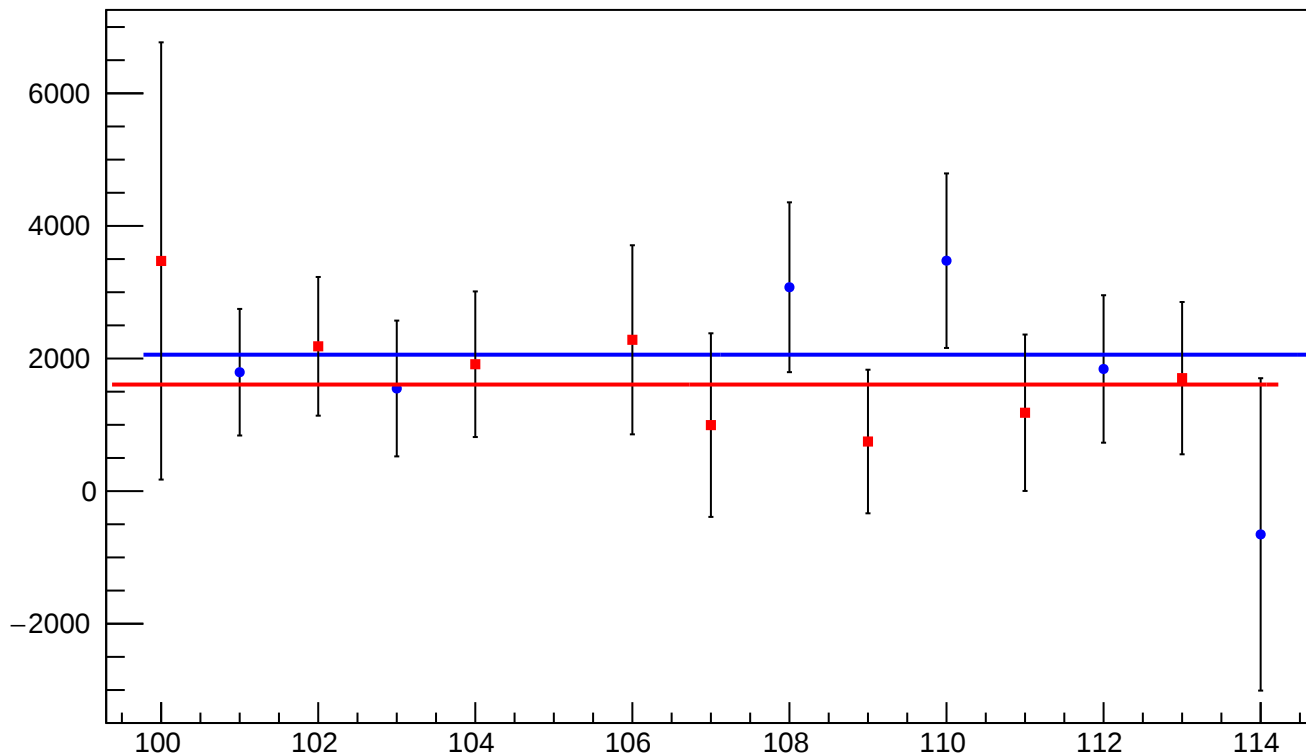


reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2057.816+/-486.420 χ^2/NDF : 3.5/5

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: 1809.897+/-326.089

χ^2/NDF : 5.8/13

In: 2057.816+/-486.420

χ^2/NDF : 3.5/5

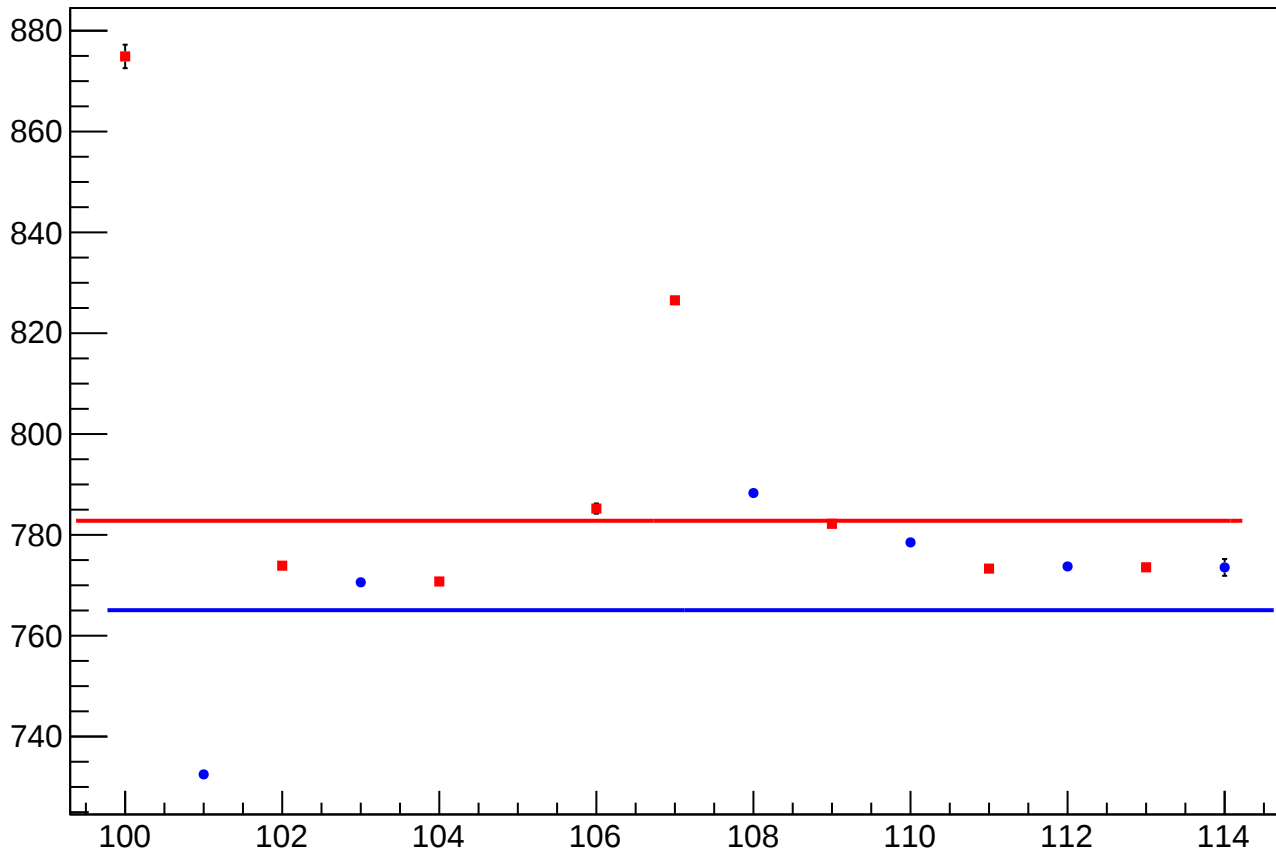
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1809.897+/-326.089

χ^2/NDF : 5.8/13

reg_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 765.063+/-0.344 χ^2/NDF : 3401.6/5

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

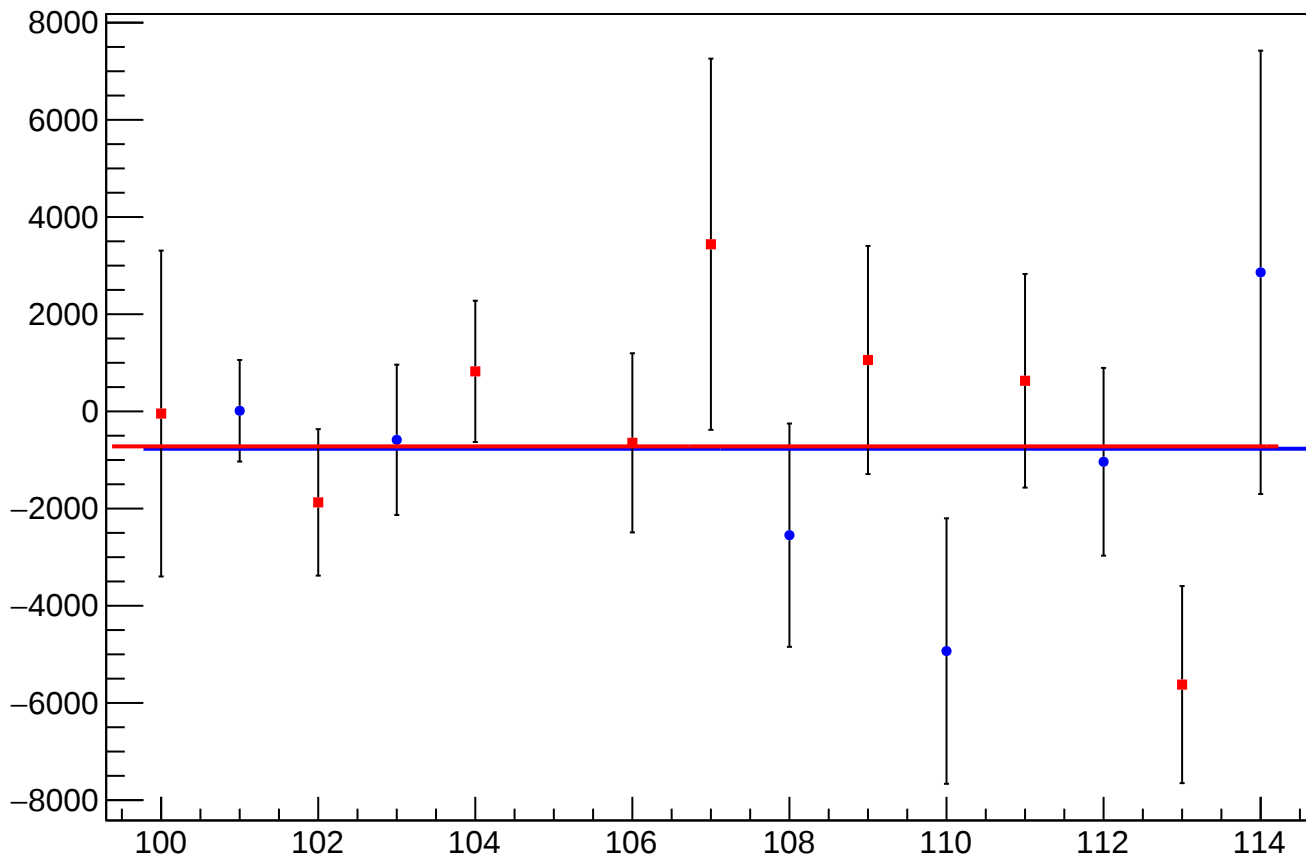
Right: 774.829+/-0.231 χ^2/NDF : 9070.8/13

In: 765.063+/-0.344 χ^2/NDF : 3401.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 774.829+/-0.231 χ^2/NDF : 9070.8/13

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -768.590+/-711.972 χ^2/NDF : 4.1/5

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

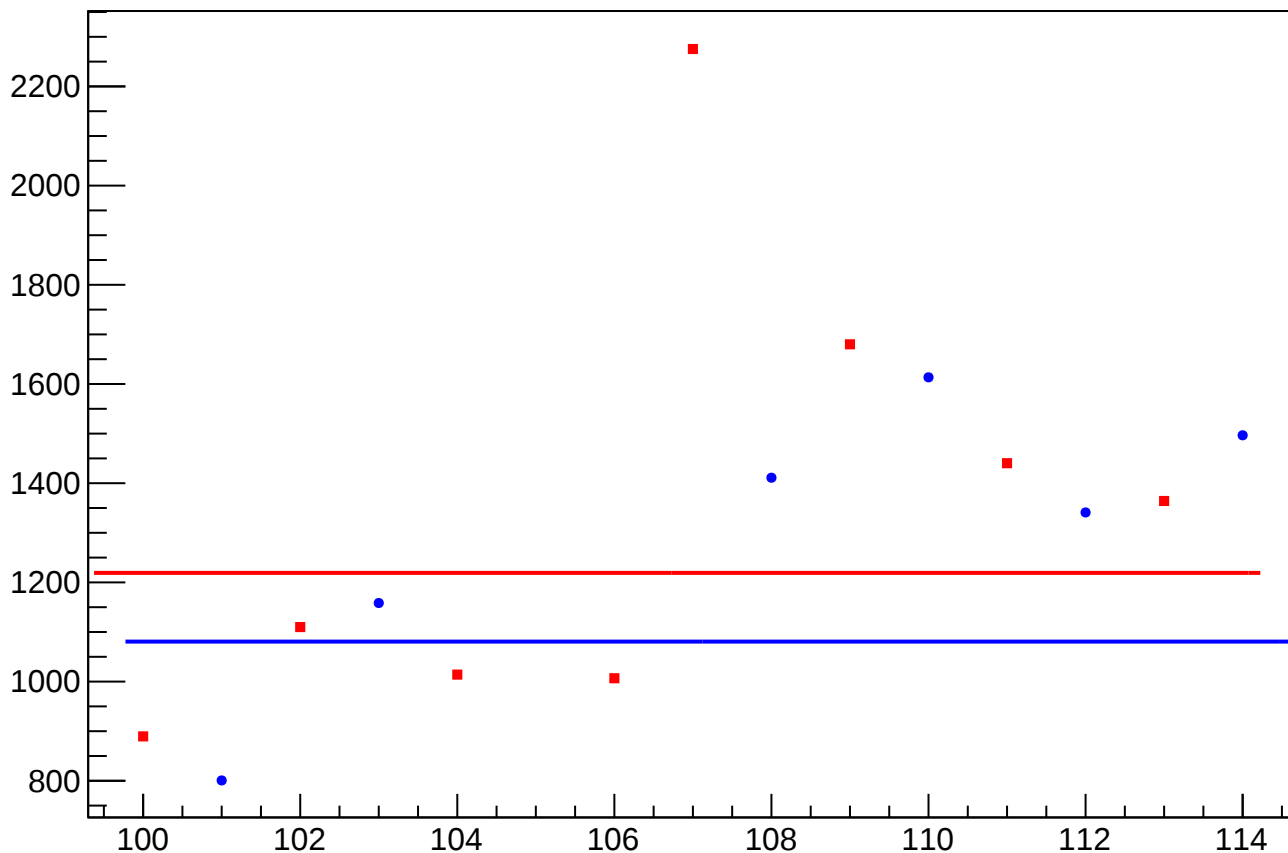
Right: -744.114+/-501.924 χ^2/NDF : 13.9/13

In: -768.590+/-711.972 χ^2/NDF : 4.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -744.114+/-501.924 χ^2/NDF : 13.9/13

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1080.651+/-0.503 χ^2/NDF : 318916.5/5

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

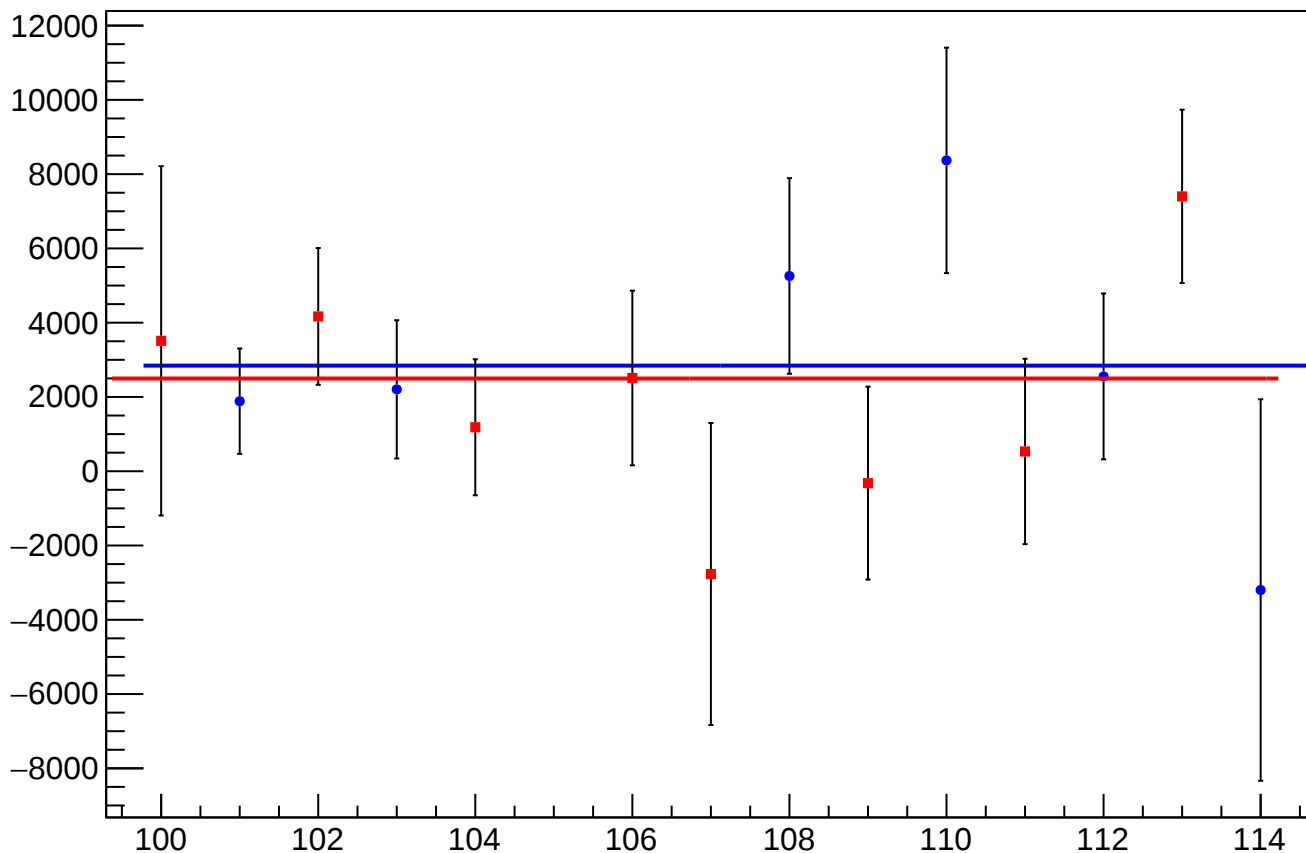
Right: 1150.341+/-0.355 χ^2/NDF : 713640.4/13

In: 1080.651+/-0.503 χ^2/NDF : 318916.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1150.341+/-0.355 χ^2/NDF : 713640.4/13

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2844.008+/-885.007 χ^2/NDF : 6.1/5

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

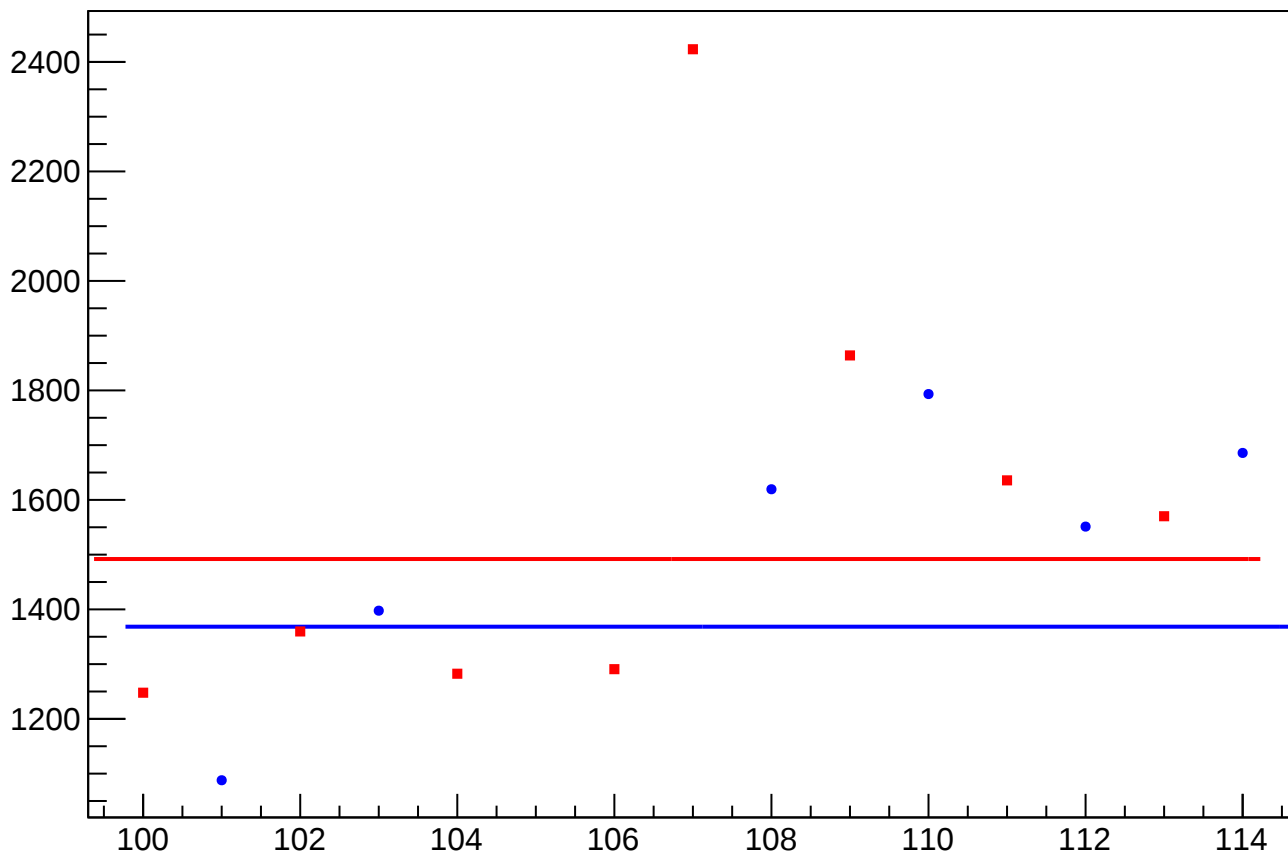
Right: 2664.291+/-614.475 χ^2/NDF : 15.5/13

In: 2844.008+/-885.007 χ^2/NDF : 6.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2664.291+/-614.475 χ^2/NDF : 15.5/13

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1368.395+/-0.626 χ^2/NDF : 157139.0/5

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

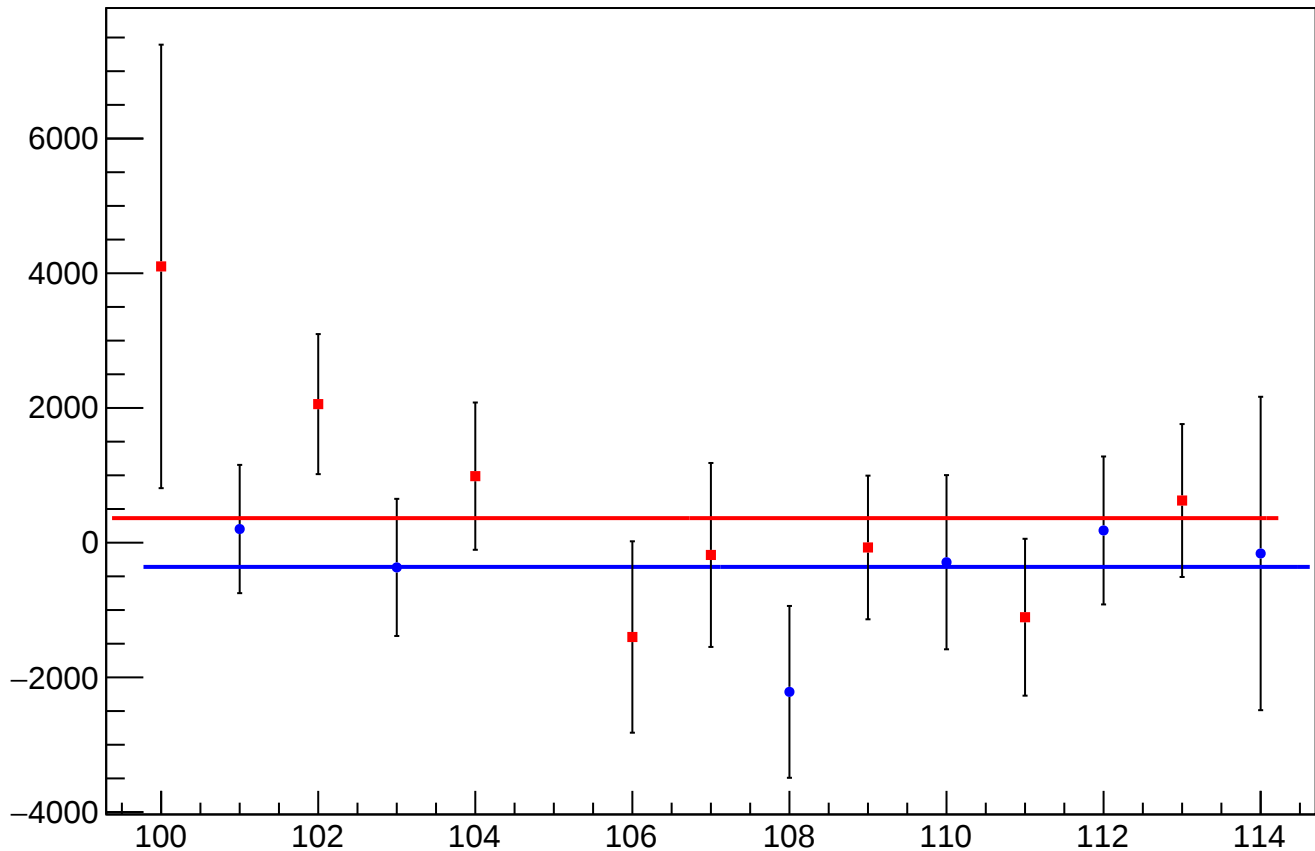
Right: 1432.413+/-0.434 χ^2/NDF : 388604.8/13

In: 1368.395+/-0.626 χ^2/NDF : 157139.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1432.413+/-0.434 χ^2/NDF : 388604.8/13

reg_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -359.670+/-482.571 χ^2/NDF : 2.7/5

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

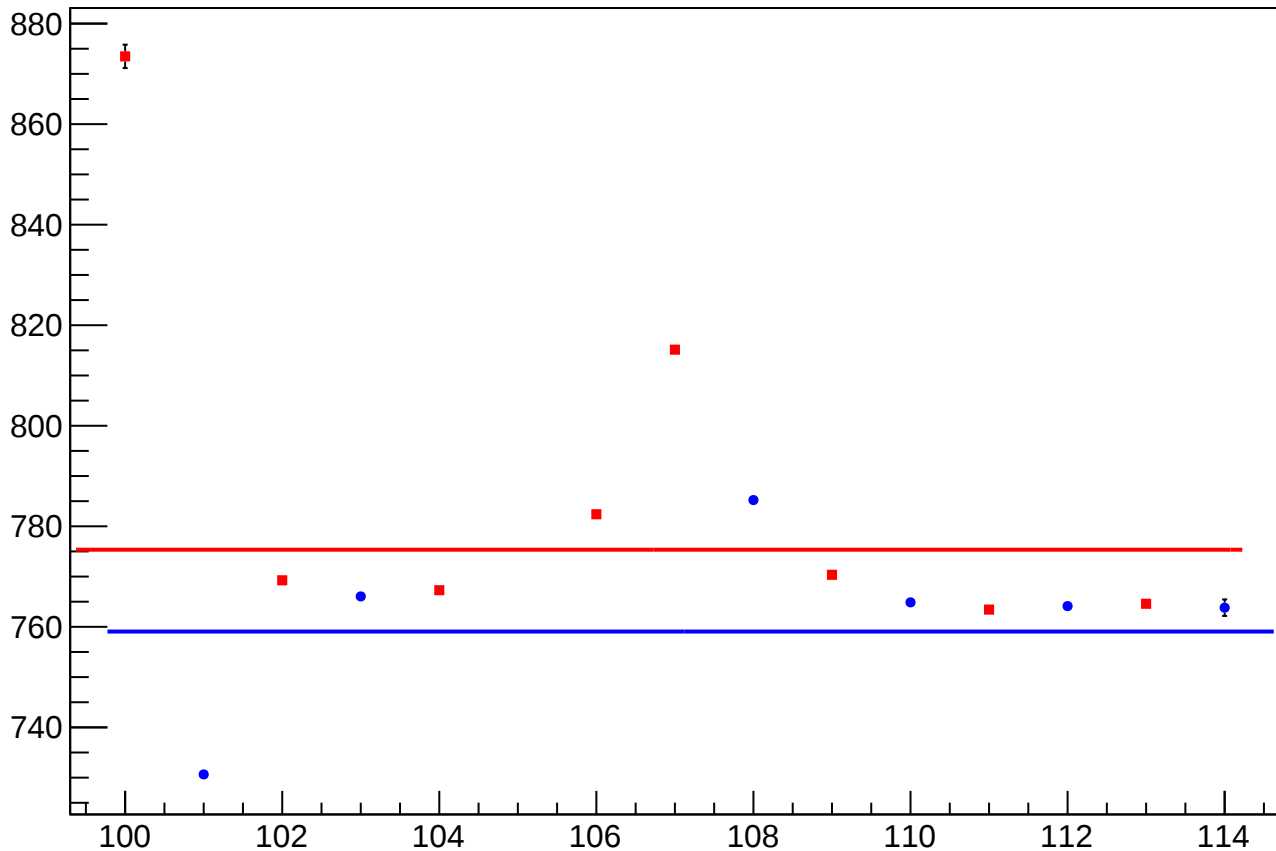
Right: 39.568+/-323.216 χ^2/NDF : 11.7/13

In: -359.670+/-482.571 χ^2/NDF : 2.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.568+/-323.216 χ^2/NDF : 11.7/13

reg_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 759.066 $\pm$ 0.341 χ^2 /NDF: 2808.0/5

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

Right Out: 775.342 $\pm$ 0.308 χ^2 /NDF: 4134.3/7

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

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

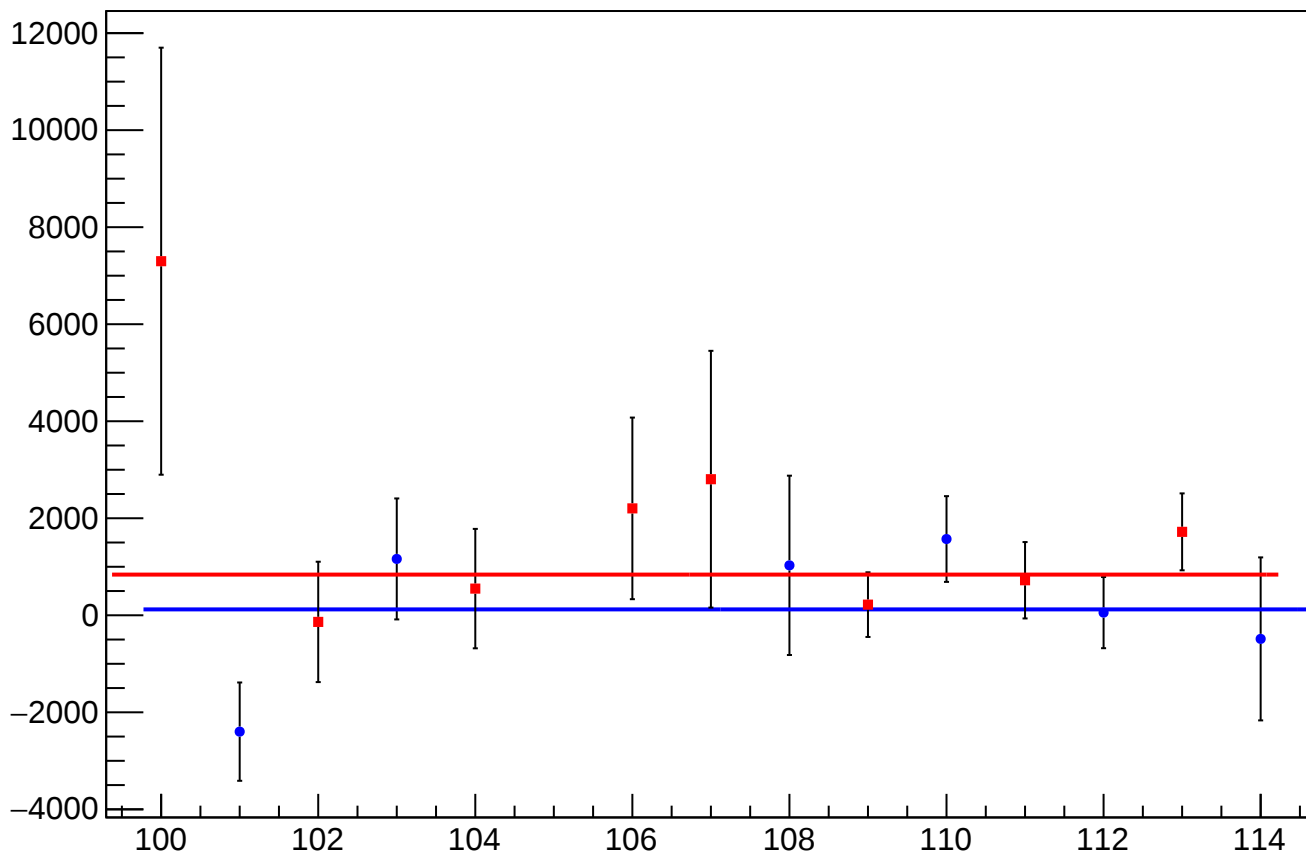
Right: 768.041 $\pm$ 0.229 χ^2 /NDF: 8196.8/13

In: 759.066 $\pm$ 0.341 χ^2 /NDF:2808.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 768.041 $\pm$ 0.229 χ^2 /NDF: 8196.8/13

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: 121.343+/-430.196 χ^2/NDF : 10.0/5

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

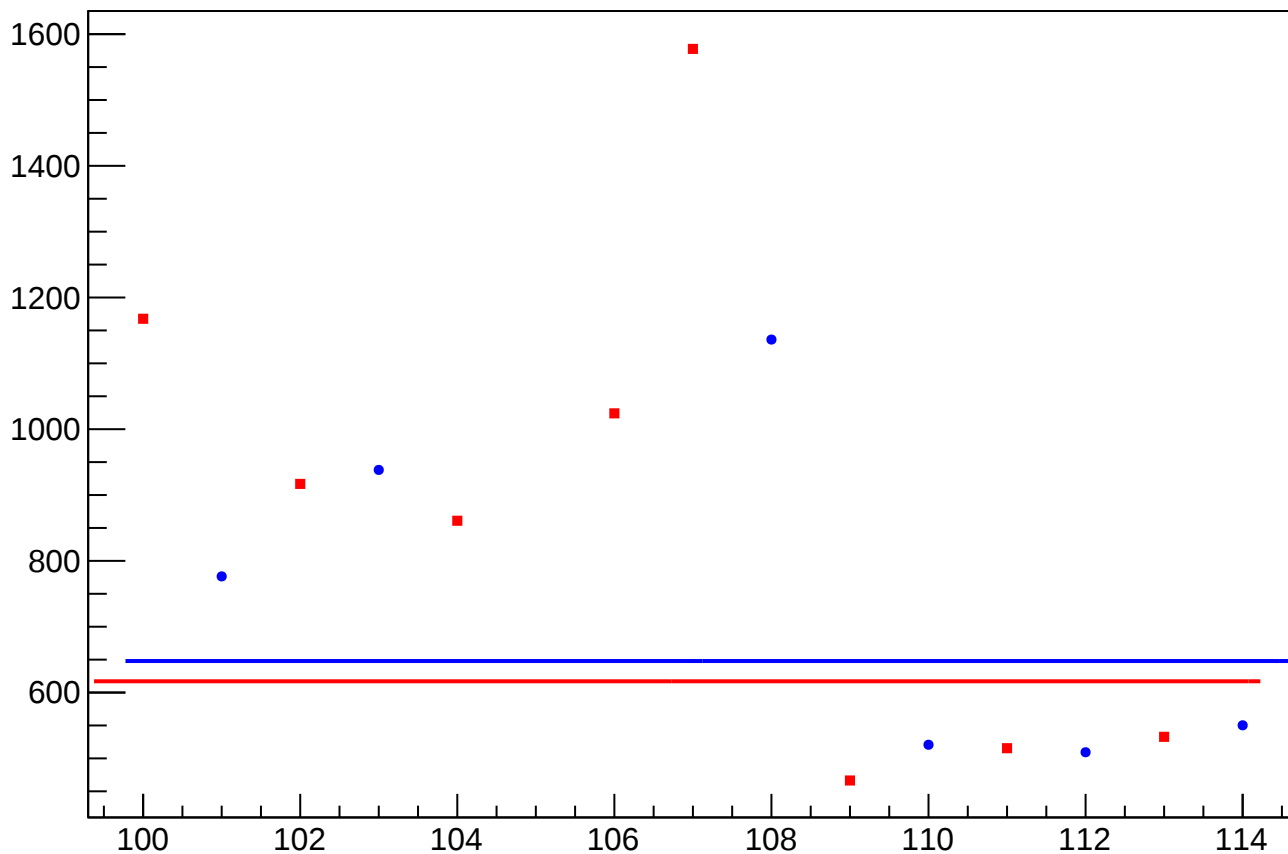
Right: 532.274+/-281.160 χ^2/NDF : 17.6/13

In: 121.343+/-430.196 χ^2/NDF : 10.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 532.274+/-281.160 χ^2/NDF : 17.6/13

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 647.866+/-0.304 χ^2/NDF : 399650.9/5

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

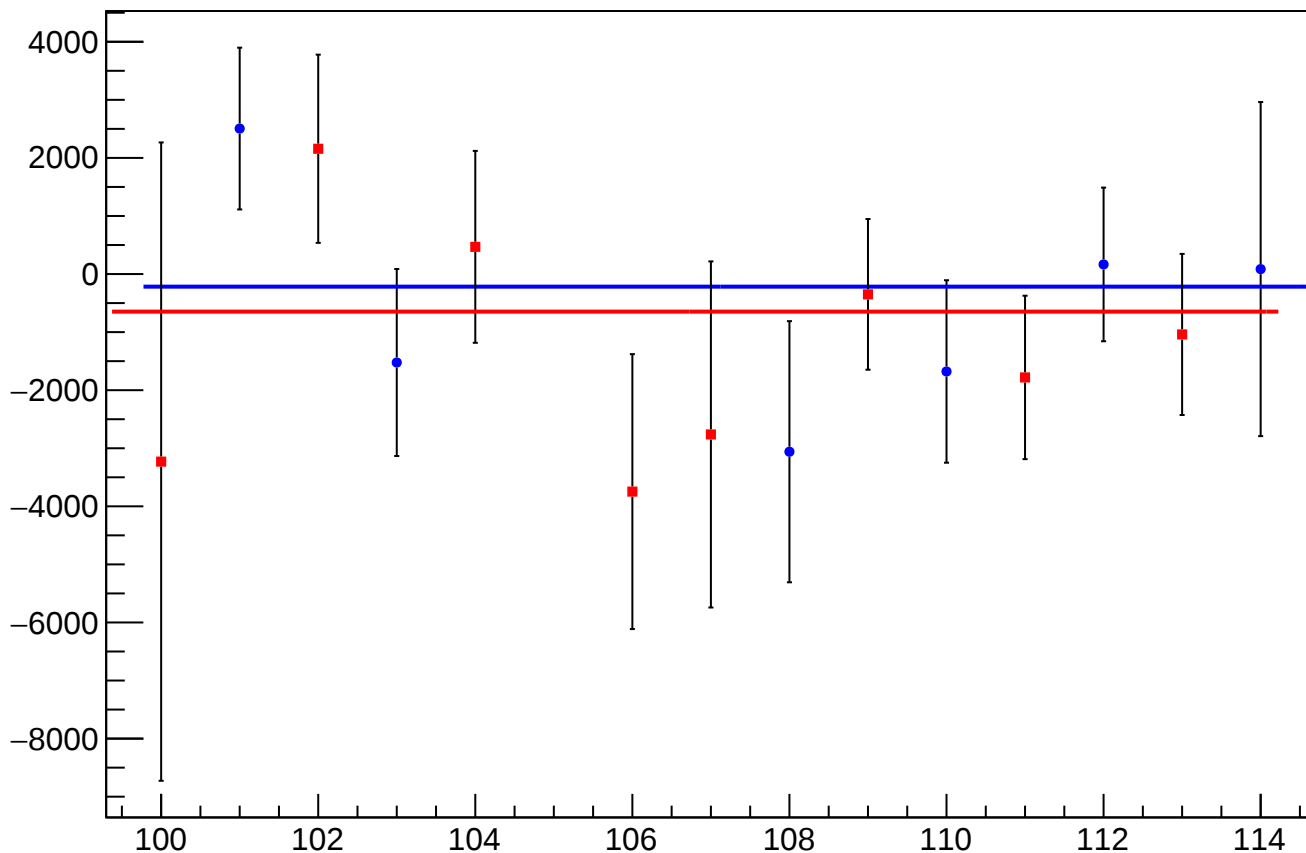
Right: 630.244+/-0.199 χ^2/NDF : 1148385.1/13

In: 647.866+/-0.304 χ^2/NDF : 399650.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 630.244+/-0.199 χ^2/NDF : 1148385.1/13

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -216.898+/-674.790 χ^2/NDF : 7.0/5

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

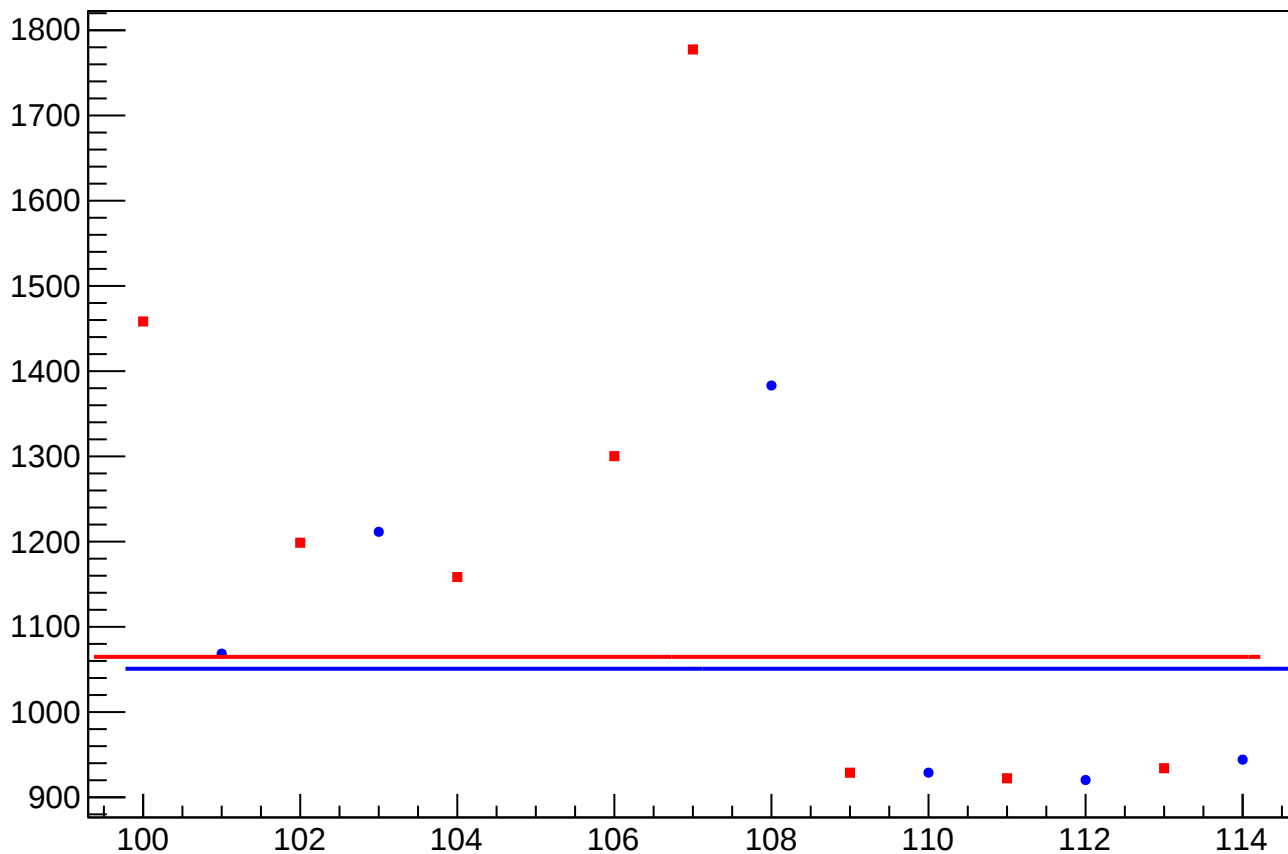
Right: -453.786+/-452.395 χ^2/NDF : 13.9/13

In: -216.898+/-674.790 χ^2/NDF : 7.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -453.786+/-452.395 χ^2/NDF : 13.9/13

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1050.843+/-0.477 χ^2/NDF : 98198.7/5

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

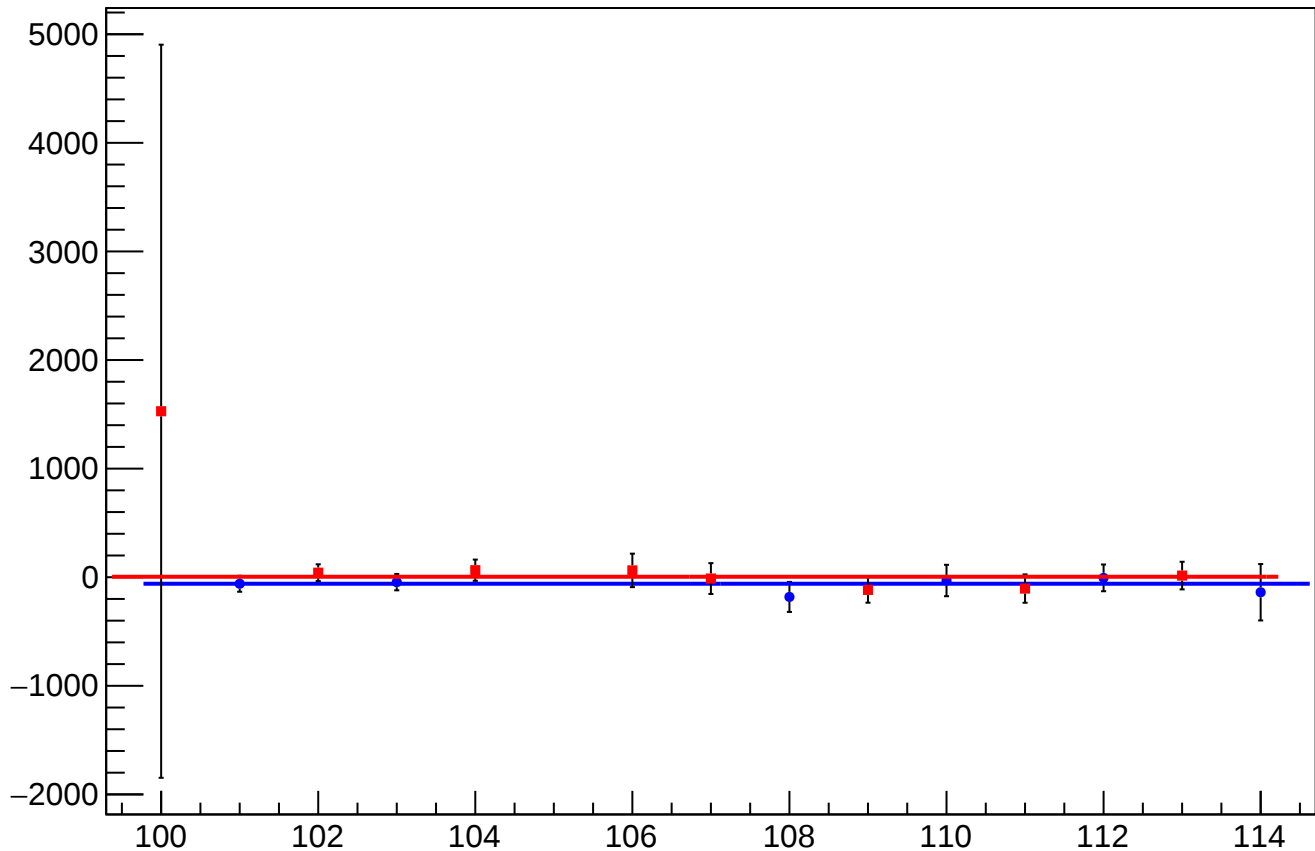
Right: 1058.520+/-0.320 χ^2/NDF : 323379.5/13

In: 1050.843+/-0.477 χ^2/NDF : 98198.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1058.520+/-0.320 χ^2/NDF : 323379.5/13

reg_asym_ds_avg_mean vs Slug, Sign Corrected



Right In: -60.048+/-42.937 χ^2/NDF : 1.1/5

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

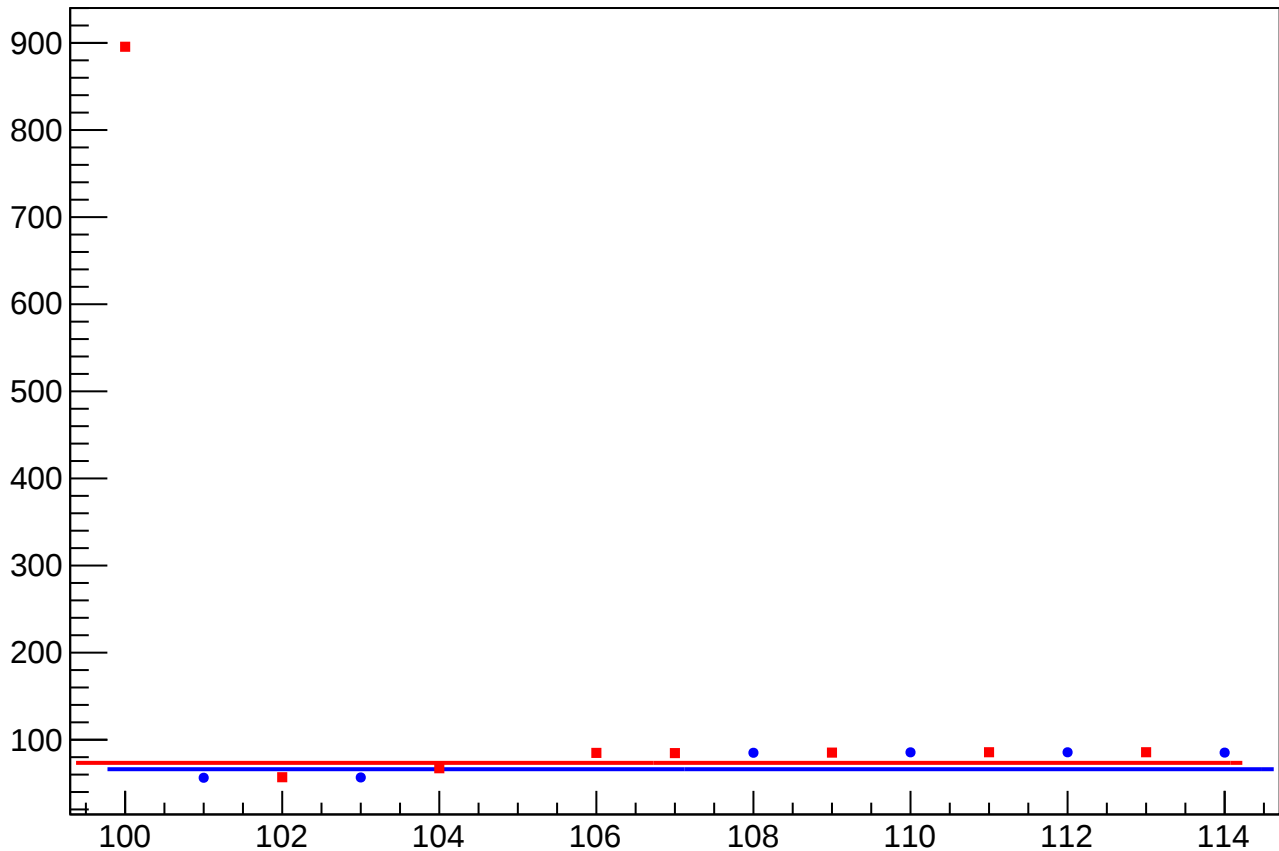
Right: -27.431+/-30.157 χ^2/NDF : 5.0/13

In: -60.048+/-42.937 χ^2/NDF : 1.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.431+/-30.157 χ^2/NDF : 5.0/13

reg_asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 66.172+/-0.030 χ^2/NDF : 201086.9/5

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

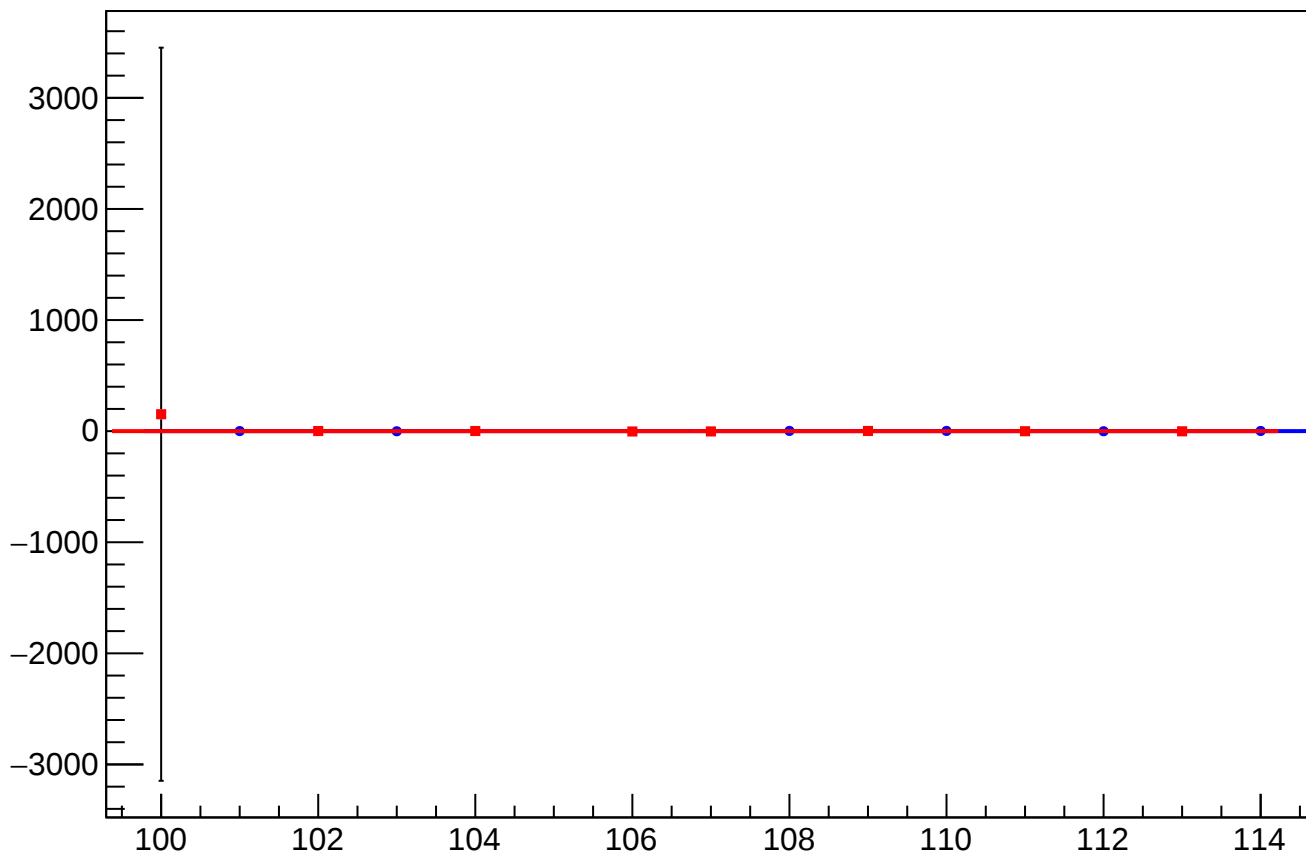
Right: 69.868+/-0.021 χ^2/NDF : 527812.0/13

In: 66.172+/-0.030 χ^2/NDF : 201086.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.868+/-0.021 χ^2/NDF : 527812.0/13

asym_ds_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.366+/-0.713 χ^2/NDF : 2.6/5

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

Right Out: 0.066+/-0.730 χ^2/NDF : 4.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

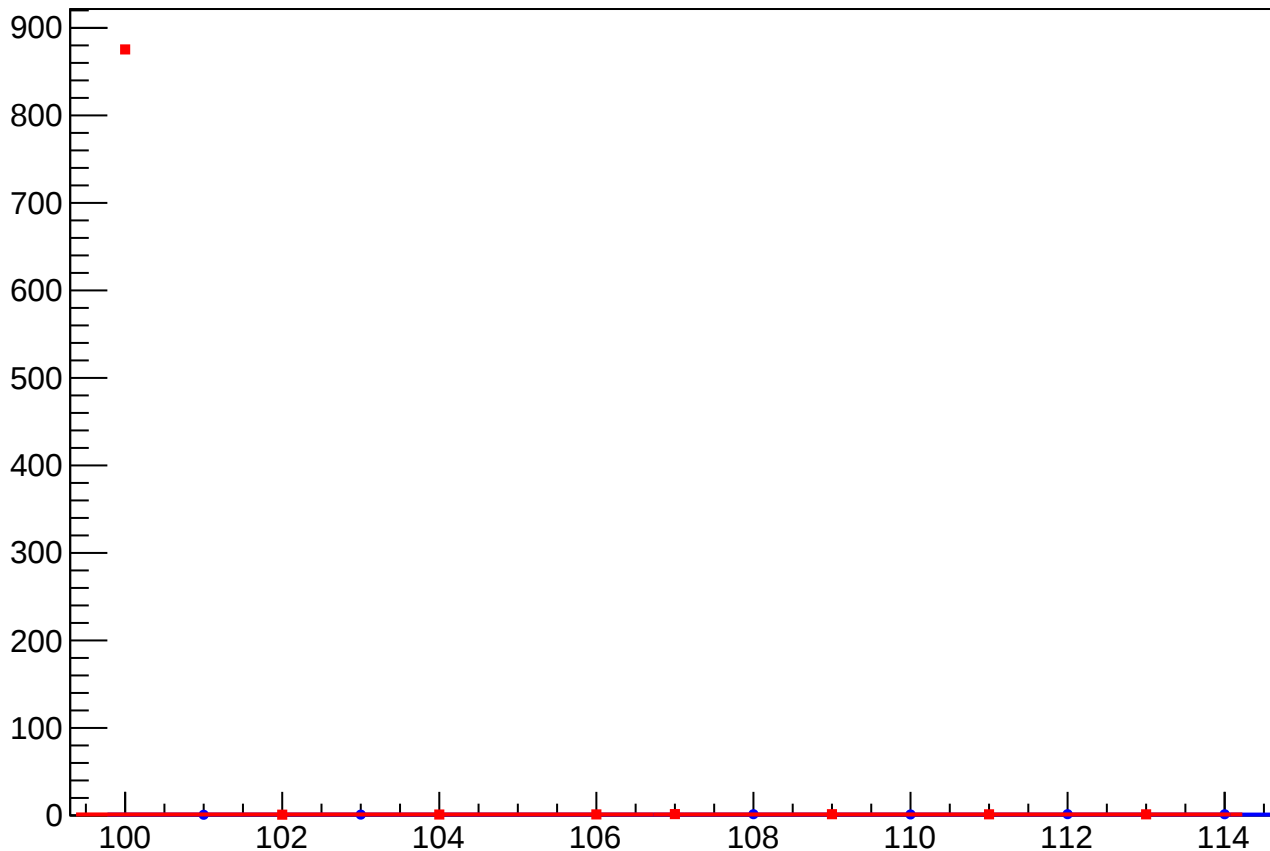
Right: 0.220+/-0.510 χ^2/NDF : 7.4/13

In: 0.366+/-0.713 χ^2/NDF : 2.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.220+/-0.510 χ^2/NDF : 7.4/13

asym_ds_avg_correction_rms vs Slug, Sign Corrected



Right In: 1.002+/-0.001 χ^2/NDF : 241416.1/5

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

Right Out: 1.156+/-0.001 χ^2/NDF : 319170.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

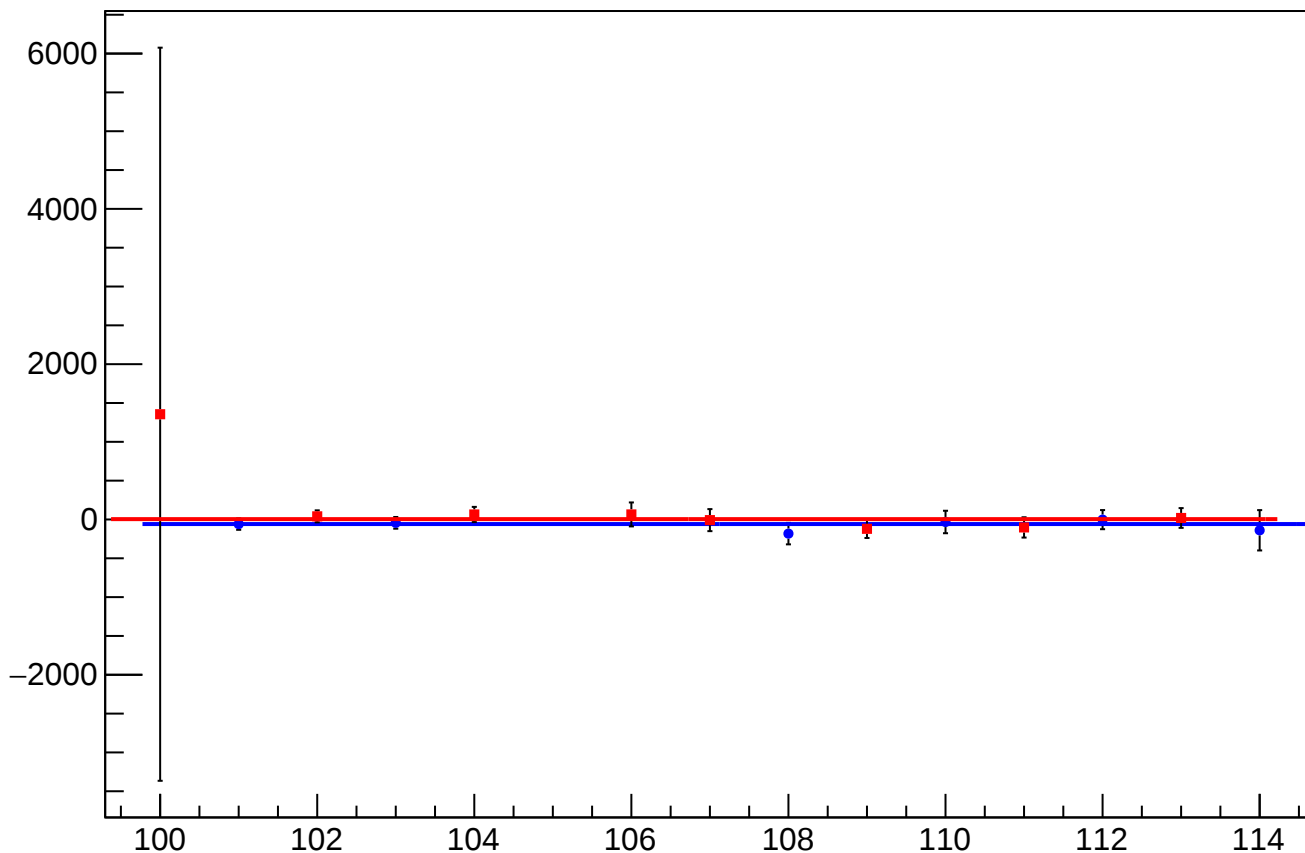
Right: 1.077+/-0.000 χ^2/NDF : 606439.8/13

In: 1.002+/-0.001 χ^2/NDF : 241416.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.077+/-0.000 χ^2/NDF : 606439.8/13

asym_ds_avg_mean vs Slug, Sign Corrected



Right In: -59.009+/-42.948 χ^2/NDF : 1.2/5

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

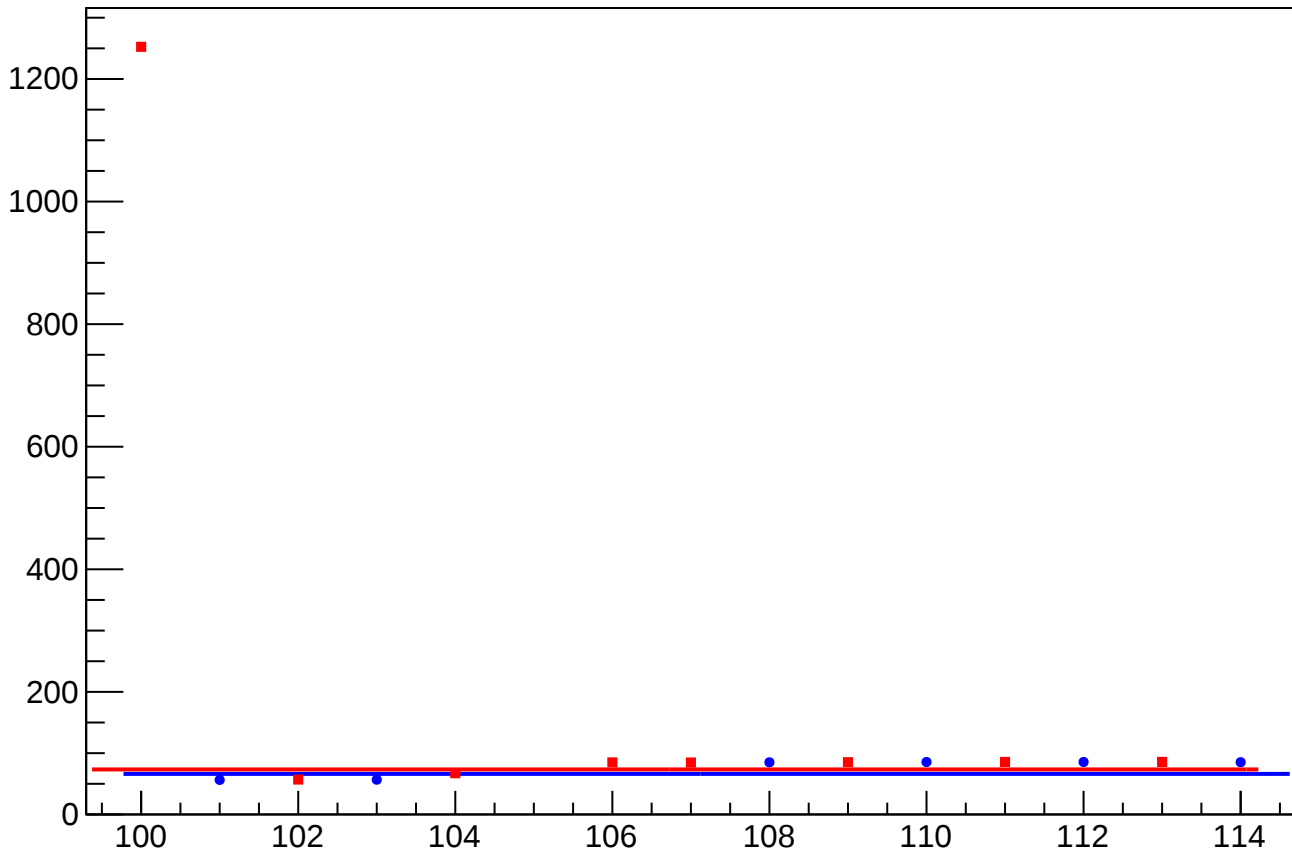
Right: -26.849+/-30.165 χ^2/NDF : 4.9/13

In: -59.009+/-42.948 χ^2/NDF : 1.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.849+/-30.165 χ^2/NDF : 4.9/13

asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 66.188+/-0.030 χ^2/NDF : 201099.1/5

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

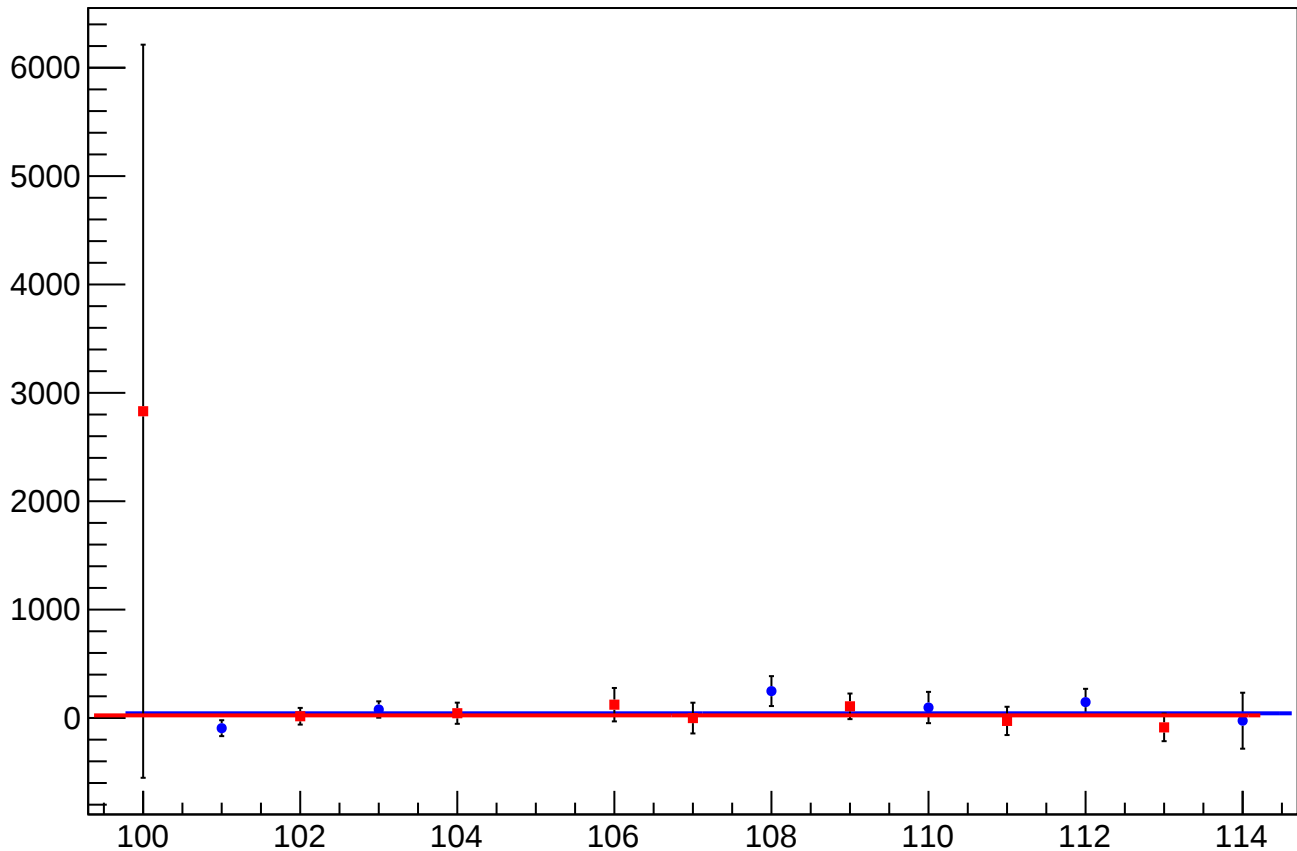
Right: 69.869+/-0.021 χ^2/NDF : 533657.6/13

In: 66.188+/-0.030 χ^2/NDF : 201099.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.869+/-0.021 χ^2/NDF : 533657.6/13

reg_asym_ds_dd_mean vs Slug, Sign Corrected



Right In: 42.997+/-42.889 χ^2/NDF : 6.8/5

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

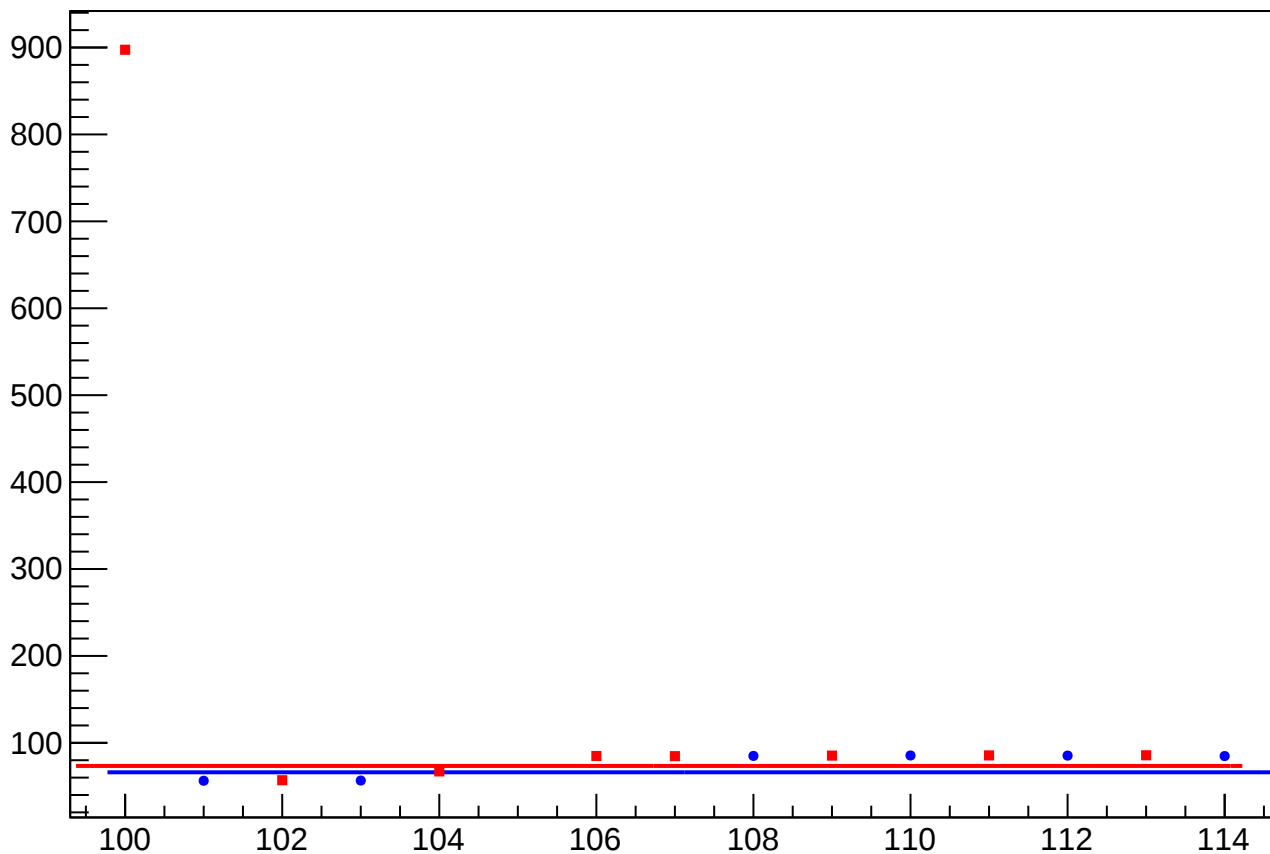
Right: 33.392+/-30.135 χ^2/NDF : 9.5/13

In: 42.997+/-42.889 χ^2/NDF : 6.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.392+/-30.135 χ^2/NDF : 9.5/13

reg_asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 66.108+/-0.030 χ^2/NDF : 199536.3/5

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

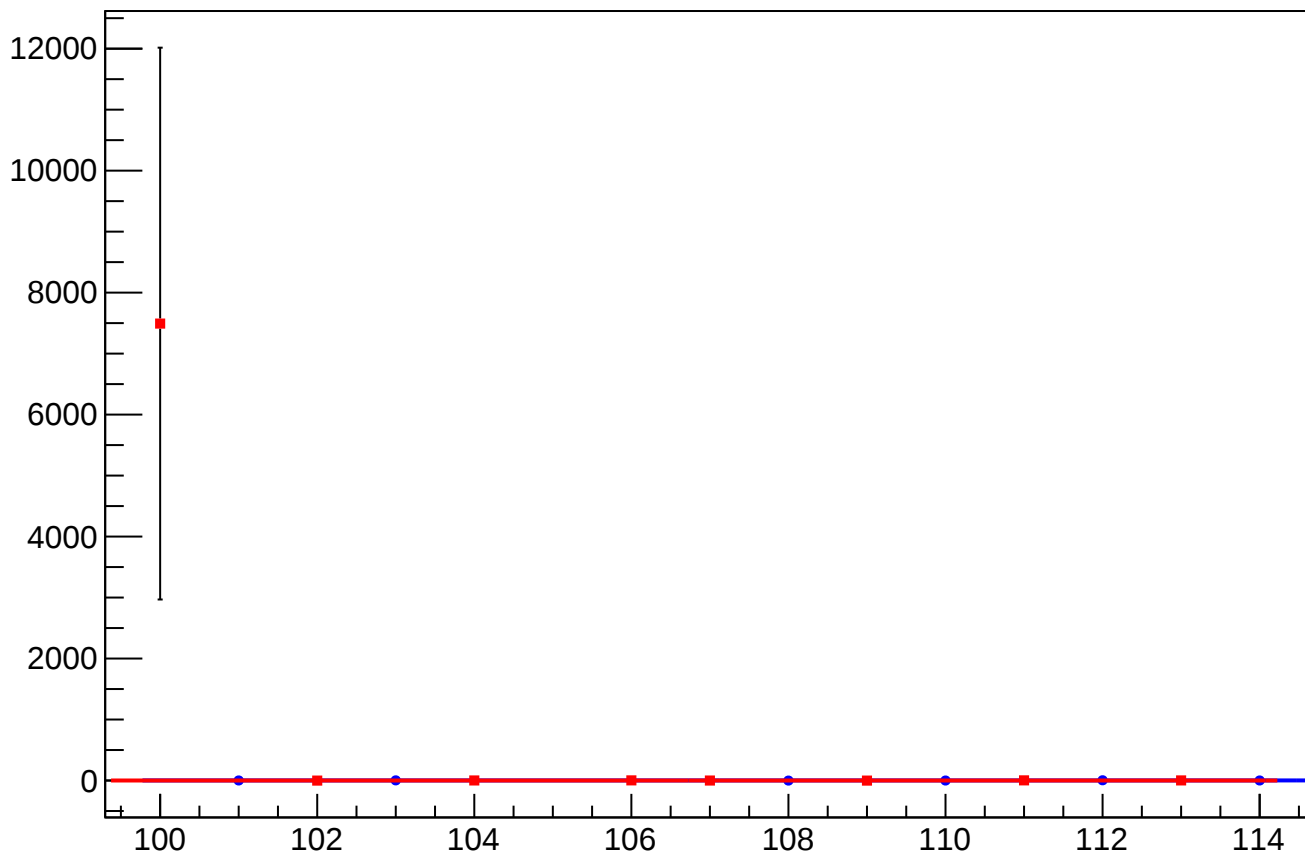
Right: 69.819+/-0.021 χ^2/NDF : 526934.4/13

In: 66.108+/-0.030 χ^2/NDF : 199536.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.819+/-0.021 χ^2/NDF : 526934.4/13

asym_ds_dd_correction_mean vs Slug, Sign Corrected



Right In: 1.416+/-0.743 χ^2/NDF : 3.6/5

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

Right Out: 0.246+/-0.788 χ^2/NDF : 6.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

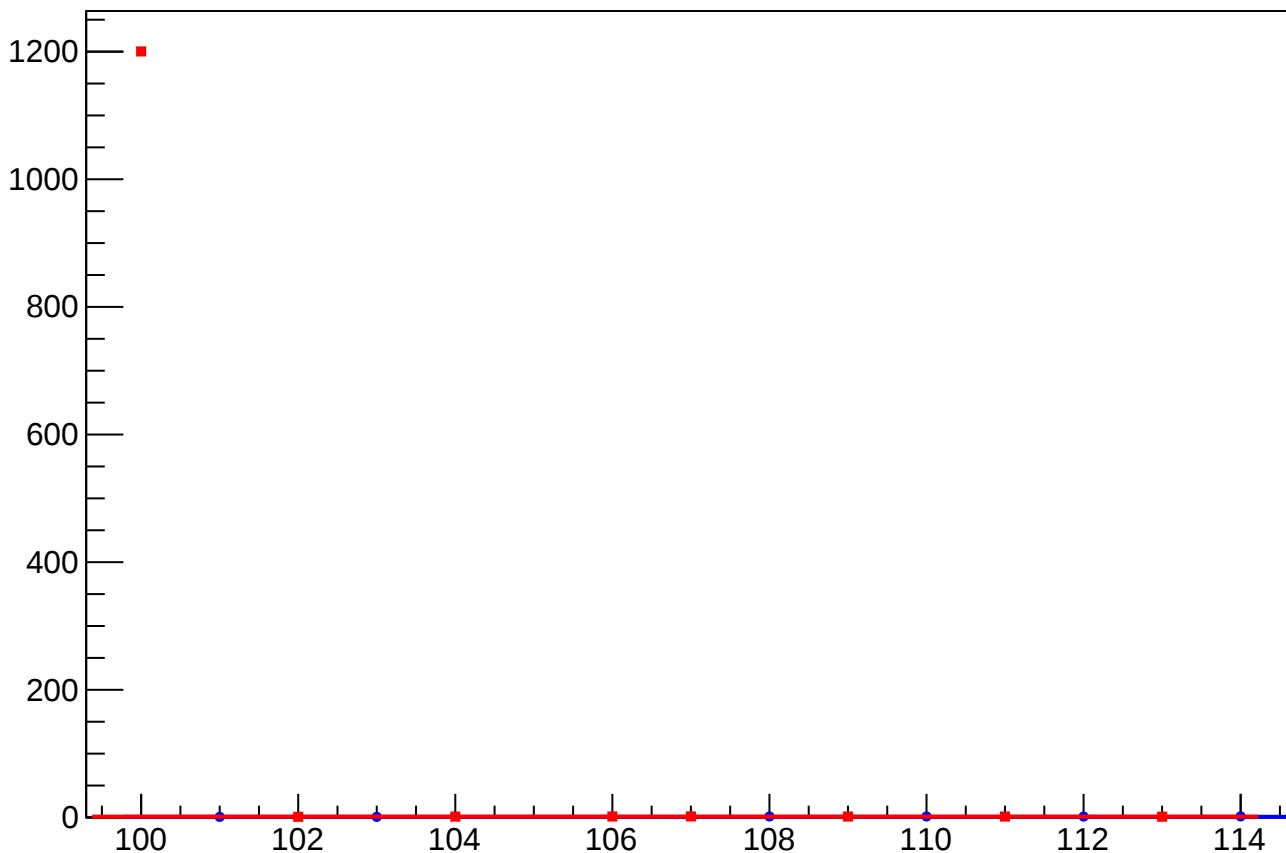
Right: 0.865+/-0.540 χ^2/NDF : 11.2/13

In: 1.416+/-0.743 χ^2/NDF : 3.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.865+/-0.540 χ^2/NDF : 11.2/13

asym_ds_dd_correction_rms vs Slug, Sign Corrected



Right In: 1.045 $\pm$ 0.001 χ^2 /NDF: 274180.1/5

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

Right Out: 1.288 $\pm$ 0.001 χ^2 /NDF: 260246.6/7

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

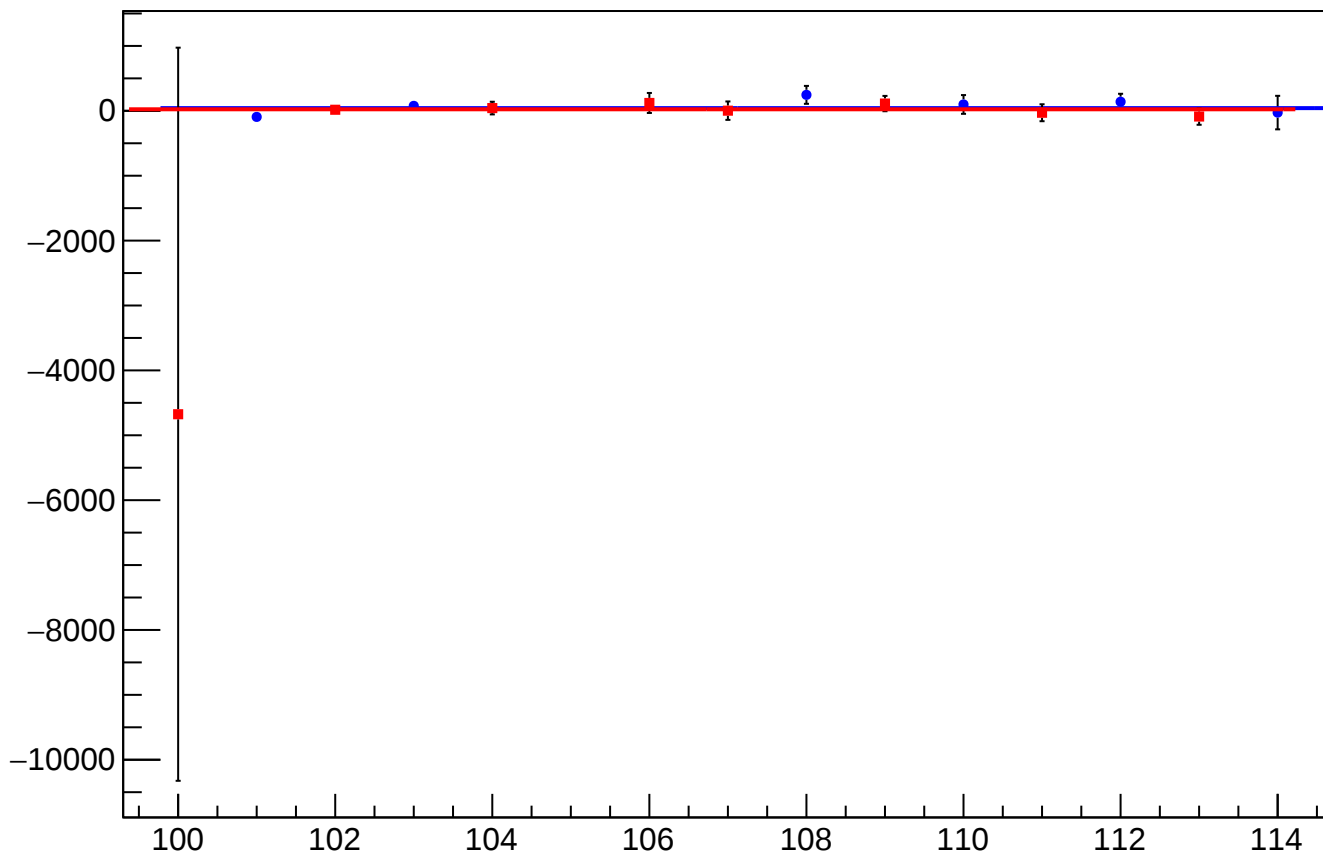
Right: 1.159 $\pm$ 0.000 χ^2 /NDF: 635408.9/13

In: 1.045 $\pm$ 0.001 χ^2 /NDF:274180.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.159 $\pm$ 0.000 χ^2 /NDF: 635408.9/13

asym_ds_dd_mean vs Slug, Sign Corrected



Right In: 41.635+/-42.900 χ^2/NDF : 6.7/5

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

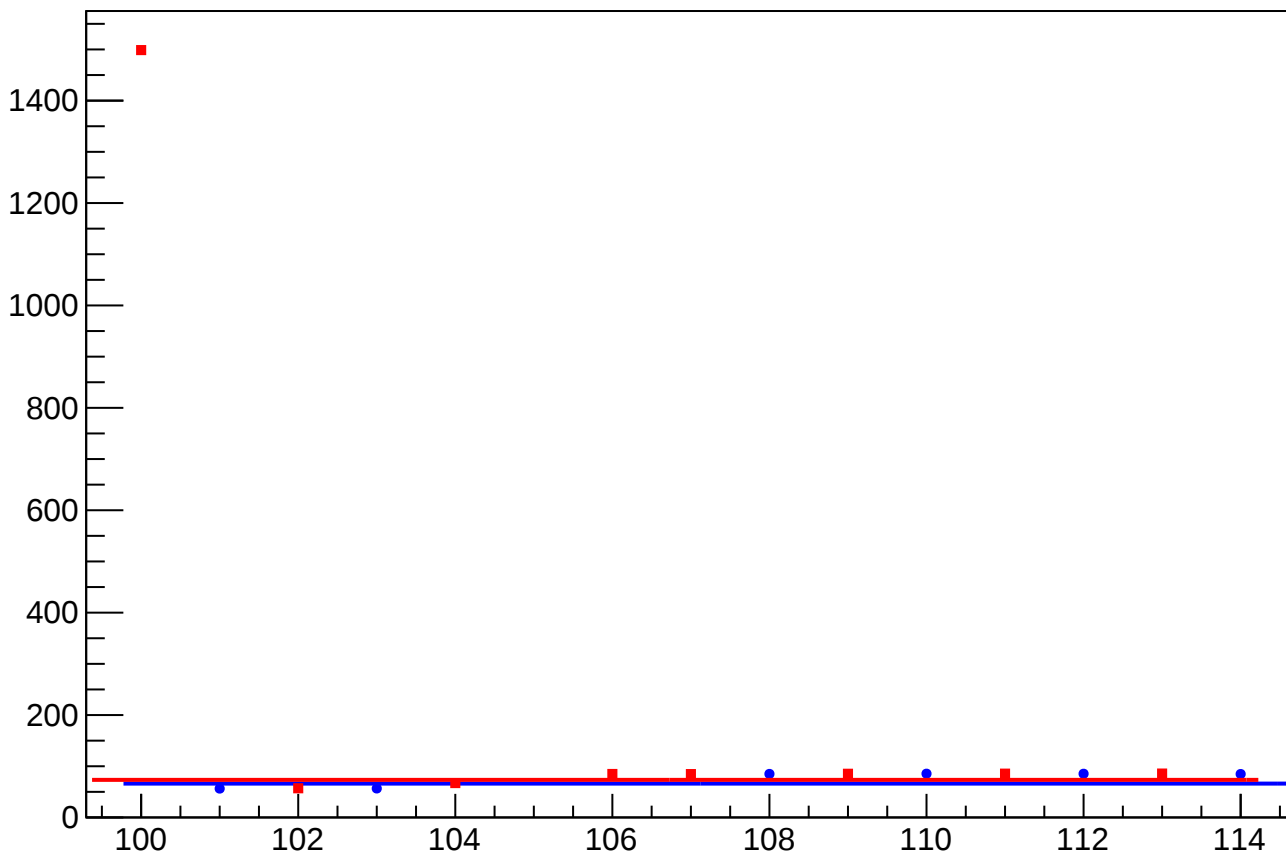
Right: 32.506+/-30.143 χ^2/NDF : 9.4/13

In: 41.635+/-42.900 χ^2/NDF : 6.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.506+/-30.143 χ^2/NDF : 9.4/13

asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 66.126+/-0.030 χ^2/NDF : 199553.5/5

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

Right Out: 73.408+/-0.030 χ^2/NDF : 306445.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

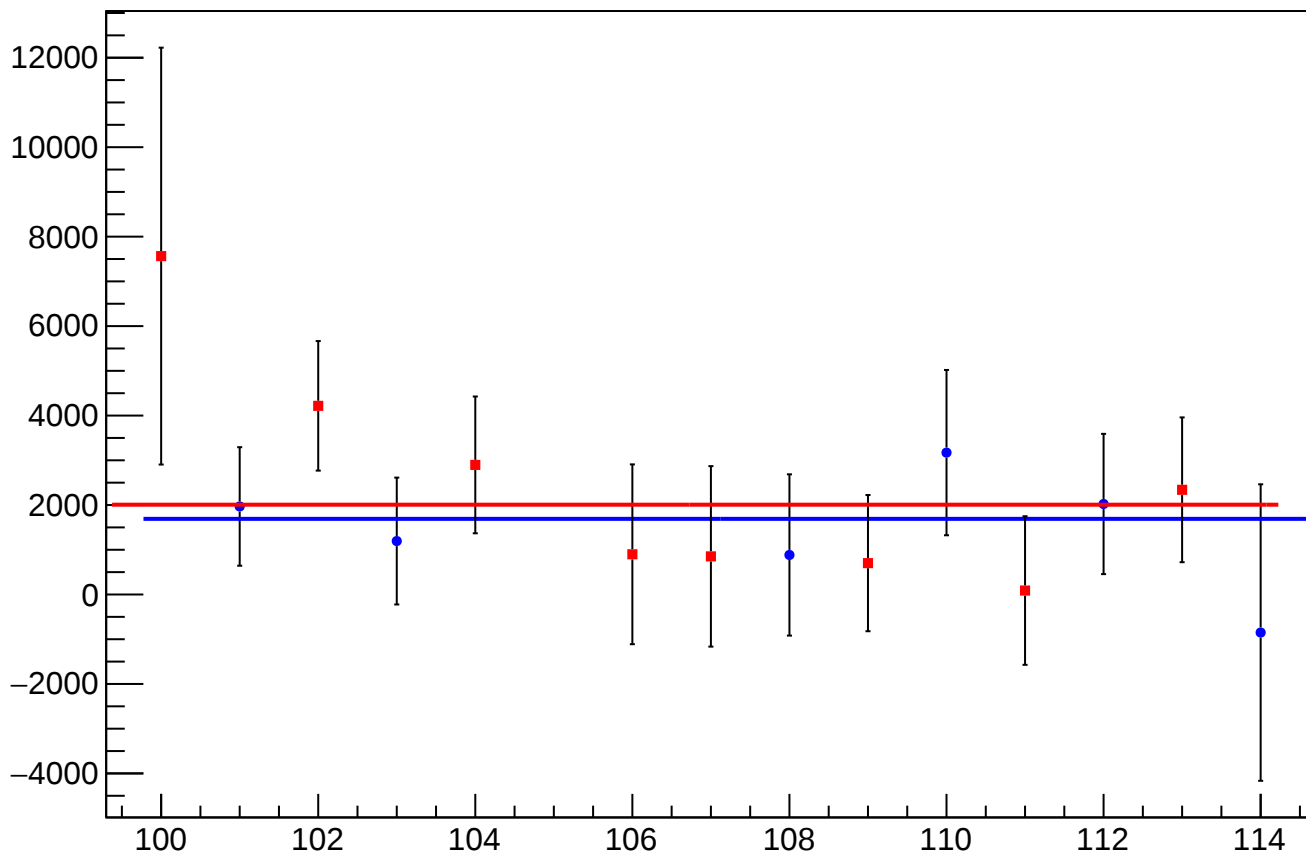
Right: 69.813+/-0.021 χ^2/NDF : 535177.8/13

In: 66.126+/-0.030 χ^2/NDF : 199553.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.813+/-0.021 χ^2/NDF : 535177.8/13

reg_asym_usl_mean vs Slug, Sign Corrected



Right In: 1691.126+/-679.587 χ^2/NDF : 1.6/5

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

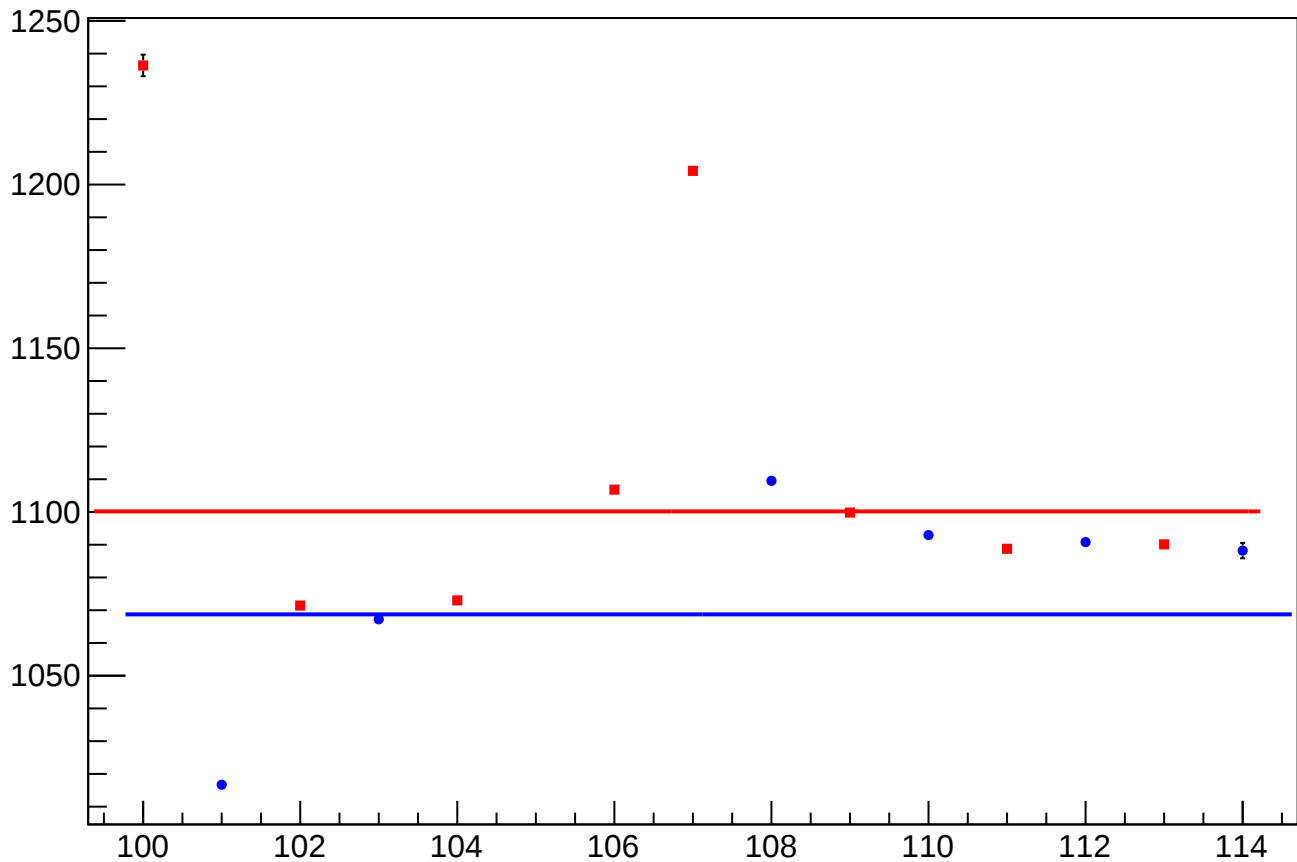
Right: 1864.343+/-457.161 χ^2/NDF : 8.6/13

In: 1691.126+/-679.587 χ^2/NDF : 1.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1864.343+/-457.161 χ^2/NDF : 8.6/13

reg_asym_usl_rms vs Slug, Sign Corrected



Right In: 1068.728+/-0.481 χ^2/NDF : 4919.3/5

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

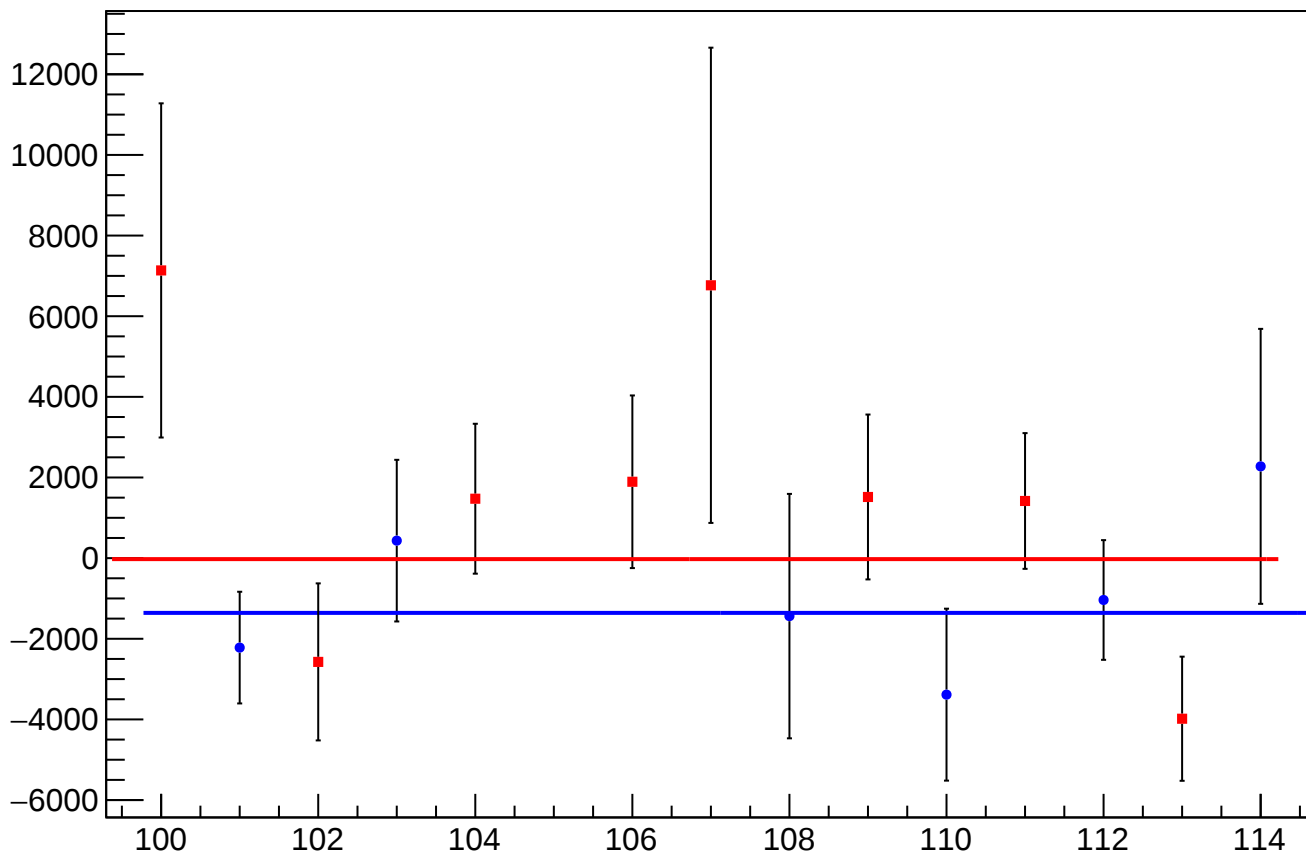
Right: 1085.945+/-0.323 χ^2/NDF : 15903.9/13

In: 1068.728+/-0.481 χ^2/NDF : 4919.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1085.945+/-0.323 χ^2/NDF : 15903.9/13

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -1357.790 $\pm$ 781.099 χ^2 /NDF: 3.3/5

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

Right Out: -24.447 $\pm$ 730.774 χ^2 /NDF: 15.4/7

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

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

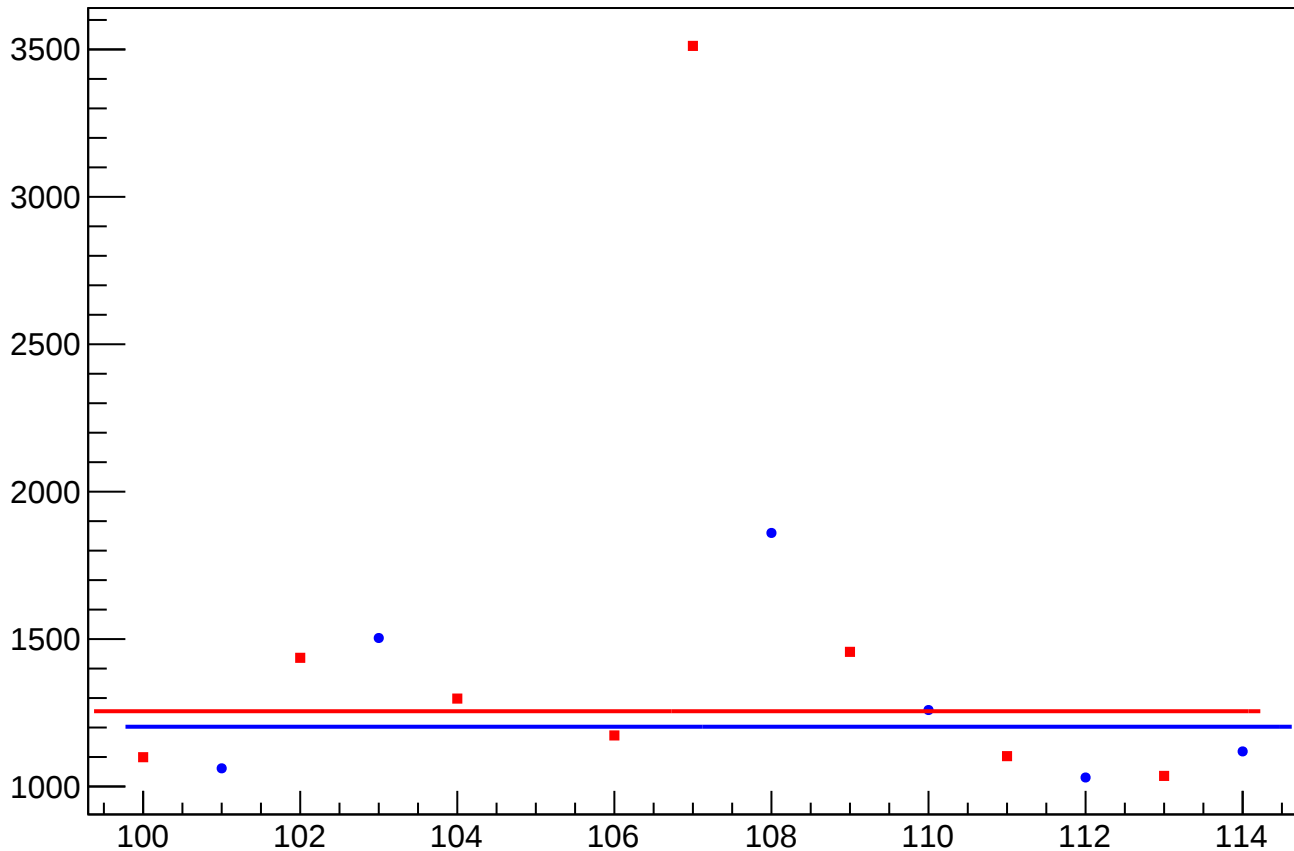
Right: -646.785 $\pm$ 533.640 χ^2 /NDF: 20.2/13

In: -1357.790 $\pm$ 781.099 χ^2 /NDF:3.3/5

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

All: -646.785 $\pm$ 533.640 χ^2 /NDF: 20.2/13

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 1202.703+/-0.552 χ^2/NDF : 189432.9/5

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

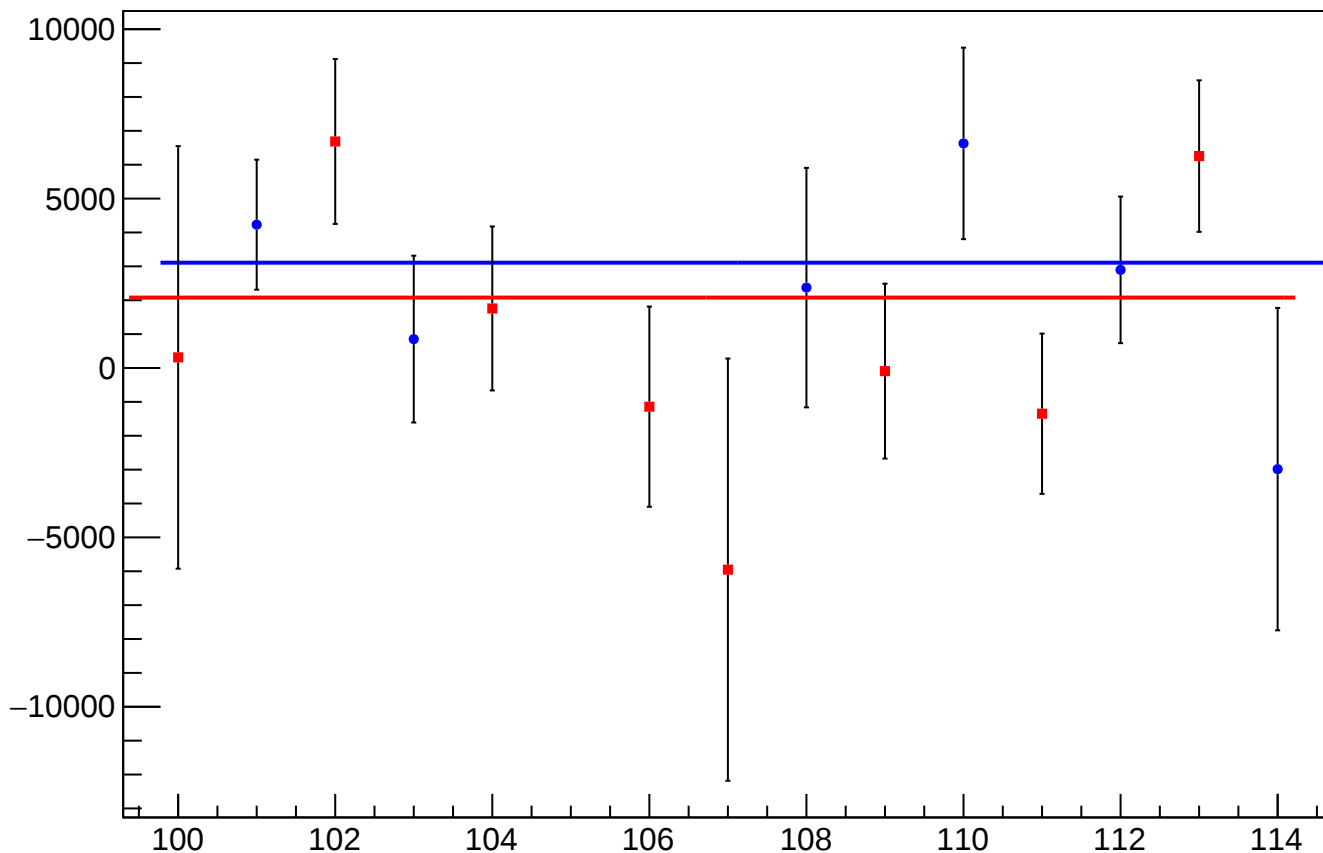
Right: 1230.742+/-0.377 χ^2/NDF : 588099.6/13

In: 1202.703+/-0.552 χ^2/NDF : 189432.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1230.742+/-0.377 χ^2/NDF : 588099.6/13

asym_usl_mean vs Slug, Sign Corrected



Right In: 3108.328 $\pm$ 1054.253 χ^2/NDF : 4.4/5

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

Right Out: 2077.761 $\pm$ 983.198 χ^2/NDF : 12.8/7

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

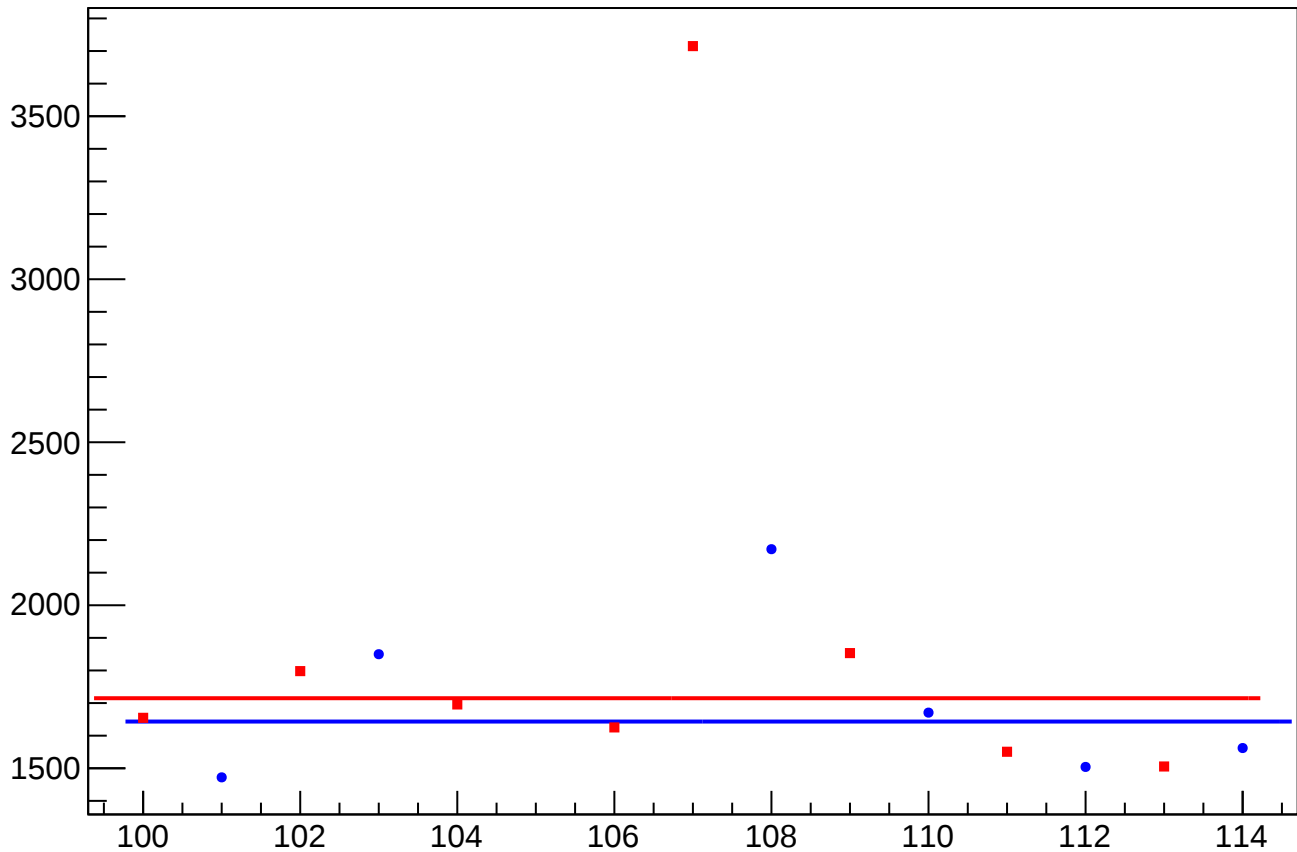
Right: 2557.148 $\pm$ 719.034 χ^2/NDF : 17.8/13

In: 3108.328 $\pm$ 1054.253 χ^2/NDF : 4.4/5

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

All: 2557.148 $\pm$ 719.034 χ^2/NDF : 17.8/13

asym_usl_rms vs Slug, Sign Corrected



Right In: 1643.313+/-0.745 χ^2/NDF : 83785.9/5

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

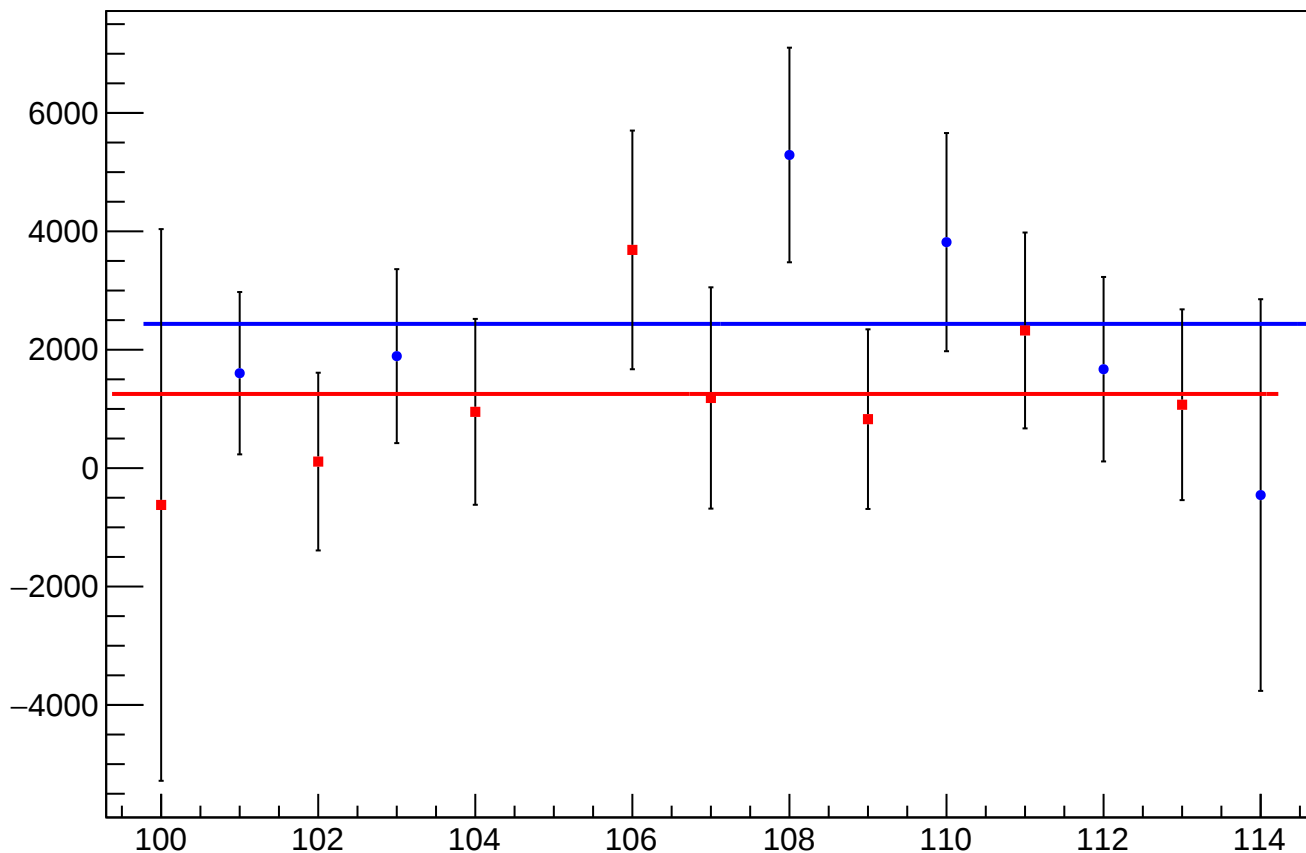
Right: 1681.583+/-0.508 χ^2/NDF : 332143.3/13

In: 1643.313+/-0.745 χ^2/NDF : 83785.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1681.583+/-0.508 χ^2/NDF : 332143.3/13

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 2436.772 $\pm$ 690.534 χ^2 /NDF: 4.6/5

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

Right Out: 1253.219 $\pm$ 618.642 χ^2 /NDF: 2.7/7

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

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

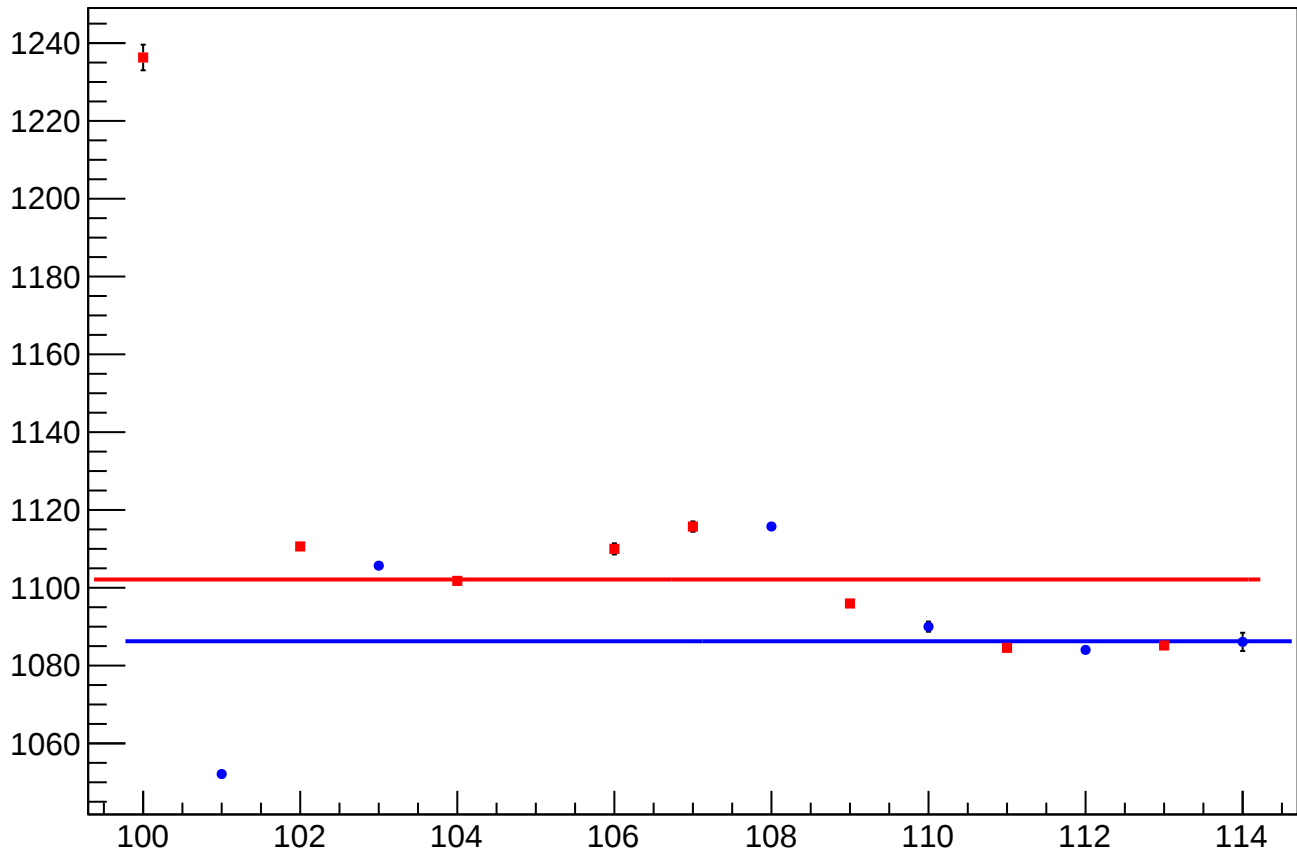
Right: 1780.197 $\pm$ 460.774 χ^2 /NDF: 8.9/13

In: 2436.772 $\pm$ 690.534 χ^2 /NDF:4.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1780.197 $\pm$ 460.774 χ^2 /NDF: 8.9/13

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1086.253+/-0.488 χ^2/NDF : 2130.7/5

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

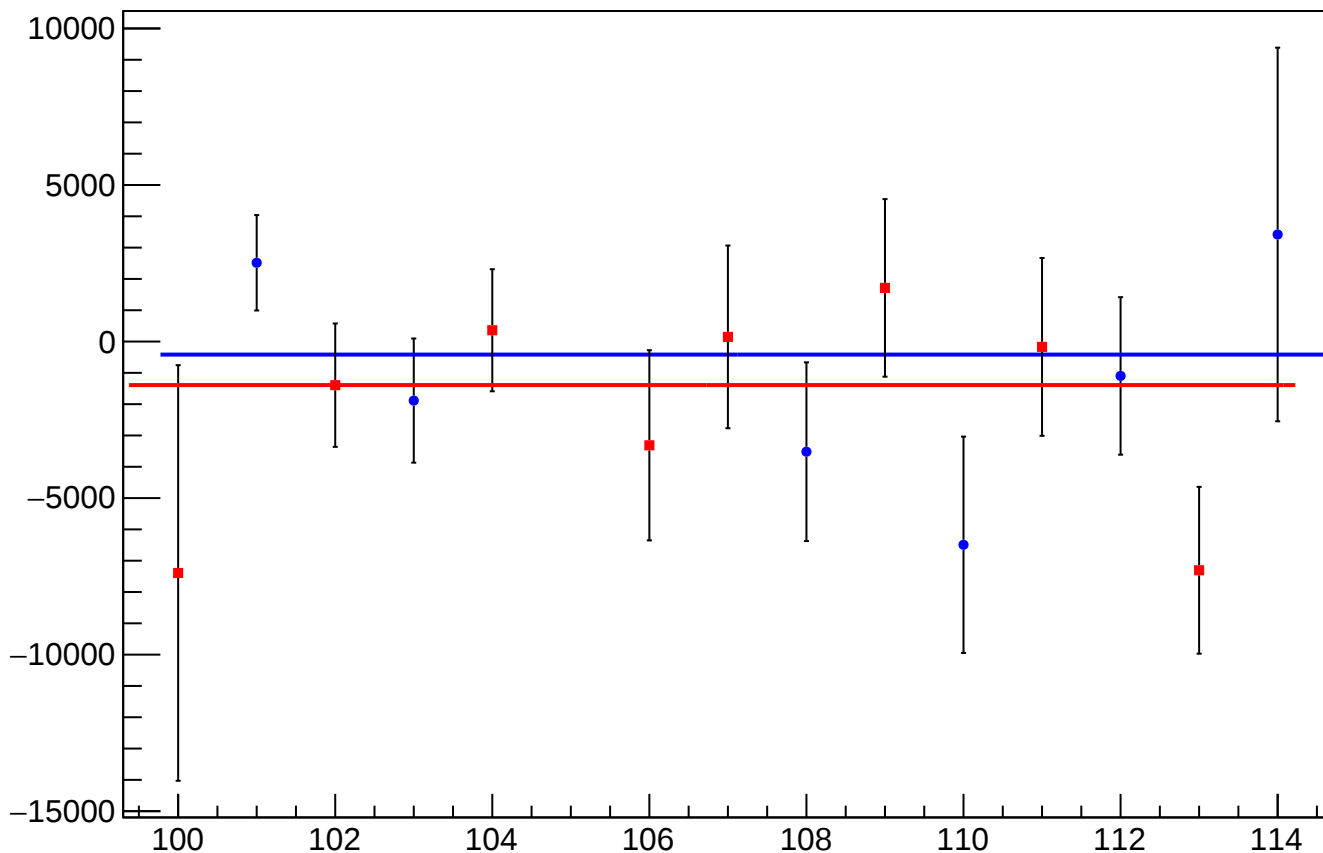
Right: 1095.061+/-0.326 χ^2/NDF : 5055.8/13

In: 1086.253+/-0.488 χ^2/NDF : 2130.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1095.061+/-0.326 χ^2/NDF : 5055.8/13

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -416.559+/-963.208 χ^2/NDF : 9.0/5

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

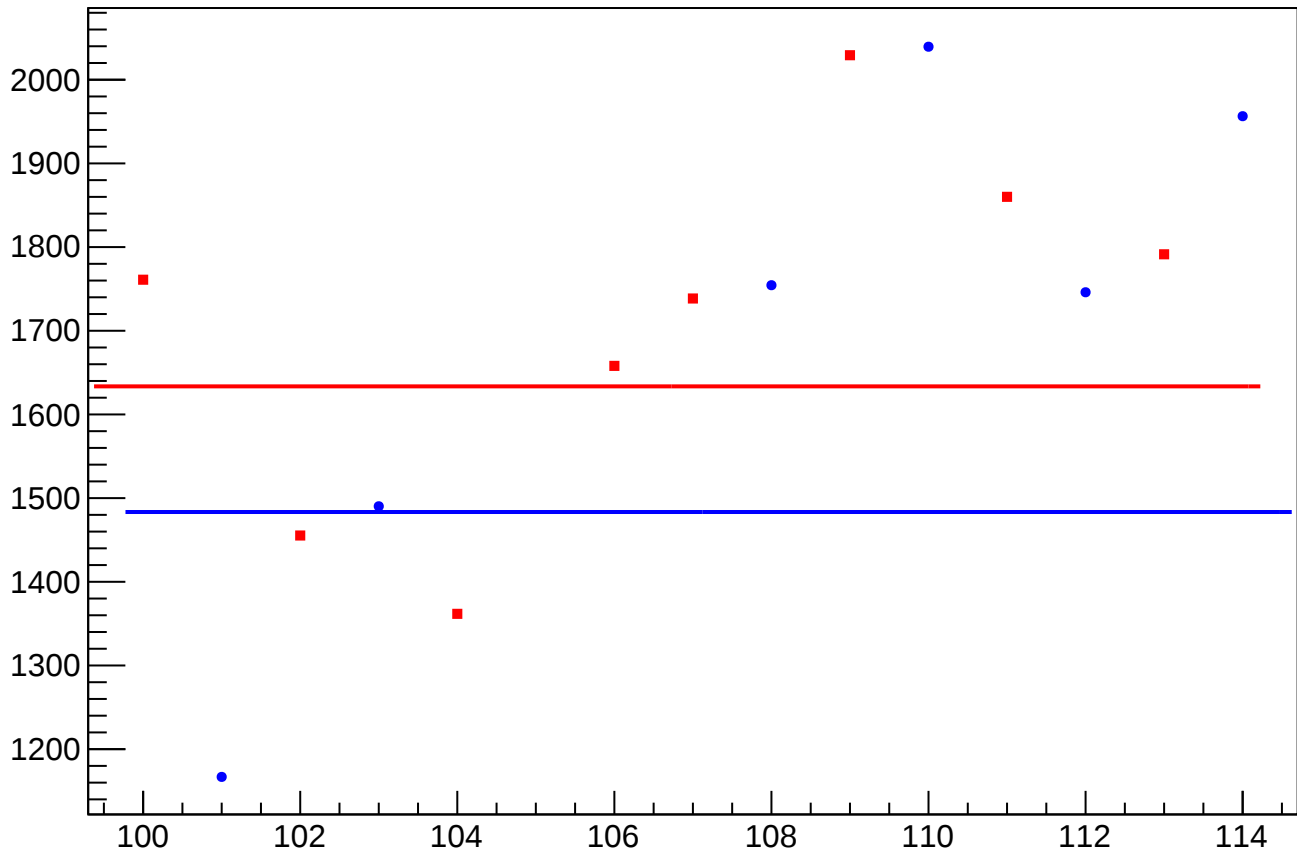
Right: -920.994+/-668.721 χ^2/NDF : 18.2/13

In: -416.559+/-963.208 χ^2/NDF : 9.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -920.994+/-668.721 χ^2/NDF : 18.2/13

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1483.410+/-0.681 χ^2/NDF : 190582.8/5

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

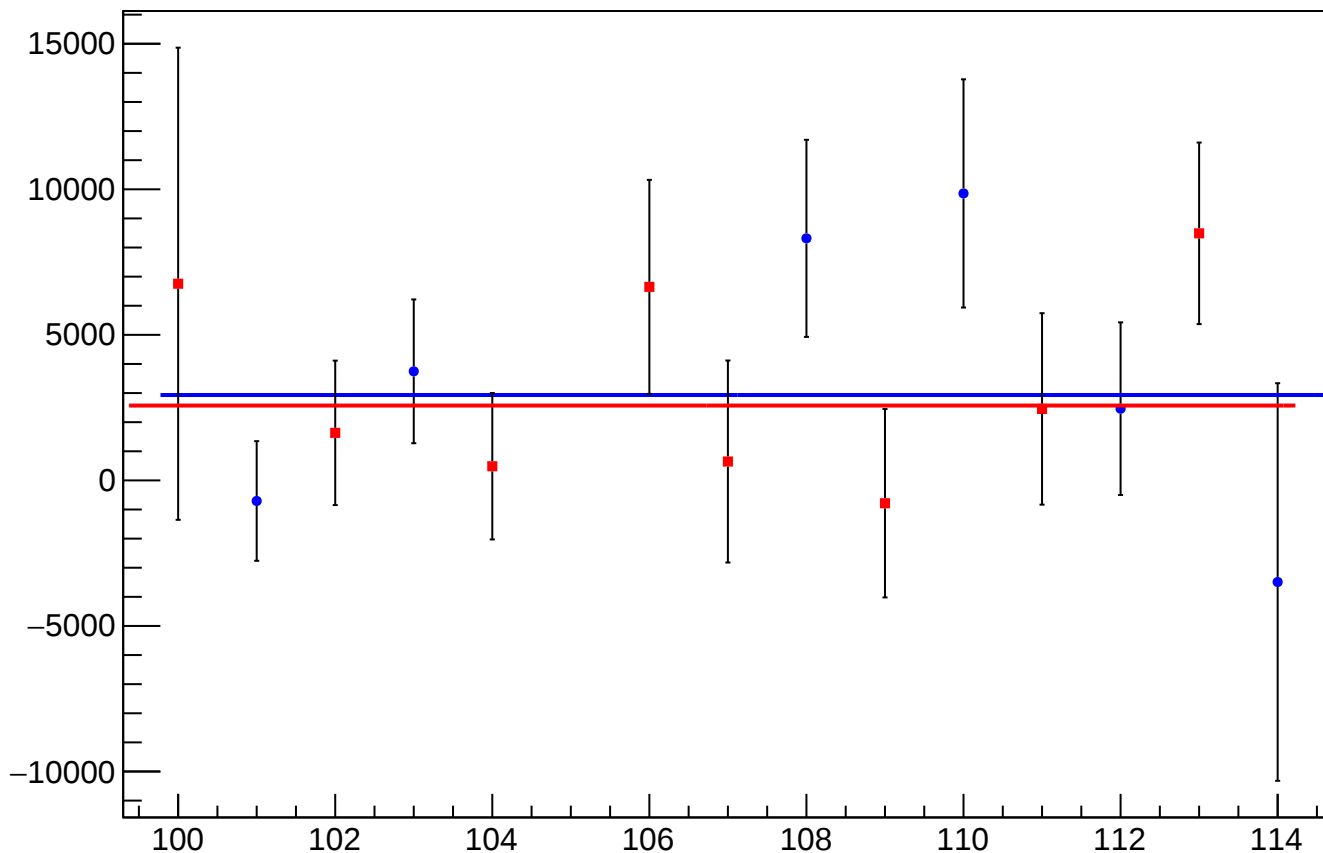
Right: 1561.184+/-0.473 χ^2/NDF : 333135.0/13

In: 1483.410+/-0.681 χ^2/NDF : 190582.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1561.184+/-0.473 χ^2/NDF : 333135.0/13

asym_usr_mean vs Slug, Sign Corrected



Right In: 2933.595+/-1205.355 χ^2/NDF : 9.8/5

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

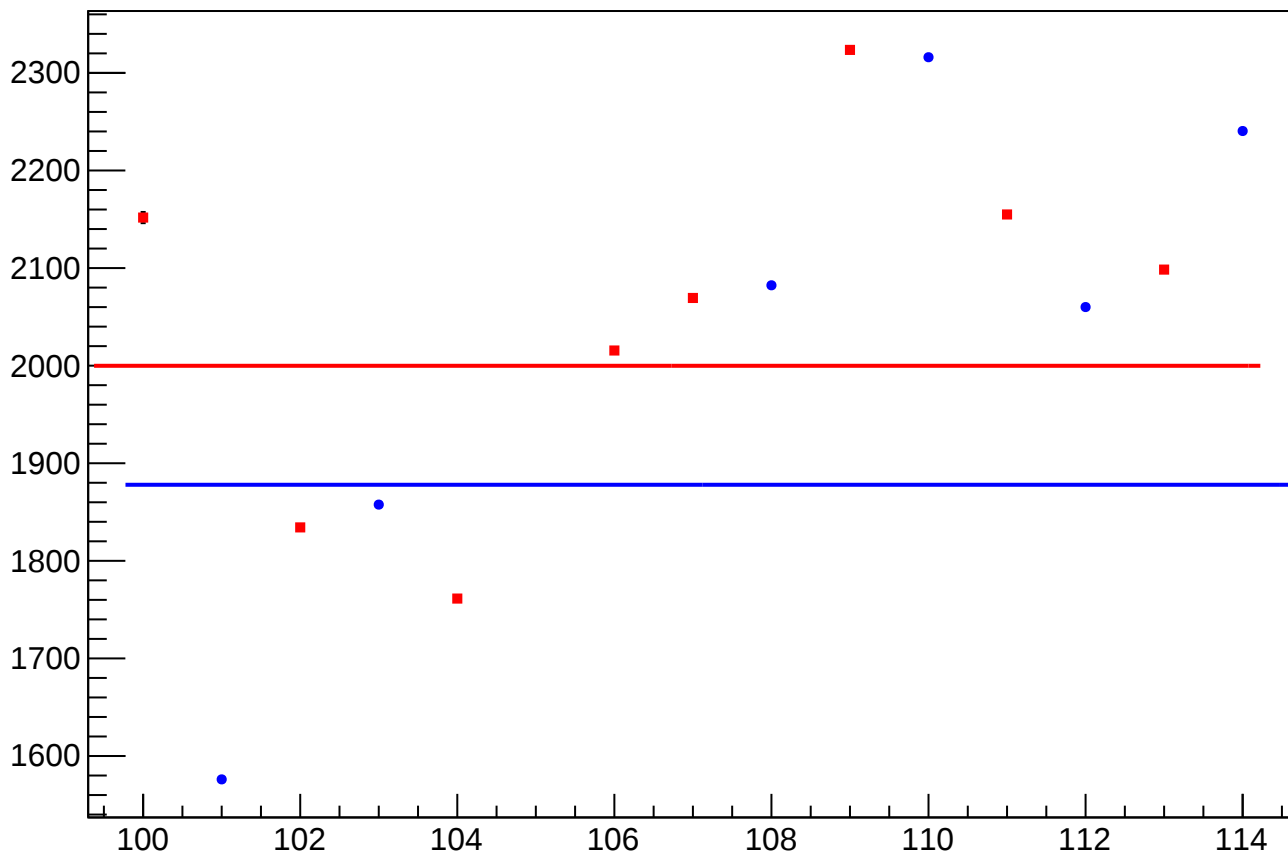
Right: 2740.986+/-824.232 χ^2/NDF : 17.2/13

