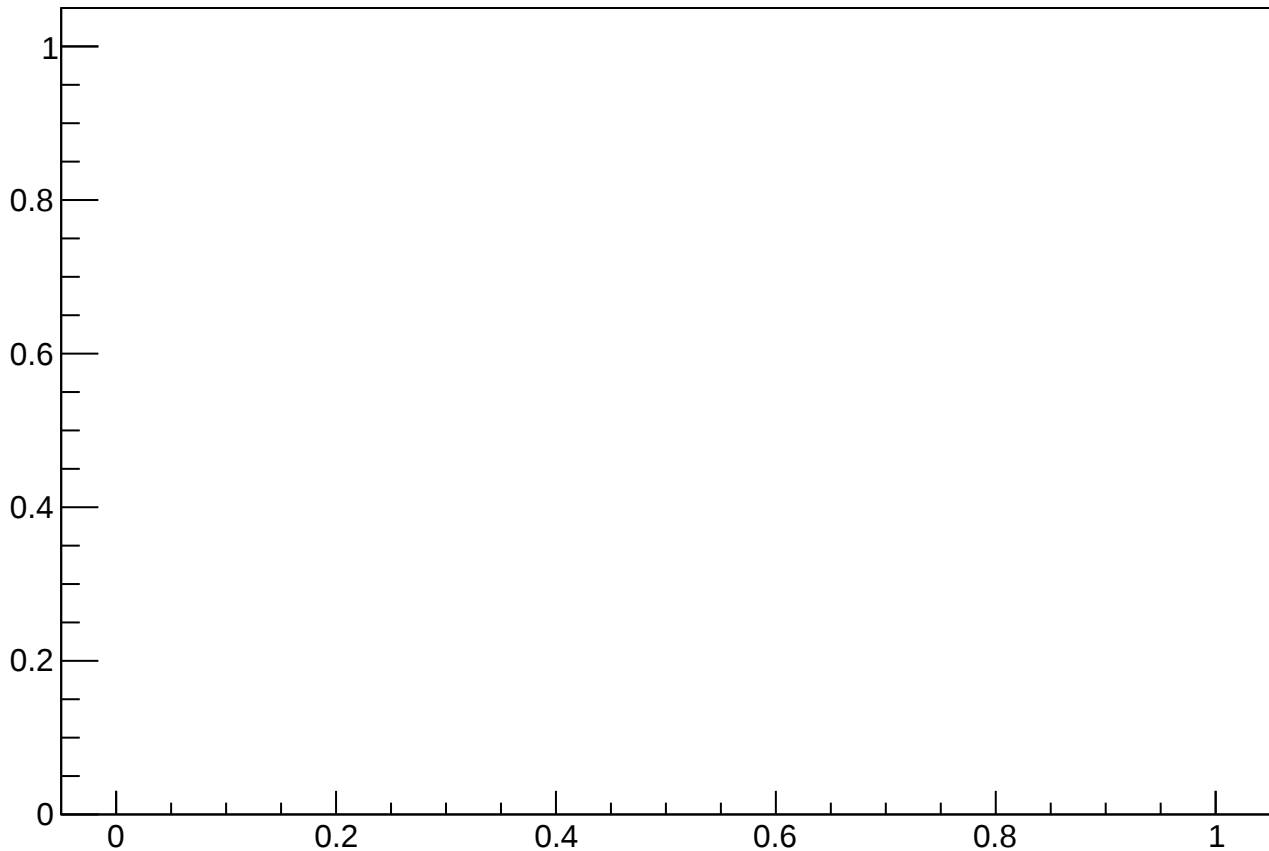
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

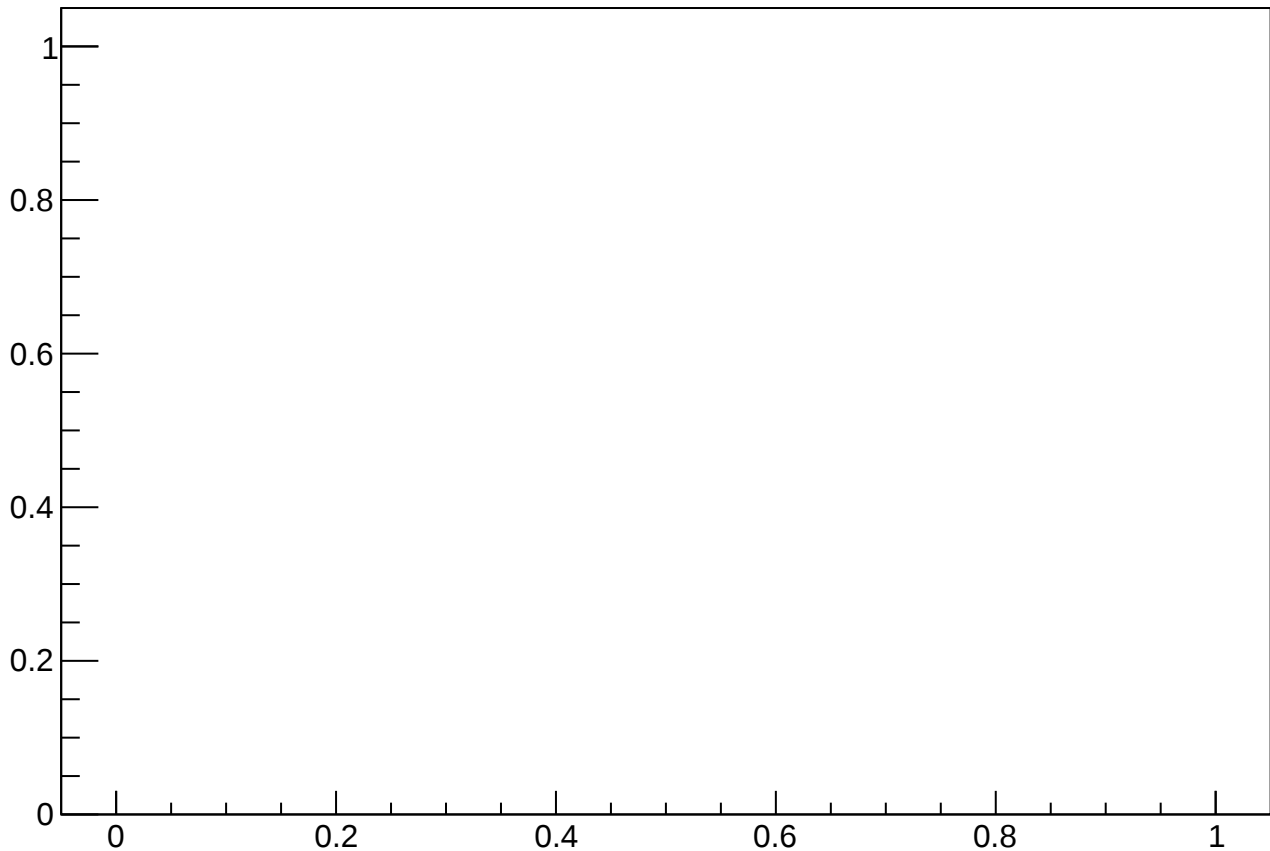
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

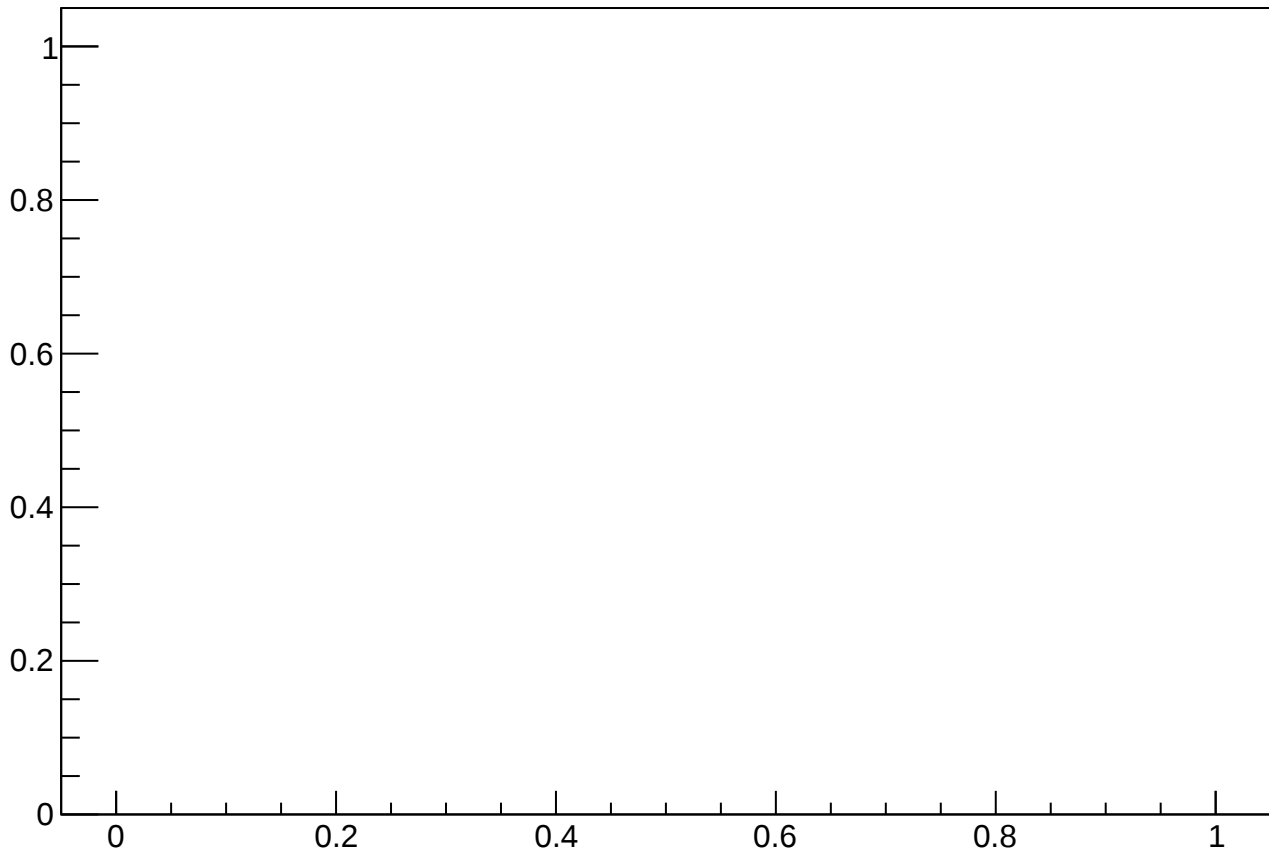
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

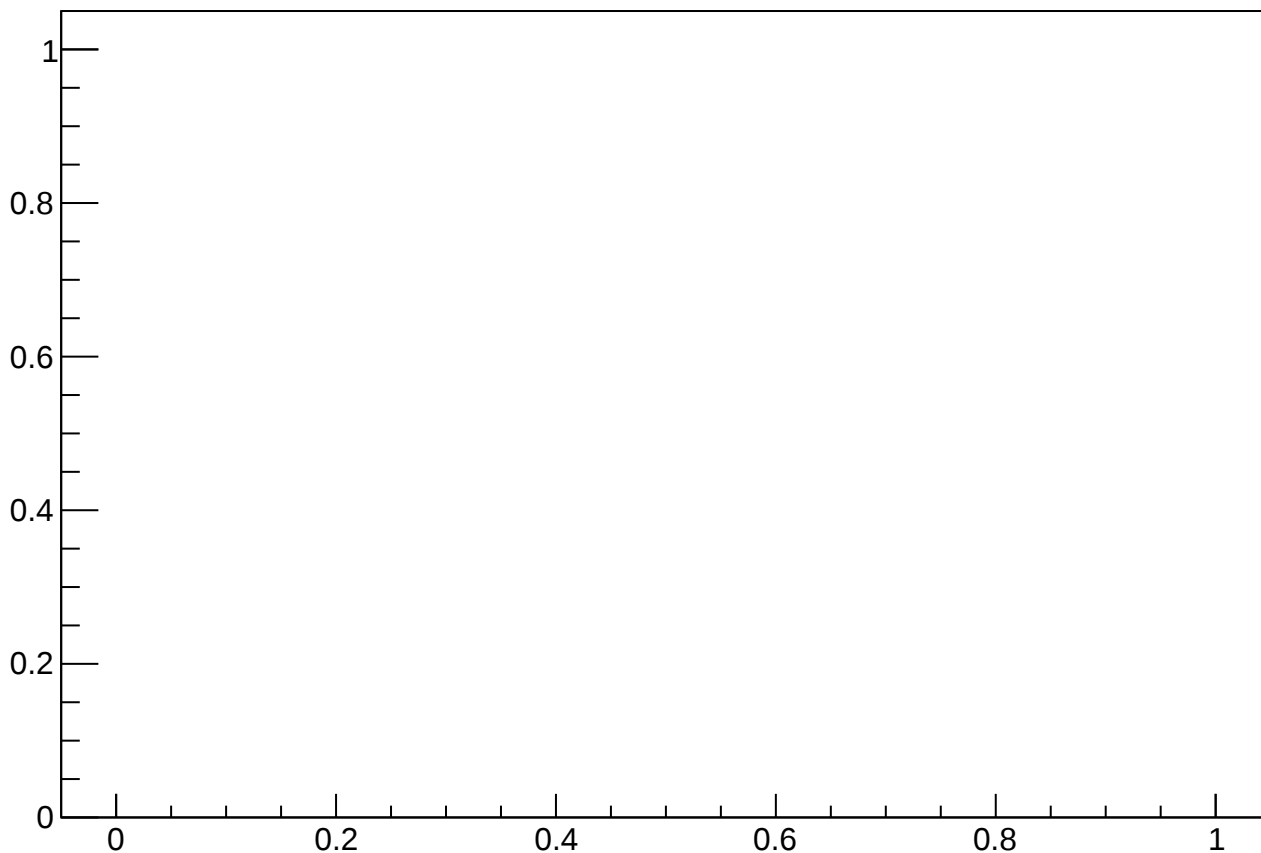
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

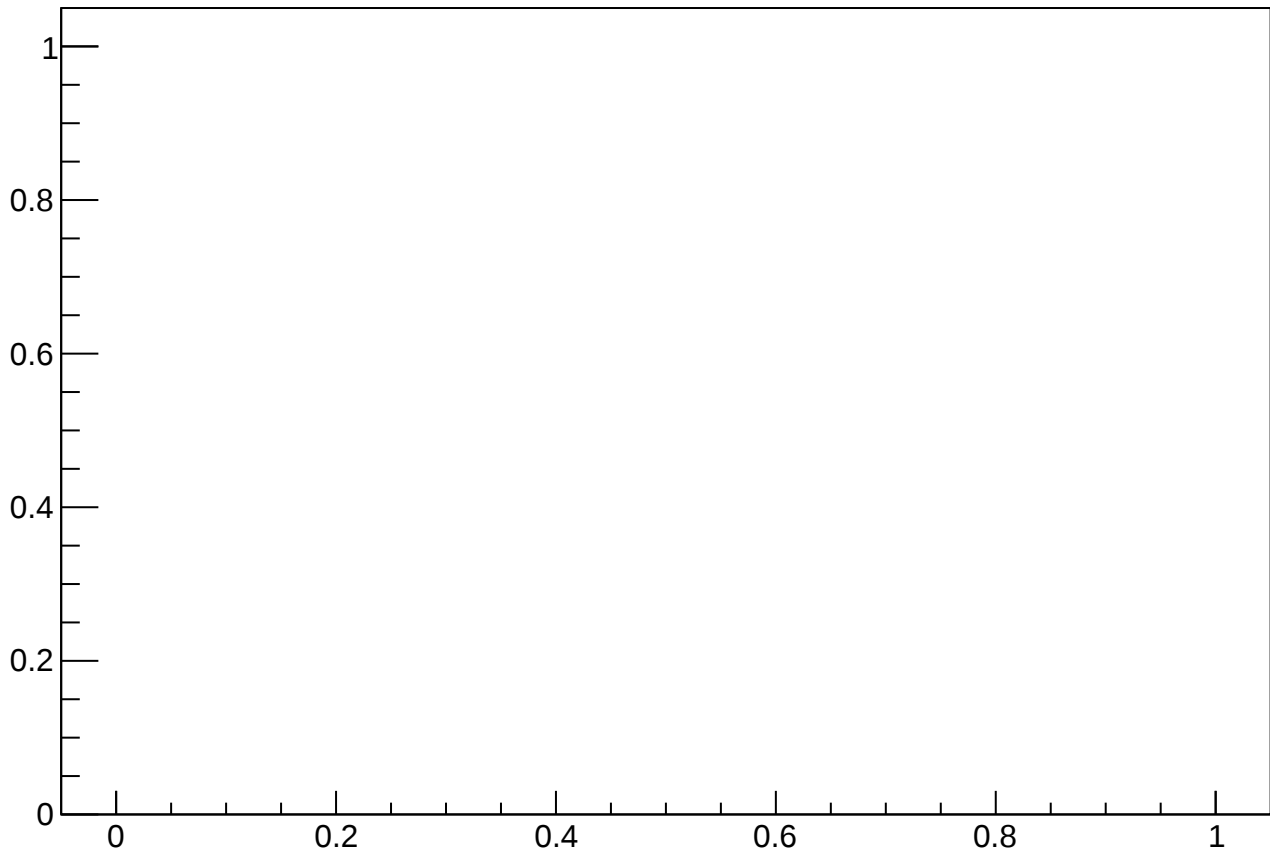
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

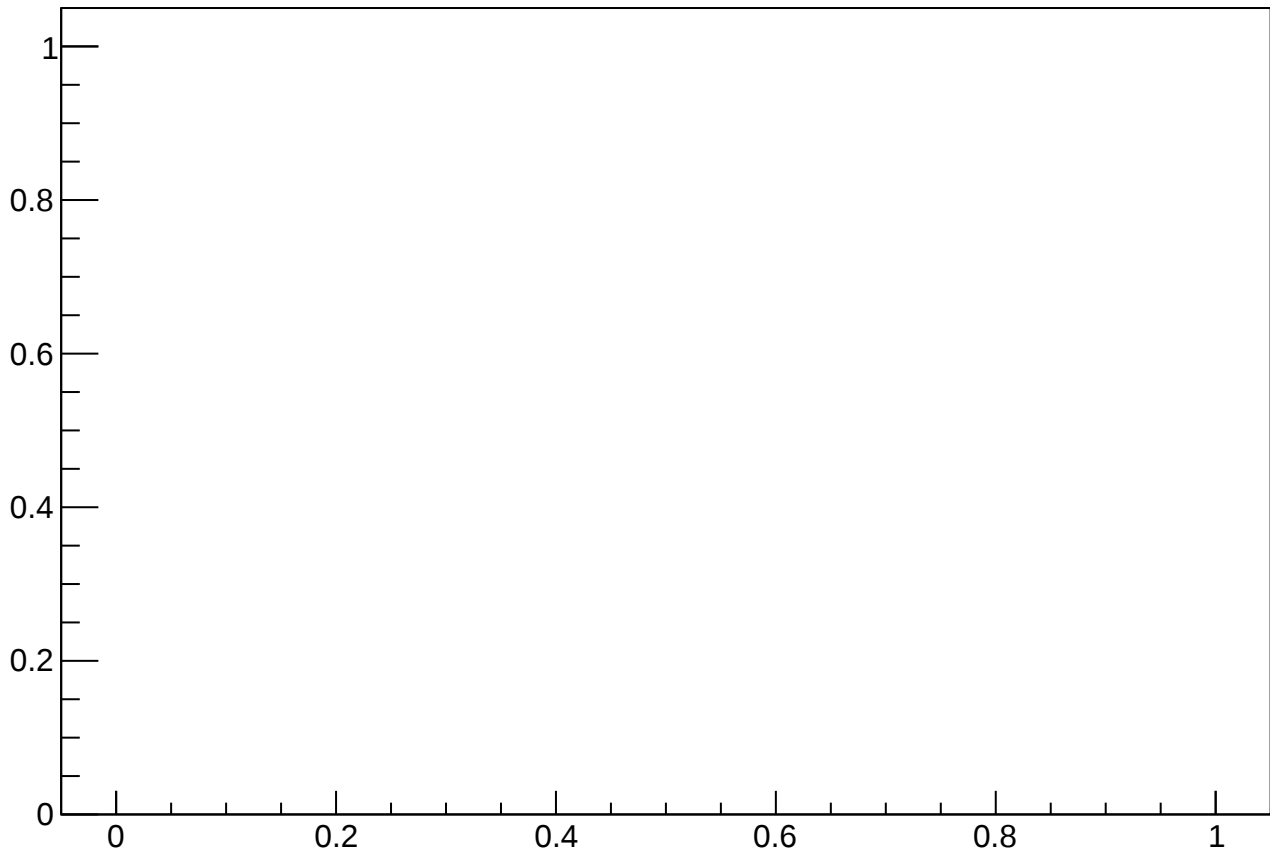
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

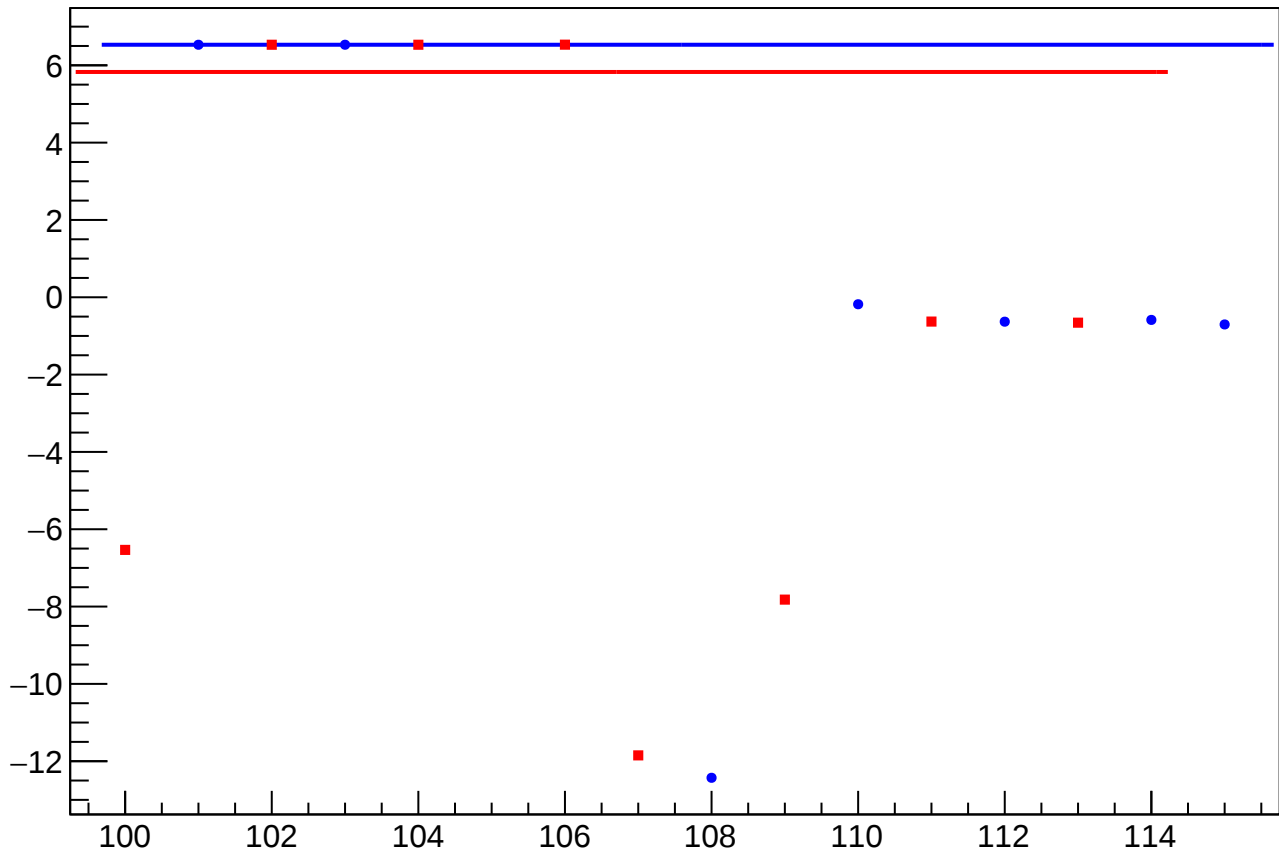
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 : 36466742071.6/6

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

Right Out: 5.828+/-0.000 χ^2/NDF : 755876671191460.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

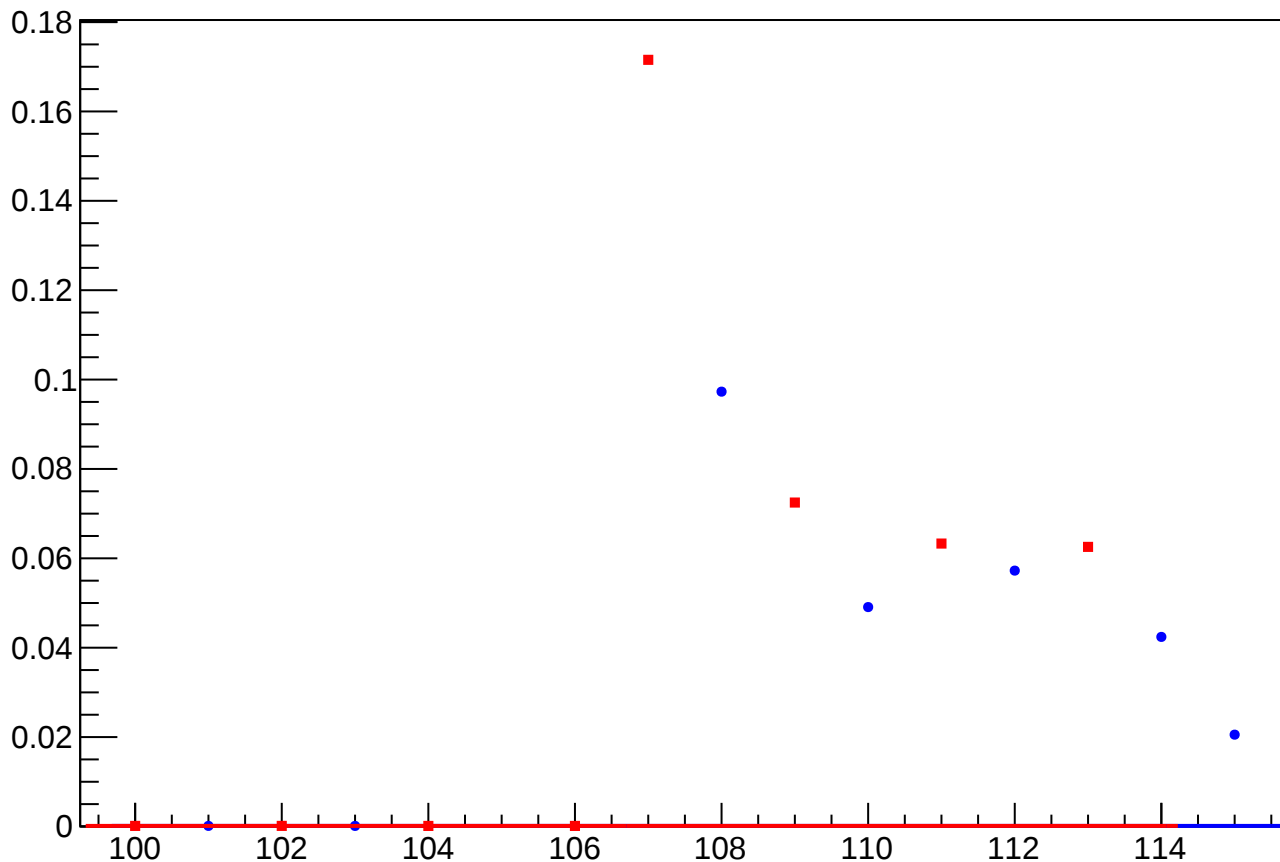
Right: 6.155+/-0.000 χ^2/NDF : 775917596262211.6/6

In: 6.532+/-0.000 χ^2/NDF : 36466742071.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.155+/-0.000 χ^2/NDF : 775917596262211.6/6

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2326409.2/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2775875.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

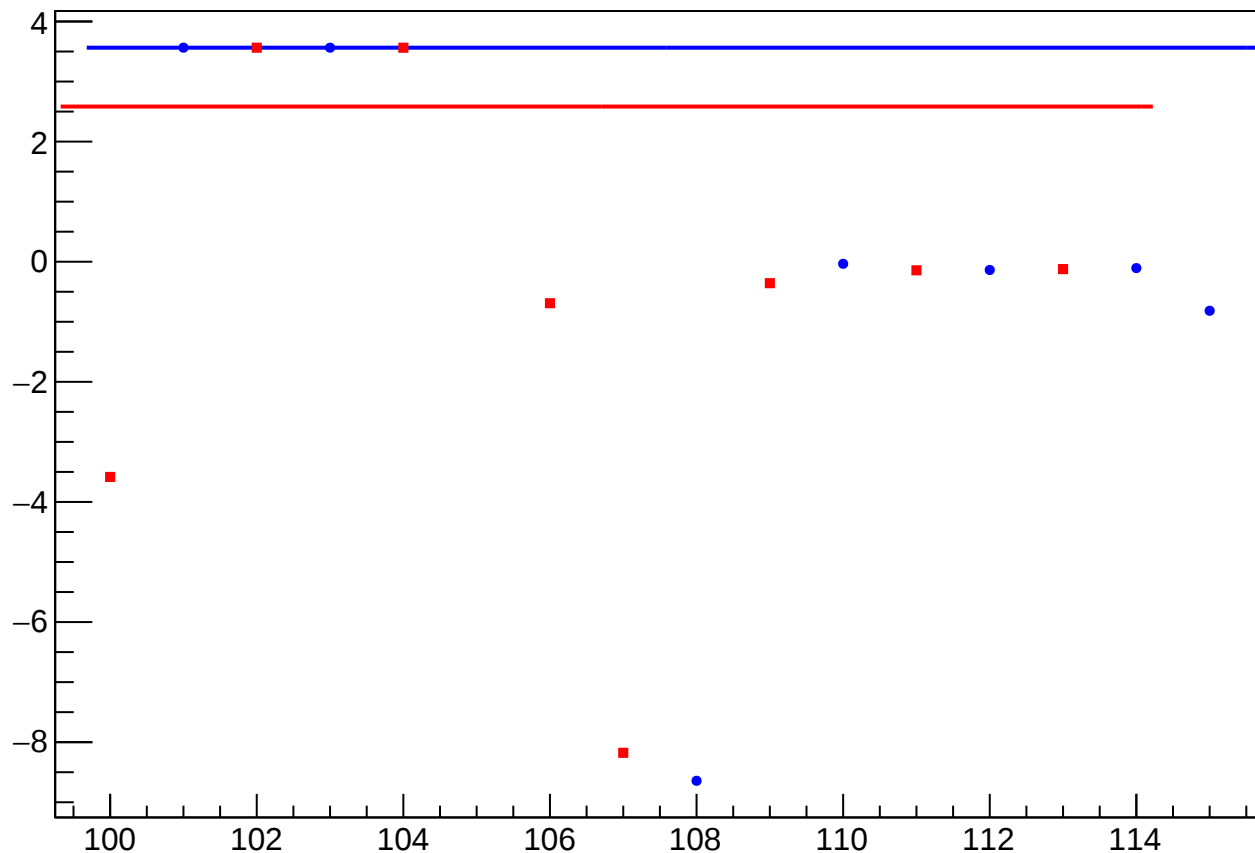
Right: 0.000+/-0.000 χ^2/NDF : 5102501.7/14

In: 0.000+/-0.000 χ^2/NDF : 2326409.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5102501.7/14

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 3.564+/-0.000 χ^2/NDF : 30177796590.6/6

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

Right Out: 2.584+/-0.000 χ^2/NDF : 1253249645171404.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

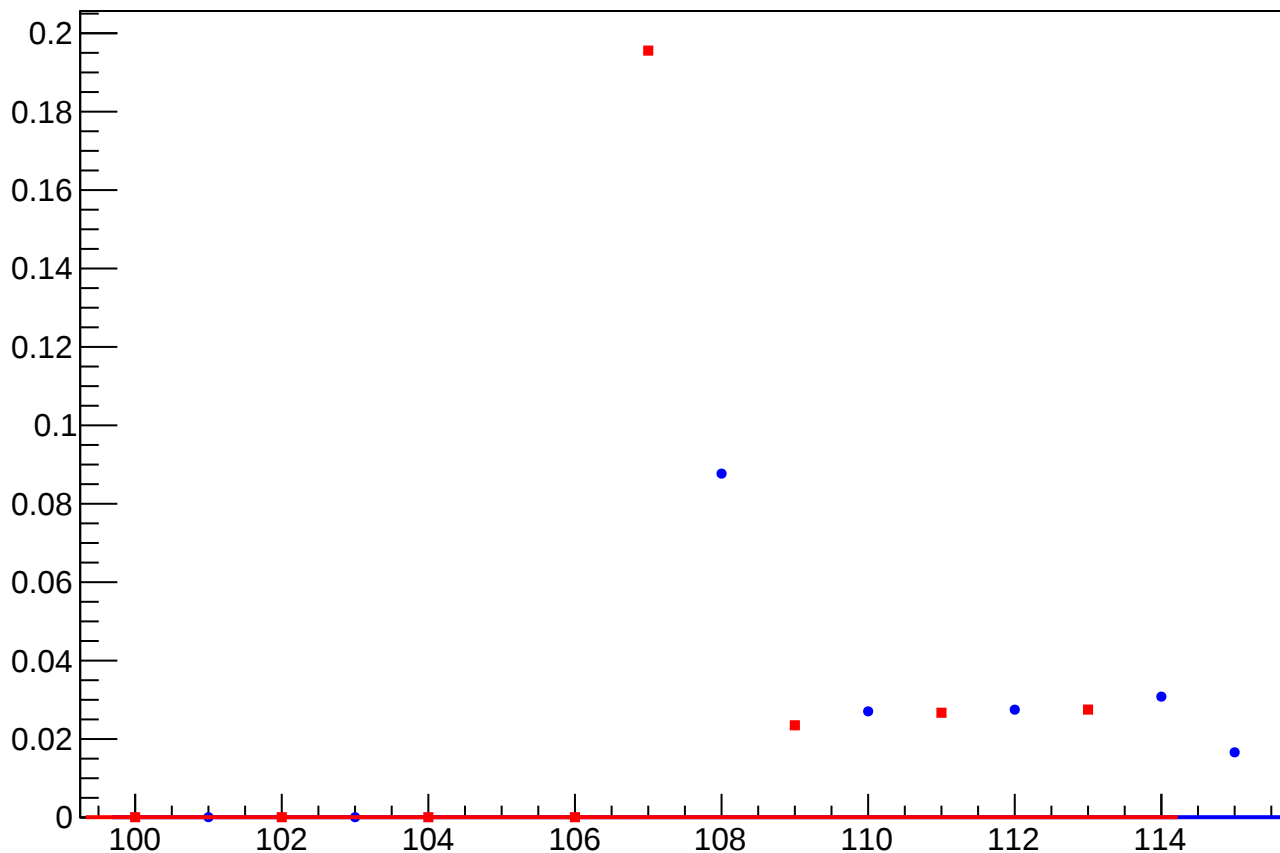
Right: 3.041+/-0.000 χ^2/NDF : 1381579785681341.8

In: 3.564+/-0.000 χ^2/NDF : 30177796590.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.041+/-0.000 χ^2/NDF : 1381579785681341.8

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2568905.1/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2665871.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

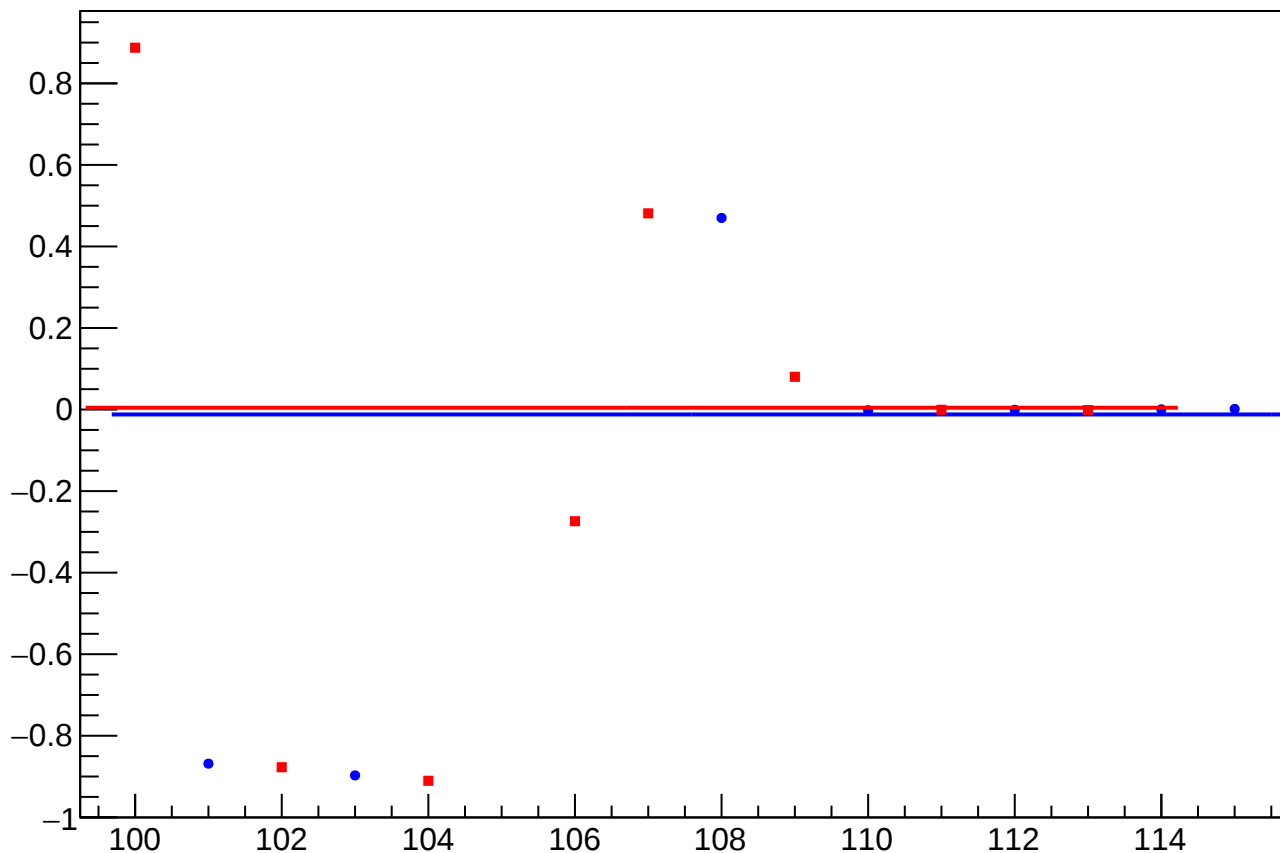
Right: 0.000+/-0.000 χ^2/NDF : 5234959.7/14

In: 0.000+/-0.000 χ^2/NDF : 2568905.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5234959.7/14

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.012+/-0.000

χ^2/NDF : 9748804483.2/6

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000

χ^2/NDF : 3036055426.9/7

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: -0.004+/-0.000

χ^2/NDF : 12834582631.5/14

In: -0.012+/-0.000

χ^2/NDF : 9748804483.2/6

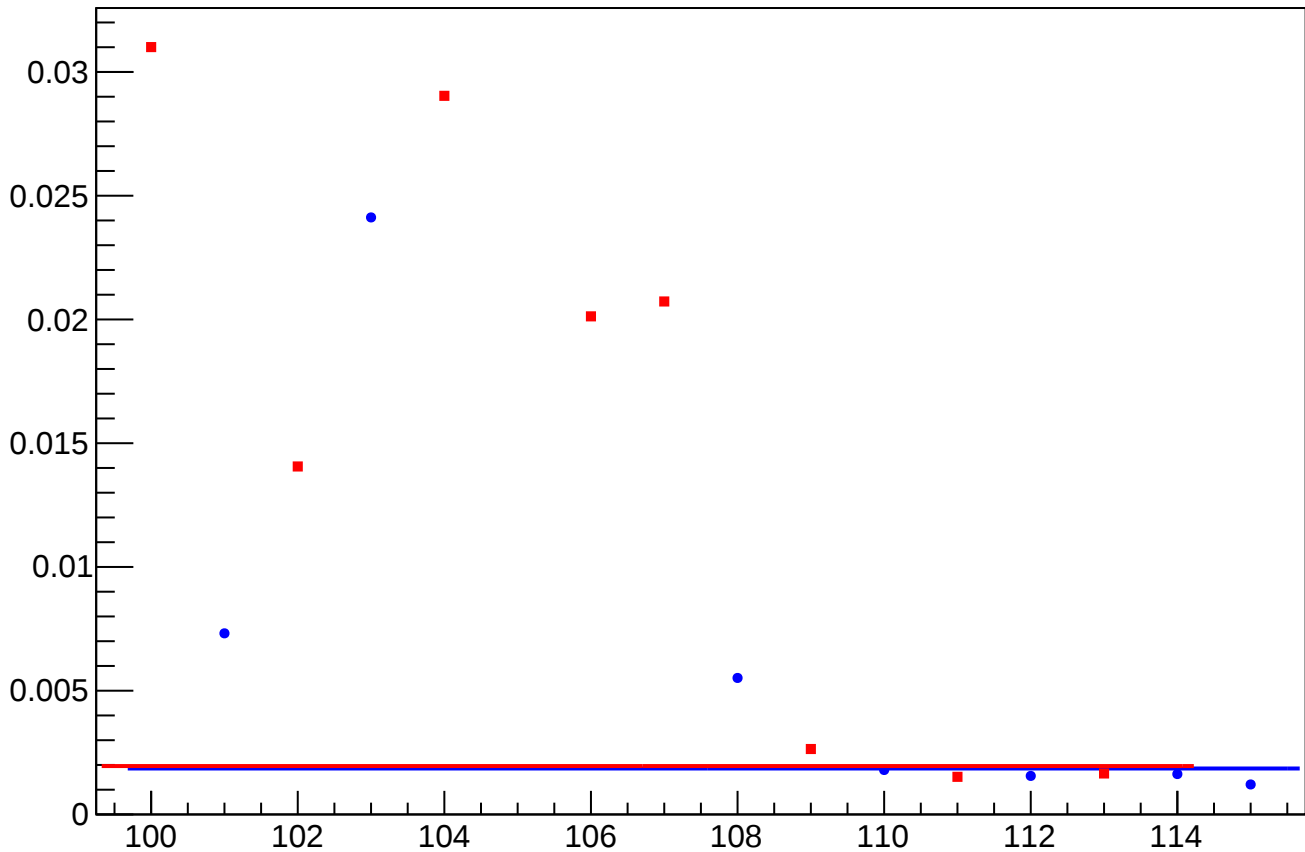
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: -0.004+/-0.000

χ^2/NDF : 12834582631.5/14

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1692545.9/6

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

Right Out: 0.002+/-0.000 χ^2/NDF : 2695272.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

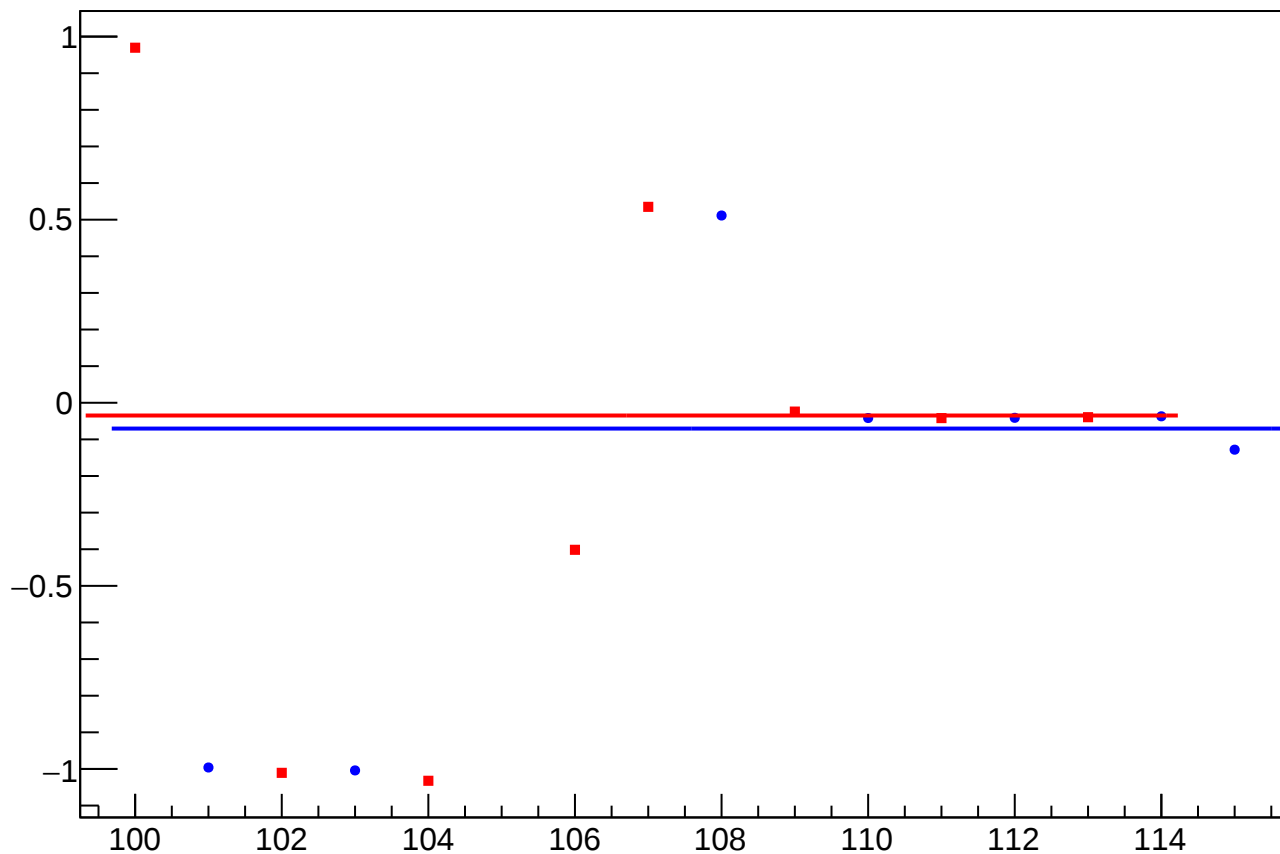
Right: 0.002+/-0.000 χ^2/NDF : 4391354.6/14

In: 0.002+/-0.000 χ^2/NDF : 1692545.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4391354.6/14

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.070+/-0.000 χ^2/NDF : 3622149740.6/6

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

Right Out: -0.035+/-0.000 χ^2/NDF : 1191922208.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

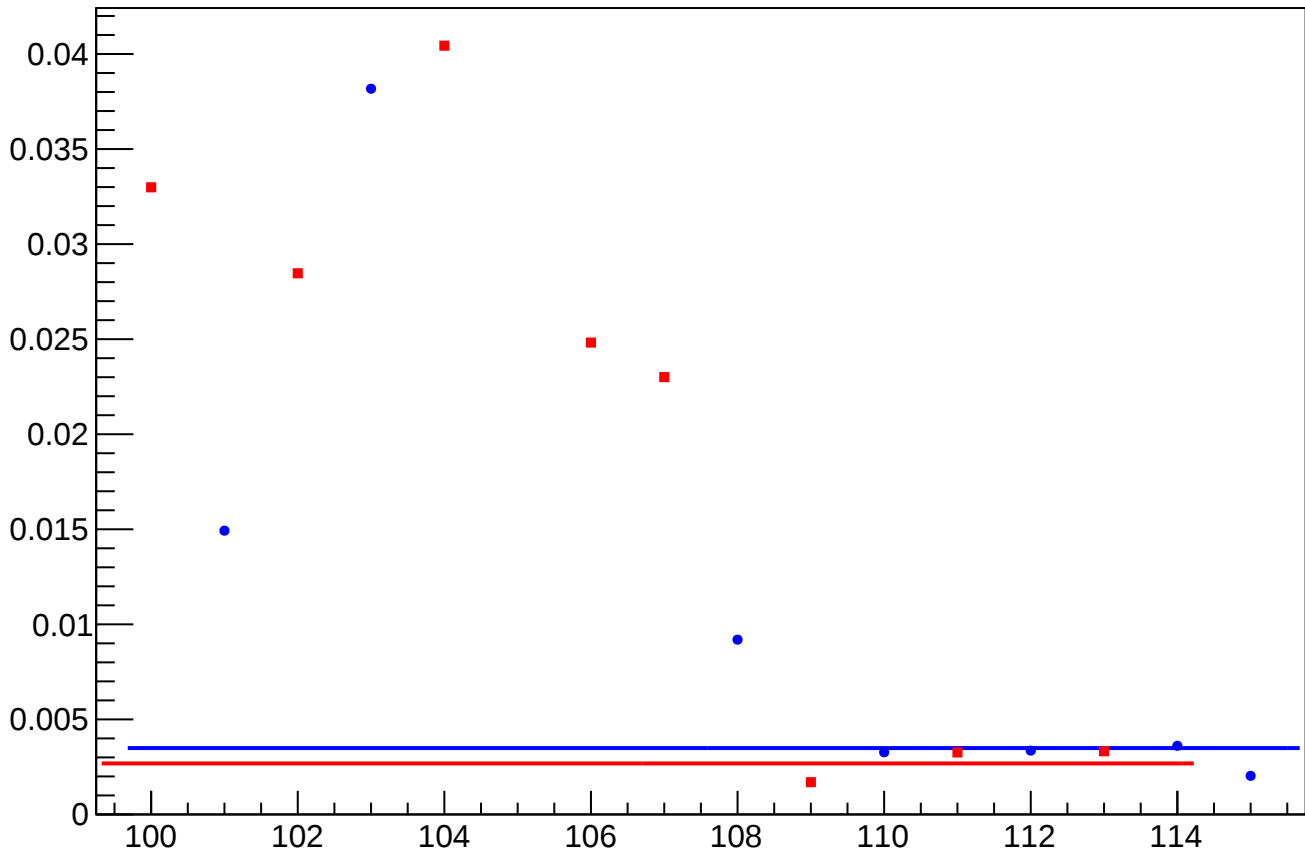
Right: -0.049+/-0.000 χ^2/NDF : 4903095281.2/14

In: -0.070+/-0.000 χ^2/NDF :3622149740.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.049+/-0.000 χ^2/NDF : 4903095281.2/14

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1875411.6/6

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

Right Out: 0.003+/-0.000 χ^2/NDF : 2864274.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

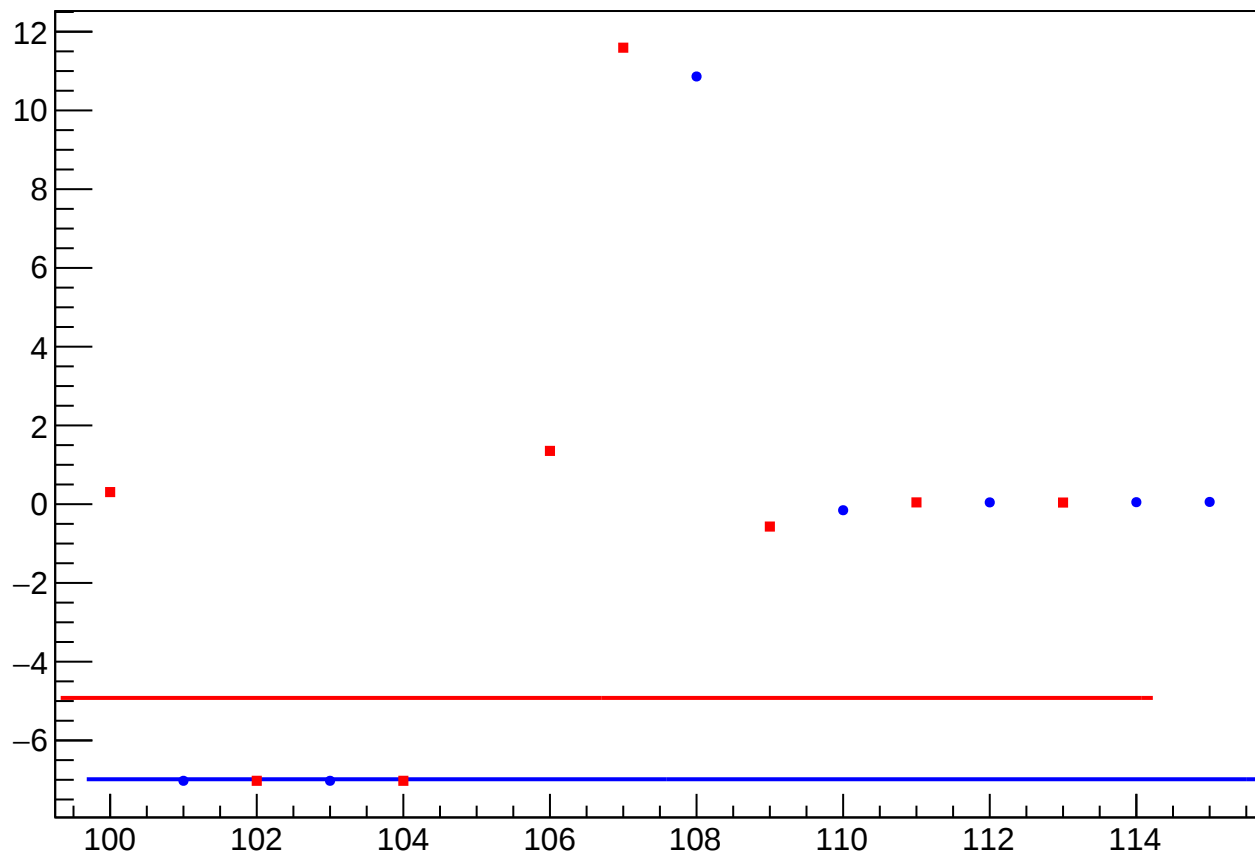
Right: 0.003+/-0.000 χ^2/NDF : 4831275.2/14

In: 0.003+/-0.000 χ^2/NDF : 1875411.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

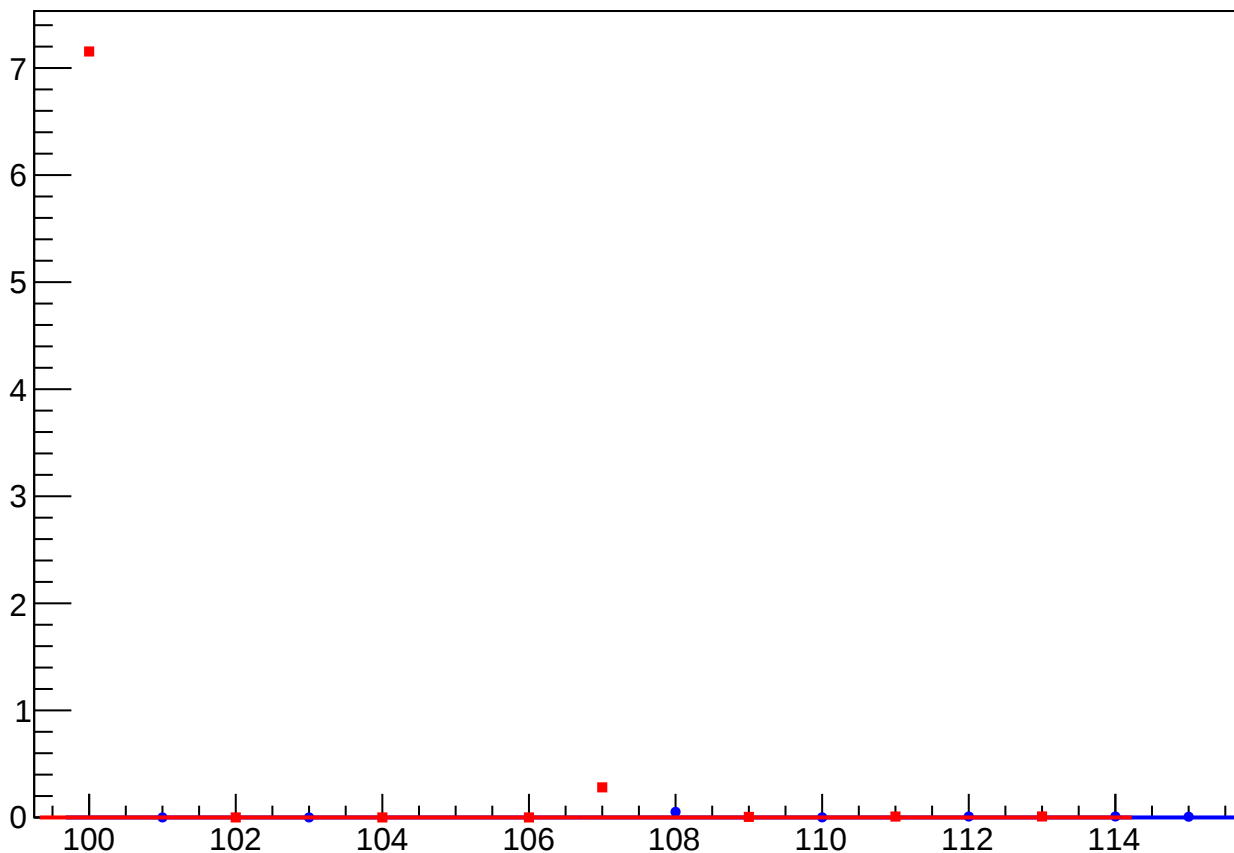
All: 0.003+/-0.000 χ^2/NDF : 4831275.2/14

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -6.986+/-0.000 χ^2/NDF : 6798812170841.1/6
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -4.920+/-0.000 χ^2/NDF : 364446997113339.3/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -5.908+/-0.000 χ^2/NDF : 427599807098252.1
 In: -6.986+/-0.000 χ^2/NDF : 6798812170841.1/6
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -5.908+/-0.000 χ^2/NDF : 427599807098252.1

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1907269.6/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2500446.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

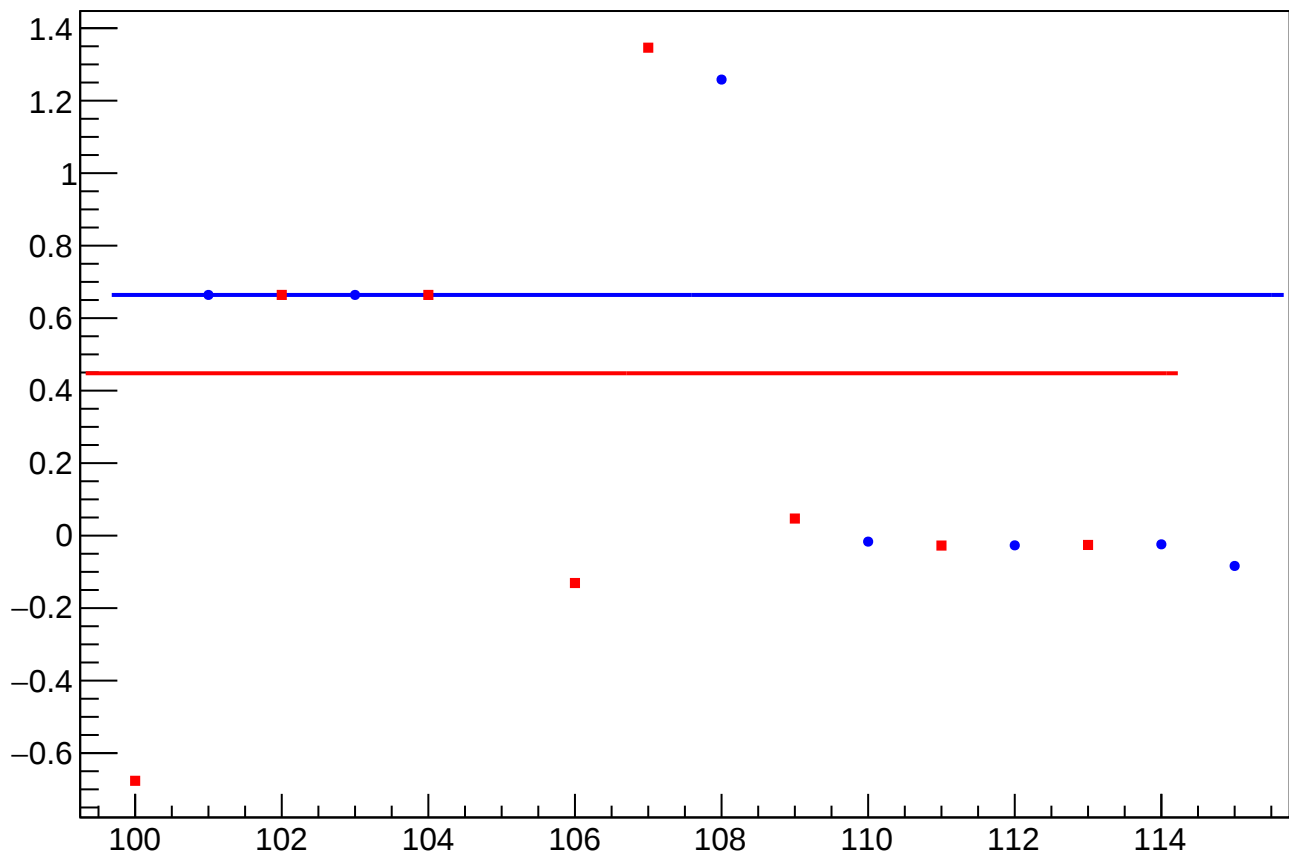
Right: 0.000+/-0.000 χ^2/NDF : 4407779.5/14

In: 0.000+/-0.000 χ^2/NDF : 1907269.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4407779.5/14

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.664+/-0.000

χ^2/NDF : 141823460301.4/6

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.551+/-0.000

χ^2/NDF : 466442370019737.0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.664+/-0.000

χ^2/NDF : 141823460301.4/6

Right Out: 0.448+/-0.000

χ^2/NDF : 402916208969196.4/7

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

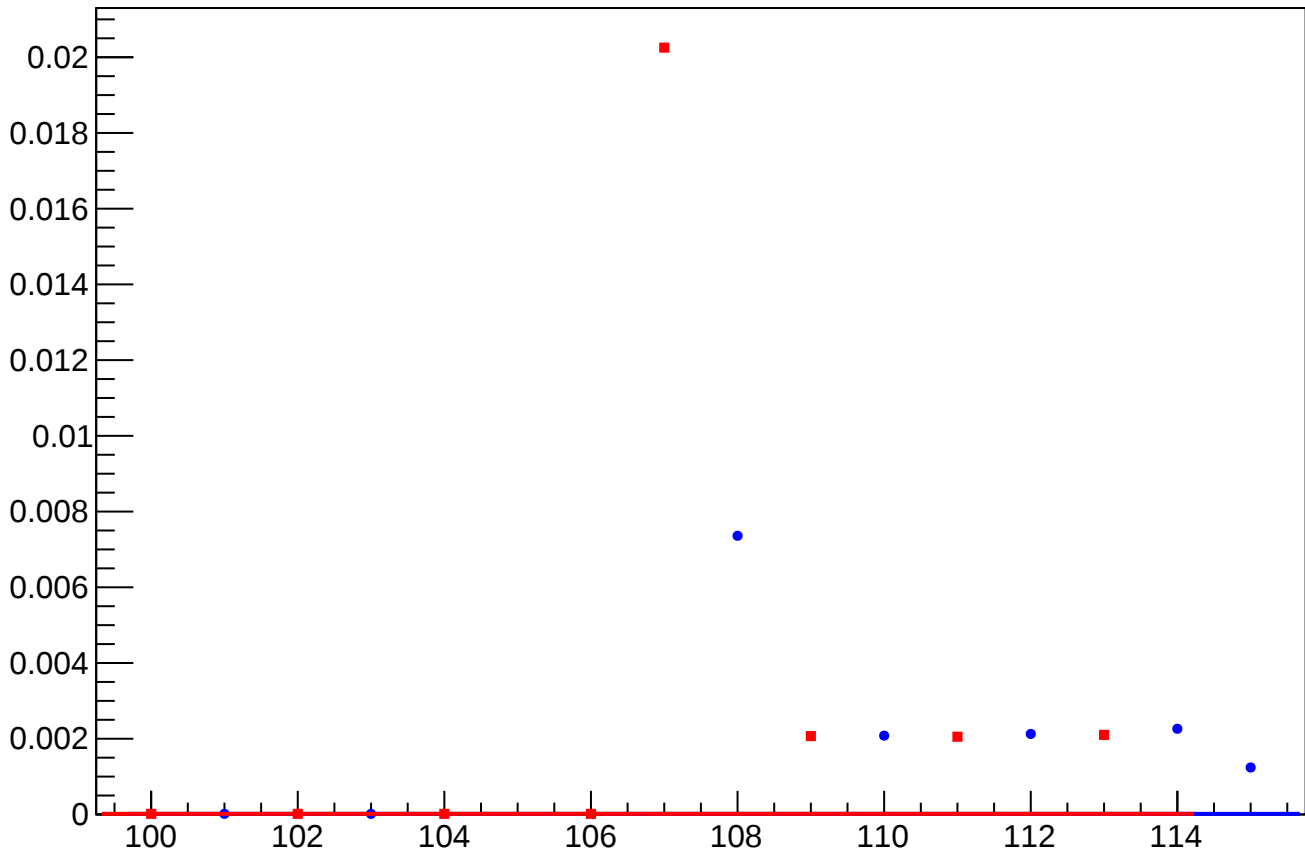
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.551+/-0.000

χ^2/NDF : 46644237001973

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2607314.5/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2361891.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

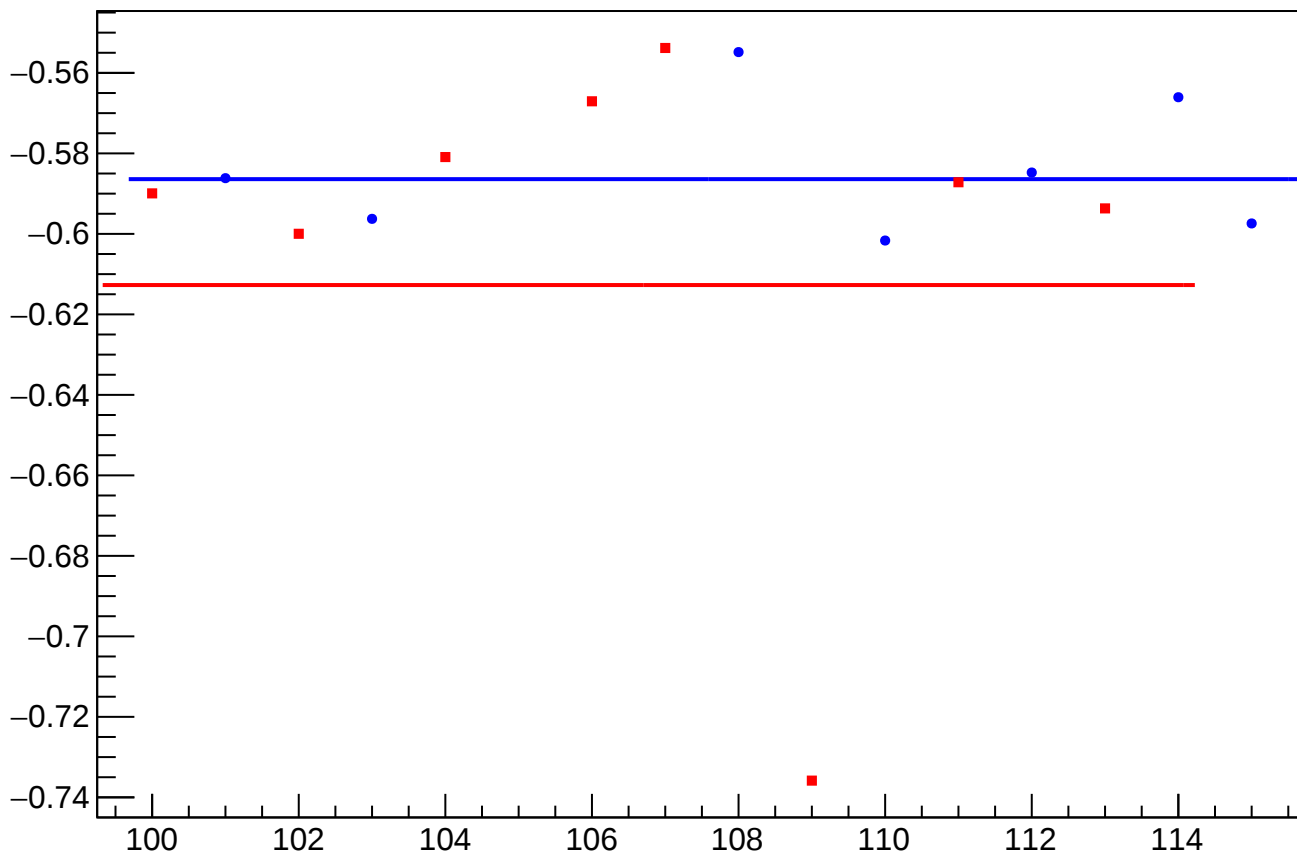
Right: 0.000+/-0.000 χ^2/NDF : 4969395.9/14

In: 0.000+/-0.000 χ^2/NDF : 2607314.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4969395.9/14

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.586+/-0.000 χ^2/NDF : 480869.3/6

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

Right Out: -0.613+/-0.000 χ^2/NDF : 9594722.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

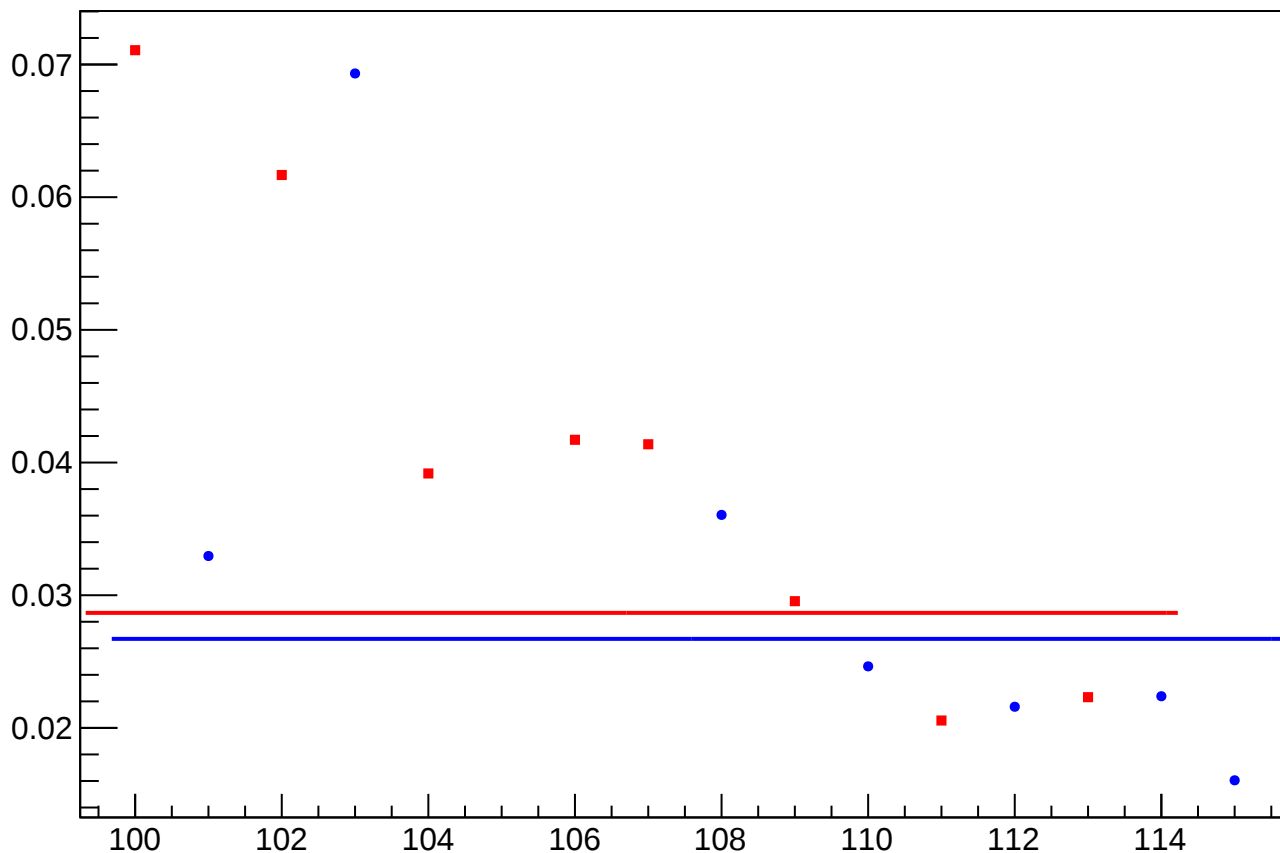
Right: -0.600+/-0.000 χ^2/NDF : 11028562.6/14

In: -0.586+/-0.000 χ^2/NDF : 480869.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.600+/-0.000 χ^2/NDF : 11028562.6/14

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.027+/-0.000 χ^2/NDF : 638549.7/6

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

Right Out: 0.029+/-0.000 χ^2/NDF : 659796.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

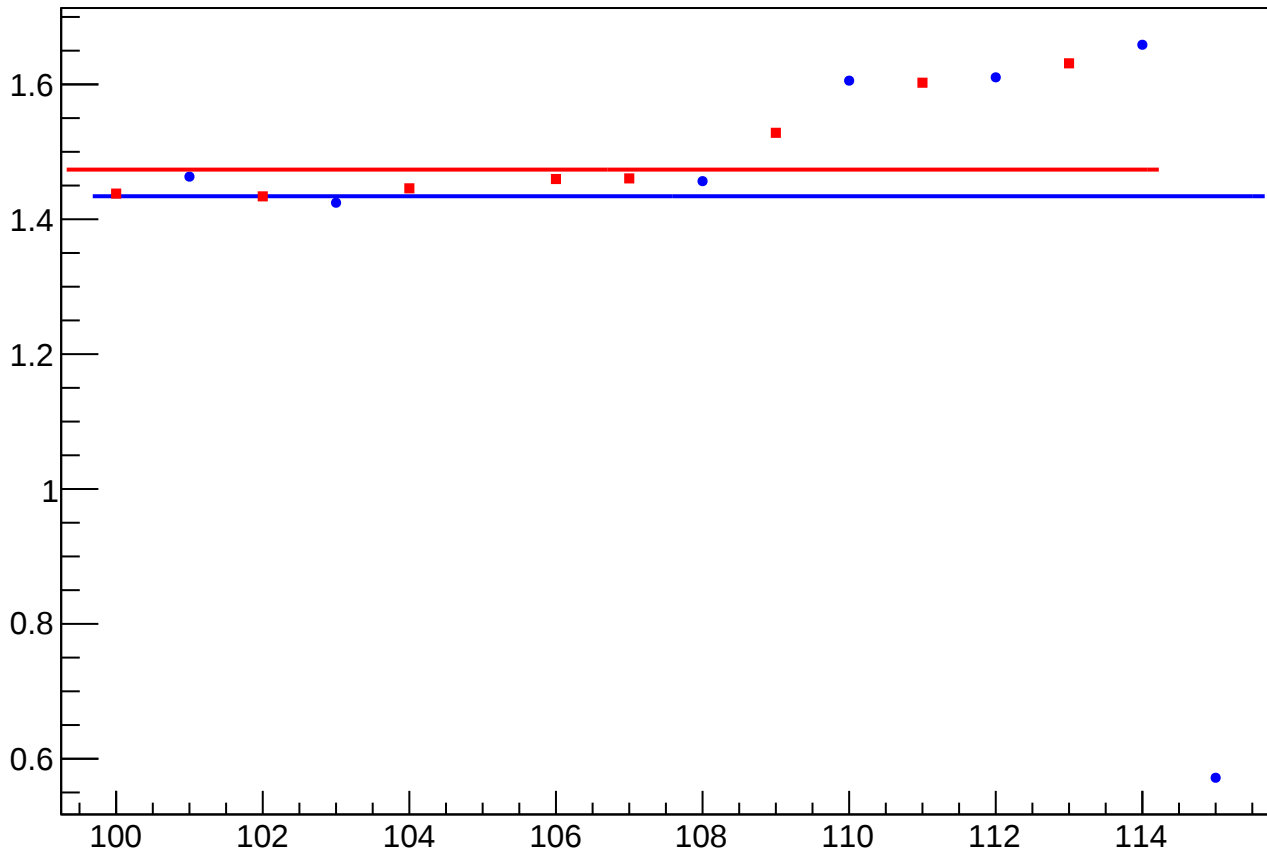
Right: 0.028+/-0.000 χ^2/NDF : 1308915.1/14

In: 0.027+/-0.000 χ^2/NDF :638549.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.028+/-0.000 χ^2/NDF : 1308915.1/14

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 1.434+/-0.000 χ^2/NDF : 171757807.1/6

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

Right Out: 1.474+/-0.000 χ^2/NDF : 17872271.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

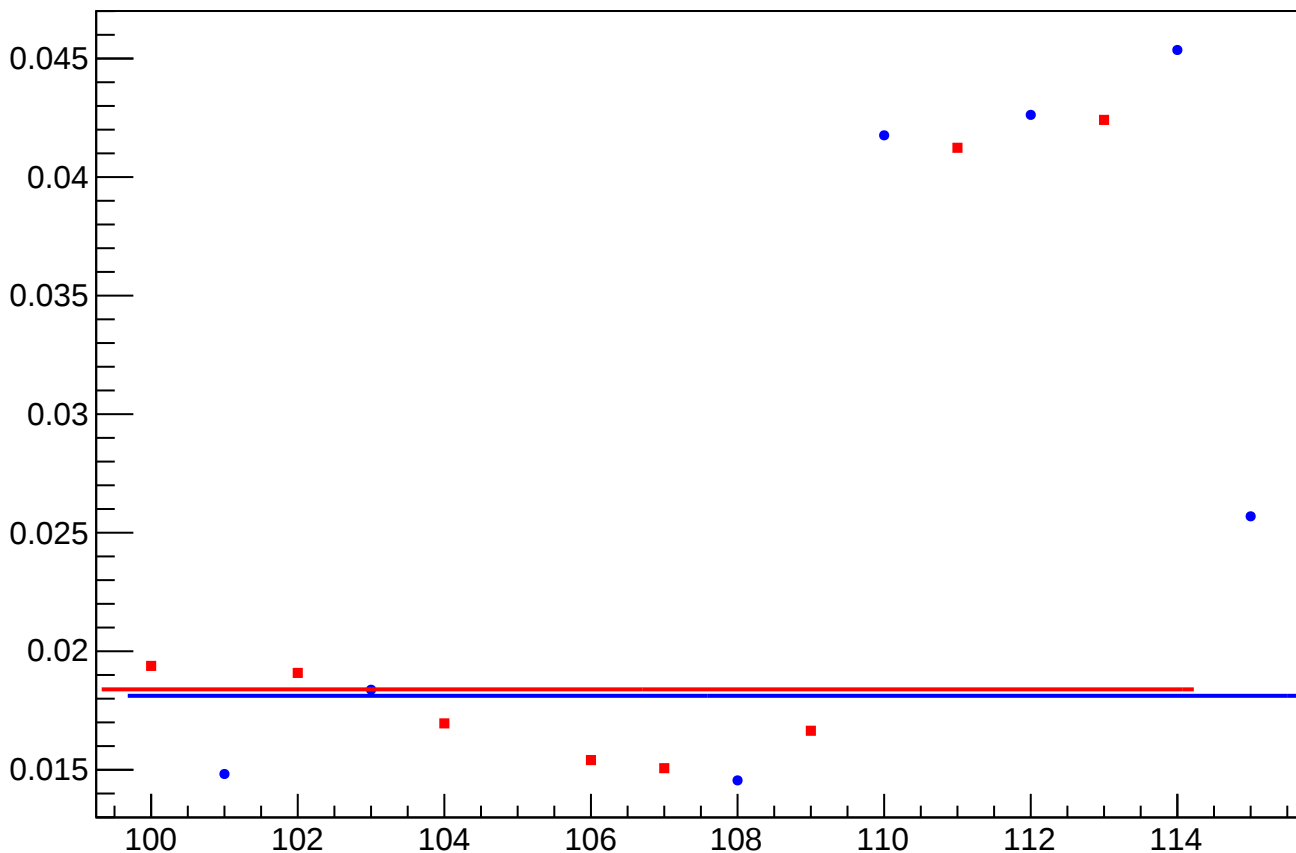
Right: 1.455+/-0.000 χ^2/NDF : 194962314.1/14

In: 1.434+/-0.000 χ^2/NDF : 171757807.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.455+/-0.000 χ^2/NDF : 194962314.1/14

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 694151.8/6

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

Right Out: 0.018+/-0.000 χ^2/NDF : 588038.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

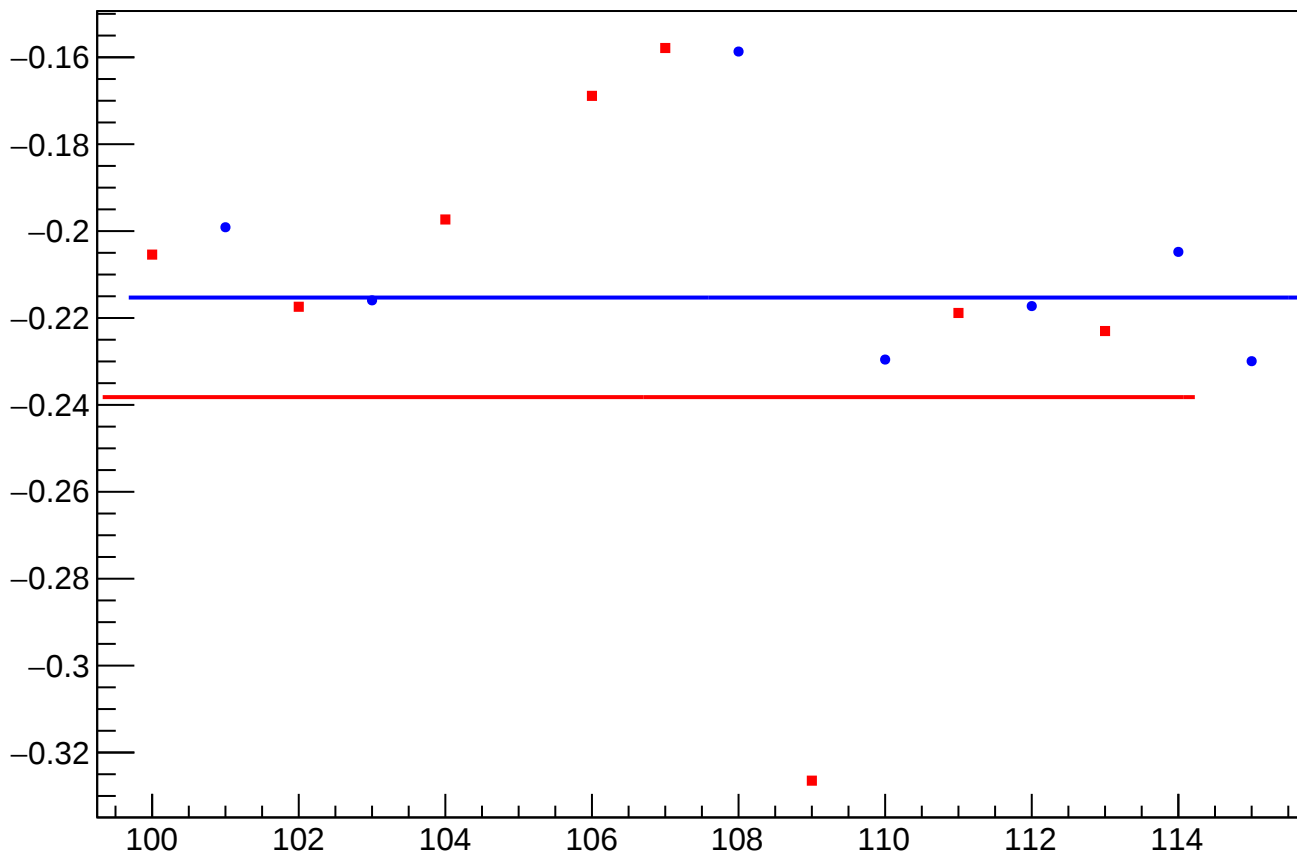
Right: 0.018+/-0.000 χ^2/NDF : 1282698.3/14

In: 0.018+/-0.000 χ^2/NDF : 694151.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.000 χ^2/NDF : 1282698.3/14

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.215+/-0.000 χ^2/NDF : 1202319.2/6

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

Right Out: -0.238+/-0.000 χ^2/NDF : 10314957.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

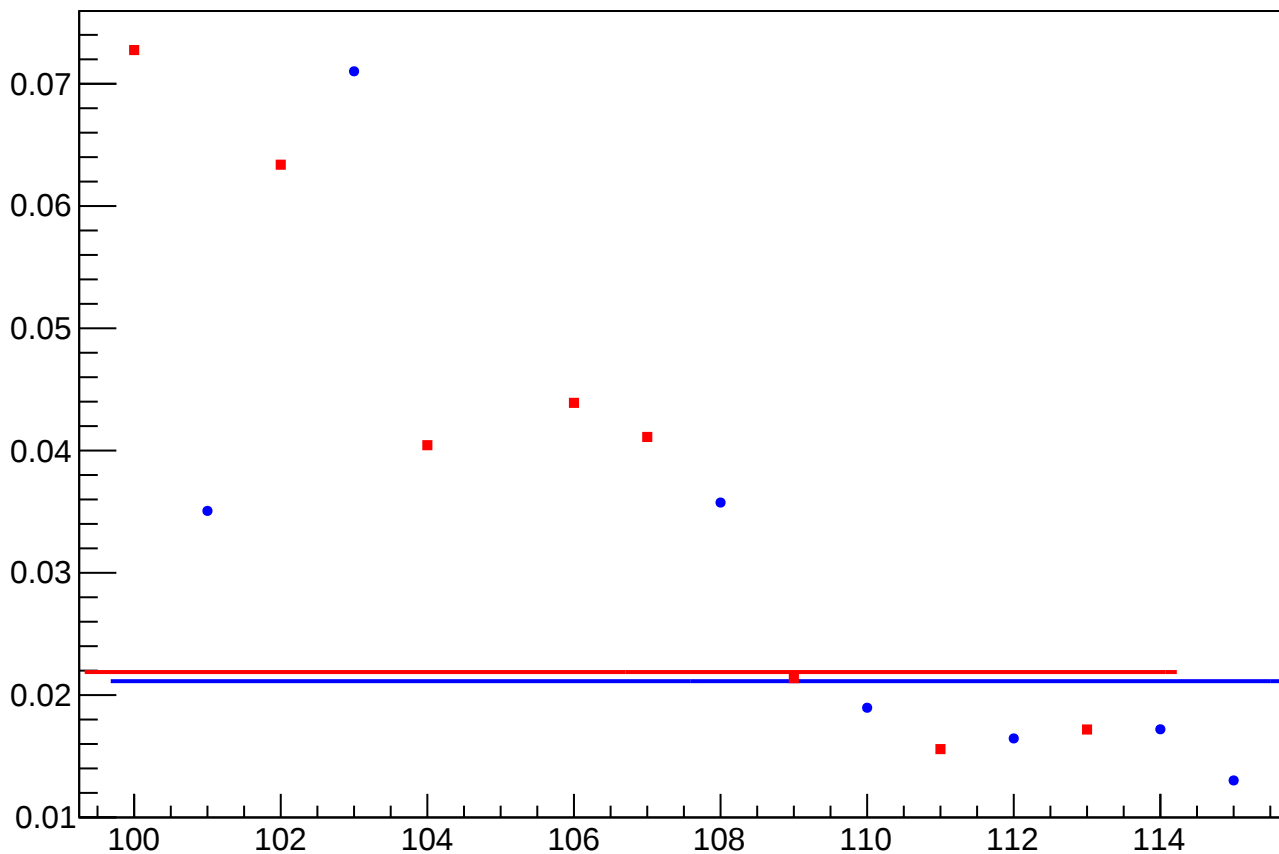
Right: -0.227+/-0.000 χ^2/NDF : 12613830.9/14

In: -0.215+/-0.000 χ^2/NDF :1202319.2/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.227+/-0.000 χ^2/NDF : 12613830.9/14

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.021+/-0.000 χ^2/NDF : 970972.7/6

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

Right Out: 0.022+/-0.000 χ^2/NDF : 1070144.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

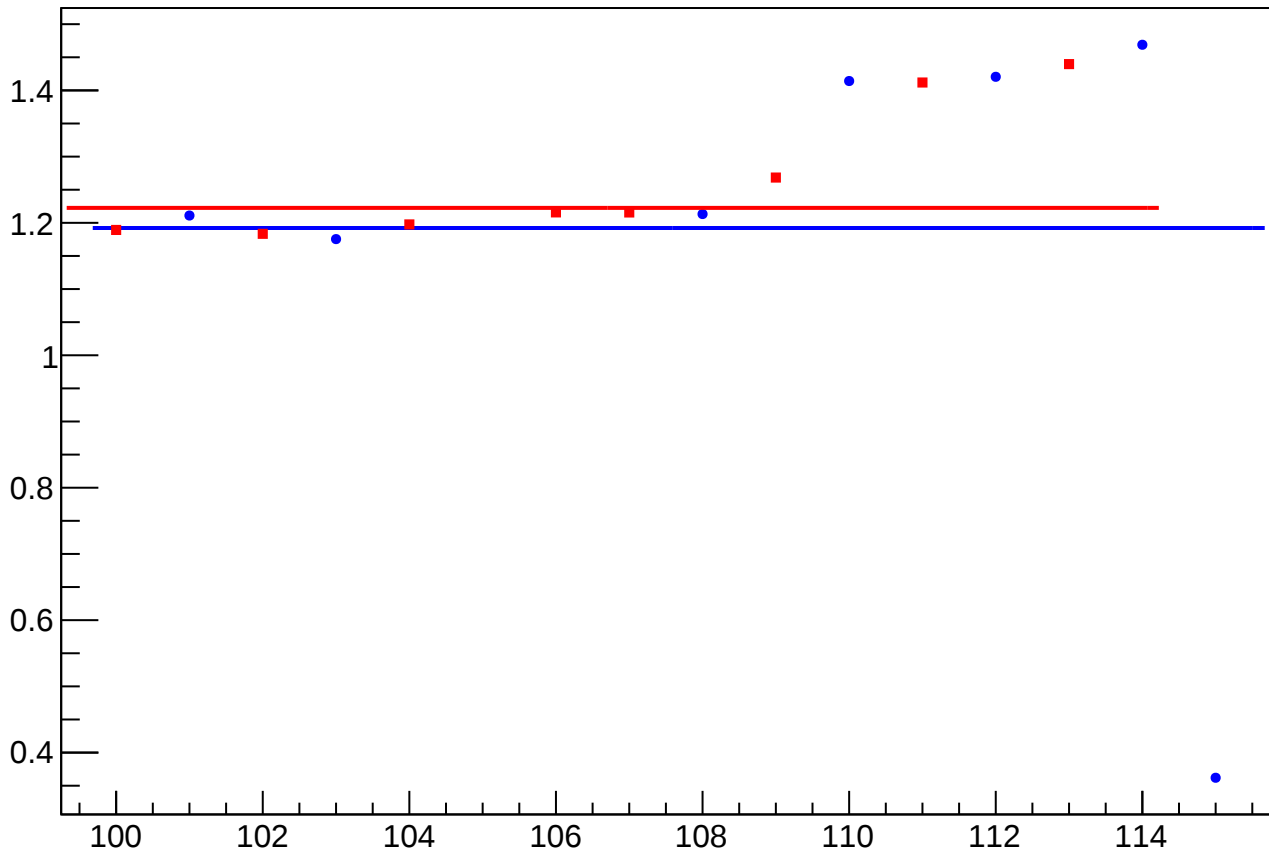
Right: 0.022+/-0.000 χ^2/NDF : 2043444.9/14

In: 0.021+/-0.000 χ^2/NDF : 970972.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.000 χ^2/NDF : 2043444.9/14

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 1.192+/-0.000 χ^2/NDF : 204883149.0/6

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

Right Out: 1.223+/-0.000 χ^2/NDF : 29084294.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

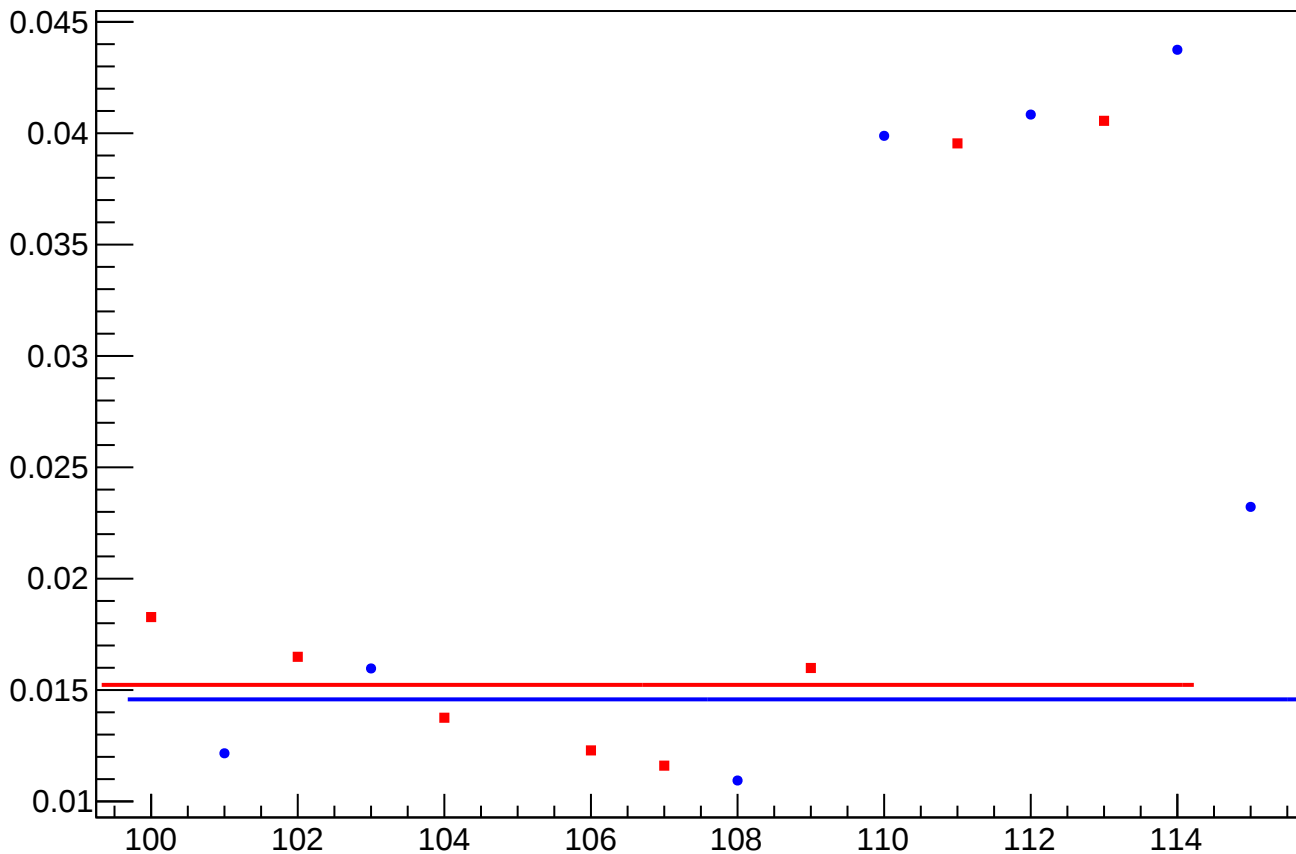
Right: 1.208+/-0.000 χ^2/NDF : 238476263.2/14

In: 1.192+/-0.000 χ^2/NDF : 204883149.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.208+/-0.000 χ^2/NDF : 238476263.2/14

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 875925.9/6

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

Right Out: 0.015+/-0.000 χ^2/NDF : 747653.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

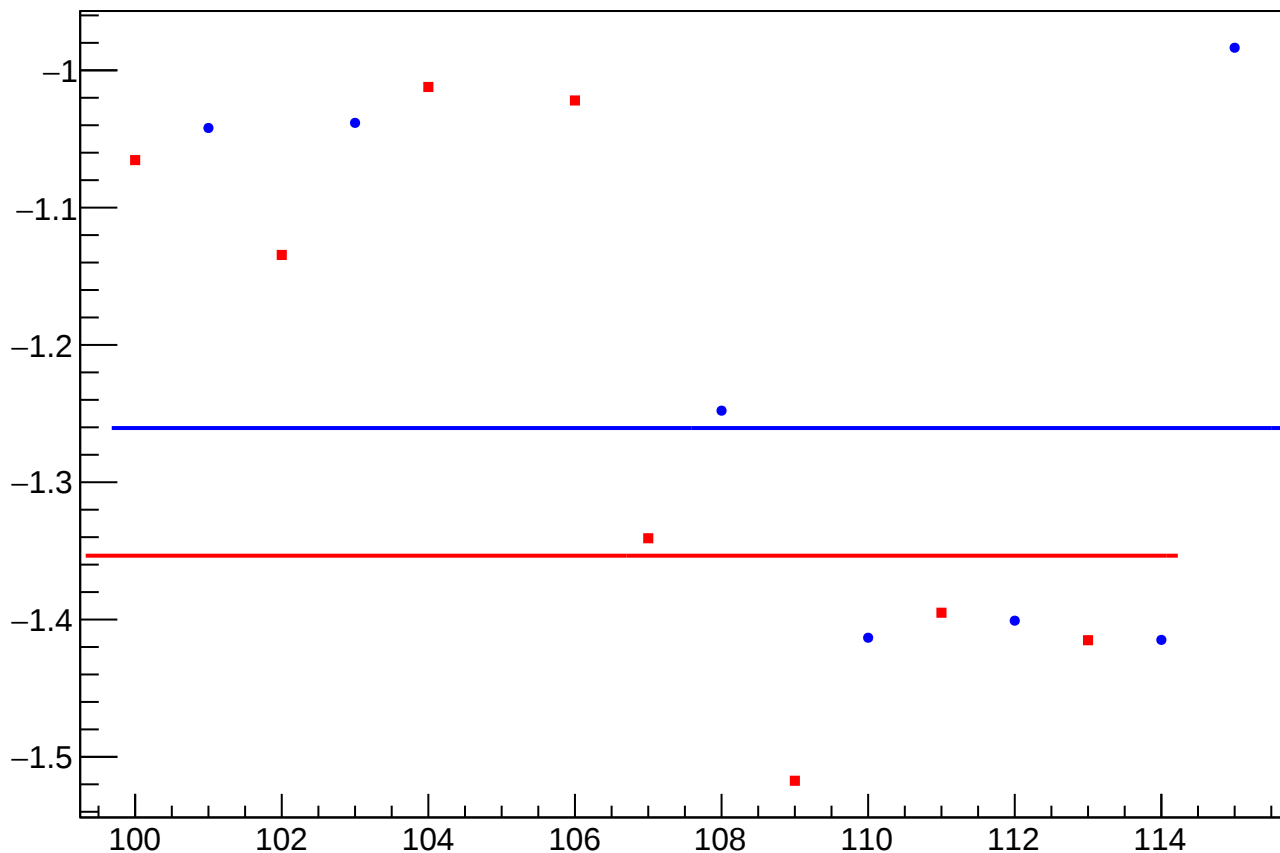
Right: 0.015+/-0.000 χ^2/NDF : 1627715.3/14

In: 0.015+/-0.000 χ^2/NDF : 875925.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1627715.3/14

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.261+/-0.000 χ^2/NDF : 89407771.7/6

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

Right Out: -1.353+/-0.000 χ^2/NDF : 71218125.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

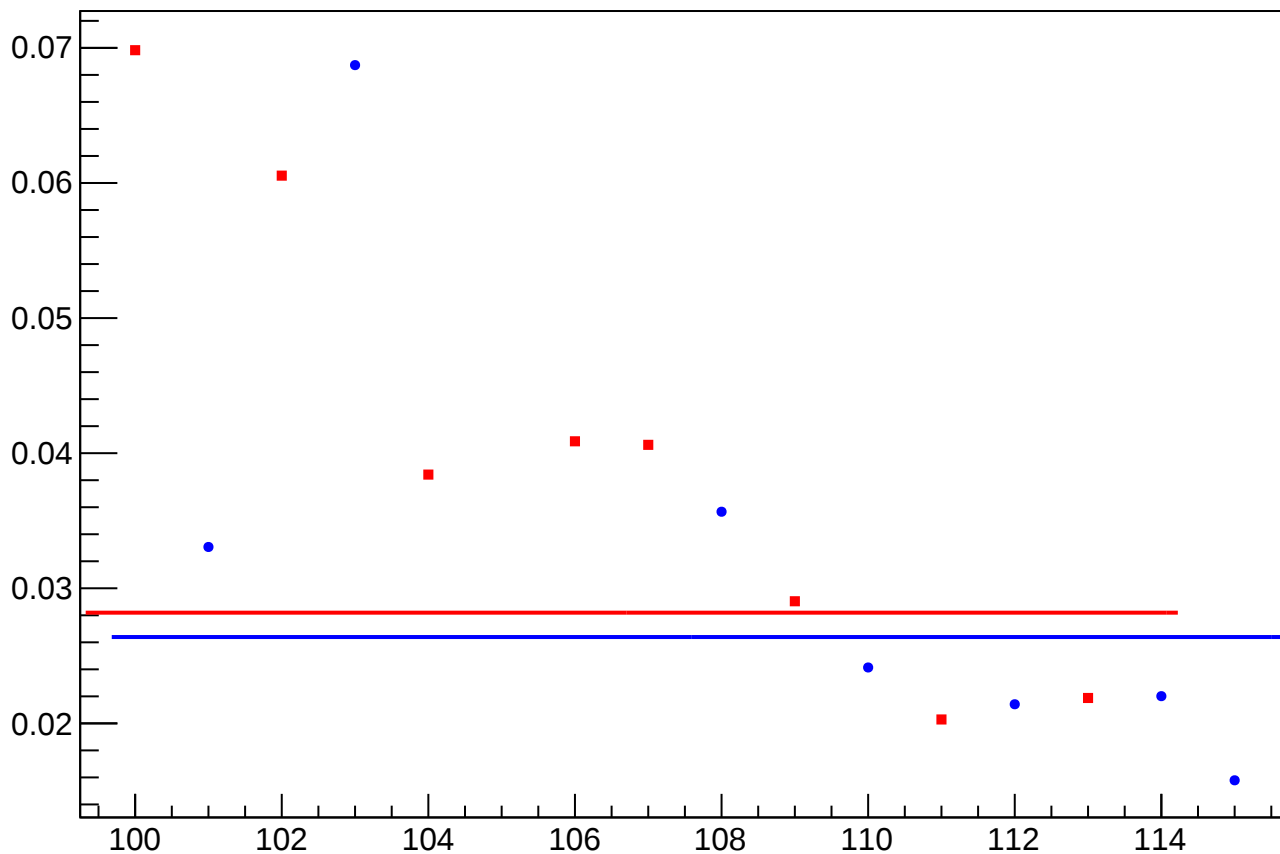
Right: -1.308+/-0.000 χ^2/NDF : 172833569.3/14

In: -1.261+/-0.000 χ^2/NDF : 89407771.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.308+/-0.000 χ^2/NDF : 172833569.3/14

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.026+/-0.000 χ^2/NDF : 645359.7/6

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

Right Out: 0.028+/-0.000 χ^2/NDF : 655435.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

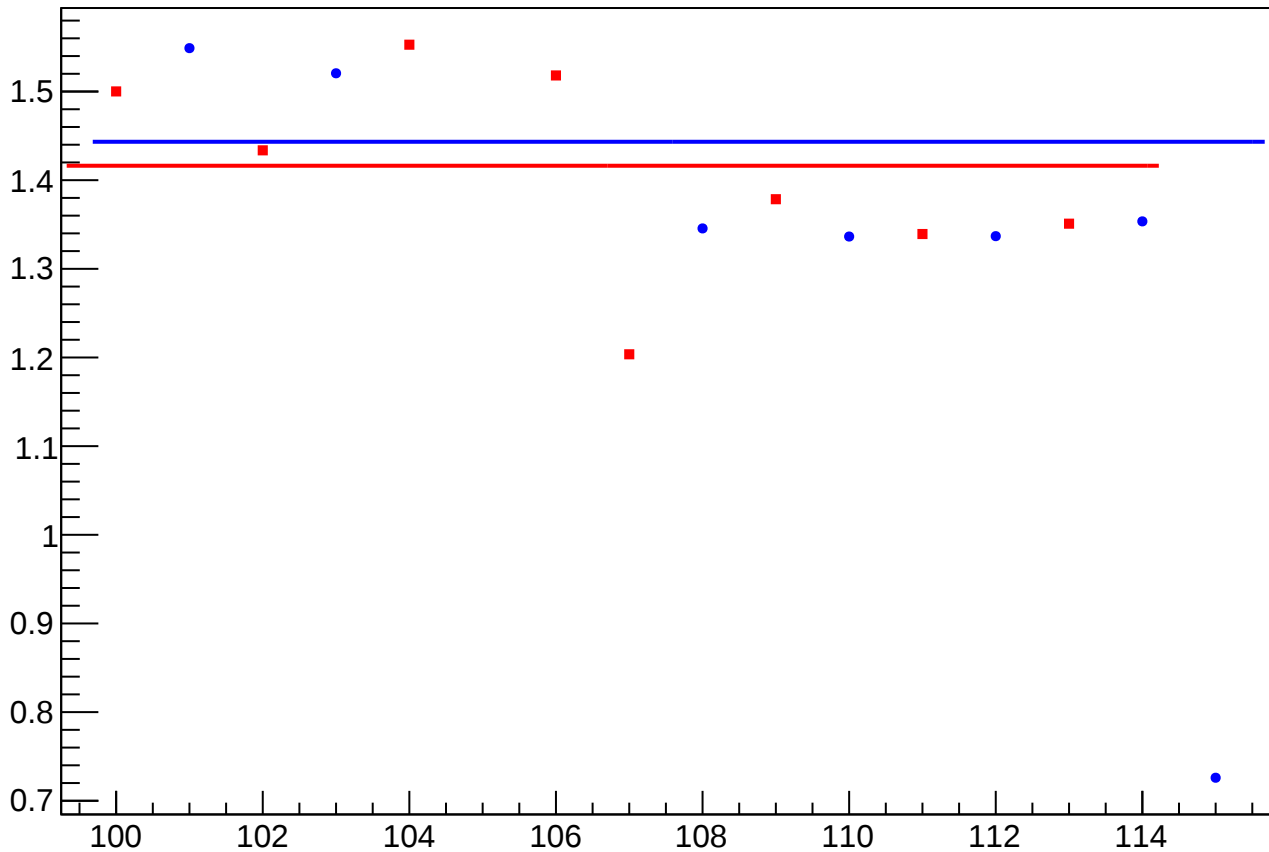
Right: 0.027+/-0.000 χ^2/NDF : 1309980.8/14

In: 0.026+/-0.000 χ^2/NDF :645359.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.027+/-0.000 χ^2/NDF : 1309980.8/14

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.443+/-0.000 χ^2/NDF : 155925542.5/6

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

Right Out: 1.416+/-0.000 χ^2/NDF : 106628437.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

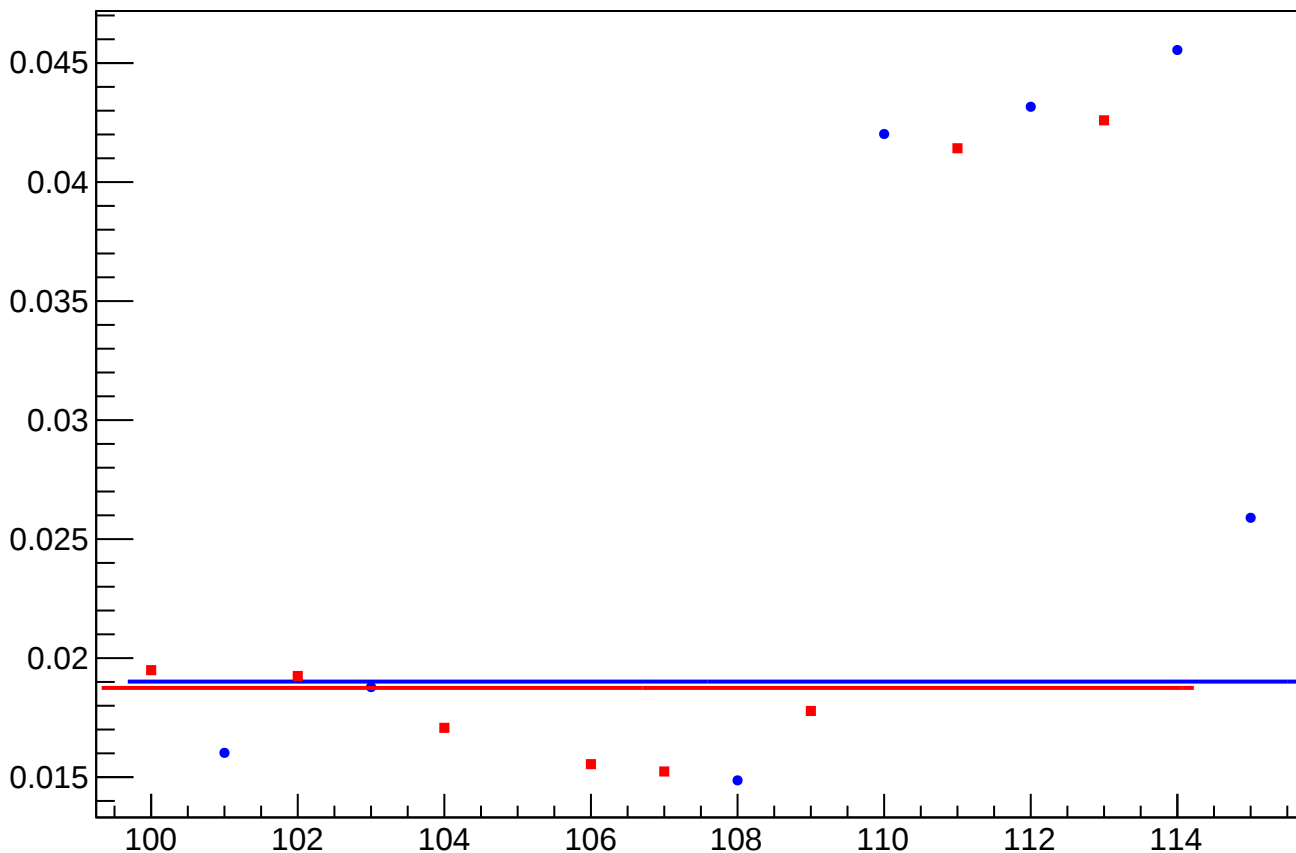
Right: 1.428+/-0.000 χ^2/NDF : 264885652.0/14

In: 1.443+/-0.000 χ^2/NDF : 155925542.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.428+/-0.000 χ^2/NDF : 264885652.0/14

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 651613.8/6

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

Right Out: 0.019+/-0.000 χ^2/NDF : 576809.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

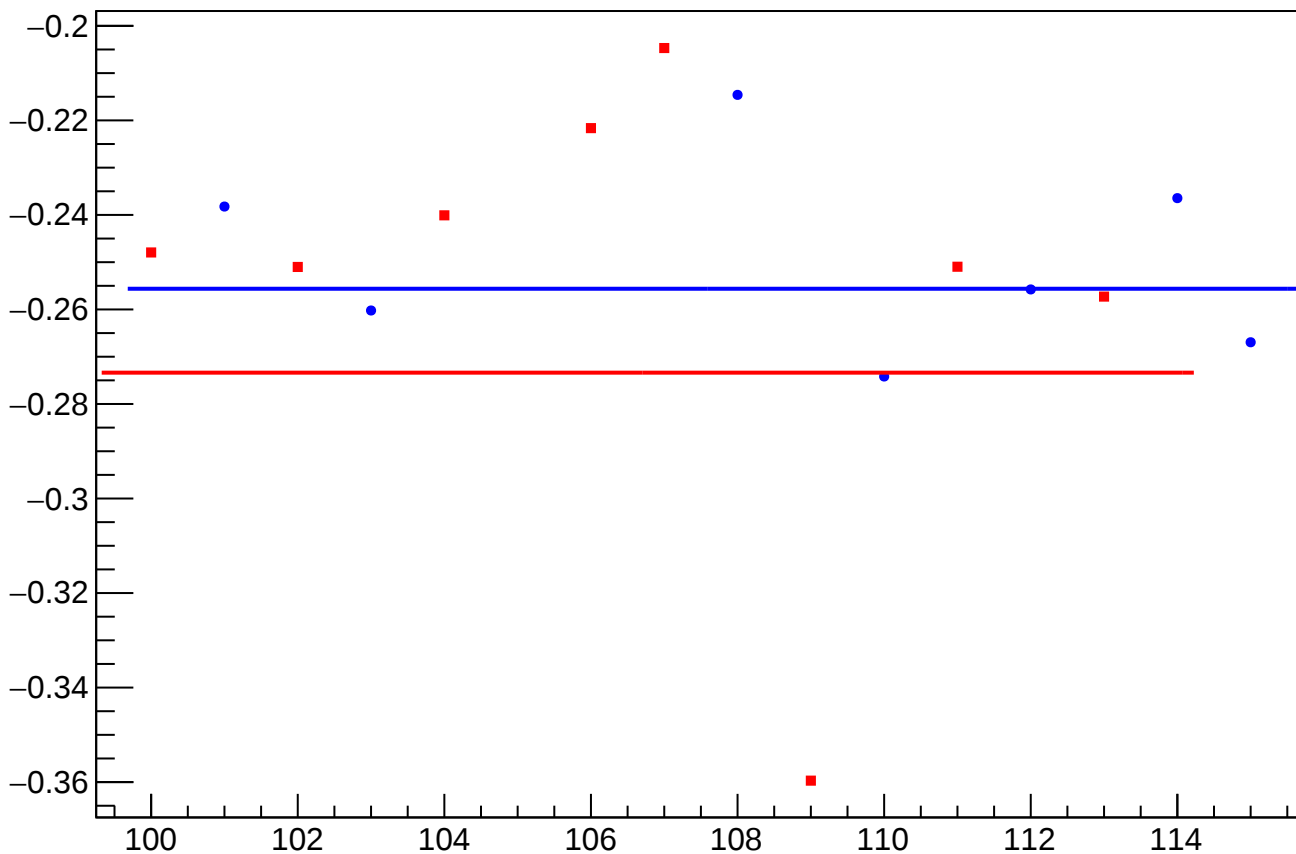
Right: 0.019+/-0.000 χ^2/NDF : 1228873.7/14

In: 0.019+/-0.000 χ^2/NDF : 651613.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.000 χ^2/NDF : 1228873.7/14

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.256+/-0.000 χ^2/NDF : 976641.2/6

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

Right Out: -0.273+/-0.000 χ^2/NDF : 9435489.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

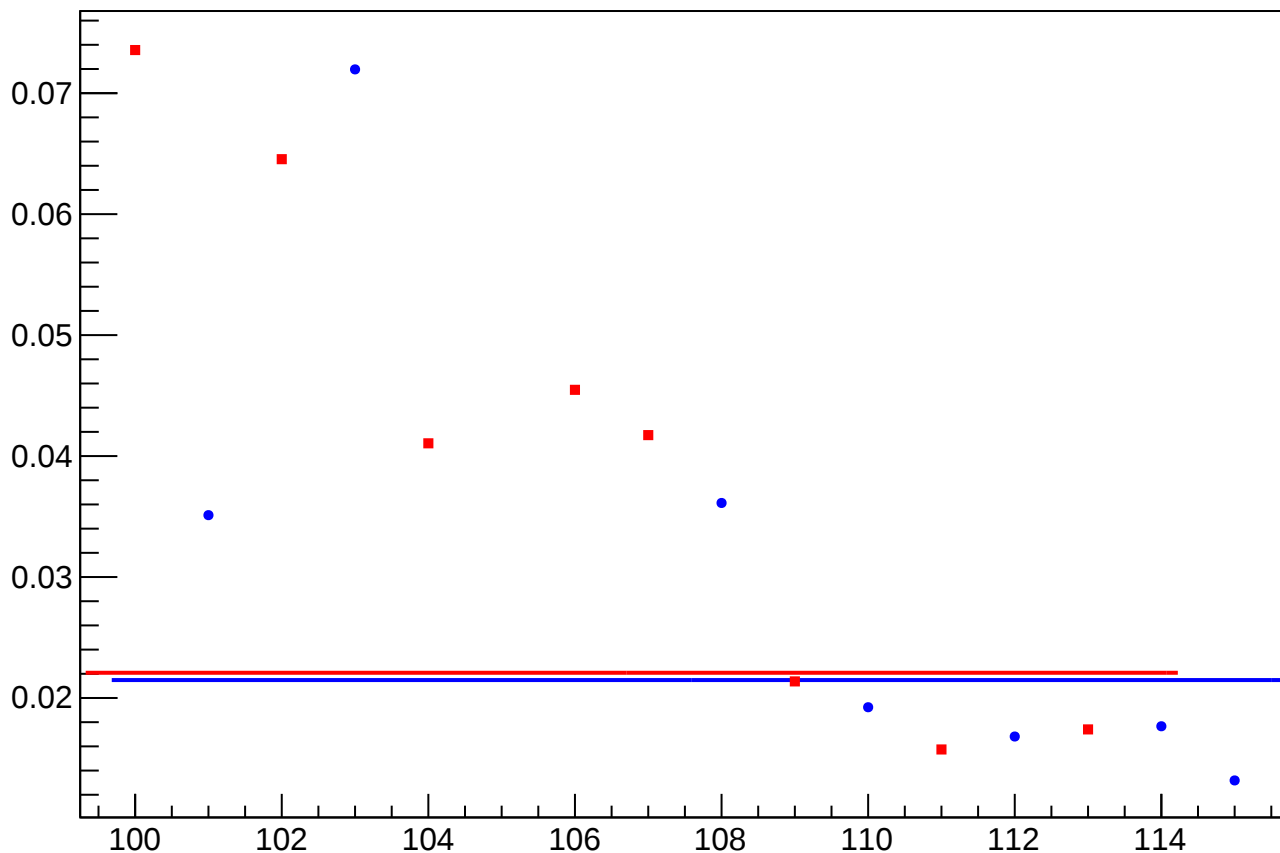
Right: -0.265+/-0.000 χ^2/NDF : 11052986.9/14

In: -0.256+/-0.000 χ^2/NDF : 976641.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.265+/-0.000 χ^2/NDF : 11052986.9/14

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.021+/-0.000 χ^2/NDF : 956245.3/6

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

Right Out: 0.022+/-0.000 χ^2/NDF : 1084963.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

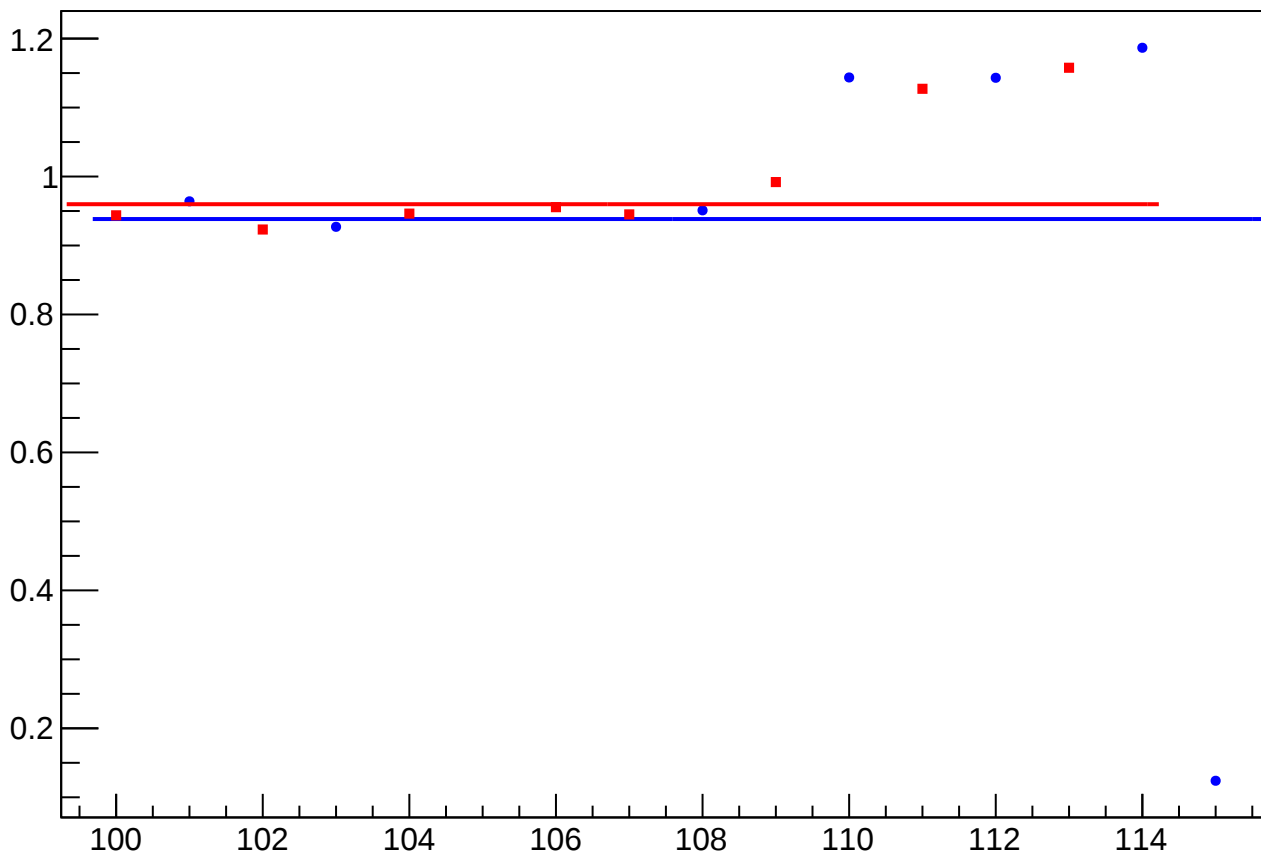
Right: 0.022+/-0.000 χ^2/NDF : 2042685.1/14

In: 0.021+/-0.000 χ^2/NDF : 956245.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.000 χ^2/NDF : 2042685.1/14

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.938+/-0.000 χ^2/NDF : 201621629.3/6

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

Right Out: 0.960+/-0.000 χ^2/NDF : 23183826.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

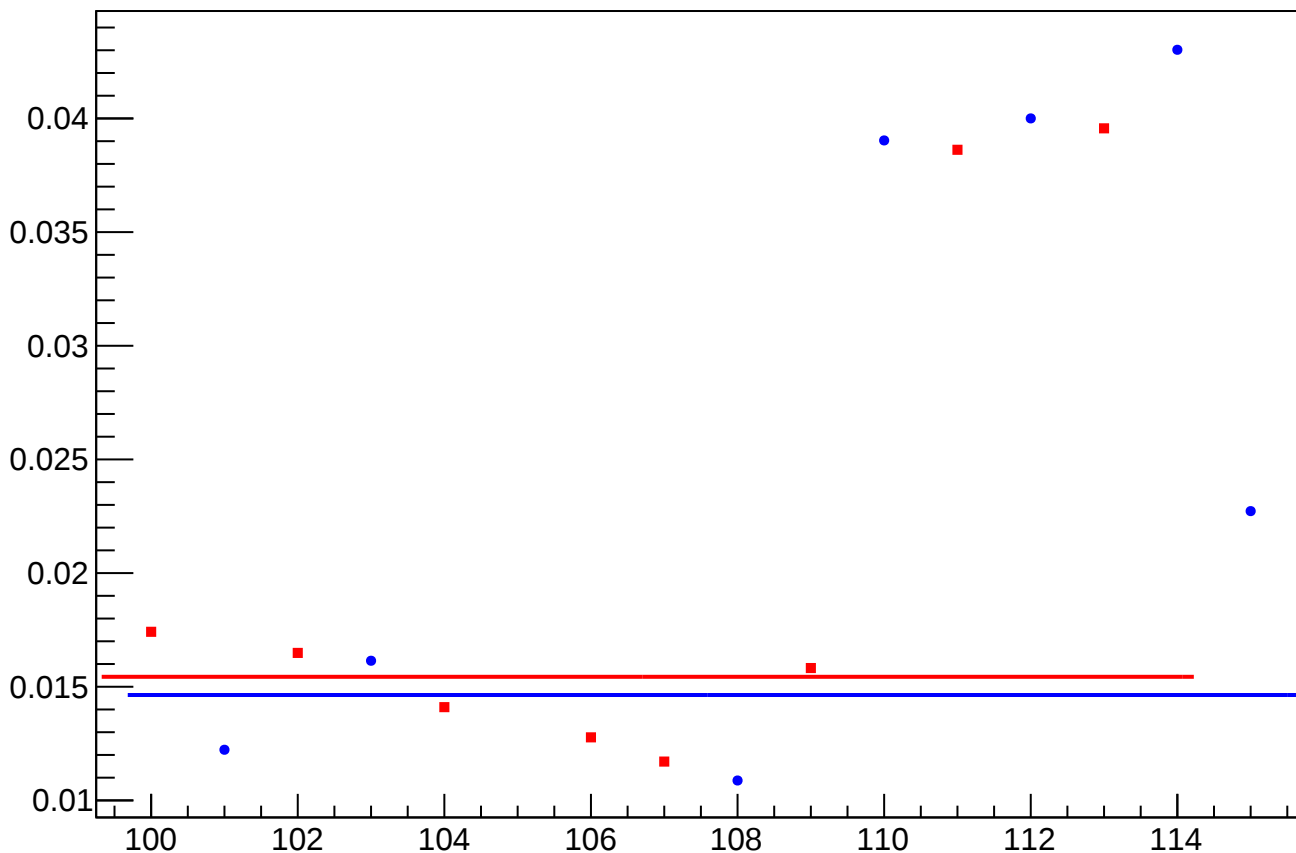
Right: 0.950+/-0.000 χ^2/NDF : 227042037.6/14

In: 0.938+/-0.000 χ^2/NDF : 201621629.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.950+/-0.000 χ^2/NDF : 227042037.6/14

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 859855.4/6

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

Right Out: 0.015+/-0.000 χ^2/NDF : 707096.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

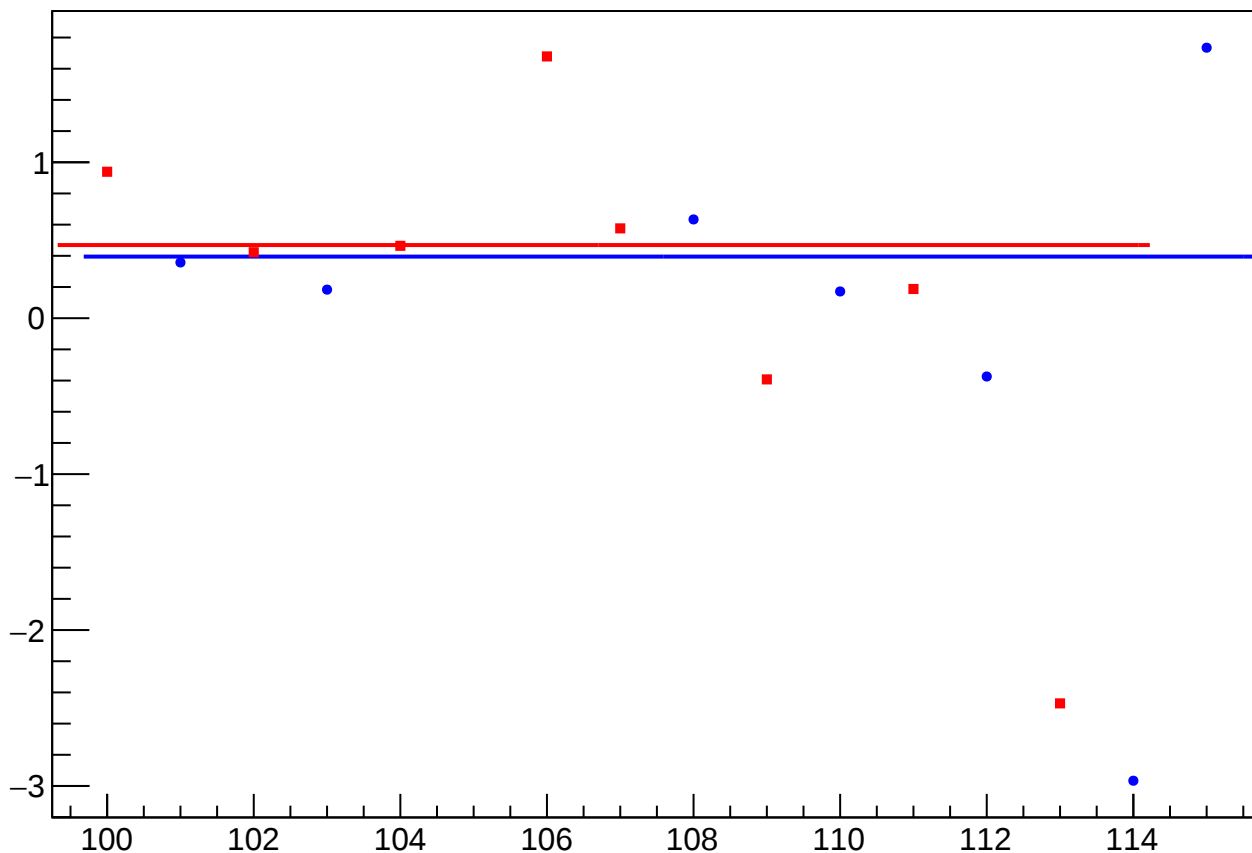
Right: 0.015+/-0.000 χ^2/NDF : 1573157.7/14

In: 0.015+/-0.000 χ^2/NDF :859855.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1573157.7/14

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.395+/-0.000 χ^2/NDF : 159687966.4/6

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

Right Out: 0.469+/-0.000 χ^2/NDF : 743194632.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

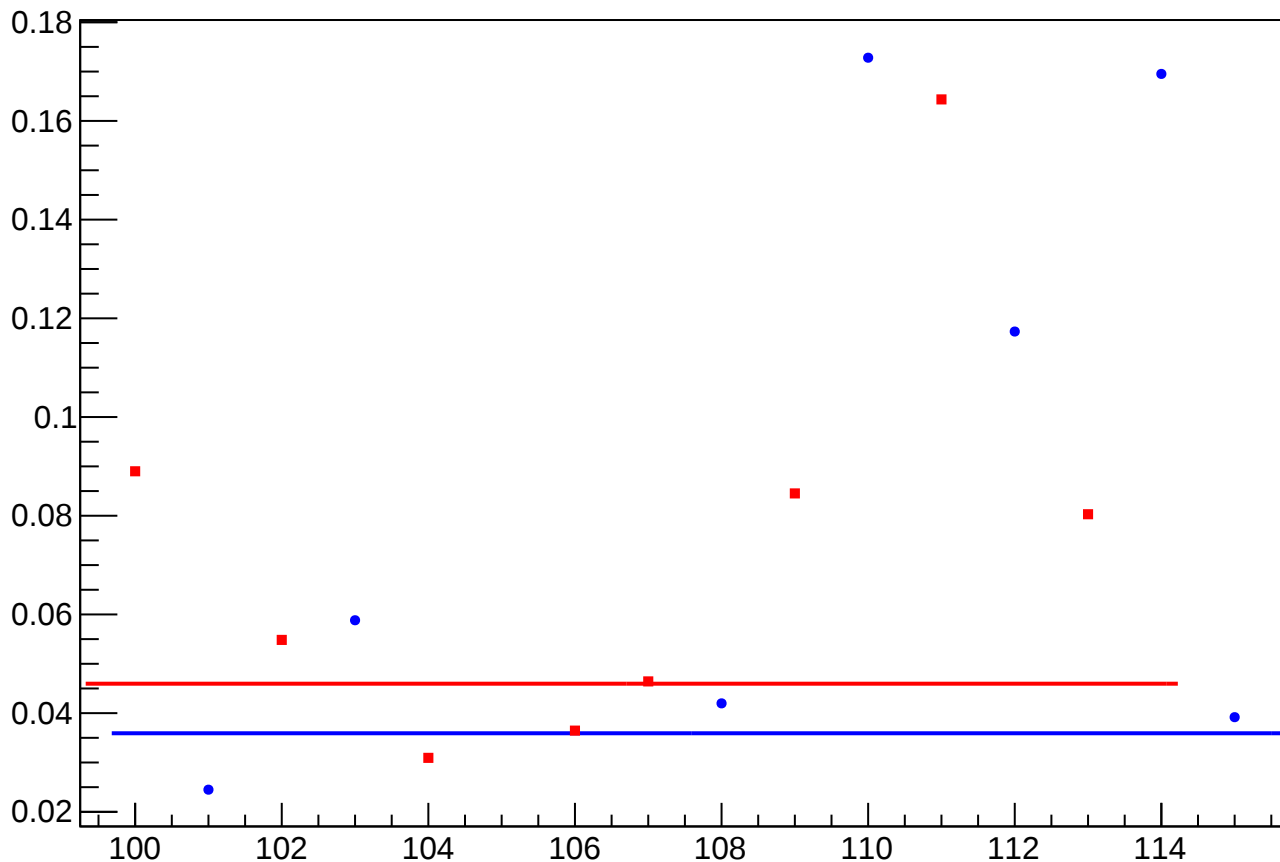
Right: 0.427+/-0.000 χ^2/NDF : 905831870.0/14

In: 0.395+/-0.000 χ^2/NDF : 159687966.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.427+/-0.000 χ^2/NDF : 905831870.0/14

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.036+/-0.000 χ^2/NDF : 1334106.9/6

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

Right Out: 0.046+/-0.000 χ^2/NDF : 976242.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

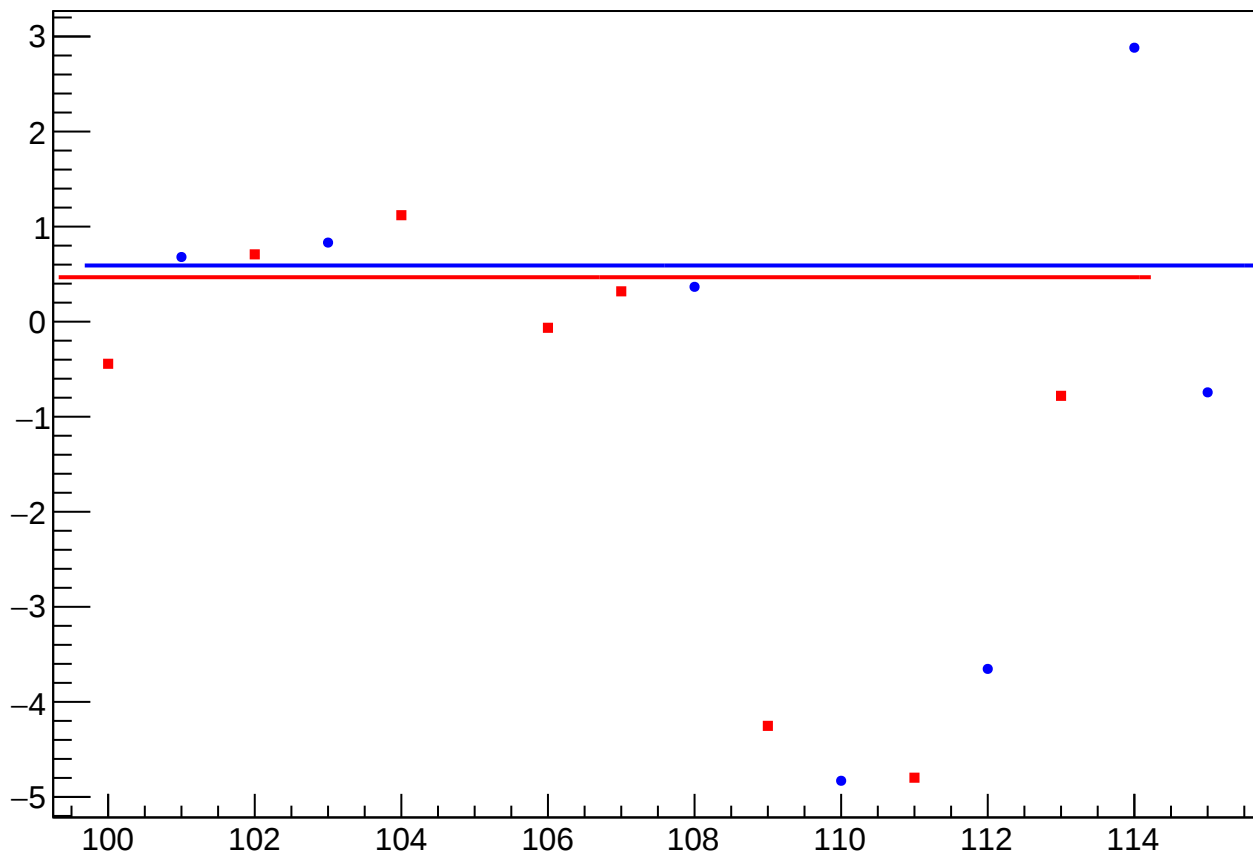
Right: 0.040+/-0.000 χ^2/NDF : 2418885.1/14

In: 0.036+/-0.000 χ^2/NDF : 1334106.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.040+/-0.000 χ^2/NDF : 2418885.1/14

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.591+/-0.000 χ^2/NDF : 1567786350.4/6

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

Right Out: 0.468+/-0.000 χ^2/NDF : 3489657810.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

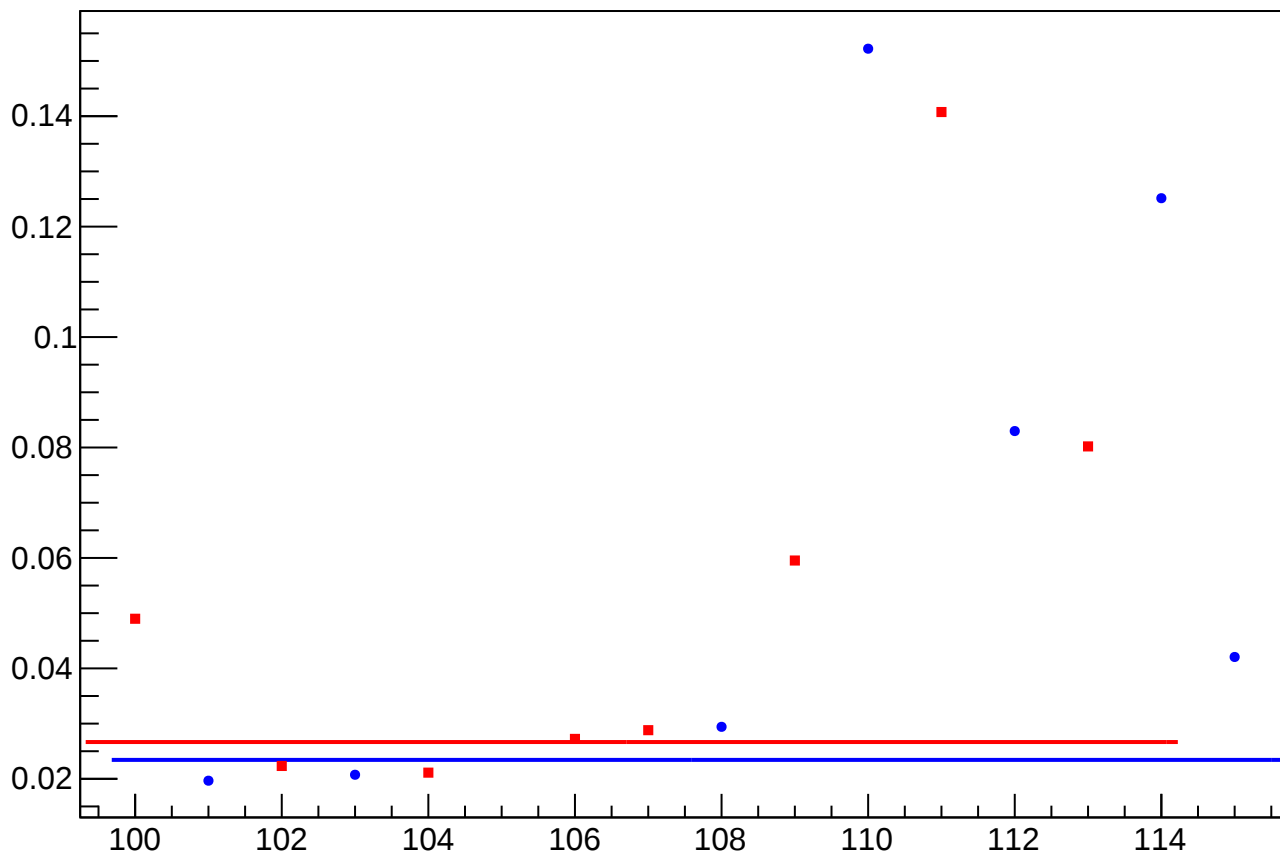
Right: 0.532+/-0.000 χ^2/NDF : 5079700568.6/14

In: 0.591+/-0.000 χ^2/NDF : 1567786350.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.532+/-0.000 χ^2/NDF : 5079700568.6/14

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 1102272.2/6

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

Right Out: 0.027+/-0.000 χ^2/NDF : 1207339.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

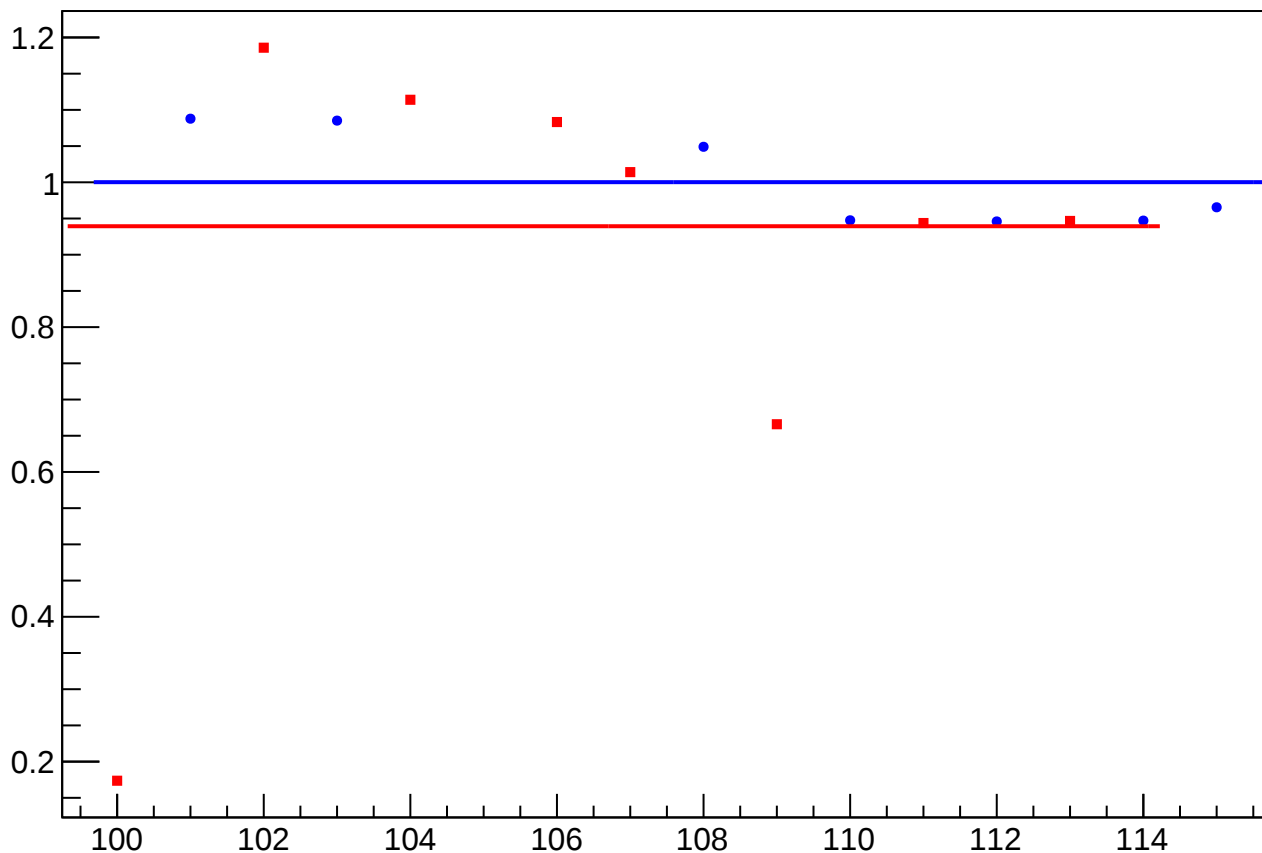
Right: 0.025+/-0.000 χ^2/NDF : 2340200.9/14

In: 0.023+/-0.000 χ^2/NDF : 1102272.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.000 χ^2/NDF : 2340200.9/14

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 1.000+/-0.000 χ^2/NDF : 37967314.9/6

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

Right Out: 0.939+/-0.000 χ^2/NDF : 255721753.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

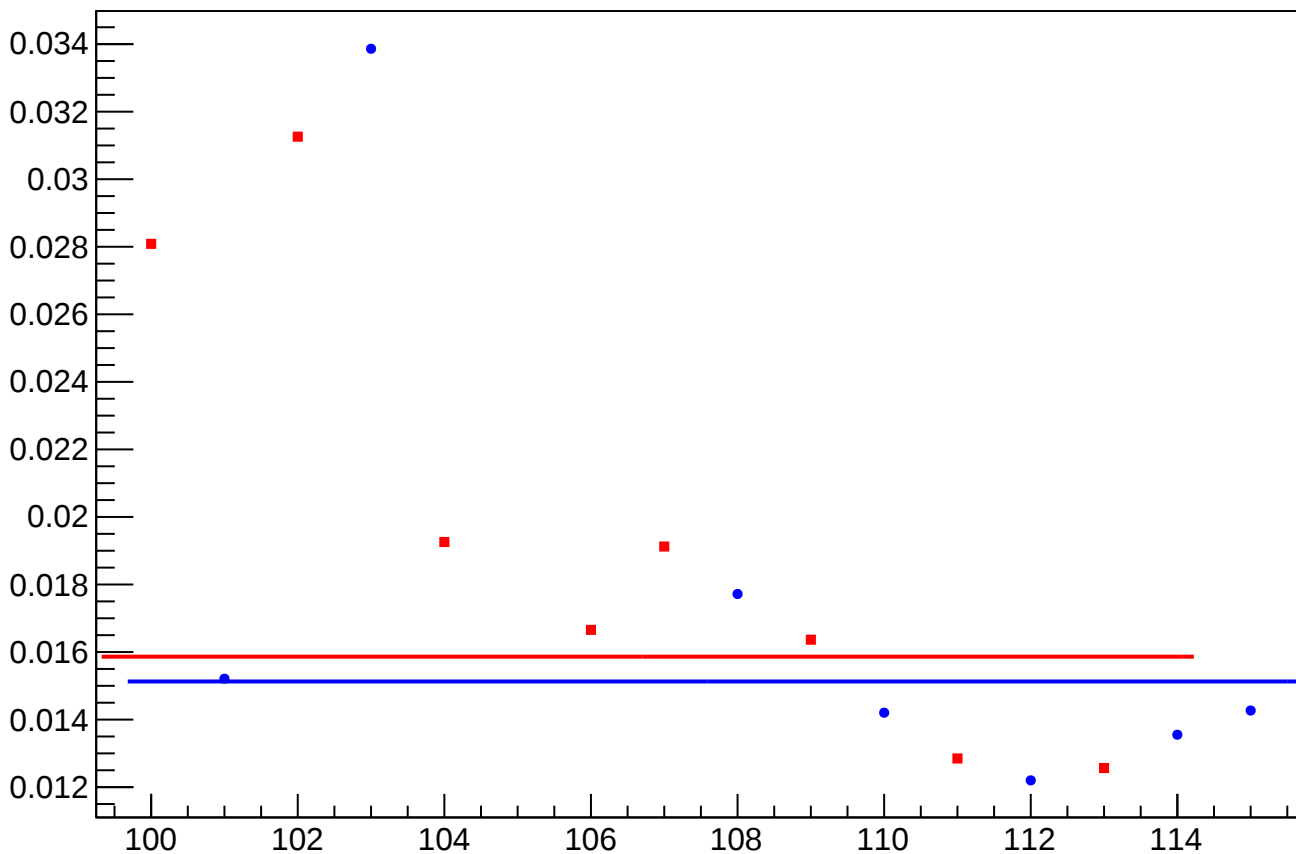
Right: 0.969+/-0.000 χ^2/NDF : 311399913.0/14

In: 1.000+/-0.000 χ^2/NDF : 37967314.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.969+/-0.000 χ^2/NDF : 311399913.0/14

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 388637.6/6

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

Right Out: 0.016+/-0.000 χ^2/NDF : 403795.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

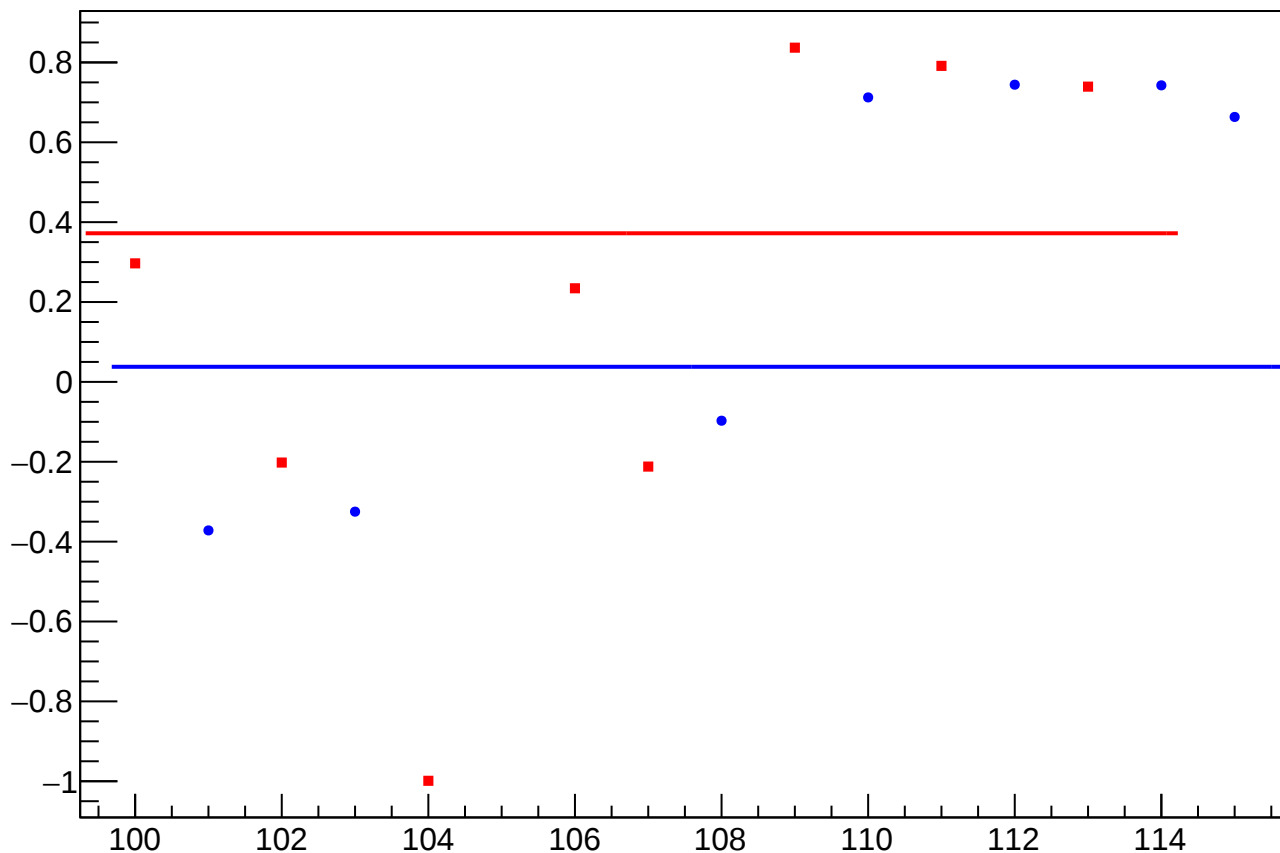
Right: 0.016+/-0.000 χ^2/NDF : 797590.3/14

In: 0.015+/-0.000 χ^2/NDF : 388637.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 797590.3/14

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: 0.038+/-0.000 χ^2/NDF : 1648449850.1/6

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

Right Out: 0.372+/-0.000 χ^2/NDF : 5861186935.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

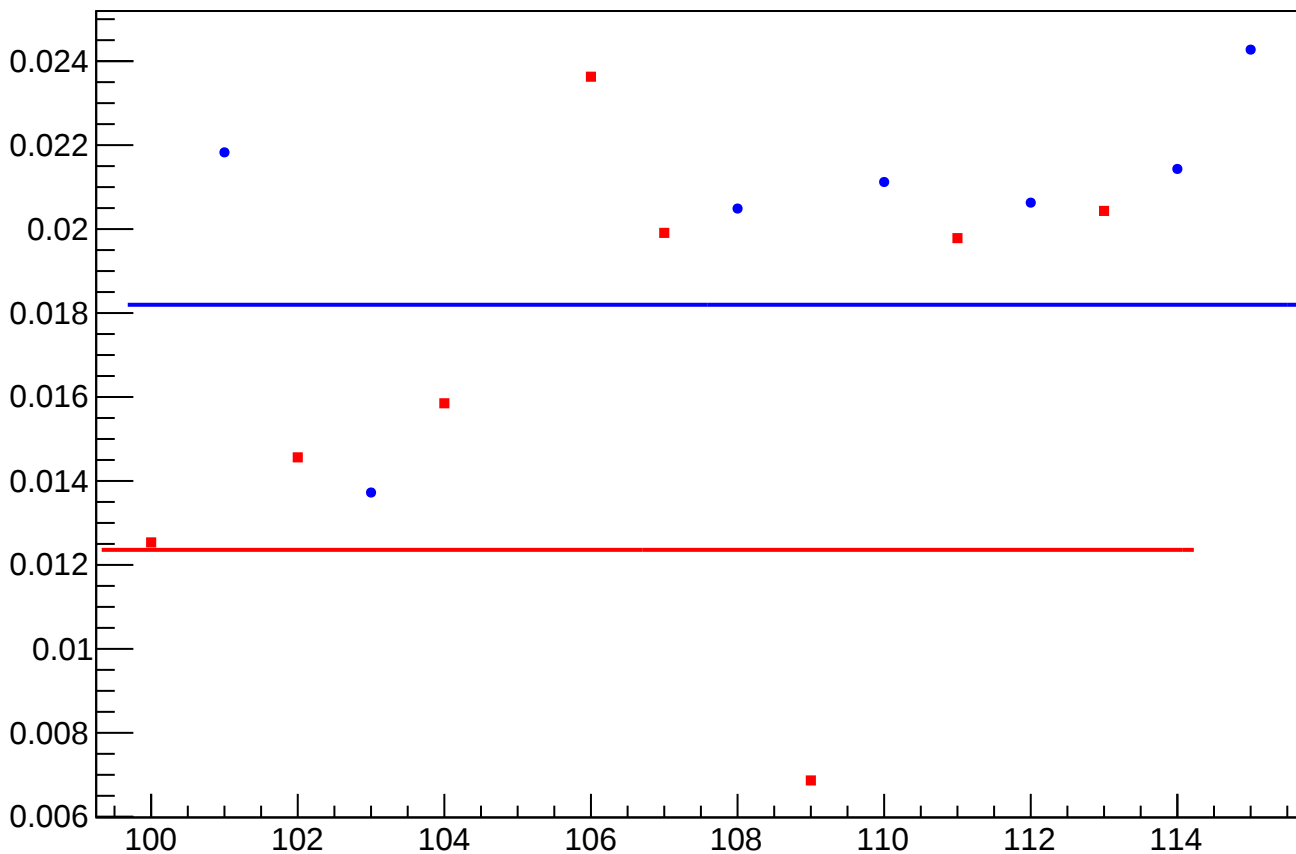
Right: 0.264+/-0.000 χ^2/NDF : 8027596492.4/14

In: 0.038+/-0.000 χ^2/NDF : 1648449850.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.264+/-0.000 χ^2/NDF : 8027596492.4/14

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 195868.9/6

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

Right Out: 0.012+/-0.000 χ^2/NDF : 918014.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

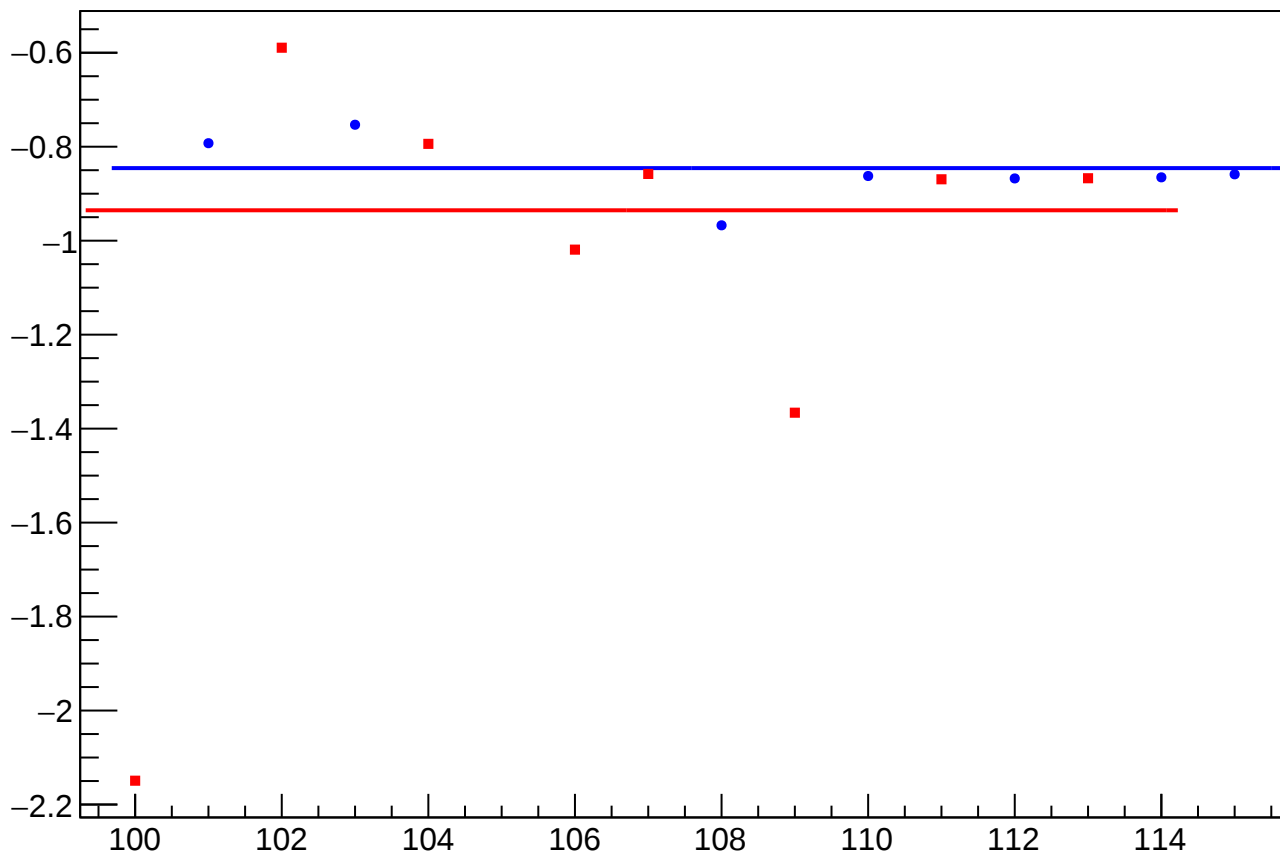
Right: 0.014+/-0.000 χ^2/NDF : 1429749.9/14

In: 0.018+/-0.000 χ^2/NDF : 195868.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 1429749.9/14

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.846+/-0.000 χ^2/NDF : 5891086.7/6

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

Right Out: -0.935+/-0.000 χ^2/NDF : 105662558.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

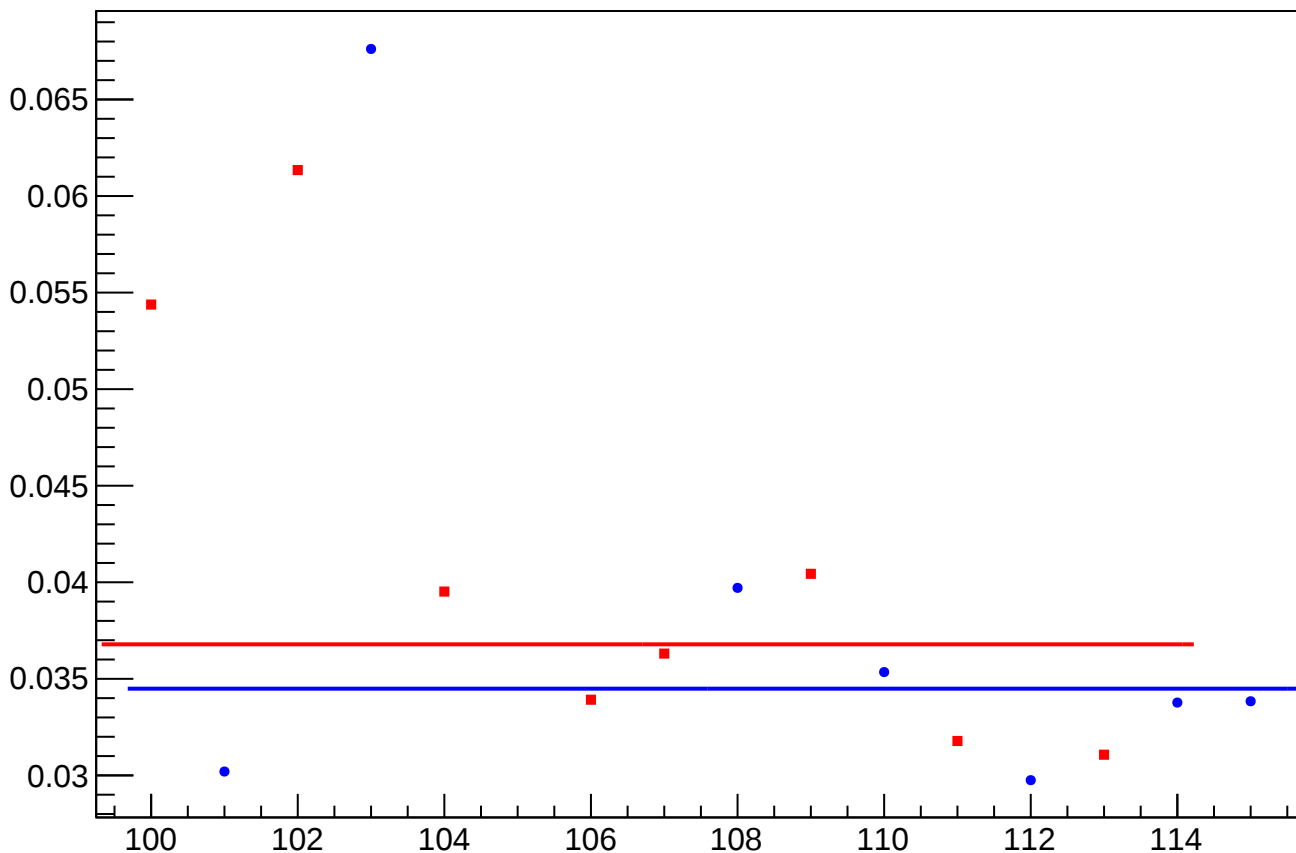
Right: -0.892+/-0.000 χ^2/NDF : 119011519.4/14

In: -0.846+/-0.000 χ^2/NDF :5891086.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.892+/-0.000 χ^2/NDF : 119011519.4/14

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.034+/-0.000 χ^2/NDF : 300310.7/6

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

Right Out: 0.037+/-0.000 χ^2/NDF : 228153.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

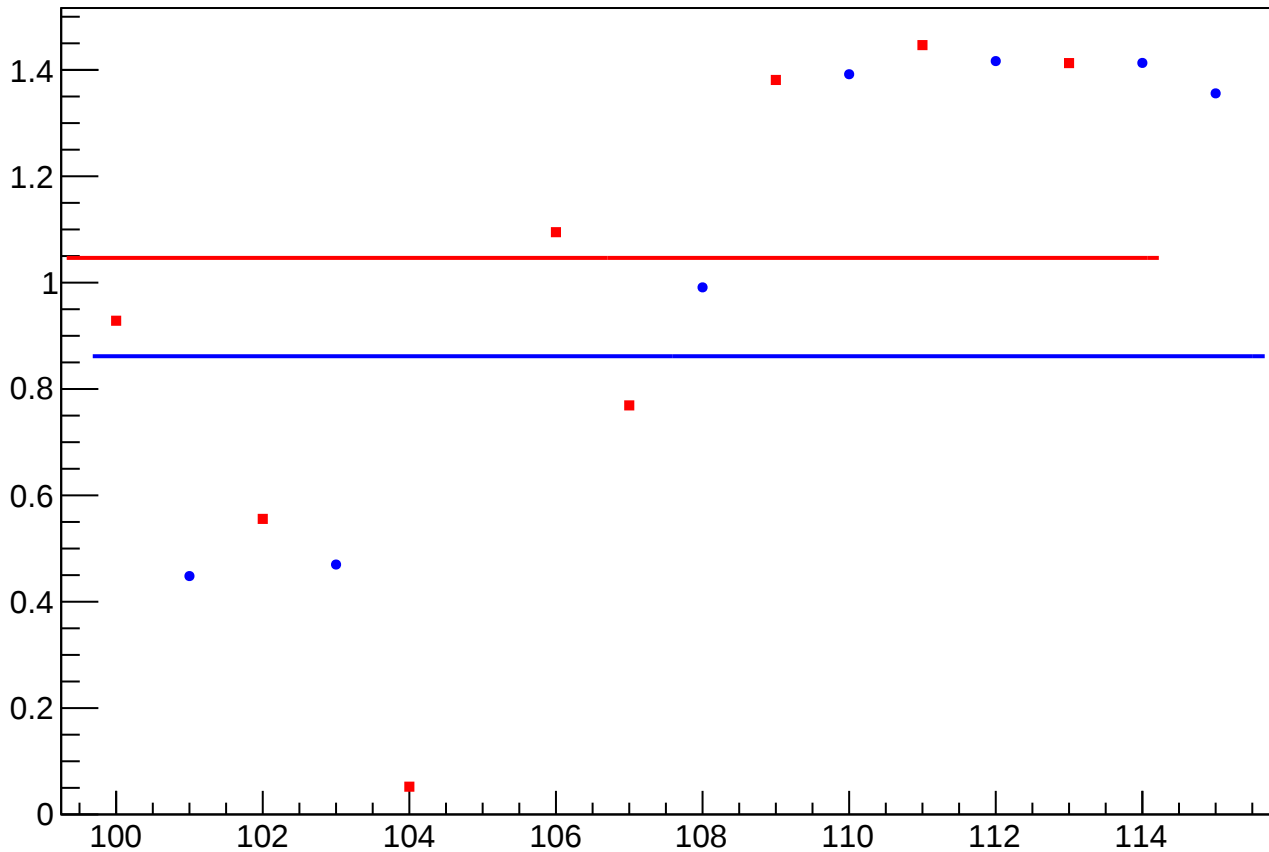
Right: 0.036+/-0.000 χ^2/NDF : 538216.4/14

In: 0.034+/-0.000 χ^2/NDF : 300310.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.036+/-0.000 χ^2/NDF : 538216.4/14

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.862 $\pm$ 0.000 χ^2 /NDF: 2714299019.3/6

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

Right Out: 1.047 $\pm$ 0.000 χ^2 /NDF: 5714539284.2/7

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

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

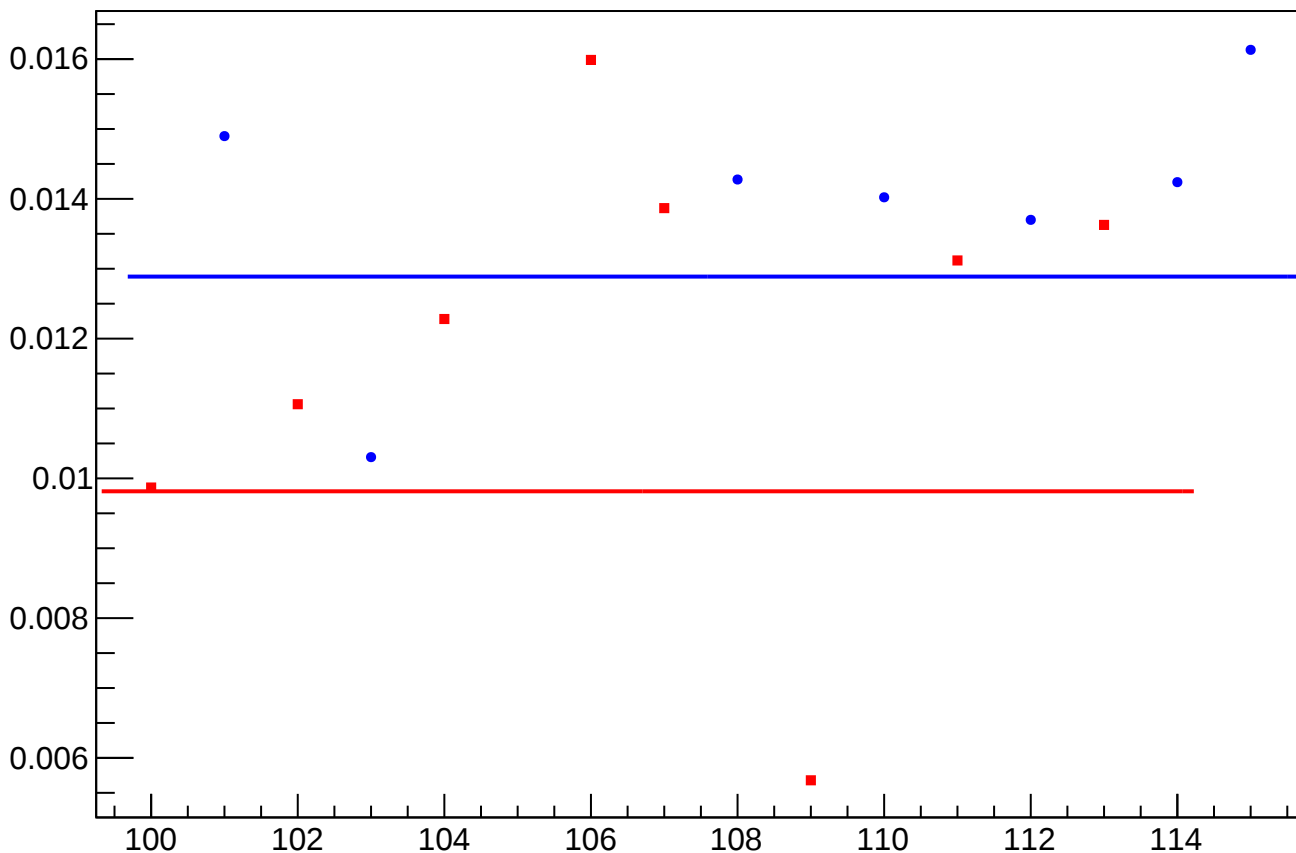
Right: 0.980 $\pm$ 0.000 χ^2 /NDF: 8730078711.6/14

In: 0.862 $\pm$ 0.000 χ^2 /NDF:2714299019.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.980 $\pm$ 0.000 χ^2 /NDF: 8730078711.6/14

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 111205.4/6

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

Right Out: 0.010+/-0.000 χ^2/NDF : 627002.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

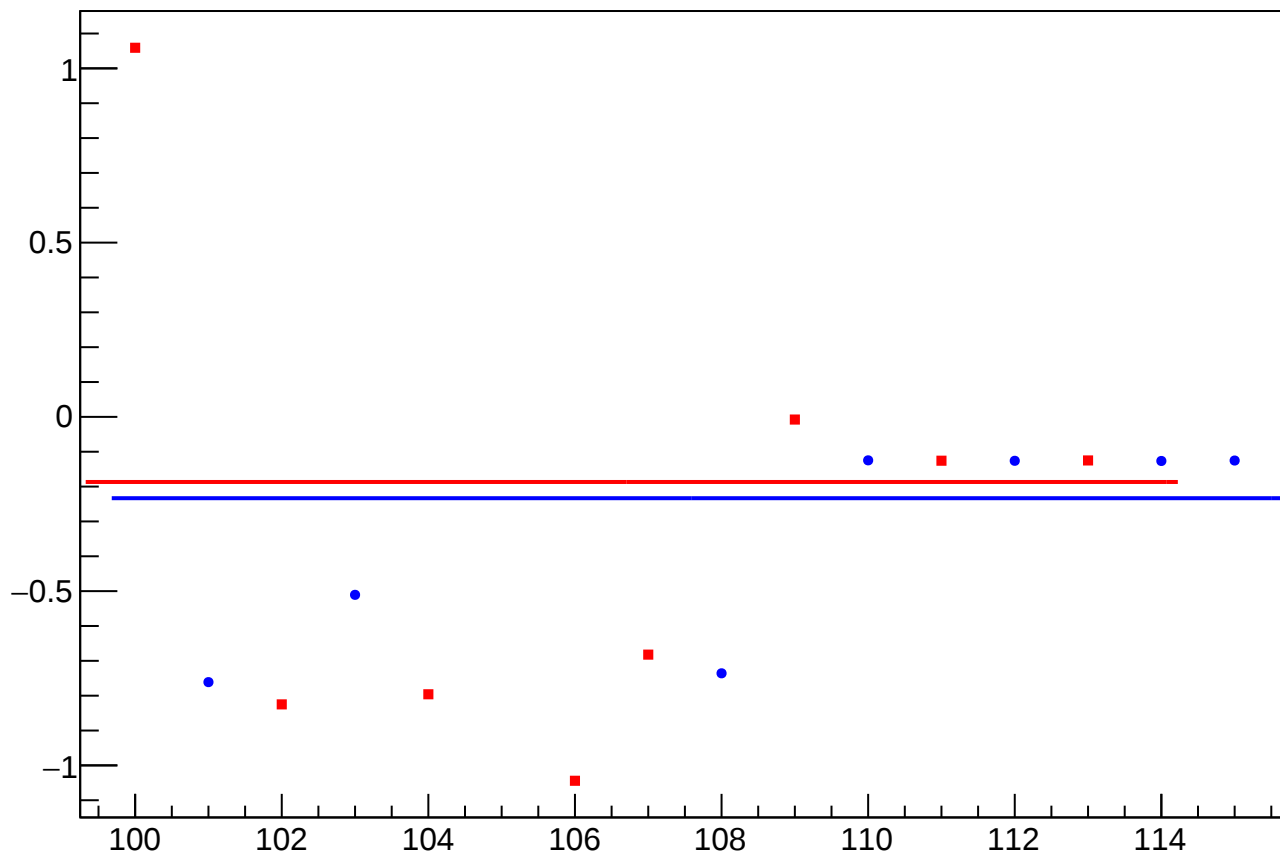
Right: 0.011+/-0.000 χ^2/NDF : 904612.1/14

In: 0.013+/-0.000 χ^2/NDF :111205.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 904612.1/14

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.233+/-0.000 χ^2/NDF : 318343844.9/6

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

Right Out: -0.187+/-0.000 χ^2/NDF : 408671739.3/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

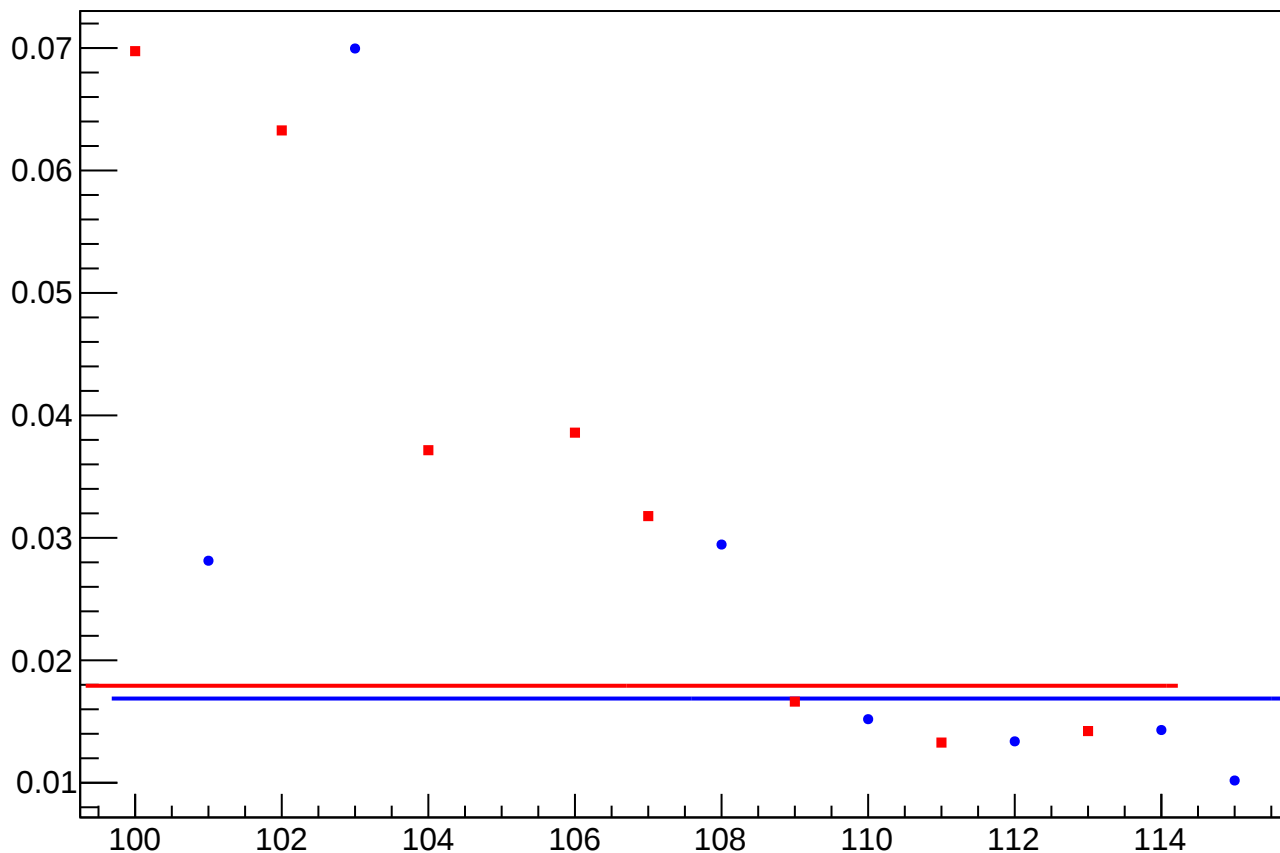
Right: -0.210+/-0.000 χ^2/NDF : 733528909.6/14

In: -0.233+/-0.000 χ^2/NDF :318343844.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.210+/-0.000 χ^2/NDF : 733528909.6/14

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 1034135.4/6

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

Right Out: 0.018+/-0.000 χ^2/NDF : 1145188.5/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

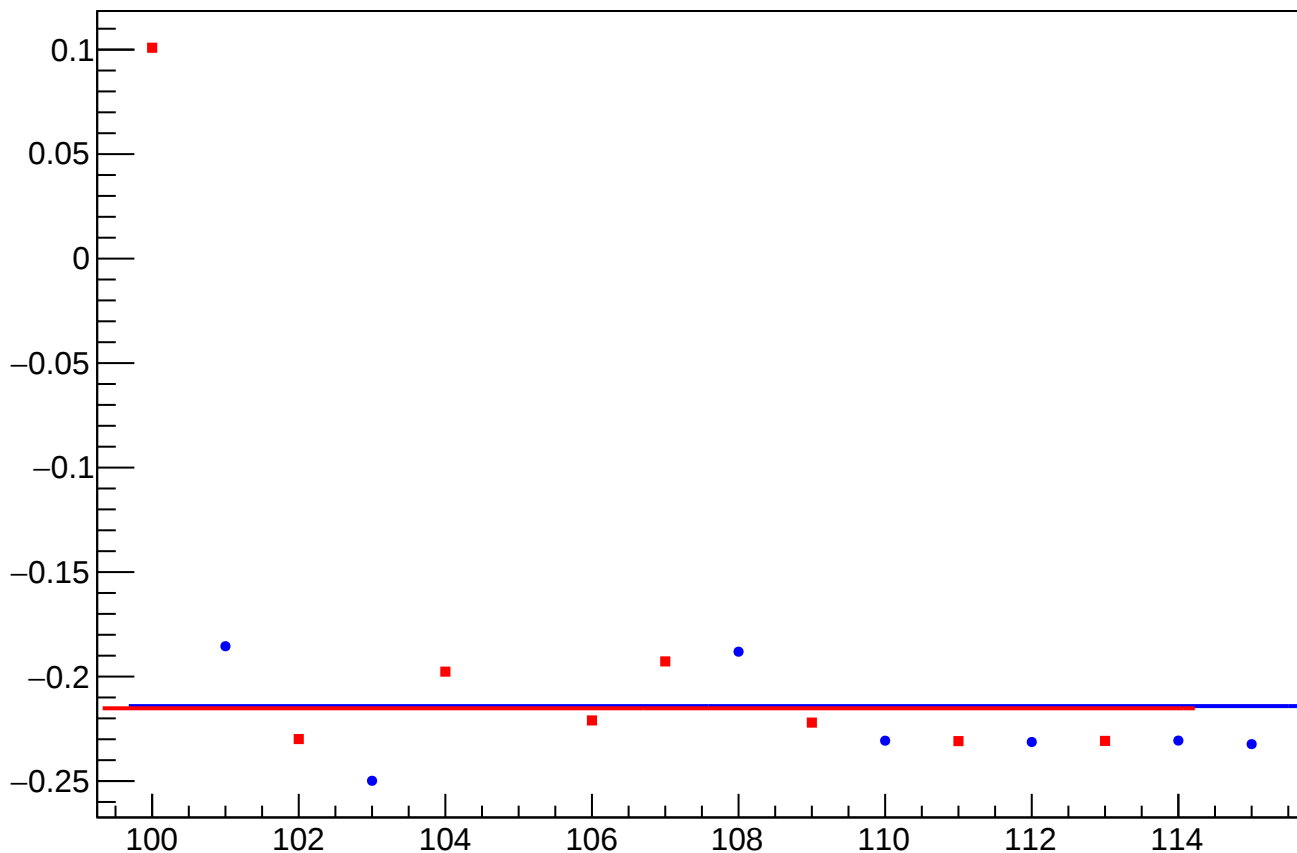
Right: 0.017+/-0.000 χ^2/NDF : 2185882.2/14

In: 0.017+/-0.000 χ^2/NDF :1034135.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.017+/-0.000 χ^2/NDF : 2185882.2/14

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.214+/-0.000 χ^2/NDF : 59115834.8/6

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

Right Out: -0.215+/-0.000 χ^2/NDF : 154318779.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

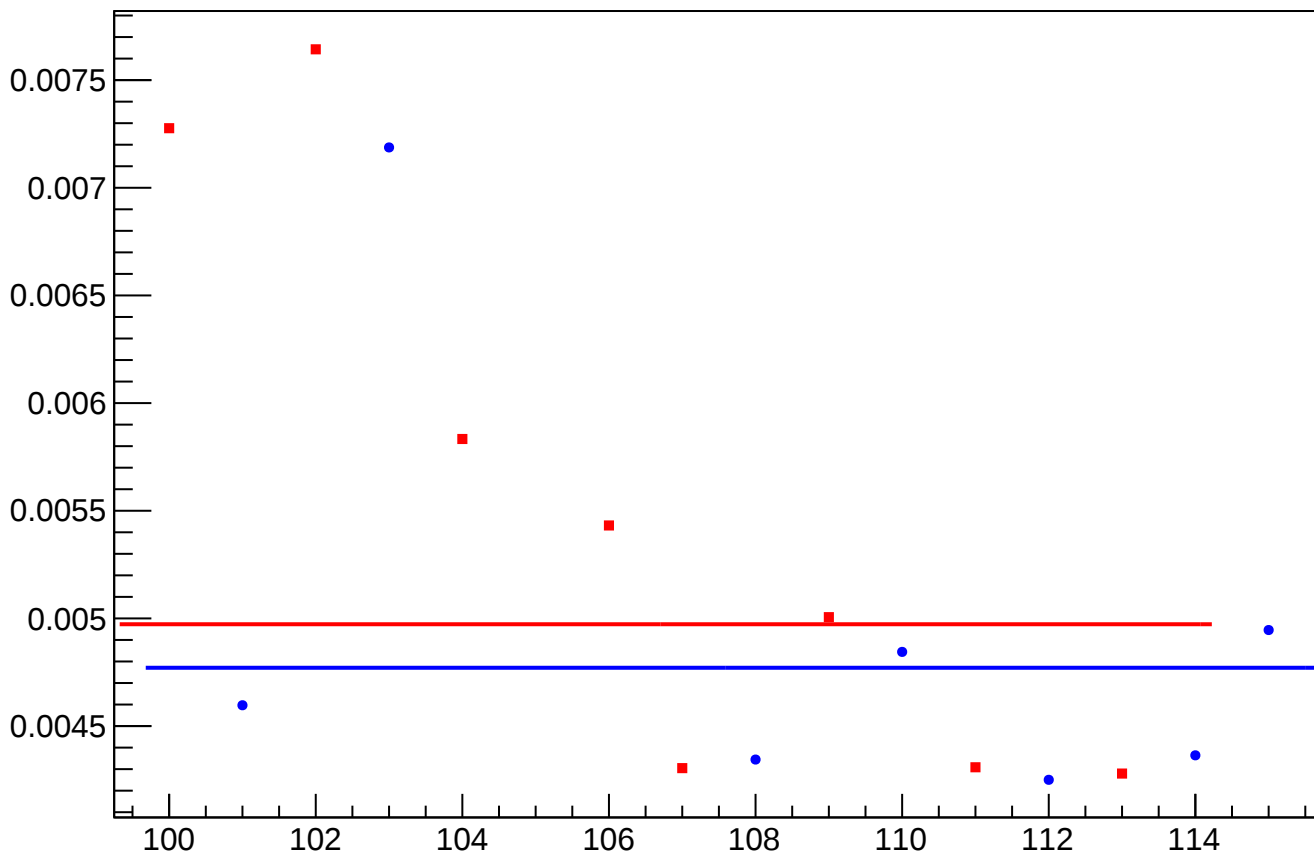
Right: -0.215+/-0.000 χ^2/NDF : 213492639.3/14

In: -0.214+/-0.000 χ^2/NDF :59115834.8/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.215+/-0.000 χ^2/NDF : 213492639.3/14

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 142465.6/6

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

Right Out: 0.005+/-0.000 χ^2/NDF : 215356.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

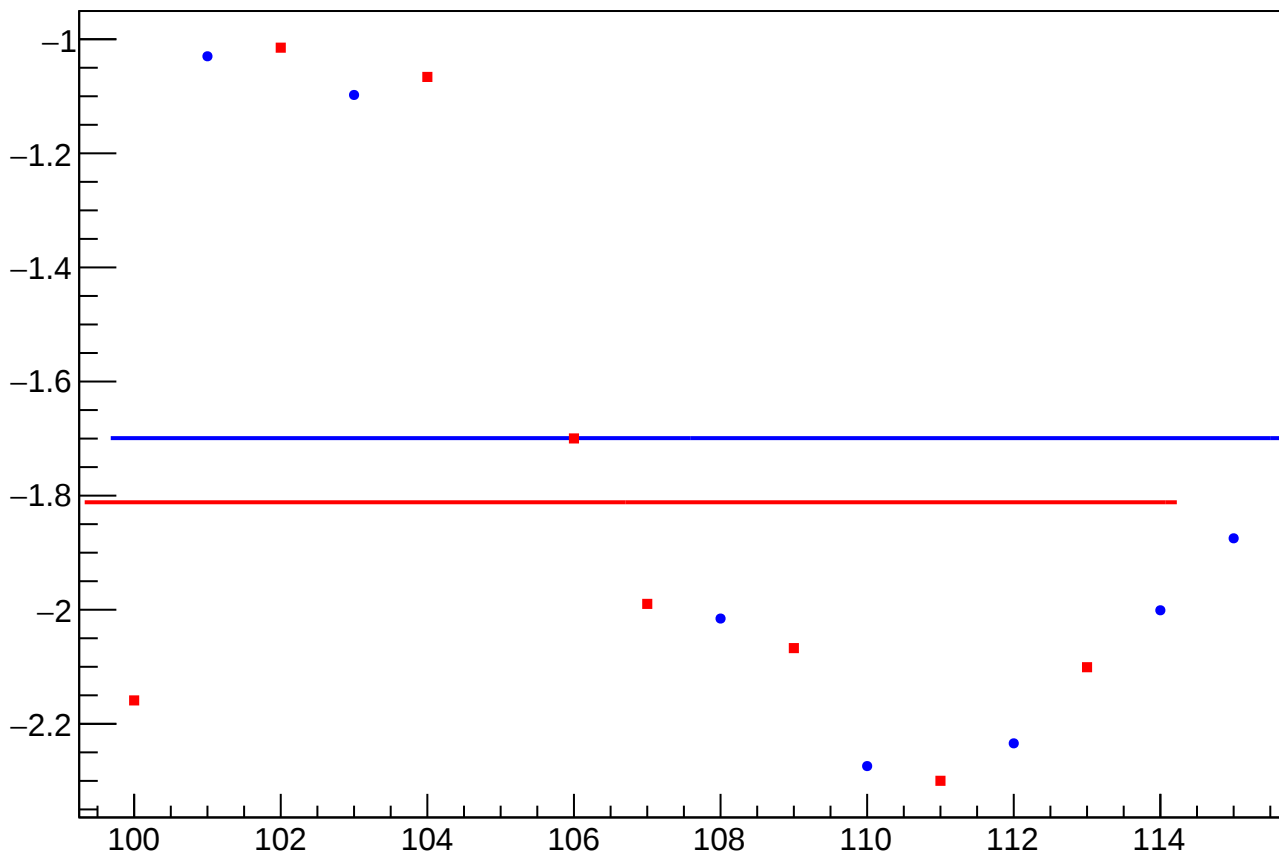
Right: 0.005+/-0.000 χ^2/NDF : 362107.7/14

In: 0.005+/-0.000 χ^2/NDF : 142465.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 362107.7/14

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.699+/-0.000 χ^2/NDF : 14982652063.7/6

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

Right Out: -1.812+/-0.000 χ^2/NDF : 16810797346.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

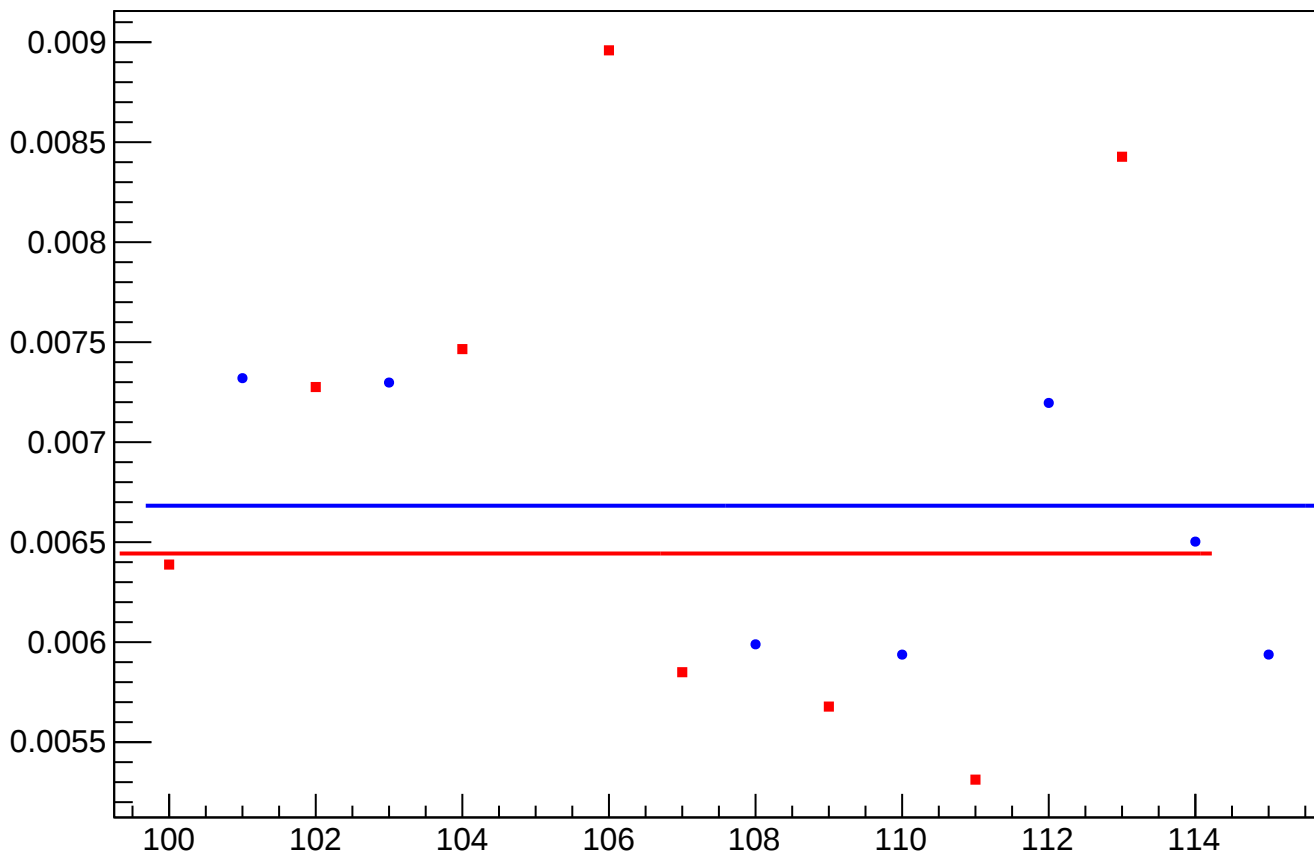
Right: -1.762+/-0.000 χ^2/NDF : 32174724522.6/14

In: -1.699+/-0.000 χ^2/NDF : 14982652063.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.762+/-0.000 χ^2/NDF : 32174724522.6/14

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 44562.1/6

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

Right Out: 0.006+/-0.000 χ^2/NDF : 169935.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

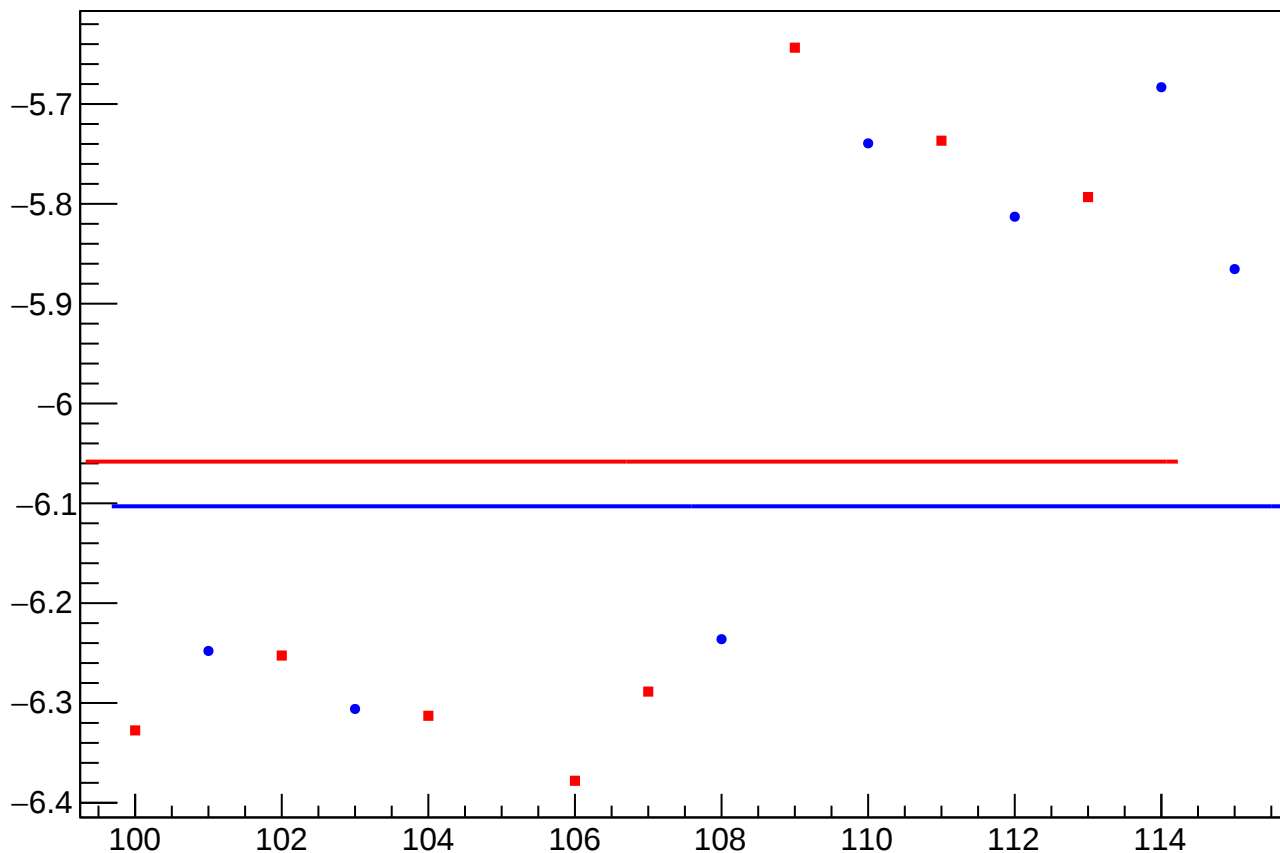
Right: 0.007+/-0.000 χ^2/NDF : 217942.6/14

In: 0.007+/-0.000 χ^2/NDF :44562.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 217942.6/14

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -6.103+/-0.000 χ^2/NDF : 4335316768.8/6

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

Right Out: -6.058+/-0.000 χ^2/NDF : 7862913076.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

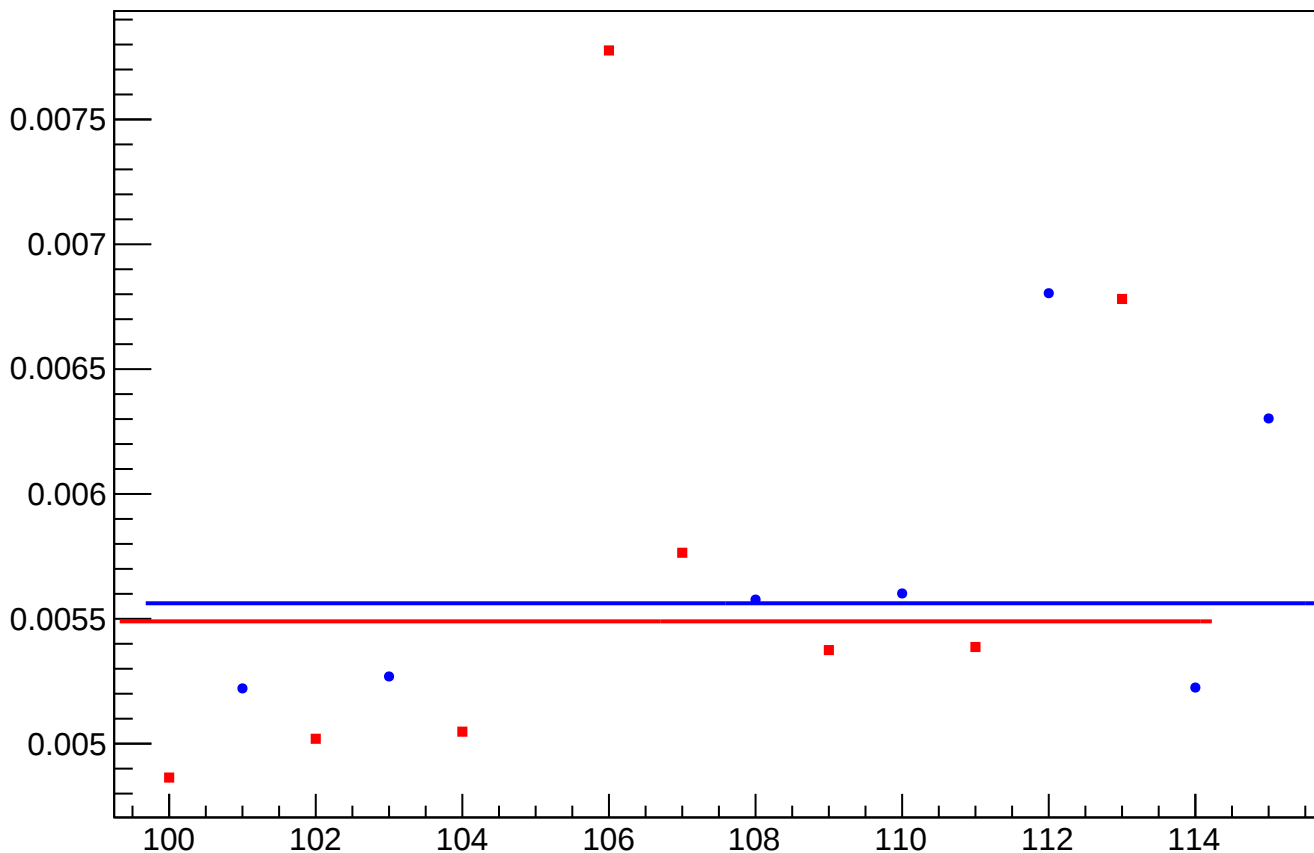
Right: -6.078+/-0.000 χ^2/NDF : 12283547279.9/14

In: -6.103+/-0.000 χ^2/NDF :4335316768.8/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.078+/-0.000 χ^2/NDF : 12283547279.9/14

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 40553.4/6

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

Right Out: 0.005+/-0.000 χ^2/NDF : 91439.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

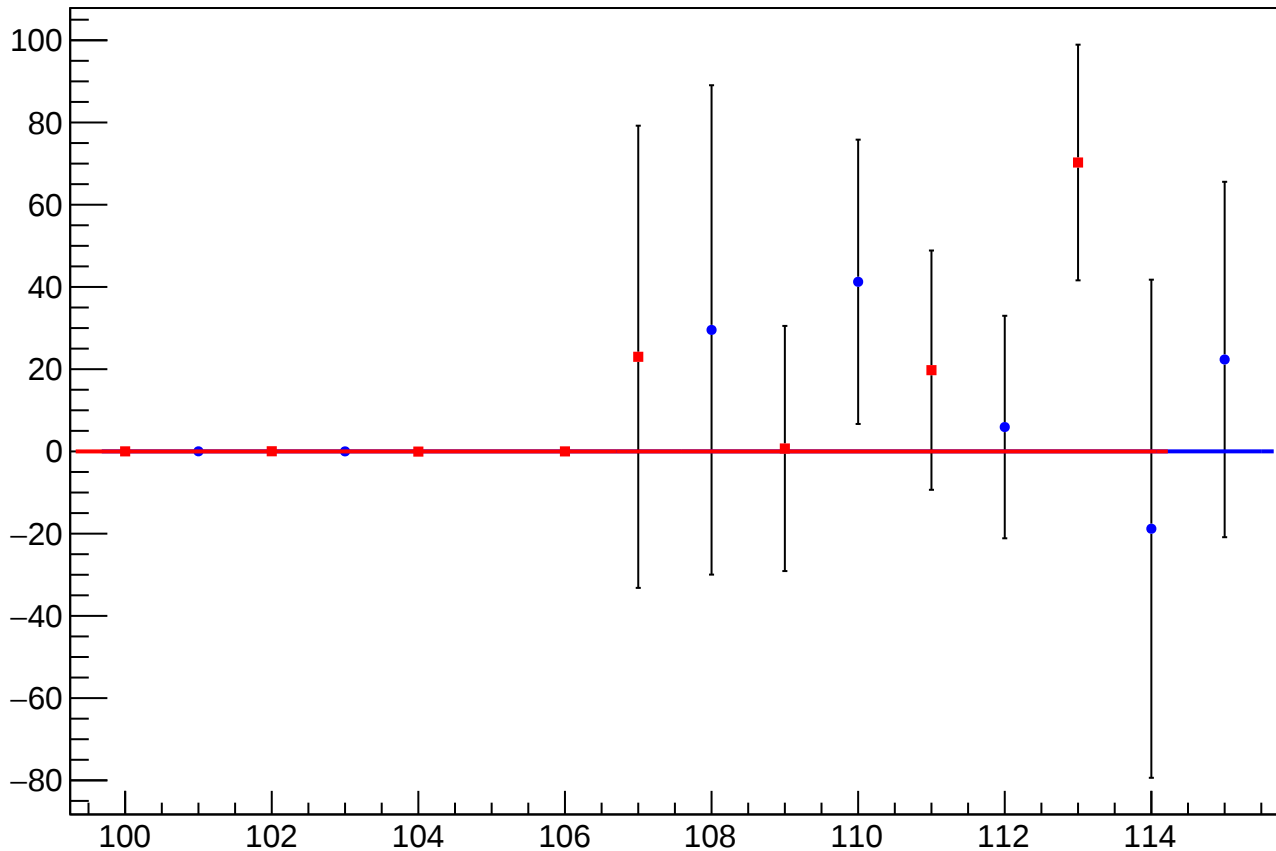
Right: 0.006+/-0.000 χ^2/NDF : 132439.1/14

In: 0.006+/-0.000 χ^2/NDF :40553.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 132439.1/14

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.017 χ^2/NDF : 2.2/6

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

Right Out: -0.003+/-0.016 χ^2/NDF : 11.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

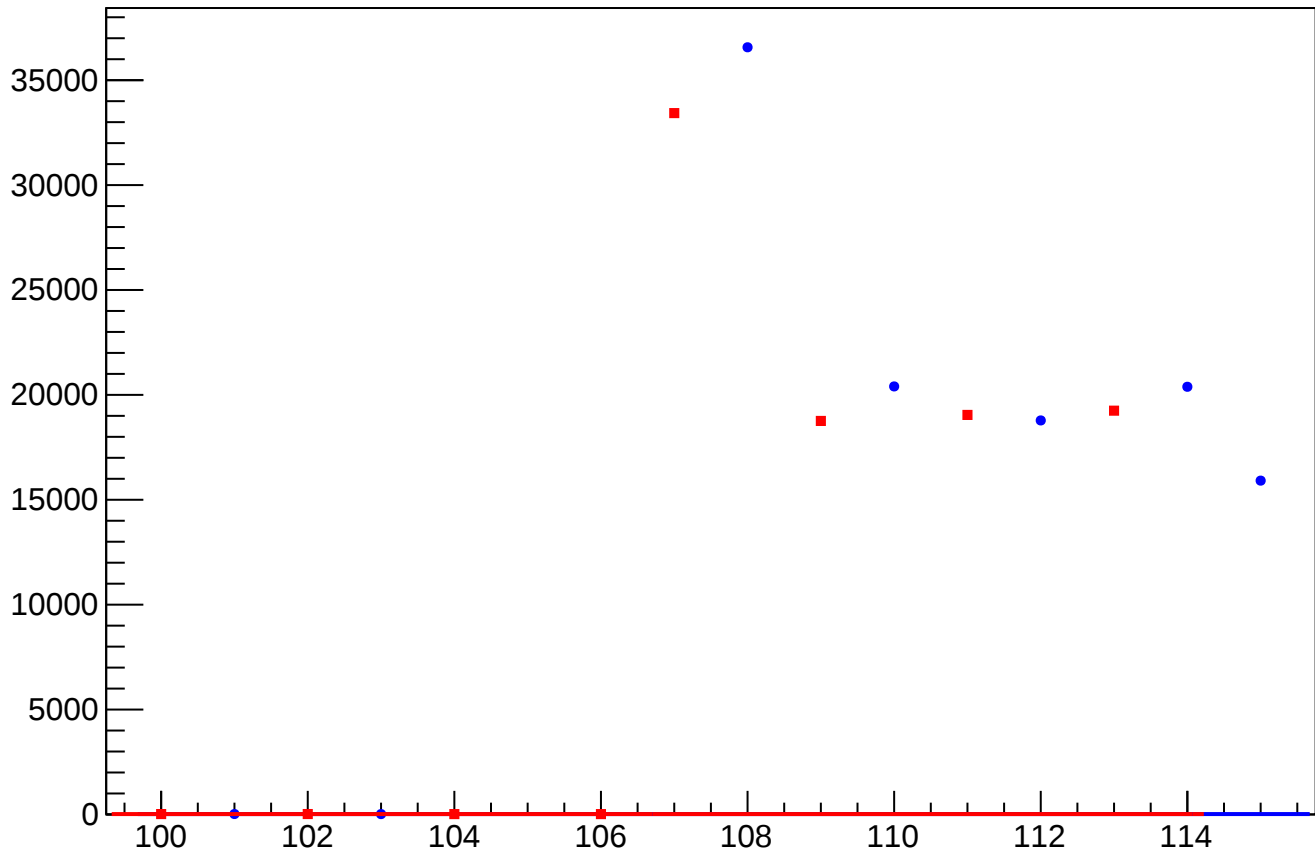
Right: 0.004+/-0.012 χ^2/NDF : 14.2/14

In: 0.013+/-0.017 χ^2/NDF : 2.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.012 χ^2/NDF : 14.2/14

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 18.580+/-0.012 χ^2/NDF : 2919690.6/6

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

Right Out: 18.262+/-0.011 χ^2/NDF : 3264897.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

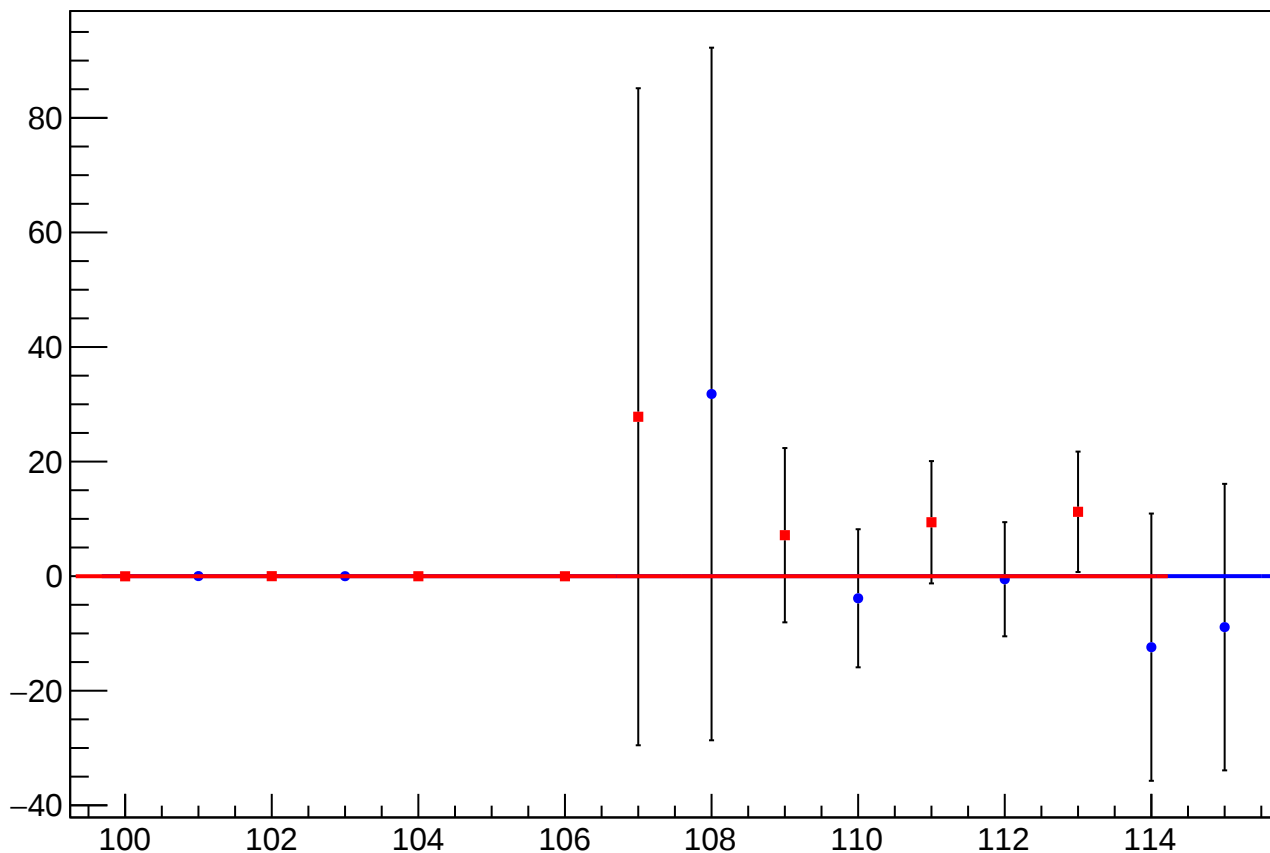
Right: 18.409+/-0.008 χ^2/NDF : 6184950.3/14

In: 18.580+/-0.012 χ^2/NDF : 2919690.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.409+/-0.008 χ^2/NDF : 6184950.3/14

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.009 χ^2/NDF : 1.9/6

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

Right Out: -0.014+/-0.009 χ^2/NDF : 3.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

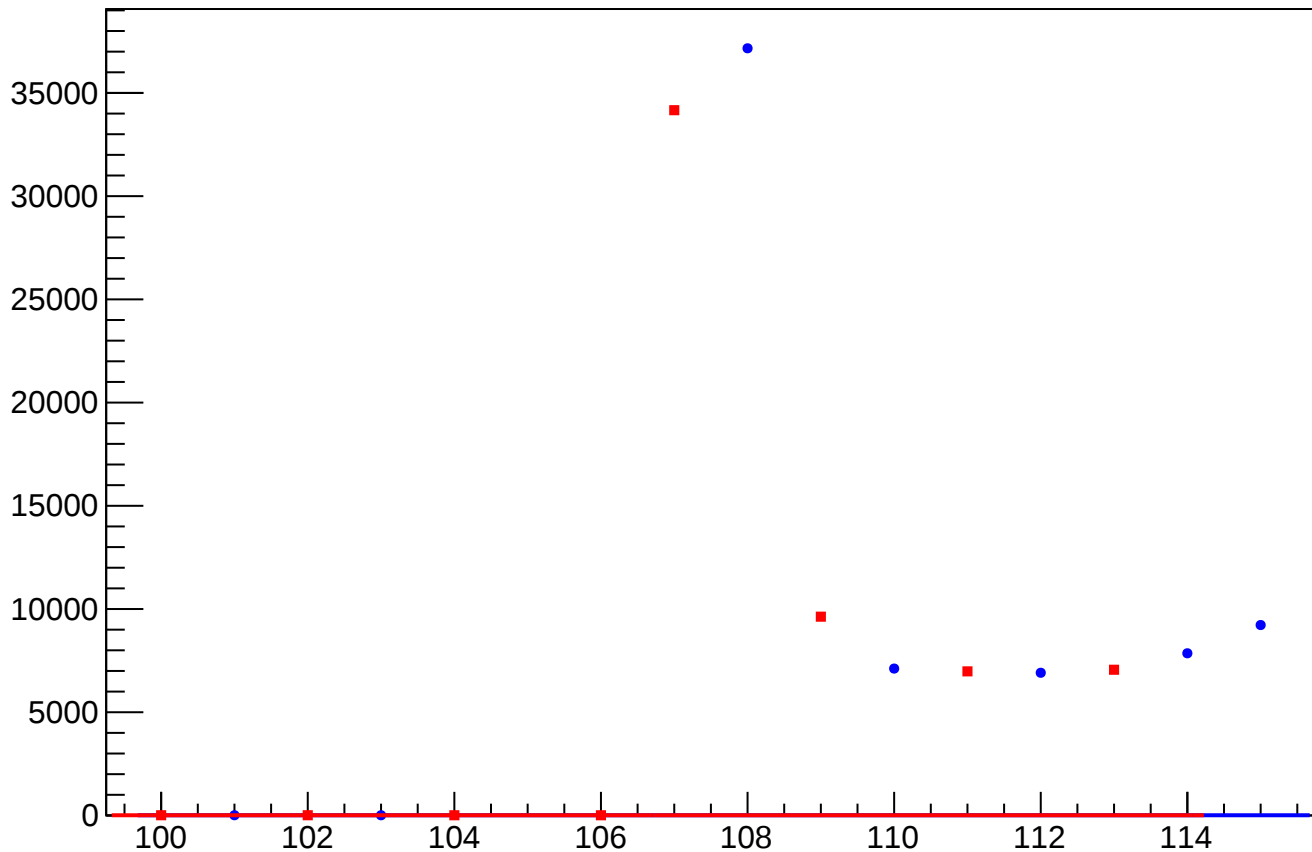
Right: -0.007+/-0.006 χ^2/NDF : 6.4/14

In: 0.001+/-0.009 χ^2/NDF : 1.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.006 χ^2/NDF : 6.4/14

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 9.868+/-0.007 χ^2/NDF : 2918812.7/6

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

Right Out: 9.794+/-0.006 χ^2/NDF : 3274774.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

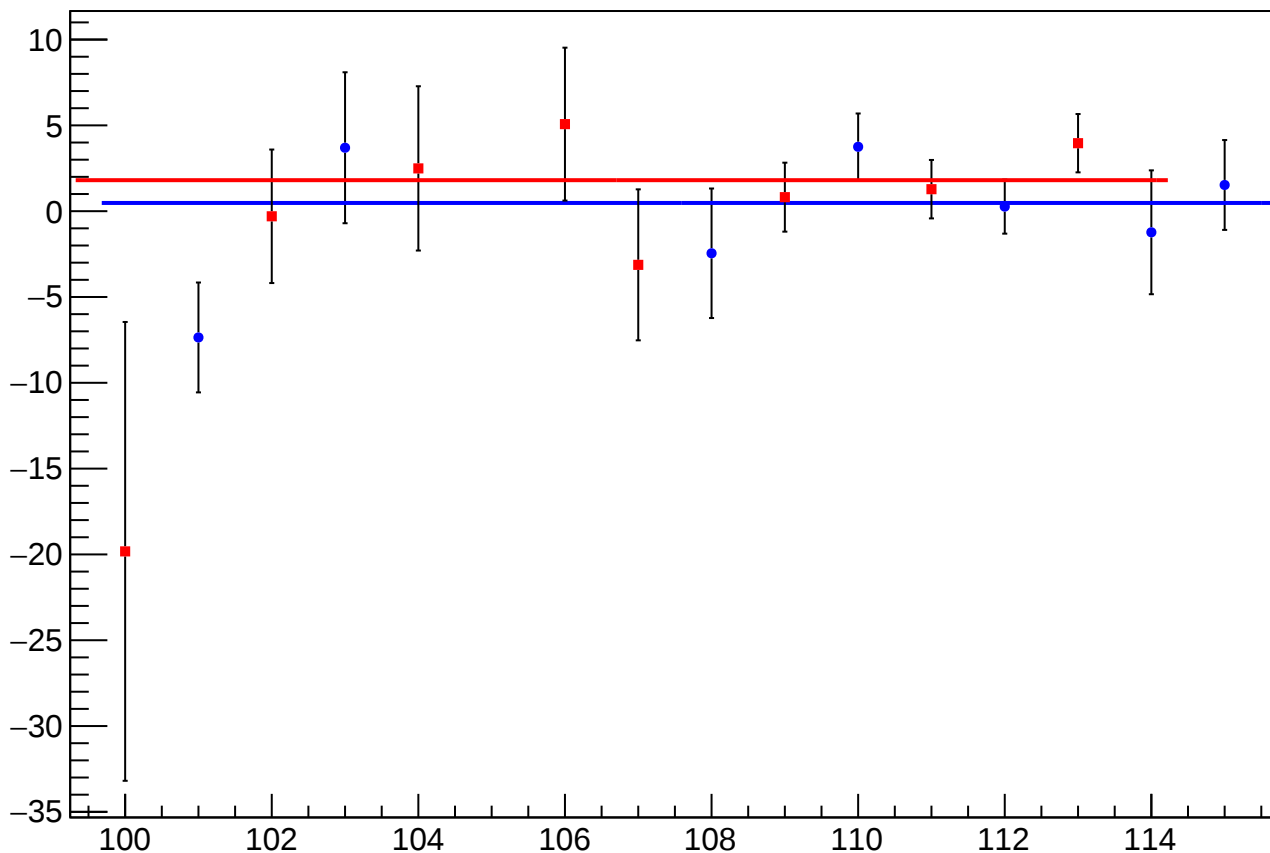
Right: 9.829+/-0.004 χ^2/NDF : 6193656.9/14

In: 9.868+/-0.007 χ^2/NDF : 2918812.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.829+/-0.004 χ^2/NDF : 6193656.9/14

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: 0.479+/-0.949 χ^2/NDF : 10.4/6

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

Right Out: 1.806+/-0.930 χ^2/NDF : 6.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

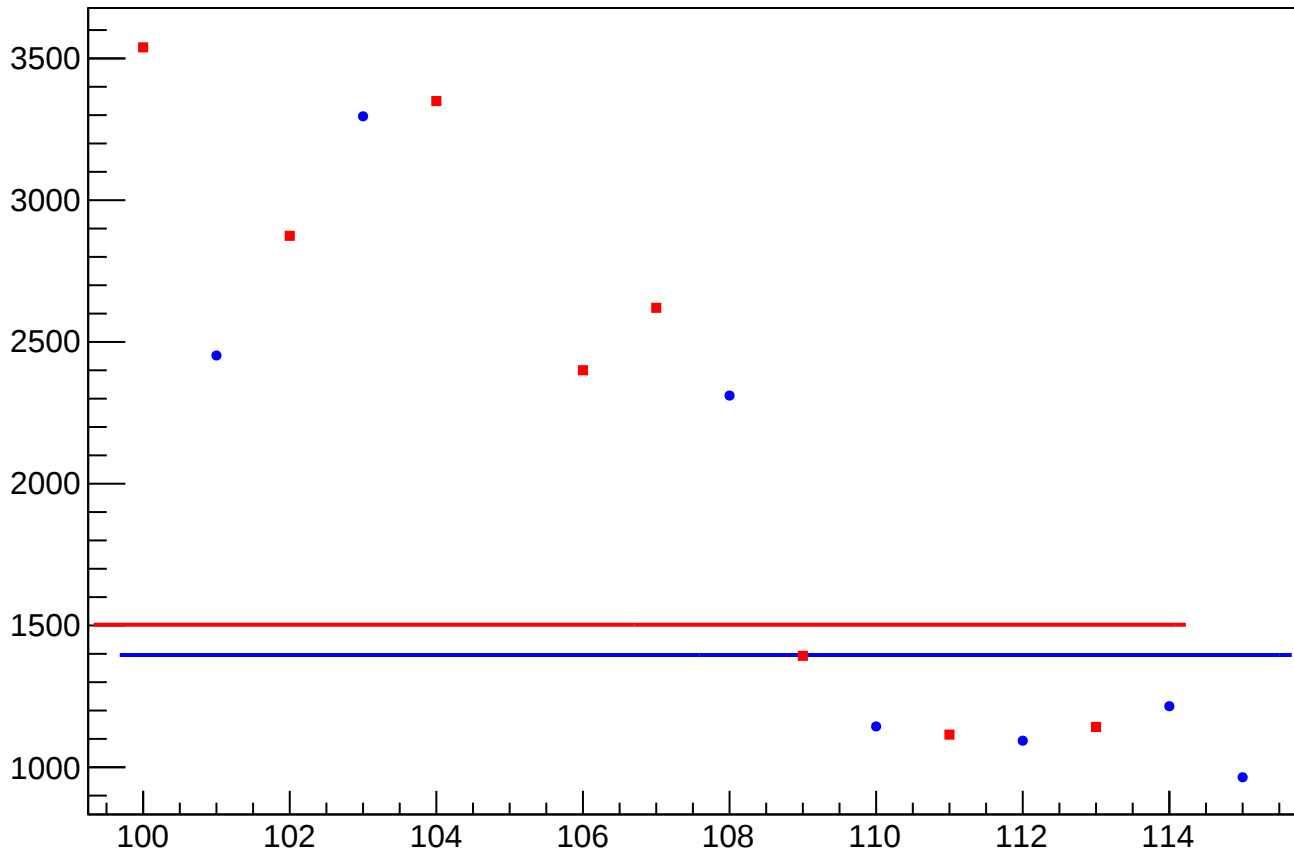
Right: 1.156+/-0.664 χ^2/NDF : 18.0/14

In: 0.479+/-0.949 χ^2/NDF : 10.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.156+/-0.664 χ^2/NDF : 18.0/14

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 1395.894+/-0.671 χ^2/NDF : 875185.6/6

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

Right Out: 1502.725+/-0.658 χ^2/NDF : 1002768.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

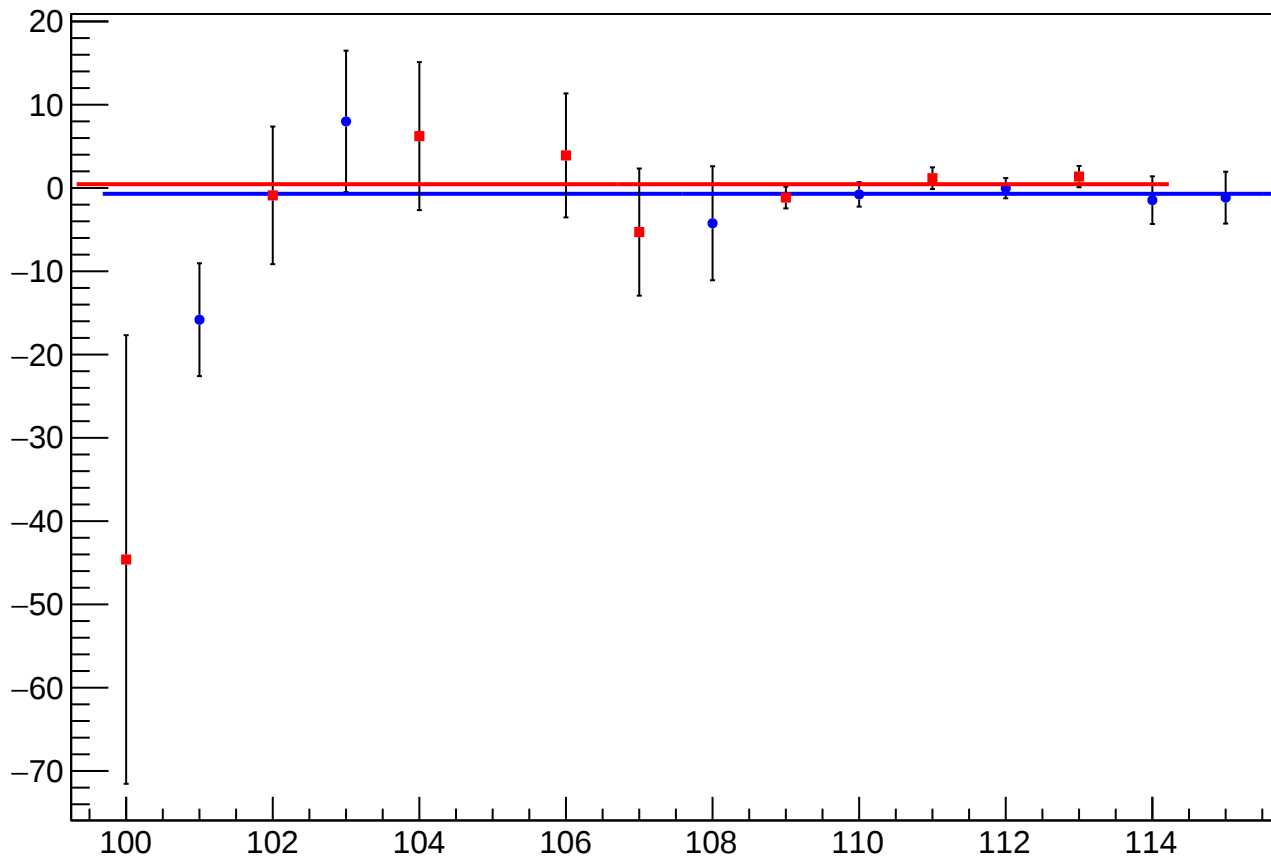
Right: 1450.380+/-0.470 χ^2/NDF : 1890883.9/14

In: 1395.894+/-0.671 χ^2/NDF : 875185.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1450.380+/-0.470 χ^2/NDF : 1890883.9/14

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.697 $\pm$ 0.838 χ^2 /NDF: 6.7/6

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

Right Out: 0.458 $\pm$ 0.736 χ^2 /NDF: 6.3/7

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

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

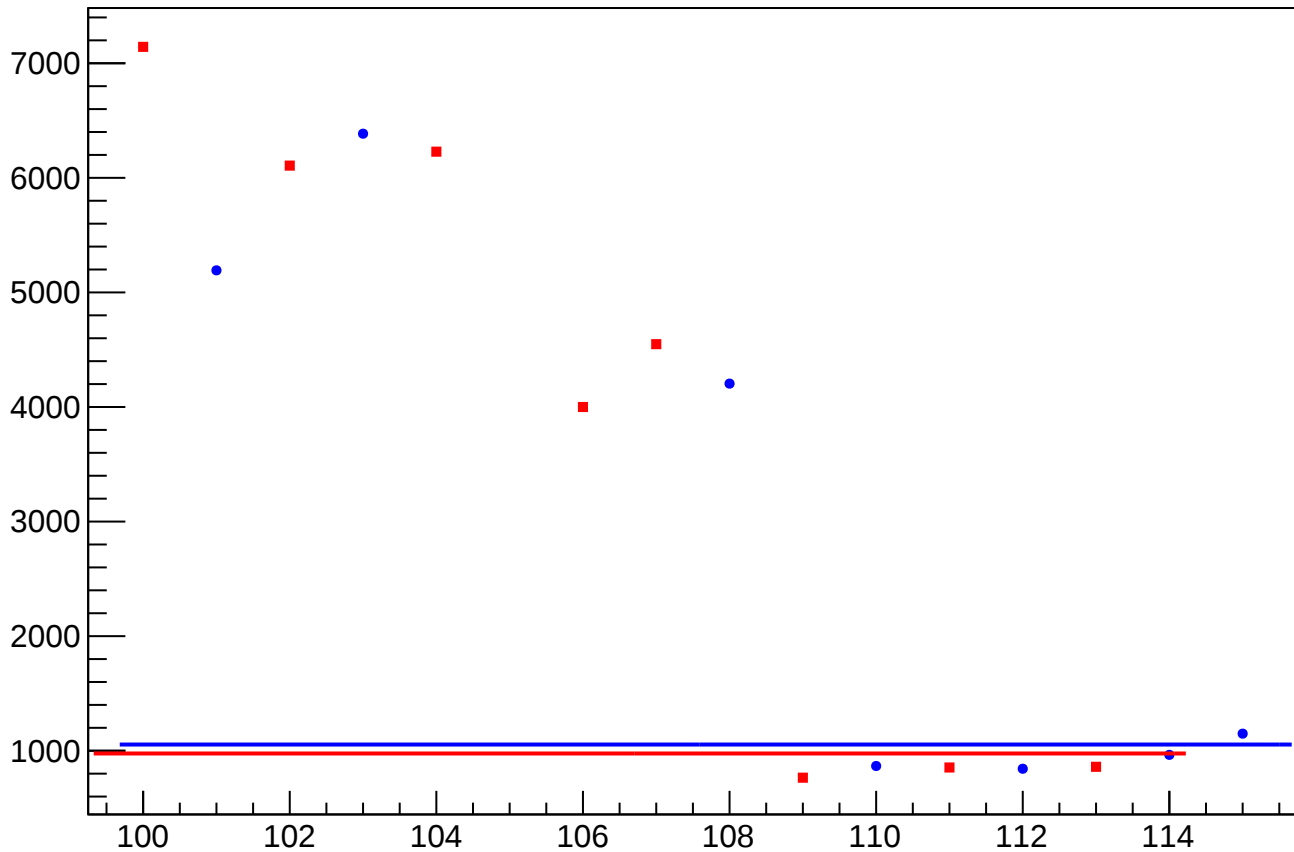
Right: -0.045 $\pm$ 0.553 χ^2 /NDF: 14.1/14

In: -0.697 $\pm$ 0.838 χ^2 /NDF:6.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.045 $\pm$ 0.553 χ^2 /NDF: 14.1/14

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 1054.054+/-0.593 χ^2/NDF : 2054830.8/6

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

Right Out: 975.952+/-0.521 χ^2/NDF : 2428910.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

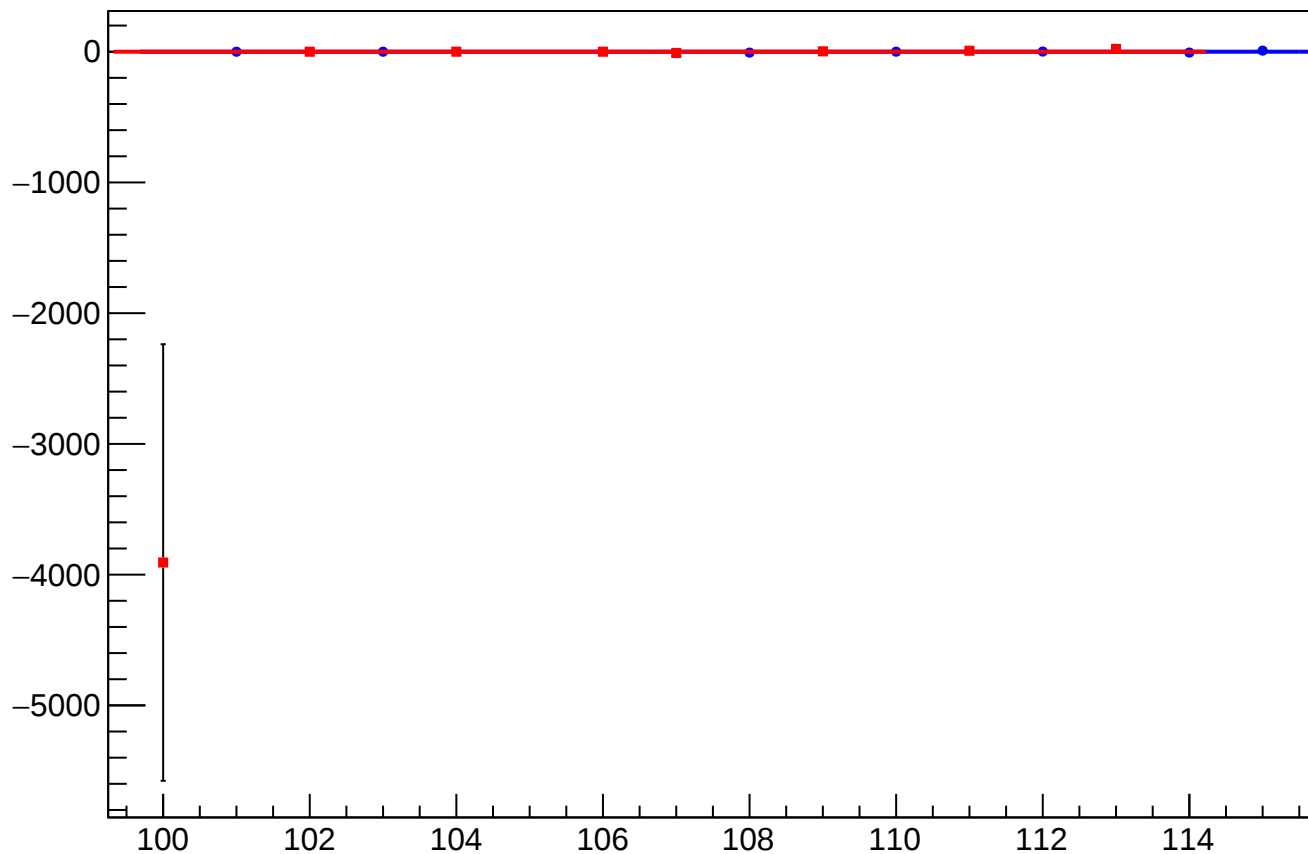
Right: 1009.971+/-0.391 χ^2/NDF : 4493546.3/14

In: 1054.054+/-0.593 χ^2/NDF : 2054830.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1009.971+/-0.391 χ^2/NDF : 4493546.3/14

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.021 χ^2/NDF : 1.5/6

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

Right Out: 0.027+/-0.020 χ^2/NDF : 13.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

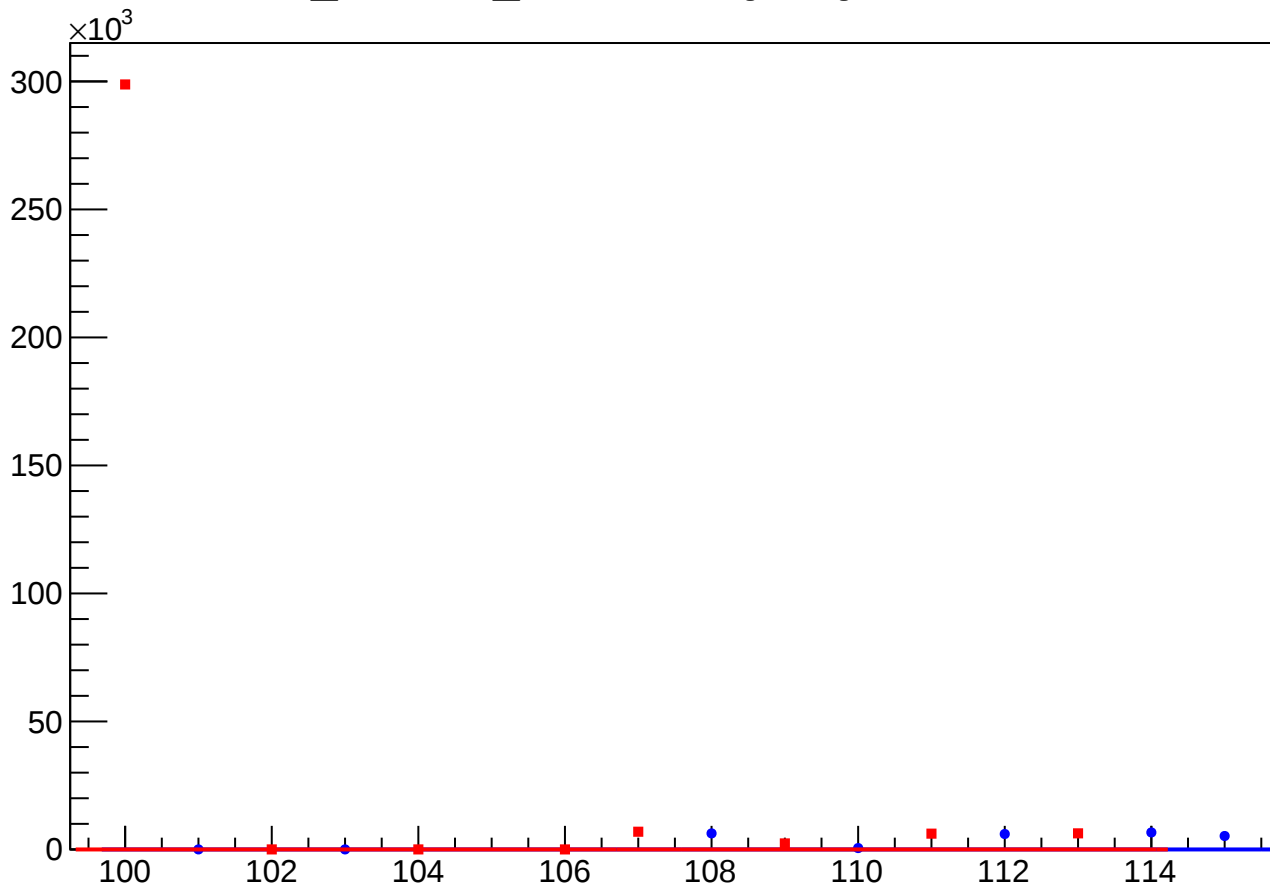
Right: 0.004+/-0.014 χ^2/NDF : 17.5/14

In: -0.021+/-0.021 χ^2/NDF : 1.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.014 χ^2/NDF : 17.5/14

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 17.080 $\pm$ 0.015 χ^2/NDF : 2448161.7/6

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

Right Out: 17.047 $\pm$ 0.014 χ^2/NDF : 2999640.6/7

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

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

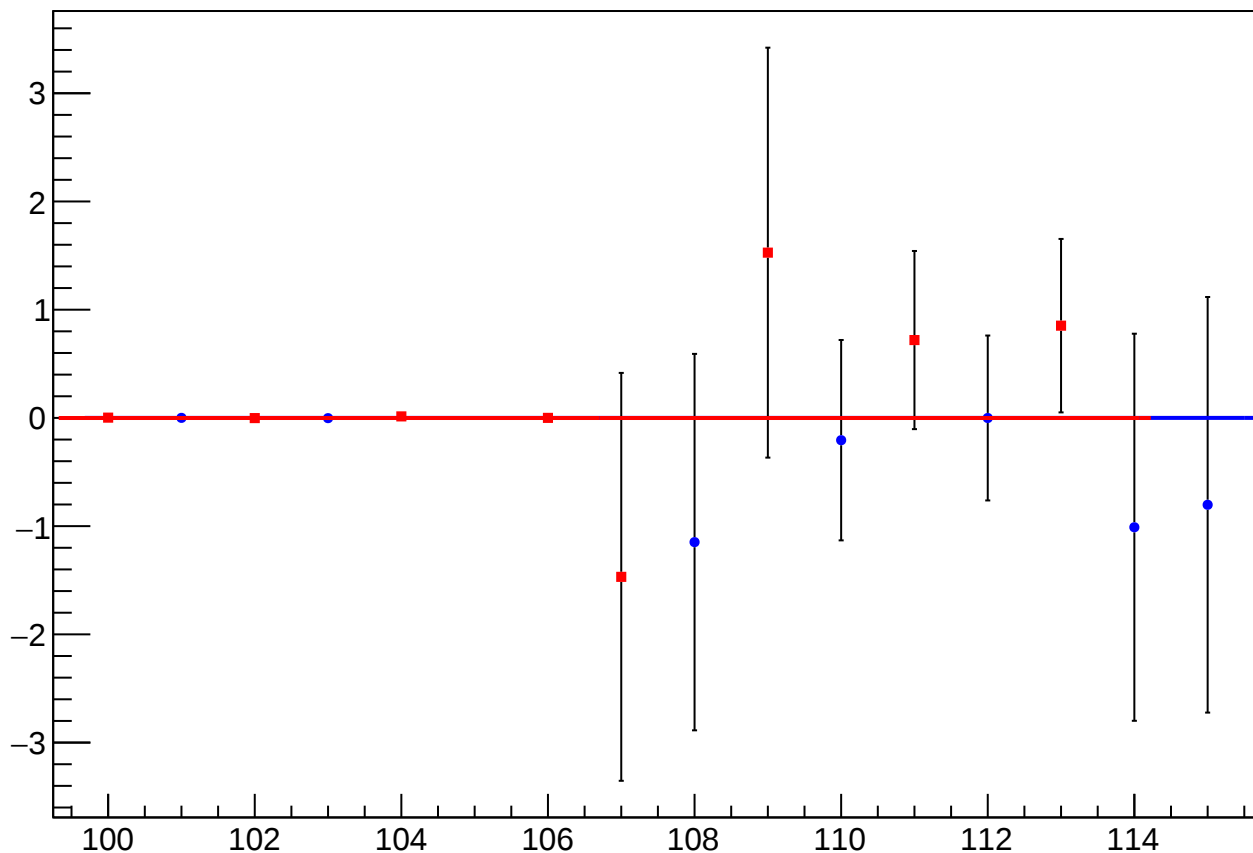
Right: 17.063 $\pm$ 0.010 χ^2/NDF : 5447804.9/14

In: 17.080 $\pm$ 0.015 χ^2/NDF : 2448161.7/6

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

All: 17.063 $\pm$ 0.010 χ^2/NDF : 5447804.9/14

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.002 χ^2 /NDF: 1.2/6

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

Right Out: -0.001 $\pm$ 0.002 χ^2 /NDF: 4.1/7

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

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

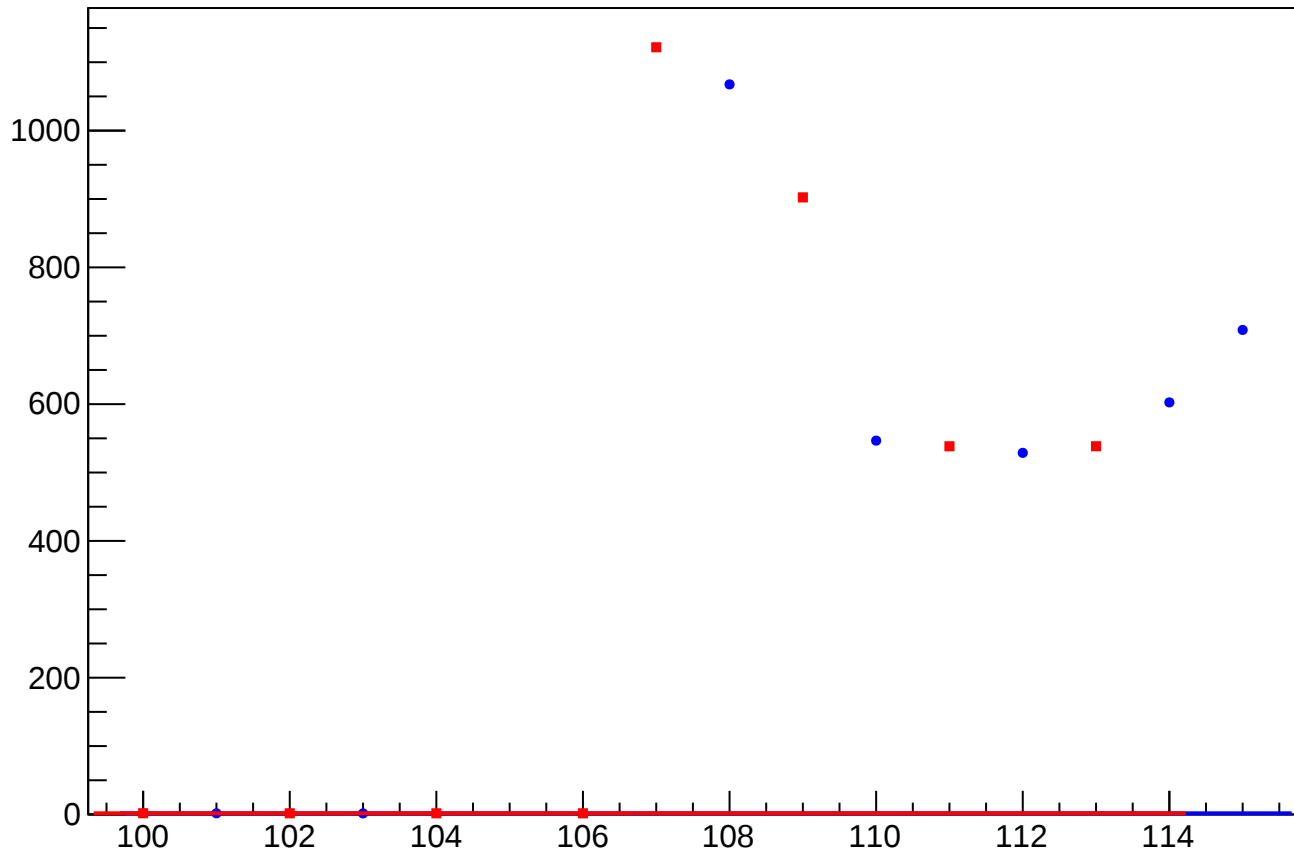
Right: -0.000 $\pm$ 0.001 χ^2 /NDF: 5.4/14

In: 0.000 $\pm$ 0.002 χ^2 /NDF:1.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.001 χ^2 /NDF: 5.4/14

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 1.654+/-0.001 χ^2/NDF : 2899324.0/6

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

Right Out: 1.688+/-0.001 χ^2/NDF : 2906573.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

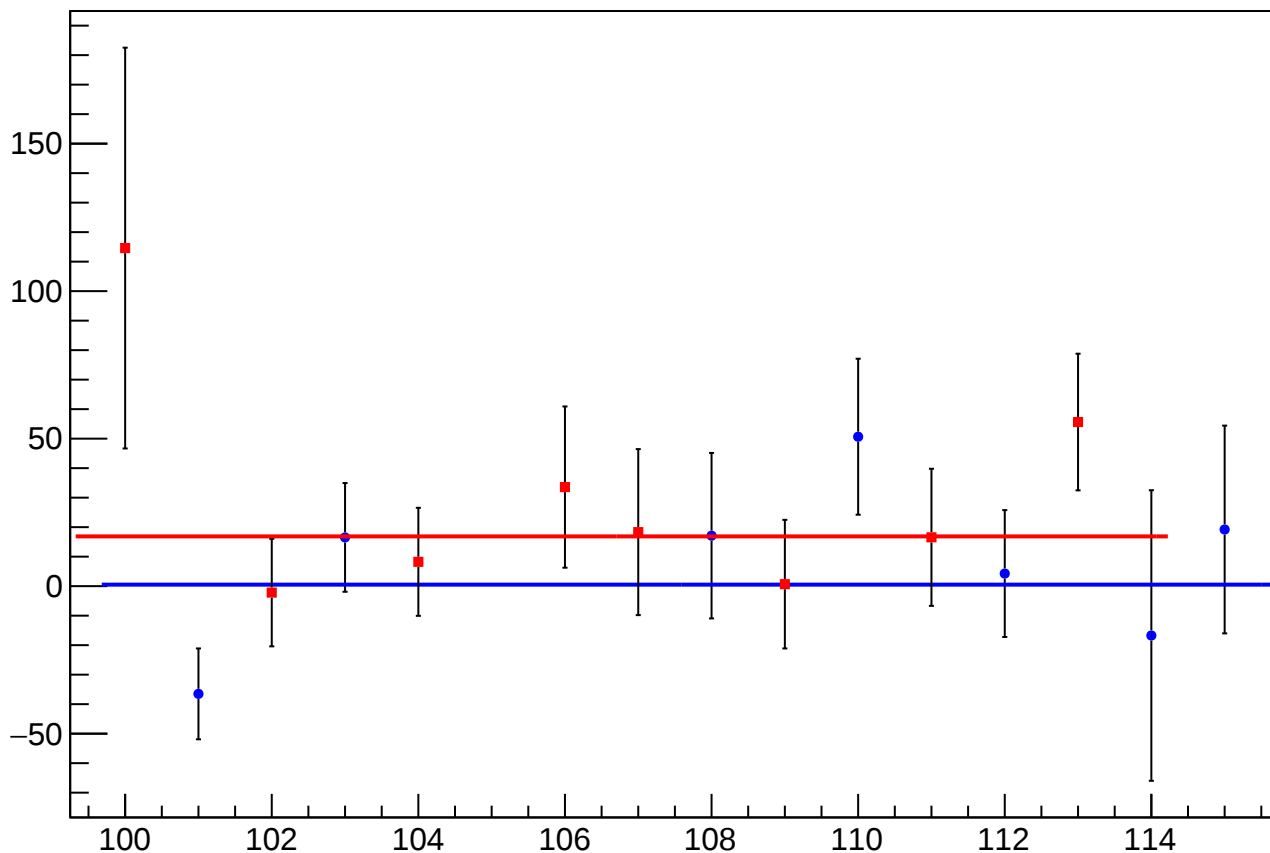
Right: 1.672+/-0.001 χ^2/NDF : 5806188.9/14

In: 1.654+/-0.001 χ^2/NDF : 2899324.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.672+/-0.001 χ^2/NDF : 5806188.9/14

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: 0.512 $\pm$ 8.690 χ^2 /NDF: 10.9/6

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

Right Out: 16.867 $\pm$ 8.267 χ^2 /NDF: 7.1/7

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

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

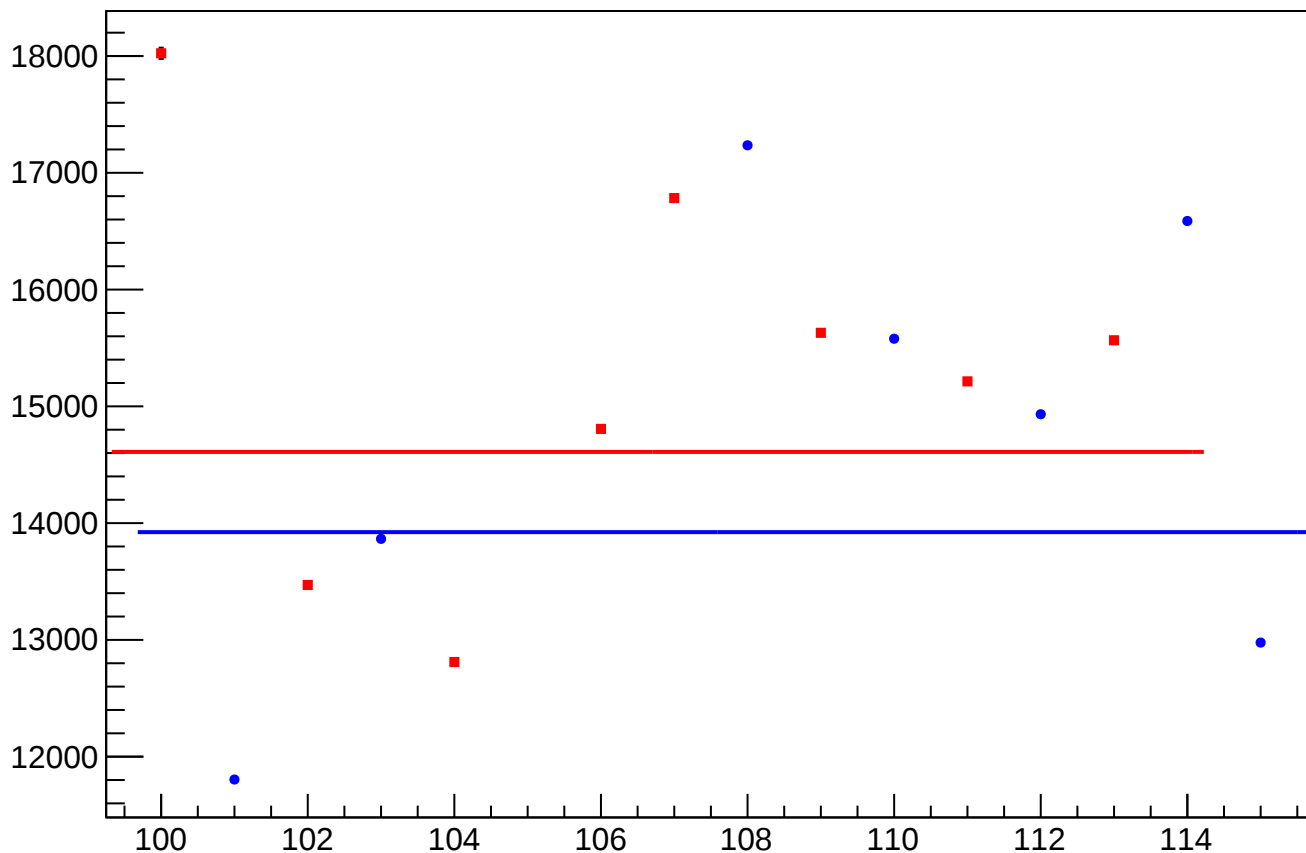
Right: 9.097 $\pm$ 5.990 χ^2 /NDF: 19.9/14

In: 0.512 $\pm$ 8.690 χ^2 /NDF:10.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.097 $\pm$ 5.990 χ^2 /NDF: 19.9/14

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 13922.799 $\pm$ 6.145 χ^2 /NDF: 85325.9/6

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

Right Out: 14609.965 $\pm$ 5.846 χ^2 /NDF: 53349.4/7

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

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

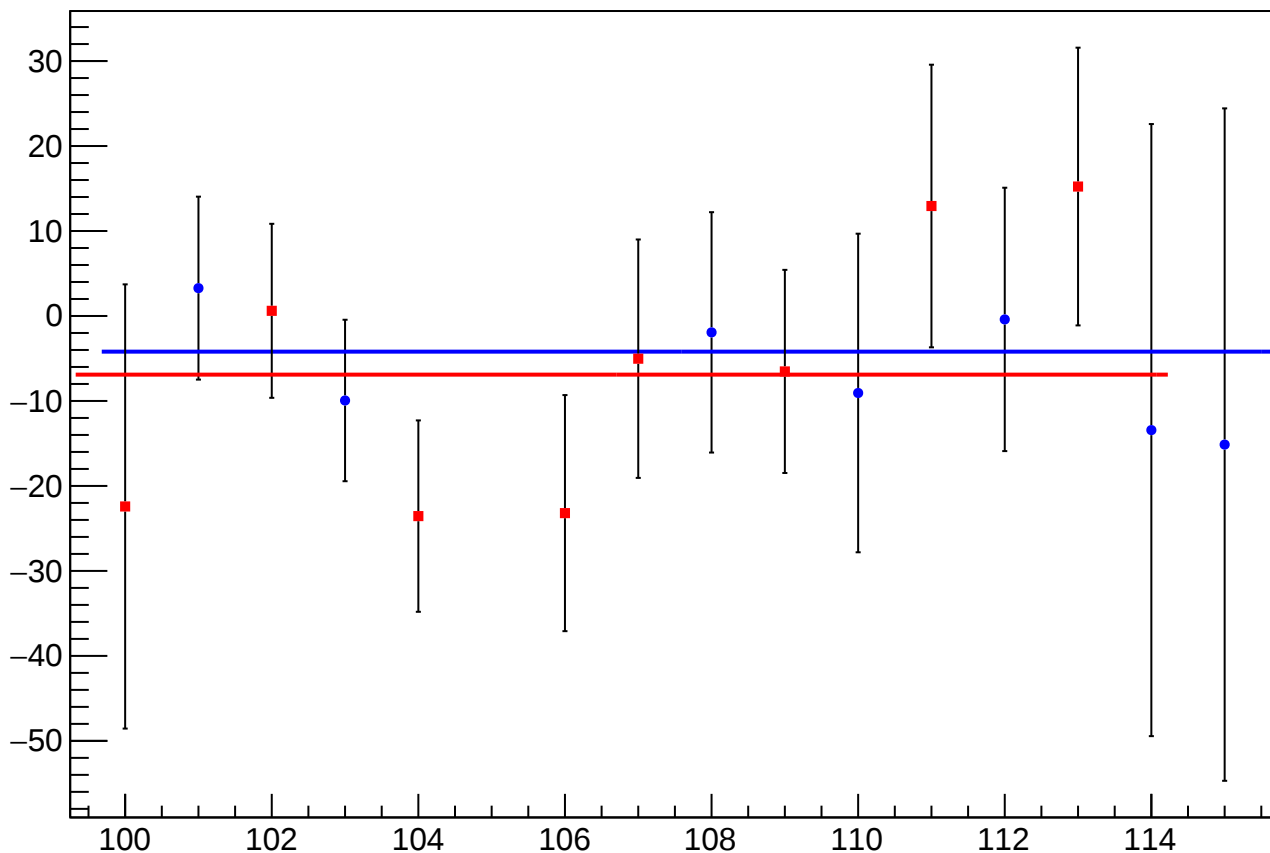
Right: 14283.487 $\pm$ 4.235 χ^2 /NDF: 145240.0/14

In: 13922.799 $\pm$ 6.145 χ^2 /NDF:85325.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 14283.487 $\pm$ 4.235 χ^2 /NDF: 145240.0/14

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -4.197+/-5.494 χ^2/NDF : 1.1/6

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

Right Out: -6.902+/-4.794 χ^2/NDF : 7.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

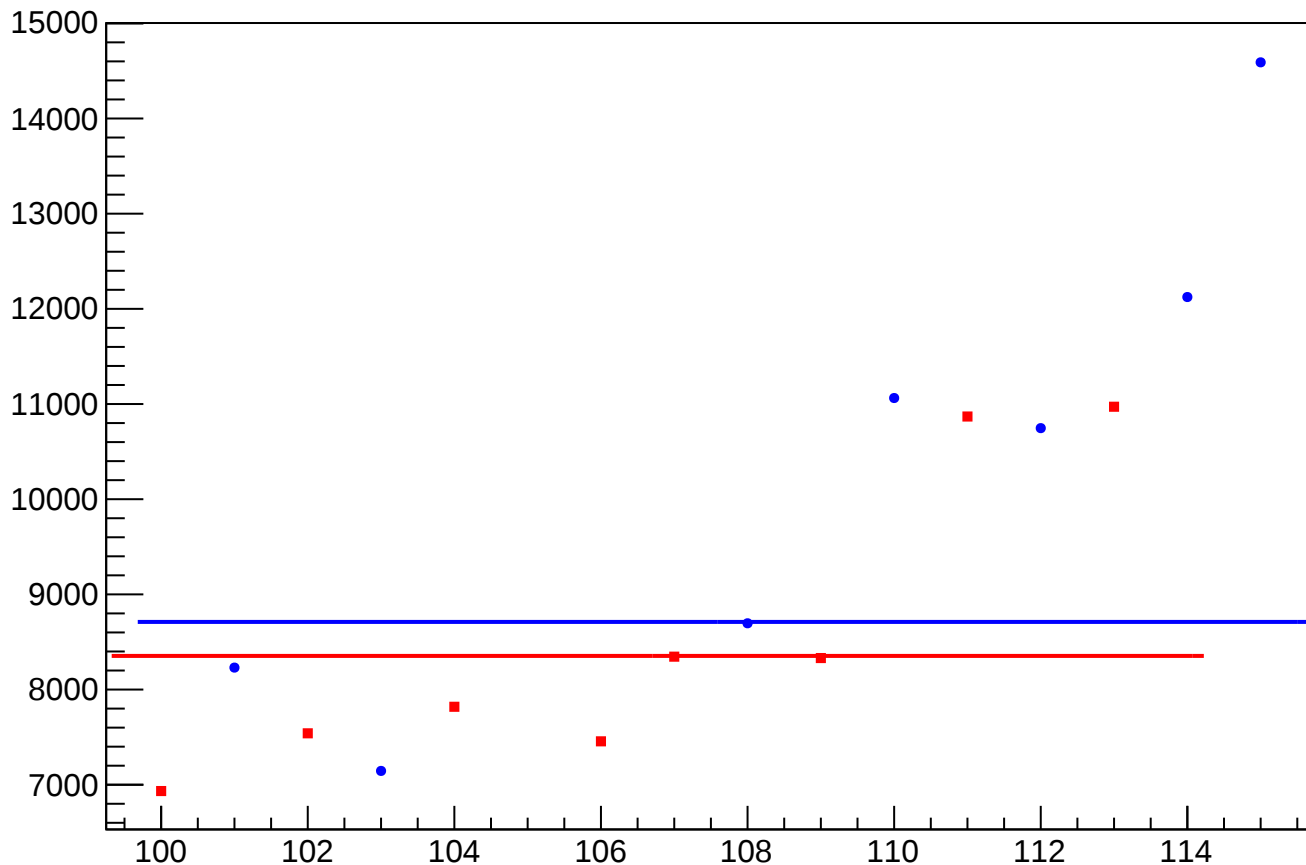
Right: -5.733+/-3.612 χ^2/NDF : 9.0/14

In: -4.197+/-5.494 χ^2/NDF : 1.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.733+/-3.612 χ^2/NDF : 9.0/14

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8710.689+/-3.885 χ^2/NDF : 186445.8/6

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

Right Out: 8353.500+/-3.390 χ^2/NDF : 128472.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

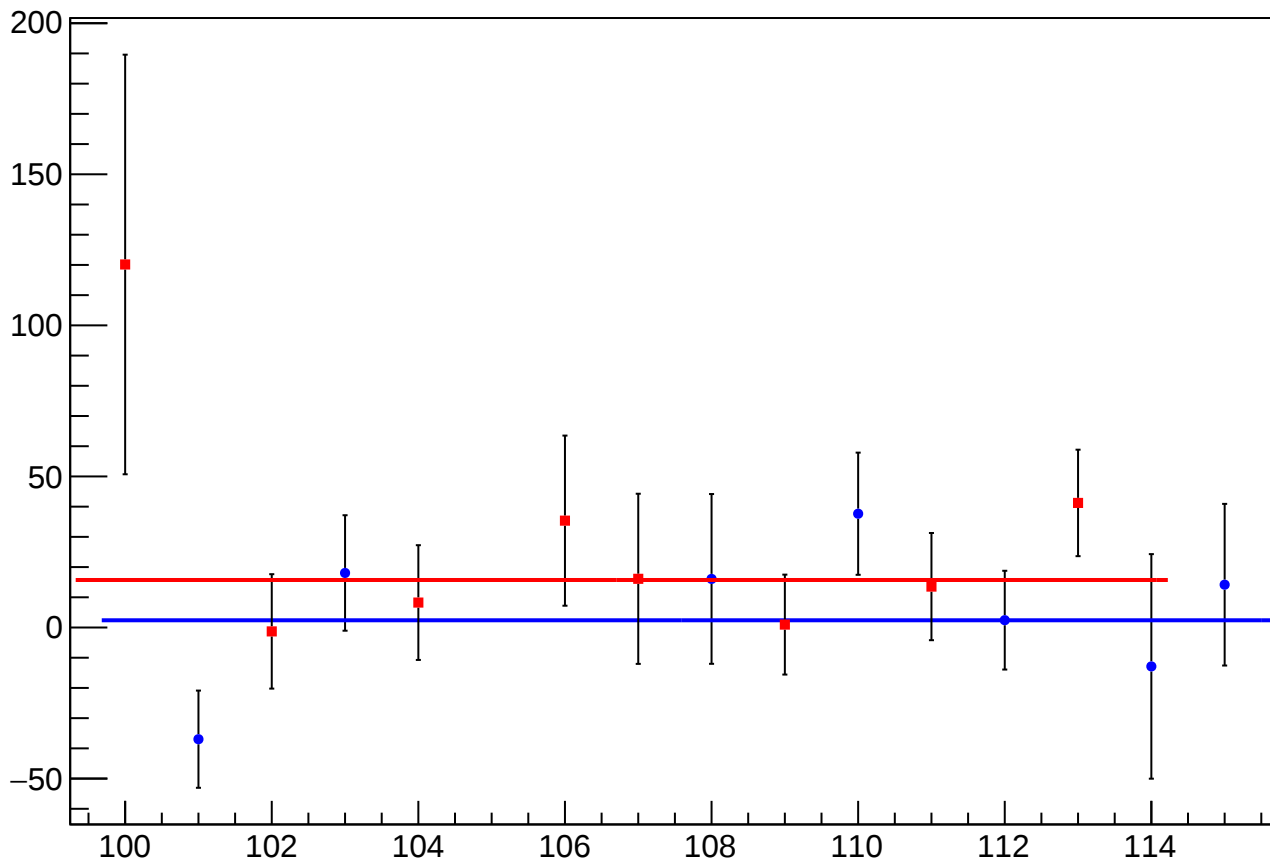
Right: 8507.895+/-2.554 χ^2/NDF : 319718.0/14

In: 8710.689+/-3.885 χ^2/NDF : 186445.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8507.895+/-2.554 χ^2/NDF : 319718.0/14

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: 2.392+/-7.861 χ^2/NDF : 10.3/6

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

Right Out: 15.726+/-7.383 χ^2/NDF : 6.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

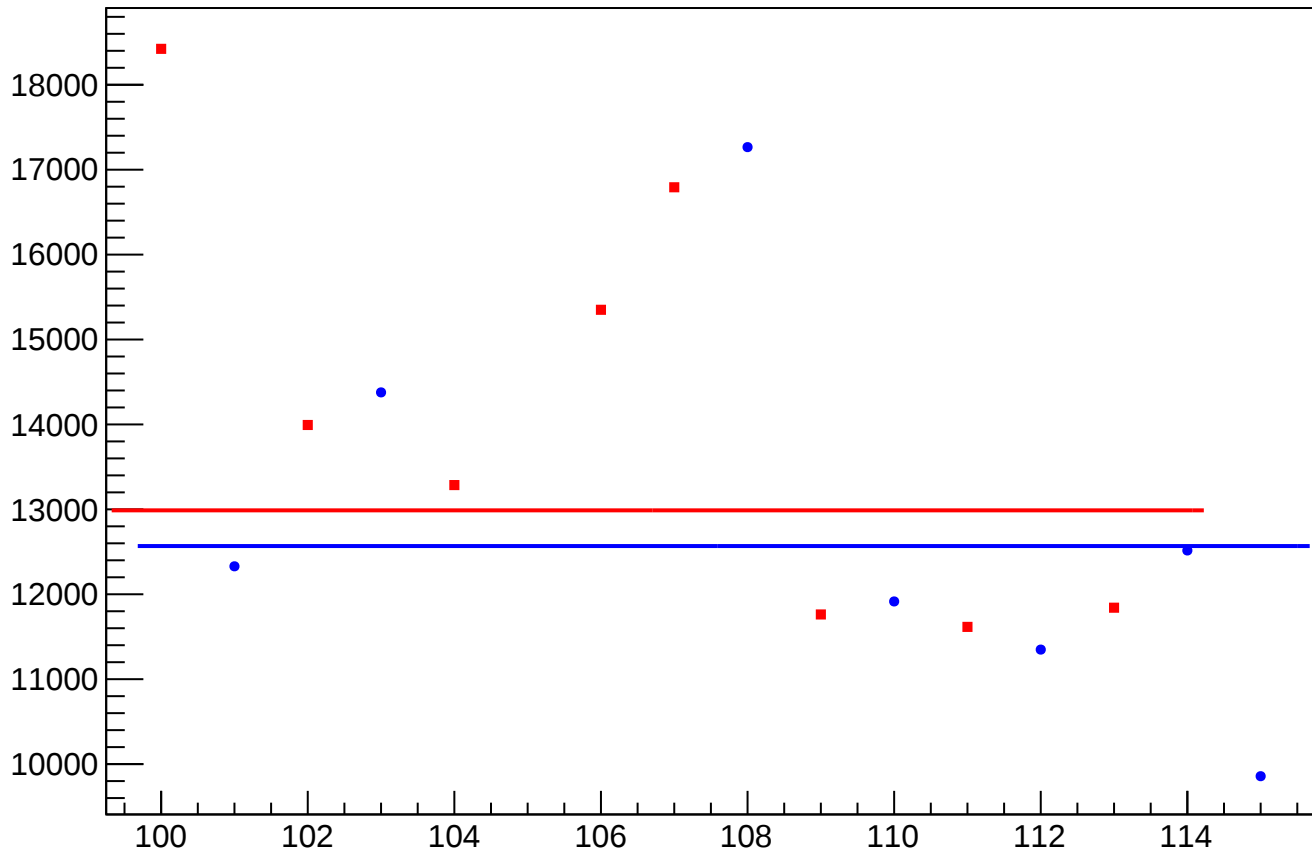
Right: 9.477+/-5.382 χ^2/NDF : 18.4/14

In: 2.392+/-7.861 χ^2/NDF : 10.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.477+/-5.382 χ^2/NDF : 18.4/14