In: 2933.595+/-1205.355 χ^2/NDF : 9.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2740.986+/-824.232 χ^2/NDF : 17.2/13

asym_usr_rms vs Slug, Sign Corrected



Right In: 1877.946+/-0.852 χ^2/NDF : 88760.6/5

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

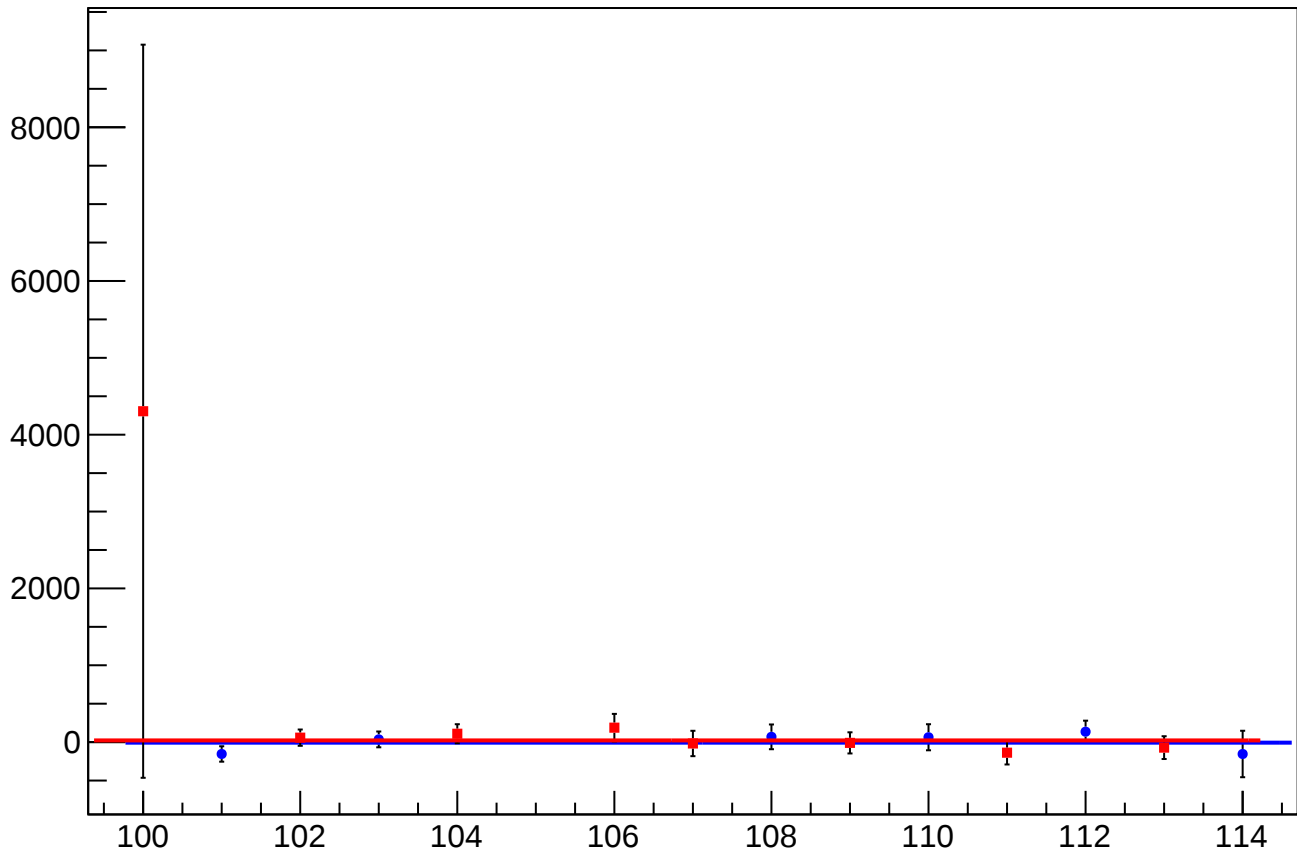
Right: 1942.859+/-0.583 χ^2/NDF : 154563.7/13

In: 1877.946+/-0.852 χ^2/NDF : 88760.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1942.859+/-0.583 χ^2/NDF : 154563.7/13

reg_asym_dsl_mean vs Slug, Sign Corrected



Right In: -6.965+/-55.314 χ^2/NDF : 3.9/5

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

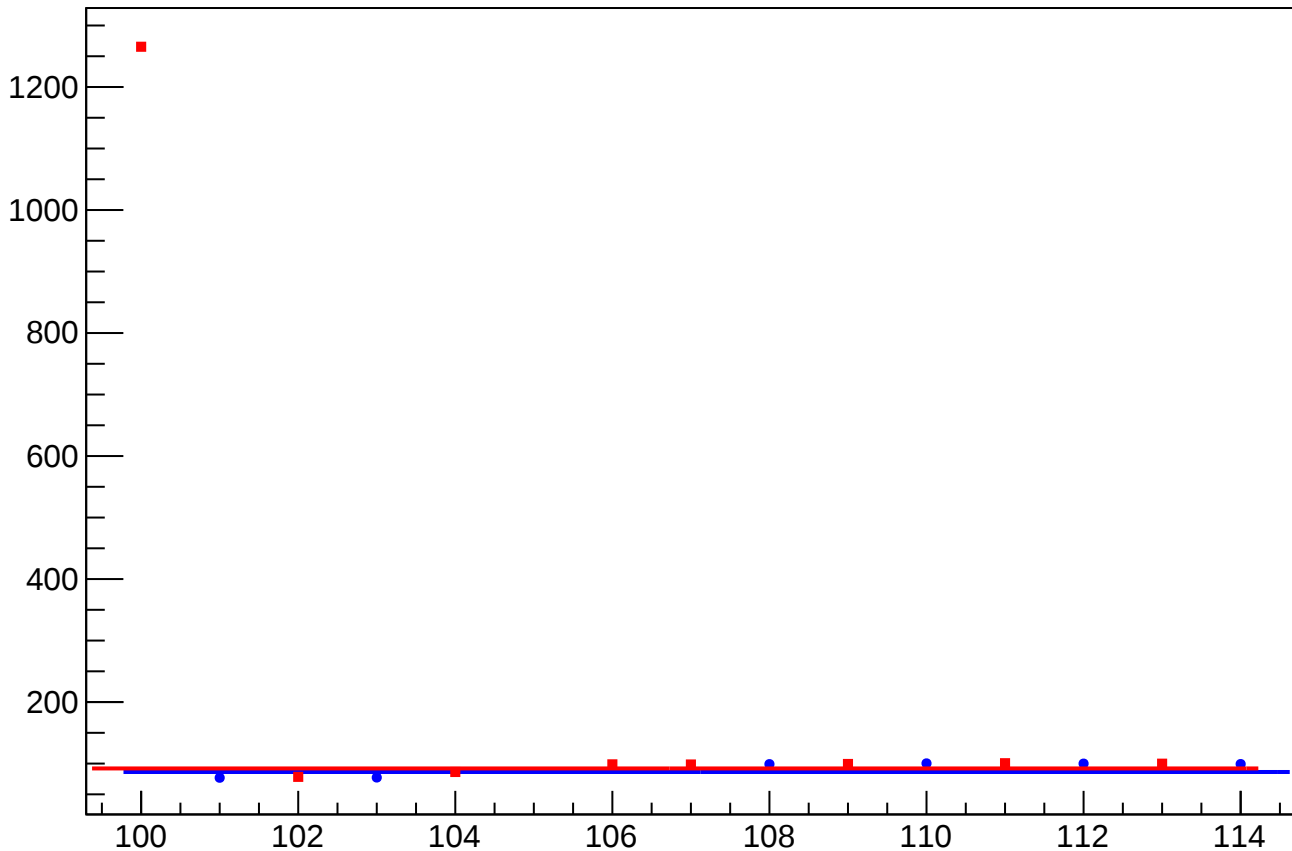
Right: 8.358+/-38.077 χ^2/NDF : 7.9/13

In: -6.965+/-55.314 χ^2/NDF : 3.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.358+/-38.077 χ^2/NDF : 7.9/13

reg_asym_dsl_rms vs Slug, Sign Corrected



Right In: 86.323+/-0.039 χ^2/NDF : 80596.5/5

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

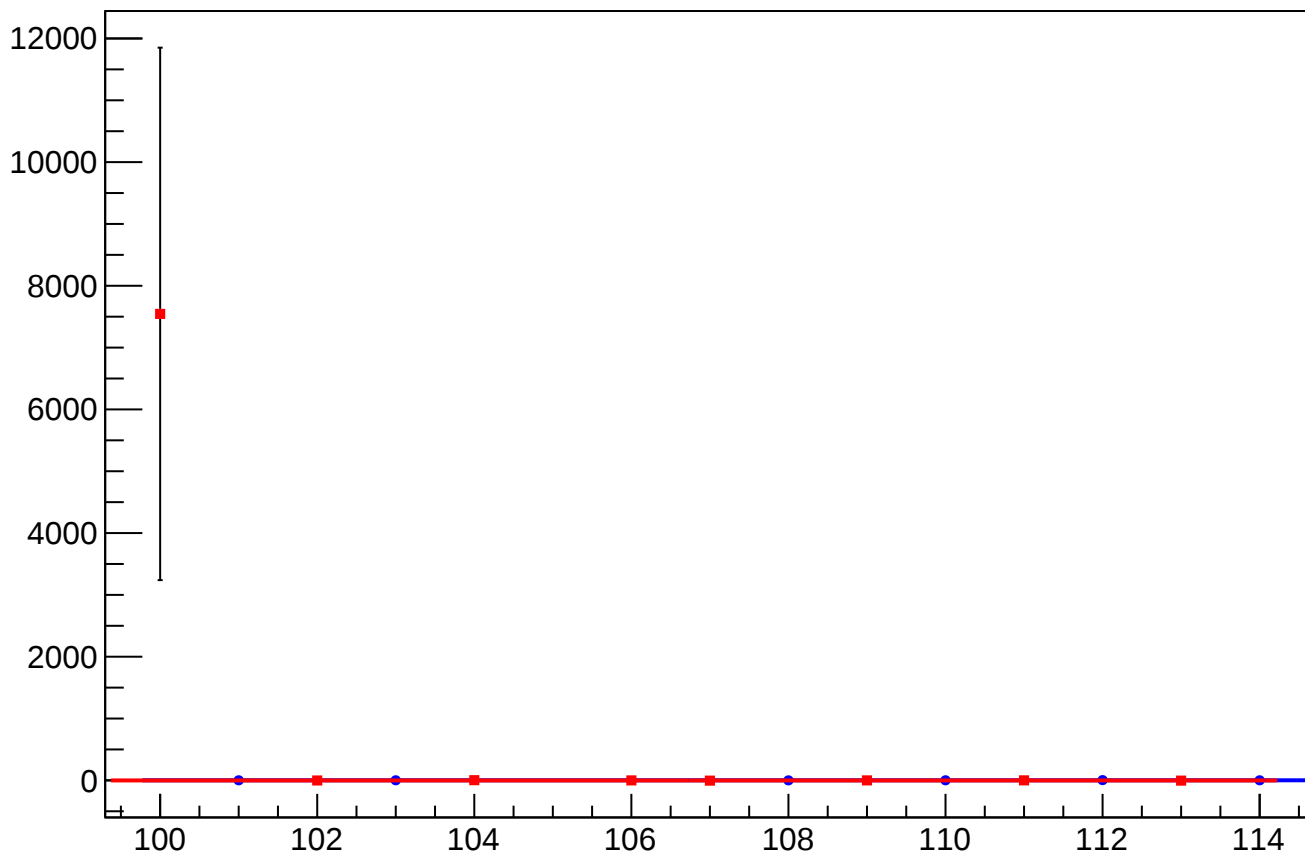
Right: 89.357+/-0.027 χ^2/NDF : 273616.9/13

In: 86.323+/-0.039 χ^2/NDF : 80596.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.357+/-0.027 χ^2/NDF : 273616.9/13

asym_dsl_correction_mean vs Slug, Sign Corrected



Right In: 1.126+/-0.868 χ^2/NDF : 1.6/5

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

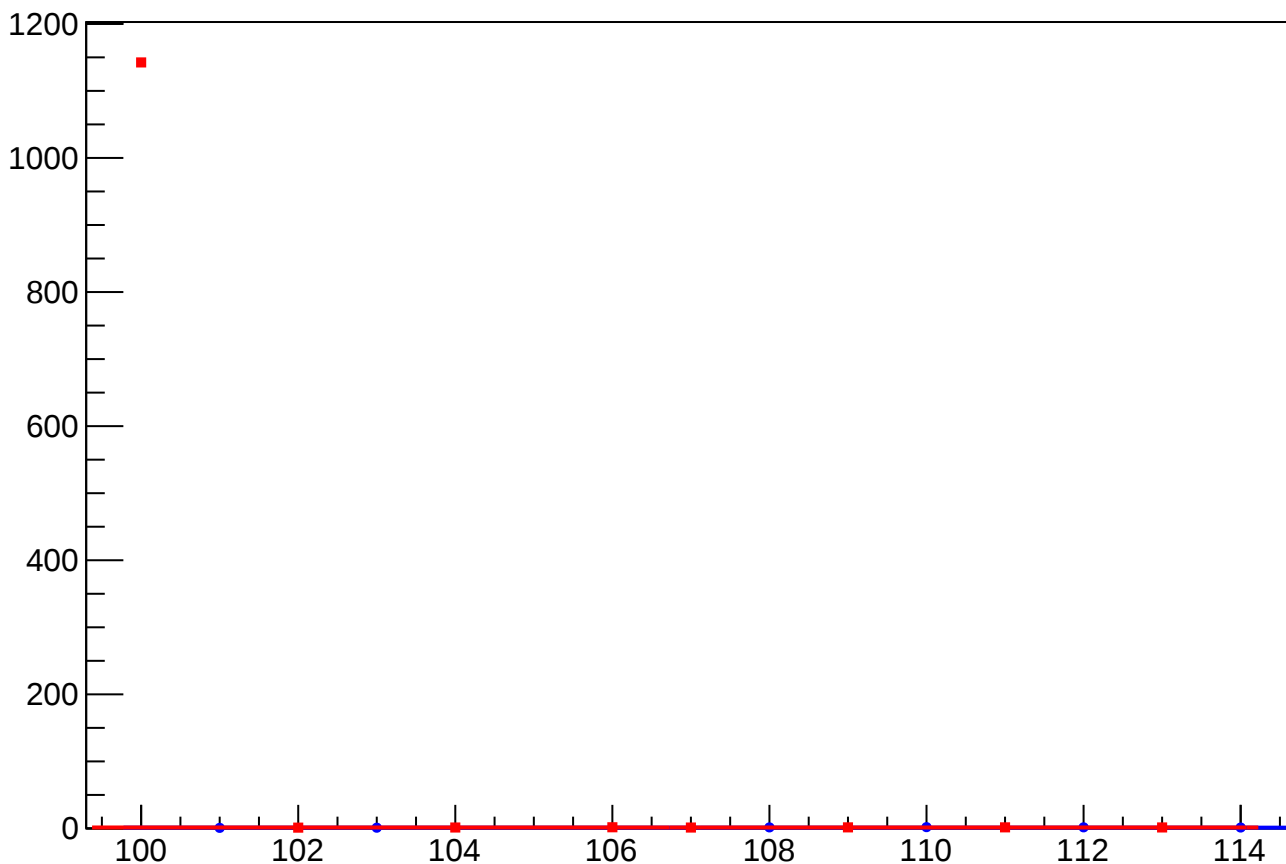
Right: -0.030+/-0.627 χ^2/NDF : 15.7/13

In: 1.126+/-0.868 χ^2/NDF : 1.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.030+/-0.627 χ^2/NDF : 15.7/13

asym_dsl_correction_rms vs Slug, Sign Corrected



Right In: 1.187 $\pm$ 0.001 χ^2 /NDF: 320252.4/5

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

Right Out: 1.456 $\pm$ 0.001 χ^2 /NDF: 215879.4/7

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

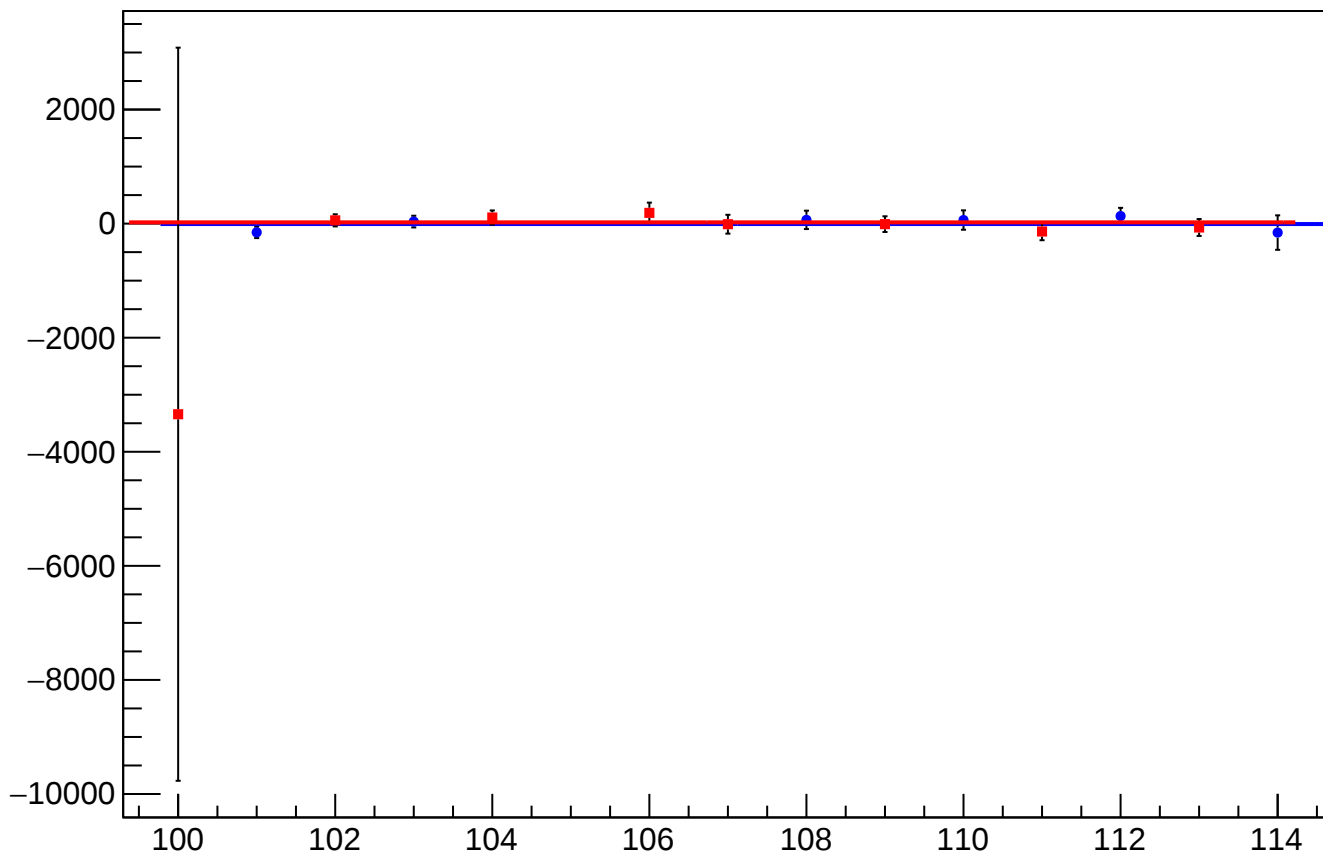
Right: 1.316 $\pm$ 0.000 χ^2 /NDF: 628020.5/13

In: 1.187 $\pm$ 0.001 χ^2 /NDF:320252.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.316 $\pm$ 0.000 χ^2 /NDF: 628020.5/13

asym_dsl_mean vs Slug, Sign Corrected



Right In: -7.531+/-55.328 χ^2/NDF : 3.9/5

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

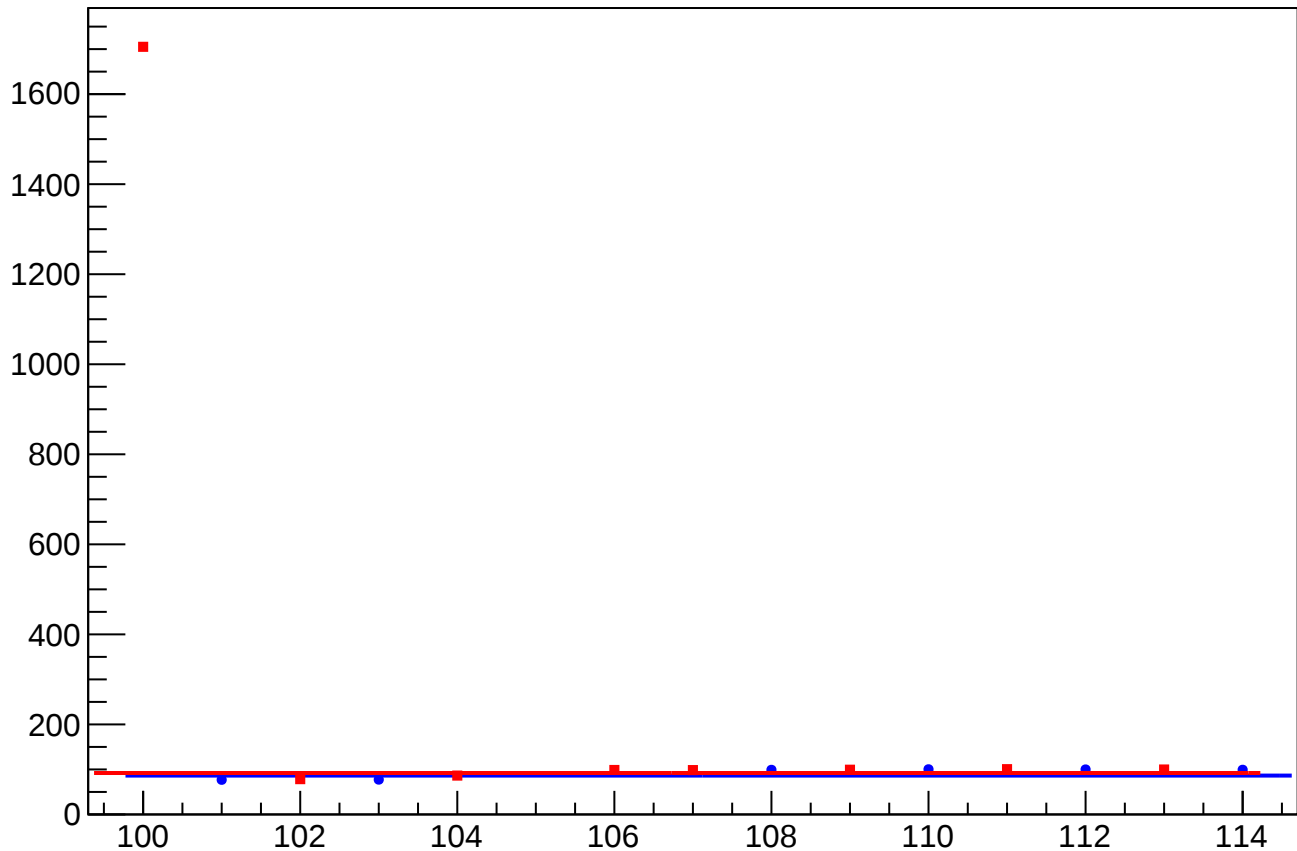
Right: 8.088+/-38.088 χ^2/NDF : 7.3/13

In: -7.531+/-55.328 χ^2/NDF : 3.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.088+/-38.088 χ^2/NDF : 7.3/13

asym_dsl_rms vs Slug, Sign Corrected



Right In: 86.344+/-0.039 χ^2/NDF : 80604.5/5

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

Right Out: 92.079+/-0.037 χ^2/NDF : 186501.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

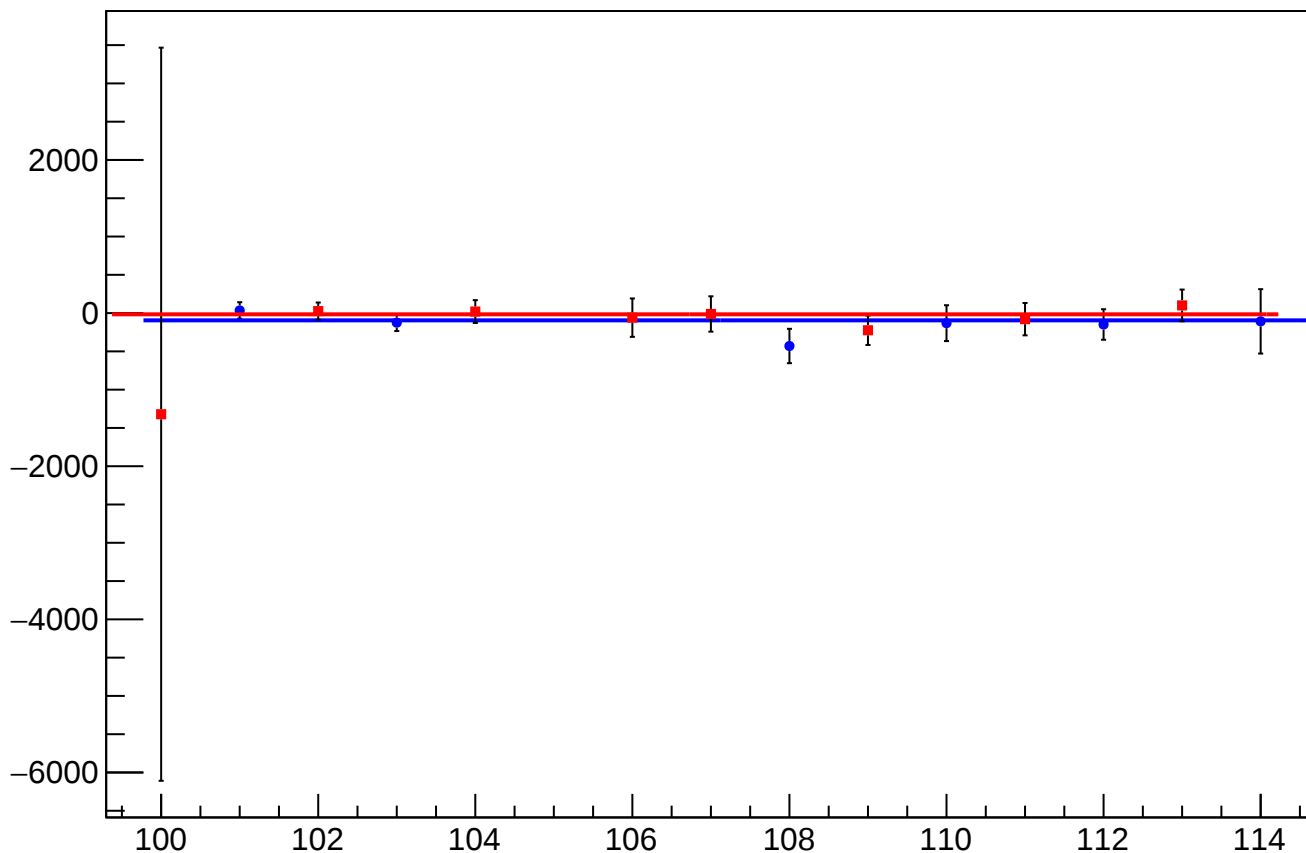
Right: 89.362+/-0.027 χ^2/NDF : 278411.5/13

In: 86.344+/-0.039 χ^2/NDF : 80604.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.362+/-0.027 χ^2/NDF : 278411.5/13

reg_asym_dsr_mean vs Slug, Sign Corrected



Right In: -94.793+/-64.796 χ^2/NDF : 3.9/5

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

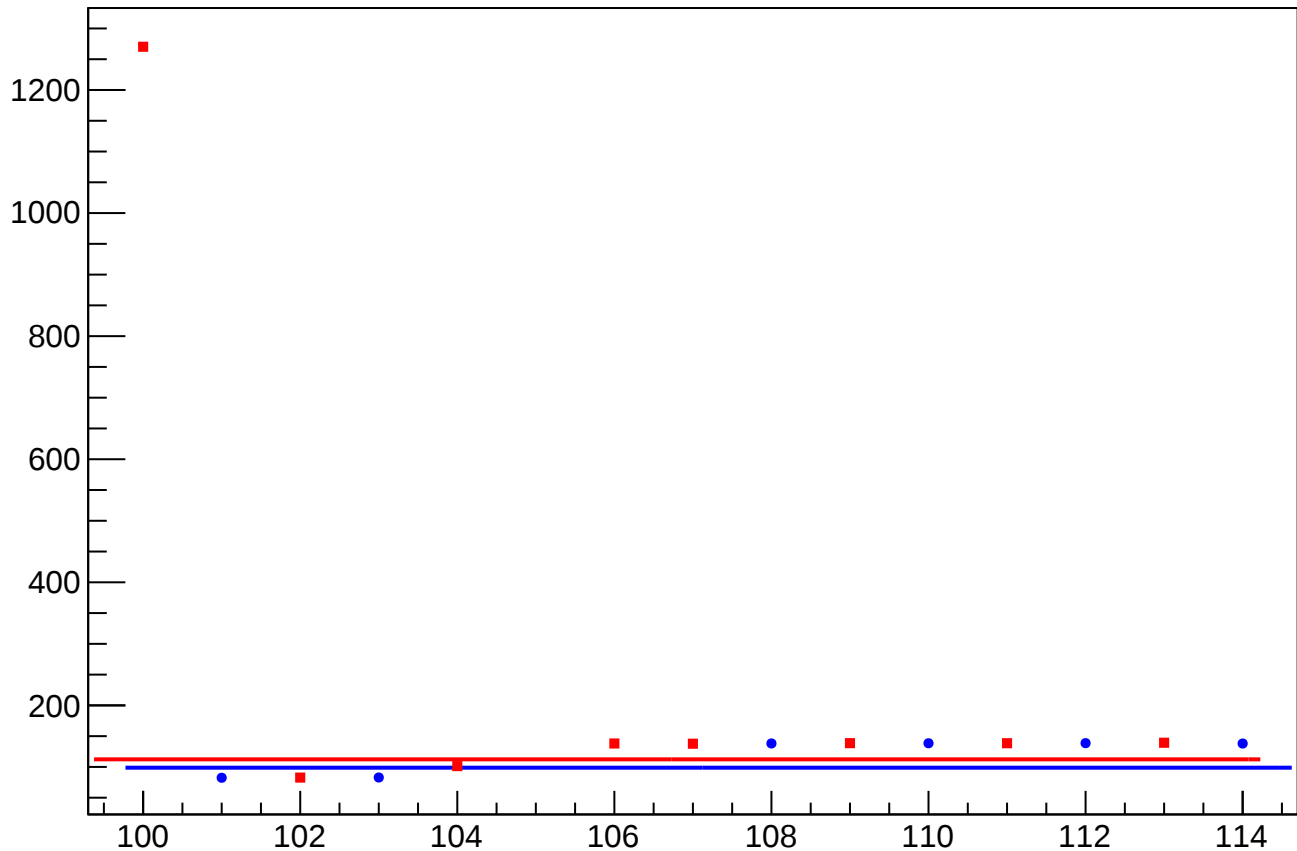
Right: -55.874+/-46.080 χ^2/NDF : 6.5/13

In: -94.793+/-64.796 χ^2/NDF : 3.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.874+/-46.080 χ^2/NDF : 6.5/13

reg_asym_dsr_rms vs Slug, Sign Corrected



Right In: 98.758+/-0.046 χ^2/NDF : 304956.0/5

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

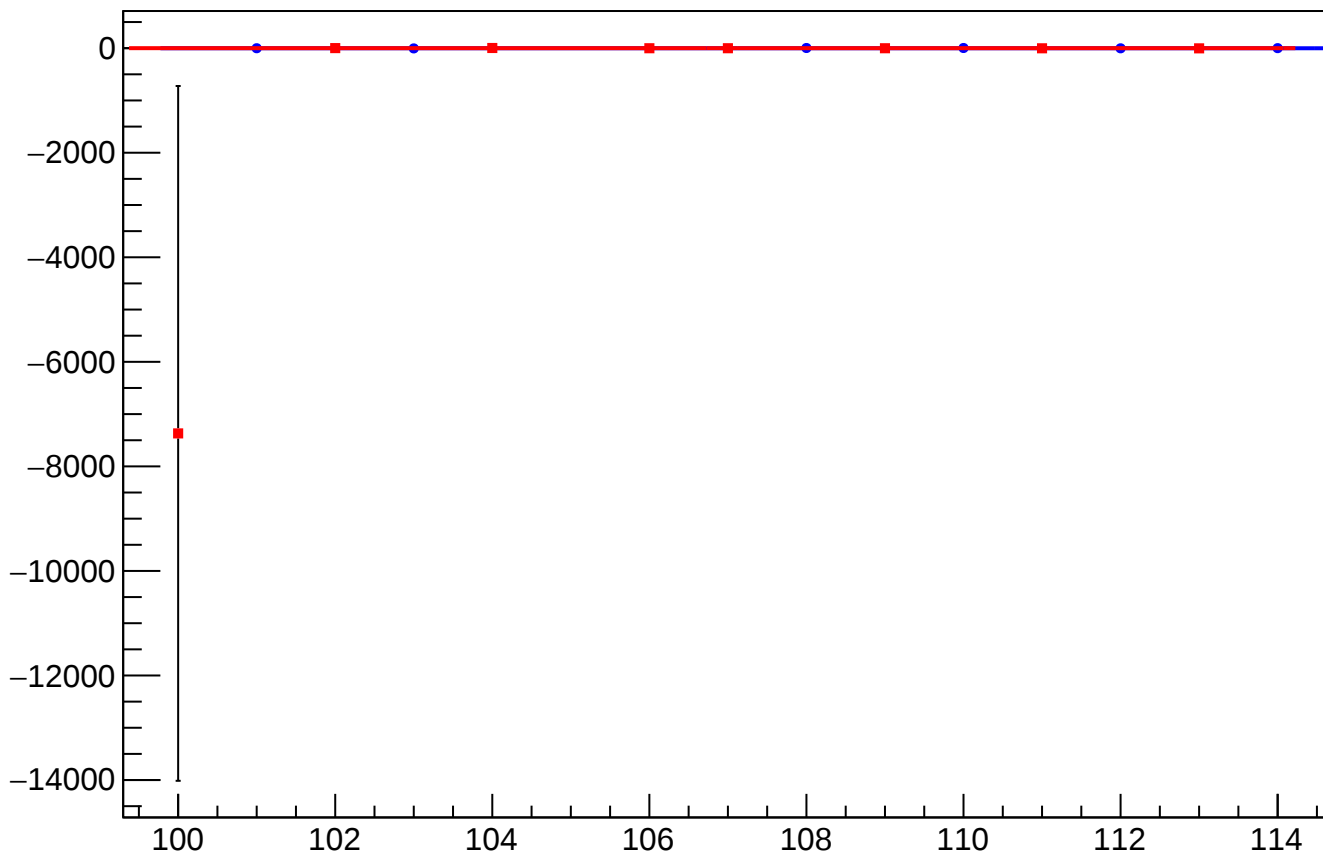
Right: 105.462+/-0.033 χ^2/NDF : 764538.2/13

In: 98.758+/-0.046 χ^2/NDF : 304956.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.462+/-0.033 χ^2/NDF : 764538.2/13

asym_dsr_correction_mean vs Slug, Sign Corrected



Right In: -1.540 ± 1.135 χ^2/NDF : 5.4/5

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

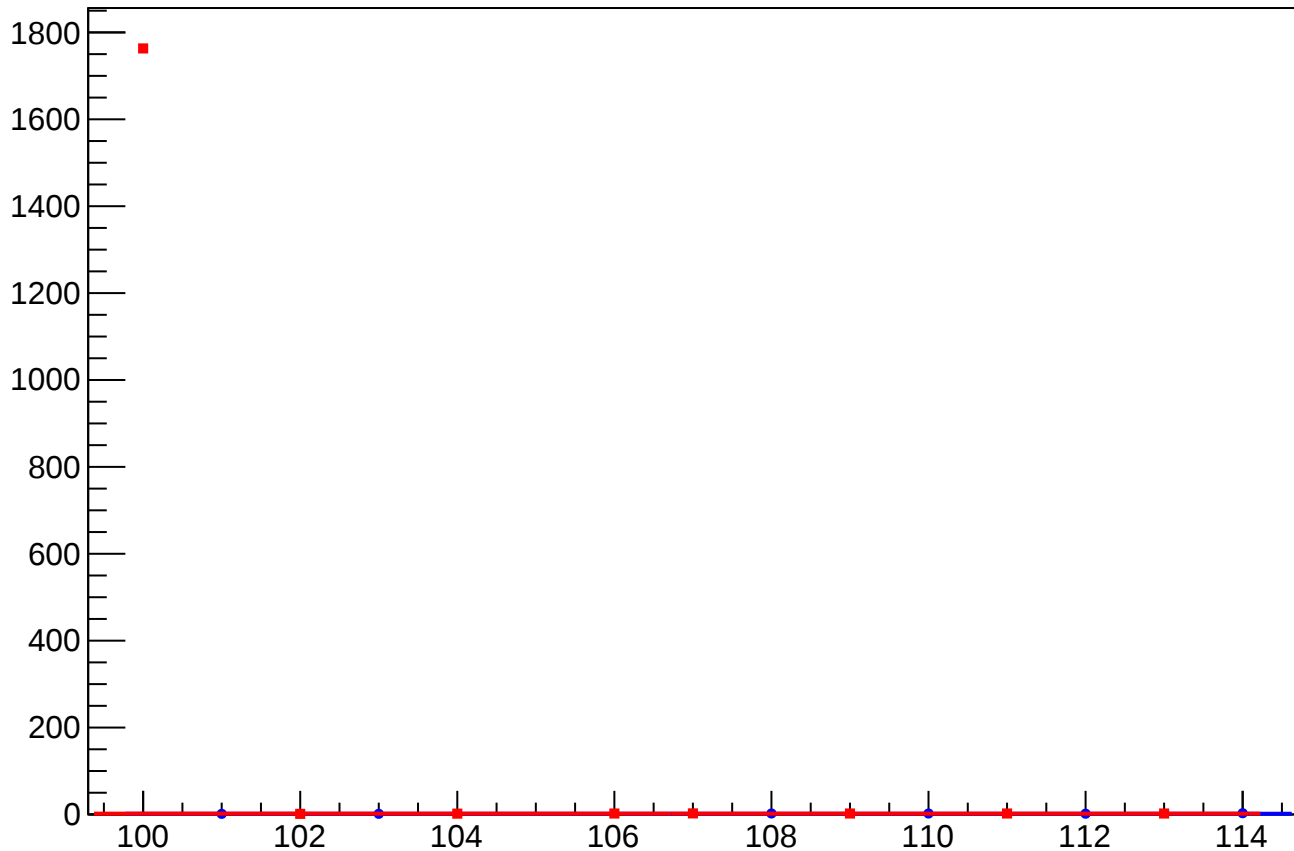
Right: -0.707 ± 0.817 χ^2/NDF : 11.3/13

In: -1.540 ± 1.135 χ^2/NDF : 5.4/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.707 ± 0.817 χ^2/NDF : 11.3/13

asym_dsr_correction_rms vs Slug, Sign Corrected



Right In: 1.603 $\pm$ 0.001 χ^2 /NDF: 173786.9/5

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

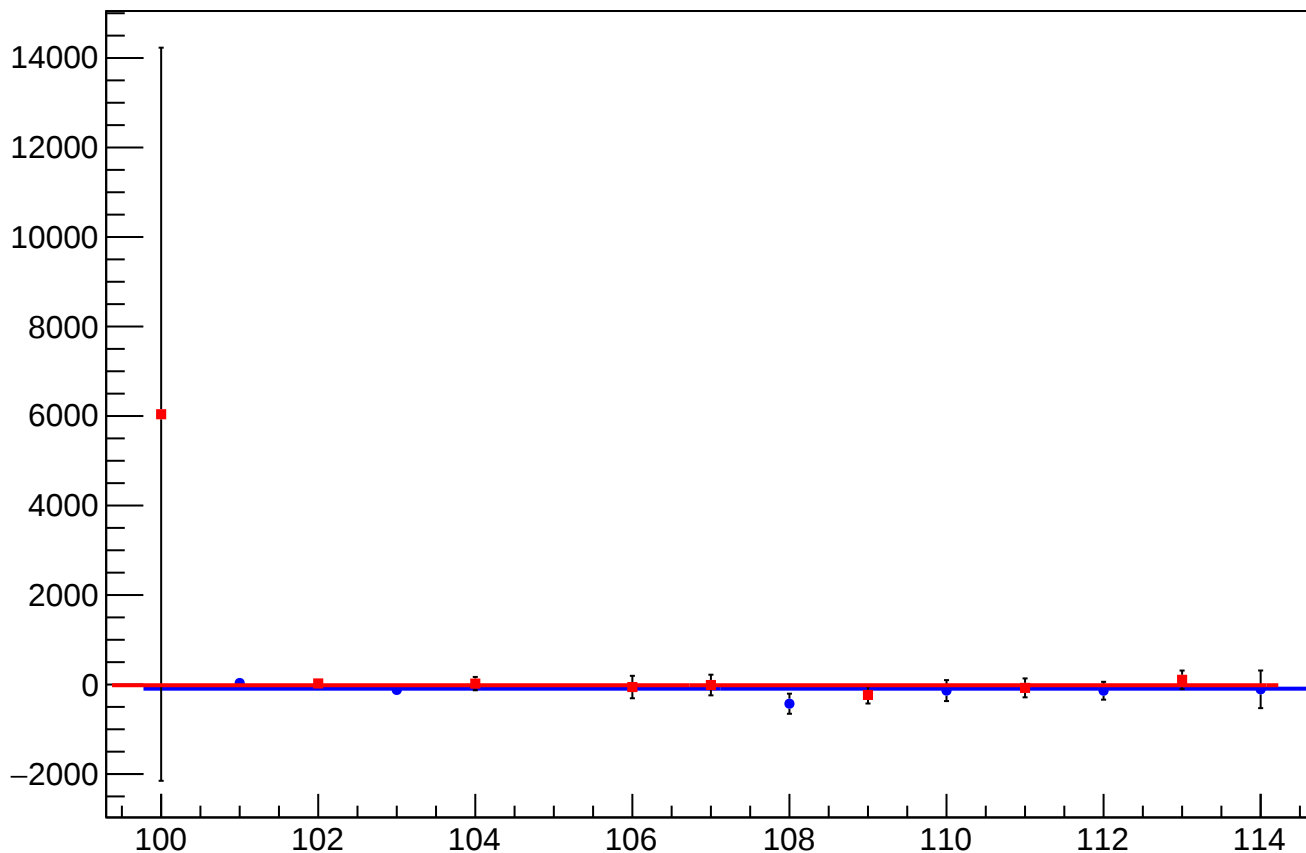
Right: 1.728 $\pm$ 0.001 χ^2 /NDF: 582678.1/13

In: 1.603 $\pm$ 0.001 χ^2 /NDF:173786.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.728 $\pm$ 0.001 χ^2 /NDF: 582678.1/13

asym_dsr_mean vs Slug, Sign Corrected



Right In: -92.420+/-64.813 χ^2/NDF : 3.8/5

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

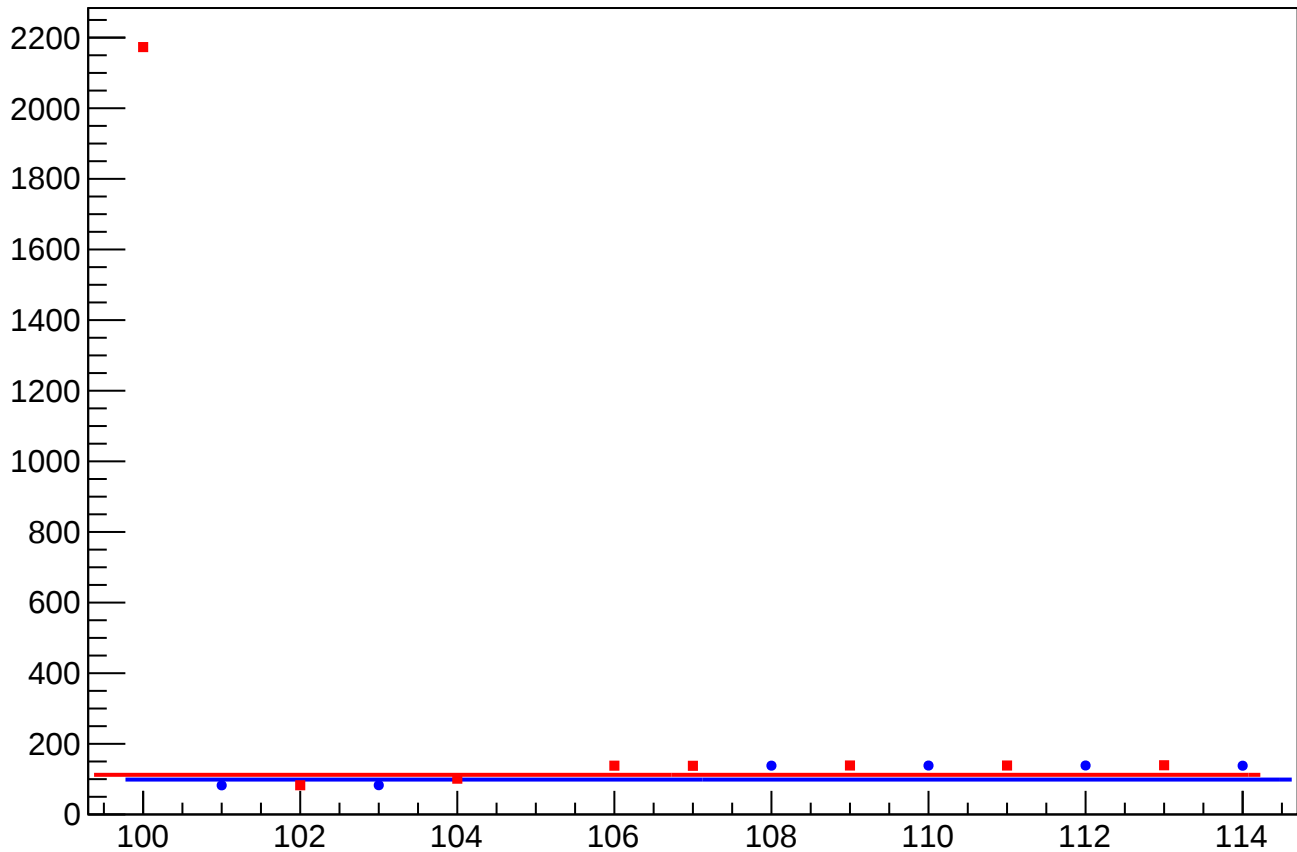
Right: -54.458+/-46.094 χ^2/NDF : 6.9/13

In: -92.420+/-64.813 χ^2/NDF : 3.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -54.458+/-46.094 χ^2/NDF : 6.9/13

asym_dsr_rms vs Slug, Sign Corrected



Right In: 98.784+/-0.046 χ^2/NDF : 304969.8/5

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

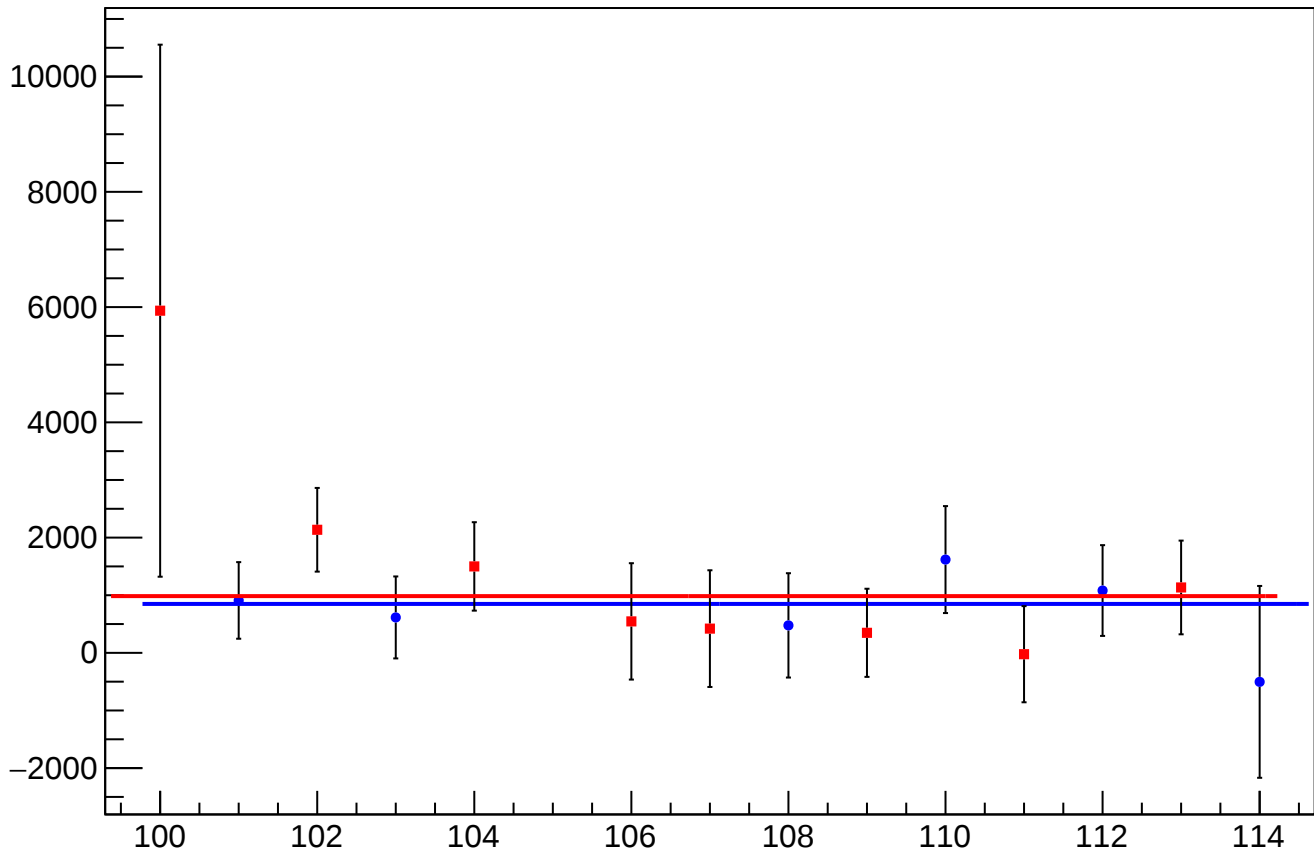
Right: 105.447+/-0.033 χ^2/NDF : 773635.4/13

In: 98.784+/-0.046 χ^2/NDF : 304969.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.447+/-0.033 χ^2/NDF : 773635.4/13

reg_asym_left_avg_mean vs Slug, Sign Corrected



Right In: 849.017+/-341.097 χ^2/NDF : 1.7/5

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

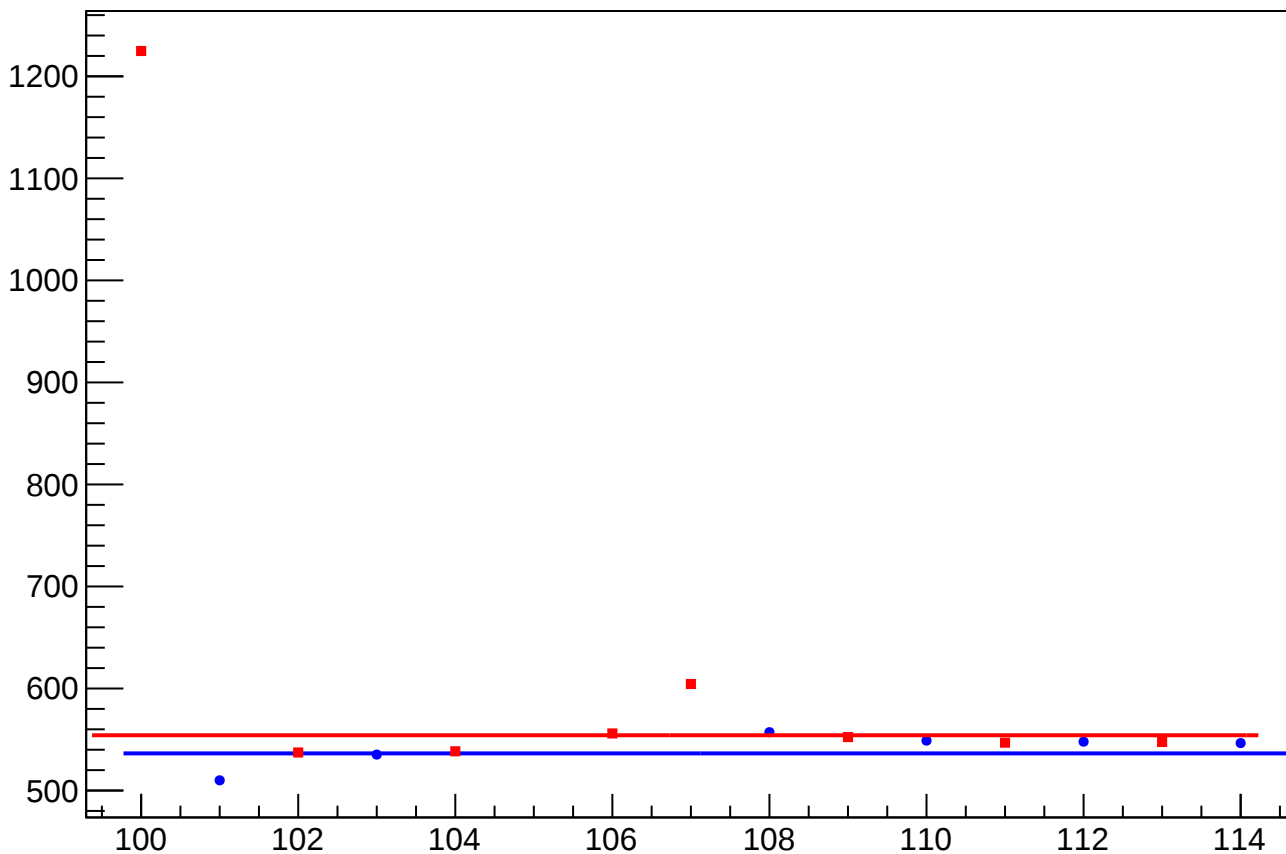
Right: 922.795+/-230.310 χ^2/NDF : 8.6/13

In: 849.017+/-341.097 χ^2/NDF : 1.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 922.795+/-230.310 χ^2/NDF : 8.6/13

reg_asym_left_avg_rms vs Slug, Sign Corrected



Right In: 536.405 $\pm$ 0.241 χ^2 /NDF: 5077.4/5

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

Right Out: 554.178 $\pm$ 0.221 χ^2 /NDF: 49355.1/7

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

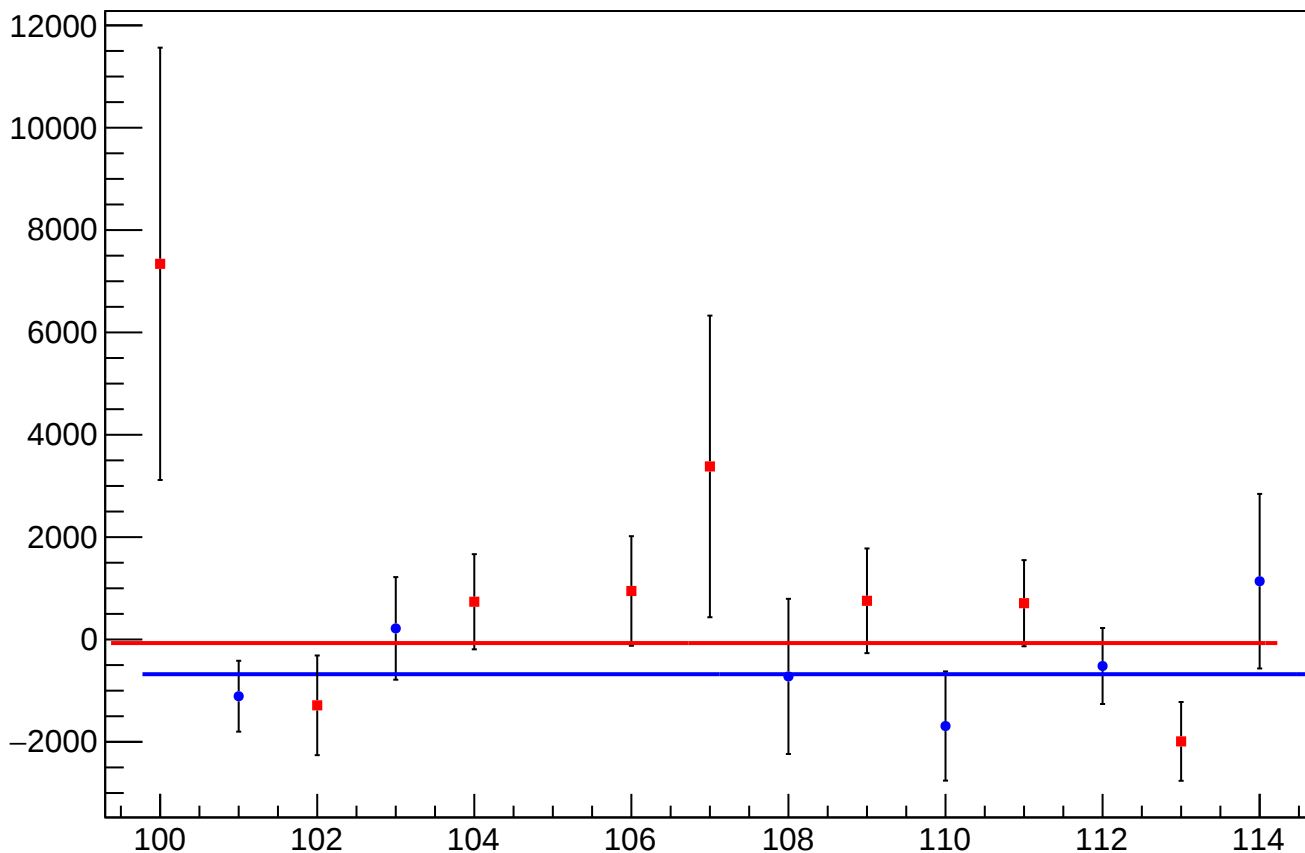
Right: 546.075 $\pm$ 0.163 χ^2 /NDF: 57386.7/13

In: 536.405 $\pm$ 0.241 χ^2 /NDF:5077.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 546.075 $\pm$ 0.163 χ^2 /NDF: 57386.7/13

asym_left_avg_correction_mean vs Slug, Sign Corrected



Right In: -678.331+/-390.630 χ^2/NDF : 3.3/5

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

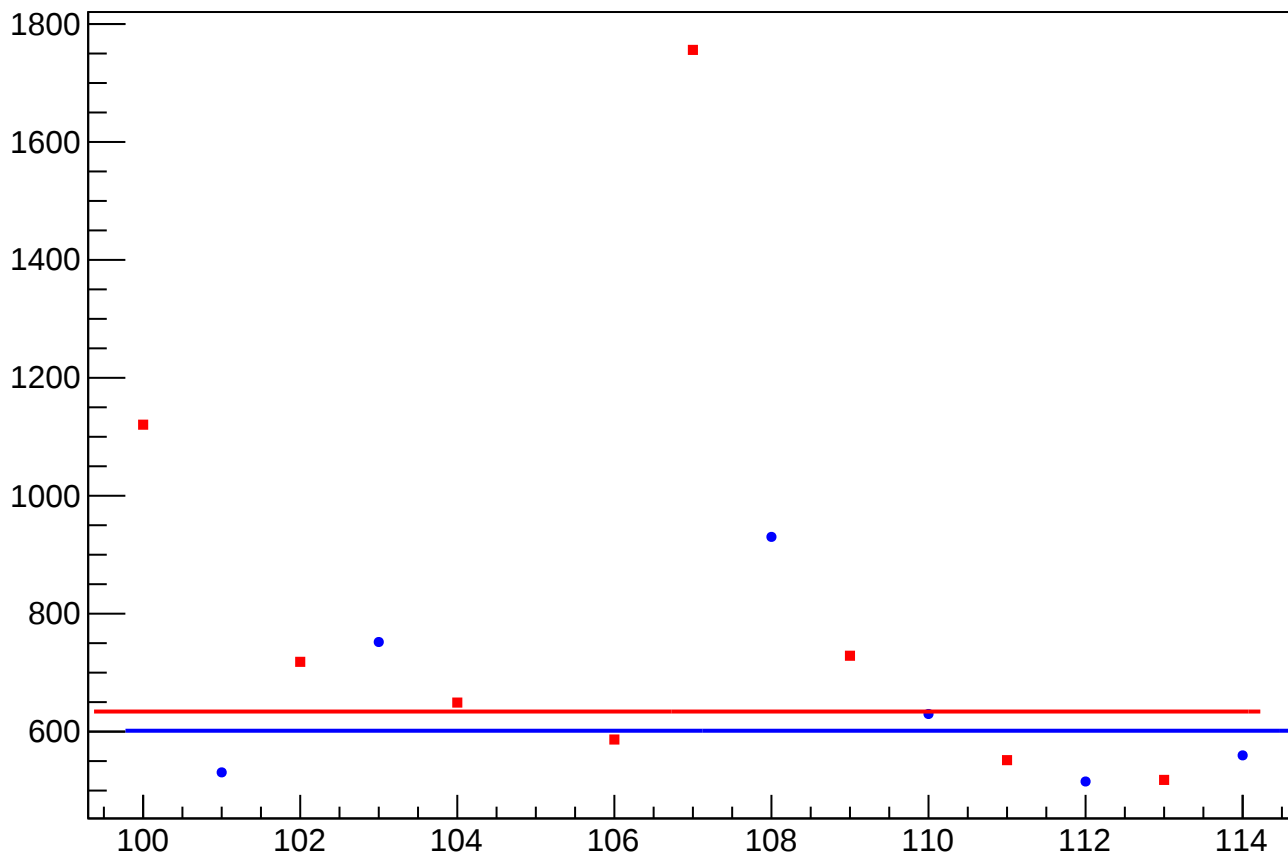
Right: -357.479+/-268.573 χ^2/NDF : 20.0/13

In: -678.331+/-390.630 χ^2/NDF : 3.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -357.479+/-268.573 χ^2/NDF : 20.0/13

asym_left_avg_correction_rms vs Slug, Sign Corrected



Right In: 601.473+/-0.276 χ^2/NDF : 189453.2/5

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

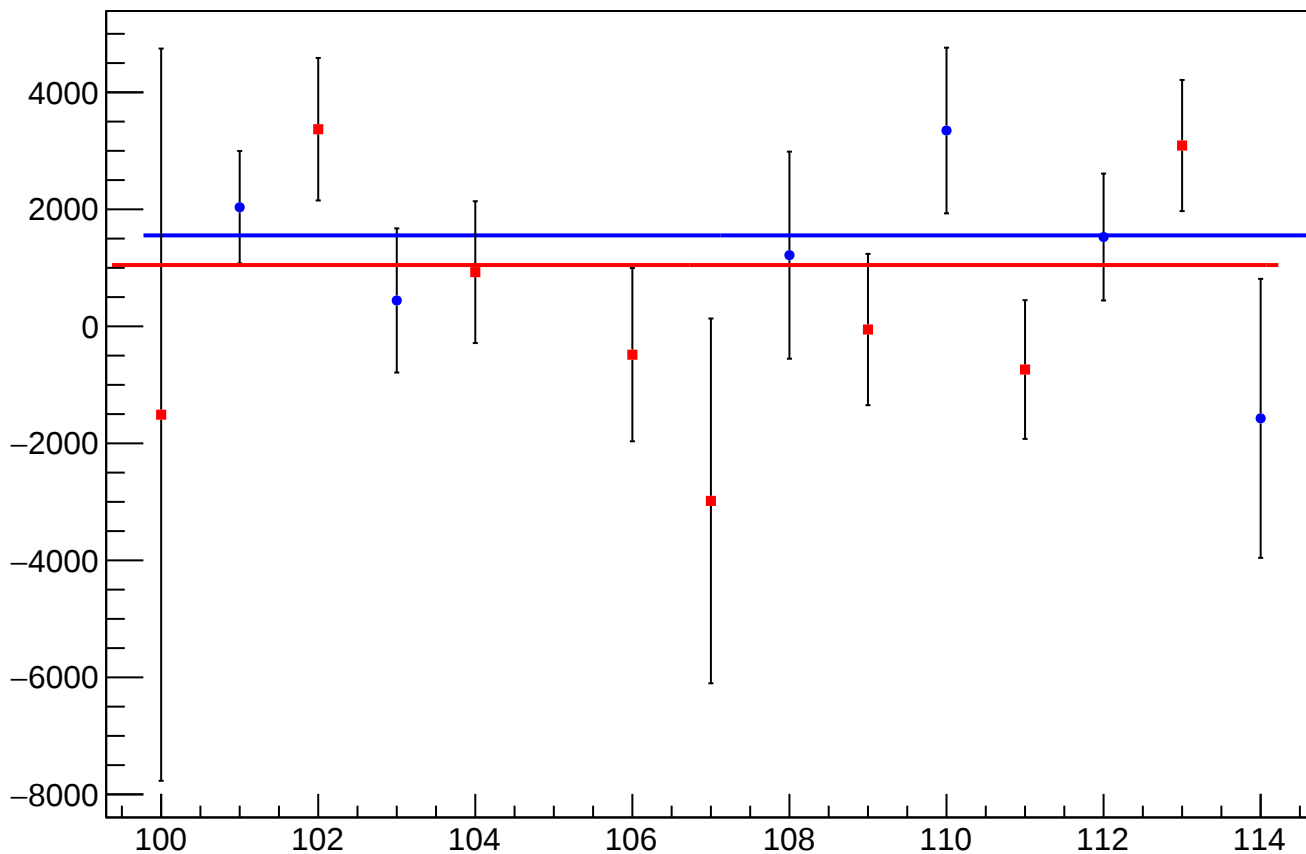
Right: 618.648+/-0.190 χ^2/NDF : 614422.3/13

In: 601.473+/-0.276 χ^2/NDF : 189453.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 618.648+/-0.190 χ^2/NDF : 614422.3/13

asym_left_avg_mean vs Slug, Sign Corrected



Right In: 1554.898 $\pm$ 528.091 χ^2 /NDF: 4.4/5

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

Right Out: 1047.767 $\pm$ 497.217 χ^2 /NDF: 12.9/7

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

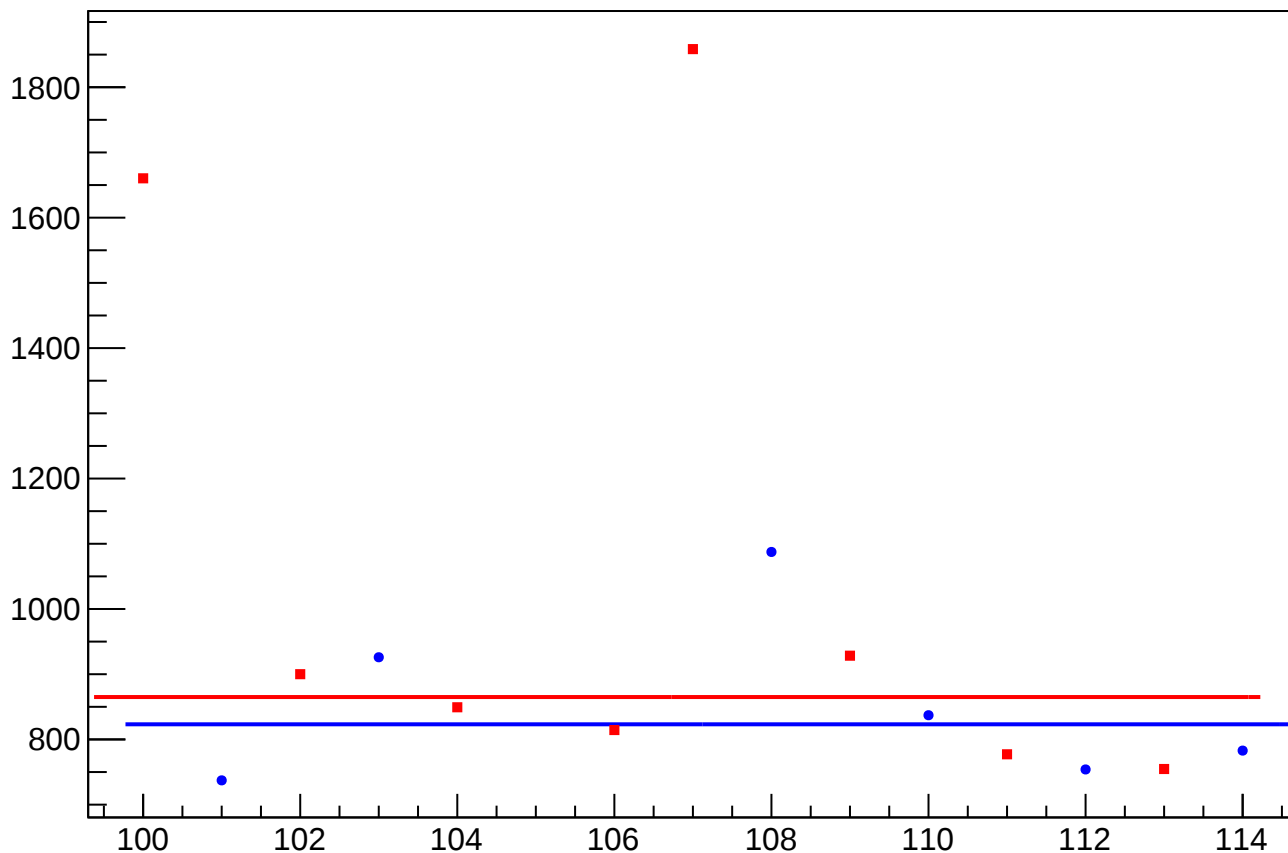
Right: 1286.075 $\pm$ 362.008 χ^2 /NDF: 17.8/13

In: 1554.898 $\pm$ 528.091 χ^2 /NDF: 4.4/5

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

All: 1286.075 $\pm$ 362.008 χ^2 /NDF: 17.8/13

asym_left_avg_rms vs Slug, Sign Corrected



Right In: 823.194+/-0.373 χ^2/NDF : 83419.5/5

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

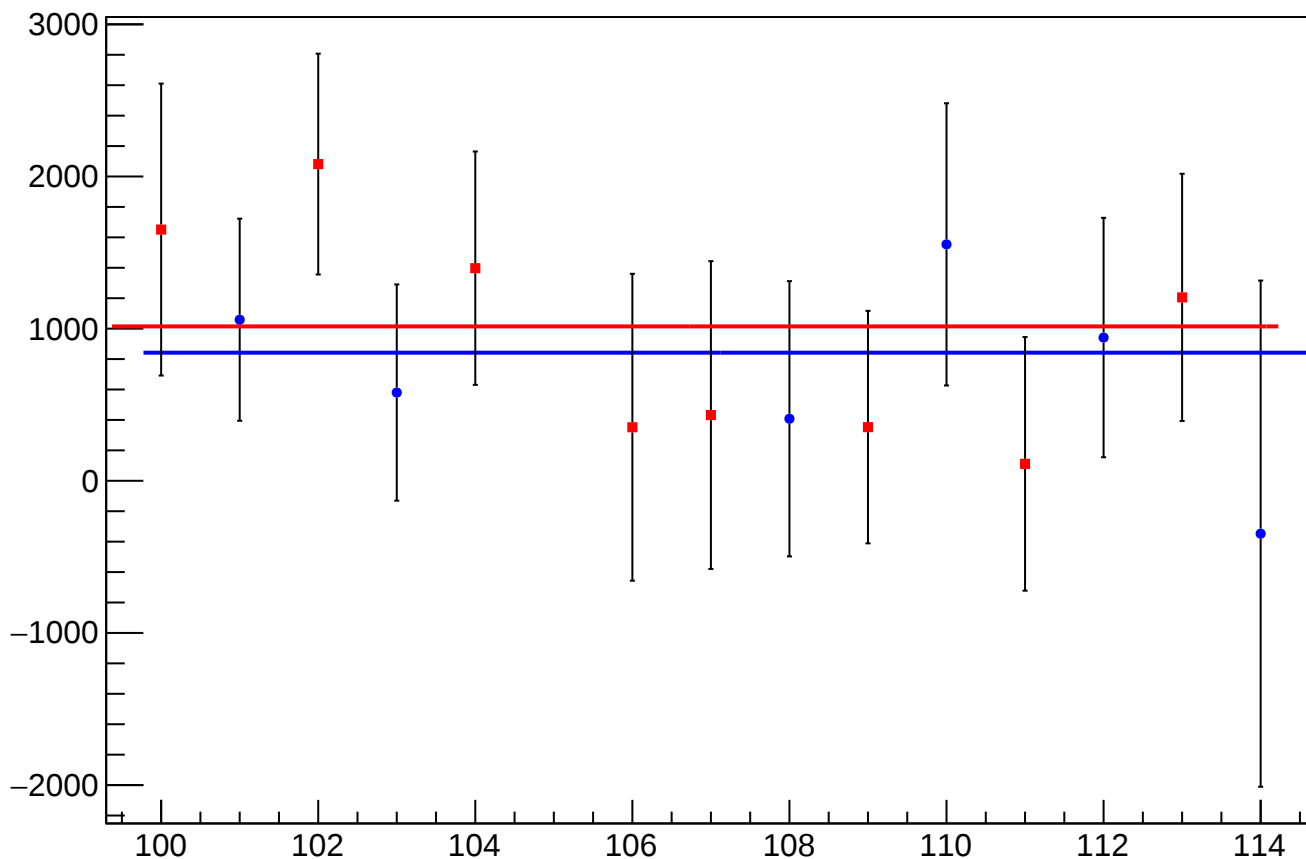
Right: 845.354+/-0.256 χ^2/NDF : 364932.2/13

In: 823.194+/-0.373 χ^2/NDF : 83419.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 845.354+/-0.256 χ^2/NDF : 364932.2/13

reg_asym_left_dd_mean vs Slug, Sign Corrected



Right In: 841.988+/-340.836 χ^2/NDF : 1.6/5

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

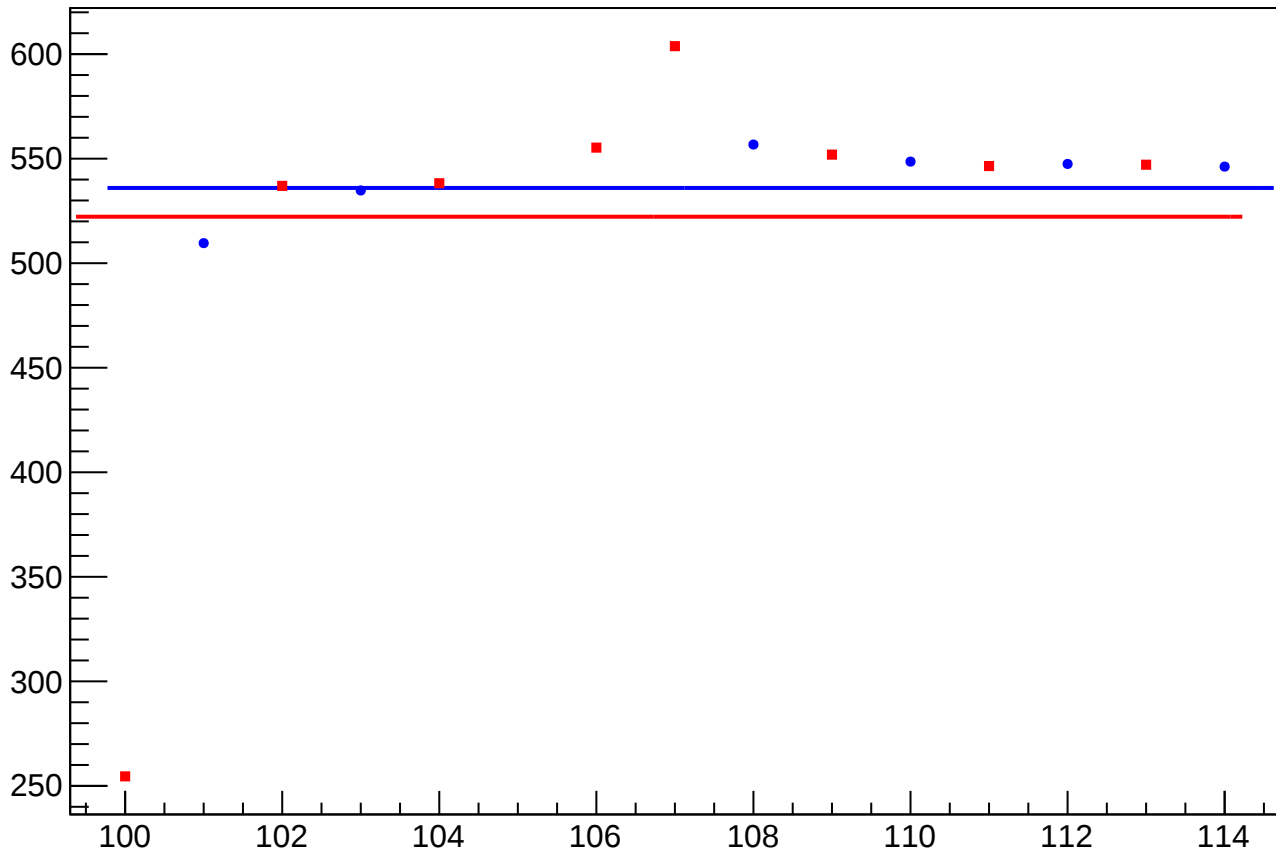
Right: 940.139+/-224.049 χ^2/NDF : 7.3/13

In: 841.988+/-340.836 χ^2/NDF : 1.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 940.139+/-224.049 χ^2/NDF : 7.3/13

reg_asym_left_dd_rms vs Slug, Sign Corrected



Right In: 535.994 $\pm$ 0.241 χ^2 /NDF: 5089.3/5

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

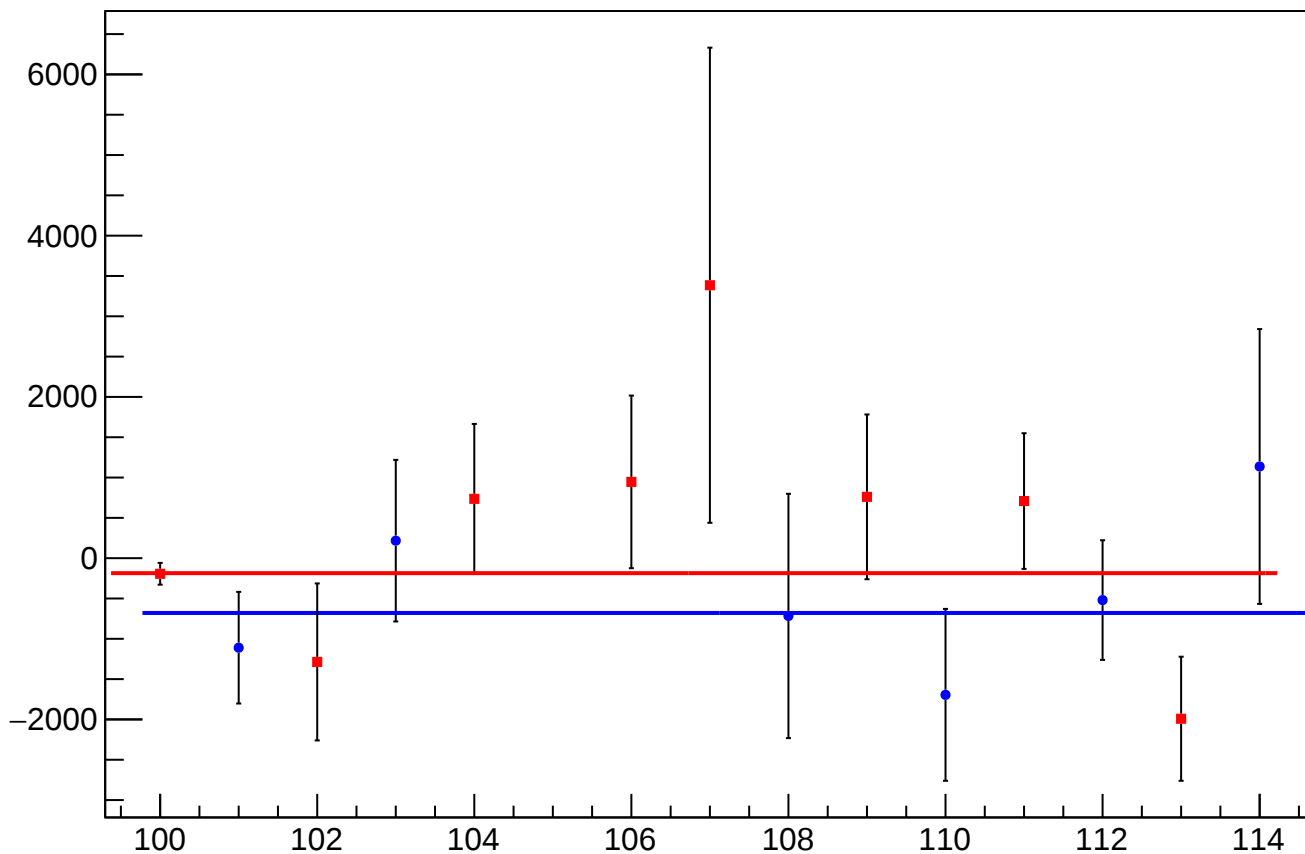
Right: 528.181 $\pm$ 0.158 χ^2 /NDF: 186070.6/13

In: 535.994 $\pm$ 0.241 χ^2 /NDF:5089.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 528.181 $\pm$ 0.158 χ^2 /NDF: 186070.6/13

asym_left_dd_correction_mean vs Slug, Sign Corrected



Right In: -679.456+/-390.469 χ^2/NDF : 3.3/5

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

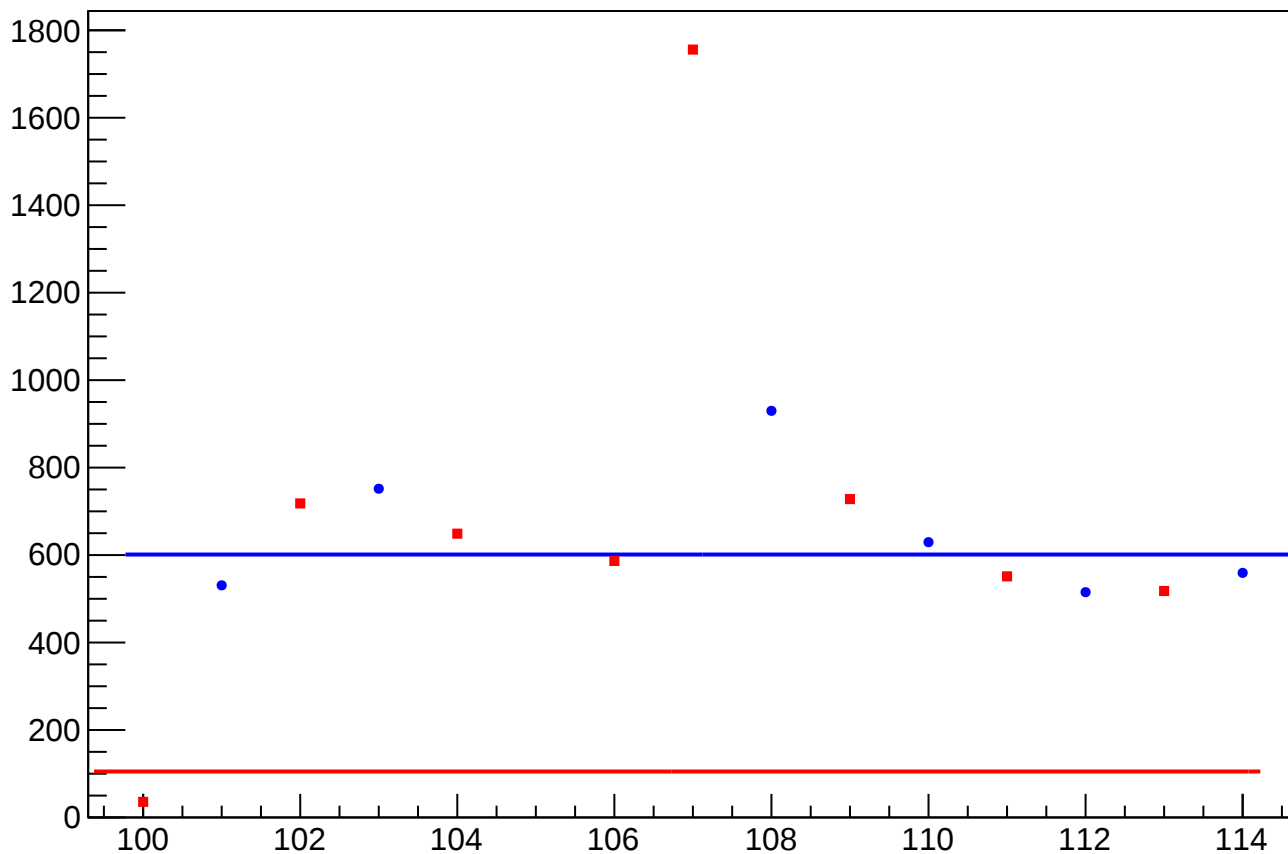
Right: -232.871+/-120.633 χ^2/NDF : 17.1/13

In: -679.456+/-390.469 χ^2/NDF : 3.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -232.871+/-120.633 χ^2/NDF : 17.1/13

asym_left_dd_correction_rms vs Slug, Sign Corrected



Right In: 601.231+/-0.276 χ^2/NDF : 189412.4/5

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

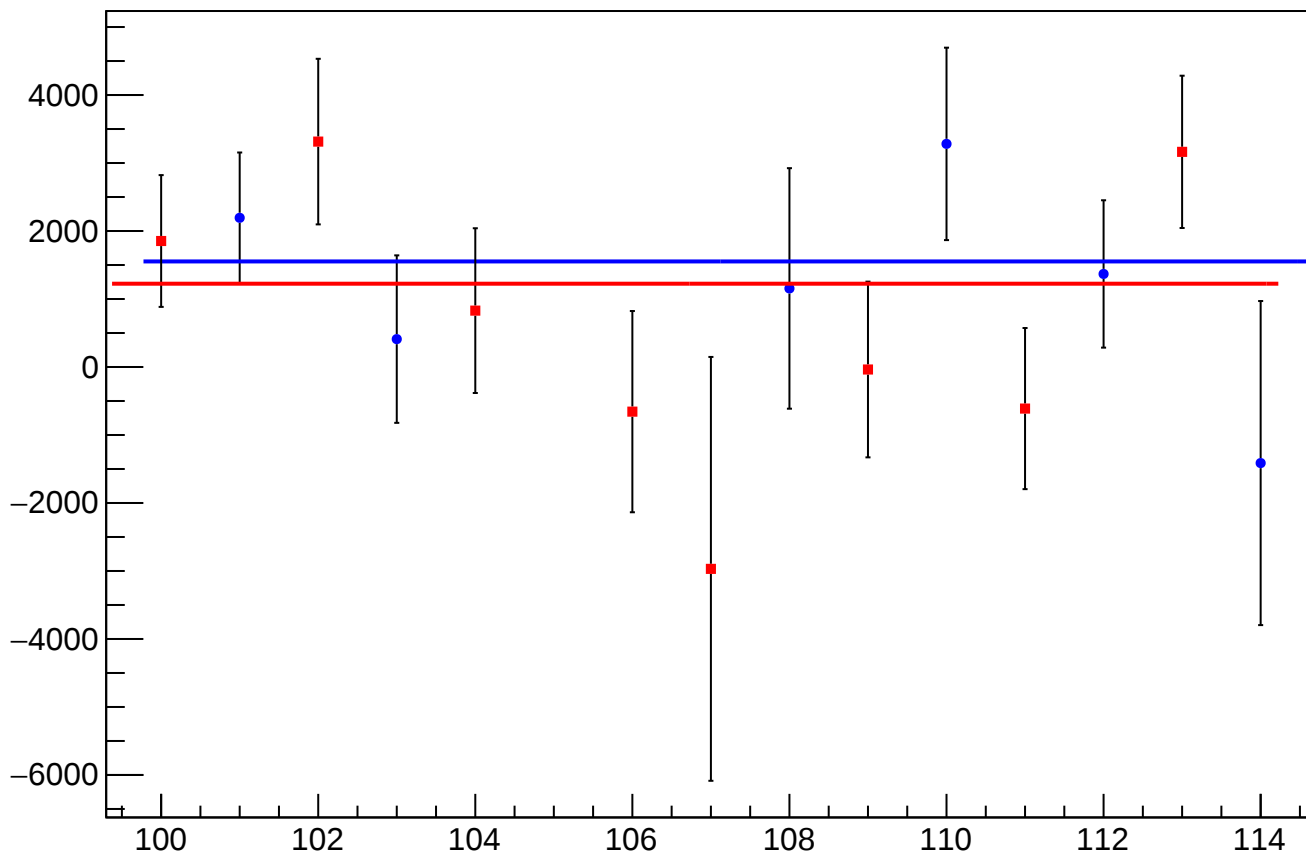
Right: 152.457+/-0.085 χ^2/NDF : 8030902.4/13

In: 601.231+/-0.276 χ^2/NDF : 189412.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.457+/-0.085 χ^2/NDF : 8030902.4/13

asym_left_dd_mean vs Slug, Sign Corrected



Right In: 1552.424+/-527.790 χ^2/NDF : 4.4/5

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

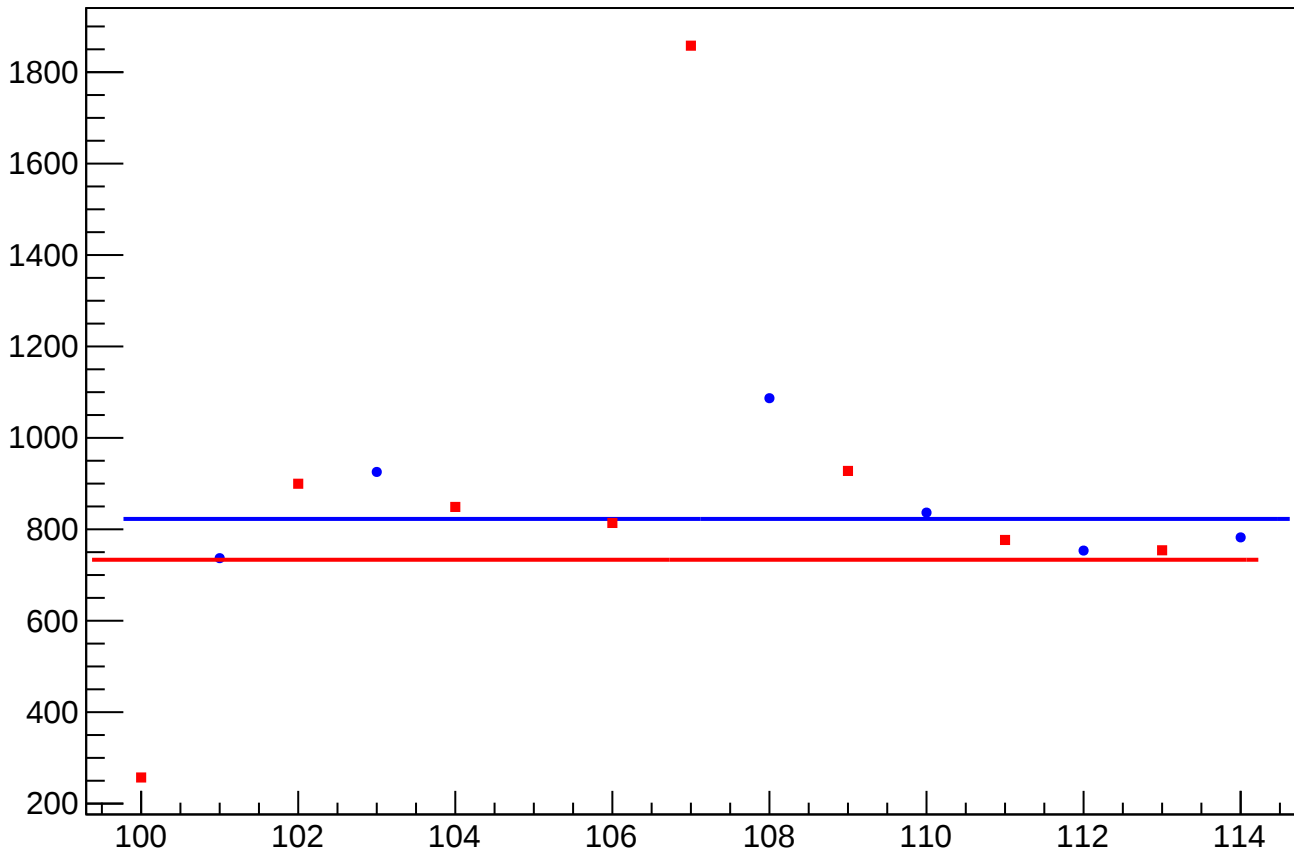
Right: 1360.394+/-339.448 χ^2/NDF : 17.9/13

In: 1552.424+/-527.790 χ^2/NDF : 4.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1360.394+/-339.448 χ^2/NDF : 17.9/13

asym_left_dd_rms vs Slug, Sign Corrected



Right In: 822.725+/-0.373 χ^2/NDF : 83423.0/5

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

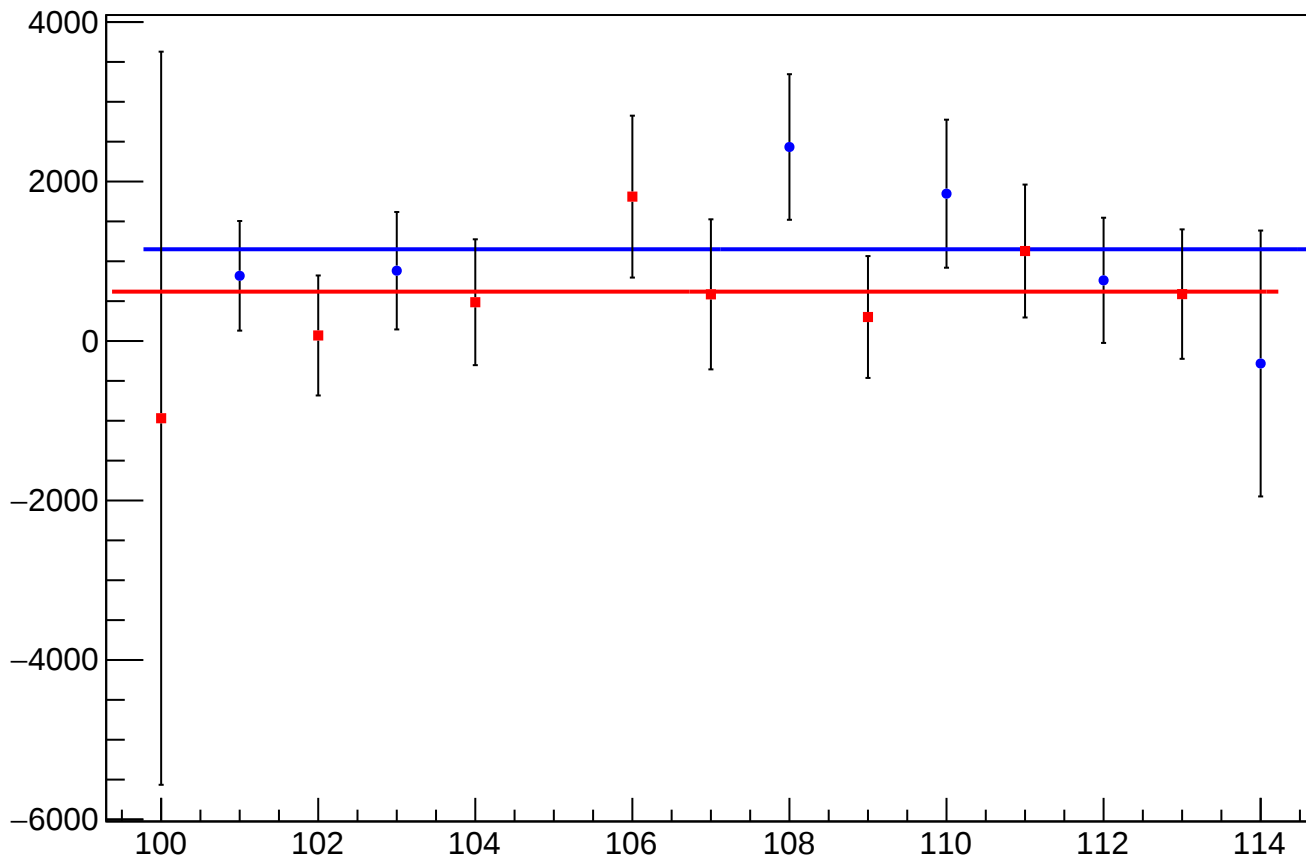
Right: 770.353+/-0.240 χ^2/NDF : 970439.4/13

In: 822.725+/-0.373 χ^2/NDF : 83423.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 770.353+/-0.240 χ^2/NDF : 970439.4/13

reg_asym_right_avg_mean vs Slug, Sign Corrected



Right In: 1150.629+/-347.038 χ^2/NDF : 3.9/5

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

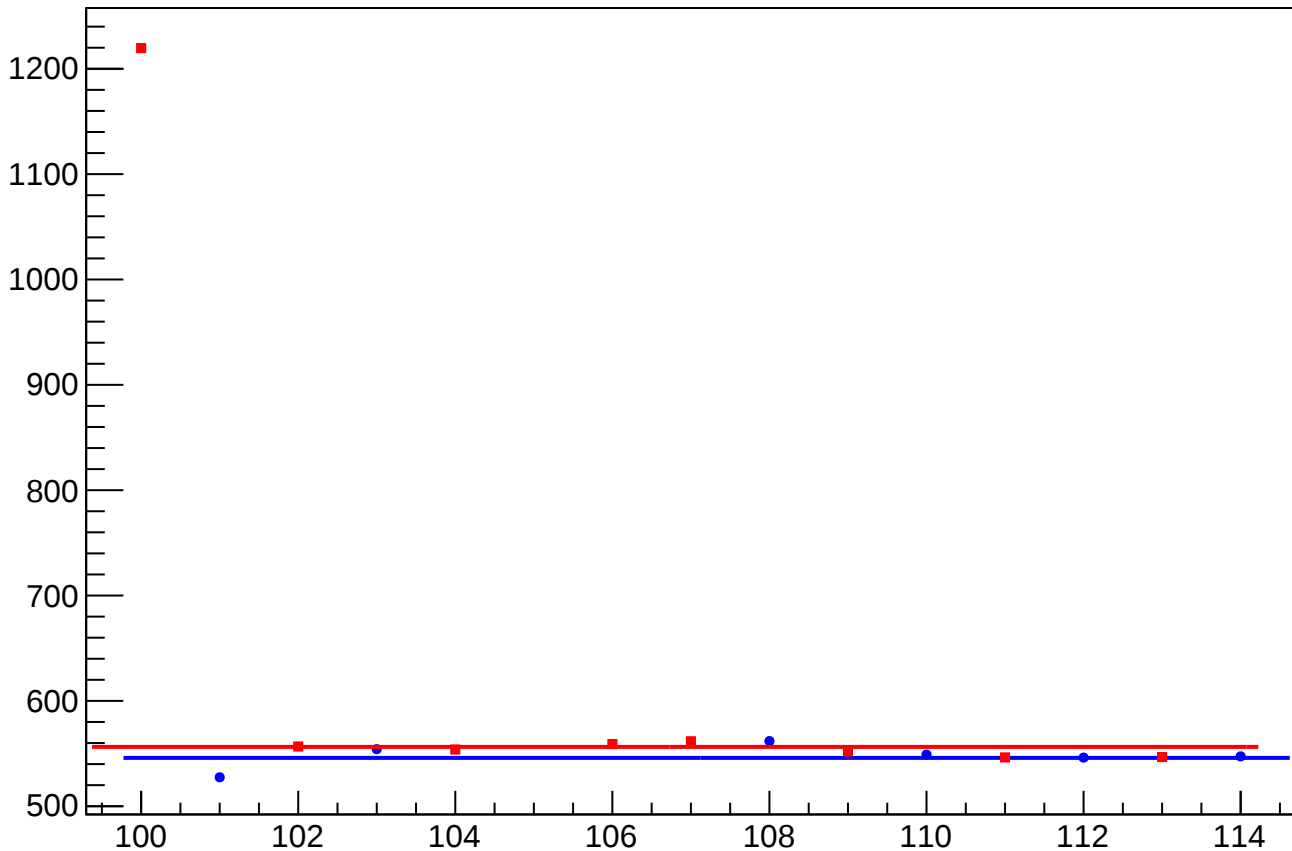
Right: 857.846+/-232.541 χ^2/NDF : 7.8/13

In: 1150.629+/-347.038 χ^2/NDF : 3.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 857.846+/-232.541 χ^2/NDF : 7.8/13

reg_asym_right_avg_rms vs Slug, Sign Corrected



Right In: 545.901+/-0.245 χ^2/NDF : 2323.5/5

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

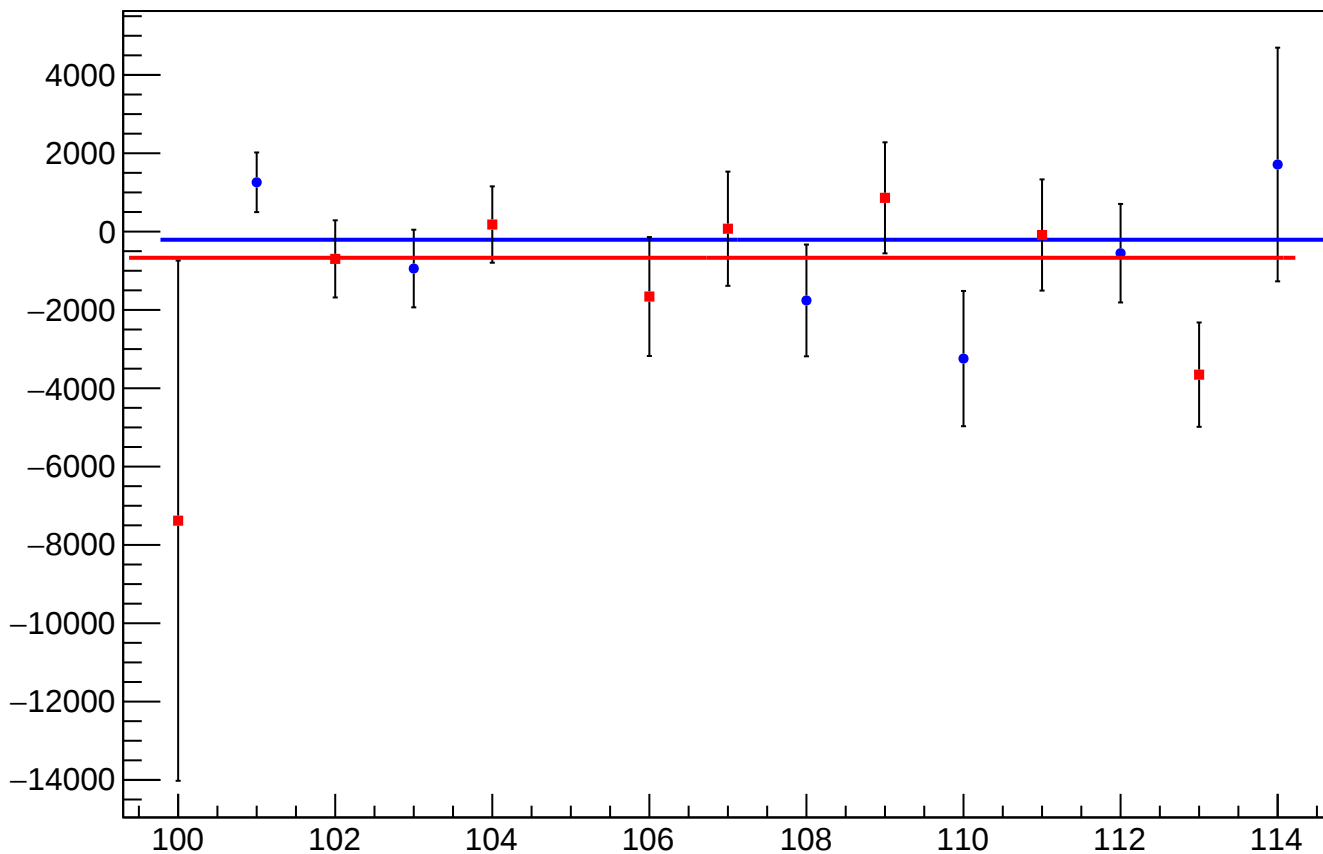
Right: 551.655+/-0.164 χ^2/NDF : 45698.3/13

In: 545.901+/-0.245 χ^2/NDF : 2323.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 551.655+/-0.164 χ^2/NDF : 45698.3/13

asym_right_avg_correction_mean vs Slug, Sign Corrected



Right In: -208.076+/-481.537 χ^2/NDF : 9.0/5

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

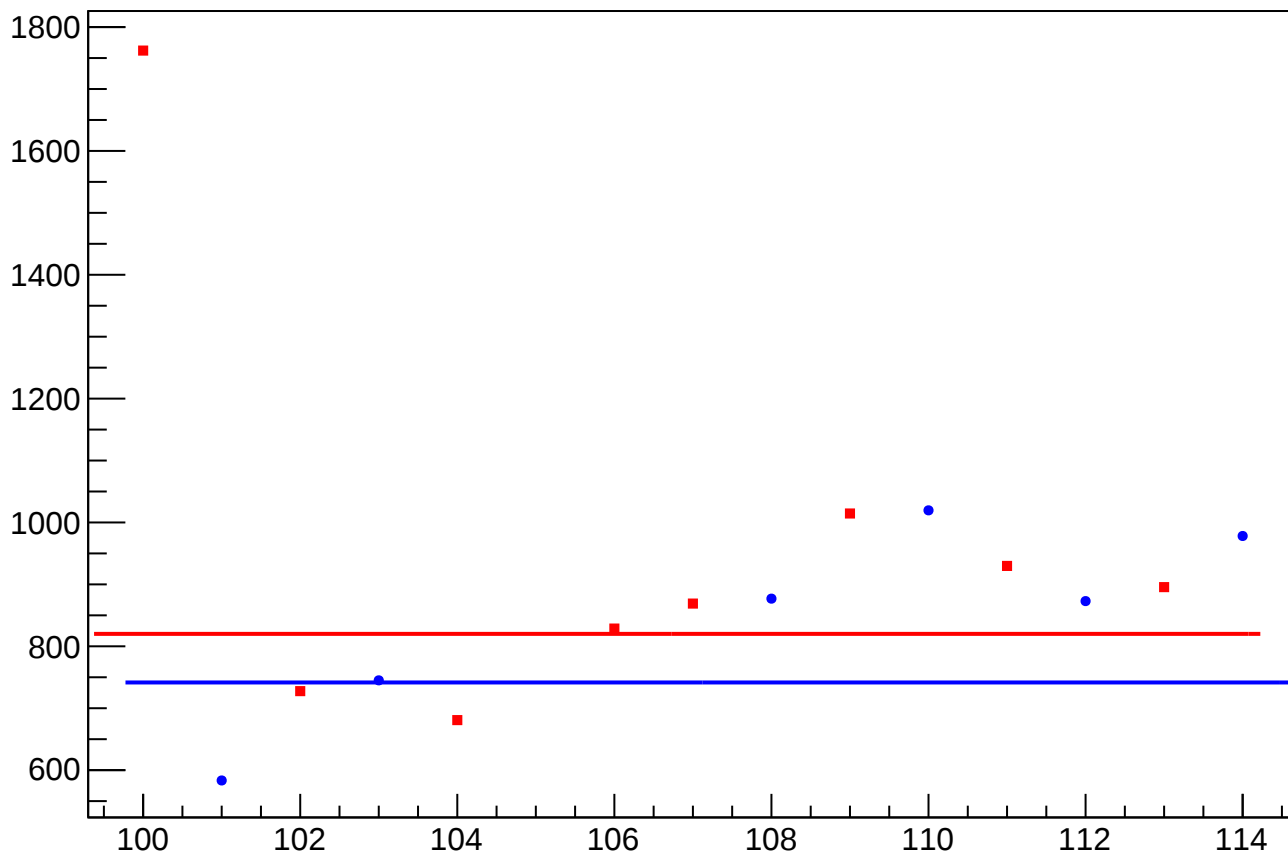
Right: -444.915+/-335.590 χ^2/NDF : 18.3/13

In: -208.076+/-481.537 χ^2/NDF : 9.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -444.915+/-335.590 χ^2/NDF : 18.3/13

asym_right_avg_correction_rms vs Slug, Sign Corrected



Right In: 741.601+/-0.340 χ^2/NDF : 190594.3/5

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

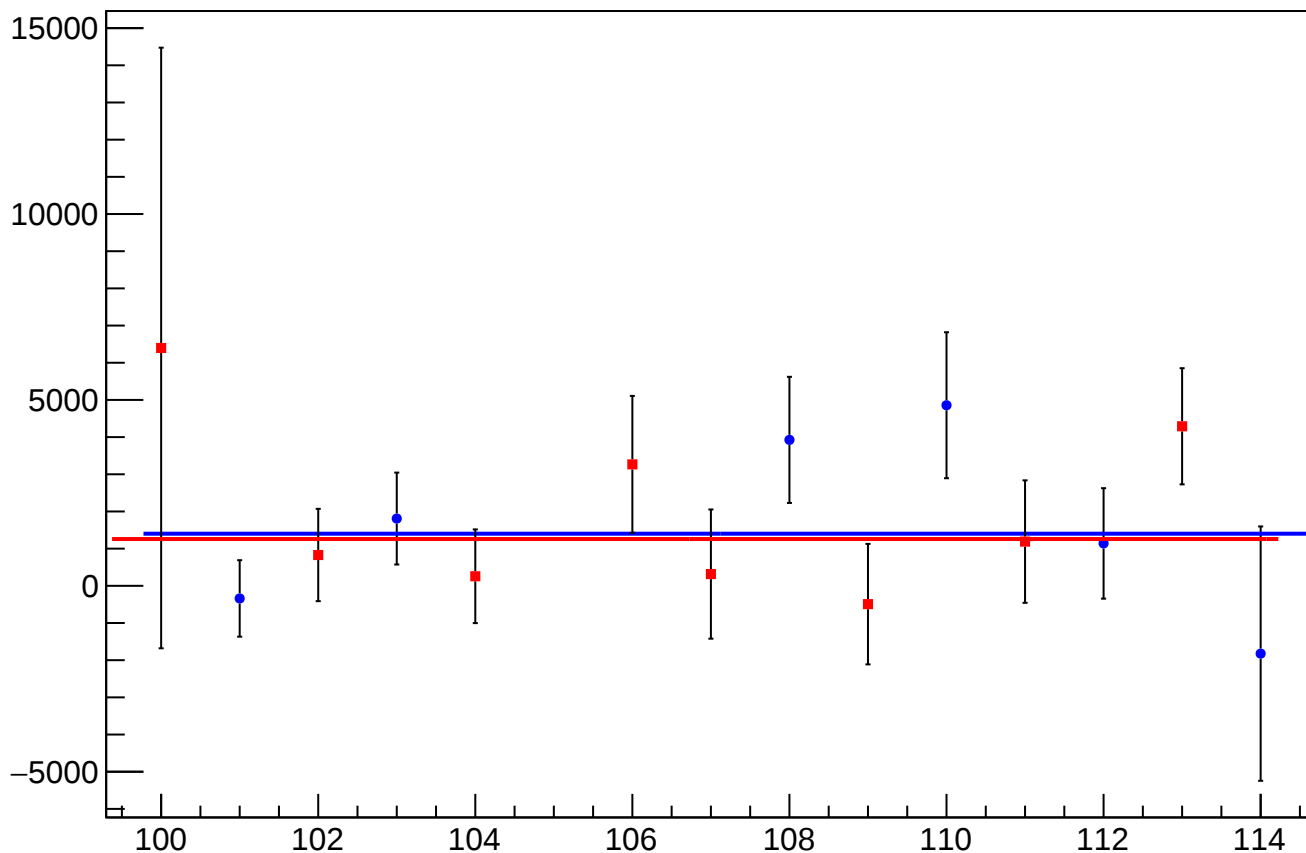
Right: 781.961+/-0.237 χ^2/NDF : 374868.4/13

In: 741.601+/-0.340 χ^2/NDF : 190594.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 781.961+/-0.237 χ^2/NDF : 374868.4/13

asym_right_avg_mean vs Slug, Sign Corrected



Right In: 1401.970+/-603.497 χ^2/NDF : 9.2/5

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

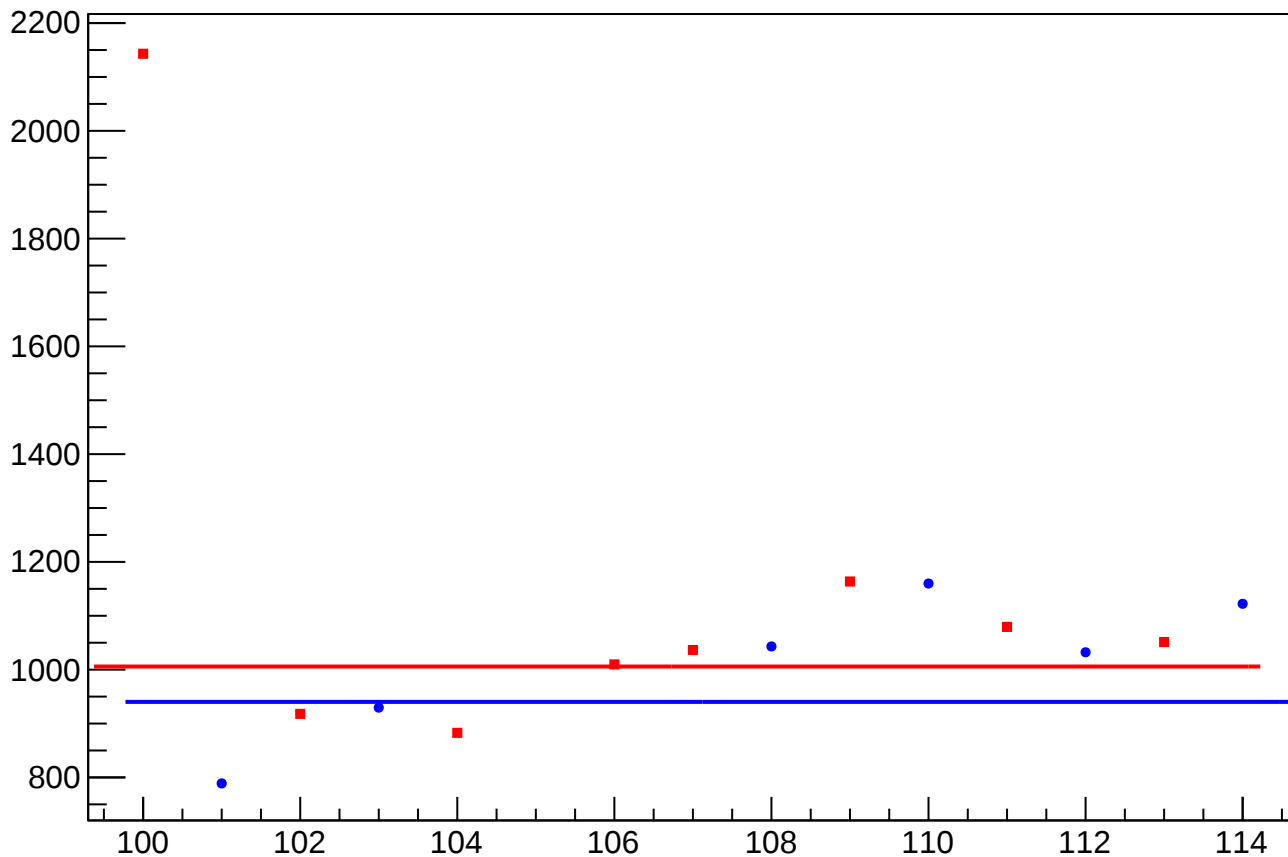
Right: 1326.052+/-414.351 χ^2/NDF : 16.8/13

In: 1401.970+/-603.497 χ^2/NDF : 9.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1326.052+/-414.351 χ^2/NDF : 16.8/13

asym_right_avg_rms vs Slug, Sign Corrected



Right In: 940.214+/-0.427 χ^2/NDF : 89178.2/5

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

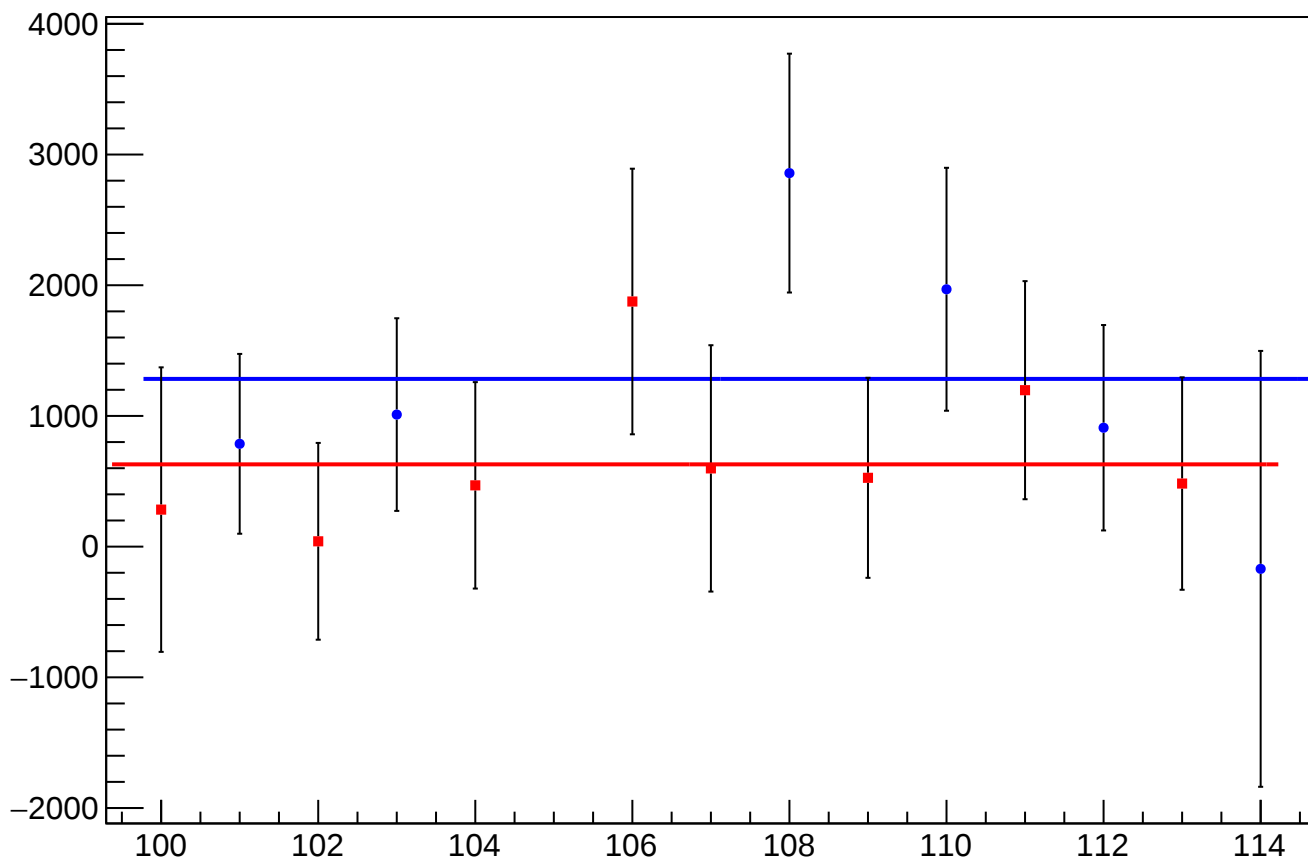
Right: 974.902+/-0.293 χ^2/NDF : 195718.4/13

In: 940.214+/-0.427 χ^2/NDF : 89178.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 974.902+/-0.293 χ^2/NDF : 195718.4/13

reg_asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1283.316+/-347.348 χ^2/NDF : 5.2/5

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

Right Out: 629.515+/-302.008 χ^2/NDF : 2.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

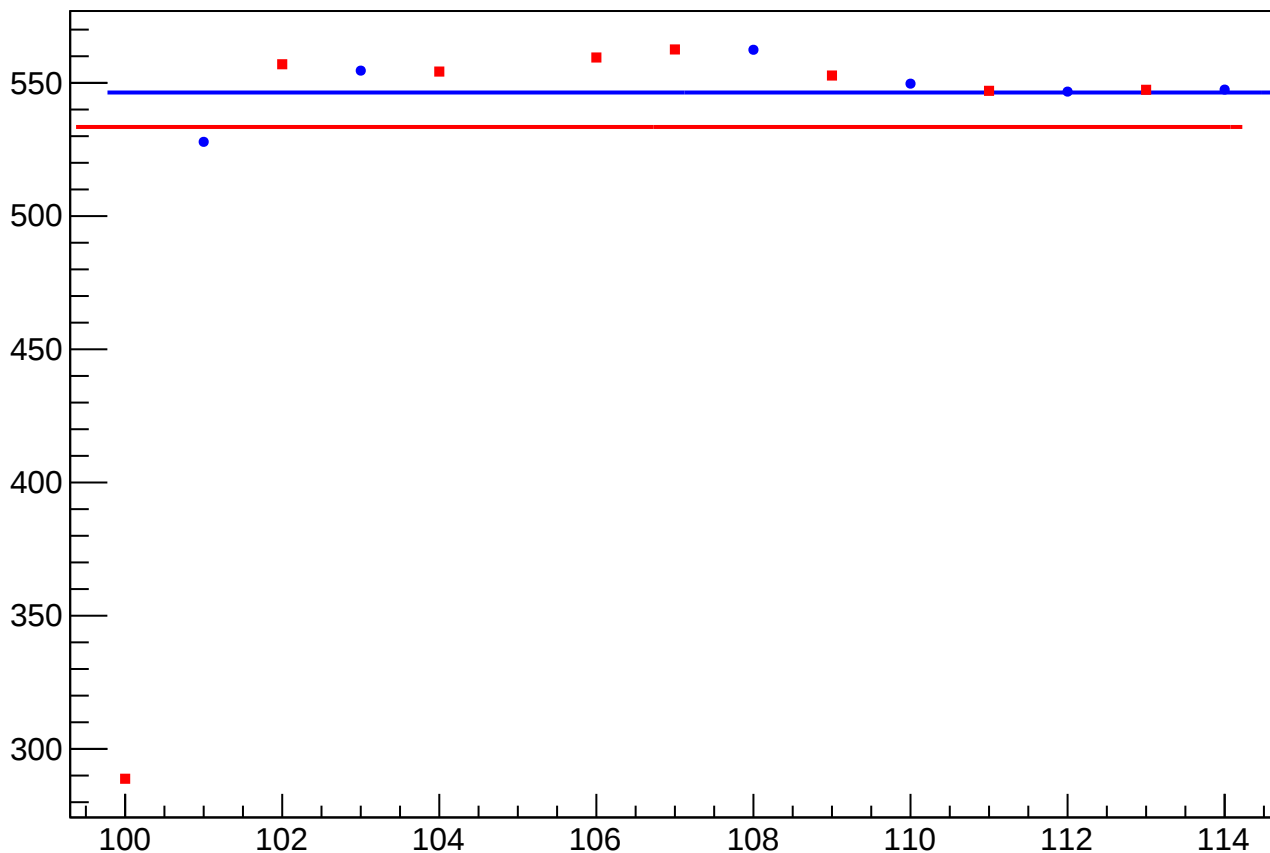
Right: 910.986+/-227.908 χ^2/NDF : 9.9/13

In: 1283.316+/-347.348 χ^2/NDF : 5.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 910.986+/-227.908 χ^2/NDF : 9.9/13

reg_asym_right_dd_rms vs Slug, Sign Corrected



Right In: 546.389 $\pm$ 0.246 χ^2 /NDF: 2340.8/5

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

Right Out: 533.454 $\pm$ 0.214 χ^2 /NDF: 109990.0/7

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

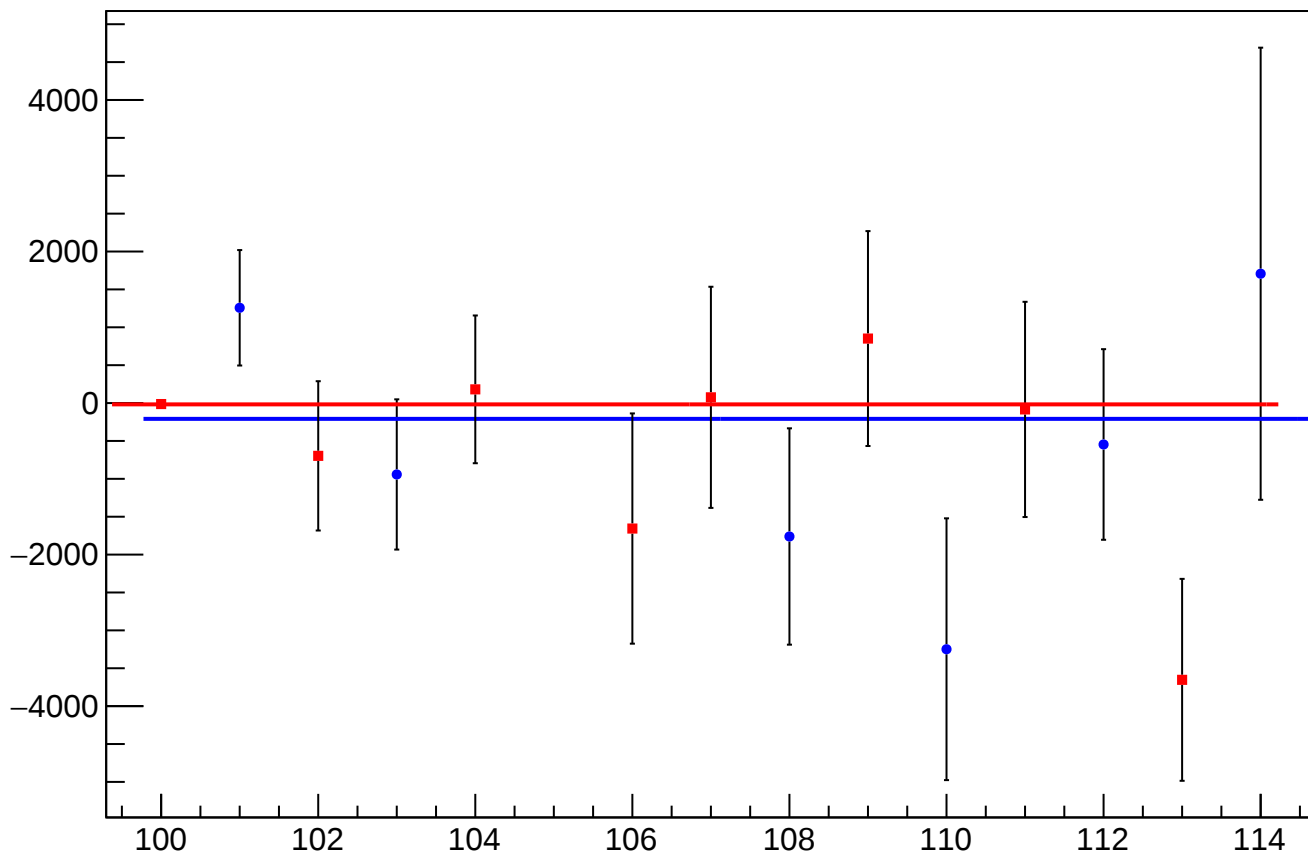
Right: 539.023 $\pm$ 0.161 χ^2 /NDF: 113910.3/13

In: 546.389 $\pm$ 0.246 χ^2 /NDF: 2340.8/5

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

All: 539.023 $\pm$ 0.161 χ^2 /NDF: 113910.3/13

asym_right_dd_correction_mean vs Slug, Sign Corrected



Right In: -208.486+/-481.671 χ^2/NDF : 9.0/5

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

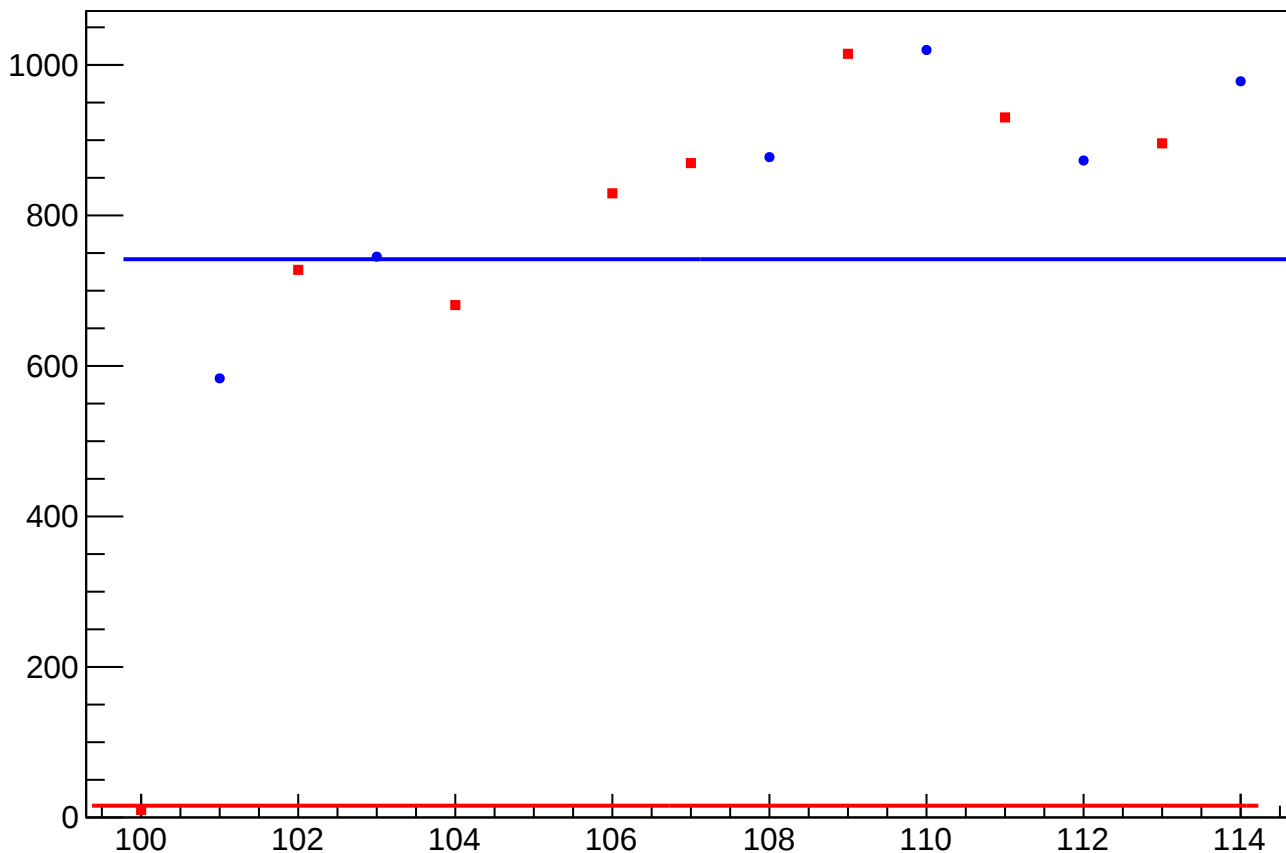
Right: -18.570+/-38.959 χ^2/NDF : 18.7/13

In: -208.486+/-481.671 χ^2/NDF : 9.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.570+/-38.959 χ^2/NDF : 18.7/13

asym_right_dd_correction_rms vs Slug, Sign Corrected



Right In: 741.809+/-0.341 χ^2/NDF : 190571.2/5

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

Right Out: 15.633+/-0.028 χ^2/NDF : 5969895.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

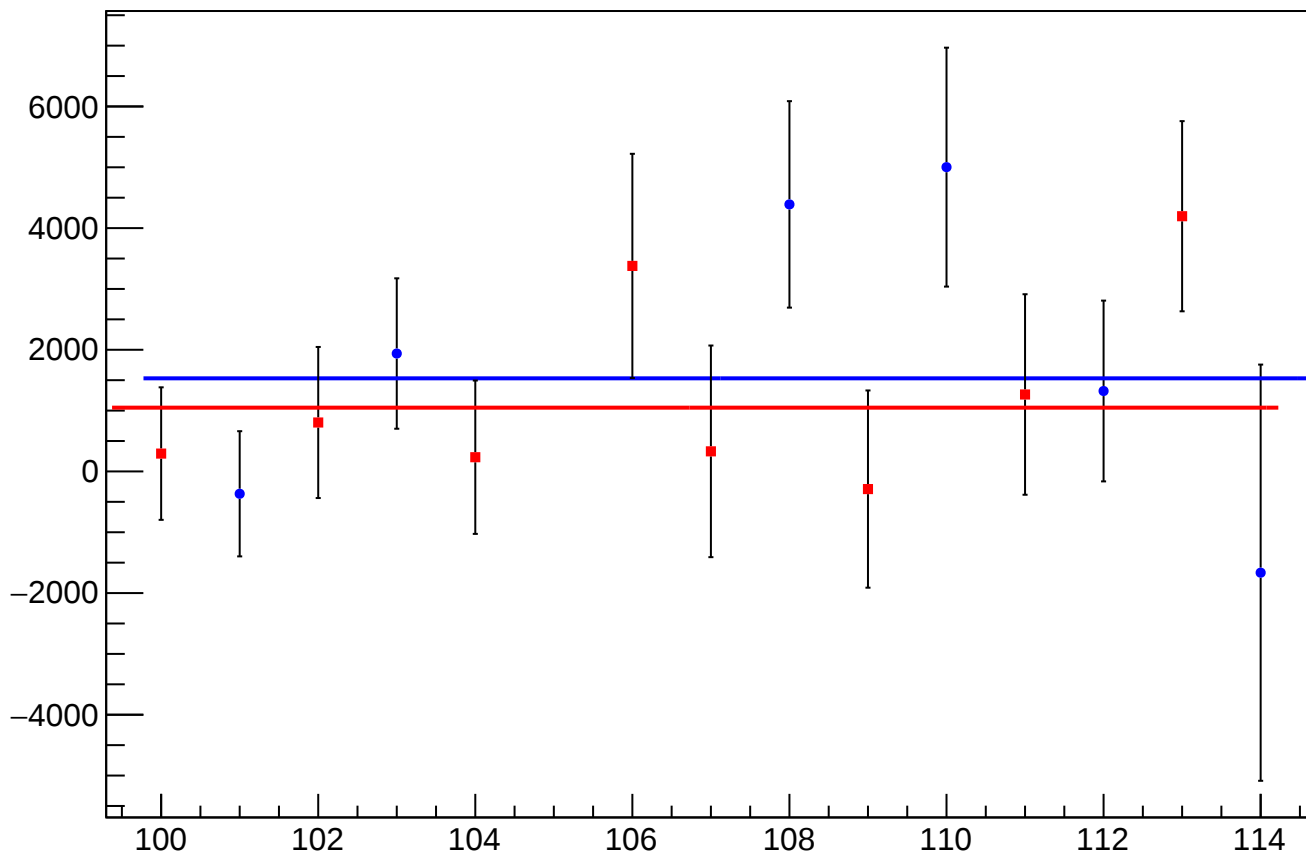
Right: 20.383+/-0.028 χ^2/NDF : 10676559.5/13

In: 741.809+/-0.341 χ^2/NDF : 190571.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.383+/-0.028 χ^2/NDF : 10676559.5/13

asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1530.428 $\pm$ 603.782 χ^2 /NDF: 10.4/5

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

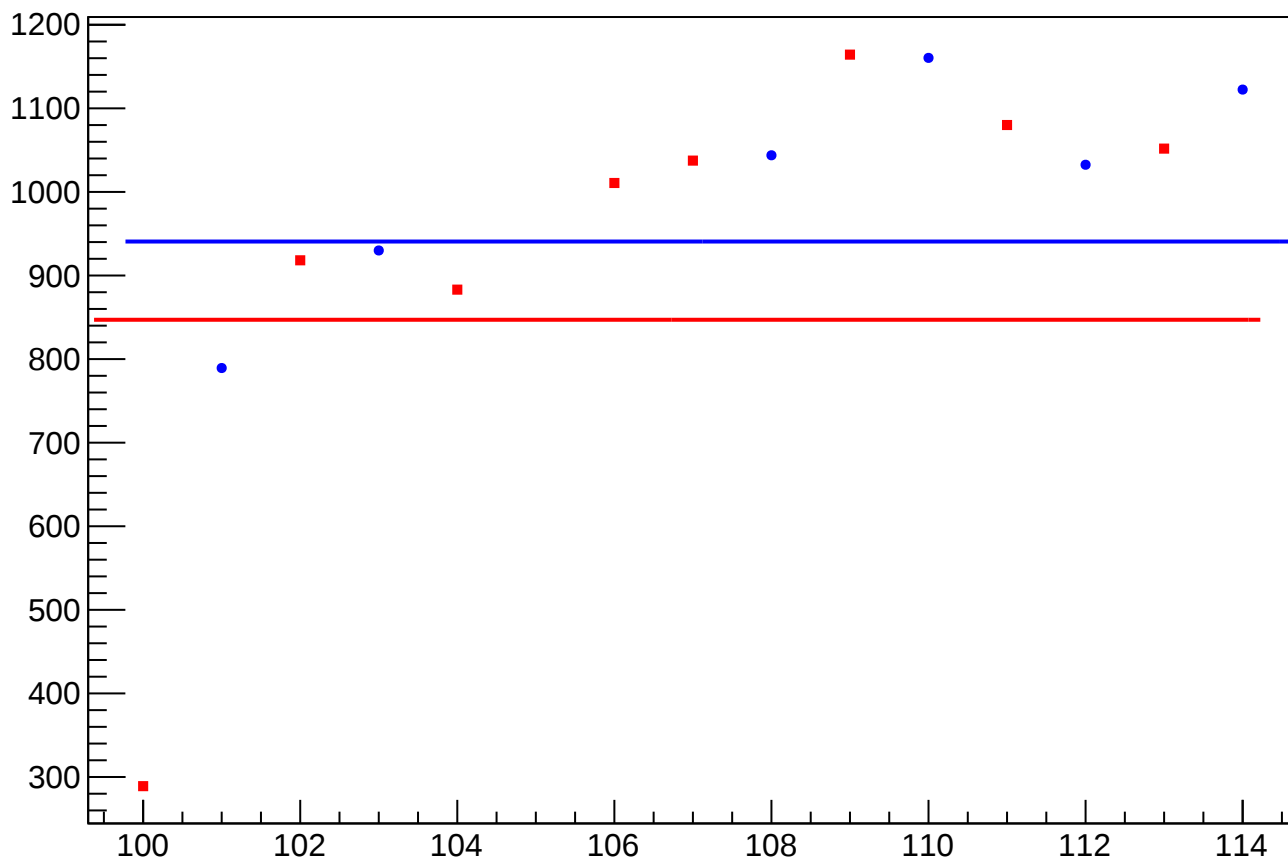
Right: 1247.303 $\pm$ 387.905 χ^2 /NDF: 18.2/13

In: 1530.428 $\pm$ 603.782 χ^2 /NDF: 10.4/5

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

All: 1247.303 $\pm$ 387.905 χ^2 /NDF: 18.2/13

asym_right_dd_rms vs Slug, Sign Corrected



Right In: 940.664 $\pm$ 0.427 χ^2 /NDF: 89121.5/5

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

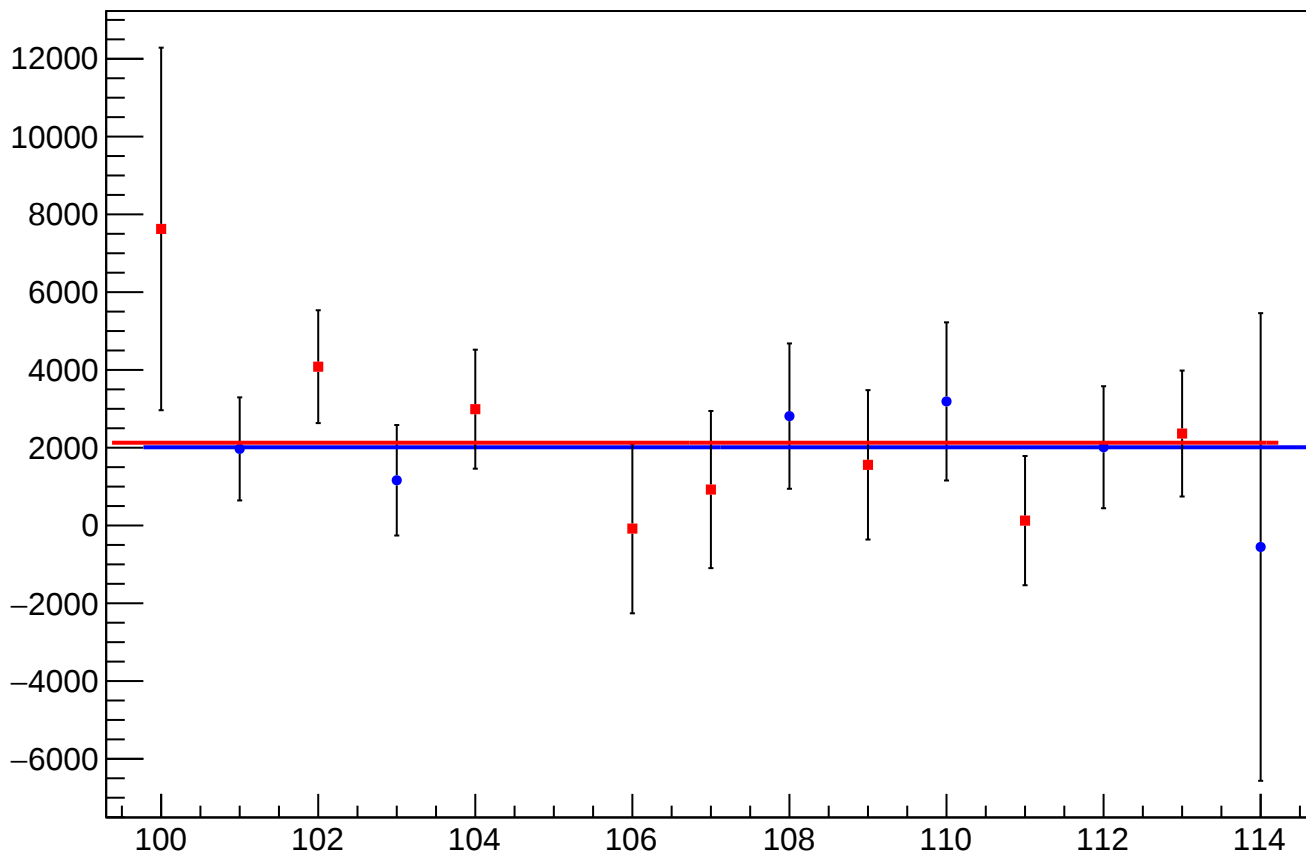
Right: 885.690 $\pm$ 0.274 χ^2 /NDF: 840862.5/13

In: 940.664 $\pm$ 0.427 χ^2 /NDF:89121.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 885.690 $\pm$ 0.274 χ^2 /NDF: 840862.5/13

cor_usl_mean vs Slug, Sign Corrected



Right In: 2011.223+/-702.338 χ^2/NDF : 1.1/5

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

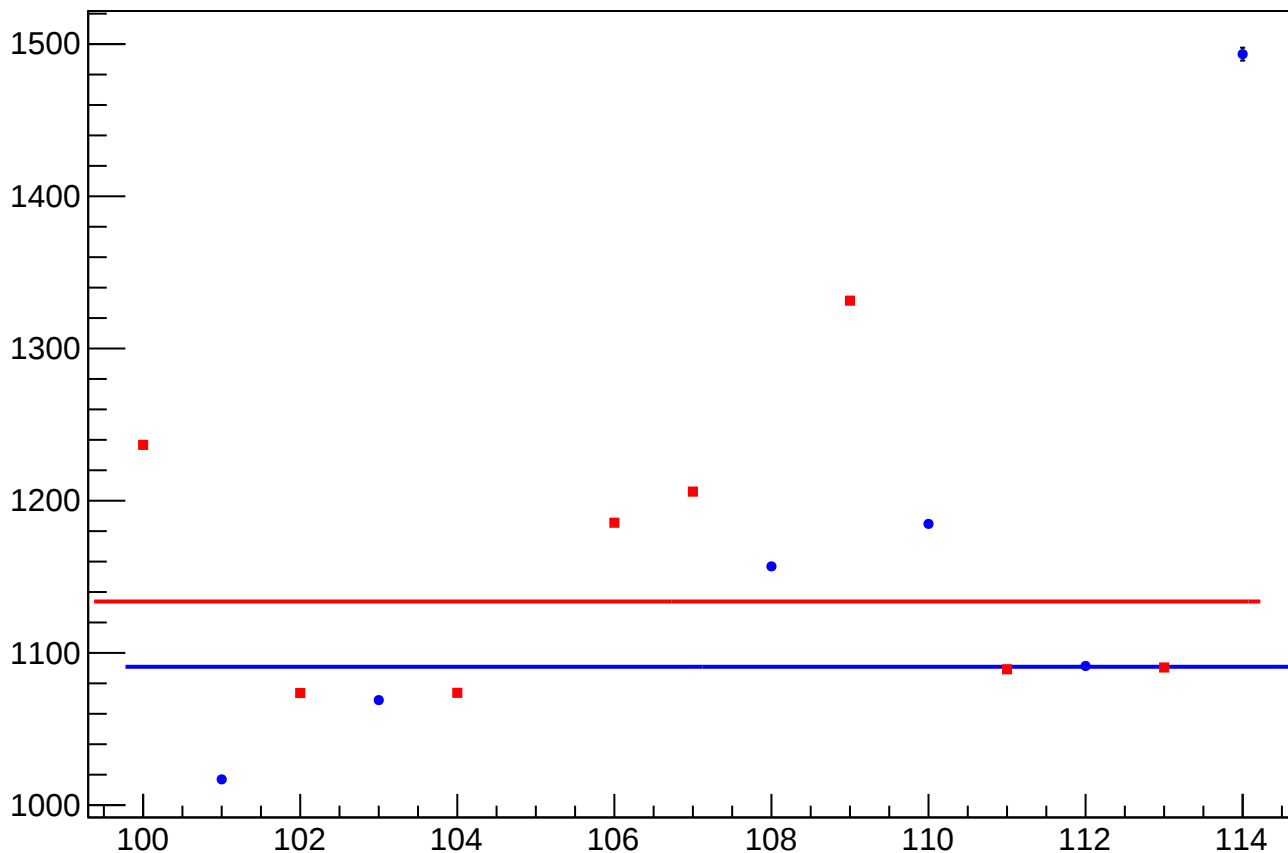
Right: 2074.927+/-474.278 χ^2/NDF : 7.5/13

In: 2011.223+/-702.338 χ^2/NDF : 1.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2074.927+/-474.278 χ^2/NDF : 7.5/13

cor_usl_rms vs Slug, Sign Corrected



Right In: 1090.887 $\pm$ 0.497 χ^2 /NDF: 22429.8/5

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

Right Out: 1133.788 $\pm$ 0.455 χ^2 /NDF: 35213.5/7

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

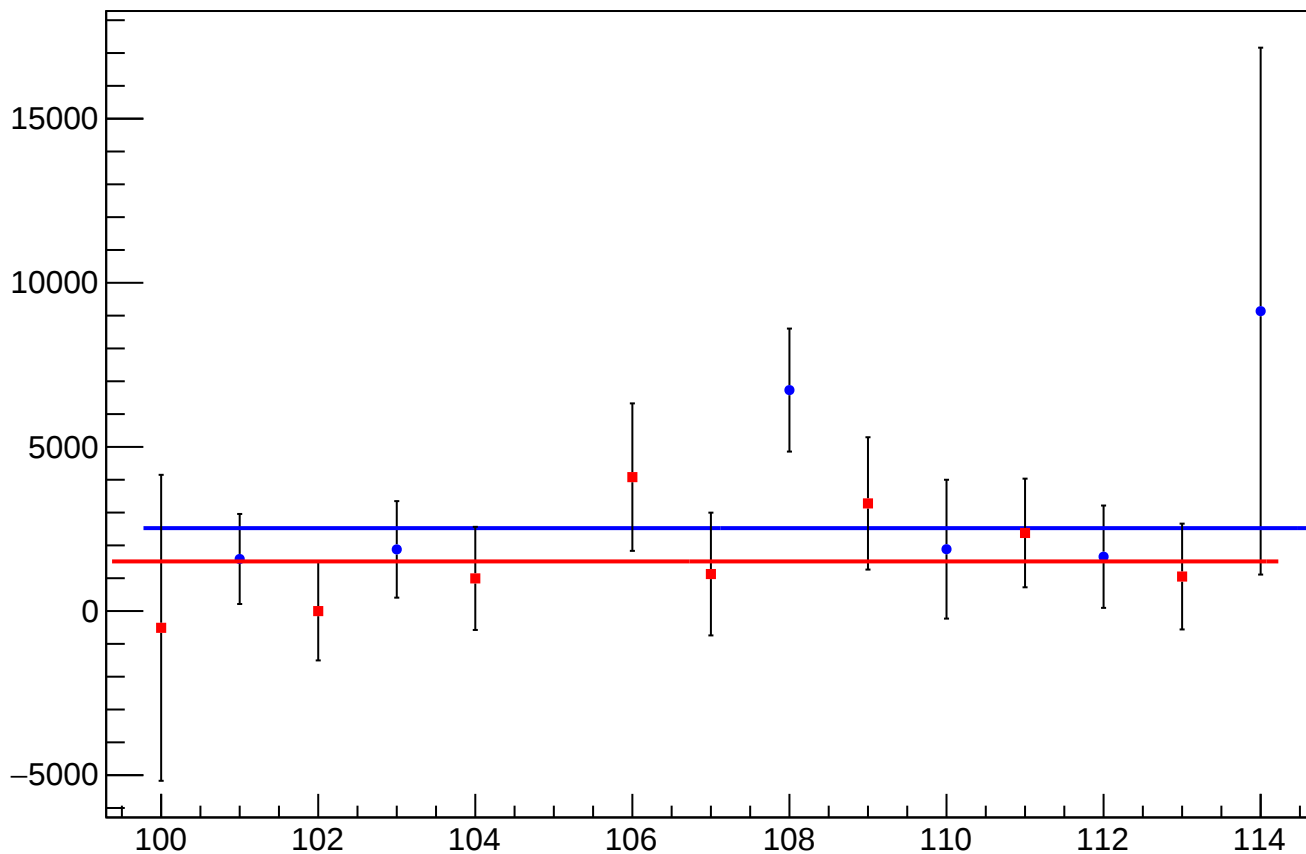
Right: 1114.225 $\pm$ 0.335 χ^2 /NDF: 61702.6/13

In: 1090.887 $\pm$ 0.497 χ^2 /NDF: 22429.8/5

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

All: 1114.225 $\pm$ 0.335 χ^2 /NDF: 61702.6/13

cor_usr_mean vs Slug, Sign Corrected



Right In: 2525.797 $\pm$ 719.937 χ^2 /NDF: 6.8/5

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

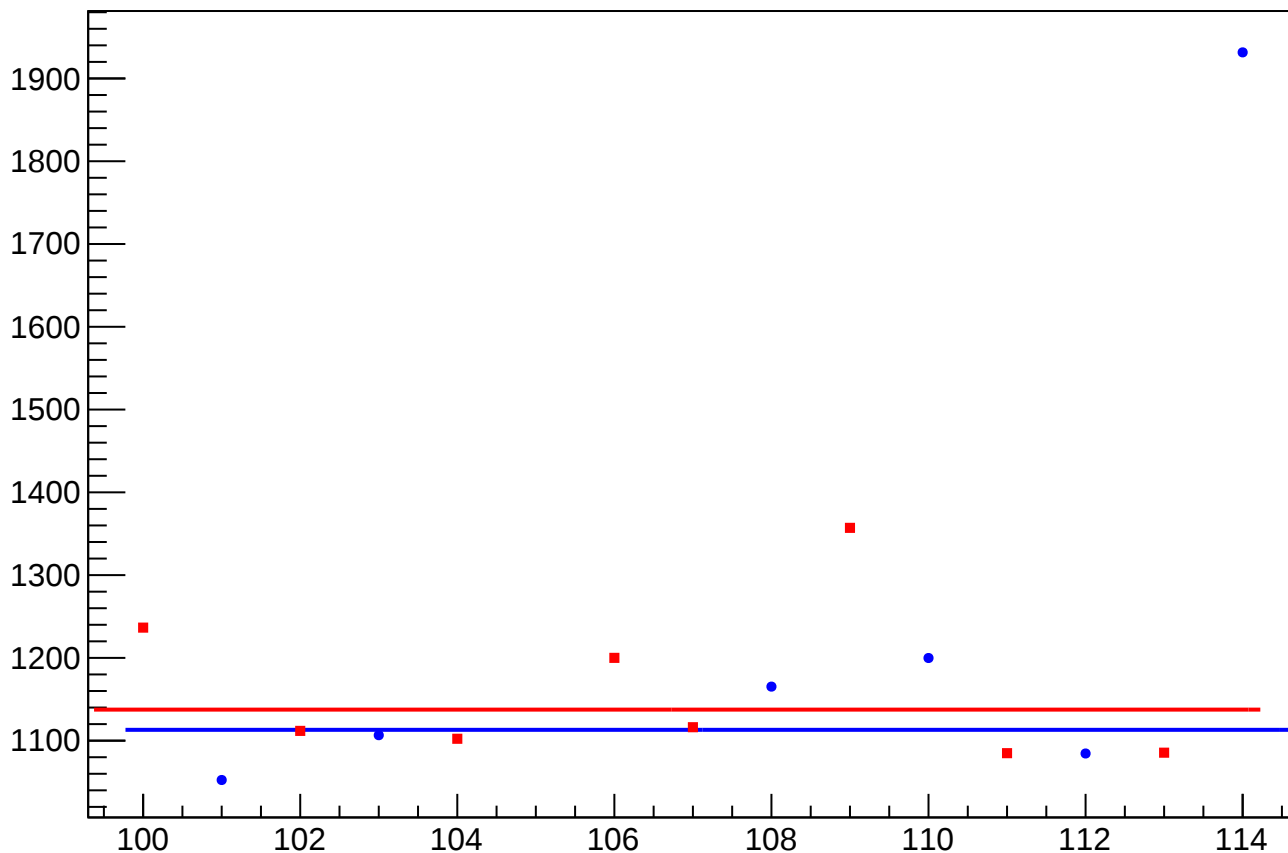
Right: 1966.322 $\pm$ 482.026 χ^2 /NDF: 11.7/13

In: 2525.797 $\pm$ 719.937 χ^2 /NDF:6.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1966.322 $\pm$ 482.026 χ^2 /NDF: 11.7/13

cor_usr_rms vs Slug, Sign Corrected



Right In: 1113.093+/-0.509 χ^2/NDF : 30329.8/5

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

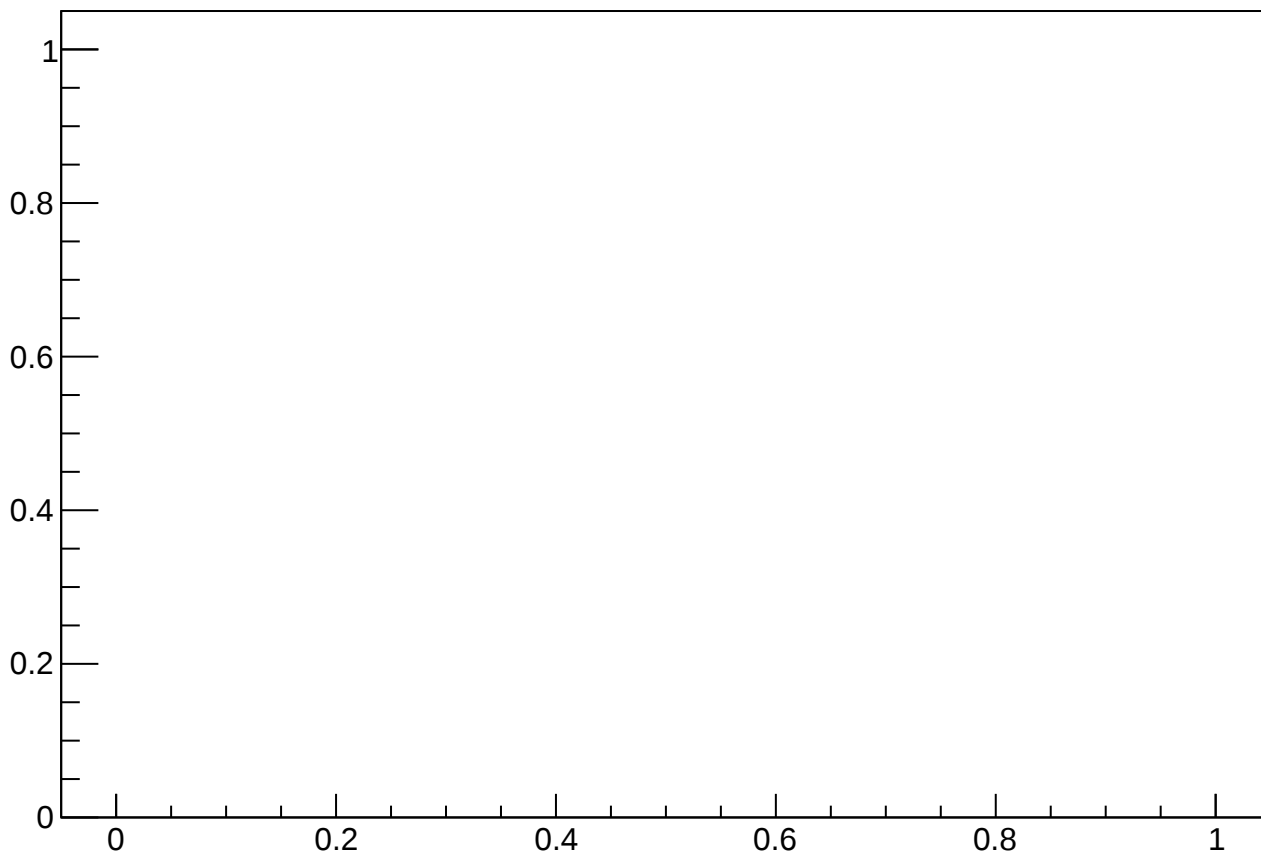
Right: 1126.565+/-0.341 χ^2/NDF : 63733.5/13

In: 1113.093+/-0.509 χ^2/NDF : 30329.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1126.565+/-0.341 χ^2/NDF : 63733.5/13

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

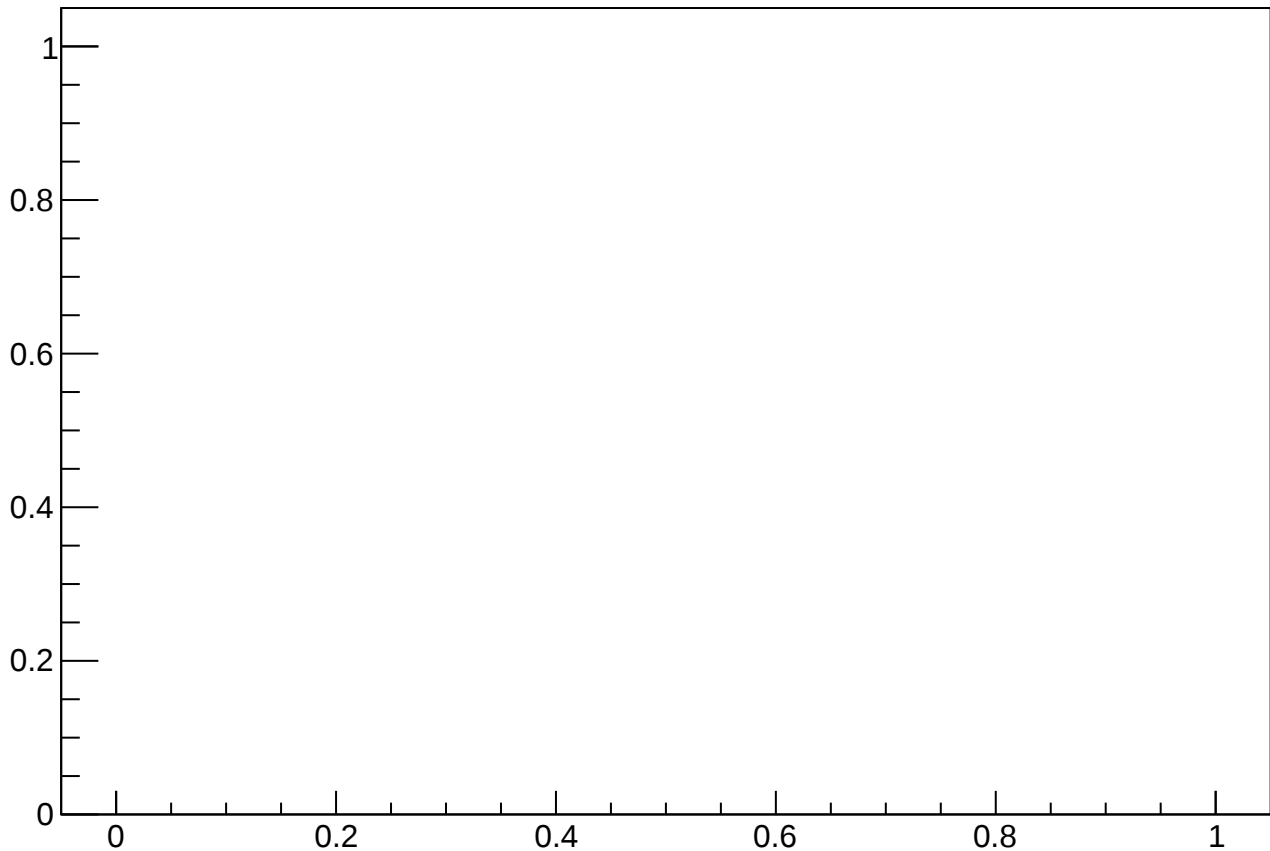
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

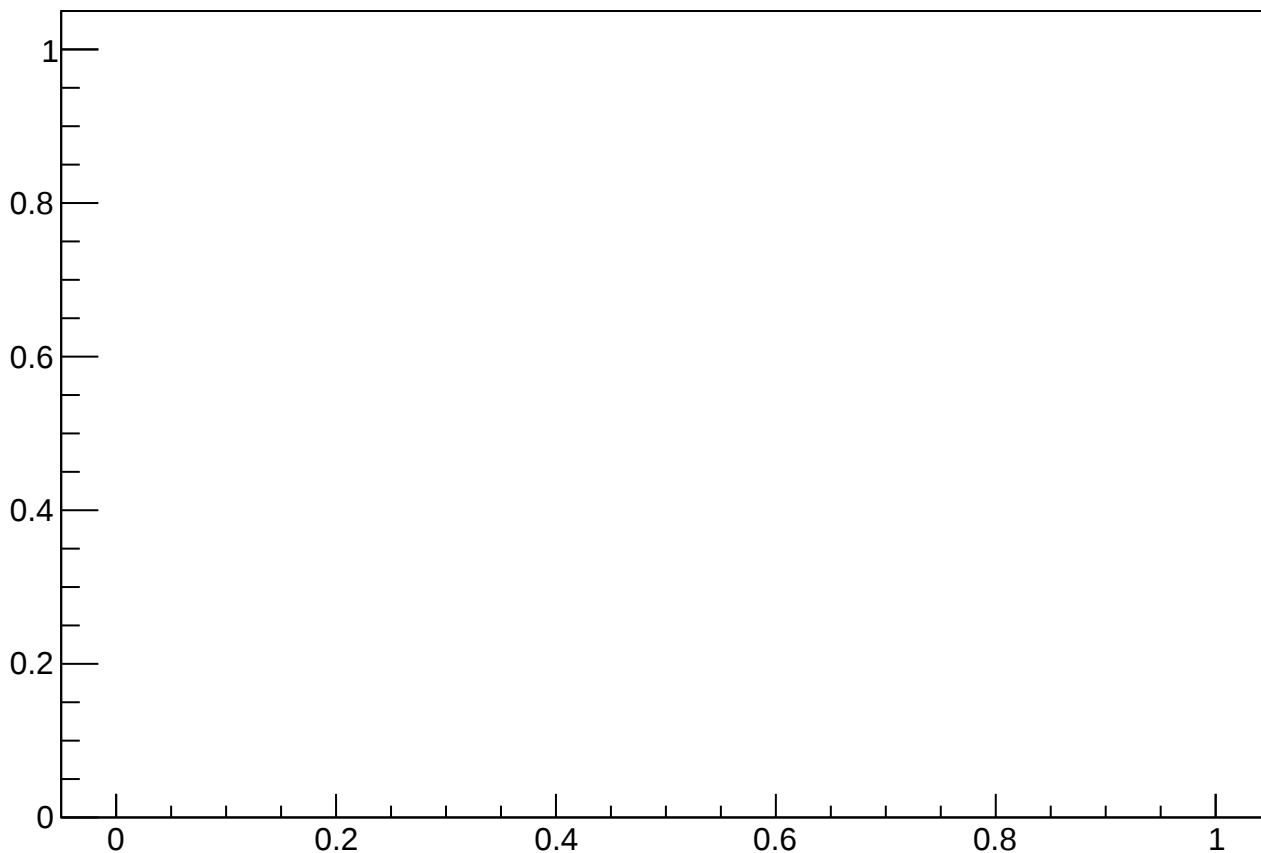
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

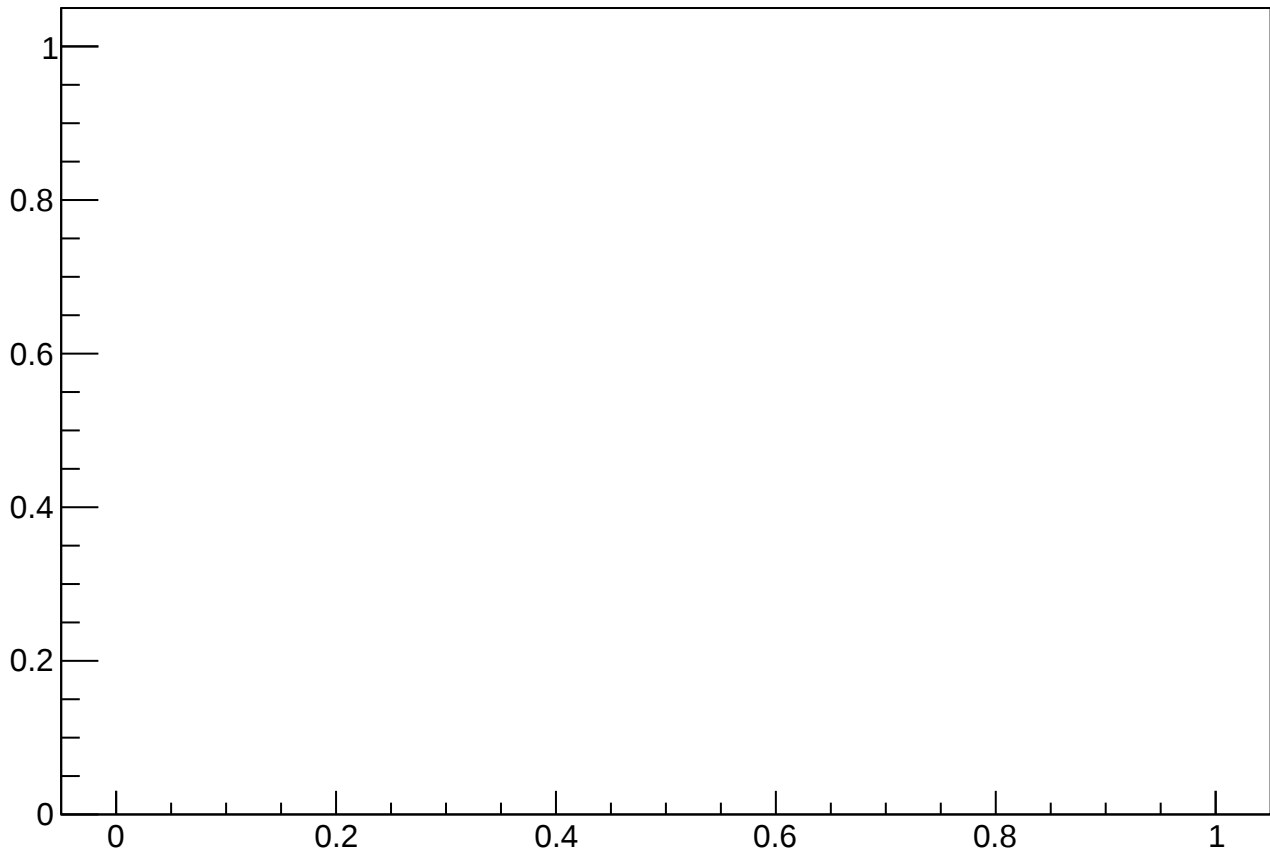
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

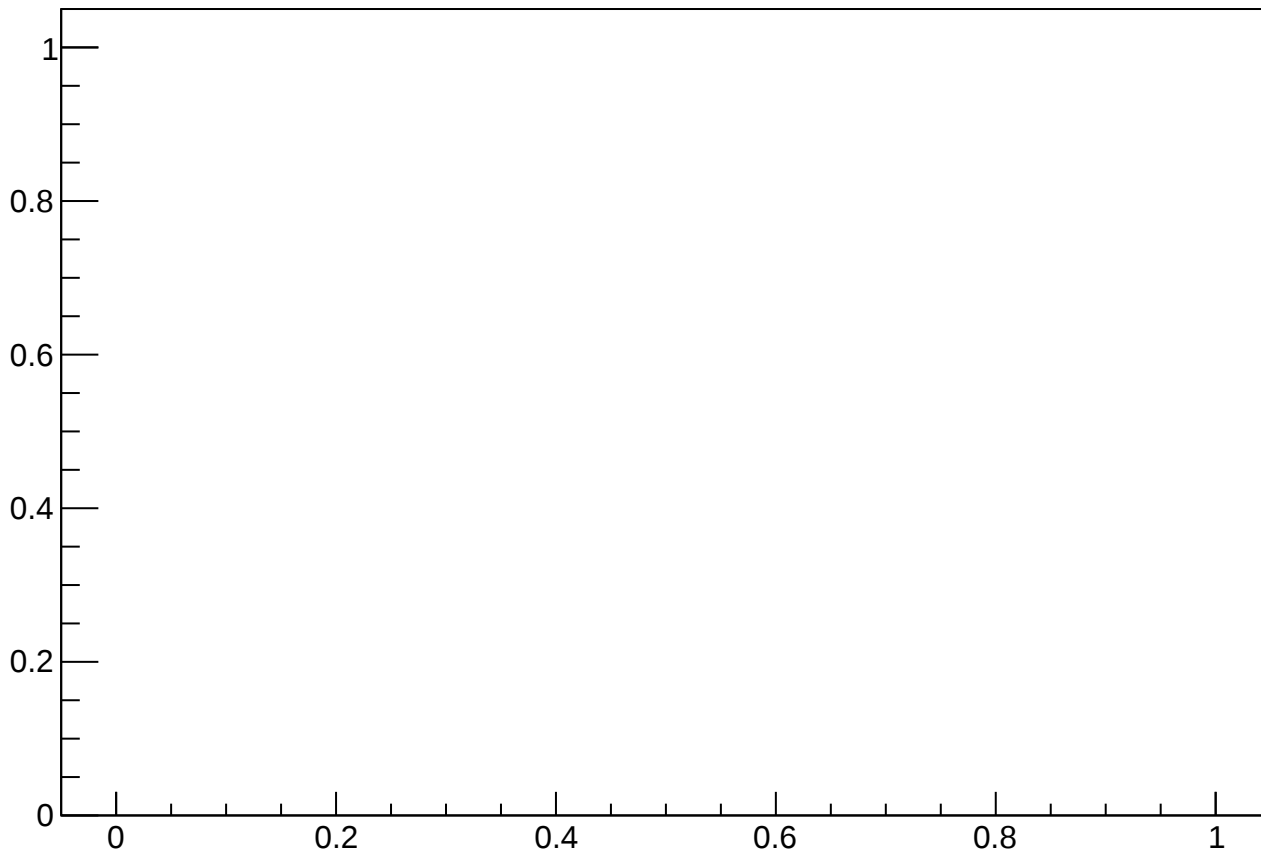
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

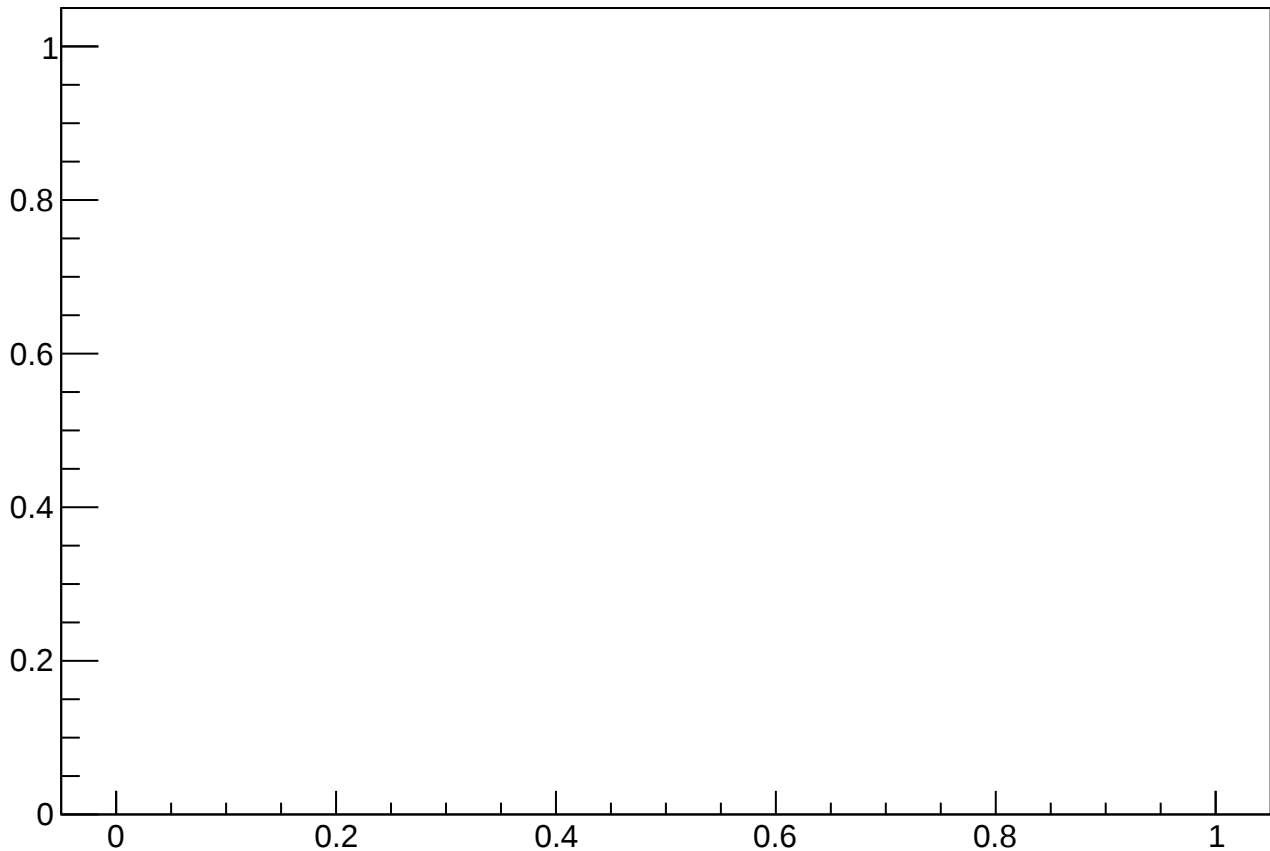
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

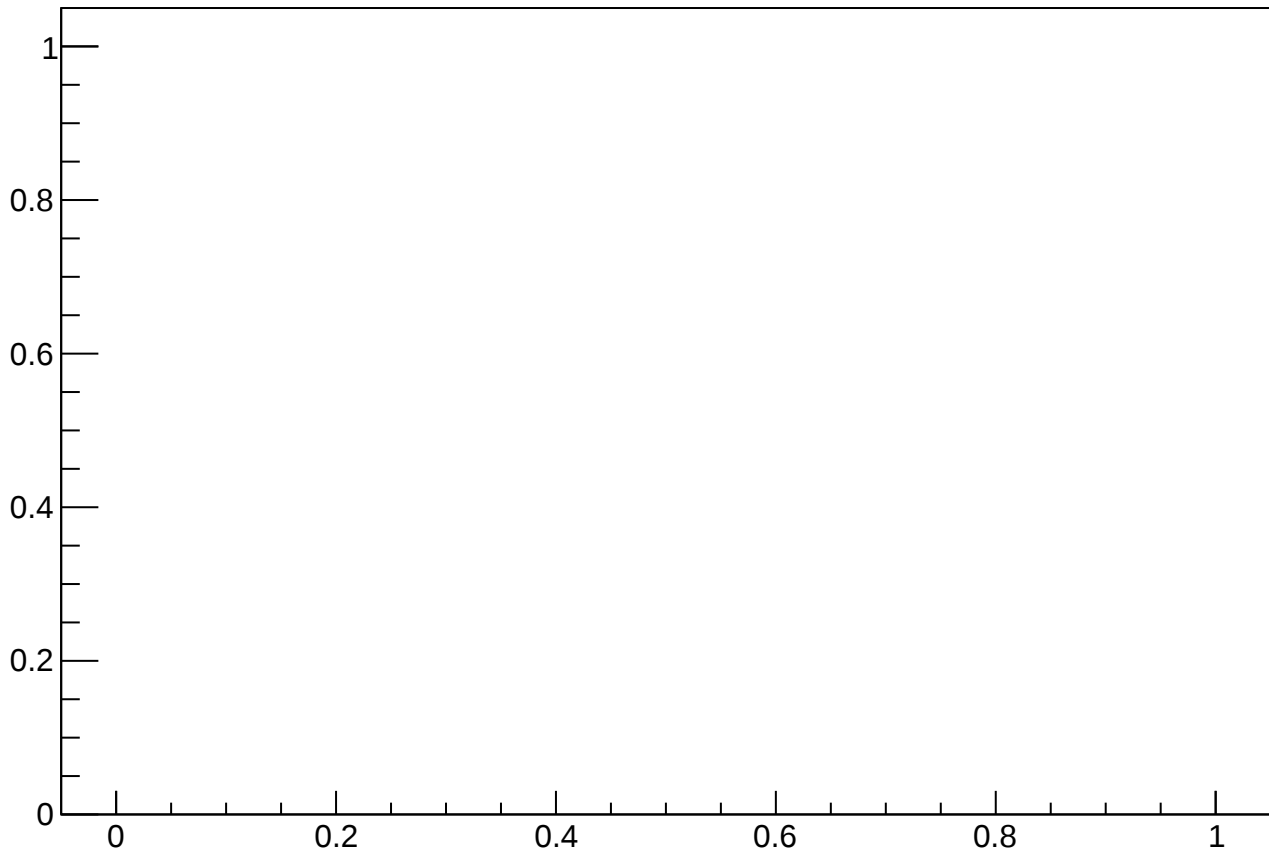
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

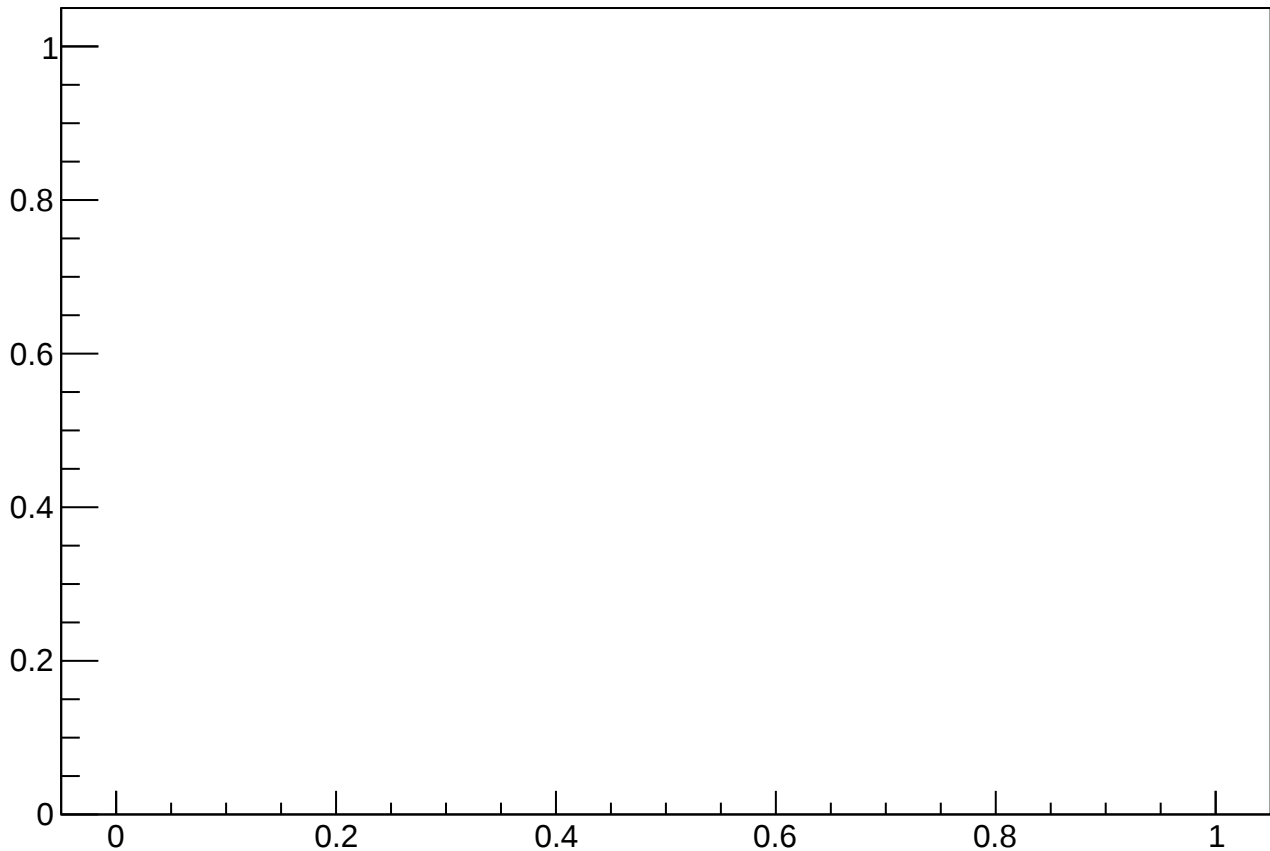
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

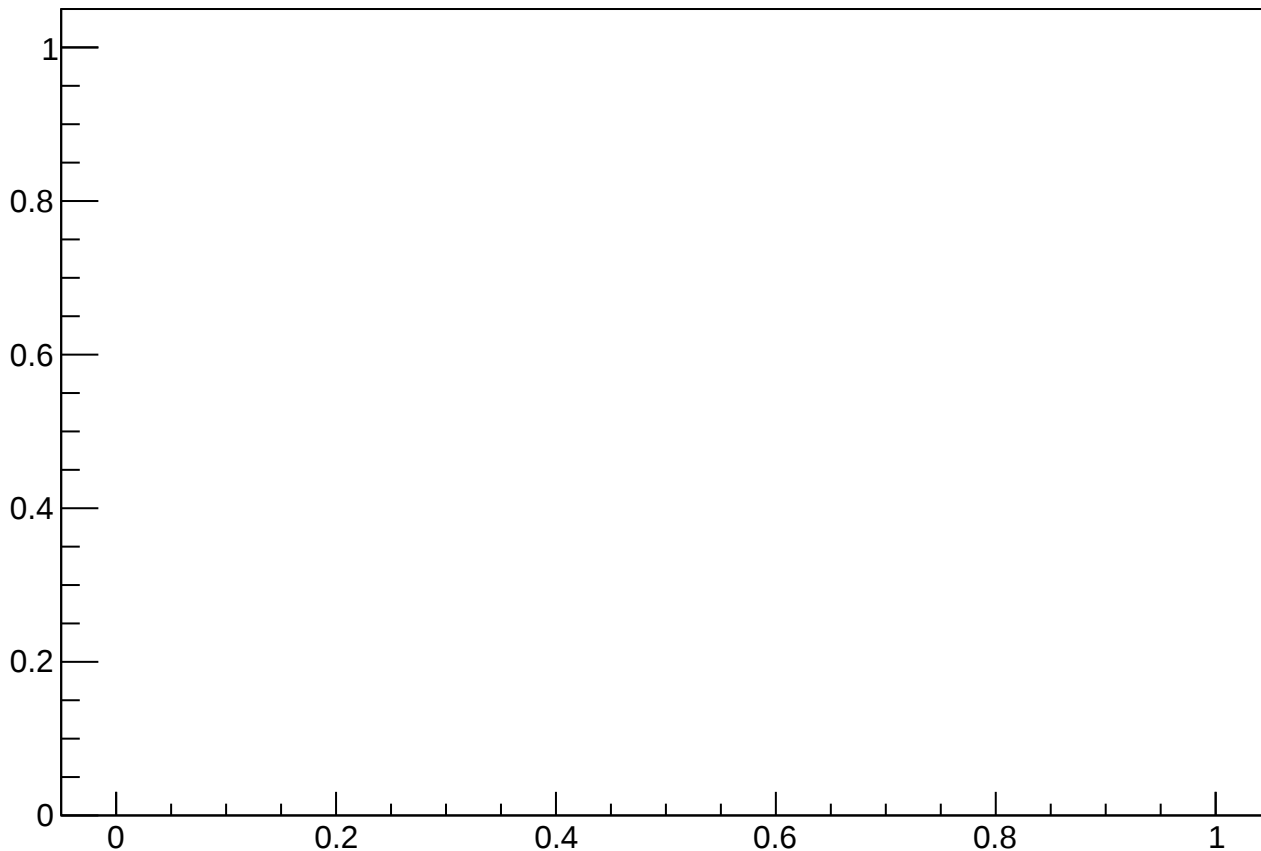
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

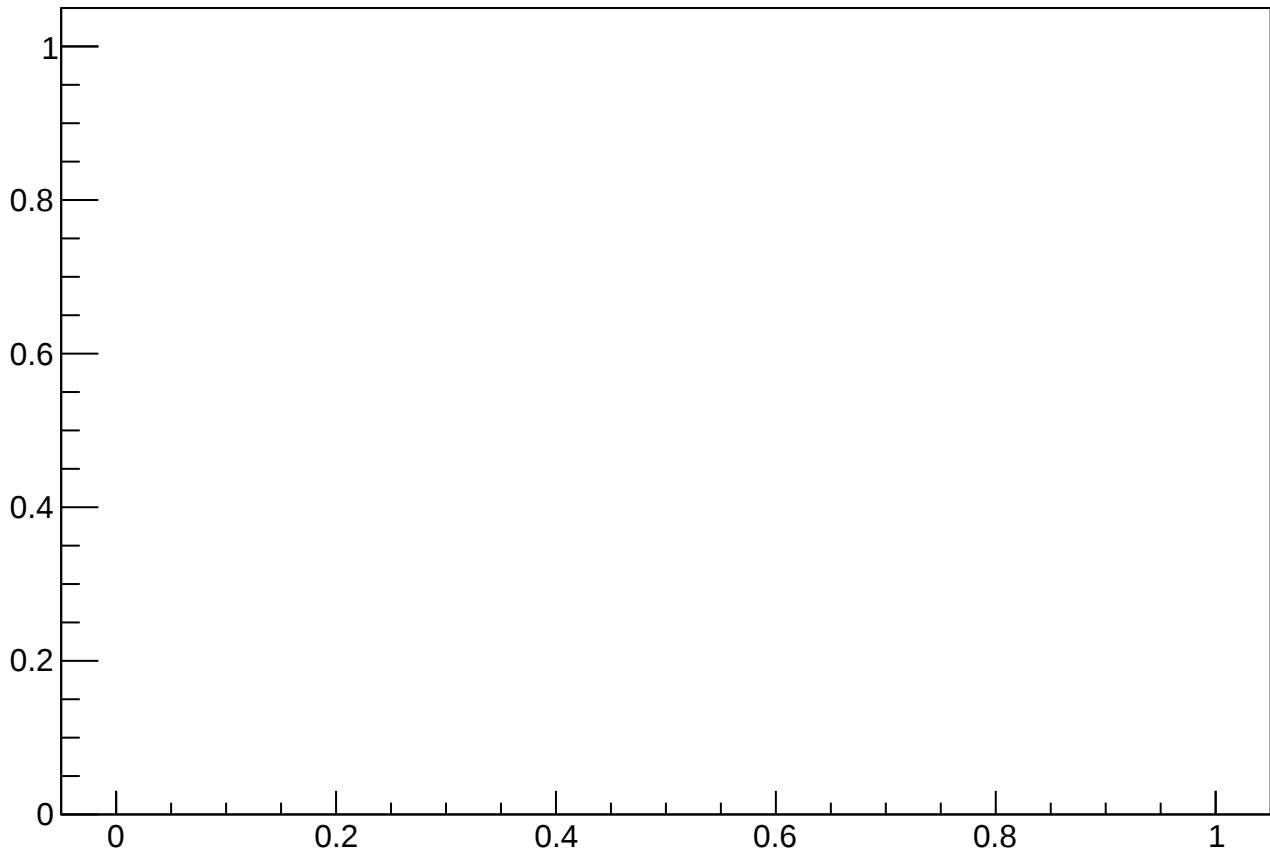
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

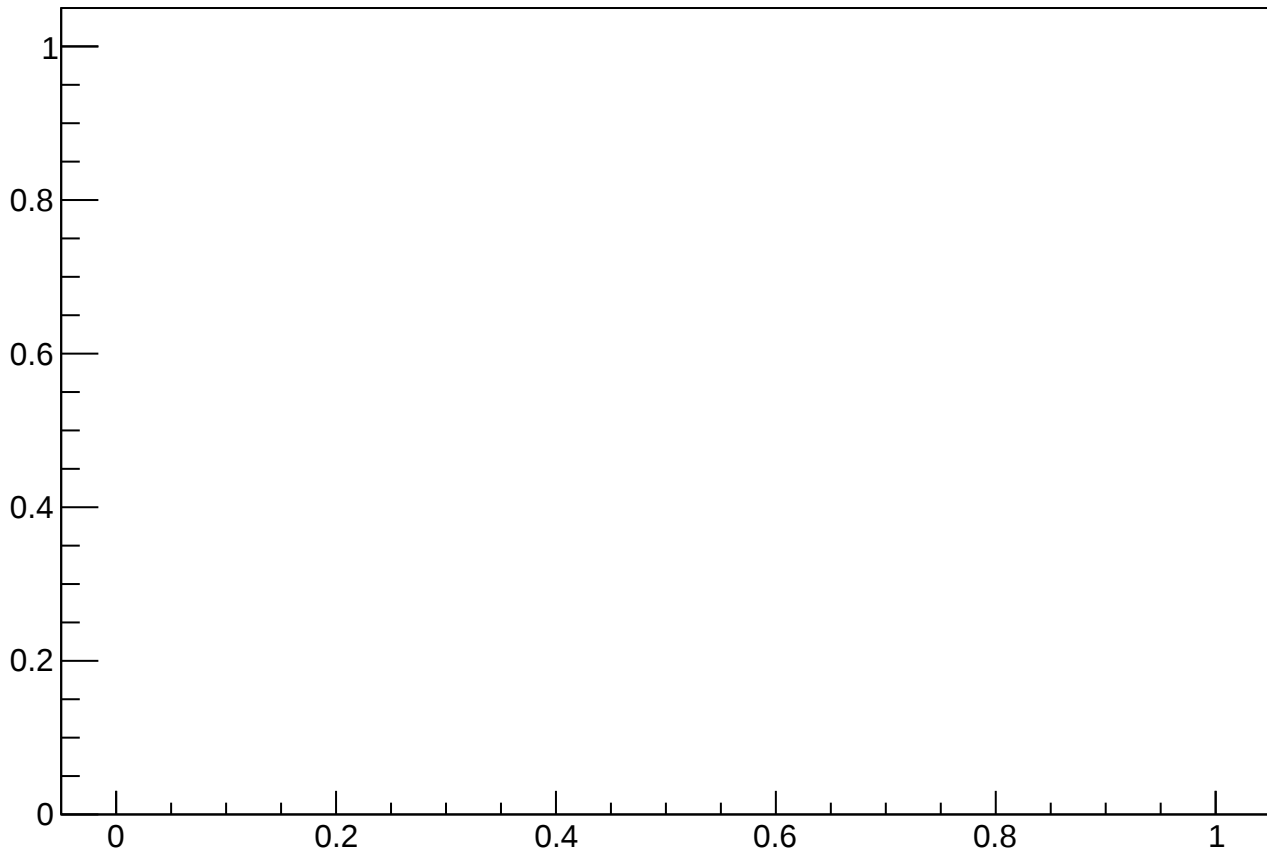
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

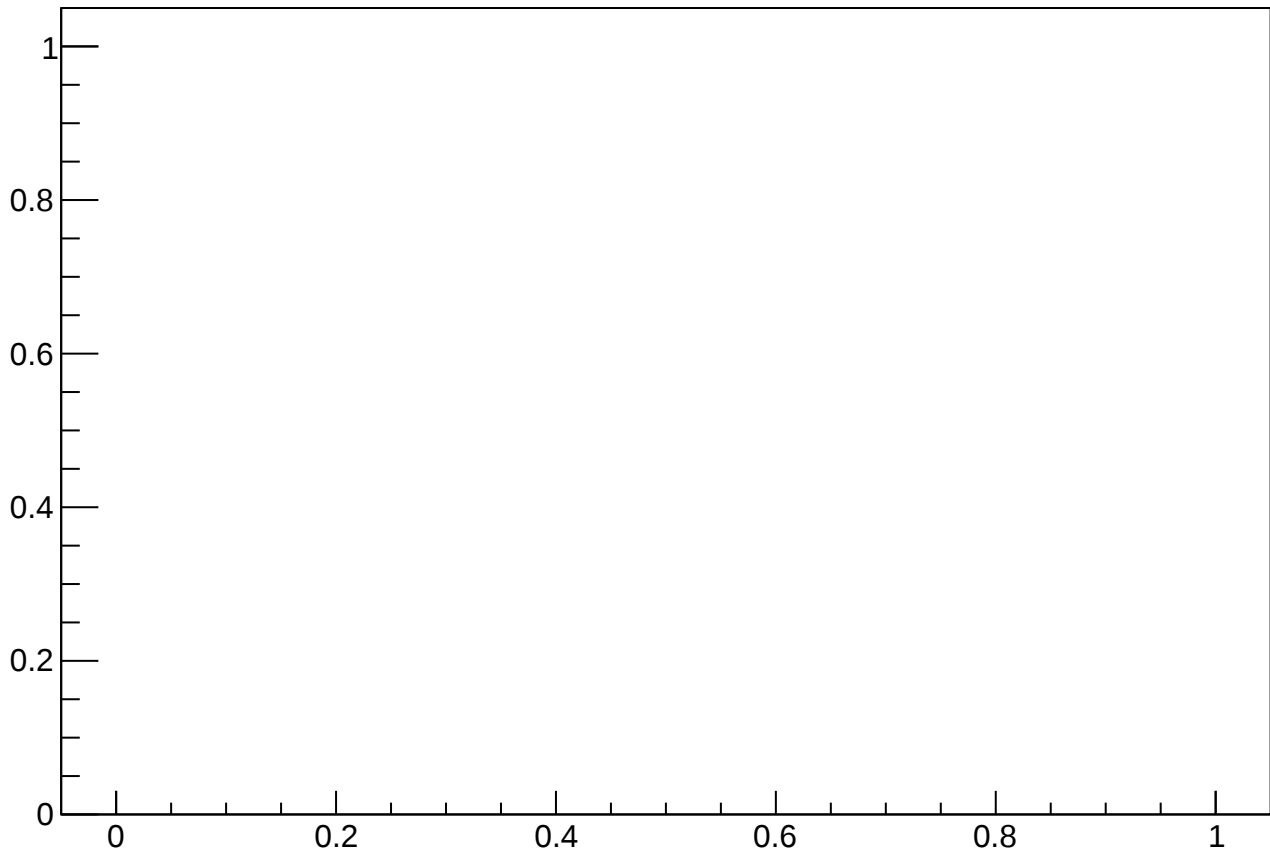
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

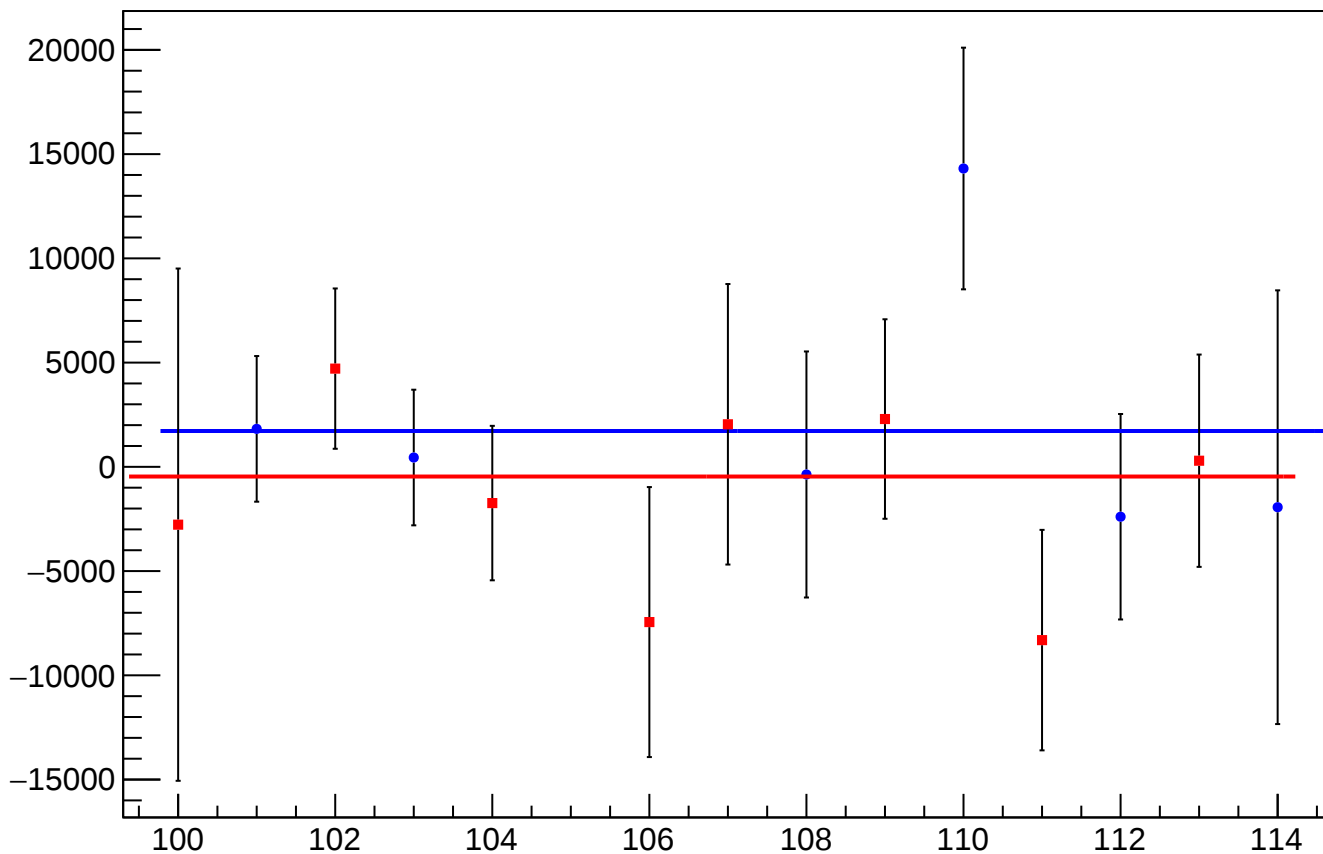
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1718.931+/-1871.983 χ^2/NDF : 5.8/5

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

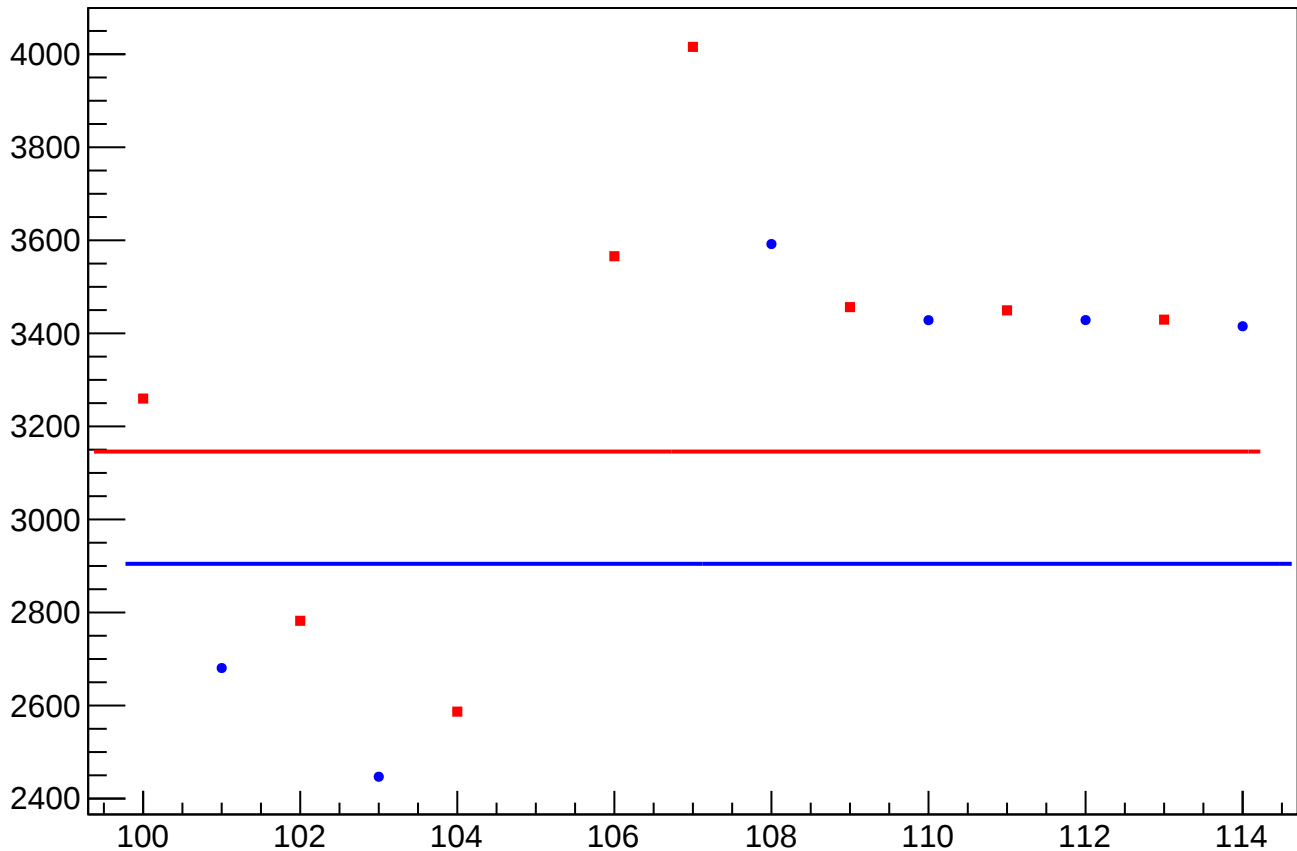
Right: 580.041+/-1294.839 χ^2/NDF : 12.4/13

In: 1718.931+/-1871.983 χ^2/NDF : 5.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 580.041+/-1294.839 χ^2/NDF : 12.4/13

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2904.655+/-1.324 χ^2/NDF : 118708.5/5

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

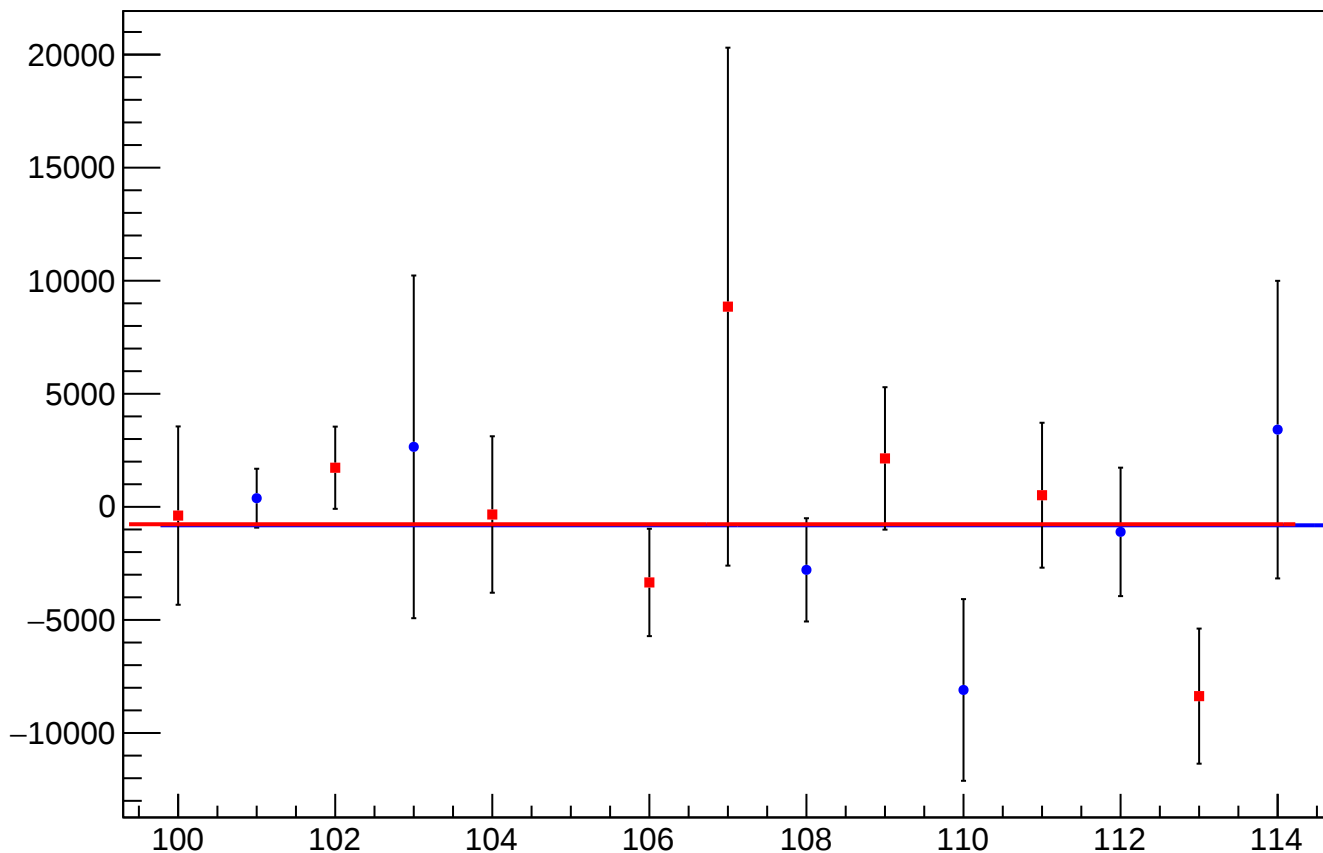
Right: 3030.490+/-0.916 χ^2/NDF : 262694.6/13

In: 2904.655+/-1.324 χ^2/NDF : 118708.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3030.490+/-0.916 χ^2/NDF : 262694.6/13

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -815.359+/-995.897 χ^2 /NDF: 5.5/5

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

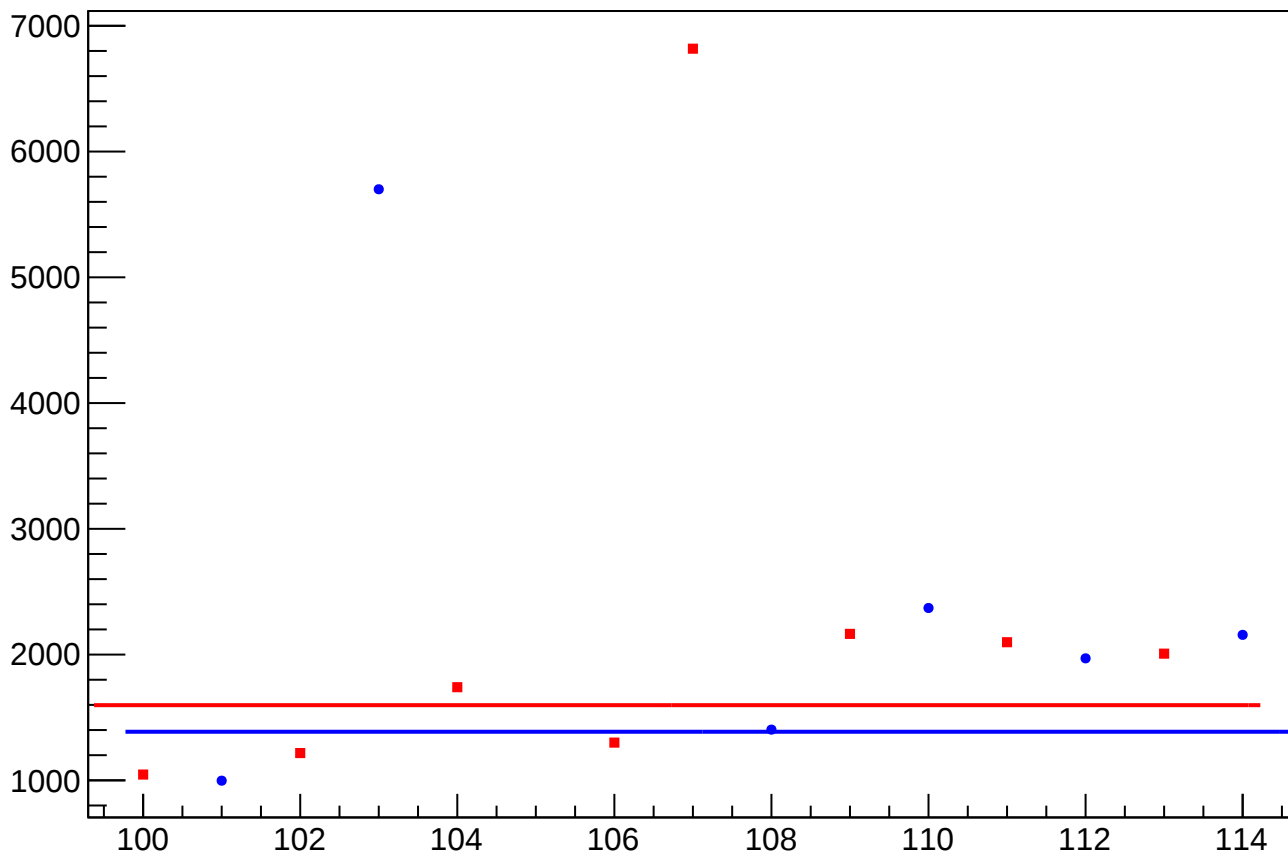
Right: -792.682+/-715.349 χ^2 /NDF: 16.8/13

In: -815.359+/-995.897 χ^2 /NDF:5.5/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -792.682+/-715.349 χ^2 /NDF: 16.8/13

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1386.361+/-0.704 χ^2/NDF : 1058915.4/5

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

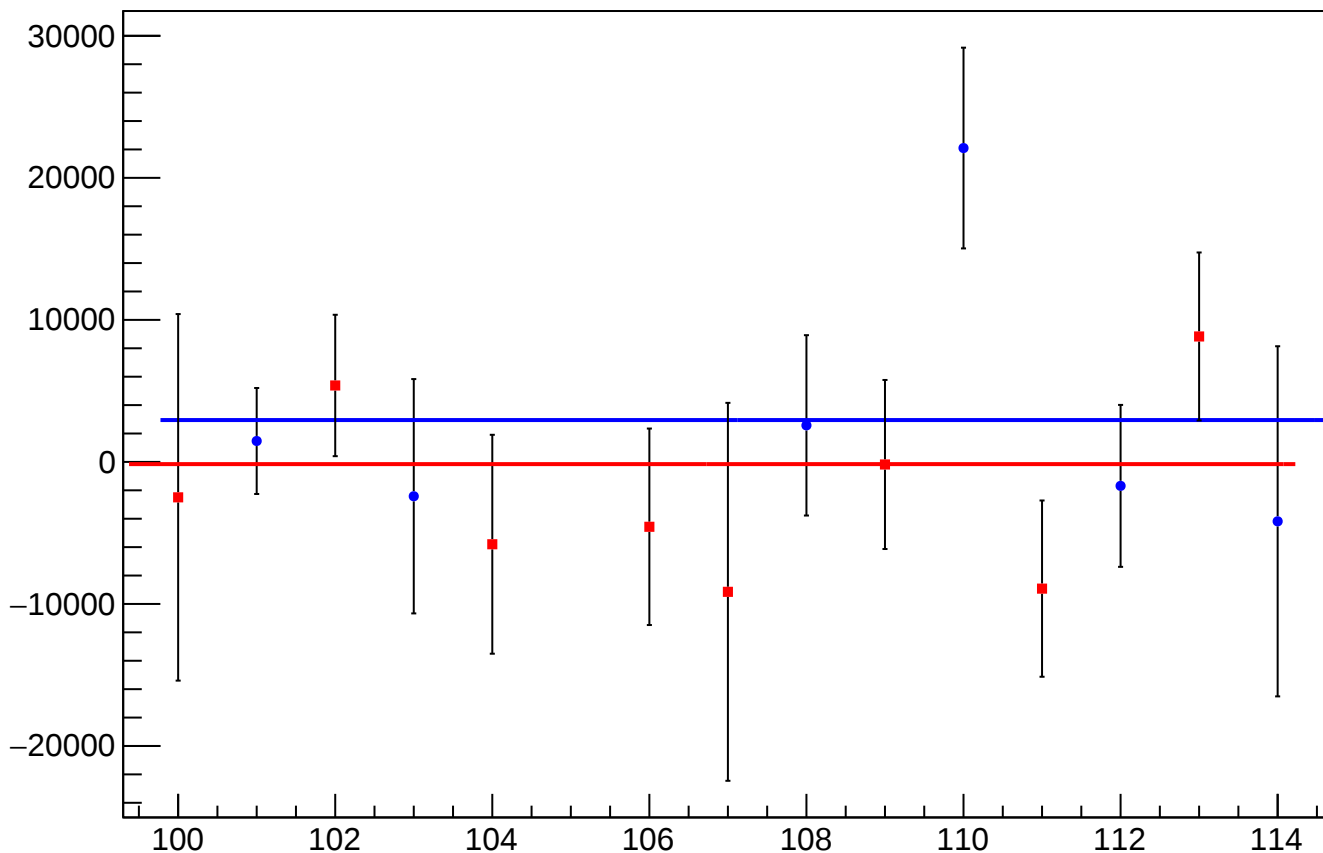
Right: 1488.674+/-0.506 χ^2/NDF : 1831139.9/13

In: 1386.361+/-0.704 χ^2/NDF : 1058915.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1488.674+/-0.506 χ^2/NDF : 1831139.9/13

asym_atl1_mean vs Slug, Sign Corrected



Right In: 2947.152+/-2434.679 χ^2/NDF : 8.9/5

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

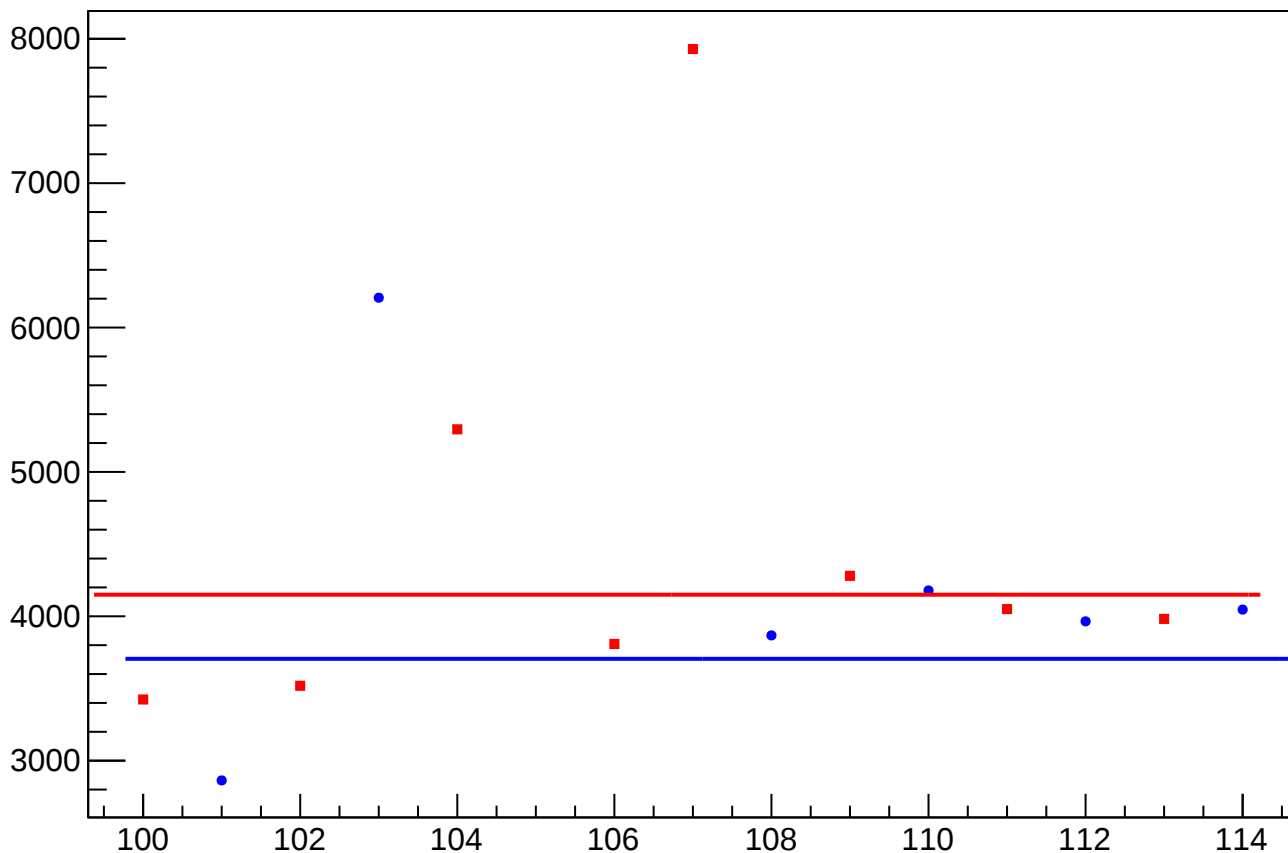
Right: 1378.553+/-1711.791 χ^2/NDF : 16.7/13

In: 2947.152+/-2434.679 χ^2/NDF : 8.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1378.553+/-1711.791 χ^2/NDF : 16.7/13

asym_atl1_rms vs Slug, Sign Corrected



Right In: 3705.460+/-1.722 χ^2/NDF : 301695.2/5

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

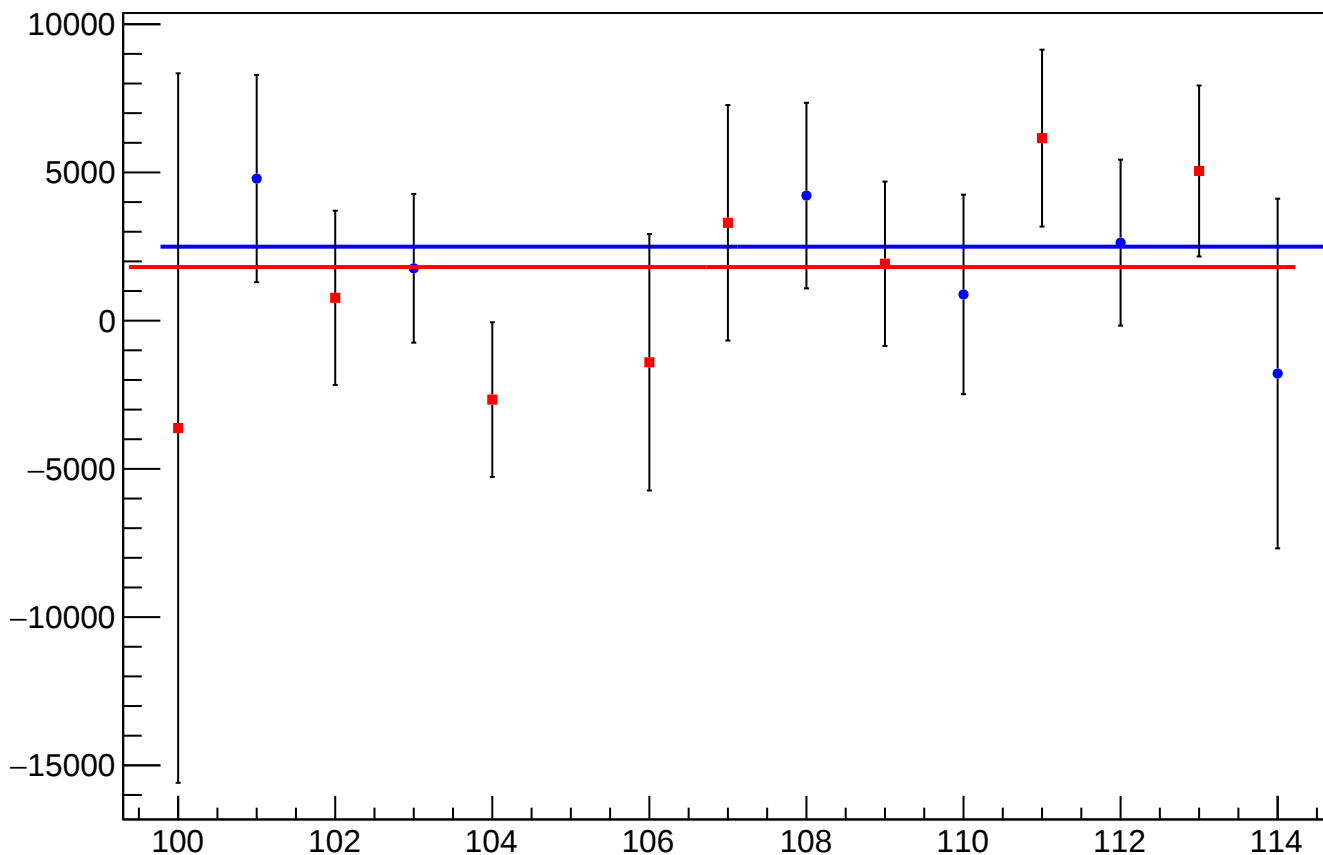
Right: 3930.044+/-1.210 χ^2/NDF : 587342.5/13

In: 3705.460+/-1.722 χ^2/NDF : 301695.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3930.044+/-1.210 χ^2/NDF : 587342.5/13

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2495.921+/-1304.676 χ^2/NDF : 1.6/5

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

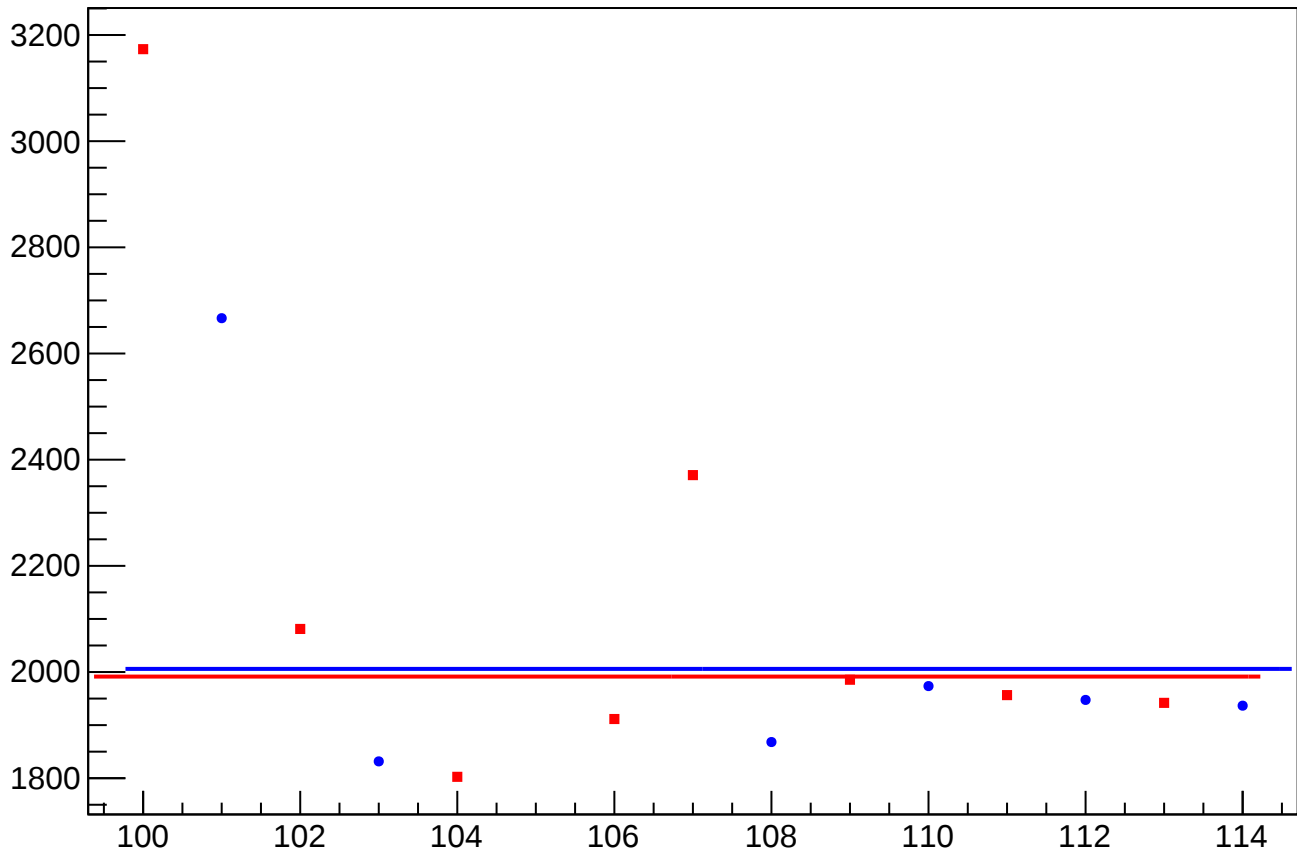
Right: 2110.611+/-864.886 χ^2/NDF : 9.1/13

In: 2495.921+/-1304.676 χ^2/NDF : 1.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2110.611+/-864.886 χ^2/NDF : 9.1/13

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2005.915 $\pm$ 0.923 χ^2 /NDF: 86295.7/5

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

Right Out: 1991.442 $\pm$ 0.817 χ^2 /NDF: 51670.0/7

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

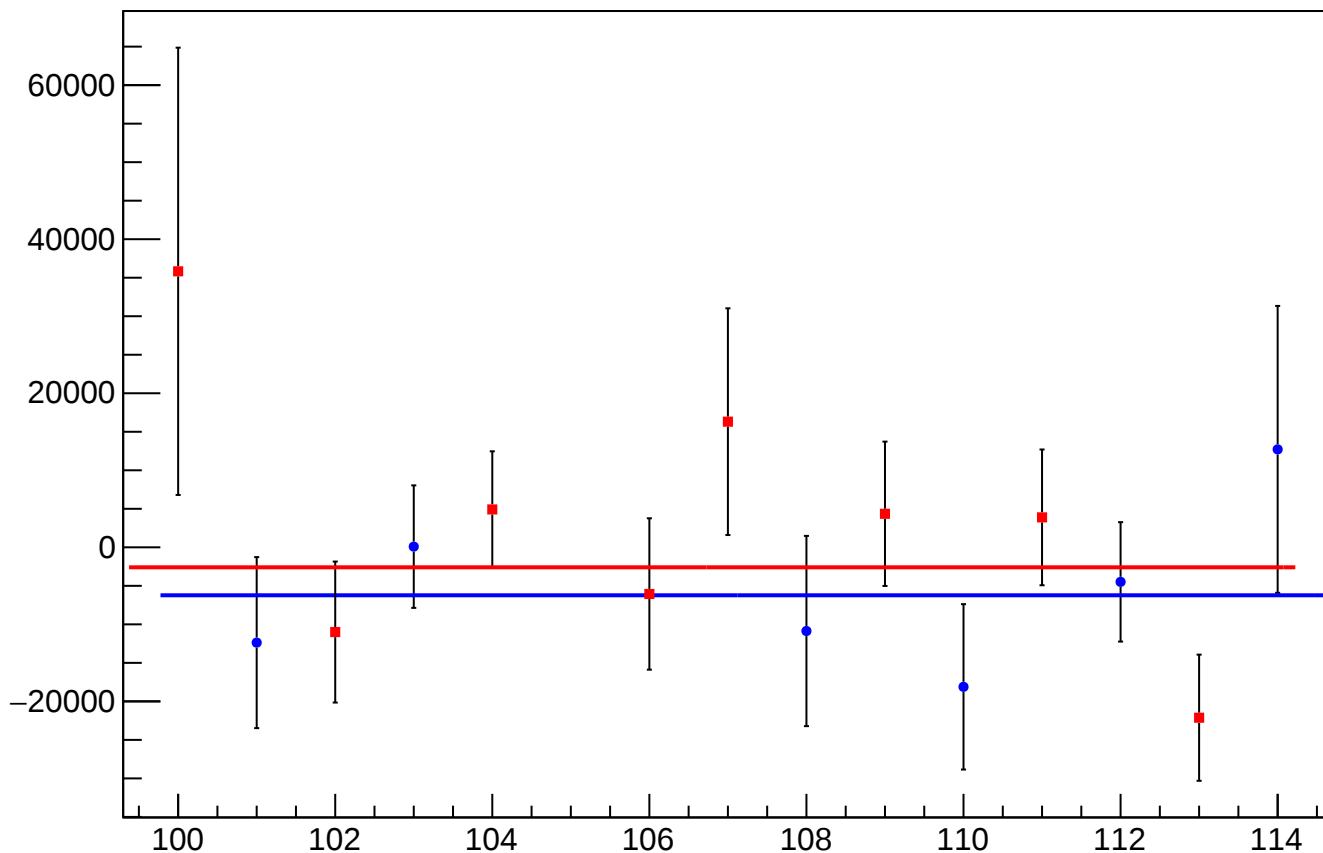
Right: 1997.802 $\pm$ 0.612 χ^2 /NDF: 138103.7/13

In: 2005.915 $\pm$ 0.923 χ^2 /NDF: 86295.7/5

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

All: 1997.802 $\pm$ 0.612 χ^2 /NDF: 138103.7/13

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -6226.010+/-4127.875 χ^2/NDF : 3.4/5

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

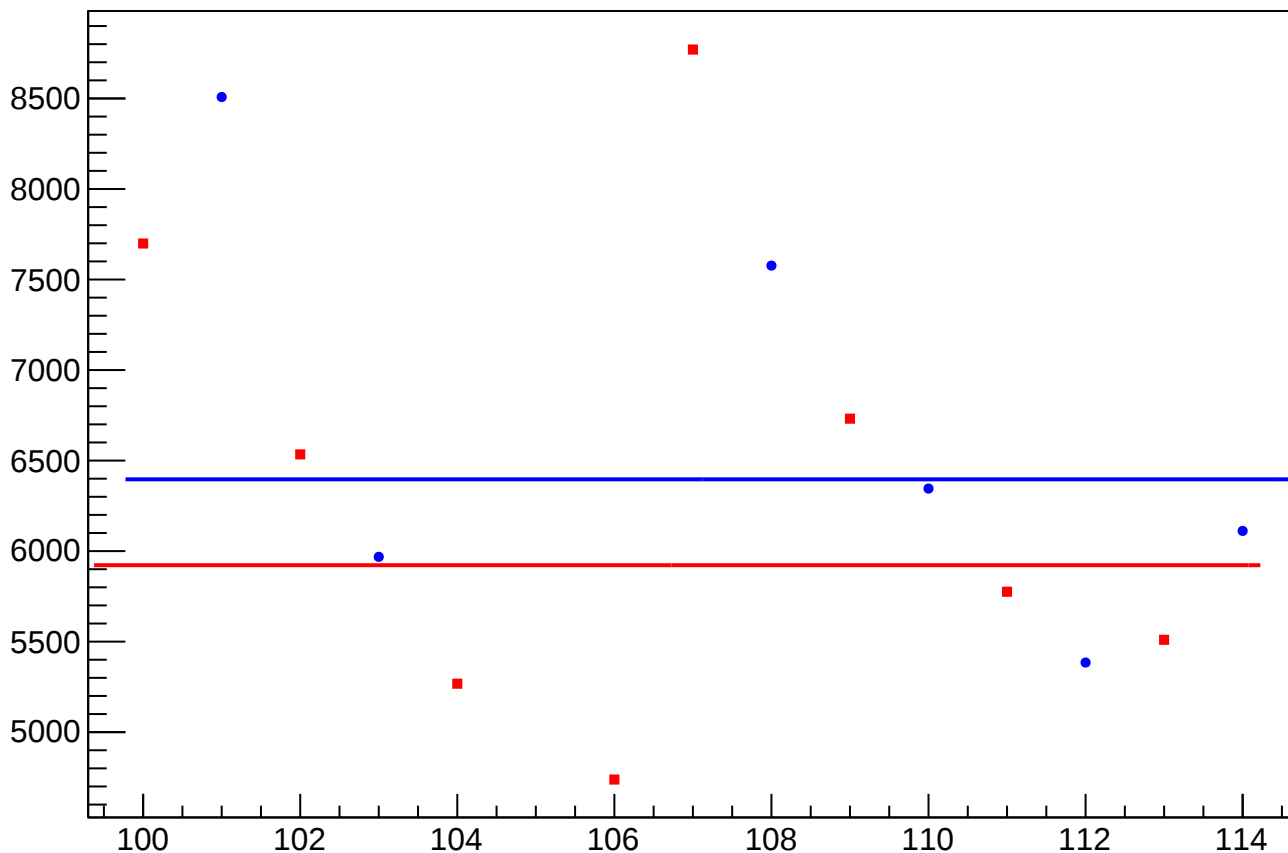
Right: -4080.008+/-2639.586 χ^2/NDF : 16.0/13

In: -6226.010+/-4127.875 χ^2/NDF : 3.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4080.008+/-2639.586 χ^2/NDF : 16.0/13

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 6396.437+/-2.919 χ^2/NDF : 130996.1/5

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

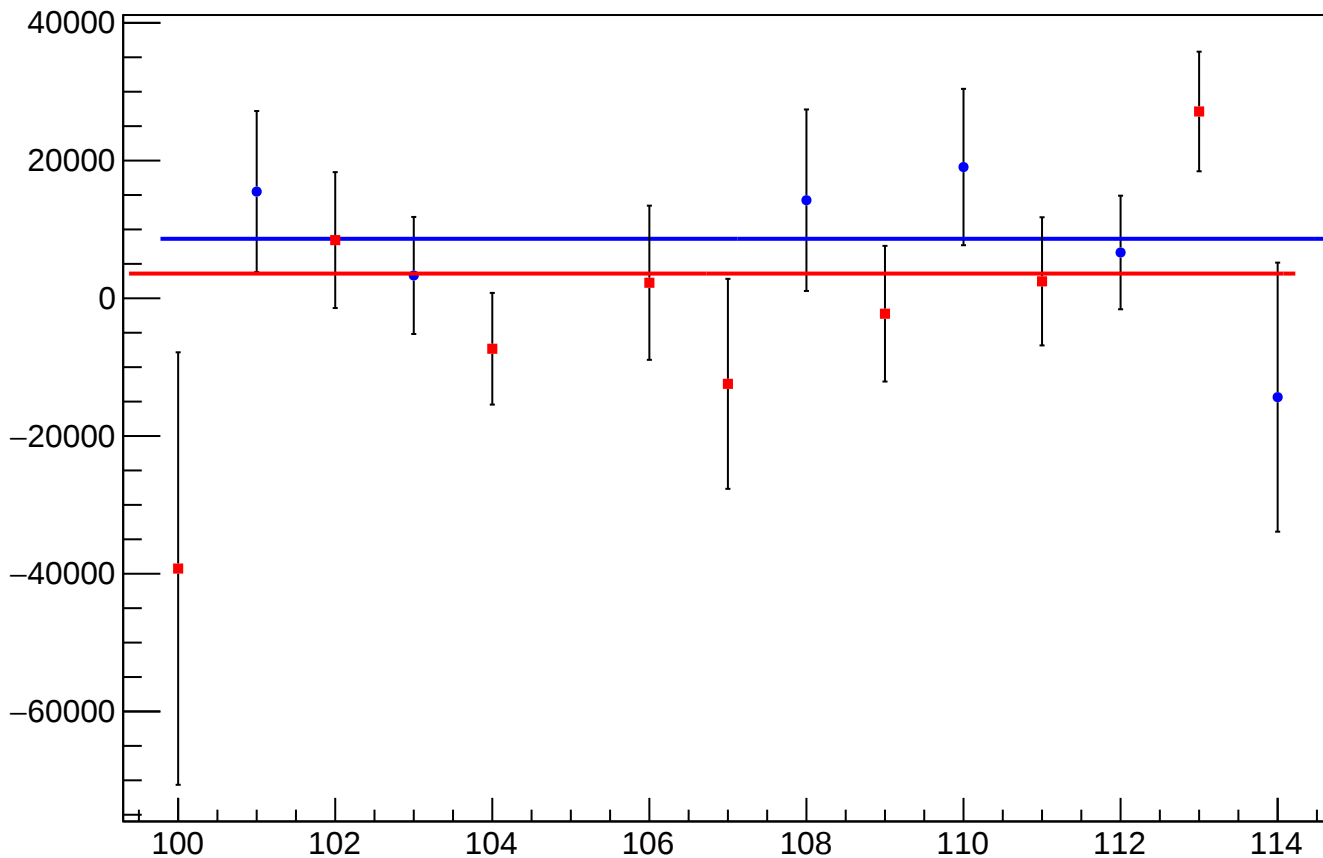
Right: 6116.102+/-1.866 χ^2/NDF : 302552.4/13

In: 6396.437+/-2.919 χ^2/NDF : 130996.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6116.102+/-1.866 χ^2/NDF : 302552.4/13

asym_atl2_mean vs Slug, Sign Corrected



Right In: 8641.784+/-4385.879 χ^2/NDF : 3.2/5

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

Right Out: 3591.034+/-3679.283 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

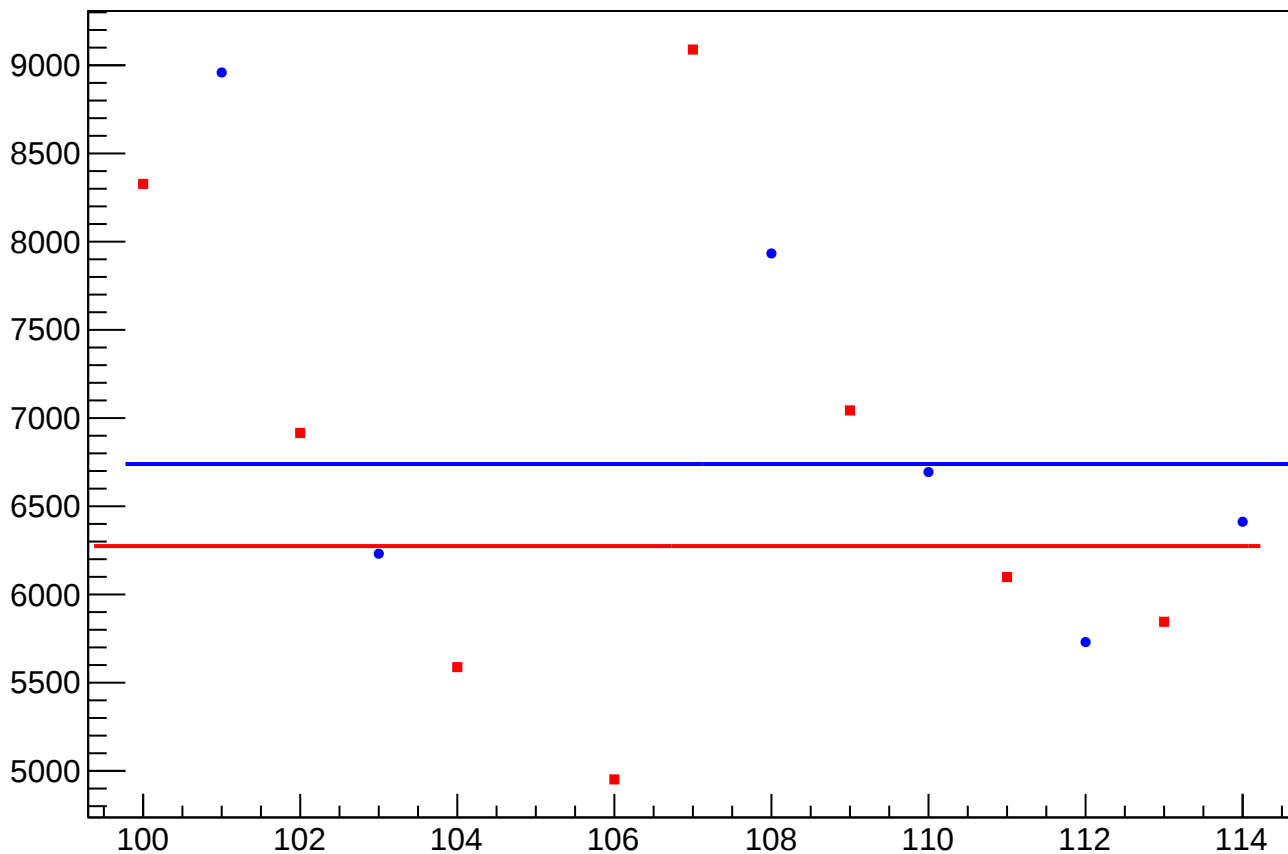
Right: 5677.280+/-2818.781 χ^2/NDF : 16.7/13

In: 8641.784+/-4385.879 χ^2/NDF : 3.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5677.280+/-2818.781 χ^2/NDF : 16.7/13

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6739.571+/-3.101 χ^2/NDF : 126105.9/5

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

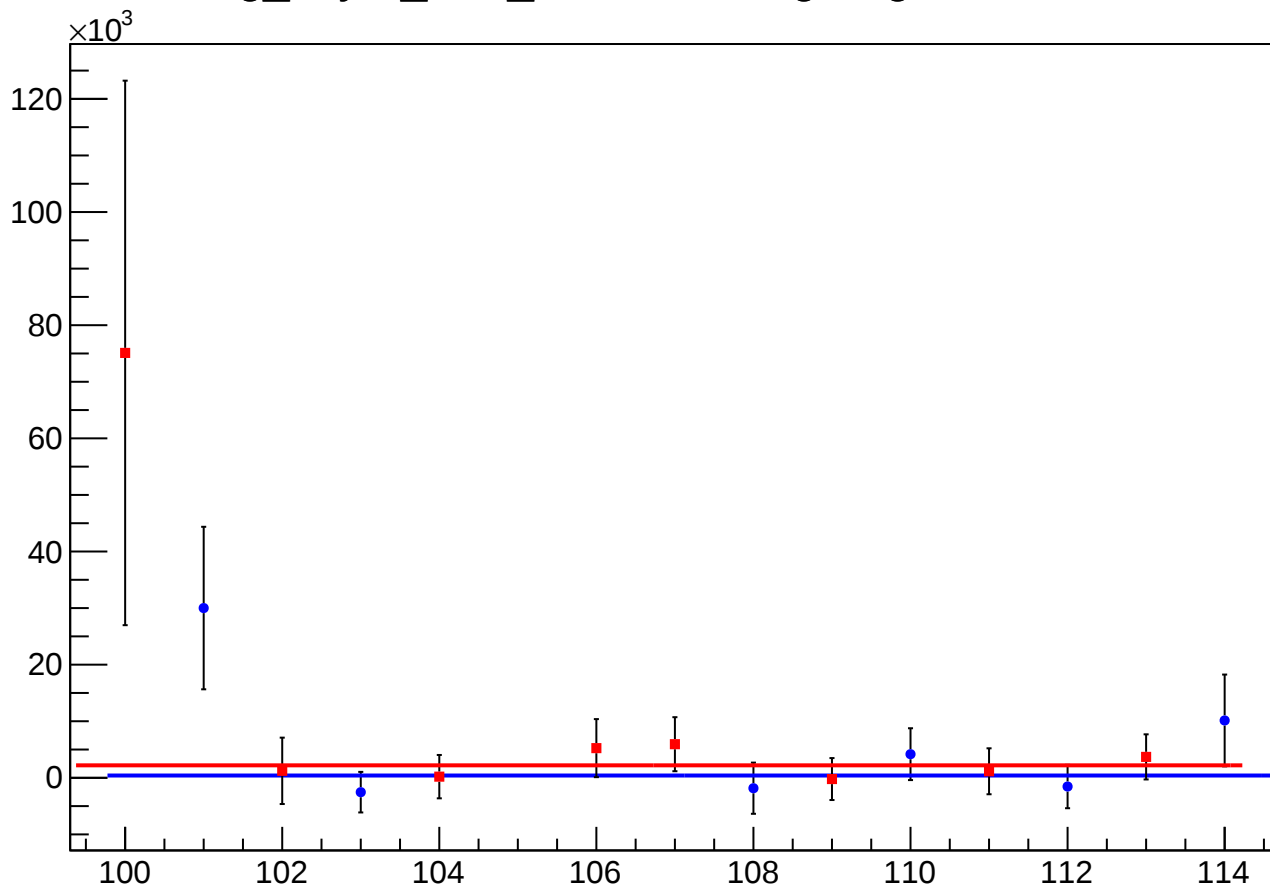
Right: 6466.547+/-1.993 χ^2/NDF : 284458.3/13

In: 6739.571+/-3.101 χ^2/NDF : 126105.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6466.547+/-1.993 χ^2/NDF : 284458.3/13

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: 407.507 $\pm$ 1952.228 χ^2/NDF : 7.5/5

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

Right Out: 2206.889 $\pm$ 1631.371 χ^2/NDF : 4.2/7

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

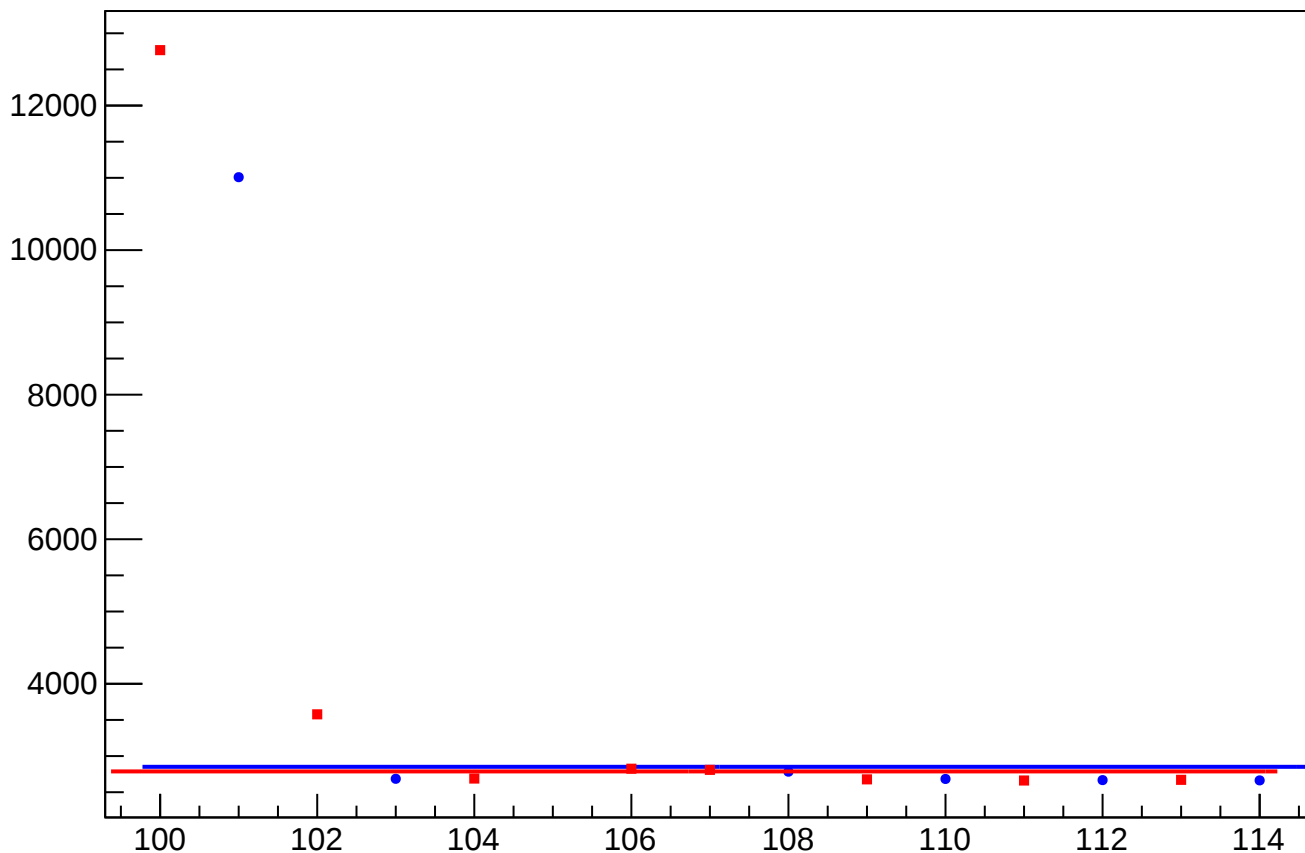
Right: 1467.024 $\pm$ 1251.829 χ^2/NDF : 12.2/13

In: 407.507 $\pm$ 1952.228 χ^2/NDF : 7.5/5

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

All: 1467.024 $\pm$ 1251.829 χ^2/NDF : 12.2/13

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2851.425+/-1.380 χ^2/NDF : 658295.5/5

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

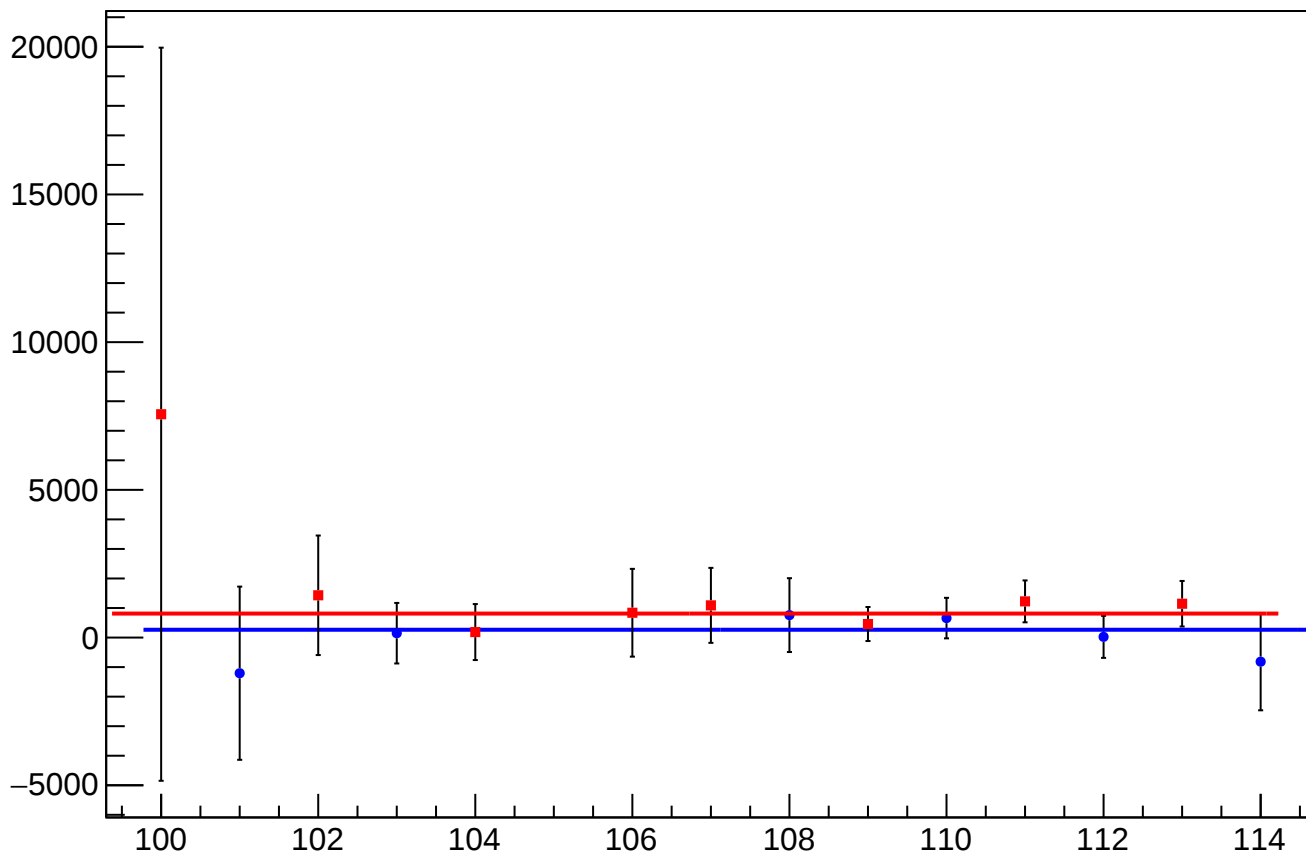
Right: 2813.891+/-0.885 χ^2/NDF : 788681.6/13

In: 2851.425+/-1.380 χ^2/NDF : 658295.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2813.891+/-0.885 χ^2/NDF : 788681.6/13

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: 264.404+/-402.359 χ^2/NDF : 1.3/5

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

Right Out: 812.139+/-331.064 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

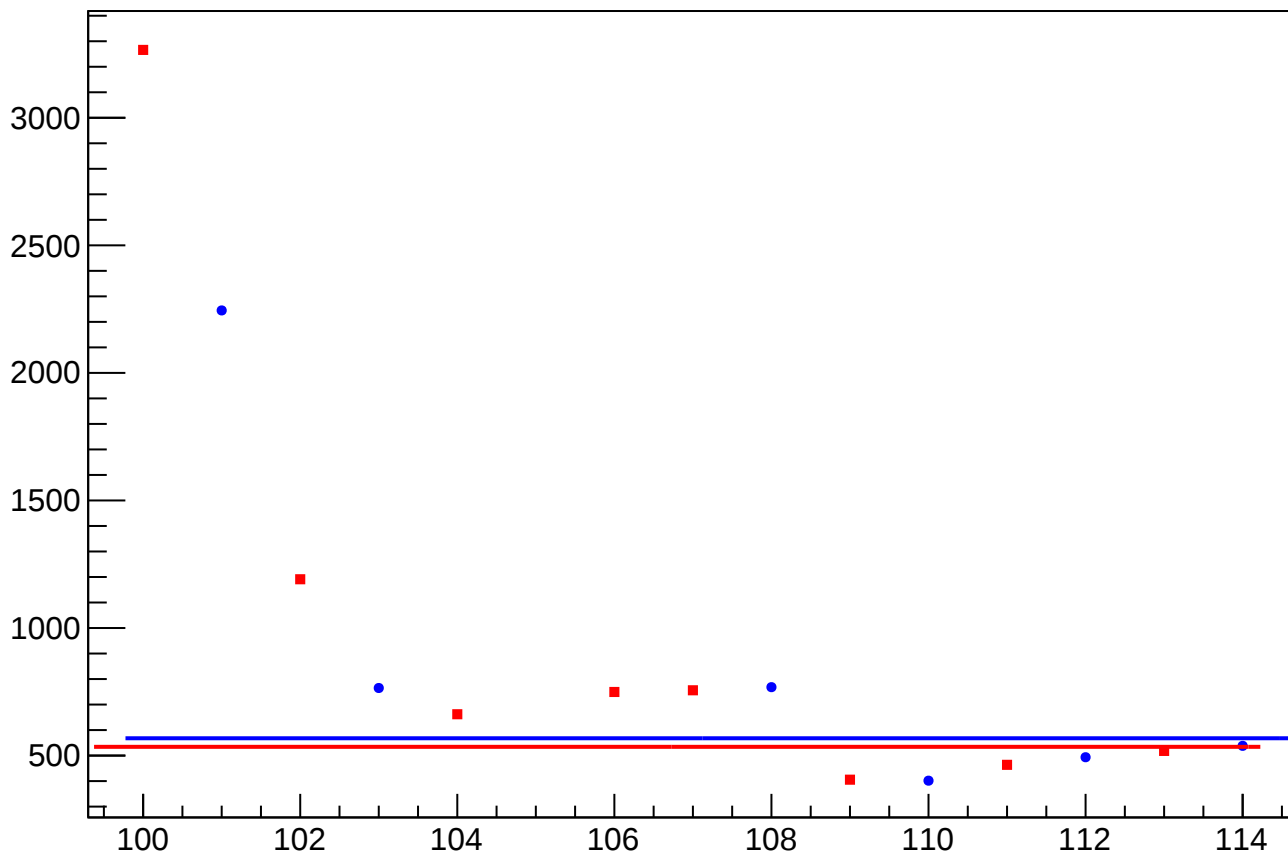
Right: 591.017+/-255.649 χ^2/NDF : 4.2/13

In: 264.404+/-402.359 χ^2/NDF : 1.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 591.017+/-255.649 χ^2/NDF : 4.2/13

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 567.888+/-0.285 χ^2/NDF : 919661.0/5

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

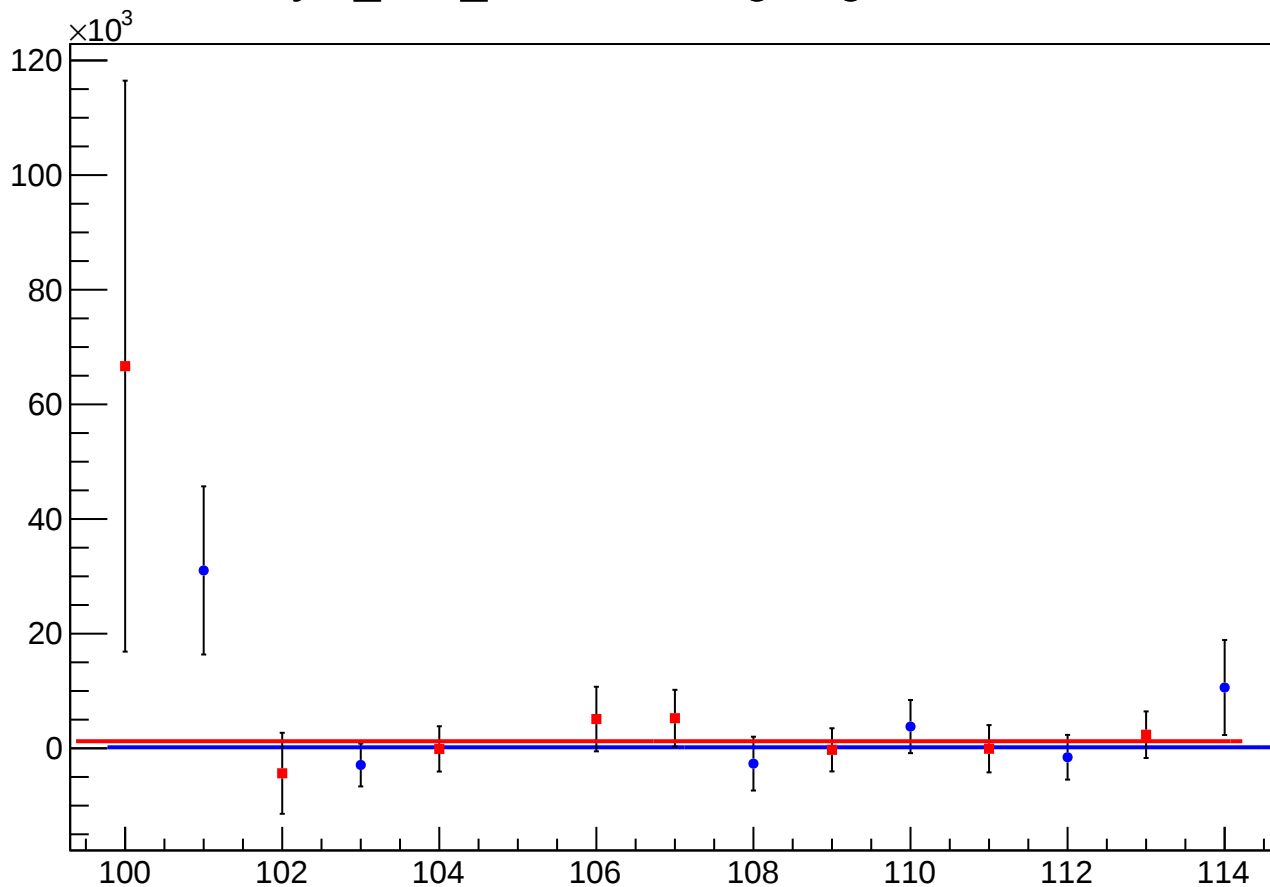
Right: 547.864+/-0.181 χ^2/NDF : 1495559.6/13

In: 567.888+/-0.285 χ^2/NDF : 919661.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 547.864+/-0.181 χ^2/NDF : 1495559.6/13

asym_atr1_mean vs Slug, Sign Corrected



Right In: 177.047+/-2006.911 χ^2/NDF : 7.9/5

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

Right Out: 1235.838+/-1698.376 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

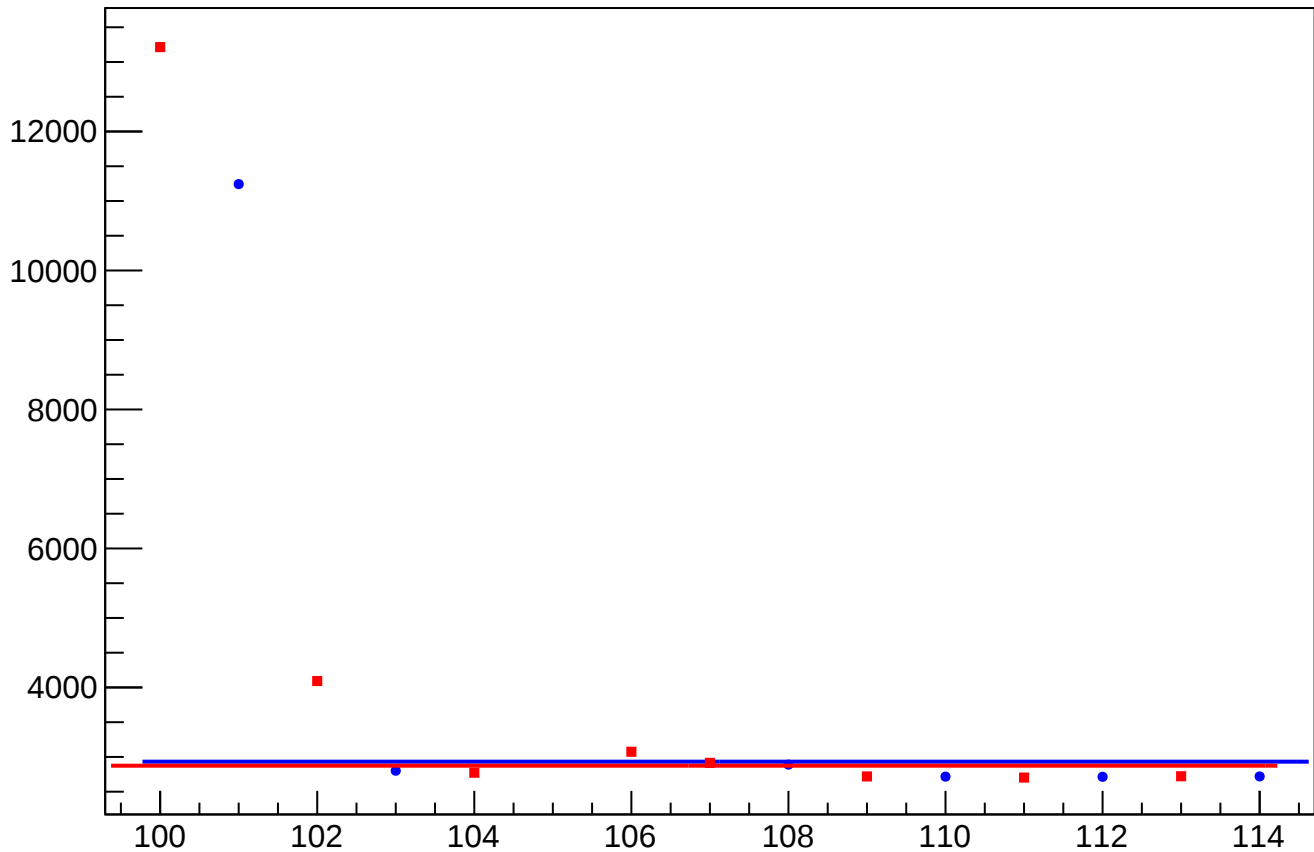
Right: 793.999+/-1296.447 χ^2/NDF : 12.0/13

In: 177.047+/-2006.911 χ^2/NDF : 7.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 793.999+/-1296.447 χ^2/NDF : 12.0/13

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2932.018+/-1.419 χ^2/NDF : 656647.1/5

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

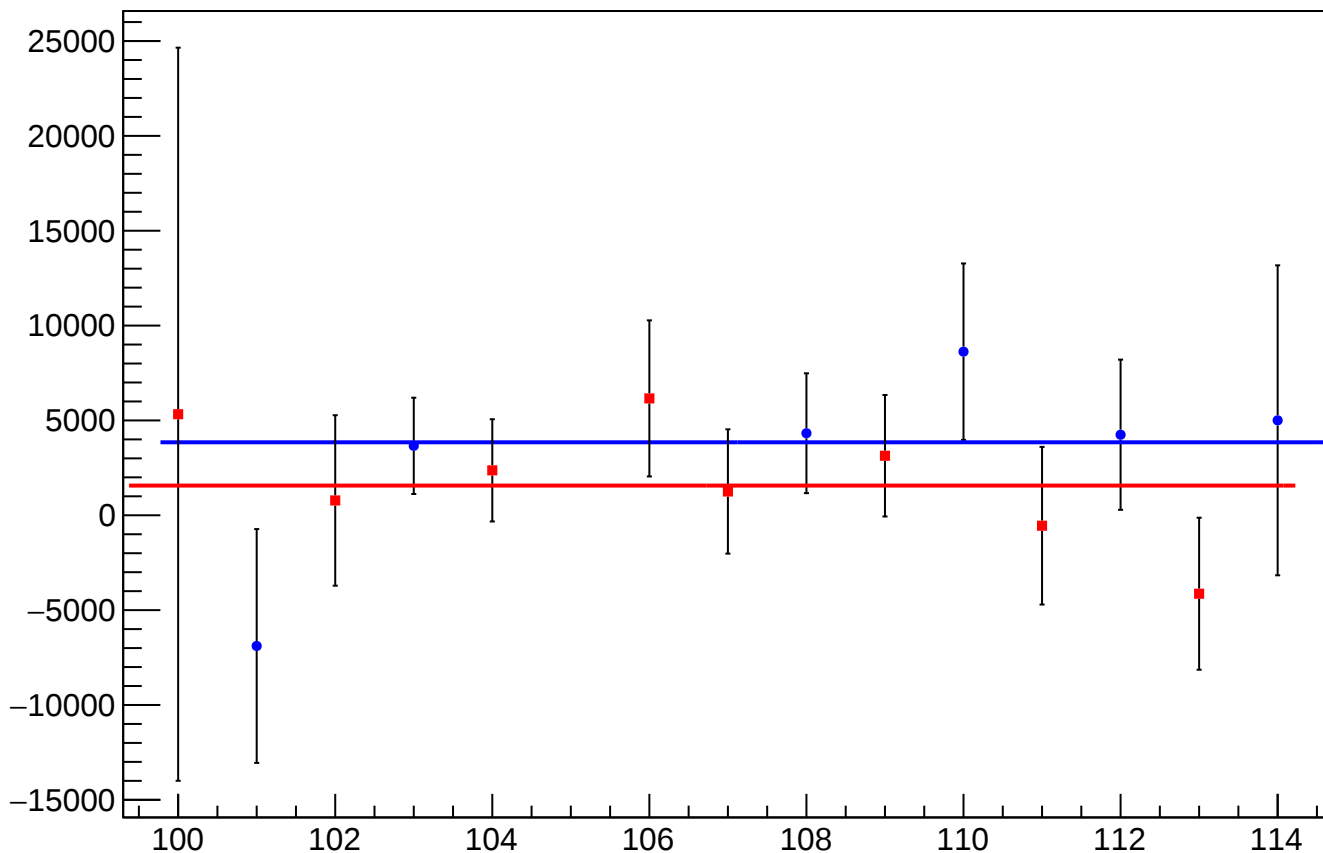
Right: 2898.185+/-0.917 χ^2/NDF : 816911.9/13

In: 2932.018+/-1.419 χ^2/NDF : 656647.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2898.185+/-0.917 χ^2/NDF : 816911.9/13

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3847.422+/-1567.734 χ^2/NDF : 4.2/5

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

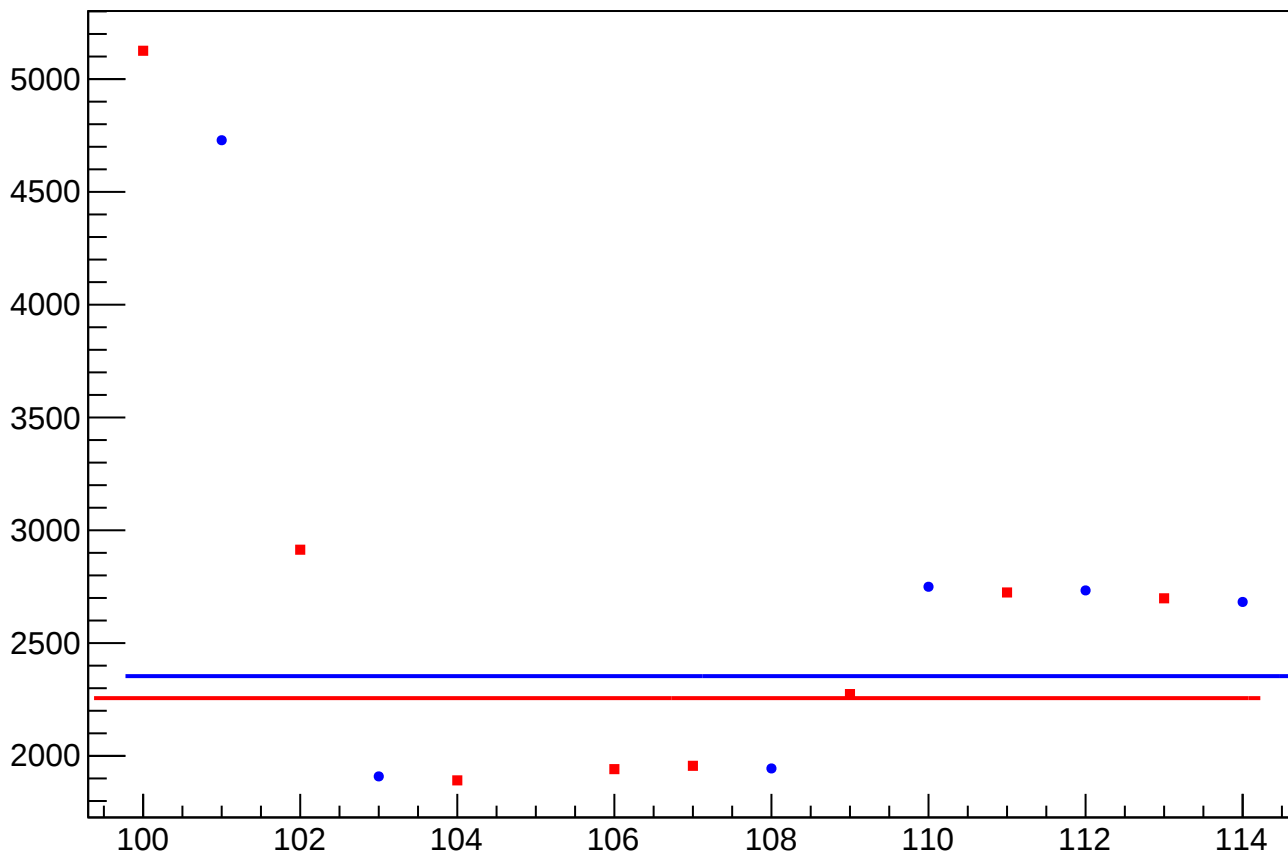
Right: 2526.173+/-1017.120 χ^2/NDF : 9.3/13

In: 3847.422+/-1567.734 χ^2/NDF : 4.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2526.173+/-1017.120 χ^2/NDF : 9.3/13

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2353.548+/-1.109 χ^2/NDF : 428217.5/5

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

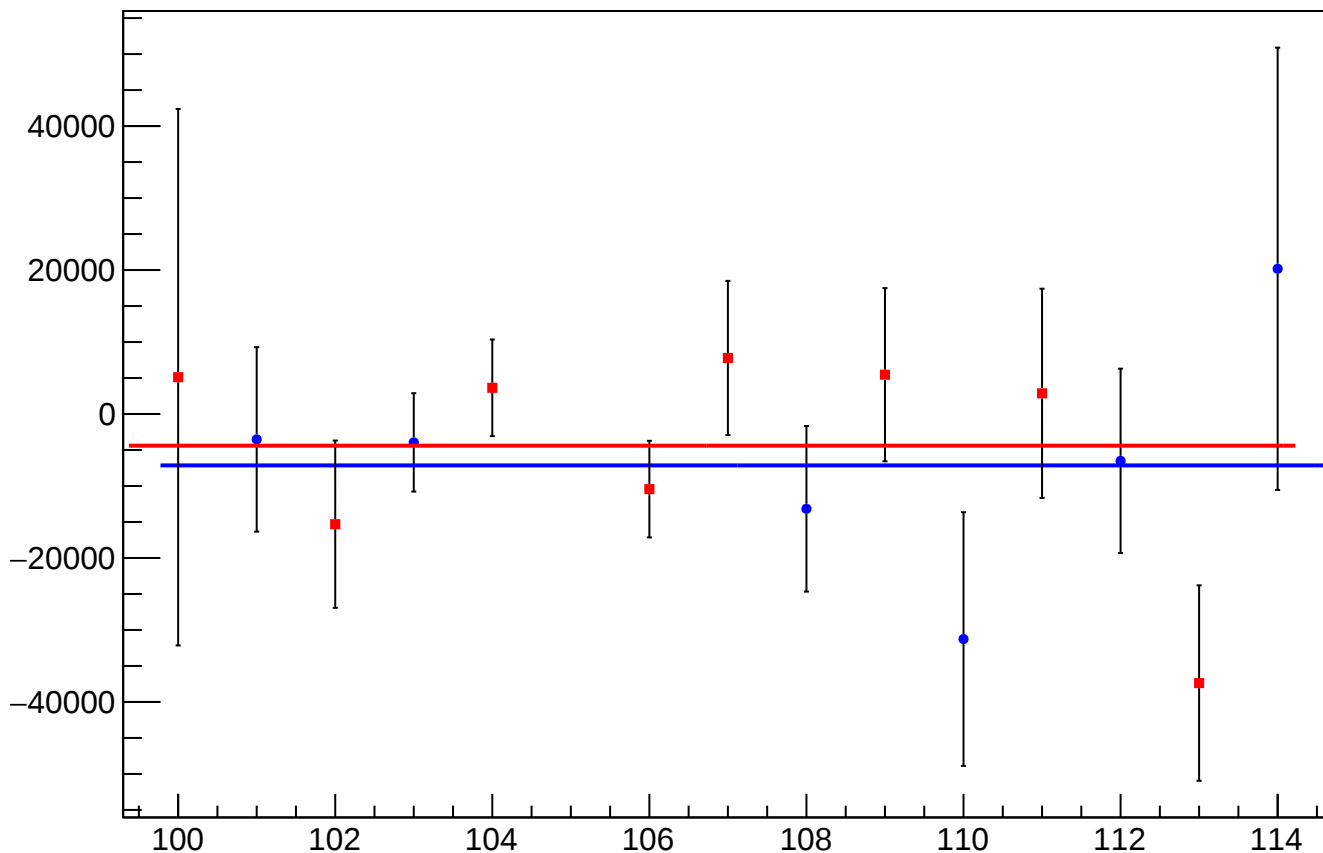
Right: 2297.072+/-0.719 χ^2/NDF : 634597.7/13

In: 2353.548+/-1.109 χ^2/NDF : 428217.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2297.072+/-0.719 χ^2/NDF : 634597.7/13

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -7140.565+/-4691.182 χ^2/NDF : 3.2/5