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 12567.840+/-5.559 χ^2/NDF : 108050.1/6

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

Right Out: 12988.251+/-5.220 χ^2/NDF : 100407.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

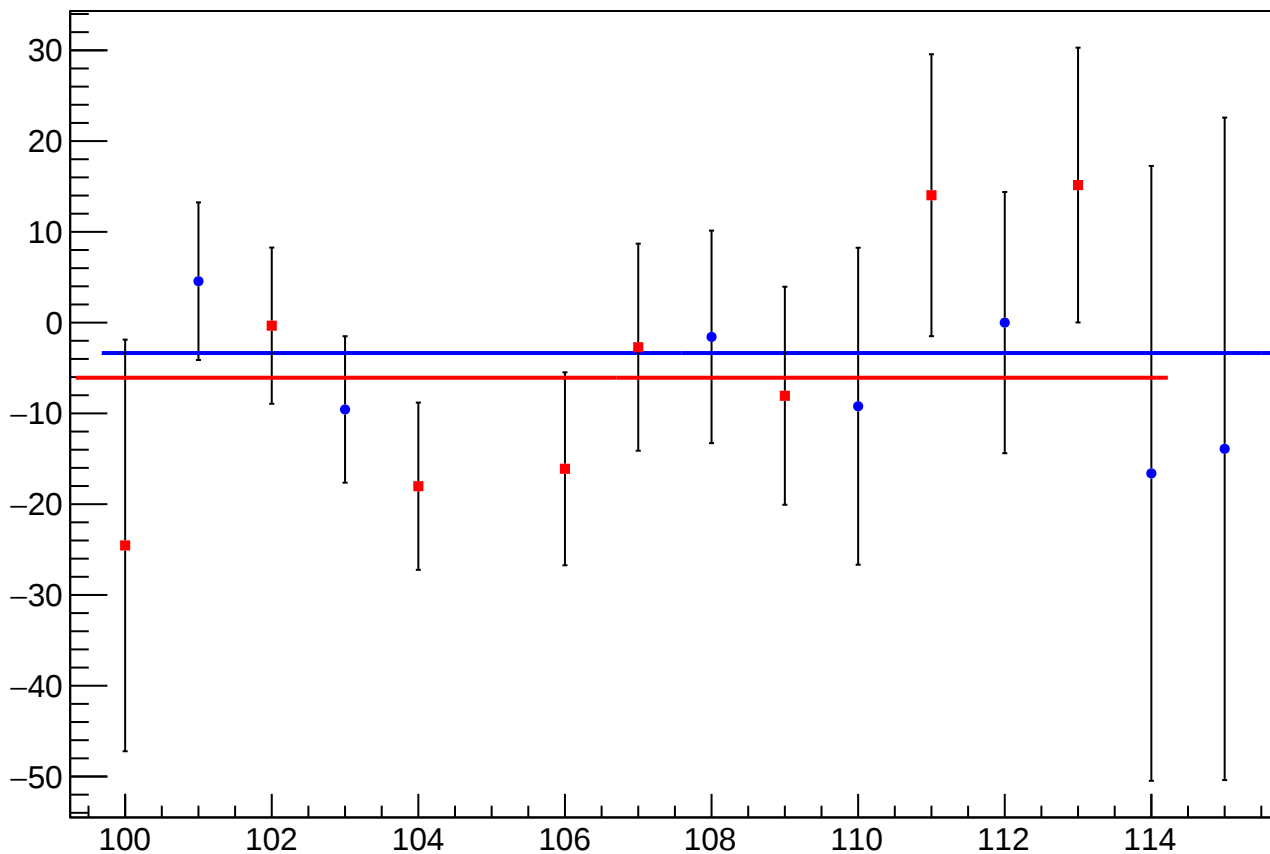
Right: 12791.237+/-3.805 χ^2/NDF : 211497.3/14

In: 12567.840+/-5.559 χ^2/NDF : 108050.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12791.237+/-3.805 χ^2/NDF : 211497.3/14

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -3.350+/-4.680 χ^2/NDF : 1.9/6

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

Right Out: -6.069+/-4.109 χ^2/NDF : 7.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

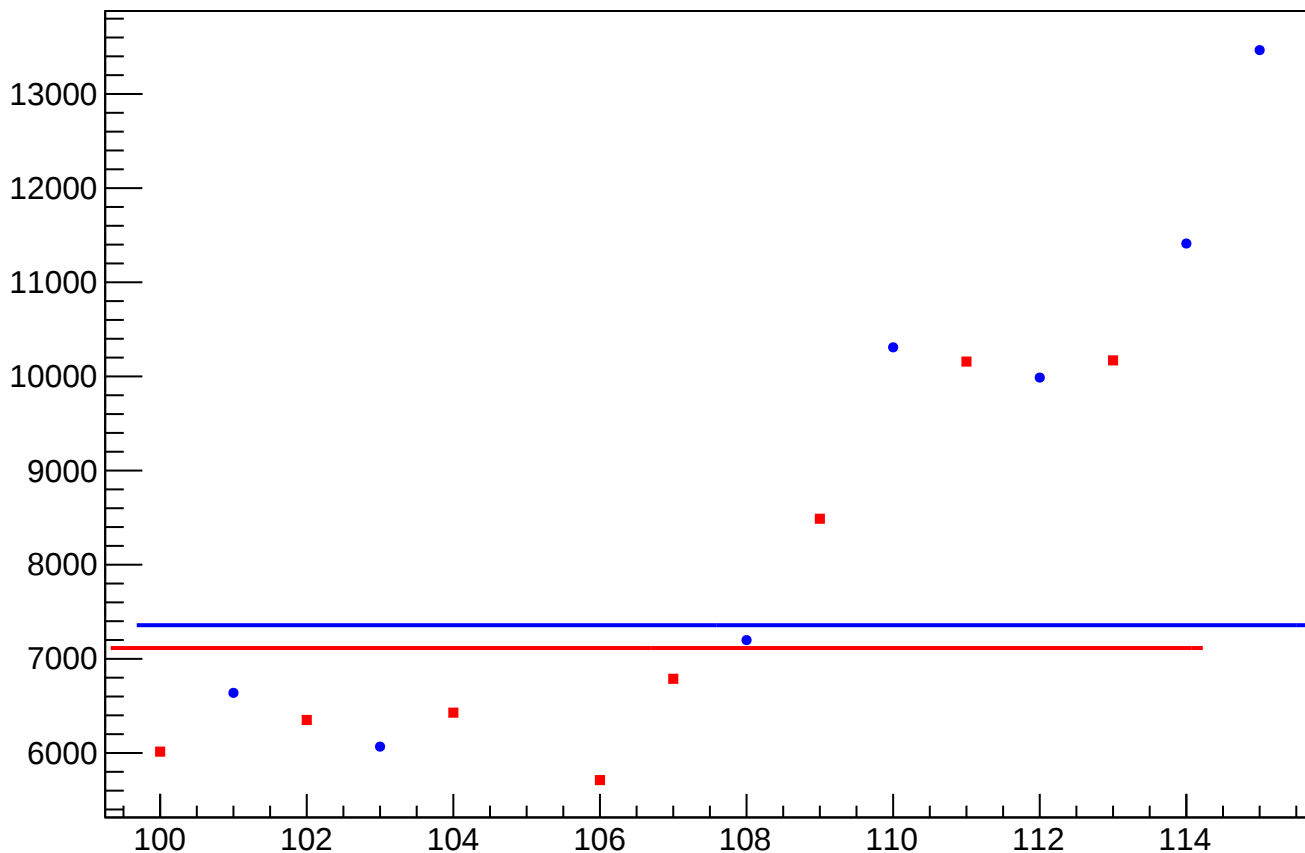
Right: -4.885+/-3.088 χ^2/NDF : 9.5/14

In: -3.350+/-4.680 χ^2/NDF : 1.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.885+/-3.088 χ^2/NDF : 9.5/14

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7357.442+/-3.309 χ^2/NDF : 273914.1/6

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

Right Out: 7115.057+/-2.906 χ^2/NDF : 252516.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

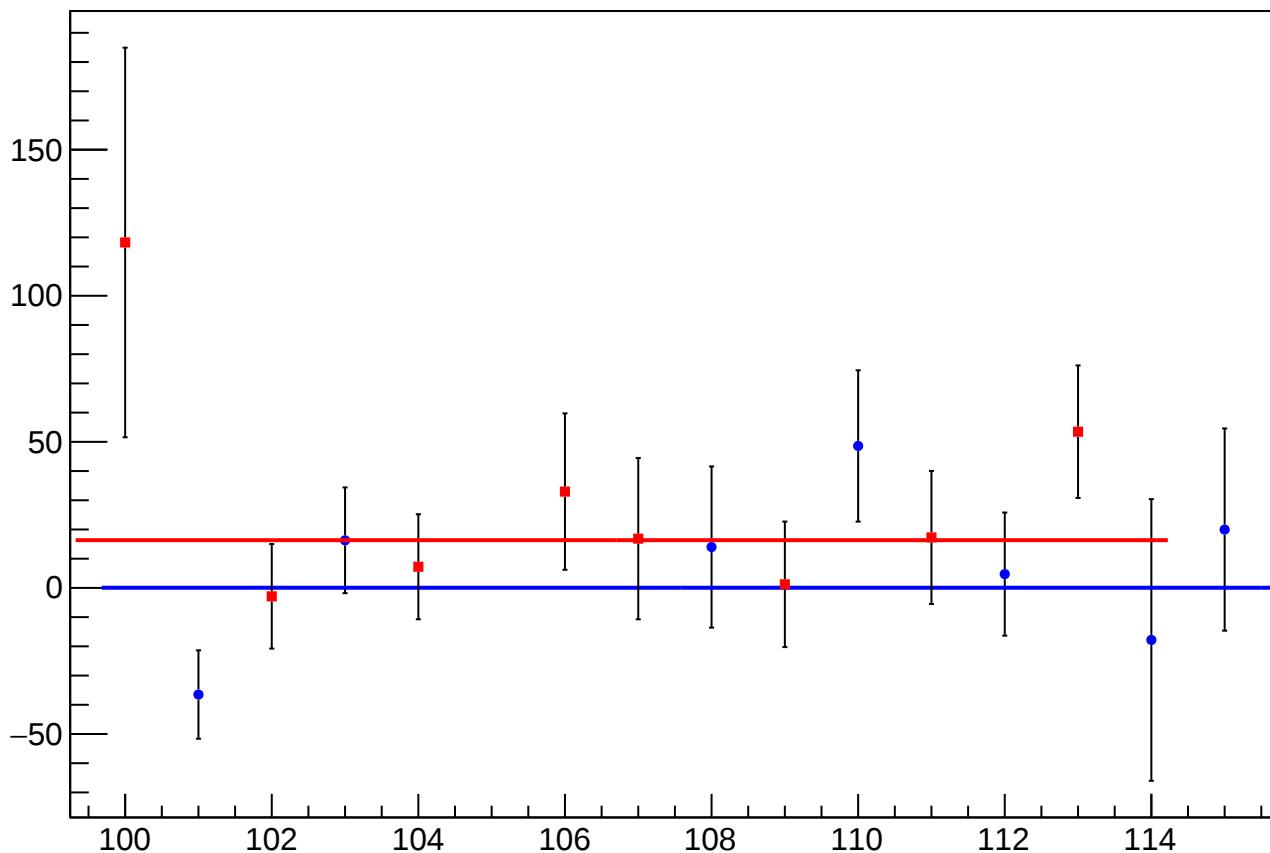
Right: 7220.593+/-2.183 χ^2/NDF : 529459.7/14

In: 7357.442+/-3.309 χ^2/NDF : 273914.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7220.593+/-2.183 χ^2/NDF : 529459.7/14

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: 0.062+/-8.530 χ^2/NDF : 10.9/6

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

Right Out: 16.334+/-8.114 χ^2/NDF : 7.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

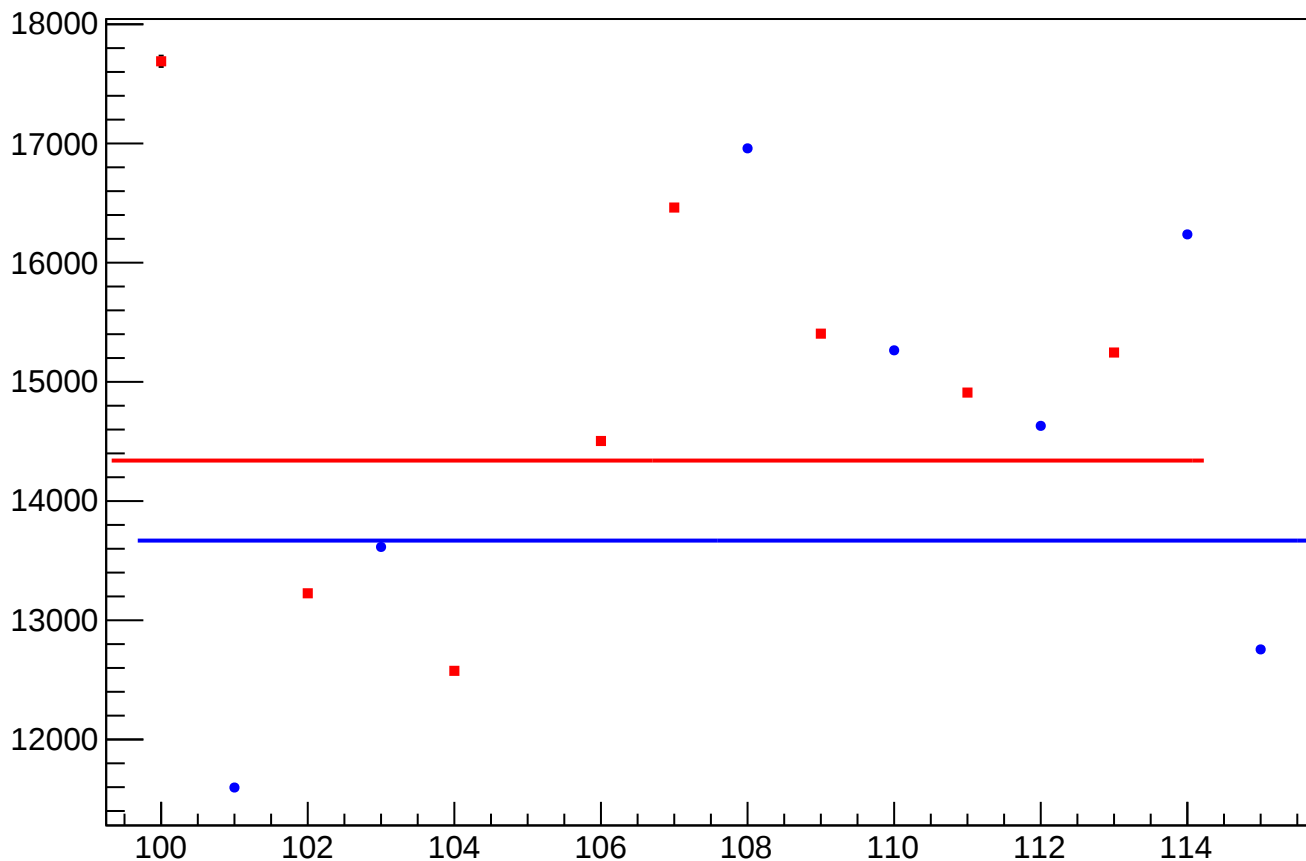
Right: 8.605+/-5.879 χ^2/NDF : 20.1/14

In: 0.062+/-8.530 χ^2/NDF : 10.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.605+/-5.879 χ^2/NDF : 20.1/14

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 13668.528+/-6.032 χ^2/NDF : 84776.9/6

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

Right Out: 14339.933+/-5.738 χ^2/NDF : 53311.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

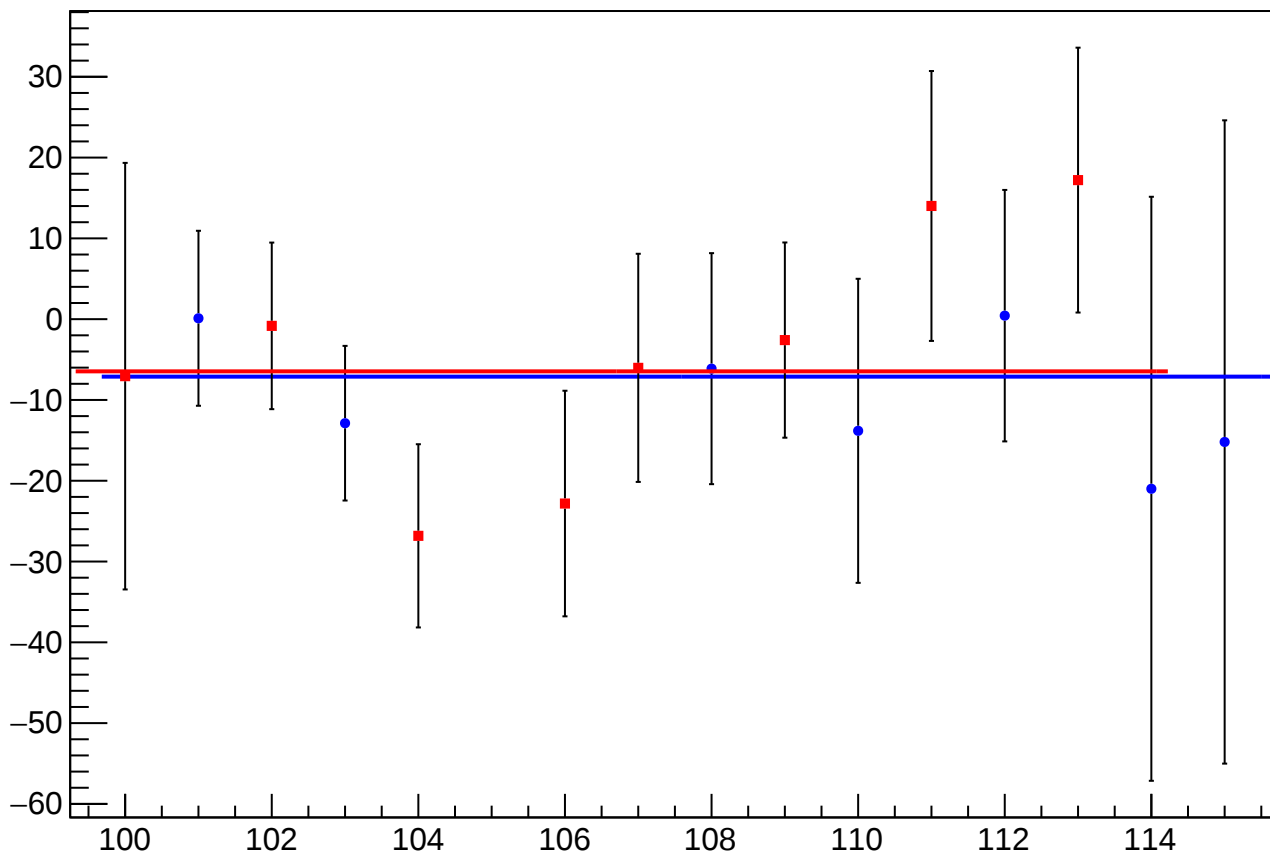
Right: 14021.000+/-4.157 χ^2/NDF : 144593.1/14

In: 13668.528+/-6.032 χ^2/NDF : 84776.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14021.000+/-4.157 χ^2/NDF : 144593.1/14

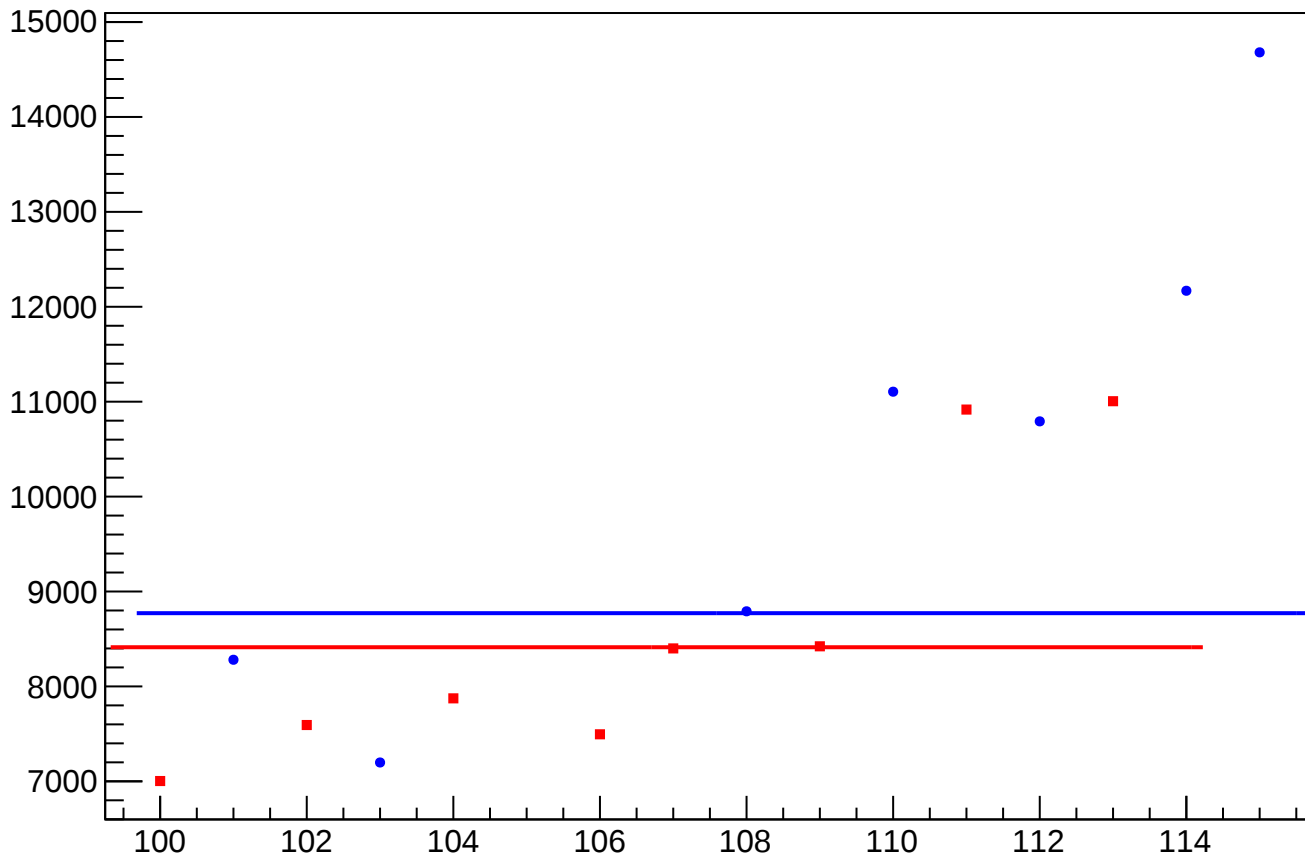
diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -7.114+/-5.531 χ^2/NDF : 1.4/6
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -6.460+/-4.827 χ^2/NDF : 8.6/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -6.742+/-3.637 χ^2/NDF : 10.0/14
 In: -7.114+/-5.531 χ^2/NDF : 1.4/6
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -6.742+/-3.637 χ^2/NDF : 10.0/14

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8771.678+/-3.911 χ^2/NDF : 184370.7/6

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

Right Out: 8412.815+/-3.413 χ^2/NDF : 126455.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

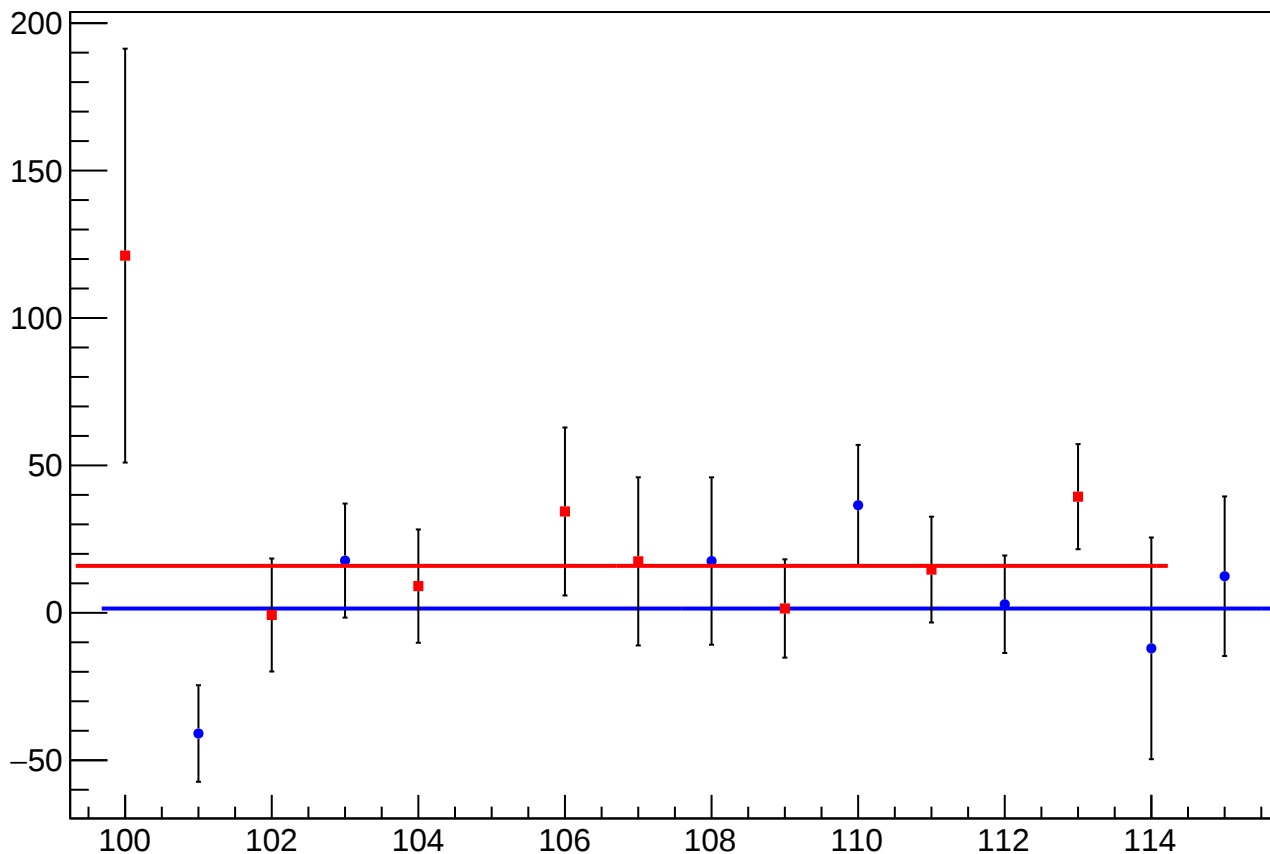
Right: 8567.951+/-2.572 χ^2/NDF : 315605.6/14

In: 8771.678+/-3.911 χ^2/NDF : 184370.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8567.951+/-2.572 χ^2/NDF : 315605.6/14

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: 1.455+/-7.964 χ^2/NDF : 11.0/6

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

Right Out: 15.927+/-7.465 χ^2/NDF : 6.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

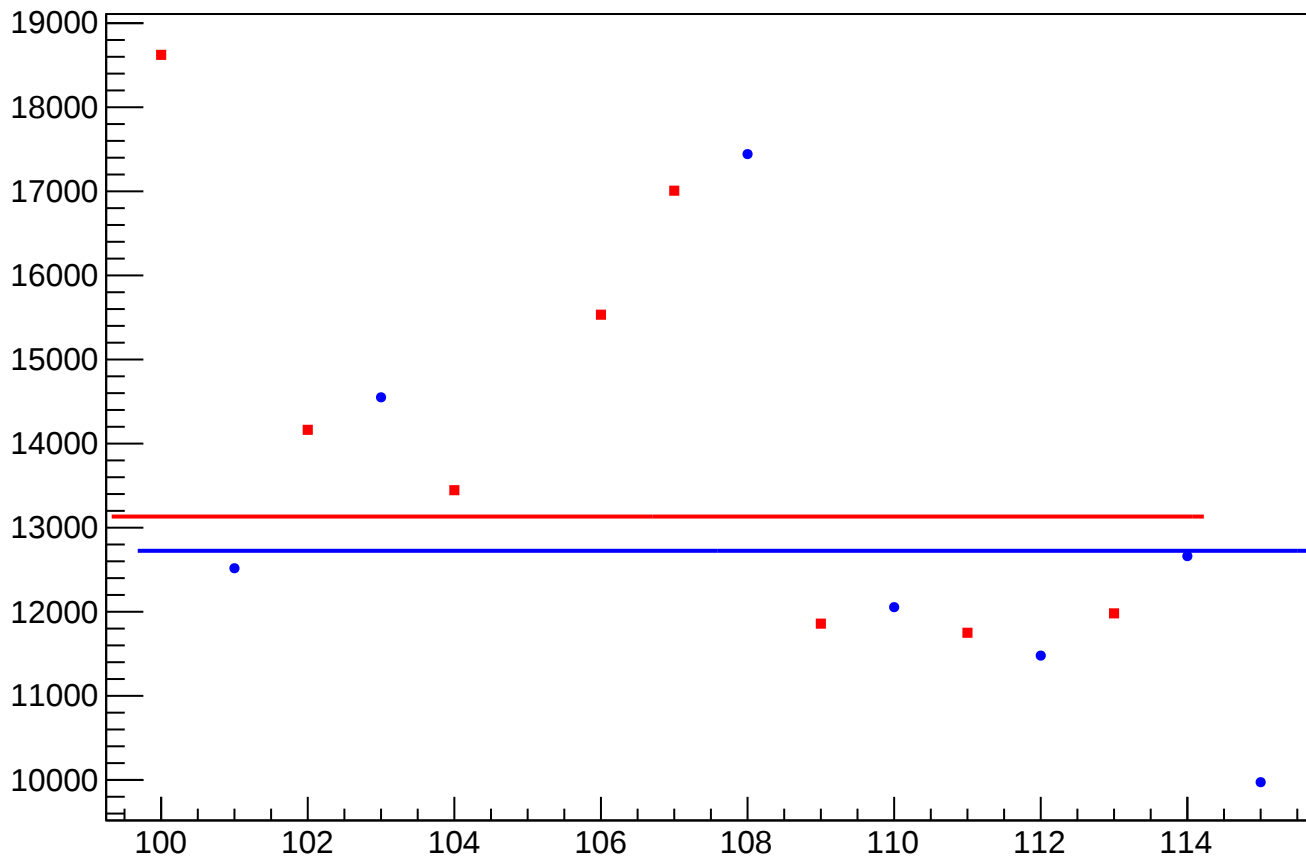
Right: 9.159+/-5.447 χ^2/NDF : 18.8/14

In: 1.455+/-7.964 χ^2/NDF : 11.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.159+/-5.447 χ^2/NDF : 18.8/14

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 12725.029+/-5.632 χ^2/NDF : 107599.0/6

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

Right Out: 13132.359+/-5.279 χ^2/NDF : 101571.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

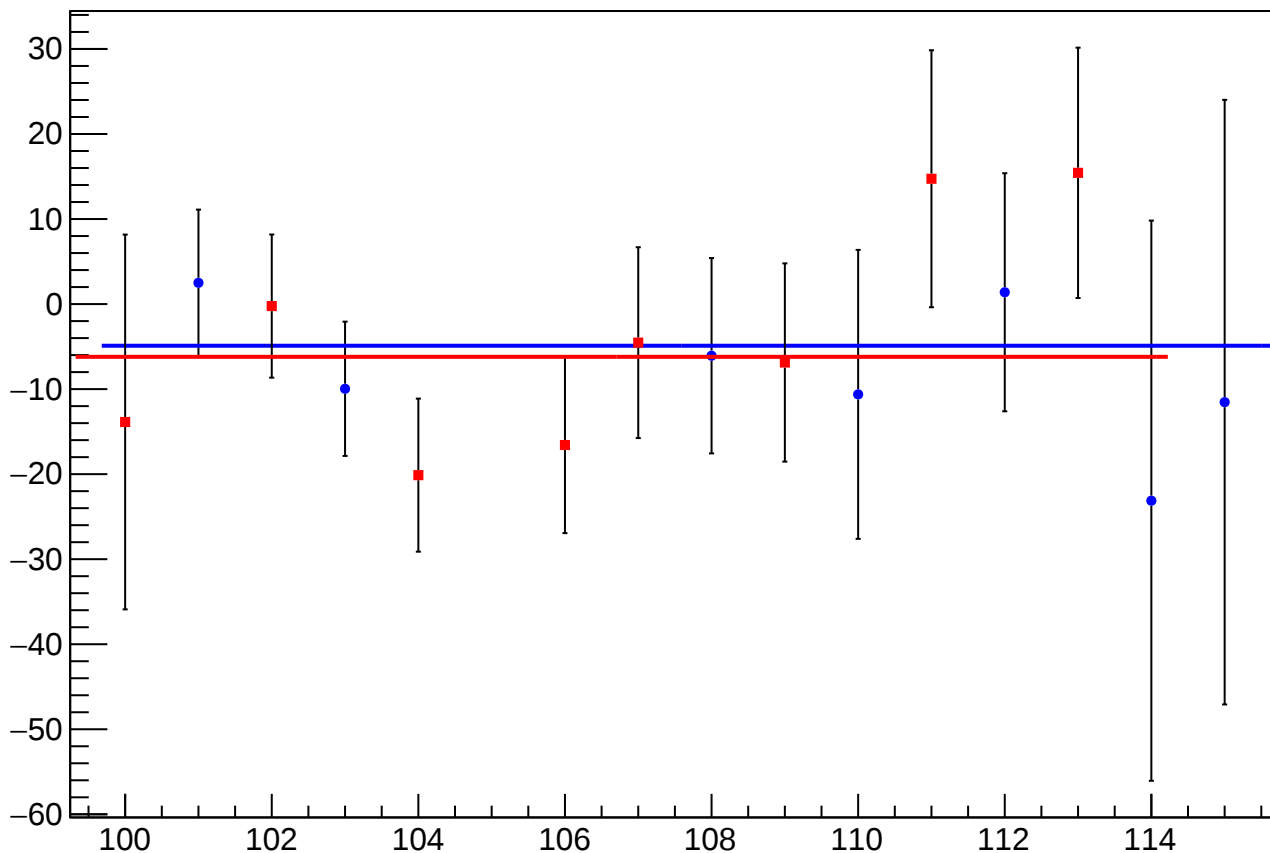
Right: 12941.854+/-3.851 χ^2/NDF : 211955.2/14

In: 12725.029+/-5.632 χ^2/NDF : 107599.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12941.854+/-3.851 χ^2/NDF : 211955.2/14

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -4.899+/-4.593 χ^2/NDF : 1.8/6

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

Right Out: -6.203+/-4.012 χ^2/NDF : 8.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

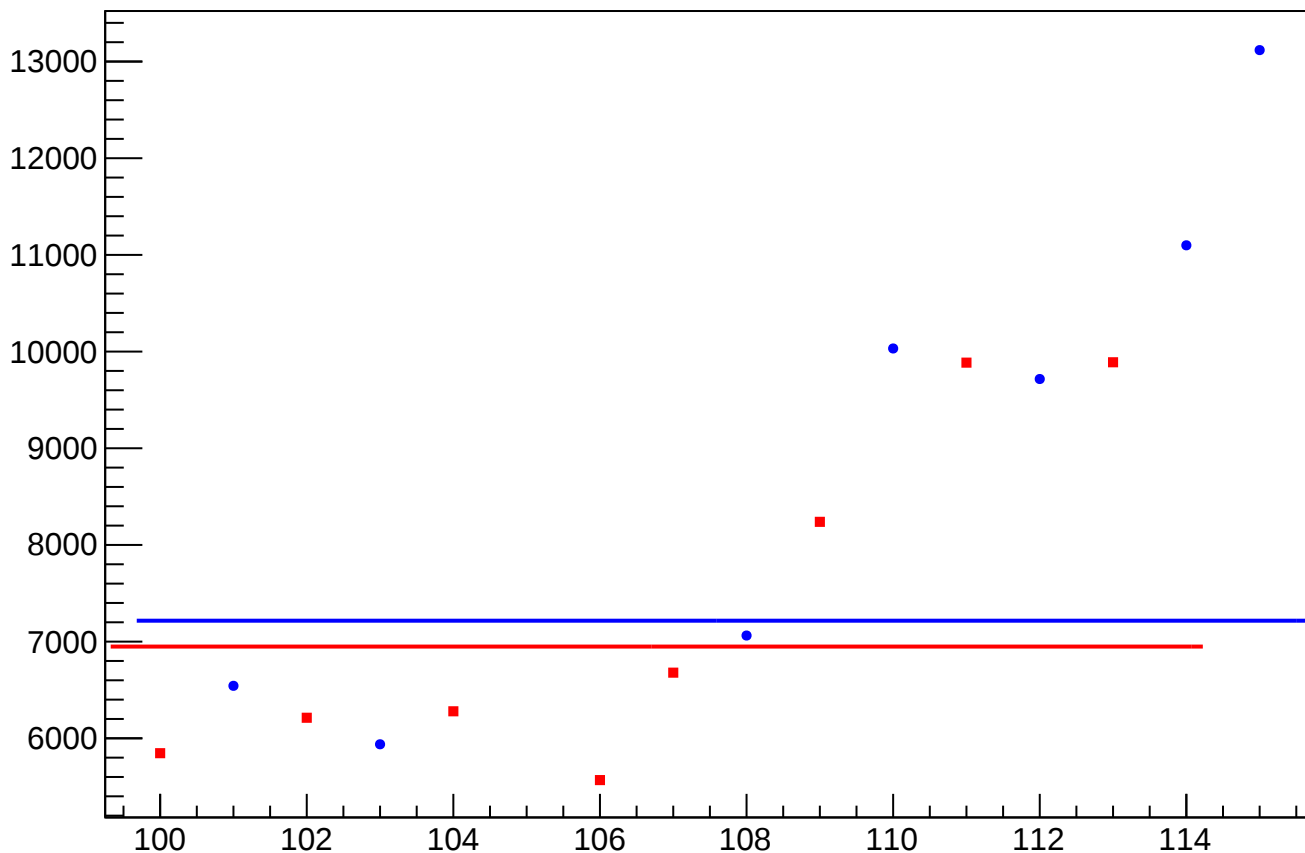
Right: -5.639+/-3.022 χ^2/NDF : 10.0/14

In: -4.899+/-4.593 χ^2/NDF : 1.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.639+/-3.022 χ^2/NDF : 10.0/14

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7216.446+/-3.248 χ^2/NDF : 266654.2/6

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

Right Out: 6948.857+/-2.837 χ^2/NDF : 247908.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

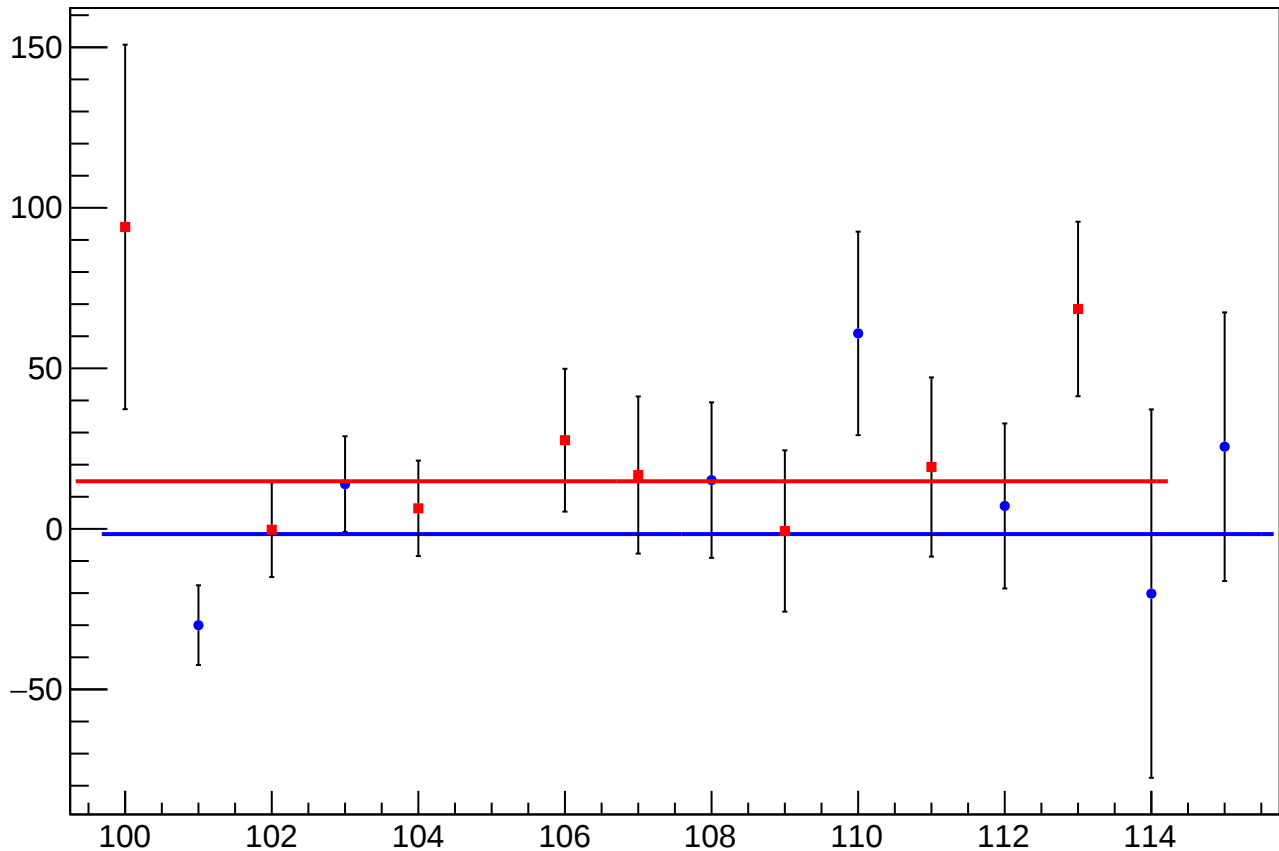
Right: 7064.666+/-2.137 χ^2/NDF : 518413.0/14

In: 7216.446+/-3.248 χ^2/NDF : 266654.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7064.666+/-2.137 χ^2/NDF : 518413.0/14

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -1.619+/-7.890 χ^2/NDF : 11.3/6

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

Right Out: 14.833+/-7.592 χ^2/NDF : 8.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

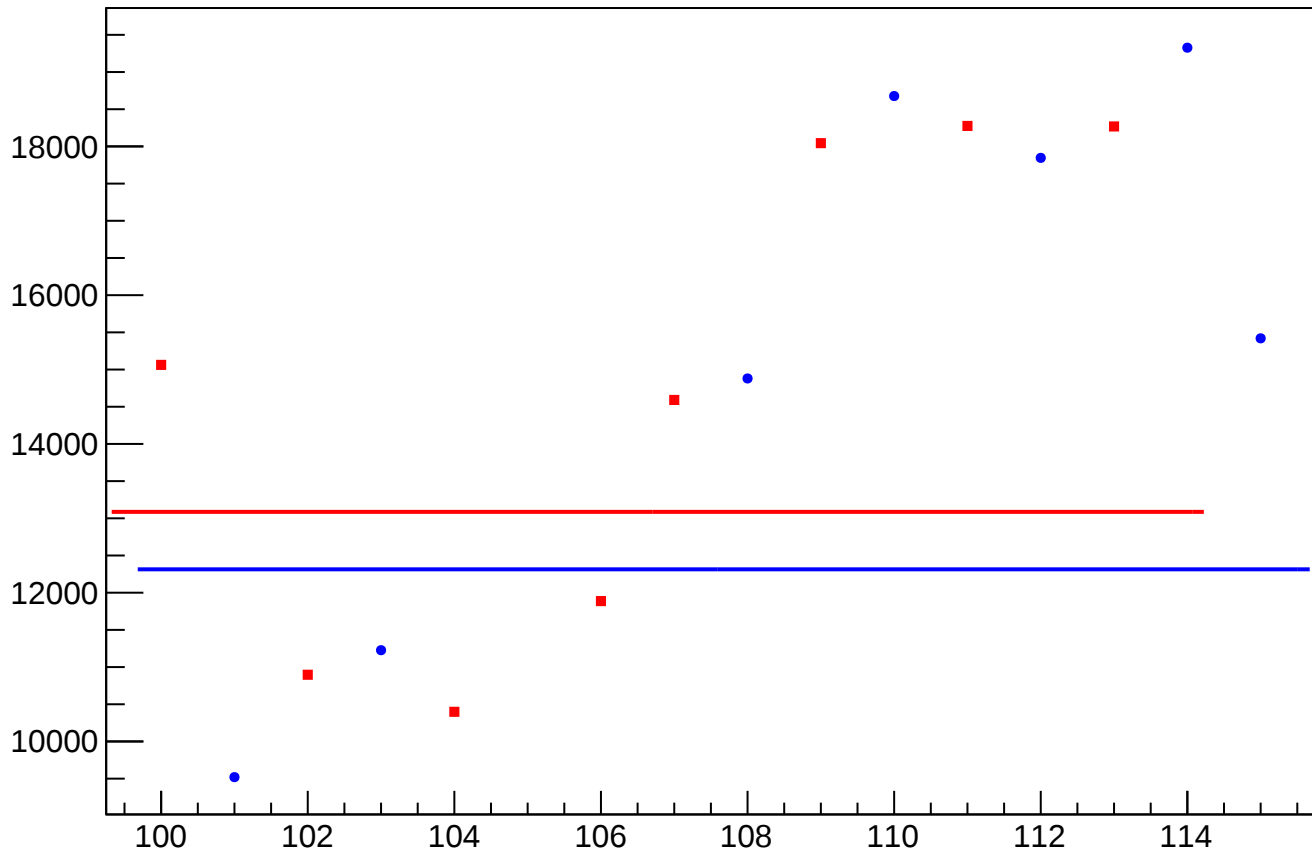
Right: 6.923+/-5.471 χ^2/NDF : 21.5/14

In: -1.619+/-7.890 χ^2/NDF : 11.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.923+/-5.471 χ^2/NDF : 21.5/14

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 12314.223+/-5.579 χ^2/NDF : 348487.4/6

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

Right Out: 13086.684+/-5.368 χ^2/NDF : 345015.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

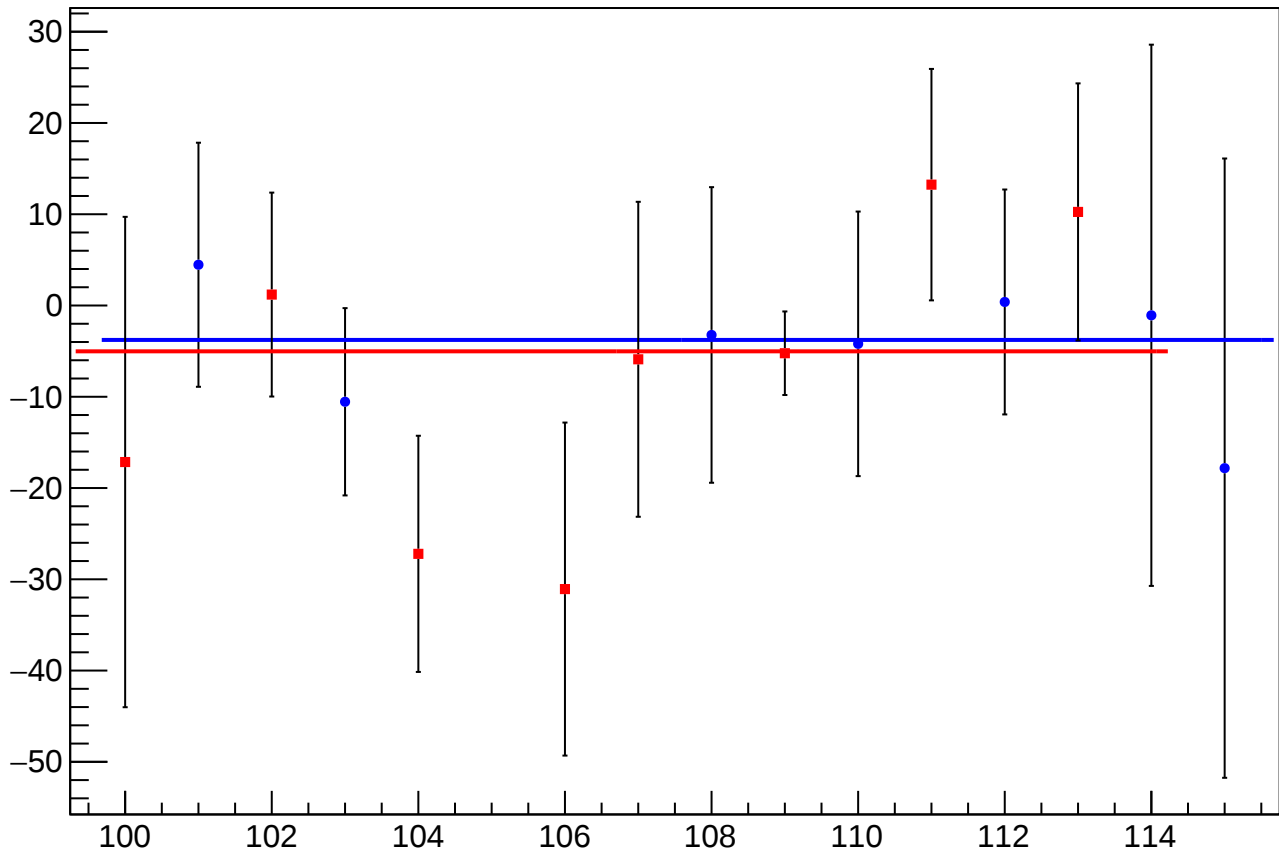
Right: 12715.308+/-3.868 χ^2/NDF : 703457.1/14

In: 12314.223+/-5.579 χ^2/NDF : 348487.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12715.308+/-3.868 χ^2/NDF : 703457.1/14

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: -3.772 $\pm$ 5.568 χ^2 /NDF: 1.1/6

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

Right Out: -5.022 $\pm$ 3.520 χ^2 /NDF: 8.7/7

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

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

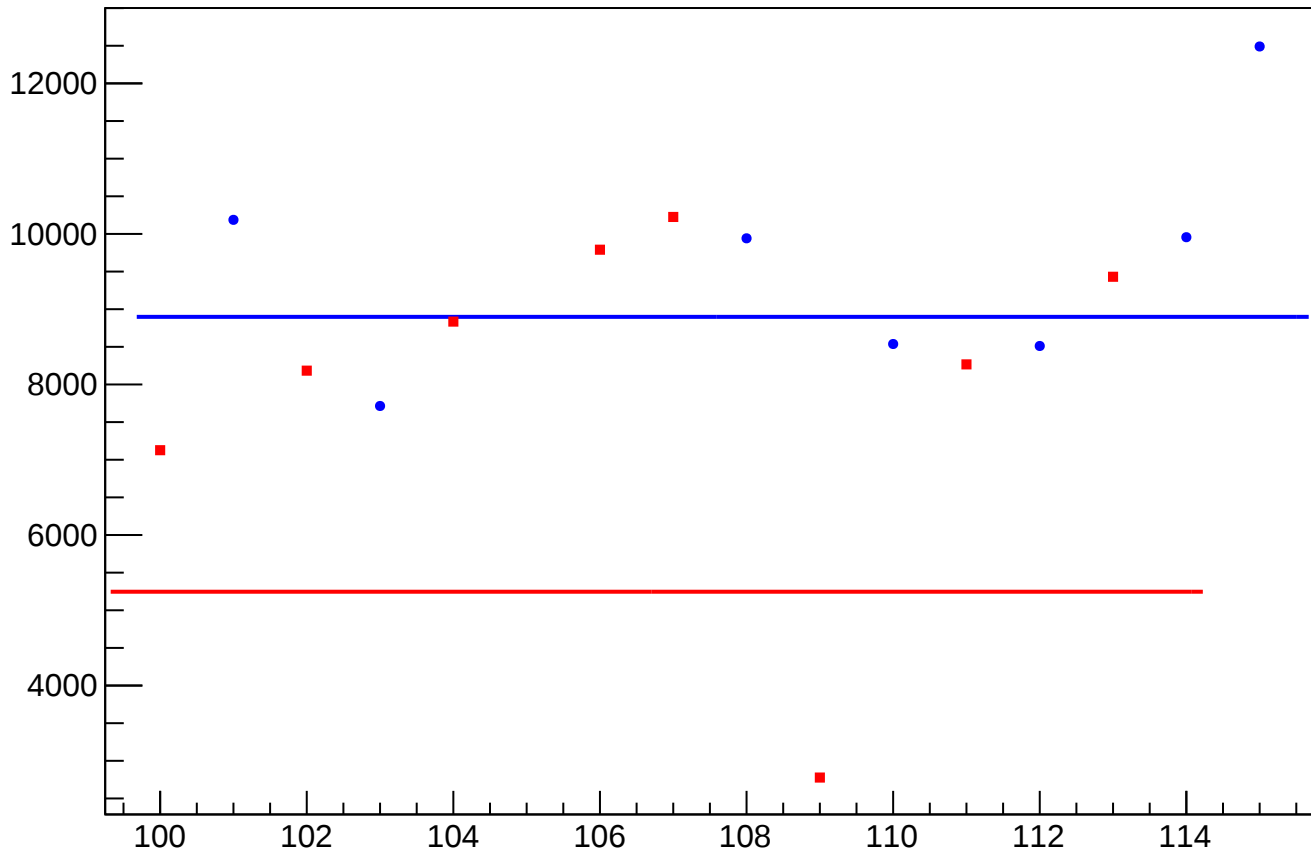
Right: -4.665 $\pm$ 2.975 χ^2 /NDF: 9.9/14

In: -3.772 $\pm$ 5.568 χ^2 /NDF:1.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.665 $\pm$ 2.975 χ^2 /NDF: 9.9/14

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8898.317+/-3.937 χ^2/NDF : 81688.4/6

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

Right Out: 5246.528+/-2.489 χ^2/NDF : 1464200.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

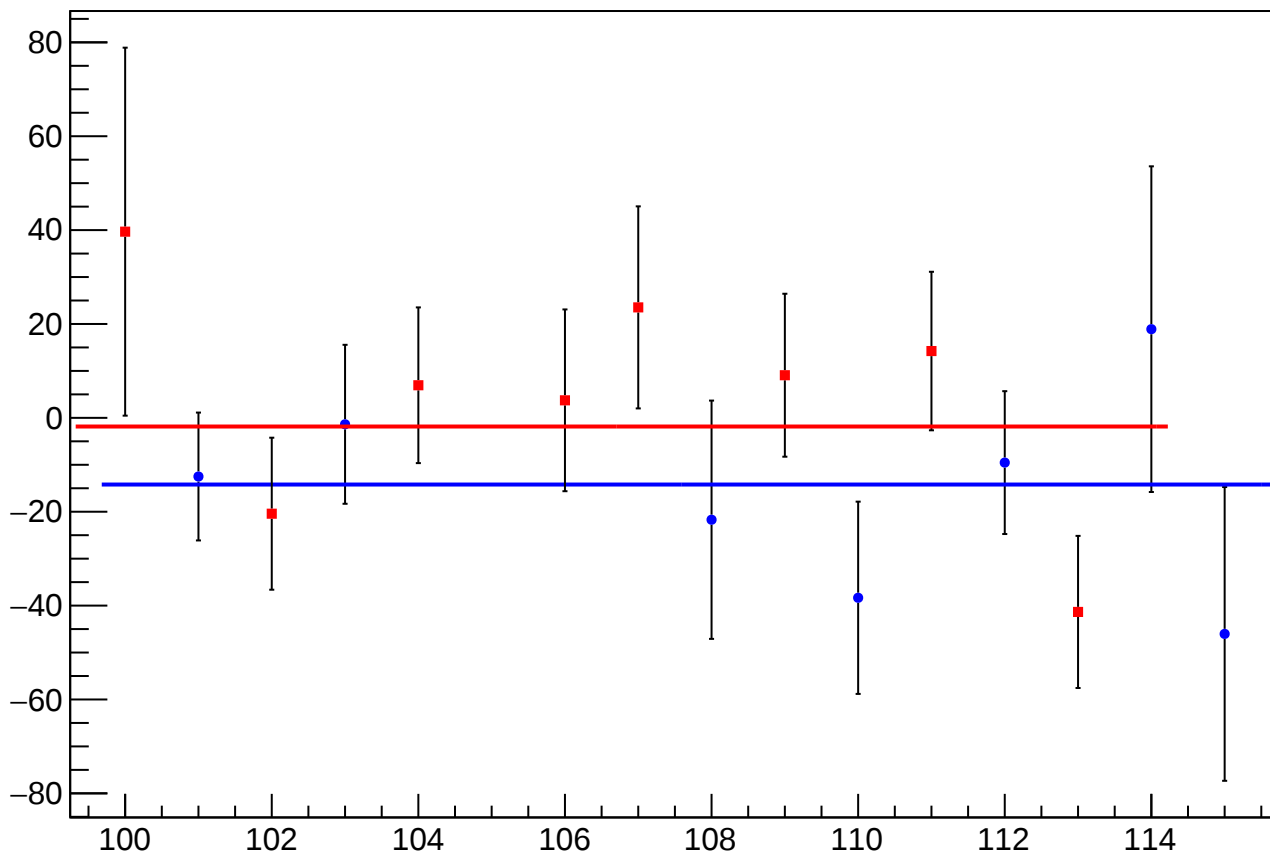
Right: 6289.158+/-2.104 χ^2/NDF : 2160545.6/14

In: 8898.317+/-3.937 χ^2/NDF : 81688.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6289.158+/-2.104 χ^2/NDF : 2160545.6/14

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -14.207+/-7.258 χ^2/NDF : 4.1/6

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

Right Out: -1.846+/-6.515 χ^2/NDF : 11.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

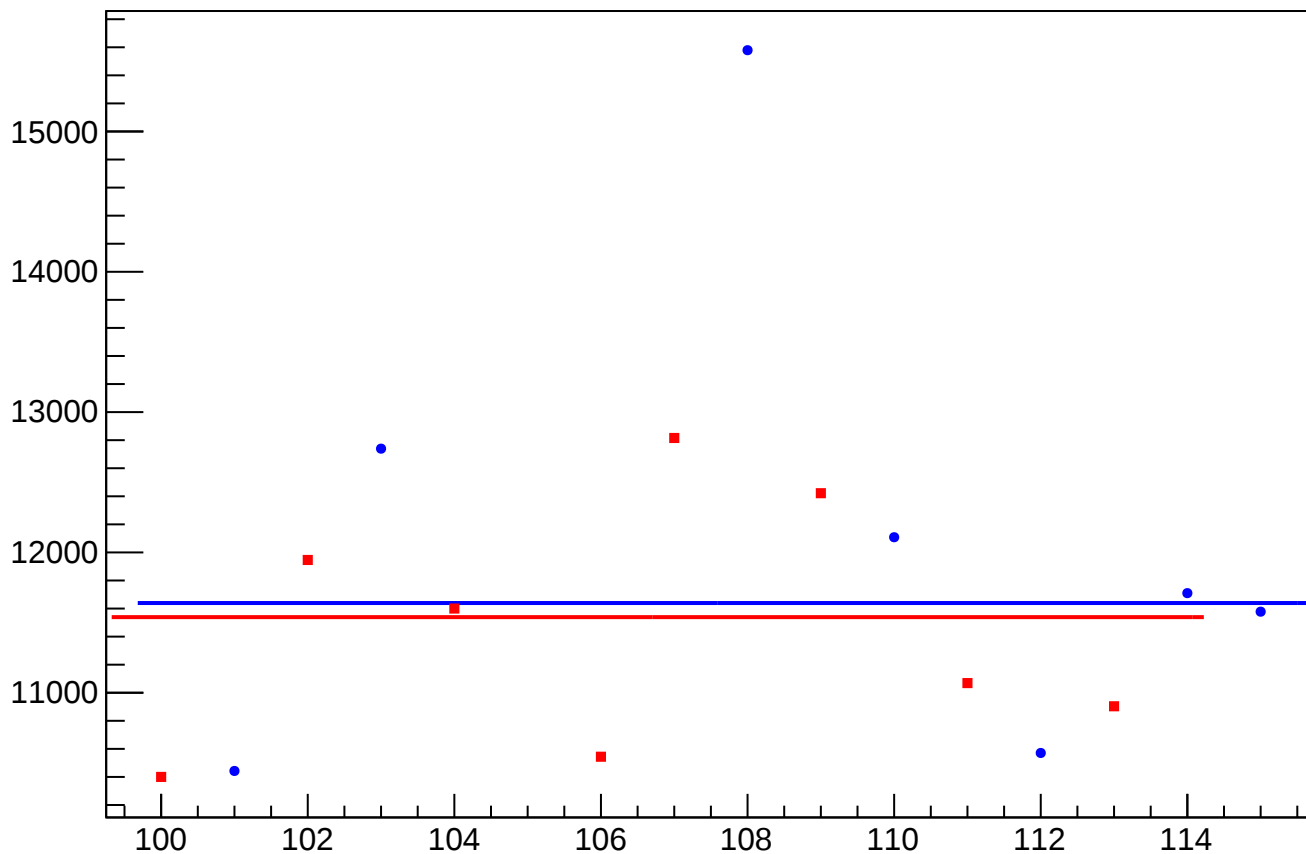
Right: -7.362+/-4.848 χ^2/NDF : 17.1/14

In: -14.207+/-7.258 χ^2/NDF : 4.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.362+/-4.848 χ^2/NDF : 17.1/14

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11639.405 $\pm$ 5.132 χ^2 /NDF: 82984.4/6

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

Right Out: 11538.890 $\pm$ 4.607 χ^2 /NDF: 25098.7/7

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

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

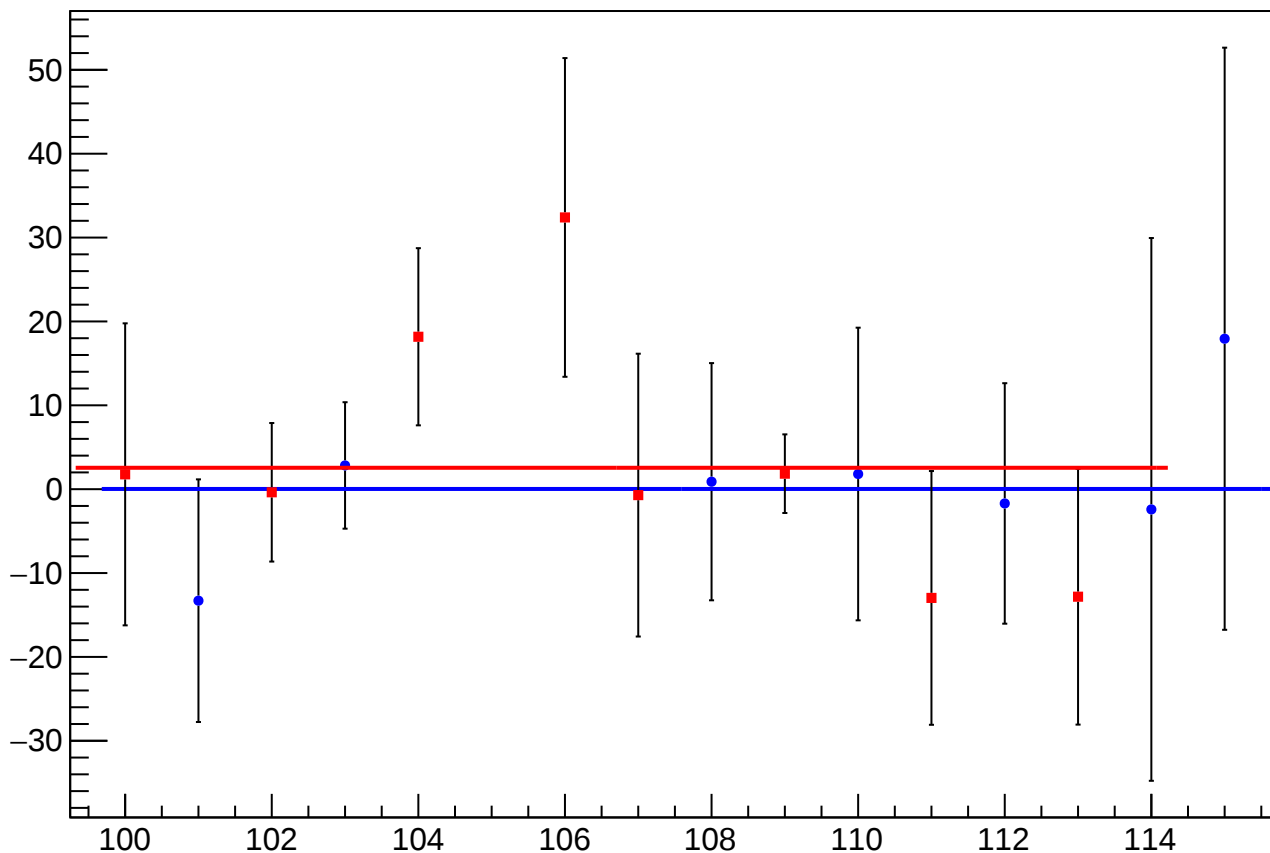
Right: 11583.742 $\pm$ 3.428 χ^2 /NDF: 108295.6/14

In: 11639.405 $\pm$ 5.132 χ^2 /NDF:82984.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 11583.742 $\pm$ 3.428 χ^2 /NDF: 108295.6/14

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: 0.026+/-5.177 χ^2/NDF : 1.3/6

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

Right Out: 2.552+/-3.387 χ^2/NDF : 6.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

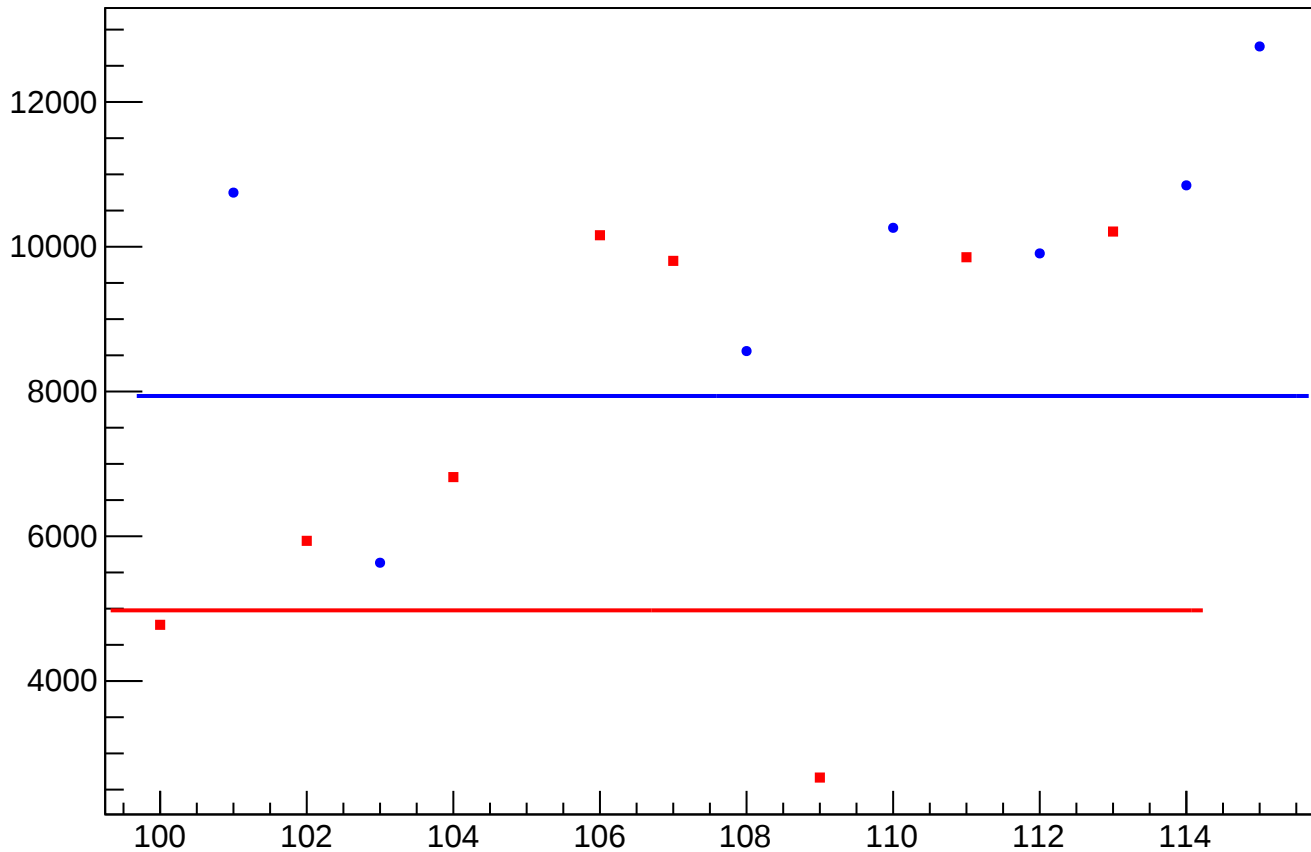
Right: 1.795+/-2.834 χ^2/NDF : 8.4/14

In: 0.026+/-5.177 χ^2/NDF : 1.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.795+/-2.834 χ^2/NDF : 8.4/14

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 7938.200+/-3.661 χ^2/NDF : 394189.8/6

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

Right Out: 4976.552+/-2.395 χ^2/NDF : 1330028.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

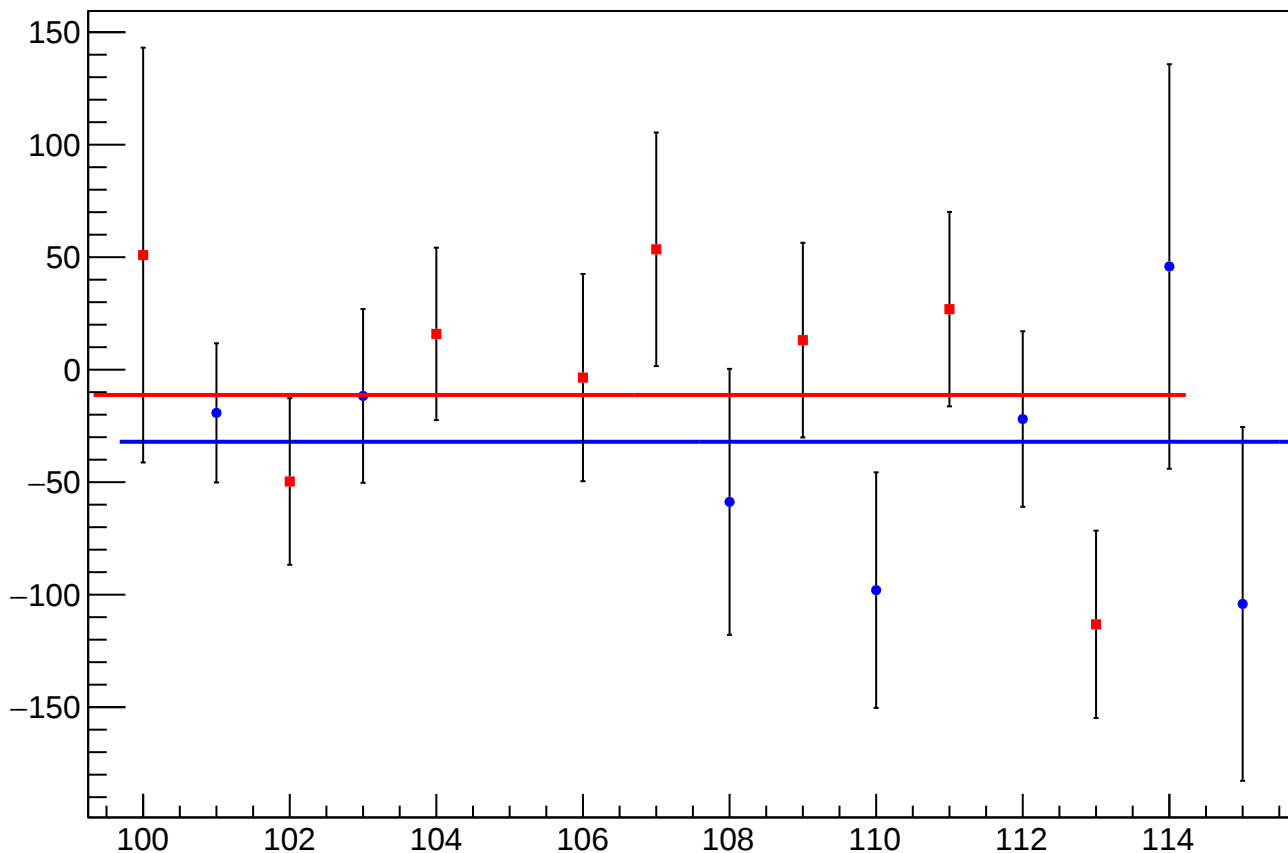
Right: 5864.239+/-2.004 χ^2/NDF : 2182559.9/14

In: 7938.200+/-3.661 χ^2/NDF : 394189.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5864.239+/-2.004 χ^2/NDF : 2182559.9/14

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -32.037+/-17.382 χ^2/NDF : 3.9/6

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

Right Out: -11.227+/-15.777 χ^2/NDF : 10.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

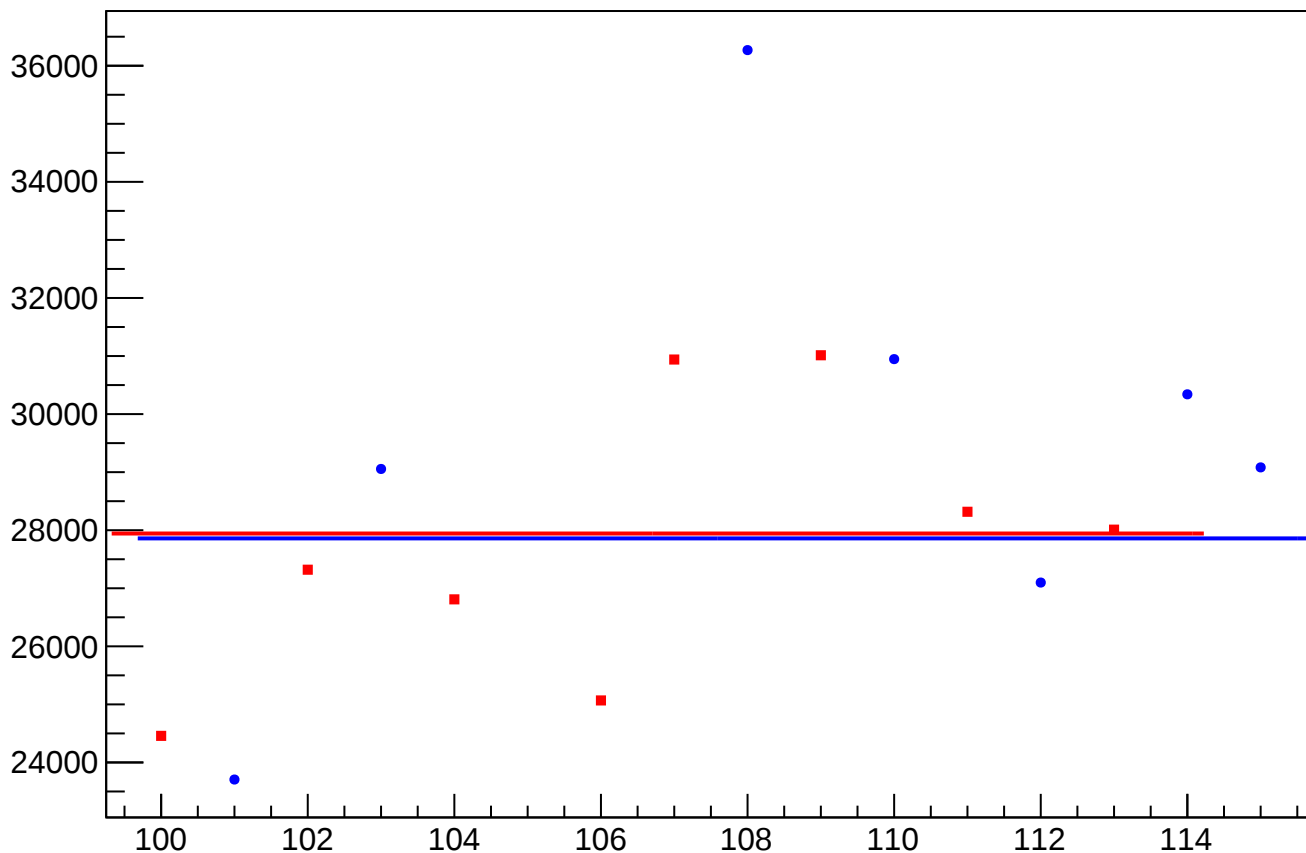
Right: -20.626+/-11.682 χ^2/NDF : 15.4/14

In: -32.037+/-17.382 χ^2/NDF : 3.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.626+/-11.682 χ^2/NDF : 15.4/14

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 27858.989+/-12.291 χ^2/NDF : 88206.1/6

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

Right Out: 27943.185+/-11.156 χ^2/NDF : 29867.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

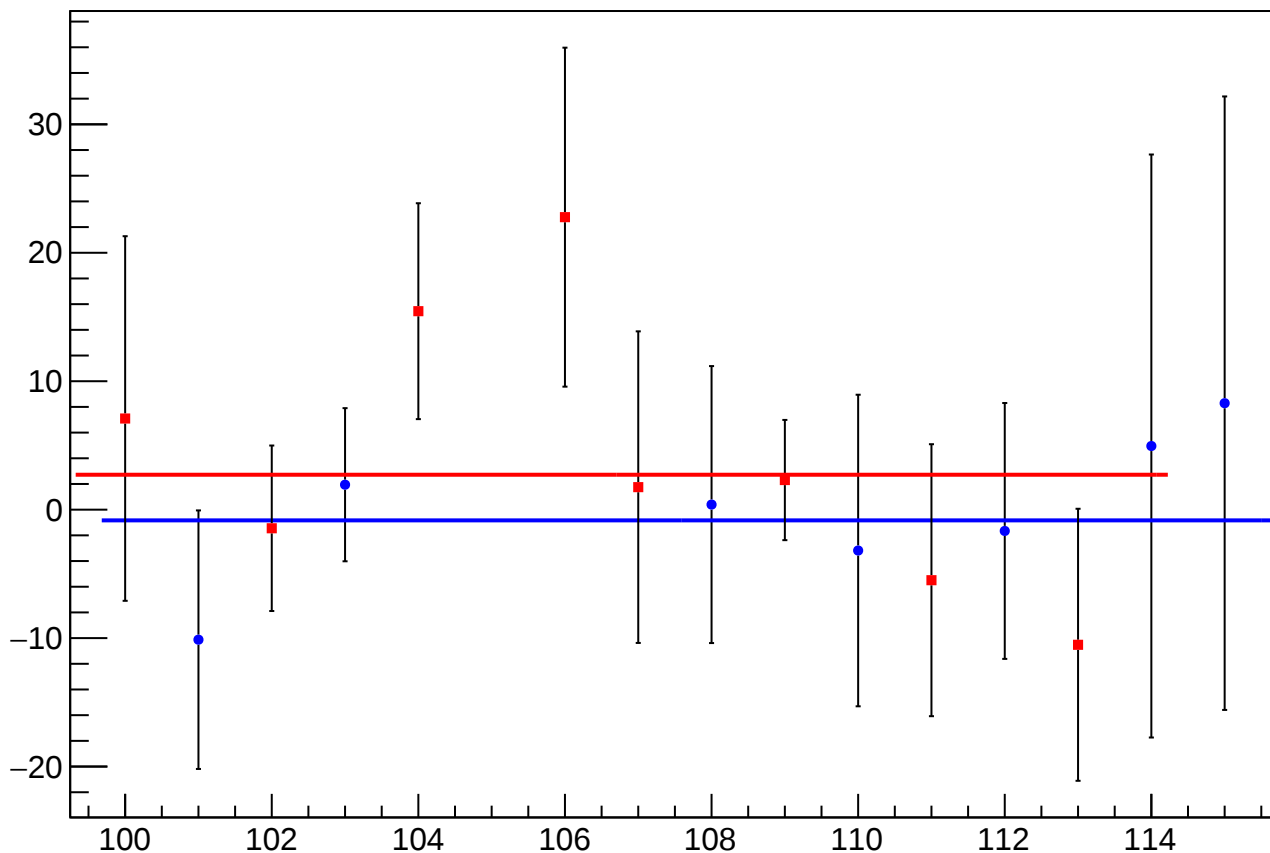
Right: 27905.154+/-8.261 χ^2/NDF : 118099.4/14

In: 27858.989+/-12.291 χ^2/NDF : 88206.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27905.154+/-8.261 χ^2/NDF : 118099.4/14

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -0.834+/-3.858 χ^2/NDF : 1.3/6

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

Right Out: 2.719+/-2.896 χ^2/NDF : 7.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

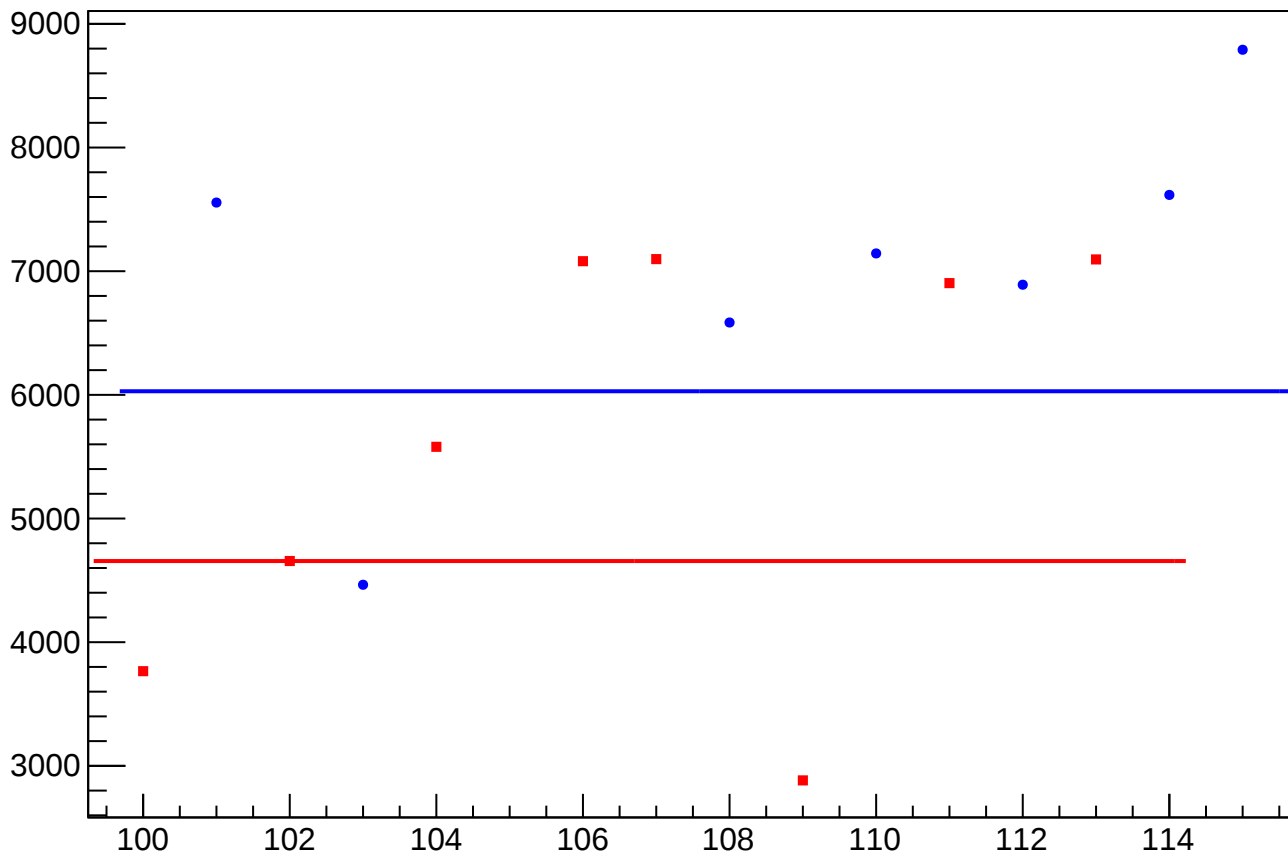
Right: 1.439+/-2.316 χ^2/NDF : 9.2/14

In: -0.834+/-3.858 χ^2/NDF : 1.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.439+/-2.316 χ^2/NDF : 9.2/14

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 6029.162+/-2.728 χ^2/NDF : 257470.5/6

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

Right Out: 4656.191+/-2.048 χ^2/NDF : 664113.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

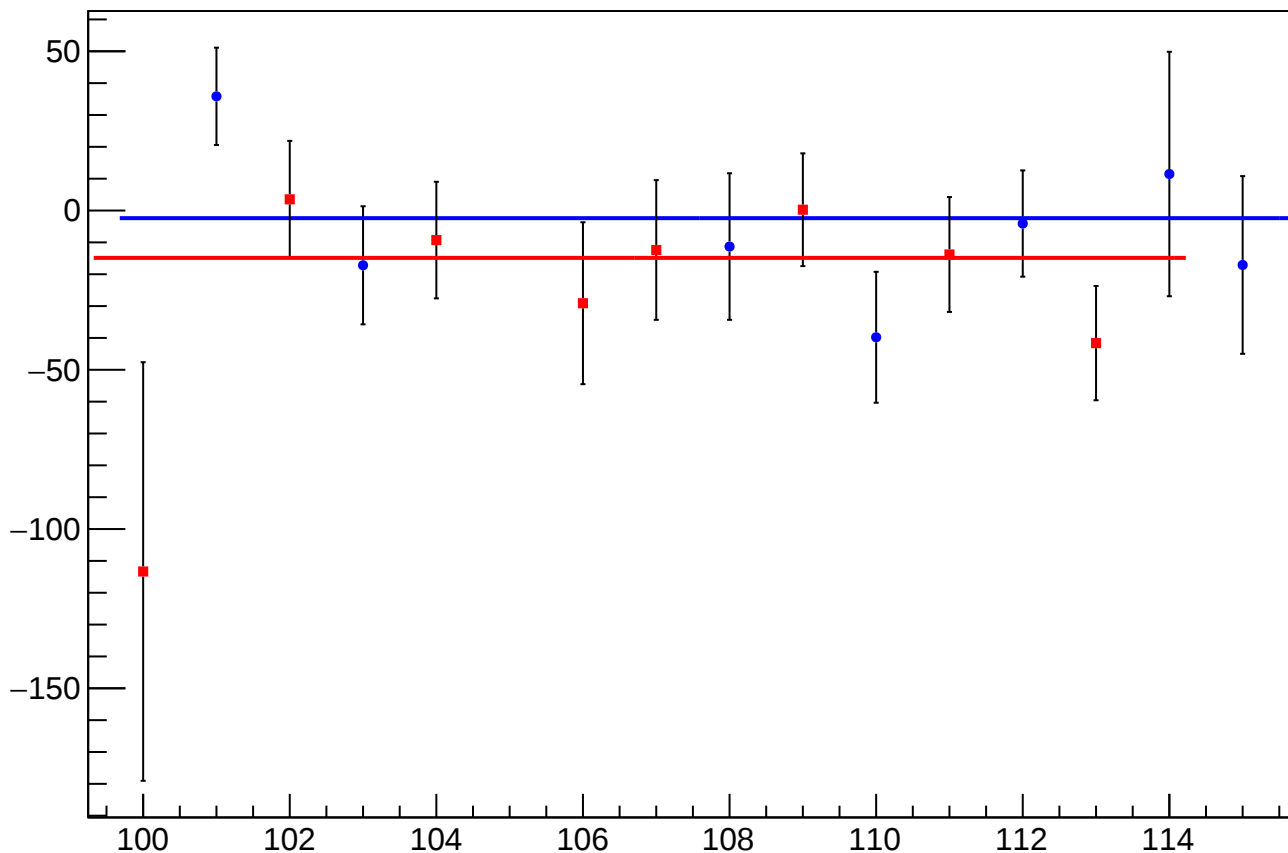
Right: 5150.950+/-1.638 χ^2/NDF : 1083600.6/14

In: 6029.162+/-2.728 χ^2/NDF : 257470.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5150.950+/-1.638 χ^2/NDF : 1083600.6/14

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: -2.394+/-7.668 χ^2/NDF : 10.8/6

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

Right Out: -14.865+/-7.220 χ^2/NDF : 6.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

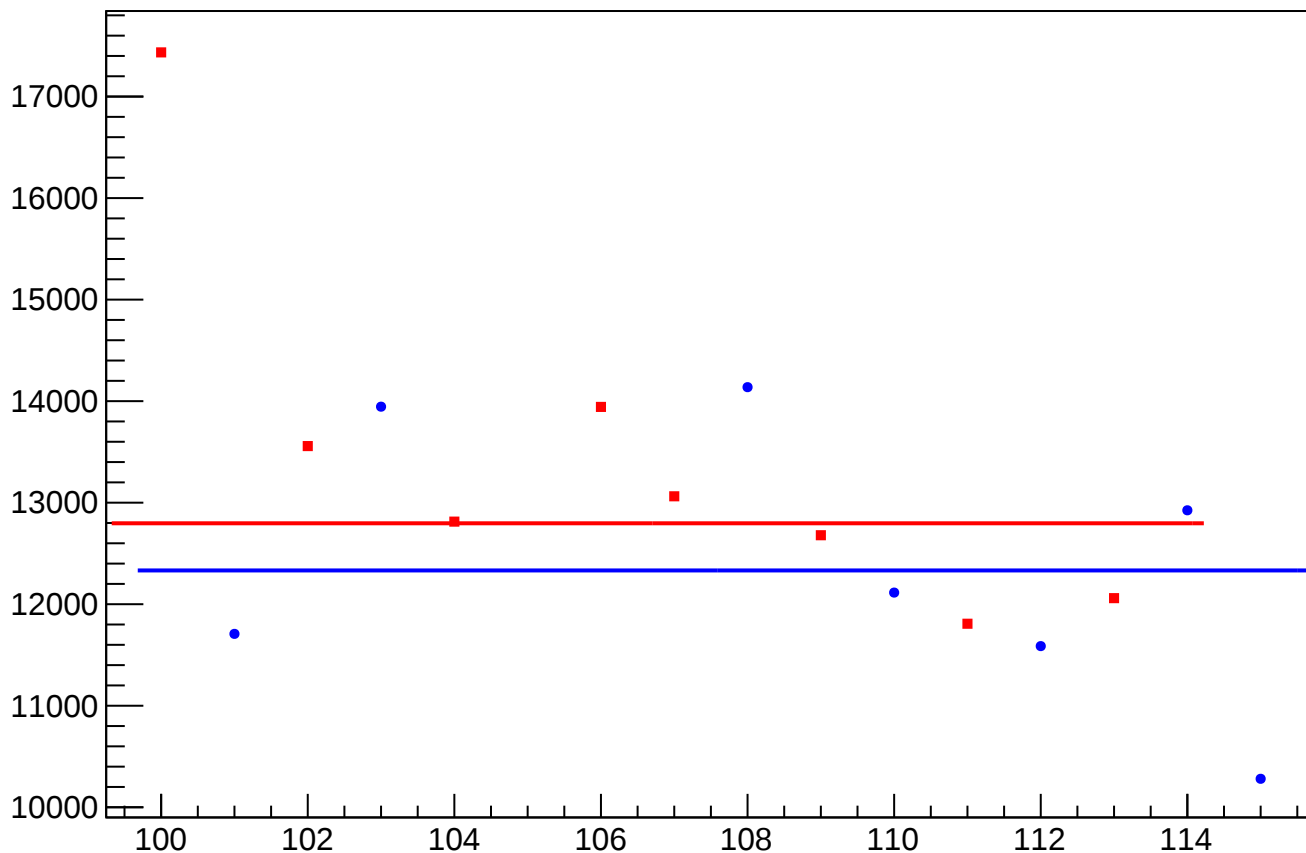
Right: -9.005+/-5.257 χ^2/NDF : 18.8/14

In: -2.394+/-7.668 χ^2/NDF : 10.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.005+/-5.257 χ^2/NDF : 18.8/14

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 12332.555+/-5.422 χ^2/NDF : 46315.1/6

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

Right Out: 12796.993+/-5.105 χ^2/NDF : 27244.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

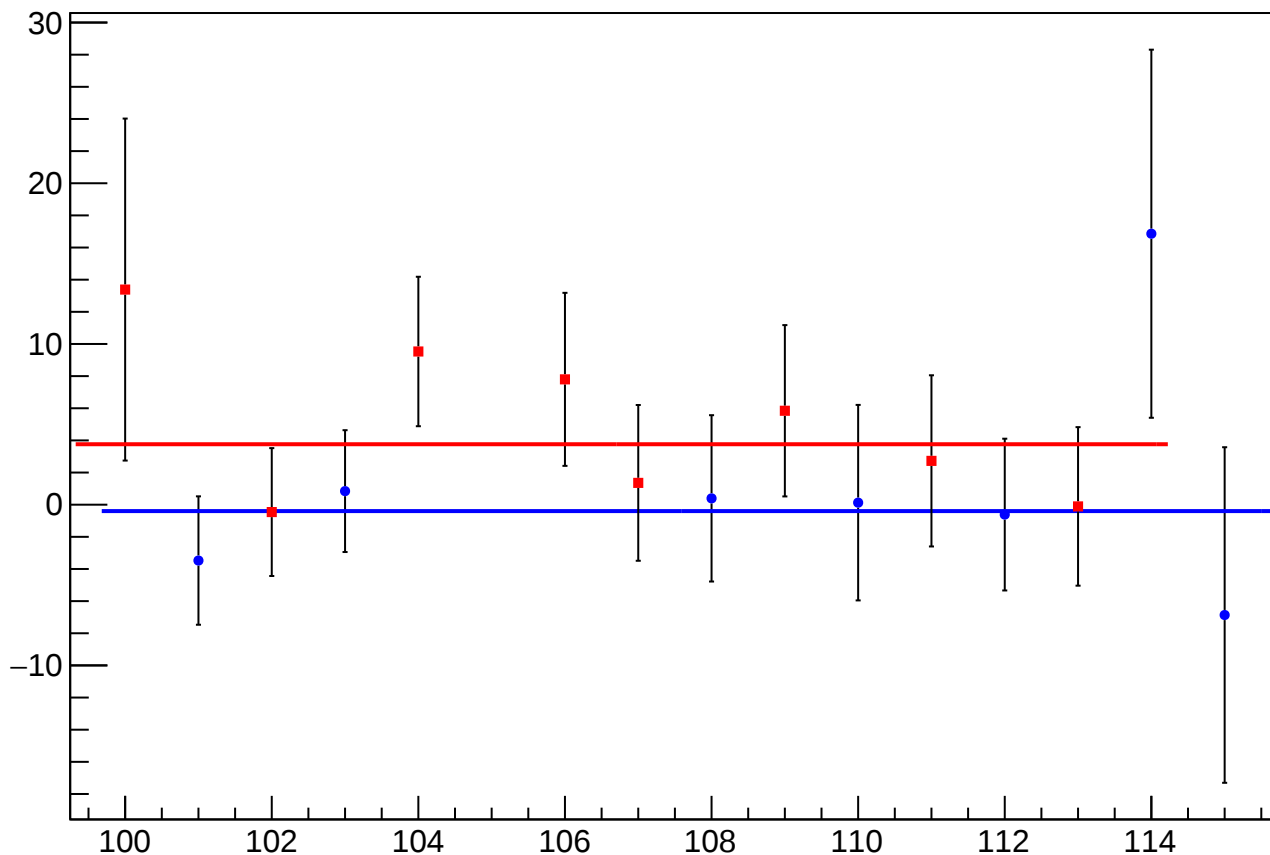
Right: 12578.749+/-3.717 χ^2/NDF : 77448.7/14

In: 12332.555+/-5.422 χ^2/NDF : 46315.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12578.749+/-3.717 χ^2/NDF : 77448.7/14

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.398+/-1.968 χ^2/NDF : 3.4/6

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

Right Out: 3.762+/-1.805 χ^2/NDF : 5.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

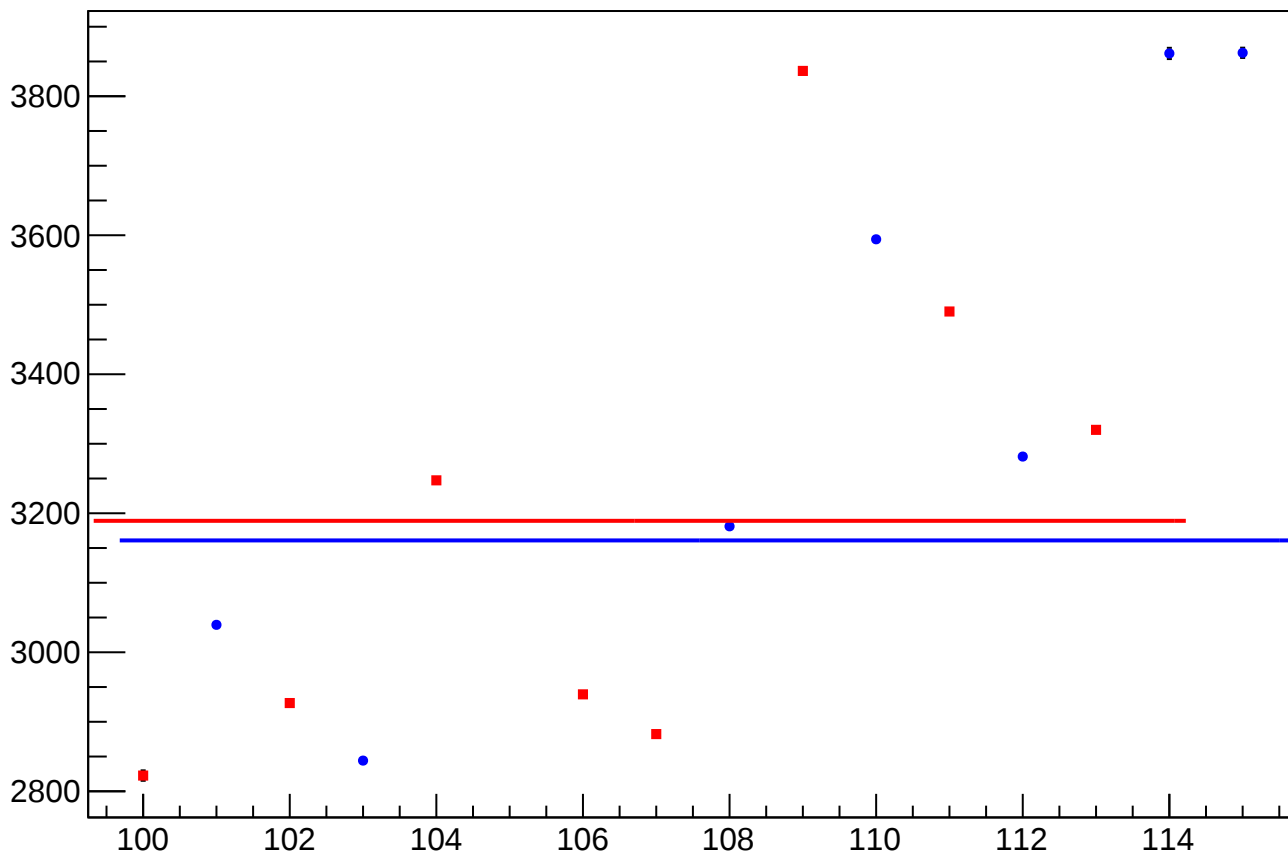
Right: 1.861+/-1.330 χ^2/NDF : 10.9/14

In: -0.398+/-1.968 χ^2/NDF : 3.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.861+/-1.330 χ^2/NDF : 10.9/14

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3160.924+/-1.391 χ^2/NDF : 43821.4/6

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

Right Out: 3189.120+/-1.276 χ^2/NDF : 60993.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

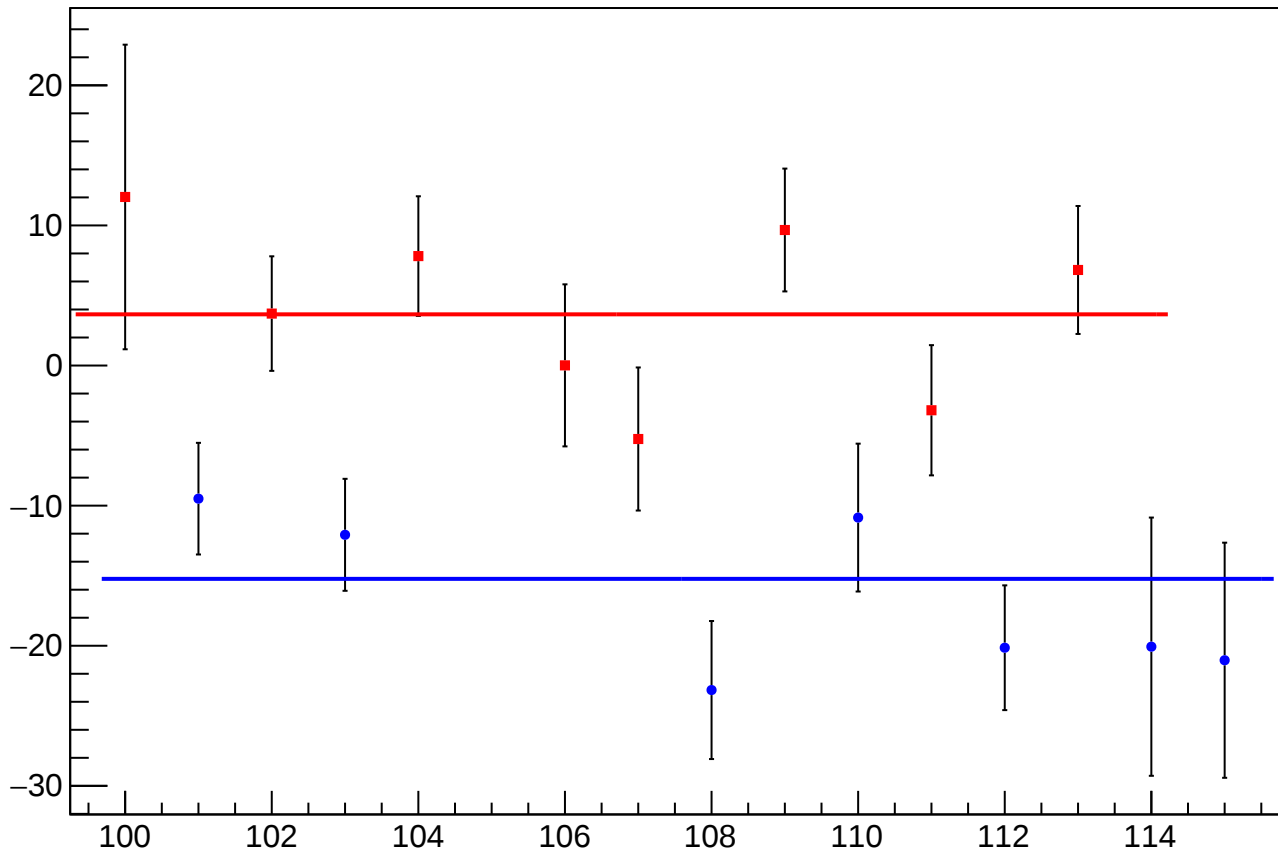
Right: 3176.234+/-0.941 χ^2/NDF : 105037.9/14

In: 3160.924+/-1.391 χ^2/NDF : 43821.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3176.234+/-0.941 χ^2/NDF : 105037.9/14

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -15.226 $\pm$ 1.893 χ^2 /NDF: 7.9/6

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

Right Out: 3.655 $\pm$ 1.721 χ^2 /NDF: 9.5/7

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

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

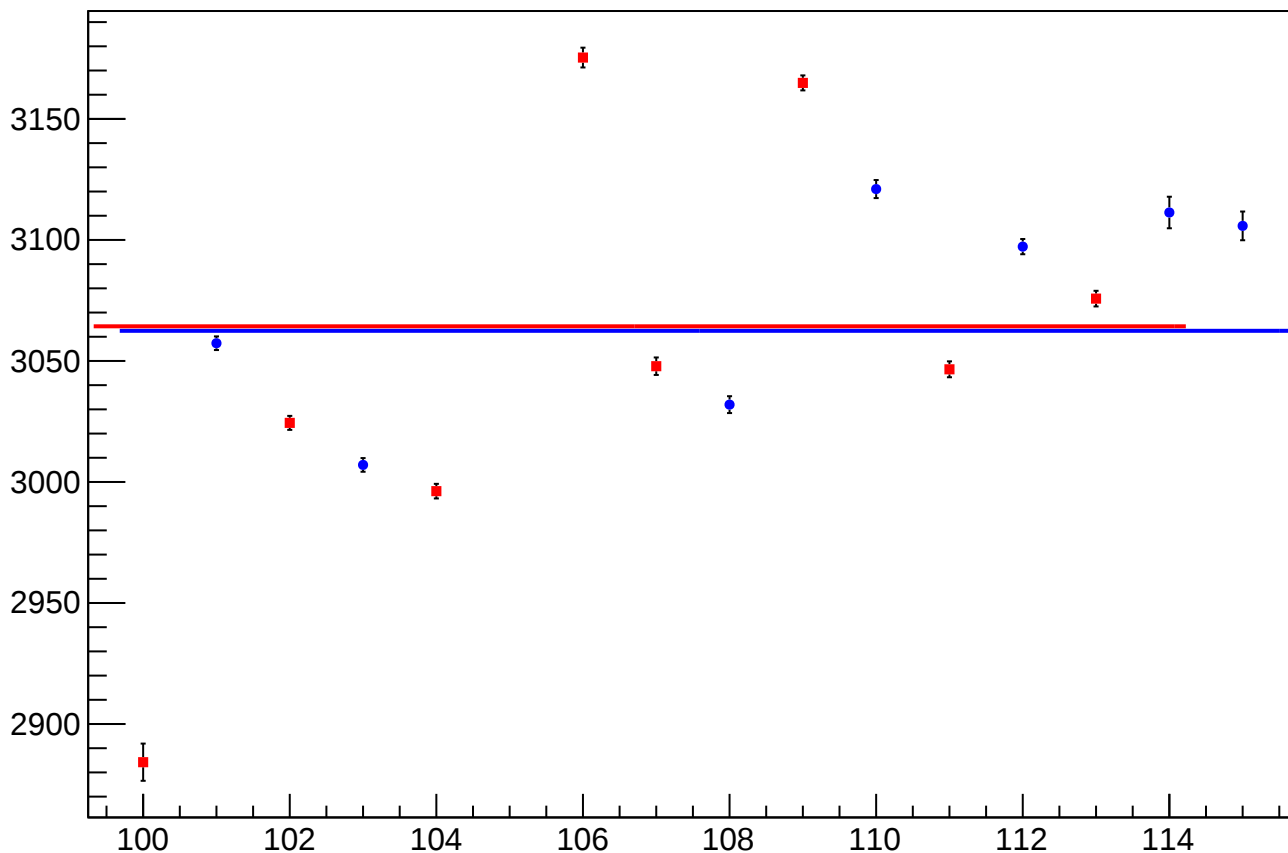
Right: -4.890 $\pm$ 1.273 χ^2 /NDF: 71.9/14

In: -15.226 $\pm$ 1.893 χ^2 /NDF:7.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.890 $\pm$ 1.273 χ^2 /NDF: 71.9/14

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3062.455+/-1.338 χ^2/NDF : 942.6/6

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

Right Out: 3064.315+/-1.217 χ^2/NDF : 3101.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

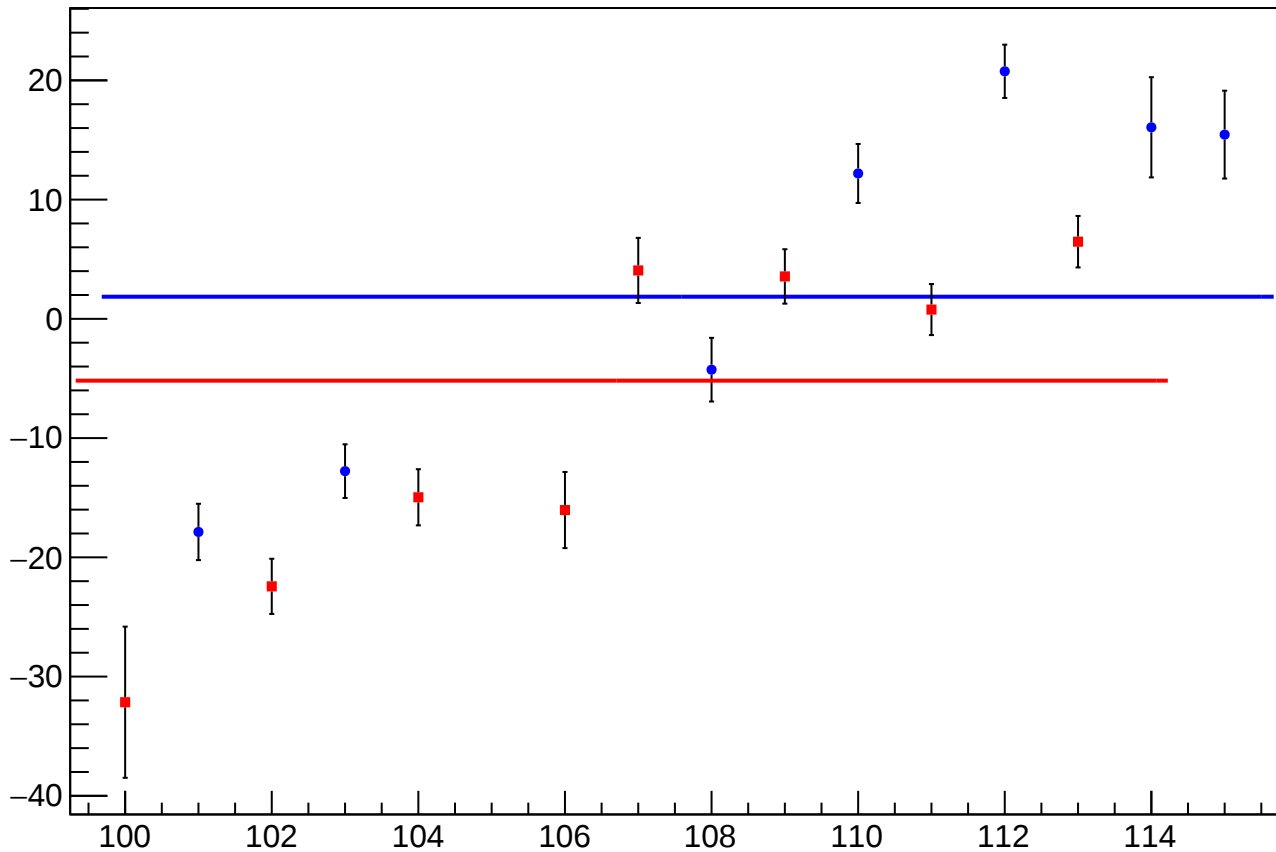
Right: 3063.473+/-0.900 χ^2/NDF : 4044.8/14

In: 3062.455+/-1.338 χ^2/NDF : 942.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3063.473+/-0.900 χ^2/NDF : 4044.8/14

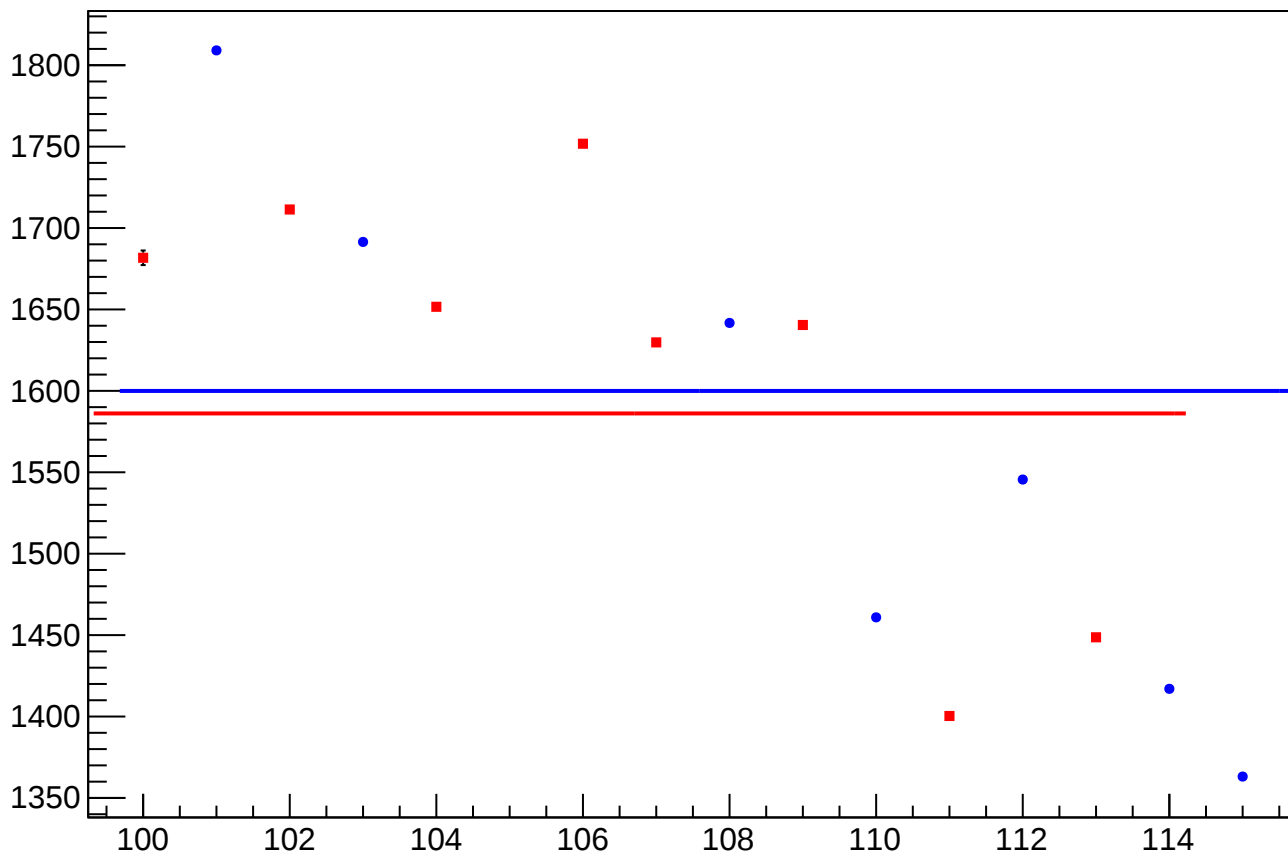
diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 1.856+/-0.994 χ^2/NDF : 231.4/6
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -5.183+/-0.895 χ^2/NDF : 165.4/7
 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+/-0.665 χ^2/NDF : 424.6/14
 In: 1.856+/-0.994 χ^2/NDF : 231.4/6
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -2.034+/-0.665 χ^2/NDF : 424.6/14

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1599.950+/-0.703 χ^2/NDF : 39045.8/6

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

Right Out: 1586.134+/-0.633 χ^2/NDF : 38076.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

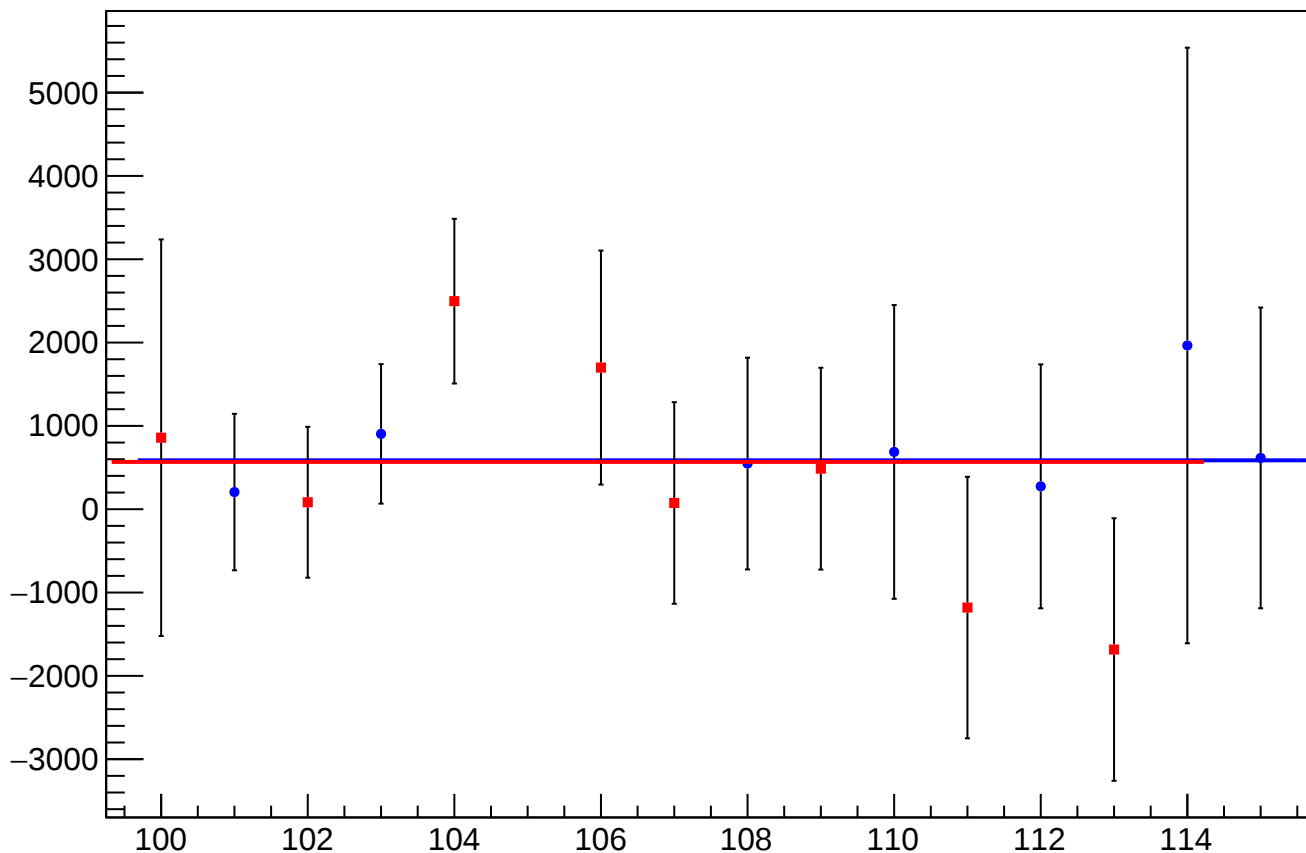
Right: 1592.316+/-0.470 χ^2/NDF : 77336.1/14

In: 1599.950+/-0.703 χ^2/NDF : 39045.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1592.316+/-0.470 χ^2/NDF : 77336.1/14

asym_sam1_mean vs Slug, Sign Corrected



Right In: 586.730+/-479.163 χ^2/NDF : 0.5/6

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

Right Out: 567.783+/-442.761 χ^2/NDF : 8.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

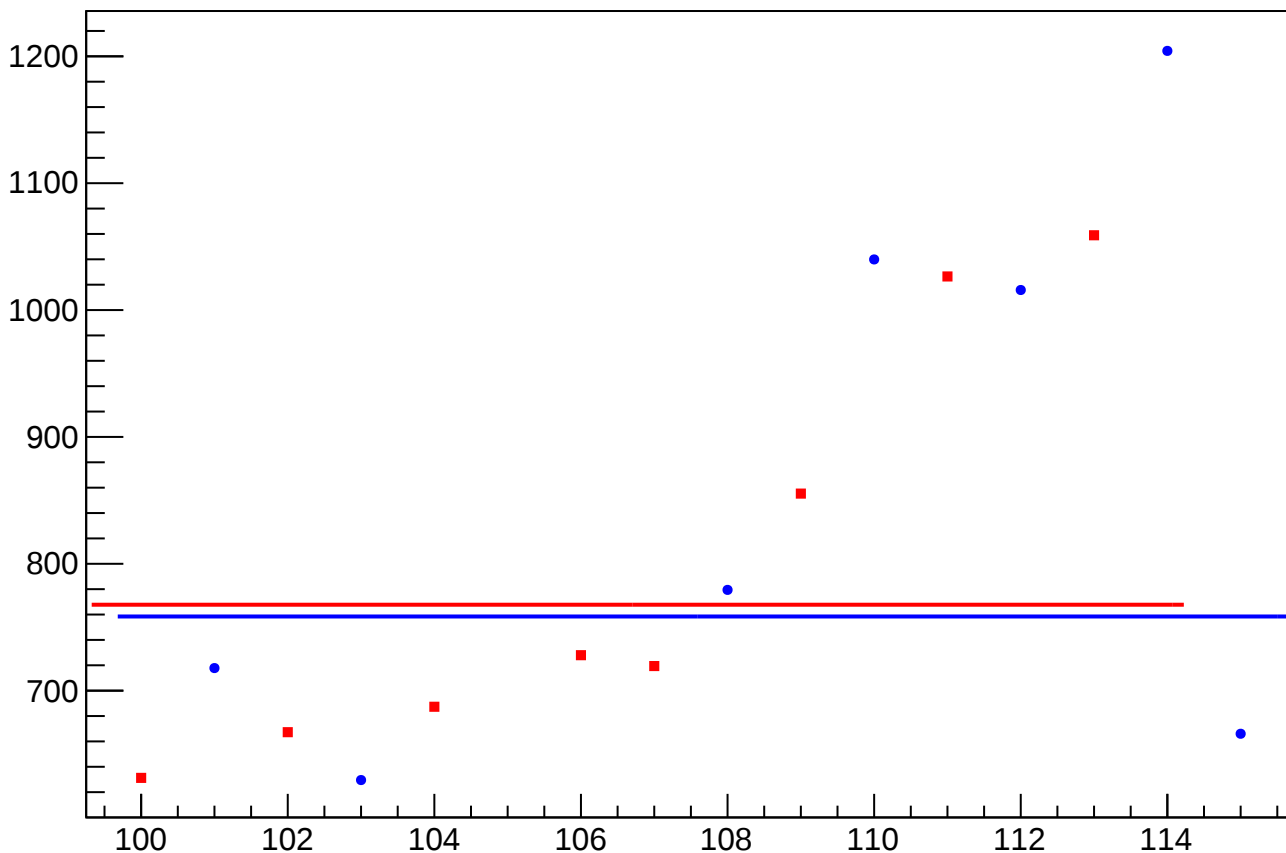
Right: 576.509+/-325.188 χ^2/NDF : 8.7/14

In: 586.730+/-479.163 χ^2/NDF : 0.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 576.509+/-325.188 χ^2/NDF : 8.7/14

asym_sam1_rms vs Slug, Sign Corrected



Right In: 758.468+/-0.339 χ^2/NDF : 200904.5/6

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

Right Out: 767.740+/-0.313 χ^2/NDF : 182423.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

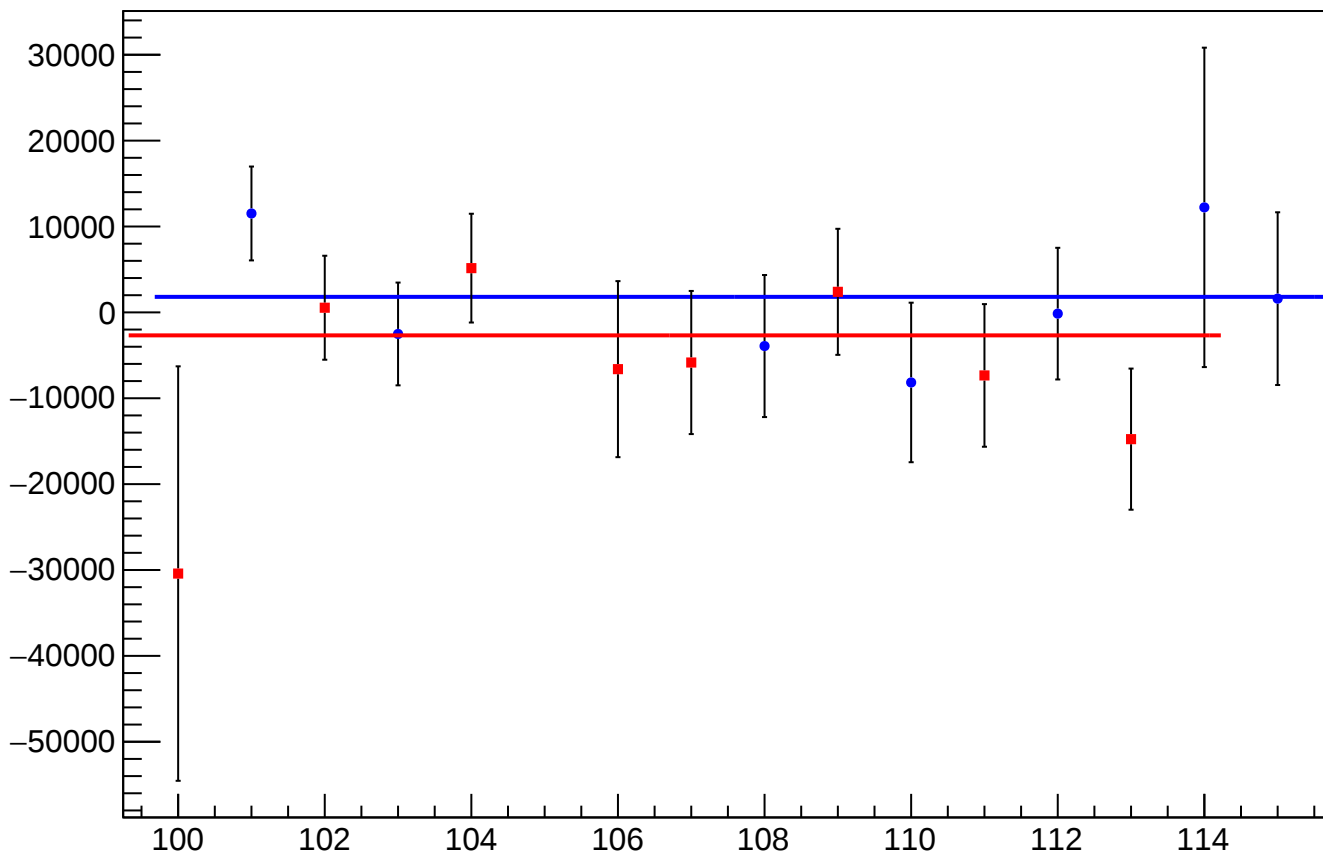
Right: 763.469+/-0.230 χ^2/NDF : 383732.0/14

In: 758.468+/-0.339 χ^2/NDF : 200904.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 763.469+/-0.230 χ^2/NDF : 383732.0/14

asym_sam2_mean vs Slug, Sign Corrected



Right In: 1807.482+/-2918.453 χ^2/NDF : 5.7/6

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

Right Out: -2677.237+/-2820.353 χ^2/NDF : 6.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

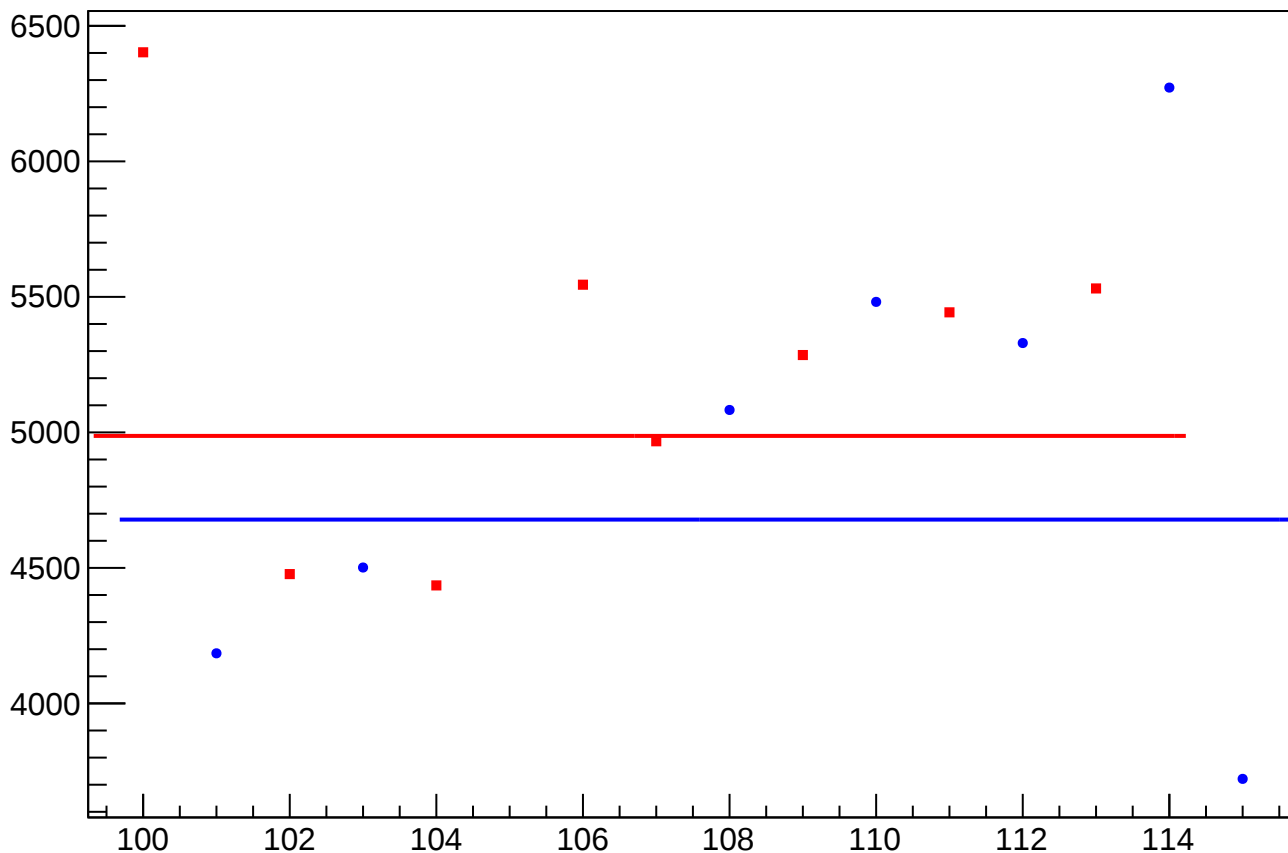
Right: -511.517+/-2028.085 χ^2/NDF : 13.3/14

In: 1807.482+/-2918.453 χ^2/NDF : 5.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -511.517+/-2028.085 χ^2/NDF : 13.3/14

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4678.267+/-2.064 χ^2/NDF : 85021.6/6

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

Right Out: 4987.029+/-1.994 χ^2/NDF : 60276.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

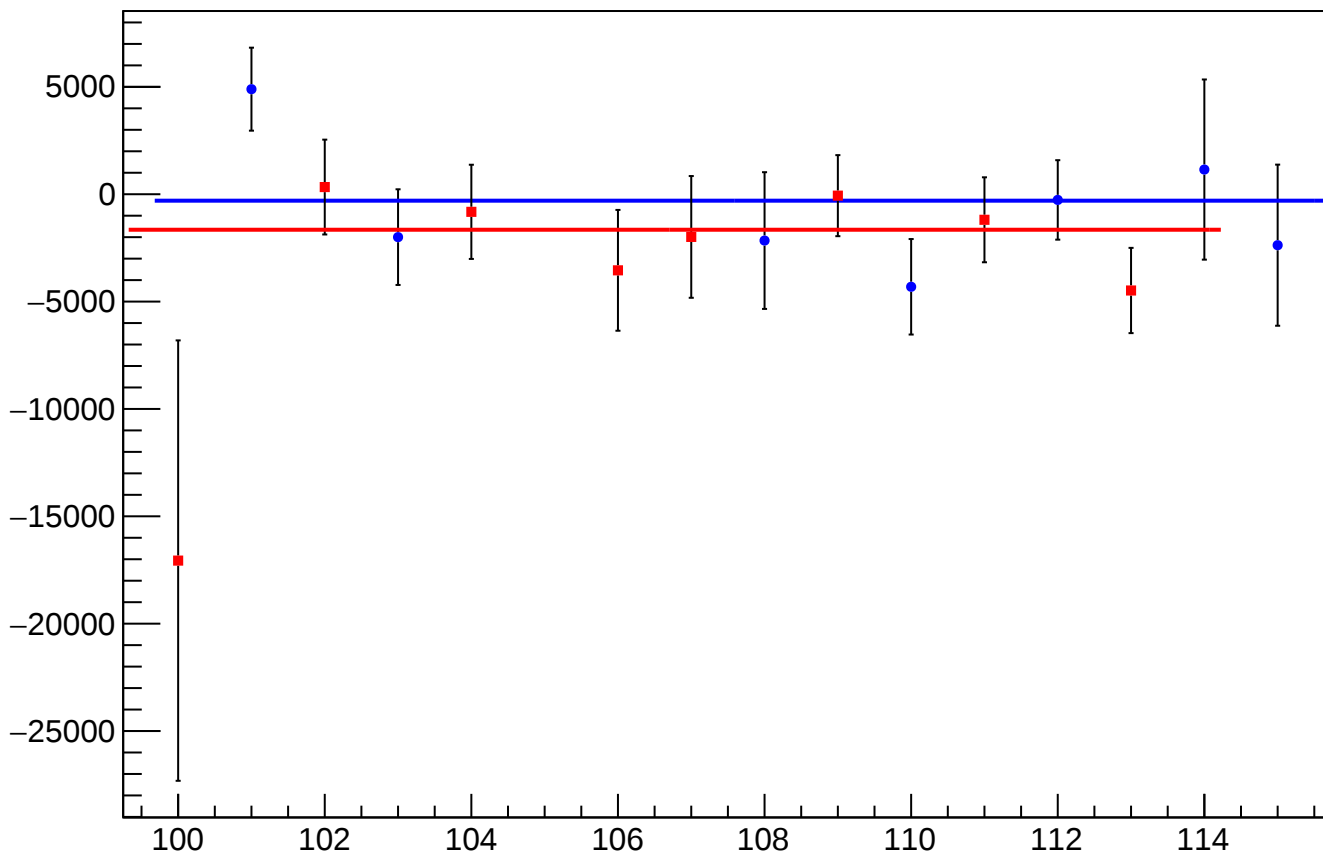
Right: 4837.924+/-1.434 χ^2/NDF : 156873.8/14

In: 4678.267+/-2.064 χ^2/NDF : 85021.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4837.924+/-1.434 χ^2/NDF : 156873.8/14

asym_sam3_mean vs Slug, Sign Corrected



Right In: -300.781 ± 916.723 χ^2/NDF : 11.8/6

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

Right Out: -1654.083 ± 826.717 χ^2/NDF : 6.5/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

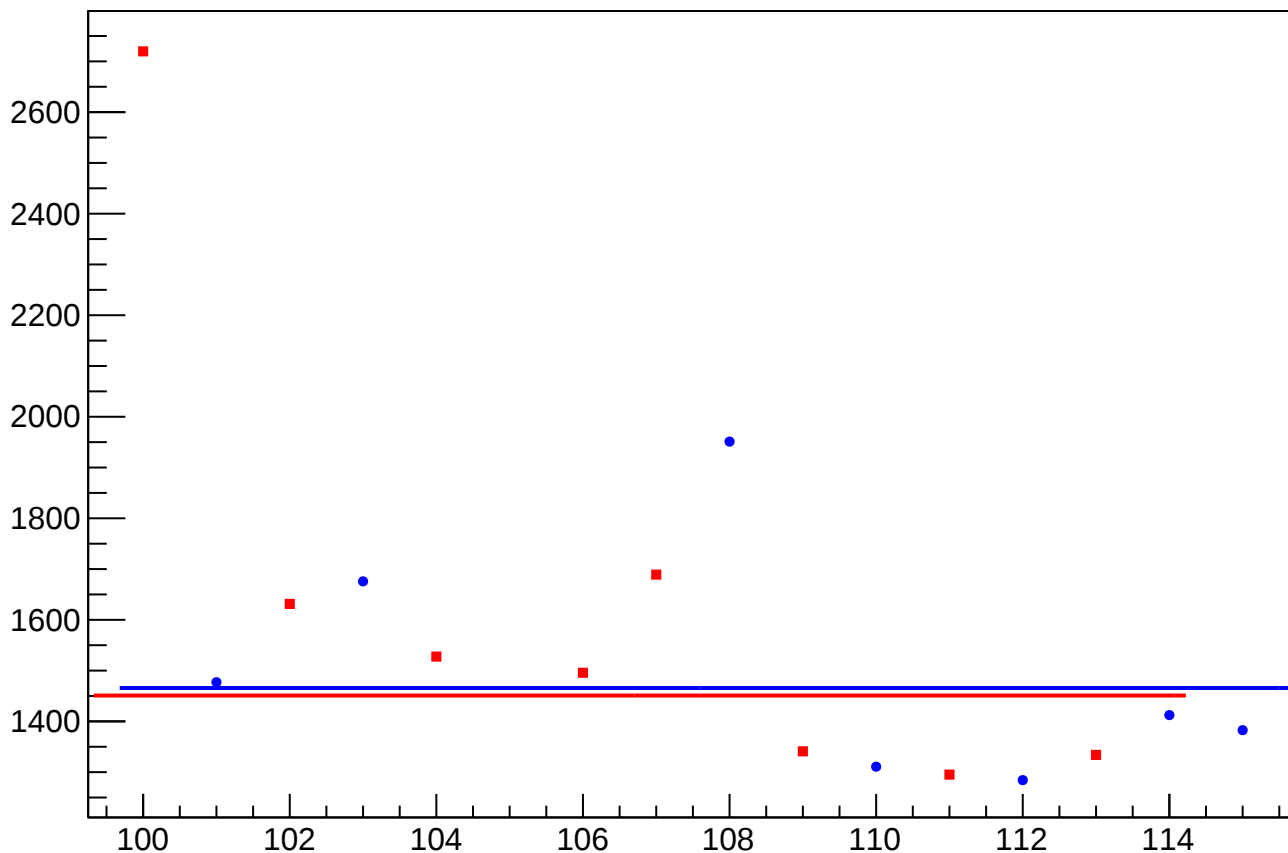
Right: -1047.111 ± 613.939 χ^2/NDF : 19.5/14

In: -300.781 ± 916.723 χ^2/NDF : 11.8/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1047.111 ± 613.939 χ^2/NDF : 19.5/14

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1465.741+/-0.648 χ^2/NDF : 94584.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1450.895+/-0.585 χ^2/NDF : 87158.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

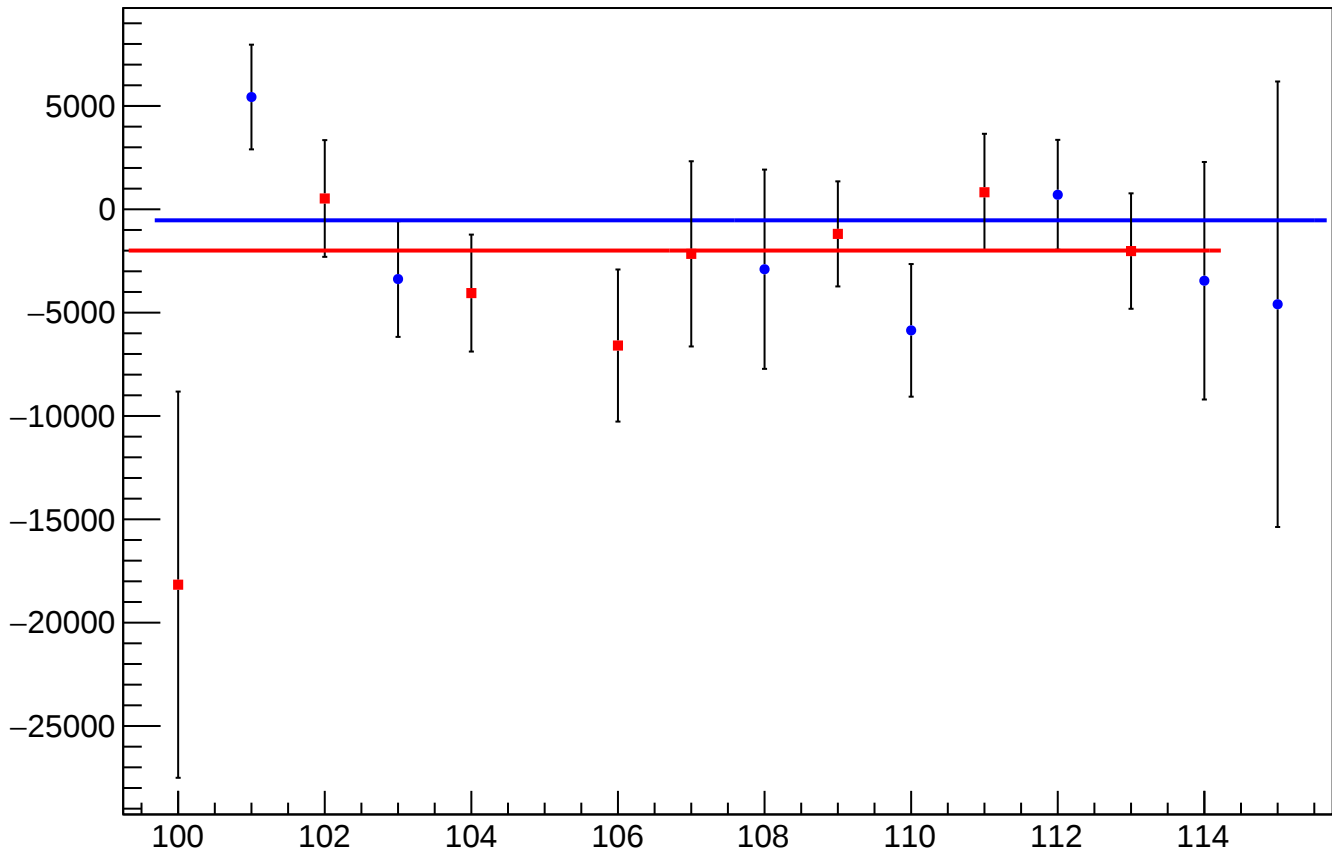
Right: 1457.554+/-0.434 χ^2/NDF : 182031.9/14

In: 1465.741+/-0.648 χ^2/NDF : 94584.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1457.554+/-0.434 χ^2/NDF : 182031.9/14

asym_sam4_mean vs Slug, Sign Corrected



Right In: -532.948+/-1286.598 χ^2/NDF : 10.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1995.382+/-1122.771 χ^2/NDF : 7.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

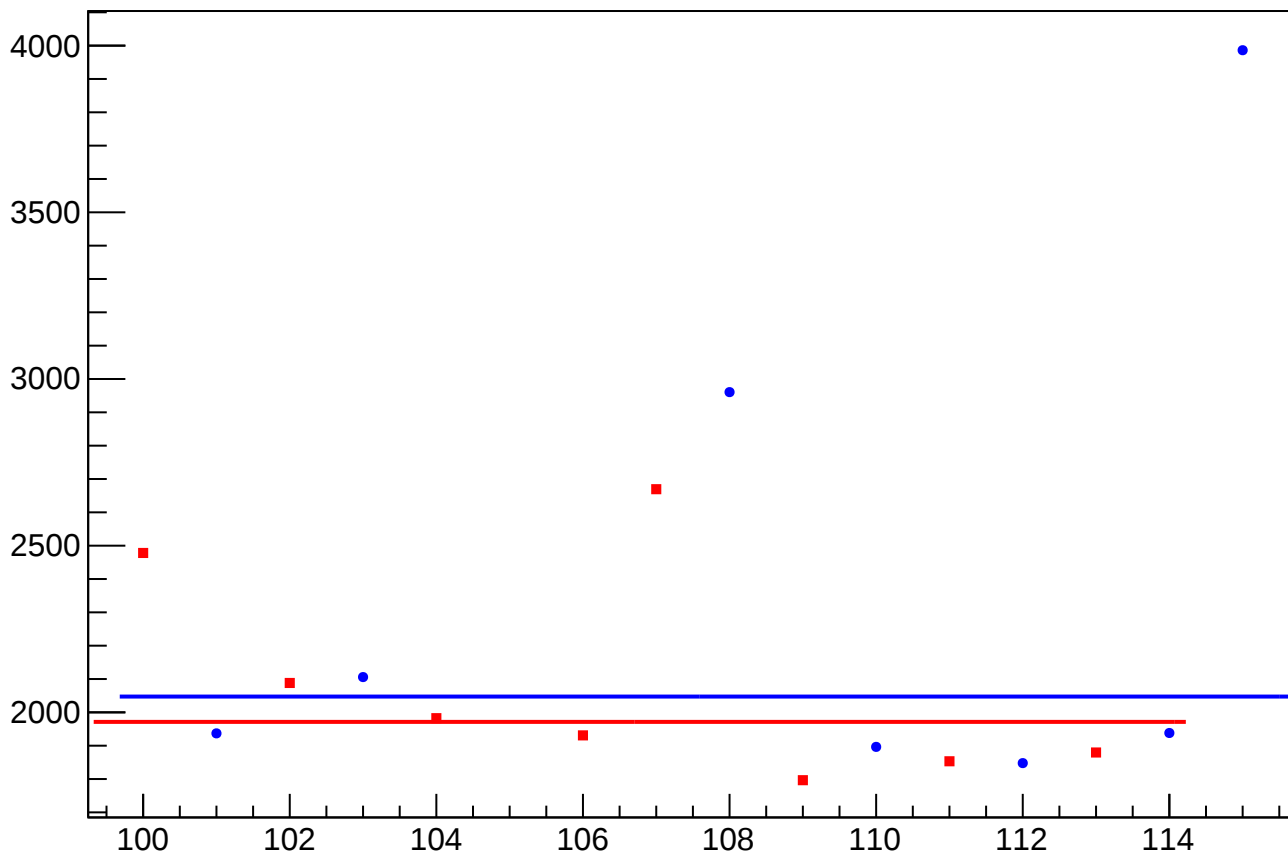
Right: -1363.147+/-845.949 χ^2/NDF : 17.9/14

In: -532.948+/-1286.598 χ^2/NDF : 10.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1363.147+/-845.949 χ^2/NDF : 17.9/14

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2047.372+/-0.910 χ^2/NDF : 157605.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1971.419+/-0.794 χ^2/NDF : 73225.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

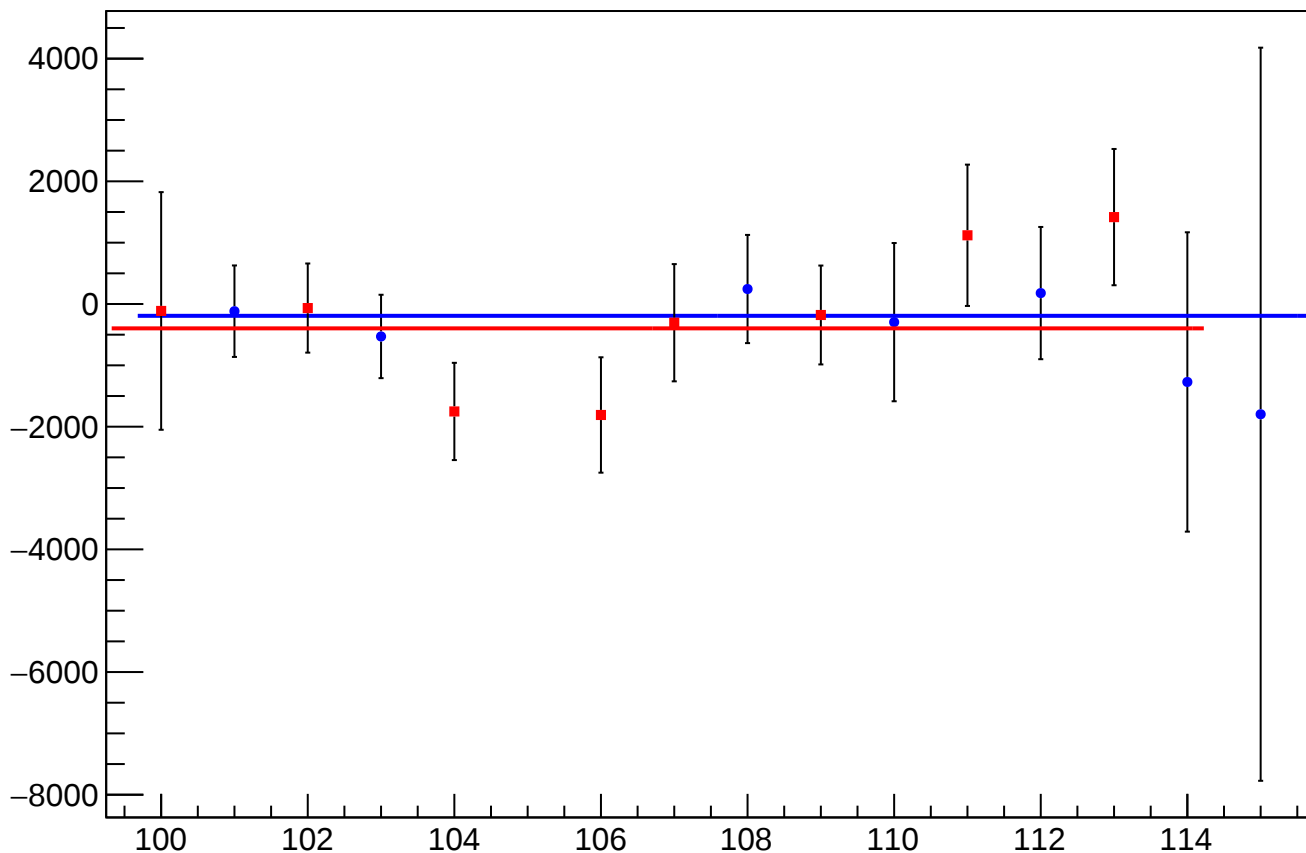
Right: 2004.255+/-0.598 χ^2/NDF : 234787.5/14

In: 2047.372+/-0.910 χ^2/NDF : 157605.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2004.255+/-0.598 χ^2/NDF : 234787.5/14

asym_sam5_mean vs Slug, Sign Corrected



Right In: -192.576+/-380.518 χ^2/NDF : 0.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -397.150+/-331.844 χ^2/NDF : 9.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

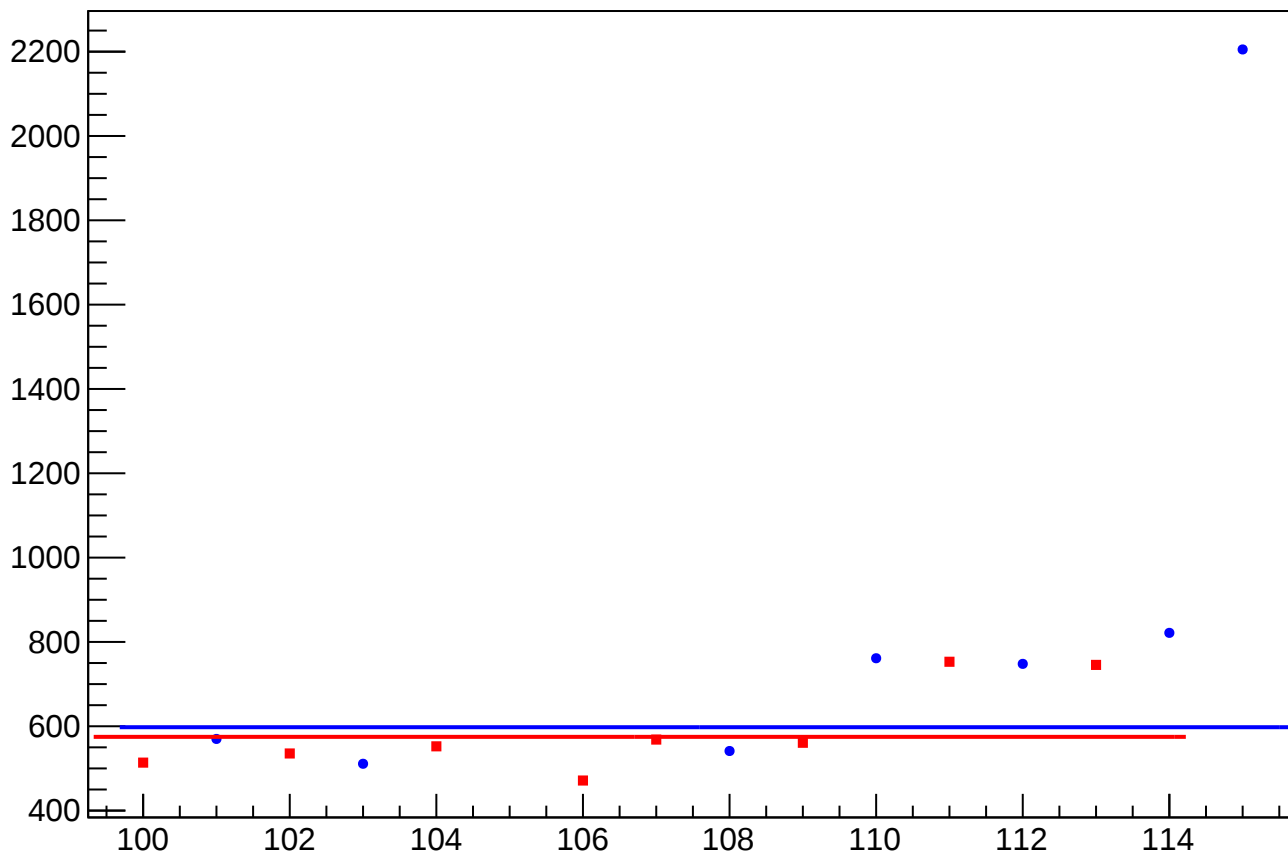
Right: -308.776+/-250.099 χ^2/NDF : 10.9/14

In: -192.576+/-380.518 χ^2/NDF : 0.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -308.776+/-250.099 χ^2/NDF : 10.9/14

asym_sam5_rms vs Slug, Sign Corrected



Right In: 597.755 $\pm$ 0.269 χ^2 /NDF: 276063.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 574.883 $\pm$ 0.235 χ^2 /NDF: 129433.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

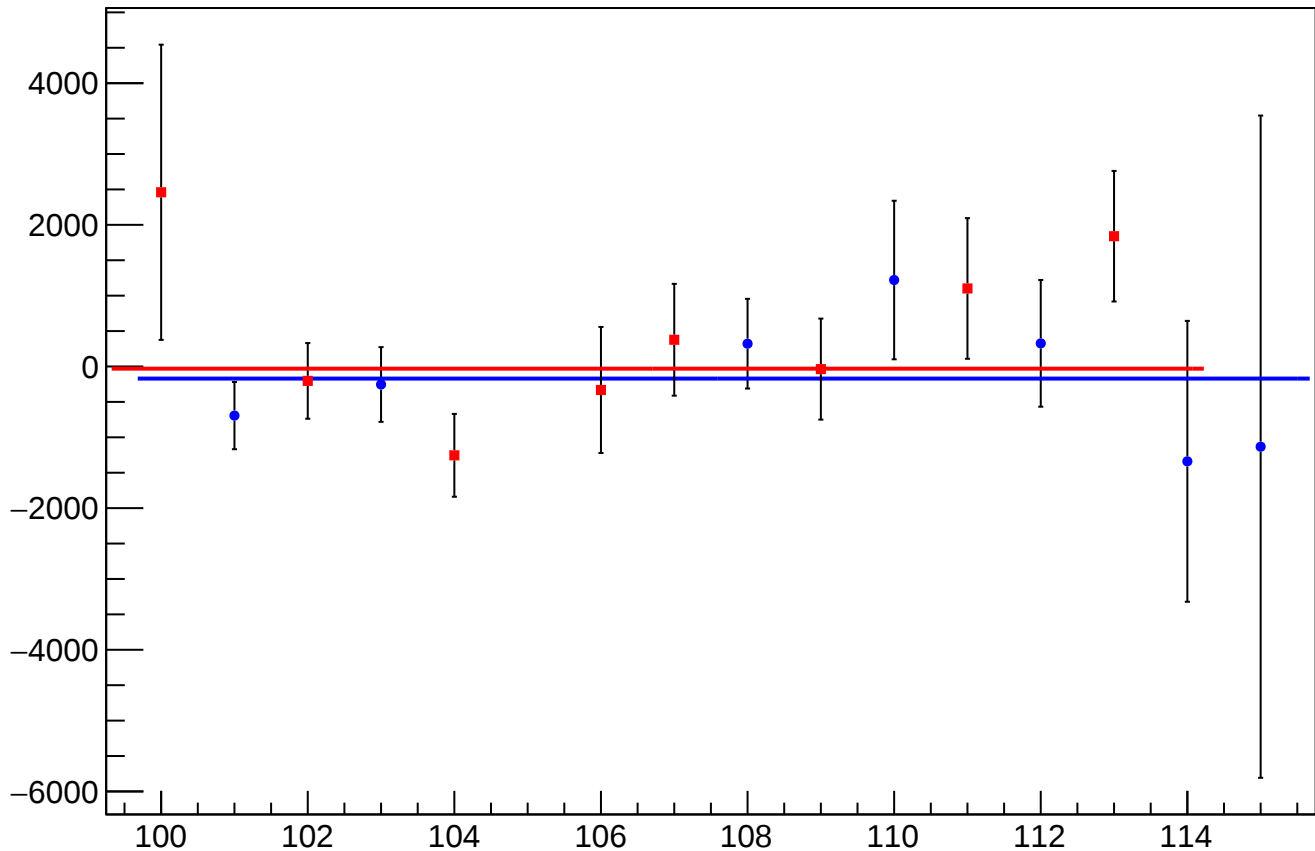
Right: 584.764 $\pm$ 0.177 χ^2 /NDF: 409601.4/14

In: 597.755 $\pm$ 0.269 χ^2 /NDF: 276063.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 584.764 $\pm$ 0.177 χ^2 /NDF: 409601.4/14

asym_sam6_mean vs Slug, Sign Corrected



Right In: -170.699+/-278.683 χ^2/NDF : 4.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.630+/-270.367 χ^2/NDF : 11.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

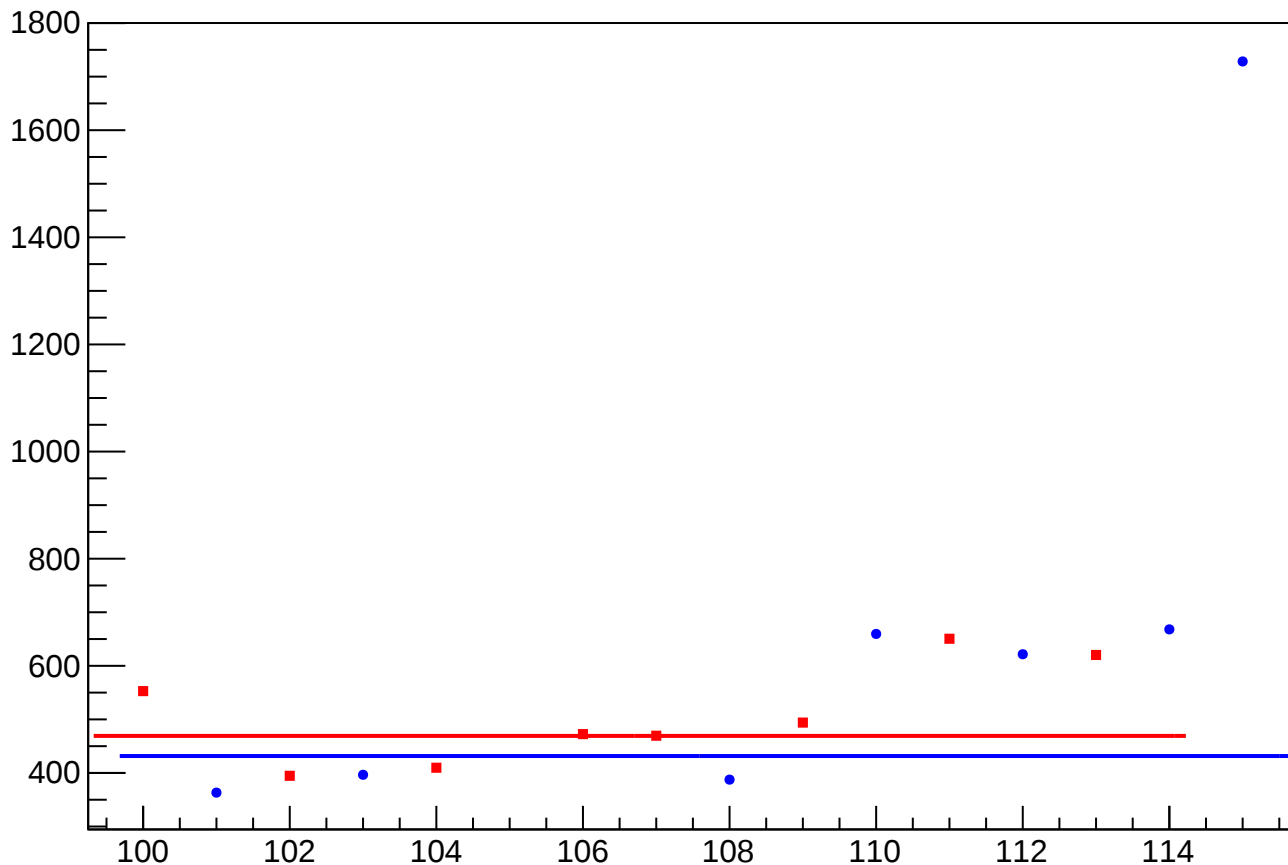
Right: -98.543+/-194.052 χ^2/NDF : 15.9/14

In: -170.699+/-278.683 χ^2/NDF : 4.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -98.543+/-194.052 χ^2/NDF : 15.9/14

asym_sam6_rms vs Slug, Sign Corrected



Right In: 431.588 $\pm$ 0.197 χ^2 /NDF: 415521.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 469.176 $\pm$ 0.191 χ^2 /NDF: 185647.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

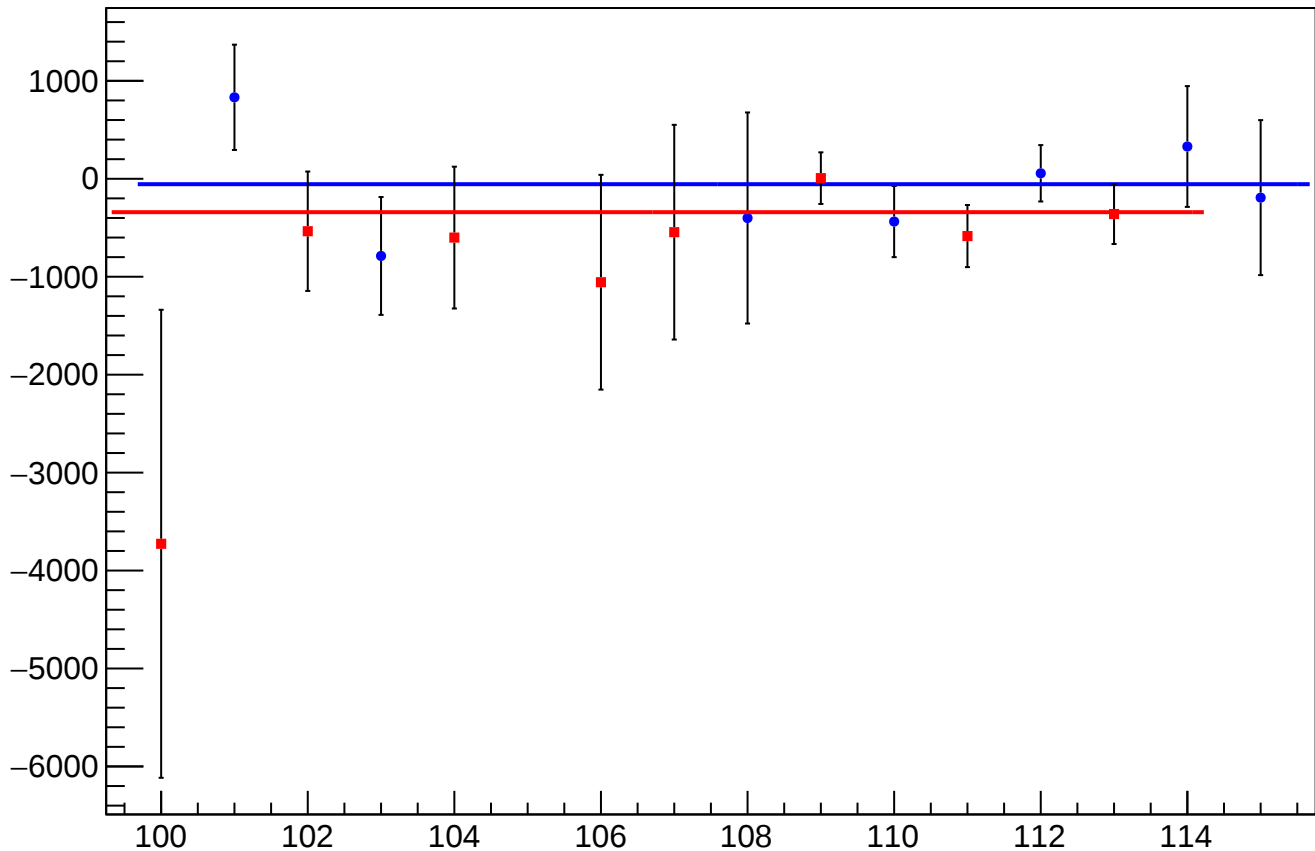
Right: 450.951 $\pm$ 0.137 χ^2 /NDF: 619912.2/14

In: 431.588 $\pm$ 0.197 χ^2 /NDF:415521.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 450.951 $\pm$ 0.137 χ^2 /NDF: 619912.2/14

asym_sam7_mean vs Slug, Sign Corrected



Right In: -55.208+/-179.767 χ^2/NDF : 6.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -340.952+/-155.314 χ^2/NDF : 5.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

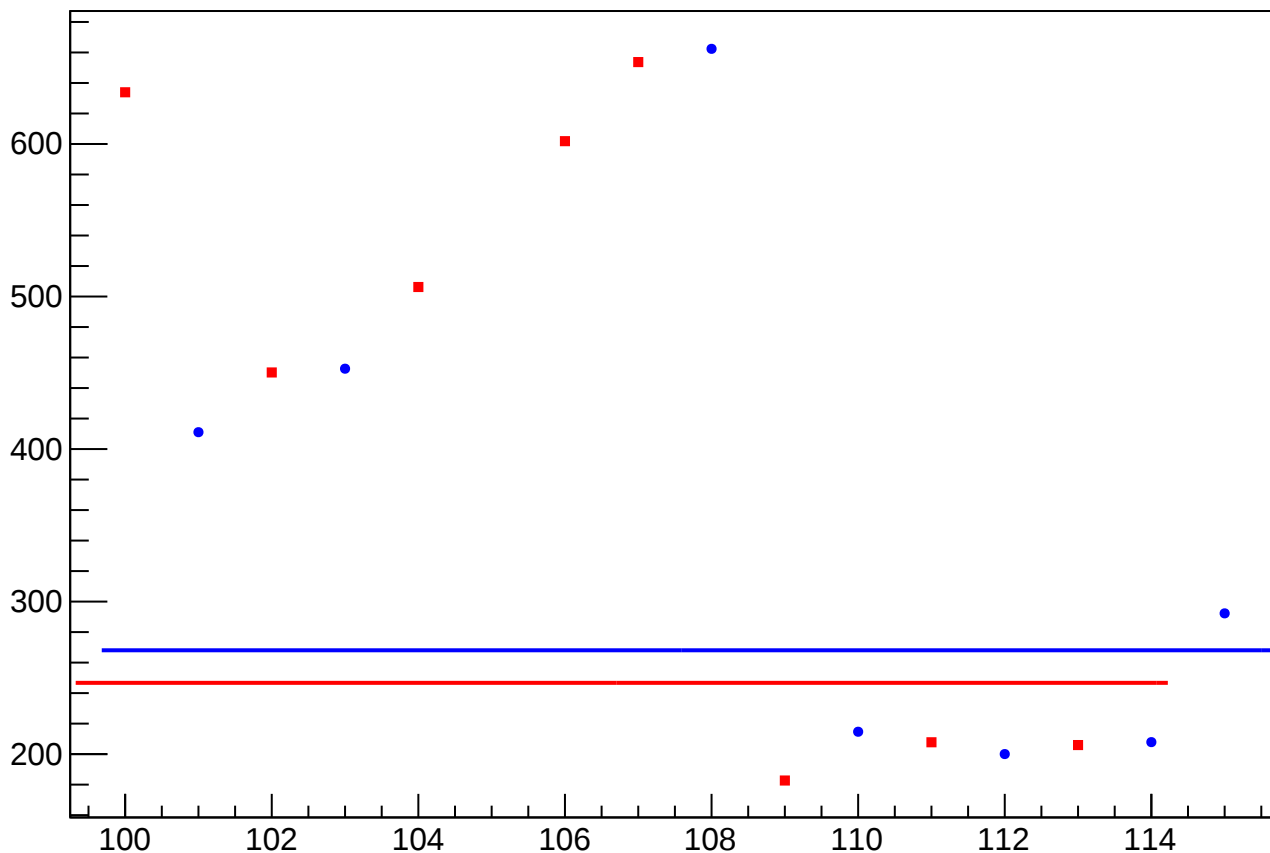
Right: -218.822+/-117.526 χ^2/NDF : 12.5/14

In: -55.208+/-179.767 χ^2/NDF : 6.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -218.822+/-117.526 χ^2/NDF : 12.5/14

asym_sam7_rms vs Slug, Sign Corrected



Right In: 268.075+/-0.127 χ^2/NDF : 773499.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 246.731+/-0.110 χ^2/NDF : 1201758.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

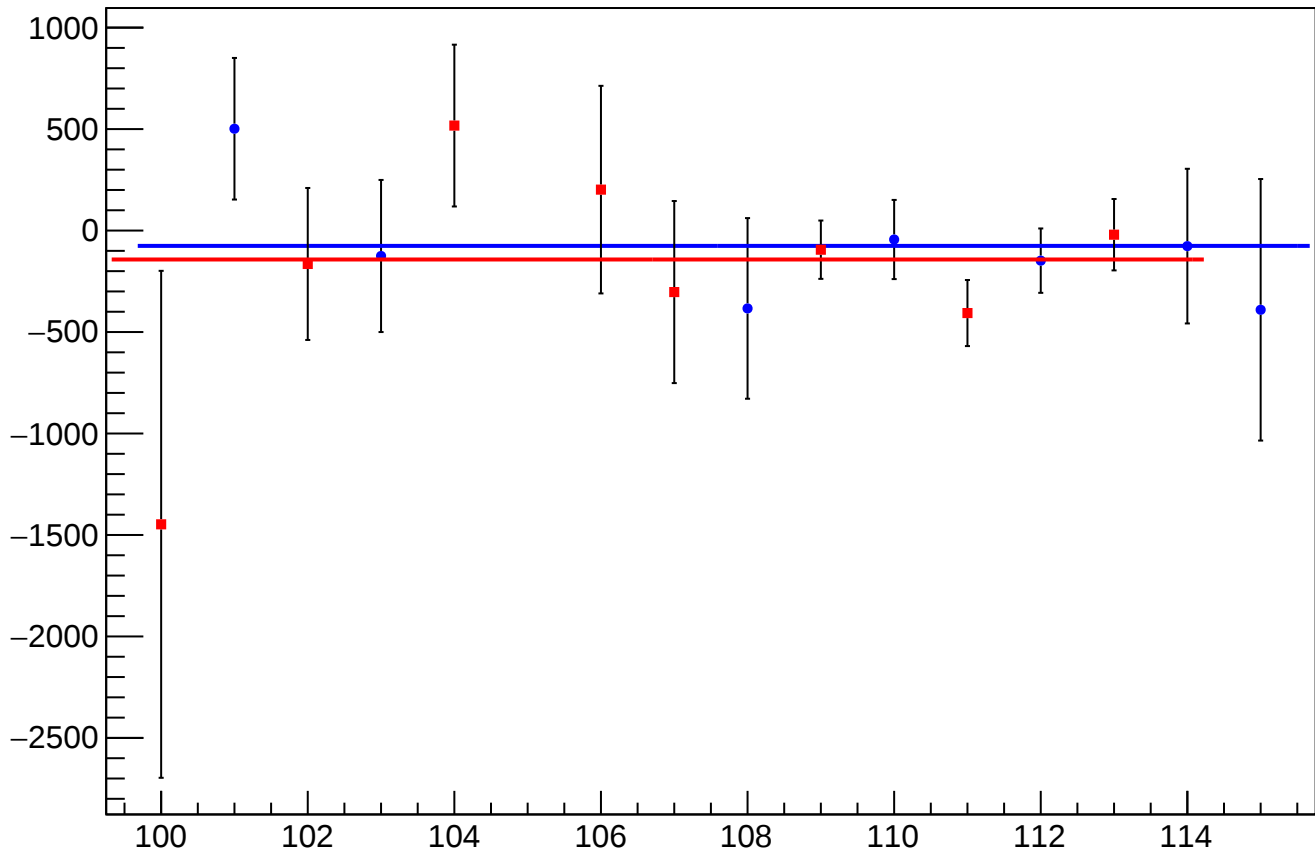
Right: 255.854+/-0.083 χ^2/NDF : 1991401.1/14

In: 268.075+/-0.127 χ^2/NDF : 773499.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 255.854+/-0.083 χ^2/NDF : 1991401.1/14

asym_sam8_mean vs Slug, Sign Corrected



Right In: -75.510 $\pm$ 102.209 χ^2 /NDF: 3.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -142.539 $\pm$ 84.102 χ^2 /NDF: 7.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

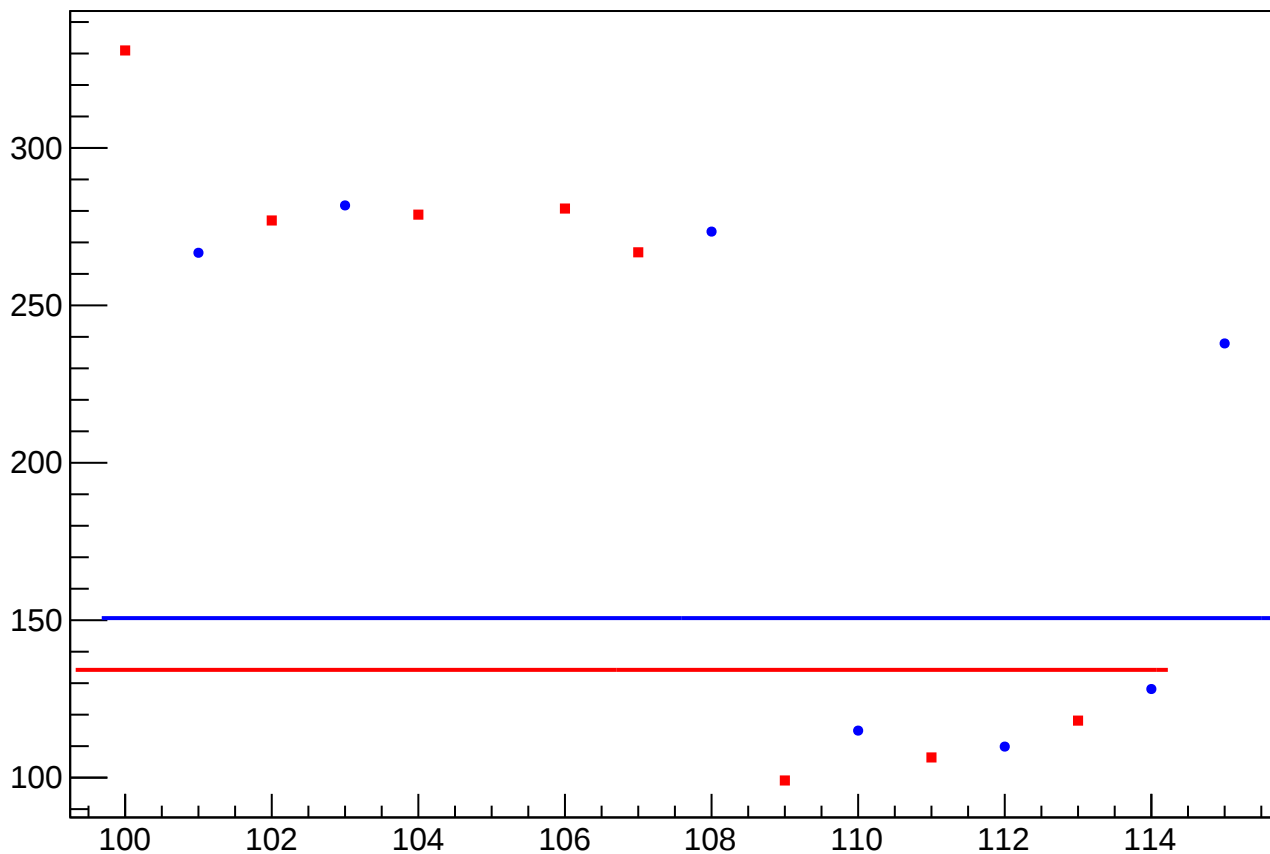
Right: -115.478 $\pm$ 64.942 χ^2 /NDF: 11.6/14

In: -75.510 $\pm$ 102.209 χ^2 /NDF:3.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -115.478 $\pm$ 64.942 χ^2 /NDF: 11.6/14

asym_sam8_rms vs Slug, Sign Corrected



Right In: 150.668+/-0.072 χ^2/NDF : 861366.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.229+/-0.059 χ^2/NDF : 1137184.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

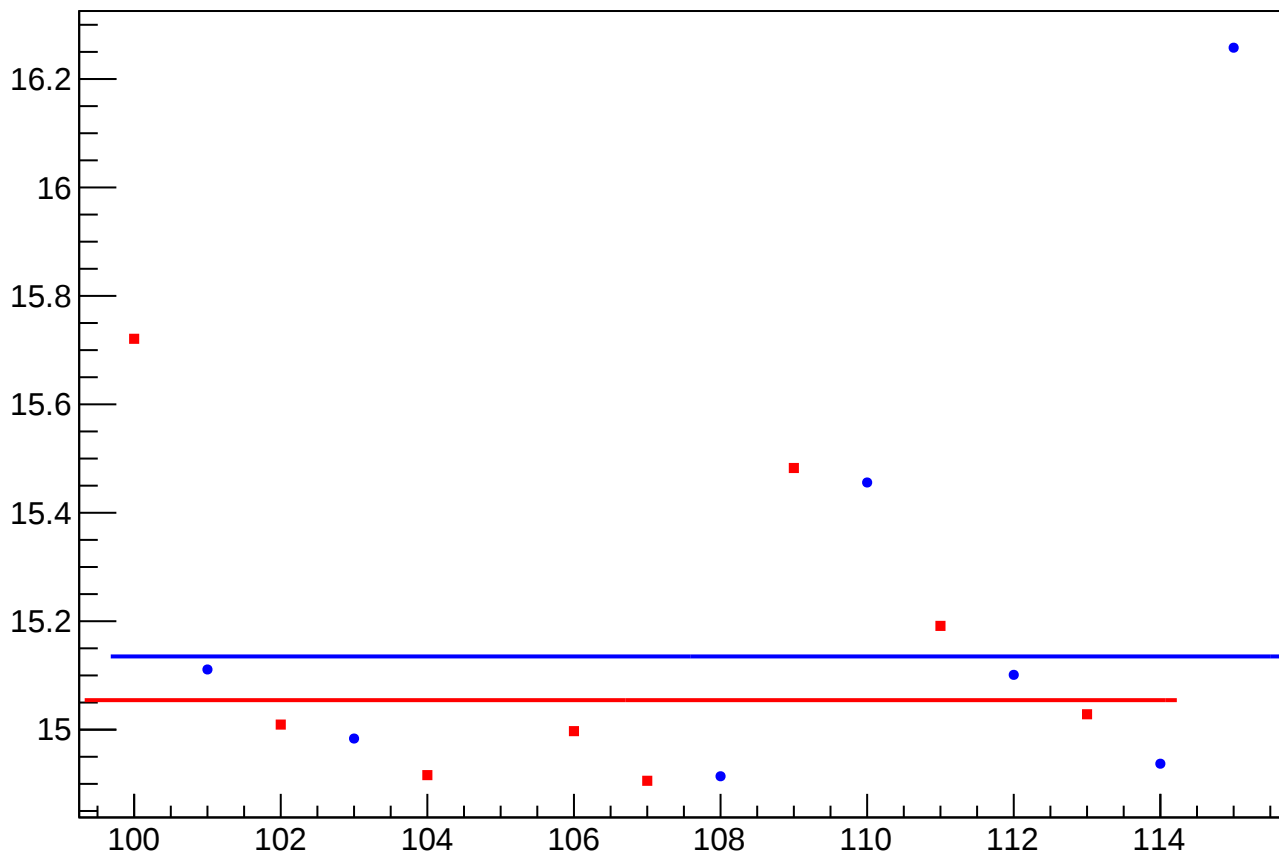
Right: 140.866+/-0.046 χ^2/NDF : 2029402.0/14

In: 150.668+/-0.072 χ^2/NDF : 861366.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.866+/-0.046 χ^2/NDF : 2029402.0/14

yield_sam1_mean vs Slug, Sign Corrected



Right In: 15.135+/-0.000 χ^2/NDF : 503873150.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.054+/-0.000 χ^2/NDF : 185900879.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

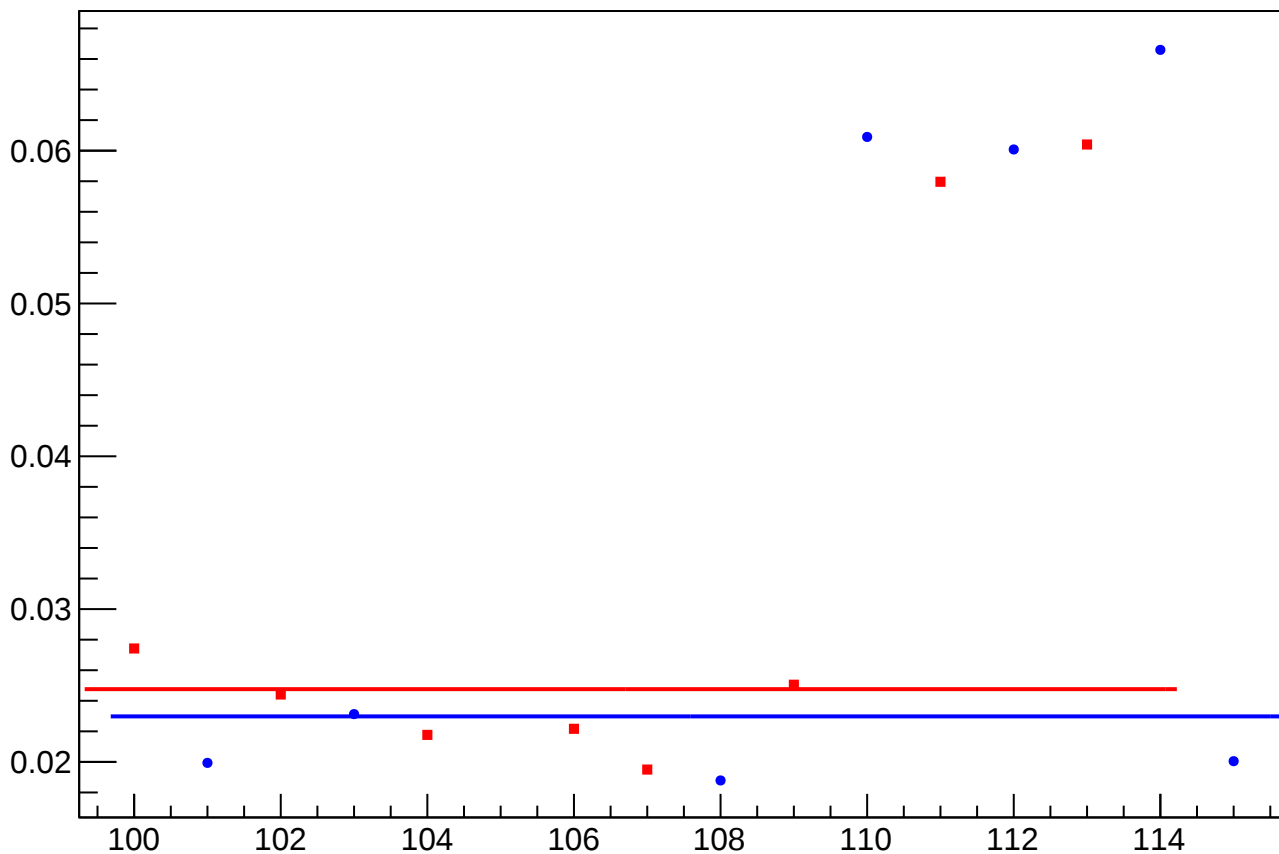
Right: 15.094+/-0.000 χ^2/NDF : 702526946.6/14

In: 15.135+/-0.000 χ^2/NDF : 503873150.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.094+/-0.000 χ^2/NDF : 702526946.6/14

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 741873.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.025+/-0.000 χ^2/NDF : 631079.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

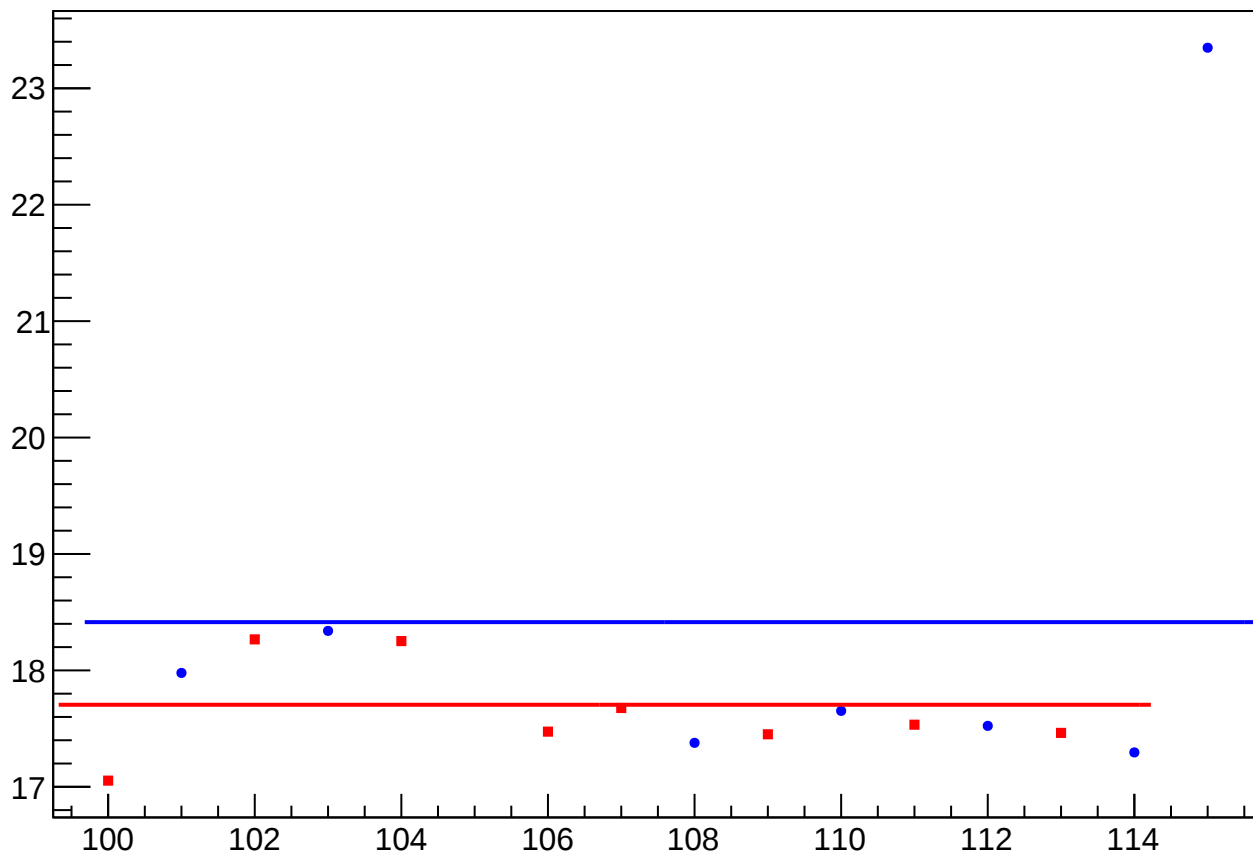
Right: 0.024+/-0.000 χ^2/NDF : 1385420.4/14

In: 0.023+/-0.000 χ^2/NDF : 741873.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1385420.4/14

yield_sam2_mean vs Slug, Sign Corrected



Right In: 18.415+/-0.000 χ^2/NDF : 146824965.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.705+/-0.000 χ^2/NDF : 5370862.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

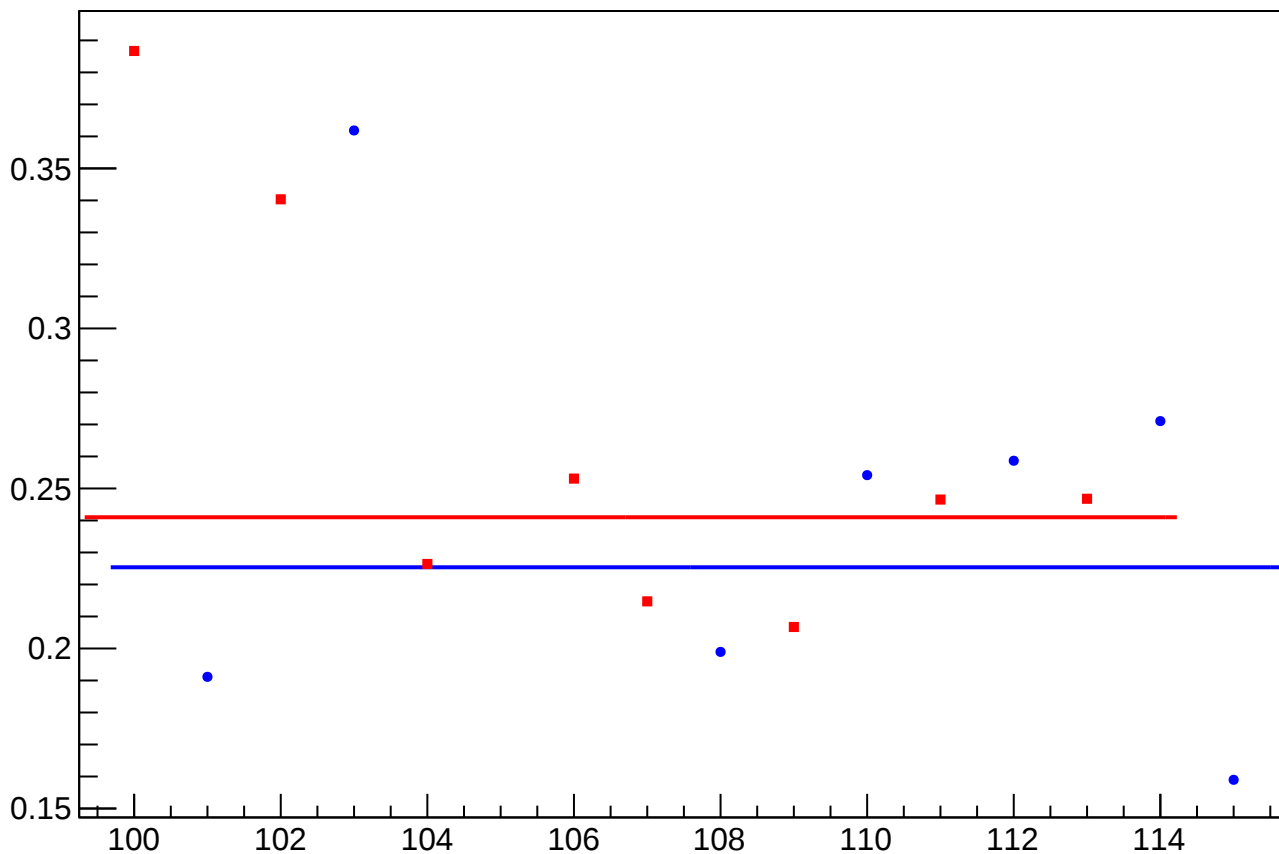
Right: 18.050+/-0.000 χ^2/NDF : 163506032.3/14

In: 18.415+/-0.000 χ^2/NDF : 146824965.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.050+/-0.000 χ^2/NDF : 163506032.3/14

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.225+/-0.000 χ^2/NDF : 276286.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.241+/-0.000 χ^2/NDF : 144380.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

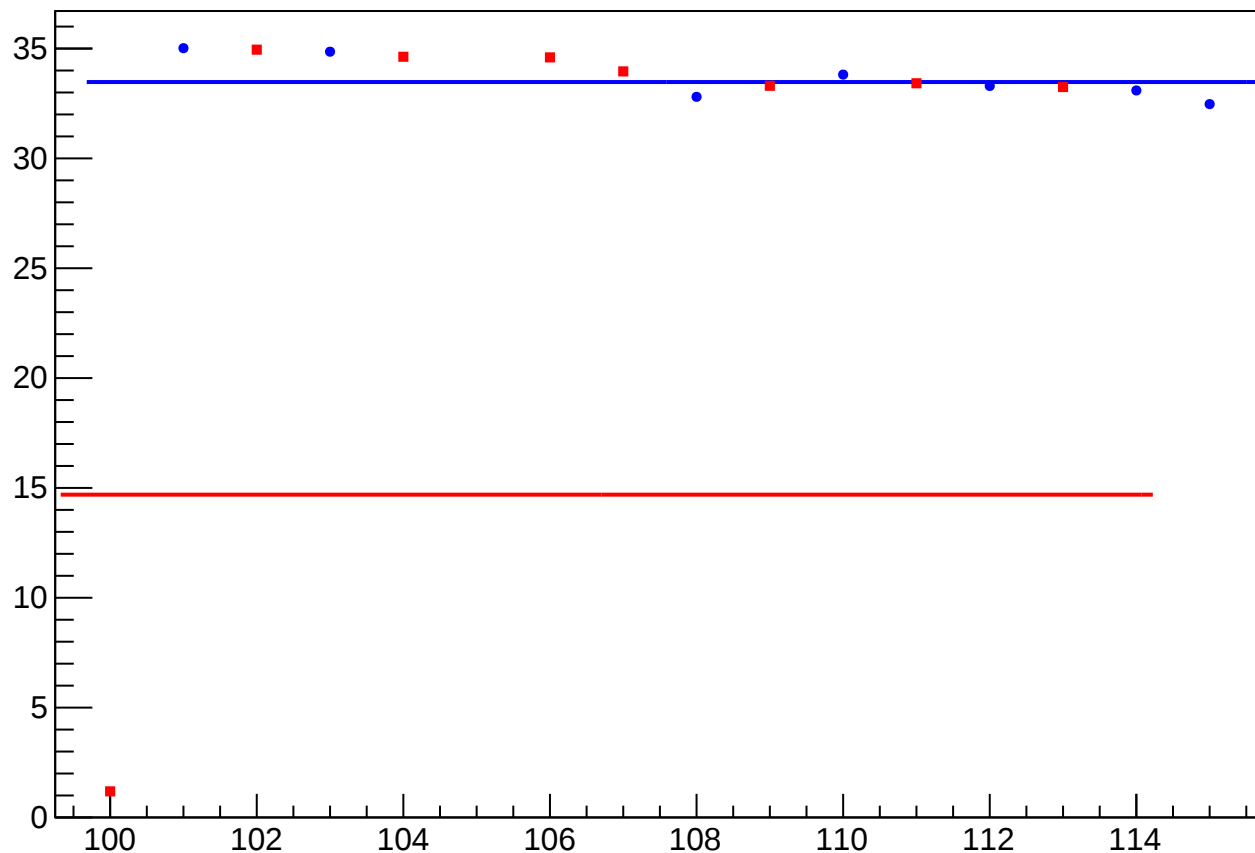
Right: 0.233+/-0.000 χ^2/NDF : 431637.7/14

In: 0.225+/-0.000 χ^2/NDF : 276286.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.233+/-0.000 χ^2/NDF : 431637.7/14

yield_sam3_mean vs Slug, Sign Corrected



Right In: 33.476+/-0.000 χ^2/NDF : 94079668.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.693+/-0.000 χ^2/NDF : 155296794605.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

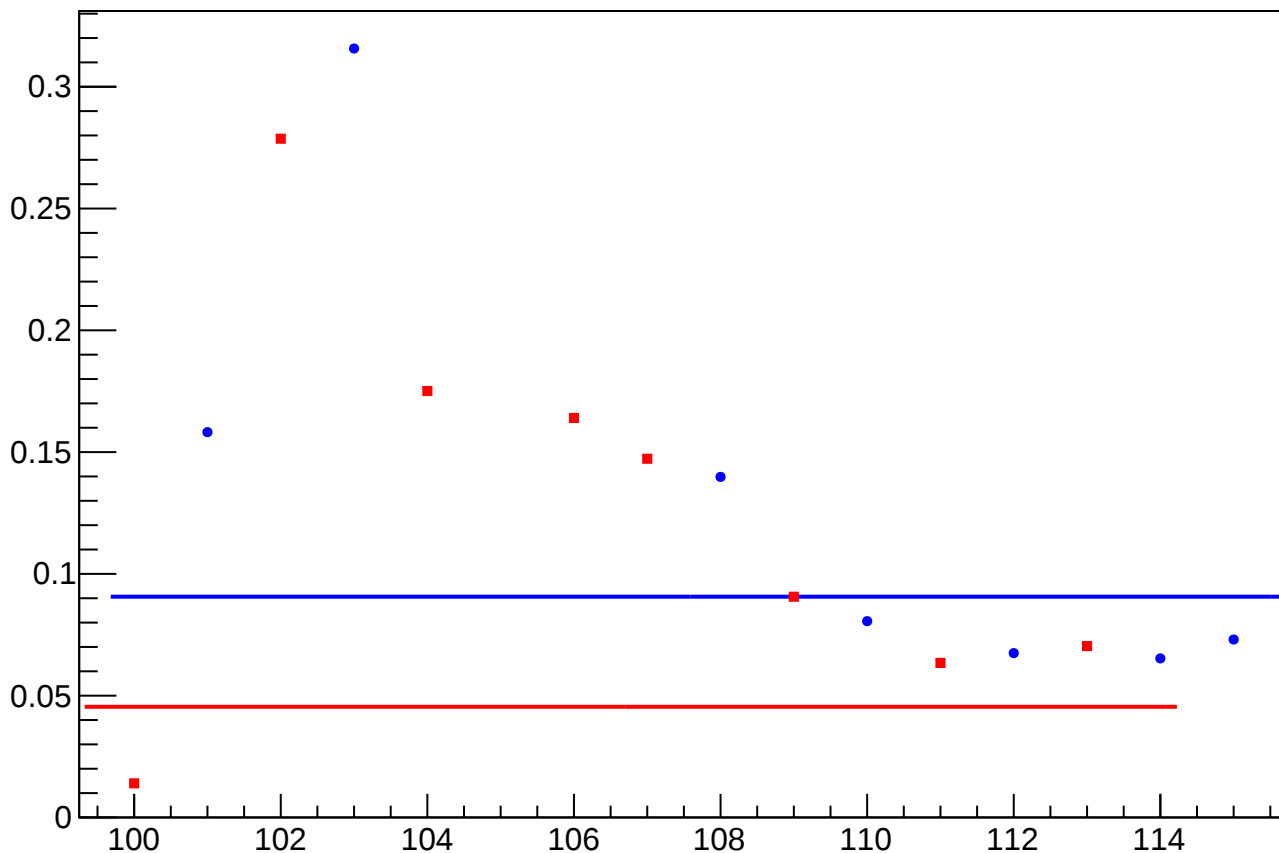
Right: 19.542+/-0.000 χ^2/NDF : 211041193282.3/14

In: 33.476+/-0.000 χ^2/NDF : 94079668.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.542+/-0.000 χ^2/NDF : 211041193282.3/14

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.091+/-0.000 χ^2/NDF : 961550.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.045+/-0.000 χ^2/NDF : 2665406.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

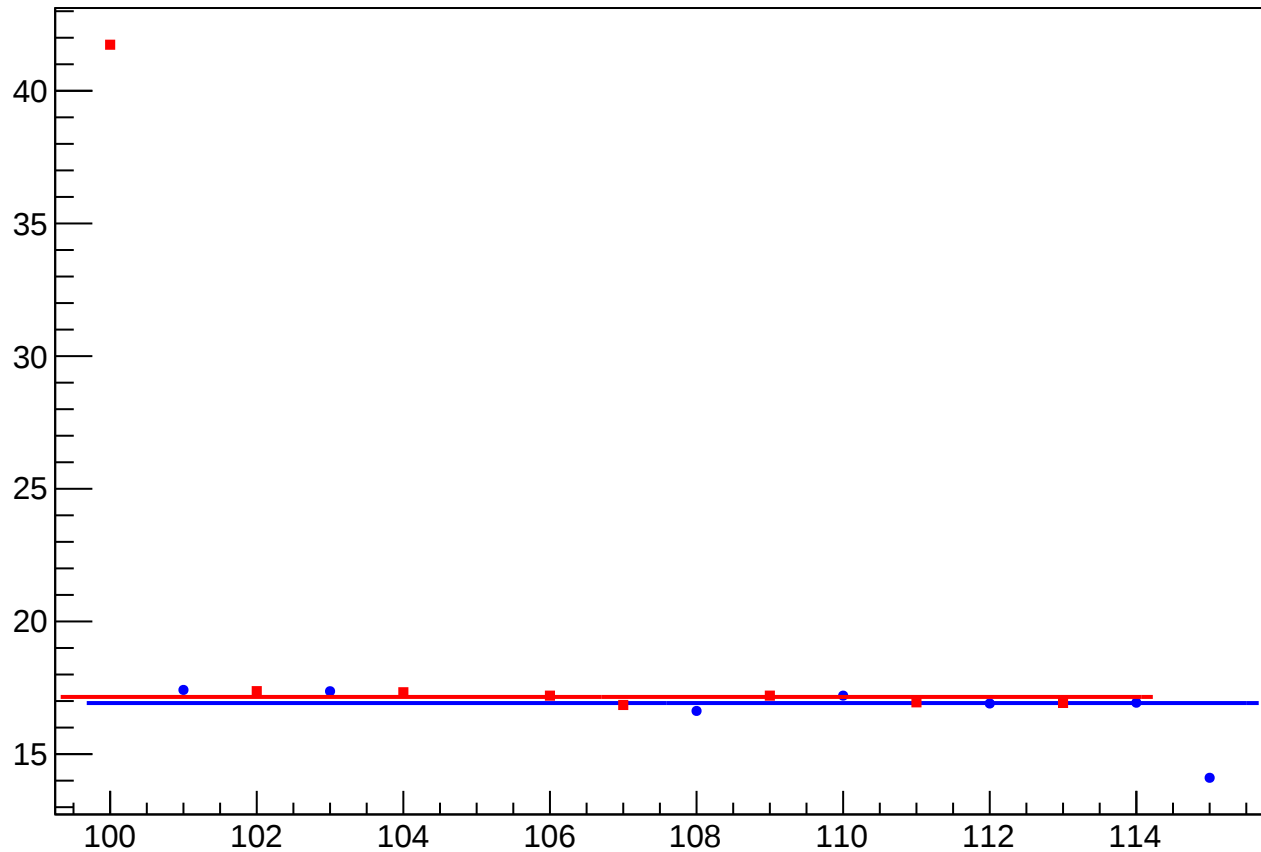
Right: 0.057+/-0.000 χ^2/NDF : 4271453.9/14

In: 0.091+/-0.000 χ^2/NDF : 961550.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.057+/-0.000 χ^2/NDF : 4271453.9/14

yield_sam4_mean vs Slug, Sign Corrected



Right In: 16.925+/-0.000 χ^2/NDF : 108572723.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.155+/-0.000 χ^2/NDF : 204909748.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

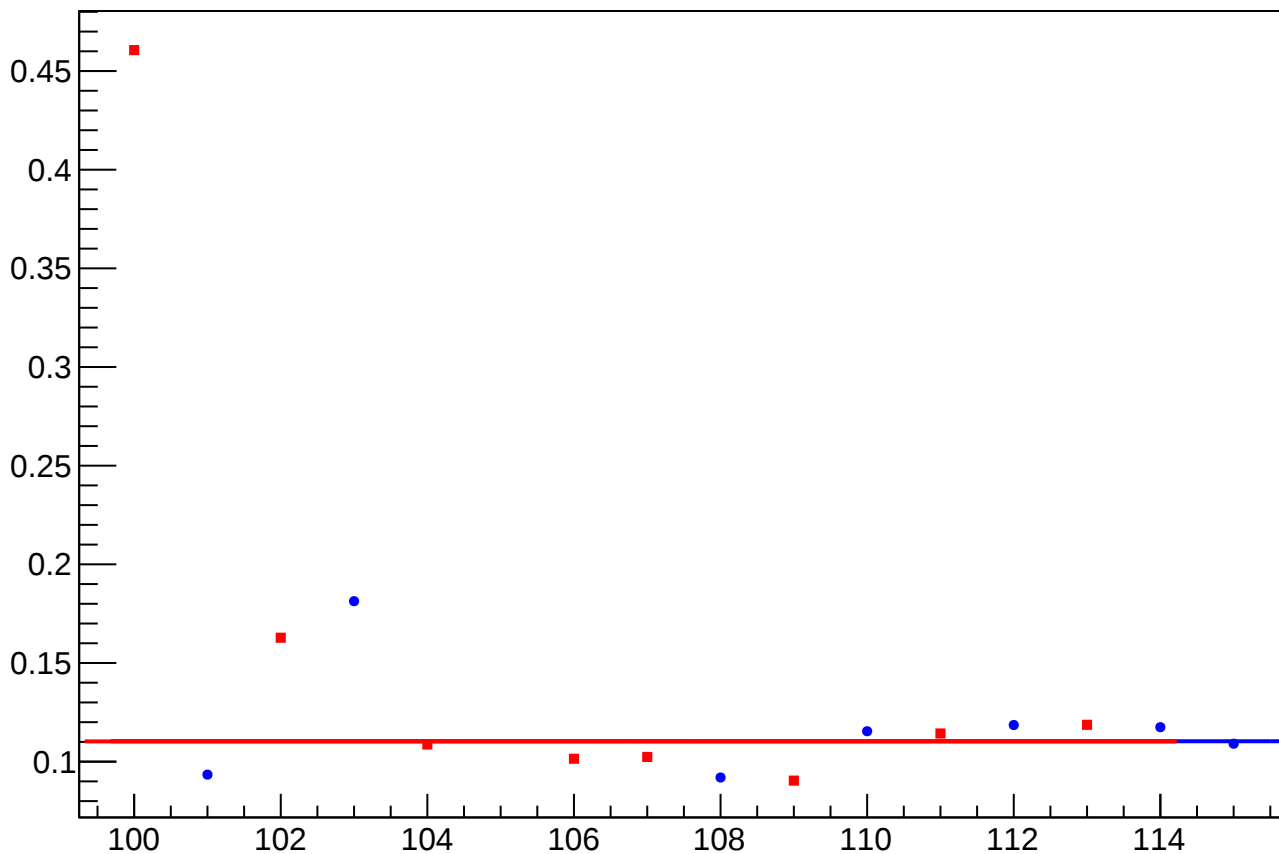
Right: 17.049+/-0.000 χ^2/NDF : 318734481.8/14

In: 16.925+/-0.000 χ^2/NDF : 108572723.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.049+/-0.000 χ^2/NDF : 318734481.8/14

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.110+/-0.000 χ^2/NDF : 235216.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.110+/-0.000 χ^2/NDF : 237874.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

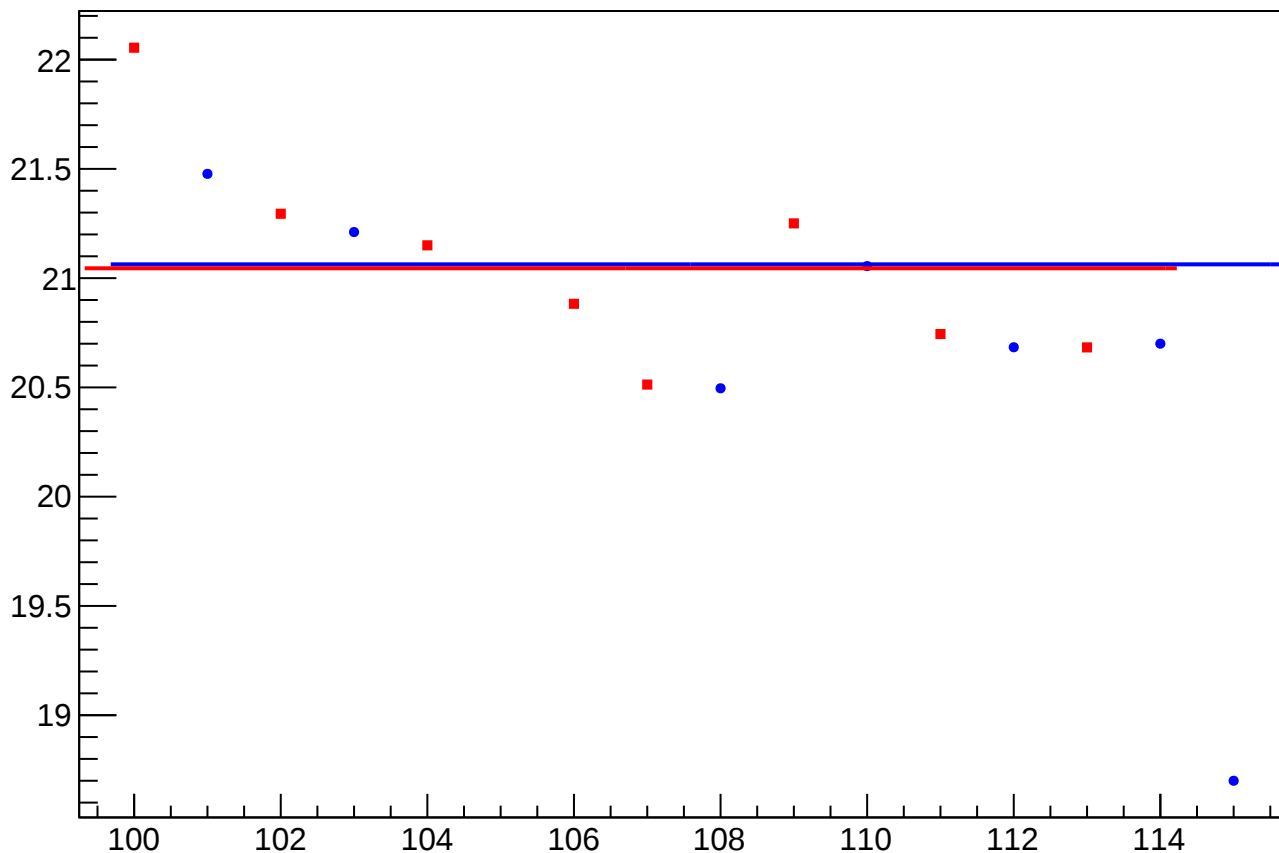
Right: 0.110+/-0.000 χ^2/NDF : 473091.2/14

In: 0.110+/-0.000 χ^2/NDF : 235216.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.110+/-0.000 χ^2/NDF : 473091.2/14

yield_sam5_mean vs Slug, Sign Corrected



Right In: 21.063+/-0.000 χ^2/NDF : 624834525.6/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 21.045+/-0.000 χ^2/NDF : 358209533.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

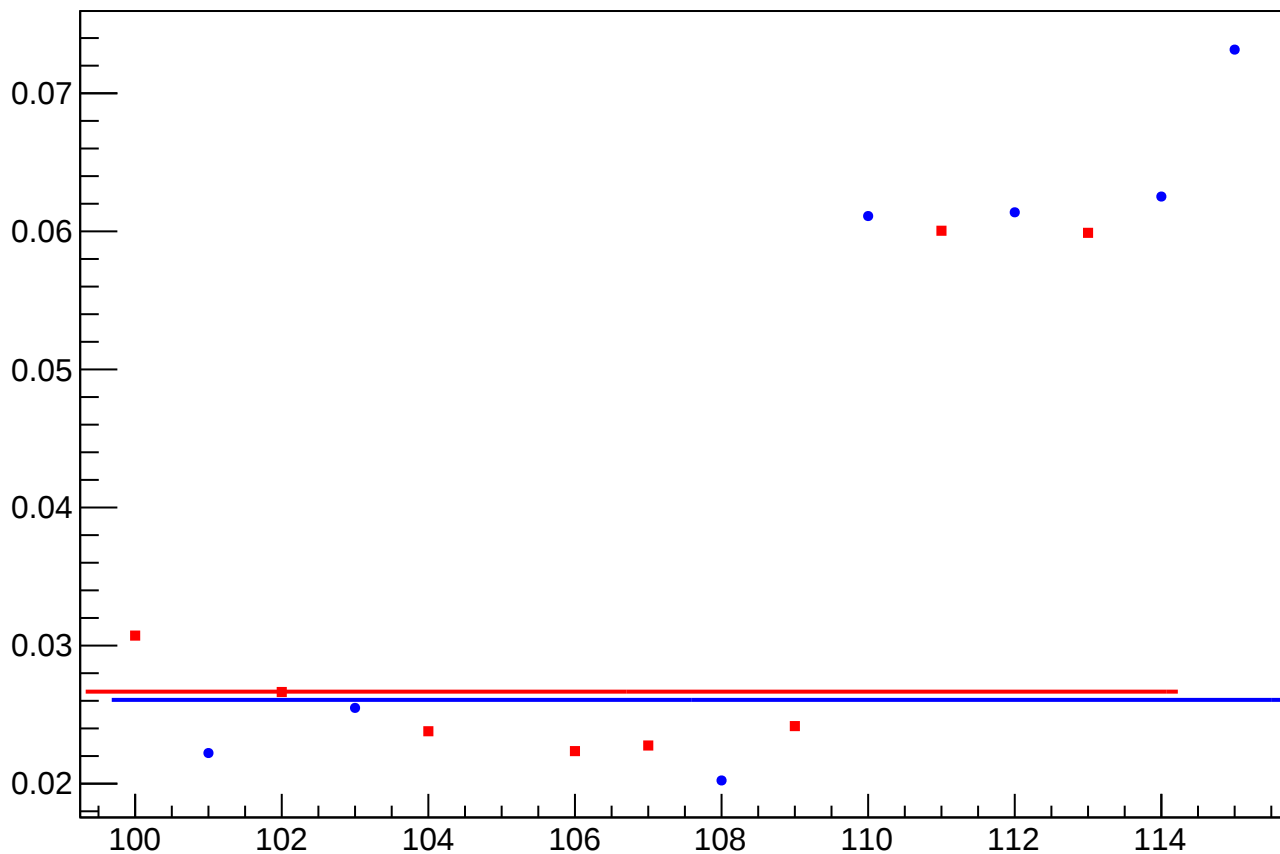
Right: 21.053+/-0.000 χ^2/NDF : 983564423.6/14

In: 21.063+/-0.000 χ^2/NDF :624834525.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 21.053+/-0.000 χ^2/NDF : 983564423.6/14

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.026+/-0.000 χ^2/NDF : 775308.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.027+/-0.000 χ^2/NDF : 570028.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

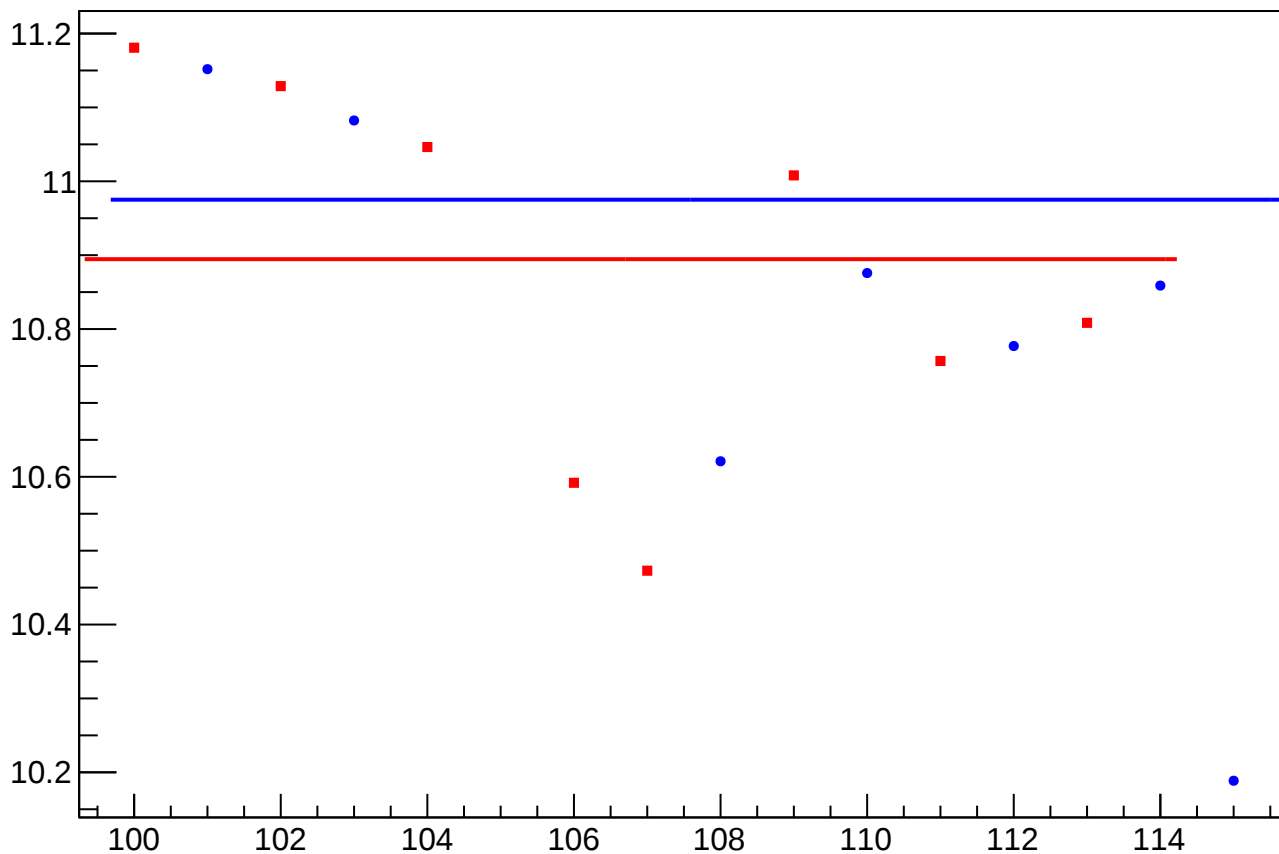
Right: 0.026+/-0.000 χ^2/NDF : 1346476.8/14

In: 0.026+/-0.000 χ^2/NDF : 775308.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.026+/-0.000 χ^2/NDF : 1346476.8/14

yield_sam6_mean vs Slug, Sign Corrected



Right In: 10.975+/-0.000 χ^2/NDF : 789105512.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.895+/-0.000 χ^2/NDF : 859379061.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

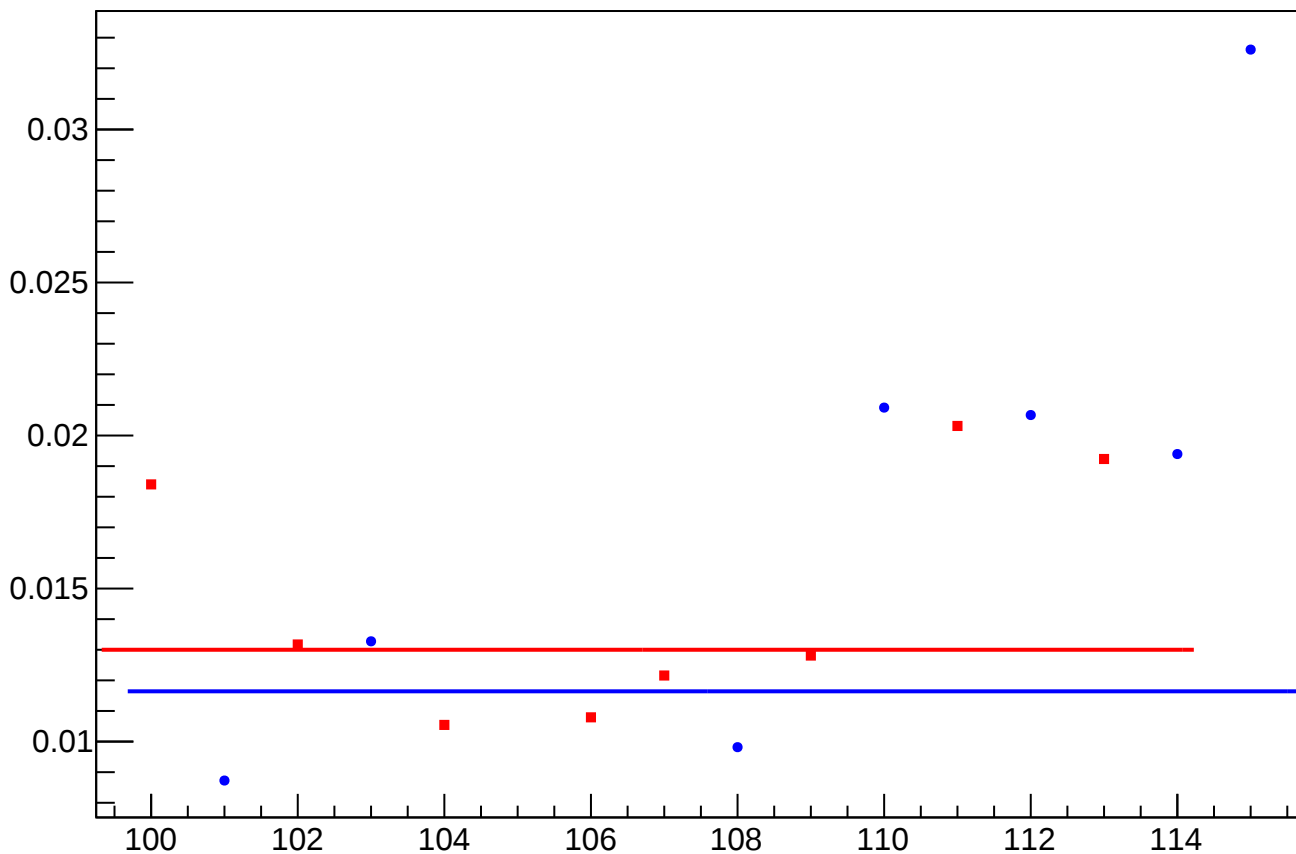
Right: 10.935+/-0.000 χ^2/NDF : 1699004010.5/14

In: 10.975+/-0.000 χ^2/NDF : 789105512.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.935+/-0.000 χ^2/NDF : 1699004010.5/14

yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 596496.8/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 278174.3/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

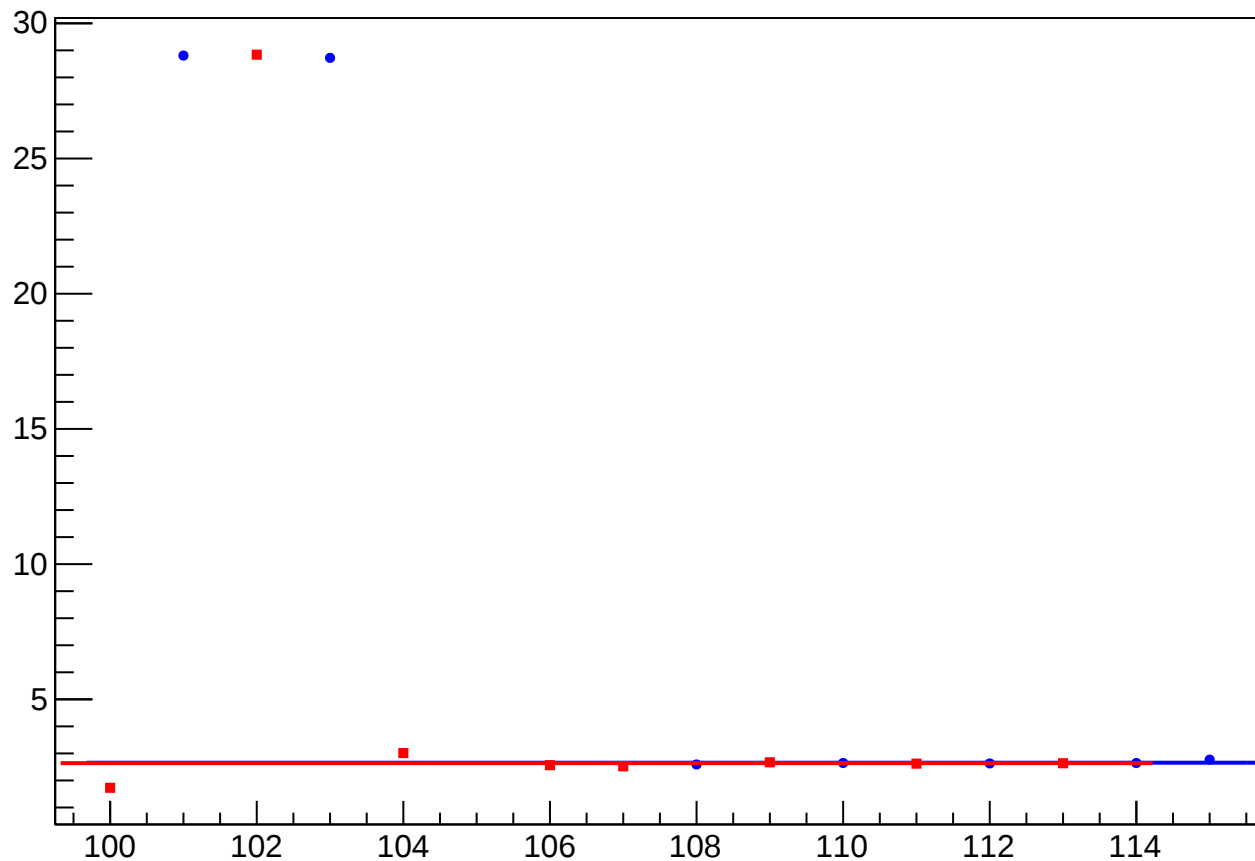
Right: 0.012+/-0.000 χ^2/NDF : 903425.1/14

In: 0.012+/-0.000 χ^2/NDF :596496.8/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 903425.1/14

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.657+/-0.000 χ^2/NDF : 160265927085.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.642+/-0.000 χ^2/NDF : 66796950118.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

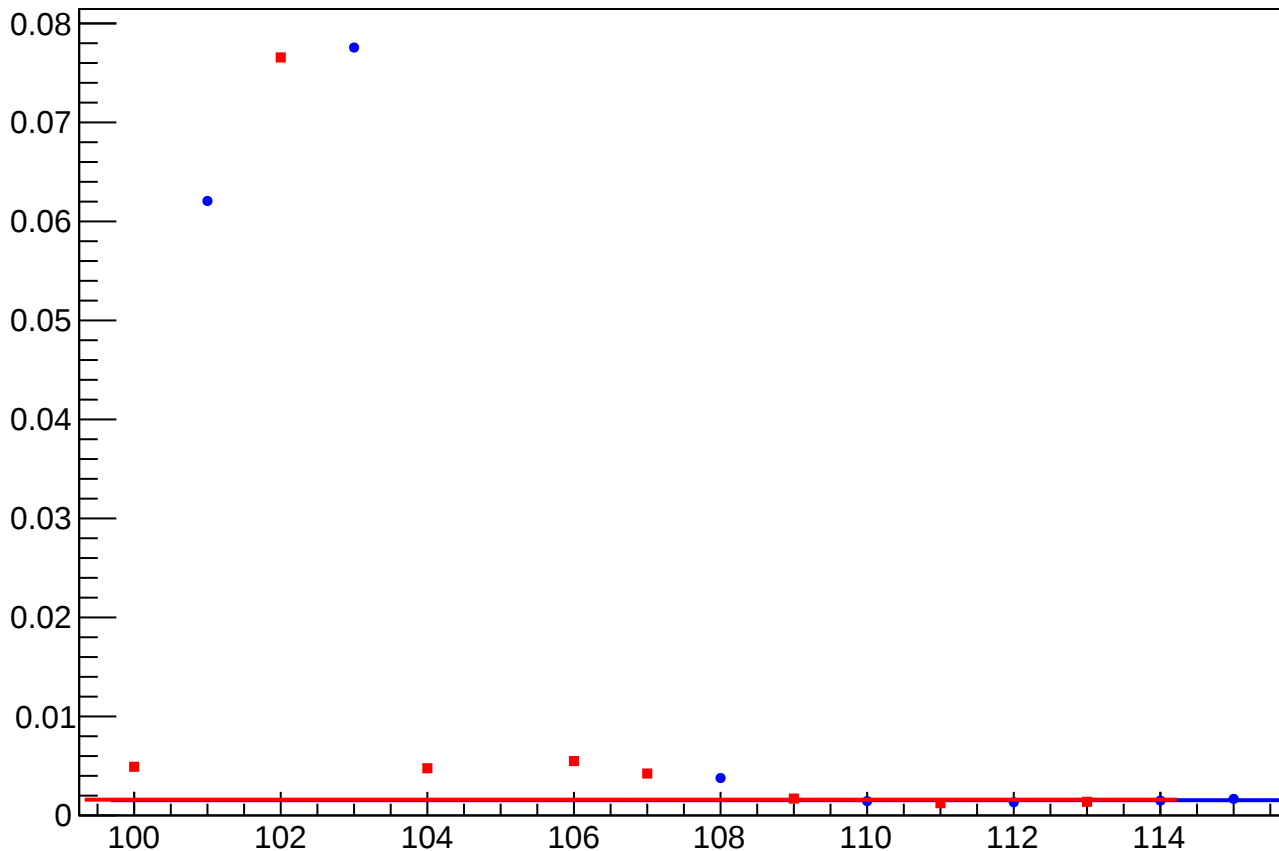
Right: 2.648+/-0.000 χ^2/NDF : 227133894808.4/14

In: 2.657+/-0.000 χ^2/NDF : 160265927085.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.648+/-0.000 χ^2/NDF : 227133894808.4

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2349315.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1879589.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

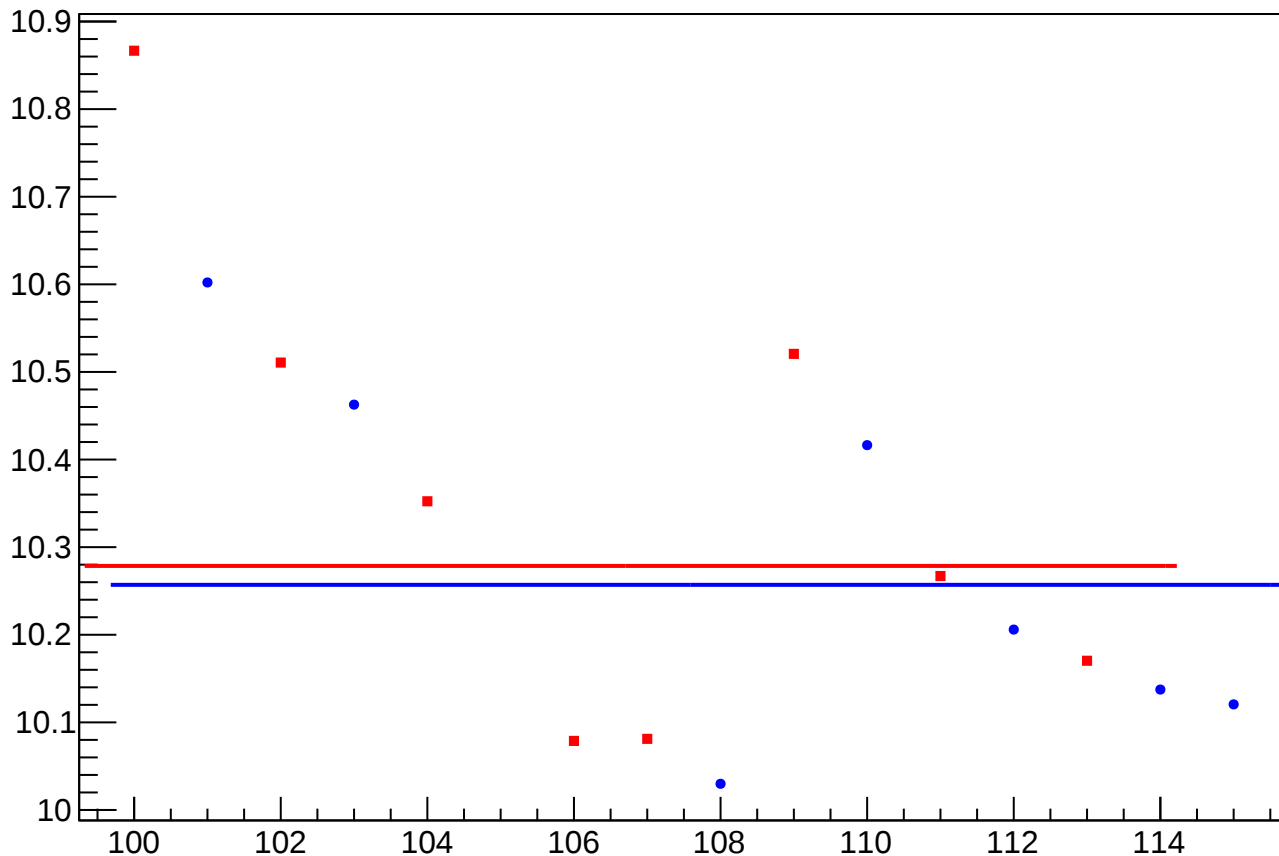
Right: 0.002+/-0.000 χ^2/NDF : 4230697.3/14

In: 0.002+/-0.000 χ^2/NDF :2349315.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4230697.3/14

yield_sam8_mean vs Slug, Sign Corrected



Right In: 10.257+/-0.000 χ^2/NDF : 1832737256.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.279+/-0.000 χ^2/NDF : 1966949804.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

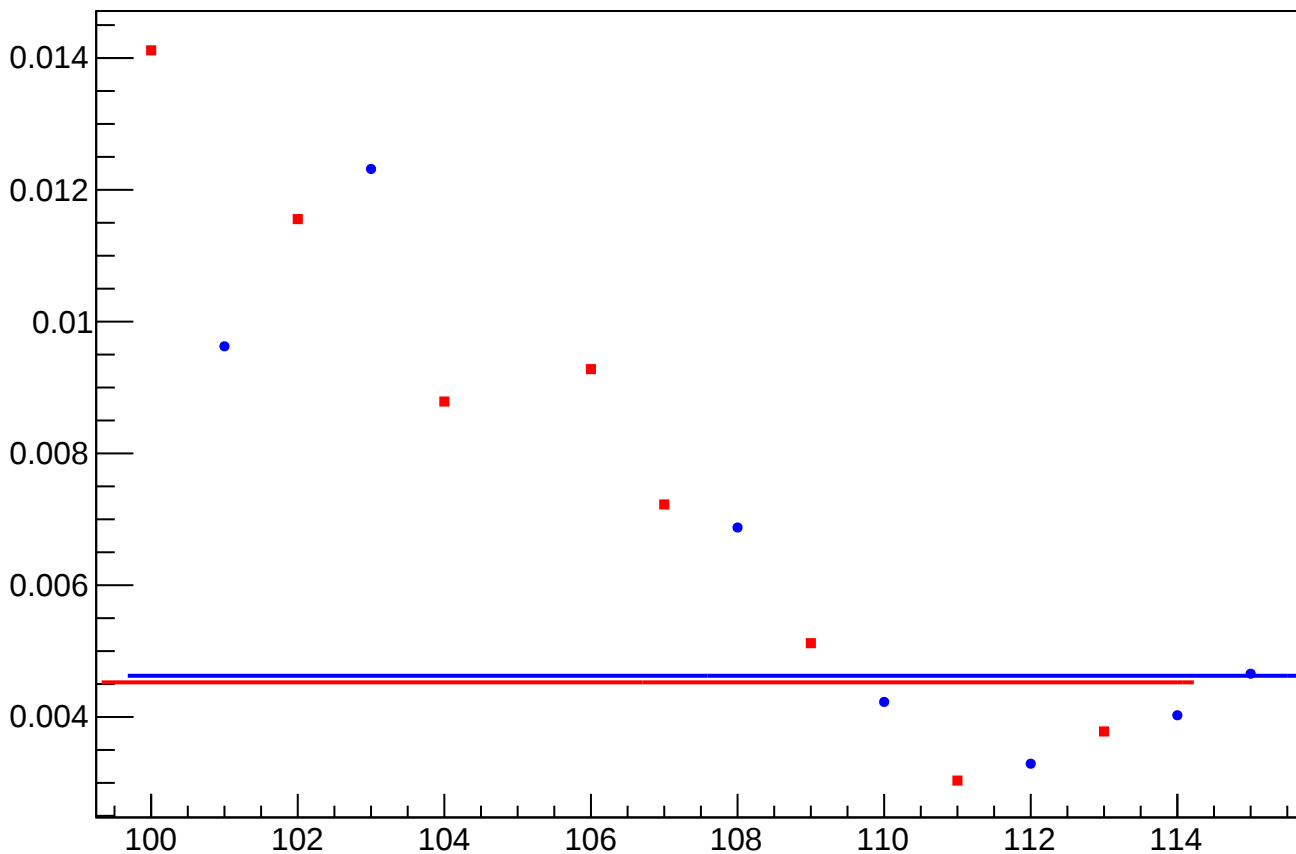
Right: 10.269+/-0.000 χ^2/NDF : 3822315827.2/14

In: 10.257+/-0.000 χ^2/NDF : 1832737256.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.269+/-0.000 χ^2/NDF : 3822315827.2/14

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 913940.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1083852.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

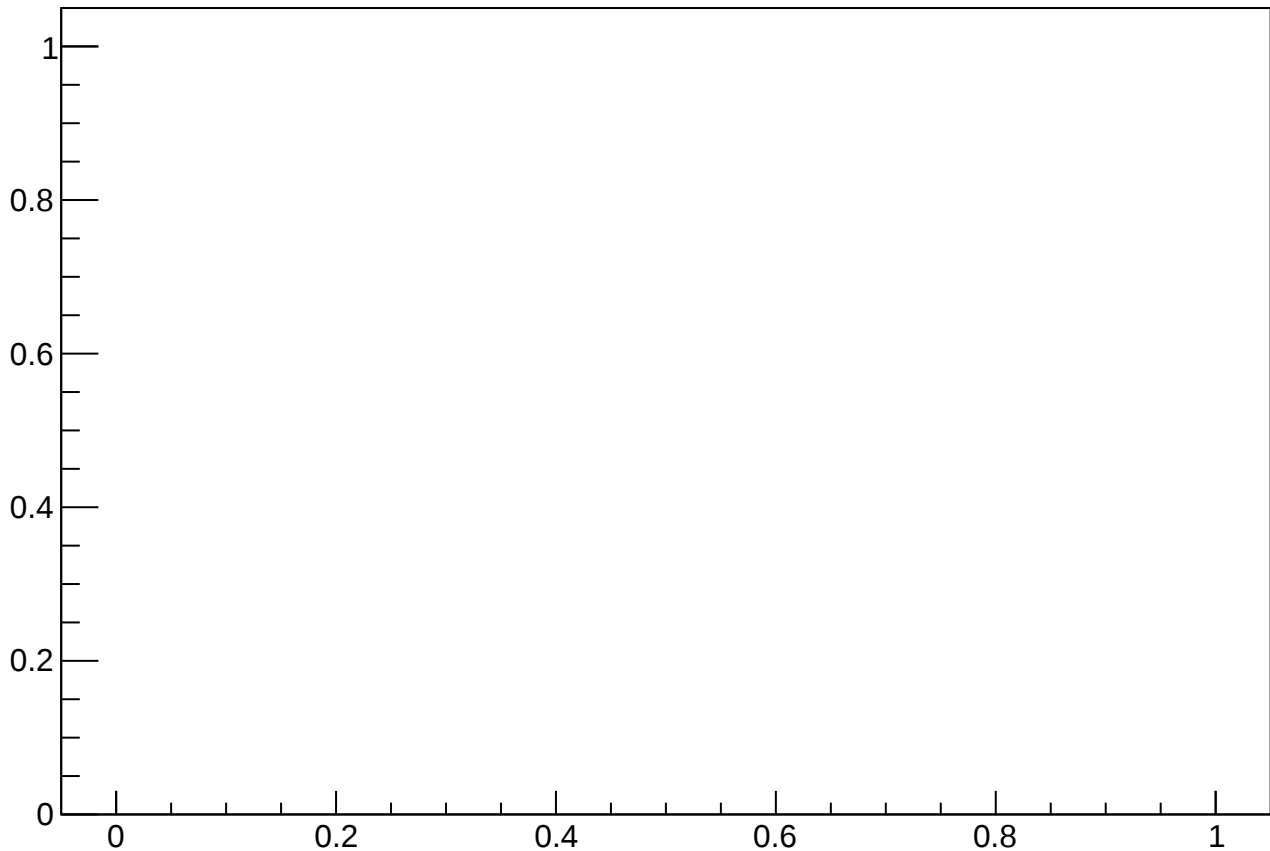
Right: 0.005+/-0.000 χ^2/NDF : 1998758.1/14

In: 0.005+/-0.000 χ^2/NDF : 913940.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1998758.1/14

cor_sam1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

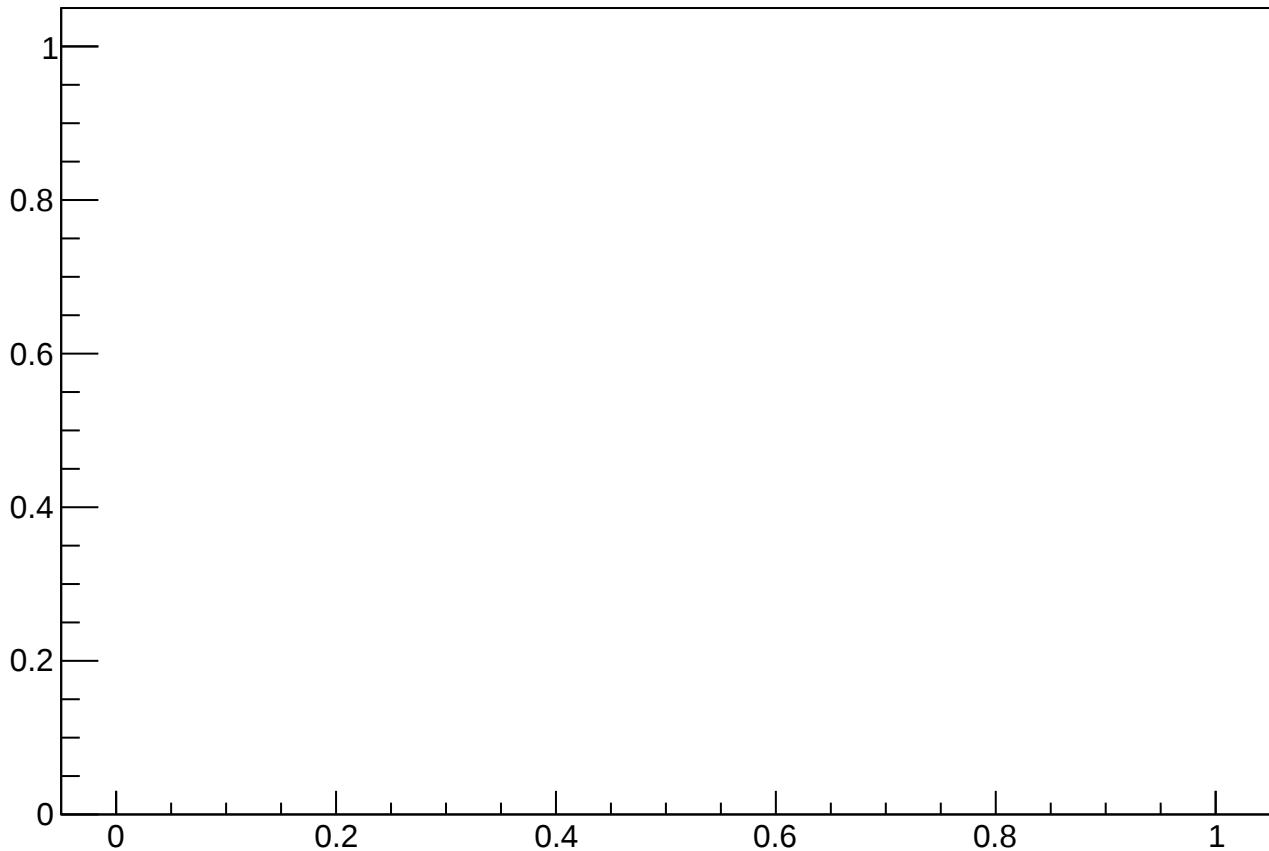
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

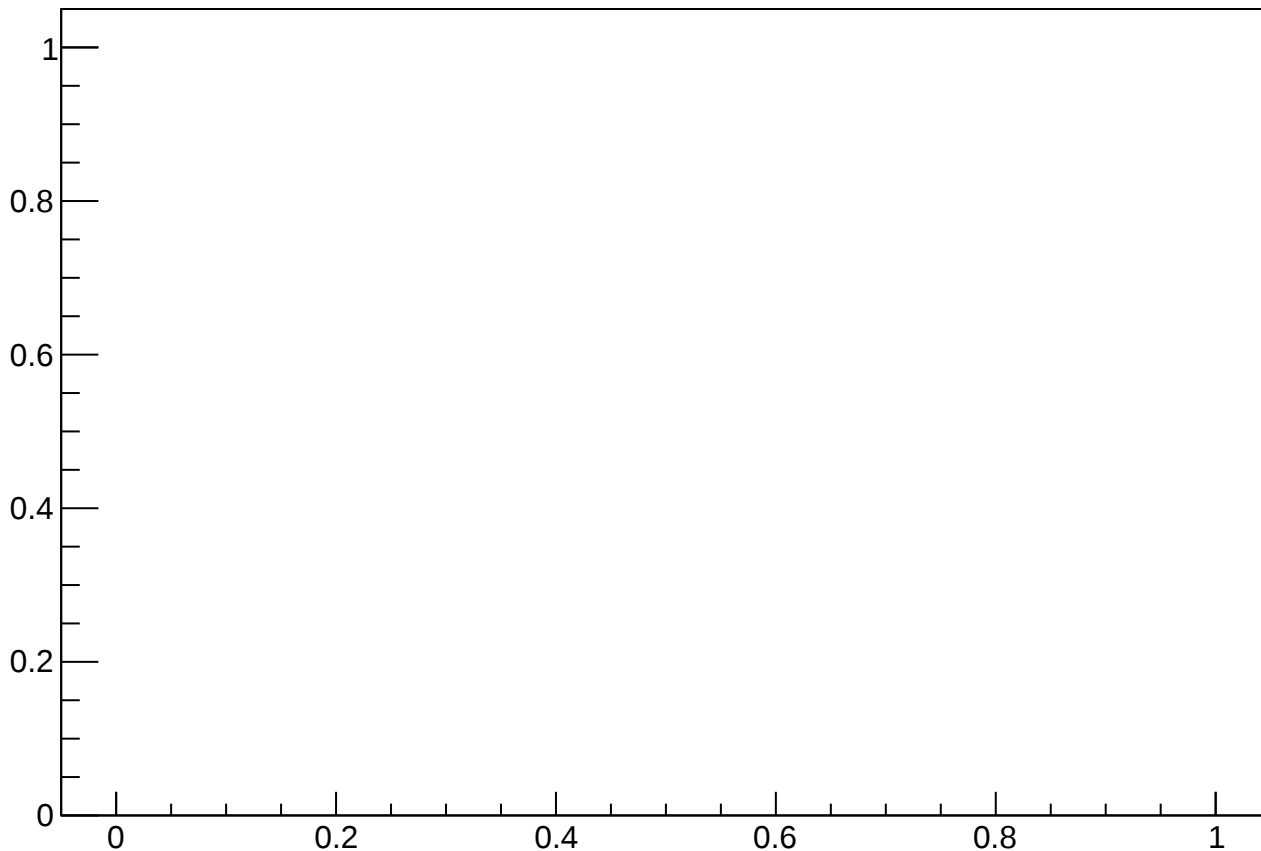
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

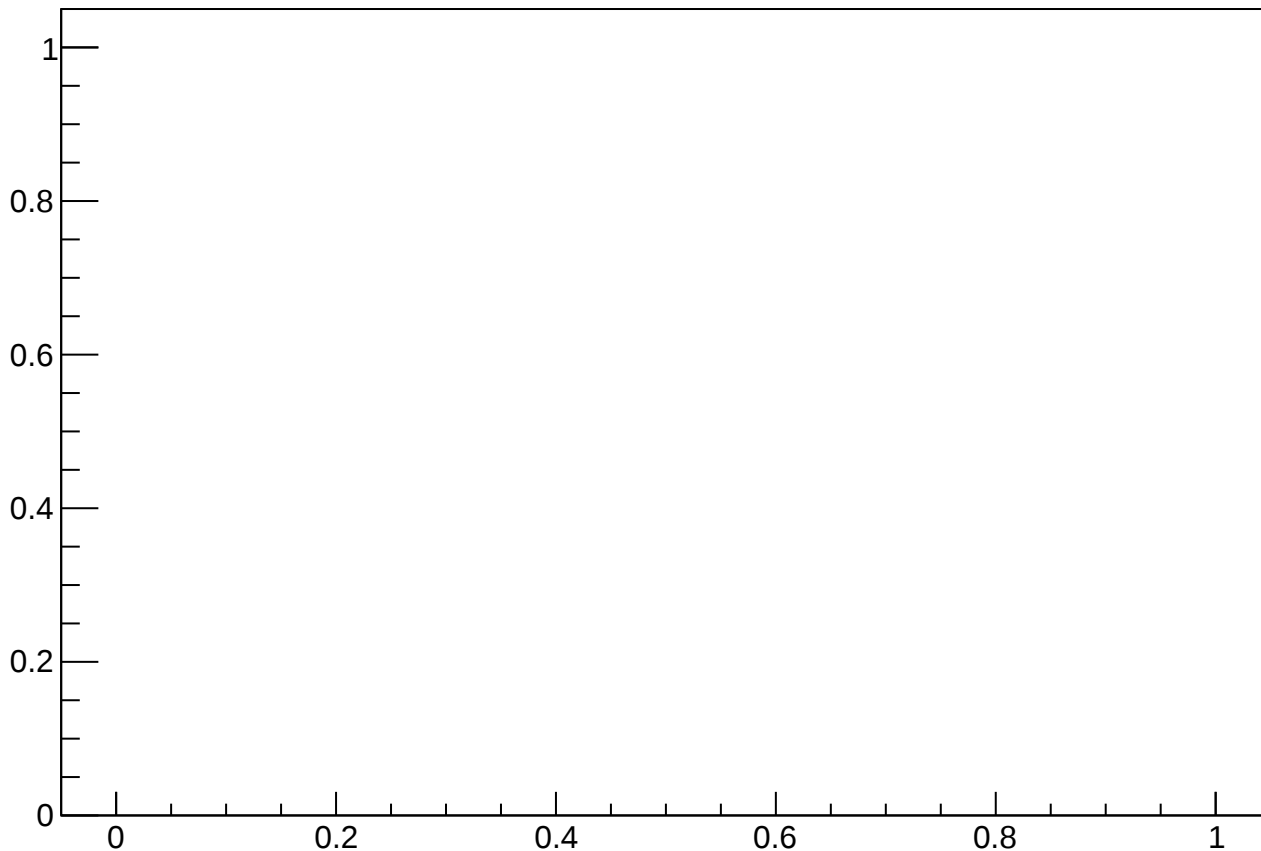
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam3_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam4_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_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

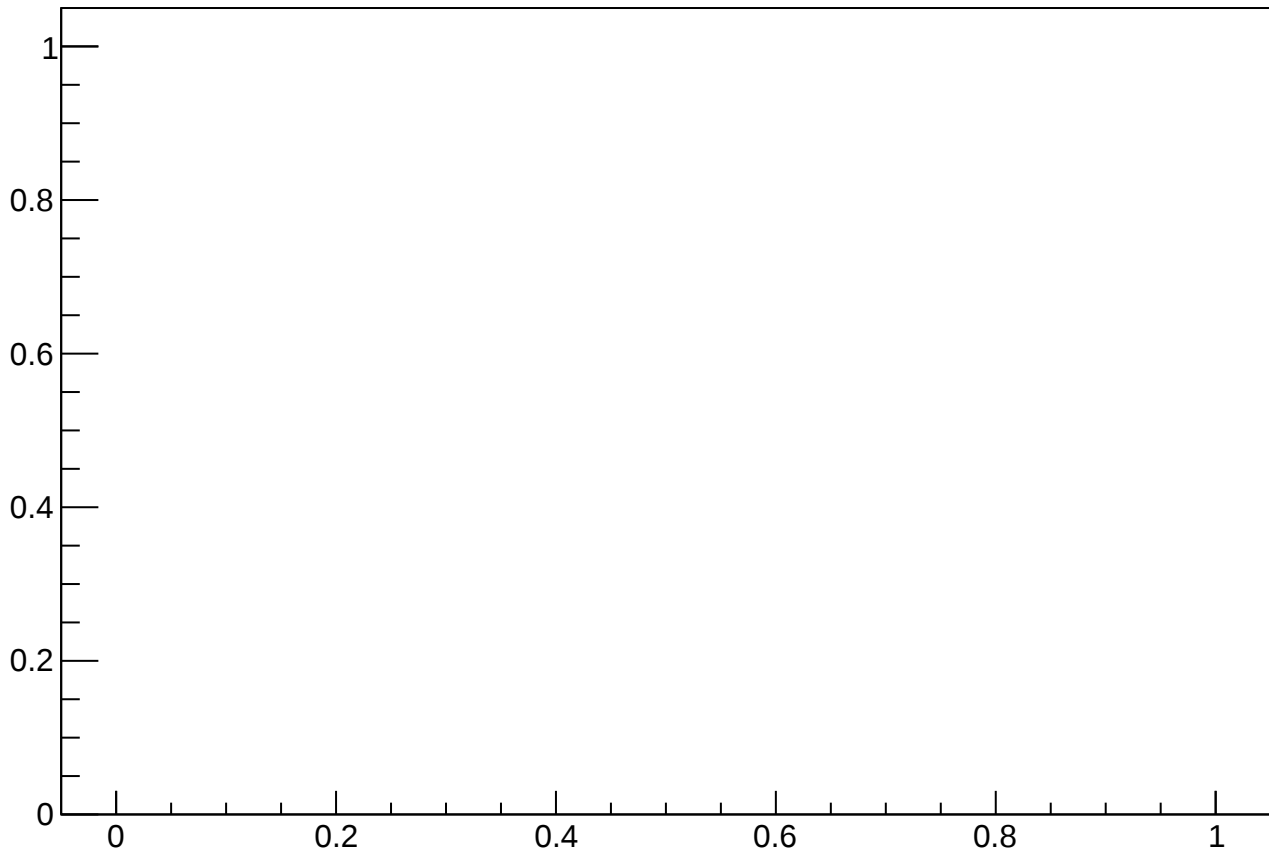
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

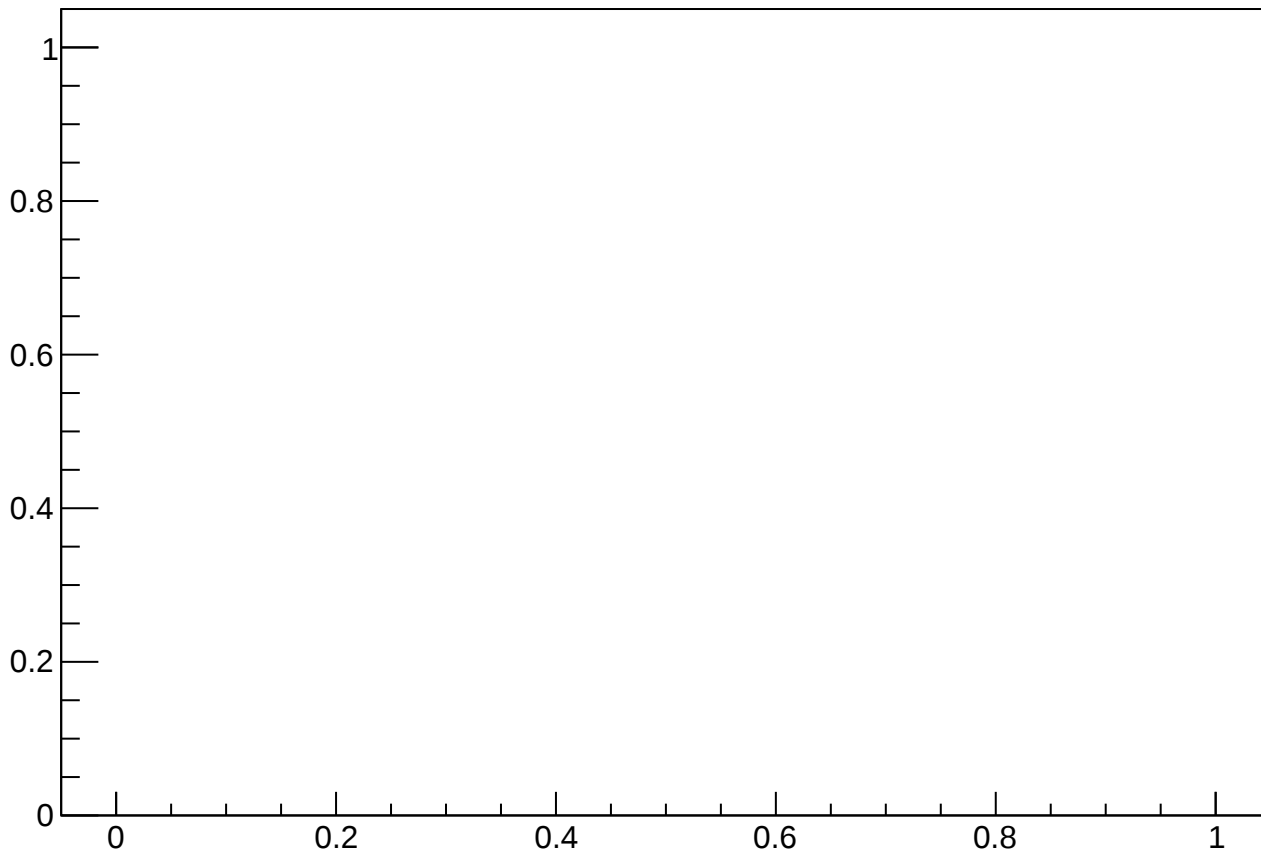
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

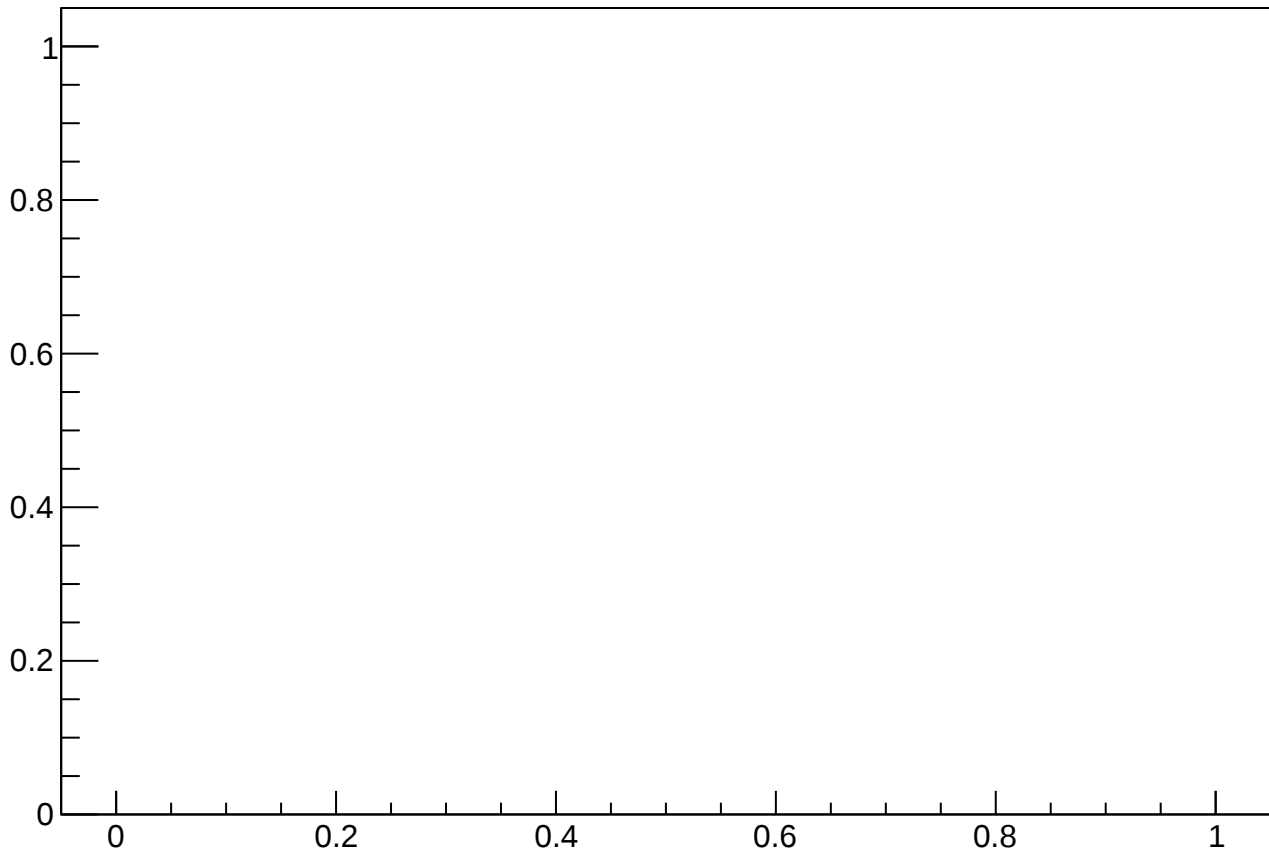
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

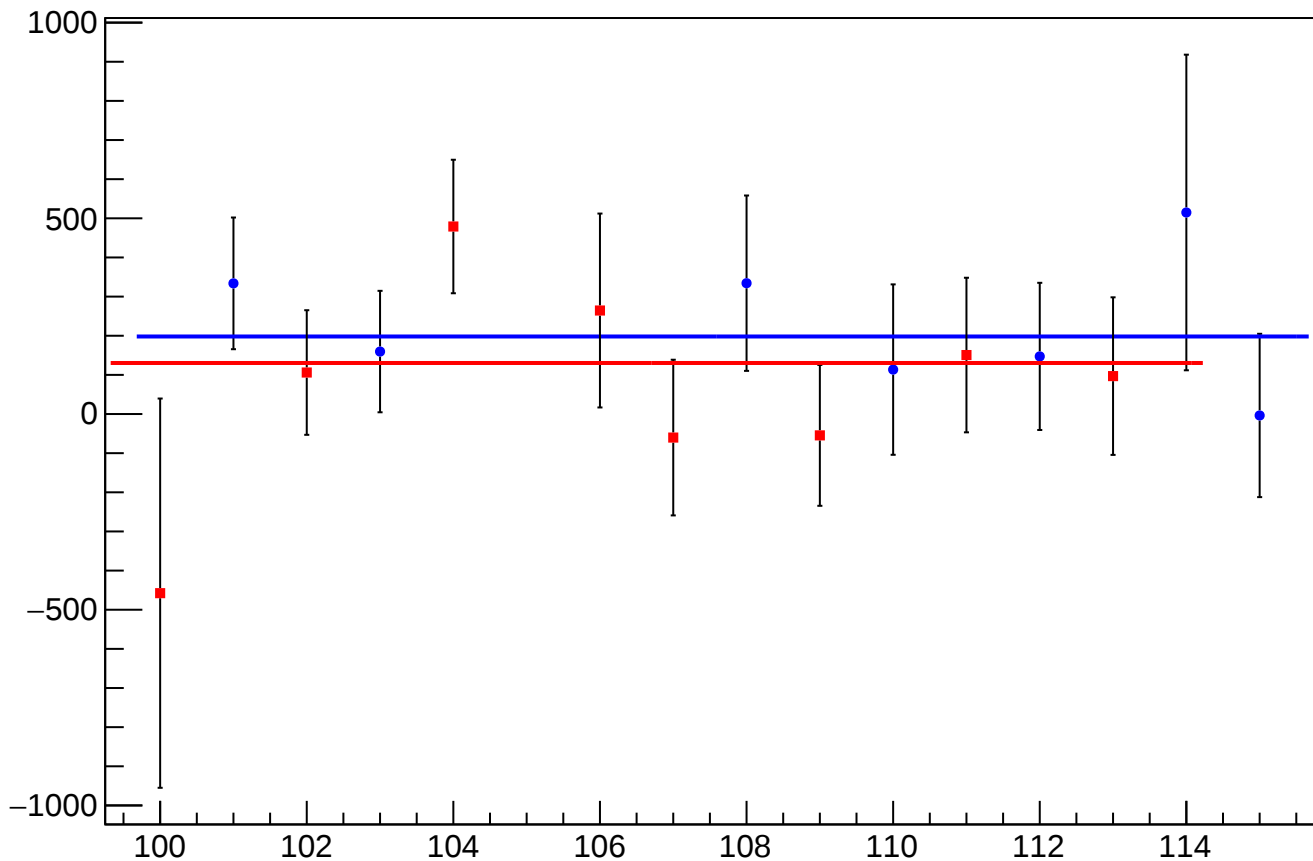
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 198.094 $\pm$ 75.521 χ^2 /NDF: 2.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 130.397 $\pm$ 70.591 χ^2 /NDF: 7.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

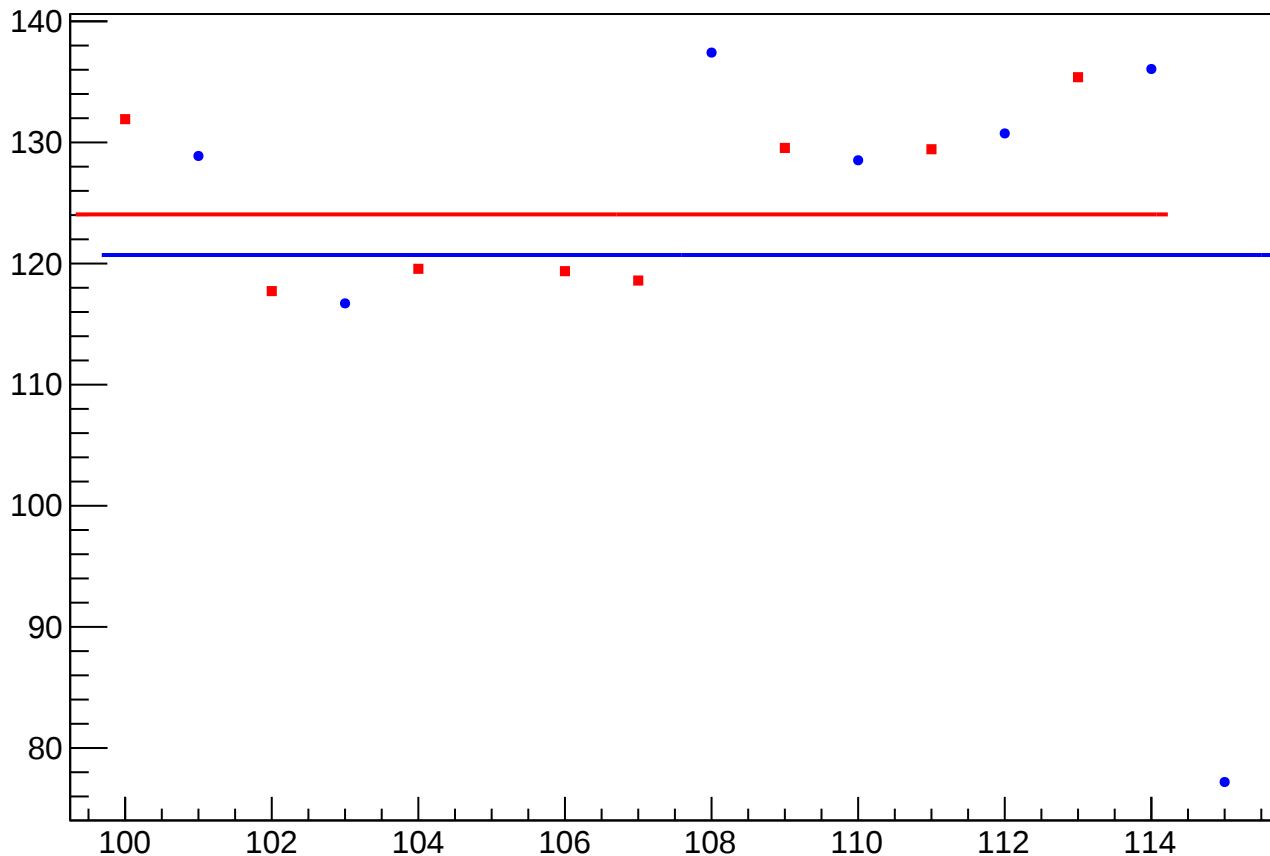
Right: 161.964 $\pm$ 51.570 χ^2 /NDF: 11.2/14