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

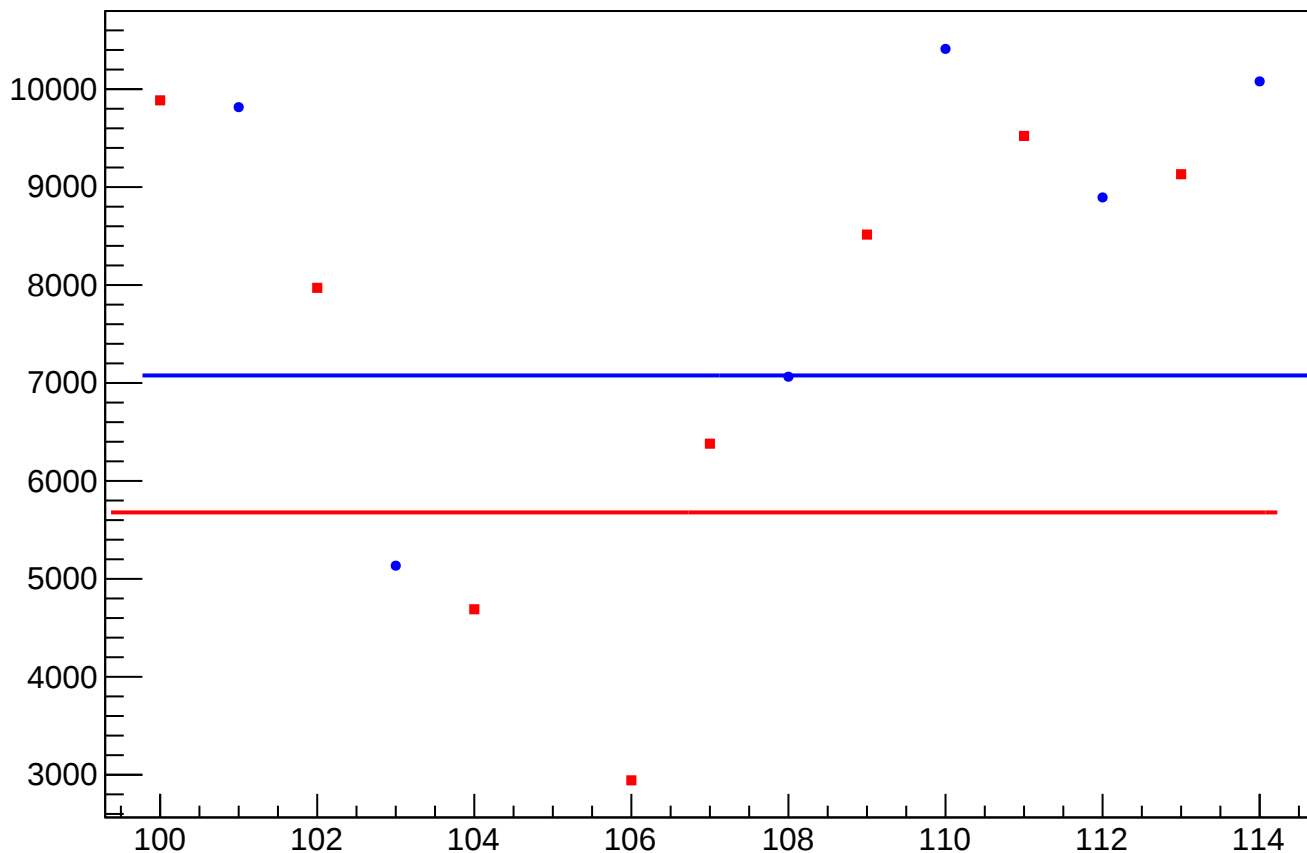
Right: -5405.090+/-2842.862 χ^2/NDF : 14.8/13

In: -7140.565+/-4691.182 χ^2/NDF : 3.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5405.090+/-2842.862 χ^2/NDF : 14.8/13

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 7076.841+/-3.317 χ^2/NDF : 383921.8/5

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

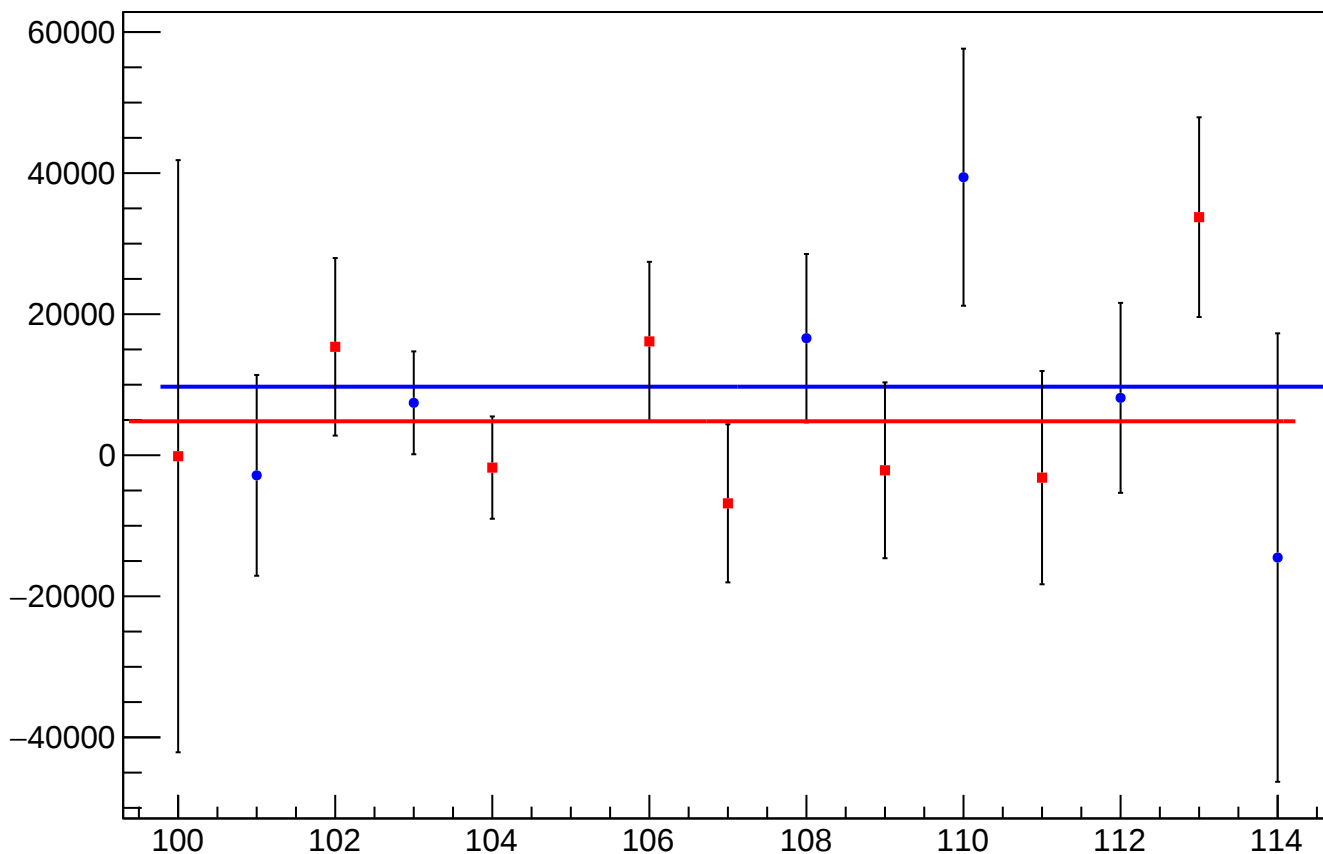
Right: 6192.070+/-2.010 χ^2/NDF : 1364385.9/13

In: 7076.841+/-3.317 χ^2/NDF : 383921.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6192.070+/-2.010 χ^2/NDF : 1364385.9/13

asym_atr2_mean vs Slug, Sign Corrected



Right In: 9717.329+/-4982.688 χ^2/NDF : 4.5/5

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

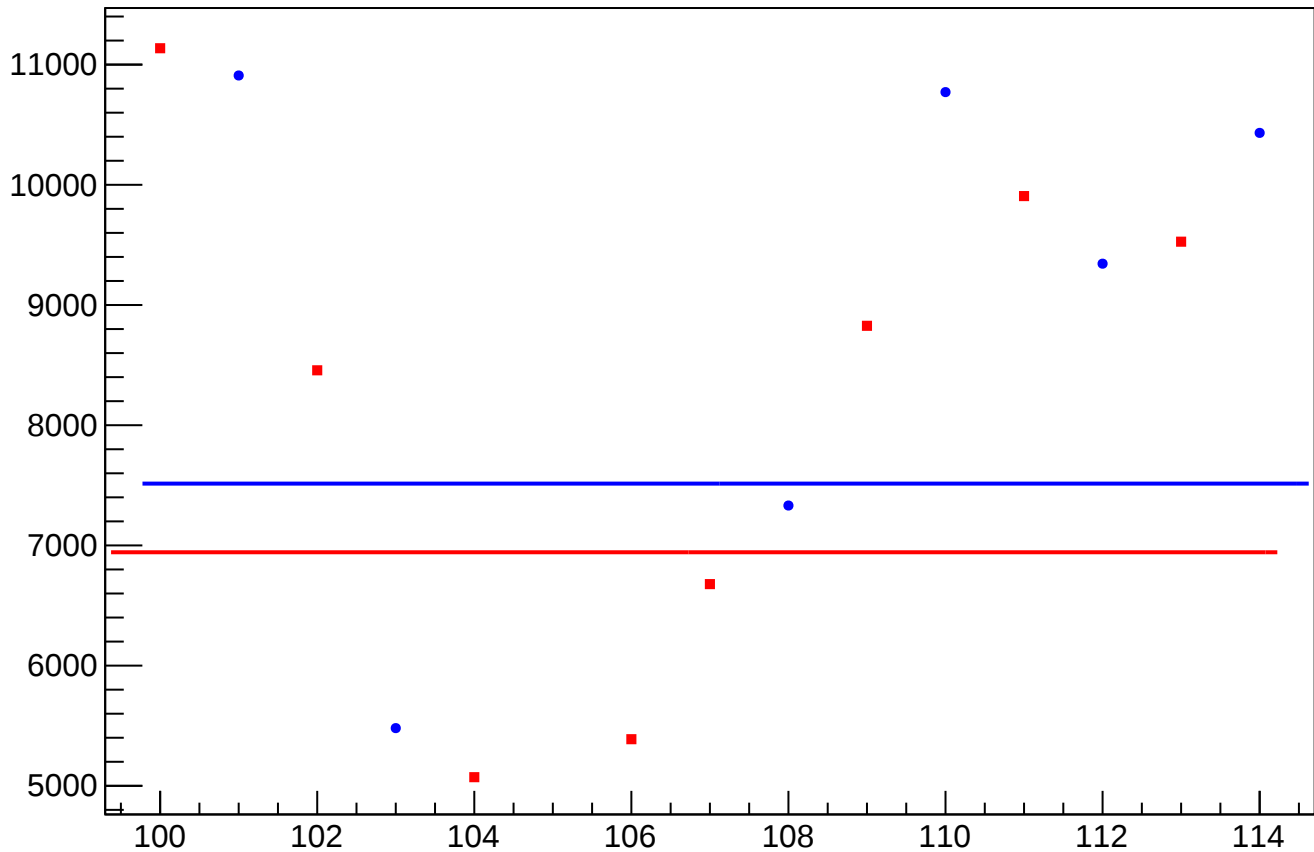
Right: 6833.678+/-3197.860 χ^2/NDF : 13.4/13

In: 9717.329+/-4982.688 χ^2/NDF : 4.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6833.678+/-3197.860 χ^2/NDF : 13.4/13

asym_atr2_rms vs Slug, Sign Corrected



Right In: 7514.238+/-3.523 χ^2/NDF : 387537.2/5

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

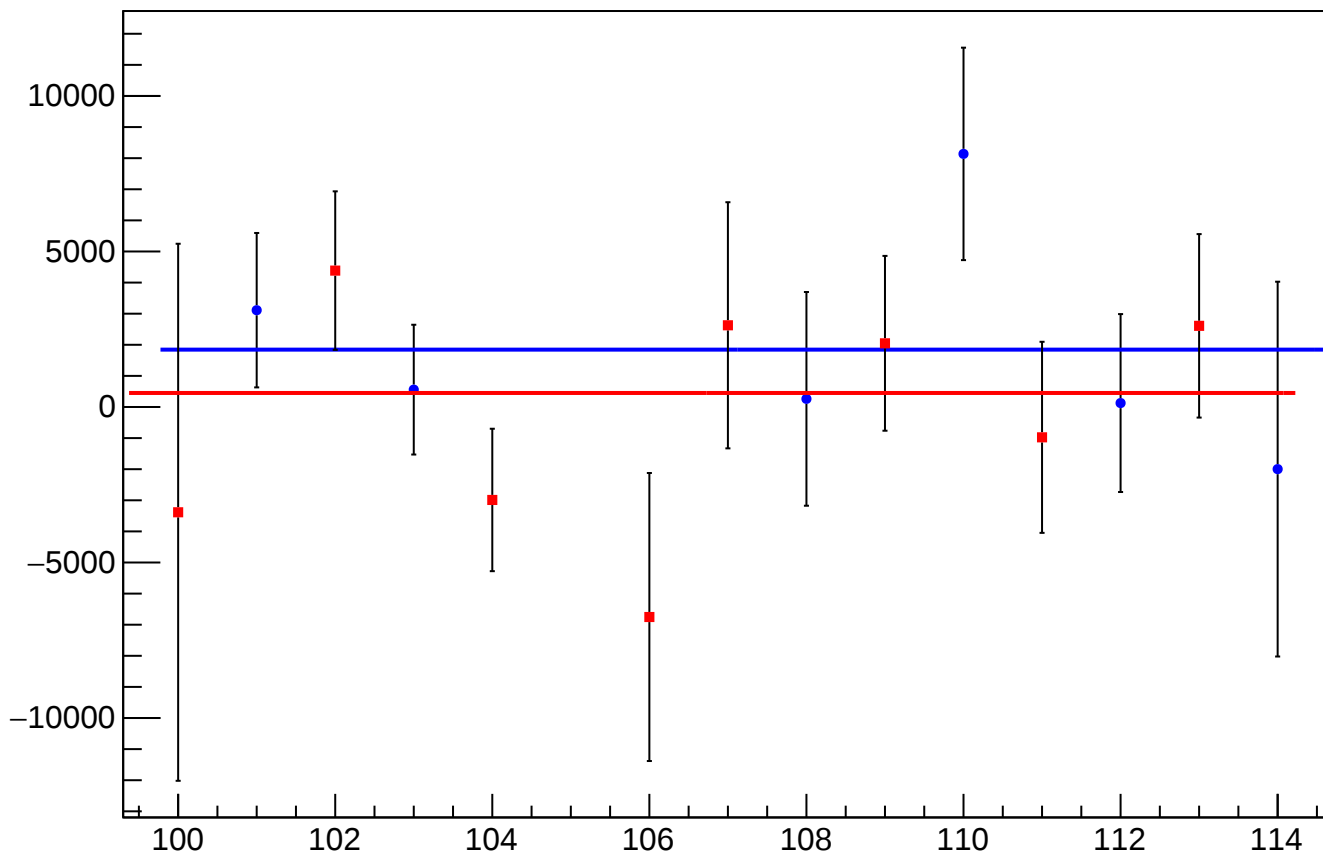
Right: 7178.300+/-2.261 χ^2/NDF : 813272.9/13

In: 7514.238+/-3.523 χ^2/NDF : 387537.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7178.300+/-2.261 χ^2/NDF : 813272.9/13

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1844.212+/-1184.941 χ^2/NDF : 5.0/5

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

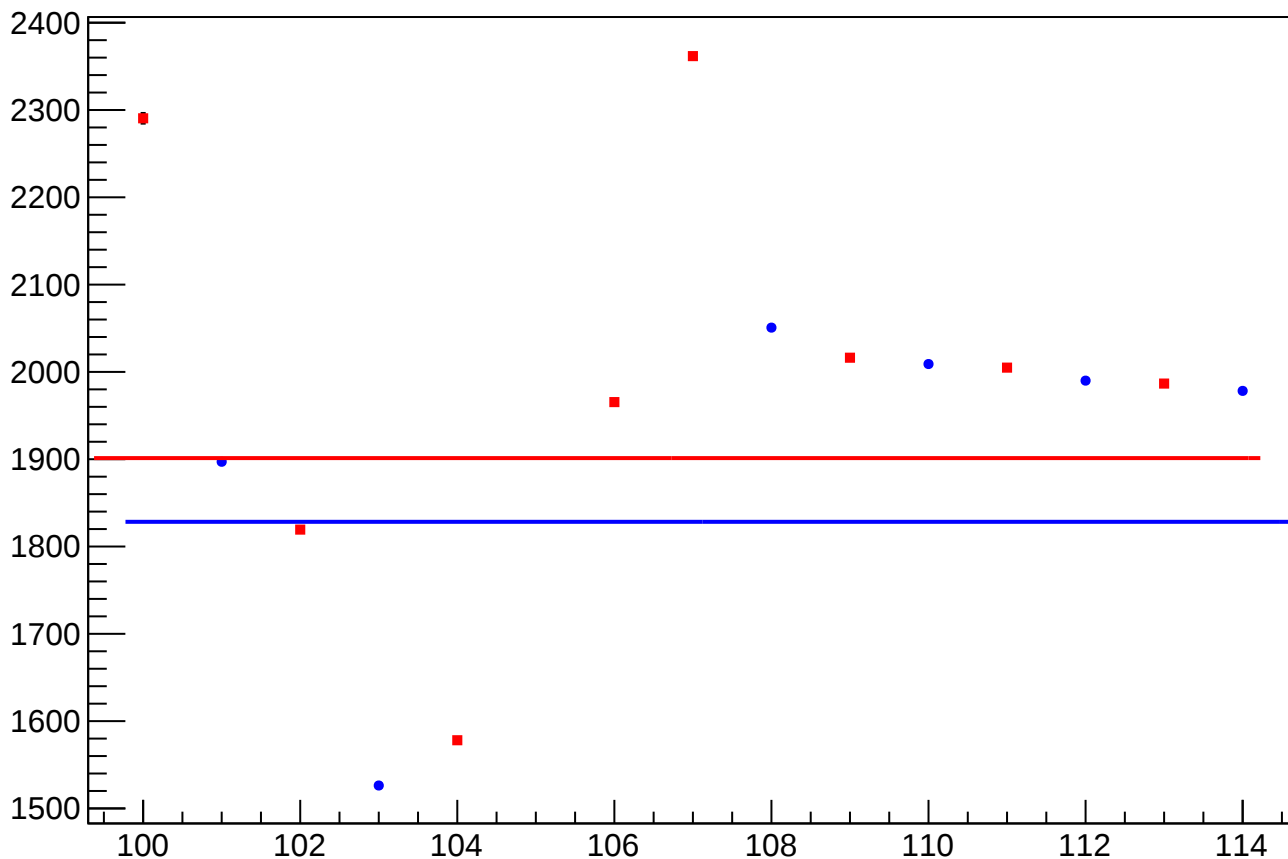
Right: 1100.126+/-808.887 χ^2/NDF : 14.4/13

In: 1844.212+/-1184.941 χ^2/NDF : 5.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1100.126+/-808.887 χ^2/NDF : 14.4/13

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1828.302+/-0.838 χ^2/NDF : 65069.2/5

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

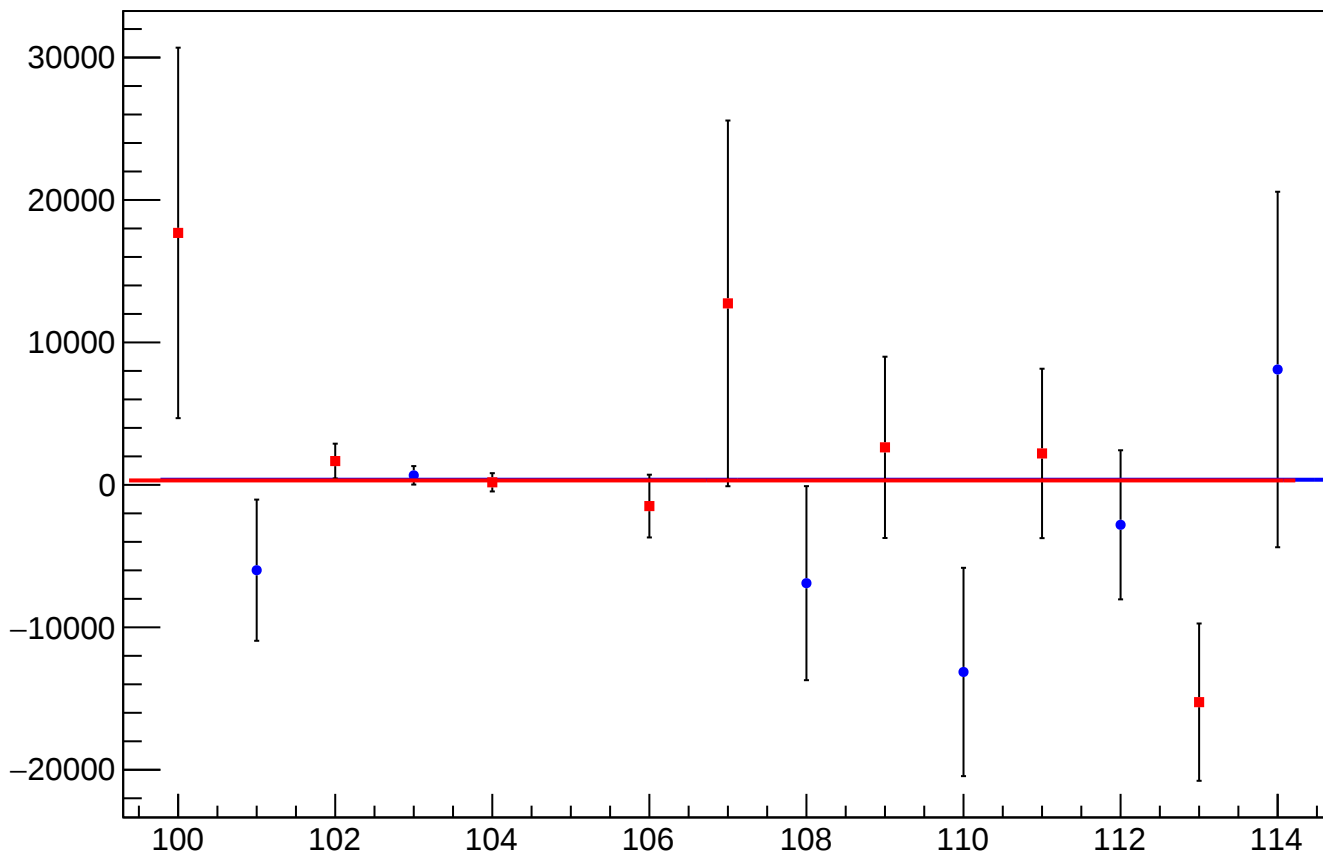
Right: 1867.712+/-0.568 χ^2/NDF : 150069.6/13

In: 1828.302+/-0.838 χ^2/NDF : 65069.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1867.712+/-0.568 χ^2/NDF : 150069.6/13

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 361.526+/-632.311 χ^2/NDF : 7.2/5

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

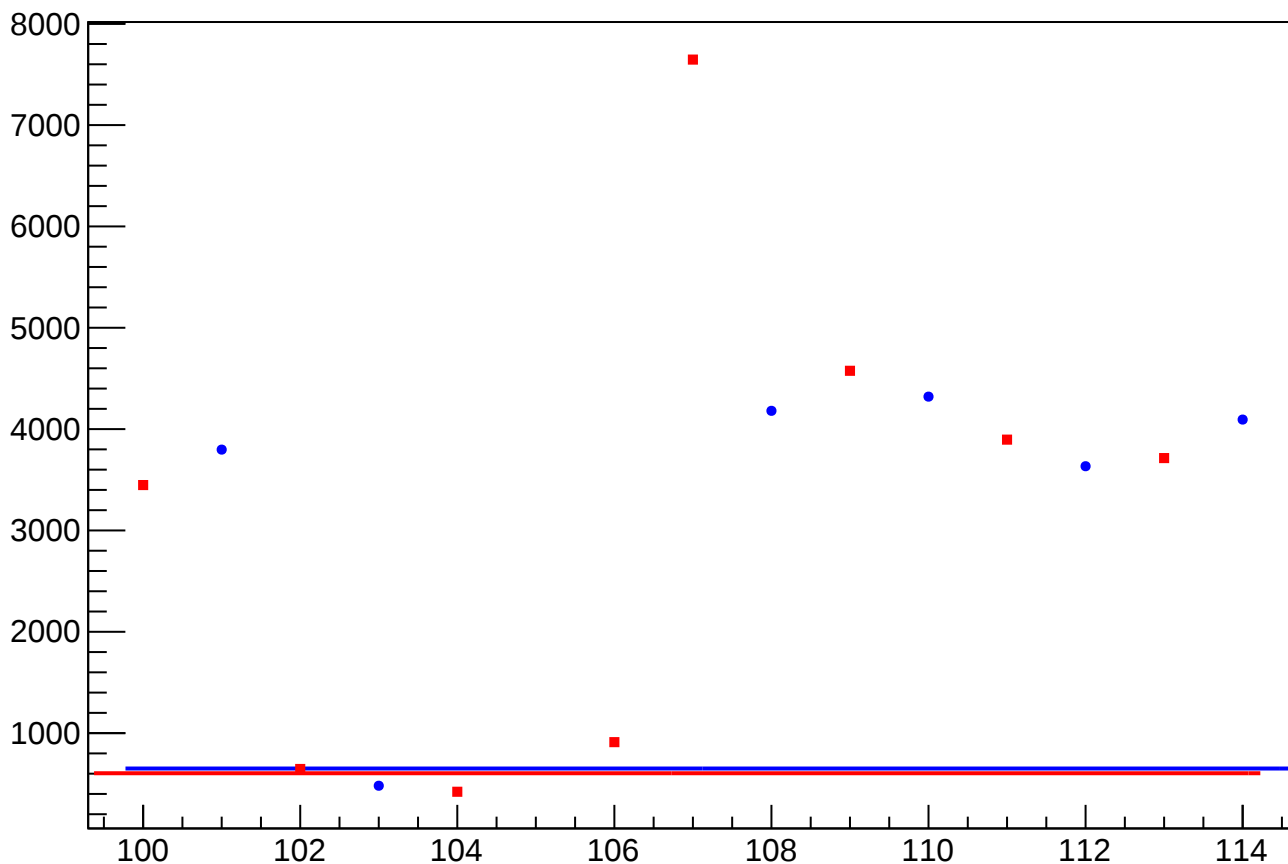
Right: 333.176+/-411.394 χ^2/NDF : 20.0/13

In: 361.526+/-632.311 χ^2/NDF : 7.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 333.176+/-411.394 χ^2/NDF : 20.0/13

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 650.853+/-0.447 χ^2/NDF : 2786666.7/5

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

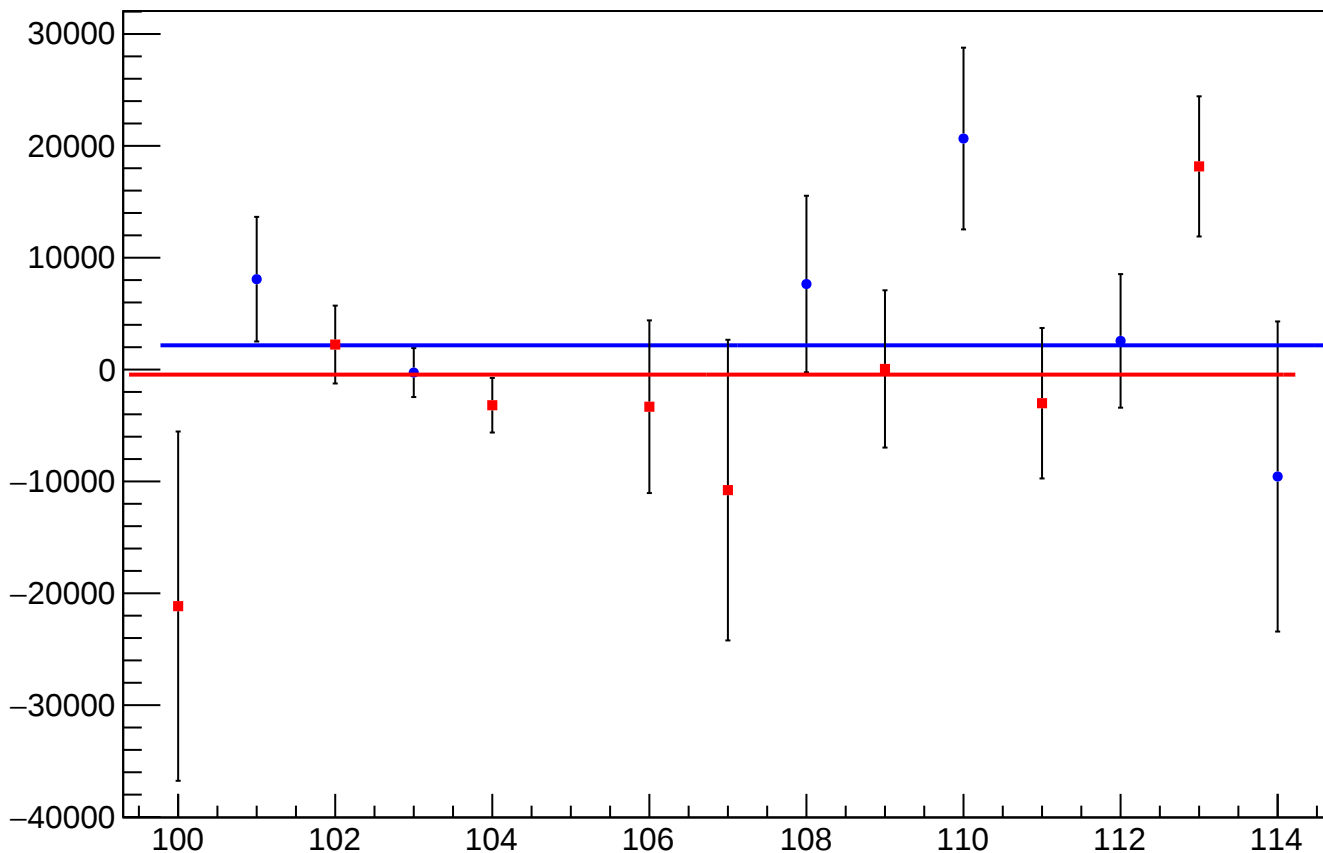
Right: 623.981+/-0.291 χ^2/NDF : 5720529.5/13

In: 650.853+/-0.447 χ^2/NDF : 2786666.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 623.981+/-0.291 χ^2/NDF : 5720529.5/13

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2168.879+/-1809.307 χ^2/NDF : 8.7/5

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

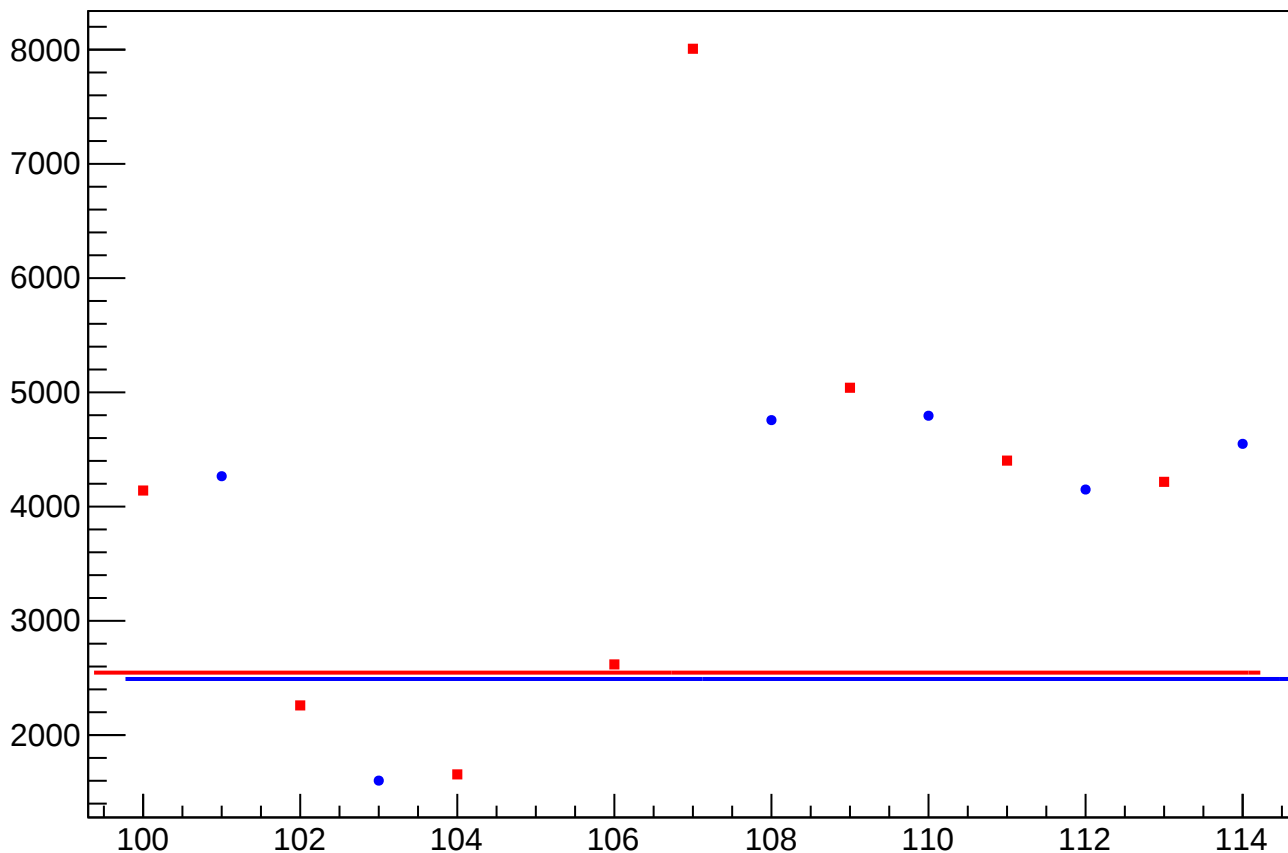
Right: 779.958+/-1240.129 χ^2/NDF : 23.2/13

In: 2168.879+/-1809.307 χ^2/NDF : 8.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 779.958+/-1240.129 χ^2/NDF : 23.2/13

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 2490.993+/-1.279 χ^2/NDF : 1057859.2/5

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

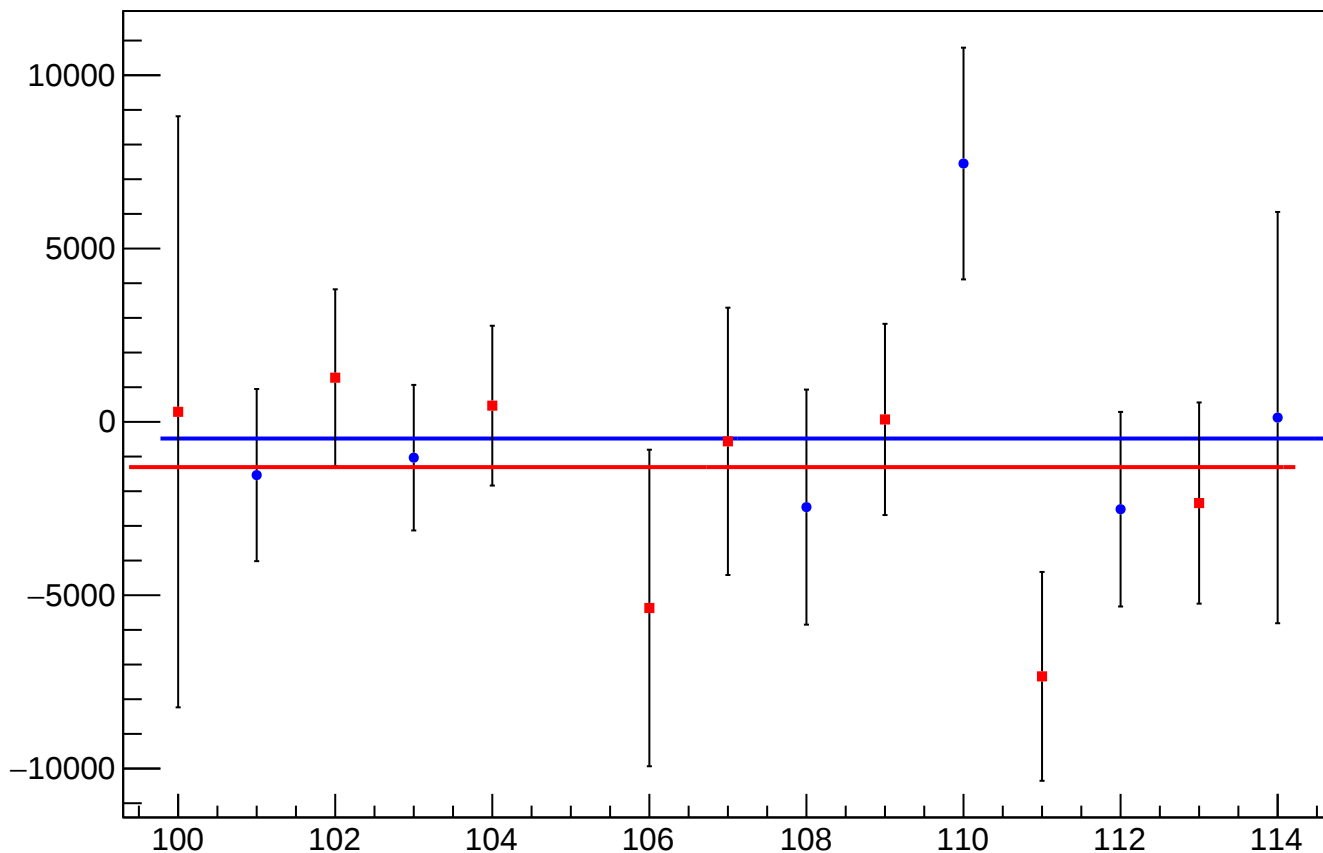
Right: 2521.196+/-0.865 χ^2/NDF : 2236413.2/13

In: 2490.993+/-1.279 χ^2/NDF : 1057859.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2521.196+/-0.865 χ^2/NDF : 2236413.2/13

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -479.873+/-1177.693 χ^2/NDF : 6.8/5

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

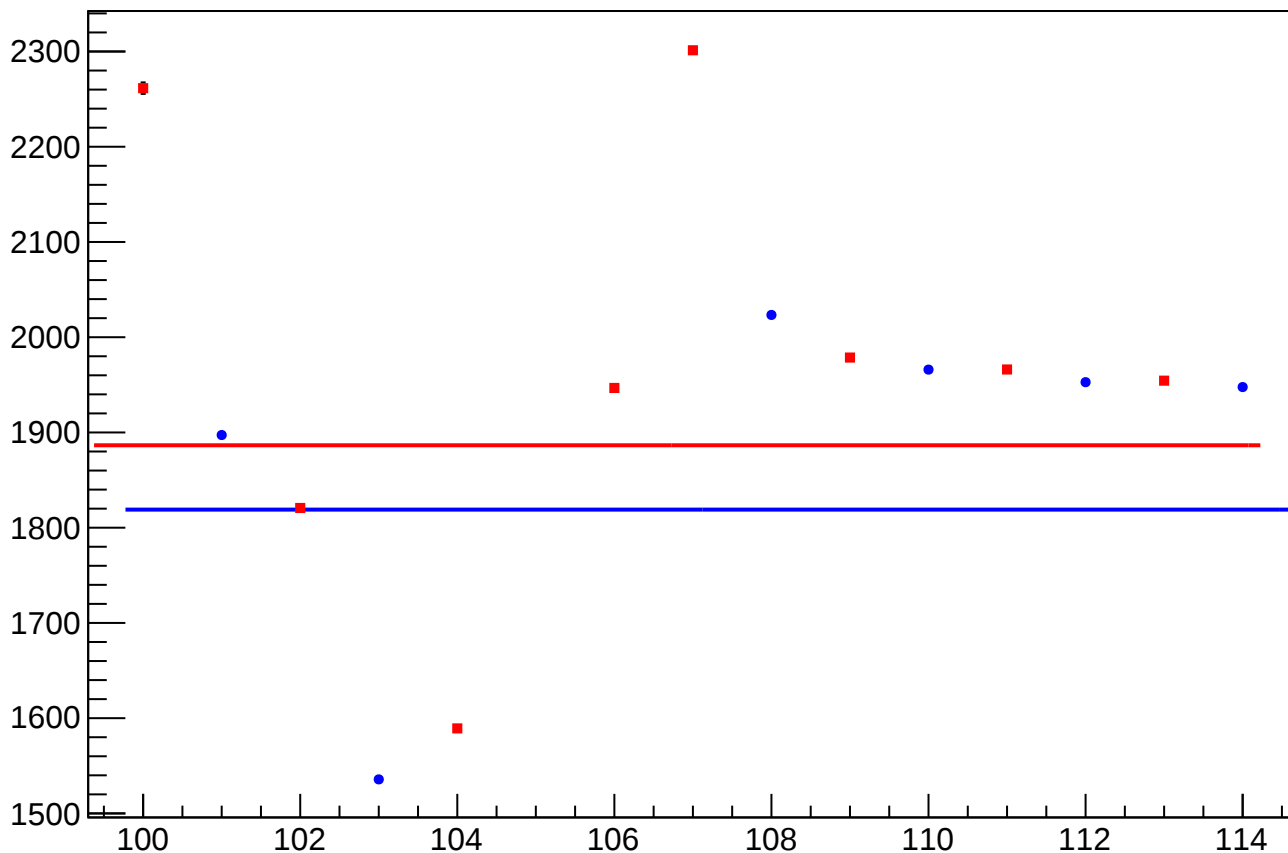
Right: -921.533+/-802.563 χ^2/NDF : 13.9/13

In: -479.873+/-1177.693 χ^2/NDF : 6.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -921.533+/-802.563 χ^2/NDF : 13.9/13

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1818.998 $\pm$ 0.833 χ^2 /NDF: 55028.7/5

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

Right Out: 1886.539 $\pm$ 0.766 χ^2 /NDF: 66827.2/7

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

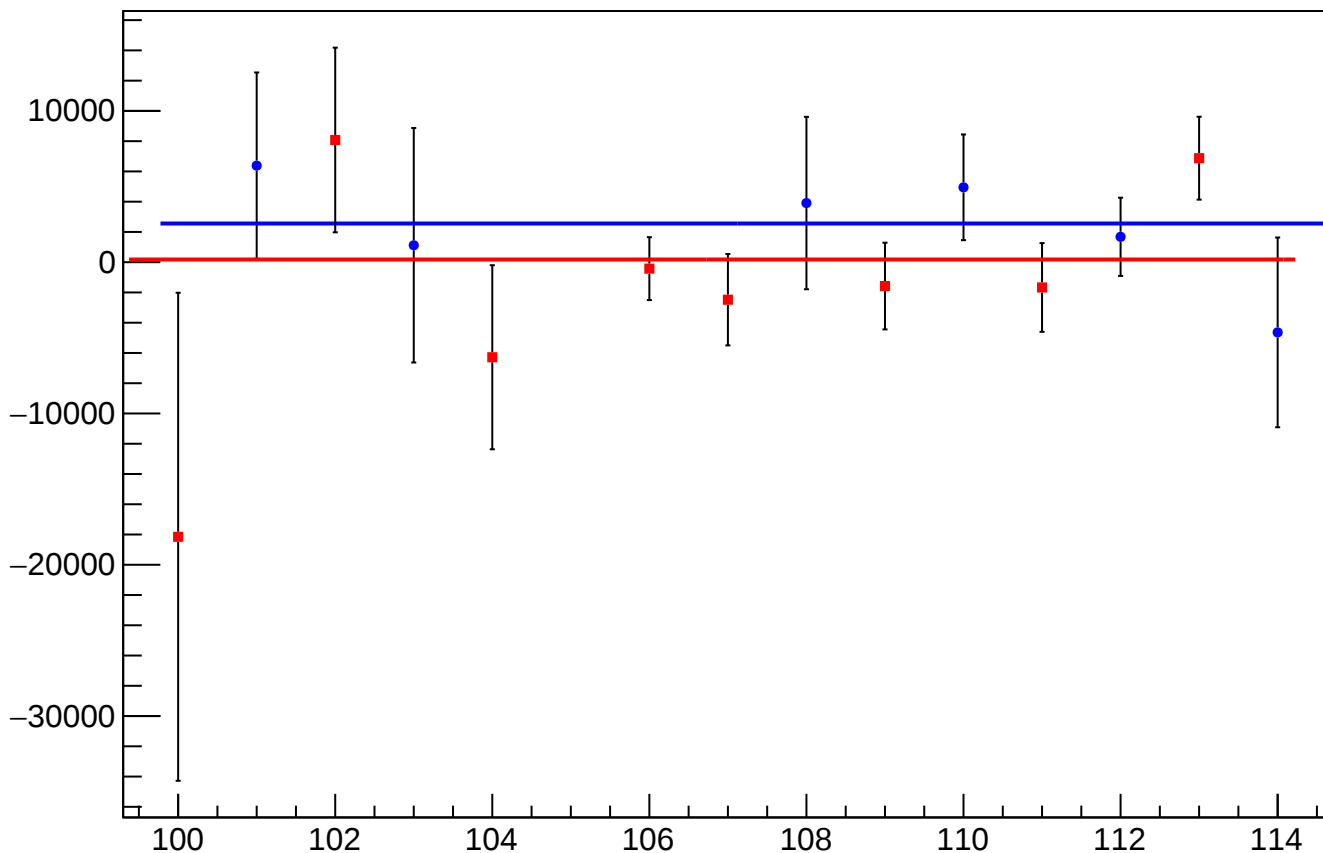
Right: 1855.570 $\pm$ 0.564 χ^2 /NDF: 125417.8/13

In: 1818.998 $\pm$ 0.833 χ^2 /NDF: 55028.7/5

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

All: 1855.570 $\pm$ 0.564 χ^2 /NDF: 125417.8/13

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 2557.140+/-1738.951 χ^2/NDF : 2.4/5

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

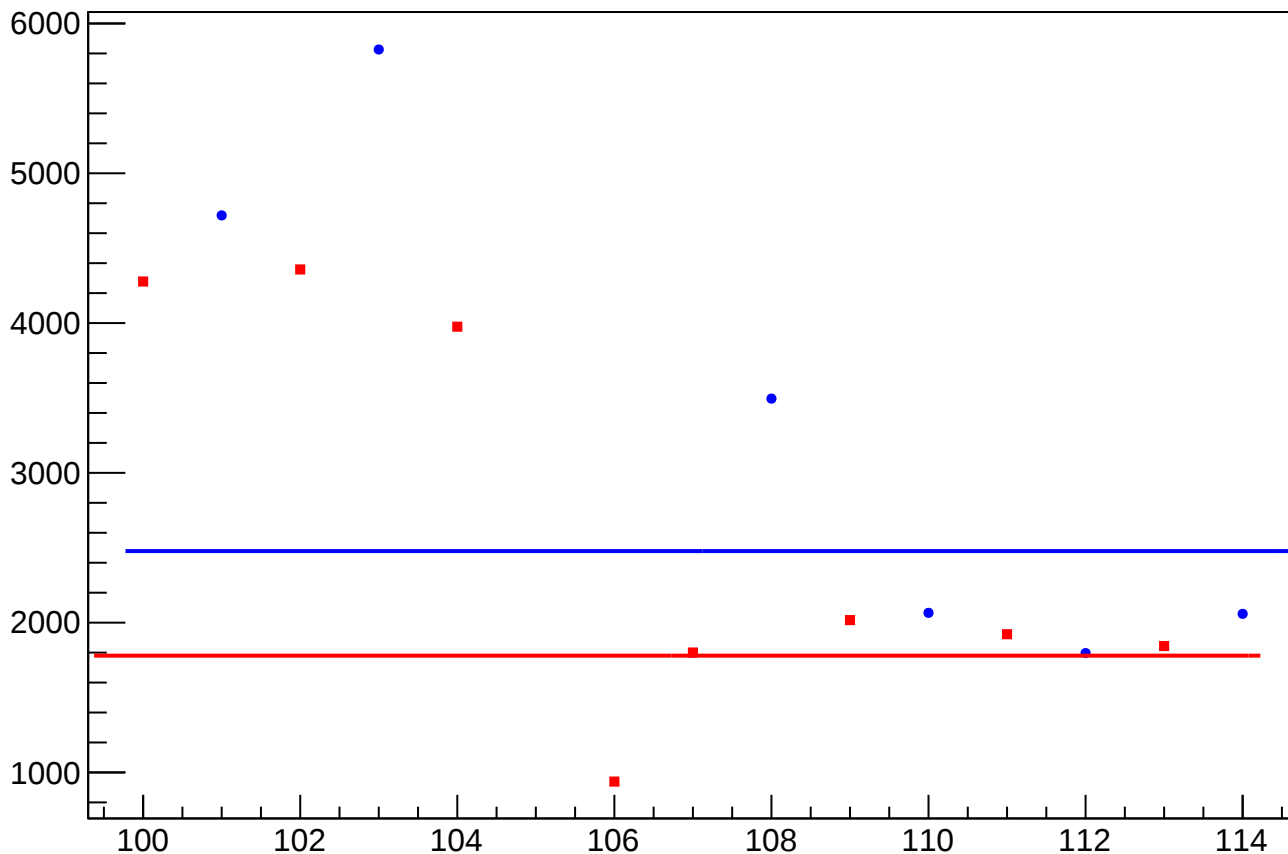
Right: 892.749+/-953.147 χ^2/NDF : 15.4/13

In: 2557.140+/-1738.951 χ^2/NDF : 2.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 892.749+/-953.147 χ^2/NDF : 15.4/13

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 2477.675+/-1.230 χ^2/NDF : 877506.7/5

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

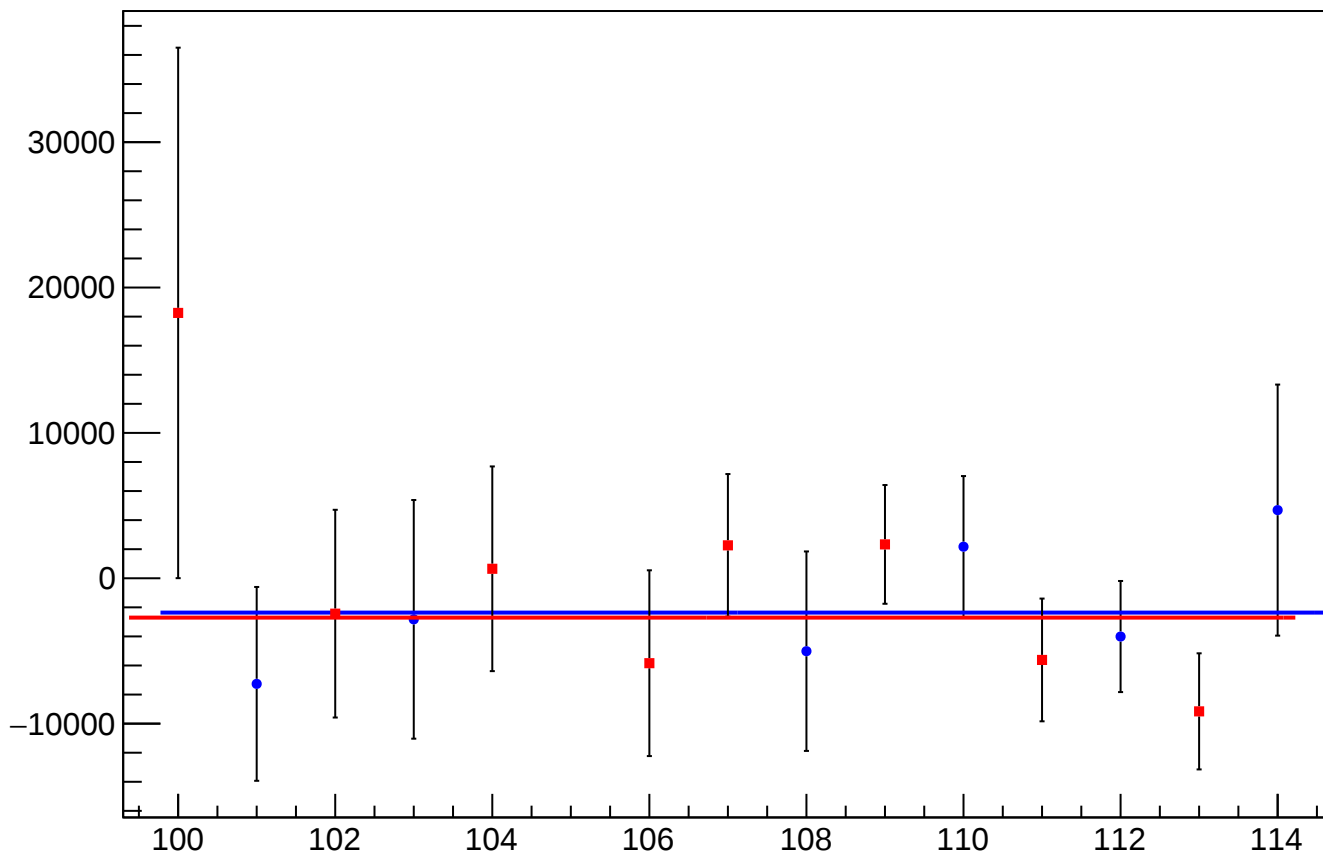
Right: 1989.381+/-0.674 χ^2/NDF : 2115357.3/13

In: 2477.675+/-1.230 χ^2/NDF : 877506.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1989.381+/-0.674 χ^2/NDF : 2115357.3/13

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -2360.989 ± 2338.827 χ^2/NDF : 2.4/5

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

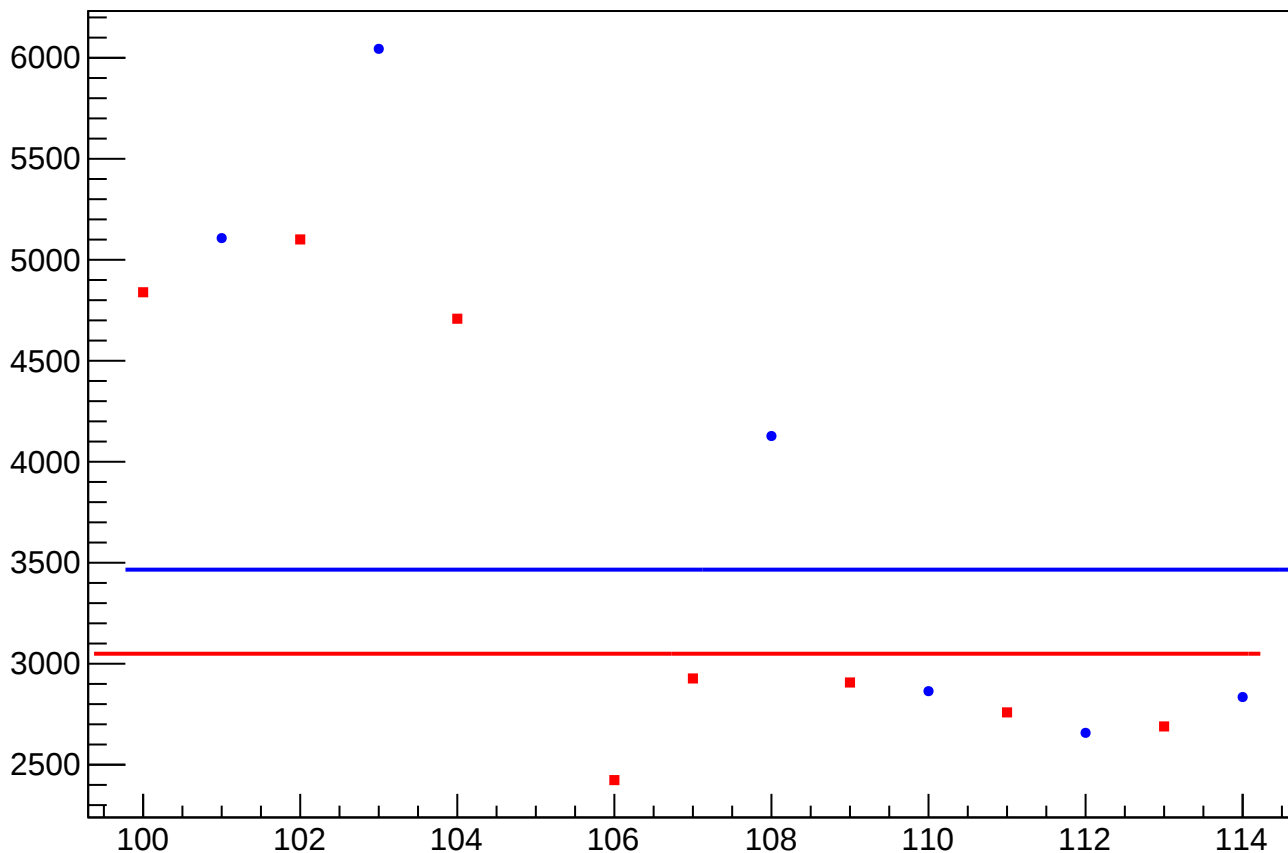
Right: -2571.965 ± 1458.023 χ^2/NDF : 9.9/13

In: -2360.989 ± 2338.827 χ^2/NDF : 2.4/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2571.965 ± 1458.023 χ^2/NDF : 9.9/13

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3465.815+/-1.654 χ^2/NDF : 467996.9/5

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

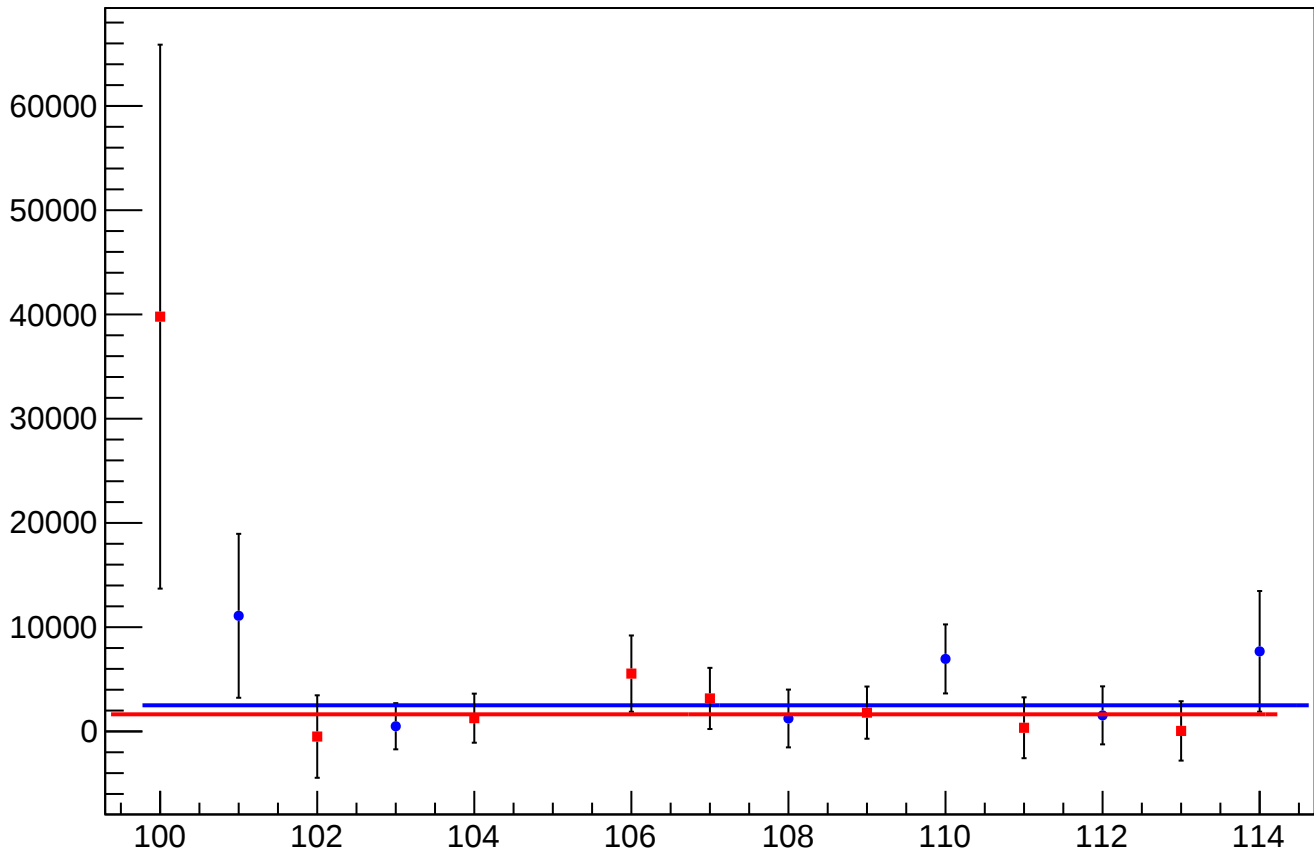
Right: 3205.374+/-1.012 χ^2/NDF : 865342.8/13

In: 3465.815+/-1.654 χ^2/NDF : 467996.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3205.374+/-1.012 χ^2/NDF : 865342.8/13

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2506.263+/-1290.540 χ^2/NDF : 4.9/5

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

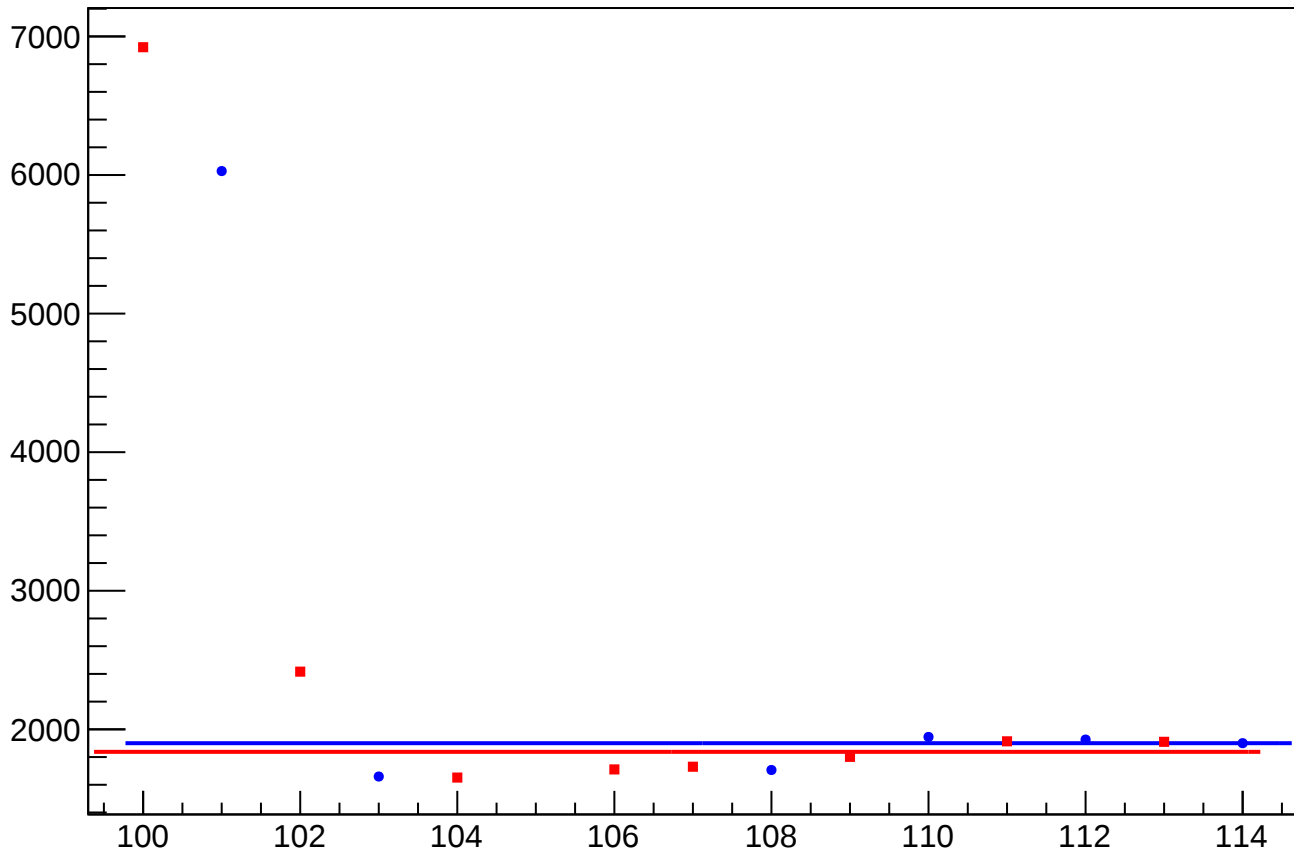
Right: 2002.282+/-834.081 χ^2/NDF : 9.6/13

In: 2506.263+/-1290.540 χ^2/NDF : 4.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2002.282+/-834.081 χ^2/NDF : 9.6/13

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1900.089+/-0.913 χ^2/NDF : 585241.0/5

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

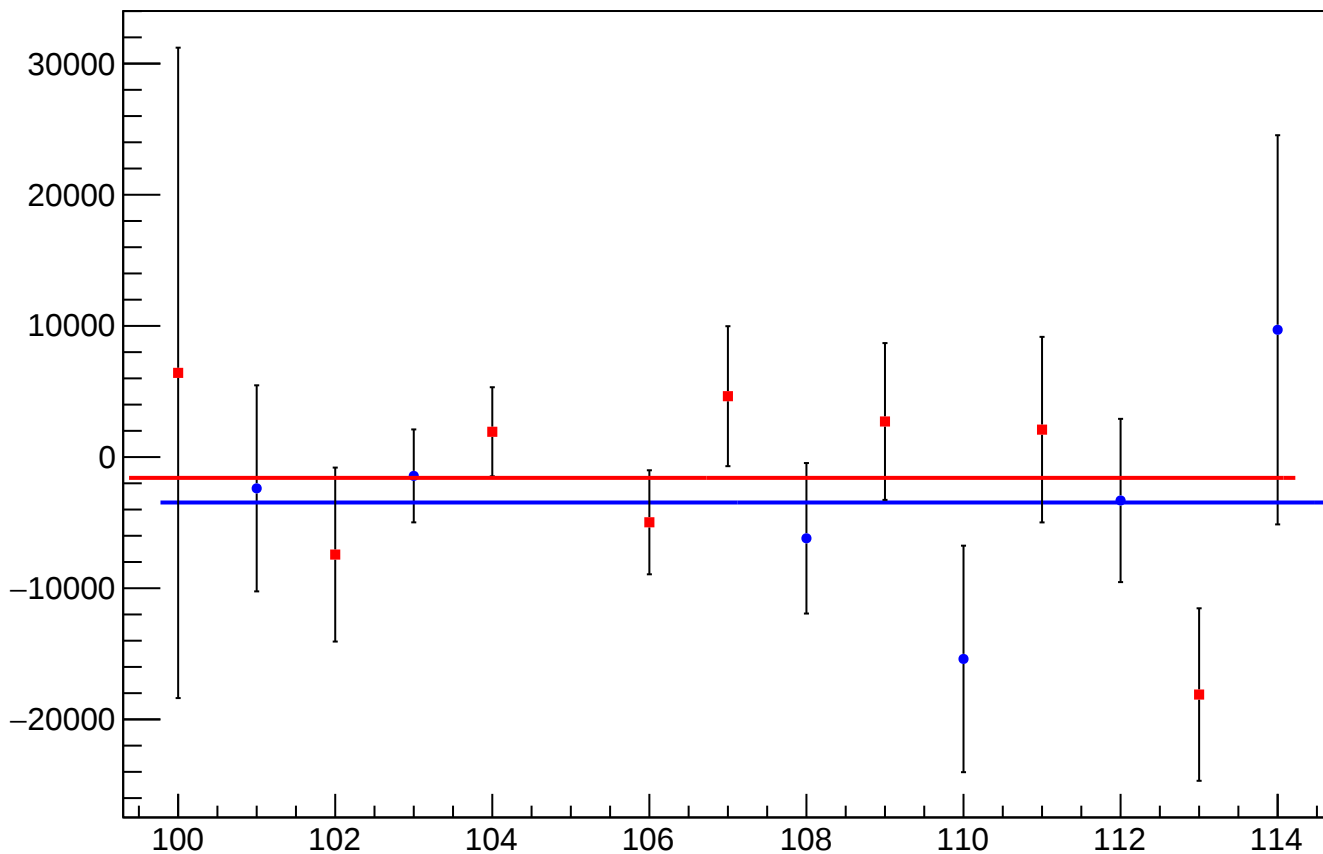
Right: 1863.535+/-0.588 χ^2/NDF : 727574.4/13

In: 1900.089+/-0.913 χ^2/NDF : 585241.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1863.535+/-0.588 χ^2/NDF : 727574.4/13

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -3463.199+/-2425.138 χ^2/NDF : 3.3/5

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

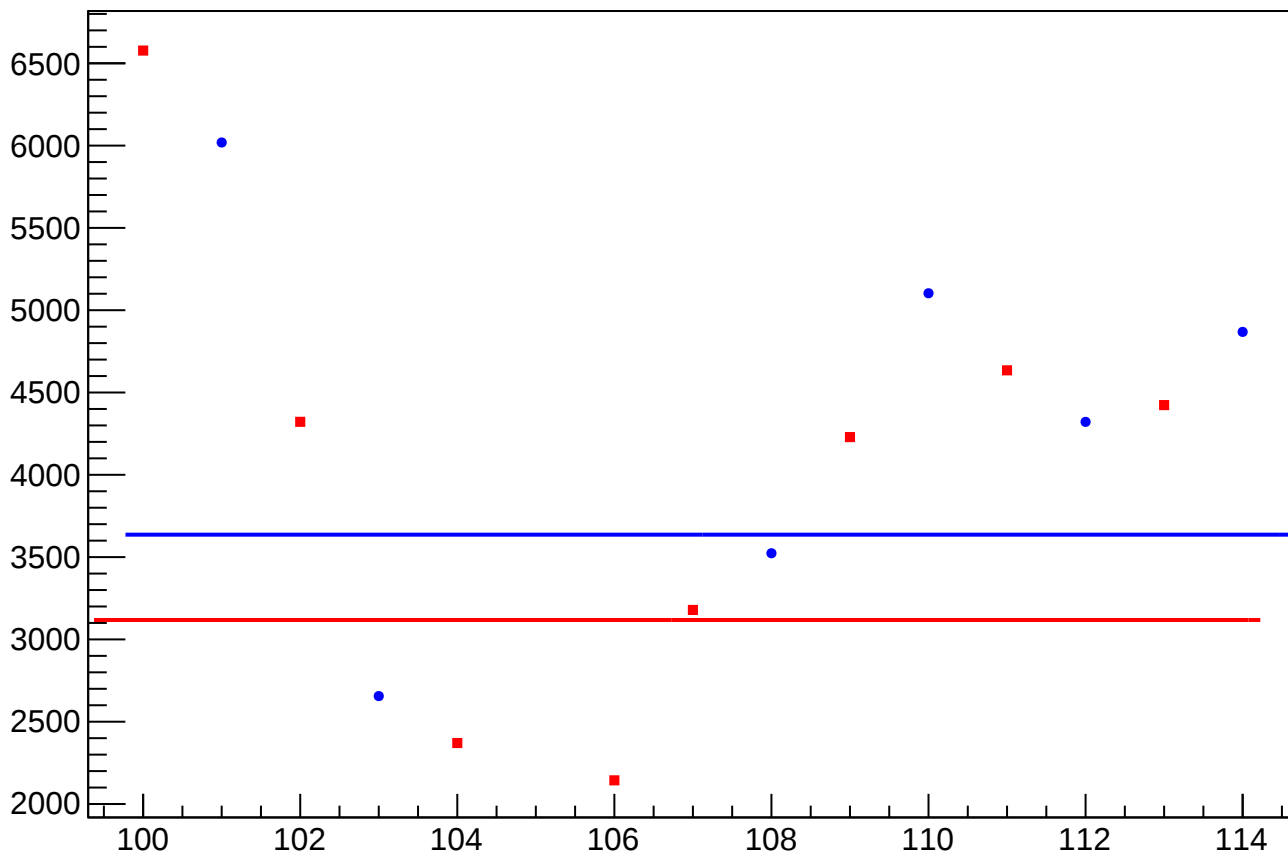
Right: -2293.799+/-1489.236 χ^2/NDF : 14.8/13

In: -3463.199+/-2425.138 χ^2/NDF : 3.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2293.799+/-1489.236 χ^2/NDF : 14.8/13

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 3636.339+/-1.715 χ^2/NDF : 433717.7/5

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

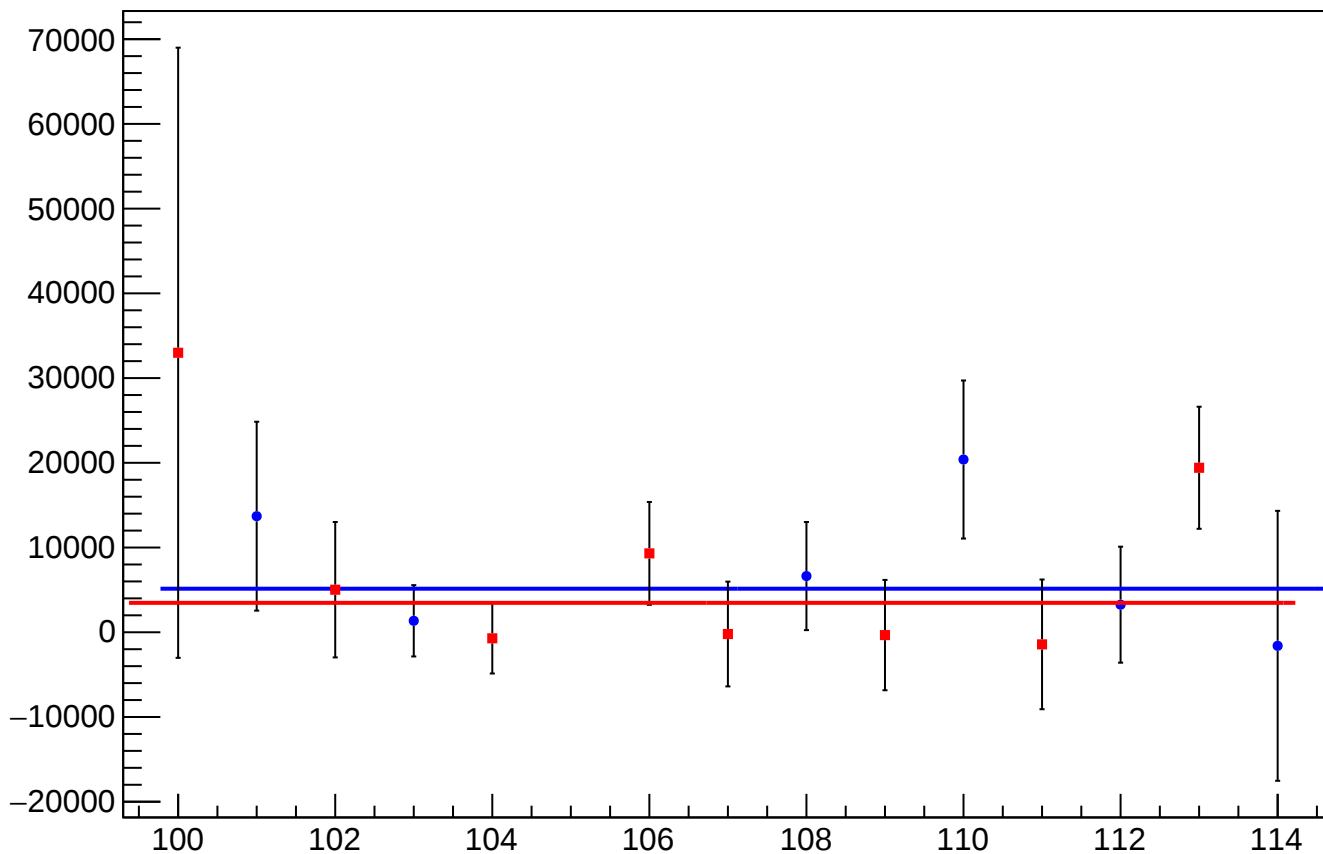
Right: 3313.468+/-1.053 χ^2/NDF : 1053187.7/13

In: 3636.339+/-1.715 χ^2/NDF : 433717.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3313.468+/-1.053 χ^2/NDF : 1053187.7/13

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 5141.588+/-2818.945 χ^2/NDF : 4.4/5

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

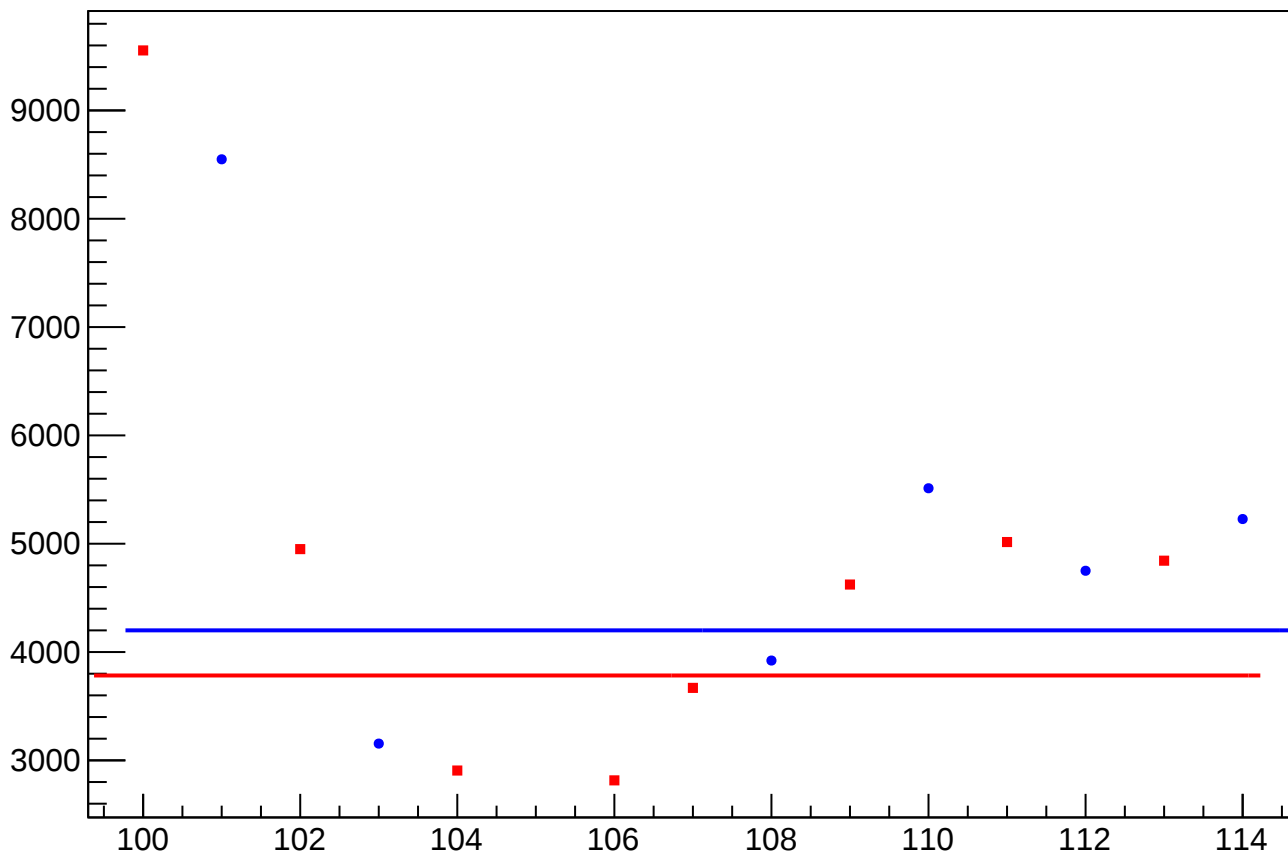
Right: 4142.770+/-1785.858 χ^2/NDF : 13.2/13

In: 5141.588+/-2818.945 χ^2/NDF : 4.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4142.770+/-1785.858 χ^2/NDF : 13.2/13

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4200.193+/-1.993 χ^2/NDF : 492393.9/5

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

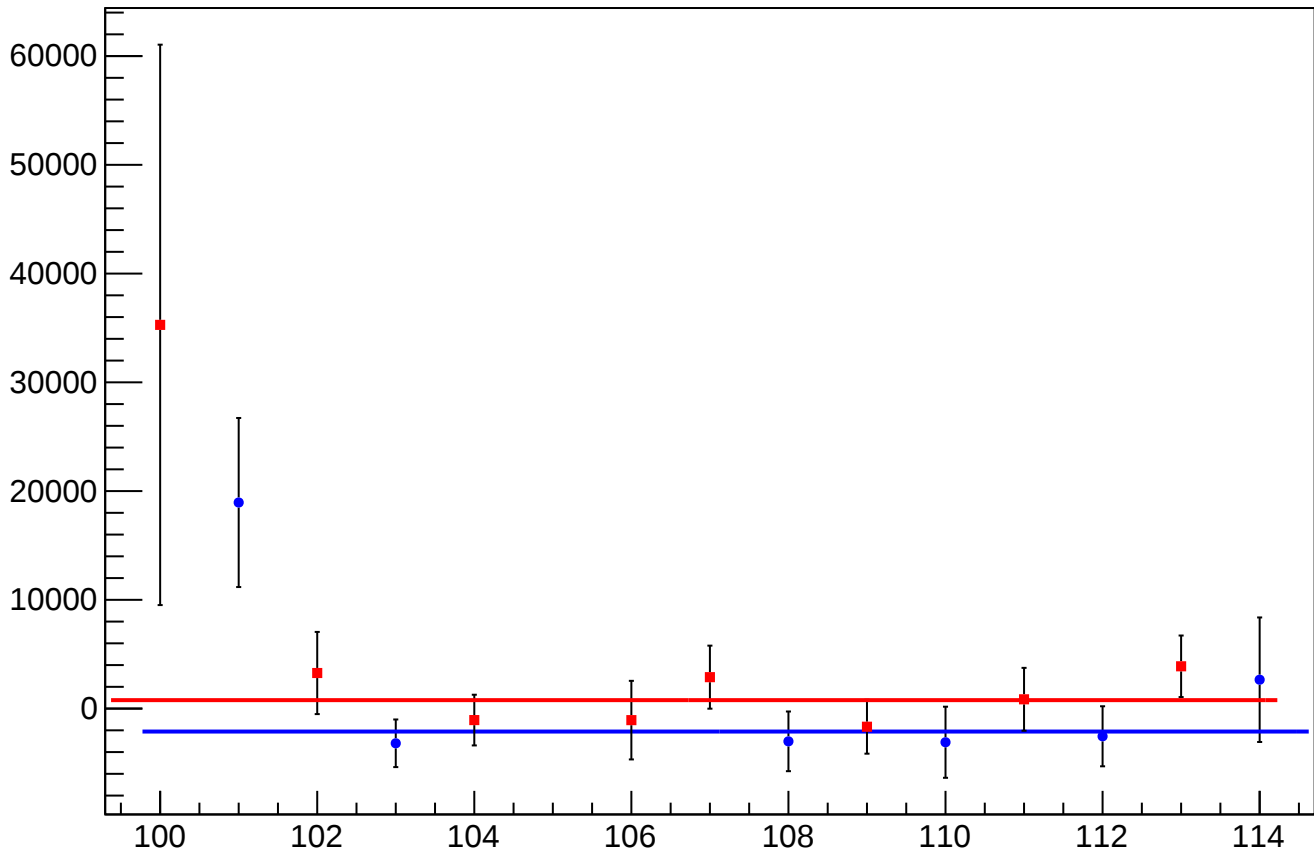
Right: 3948.736+/-1.255 χ^2/NDF : 889391.1/13

In: 4200.193+/-1.993 χ^2/NDF : 492393.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3948.736+/-1.255 χ^2/NDF : 889391.1/13

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2111.889+/-1277.109 χ^2/NDF : 8.5/5

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

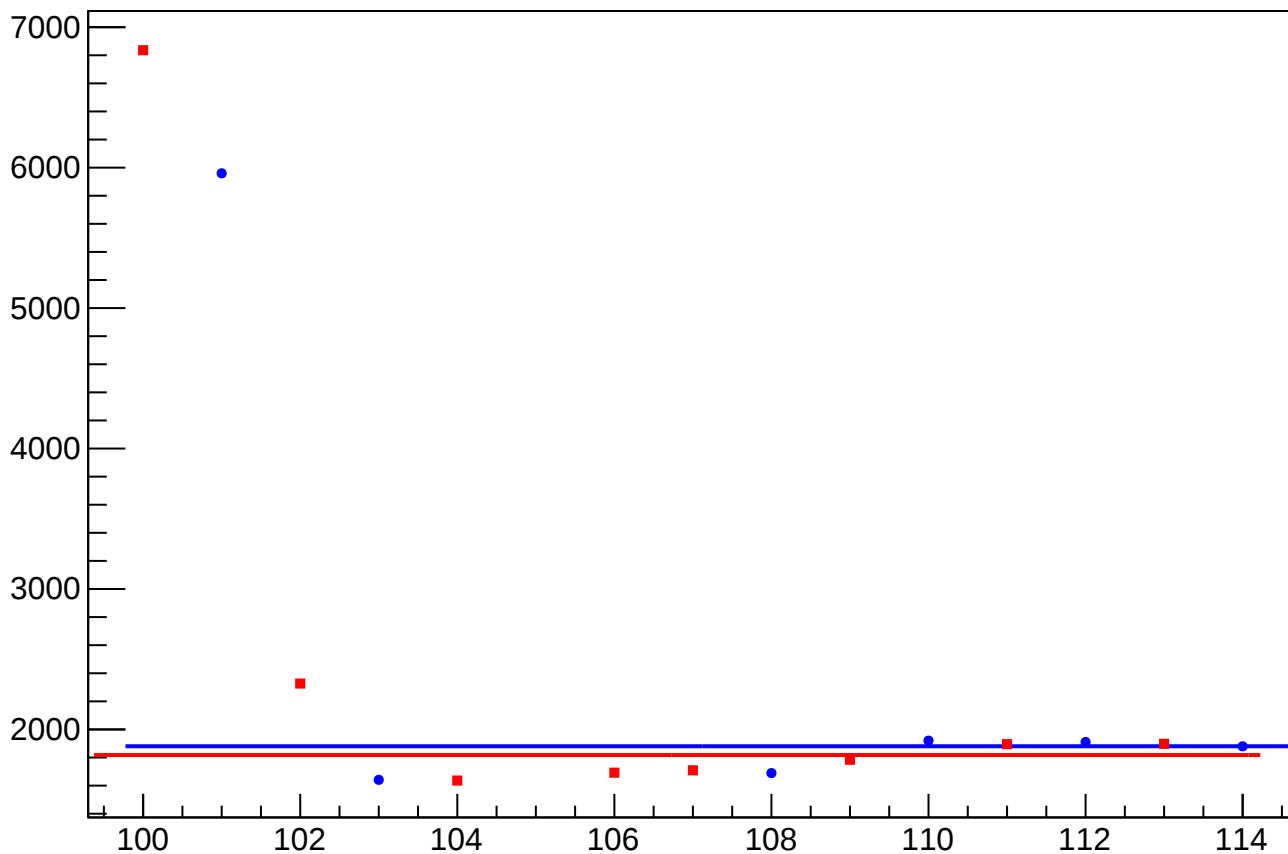
Right: -427.230+/-824.345 χ^2/NDF : 17.3/13

In: -2111.889+/-1277.109 χ^2/NDF : 8.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -427.230+/-824.345 χ^2/NDF : 17.3/13

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1880.319+/-0.903 χ^2/NDF : 584882.1/5

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

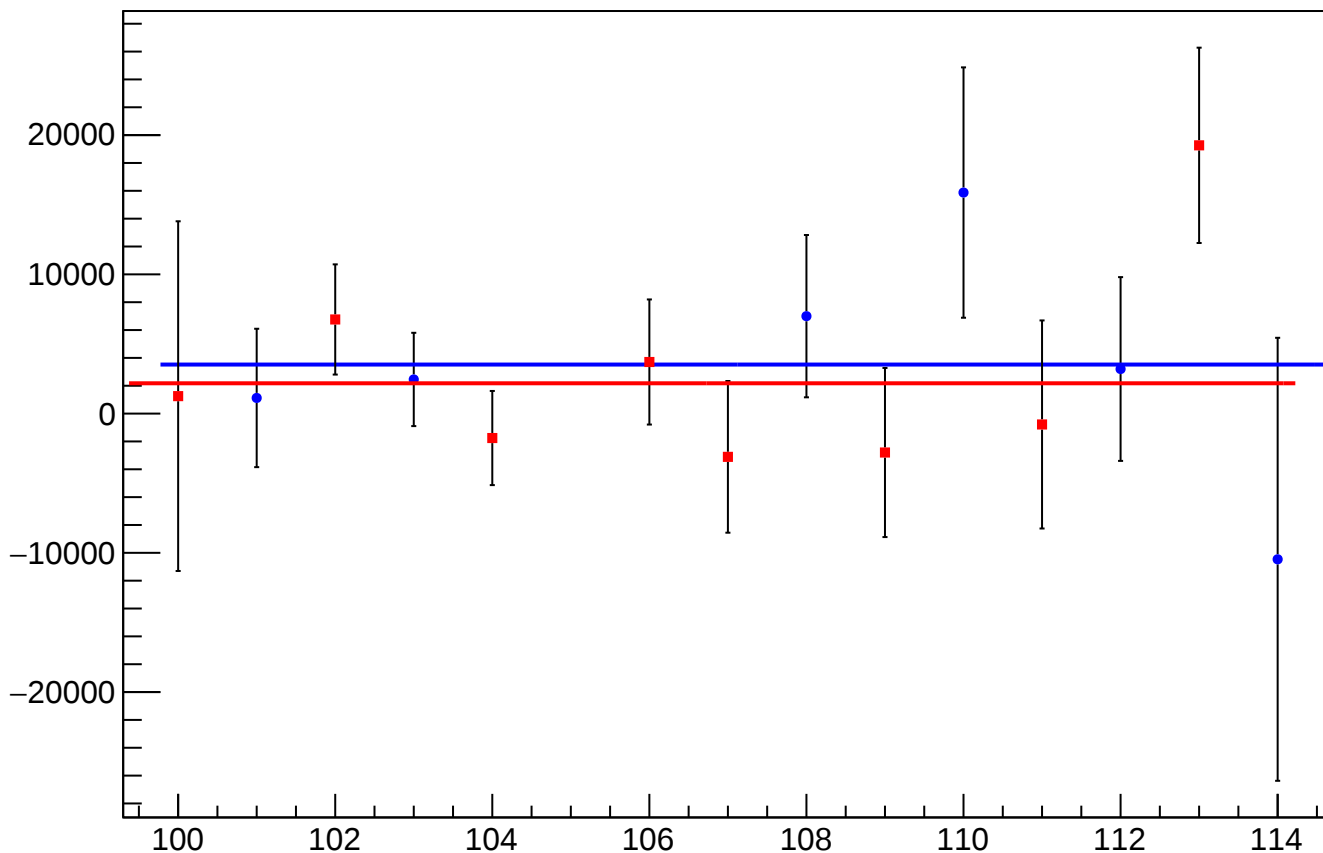
Right: 1843.603+/-0.581 χ^2/NDF : 720949.2/13

In: 1880.319+/-0.903 χ^2/NDF : 584882.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1843.603+/-0.581 χ^2/NDF : 720949.2/13

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 3522.208+/-2245.558 χ^2/NDF : 3.4/5

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

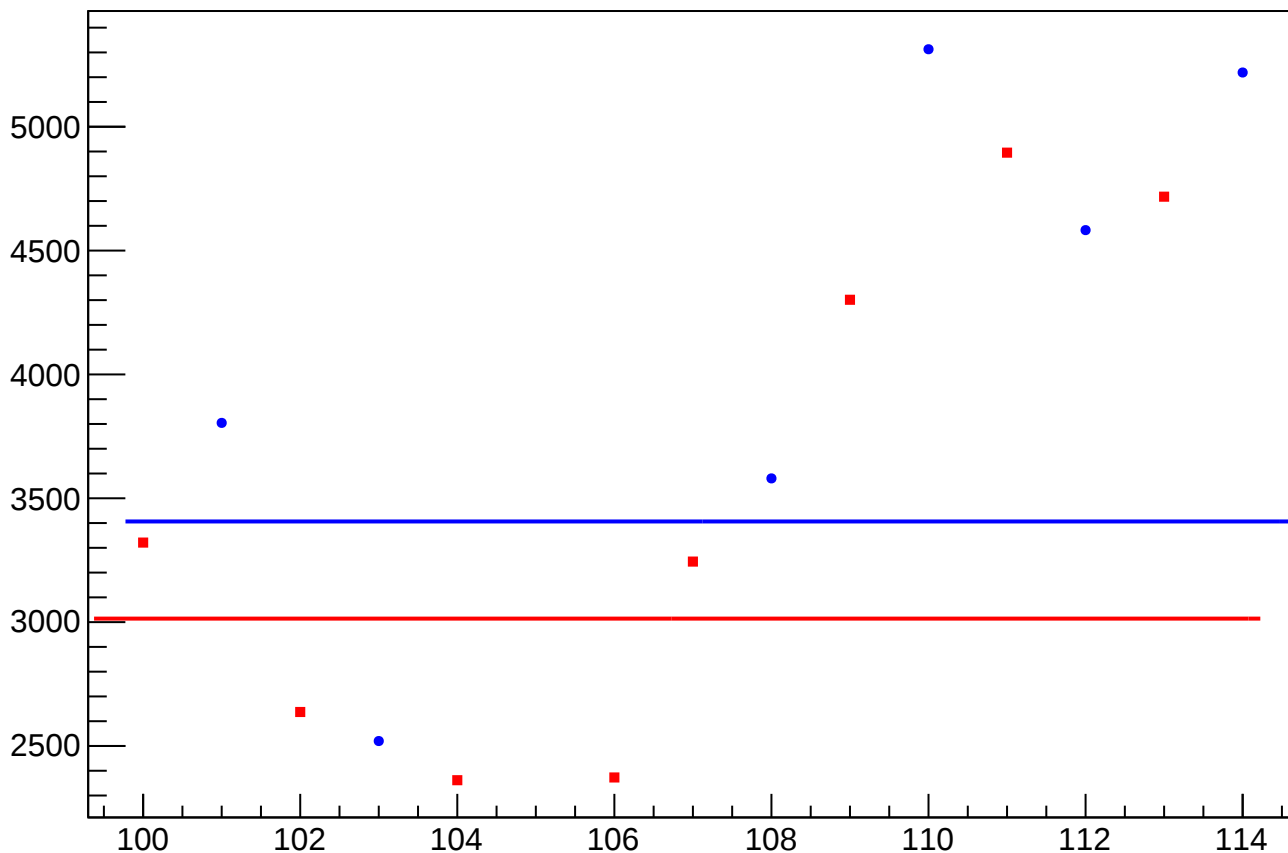
Right: 2705.593+/-1407.748 χ^2/NDF : 14.1/13

In: 3522.208+/-2245.558 χ^2/NDF : 3.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2705.593+/-1407.748 χ^2/NDF : 14.1/13

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 3406.422+/-1.588 χ^2/NDF : 334065.8/5

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

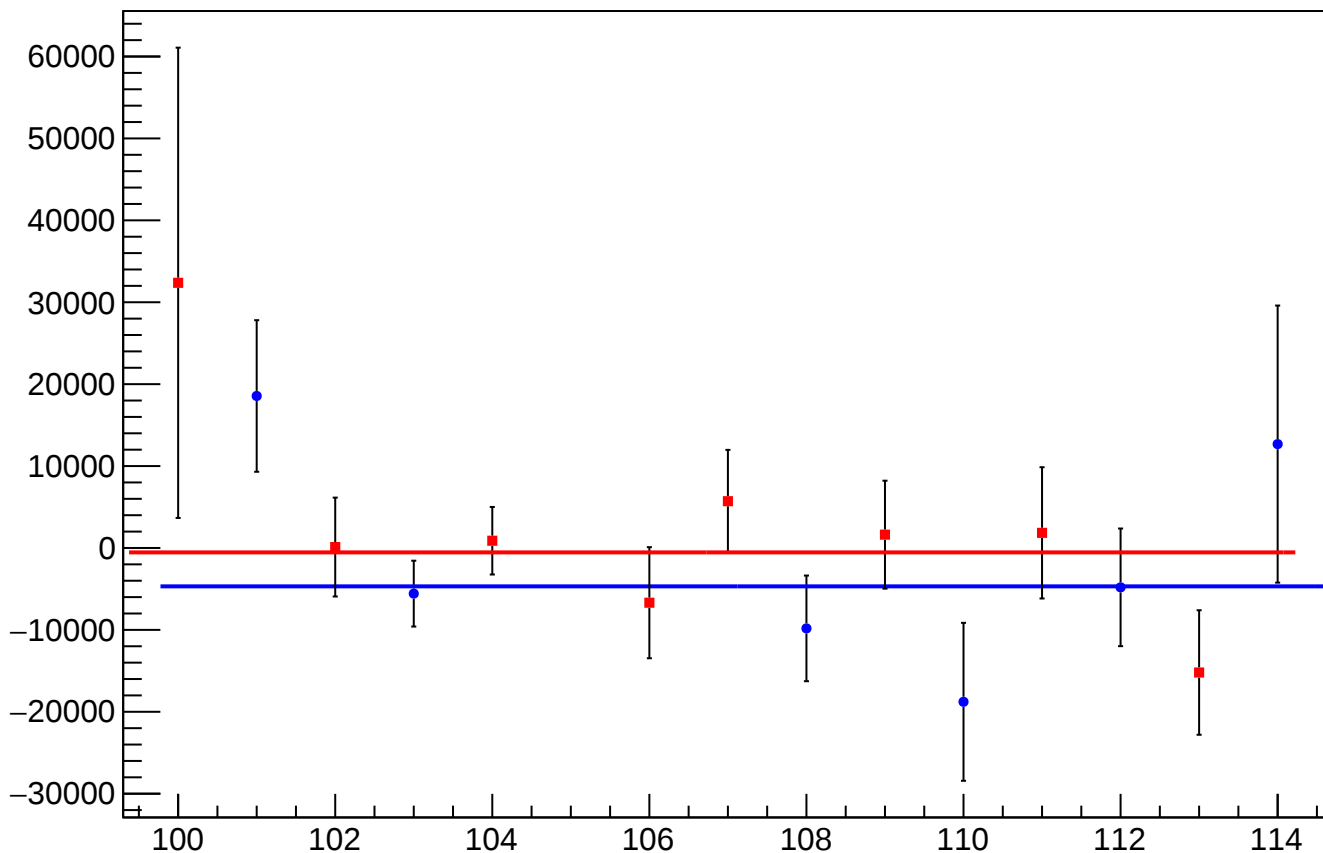
Right: 3168.362+/-0.995 χ^2/NDF : 843860.1/13

In: 3406.422+/-1.588 χ^2/NDF : 334065.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3168.362+/-0.995 χ^2/NDF : 843860.1/13

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -4686.024+/-2760.463 χ^2/NDF : 10.2/5

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

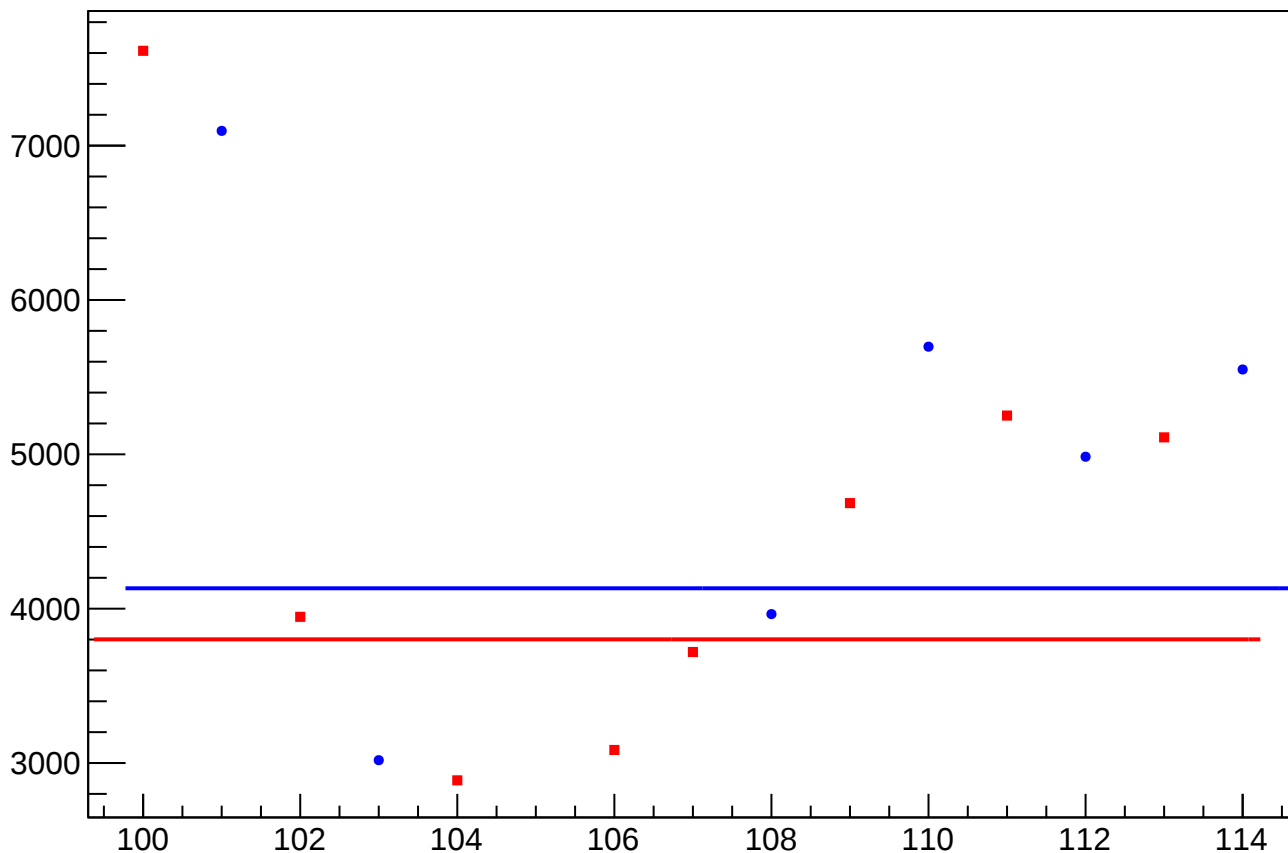
Right: -2229.764+/-1762.729 χ^2/NDF : 18.7/13

In: -4686.024+/-2760.463 χ^2/NDF : 10.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2229.764+/-1762.729 χ^2/NDF : 18.7/13

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4132.050+/-1.952 χ^2/NDF : 454919.8/5

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

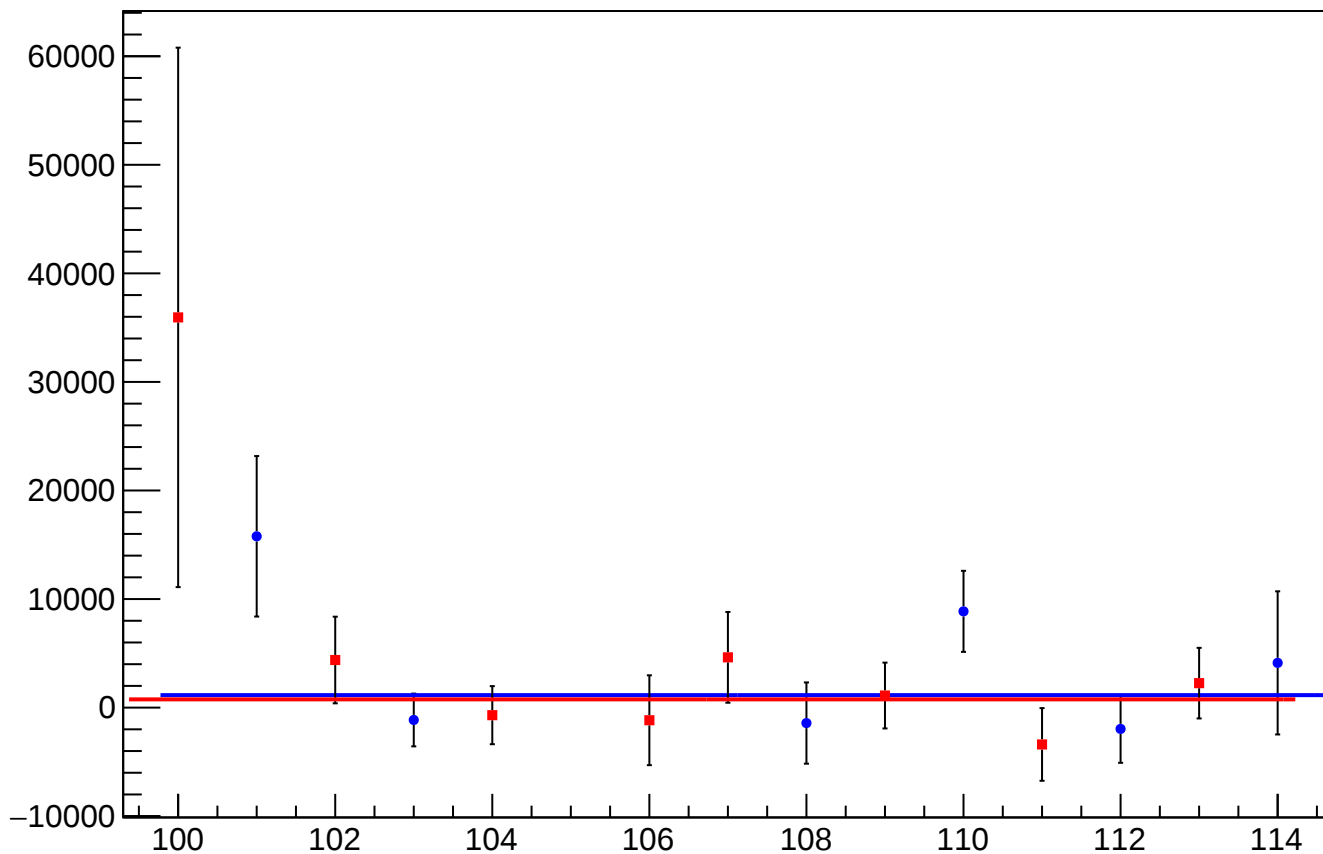
Right: 3934.487+/-1.239 χ^2/NDF : 794041.0/13

In: 4132.050+/-1.952 χ^2/NDF : 454919.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3934.487+/-1.239 χ^2/NDF : 794041.0/13

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1149.432+/-1480.412 χ^2/NDF : 10.7/5

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

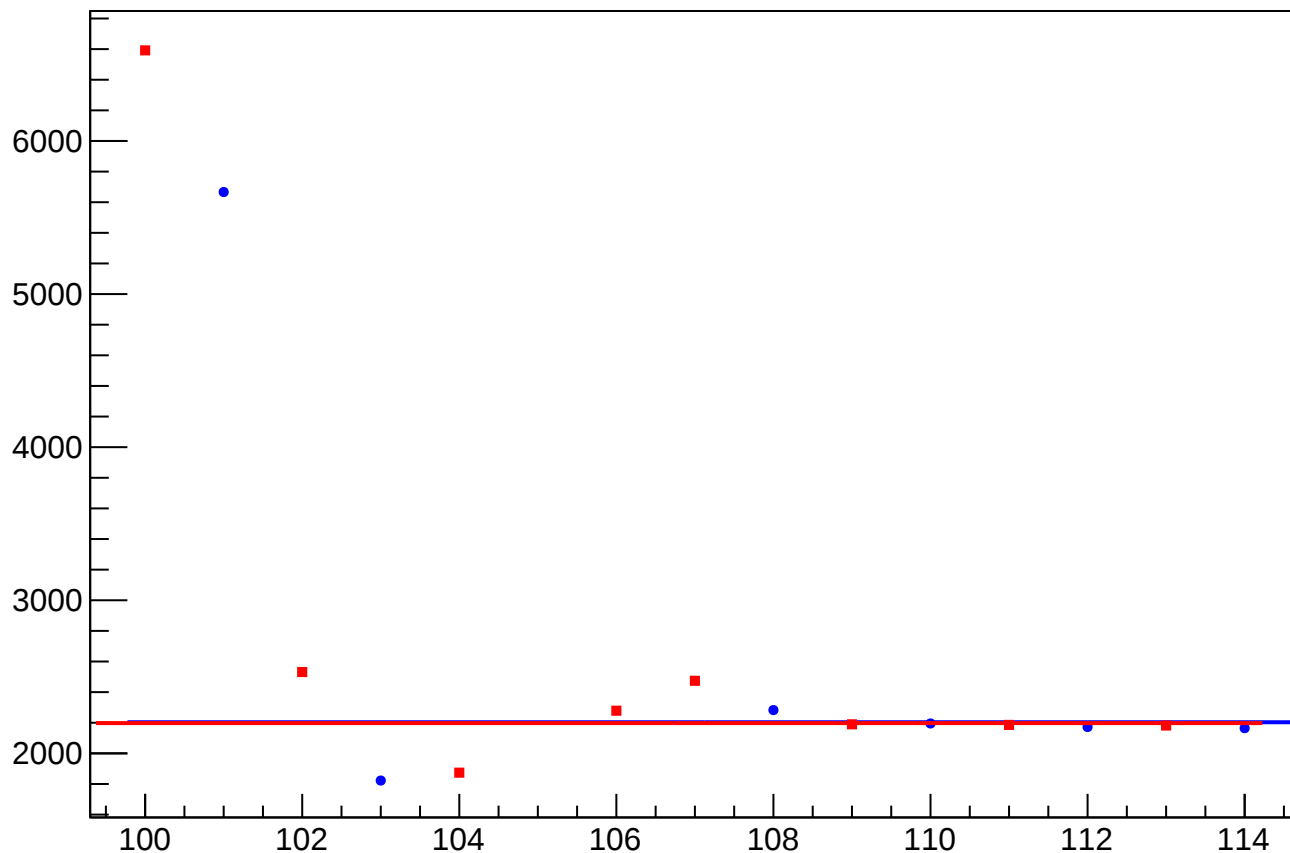
Right: 925.749+/-967.347 χ^2/NDF : 16.8/13

In: 1149.432+/-1480.412 χ^2/NDF : 10.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 925.749+/-967.347 χ^2/NDF : 16.8/13

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2203.296+/-1.047 χ^2/NDF : 489239.7/5

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

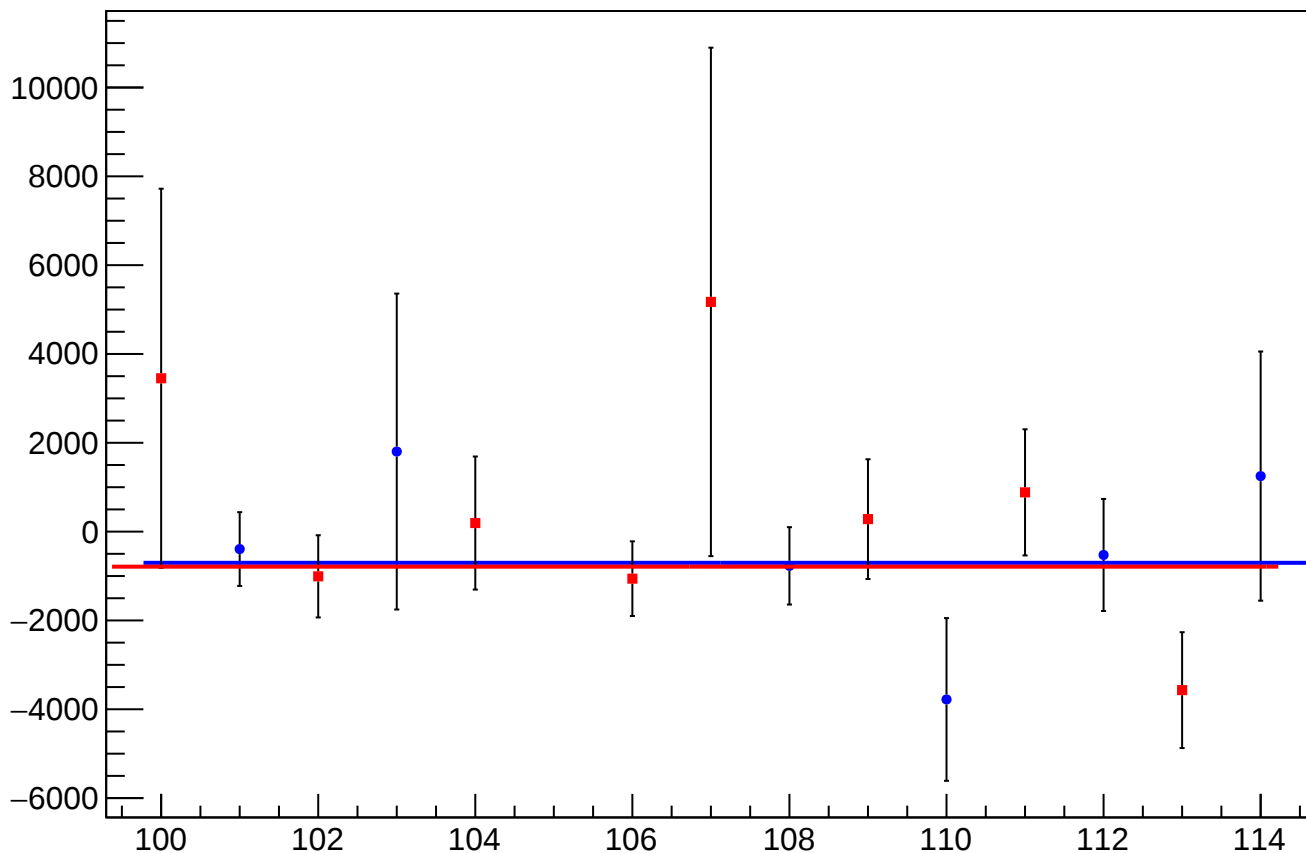
Right: 2200.080+/-0.684 χ^2/NDF : 604692.7/13

In: 2203.296+/-1.047 χ^2/NDF : 489239.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2200.080+/-0.684 χ^2/NDF : 604692.7/13

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -702.345+/-506.273 χ^2/NDF : 4.0/5

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

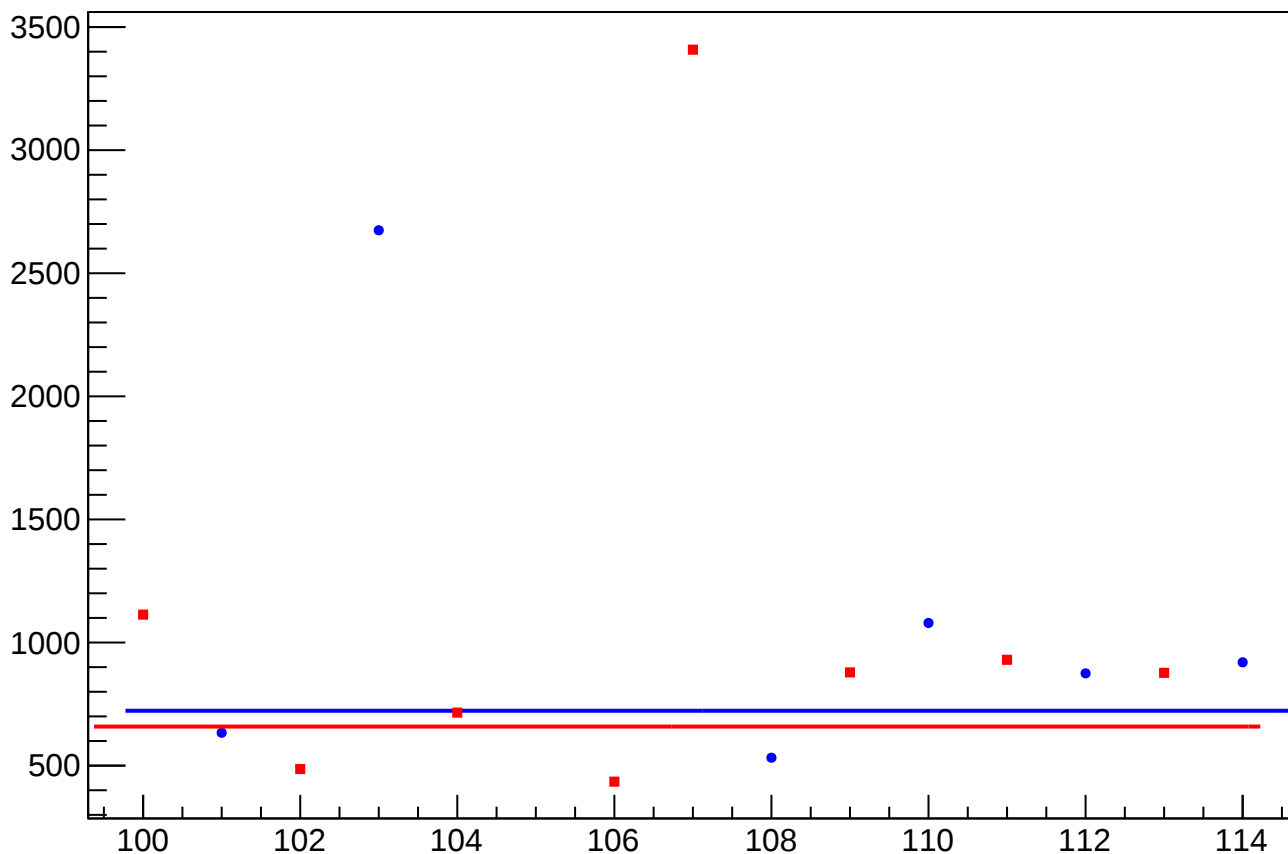
Right: -749.822+/-340.025 χ^2/NDF : 13.2/13

In: -702.345+/-506.273 χ^2/NDF : 4.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -749.822+/-340.025 χ^2/NDF : 13.2/13

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 722.872+/-0.358 χ^2/NDF : 836020.6/5

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

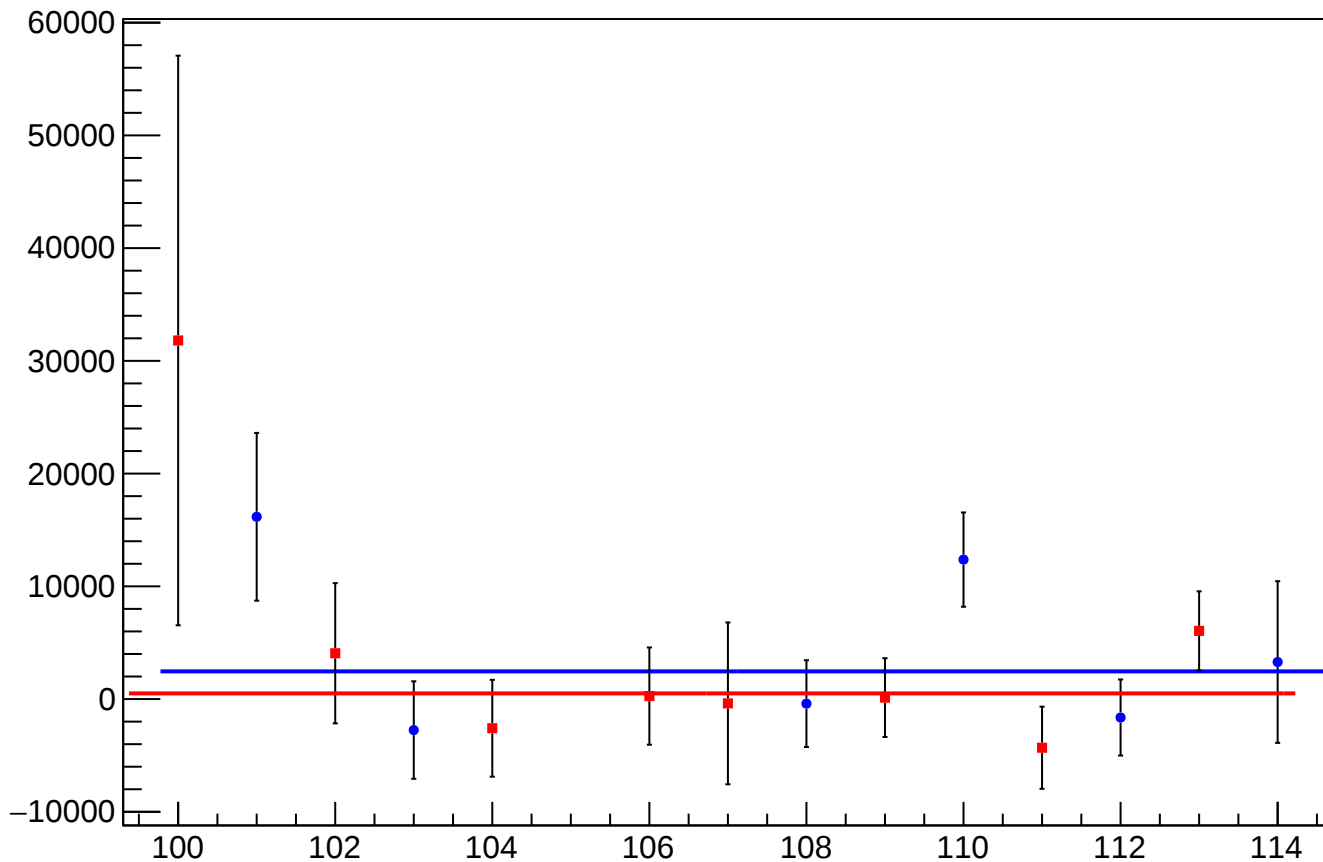
Right: 687.646+/-0.240 χ^2/NDF : 1733960.6/13

In: 722.872+/-0.358 χ^2/NDF : 836020.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 687.646+/-0.240 χ^2/NDF : 1733960.6/13

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2454.944+/-1815.309 χ^2/NDF : 12.5/5

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

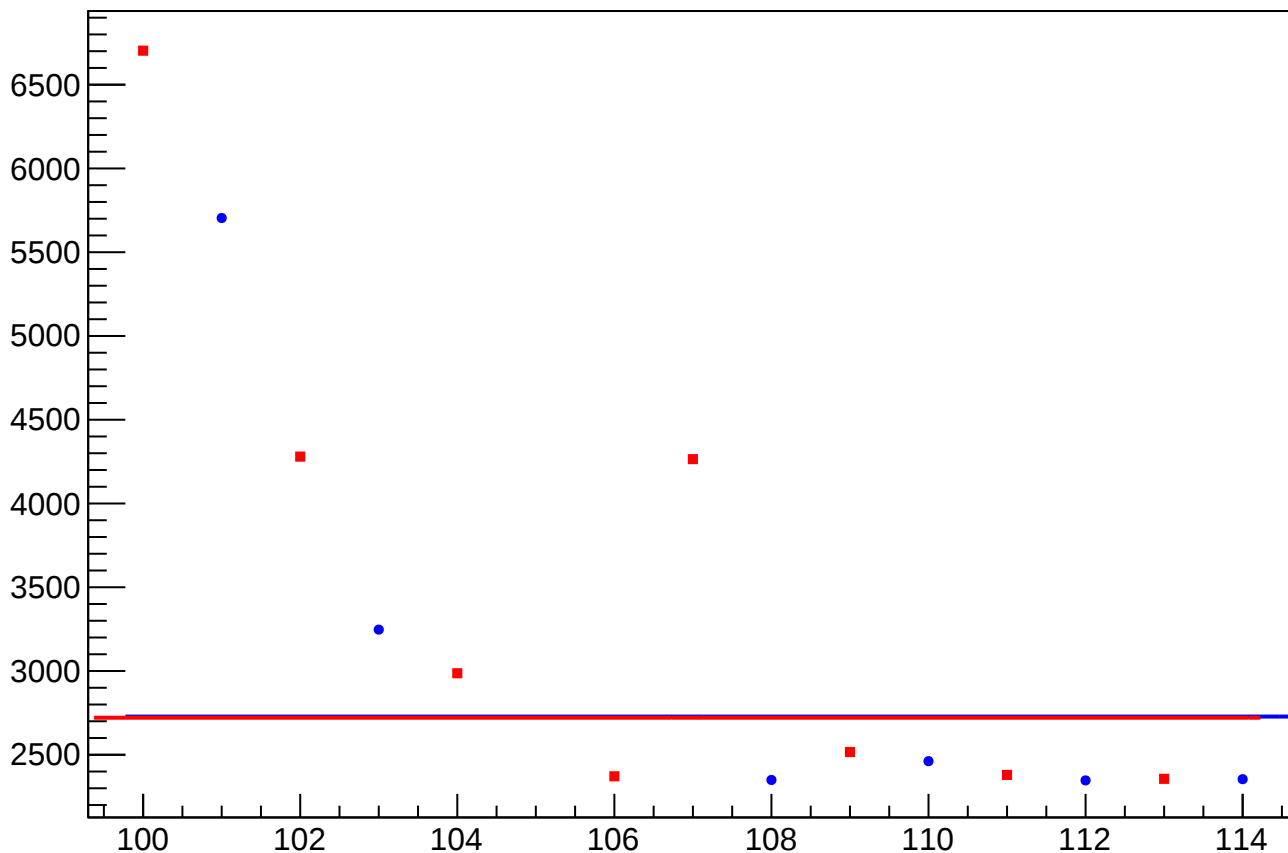
Right: 1352.875+/-1198.205 χ^2/NDF : 19.8/13

In: 2454.944+/-1815.309 χ^2/NDF : 12.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1352.875+/-1198.205 χ^2/NDF : 19.8/13

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2728.104+/-1.284 χ^2/NDF : 407118.4/5

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

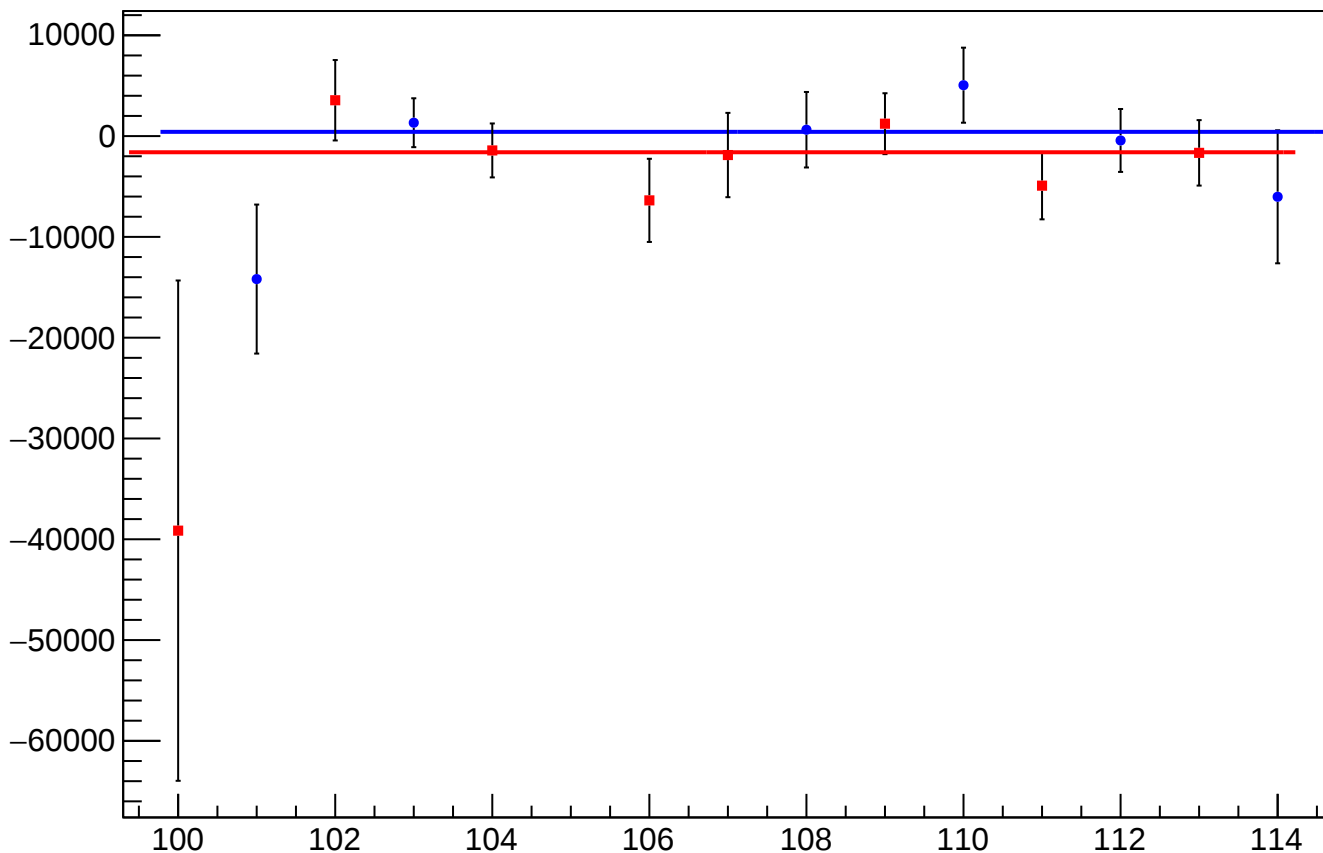
Right: 2724.210+/-0.847 χ^2/NDF : 741780.0/13

In: 2728.104+/-1.284 χ^2/NDF : 407118.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2724.210+/-0.847 χ^2/NDF : 741780.0/13

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 421.050+/-1478.778 χ^2/NDF : 6.6/5

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

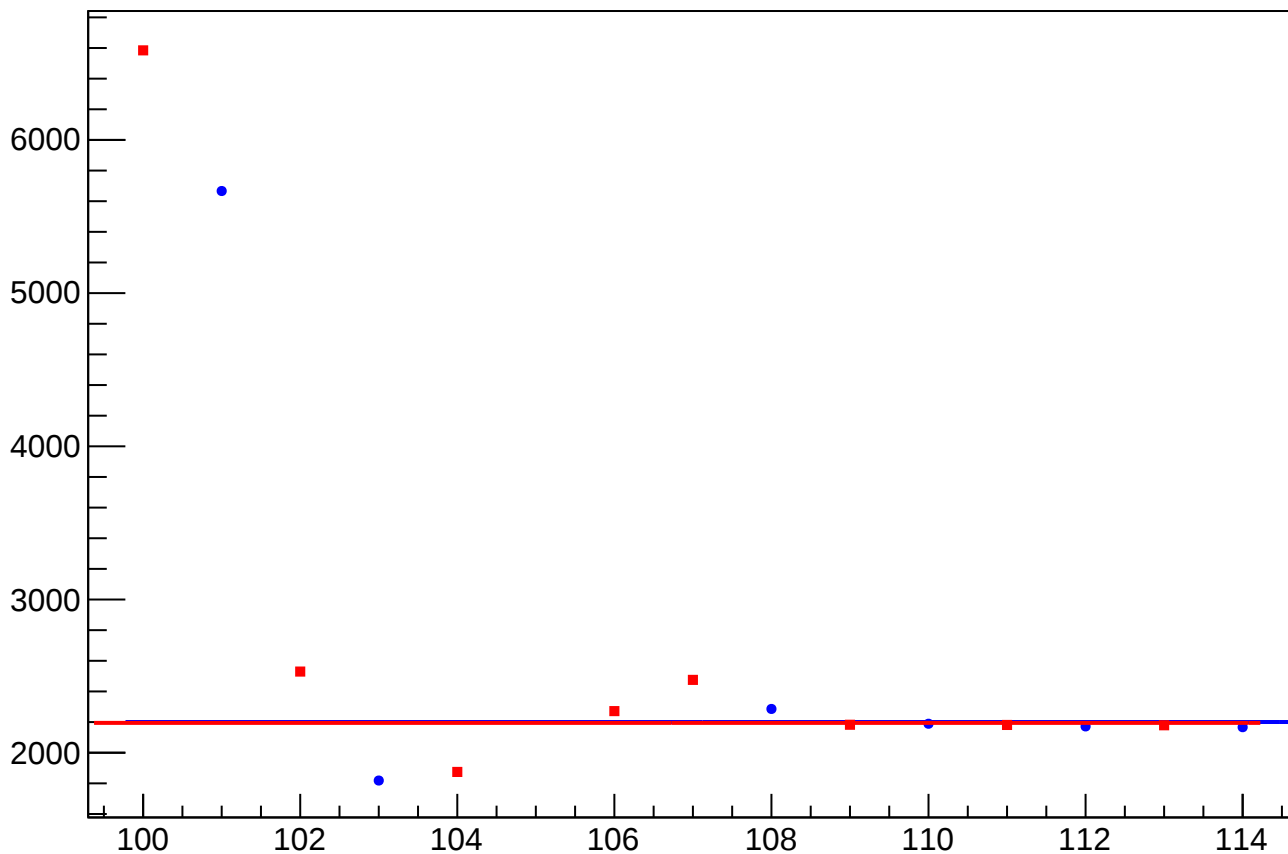
Right: -739.410+/-966.158 χ^2/NDF : 14.9/13

In: 421.050+/-1478.778 χ^2/NDF : 6.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -739.410+/-966.158 χ^2/NDF : 14.9/13

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2200.514+/-1.046 χ^2/NDF : 490653.3/5

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

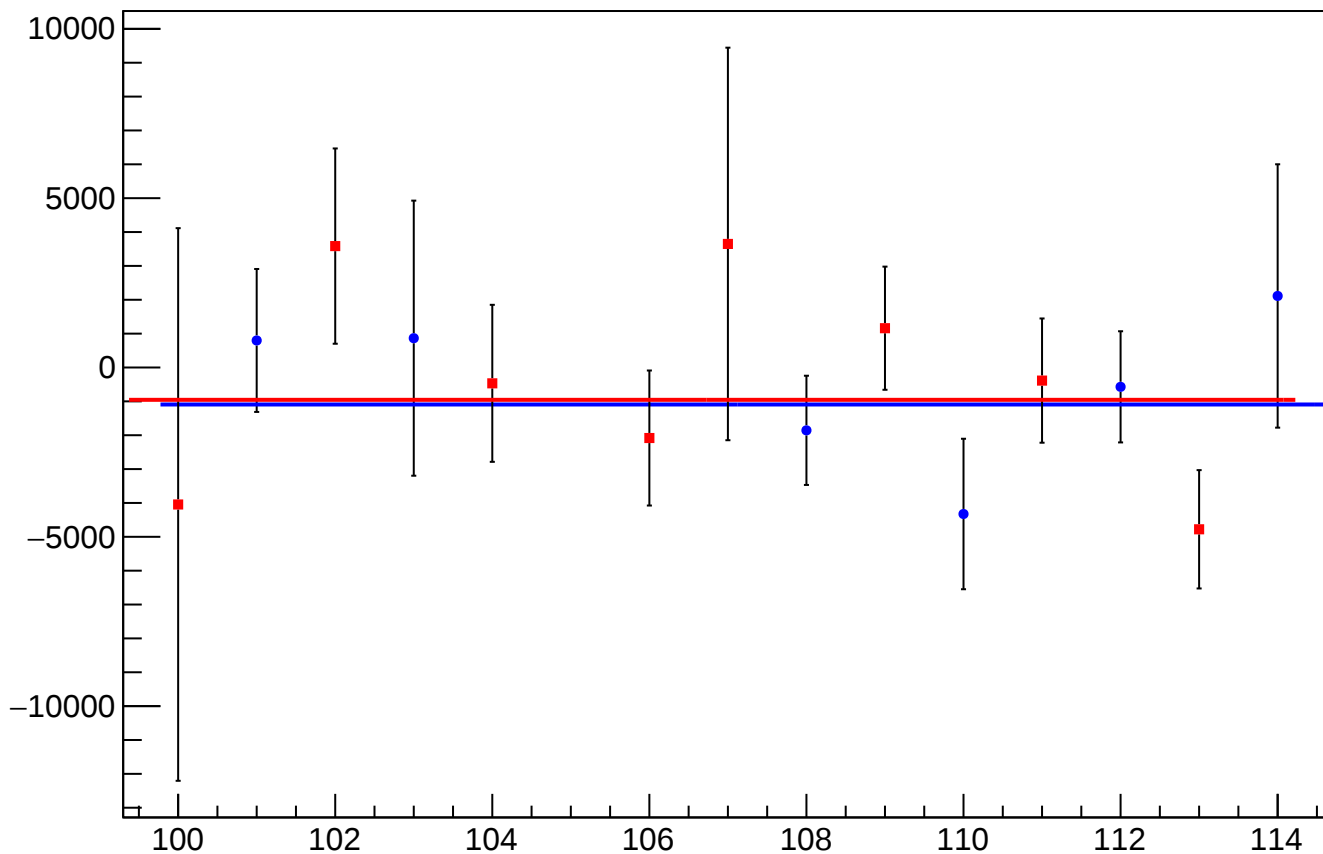
Right: 2197.217+/-0.683 χ^2/NDF : 605796.5/13

In: 2200.514+/-1.046 χ^2/NDF : 490653.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2197.217+/-0.683 χ^2/NDF : 605796.5/13

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: -1092.507+/-873.903 χ^2/NDF : 4.2/5

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

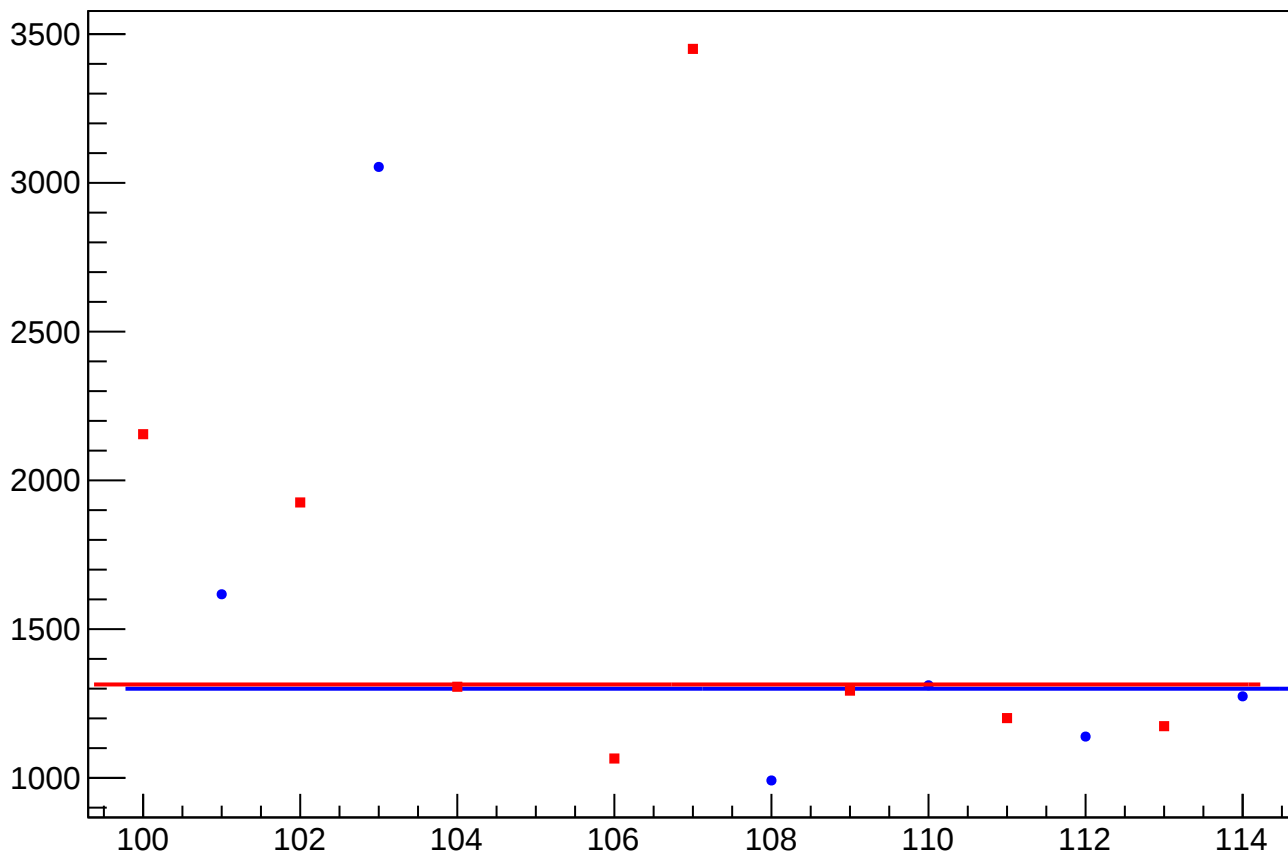
Right: -1018.309+/-593.467 χ^2/NDF : 14.0/13