In: 198.094 $\pm$ 75.521 χ^2 /NDF:2.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 161.964 $\pm$ 51.570 χ^2 /NDF: 11.2/14

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 120.706+/-0.053 χ^2/NDF : 115362.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.058+/-0.050 χ^2/NDF : 16956.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

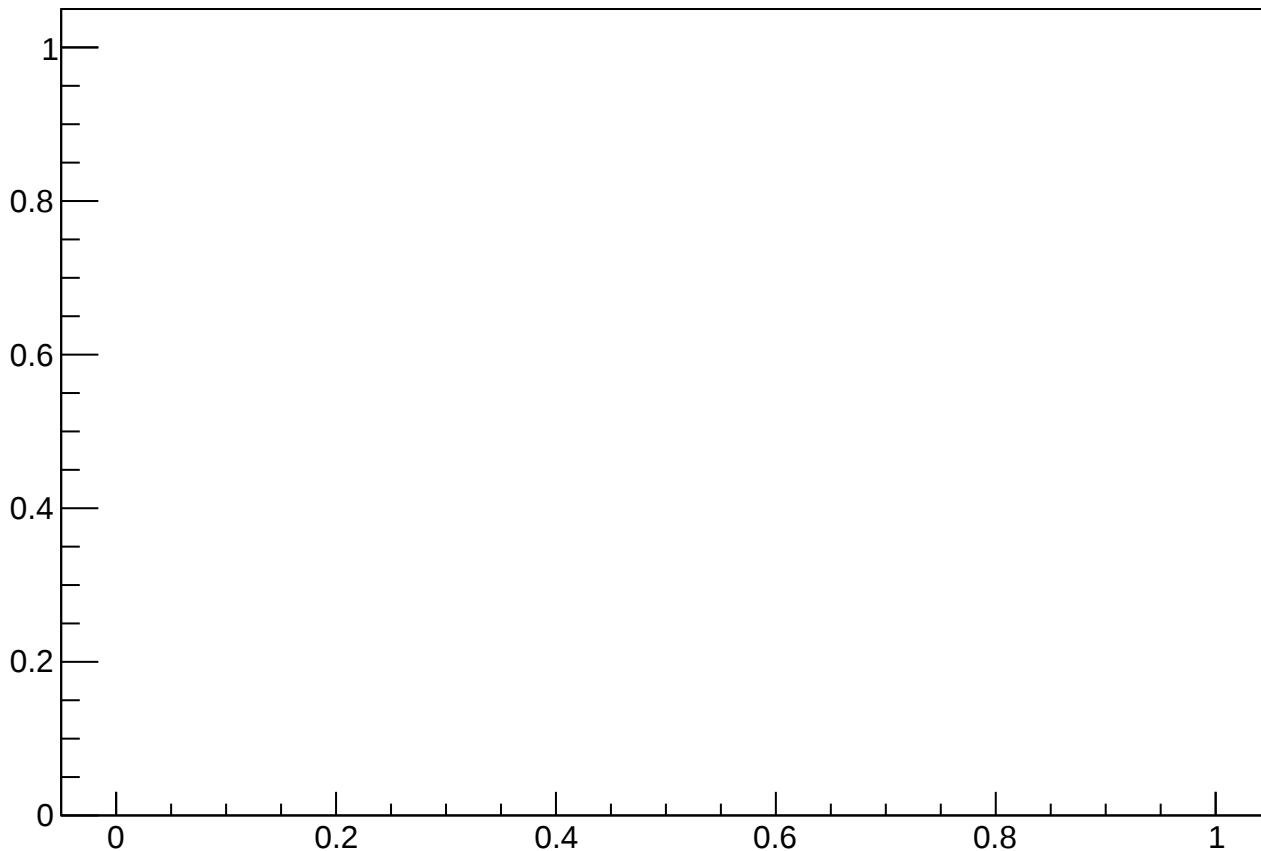
Right: 122.495+/-0.036 χ^2/NDF : 134421.6/14

In: 120.706+/-0.053 χ^2/NDF : 115362.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.495+/-0.036 χ^2/NDF : 134421.6/14

asym_sam1_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

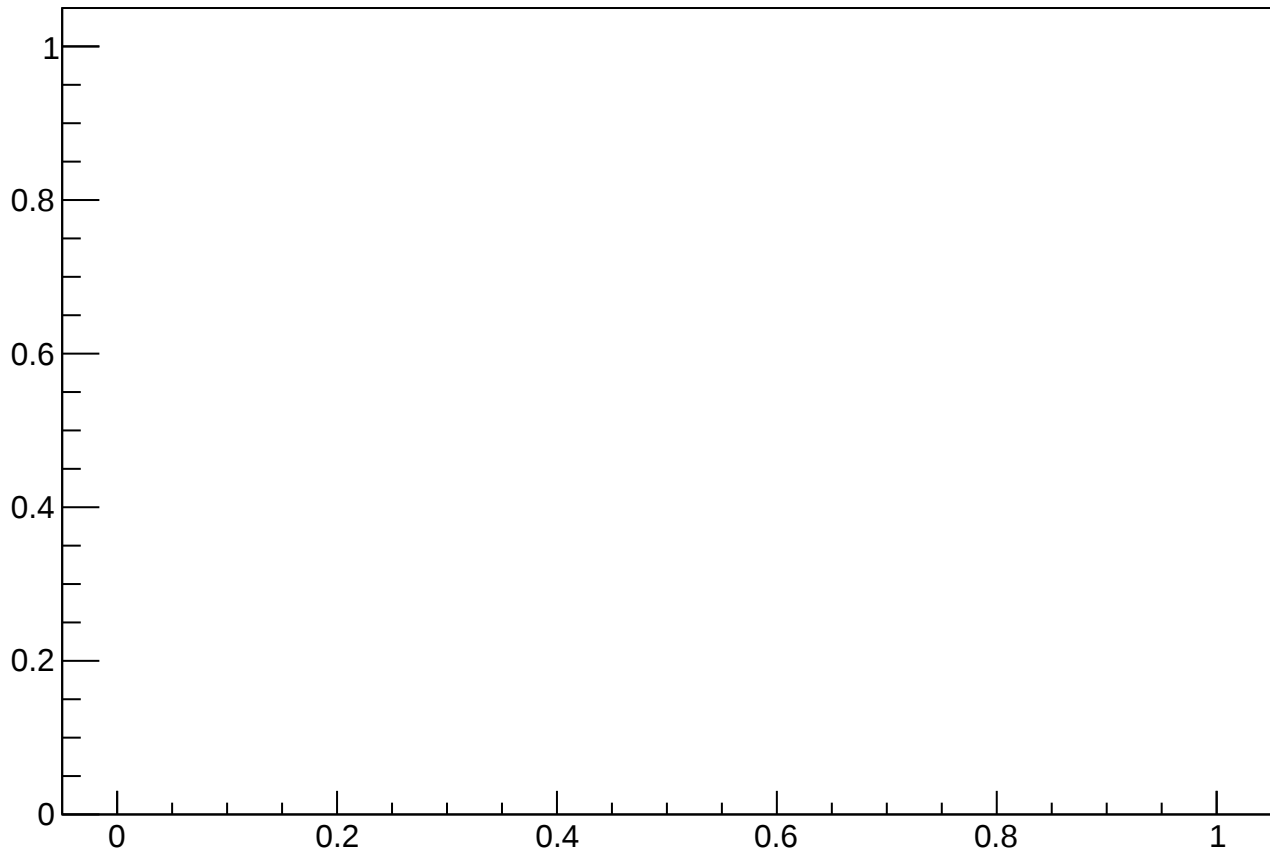
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_sam1_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

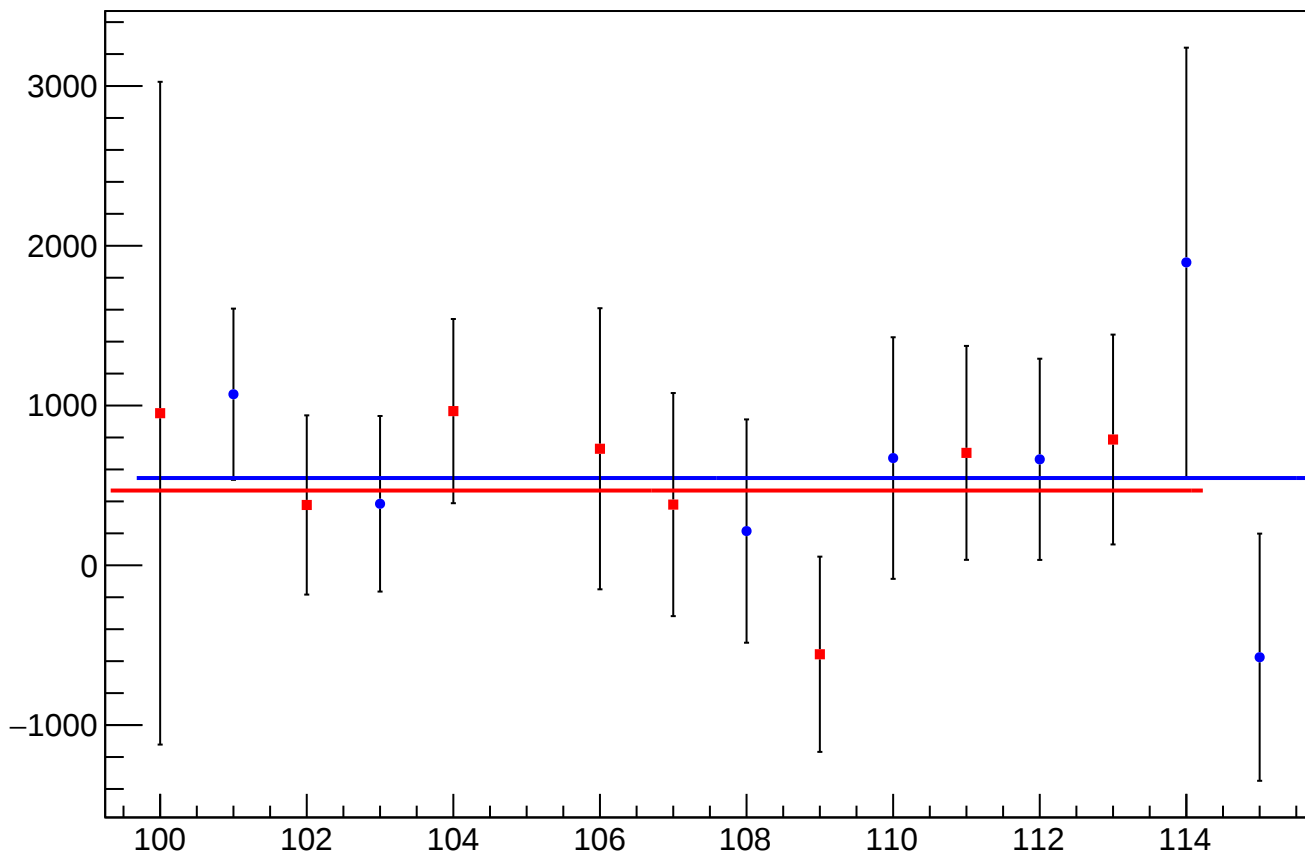
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 546.288+/-255.345 χ^2/NDF : 4.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 467.990+/-242.606 χ^2/NDF : 4.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

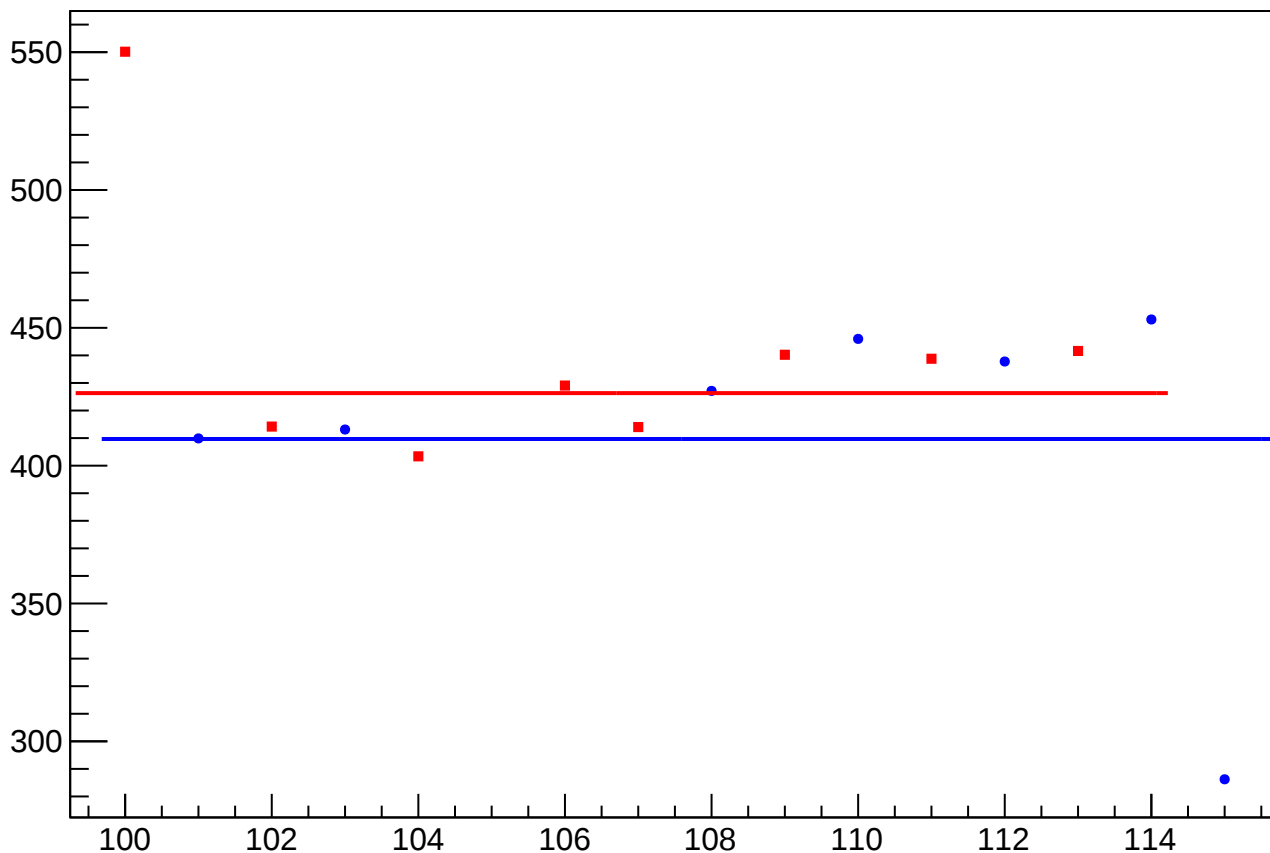
Right: 505.137+/-175.880 χ^2/NDF : 8.6/14

In: 546.288+/-255.345 χ^2/NDF : 4.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 505.137+/-175.880 χ^2/NDF : 8.6/14

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 409.675+/-0.181 χ^2/NDF : 62942.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 426.321+/-0.172 χ^2/NDF : 14687.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 418.424+/-0.124 χ^2/NDF : 82097.4/14

In: 409.675+/-0.181 χ^2/NDF : 62942.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 418.424+/-0.124 χ^2/NDF : 82097.4/14

asym_sam2_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

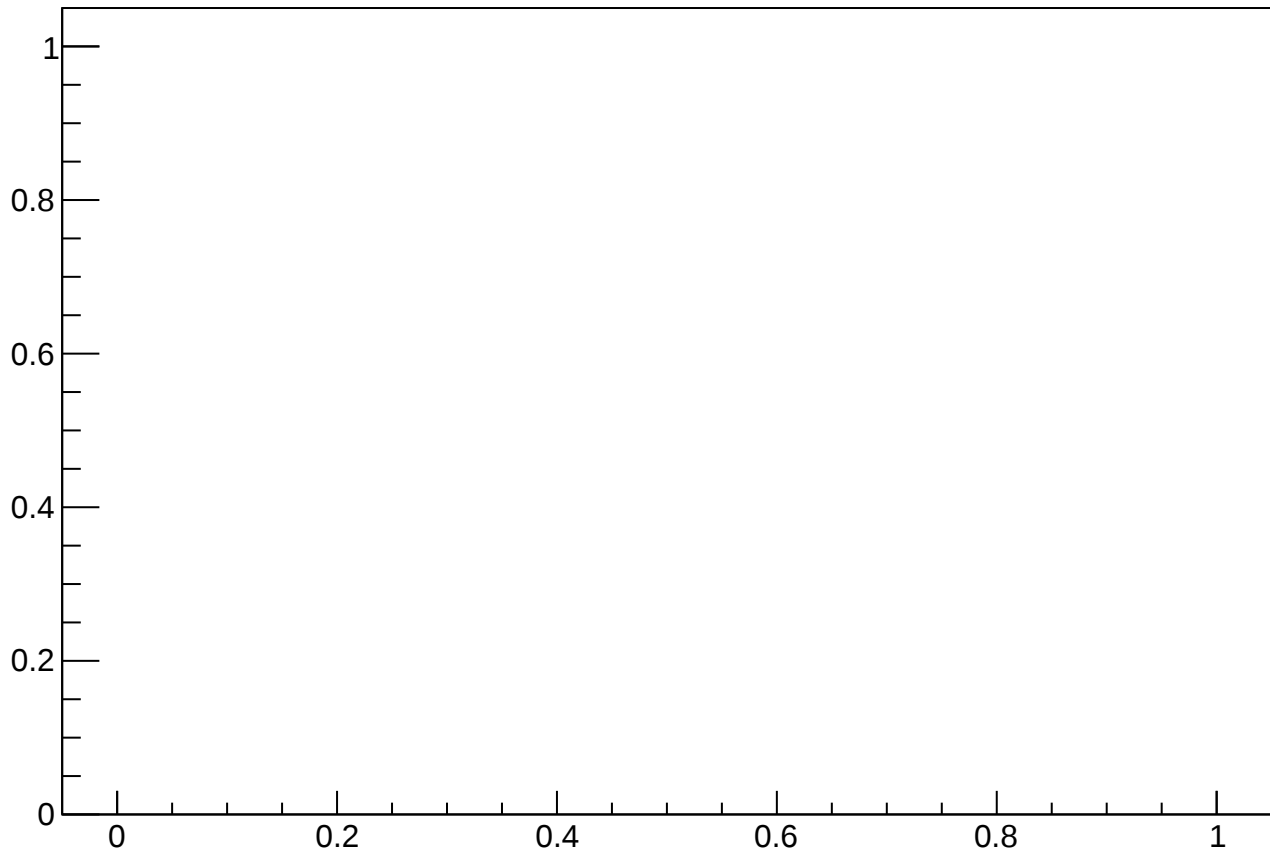
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_sam2_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

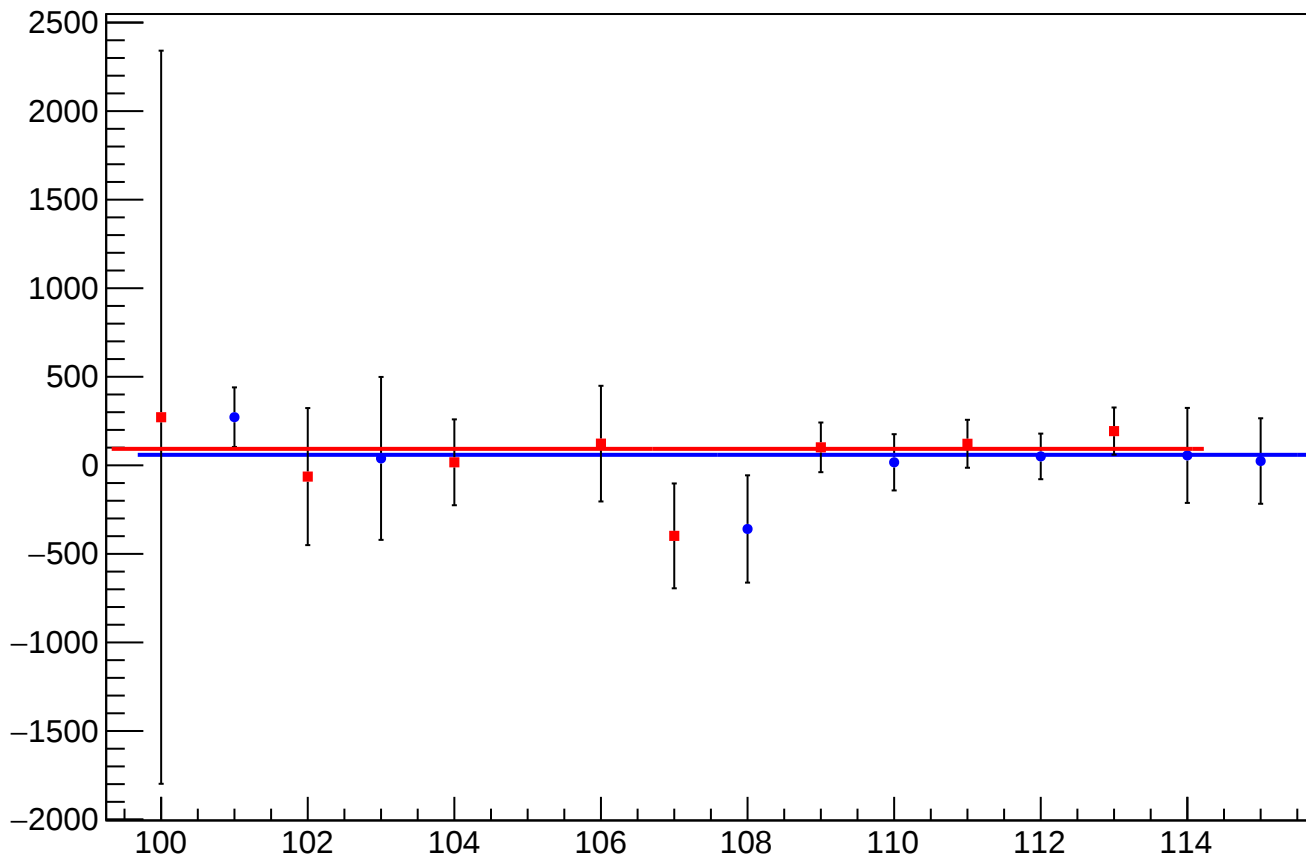
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 59.293+/-74.118 χ^2/NDF : 3.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.034+/-69.607 χ^2/NDF : 3.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

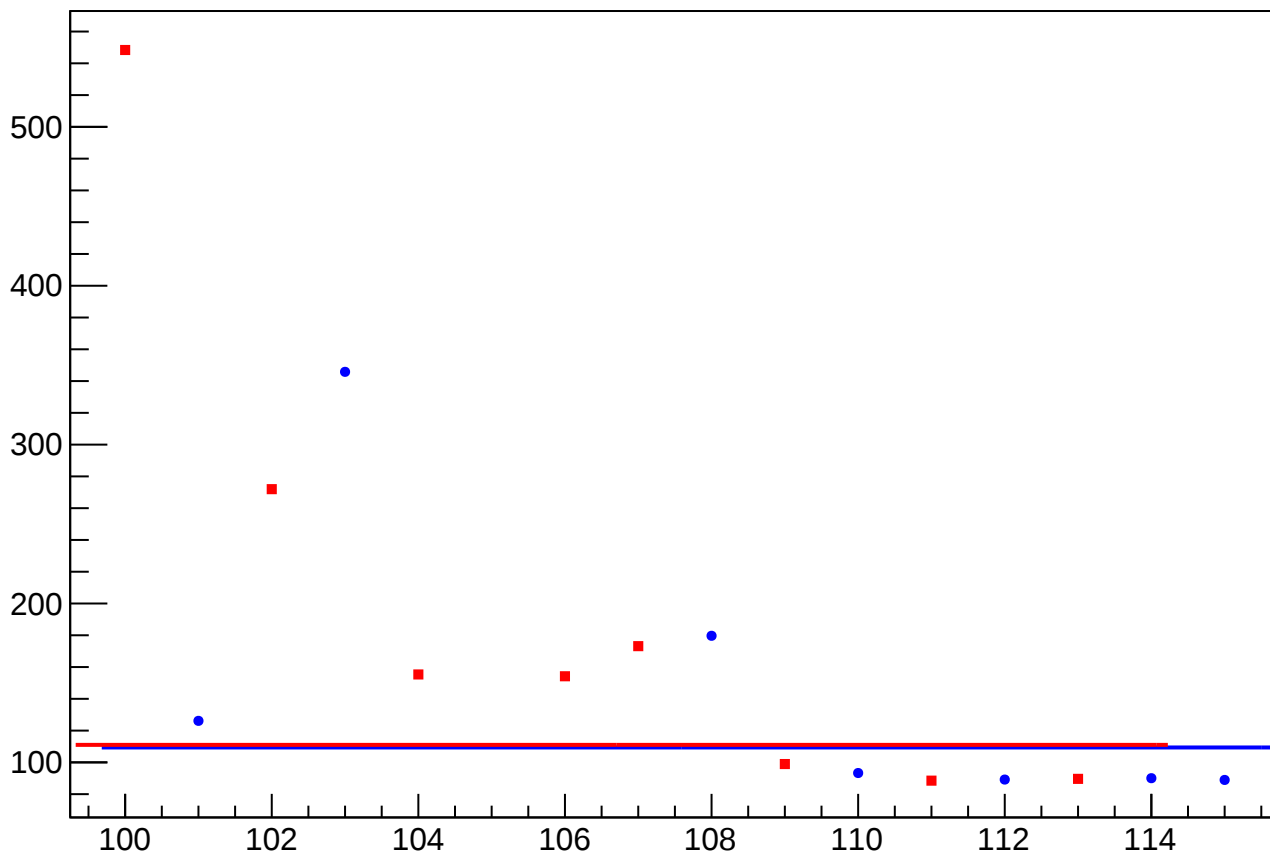
Right: 77.221+/-50.739 χ^2/NDF : 7.4/14

In: 59.293+/-74.118 χ^2/NDF : 3.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.221+/-50.739 χ^2/NDF : 7.4/14

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 109.381+/-0.052 χ^2/NDF : 750436.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.018+/-0.049 χ^2/NDF : 746980.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 110.251+/-0.036 χ^2/NDF : 1497935.5/14

In: 109.381+/-0.052 χ^2/NDF : 750436.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.251+/-0.036 χ^2/NDF : 1497935.5/14

asym_sam3_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

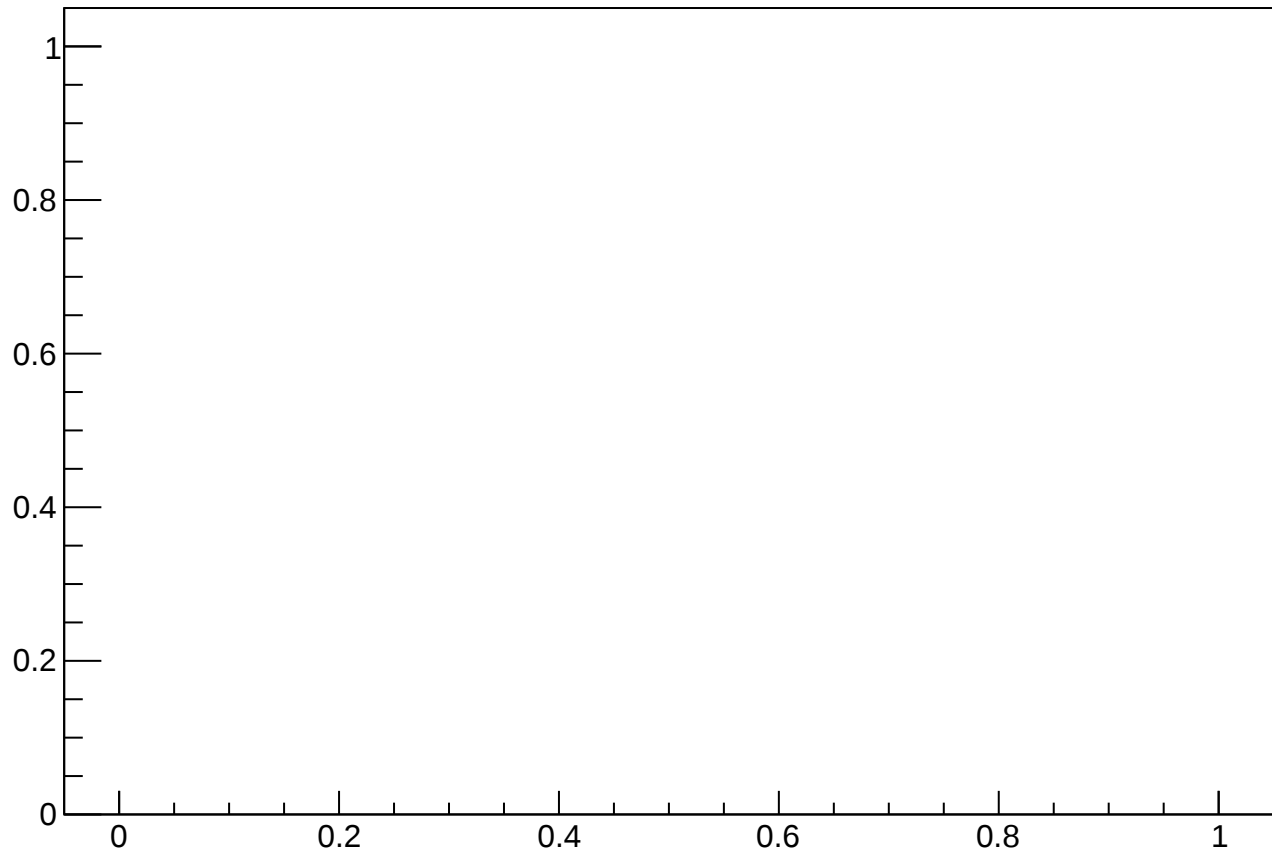
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_sam3_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

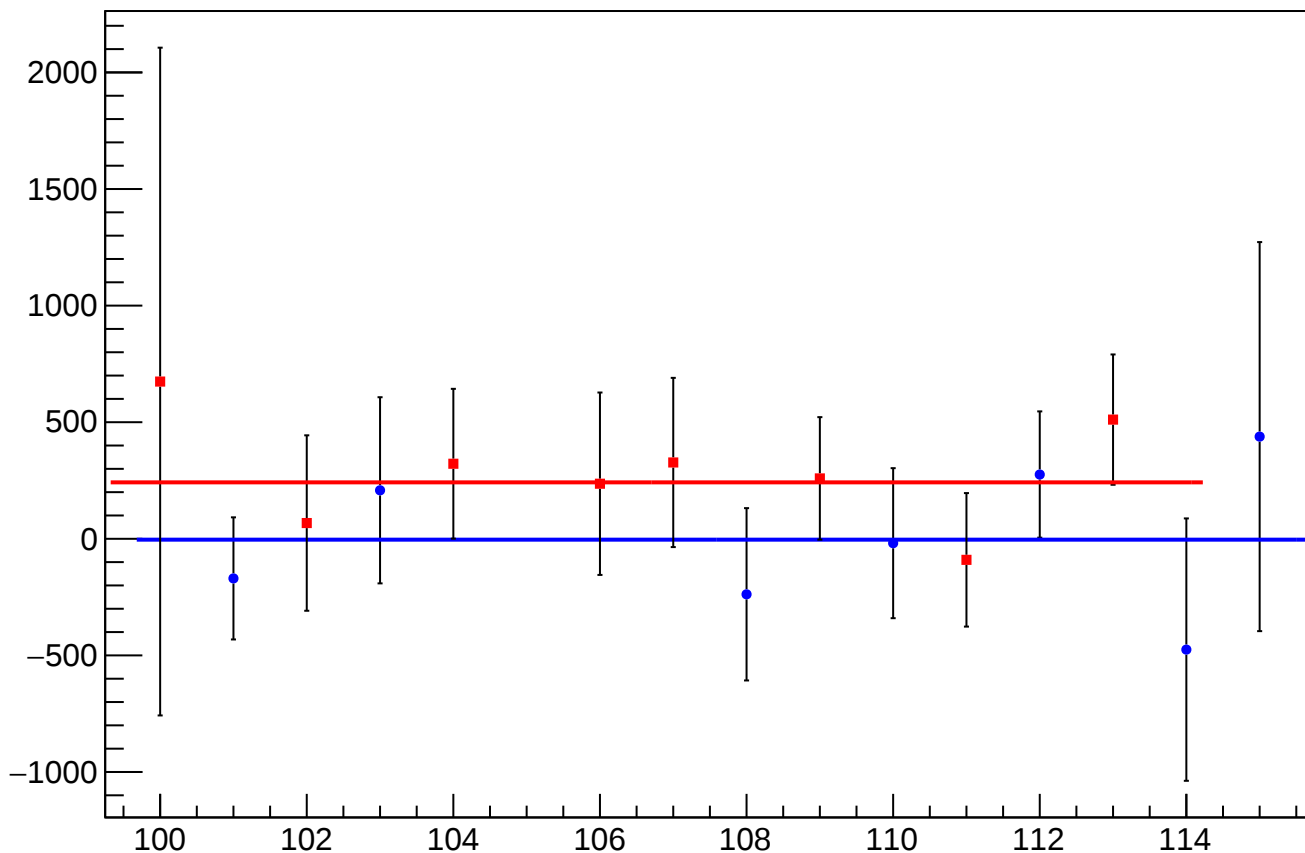
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: -3.705+/-133.524 χ^2/NDF : 3.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 242.041+/-118.782 χ^2/NDF : 2.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

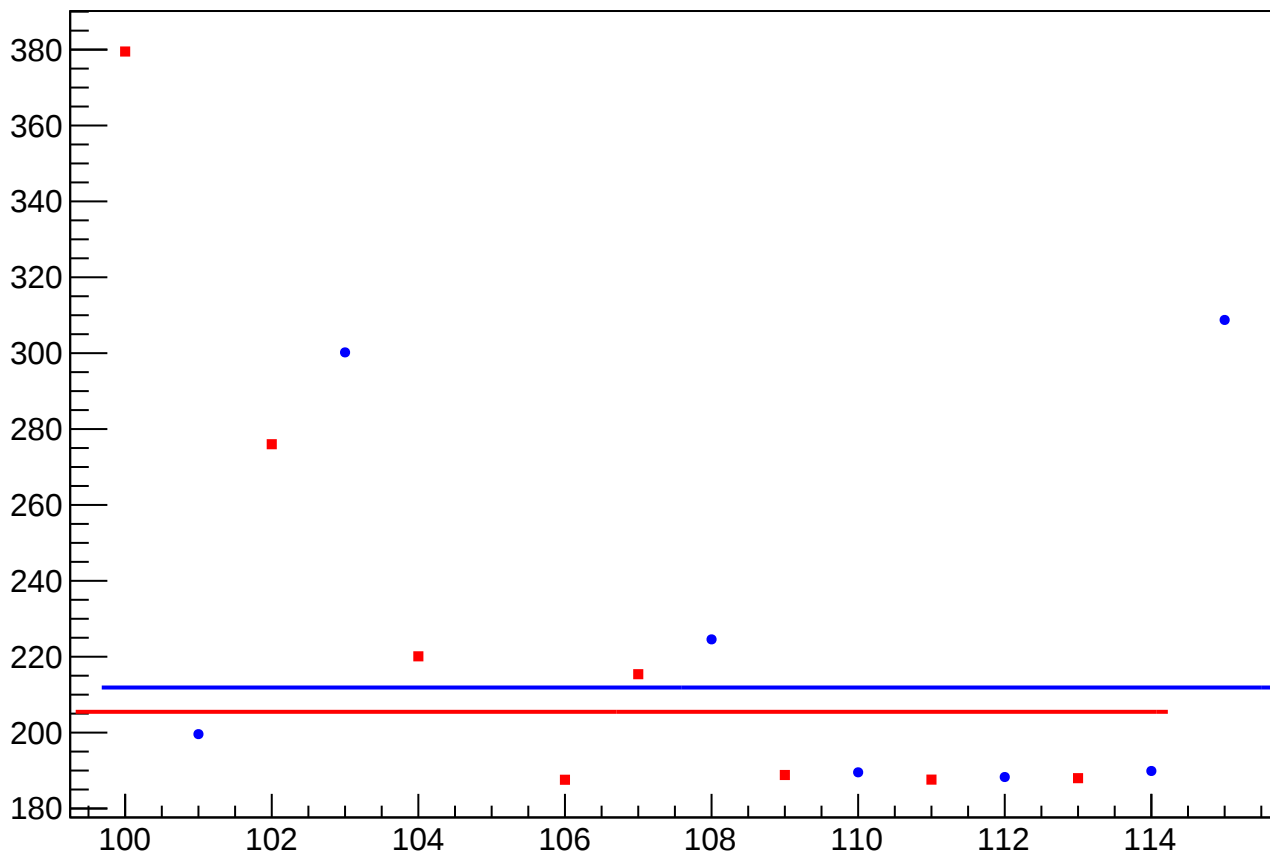
Right: 133.477+/-88.748 χ^2/NDF : 7.7/14

In: -3.705+/-133.524 χ^2/NDF : 3.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.477+/-88.748 χ^2/NDF : 7.7/14

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 211.884+/-0.094 χ^2/NDF : 159540.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 205.480+/-0.084 χ^2/NDF : 133330.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

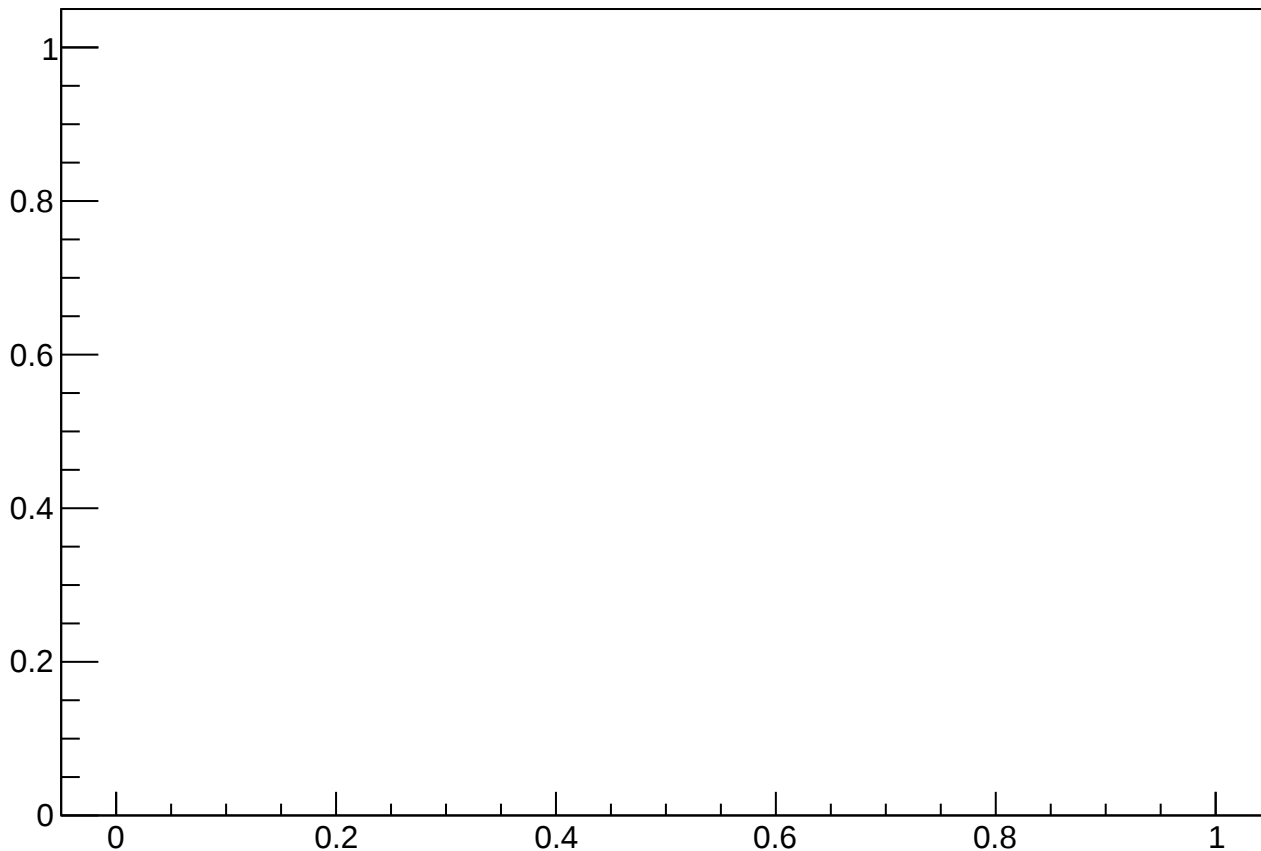
Right: 208.309+/-0.063 χ^2/NDF : 295438.6/14

In: 211.884+/-0.094 χ^2/NDF : 159540.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 208.309+/-0.063 χ^2/NDF : 295438.6/14

asym_sam4_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

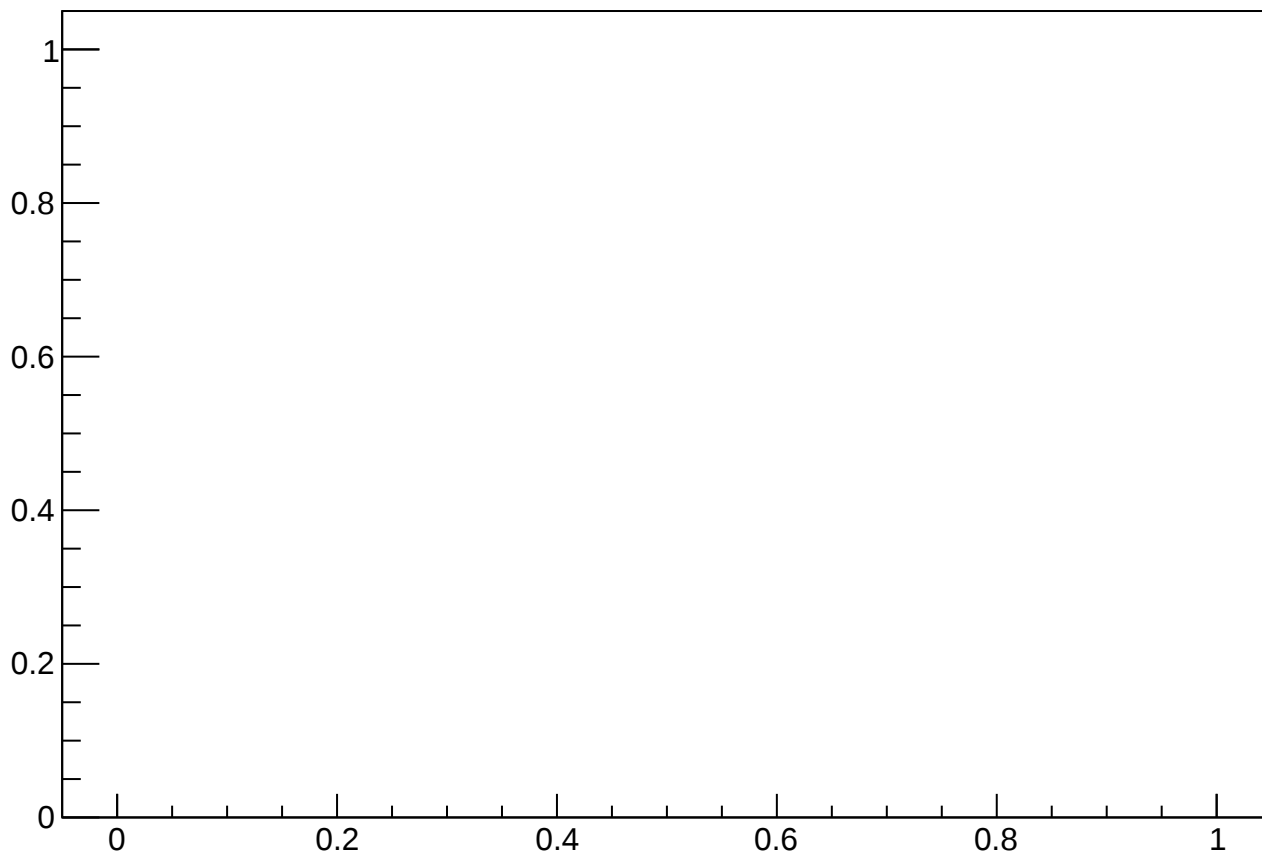
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_sam4_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

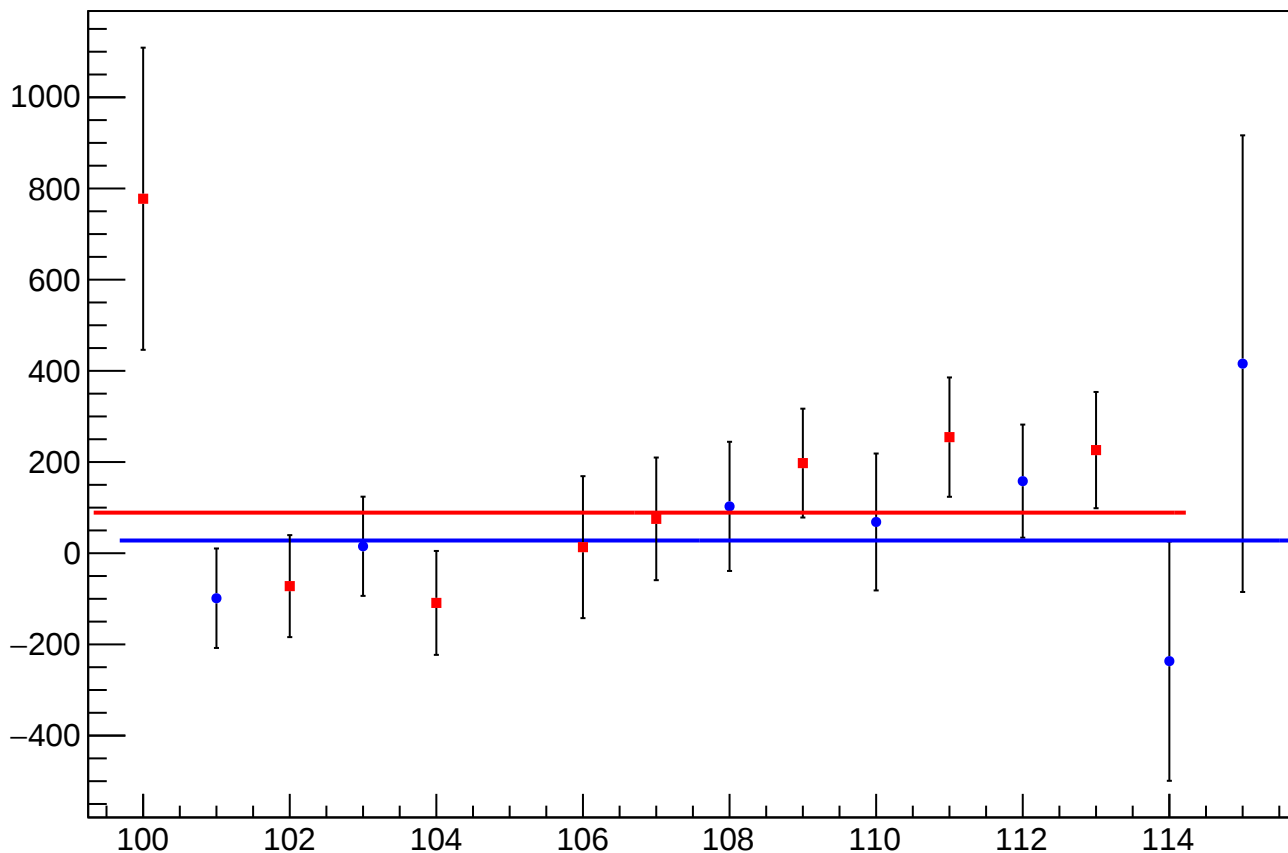
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: 27.896+/-53.746 χ^2/NDF : 4.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.015+/-47.003 χ^2/NDF : 13.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

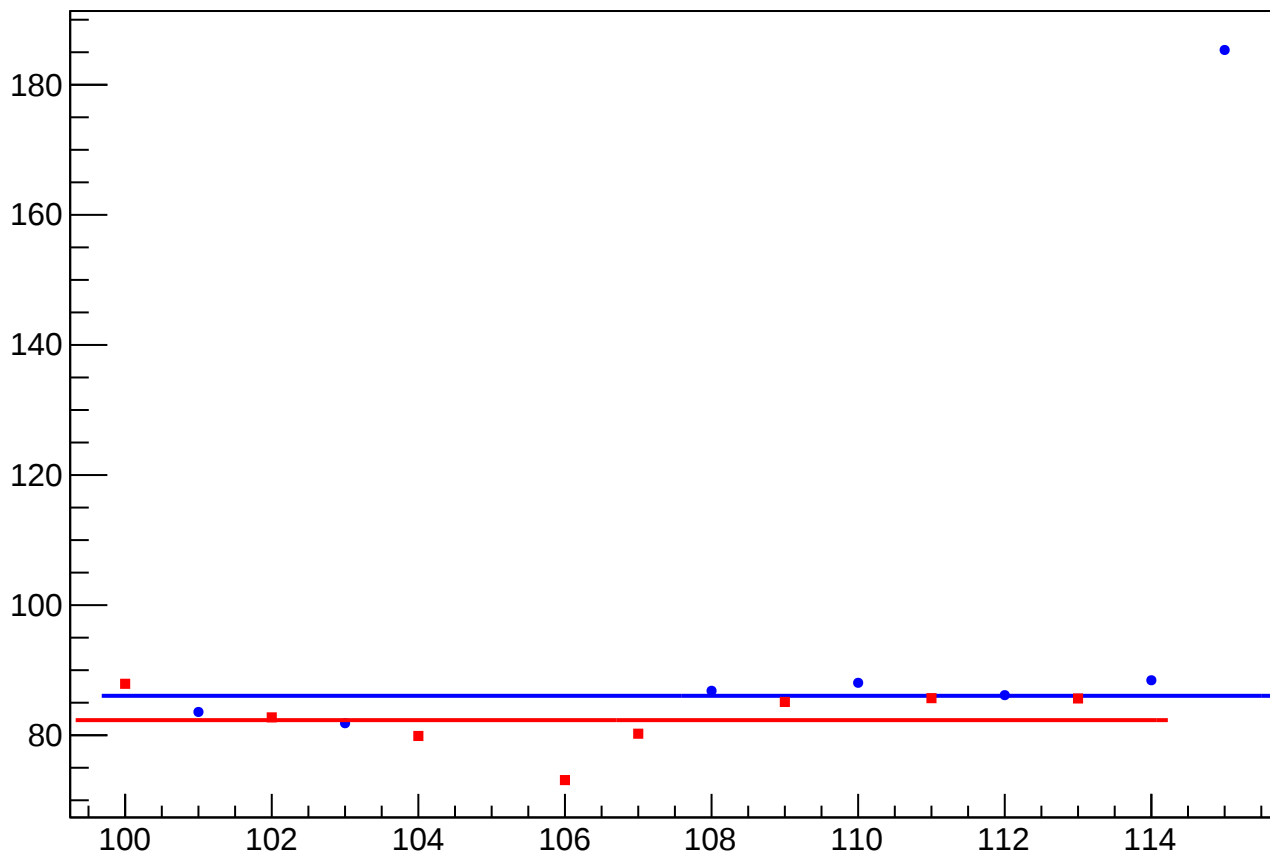
Right: 62.528+/-35.382 χ^2/NDF : 18.4/14

In: 27.896+/-53.746 χ^2/NDF : 4.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.528+/-35.382 χ^2/NDF : 18.4/14

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 86.060 $\pm$ 0.038 χ^2 /NDF: 83233.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 82.321 $\pm$ 0.033 χ^2 /NDF: 12796.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

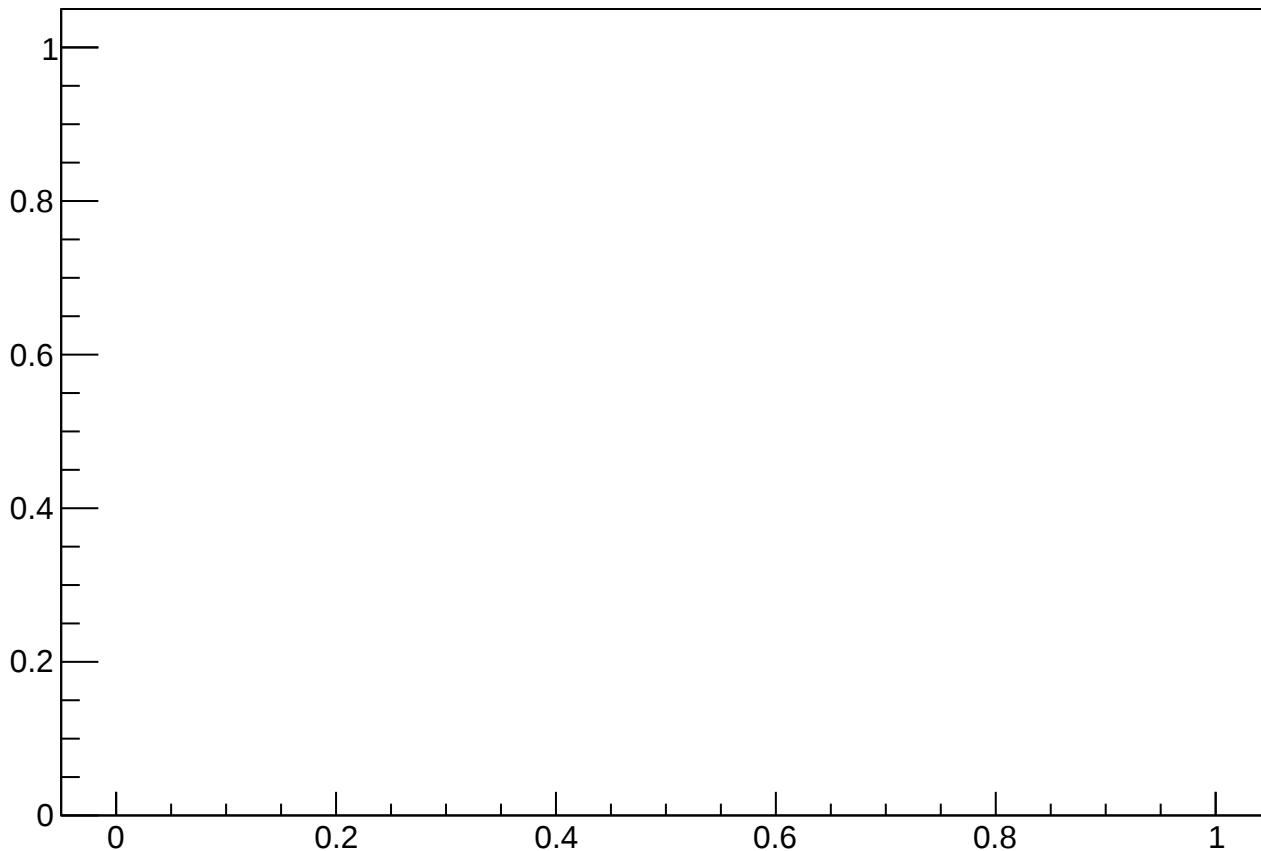
Right: 83.942 $\pm$ 0.025 χ^2 /NDF: 101513.7/14

In: 86.060 $\pm$ 0.038 χ^2 /NDF: 83233.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 83.942 $\pm$ 0.025 χ^2 /NDF: 101513.7/14

asym_sam5_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

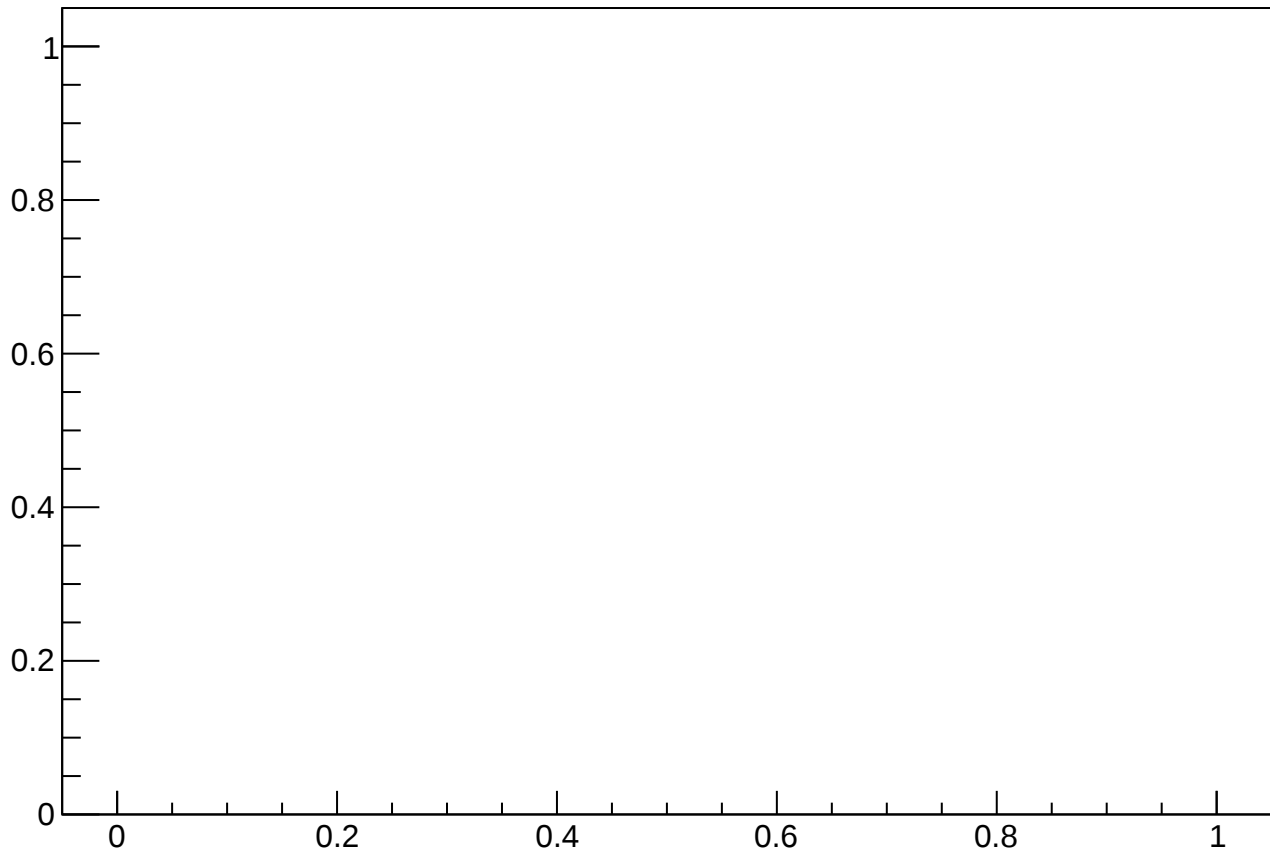
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_sam5_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

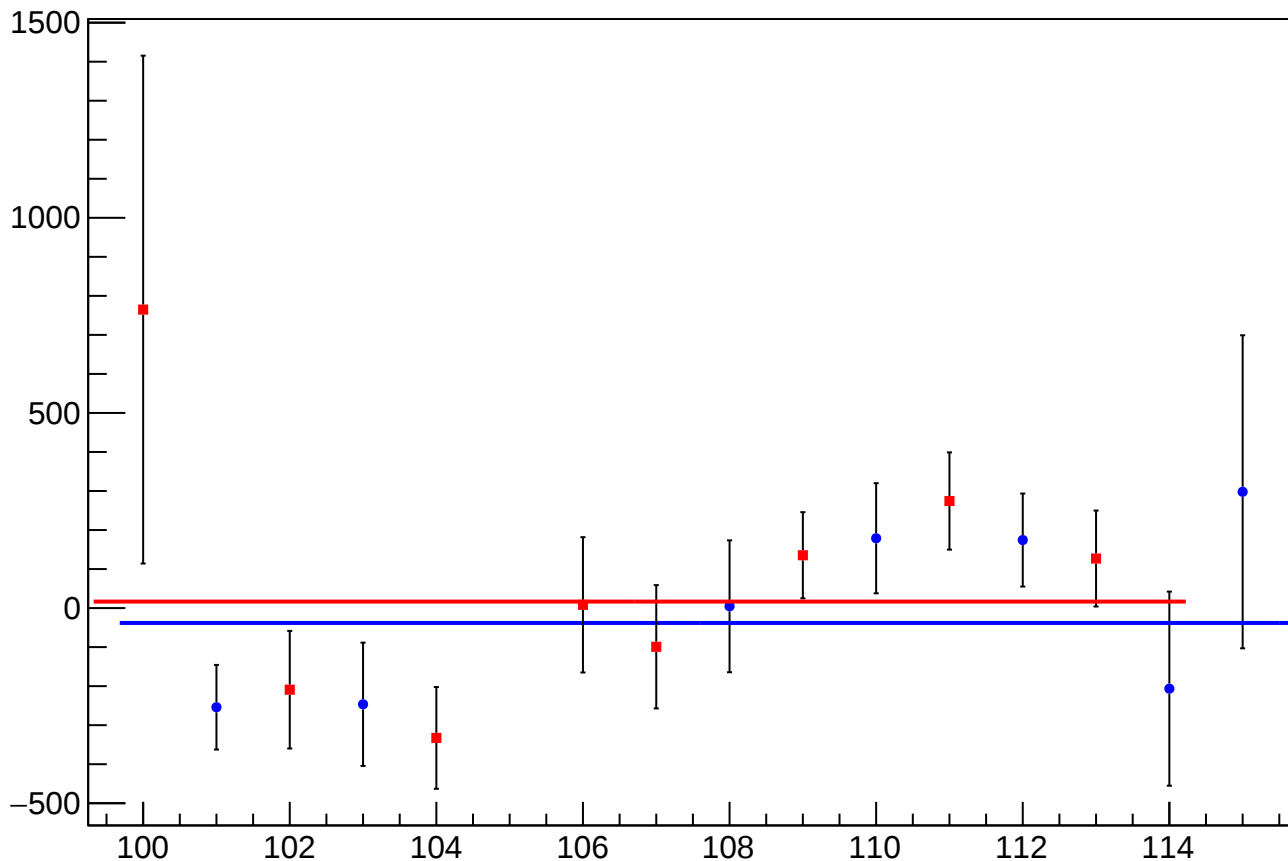
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

reg_asym_sam6_mean vs Slug, Sign Corrected



Right In: -38.069+/-57.430 χ^2/NDF : 12.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 16.646+/-50.556 χ^2/NDF : 17.5/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

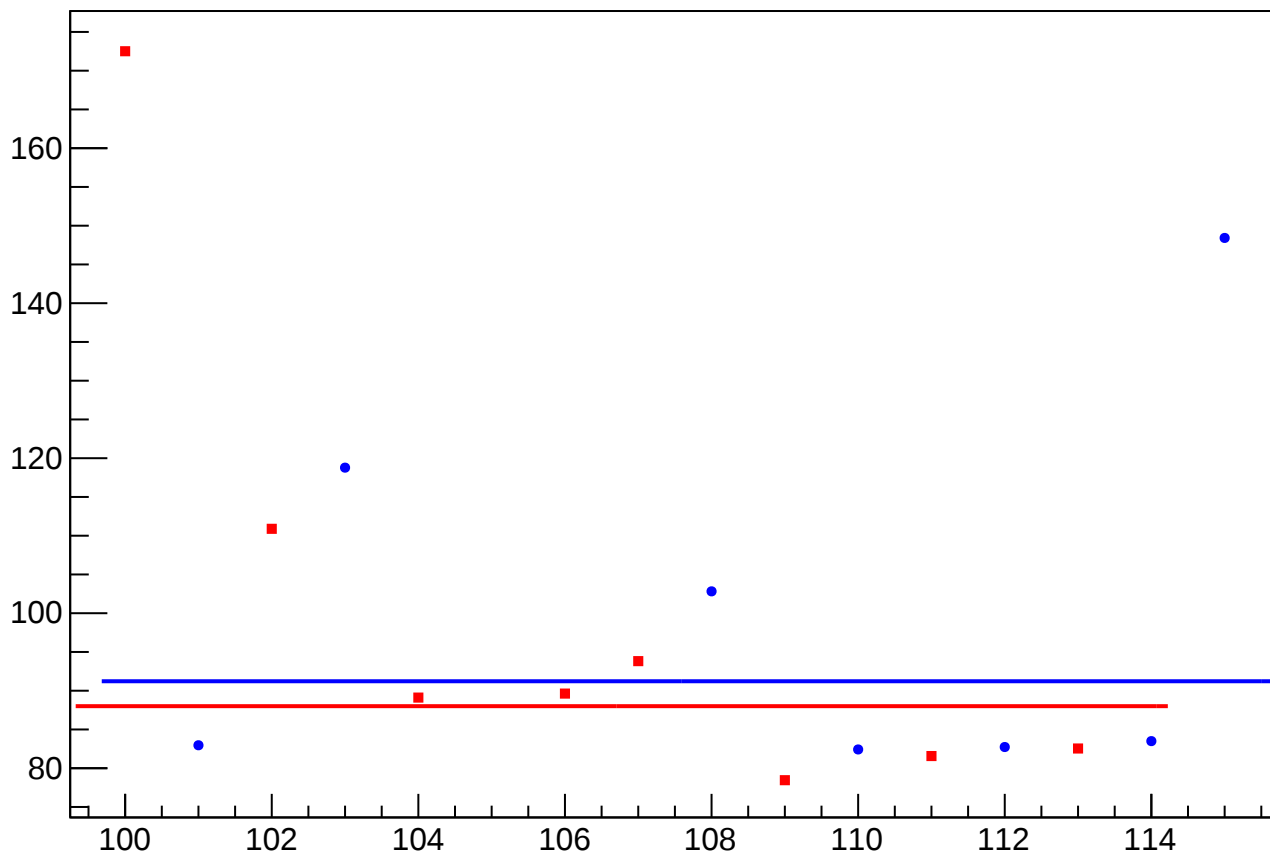
Right: -7.243+/-37.947 χ^2/NDF : 30.5/14

In: -38.069+/-57.430 χ^2/NDF :12.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -7.243+/-37.947 χ^2/NDF : 30.5/14

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 91.221+/-0.041 χ^2/NDF : 142466.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.006+/-0.036 χ^2/NDF : 107167.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

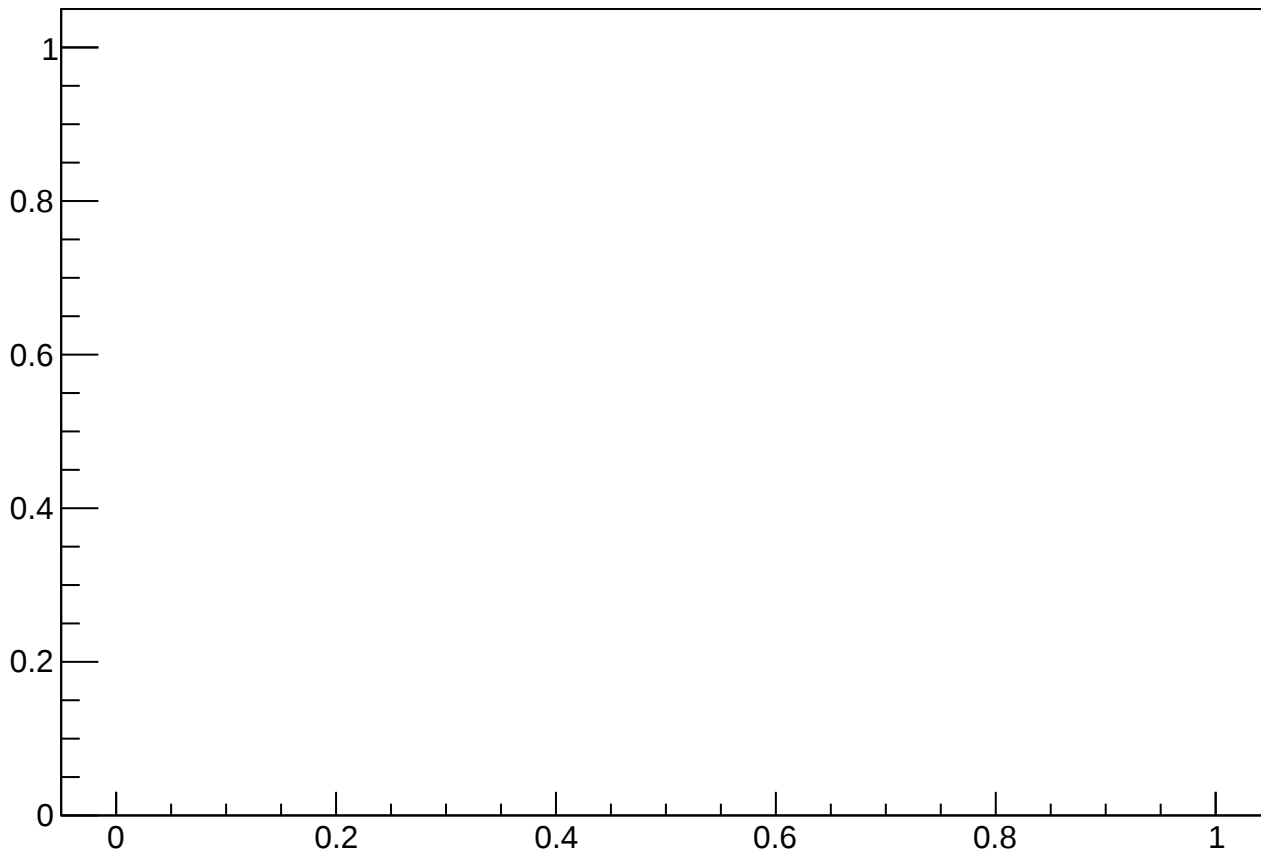
Right: 89.410+/-0.027 χ^2/NDF : 253165.8/14

In: 91.221+/-0.041 χ^2/NDF : 142466.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.410+/-0.027 χ^2/NDF : 253165.8/14

asym_sam6_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

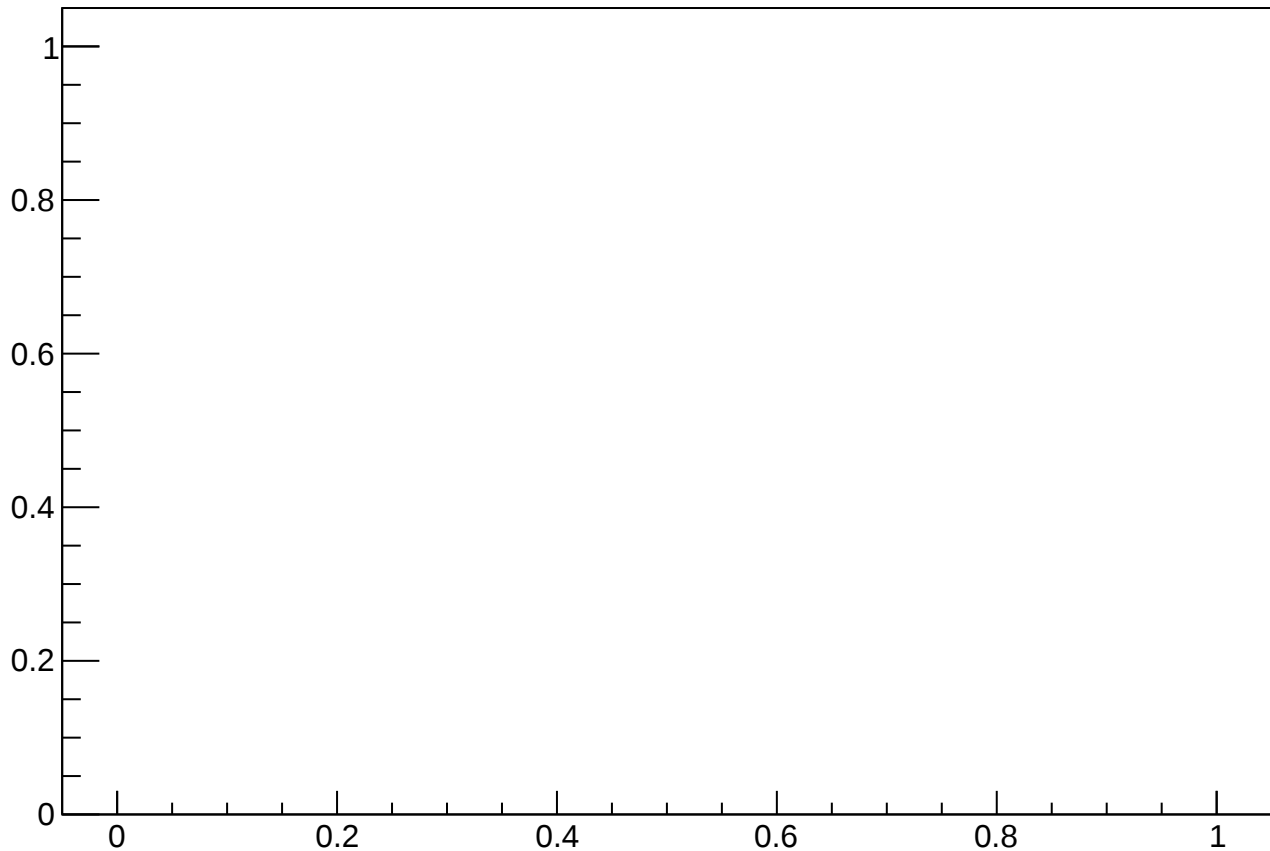
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_sam6_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

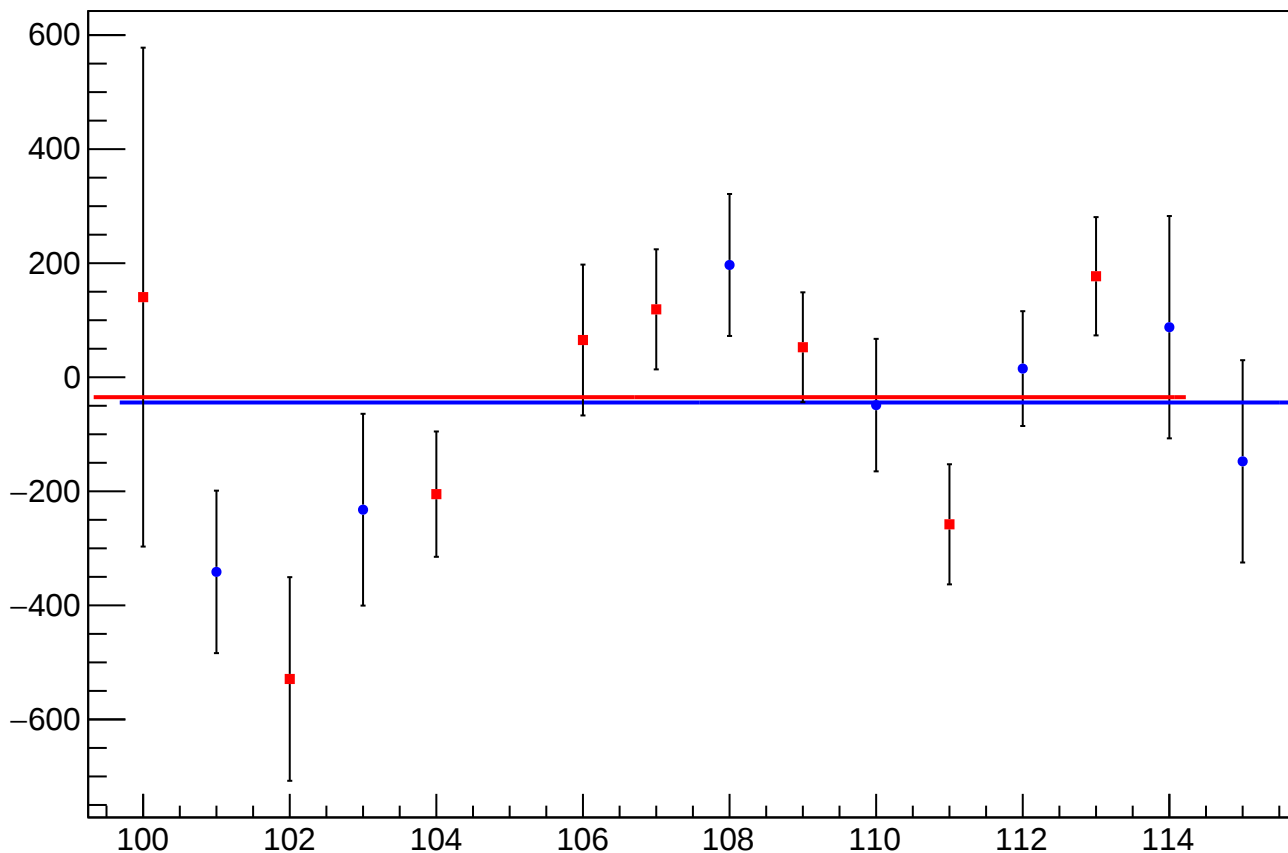
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: -44.253+/-51.294 χ^2/NDF : 10.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.913+/-42.343 χ^2/NDF : 22.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

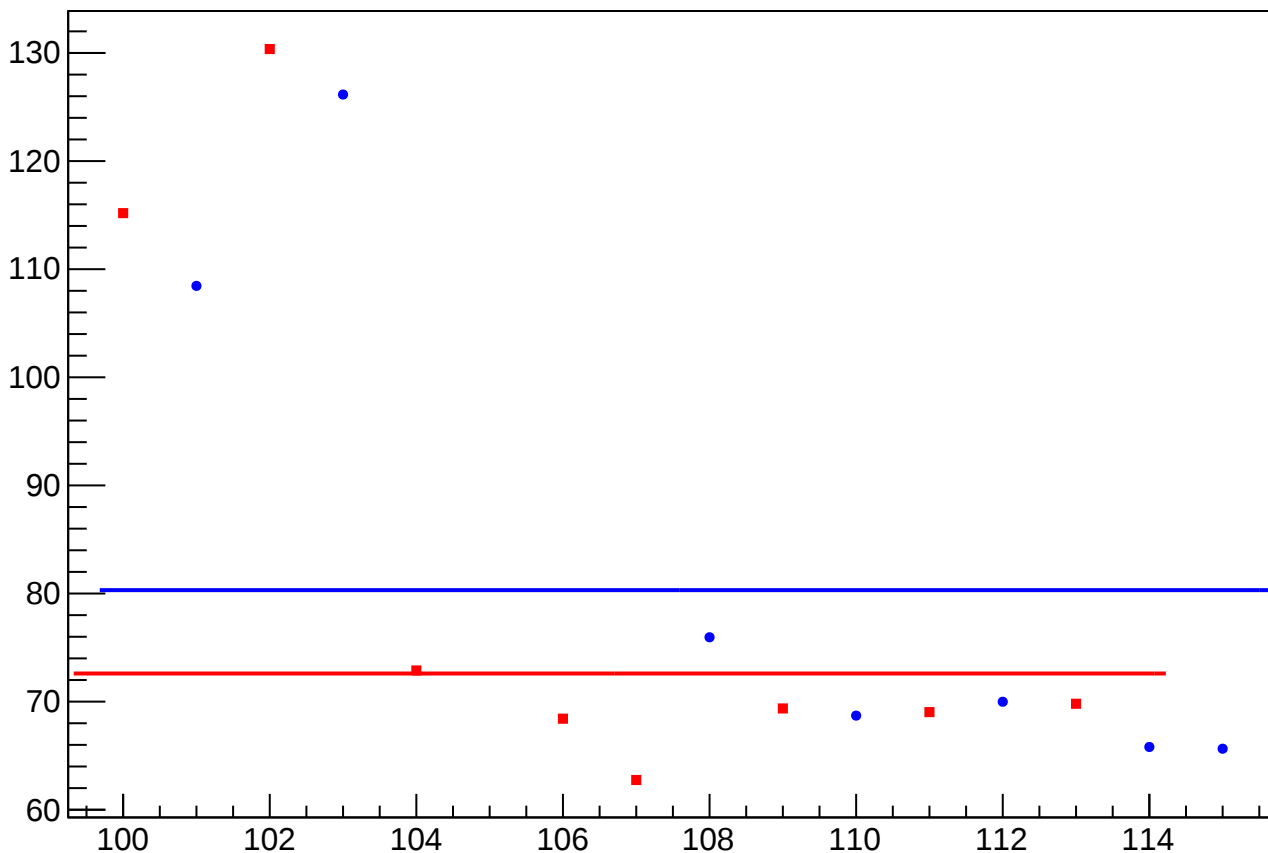
Right: -38.698+/-32.654 χ^2/NDF : 32.9/14

In: -44.253+/-51.294 χ^2/NDF : 10.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.698+/-32.654 χ^2/NDF : 32.9/14

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 80.312+/-0.036 χ^2/NDF : 294909.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.602+/-0.030 χ^2/NDF : 253806.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

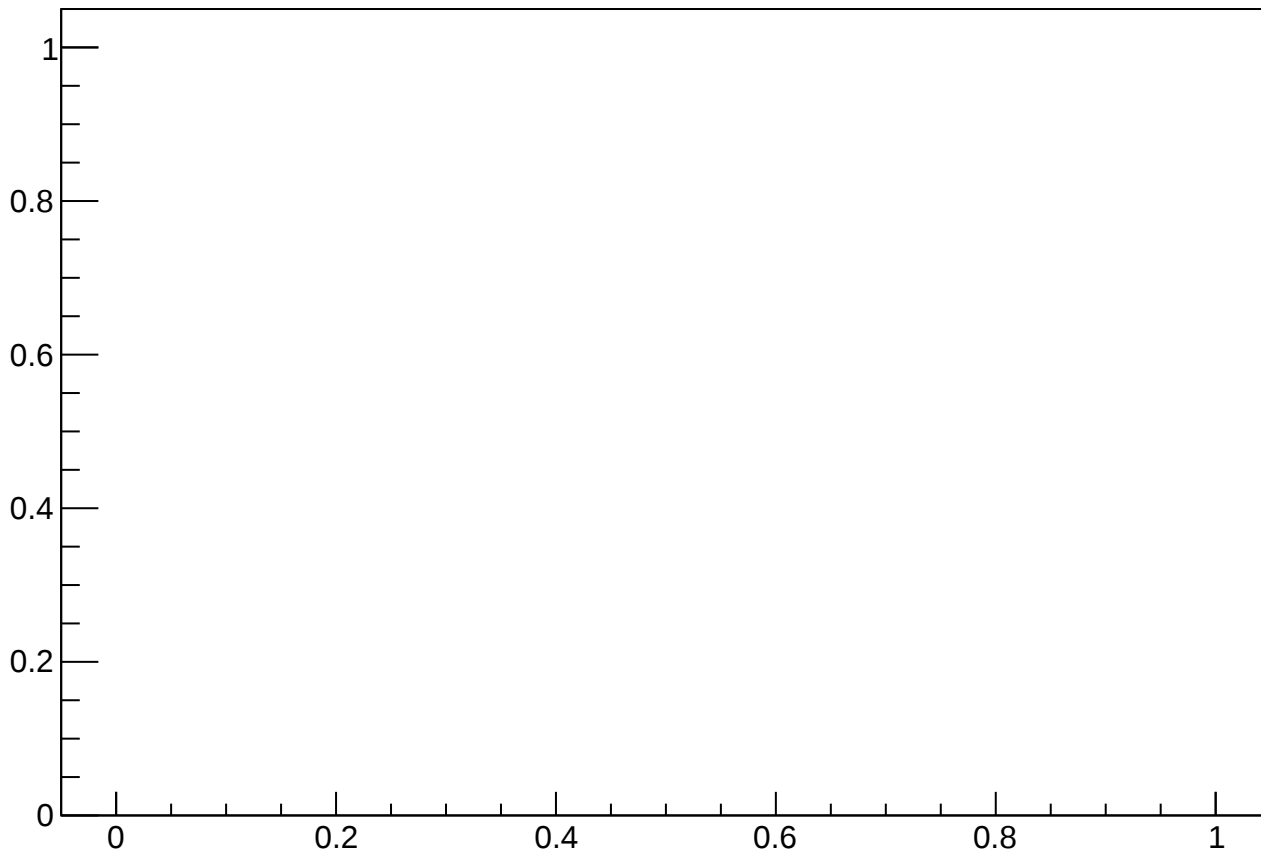
Right: 75.727+/-0.023 χ^2/NDF : 575594.1/14

In: 80.312+/-0.036 χ^2/NDF : 294909.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.727+/-0.023 χ^2/NDF : 575594.1/14

asym_sam7_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

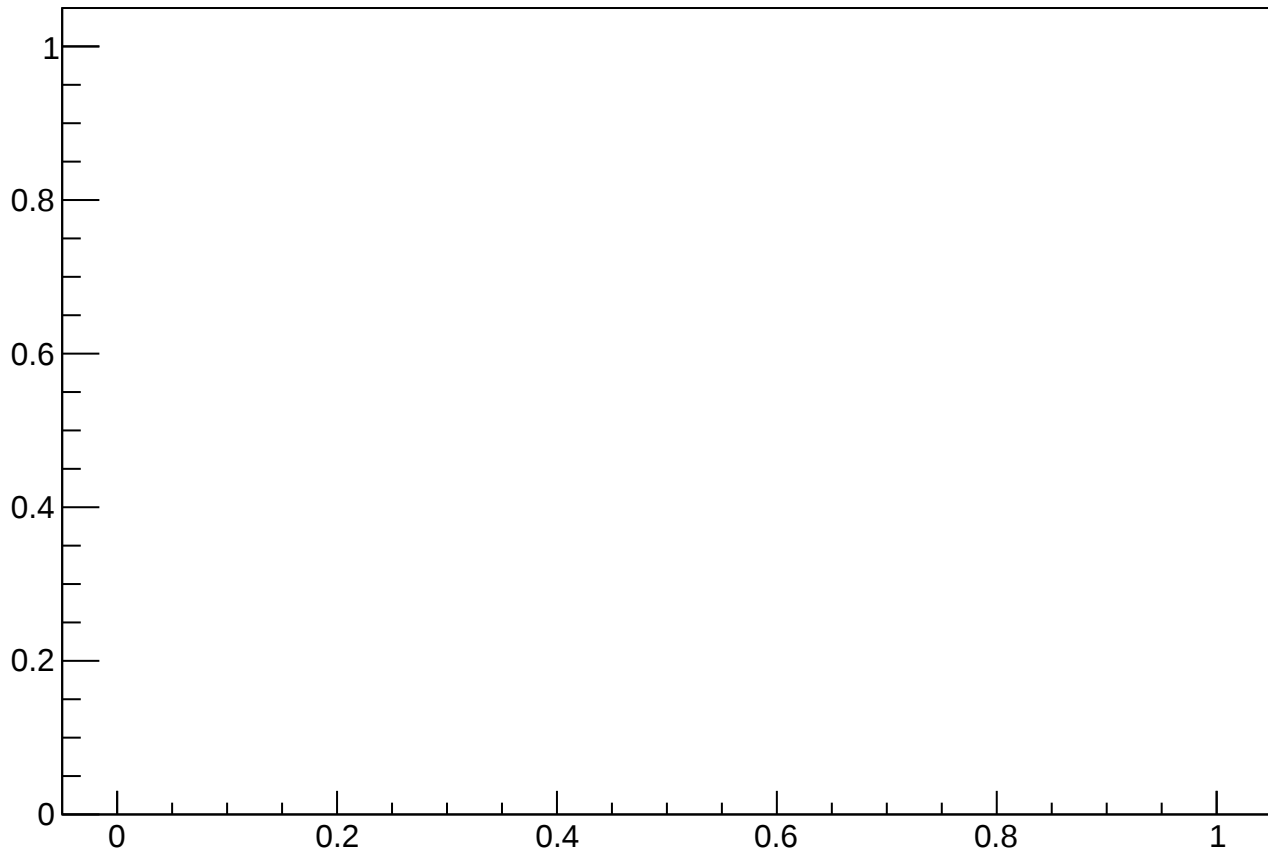
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_sam7_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

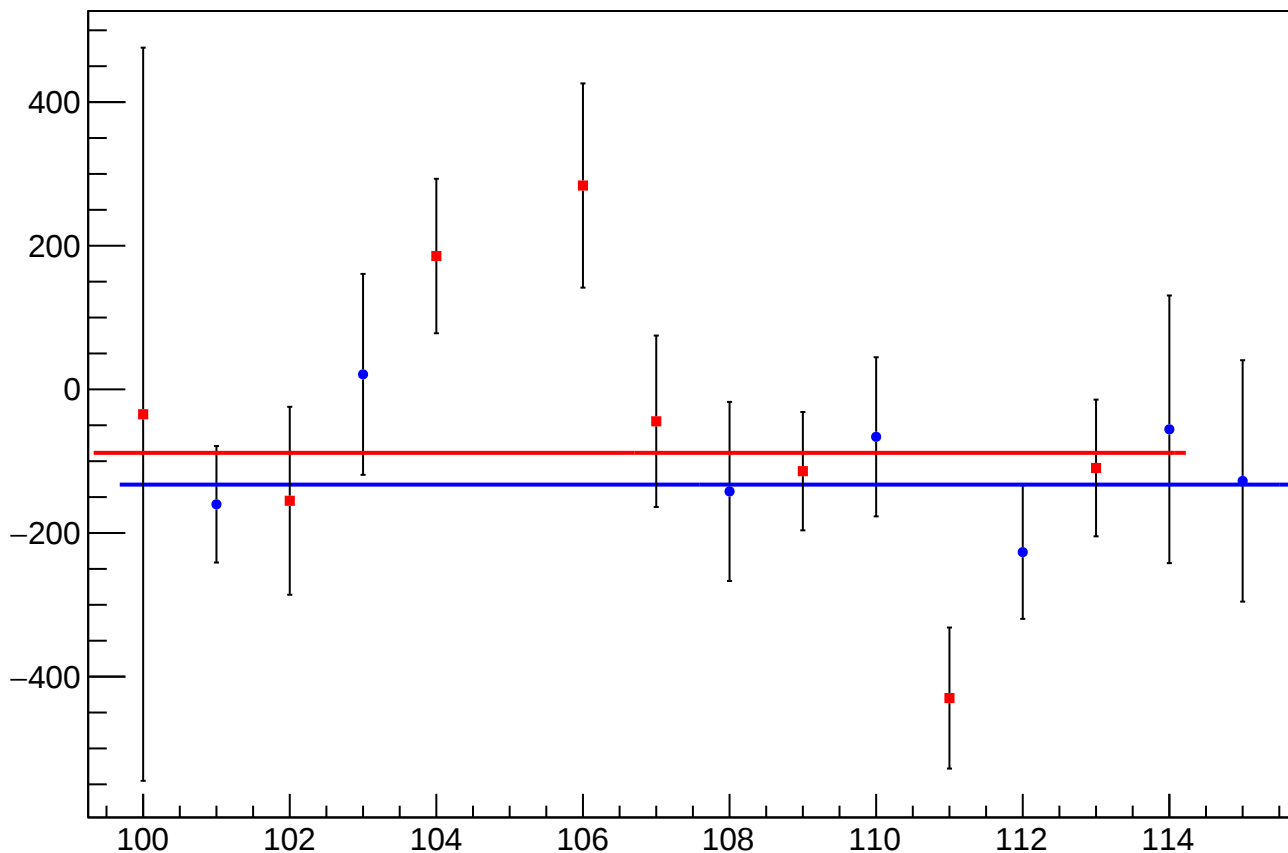
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -132.623+/-43.485 χ^2/NDF : 2.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -88.365+/-39.852 χ^2/NDF : 26.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

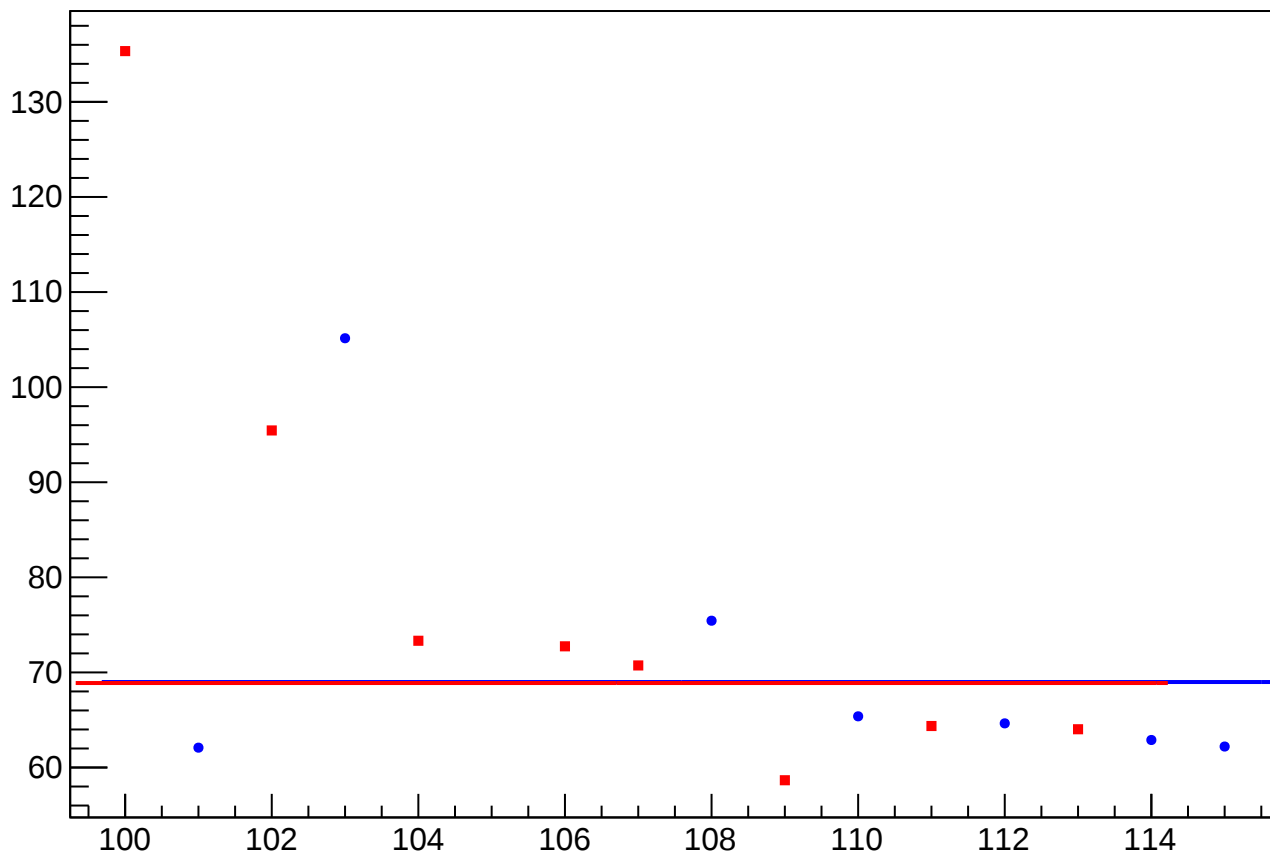
Right: -108.568+/-29.380 χ^2/NDF : 29.4/14

In: -132.623+/-43.485 χ^2/NDF : 2.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -108.568+/-29.380 χ^2/NDF : 29.4/14

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 68.990+/-0.031 χ^2/NDF : 165317.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.884+/-0.028 χ^2/NDF : 161915.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

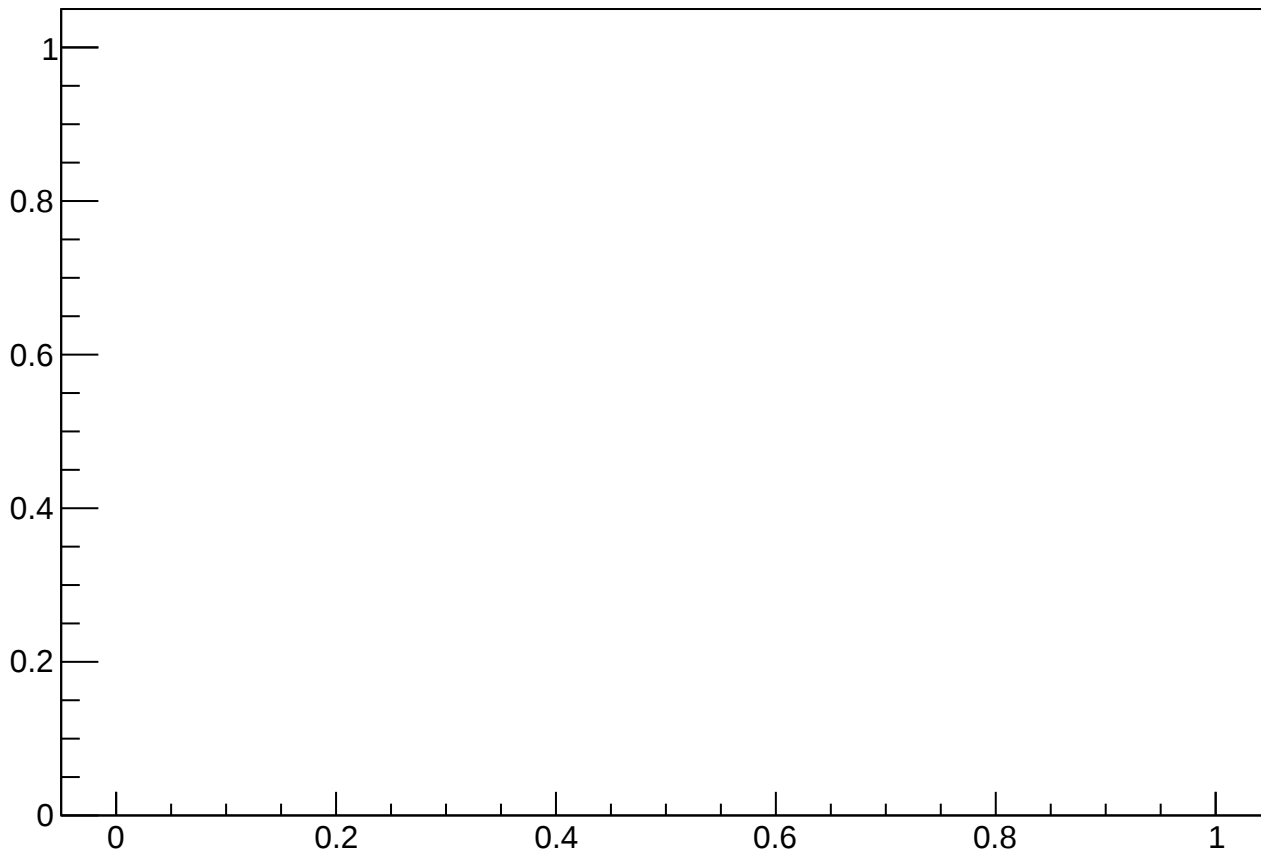
Right: 68.933+/-0.021 χ^2/NDF : 327238.8/14

In: 68.990+/-0.031 χ^2/NDF : 165317.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.933+/-0.021 χ^2/NDF : 327238.8/14

asym_sam8_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

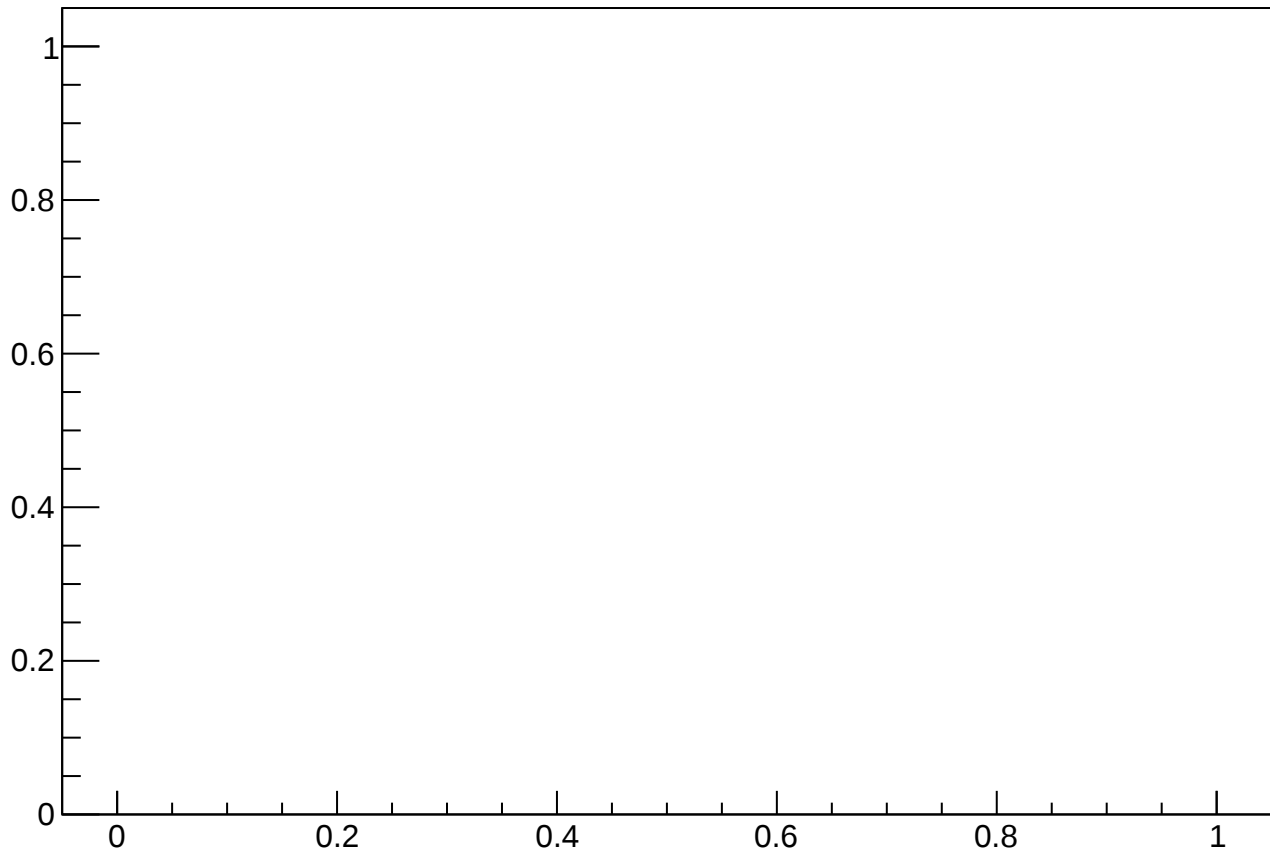
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_sam8_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

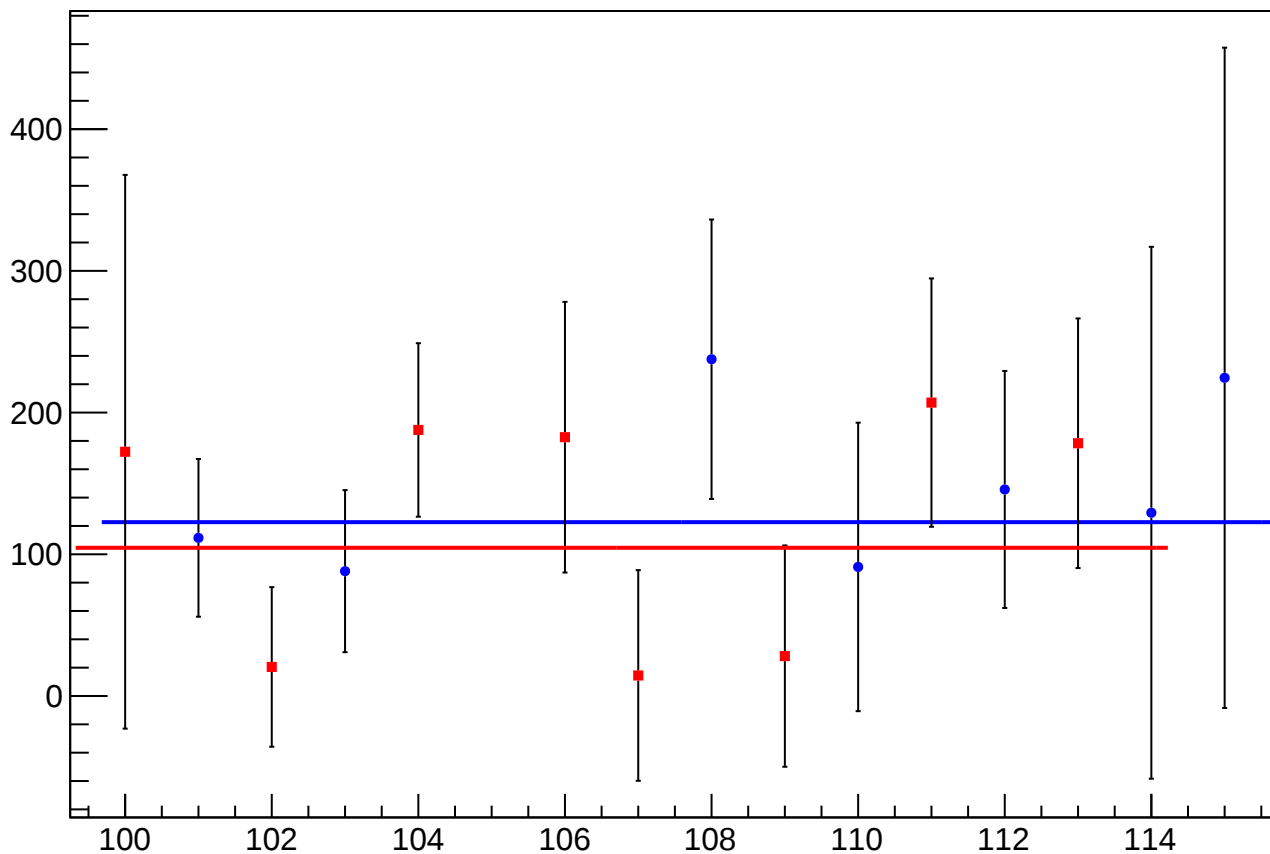
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 122.669+/-31.345 χ^2/NDF : 2.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.594+/-27.502 χ^2/NDF : 9.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

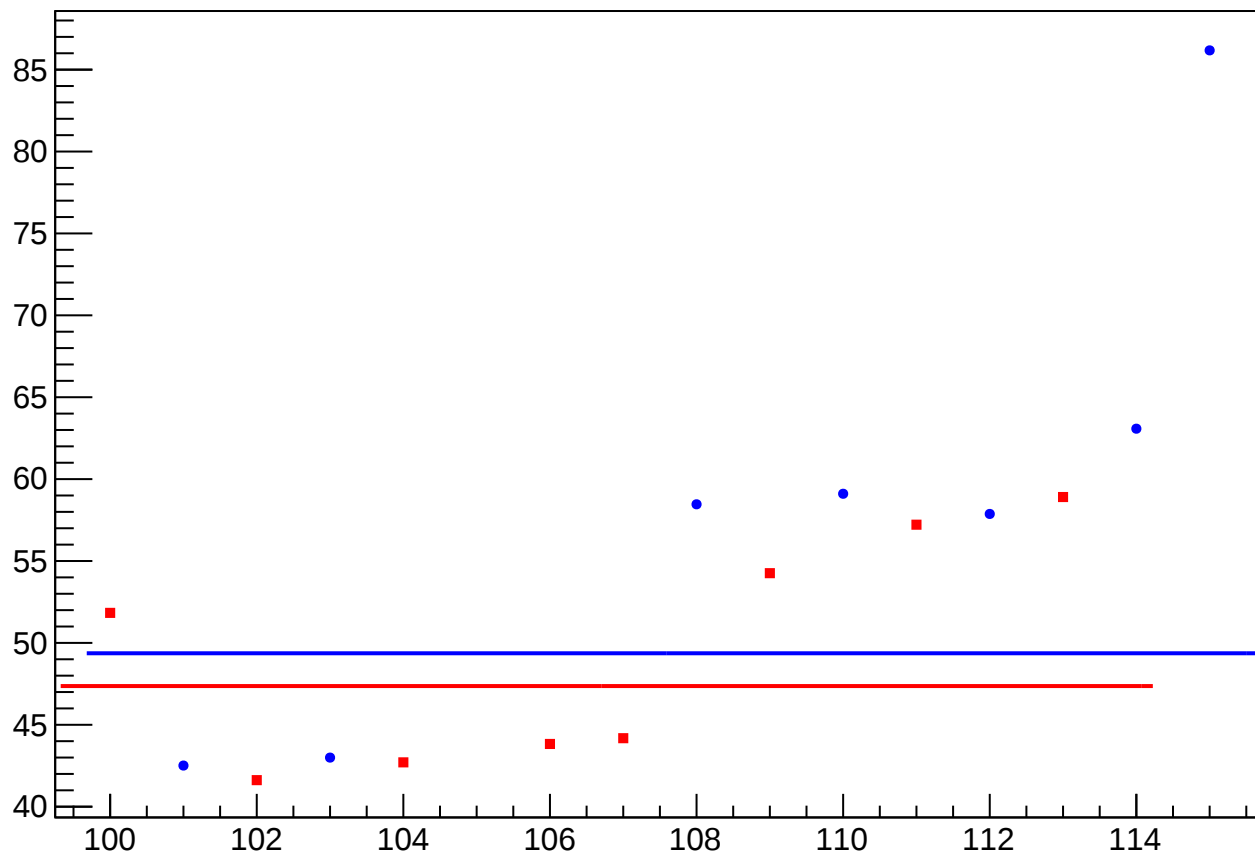
Right: 112.456+/-20.673 χ^2/NDF : 11.7/14

In: 122.669+/-31.345 χ^2/NDF : 2.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.456+/-20.673 χ^2/NDF : 11.7/14

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 49.367+/-0.022 χ^2/NDF : 171802.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.365+/-0.019 χ^2/NDF : 115046.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

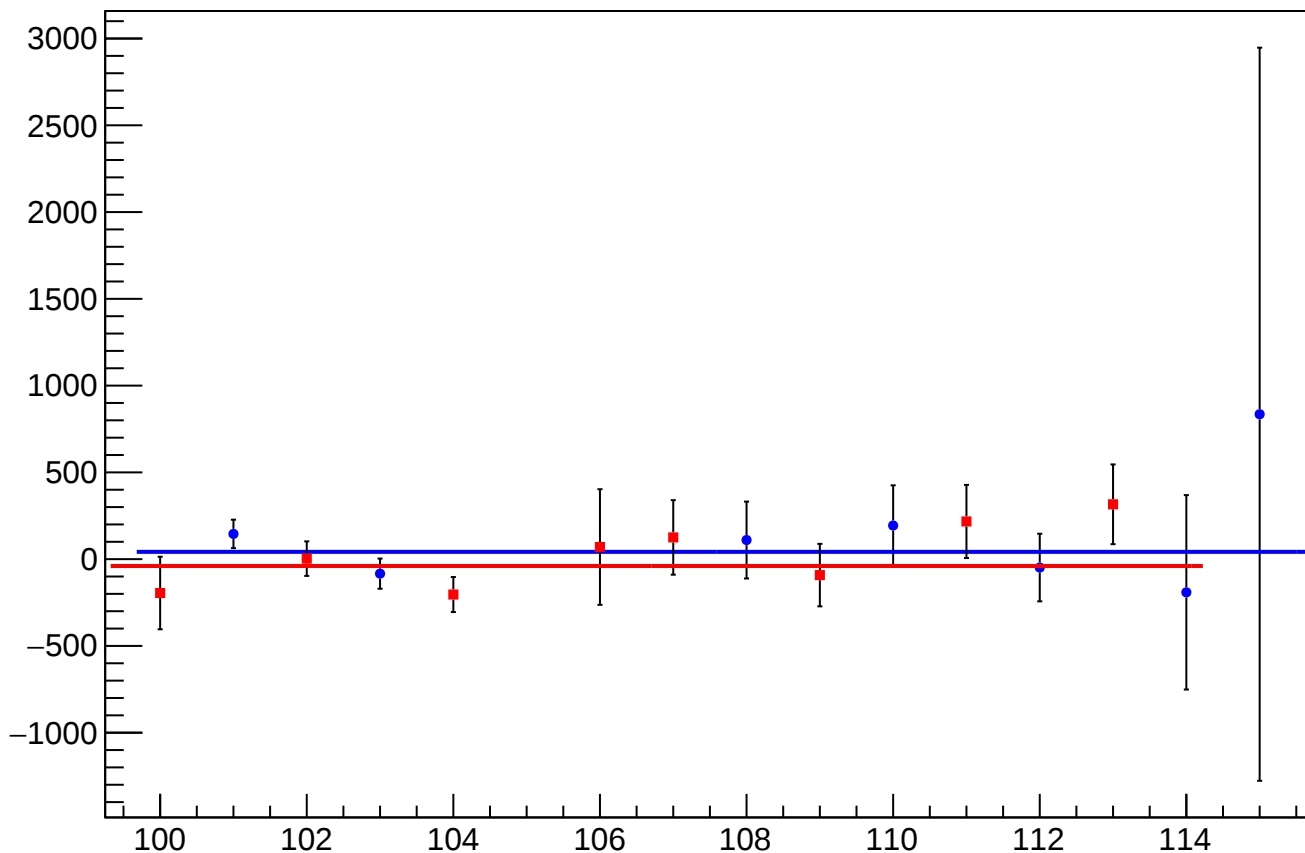
Right: 48.236+/-0.015 χ^2/NDF : 291457.7/14

In: 49.367+/-0.022 χ^2/NDF : 171802.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.236+/-0.015 χ^2/NDF : 291457.7/14

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 42.078+/-53.472 χ^2/NDF : 4.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -39.452+/-55.455 χ^2/NDF : 8.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

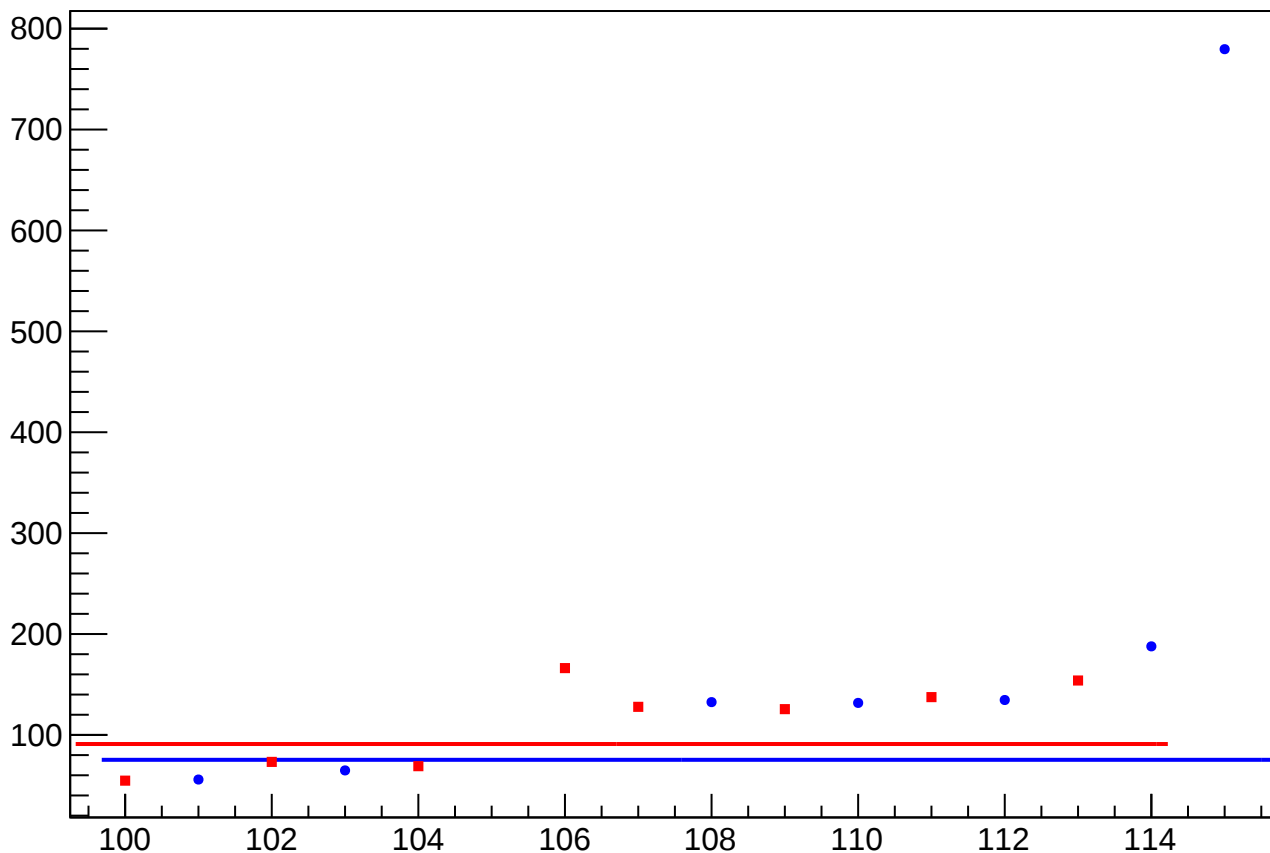
Right: 2.797+/-38.493 χ^2/NDF : 13.9/14

In: 42.078+/-53.472 χ^2/NDF : 4.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.797+/-38.493 χ^2/NDF : 13.9/14

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 75.335+/-0.038 χ^2/NDF : 882869.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.993+/-0.039 χ^2/NDF : 700735.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

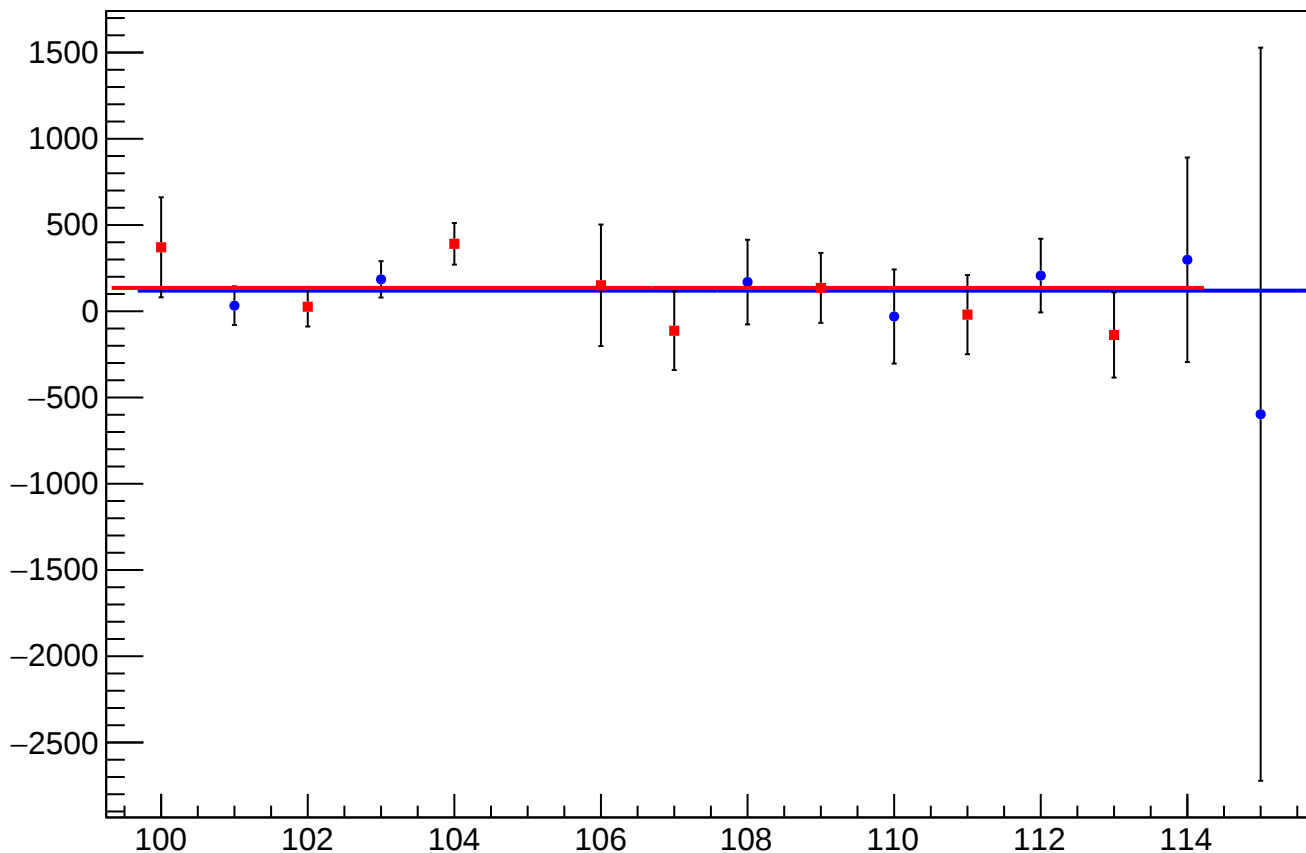
Right: 82.879+/-0.027 χ^2/NDF : 1666232.2/14

In: 75.335+/-0.038 χ^2/NDF : 882869.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.879+/-0.027 χ^2/NDF : 1666232.2/14

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 119.588 $\pm$ 66.707 χ^2 /NDF: 1.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 135.383 $\pm$ 64.069 χ^2 /NDF: 8.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

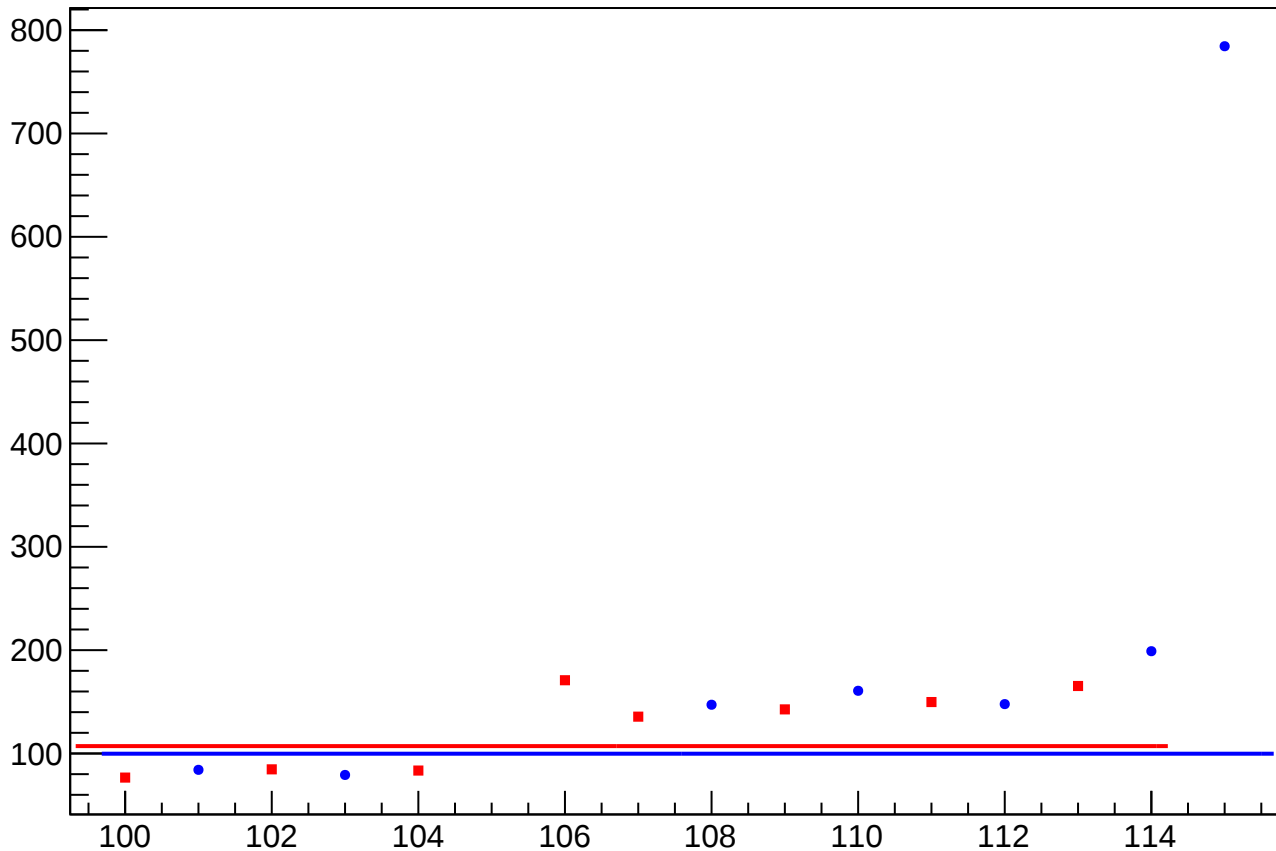
Right: 127.804 $\pm$ 46.208 χ^2 /NDF: 10.7/14

In: 119.588 $\pm$ 66.707 χ^2 /NDF: 1.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 127.804 $\pm$ 46.208 χ^2 /NDF: 10.7/14

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 99.792+/-0.047 χ^2/NDF : 653736.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.145+/-0.045 χ^2/NDF : 514299.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

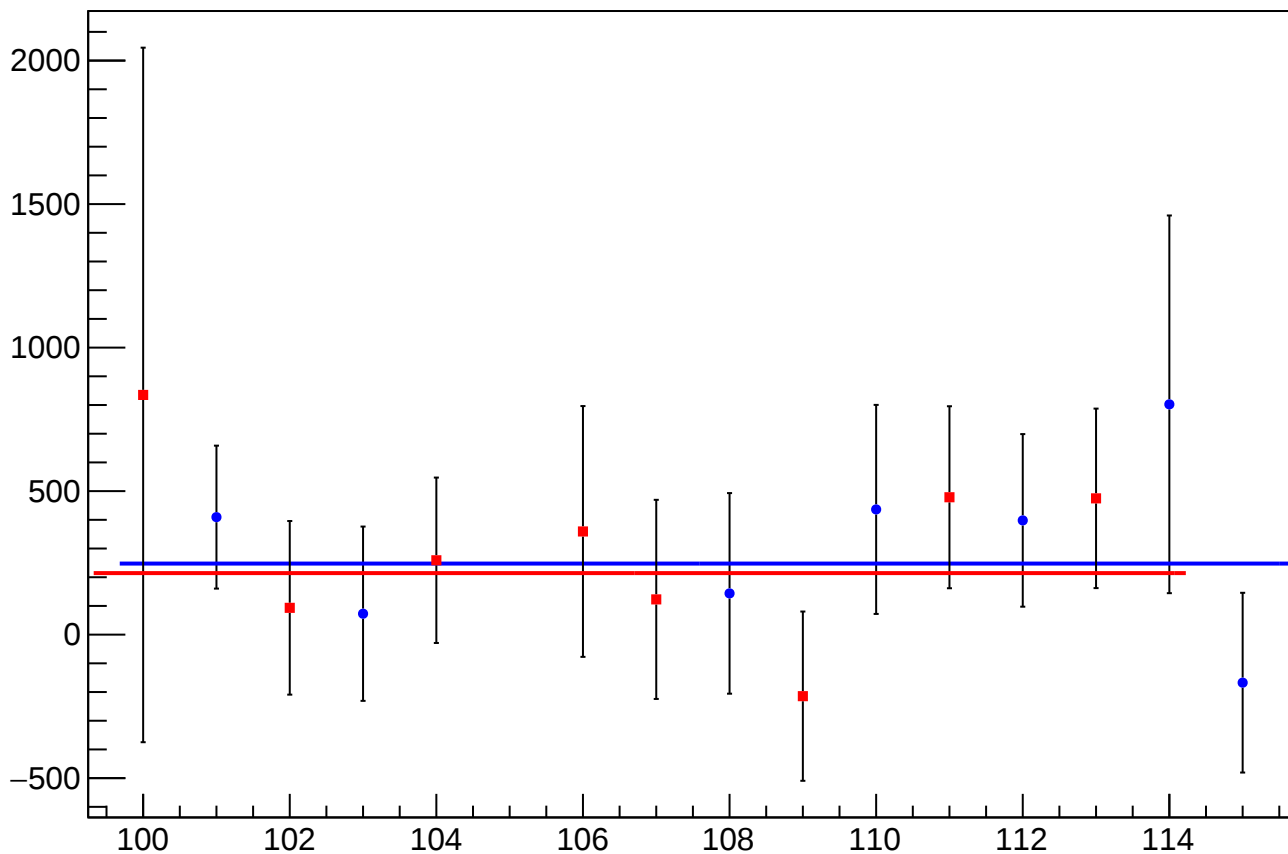
Right: 103.617+/-0.033 χ^2/NDF : 1180676.4/14

In: 99.792+/-0.047 χ^2/NDF : 653736.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.617+/-0.033 χ^2/NDF : 1180676.4/14

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 247.574 $\pm$ 122.837 χ^2 /NDF: 3.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 214.368 $\pm$ 120.485 χ^2 /NDF: 4.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

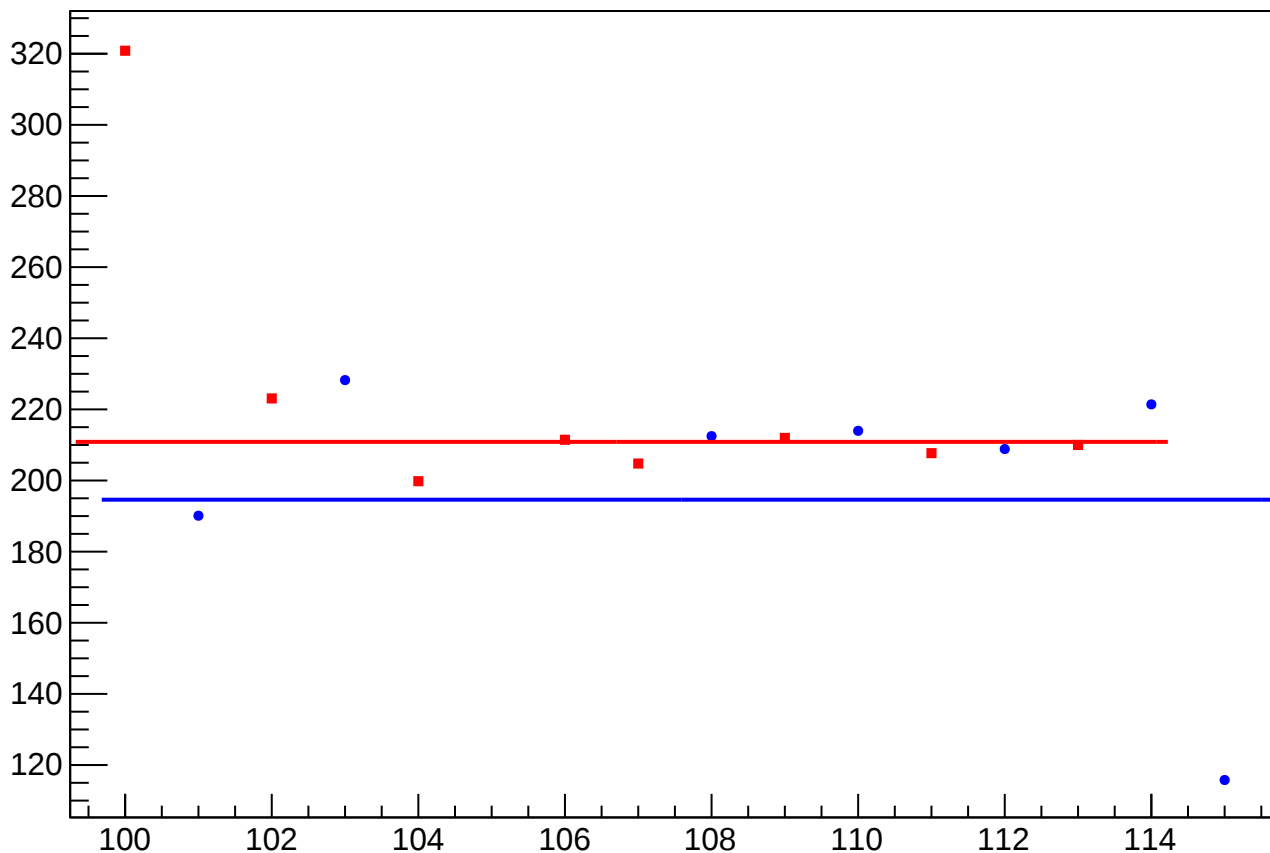
Right: 230.650 $\pm$ 86.015 χ^2 /NDF: 8.0/14

In: 247.574 $\pm$ 122.837 χ^2 /NDF:3.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 230.650 $\pm$ 86.015 χ^2 /NDF: 8.0/14

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 194.609+/-0.087 χ^2/NDF : 170616.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 210.869+/-0.085 χ^2/NDF : 23602.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

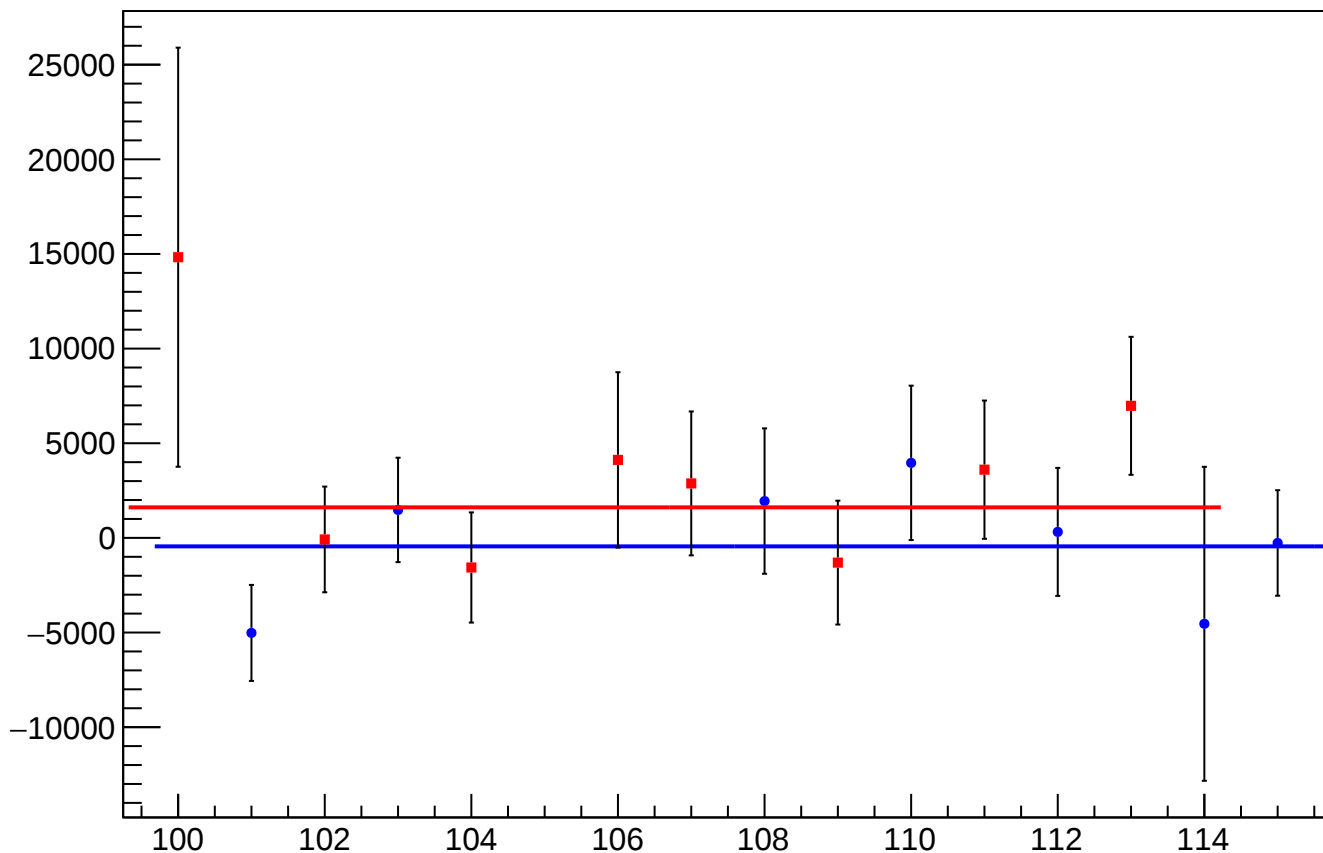
Right: 202.896+/-0.061 χ^2/NDF : 212079.3/14

In: 194.609+/-0.087 χ^2/NDF : 170616.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 202.896+/-0.061 χ^2/NDF : 212079.3/14

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -448.178+/-1244.633 χ^2/NDF : 5.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1612.967+/-1276.210 χ^2/NDF : 6.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

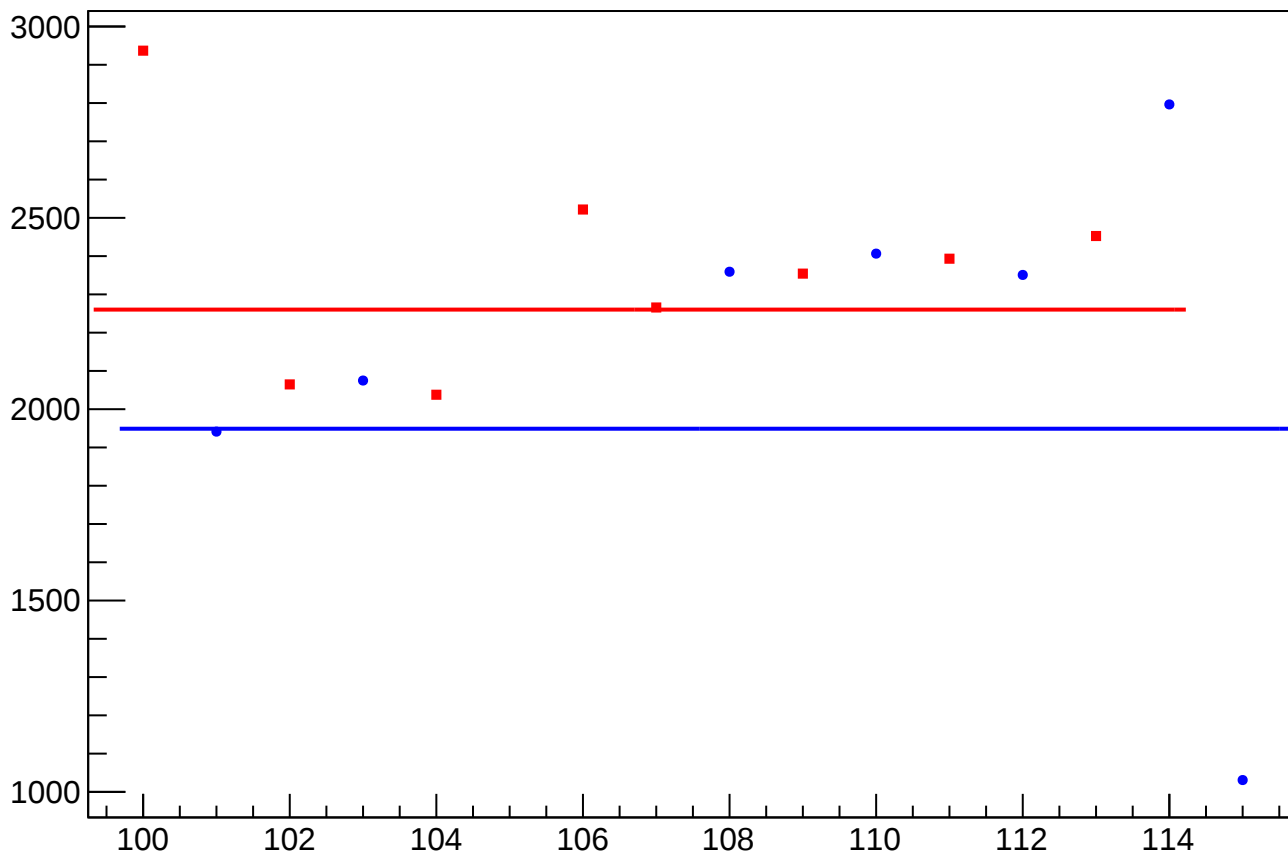
Right: 556.580+/-891.043 χ^2/NDF : 13.6/14

In: -448.178+/-1244.633 χ^2/NDF : 5.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 556.580+/-891.043 χ^2/NDF : 13.6/14

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1948.969+/-0.880 χ^2/NDF : 318231.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2260.263+/-0.902 χ^2/NDF : 45211.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

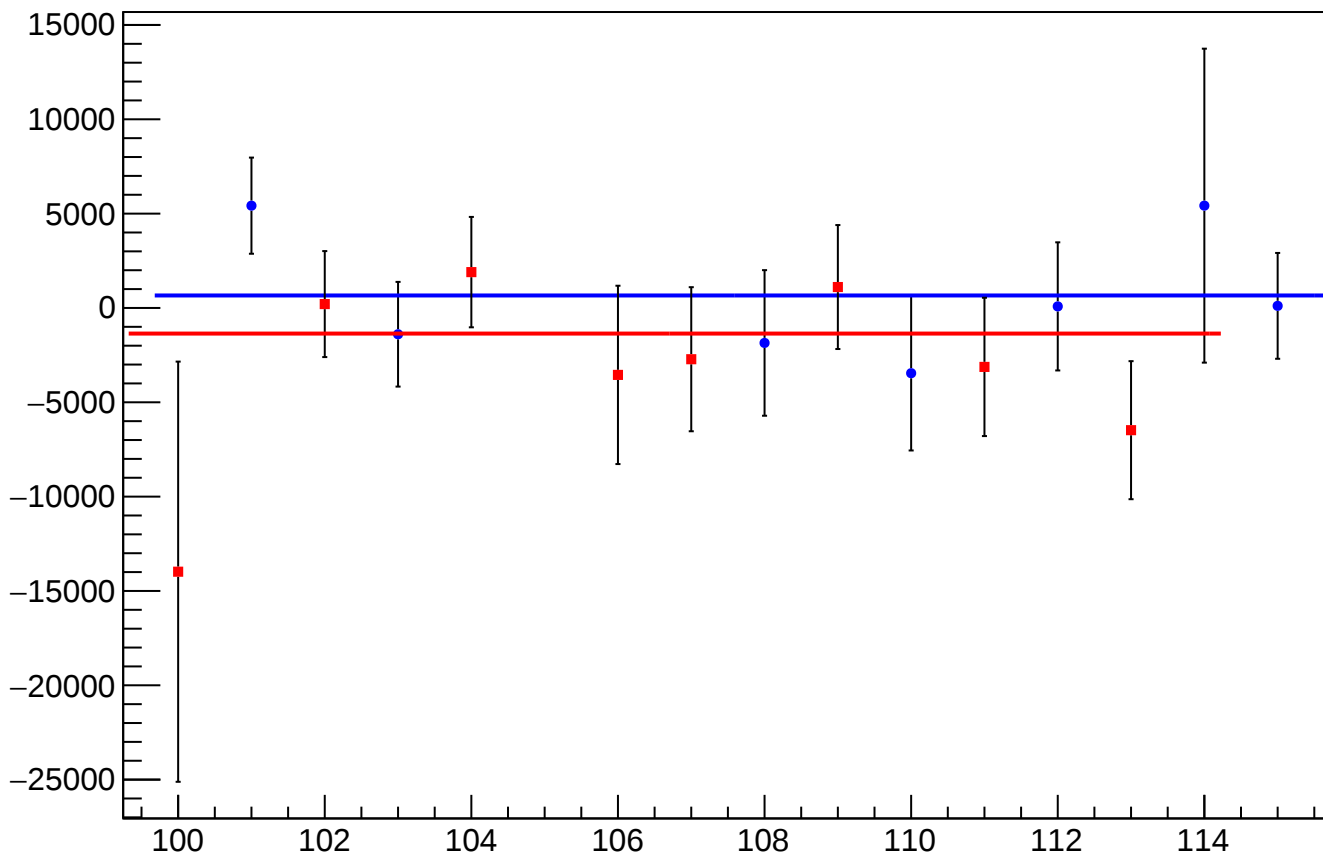
Right: 2100.717+/-0.630 χ^2/NDF : 424430.5/14

In: 1948.969+/-0.880 χ^2/NDF : 318231.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2100.717+/-0.630 χ^2/NDF : 424430.5/14

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 662.028+/-1251.085 χ^2/NDF : 5.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1357.602+/-1283.765 χ^2/NDF : 5.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

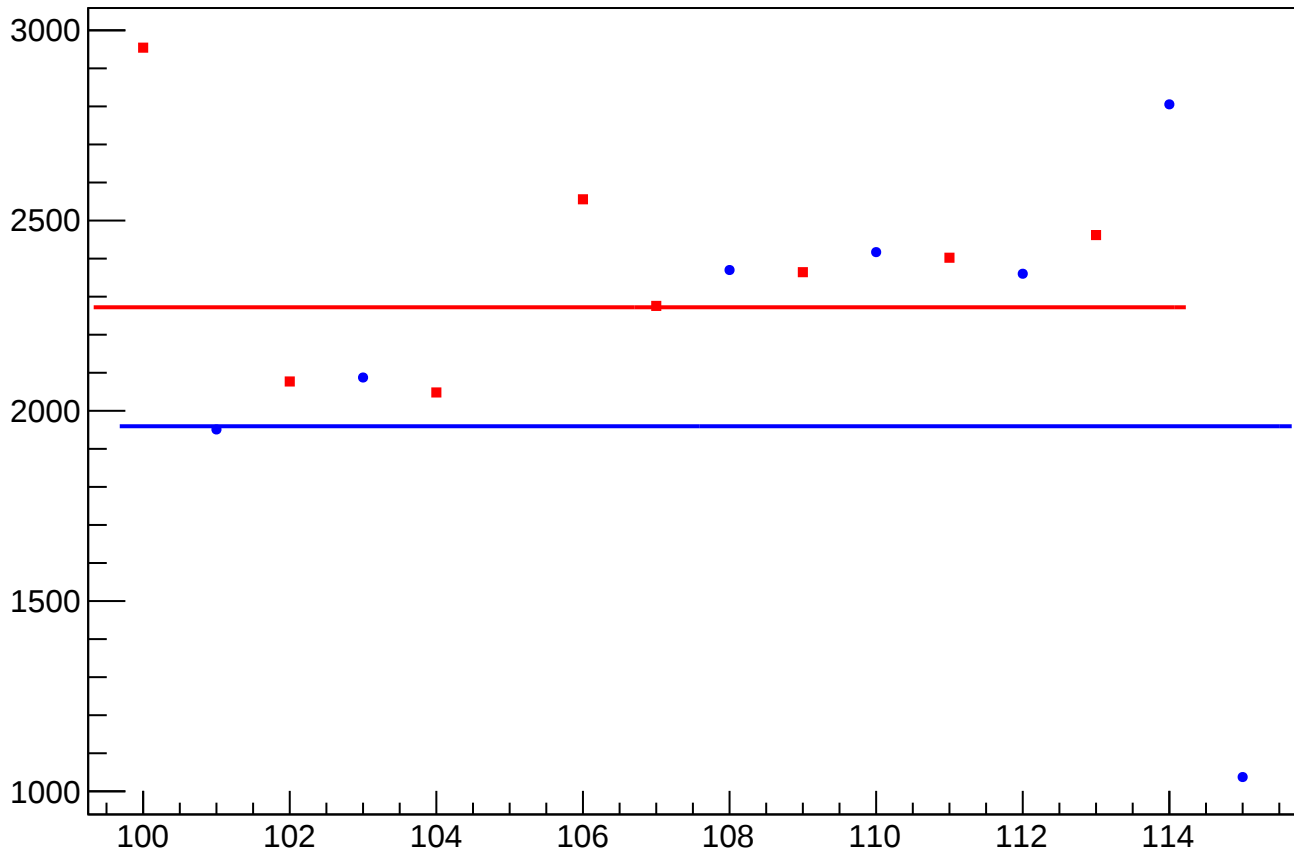
Right: -321.753+/-895.981 χ^2/NDF : 13.1/14

In: 662.028+/-1251.085 χ^2/NDF : 5.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -321.753+/-895.981 χ^2/NDF : 13.1/14

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1959.430+/-0.885 χ^2/NDF : 316486.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2272.103+/-0.908 χ^2/NDF : 45556.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

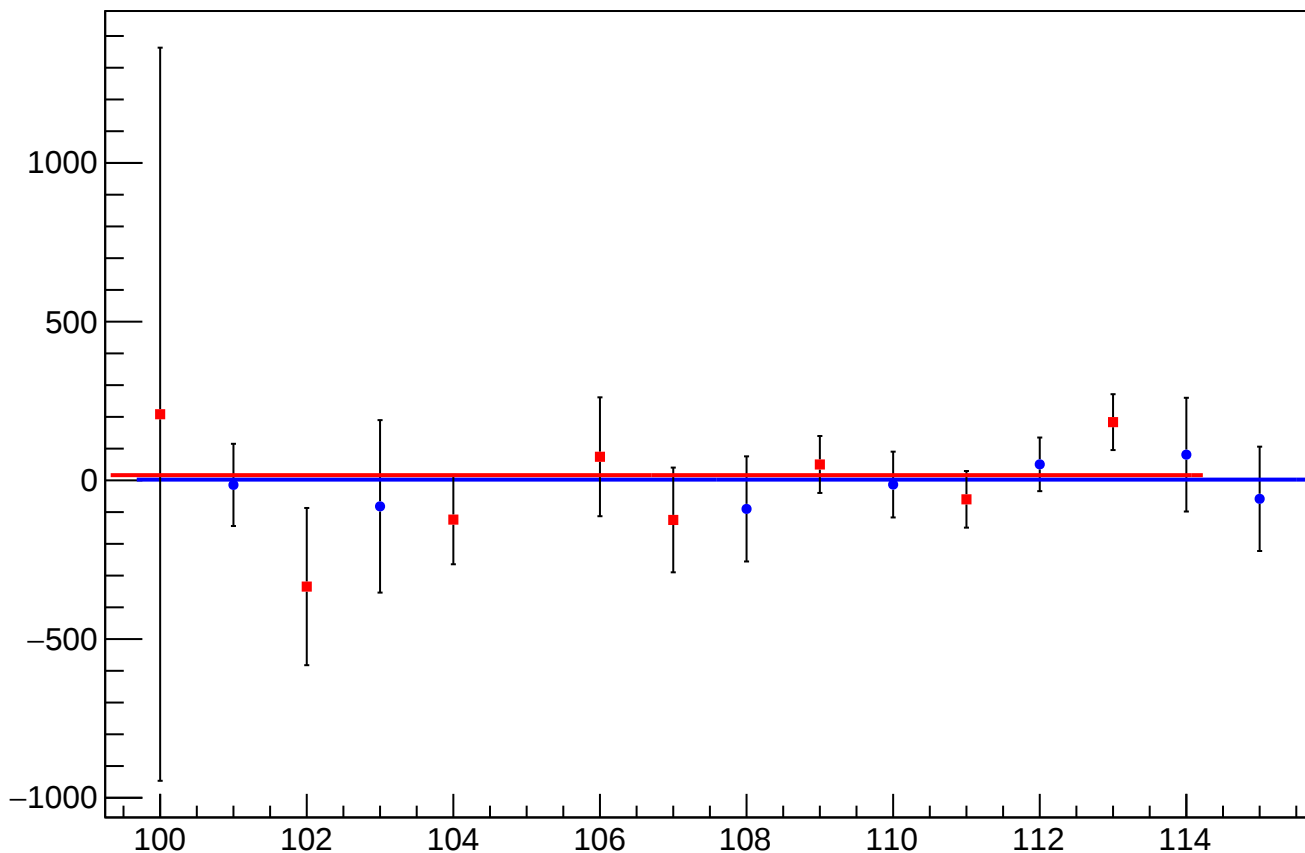
Right: 2111.736+/-0.634 χ^2/NDF : 422893.7/14

In: 1959.430+/-0.885 χ^2/NDF : 316486.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2111.736+/-0.634 χ^2/NDF : 422893.7/14

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 2.370+/-49.321 χ^2/NDF : 1.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.412+/-44.201 χ^2/NDF : 8.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

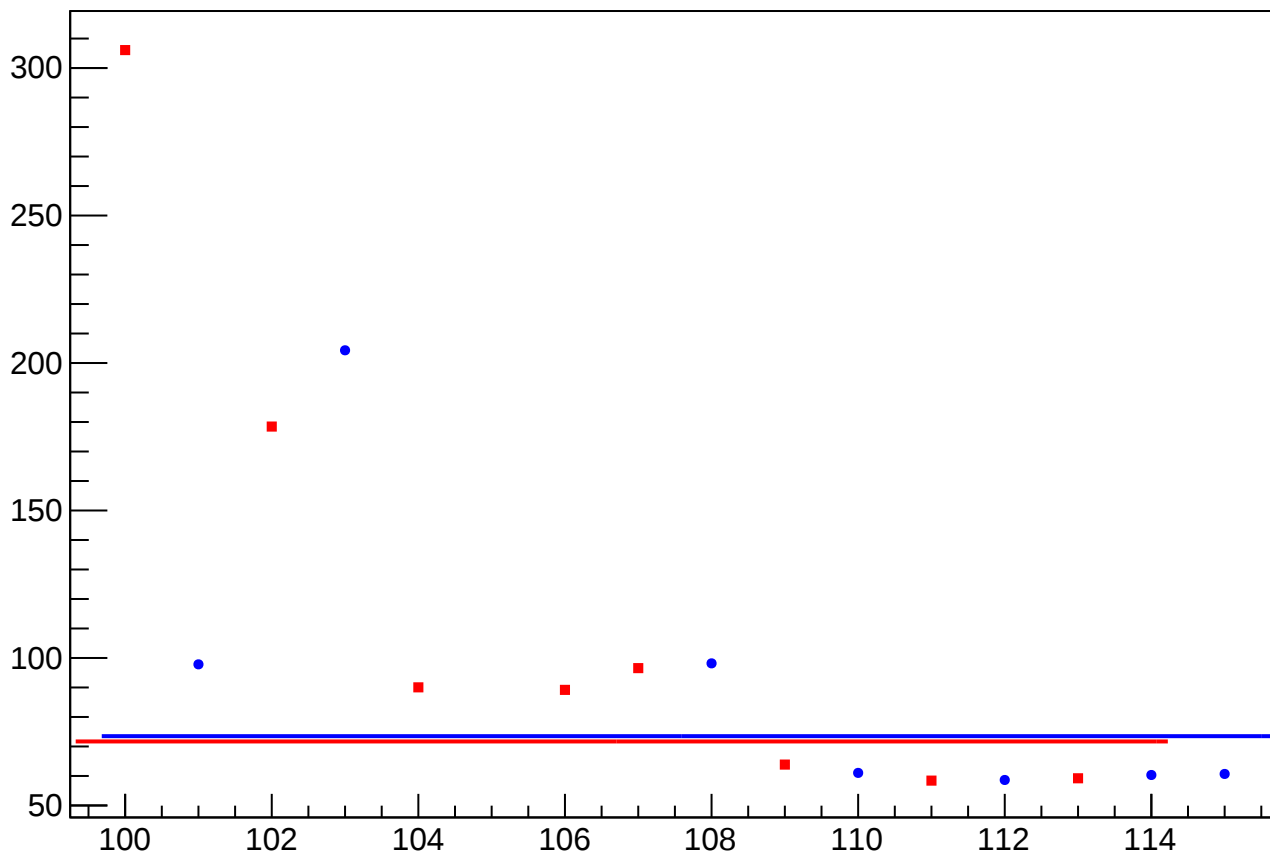
Right: 10.157+/-32.917 χ^2/NDF : 9.5/14

In: 2.370+/-49.321 χ^2/NDF : 1.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.157+/-32.917 χ^2/NDF : 9.5/14

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 73.492 $\pm$ 0.035 χ^2 /NDF: 692381.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 71.702 $\pm$ 0.031 χ^2 /NDF: 650718.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

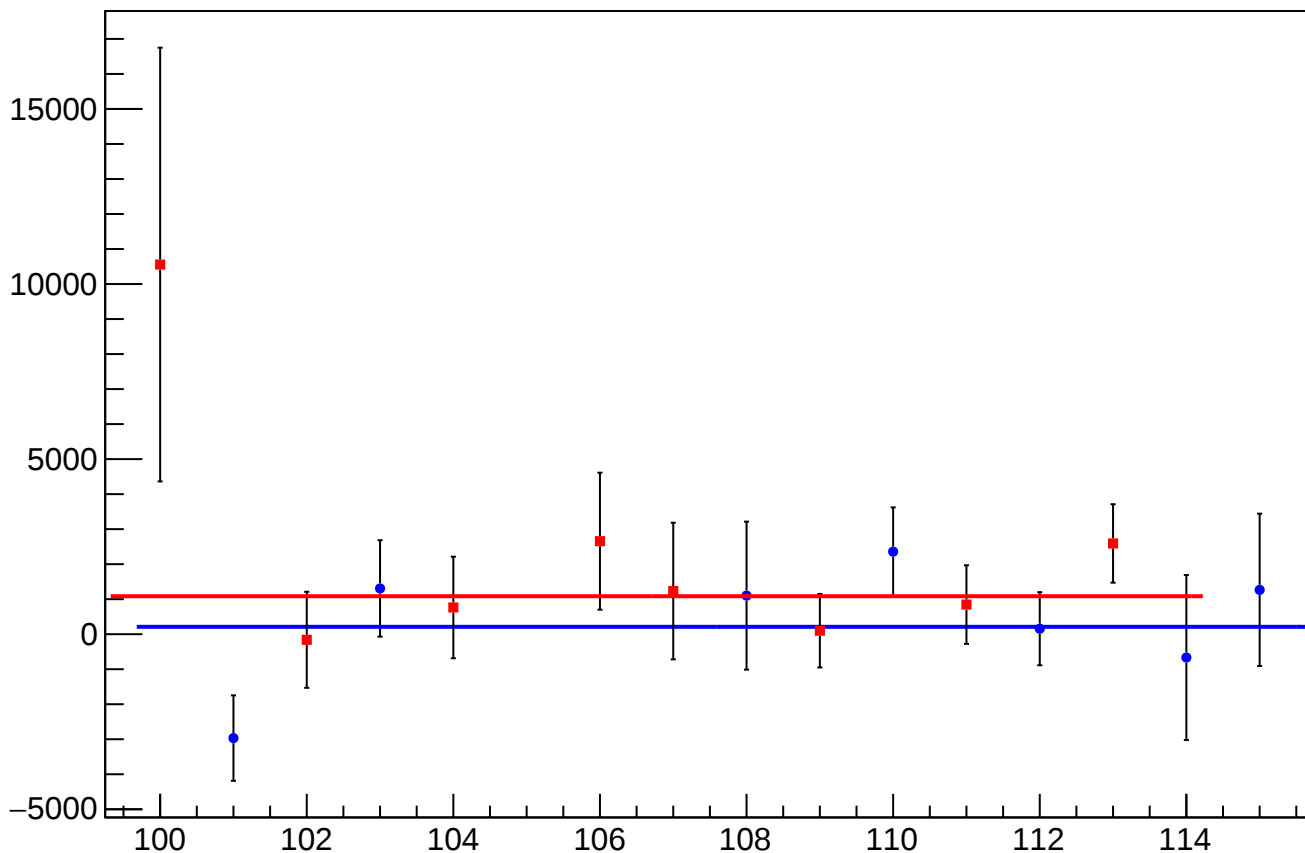
Right: 72.499 $\pm$ 0.023 χ^2 /NDF: 1344561.4/14

In: 73.492 $\pm$ 0.035 χ^2 /NDF: 692381.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 72.499 $\pm$ 0.023 χ^2 /NDF: 1344561.4/14

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: 210.732+/-545.703 χ^2/NDF : 10.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1084.404+/-496.577 χ^2/NDF : 6.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

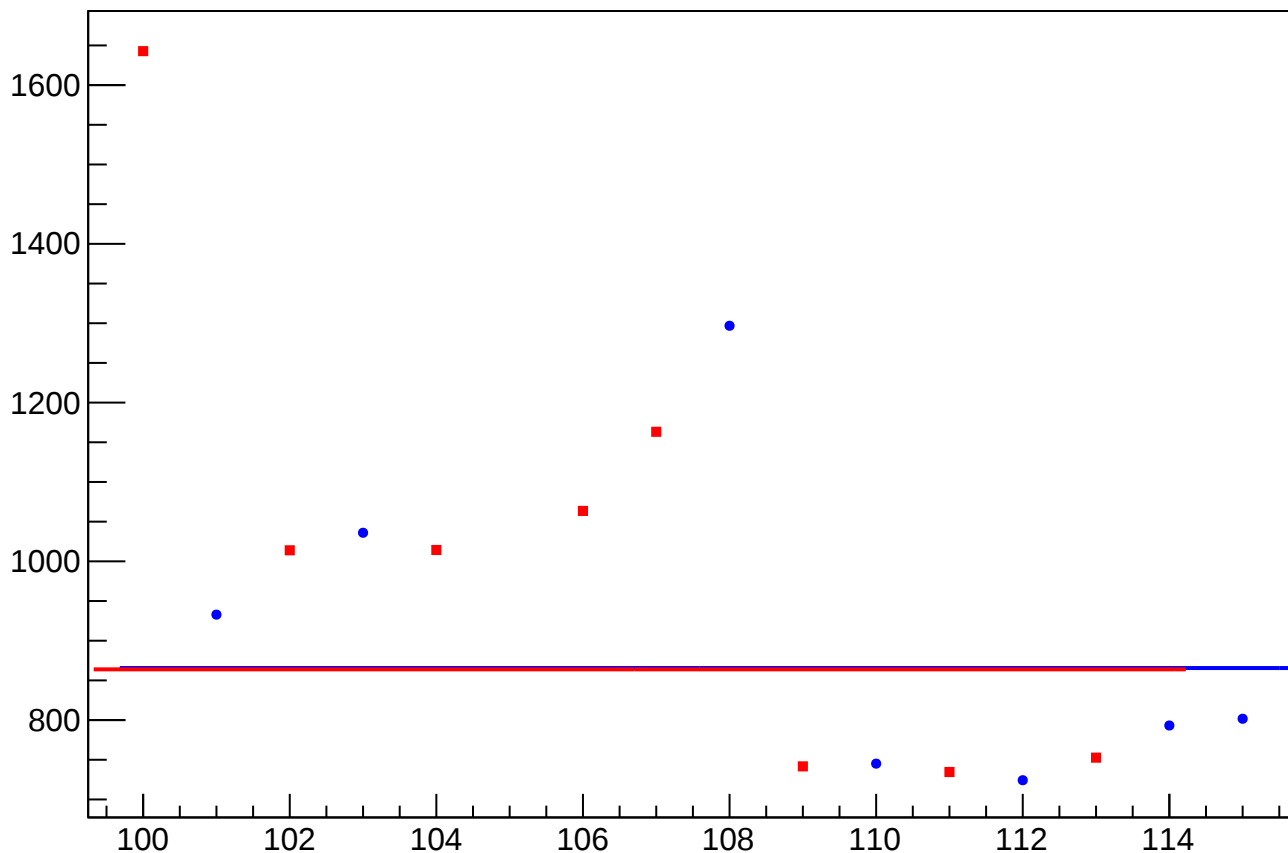
Right: 688.656+/-367.275 χ^2/NDF : 18.9/14

In: 210.732+/-545.703 χ^2/NDF : 10.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 688.656+/-367.275 χ^2/NDF : 18.9/14

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 865.569+/-0.386 χ^2/NDF : 178449.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 863.906+/-0.351 χ^2/NDF : 218308.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

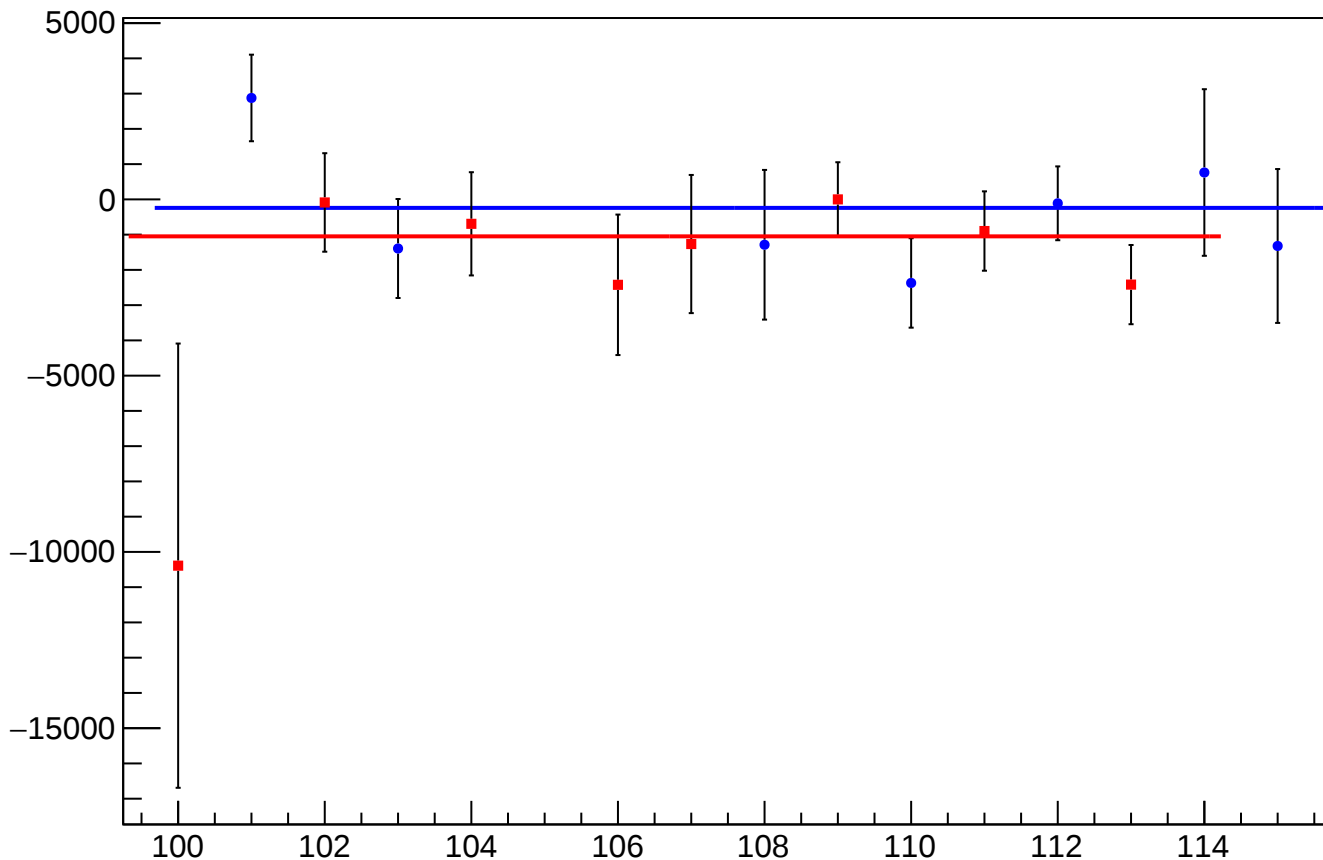
Right: 864.659+/-0.260 χ^2/NDF : 396768.6/14

In: 865.569+/-0.386 χ^2/NDF : 178449.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 864.659+/-0.260 χ^2/NDF : 396768.6/14

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -241.151+/-549.230 χ^2/NDF : 10.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1048.841+/-500.110 χ^2/NDF : 5.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

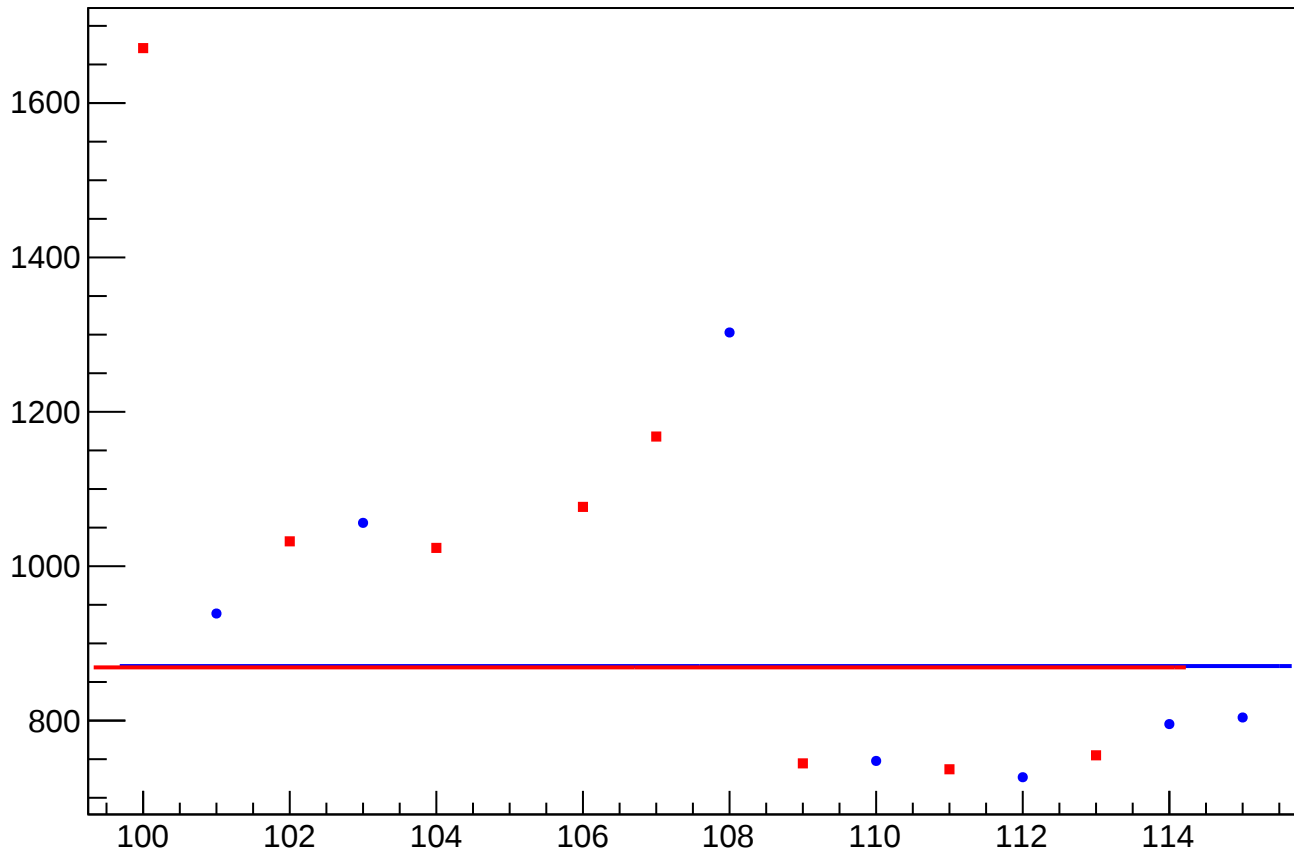
Right: -682.722+/-369.780 χ^2/NDF : 17.5/14

In: -241.151+/-549.230 χ^2/NDF : 10.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -682.722+/-369.780 χ^2/NDF : 17.5/14

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 870.649+/-0.388 χ^2/NDF : 184439.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 868.924+/-0.354 χ^2/NDF : 226374.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

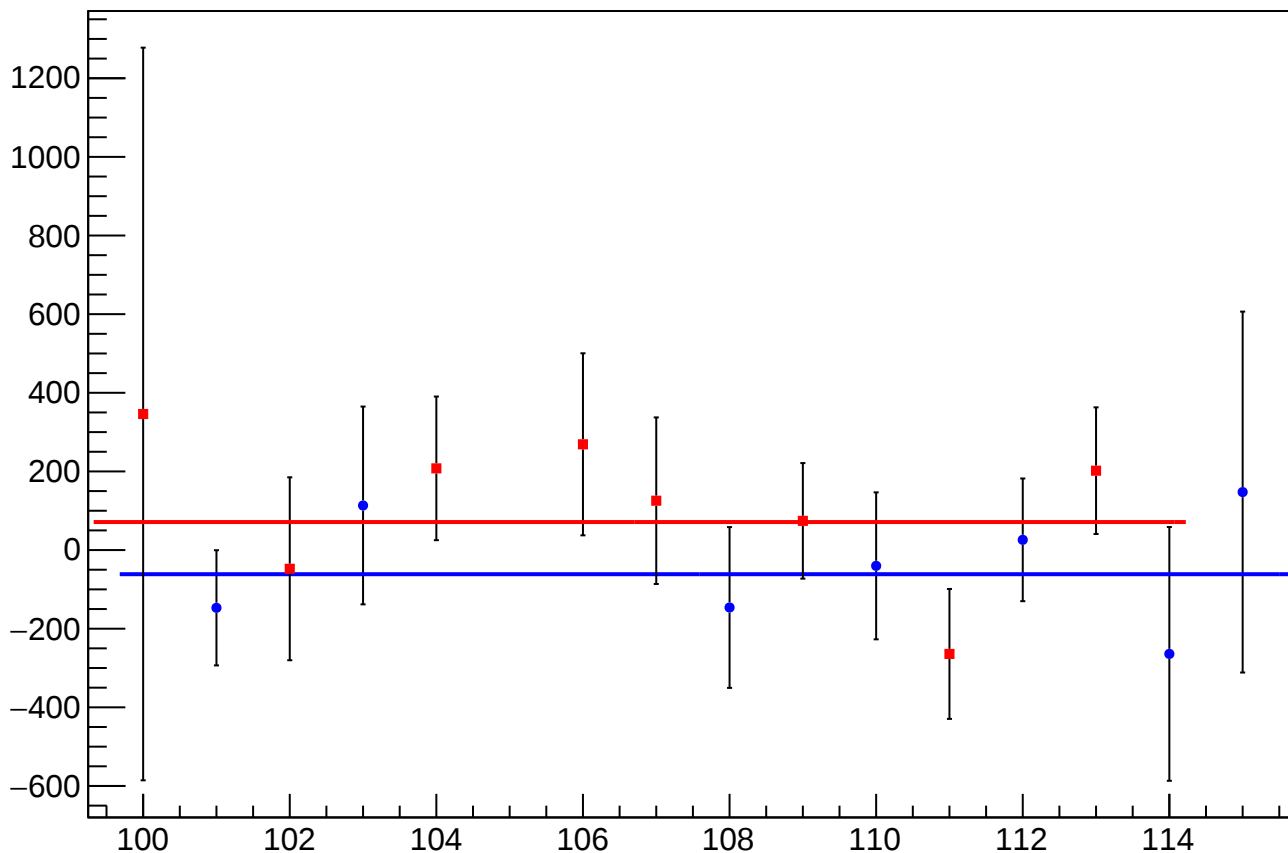
Right: 869.706+/-0.261 χ^2/NDF : 410825.0/14

In: 870.649+/-0.388 χ^2/NDF : 184439.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 869.706+/-0.261 χ^2/NDF : 410825.0/14

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -61.414 ± 76.614 χ^2/NDF : 1.9/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 71.251 ± 68.679 χ^2/NDF : 6.5/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

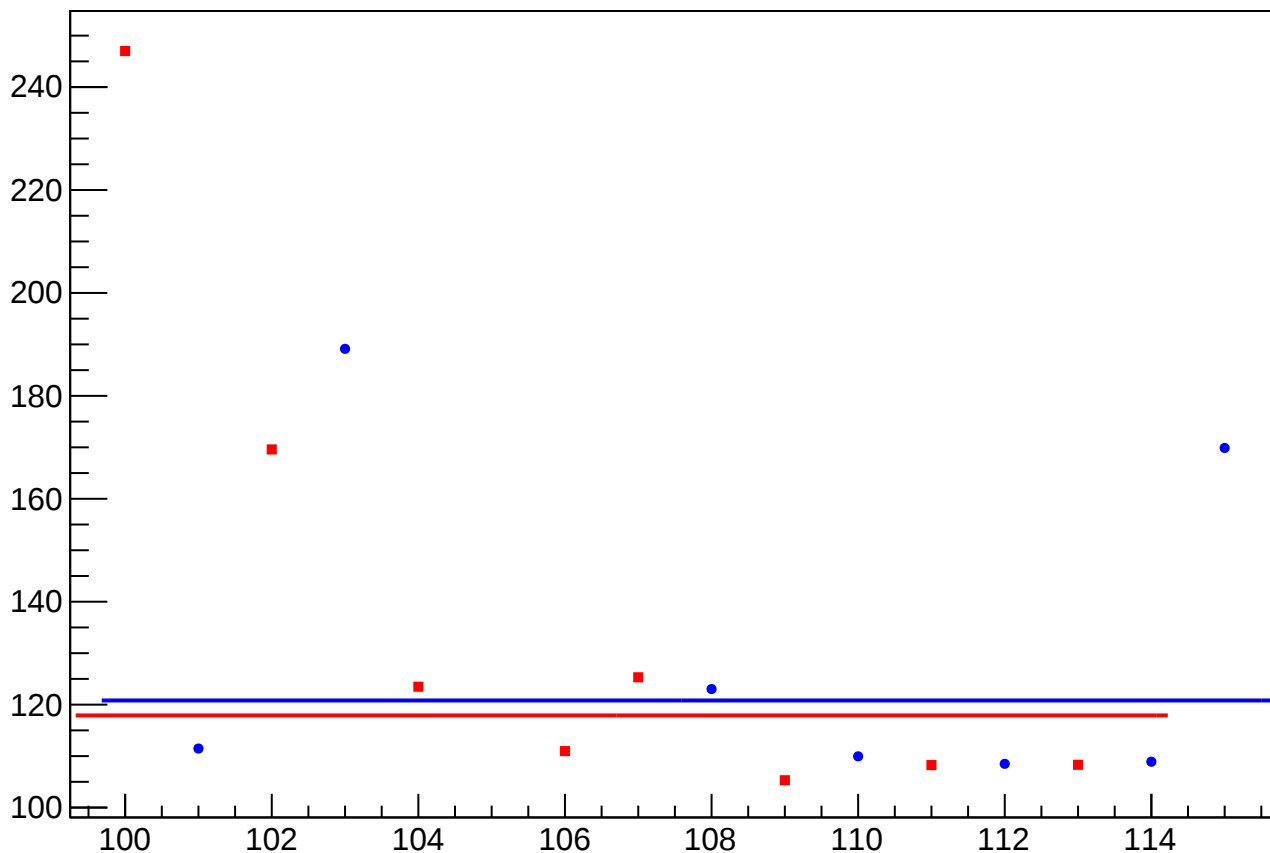
Right: 12.143 ± 51.139 χ^2/NDF : 10.1/14

In: -61.414 ± 76.614 χ^2/NDF : 1.9/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 12.143 ± 51.139 χ^2/NDF : 10.1/14

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 120.809+/-0.054 χ^2/NDF : 200707.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.904+/-0.049 χ^2/NDF : 171823.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

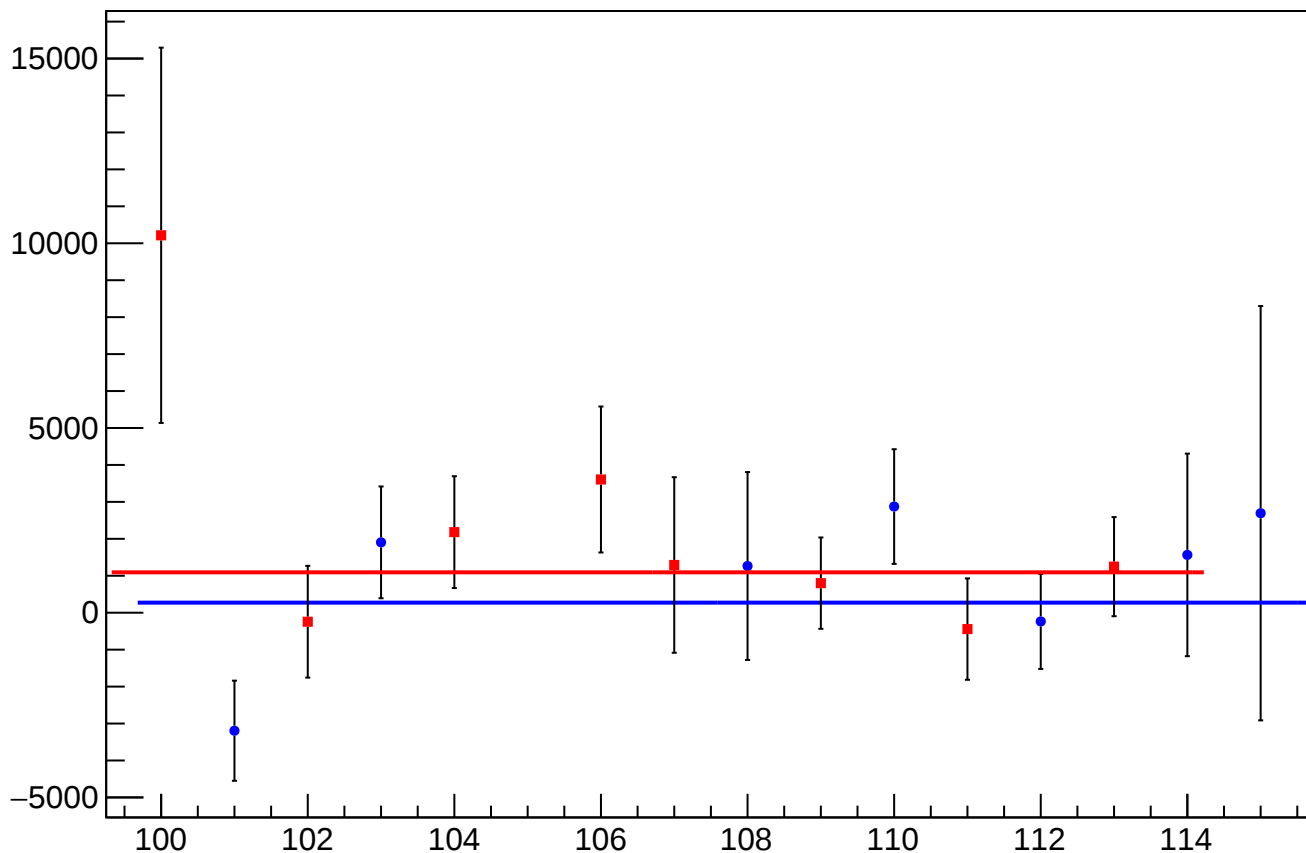
Right: 119.198+/-0.036 χ^2/NDF : 374126.4/14

In: 120.809+/-0.054 χ^2/NDF : 200707.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.198+/-0.036 χ^2/NDF : 374126.4/14

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: 272.437+/-656.352 χ^2/NDF : 11.2/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1093.172+/-569.173 χ^2/NDF : 7.5/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

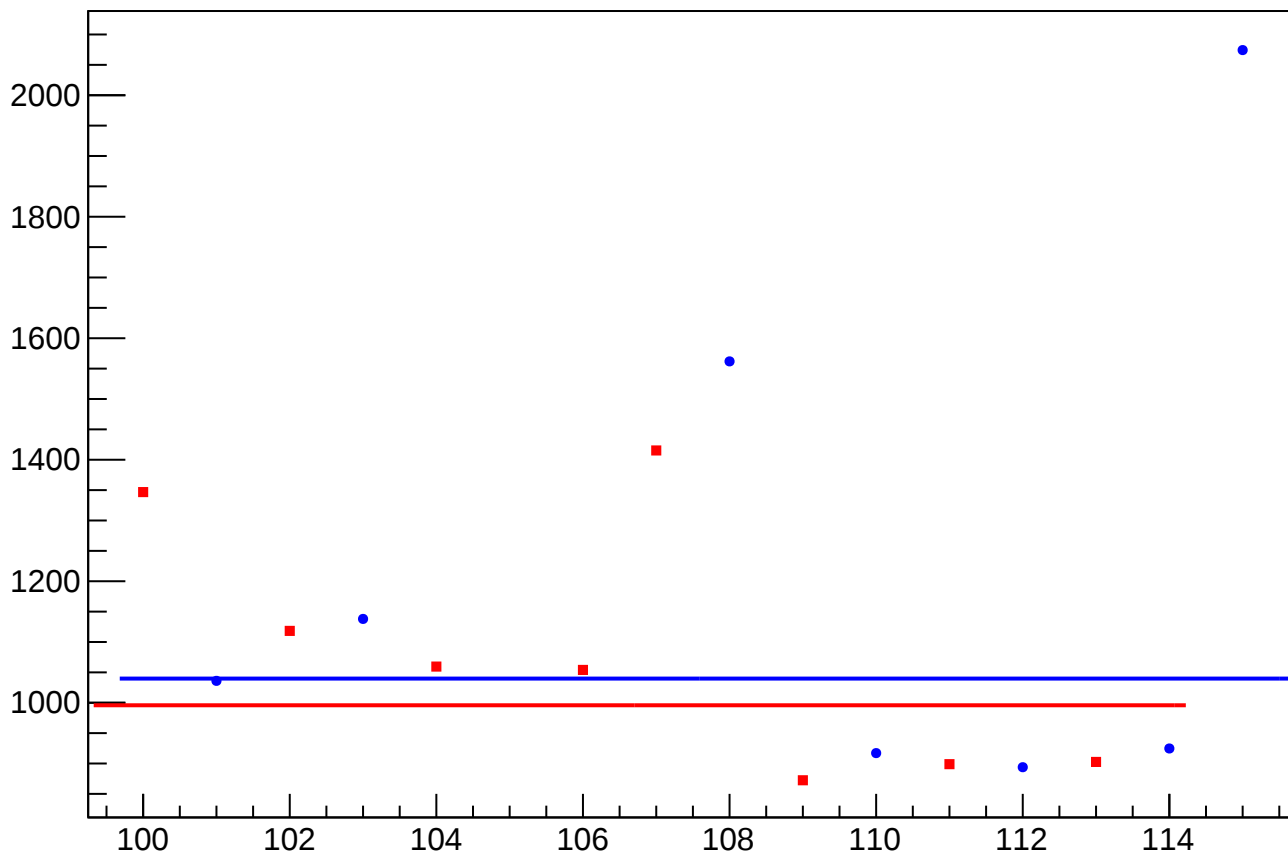
Right: 740.894+/-430.009 χ^2/NDF : 19.6/14

In: 272.437+/-656.352 χ^2/NDF :11.2/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 740.894+/-430.009 χ^2/NDF : 19.6/14

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1039.776+/-0.464 χ^2/NDF : 202630.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 995.843+/-0.402 χ^2/NDF : 129845.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

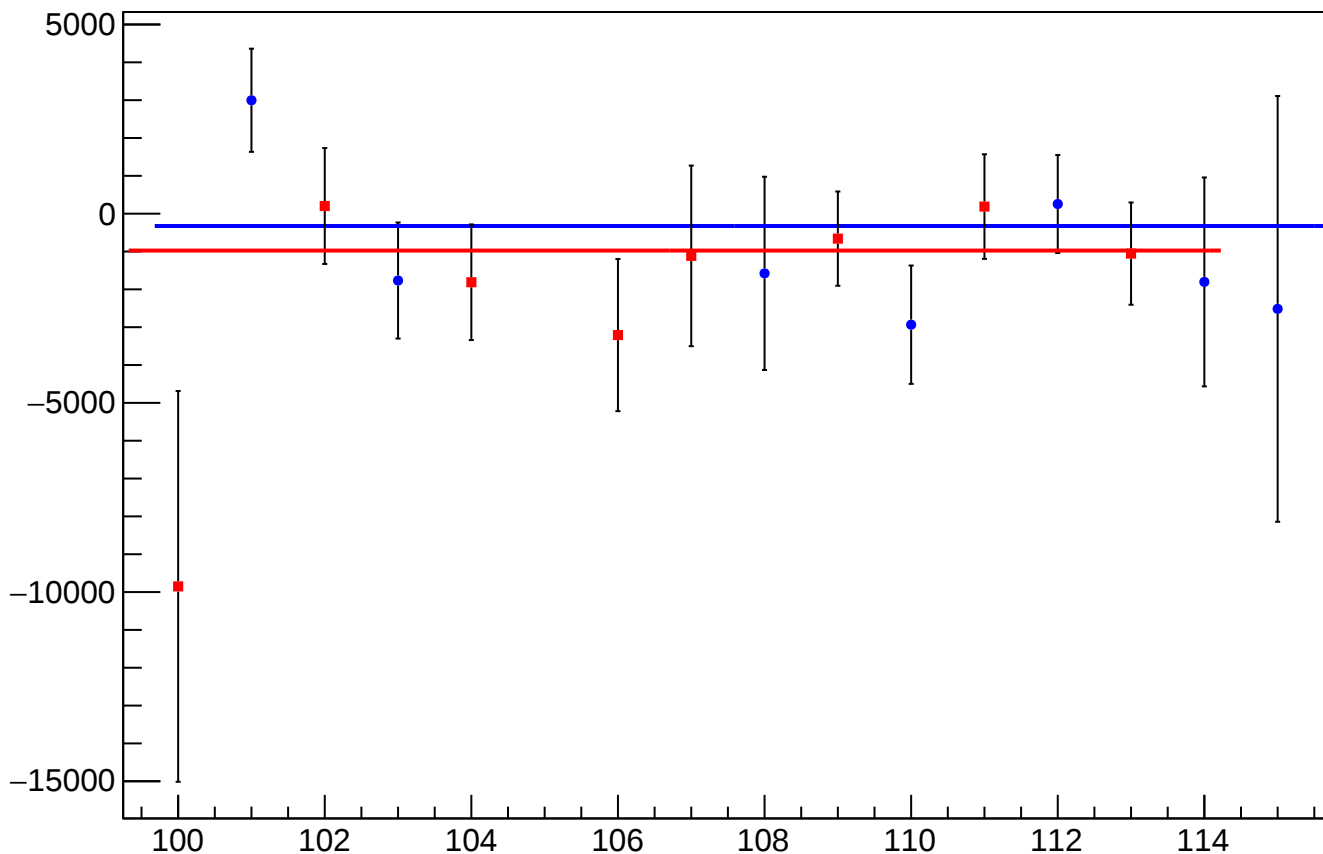
Right: 1014.700+/-0.304 χ^2/NDF : 337591.3/14

In: 1039.776+/-0.464 χ^2/NDF : 202630.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1014.700+/-0.304 χ^2/NDF : 337591.3/14

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -325.608+/-661.604 χ^2/NDF : 10.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -974.372+/-574.410 χ^2/NDF : 5.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

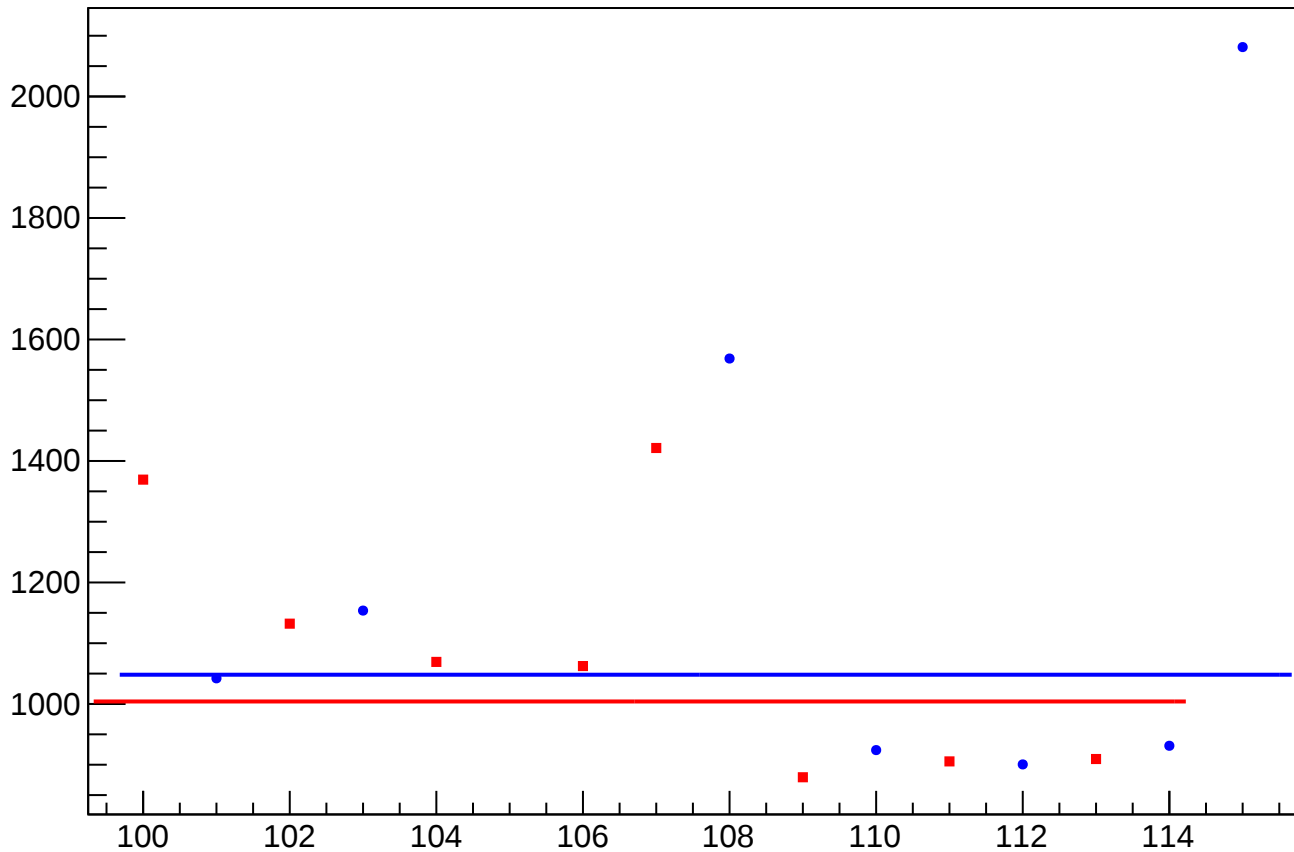
Right: -695.530+/-433.744 χ^2/NDF : 16.9/14

In: -325.608+/-661.604 χ^2/NDF : 10.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -695.530+/-433.744 χ^2/NDF : 16.9/14

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1048.145+/-0.468 χ^2/NDF : 202233.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1004.106+/-0.406 χ^2/NDF : 130537.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

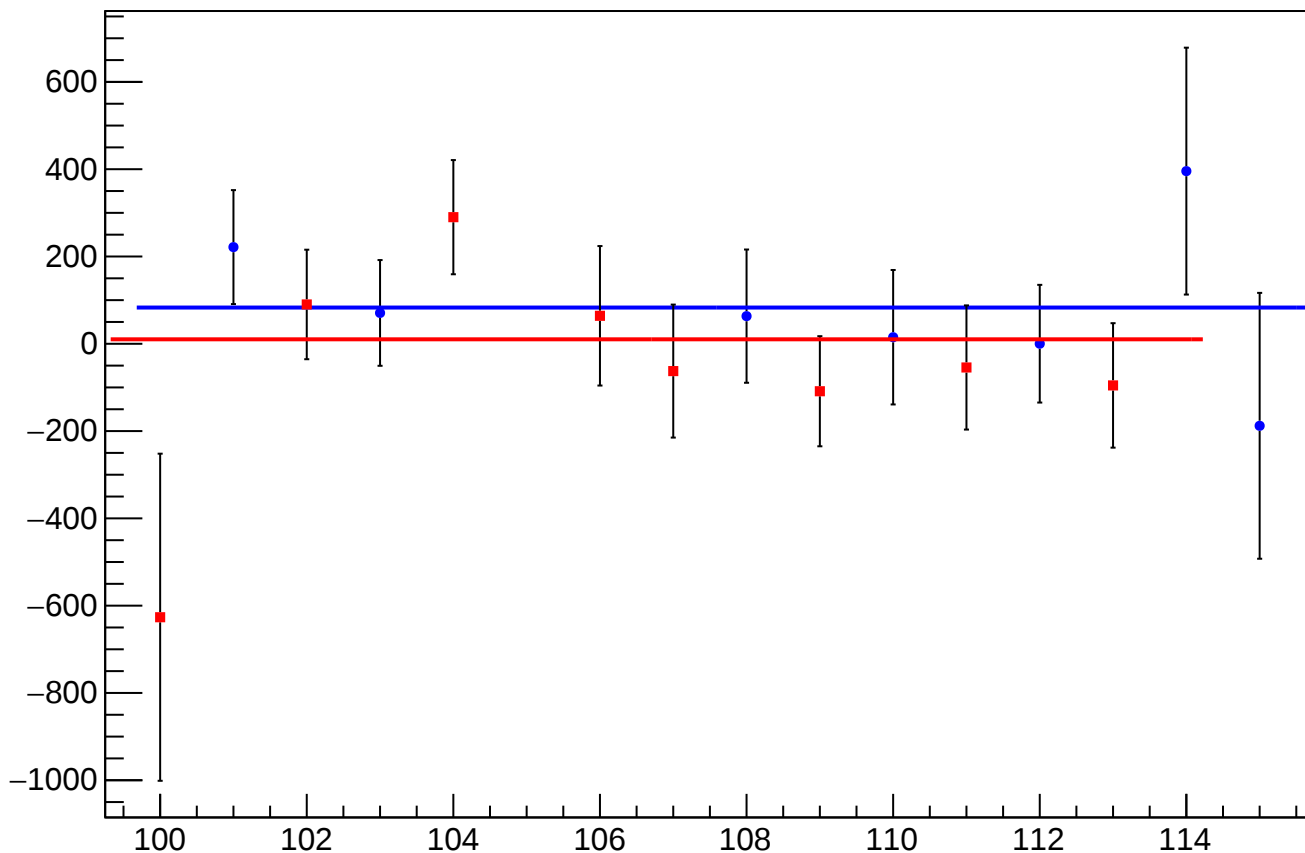
Right: 1023.034+/-0.307 χ^2/NDF : 337823.9/14

In: 1048.145+/-0.468 χ^2/NDF : 202233.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1023.034+/-0.307 χ^2/NDF : 337823.9/14

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 83.033+/-58.710 χ^2/NDF : 3.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.248+/-51.794 χ^2/NDF : 9.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

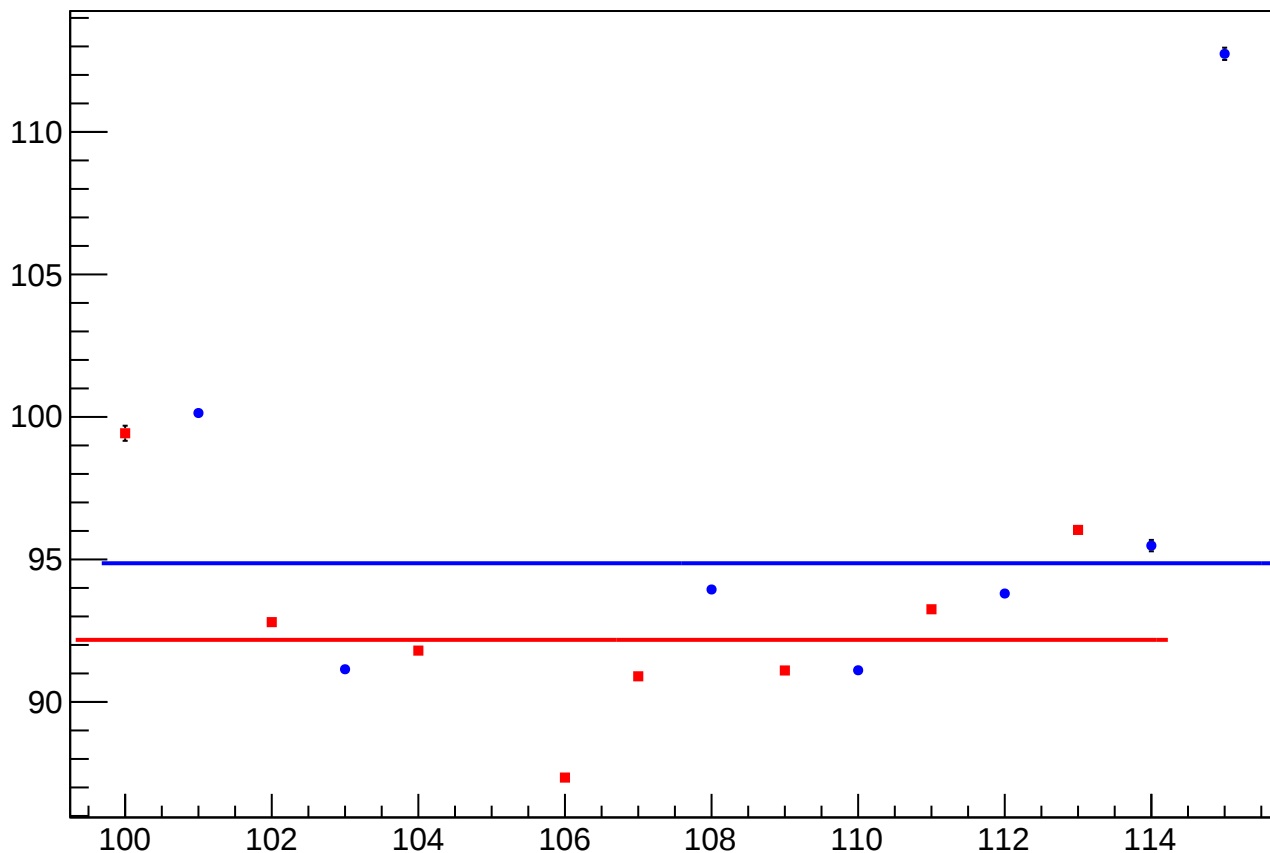
Right: 42.103+/-38.840 χ^2/NDF : 14.5/14

In: 83.033+/-58.710 χ^2/NDF : 3.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.103+/-38.840 χ^2/NDF : 14.5/14

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 94.866+/-0.042 χ^2/NDF : 13426.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.179+/-0.037 χ^2/NDF : 4506.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

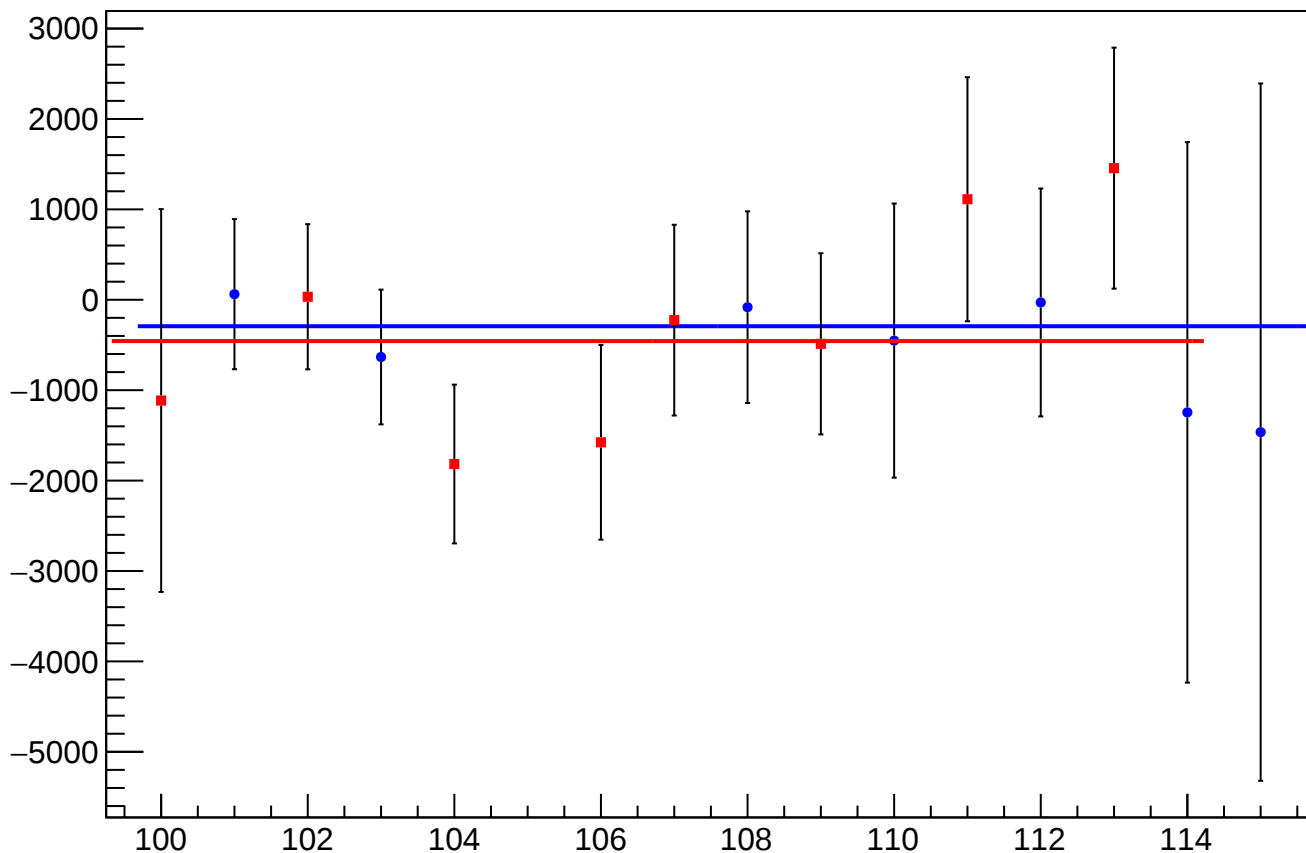
Right: 93.355+/-0.027 χ^2/NDF : 20289.4/14

In: 94.866+/-0.042 χ^2/NDF : 13426.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.355+/-0.027 χ^2/NDF : 20289.4/14

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -292.526+/-430.973 χ^2/NDF : 0.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -456.888+/-379.602 χ^2/NDF : 7.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

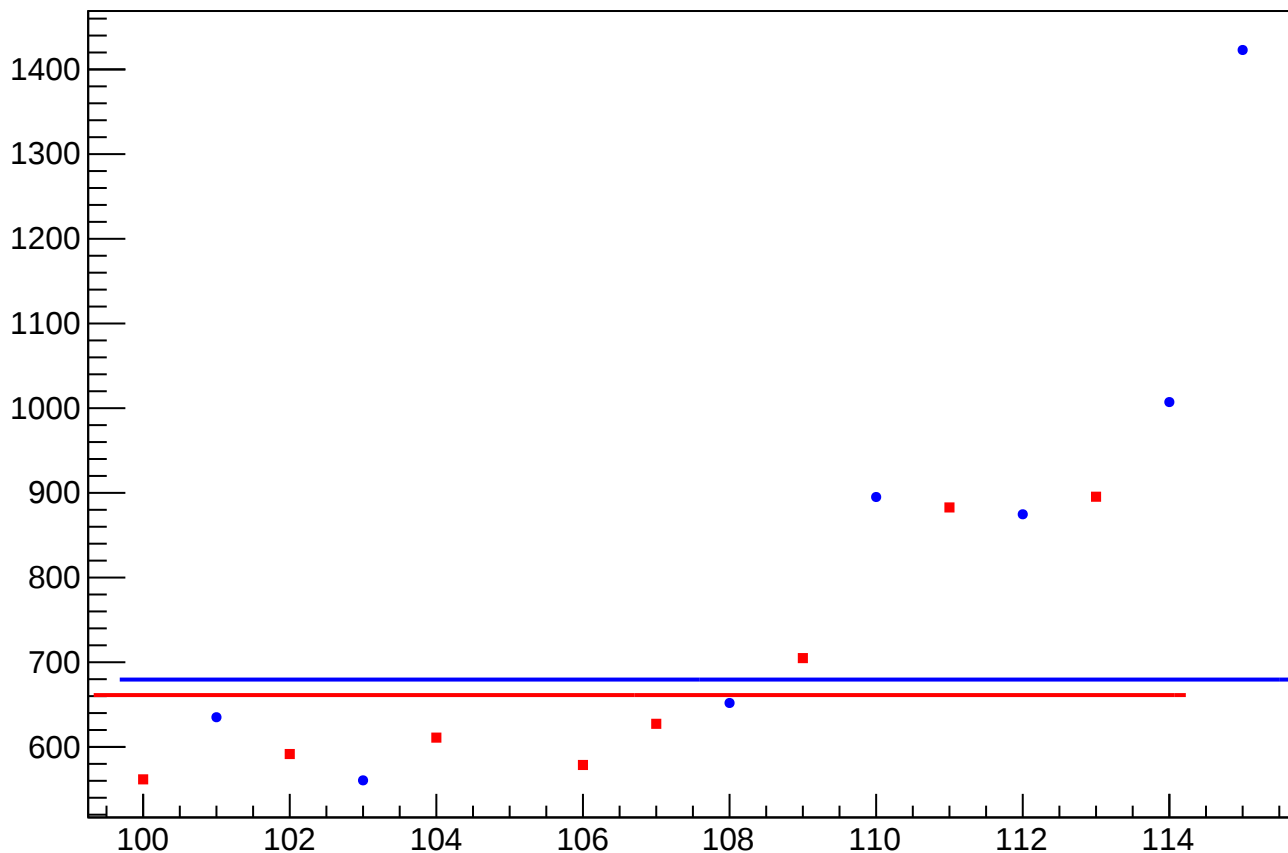
Right: -385.082+/-284.859 χ^2/NDF : 8.2/14

In: -292.526+/-430.973 χ^2/NDF : 0.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -385.082+/-284.859 χ^2/NDF : 8.2/14

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 679.549+/-0.305 χ^2/NDF : 244823.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 661.236+/-0.268 χ^2/NDF : 159256.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

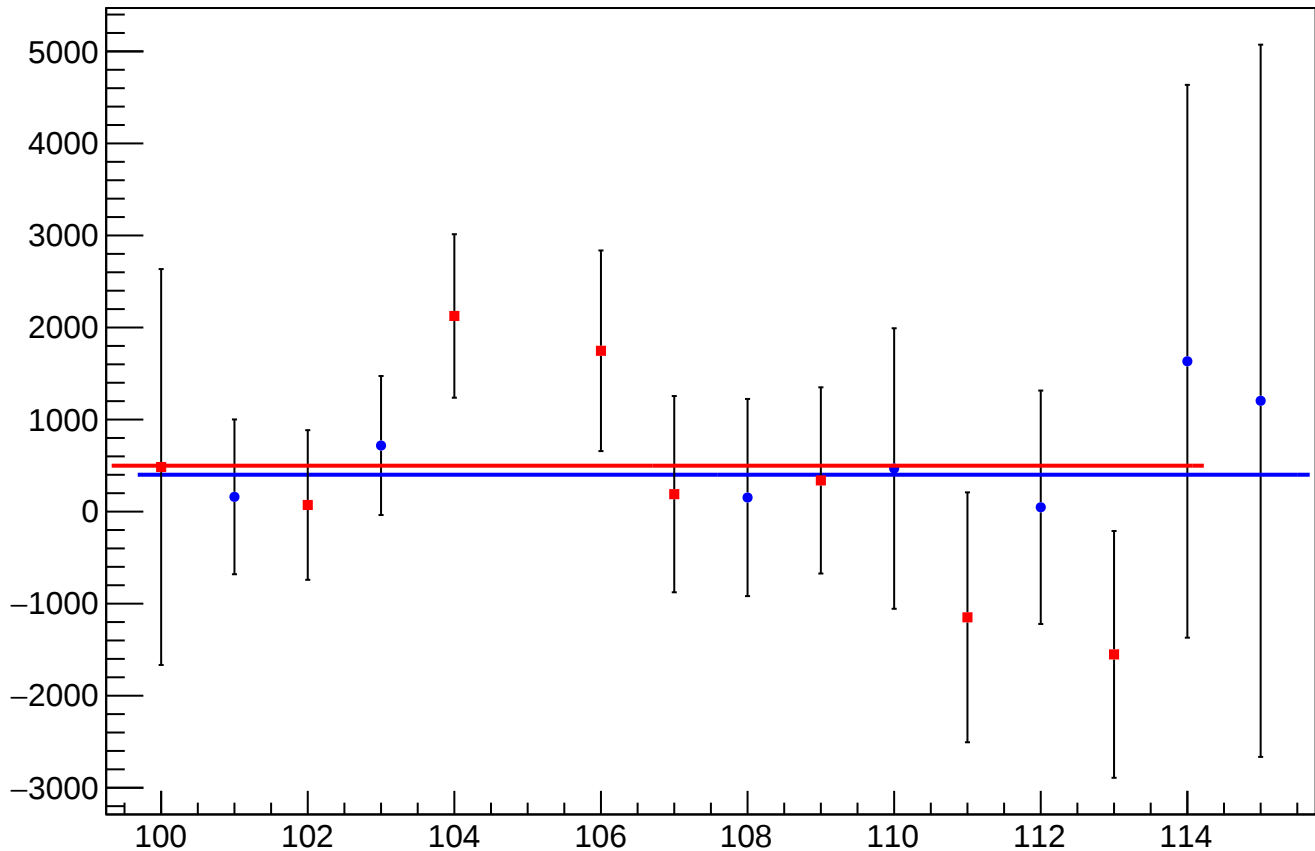
Right: 669.236+/-0.201 χ^2/NDF : 406114.2/14

In: 679.549+/-0.305 χ^2/NDF : 244823.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 669.236+/-0.201 χ^2/NDF : 406114.2/14

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 400.664+/-435.599 χ^2/NDF : 0.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 498.943+/-383.602 χ^2/NDF : 8.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

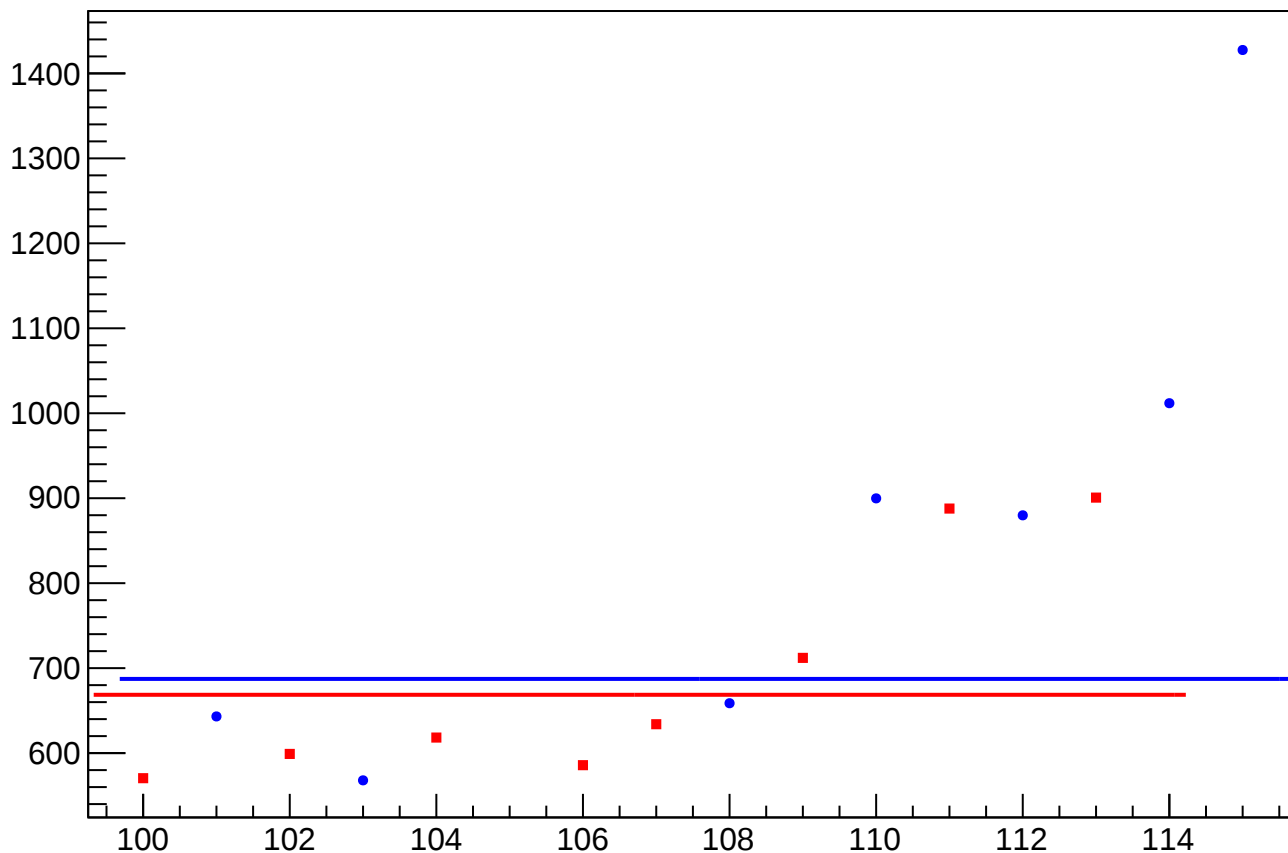
Right: 456.017+/-287.885 χ^2/NDF : 9.5/14

In: 400.664+/-435.599 χ^2/NDF : 0.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 456.017+/-287.885 χ^2/NDF : 9.5/14

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 687.320+/-0.308 χ^2/NDF : 238528.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 668.635+/-0.271 χ^2/NDF : 154707.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

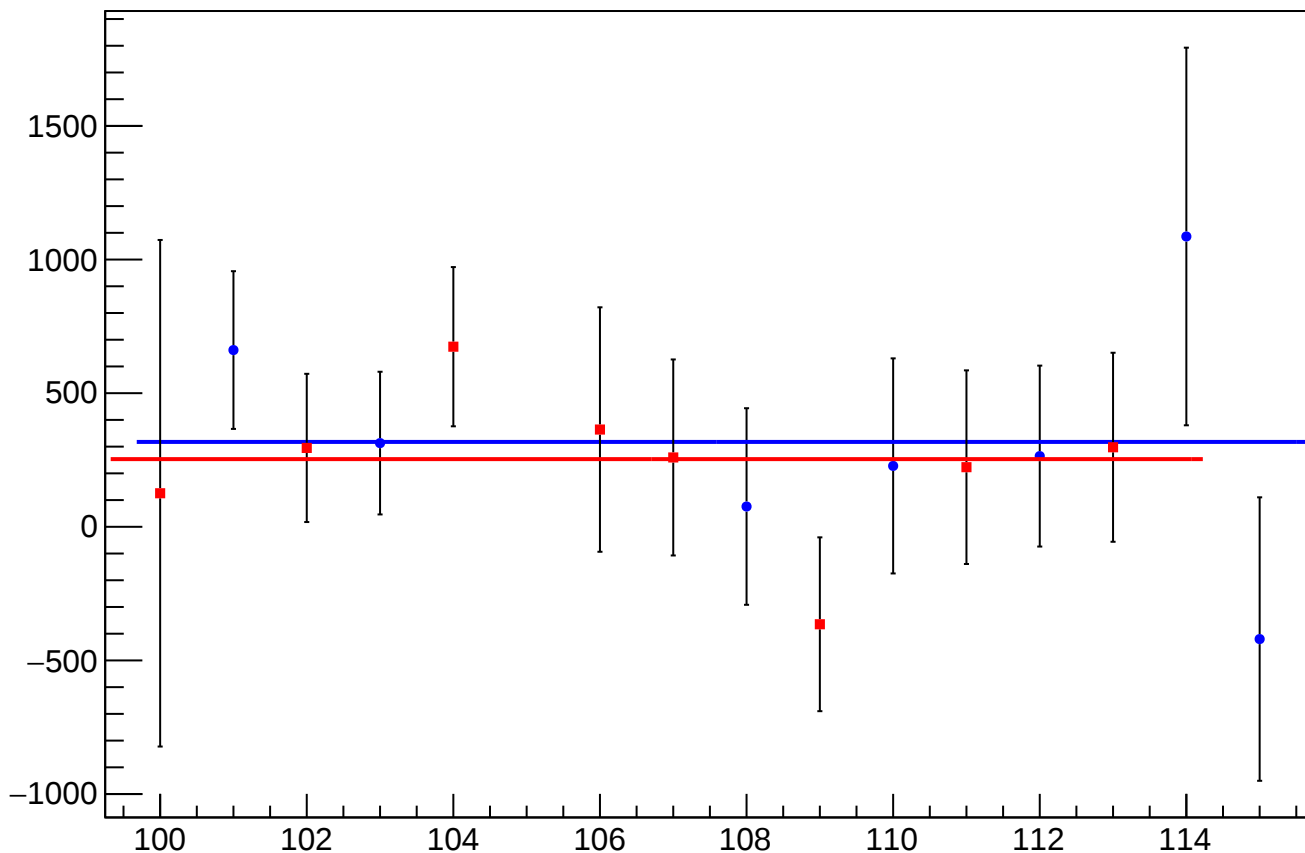
Right: 676.796+/-0.204 χ^2/NDF : 395308.7/14

In: 687.320+/-0.308 χ^2/NDF : 238528.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 676.796+/-0.204 χ^2/NDF : 395308.7/14

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 317.603 $\pm$ 136.884 χ^2 /NDF: 5.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 253.258 $\pm$ 126.319 χ^2 /NDF: 5.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

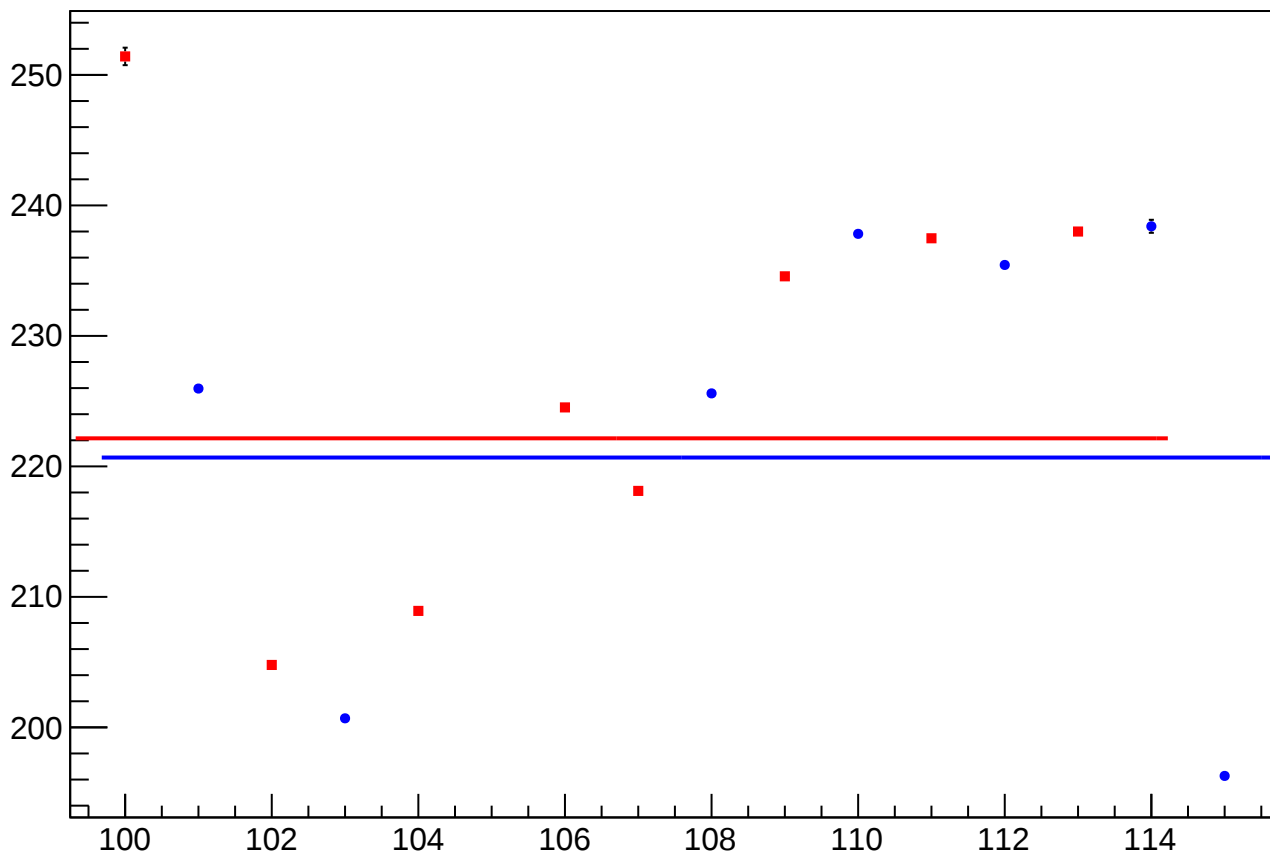
Right: 282.852 $\pm$ 92.832 χ^2 /NDF: 10.8/14

In: 317.603 $\pm$ 136.884 χ^2 /NDF:5.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 282.852 $\pm$ 92.832 χ^2 /NDF: 10.8/14

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.679+/-0.097 χ^2/NDF : 25131.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 222.151+/-0.089 χ^2/NDF : 24501.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

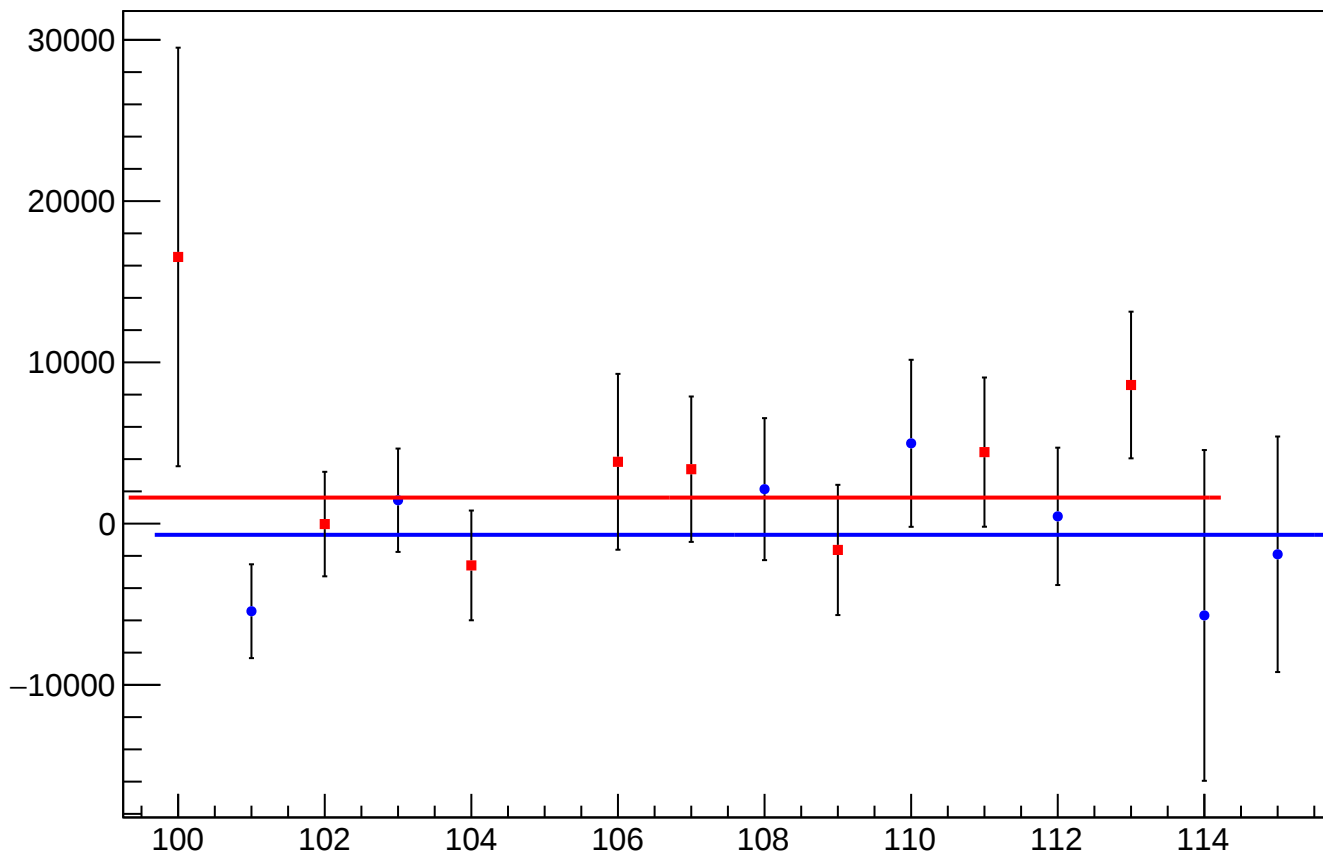
Right: 221.474+/-0.066 χ^2/NDF : 49758.2/14

In: 220.679+/-0.097 χ^2/NDF : 25131.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 221.474+/-0.066 χ^2/NDF : 49758.2/14

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -694.330+/-1605.939 χ^2/NDF : 5.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1615.450+/-1530.771 χ^2/NDF : 6.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

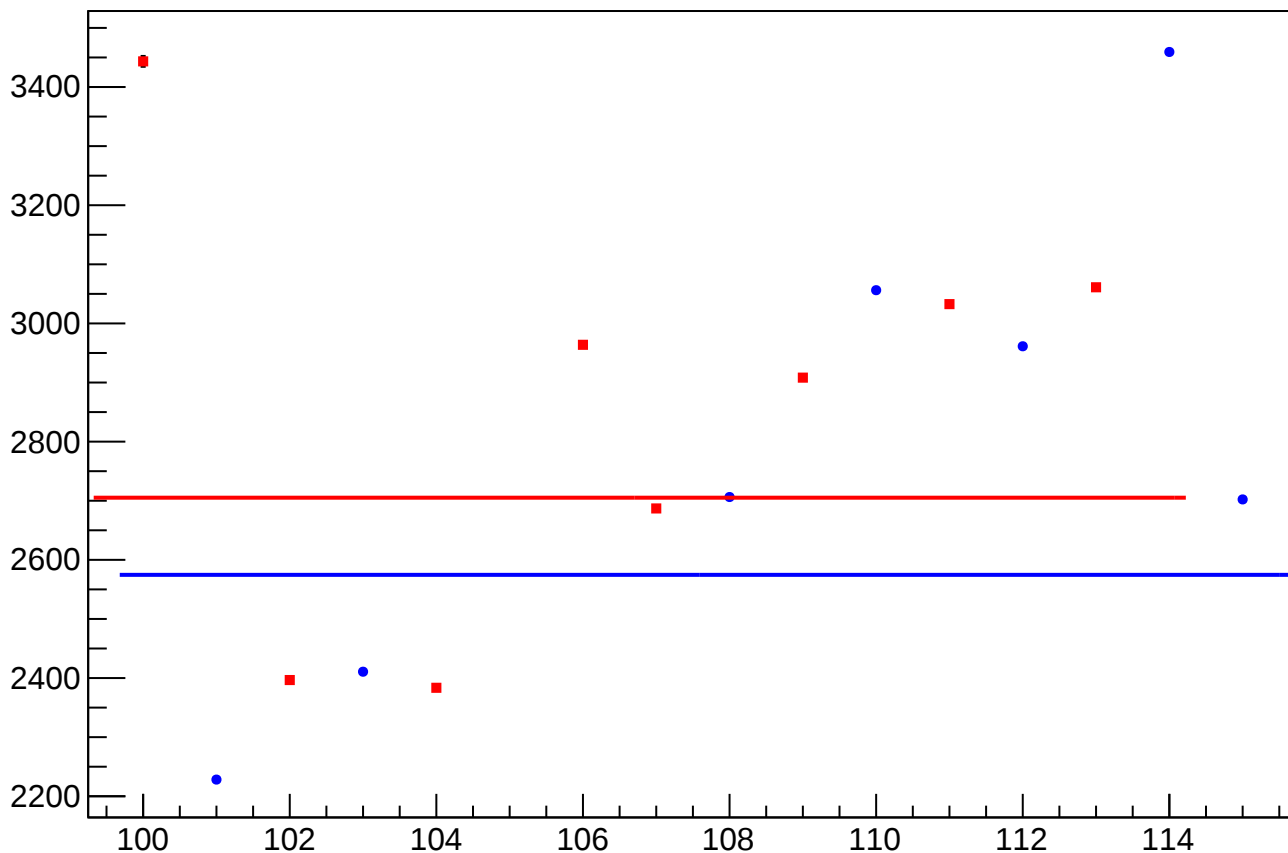
Right: 515.879+/-1108.040 χ^2/NDF : 12.9/14

In: -694.330+/-1605.939 χ^2/NDF : 5.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 515.879+/-1108.040 χ^2/NDF : 12.9/14

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2574.613+/-1.136 χ^2/NDF : 84648.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2705.158+/-1.082 χ^2/NDF : 74338.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

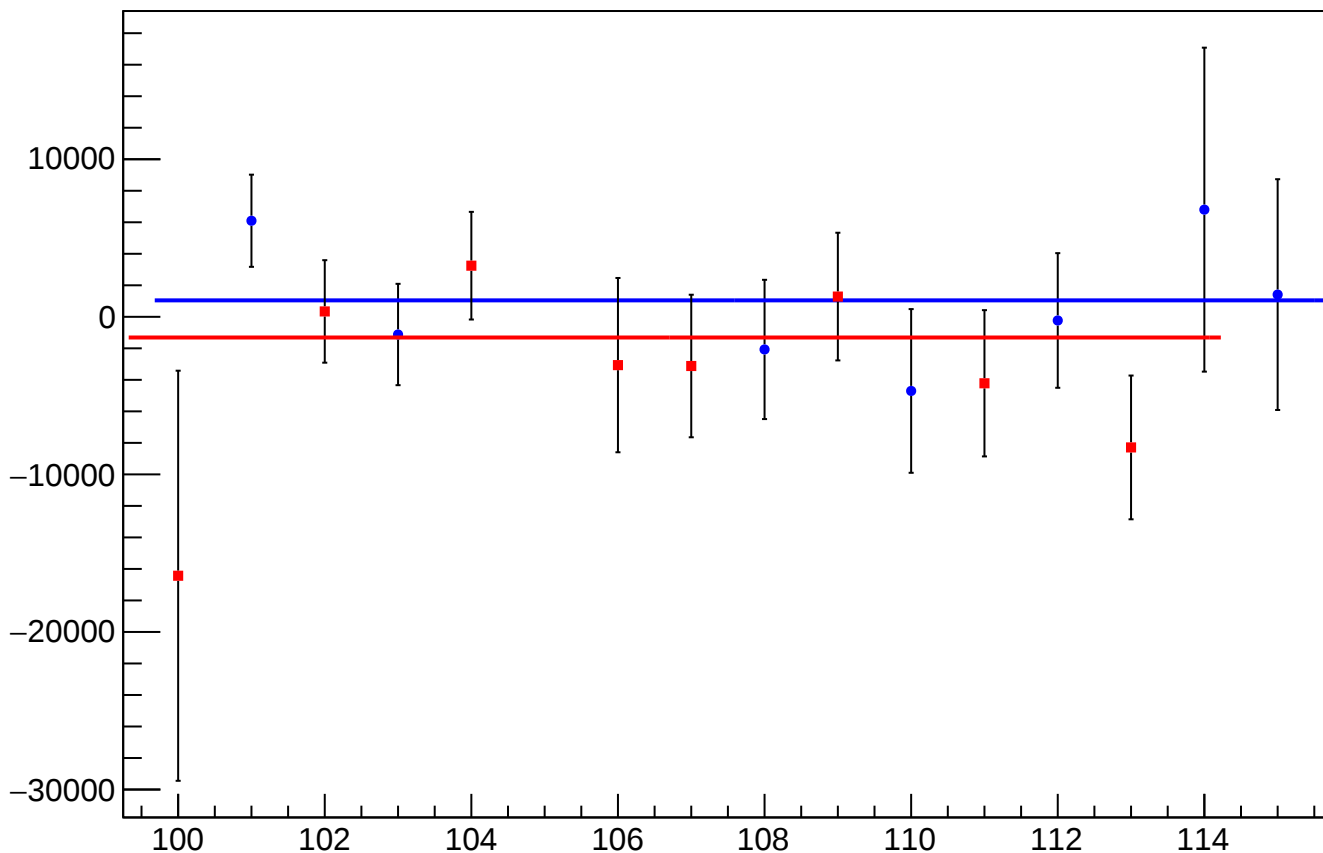
Right: 2643.012+/-0.784 χ^2/NDF : 165911.5/14

In: 2574.613+/-1.136 χ^2/NDF : 84648.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2643.012+/-0.784 χ^2/NDF : 165911.5/14

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1044.290+/-1612.151 χ^2/NDF : 5.6/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1312.481+/-1537.384 χ^2/NDF : 6.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

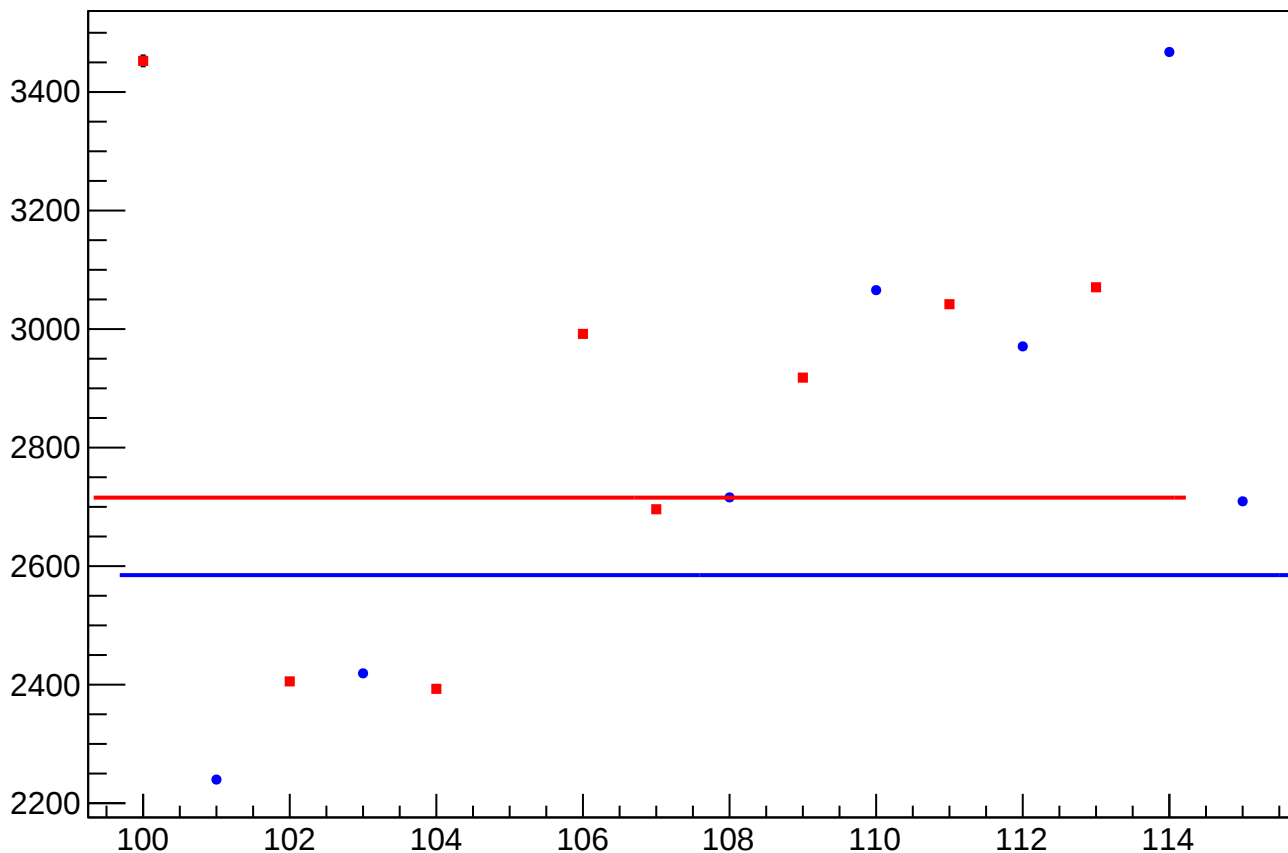
Right: -190.011+/-1112.588 χ^2/NDF : 13.5/14

In: 1044.290+/-1612.151 χ^2/NDF :5.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -190.011+/-1112.588 χ^2/NDF : 13.5/14

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2584.839+/-1.140 χ^2/NDF : 83682.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2715.632+/-1.087 χ^2/NDF : 74458.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

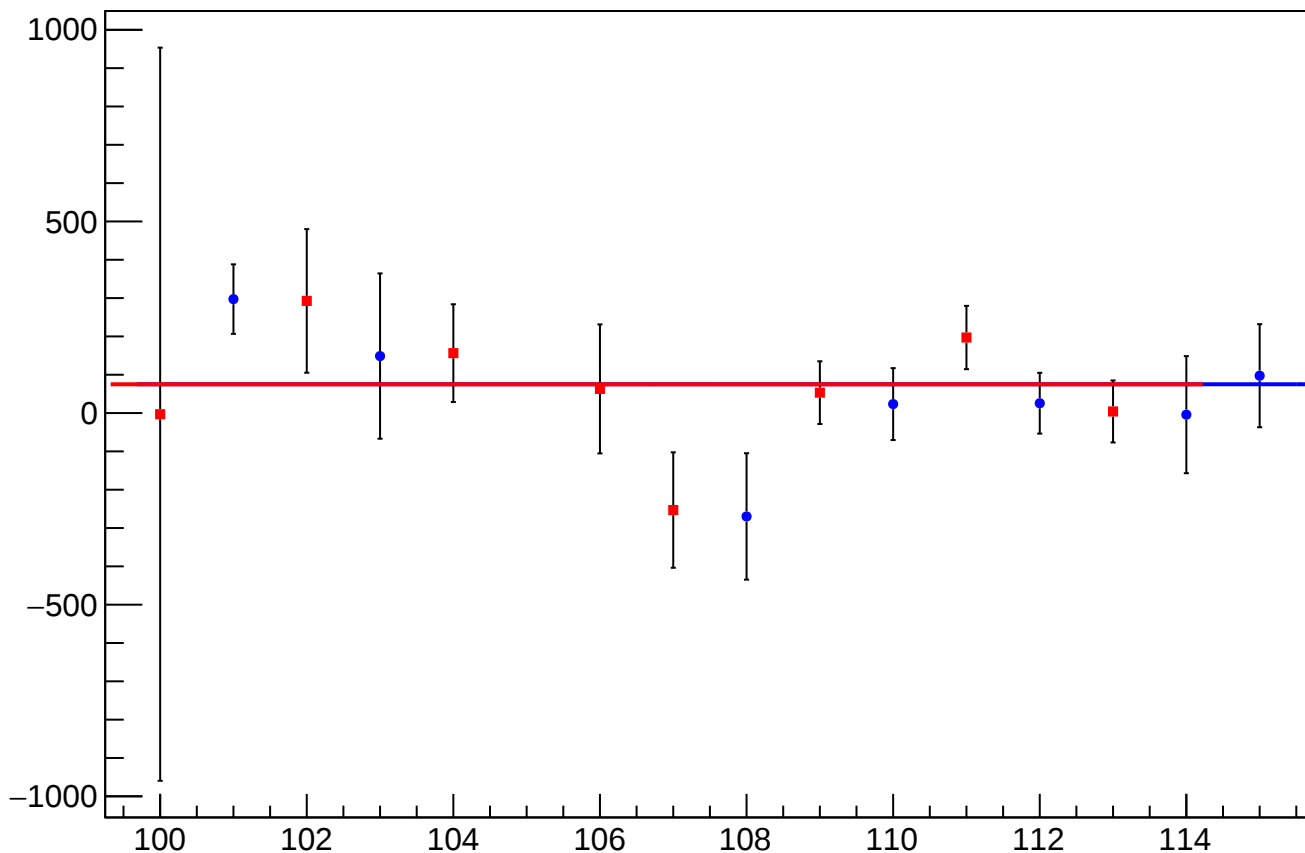
Right: 2653.339+/-0.787 χ^2/NDF : 165034.9/14

In: 2584.839+/-1.140 χ^2/NDF : 83682.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2653.339+/-0.787 χ^2/NDF : 165034.9/14

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 75.156+/-42.617 χ^2/NDF : 11.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.104+/-40.192 χ^2/NDF : 9.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

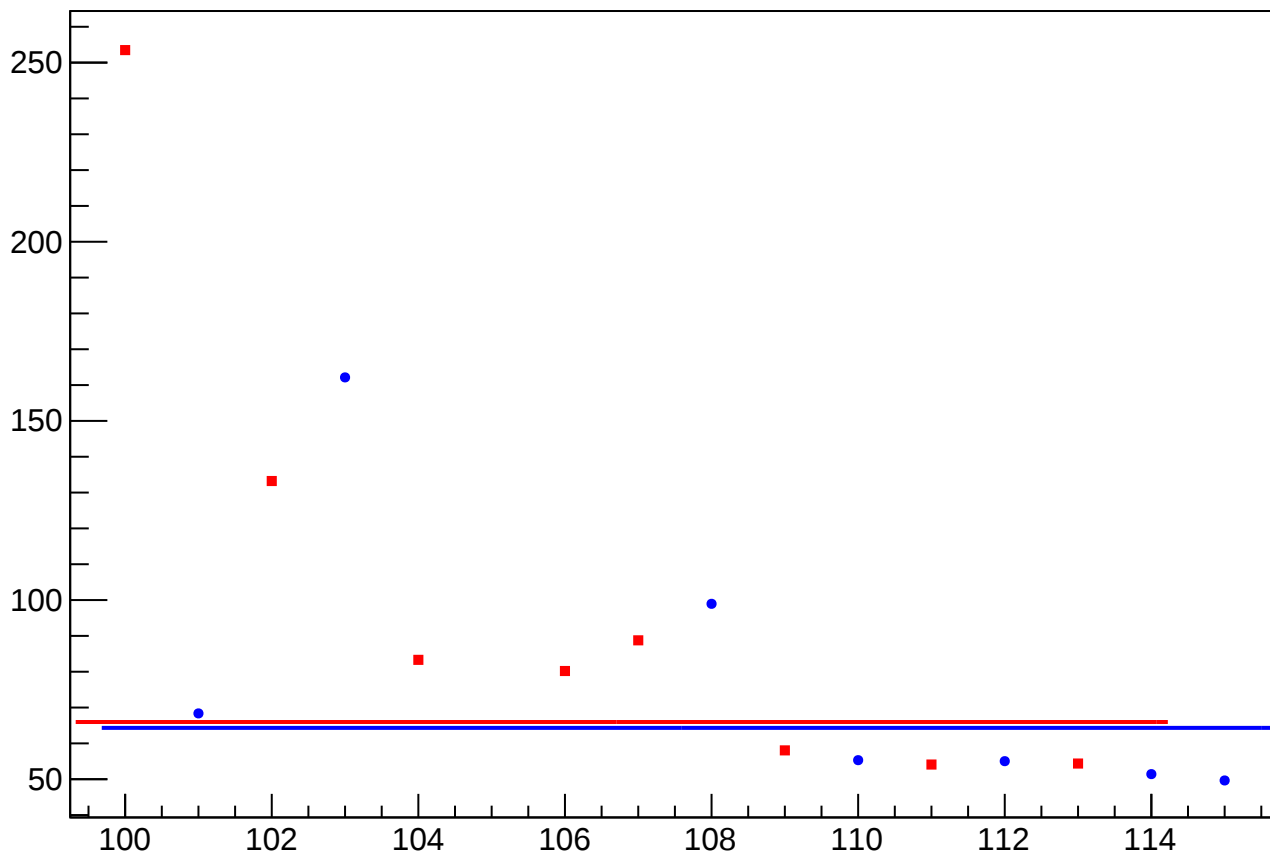
Right: 75.128+/-29.240 χ^2/NDF : 21.0/14

In: 75.156+/-42.617 χ^2/NDF : 11.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.128+/-29.240 χ^2/NDF : 21.0/14

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 64.328+/-0.030 χ^2/NDF : 587415.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.966+/-0.028 χ^2/NDF : 532708.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

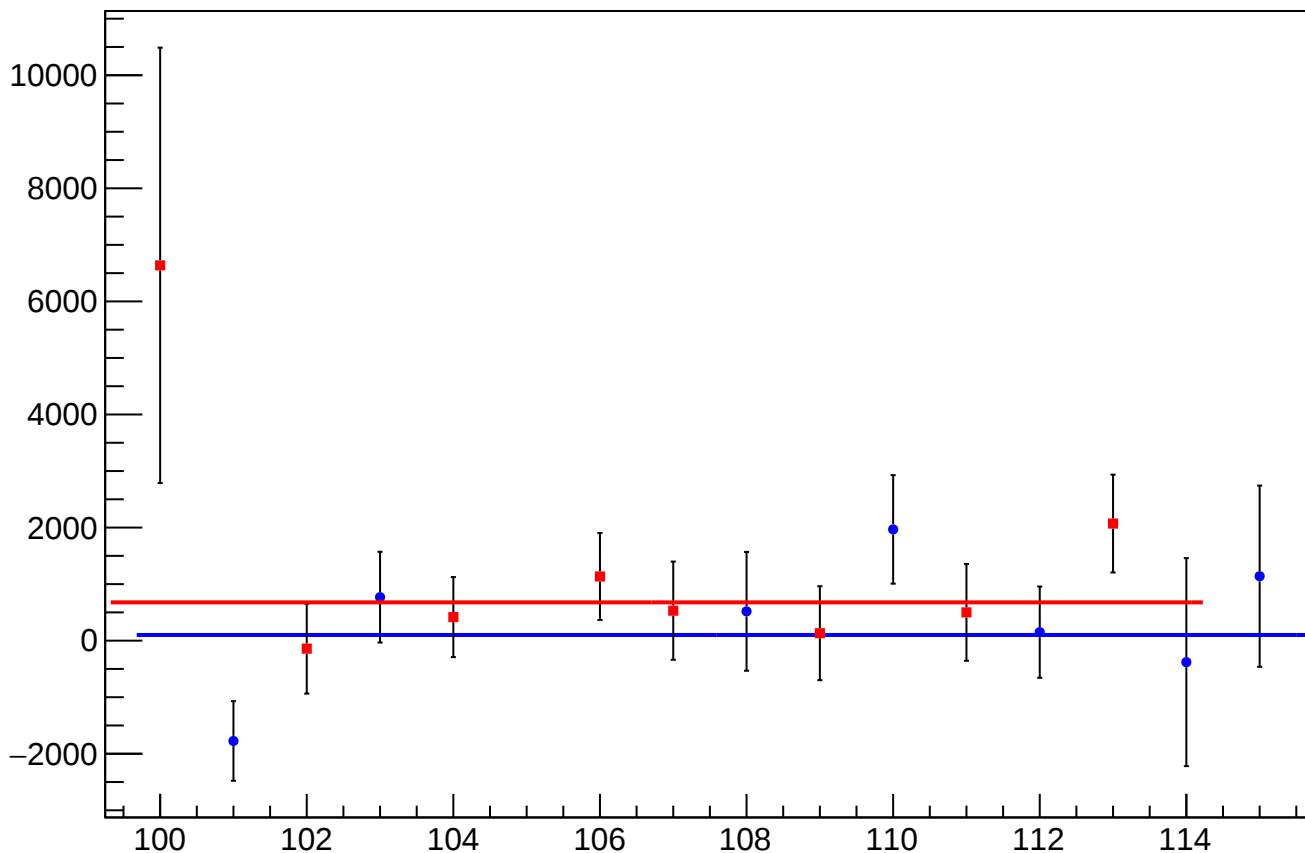
Right: 65.195+/-0.021 χ^2/NDF : 1121687.2/14

In: 64.328+/-0.030 χ^2/NDF : 587415.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.195+/-0.021 χ^2/NDF : 1121687.2/14

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 100.711+/-358.494 χ^2/NDF : 12.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 677.251+/-304.209 χ^2/NDF : 7.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

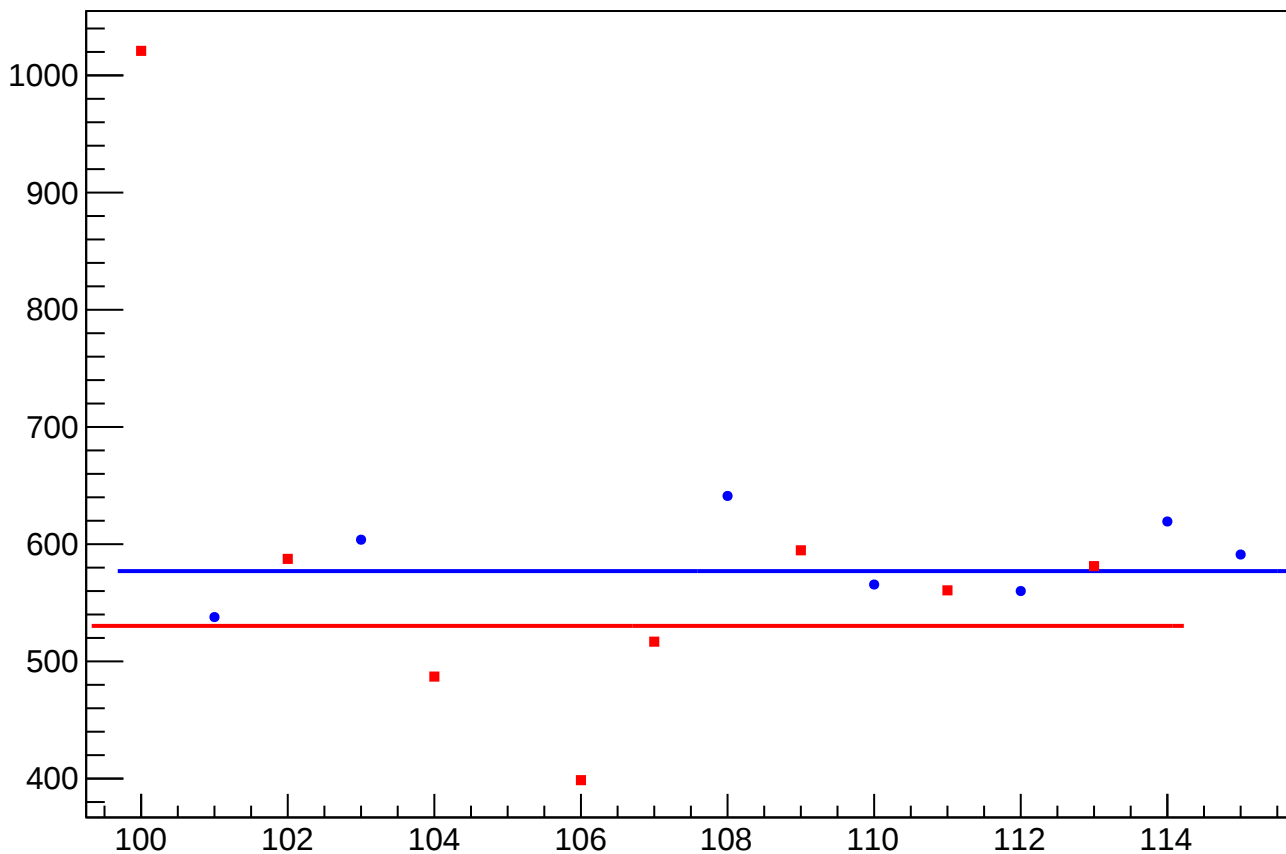
Right: 435.893+/-231.952 χ^2/NDF : 20.8/14

In: 100.711+/-358.494 χ^2/NDF : 12.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 435.893+/-231.952 χ^2/NDF : 20.8/14

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 577.035+/-0.253 χ^2/NDF : 18278.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 530.284+/-0.215 χ^2/NDF : 130806.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

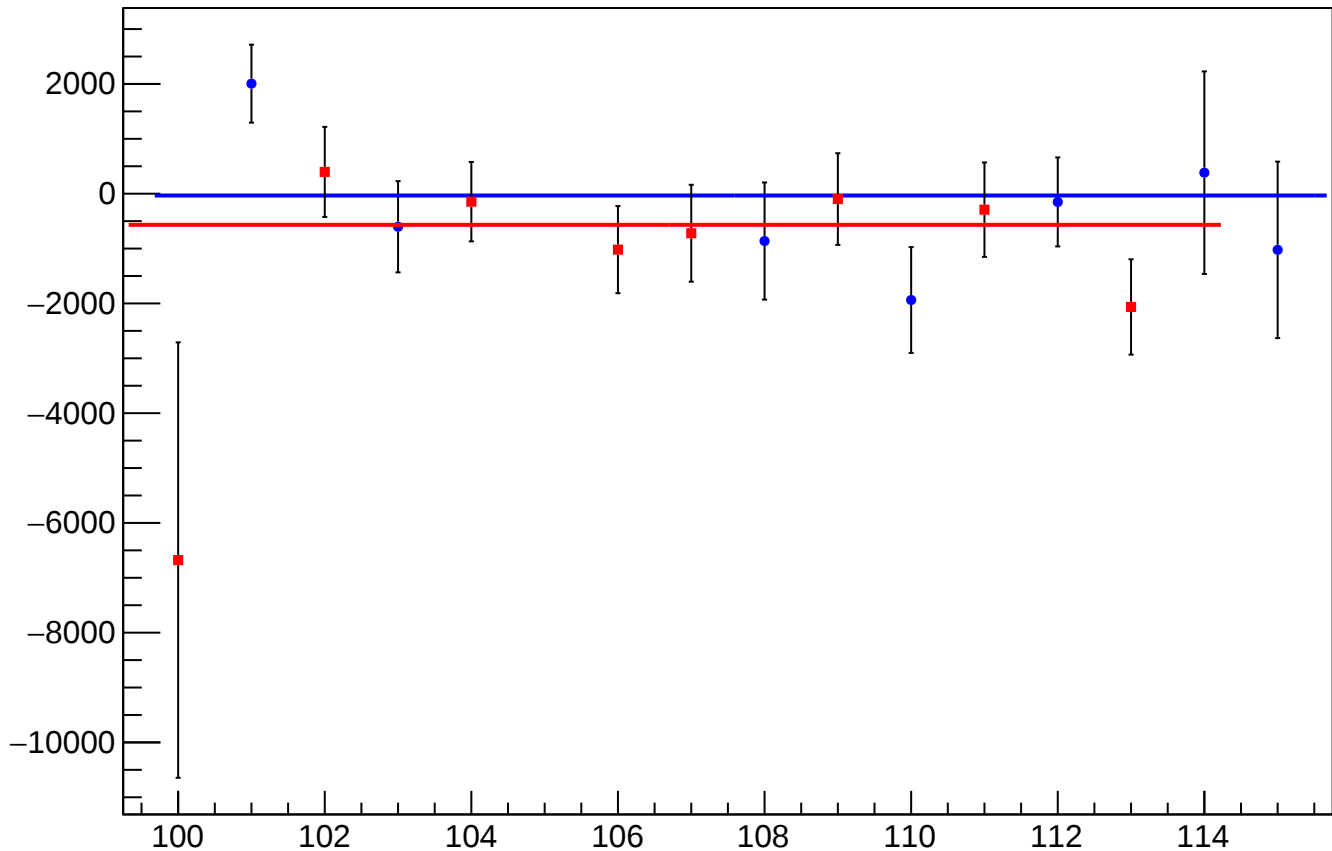
Right: 549.856+/-0.164 χ^2/NDF : 168858.4/14

In: 577.035+/-0.253 χ^2/NDF : 18278.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 549.856+/-0.164 χ^2/NDF : 168858.4/14

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: -32.959 ± 363.162 χ^2/NDF : 13.7/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -567.498 ± 309.536 χ^2/NDF : 7.8/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

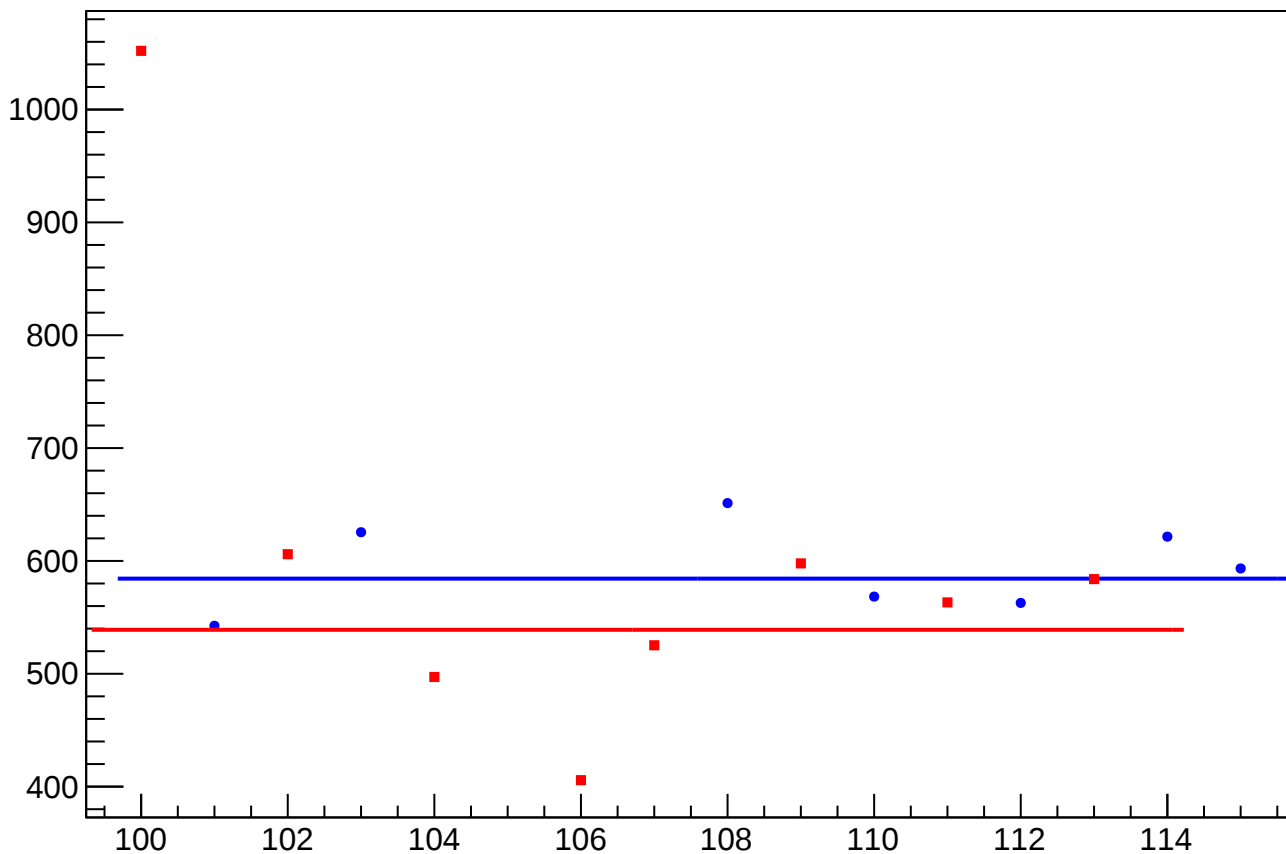
Right: -342.572 ± 235.576 χ^2/NDF : 22.8/14

In: -32.959 ± 363.162 χ^2/NDF : 13.7/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -342.572 ± 235.576 χ^2/NDF : 22.8/14

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 584.322+/-0.257 χ^2/NDF : 22507.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 538.968+/-0.219 χ^2/NDF : 127133.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

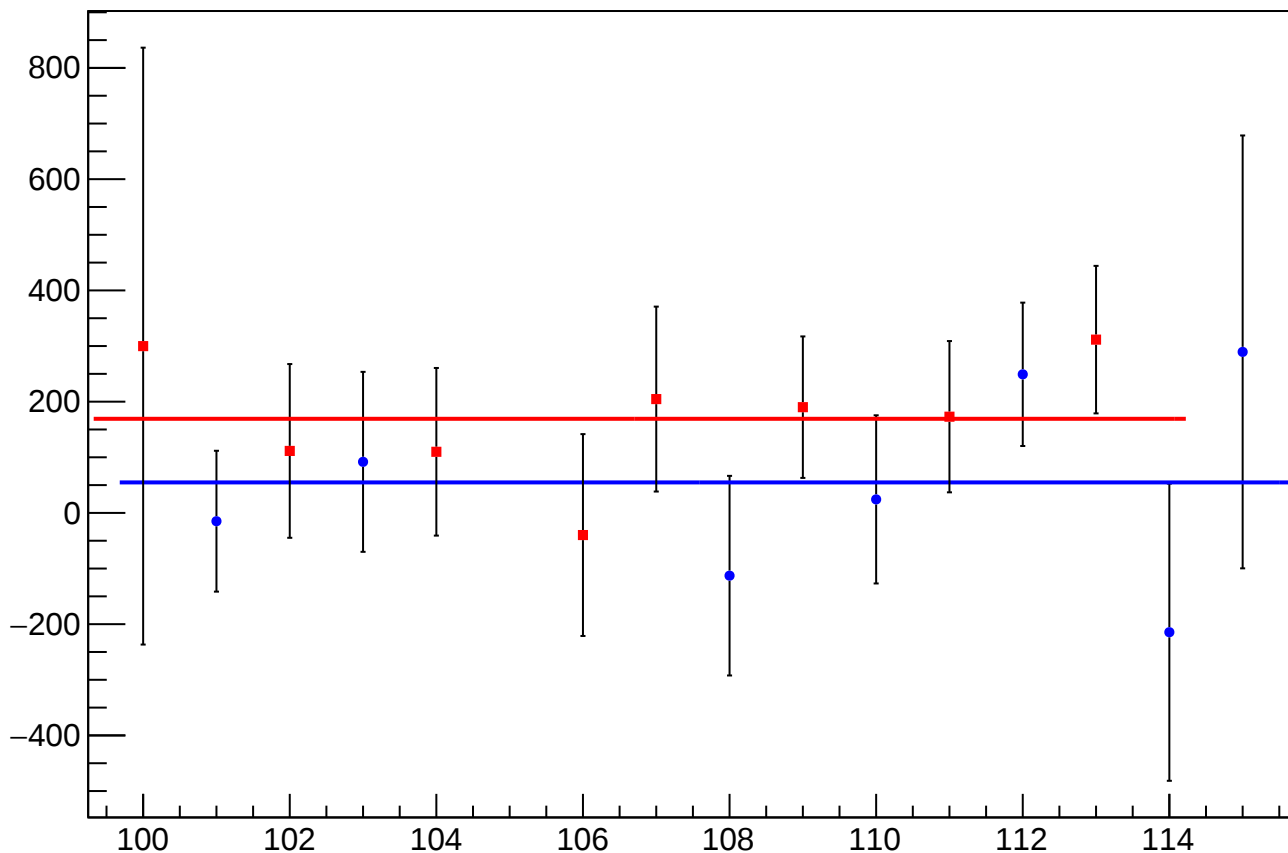
Right: 558.053+/-0.167 χ^2/NDF : 167708.4/14

In: 584.322+/-0.257 χ^2/NDF : 22507.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 558.053+/-0.167 χ^2/NDF : 167708.4/14

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 54.837+/-62.471 χ^2/NDF : 4.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.208+/-55.228 χ^2/NDF : 2.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

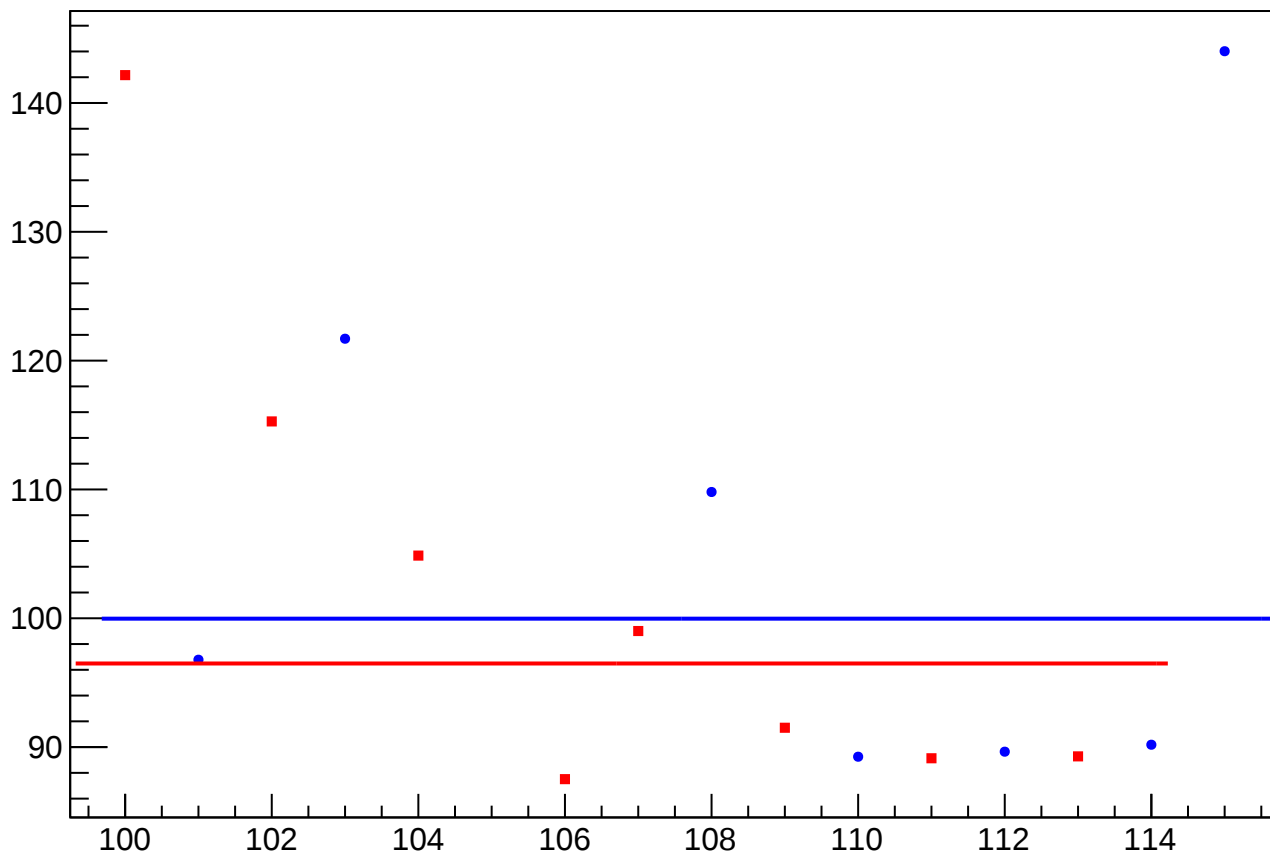
Right: 119.034+/-41.377 χ^2/NDF : 9.7/14

In: 54.837+/-62.471 χ^2/NDF : 4.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.034+/-41.377 χ^2/NDF : 9.7/14

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 99.970+/-0.044 χ^2/NDF : 94567.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.490+/-0.039 χ^2/NDF : 69821.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

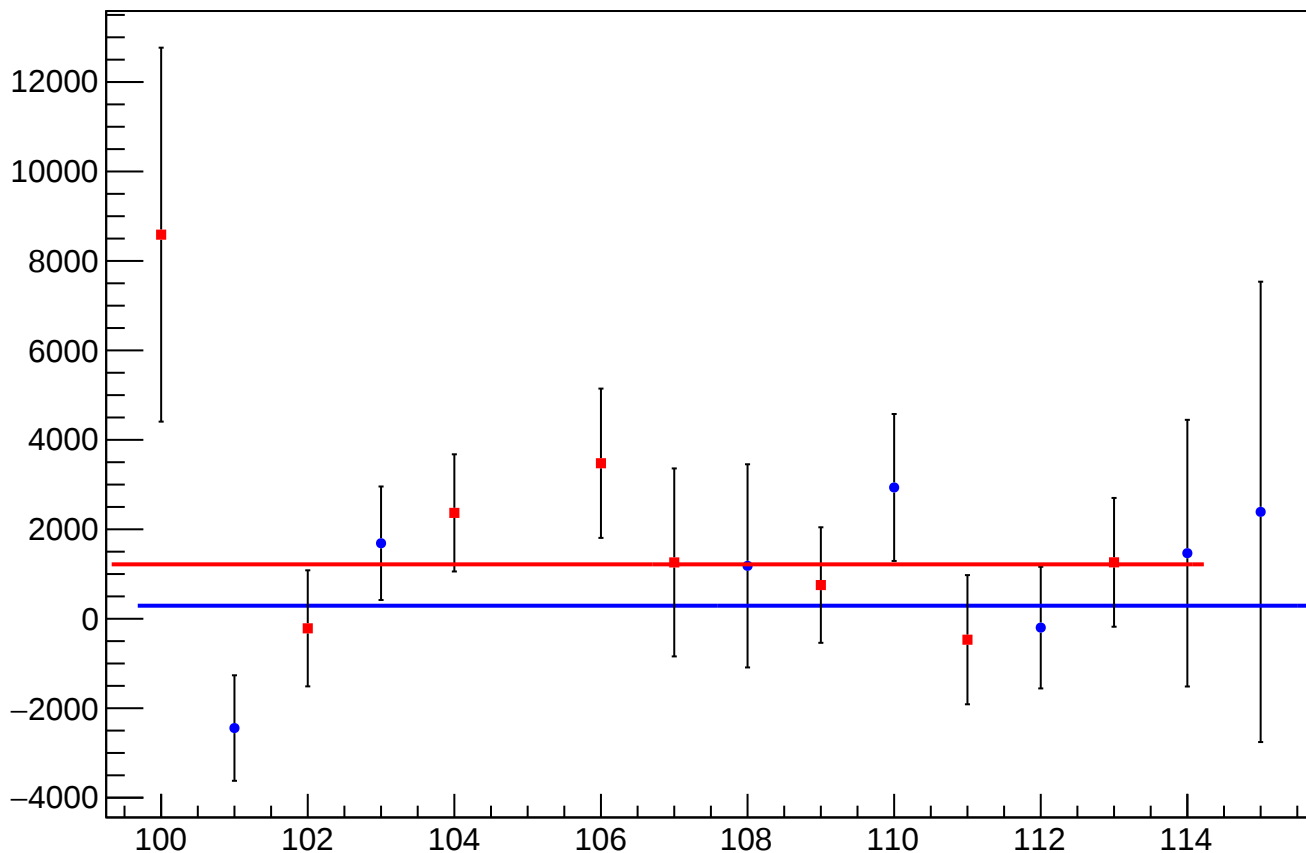
Right: 98.017+/-0.029 χ^2/NDF : 167871.7/14

In: 99.970+/-0.044 χ^2/NDF : 94567.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.017+/-0.029 χ^2/NDF : 167871.7/14

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 291.955+/-620.724 χ^2/NDF : 9.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1216.684+/-543.841 χ^2/NDF : 8.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

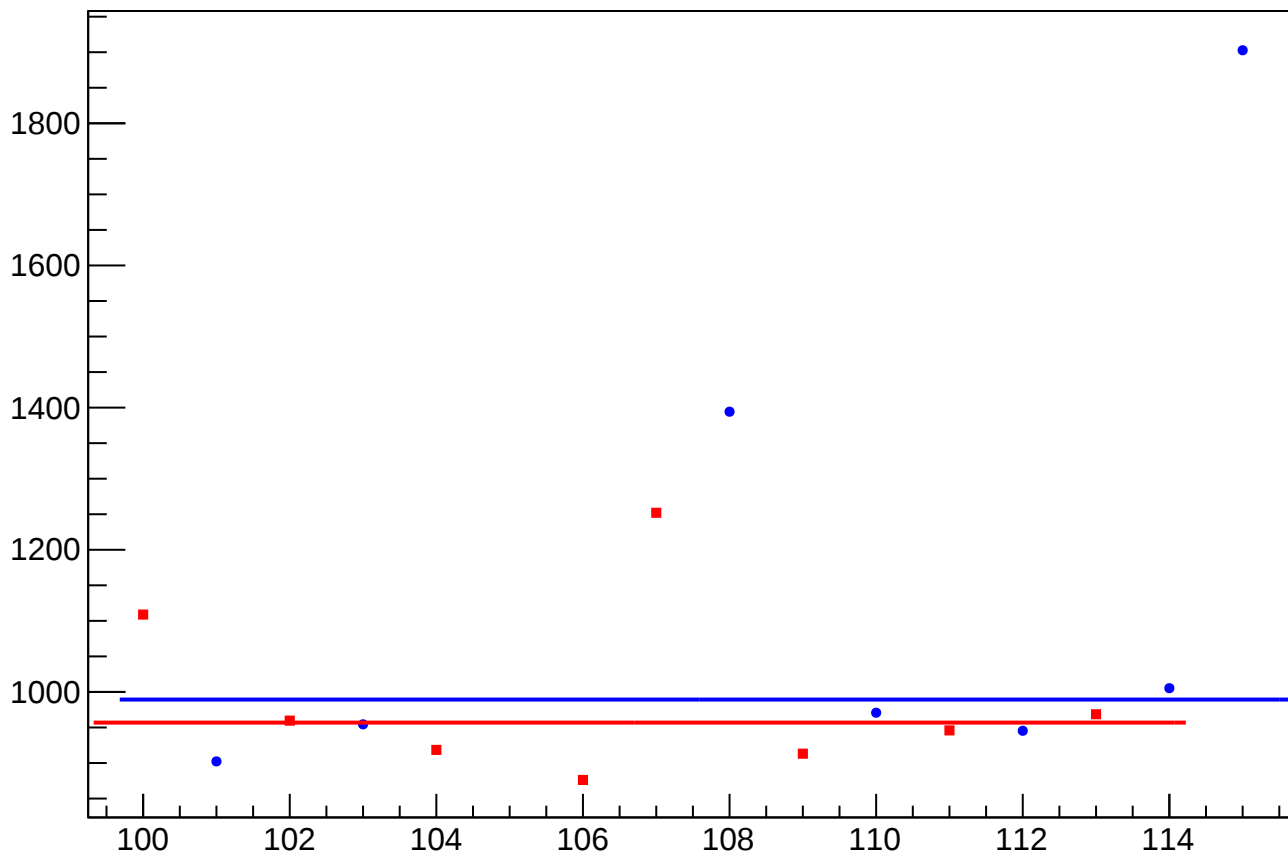
Right: 815.104+/-409.051 χ^2/NDF : 19.5/14

In: 291.955+/-620.724 χ^2/NDF : 9.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 815.104+/-409.051 χ^2/NDF : 19.5/14

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 989.287+/-0.439 χ^2/NDF : 141386.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 956.880+/-0.385 χ^2/NDF : 51049.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

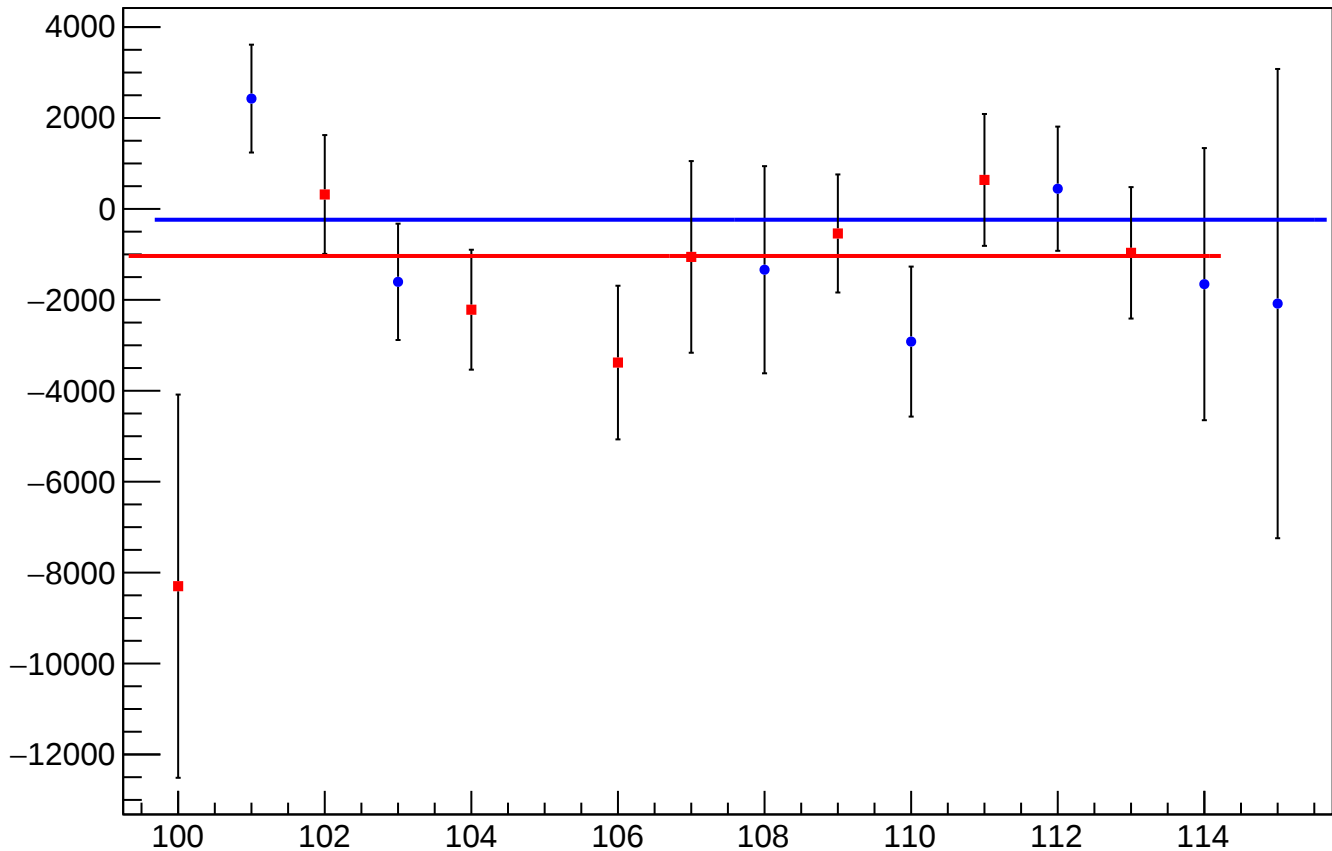
Right: 970.953+/-0.289 χ^2/NDF : 195520.2/14

In: 989.287+/-0.439 χ^2/NDF : 141386.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 970.953+/-0.289 χ^2/NDF : 195520.2/14

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -237.730+/-624.178 χ^2/NDF : 9.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1035.032+/-547.287 χ^2/NDF : 8.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

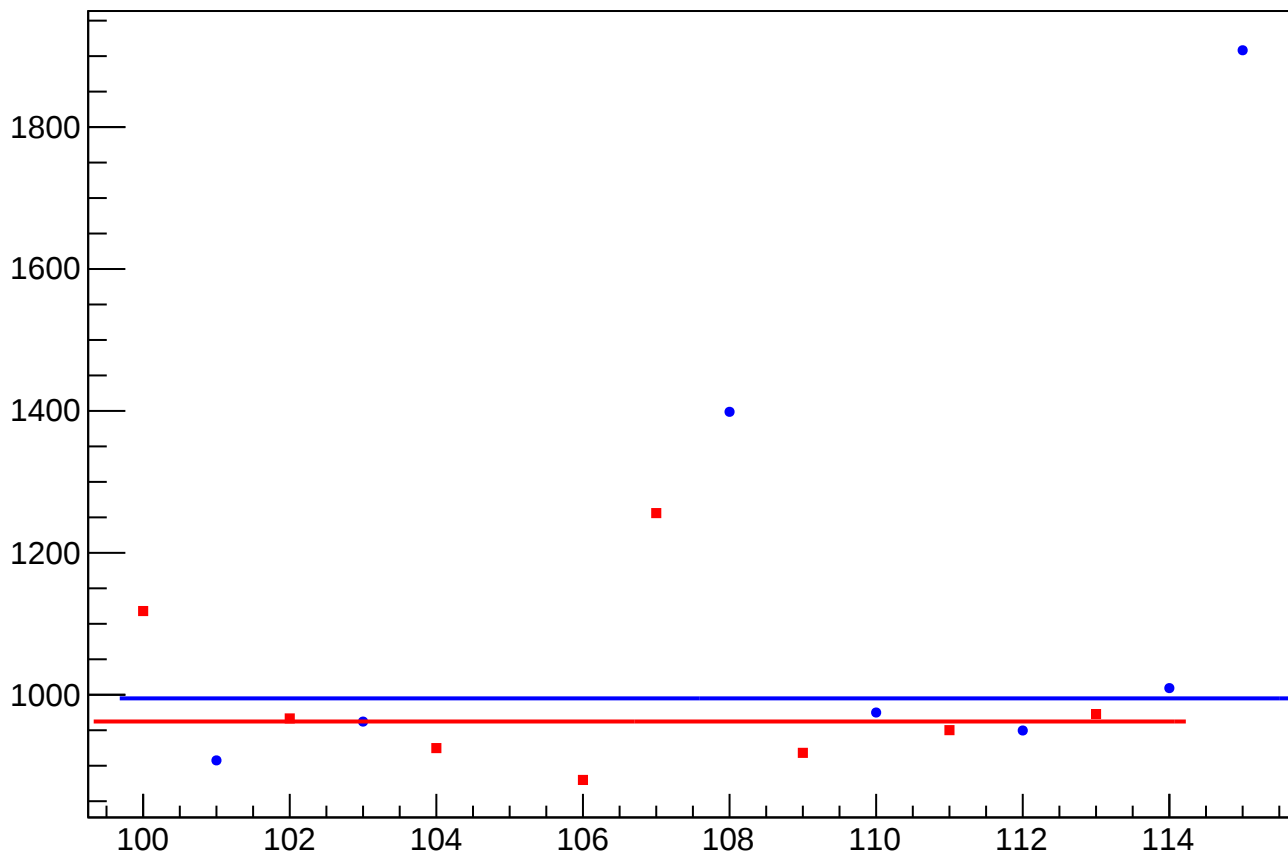
Right: -688.490+/-411.506 χ^2/NDF : 18.8/14

In: -237.730+/-624.178 χ^2/NDF :9.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -688.490+/-411.506 χ^2/NDF : 18.8/14

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 994.922+/-0.441 χ^2/NDF : 140155.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 962.333+/-0.387 χ^2/NDF : 50494.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

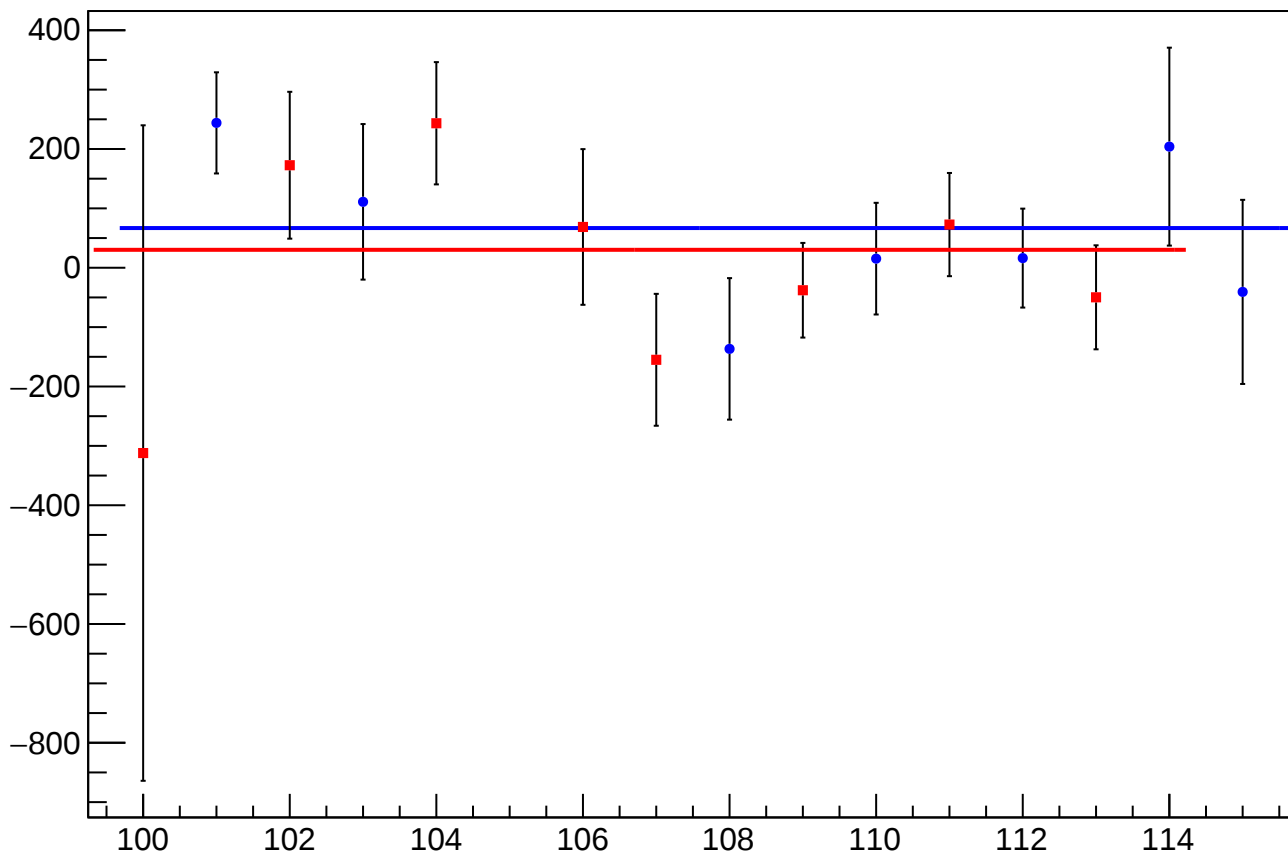
Right: 976.498+/-0.291 χ^2/NDF : 193732.3/14

In: 994.922+/-0.441 χ^2/NDF : 140155.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 976.498+/-0.291 χ^2/NDF : 193732.3/14

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 66.852 $\pm$ 40.781 χ^2 /NDF: 9.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 30.204 $\pm$ 37.208 χ^2 /NDF: 10.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

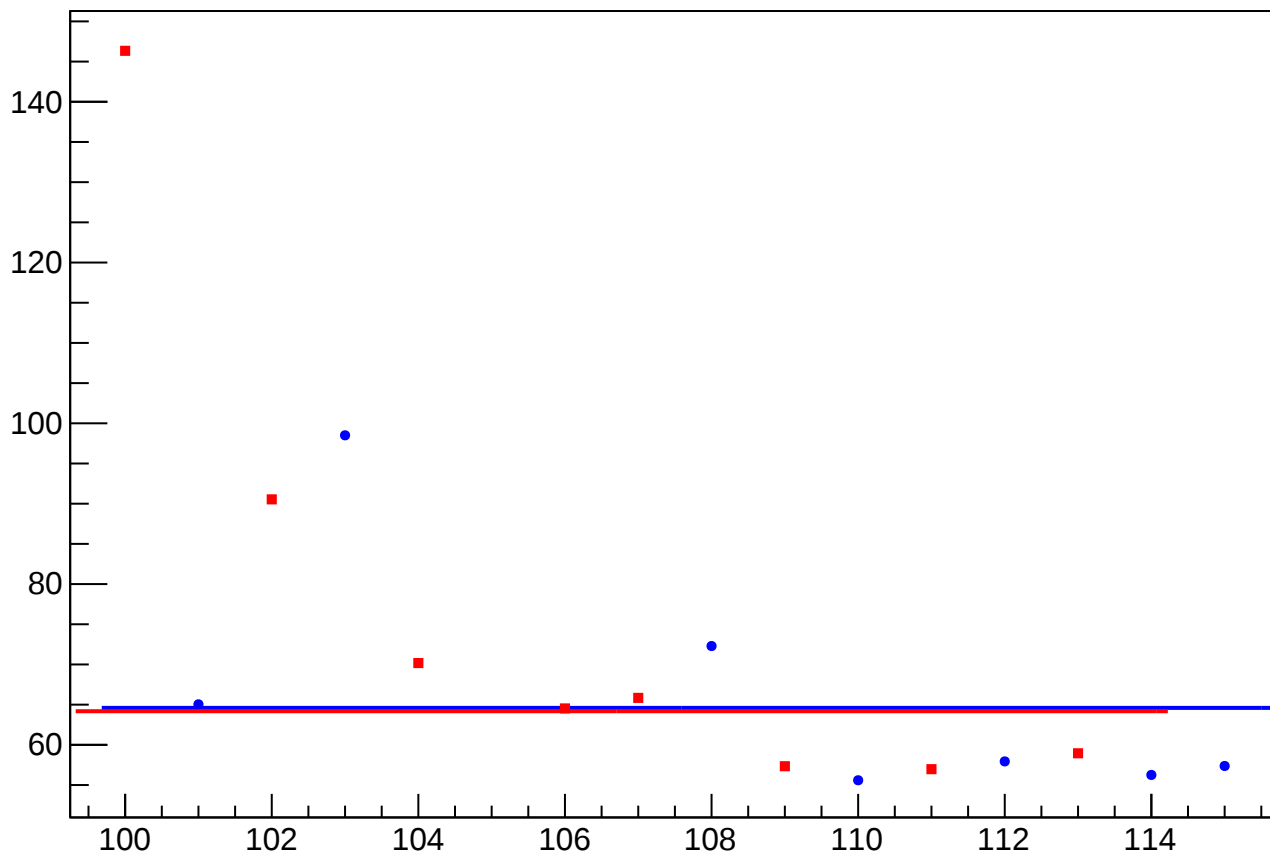
Right: 46.852 $\pm$ 27.486 χ^2 /NDF: 20.3/14

In: 66.852 $\pm$ 40.781 χ^2 /NDF:9.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 46.852 $\pm$ 27.486 χ^2 /NDF: 20.3/14

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 64.599+/-0.029 χ^2/NDF : 182863.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.183+/-0.026 χ^2/NDF : 178025.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

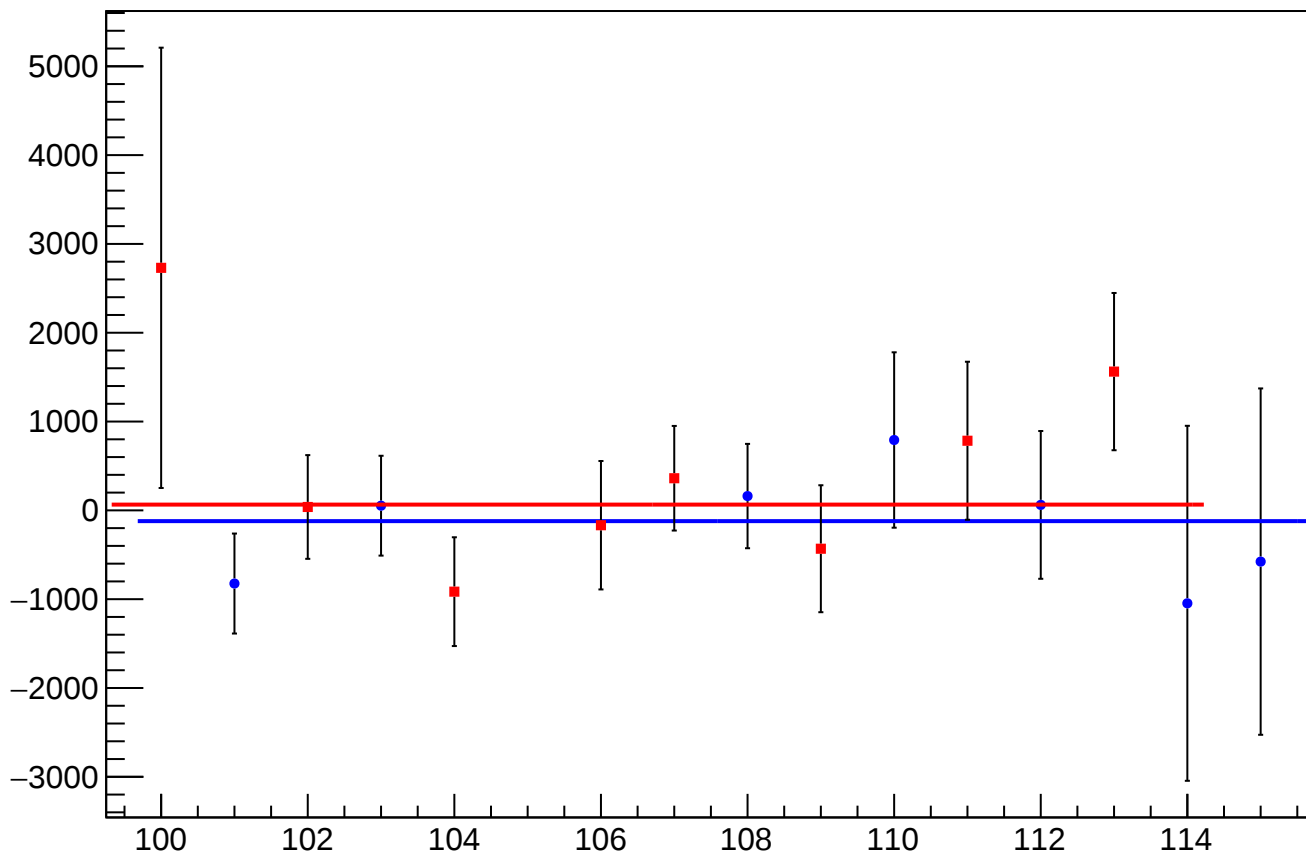
Right: 64.371+/-0.019 χ^2/NDF : 361003.1/14

In: 64.599+/-0.029 χ^2/NDF : 182863.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.371+/-0.019 χ^2/NDF : 361003.1/14

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -121.200+/-286.270 χ^2/NDF : 3.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.916+/-257.723 χ^2/NDF : 8.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

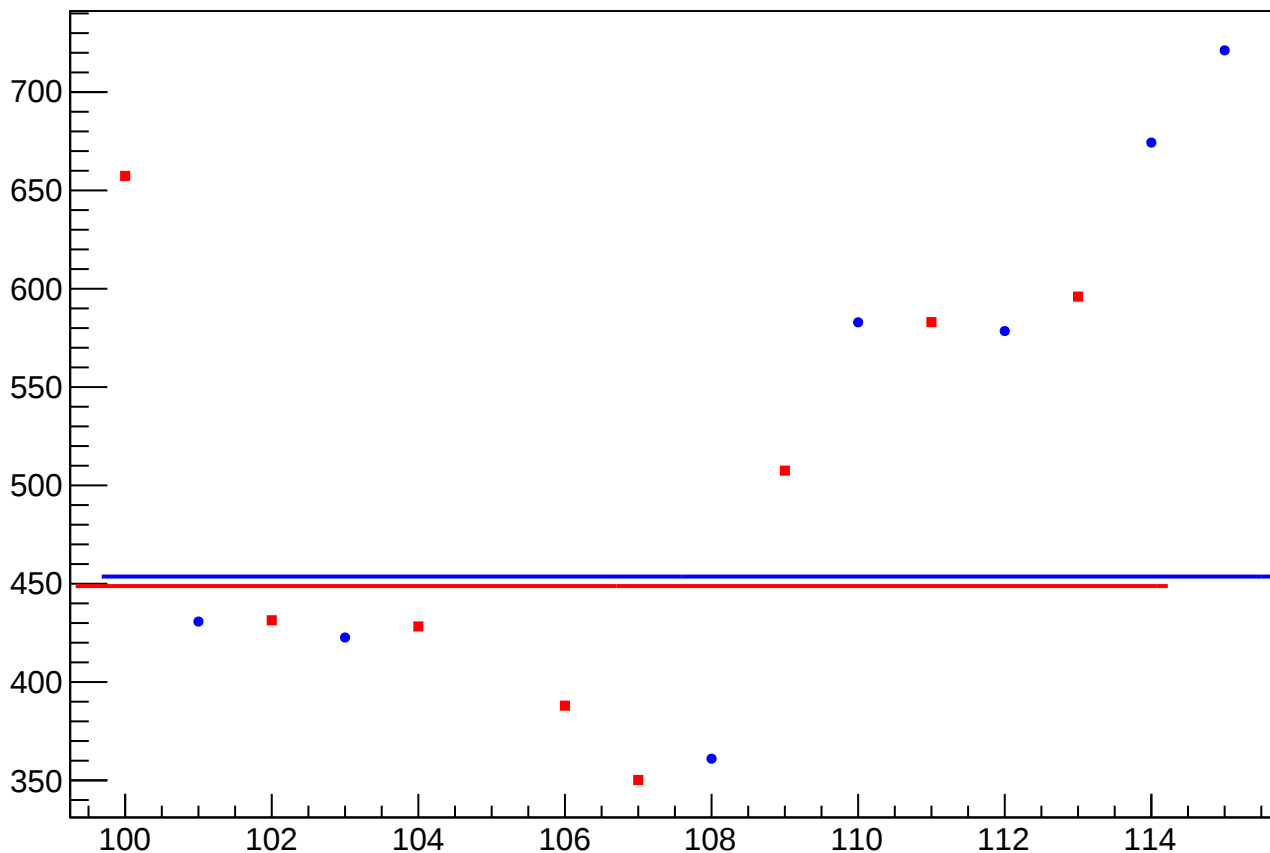
Right: -18.402+/-191.537 χ^2/NDF : 11.4/14

In: -121.200+/-286.270 χ^2/NDF : 3.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.402+/-191.537 χ^2/NDF : 11.4/14

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 453.633+/-0.202 χ^2/NDF : 200475.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 448.795+/-0.182 χ^2/NDF : 202719.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

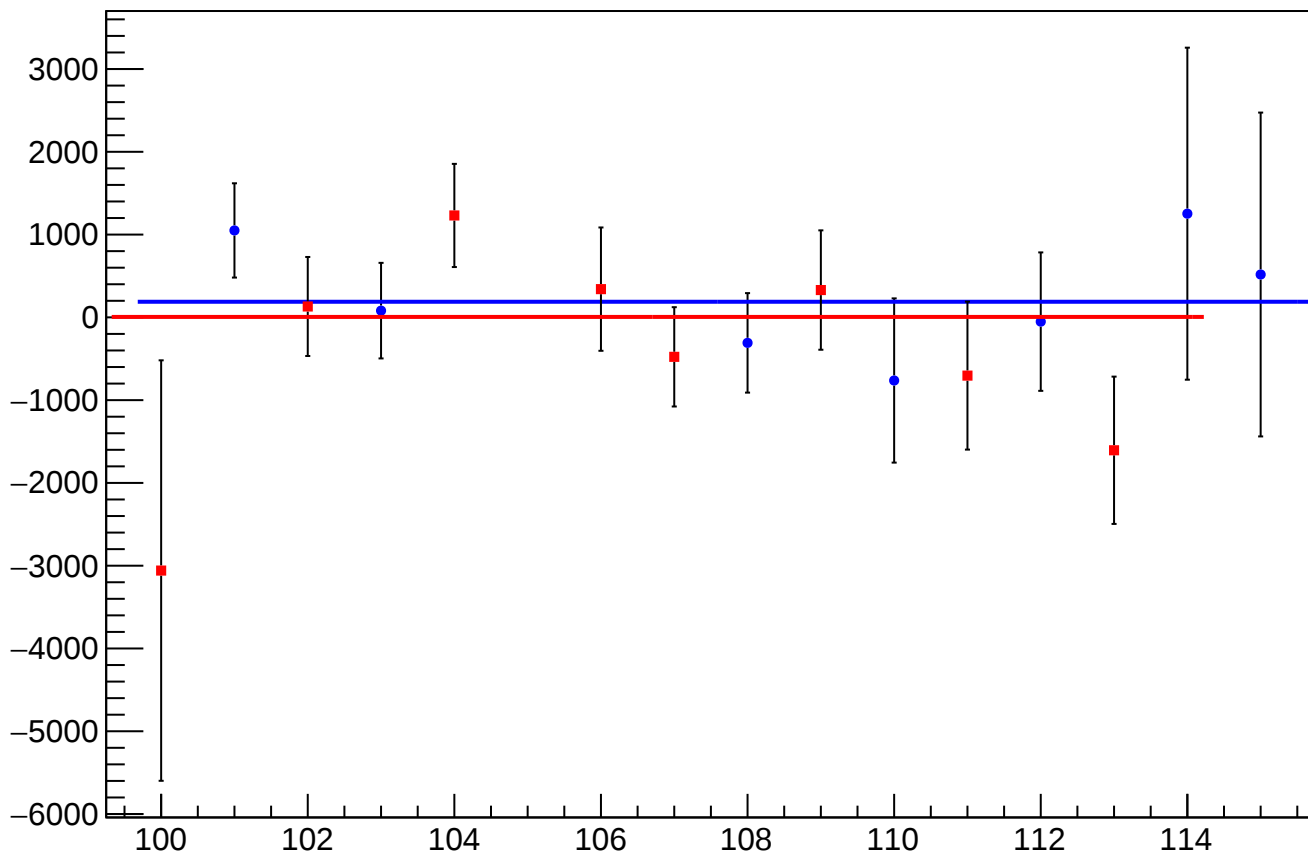
Right: 450.961+/-0.135 χ^2/NDF : 403511.1/14

In: 453.633+/-0.202 χ^2/NDF : 200475.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 450.961+/-0.135 χ^2/NDF : 403511.1/14

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 188.514+/-291.000 χ^2/NDF : 4.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.317+/-262.207 χ^2/NDF : 10.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

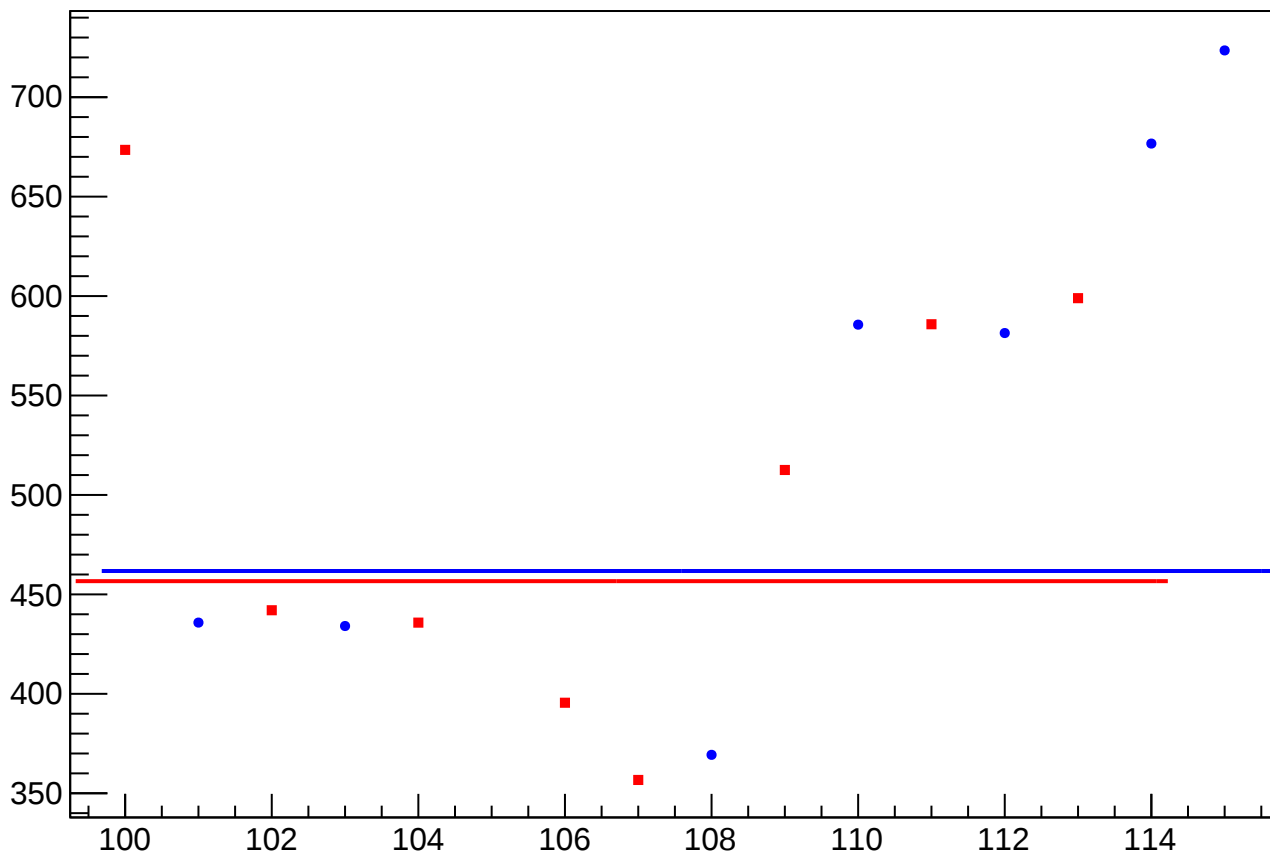
Right: 87.406+/-194.795 χ^2/NDF : 14.9/14

In: 188.514+/-291.000 χ^2/NDF : 4.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.406+/-194.795 χ^2/NDF : 14.9/14

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 461.757+/-0.206 χ^2/NDF : 186972.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 456.652+/-0.185 χ^2/NDF : 191986.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

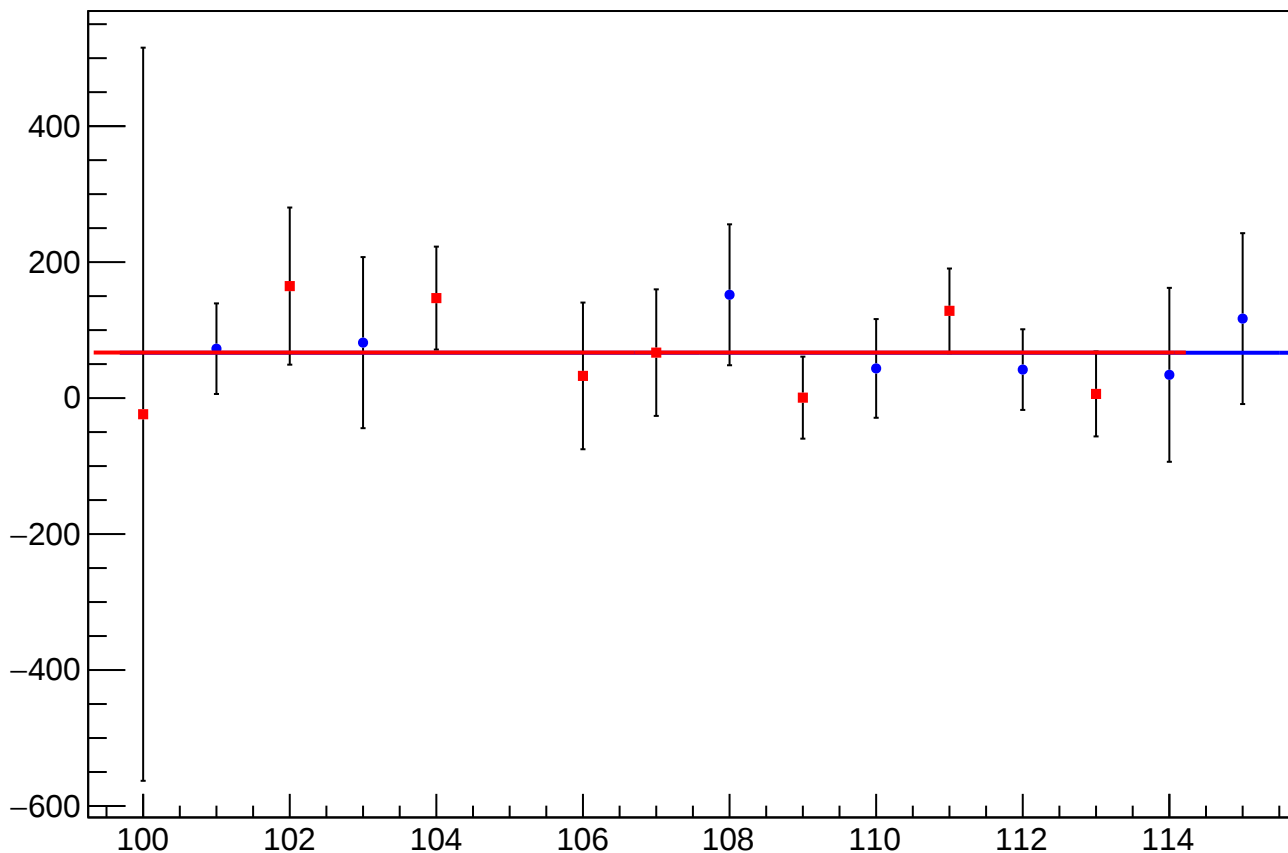
Right: 458.940+/-0.138 χ^2/NDF : 379298.8/14

In: 461.757+/-0.206 χ^2/NDF : 186972.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 458.940+/-0.138 χ^2/NDF : 379298.8/14

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 66.686+/-31.946 χ^2/NDF : 1.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.003+/-28.361 χ^2/NDF : 5.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

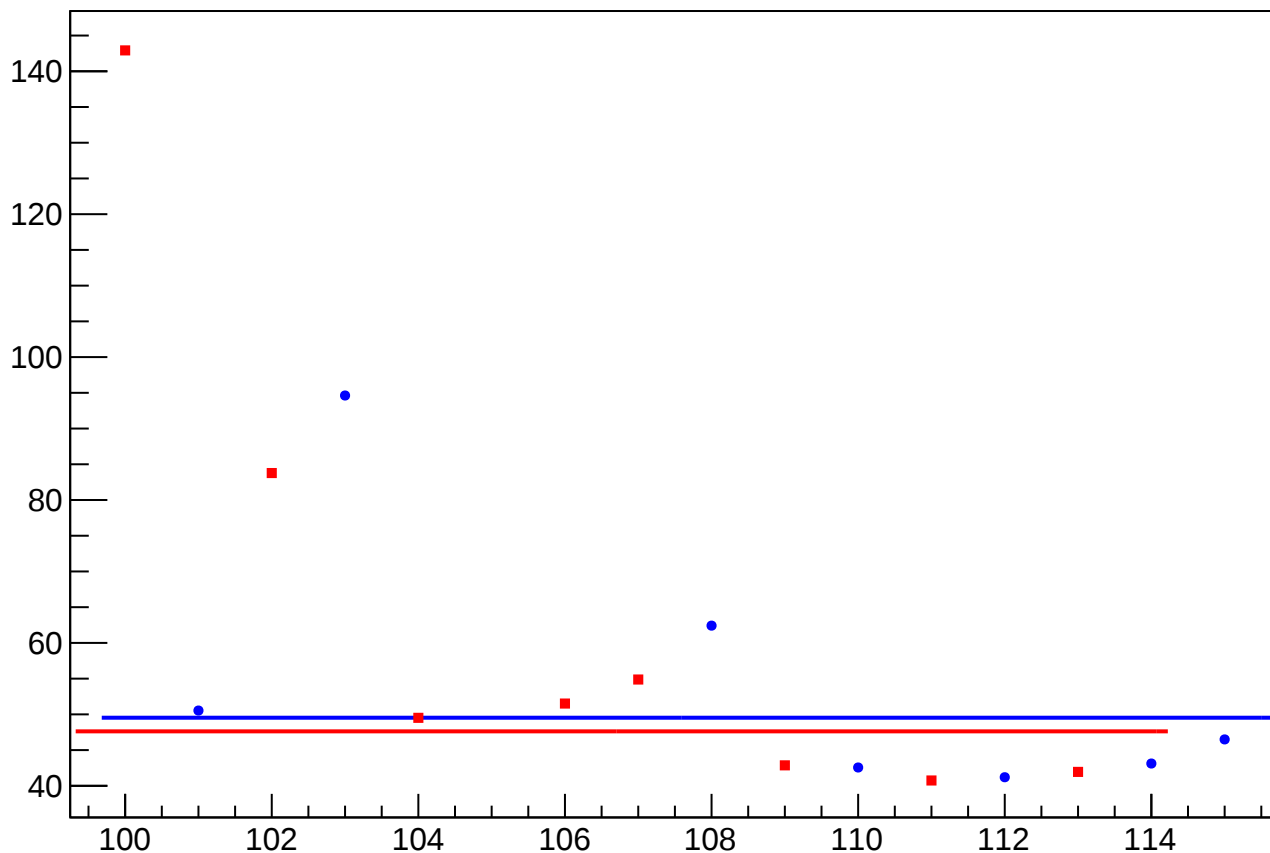
Right: 66.863+/-21.209 χ^2/NDF : 6.3/14

In: 66.686+/-31.946 χ^2/NDF : 1.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.863+/-21.209 χ^2/NDF : 6.3/14

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.531+/-0.023 χ^2/NDF : 352264.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.622+/-0.020 χ^2/NDF : 327490.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

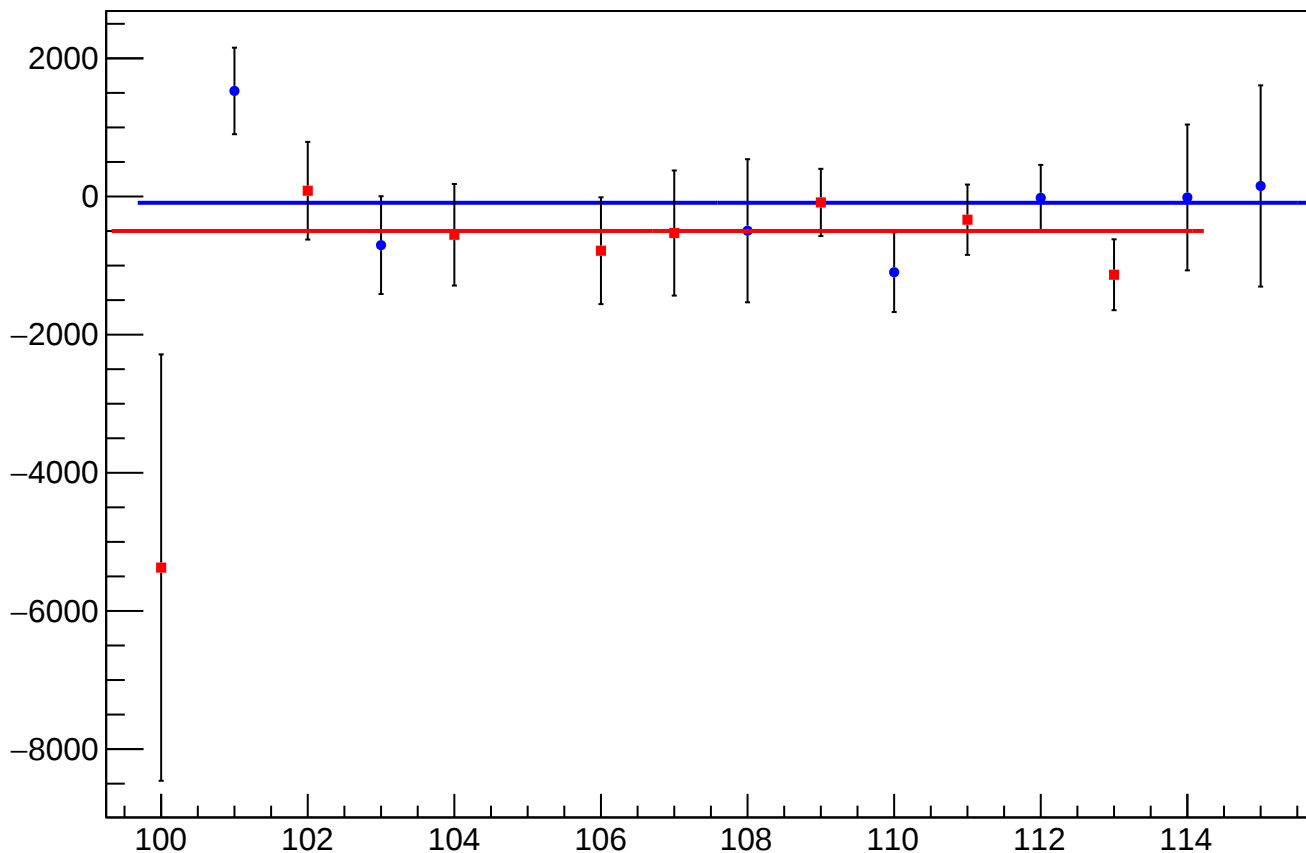
Right: 48.464+/-0.015 χ^2/NDF : 683748.3/14

In: 49.531+/-0.023 χ^2/NDF : 352264.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.464+/-0.015 χ^2/NDF : 683748.3/14

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -90.995 ± 264.874 χ^2/NDF : 10.7/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -498.987 ± 231.041 χ^2/NDF : 5.7/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

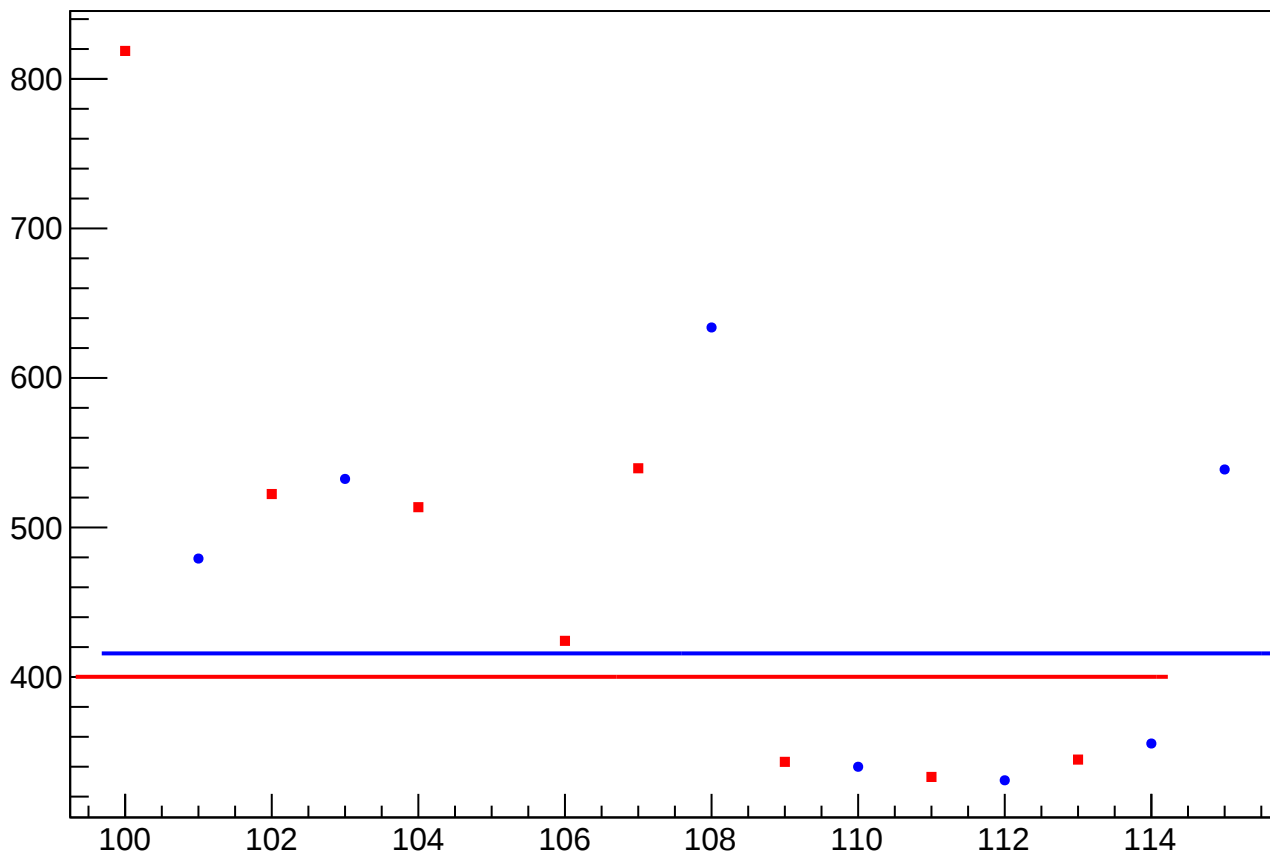
Right: -322.696 ± 174.112 χ^2/NDF : 17.7/14

In: -90.995 ± 264.874 χ^2/NDF : 10.7/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -322.696 ± 174.112 χ^2/NDF : 17.7/14

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 415.781+/-0.187 χ^2/NDF : 282153.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 400.126+/-0.163 χ^2/NDF : 278890.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

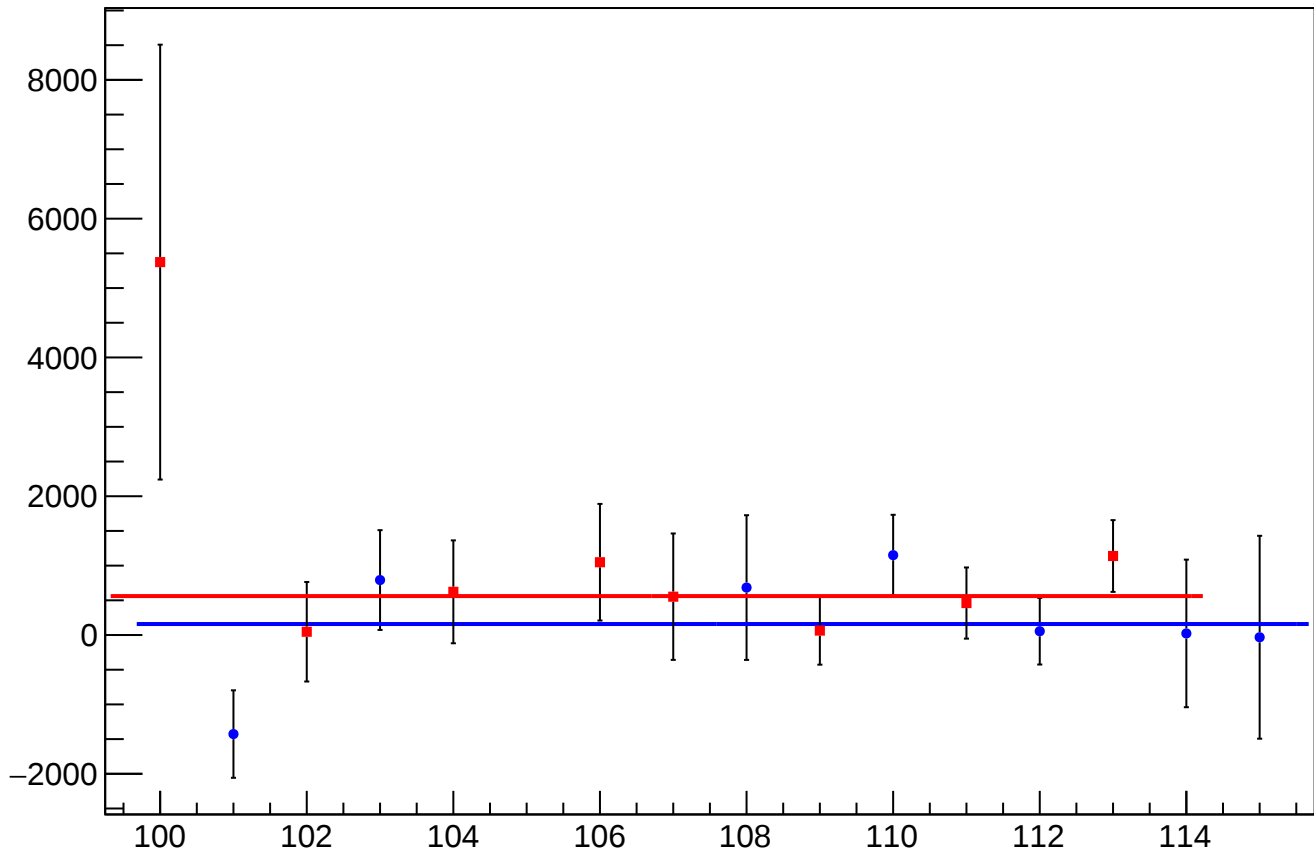
Right: 406.890+/-0.123 χ^2/NDF : 565011.8/14

In: 415.781+/-0.187 χ^2/NDF : 282153.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 406.890+/-0.123 χ^2/NDF : 565011.8/14

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 158.368+/-267.126 χ^2/NDF : 10.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 561.132+/-234.540 χ^2/NDF : 5.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

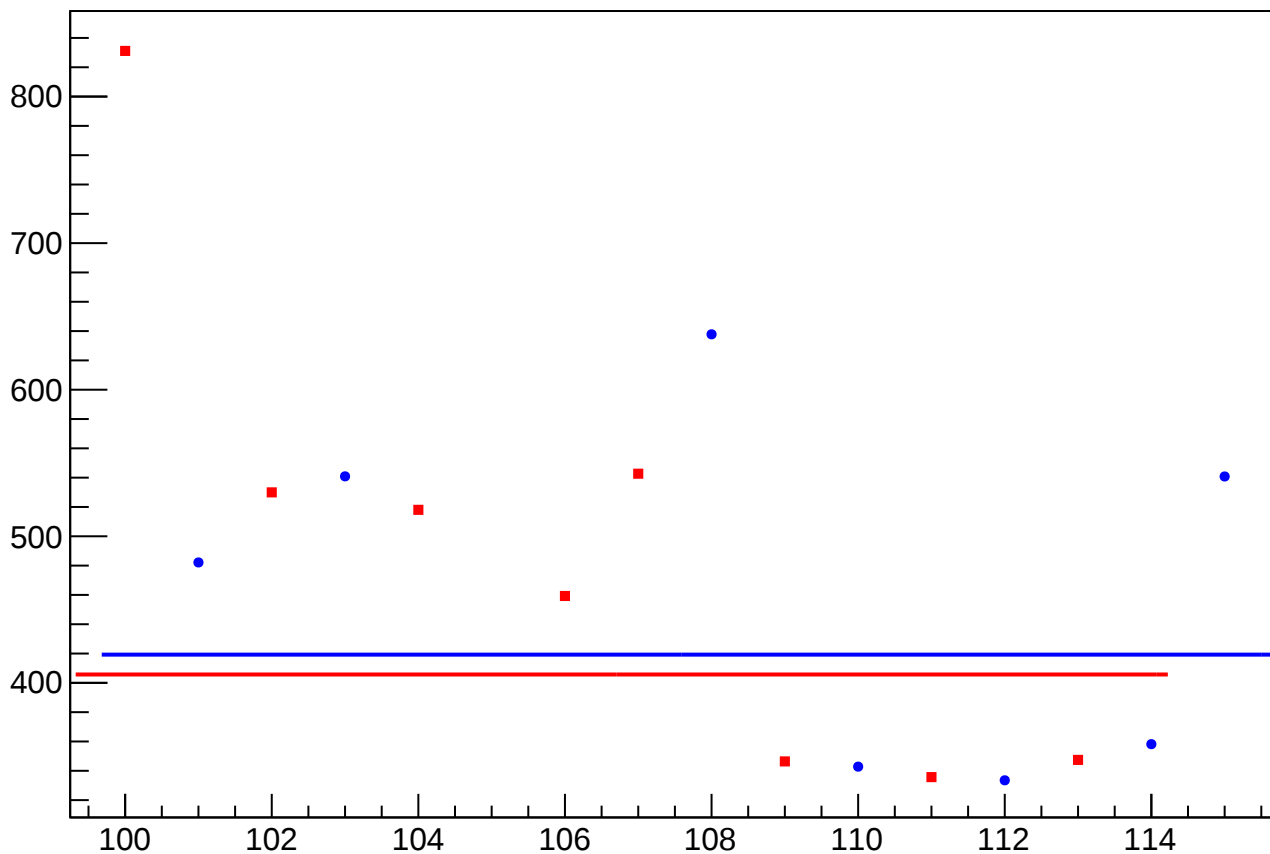
Right: 385.803+/-176.246 χ^2/NDF : 17.2/14

In: 158.368+/-267.126 χ^2/NDF : 10.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 385.803+/-176.246 χ^2/NDF : 17.2/14

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 419.259+/-0.189 χ^2/NDF : 283702.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 405.707+/-0.166 χ^2/NDF : 288052.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

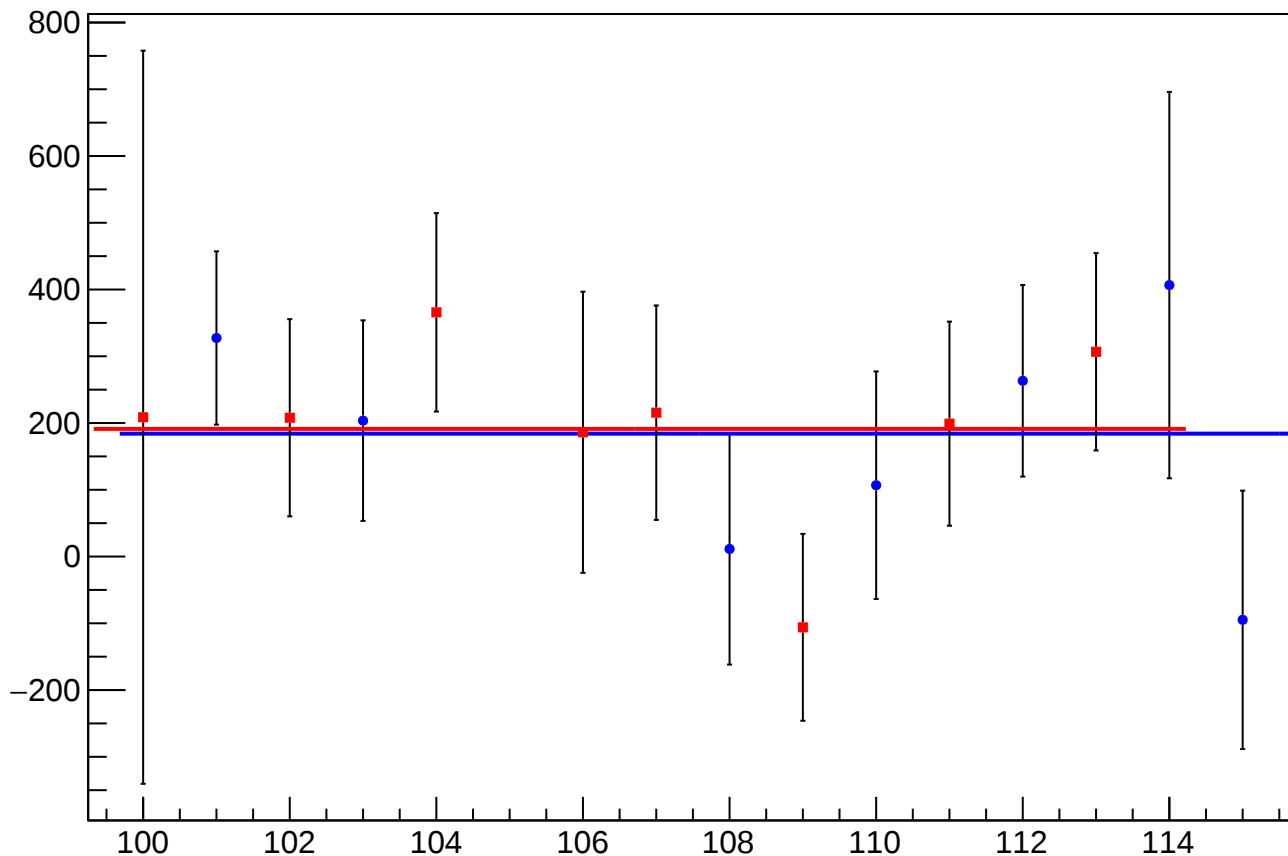
Right: 411.606+/-0.125 χ^2/NDF : 574662.1/14

In: 419.259+/-0.189 χ^2/NDF : 283702.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 411.606+/-0.125 χ^2/NDF : 574662.1/14

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 184.106 $\pm$ 62.183 χ^2 /NDF: 5.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 191.244 $\pm$ 58.190 χ^2 /NDF: 6.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

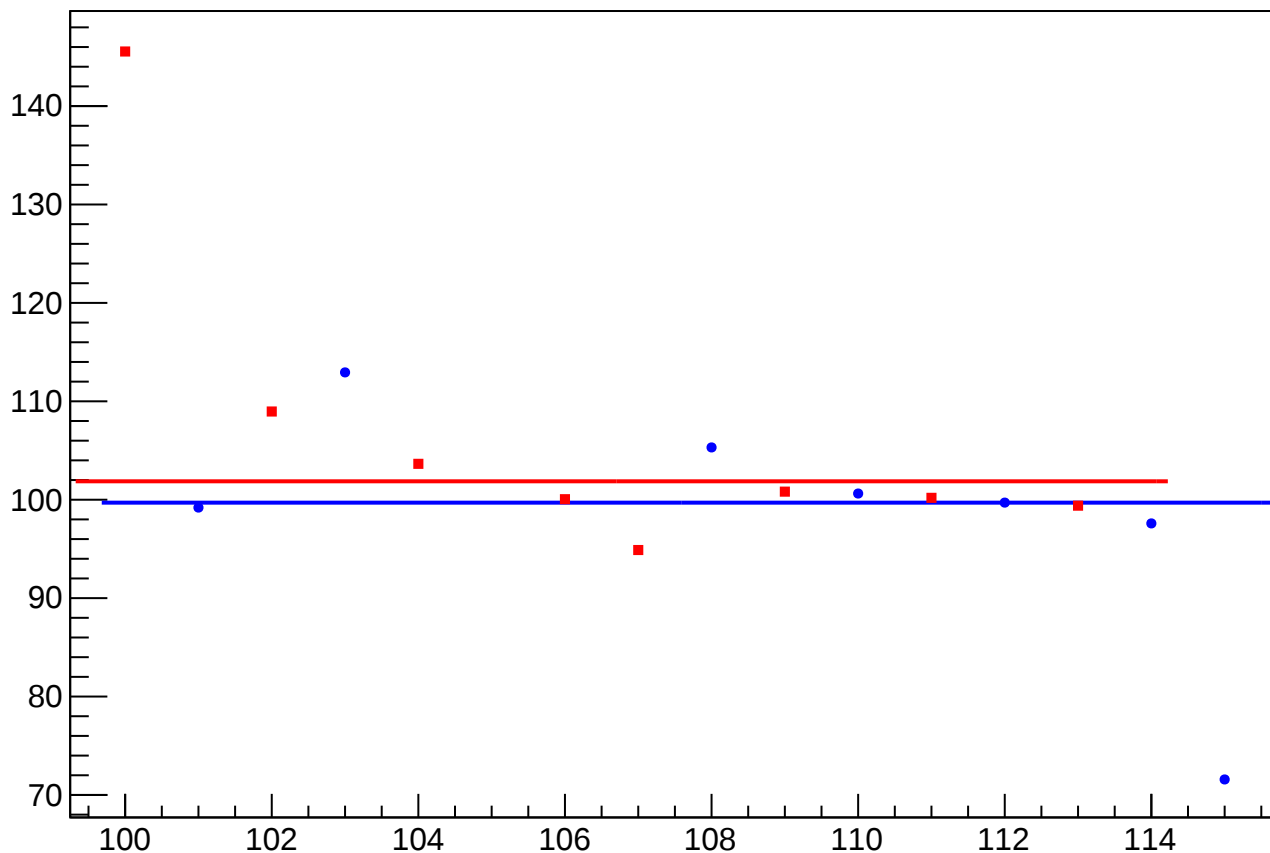
Right: 187.911 $\pm$ 42.488 χ^2 /NDF: 12.0/14

In: 184.106 $\pm$ 62.183 χ^2 /NDF: 5.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 187.911 $\pm$ 42.488 χ^2 /NDF: 12.0/14

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 99.702+/-0.044 χ^2/NDF : 60069.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.872+/-0.041 χ^2/NDF : 22393.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

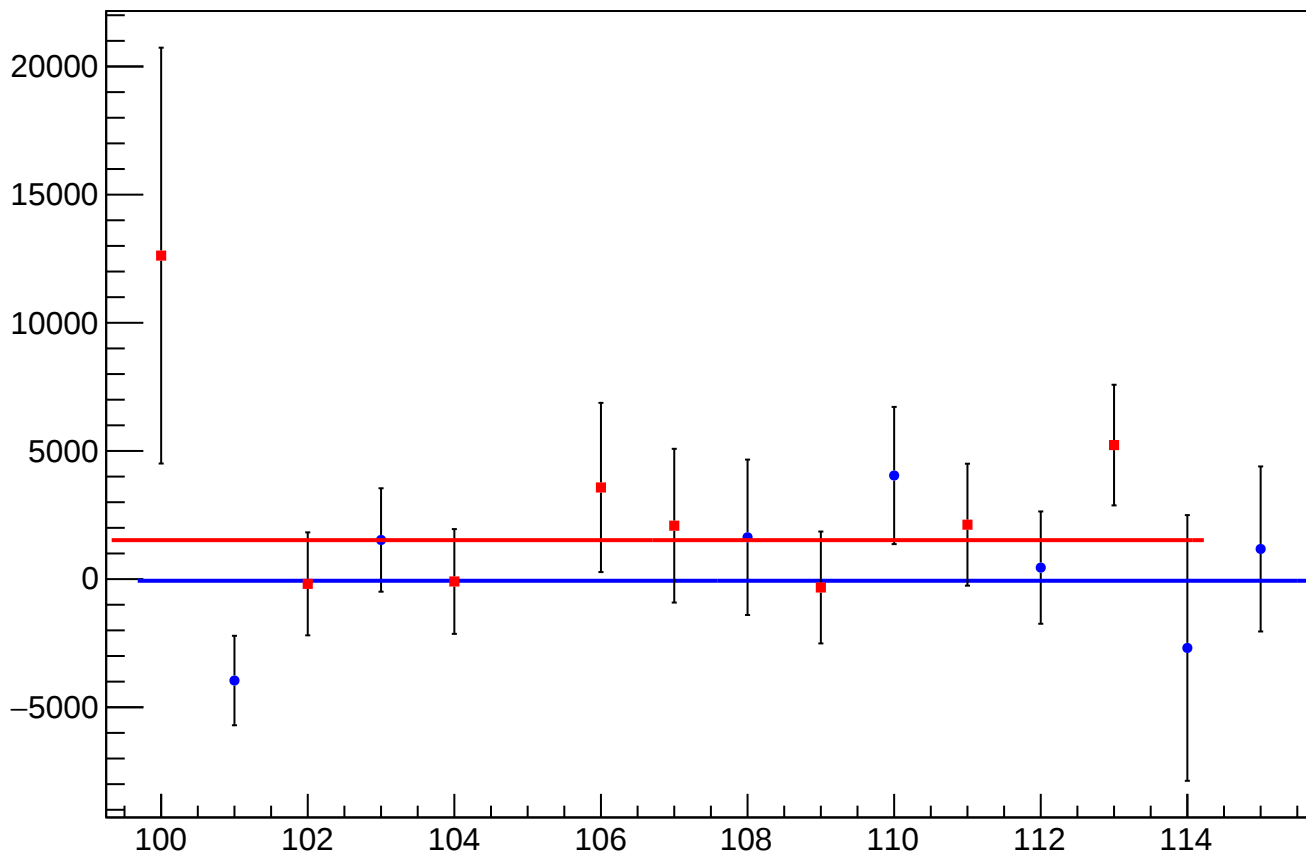
Right: 100.859+/-0.030 χ^2/NDF : 83761.2/14

In: 99.702+/-0.044 χ^2/NDF : 60069.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.859+/-0.030 χ^2/NDF : 83761.2/14

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -64.477 ± 926.727 χ^2/NDF : 8.7/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1520.068 ± 886.451 χ^2/NDF : 6.9/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

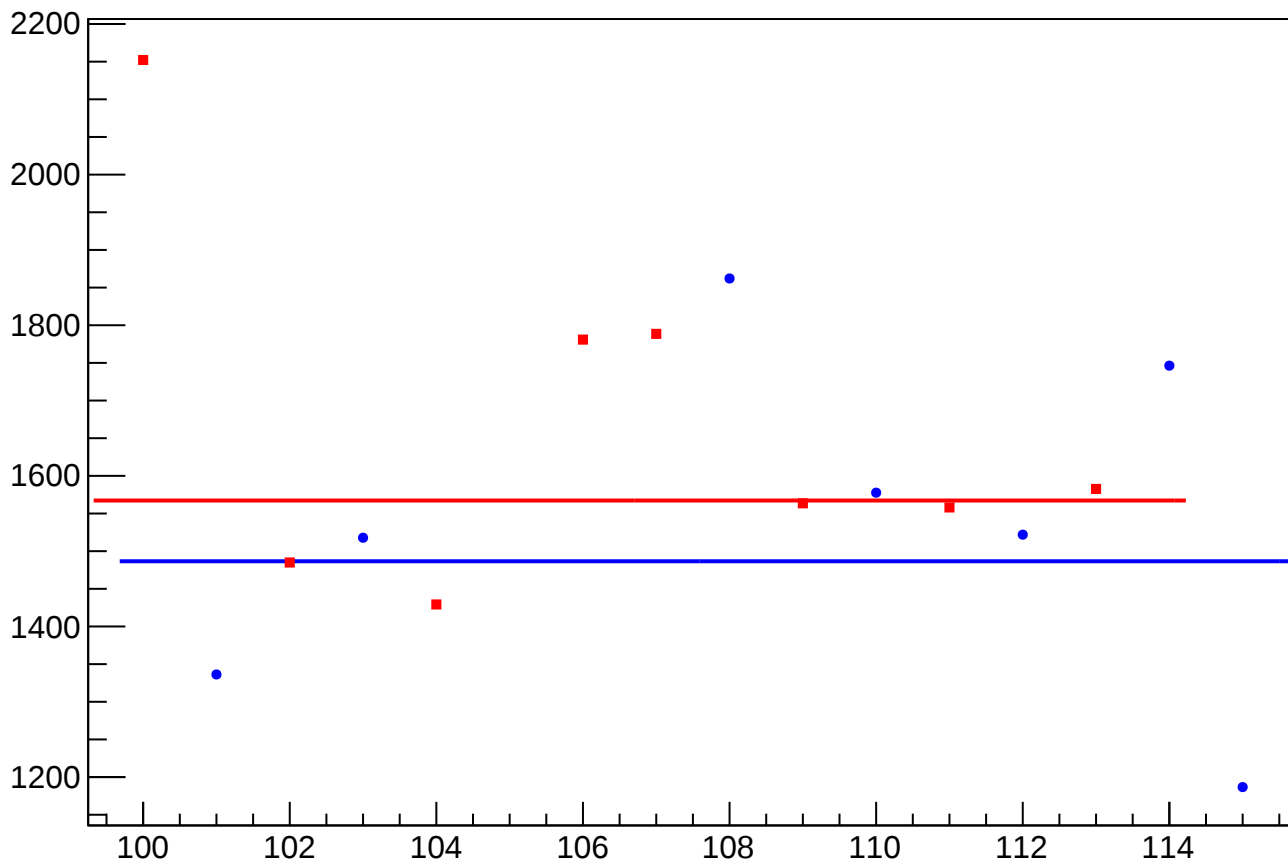
Right: 762.976 ± 640.581 χ^2/NDF : 17.2/14

In: -64.477 ± 926.727 χ^2/NDF : 8.7/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 762.976 ± 640.581 χ^2/NDF : 17.2/14

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1486.604+/-0.655 χ^2/NDF : 71218.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1567.275+/-0.627 χ^2/NDF : 42267.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

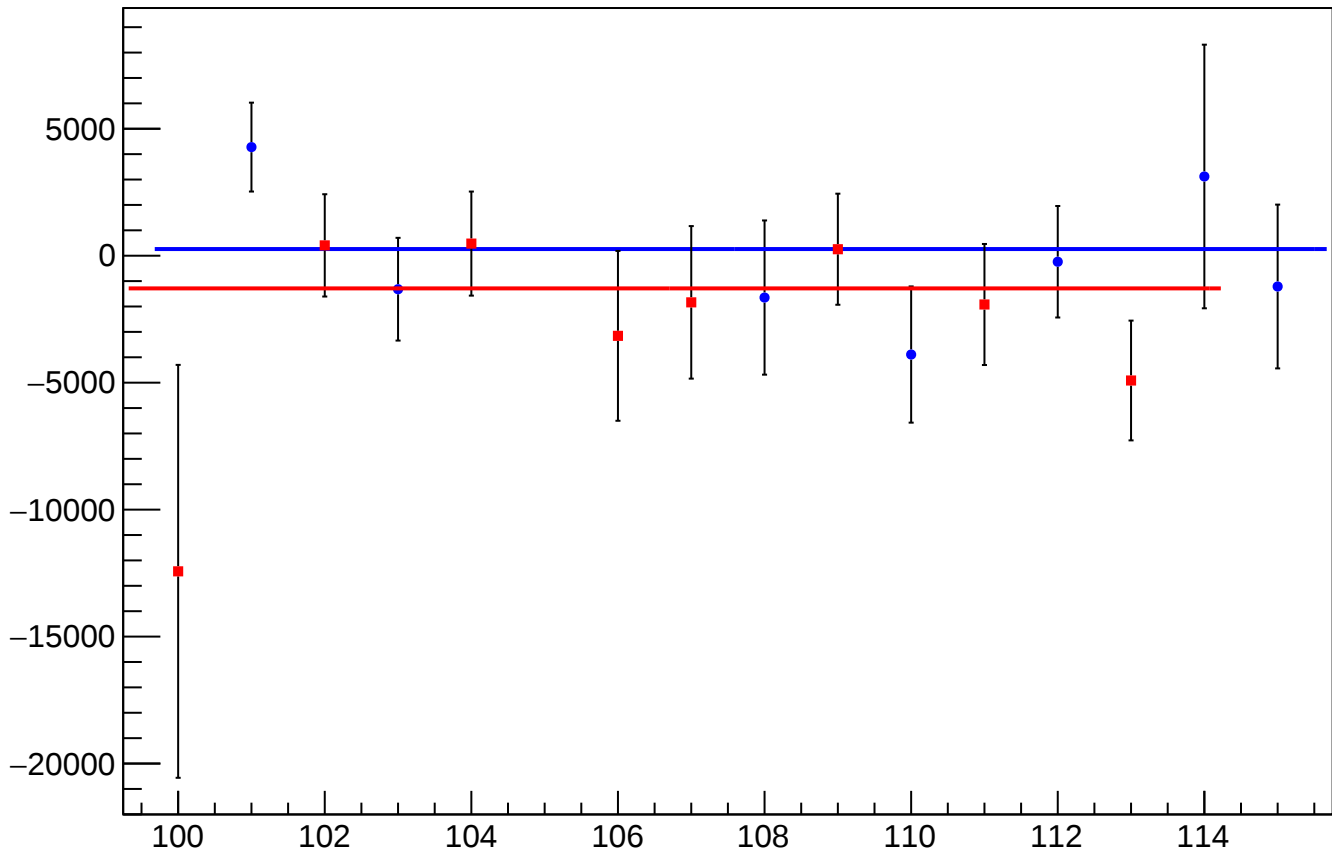
Right: 1528.731+/-0.453 χ^2/NDF : 121399.7/14

In: 1486.604+/-0.655 χ^2/NDF : 71218.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1528.731+/-0.453 χ^2/NDF : 121399.7/14

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 262.469+/-928.945 χ^2 /NDF: 9.2/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1287.222+/-889.184 χ^2 /NDF: 6.6/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

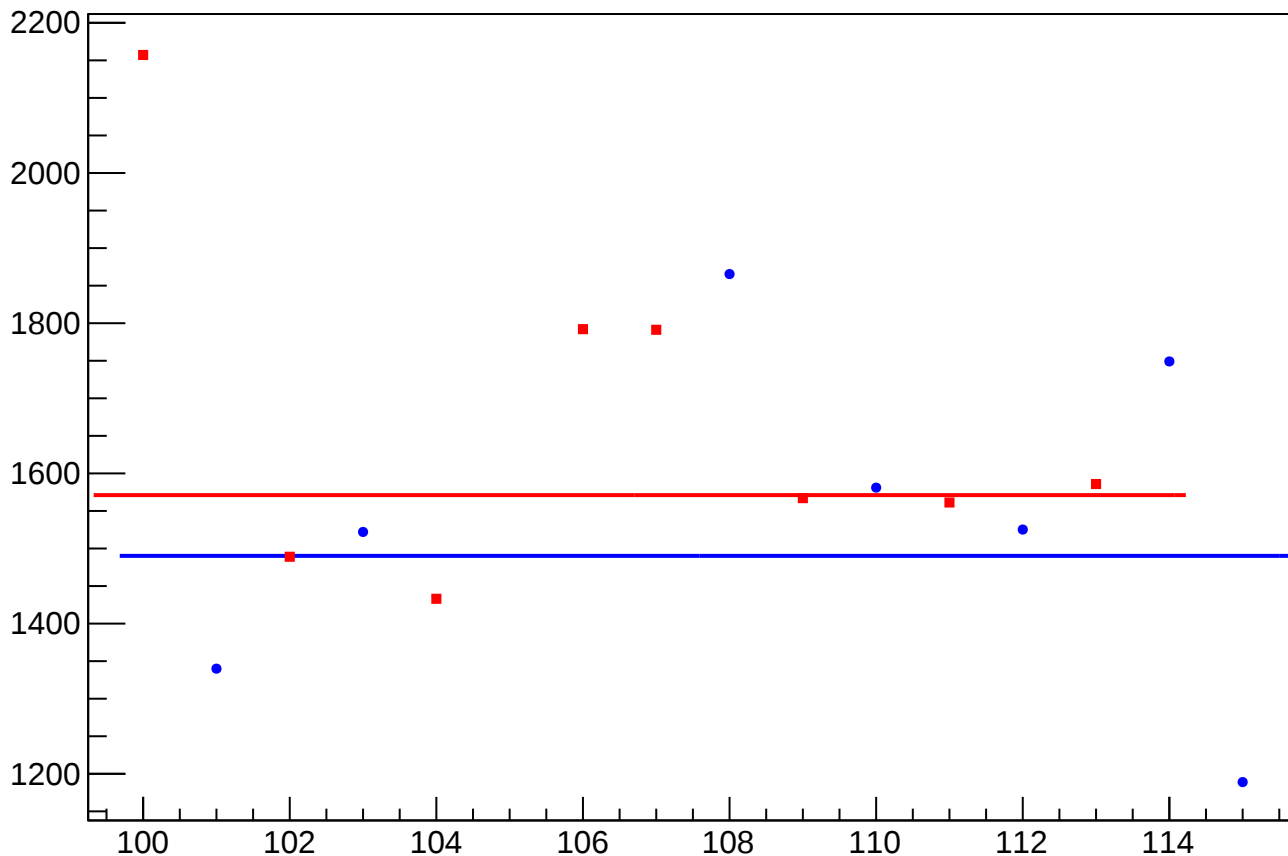
Right: -546.251+/-642.345 χ^2 /NDF: 17.3/14

In: 262.469+/-928.945 χ^2 /NDF:9.2/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -546.251+/-642.345 χ^2 /NDF: 17.3/14

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1490.205+/-0.657 χ^2/NDF : 70982.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1571.103+/-0.629 χ^2/NDF : 42383.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

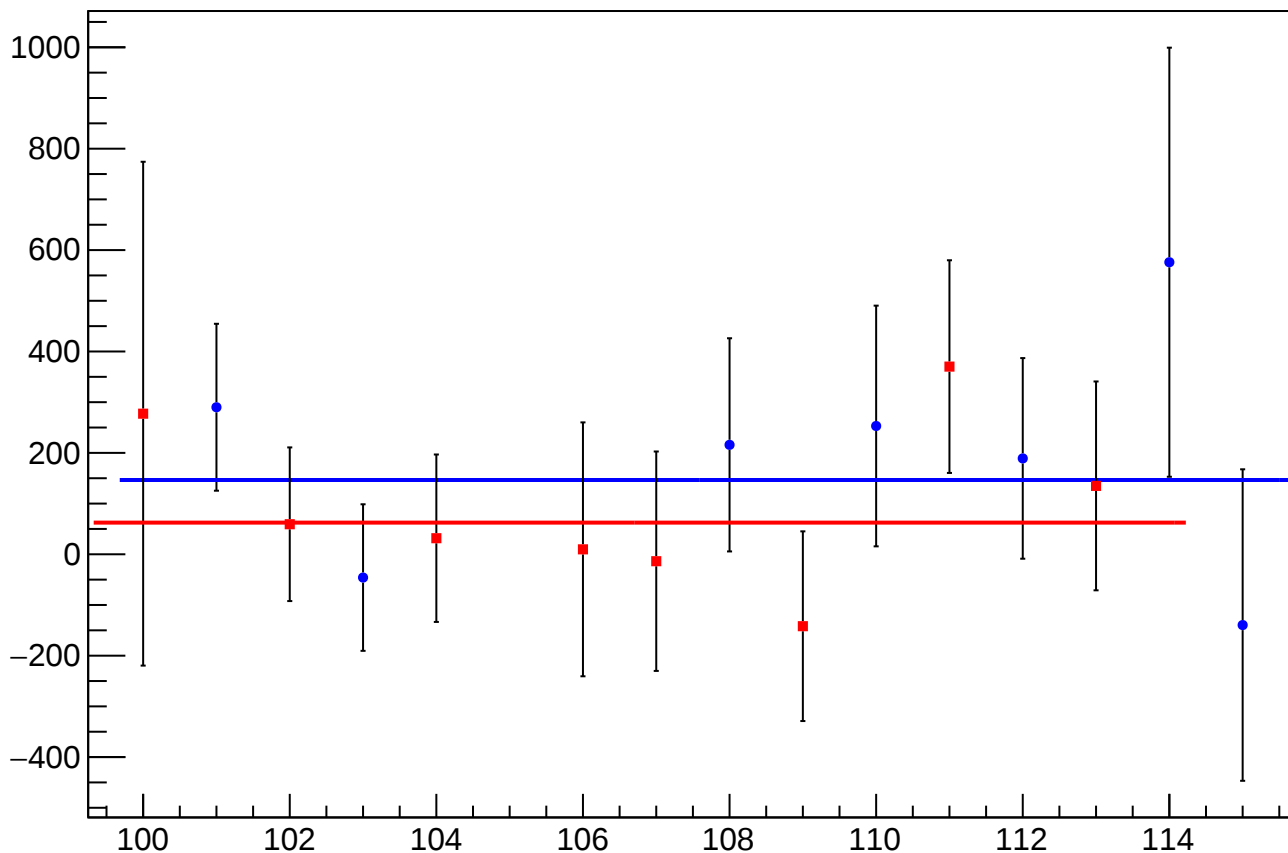
Right: 1532.422+/-0.454 χ^2/NDF : 121281.4/14

In: 1490.205+/-0.657 χ^2/NDF : 70982.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1532.422+/-0.454 χ^2/NDF : 121281.4/14

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 146.516 $\pm$ 77.414 χ^2 /NDF: 4.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 62.460 $\pm$ 71.346 χ^2 /NDF: 3.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

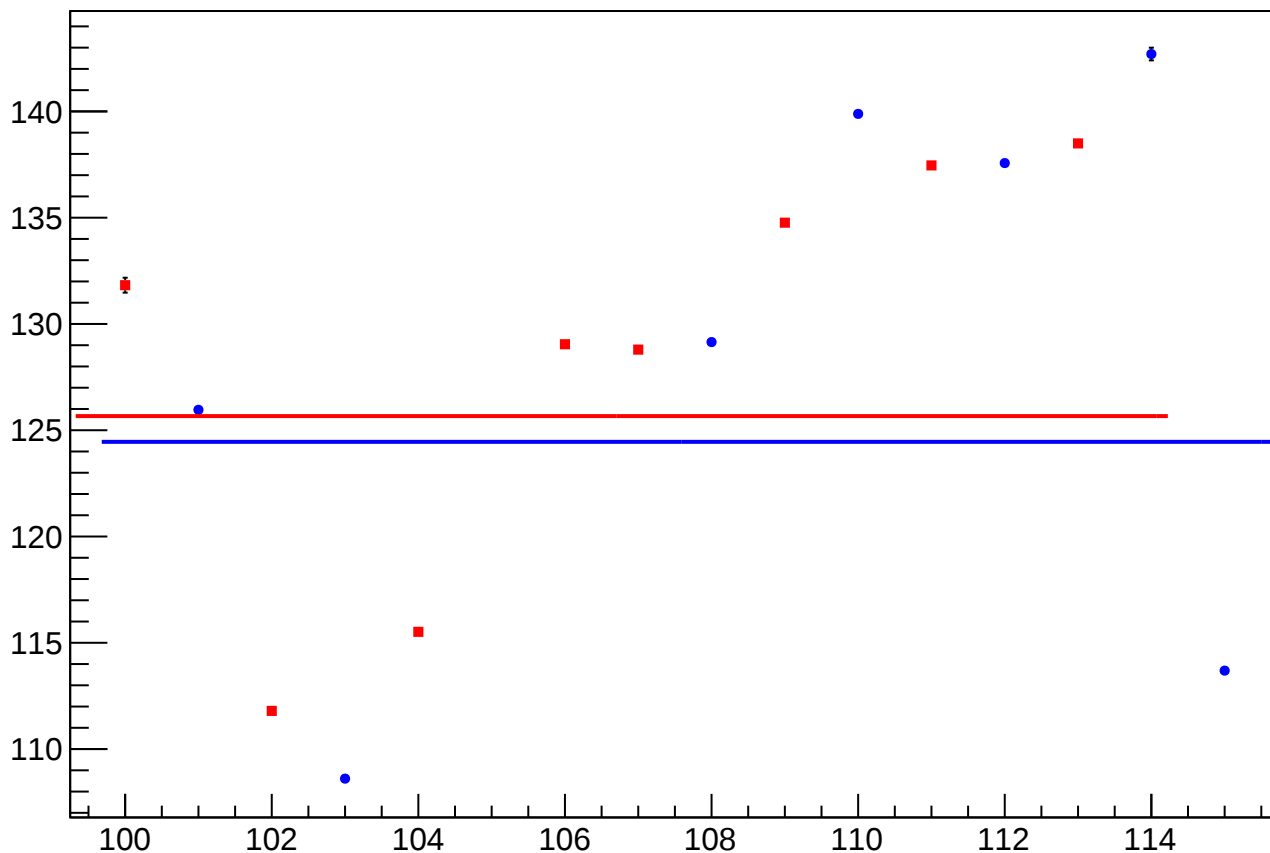
Right: 101.065 $\pm$ 52.463 χ^2 /NDF: 9.3/14

In: 146.516 $\pm$ 77.414 χ^2 /NDF: 4.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 101.065 $\pm$ 52.463 χ^2 /NDF: 9.3/14

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 124.455+/-0.055 χ^2/NDF : 48608.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.665+/-0.050 χ^2/NDF : 44215.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

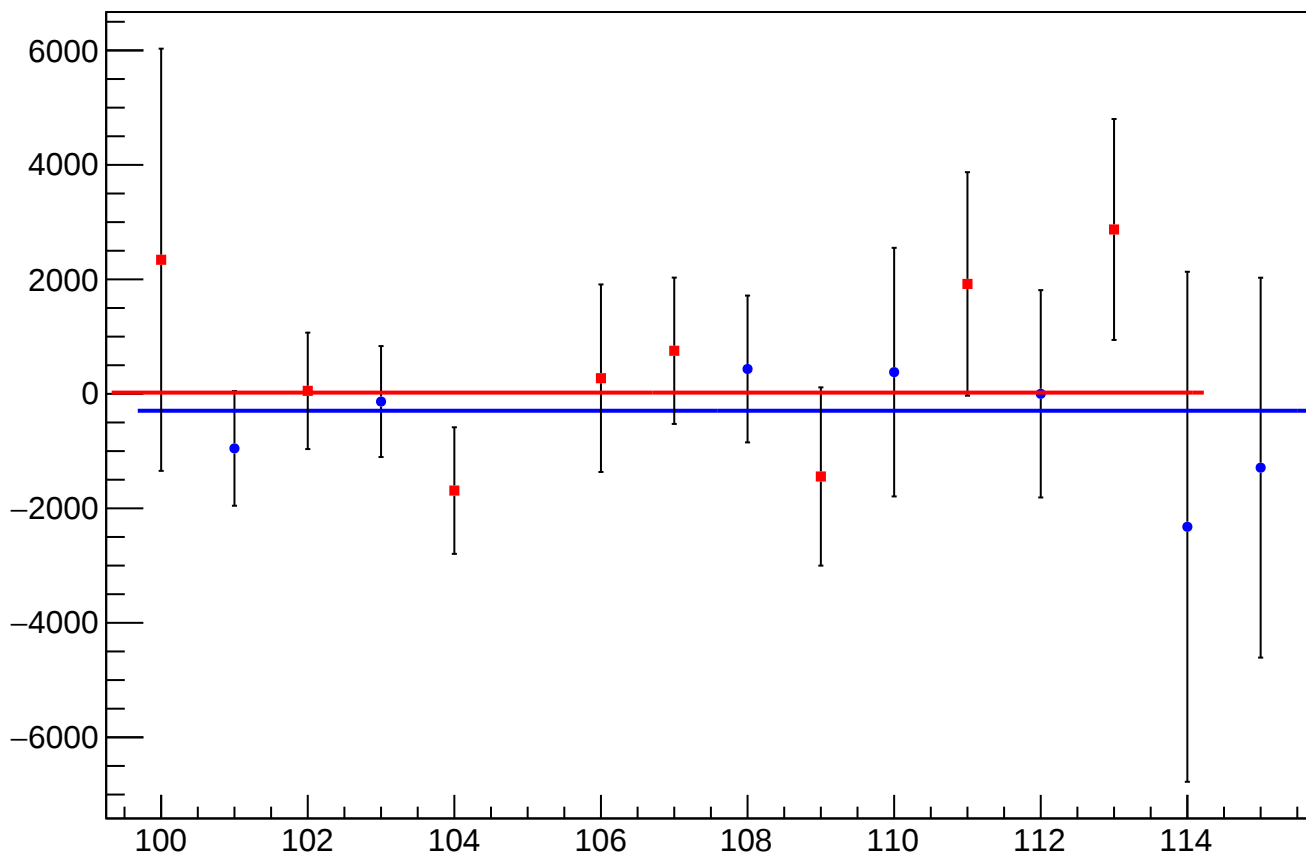
Right: 125.109+/-0.037 χ^2/NDF : 93088.7/14

In: 124.455+/-0.055 χ^2/NDF : 48608.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.109+/-0.037 χ^2/NDF : 93088.7/14

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -294.985+/-548.234 χ^2/NDF : 1.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.004+/-513.853 χ^2/NDF : 7.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

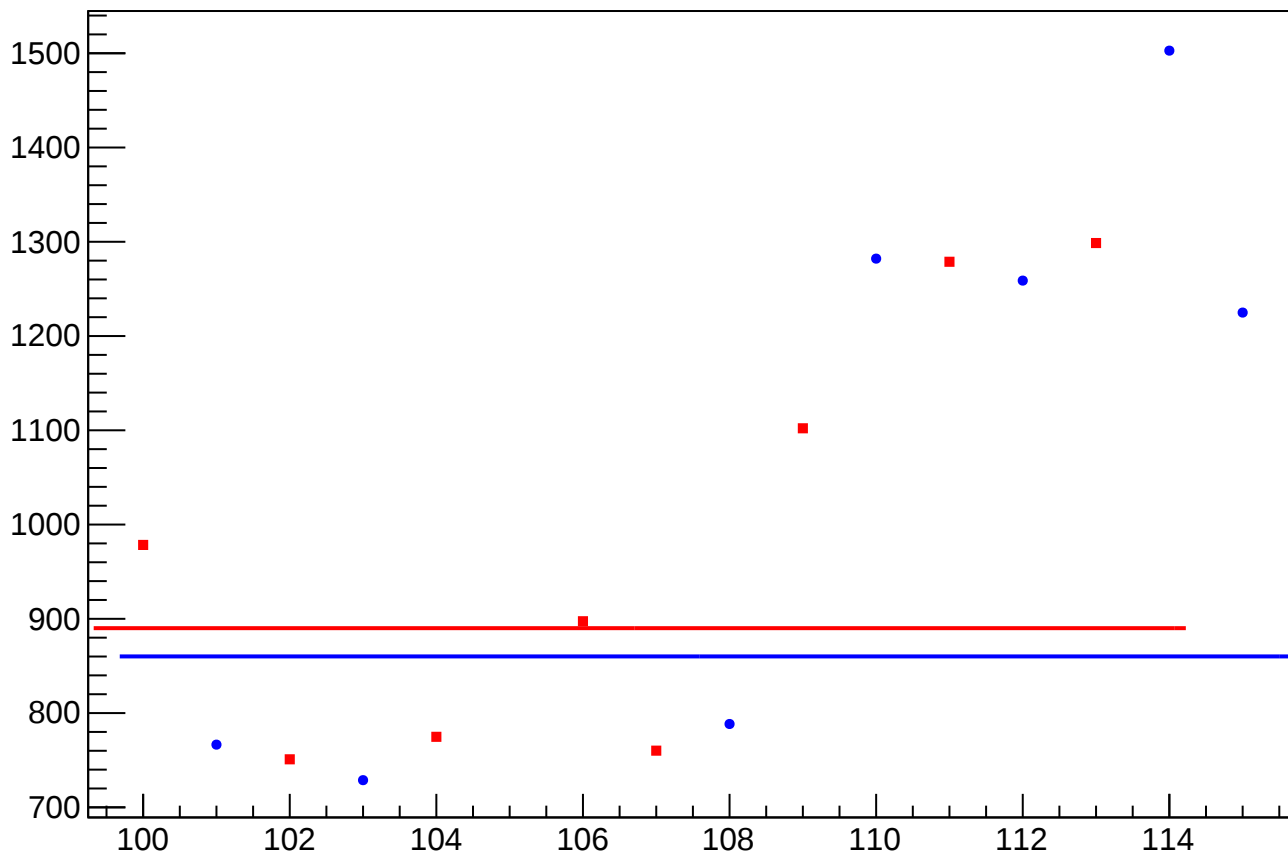
Right: -126.240+/-374.915 χ^2/NDF : 8.5/14

In: -294.985+/-548.234 χ^2/NDF : 1.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -126.240+/-374.915 χ^2/NDF : 8.5/14

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 860.109+/-0.388 χ^2/NDF : 298641.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 890.084+/-0.363 χ^2/NDF : 287113.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

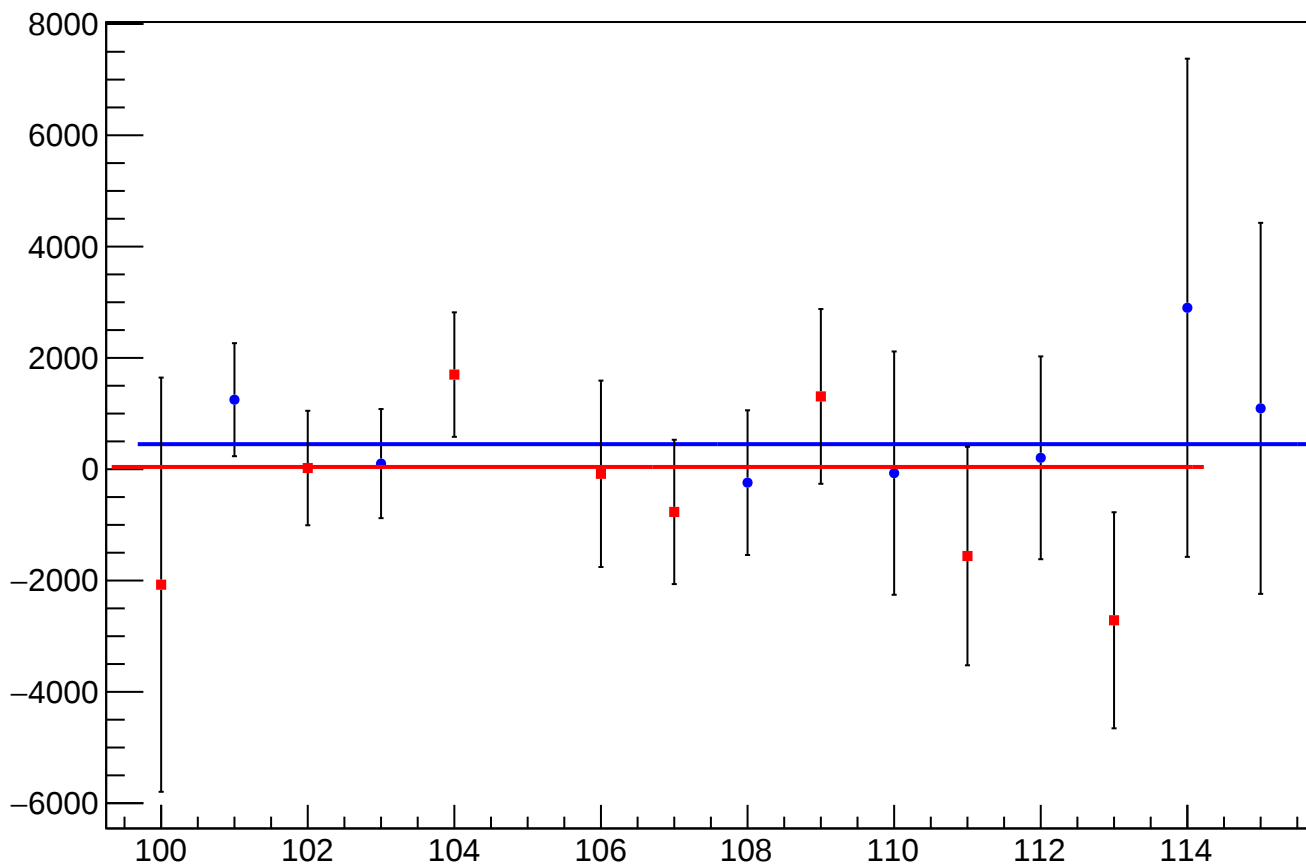
Right: 876.066+/-0.265 χ^2/NDF : 588937.8/14

In: 860.109+/-0.388 χ^2/NDF : 298641.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 876.066+/-0.265 χ^2/NDF : 588937.8/14

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 450.251+/-554.413 χ^2/NDF : 1.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.824+/-519.834 χ^2/NDF : 6.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

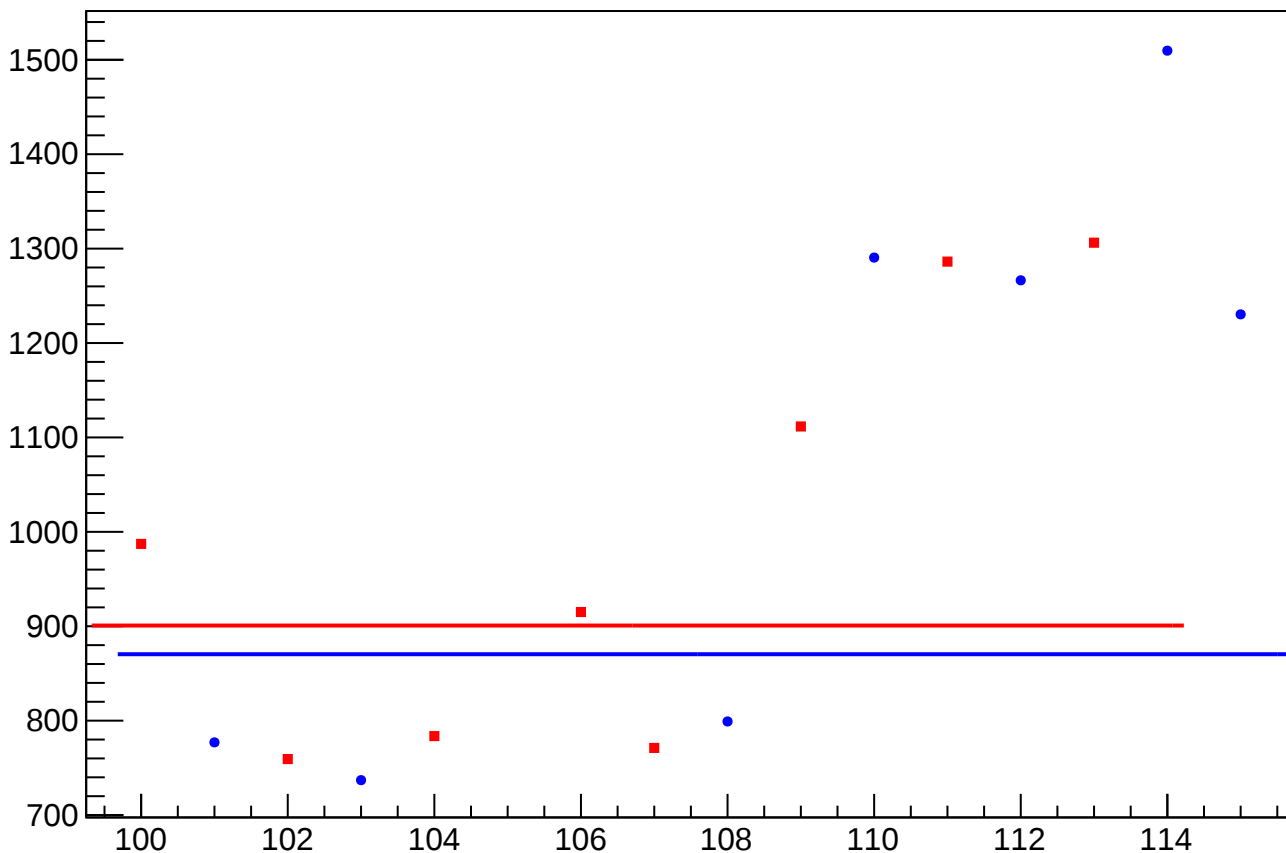
Right: 232.372+/-379.214 χ^2/NDF : 8.0/14

In: 450.251+/-554.413 χ^2/NDF : 1.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 232.372+/-379.214 χ^2/NDF : 8.0/14

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 870.378+/-0.392 χ^2/NDF : 292515.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 900.756+/-0.368 χ^2/NDF : 281503.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

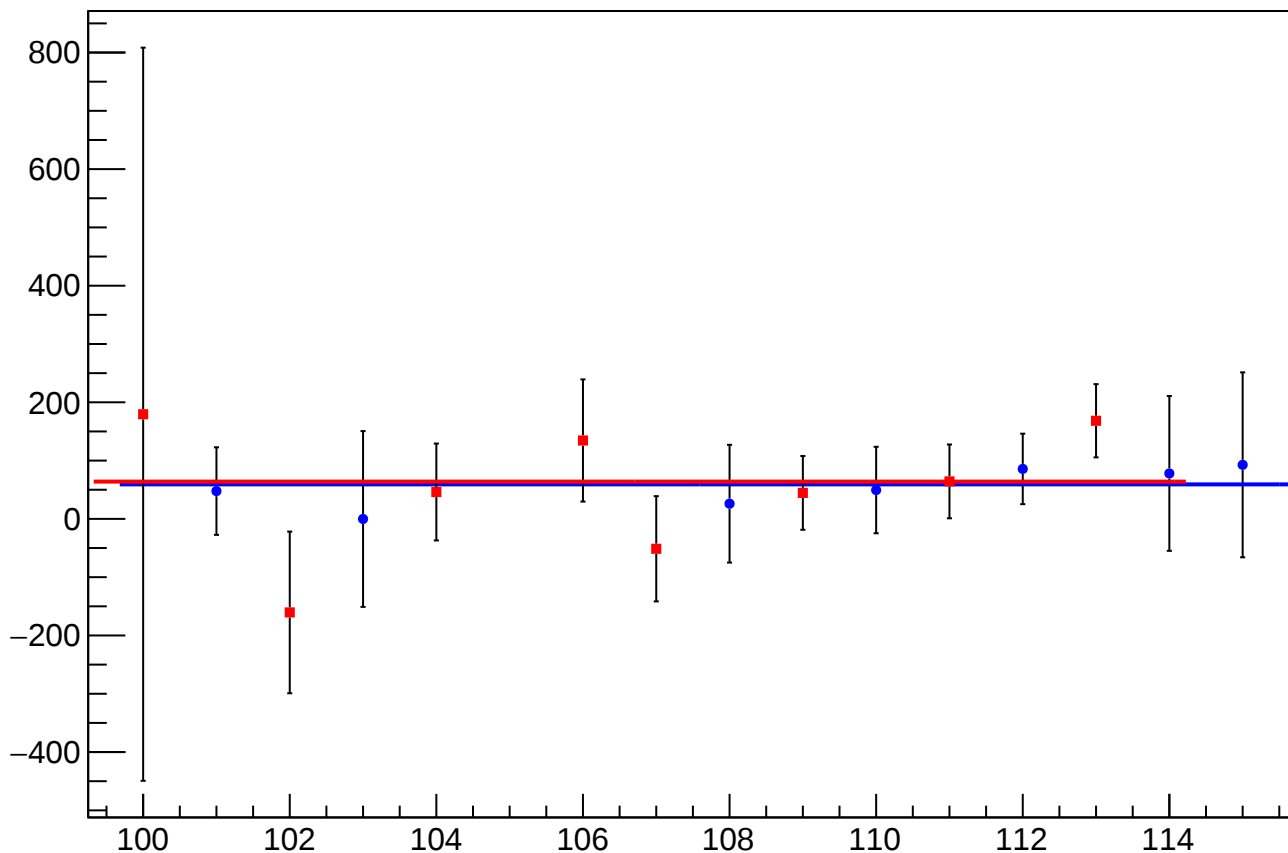
Right: 886.544+/-0.268 χ^2/NDF : 577214.7/14

In: 870.378+/-0.392 χ^2/NDF : 292515.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 886.544+/-0.268 χ^2/NDF : 577214.7/14

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 59.177+/-33.881 χ^2/NDF : 0.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.941+/-29.290 χ^2/NDF : 7.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

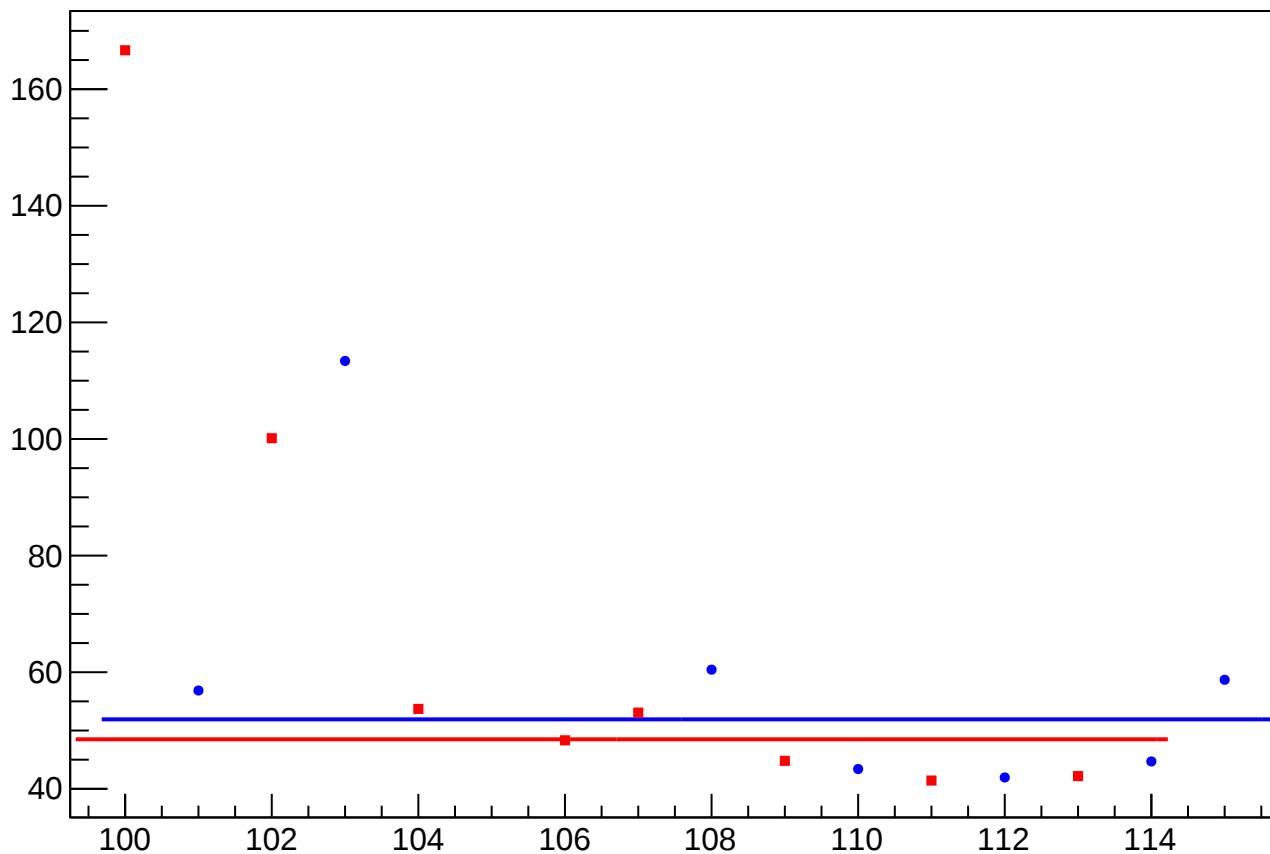
Right: 61.904+/-22.158 χ^2/NDF : 8.2/14

In: 59.177+/-33.881 χ^2/NDF : 0.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.904+/-22.158 χ^2/NDF : 8.2/14

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 51.917+/-0.024 χ^2/NDF : 445618.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.494+/-0.021 χ^2/NDF : 412889.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

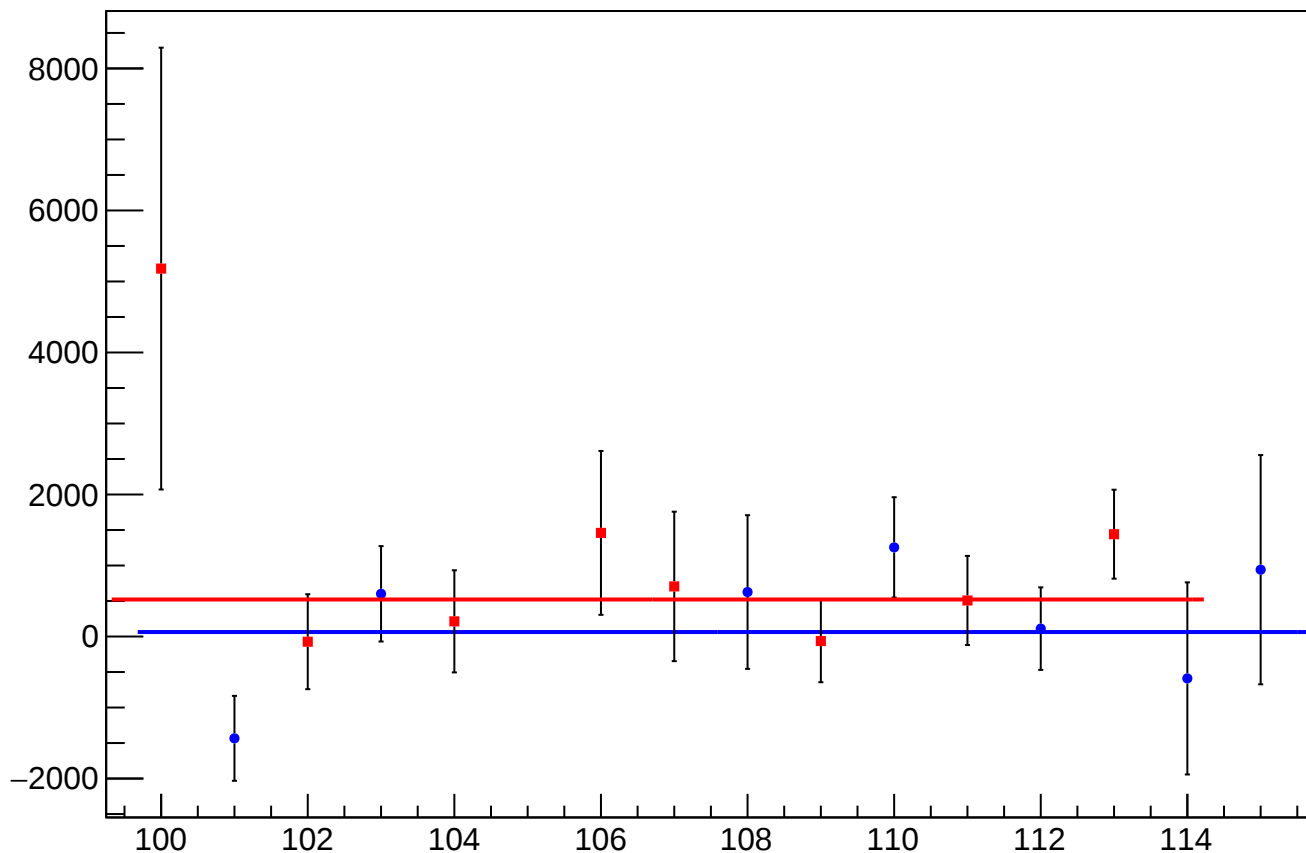
Right: 49.958+/-0.016 χ^2/NDF : 870193.0/14

In: 51.917+/-0.024 χ^2/NDF : 445618.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.958+/-0.016 χ^2/NDF : 870193.0/14

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: 63.097+/-291.598 χ^2/NDF : 10.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 521.534+/-267.417 χ^2/NDF : 7.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

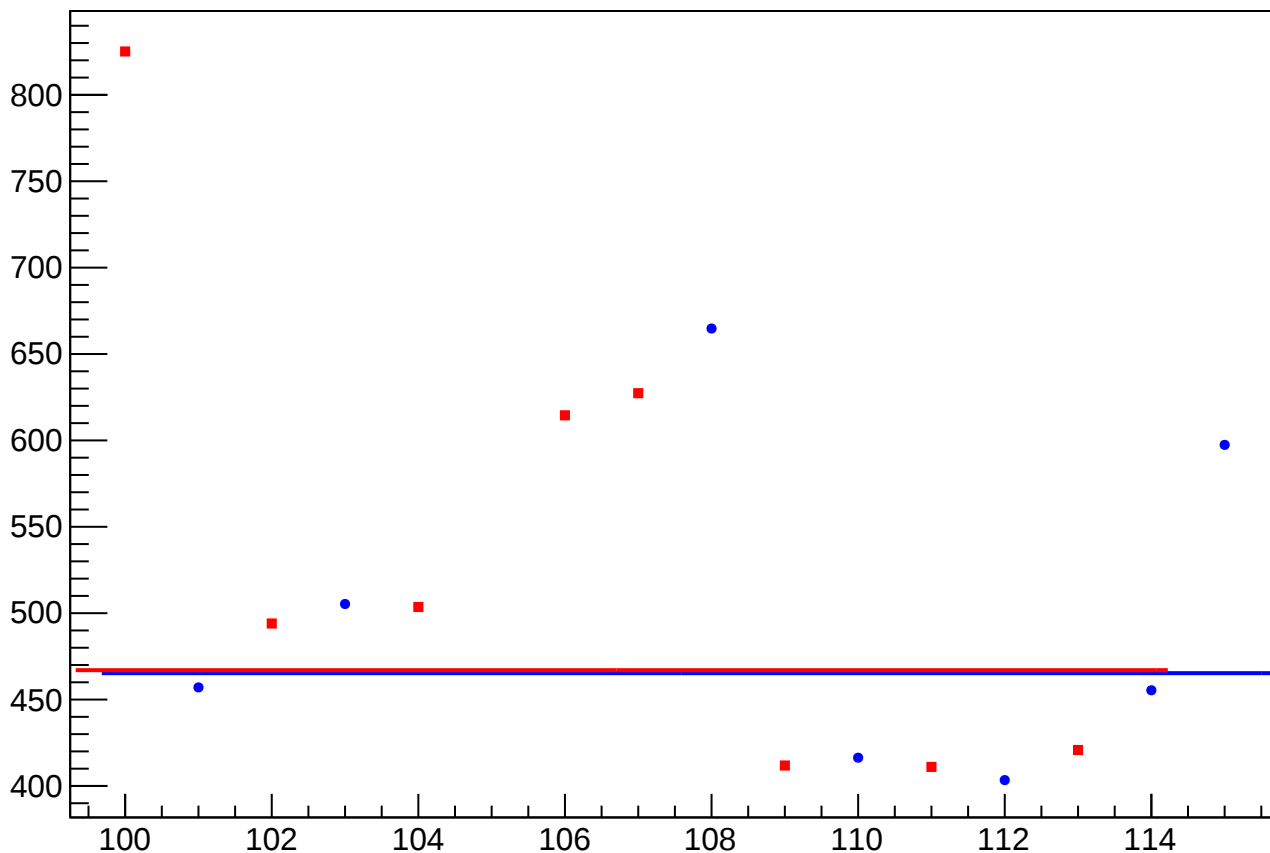
Right: 312.109+/-197.088 χ^2/NDF : 19.0/14

In: 63.097+/-291.598 χ^2/NDF : 10.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.109+/-197.088 χ^2/NDF : 19.0/14

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 465.285+/-0.206 χ^2/NDF : 121224.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 467.017+/-0.189 χ^2/NDF : 158909.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

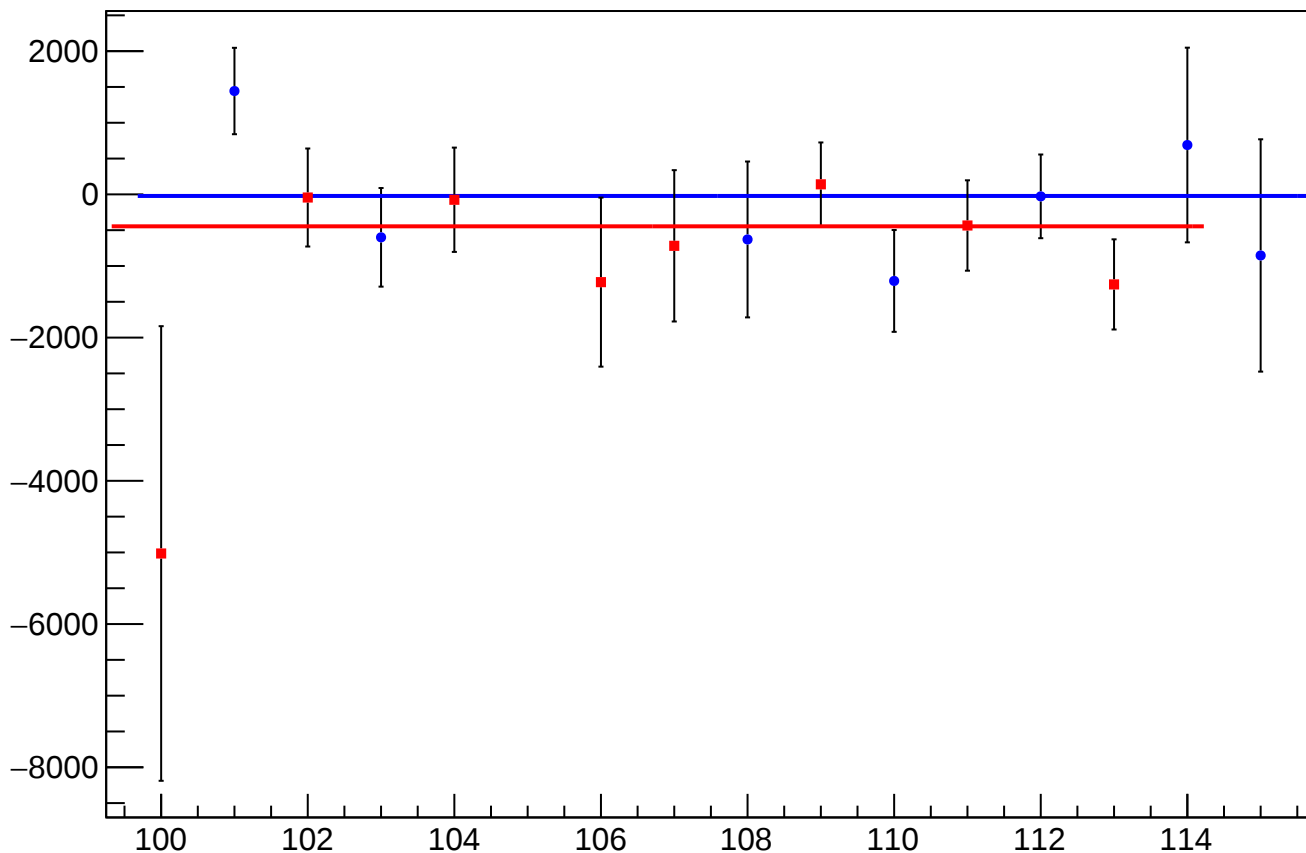
Right: 466.226+/-0.139 χ^2/NDF : 280172.2/14

In: 465.285+/-0.206 χ^2/NDF : 121224.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 466.226+/-0.139 χ^2/NDF : 280172.2/14

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -22.033+/-294.495 χ^2/NDF : 10.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -446.198+/-270.231 χ^2/NDF : 5.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

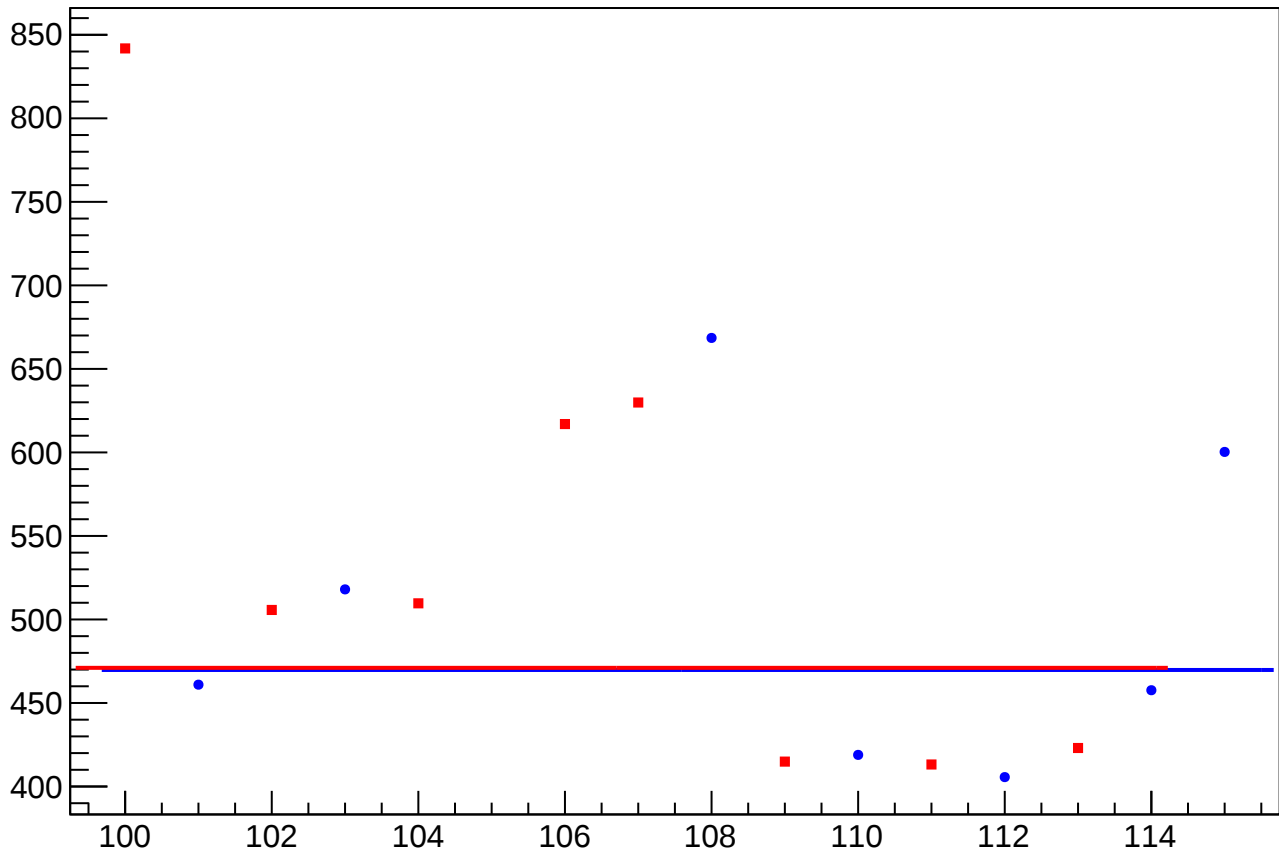
Right: -252.306+/-199.109 χ^2/NDF : 17.2/14

In: -22.033+/-294.495 χ^2/NDF : 10.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -252.306+/-199.109 χ^2/NDF : 17.2/14

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 469.764 $\pm$ 0.208 χ^2 /NDF: 124394.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 471.041 $\pm$ 0.191 χ^2 /NDF: 160705.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

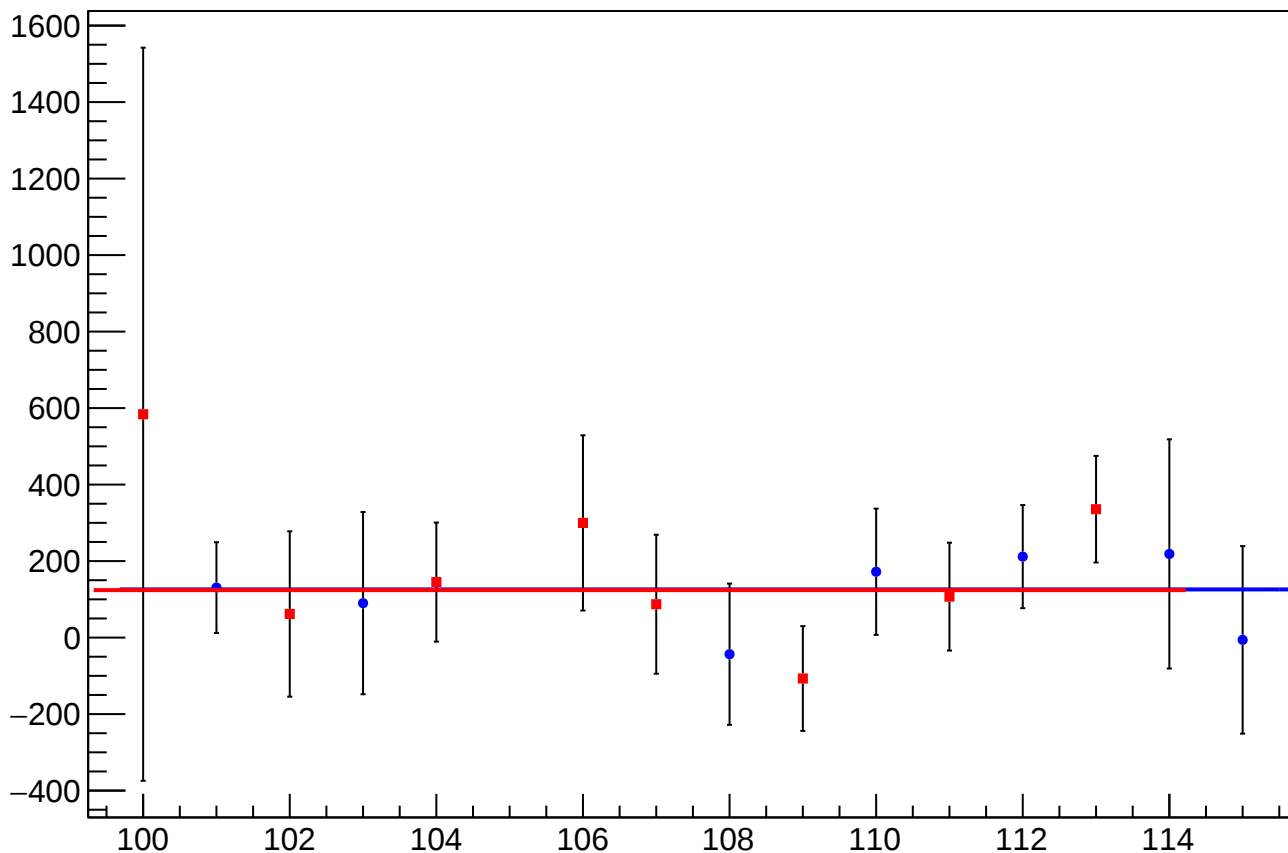
Right: 470.458 $\pm$ 0.141 χ^2 /NDF: 285120.8/14

In: 469.764 $\pm$ 0.208 χ^2 /NDF:124394.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 470.458 $\pm$ 0.141 χ^2 /NDF: 285120.8/14

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 125.929 $\pm$ 64.871 χ^2 /NDF: 1.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 124.104 $\pm$ 61.056 χ^2 /NDF: 6.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

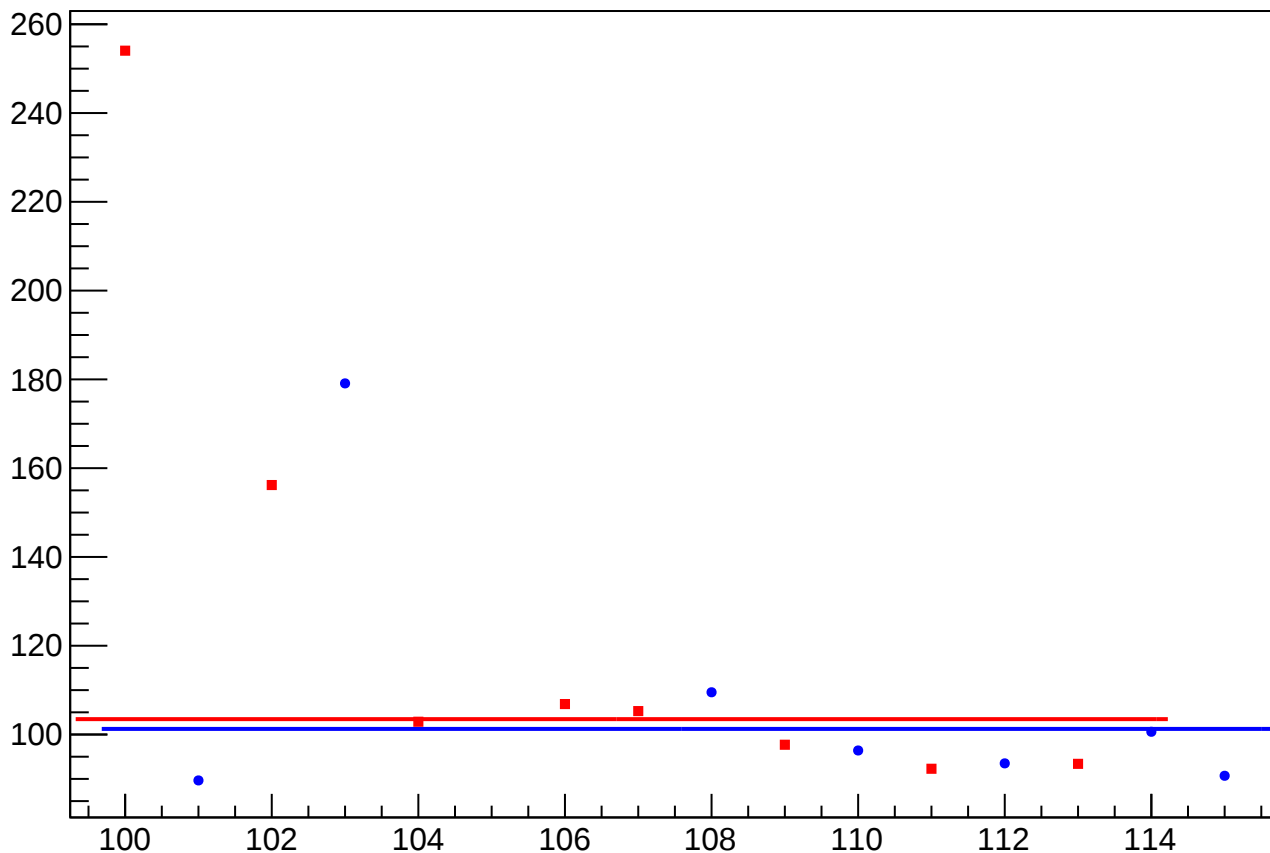
Right: 124.961 $\pm$ 44.461 χ^2 /NDF: 7.9/14

In: 125.929 $\pm$ 64.871 χ^2 /NDF:1.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 124.961 $\pm$ 44.461 χ^2 /NDF: 7.9/14

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 101.262 $\pm$ 0.046 χ^2 /NDF: 248798.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 103.464 $\pm$ 0.043 χ^2 /NDF: 195705.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

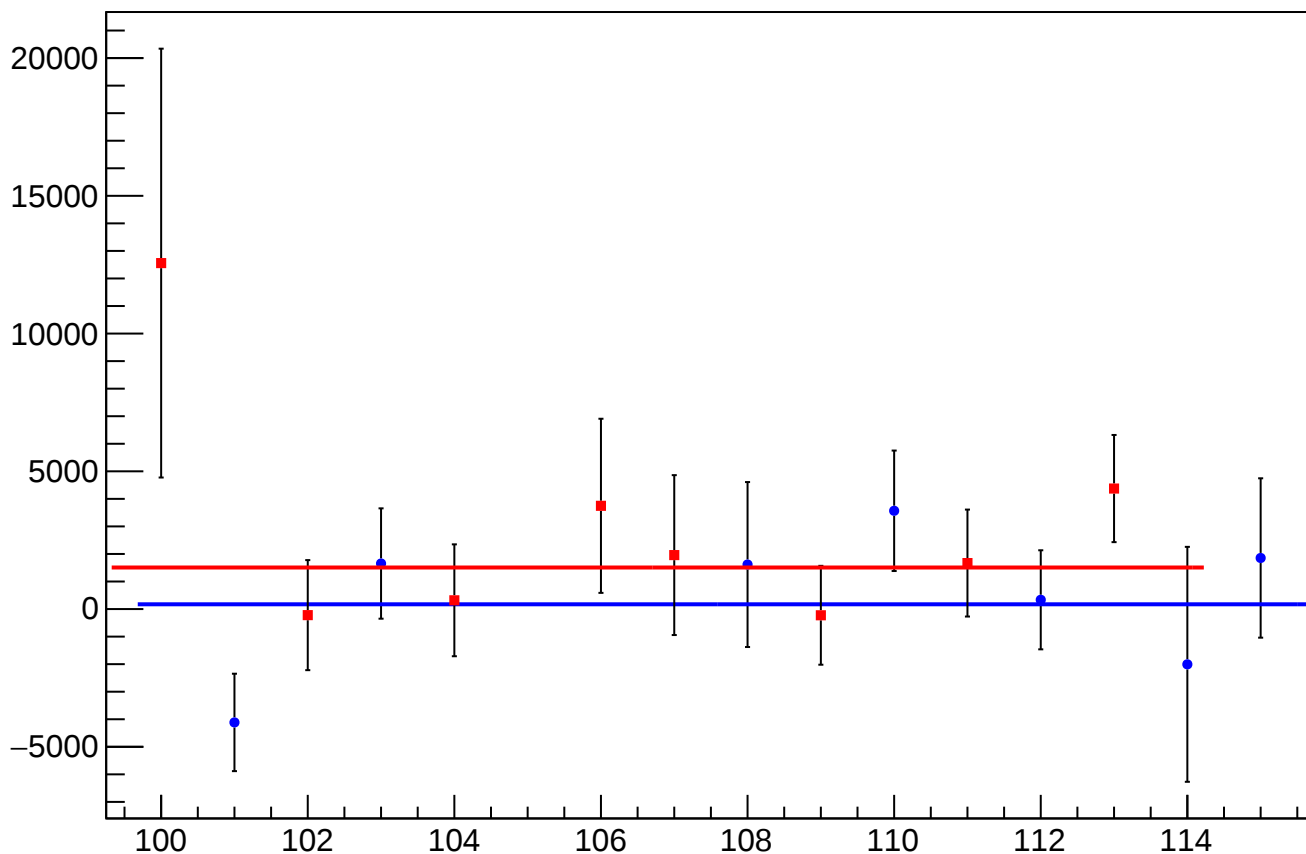
Right: 102.430 $\pm$ 0.031 χ^2 /NDF: 445725.7/14

In: 101.262 $\pm$ 0.046 χ^2 /NDF:248798.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 102.430 $\pm$ 0.031 χ^2 /NDF: 445725.7/14

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: 173.023+/-853.164 χ^2/NDF : 9.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1508.348+/-798.415 χ^2/NDF : 6.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

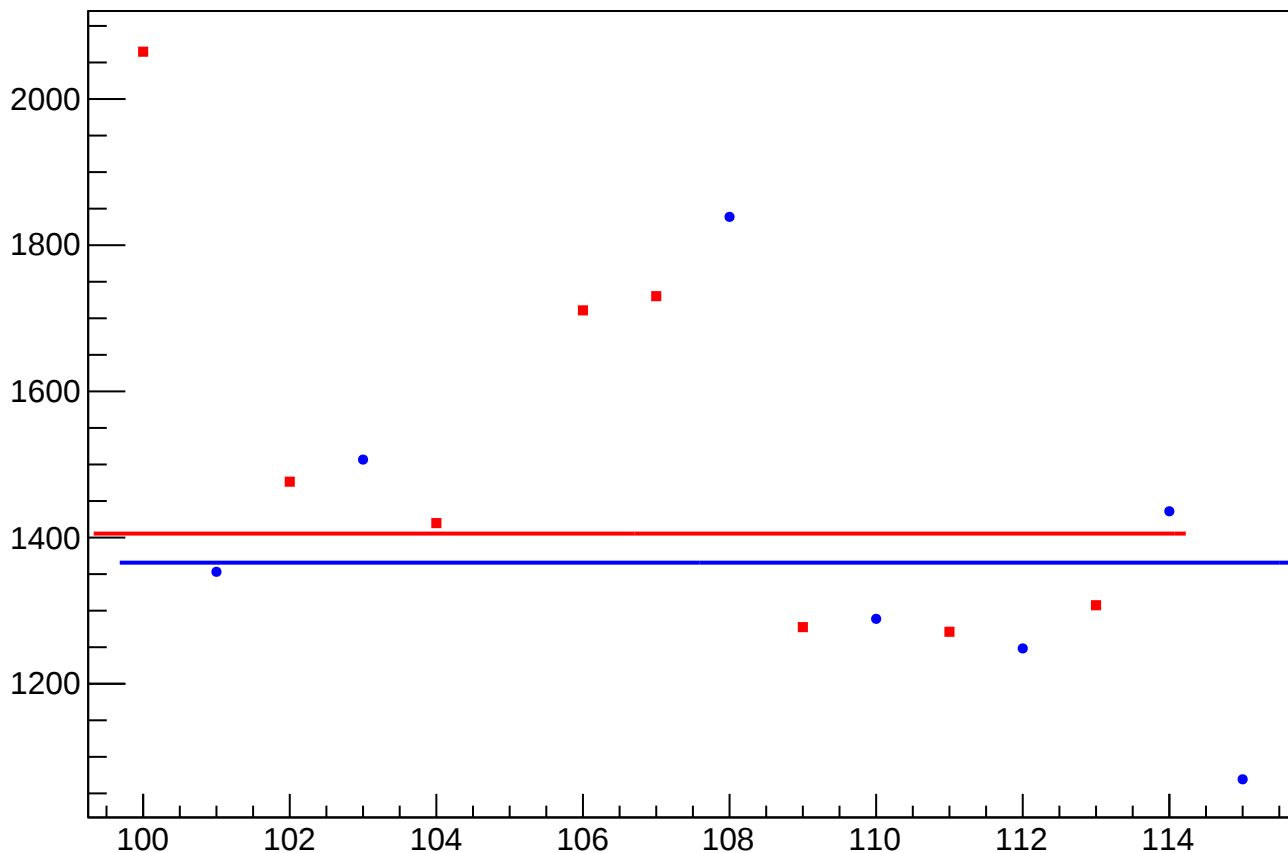
Right: 884.902+/-582.960 χ^2/NDF : 17.7/14

In: 173.023+/-853.164 χ^2/NDF : 9.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 884.902+/-582.960 χ^2/NDF : 17.7/14

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1365.674+/-0.603 χ^2/NDF : 92492.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1405.463+/-0.565 χ^2/NDF : 85539.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

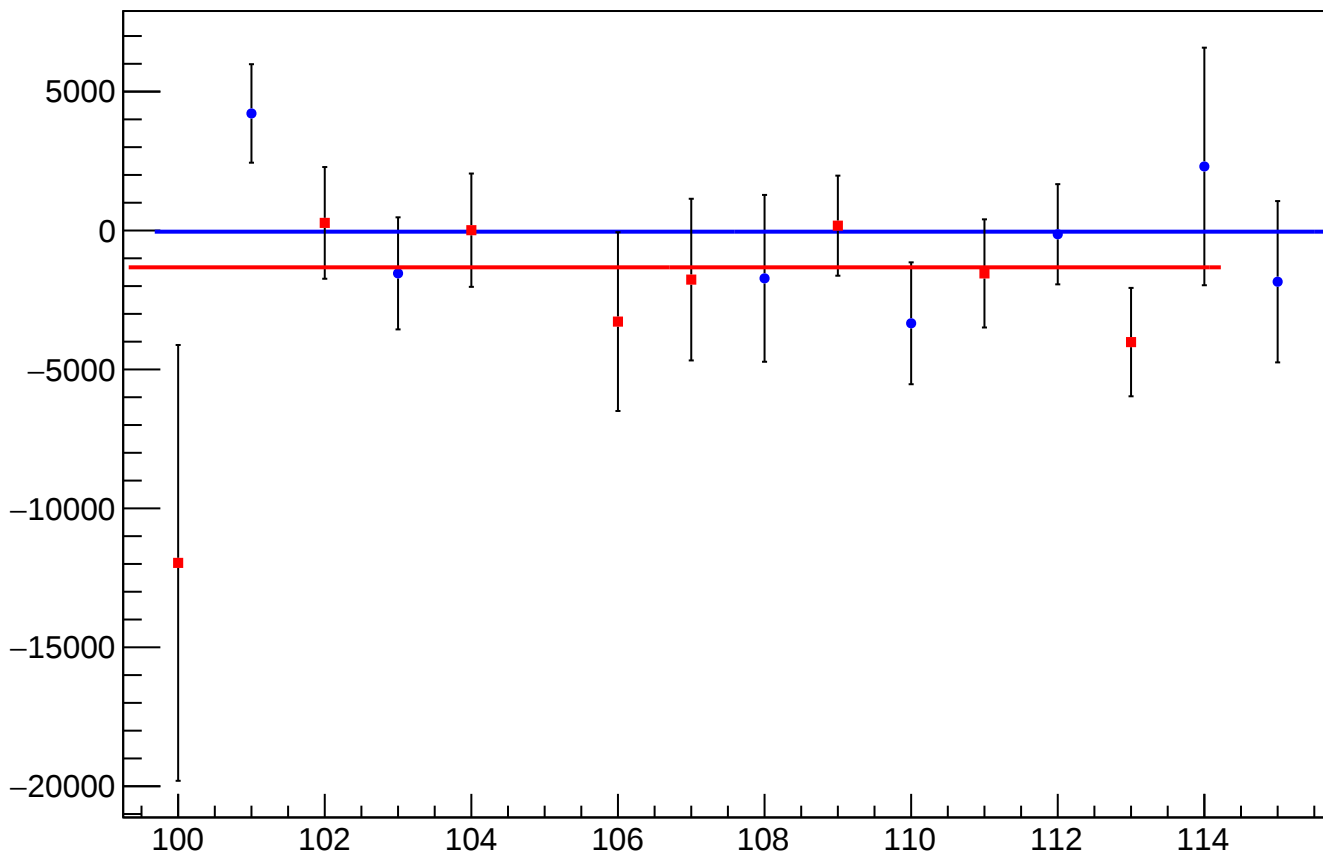
Right: 1386.886+/-0.412 χ^2/NDF : 180351.7/14

In: 1365.674+/-0.603 χ^2/NDF : 92492.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1386.886+/-0.412 χ^2/NDF : 180351.7/14

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: -41.654 ± 856.263 χ^2/NDF : 9.6/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1324.540 ± 802.137 χ^2/NDF : 5.9/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

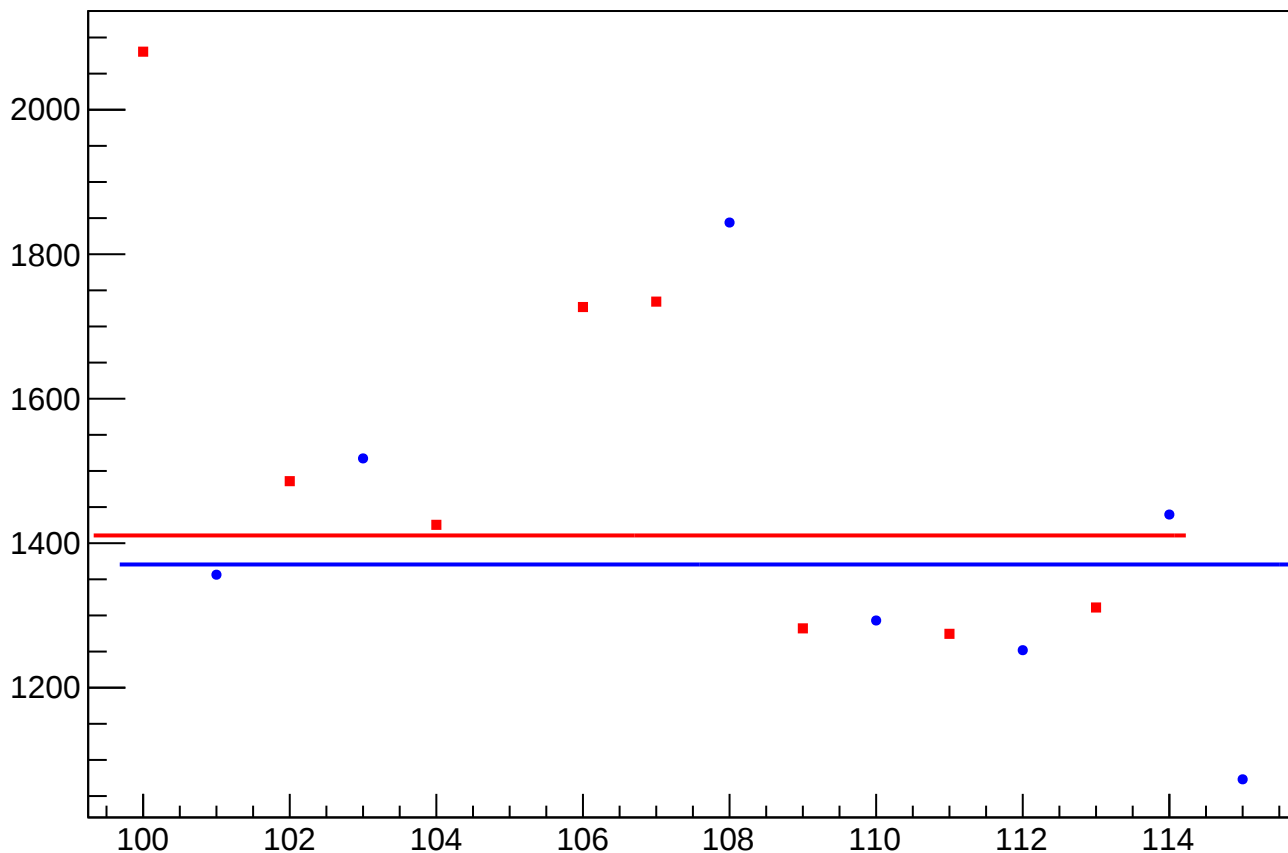
Right: -724.922 ± 585.397 χ^2/NDF : 16.7/14

In: -41.654 ± 856.263 χ^2/NDF : 9.6/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -724.922 ± 585.397 χ^2/NDF : 16.7/14

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1370.549+/-0.605 χ^2/NDF : 93108.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1410.729+/-0.567 χ^2/NDF : 86779.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

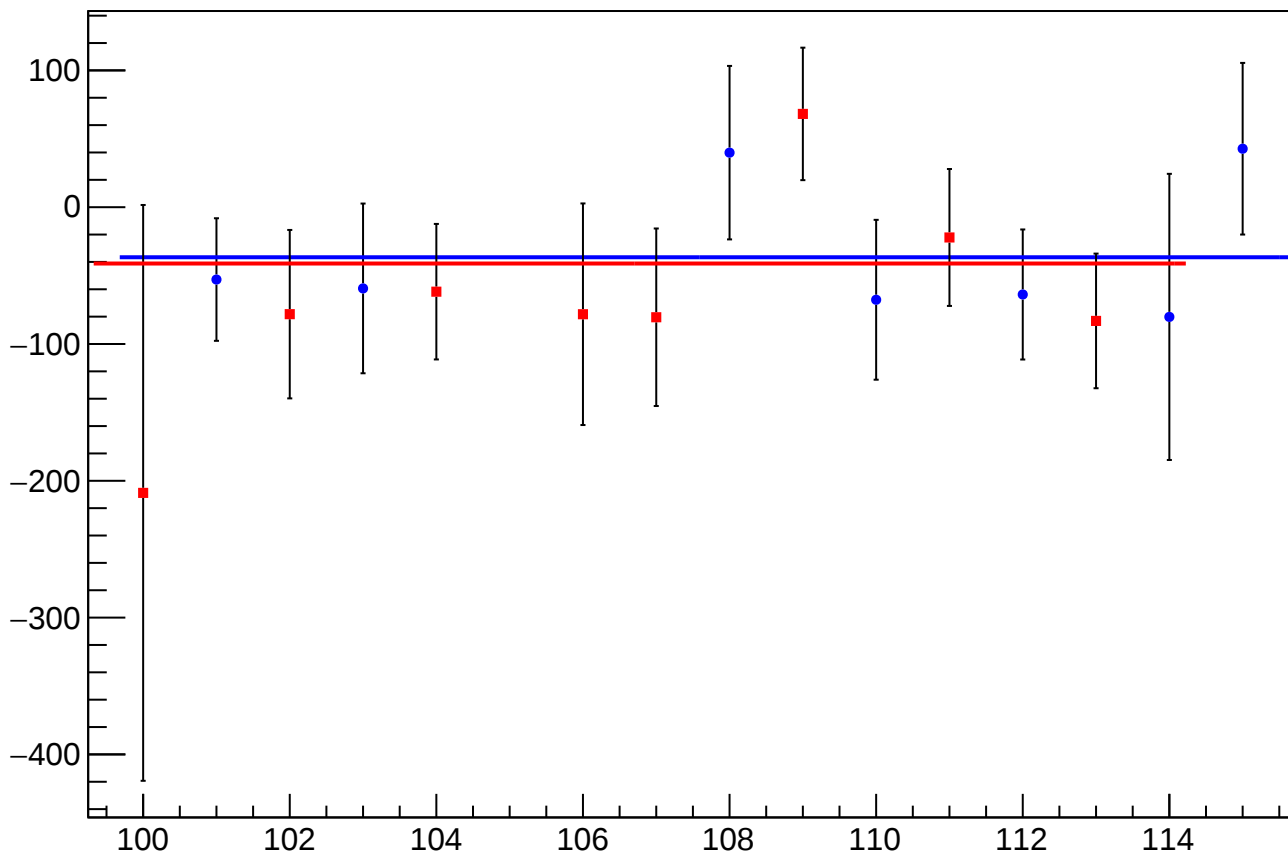
Right: 1391.949+/-0.414 χ^2/NDF : 182233.2/14

In: 1370.549+/-0.605 χ^2/NDF : 93108.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1391.949+/-0.414 χ^2/NDF : 182233.2/14

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -36.593+/-21.884 χ^2 /NDF: 4.1/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -41.173+/-20.748 χ^2 /NDF: 7.7/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

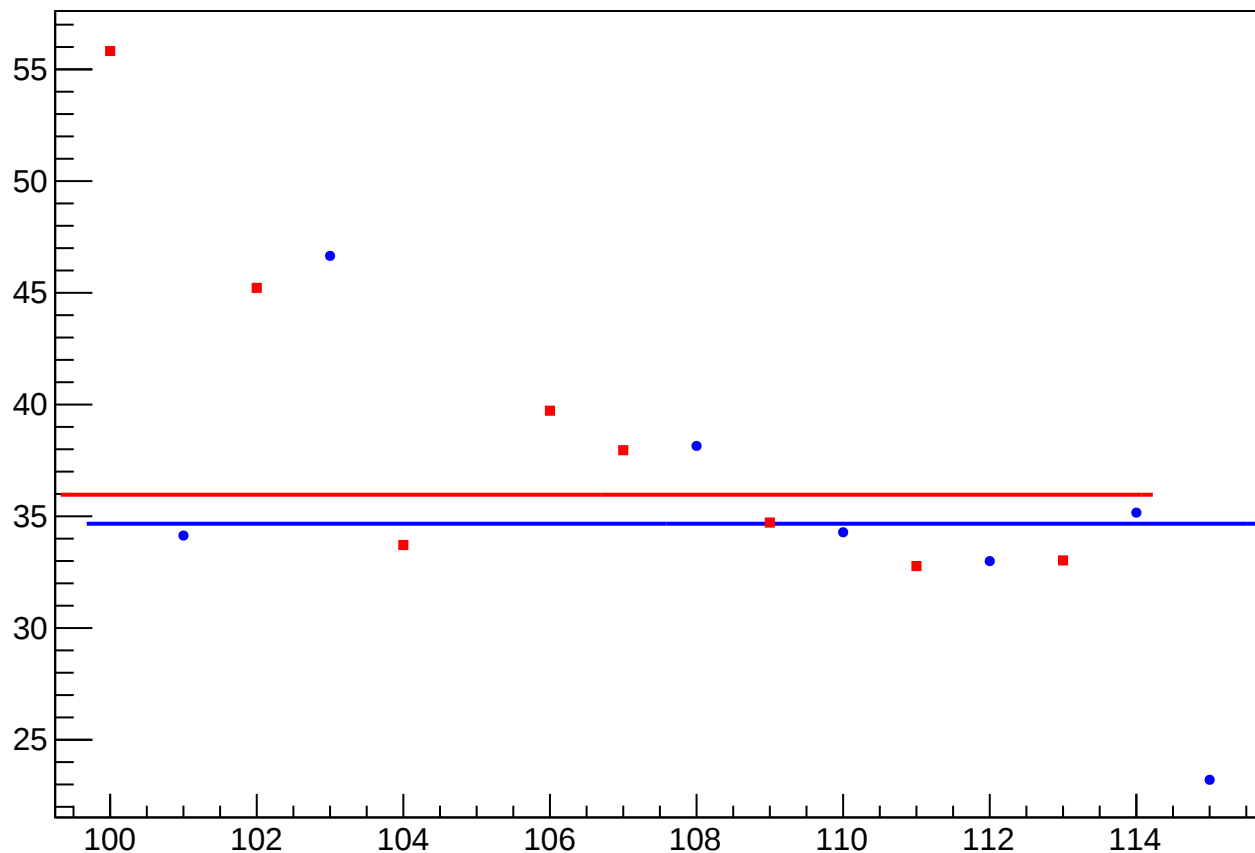
Right: -39.005+/-15.057 χ^2 /NDF: 11.8/14

In: -36.593+/-21.884 χ^2 /NDF:4.1/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -39.005+/-15.057 χ^2 /NDF: 11.8/14

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 34.668+/-0.015 χ^2/NDF : 150319.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.966+/-0.015 χ^2/NDF : 89942.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

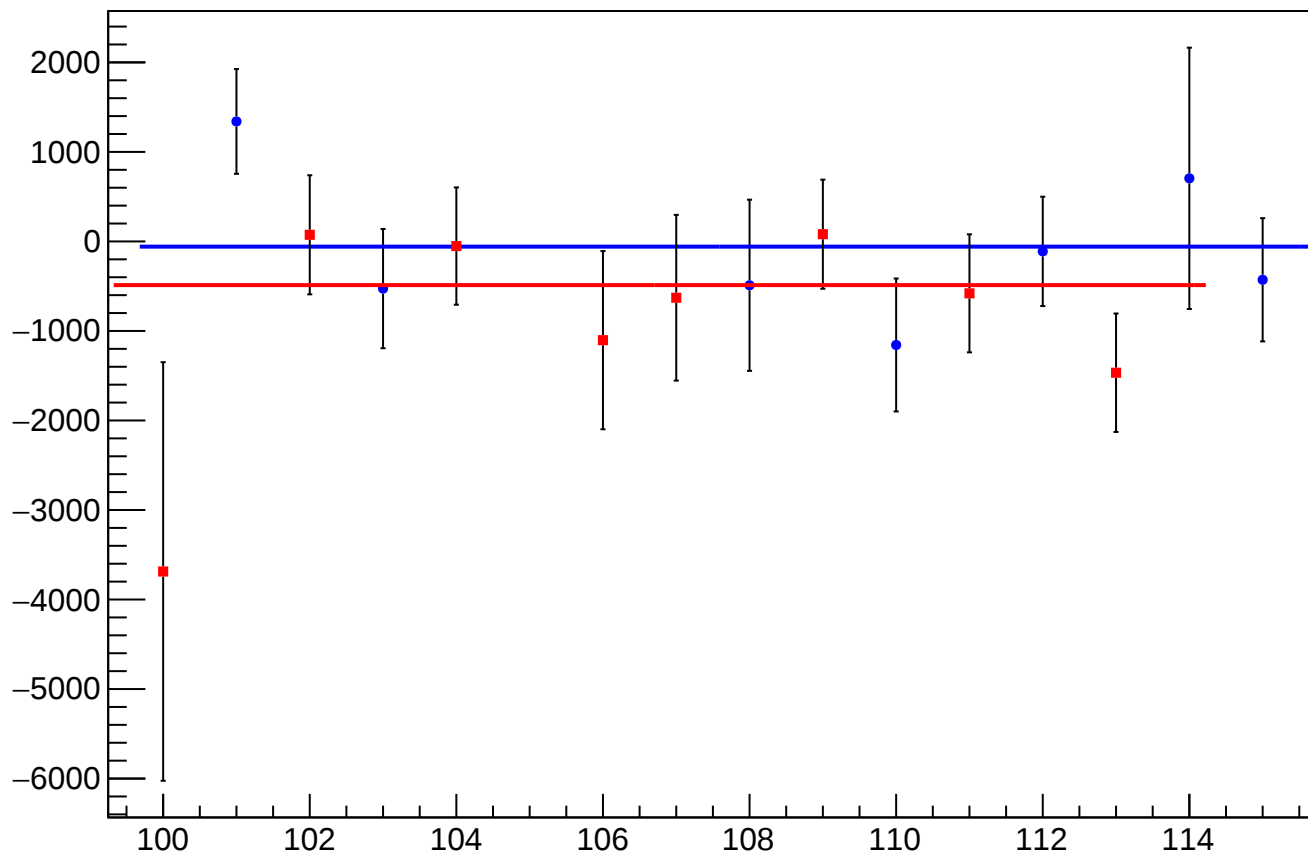
Right: 35.351+/-0.011 χ^2/NDF : 243969.2/14

In: 34.668+/-0.015 χ^2/NDF : 150319.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.351+/-0.011 χ^2/NDF : 243969.2/14

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: -58.085+/-273.734 χ^2/NDF : 9.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -487.905+/-265.089 χ^2/NDF : 6.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

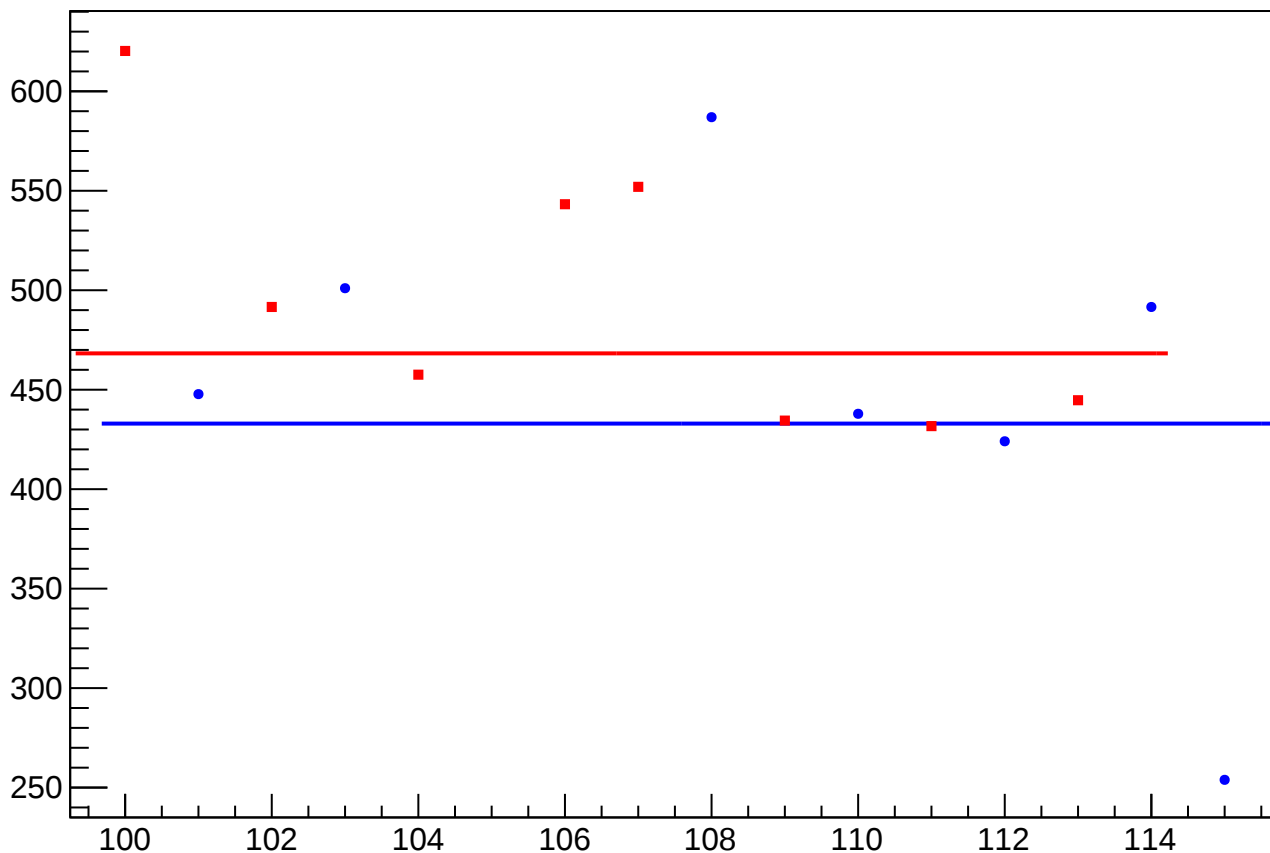
Right: -279.889+/-190.429 χ^2/NDF : 17.0/14

In: -58.085+/-273.734 χ^2/NDF : 9.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -279.889+/-190.429 χ^2/NDF : 17.0/14

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 432.967+/-0.194 χ^2/NDF : 213173.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 468.264+/-0.187 χ^2/NDF : 54001.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

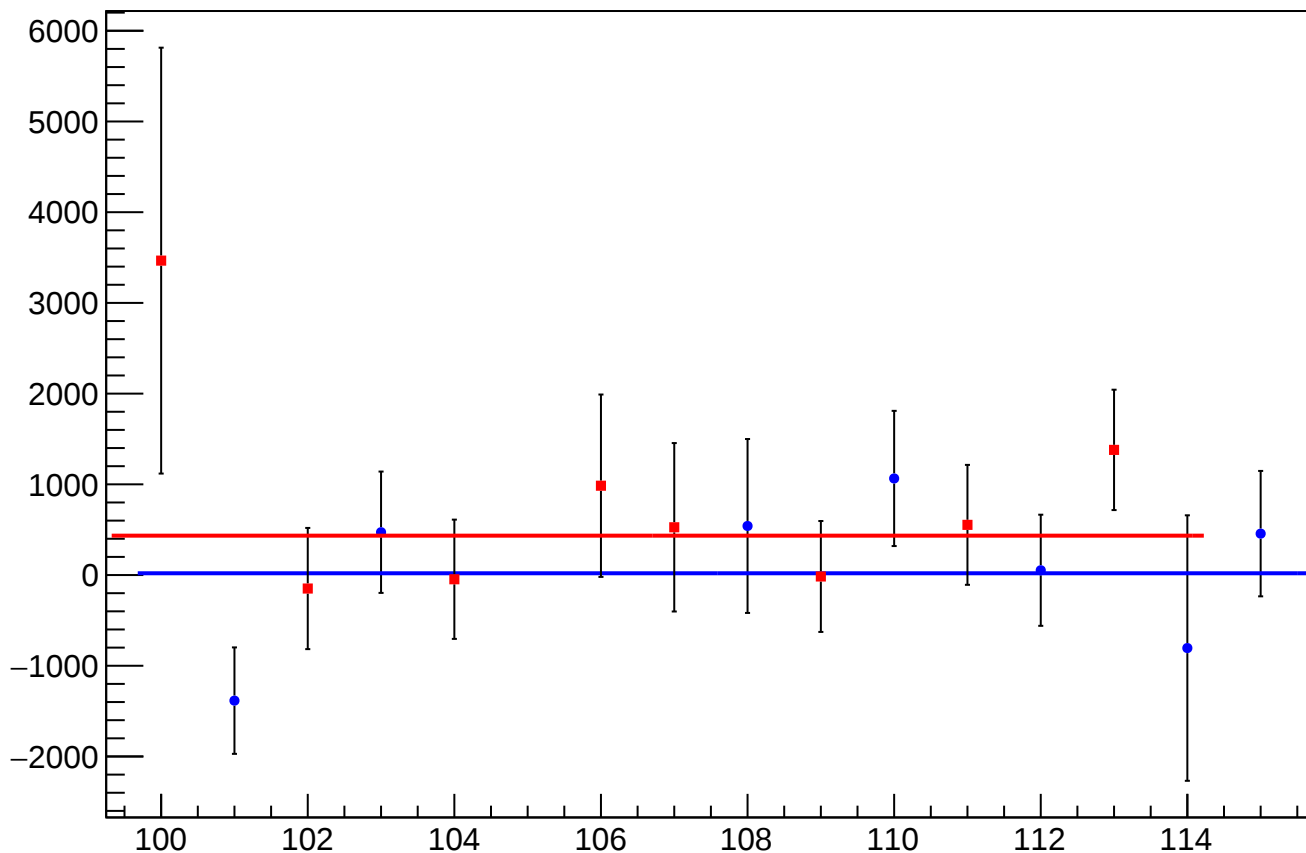
Right: 451.181+/-0.135 χ^2/NDF : 284335.3/14

In: 432.967+/-0.194 χ^2/NDF : 213173.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 451.181+/-0.135 χ^2/NDF : 284335.3/14

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 19.576 $\pm$ 274.679 χ^2 /NDF: 9.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 434.236 $\pm$ 266.107 χ^2 /NDF: 5.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

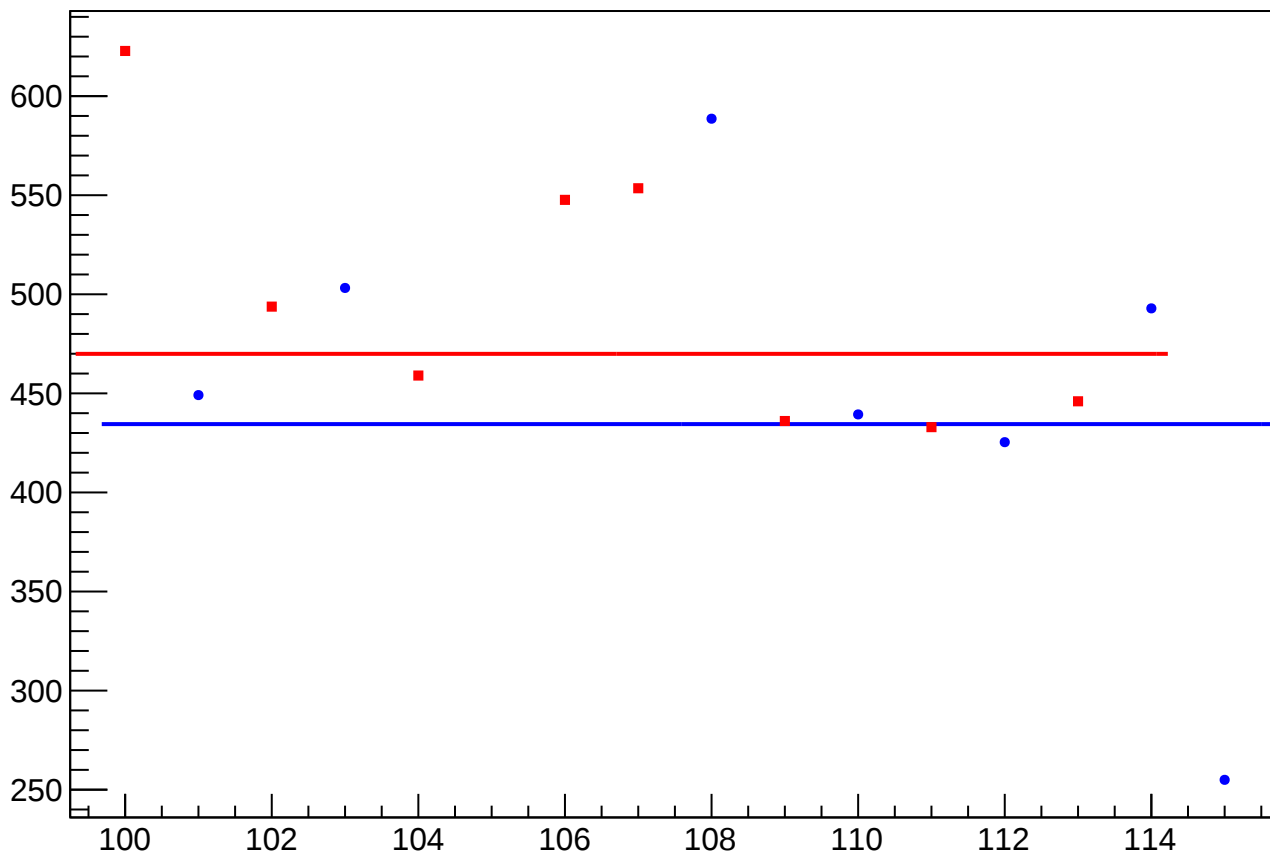
Right: 233.478 $\pm$ 191.125 χ^2 /NDF: 16.2/14

In: 19.576 $\pm$ 274.679 χ^2 /NDF: 9.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 233.478 $\pm$ 191.125 χ^2 /NDF: 16.2/14

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 434.488 $\pm$ 0.194 χ^2 /NDF: 212636.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 469.940 $\pm$ 0.188 χ^2 /NDF: 54751.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

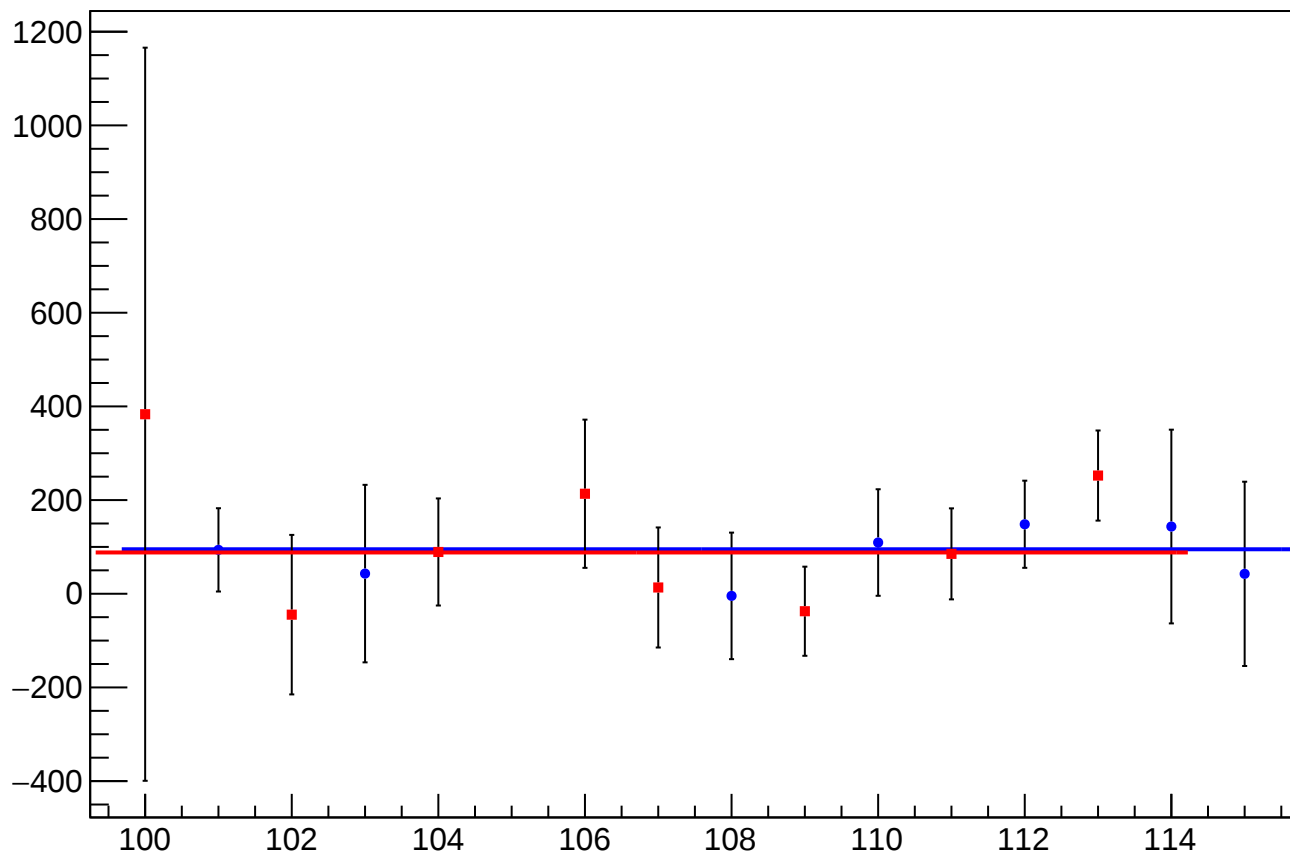
Right: 452.776 $\pm$ 0.135 χ^2 /NDF: 284573.2/14

In: 434.488 $\pm$ 0.194 χ^2 /NDF:212636.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 452.776 $\pm$ 0.135 χ^2 /NDF: 284573.2/14

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 94.976+/-47.079 χ^2/NDF : 1.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.164+/-43.117 χ^2/NDF : 6.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

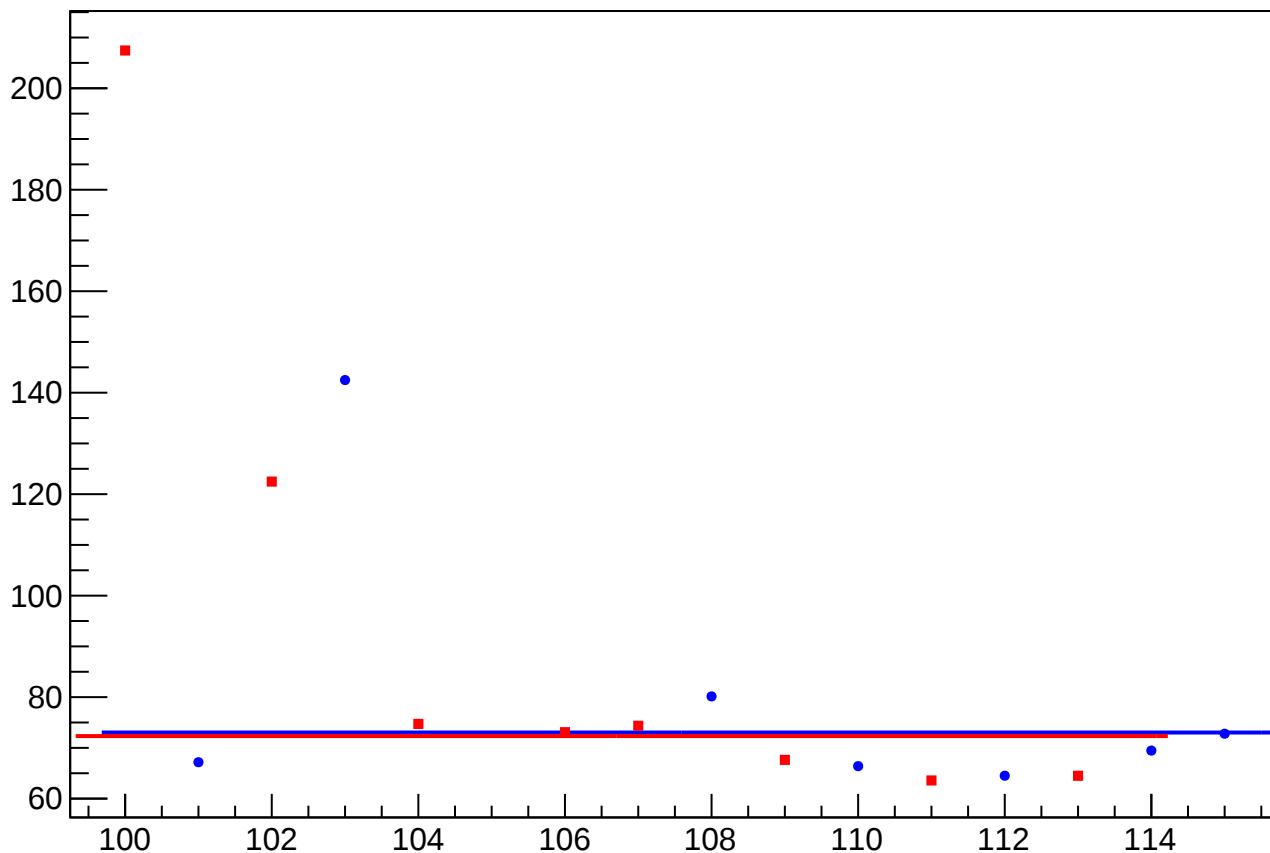
Right: 91.271+/-31.797 χ^2/NDF : 7.5/14

In: 94.976+/-47.079 χ^2/NDF : 1.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.271+/-31.797 χ^2/NDF : 7.5/14

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 73.026+/-0.033 χ^2/NDF : 307094.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.323+/-0.030 χ^2/NDF : 268846.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

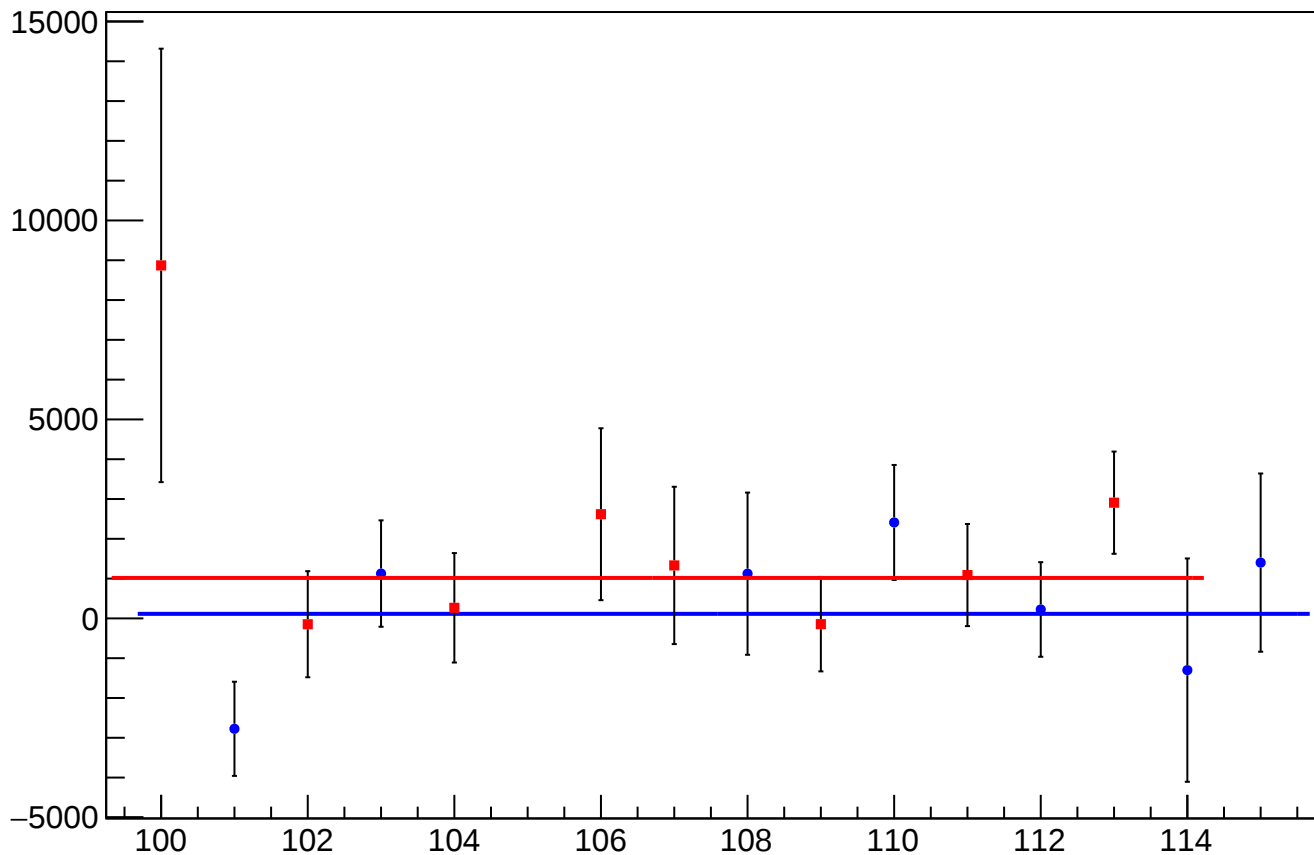
Right: 72.644+/-0.022 χ^2/NDF : 576182.3/14

In: 73.026+/-0.033 χ^2/NDF : 307094.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.644+/-0.022 χ^2/NDF : 576182.3/14

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: 114.497+/-574.671 χ^2/NDF : 9.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1017.090+/-533.035 χ^2/NDF : 6.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

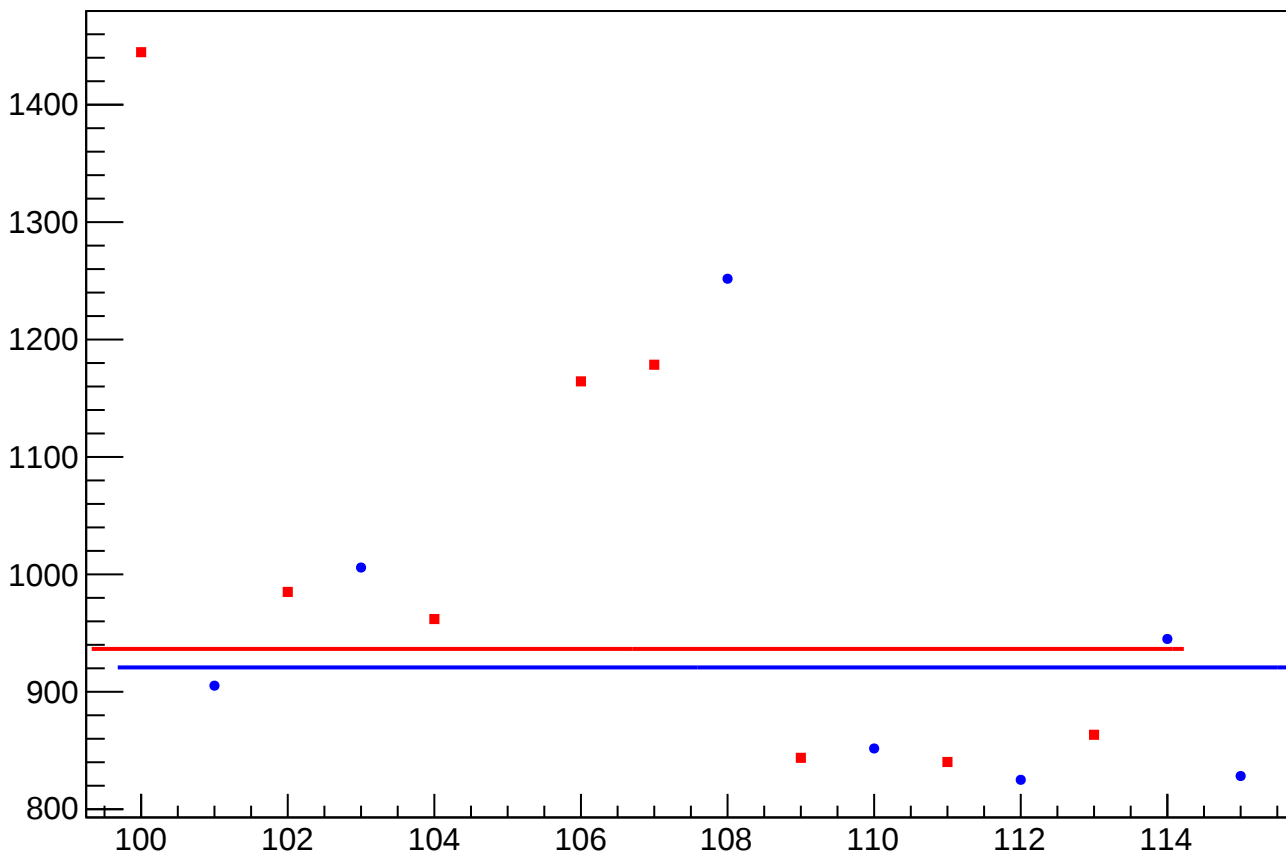
Right: 599.672+/-390.804 χ^2/NDF : 18.1/14

In: 114.497+/-574.671 χ^2/NDF : 9.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 599.672+/-390.804 χ^2/NDF : 18.1/14

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 920.753+/-0.406 χ^2/NDF : 82312.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 936.518+/-0.377 χ^2/NDF : 102960.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

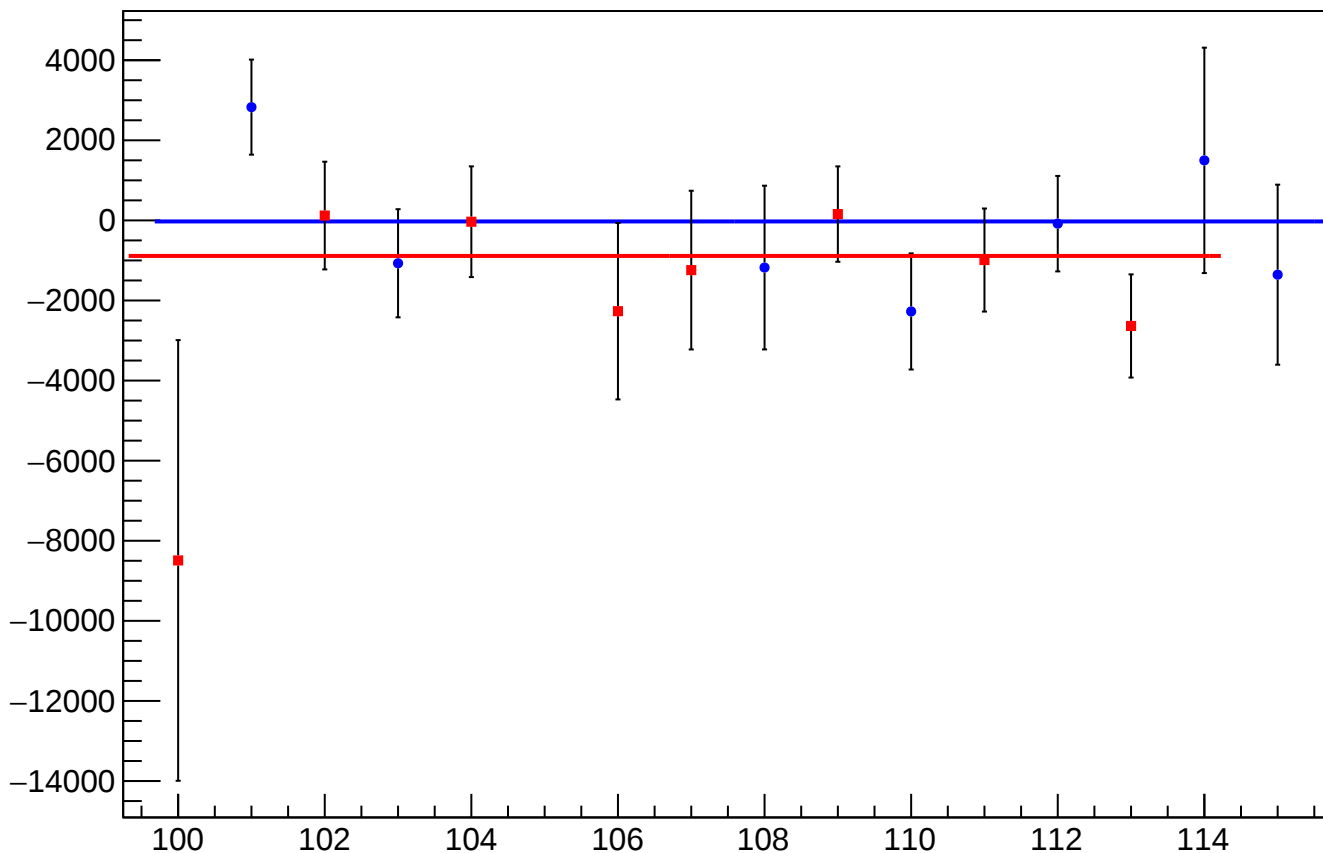
Right: 929.227+/-0.276 χ^2/NDF : 186082.0/14

In: 920.753+/-0.406 χ^2/NDF : 82312.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 929.227+/-0.276 χ^2/NDF : 186082.0/14

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: -26.036+/-577.254 χ^2/NDF : 9.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -887.374+/-535.999 χ^2/NDF : 5.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

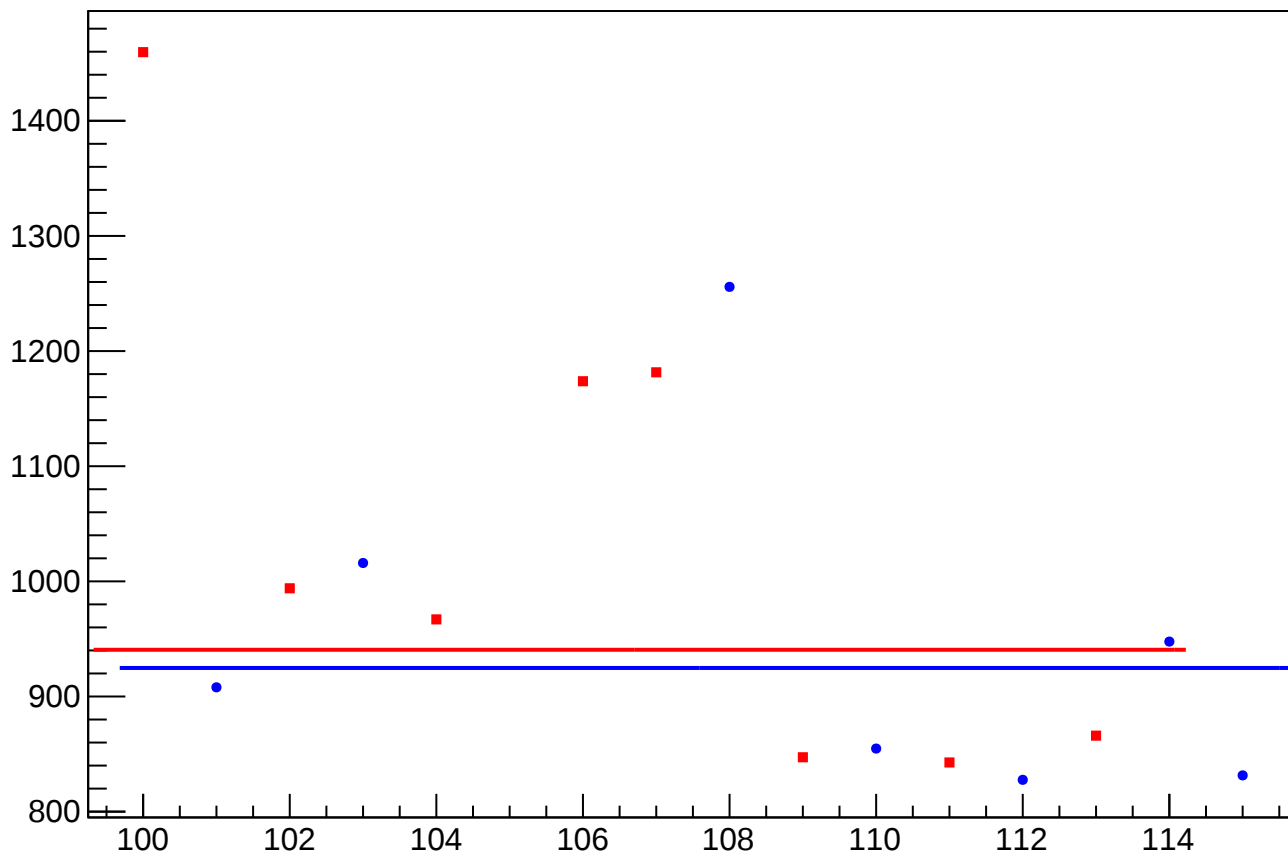
Right: -488.581+/-392.784 χ^2/NDF : 16.8/14

In: -26.036+/-577.254 χ^2/NDF : 9.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -488.581+/-392.784 χ^2/NDF : 16.8/14

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 924.785+/-0.408 χ^2/NDF : 83461.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 940.584+/-0.379 χ^2/NDF : 104220.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

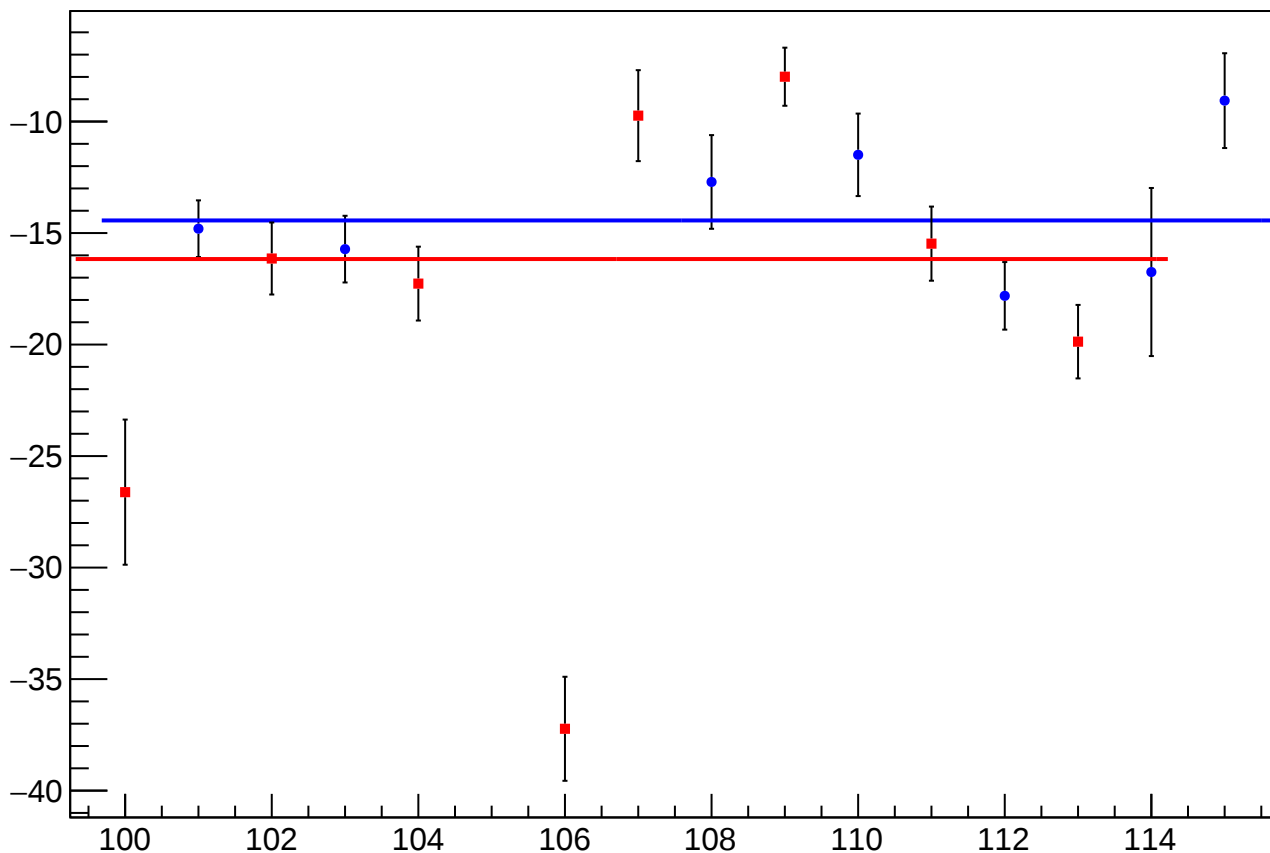
Right: 933.269+/-0.278 χ^2/NDF : 188486.8/14

In: 924.785+/-0.408 χ^2/NDF : 83461.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 933.269+/-0.278 χ^2/NDF : 188486.8/14

reg_asym_sam1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -14.435+/-0.657 χ^2/NDF : 15.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.166+/-0.622 χ^2/NDF : 146.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

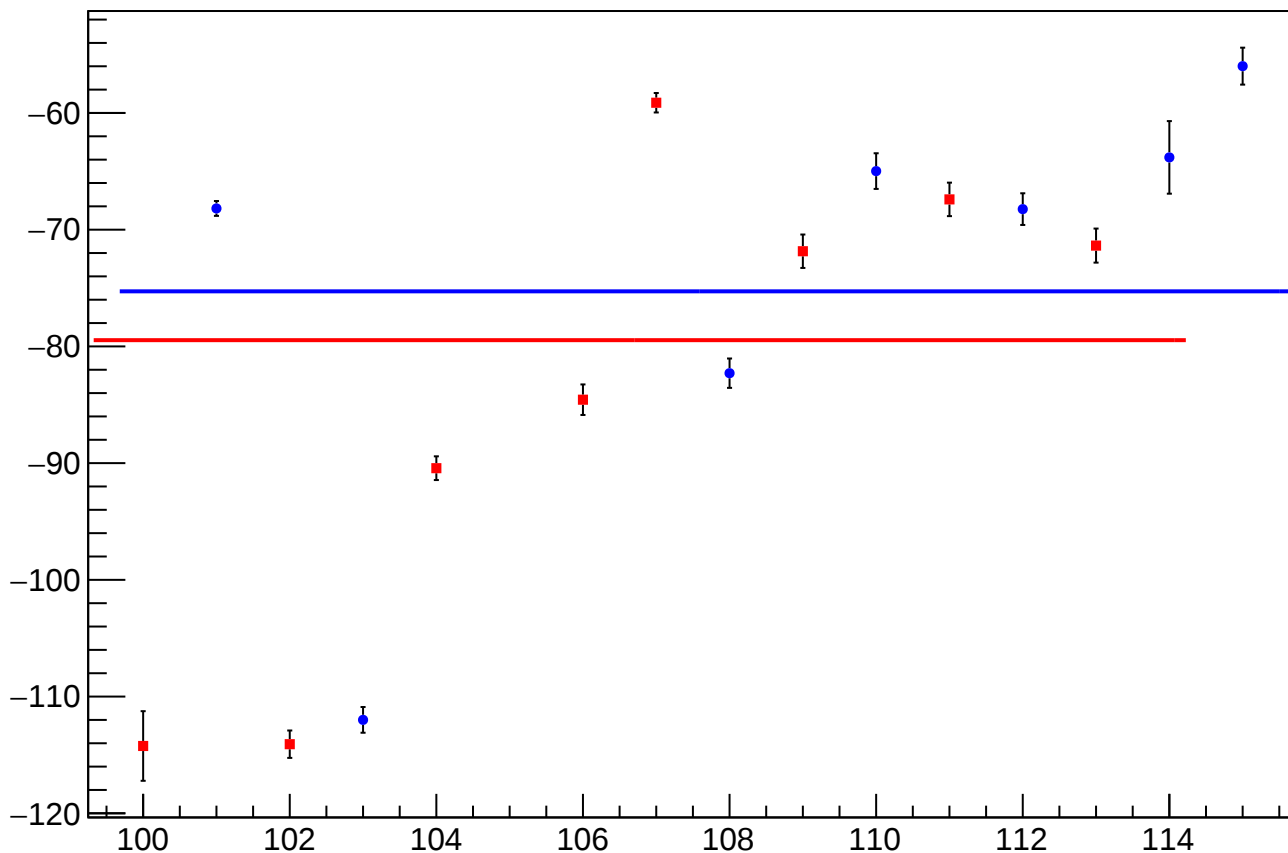
Right: -15.349+/-0.452 χ^2/NDF : 166.3/14

In: -14.435+/-0.657 χ^2/NDF : 15.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.349+/-0.452 χ^2/NDF : 166.3/14

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -75.282 ± 0.430 χ^2/NDF : 1499.8/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -79.465 ± 0.435 χ^2/NDF : 1862.2/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

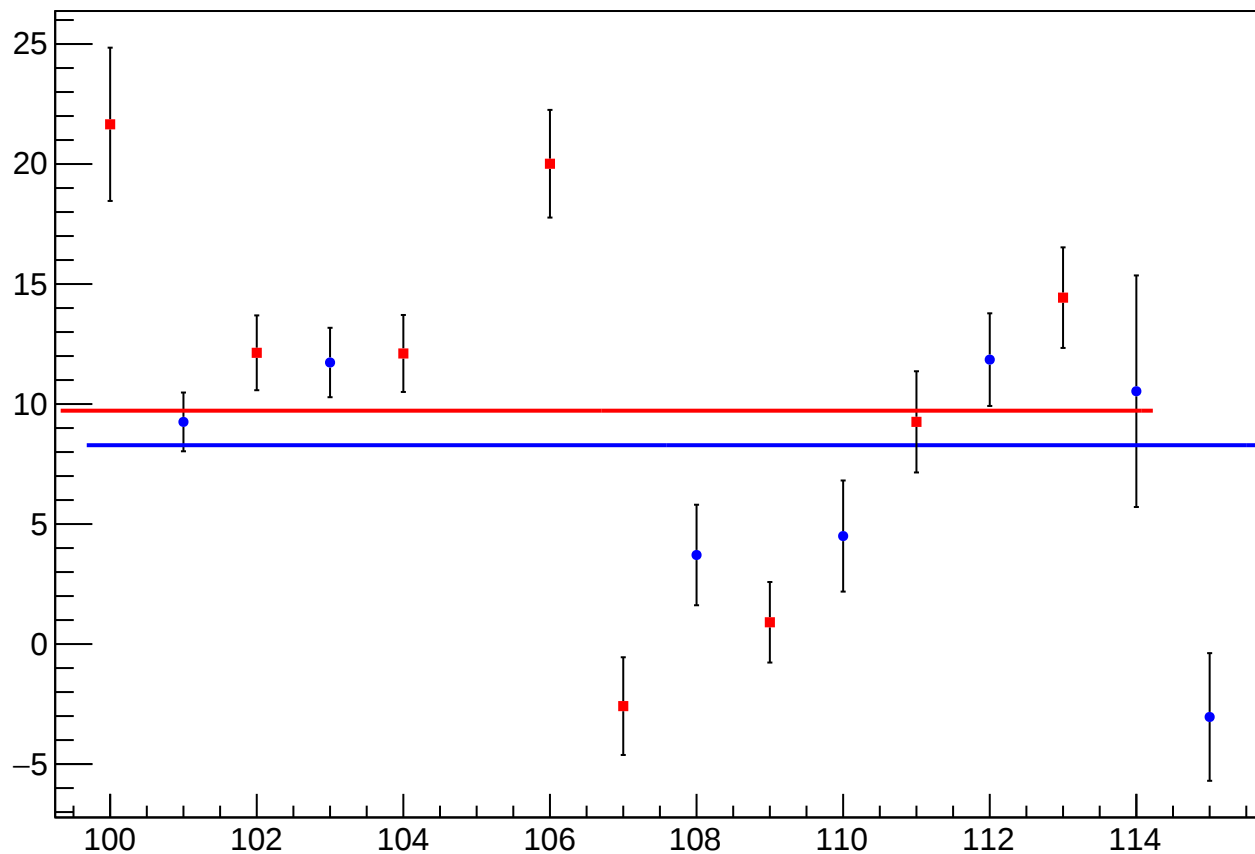
Right: -77.350 ± 0.306 χ^2/NDF : 3408.6/14

In: -75.282 ± 0.430 χ^2/NDF : 1499.8/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -77.350 ± 0.306 χ^2/NDF : 3408.6/14

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 8.285+/-0.705 χ^2/NDF : 35.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.723+/-0.683 χ^2/NDF : 108.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

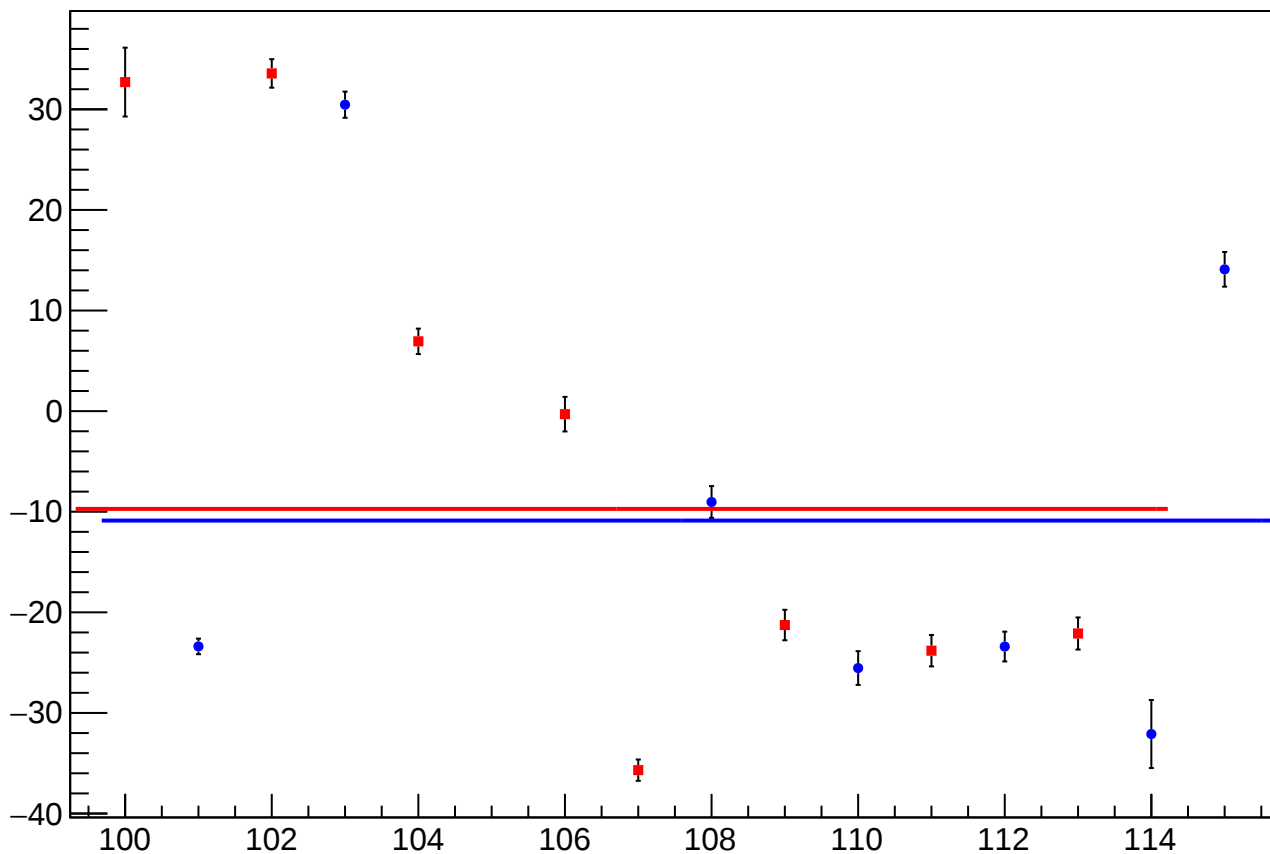
Right: 9.027+/-0.490 χ^2/NDF : 146.5/14

In: 8.285+/-0.705 χ^2/NDF : 35.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.027+/-0.490 χ^2/NDF : 146.5/14

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -10.878+/-0.507 χ^2/NDF : 1668.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.716+/-0.521 χ^2/NDF : 2093.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

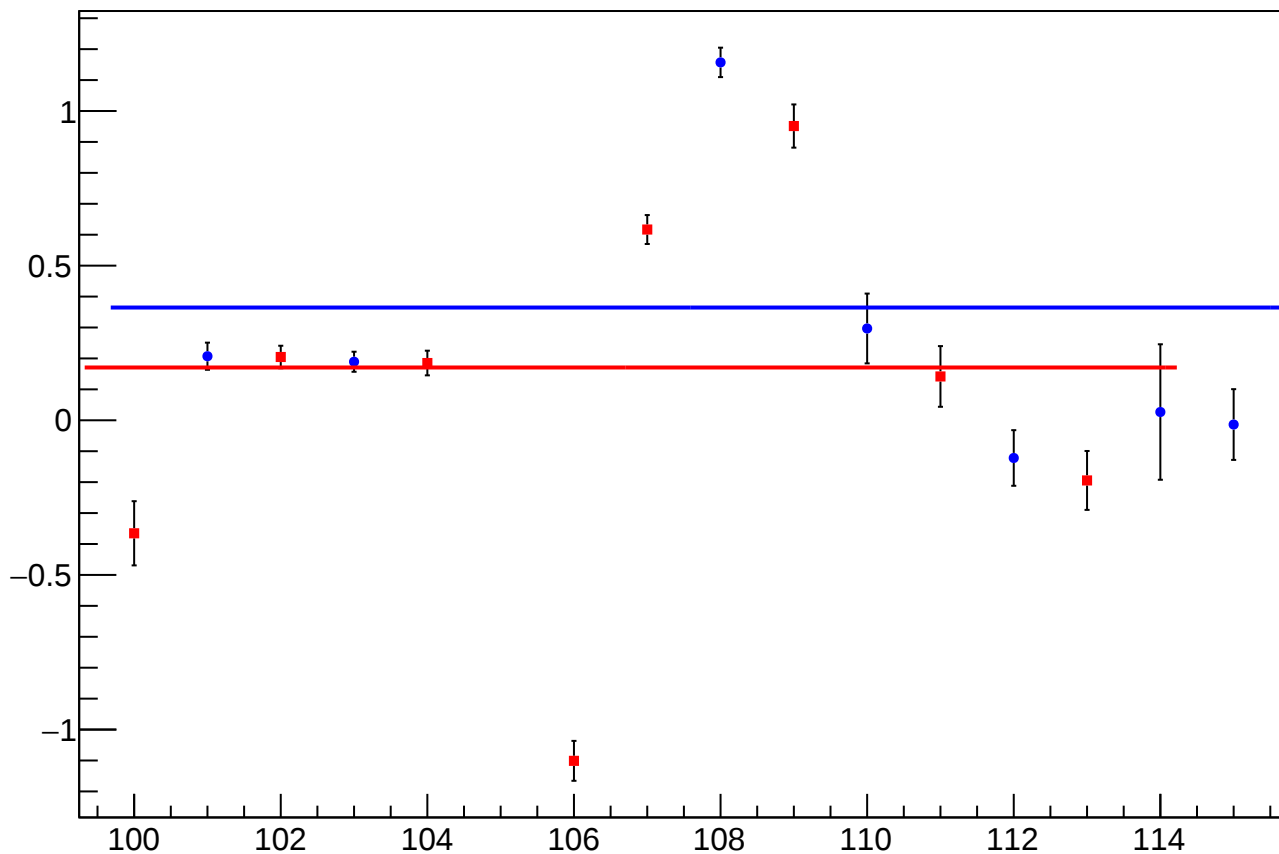
Right: -10.313+/-0.364 χ^2/NDF : 3764.4/14

In: -10.878+/-0.507 χ^2/NDF : 1668.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.313+/-0.364 χ^2/NDF : 3764.4/14

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.365+/-0.021 χ^2/NDF : 362.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.171+/-0.020 χ^2/NDF : 646.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

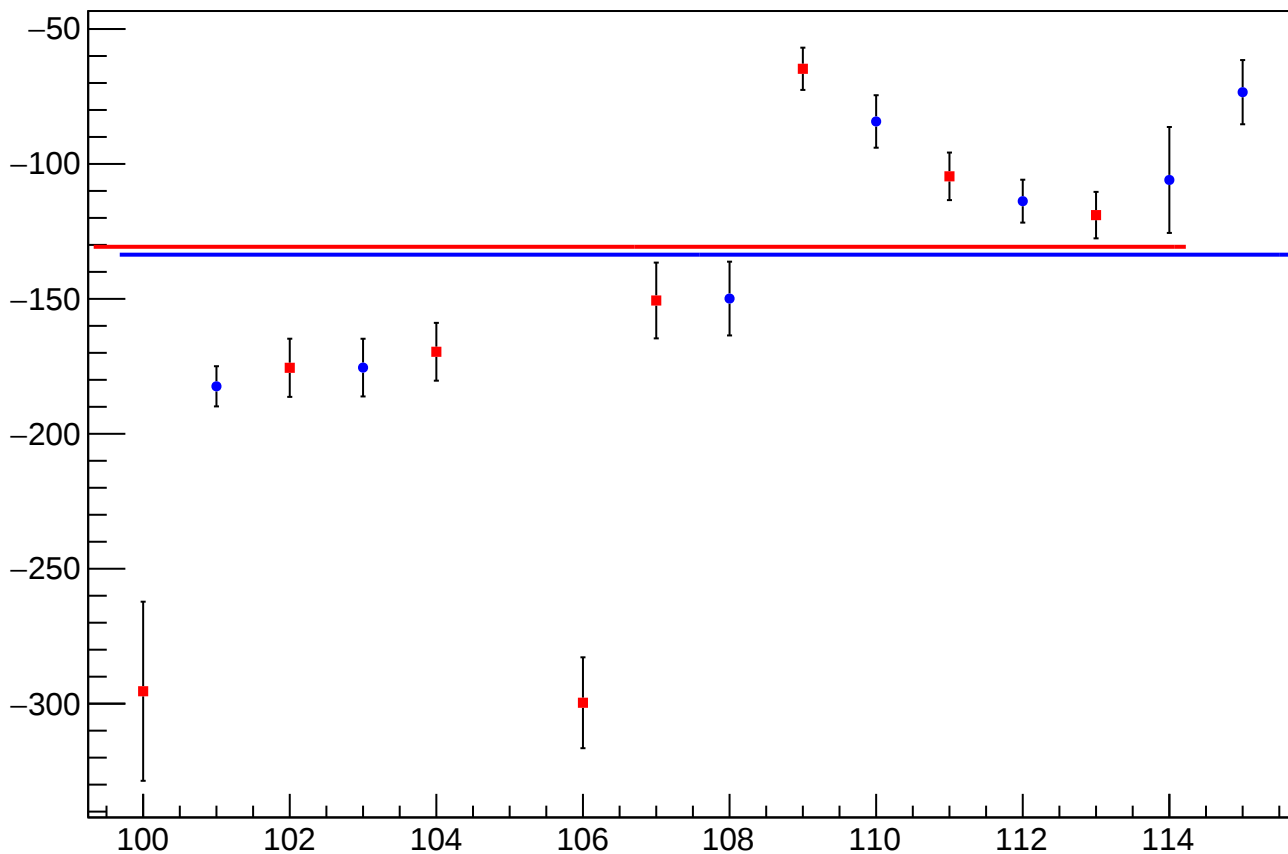
Right: 0.260+/-0.014 χ^2/NDF : 1054.4/14

In: 0.365+/-0.021 χ^2/NDF : 362.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.260+/-0.014 χ^2/NDF : 1054.4/14

reg_asym_sam2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -133.622+/-3.829 χ^2/NDF : 119.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -130.699+/-3.792 χ^2/NDF : 239.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

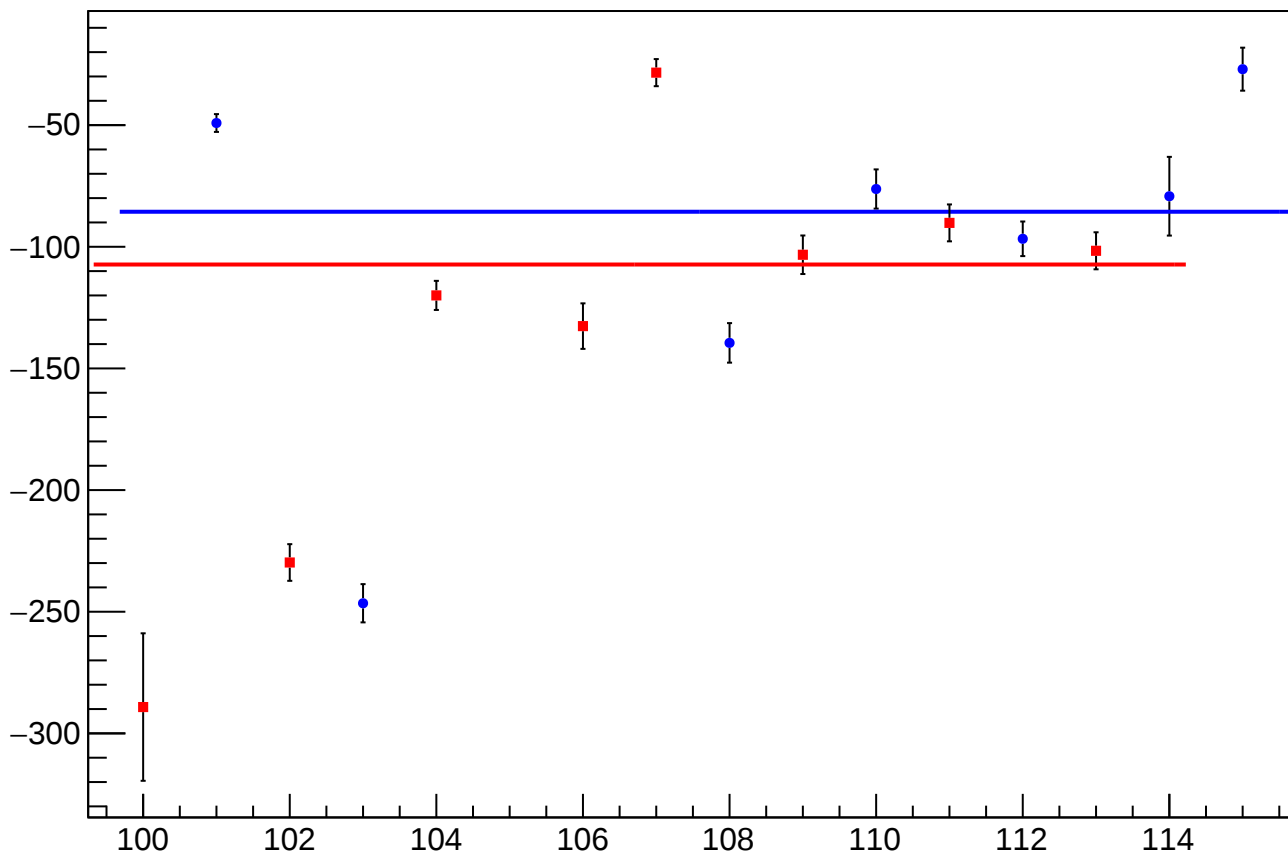
Right: -132.147+/-2.695 χ^2/NDF : 359.0/14

In: -133.622+/-3.829 χ^2/NDF : 119.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -132.147+/-2.695 χ^2/NDF : 359.0/14

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -85.600 ± 2.517 χ^2/NDF : 610.3/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -107.290 ± 2.664 χ^2/NDF : 518.2/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

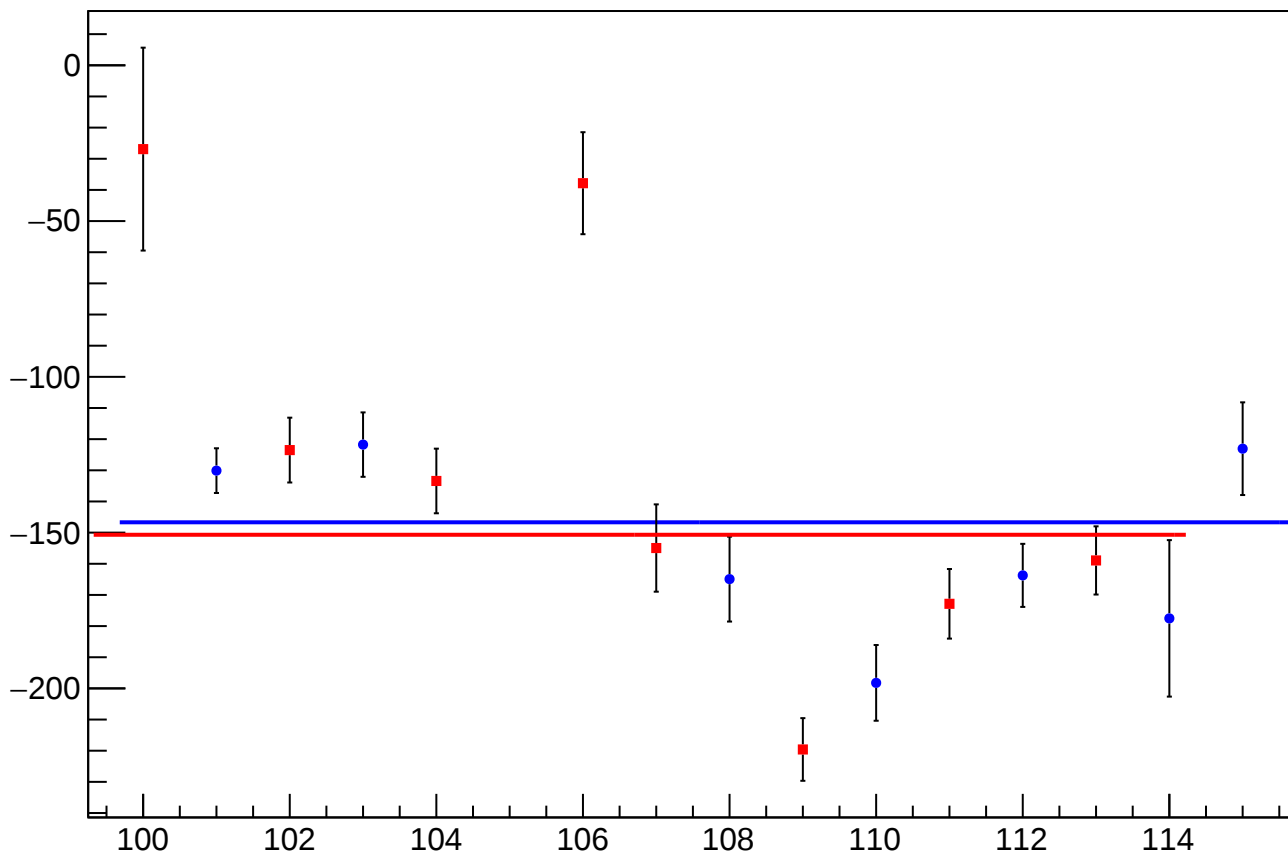
Right: -95.832 ± 1.830 χ^2/NDF : 1163.5/14

In: -85.600 ± 2.517 χ^2/NDF : 610.3/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -95.832 ± 1.830 χ^2/NDF : 1163.5/14

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -146.687+/-4.196 χ^2/NDF : 37.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -150.689+/-4.281 χ^2/NDF : 123.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

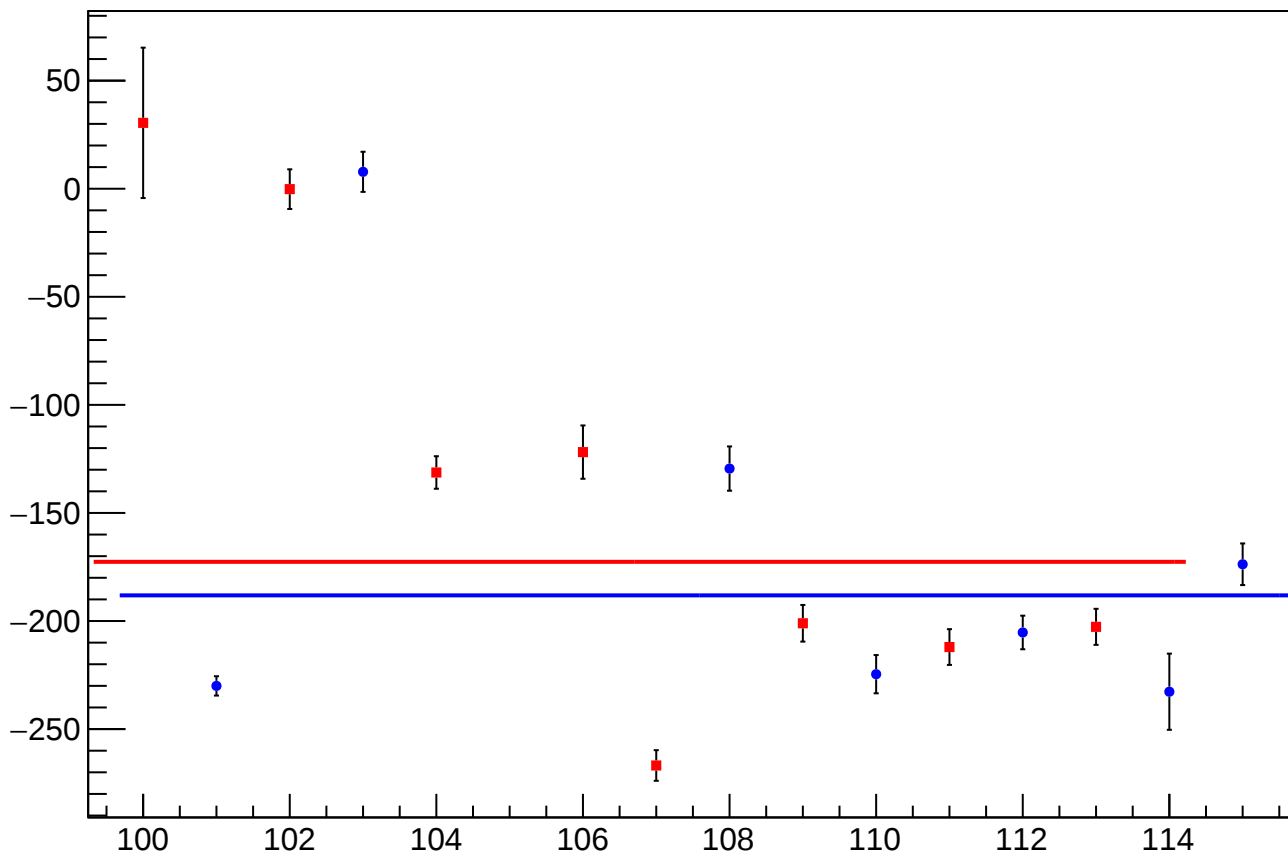
Right: -148.648+/-2.997 χ^2/NDF : 161.4/14

In: -146.687+/-4.196 χ^2/NDF : 37.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -148.648+/-2.997 χ^2/NDF : 161.4/14

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -188.129+/-2.955 χ^2/NDF : 596.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -172.617+/-3.166 χ^2/NDF : 658.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

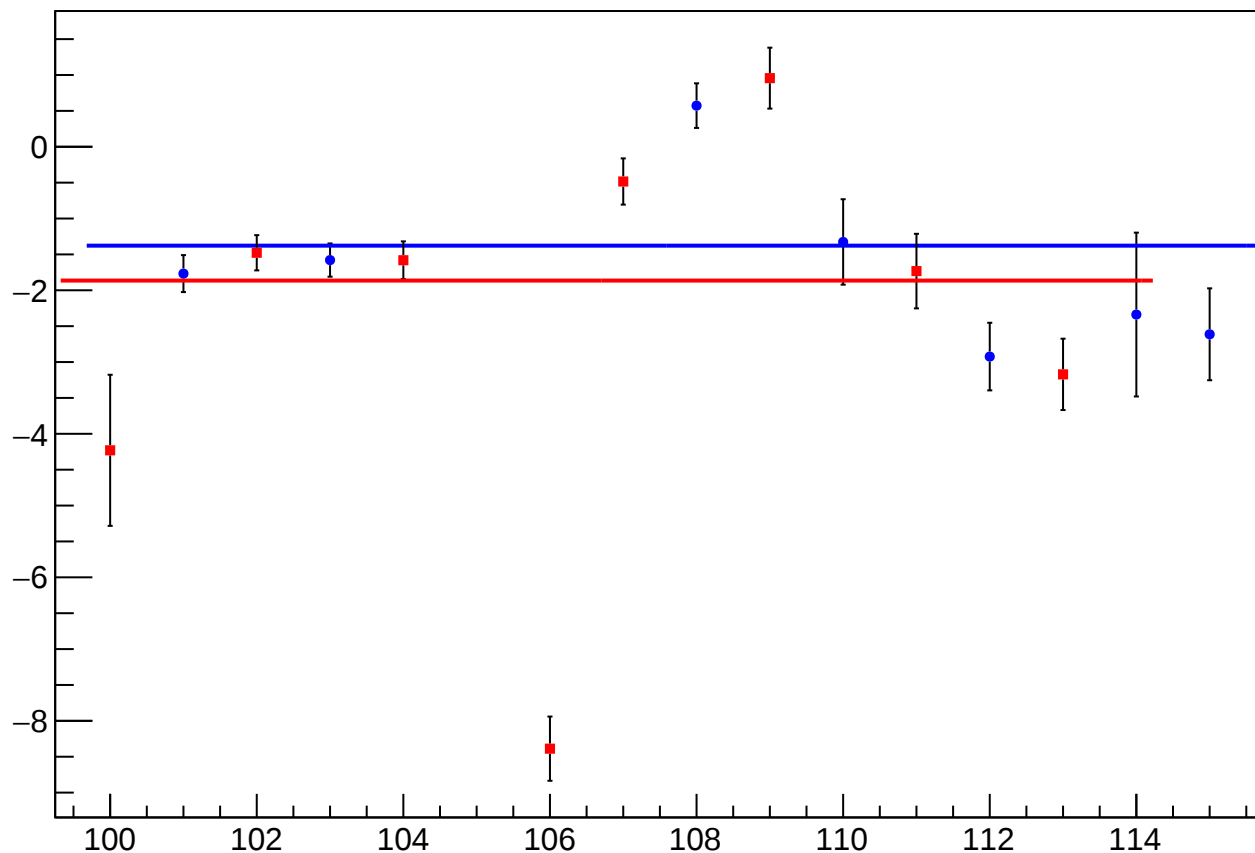
Right: -180.907+/-2.160 χ^2/NDF : 1267.6/14

In: -188.129+/-2.955 χ^2/NDF : 596.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -180.907+/-2.160 χ^2/NDF : 1267.6/14

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.378+/-0.135 χ^2/NDF : 57.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.865+/-0.129 χ^2/NDF : 290.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

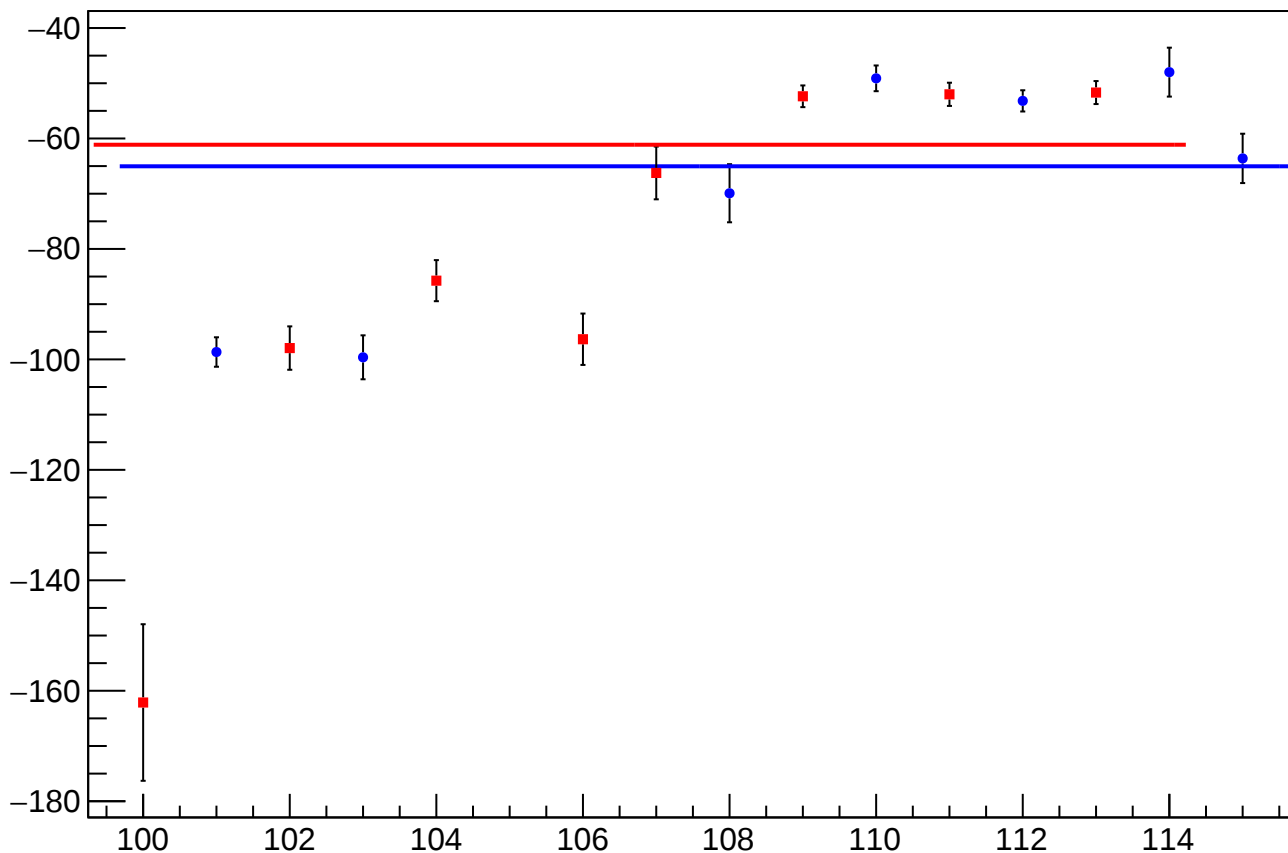
Right: -1.633+/-0.093 χ^2/NDF : 355.0/14

In: -1.378+/-0.135 χ^2/NDF : 57.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.633+/-0.093 χ^2/NDF : 355.0/14

reg_asym_sam3_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -65.037 ± 1.121 $\chi^2/NDF: 335.0/6$

Left Out: 0.000 ± 0.000 $\chi^2/NDF: 0.0/0$

Right Out: -61.133 ± 1.027 $\chi^2/NDF: 300.3/7$

Left In: 0.000 ± 0.000 $\chi^2/NDF: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/NDF: 0.0/0$

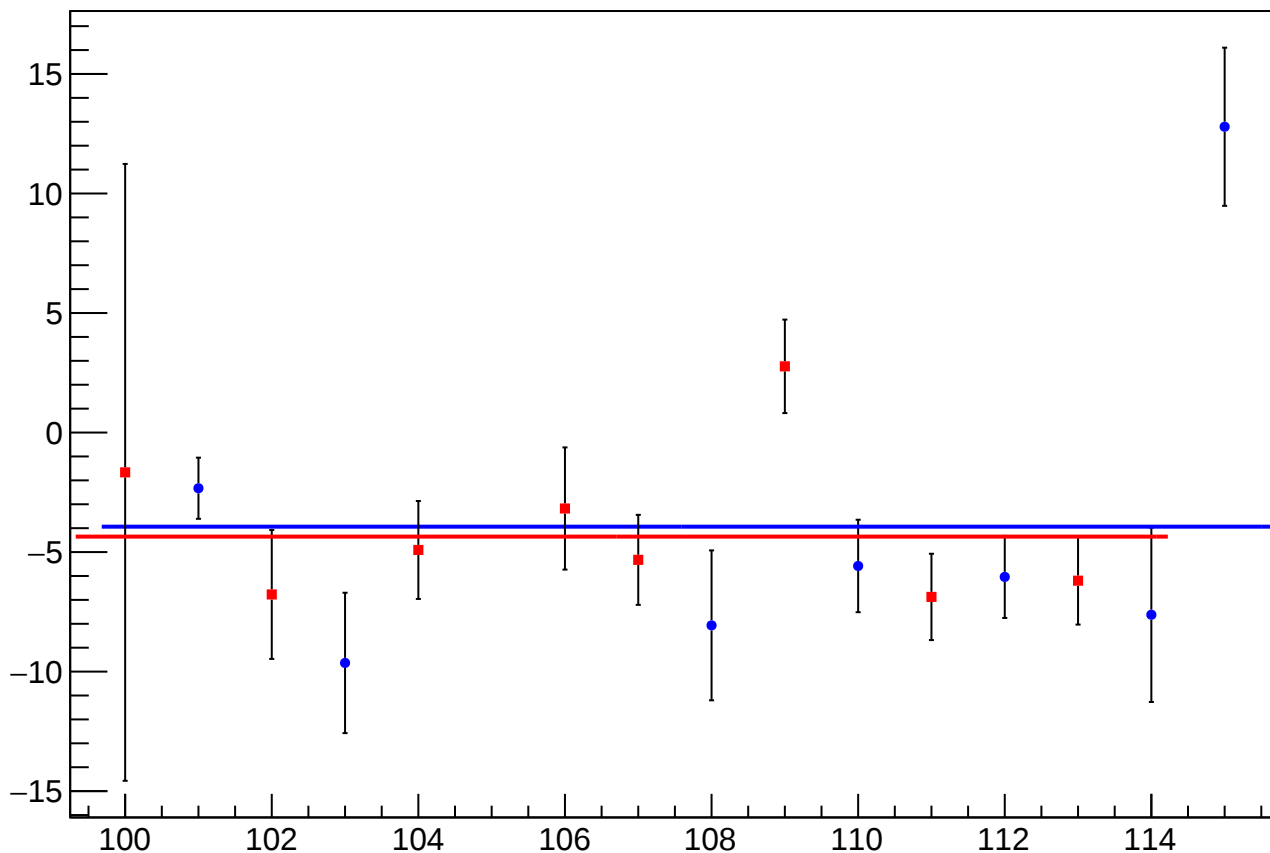
Right: -62.915 ± 0.757 $\chi^2/NDF: 641.9/14$

In: -65.037 ± 1.121 $\chi^2/NDF: 335.0/6$

Out: 0.000 ± 0.000 $\chi^2/NDF: 0.0/0$

All: -62.915 ± 0.757 $\chi^2/NDF: 641.9/14$

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.937+/-0.790 χ^2/NDF : 35.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.353+/-0.771 χ^2/NDF : 17.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

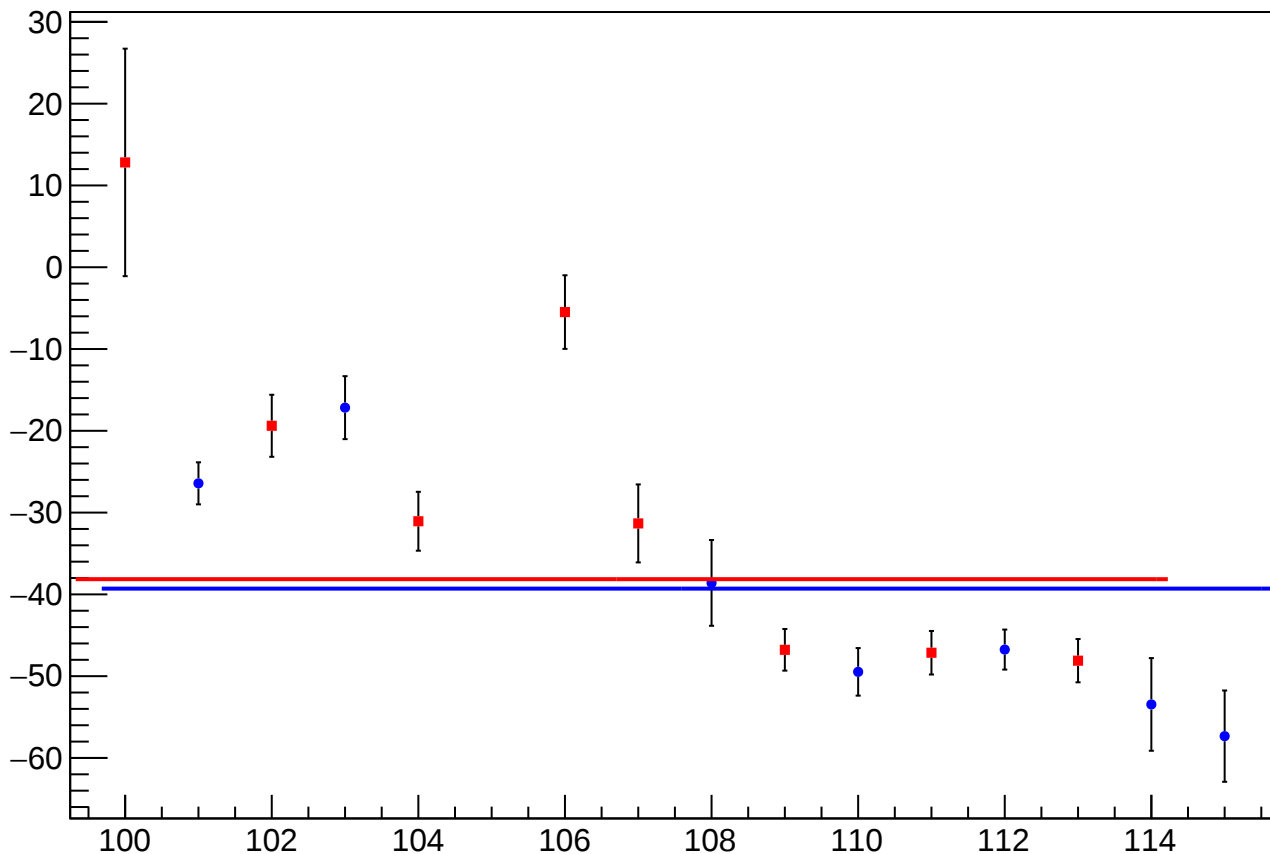
Right: -4.150+/-0.552 χ^2/NDF : 53.7/14

In: -3.937+/-0.790 χ^2/NDF : 35.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.150+/-0.552 χ^2/NDF : 53.7/14

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -39.296+/-1.287 χ^2/NDF : 96.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.140+/-1.210 χ^2/NDF : 133.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

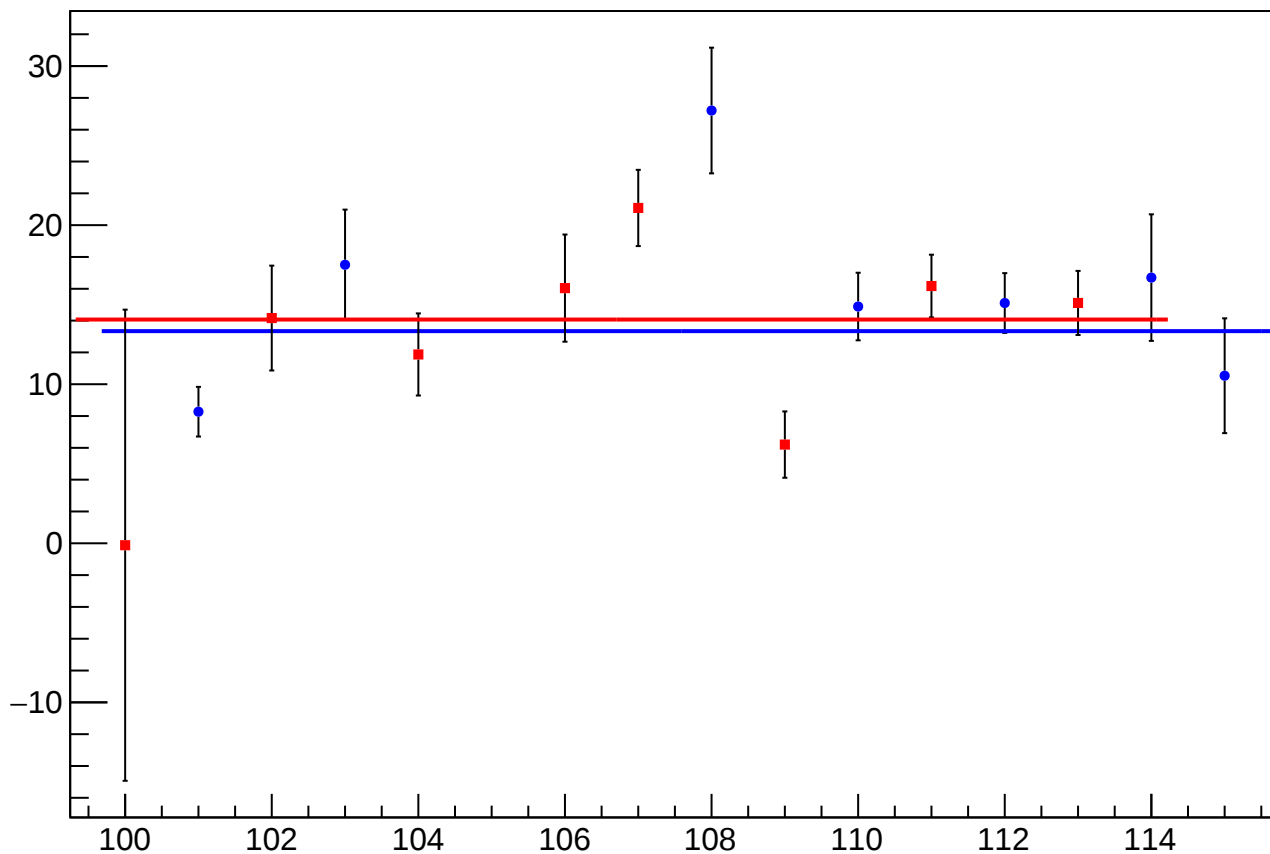
Right: -38.682+/-0.881 χ^2/NDF : 230.4/14

In: -39.296+/-1.287 χ^2/NDF : 96.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.682+/-0.881 χ^2/NDF : 230.4/14

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.337+/-0.912 χ^2/NDF : 27.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.066+/-0.897 χ^2/NDF : 26.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

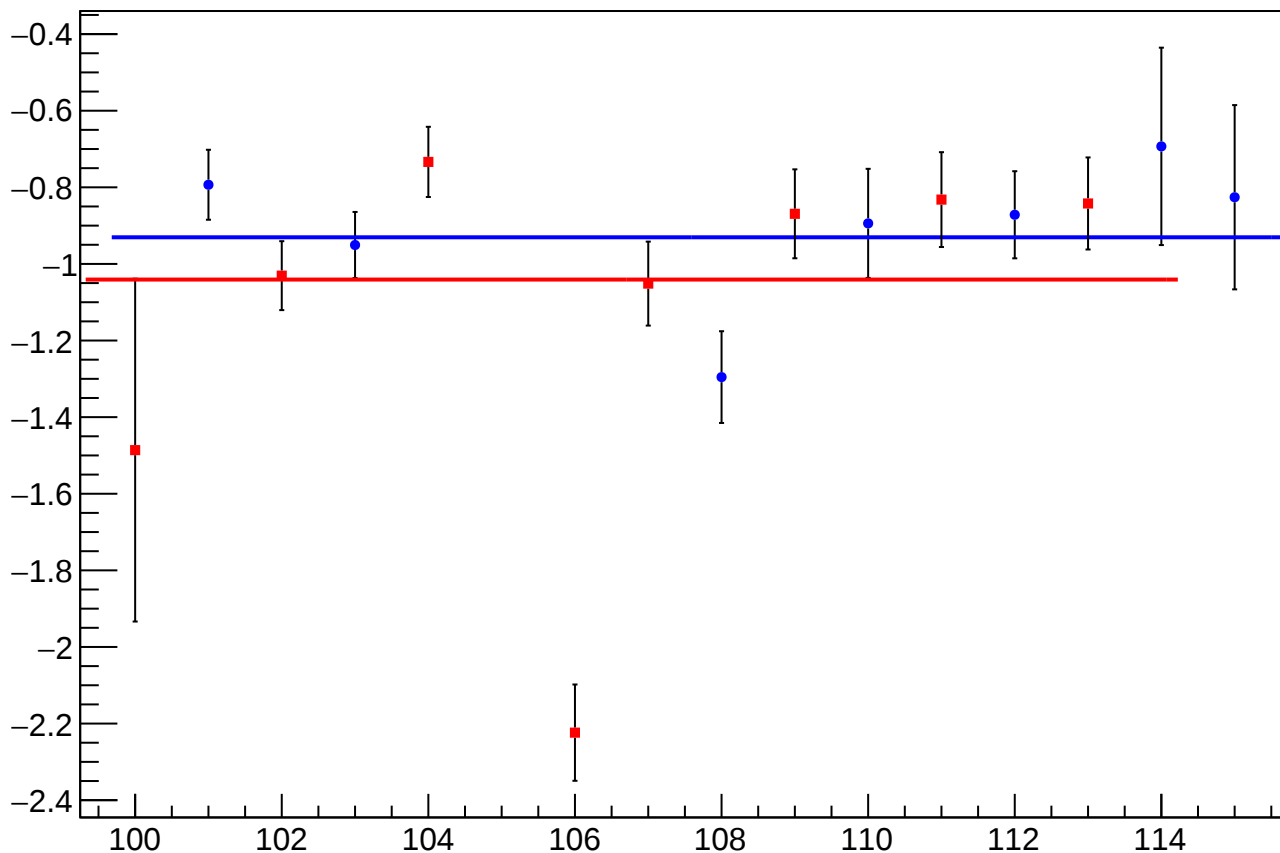
Right: 13.708+/-0.639 χ^2/NDF : 53.5/14

In: 13.337+/-0.912 χ^2/NDF : 27.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.708+/-0.639 χ^2/NDF : 53.5/14

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.930+/-0.046 χ^2/NDF : 13.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.041+/-0.041 χ^2/NDF : 108.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

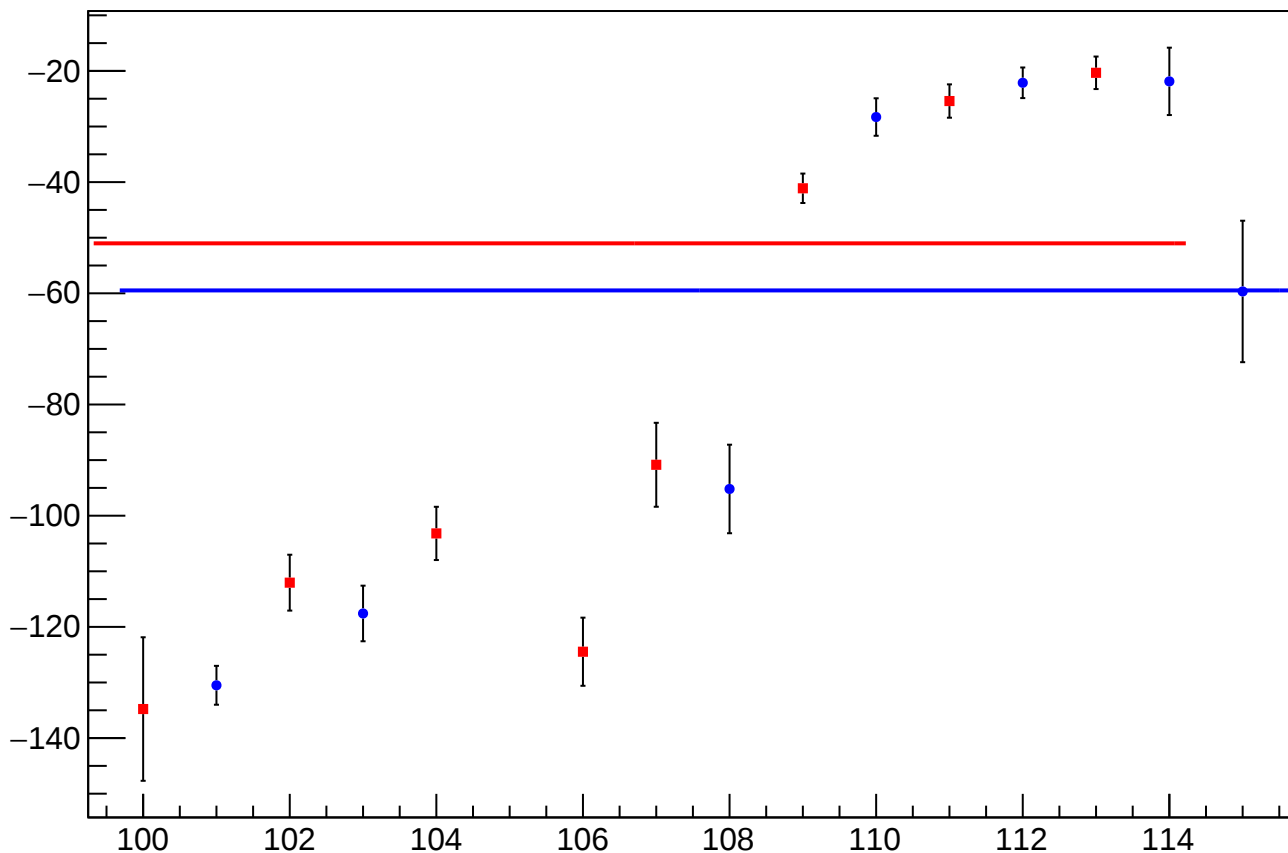
Right: -0.992+/-0.030 χ^2/NDF : 124.8/14

In: -0.930+/-0.046 χ^2/NDF : 13.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.992+/-0.030 χ^2/NDF : 124.8/14

reg_asym_sam4_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -59.481+/-1.599 χ^2/NDF : 876.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -51.013+/-1.408 χ^2/NDF : 676.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

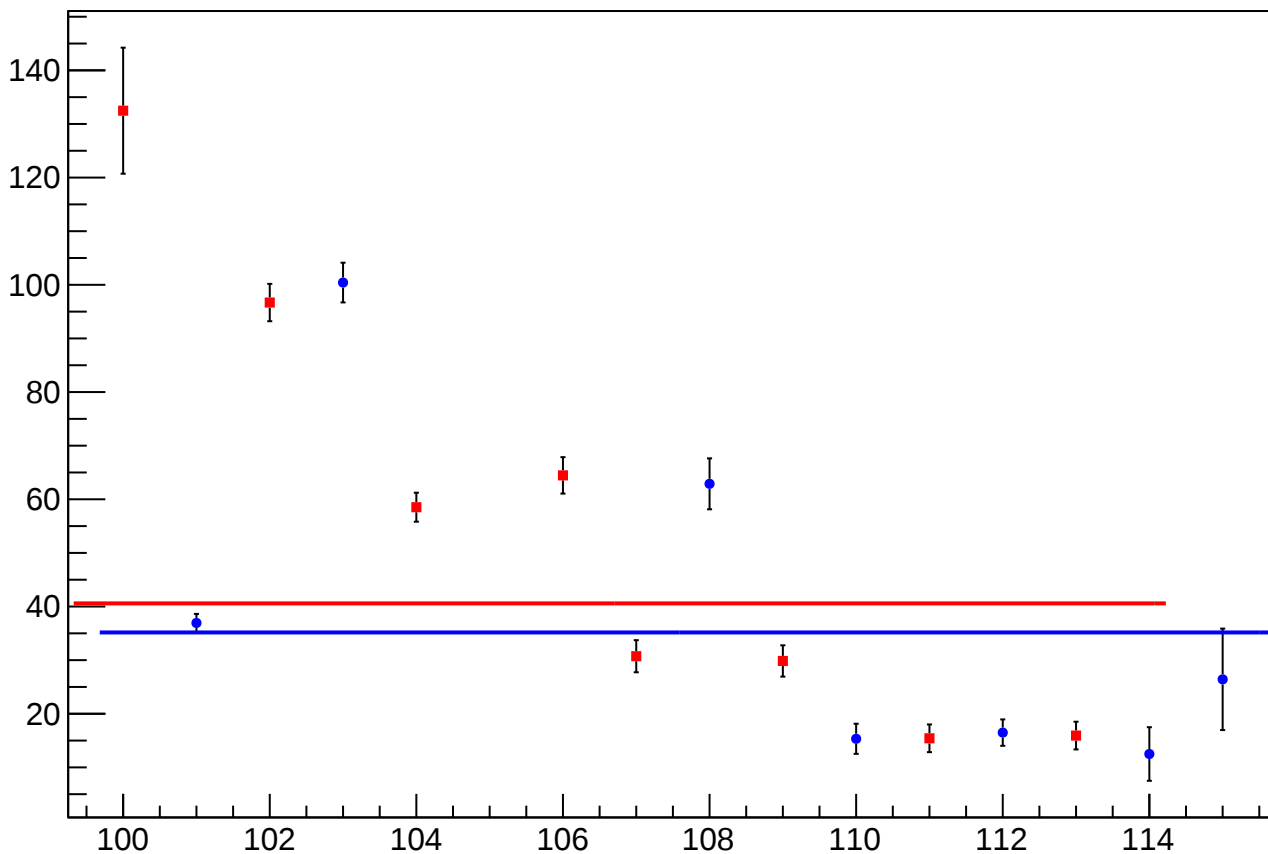
Right: -54.711+/-1.057 χ^2/NDF : 1568.6/14

In: -59.481+/-1.599 χ^2/NDF : 876.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -54.711+/-1.057 χ^2/NDF : 1568.6/14

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 35.165+/-1.111 χ^2/NDF : 474.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.585+/-1.090 χ^2/NDF : 623.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

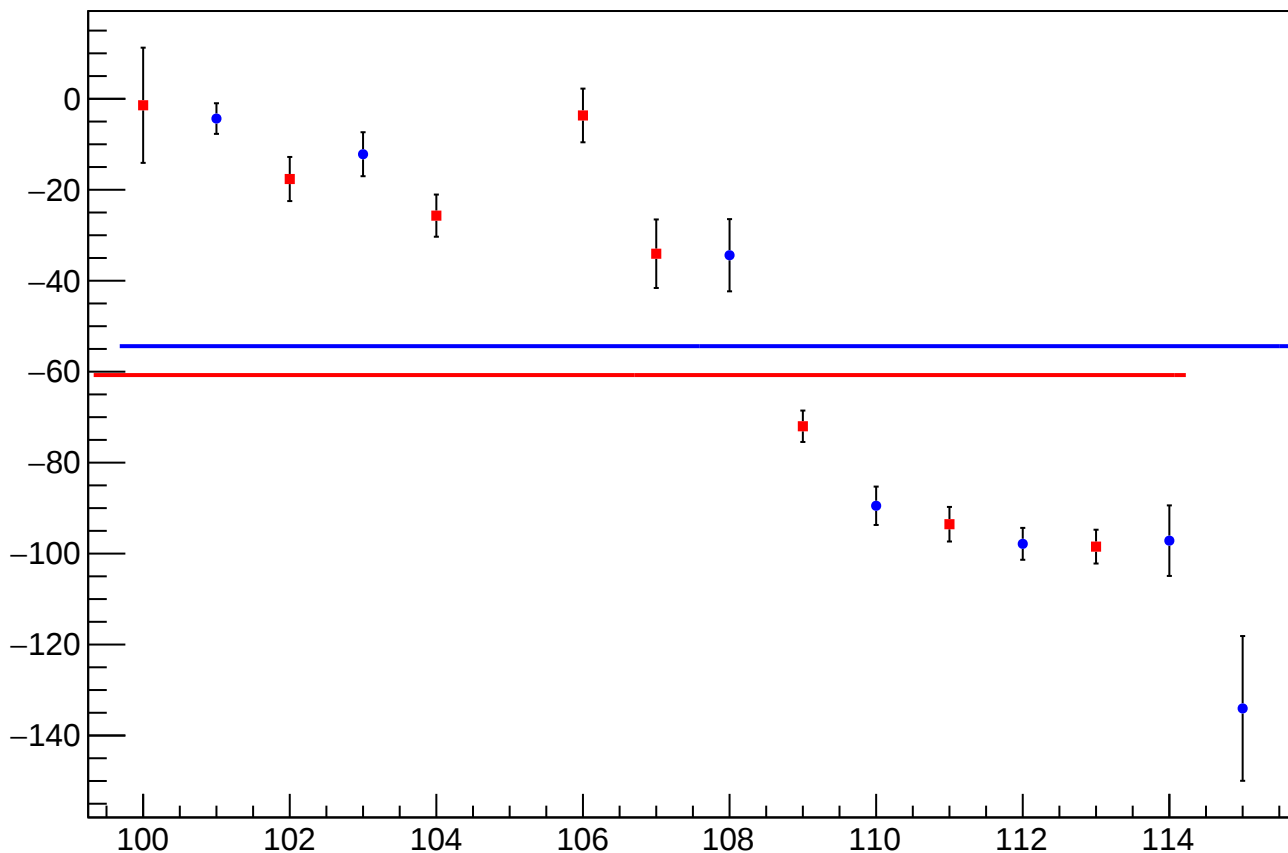
Right: 37.926+/-0.778 χ^2/NDF : 1110.3/14

In: 35.165+/-1.111 χ^2/NDF : 474.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.926+/-0.778 χ^2/NDF : 1110.3/14

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.388 $\pm$ 1.811 χ^2 /NDF: 581.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -60.744 $\pm$ 1.651 χ^2 /NDF: 452.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

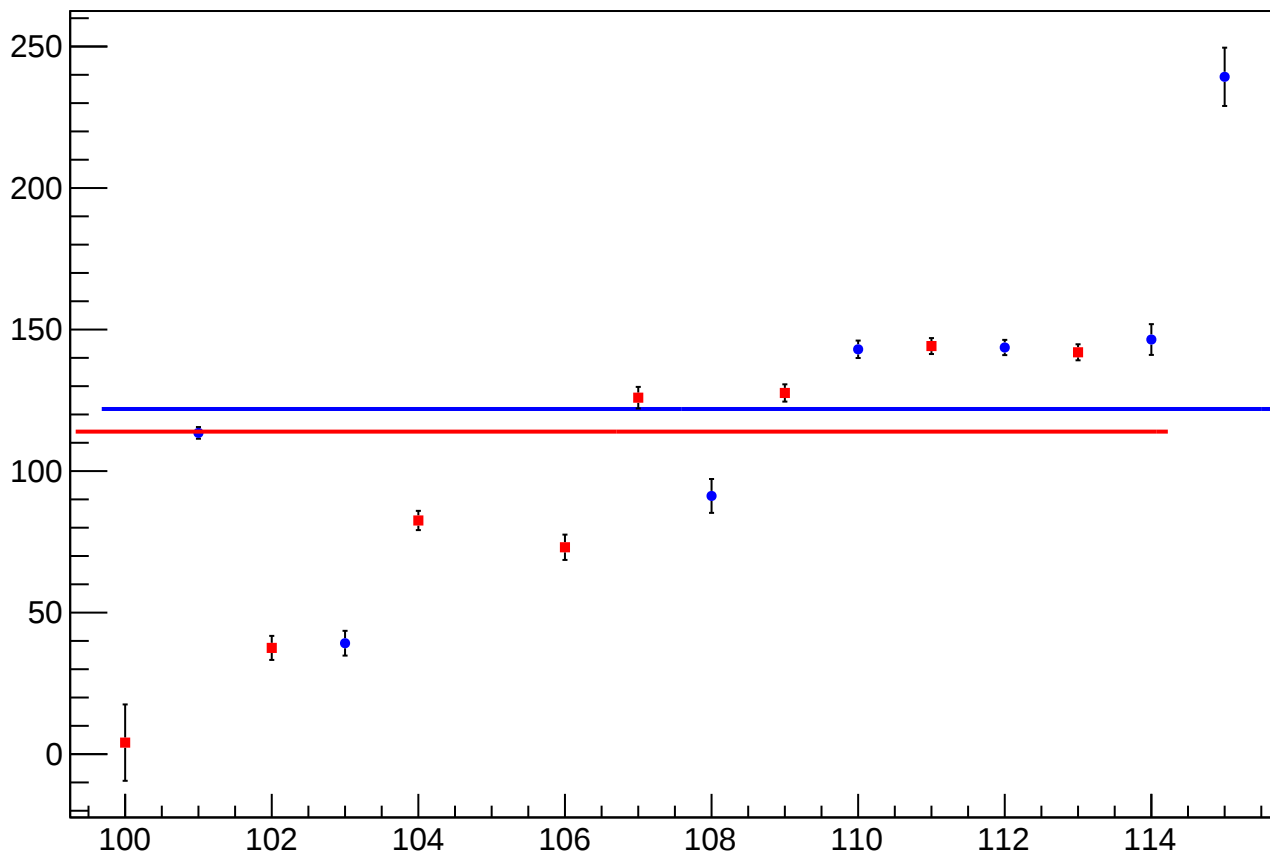
Right: -57.860 $\pm$ 1.220 χ^2 /NDF: 1040.5/14