In: -1092.507+/-873.903 χ^2/NDF : 4.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1018.309+/-593.467 χ^2/NDF : 14.0/13

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 1299.701+/-0.618 χ^2/NDF : 510643.5/5

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

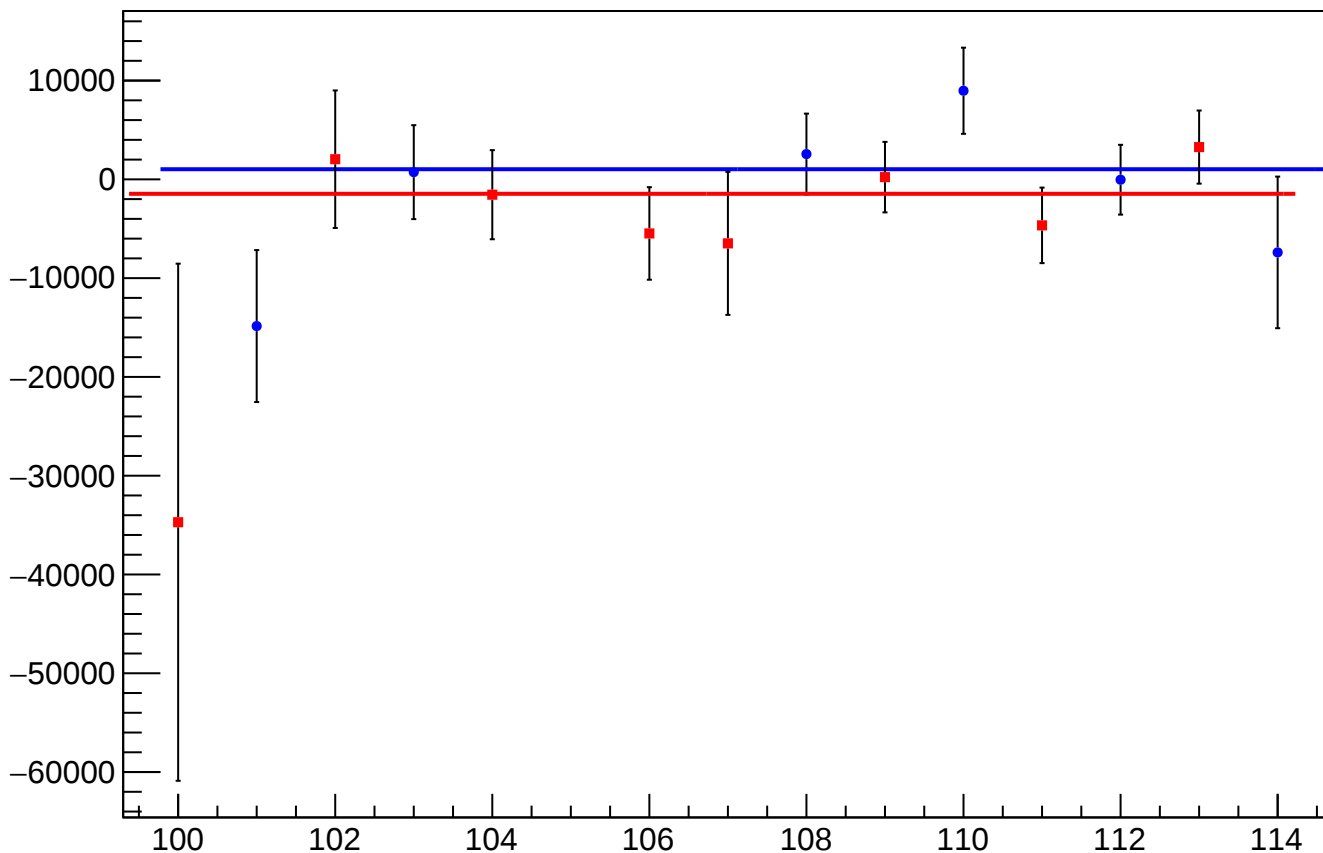
Right: 1307.422+/-0.420 χ^2/NDF : 945847.7/13

In: 1299.701+/-0.618 χ^2/NDF : 510643.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1307.422+/-0.420 χ^2/NDF : 945847.7/13

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 1026.313+/-1922.806 χ^2/NDF : 9.0/5

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

Right Out: -1462.697+/-1676.220 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

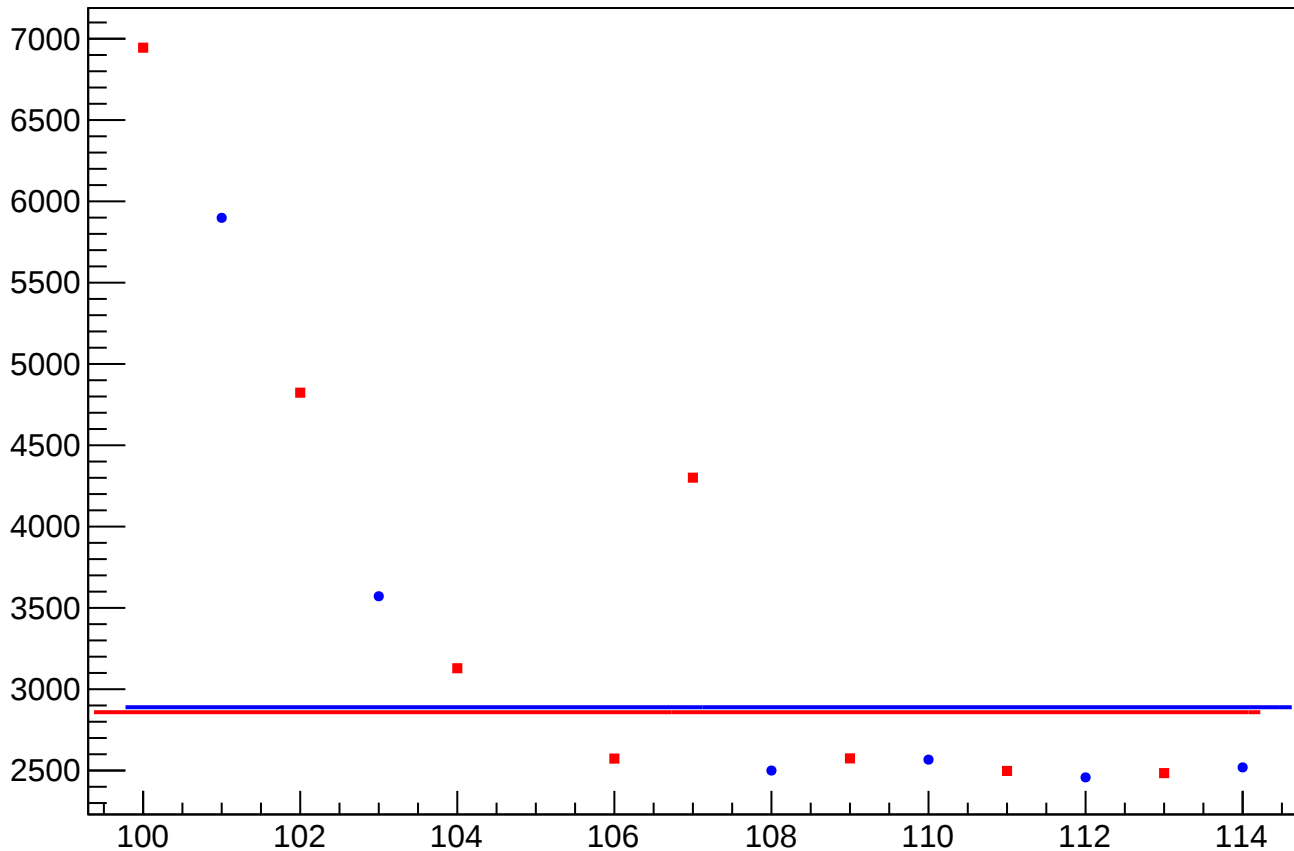
Right: -387.929+/-1263.513 χ^2/NDF : 15.6/13

In: 1026.313+/-1922.806 χ^2/NDF : 9.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -387.929+/-1263.513 χ^2/NDF : 15.6/13

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2889.146+/-1.360 χ^2/NDF : 410707.7/5

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

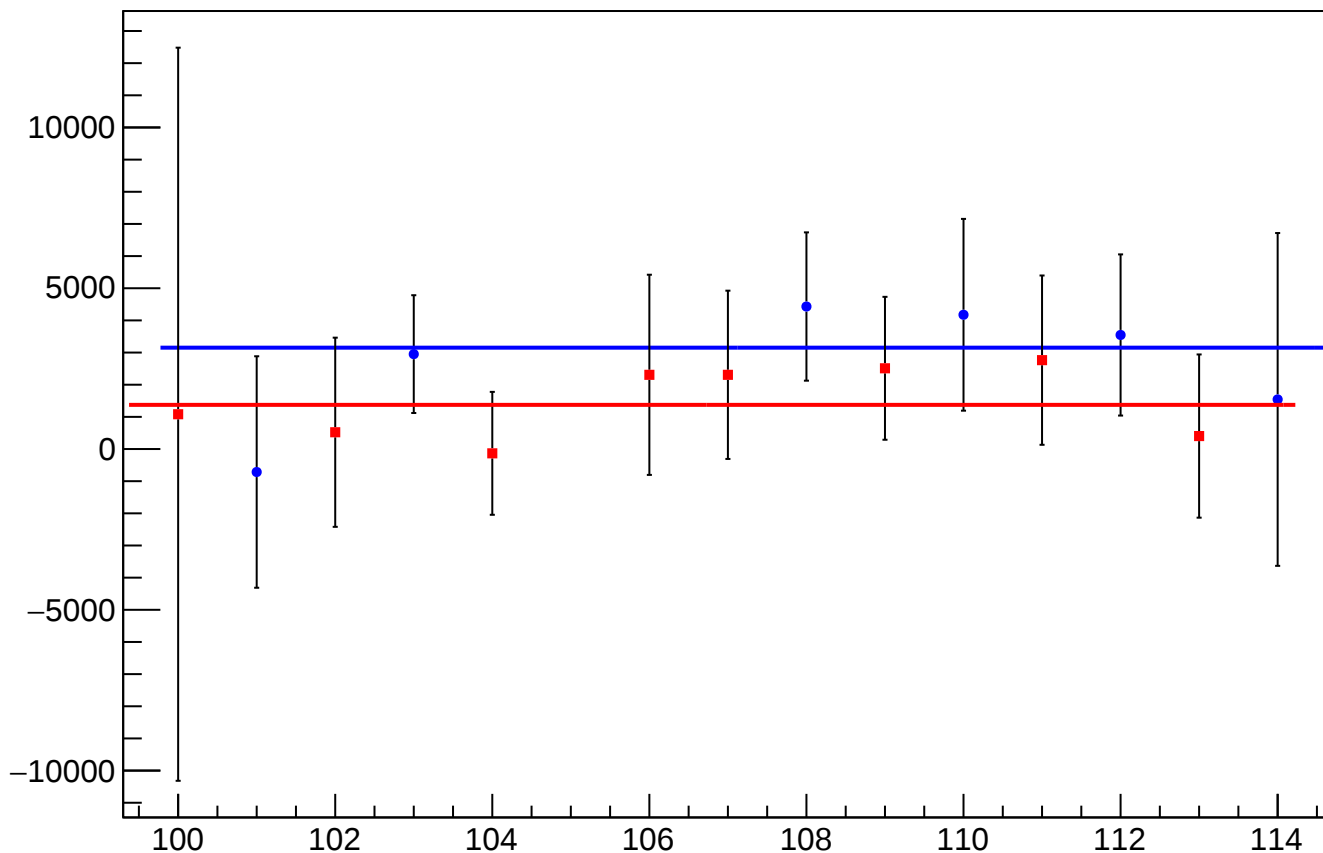
Right: 2871.756+/-0.893 χ^2/NDF : 764147.1/13

In: 2889.146+/-1.360 χ^2/NDF : 410707.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2871.756+/-0.893 χ^2/NDF : 764147.1/13

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3152.278+/-1070.633 χ^2/NDF : 1.7/5

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

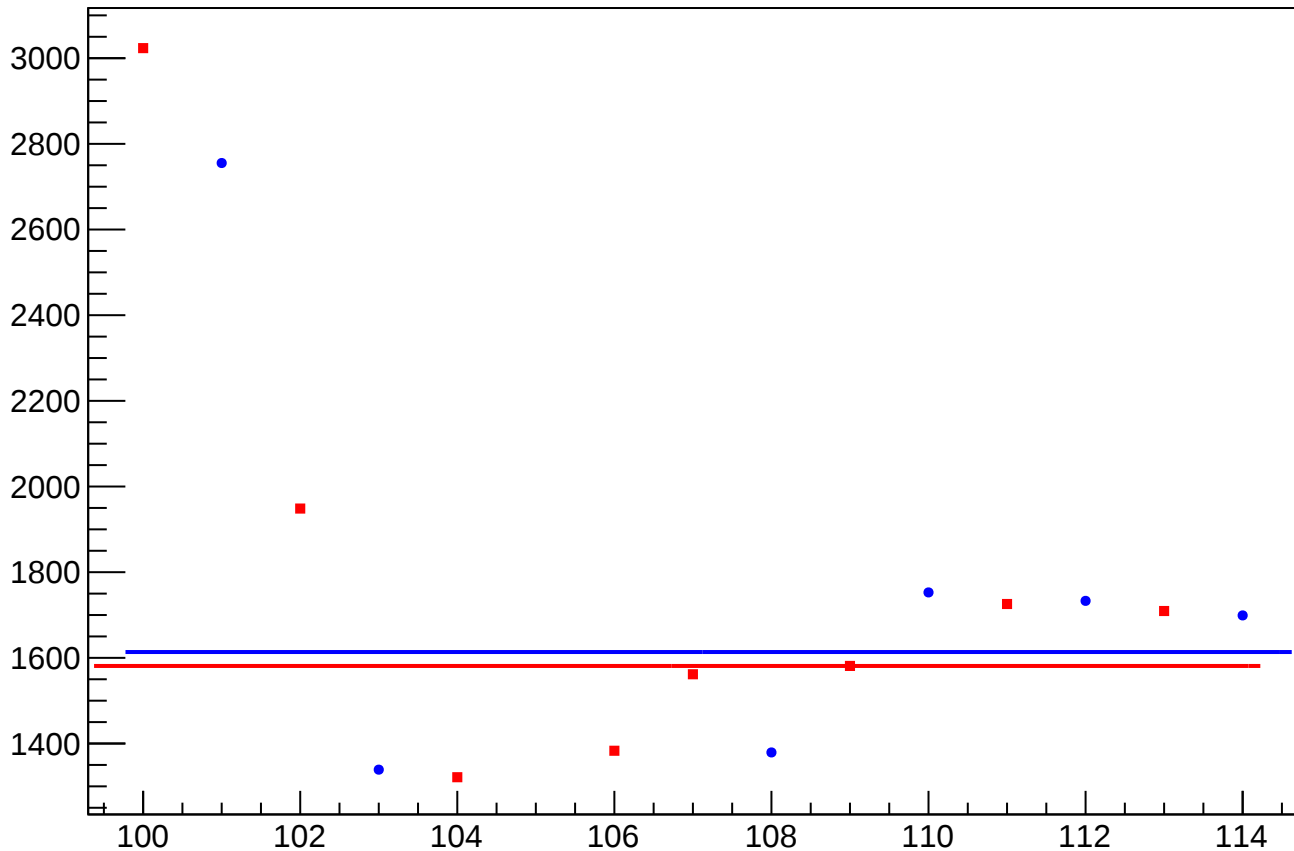
Right: 2141.391+/-703.461 χ^2/NDF : 4.9/13

In: 3152.278+/-1070.633 χ^2/NDF : 1.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2141.391+/-703.461 χ^2/NDF : 4.9/13

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1613.615+/-0.757 χ^2/NDF : 276282.8/5

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

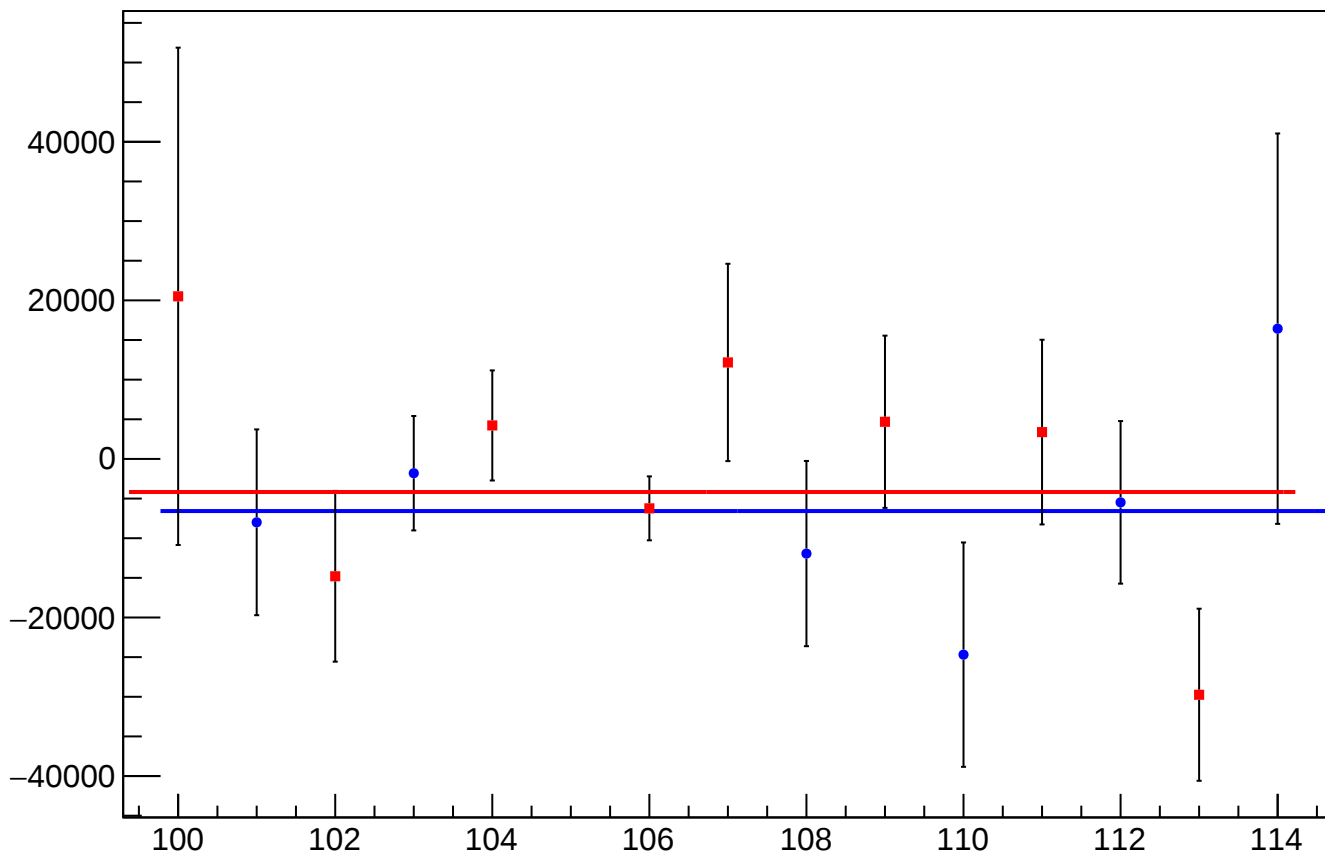
Right: 1595.125+/-0.497 χ^2/NDF : 396862.9/13

In: 1613.615+/-0.757 χ^2/NDF : 276282.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1595.125+/-0.497 χ^2/NDF : 396862.9/13

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -6575.027+/-4473.458 χ^2/NDF : 3.2/5

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

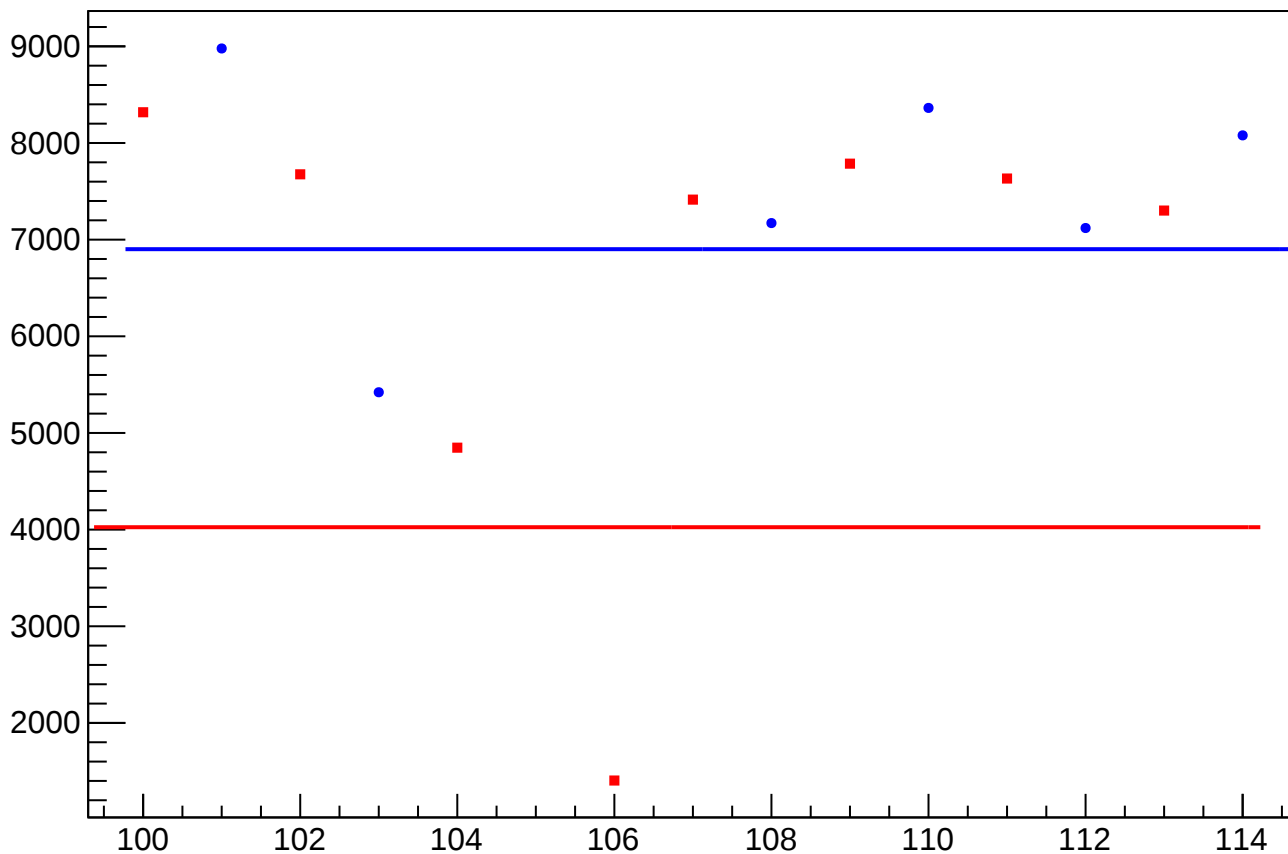
Right: -4866.476+/-2406.826 χ^2/NDF : 15.1/13

In: -6575.027+/-4473.458 χ^2/NDF : 3.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4866.476+/-2406.826 χ^2/NDF : 15.1/13

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 6901.430+/-3.163 χ^2/NDF : 174850.7/5

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

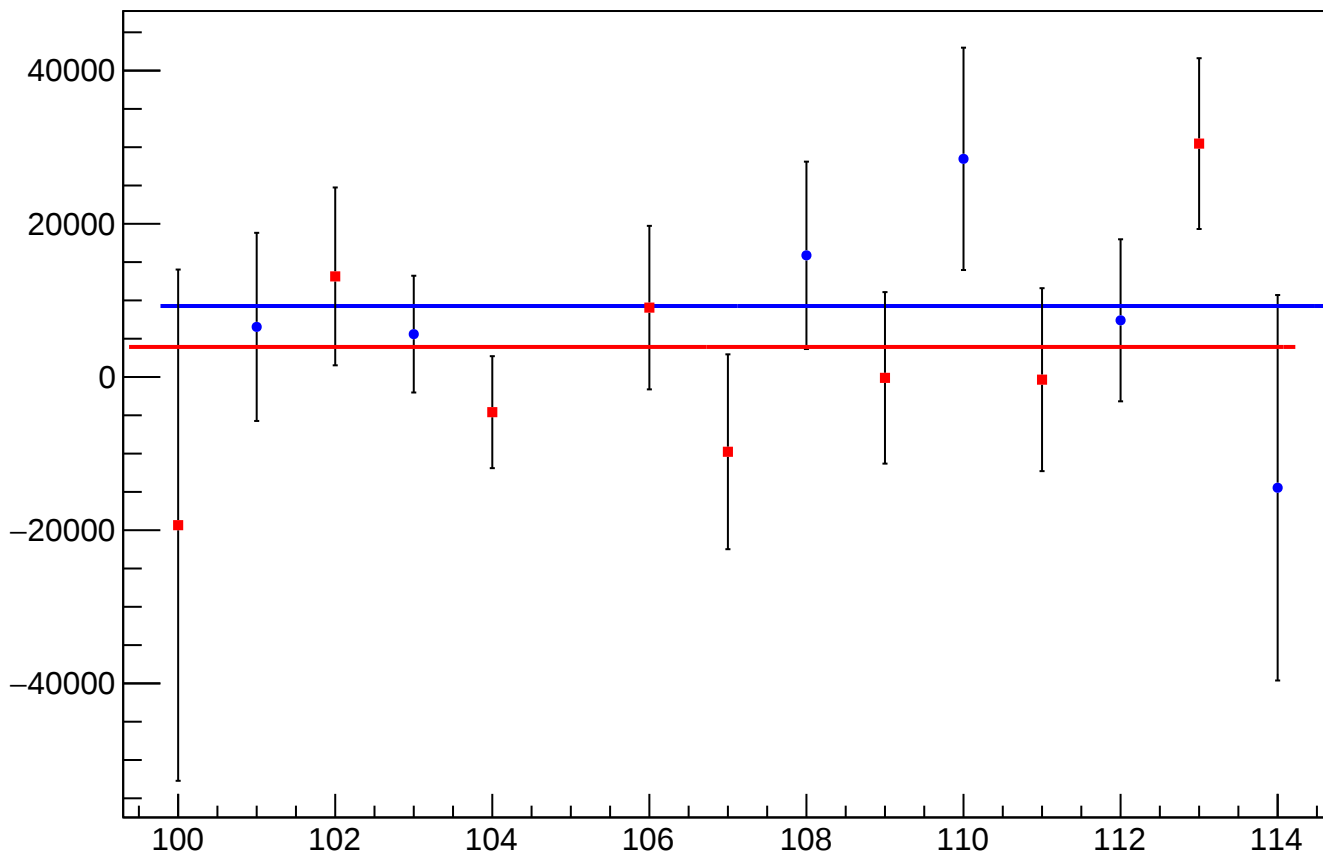
Right: 4857.542+/-1.702 χ^2/NDF : 2664572.4/13

In: 6901.430+/-3.163 χ^2/NDF : 174850.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4857.542+/-1.702 χ^2/NDF : 2664572.4/13

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 9268.681+/-4672.854 χ^2/NDF : 3.2/5

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

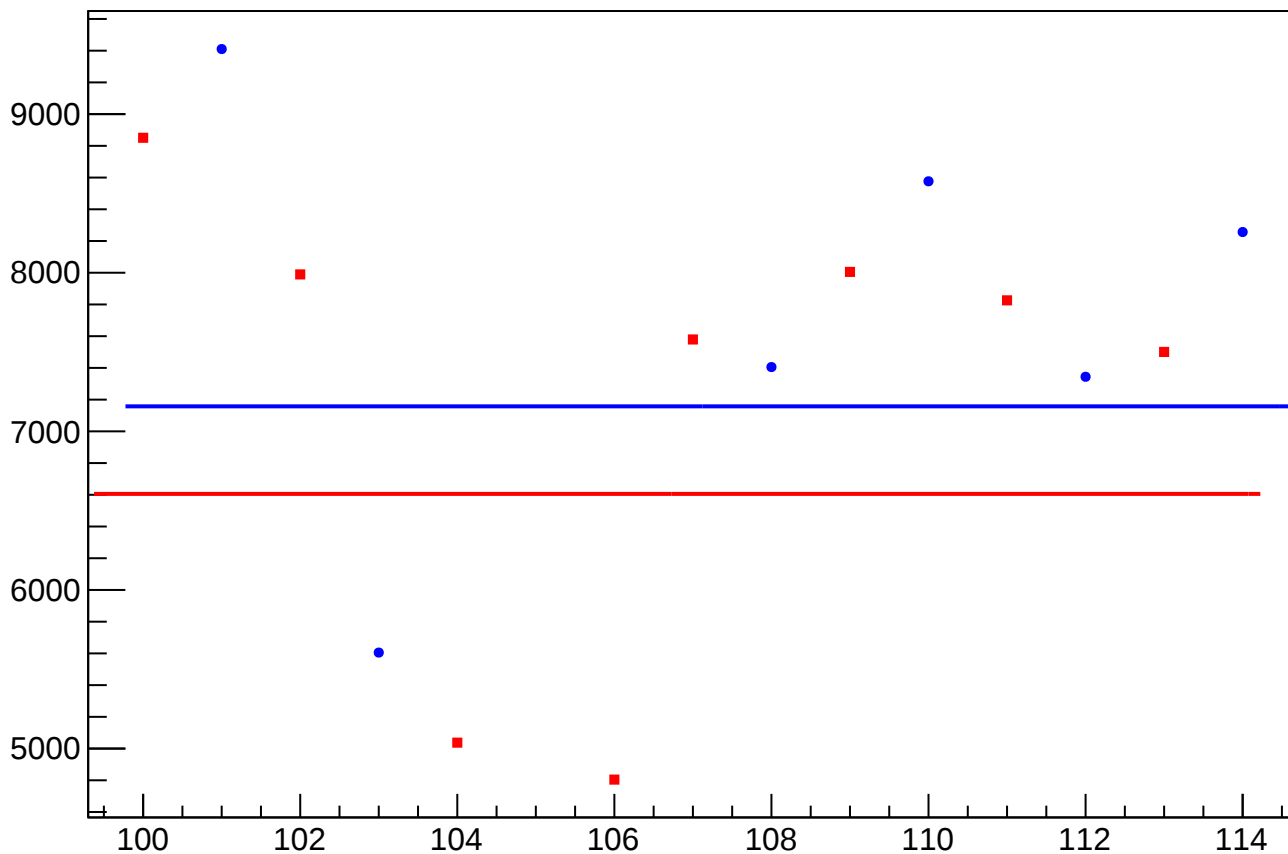
Right: 6132.651+/-3003.798 χ^2/NDF : 13.8/13

In: 9268.681+/-4672.854 χ^2/NDF : 3.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6132.651+/-3003.798 χ^2/NDF : 13.8/13

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7157.569+/-3.304 χ^2/NDF : 174670.9/5

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

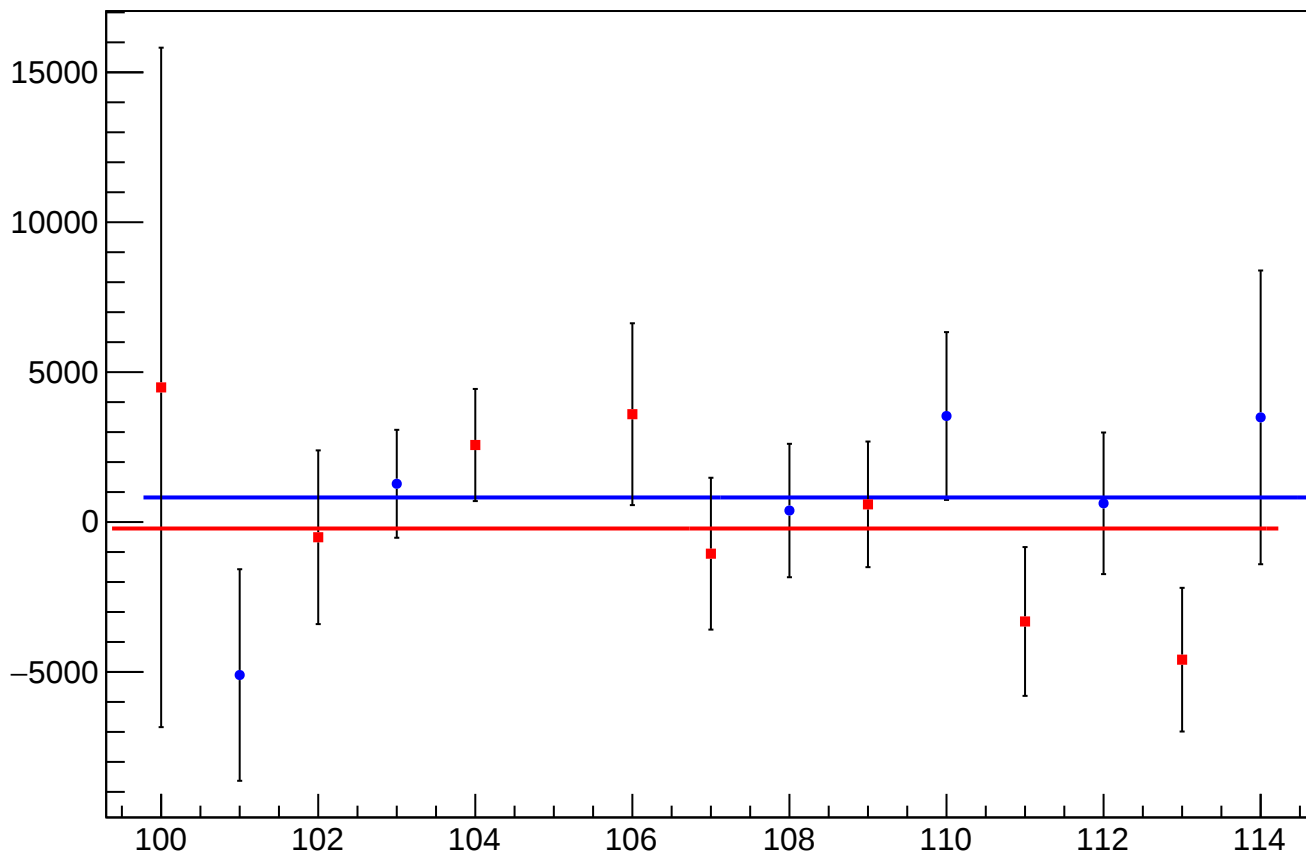
Right: 6833.655+/-2.124 χ^2/NDF : 454536.5/13

In: 7157.569+/-3.304 χ^2/NDF : 174670.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6833.655+/-2.124 χ^2/NDF : 454536.5/13

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 820.394+/-1031.602 χ^2/NDF : 4.2/5

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

Right Out: -215.325+/-897.328 χ^2/NDF : 9.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

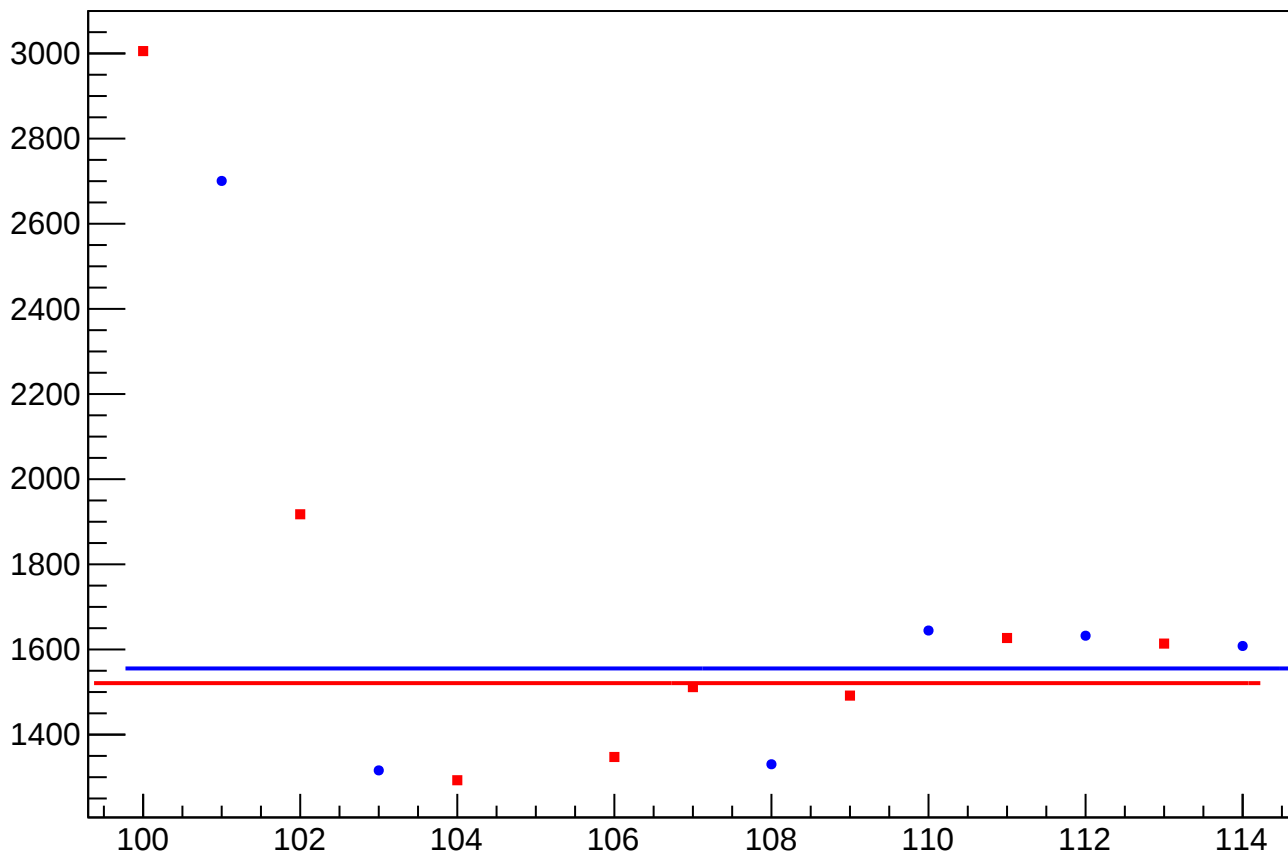
Right: 230.785+/-677.037 χ^2/NDF : 13.9/13

In: 820.394+/-1031.602 χ^2/NDF : 4.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 230.785+/-677.037 χ^2/NDF : 13.9/13

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1555.420+/-0.729 χ^2/NDF : 270903.8/5

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

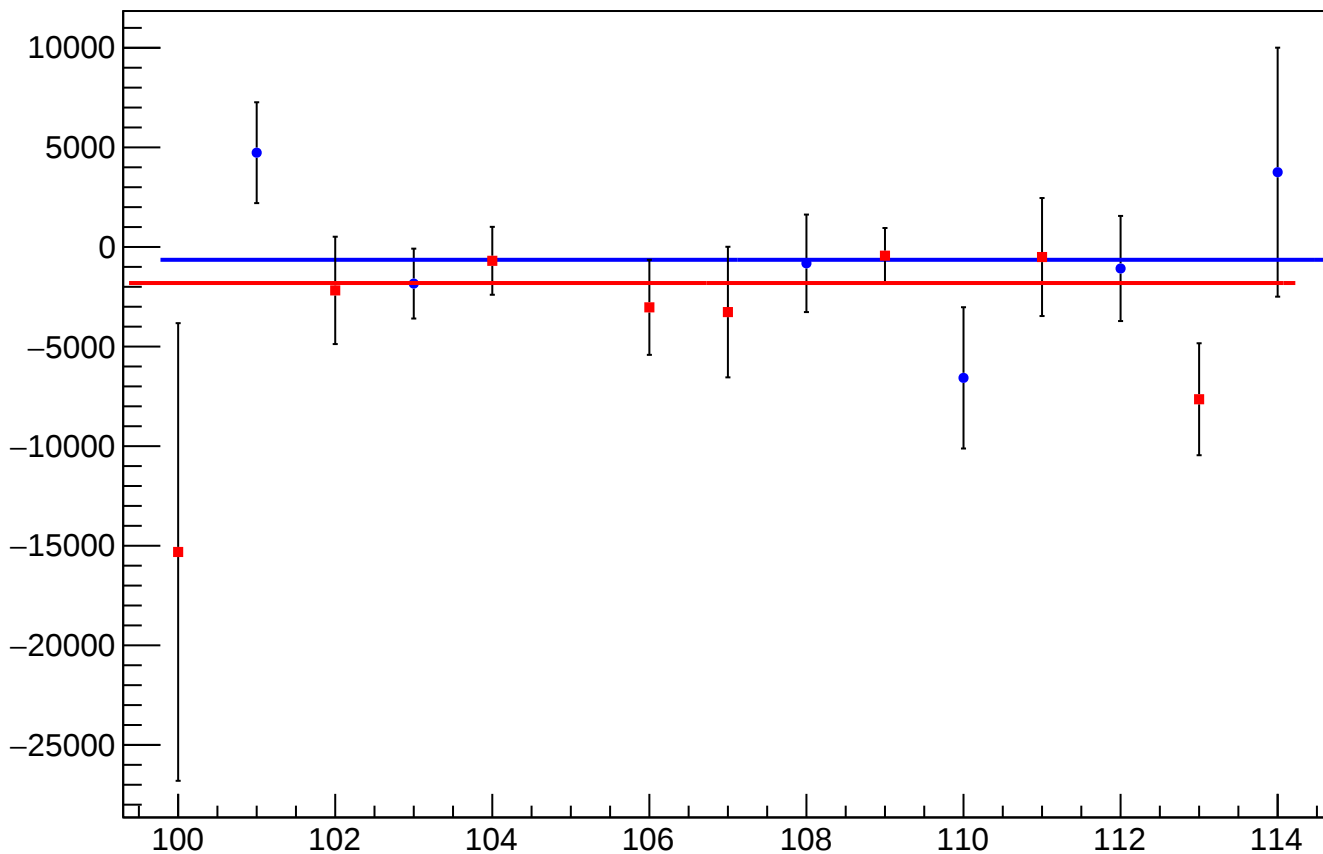
Right: 1535.789+/-0.479 χ^2/NDF : 387365.9/13

In: 1555.420+/-0.729 χ^2/NDF : 270903.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1535.789+/-0.479 χ^2/NDF : 387365.9/13

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -643.803+/-1056.088 χ^2/NDF : 8.3/5

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

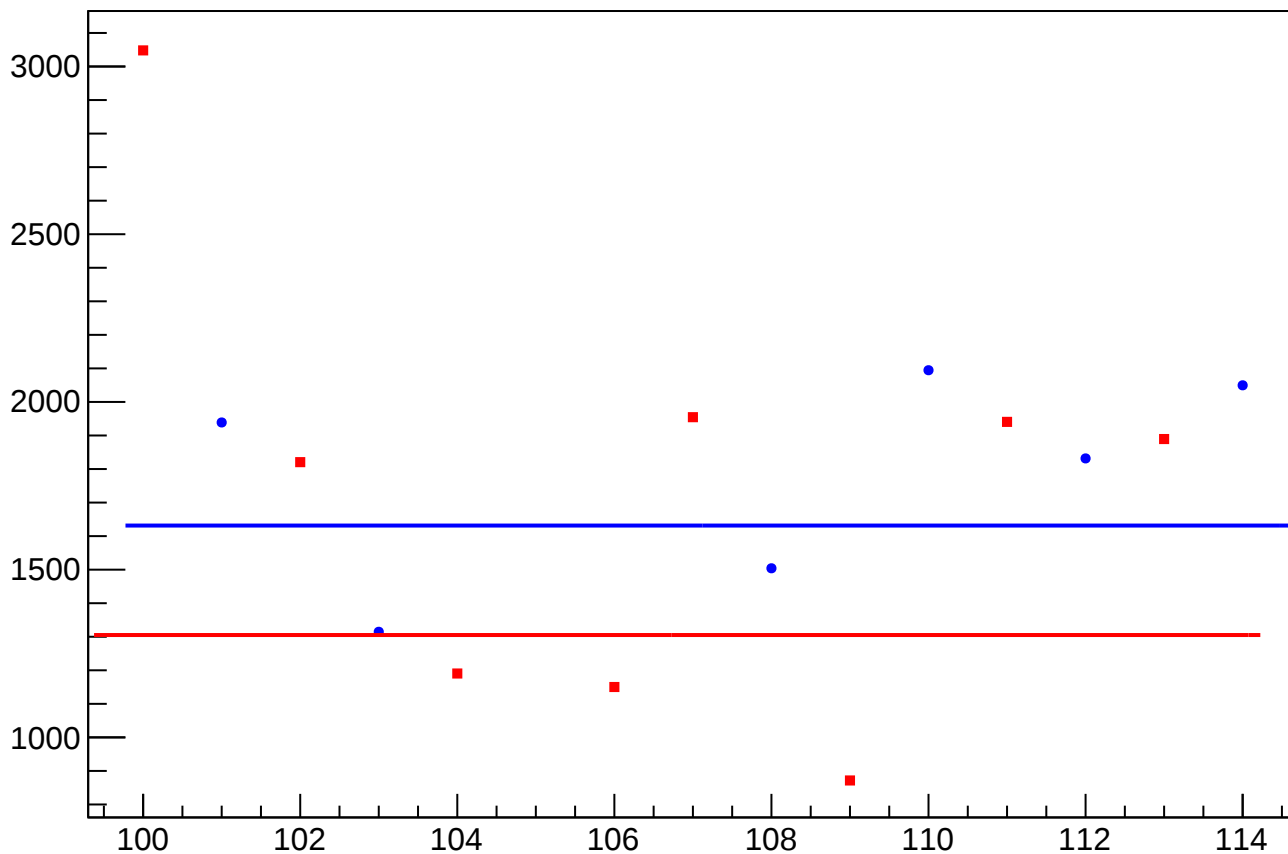
Right: -1376.255+/-643.834 χ^2/NDF : 16.8/13

In: -643.803+/-1056.088 χ^2/NDF : 8.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1376.255+/-643.834 χ^2/NDF : 16.8/13

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 1631.511+/-0.747 χ^2/NDF : 154632.7/5

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

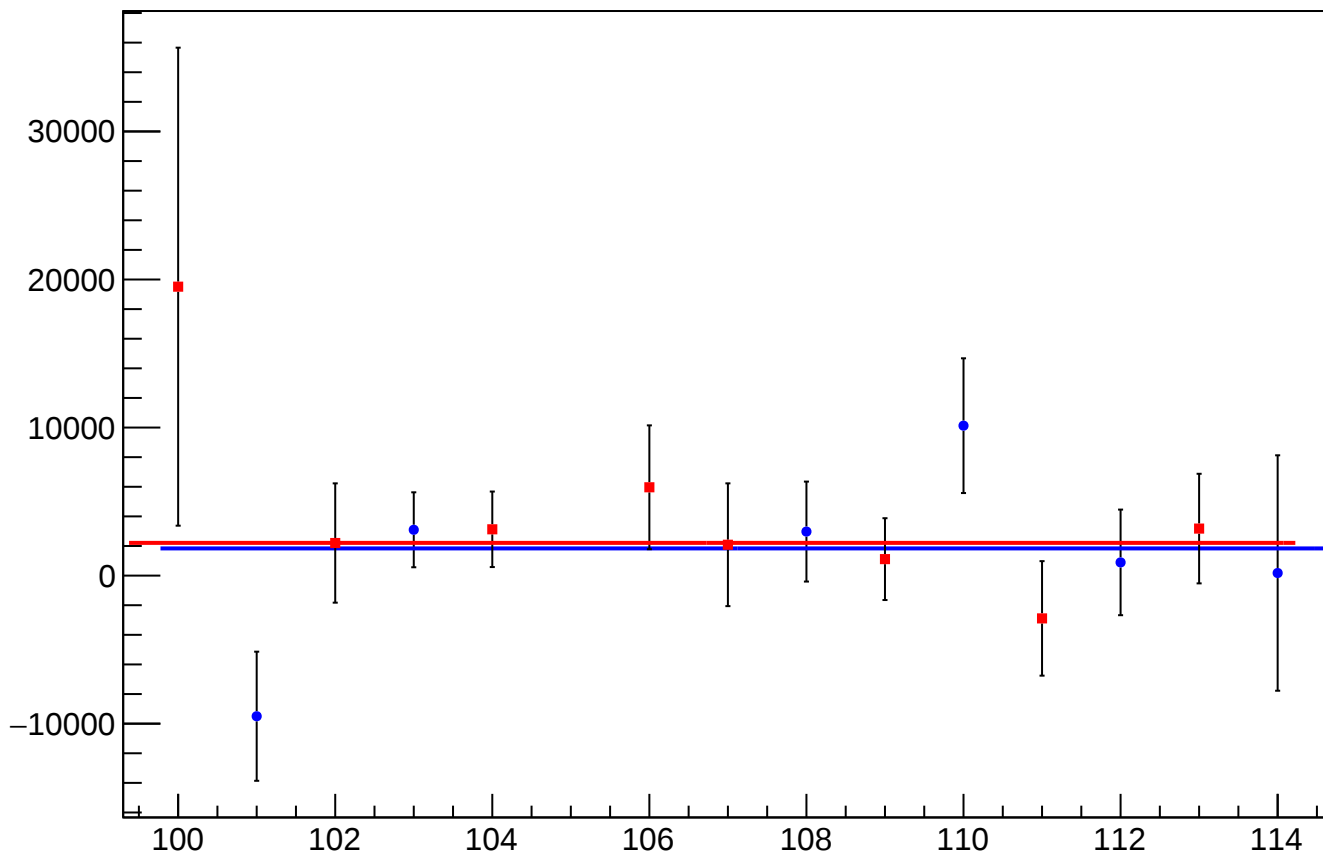
Right: 1426.444+/-0.455 χ^2/NDF : 862700.9/13

In: 1631.511+/-0.747 χ^2/NDF : 154632.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1426.444+/-0.455 χ^2/NDF : 862700.9/13

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1836.270+/-1509.200 χ^2/NDF : 10.5/5

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

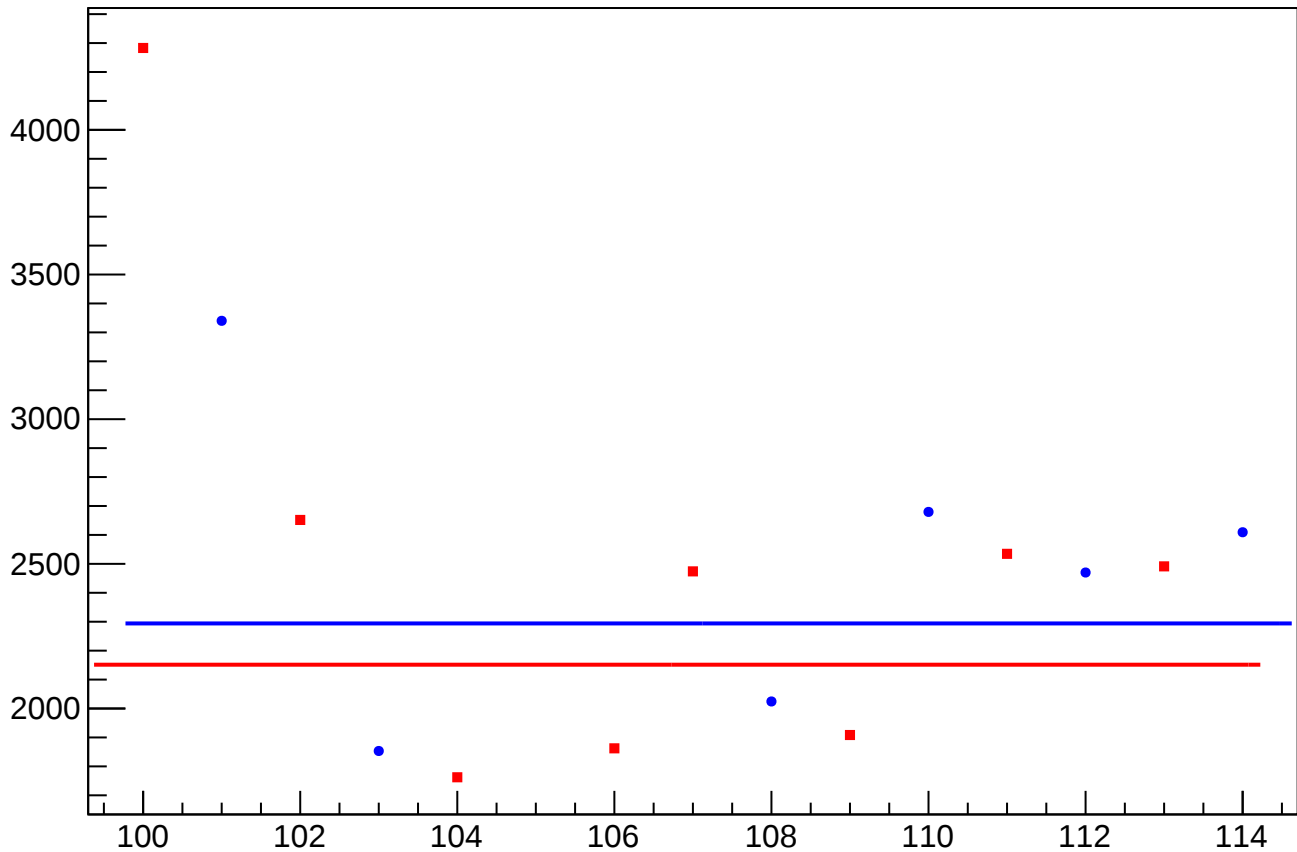
Right: 2053.466+/-978.500 χ^2/NDF : 14.6/13

In: 1836.270+/-1509.200 χ^2/NDF : 10.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2053.466+/-978.500 χ^2/NDF : 14.6/13

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2294.066+/-1.067 χ^2/NDF : 210817.4/5

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

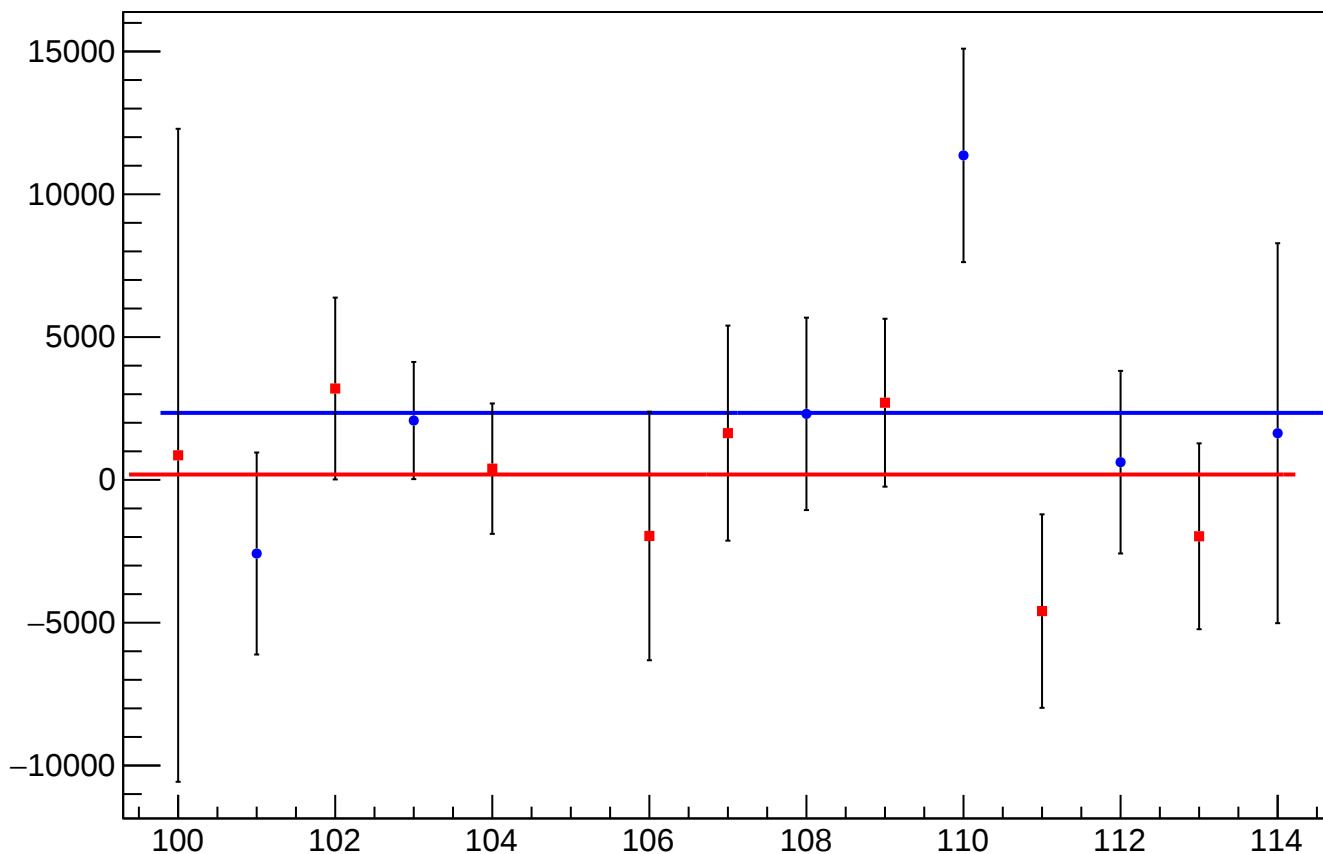
Right: 2211.394+/-0.692 χ^2/NDF : 407069.8/13

In: 2294.066+/-1.067 χ^2/NDF : 210817.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2211.394+/-0.692 χ^2/NDF : 407069.8/13

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2346.381+/-1293.271 χ^2/NDF : 8.1/5

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

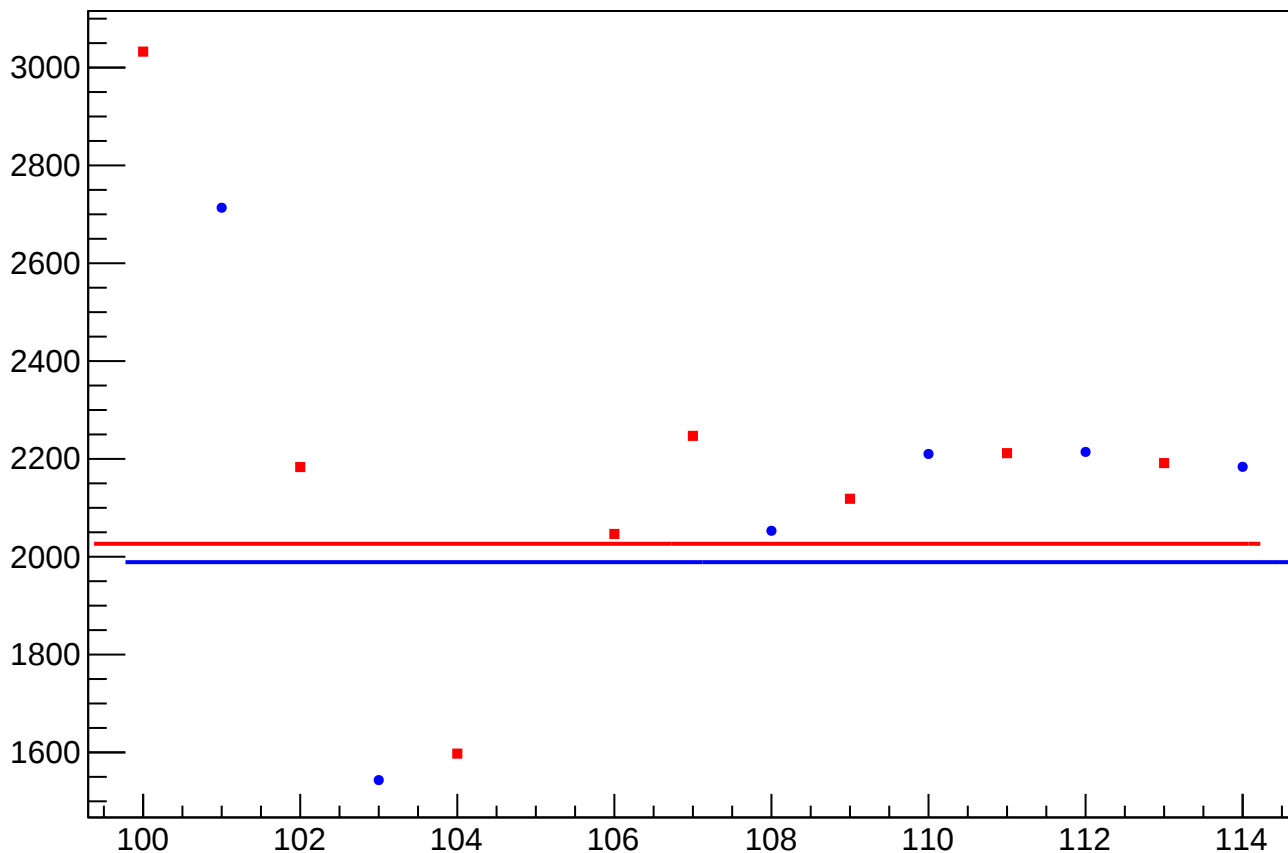
Right: 1168.310+/-871.439 χ^2/NDF : 14.1/13

In: 2346.381+/-1293.271 χ^2/NDF : 8.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1168.310+/-871.439 χ^2/NDF : 14.1/13

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1988.910+/-0.914 χ^2/NDF : 197721.9/5

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

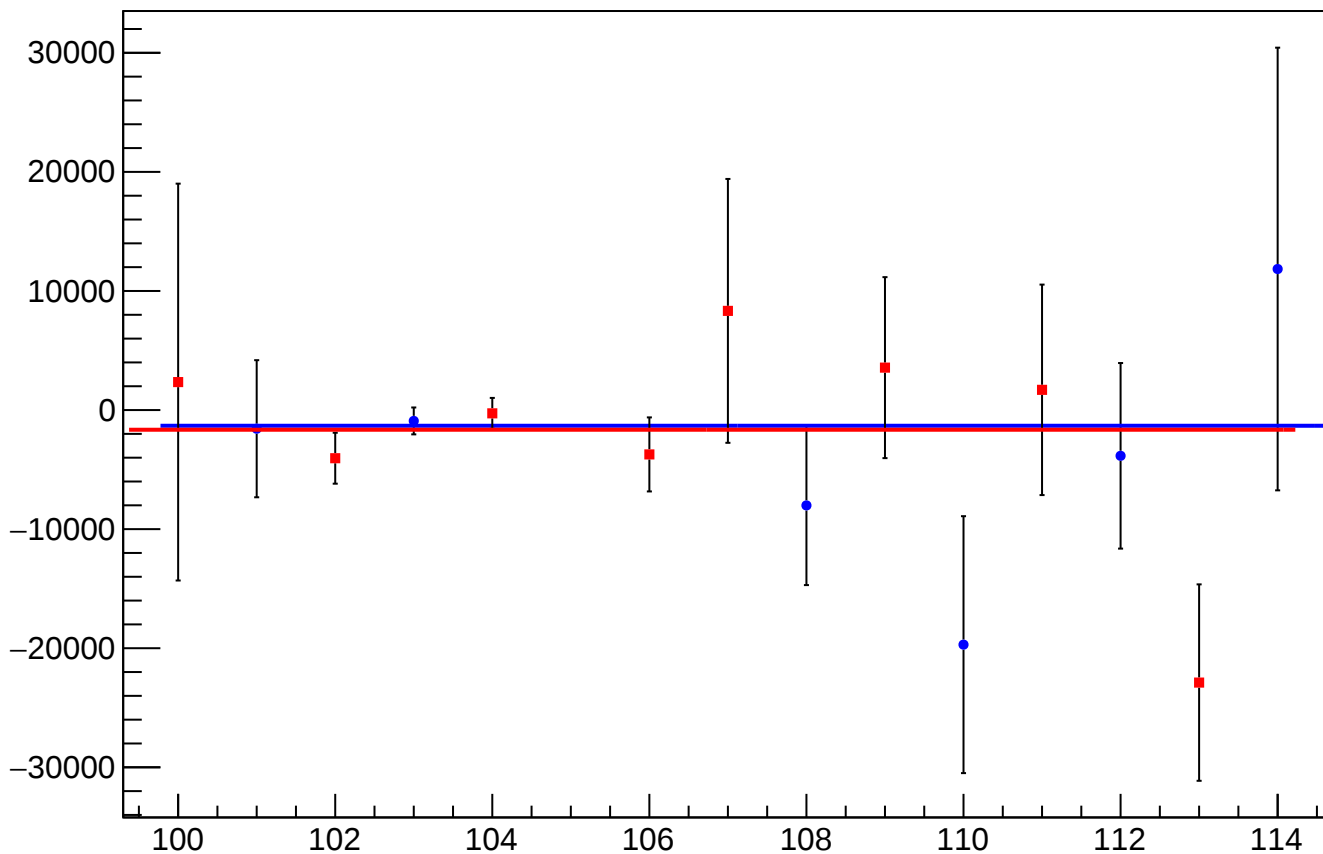
Right: 2009.509+/-0.615 χ^2/NDF : 309611.7/13

In: 1988.910+/-0.914 χ^2/NDF : 197721.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2009.509+/-0.615 χ^2/NDF : 309611.7/13

asym_atl1r2_avg_correction_mean vs Slug, Sign Corrected



Right In: -1318.466+/-1075.106 χ^2/NDF : 4.6/5

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

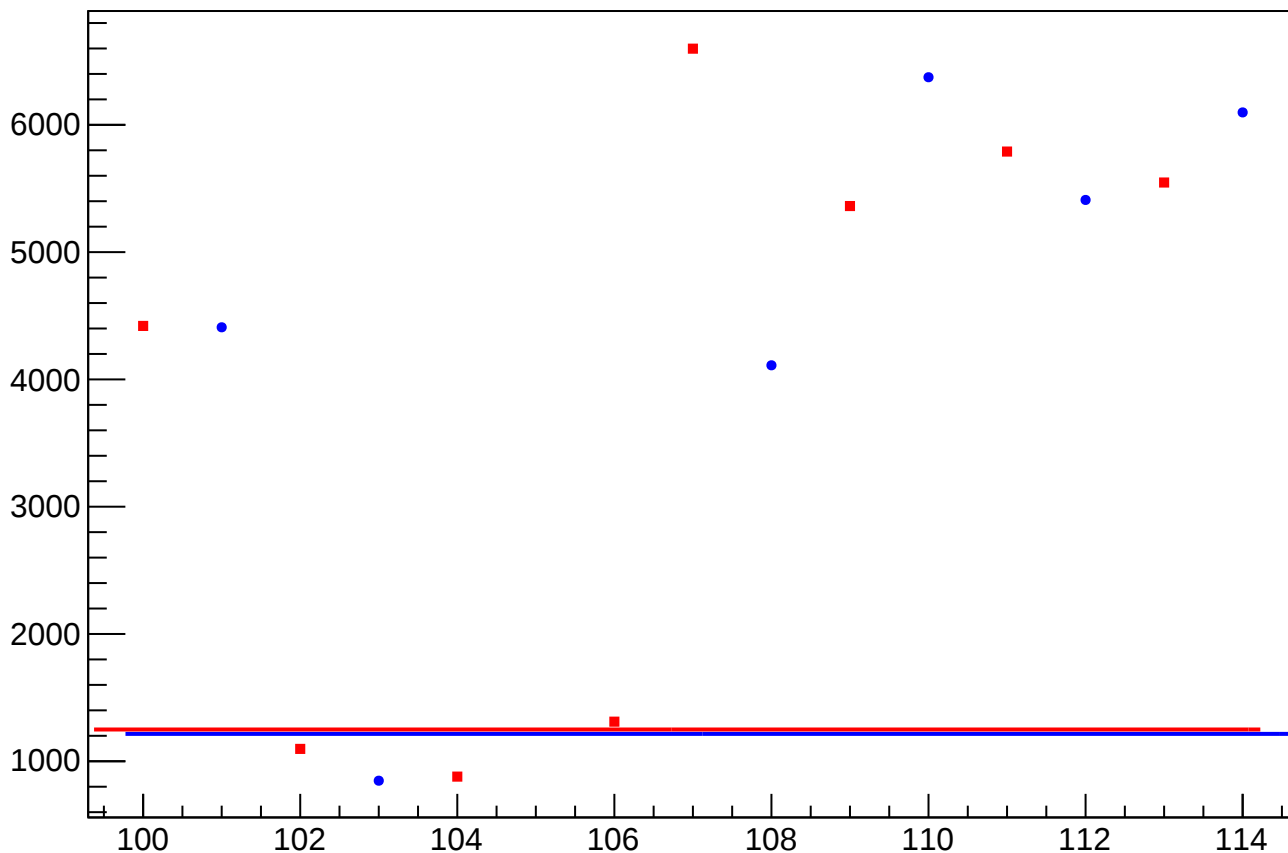
Right: -1495.622+/-737.265 χ^2/NDF : 15.6/13

In: -1318.466+/-1075.106 χ^2/NDF : 4.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1495.622+/-737.265 χ^2/NDF : 15.6/13

asym_atl1r2_avg_correction_rms vs Slug, Sign Corrected



Right In: 1215.101+/-0.760 χ^2/NDF : 2377703.7/5

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

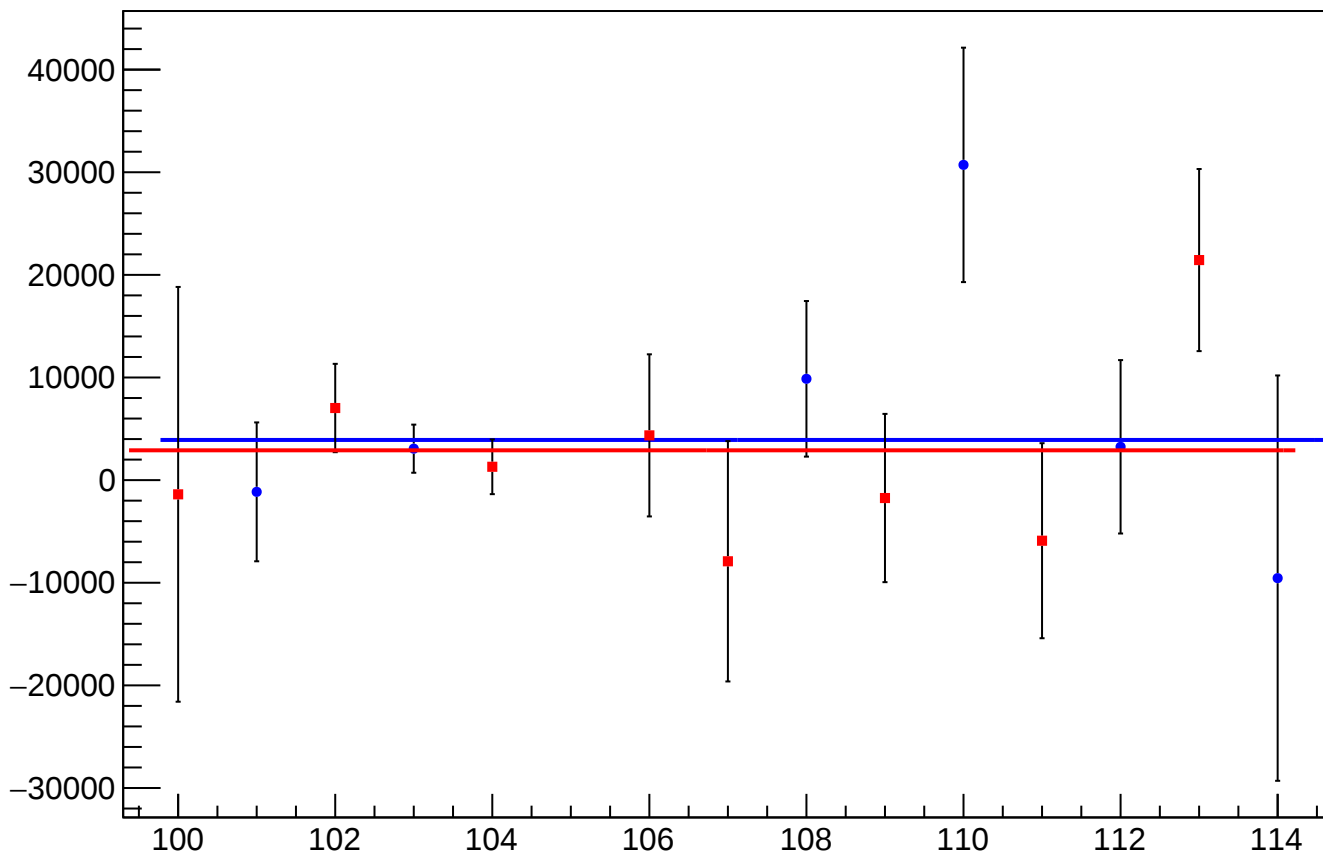
Right: 1233.353+/-0.521 χ^2/NDF : 4748304.6/13

In: 1215.101+/-0.760 χ^2/NDF : 2377703.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1233.353+/-0.521 χ^2/NDF : 4748304.6/13

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 3914.308+/-2018.860 χ^2/NDF : 7.3/5

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

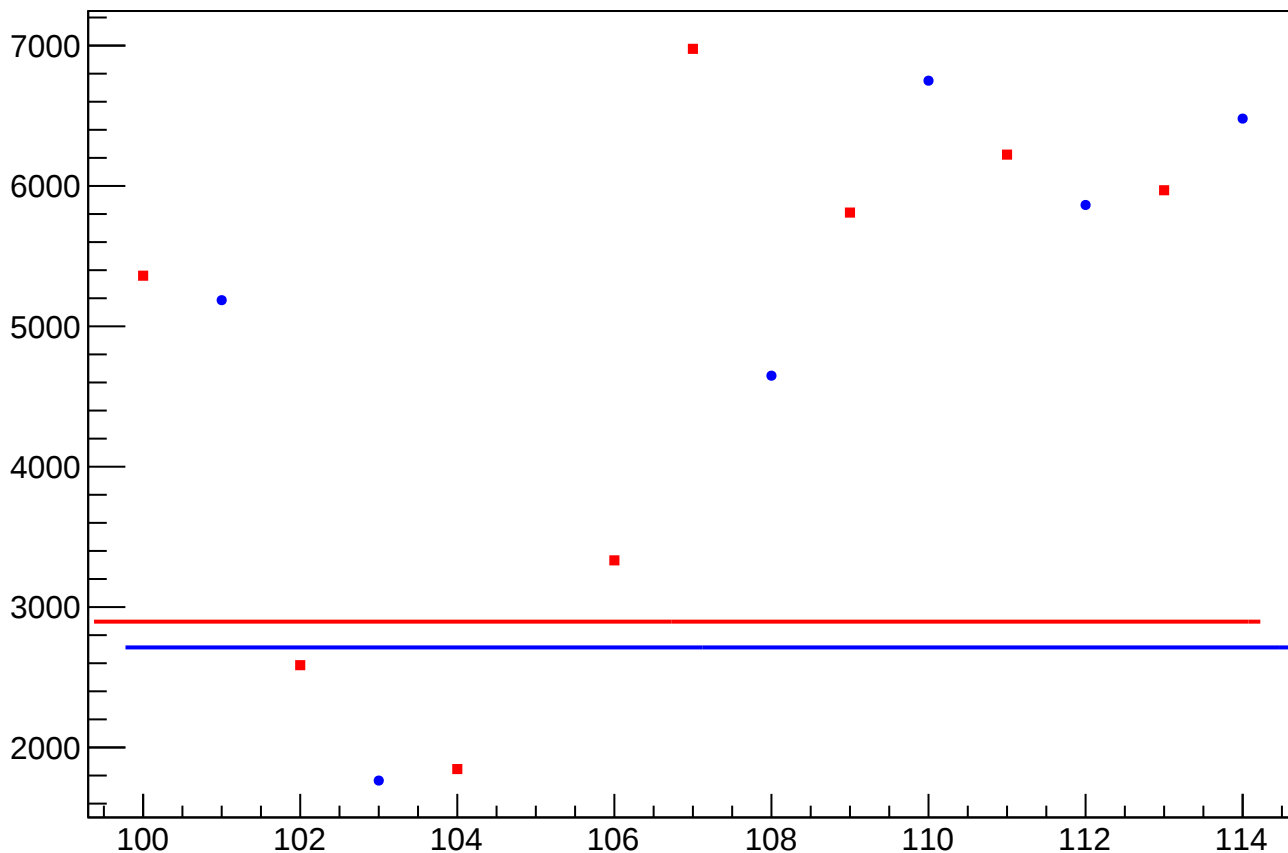
Right: 3395.689+/-1408.206 χ^2/NDF : 15.2/13

In: 3914.308+/-2018.860 χ^2/NDF : 7.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3395.689+/-1408.206 χ^2/NDF : 15.2/13

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2712.633+/-1.428 χ^2/NDF : 1326055.8/5

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

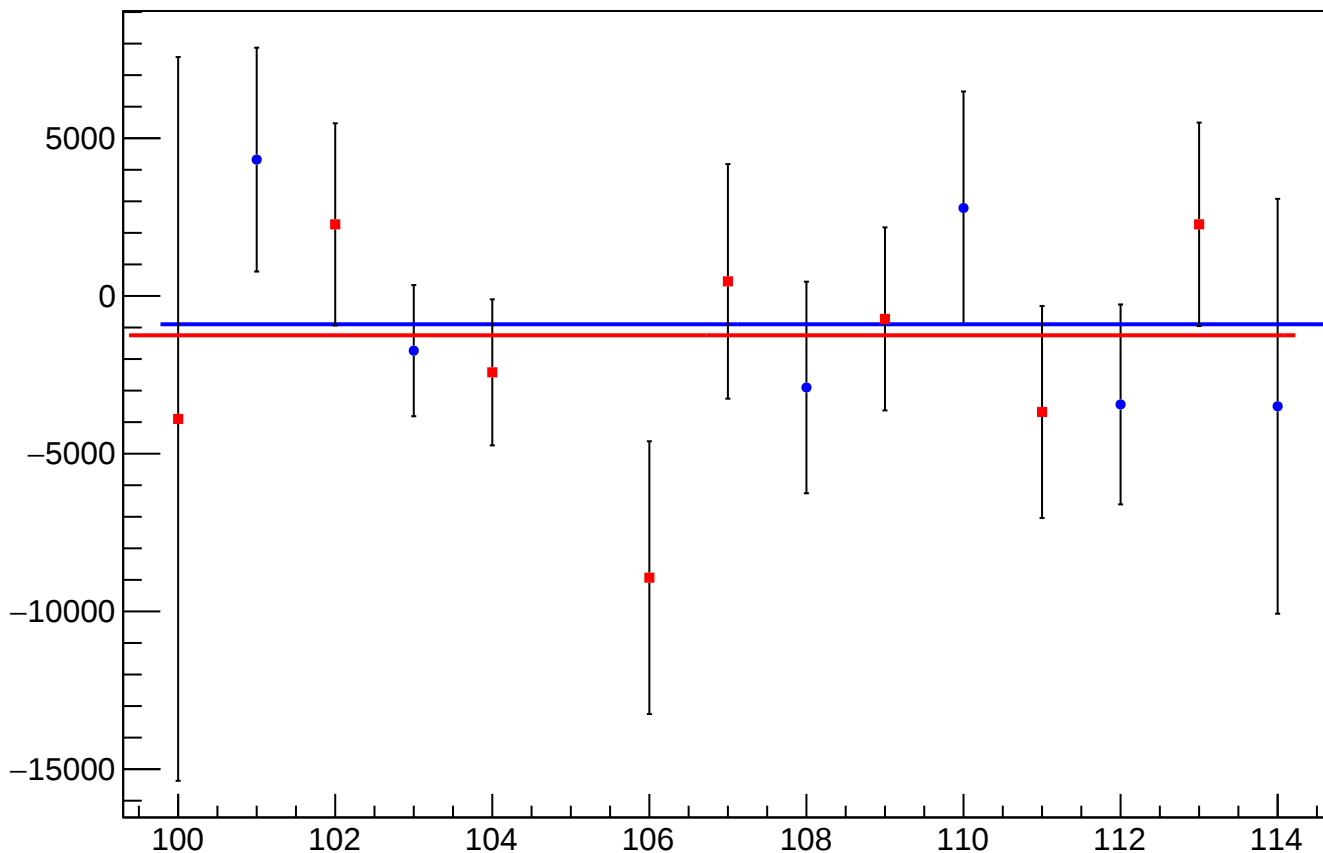
Right: 2807.846+/-0.991 χ^2/NDF : 2673487.7/13

In: 2712.633+/-1.428 χ^2/NDF : 1326055.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2807.846+/-0.991 χ^2/NDF : 2673487.7/13

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -897.463+/-1295.600 χ^2/NDF : 4.5/5

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

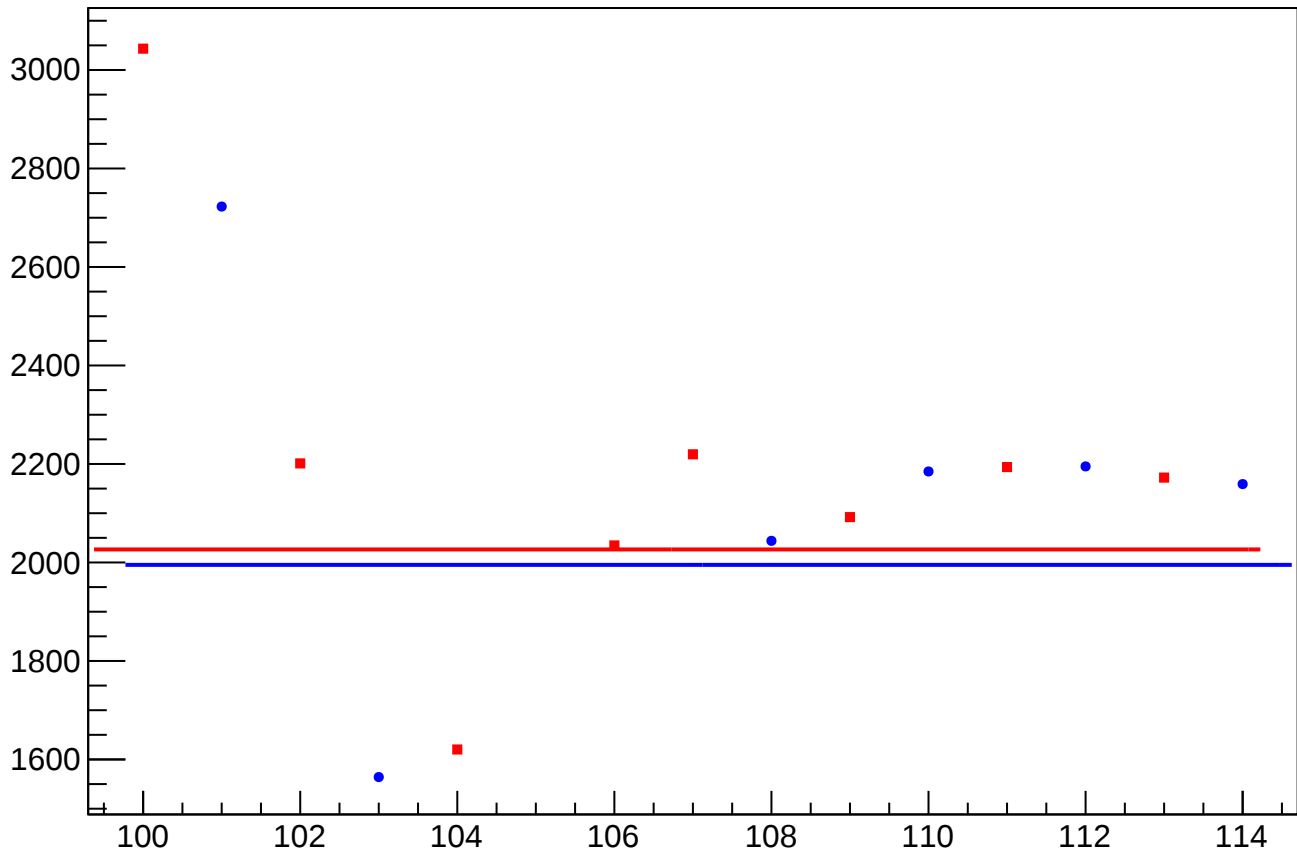
Right: -1088.655+/-871.498 χ^2/NDF : 11.1/13

In: -897.463+/-1295.600 χ^2/NDF :4.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1088.655+/-871.498 χ^2/NDF : 11.1/13

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1995.140+/-0.916 χ^2/NDF : 184931.4/5

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

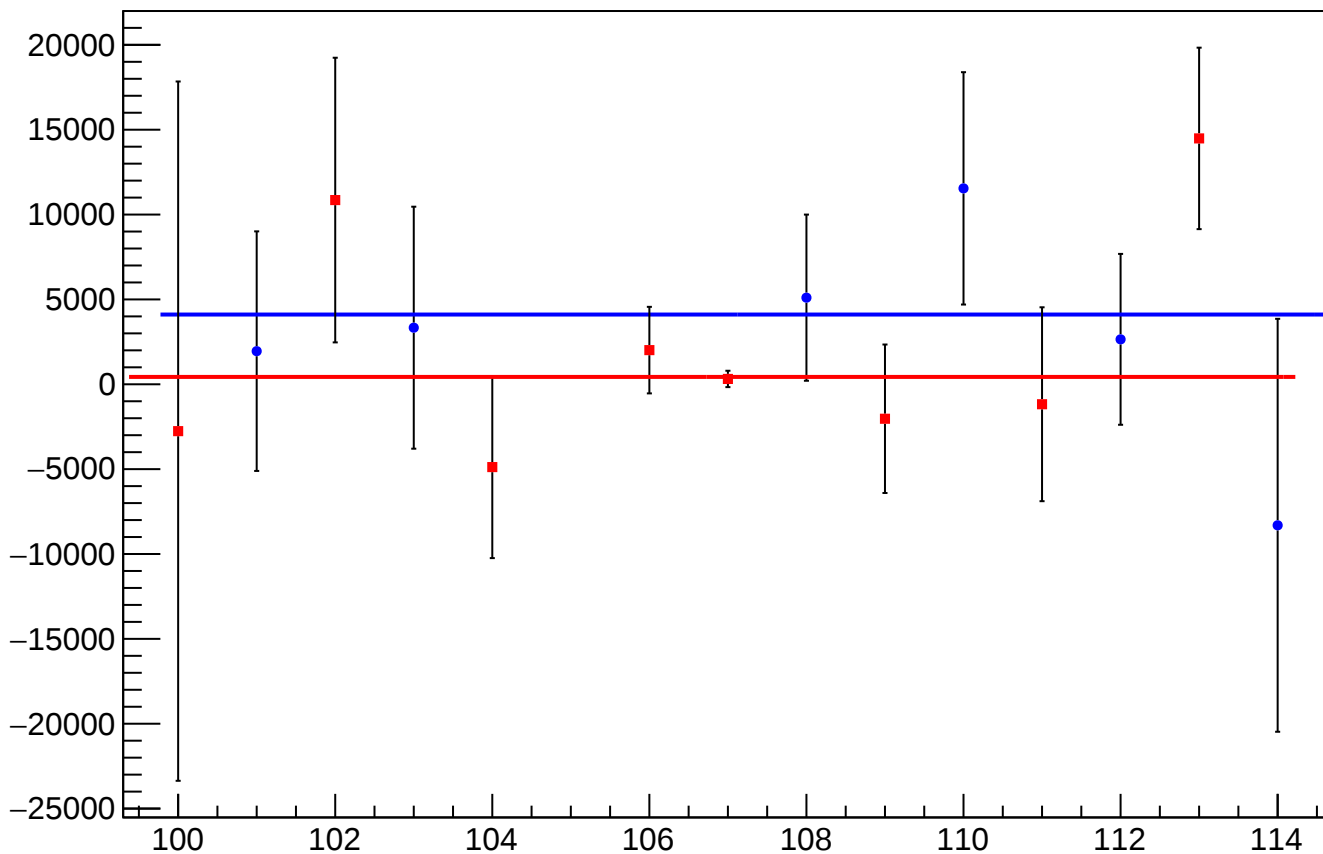
Right: 2012.356+/-0.615 χ^2/NDF : 284302.1/13

In: 1995.140+/-0.916 χ^2/NDF : 184931.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2012.356+/-0.615 χ^2/NDF : 284302.1/13

asym_atl1r2_dd_correction_mean vs Slug, Sign Corrected



Right In: 4109.585+/-2590.337 χ^2/NDF : 2.5/5

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

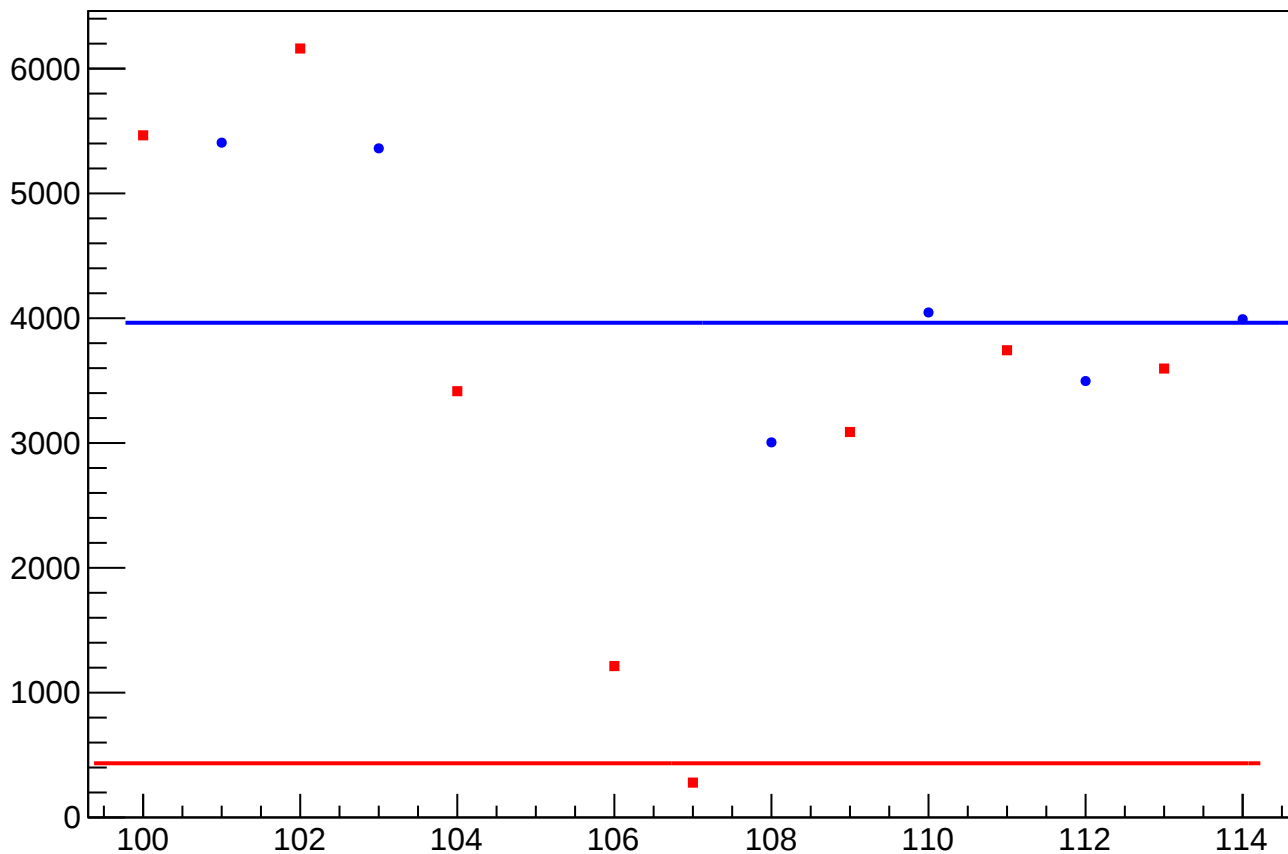
Right: 548.705+/-457.380 χ^2/NDF : 14.7/13

In: 4109.585+/-2590.337 χ^2/NDF : 2.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 548.705+/-457.380 χ^2/NDF : 14.7/13

asym_atl1r2_dd_correction_rms vs Slug, Sign Corrected



Right In: 3963.627+/-1.832 χ^2/NDF : 254603.9/5

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

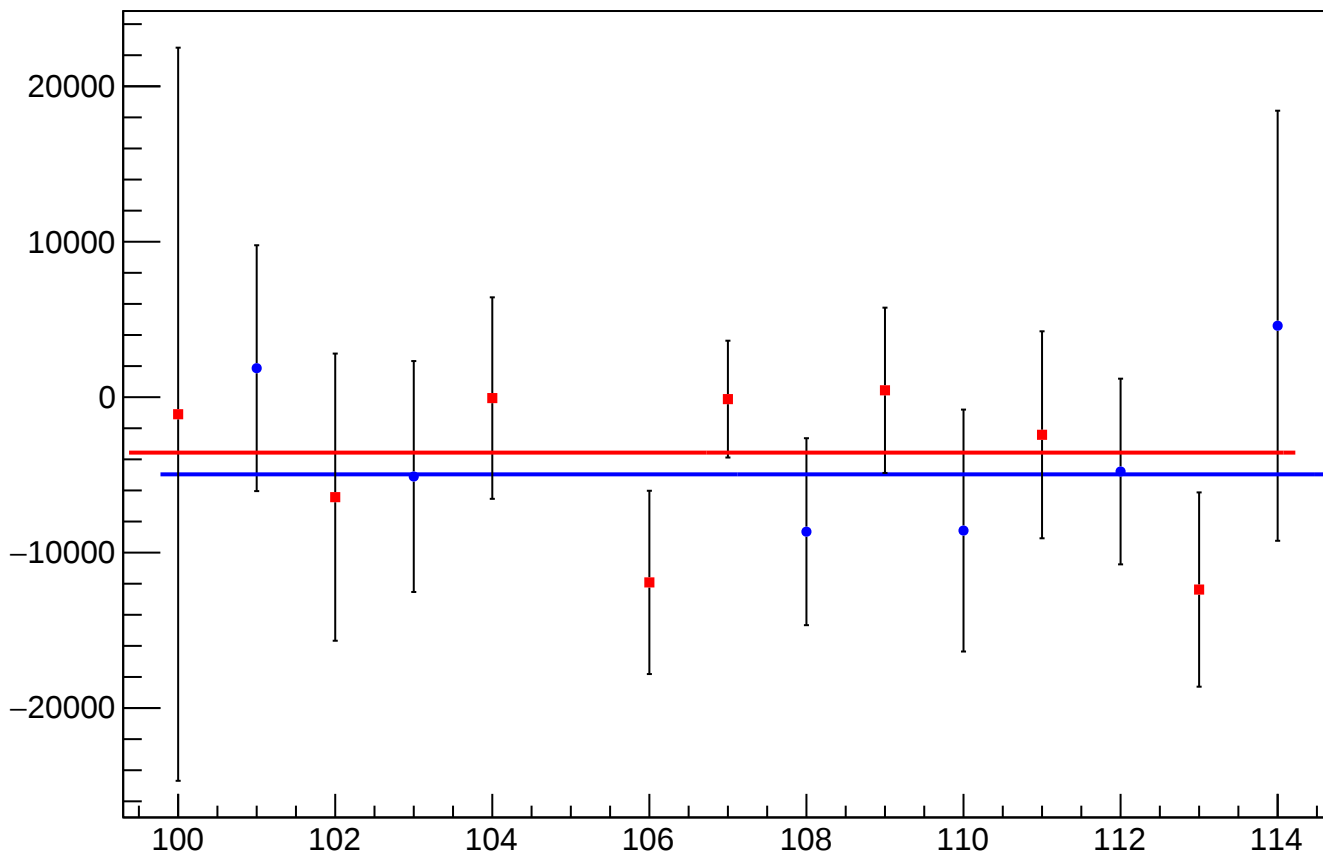
Right: 544.141+/-0.323 χ^2/NDF : 8023076.4/13

In: 3963.627+/-1.832 χ^2/NDF : 254603.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 544.141+/-0.323 χ^2/NDF : 8023076.4/13

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -4964.581+/-2994.353 χ^2/NDF : 1.8/5

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

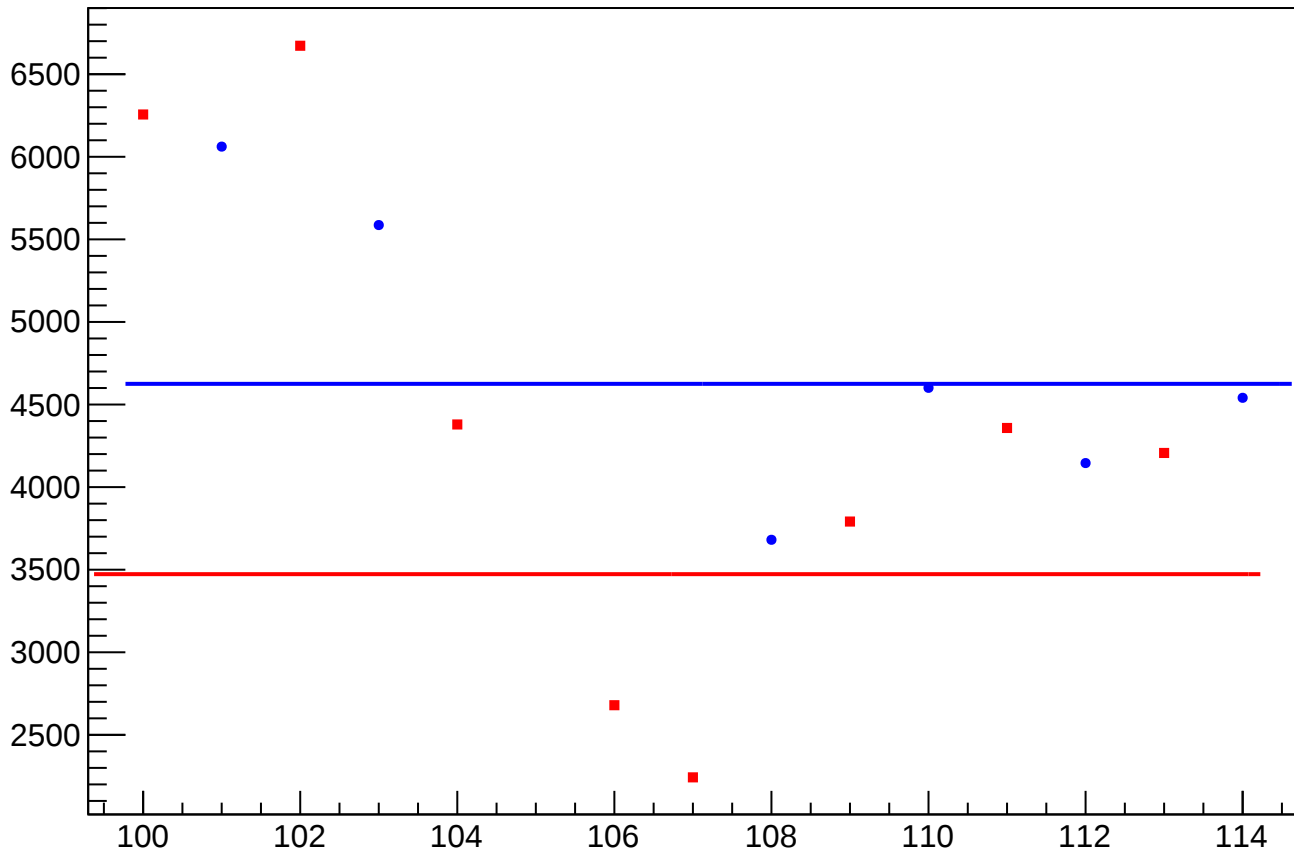
Right: -4036.024+/-1735.565 χ^2/NDF : 7.8/13

In: -4964.581+/-2994.353 χ^2/NDF : 1.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4036.024+/-1735.565 χ^2/NDF : 7.8/13

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 4625.263+/-2.117 χ^2/NDF : 161765.5/5

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

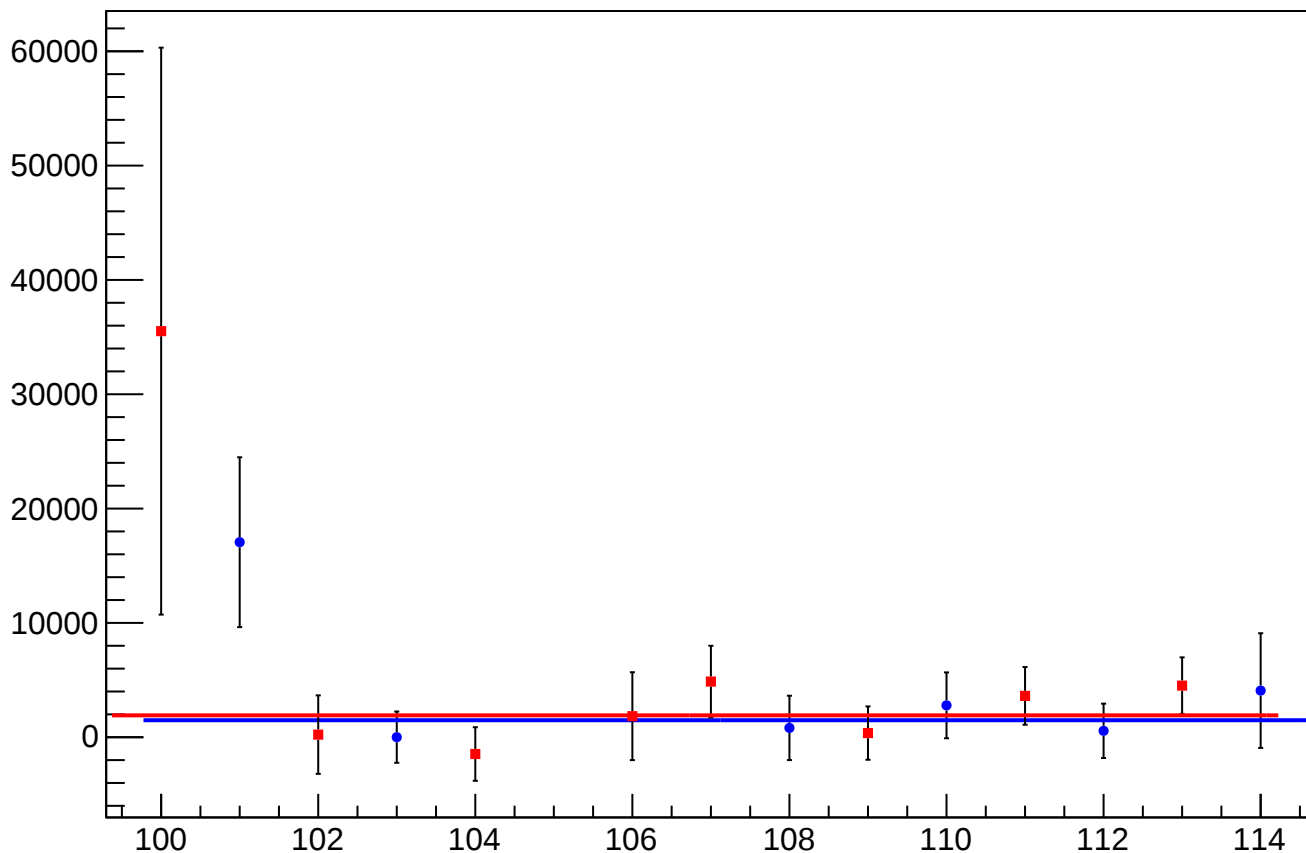
Right: 3854.134+/-1.218 χ^2/NDF : 994125.5/13

In: 4625.263+/-2.117 χ^2/NDF : 161765.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3854.134+/-1.218 χ^2/NDF : 994125.5/13

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1485.497+/-1212.452 χ^2/NDF : 5.5/5

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

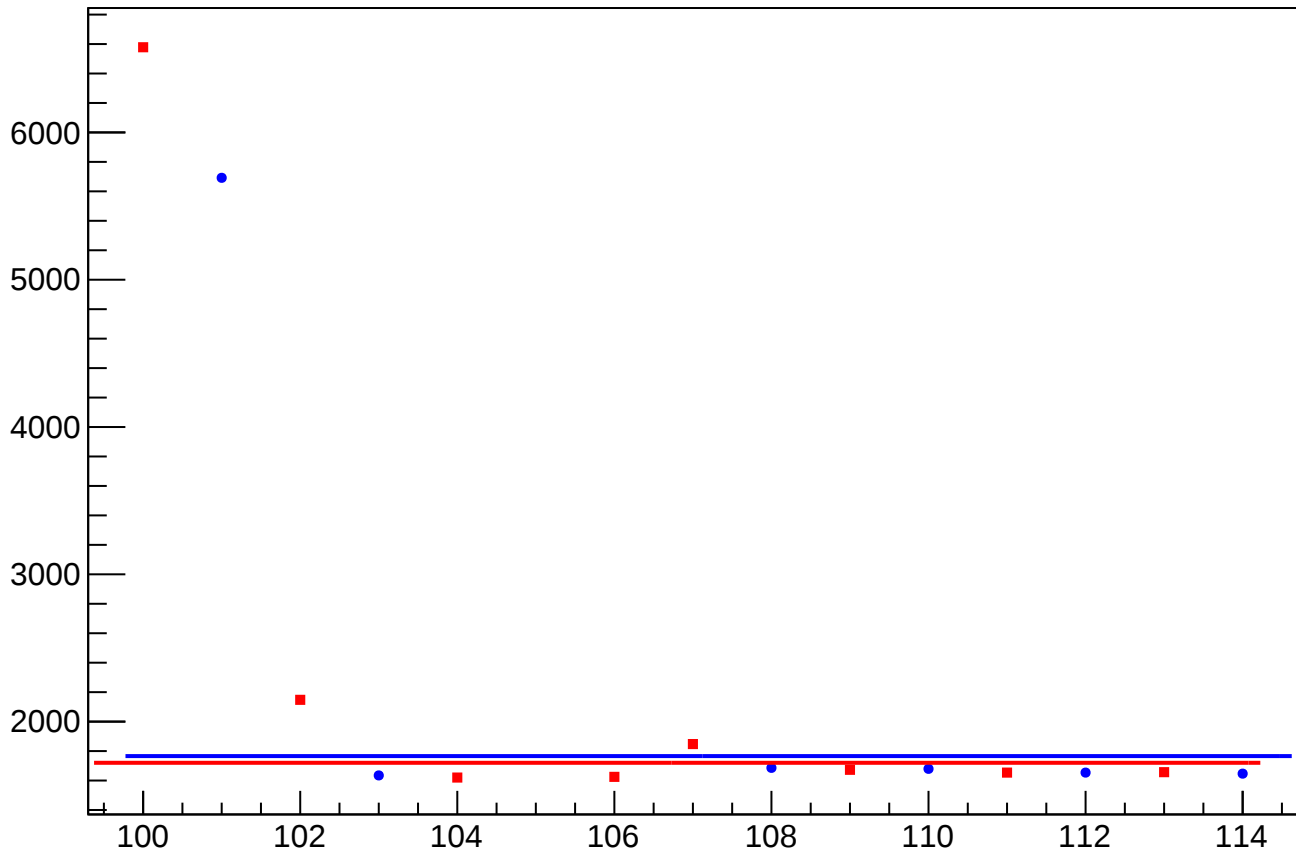
Right: 1734.408+/-784.909 χ^2/NDF : 12.6/13

In: 1485.497+/-1212.452 χ^2/NDF : 5.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1734.408+/-784.909 χ^2/NDF : 12.6/13

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1765.934+/-0.857 χ^2/NDF : 574563.8/5

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

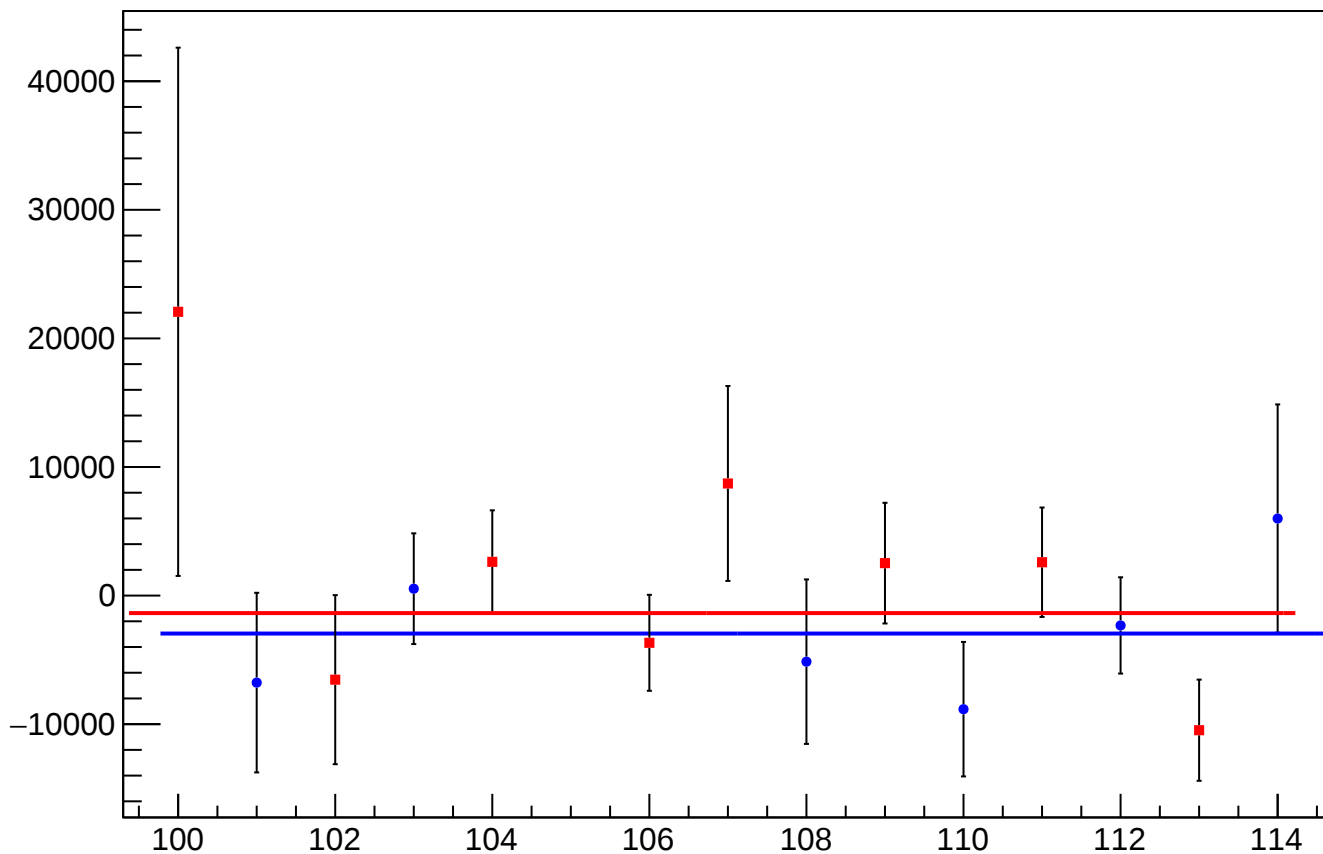
Right: 1739.159+/-0.550 χ^2/NDF : 696296.9/13

In: 1765.934+/-0.857 χ^2/NDF : 574563.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1739.159+/-0.550 χ^2/NDF : 696296.9/13

asym_atr1l2_avg_correction_mean vs Slug, Sign Corrected



Right In: -2952.506+/-2134.496 χ^2/NDF : 3.4/5

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

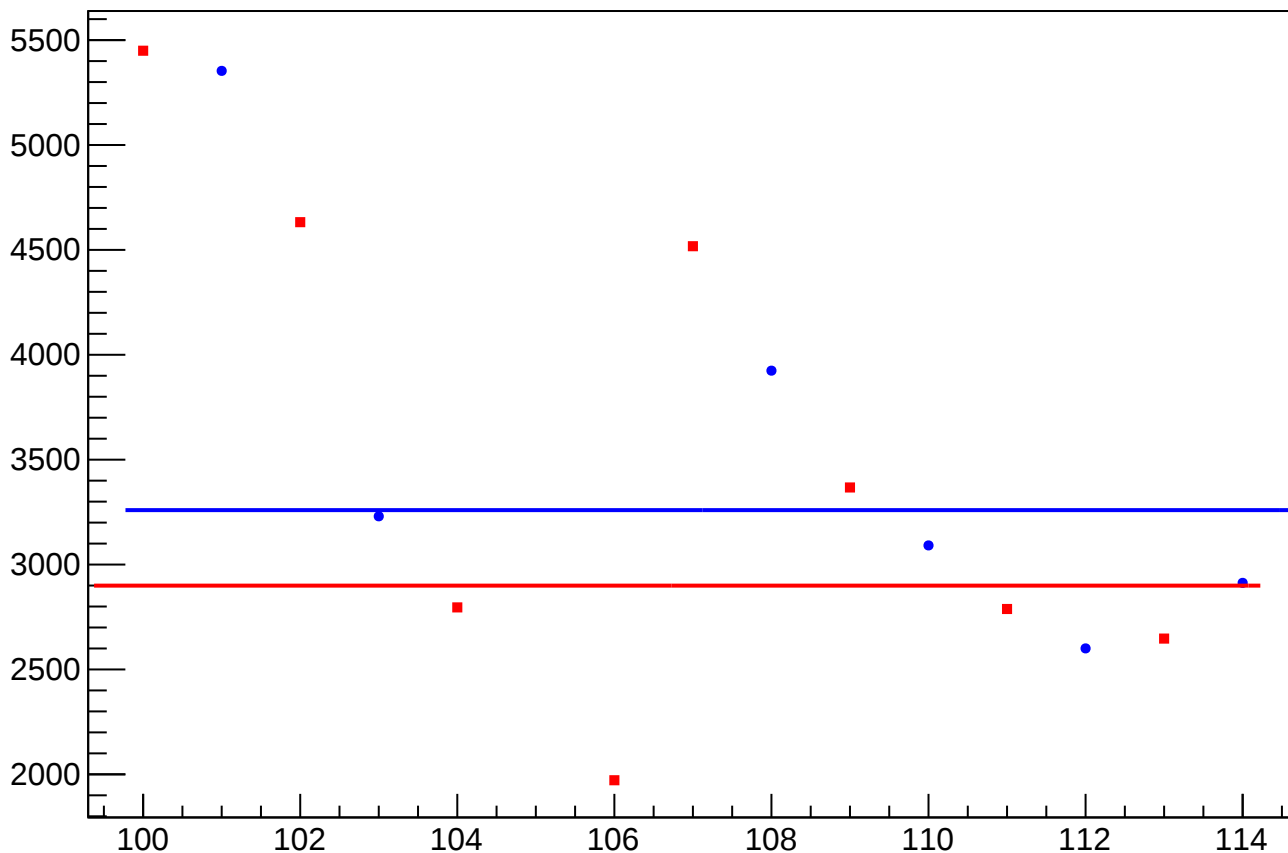
Right: -1983.181+/-1334.152 χ^2/NDF : 15.7/13

In: -2952.506+/-2134.496 χ^2/NDF : 3.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1983.181+/-1334.152 χ^2/NDF : 15.7/13

asym_atr1l2_avg_correction_rms vs Slug, Sign Corrected



Right In: 3259.509+/-1.509 χ^2/NDF : 268557.1/5

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

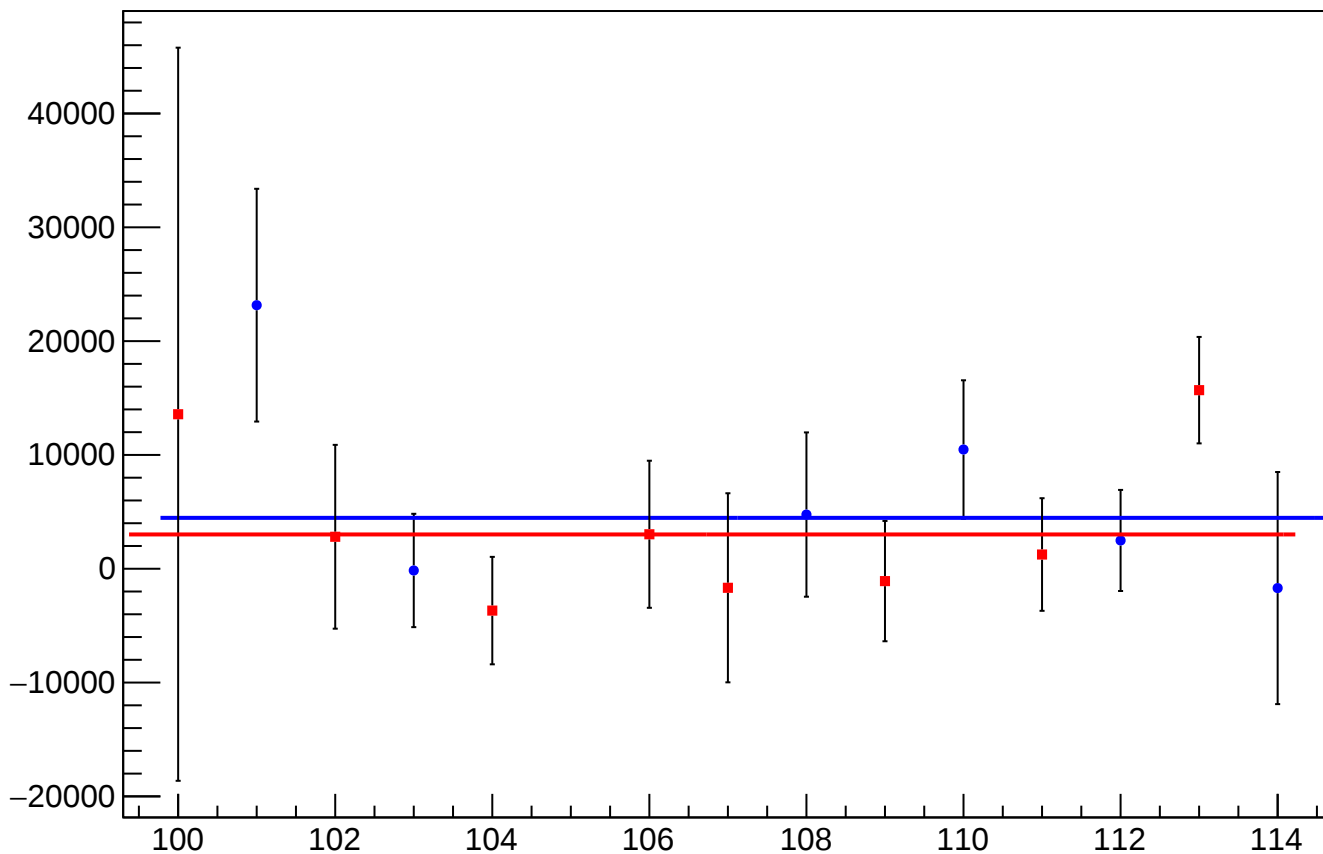
Right: 3040.204+/-0.943 χ^2/NDF : 718466.9/13

In: 3259.509+/-1.509 χ^2/NDF : 268557.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3040.204+/-0.943 χ^2/NDF : 718466.9/13

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 4471.853+/-2528.242 χ^2/NDF : 5.7/5

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

Right Out: 3014.135+/-2122.374 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

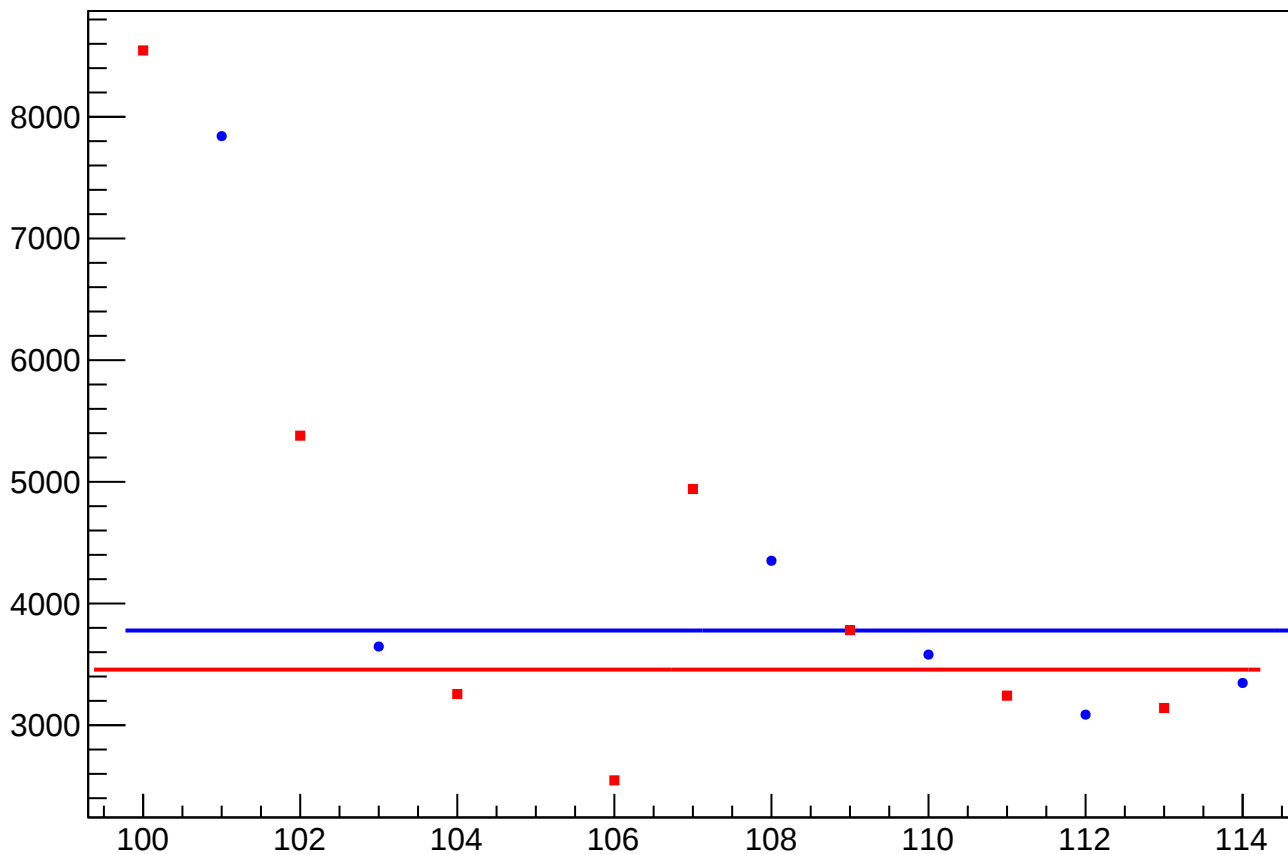
Right: 3616.738+/-1625.539 χ^2/NDF : 16.5/13

In: 4471.853+/-2528.242 χ^2/NDF : 5.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3616.738+/-1625.539 χ^2/NDF : 16.5/13

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 3778.127+/-1.788 χ^2/NDF : 383954.1/5

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

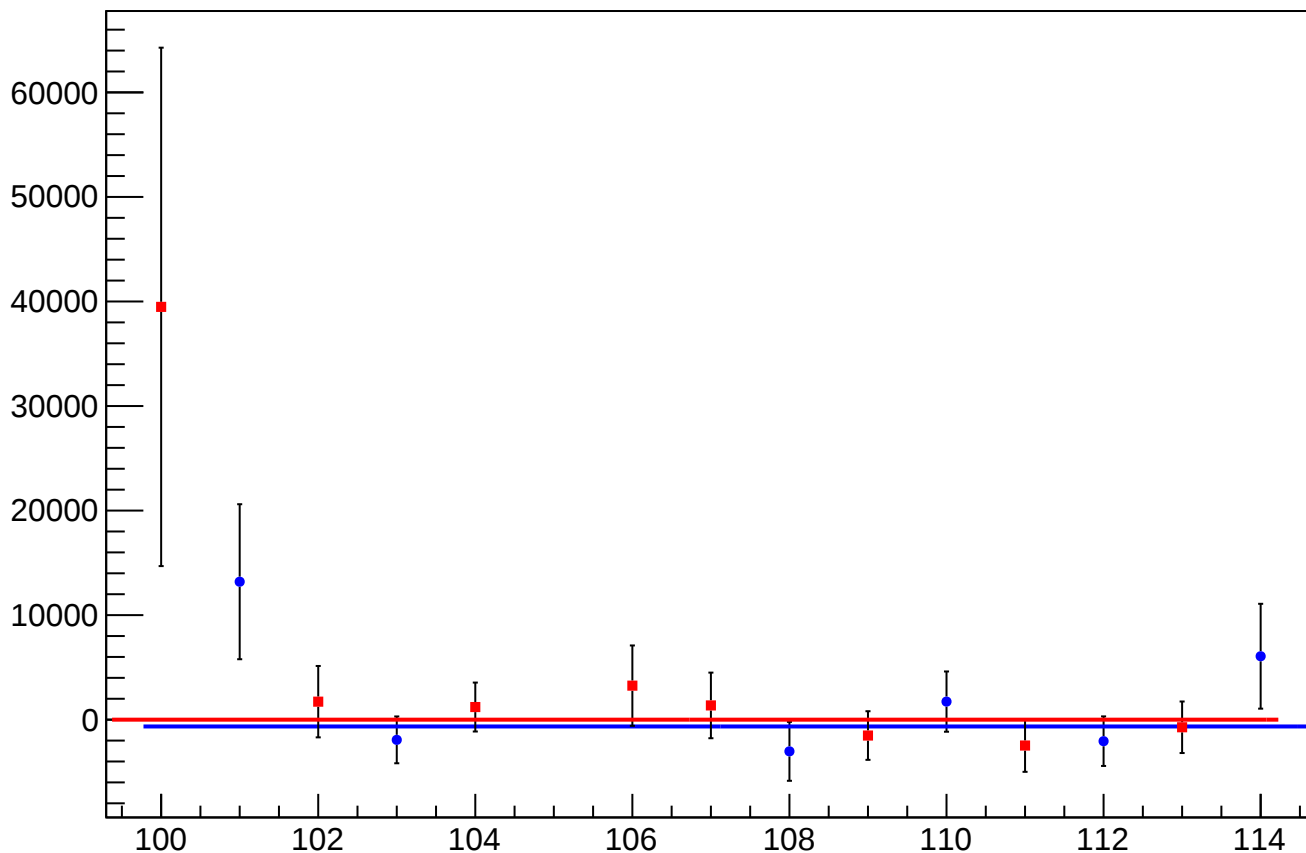
Right: 3584.601+/-1.127 χ^2/NDF : 719036.8/13

In: 3778.127+/-1.788 χ^2/NDF : 383954.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3584.601+/-1.127 χ^2/NDF : 719036.8/13

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -650.152+/-1211.120 χ^2/NDF : 7.4/5

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

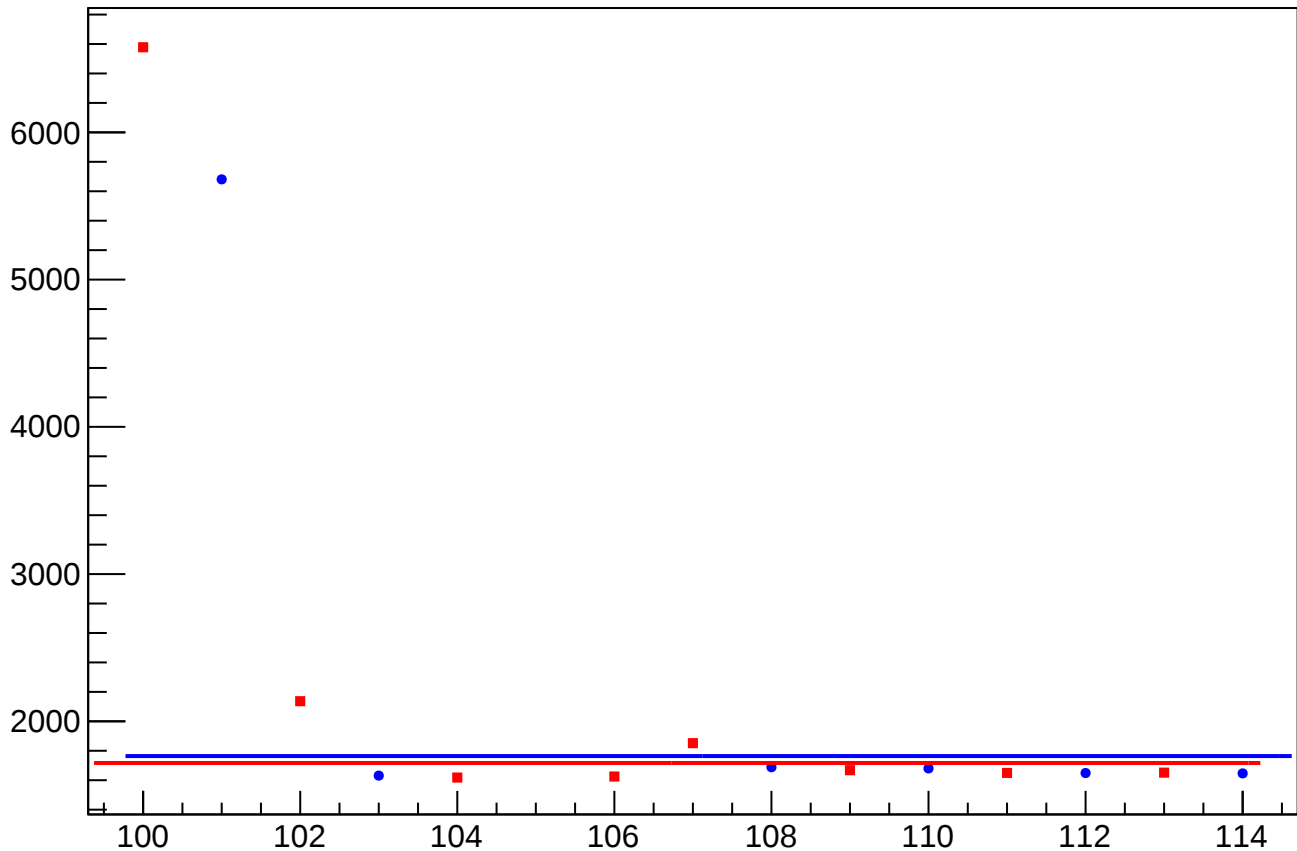
Right: -271.953+/-783.625 χ^2/NDF : 13.0/13

In: -650.152+/-1211.120 χ^2/NDF : 7.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -271.953+/-783.625 χ^2/NDF : 13.0/13

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1764.030+/-0.856 χ^2/NDF : 574208.7/5

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

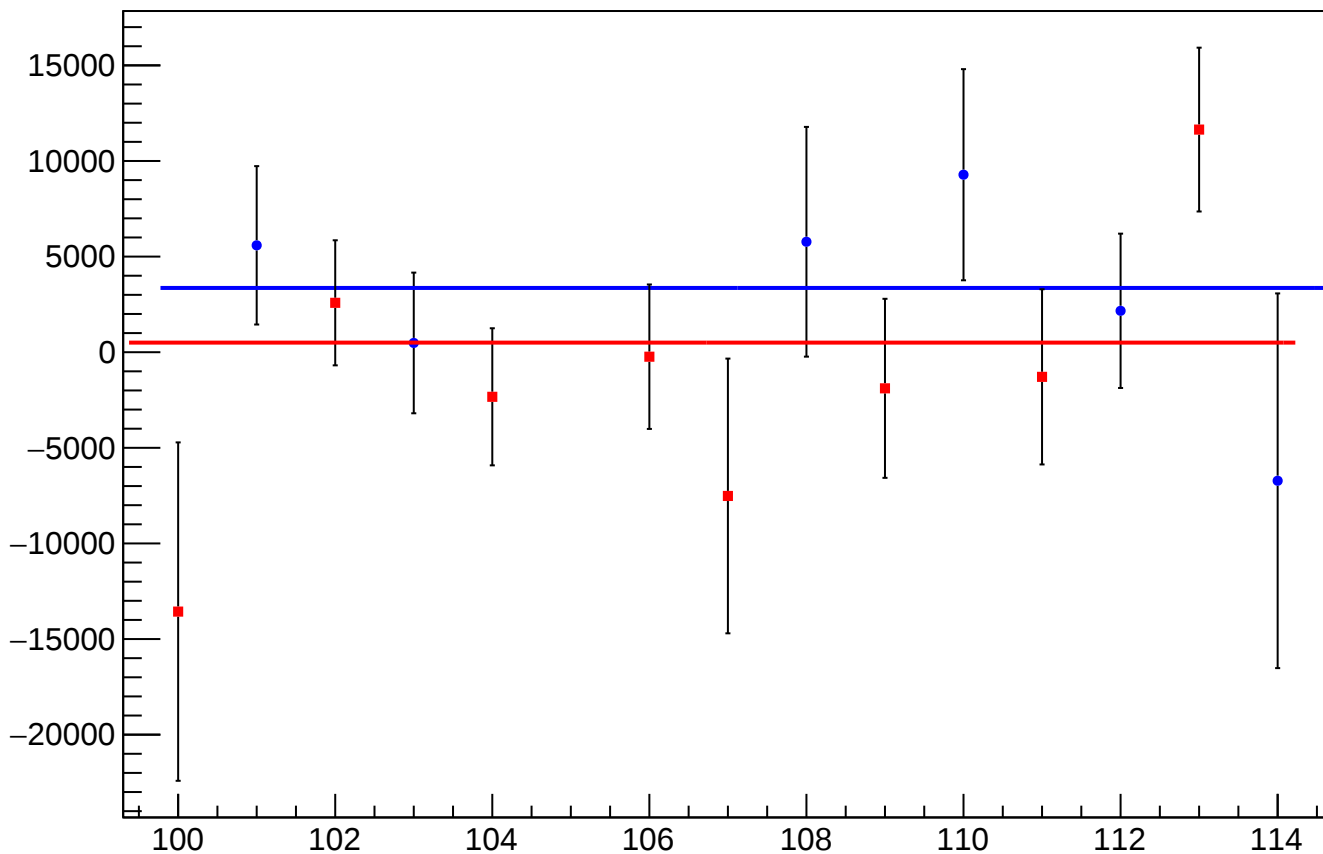
Right: 1736.416+/-0.549 χ^2/NDF : 695690.2/13

In: 1764.030+/-0.856 χ^2/NDF : 574208.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1736.416+/-0.549 χ^2/NDF : 695690.2/13

asym_atr1l2_dd_correction_mean vs Slug, Sign Corrected



Right In: 3360.780+/-1944.135 χ^2/NDF : 3.4/5

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

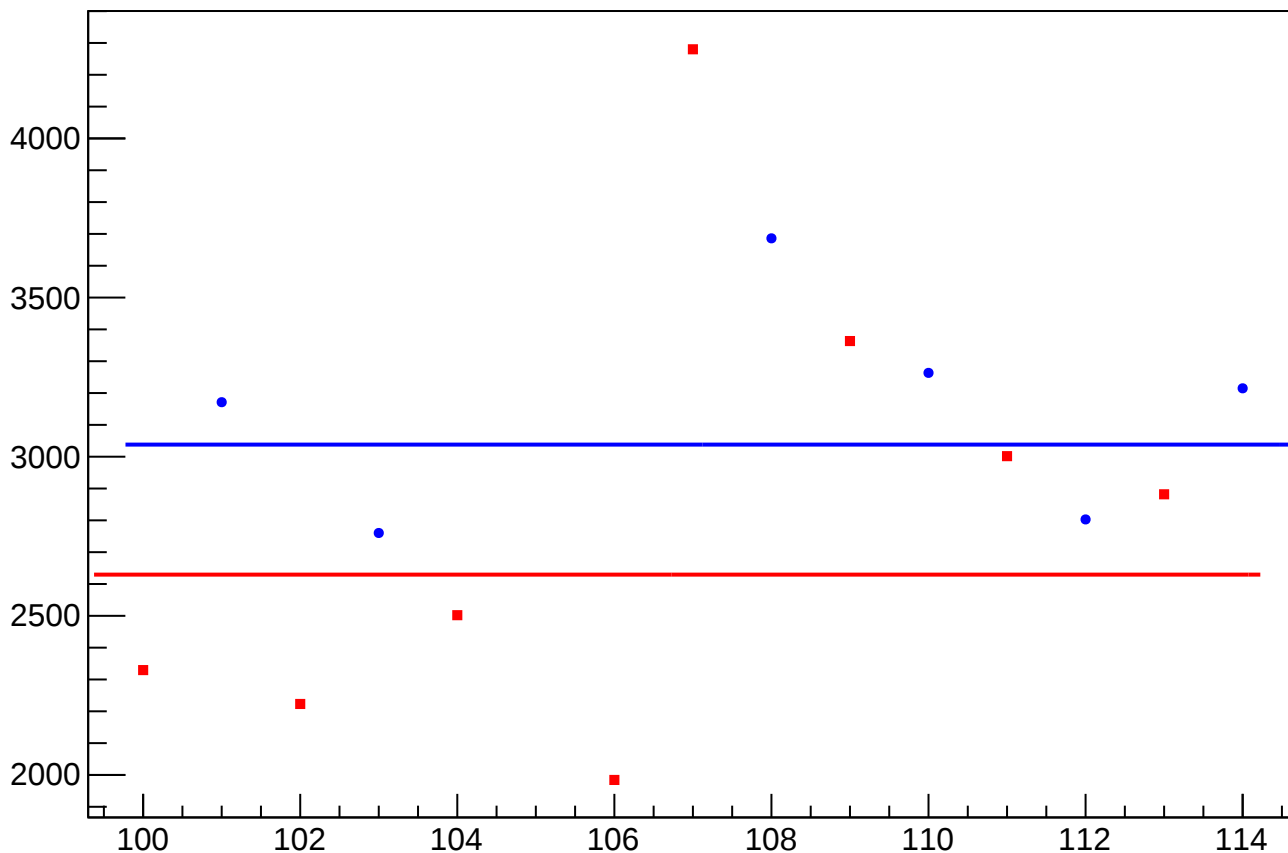
Right: 1604.584+/-1207.399 χ^2/NDF : 16.7/13