In: -54.388 $\pm$ 1.811 χ^2 /NDF:581.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -57.860 $\pm$ 1.220 χ^2 /NDF: 1040.5/14

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 121.937+/-1.289 χ^2/NDF : 663.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.944+/-1.265 χ^2/NDF : 801.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

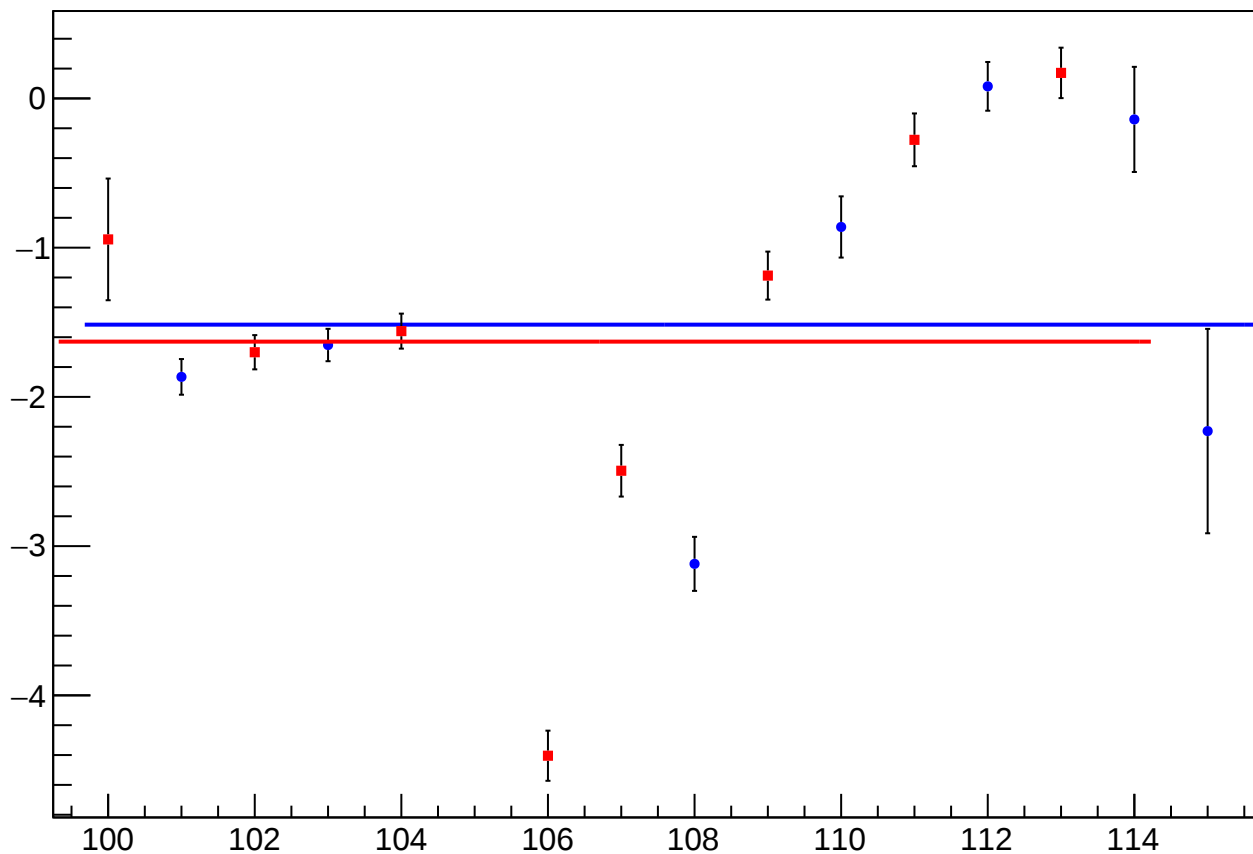
Right: 117.868+/-0.903 χ^2/NDF : 1484.5/14

In: 121.937+/-1.289 χ^2/NDF : 663.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.868+/-0.903 χ^2/NDF : 1484.5/14

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.516+/-0.062 χ^2/NDF : 210.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.630+/-0.055 χ^2/NDF : 480.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

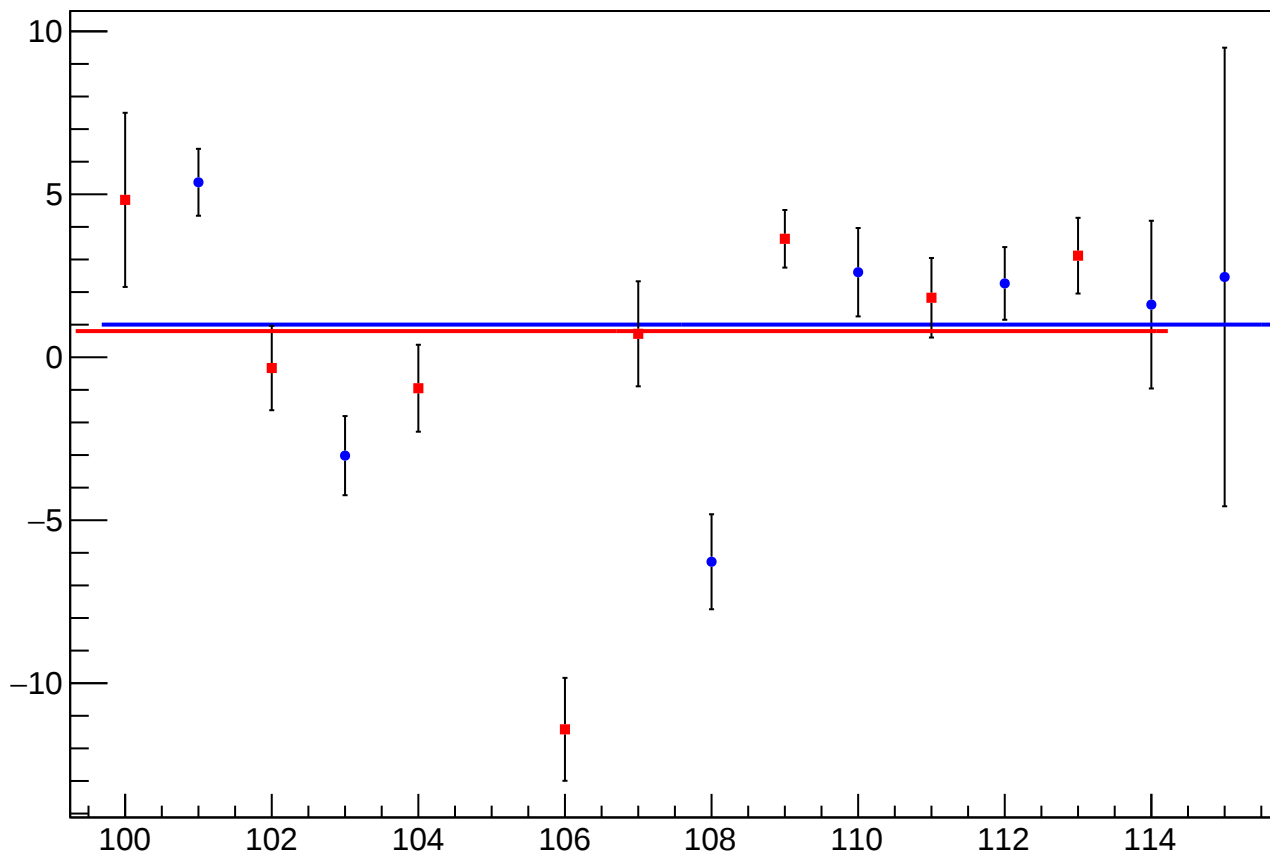
Right: -1.580+/-0.041 χ^2/NDF : 693.4/14

In: -1.516+/-0.062 χ^2/NDF : 210.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.580+/-0.041 χ^2/NDF : 693.4/14

reg_asym_sam5_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.002+/-0.526 χ^2/NDF : 56.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.803+/-0.457 χ^2/NDF : 79.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

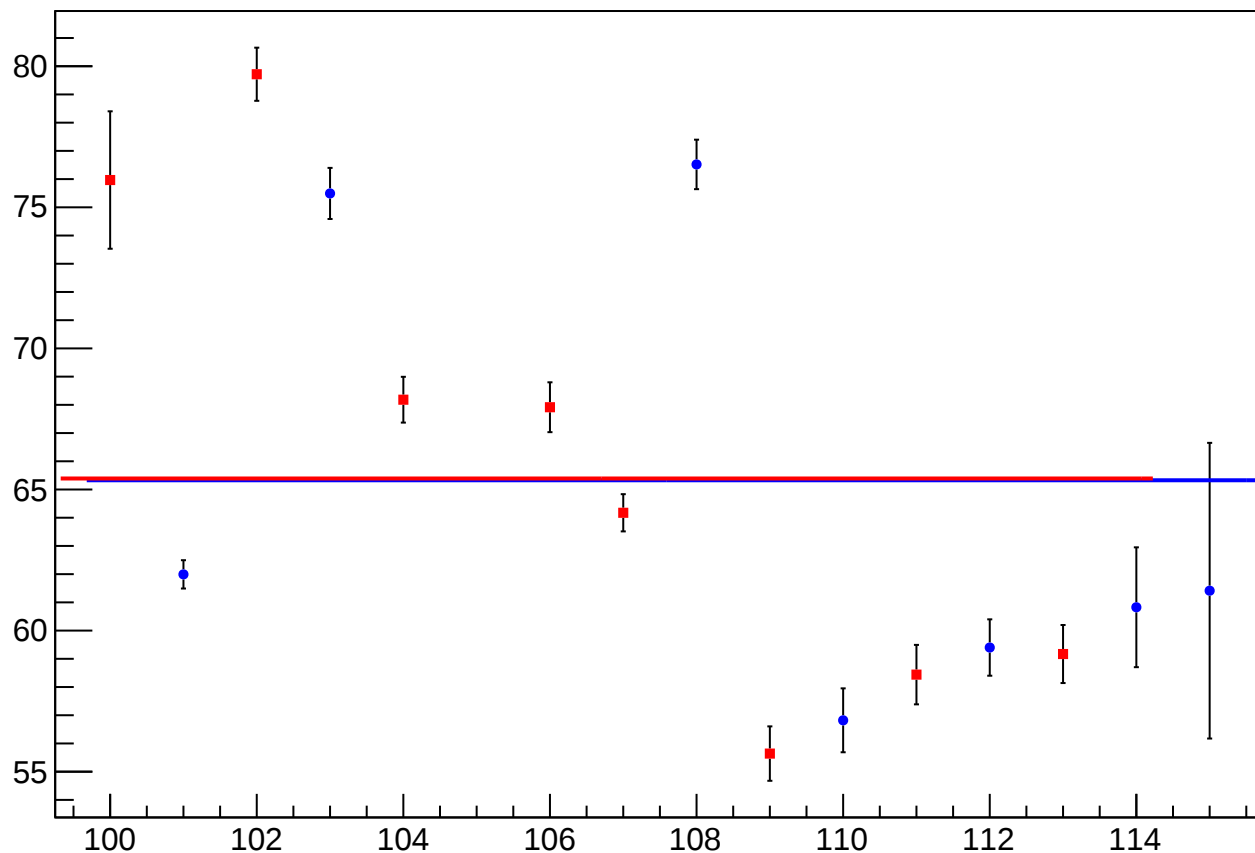
Right: 0.889+/-0.345 χ^2/NDF : 136.4/14

In: 1.002+/-0.526 χ^2/NDF : 56.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.889+/-0.345 χ^2/NDF : 136.4/14

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 65.327+/-0.342 χ^2/NDF : 429.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.390+/-0.328 χ^2/NDF : 456.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

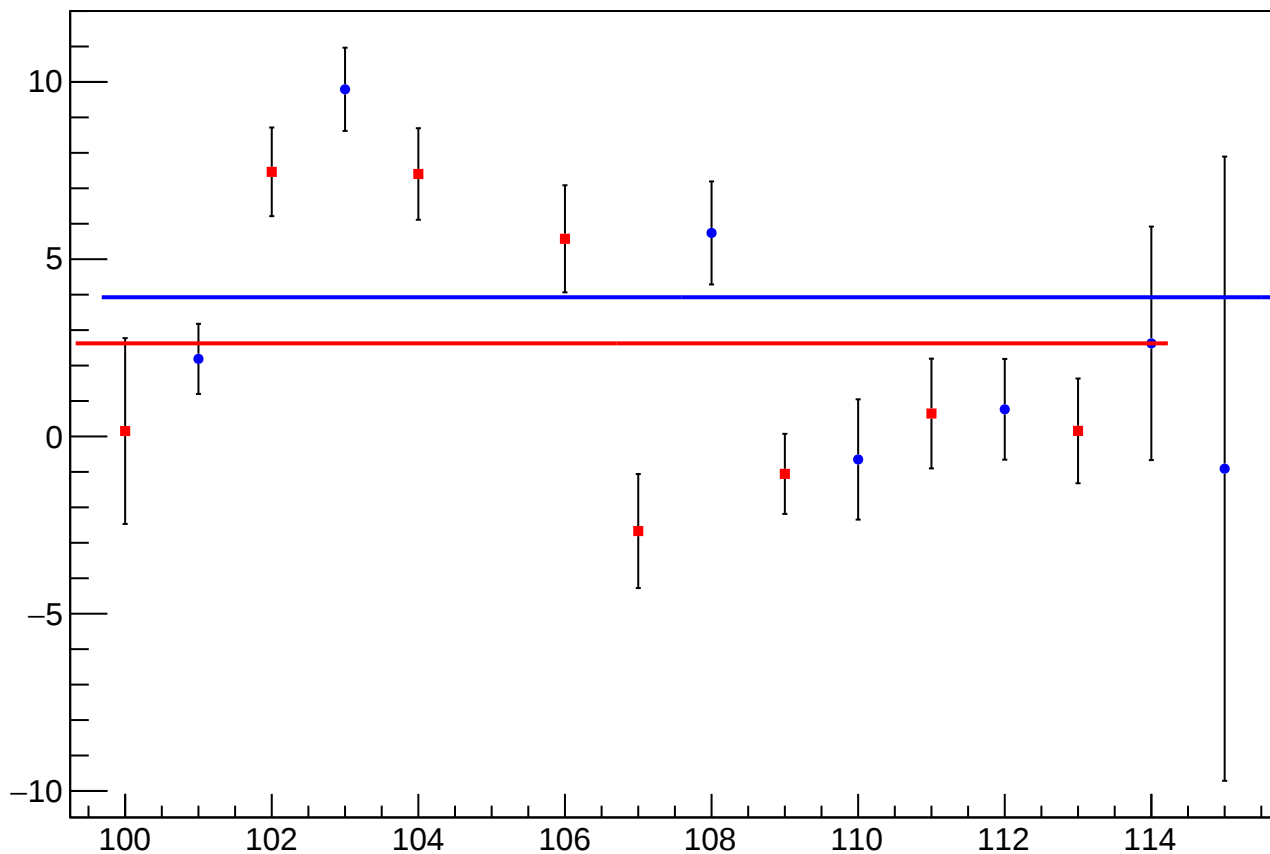
Right: 65.360+/-0.237 χ^2/NDF : 885.9/14

In: 65.327+/-0.342 χ^2/NDF : 429.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.360+/-0.237 χ^2/NDF : 885.9/14

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.927+/-0.562 χ^2/NDF : 42.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.626+/-0.508 χ^2/NDF : 59.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

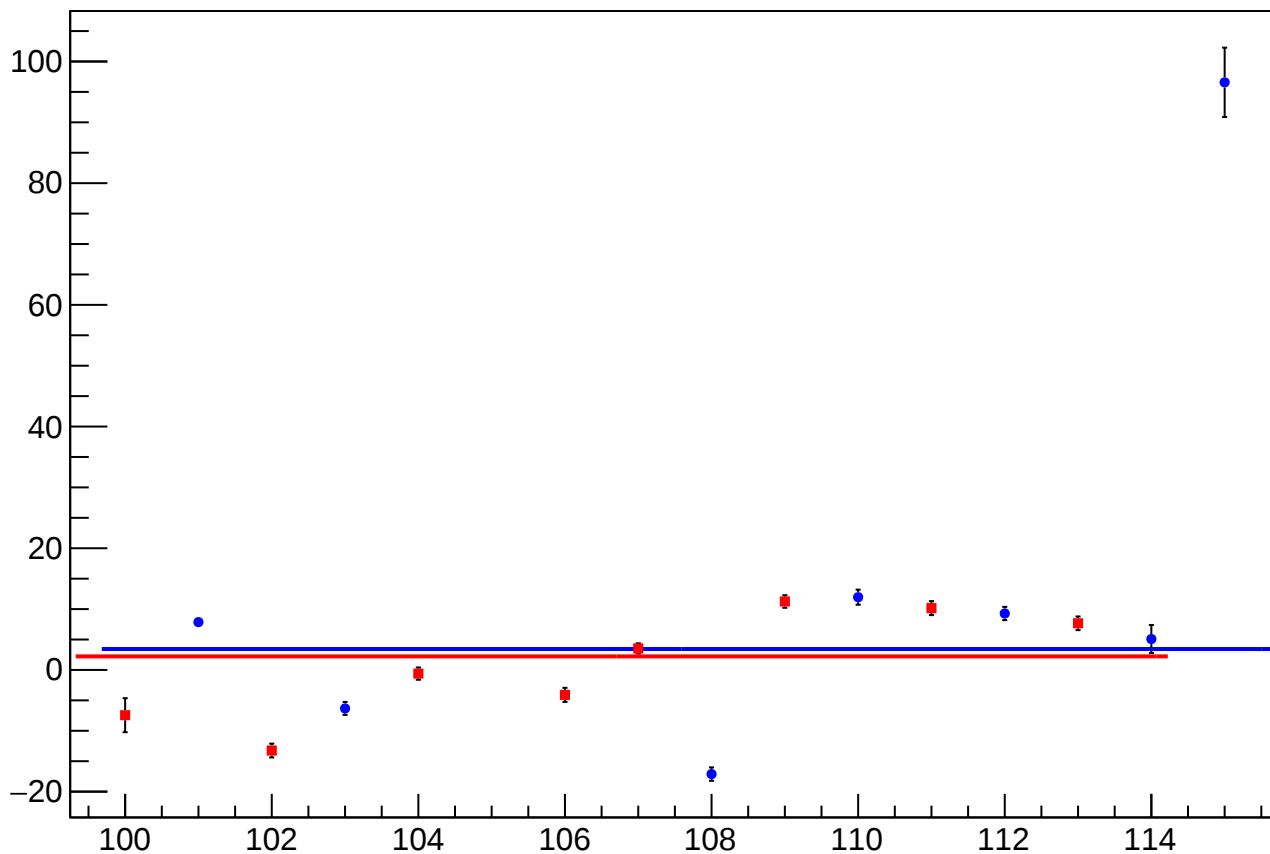
Right: 3.212+/-0.377 χ^2/NDF : 104.5/14

In: 3.927+/-0.562 χ^2/NDF : 42.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.212+/-0.377 χ^2/NDF : 104.5/14

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.439+/-0.406 χ^2/NDF : 826.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.228+/-0.391 χ^2/NDF : 385.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

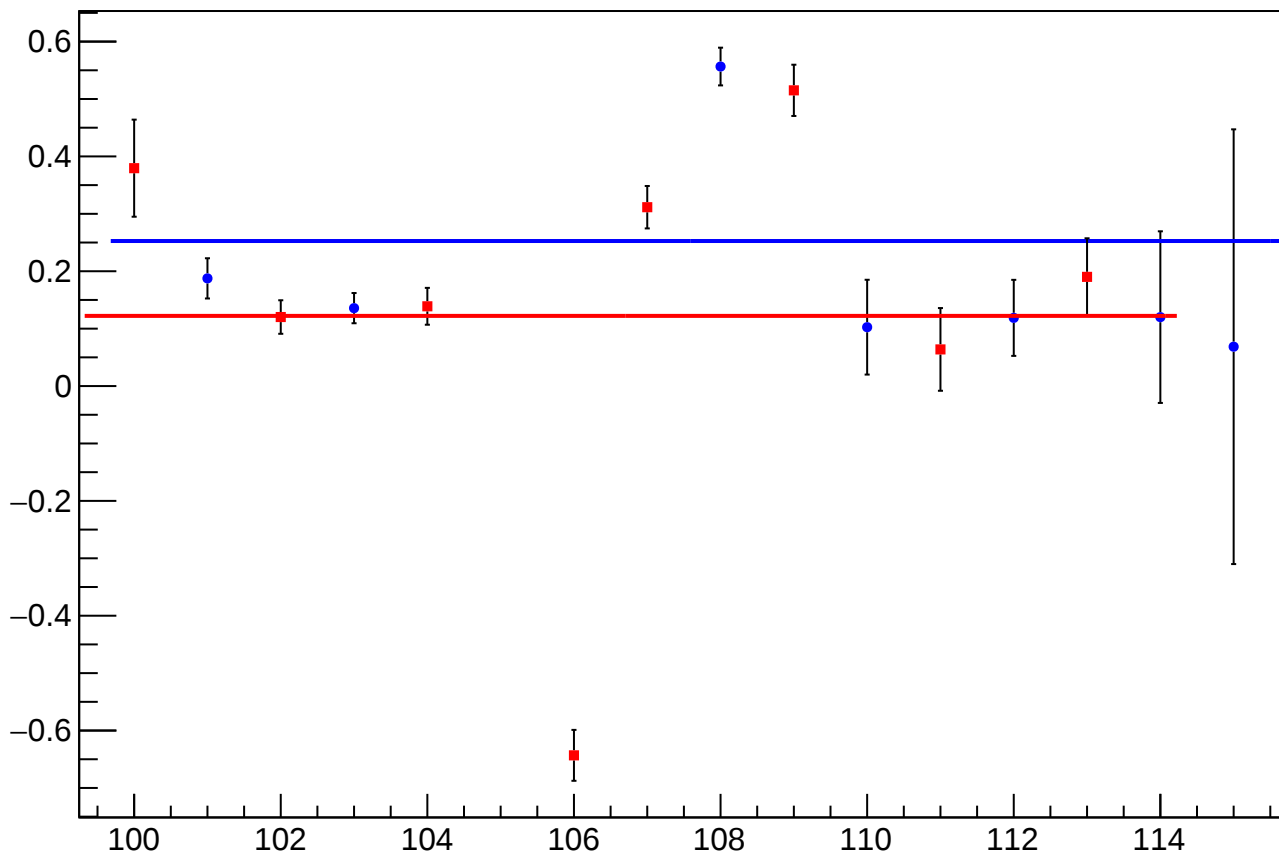
Right: 2.811+/-0.281 χ^2/NDF : 1216.6/14

In: 3.439+/-0.406 χ^2/NDF : 826.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.811+/-0.281 χ^2/NDF : 1216.6/14

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.253+/-0.017 χ^2/NDF : 117.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.122+/-0.015 χ^2/NDF : 413.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

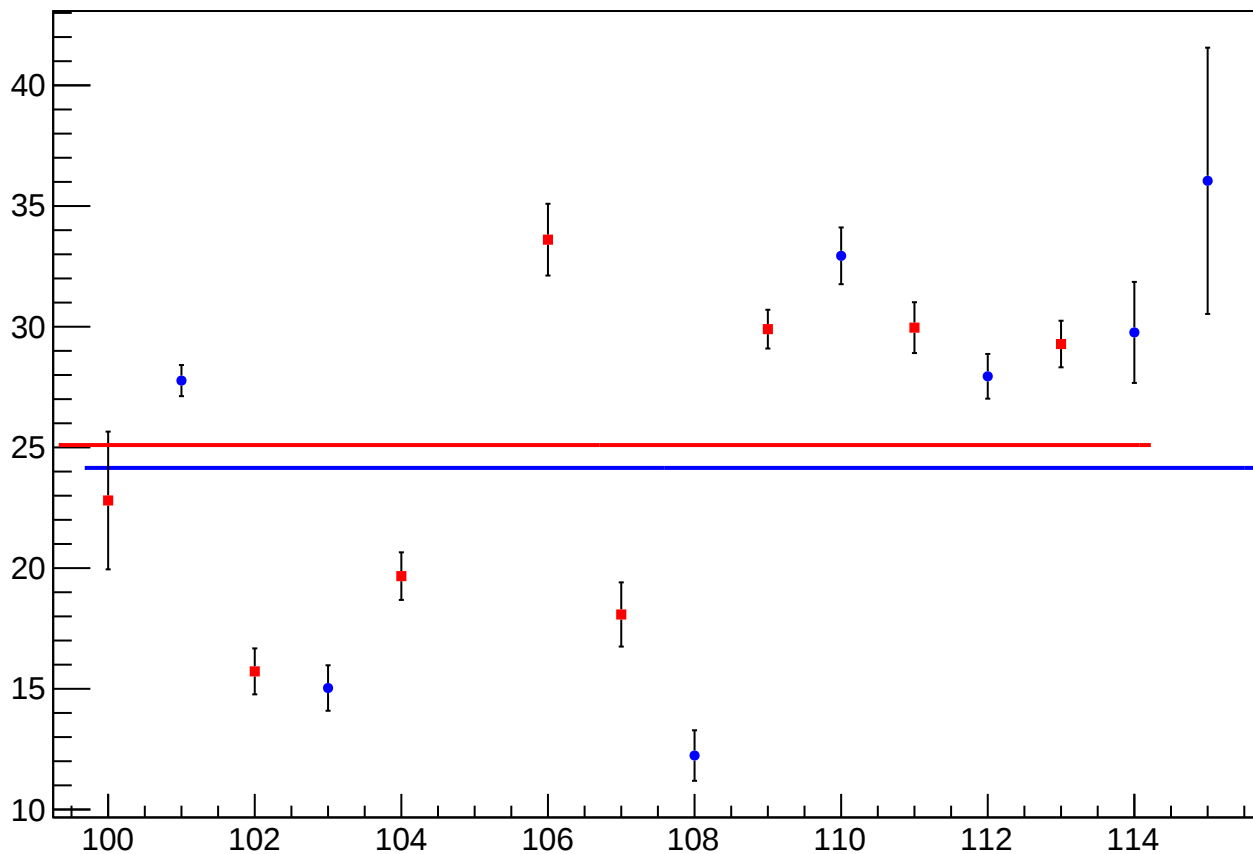
Right: 0.181+/-0.011 χ^2/NDF : 564.0/14

In: 0.253+/-0.017 χ^2/NDF : 117.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.181+/-0.011 χ^2/NDF : 564.0/14

reg_asym_sam6_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 24.152+/-0.389 χ^2/NDF : 339.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.098+/-0.384 χ^2/NDF : 264.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

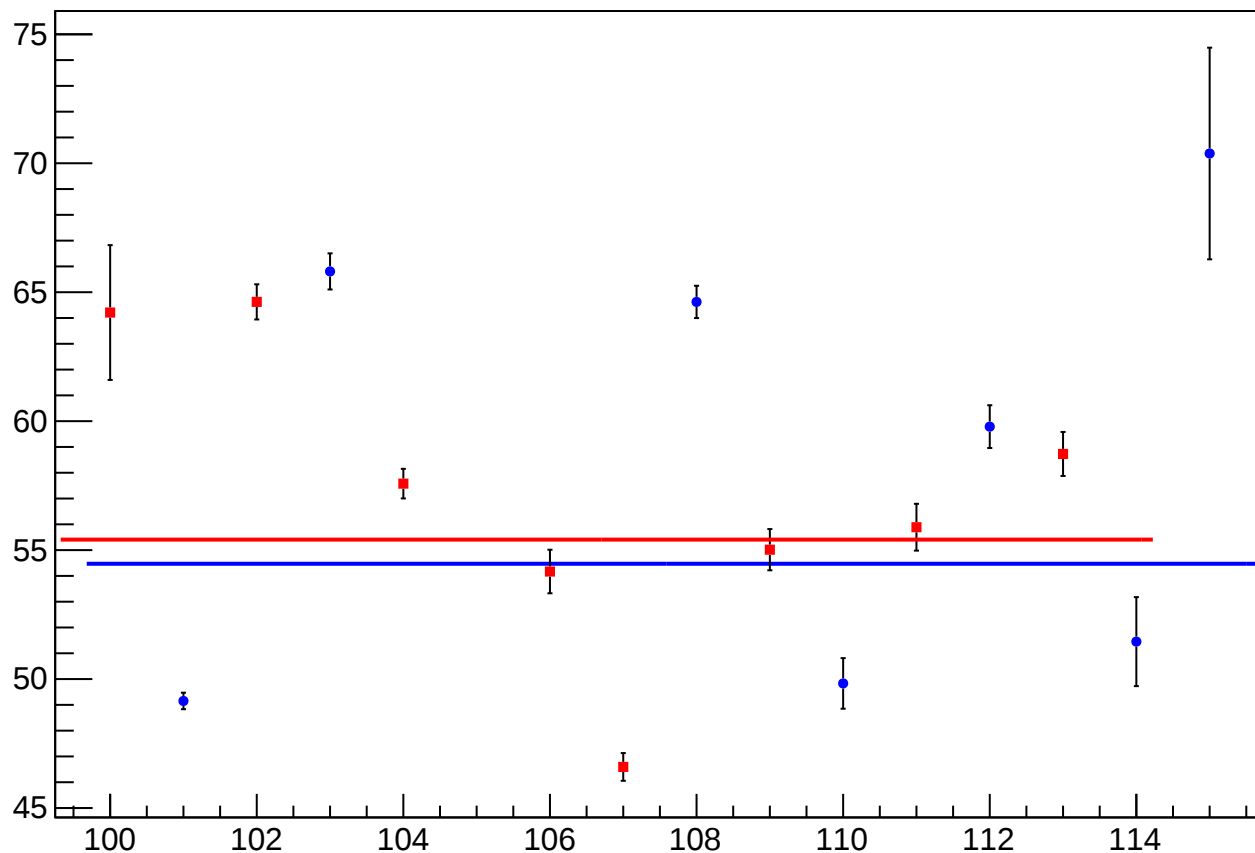
Right: 24.632+/-0.273 χ^2/NDF : 606.7/14

In: 24.152+/-0.389 χ^2/NDF : 339.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.632+/-0.273 χ^2/NDF : 606.7/14

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 54.471+/-0.241 χ^2/NDF : 882.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.408+/-0.264 χ^2/NDF : 495.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

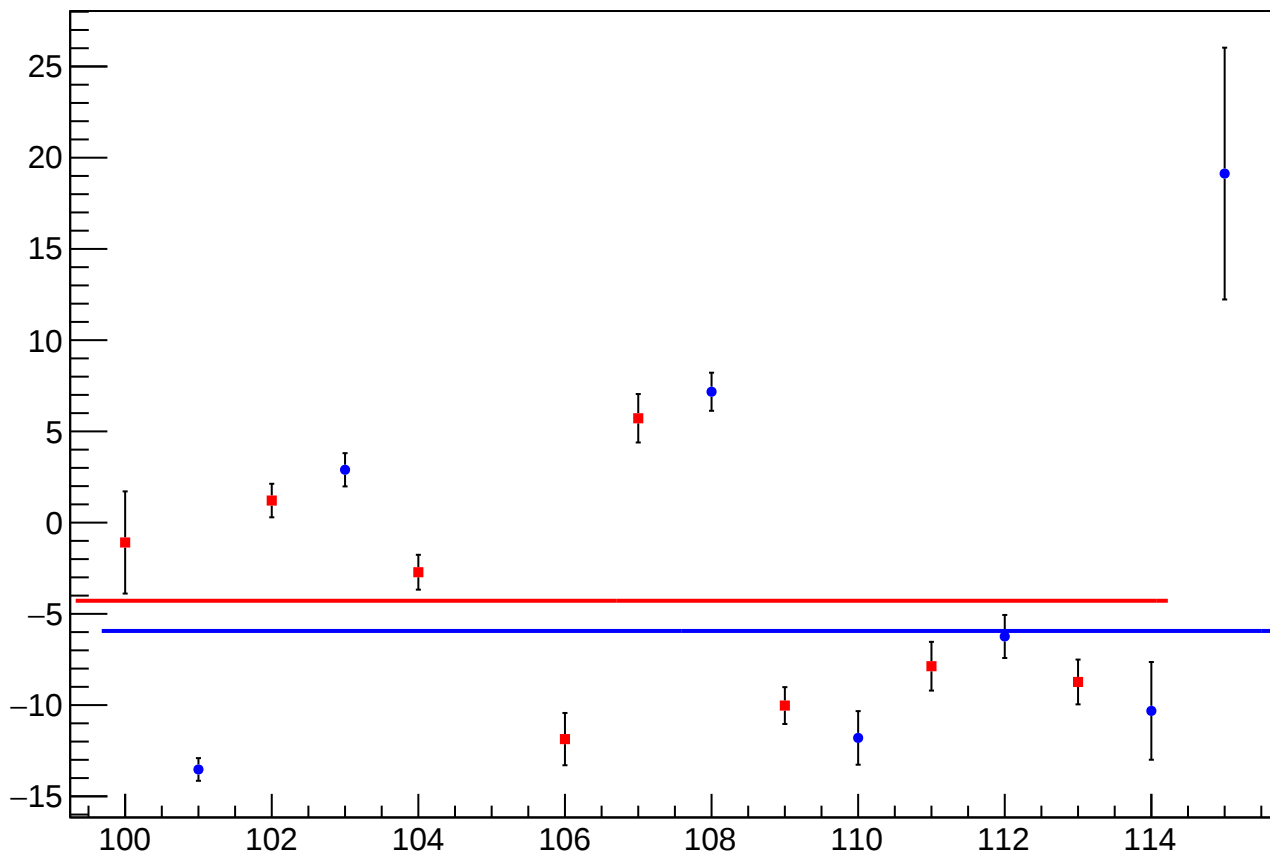
Right: 54.897+/-0.178 χ^2/NDF : 1384.4/14

In: 54.471+/-0.241 χ^2/NDF : 882.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.897+/-0.178 χ^2/NDF : 1384.4/14

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.937 $\pm$ 0.406 χ^2 /NDF: 432.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4.282 $\pm$ 0.420 χ^2 /NDF: 177.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

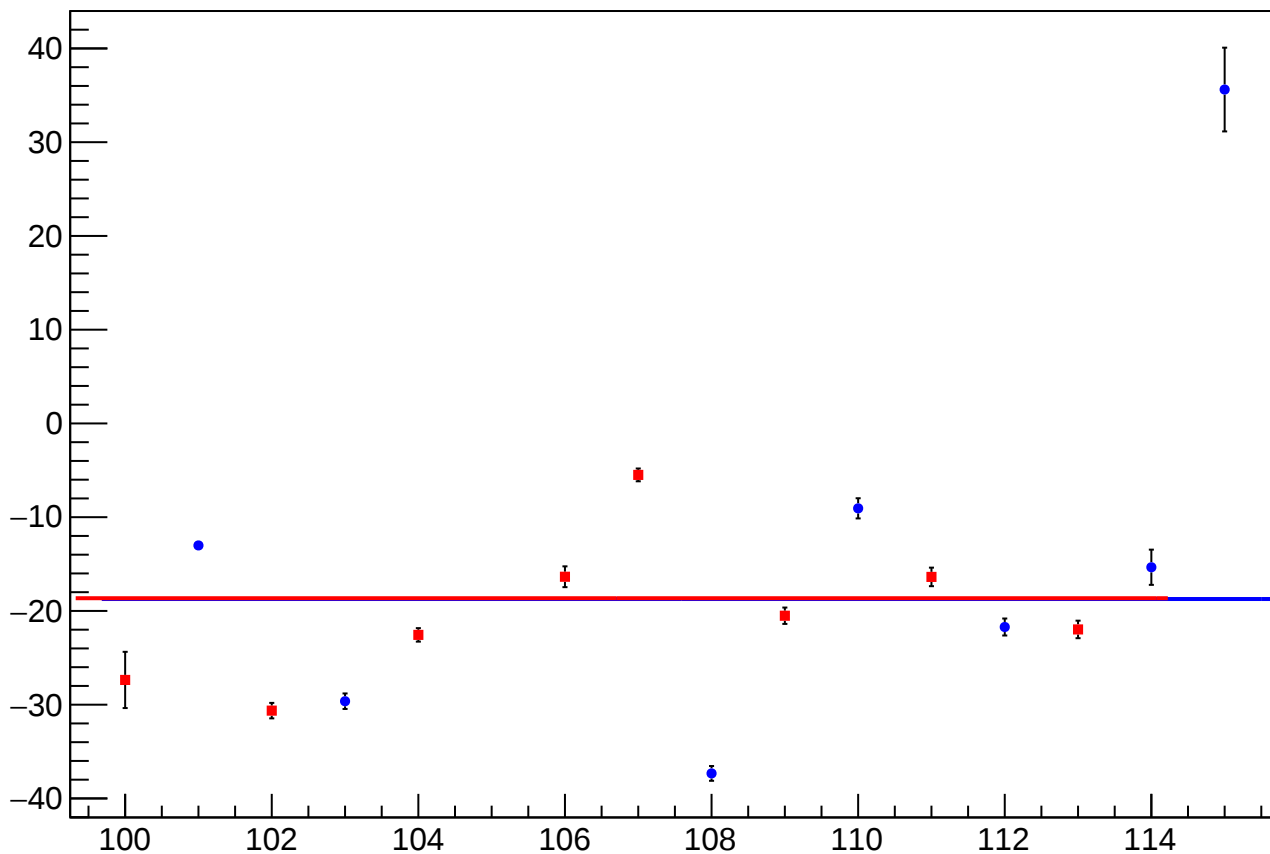
Right: -5.137 $\pm$ 0.292 χ^2 /NDF: 618.0/14

In: -5.937 $\pm$ 0.406 χ^2 /NDF:432.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.137 $\pm$ 0.292 χ^2 /NDF: 618.0/14

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -18.728 $\pm$ 0.288 χ^2 /NDF: 1188.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -18.644 $\pm$ 0.317 χ^2 /NDF: 647.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

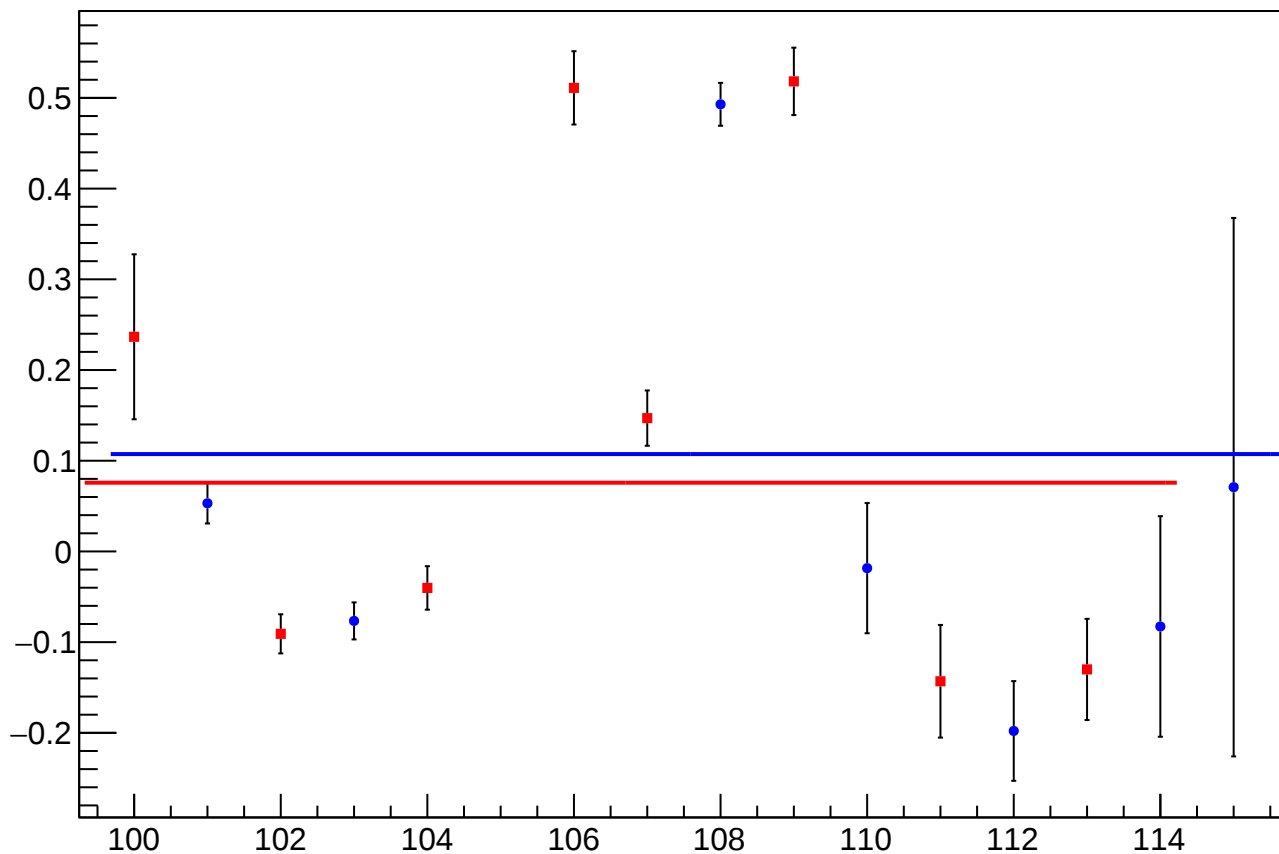
Right: -18.690 $\pm$ 0.213 χ^2 /NDF: 1835.2/14

In: -18.728 $\pm$ 0.288 χ^2 /NDF:1188.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -18.690 $\pm$ 0.213 χ^2 /NDF: 1835.2/14

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.107+/-0.012 χ^2/NDF : 389.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.076+/-0.012 χ^2/NDF : 375.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

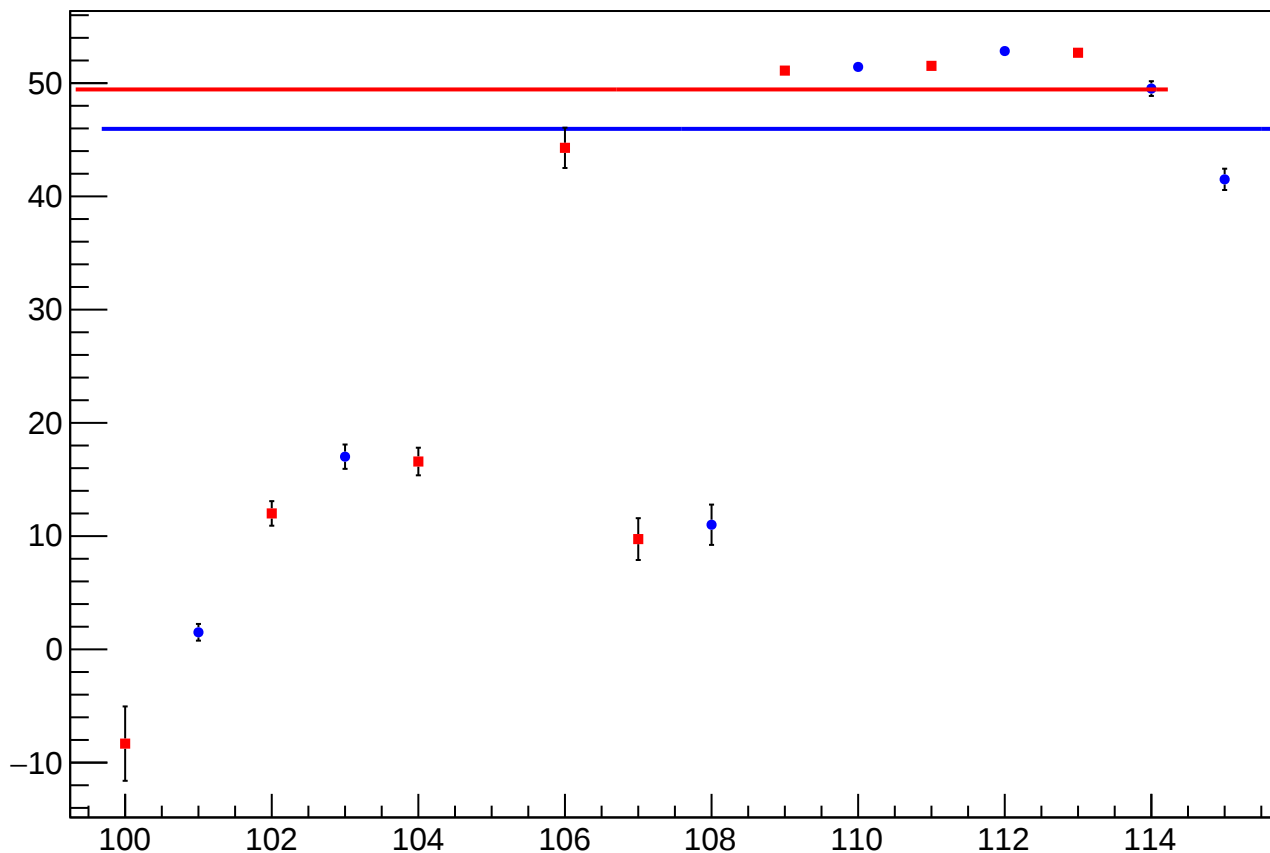
Right: 0.091+/-0.009 χ^2/NDF : 768.2/14

In: 0.107+/-0.012 χ^2/NDF : 389.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.091+/-0.009 χ^2/NDF : 768.2/14

reg_asym_sam7_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 45.962 $\pm$ 0.202 χ^2 /NDF: 5539.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 49.443 $\pm$ 0.170 χ^2 /NDF: 2876.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

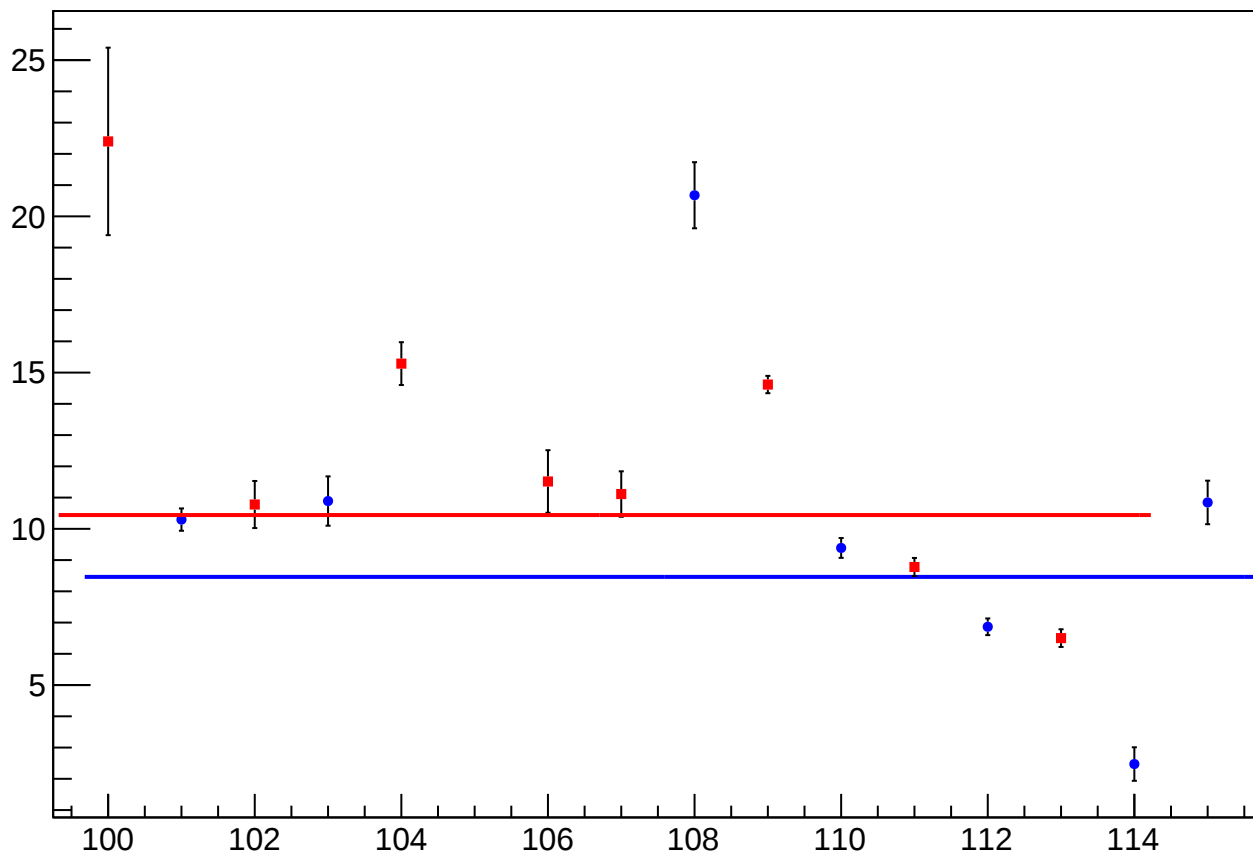
Right: 47.992 $\pm$ 0.130 χ^2 /NDF: 8589.7/14

In: 45.962 $\pm$ 0.202 χ^2 /NDF: 5539.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 47.992 $\pm$ 0.130 χ^2 /NDF: 8589.7/14

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.462 $\pm$ 0.158 χ^2 /NDF: 349.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 10.441 $\pm$ 0.150 χ^2 /NDF: 521.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

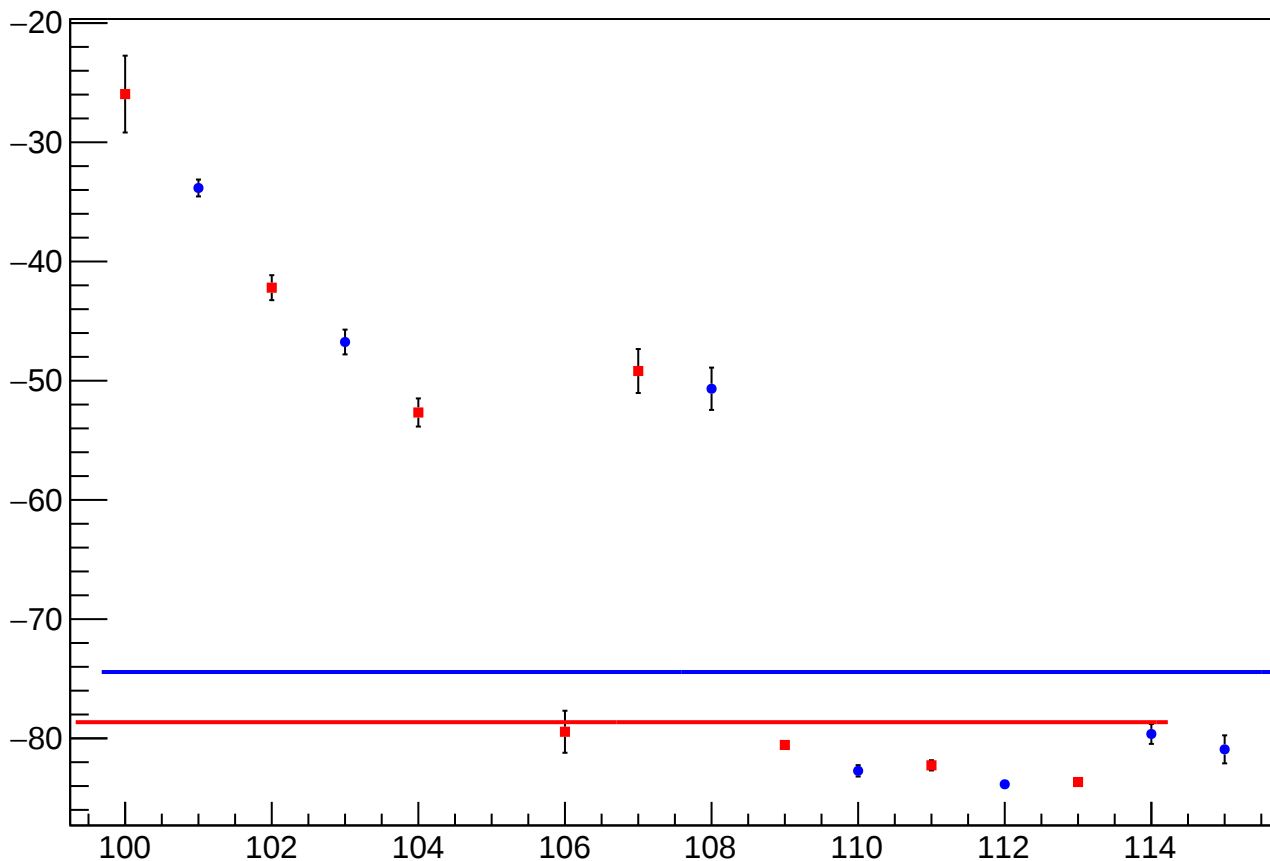
Right: 9.504 $\pm$ 0.109 χ^2 /NDF: 953.2/14

In: 8.462 $\pm$ 0.158 χ^2 /NDF:349.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.504 $\pm$ 0.109 χ^2 /NDF: 953.2/14

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -74.435+/-0.245 χ^2/NDF : 5145.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -78.644+/-0.214 χ^2/NDF : 2472.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

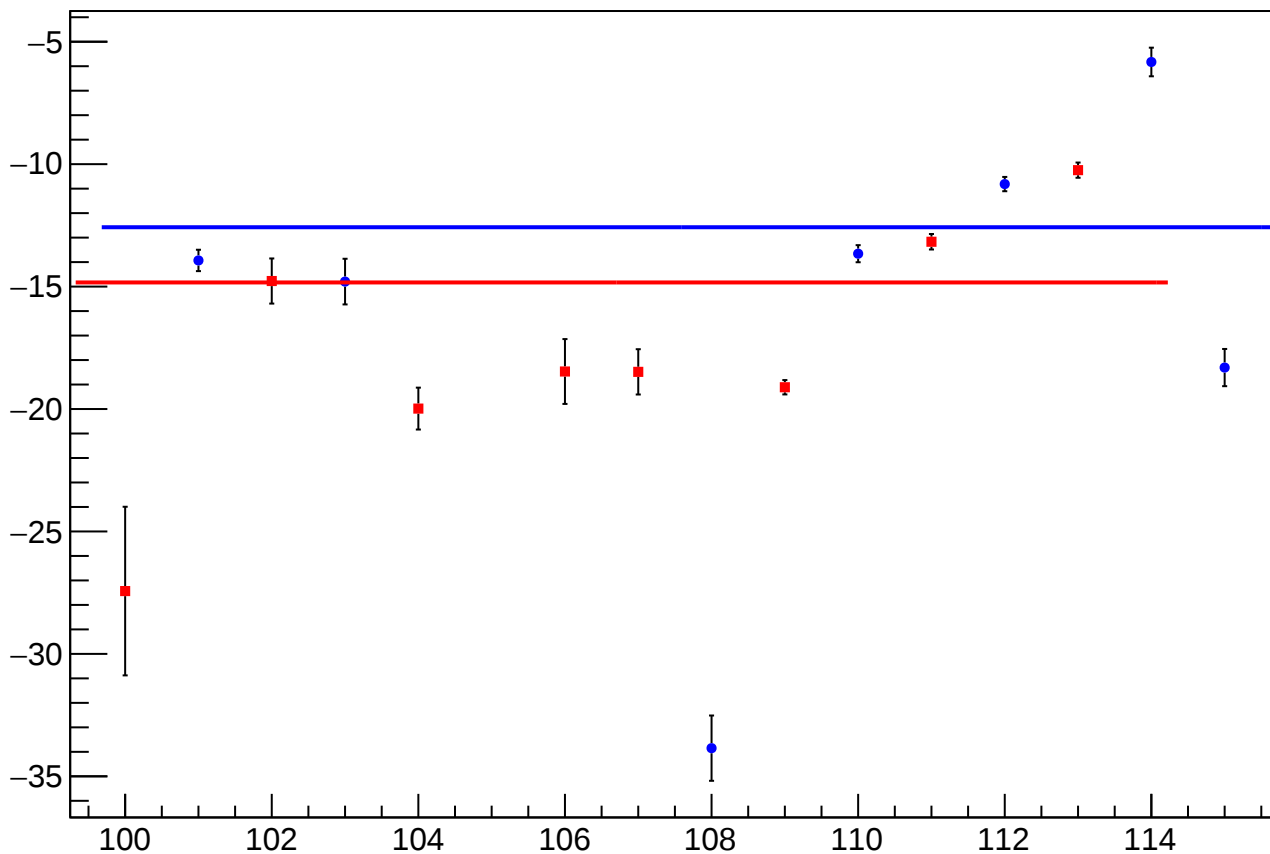
Right: -76.821+/-0.161 χ^2/NDF : 7785.2/14

In: -74.435+/-0.245 χ^2/NDF : 5145.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -76.821+/-0.161 χ^2/NDF : 7785.2/14

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.576 $\pm$ 0.178 χ^2 /NDF: 506.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -14.831 $\pm$ 0.166 χ^2 /NDF: 531.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

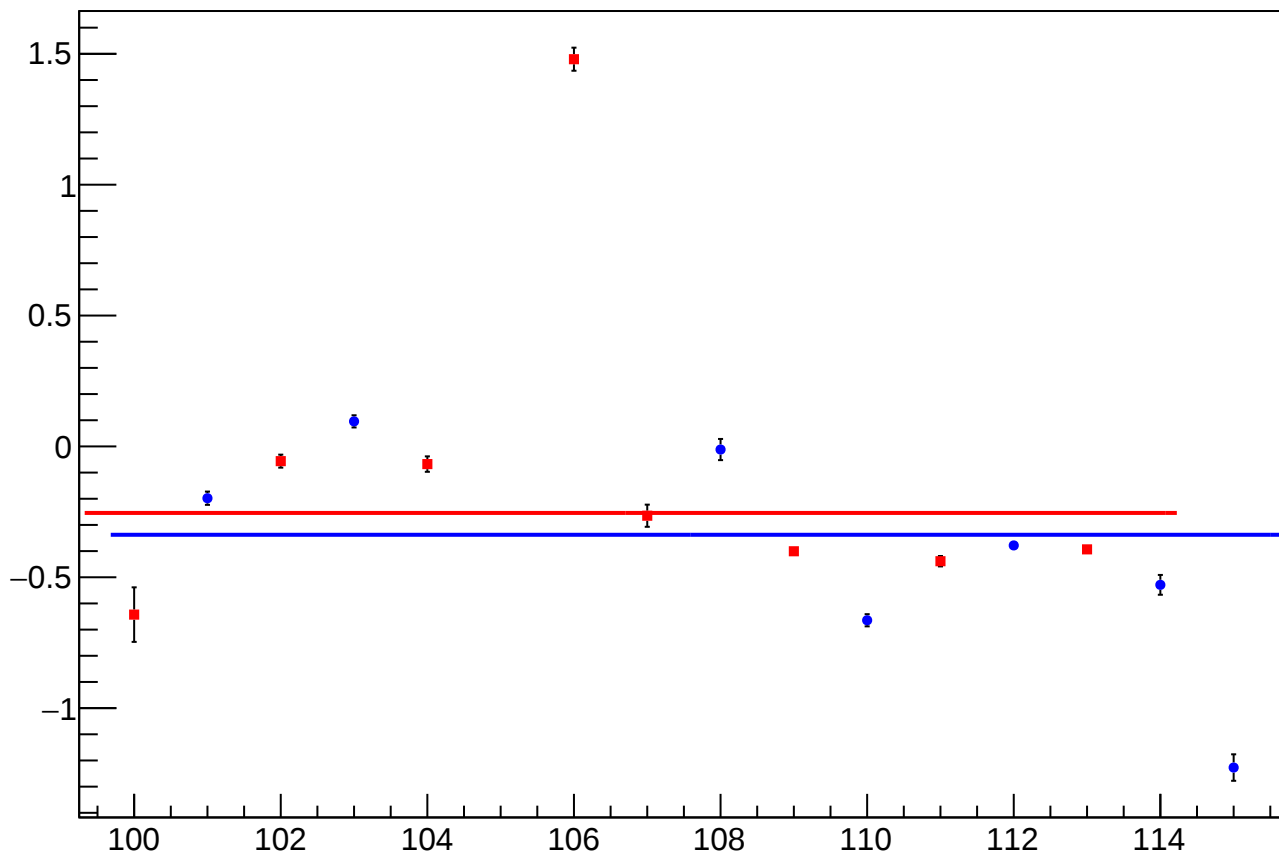
Right: -13.783 $\pm$ 0.121 χ^2 /NDF: 1124.1/14

In: -12.576 $\pm$ 0.178 χ^2 /NDF:506.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.783 $\pm$ 0.121 χ^2 /NDF: 1124.1/14

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.338+/-0.010 χ^2 /NDF: 977.8/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.254+/-0.009 χ^2 /NDF: 1883.3/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

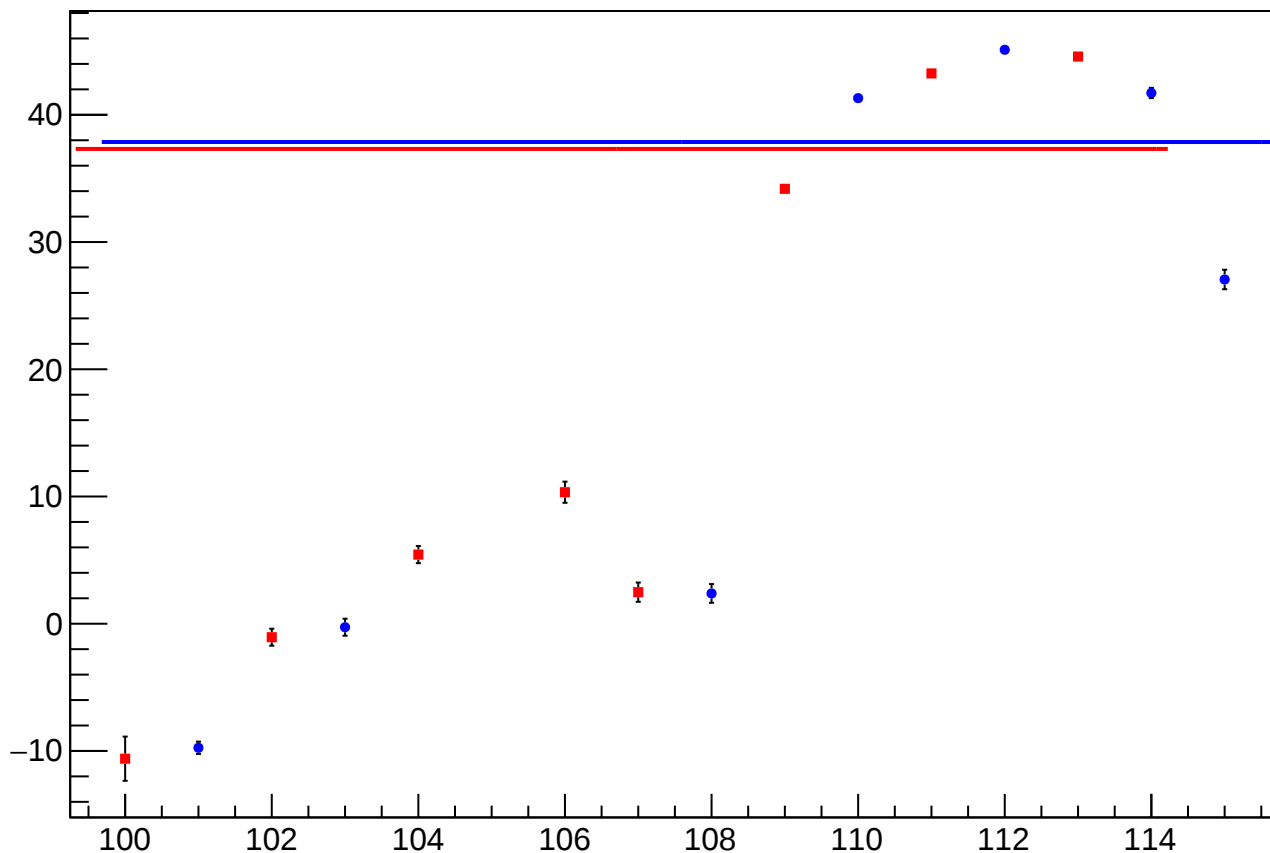
Right: -0.291+/-0.007 χ^2 /NDF: 2900.6/14

In: -0.338+/-0.010 χ^2 /NDF:977.8/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.291+/-0.007 χ^2 /NDF: 2900.6/14

reg_asym_sam8_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 37.862 $\pm$ 0.114 χ^2 /NDF: 17851.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 37.320 $\pm$ 0.093 χ^2 /NDF: 12666.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

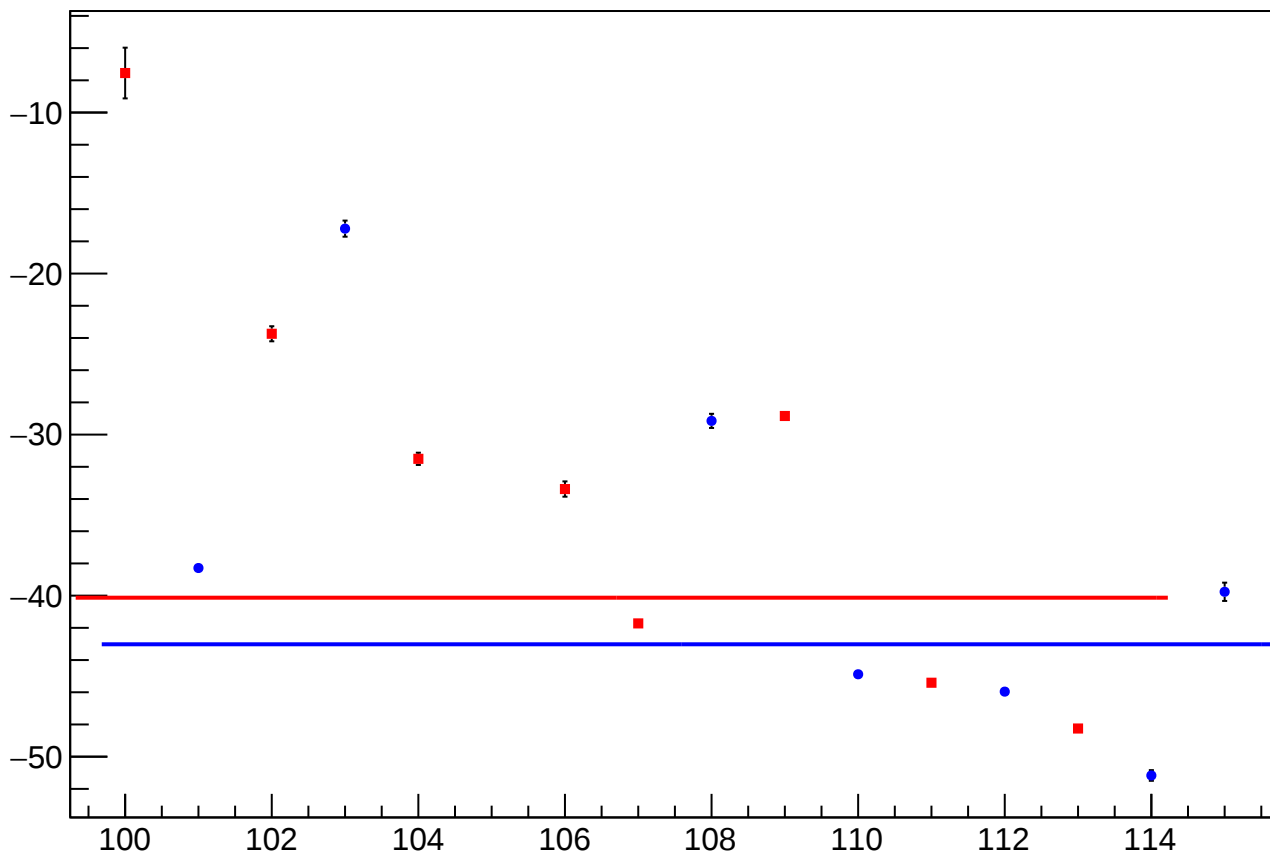
Right: 37.536 $\pm$ 0.072 χ^2 /NDF: 30531.5/14

In: 37.862 $\pm$ 0.114 χ^2 /NDF:17851.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 37.536 $\pm$ 0.072 χ^2 /NDF: 30531.5/14

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -43.021+/-0.092 χ^2/NDF : 5226.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.128+/-0.083 χ^2/NDF : 10482.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

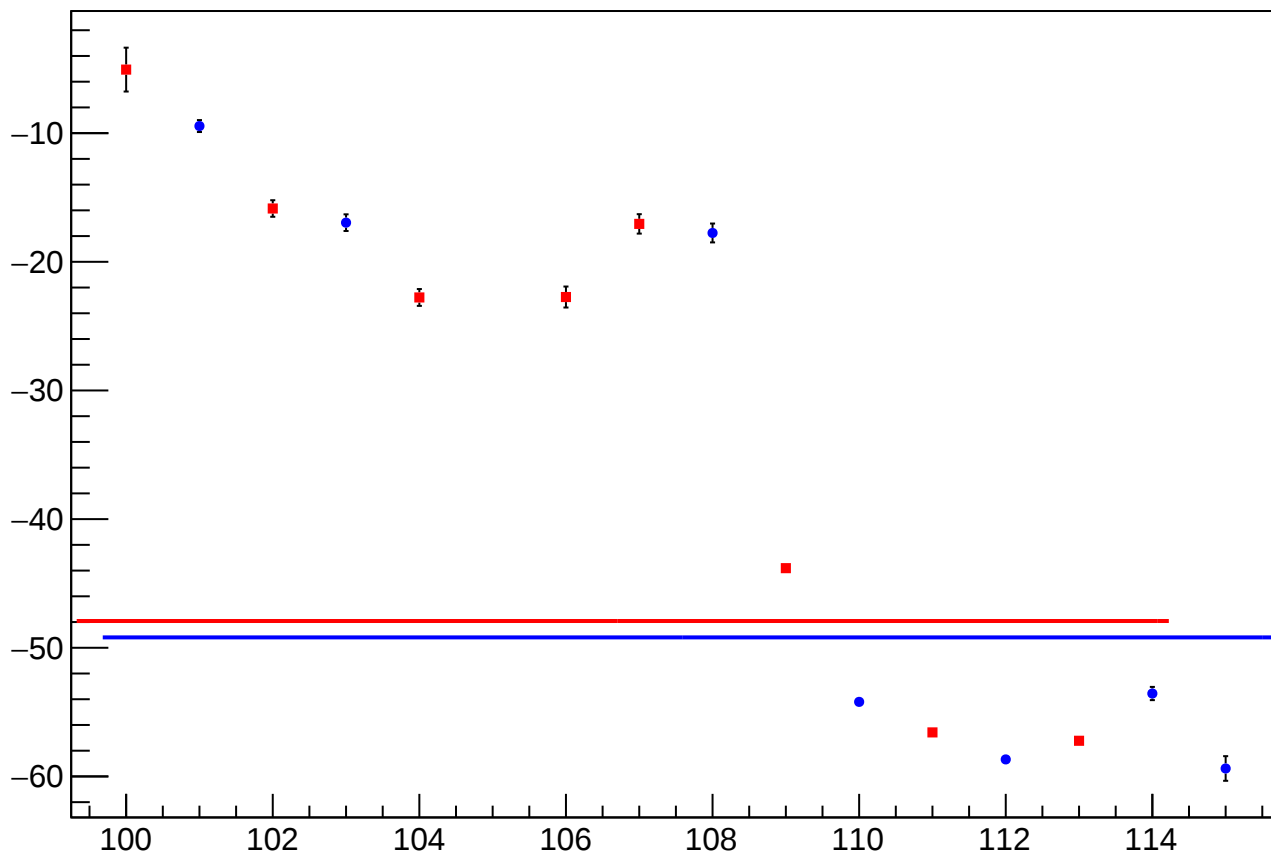
Right: -41.440+/-0.062 χ^2/NDF : 16254.9/14

In: -43.021+/-0.092 χ^2/NDF : 5226.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.440+/-0.062 χ^2/NDF : 16254.9/14

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -49.193 $\pm$ 0.139 χ^2 /NDF: 14257.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -47.919 $\pm$ 0.116 χ^2 /NDF: 10812.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

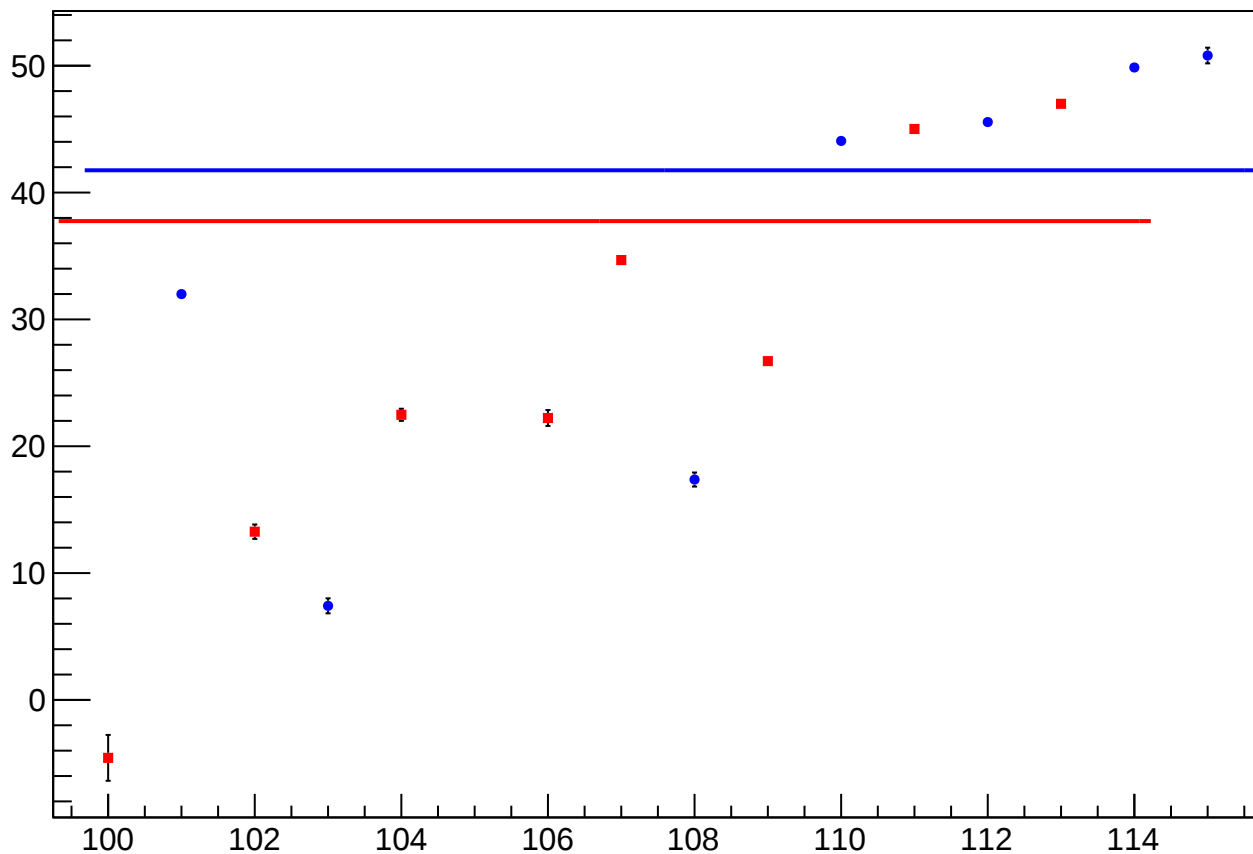
Right: -48.443 $\pm$ 0.089 χ^2 /NDF: 25119.6/14

In: -49.193 $\pm$ 0.139 χ^2 /NDF:14257.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -48.443 $\pm$ 0.089 χ^2 /NDF: 25119.6/14

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.756+/-0.102 χ^2/NDF : 7922.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.751+/-0.092 χ^2/NDF : 12690.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

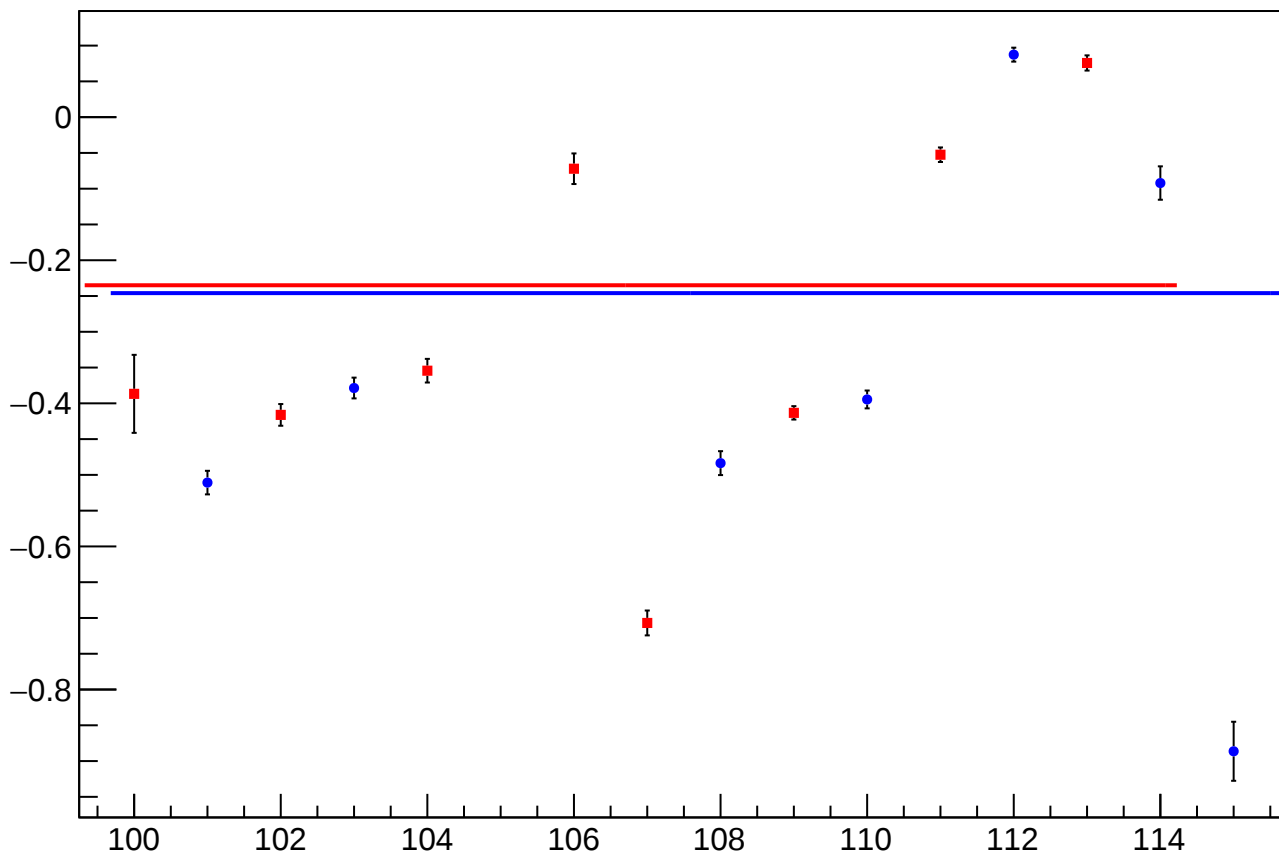
Right: 39.539+/-0.068 χ^2/NDF : 21460.4/14

In: 41.756+/-0.102 χ^2/NDF : 7922.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.539+/-0.068 χ^2/NDF : 21460.4/14

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.246+/-0.006 χ^2/NDF : 2138.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.235+/-0.005 χ^2/NDF : 2536.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

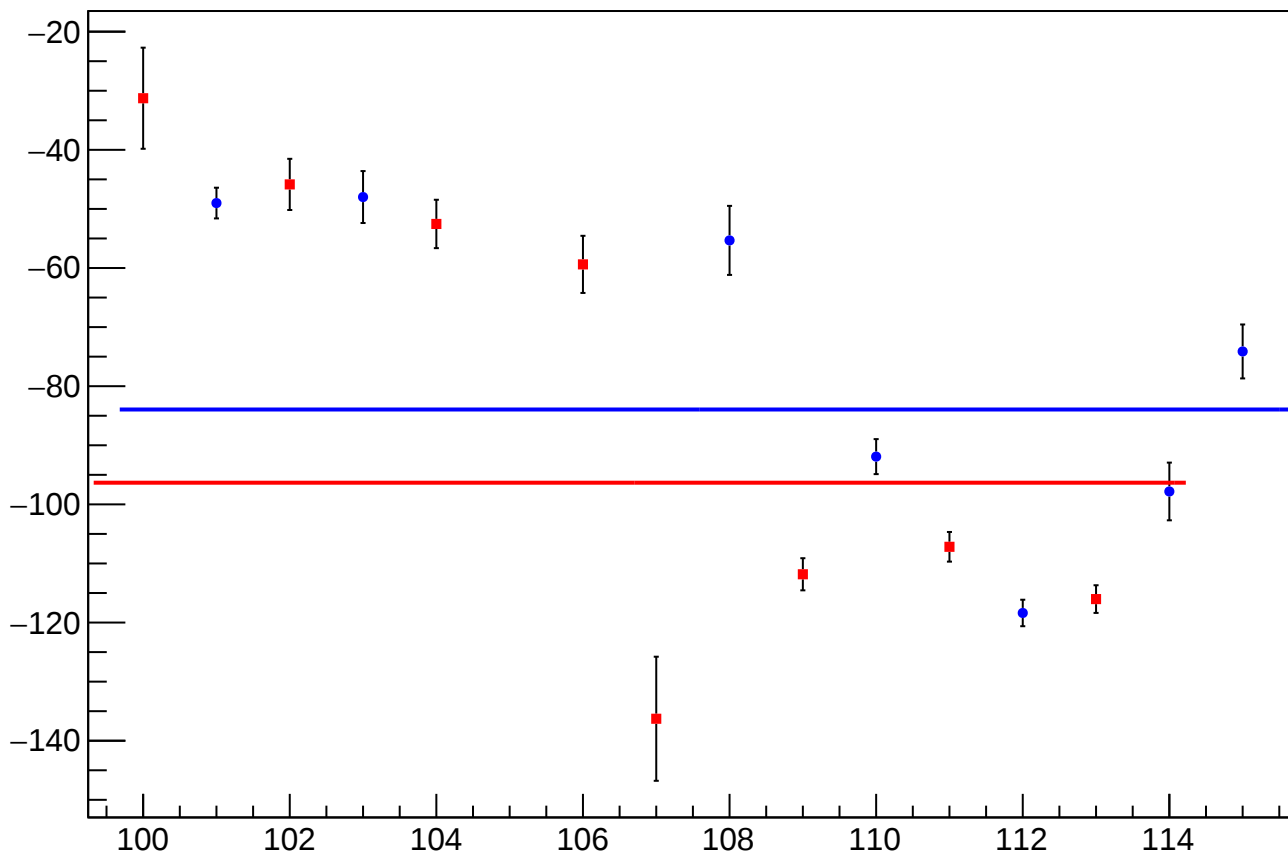
Right: -0.240+/-0.004 χ^2/NDF : 4676.8/14

In: -0.246+/-0.006 χ^2/NDF : 2138.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.240+/-0.004 χ^2/NDF : 4676.8/14

reg_asym_usl_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -83.945+/-1.258 χ^2/NDF : 527.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -96.333+/-1.236 χ^2/NDF : 502.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

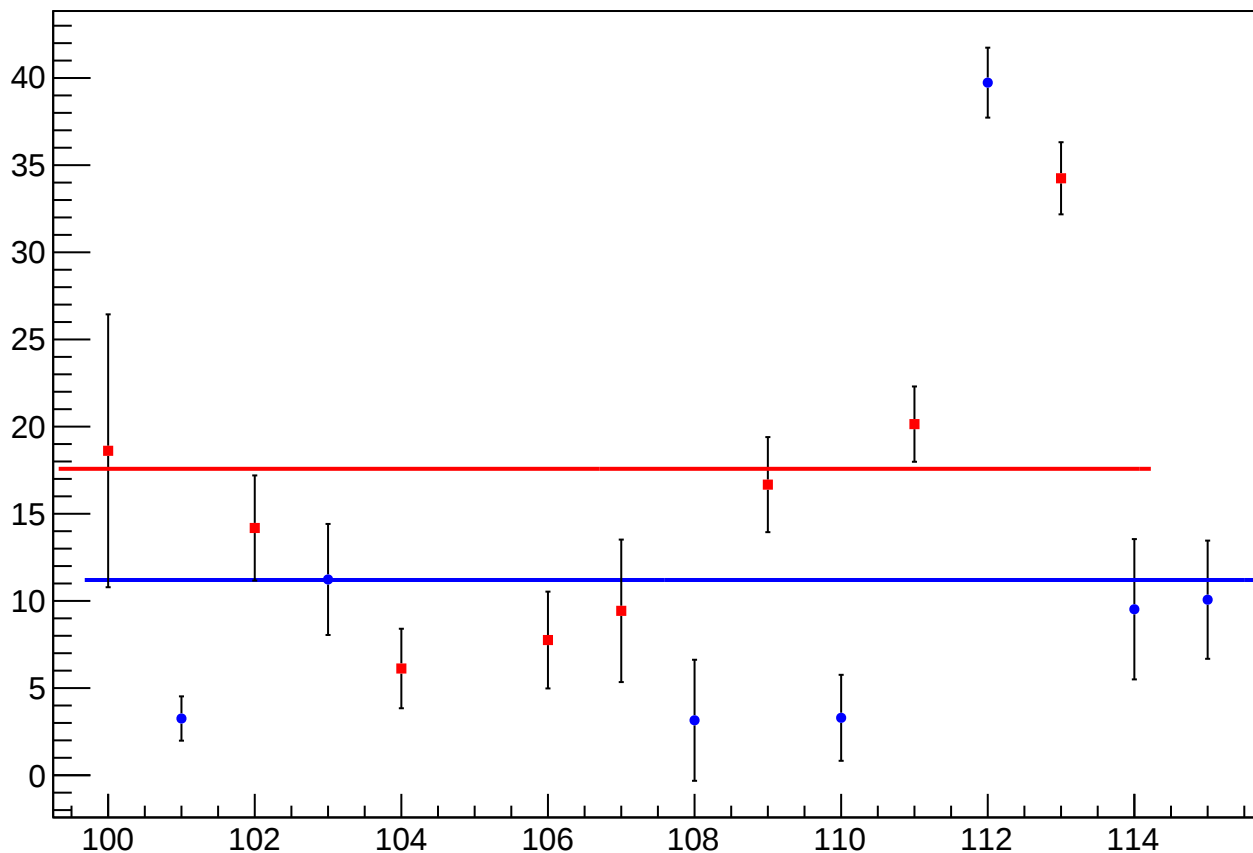
Right: -90.249+/-0.881 χ^2/NDF : 1079.8/14

In: -83.945+/-1.258 χ^2/NDF : 527.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -90.249+/-0.881 χ^2/NDF : 1079.8/14

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.201+/-0.857 χ^2/NDF : 257.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.579+/-0.958 χ^2/NDF : 109.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

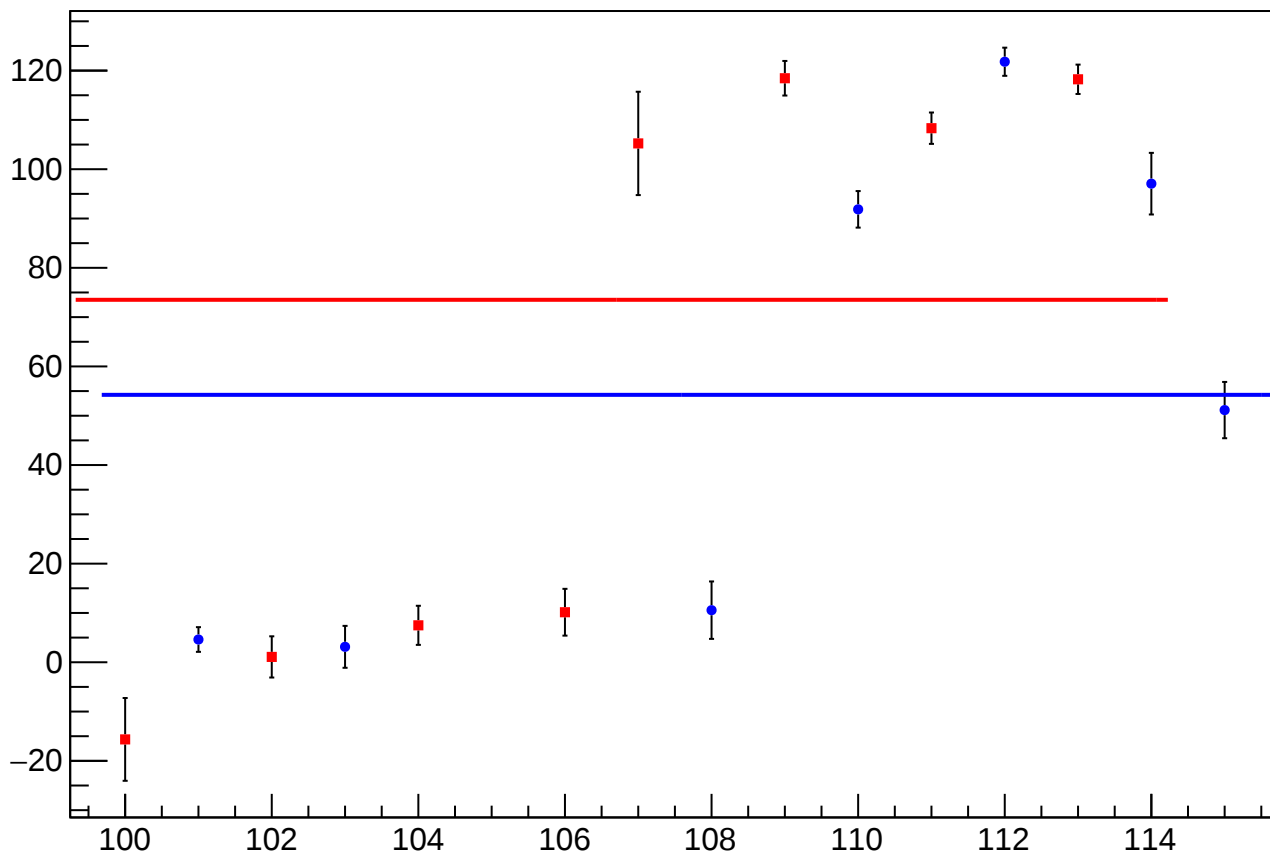
Right: 14.037+/-0.639 χ^2/NDF : 391.3/14

In: 11.201+/-0.857 χ^2/NDF : 257.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.037+/-0.639 χ^2/NDF : 391.3/14

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 54.237+/-1.420 χ^2/NDF : 1303.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.514+/-1.441 χ^2/NDF : 1387.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

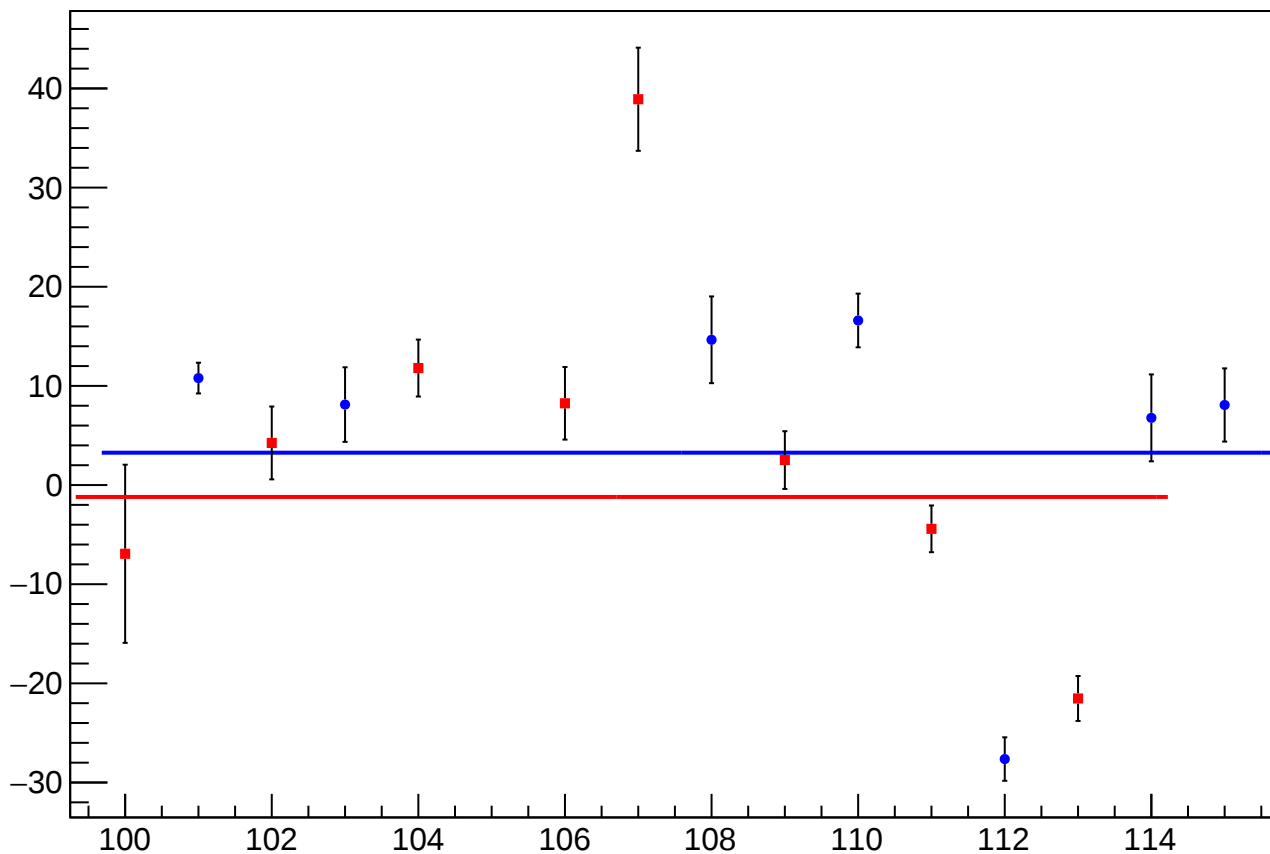
Right: 63.732+/-1.011 χ^2/NDF : 2782.2/14

In: 54.237+/-1.420 χ^2/NDF : 1303.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.732+/-1.011 χ^2/NDF : 2782.2/14

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.264+/-0.995 χ^2/NDF : 257.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.200+/-1.110 χ^2/NDF : 173.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

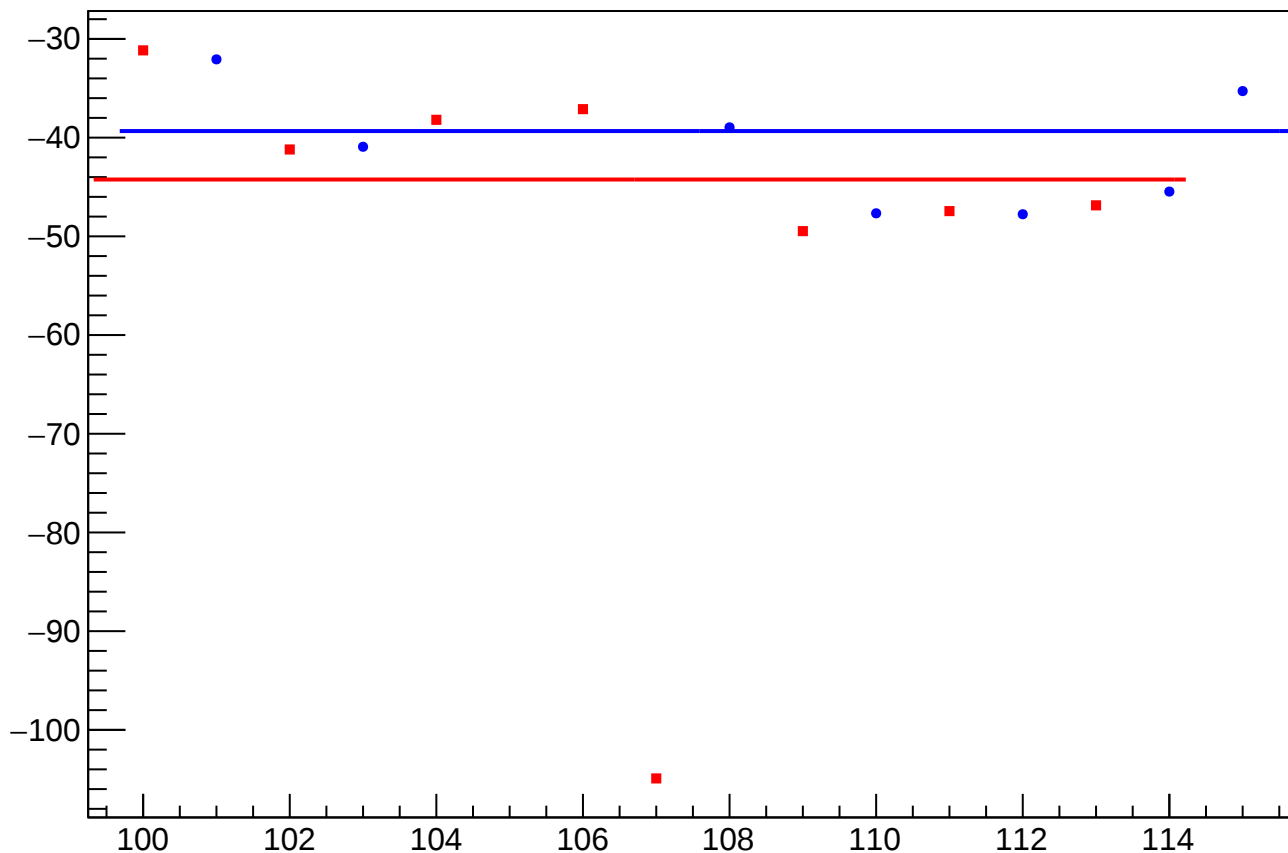
Right: 1.273+/-0.741 χ^2/NDF : 439.3/14

In: 3.264+/-0.995 χ^2/NDF : 257.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.273+/-0.741 χ^2/NDF : 439.3/14

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.334+/-0.050 χ^2/NDF : 13673.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -44.244+/-0.048 χ^2/NDF : 75640.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

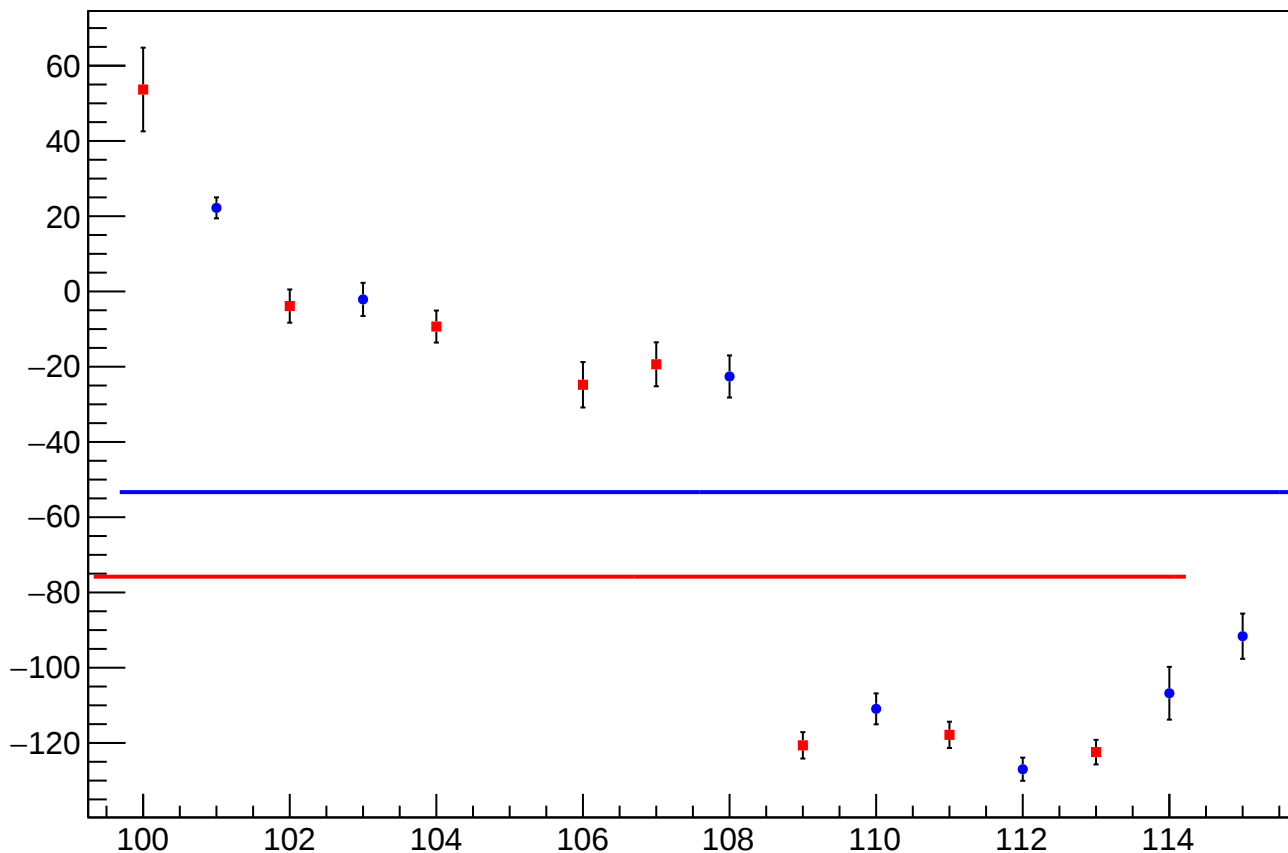
Right: -41.888+/-0.034 χ^2/NDF : 94407.6/14

In: -39.334+/-0.050 χ^2/NDF : 13673.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.888+/-0.034 χ^2/NDF : 94407.6/14

reg_asym_usr_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -53.333+/-1.534 χ^2/NDF : 1768.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -75.807+/-1.528 χ^2/NDF : 1321.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

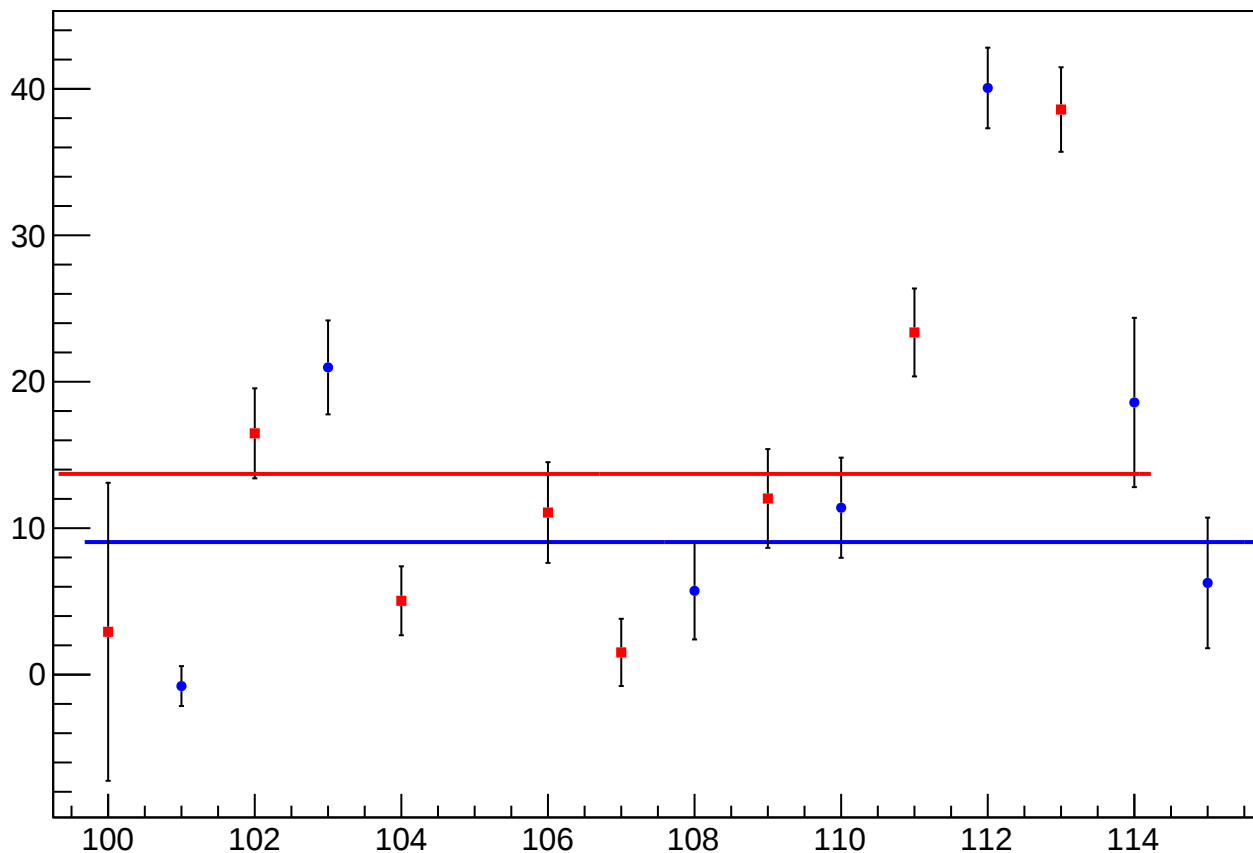
Right: -64.613+/-1.083 χ^2/NDF : 3197.0/14

In: -53.333+/-1.534 χ^2/NDF : 1768.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -64.613+/-1.083 χ^2/NDF : 3197.0/14

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.052 $\pm$ 0.988 χ^2 /NDF: 197.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 13.707 $\pm$ 1.060 χ^2 /NDF: 129.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

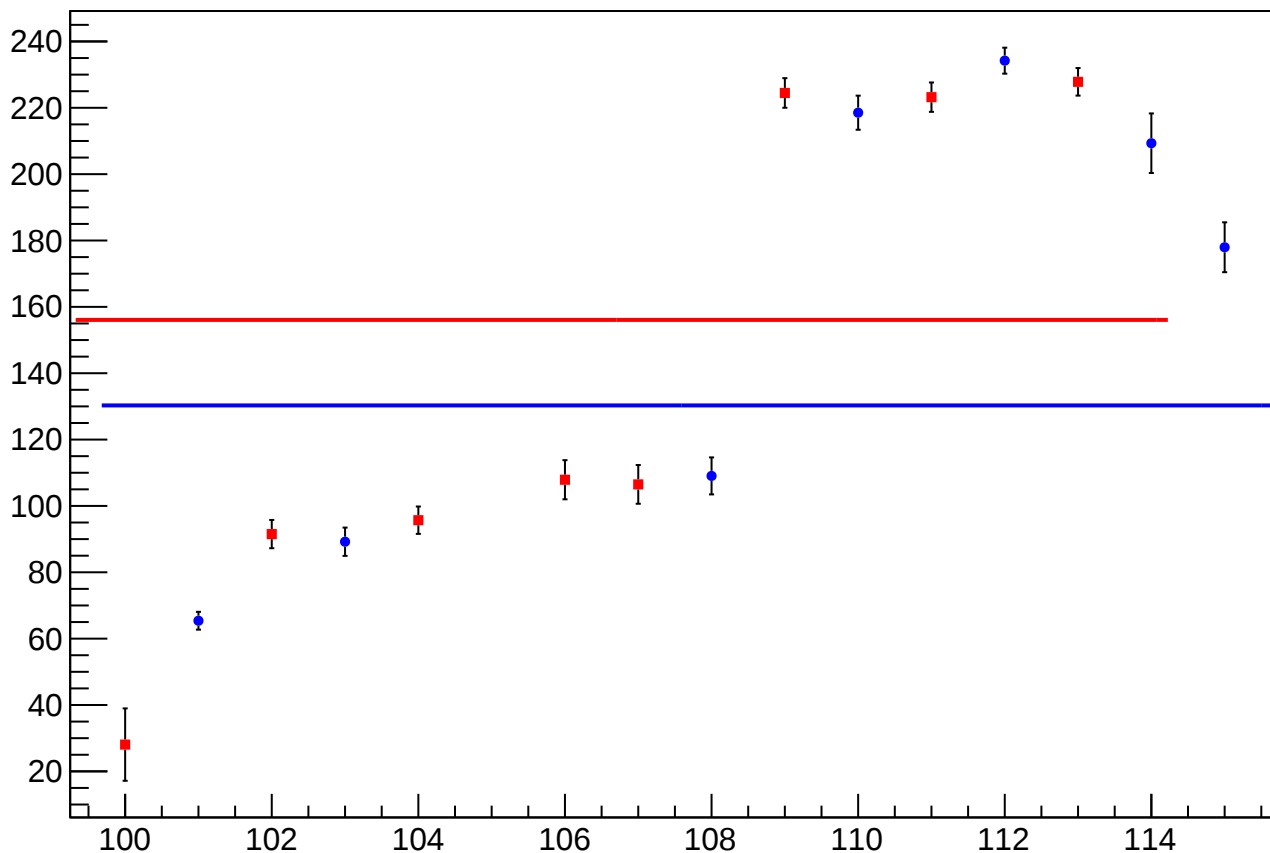
Right: 11.215 $\pm$ 0.723 χ^2 /NDF: 337.0/14

In: 9.052 $\pm$ 0.988 χ^2 /NDF:197.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 11.215 $\pm$ 0.723 χ^2 /NDF: 337.0/14

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 130.295+/-1.669 χ^2/NDF : 1807.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.071+/-1.716 χ^2/NDF : 1484.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

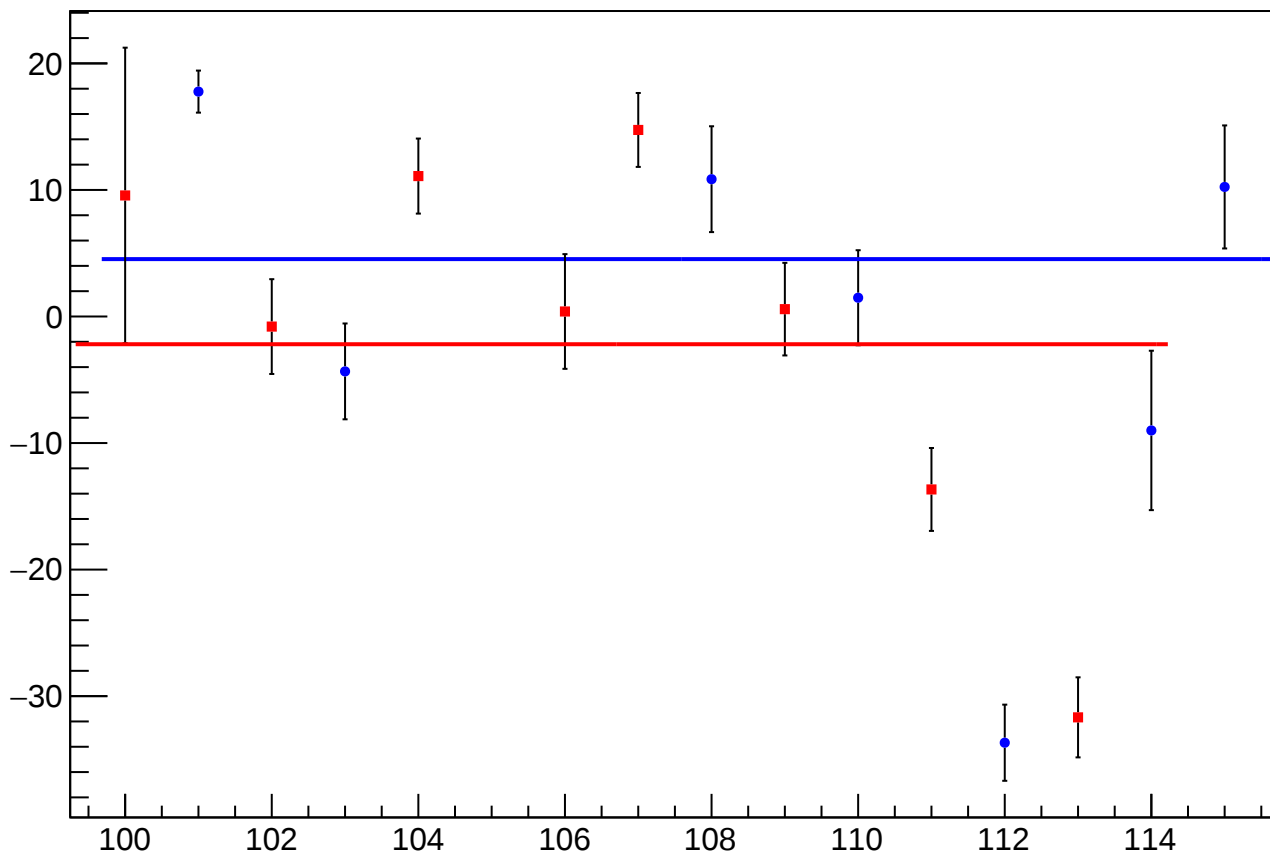
Right: 142.828+/-1.196 χ^2/NDF : 3407.8/14

In: 130.295+/-1.669 χ^2/NDF : 1807.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.828+/-1.196 χ^2/NDF : 3407.8/14

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.535+/-1.164 χ^2/NDF : 239.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.191+/-1.264 χ^2/NDF : 154.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

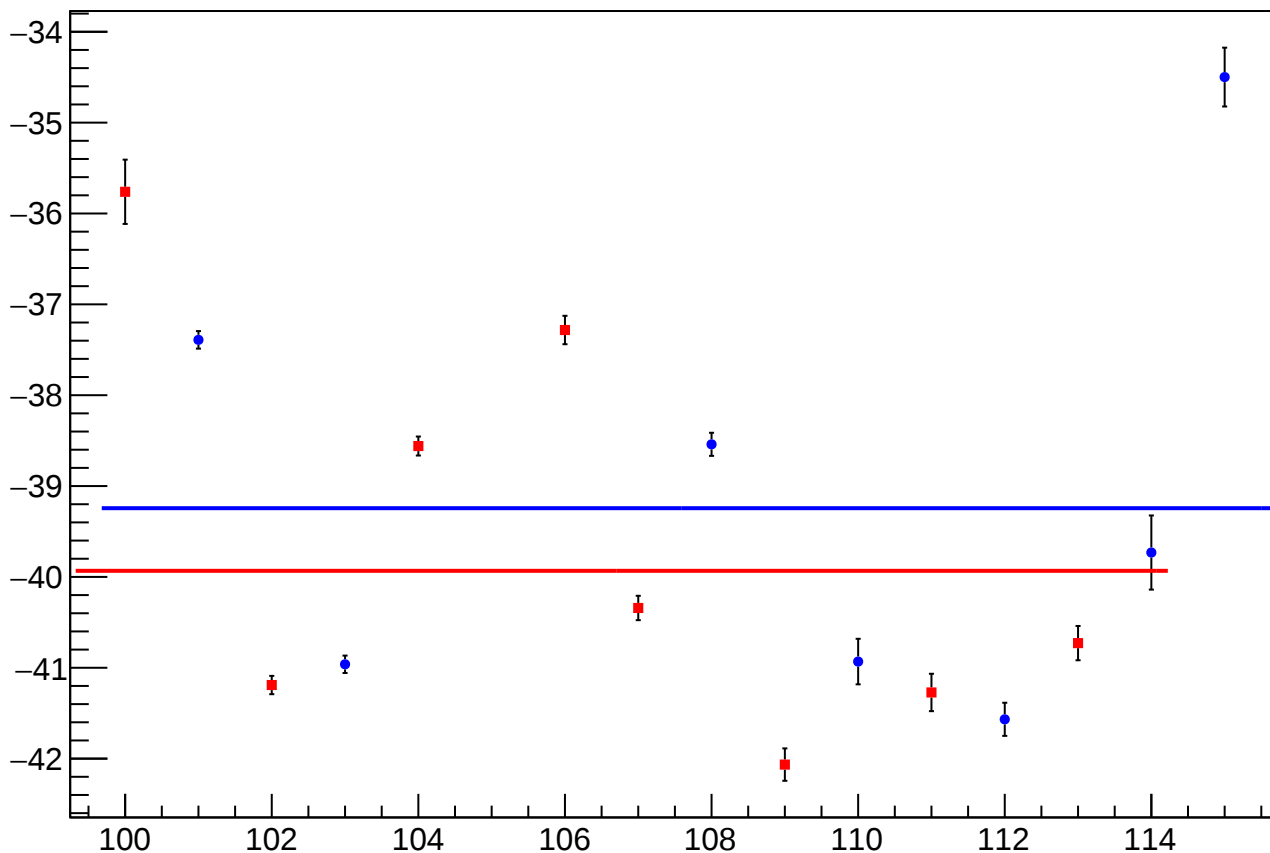
Right: 1.448+/-0.856 χ^2/NDF : 409.4/14

In: 4.535+/-1.164 χ^2/NDF : 239.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.448+/-0.856 χ^2/NDF : 409.4/14

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.244+/-0.054 χ^2/NDF : 1145.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -39.933+/-0.051 χ^2/NDF : 967.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

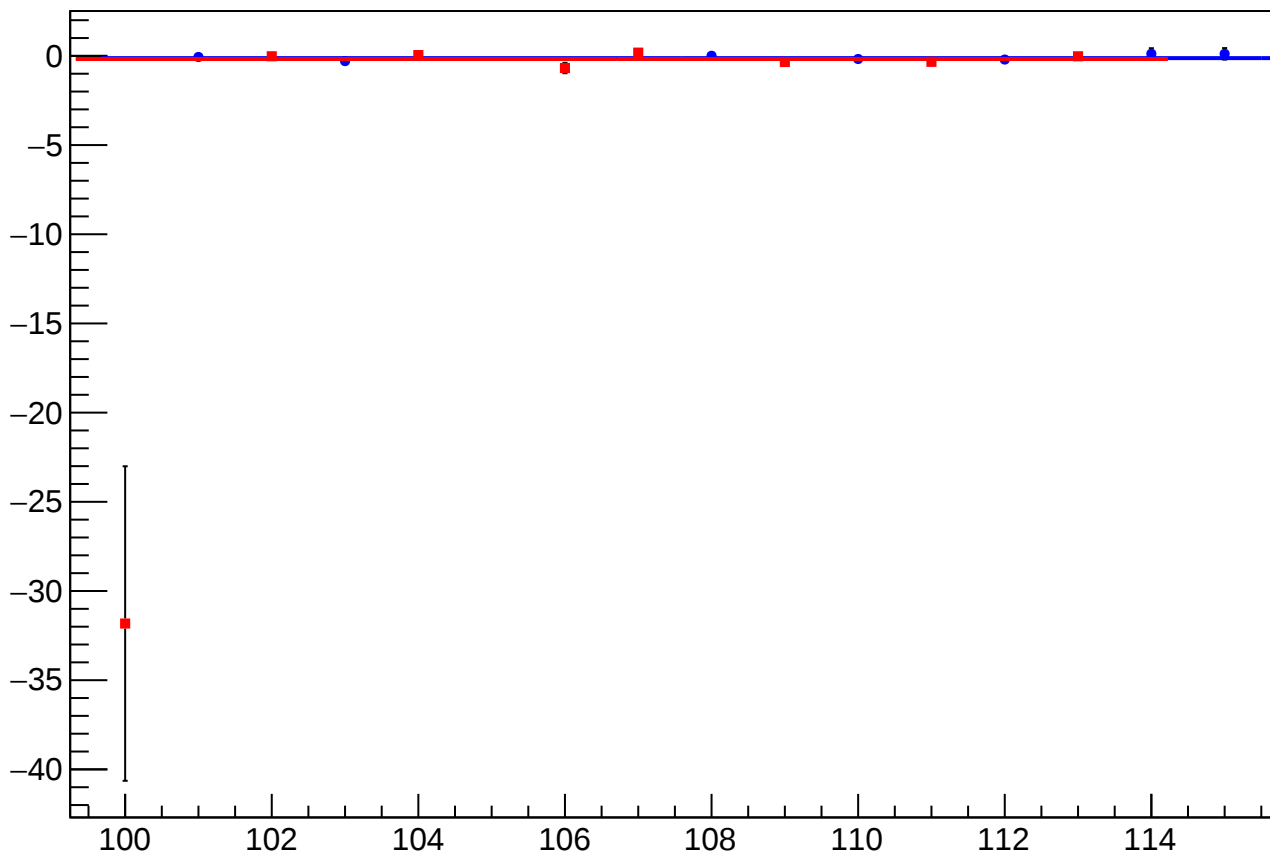
Right: -39.606+/-0.037 χ^2/NDF : 2197.8/14

In: -39.244+/-0.054 χ^2/NDF : 1145.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.606+/-0.037 χ^2/NDF : 2197.8/14

reg_asym_dsl_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.125+/-0.072 χ^2/NDF : 2.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.174+/-0.070 χ^2/NDF : 22.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

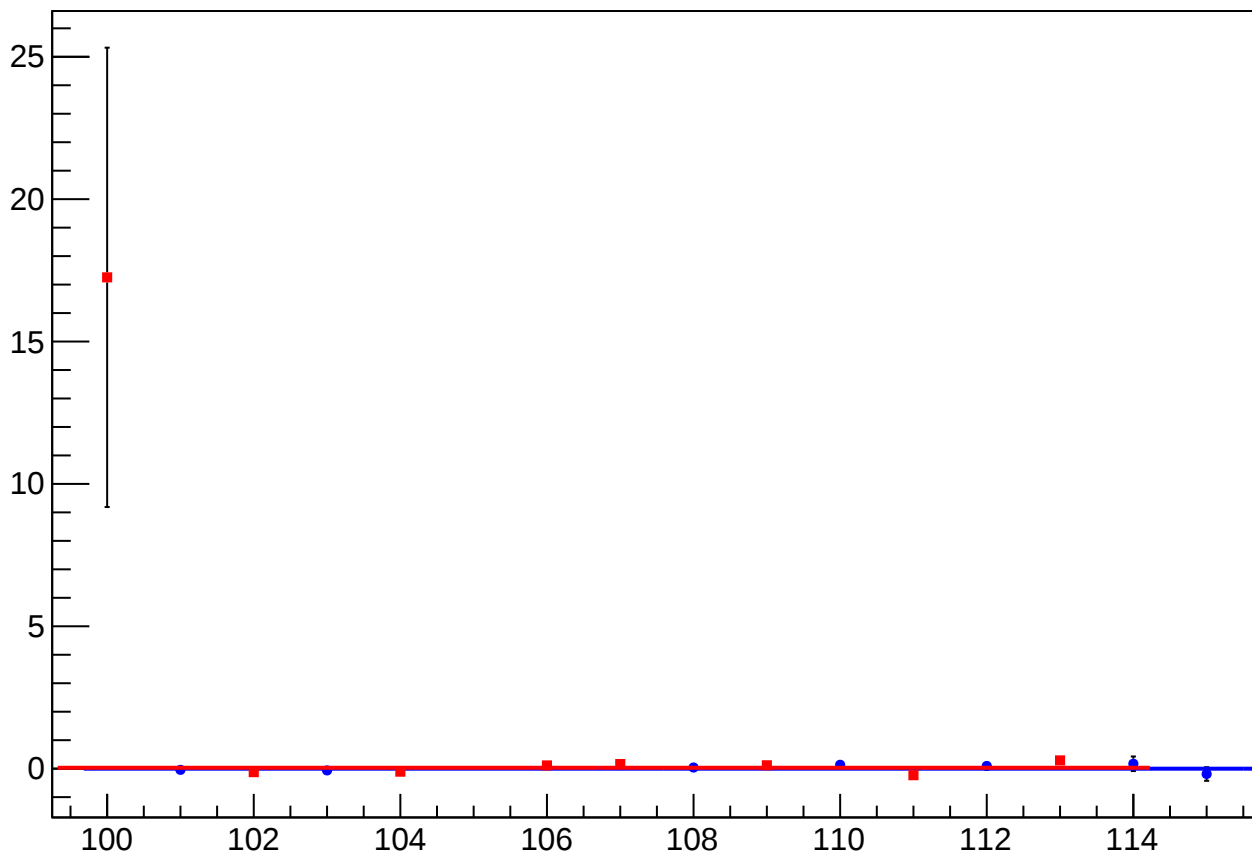
Right: -0.150+/-0.050 χ^2/NDF : 25.6/14

In: -0.125+/-0.072 χ^2/NDF : 2.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.150+/-0.050 χ^2/NDF : 25.6/14

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.001+/-0.047 χ^2/NDF : 3.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.031+/-0.050 χ^2/NDF : 16.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

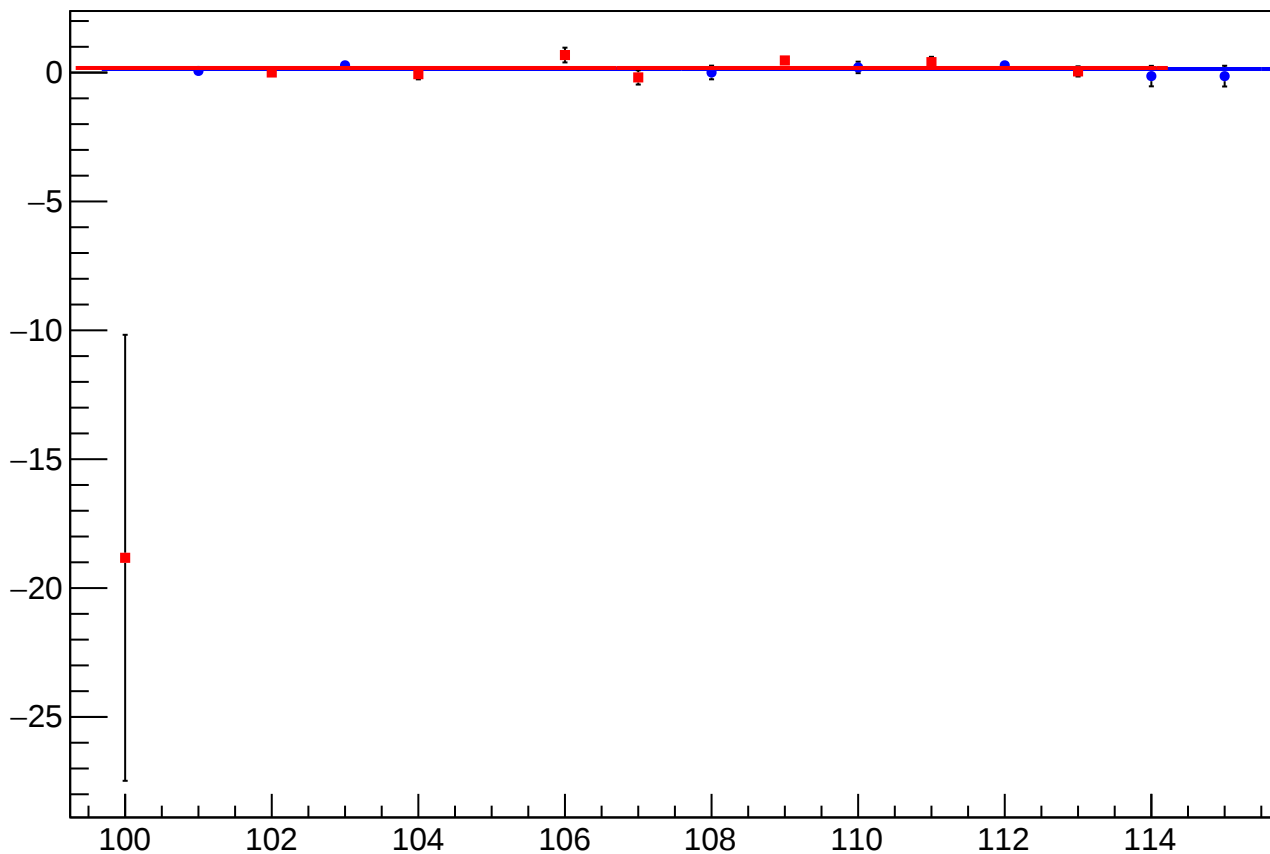
Right: 0.014+/-0.034 χ^2/NDF : 19.6/14

In: -0.001+/-0.047 χ^2/NDF : 3.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.034 χ^2/NDF : 19.6/14

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.139+/-0.078 χ^2/NDF : 2.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.179+/-0.080 χ^2/NDF : 16.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

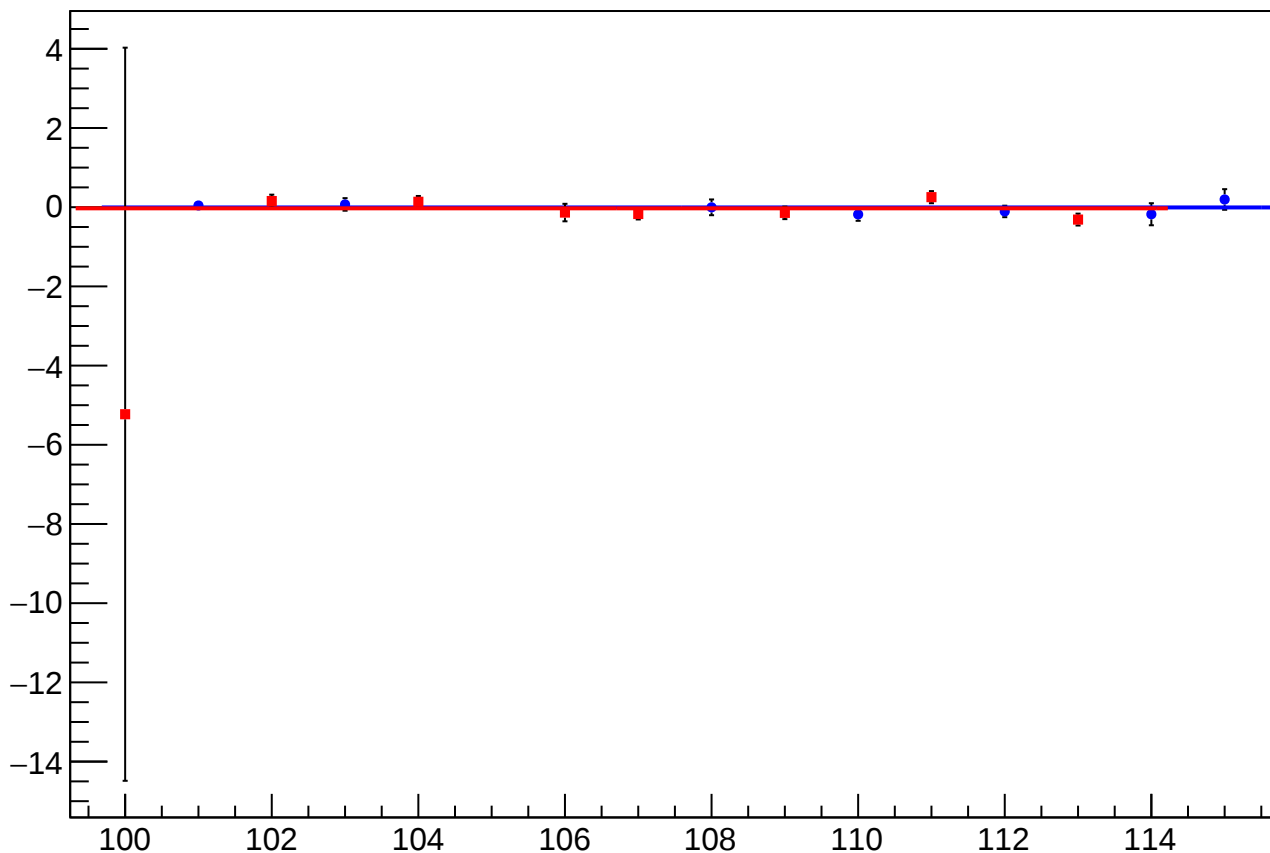
Right: 0.158+/-0.056 χ^2/NDF : 19.0/14

In: 0.139+/-0.078 χ^2/NDF : 2.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.158+/-0.056 χ^2/NDF : 19.0/14

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.006+/-0.055 χ^2/NDF : 3.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.029+/-0.059 χ^2/NDF : 11.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

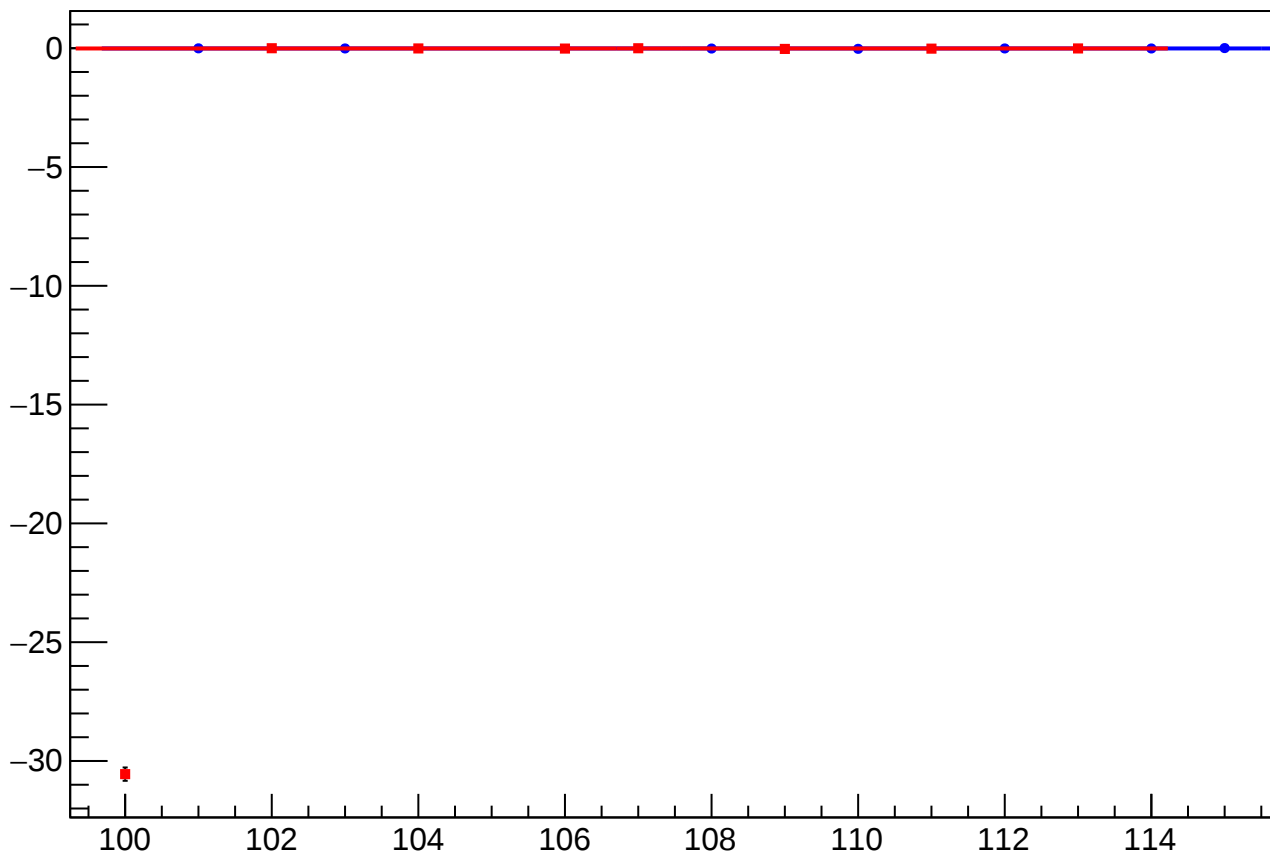
Right: -0.017+/-0.040 χ^2/NDF : 15.0/14

In: -0.006+/-0.055 χ^2/NDF : 3.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.017+/-0.040 χ^2/NDF : 15.0/14

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.010+/-0.002 χ^2/NDF : 4.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.002 χ^2/NDF : 11881.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

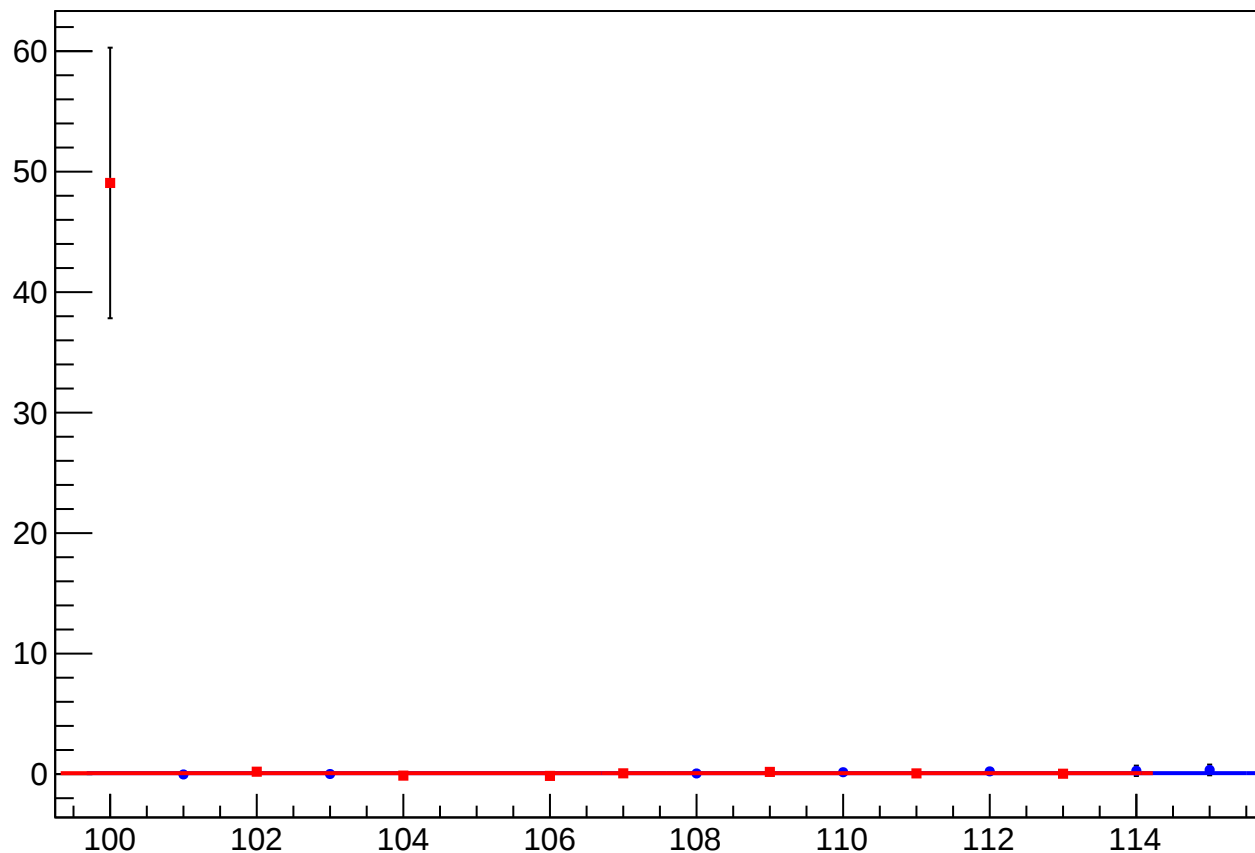
Right: -0.010+/-0.002 χ^2/NDF : 11885.8/14

In: -0.010+/-0.002 χ^2/NDF : 4.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.002 χ^2/NDF : 11885.8/14

reg_asym_dsr_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 0.079 $\pm$ 0.087 χ^2 /NDF: 1.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.076 $\pm$ 0.092 χ^2 /NDF: 20.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

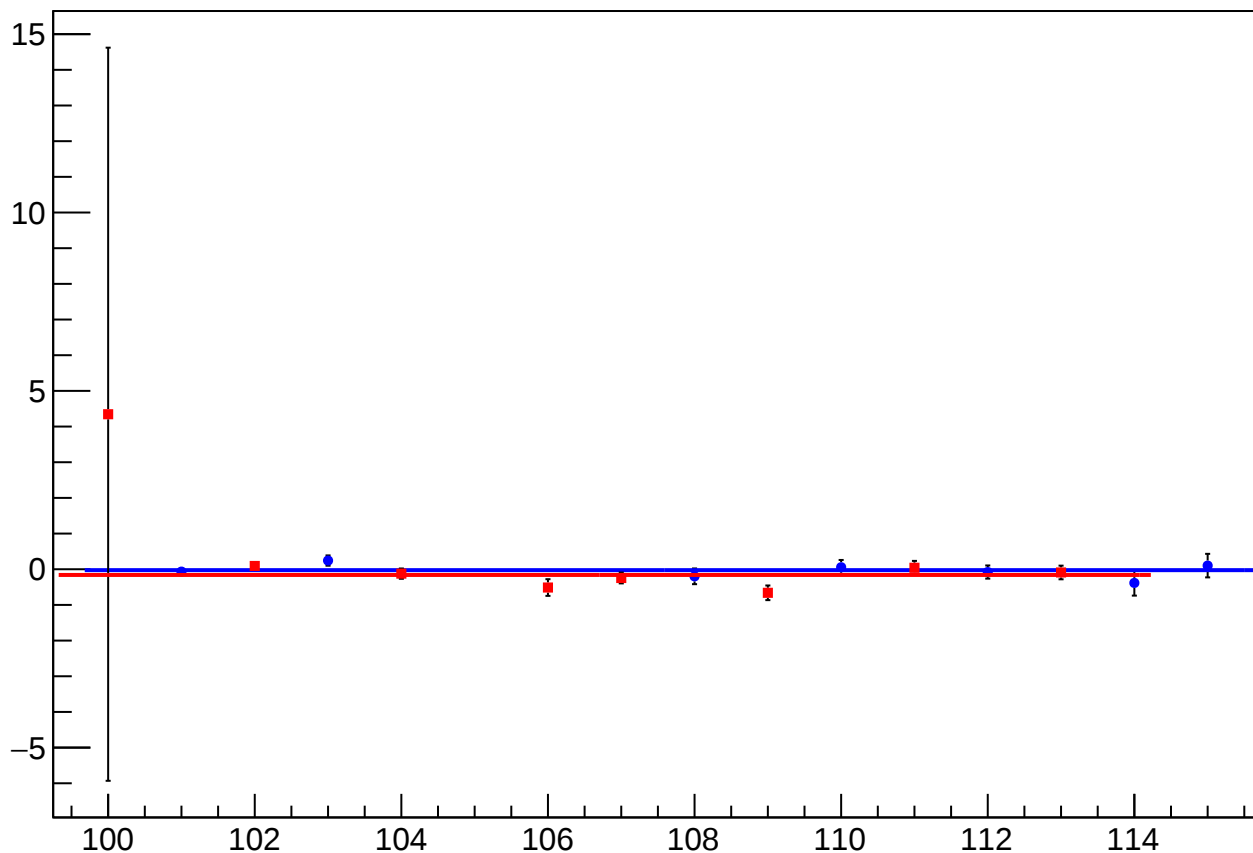
Right: 0.078 $\pm$ 0.063 χ^2 /NDF: 22.6/14

In: 0.079 $\pm$ 0.087 χ^2 /NDF:1.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.078 $\pm$ 0.063 χ^2 /NDF: 22.6/14

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.025+/-0.054 χ^2/NDF : 5.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.160+/-0.065 χ^2/NDF : 13.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

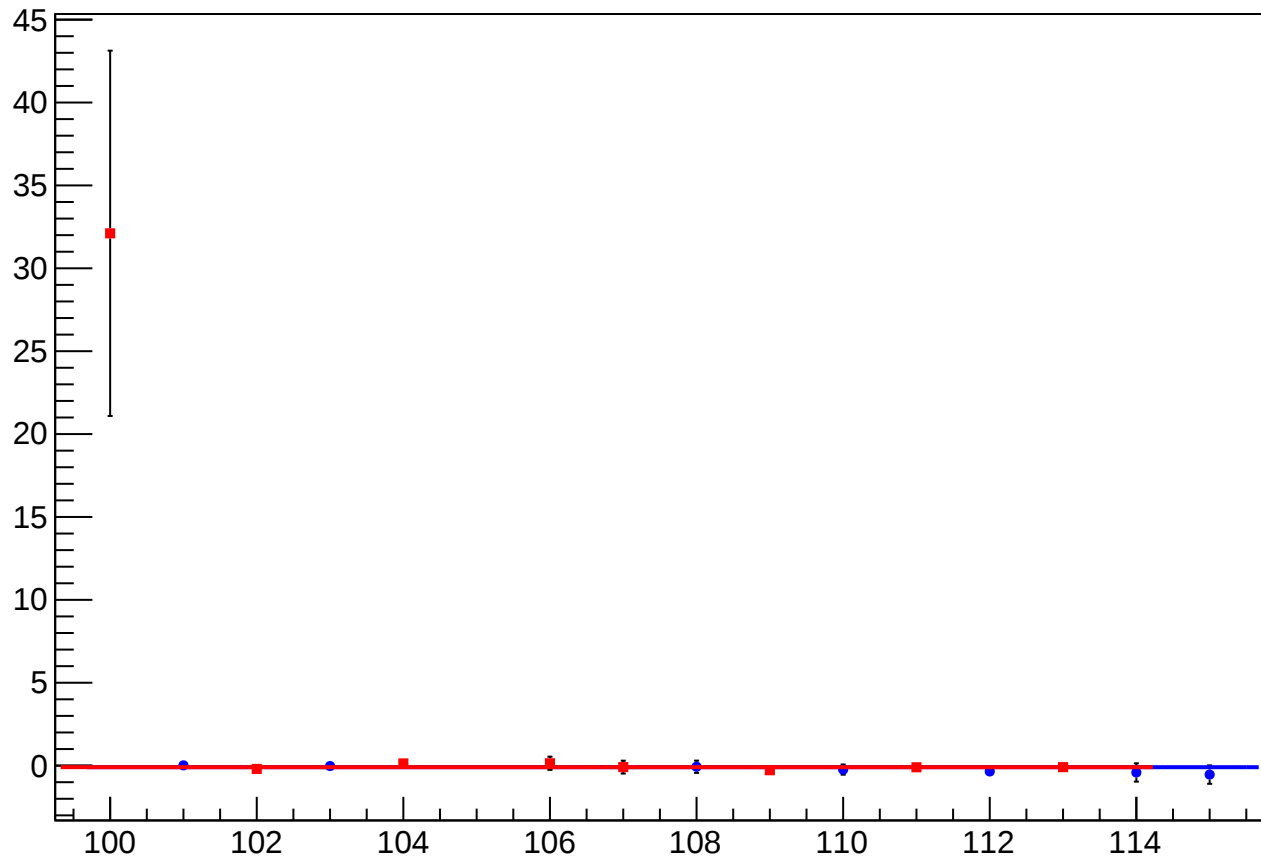
Right: -0.081+/-0.042 χ^2/NDF : 21.6/14

In: -0.025+/-0.054 χ^2/NDF : 5.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.081+/-0.042 χ^2/NDF : 21.6/14

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.095+/-0.092 χ^2/NDF : 2.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.092+/-0.101 χ^2/NDF : 10.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

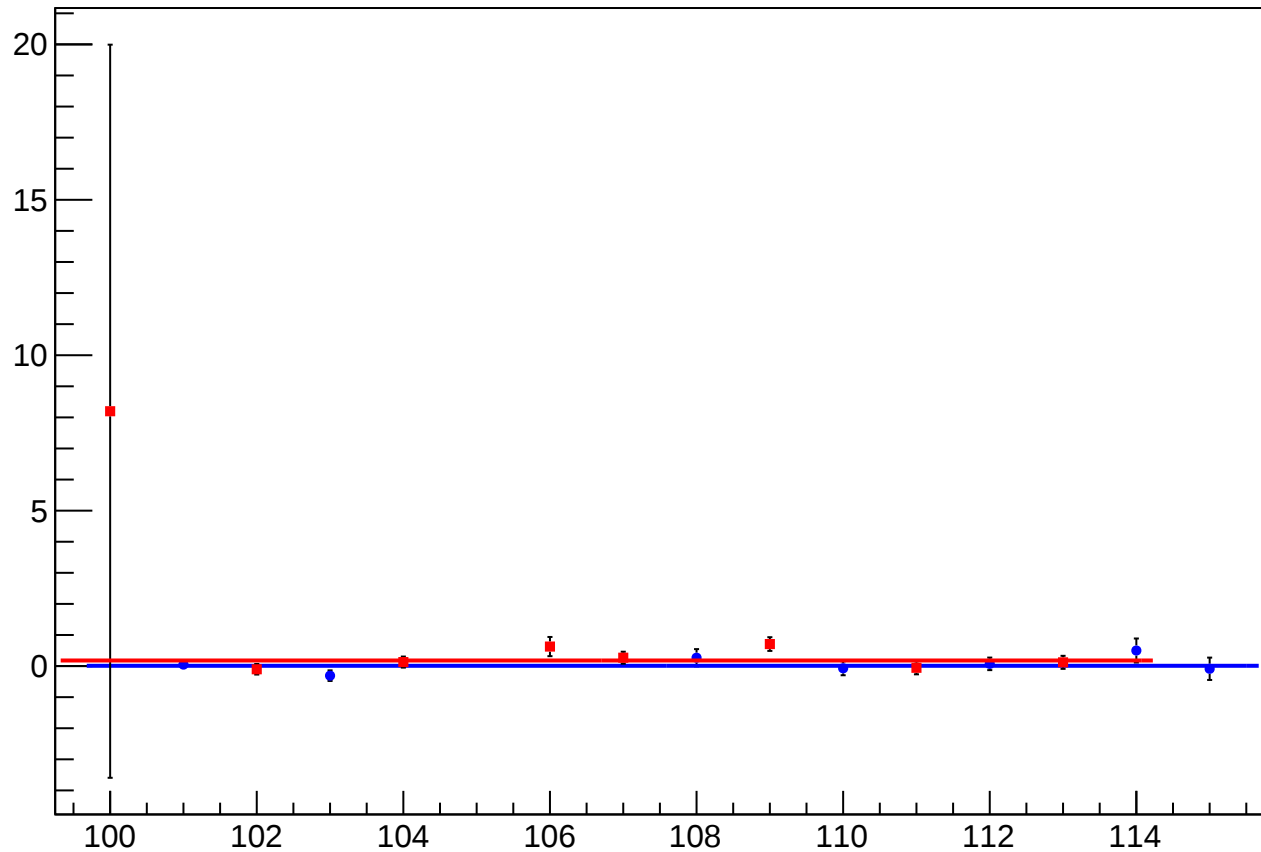
Right: -0.094+/-0.068 χ^2/NDF : 13.5/14

In: -0.095+/-0.092 χ^2/NDF : 2.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.094+/-0.068 χ^2/NDF : 13.5/14

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009+/-0.065 χ^2/NDF : 6.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.180+/-0.077 χ^2/NDF : 12.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

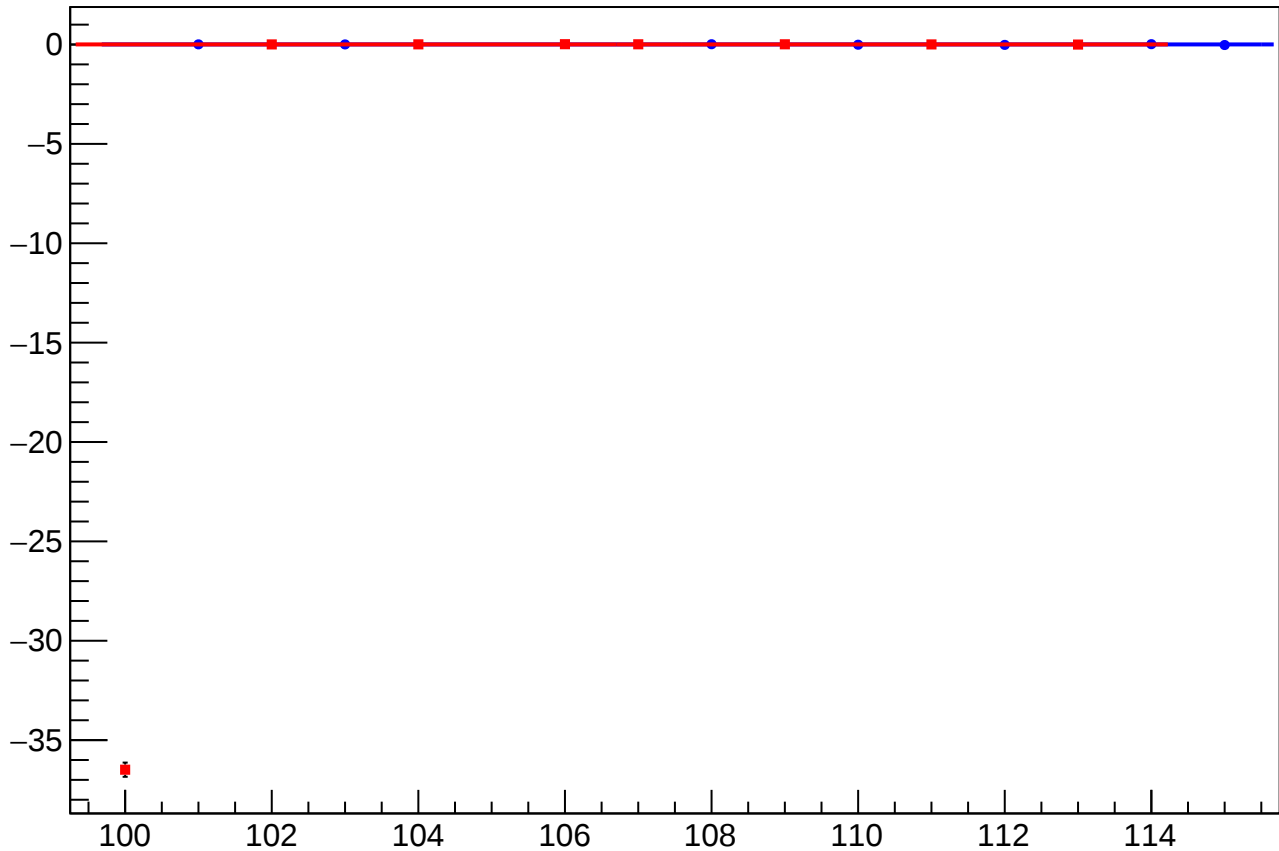
Right: 0.080+/-0.049 χ^2/NDF : 22.1/14

In: 0.009+/-0.065 χ^2/NDF : 6.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.080+/-0.049 χ^2/NDF : 22.1/14

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.003 χ^2 /NDF: 8.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.005 $\pm$ 0.003 χ^2 /NDF: 10433.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

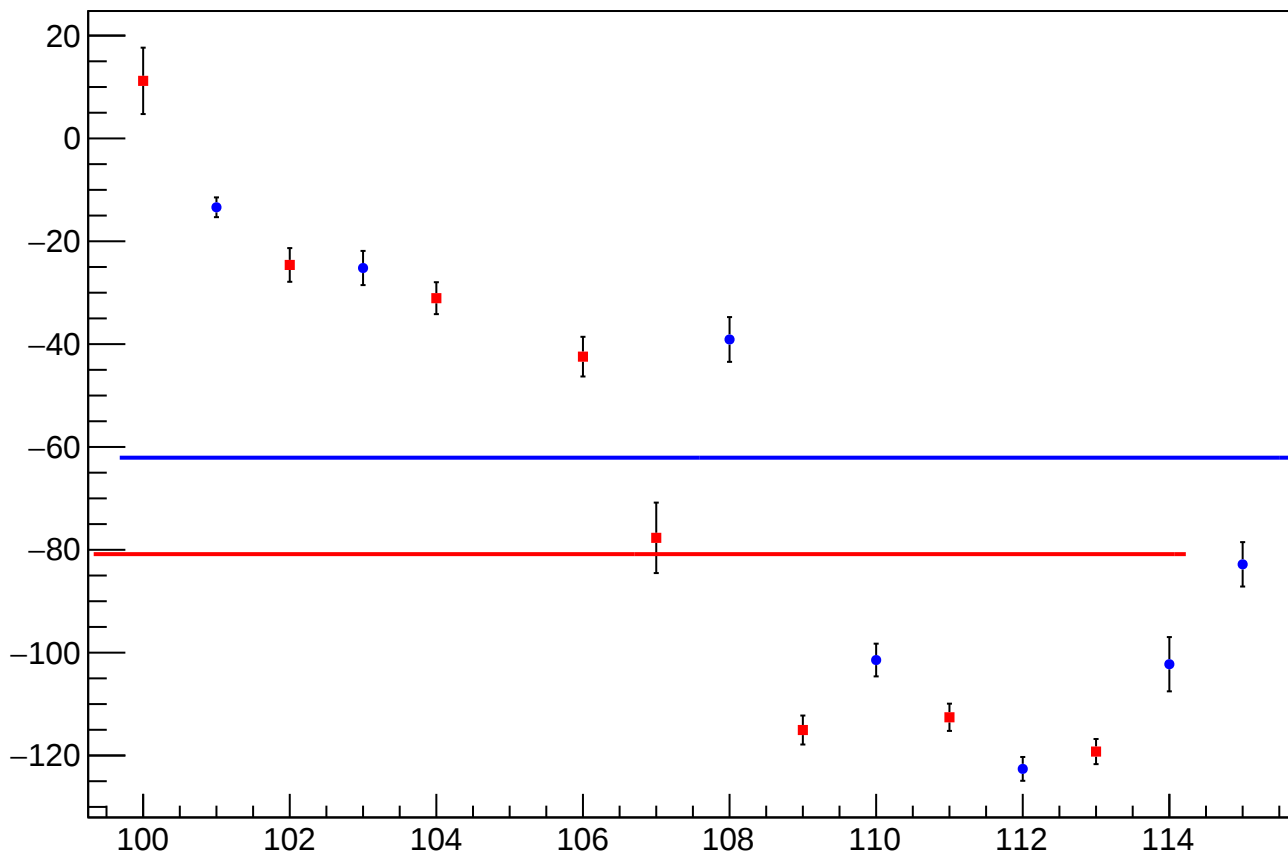
Right: 0.005 $\pm$ 0.002 χ^2 /NDF: 10441.4/14

In: 0.005 $\pm$ 0.003 χ^2 /NDF: 8.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.005 $\pm$ 0.002 χ^2 /NDF: 10441.4/14

reg_asym_us_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -62.084+/-1.126 χ^2/NDF : 1709.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -80.841+/-1.158 χ^2/NDF : 1391.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

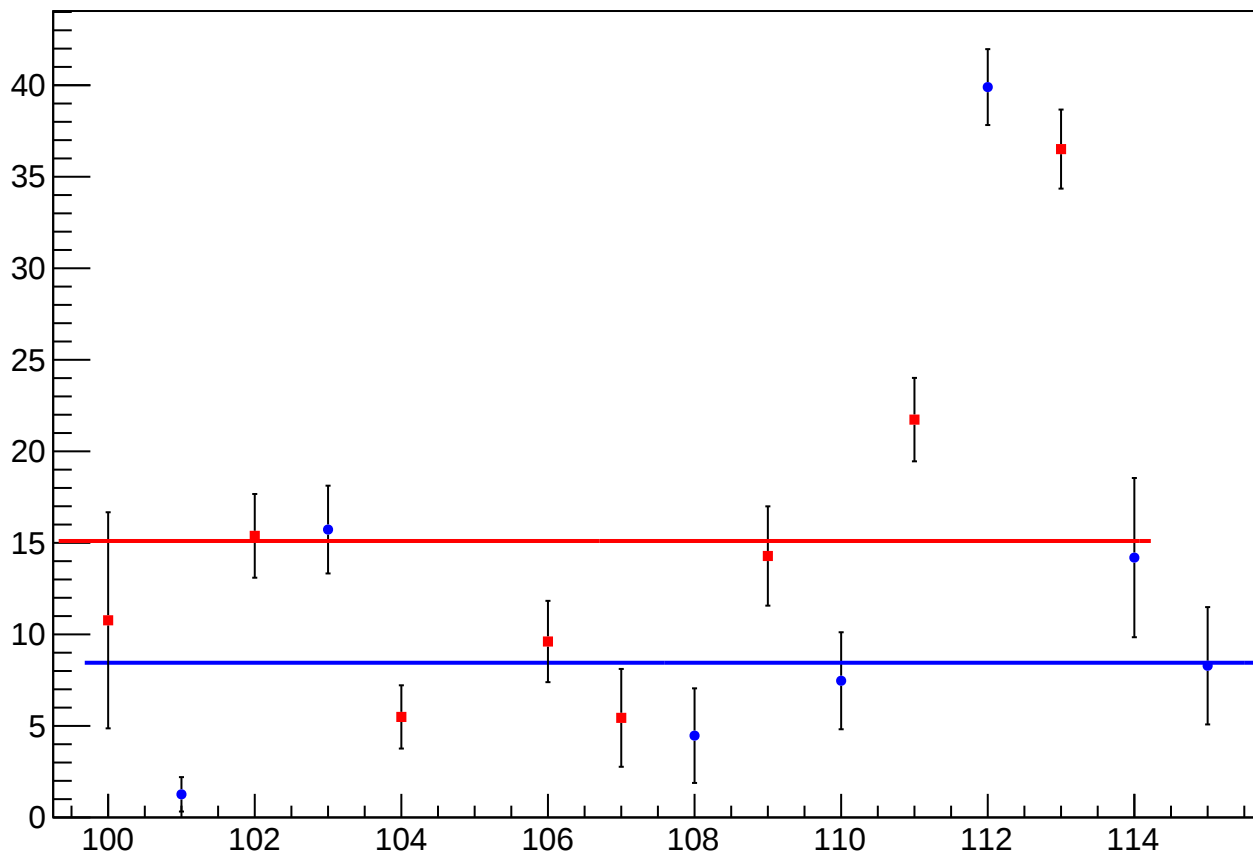
Right: -71.198+/-0.807 χ^2/NDF : 3235.9/14

In: -62.084+/-1.126 χ^2/NDF : 1709.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.198+/-0.807 χ^2/NDF : 3235.9/14

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.451+/-0.711 χ^2/NDF : 302.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.102+/-0.833 χ^2/NDF : 157.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

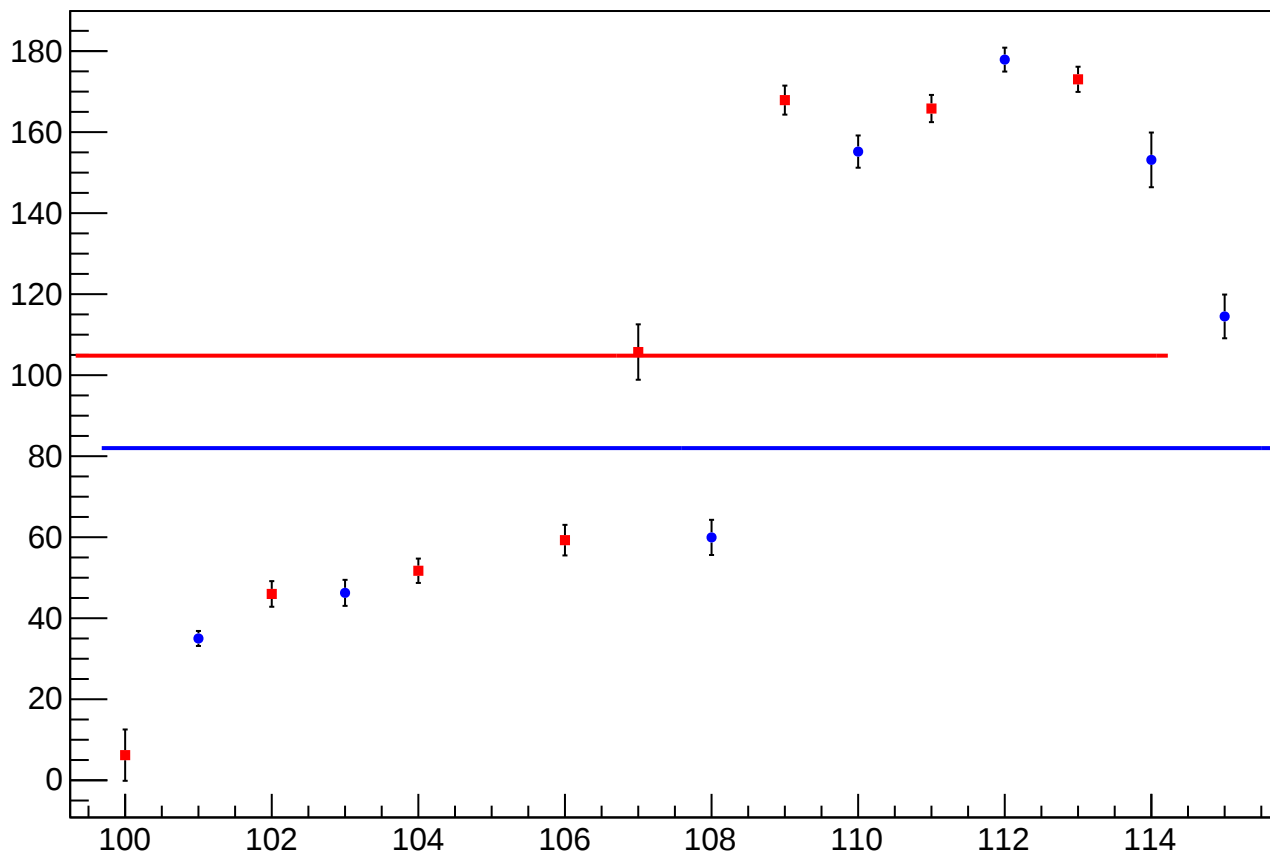
Right: 11.252+/-0.541 χ^2/NDF : 496.4/14

In: 8.451+/-0.711 χ^2/NDF : 302.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.252+/-0.541 χ^2/NDF : 496.4/14

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 81.997 $\pm$ 1.217 χ^2 /NDF: 2335.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 104.818 $\pm$ 1.294 χ^2 /NDF: 2168.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

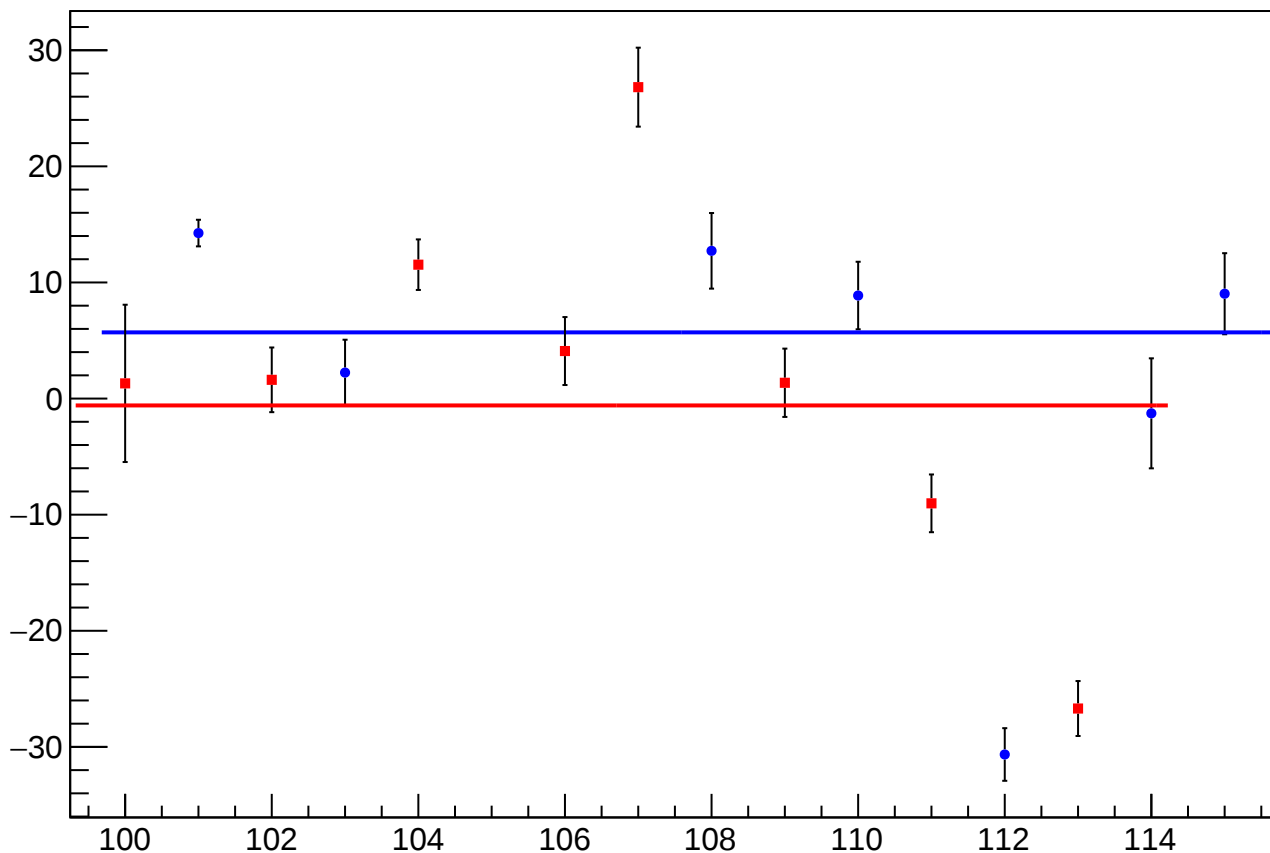
Right: 92.705 $\pm$ 0.886 χ^2 /NDF: 4668.9/14

In: 81.997 $\pm$ 1.217 χ^2 /NDF:2335.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 92.705 $\pm$ 0.886 χ^2 /NDF: 4668.9/14

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.701+/-0.839 χ^2/NDF : 323.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.592+/-0.990 χ^2/NDF : 232.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

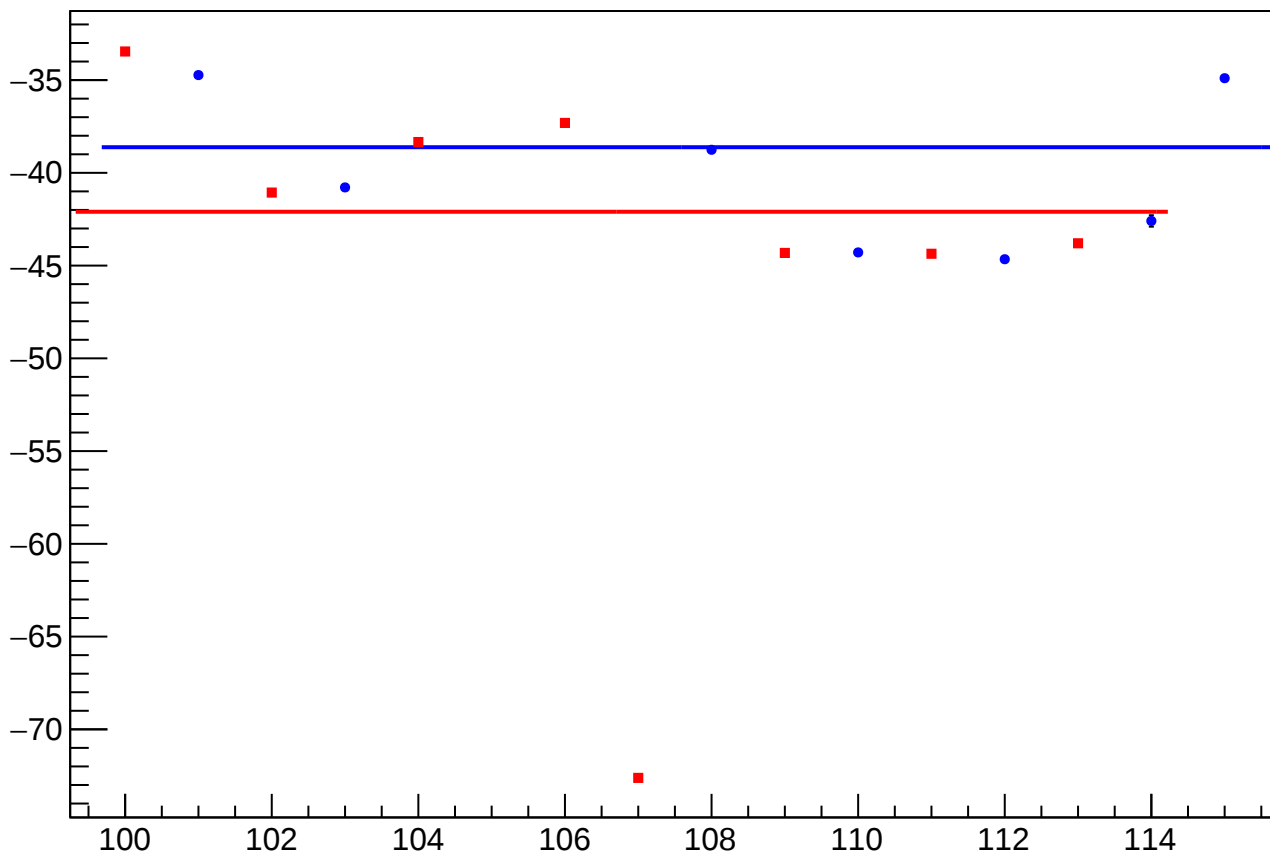
Right: 3.069+/-0.640 χ^2/NDF : 579.8/14

In: 5.701+/-0.839 χ^2/NDF : 323.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.069+/-0.640 χ^2/NDF : 579.8/14

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.618 $\pm$ 0.040 χ^2 /NDF: 7523.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -42.098 $\pm$ 0.039 χ^2 /NDF: 44958.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

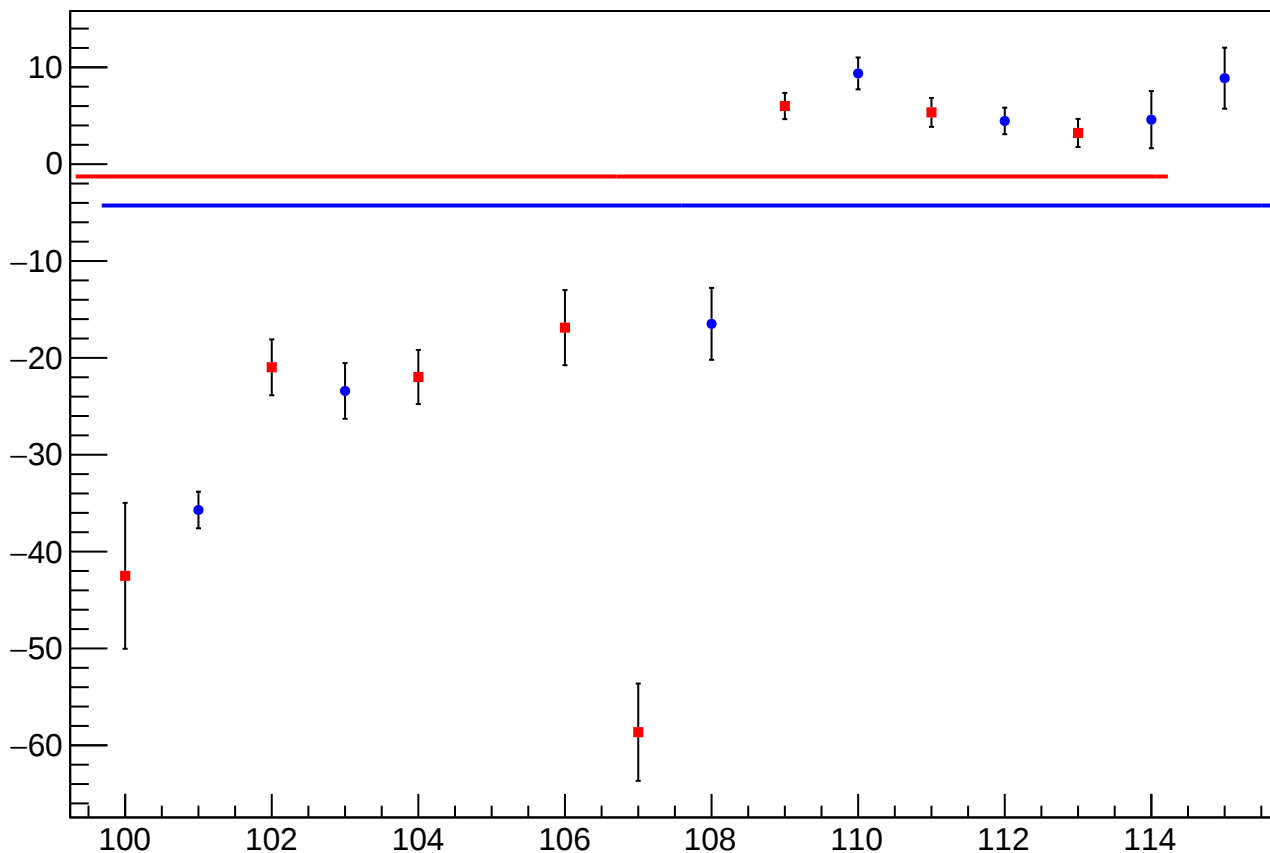
Right: -40.396 $\pm$ 0.028 χ^2 /NDF: 56366.4/14

In: -38.618 $\pm$ 0.040 χ^2 /NDF: 7523.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -40.396 $\pm$ 0.028 χ^2 /NDF: 56366.4/14

reg_asym_us_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -4.266+/-0.793 χ^2/NDF : 467.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.271+/-0.737 χ^2/NDF : 336.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

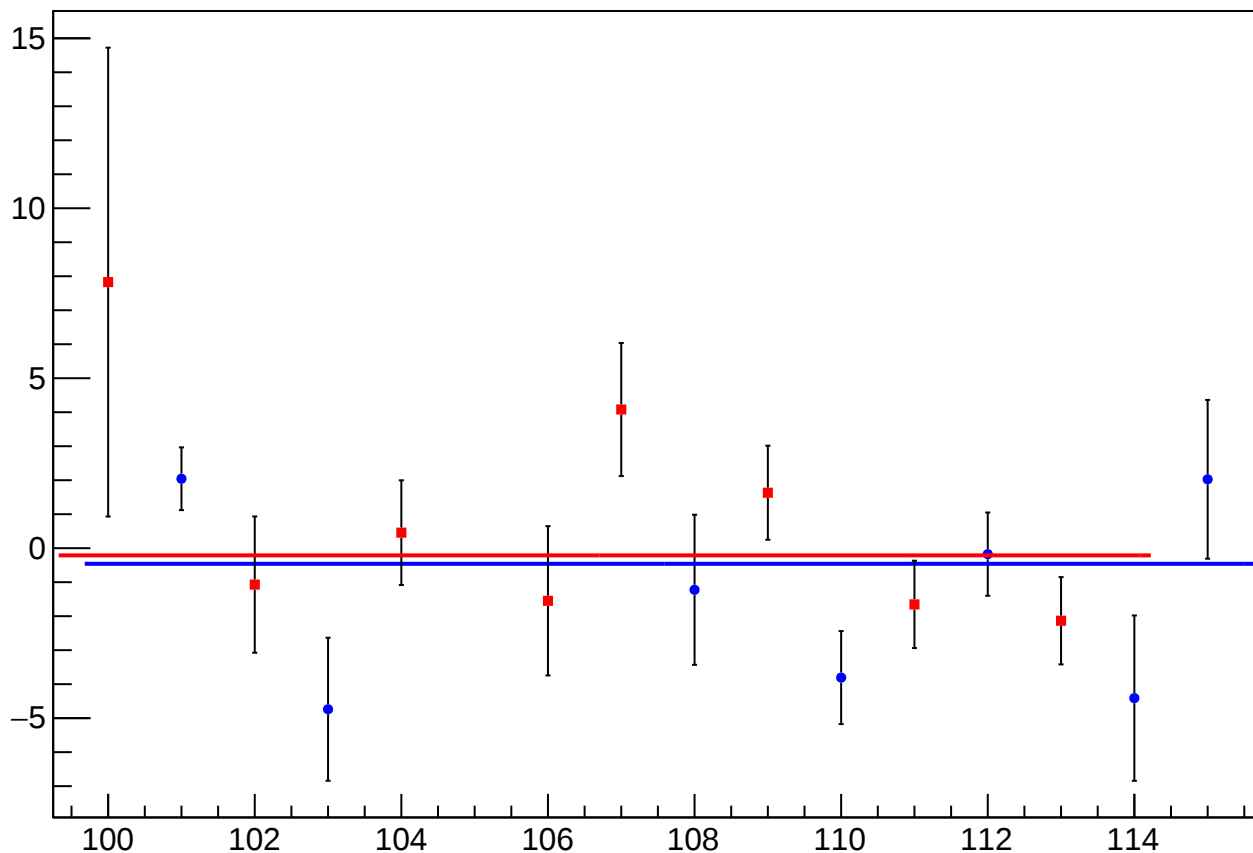
Right: -2.660+/-0.540 χ^2/NDF : 812.0/14

In: -4.266+/-0.793 χ^2/NDF : 467.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.660+/-0.540 χ^2/NDF : 812.0/14

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.459+/-0.563 χ^2/NDF : 21.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.211+/-0.588 χ^2/NDF : 12.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

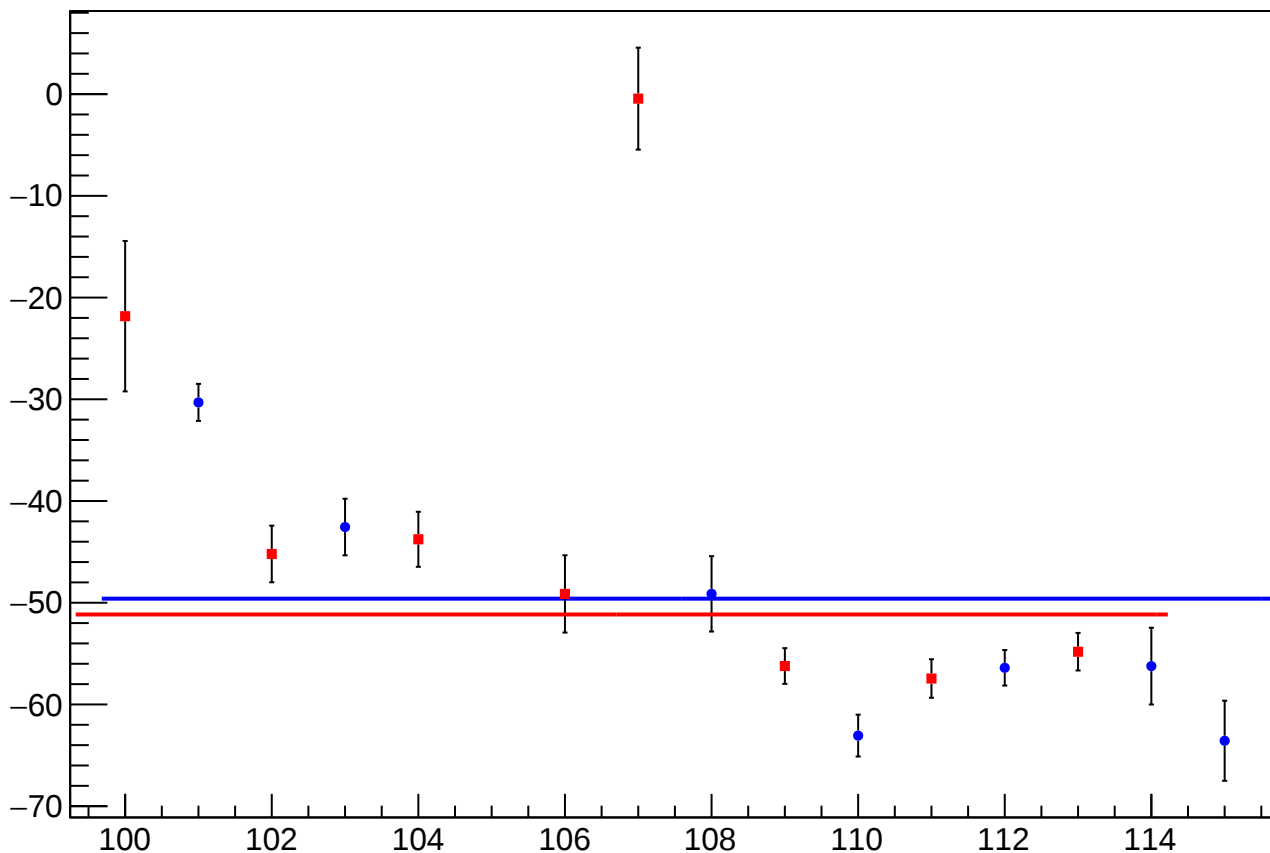
Right: -0.340+/-0.406 χ^2/NDF : 33.7/14

In: -0.459+/-0.563 χ^2/NDF : 21.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.340+/-0.406 χ^2/NDF : 33.7/14

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -49.599 $\pm$ 0.912 χ^2 /NDF: 192.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -51.153 $\pm$ 0.880 χ^2 /NDF: 153.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

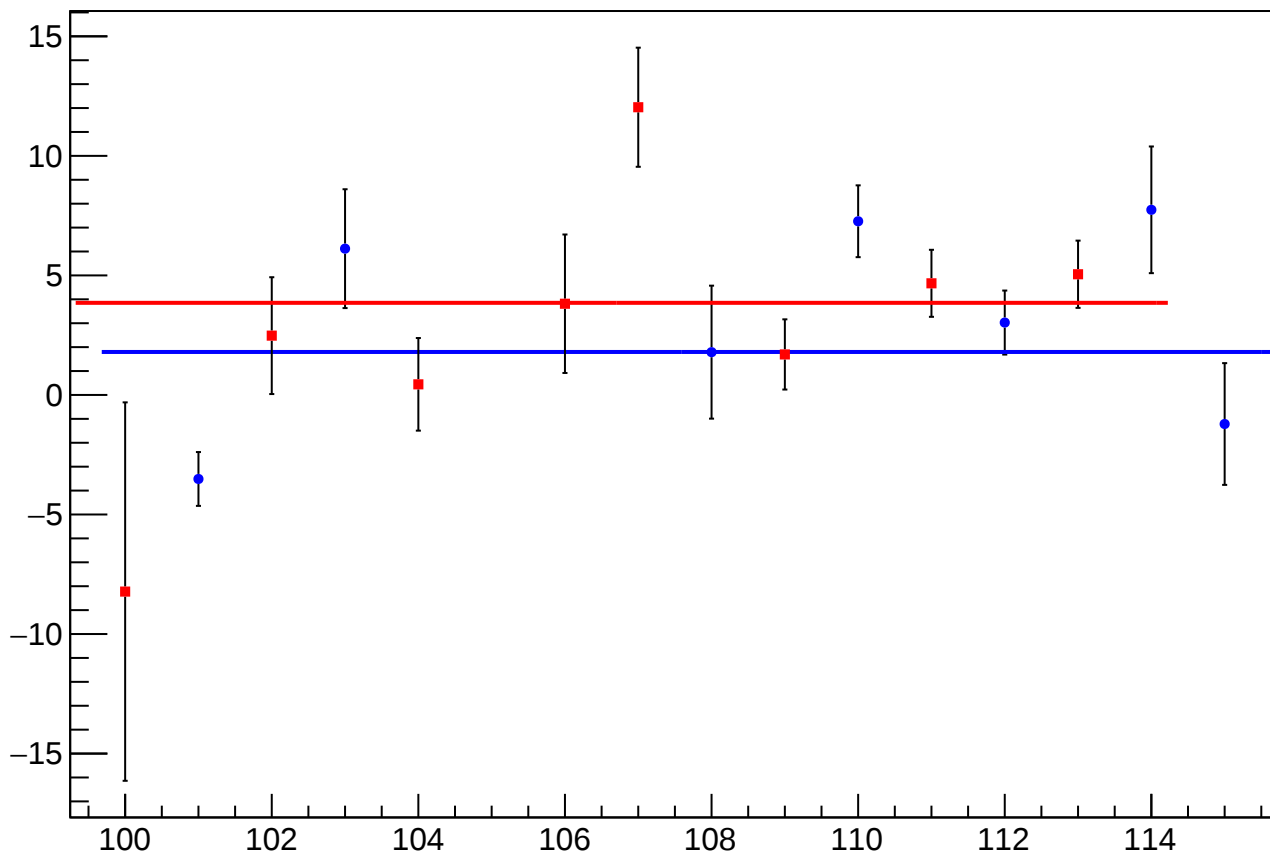
Right: -50.403 $\pm$ 0.633 χ^2 /NDF: 347.8/14

In: -49.599 $\pm$ 0.912 χ^2 /NDF:192.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -50.403 $\pm$ 0.633 χ^2 /NDF: 347.8/14

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.798+/-0.648 χ^2/NDF : 45.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.853+/-0.673 χ^2/NDF : 19.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

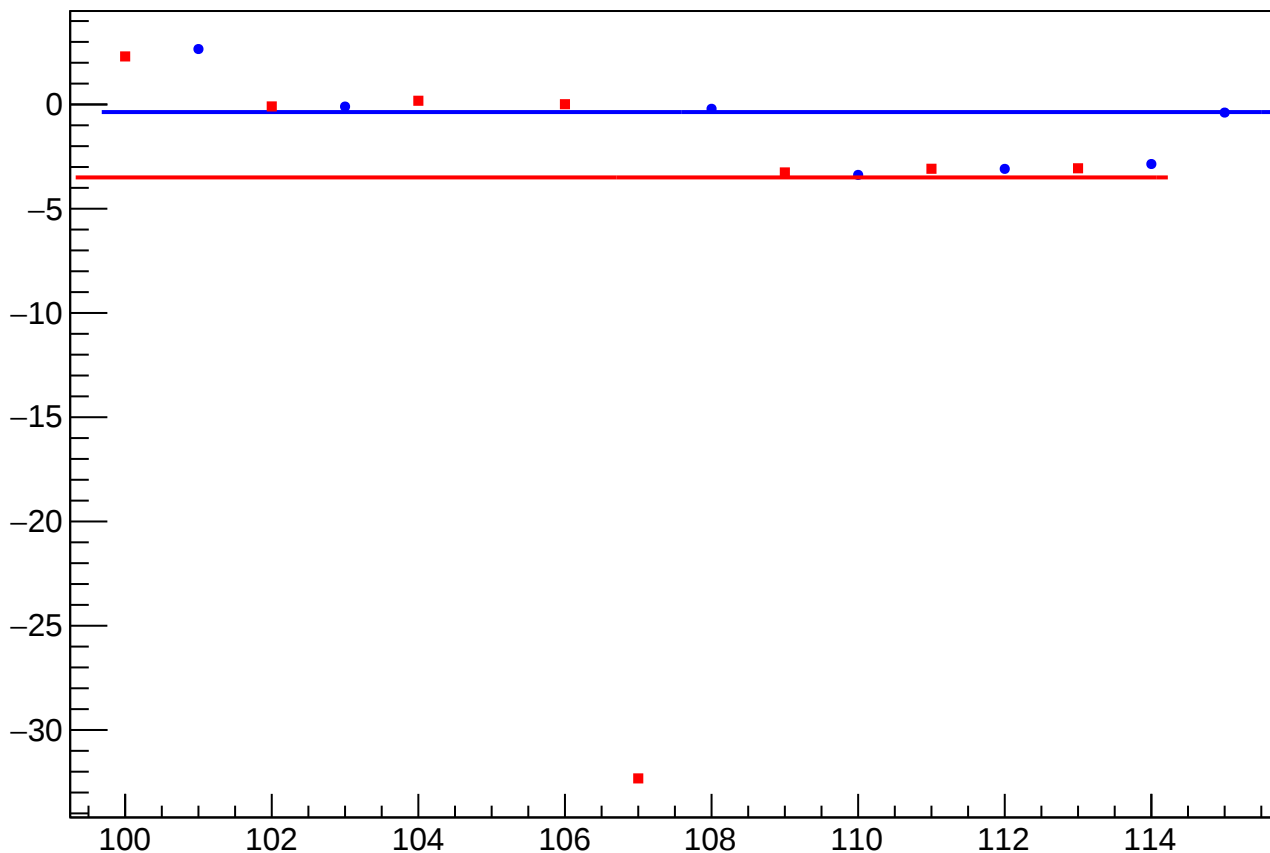
Right: 2.788+/-0.467 χ^2/NDF : 70.4/14

In: 1.798+/-0.648 χ^2/NDF : 45.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.788+/-0.467 χ^2/NDF : 70.4/14

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.365 ± 0.032 $\chi^2/\text{NDF}: 4392.6/6$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -3.499 ± 0.031 $\chi^2/\text{NDF}: 70209.6/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

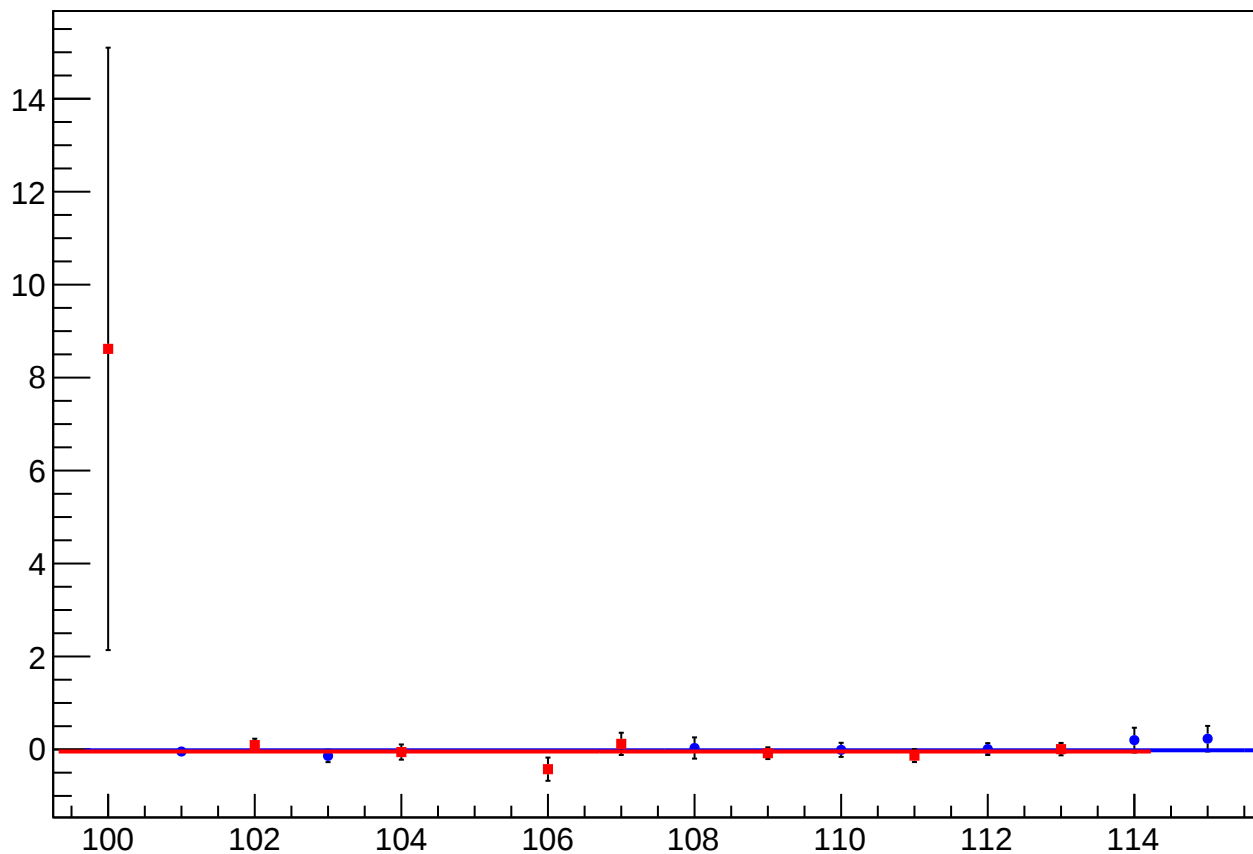
Right: -2.022 ± 0.022 $\chi^2/\text{NDF}: 79540.2/14$

In: -0.365 ± 0.032 $\chi^2/\text{NDF}: 4392.6/6$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -2.022 ± 0.022 $\chi^2/\text{NDF}: 79540.2/14$

reg_asym_ds_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.018 $\pm$ 0.057 χ^2 /NDF: 2.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.045 $\pm$ 0.058 χ^2 /NDF: 6.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

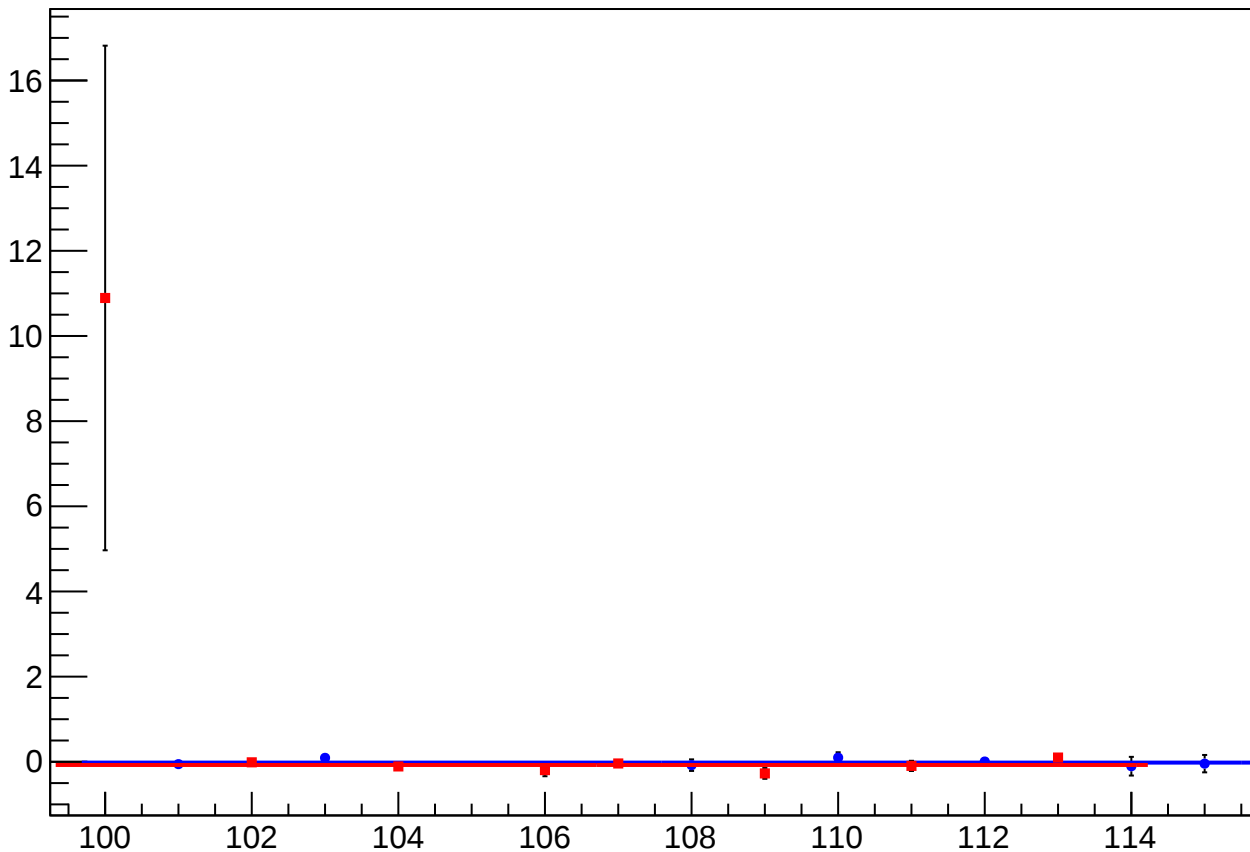
Right: -0.031 $\pm$ 0.041 χ^2 /NDF: 8.8/14

In: -0.018 $\pm$ 0.057 χ^2 /NDF:2.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.031 $\pm$ 0.041 χ^2 /NDF: 8.8/14

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.019+/-0.036 χ^2/NDF : 3.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.074+/-0.041 χ^2/NDF : 9.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

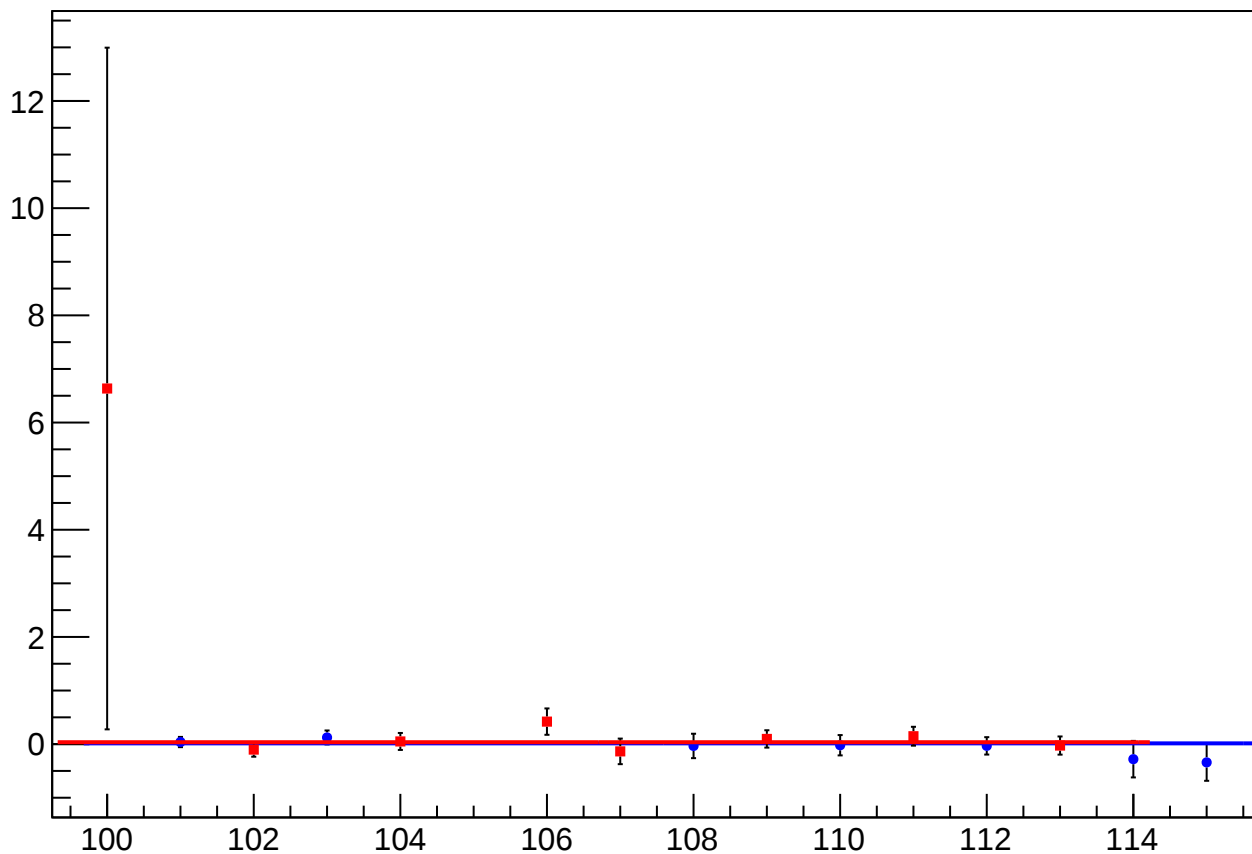
Right: -0.043+/-0.027 χ^2/NDF : 13.6/14

In: -0.019+/-0.036 χ^2/NDF : 3.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.043+/-0.027 χ^2/NDF : 13.6/14

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.014+/-0.061 χ^2/NDF : 2.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.036+/-0.065 χ^2/NDF : 5.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

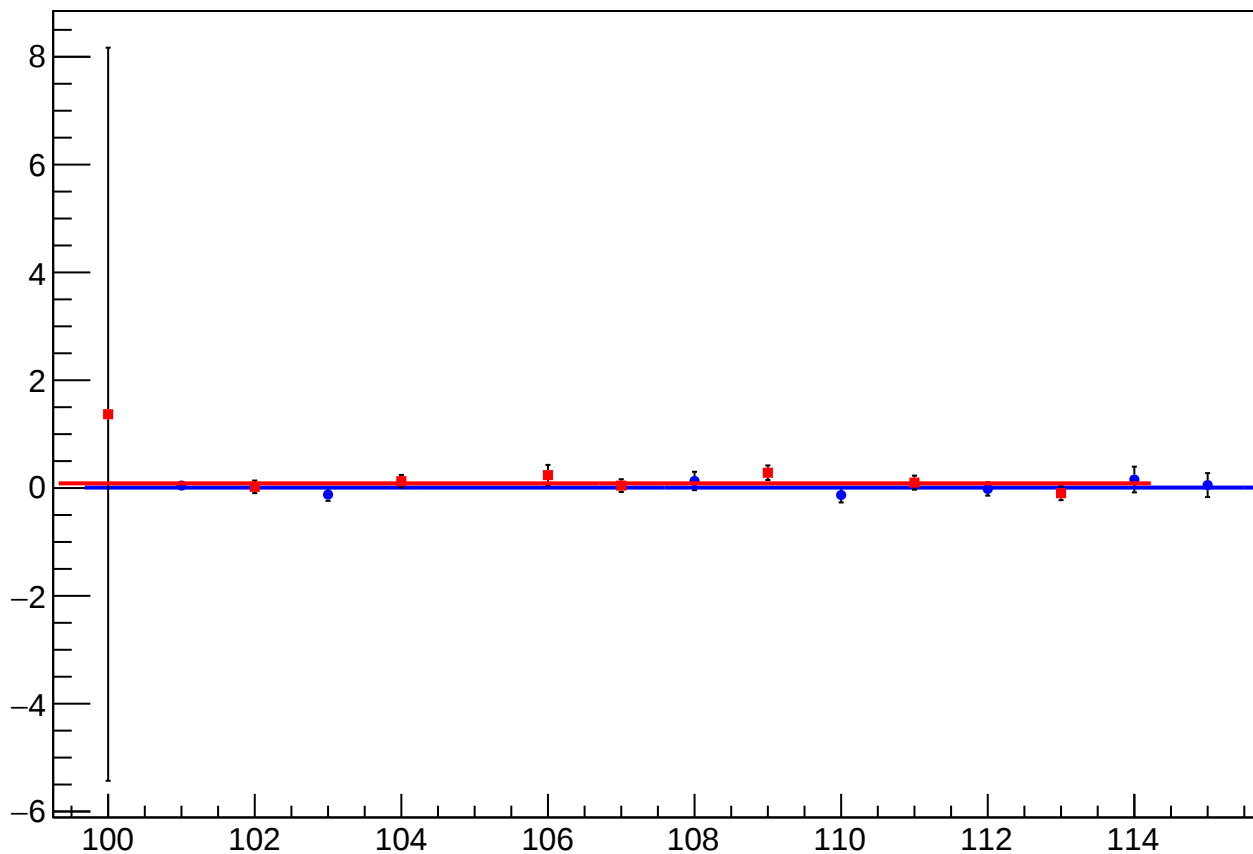
Right: 0.024+/-0.044 χ^2/NDF : 8.6/14

In: 0.014+/-0.061 χ^2/NDF : 2.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.044 χ^2/NDF : 8.6/14

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.043 χ^2 /NDF: 3.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.087 $\pm$ 0.049 χ^2 /NDF: 5.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

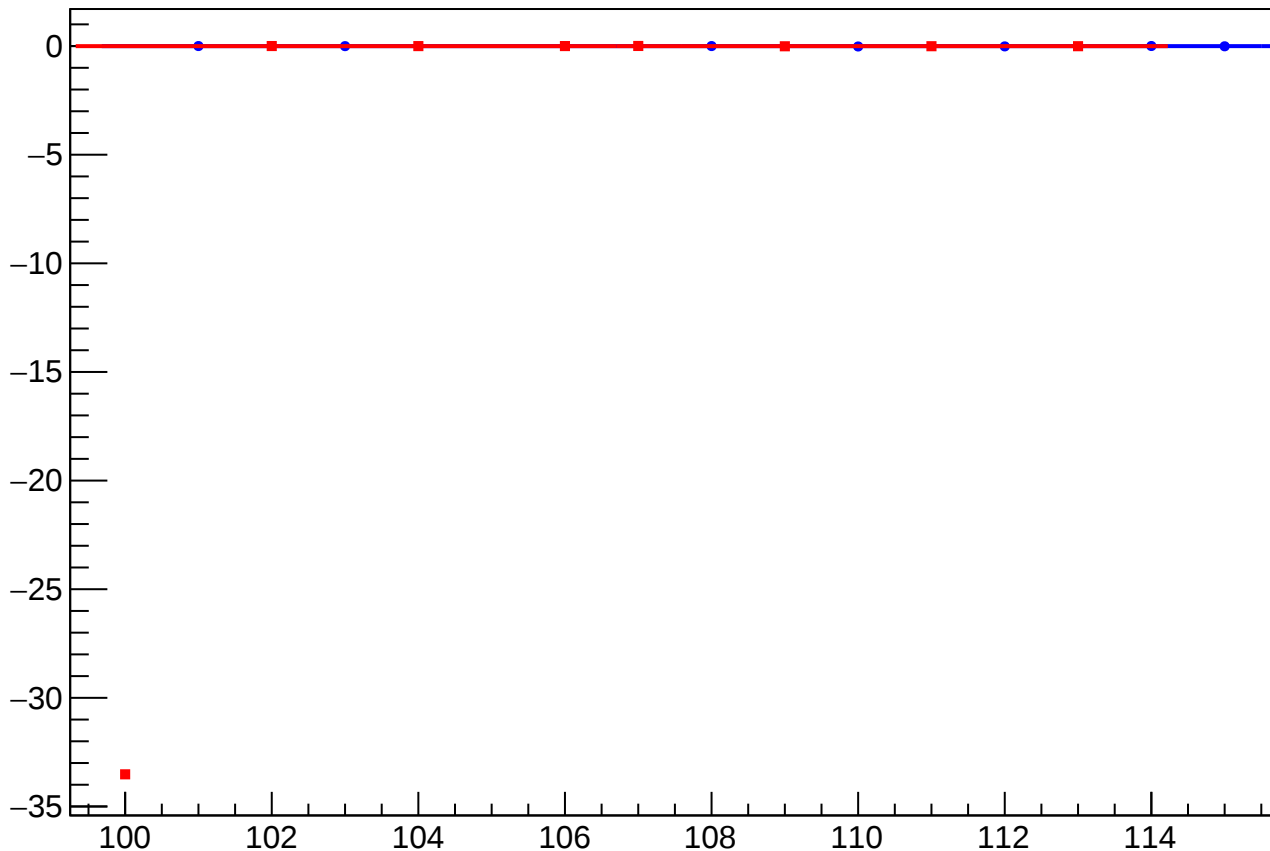
Right: 0.043 $\pm$ 0.032 χ^2 /NDF: 10.5/14

In: 0.009 $\pm$ 0.043 χ^2 /NDF:3.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.043 $\pm$ 0.032 χ^2 /NDF: 10.5/14

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.002 χ^2 /NDF: 7.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 0.002 χ^2 /NDF: 26495.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

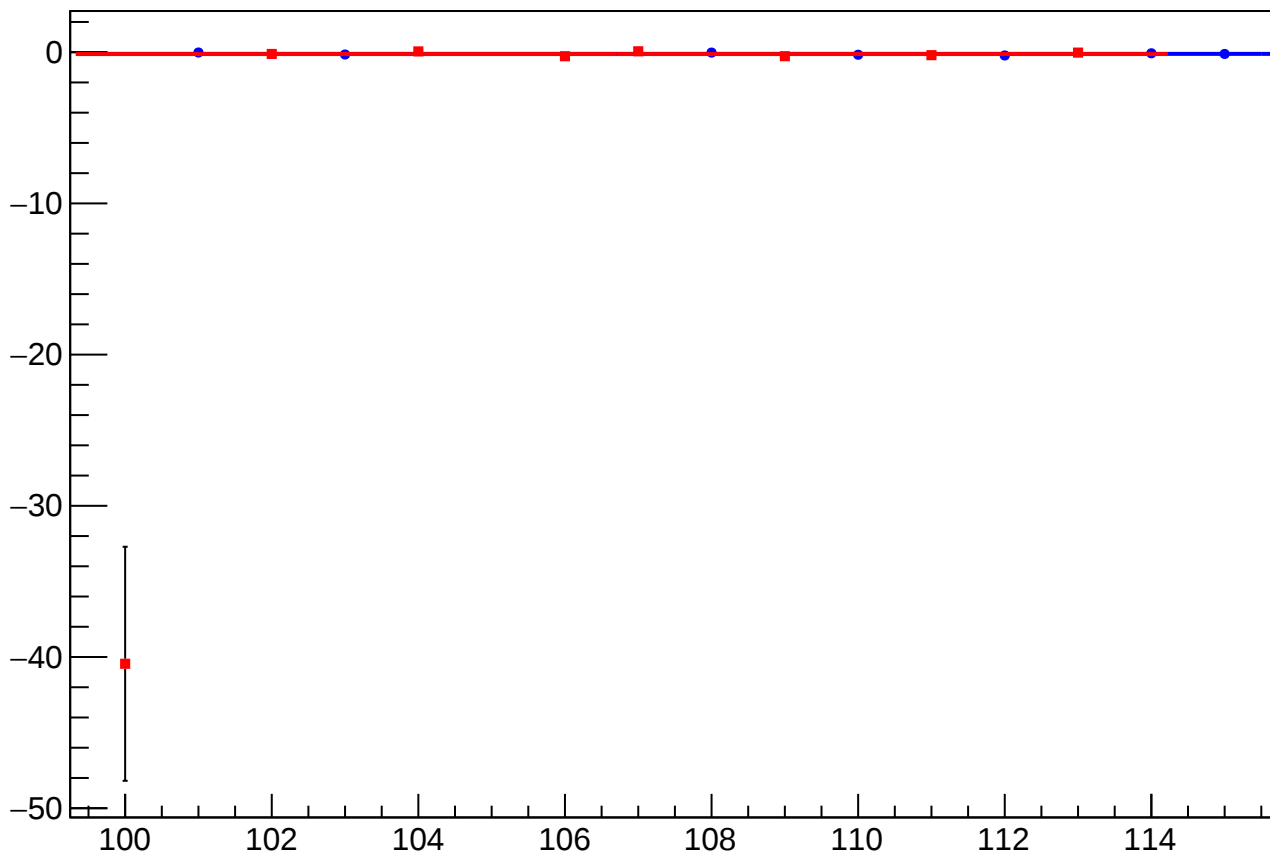
Right: -0.003 $\pm$ 0.001 χ^2 /NDF: 26502.7/14

In: -0.002 $\pm$ 0.002 χ^2 /NDF:7.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.001 χ^2 /NDF: 26502.7/14

reg_asym_ds_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.110 ± 0.057 $\chi^2/\text{NDF}: 1.9/6$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.123 ± 0.058 $\chi^2/\text{NDF}: 31.3/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

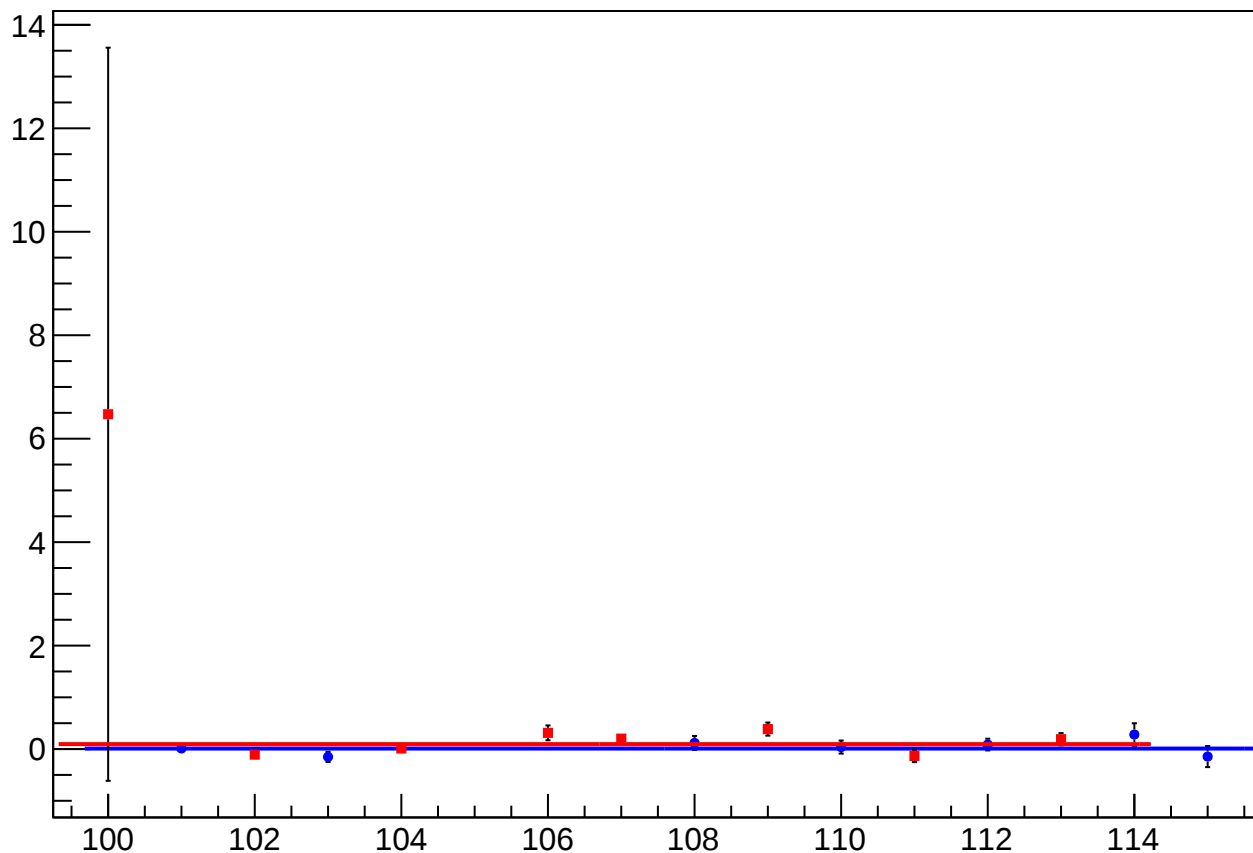
Right: -0.116 ± 0.041 $\chi^2/\text{NDF}: 33.3/14$

In: -0.110 ± 0.057 $\chi^2/\text{NDF}: 1.9/6$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.116 ± 0.041 $\chi^2/\text{NDF}: 33.3/14$

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.009+/-0.036 χ^2/NDF : 6.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.096+/-0.041 χ^2/NDF : 19.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

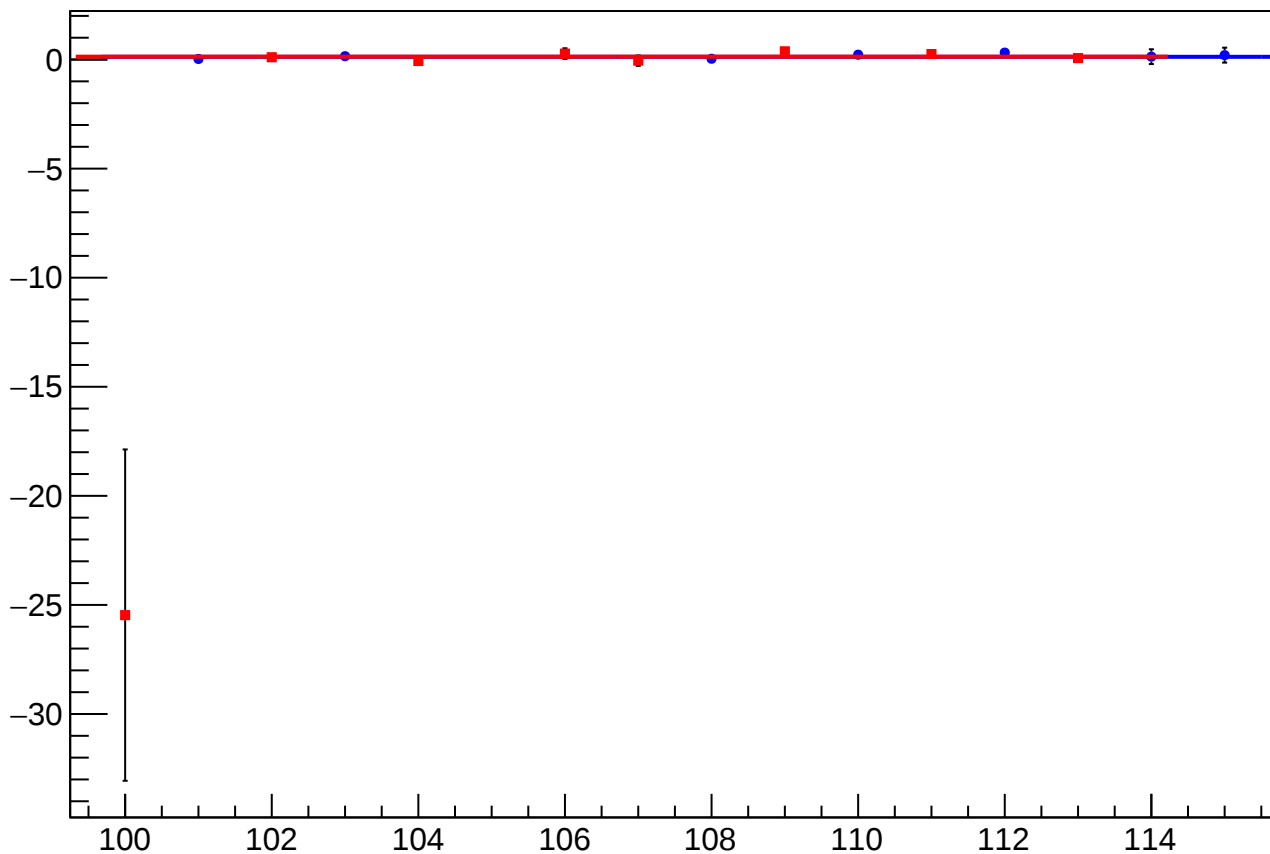
Right: 0.047+/-0.027 χ^2/NDF : 27.8/14

In: 0.009+/-0.036 χ^2/NDF : 6.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.047+/-0.027 χ^2/NDF : 27.8/14

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.125+/-0.061 χ^2/NDF : 3.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.133+/-0.065 χ^2/NDF : 16.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

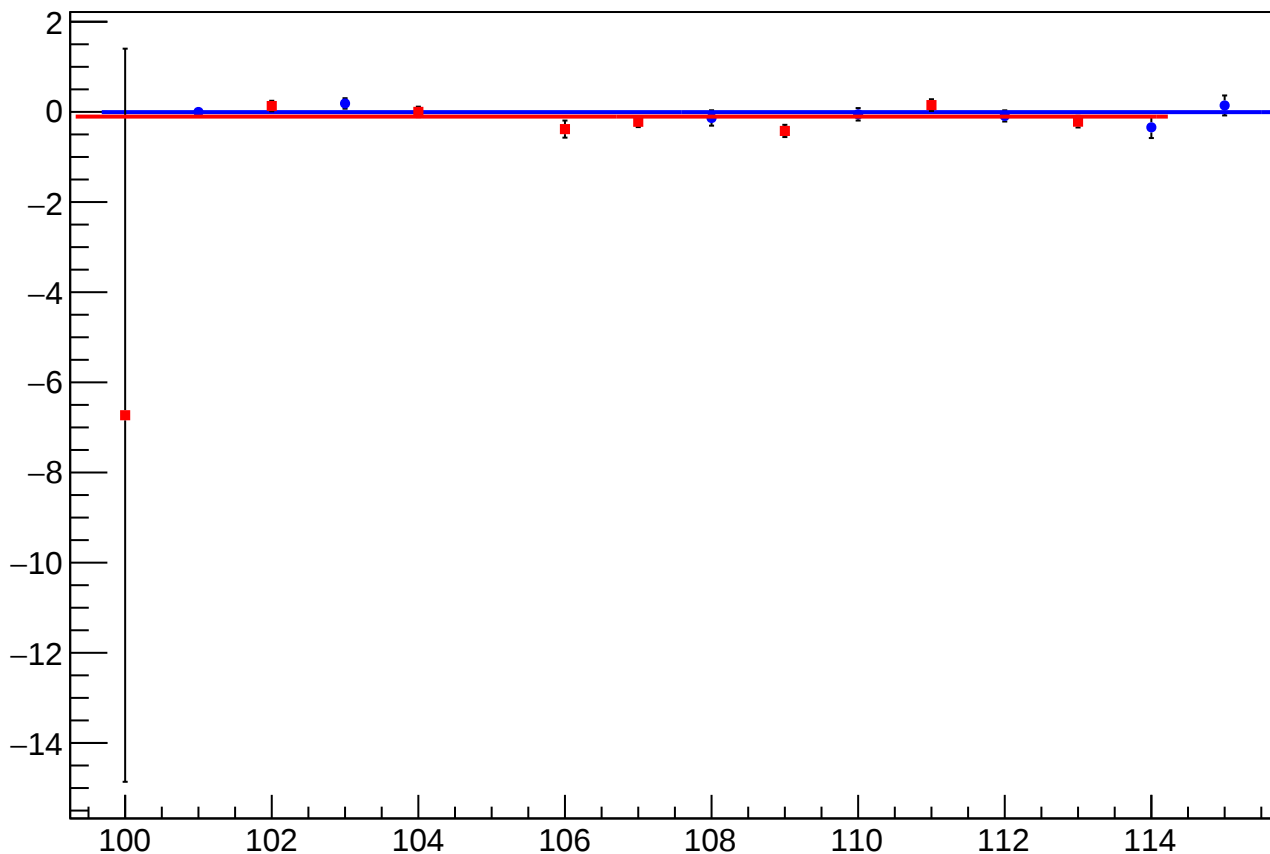
Right: 0.129+/-0.044 χ^2/NDF : 19.8/14

In: 0.125+/-0.061 χ^2/NDF : 3.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.129+/-0.044 χ^2/NDF : 19.8/14

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.043 χ^2 /NDF: 6.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.104 $\pm$ 0.049 χ^2 /NDF: 18.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

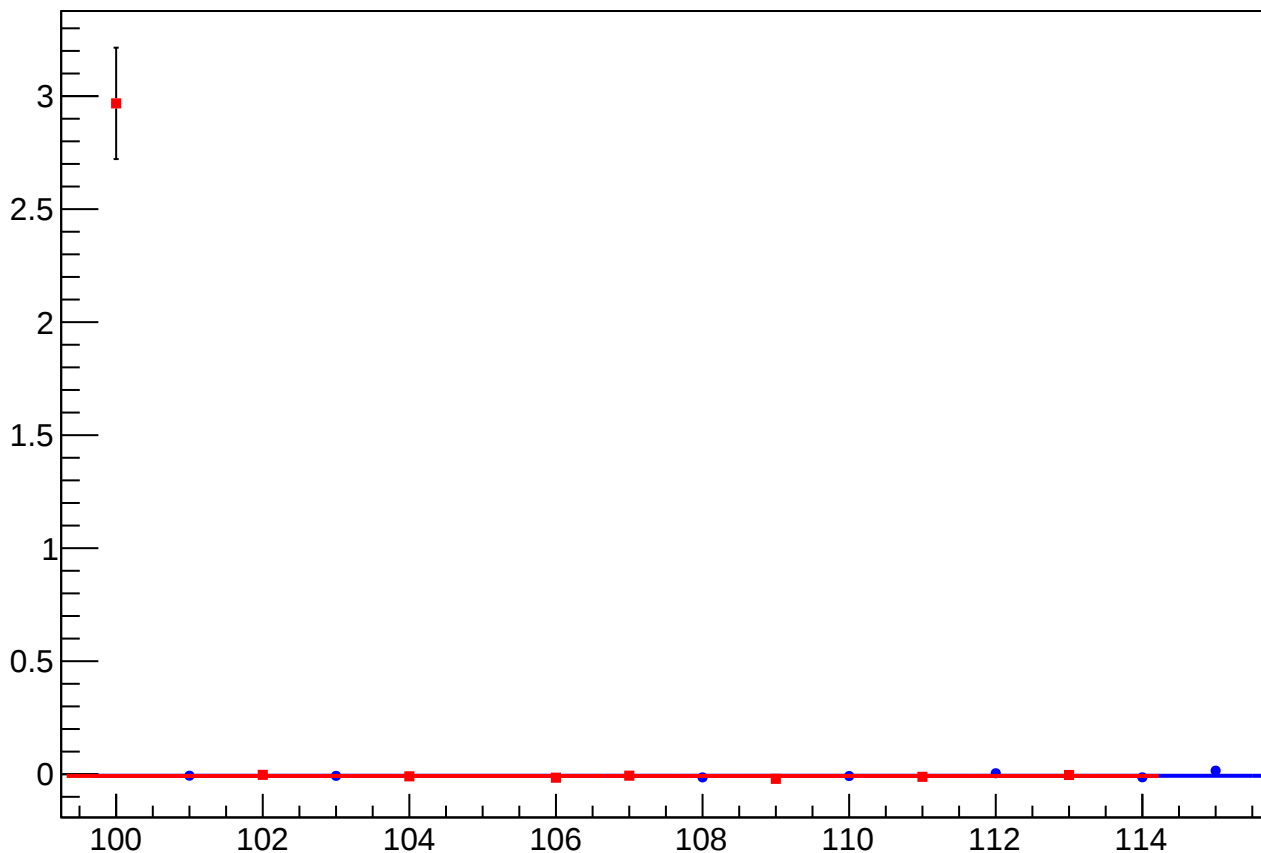
Right: -0.048 $\pm$ 0.032 χ^2 /NDF: 27.4/14

In: -0.005 $\pm$ 0.043 χ^2 /NDF:6.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.048 $\pm$ 0.032 χ^2 /NDF: 27.4/14

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.002 χ^2 /NDF: 6.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.008 $\pm$ 0.002 χ^2 /NDF: 154.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

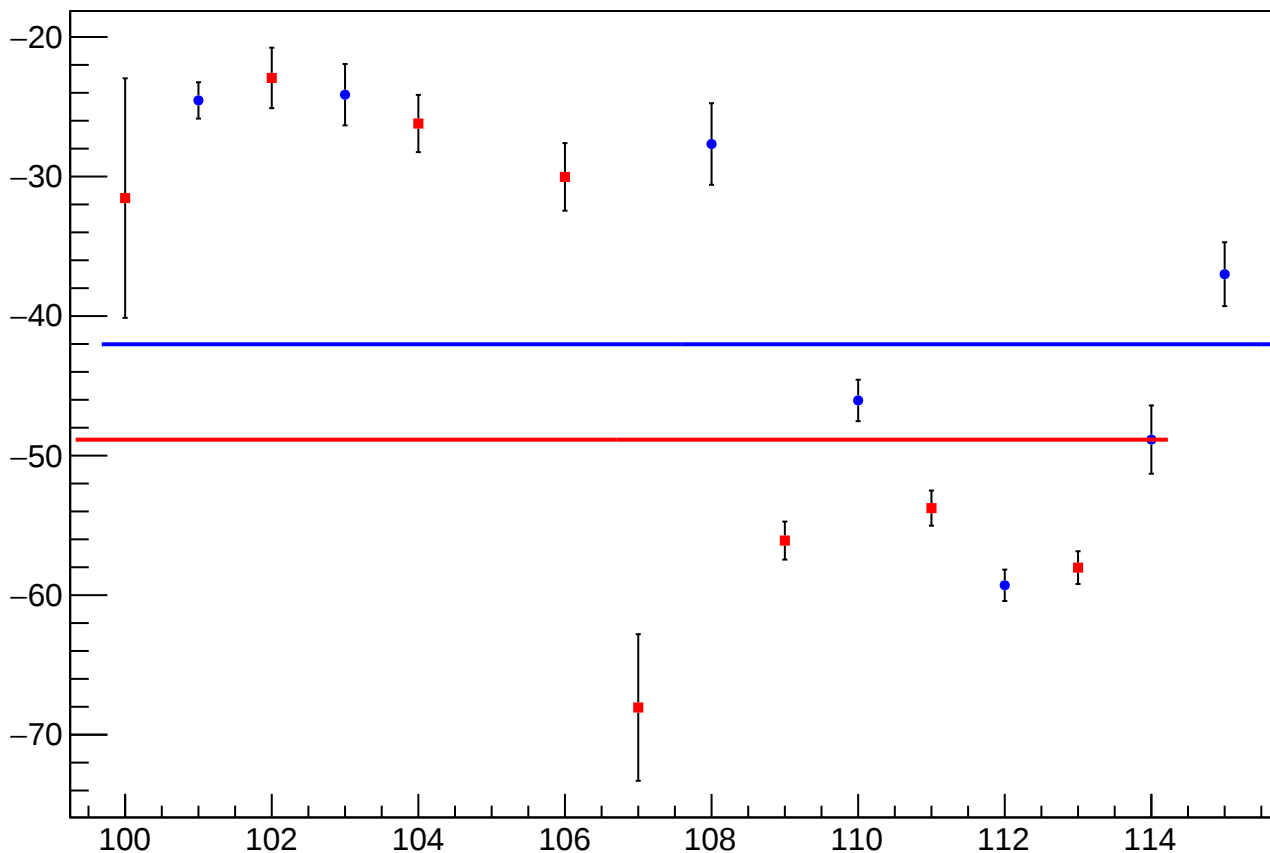
Right: -0.007 $\pm$ 0.001 χ^2 /NDF: 160.9/14

In: -0.007 $\pm$ 0.002 χ^2 /NDF:6.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.001 χ^2 /NDF: 160.9/14

reg_asym_left_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -42.020 $\pm$ 0.630 χ^2 /NDF: 526.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -48.858 $\pm$ 0.624 χ^2 /NDF: 447.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

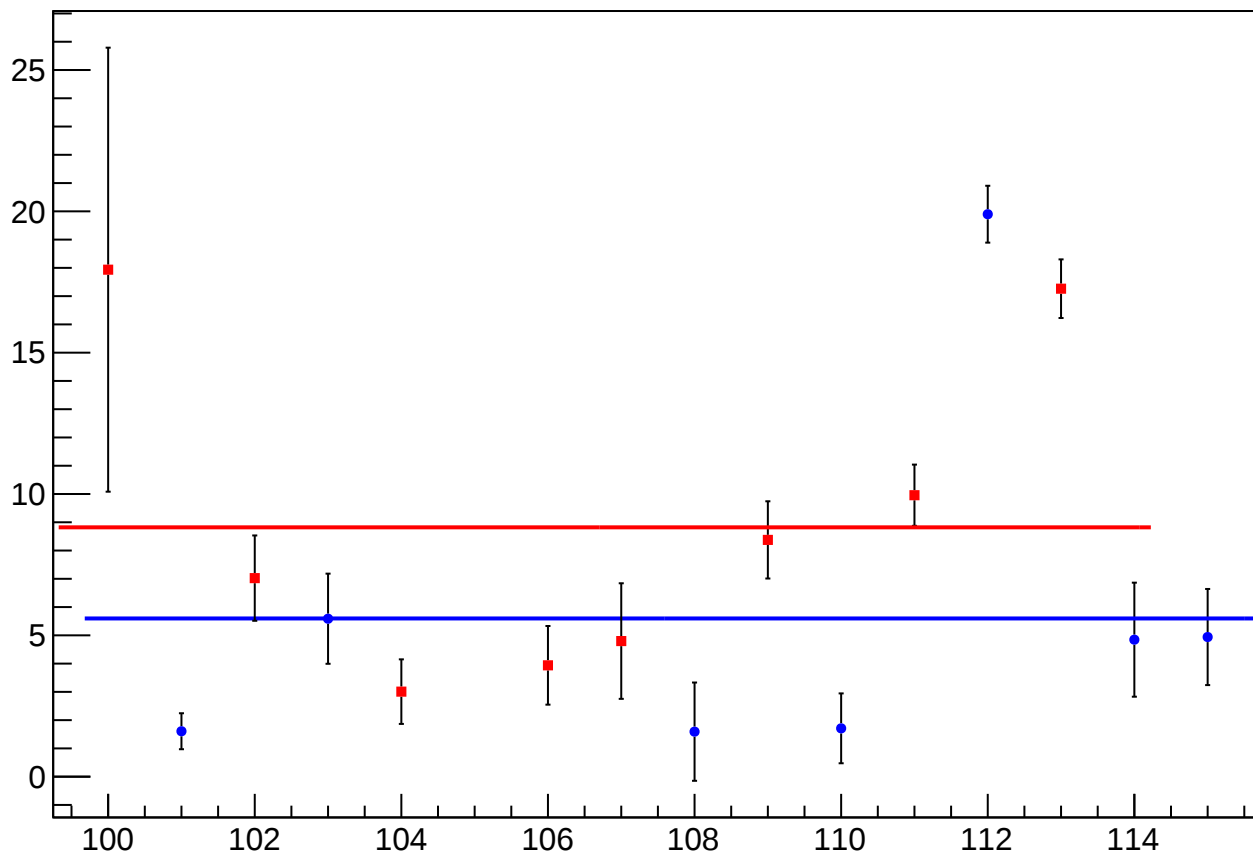
Right: -45.473 $\pm$ 0.443 χ^2 /NDF: 1033.5/14

In: -42.020 $\pm$ 0.630 χ^2 /NDF:526.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -45.473 $\pm$ 0.443 χ^2 /NDF: 1033.5/14

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.597+/-0.429 χ^2/NDF : 257.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.821+/-0.482 χ^2/NDF : 112.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

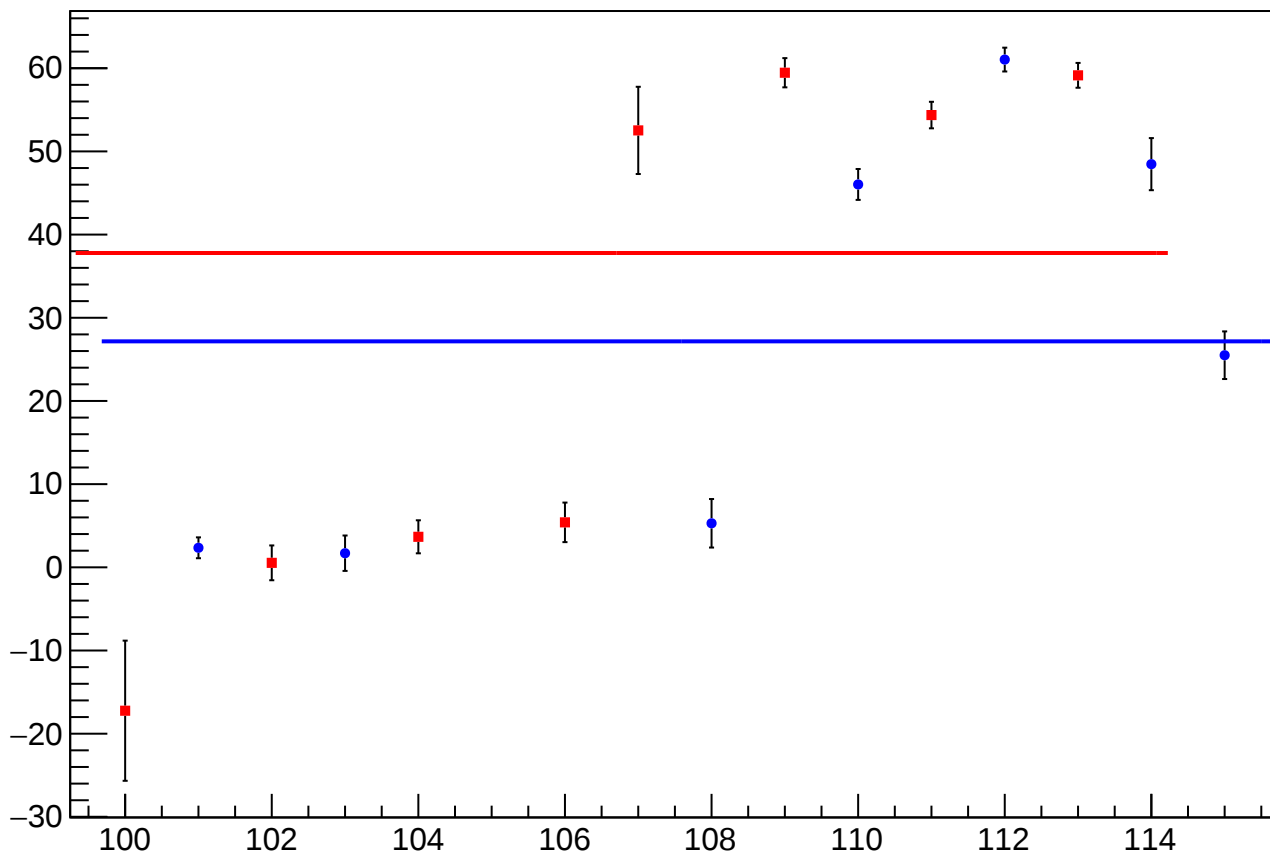
Right: 7.021+/-0.321 χ^2/NDF : 394.2/14

In: 5.597+/-0.429 χ^2/NDF : 257.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.021+/-0.321 χ^2/NDF : 394.2/14

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.165+/-0.711 χ^2/NDF : 1301.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.786+/-0.730 χ^2/NDF : 1313.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

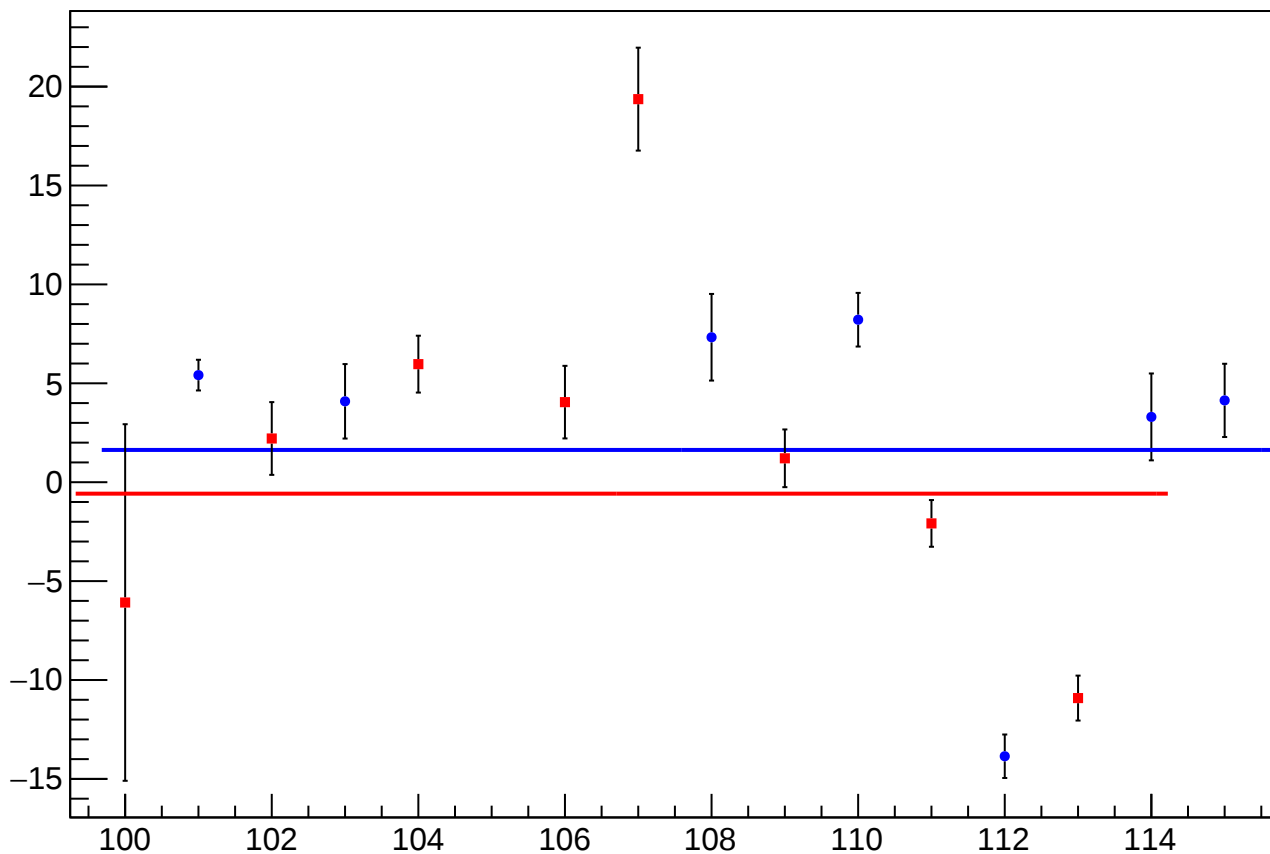
Right: 32.337+/-0.509 χ^2/NDF : 2723.2/14

In: 27.165+/-0.711 χ^2/NDF : 1301.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.337+/-0.509 χ^2/NDF : 2723.2/14

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.631+/-0.499 χ^2/NDF : 256.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.579+/-0.559 χ^2/NDF : 174.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

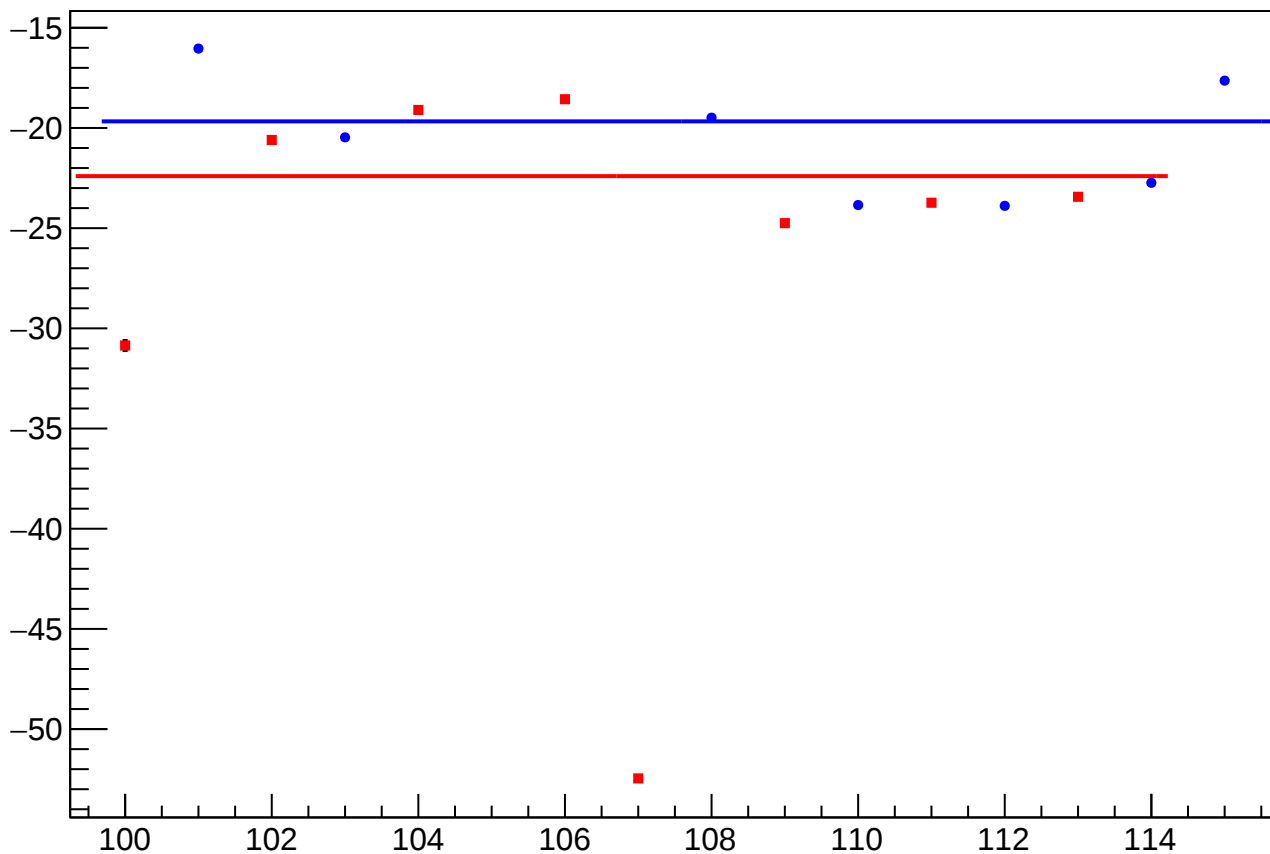
Right: 0.652+/-0.372 χ^2/NDF : 439.8/14

In: 1.631+/-0.499 χ^2/NDF : 256.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.652+/-0.372 χ^2/NDF : 439.8/14

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.671 $\pm$ 0.025 χ^2 /NDF: 13637.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -22.403 $\pm$ 0.024 χ^2 /NDF: 74116.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

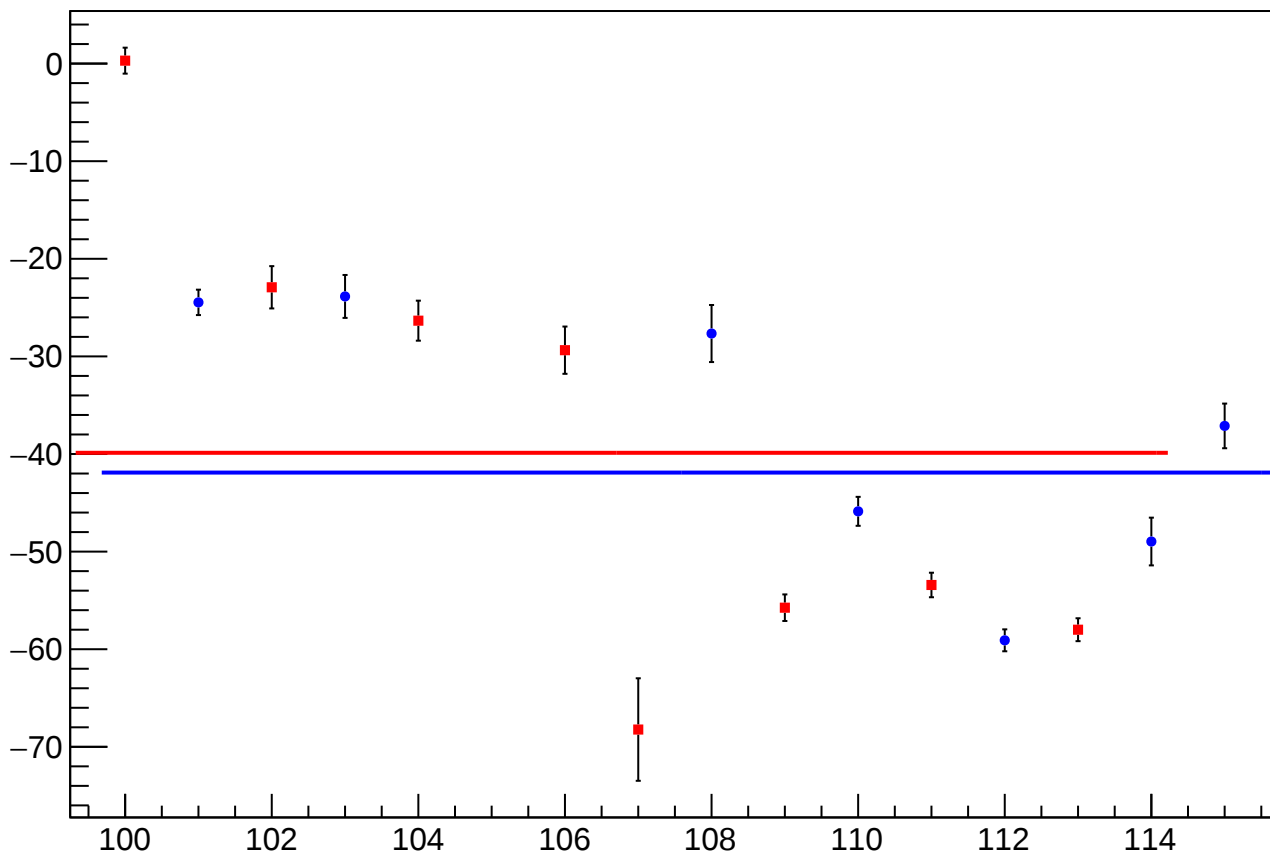
Right: -21.076 $\pm$ 0.017 χ^2 /NDF: 93974.2/14

In: -19.671 $\pm$ 0.025 χ^2 /NDF: 13637.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -21.076 $\pm$ 0.017 χ^2 /NDF: 93974.2/14

reg_asym_left_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -41.902 ± 0.630 χ^2/NDF : 524.8/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -39.877 ± 0.566 χ^2/NDF : 1556.3/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

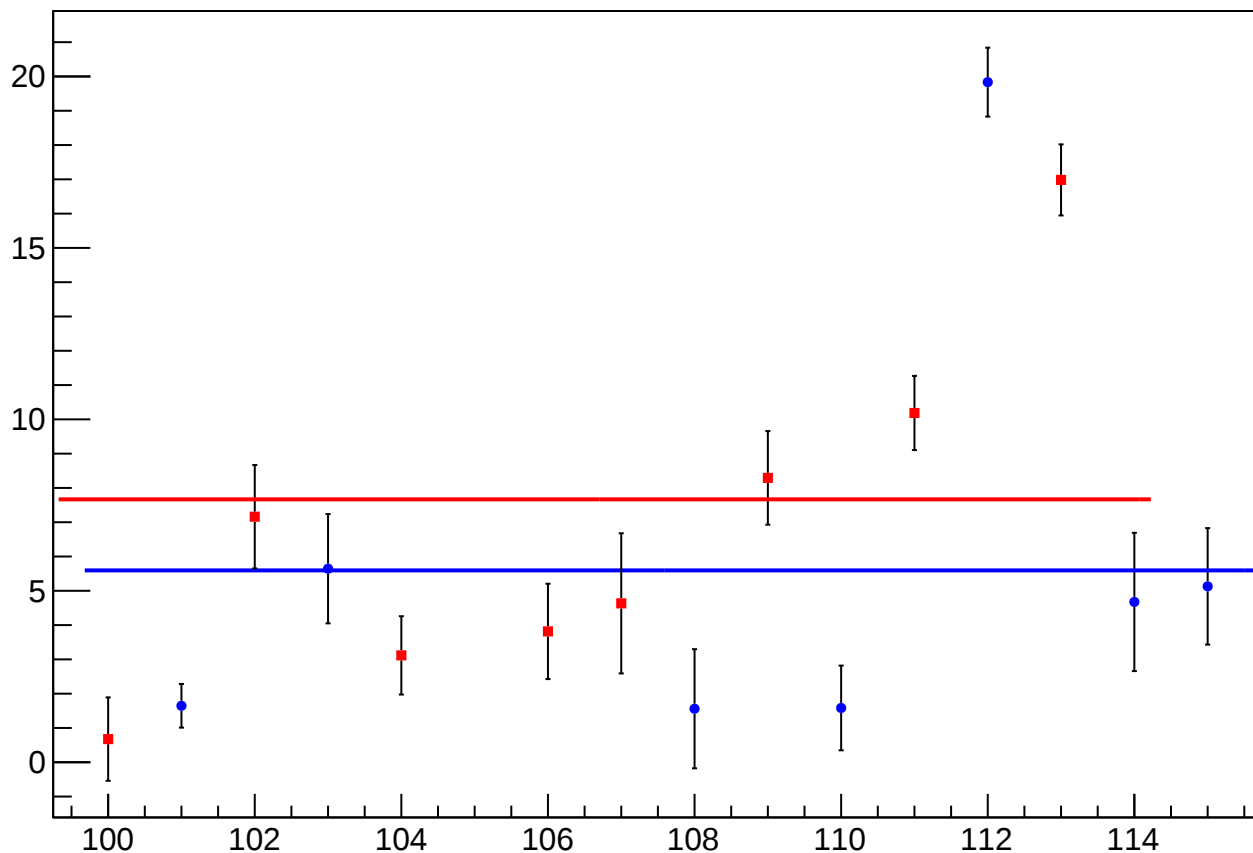
Right: -40.781 ± 0.421 χ^2/NDF : 2086.9/14

In: -41.902 ± 0.630 χ^2/NDF : 524.8/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.781 ± 0.421 χ^2/NDF : 2086.9/14

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.595+/-0.429 χ^2/NDF : 255.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.667+/-0.449 χ^2/NDF : 145.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

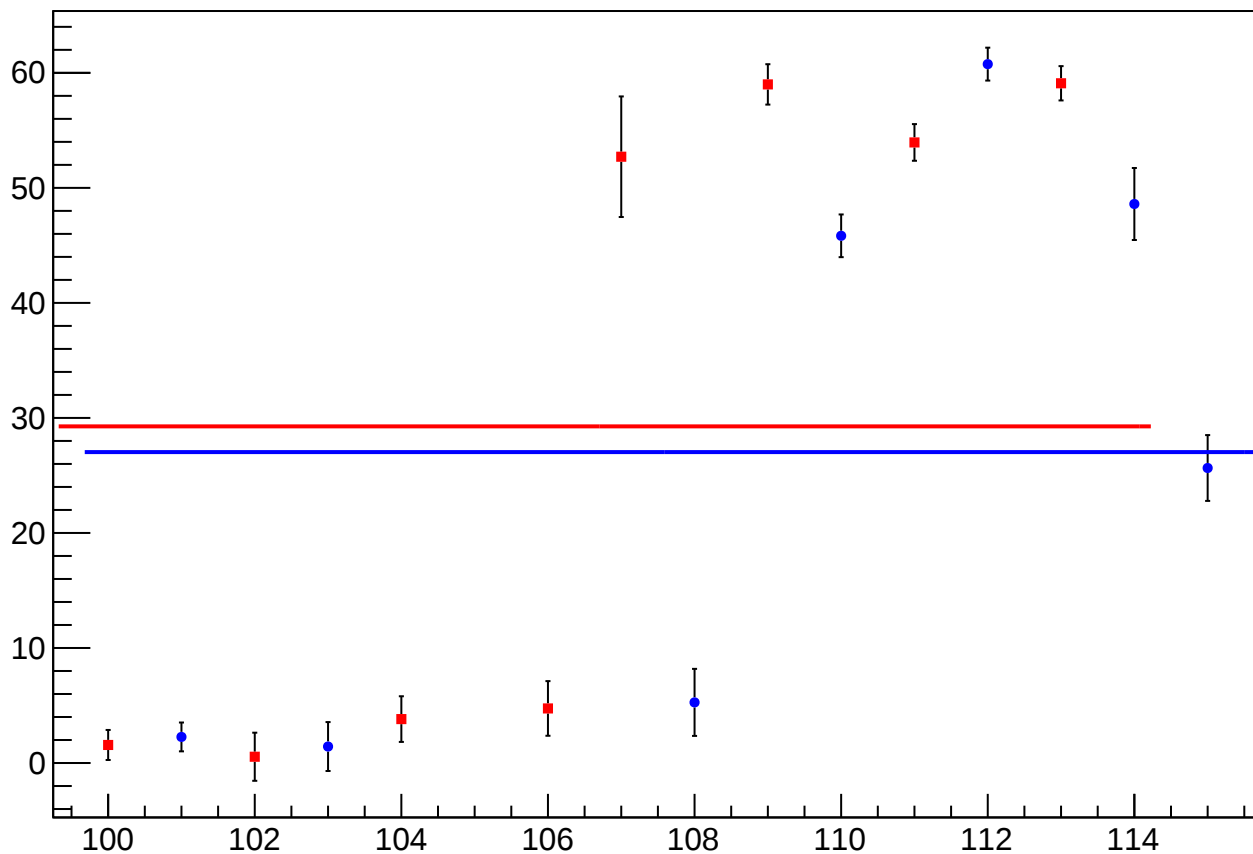
Right: 6.584+/-0.310 χ^2/NDF : 411.9/14

In: 5.595+/-0.429 χ^2/NDF : 255.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.584+/-0.310 χ^2/NDF : 411.9/14

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.030+/-0.711 χ^2/NDF : 1297.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.266+/-0.639 χ^2/NDF : 1856.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

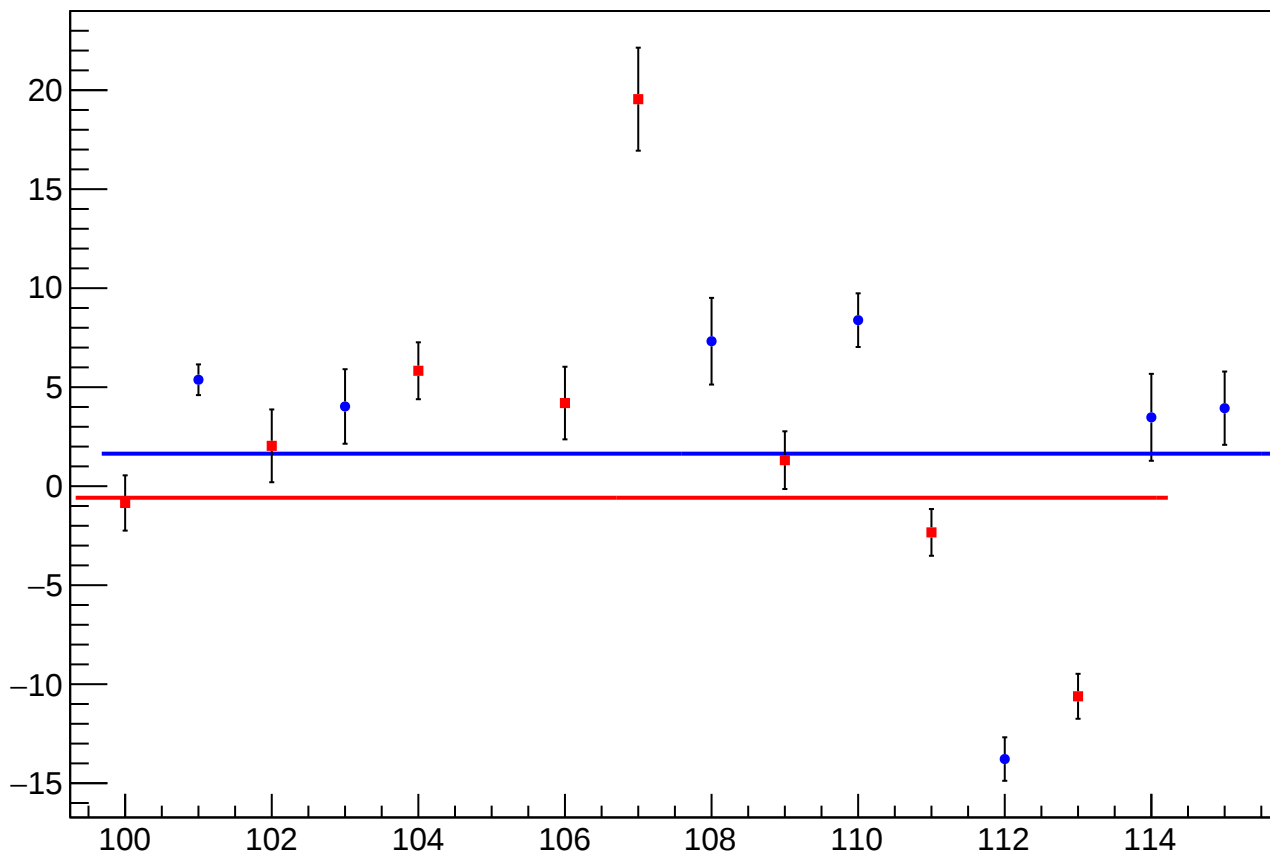
Right: 28.267+/-0.475 χ^2/NDF : 3159.9/14

In: 27.030+/-0.711 χ^2/NDF : 1297.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.267+/-0.475 χ^2/NDF : 3159.9/14

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.642 $\pm$ 0.498 χ^2 /NDF: 255.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.584 $\pm$ 0.520 χ^2 /NDF: 170.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

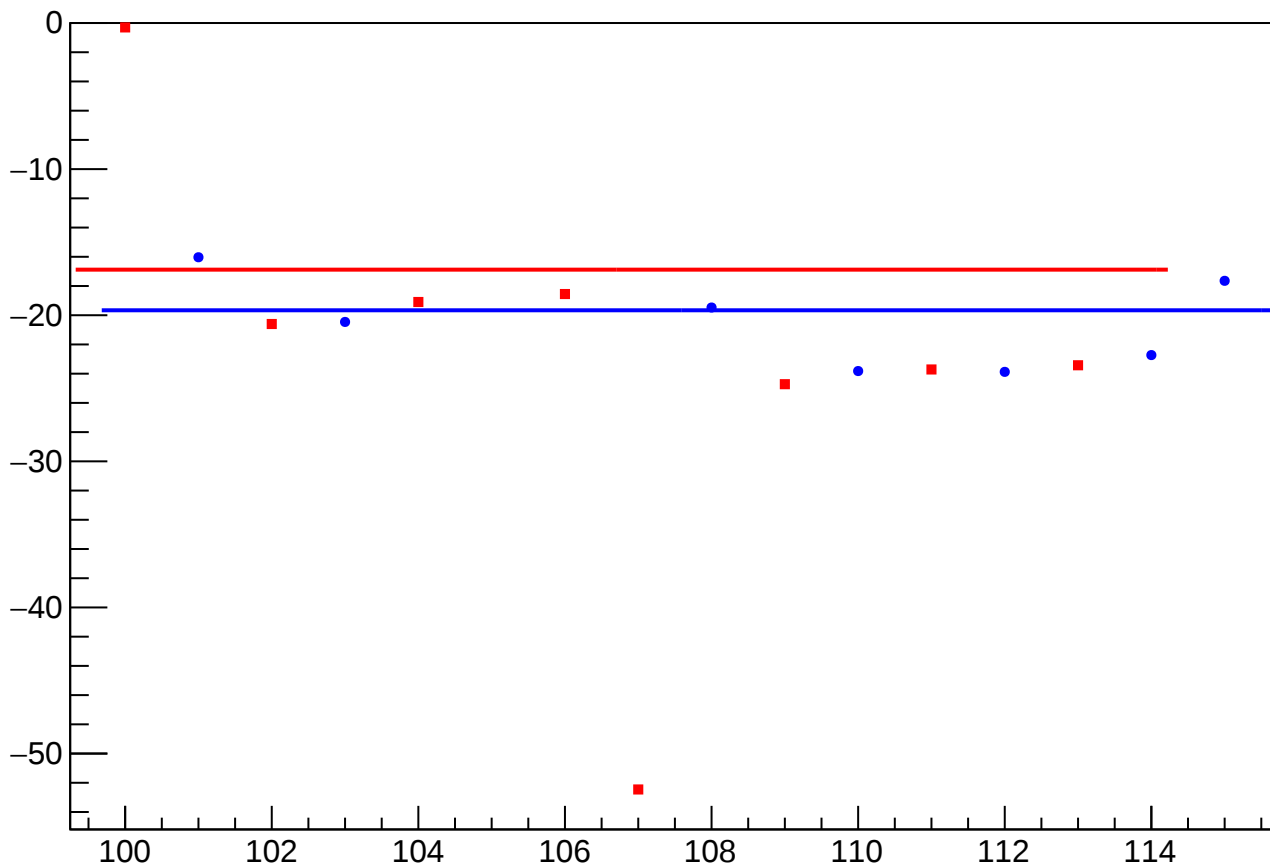
Right: 0.576 $\pm$ 0.360 χ^2 /NDF: 435.8/14

In: 1.642 $\pm$ 0.498 χ^2 /NDF:255.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.576 $\pm$ 0.360 χ^2 /NDF: 435.8/14

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.661+/-0.025 χ^2/NDF : 13616.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.880+/-0.021 χ^2/NDF : 277499.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

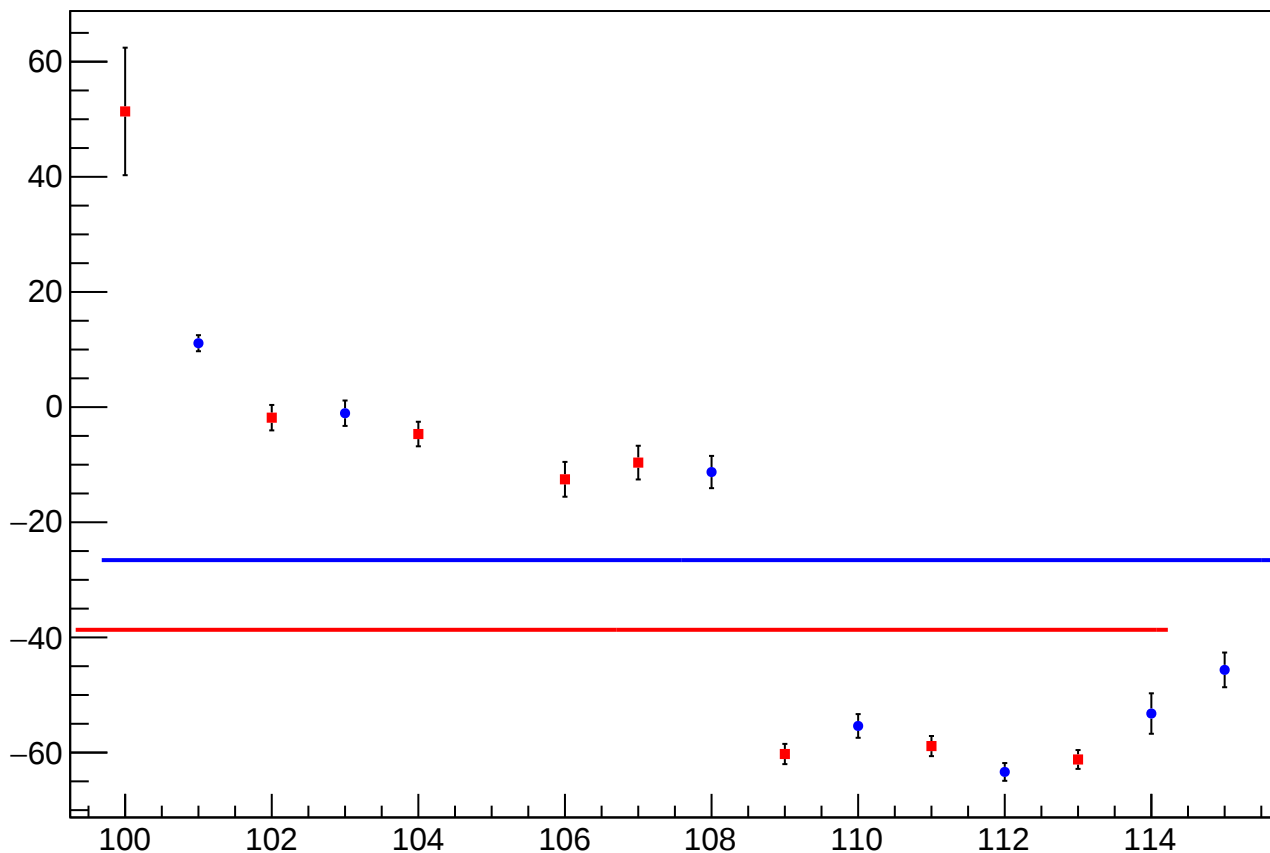
Right: -18.041+/-0.016 χ^2/NDF : 298420.5/14