In: 3360.780+/-1944.135 χ^2/NDF : 3.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1604.584+/-1207.399 χ^2/NDF : 16.7/13

asym_atr1l2_dd_correction_rms vs Slug, Sign Corrected



Right In: 3038.011+/-1.375 χ^2/NDF : 47526.1/5

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

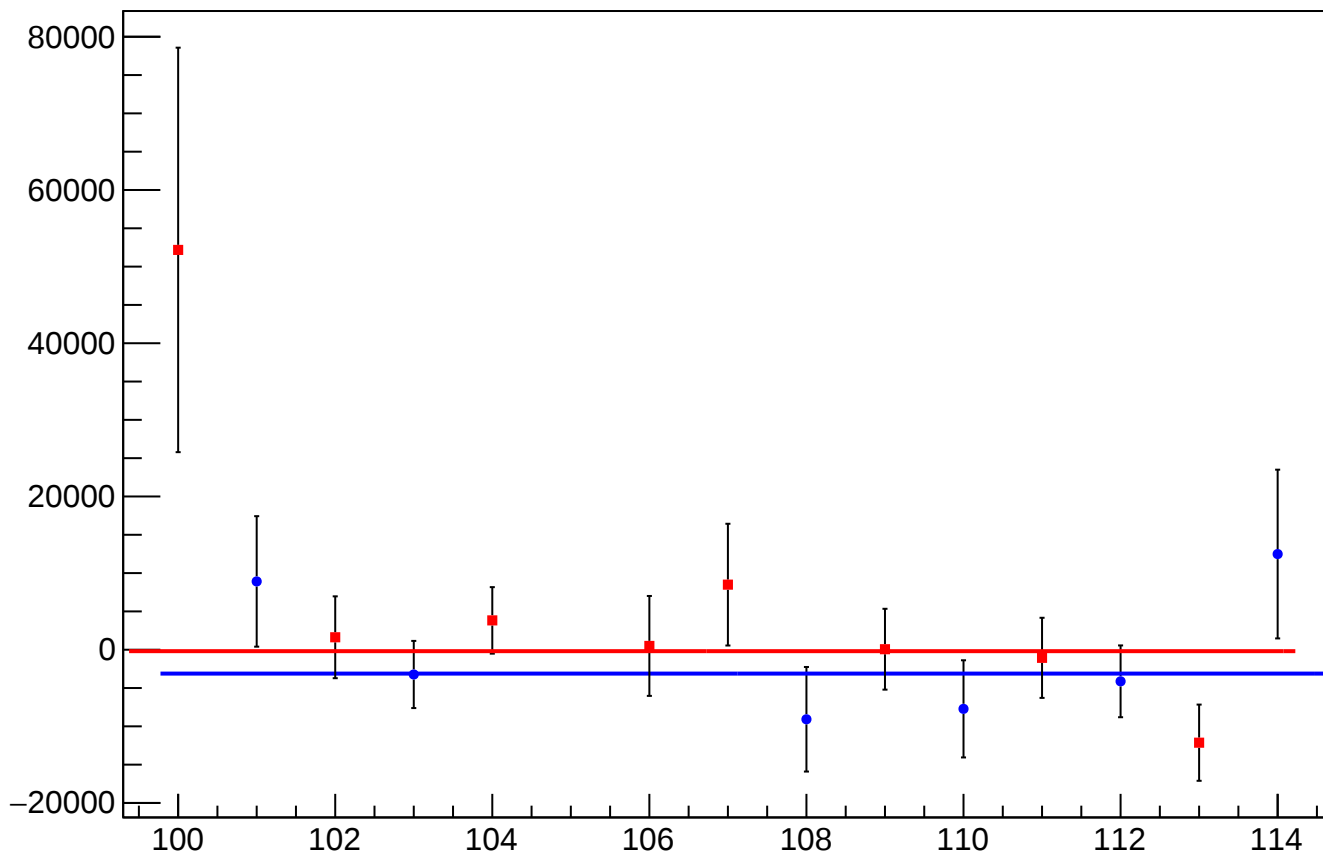
Right: 2787.044+/-0.854 χ^2/NDF : 370766.7/13

In: 3038.011+/-1.375 χ^2/NDF : 47526.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2787.044+/-0.854 χ^2/NDF : 370766.7/13

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -3116.059+/-2454.426 χ^2/NDF : 5.3/5

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

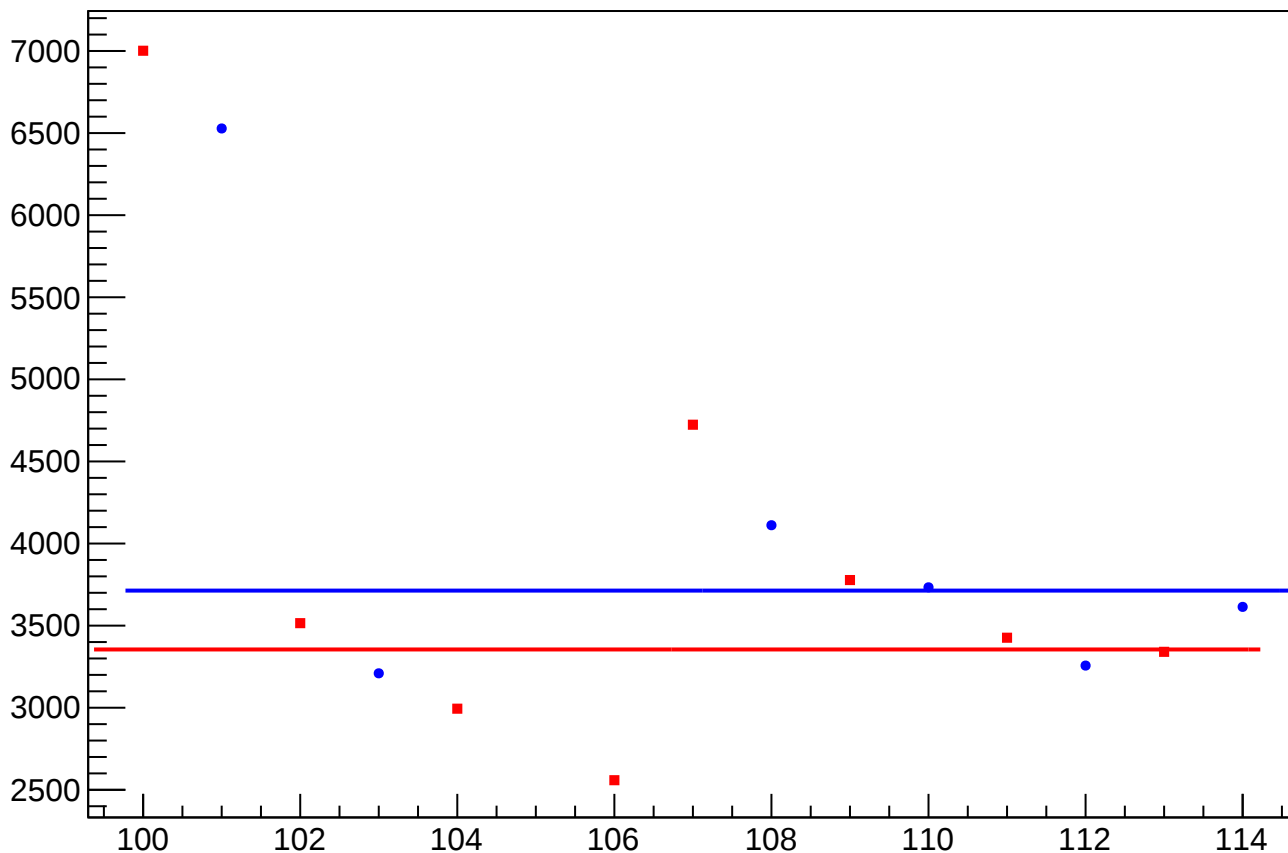
Right: -1379.979+/-1565.671 χ^2/NDF : 18.1/13

In: -3116.059+/-2454.426 χ^2/NDF : 5.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1379.979+/-1565.671 χ^2/NDF : 18.1/13

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3713.391+/-1.736 χ^2/NDF : 270901.0/5

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

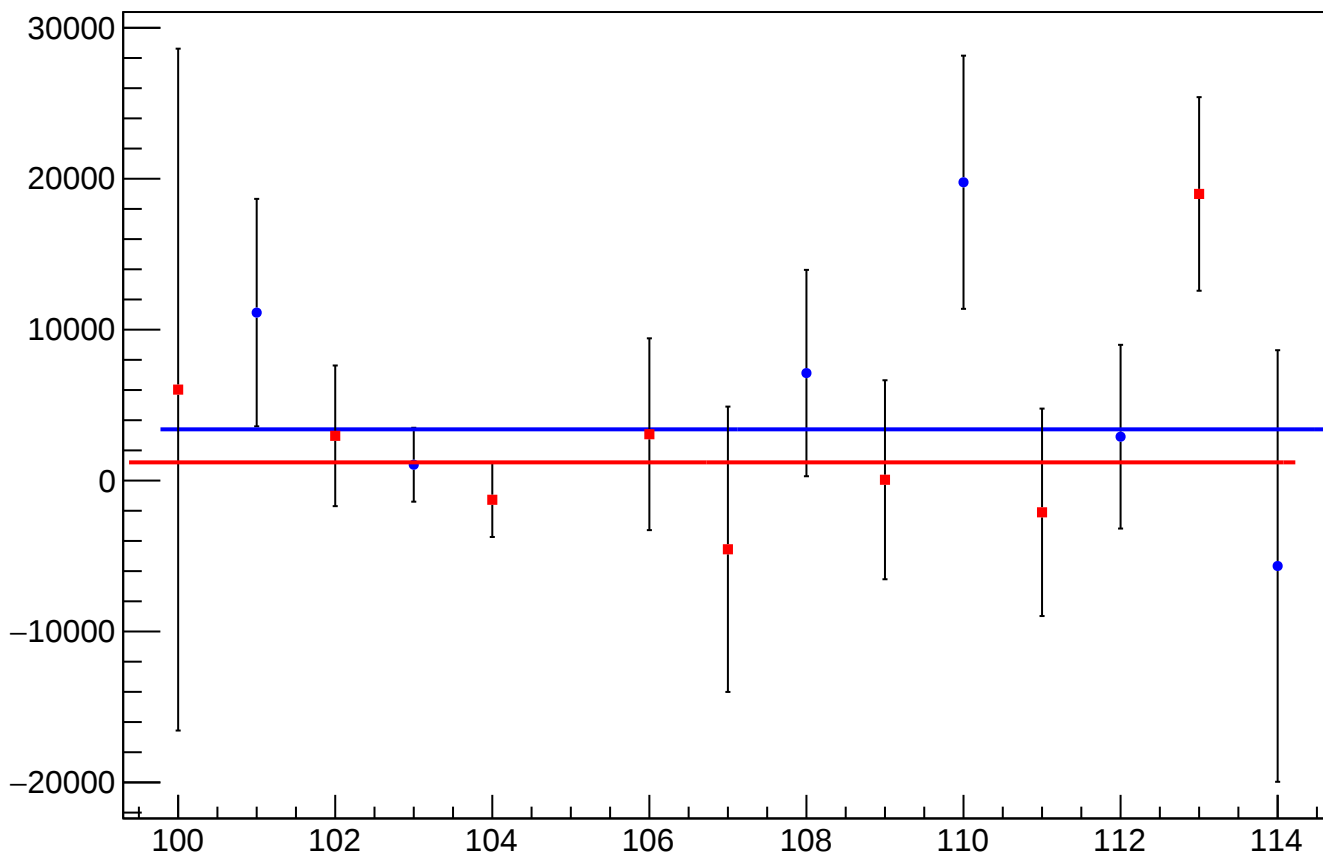
Right: 3495.583+/-1.087 χ^2/NDF : 472004.6/13

In: 3713.391+/-1.736 χ^2/NDF : 270901.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3495.583+/-1.087 χ^2/NDF : 472004.6/13

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3395.162+/-1992.611 χ^2/NDF : 6.5/5

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

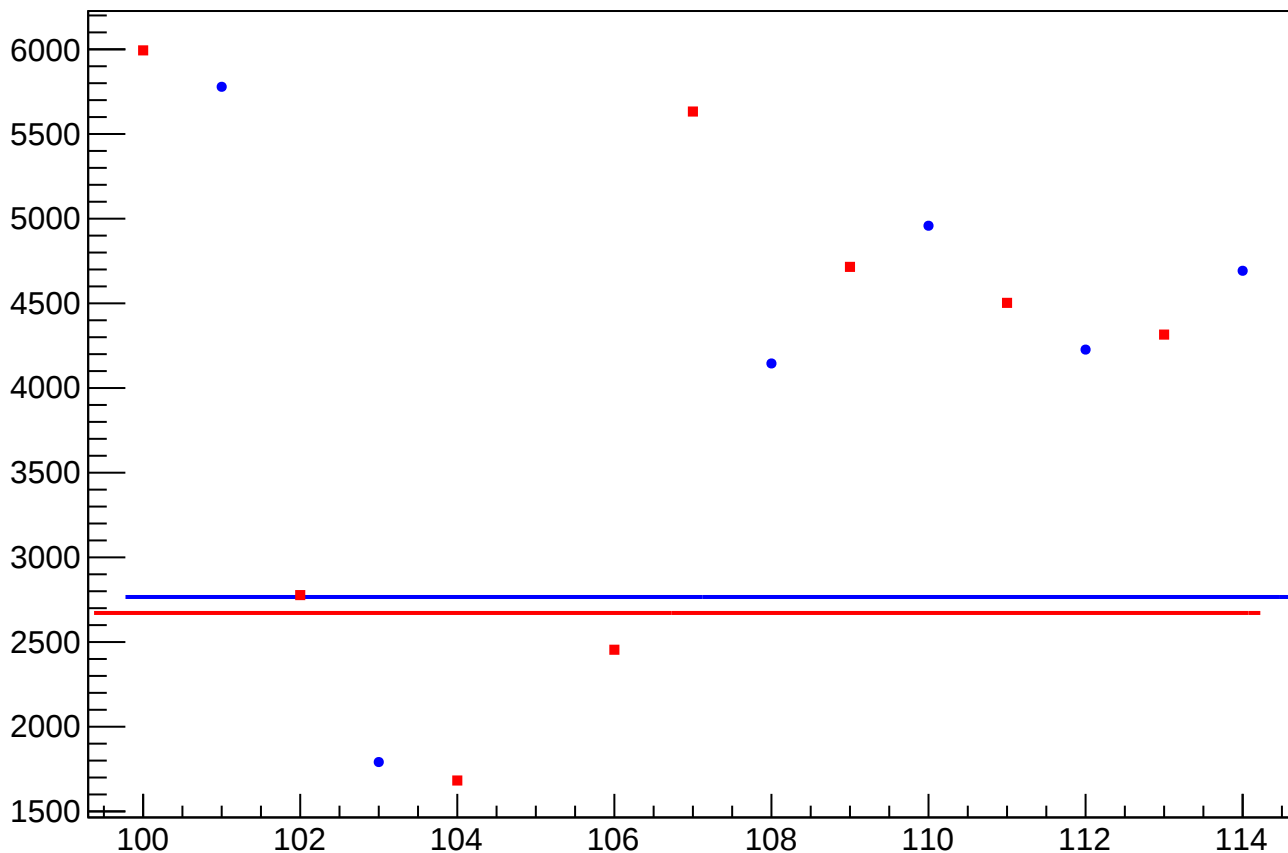
Right: 2175.762+/-1325.891 χ^2/NDF : 16.8/13

In: 3395.162+/-1992.611 χ^2/NDF : 6.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2175.762+/-1325.891 χ^2/NDF : 16.8/13

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2766.064+/-1.409 χ^2/NDF : 1005940.8/5

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

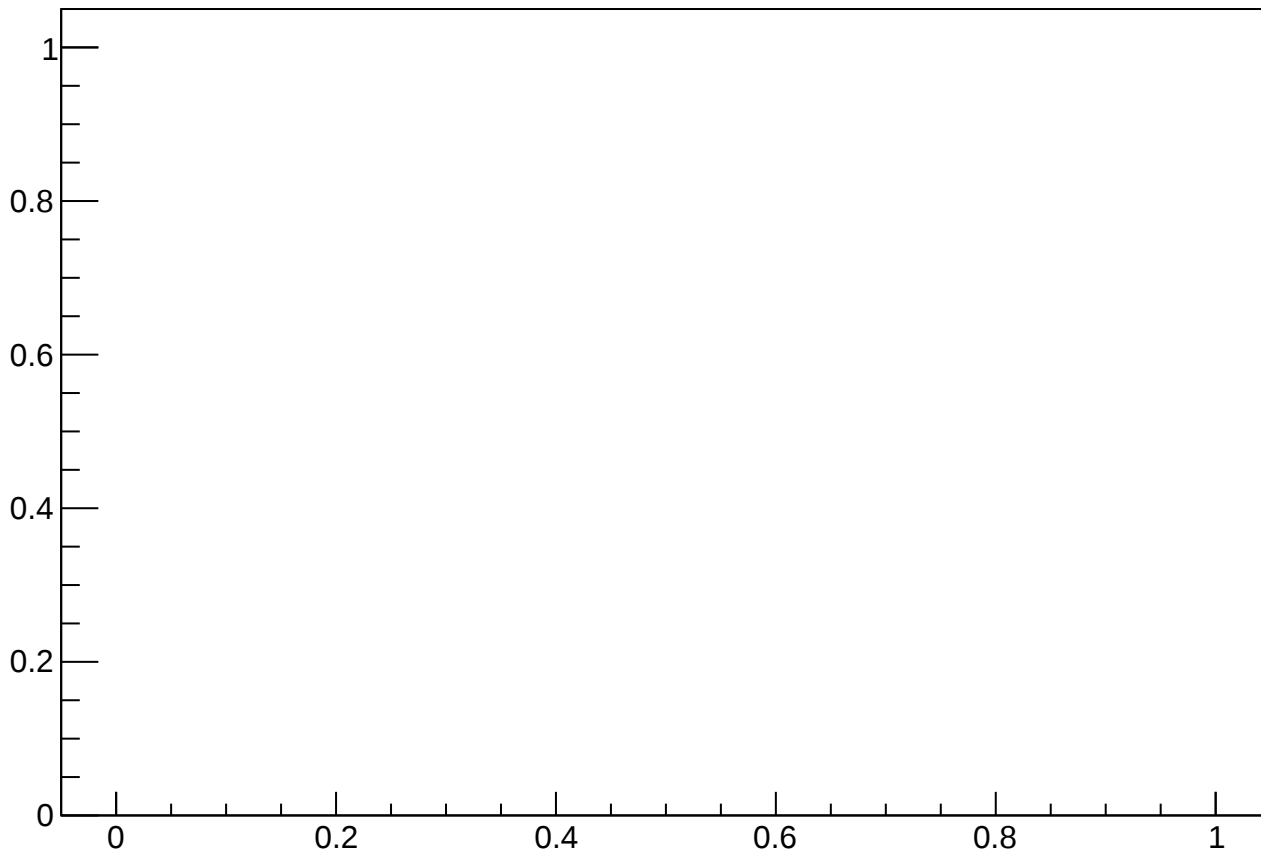
Right: 2712.783+/-0.930 χ^2/NDF : 2039762.2/13

In: 2766.064+/-1.409 χ^2/NDF : 1005940.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2712.783+/-0.930 χ^2/NDF : 2039762.2/13

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

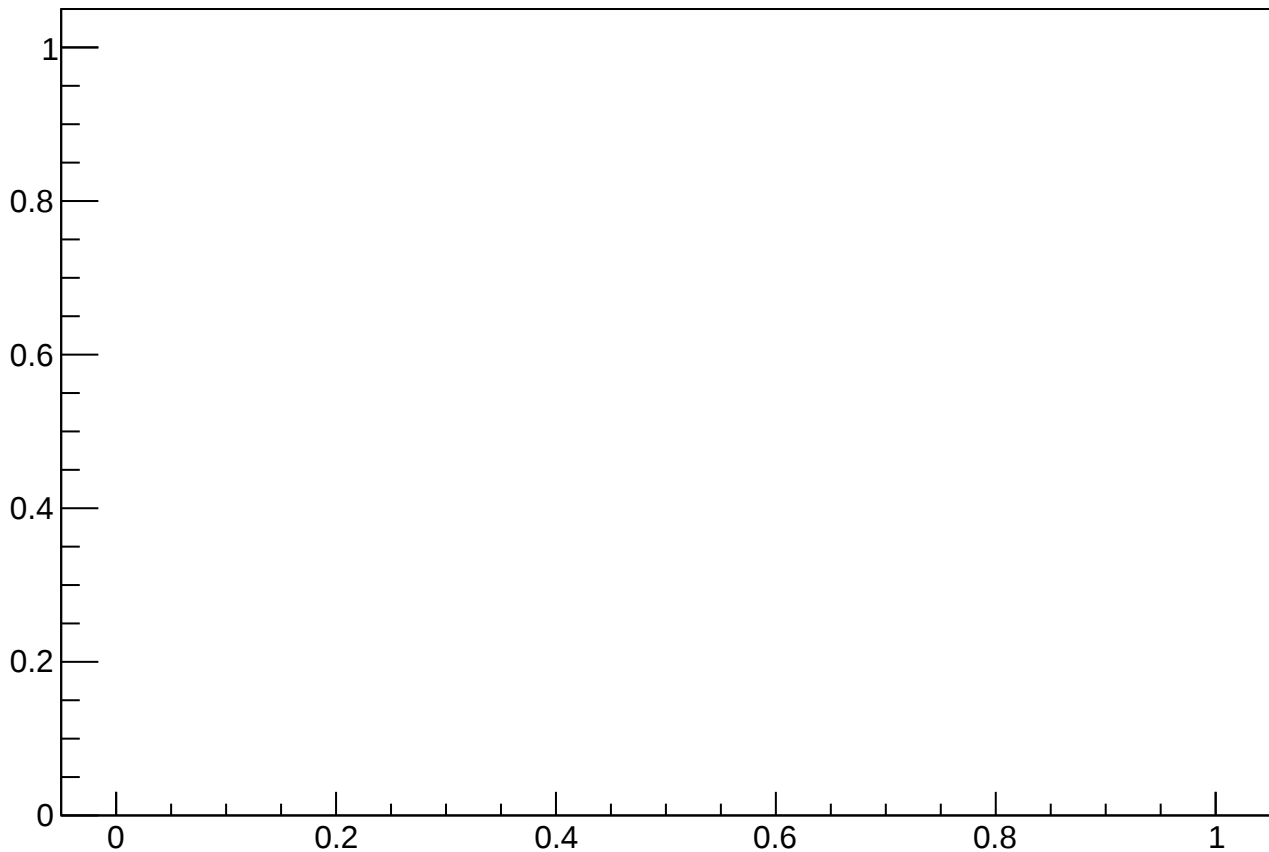
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

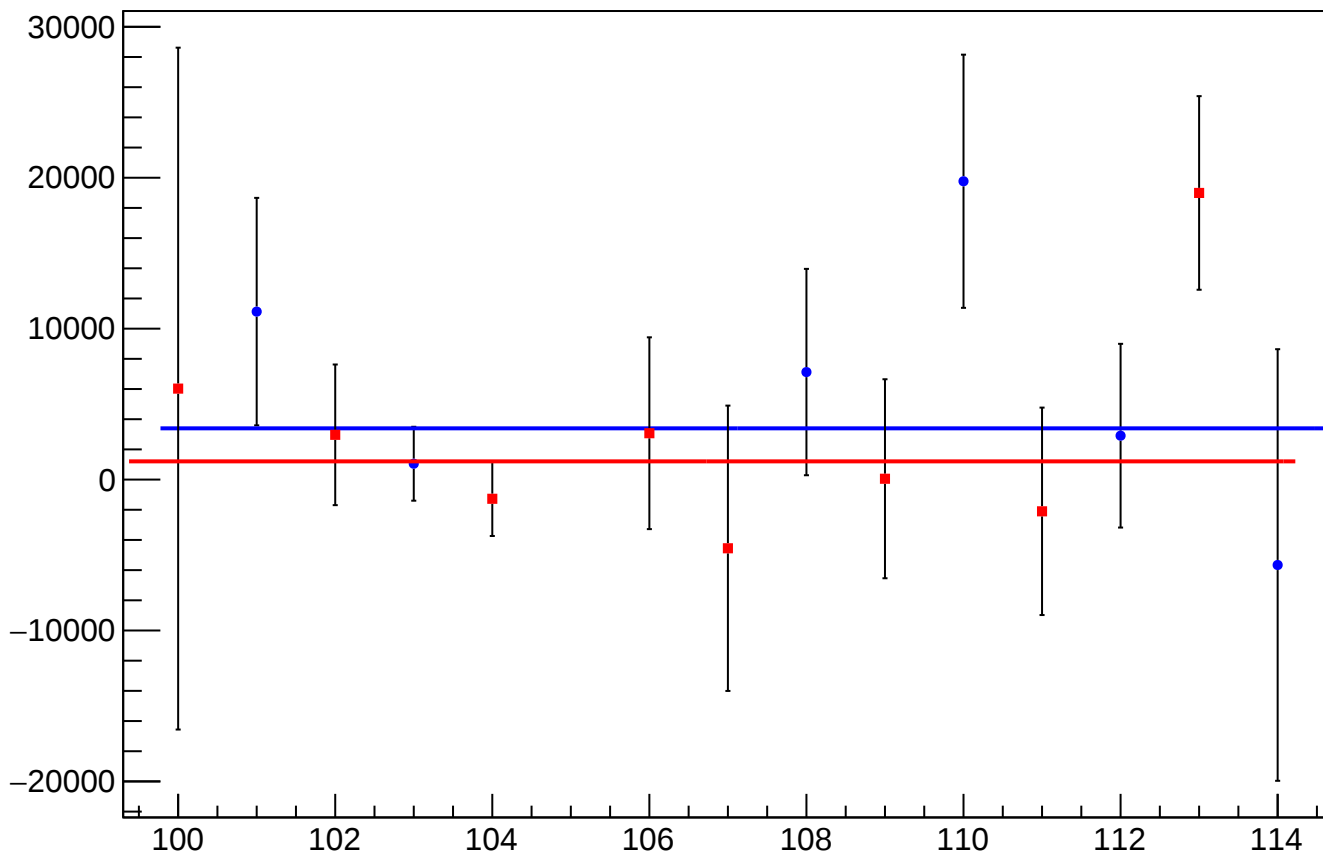
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 3395.162+/-1992.611 χ^2/NDF : 6.5/5

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

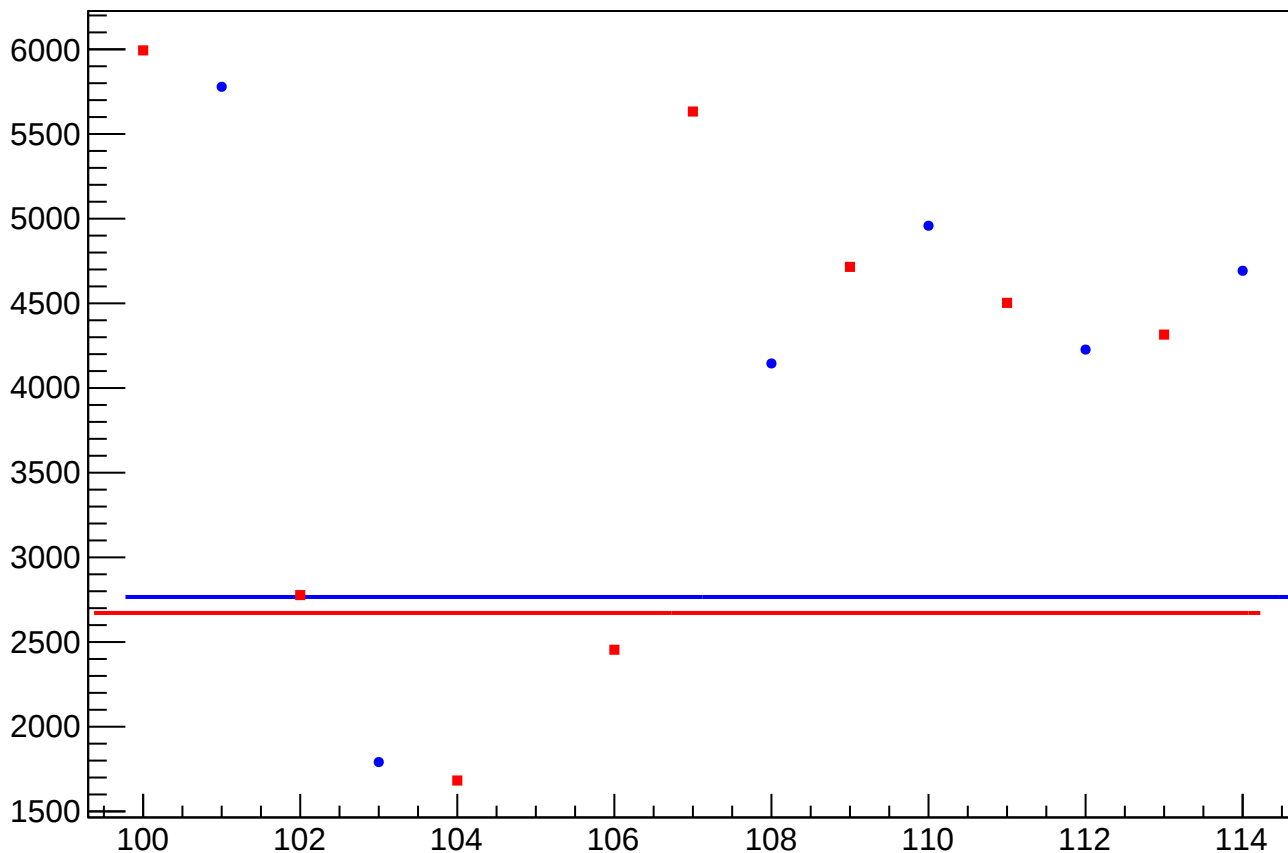
Right: 2175.762+/-1325.891 χ^2/NDF : 16.8/13

In: 3395.162+/-1992.611 χ^2/NDF : 6.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2175.762+/-1325.891 χ^2/NDF : 16.8/13

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2766.064+/-1.409 χ^2/NDF : 1005940.8/5

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

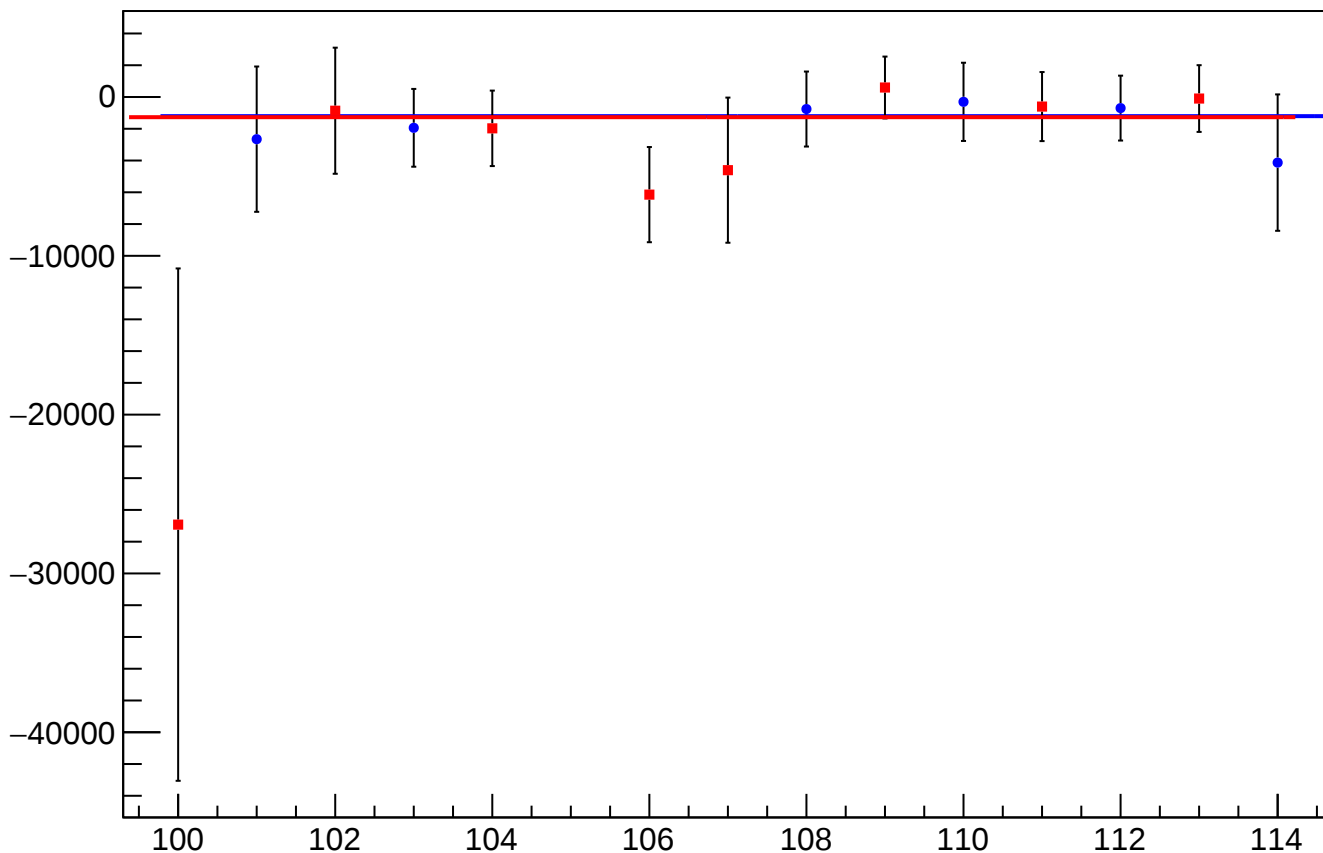
Right: 2712.783+/-0.930 χ^2/NDF : 2039762.2/13

In: 2766.064+/-1.409 χ^2/NDF :1005940.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2712.783+/-0.930 χ^2/NDF : 2039762.2/13

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1205.841+/-1083.029 χ^2/NDF : 0.9/5

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

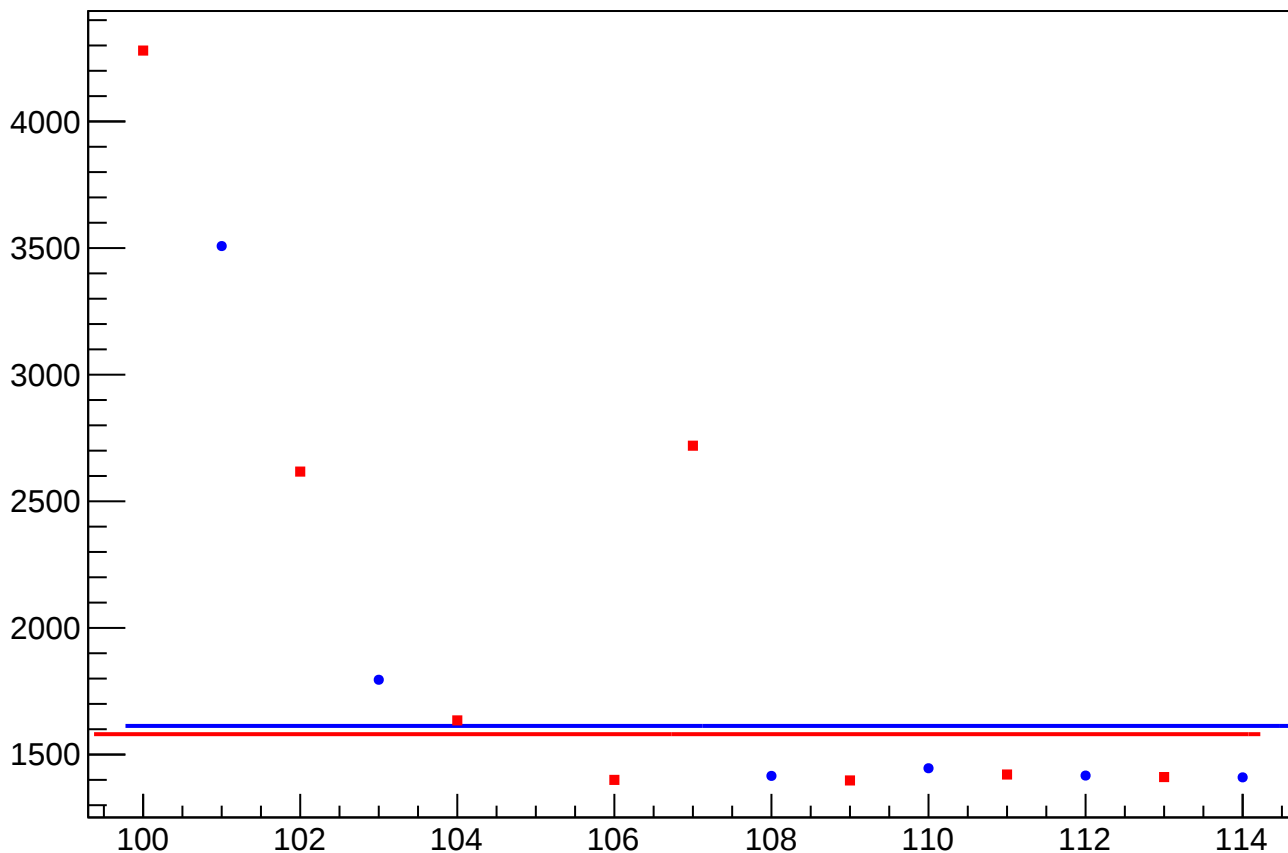
Right: -1242.583+/-714.649 χ^2/NDF : 8.0/13

In: -1205.841+/-1083.029 χ^2/NDF : 0.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1242.583+/-714.649 χ^2/NDF : 8.0/13

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1613.060+/-0.766 χ^2/NDF : 400256.4/5

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

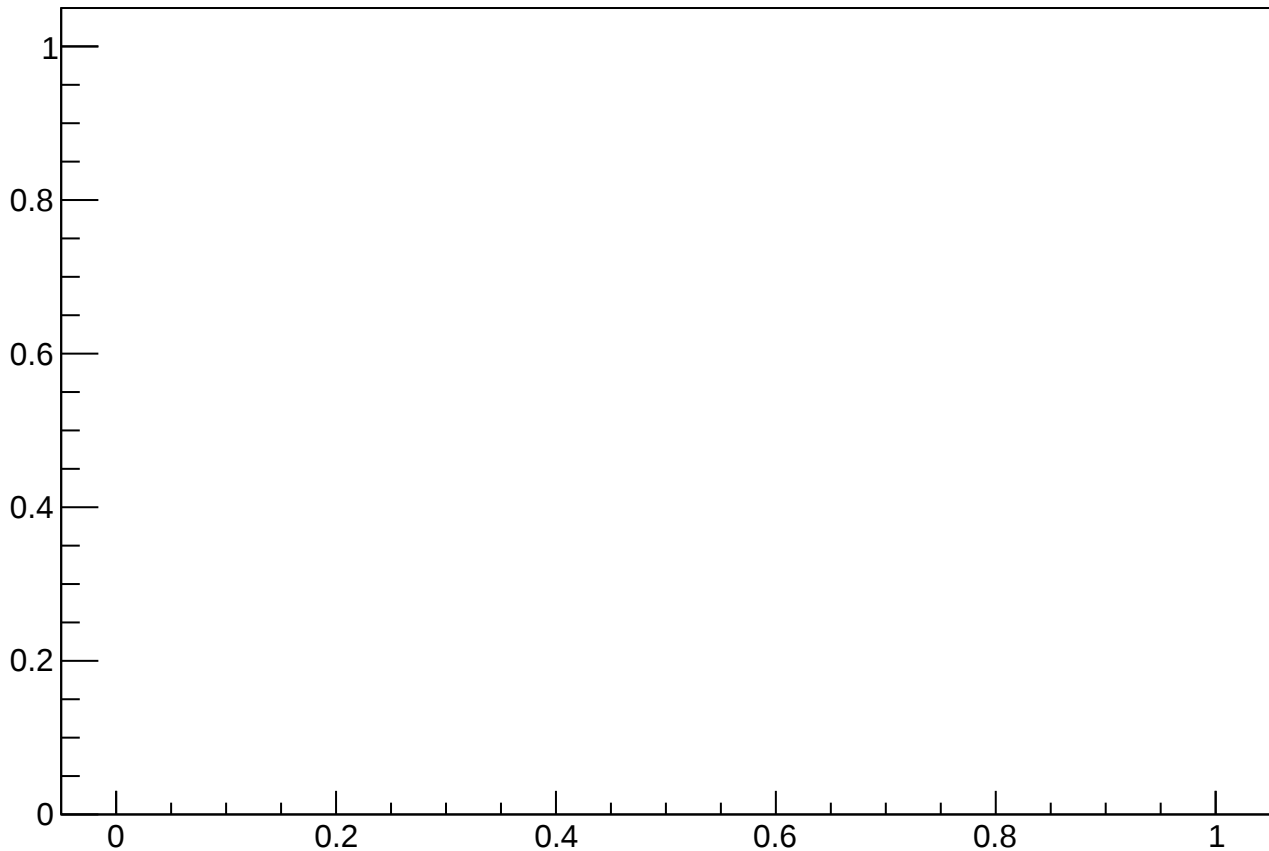
Right: 1594.656+/-0.505 χ^2/NDF : 767667.3/13

In: 1613.060+/-0.766 χ^2/NDF : 400256.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1594.656+/-0.505 χ^2/NDF : 767667.3/13

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

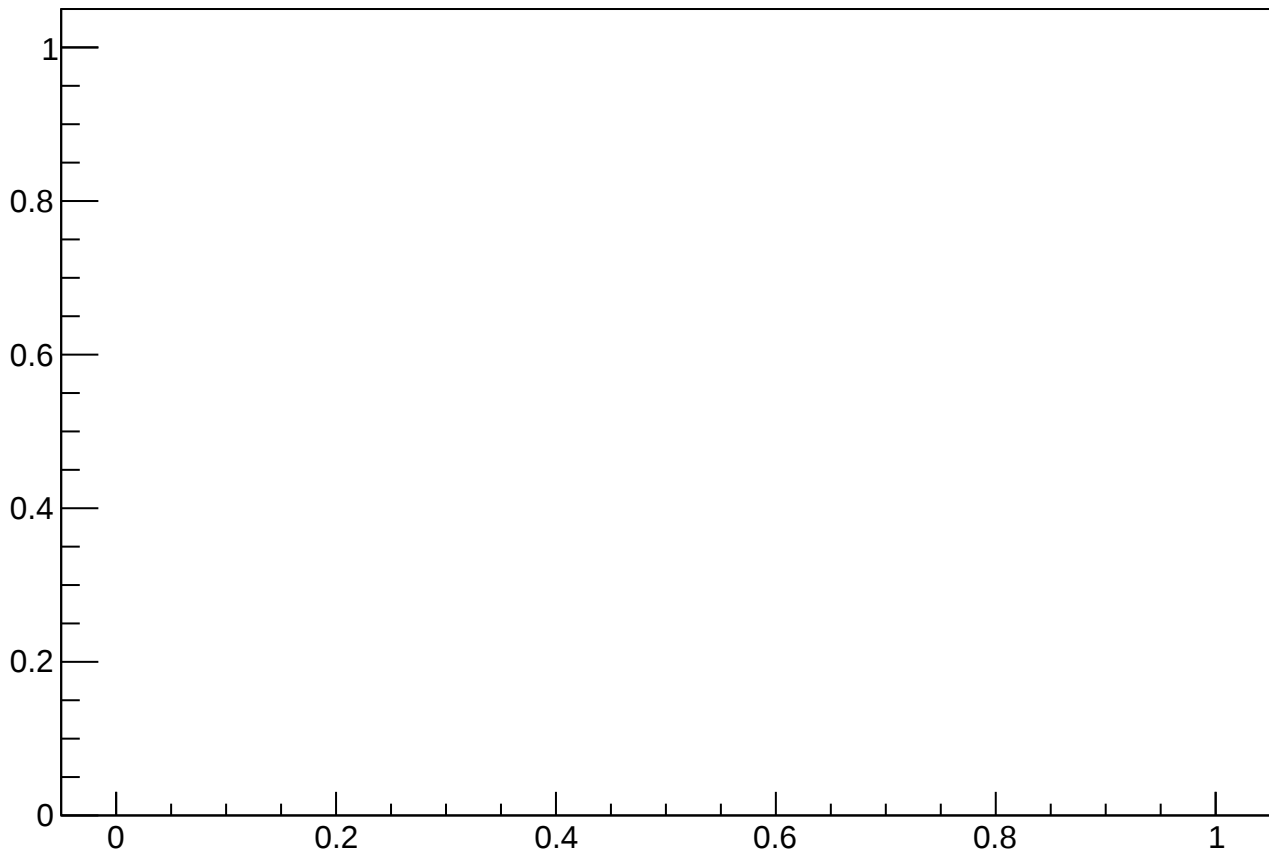
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

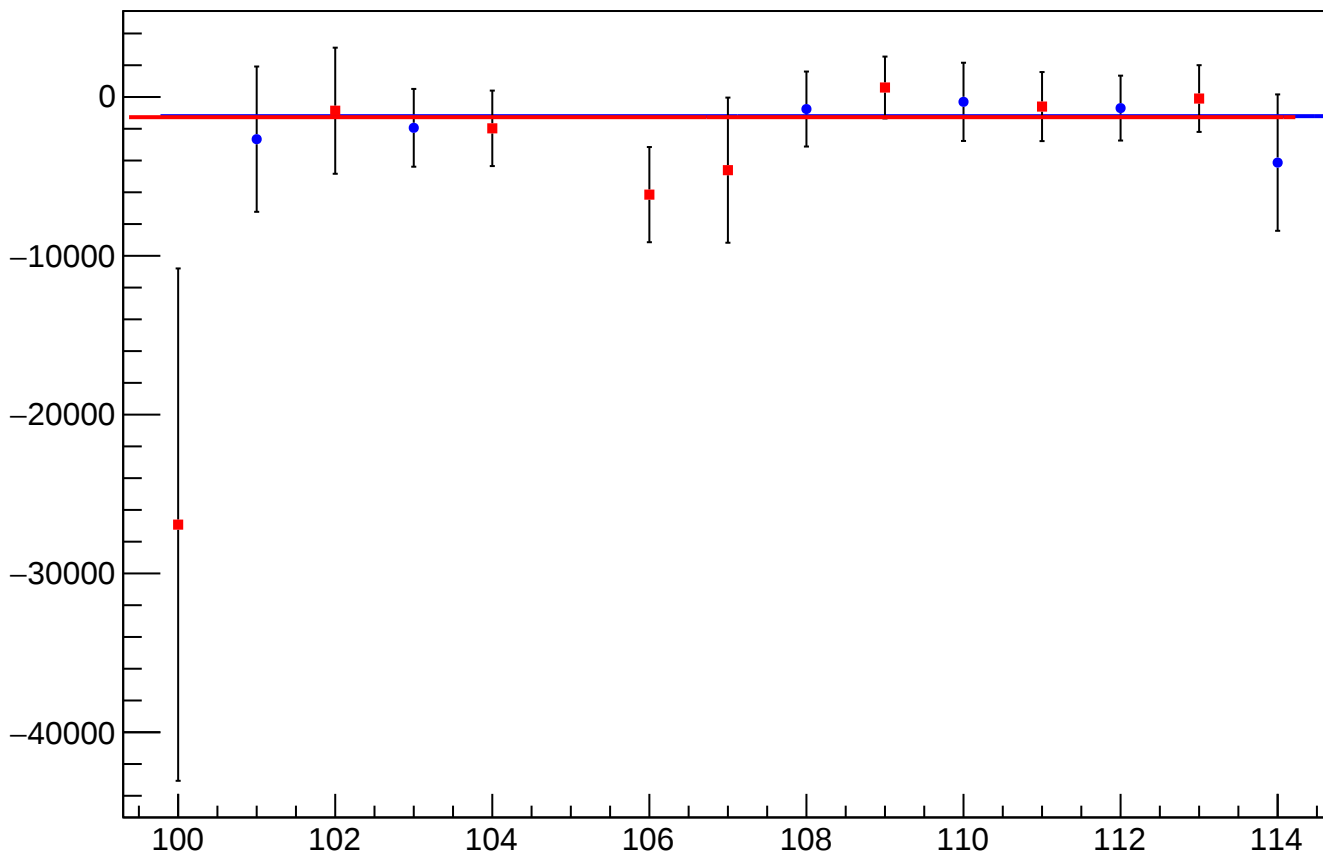
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -1205.841+/-1083.029 χ^2/NDF : 0.9/5

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

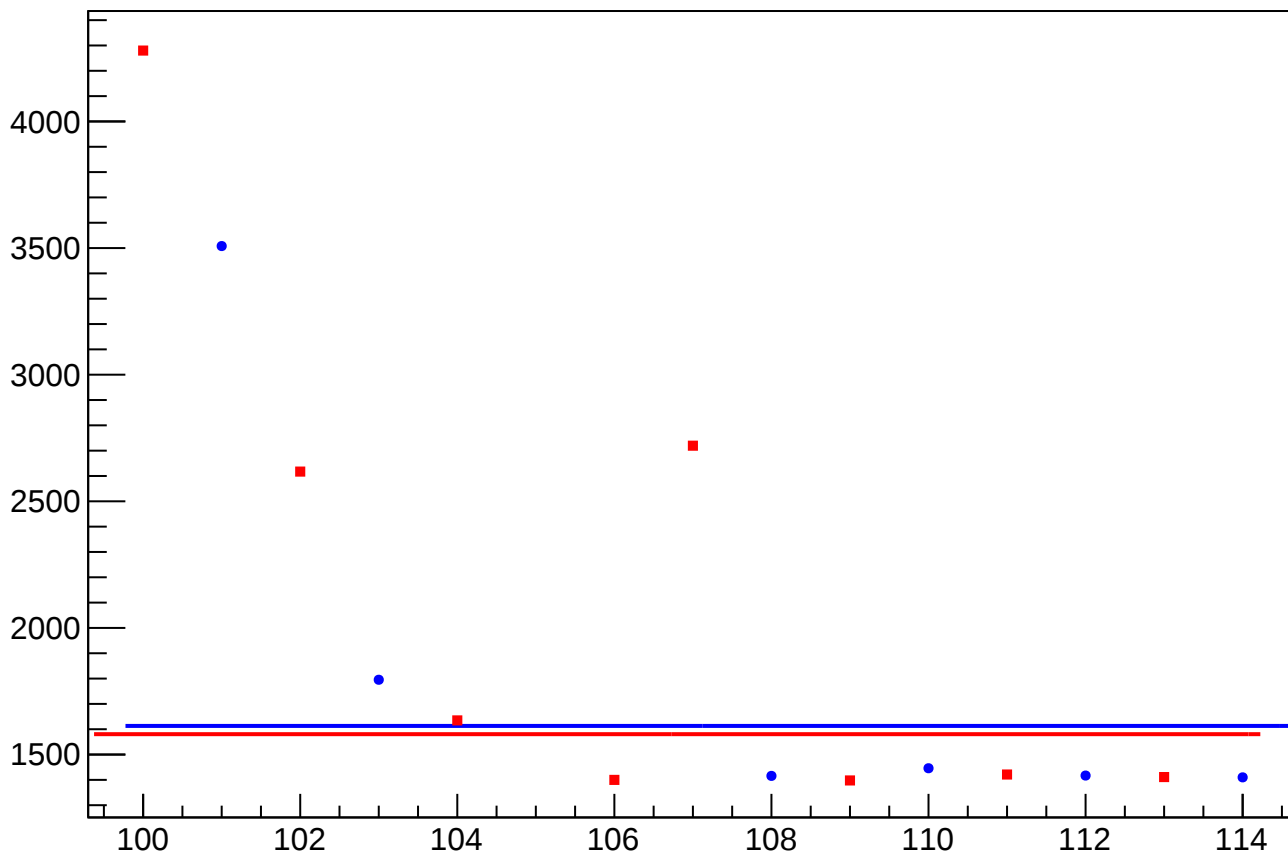
Right: -1242.583+/-714.649 χ^2/NDF : 8.0/13

In: -1205.841+/-1083.029 χ^2/NDF : 0.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1242.583+/-714.649 χ^2/NDF : 8.0/13

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1613.060+/-0.766 χ^2/NDF : 400256.4/5

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

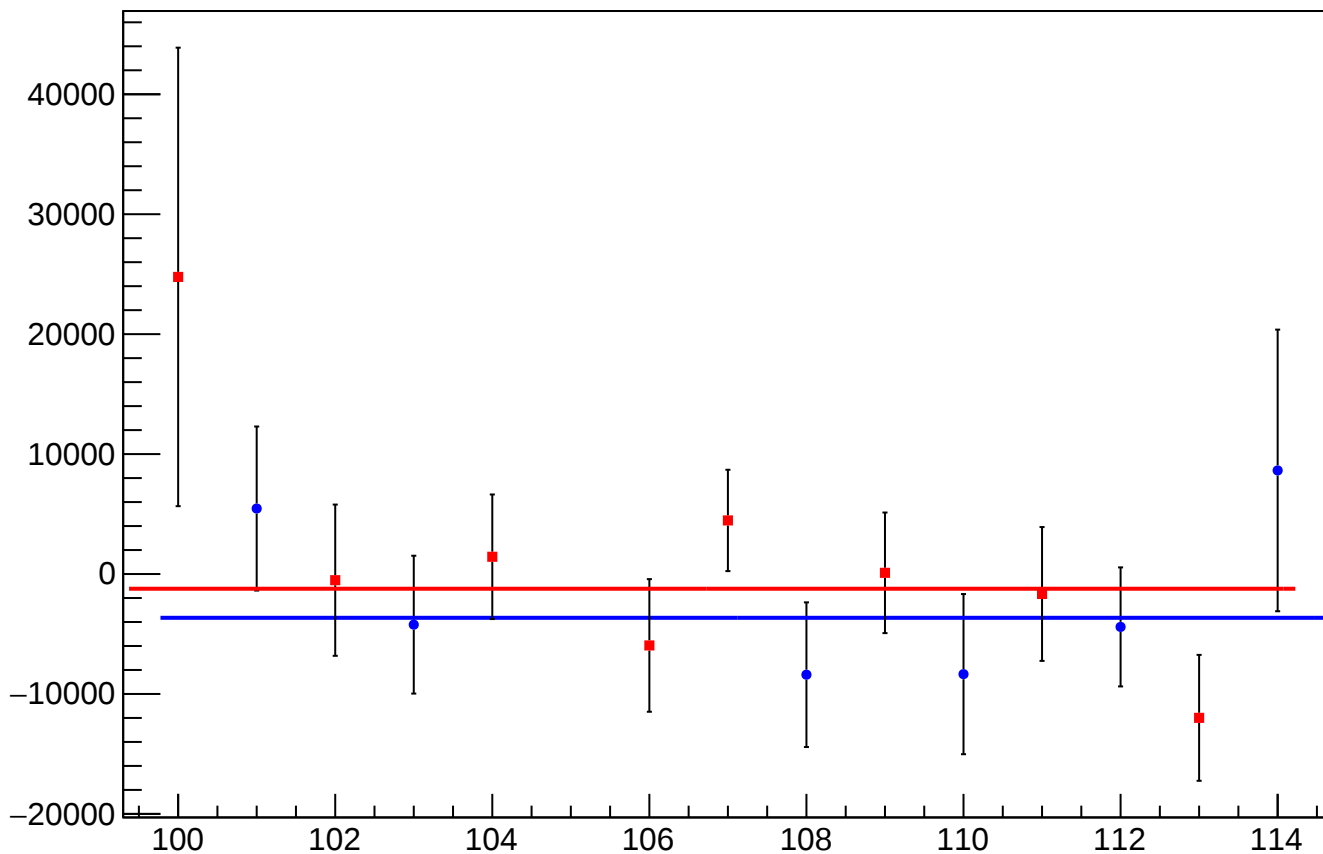
Right: 1594.656+/-0.505 χ^2/NDF : 767667.3/13

In: 1613.060+/-0.766 χ^2/NDF : 400256.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1594.656+/-0.505 χ^2/NDF : 767667.3/13

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -3649.698+/-2586.771 χ^2/NDF : 4.0/5

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

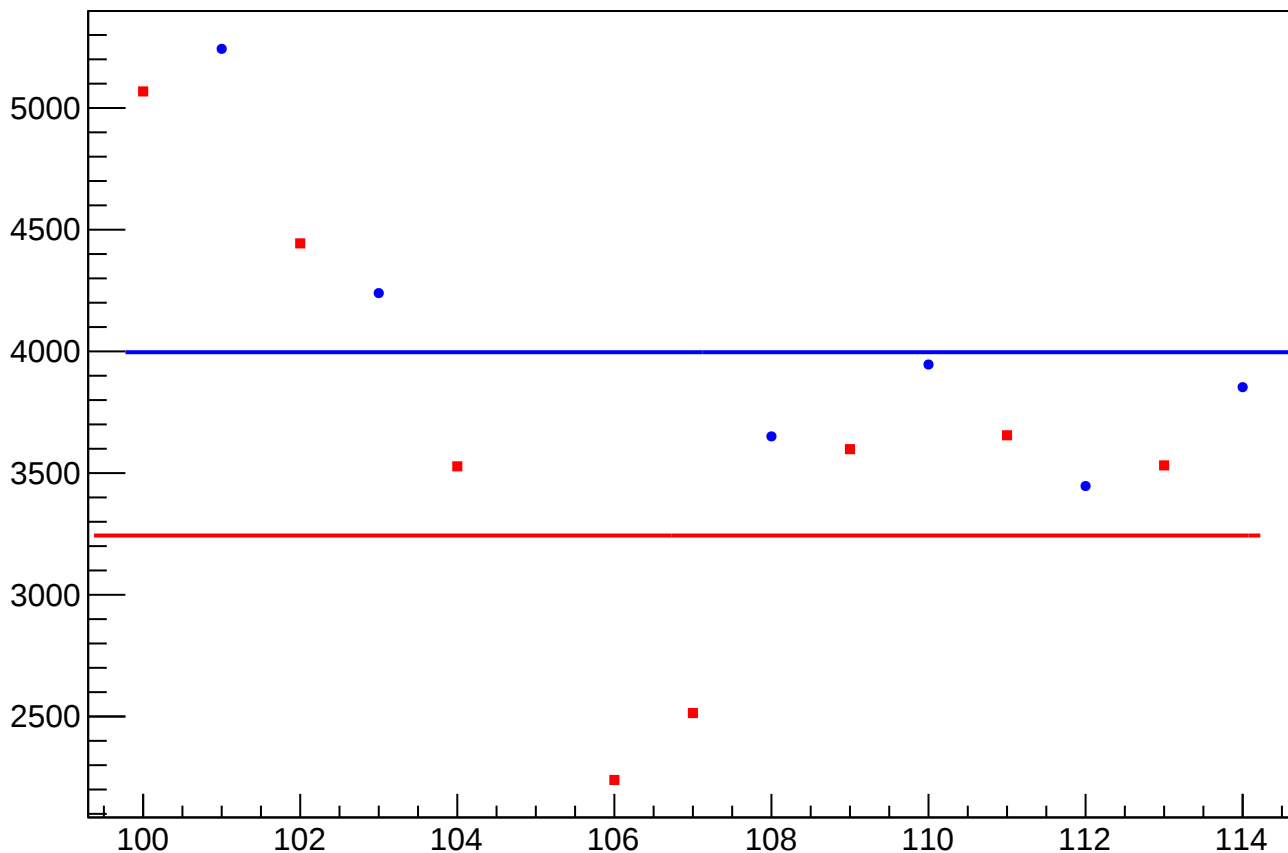
Right: -2106.955+/-1559.559 χ^2/NDF : 13.5/13

In: -3649.698+/-2586.771 χ^2/NDF : 4.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2106.955+/-1559.559 χ^2/NDF : 13.5/13

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3996.653+/-1.829 χ^2/NDF : 101538.1/5

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

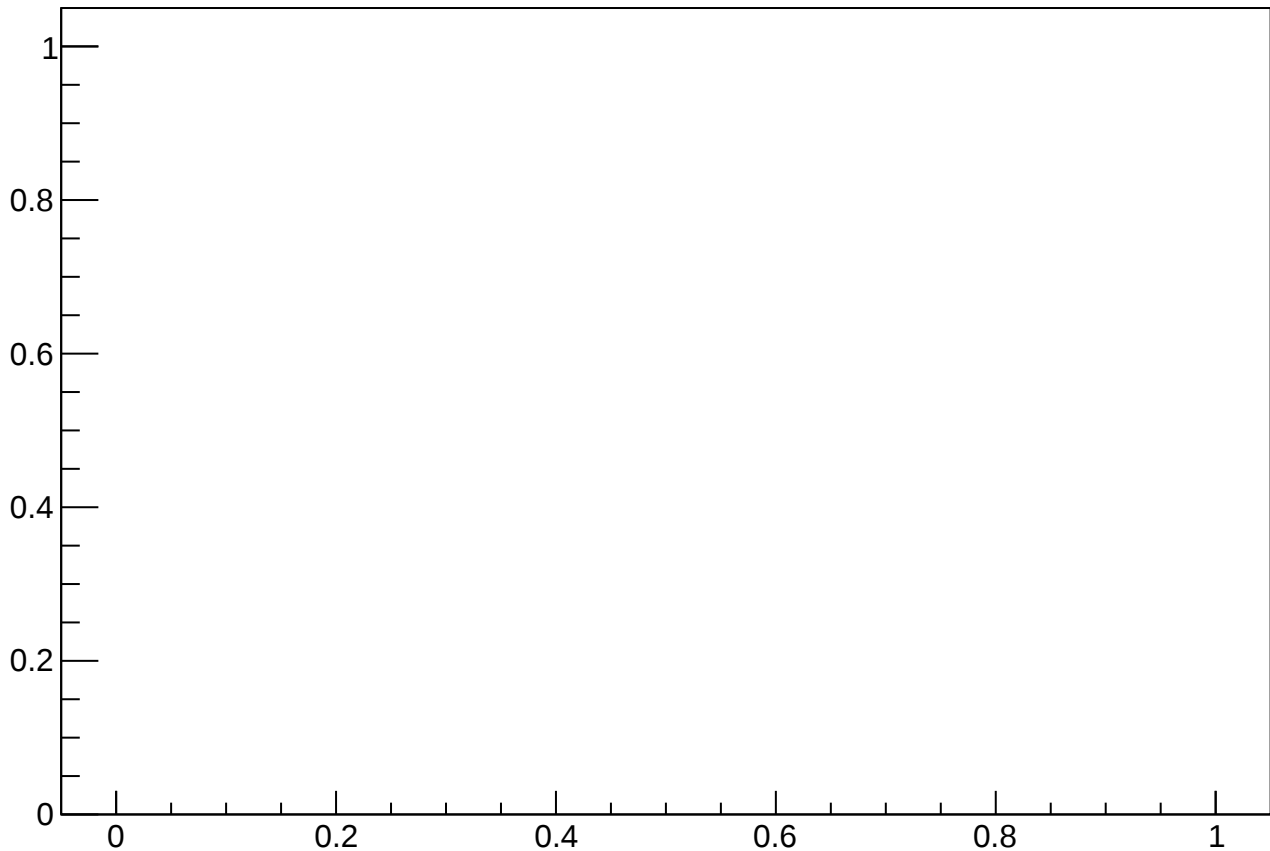
Right: 3511.044+/-1.090 χ^2/NDF : 479587.0/13

In: 3996.653+/-1.829 χ^2/NDF : 101538.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3511.044+/-1.090 χ^2/NDF : 479587.0/13

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

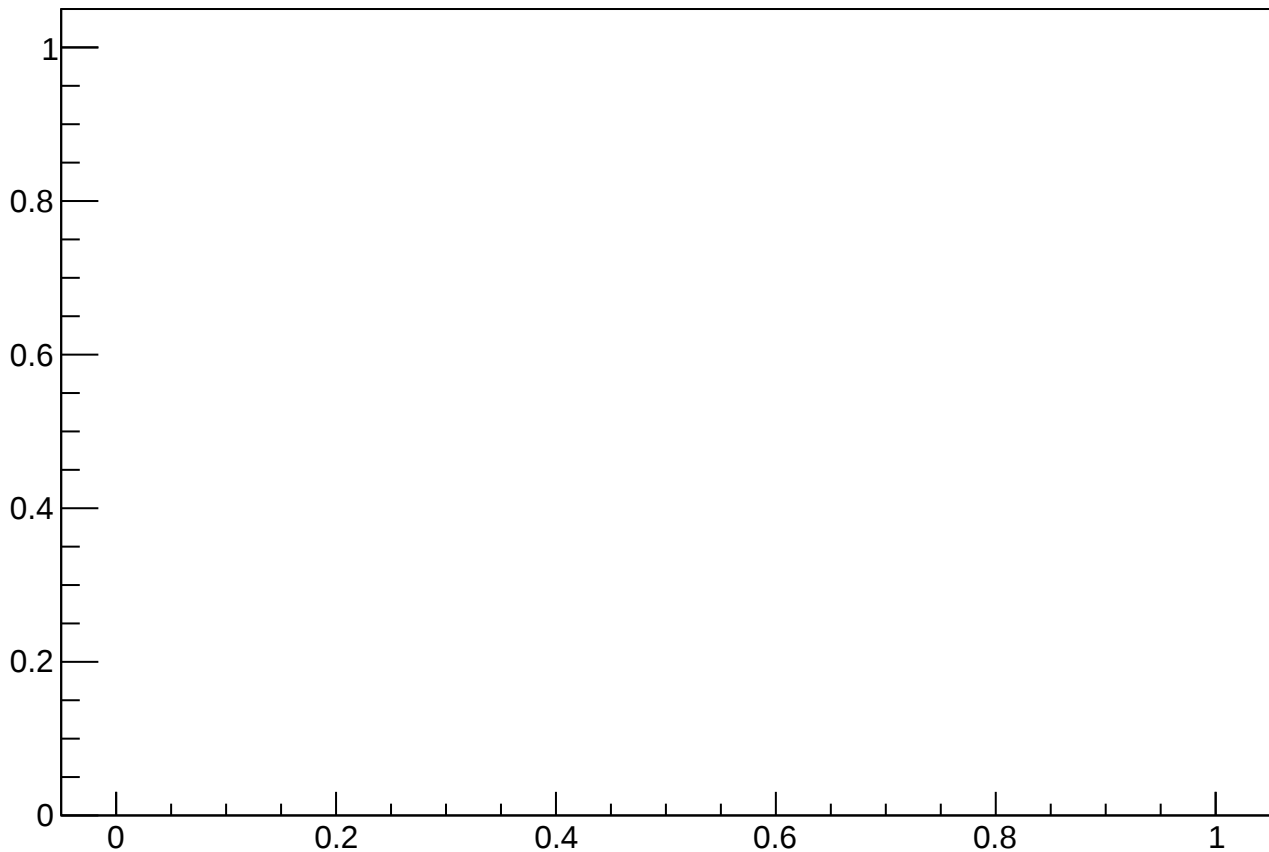
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

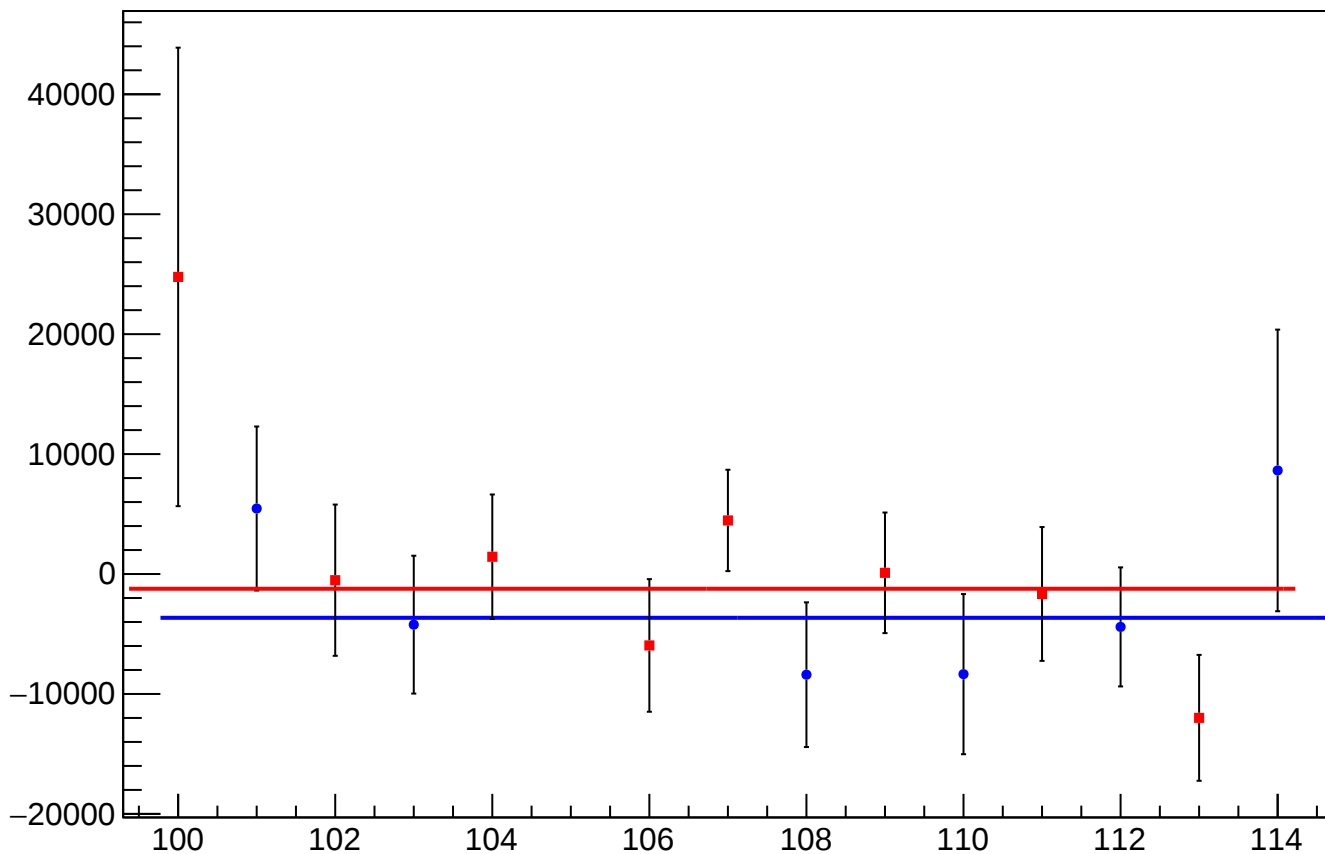
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -3649.698+/-2586.771 χ^2/NDF : 4.0/5

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

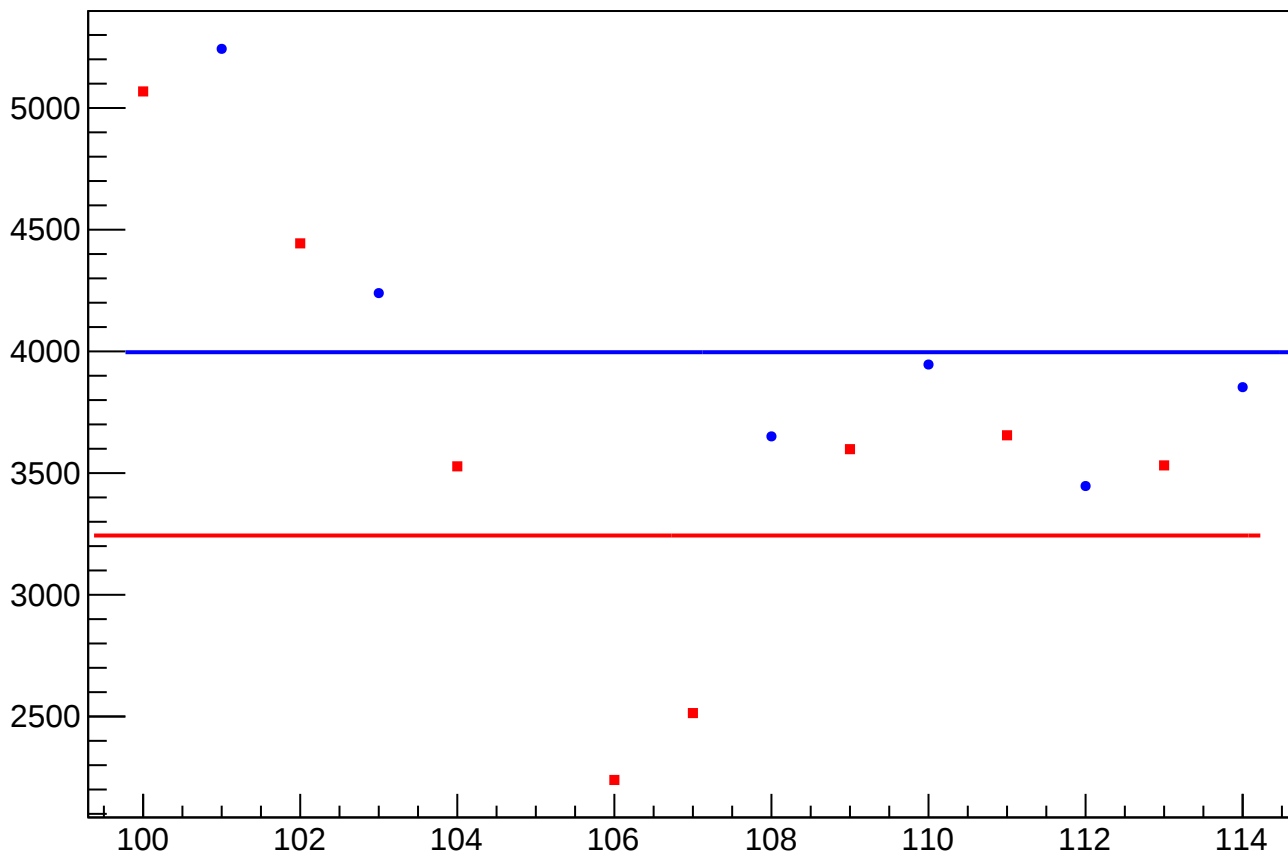
Right: -2106.955+/-1559.559 χ^2/NDF : 13.5/13

In: -3649.698+/-2586.771 χ^2/NDF : 4.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2106.955+/-1559.559 χ^2/NDF : 13.5/13

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3996.653+/-1.829 χ^2/NDF : 101538.1/5

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

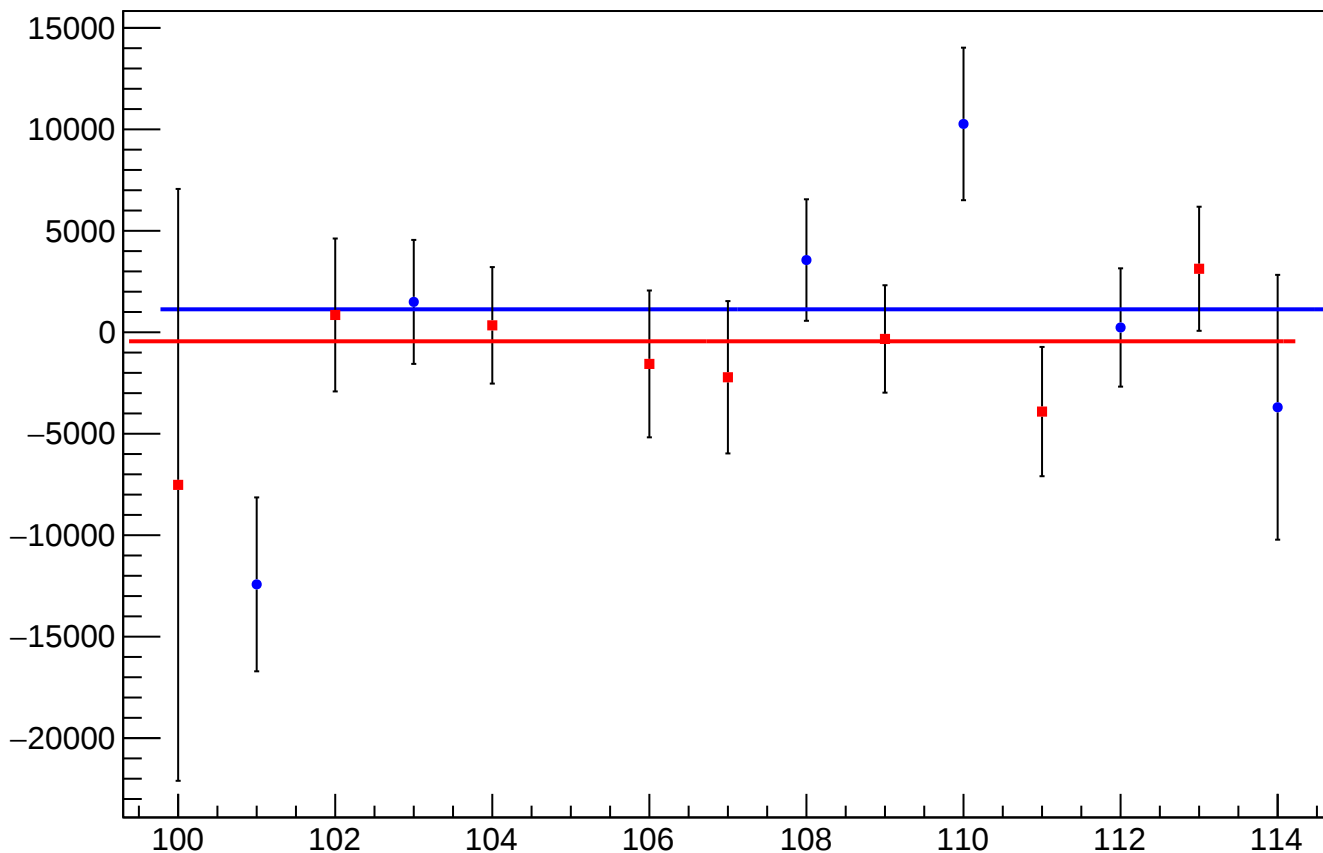
Right: 3511.044+/-1.090 χ^2/NDF : 479587.0/13

In: 3996.653+/-1.829 χ^2/NDF : 101538.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3511.044+/-1.090 χ^2/NDF : 479587.0/13

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 1131.890+/-1435.729 χ^2/NDF : 17.2/5

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

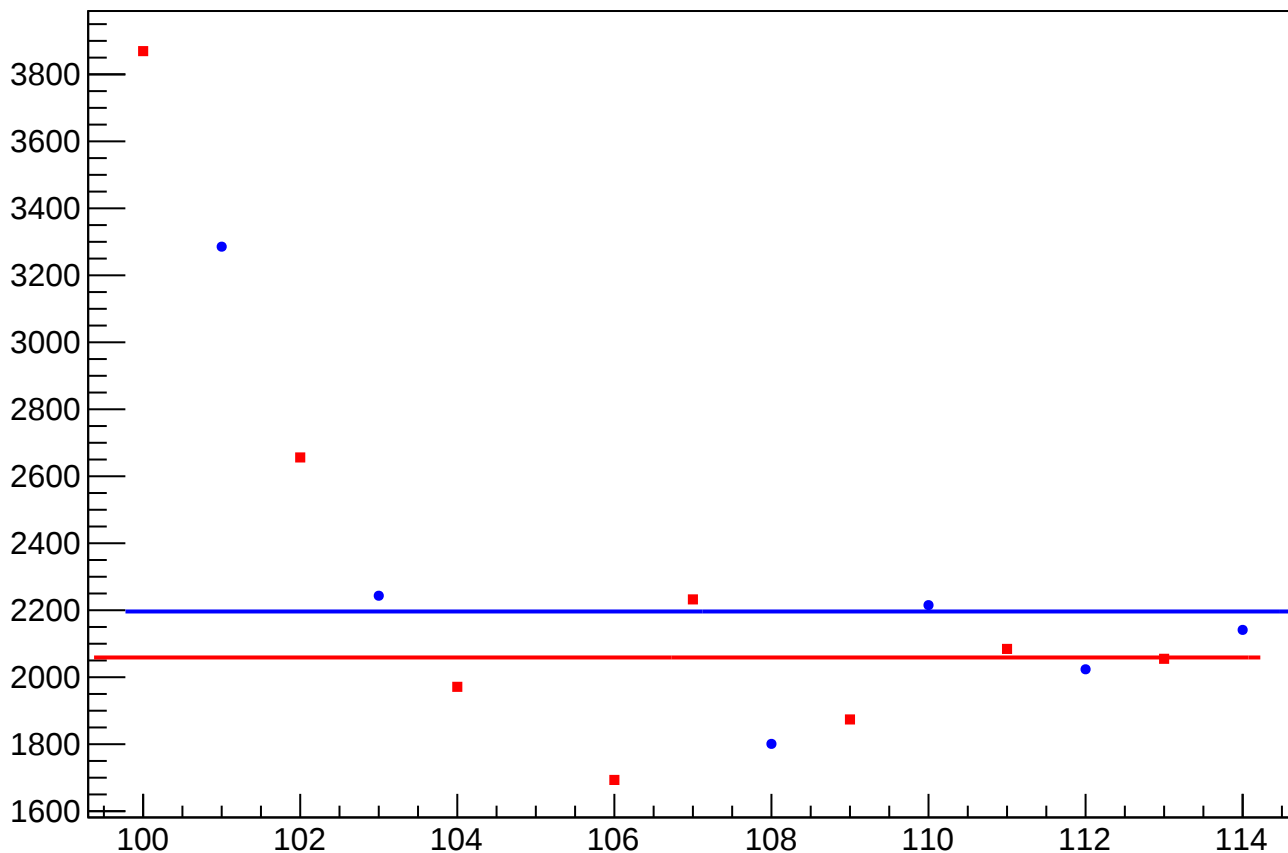
Right: 205.253+/-921.642 χ^2/NDF : 21.2/13

In: 1131.890+/-1435.729 χ^2/NDF : 17.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.253+/-921.642 χ^2/NDF : 21.2/13

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2196.292+/-1.015 χ^2/NDF : 171762.8/5

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

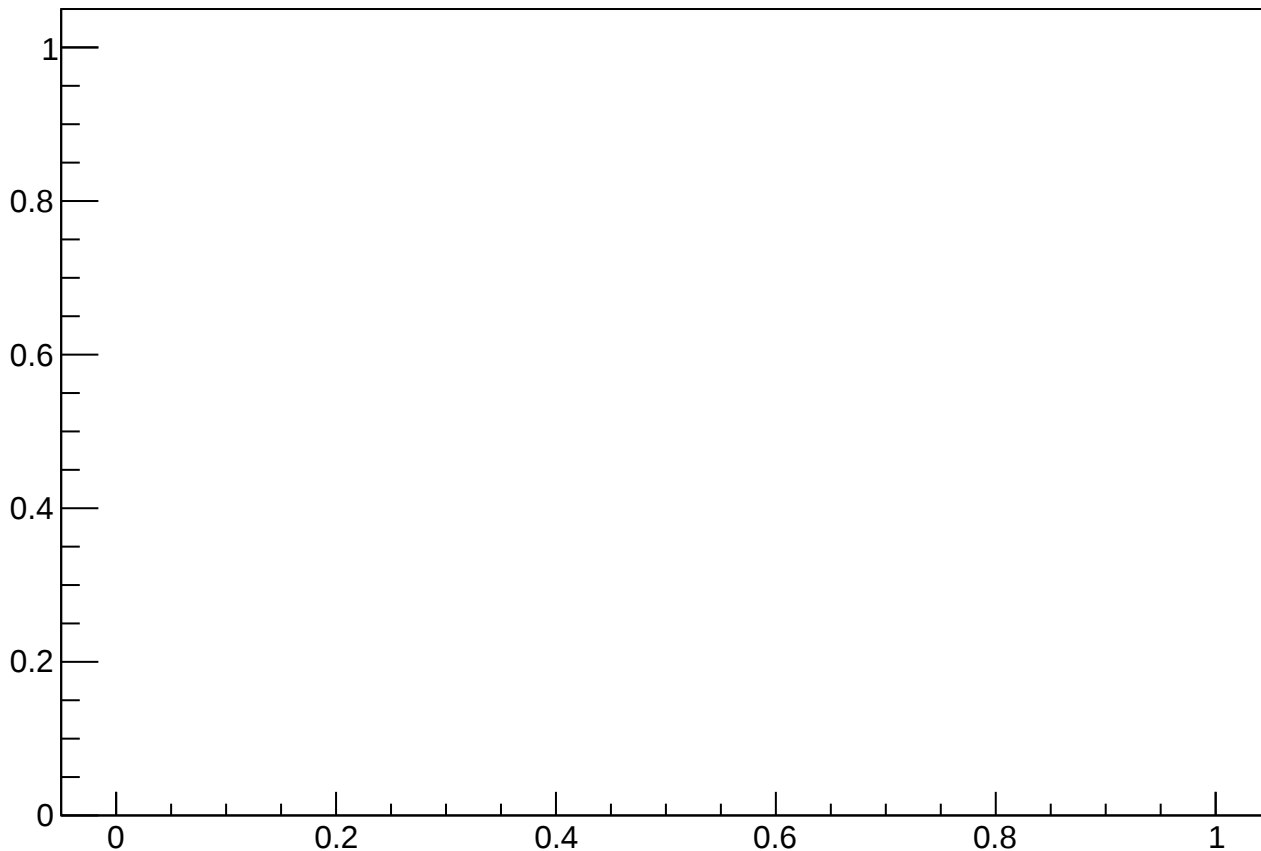
Right: 2115.544+/-0.652 χ^2/NDF : 300084.2/13

In: 2196.292+/-1.015 χ^2/NDF : 171762.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2115.544+/-0.652 χ^2/NDF : 300084.2/13

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

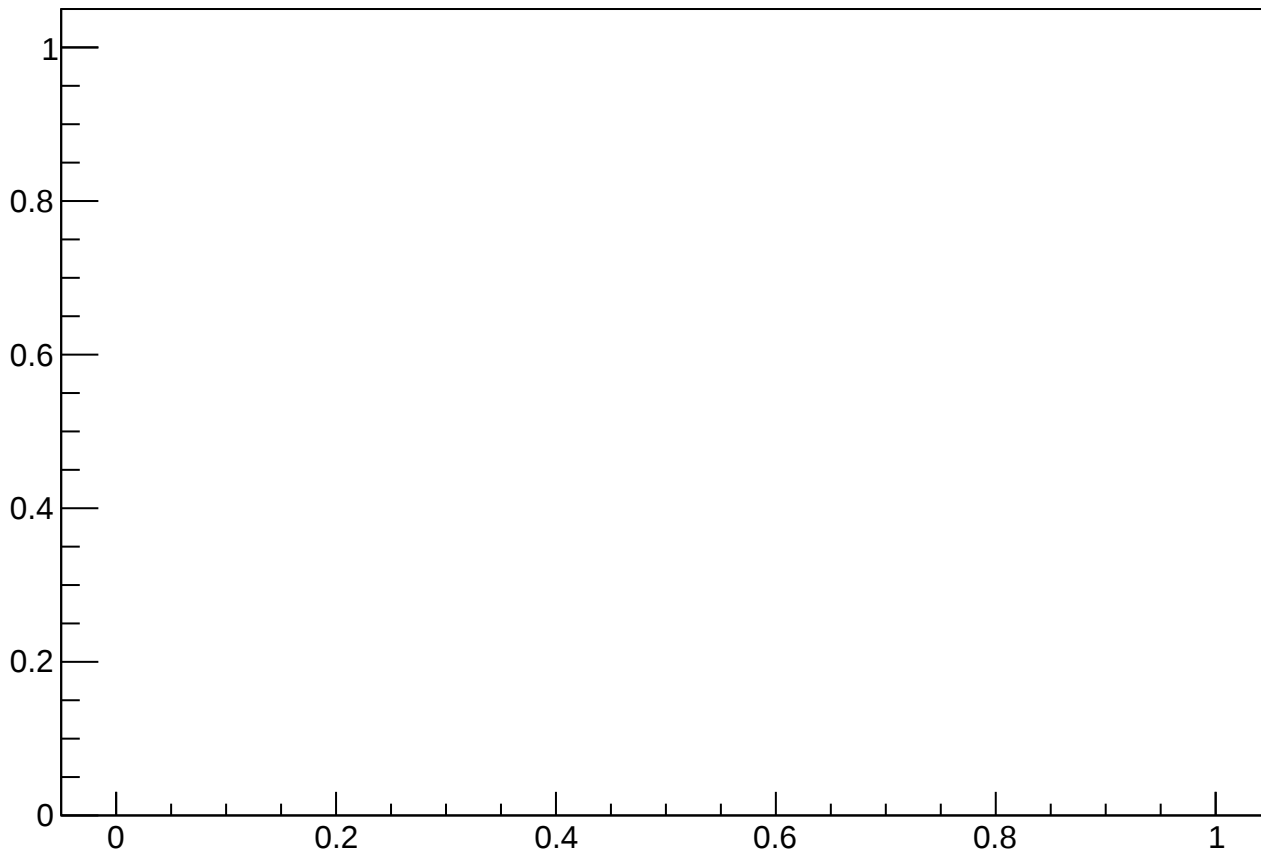
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

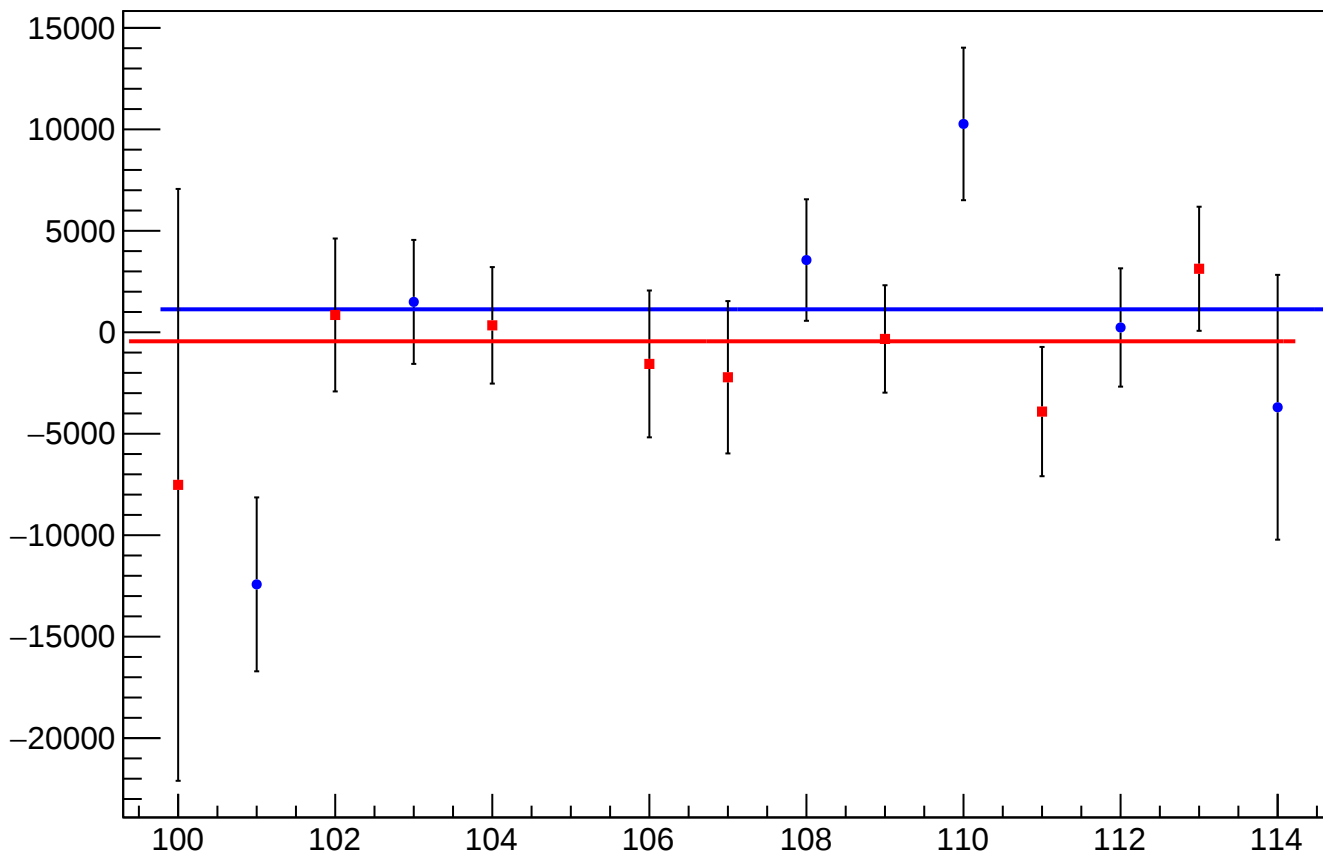
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1131.890+/-1435.729 χ^2/NDF : 17.2/5

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

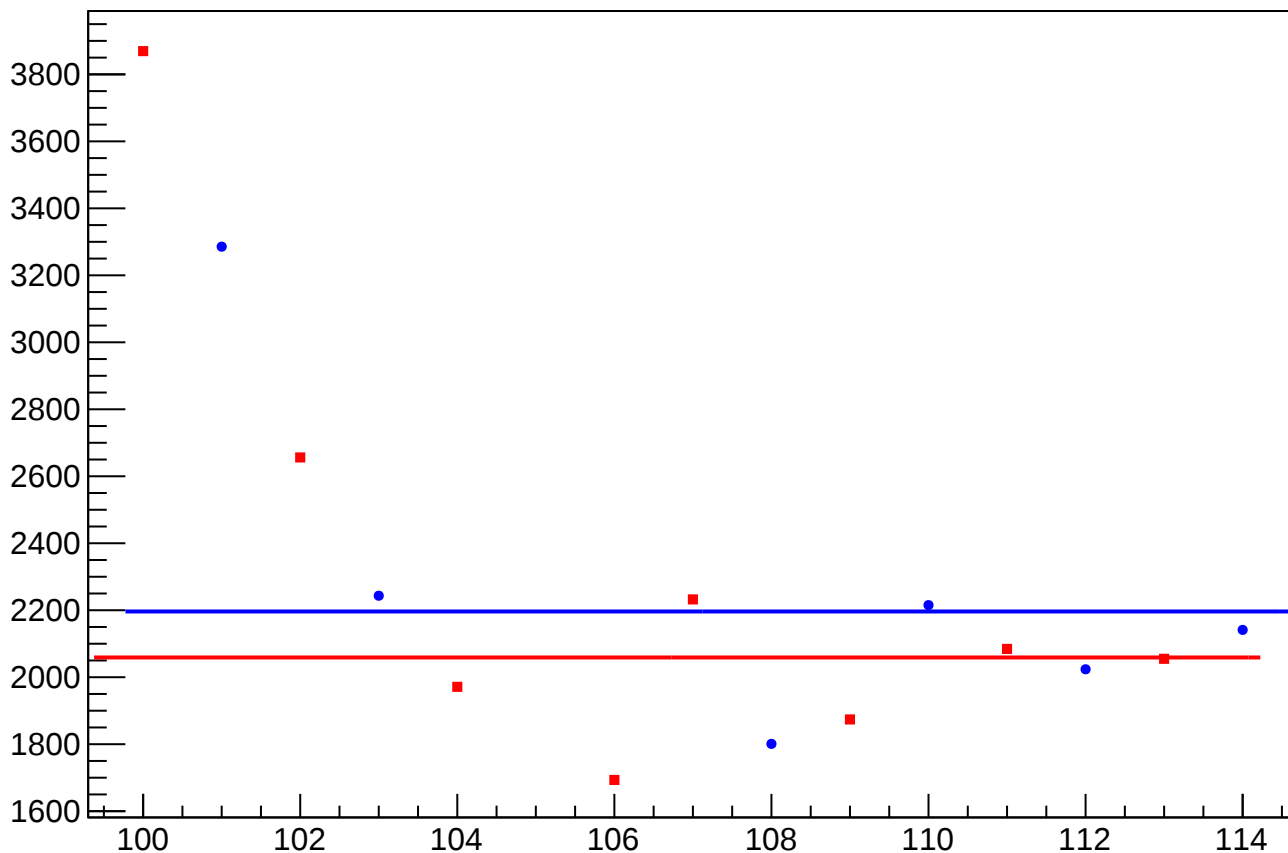
Right: 205.253+/-921.642 χ^2/NDF : 21.2/13

In: 1131.890+/-1435.729 χ^2/NDF : 17.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.253+/-921.642 χ^2/NDF : 21.2/13

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2196.292+/-1.015 χ^2/NDF : 171762.8/5

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

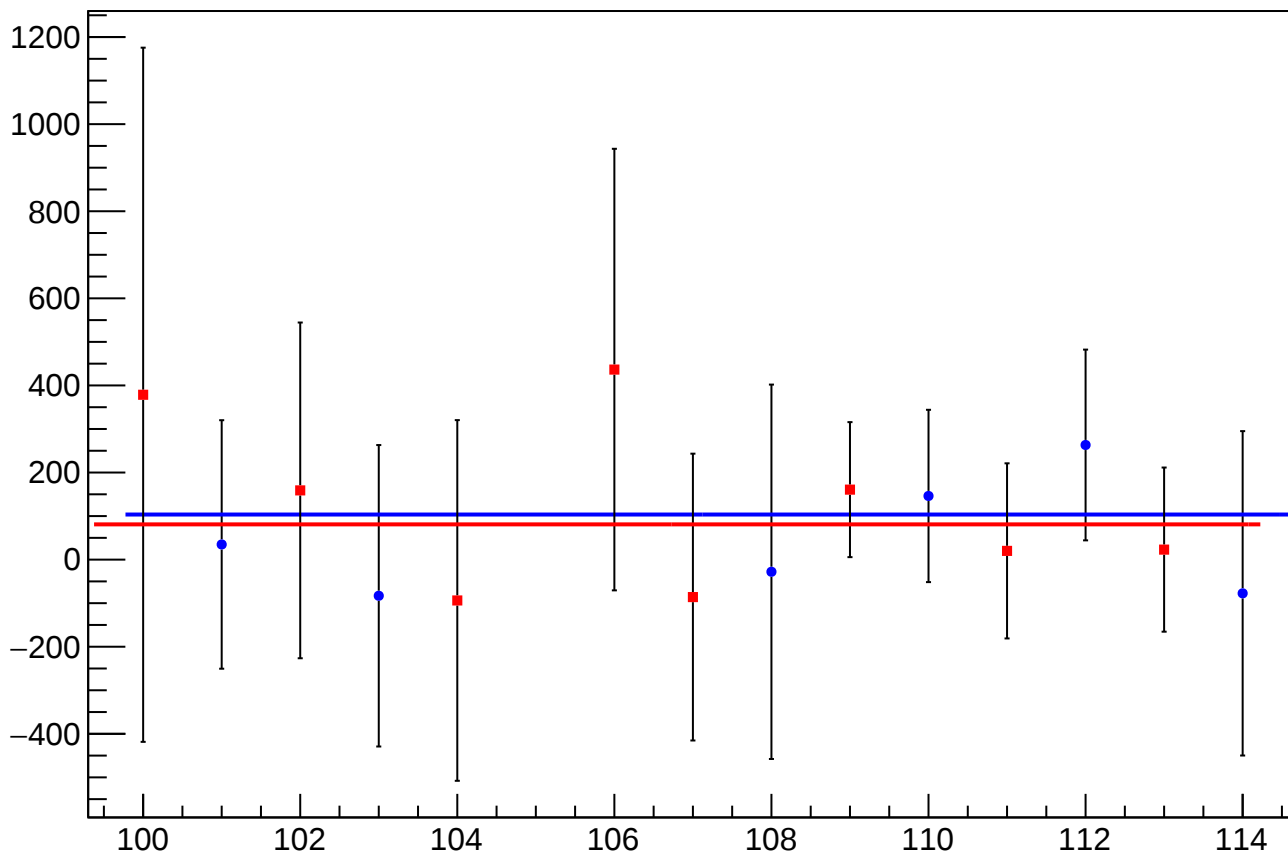
Right: 2115.544+/-0.652 χ^2/NDF : 300084.2/13

In: 2196.292+/-1.015 χ^2/NDF : 171762.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2115.544+/-0.652 χ^2/NDF : 300084.2/13

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 103.566 $\pm$ 112.055 χ^2 /NDF: 1.3/5

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

Right Out: 80.958 $\pm$ 90.630 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

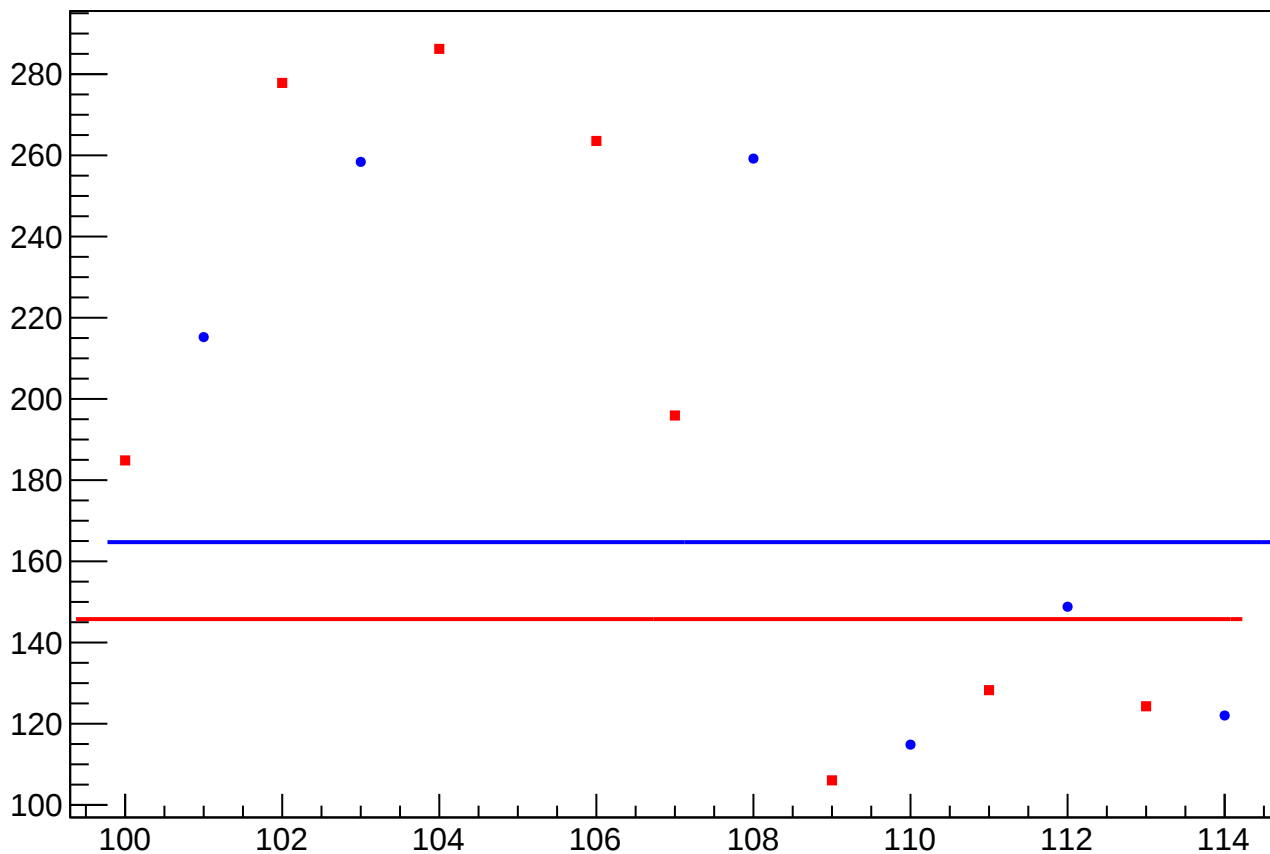
Right: 89.899 $\pm$ 70.467 χ^2 /NDF: 2.8/13

In: 103.566 $\pm$ 112.055 χ^2 /NDF: 1.3/5

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

All: 89.899 $\pm$ 70.467 χ^2 /NDF: 2.8/13

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 164.726+/-0.079 χ^2/NDF : 469678.6/5

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

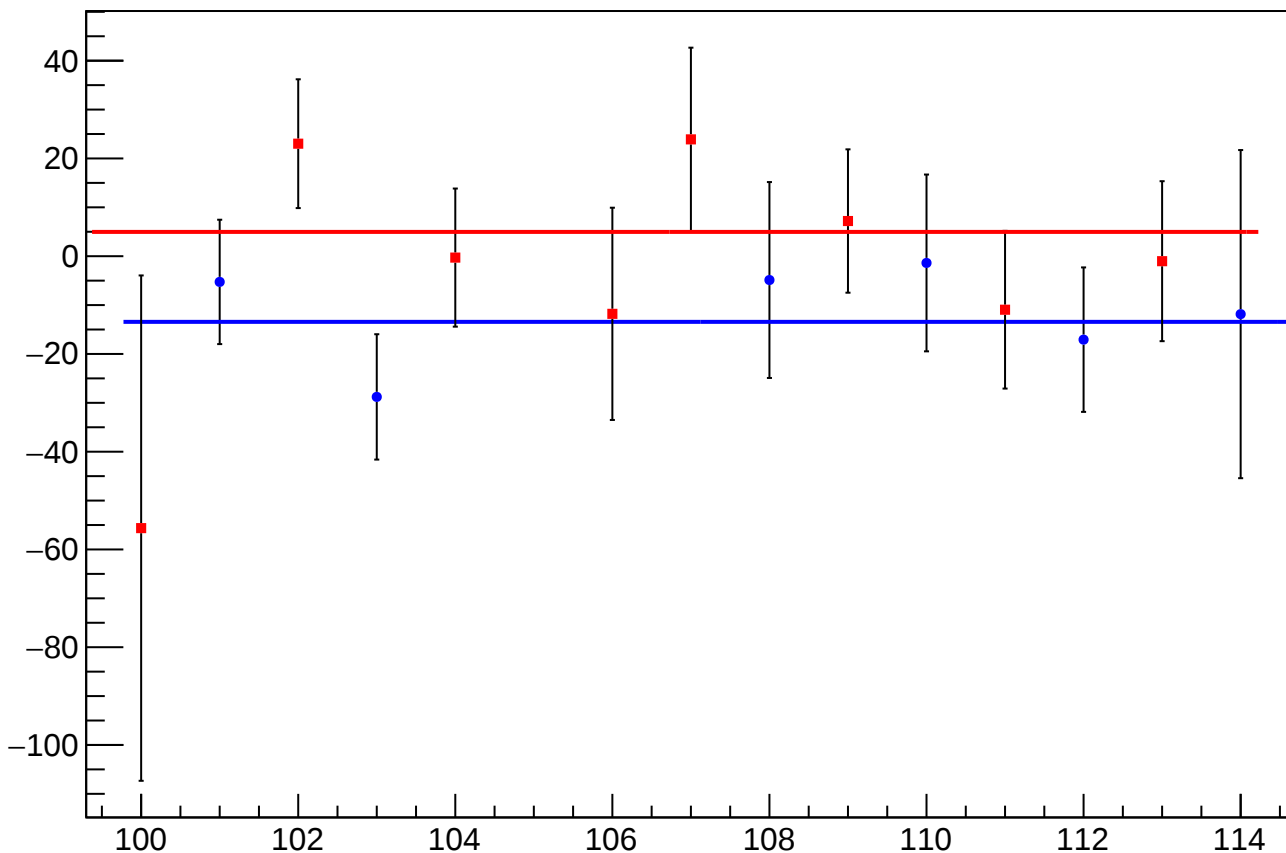
Right: 153.266+/-0.050 χ^2/NDF : 1300664.9/13

In: 164.726+/-0.079 χ^2/NDF :469678.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 153.266+/-0.050 χ^2/NDF : 1300664.9/13

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -13.433+/-6.555 χ^2/NDF : 2.5/5

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

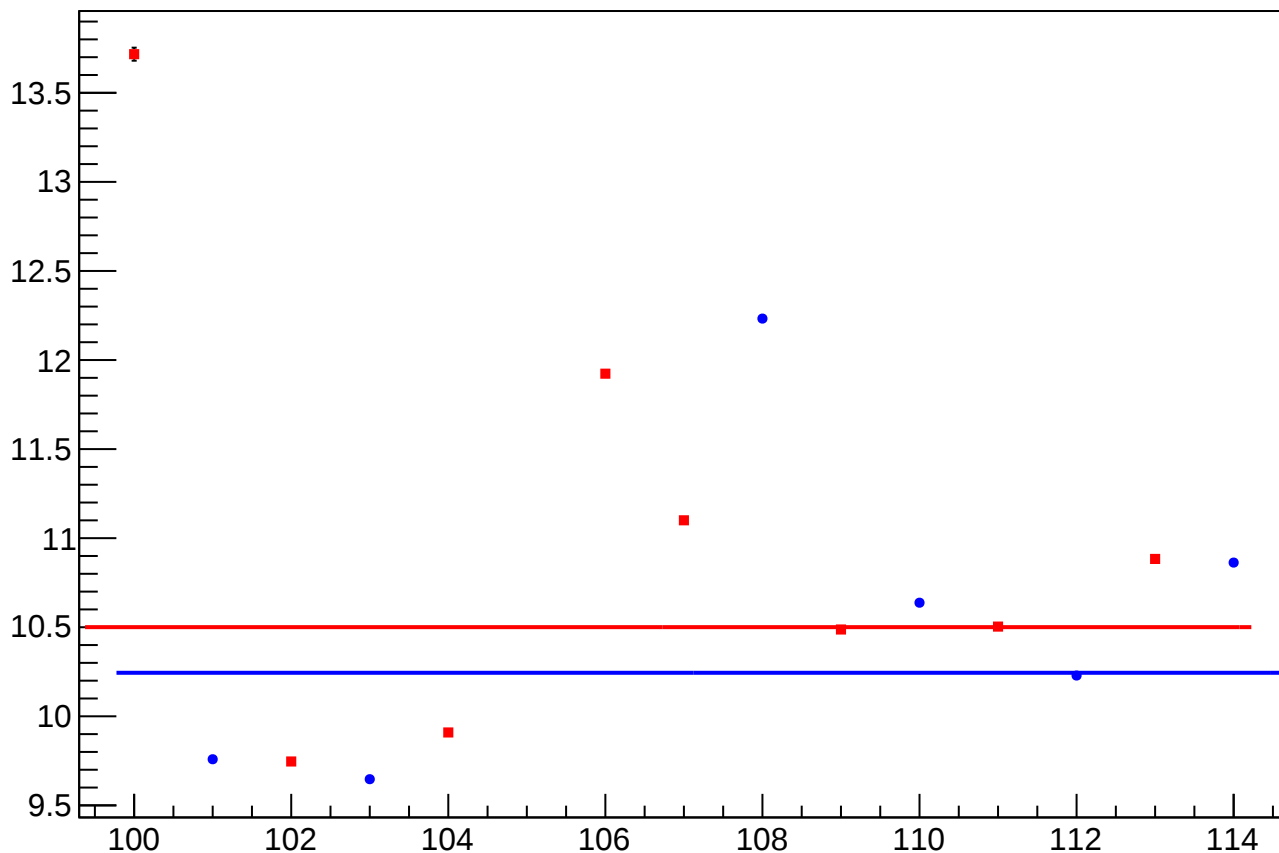
Right: -3.329+/-4.402 χ^2/NDF : 13.0/13

In: -13.433+/-6.555 χ^2/NDF : 2.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.329+/-4.402 χ^2/NDF : 13.0/13

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.244+/-0.005 χ^2/NDF : 28561.0/5

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

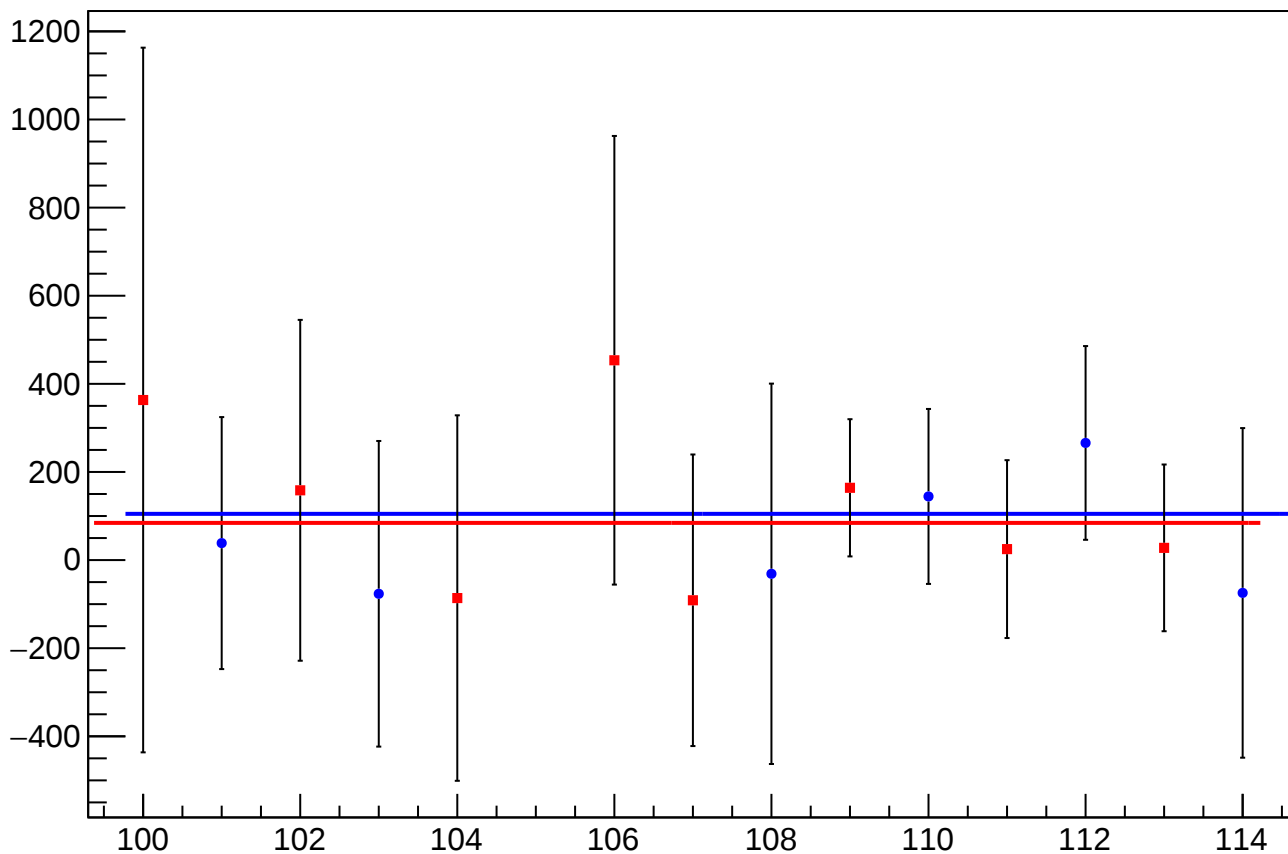
Right: 10.385+/-0.003 χ^2/NDF : 59761.5/13

In: 10.244+/-0.005 χ^2/NDF : 28561.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.385+/-0.003 χ^2/NDF : 59761.5/13

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: 104.935+/-112.435 χ^2/NDF : 1.2/5

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

Right Out: 84.401+/-90.996 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

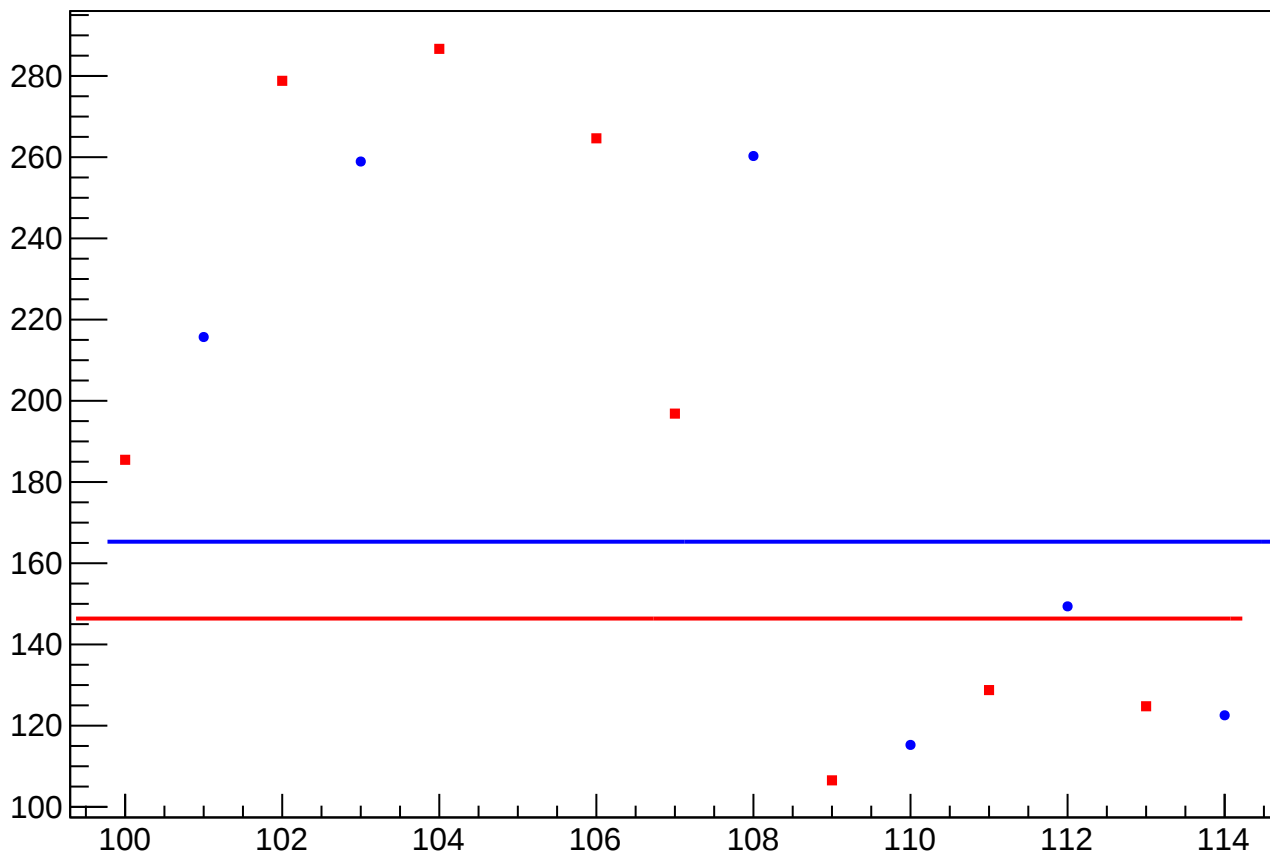
Right: 92.528+/-70.733 χ^2/NDF : 2.8/13

In: 104.935+/-112.435 χ^2/NDF : 1.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.528+/-70.733 χ^2/NDF : 2.8/13

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 165.305+/-0.080 χ^2/NDF : 468348.6/5

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

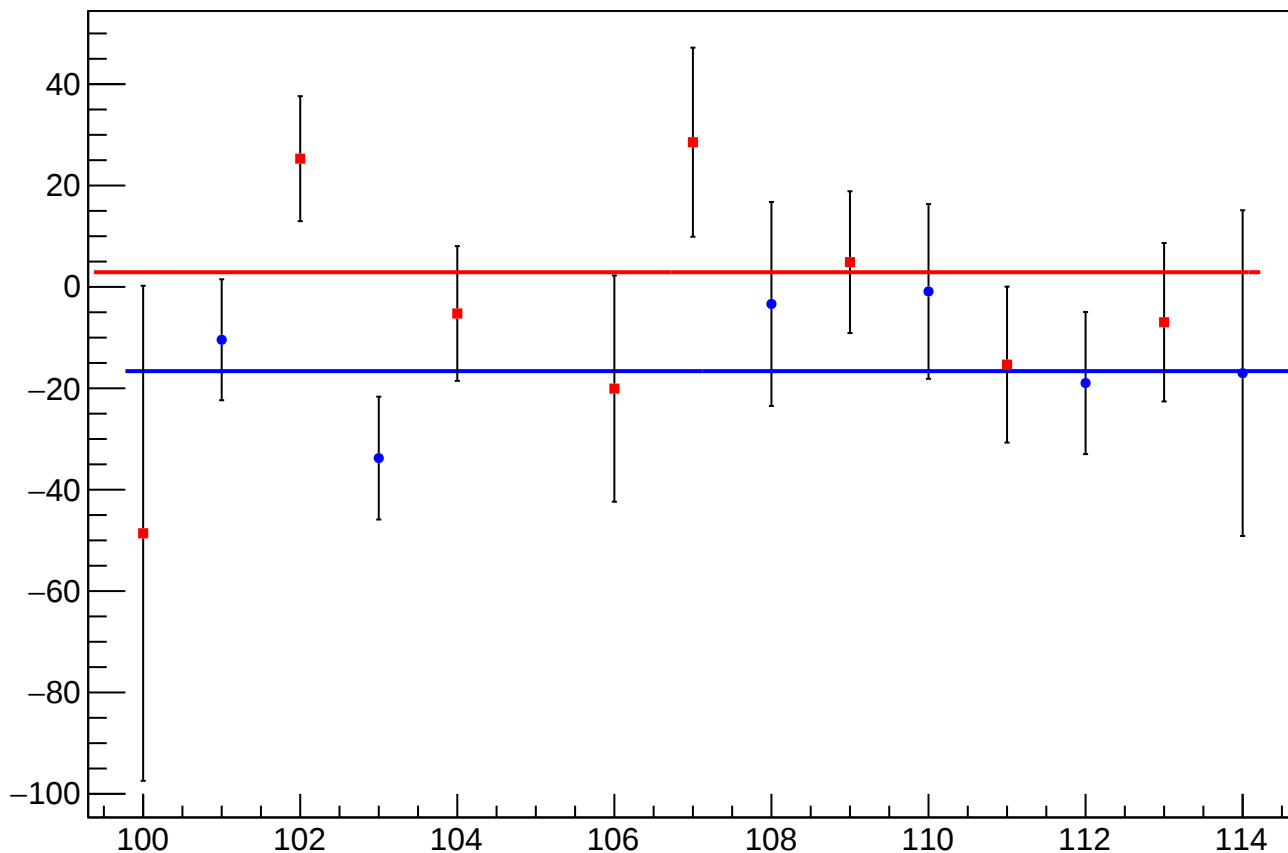
Right: 153.869+/-0.050 χ^2/NDF : 1297320.5/13

In: 165.305+/-0.080 χ^2/NDF : 468348.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.869+/-0.050 χ^2/NDF : 1297320.5/13

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -16.614 $\pm$ 6.234 χ^2 /NDF: 3.6/5

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

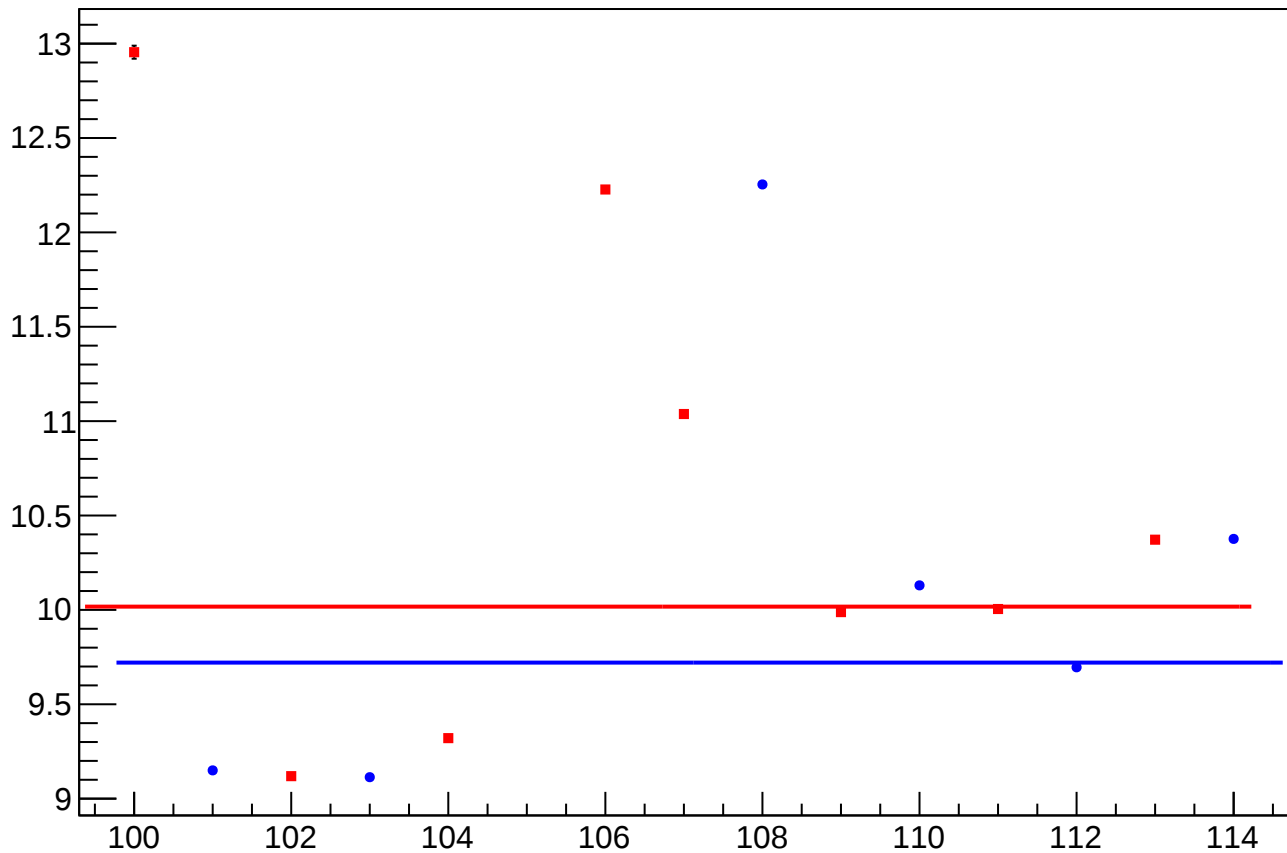
Right: -5.953 $\pm$ 4.199 χ^2 /NDF: 18.5/13

In: -16.614 $\pm$ 6.234 χ^2 /NDF:3.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.953 $\pm$ 4.199 χ^2 /NDF: 18.5/13

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 9.721+/-0.004 χ^2/NDF : 43295.2/5

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

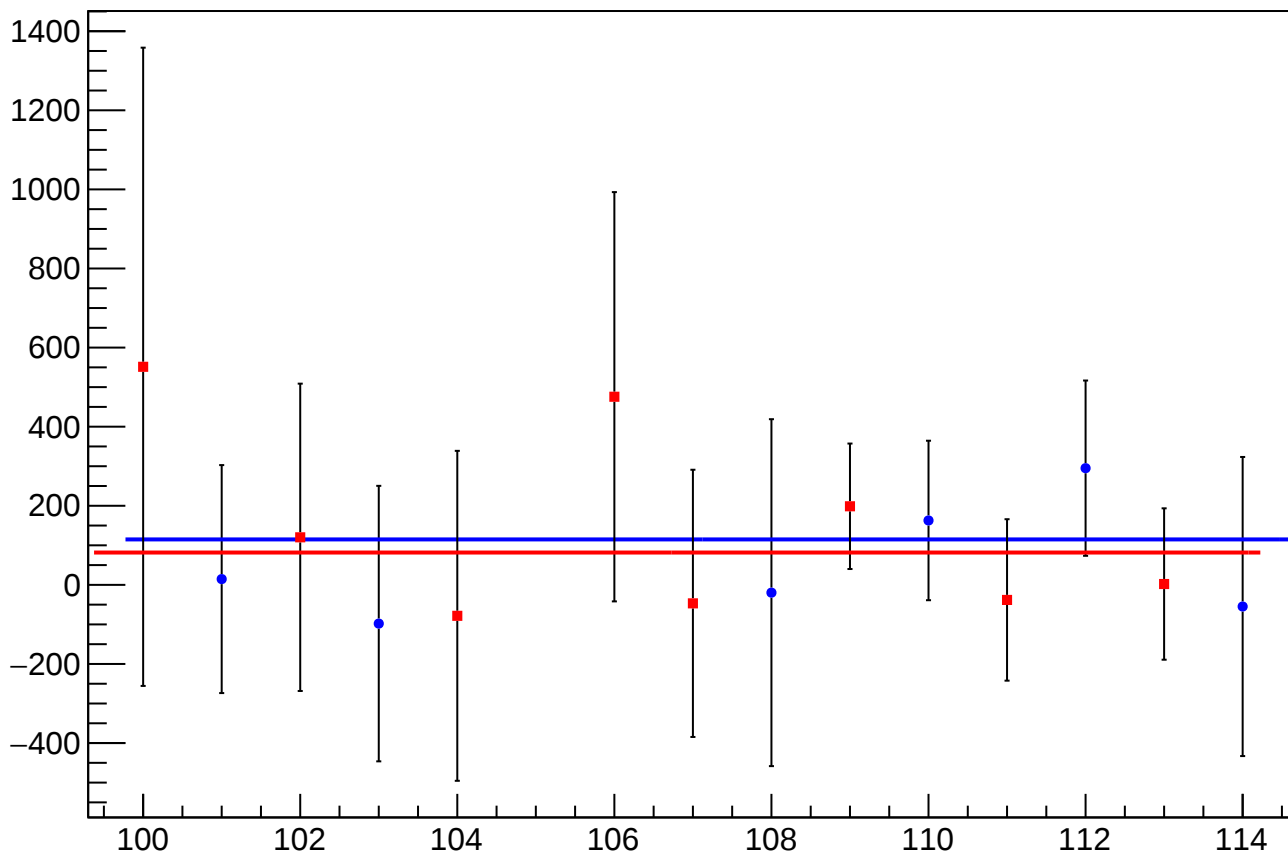
Right: 9.883+/-0.003 χ^2/NDF : 95751.4/13

In: 9.721+/-0.004 χ^2/NDF : 43295.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.883+/-0.003 χ^2/NDF : 95751.4/13

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 114.915+/-113.651 χ^2/NDF : 1.5/5

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

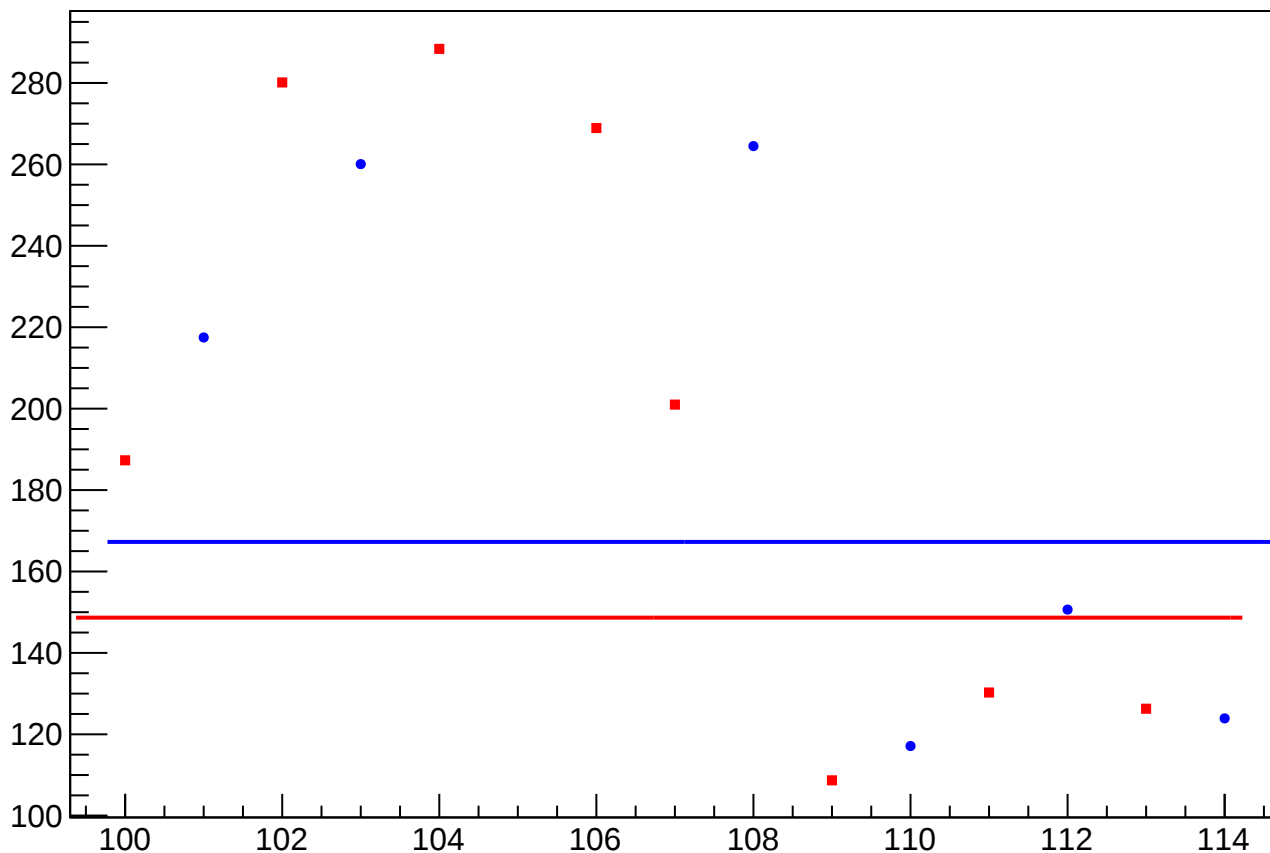
Right: 94.929+/-71.637 χ^2/NDF : 3.8/13

In: 114.915+/-113.651 χ^2/NDF : 1.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.929+/-71.637 χ^2/NDF : 3.8/13

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 167.264 $\pm$ 0.080 χ^2 /NDF: 462152.7/5

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

Right Out: 148.660 $\pm$ 0.065 χ^2 /NDF: 784475.7/7

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

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

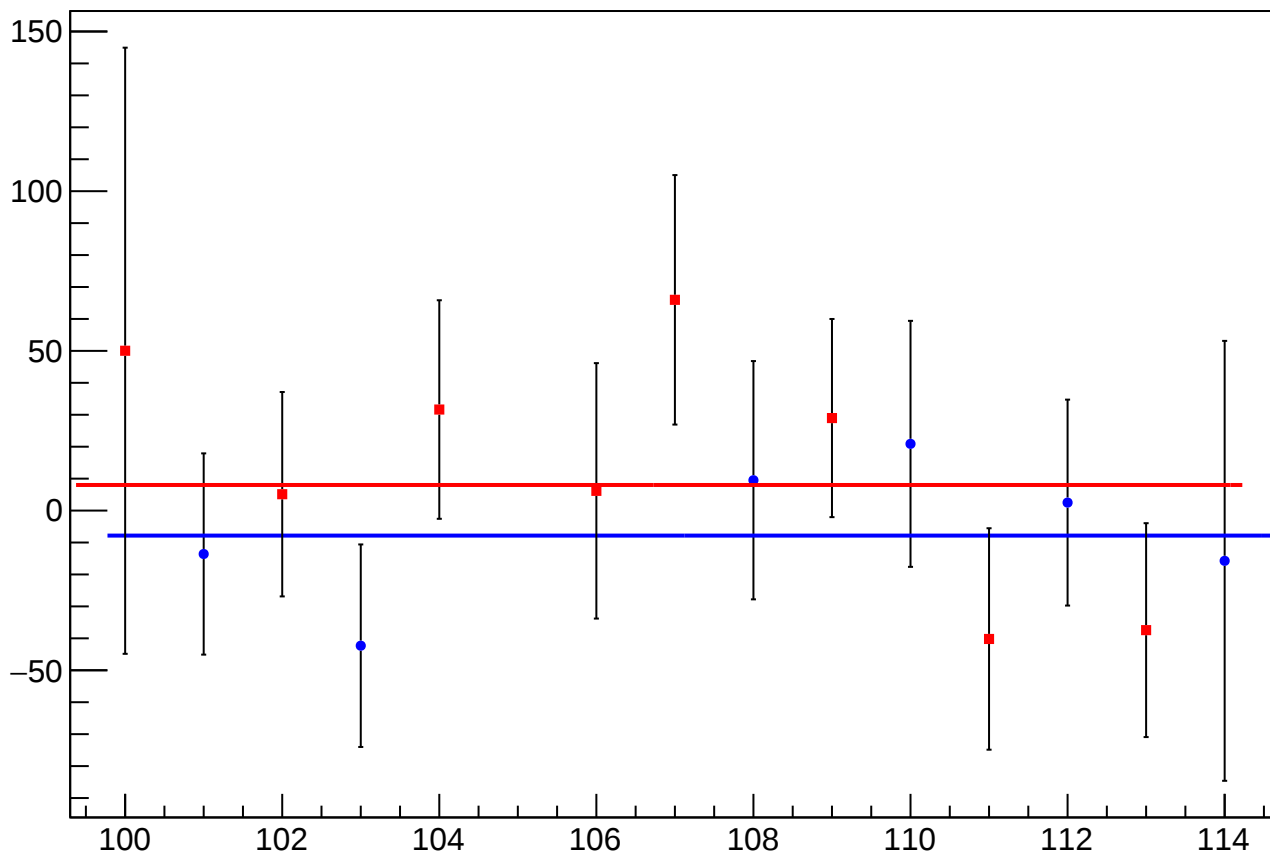
Right: 156.052 $\pm$ 0.051 χ^2 /NDF: 1278929.1/13

In: 167.264 $\pm$ 0.080 χ^2 /NDF:462152.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 156.052 $\pm$ 0.051 χ^2 /NDF: 1278929.1/13

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.831+/-14.795 χ^2/NDF : 2.1/5

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

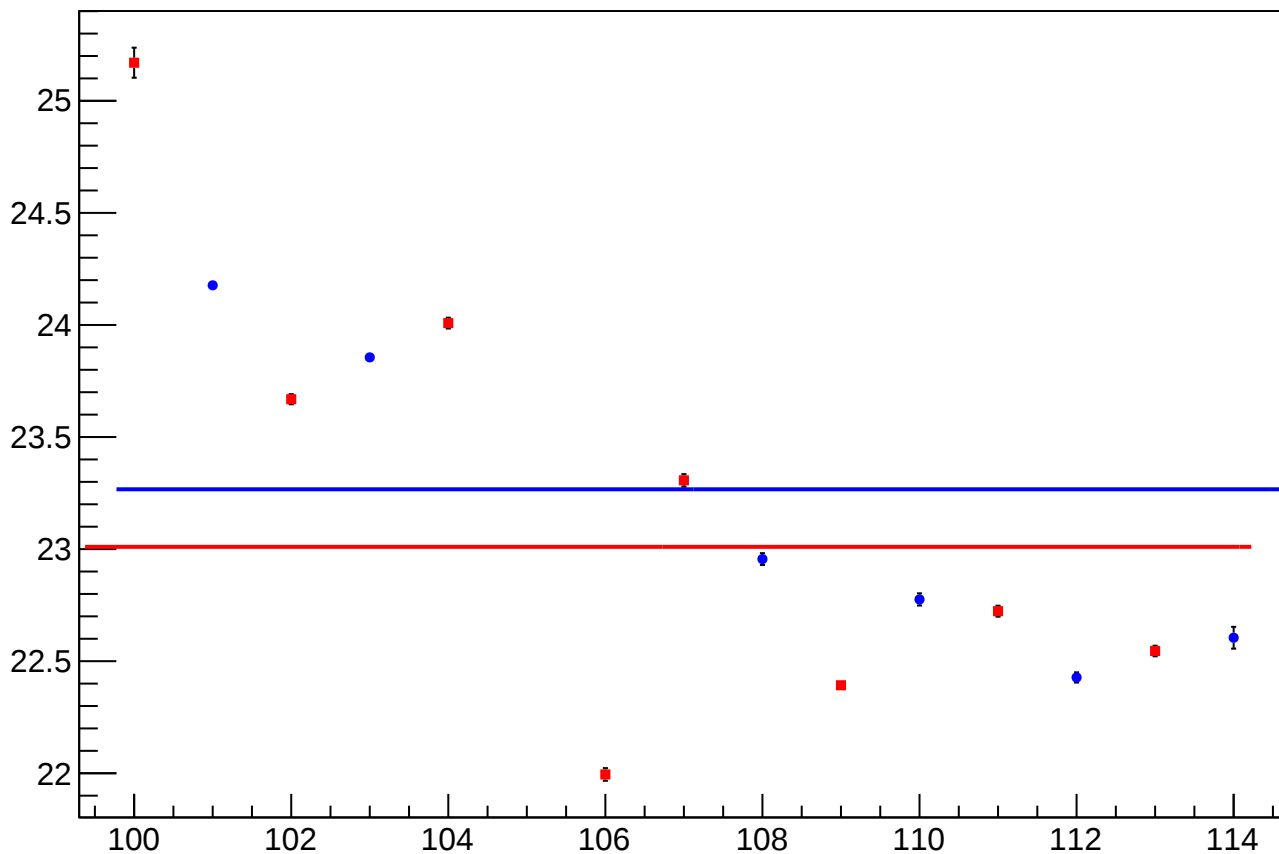
Right: 1.156+/-9.734 χ^2/NDF : 9.9/13

In: -7.831+/-14.795 χ^2/NDF : 2.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.156+/-9.734 χ^2/NDF : 9.9/13

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 23.267 $\pm$ 0.010 χ^2 /NDF: 4363.9/5

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

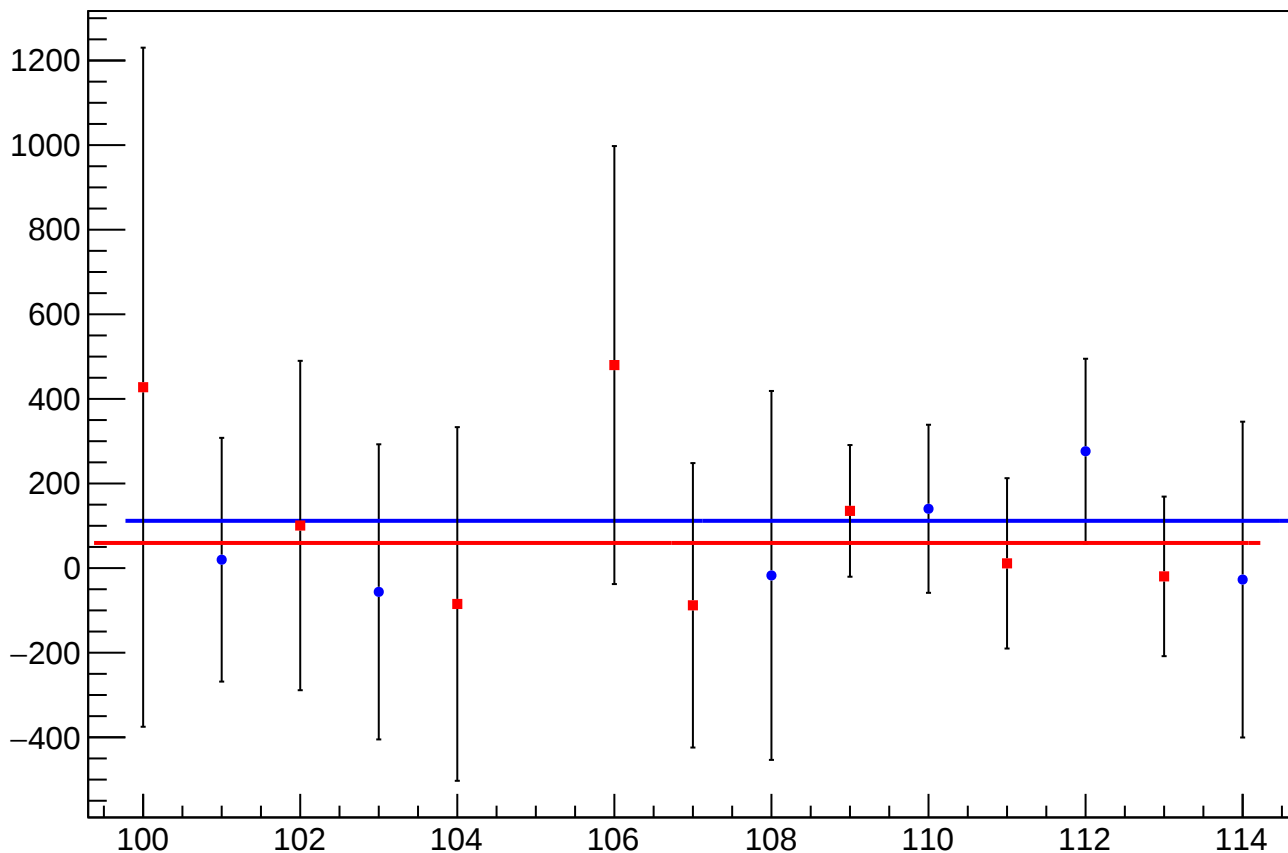
Right: 23.121 $\pm$ 0.007 χ^2 /NDF: 11011.8/13

In: 23.267 $\pm$ 0.010 χ^2 /NDF:4363.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 23.121 $\pm$ 0.007 χ^2 /NDF: 11011.8/13

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 111.770+/-112.538 χ^2/NDF : 1.1/5

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

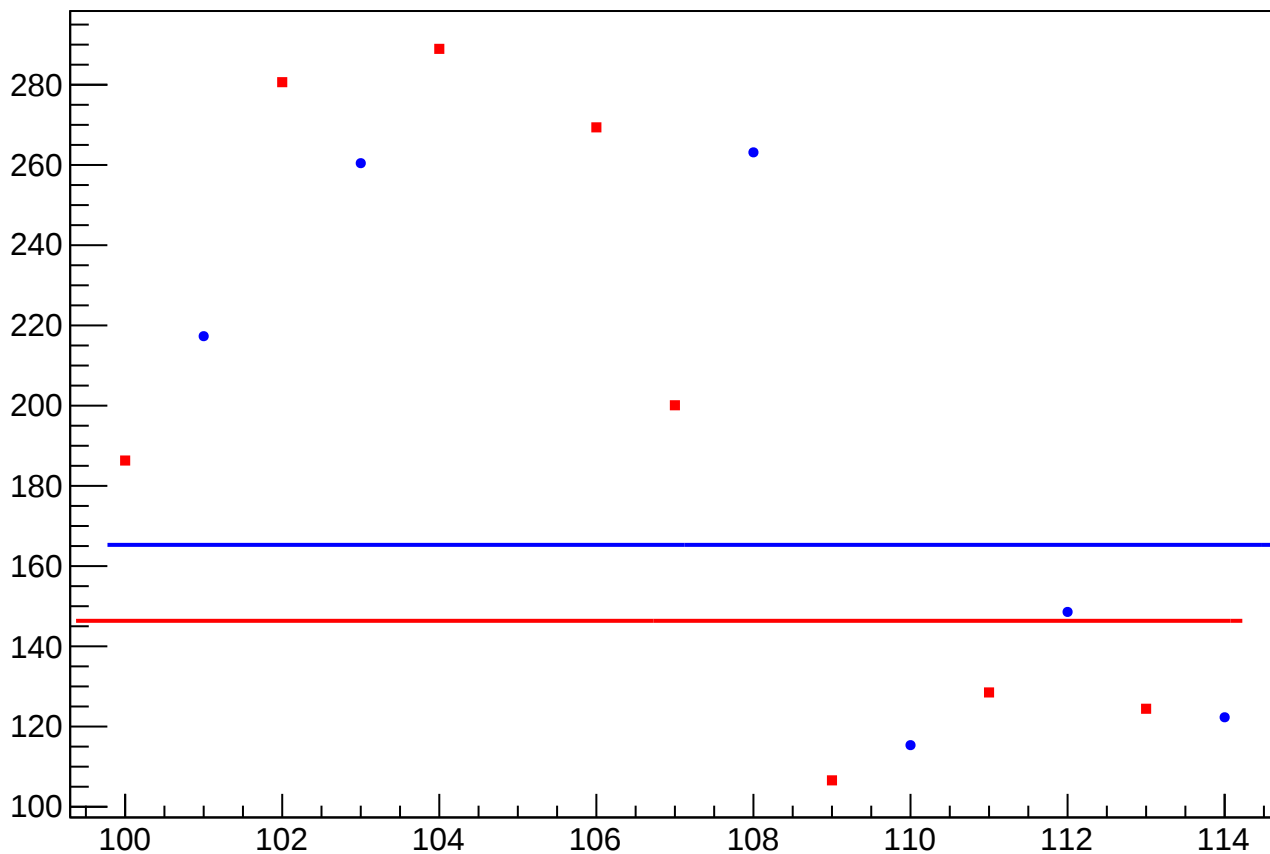
Right: 80.165+/-70.809 χ^2/NDF : 2.9/13

In: 111.770+/-112.538 χ^2/NDF : 1.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.165+/-70.809 χ^2/NDF : 2.9/13

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 165.294+/-0.080 χ^2/NDF : 479246.9/5

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

Right Out: 146.360+/-0.064 χ^2/NDF : 812877.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

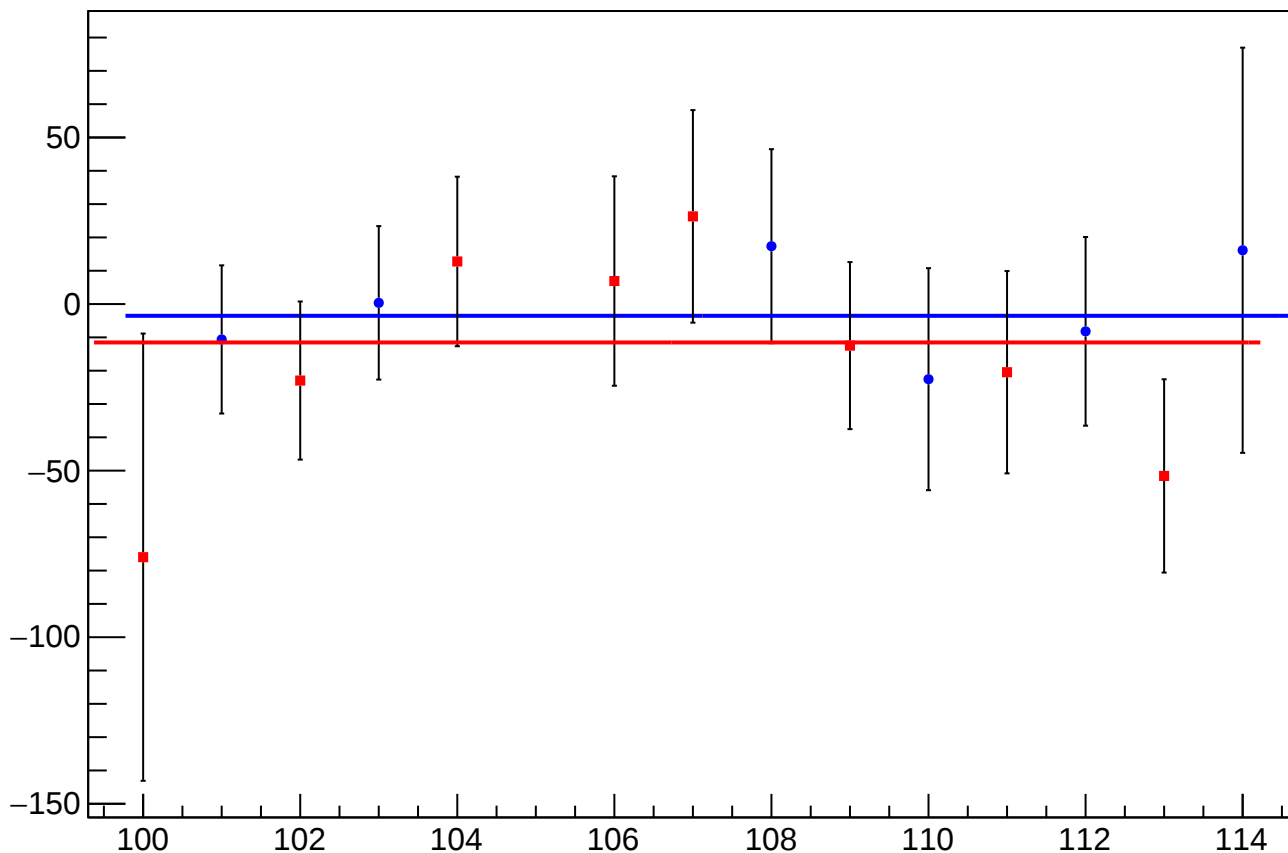
Right: 153.855+/-0.050 χ^2/NDF : 1326326.1/13

In: 165.294+/-0.080 χ^2/NDF : 479246.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.855+/-0.050 χ^2/NDF : 1326326.1/13

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -3.521+/-11.544 χ^2/NDF : 1.1/5

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

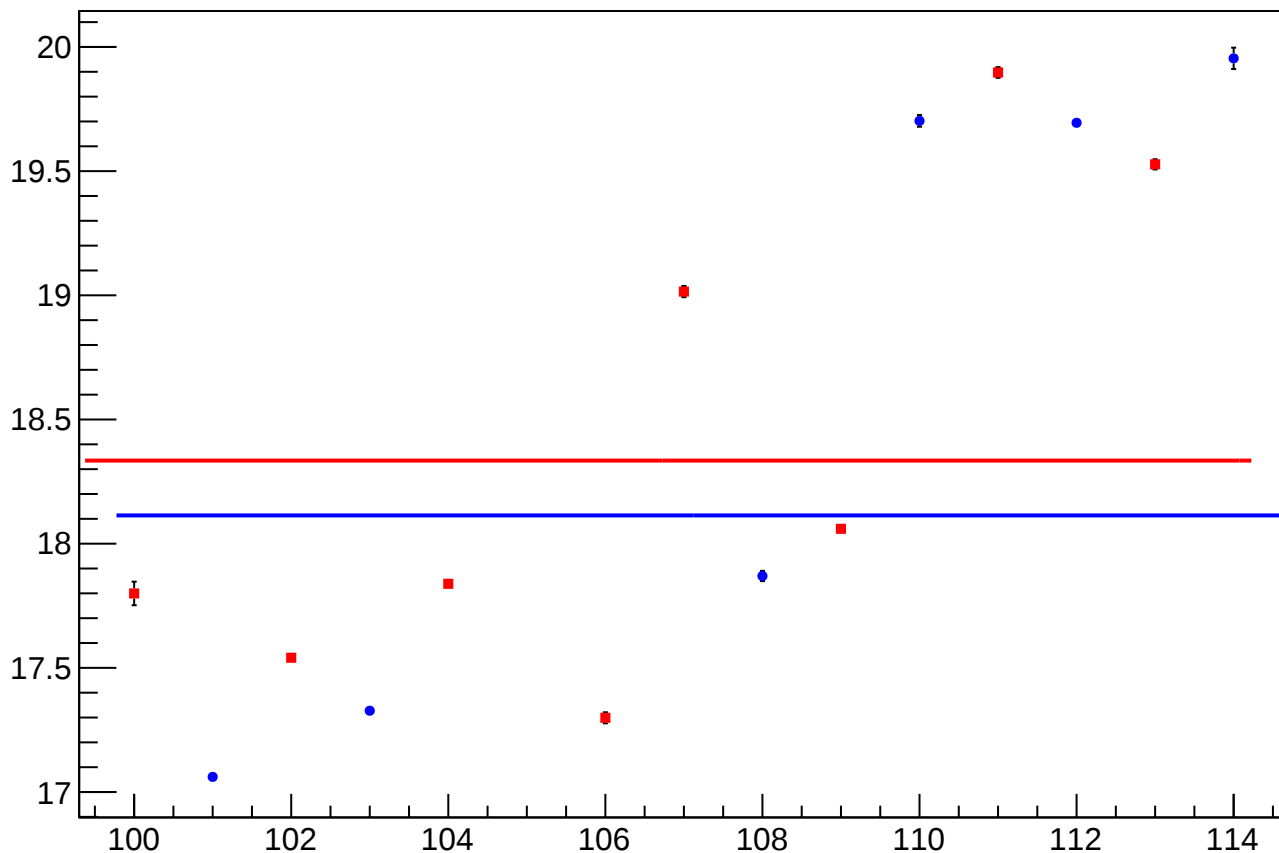
Right: -7.972+/-7.691 χ^2/NDF : 7.2/13

In: -3.521+/-11.544 χ^2/NDF : 1.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.972+/-7.691 χ^2/NDF : 7.2/13

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 18.114+/-0.008 χ^2 /NDF: 19562.0/5

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

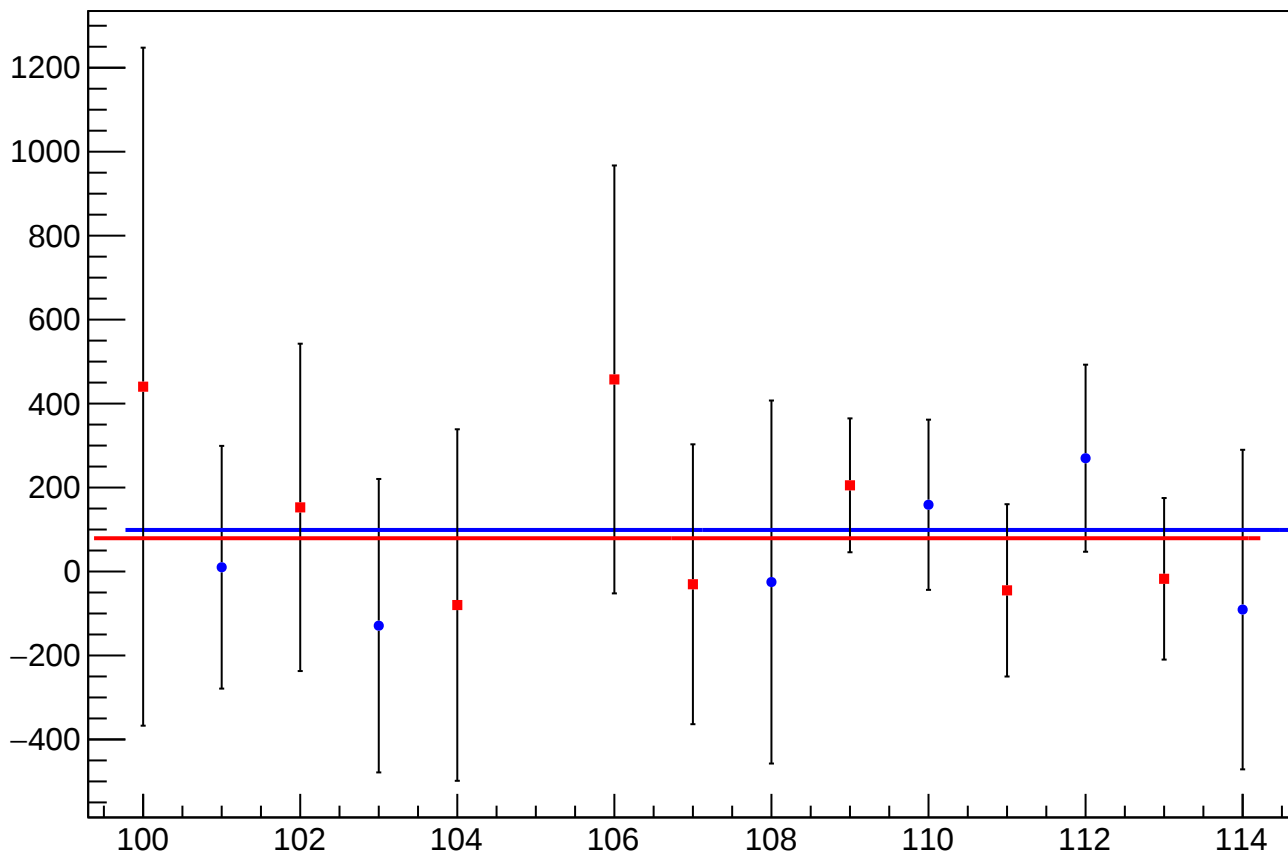
Right: 18.237+/-0.005 χ^2 /NDF: 35094.8/13

In: 18.114+/-0.008 χ^2 /NDF:19562.0/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 18.237+/-0.005 χ^2 /NDF: 35094.8/13

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 98.990+/-114.045 χ^2/NDF : 1.5/5

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

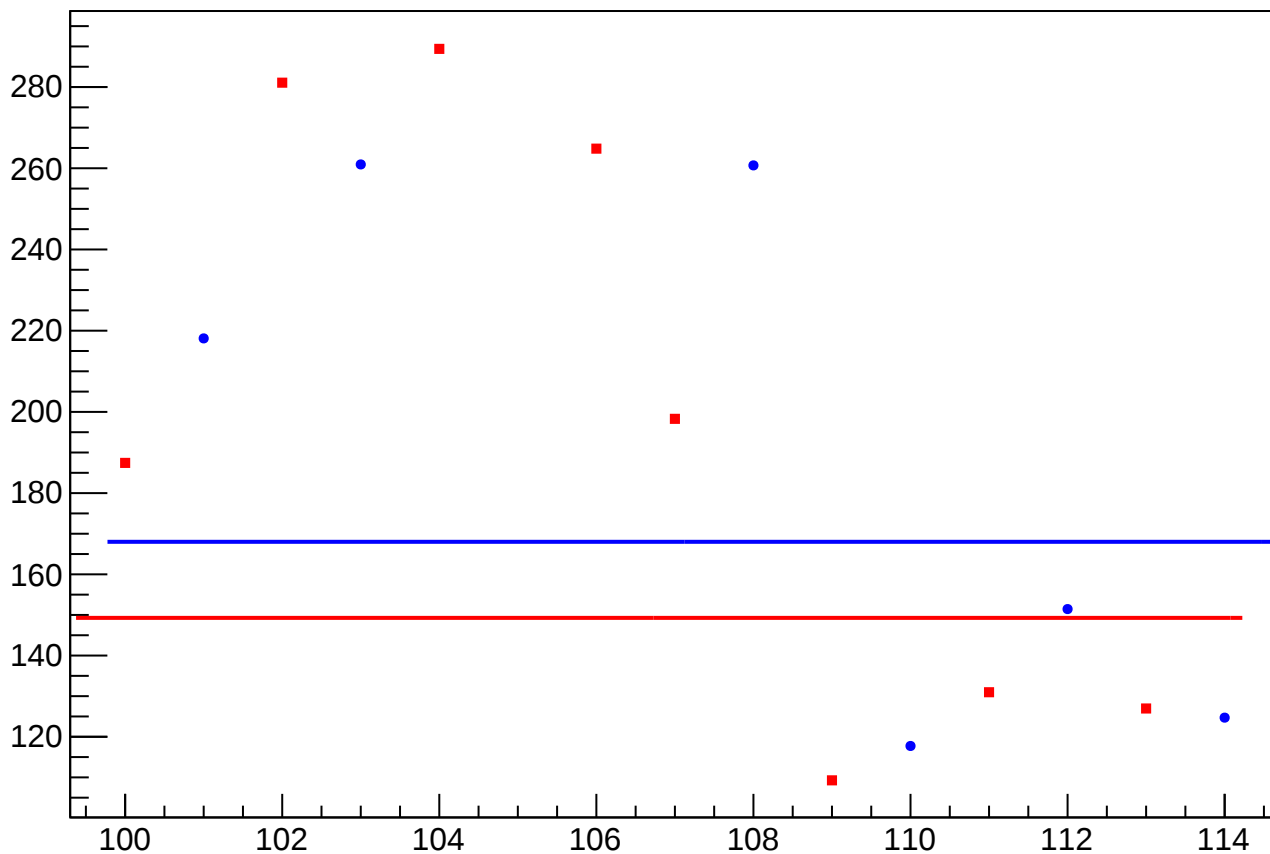
Right: 87.089+/-71.863 χ^2/NDF : 3.8/13

In: 98.990+/-114.045 χ^2/NDF : 1.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.089+/-71.863 χ^2/NDF : 3.8/13

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 168.011 $\pm$ 0.081 χ^2 /NDF: 453360.7/5

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

Right Out: 149.279 $\pm$ 0.065 χ^2 /NDF: 771861.3/7

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

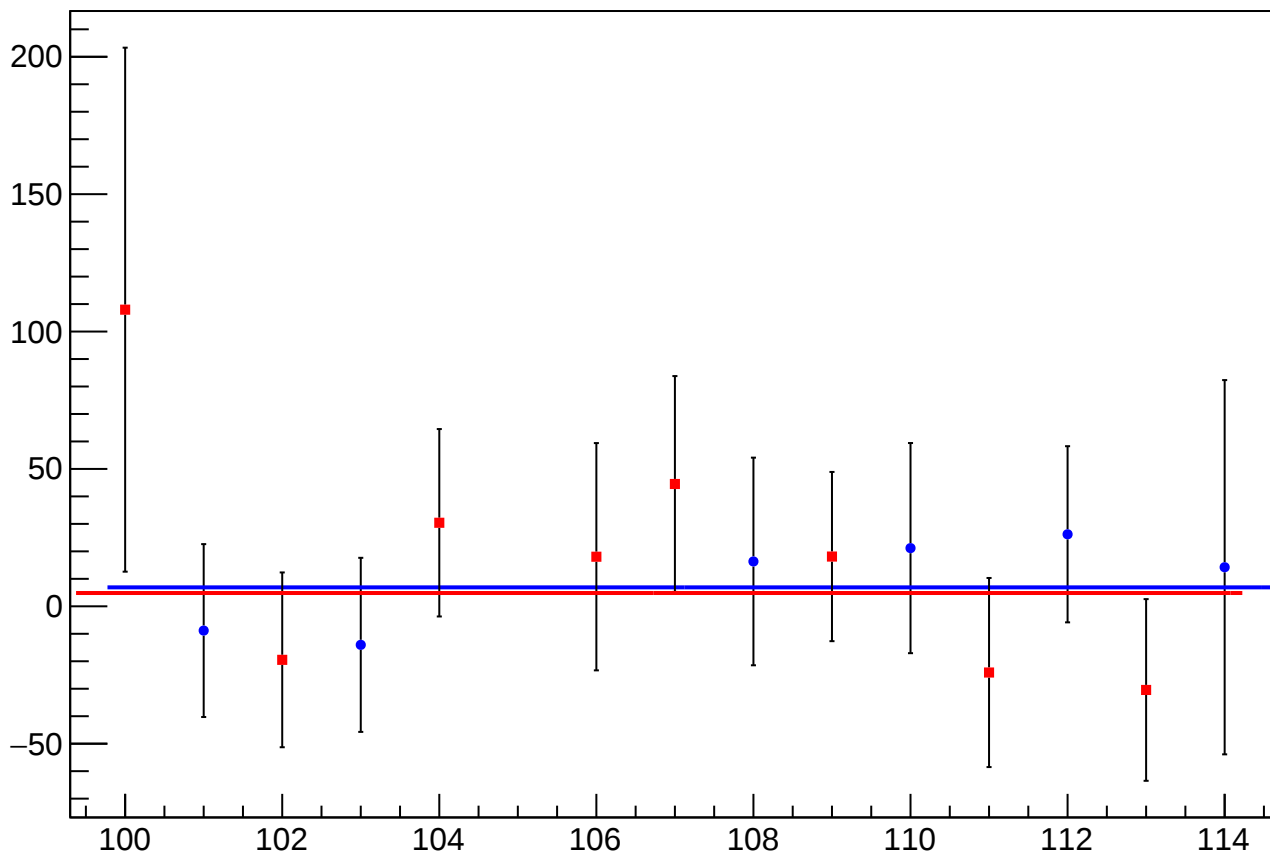
Right: 156.717 $\pm$ 0.051 χ^2 /NDF: 1257756.2/13

In: 168.011 $\pm$ 0.081 χ^2 /NDF:453360.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 156.717 $\pm$ 0.051 χ^2 /NDF: 1257756.2/13

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 6.898+/-14.777 χ^2/NDF : 1.3/5

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

Right Out: 4.839+/-12.905 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

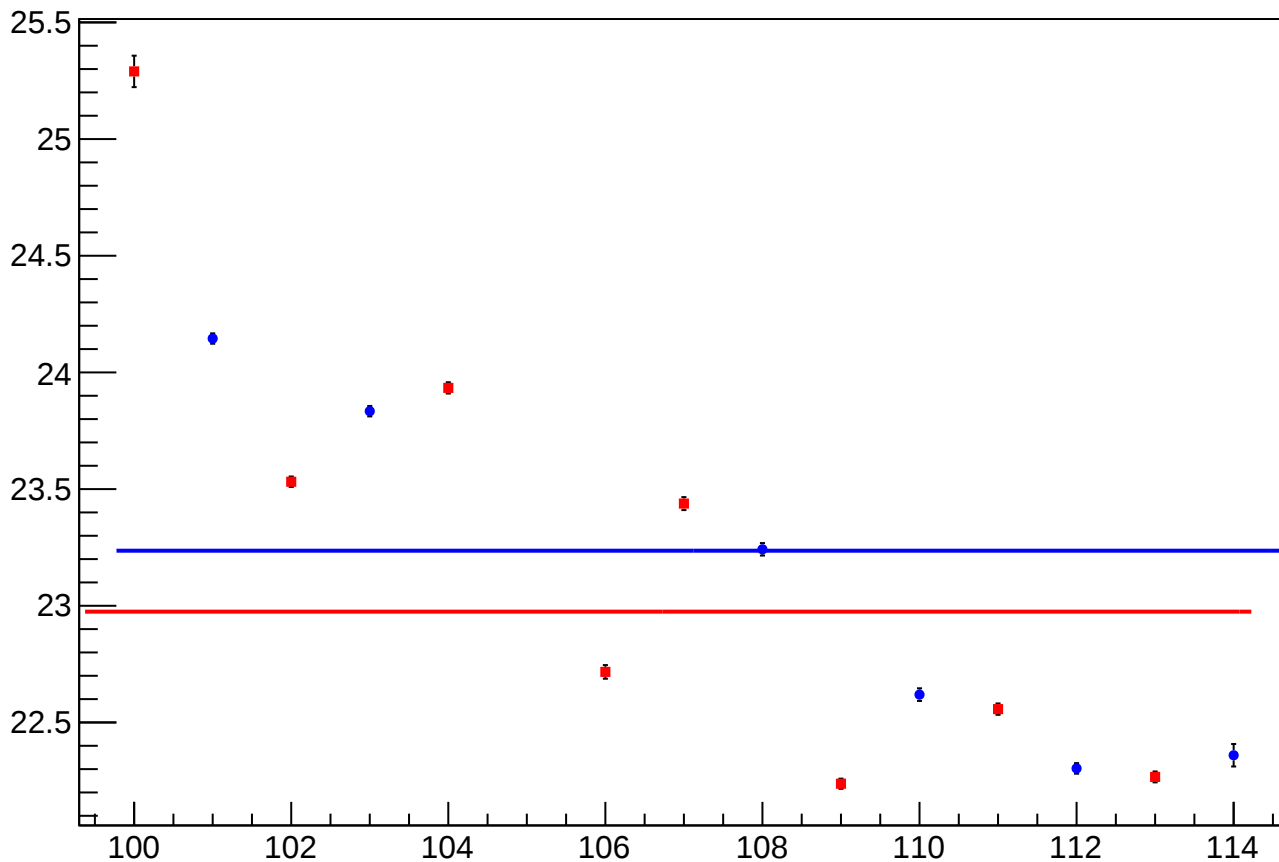
Right: 5.730+/-9.720 χ^2/NDF : 6.7/13

In: 6.898+/-14.777 χ^2/NDF : 1.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.730+/-9.720 χ^2/NDF : 6.7/13

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 23.236+/-0.010 χ^2/NDF : 4927.7/5

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

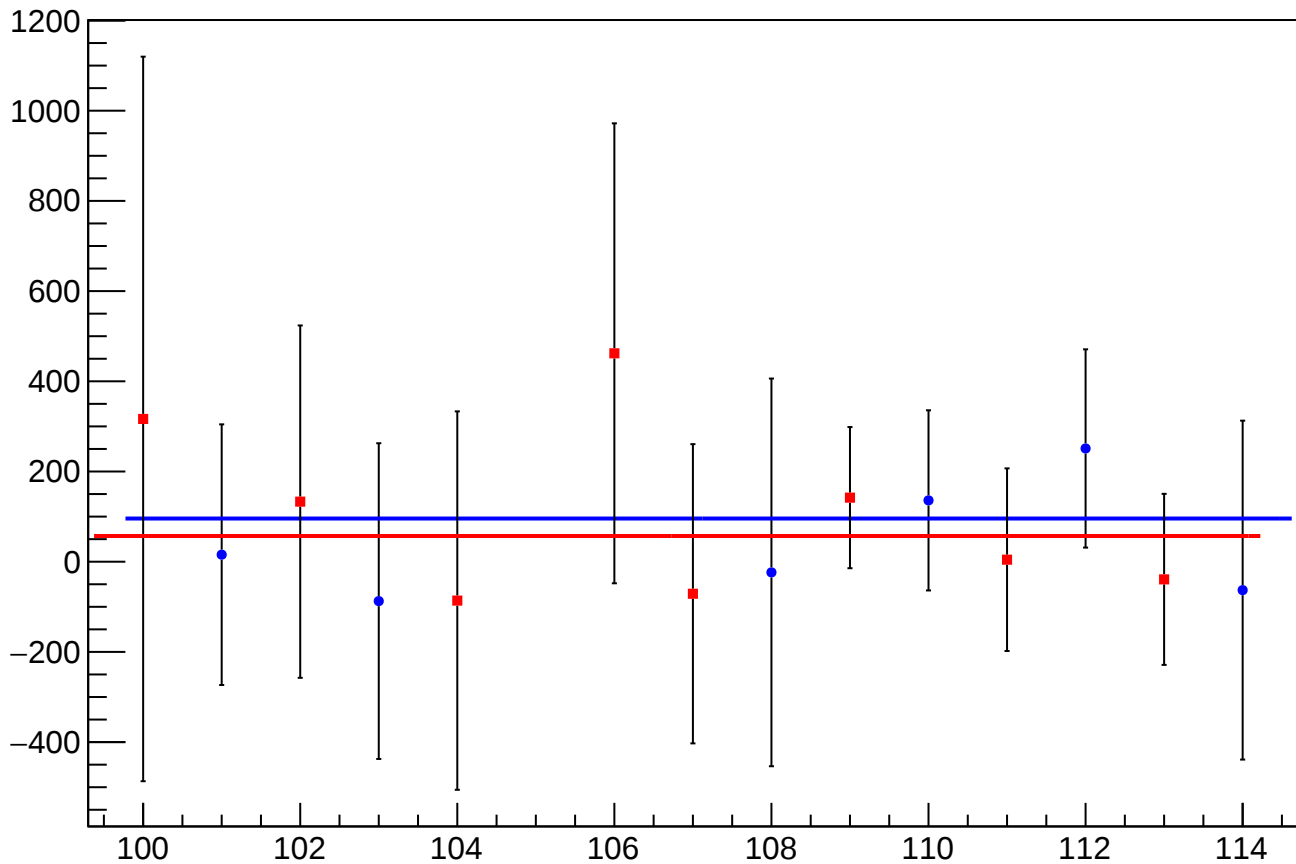
Right: 23.088+/-0.007 χ^2/NDF : 11369.3/13

In: 23.236+/-0.010 χ^2/NDF : 4927.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.088+/-0.007 χ^2/NDF : 11369.3/13

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 95.735+/-112.937 χ^2/NDF : 1.1/5

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

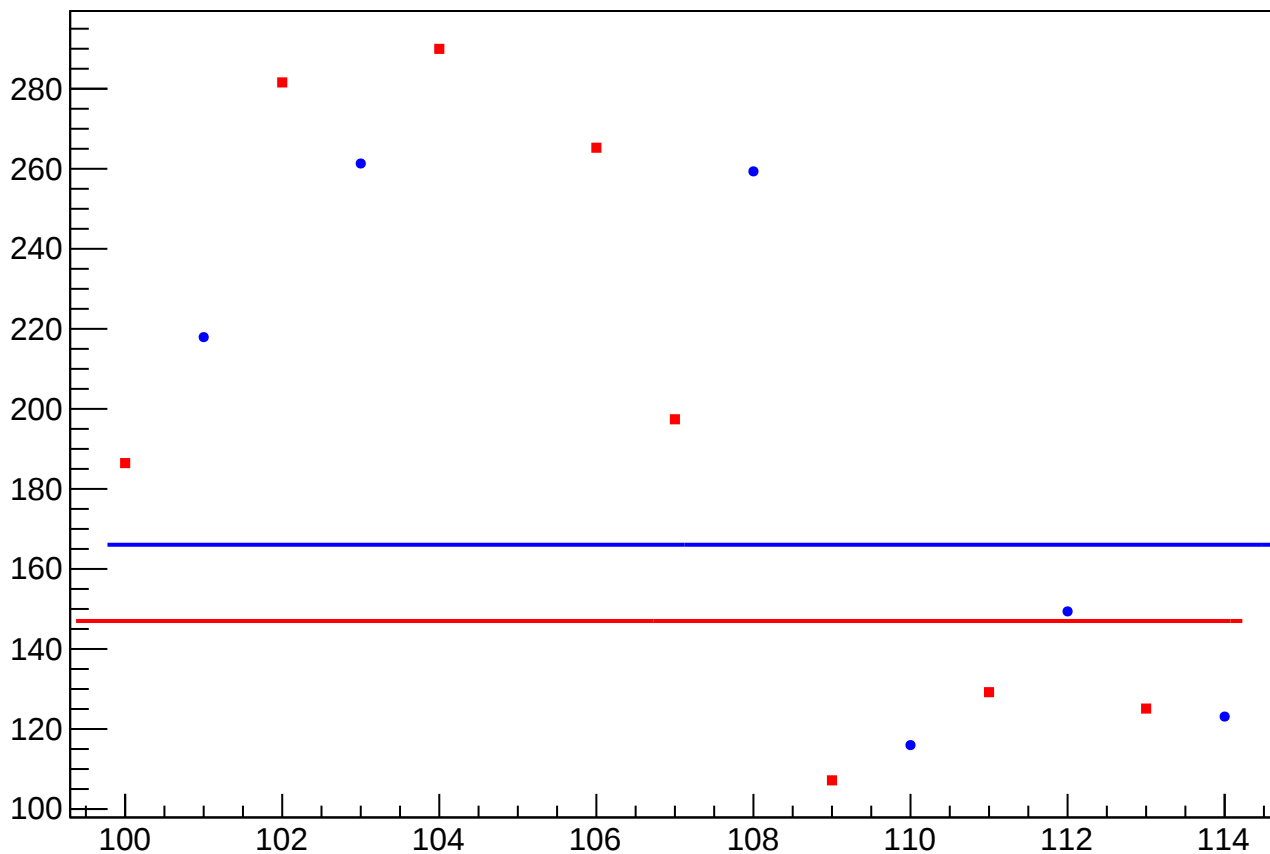
Right: 72.319+/-71.039 χ^2/NDF : 2.9/13

In: 95.735+/-112.937 χ^2/NDF : 1.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.319+/-71.039 χ^2/NDF : 2.9/13

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 166.050+/-0.080 χ^2/NDF : 470198.0/5

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

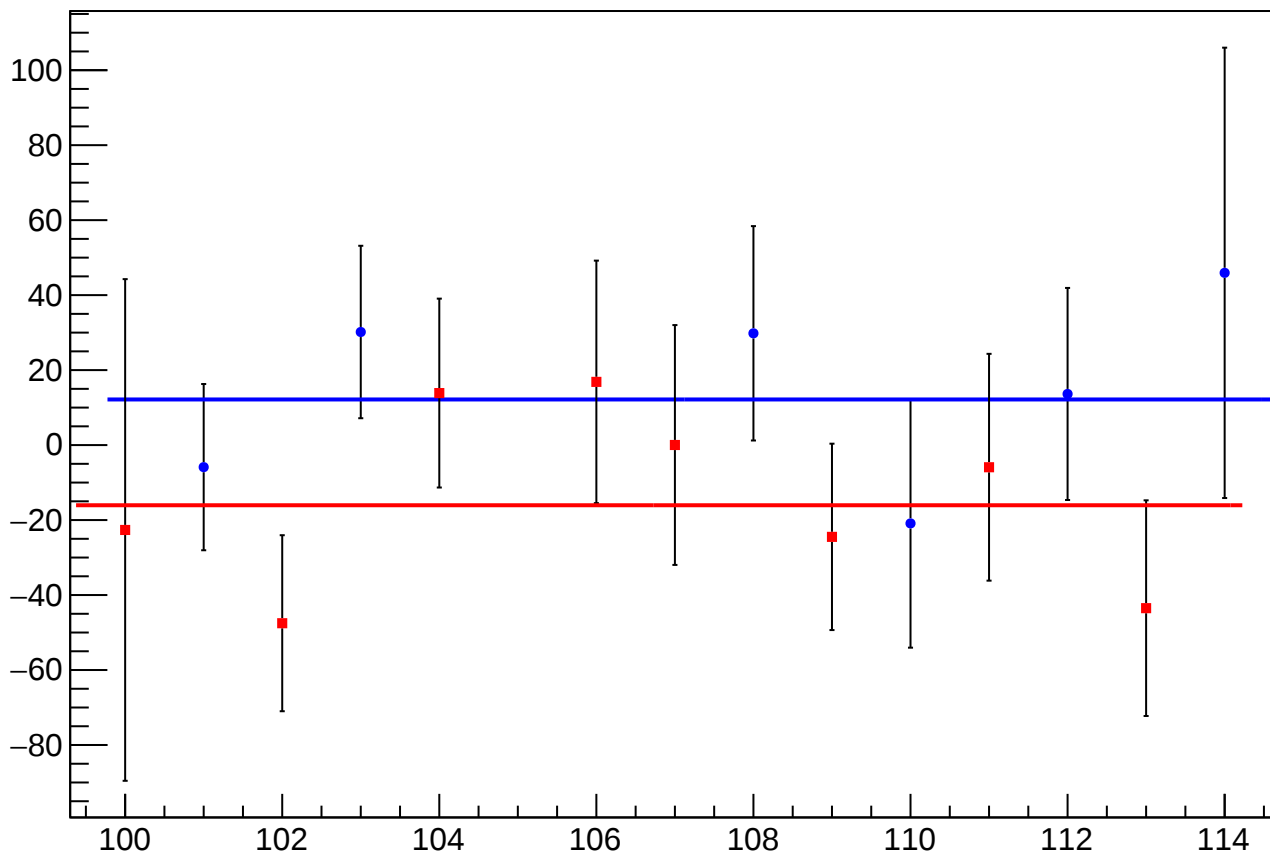
Right: 154.532+/-0.050 χ^2/NDF : 1304520.6/13

In: 166.050+/-0.080 χ^2/NDF : 470198.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.532+/-0.050 χ^2/NDF : 1304520.6/13

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 12.167+/-11.482 χ^2/NDF : 3.0/5

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

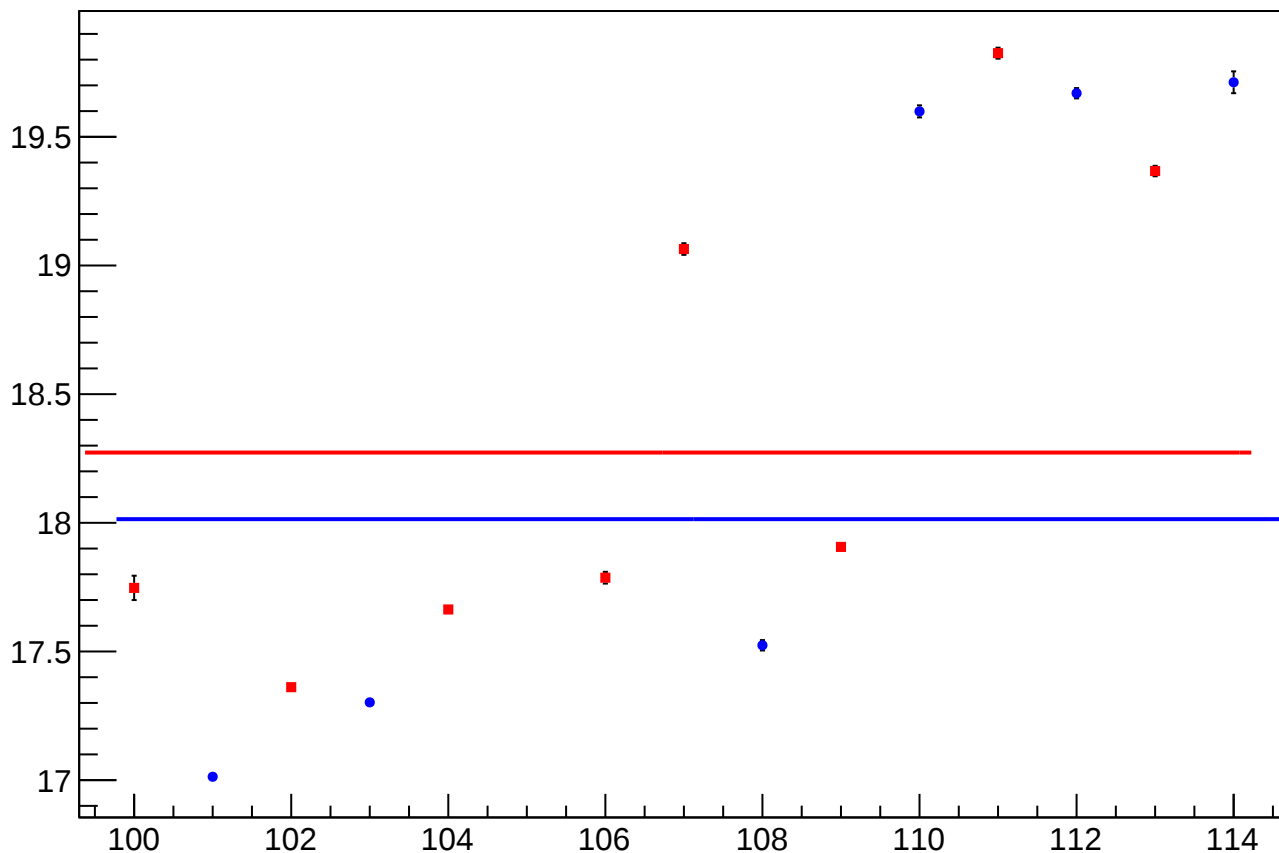
Right: -3.498+/-7.658 χ^2/NDF : 12.0/13

In: 12.167+/-11.482 χ^2/NDF : 3.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.498+/-7.658 χ^2/NDF : 12.0/13

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 18.014+/-0.008 χ^2/NDF : 19601.0/5

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

Right Out: 18.273+/-0.007 χ^2/NDF : 14580.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

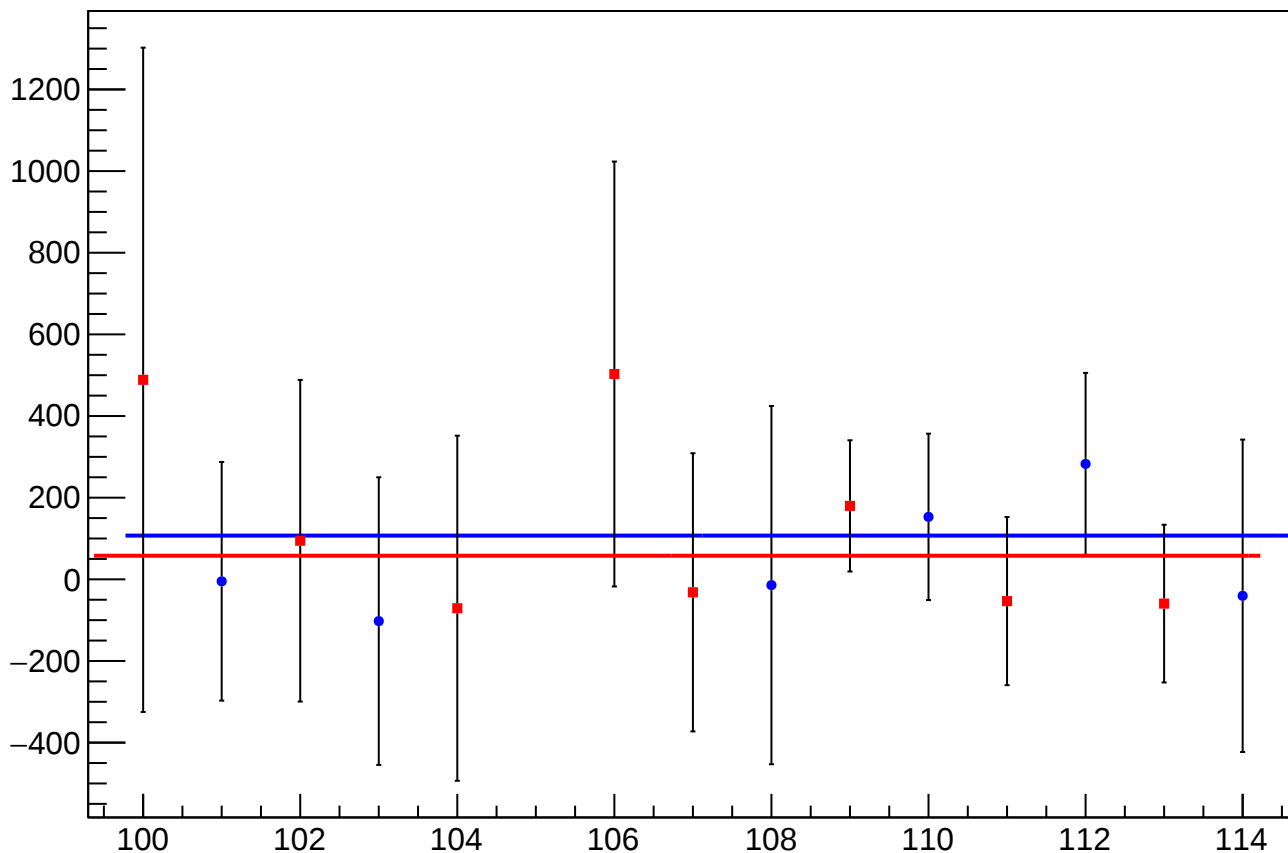
Right: 18.158+/-0.005 χ^2/NDF : 34745.9/13

In: 18.014+/-0.008 χ^2/NDF : 19601.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.158+/-0.005 χ^2/NDF : 34745.9/13

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 107.128+/-114.730 χ^2/NDF : 1.4/5

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

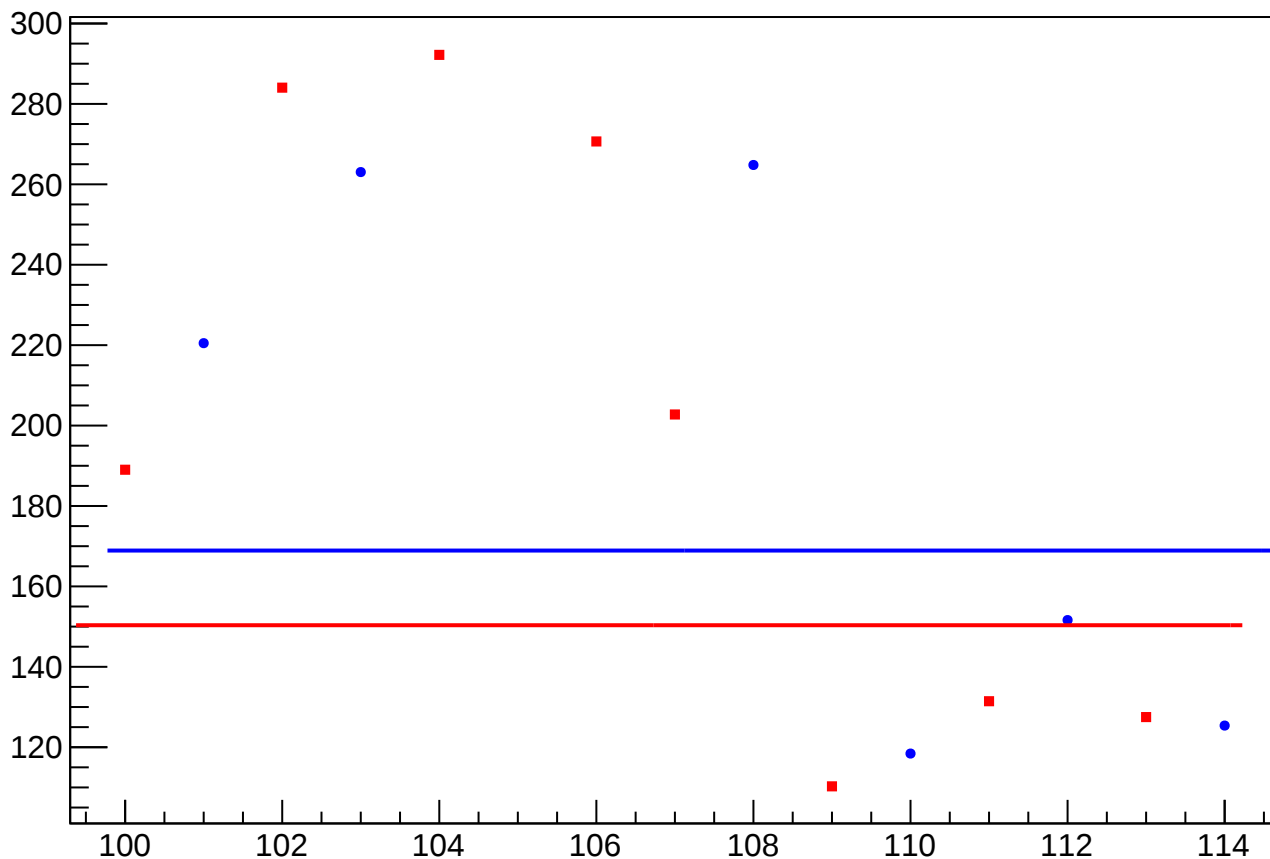
Right: 77.434+/-72.368 χ^2/NDF : 3.9/13

In: 107.128+/-114.730 χ^2/NDF :1.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 77.434+/-72.368 χ^2/NDF : 3.9/13

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 168.916+/-0.081 χ^2/NDF : 461228.9/5

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

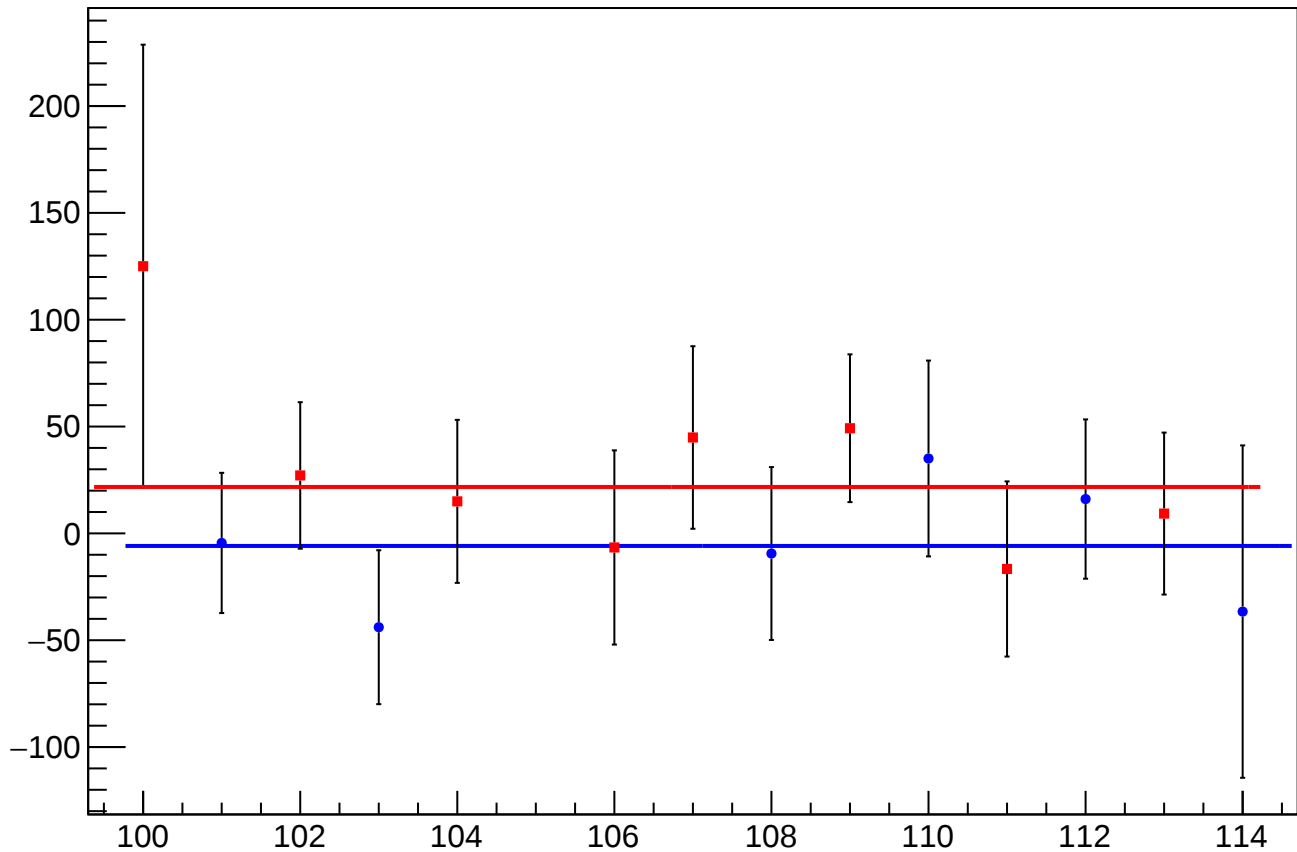
Right: 157.733+/-0.051 χ^2/NDF : 1276314.1/13

In: 168.916+/-0.081 χ^2/NDF :461228.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 157.733+/-0.051 χ^2/NDF : 1276314.1/13

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.874 $\pm$ 16.503 χ^2 /NDF: 2.4/5

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

Right Out: 21.729 $\pm$ 14.448 χ^2 /NDF: 3.3/7

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

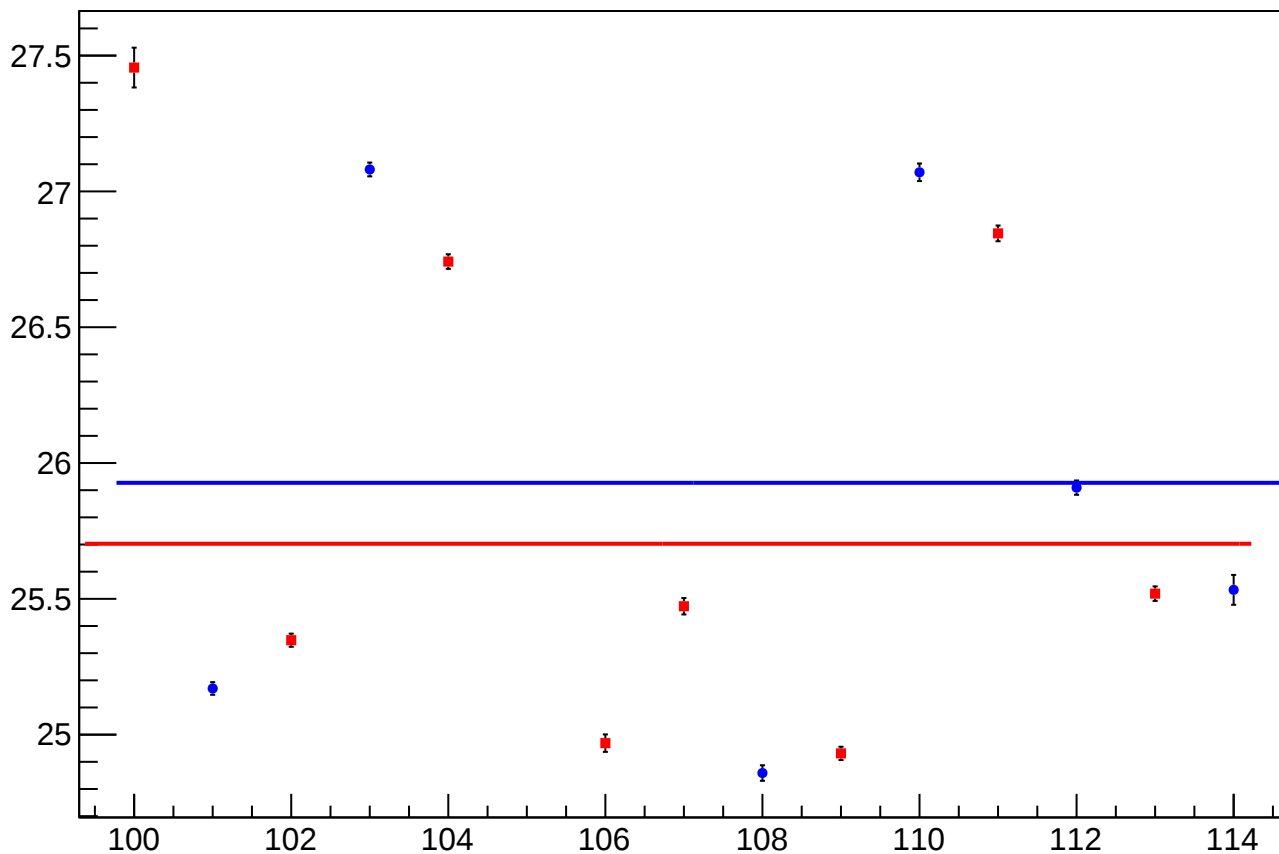
Right: 9.753 $\pm$ 10.870 χ^2 /NDF: 7.4/13

In: -5.874 $\pm$ 16.503 χ^2 /NDF: 2.4/5

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

All: 9.753 $\pm$ 10.870 χ^2 /NDF: 7.4/13

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.927+/-0.012 χ^2/NDF : 5808.6/5

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

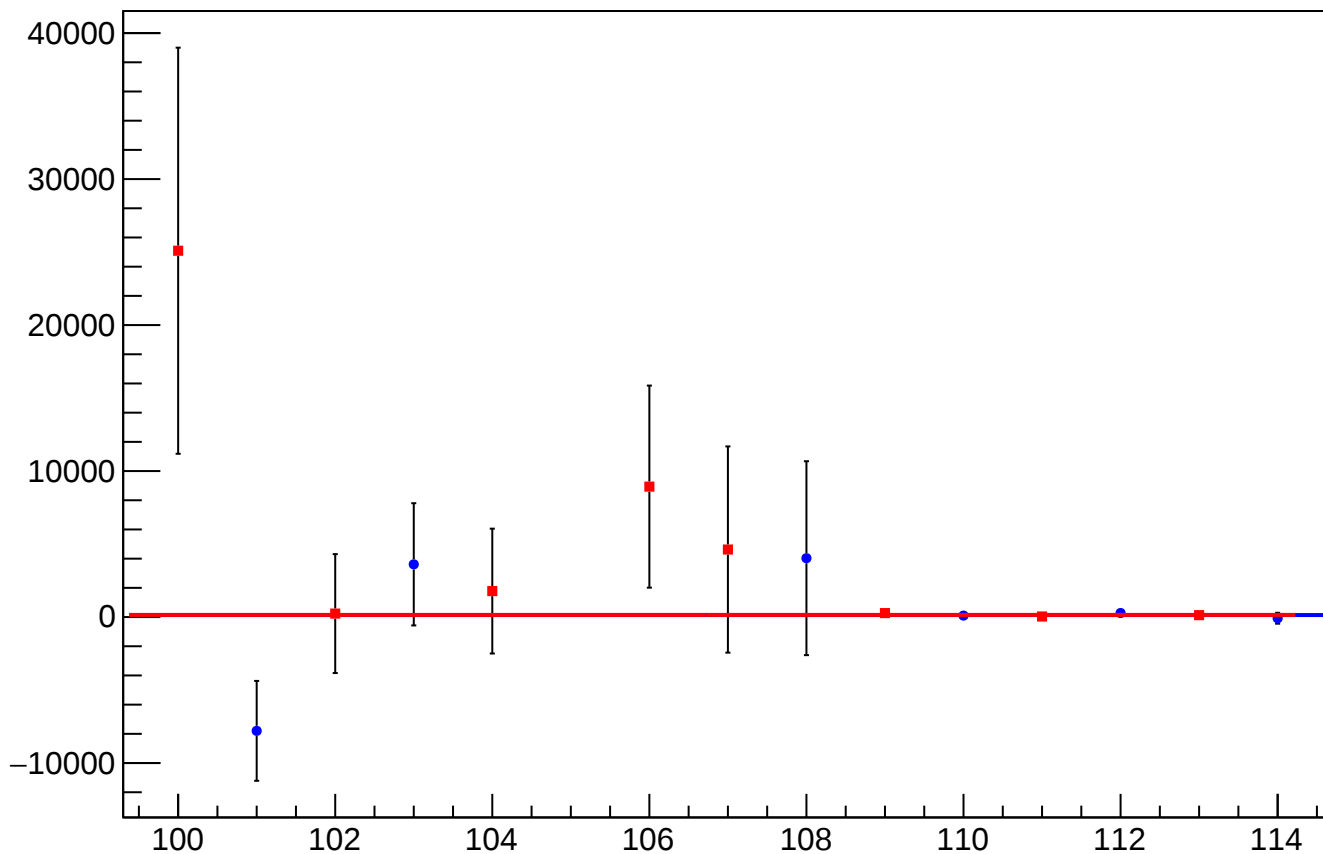
Right: 25.800+/-0.008 χ^2/NDF : 11464.3/13

In: 25.927+/-0.012 χ^2/NDF : 5808.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.800+/-0.008 χ^2/NDF : 11464.3/13

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 137.618 $\pm$ 137.463 χ^2 /NDF: 7.2/5

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

Right Out: 147.226 $\pm$ 116.281 χ^2 /NDF: 6.0/7

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

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

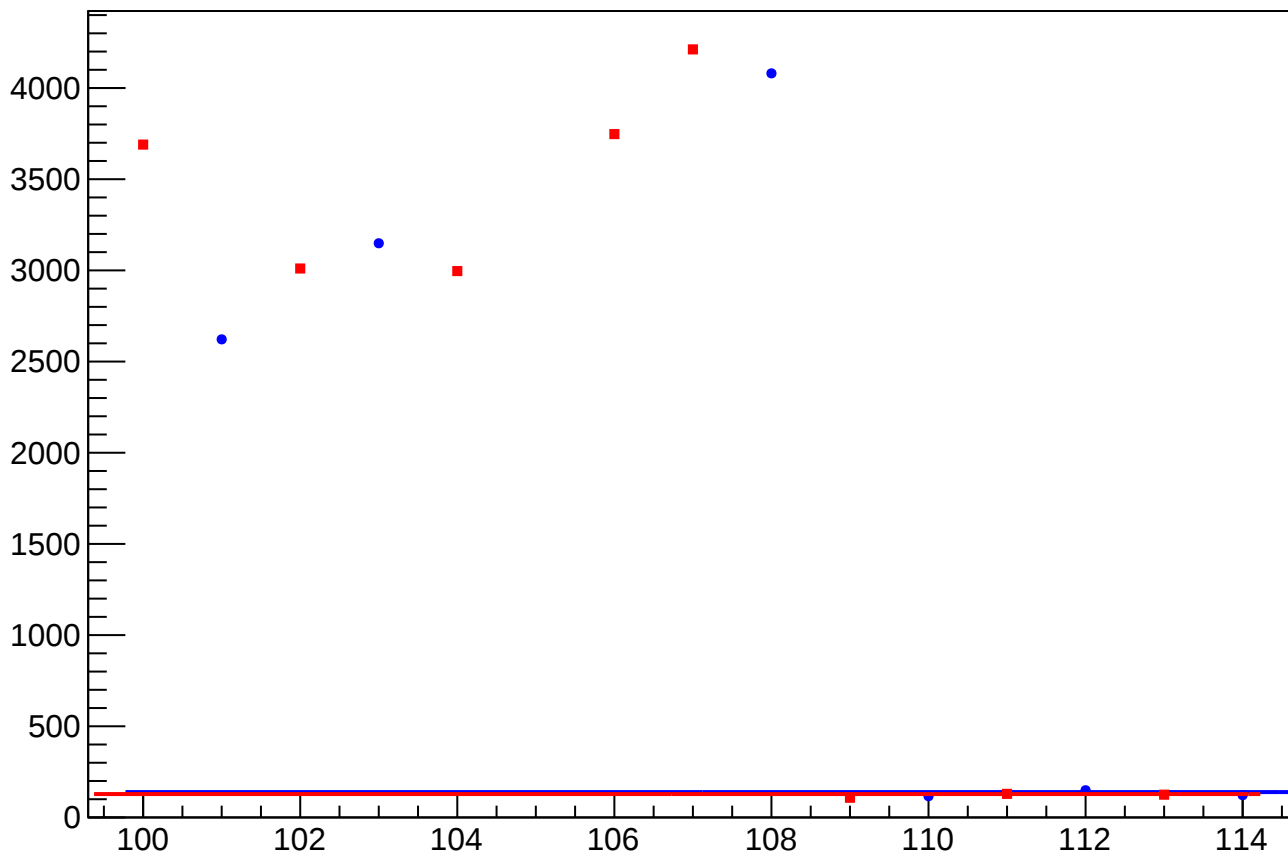
Right: 143.219 $\pm$ 88.778 χ^2 /NDF: 13.2/13

In: 137.618 $\pm$ 137.463 χ^2 /NDF:7.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 143.219 $\pm$ 88.778 χ^2 /NDF: 13.2/13

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 139.178+/-0.097 χ^2/NDF : 2825417.2/5

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

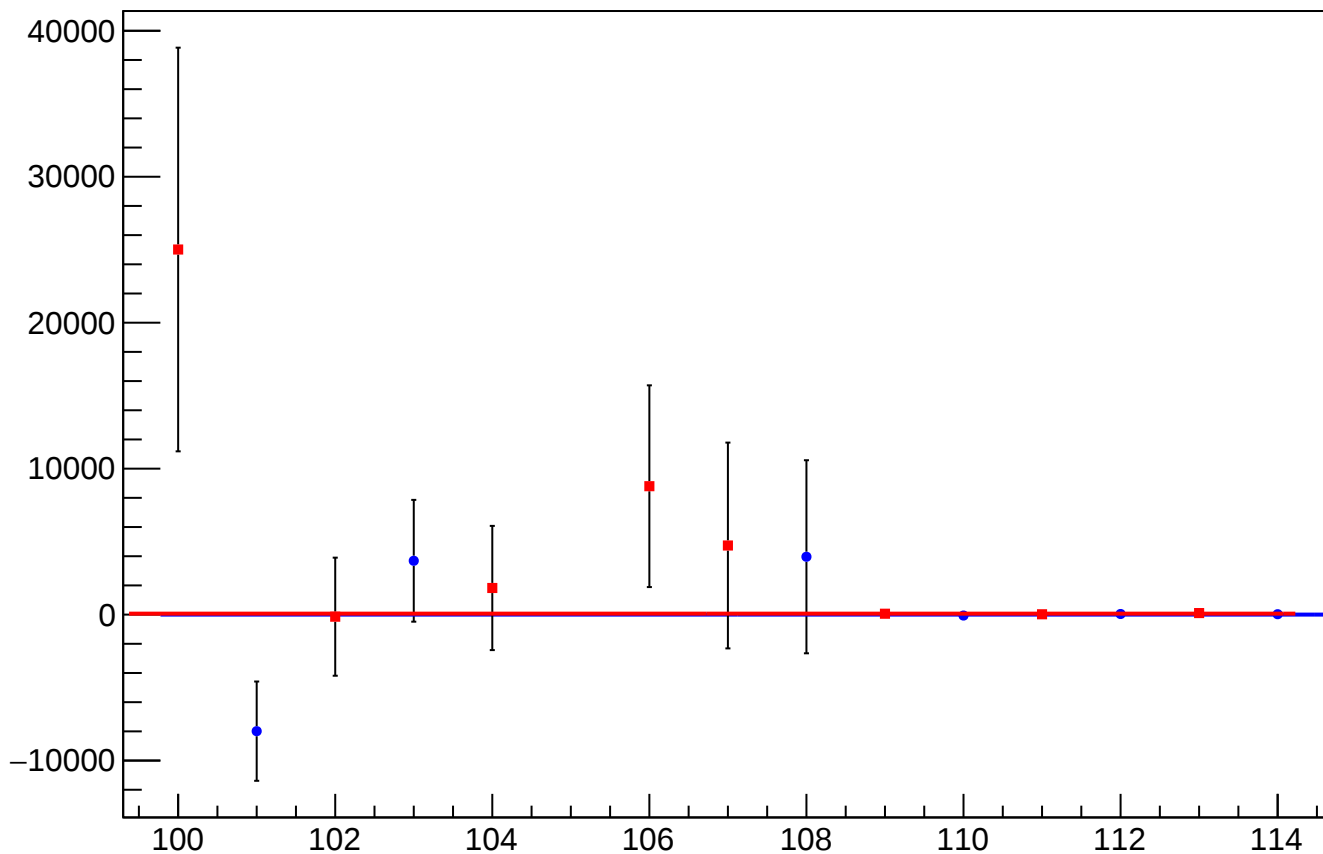
Right: 132.844+/-0.063 χ^2/NDF : 6098716.7/13

In: 139.178+/-0.097 χ^2/NDF :2825417.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 132.844+/-0.063 χ^2/NDF : 6098716.7/13

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.795 $\pm$ 27.372 χ^2 /NDF: 10.0/5

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

Right Out: 65.569 $\pm$ 24.899 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

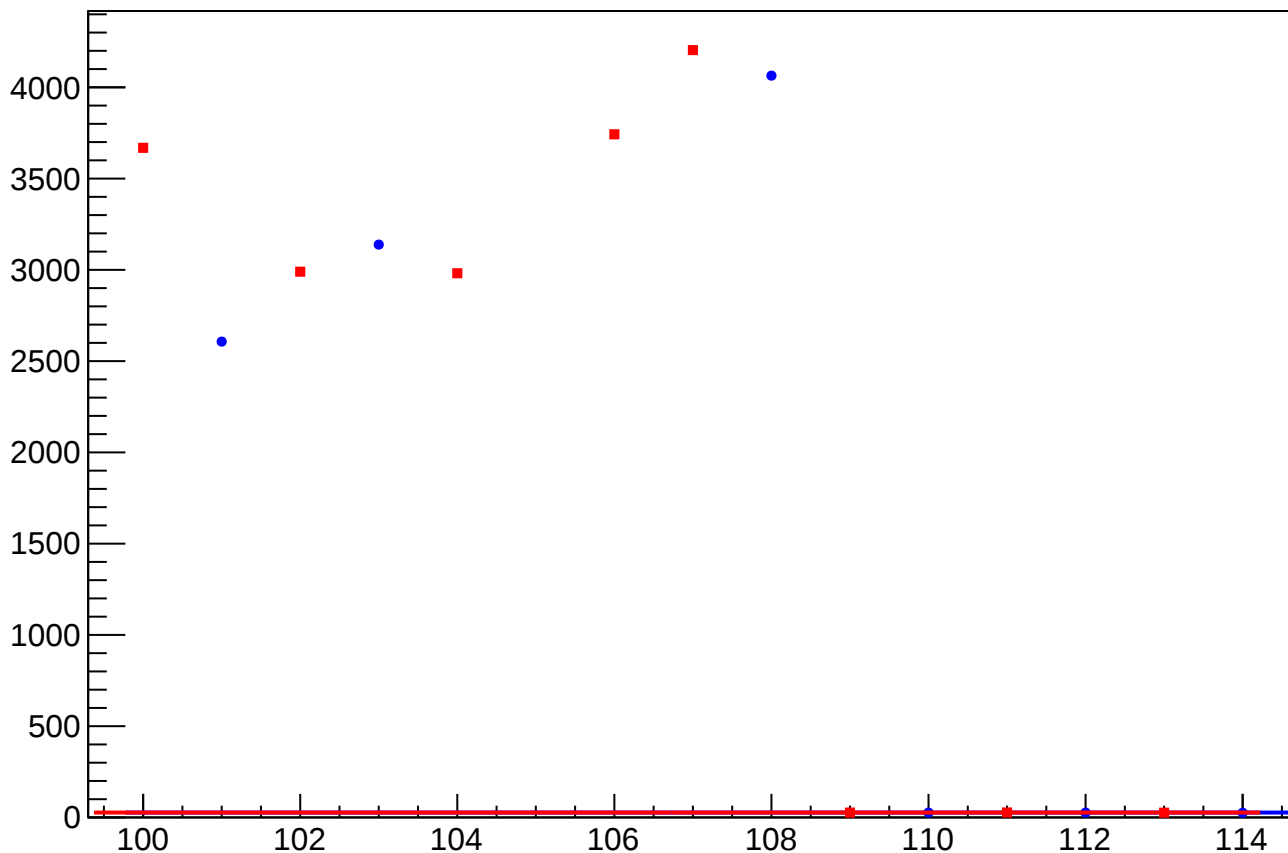
Right: 36.239 $\pm$ 18.418 χ^2 /NDF: 20.6/13

In: 0.795 $\pm$ 27.372 χ^2 /NDF:10.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 36.239 $\pm$ 18.418 χ^2 /NDF: 20.6/13

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 26.904+/-0.019 χ^2/NDF : 3008925.5/5

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

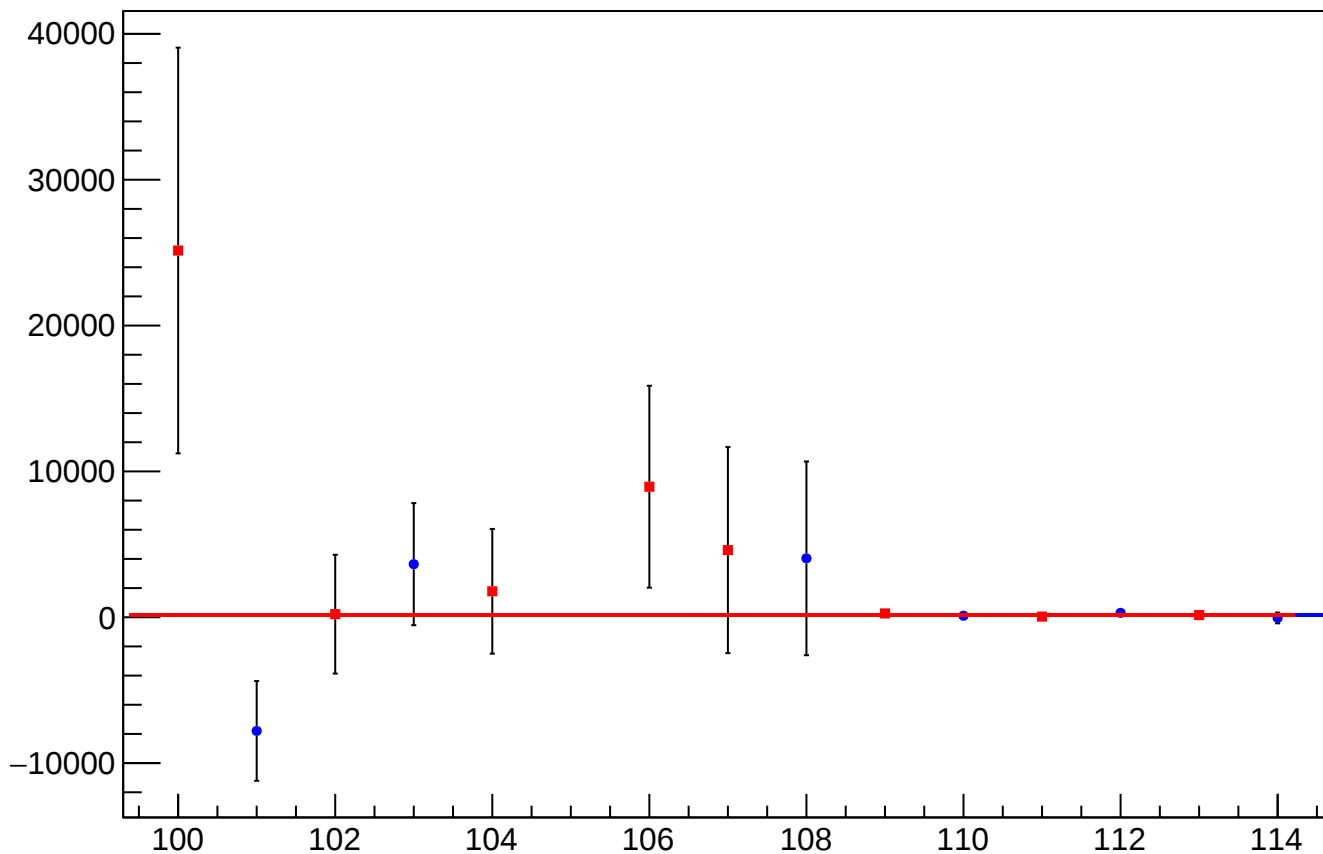
Right: 26.926+/-0.013 χ^2/NDF : 6466167.3/13

In: 26.904+/-0.019 χ^2/NDF : 3008925.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.926+/-0.013 χ^2/NDF : 6466167.3/13

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 154.272 $\pm$ 136.711 χ^2 /NDF: 7.2/5

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

Right Out: 154.010 $\pm$ 115.650 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

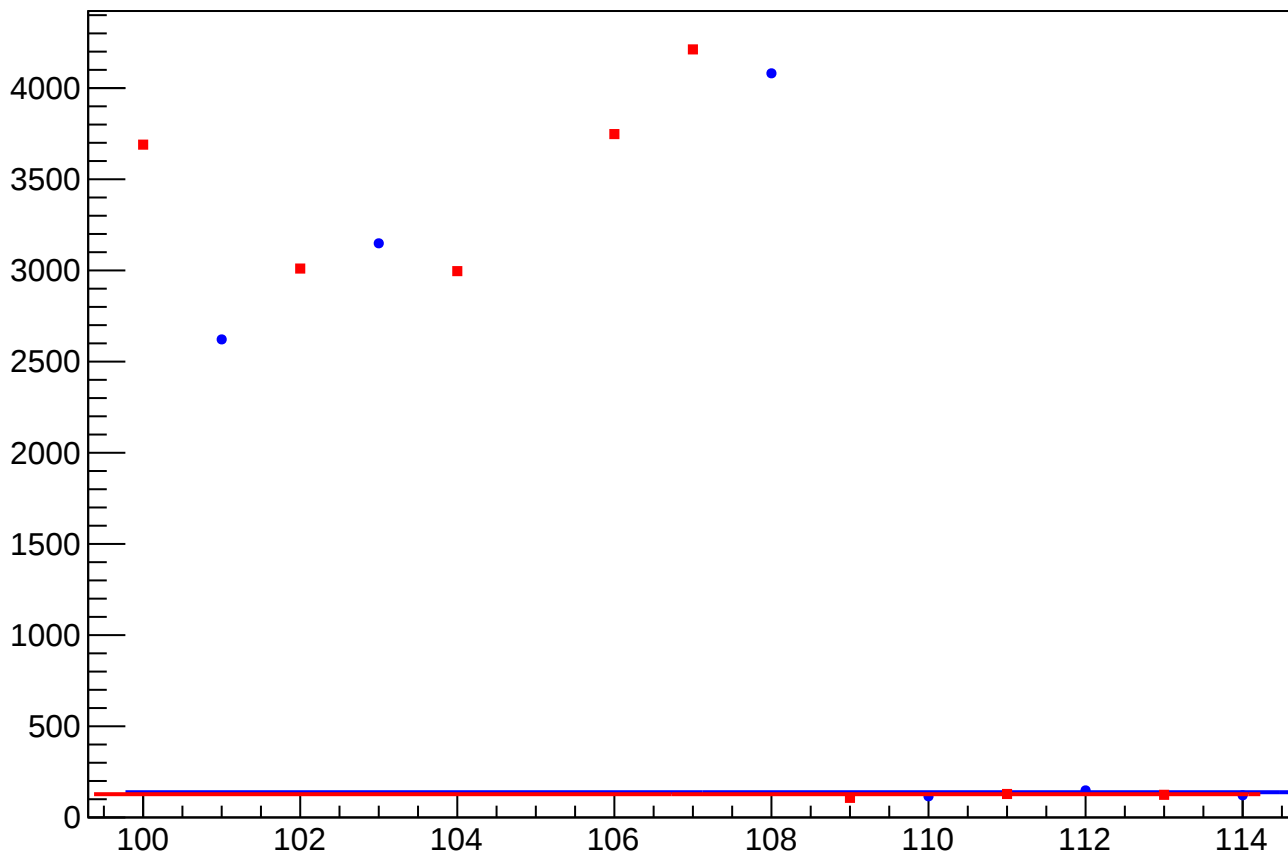
Right: 154.119 $\pm$ 88.295 χ^2 /NDF: 13.2/13

In: 154.272 $\pm$ 136.711 χ^2 /NDF:7.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 154.119 $\pm$ 88.295 χ^2 /NDF: 13.2/13

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 138.368+/-0.097 χ^2/NDF : 2826882.2/5

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

Right Out: 127.568+/-0.082 χ^2/NDF : 3267504.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

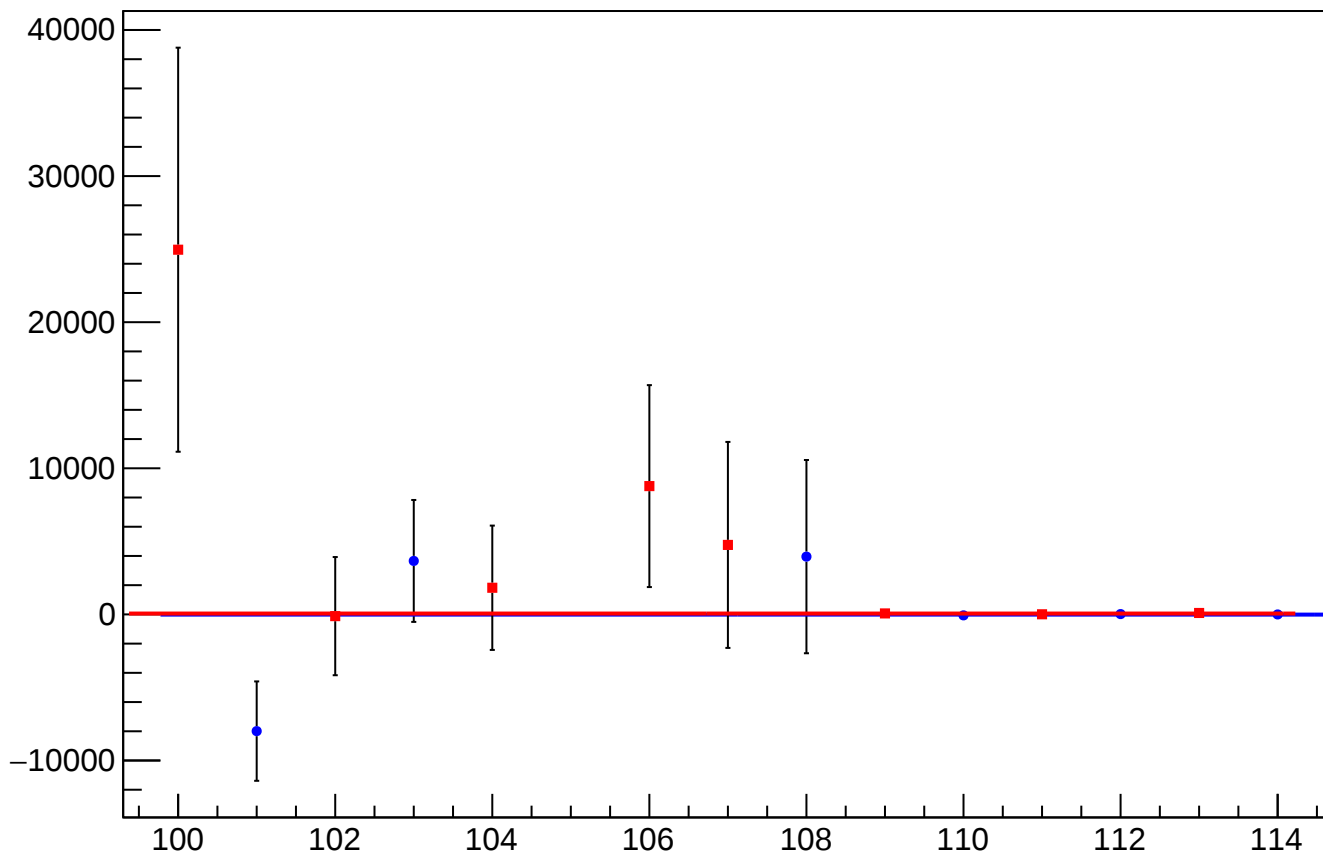
Right: 132.073+/-0.062 χ^2/NDF : 6101661.9/13

In: 138.368+/-0.097 χ^2/NDF : 2826882.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.073+/-0.062 χ^2/NDF : 6101661.9/13

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -14.125 $\pm$ 27.412 χ^2 /NDF: 8.9/5

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

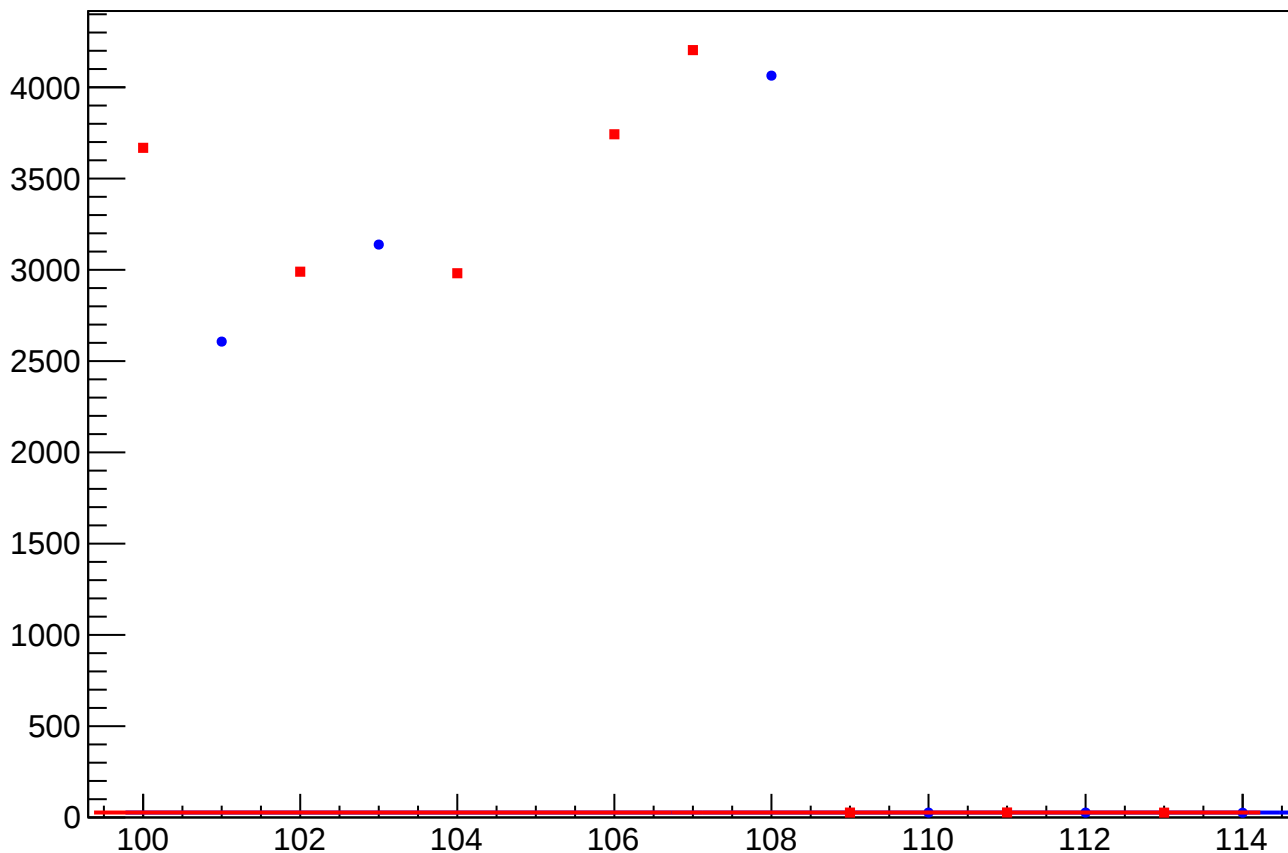
Right: 25.379 $\pm$ 18.457 χ^2 /NDF: 20.6/13

In: -14.125 $\pm$ 27.412 χ^2 /NDF:8.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 25.379 $\pm$ 18.457 χ^2 /NDF: 20.6/13

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 26.944+/-0.019 χ^2/NDF : 3008797.8/5

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

Right Out: 27.017+/-0.018 χ^2/NDF : 3456901.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

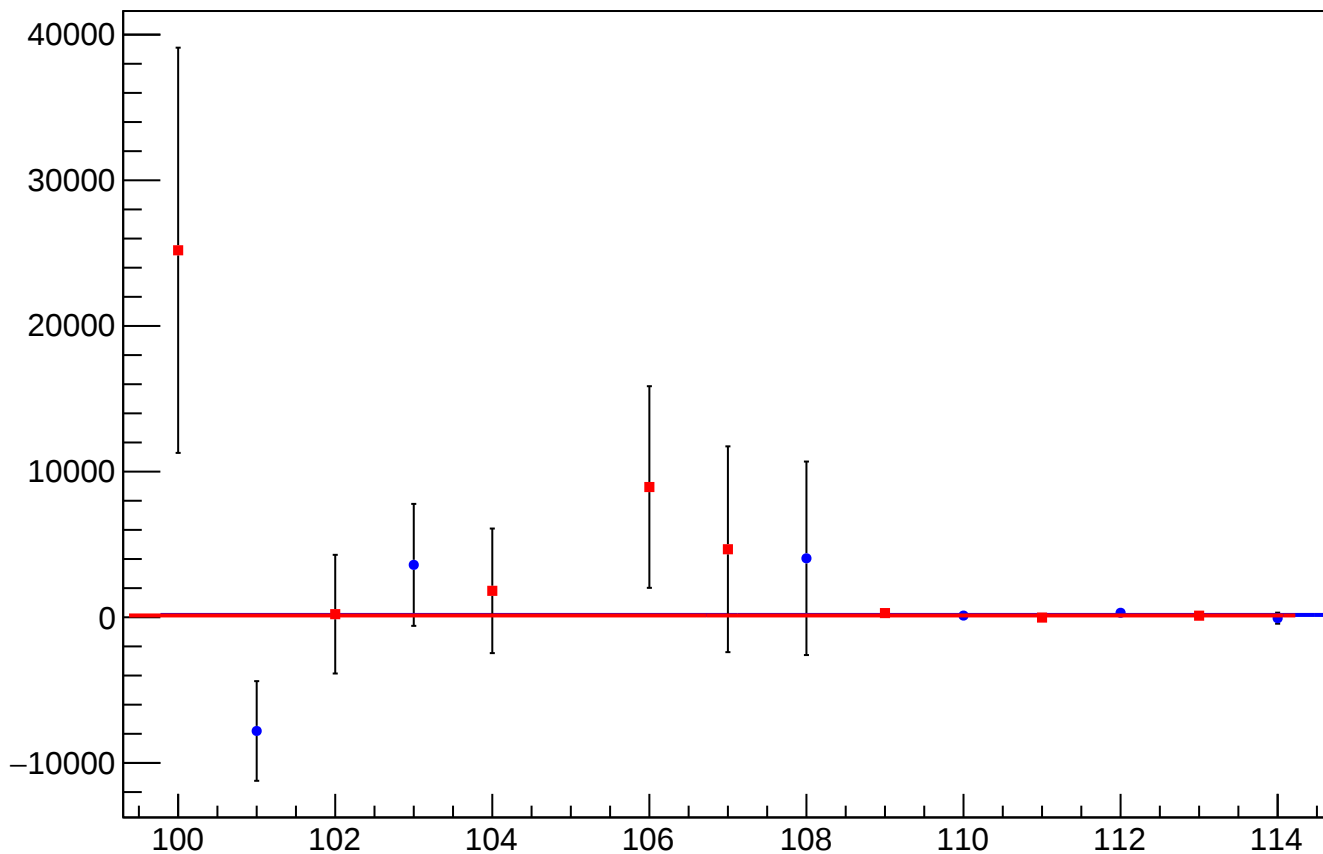
Right: 26.984+/-0.013 χ^2/NDF : 6465707.0/13

In: 26.944+/-0.019 χ^2/NDF : 3008797.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.984+/-0.013 χ^2/NDF : 6465707.0/13

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 160.771+/-139.585 χ^2/NDF : 7.3/5

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

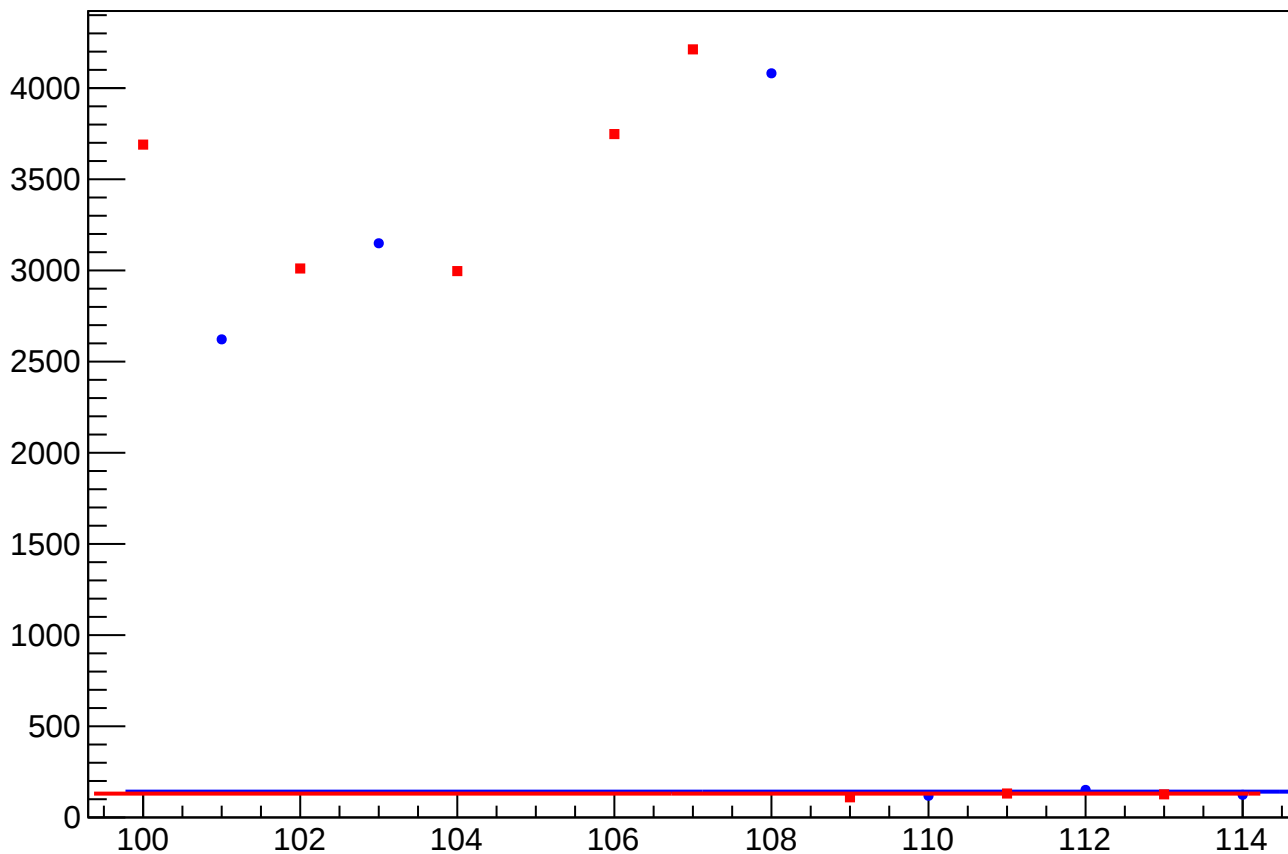
Right: 140.065+/-90.221 χ^2/NDF : 13.8/13

In: 160.771+/-139.585 χ^2/NDF : 7.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.065+/-90.221 χ^2/NDF : 13.8/13

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 141.567+/-0.099 χ^2/NDF : 2819857.9/5

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

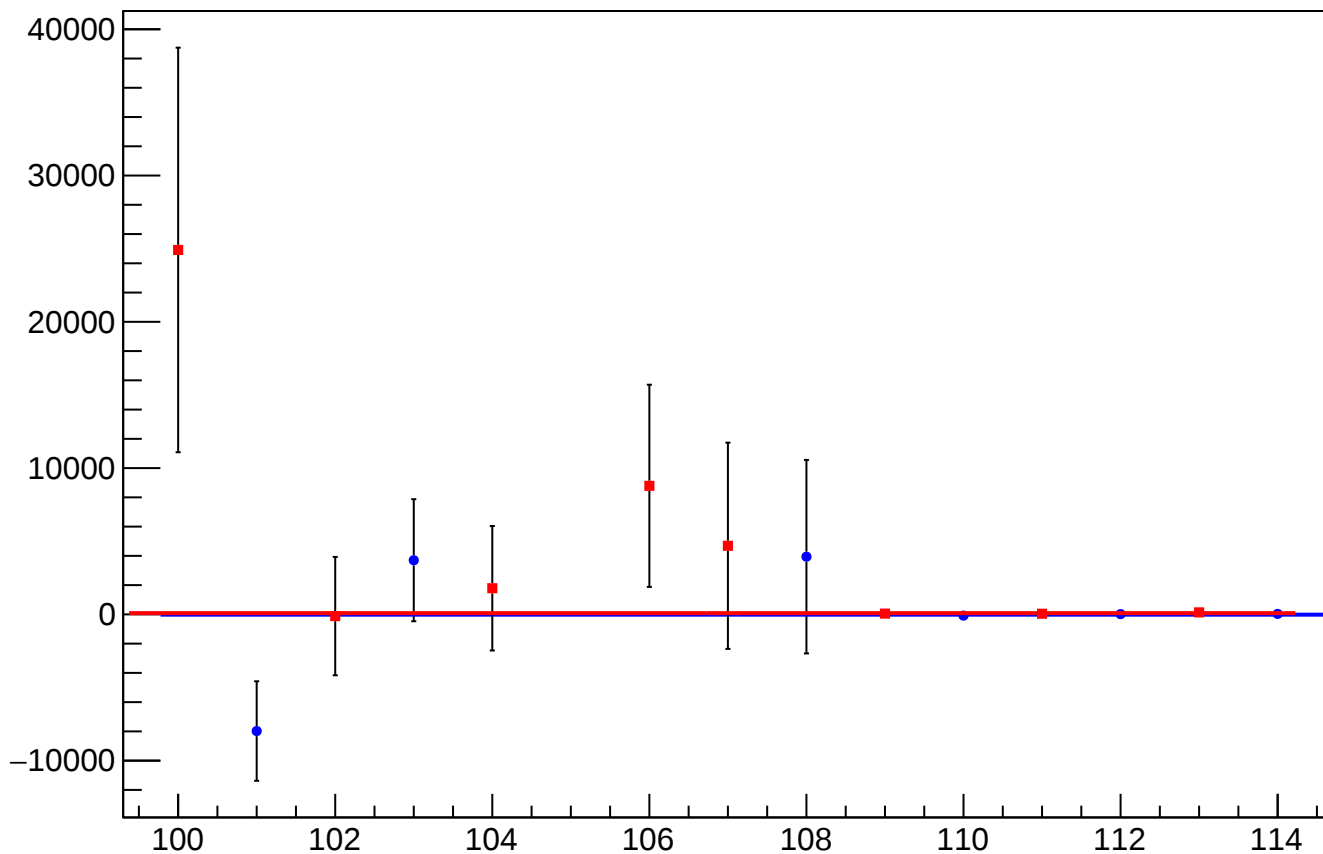
Right: 135.249+/-0.064 χ^2/NDF : 6087247.5/13

In: 141.567+/-0.099 χ^2/NDF : 2819857.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.249+/-0.064 χ^2/NDF : 6087247.5/13

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -19.379+/-34.182 χ^2/NDF : 8.9/5

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

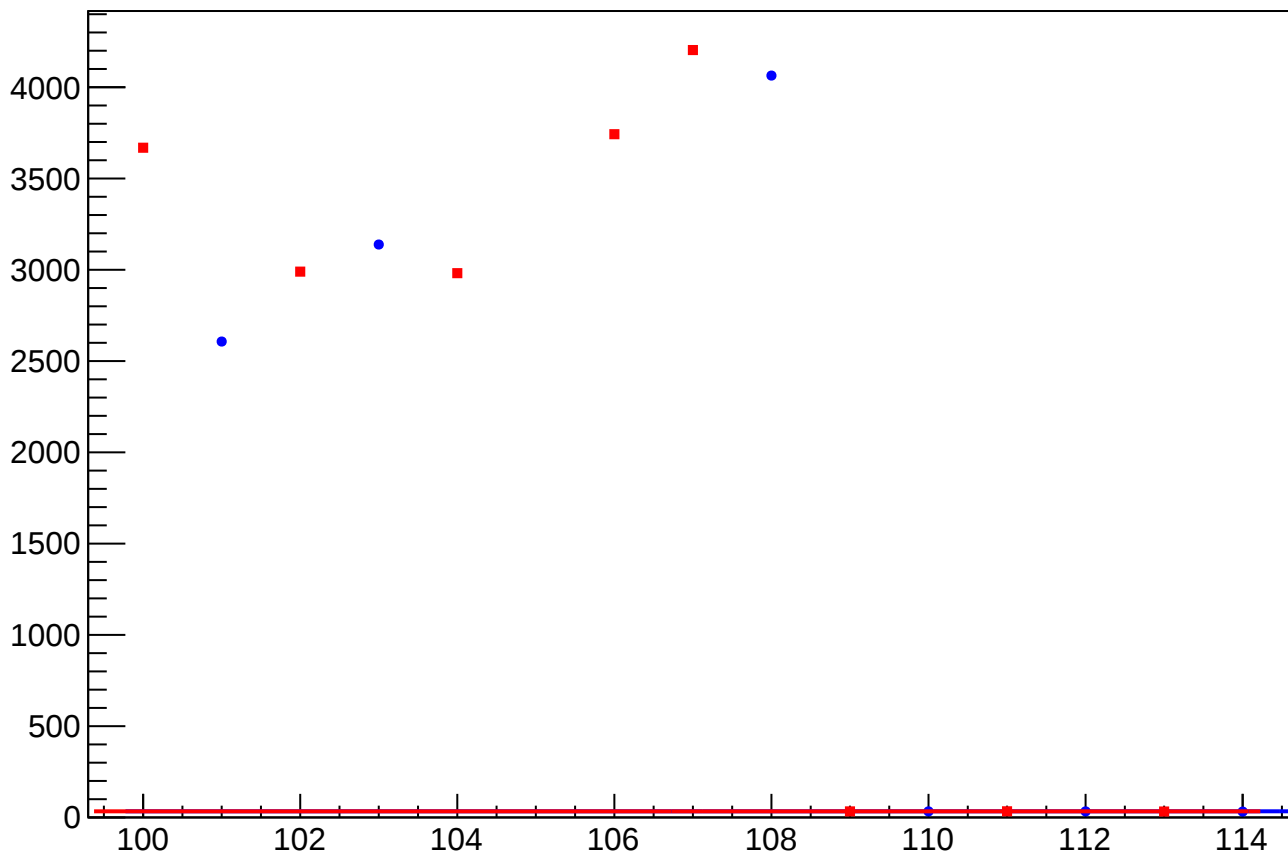
Right: 37.912+/-22.940 χ^2/NDF : 21.3/13

In: -19.379+/-34.182 χ^2/NDF : 8.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.912+/-22.940 χ^2/NDF : 21.3/13

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 33.730+/-0.024 χ^2/NDF : 2995595.5/5

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

Right Out: 33.600+/-0.022 χ^2/NDF : 3443321.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

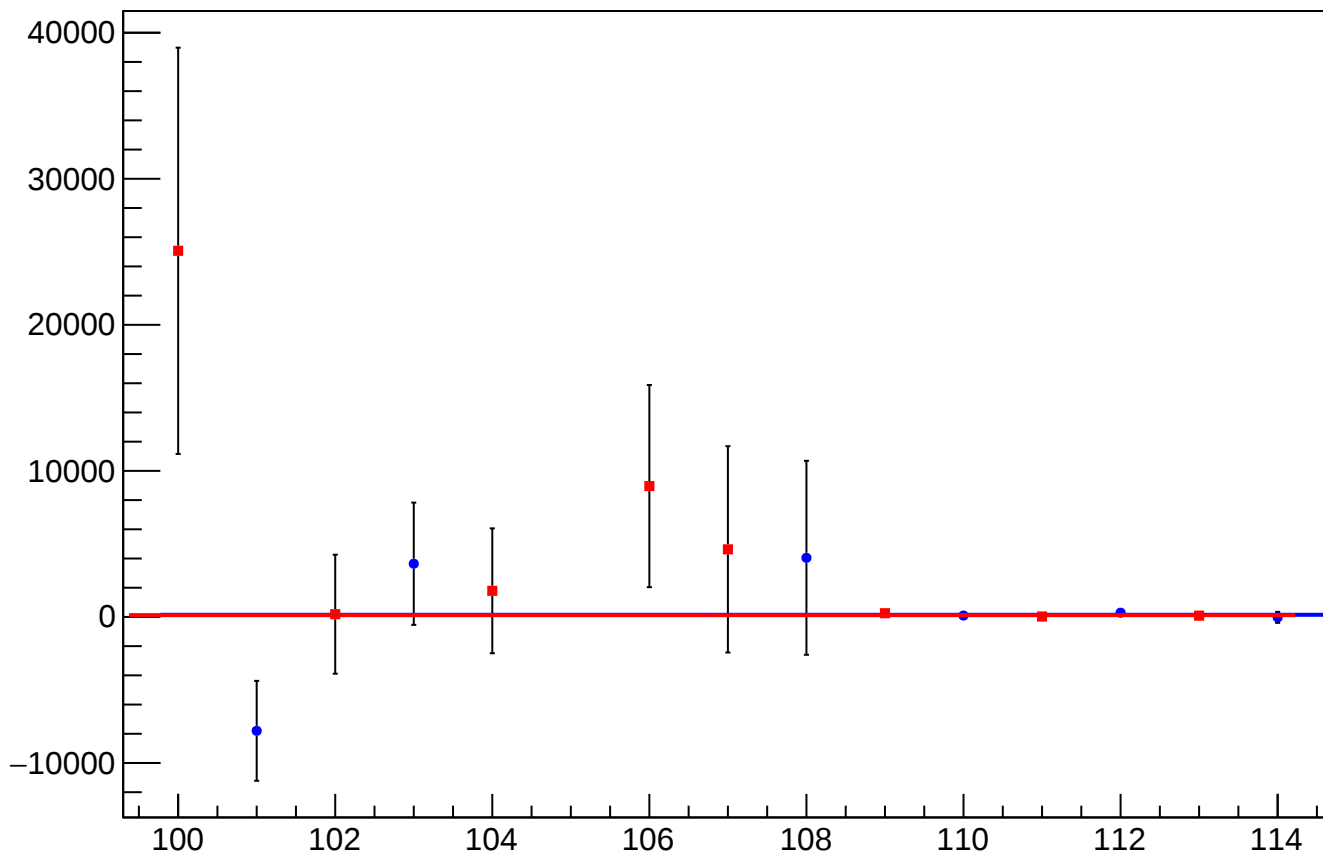
Right: 33.658+/-0.016 χ^2/NDF : 6438932.6/13

In: 33.730+/-0.024 χ^2/NDF : 2995595.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.658+/-0.016 χ^2/NDF : 6438932.6/13

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 147.366 $\pm$ 137.694 χ^2 /NDF: 7.2/5

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

Right Out: 123.173 $\pm$ 116.563 χ^2 /NDF: 6.0/7

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

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

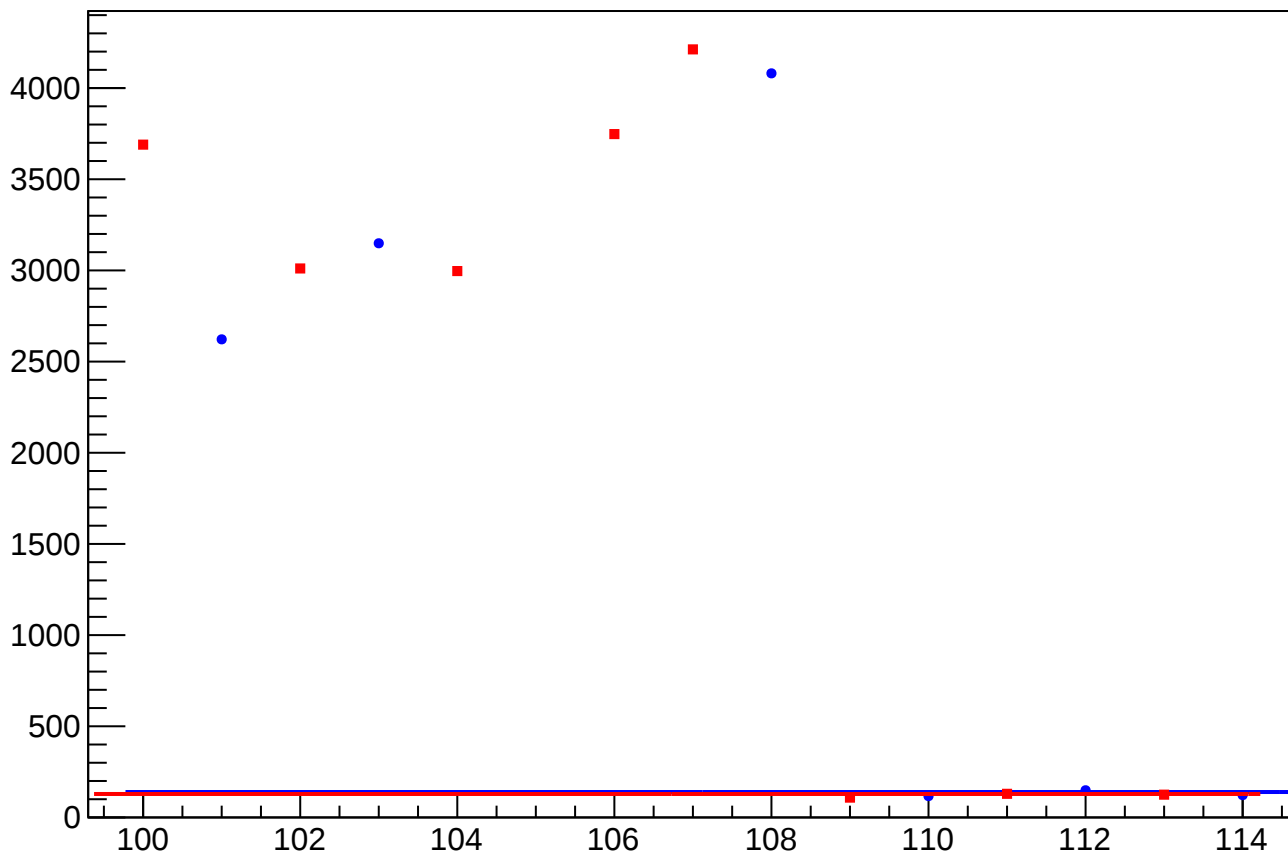
Right: 133.273 $\pm$ 88.966 χ^2 /NDF: 13.2/13

In: 147.366 $\pm$ 137.694 χ^2 /NDF:7.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 133.273 $\pm$ 88.966 χ^2 /NDF: 13.2/13

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 139.503 $\pm$ 0.097 χ^2 /NDF: 2823674.2/5

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

Right Out: 128.724 $\pm$ 0.082 χ^2 /NDF: 3264574.9/7

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

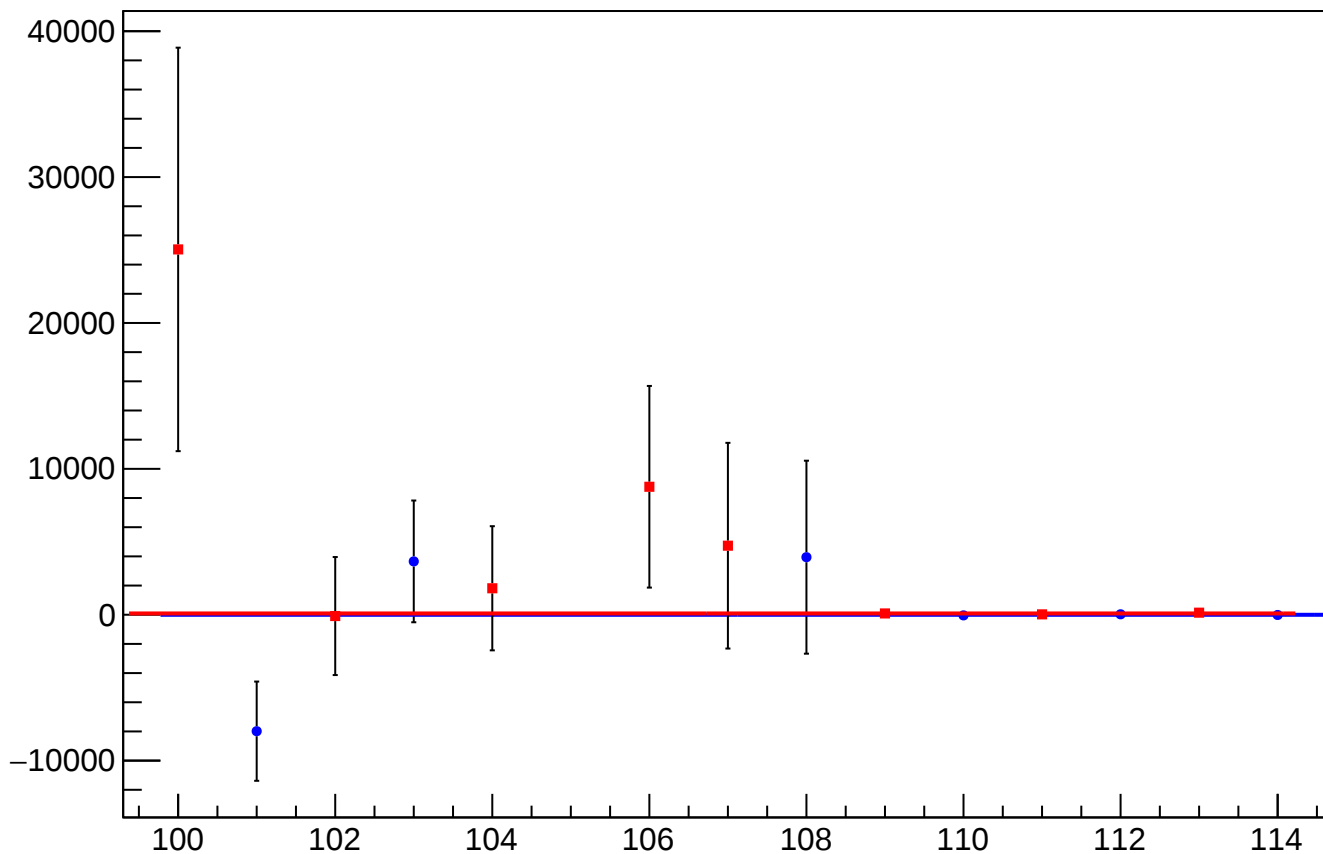
Right: 133.224 $\pm$ 0.063 χ^2 /NDF: 6095388.5/13

In: 139.503 $\pm$ 0.097 χ^2 /NDF:2823674.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 133.224 $\pm$ 0.063 χ^2 /NDF: 6095388.5/13

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.044+/-32.092 χ^2/NDF : 7.8/5

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

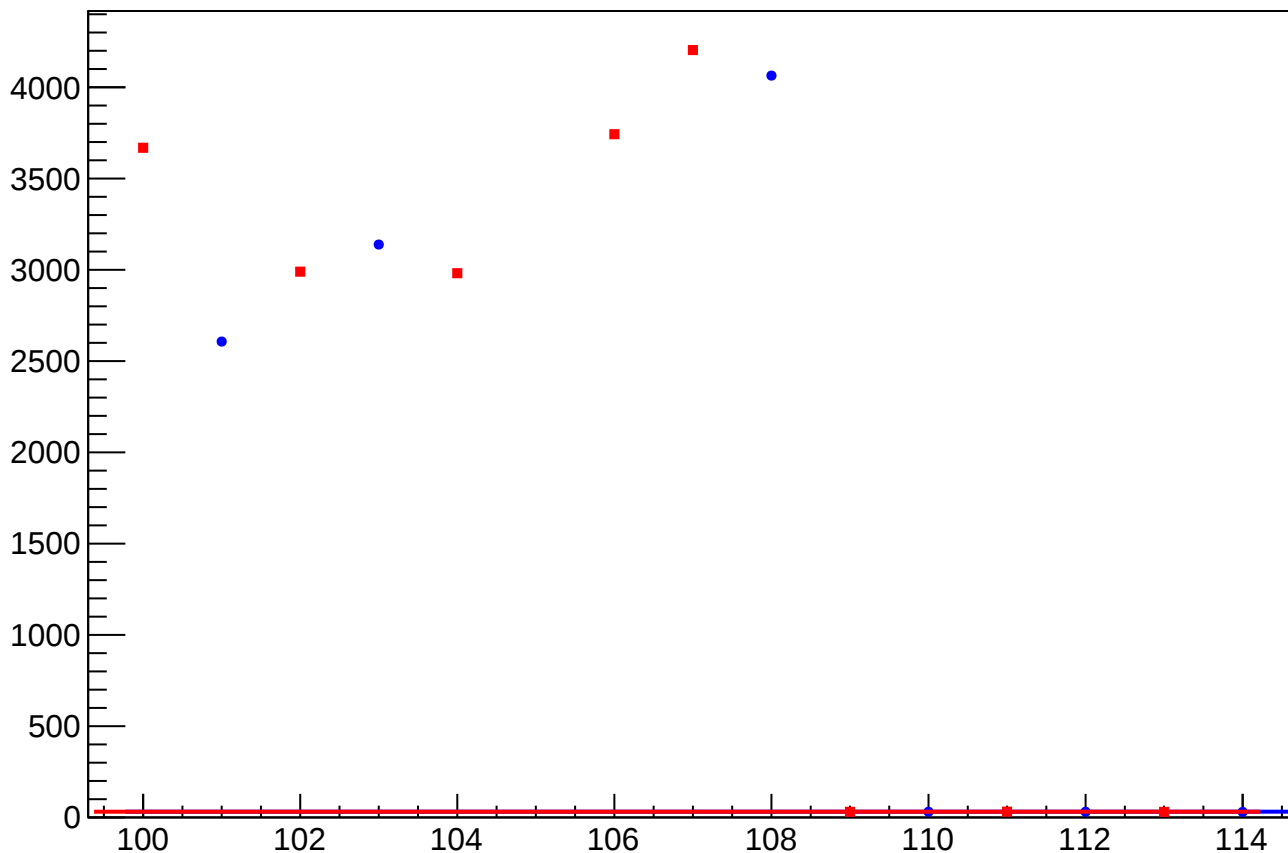
Right: 46.470+/-21.515 χ^2/NDF : 20.8/13

In: -4.044+/-32.092 χ^2/NDF : 7.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.470+/-21.515 χ^2/NDF : 20.8/13

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 31.635+/-0.023 χ^2/NDF : 2999631.1/5

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

Right Out: 31.457+/-0.021 χ^2/NDF : 3447819.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

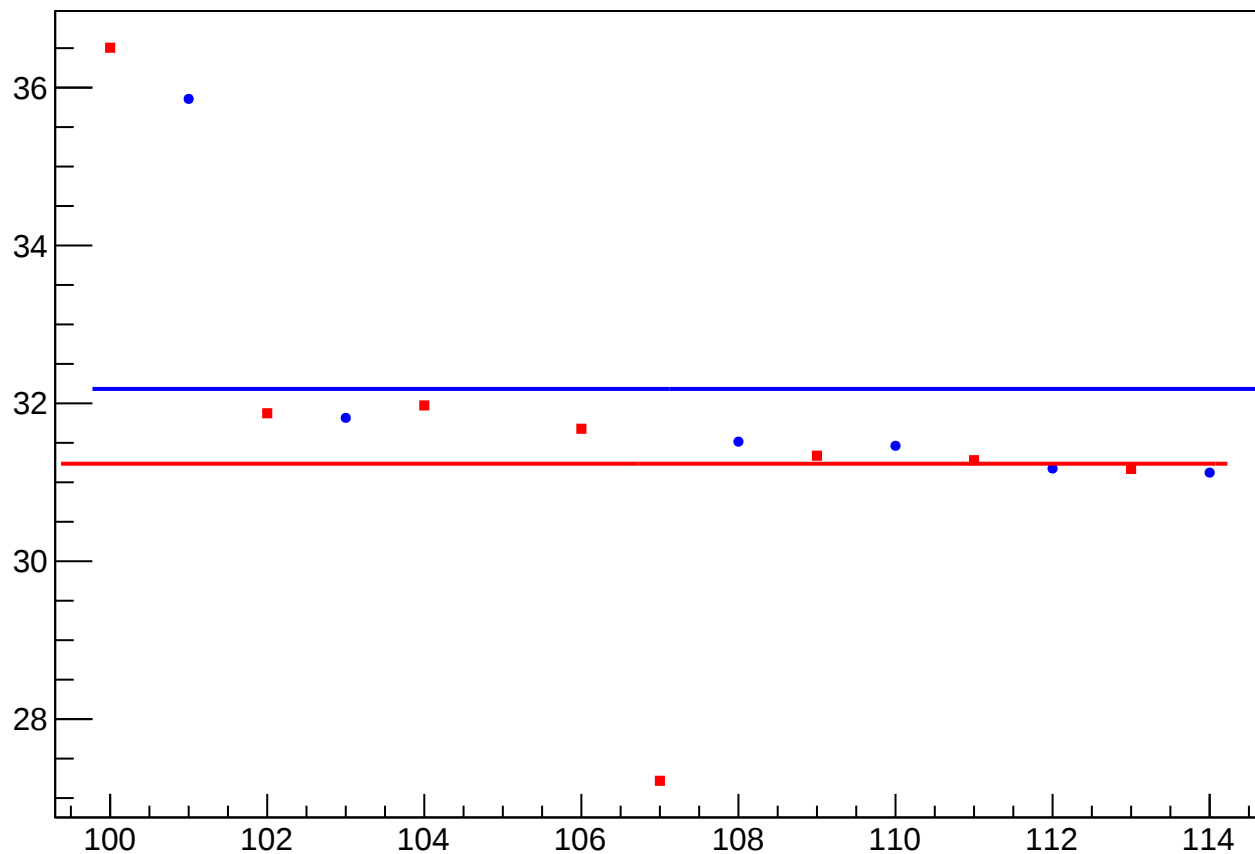
Right: 31.537+/-0.015 χ^2/NDF : 6447484.5/13

In: 31.635+/-0.023 χ^2/NDF : 2999631.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.537+/-0.015 χ^2/NDF : 6447484.5/13

yield_usl_mean vs Slug, Sign Corrected



Right In: 32.183+/-0.000 χ^2/NDF : 954588397.5/5

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

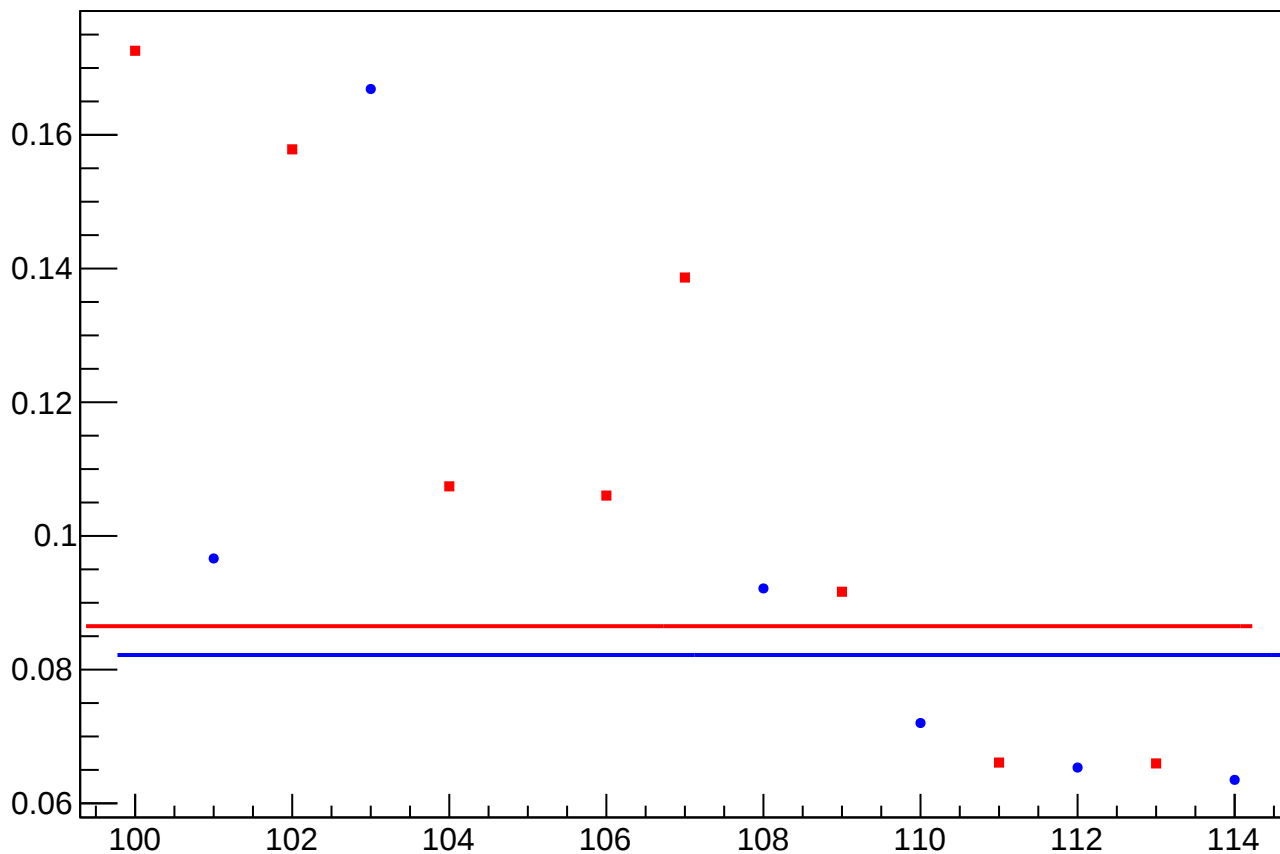
Right: 31.684+/-0.000 χ^2/NDF : 1453654254.7/13

In: 32.183+/-0.000 χ^2/NDF : 954588397.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.684+/-0.000 χ^2/NDF : 1453654254.7/13

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.082+/-0.000 χ^2/NDF : 403073.7/5

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

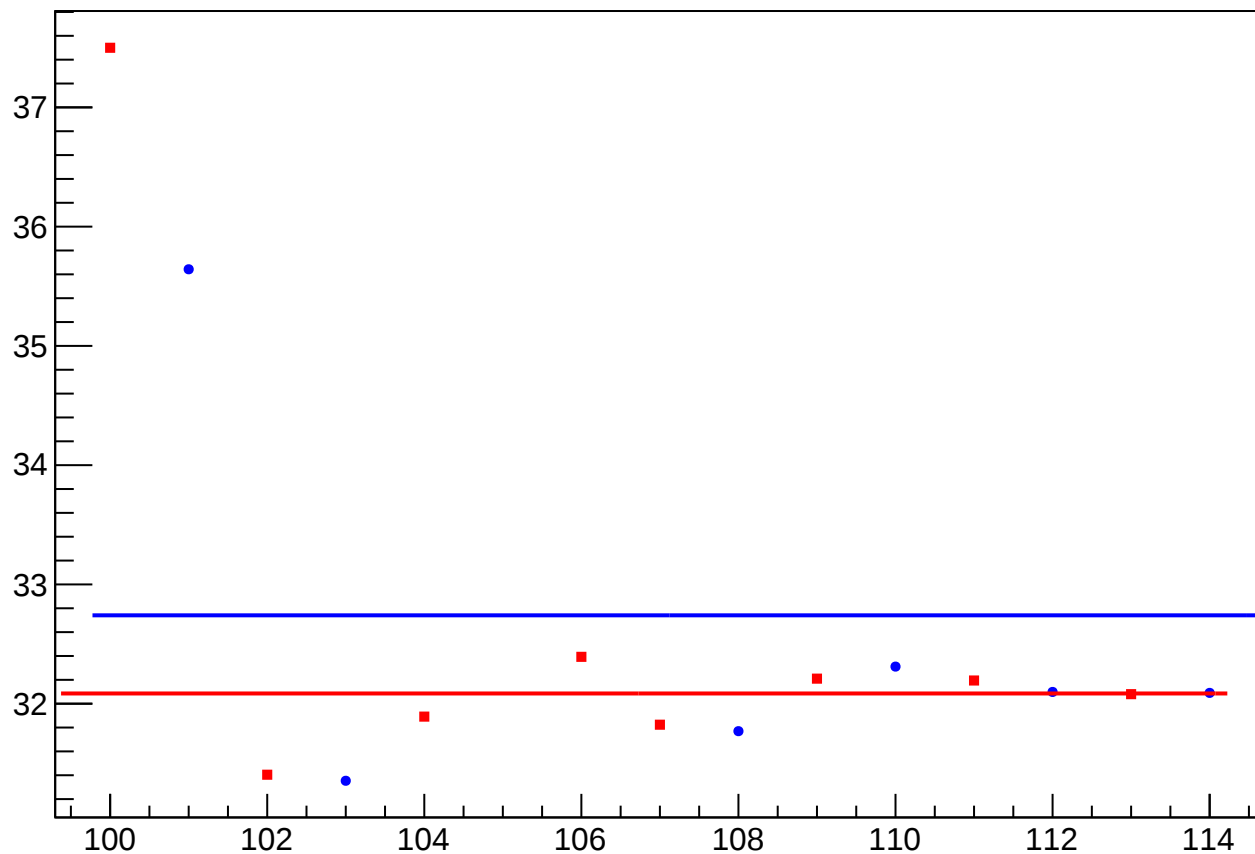
Right: 0.084+/-0.000 χ^2/NDF : 946362.2/13