In: -19.661+/-0.025 χ^2/NDF : 13616.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.041+/-0.016 χ^2/NDF : 298420.5/14

reg_asym_right_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -26.575 ± 0.768 χ^2/NDF : 1756.0/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -38.677 ± 0.771 χ^2/NDF : 1244.8/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

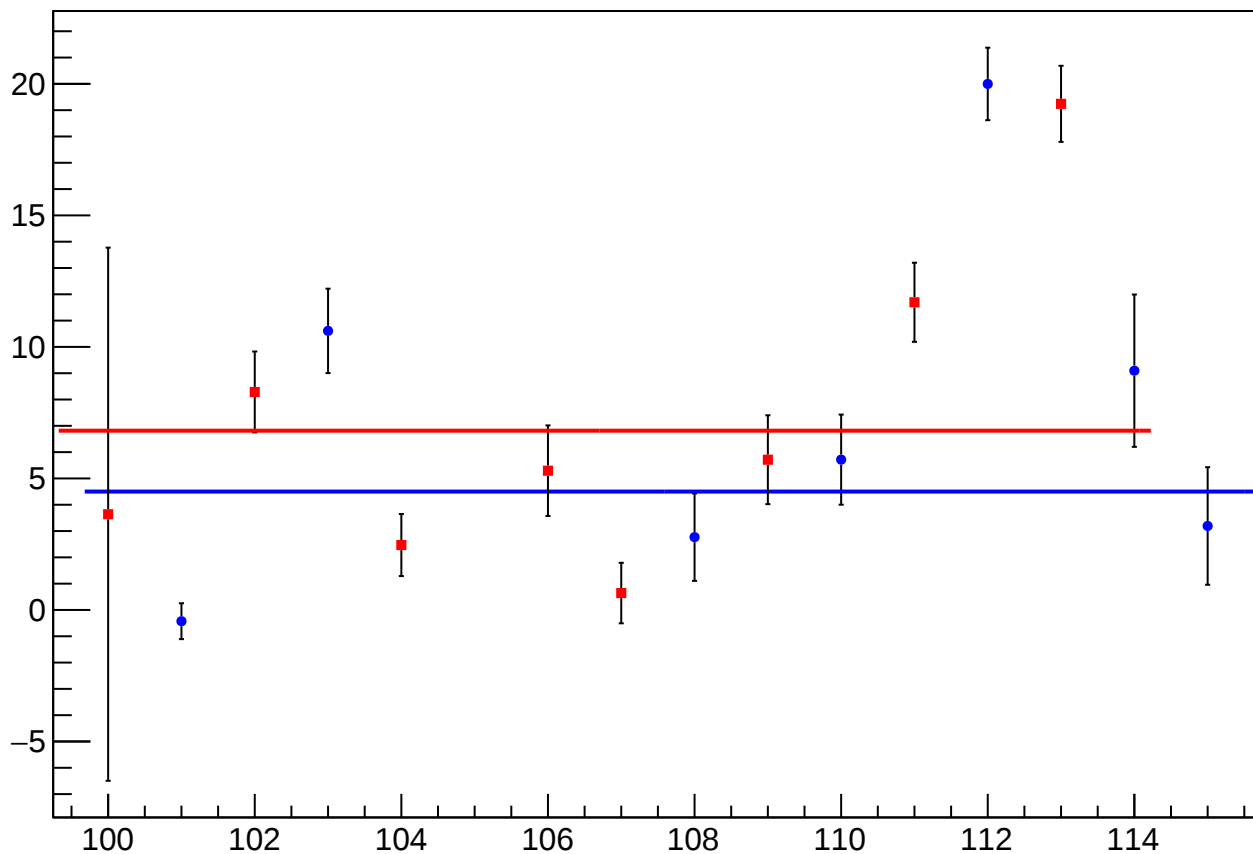
Right: -32.605 ± 0.544 χ^2/NDF : 3124.4/14

In: -26.575 ± 0.768 χ^2/NDF : 1756.0/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -32.605 ± 0.544 χ^2/NDF : 3124.4/14

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.501+/-0.495 χ^2/NDF : 197.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.816+/-0.533 χ^2/NDF : 129.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

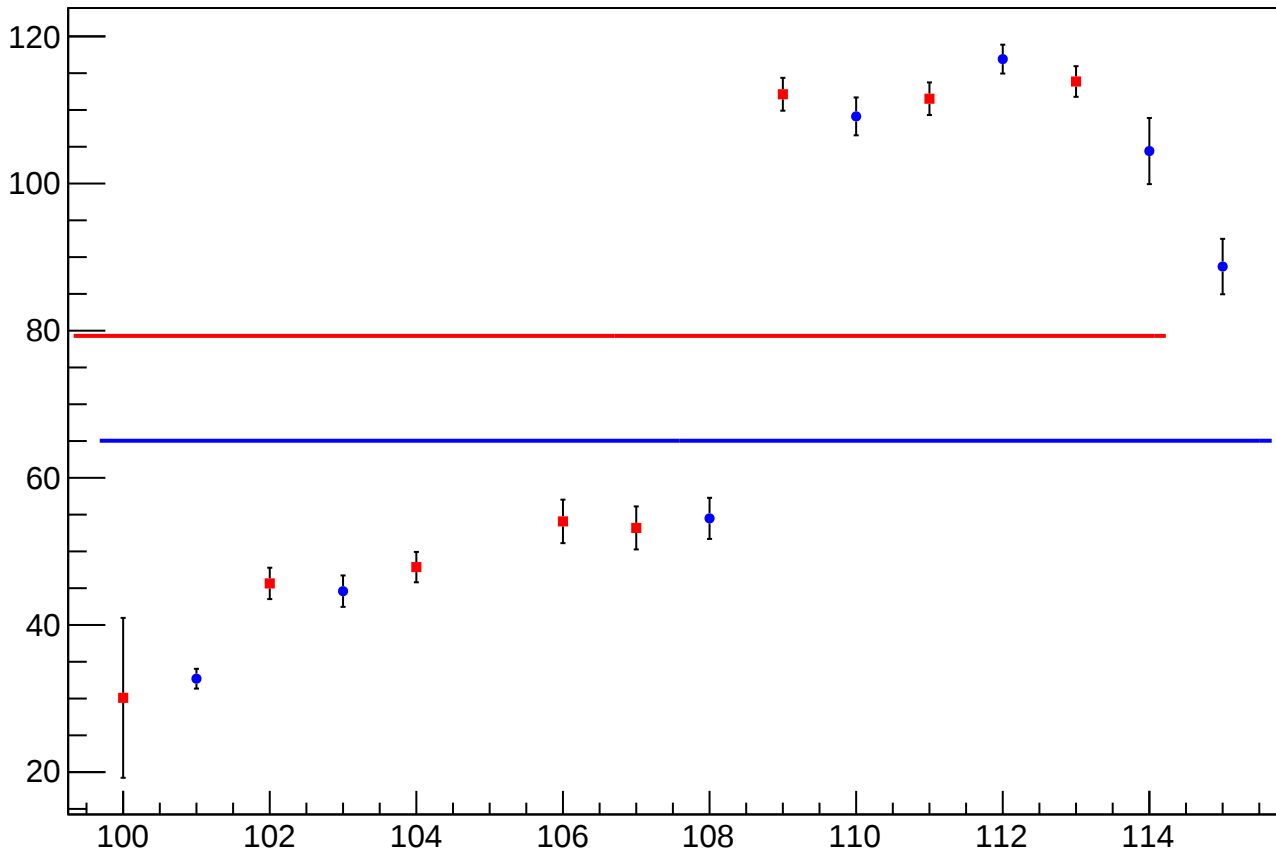
Right: 5.571+/-0.363 χ^2/NDF : 336.6/14

In: 4.501+/-0.495 χ^2/NDF : 197.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.571+/-0.363 χ^2/NDF : 336.6/14

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 65.043+/-0.836 χ^2/NDF : 1793.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.294+/-0.867 χ^2/NDF : 1357.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

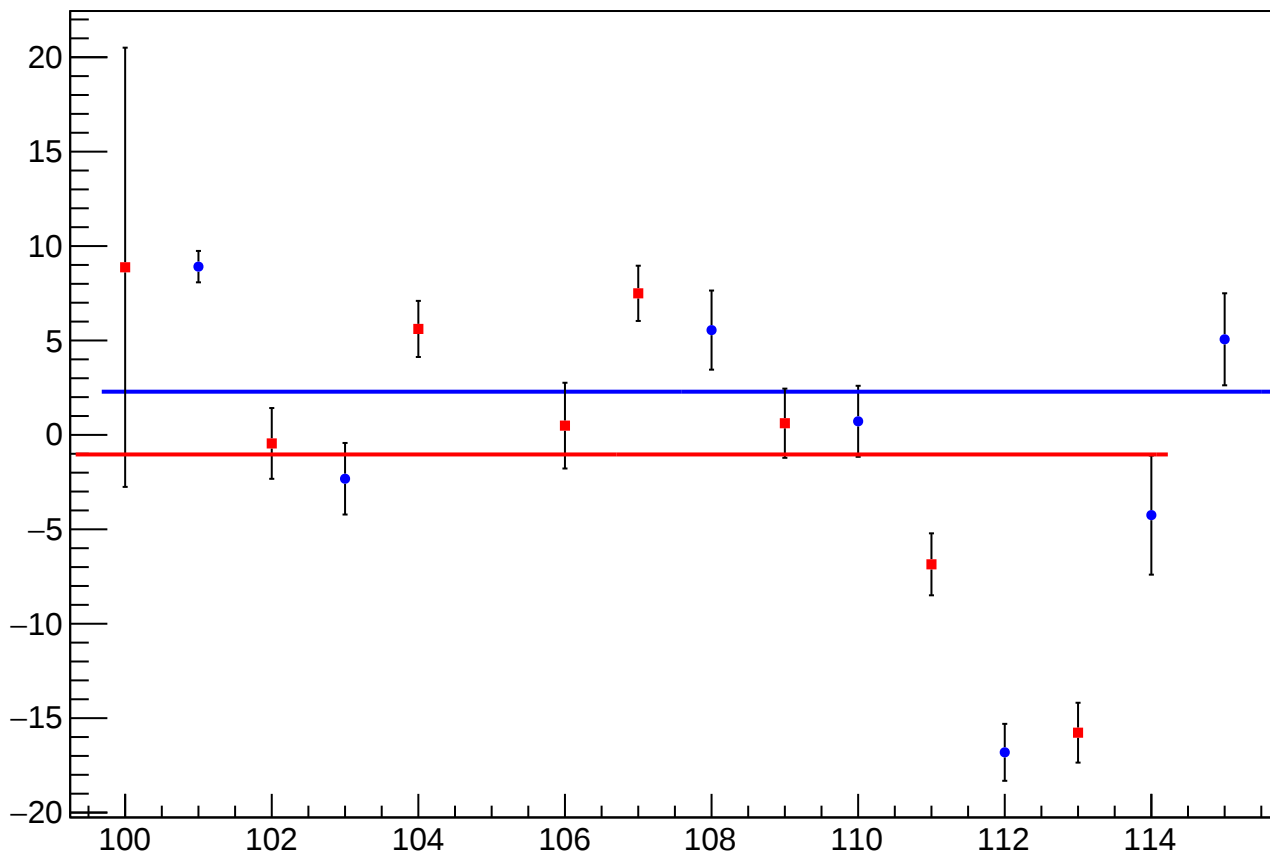
Right: 71.904+/-0.602 χ^2/NDF : 3290.2/14

In: 65.043+/-0.836 χ^2/NDF : 1793.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.904+/-0.602 χ^2/NDF : 3290.2/14

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.288+/-0.583 χ^2/NDF : 238.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.036+/-0.636 χ^2/NDF : 155.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

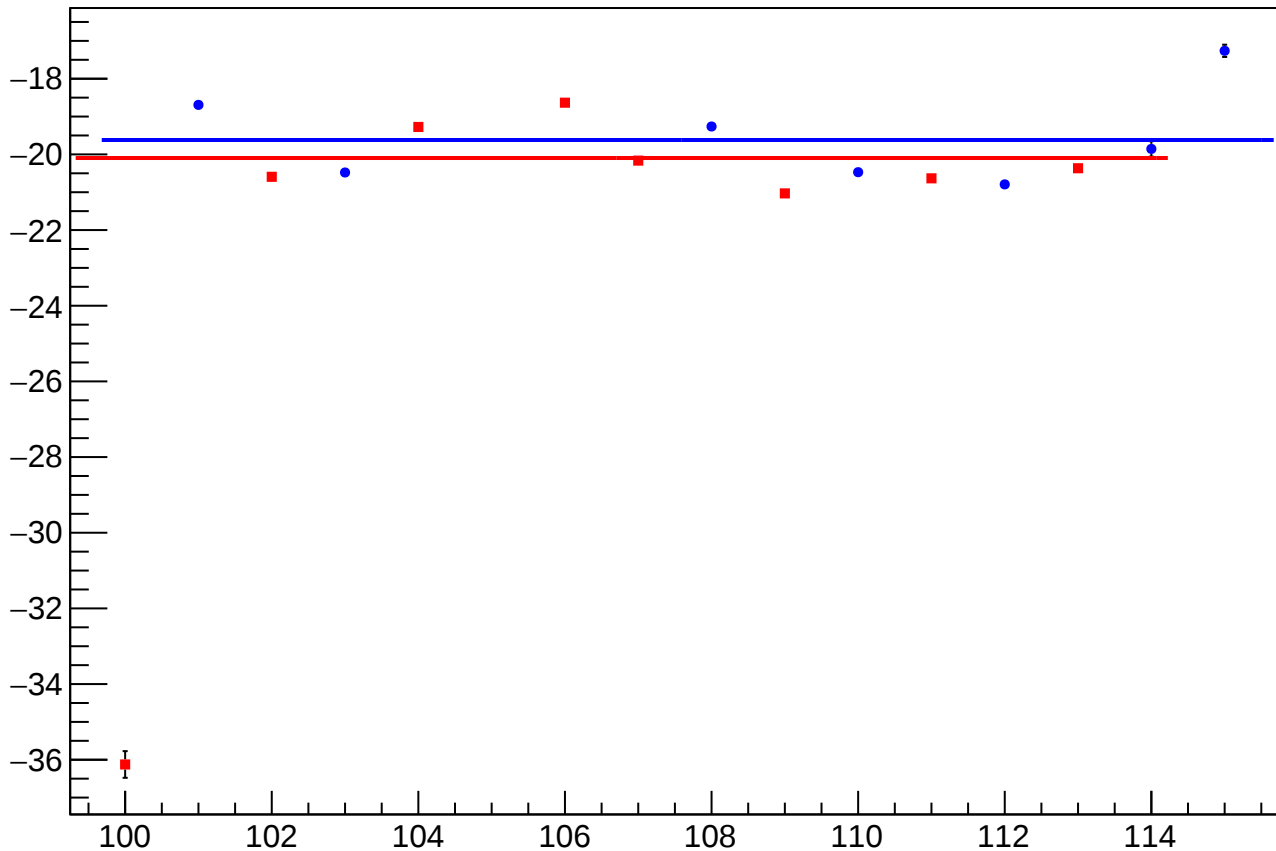
Right: 0.770+/-0.430 χ^2/NDF : 408.5/14

In: 2.288+/-0.583 χ^2/NDF : 238.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.770+/-0.430 χ^2/NDF : 408.5/14

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.620+/-0.027 χ^2/NDF : 1145.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.096+/-0.026 χ^2/NDF : 2906.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

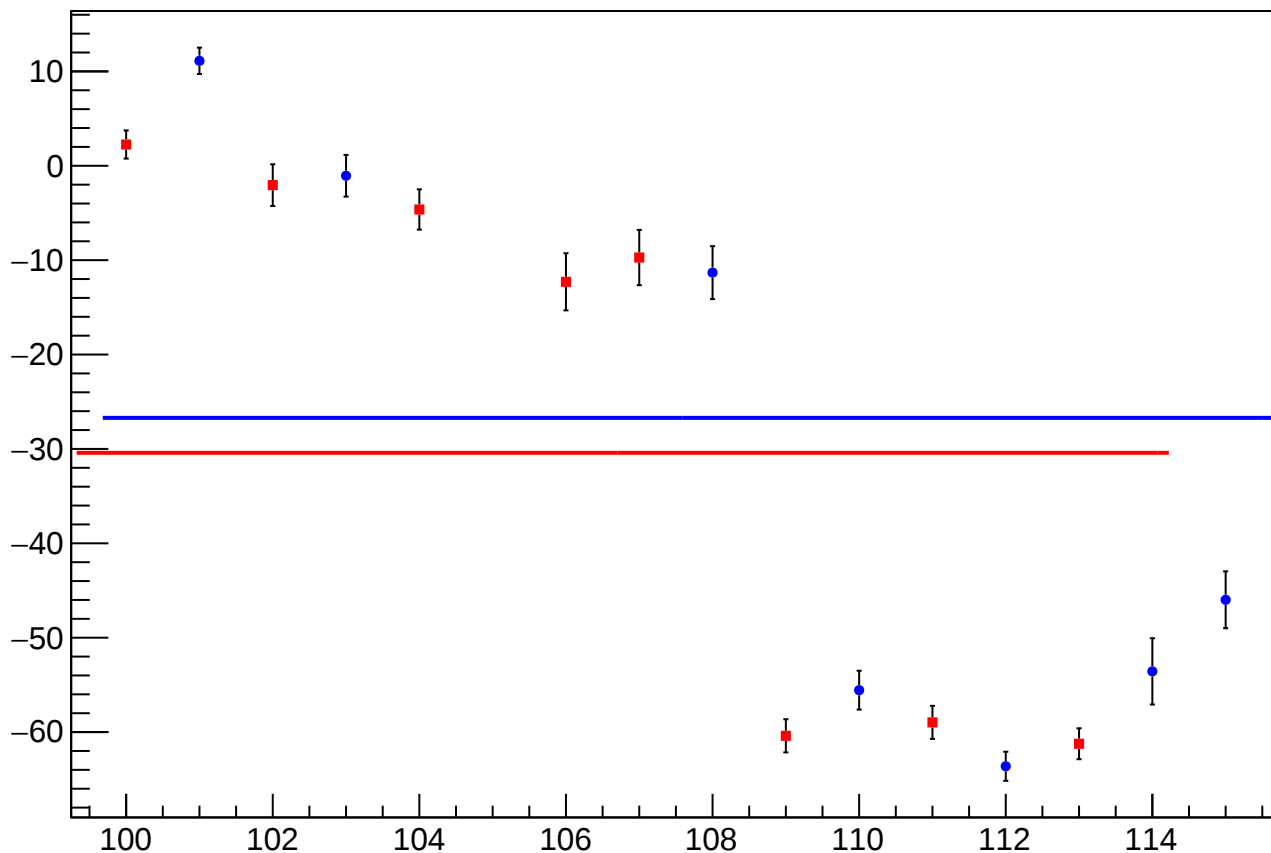
Right: -19.868+/-0.019 χ^2/NDF : 4212.2/14

In: -19.620+/-0.027 χ^2/NDF : 1145.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.868+/-0.019 χ^2/NDF : 4212.2/14

reg_asym_right_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -26.707 ± 0.769 $\chi^2/\text{NDF}: 1768.1/6$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -30.411 ± 0.687 $\chi^2/\text{NDF}: 1786.7/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

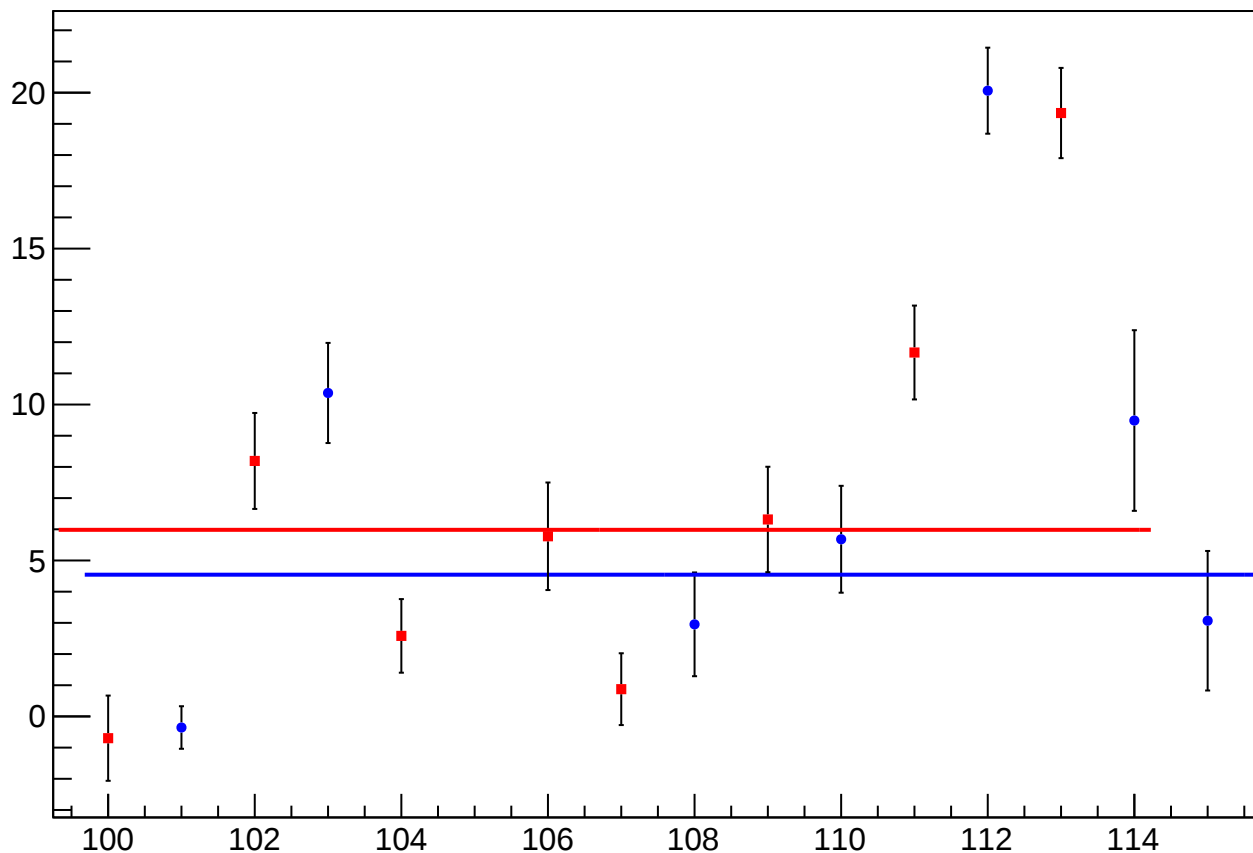
Right: -28.767 ± 0.512 $\chi^2/\text{NDF}: 3567.7/14$

In: -26.707 ± 0.769 $\chi^2/\text{NDF}: 1768.1/6$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -28.767 ± 0.512 $\chi^2/\text{NDF}: 3567.7/14$

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.544+/-0.495 χ^2/NDF : 196.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.983+/-0.498 χ^2/NDF : 153.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

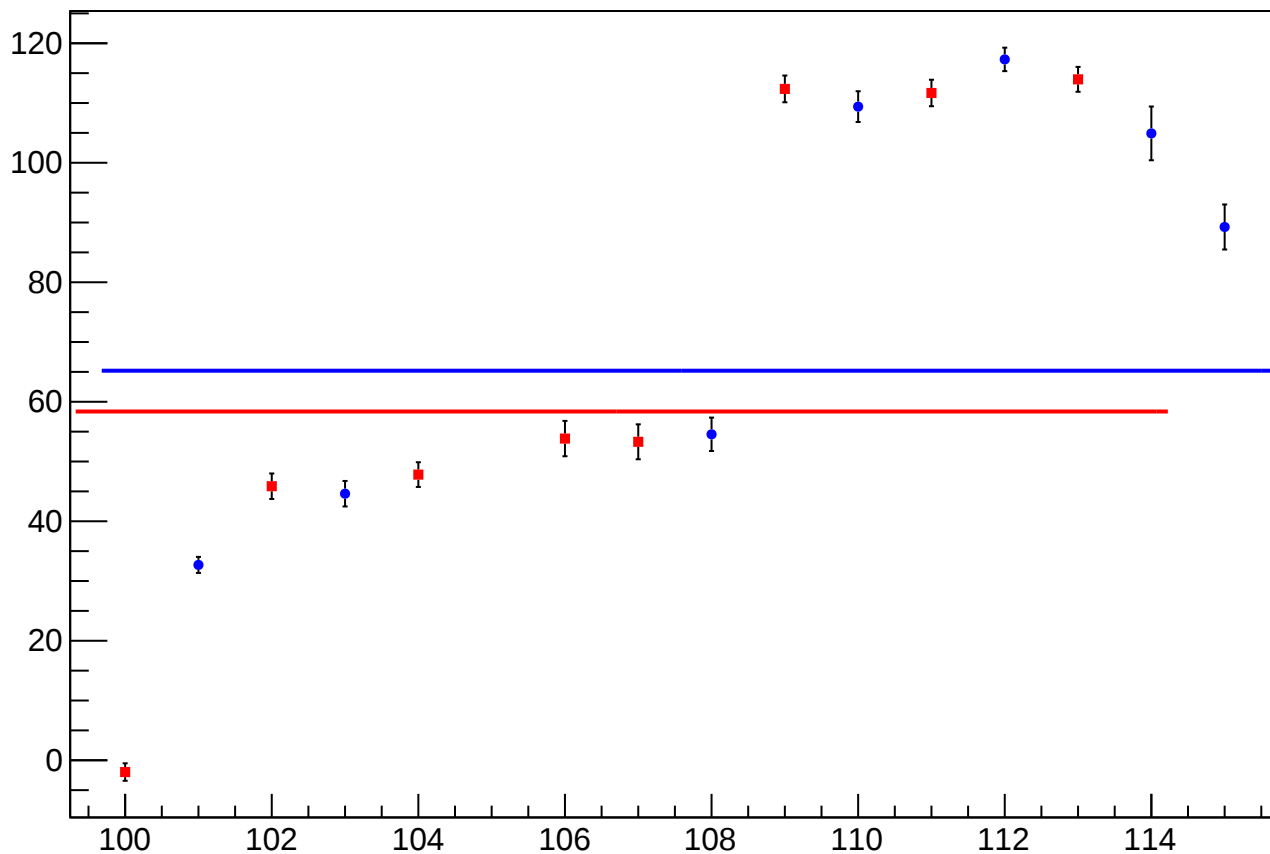
Right: 5.260+/-0.351 χ^2/NDF : 353.9/14

In: 4.544+/-0.495 χ^2/NDF : 196.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.260+/-0.351 χ^2/NDF : 353.9/14

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 65.198+/-0.836 χ^2 /NDF: 1809.2/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 58.371+/-0.748 χ^2 /NDF: 3637.3/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

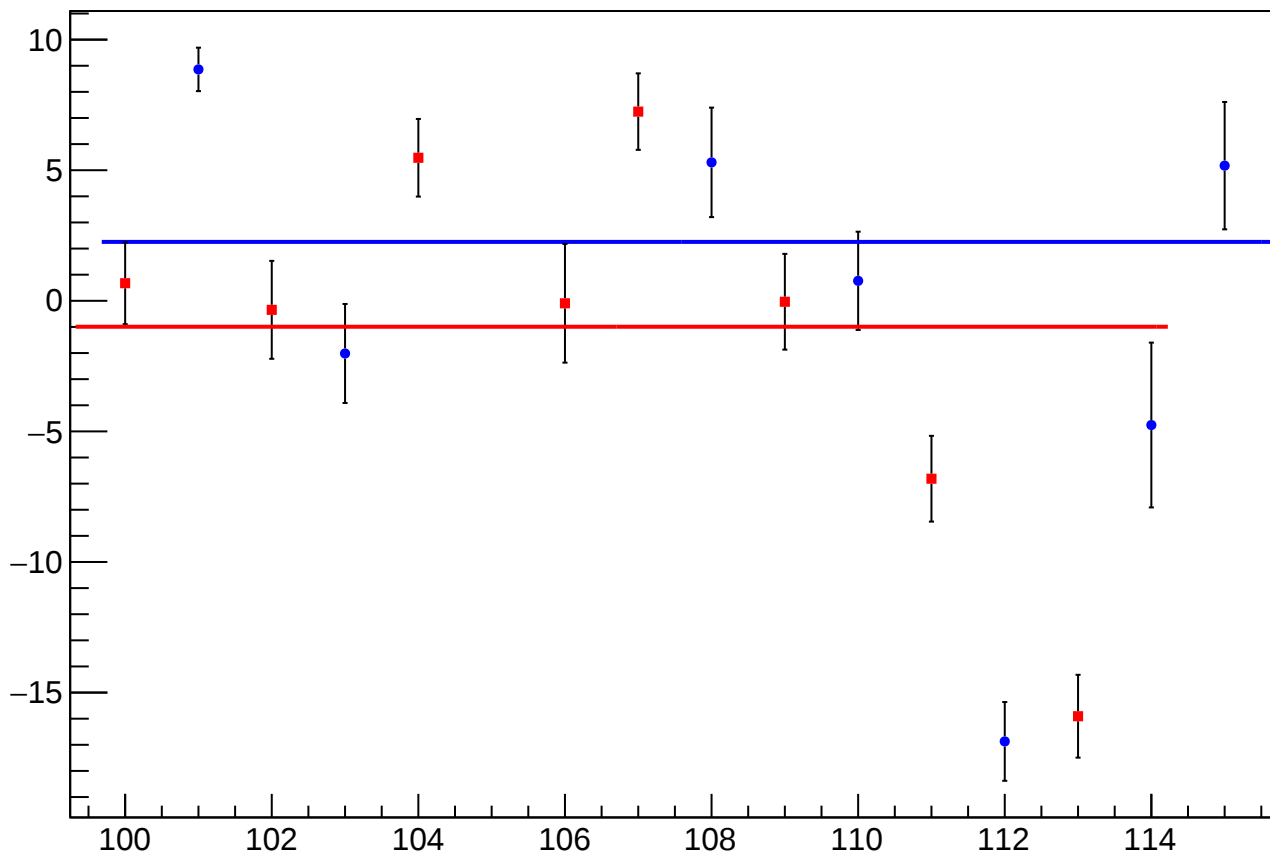
Right: 61.408+/-0.558 χ^2 /NDF: 5483.5/14

In: 65.198+/-0.836 χ^2 /NDF:1809.2/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 61.408+/-0.558 χ^2 /NDF: 5483.5/14

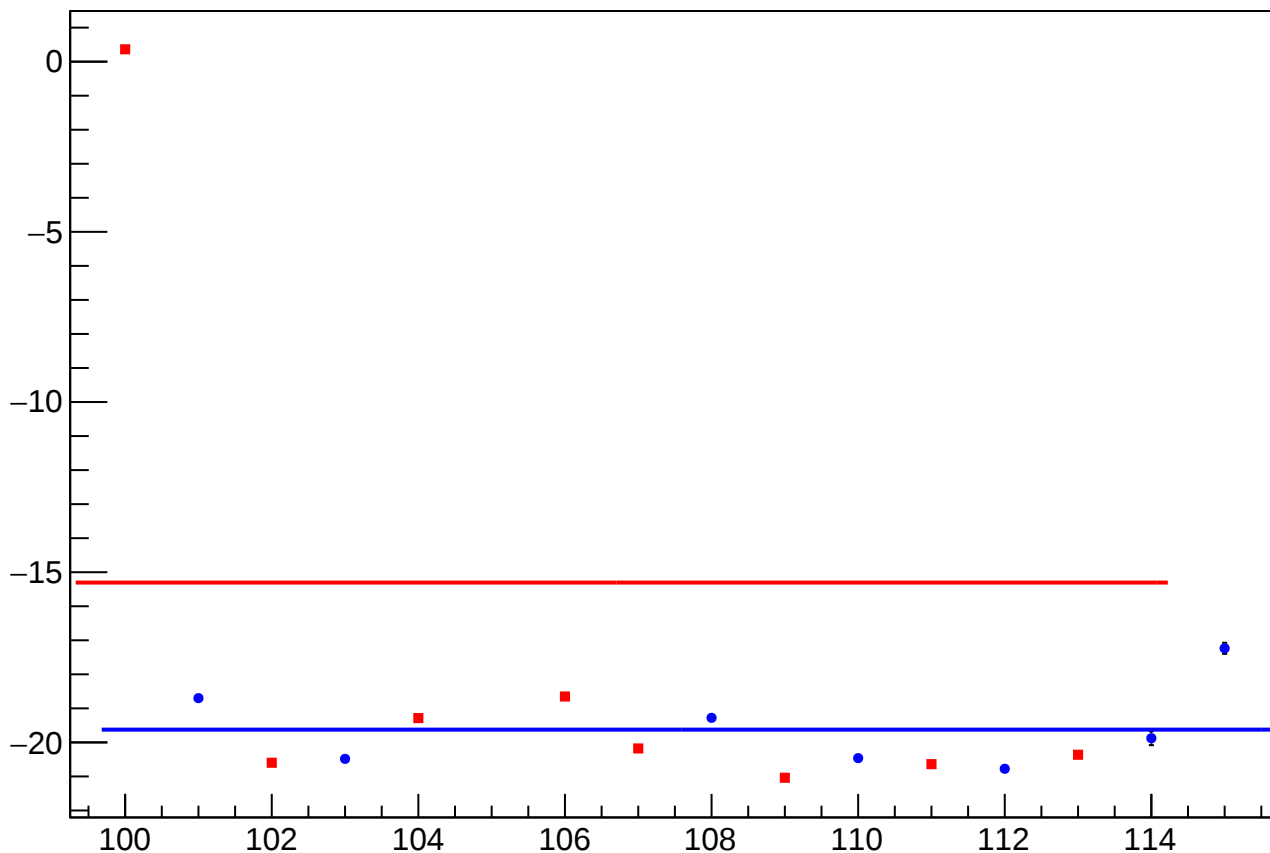
reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.256 $\pm$ 0.583 χ^2 /NDF: 238.0/6
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -0.993 $\pm$ 0.590 χ^2 /NDF: 153.3/7
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.651 $\pm$ 0.415 χ^2 /NDF: 406.6/14
 In: 2.256 $\pm$ 0.583 χ^2 /NDF: 238.0/6
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.651 $\pm$ 0.415 χ^2 /NDF: 406.6/14

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.624 ± 0.027 $\chi^2/\text{NDF}: 1138.3/6$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -15.304 ± 0.023 $\chi^2/\text{NDF}: 142270.4/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

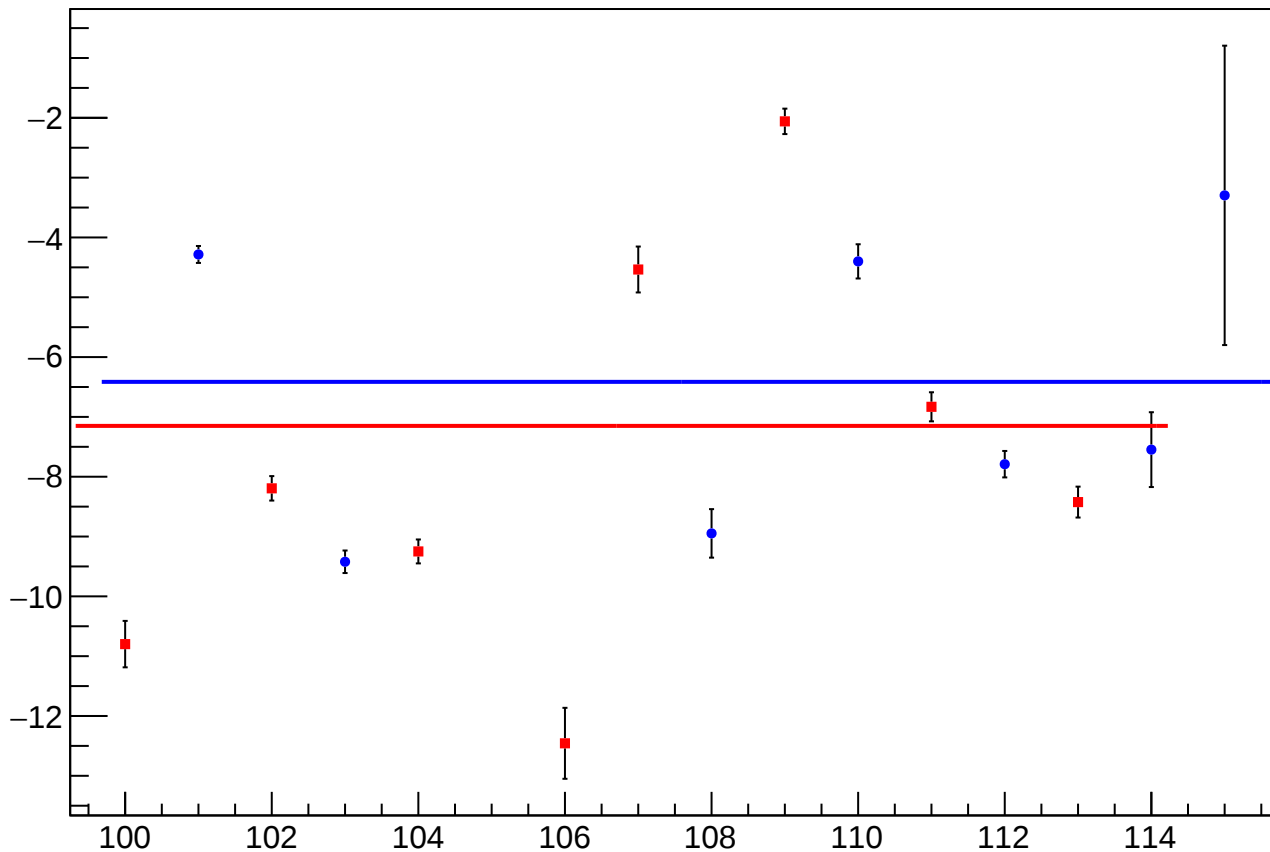
Right: -17.094 ± 0.017 $\chi^2/\text{NDF}: 158225.8/14$

In: -19.624 ± 0.027 $\chi^2/\text{NDF}: 1138.3/6$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -17.094 ± 0.017 $\chi^2/\text{NDF}: 158225.8/14$

reg_asym_sam_15_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -6.414+/-0.091 χ^2/NDF : 613.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.150+/-0.092 χ^2/NDF : 950.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

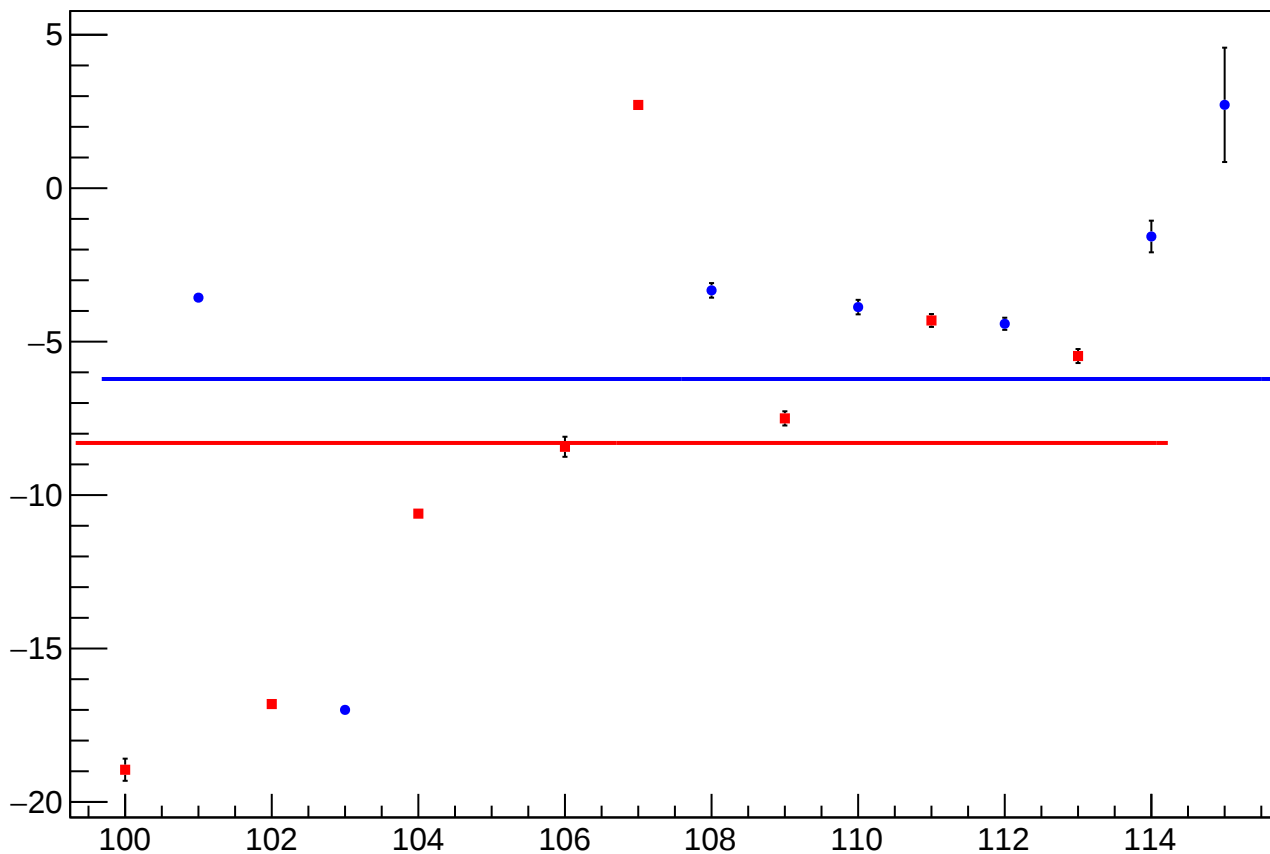
Right: -6.782+/-0.065 χ^2/NDF : 1596.4/14

In: -6.414+/-0.091 χ^2/NDF : 613.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.782+/-0.065 χ^2/NDF : 1596.4/14

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.217 $\pm$ 0.059 χ^2 /NDF: 7961.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -8.301 $\pm$ 0.065 χ^2 /NDF: 10253.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

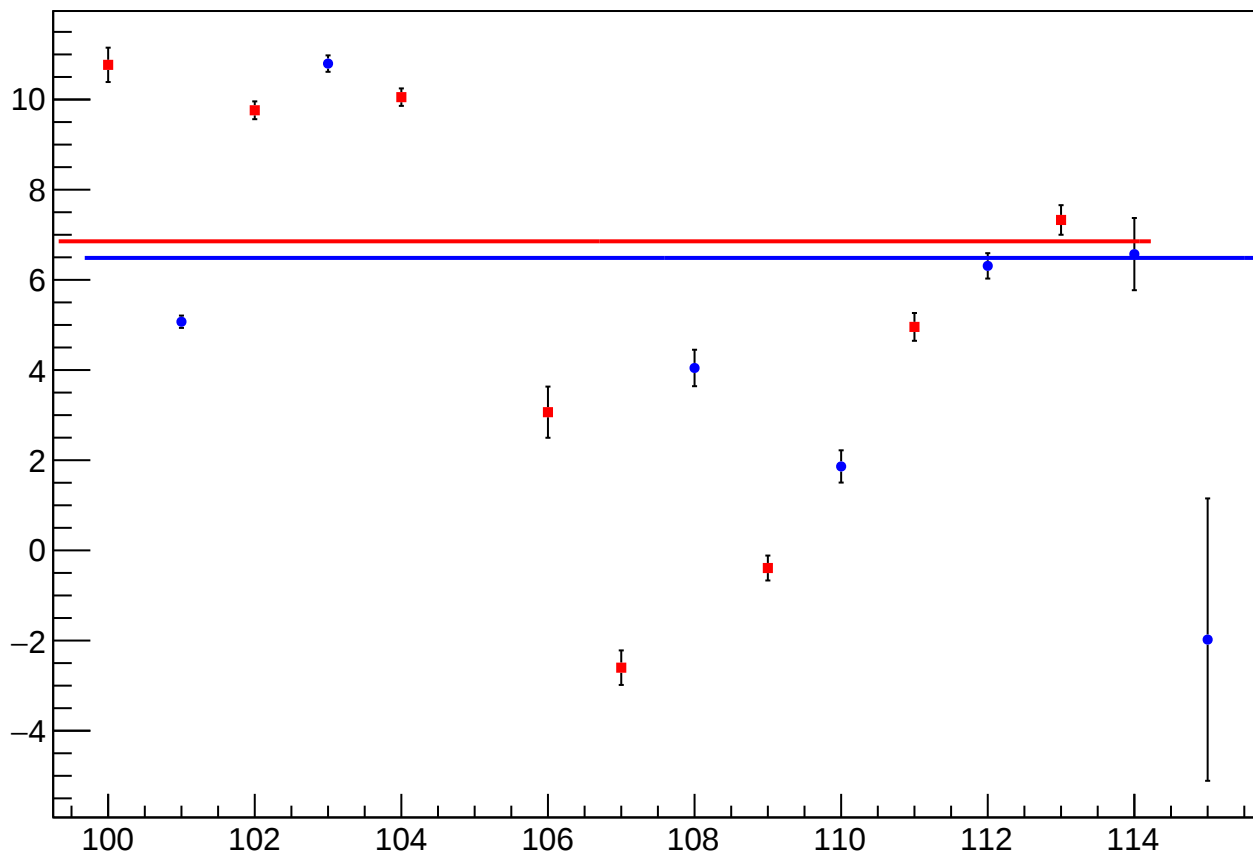
Right: -7.158 $\pm$ 0.044 χ^2 /NDF: 18770.5/14

In: -6.217 $\pm$ 0.059 χ^2 /NDF:7961.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -7.158 $\pm$ 0.044 χ^2 /NDF: 18770.5/14

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.487+/-0.094 χ^2/NDF : 878.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.855+/-0.099 χ^2/NDF : 1975.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

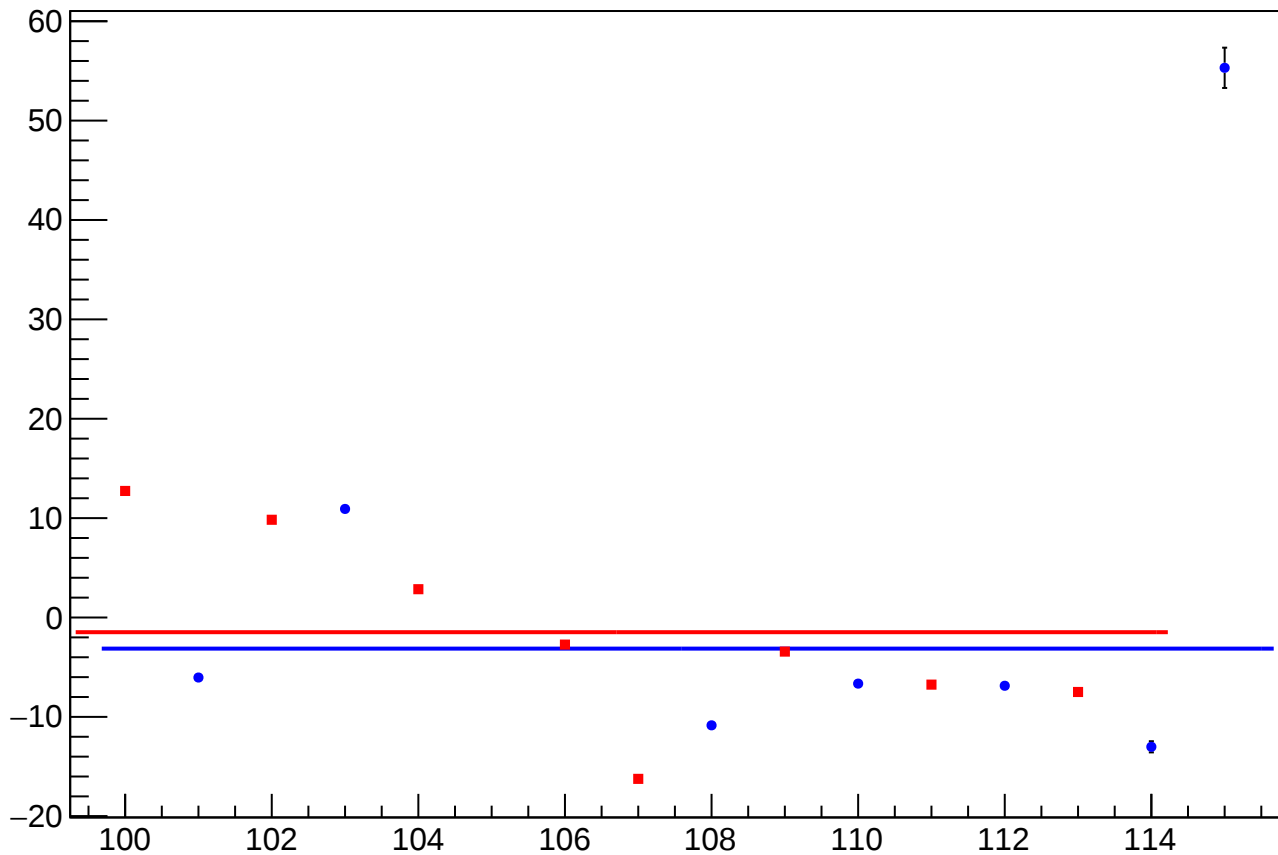
Right: 6.662+/-0.068 χ^2/NDF : 2862.0/14

In: 6.487+/-0.094 χ^2/NDF : 878.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.662+/-0.068 χ^2/NDF : 2862.0/14

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -3.130+/-0.071 χ^2/NDF : 11009.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.478+/-0.078 χ^2/NDF : 12937.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

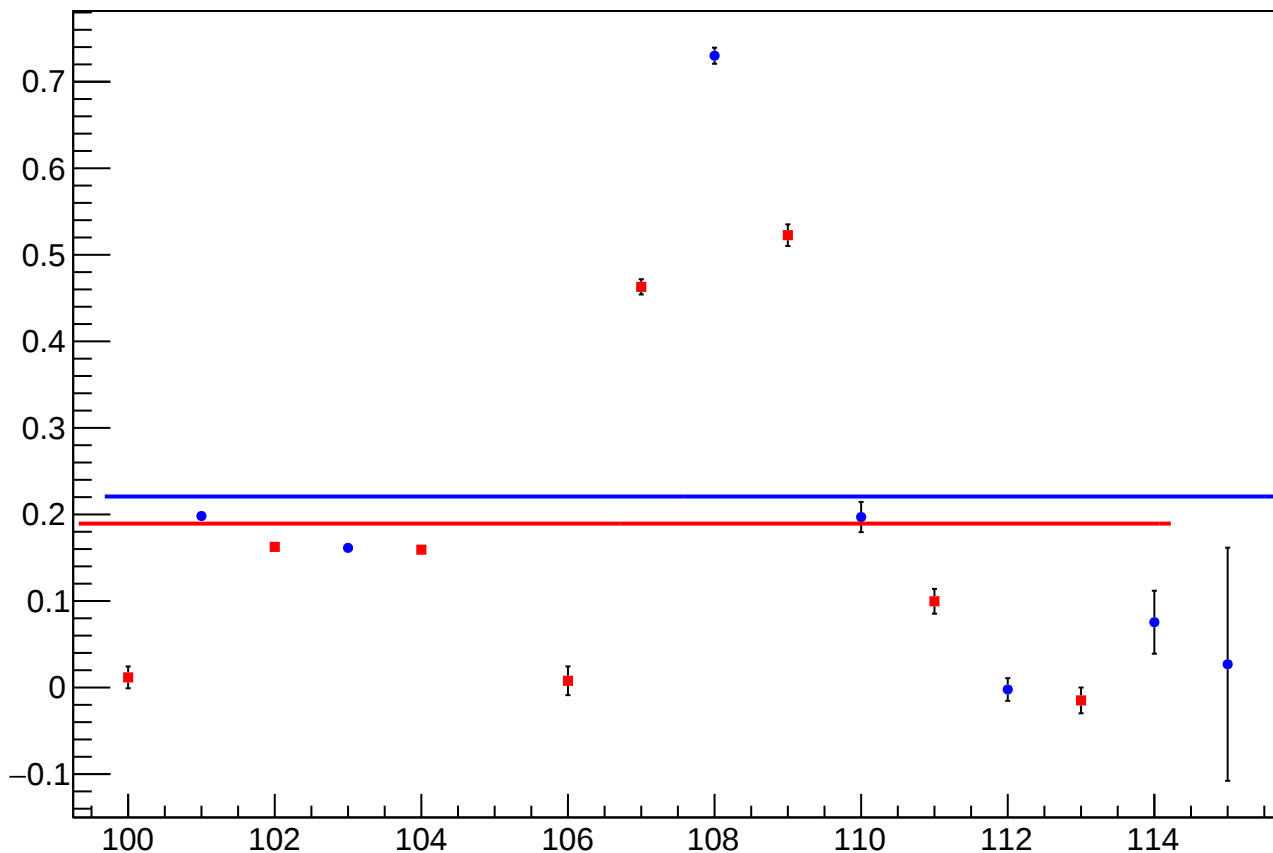
Right: -2.385+/-0.052 χ^2/NDF : 24193.5/14

In: -3.130+/-0.071 χ^2/NDF : 11009.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.385+/-0.052 χ^2/NDF : 24193.5/14

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.221+/-0.003 χ^2/NDF : 3548.6/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.189+/-0.003 χ^2/NDF : 2292.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

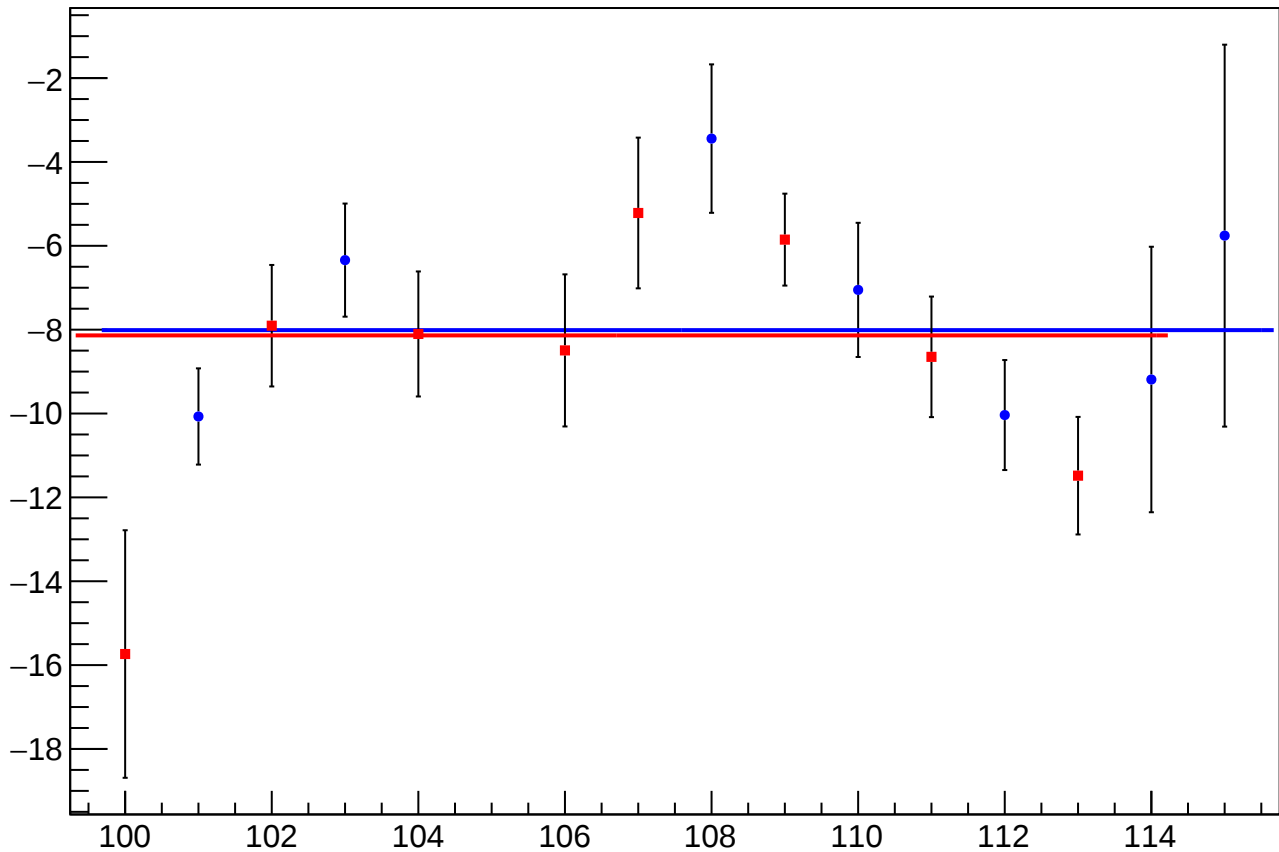
Right: 0.205+/-0.002 χ^2/NDF : 5901.2/14

In: 0.221+/-0.003 χ^2/NDF :3548.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.205+/-0.002 χ^2/NDF : 5901.2/14

reg_asym_sam_15_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -8.011 ± 0.603 χ^2/NDF : 14.5/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.137 ± 0.536 χ^2/NDF : 19.5/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

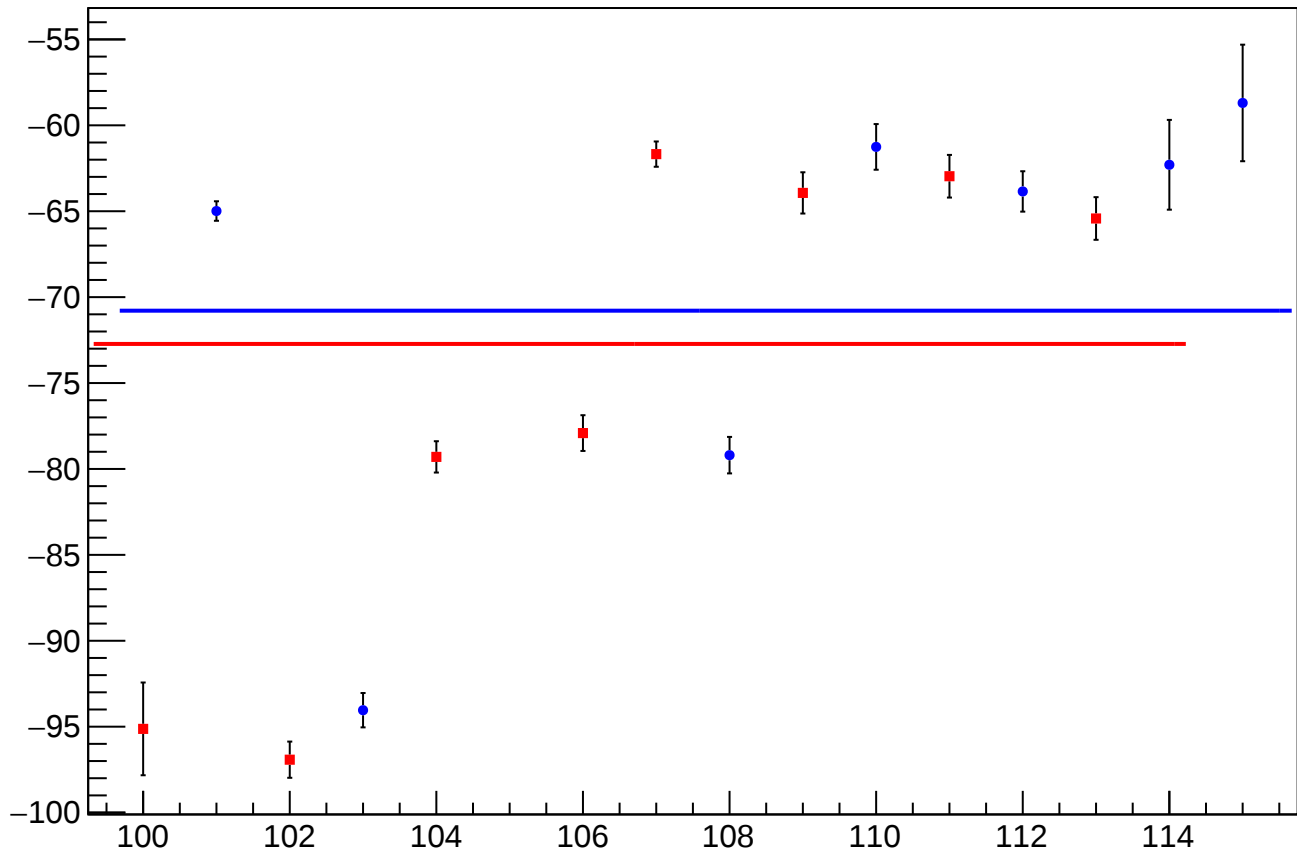
Right: -8.081 ± 0.401 χ^2/NDF : 34.1/14

In: -8.011 ± 0.603 χ^2/NDF : 14.5/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.081 ± 0.401 χ^2/NDF : 34.1/14

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -70.788 $\pm$ 0.392 χ^2 /NDF: 817.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -72.724 $\pm$ 0.378 χ^2 /NDF: 1048.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

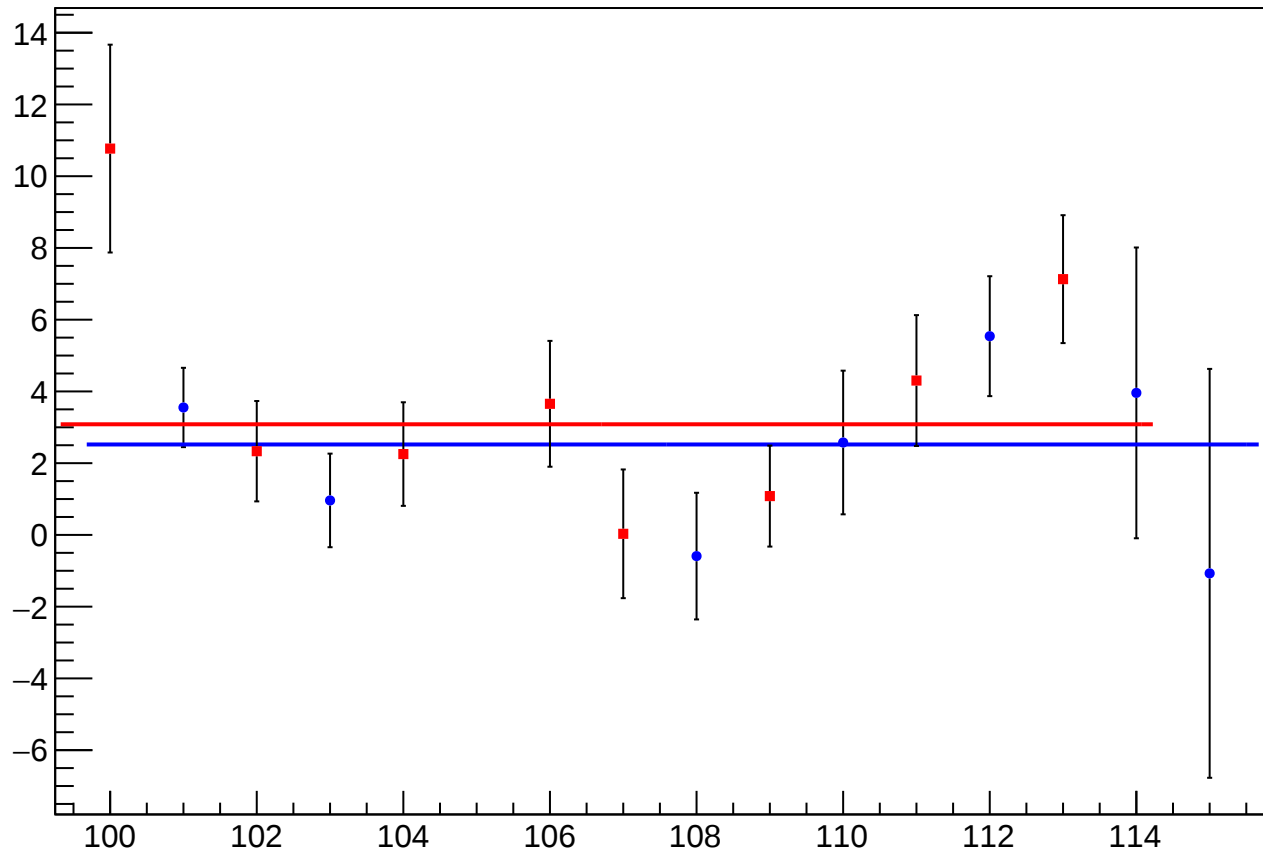
Right: -71.791 $\pm$ 0.272 χ^2 /NDF: 1878.5/14

In: -70.788 $\pm$ 0.392 χ^2 /NDF:817.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -71.791 $\pm$ 0.272 χ^2 /NDF: 1878.5/14

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.521+/-0.642 χ^2/NDF : 9.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.084+/-0.591 χ^2/NDF : 18.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

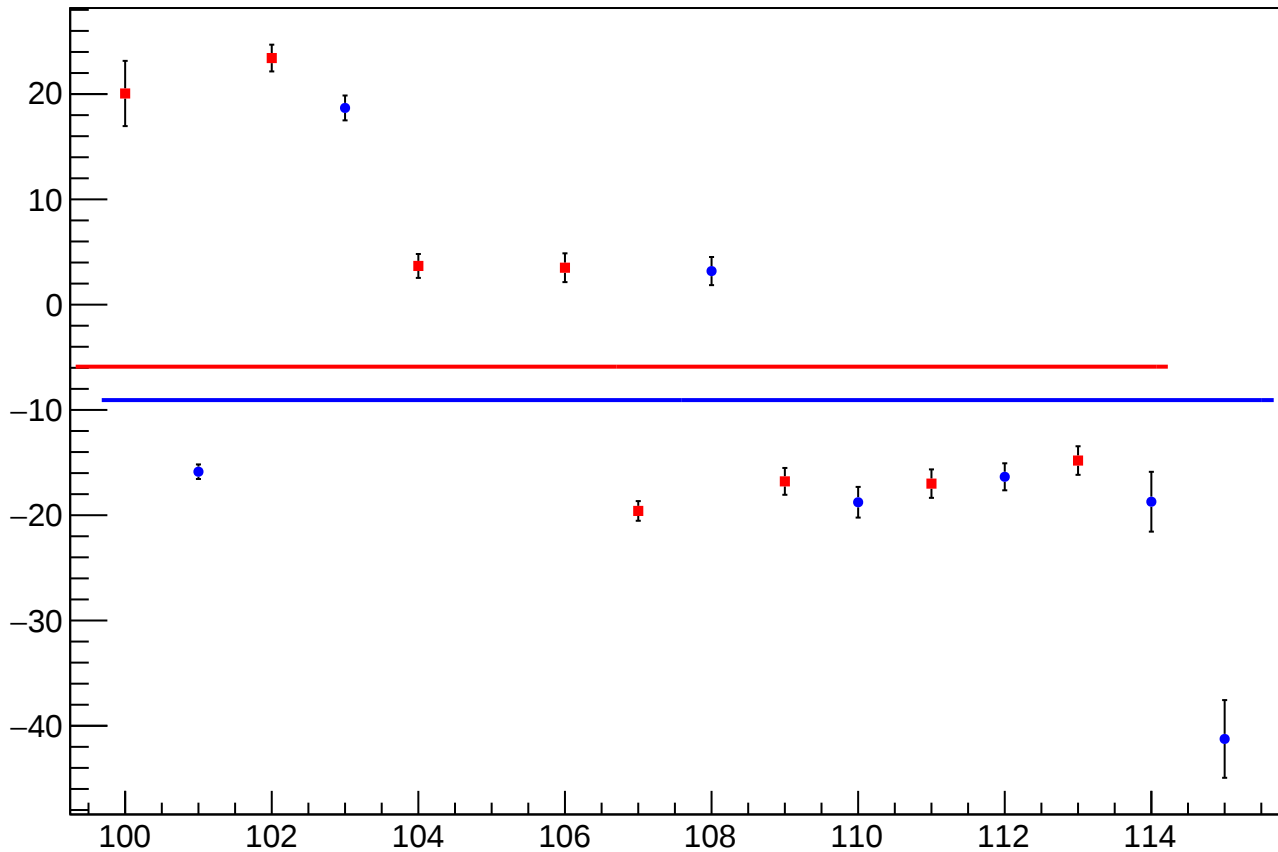
Right: 2.826+/-0.435 χ^2/NDF : 27.9/14

In: 2.521+/-0.642 χ^2/NDF : 9.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.826+/-0.435 χ^2/NDF : 27.9/14

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -9.065+/-0.464 χ^2 /NDF: 897.2/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -5.891+/-0.452 χ^2 /NDF: 1119.3/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

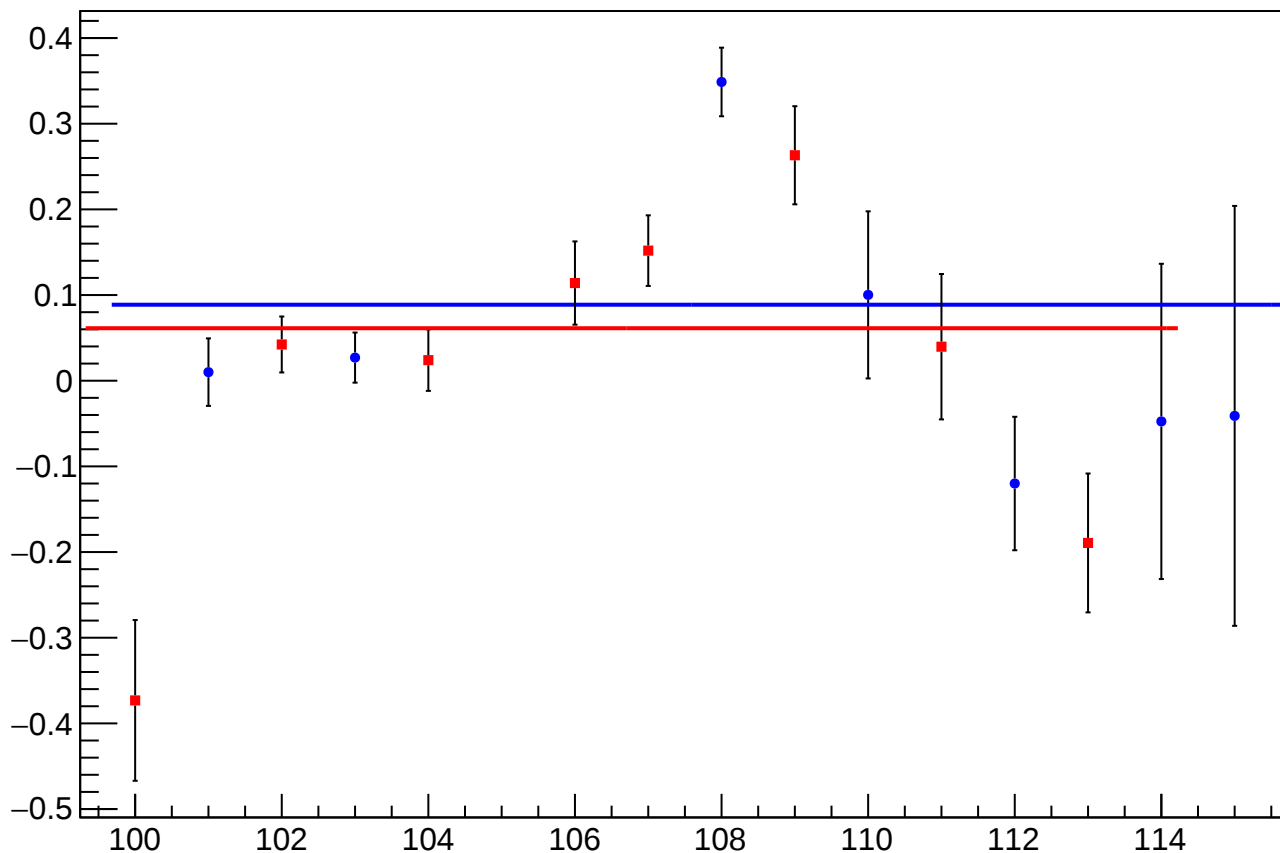
Right: -7.438+/-0.324 χ^2 /NDF: 2040.5/14

In: -9.065+/-0.464 χ^2 /NDF:897.2/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -7.438+/-0.324 χ^2 /NDF: 2040.5/14

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.089+/-0.019 χ^2/NDF : 58.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.061+/-0.017 χ^2/NDF : 50.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

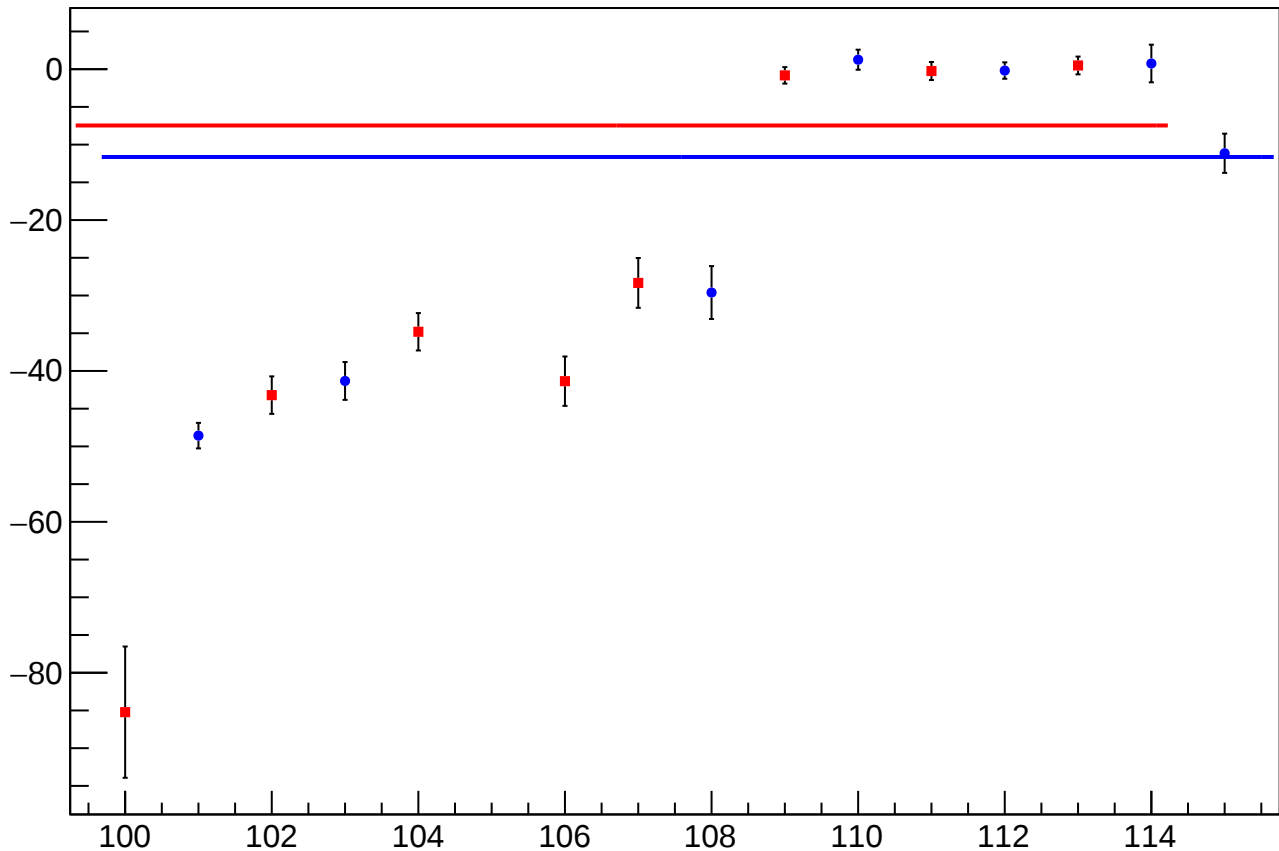
Right: 0.073+/-0.013 χ^2/NDF : 110.7/14

In: 0.089+/-0.019 χ^2/NDF : 58.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.073+/-0.013 χ^2/NDF : 110.7/14

reg_asym_sam_37_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -11.640+/-0.658 χ^2/NDF : 872.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.461+/-0.600 χ^2/NDF : 674.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

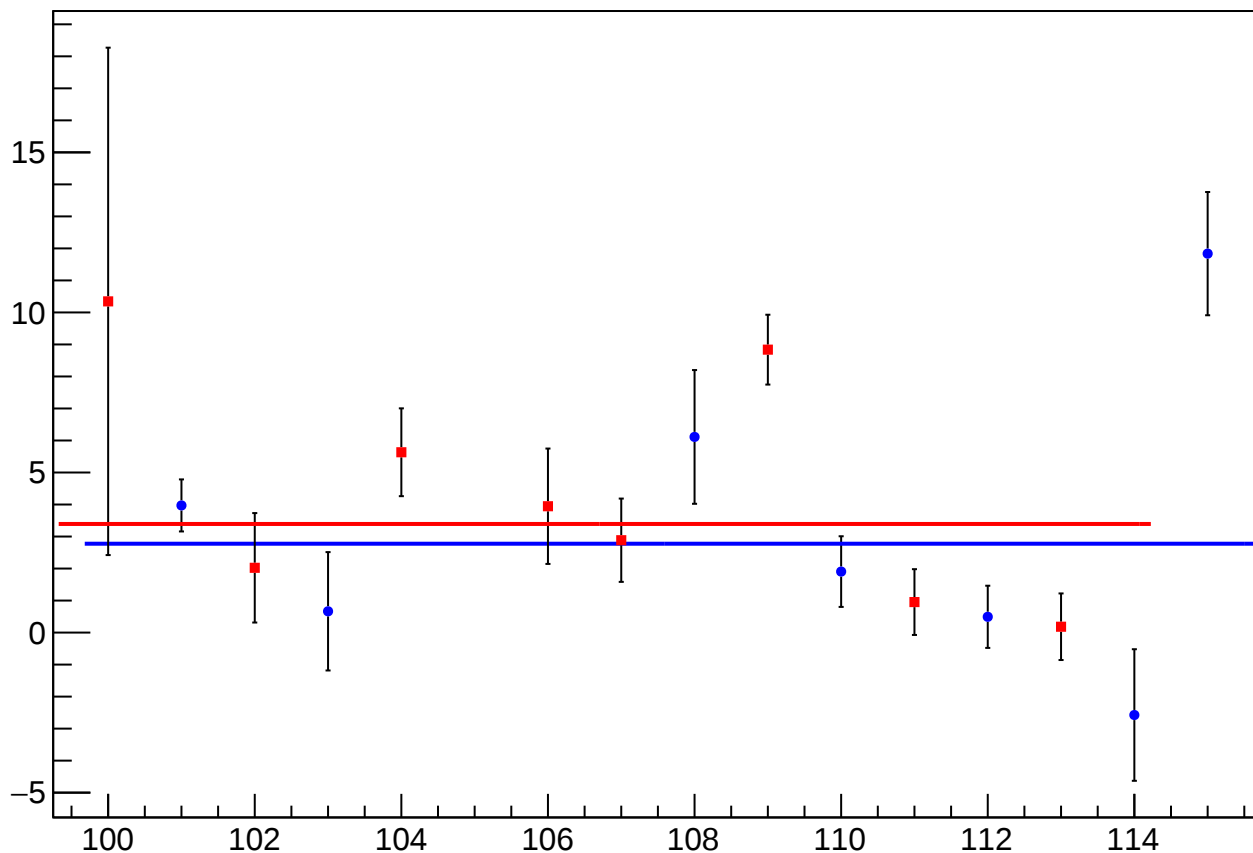
Right: -9.358+/-0.443 χ^2/NDF : 1568.9/14

In: -11.640+/-0.658 χ^2/NDF : 872.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.358+/-0.443 χ^2/NDF : 1568.9/14

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.776+/-0.475 χ^2/NDF : 41.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.393+/-0.471 χ^2/NDF : 44.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

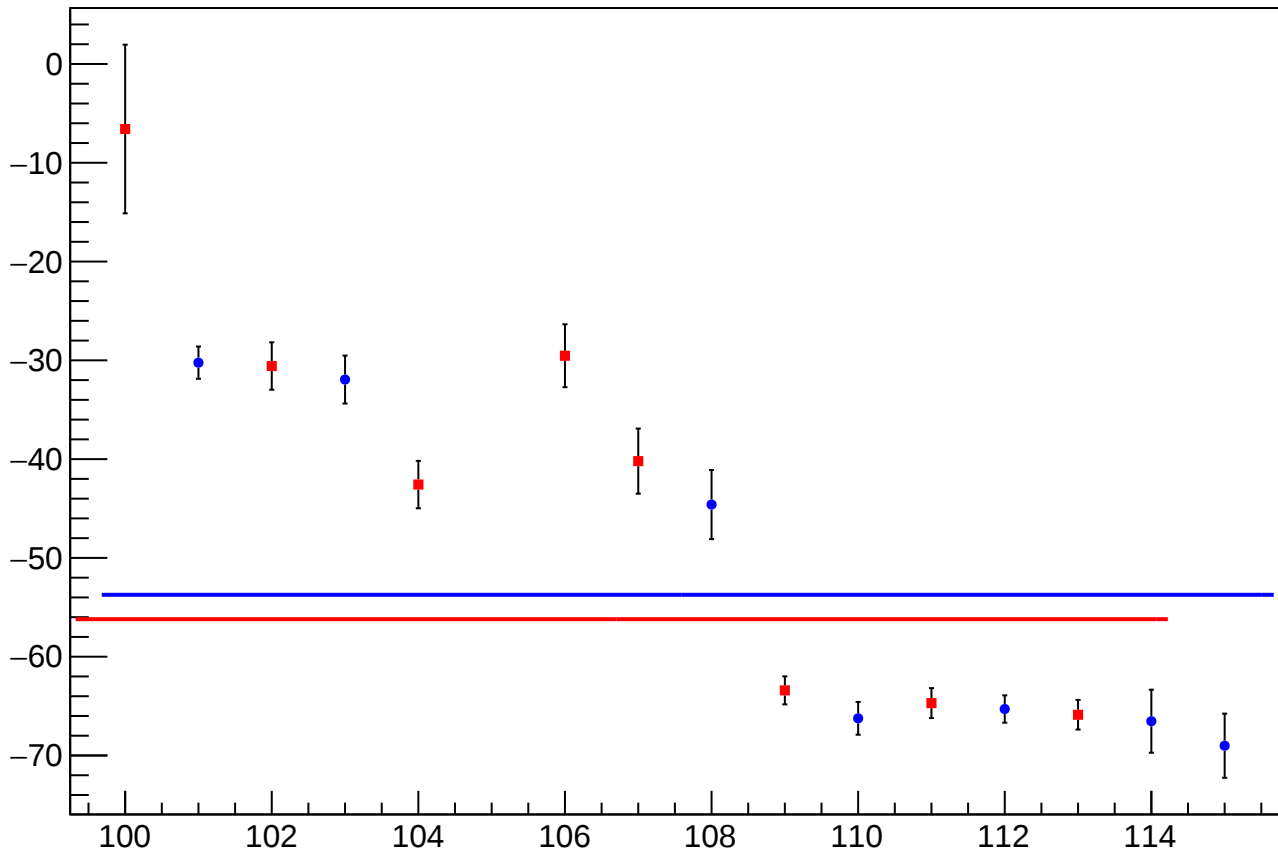
Right: 3.087+/-0.335 χ^2/NDF : 86.4/14

In: 2.776+/-0.475 χ^2/NDF : 41.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.087+/-0.335 χ^2/NDF : 86.4/14

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -53.733+/-0.766 χ^2/NDF : 459.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -56.201+/-0.720 χ^2/NDF : 372.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

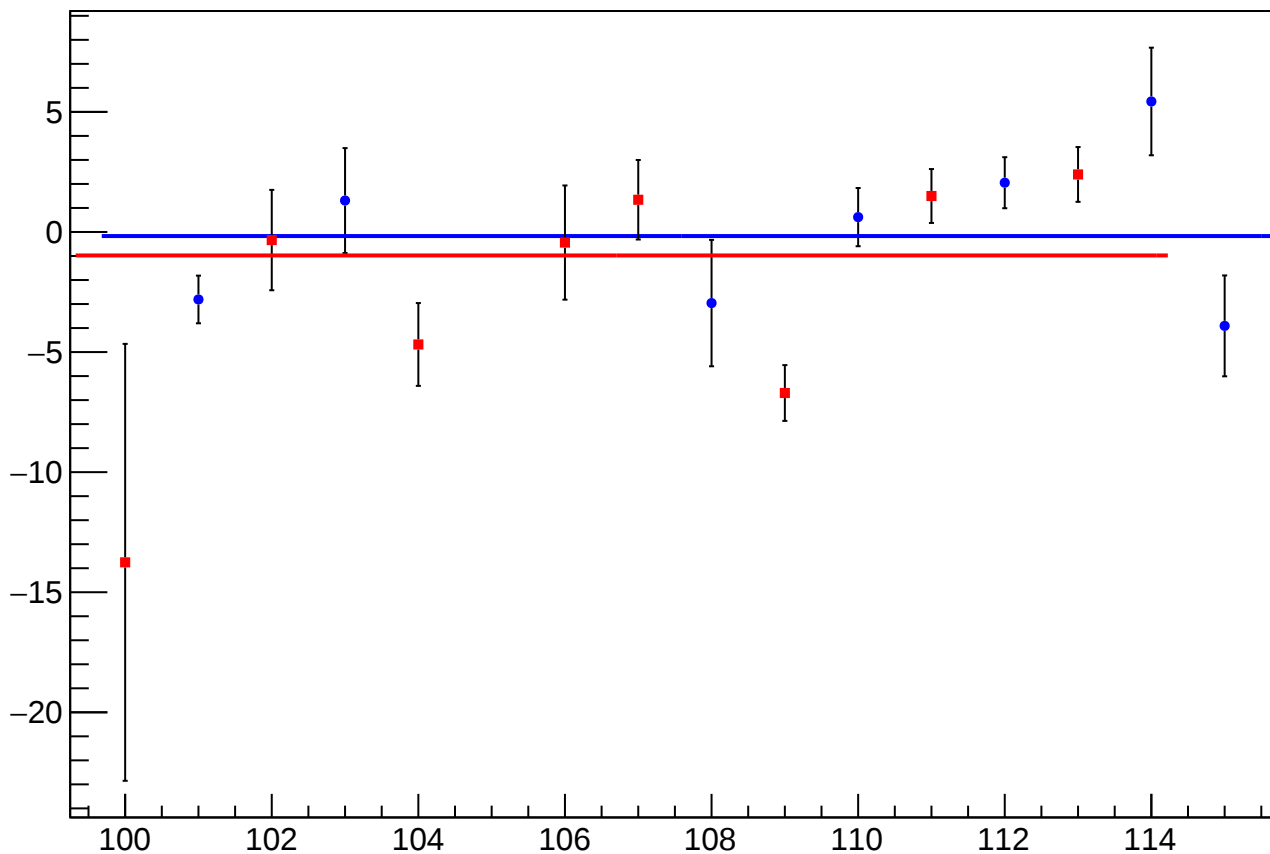
Right: -55.044+/-0.524 χ^2/NDF : 838.3/14

In: -53.733+/-0.766 χ^2/NDF : 459.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.044+/-0.524 χ^2/NDF : 838.3/14

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.170+/-0.545 χ^2/NDF : 22.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.977+/-0.540 χ^2/NDF : 46.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

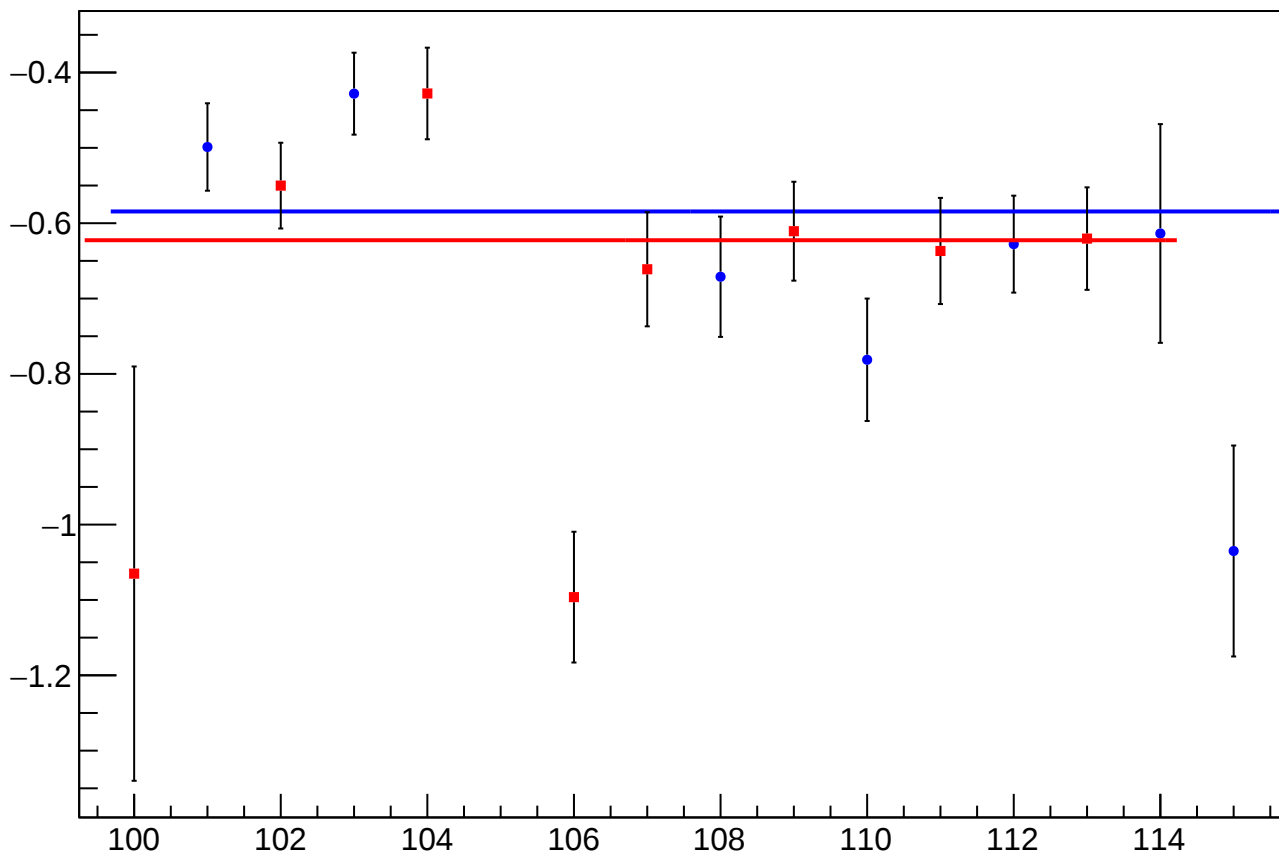
Right: -0.577+/-0.384 χ^2/NDF : 70.6/14

In: -0.170+/-0.545 χ^2/NDF : 22.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.577+/-0.384 χ^2/NDF : 70.6/14

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.584+/-0.028 χ^2/NDF : 28.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.623+/-0.025 χ^2/NDF : 44.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

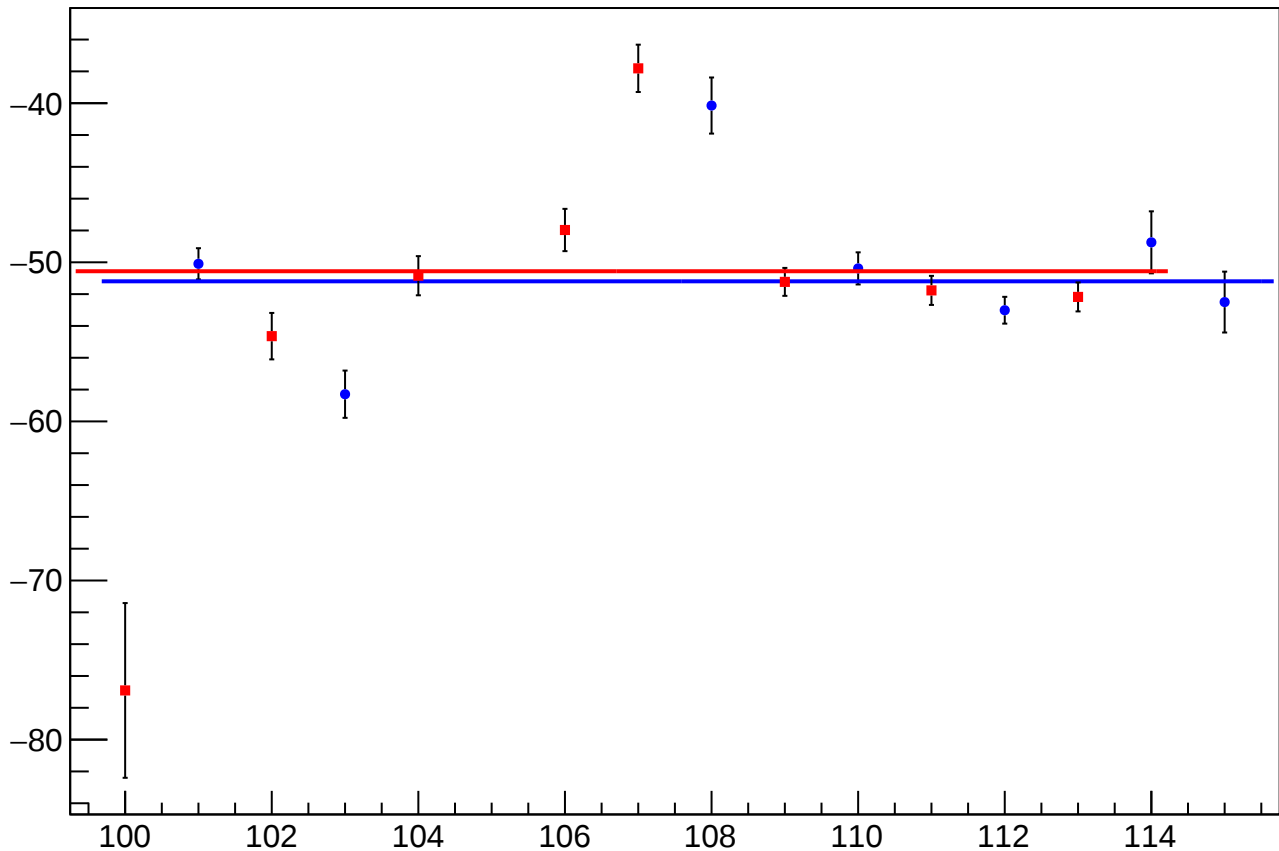
Right: -0.605+/-0.019 χ^2/NDF : 74.0/14

In: -0.584+/-0.028 χ^2/NDF : 28.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.605+/-0.019 χ^2/NDF : 74.0/14

reg_asym_sam_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -51.195 $\pm$ 0.459 χ^2 /NDF: 70.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -50.562 $\pm$ 0.412 χ^2 /NDF: 113.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

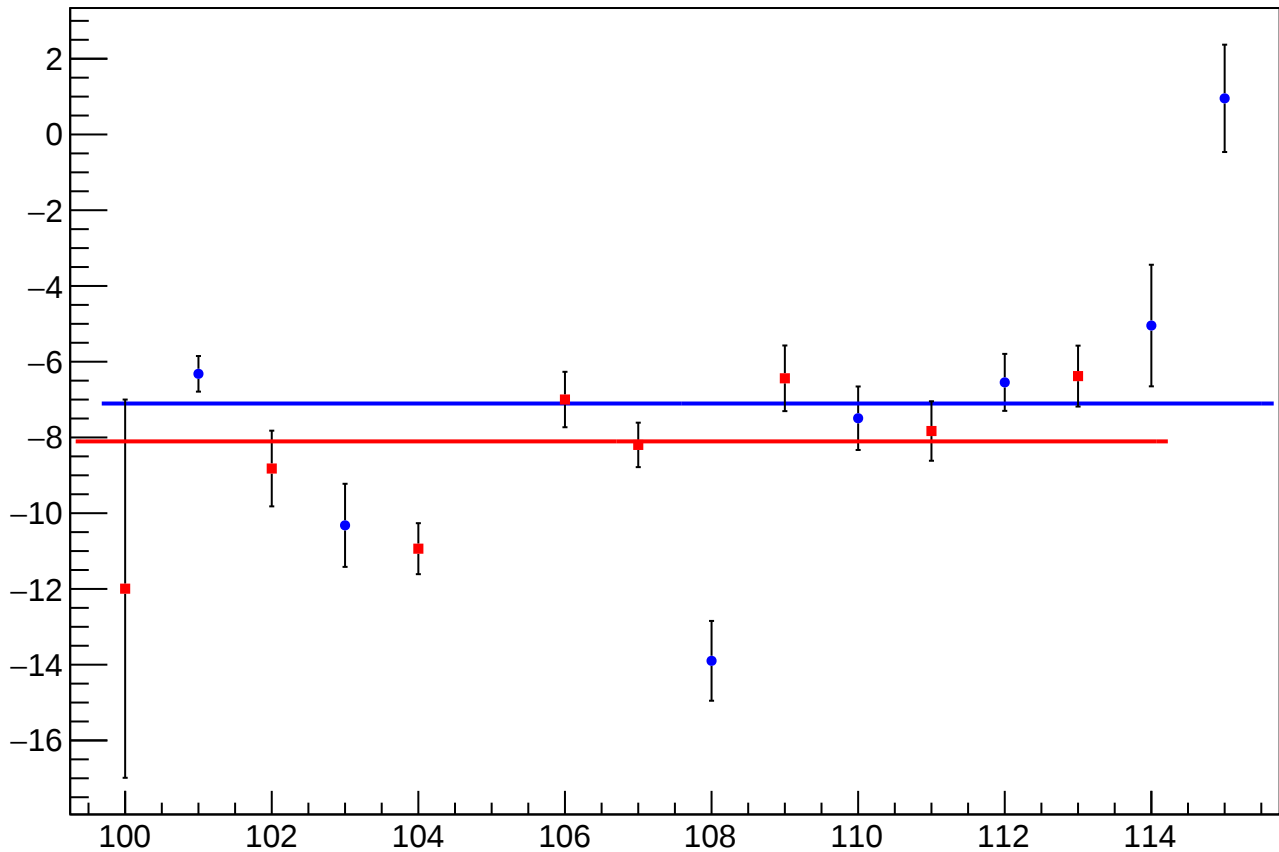
Right: -50.844 $\pm$ 0.307 χ^2 /NDF: 185.4/14

In: -51.195 $\pm$ 0.459 χ^2 /NDF: 70.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -50.844 $\pm$ 0.307 χ^2 /NDF: 185.4/14

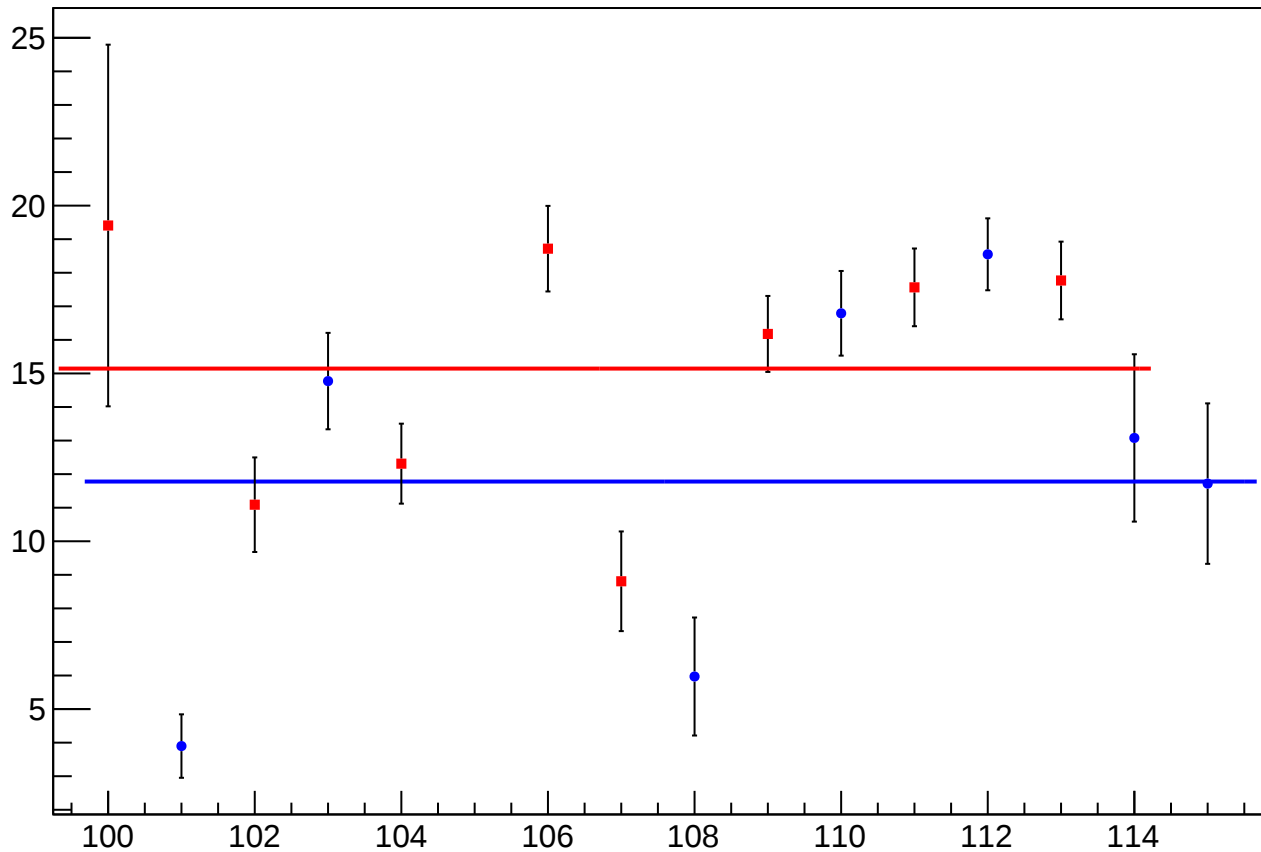
reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.104 ± 0.311 χ^2/NDF : 87.7/6
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -8.104 ± 0.283 χ^2/NDF : 29.5/7
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -7.652 ± 0.209 χ^2/NDF : 122.9/14
 In: -7.104 ± 0.311 χ^2/NDF : 87.7/6
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -7.652 ± 0.209 χ^2/NDF : 122.9/14

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.779 $\pm$ 0.516 χ^2 /NDF: 140.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.145 $\pm$ 0.467 χ^2 /NDF: 51.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

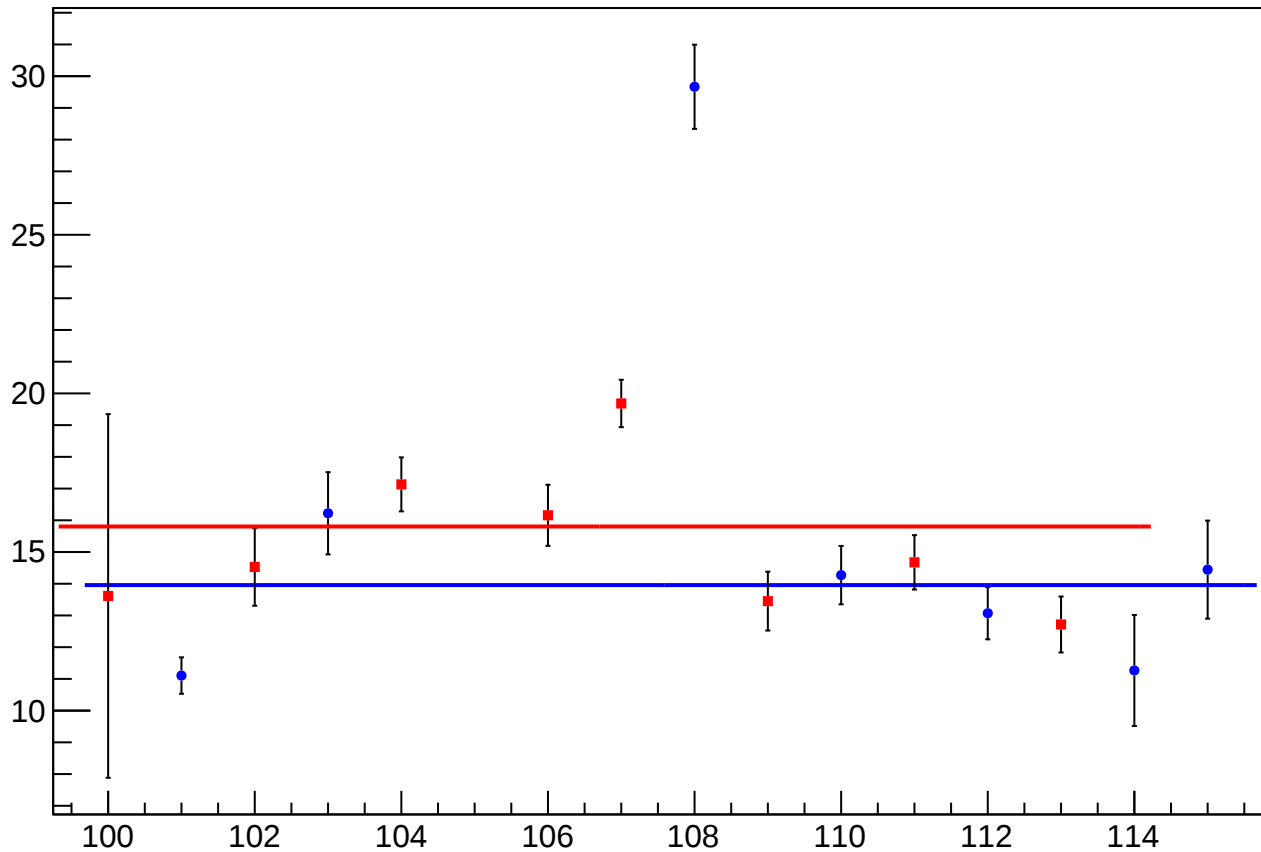
Right: 13.628 $\pm$ 0.346 χ^2 /NDF: 215.1/14

In: 11.779 $\pm$ 0.516 χ^2 /NDF: 140.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.628 $\pm$ 0.346 χ^2 /NDF: 215.1/14

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.363 χ^2 /NDF: 171.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.804 $\pm$ 0.338 χ^2 /NDF: 51.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

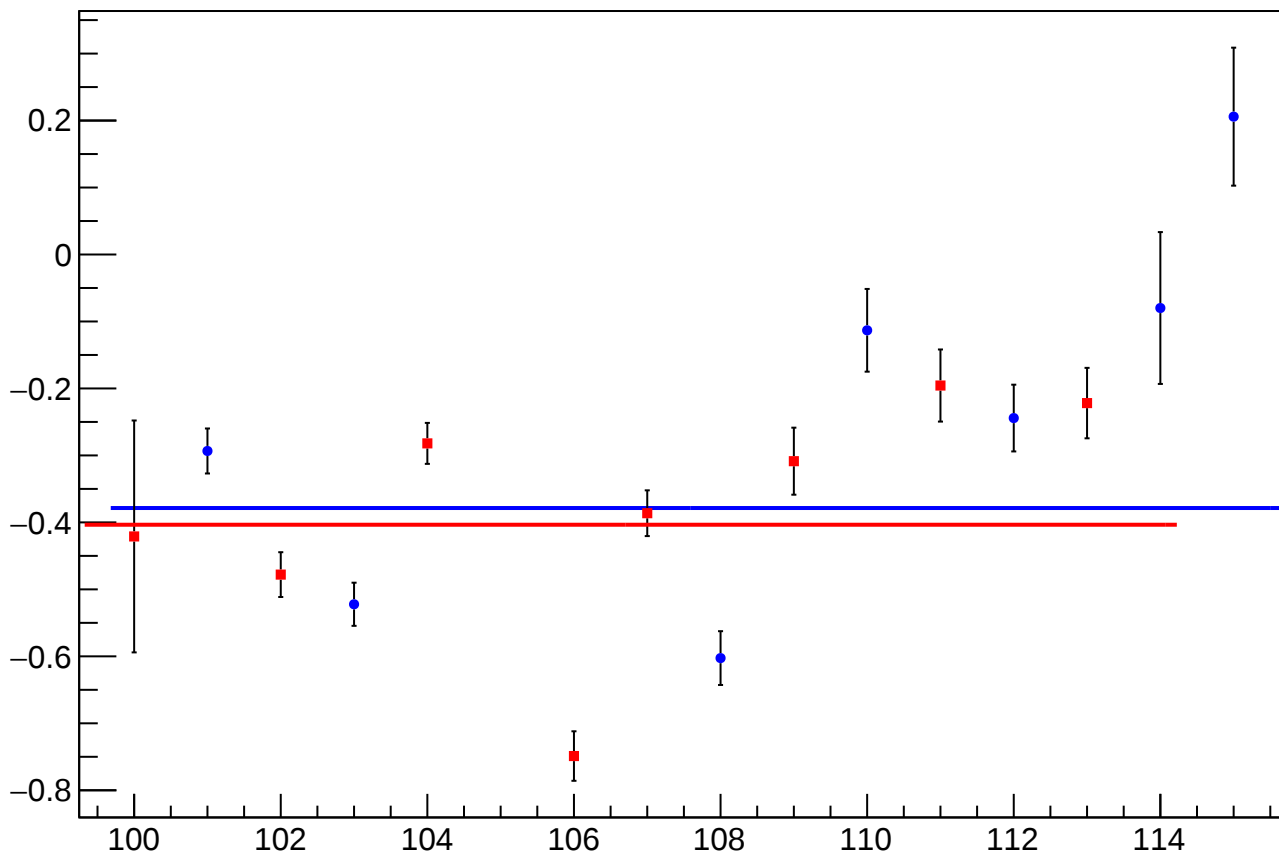
Right: 14.946 $\pm$ 0.247 χ^2 /NDF: 236.6/14

In: 13.957 $\pm$ 0.363 χ^2 /NDF: 171.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.946 $\pm$ 0.247 χ^2 /NDF: 236.6/14

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.379+/-0.017 χ^2/NDF : 122.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.403+/-0.015 χ^2/NDF : 138.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

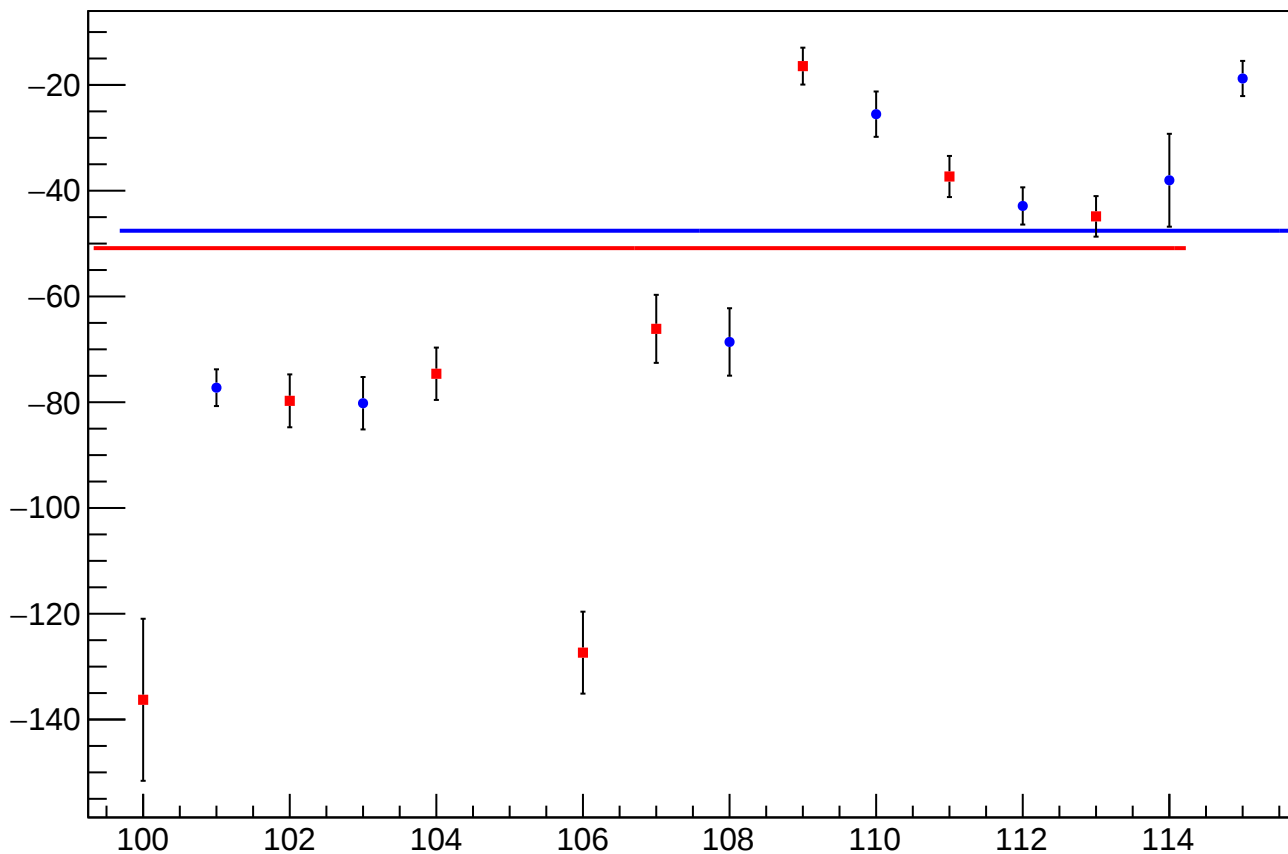
Right: -0.393+/-0.011 χ^2/NDF : 262.2/14

In: -0.379+/-0.017 χ^2/NDF : 122.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.393+/-0.011 χ^2/NDF : 262.2/14

reg_asym_sam_26_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -47.571 $\pm$ 1.608 χ^2 /NDF: 231.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -50.863 $\pm$ 1.709 χ^2 /NDF: 302.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

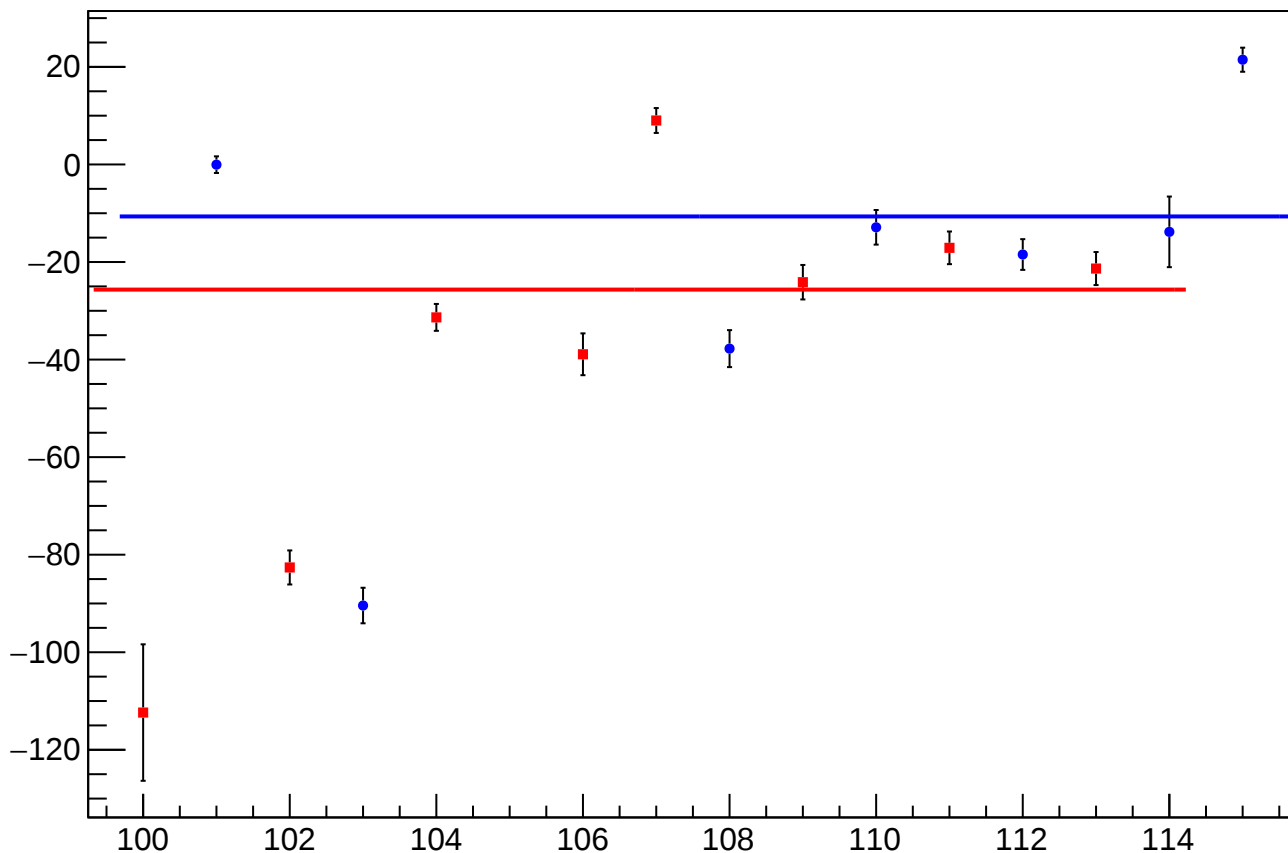
Right: -49.117 $\pm$ 1.171 χ^2 /NDF: 535.9/14

In: -47.571 $\pm$ 1.608 χ^2 /NDF:231.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -49.117 $\pm$ 1.171 χ^2 /NDF: 535.9/14

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -10.657 ± 1.083 χ^2/NDF : 745.6/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -25.654 ± 1.210 χ^2/NDF : 511.9/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

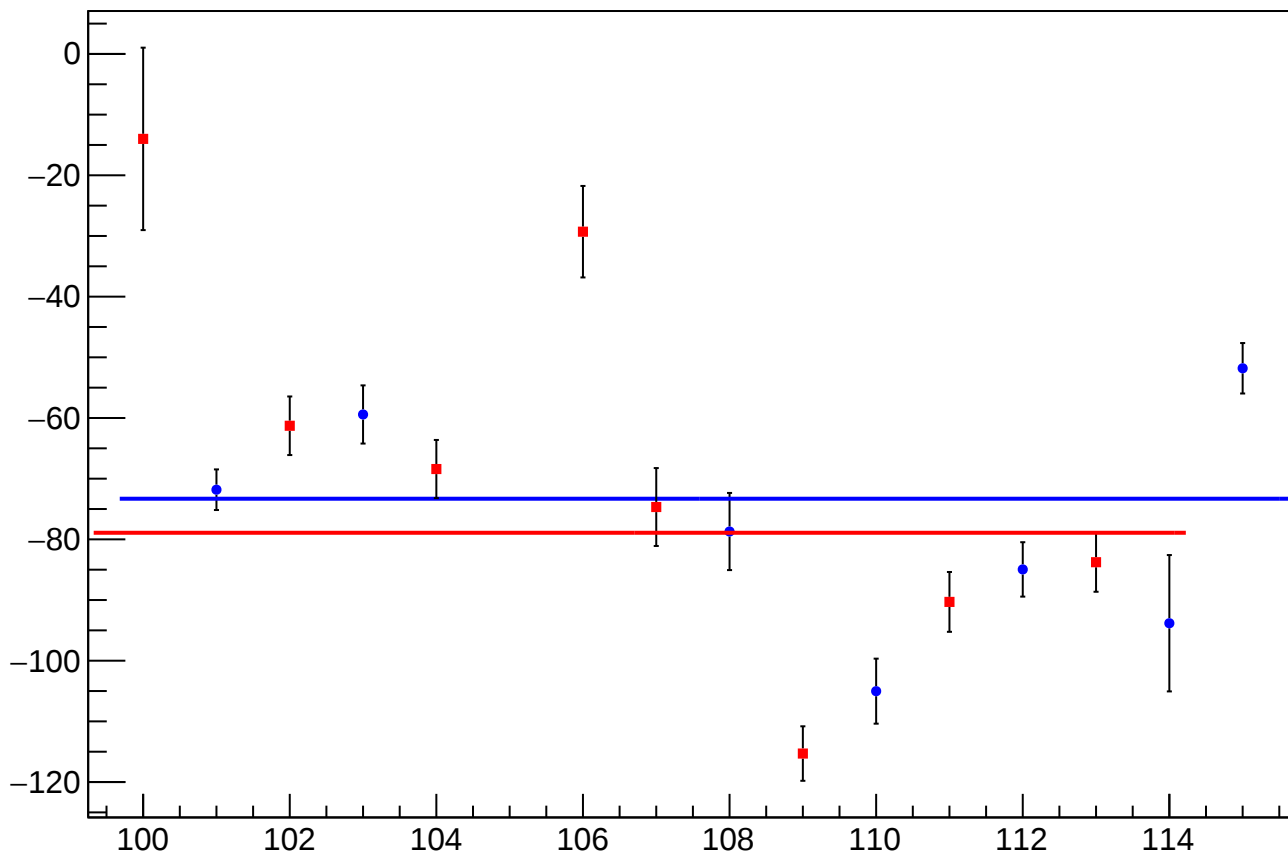
Right: -17.332 ± 0.807 χ^2/NDF : 1342.7/14

In: -10.657 ± 1.083 χ^2/NDF : 745.6/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -17.332 ± 0.807 χ^2/NDF : 1342.7/14

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -73.305 $\pm$ 1.802 χ^2 /NDF: 81.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -78.915 $\pm$ 1.940 χ^2 /NDF: 152.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

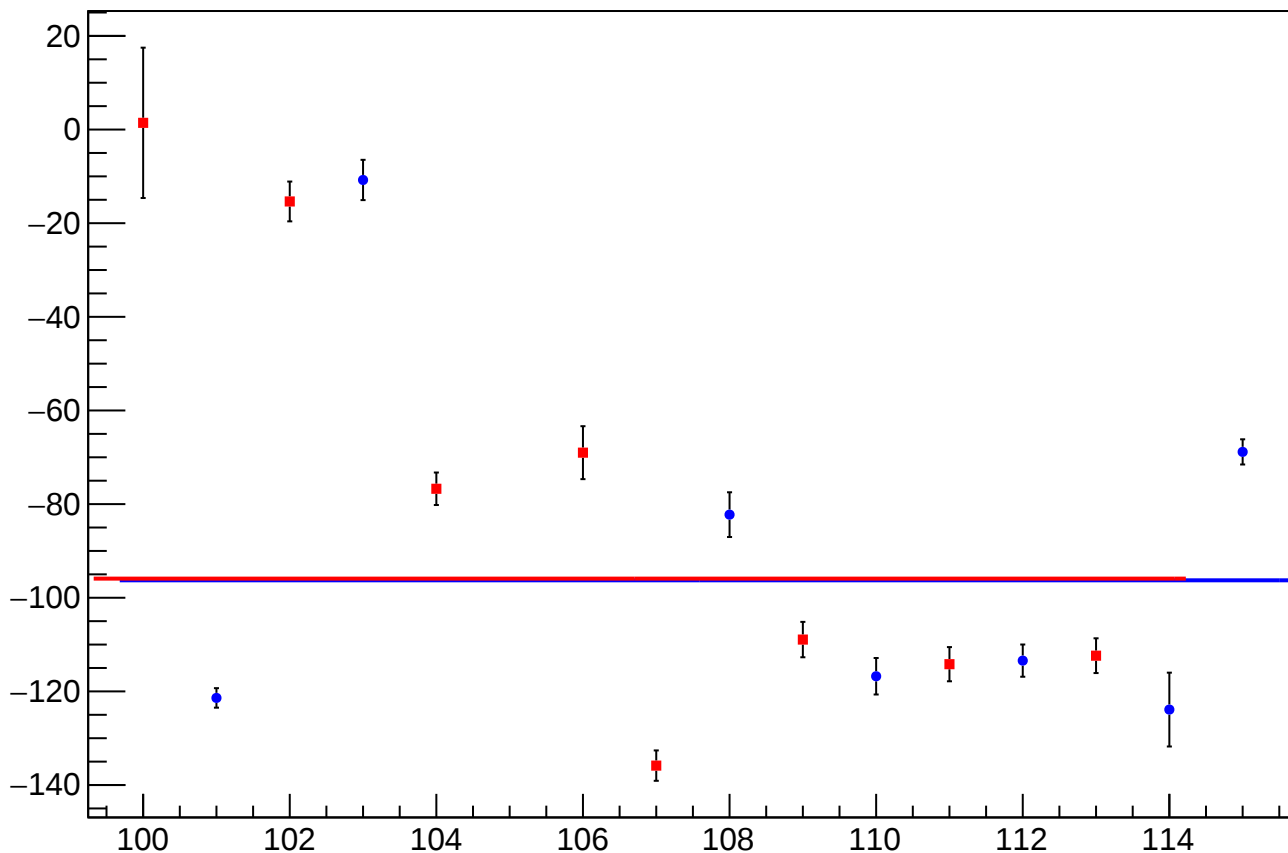
Right: -75.903 $\pm$ 1.321 χ^2 /NDF: 238.2/14

In: -73.305 $\pm$ 1.802 χ^2 /NDF: 81.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -75.903 $\pm$ 1.321 χ^2 /NDF: 238.2/14

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -96.275+/-1.257 χ^2/NDF : 717.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -95.913+/-1.434 χ^2/NDF : 657.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

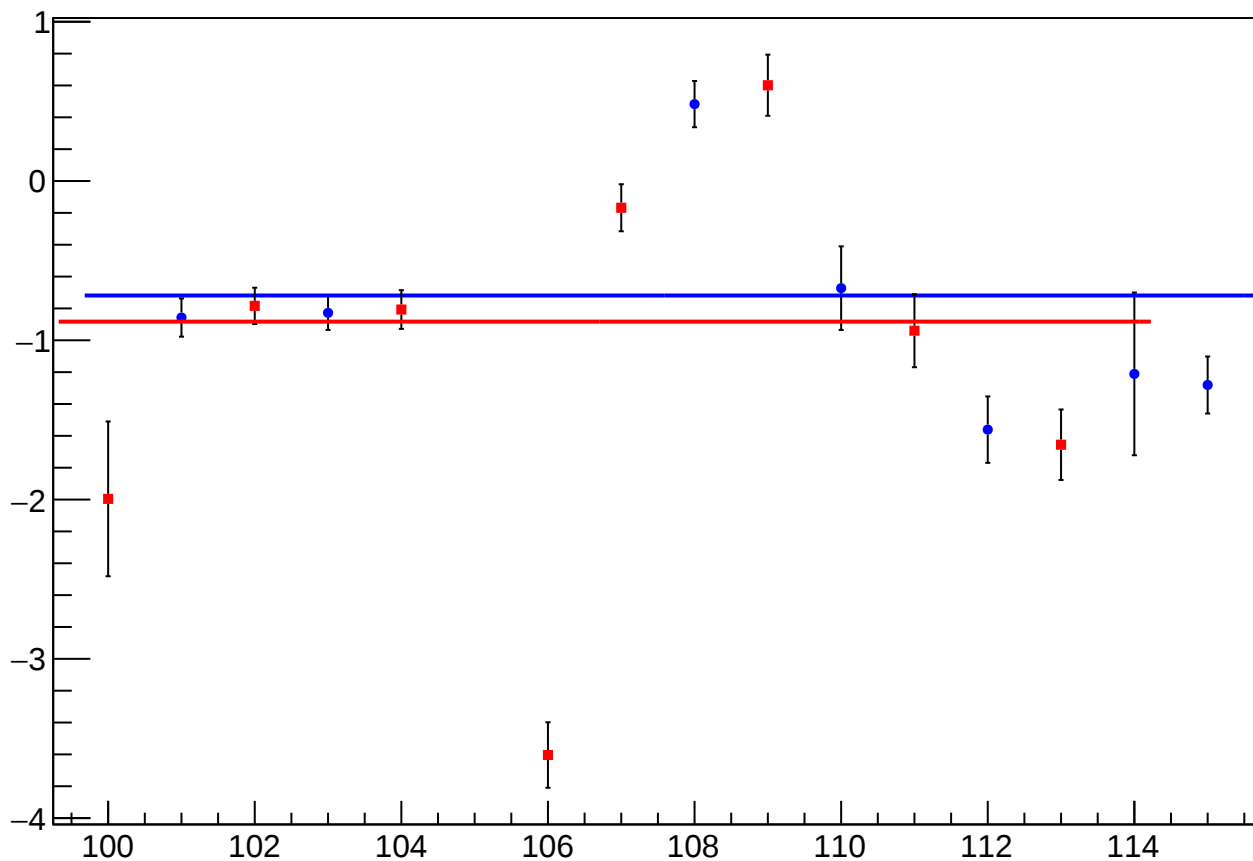
Right: -96.117+/-0.945 χ^2/NDF : 1375.2/14

In: -96.275+/-1.257 χ^2/NDF : 717.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -96.117+/-0.945 χ^2/NDF : 1375.2/14

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.719 ± 0.060 χ^2/NDF : 98.1/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.883 ± 0.059 χ^2/NDF : 276.8/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

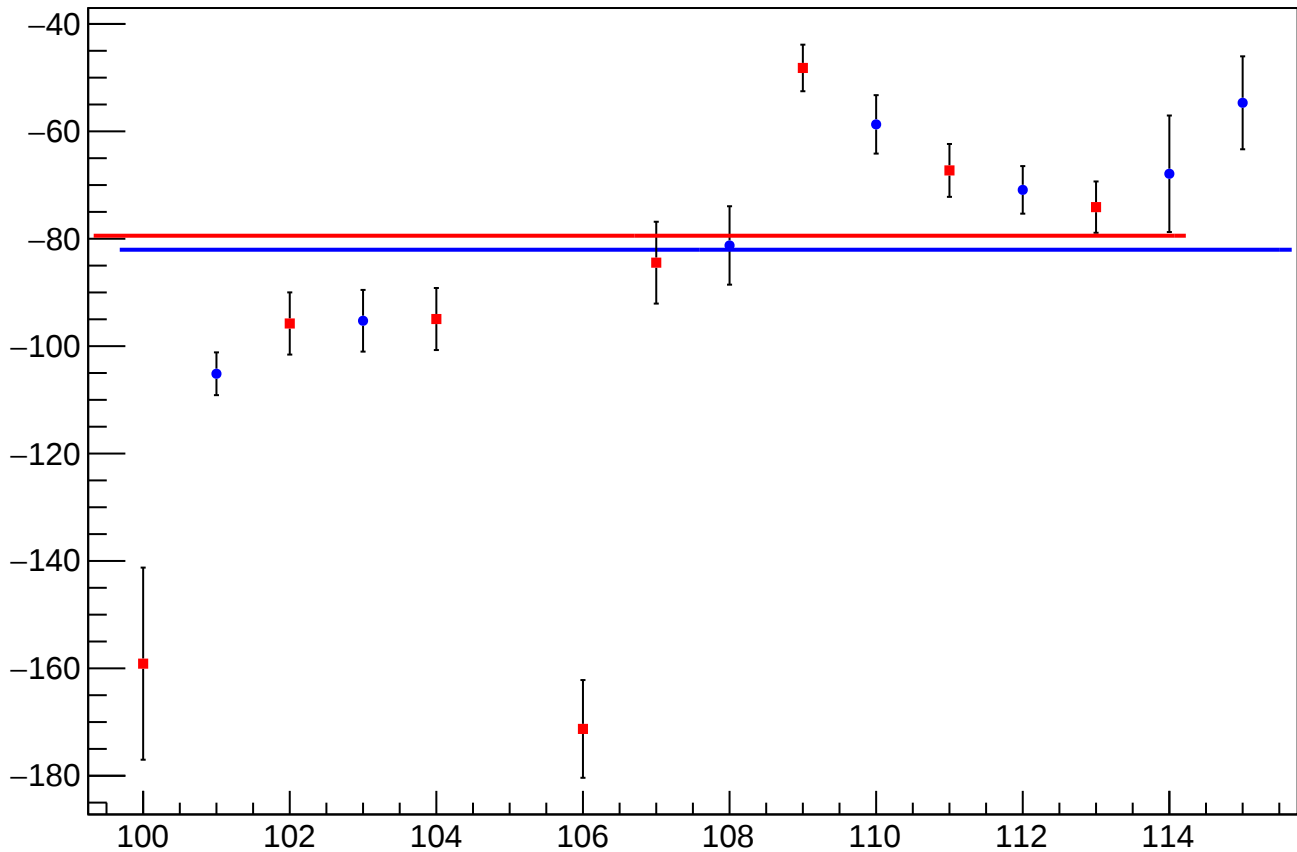
Right: -0.802 ± 0.042 χ^2/NDF : 378.7/14

In: -0.719 ± 0.060 χ^2/NDF : 98.1/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.802 ± 0.042 χ^2/NDF : 378.7/14

reg_asym_sam_26_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -82.045+/-2.138 χ^2/NDF : 75.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -79.436+/-2.083 χ^2/NDF : 196.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

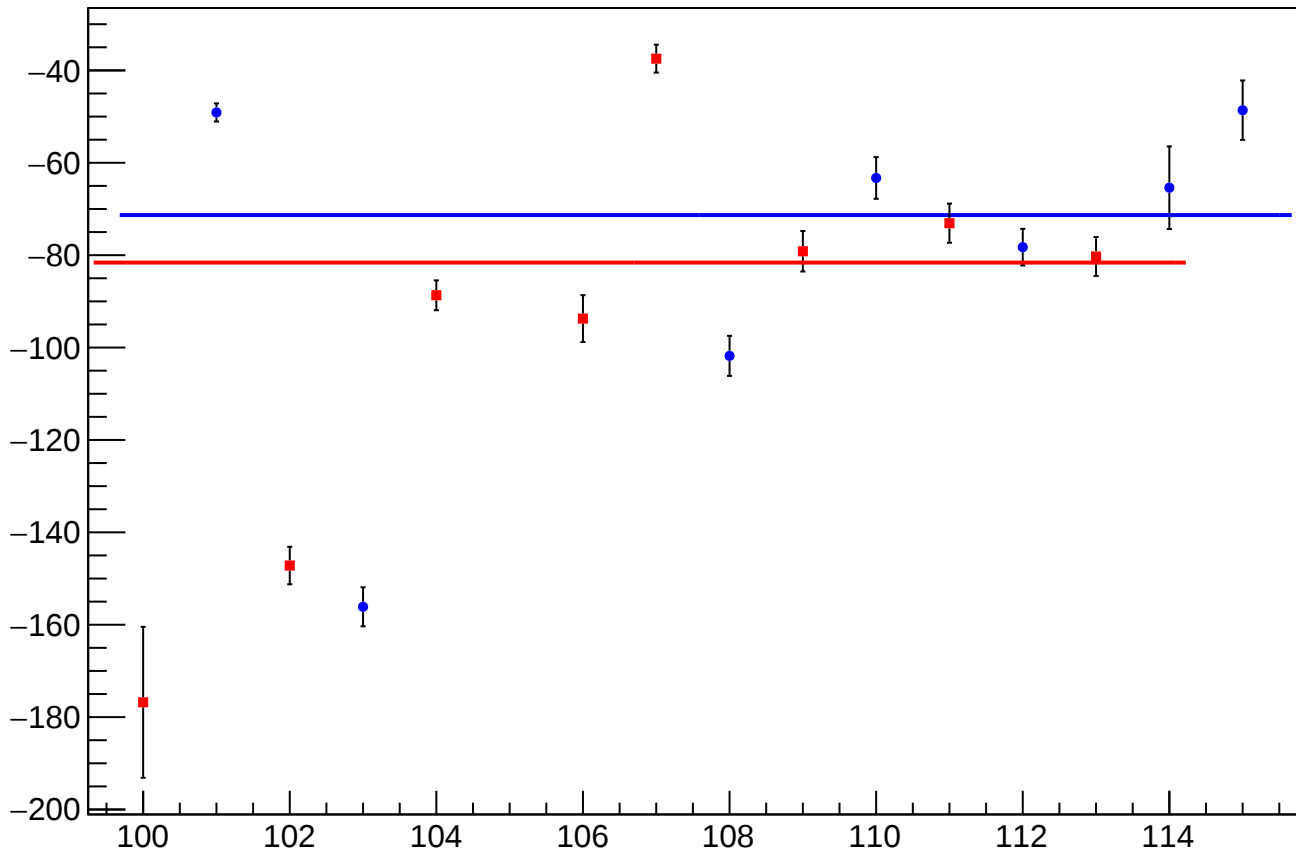
Right: -80.706+/-1.492 χ^2/NDF : 272.7/14

In: -82.045+/-2.138 χ^2/NDF : 75.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -80.706+/-1.492 χ^2/NDF : 272.7/14

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -71.323 ± 1.388 $\chi^2/\text{NDF}: 599.4/6$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -81.602 ± 1.456 $\chi^2/\text{NDF}: 523.0/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

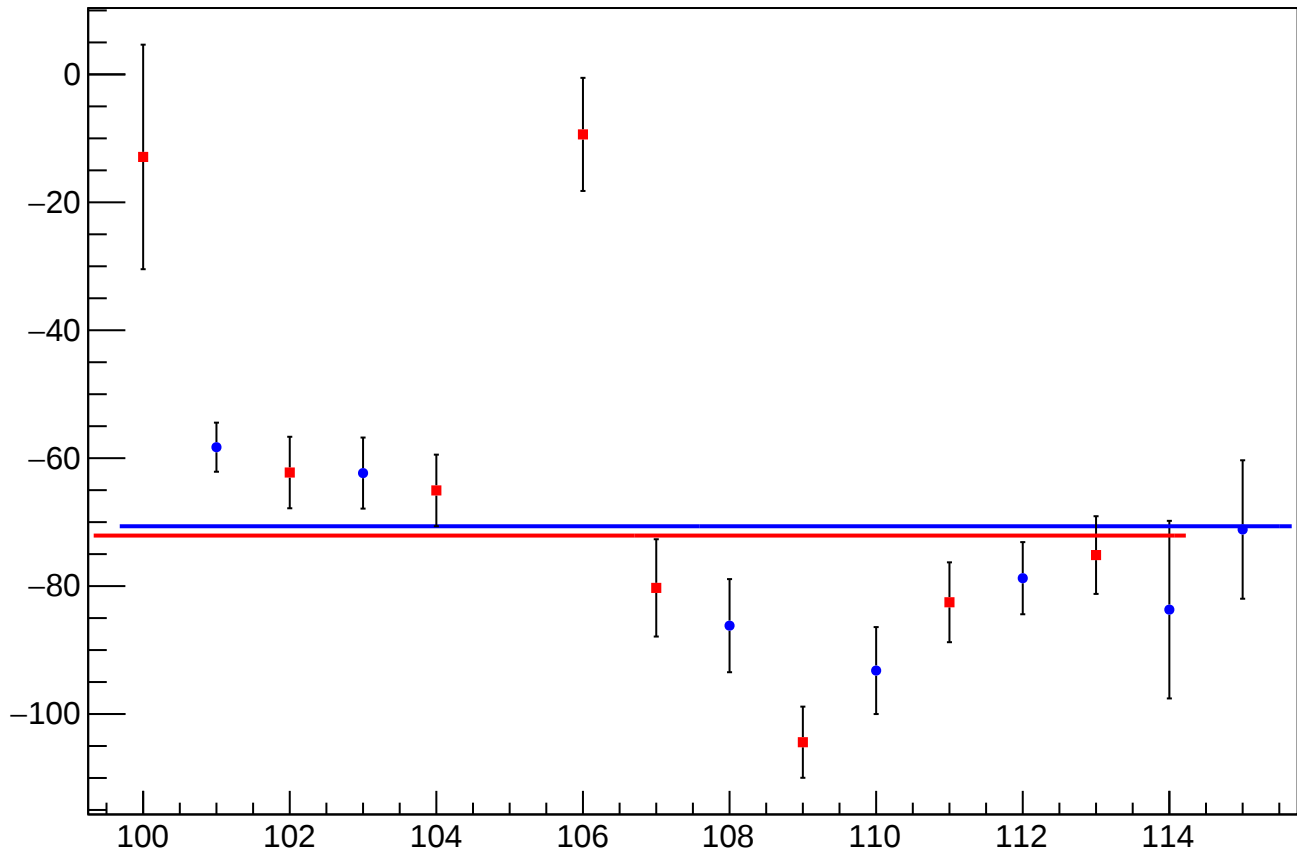
Right: -76.219 ± 1.005 $\chi^2/\text{NDF}: 1148.5/14$

In: -71.323 ± 1.388 $\chi^2/\text{NDF}: 599.4/6$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -76.219 ± 1.005 $\chi^2/\text{NDF}: 1148.5/14$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -70.644+/-2.319 χ^2/NDF : 31.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -72.101+/-2.342 χ^2/NDF : 104.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

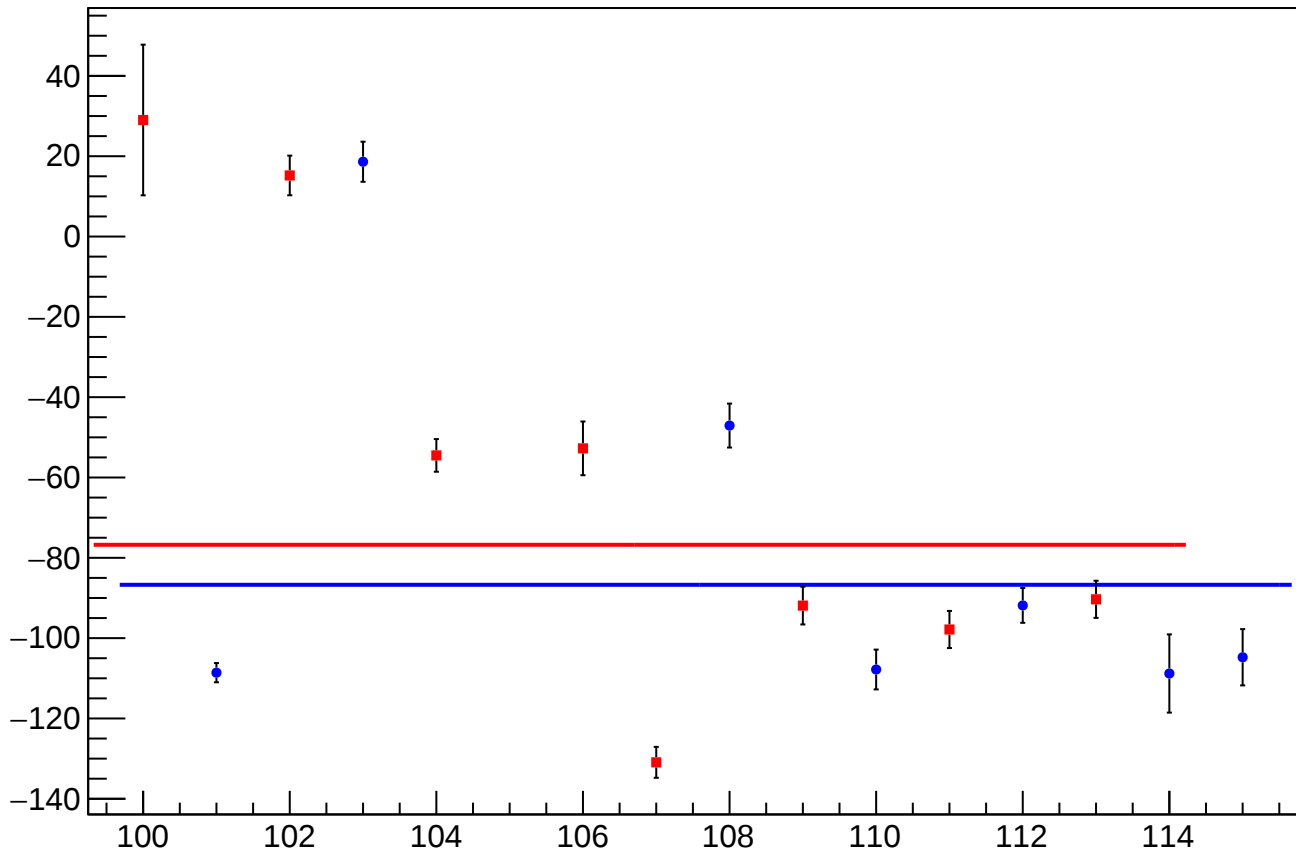
Right: -71.365+/-1.648 χ^2/NDF : 135.7/14

In: -70.644+/-2.319 χ^2/NDF : 31.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.365+/-1.648 χ^2/NDF : 135.7/14

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -86.717 $\pm$ 1.637 χ^2 /NDF: 612.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -76.761 $\pm$ 1.733 χ^2 /NDF: 659.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

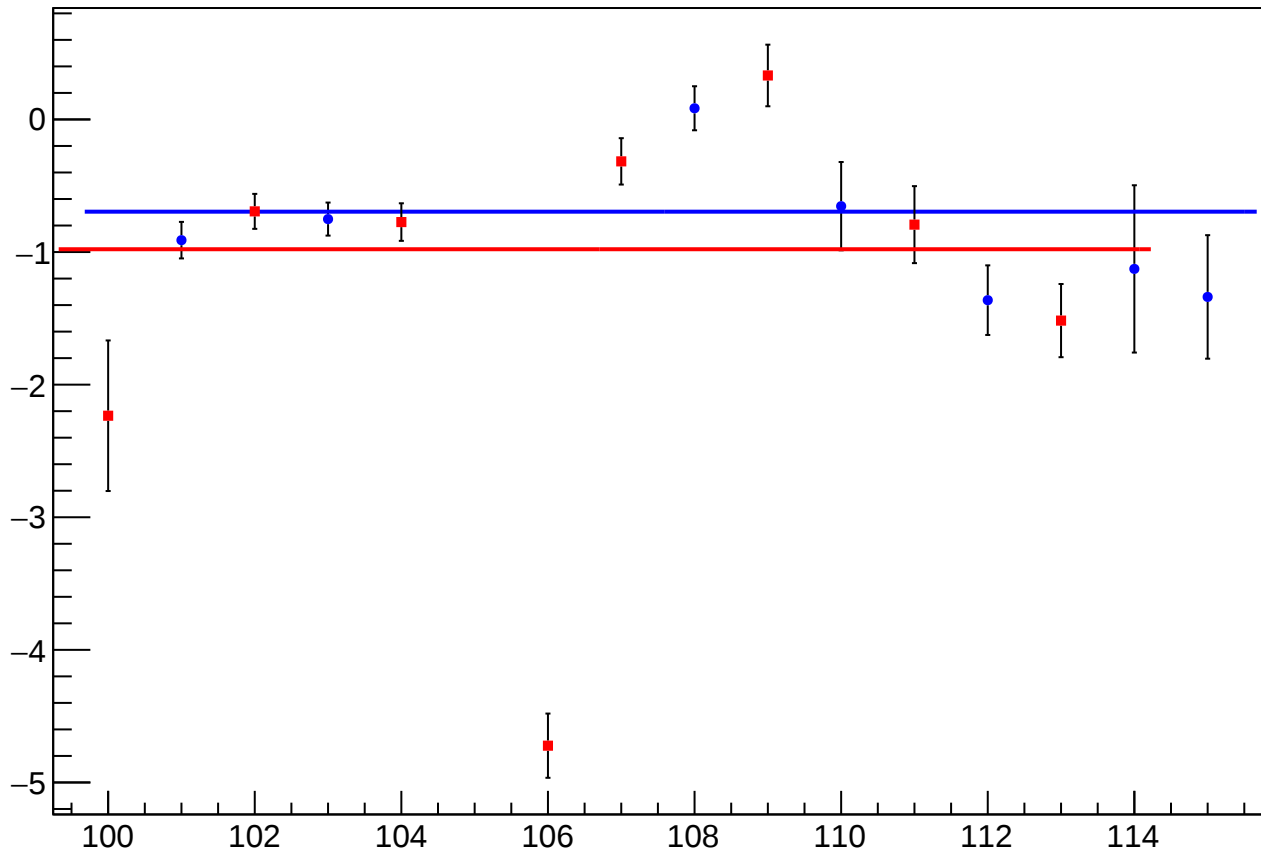
Right: -82.022 $\pm$ 1.190 χ^2 /NDF: 1289.6/14

In: -86.717 $\pm$ 1.637 χ^2 /NDF:612.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -82.022 $\pm$ 1.190 χ^2 /NDF: 1289.6/14

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.696 ± 0.074 χ^2/NDF : 33.5/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.979 ± 0.070 χ^2/NDF : 301.1/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

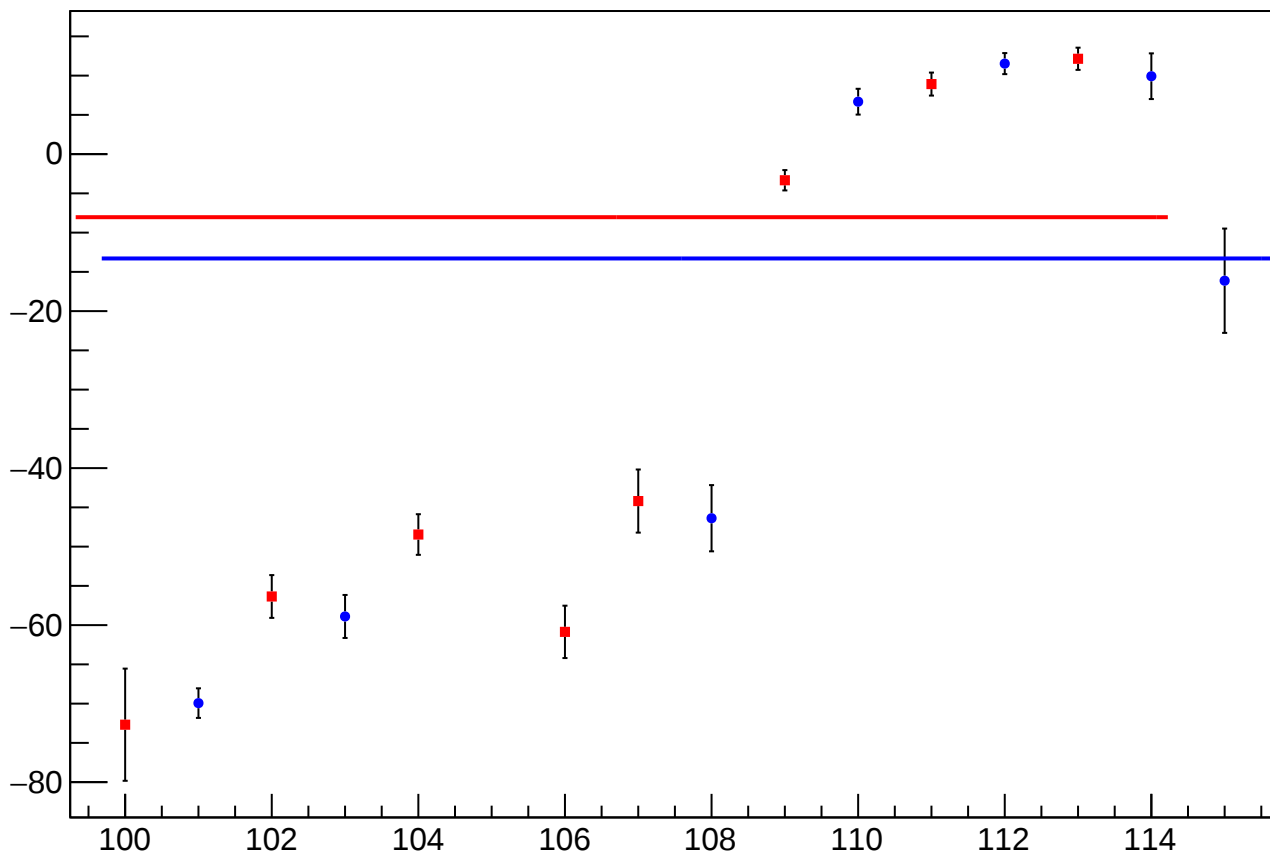
Right: -0.844 ± 0.051 χ^2/NDF : 342.3/14

In: -0.696 ± 0.074 χ^2/NDF : 33.5/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.844 ± 0.051 χ^2/NDF : 342.3/14

reg_asym_sam_48_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -13.292 $\pm$ 0.806 χ^2 /NDF: 1795.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -8.035 $\pm$ 0.704 χ^2 /NDF: 1322.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

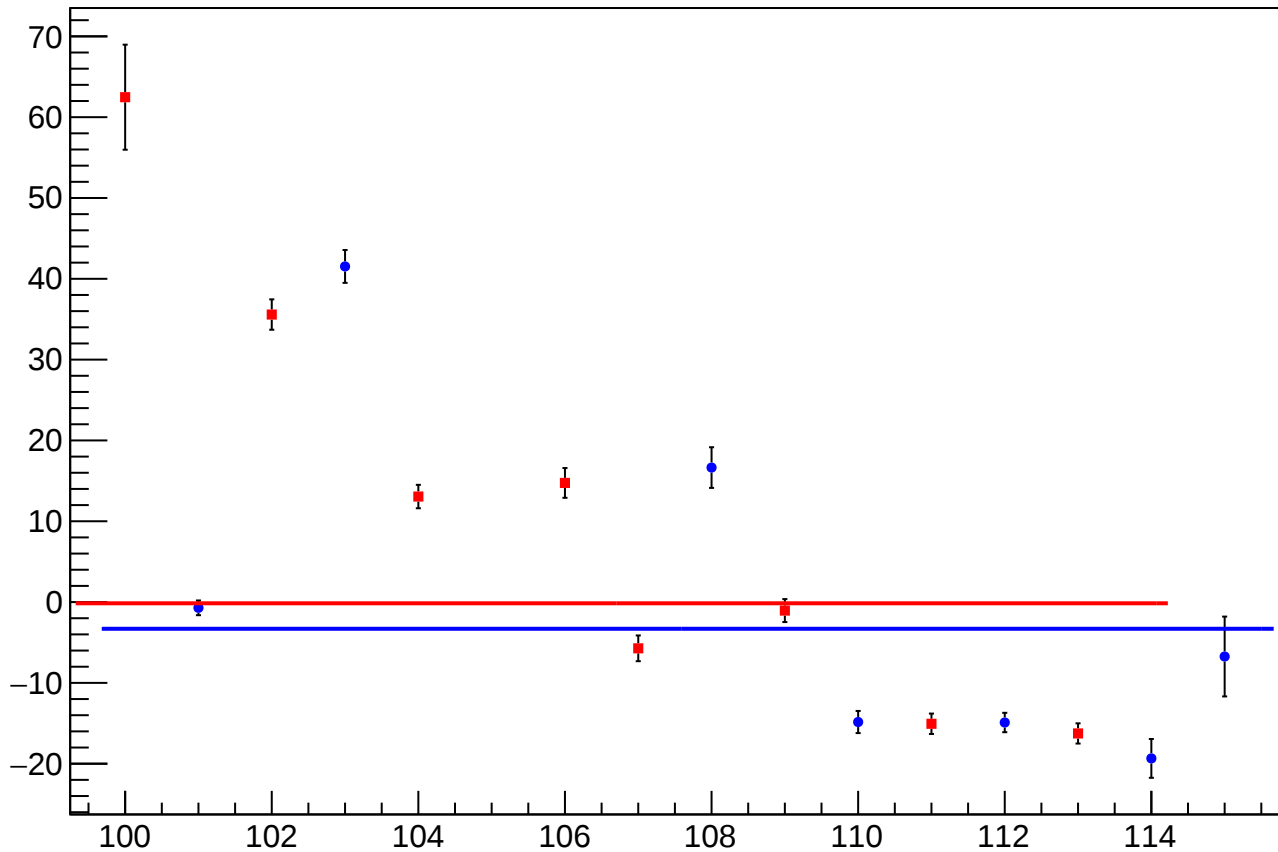
Right: -10.309 $\pm$ 0.530 χ^2 /NDF: 3141.9/14

In: -13.292 $\pm$ 0.806 χ^2 /NDF:1795.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -10.309 $\pm$ 0.530 χ^2 /NDF: 3141.9/14

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.304+/-0.572 χ^2/NDF : 767.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.151+/-0.556 χ^2/NDF : 920.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

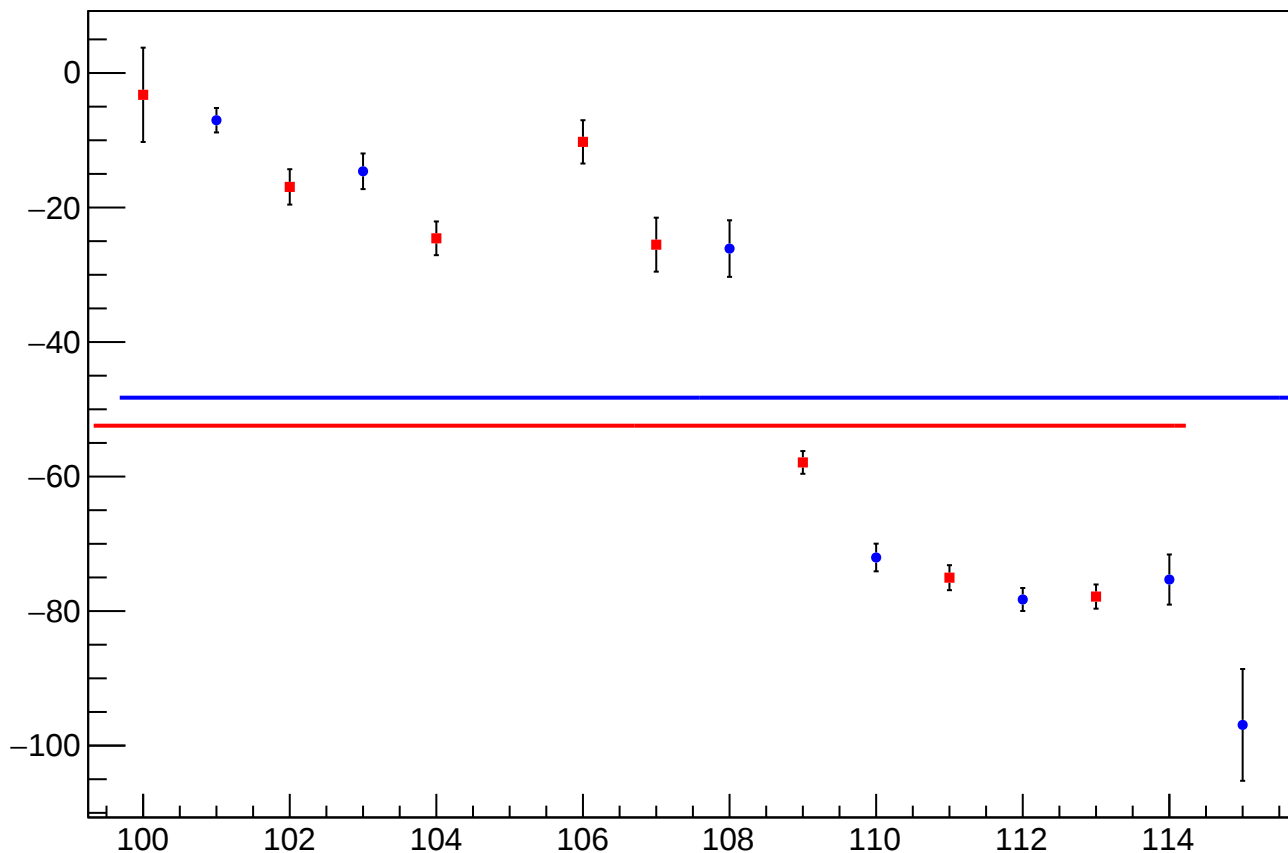
Right: -1.682+/-0.399 χ^2/NDF : 1703.7/14

In: -3.304+/-0.572 χ^2/NDF : 767.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.682+/-0.399 χ^2/NDF : 1703.7/14

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.270+/-0.925 χ^2/NDF : 1233.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -52.437+/-0.836 χ^2/NDF : 929.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

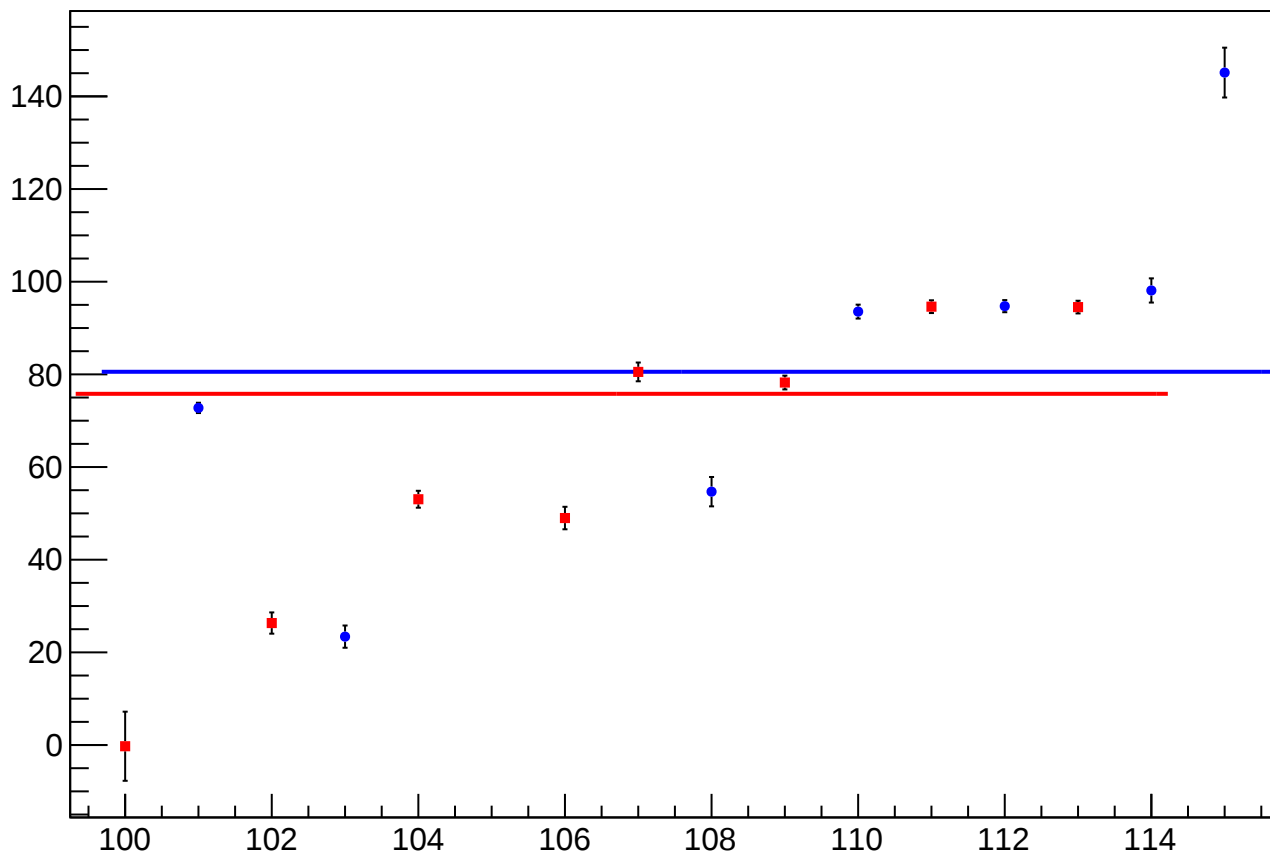
Right: -50.565+/-0.620 χ^2/NDF : 2174.8/14

In: -48.270+/-0.925 χ^2/NDF : 1233.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.565+/-0.620 χ^2/NDF : 2174.8/14

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 80.559+/-0.661 χ^2/NDF : 1064.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.802+/-0.641 χ^2/NDF : 1228.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

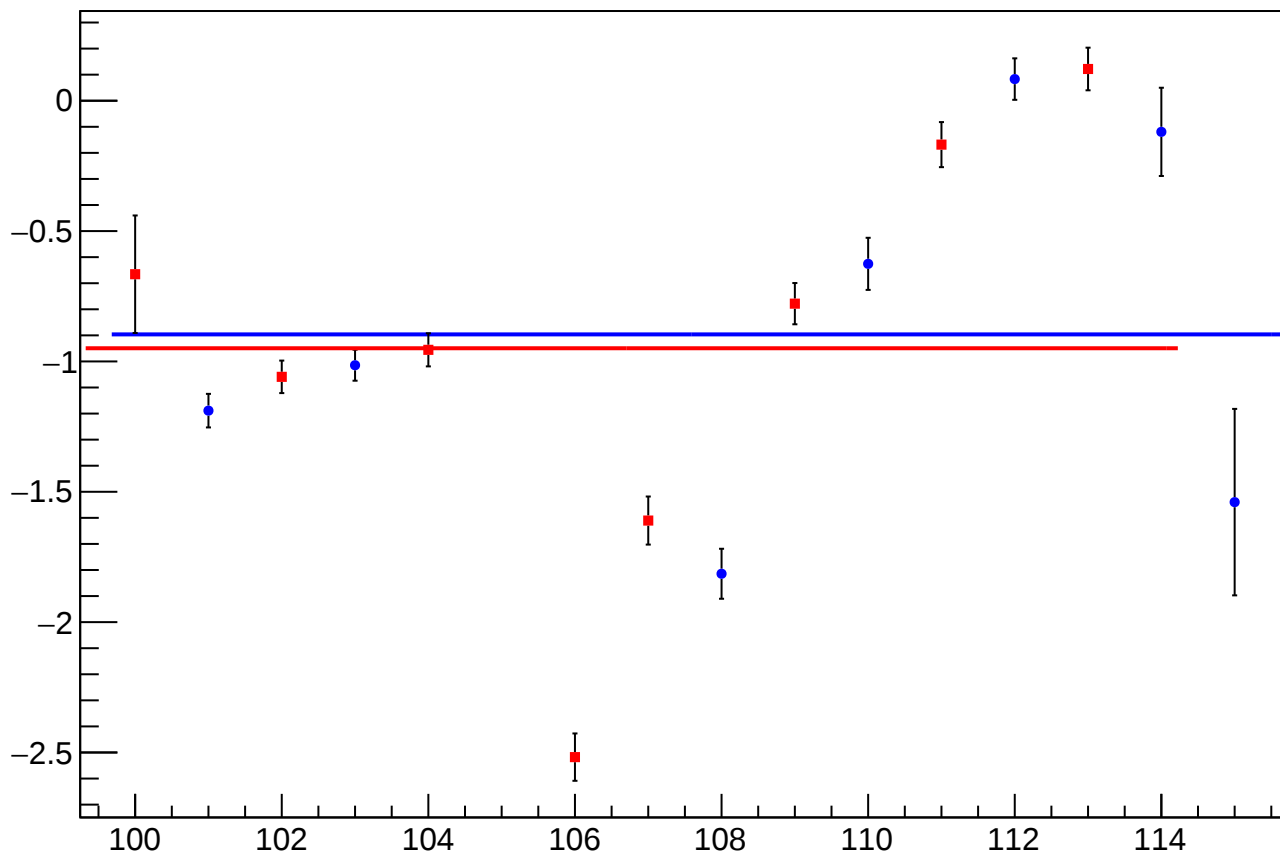
Right: 78.107+/-0.460 χ^2/NDF : 2319.0/14

In: 80.559+/-0.661 χ^2/NDF : 1064.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.107+/-0.460 χ^2/NDF : 2319.0/14

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.896+/-0.033 χ^2/NDF : 299.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.949+/-0.029 χ^2/NDF : 612.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

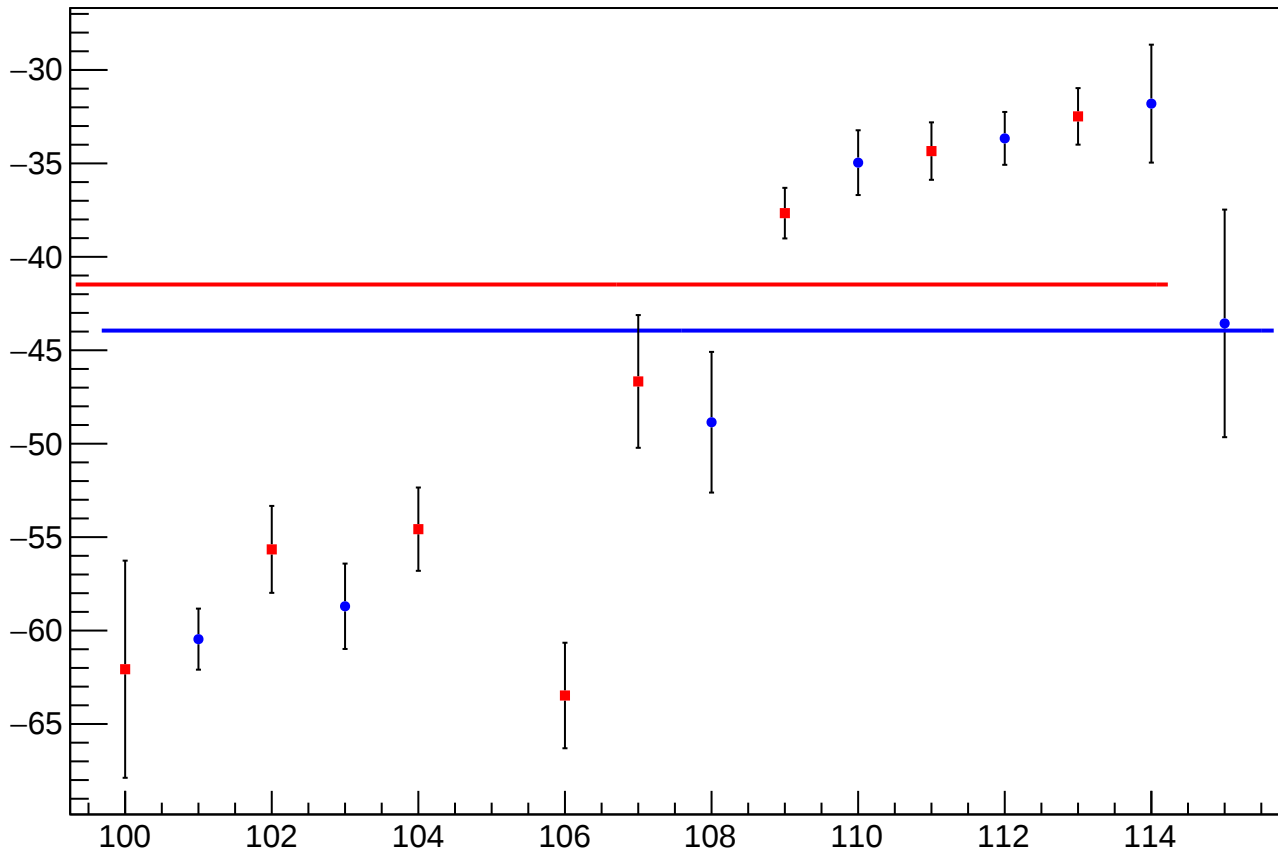
Right: -0.926+/-0.022 χ^2/NDF : 913.1/14

In: -0.896+/-0.033 χ^2/NDF : 299.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.926+/-0.022 χ^2/NDF : 913.1/14

reg_asym_sam_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -43.947 ± 0.791 χ^2/NDF : 240.1/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -41.481 ± 0.703 χ^2/NDF : 211.9/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

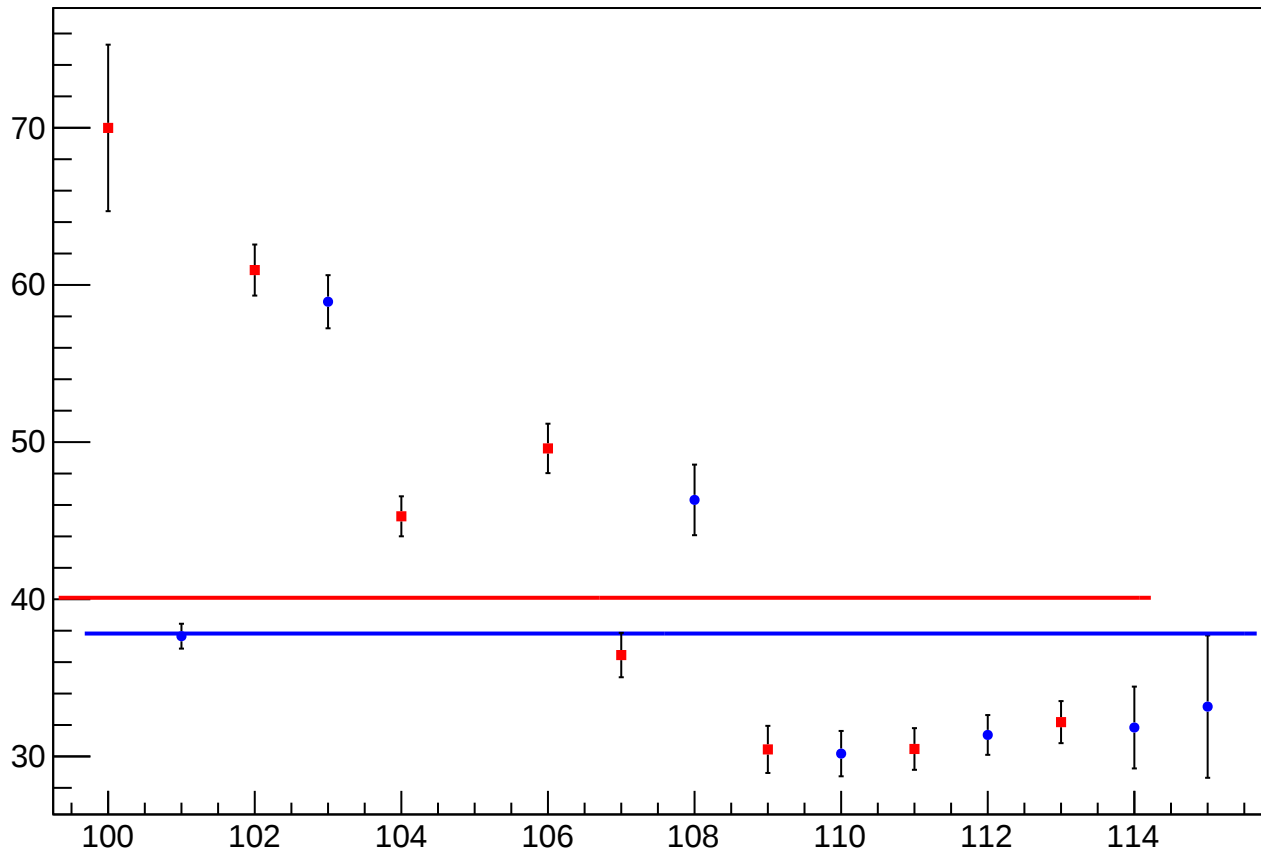
Right: -42.568 ± 0.525 χ^2/NDF : 457.4/14

In: -43.947 ± 0.791 χ^2/NDF : 240.1/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -42.568 ± 0.525 χ^2/NDF : 457.4/14

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 37.819+/-0.539 χ^2/NDF : 230.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.095+/-0.534 χ^2/NDF : 385.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

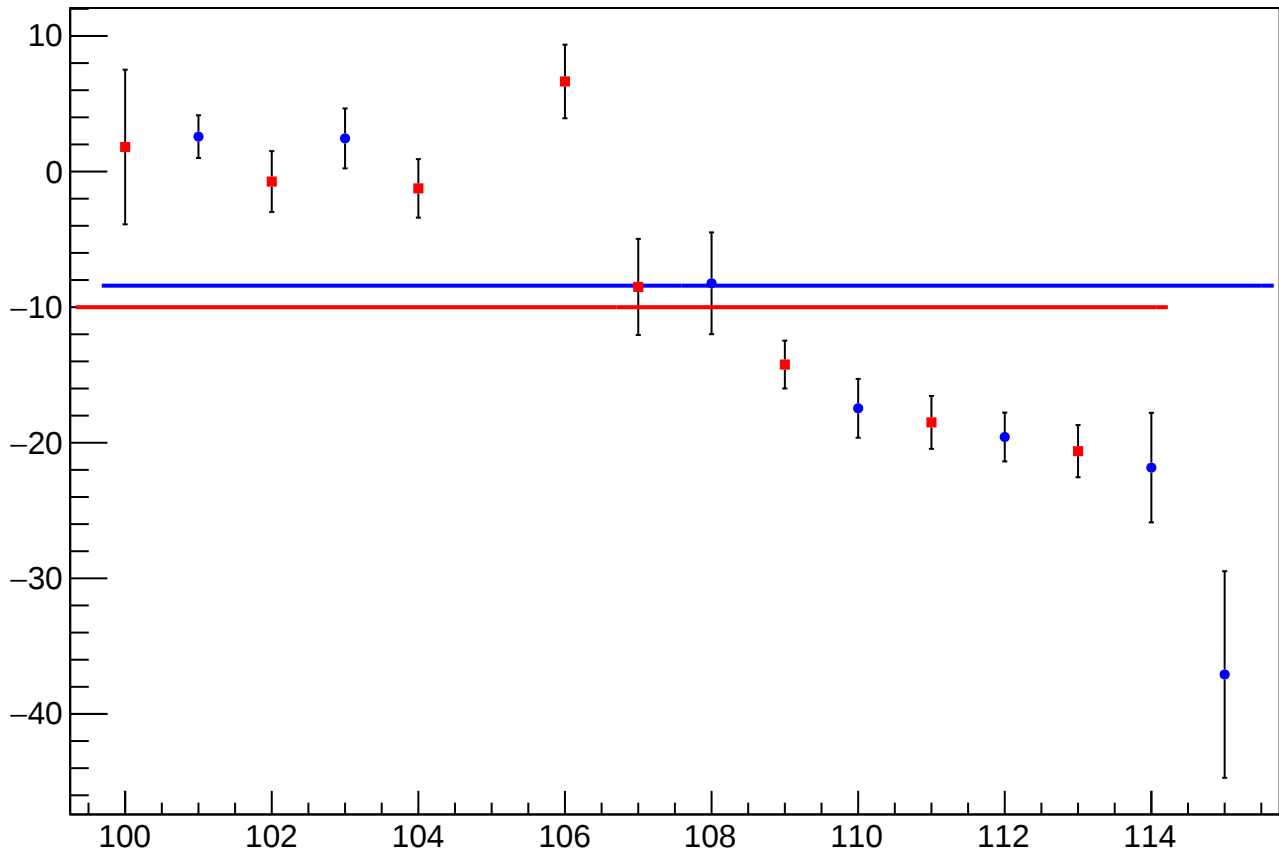
Right: 38.967+/-0.379 χ^2/NDF : 625.2/14

In: 37.819+/-0.539 χ^2/NDF : 230.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.967+/-0.379 χ^2/NDF : 625.2/14

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -8.415+/-0.884 χ^2/NDF : 153.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.002+/-0.813 χ^2/NDF : 130.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

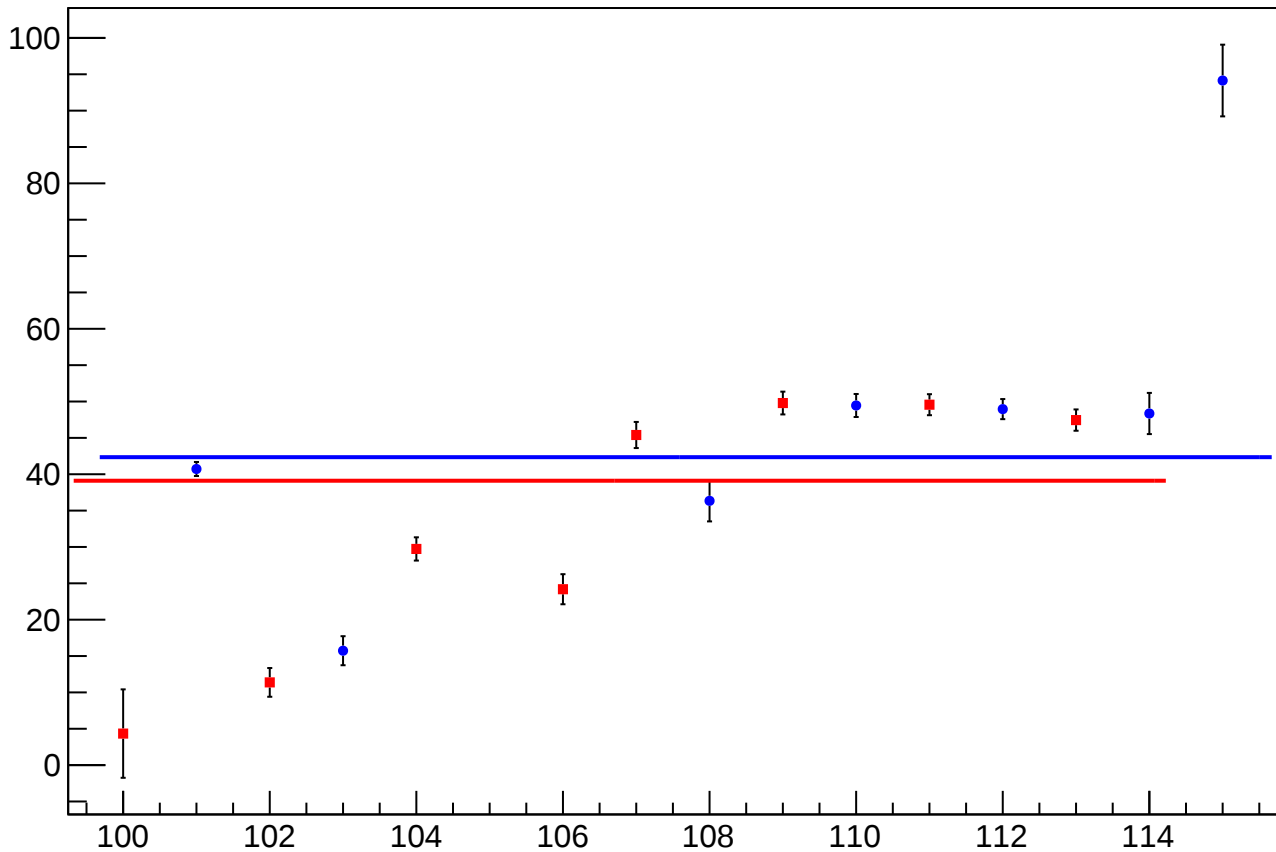
Right: -9.275+/-0.599 χ^2/NDF : 286.4/14

In: -8.415+/-0.884 χ^2/NDF : 153.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.275+/-0.599 χ^2/NDF : 286.4/14

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.347+/-0.628 χ^2/NDF : 343.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.108+/-0.624 χ^2/NDF : 459.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

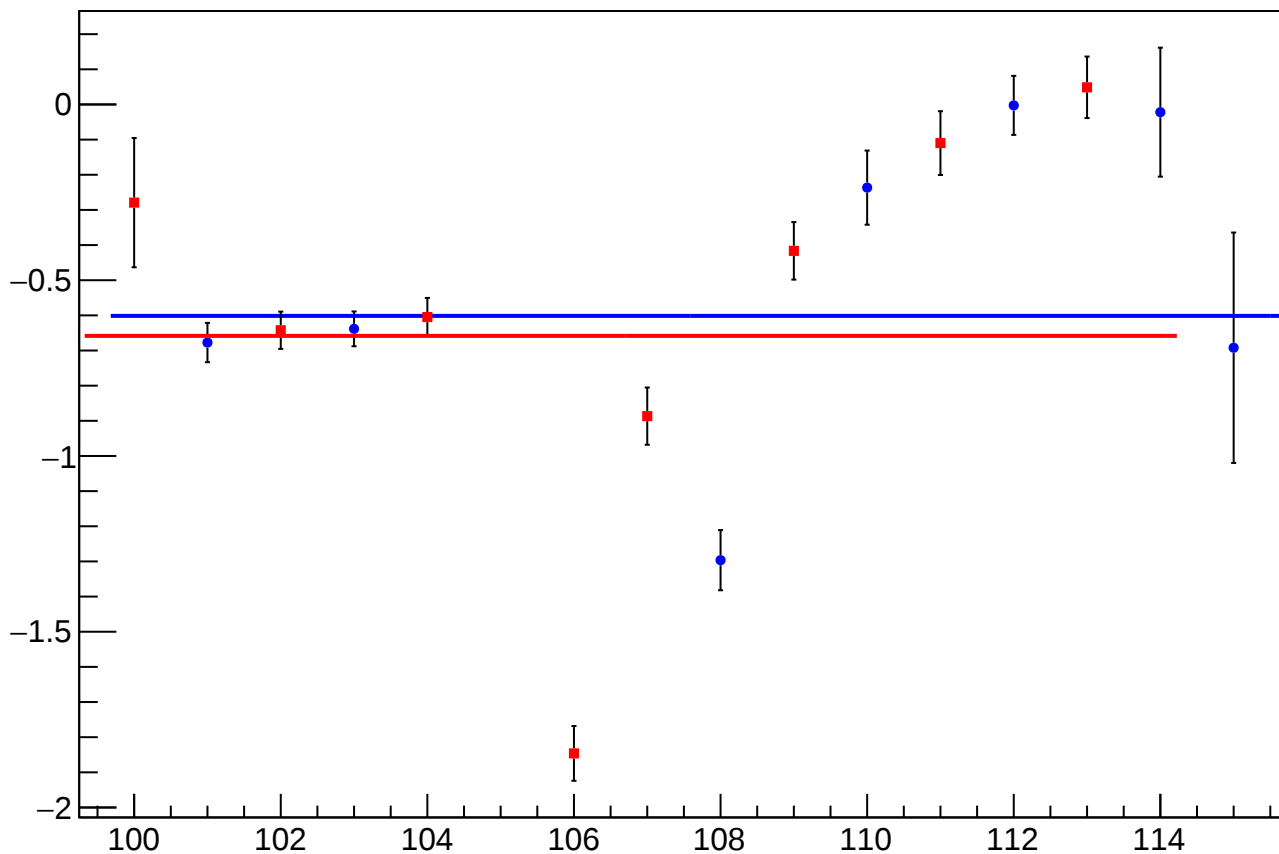
Right: 40.717+/-0.442 χ^2/NDF : 815.9/14

In: 42.347+/-0.628 χ^2/NDF : 343.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.717+/-0.442 χ^2/NDF : 815.9/14

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.601 ± 0.030 χ^2/NDF : 141.2/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.658 ± 0.026 χ^2/NDF : 356.2/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

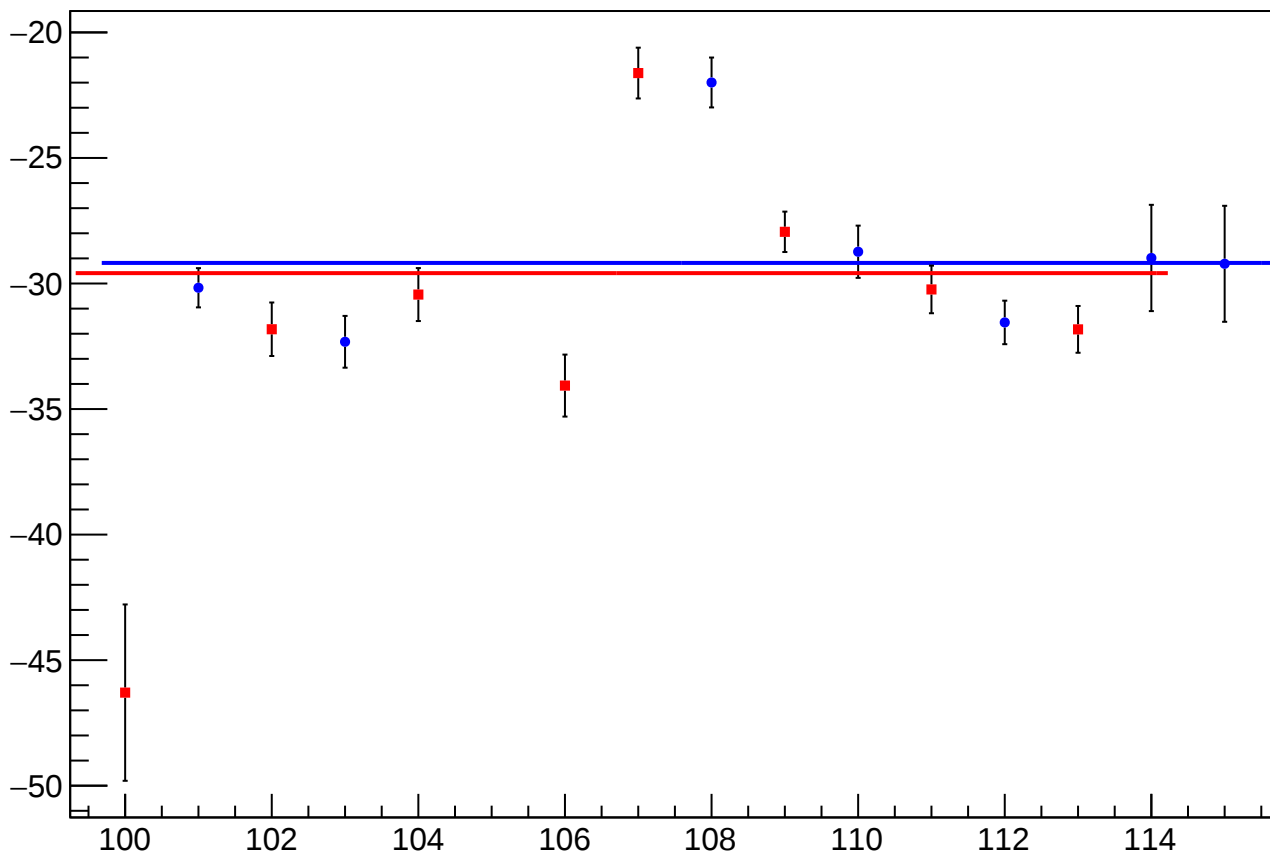
Right: -0.633 ± 0.020 χ^2/NDF : 499.5/14

In: -0.601 ± 0.030 χ^2/NDF : 141.2/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.633 ± 0.020 χ^2/NDF : 499.5/14

reg_asym_sam_13_57_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -29.180+/-0.400 χ^2/NDF : 70.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.587+/-0.370 χ^2/NDF : 113.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

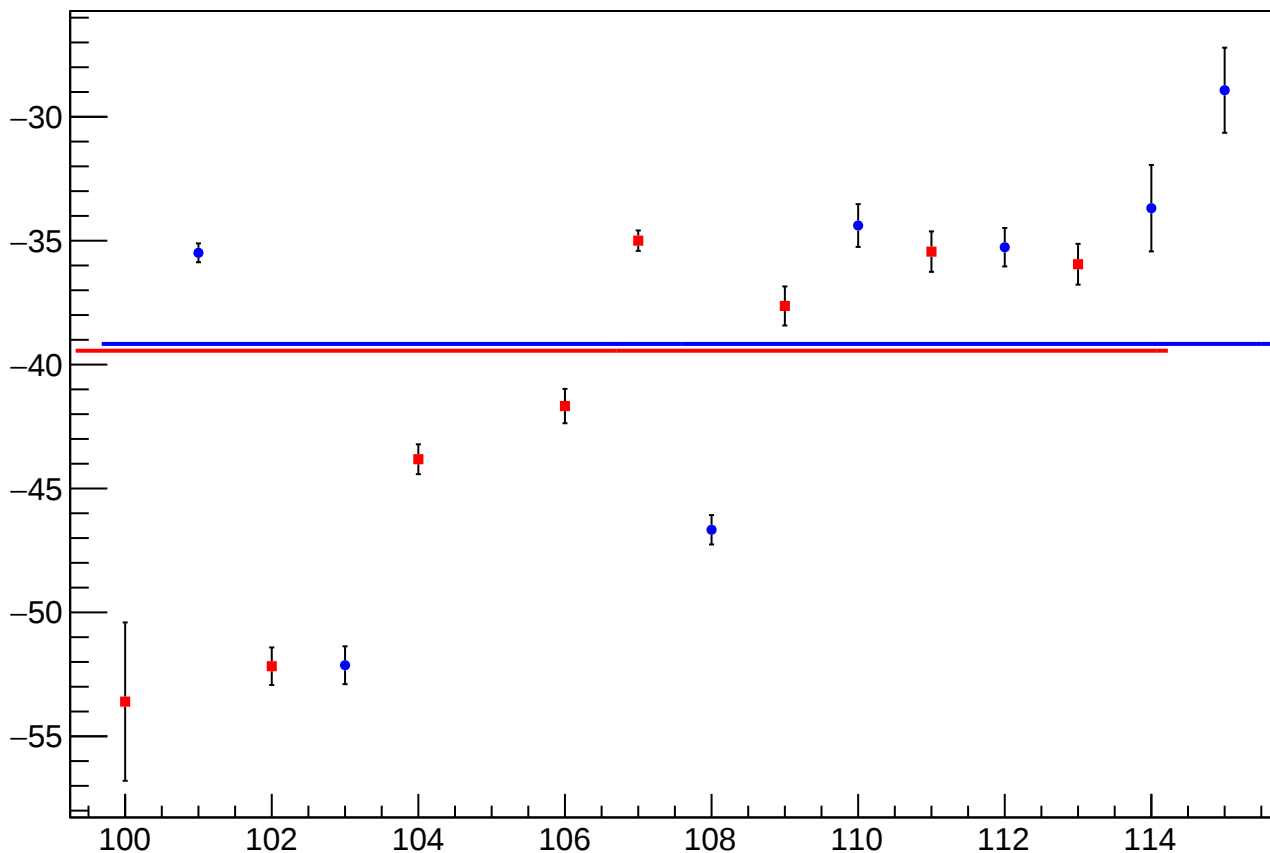
Right: -29.399+/-0.272 χ^2/NDF : 184.8/14

In: -29.180+/-0.400 χ^2/NDF : 70.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.399+/-0.272 χ^2/NDF : 184.8/14

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -39.166+/-0.257 χ^2/NDF : 642.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -39.440+/-0.241 χ^2/NDF : 528.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

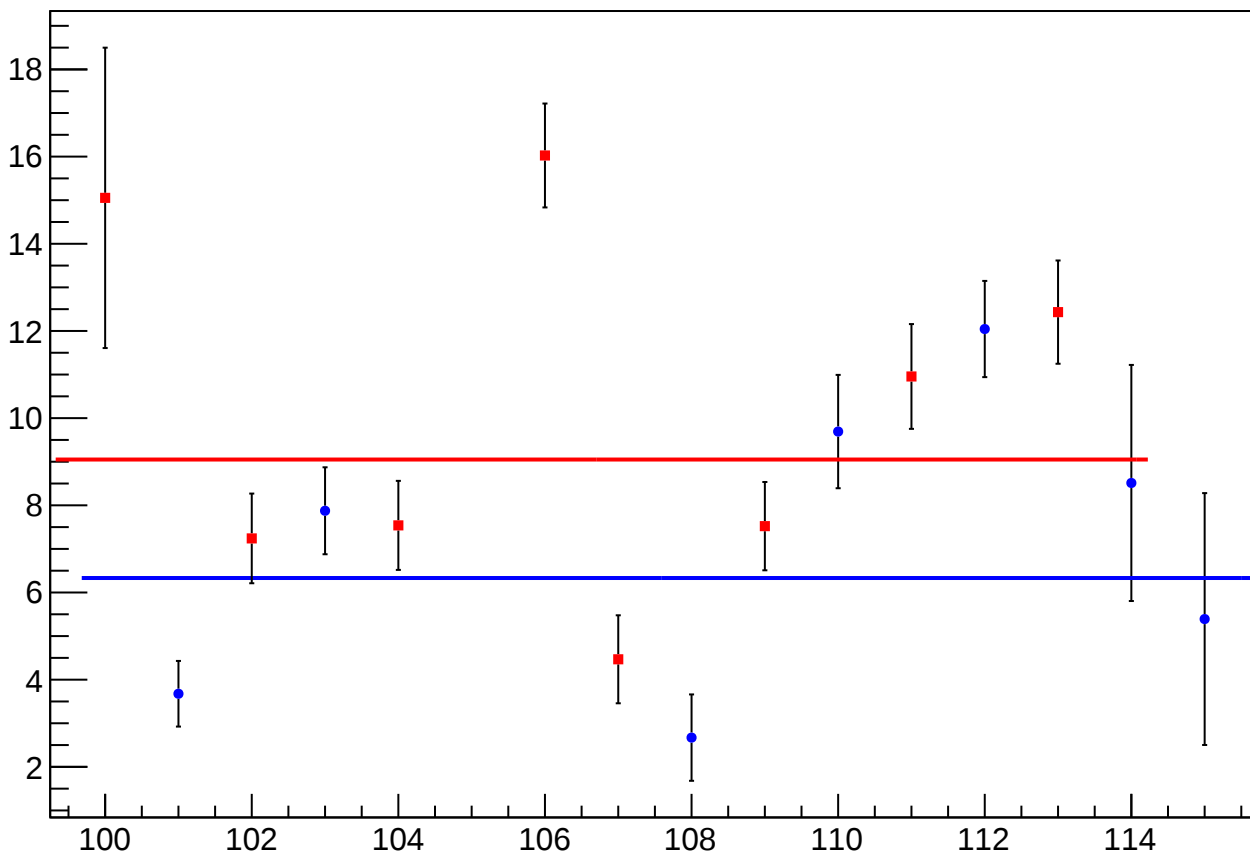
Right: -39.311+/-0.176 χ^2/NDF : 1171.3/14

In: -39.166+/-0.257 χ^2/NDF : 642.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.311+/-0.176 χ^2/NDF : 1171.3/14

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.332 $\pm$ 0.428 χ^2 /NDF: 62.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.050 $\pm$ 0.406 χ^2 /NDF: 76.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

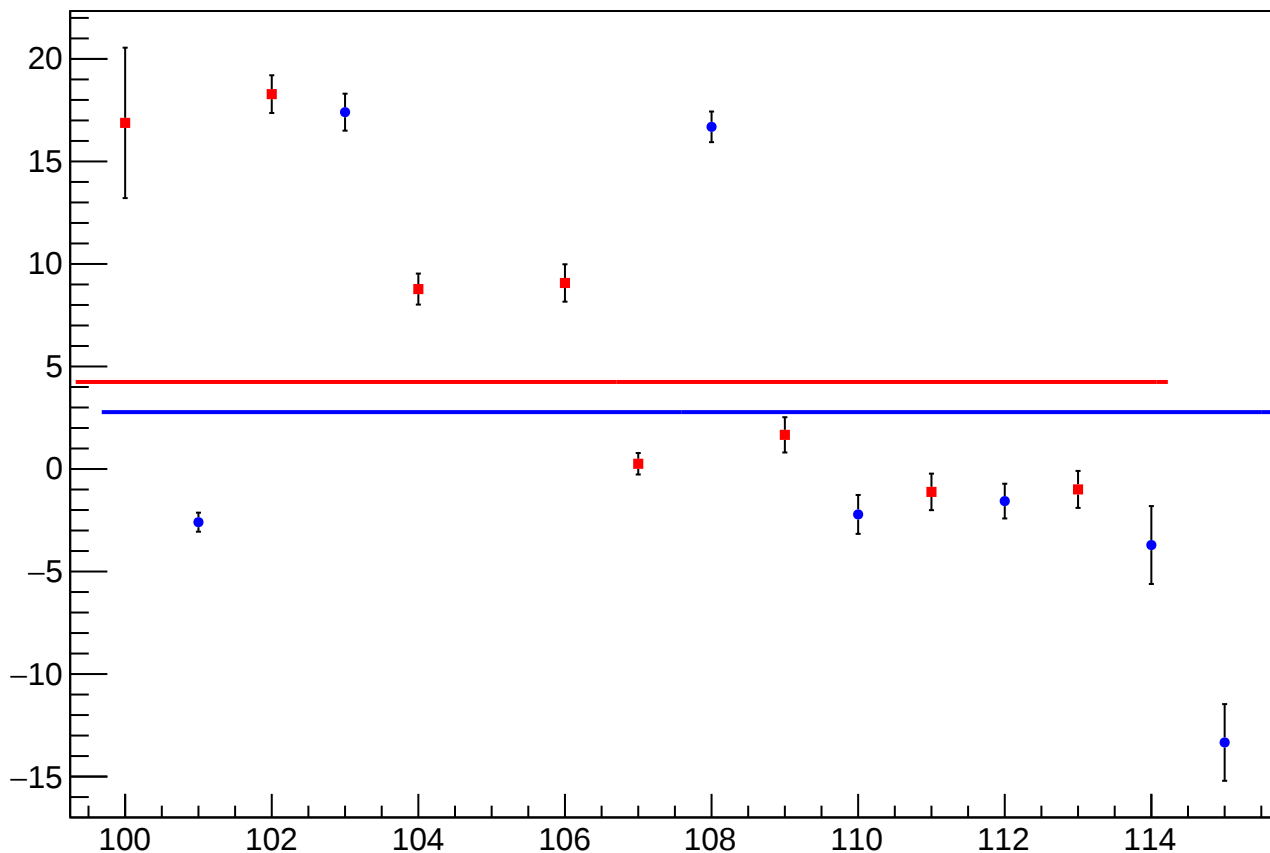
Right: 7.762 $\pm$ 0.295 χ^2 /NDF: 160.0/14

In: 6.332 $\pm$ 0.428 χ^2 /NDF: 62.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.762 $\pm$ 0.295 χ^2 /NDF: 160.0/14

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.775+/-0.305 χ^2/NDF : 883.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.245+/-0.292 χ^2/NDF : 445.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

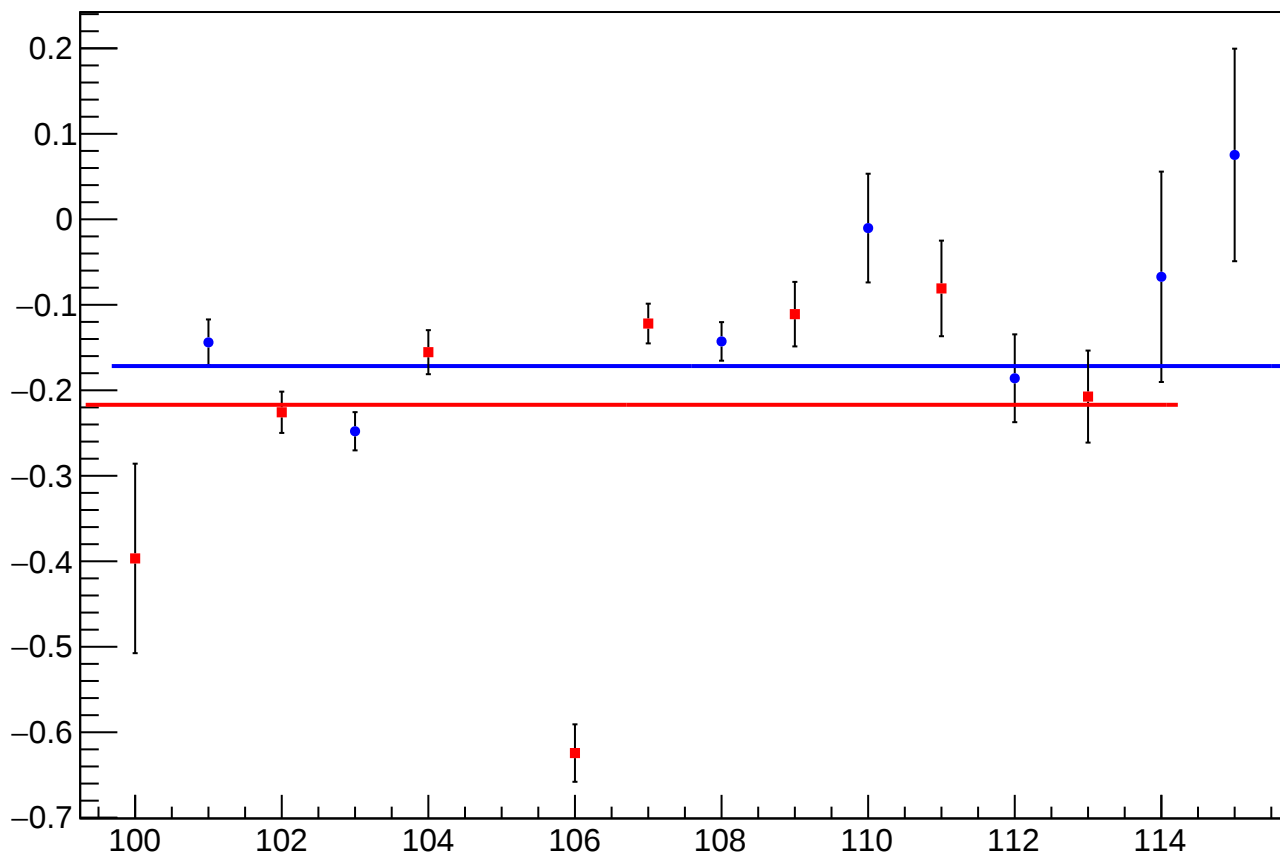
Right: 3.542+/-0.211 χ^2/NDF : 1341.0/14

In: 2.775+/-0.305 χ^2/NDF : 883.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.542+/-0.211 χ^2/NDF : 1341.0/14

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.172 $\pm$ 0.013 χ^2 /NDF: 25.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.217 $\pm$ 0.012 χ^2 /NDF: 186.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

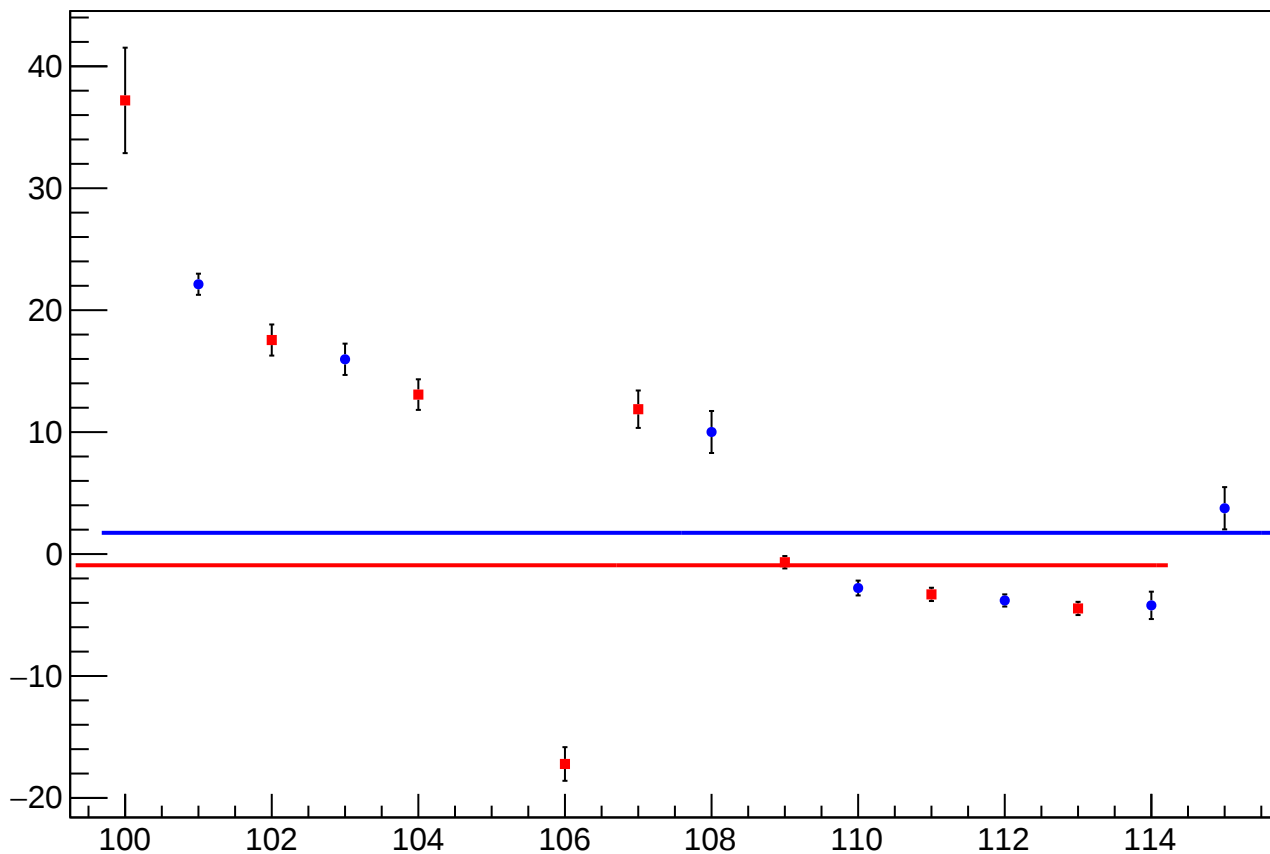
Right: -0.196 $\pm$ 0.009 χ^2 /NDF: 218.4/14

In: -0.172 $\pm$ 0.013 χ^2 /NDF:25.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.196 $\pm$ 0.009 χ^2 /NDF: 218.4/14

reg_asym_sam_15_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.742 $\pm$ 0.314 χ^2 /NDF: 906.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.919 $\pm$ 0.278 χ^2 /NDF: 682.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

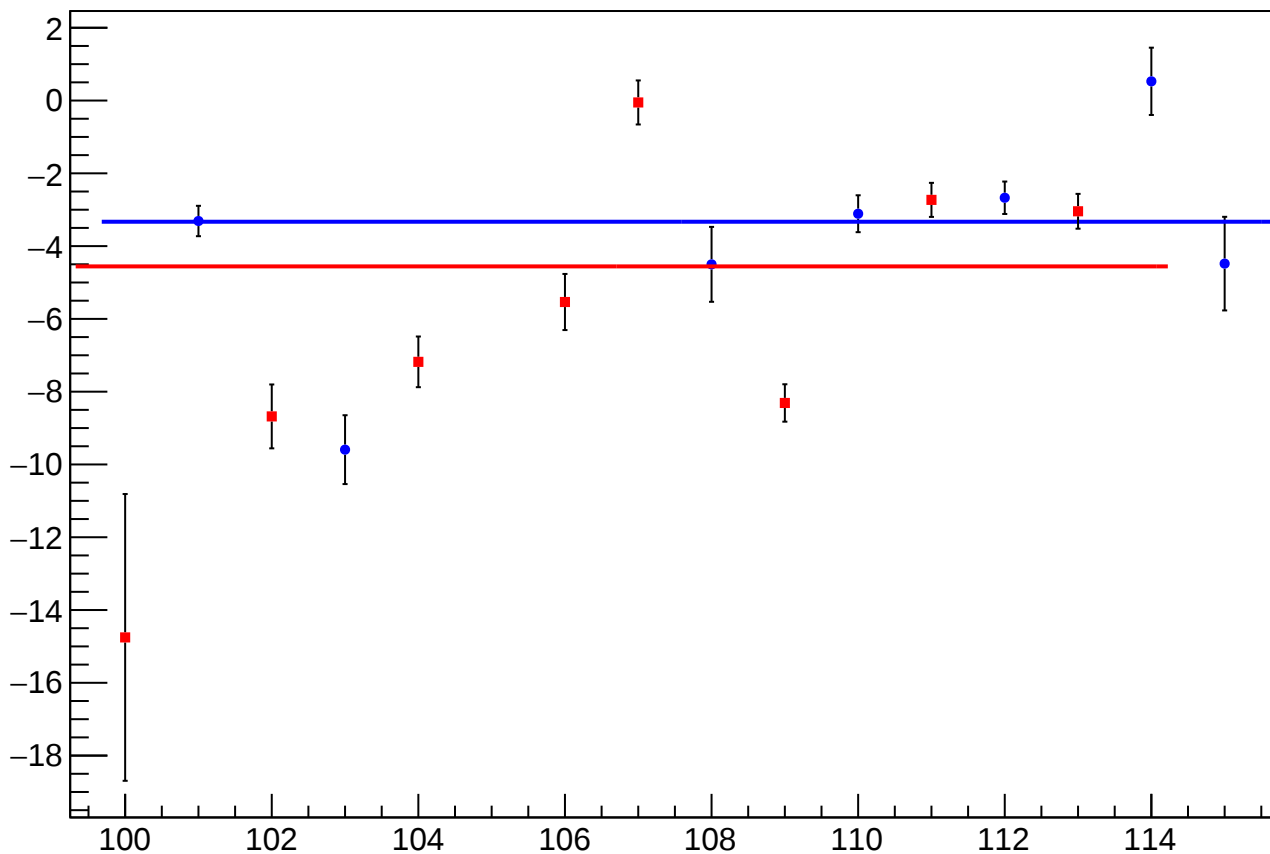
Right: 0.250 $\pm$ 0.208 χ^2 /NDF: 1629.9/14

In: 1.742 $\pm$ 0.314 χ^2 /NDF: 906.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.250 $\pm$ 0.208 χ^2 /NDF: 1629.9/14

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.330 ± 0.233 χ^2/NDF : 65.7/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.557 ± 0.221 χ^2/NDF : 178.6/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

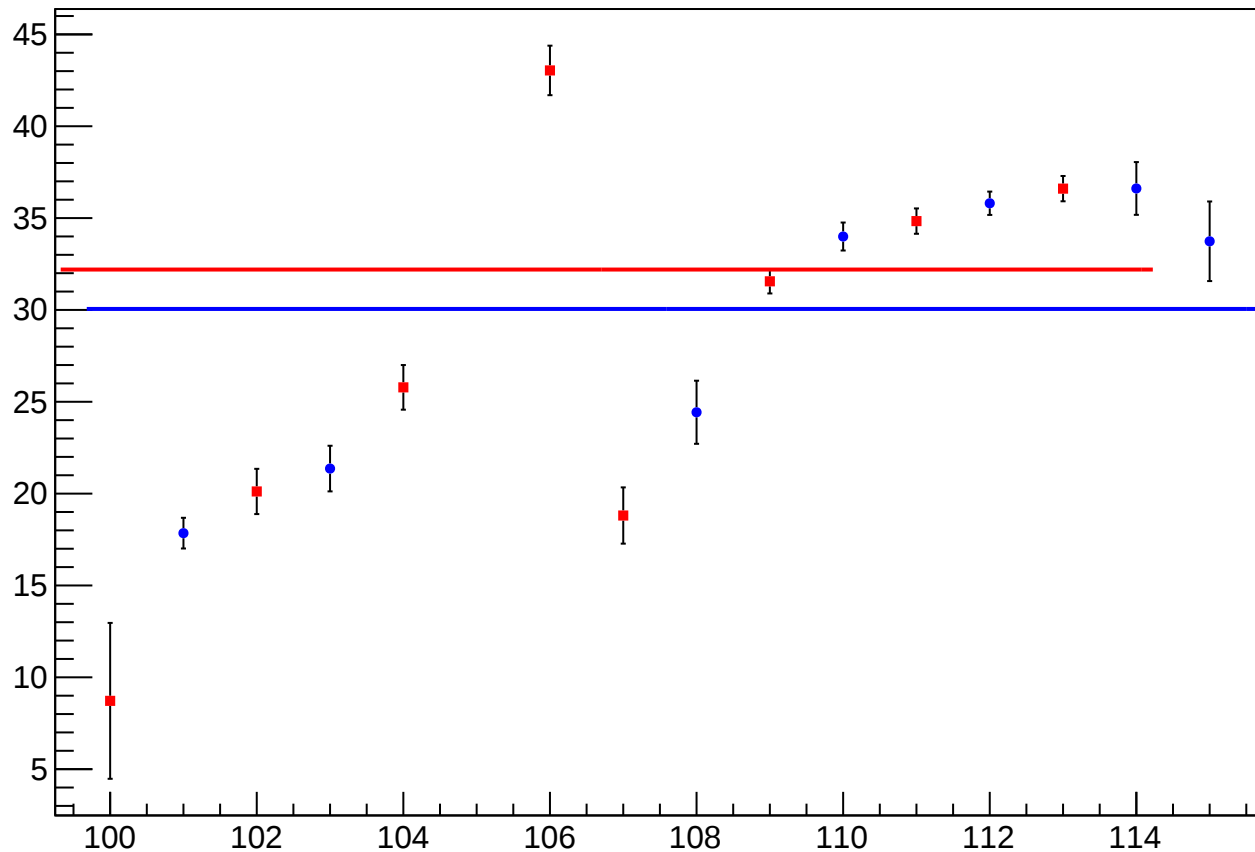
Right: -3.976 ± 0.160 χ^2/NDF : 259.0/14

In: -3.330 ± 0.233 χ^2/NDF : 65.7/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.976 ± 0.160 χ^2/NDF : 259.0/14

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 30.054+/-0.370 χ^2/NDF : 405.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.198+/-0.336 χ^2/NDF : 352.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

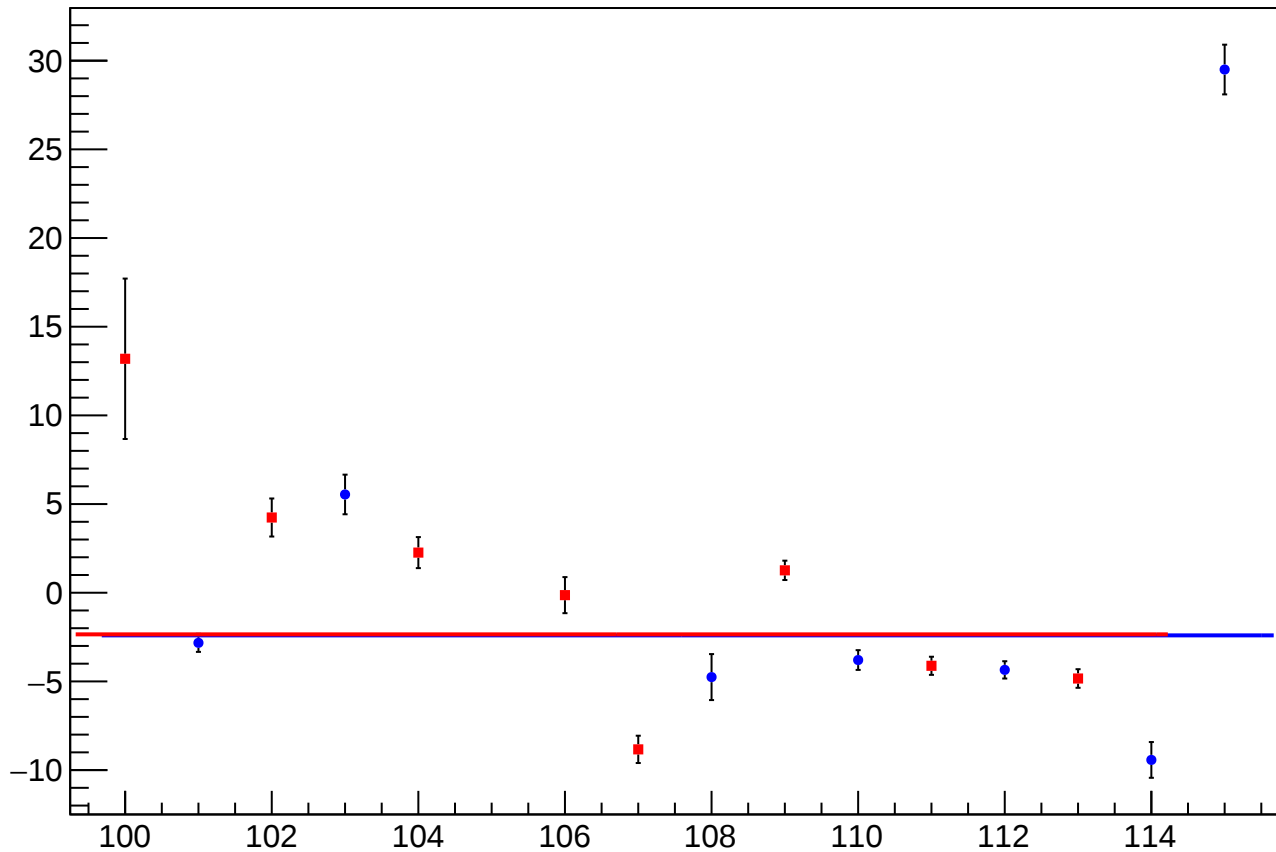
Right: 31.229+/-0.249 χ^2/NDF : 776.5/14

In: 30.054+/-0.370 χ^2/NDF : 405.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.229+/-0.249 χ^2/NDF : 776.5/14

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.404+/-0.266 χ^2/NDF : 643.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.347+/-0.252 χ^2/NDF : 231.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

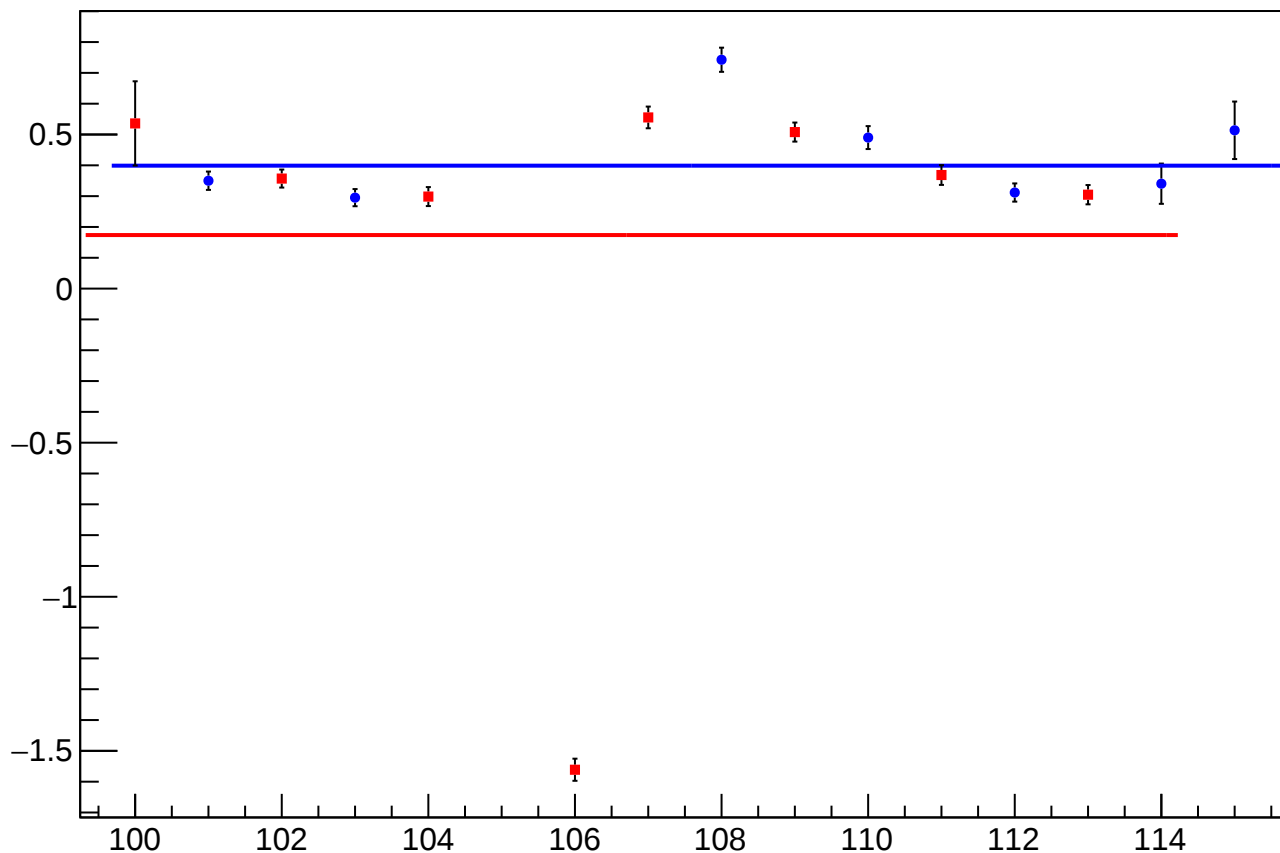
Right: -2.374+/-0.183 χ^2/NDF : 874.6/14

In: -2.404+/-0.266 χ^2/NDF : 643.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.374+/-0.183 χ^2/NDF : 874.6/14

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.399+/-0.014 χ^2/NDF : 110.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.174+/-0.012 χ^2/NDF : 2688.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

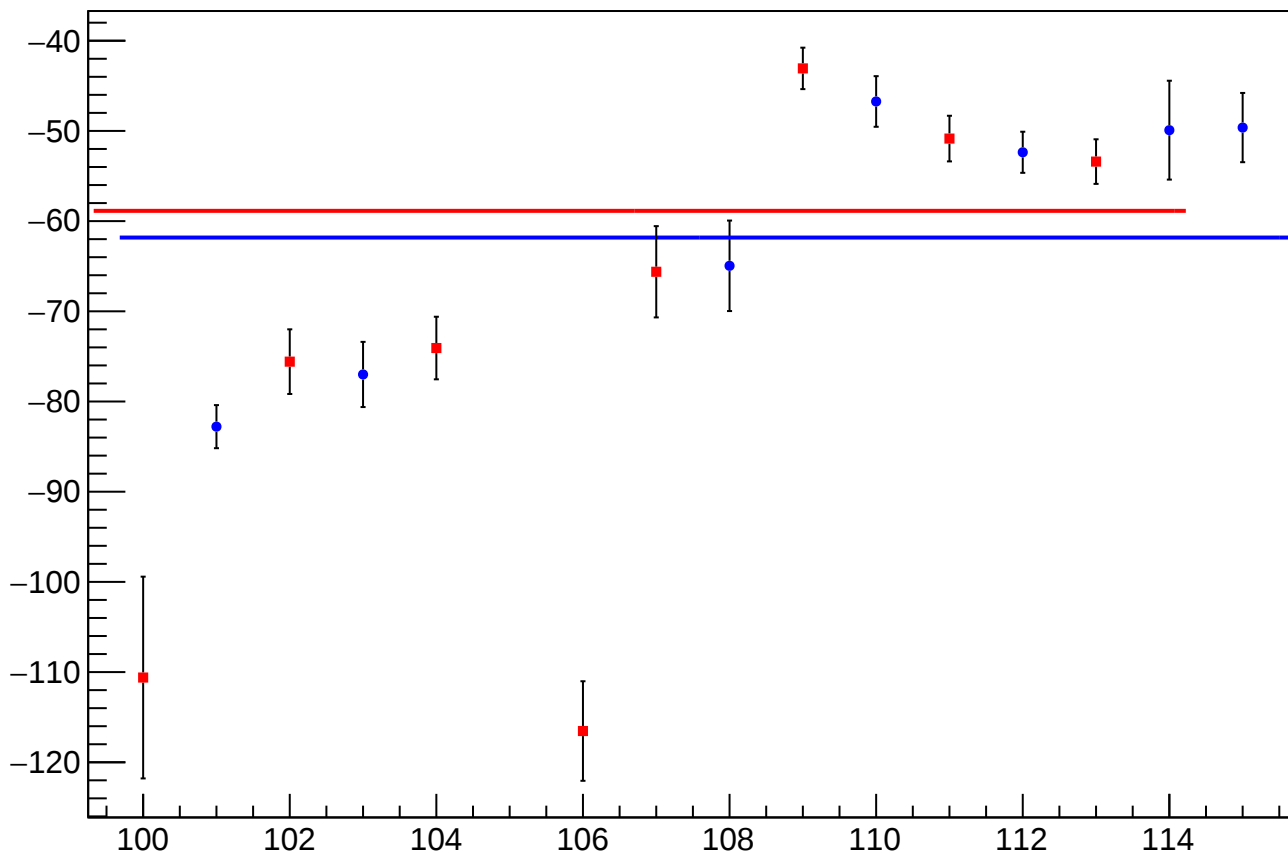
Right: 0.271+/-0.009 χ^2/NDF : 2950.8/14

In: 0.399+/-0.014 χ^2/NDF : 110.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.271+/-0.009 χ^2/NDF : 2950.8/14

reg_asym_sam_24_68_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -61.822 $\pm$ 1.185 χ^2 /NDF: 156.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -58.860 $\pm$ 1.155 χ^2 /NDF: 235.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

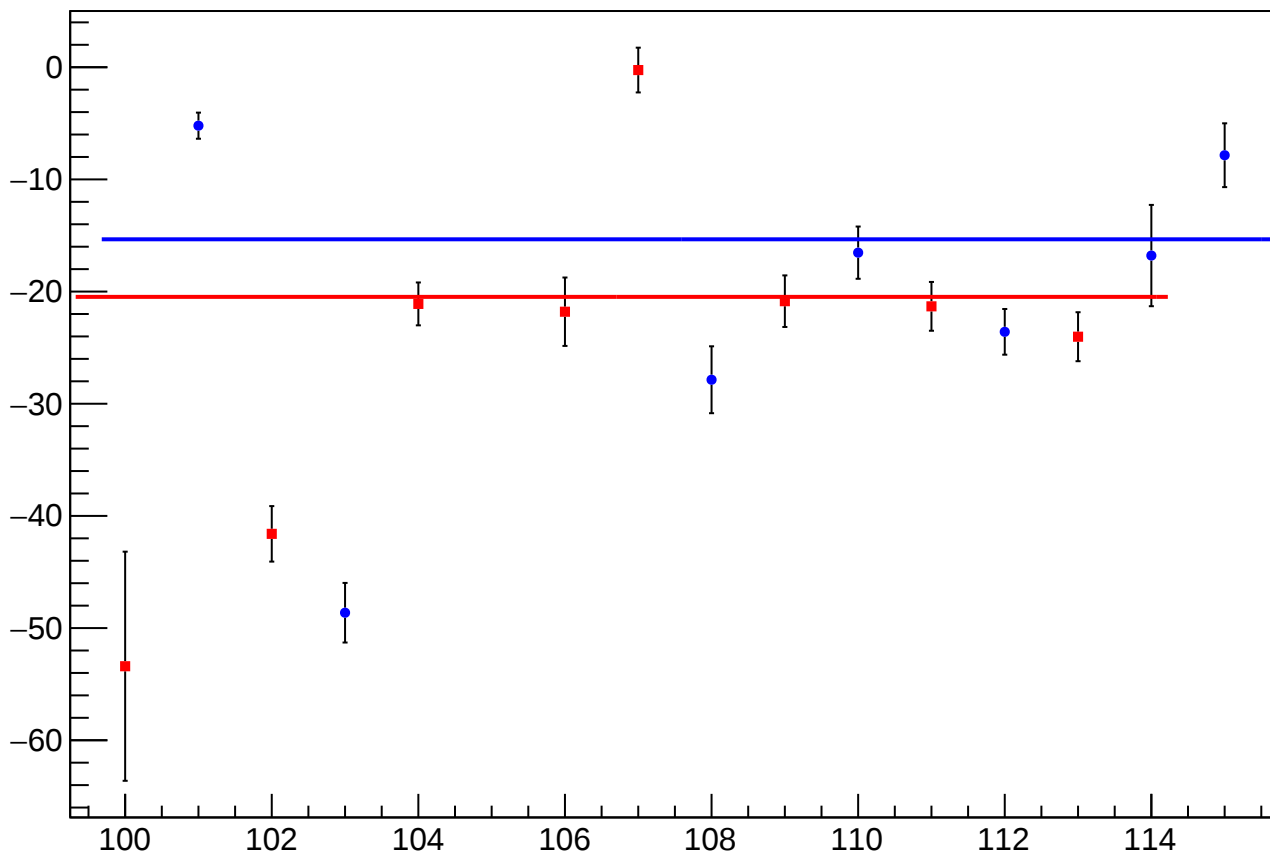
Right: -60.303 $\pm$ 0.827 χ^2 /NDF: 394.7/14

In: -61.822 $\pm$ 1.185 χ^2 /NDF: 156.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -60.303 $\pm$ 0.827 χ^2 /NDF: 394.7/14

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -15.341+/-0.793 χ^2/NDF : 274.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.472+/-0.840 χ^2/NDF : 189.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

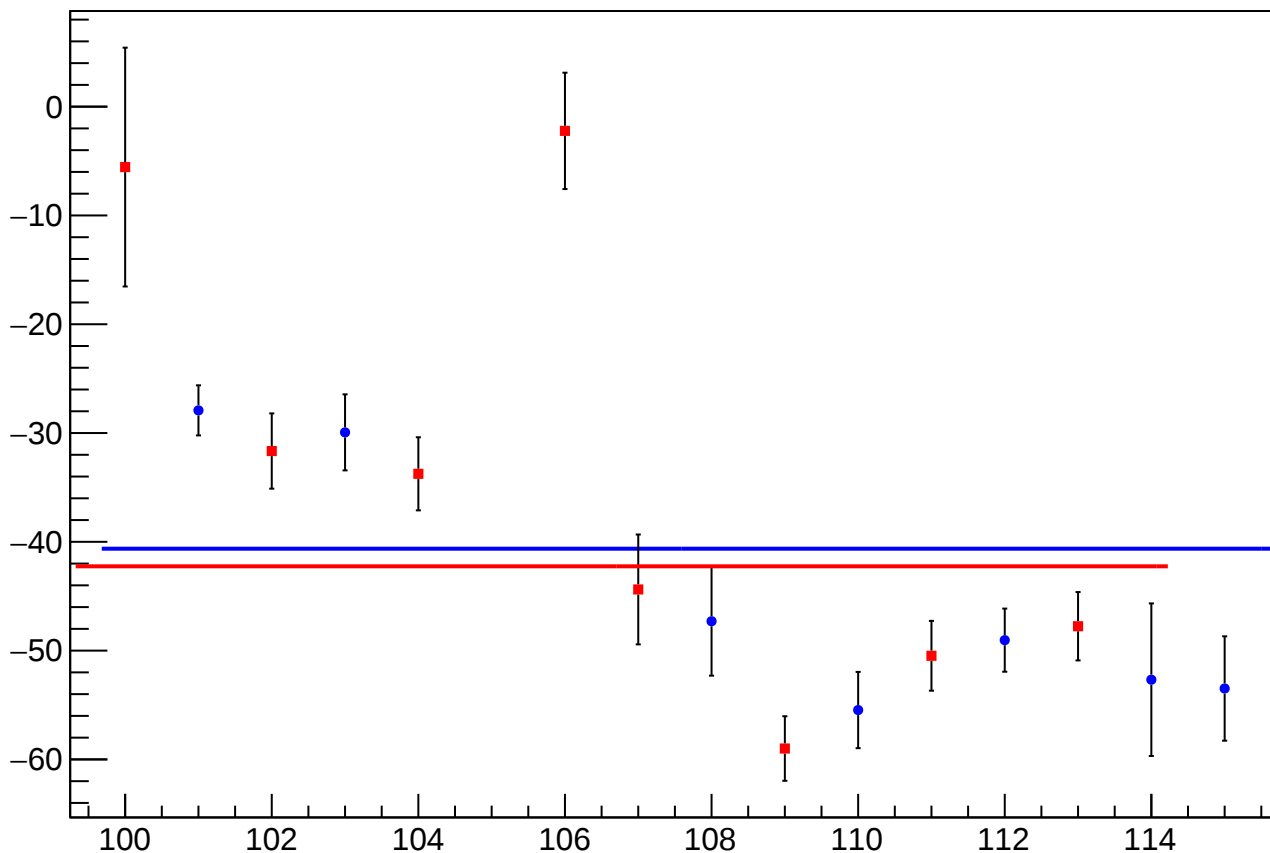
Right: -17.758+/-0.577 χ^2/NDF : 482.9/14

In: -15.341+/-0.793 χ^2/NDF : 274.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.758+/-0.577 χ^2/NDF : 482.9/14

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -40.632+/-1.319 χ^2/NDF : 78.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -42.251+/-1.328 χ^2/NDF : 124.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

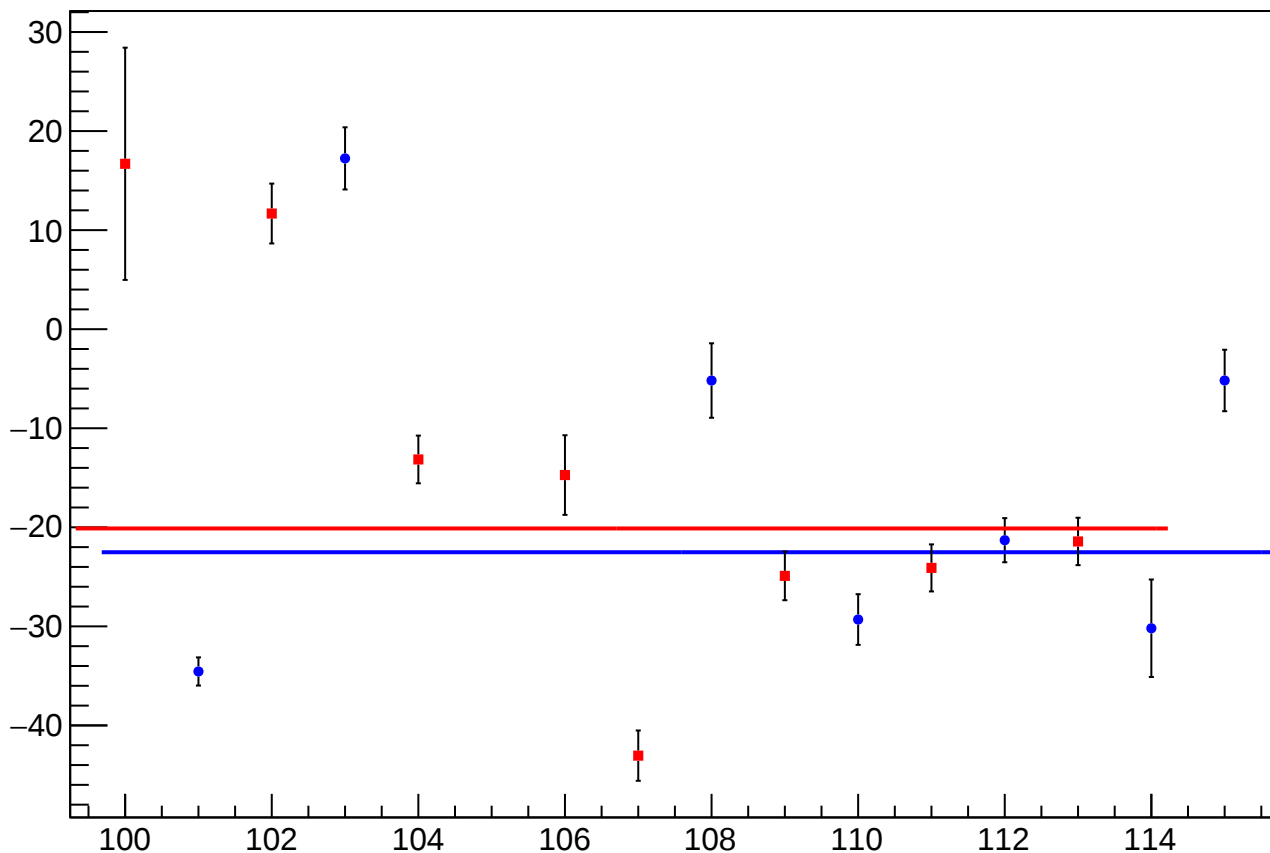
Right: -41.436+/-0.936 χ^2/NDF : 203.5/14

In: -40.632+/-1.319 χ^2/NDF : 78.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.436+/-0.936 χ^2/NDF : 203.5/14

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -22.515 $\pm$ 0.926 χ^2 /NDF: 294.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -20.116 $\pm$ 0.988 χ^2 /NDF: 219.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

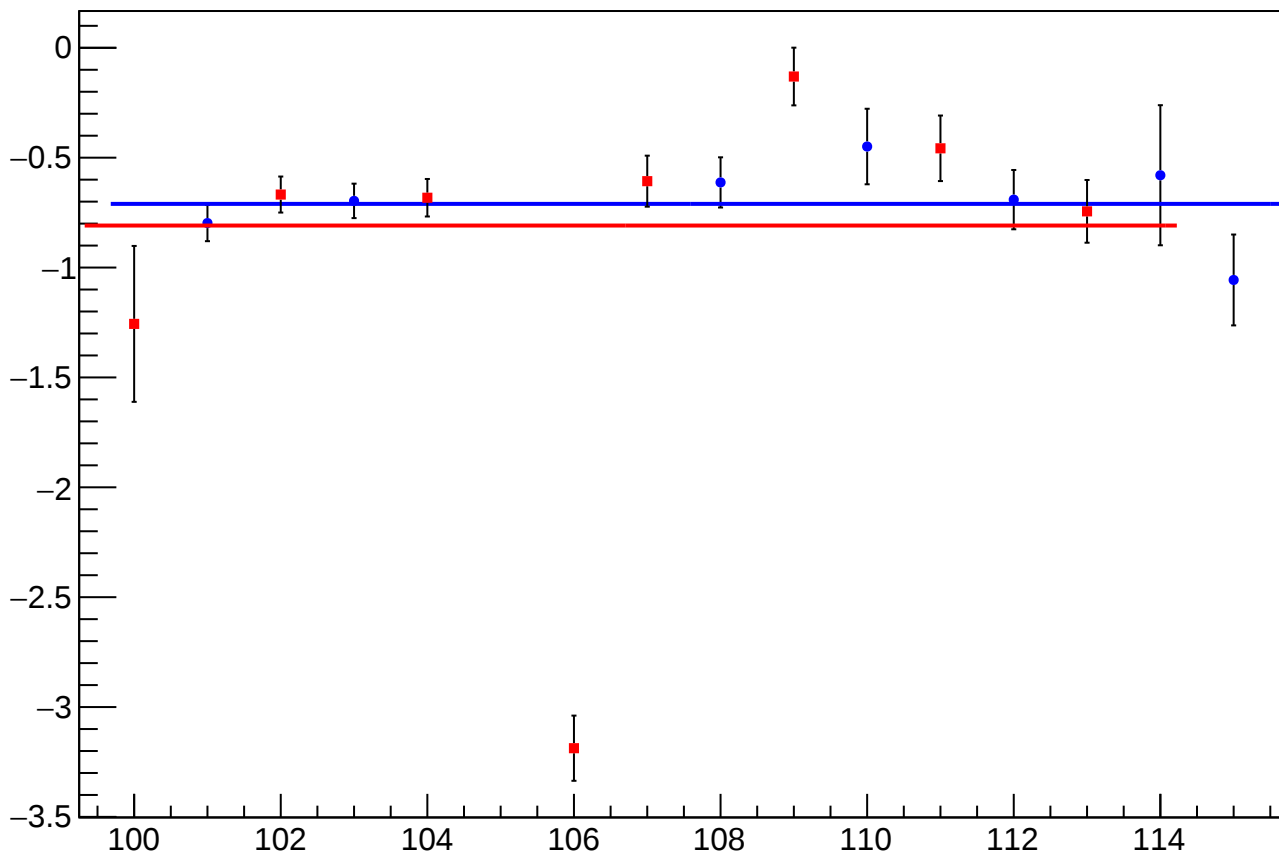
Right: -21.394 $\pm$ 0.676 χ^2 /NDF: 516.9/14

In: -22.515 $\pm$ 0.926 χ^2 /NDF:294.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -21.394 $\pm$ 0.676 χ^2 /NDF: 516.9/14

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.710+/-0.044 χ^2/NDF : 7.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.809+/-0.042 χ^2/NDF : 299.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

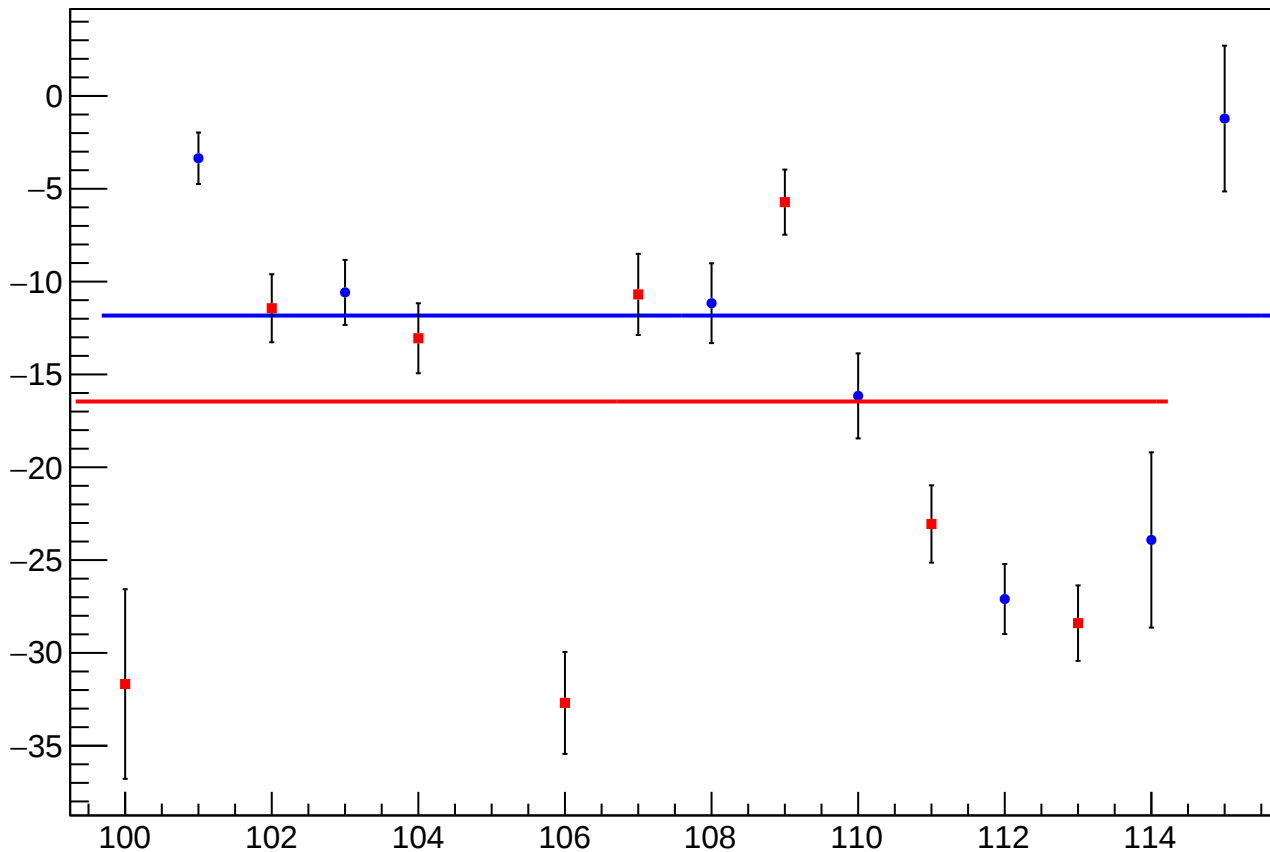
Right: -0.762+/-0.031 χ^2/NDF : 309.1/14

In: -0.710+/-0.044 χ^2/NDF : 7.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.762+/-0.031 χ^2/NDF : 309.1/14

reg_asym_sam_26_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -11.829 $\pm$ 0.780 χ^2 /NDF: 120.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -16.457 $\pm$ 0.754 χ^2 /NDF: 143.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

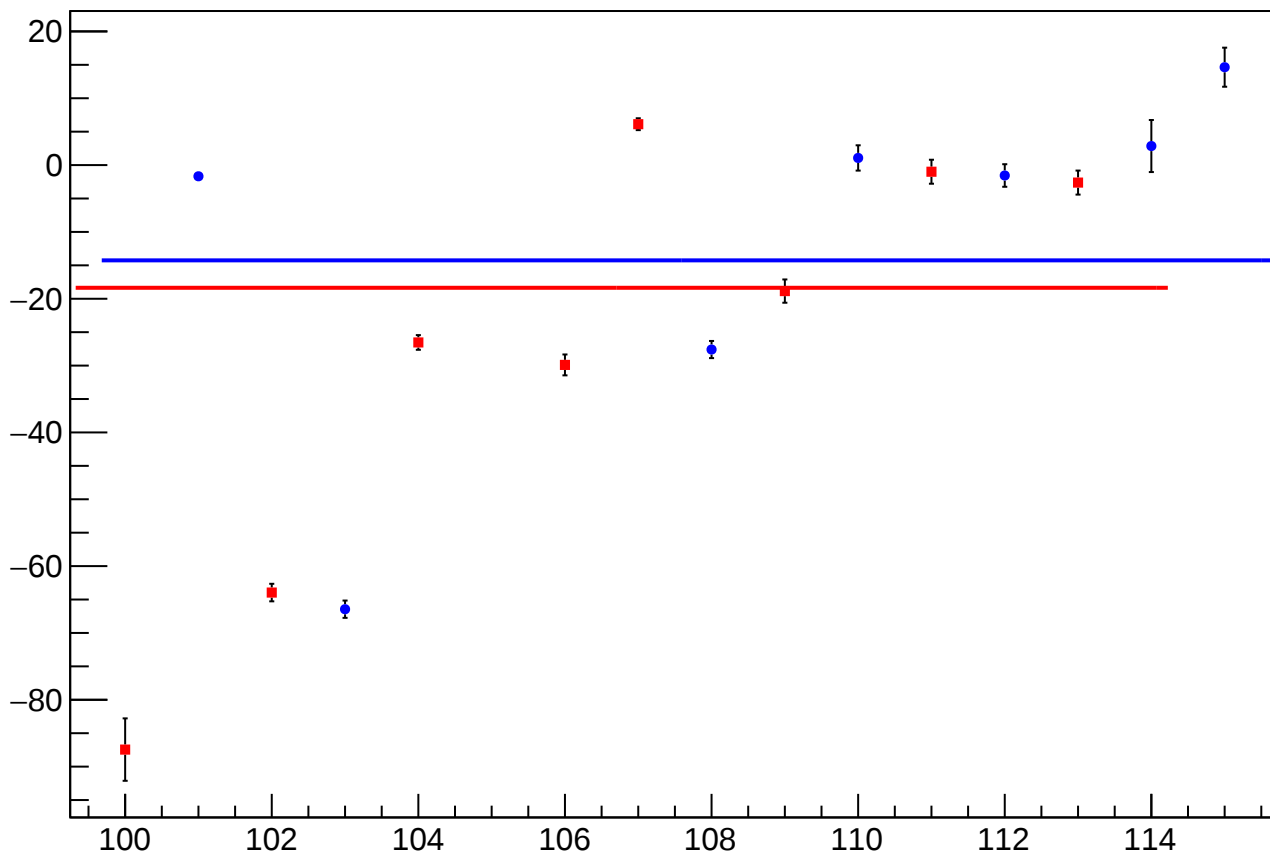
Right: -14.220 $\pm$ 0.542 χ^2 /NDF: 282.8/14

In: -11.829 $\pm$ 0.780 χ^2 /NDF:120.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -14.220 $\pm$ 0.542 χ^2 /NDF: 282.8/14

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -14.255+/-0.494 χ^2/NDF : 2304.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.358+/-0.495 χ^2/NDF : 2469.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

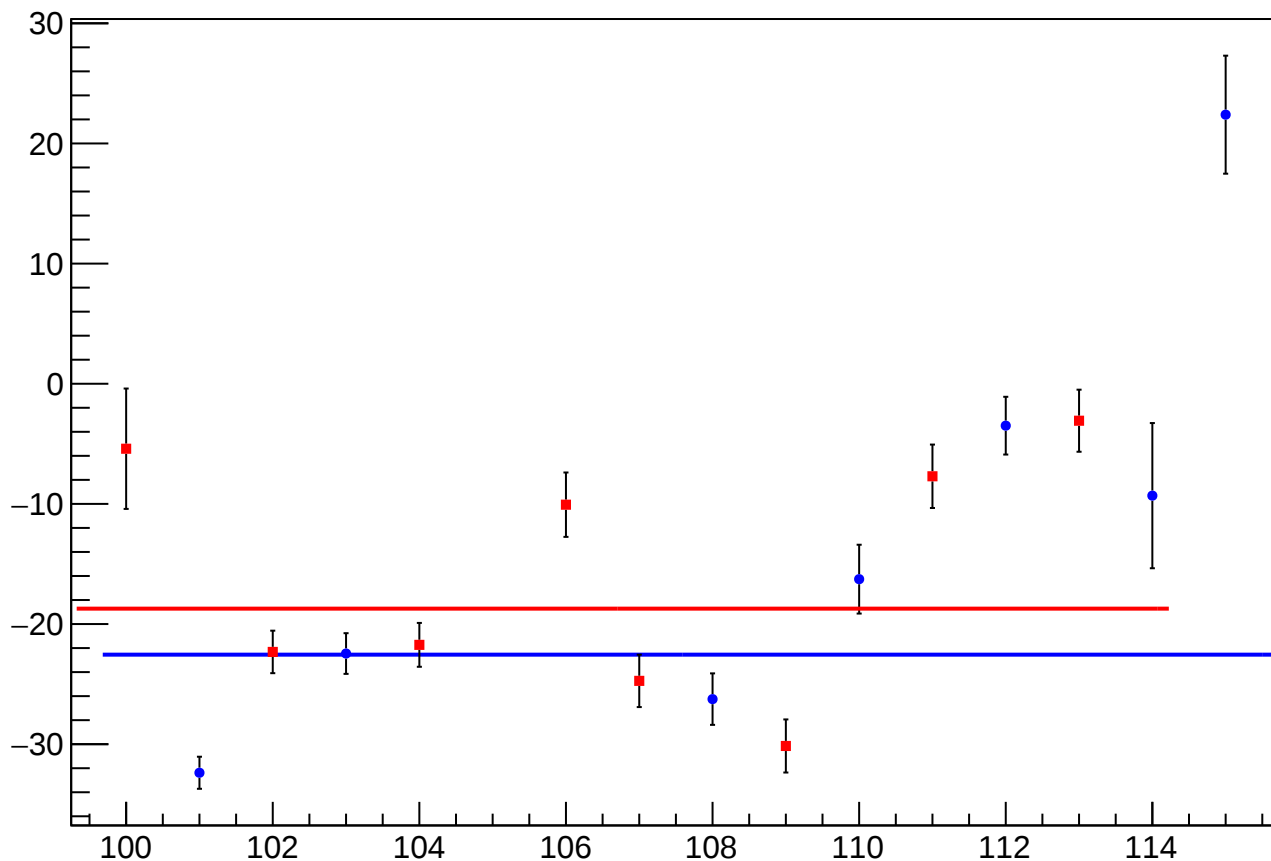
Right: -16.305+/-0.350 χ^2/NDF : 4808.7/14

In: -14.255+/-0.494 χ^2/NDF : 2304.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.305+/-0.350 χ^2/NDF : 4808.7/14

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -22.548 ± 0.819 χ^2/NDF : 213.4/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -18.718 ± 0.814 χ^2/NDF : 112.8/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

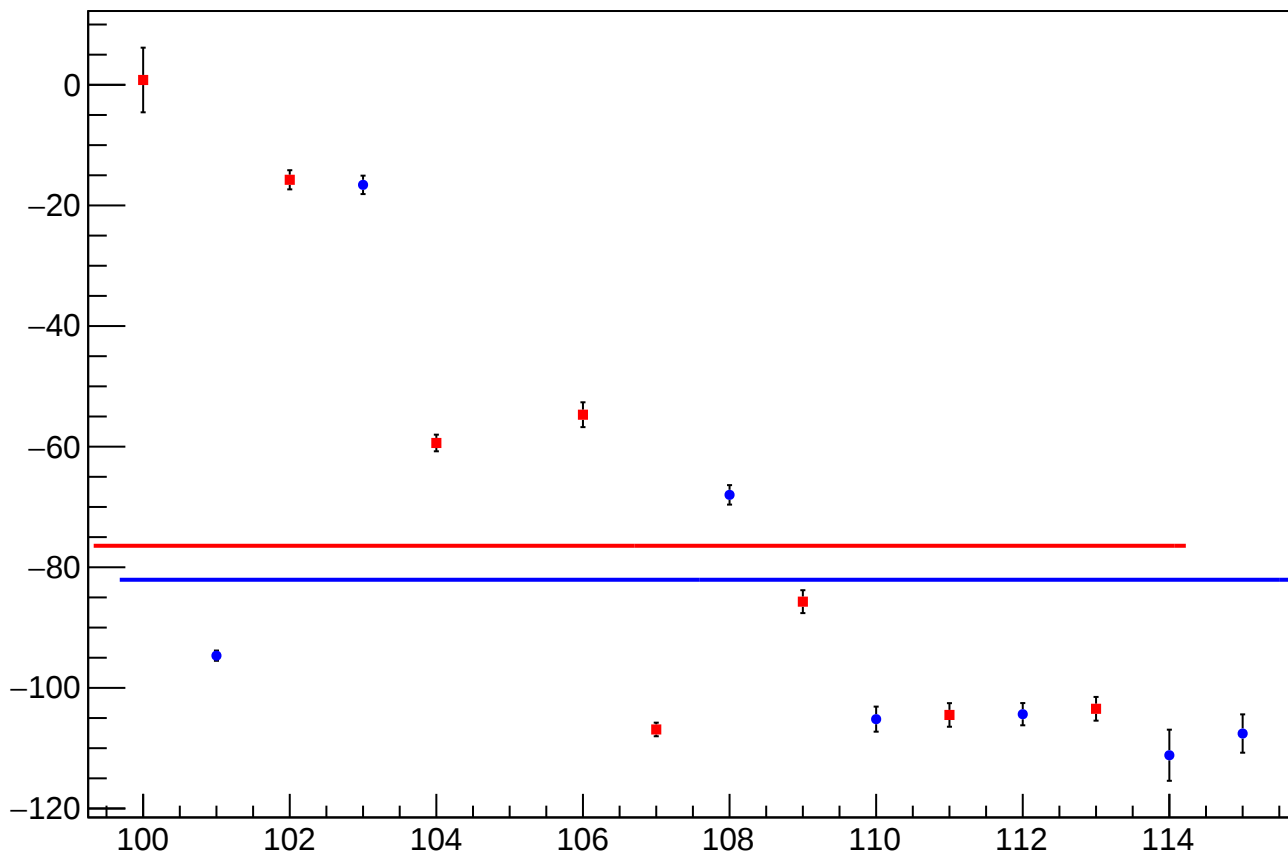
Right: -20.623 ± 0.577 χ^2/NDF : 337.2/14

In: -22.548 ± 0.819 χ^2/NDF : 213.4/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.623 ± 0.577 χ^2/NDF : 337.2/14

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -82.071 $\pm$ 0.590 χ^2 /NDF: 2515.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -76.434 $\pm$ 0.600 χ^2 /NDF: 3080.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

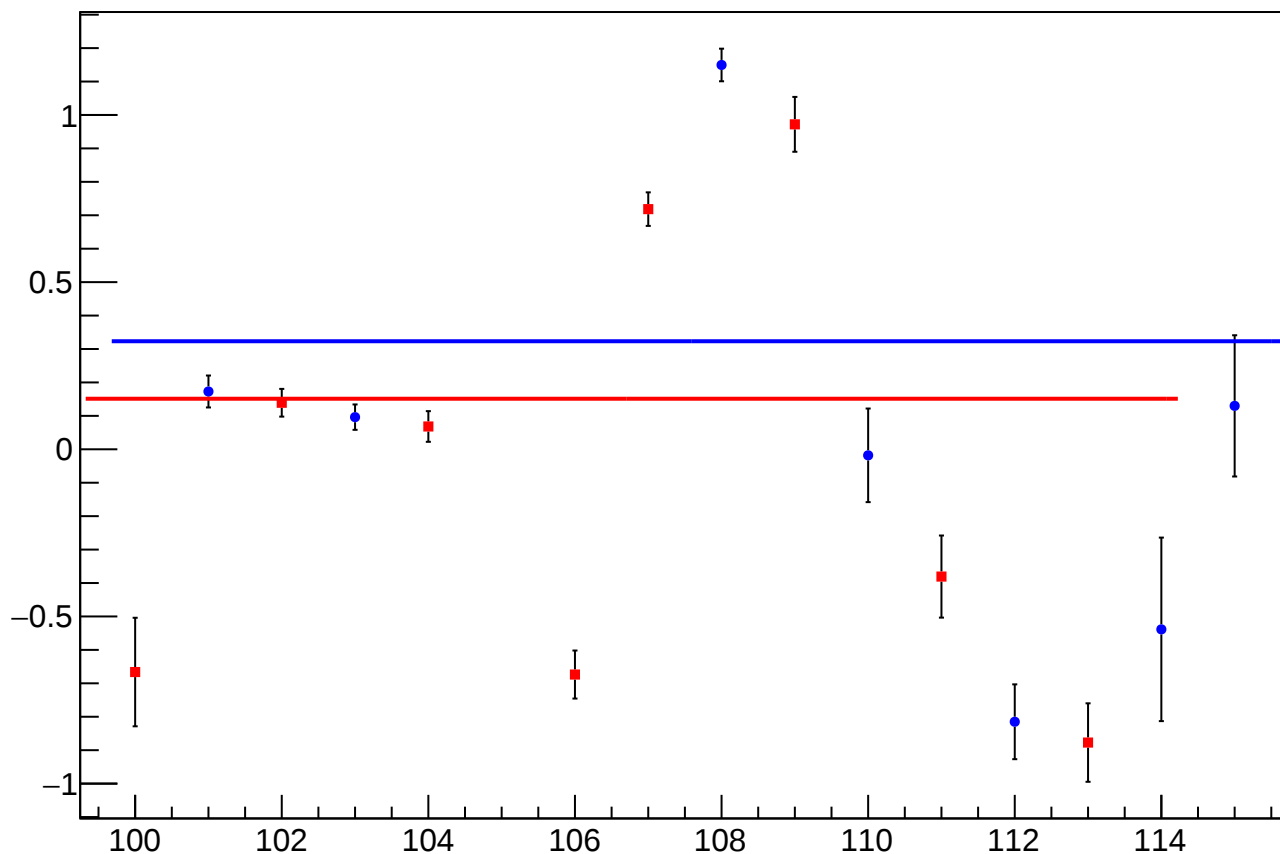
Right: -79.302 $\pm$ 0.421 χ^2 /NDF: 5640.7/14

In: -82.071 $\pm$ 0.590 χ^2 /NDF:2515.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -79.302 $\pm$ 0.421 χ^2 /NDF: 5640.7/14

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.323+/-0.024 χ^2/NDF : 452.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.151+/-0.023 χ^2/NDF : 484.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

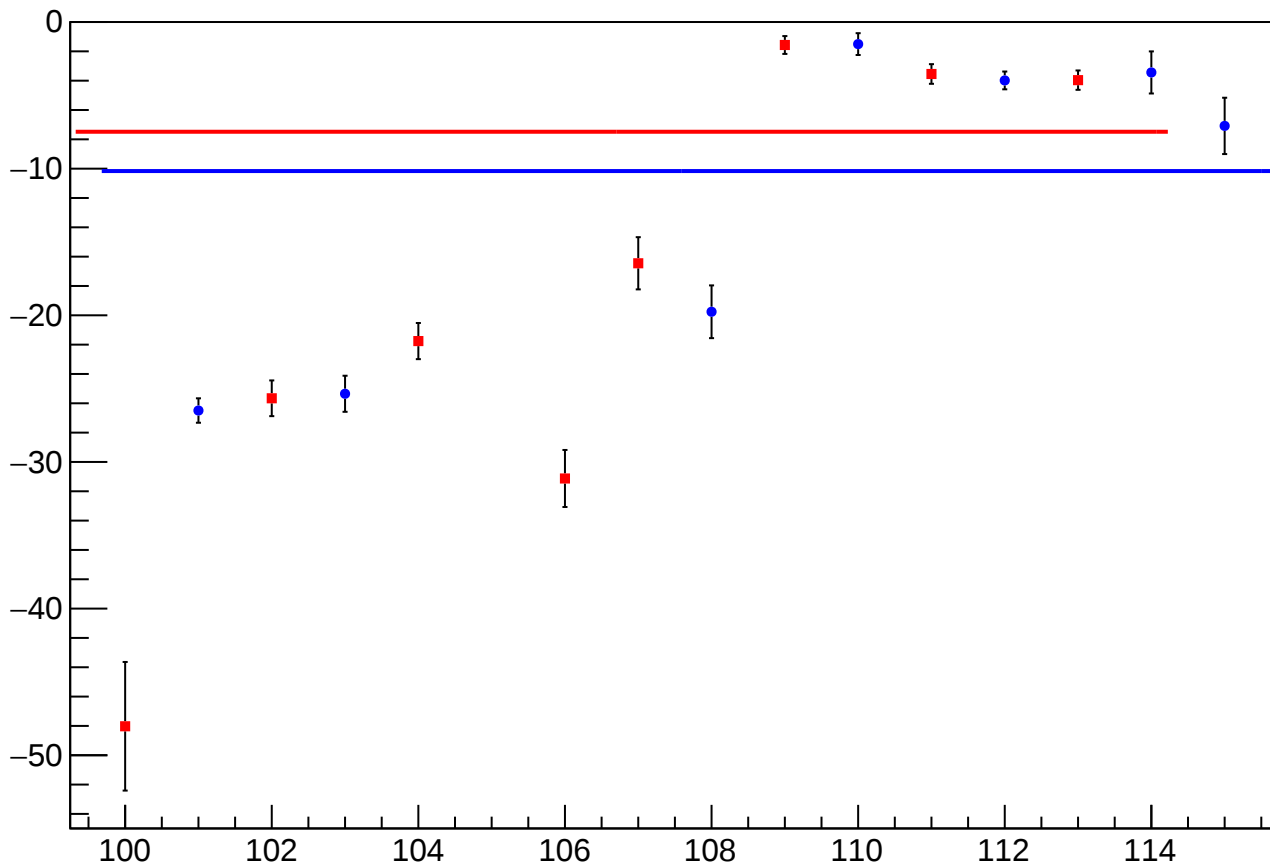
Right: 0.231+/-0.016 χ^2/NDF : 964.1/14

In: 0.323+/-0.024 χ^2/NDF : 452.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.231+/-0.016 χ^2/NDF : 964.1/14

reg_asym_sam_1357_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -10.163+/-0.361 χ^2/NDF : 829.0/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -7.483+/-0.330 χ^2/NDF : 773.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

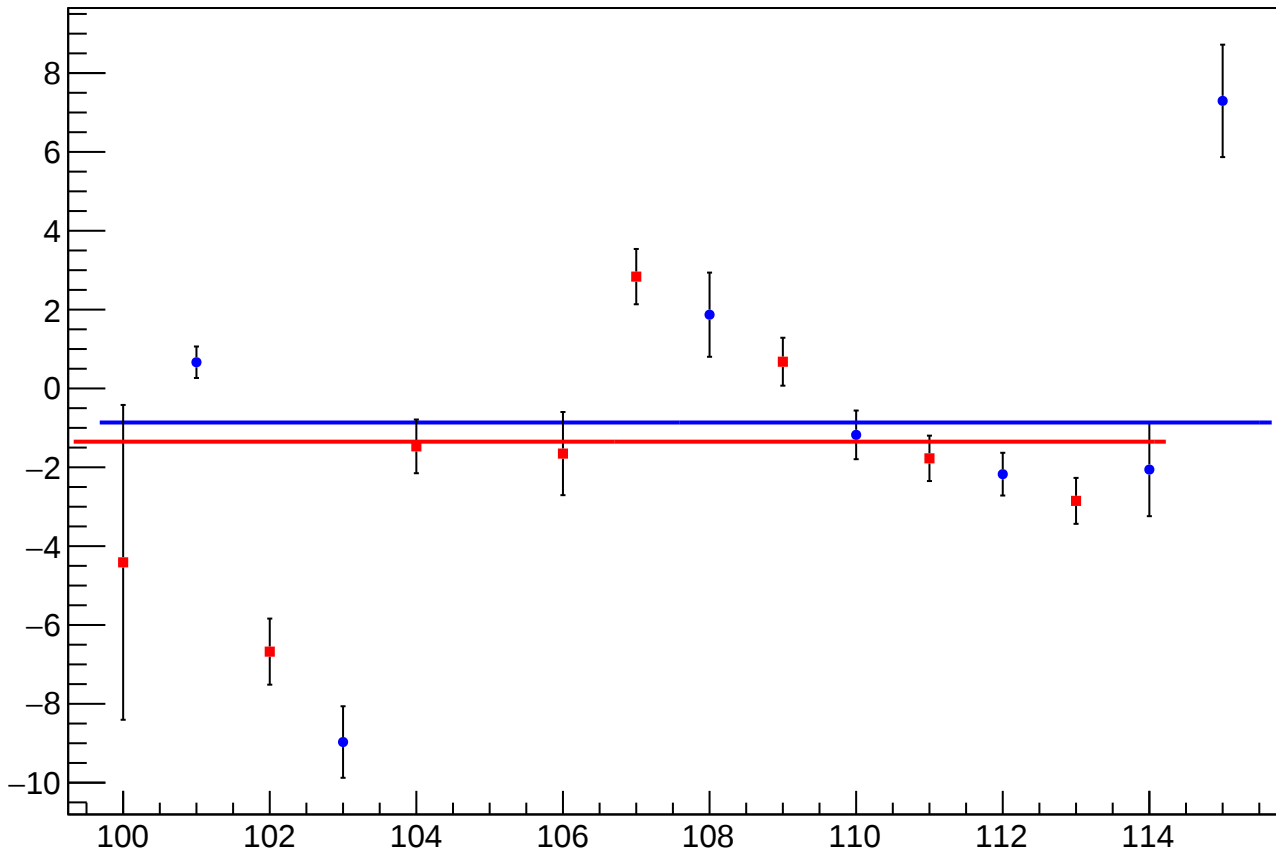
Right: -8.704+/-0.243 χ^2/NDF : 1632.2/14

In: -10.163+/-0.361 χ^2/NDF :829.0/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -8.704+/-0.243 χ^2/NDF : 1632.2/14

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.864+/-0.253 χ^2/NDF : 140.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.350+/-0.256 χ^2/NDF : 95.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

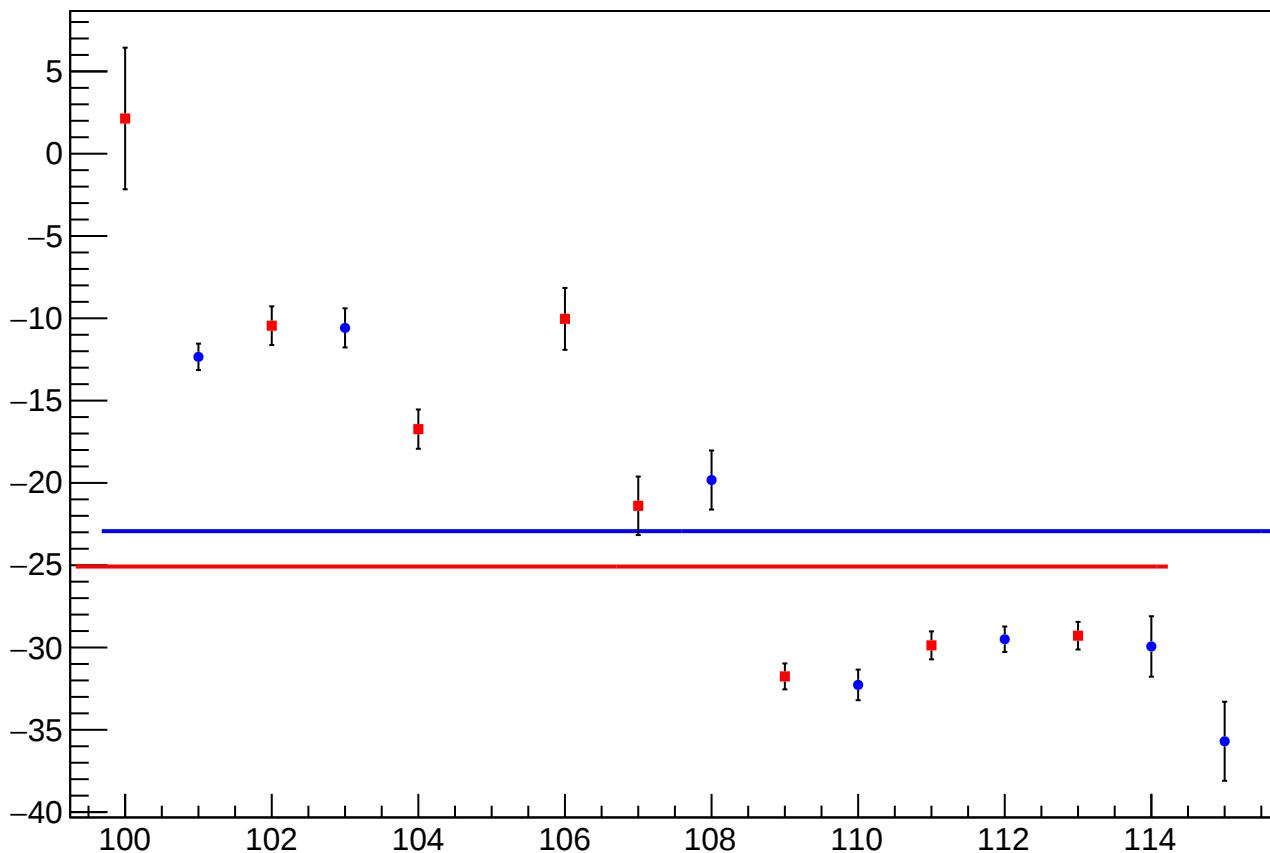
Right: -1.104+/-0.180 χ^2/NDF : 237.7/14

In: -0.864+/-0.253 χ^2/NDF : 140.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.104+/-0.180 χ^2/NDF : 237.7/14

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -22.930+/-0.413 χ^2/NDF : 501.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.083+/-0.392 χ^2/NDF : 440.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

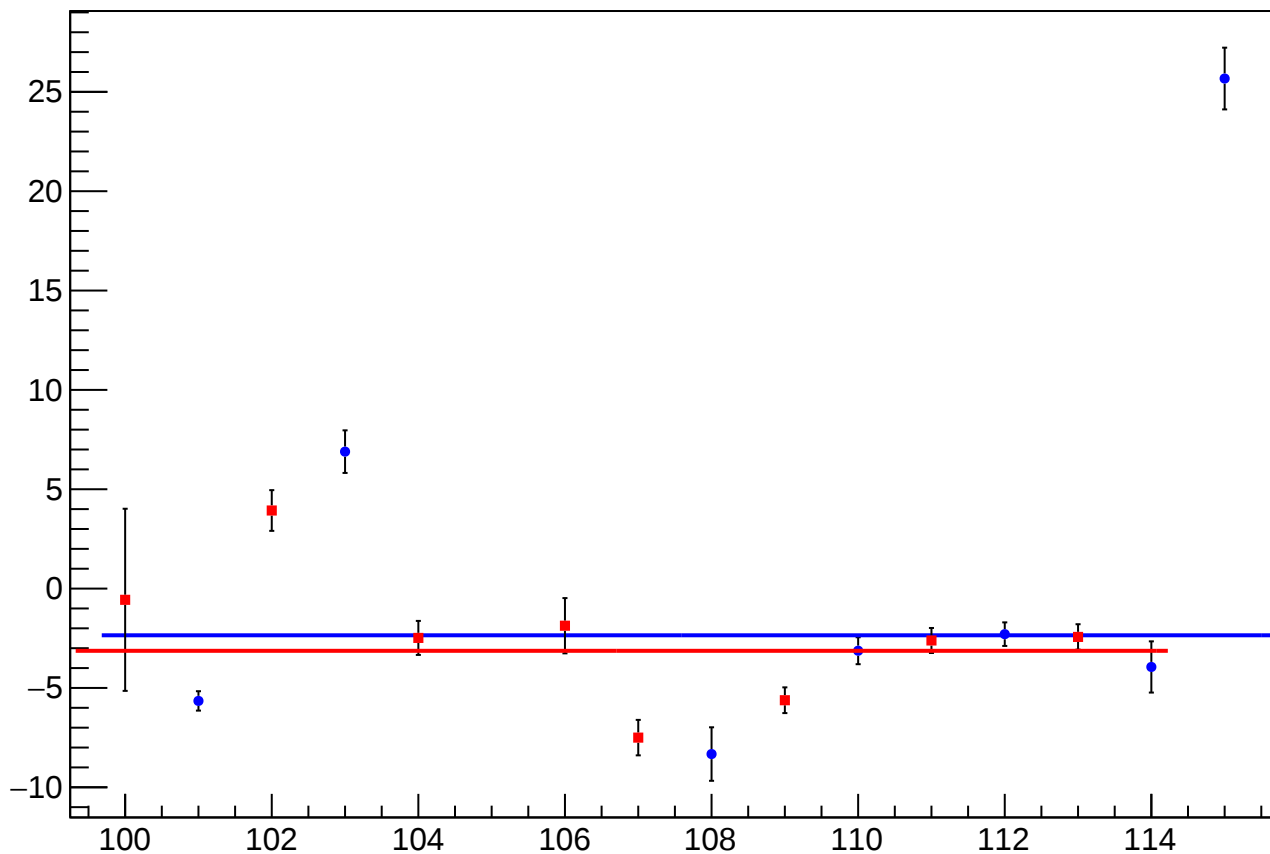
Right: -24.060+/-0.284 χ^2/NDF : 956.1/14

In: -22.930+/-0.413 χ^2/NDF : 501.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.060+/-0.284 χ^2/NDF : 956.1/14

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.350+/-0.293 χ^2/NDF : 468.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.131+/-0.295 χ^2/NDF : 89.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

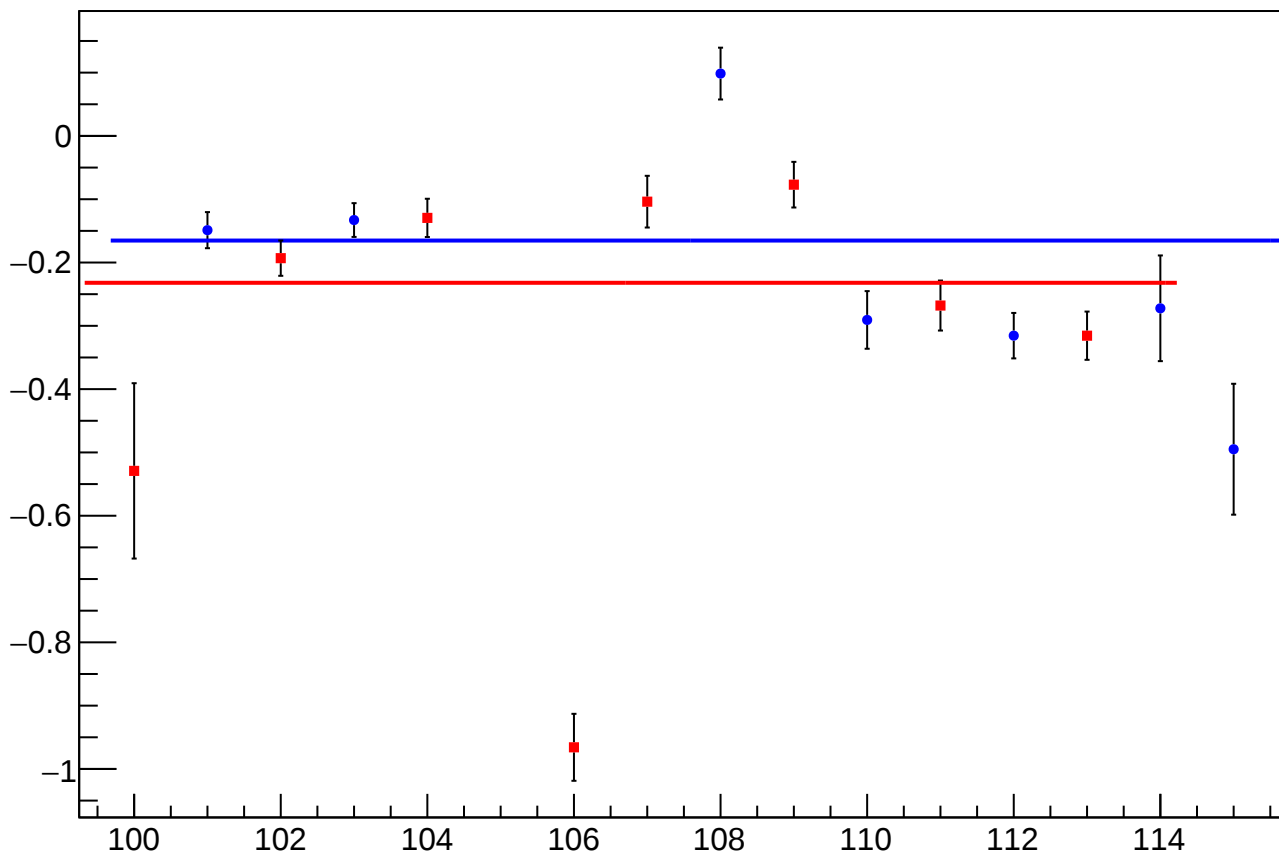
Right: -2.738+/-0.208 χ^2/NDF : 561.4/14

In: -2.350+/-0.293 χ^2/NDF : 468.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.738+/-0.208 χ^2/NDF : 561.4/14

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.165+/-0.015 χ^2/NDF : 80.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.232+/-0.013 χ^2/NDF : 244.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

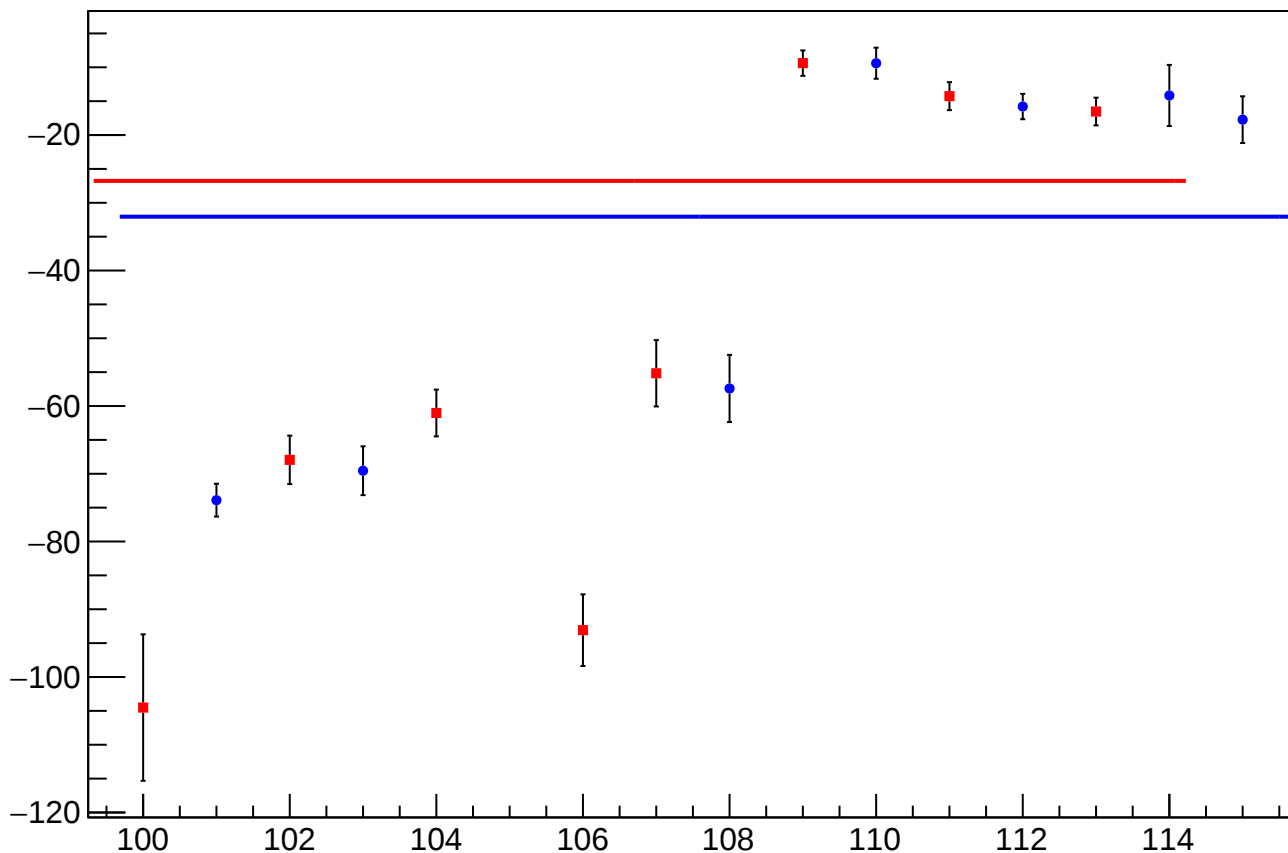
Right: -0.201+/-0.010 χ^2/NDF : 336.0/14

In: -0.165+/-0.015 χ^2/NDF : 80.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.201+/-0.010 χ^2/NDF : 336.0/14

reg_asym_sam_2468_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -32.049+/-1.056 χ^2/NDF : 637.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.770+/-0.998 χ^2/NDF : 620.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

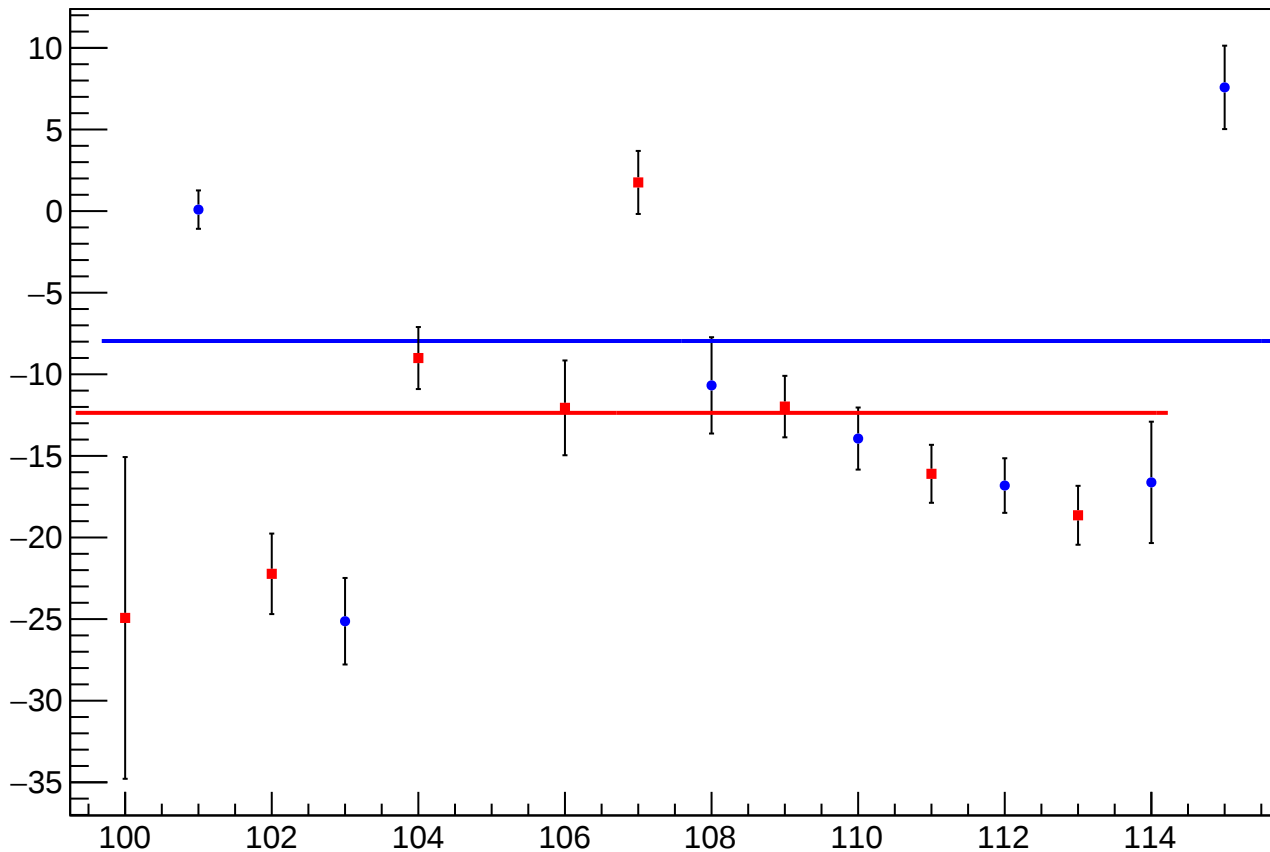
Right: -29.259+/-0.725 χ^2/NDF : 1271.8/14

In: -32.049+/-1.056 χ^2/NDF : 637.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.259+/-0.725 χ^2/NDF : 1271.8/14

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.960 $\pm$ 0.737 χ^2 /NDF: 170.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -12.363 $\pm$ 0.757 χ^2 /NDF: 90.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

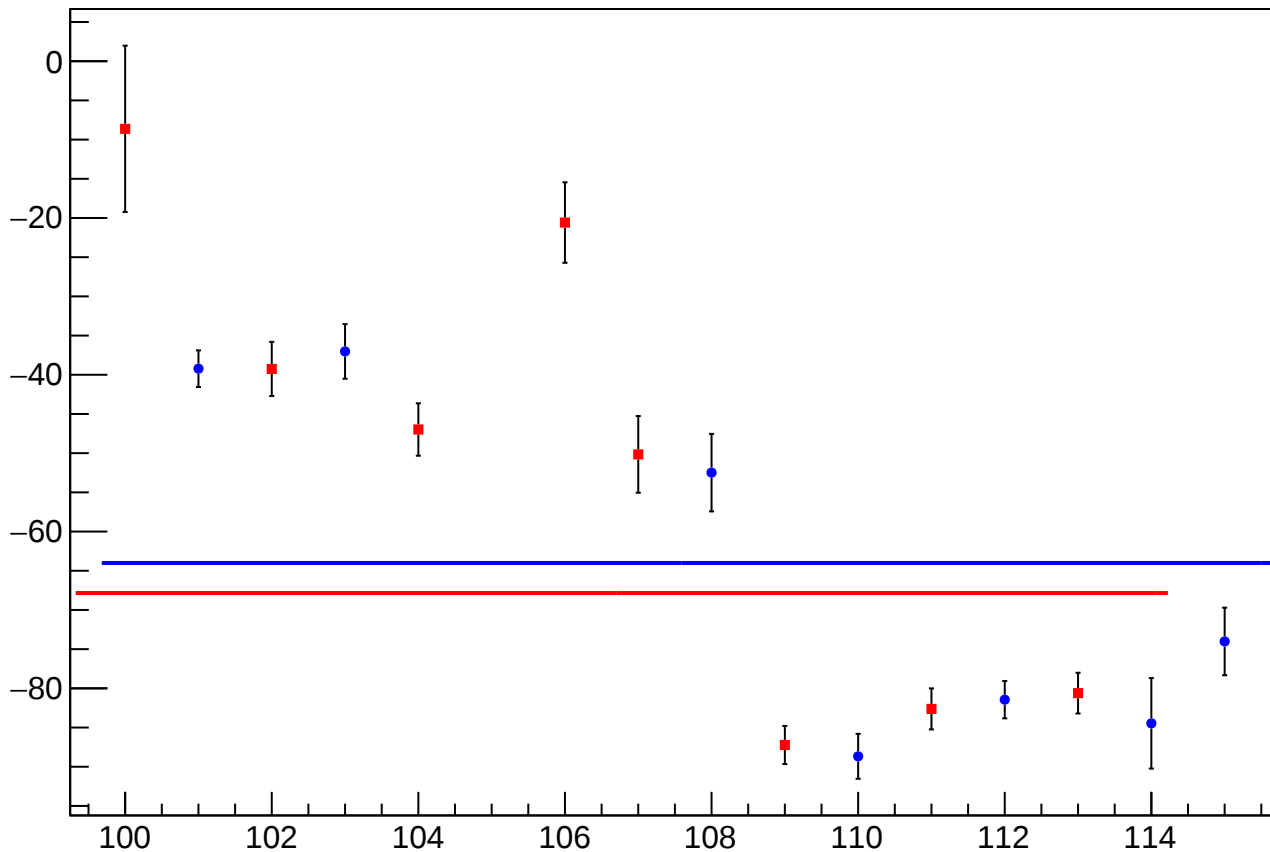
Right: -10.102 $\pm$ 0.528 χ^2 /NDF: 278.1/14

In: -7.960 $\pm$ 0.737 χ^2 /NDF:170.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -10.102 $\pm$ 0.528 χ^2 /NDF: 278.1/14

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -64.007+/-1.206 χ^2/NDF : 323.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -67.843+/-1.175 χ^2/NDF : 355.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

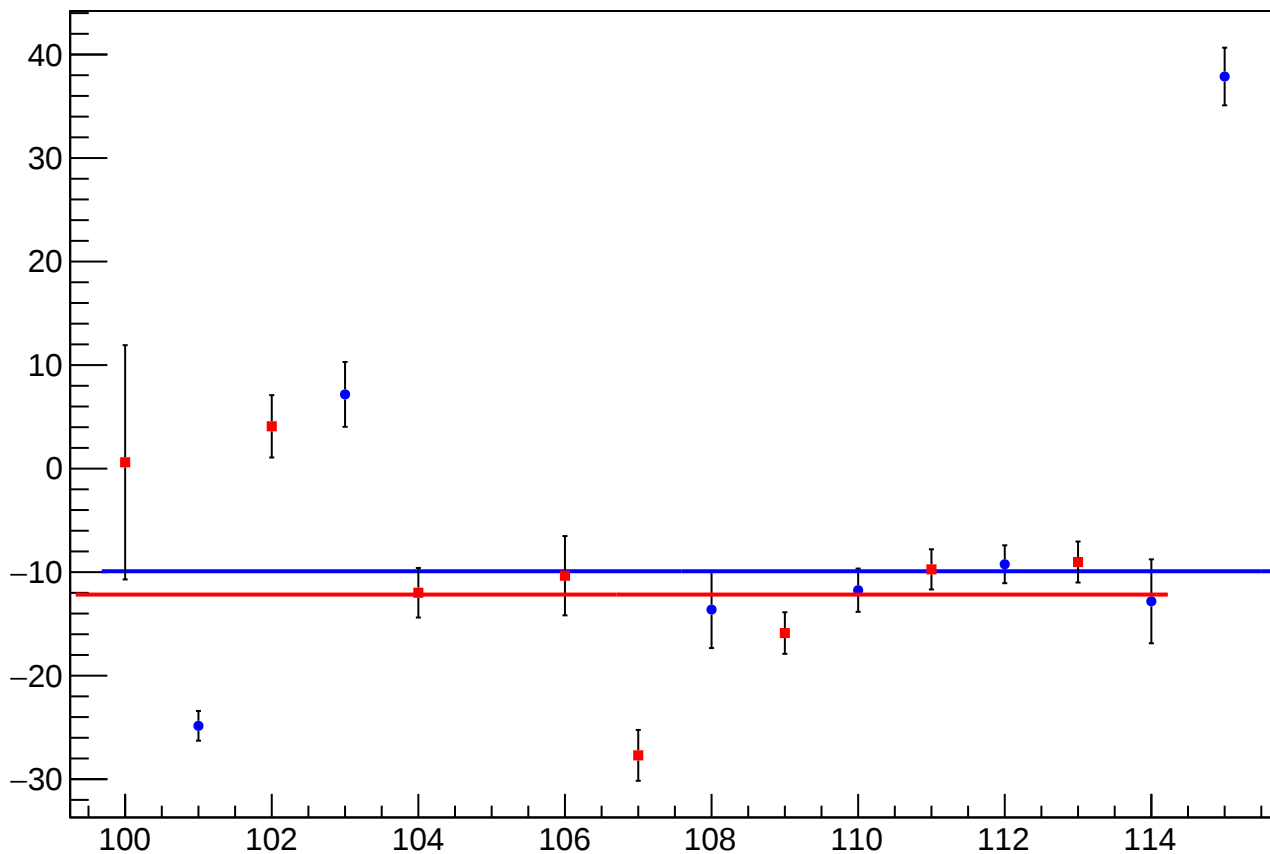
Right: -65.975+/-0.841 χ^2/NDF : 684.5/14

In: -64.007+/-1.206 χ^2/NDF : 323.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.975+/-0.841 χ^2/NDF : 684.5/14

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -9.914+/-0.852 χ^2/NDF : 434.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.166+/-0.878 χ^2/NDF : 78.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

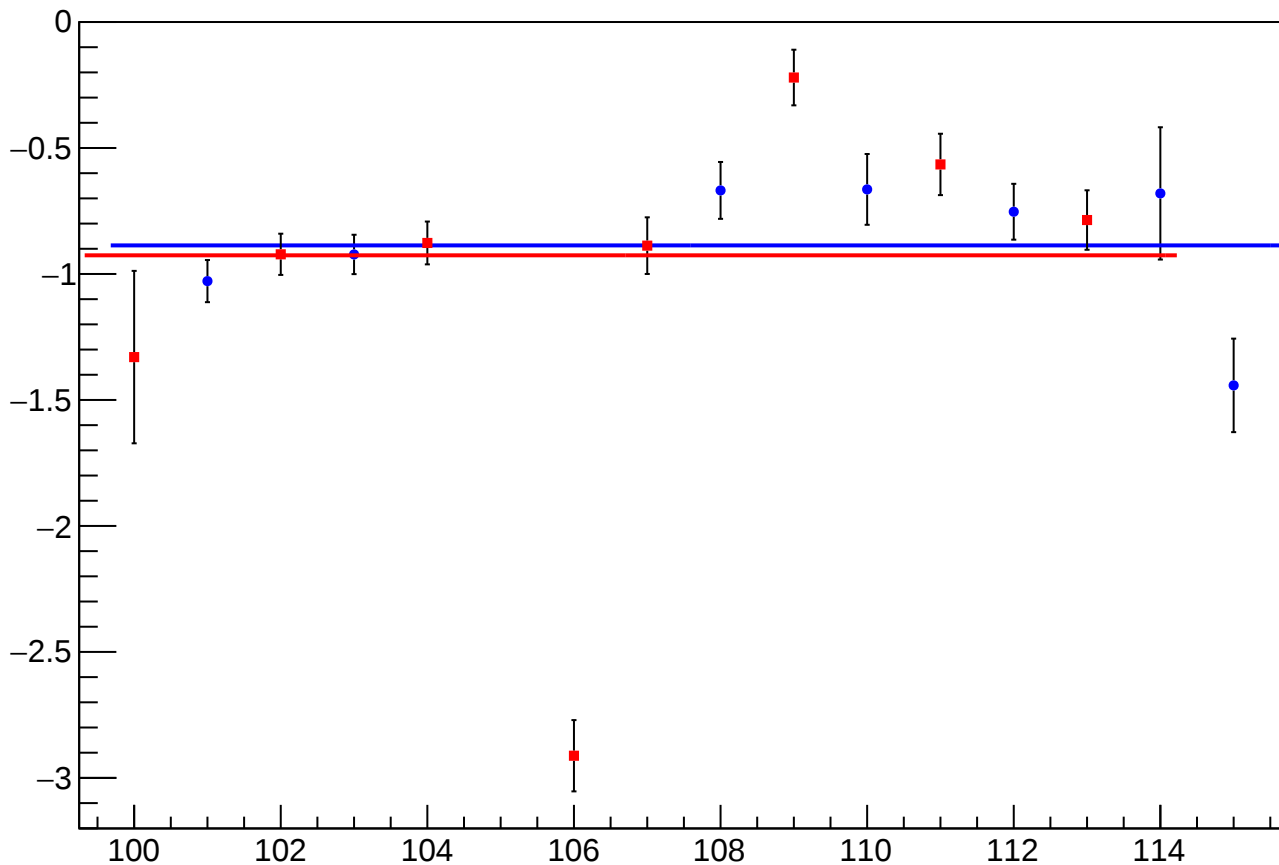
Right: -11.006+/-0.612 χ^2/NDF : 515.9/14

In: -9.914+/-0.852 χ^2/NDF : 434.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.006+/-0.612 χ^2/NDF : 515.9/14

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.887 $\pm$ 0.042 χ^2 /NDF: 20.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.926 $\pm$ 0.039 χ^2 /NDF: 250.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

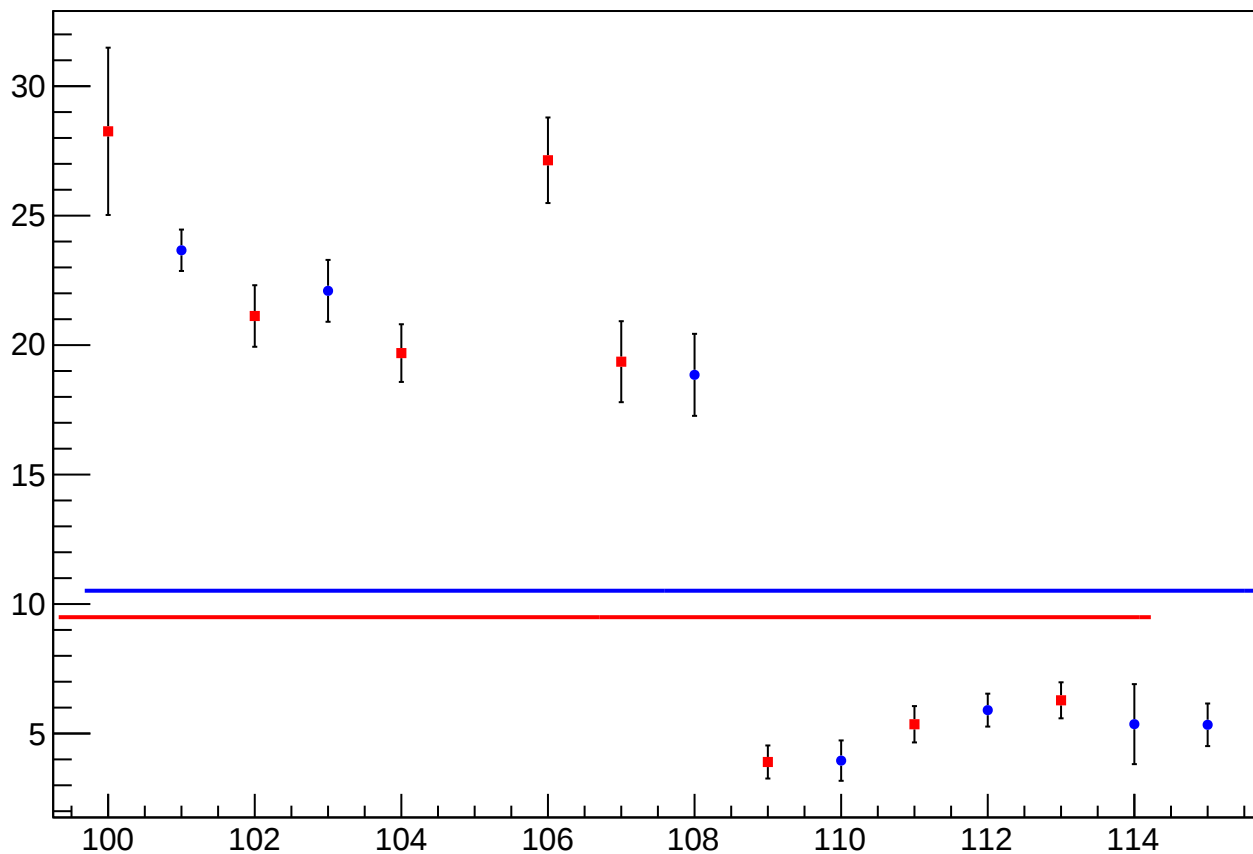
Right: -0.908 $\pm$ 0.029 χ^2 /NDF: 270.8/14

In: -0.887 $\pm$ 0.042 χ^2 /NDF:20.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.908 $\pm$ 0.029 χ^2 /NDF: 270.8/14

reg_asym_sam_1357_2468_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 10.514+/-0.339 χ^2/NDF : 566.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.492+/-0.335 χ^2/NDF : 499.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

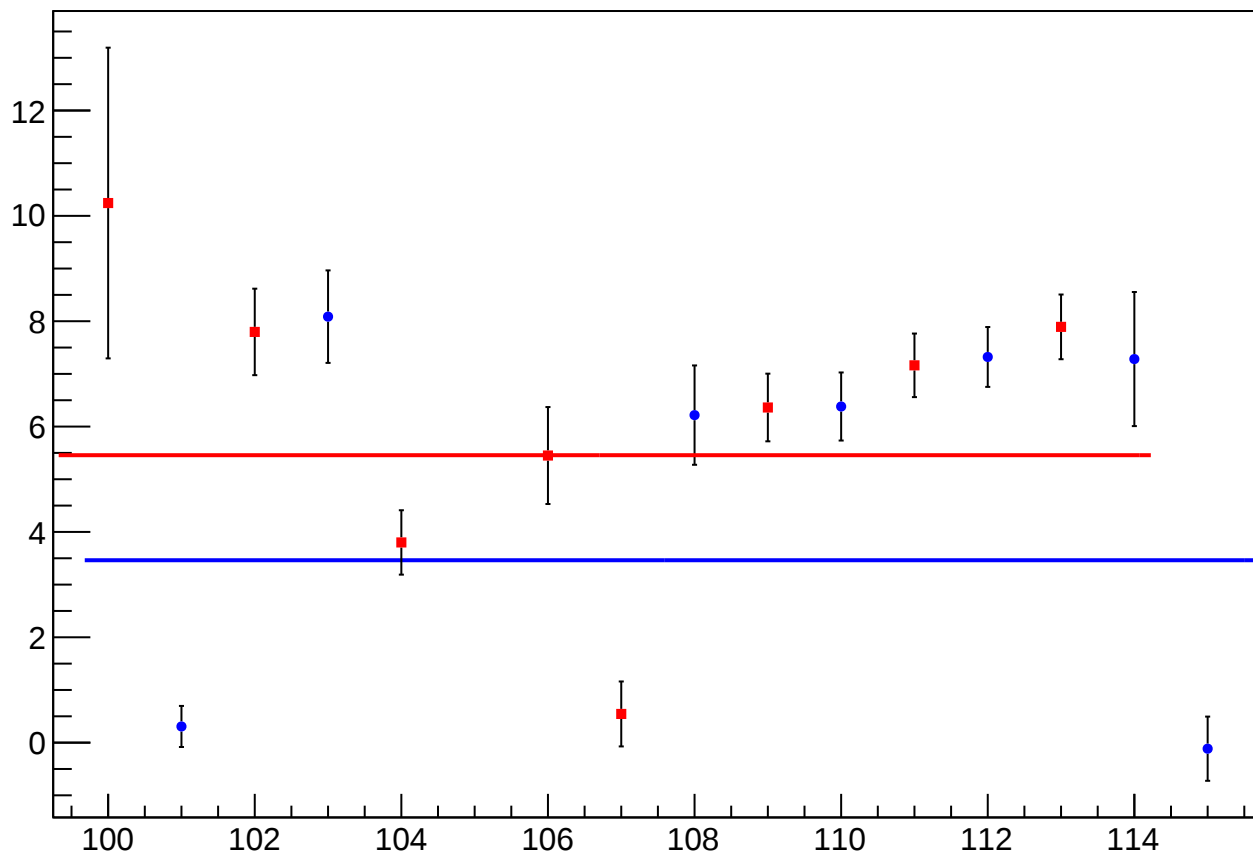
Right: 9.996+/-0.238 χ^2/NDF : 1071.0/14

In: 10.514+/-0.339 χ^2/NDF : 566.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.996+/-0.238 χ^2/NDF : 1071.0/14

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.463+/-0.237 χ^2/NDF : 211.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.457+/-0.251 χ^2/NDF : 107.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

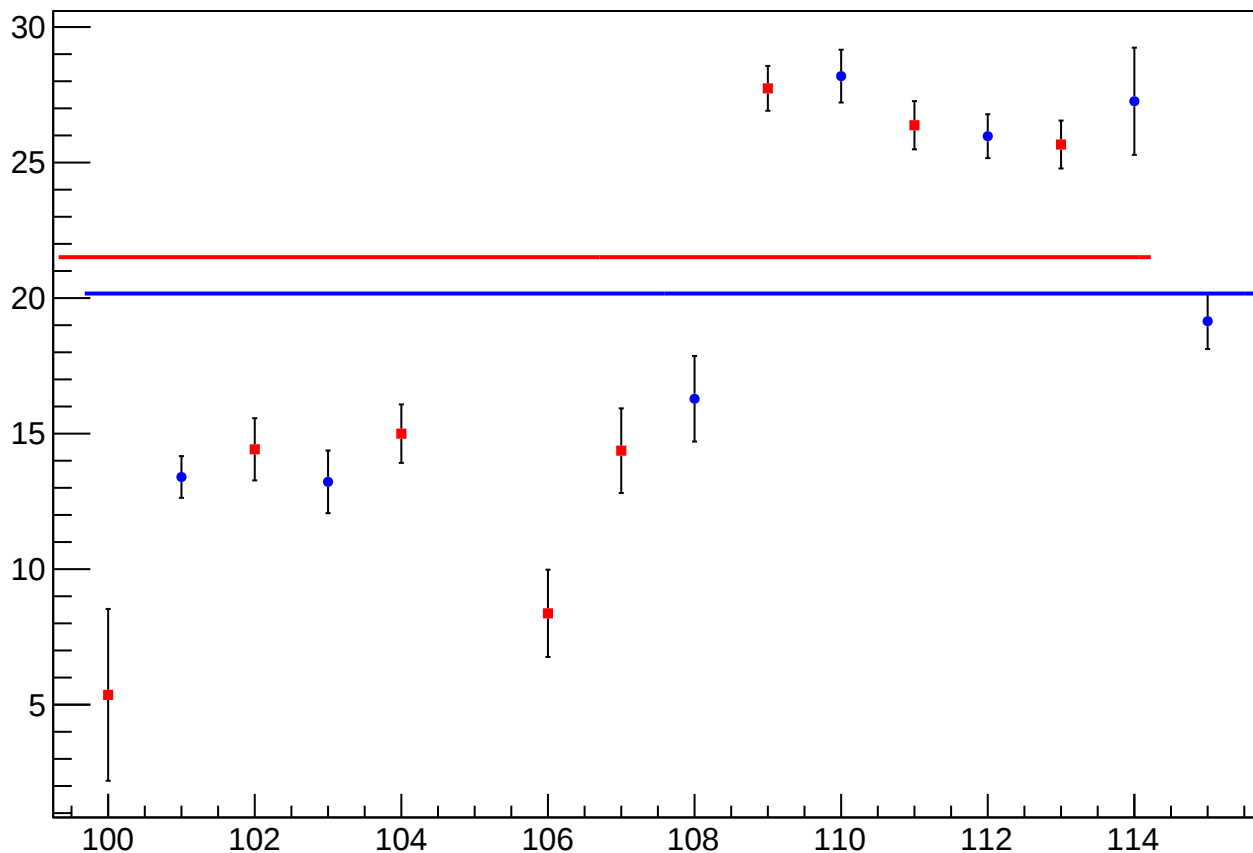
Right: 4.404+/-0.172 χ^2/NDF : 352.5/14

In: 3.463+/-0.237 χ^2/NDF : 211.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.404+/-0.172 χ^2/NDF : 352.5/14

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 20.169+/-0.389 χ^2/NDF : 252.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.509+/-0.392 χ^2/NDF : 296.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

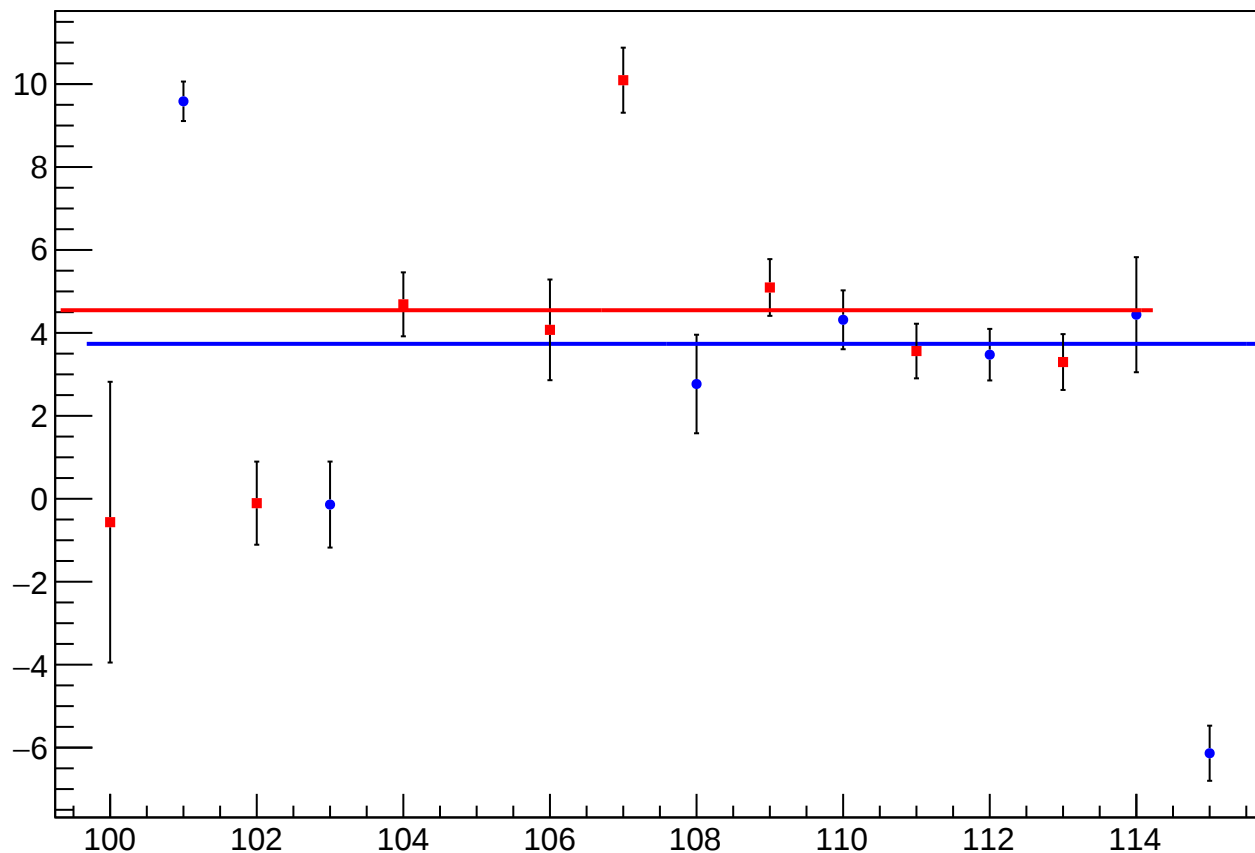
Right: 20.834+/-0.276 χ^2/NDF : 555.3/14

In: 20.169+/-0.389 χ^2/NDF : 252.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.834+/-0.276 χ^2/NDF : 555.3/14

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.736+/-0.273 χ^2/NDF : 387.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.547+/-0.292 χ^2/NDF : 80.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

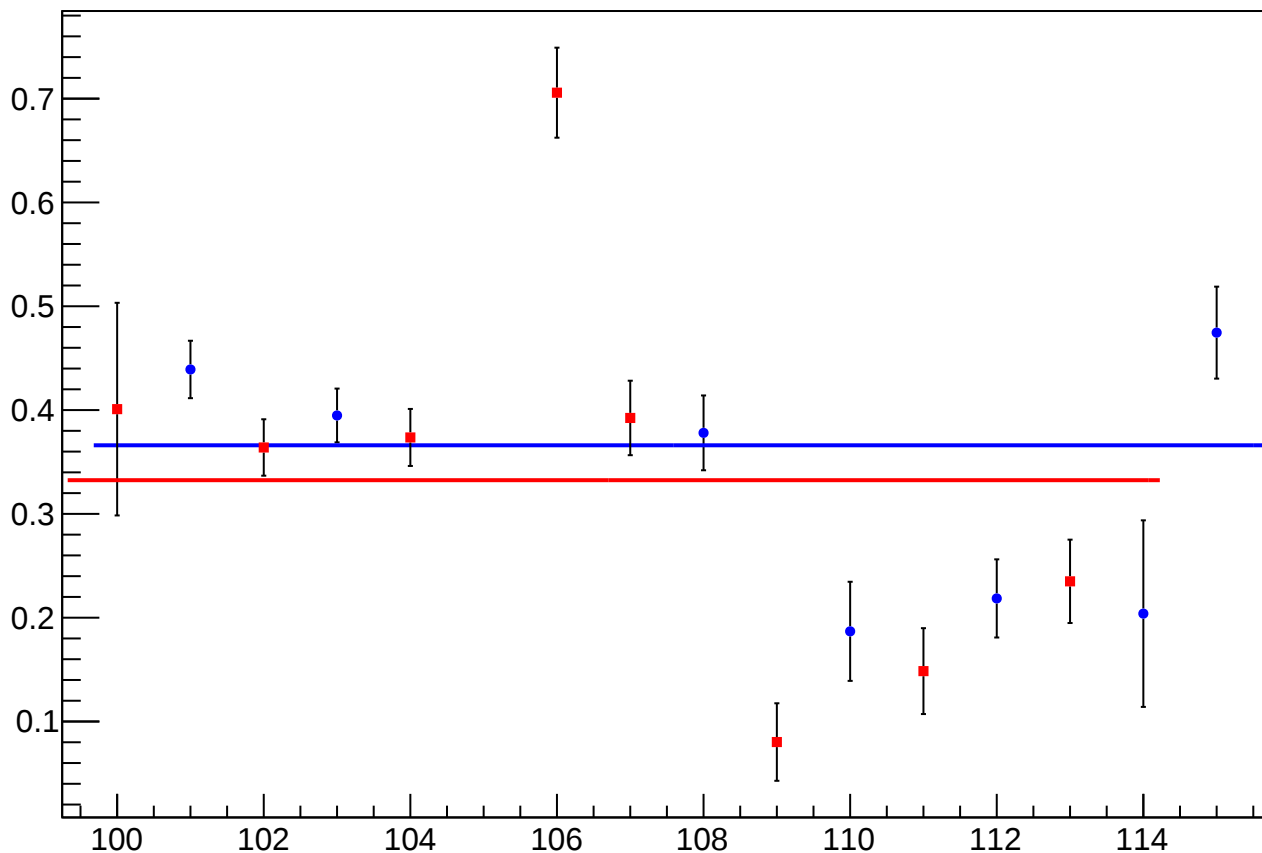
Right: 4.114+/-0.200 χ^2/NDF : 471.7/14

In: 3.736+/-0.273 χ^2/NDF : 387.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.114+/-0.200 χ^2/NDF : 471.7/14

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.366 $\pm$ 0.014 χ^2 /NDF: 47.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.332 $\pm$ 0.013 χ^2 /NDF: 152.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

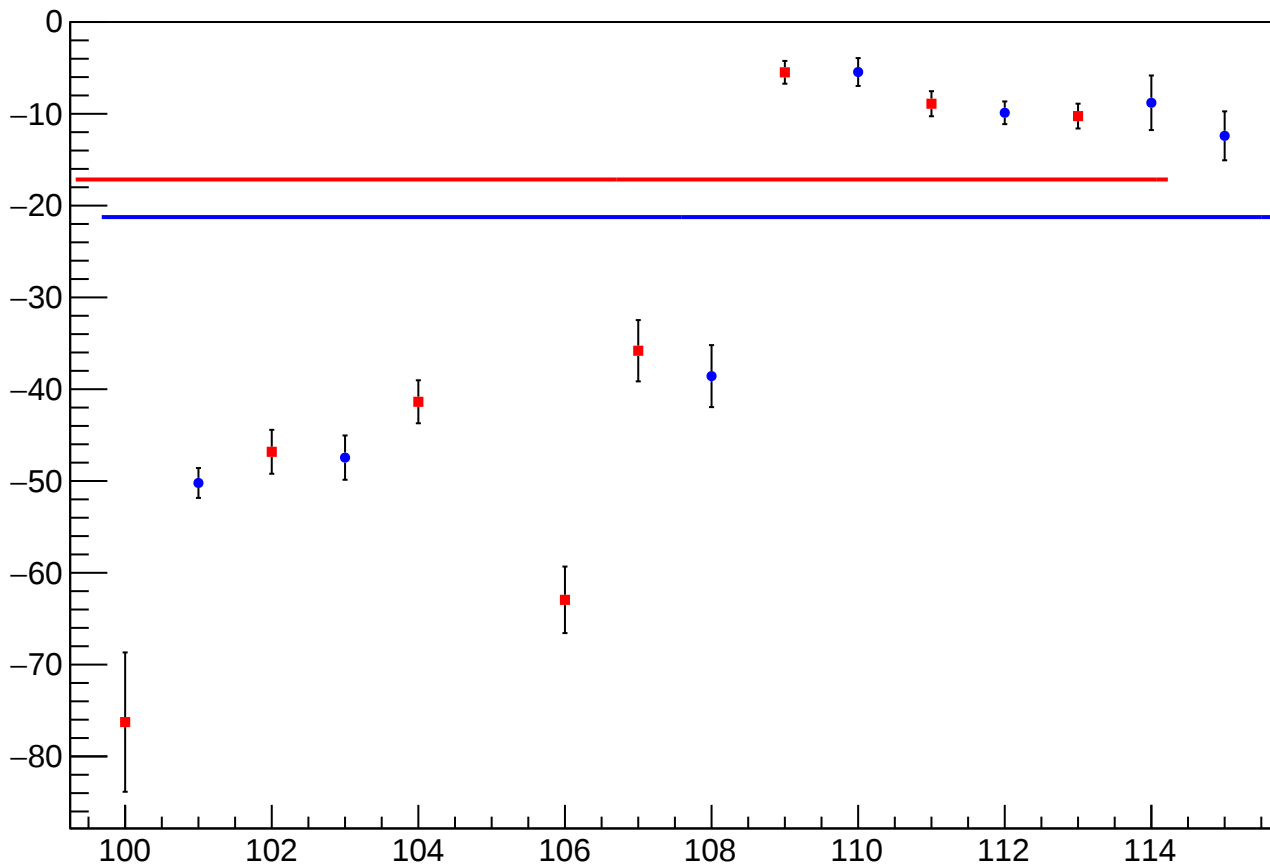
Right: 0.348 $\pm$ 0.009 χ^2 /NDF: 202.4/14

In: 0.366 $\pm$ 0.014 χ^2 /NDF:47.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.348 $\pm$ 0.009 χ^2 /NDF: 202.4/14

reg_asym_sam_12345678_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -21.250+/-0.711 χ^2/NDF : 682.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.155+/-0.663 χ^2/NDF : 663.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

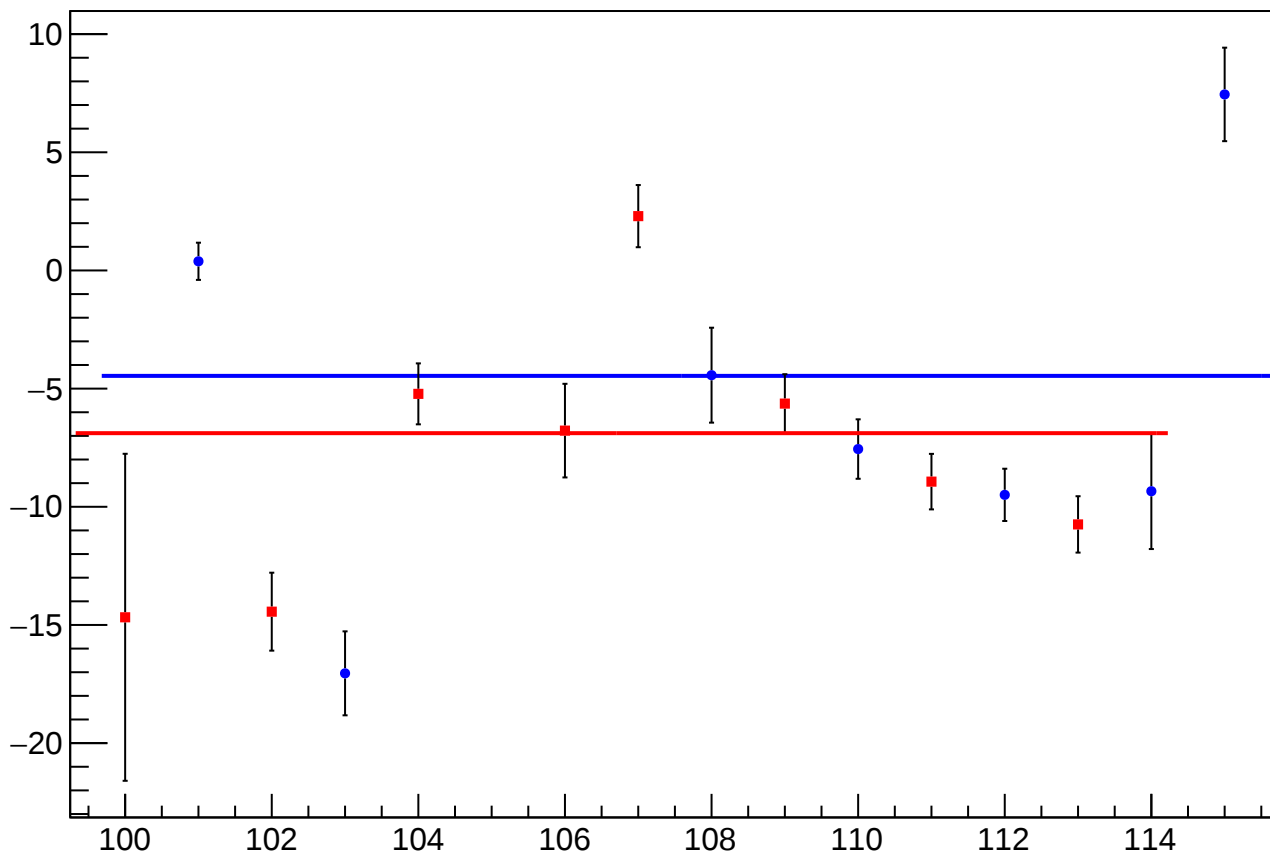
Right: -19.060+/-0.485 χ^2/NDF : 1363.0/14

In: -21.250+/-0.711 χ^2/NDF : 682.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.060+/-0.485 χ^2/NDF : 1363.0/14

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.461 $\pm$ 0.497 χ^2 /NDF: 155.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -6.885 $\pm$ 0.507 χ^2 /NDF: 87.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

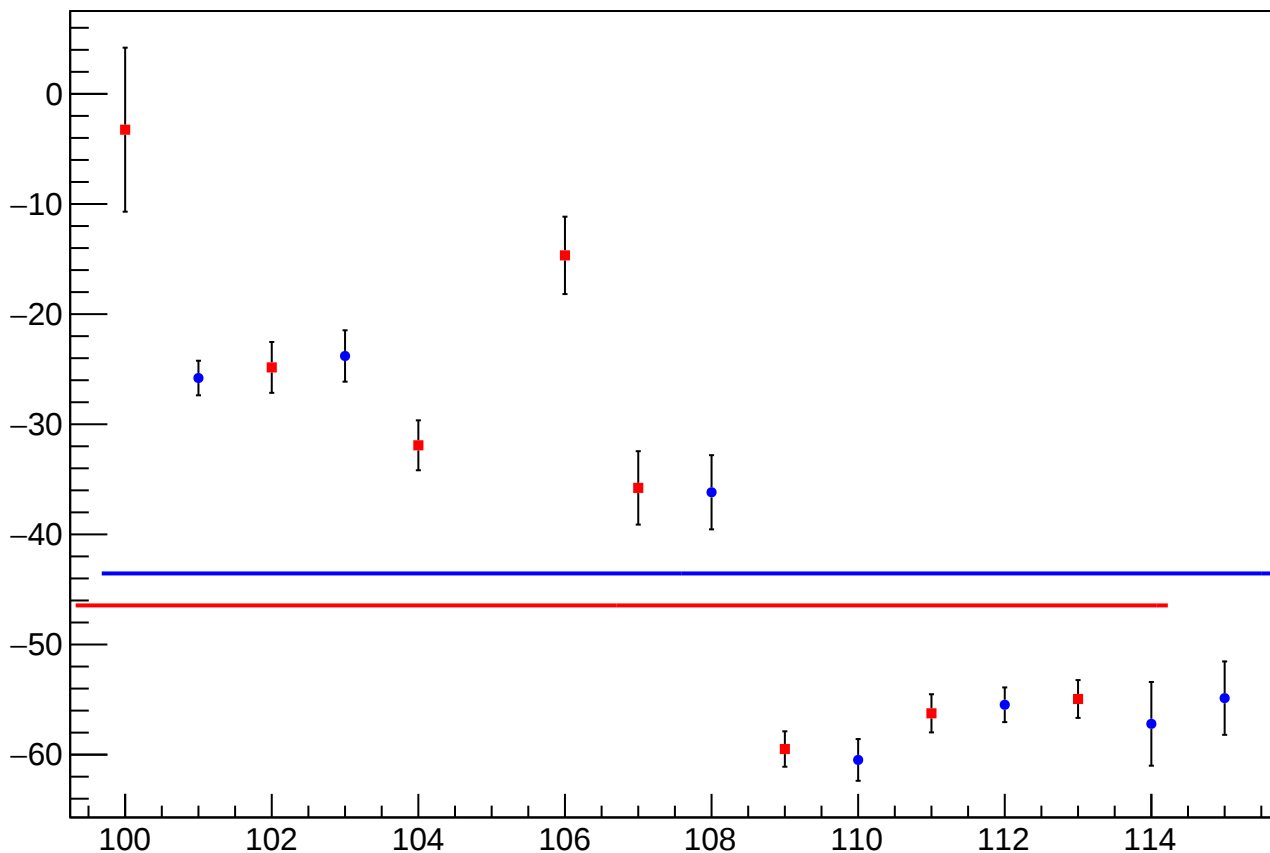
Right: -5.649 $\pm$ 0.355 χ^2 /NDF: 254.0/14

In: -4.461 $\pm$ 0.497 χ^2 /NDF:155.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.649 $\pm$ 0.355 χ^2 /NDF: 254.0/14

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.546 $\pm$ 0.811 χ^2 /NDF: 365.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -46.449 $\pm$ 0.783 χ^2 /NDF: 376.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

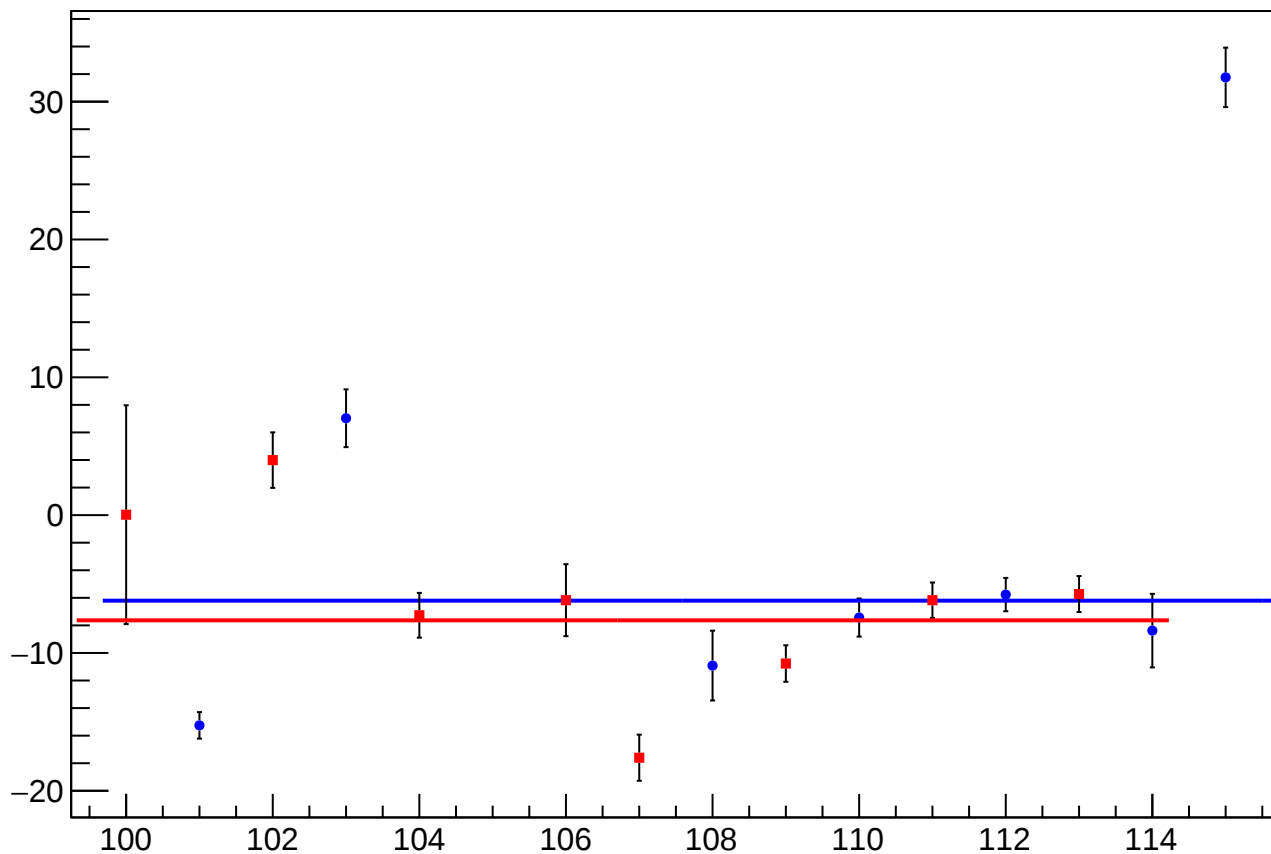
Right: -45.049 $\pm$ 0.563 χ^2 /NDF: 749.2/14

In: -43.546 $\pm$ 0.811 χ^2 /NDF:365.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -45.049 $\pm$ 0.563 χ^2 /NDF: 749.2/14

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -6.206 $\pm$ 0.575 χ^2 /NDF: 443.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -7.632 $\pm$ 0.586 χ^2 /NDF: 79.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

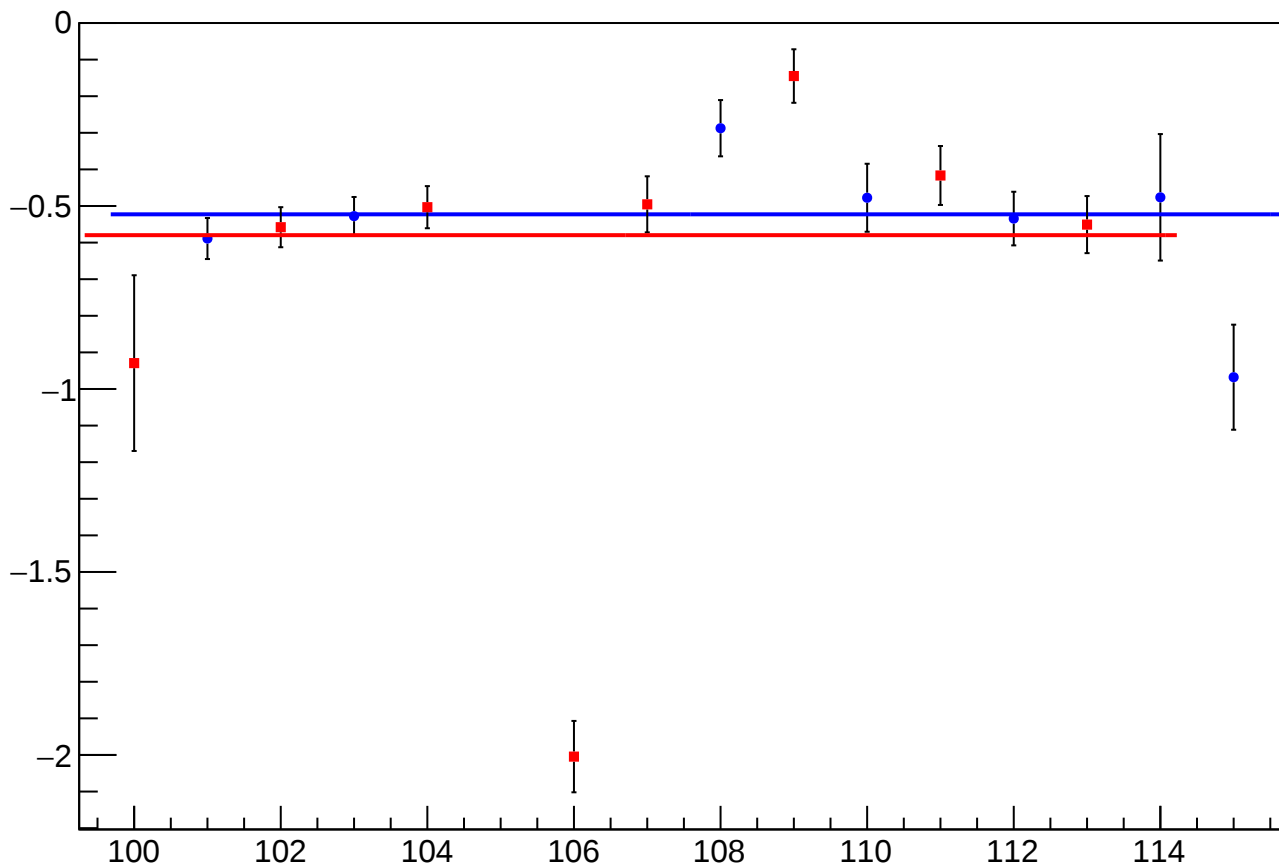
Right: -6.905 $\pm$ 0.410 χ^2 /NDF: 525.7/14

In: -6.206 $\pm$ 0.575 χ^2 /NDF:443.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -6.905 $\pm$ 0.410 χ^2 /NDF: 525.7/14

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.523+/-0.028 χ^2/NDF : 20.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.580+/-0.026 χ^2/NDF : 258.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

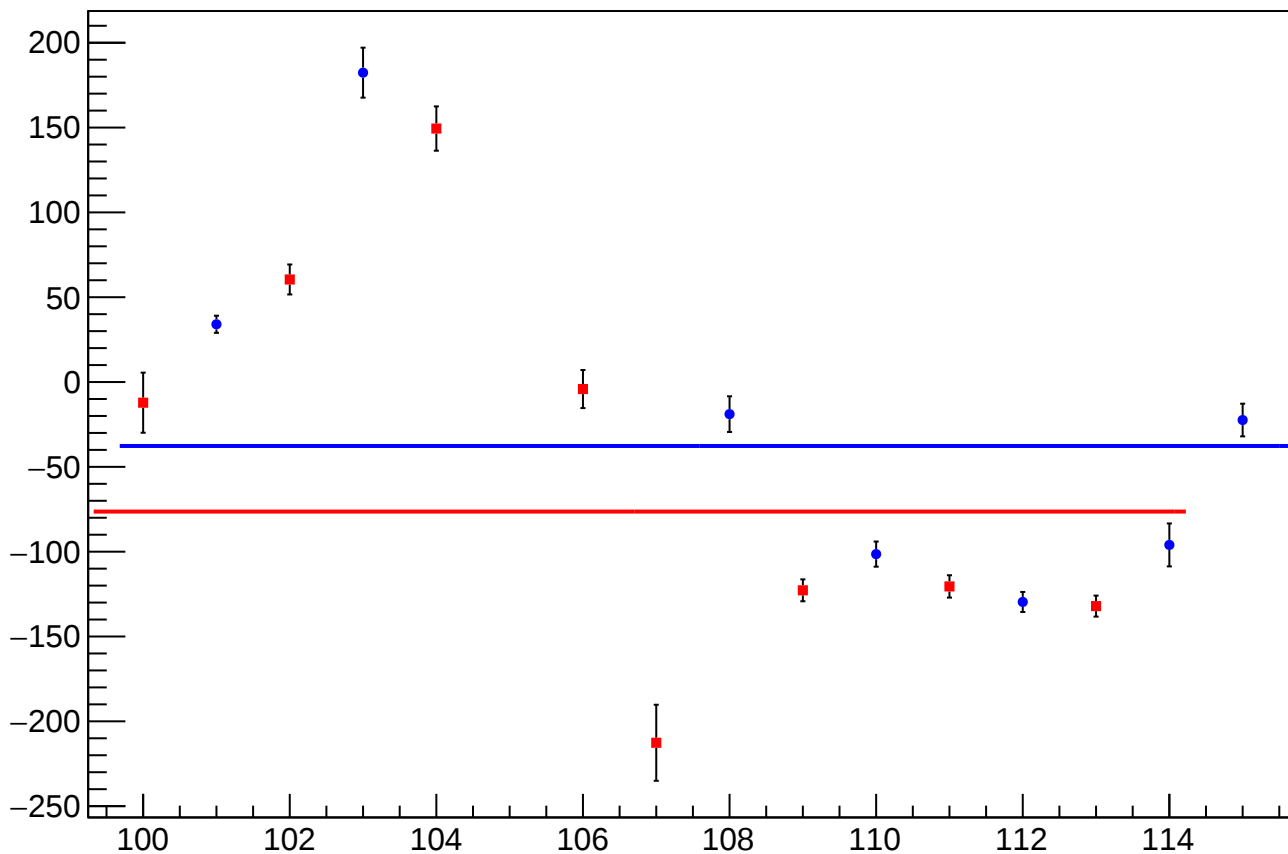
Right: -0.553+/-0.019 χ^2/NDF : 281.2/14

In: -0.523+/-0.028 χ^2/NDF : 20.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.553+/-0.019 χ^2/NDF : 281.2/14

reg_asym_atl1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -37.685 ± 2.927 χ^2/NDF : 768.0/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -76.355 ± 3.087 χ^2/NDF : 807.8/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

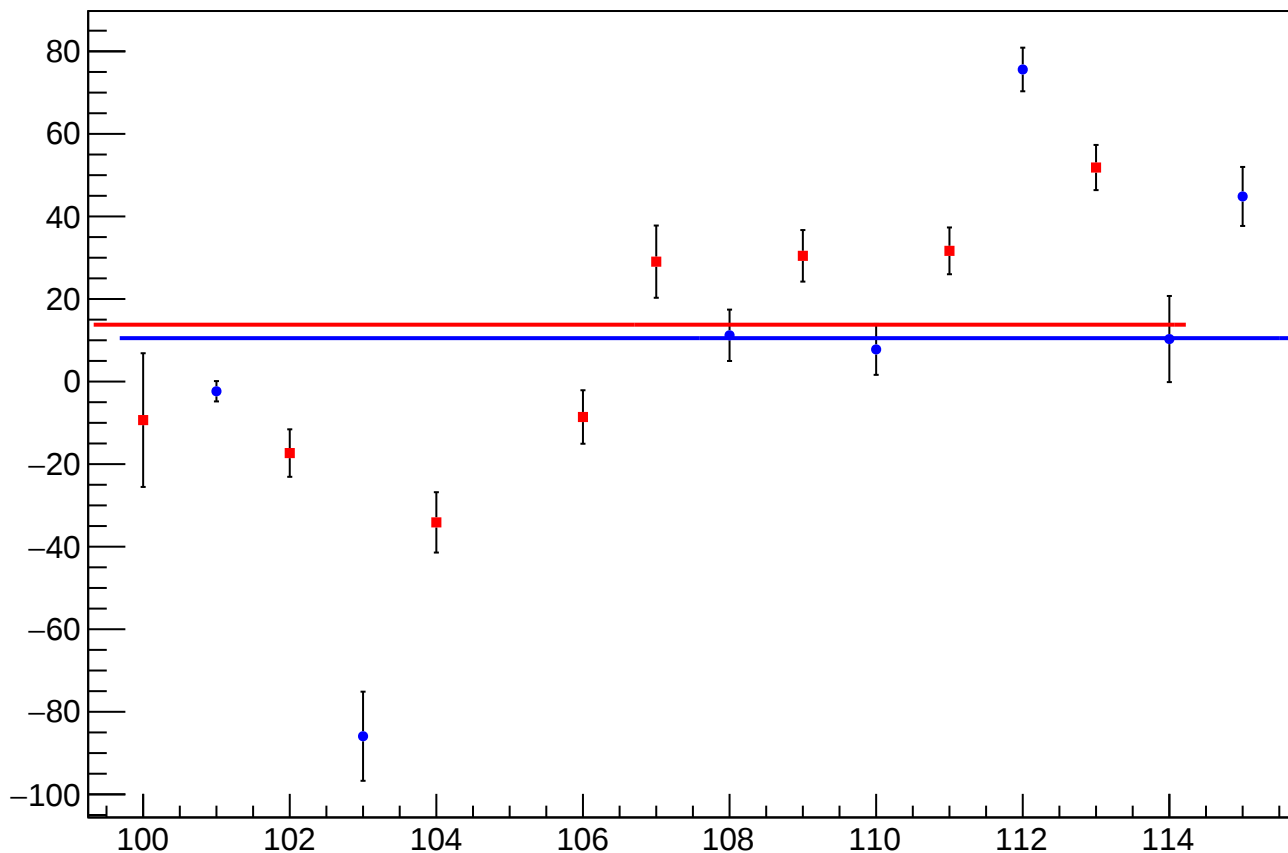
Right: -55.990 ± 2.124 χ^2/NDF : 1658.3/14

In: -37.685 ± 2.927 χ^2/NDF : 768.0/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -55.990 ± 2.124 χ^2/NDF : 1658.3/14

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.517+/-1.857 χ^2/NDF : 282.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.778+/-2.358 χ^2/NDF : 154.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

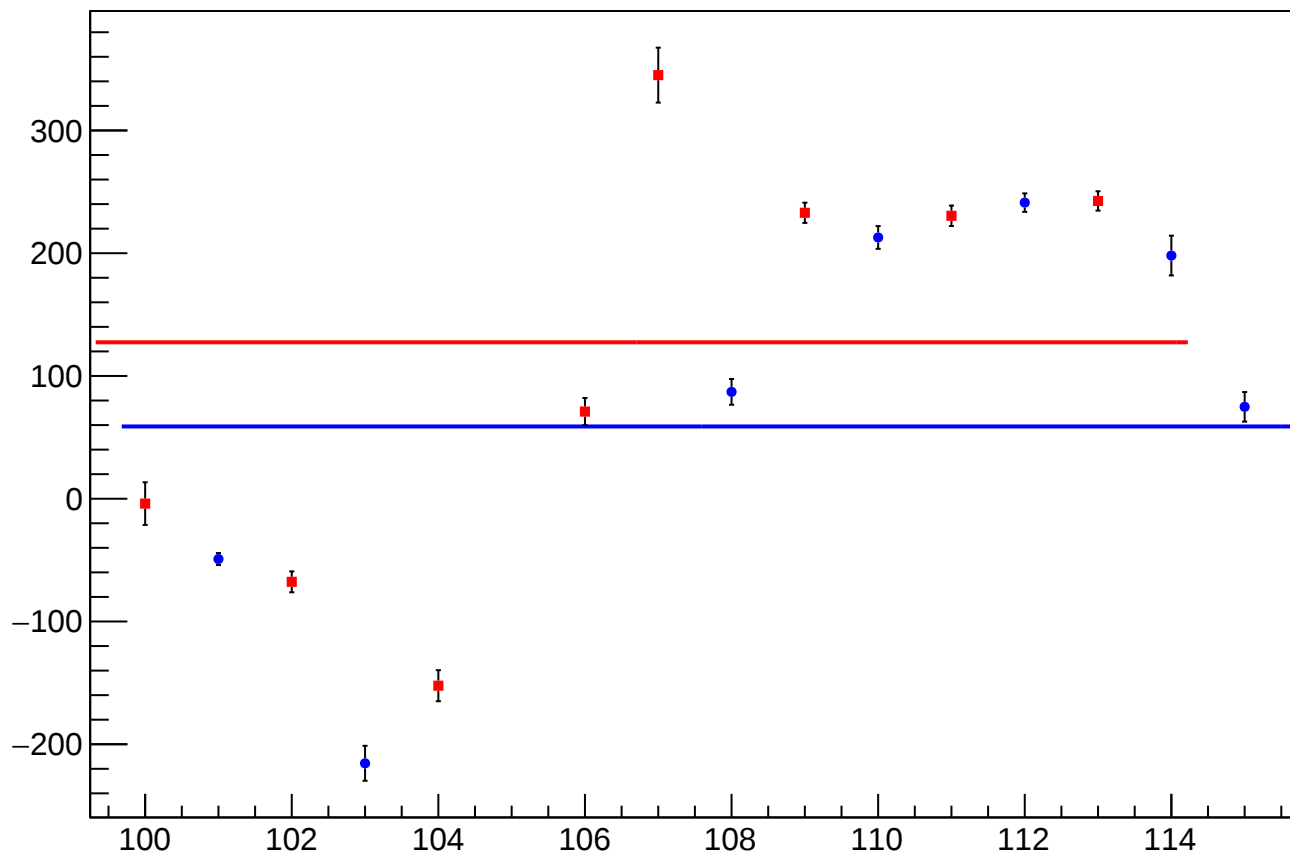
Right: 11.764+/-1.459 χ^2/NDF : 437.9/14

In: 10.517+/-1.857 χ^2/NDF : 282.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.764+/-1.459 χ^2/NDF : 437.9/14

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.870+/-3.223 χ^2/NDF : 1809.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.440+/-3.561 χ^2/NDF : 1723.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

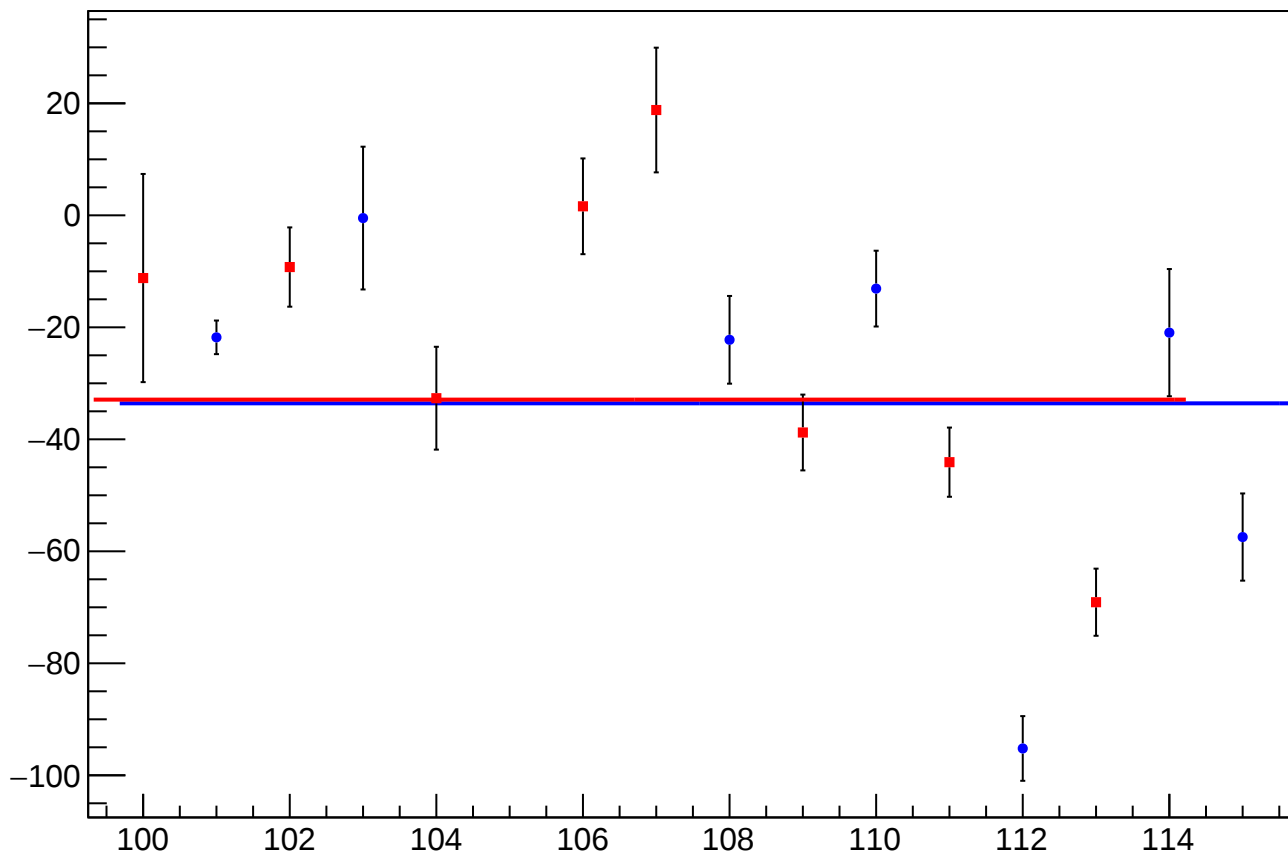
Right: 89.747+/-2.390 χ^2/NDF : 3736.9/14

In: 58.870+/-3.223 χ^2/NDF : 1809.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.747+/-2.390 χ^2/NDF : 3736.9/14

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.575 $\pm$ 2.185 χ^2 /NDF: 158.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -32.912 $\pm$ 2.749 χ^2 /NDF: 90.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

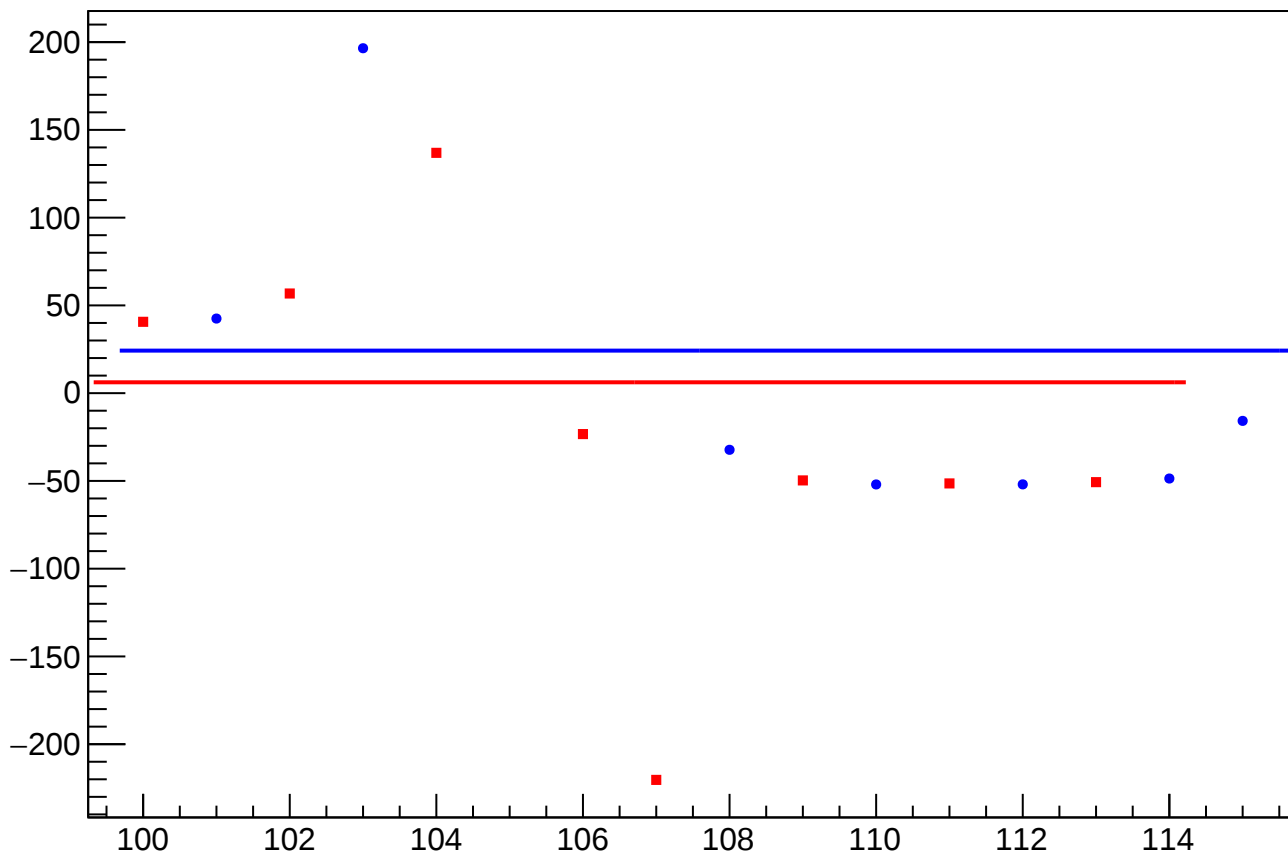
Right: -33.318 $\pm$ 1.710 χ^2 /NDF: 248.9/14

In: -33.575 $\pm$ 2.185 χ^2 /NDF:158.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -33.318 $\pm$ 1.710 χ^2 /NDF: 248.9/14

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 24.238+/-0.113 χ^2/NDF : 450039.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.188+/-0.114 χ^2/NDF : 510111.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

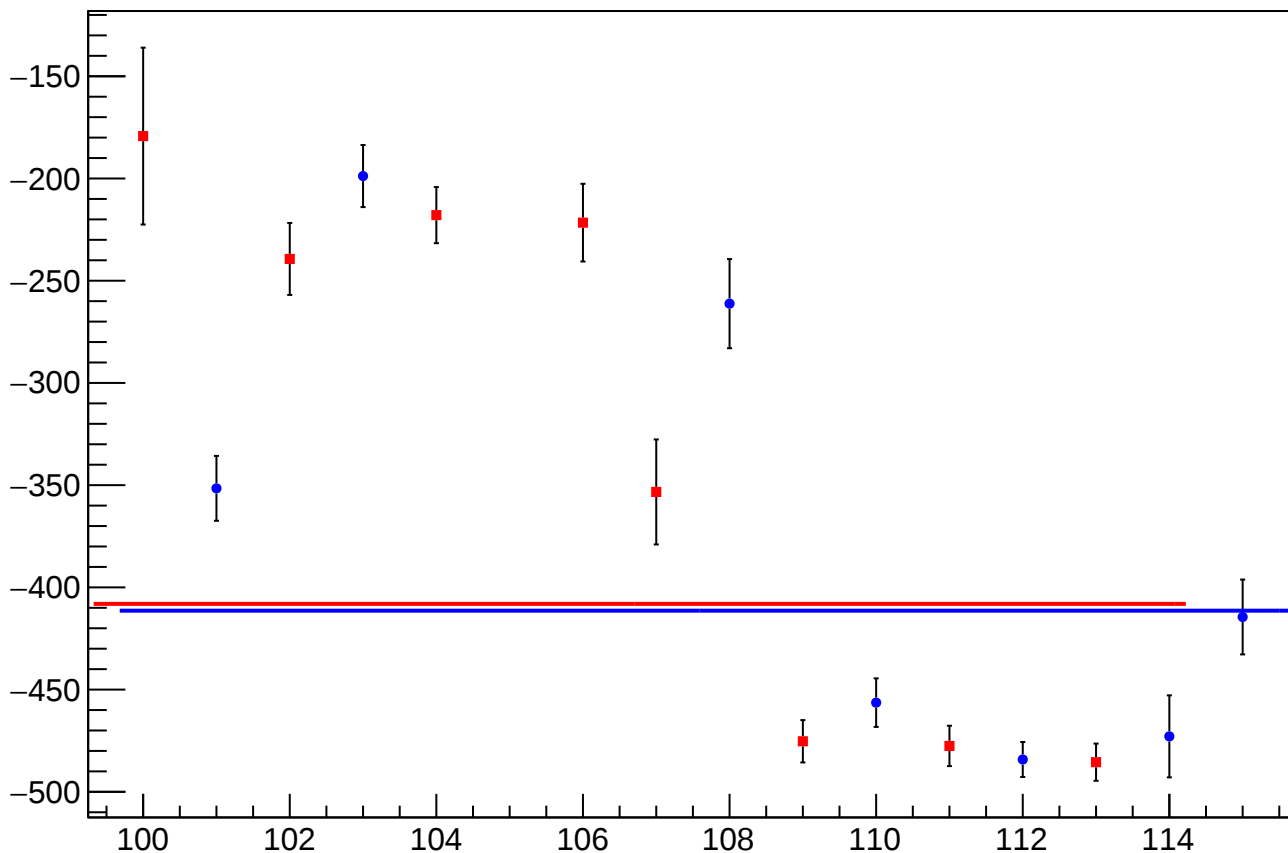
Right: 15.354+/-0.080 χ^2/NDF : 972806.7/14

In: 24.238+/-0.113 χ^2/NDF : 450039.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.354+/-0.080 χ^2/NDF : 972806.7/14

reg_asym_atl2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -411.392+/-5.224 χ^2/NDF : 354.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -408.070+/-4.713 χ^2/NDF : 576.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

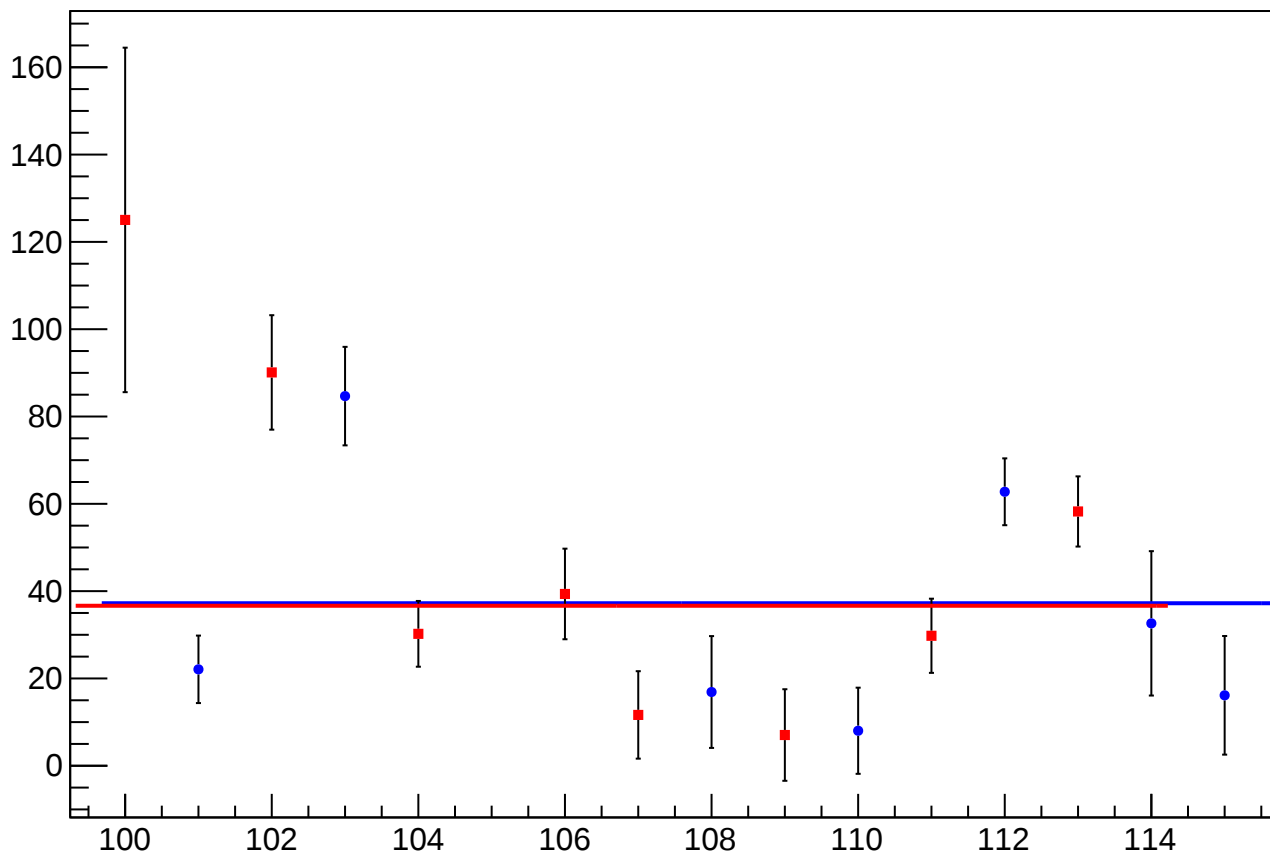
Right: -409.561+/-3.499 χ^2/NDF : 930.8/14

In: -411.392+/-5.224 χ^2/NDF : 354.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -409.561+/-3.499 χ^2/NDF : 930.8/14

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 37.228 $\pm$ 3.860 χ^2 /NDF: 46.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 36.651 $\pm$ 3.497 χ^2 /NDF: 44.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

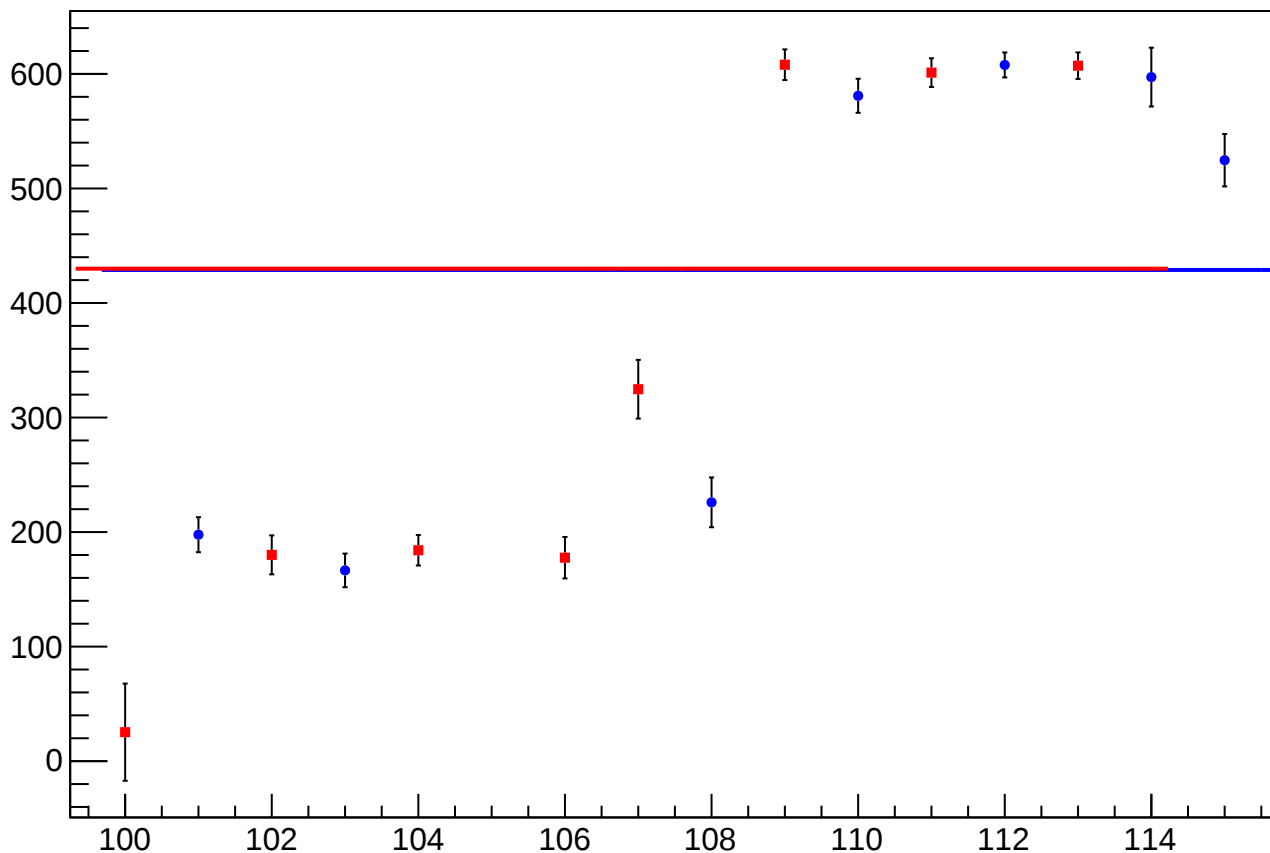
Right: 36.911 $\pm$ 2.592 χ^2 /NDF: 90.9/14

In: 37.228 $\pm$ 3.860 χ^2 /NDF:46.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 36.911 $\pm$ 2.592 χ^2 /NDF: 90.9/14

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 428.859+/-6.039 χ^2/NDF : 1070.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 429.965+/-5.448 χ^2/NDF : 1459.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

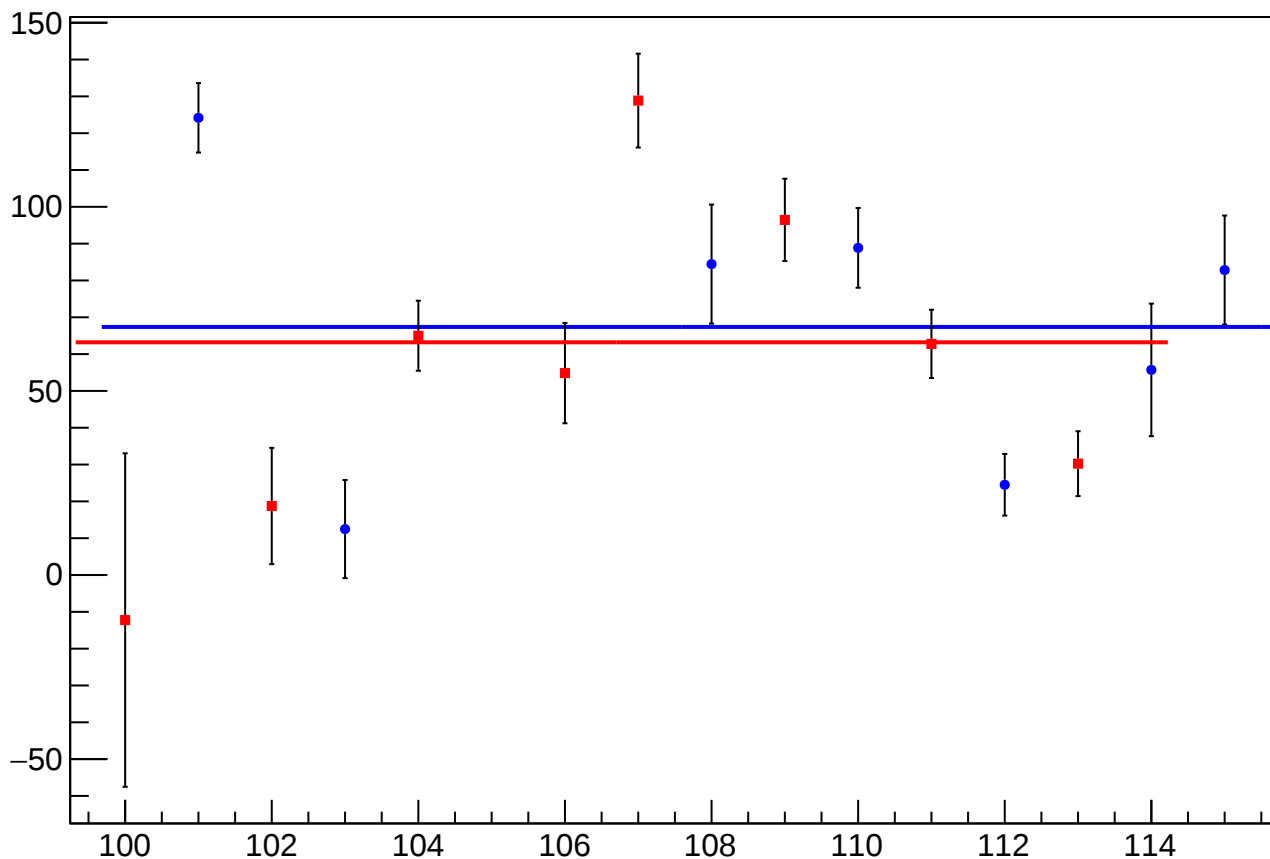
Right: 429.469+/-4.045 χ^2/NDF : 2529.7/14

In: 428.859+/-6.039 χ^2/NDF : 1070.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 429.469+/-4.045 χ^2/NDF : 2529.7/14

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 67.379+/-4.421 χ^2/NDF : 86.1/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 63.207+/-4.095 χ^2/NDF : 60.5/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

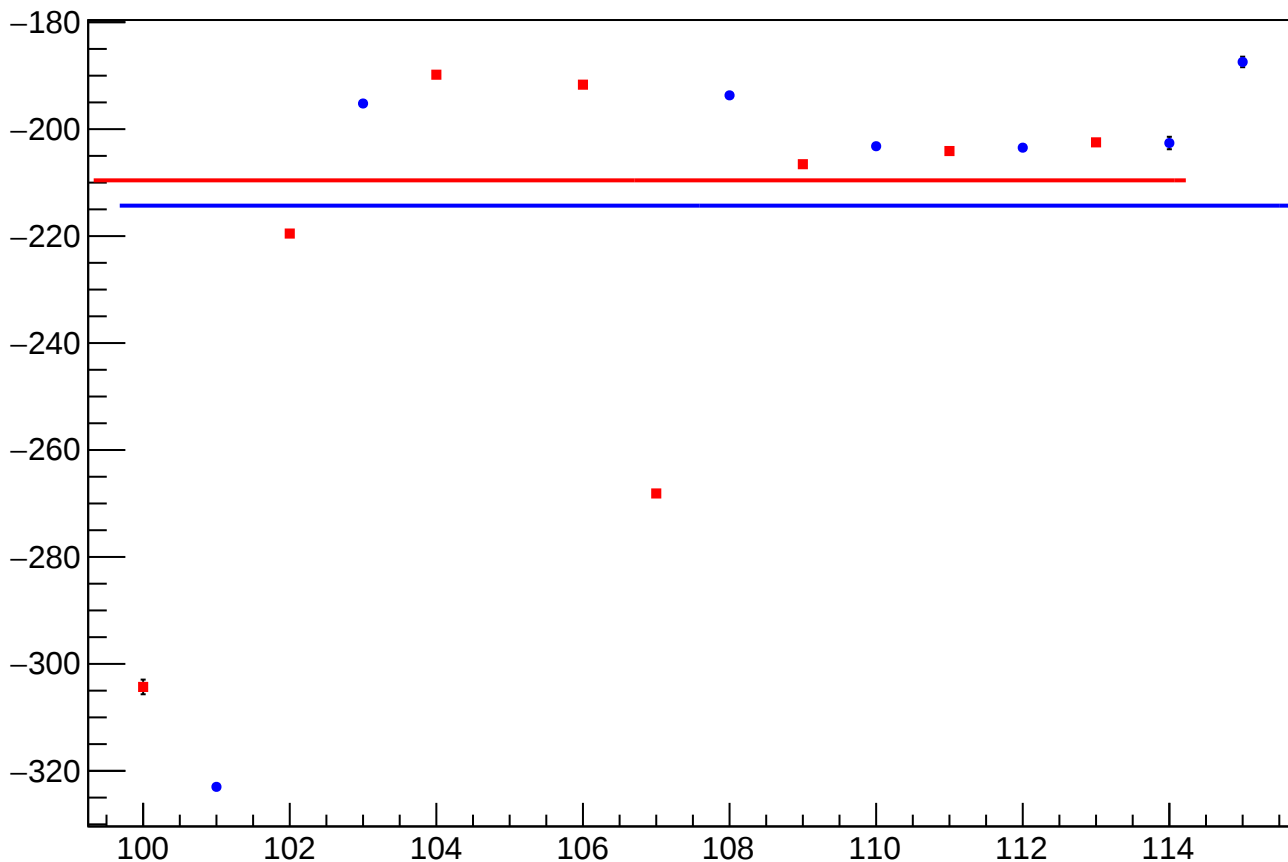
Right: 65.134+/-3.004 χ^2/NDF : 147.0/14

In: 67.379+/-4.421 χ^2/NDF :86.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 65.134+/-3.004 χ^2/NDF : 147.0/14

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -214.305+/-0.204 χ^2/NDF : 45554.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -209.575+/-0.179 χ^2/NDF : 20044.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

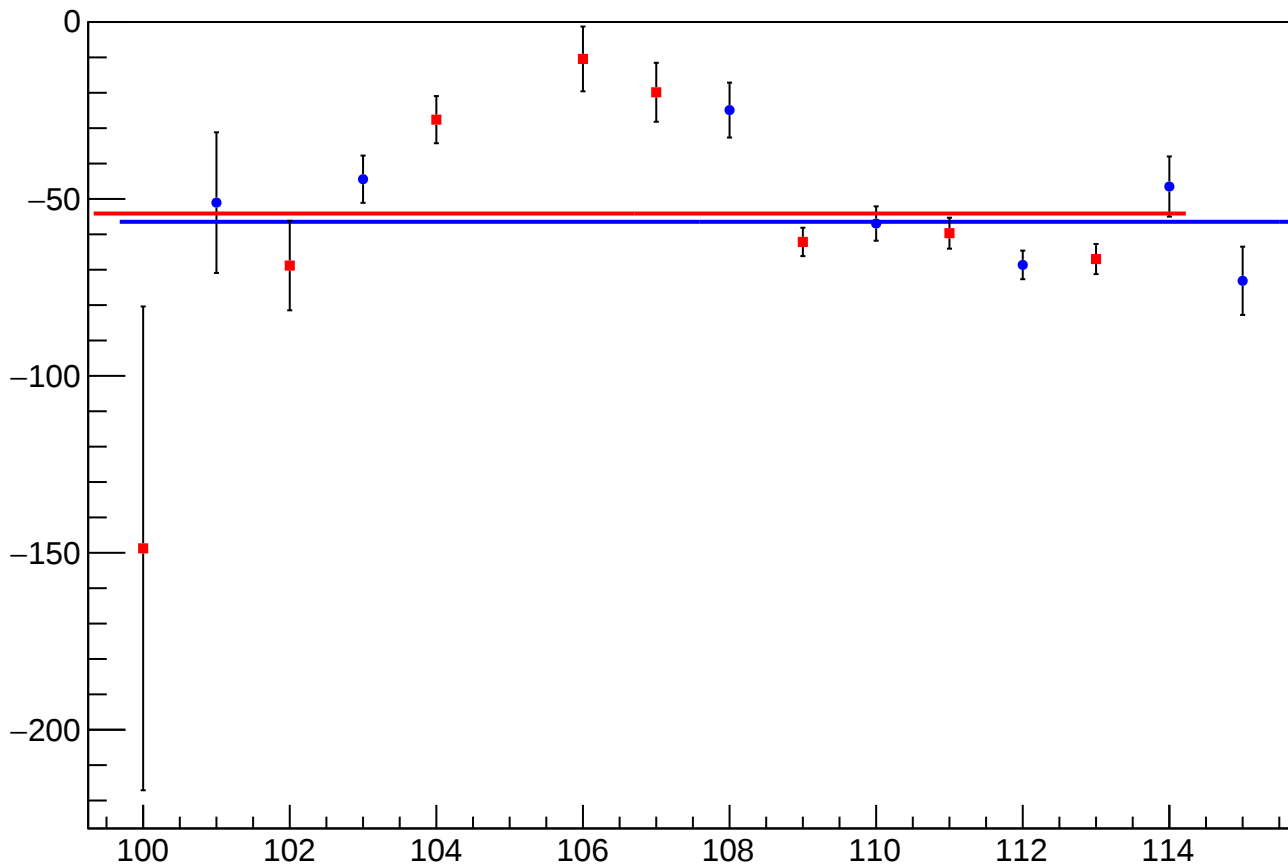
Right: -211.632+/-0.134 χ^2/NDF : 65904.2/14

In: -214.305+/-0.204 χ^2/NDF : 45554.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -211.632+/-0.134 χ^2/NDF : 65904.2/14

reg_asym_atr1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -56.459+/-2.426 χ^2/NDF : 33.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -54.115+/-2.109 χ^2/NDF : 73.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

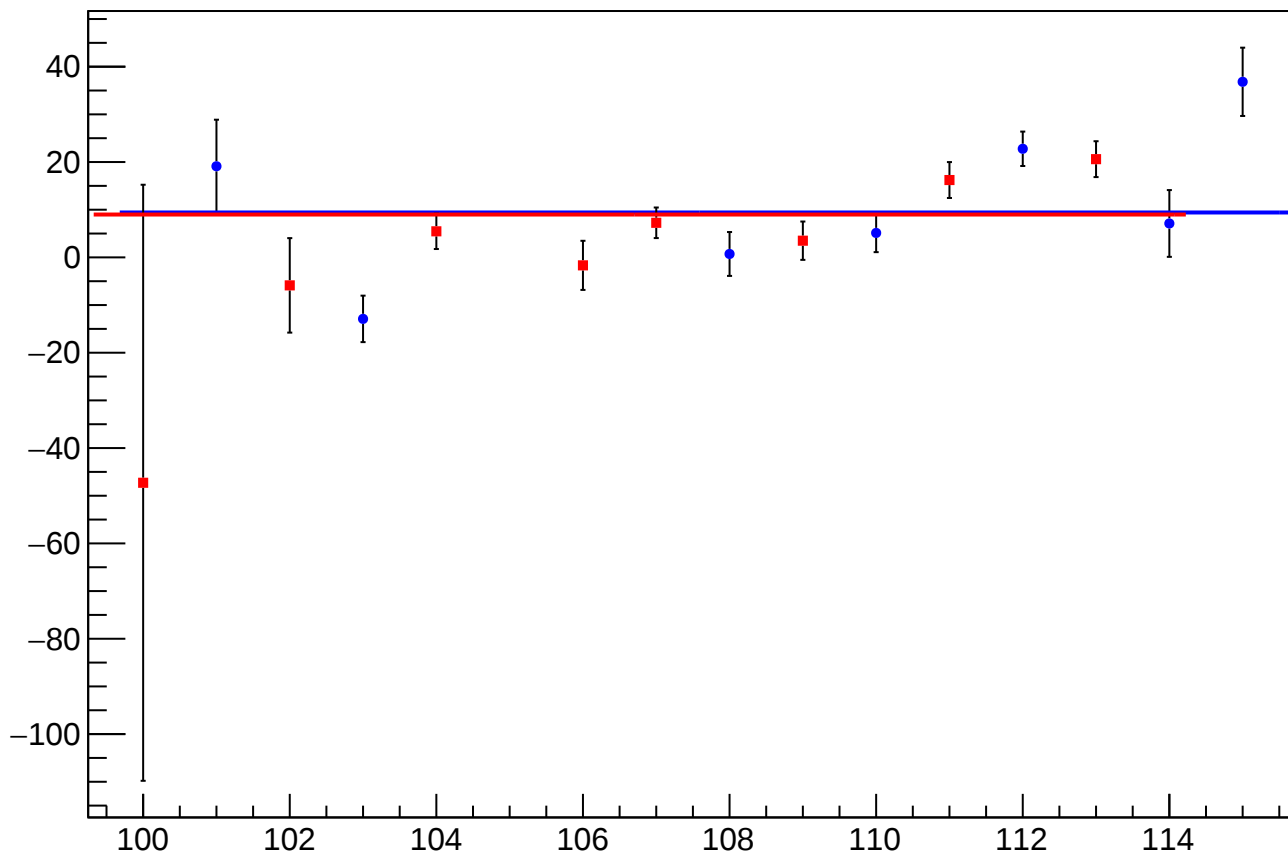
Right: -55.124+/-1.592 χ^2/NDF : 107.4/14

In: -56.459+/-2.426 χ^2/NDF : 33.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.124+/-1.592 χ^2/NDF : 107.4/14

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.417+/-1.896 χ^2/NDF : 55.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.988+/-1.541 χ^2/NDF : 23.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

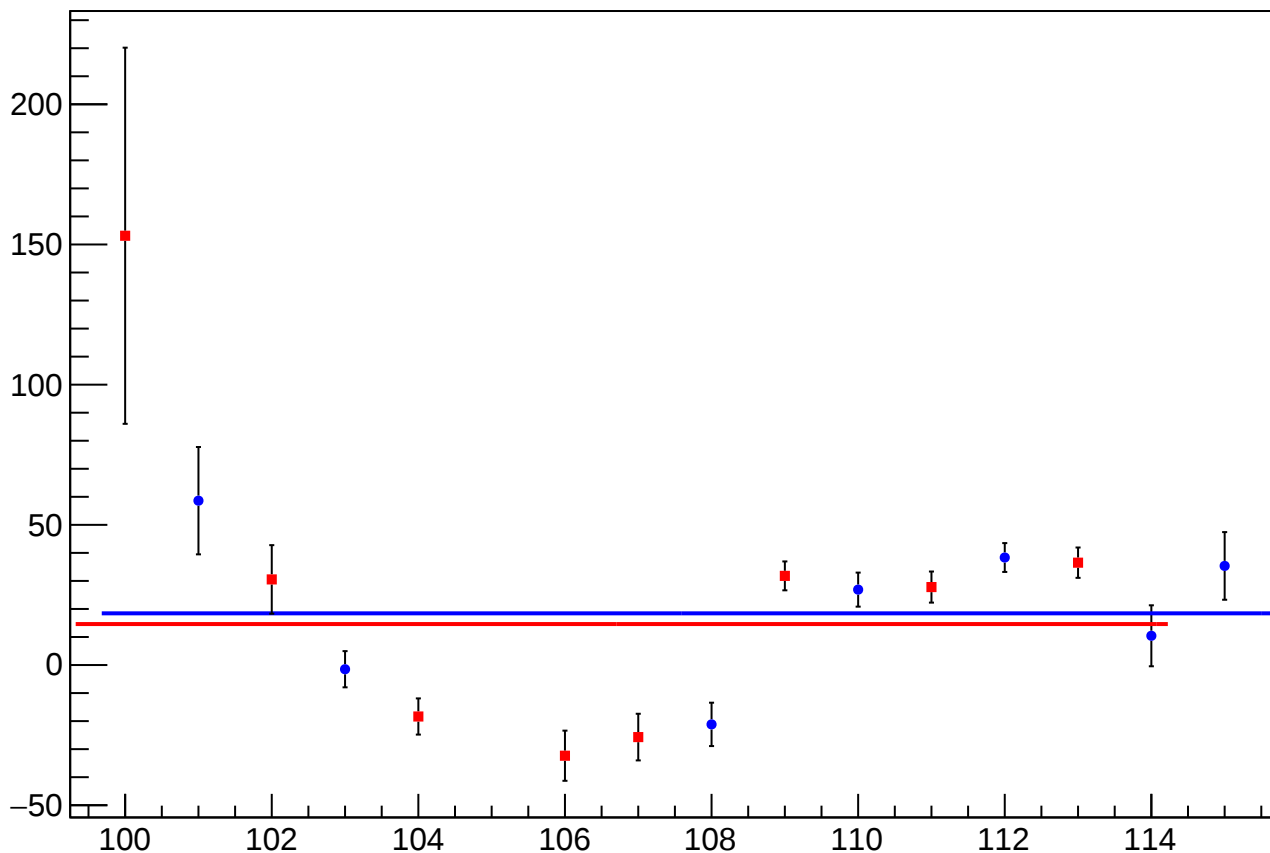
Right: 9.159+/-1.196 χ^2/NDF : 78.8/14

In: 9.417+/-1.896 χ^2/NDF : 55.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.159+/-1.196 χ^2/NDF : 78.8/14

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 18.439+/-2.844 χ^2/NDF : 59.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.616+/-2.483 χ^2/NDF : 116.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

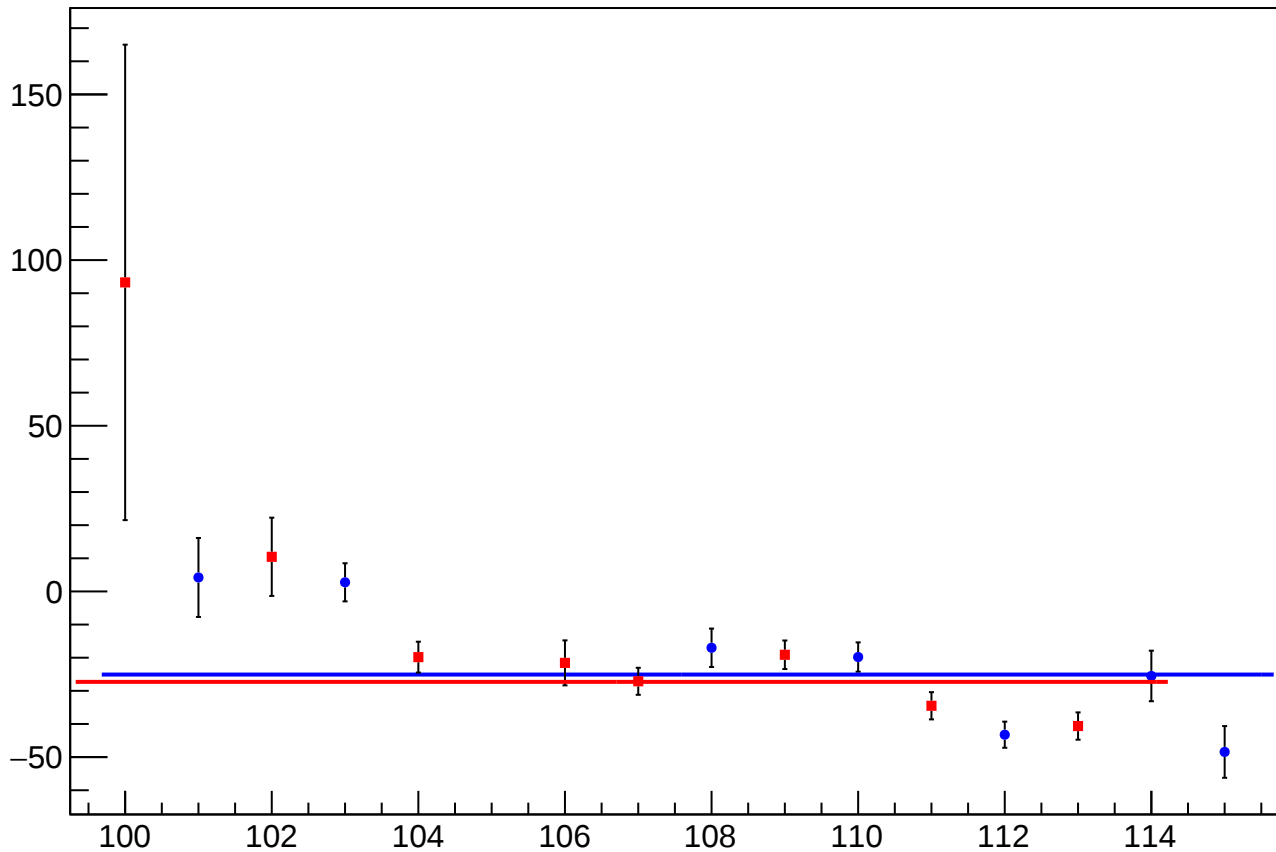
Right: 16.270+/-1.870 χ^2/NDF : 176.8/14

In: 18.439+/-2.844 χ^2/NDF : 59.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.270+/-1.870 χ^2/NDF : 176.8/14

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -25.085 $\pm$ 2.152 χ^2 /NDF: 63.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -27.292 $\pm$ 1.804 χ^2 /NDF: 33.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

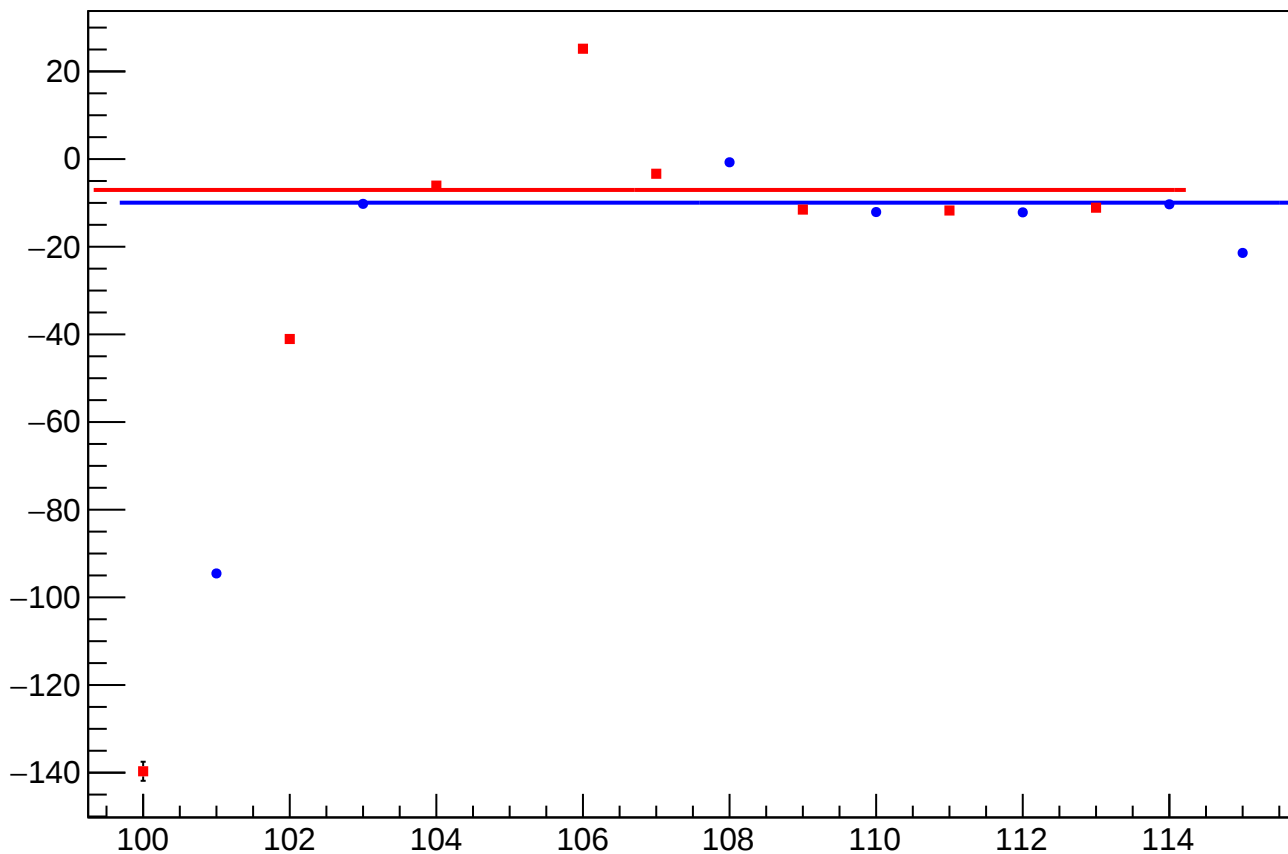
Right: -26.381 $\pm$ 1.382 χ^2 /NDF: 97.1/14

In: -25.085 $\pm$ 2.152 χ^2 /NDF:63.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -26.381 $\pm$ 1.382 χ^2 /NDF: 97.1/14

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -9.949+/-0.092 χ^2/NDF : 18570.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.043+/-0.082 χ^2/NDF : 38042.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

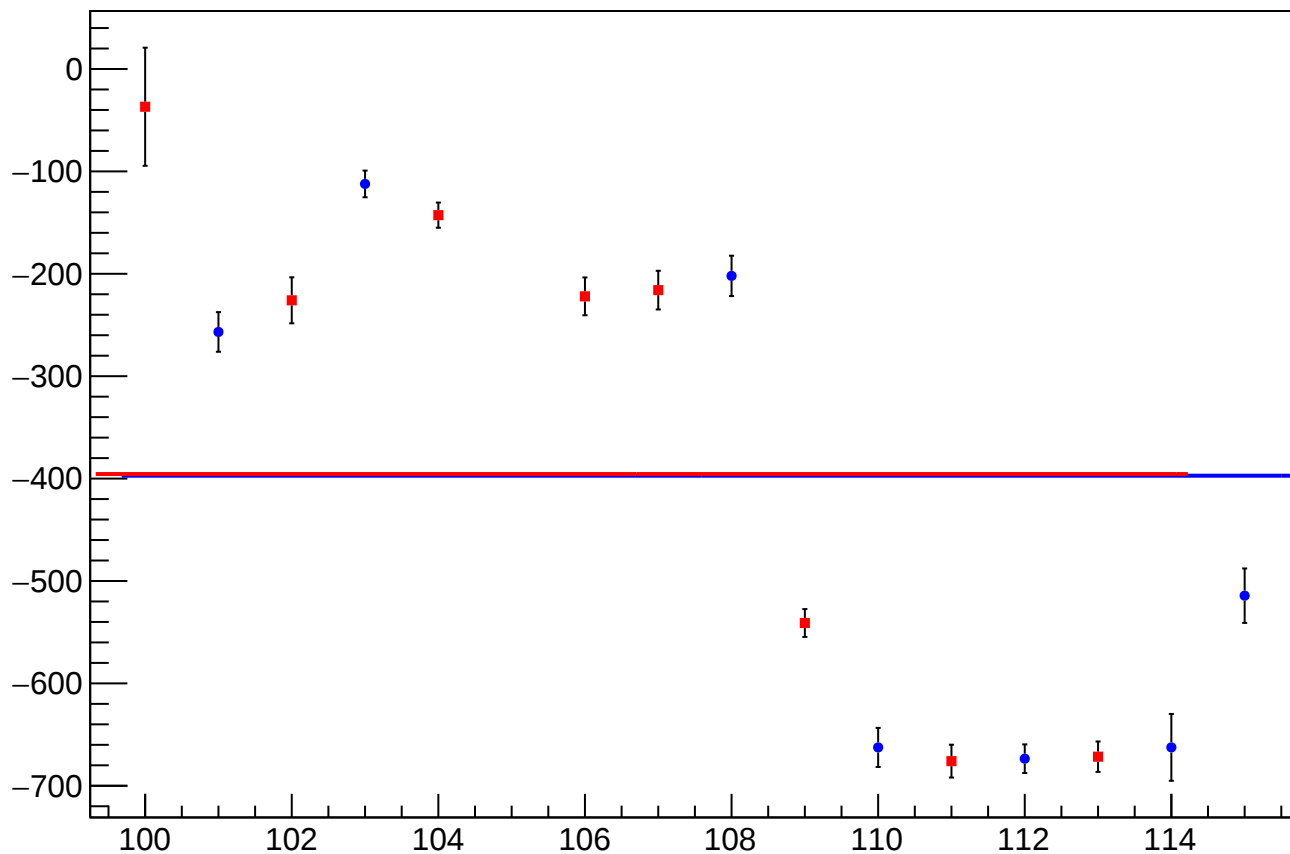
Right: -8.335+/-0.061 χ^2/NDF : 57169.8/14

In: -9.949+/-0.092 χ^2/NDF : 18570.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.335+/-0.061 χ^2/NDF : 57169.8/14

reg_asym_atr2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -397.170+/-6.842 χ^2 /NDF: 1299.6/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -395.561+/-5.927 χ^2 /NDF: 1463.1/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

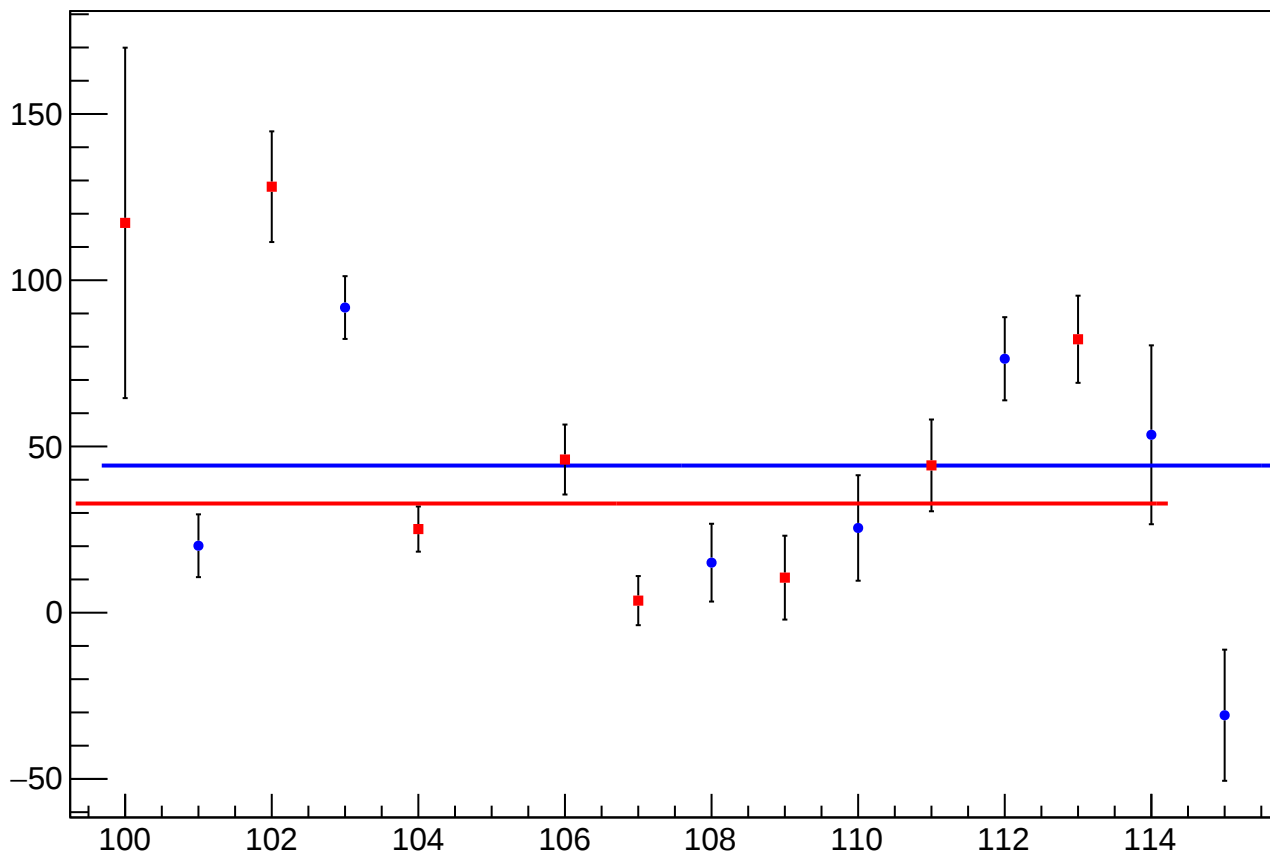
Right: -396.251+/-4.480 χ^2 /NDF: 2762.6/14

In: -397.170+/-6.842 χ^2 /NDF:1299.6/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -396.251+/-4.480 χ^2 /NDF: 2762.6/14

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 44.259+/-4.764 χ^2/NDF : 60.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.839+/-3.771 χ^2/NDF : 71.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

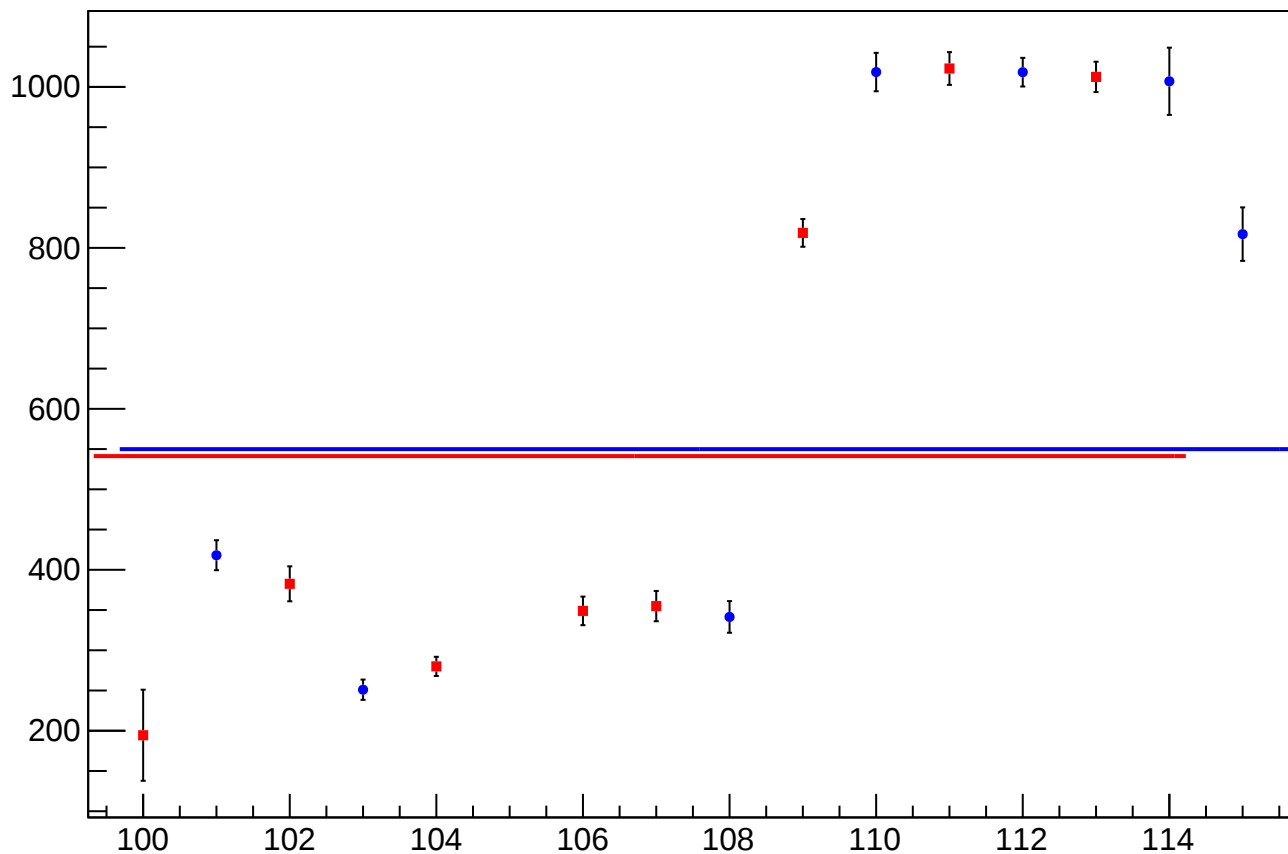
Right: 37.238+/-2.957 χ^2/NDF : 136.1/14

In: 44.259+/-4.764 χ^2/NDF : 60.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.238+/-2.957 χ^2/NDF : 136.1/14

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 549.924+/-7.420 χ^2/NDF : 1988.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 541.283+/-6.444 χ^2/NDF : 2232.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

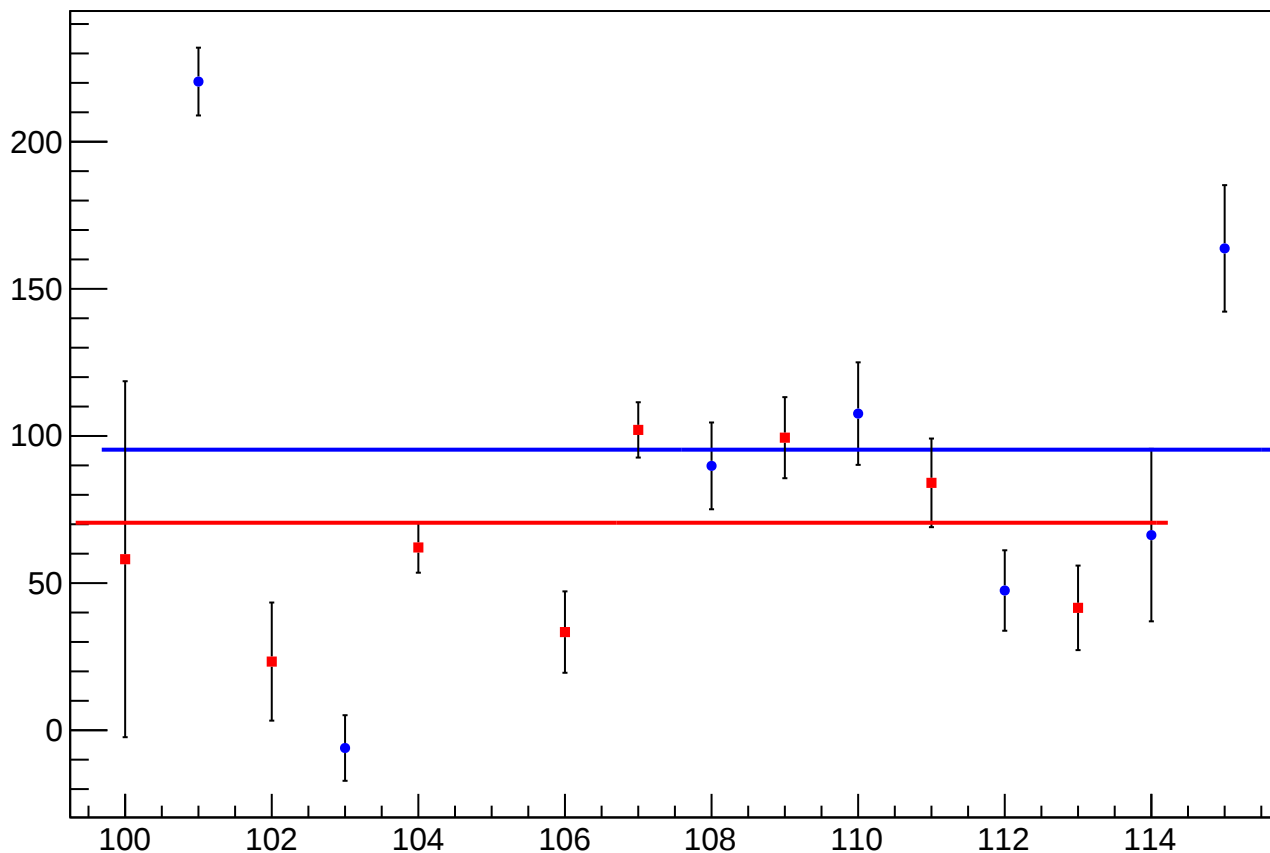
Right: 544.998+/-4.865 χ^2/NDF : 4221.5/14

In: 549.924+/-7.420 χ^2/NDF : 1988.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 544.998+/-4.865 χ^2/NDF : 4221.5/14

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 95.345+/-5.576 χ^2/NDF : 224.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.514+/-4.592 χ^2/NDF : 34.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

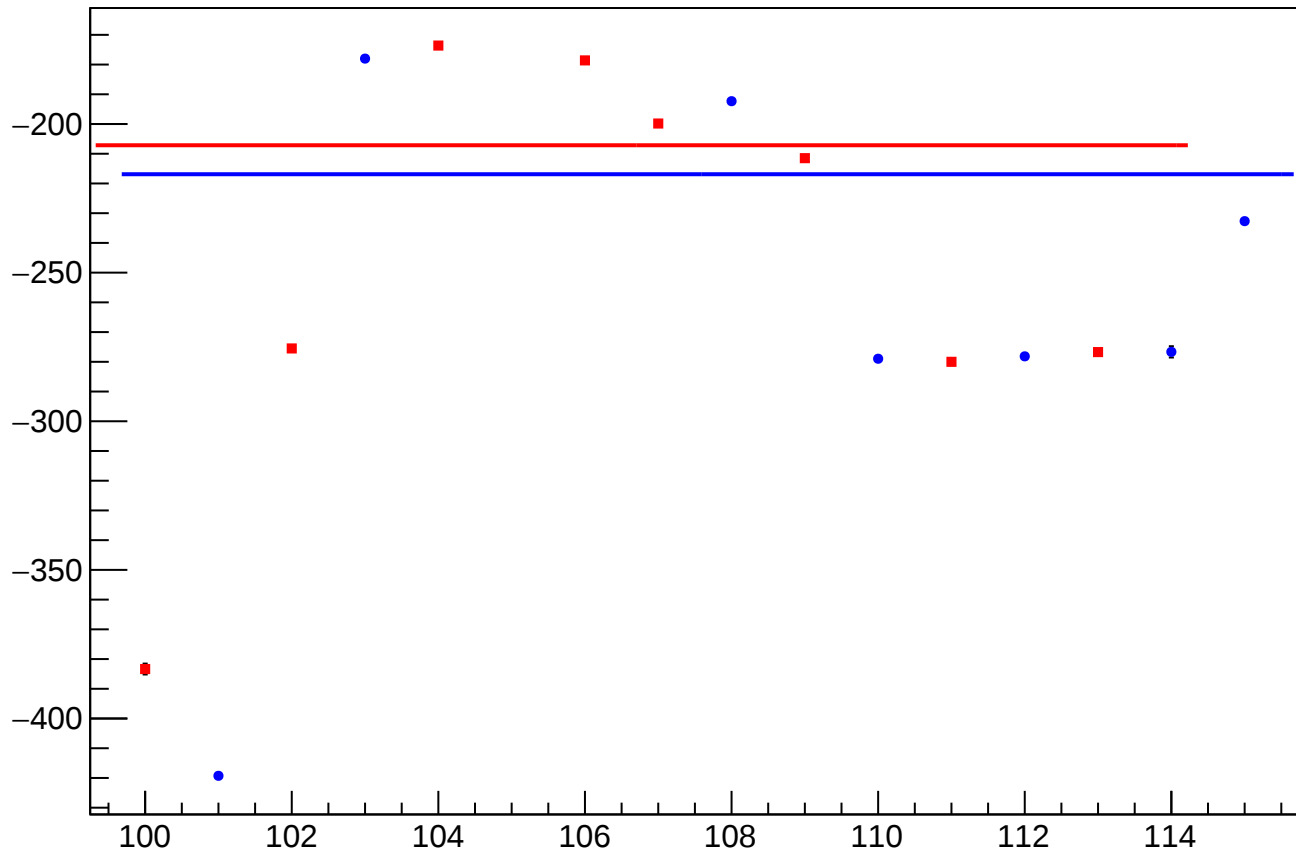
Right: 80.548+/-3.545 χ^2/NDF : 270.8/14

In: 95.345+/-5.576 χ^2/NDF : 224.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.548+/-3.545 χ^2/NDF : 270.8/14

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.896+/-0.210 χ^2/NDF : 122545.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -207.147+/-0.186 χ^2/NDF : 55821.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

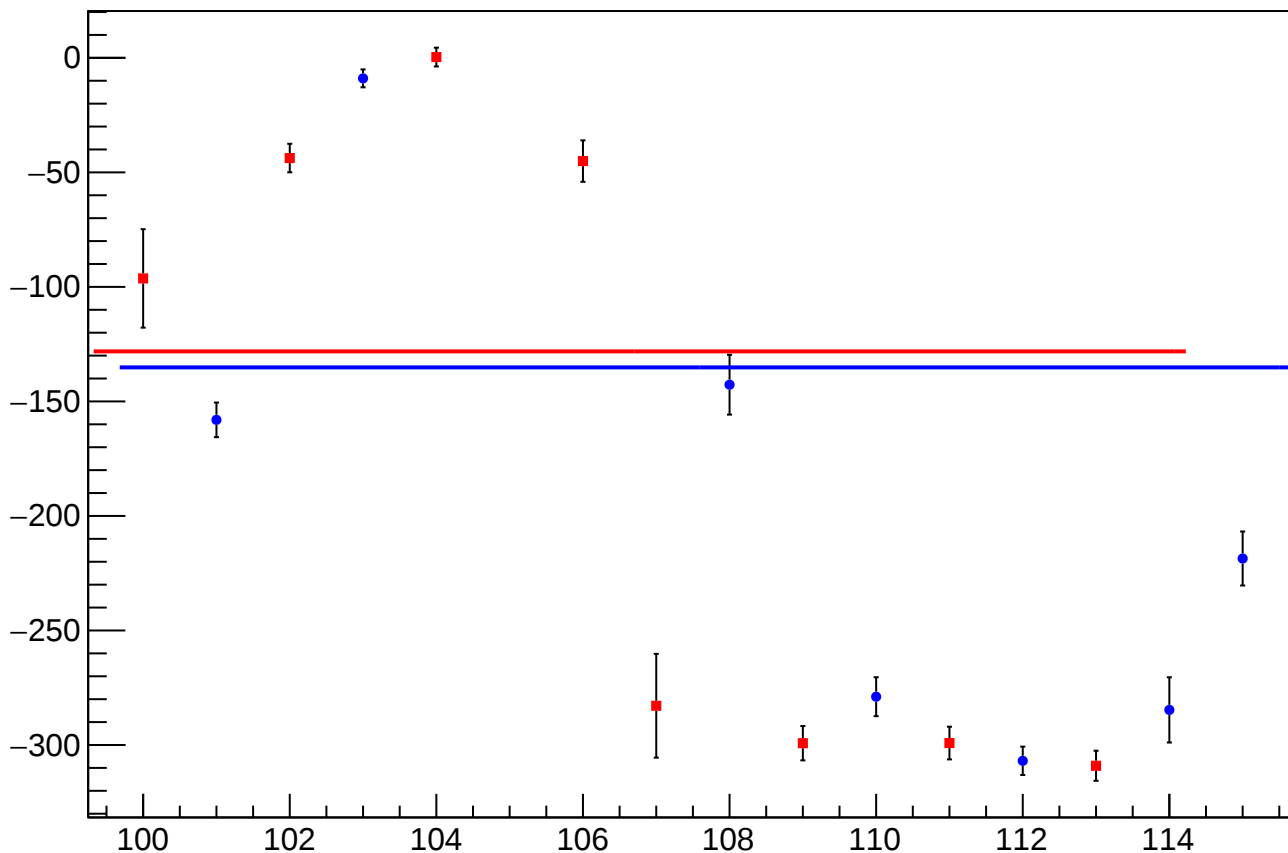
Right: -211.439+/-0.139 χ^2/NDF : 179573.8/14

In: -216.896+/-0.210 χ^2/NDF : 122545.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -211.439+/-0.139 χ^2/NDF : 179573.8/14

reg_asym_atl_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -135.140+/-2.665 χ^2/NDF : 2266.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -128.154+/-2.483 χ^2/NDF : 3152.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

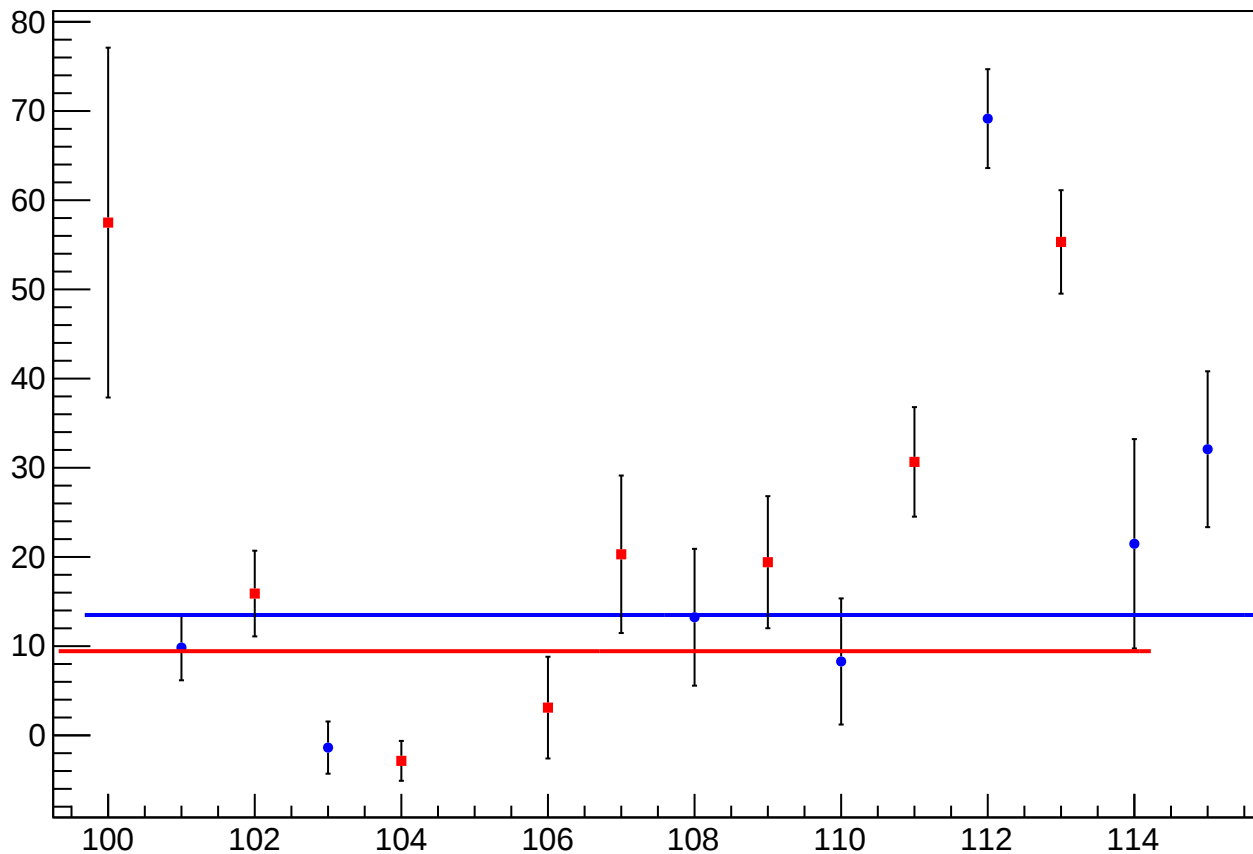
Right: -131.400+/-1.817 χ^2/NDF : 5422.7/14

In: -135.140+/-2.665 χ^2/NDF : 2266.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -131.400+/-1.817 χ^2/NDF : 5422.7/14

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.494+/-1.888 χ^2/NDF : 133.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.437+/-1.658 χ^2/NDF : 117.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

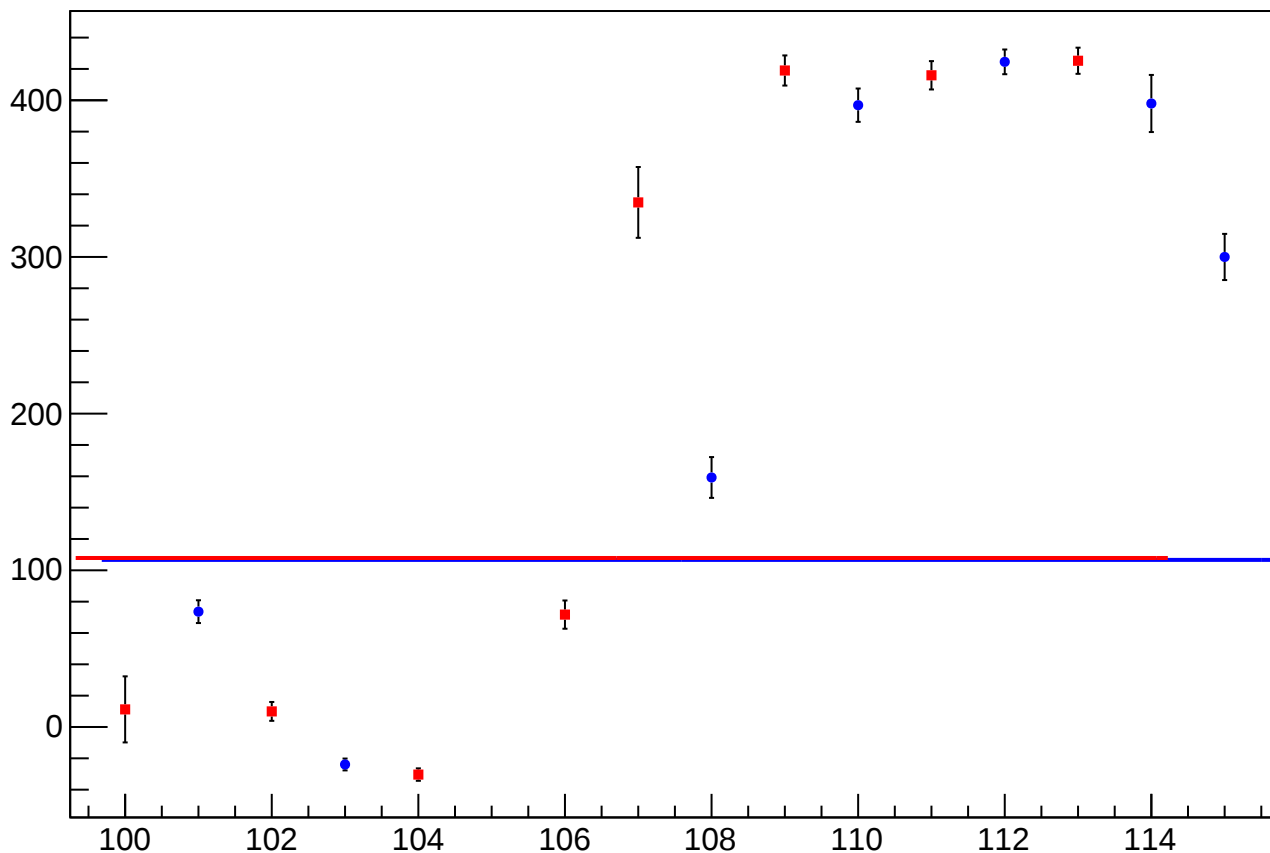
Right: 11.203+/-1.246 χ^2/NDF : 252.9/14

In: 13.494+/-1.888 χ^2/NDF : 133.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.203+/-1.246 χ^2/NDF : 252.9/14

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 106.649+/-2.804 χ^2/NDF : 4025.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.865+/-2.627 χ^2/NDF : 5267.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

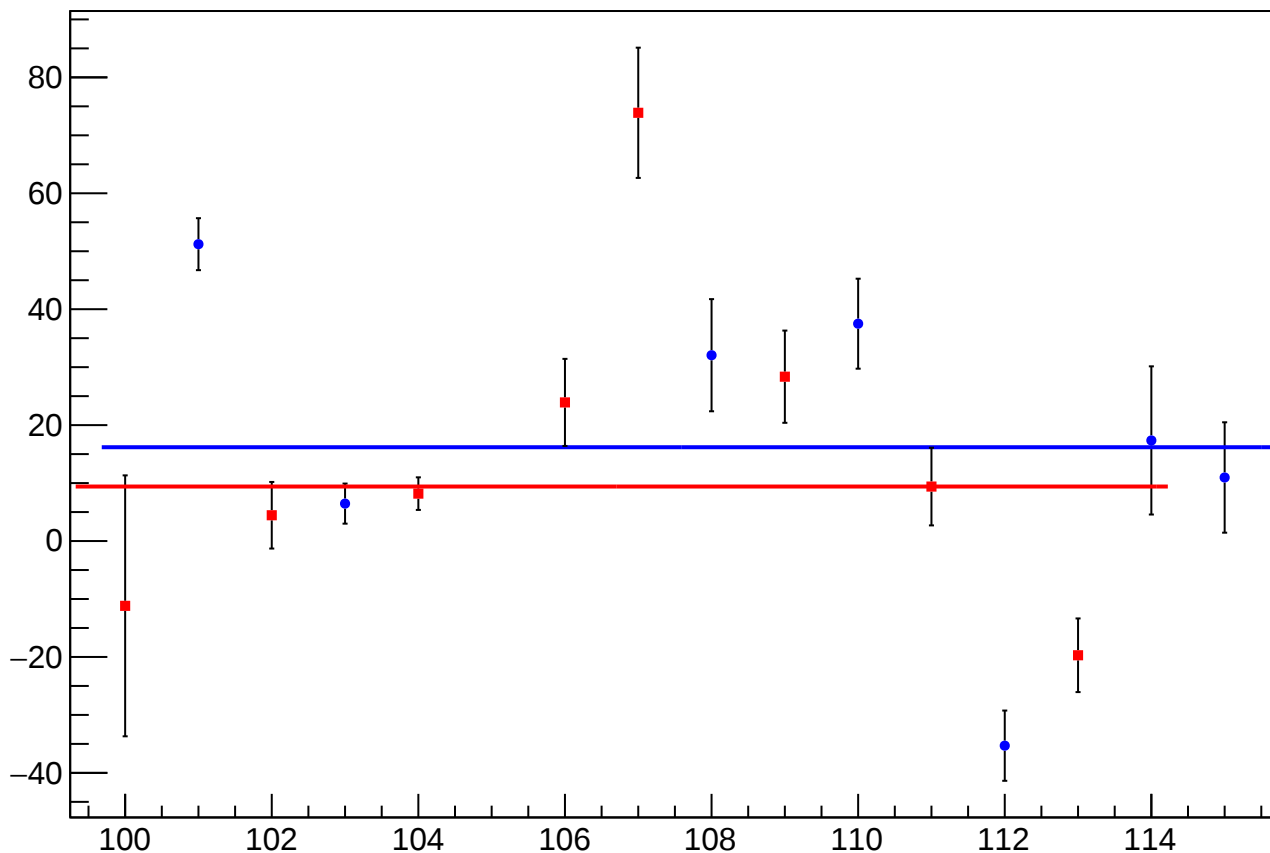
Right: 107.297+/-1.917 χ^2/NDF : 9292.6/14

In: 106.649+/-2.804 χ^2/NDF : 4025.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.297+/-1.917 χ^2/NDF : 9292.6/14

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.186 $\pm$ 2.208 χ^2 /NDF: 151.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.405 $\pm$ 2.011 χ^2 /NDF: 65.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

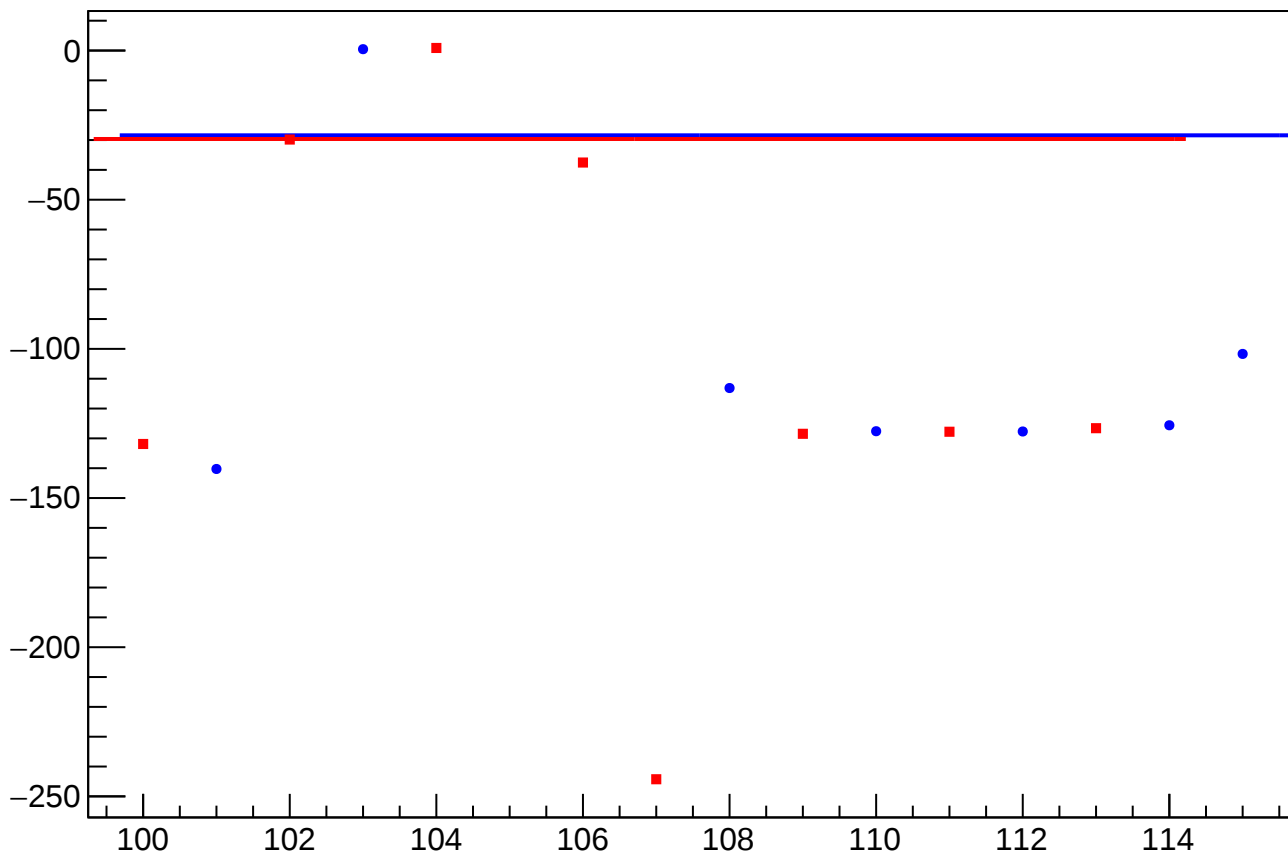
Right: 12.479 $\pm$ 1.487 χ^2 /NDF: 222.0/14

In: 16.186 $\pm$ 2.208 χ^2 /NDF: 151.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.479 $\pm$ 1.487 χ^2 /NDF: 222.0/14

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -28.418+/-0.075 χ^2/NDF : 515697.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.647+/-0.071 χ^2/NDF : 466595.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

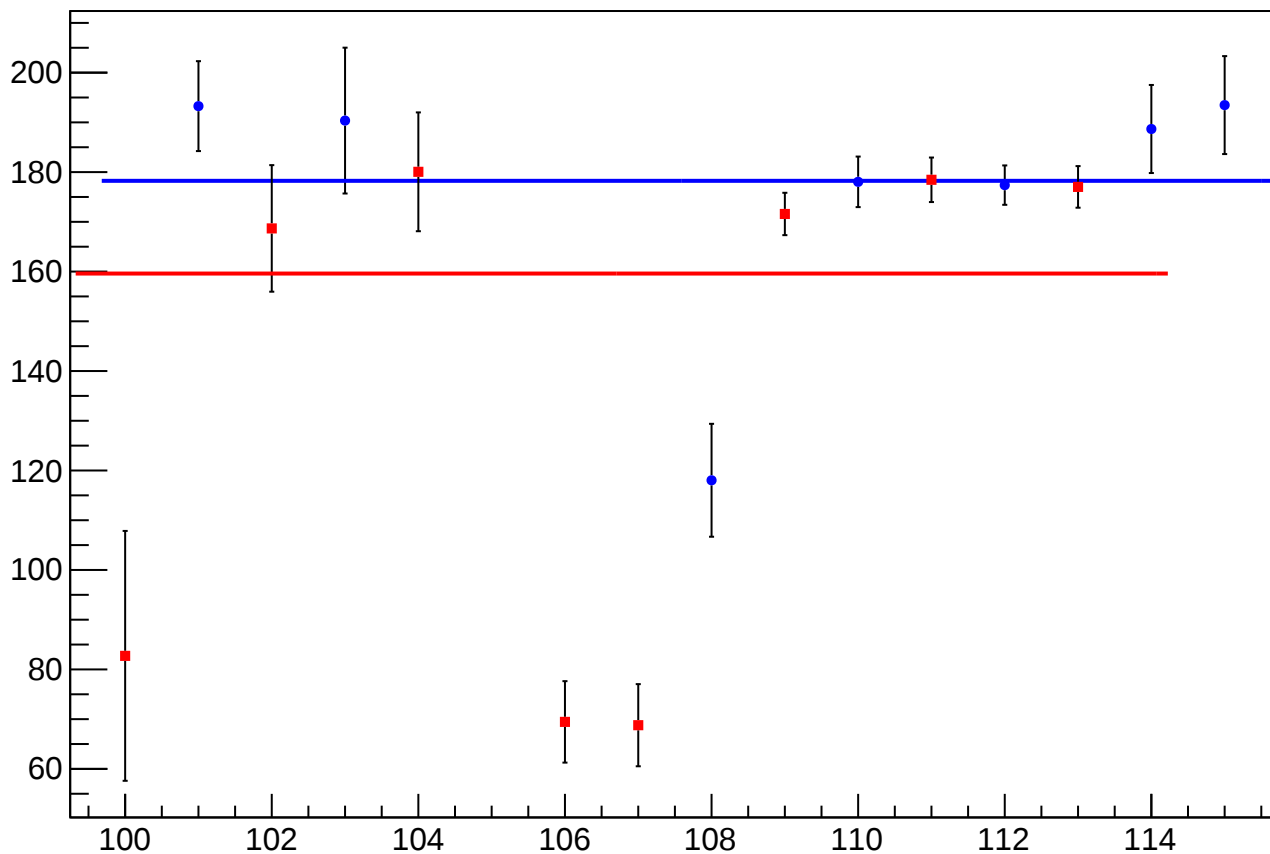
Right: -29.063+/-0.051 χ^2/NDF : 982435.6/14

In: -28.418+/-0.075 χ^2/NDF : 515697.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.063+/-0.051 χ^2/NDF : 982435.6/14

reg_asym_atl_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 178.246 $\pm$ 2.580 χ^2 /NDF: 35.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 159.602 $\pm$ 2.200 χ^2 /NDF: 297.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

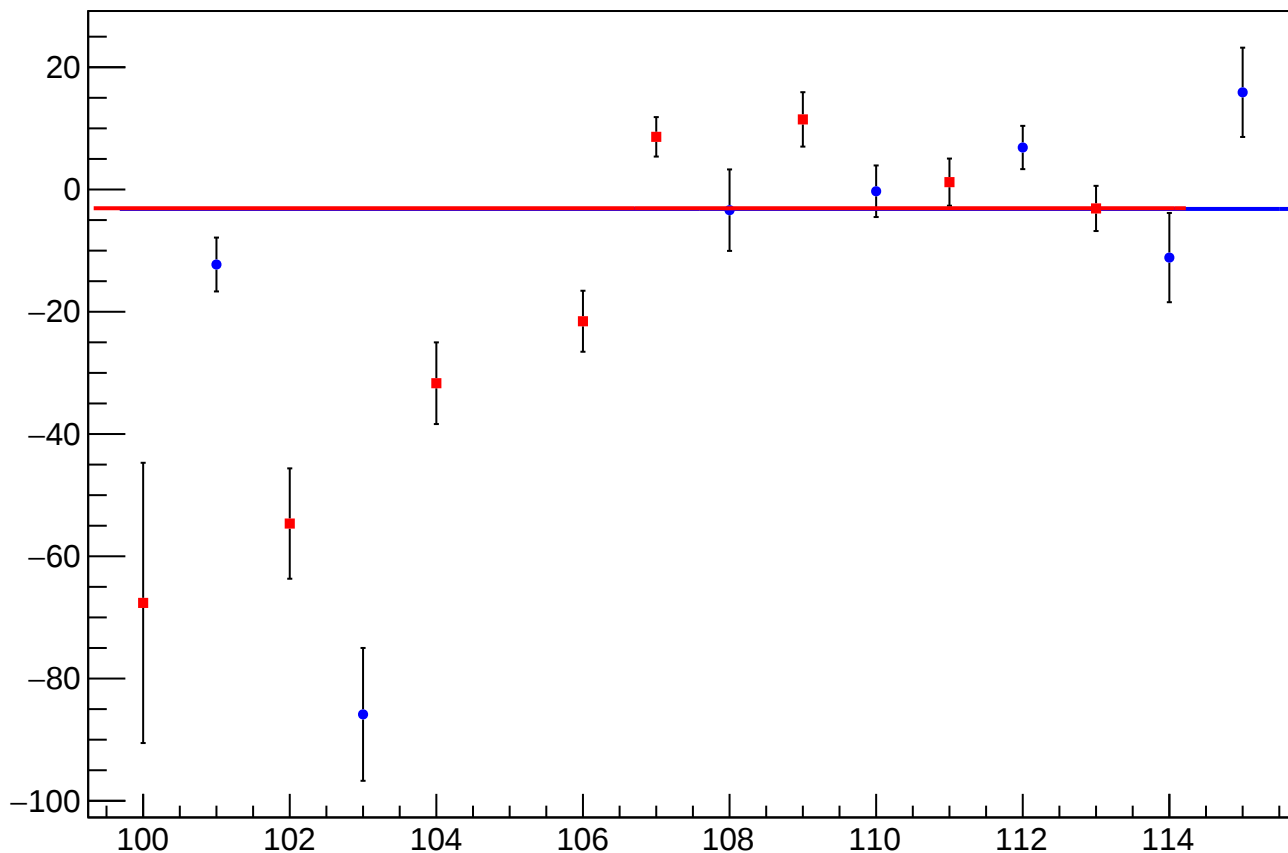
Right: 167.452 $\pm$ 1.674 χ^2 /NDF: 363.5/14

In: 178.246 $\pm$ 2.580 χ^2 /NDF:35.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 167.452 $\pm$ 1.674 χ^2 /NDF: 363.5/14

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.180+/-1.976 χ^2/NDF : 78.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.066+/-1.658 χ^2/NDF : 97.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

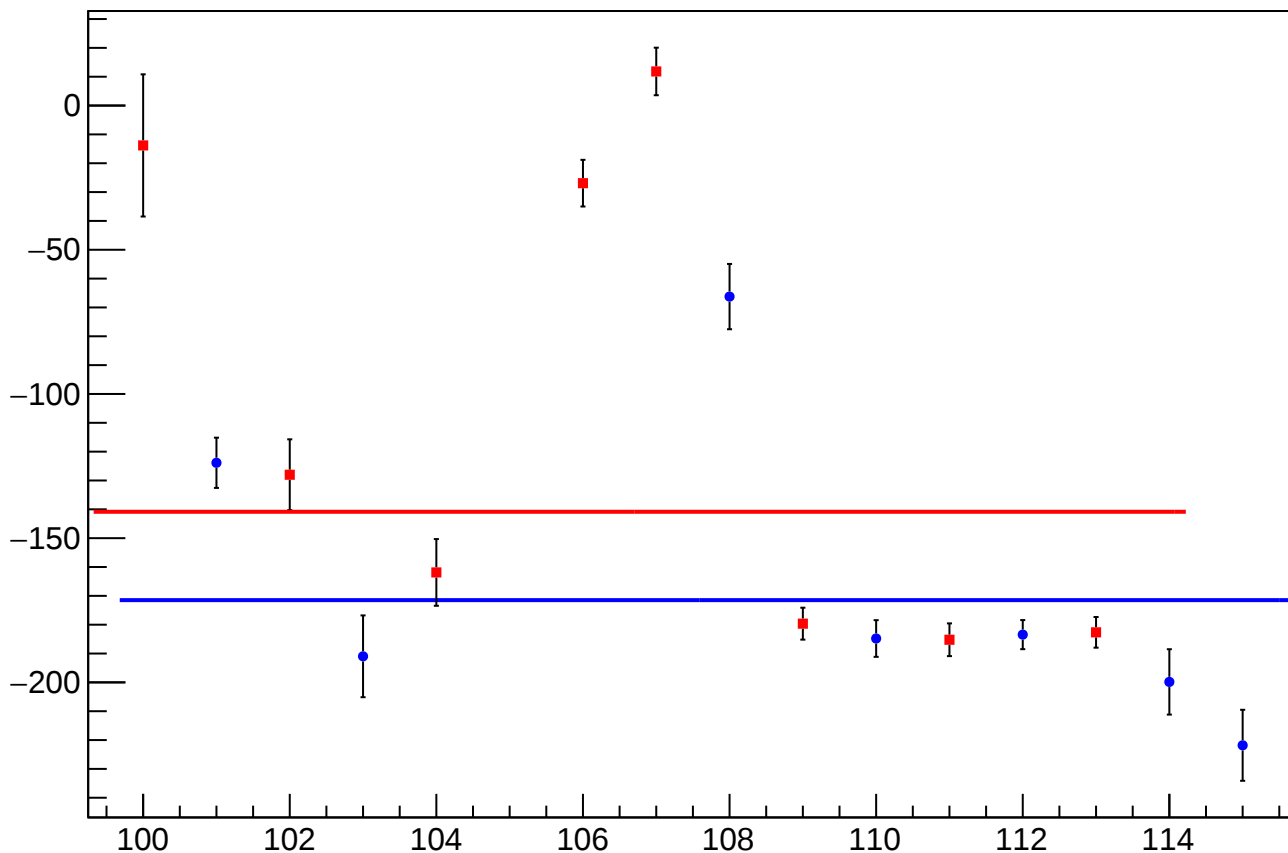
Right: -3.113+/-1.270 χ^2/NDF : 176.4/14

In: -3.180+/-1.976 χ^2/NDF : 78.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.113+/-1.270 χ^2/NDF : 176.4/14

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -171.485+/-3.095 χ^2/NDF : 151.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -140.847+/-2.628 χ^2/NDF : 744.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

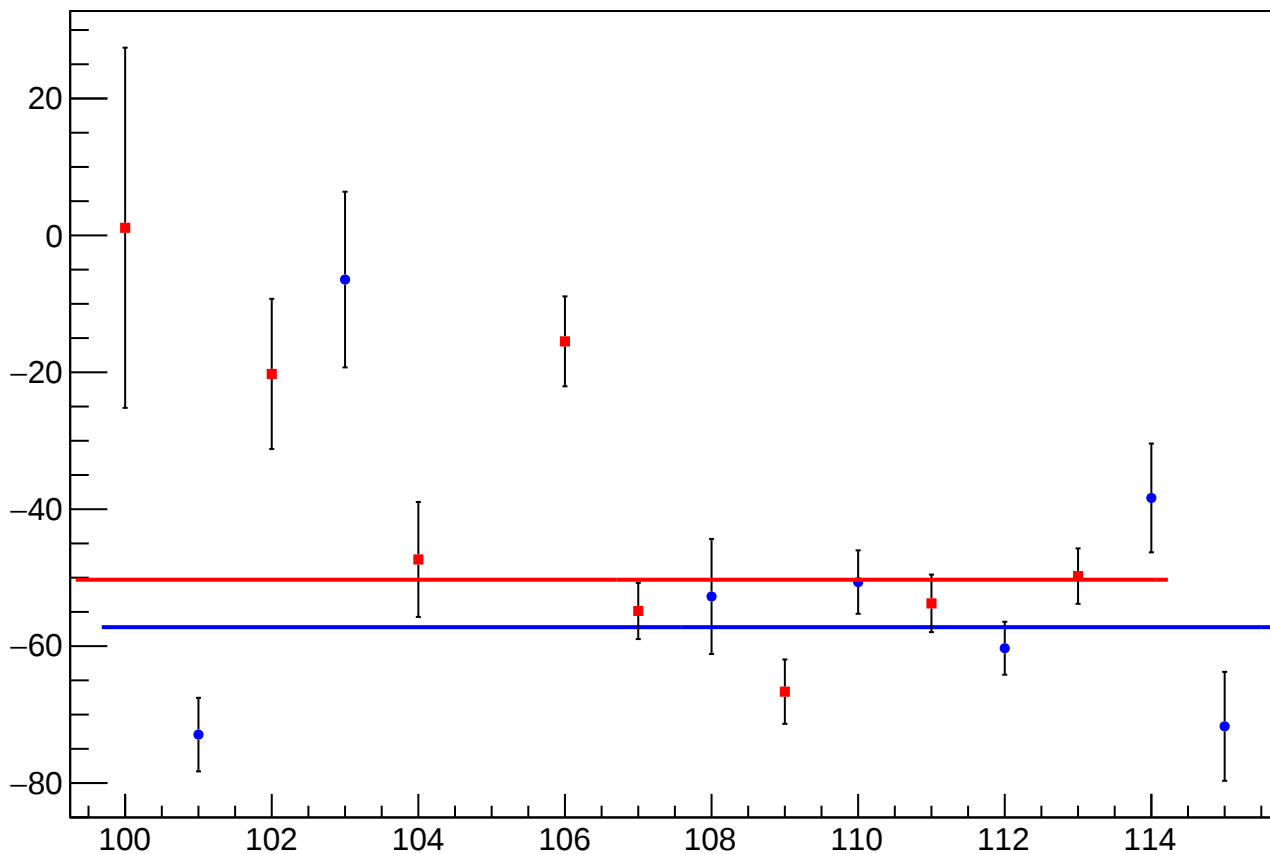
Right: -153.681+/-2.003 χ^2/NDF : 952.5/14

In: -171.485+/-3.095 χ^2/NDF : 151.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -153.681+/-2.003 χ^2/NDF : 952.5/14

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -57.228 ± 2.237 χ^2/NDF : 36.1/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -50.299 ± 1.927 χ^2/NDF : 53.5/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

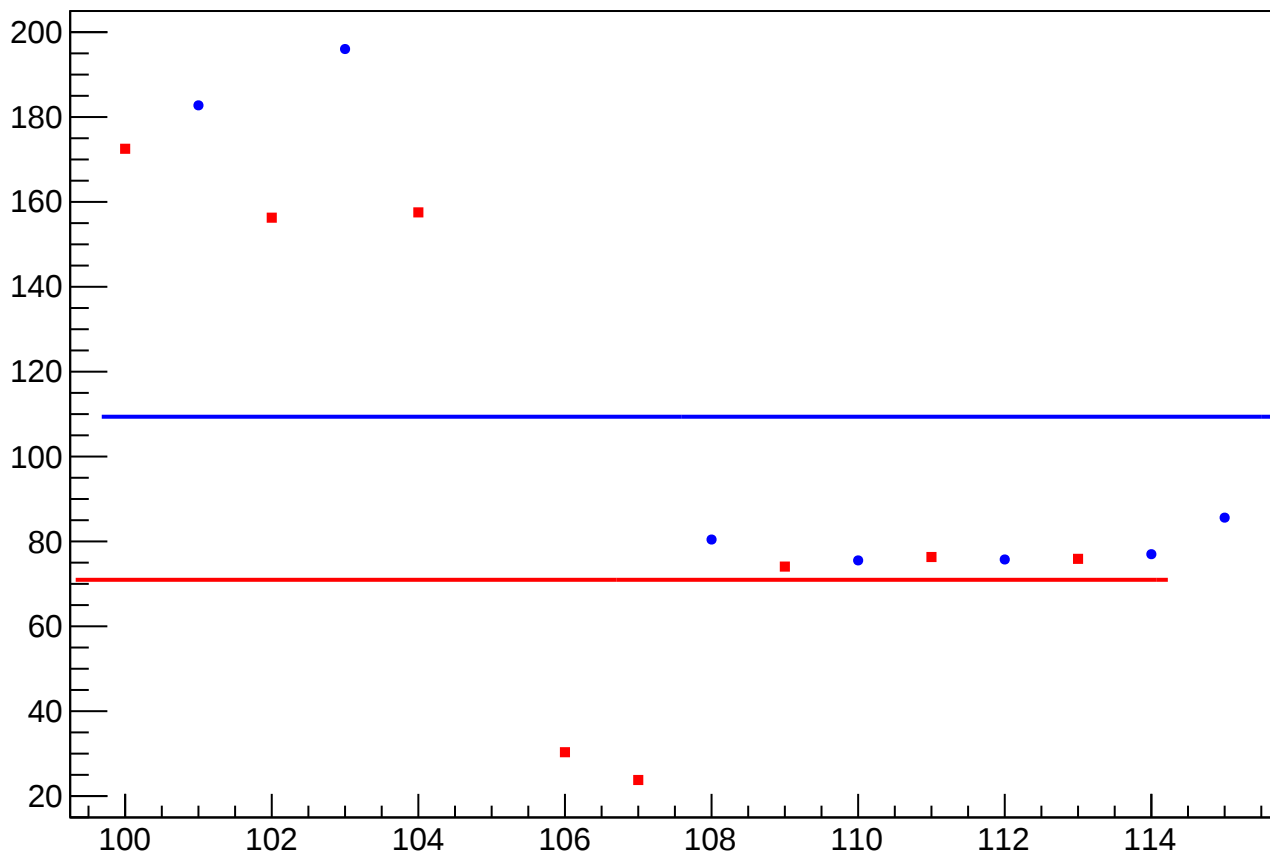
Right: -53.252 ± 1.460 χ^2/NDF : 95.1/14

In: -57.228 ± 2.237 χ^2/NDF : 36.1/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -53.252 ± 1.460 χ^2/NDF : 95.1/14

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 109.384+/-0.119 χ^2/NDF : 179672.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.958+/-0.089 χ^2/NDF : 294364.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

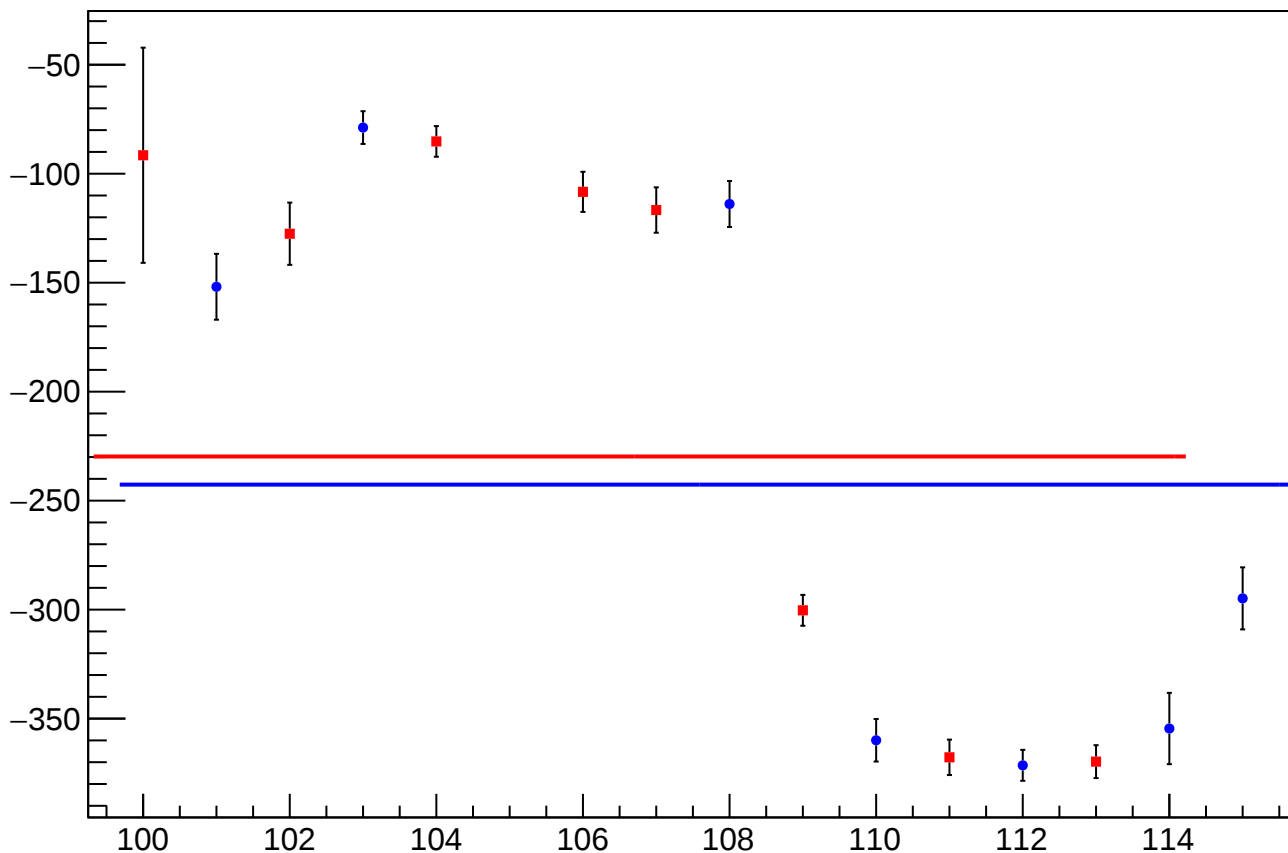
Right: 84.792+/-0.071 χ^2/NDF : 540951.8/14

In: 109.384+/-0.119 χ^2/NDF : 179672.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.792+/-0.071 χ^2/NDF : 540951.8/14

reg_asym_atr_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -242.641+/-3.777 χ^2/NDF : 1194.2/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -229.737+/-3.175 χ^2/NDF : 1505.3/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

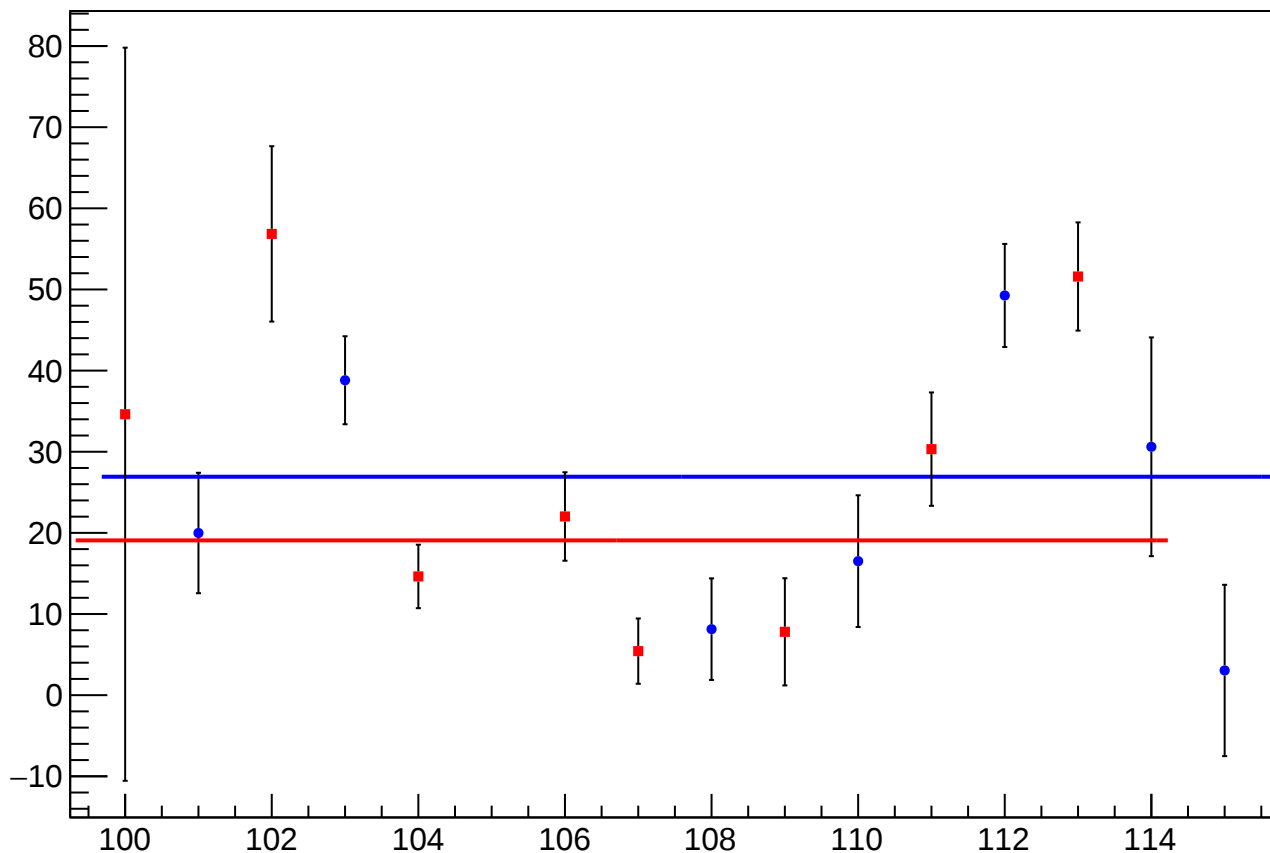
Right: -235.080+/-2.430 χ^2/NDF : 2706.4/14

In: -242.641+/-3.777 χ^2/NDF :1194.2/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -235.080+/-2.430 χ^2/NDF : 2706.4/14

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 26.921 $\pm$ 2.751 χ^2 /NDF: 33.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.075 $\pm$ 2.060 χ^2 /NDF: 54.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

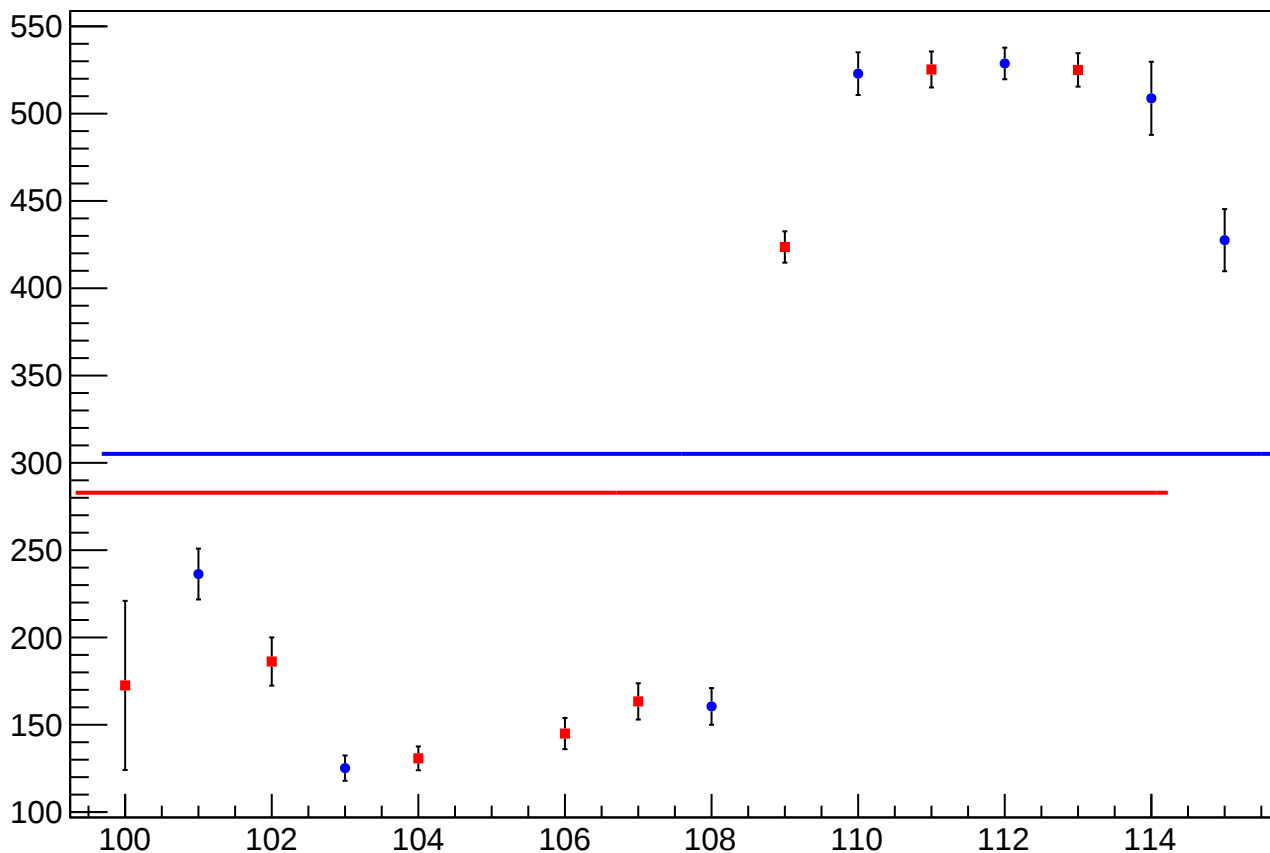
Right: 21.893 $\pm$ 1.649 χ^2 /NDF: 93.8/14

In: 26.921 $\pm$ 2.751 χ^2 /NDF: 33.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.893 $\pm$ 1.649 χ^2 /NDF: 93.8/14

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 305.154+/-4.186 χ^2/NDF : 1896.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 282.900+/-3.499 χ^2/NDF : 2359.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

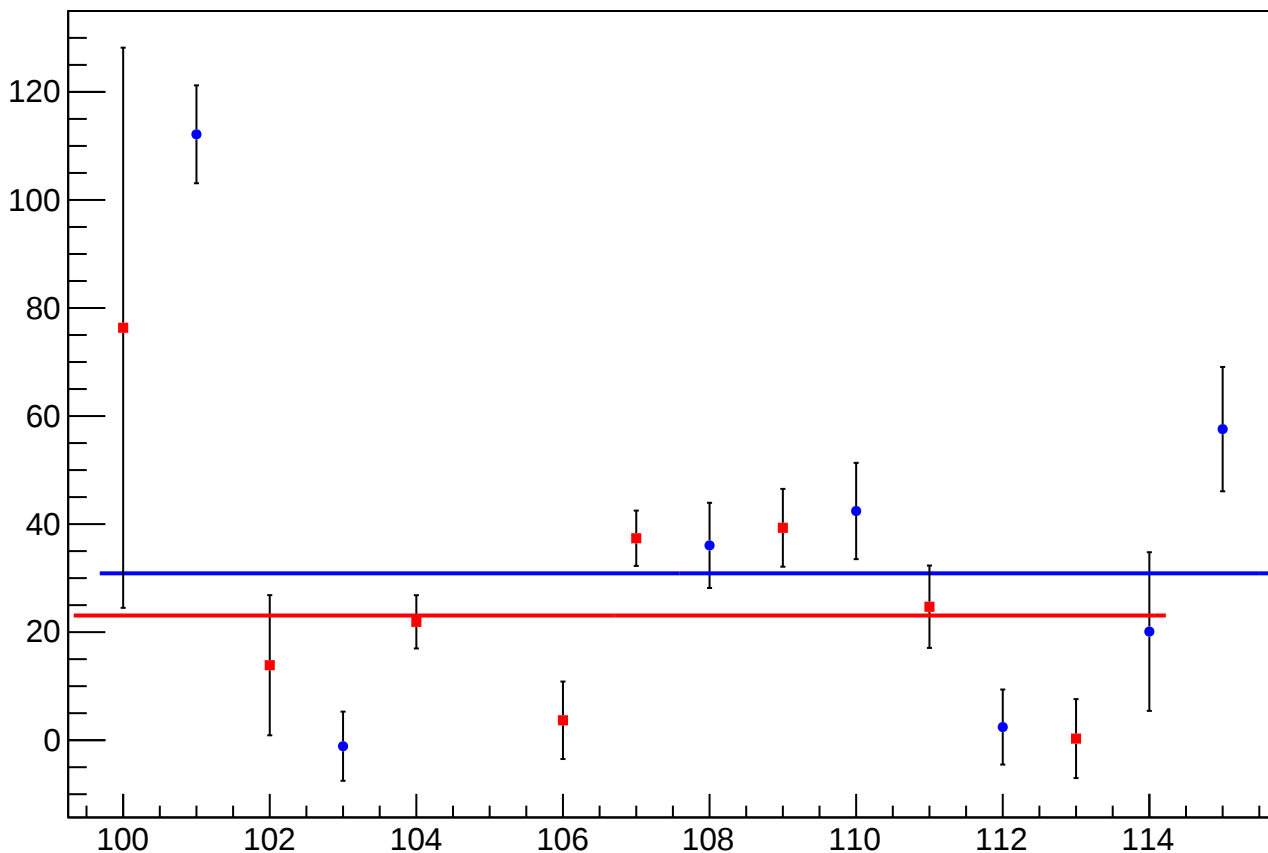
Right: 292.055+/-2.685 χ^2/NDF : 4272.8/14

In: 305.154+/-4.186 χ^2/NDF : 1896.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 292.055+/-2.685 χ^2/NDF : 4272.8/14

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 30.887+/-3.192 χ^2/NDF : 130.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.078+/-2.498 χ^2/NDF : 31.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

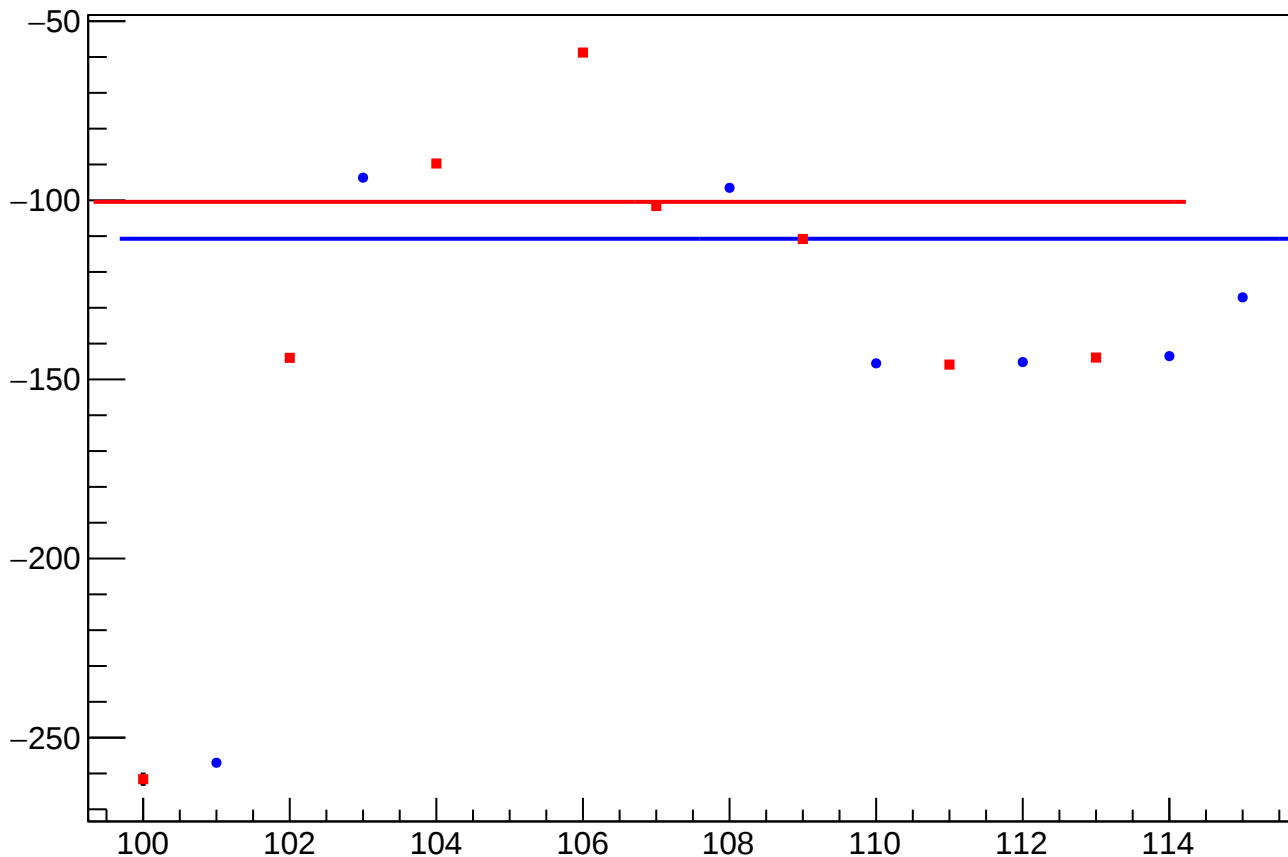
Right: 26.044+/-1.967 χ^2/NDF : 165.5/14

In: 30.887+/-3.192 χ^2/NDF : 130.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.044+/-1.967 χ^2/NDF : 165.5/14

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -110.735+/-0.120 χ^2/NDF : 104261.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -100.427+/-0.102 χ^2/NDF : 80961.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

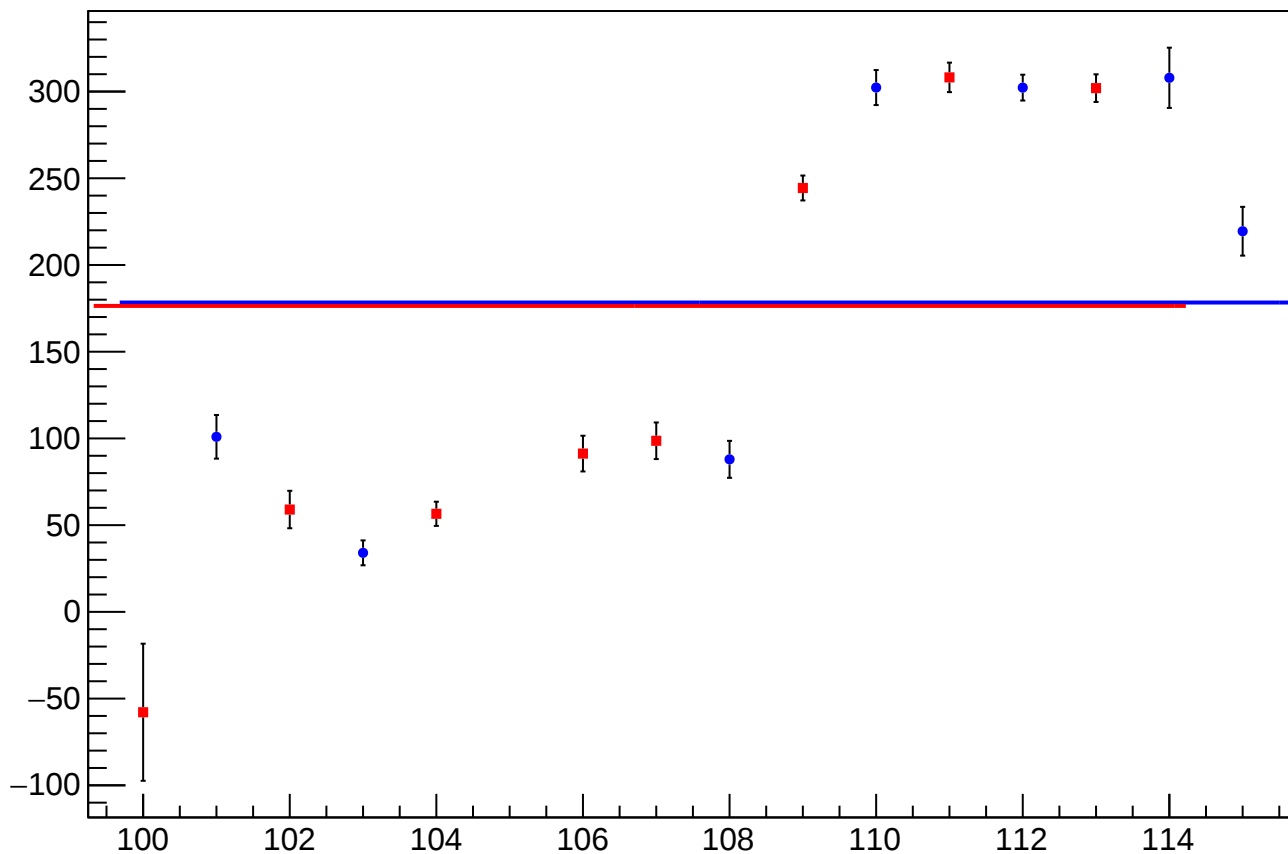
Right: -104.793+/-0.078 χ^2/NDF : 189508.5/14

In: -110.735+/-0.120 χ^2/NDF : 104261.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -104.793+/-0.078 χ^2/NDF : 189508.5/14

reg_asym_atr_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 178.358+/-3.760 χ^2/NDF : 1005.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 176.406+/-3.208 χ^2/NDF : 1149.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

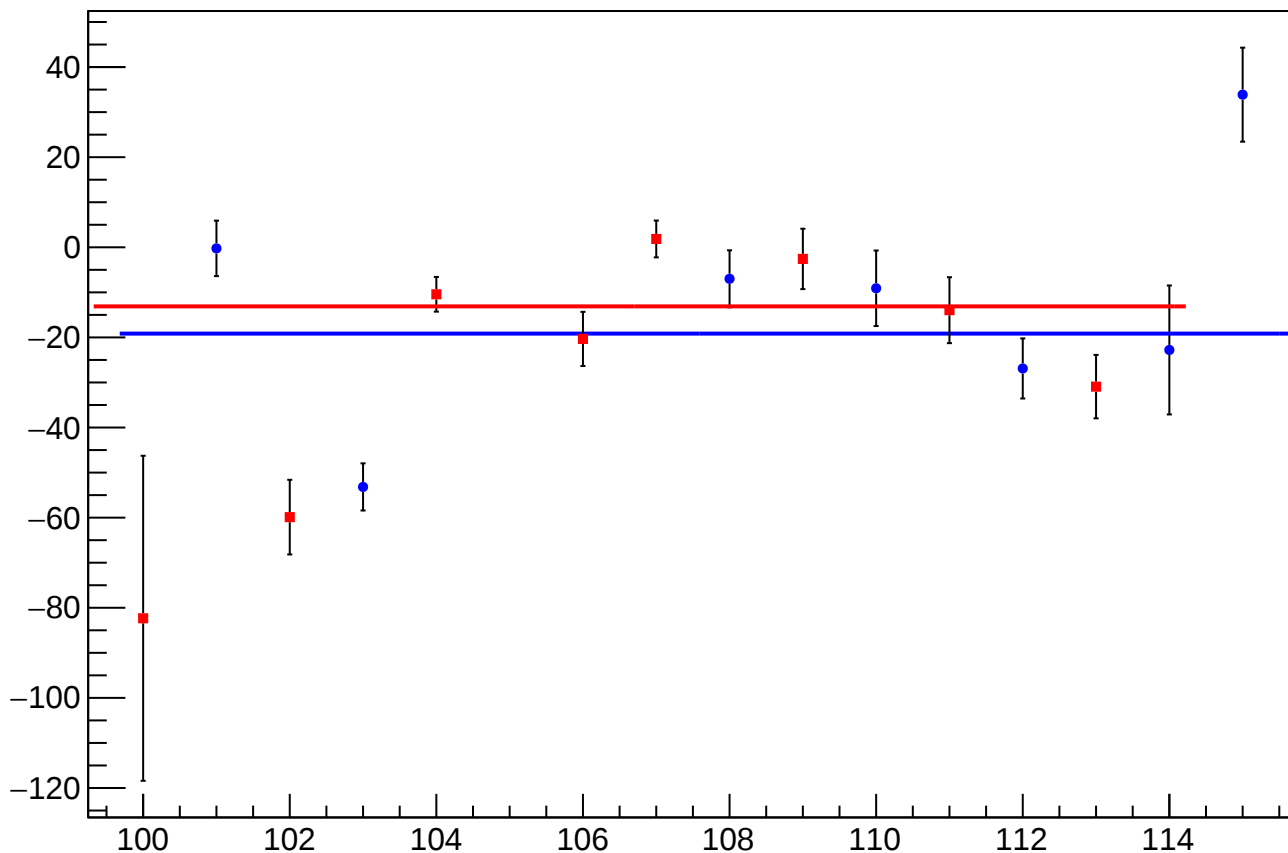
Right: 177.229+/-2.441 χ^2/NDF : 2155.1/14

In: 178.358+/-3.760 χ^2/NDF :1005.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 177.229+/-2.441 χ^2/NDF : 2155.1/14

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -19.153 ± 2.684 $\chi^2/\text{NDF}: 84.1/6$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -13.110 ± 2.078 $\chi^2/\text{NDF}: 59.8/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

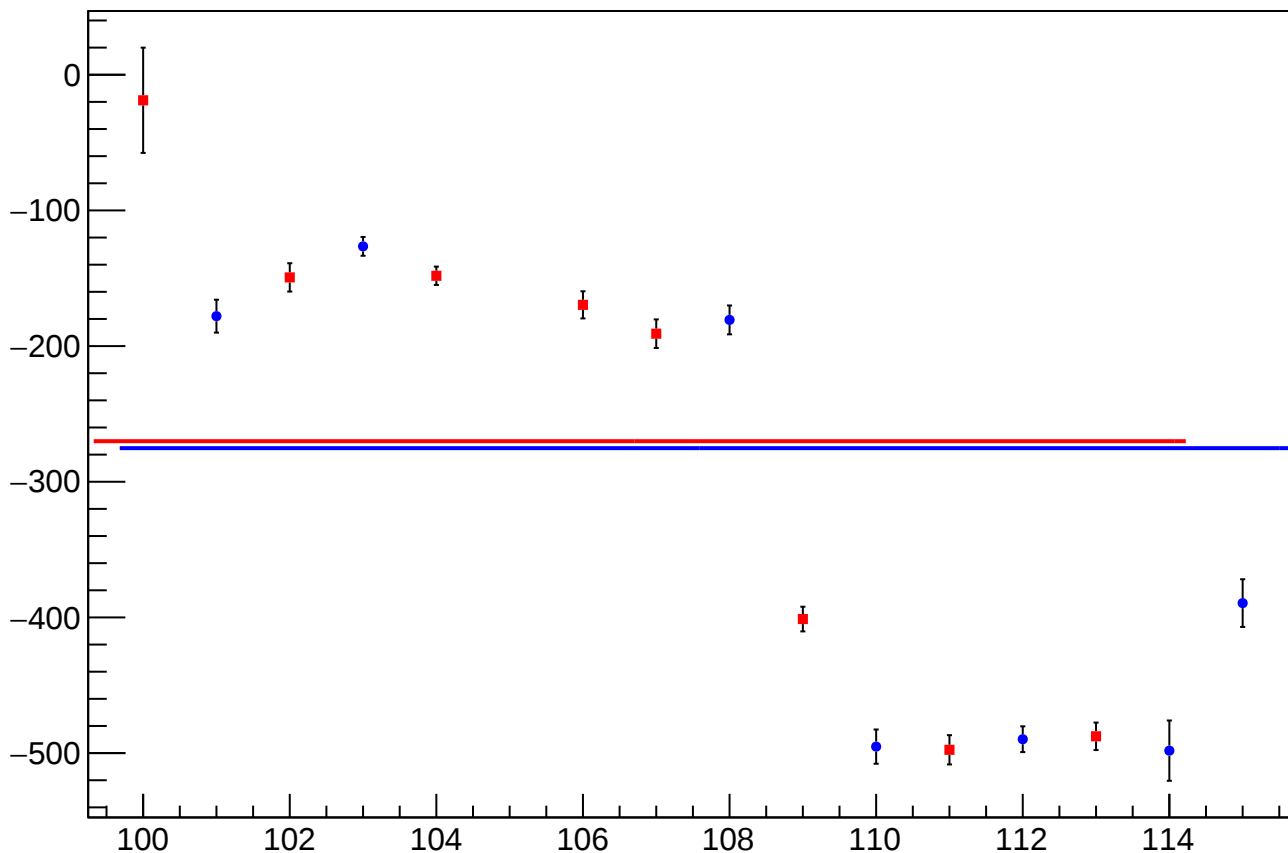
Right: -15.375 ± 1.643 $\chi^2/\text{NDF}: 147.1/14$

In: -19.153 ± 2.684 $\chi^2/\text{NDF}: 84.1/6$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -15.375 ± 1.643 $\chi^2/\text{NDF}: 147.1/14$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -275.221+/-4.115 χ^2/NDF : 1560.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -270.088+/-3.509 χ^2/NDF : 1773.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

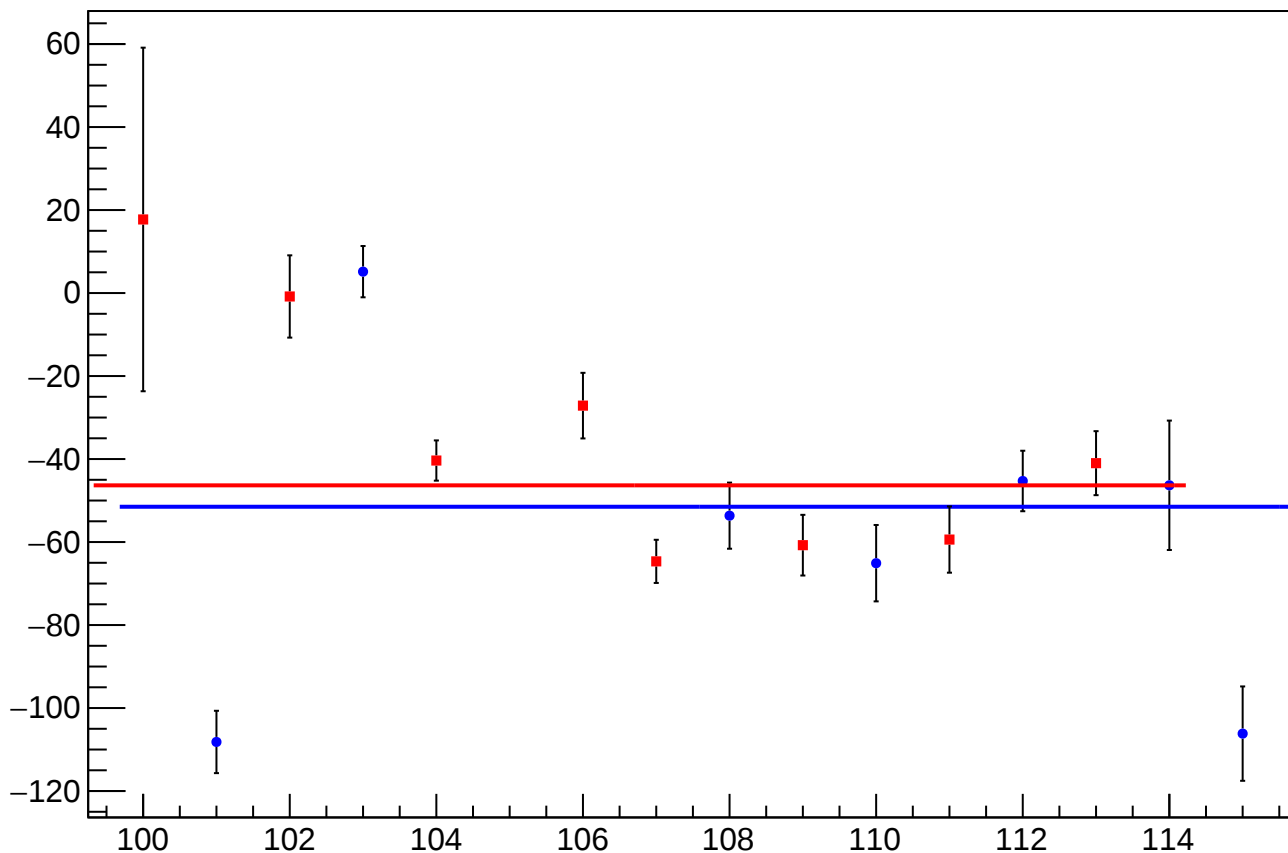
Right: -272.249+/-2.670 χ^2/NDF : 3335.0/14

In: -275.221+/-4.115 χ^2/NDF : 1560.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -272.249+/-2.670 χ^2/NDF : 3335.0/14

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -51.495+/-3.129 χ^2/NDF : 167.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -46.339+/-2.520 χ^2/NDF : 50.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

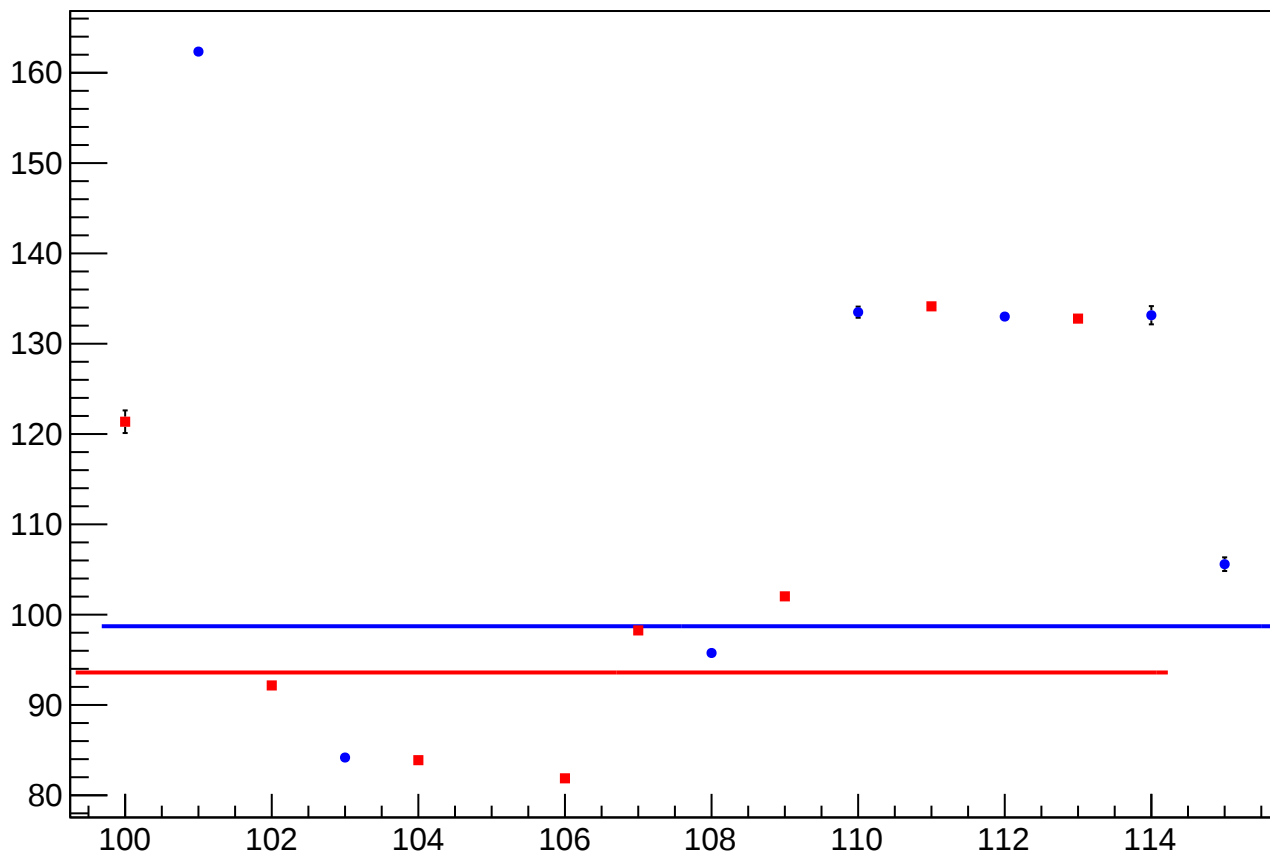
Right: -48.368+/-1.963 χ^2/NDF : 219.2/14

In: -51.495+/-3.129 χ^2/NDF : 167.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.368+/-1.963 χ^2/NDF : 219.2/14

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 98.717+/-0.116 χ^2/NDF : 40780.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.597+/-0.101 χ^2/NDF : 20291.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

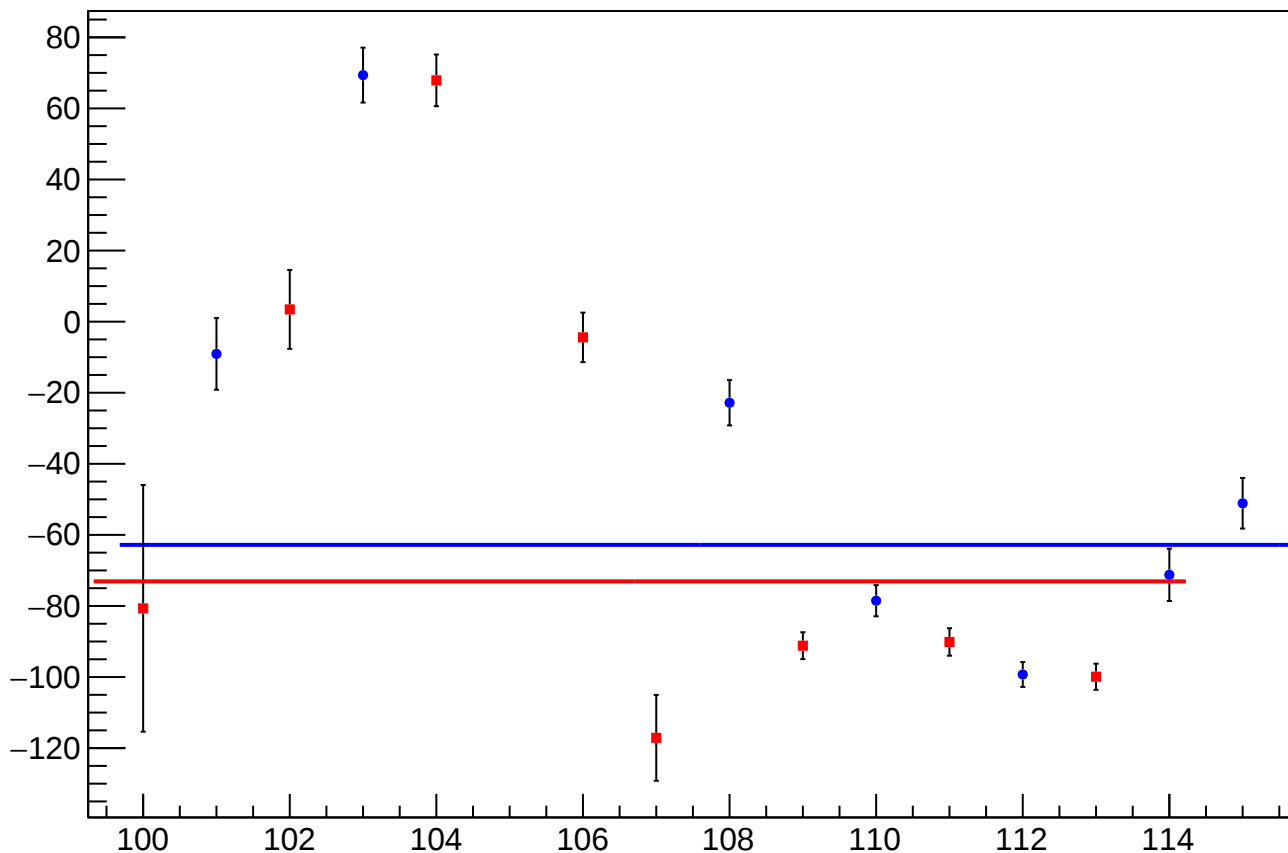
Right: 95.788+/-0.076 χ^2/NDF : 62182.1/14

In: 98.717+/-0.116 χ^2/NDF : 40780.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.788+/-0.076 χ^2/NDF : 62182.1/14

reg_asym_at1_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -62.810+/-2.116 χ^2/NDF : 486.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -73.070+/-1.938 χ^2/NDF : 629.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

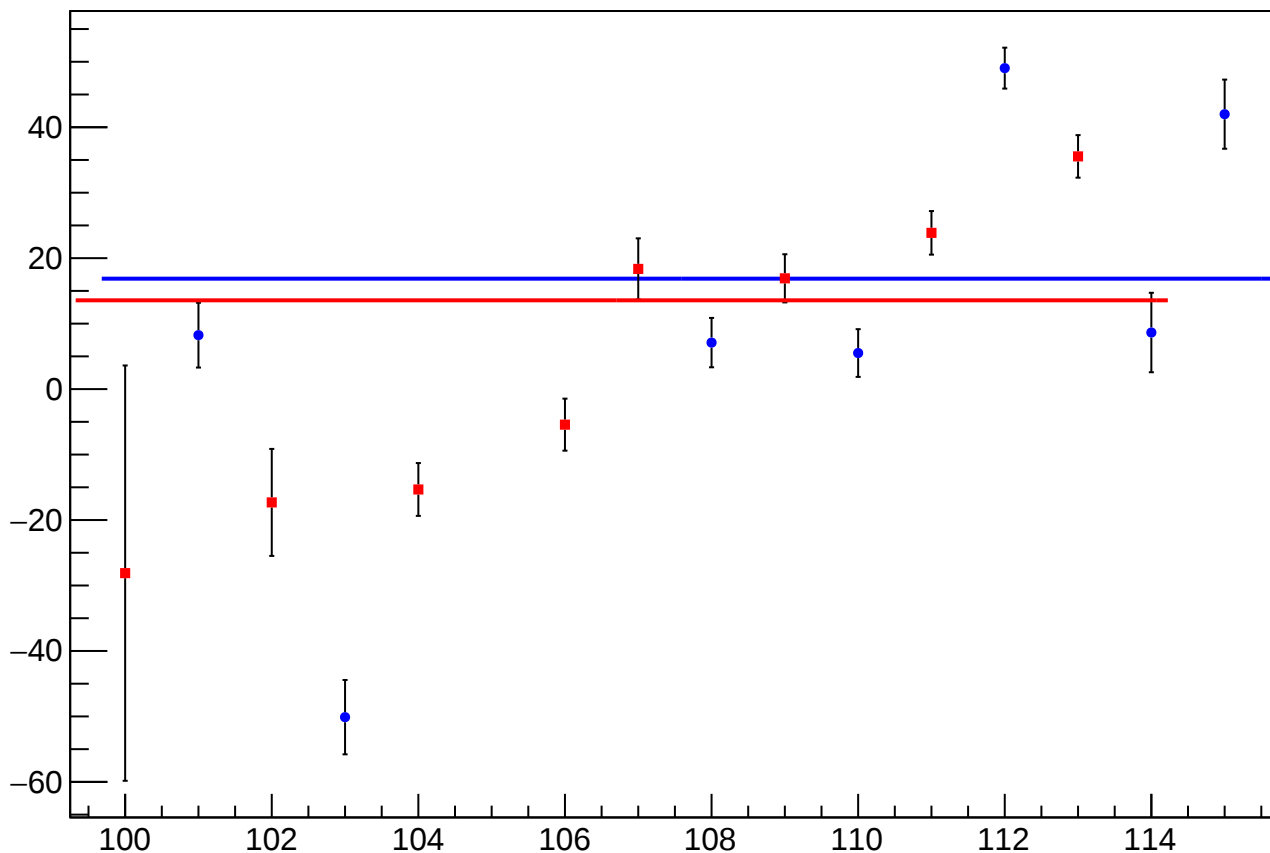
Right: -68.390+/-1.429 χ^2/NDF : 1128.6/14

In: -62.810+/-2.116 χ^2/NDF : 486.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.390+/-1.429 χ^2/NDF : 1128.6/14

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.869+/-1.616 χ^2/NDF : 289.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.560+/-1.498 χ^2/NDF : 147.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

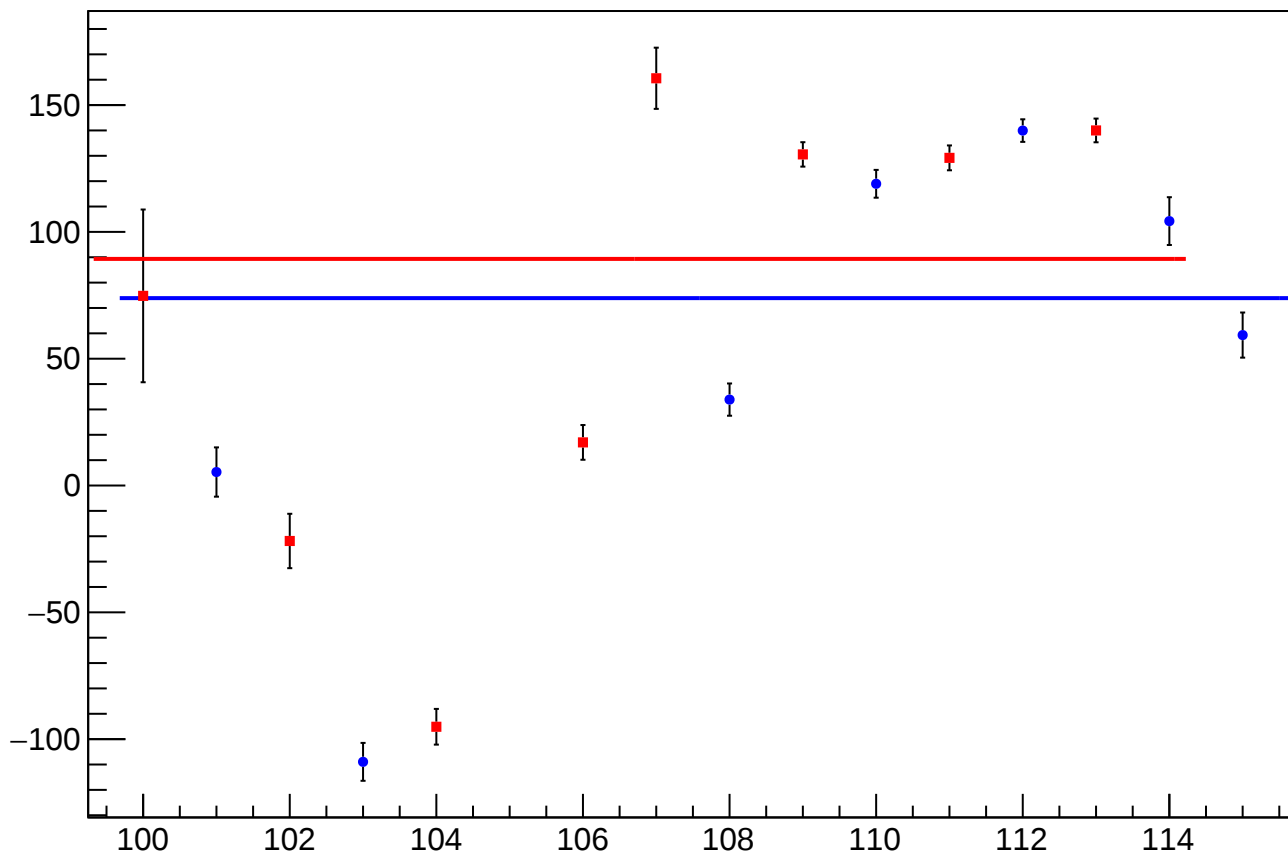
Right: 15.089+/-1.099 χ^2/NDF : 438.6/14

In: 16.869+/-1.616 χ^2/NDF : 289.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.089+/-1.099 χ^2/NDF : 438.6/14

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 73.884 $\pm$ 2.493 χ^2 /NDF: 989.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 89.350 $\pm$ 2.303 χ^2 /NDF: 1197.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

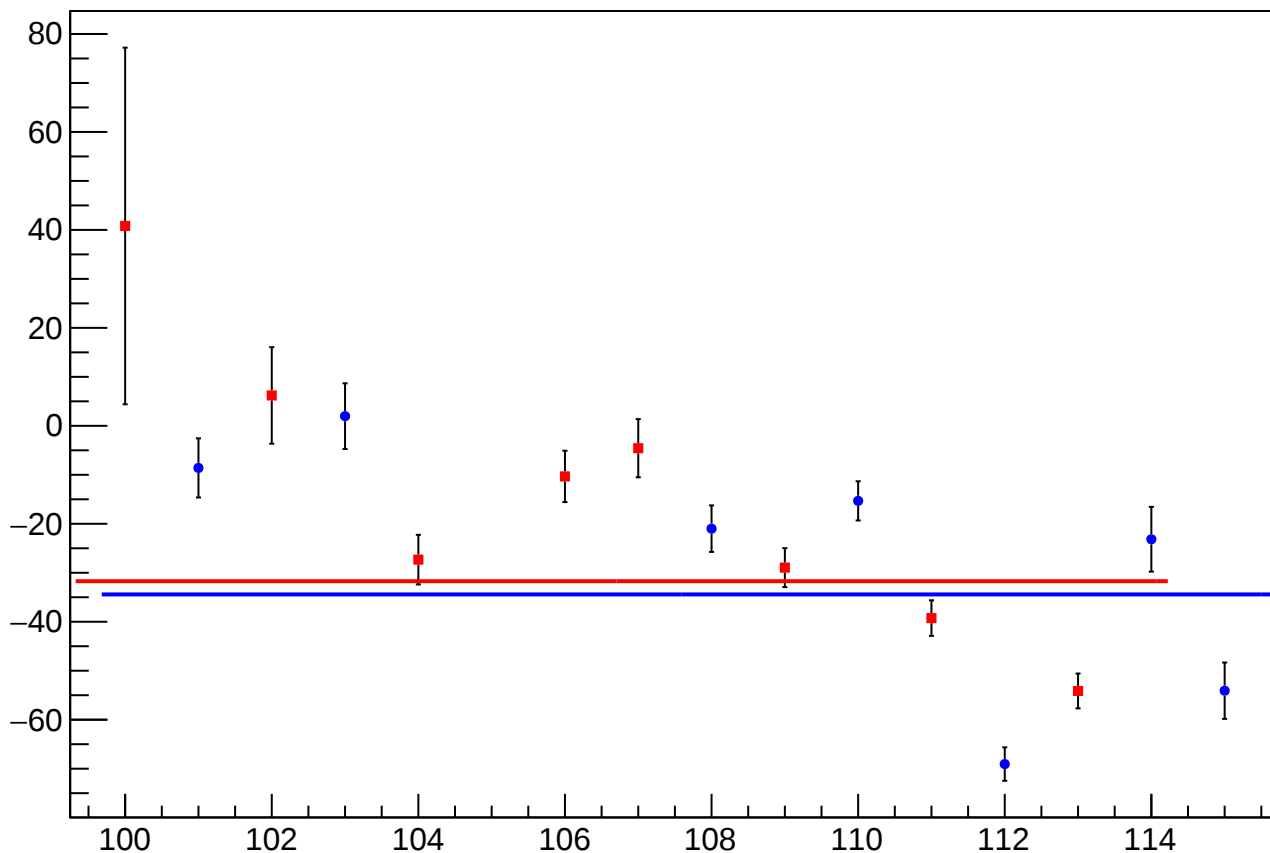
Right: 82.228 $\pm$ 1.692 χ^2 /NDF: 2207.8/14

In: 73.884 $\pm$ 2.493 χ^2 /NDF: 989.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 82.228 $\pm$ 1.692 χ^2 /NDF: 2207.8/14

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -34.422 $\pm$ 1.840 χ^2 /NDF: 195.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -31.723 $\pm$ 1.733 χ^2 /NDF: 101.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

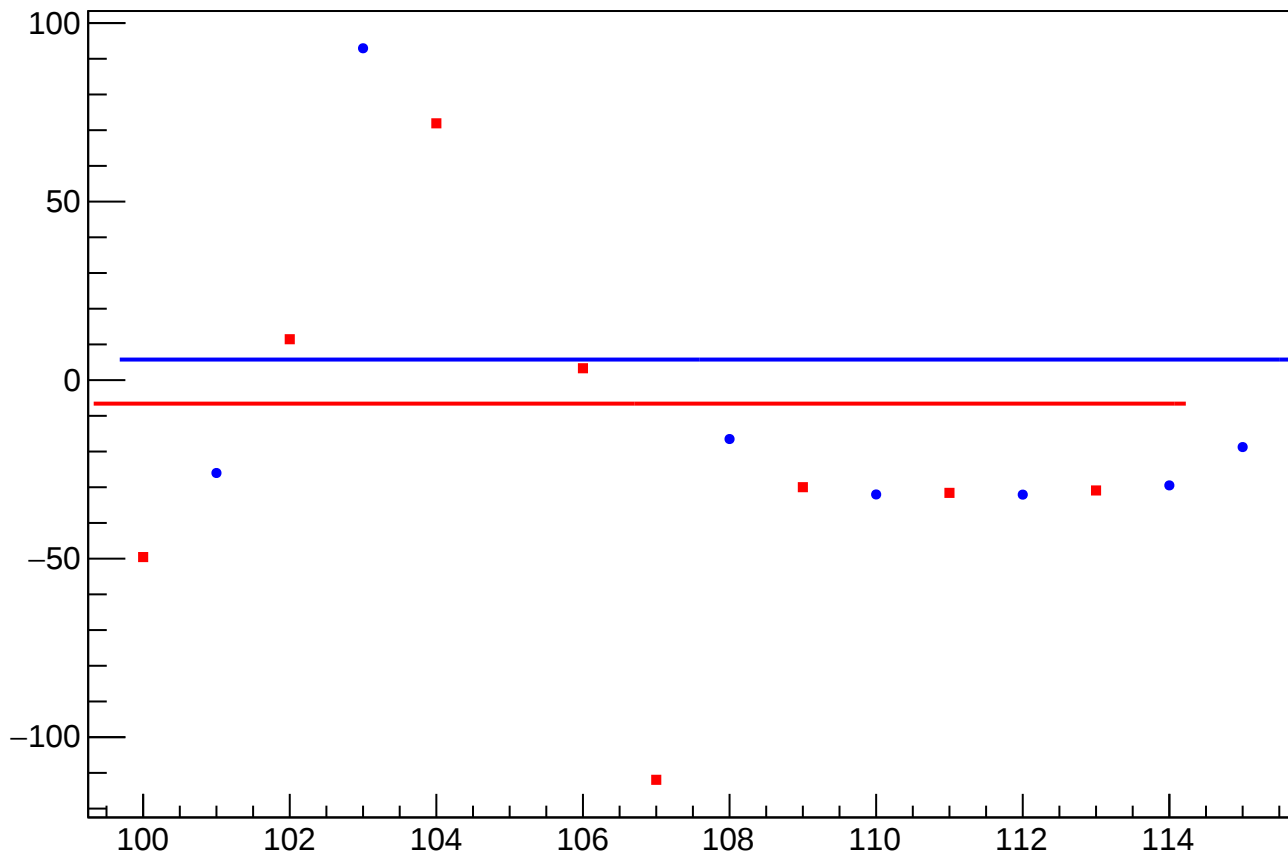
Right: -32.992 $\pm$ 1.262 χ^2 /NDF: 298.6/14

In: -34.422 $\pm$ 1.840 χ^2 /NDF:195.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -32.992 $\pm$ 1.262 χ^2 /NDF: 298.6/14

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 5.760+/-0.084 χ^2/NDF : 367406.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.584+/-0.079 χ^2/NDF : 386433.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

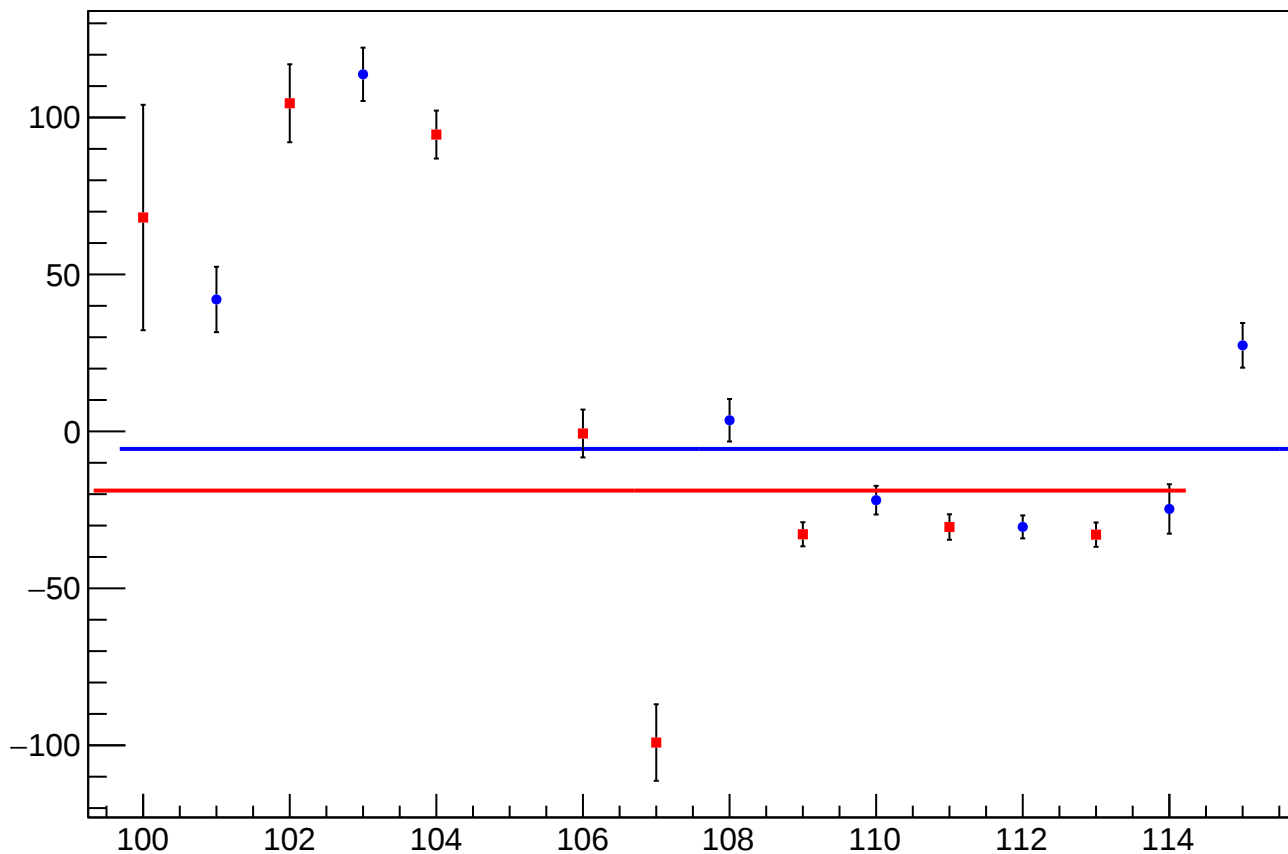
Right: -0.791+/-0.058 χ^2/NDF : 765311.1/14

In: 5.760+/-0.084 χ^2/NDF : 367406.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.791+/-0.058 χ^2/NDF : 765311.1/14

reg_asym_at1_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -5.582+/-2.218 χ^2 /NDF: 306.5/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -18.856+/-2.026 χ^2 /NDF: 408.5/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

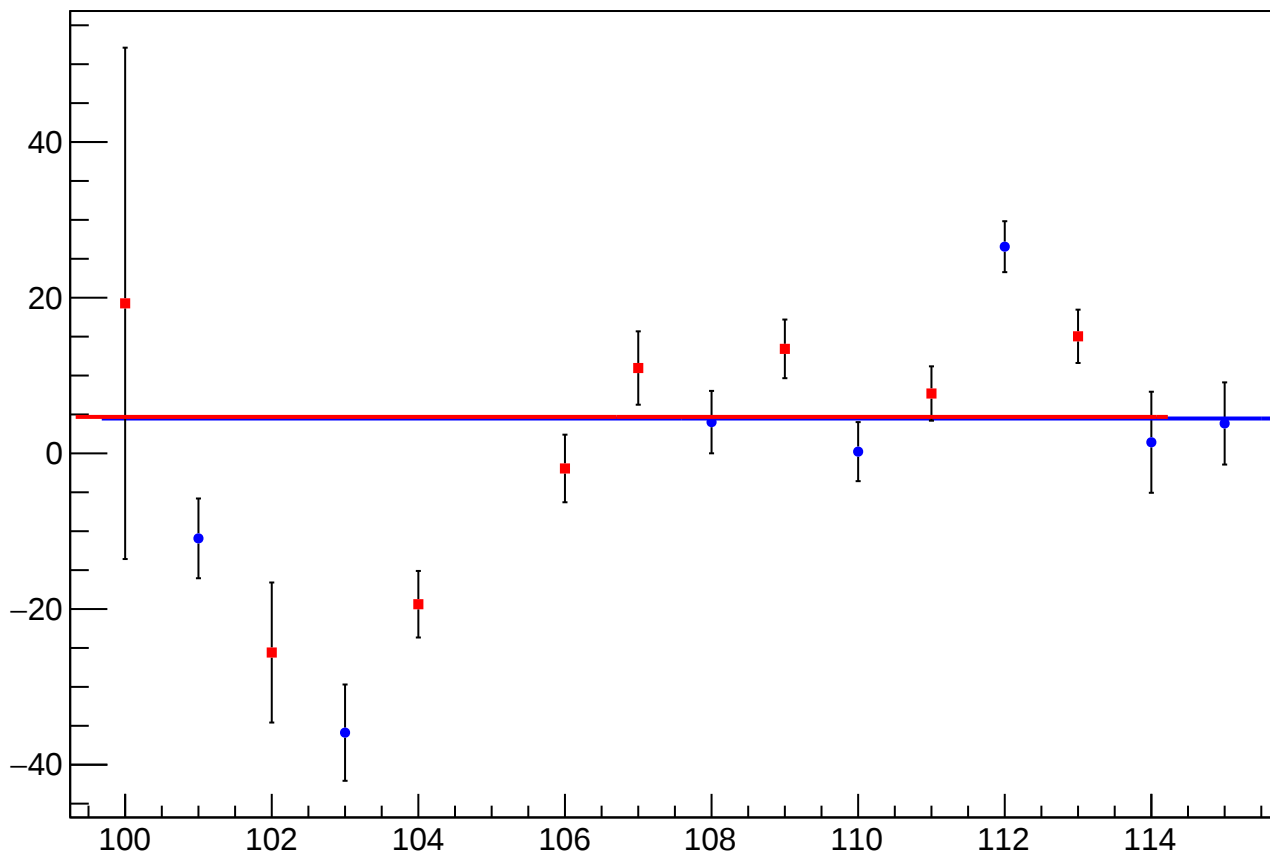
Right: -12.817+/-1.496 χ^2 /NDF: 734.6/14

In: -5.582+/-2.218 χ^2 /NDF:306.5/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -12.817+/-1.496 χ^2 /NDF: 734.6/14

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.479+/-1.693 χ^2/NDF : 98.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.685+/-1.574 χ^2/NDF : 62.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

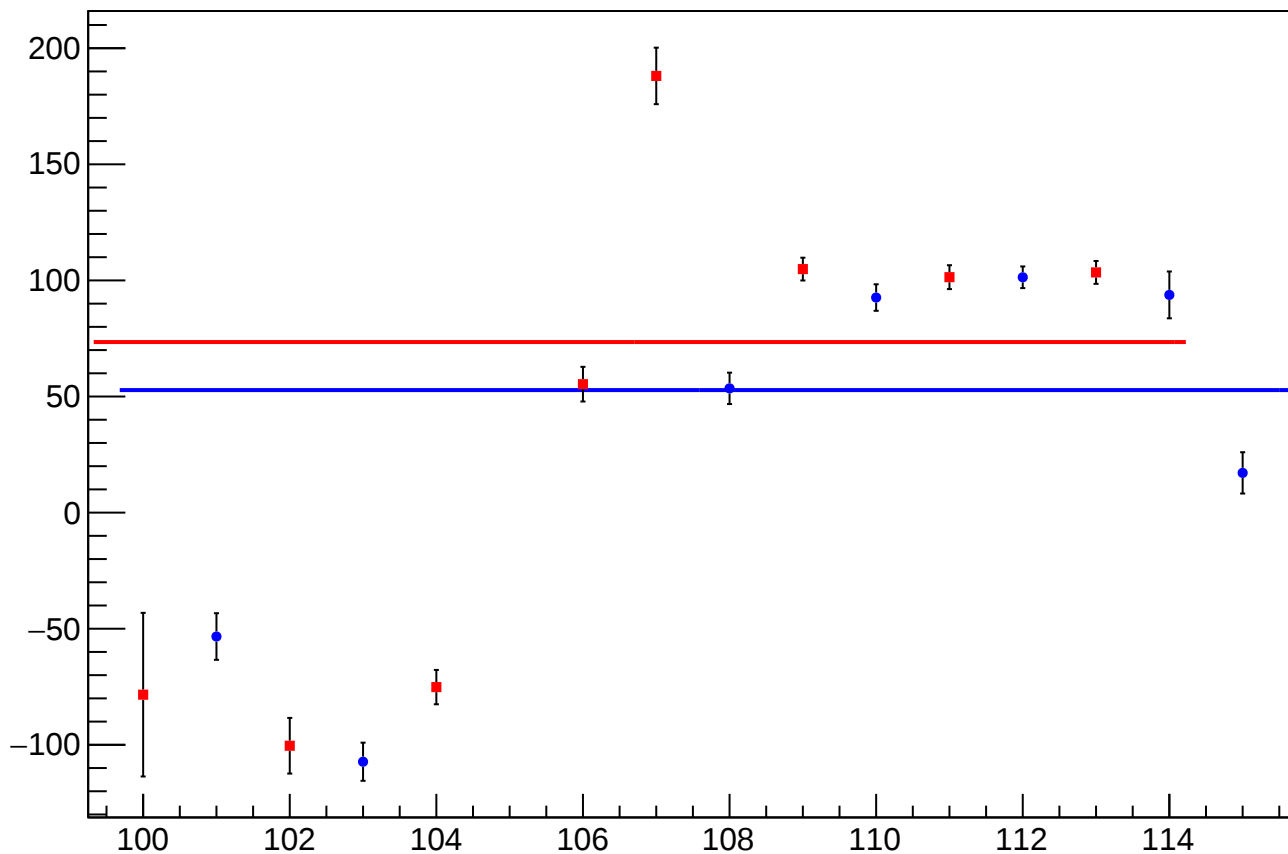
Right: 4.590+/-1.153 χ^2/NDF : 161.2/14

In: 4.479+/-1.693 χ^2/NDF : 98.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.590+/-1.153 χ^2/NDF : 161.2/14

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 52.769+/-2.619 χ^2/NDF : 681.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.460+/-2.416 χ^2/NDF : 834.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

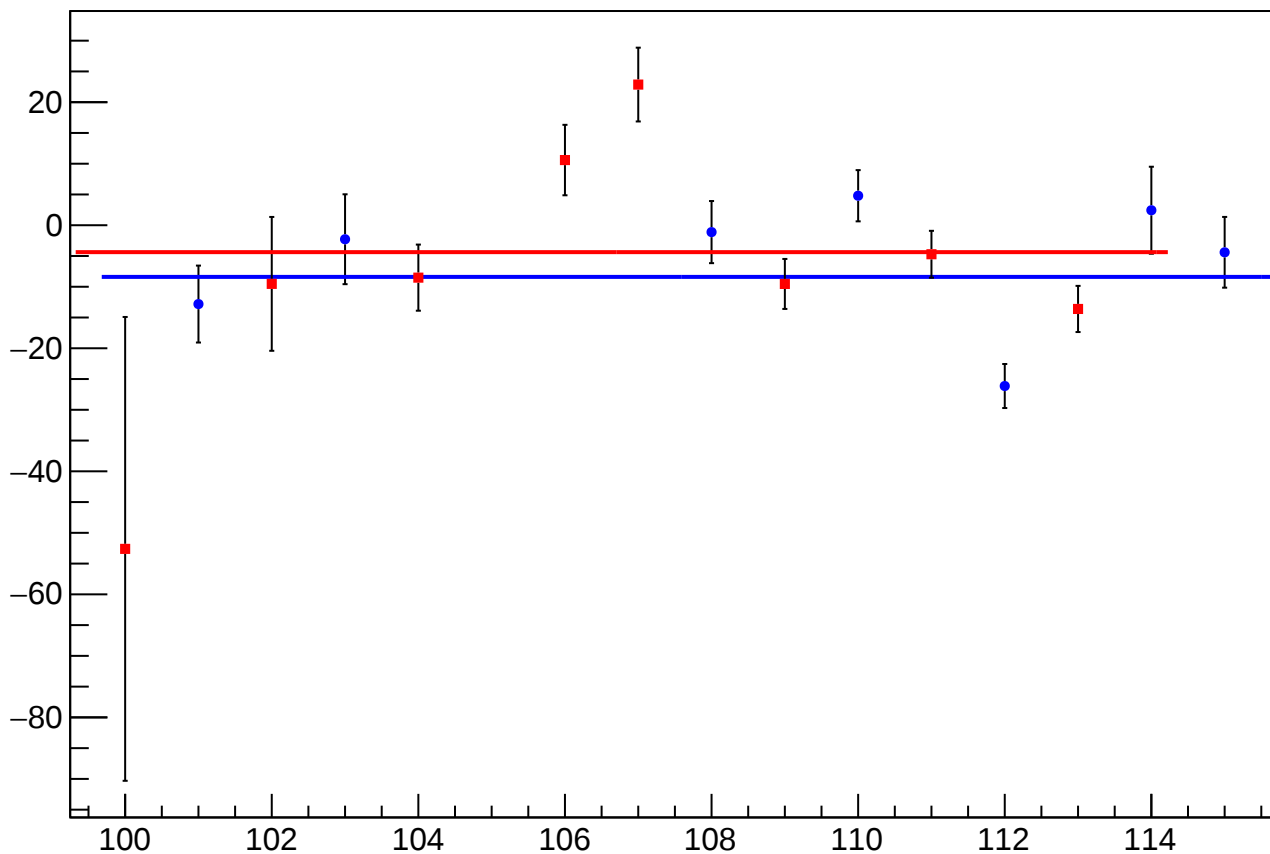
Right: 63.947+/-1.776 χ^2/NDF : 1550.1/14

In: 52.769+/-2.619 χ^2/NDF : 681.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.947+/-1.776 χ^2/NDF : 1550.1/14

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -8.397+/-1.926 χ^2/NDF : 40.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.375+/-1.818 χ^2/NDF : 37.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

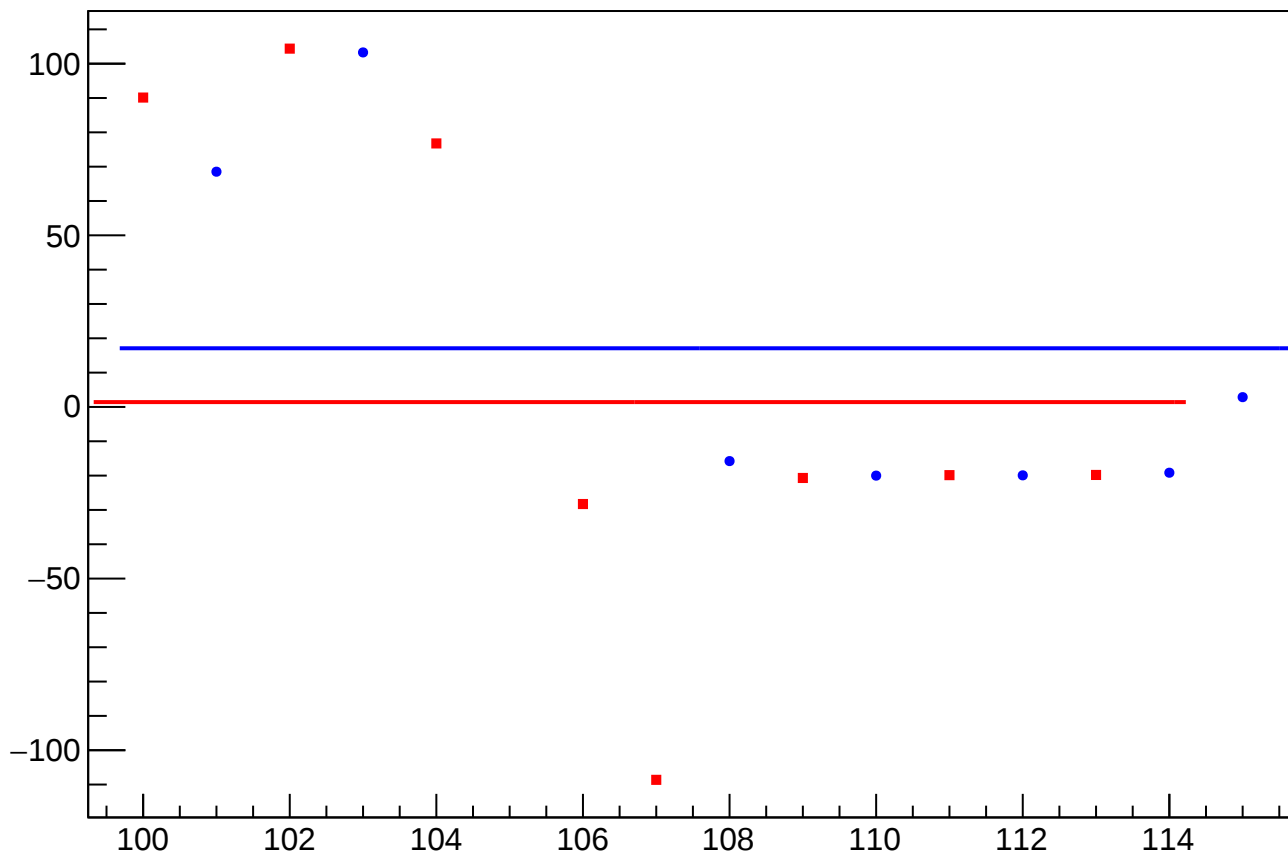
Right: -6.270+/-1.322 χ^2/NDF : 80.6/14

In: -8.397+/-1.926 χ^2/NDF : 40.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.270+/-1.322 χ^2/NDF : 80.6/14

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 17.095+/-0.089 χ^2/NDF : 340053.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.414+/-0.084 χ^2/NDF : 509363.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

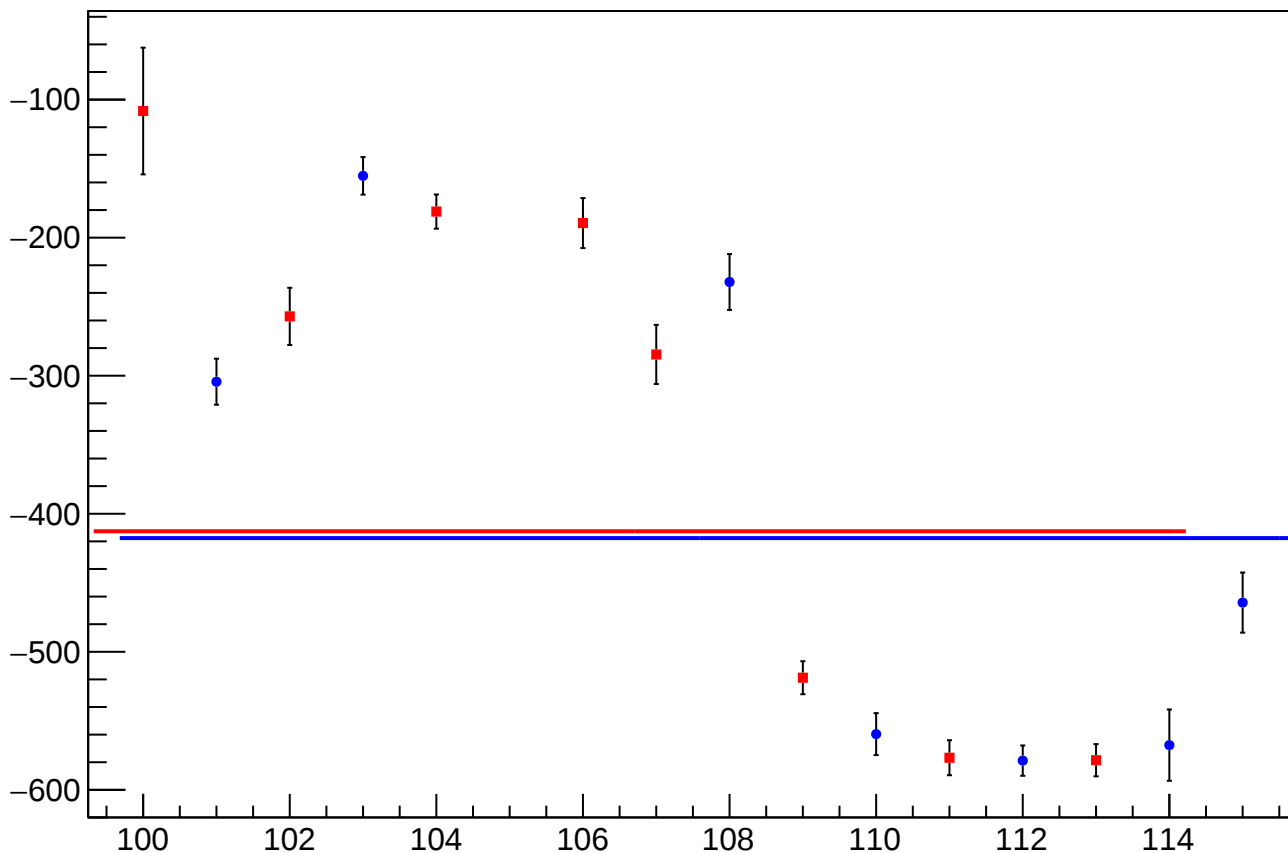
Right: 8.755+/-0.061 χ^2/NDF : 865846.3/14

In: 17.095+/-0.089 χ^2/NDF : 340053.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.755+/-0.061 χ^2/NDF : 865846.3/14

reg_asym_at2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -417.633+/-6.011 χ^2 /NDF: 843.3/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -412.689+/-5.336 χ^2 /NDF: 1086.5/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

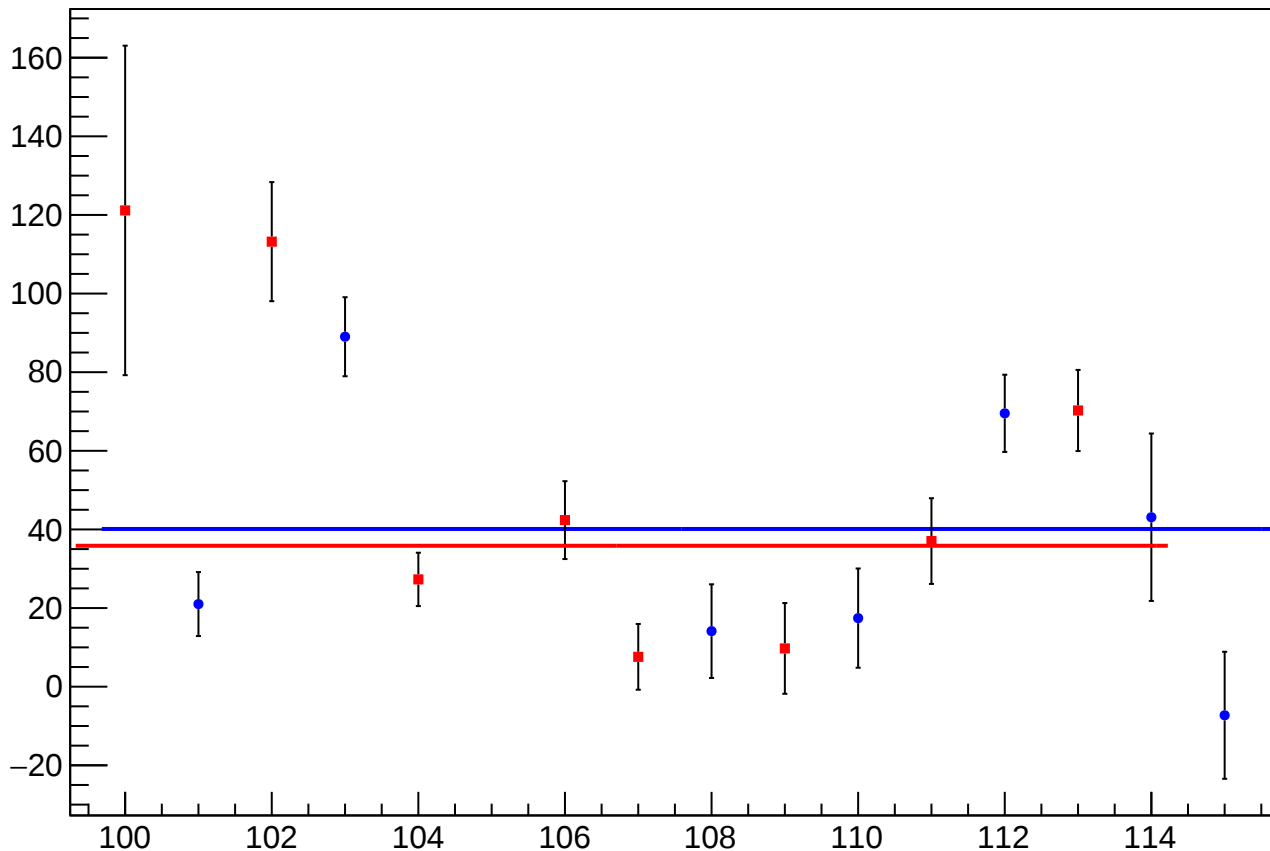
Right: -414.868+/-3.990 χ^2 /NDF: 1930.2/14

In: -417.633+/-6.011 χ^2 /NDF:843.3/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -414.868+/-3.990 χ^2 /NDF: 1930.2/14

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 40.120+/-4.275 χ^2/NDF : 54.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.848+/-3.617 χ^2/NDF : 59.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

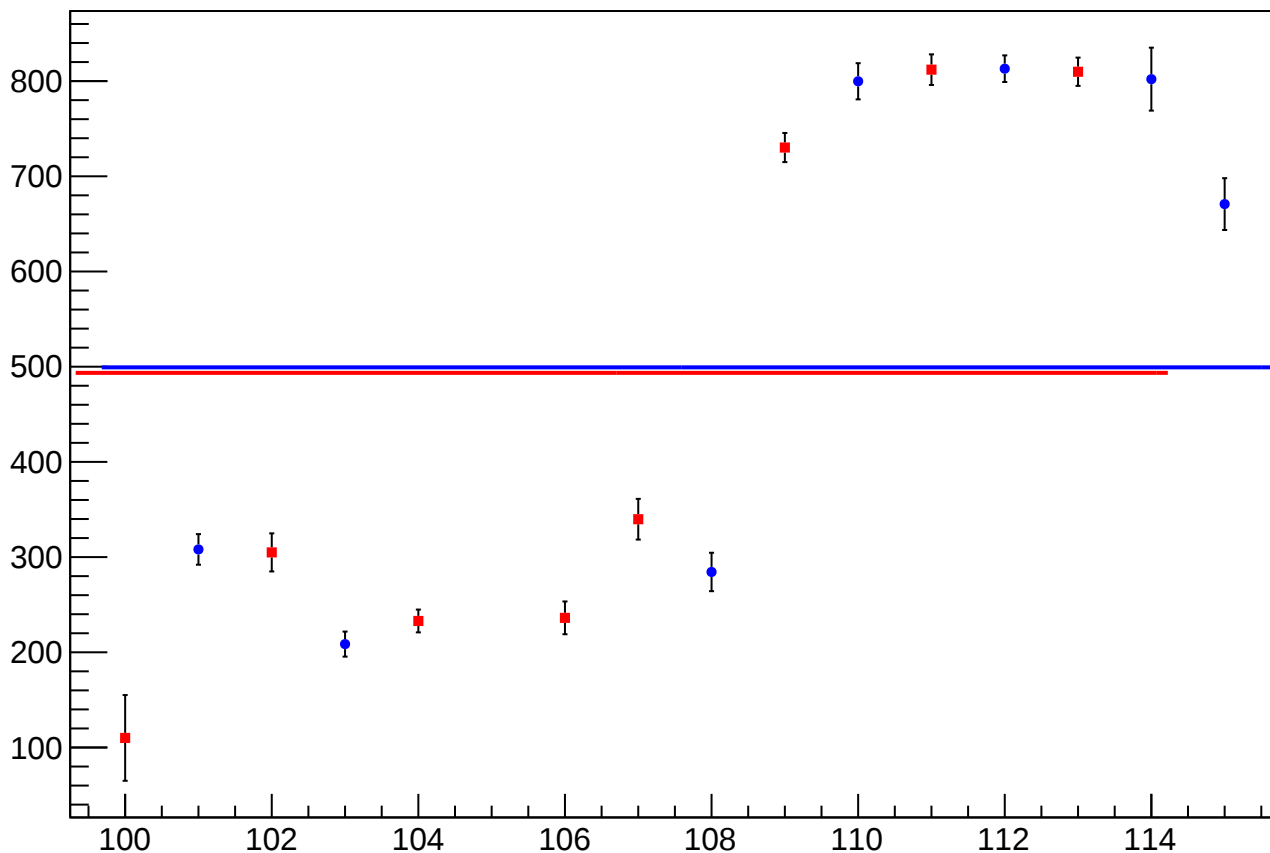
Right: 37.630+/-2.761 χ^2/NDF : 115.3/14

In: 40.120+/-4.275 χ^2/NDF : 54.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.630+/-2.761 χ^2/NDF : 115.3/14

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 499.319+/-6.704 χ^2/NDF : 1620.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 493.531+/-5.955 χ^2/NDF : 1995.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

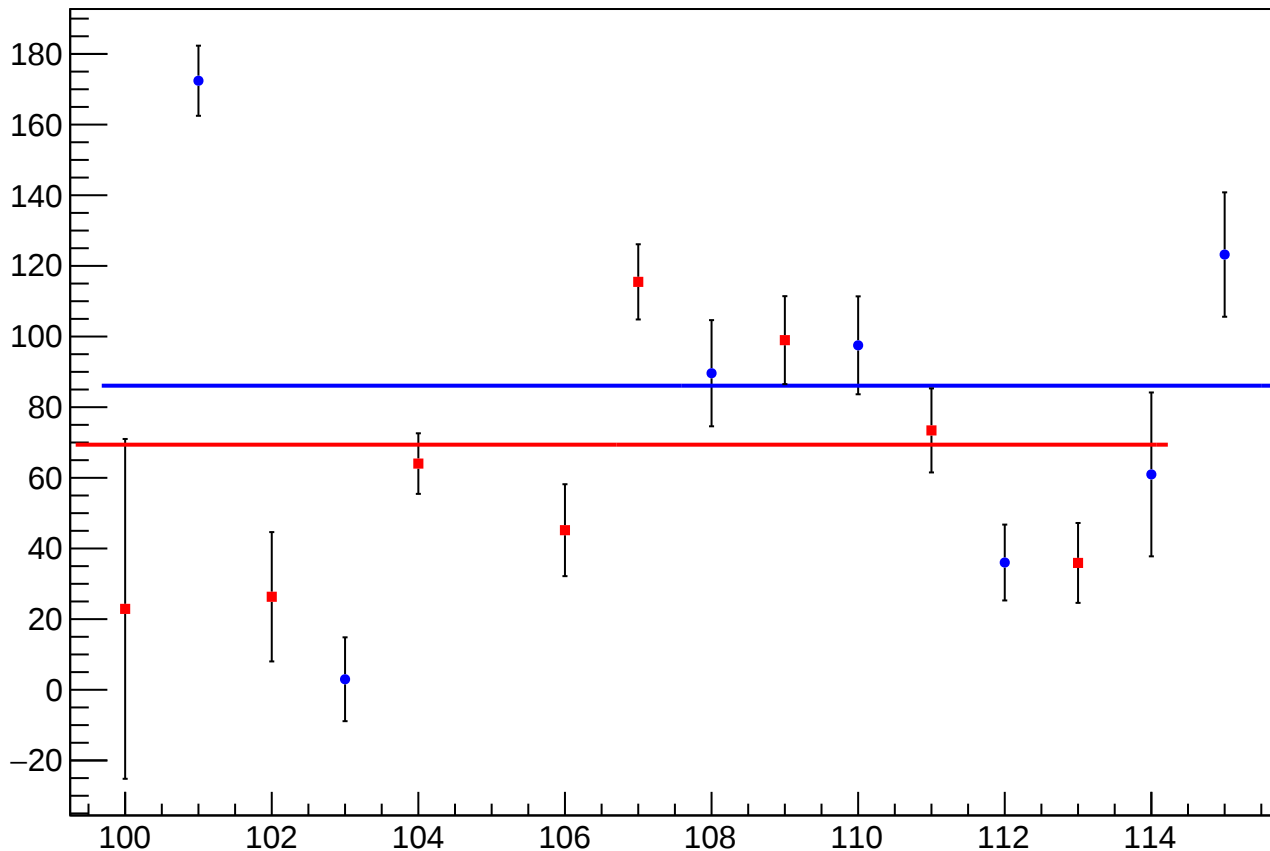
Right: 496.084+/-4.452 χ^2/NDF : 3616.2/14

In: 499.319+/-6.704 χ^2/NDF : 1620.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 496.084+/-4.452 χ^2/NDF : 3616.2/14

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 86.087 $\pm$ 4.961 χ^2 /NDF: 152.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 69.388 $\pm$ 4.340 χ^2 /NDF: 43.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

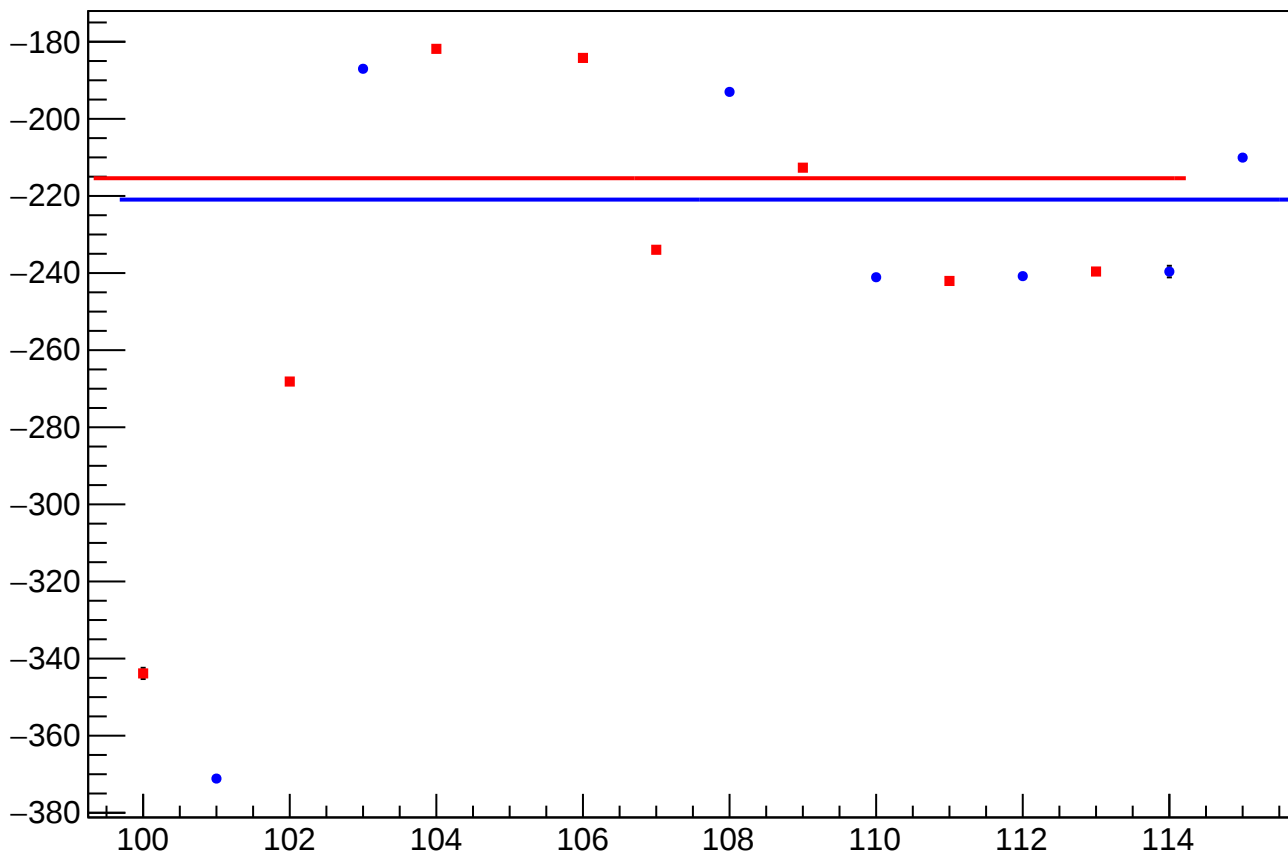
Right: 76.628 $\pm$ 3.266 χ^2 /NDF: 202.8/14

In: 86.087 $\pm$ 4.961 χ^2 /NDF:152.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 76.628 $\pm$ 3.266 χ^2 /NDF: 202.8/14

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -220.945+/-0.205 χ^2/NDF : 85900.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -215.404+/-0.182 χ^2/NDF : 40280.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

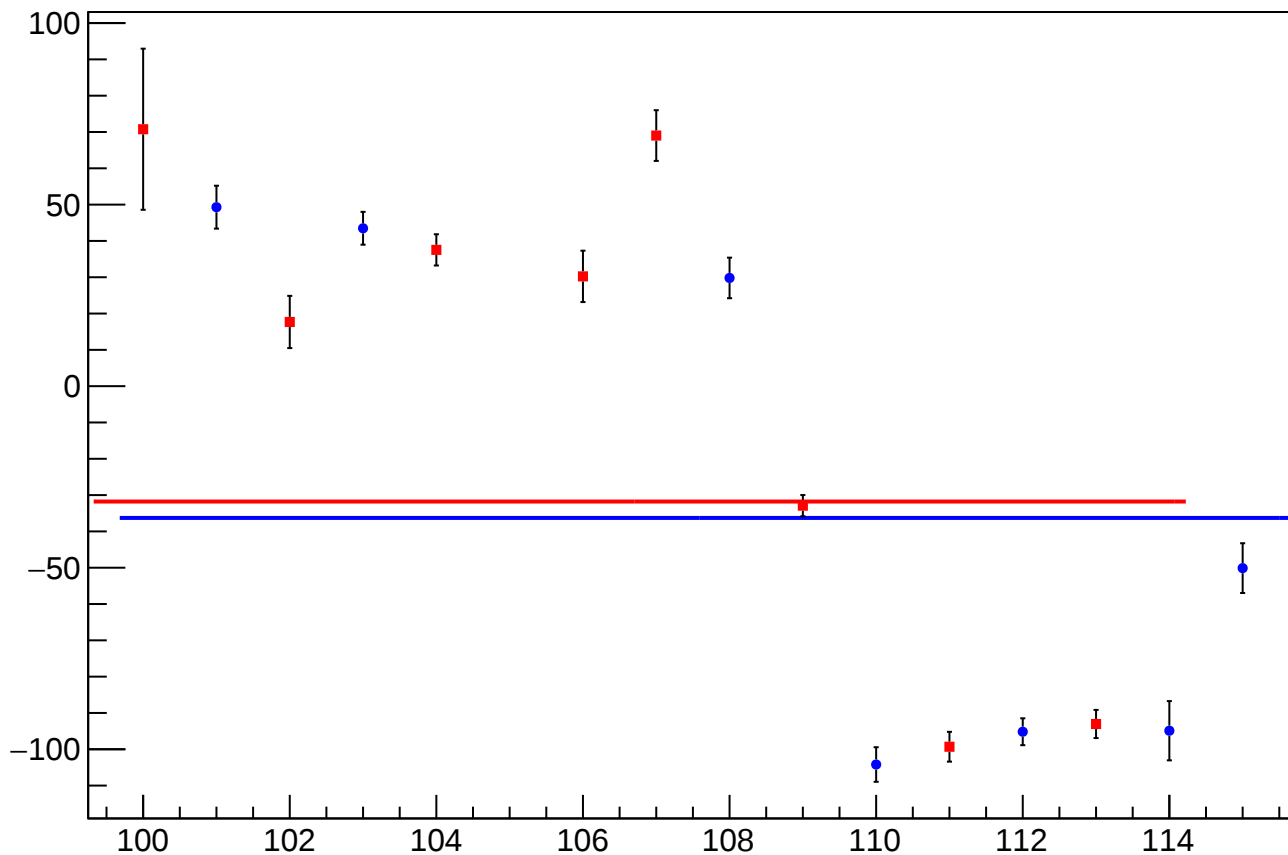
Right: -217.852+/-0.136 χ^2/NDF : 126589.2/14

In: -220.945+/-0.205 χ^2/NDF : 85900.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -217.852+/-0.136 χ^2/NDF : 126589.2/14

reg_asym_at2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -36.288+/-1.950 χ^2/NDF : 1173.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.773+/-1.670 χ^2/NDF : 1133.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

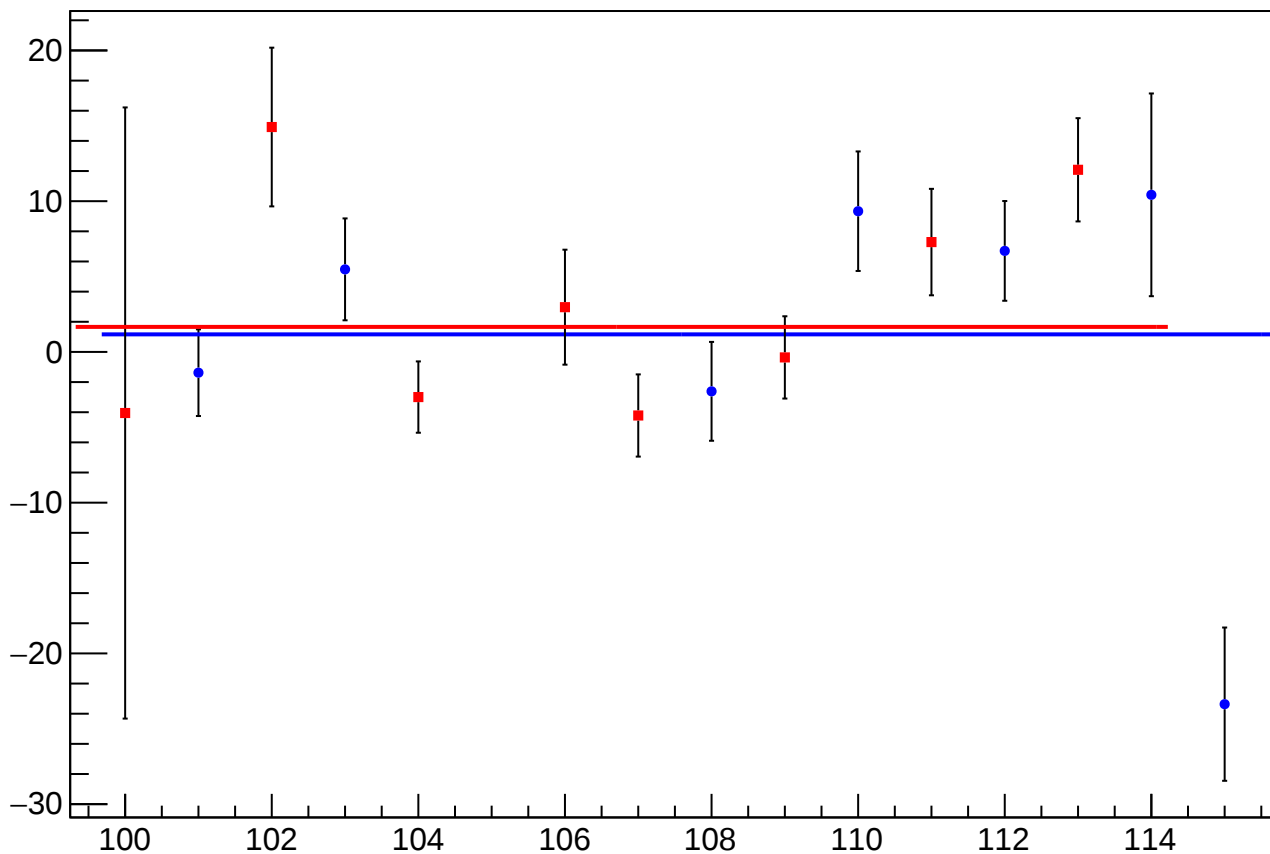
Right: -33.683+/-1.268 χ^2/NDF : 2309.9/14

In: -36.288+/-1.950 χ^2/NDF : 1173.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.683+/-1.268 χ^2/NDF : 2309.9/14

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.165+/-1.390 χ^2/NDF : 36.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.661+/-1.178 χ^2/NDF : 27.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

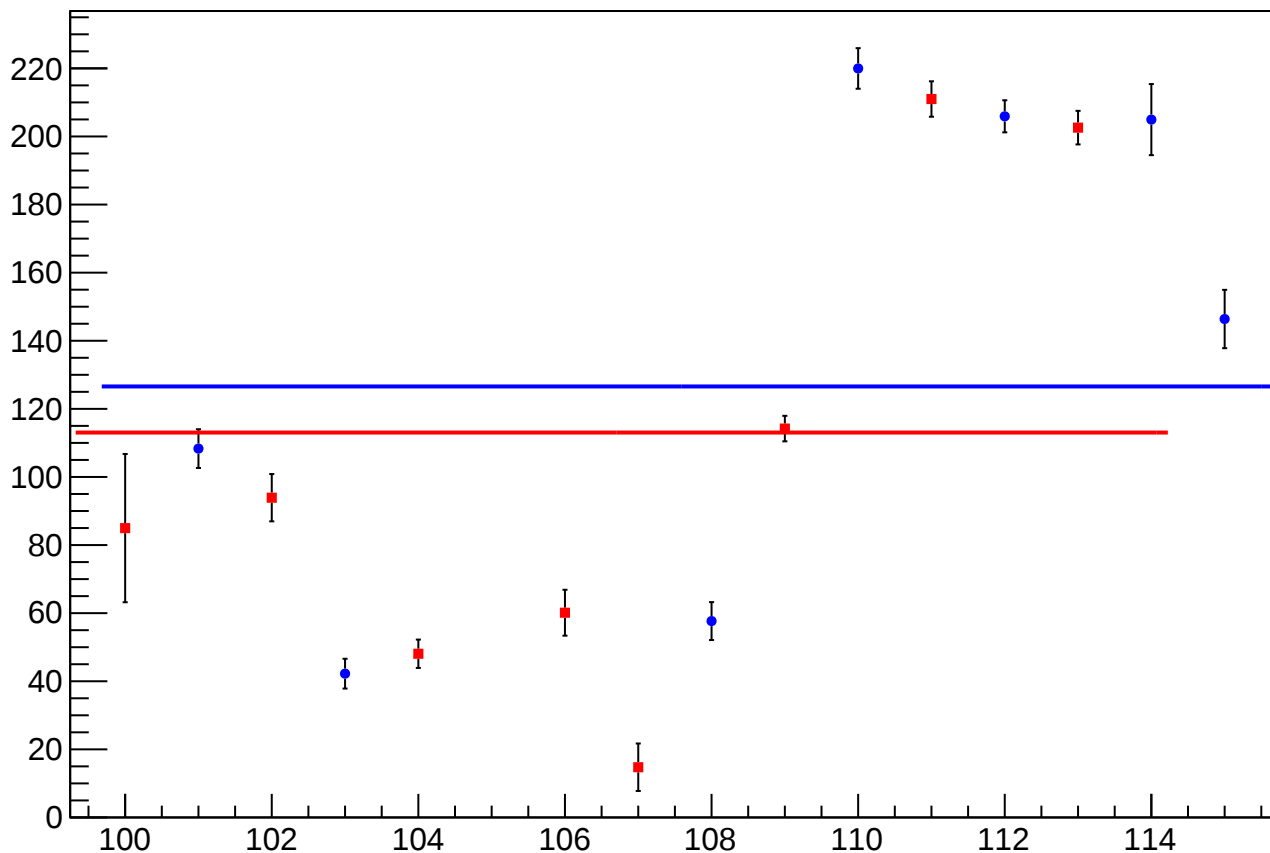
Right: 1.453+/-0.899 χ^2/NDF : 63.4/14

In: 1.165+/-1.390 χ^2/NDF : 36.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.453+/-0.899 χ^2/NDF : 63.4/14

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 126.580+/-2.175 χ^2/NDF : 1126.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.044+/-1.916 χ^2/NDF : 1197.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

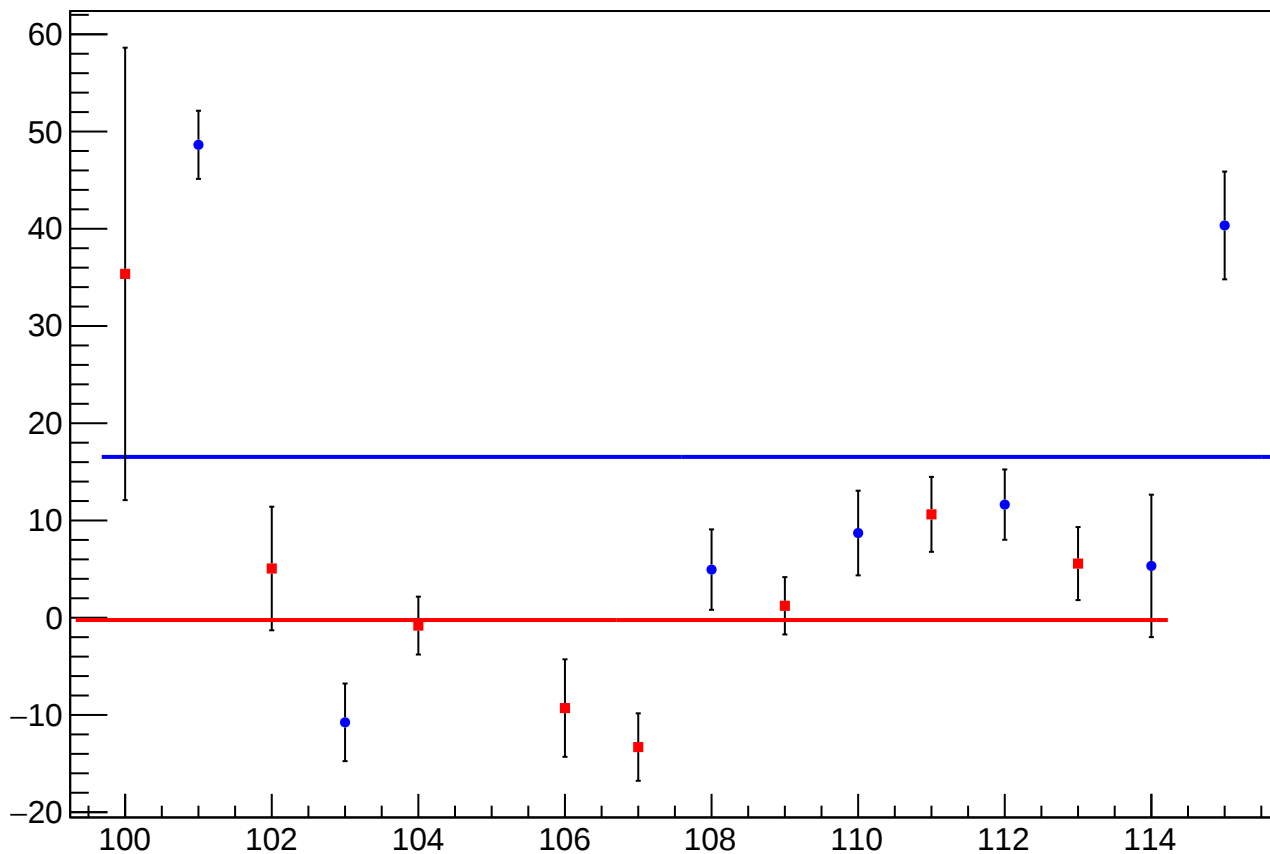
Right: 118.958+/-1.438 χ^2/NDF : 2345.0/14

In: 126.580+/-2.175 χ^2/NDF : 1126.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.958+/-1.438 χ^2/NDF : 2345.0/14

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.538 $\pm$ 1.616 χ^2 /NDF: 164.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.238 $\pm$ 1.392 χ^2 /NDF: 31.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

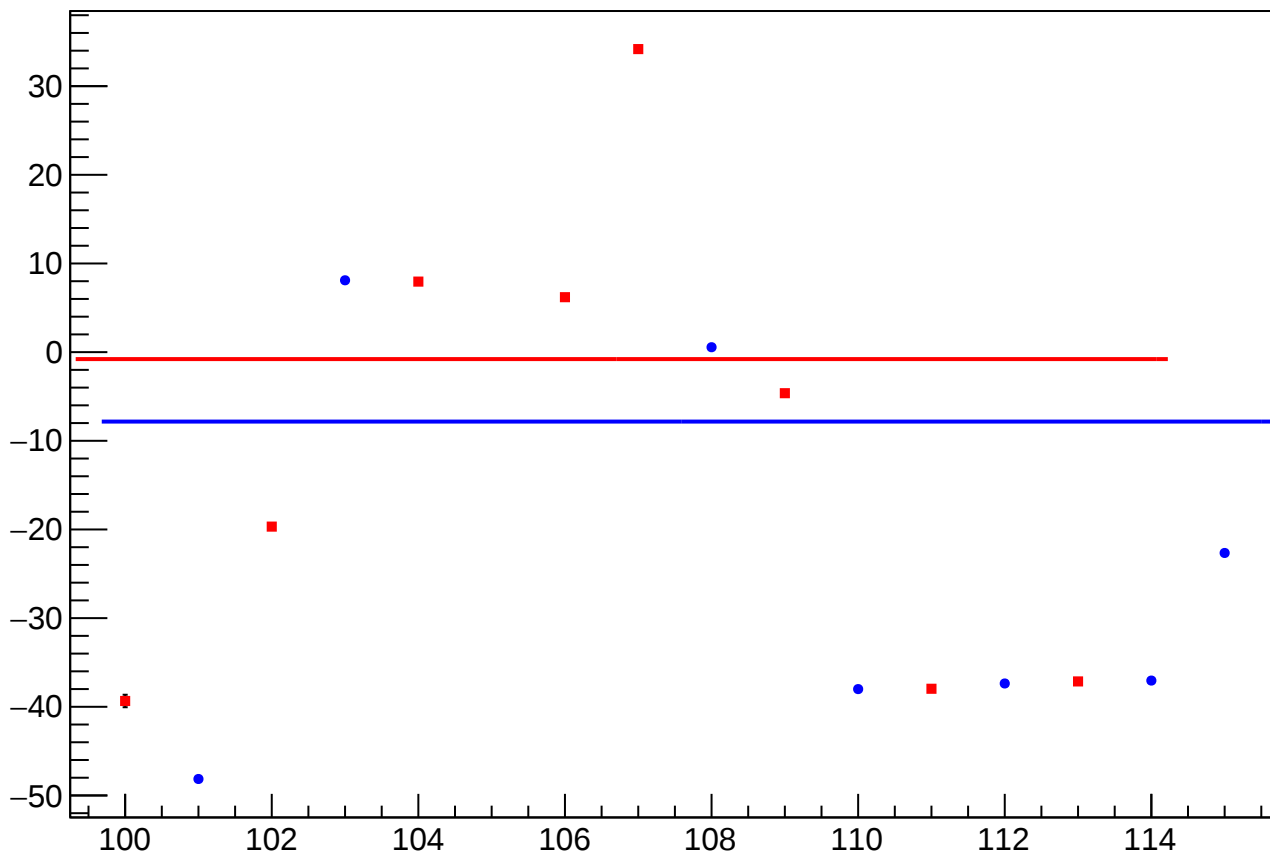
Right: 6.913 $\pm$ 1.055 χ^2 /NDF: 257.4/14

In: 16.538 $\pm$ 1.616 χ^2 /NDF: 164.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.913 $\pm$ 1.055 χ^2 /NDF: 257.4/14

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -7.831+/-0.065 χ^2/NDF : 103778.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.784+/-0.061 χ^2/NDF : 123100.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

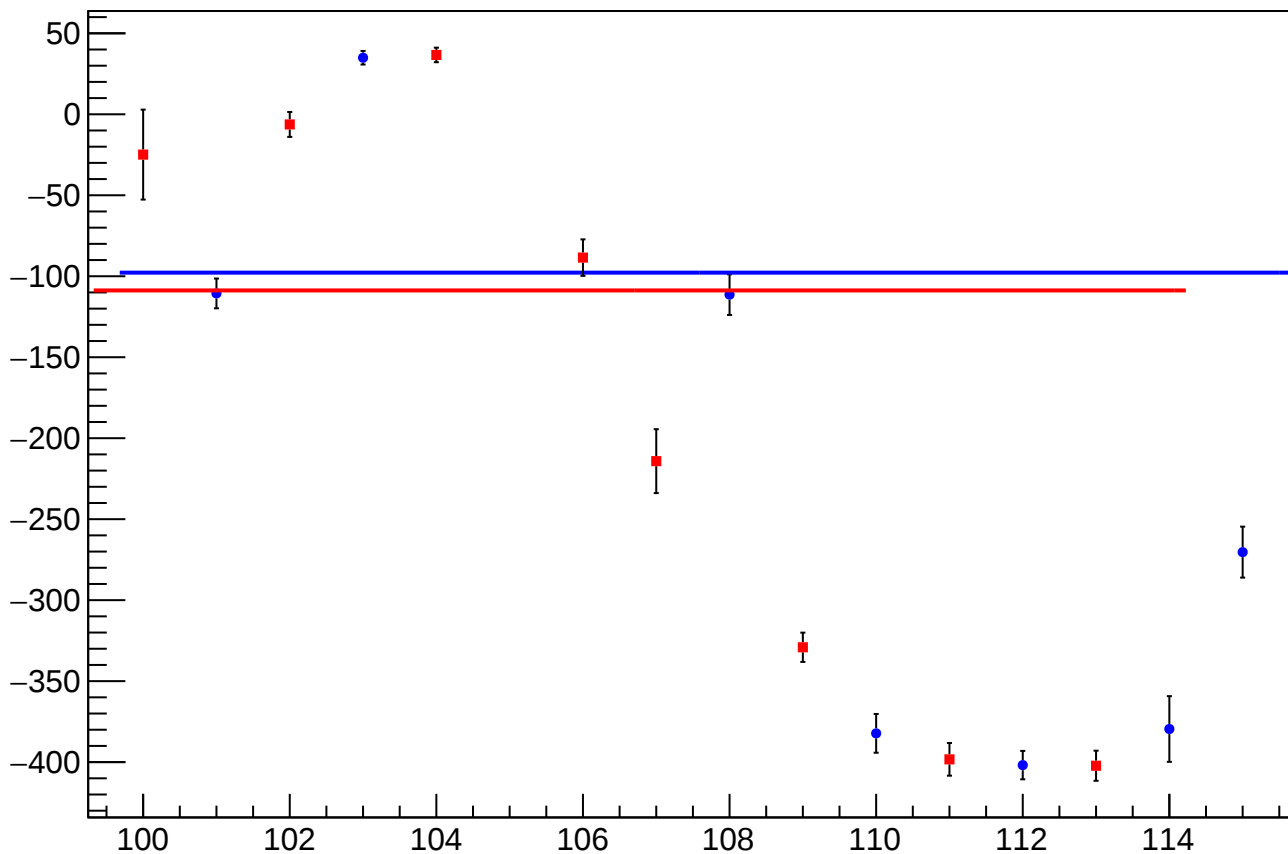
Right: -4.048+/-0.045 χ^2/NDF : 233111.4/14

In: -7.831+/-0.065 χ^2/NDF : 103778.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.048+/-0.045 χ^2/NDF : 233111.4/14

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -97.774+/-3.137 χ^2/NDF : 3088.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -108.761+/-2.990 χ^2/NDF : 3682.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

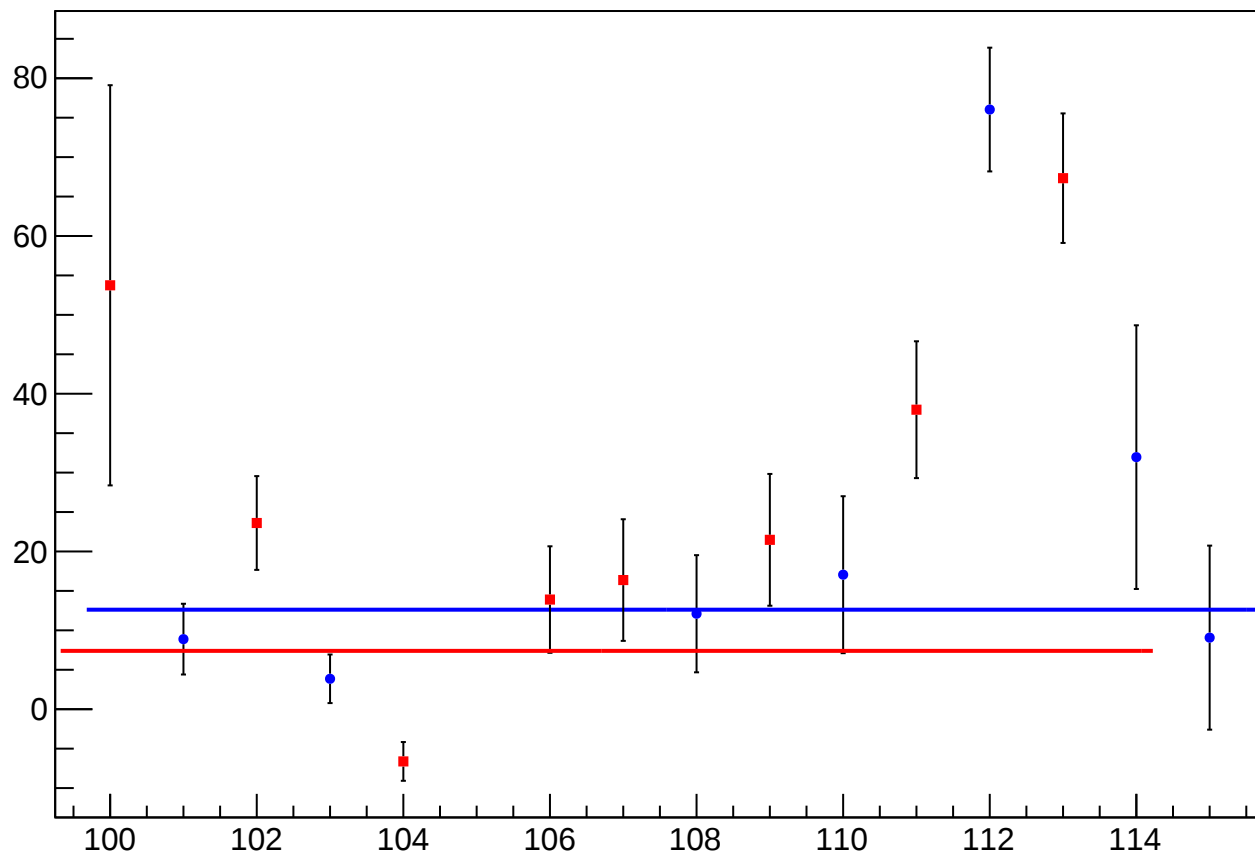
Right: -103.531+/-2.164 χ^2/NDF : 6777.0/14

In: -97.774+/-3.137 χ^2/NDF : 3088.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -103.531+/-2.164 χ^2/NDF : 6777.0/14

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.618+/-2.180 χ^2/NDF : 75.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.397+/-1.901 χ^2/NDF : 114.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

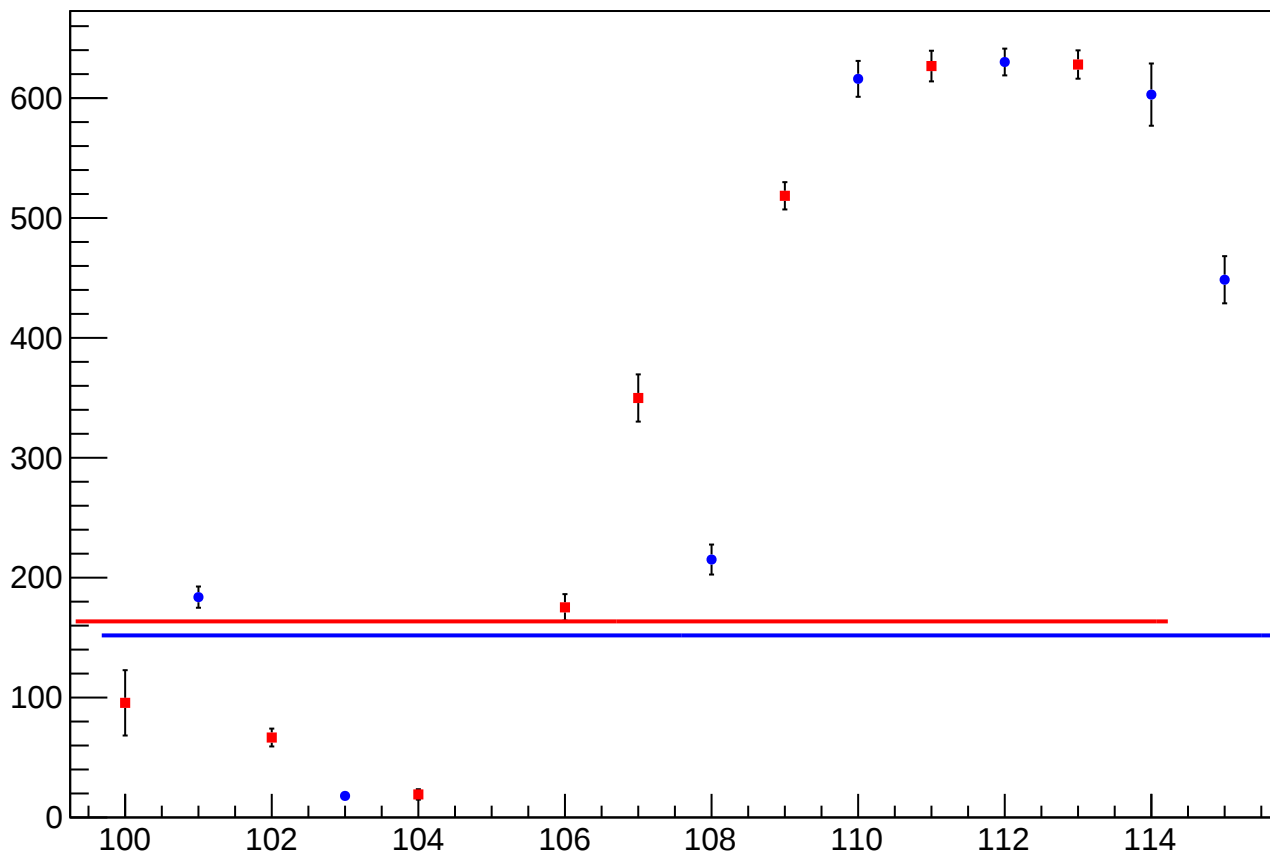
Right: 9.653+/-1.433 χ^2/NDF : 193.1/14

In: 12.618+/-2.180 χ^2/NDF : 75.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.653+/-1.433 χ^2/NDF : 193.1/14

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 151.837+/-3.217 χ^2/NDF : 4456.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 163.525+/-3.099 χ^2/NDF : 5197.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

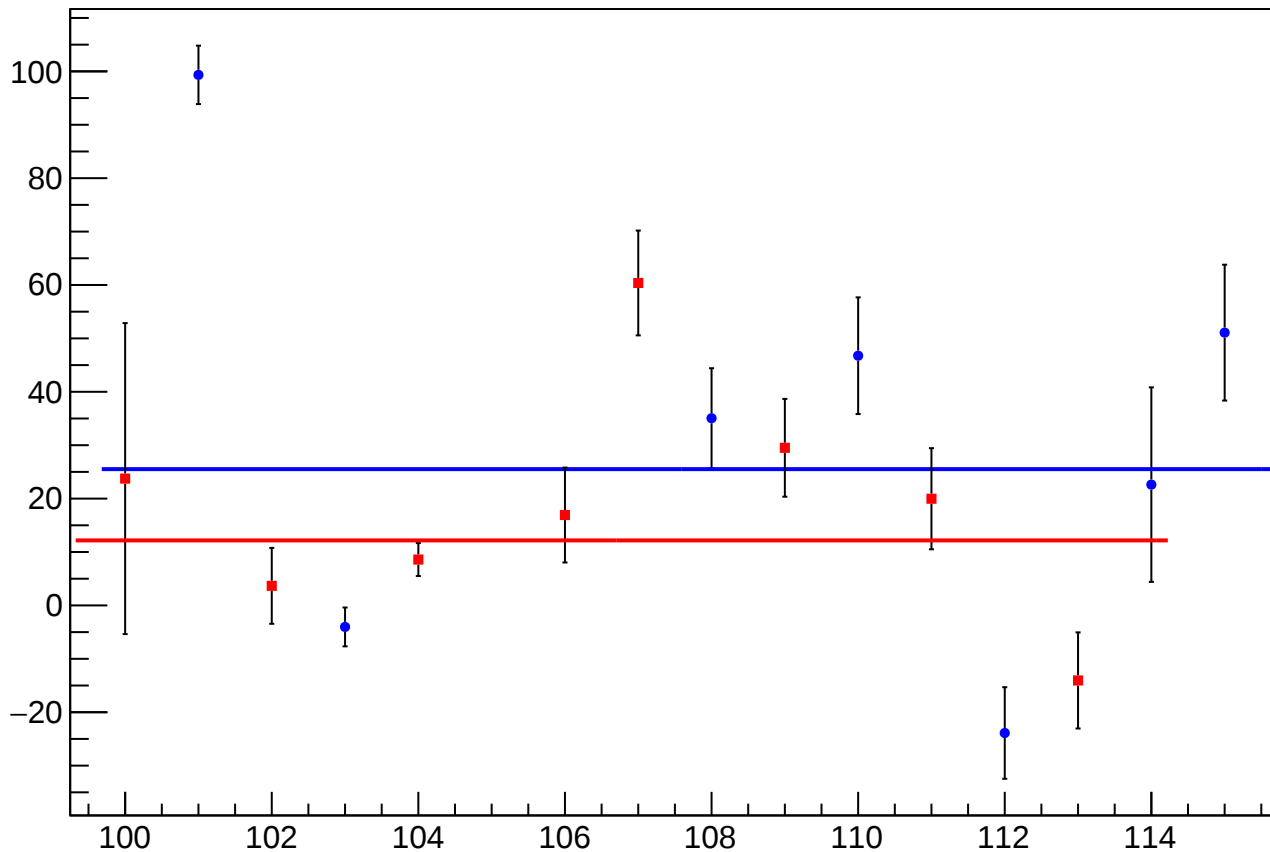
Right: 157.899+/-2.232 χ^2/NDF : 9661.6/14

In: 151.837+/-3.217 χ^2/NDF :4456.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 157.899+/-2.232 χ^2/NDF : 9661.6/14

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 25.518 $\pm$ 2.569 χ^2 /NDF: 290.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 12.172 $\pm$ 2.328 χ^2 /NDF: 40.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

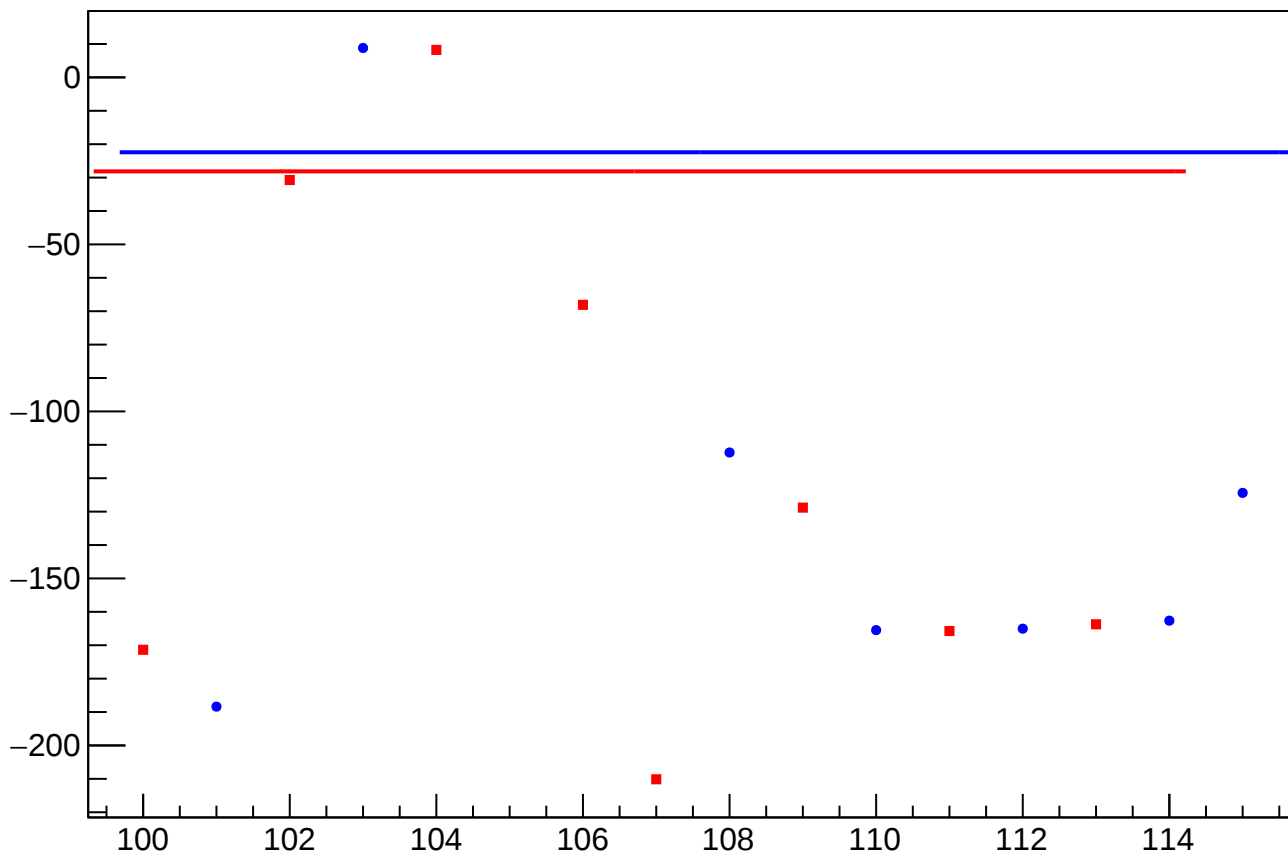
Right: 18.192 $\pm$ 1.725 χ^2 /NDF: 345.2/14

In: 25.518 $\pm$ 2.569 χ^2 /NDF: 290.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.192 $\pm$ 1.725 χ^2 /NDF: 345.2/14

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -22.421+/-0.081 χ^2/NDF : 631940.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -28.131+/-0.082 χ^2/NDF : 488757.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

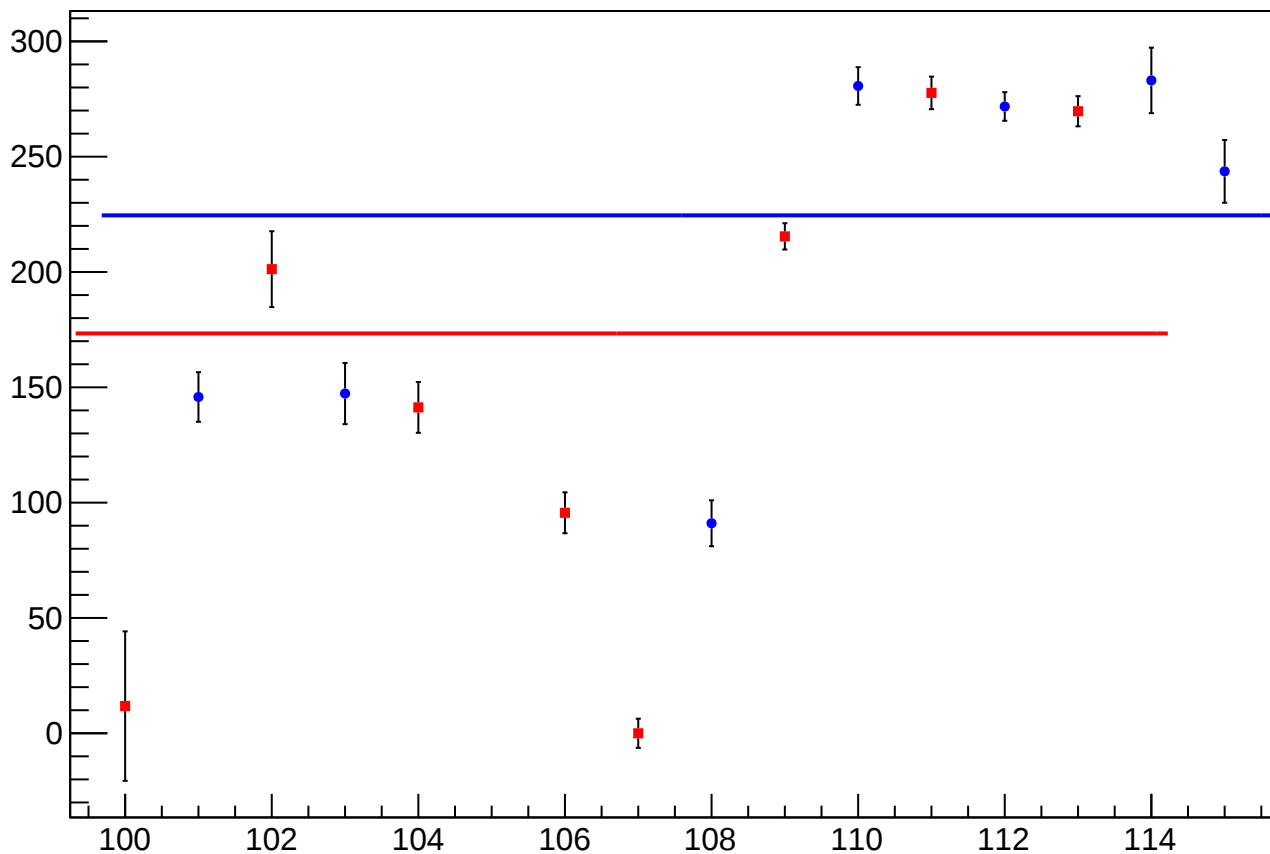
Right: -25.241+/-0.058 χ^2/NDF : 1123132.6/14

In: -22.421+/-0.081 χ^2/NDF :631940.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -25.241+/-0.058 χ^2/NDF : 1123132.6/14

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 224.562 $\pm$ 3.629 χ^2 /NDF: 392.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 173.358 $\pm$ 2.832 χ^2 /NDF: 1352.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

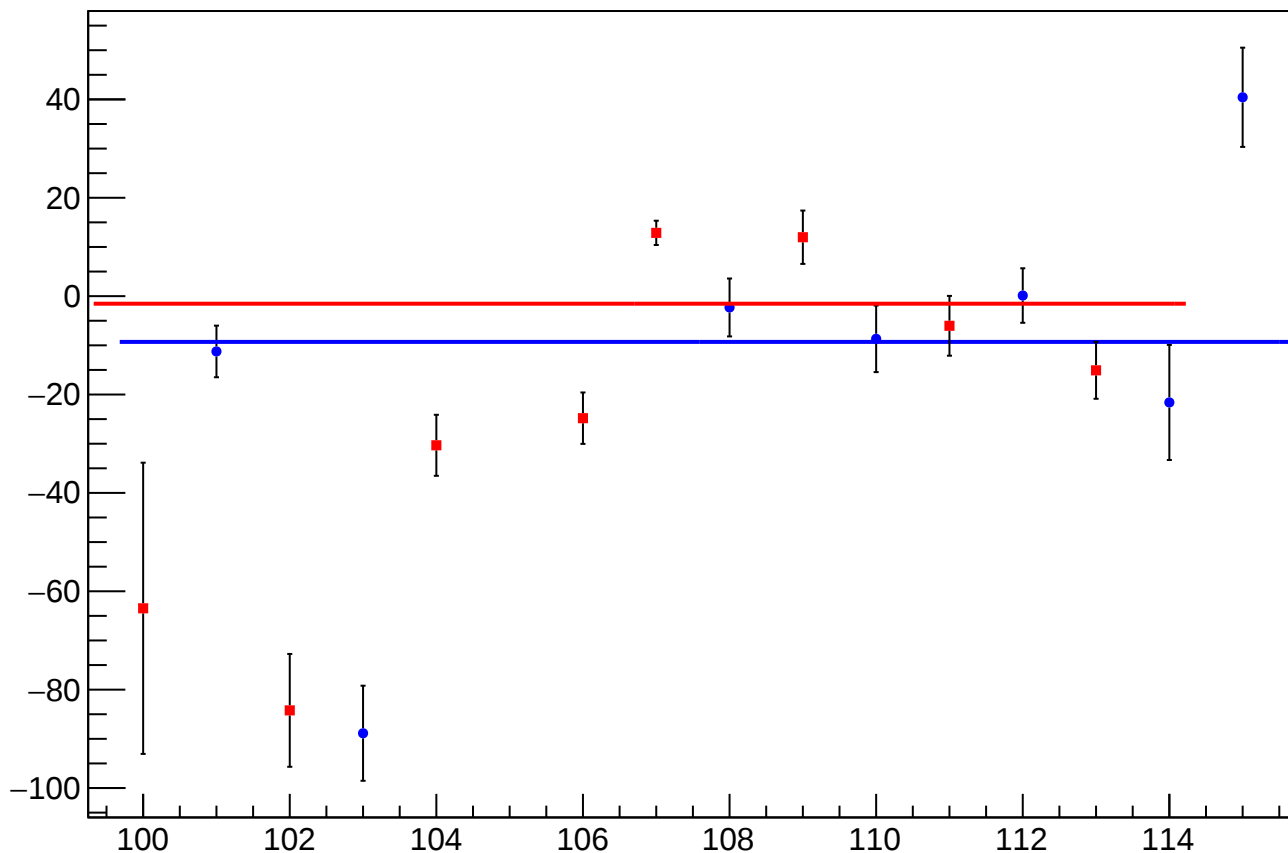
Right: 192.735 $\pm$ 2.233 χ^2 /NDF: 1868.3/14

In: 224.562 $\pm$ 3.629 χ^2 /NDF:392.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 192.735 $\pm$ 2.233 χ^2 /NDF: 1868.3/14

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -9.301+/-2.604 χ^2/NDF : 97.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.536+/-1.750 χ^2/NDF : 144.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

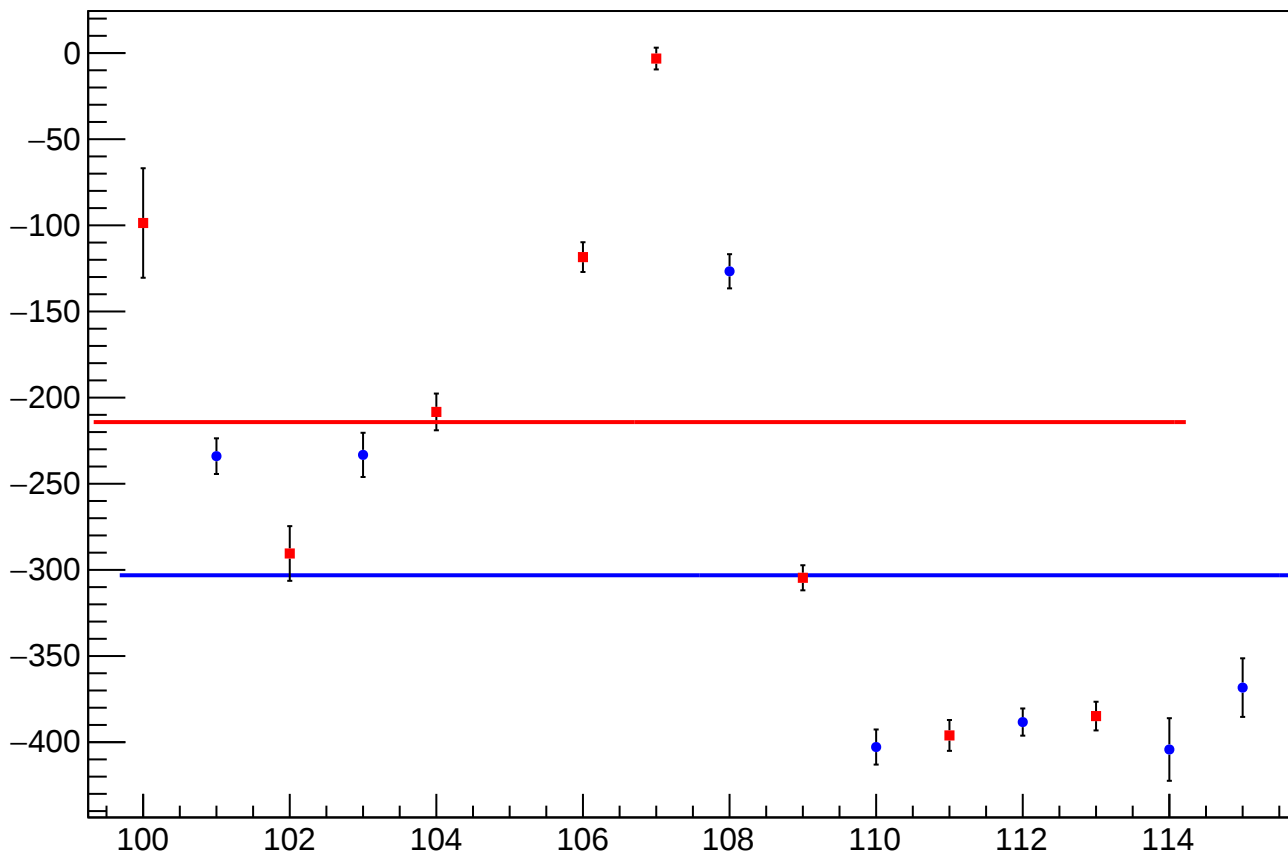
Right: -3.951+/-1.452 χ^2/NDF : 247.7/14

In: -9.301+/-2.604 χ^2/NDF : 97.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.951+/-1.452 χ^2/NDF : 247.7/14

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -303.120 ± 4.162 χ^2/NDF : 648.3/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -214.208 ± 3.194 χ^2/NDF : 2262.6/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

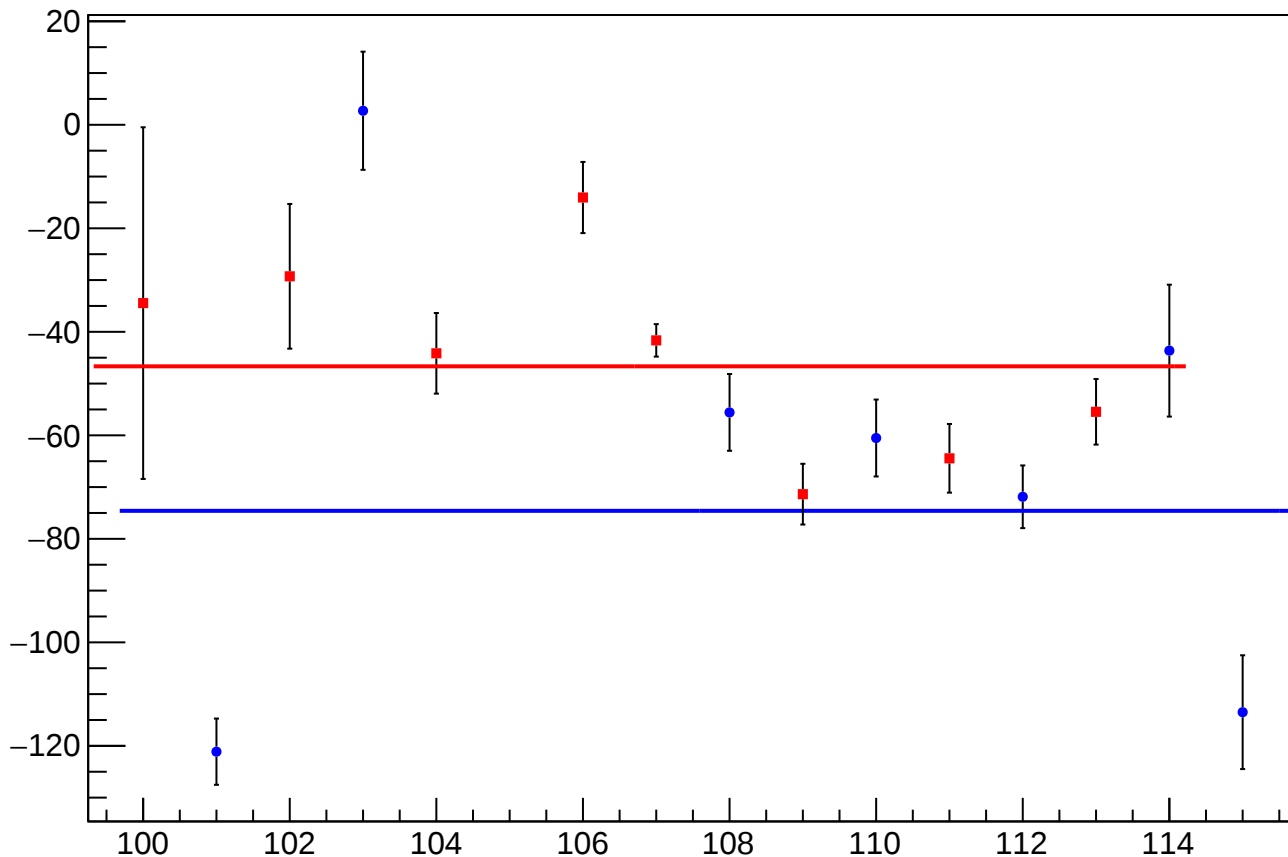
Right: -247.169 ± 2.534 χ^2/NDF : 3198.1/14

In: -303.120 ± 4.162 χ^2/NDF : 648.3/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -247.169 ± 2.534 χ^2/NDF : 3198.1/14

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -74.587 ± 3.014 χ^2/NDF : 127.5/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -46.666 ± 2.123 χ^2/NDF : 53.7/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

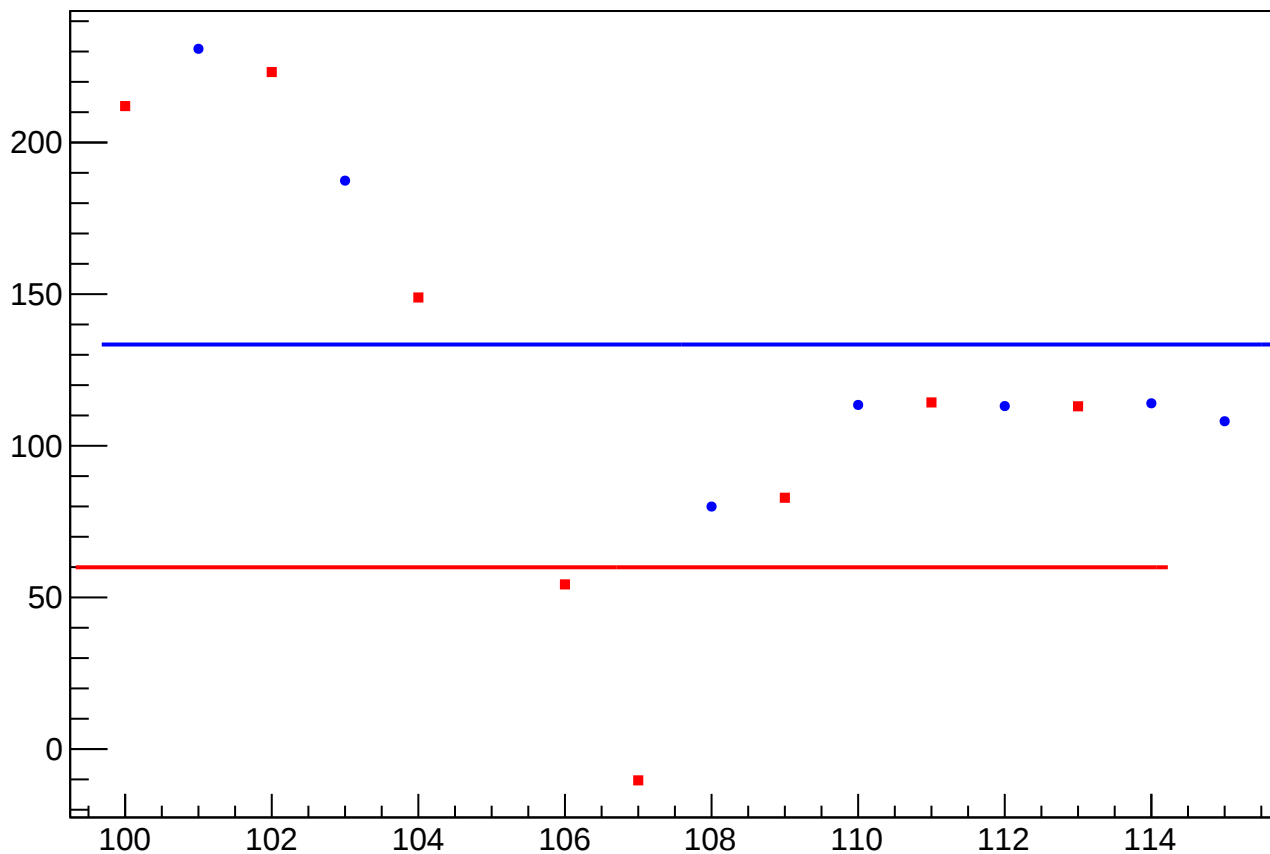
Right: -55.926 ± 1.736 χ^2/NDF : 238.5/14

In: -74.587 ± 3.014 χ^2/NDF : 127.5/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -55.926 ± 1.736 χ^2/NDF : 238.5/14

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 133.398+/-0.136 χ^2/NDF : 166288.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.943+/-0.095 χ^2/NDF : 596850.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

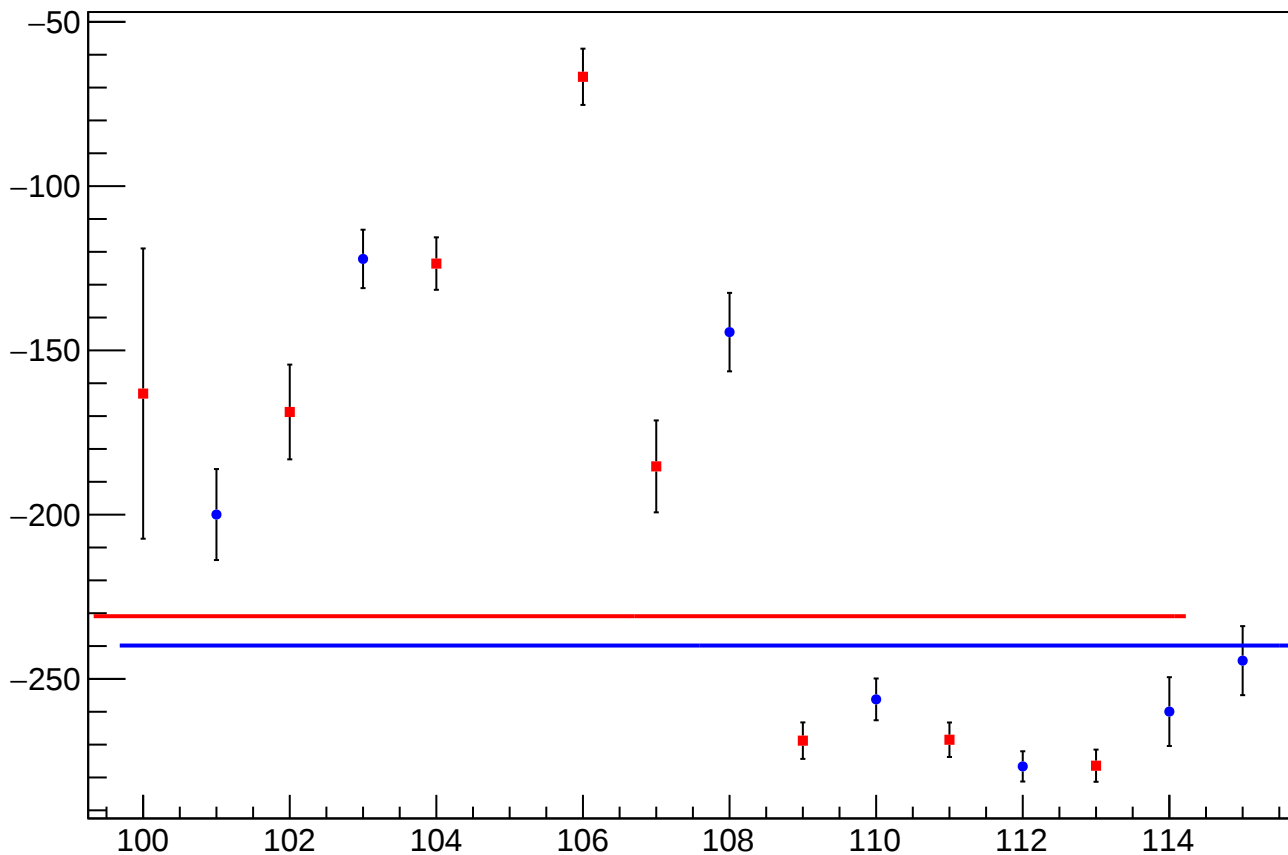
Right: 83.880+/-0.078 χ^2/NDF : 958501.0/14

In: 133.398+/-0.136 χ^2/NDF : 166288.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.880+/-0.078 χ^2/NDF : 958501.0/14

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -239.840+/-2.949 χ^2/NDF : 321.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -230.910+/-2.581 χ^2/NDF : 764.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

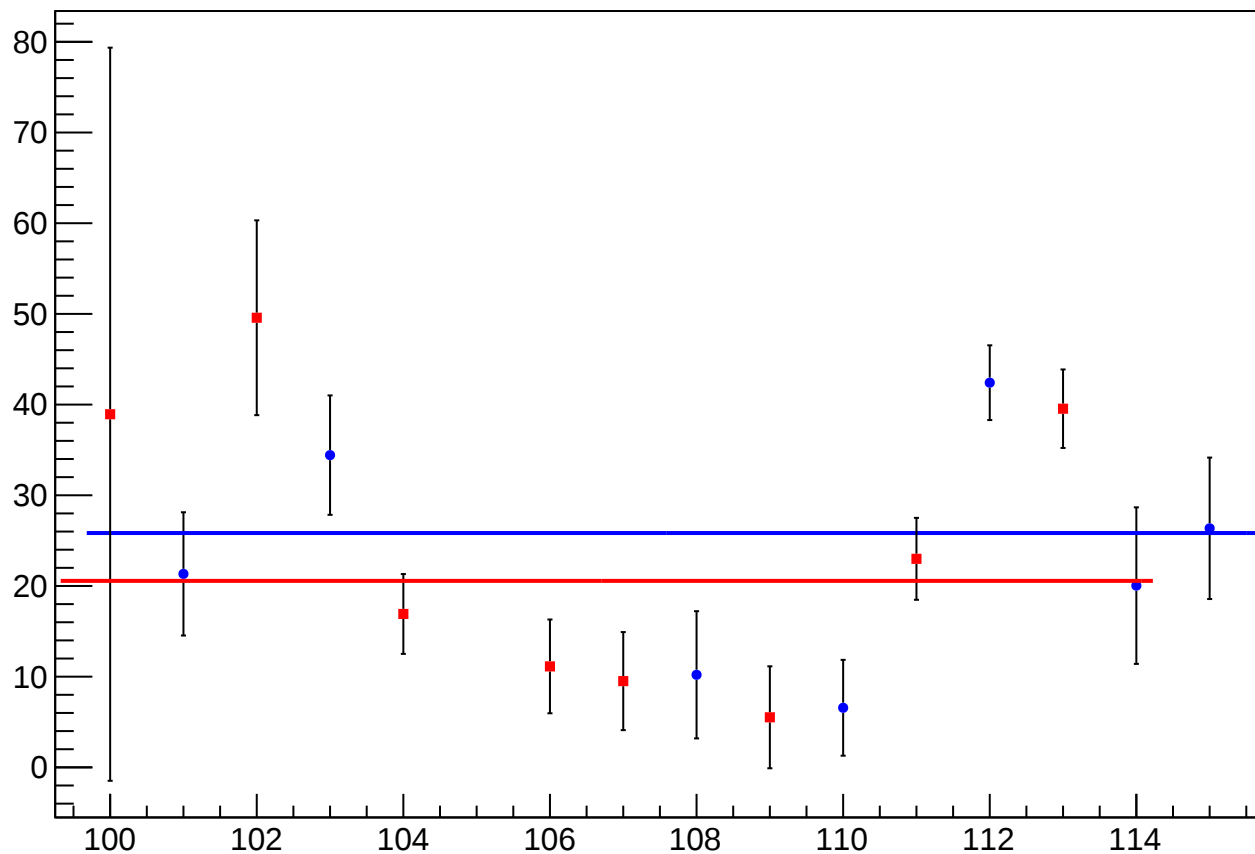
Right: -234.782+/-1.942 χ^2/NDF : 1091.0/14

In: -239.840+/-2.949 χ^2/NDF : 321.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -234.782+/-1.942 χ^2/NDF : 1091.0/14

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 25.838+/-2.296 χ^2 /NDF: 37.0/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 20.561+/-1.937 χ^2 /NDF: 42.4/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

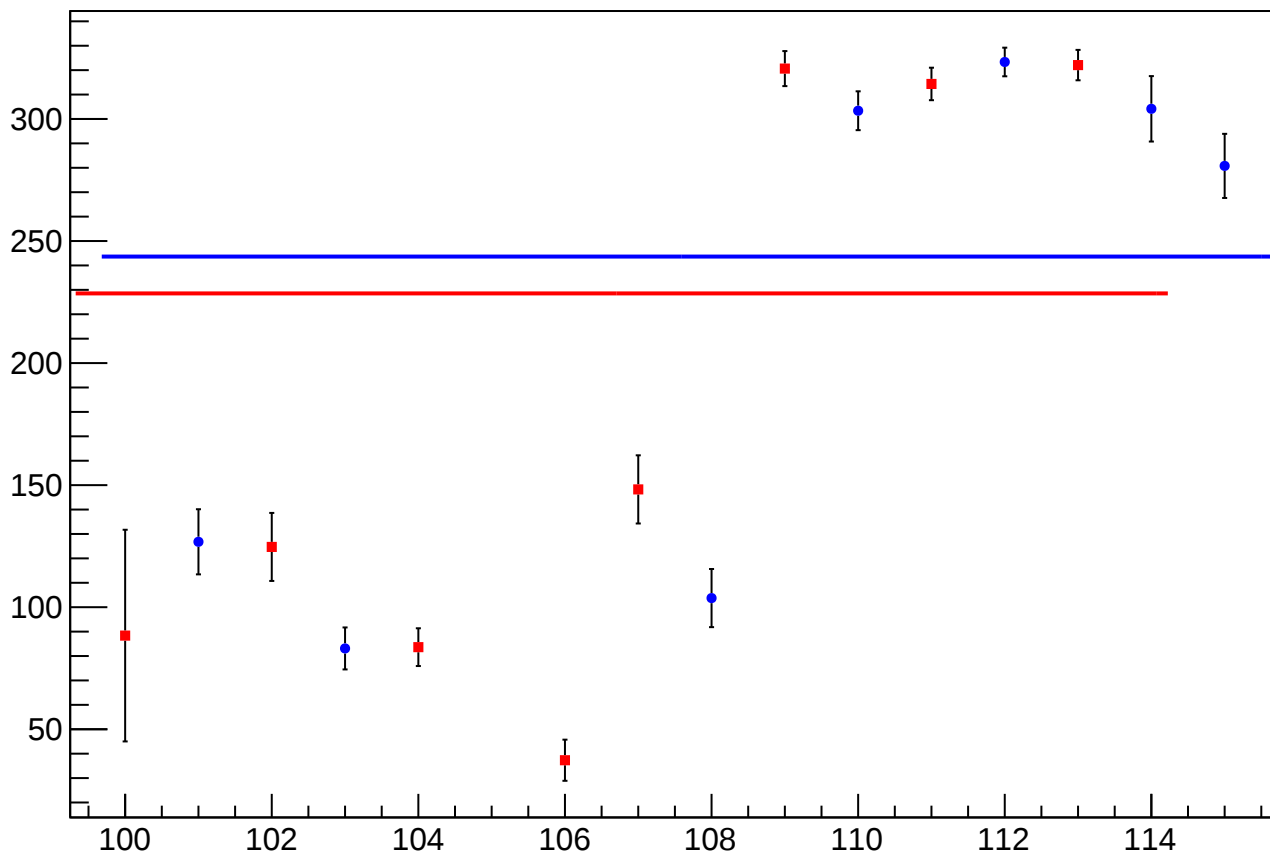
Right: 22.755+/-1.481 χ^2 /NDF: 82.5/14

In: 25.838+/-2.296 χ^2 /NDF:37.0/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 22.755+/-1.481 χ^2 /NDF: 82.5/14

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 243.635+/-3.483 χ^2/NDF : 832.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 228.542+/-3.023 χ^2/NDF : 1521.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

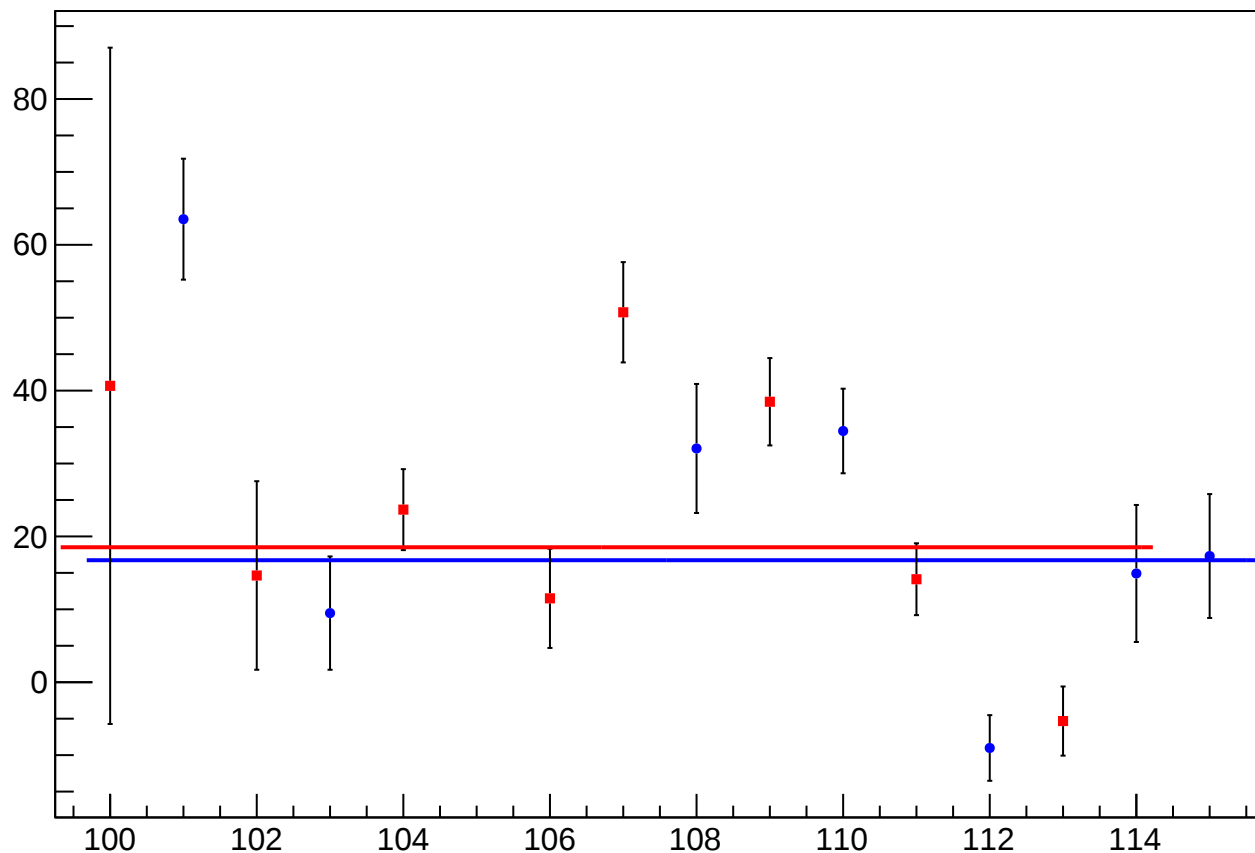
Right: 235.027+/-2.283 χ^2/NDF : 2365.5/14

In: 243.635+/-3.483 χ^2/NDF : 832.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 235.027+/-2.283 χ^2/NDF : 2365.5/14

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.735+/-2.599 χ^2/NDF : 77.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.515+/-2.264 χ^2/NDF : 61.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

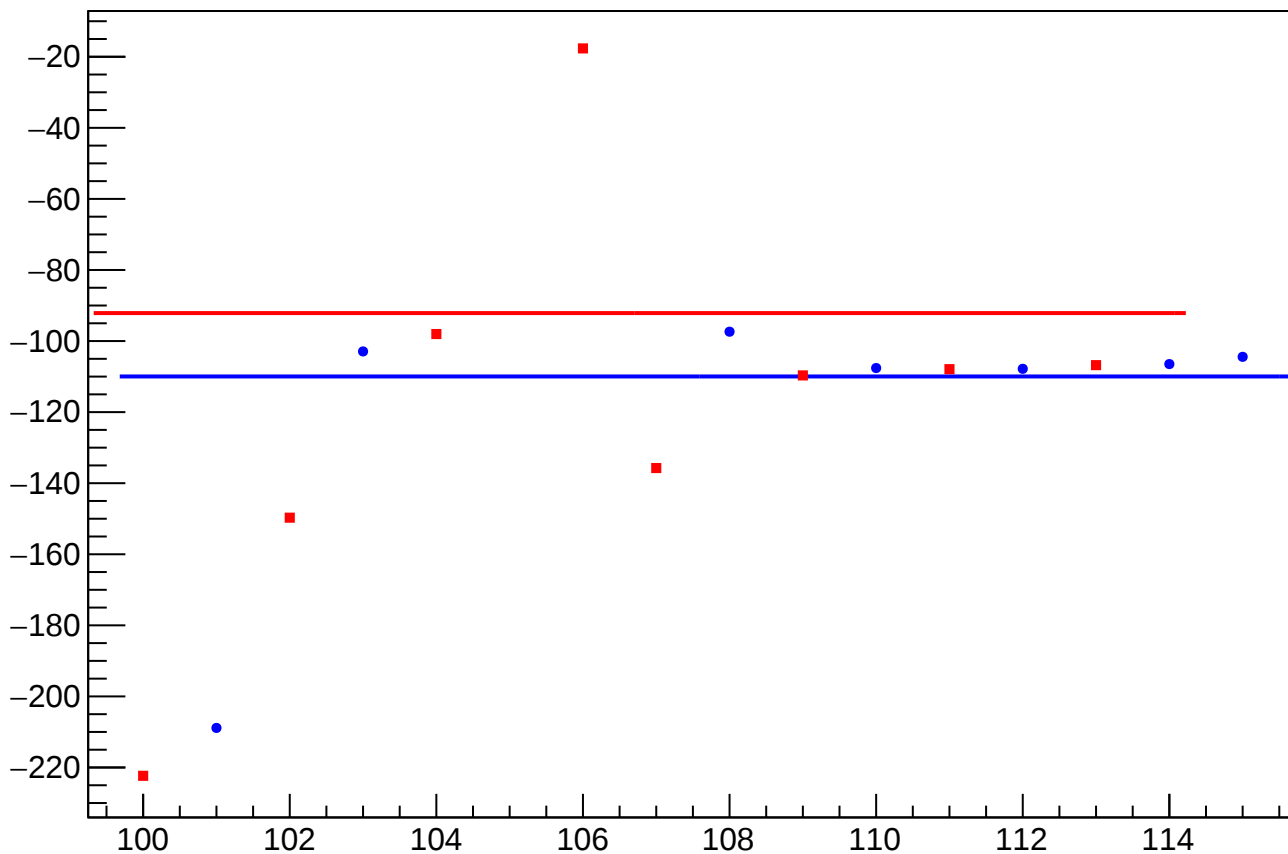
Right: 17.747+/-1.707 χ^2/NDF : 139.4/14

In: 16.735+/-2.599 χ^2/NDF : 77.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.747+/-1.707 χ^2/NDF : 139.4/14

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -109.964+/-0.119 χ^2/NDF : 46167.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -92.129+/-0.099 χ^2/NDF : 196243.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

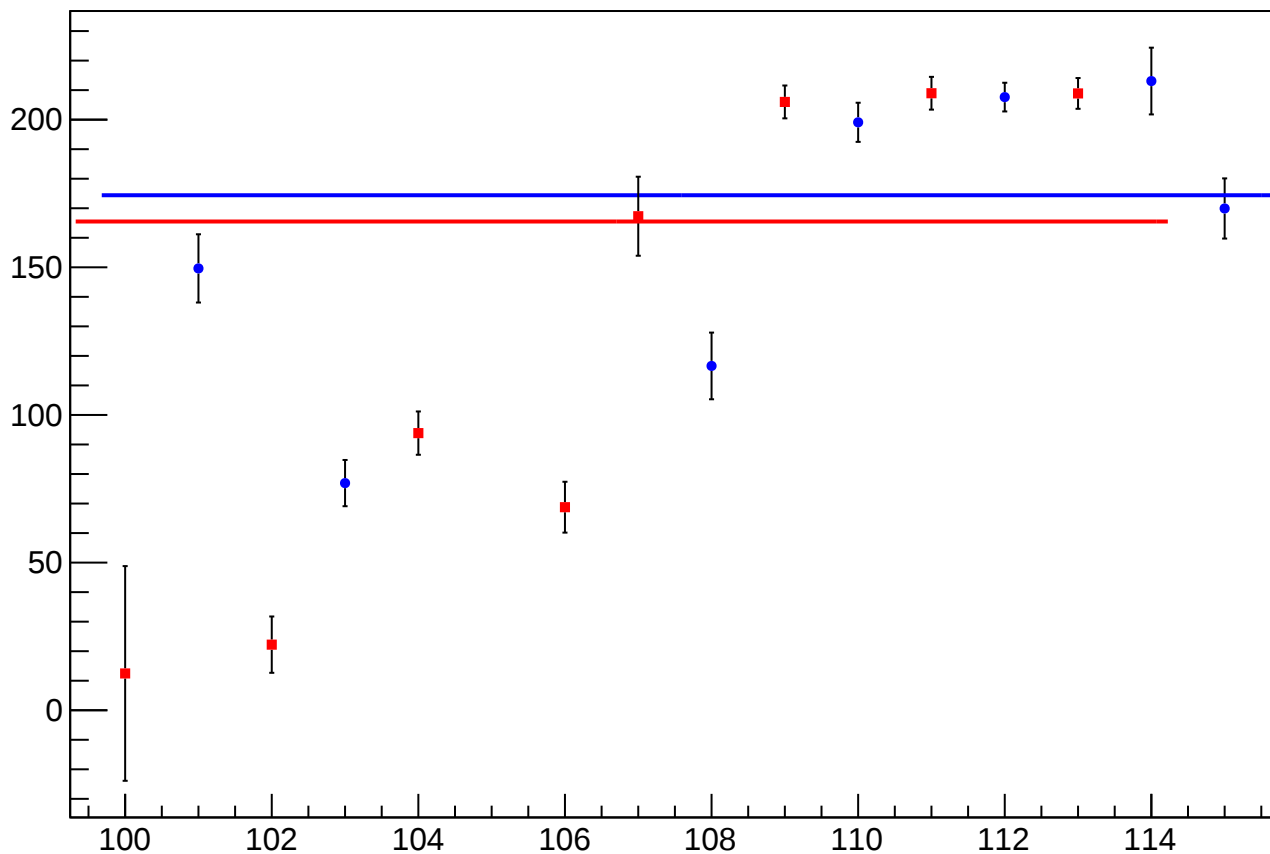
Right: -99.435+/-0.076 χ^2/NDF : 255641.8/14

In: -109.964+/-0.119 χ^2/NDF : 46167.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -99.435+/-0.076 χ^2/NDF : 255641.8/14

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 174.406 $\pm$ 2.959 χ^2 /NDF: 258.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 165.510 $\pm$ 2.573 χ^2 /NDF: 648.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

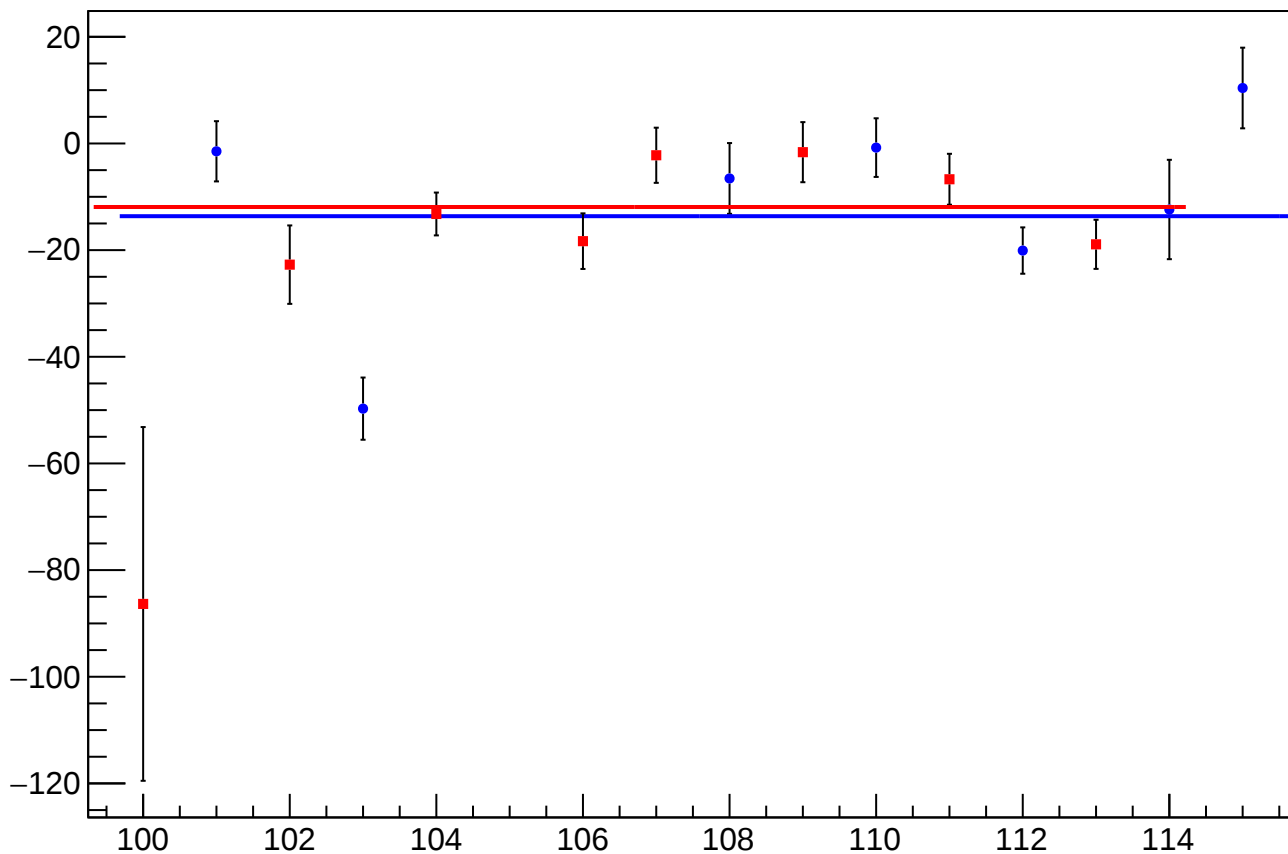
Right: 169.341 $\pm$ 1.941 χ^2 /NDF: 912.4/14

In: 174.406 $\pm$ 2.959 χ^2 /NDF:258.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 169.341 $\pm$ 1.941 χ^2 /NDF: 912.4/14

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -13.636 $\pm$ 2.244 χ^2 /NDF: 61.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -11.912 $\pm$ 1.896 χ^2 /NDF: 19.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

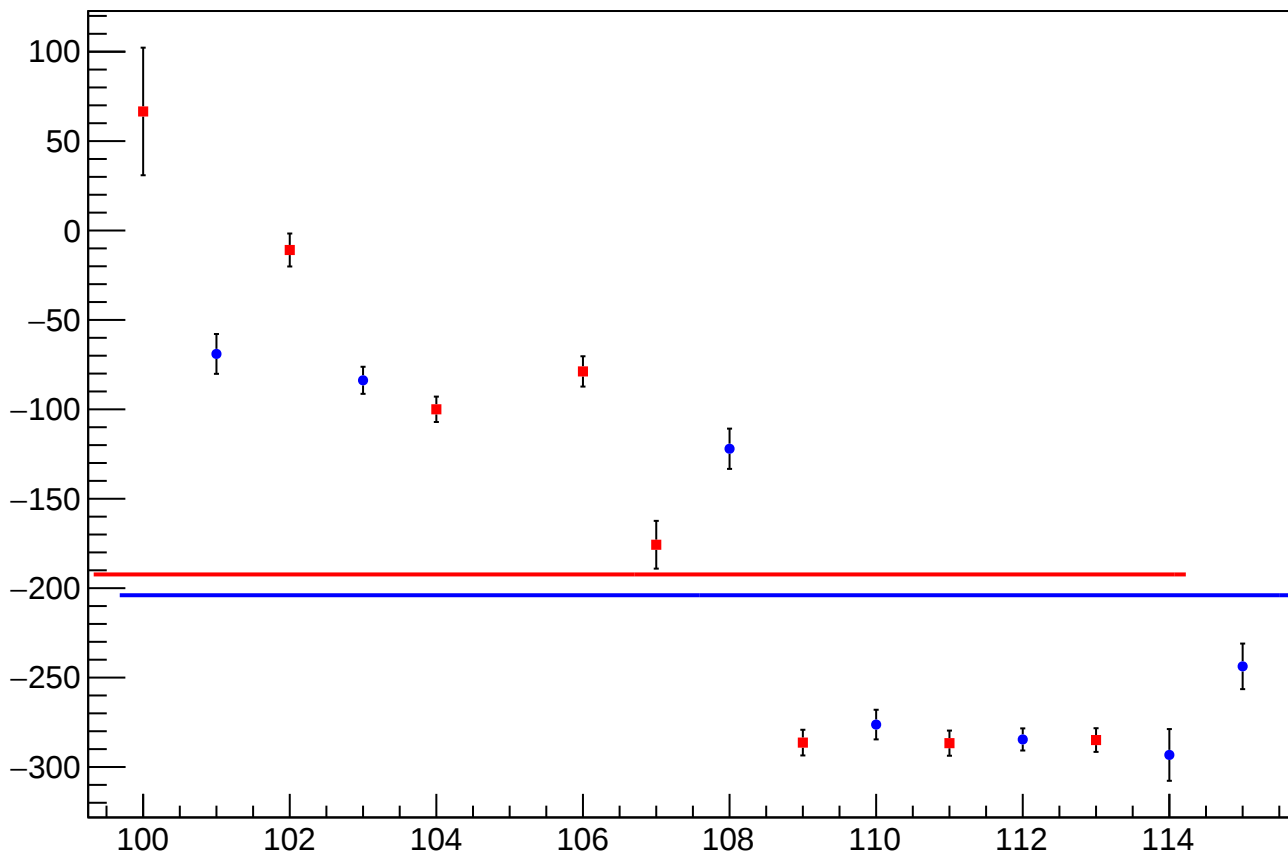
Right: -12.630 $\pm$ 1.448 χ^2 /NDF: 81.4/14

In: -13.636 $\pm$ 2.244 χ^2 /NDF:61.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -12.630 $\pm$ 1.448 χ^2 /NDF: 81.4/14

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -203.950 ± 3.429 χ^2/NDF : 745.7/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -192.320 ± 2.957 χ^2/NDF : 1337.3/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

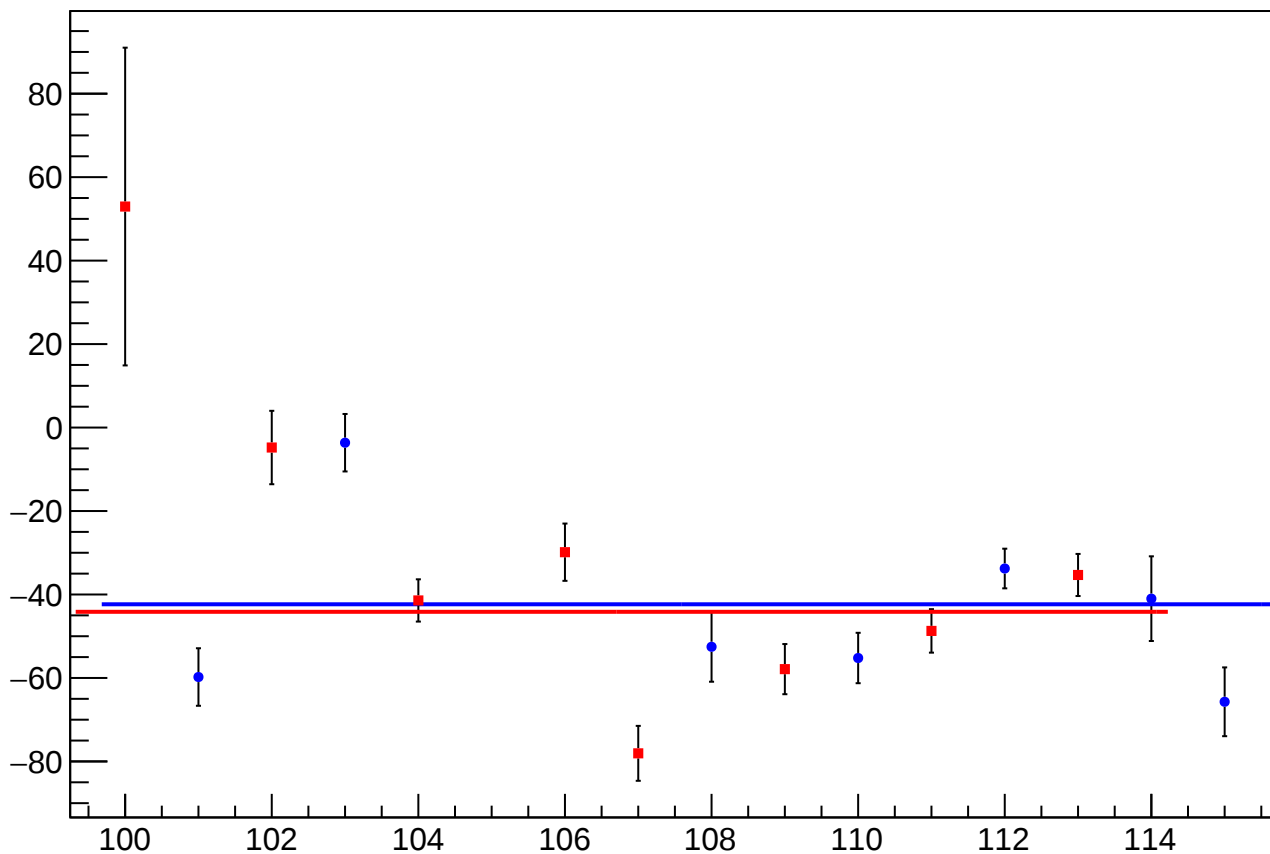
Right: -197.280 ± 2.240 χ^2/NDF : 2089.6/14

In: -203.950 ± 3.429 χ^2/NDF : 745.7/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -197.280 ± 2.240 χ^2/NDF : 2089.6/14

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -42.346+/-2.560 χ^2/NDF : 55.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -44.147+/-2.232 χ^2/NDF : 66.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

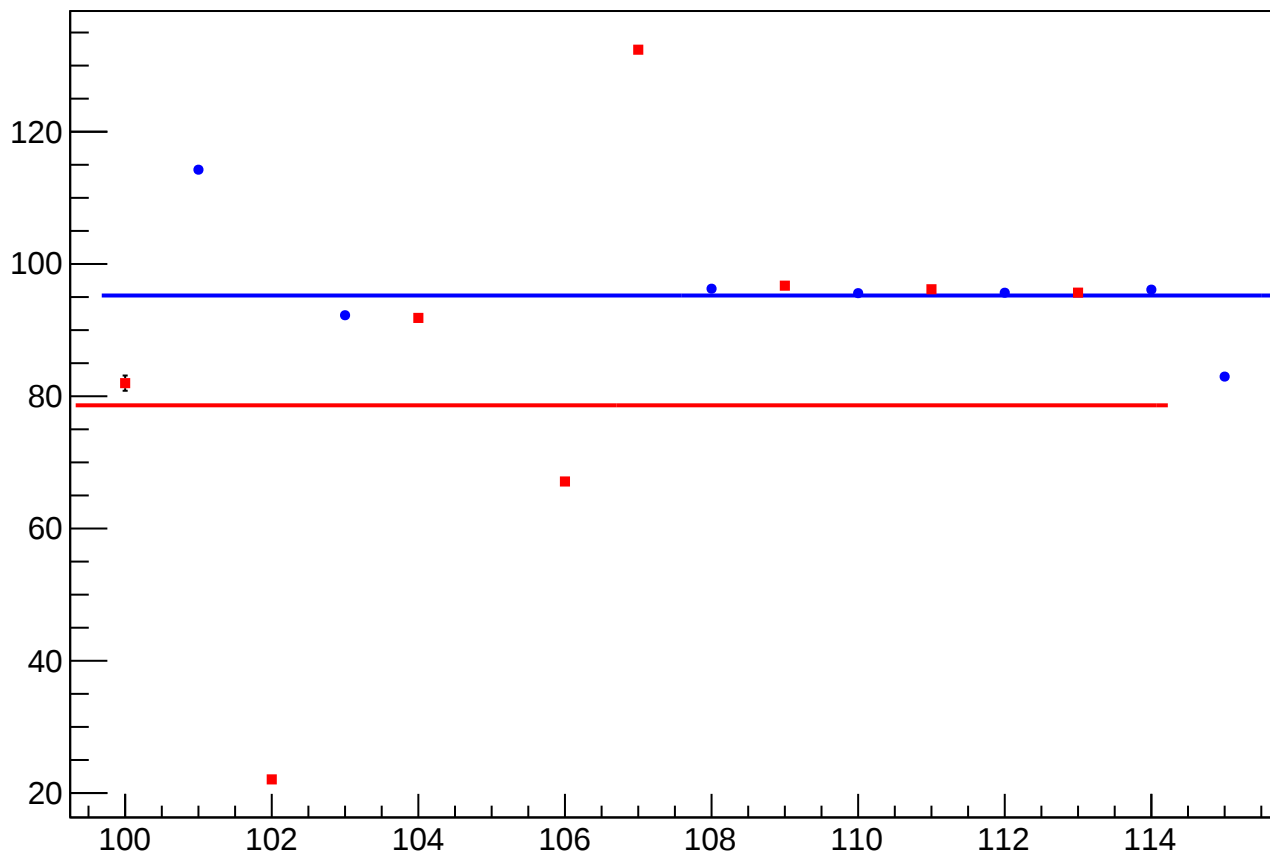
Right: -43.369+/-1.682 χ^2/NDF : 122.4/14

In: -42.346+/-2.560 χ^2/NDF : 55.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.369+/-1.682 χ^2/NDF : 122.4/14

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 95.234+/-0.112 χ^2/NDF : 3098.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.630+/-0.092 χ^2/NDF : 119269.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

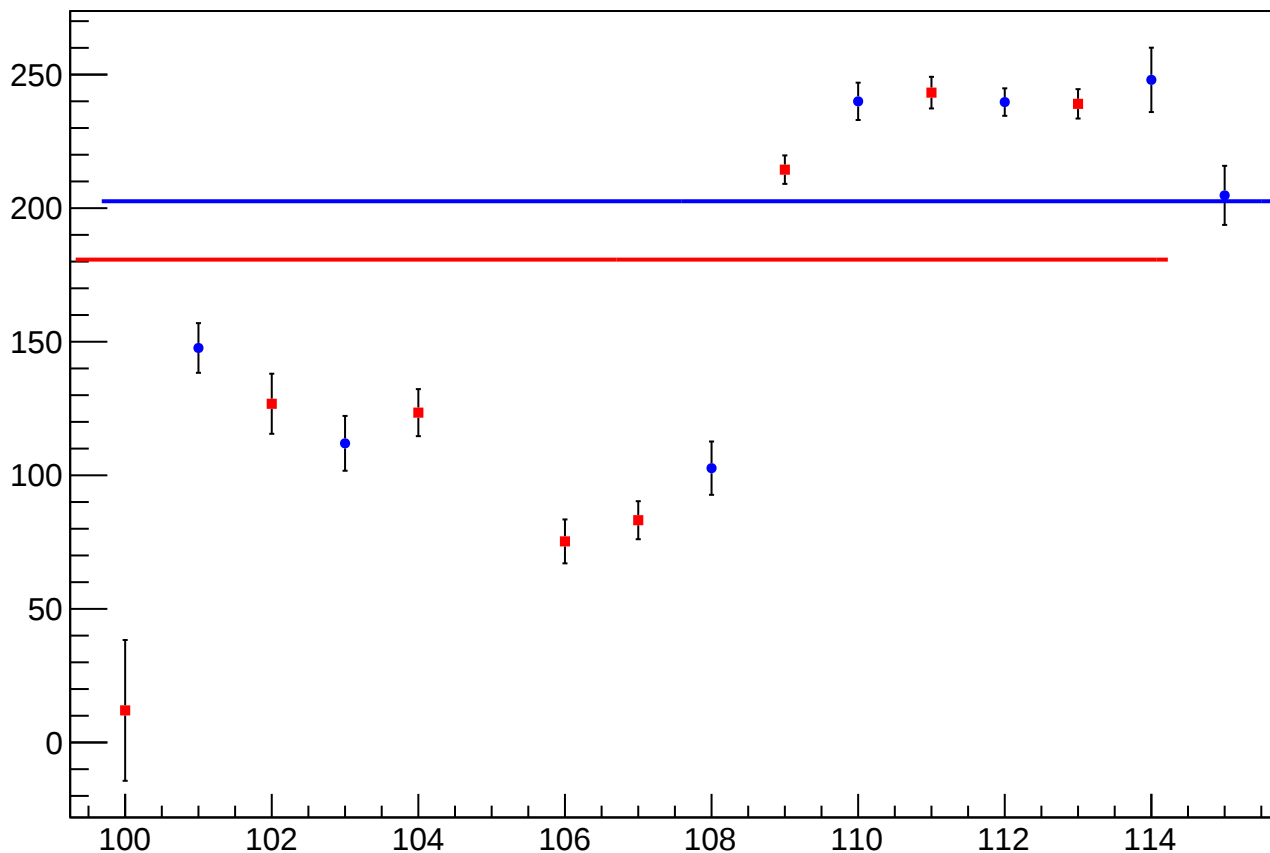
Right: 85.344+/-0.071 χ^2/NDF : 135458.2/14

In: 95.234+/-0.112 χ^2/NDF : 3098.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.344+/-0.071 χ^2/NDF : 135458.2/14

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 202.590 $\pm$ 3.095 χ^2 /NDF: 308.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 180.743 $\pm$ 2.551 χ^2 /NDF: 722.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

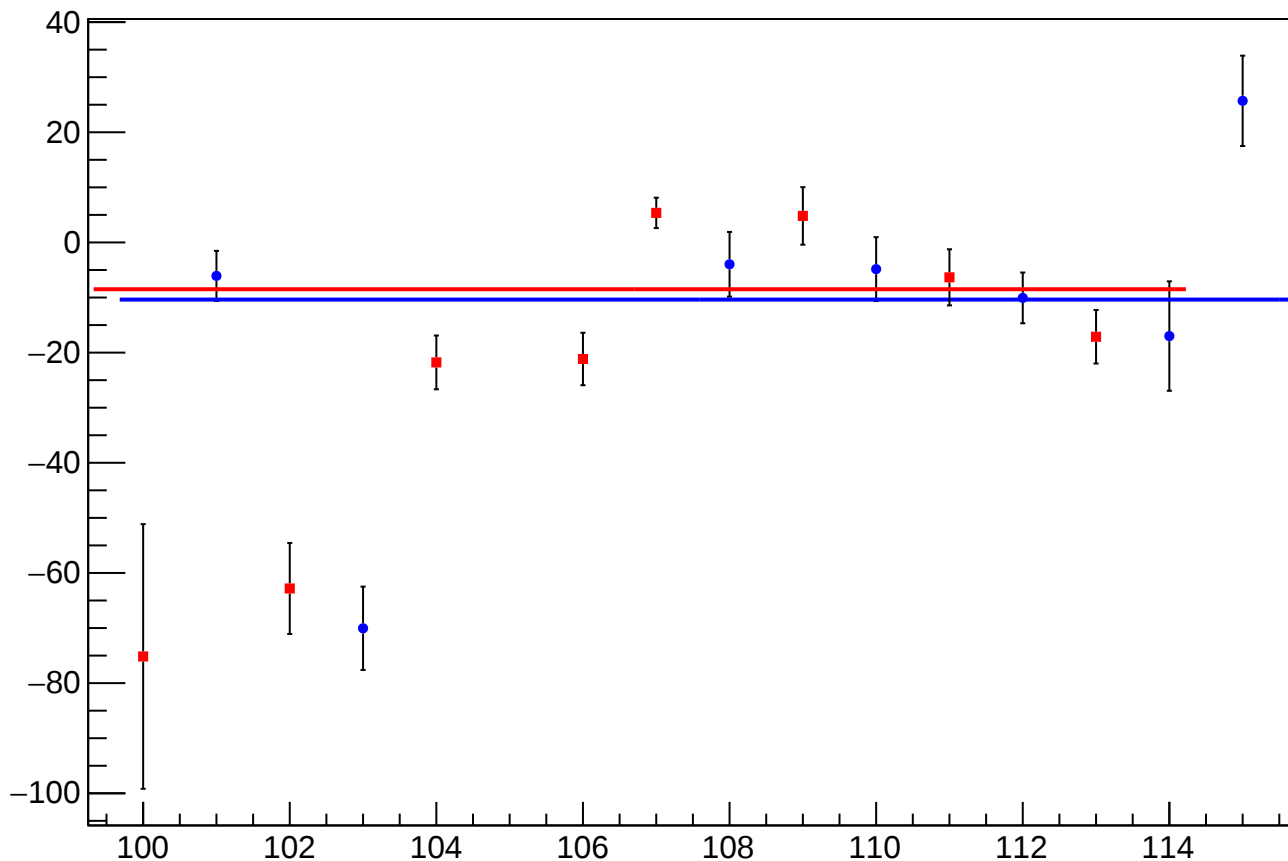
Right: 189.583 $\pm$ 1.969 χ^2 /NDF: 1060.5/14

In: 202.590 $\pm$ 3.095 χ^2 /NDF: 308.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 189.583 $\pm$ 1.969 χ^2 /NDF: 1060.5/14

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -10.371+/-2.253 χ^2/NDF : 85.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.492+/-1.686 χ^2/NDF : 100.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

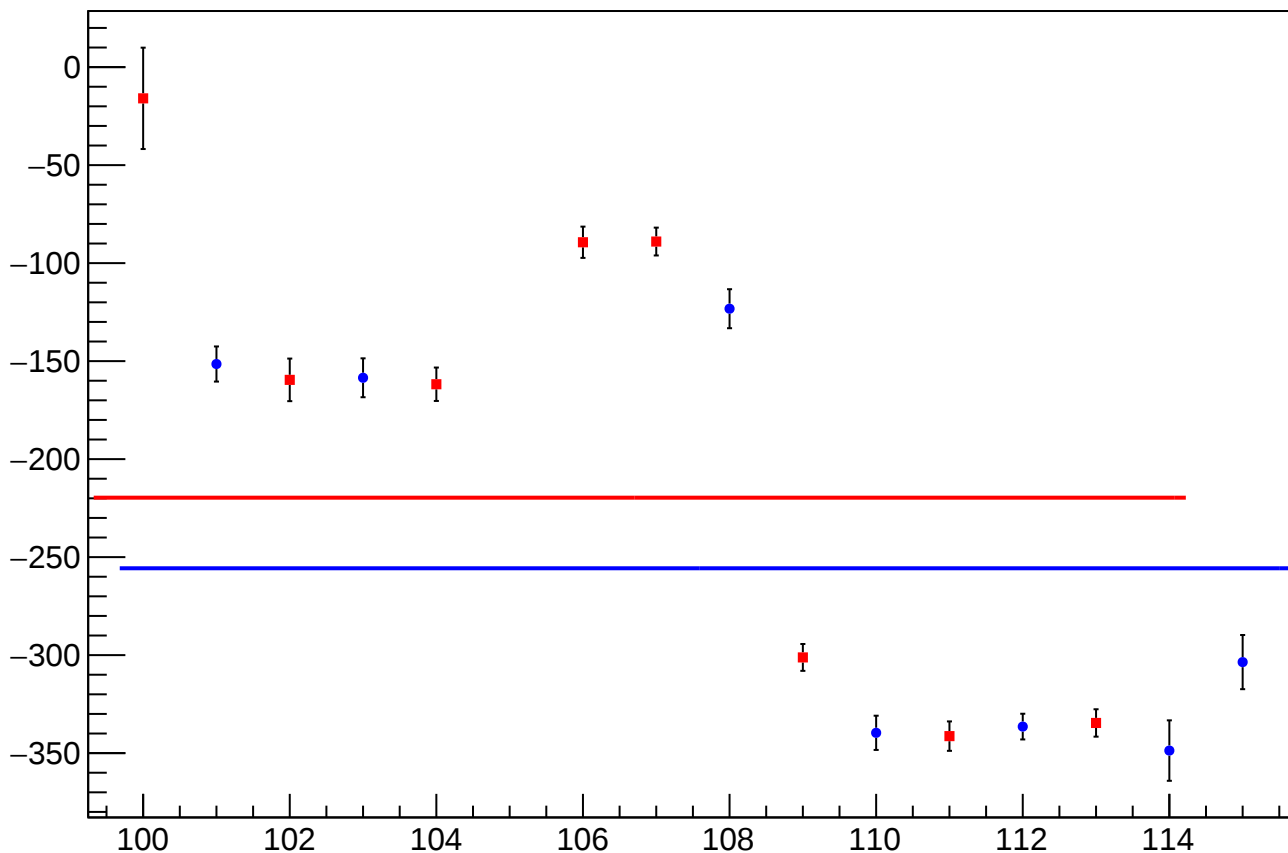
Right: -9.167+/-1.350 χ^2/NDF : 186.0/14

In: -10.371+/-2.253 χ^2/NDF : 85.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.167+/-1.350 χ^2/NDF : 186.0/14

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -255.690+/-3.569 χ^2/NDF : 700.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -219.669+/-2.901 χ^2/NDF : 1418.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

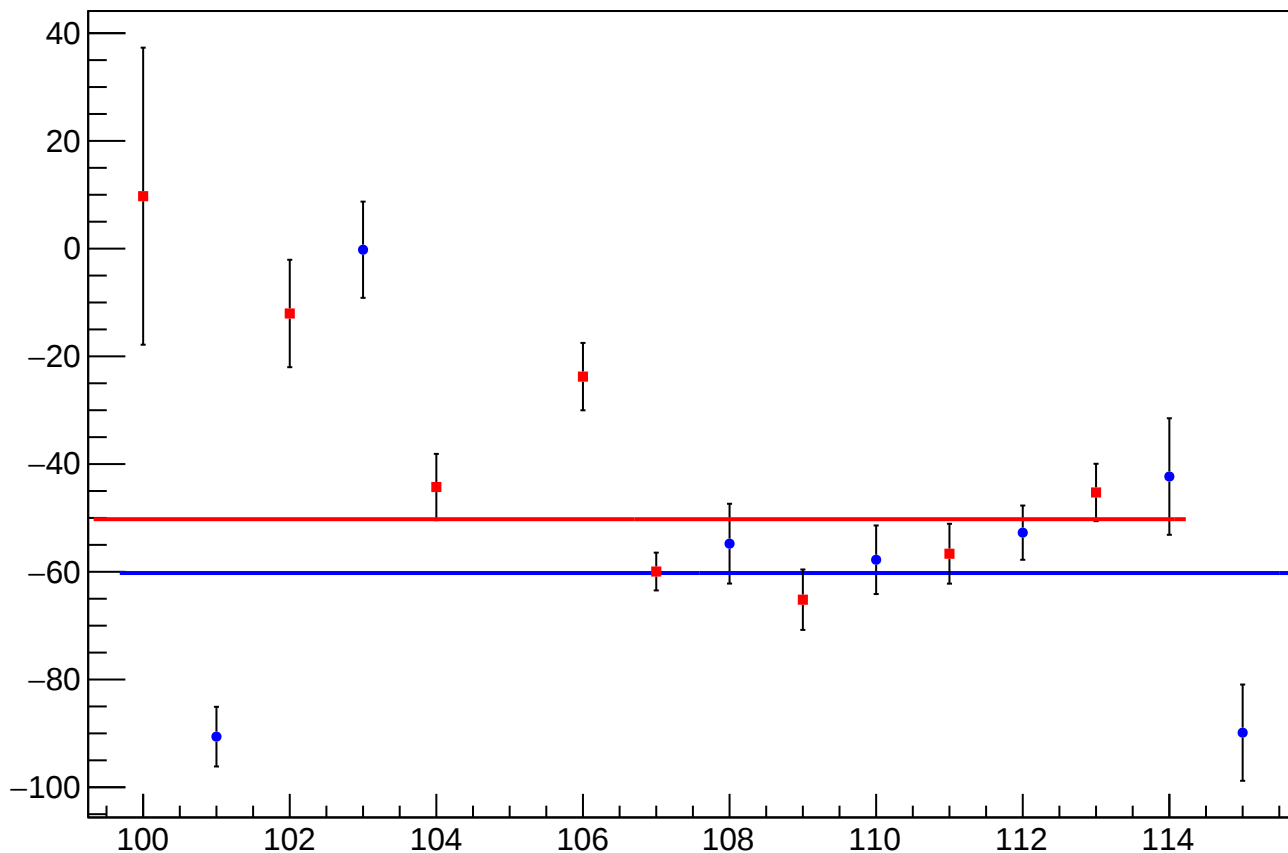
Right: -234.002+/-2.251 χ^2/NDF : 2181.1/14

In: -255.690+/-3.569 χ^2/NDF : 700.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -234.002+/-2.251 χ^2/NDF : 2181.1/14

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -60.225+/-2.595 χ^2/NDF : 91.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -50.233+/-2.024 χ^2/NDF : 55.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

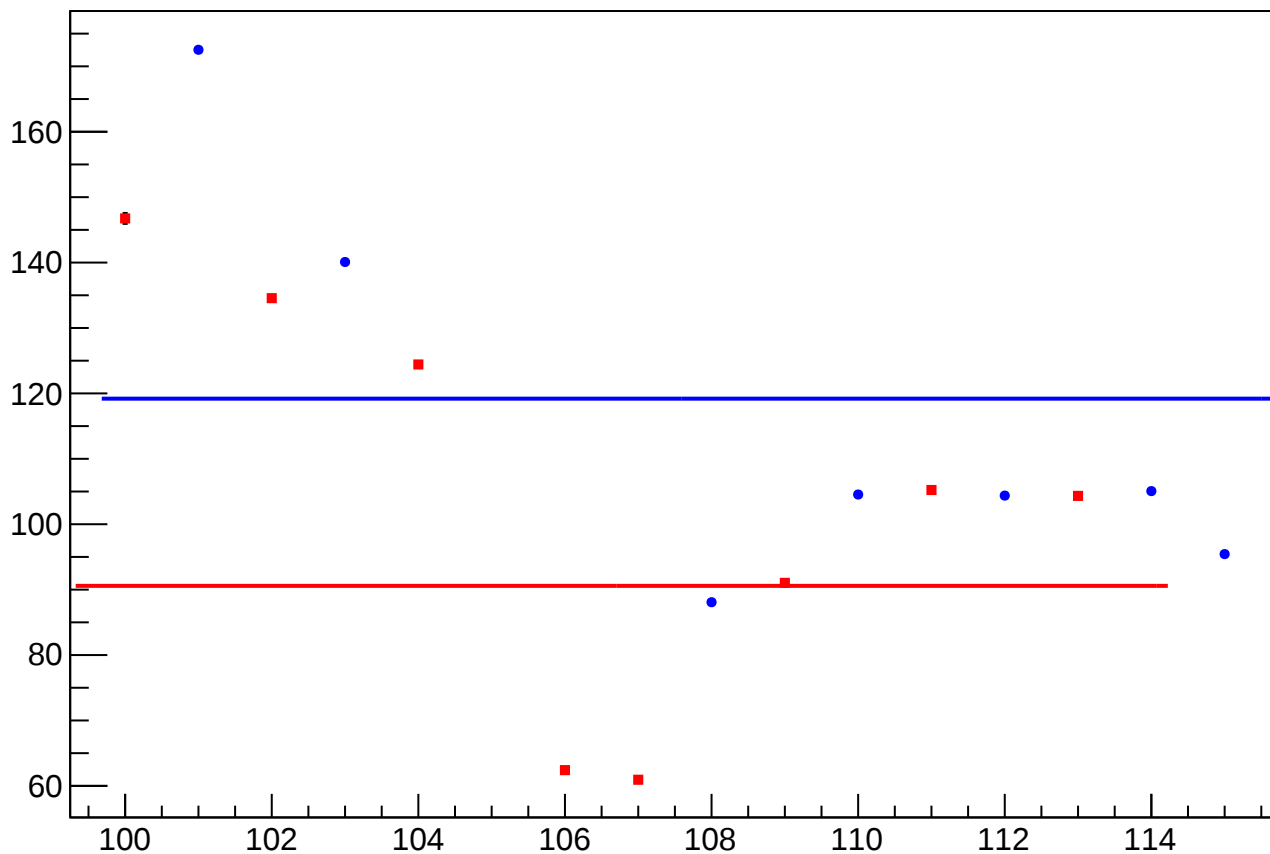
Right: -54.013+/-1.596 χ^2/NDF : 156.3/14

In: -60.225+/-2.595 χ^2/NDF : 91.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -54.013+/-1.596 χ^2/NDF : 156.3/14

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 119.196 $\pm$ 0.119 χ^2 /NDF: 60539.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 90.579 $\pm$ 0.089 χ^2 /NDF: 112862.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

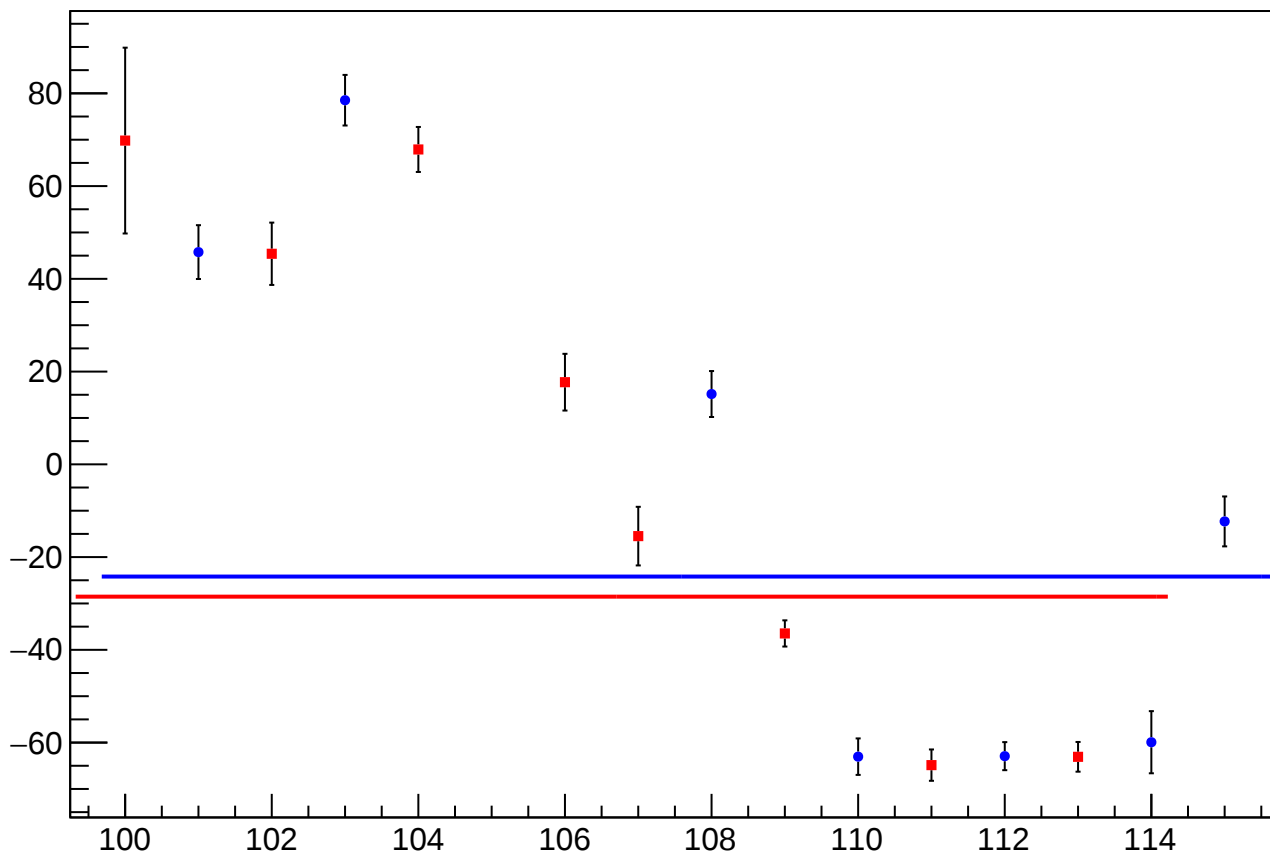
Right: 100.740 $\pm$ 0.071 χ^2 /NDF: 210489.3/14

In: 119.196 $\pm$ 0.119 χ^2 /NDF:60539.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 100.740 $\pm$ 0.071 χ^2 /NDF: 210489.3/14

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -24.199+/-1.728 χ^2/NDF : 857.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -28.531+/-1.527 χ^2/NDF : 841.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

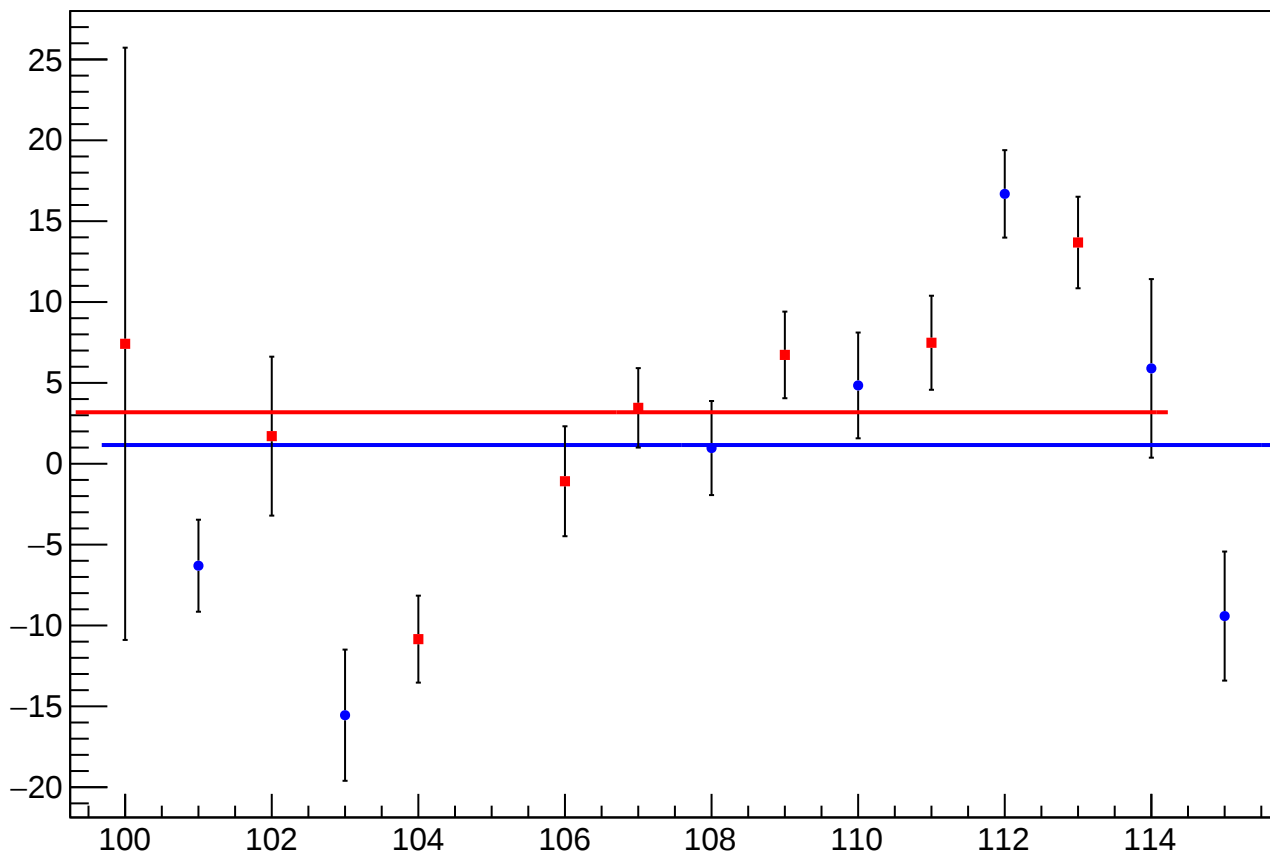
Right: -26.633+/-1.144 χ^2/NDF : 1702.4/14

In: -24.199+/-1.728 χ^2/NDF : 857.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.633+/-1.144 χ^2/NDF : 1702.4/14

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.158+/-1.261 χ^2/NDF : 65.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.185+/-1.106 χ^2/NDF : 46.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

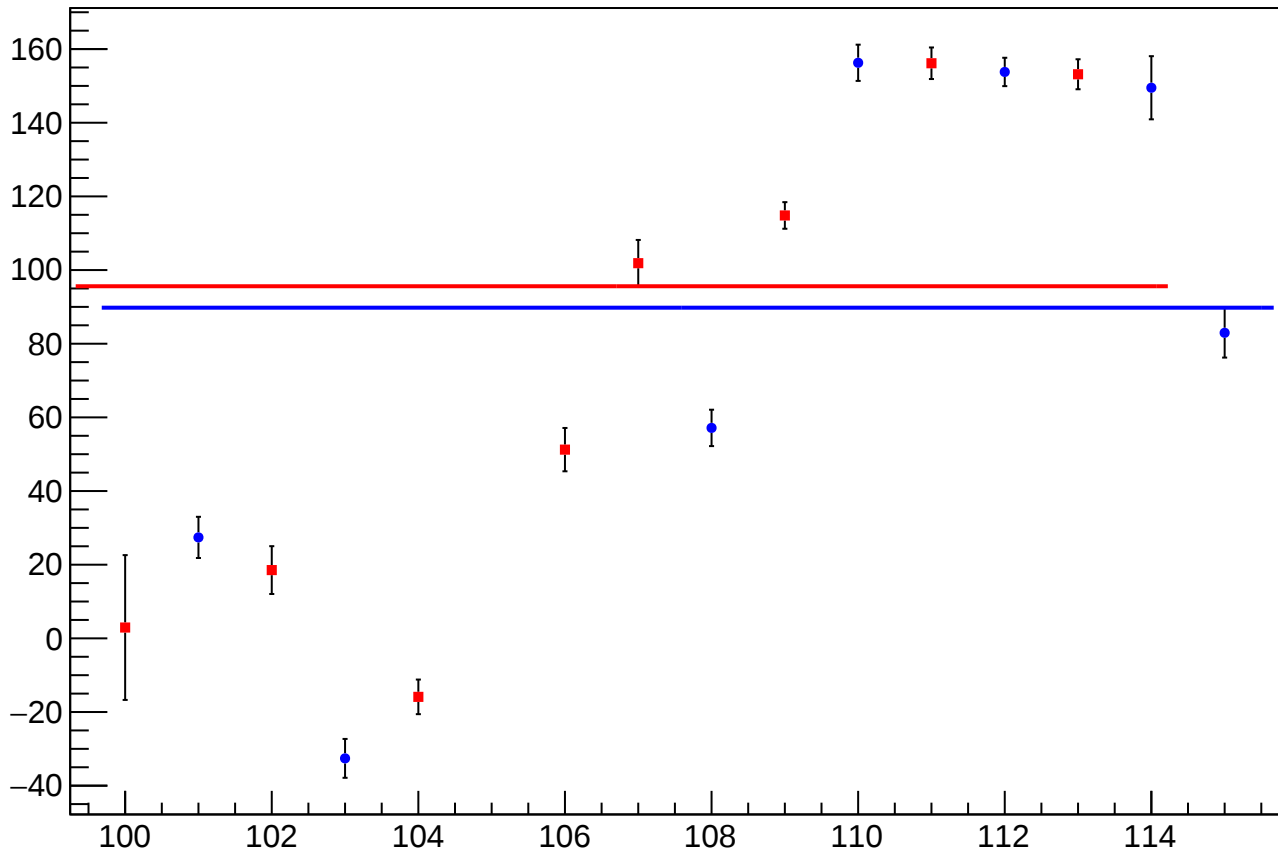
Right: 2.304+/-0.832 χ^2/NDF : 114.0/14

In: 1.158+/-1.261 χ^2/NDF : 65.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.304+/-0.832 χ^2/NDF : 114.0/14

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 89.784+/-1.987 χ^2/NDF : 1214.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.604+/-1.776 χ^2/NDF : 1211.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

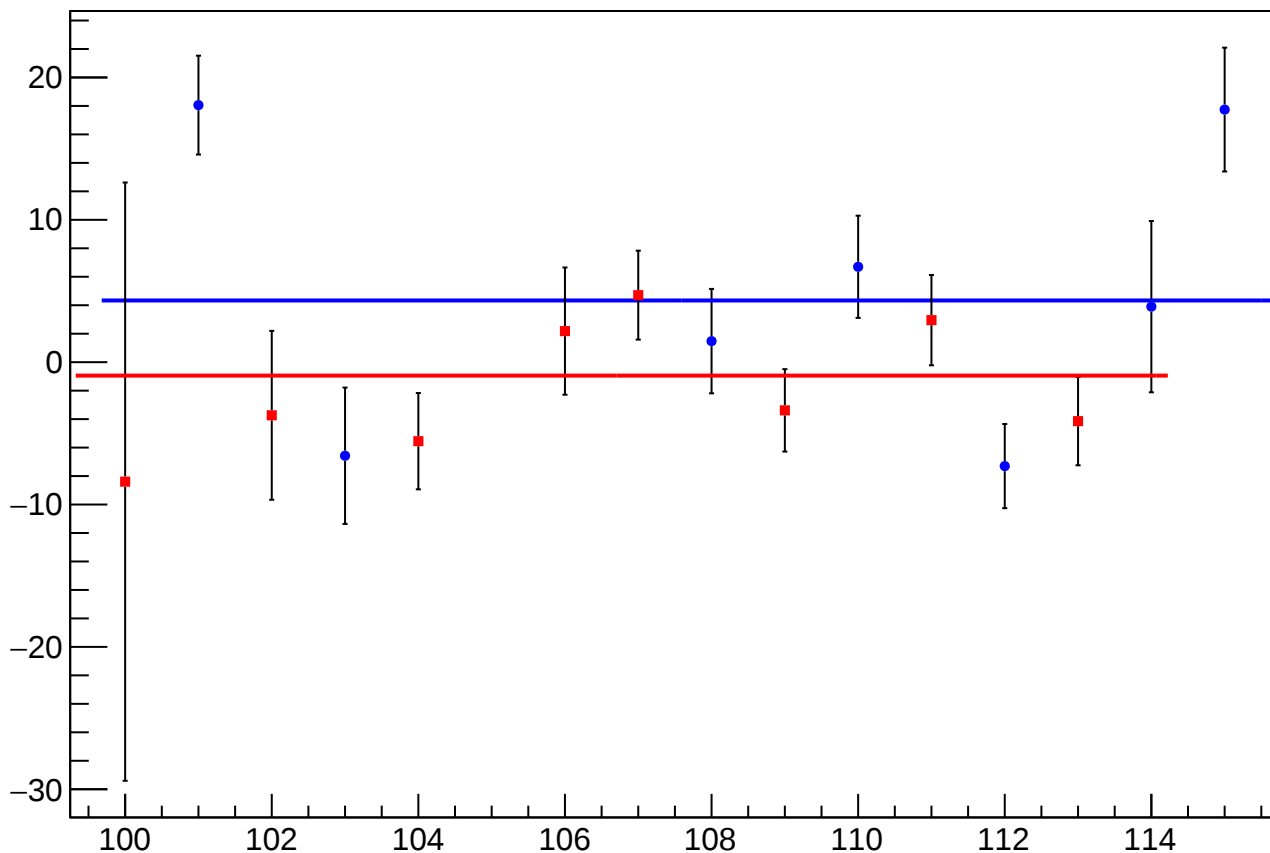
Right: 93.019+/-1.324 χ^2/NDF : 2431.2/14

In: 89.784+/-1.987 χ^2/NDF : 1214.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.019+/-1.324 χ^2/NDF : 2431.2/14

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.335+/-1.453 χ^2/NDF : 46.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.943+/-1.298 χ^2/NDF : 9.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

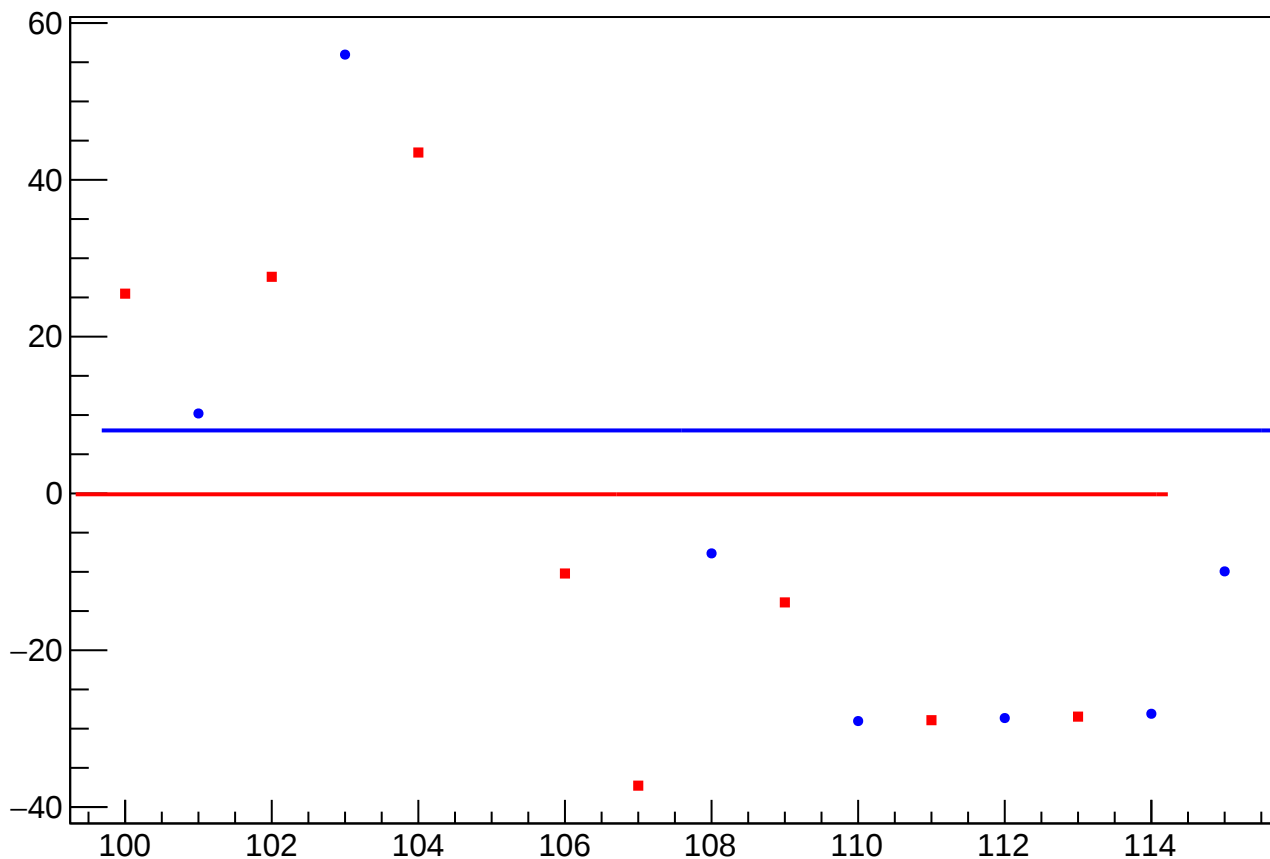
Right: 1.400+/-0.968 χ^2/NDF : 63.4/14

In: 4.335+/-1.453 χ^2/NDF : 46.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.400+/-0.968 χ^2/NDF : 63.4/14

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 8.037+/-0.064 χ^2/NDF : 261501.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.108+/-0.058 χ^2/NDF : 290256.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

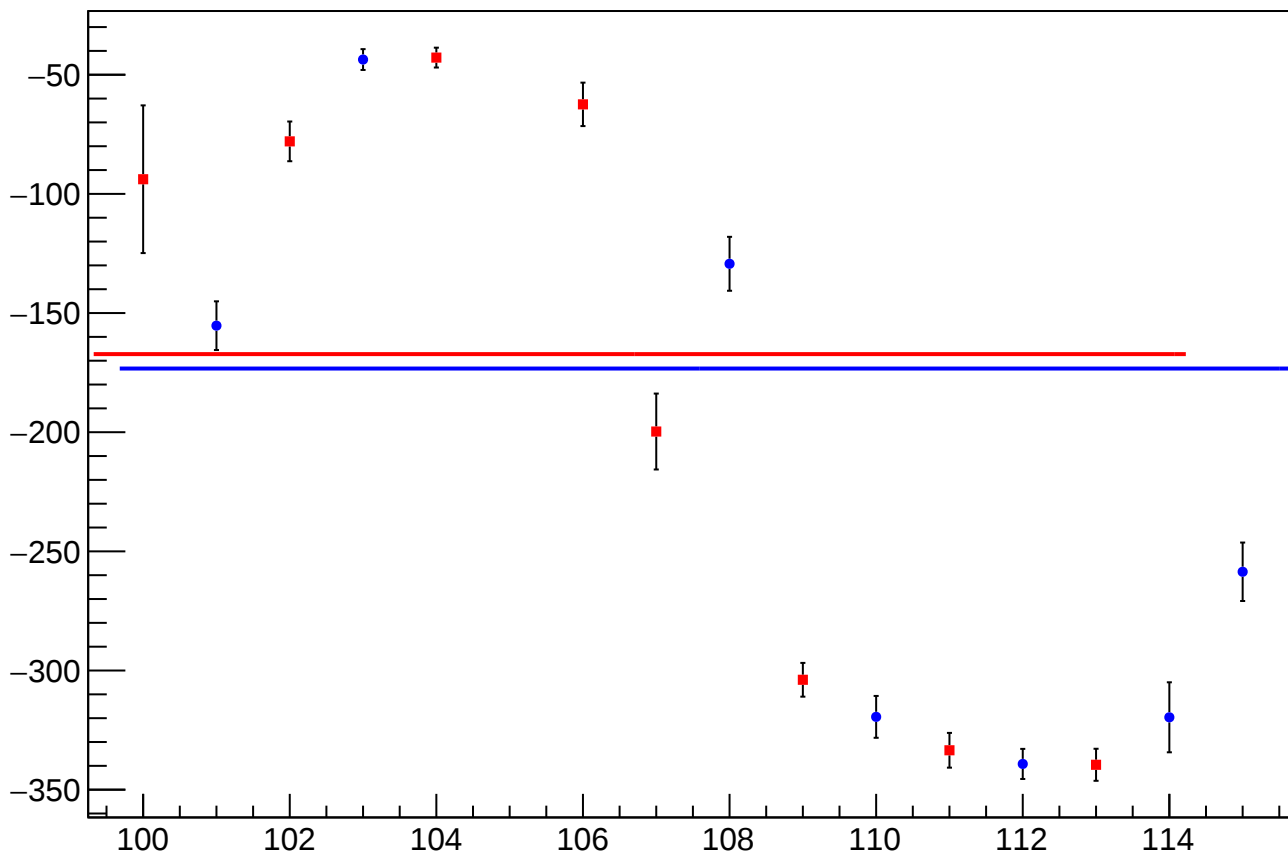
Right: 3.534+/-0.043 χ^2/NDF : 560633.4/14

In: 8.037+/-0.064 χ^2/NDF : 261501.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.534+/-0.043 χ^2/NDF : 560633.4/14

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -173.285+/-2.898 χ^2/NDF : 2012.8/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -167.230+/-2.583 χ^2/NDF : 2697.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

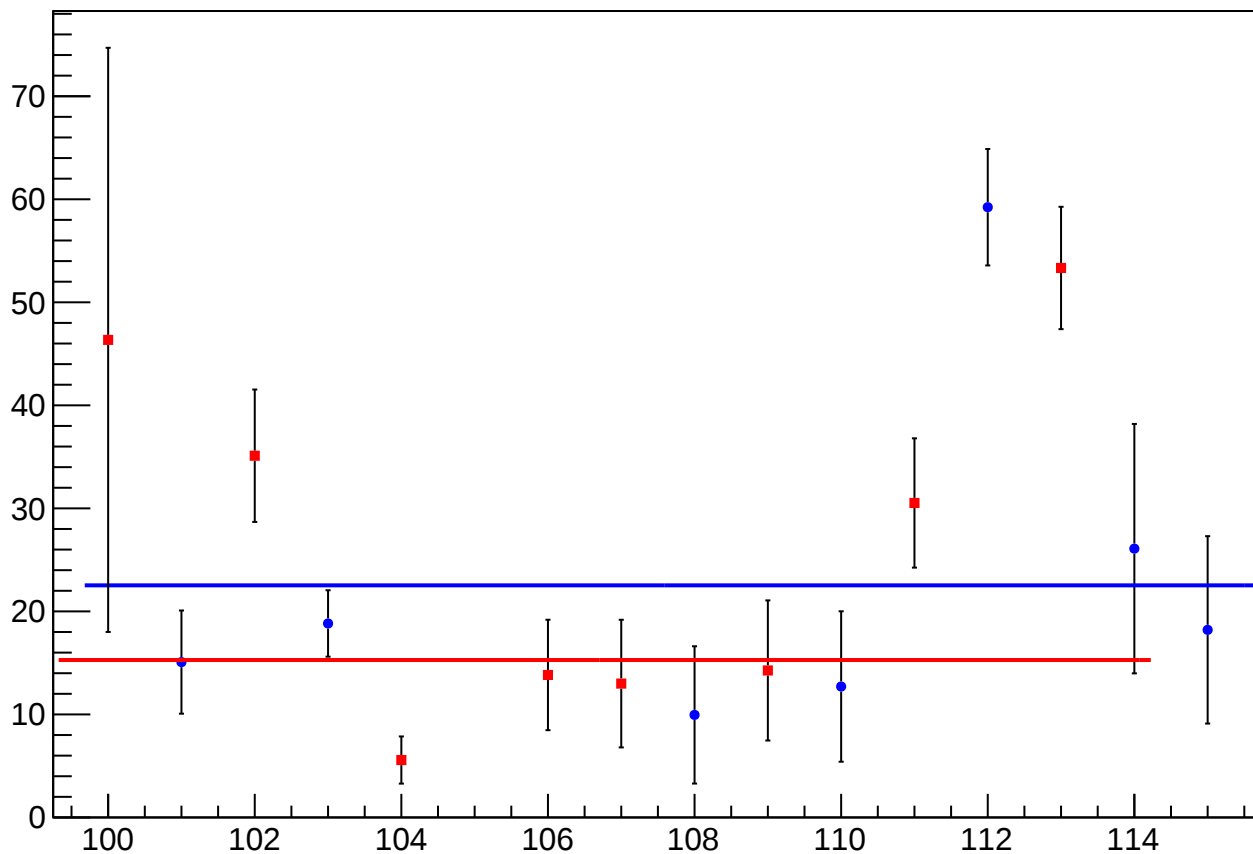
Right: -169.910+/-1.928 χ^2/NDF : 4713.2/14

In: -173.285+/-2.898 χ^2/NDF :2012.8/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -169.910+/-1.928 χ^2/NDF : 4713.2/14

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.528+/-2.096 χ^2/NDF : 51.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.280+/-1.684 χ^2/NDF : 75.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

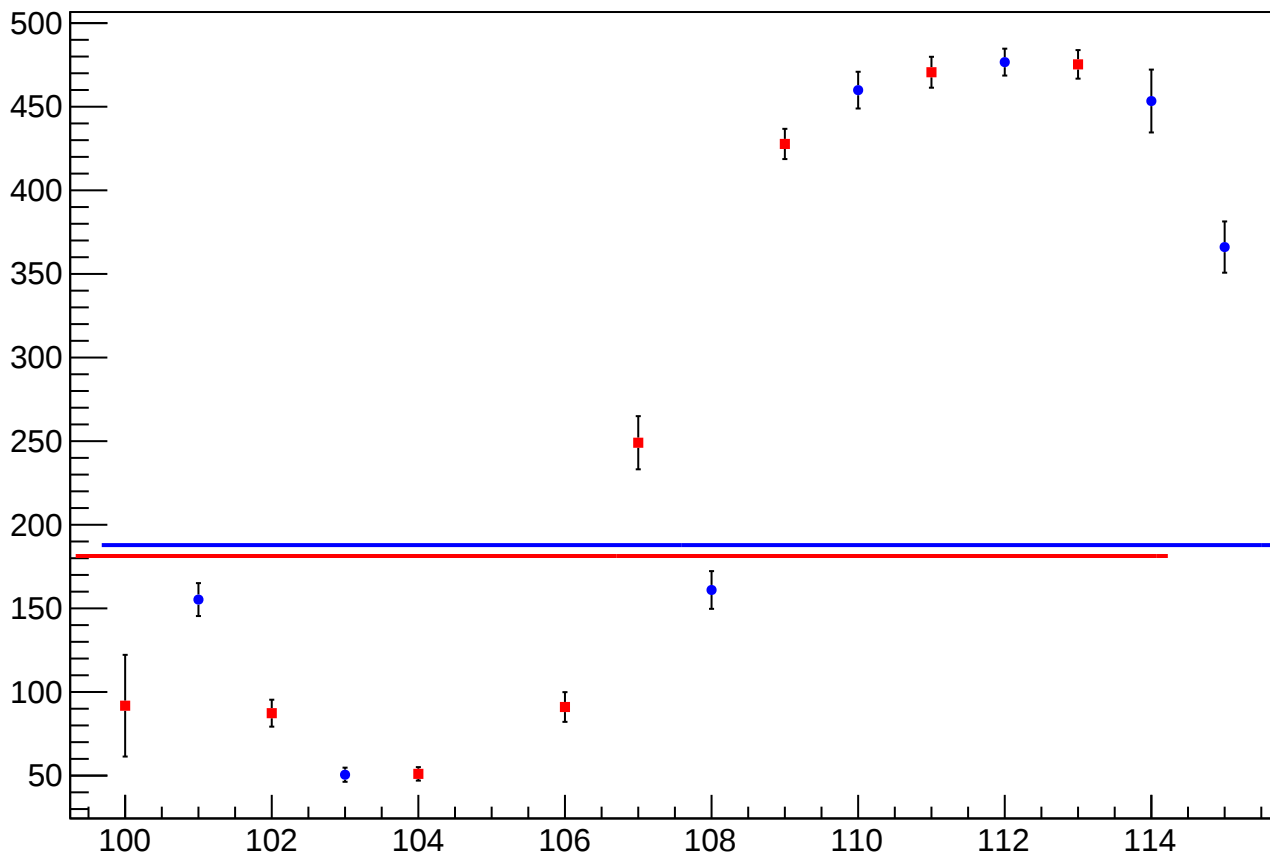
Right: 18.123+/-1.313 χ^2/NDF : 134.6/14

In: 22.528+/-2.096 χ^2/NDF : 51.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.123+/-1.313 χ^2/NDF : 134.6/14

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 187.844+/-3.087 χ^2/NDF : 3309.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 181.324+/-2.750 χ^2/NDF : 4215.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

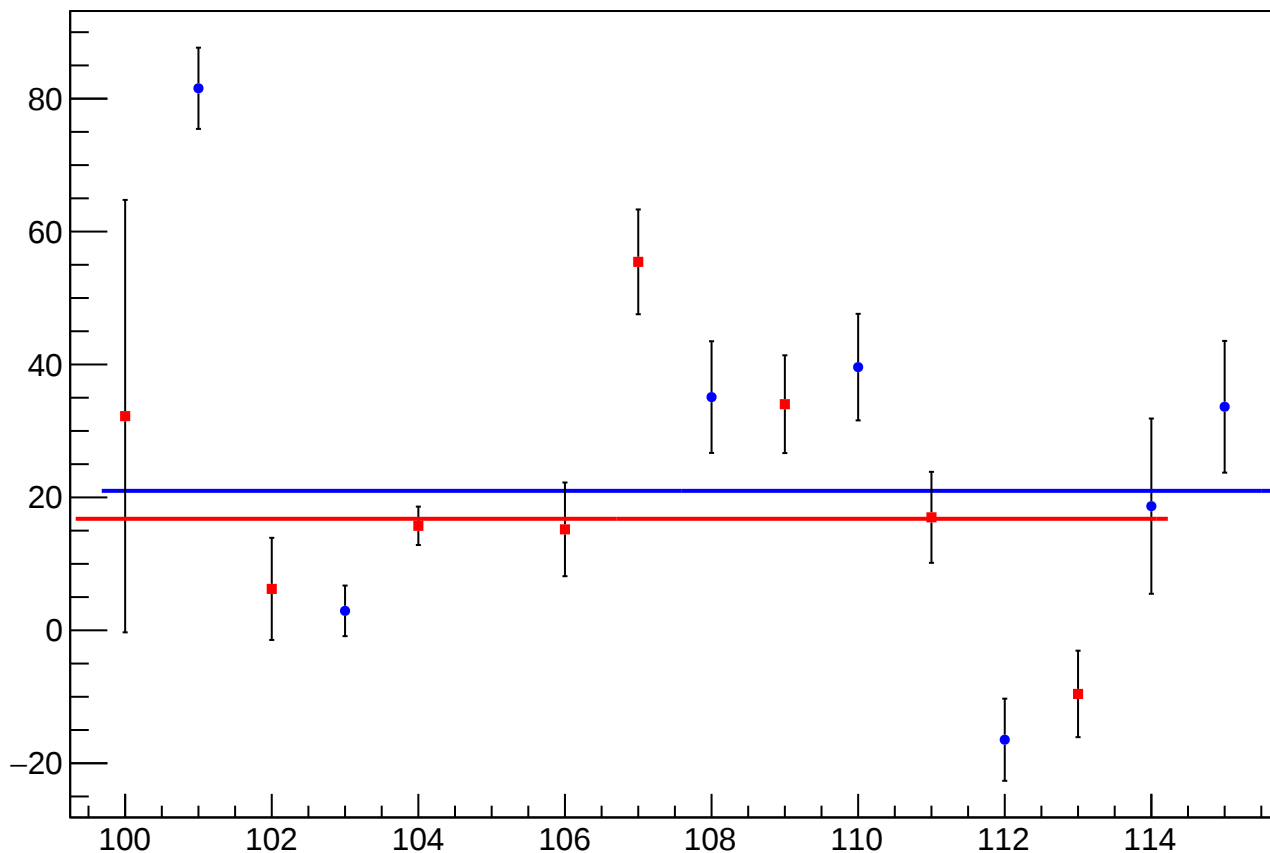
Right: 184.209+/-2.053 χ^2/NDF : 7527.5/14

In: 187.844+/-3.087 χ^2/NDF :3309.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 184.209+/-2.053 χ^2/NDF : 7527.5/14

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.986+/-2.442 χ^2/NDF : 167.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.783+/-2.053 χ^2/NDF : 48.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

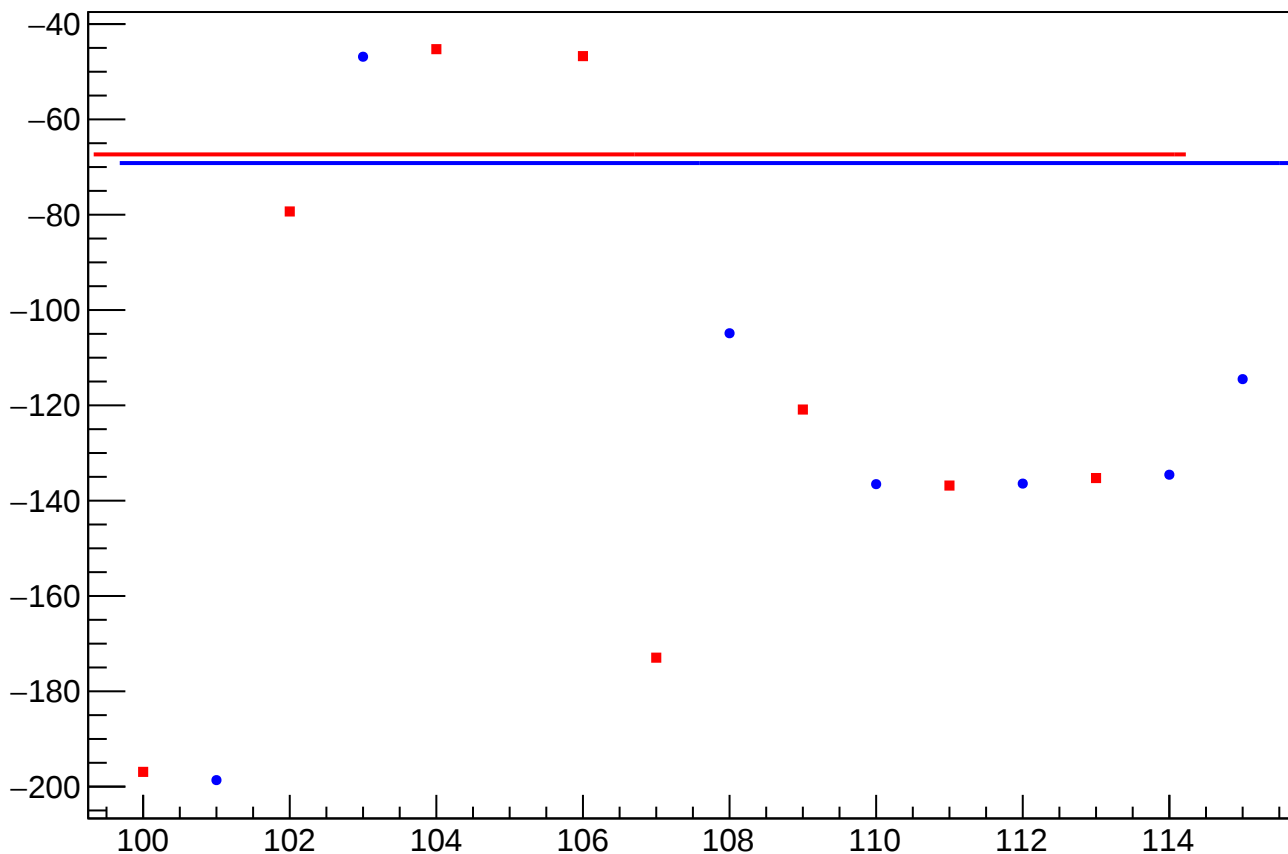
Right: 18.523+/-1.571 χ^2/NDF : 217.4/14

In: 20.986+/-2.442 χ^2/NDF : 167.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.523+/-1.571 χ^2/NDF : 217.4/14

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -69.163+/-0.082 χ^2/NDF : 266538.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -67.347+/-0.076 χ^2/NDF : 237327.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

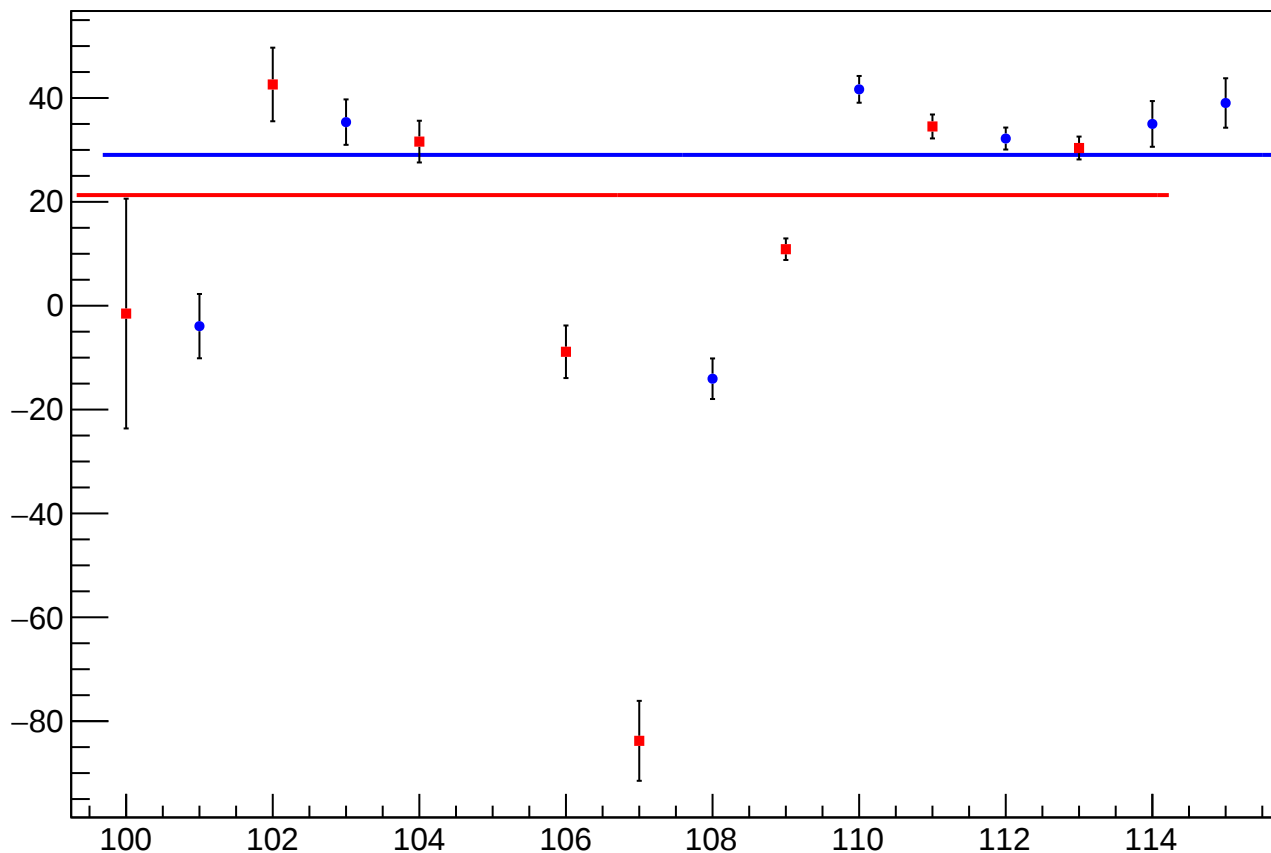
Right: -68.189+/-0.056 χ^2/NDF : 504128.1/14

In: -69.163+/-0.082 χ^2/NDF : 266538.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.189+/-0.056 χ^2/NDF : 504128.1/14

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 29.041 $\pm$ 1.277 χ^2 /NDF: 184.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.302 $\pm$ 1.142 χ^2 /NDF: 313.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

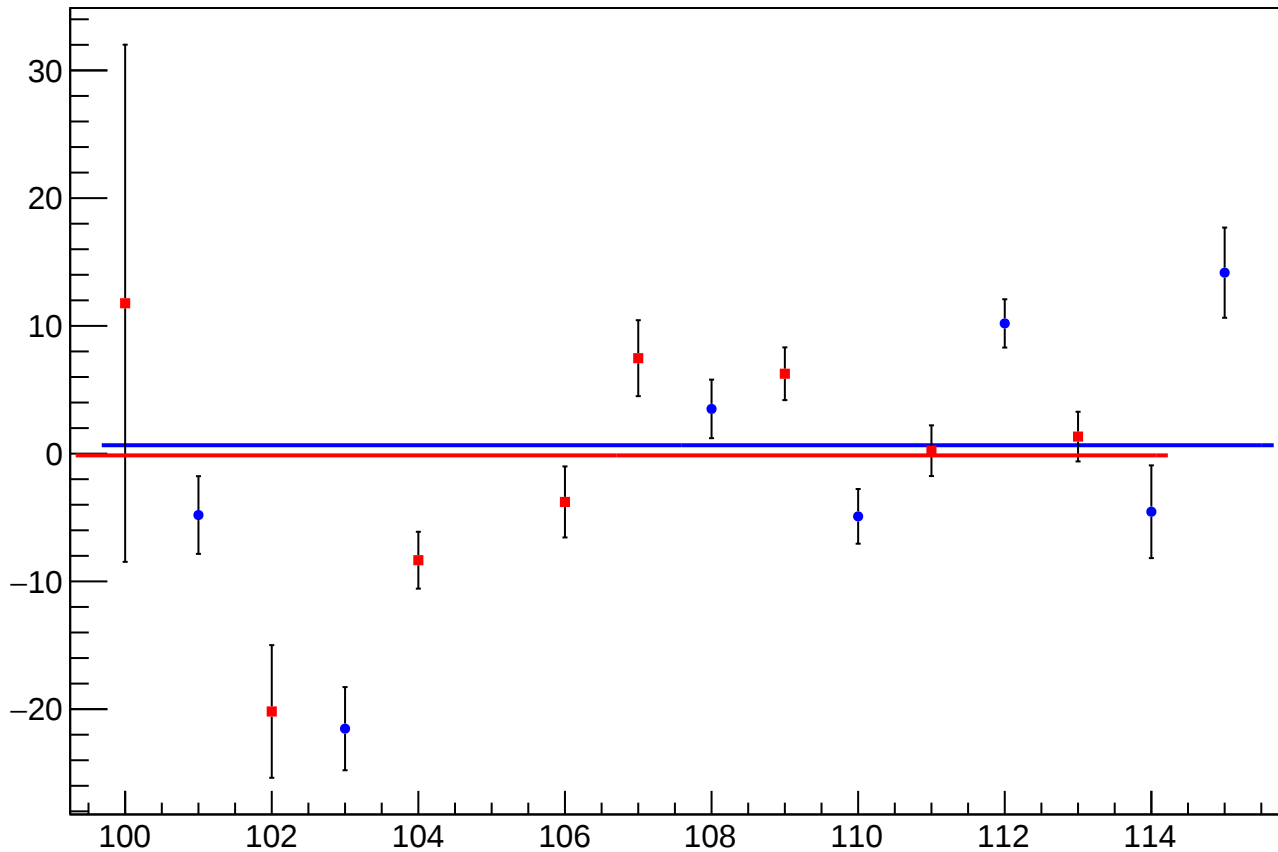
Right: 24.742 $\pm$ 0.851 χ^2 /NDF: 518.8/14

In: 29.041 $\pm$ 1.277 χ^2 /NDF: 184.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.742 $\pm$ 0.851 χ^2 /NDF: 518.8/14

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.658+/-0.977 χ^2/NDF : 100.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.135+/-0.899 χ^2/NDF : 47.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

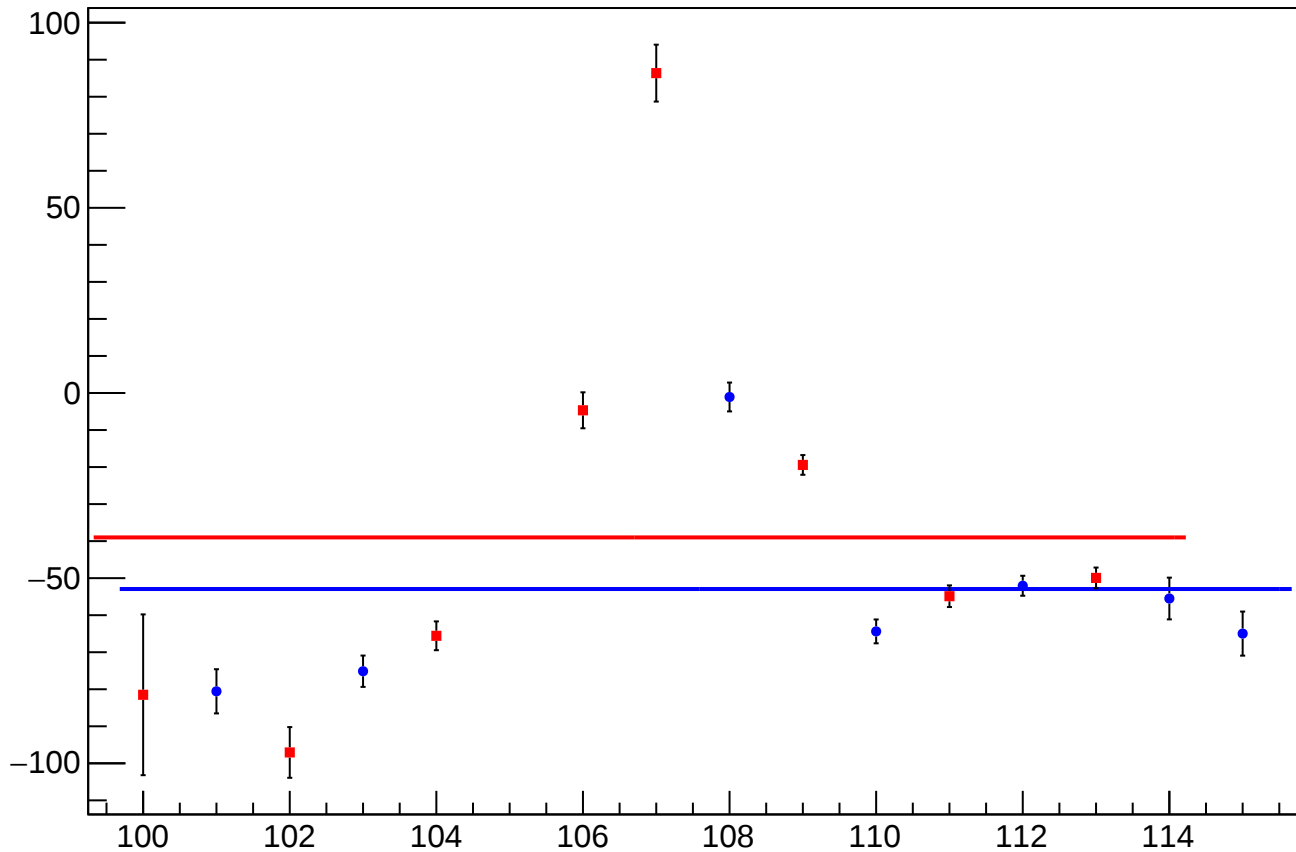
Right: 0.228+/-0.662 χ^2/NDF : 147.7/14

In: 0.658+/-0.977 χ^2/NDF : 100.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.228+/-0.662 χ^2/NDF : 147.7/14

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.934+/-1.502 χ^2/NDF : 243.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.998+/-1.367 χ^2/NDF : 537.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

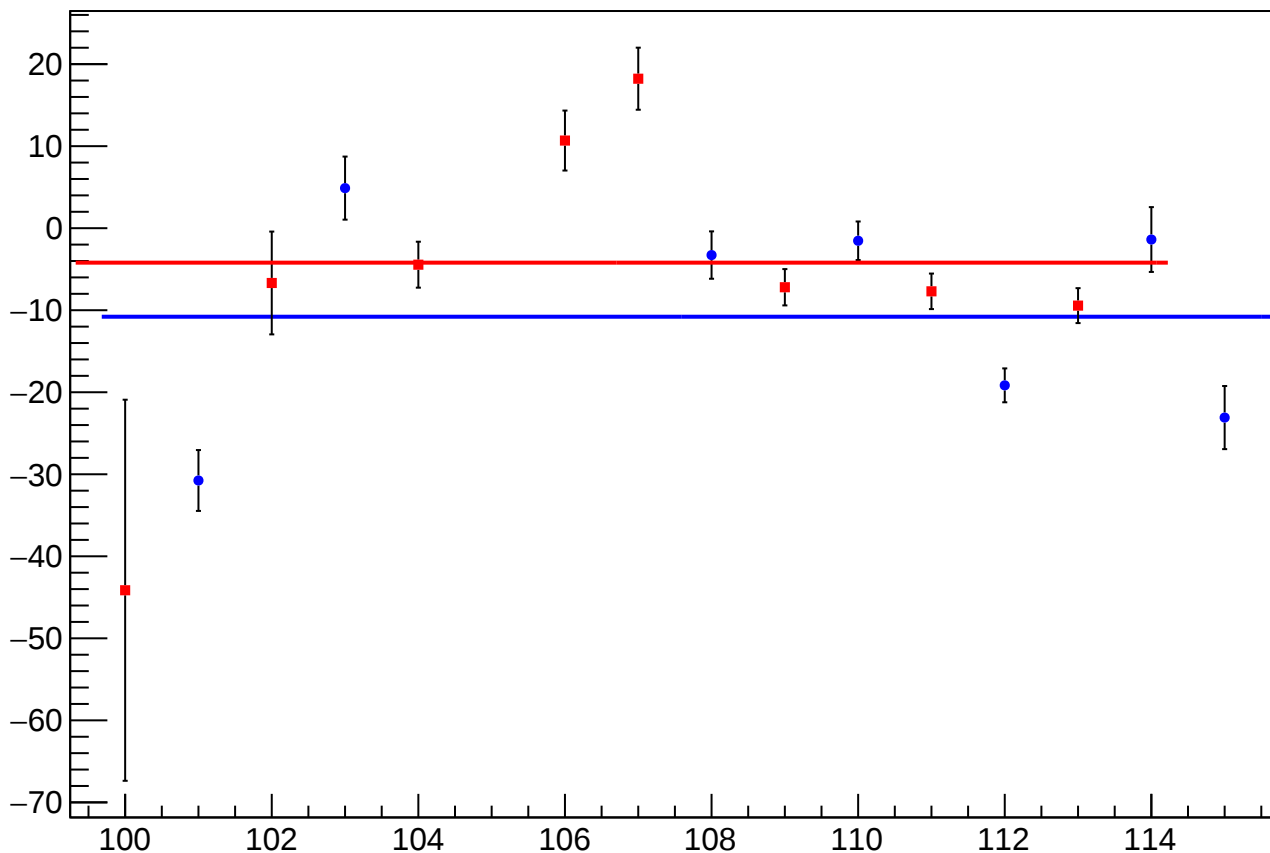
Right: -45.316+/-1.011 χ^2/NDF : 827.8/14

In: -52.934+/-1.502 χ^2/NDF : 243.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -45.316+/-1.011 χ^2/NDF : 827.8/14

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -10.793+/-1.113 χ^2/NDF : 100.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.201+/-1.033 χ^2/NDF : 65.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

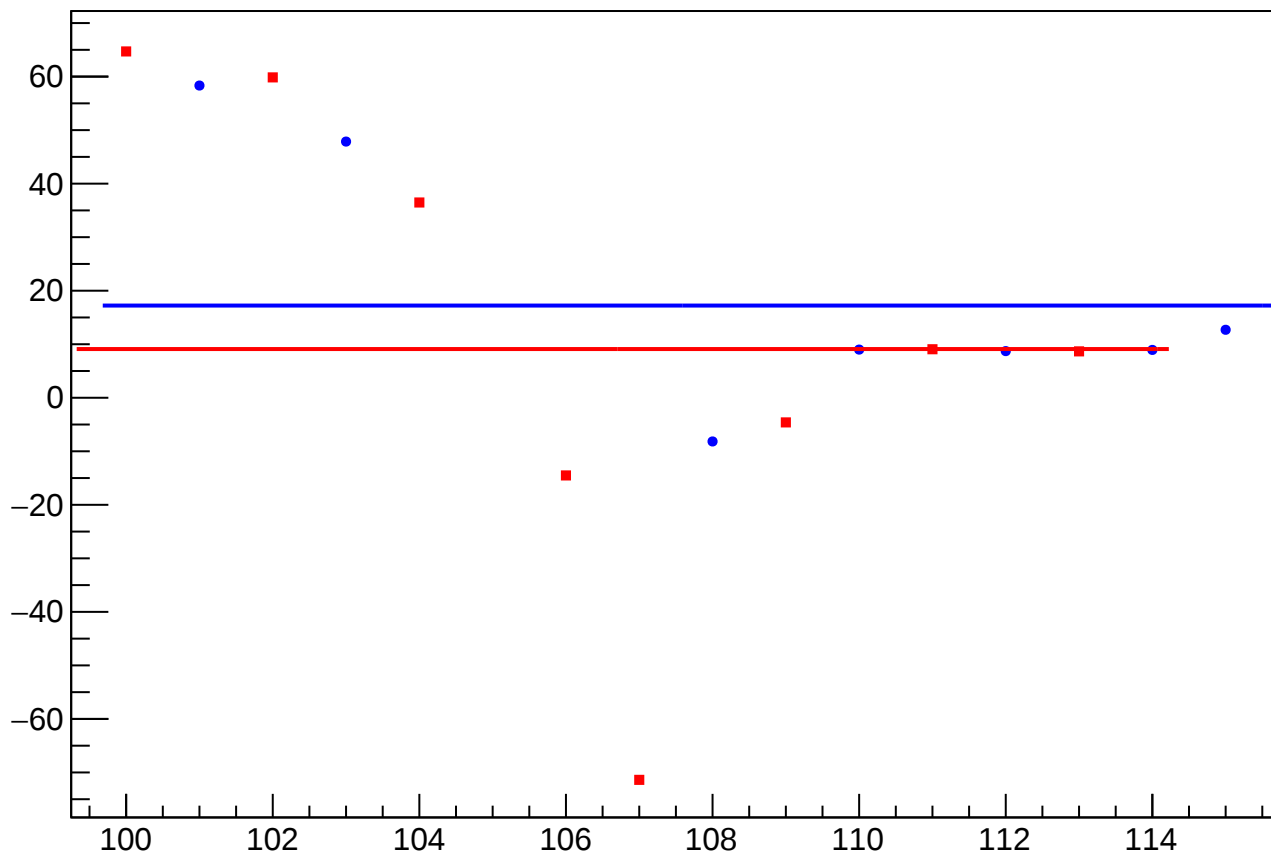
Right: -7.251+/-0.757 χ^2/NDF : 184.3/14

In: -10.793+/-1.113 χ^2/NDF : 100.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.251+/-0.757 χ^2/NDF : 184.3/14

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 17.224+/-0.050 χ^2/NDF : 231496.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.101+/-0.049 χ^2/NDF : 436746.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

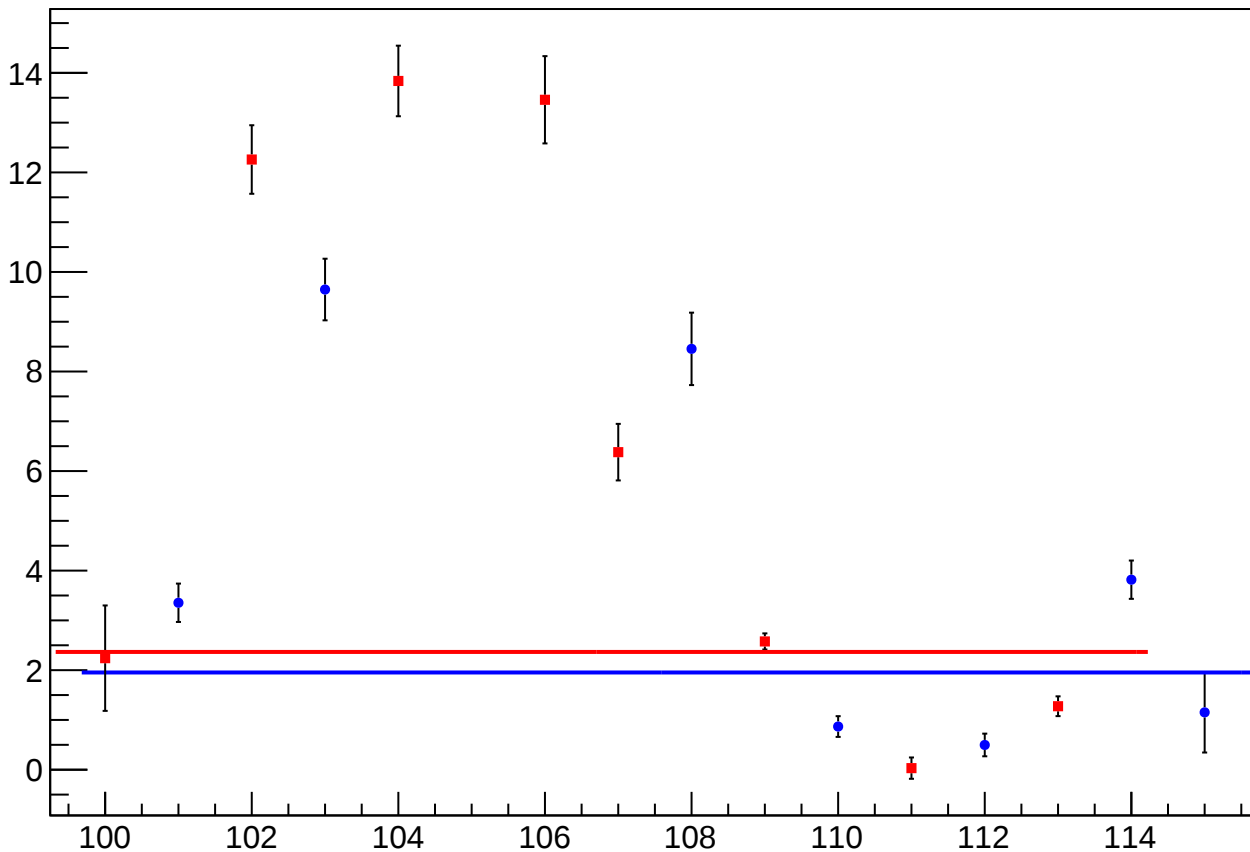
Right: 13.019+/-0.035 χ^2/NDF : 681704.7/14

In: 17.224+/-0.050 χ^2/NDF : 231496.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.019+/-0.035 χ^2/NDF : 681704.7/14

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.954+/-0.127 χ^2/NDF : 340.1/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2.366+/-0.103 χ^2/NDF : 828.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

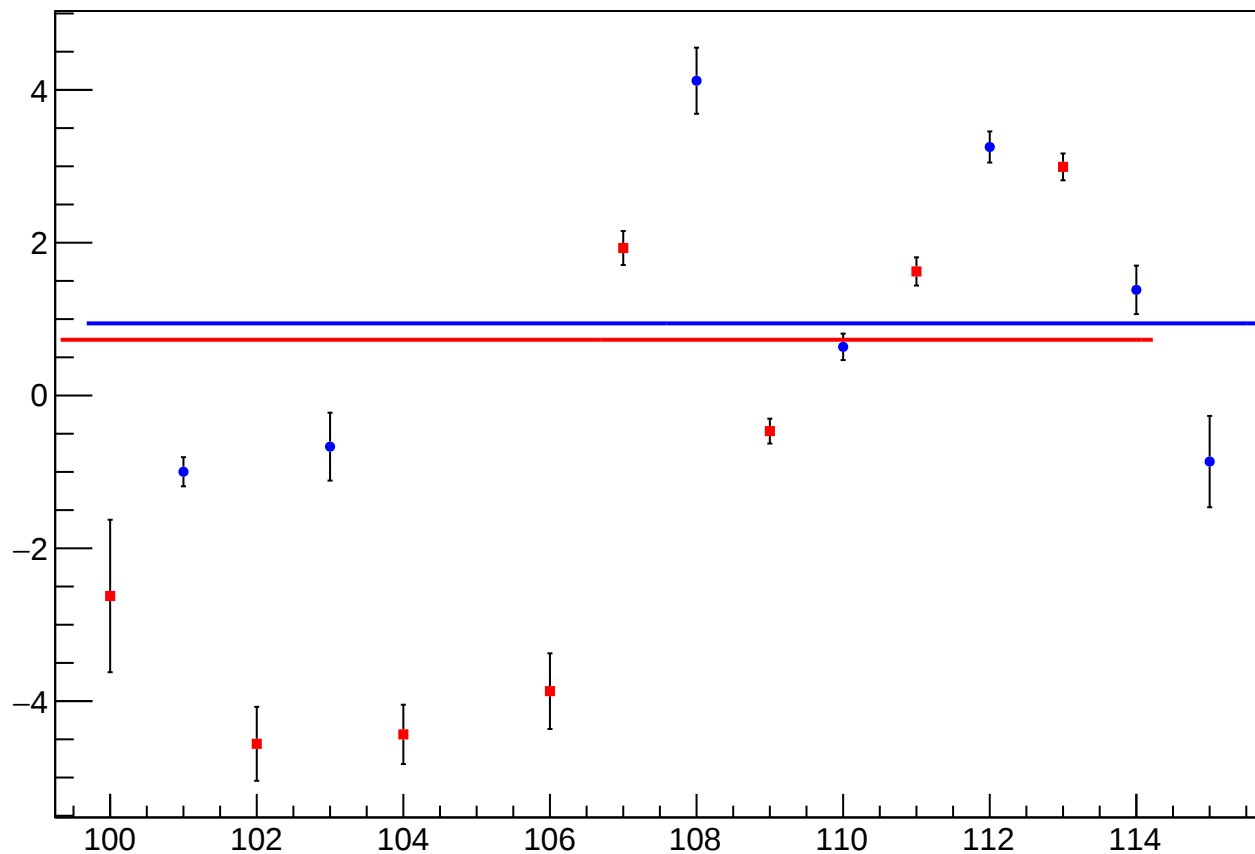
Right: 2.203+/-0.080 χ^2/NDF : 1175.3/14

In: 1.954+/-0.127 χ^2/NDF :340.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2.203+/-0.080 χ^2/NDF : 1175.3/14

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.944+/-0.096 χ^2/NDF : 313.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.730+/-0.086 χ^2/NDF : 666.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

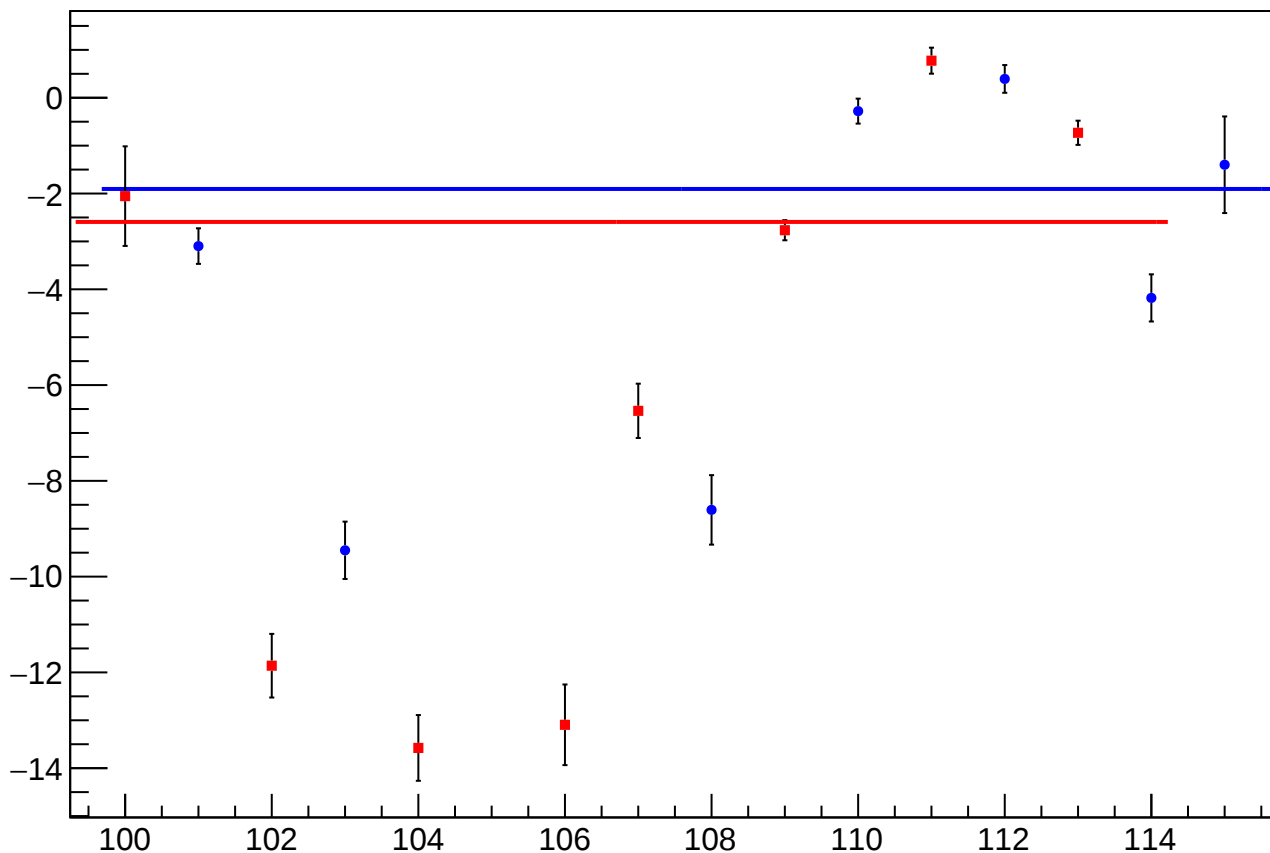
Right: 0.825+/-0.064 χ^2/NDF : 983.2/14

In: 0.944+/-0.096 χ^2/NDF : 313.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.825+/-0.064 χ^2/NDF : 983.2/14

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.905+/-0.151 χ^2/NDF : 377.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.593+/-0.127 χ^2/NDF : 863.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

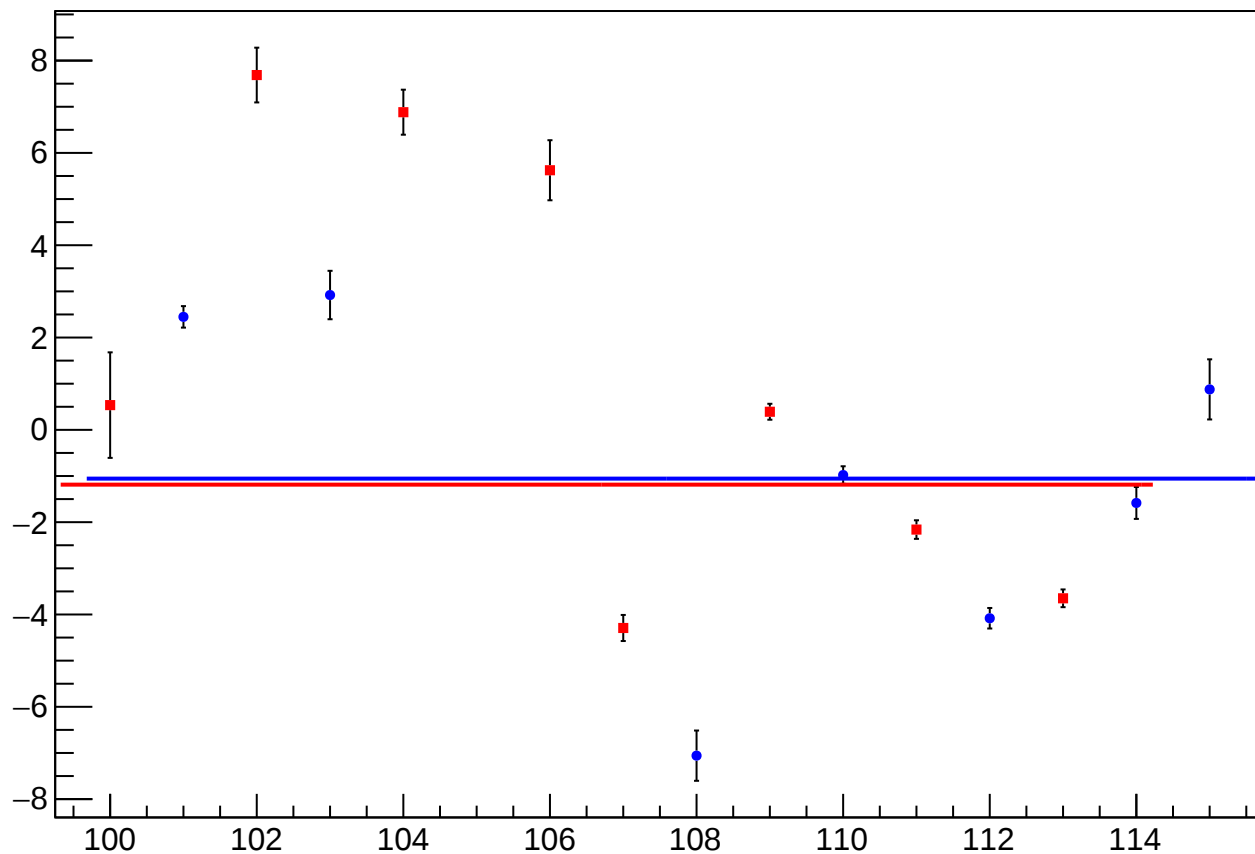
Right: -2.308+/-0.097 χ^2/NDF : 1253.4/14

In: -1.905+/-0.151 χ^2/NDF : 377.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.308+/-0.097 χ^2/NDF : 1253.4/14

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.056+/-0.109 χ^2/NDF : 601.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.187+/-0.096 χ^2/NDF : 1001.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

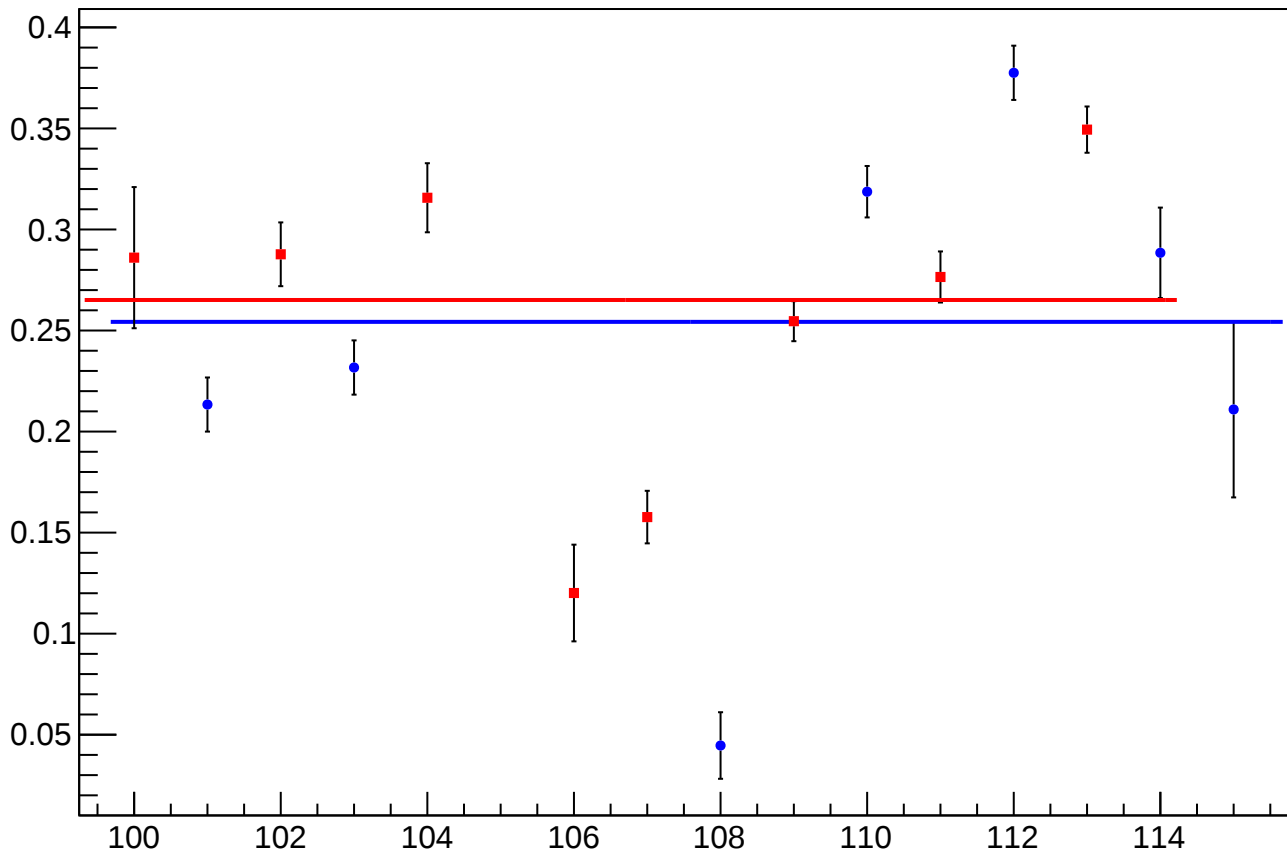
Right: -1.130+/-0.072 χ^2/NDF : 1604.5/14

In: -1.056+/-0.109 χ^2/NDF : 601.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.130+/-0.072 χ^2/NDF : 1604.5/14

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.254 $\pm$ 0.006 χ^2 /NDF: 287.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.265 $\pm$ 0.005 χ^2 /NDF: 172.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

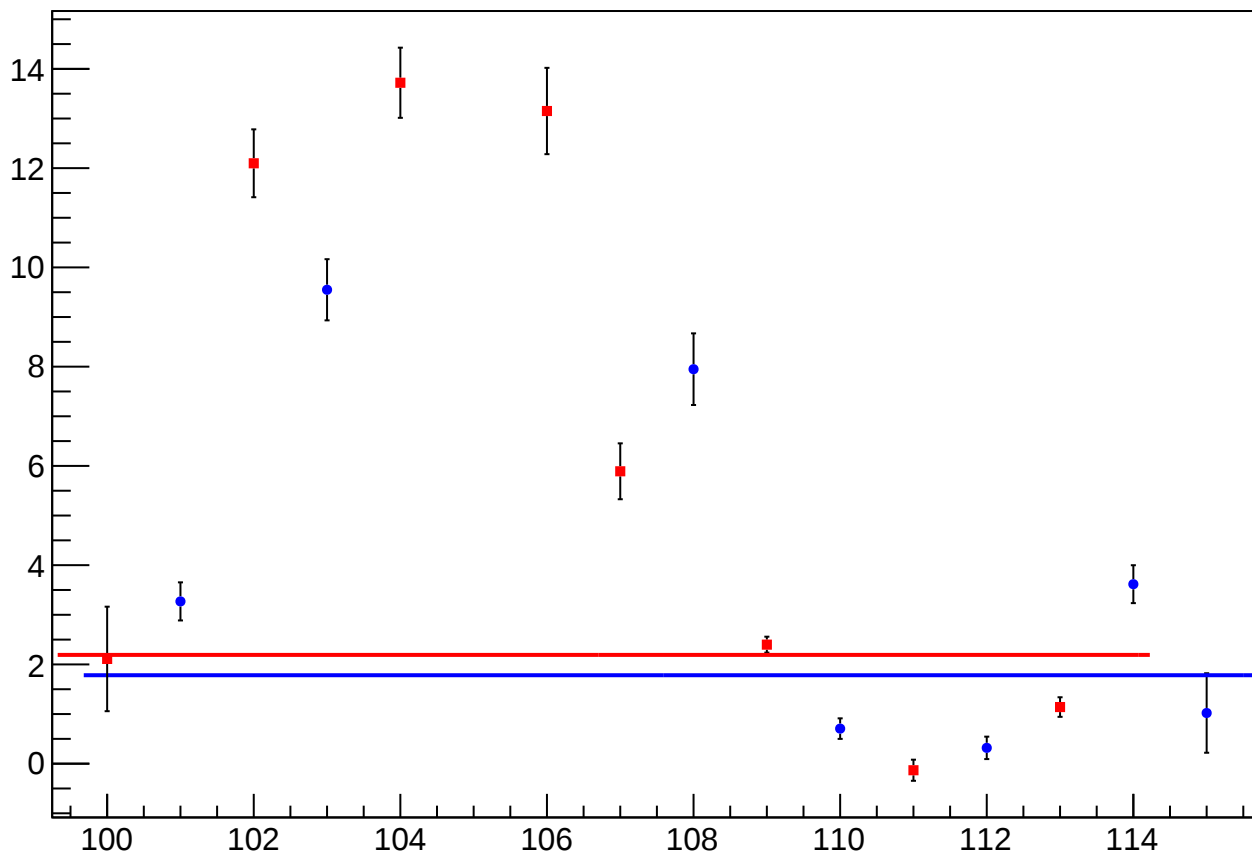
Right: 0.261 $\pm$ 0.004 χ^2 /NDF: 461.7/14

In: 0.254 $\pm$ 0.006 χ^2 /NDF:287.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.261 $\pm$ 0.004 χ^2 /NDF: 461.7/14

reg_asym_bcm_an_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.782+/-0.126 χ^2/NDF : 339.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.192+/-0.102 χ^2/NDF : 827.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

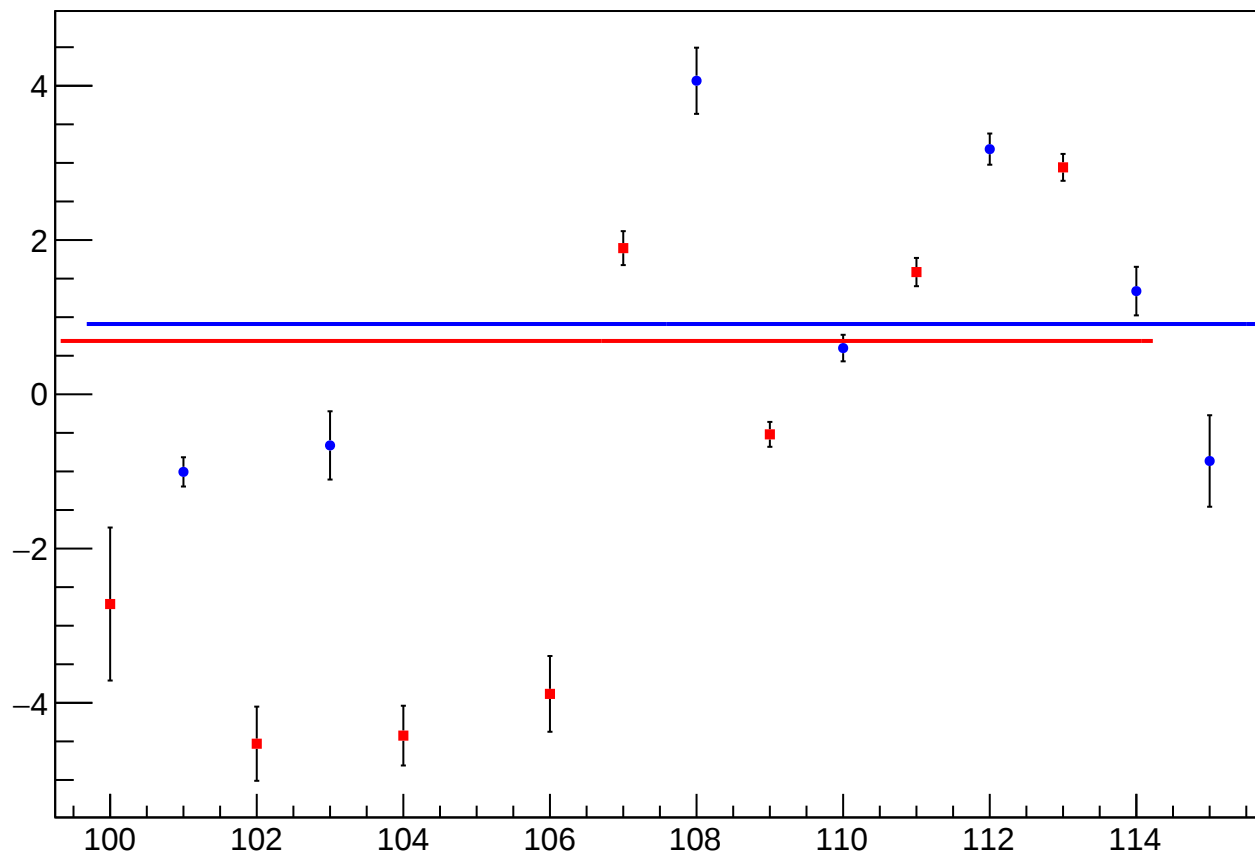
Right: 2.030+/-0.079 χ^2/NDF : 1173.3/14

In: 1.782+/-0.126 χ^2/NDF : 339.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.030+/-0.079 χ^2/NDF : 1173.3/14

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.911+/-0.096 χ^2/NDF : 308.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.692+/-0.085 χ^2/NDF : 667.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

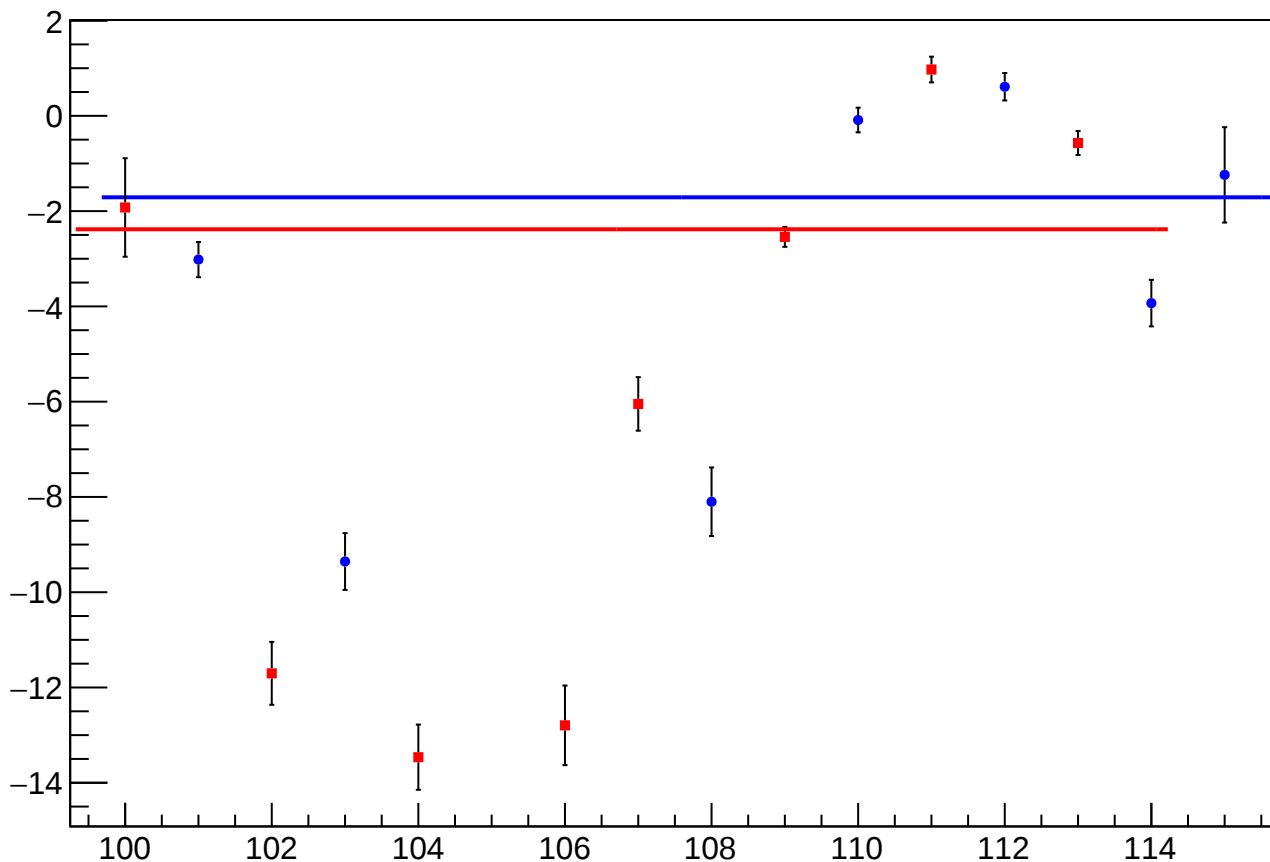
Right: 0.789+/-0.064 χ^2/NDF : 979.5/14

In: 0.911+/-0.096 χ^2/NDF : 308.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.789+/-0.064 χ^2/NDF : 979.5/14

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.710+/-0.150 χ^2/NDF : 381.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.381+/-0.126 χ^2/NDF : 867.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

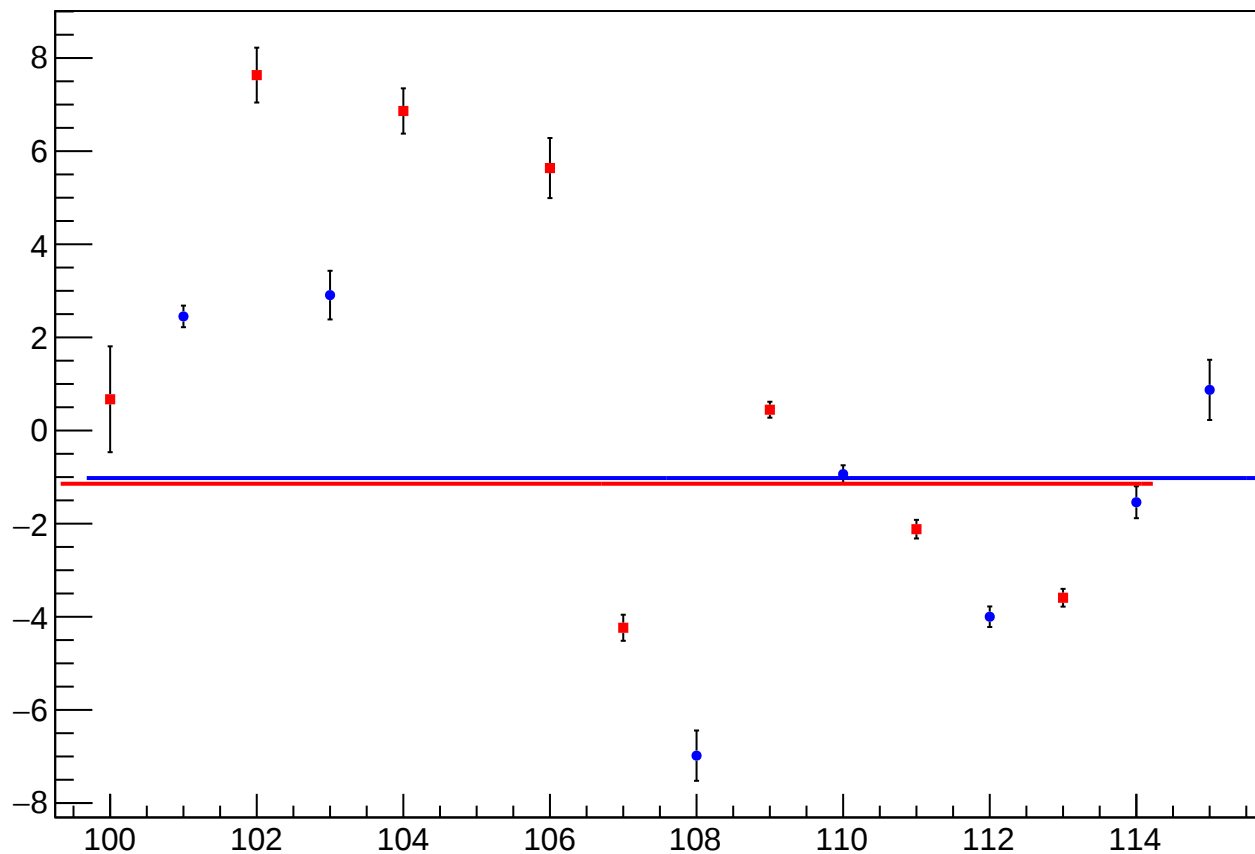
Right: -2.103+/-0.097 χ^2/NDF : 1259.9/14

In: -1.710+/-0.150 χ^2/NDF : 381.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.103+/-0.097 χ^2/NDF : 1259.9/14

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.021+/-0.108 χ^2/NDF : 595.6/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.143+/-0.095 χ^2/NDF : 1003.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

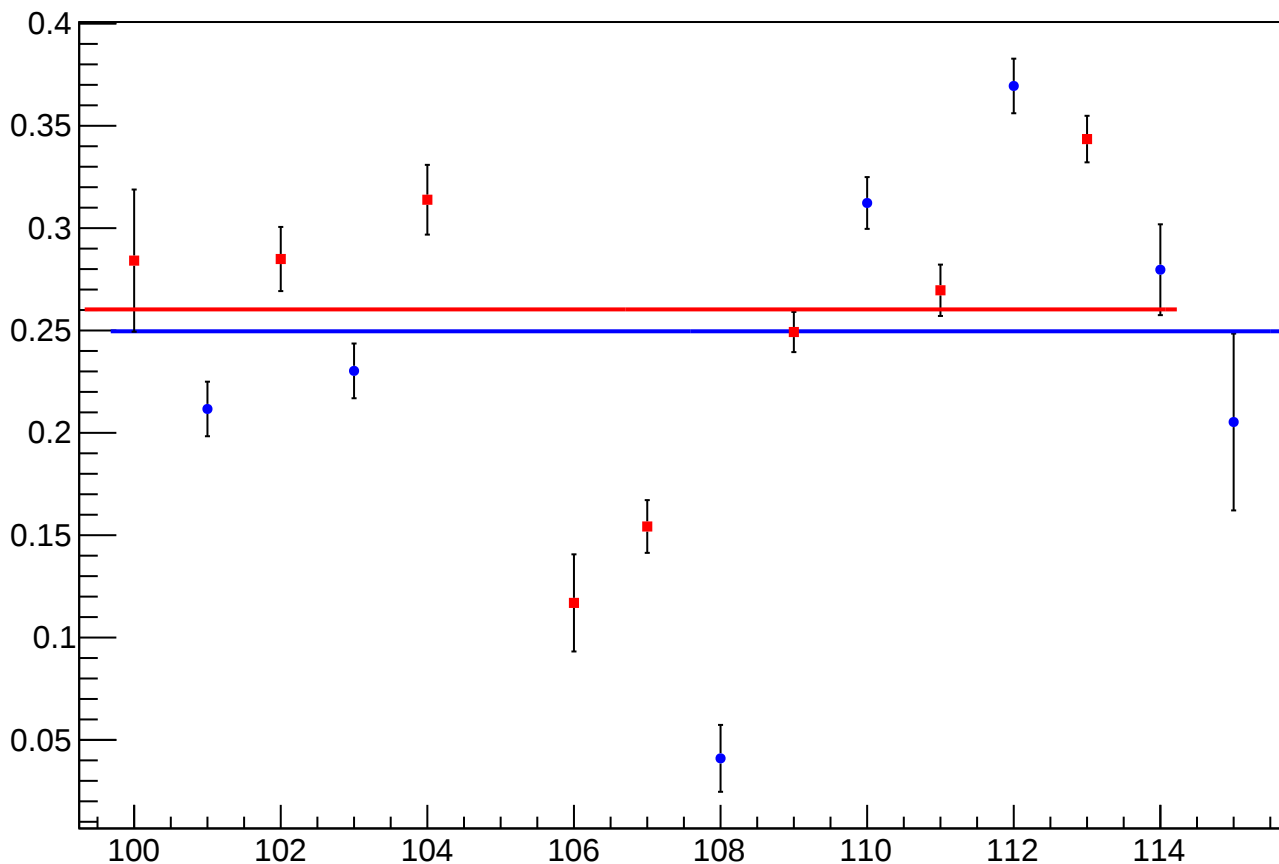
Right: -1.089+/-0.072 χ^2/NDF : 1599.3/14

In: -1.021+/-0.108 χ^2/NDF :595.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.089+/-0.072 χ^2/NDF : 1599.3/14

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.250+/-0.006 χ^2/NDF : 281.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.260+/-0.005 χ^2/NDF : 172.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

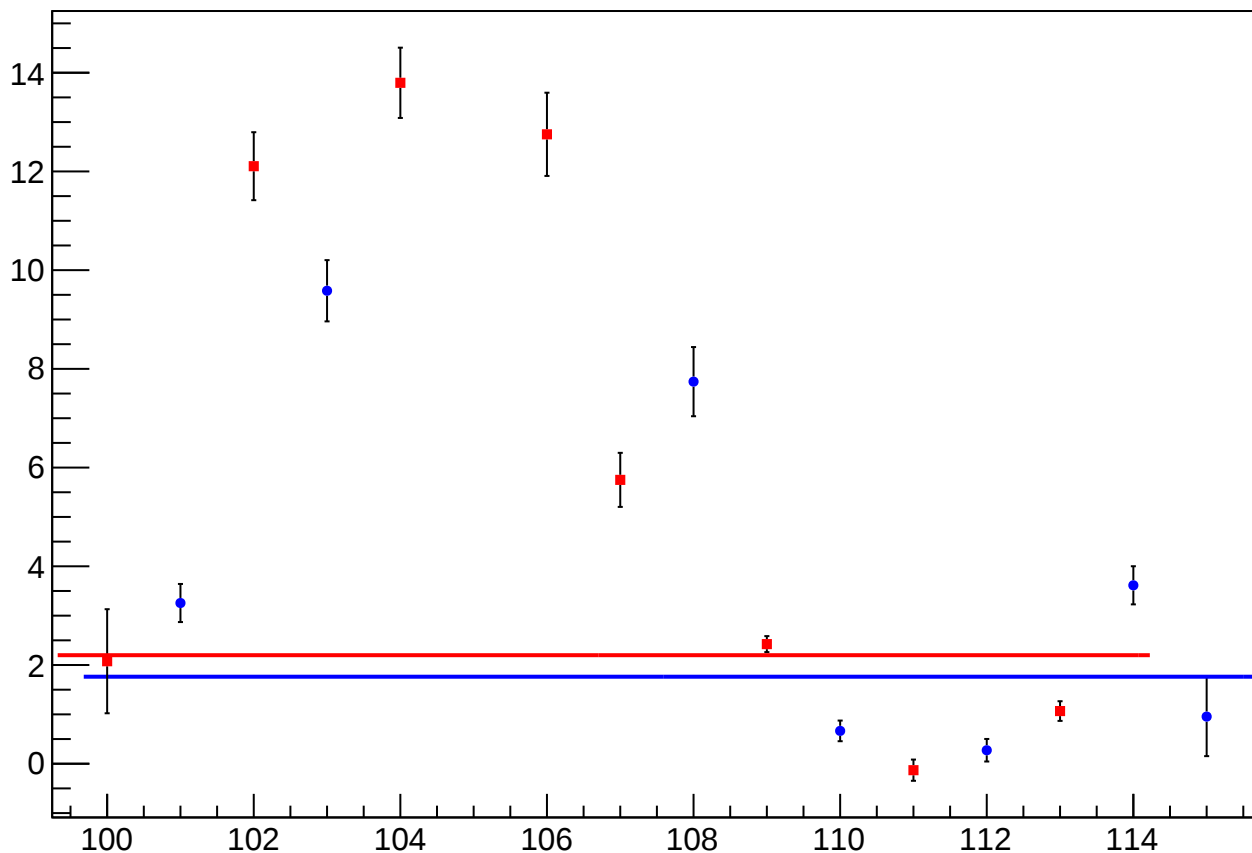
Right: 0.256+/-0.004 χ^2/NDF : 455.9/14

In: 0.250+/-0.006 χ^2/NDF : 281.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.256+/-0.004 χ^2/NDF : 455.9/14

reg_asym_bcm_an_us_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.763+/-0.127 χ^2/NDF : 340.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.199+/-0.103 χ^2/NDF : 822.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

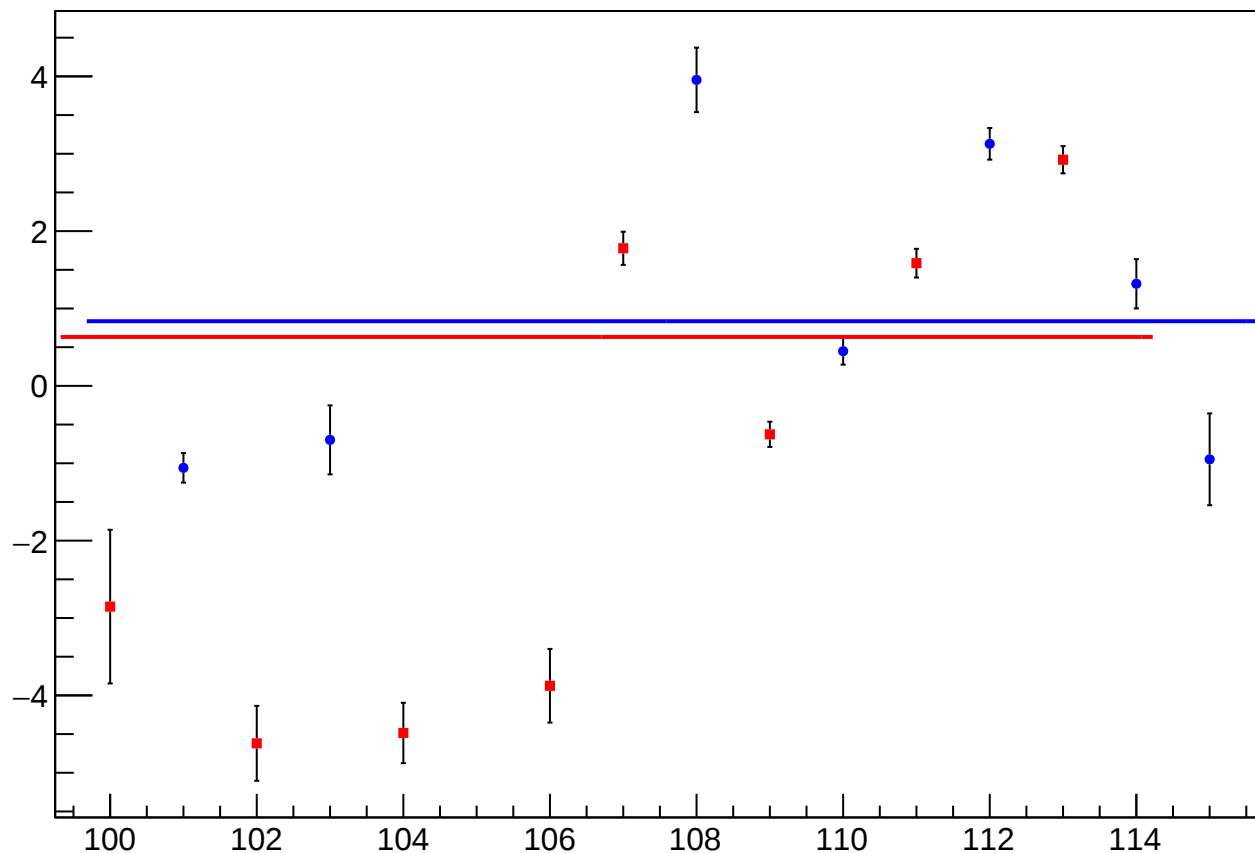
Right: 2.027+/-0.080 χ^2/NDF : 1170.3/14

In: 1.763+/-0.127 χ^2/NDF : 340.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.027+/-0.080 χ^2/NDF : 1170.3/14

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.836+/-0.096 χ^2/NDF : 308.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.632+/-0.085 χ^2/NDF : 675.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

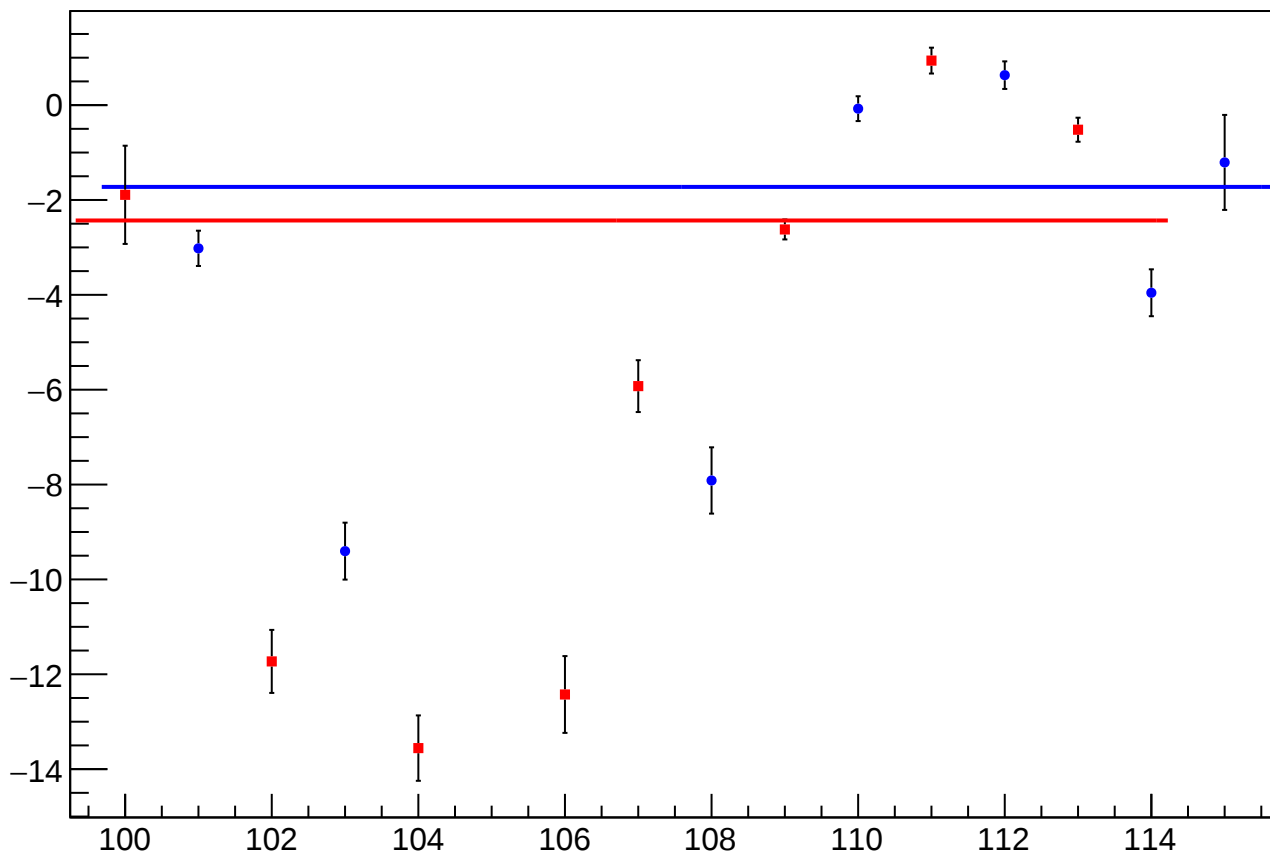
Right: 0.722+/-0.064 χ^2/NDF : 986.9/14

In: 0.836+/-0.096 χ^2/NDF : 308.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.722+/-0.064 χ^2/NDF : 986.9/14

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.724+/-0.151 χ^2/NDF : 380.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.432+/-0.127 χ^2/NDF : 860.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

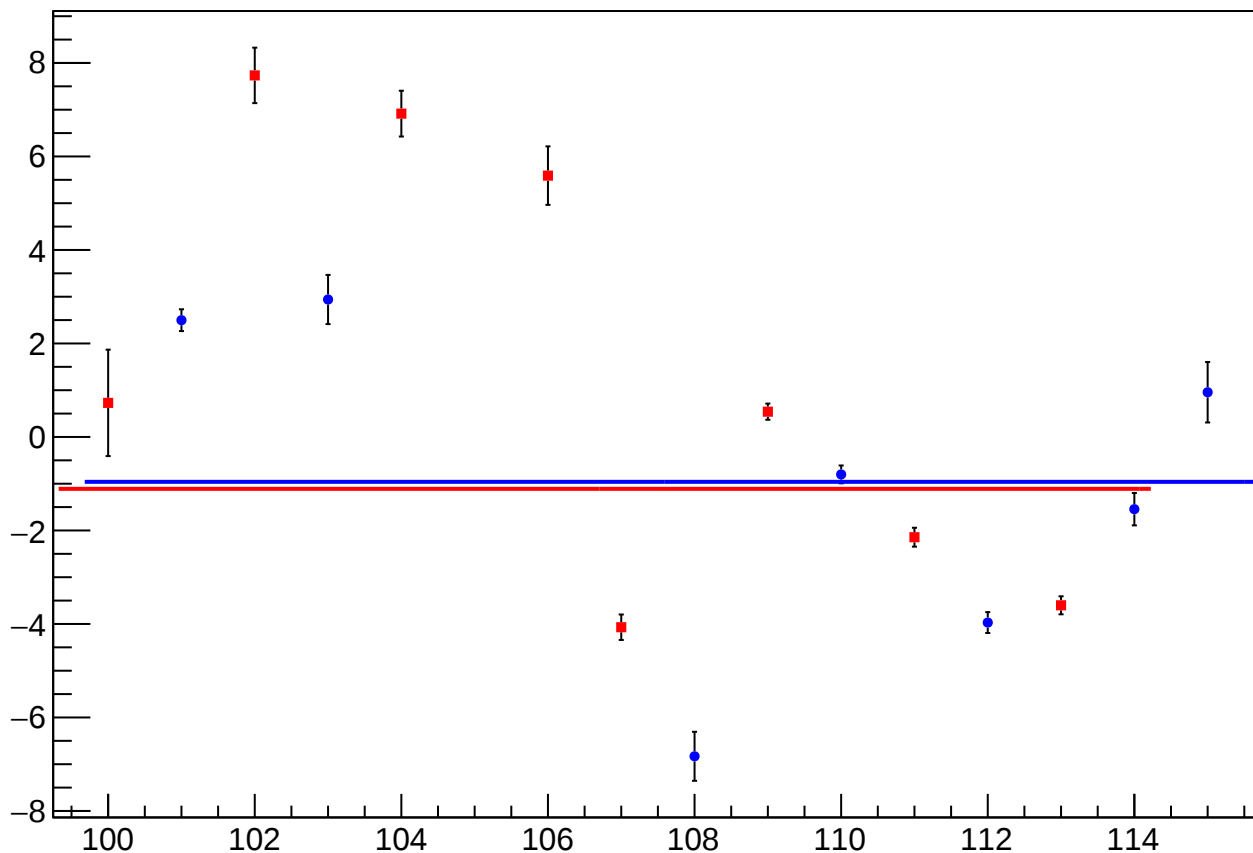
Right: -2.139+/-0.097 χ^2/NDF : 1253.5/14

In: -1.724+/-0.151 χ^2/NDF : 380.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.139+/-0.097 χ^2/NDF : 1253.5/14

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.960 $\pm$ 0.109 χ^2 /NDF: 594.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.109 $\pm$ 0.096 χ^2 /NDF: 1010.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

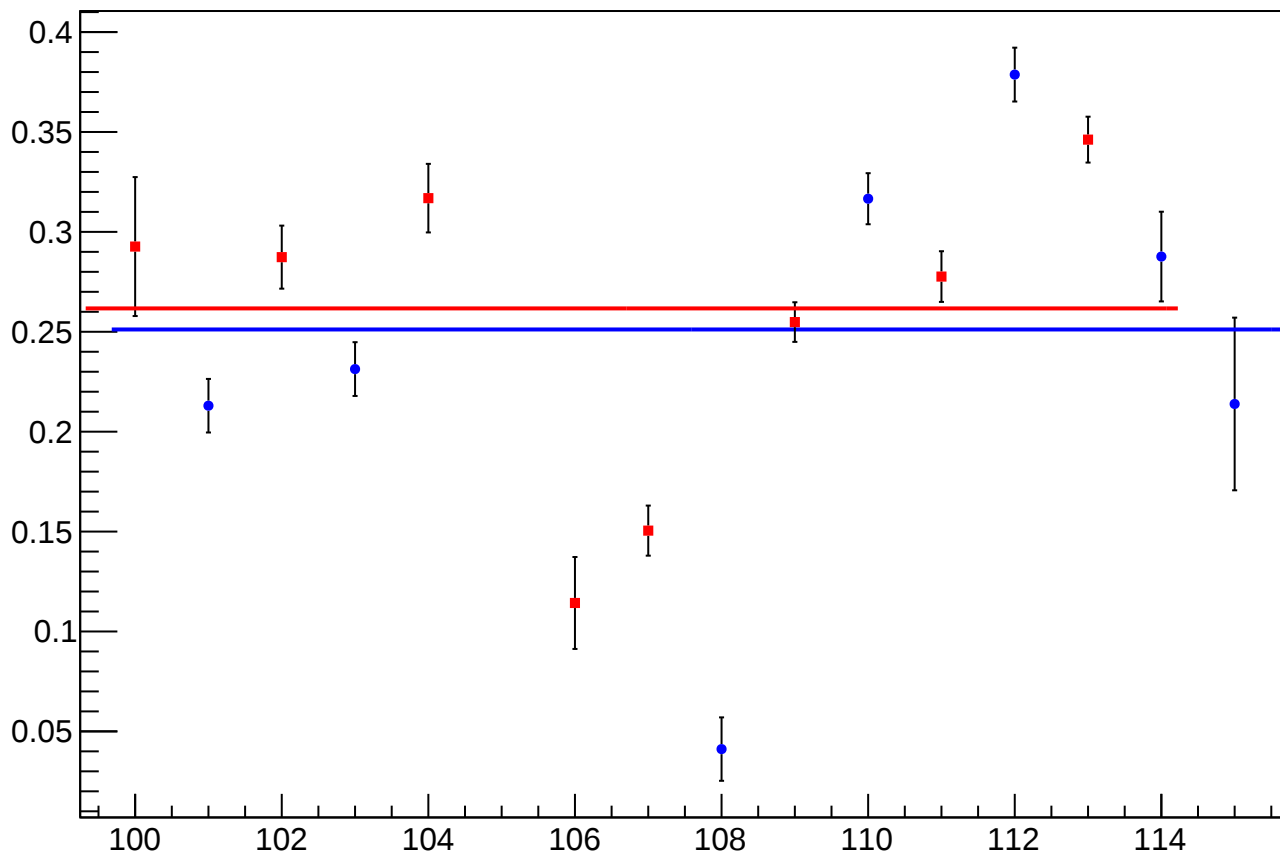
Right: -1.044 $\pm$ 0.072 χ^2 /NDF: 1606.3/14

In: -0.960 $\pm$ 0.109 χ^2 /NDF:594.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.044 $\pm$ 0.072 χ^2 /NDF: 1606.3/14

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.251+/-0.006 χ^2/NDF : 304.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.262+/-0.005 χ^2/NDF : 189.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

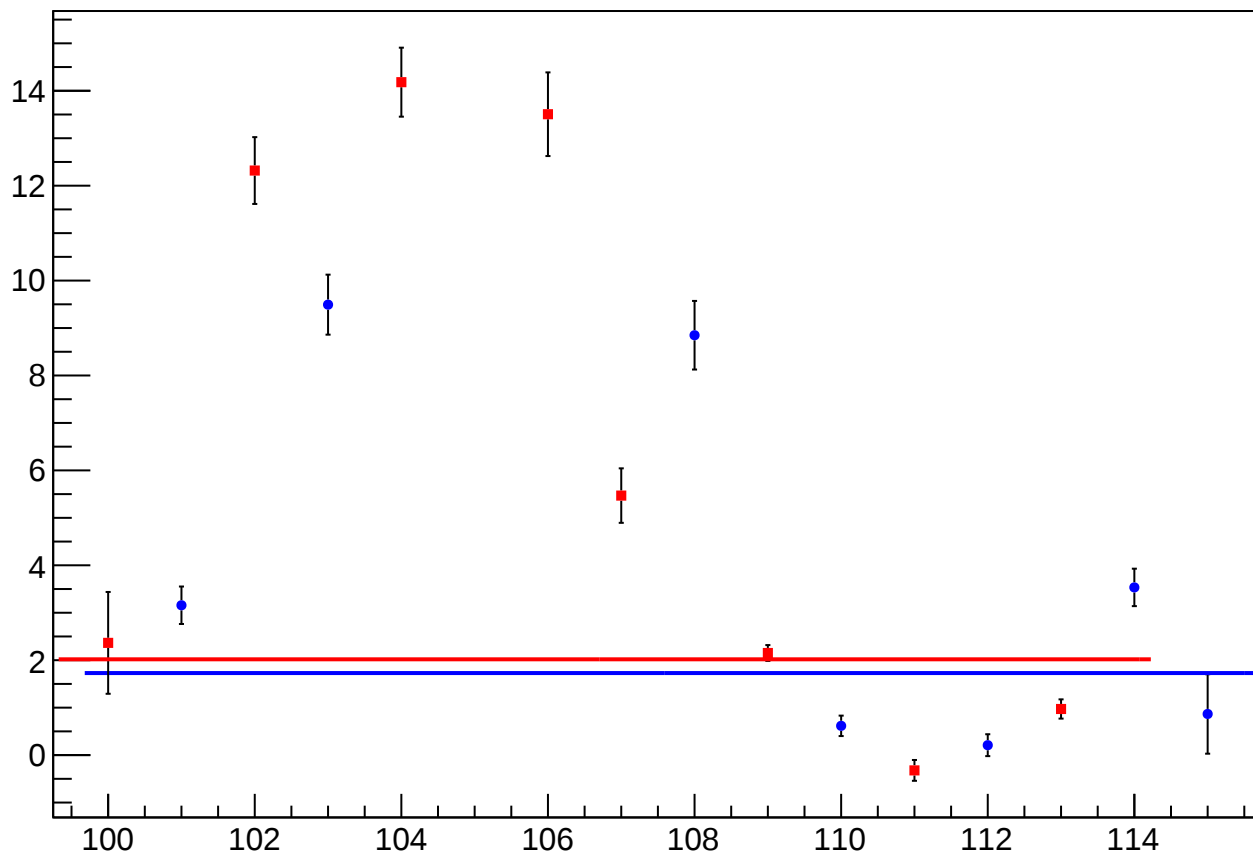
Right: 0.257+/-0.004 χ^2/NDF : 496.3/14

In: 0.251+/-0.006 χ^2/NDF : 304.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.257+/-0.004 χ^2/NDF : 496.3/14

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.729+/-0.130 χ^2/NDF : 353.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.019+/-0.105 χ^2/NDF : 841.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

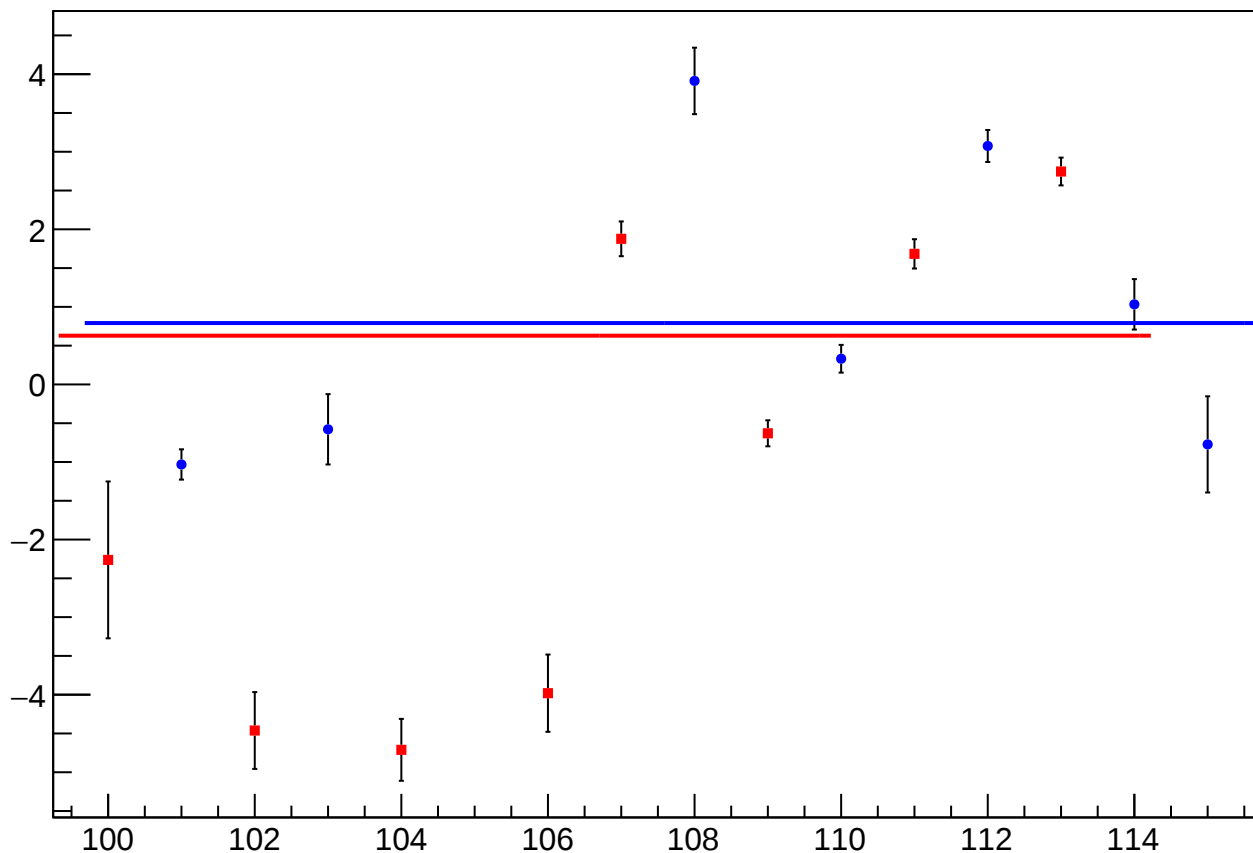
Right: 1.904+/-0.082 χ^2/NDF : 1197.1/14

In: 1.729+/-0.130 χ^2/NDF : 353.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.904+/-0.082 χ^2/NDF : 1197.1/14

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.791+/-0.098 χ^2/NDF : 285.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.629+/-0.088 χ^2/NDF : 636.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

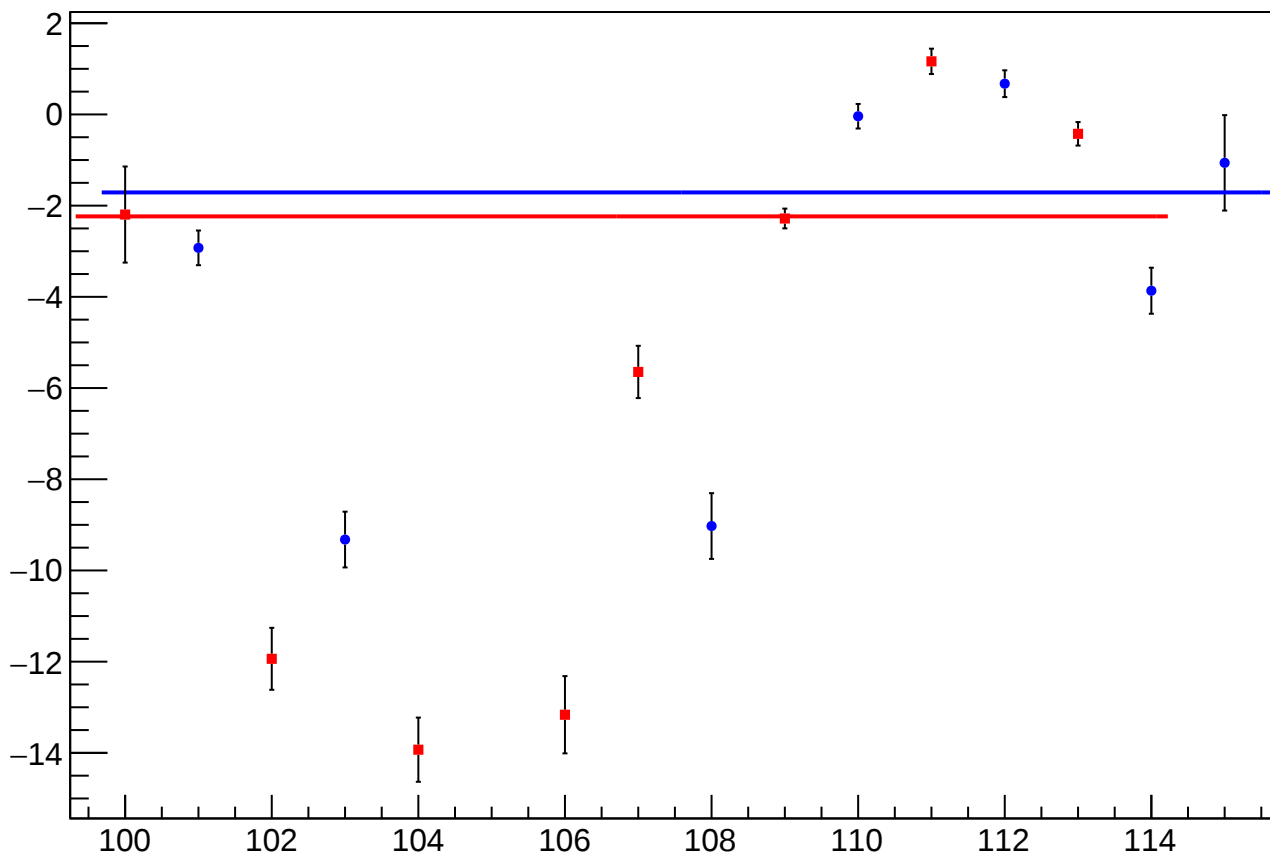
Right: 0.701+/-0.065 χ^2/NDF : 923.3/14

In: 0.791+/-0.098 χ^2/NDF : 285.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.701+/-0.065 χ^2/NDF : 923.3/14

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.710+/-0.155 χ^2/NDF : 391.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.236+/-0.130 χ^2/NDF : 880.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

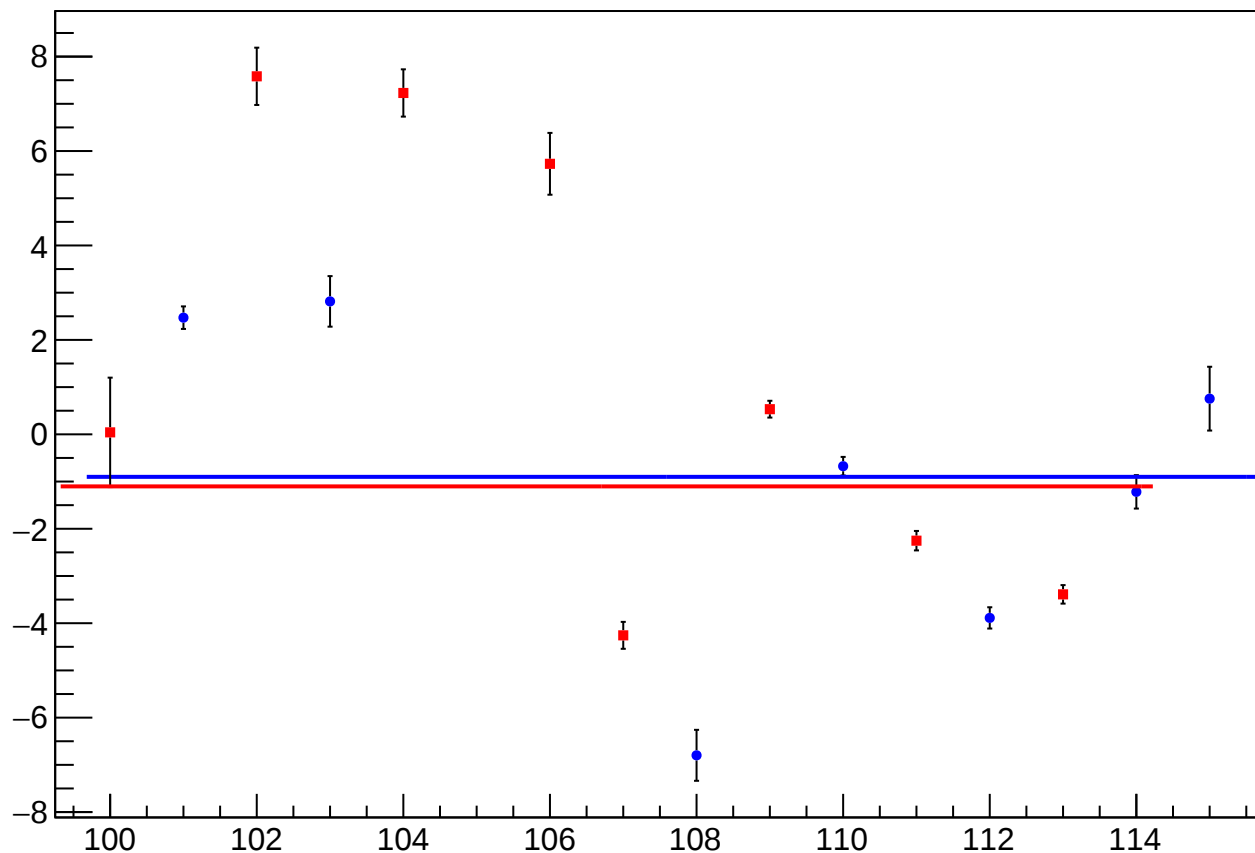
Right: -2.018+/-0.100 χ^2/NDF : 1278.4/14

In: -1.710+/-0.155 χ^2/NDF : 391.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.018+/-0.100 χ^2/NDF : 1278.4/14

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.900 ± 0.112 χ^2/NDF : 550.7/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.103 ± 0.098 χ^2/NDF : 965.4/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

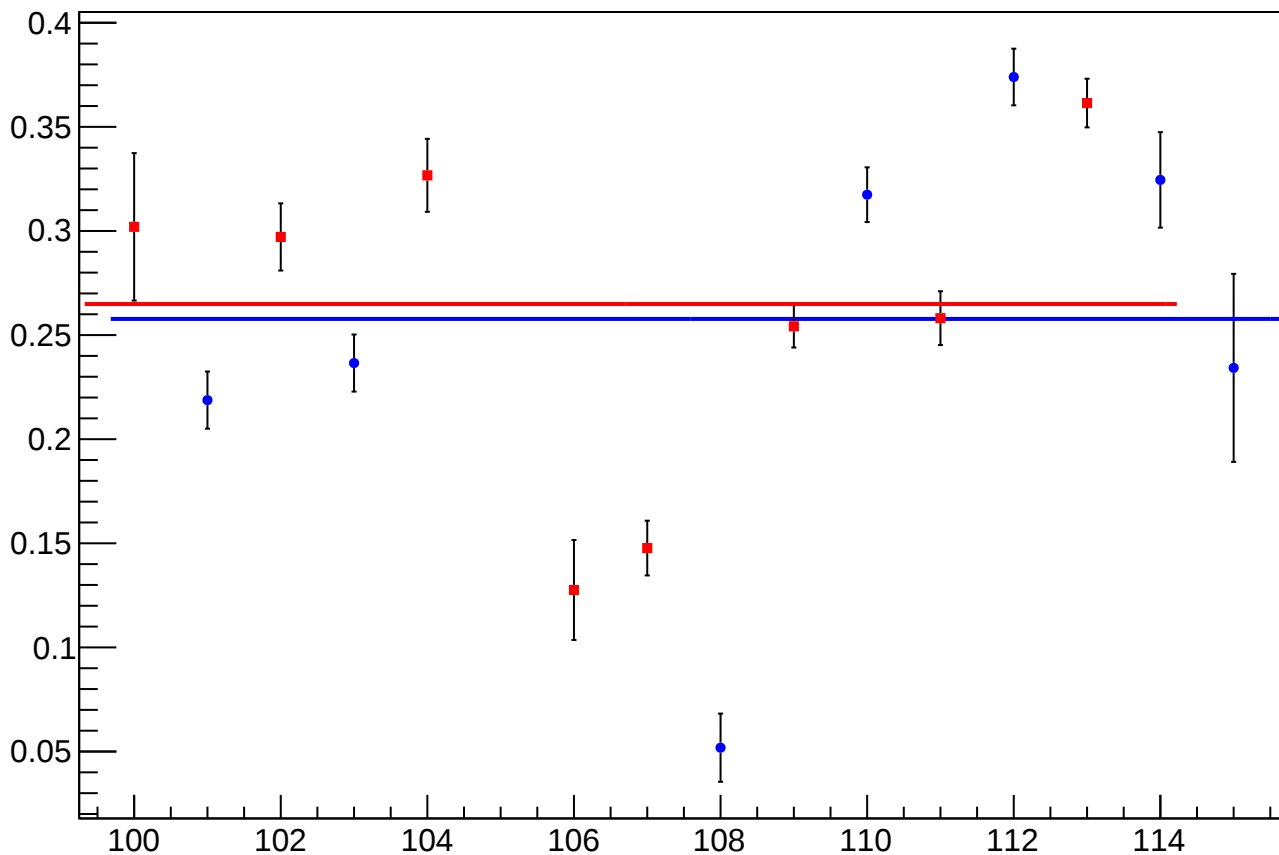
Right: -1.014 ± 0.074 χ^2/NDF : 1518.0/14

In: -0.900 ± 0.112 χ^2/NDF : 550.7/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.014 ± 0.074 χ^2/NDF : 1518.0/14

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.258+/-0.006 χ^2/NDF : 270.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.265+/-0.005 χ^2/NDF : 199.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

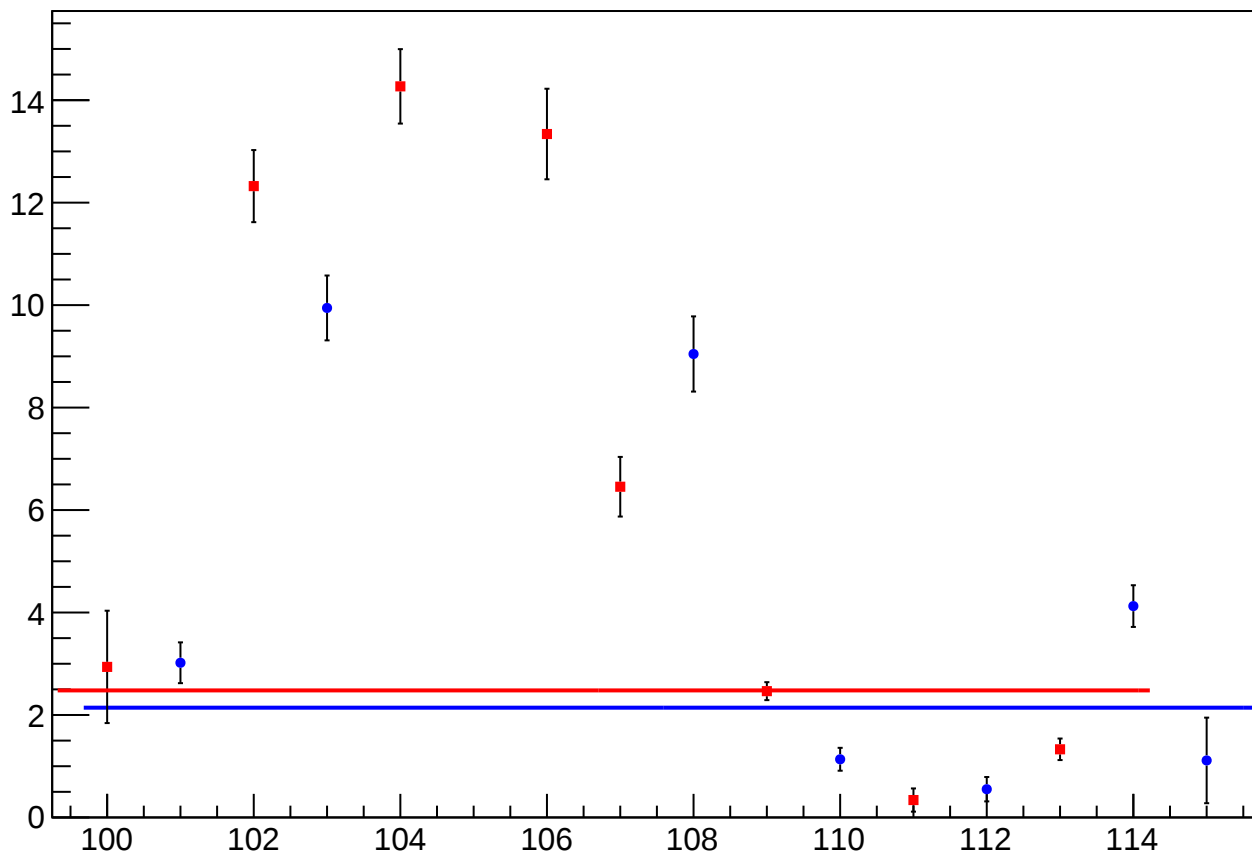
Right: 0.262+/-0.004 χ^2/NDF : 471.1/14

In: 0.258+/-0.006 χ^2/NDF : 270.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.262+/-0.004 χ^2/NDF : 471.1/14

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 2.143+/-0.134 χ^2/NDF : 335.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.480+/-0.109 χ^2/NDF : 776.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

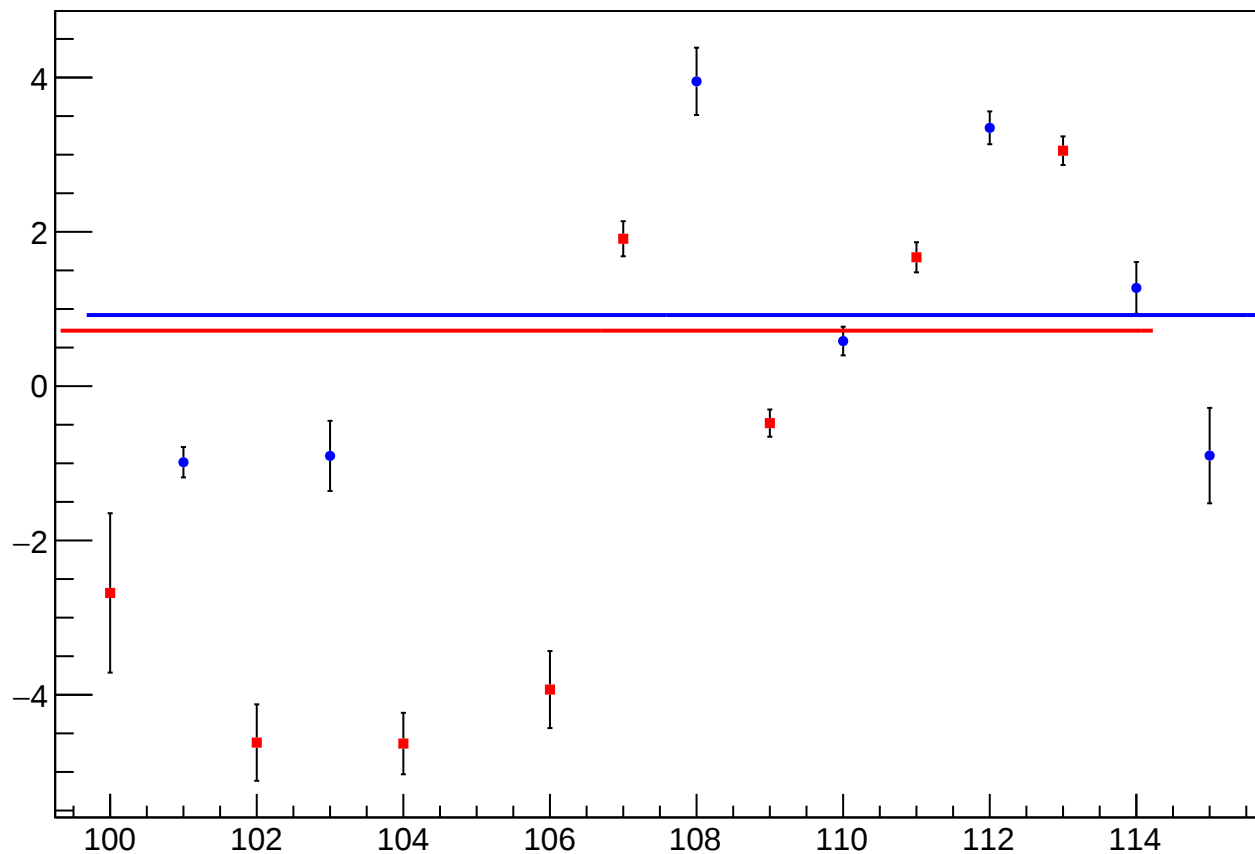
Right: 2.345+/-0.085 χ^2/NDF : 1115.5/14

In: 2.143+/-0.134 χ^2/NDF : 335.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.345+/-0.085 χ^2/NDF : 1115.5/14

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.922+/-0.101 χ^2/NDF : 301.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.719+/-0.091 χ^2/NDF : 649.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

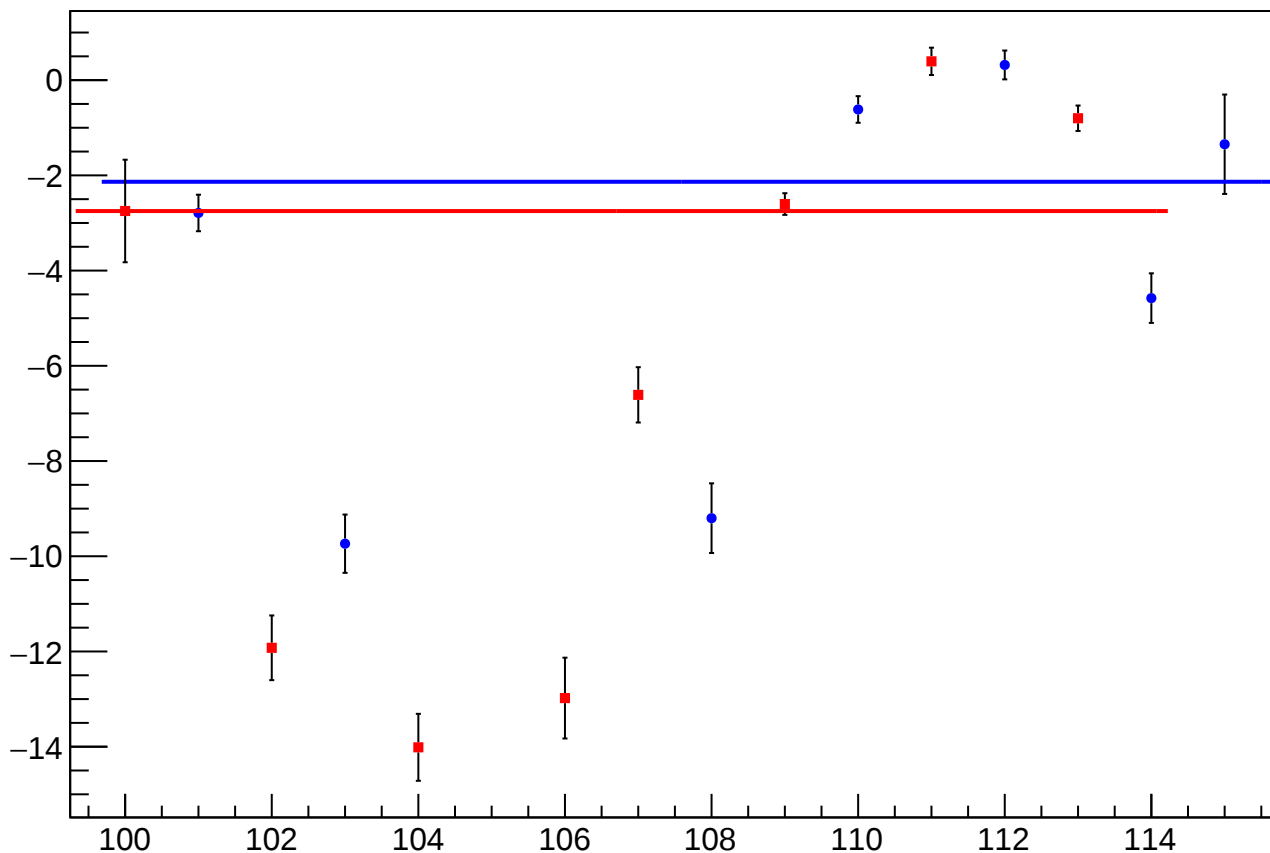
Right: 0.810+/-0.067 χ^2/NDF : 953.1/14

In: 0.922+/-0.101 χ^2/NDF : 301.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.810+/-0.067 χ^2/NDF : 953.1/14

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.134+/-0.159 χ^2/NDF : 368.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.750+/-0.135 χ^2/NDF : 801.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

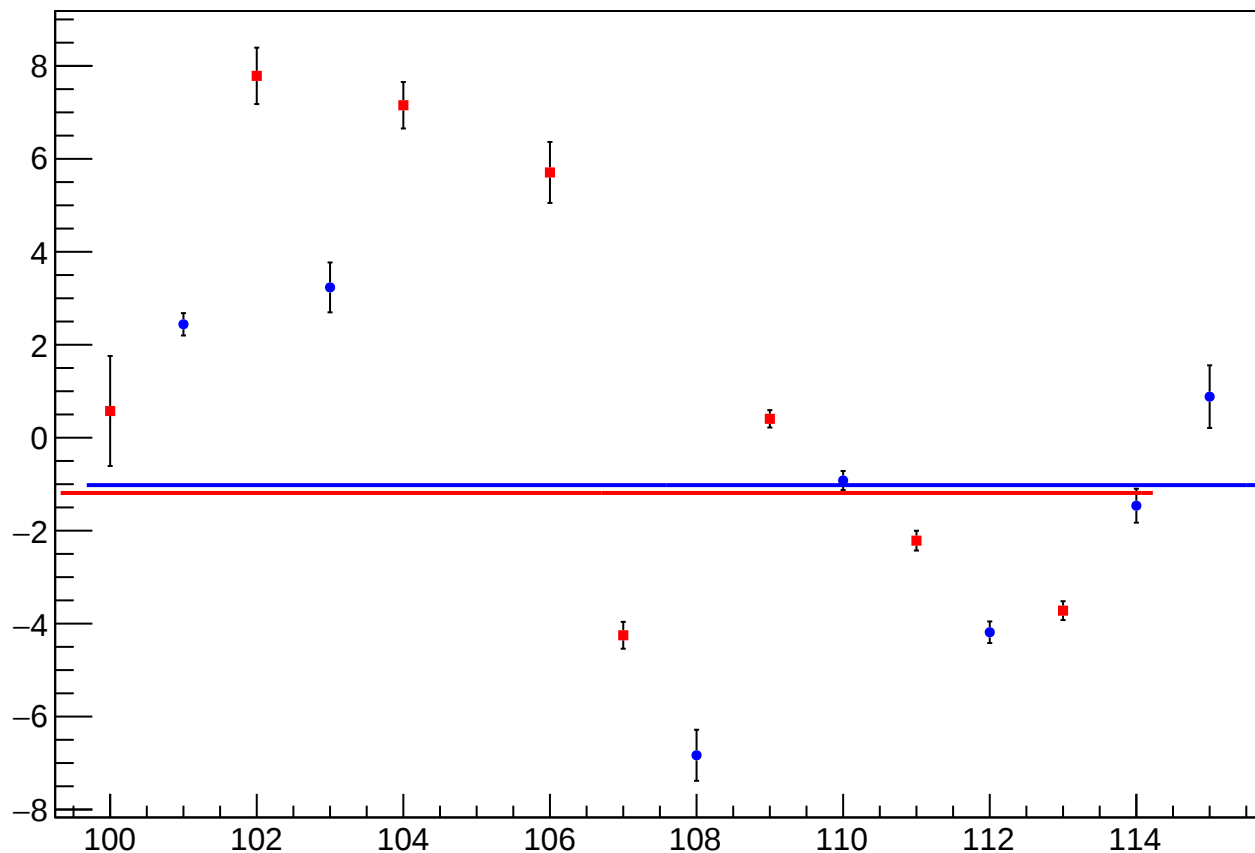
Right: -2.492+/-0.103 χ^2/NDF : 1178.7/14

In: -2.134+/-0.159 χ^2/NDF : 368.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.492+/-0.103 χ^2/NDF : 1178.7/14

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.020+/-0.114 χ^2/NDF : 576.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.189+/-0.102 χ^2/NDF : 973.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

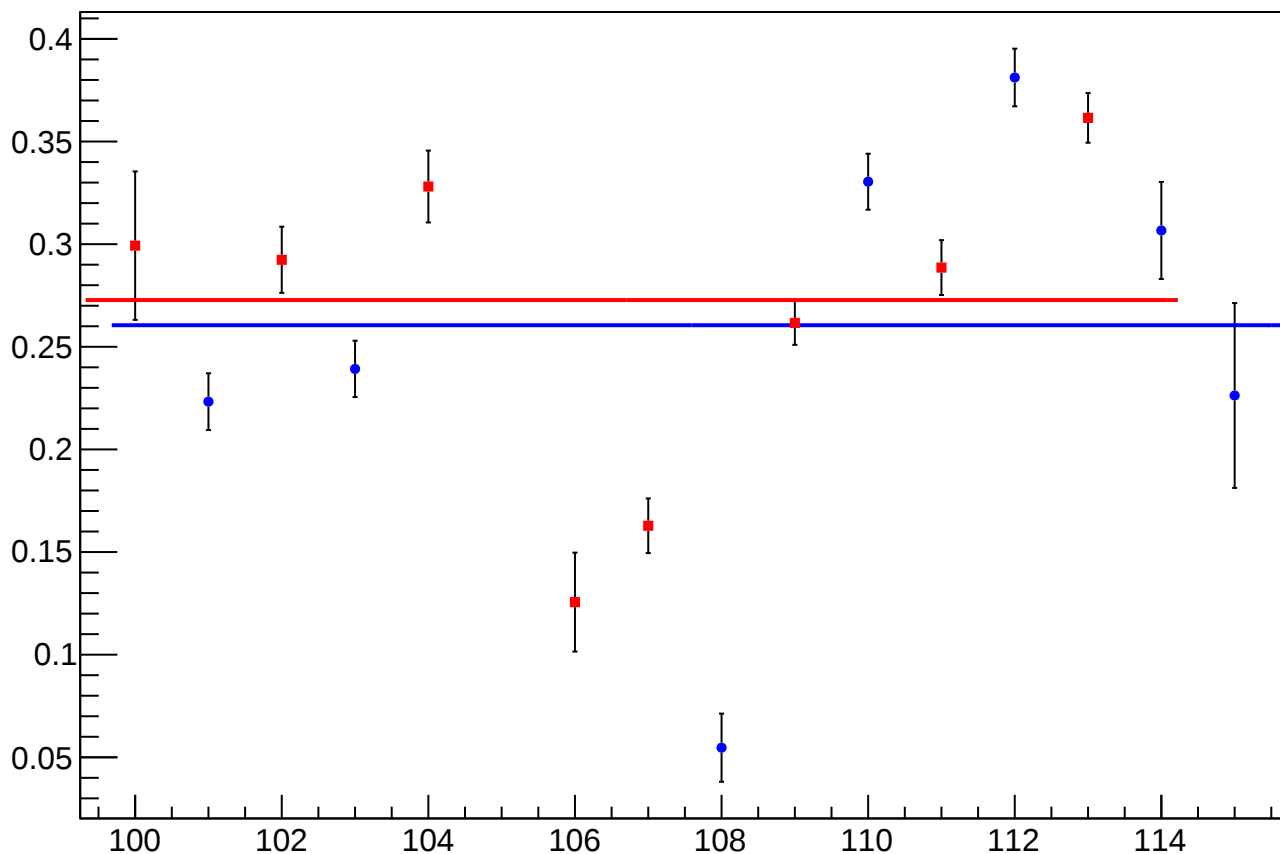
Right: -1.114+/-0.076 χ^2/NDF : 1551.5/14

In: -1.020+/-0.114 χ^2/NDF :576.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.114+/-0.076 χ^2/NDF : 1551.5/14

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.261 $\pm$ 0.006 χ^2 /NDF: 267.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.273 $\pm$ 0.005 χ^2 /NDF: 173.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.268 $\pm$ 0.004 χ^2 /NDF: 443.8/14

In: 0.261 $\pm$ 0.006 χ^2 /NDF:267.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.268 $\pm$ 0.004 χ^2 /NDF: 443.8/14