In: 0.082+/-0.000 χ^2/NDF : 403073.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.084+/-0.000 χ^2/NDF : 946362.2/13

yield_usr_mean vs Slug, Sign Corrected



Right In: 32.741+/-0.000 χ^2/NDF : 439110687.1/5

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

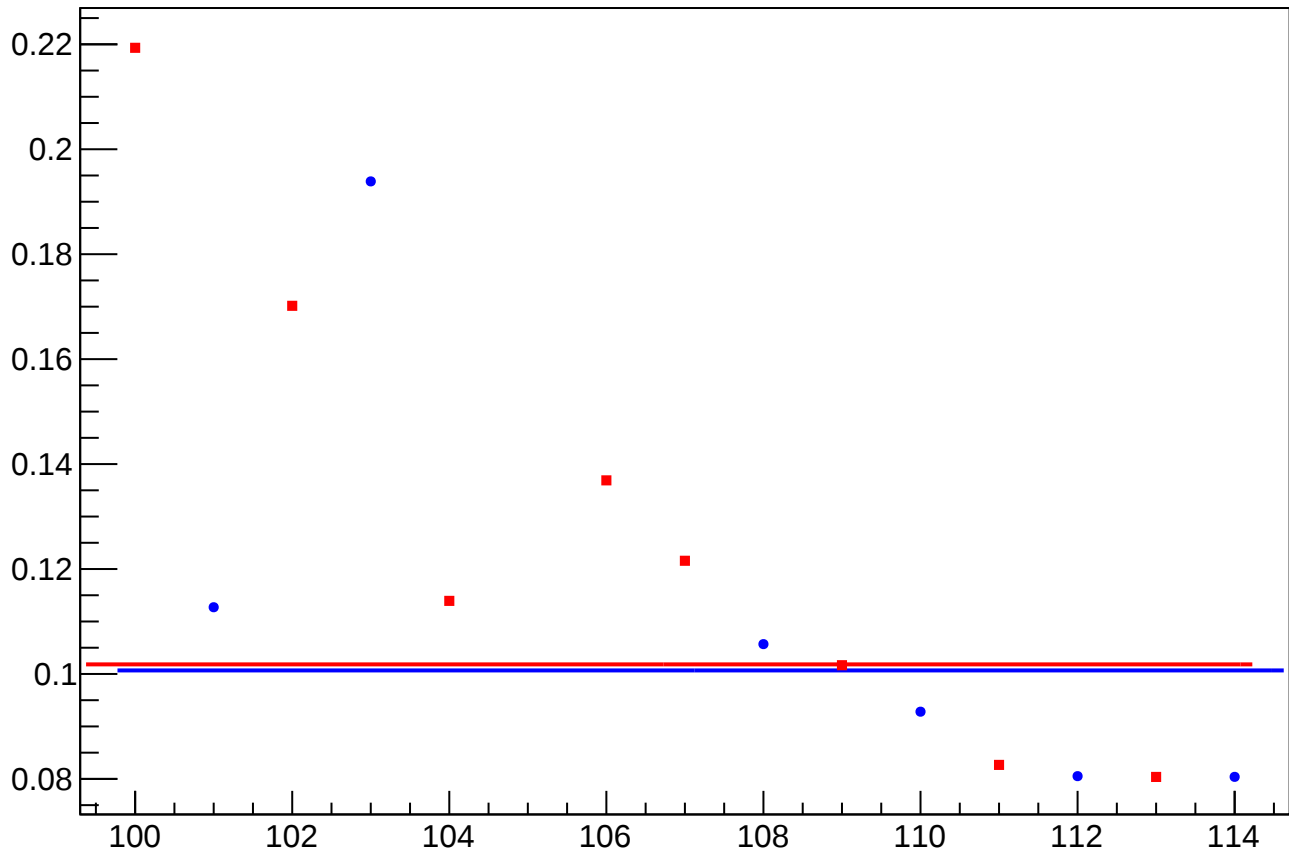
Right: 32.380+/-0.000 χ^2/NDF : 541906231.7/13

In: 32.741+/-0.000 χ^2/NDF : 439110687.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.380+/-0.000 χ^2/NDF : 541906231.7/13

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.101+/-0.000 χ^2/NDF : 340753.0/5

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

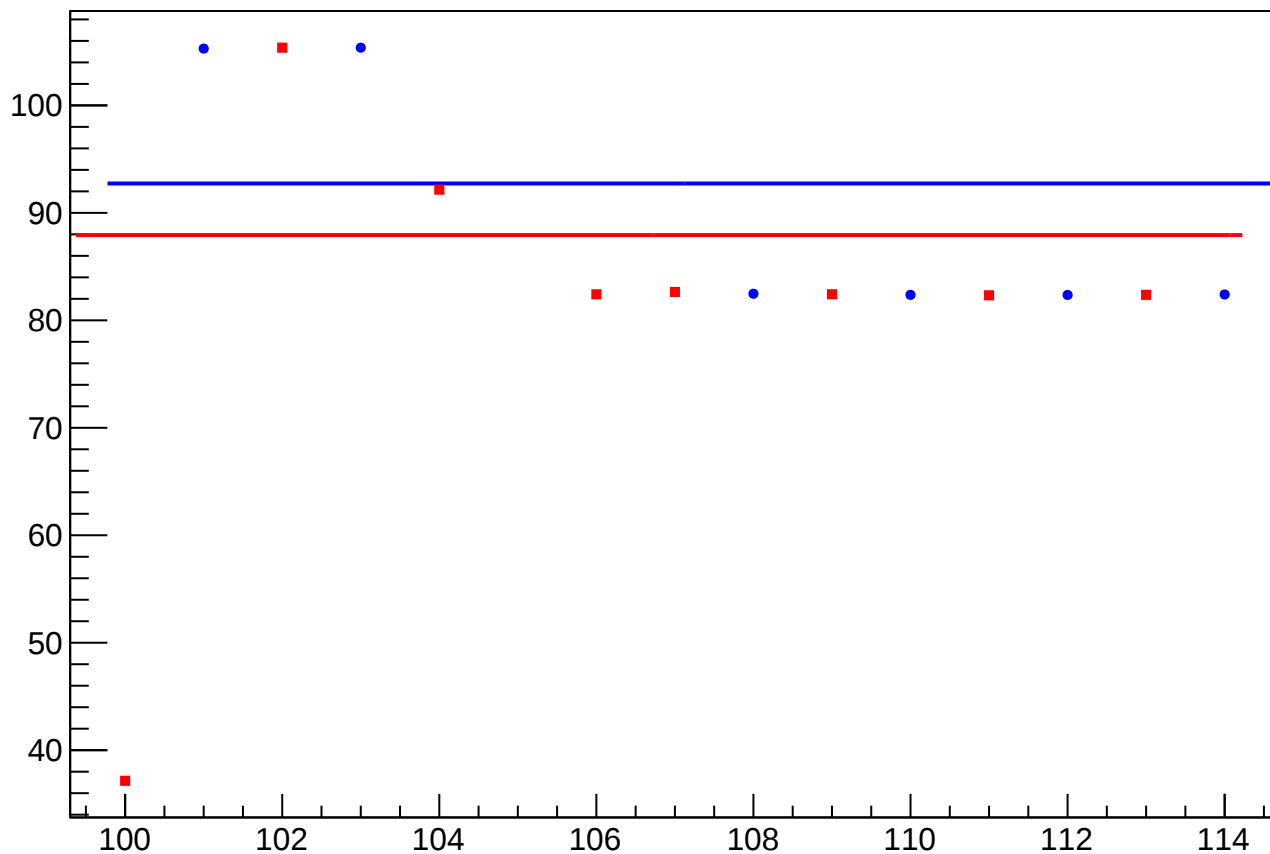
Right: 0.101+/-0.000 χ^2/NDF : 702285.1/13

In: 0.101+/-0.000 χ^2/NDF : 340753.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

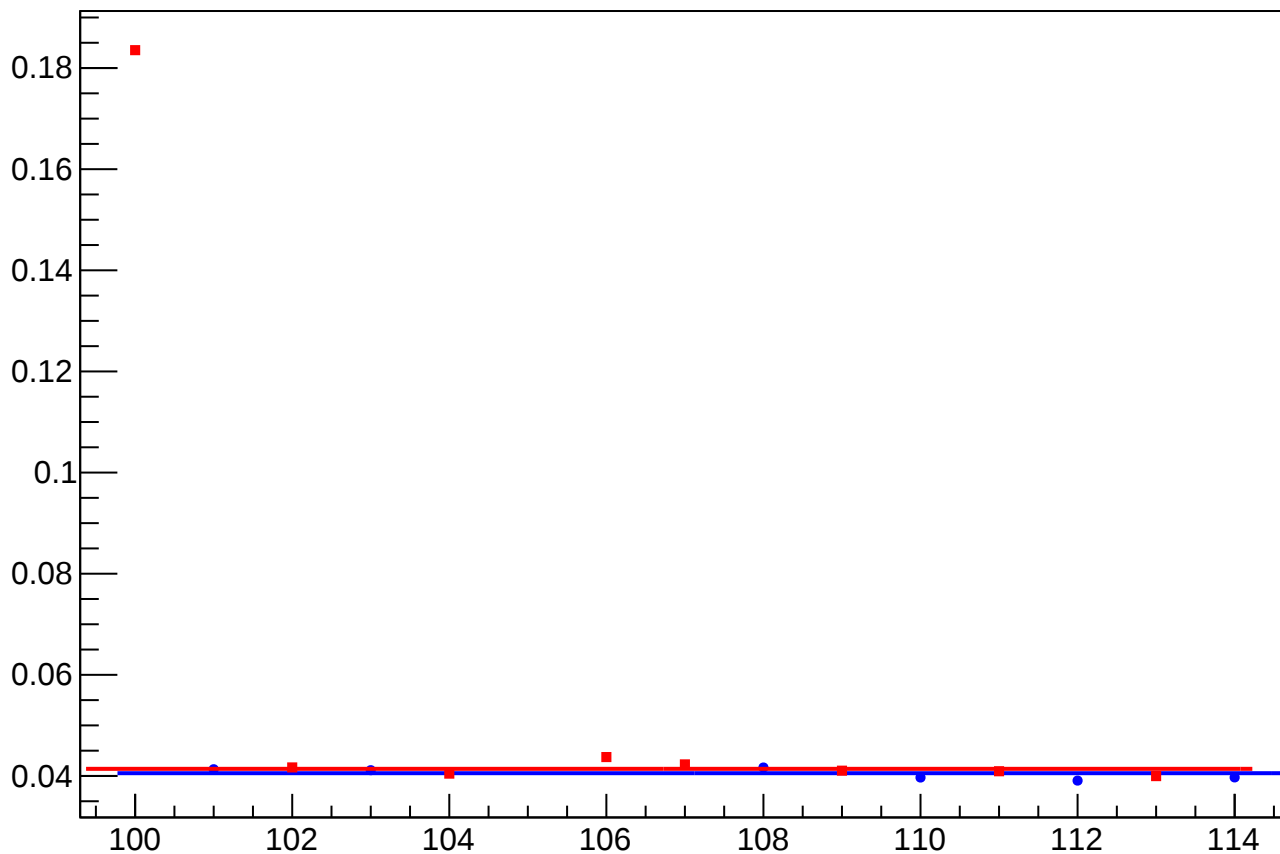
All: 0.101+/-0.000 χ^2/NDF : 702285.1/13

yield_dsl_mean vs Slug, Sign Corrected



Right In: 92.733+/-0.000 χ^2/NDF : 194157836234.6/5
 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: 90.104+/-0.000 χ^2/NDF : 354628812400.7/13

yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.041+/-0.000 χ^2/NDF : 2965.0/5

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

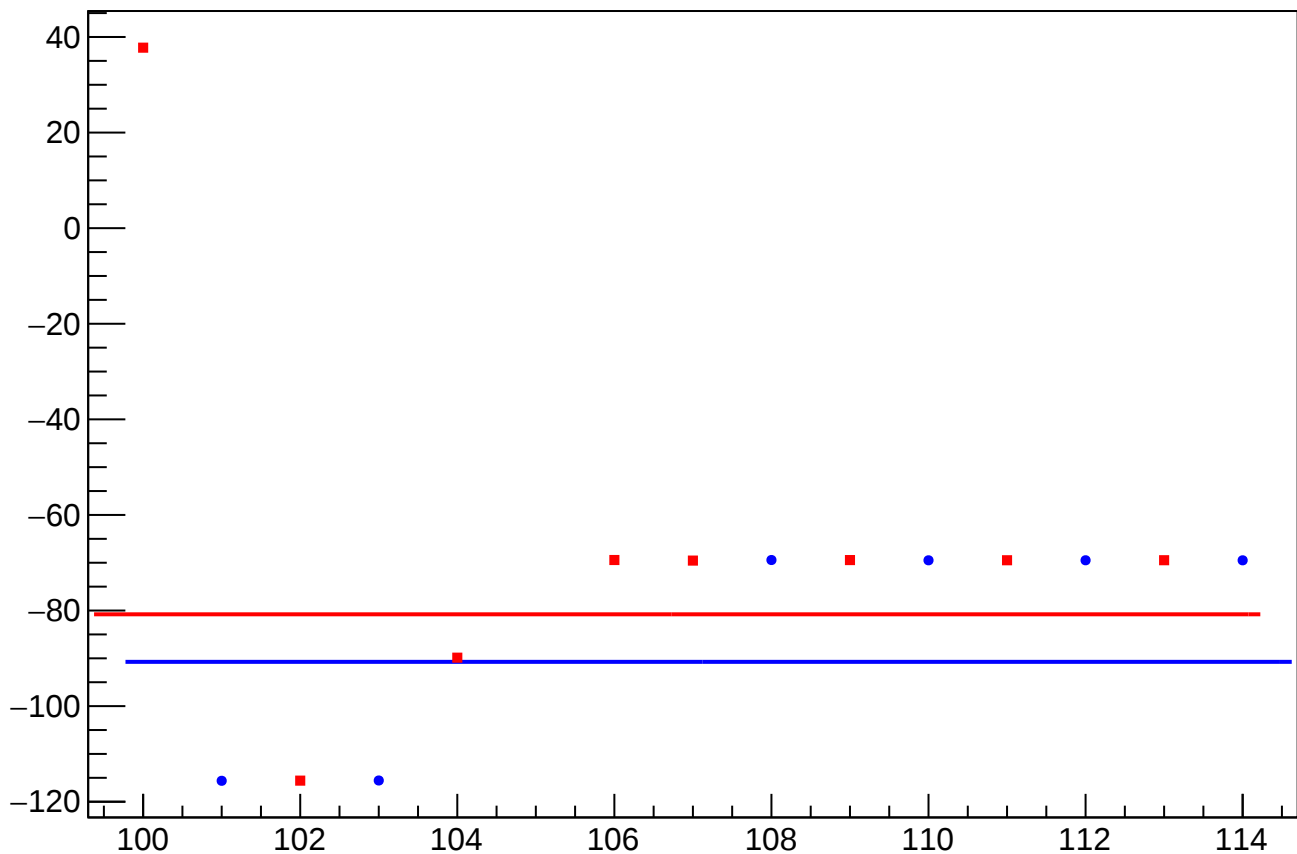
Right: 0.041+/-0.000 χ^2/NDF : 91702.1/13

In: 0.041+/-0.000 χ^2/NDF : 2965.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.041+/-0.000 χ^2/NDF : 91702.1/13

yield_dsr_mean vs Slug, Sign Corrected



Right In: -90.736+/-0.000 χ^2/NDF : 364384236286.6/5

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

Right Out: -80.790+/-0.000 χ^2/NDF : 306269804530.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

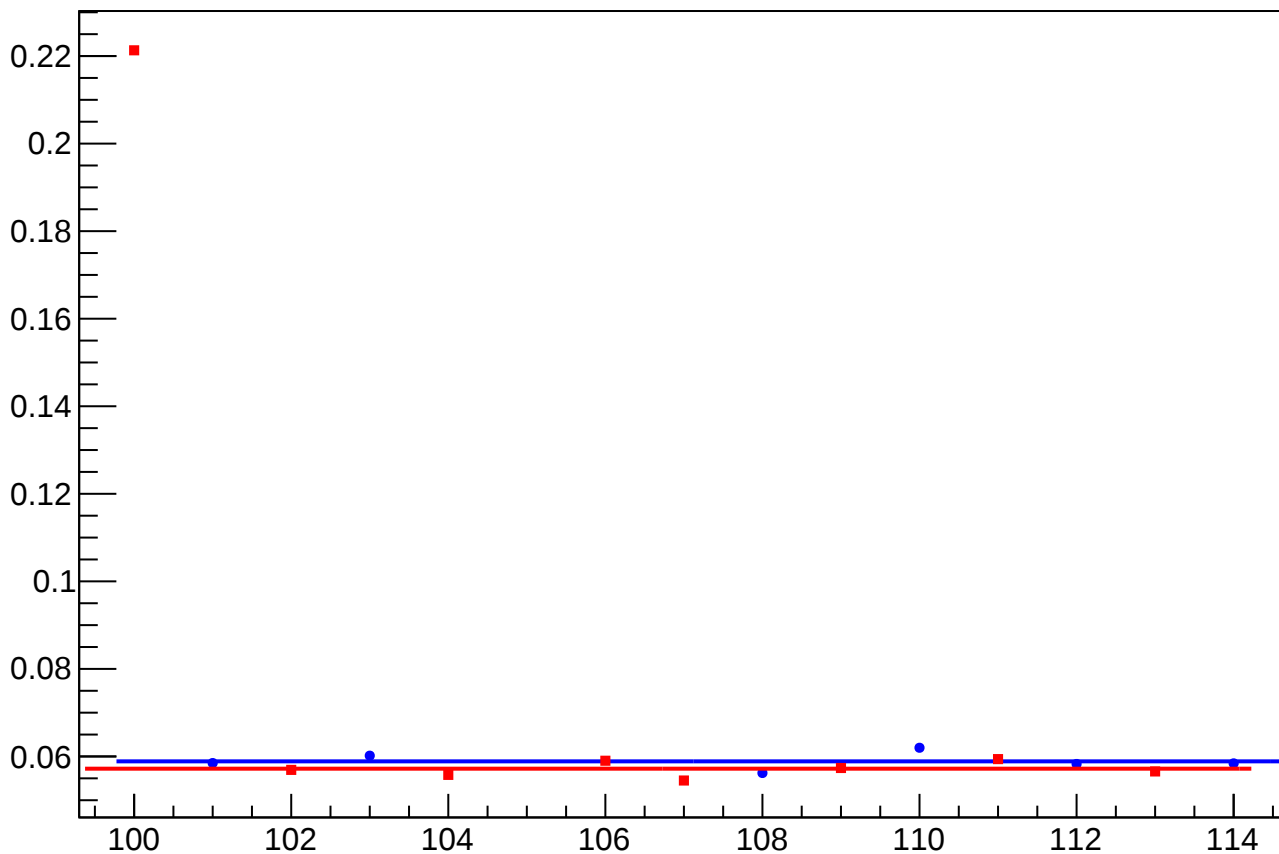
Right: -85.042+/-0.000 χ^2/NDF : 709687669588.7/1

In: -90.736+/-0.000 χ^2/NDF : 364384236286.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -85.042+/-0.000 χ^2/NDF : 709687669588

yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.059+/-0.000 χ^2/NDF : 3992.8/5

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

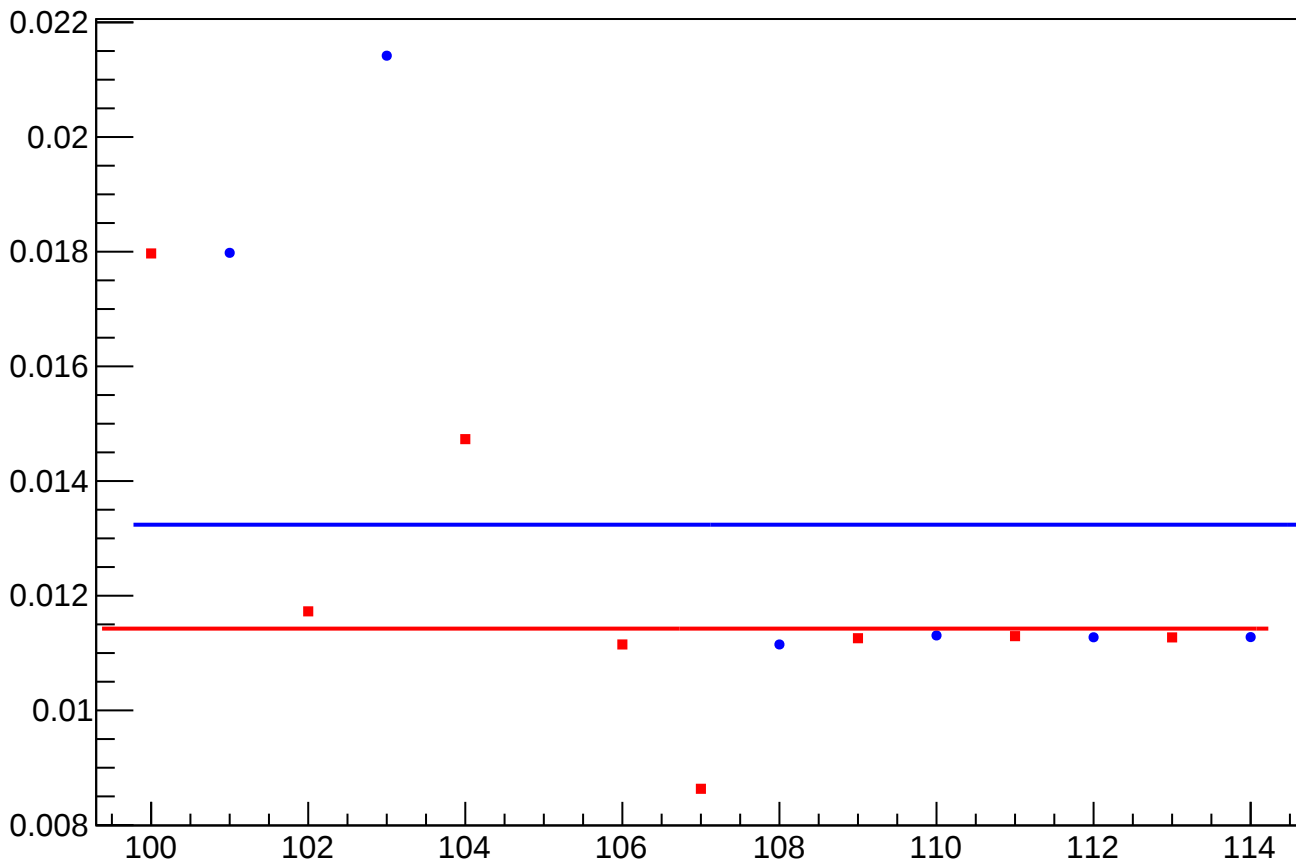
Right: 0.058+/-0.000 χ^2/NDF : 84490.0/13

In: 0.059+/-0.000 χ^2/NDF : 3992.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.058+/-0.000 χ^2/NDF : 84490.0/13

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.000

χ^2/NDF : 656183667.7/5

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 : 8915716108.5/13

In: 0.013+/-0.000

χ^2/NDF : 656183667.7/5

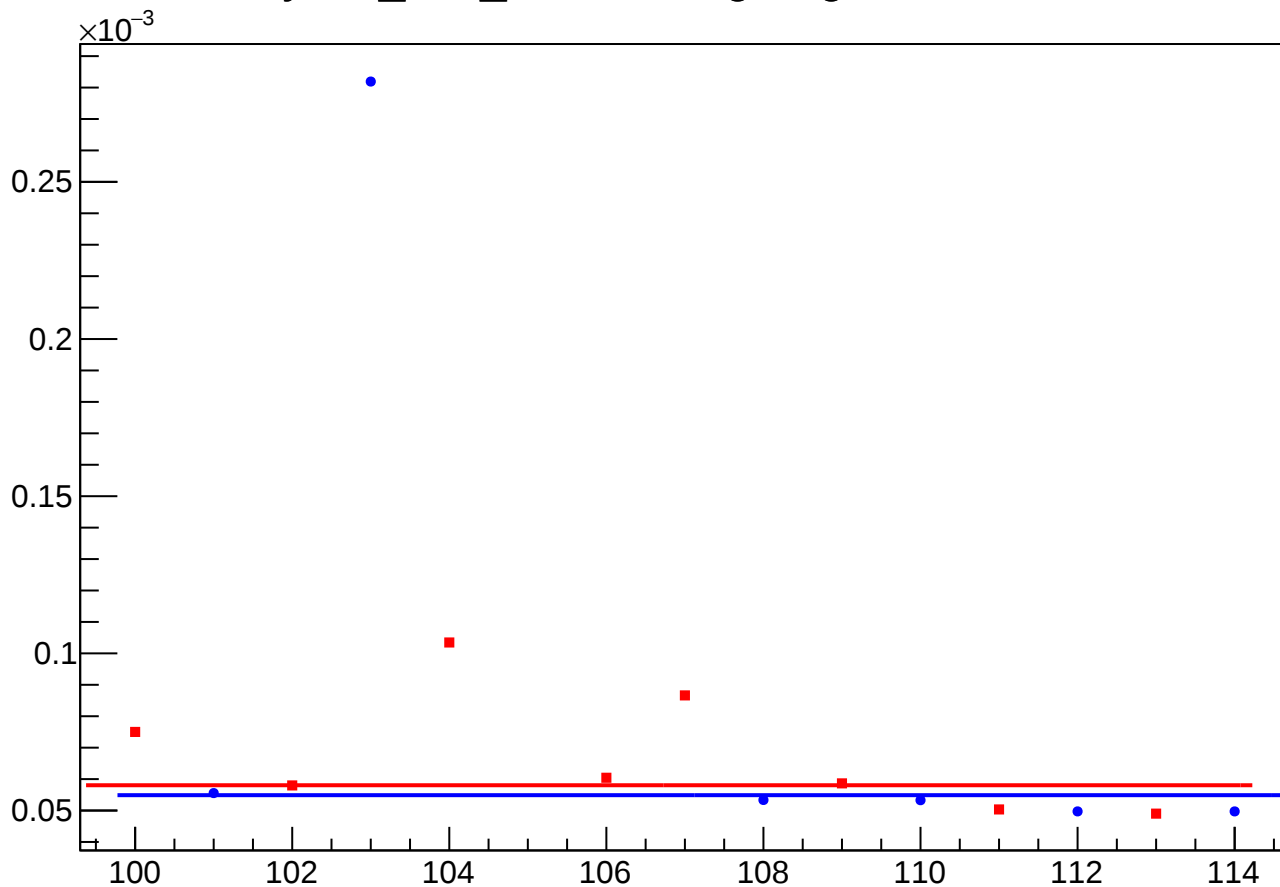
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.012+/-0.000

χ^2/NDF : 8915716108.5/13

yield_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 677087.9/5

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

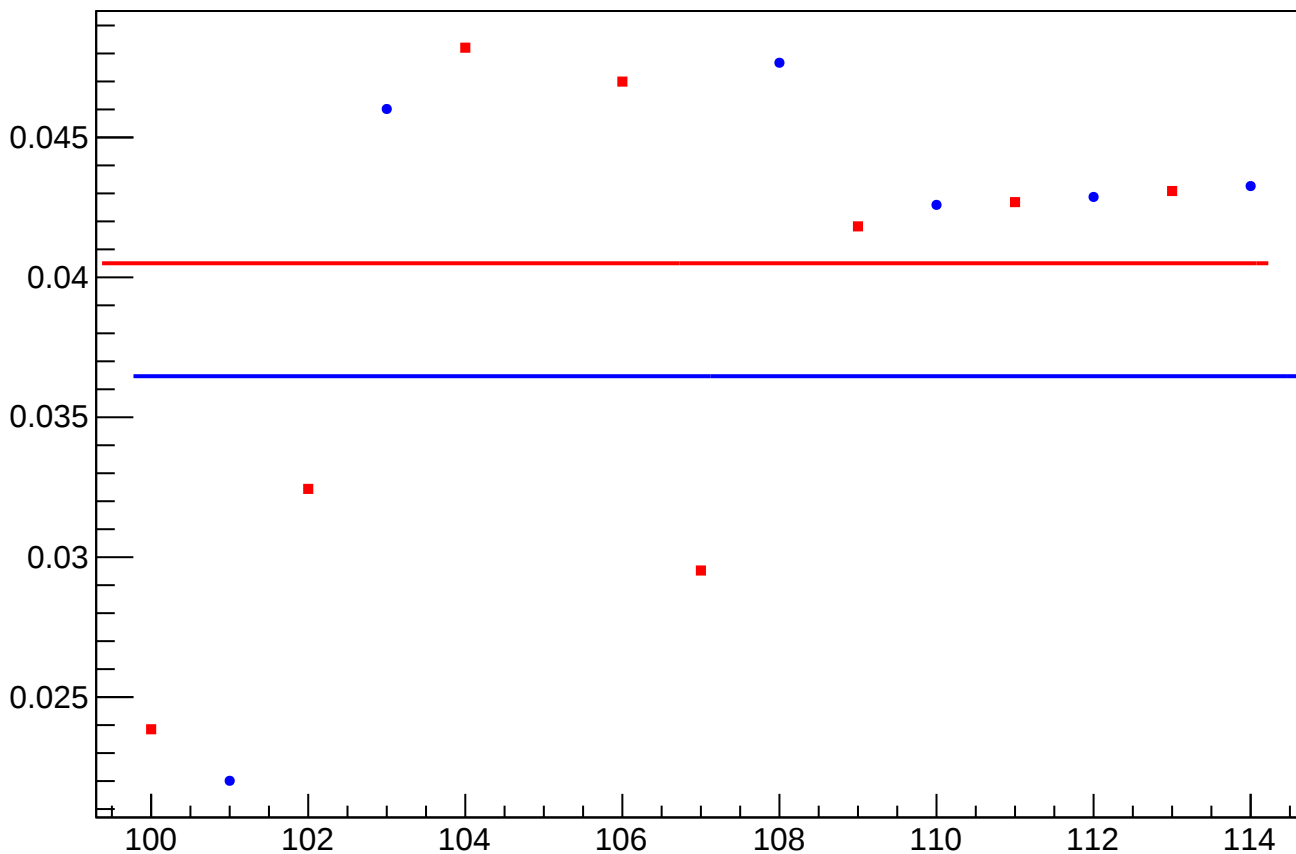
Right: 0.000+/-0.000 χ^2/NDF : 929192.3/13

In: 0.000+/-0.000 χ^2/NDF : 677087.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 929192.3/13

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.036+/-0.000 χ^2/NDF : 1635057396.0/5

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

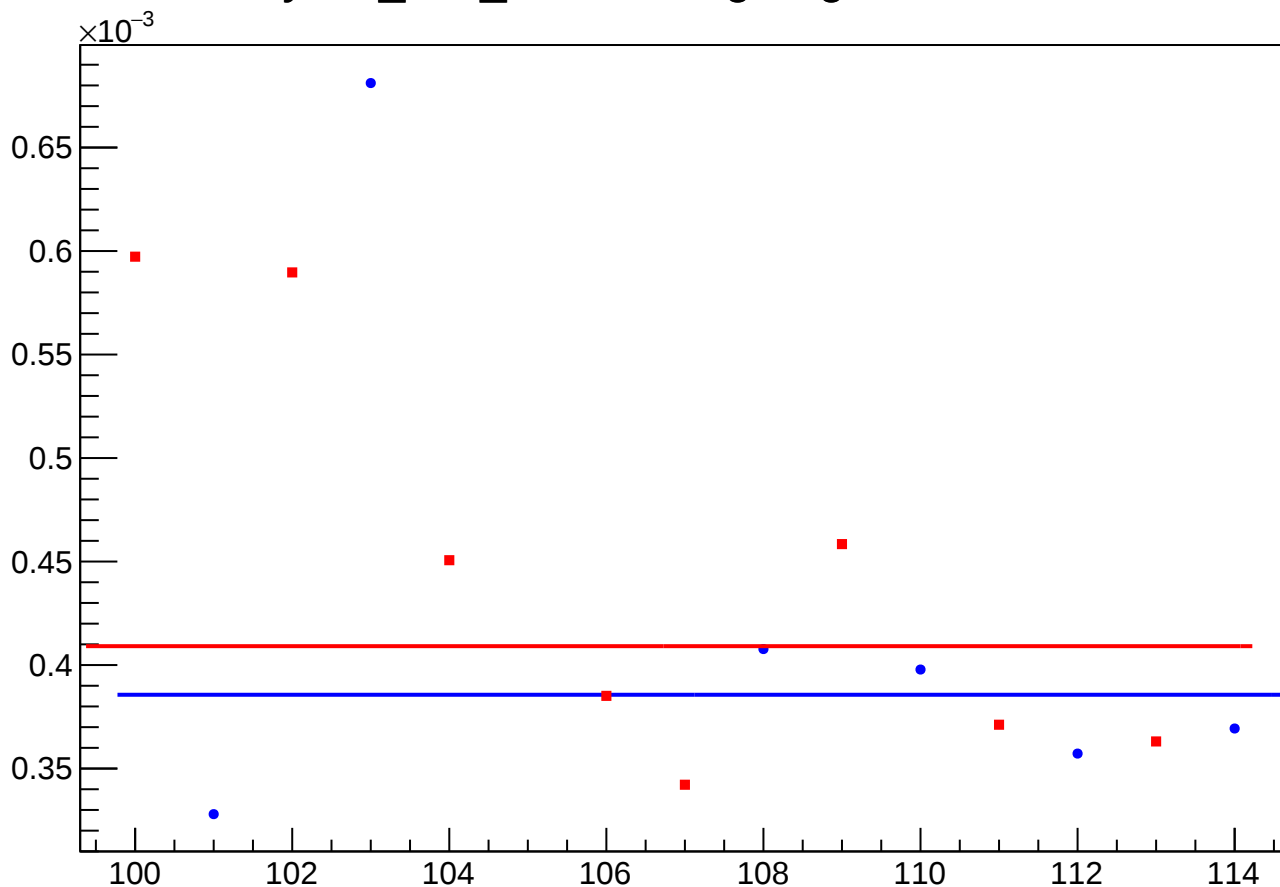
Right: 0.039+/-0.000 χ^2/NDF : 2435950879.8/13

In: 0.036+/-0.000 χ^2/NDF : 1635057396.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.039+/-0.000 χ^2/NDF : 2435950879.8/13

yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 236675.5/5

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

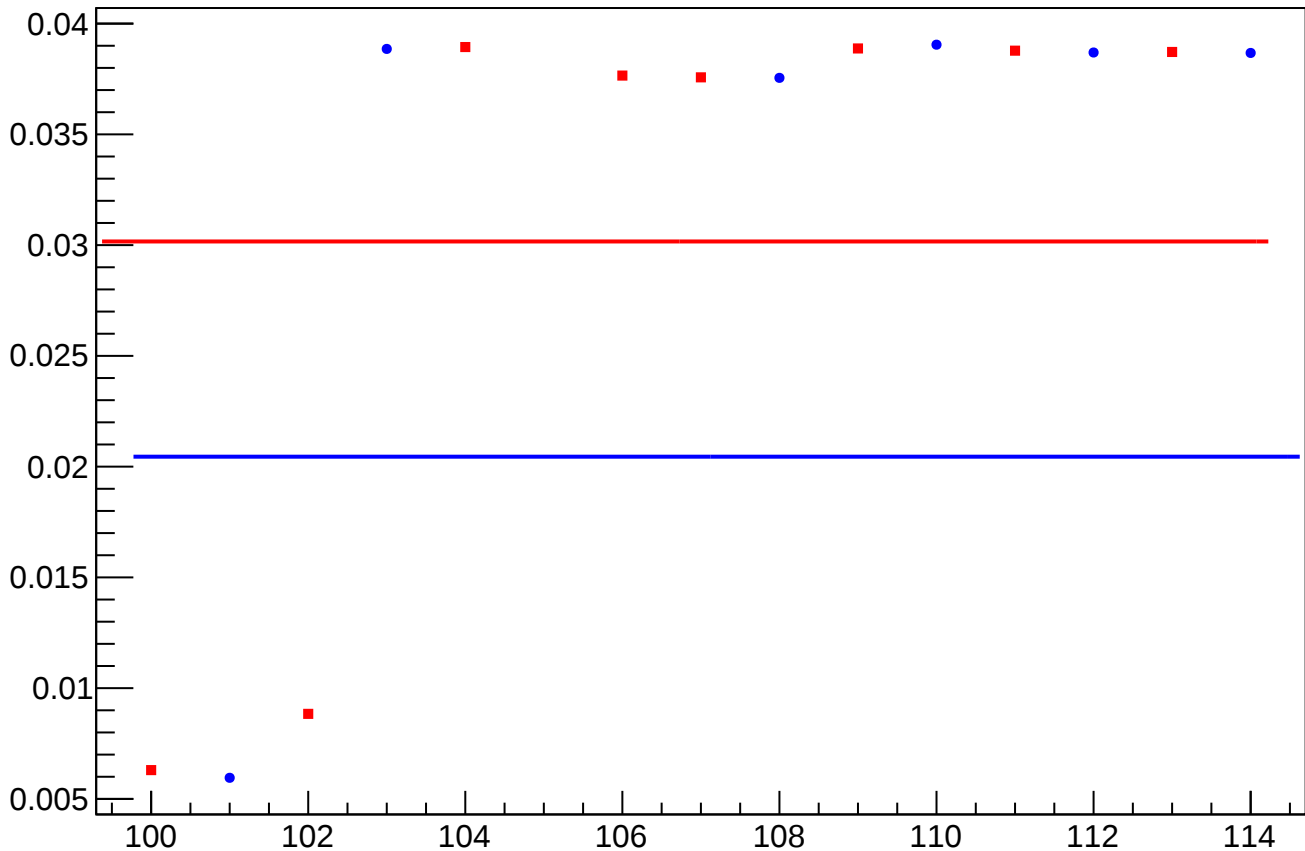
Right: 0.000+/-0.000 χ^2/NDF : 412019.0/13

In: 0.000+/-0.000 χ^2/NDF : 236675.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 412019.0/13

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.000

χ^2/NDF : 59273014552.5/5

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.025+/-0.000

χ^2/NDF : 105623058952.0/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.020+/-0.000

χ^2/NDF : 59273014552.5/5

Right Out: 0.030+/-0.000

χ^2/NDF : 36376124489.9/7

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

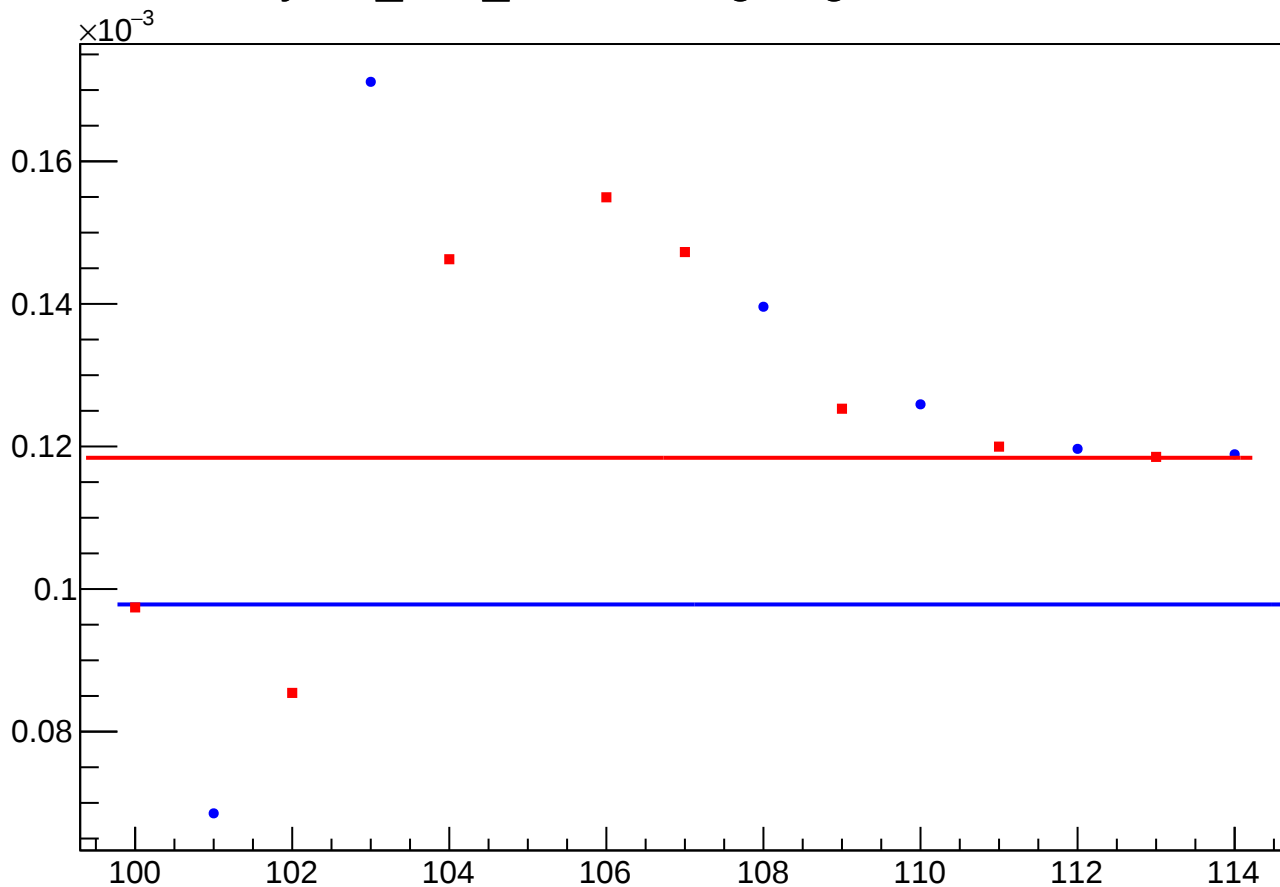
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.025+/-0.000

χ^2/NDF : 105623058952.0

yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 558458.5/5

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

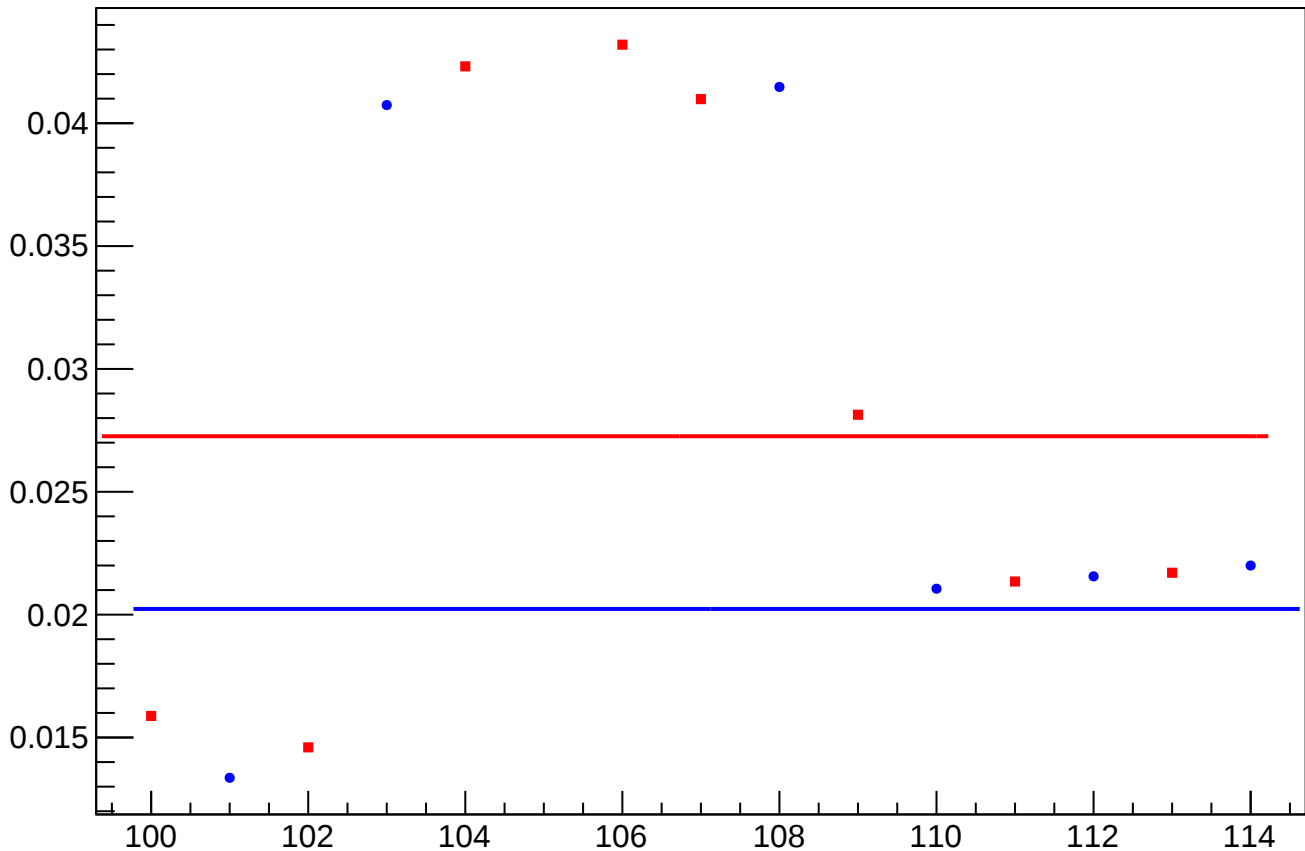
Right: 0.000+/-0.000 χ^2/NDF : 854089.1/13

In: 0.000+/-0.000 χ^2/NDF : 558458.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 854089.1/13

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 2868917749.0/5

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

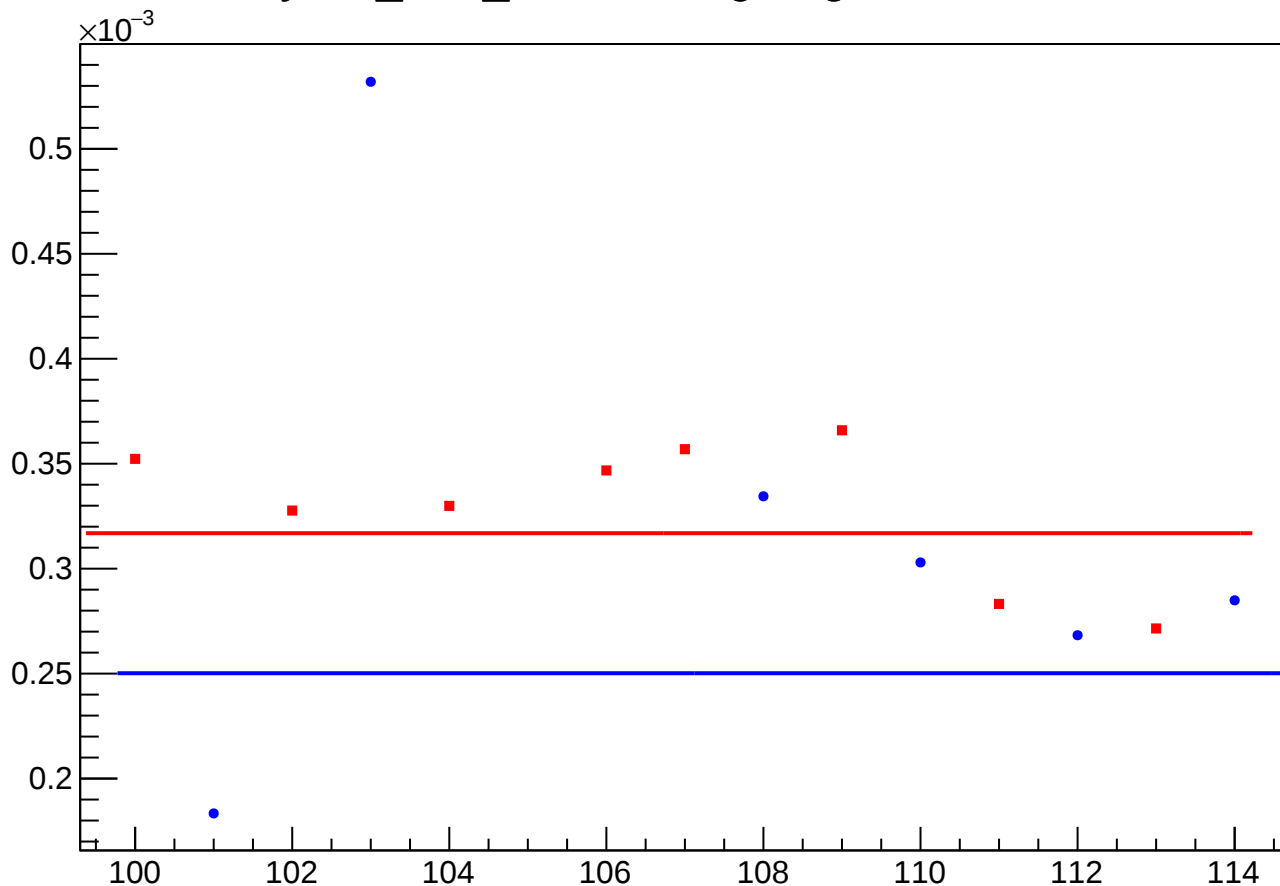
Right: 0.023+/-0.000 χ^2/NDF : 6457659372.0/13

In: 0.020+/-0.000 χ^2/NDF : 2868917749.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.000 χ^2/NDF : 6457659372.0/13

yield_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 502460.8/5

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

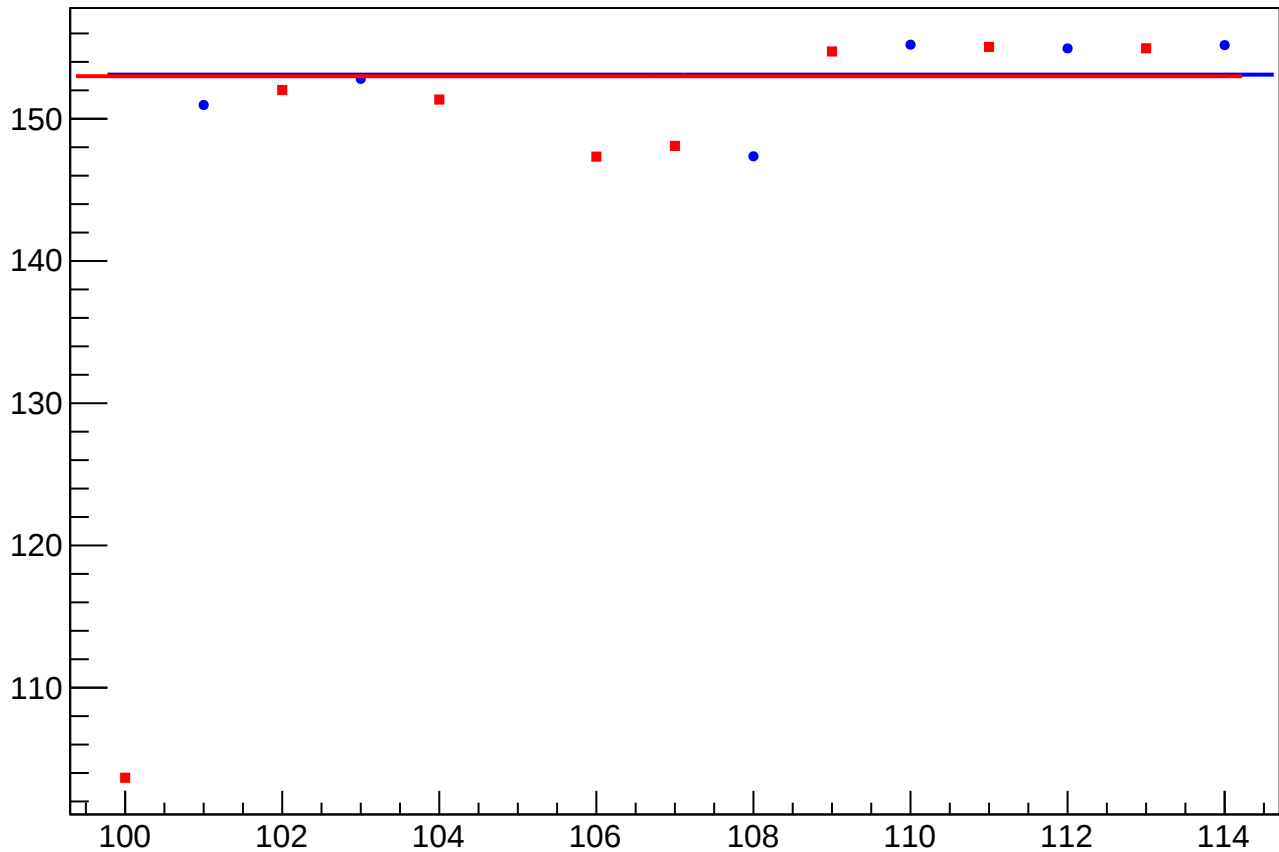
Right: 0.000+/-0.000 χ^2/NDF : 698639.3/13

In: 0.000+/-0.000 χ^2/NDF : 502460.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 698639.3/13

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 153.104+/-0.000 χ^2/NDF : 132536562.7/5

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

Right Out: 152.994+/-0.000 χ^2/NDF : 360638147.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

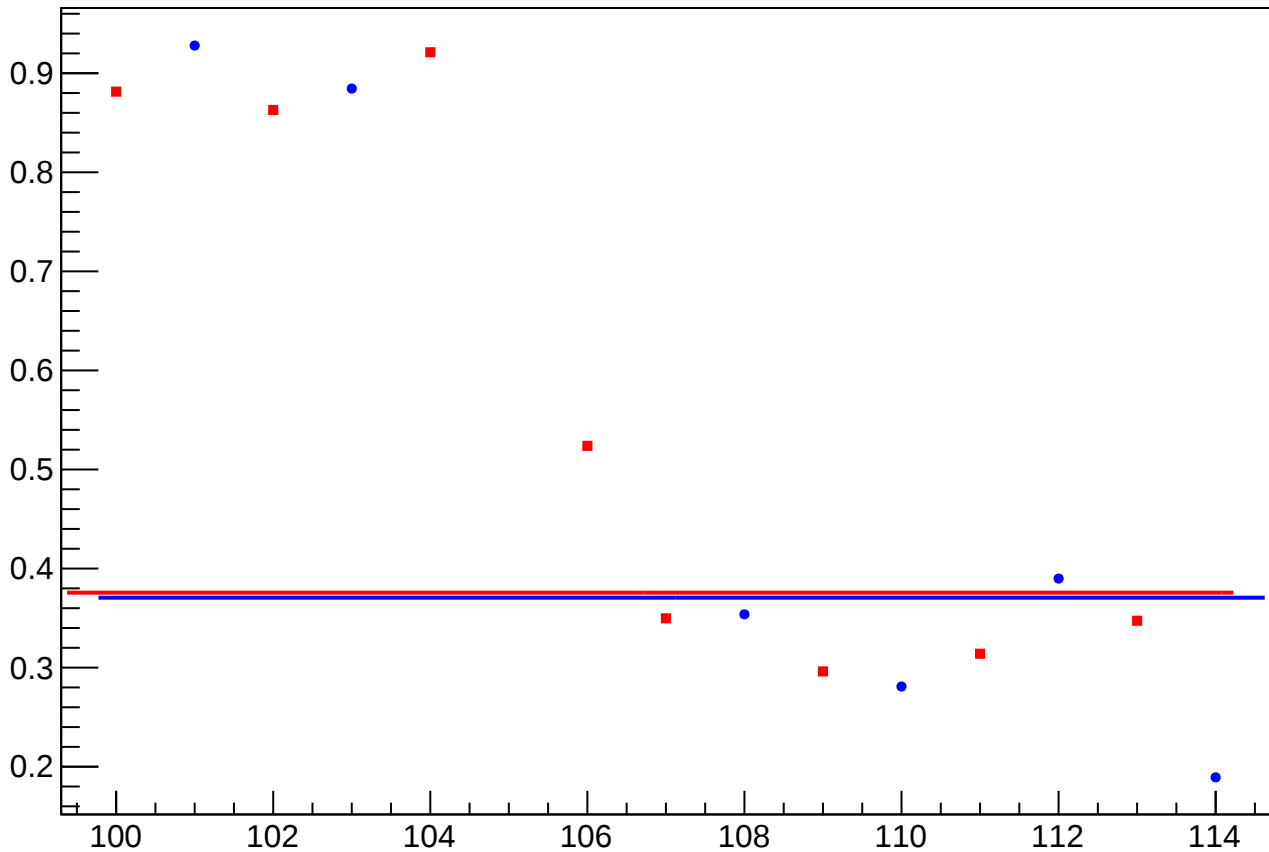
Right: 153.041+/-0.000 χ^2/NDF : 493264954.2/13

In: 153.104+/-0.000 χ^2/NDF : 132536562.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.041+/-0.000 χ^2/NDF : 493264954.2/13

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.371+/-0.000 χ^2/NDF : 1006654.7/5

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

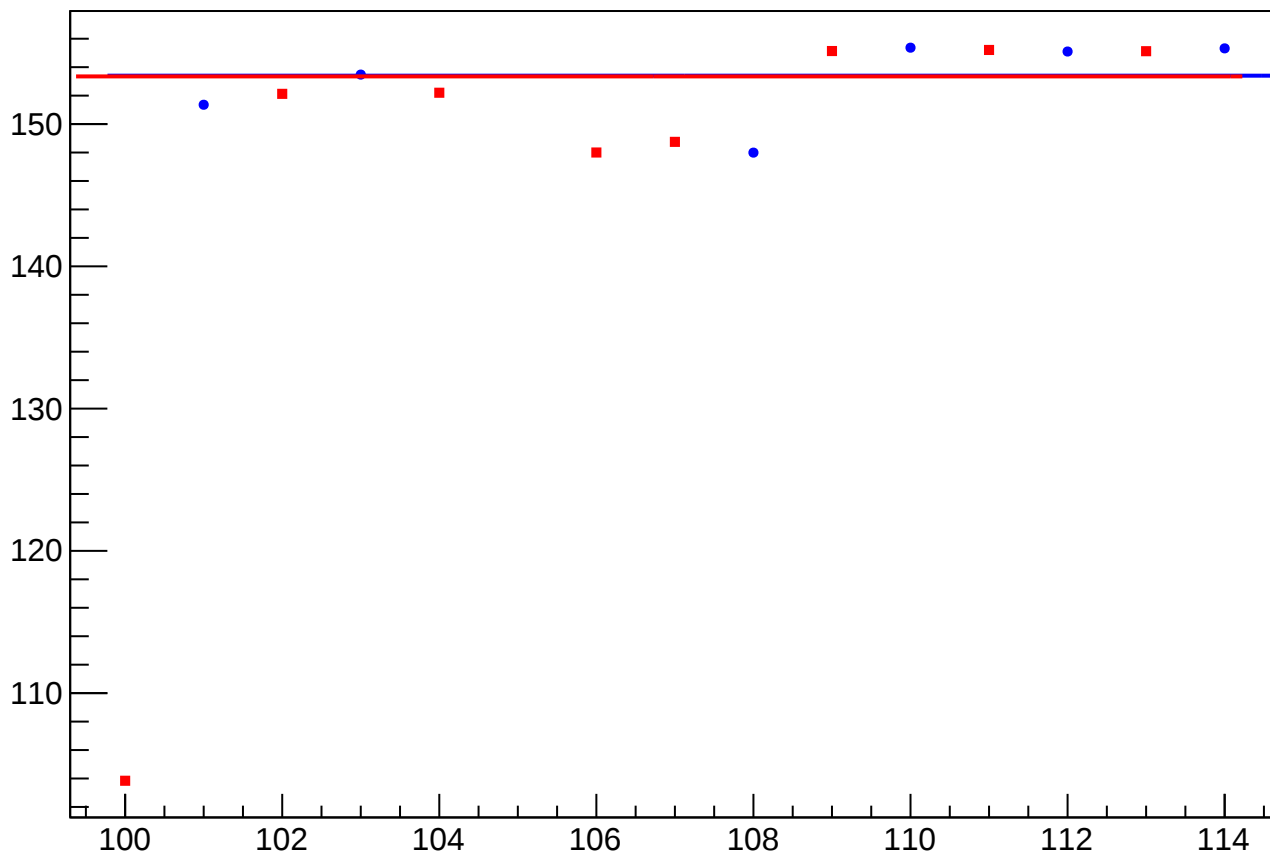
Right: 0.374+/-0.000 χ^2/NDF : 1871519.3/13

In: 0.371+/-0.000 χ^2/NDF : 1006654.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.374+/-0.000 χ^2/NDF : 1871519.3/13

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 153.402+/-0.000 χ^2/NDF : 114273920.5/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

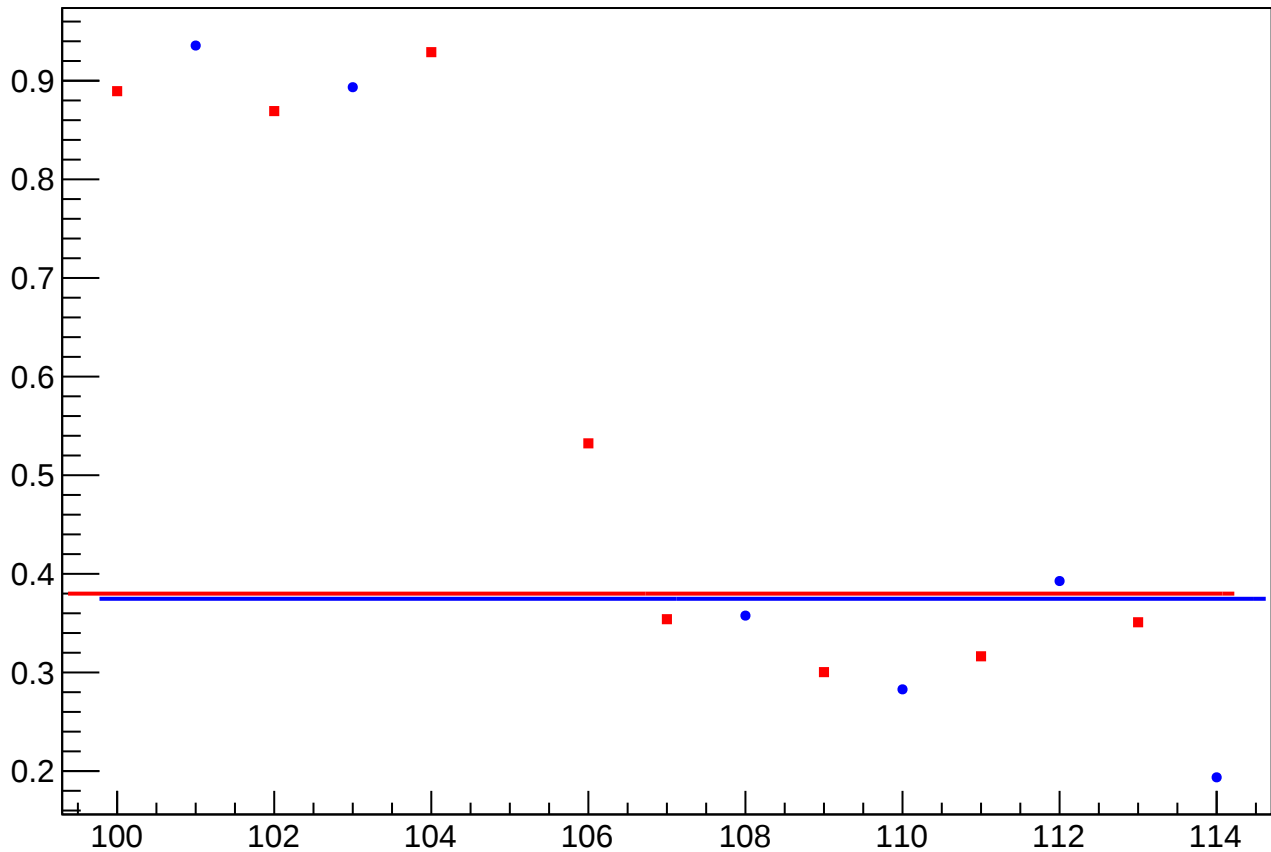
Right: 153.373+/-0.000 χ^2/NDF : 453620970.3/13

In: 153.402+/-0.000 χ^2/NDF : 114273920.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.373+/-0.000 χ^2/NDF : 453620970.3/13

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.375+/-0.000 χ^2/NDF : 1000417.8/5

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

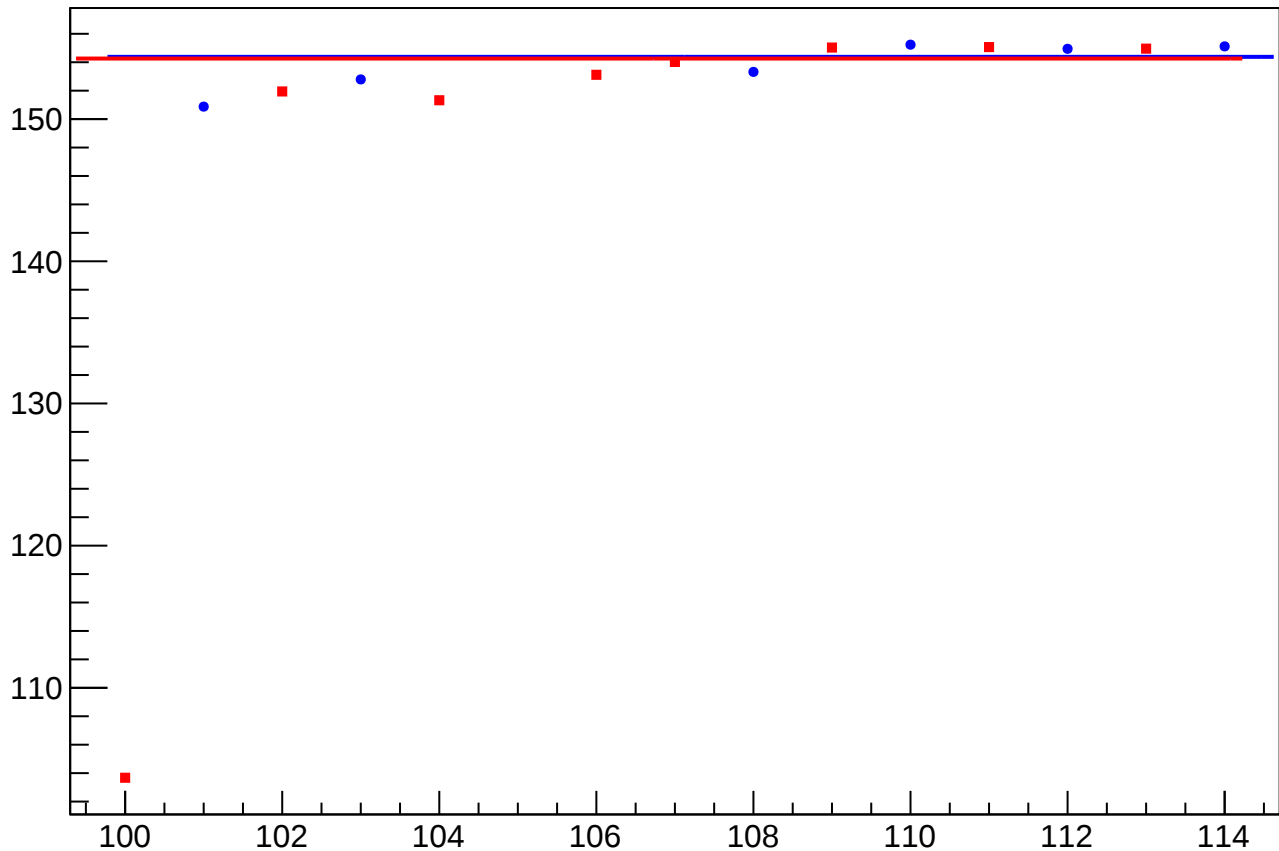
Right: 0.378+/-0.000 χ^2/NDF : 1862800.3/13

In: 0.375+/-0.000 χ^2/NDF : 1000417.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.378+/-0.000 χ^2/NDF : 1862800.3/13

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 154.379+/-0.000 χ^2/NDF : 17655503.4/5

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

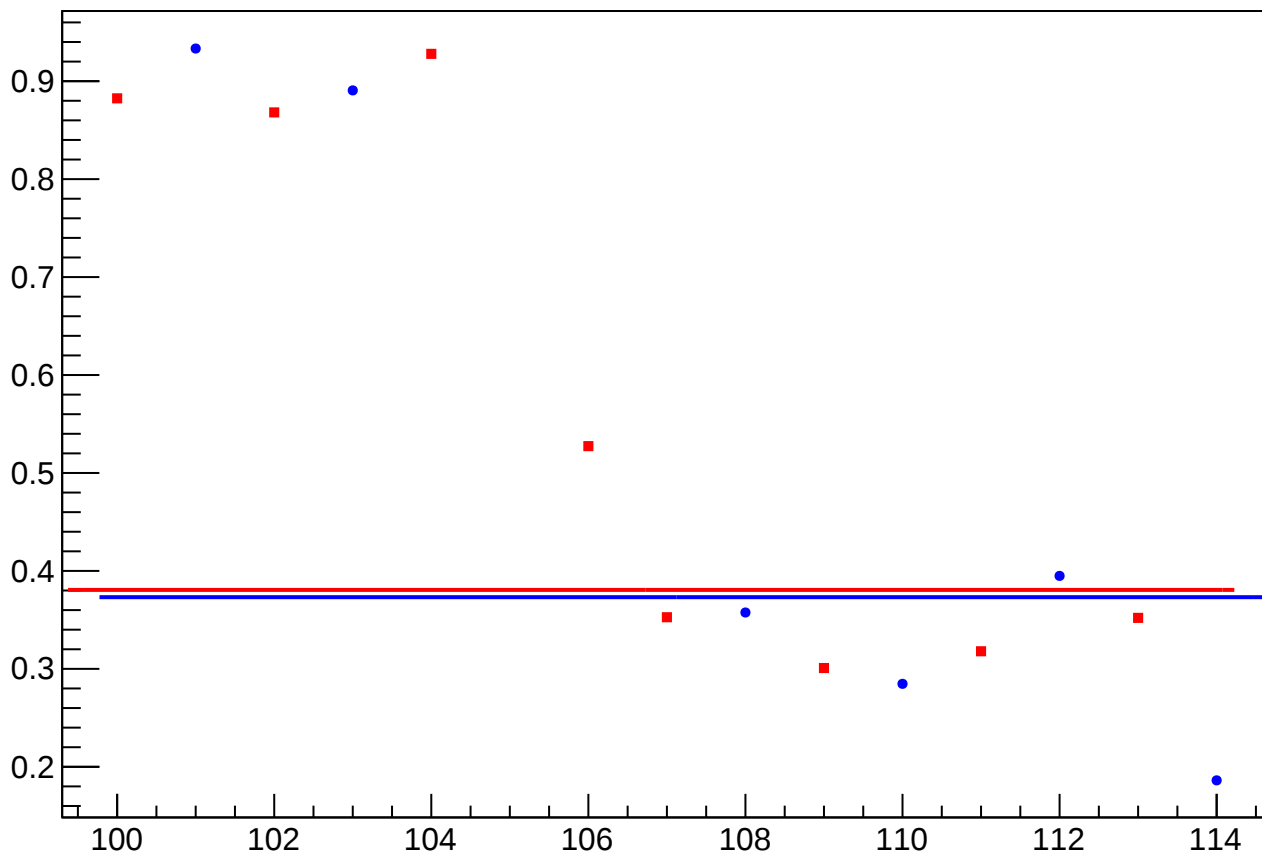
Right: 154.311+/-0.000 χ^2/NDF : 264701325.9/13

In: 154.379+/-0.000 χ^2/NDF : 17655503.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.311+/-0.000 χ^2/NDF : 264701325.9/13

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.373+/-0.000 χ^2/NDF : 1014709.4/5

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

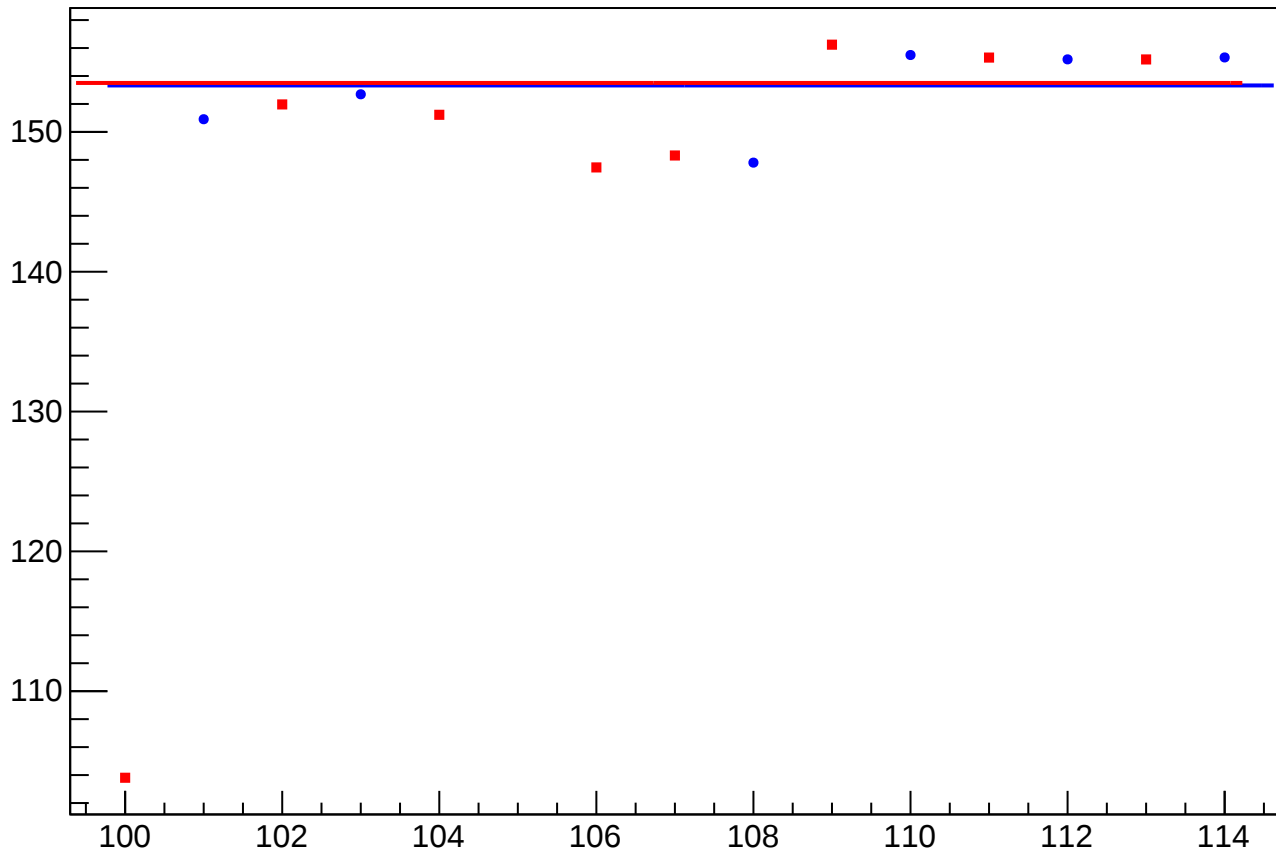
Right: 0.377+/-0.000 χ^2/NDF : 1870611.2/13

In: 0.373+/-0.000 χ^2/NDF : 1014709.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.377+/-0.000 χ^2/NDF : 1870611.2/13

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 153.324+/-0.000 χ^2/NDF : 123489282.7/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

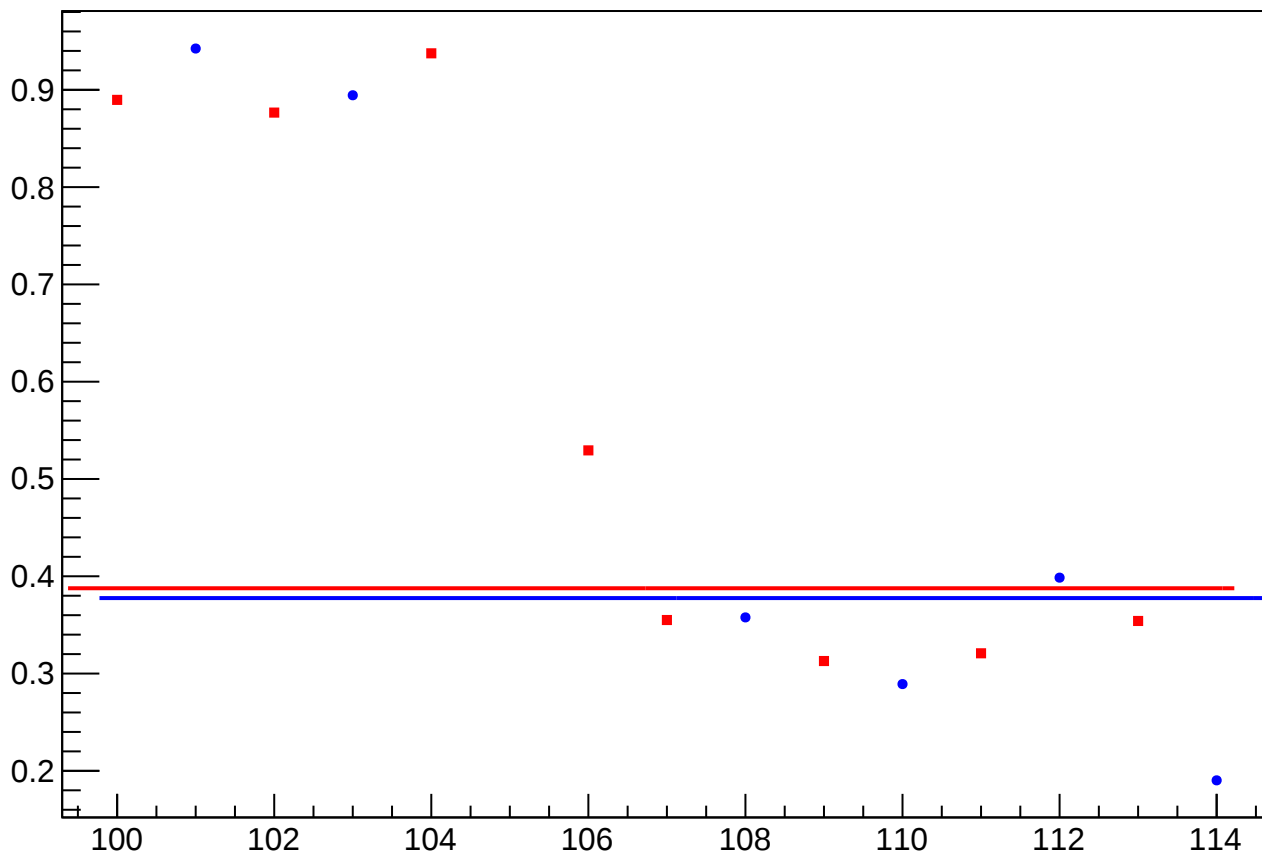
Right: 153.426+/-0.000 χ^2/NDF : 505412073.7/13

In: 153.324+/-0.000 χ^2/NDF : 123489282.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.426+/-0.000 χ^2/NDF : 505412073.7/13

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.378+/-0.000 χ^2/NDF : 1003745.5/5

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

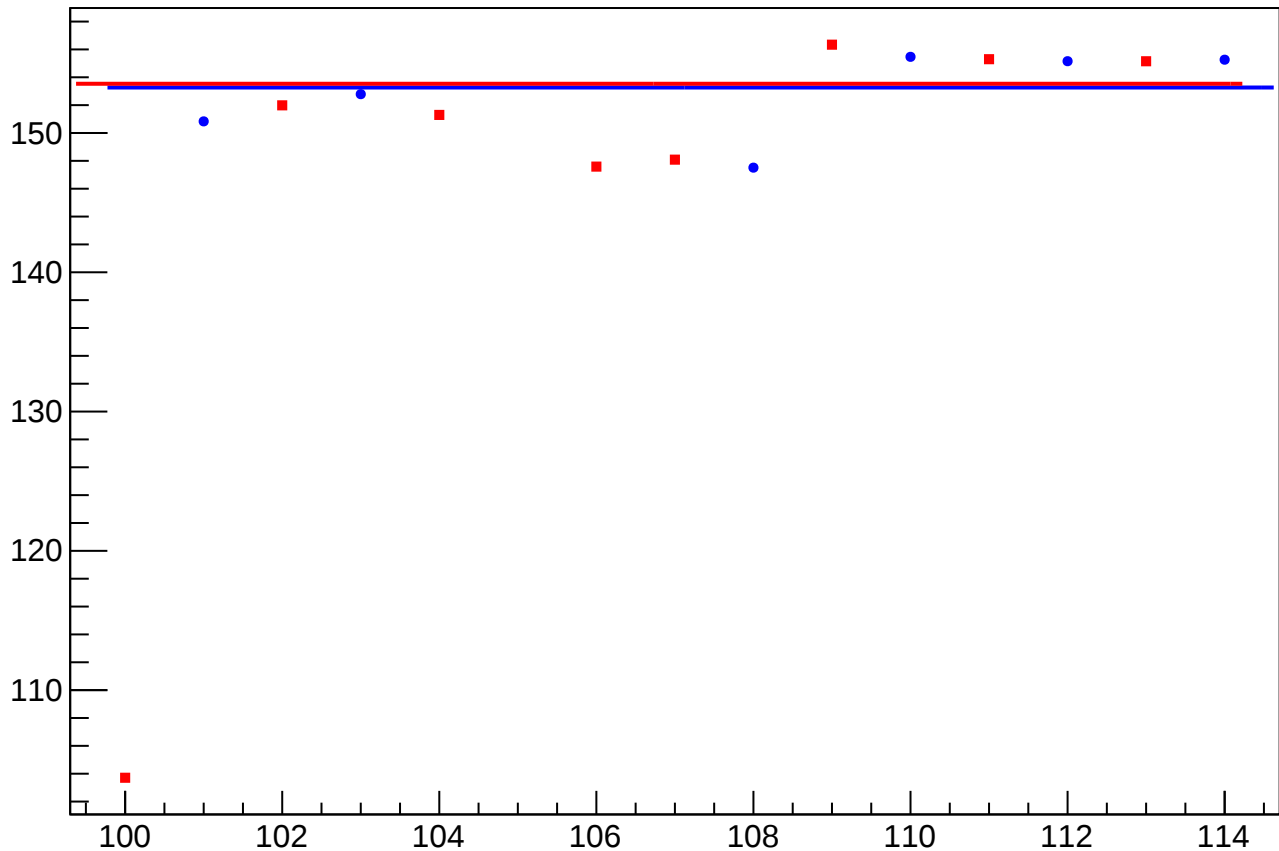
Right: 0.383+/-0.000 χ^2/NDF : 1843267.4/13

In: 0.378+/-0.000 χ^2/NDF : 1003745.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.383+/-0.000 χ^2/NDF : 1843267.4/13

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 153.265+/-0.000 χ^2/NDF : 136983082.3/5

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

Right Out: 153.535+/-0.000 χ^2/NDF : 393842391.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

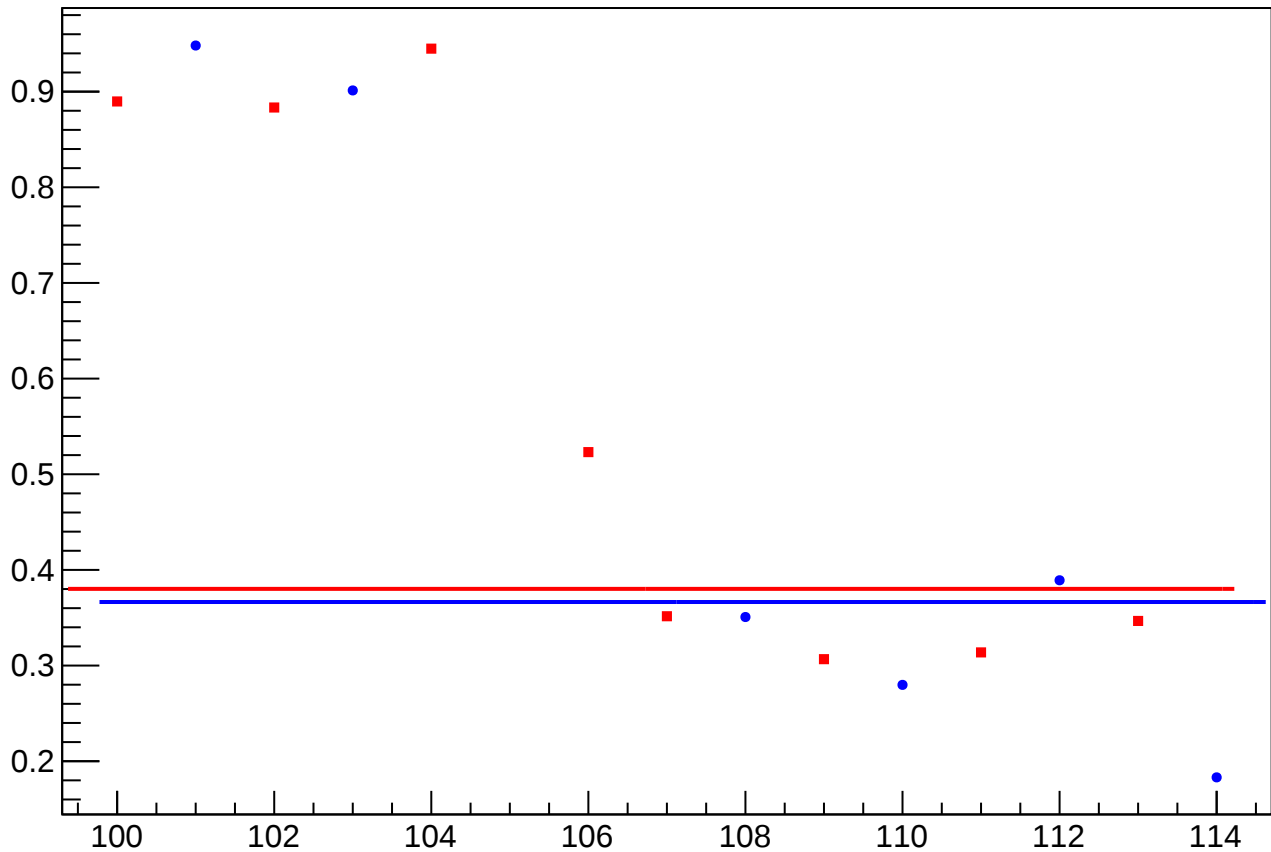
Right: 153.418+/-0.000 χ^2/NDF : 531367609.1/13

In: 153.265+/-0.000 χ^2/NDF :136983082.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 153.418+/-0.000 χ^2/NDF : 531367609.1/13

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.366+/-0.000 χ^2/NDF : 1048194.1/5

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

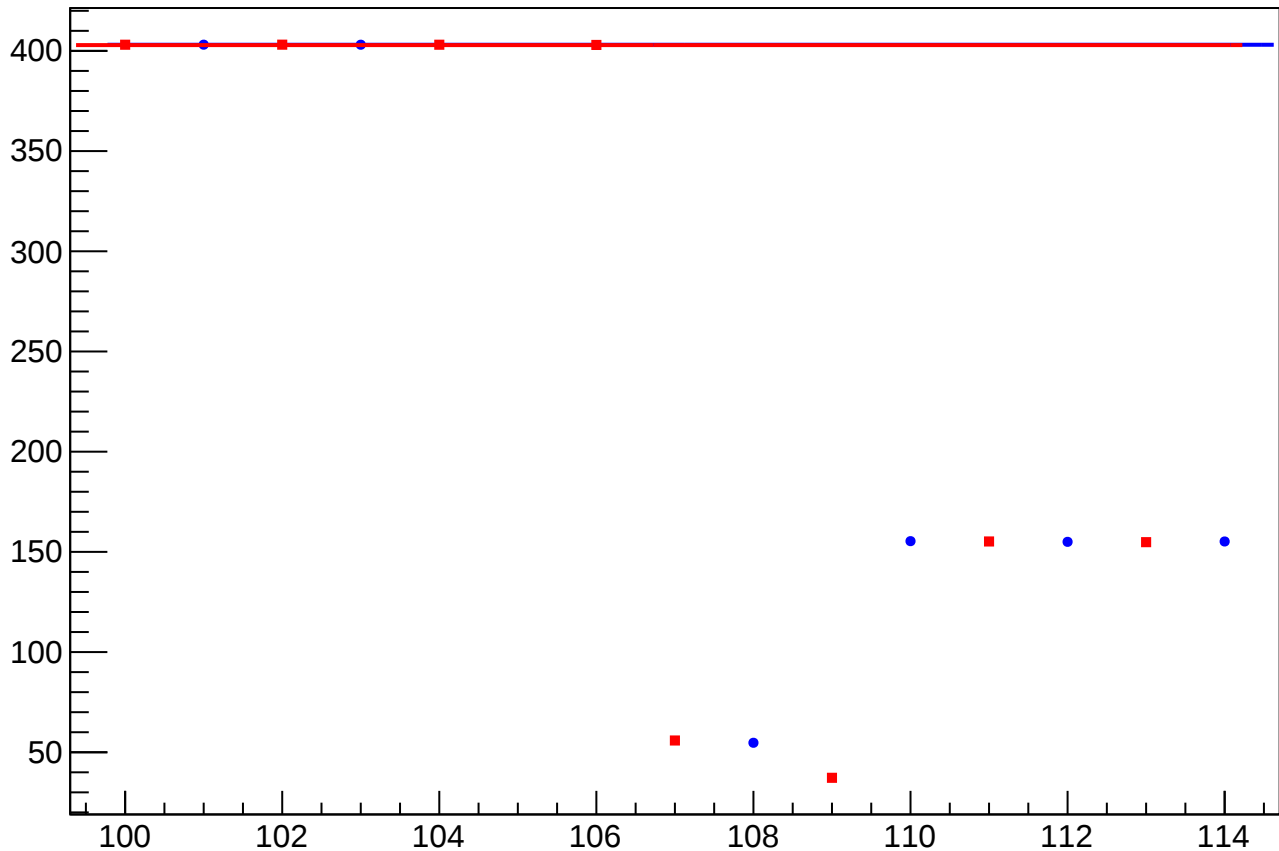
Right: 0.374+/-0.000 χ^2/NDF : 1919116.9/13

In: 0.366+/-0.000 χ^2/NDF : 1048194.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

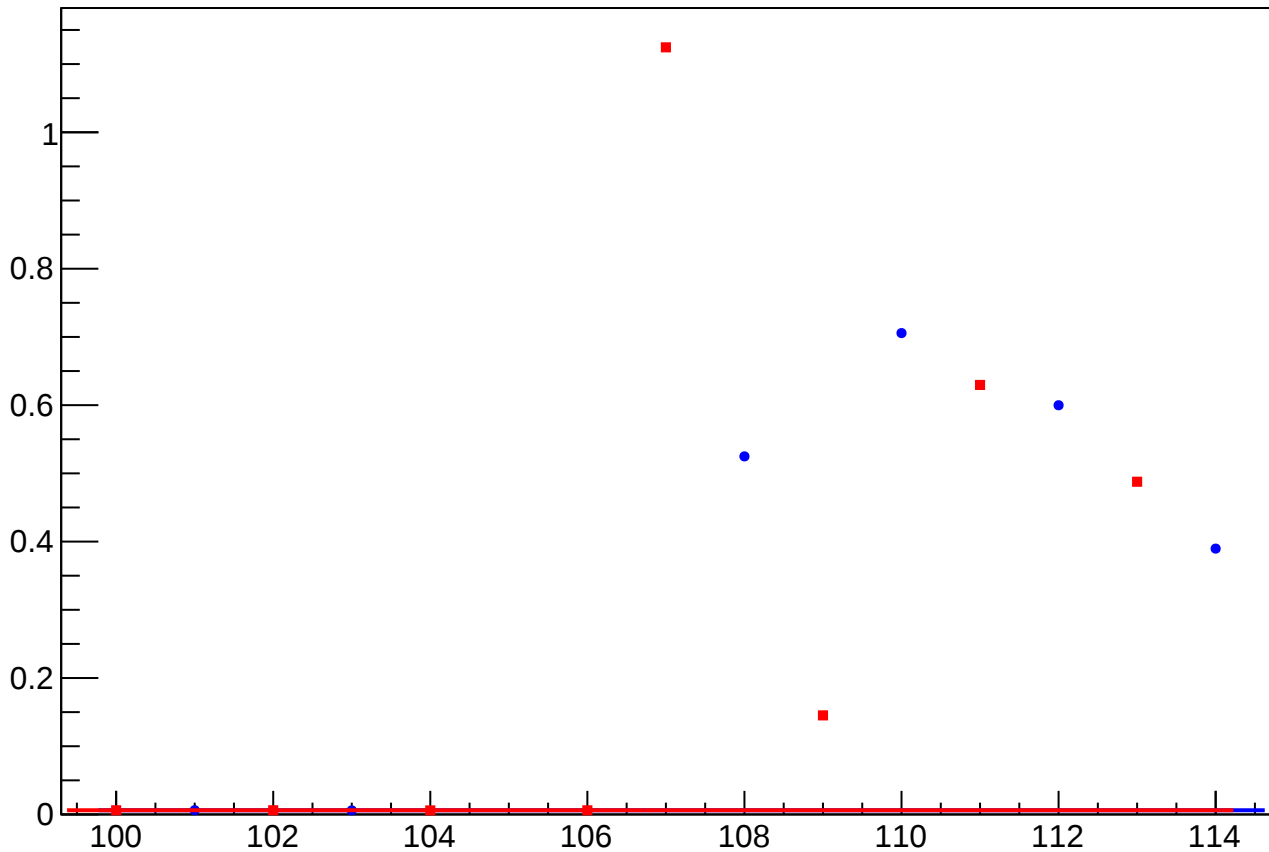
All: 0.374+/-0.000 χ^2/NDF : 1919116.9/13

yield_cav4bQ_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right In: 403.058+/-0.000 χ^2/NDF : 280063902756.4/5
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 402.968+/-0.000 χ^2/NDF : 2544023738108.8/7
In: 403.058+/-0.000 χ^2/NDF : 280063902756.4/5
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 402.968+/-0.000 χ^2/NDF : 2544023738108.8/7

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 2226170.7/5

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

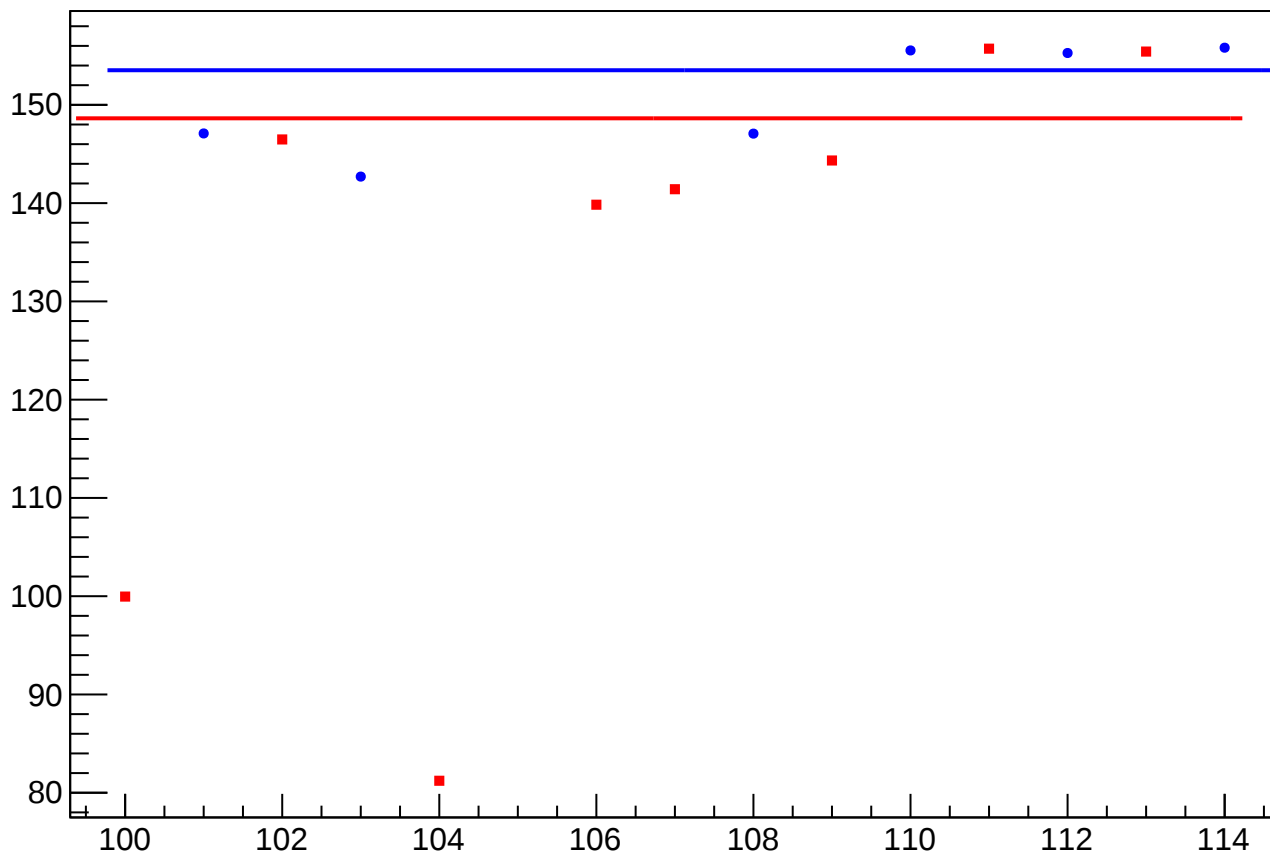
Right: 0.006+/-0.000 χ^2/NDF : 4916622.6/13

In: 0.006+/-0.000 χ^2/NDF : 2226170.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 4916622.6/13

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 153.523+/-0.001 χ^2/NDF : 9604136.6/5

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

Right Out: 148.630+/-0.001 χ^2/NDF : 266129535.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

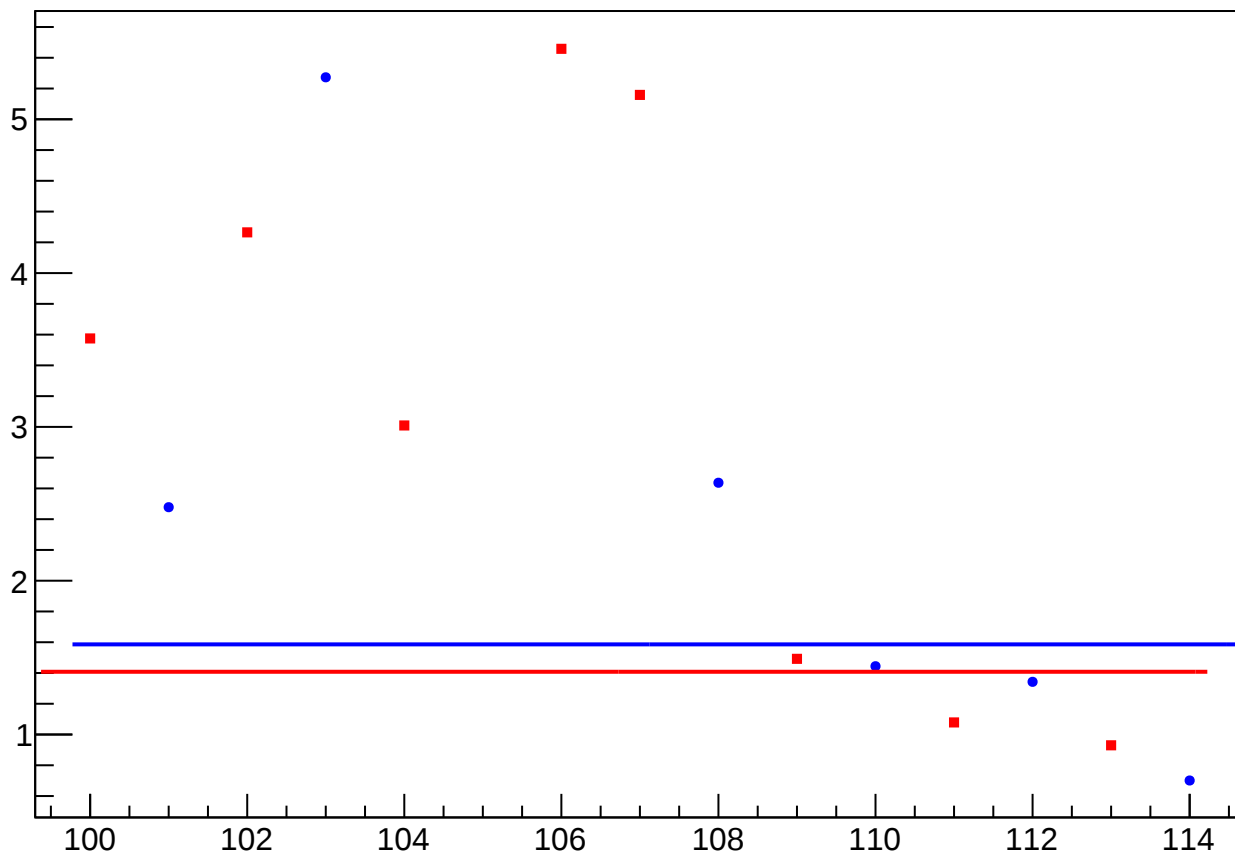
Right: 150.654+/-0.001 χ^2/NDF : 285119160.9/13

In: 153.523+/-0.001 χ^2/NDF : 9604136.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.654+/-0.001 χ^2/NDF : 285119160.9/13

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 1.586+/-0.001 χ^2/NDF : 1005742.1/5

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

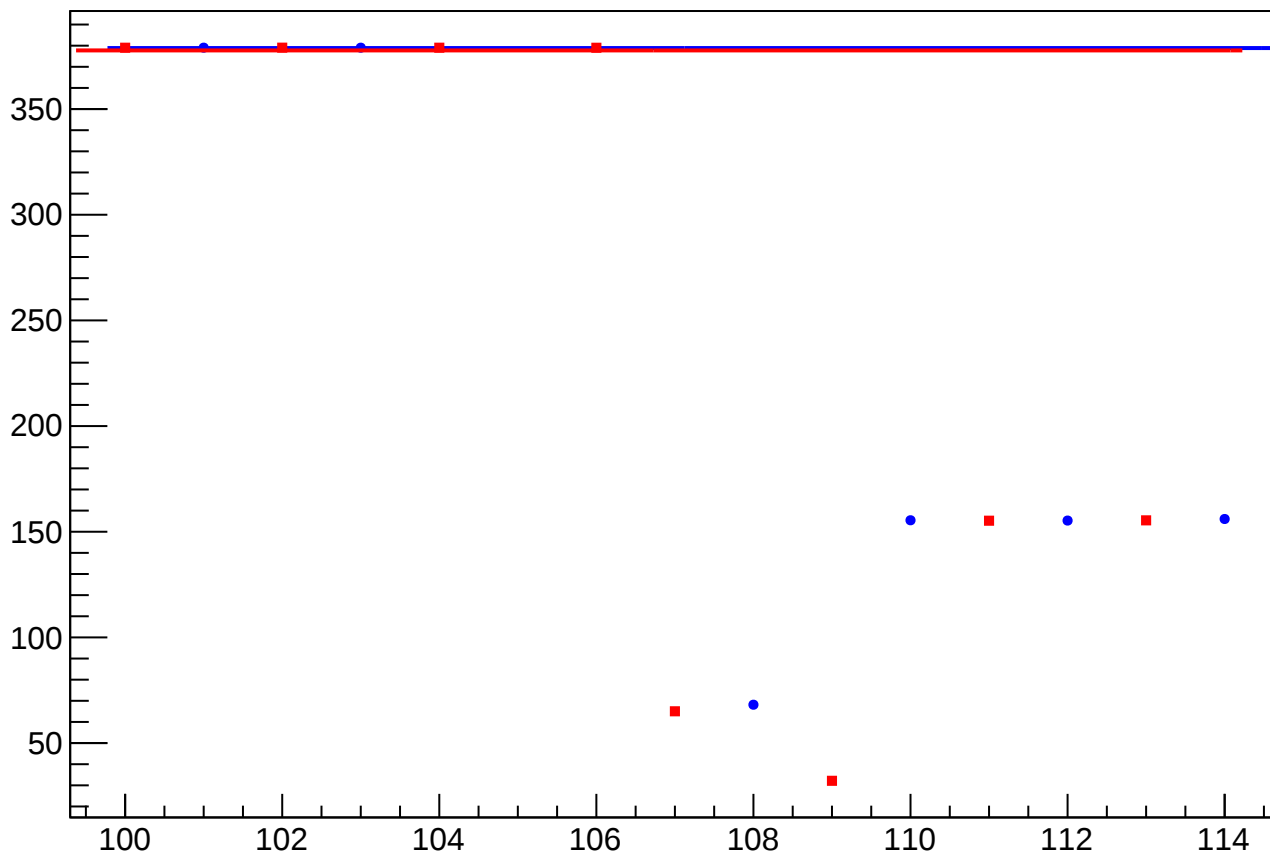
Right: 1.482+/-0.001 χ^2/NDF : 2659626.8/13

In: 1.586+/-0.001 χ^2/NDF : 1005742.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

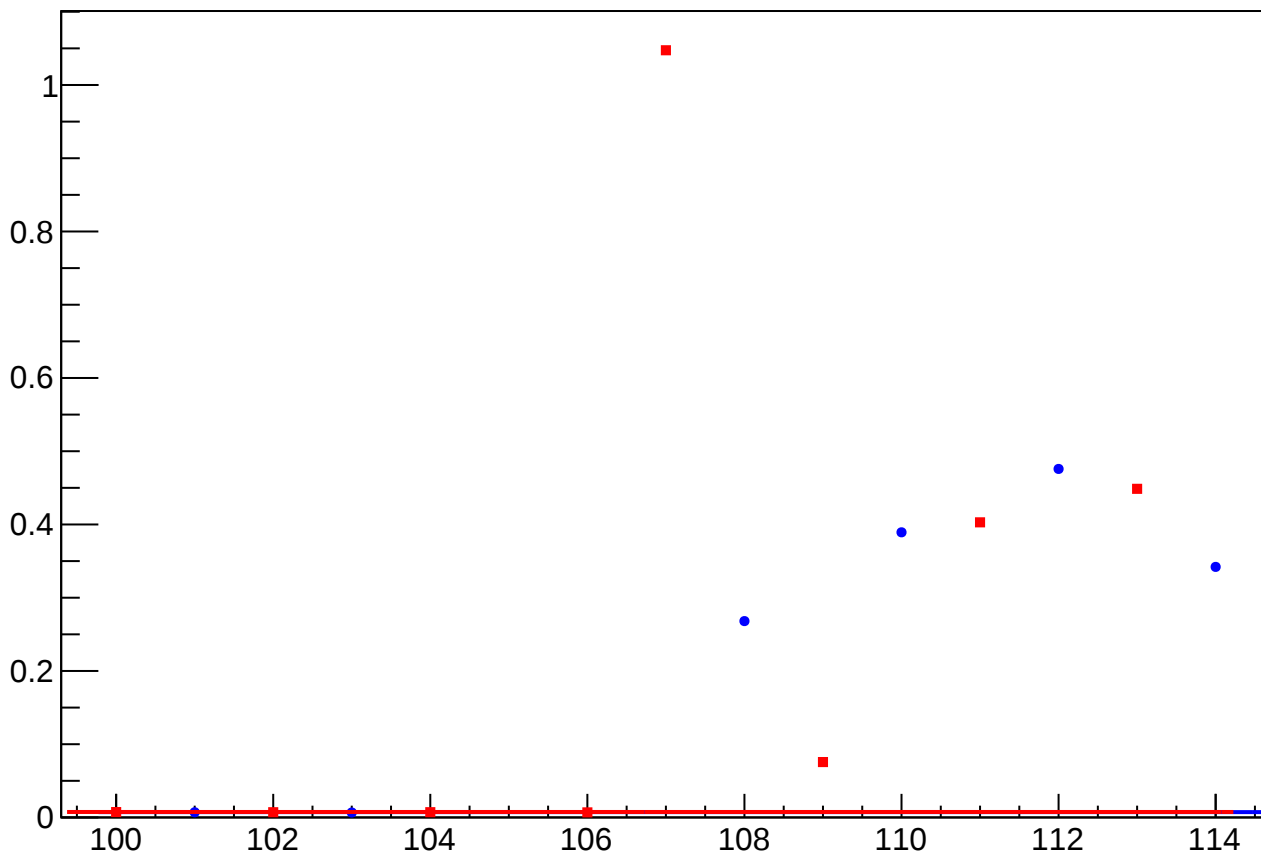
All: 1.482+/-0.001 χ^2/NDF : 2659626.8/13

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 378.870 $\pm$ 0.000 χ^2 /NDF: 656264827493.7/5
 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: 378.278 $\pm$ 0.000 χ^2 /NDF: 7265123690204.7/5
 Right Out: 377.758 $\pm$ 0.000 χ^2 /NDF: 6600106793842.7/7
 In: 378.870 $\pm$ 0.000 χ^2 /NDF: 656264827493.7/5
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 378.278 $\pm$ 0.000 χ^2 /NDF: 7265123690204.7/5

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 2259772.2/5

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

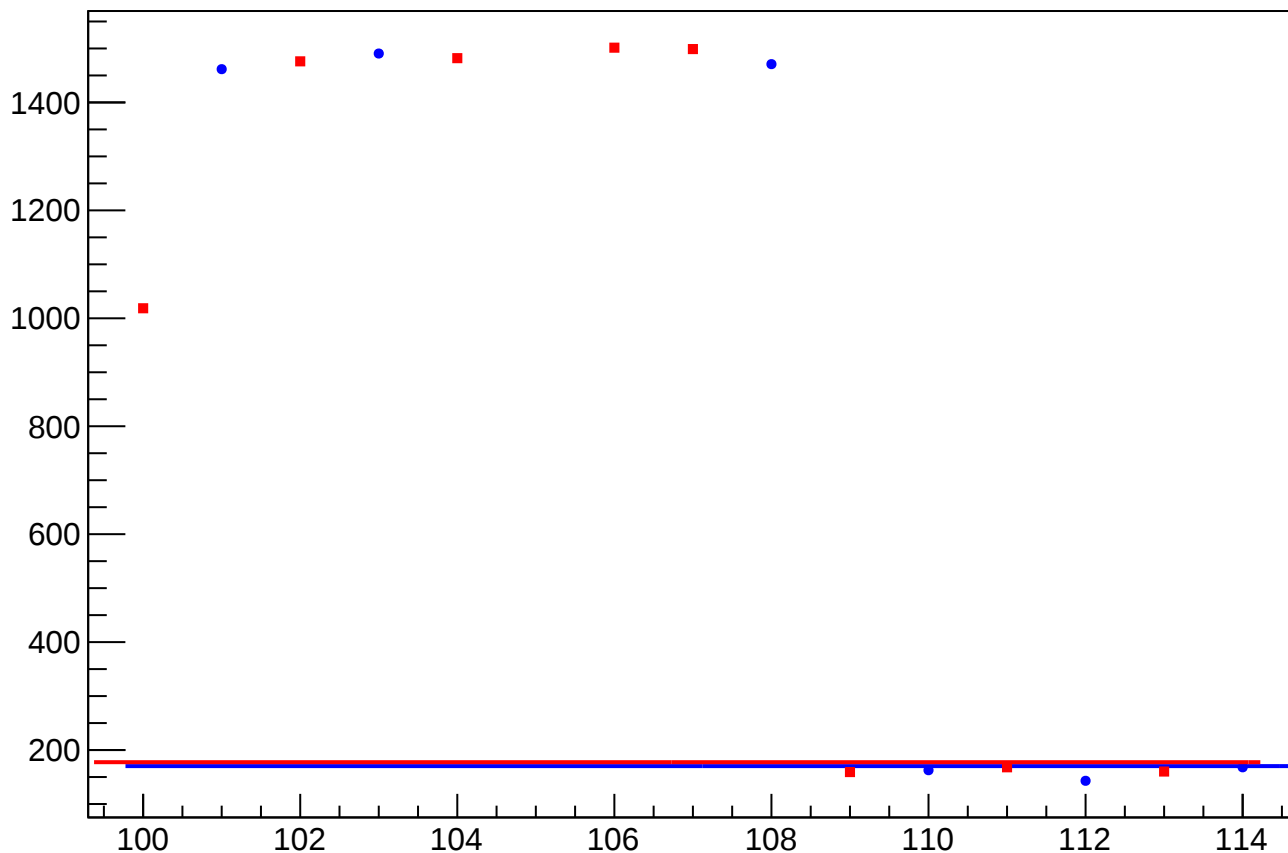
Right: 0.007+/-0.000 χ^2/NDF : 4869196.7/13

In: 0.007+/-0.000 χ^2/NDF : 2259772.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

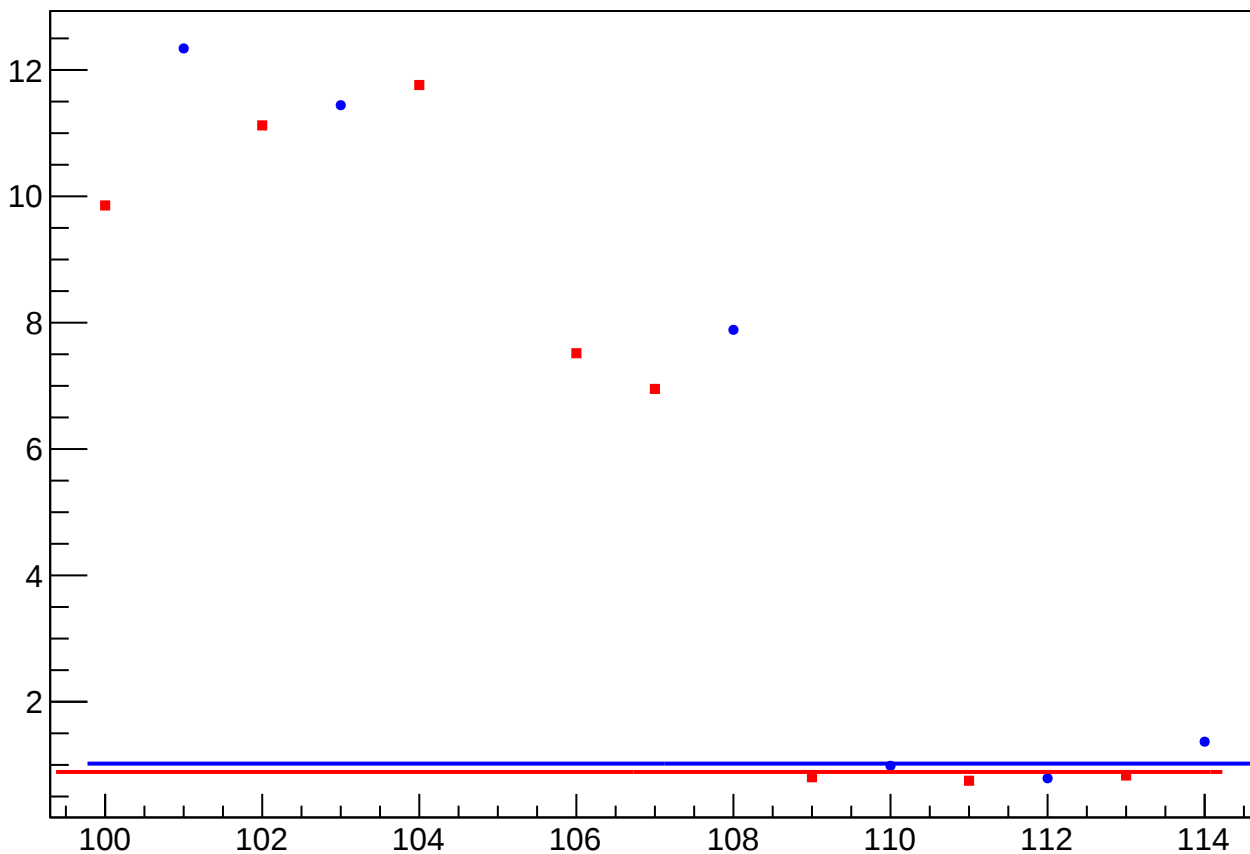
All: 0.007+/-0.000 χ^2/NDF : 4869196.7/13

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 170.234+/-0.001 χ^2/NDF : 23522818628.3/5
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 174.911+/-0.001 χ^2/NDF : 55669217094.7/13
 Right Out: 177.500+/-0.001 χ^2/NDF : 32115492488.5/7
 In: 170.234+/-0.001 χ^2/NDF : 23522818628.3/5
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 174.911+/-0.001 χ^2/NDF : 55669217094.7/13

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 1.021+/-0.001 χ^2/NDF : 2461939.6/5

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

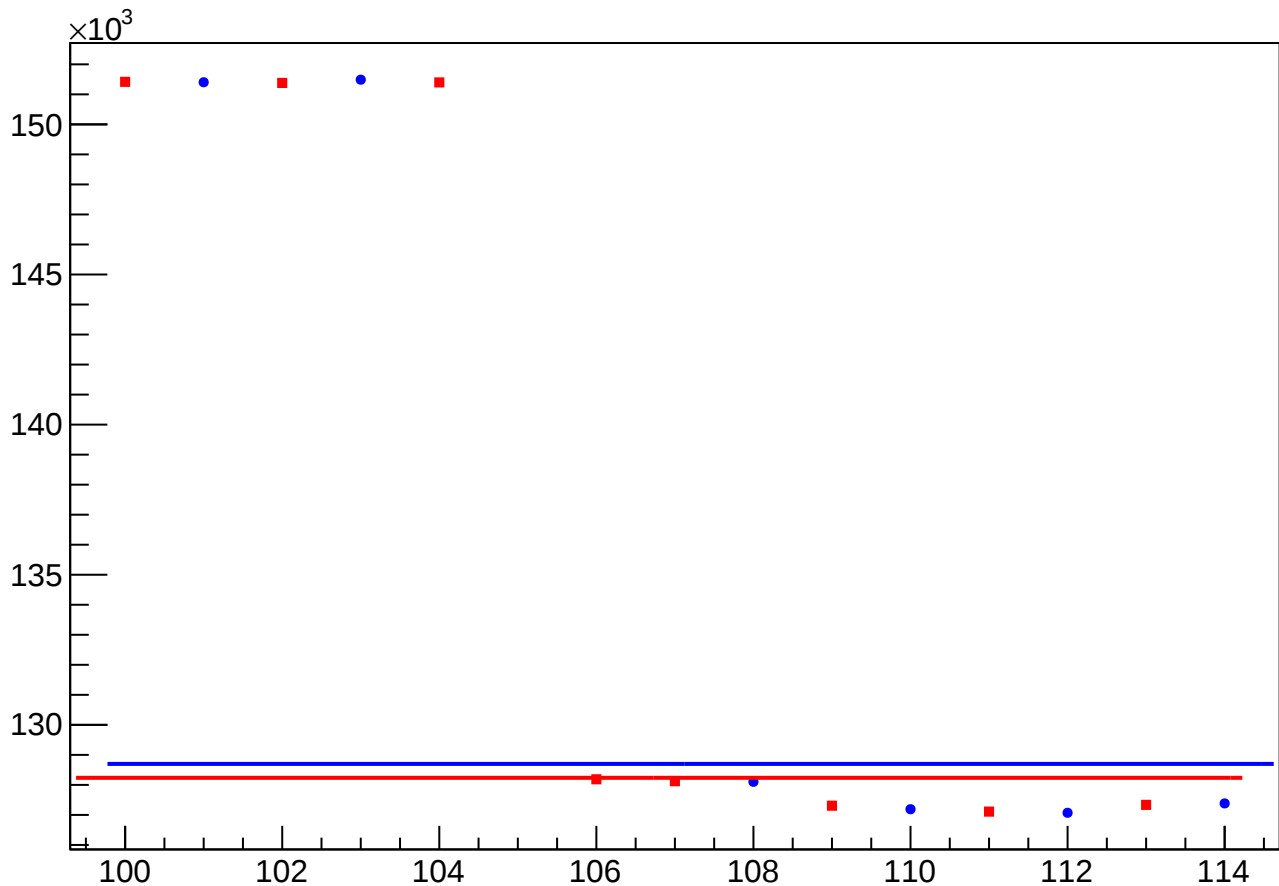
Right: 0.936+/-0.000 χ^2/NDF : 5136208.1/13

In: 1.021+/-0.001 χ^2/NDF : 2461939.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.936+/-0.000 χ^2/NDF : 5136208.1/13

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 128699.723+/-0.088 χ^2 /NDF: 4020911402.9/5

Right: 128422.165+/-0.056 χ^2 /NDF: 7605186406.6/7

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

Right Out: 128236.108+/-0.072 χ^2 /NDF: 3567629644.6/7

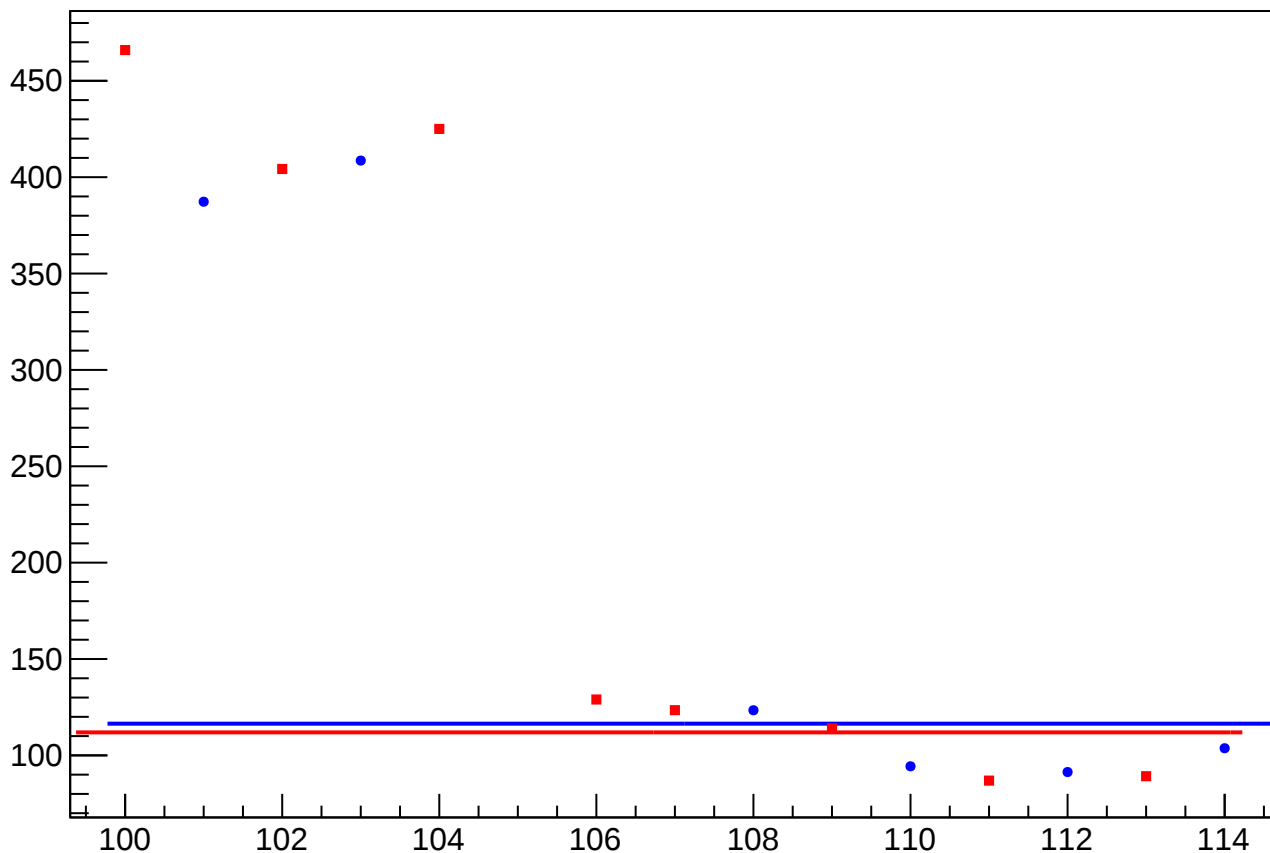
In: 128699.723+/-0.088 χ^2 /NDF: 4020911402.9/5

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

All: 128422.165+/-0.056 χ^2 /NDF: 7605186406.6/7

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 116.453+/-0.062 χ^2/NDF : 1257809.9/5

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

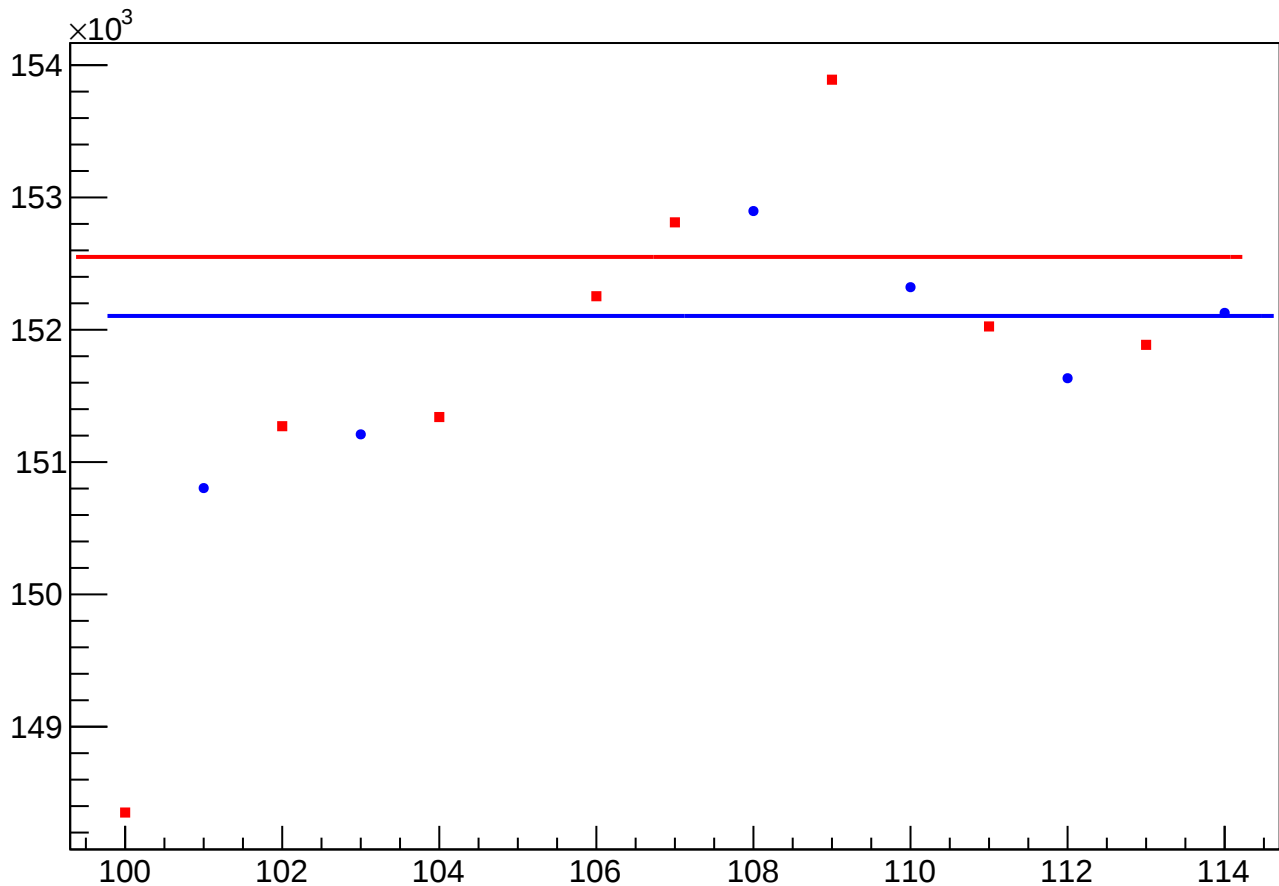
Right: 113.745+/-0.039 χ^2/NDF : 2587277.9/13

In: 116.453+/-0.062 χ^2/NDF : 1257809.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.745+/-0.039 χ^2/NDF : 2587277.9/13

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 152369.875+/-0.080 χ^2 /NDF: 103312848.3/1

In: 152104.498+/-0.126 χ^2 /NDF: 22565350.2/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 152369.875+/-0.080 χ^2 /NDF: 103312848.3/1

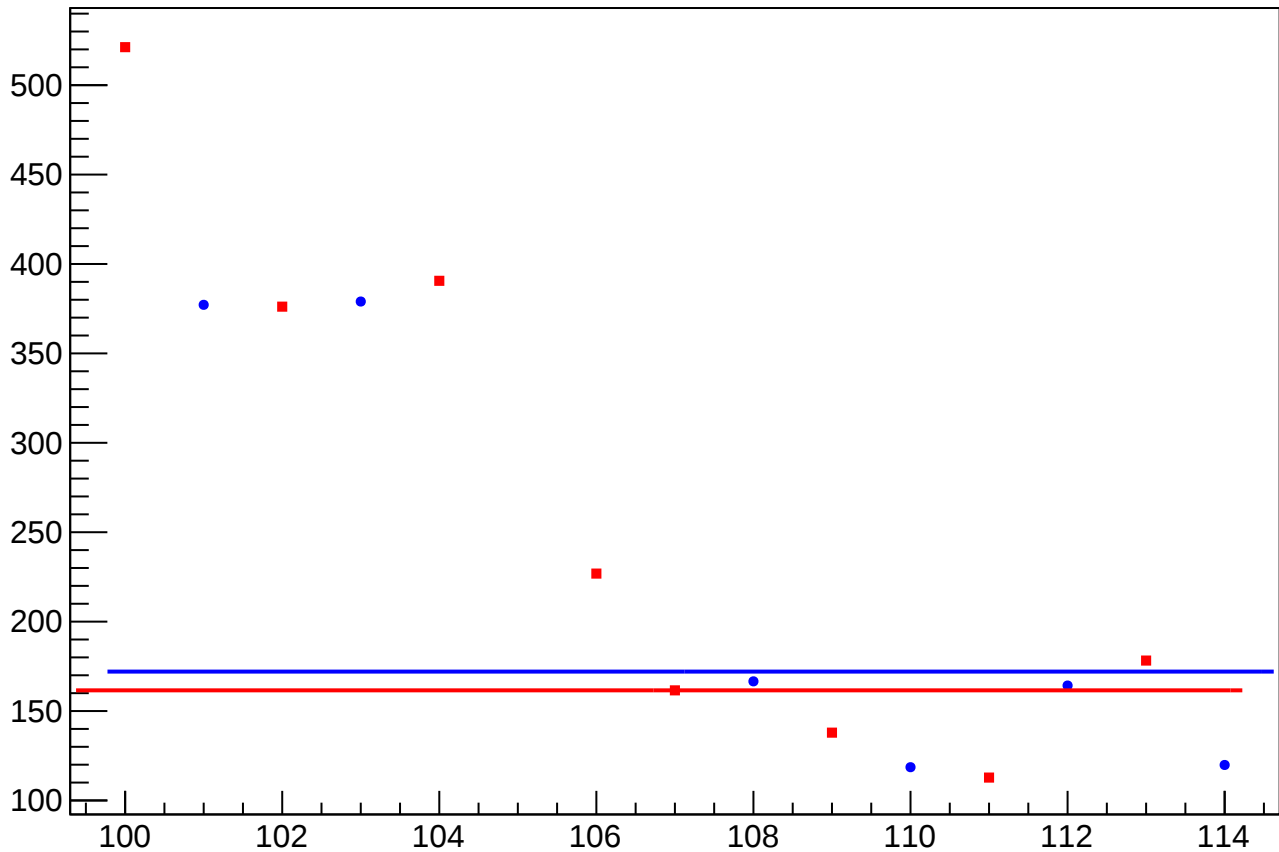
Right In: 152104.498+/-0.126 χ^2 /NDF: 22565350.2/5

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

Right Out: 152550.520+/-0.104 χ^2 /NDF: 73294001.1/7

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

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 172.062 $\pm$ 0.089 χ^2 /NDF: 844604.0/5

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

Right Out: 161.575 $\pm$ 0.074 χ^2 /NDF: 986680.4/7

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

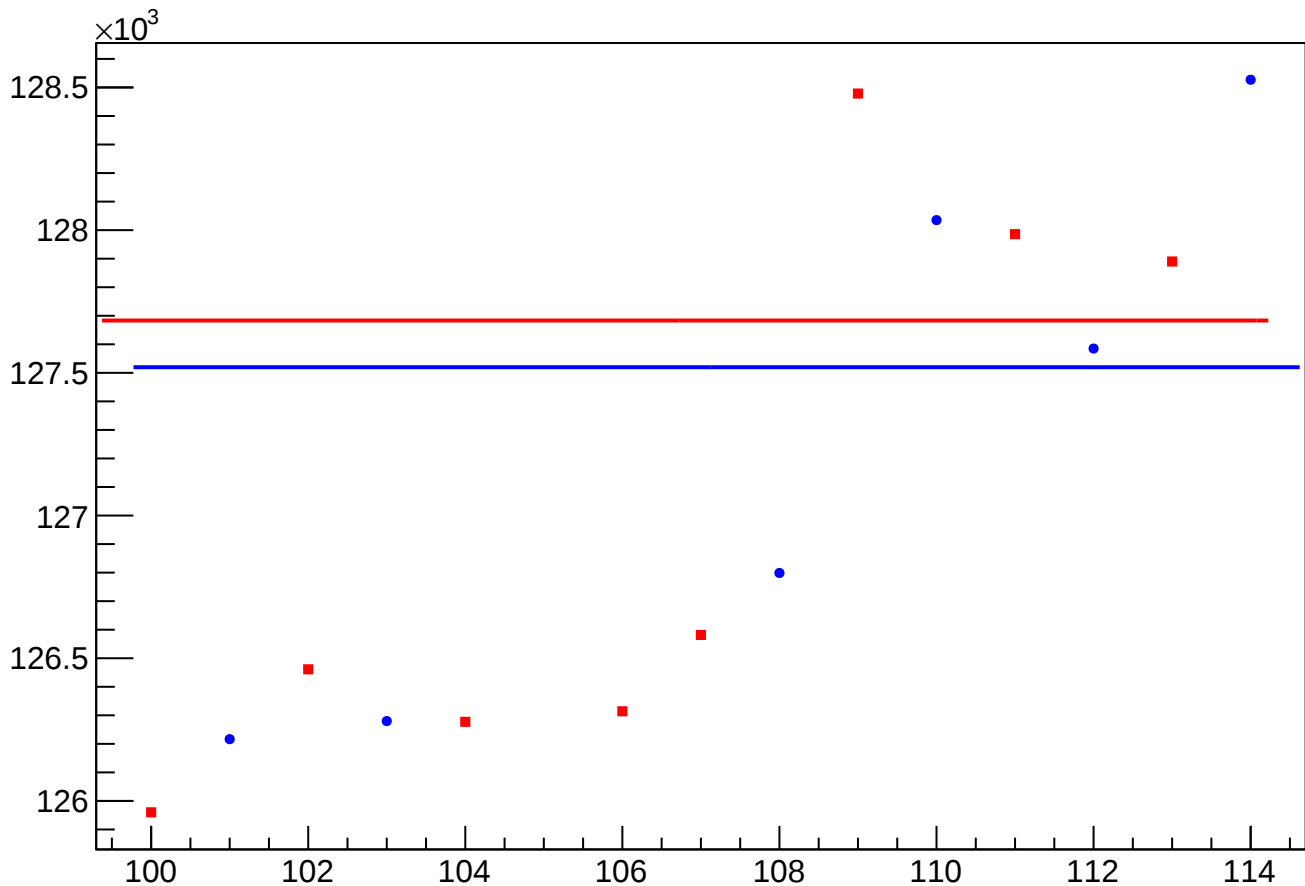
Right: 165.822 $\pm$ 0.057 χ^2 /NDF: 1839524.6/13

In: 172.062 $\pm$ 0.089 χ^2 /NDF:844604.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 165.822 $\pm$ 0.057 χ^2 /NDF: 1839524.6/13

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127519.681 $\pm$ 0.104 χ^2 /NDF: 45932277.6/5

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

Right Out: 127683.322 $\pm$ 0.086 χ^2 /NDF: 75236112.8/7

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

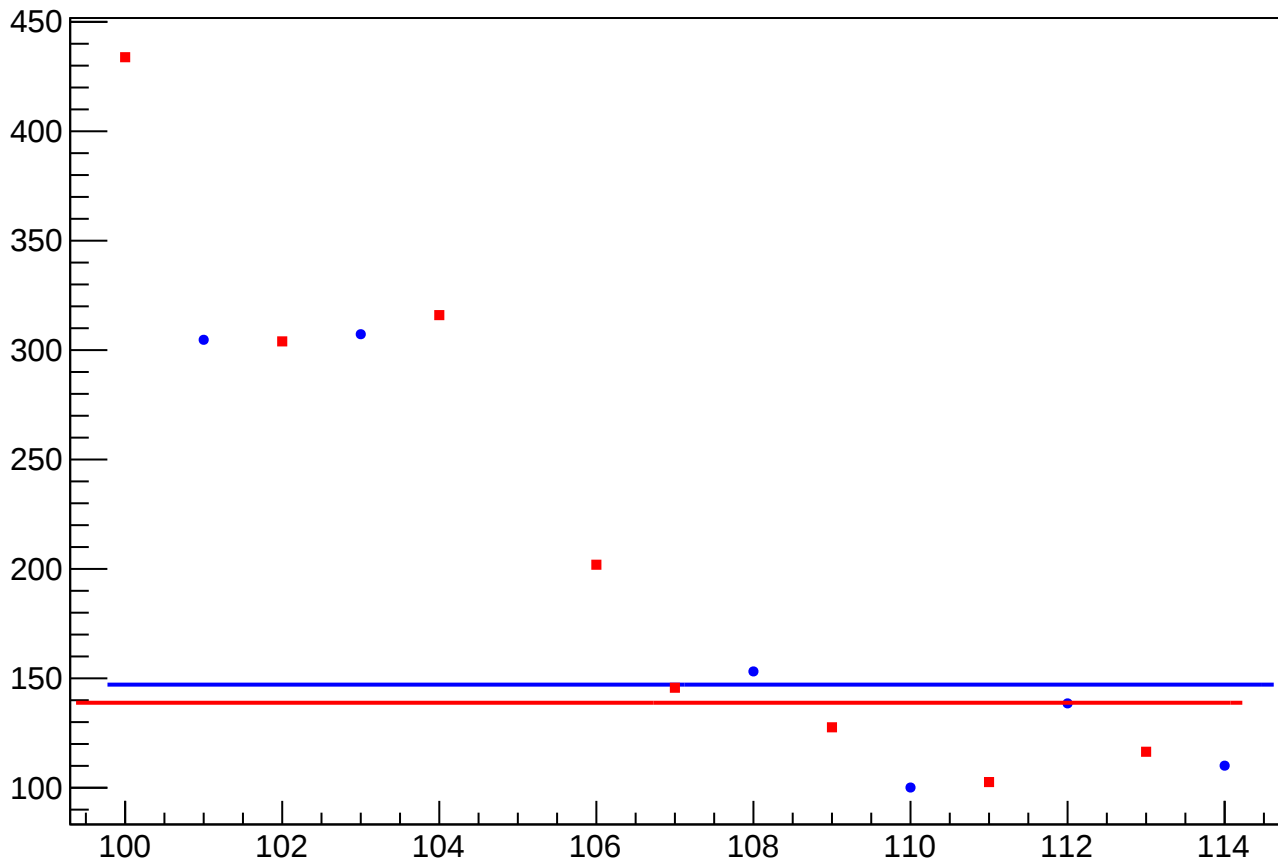
Right: 127617.057 $\pm$ 0.066 χ^2 /NDF: 122629509.9/1

In: 127519.681 $\pm$ 0.104 χ^2 /NDF:45932277.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 127617.057 $\pm$ 0.066 χ^2 /NDF: 122629509.9/1

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 147.126+/-0.074 χ^2/NDF : 794481.8/5

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

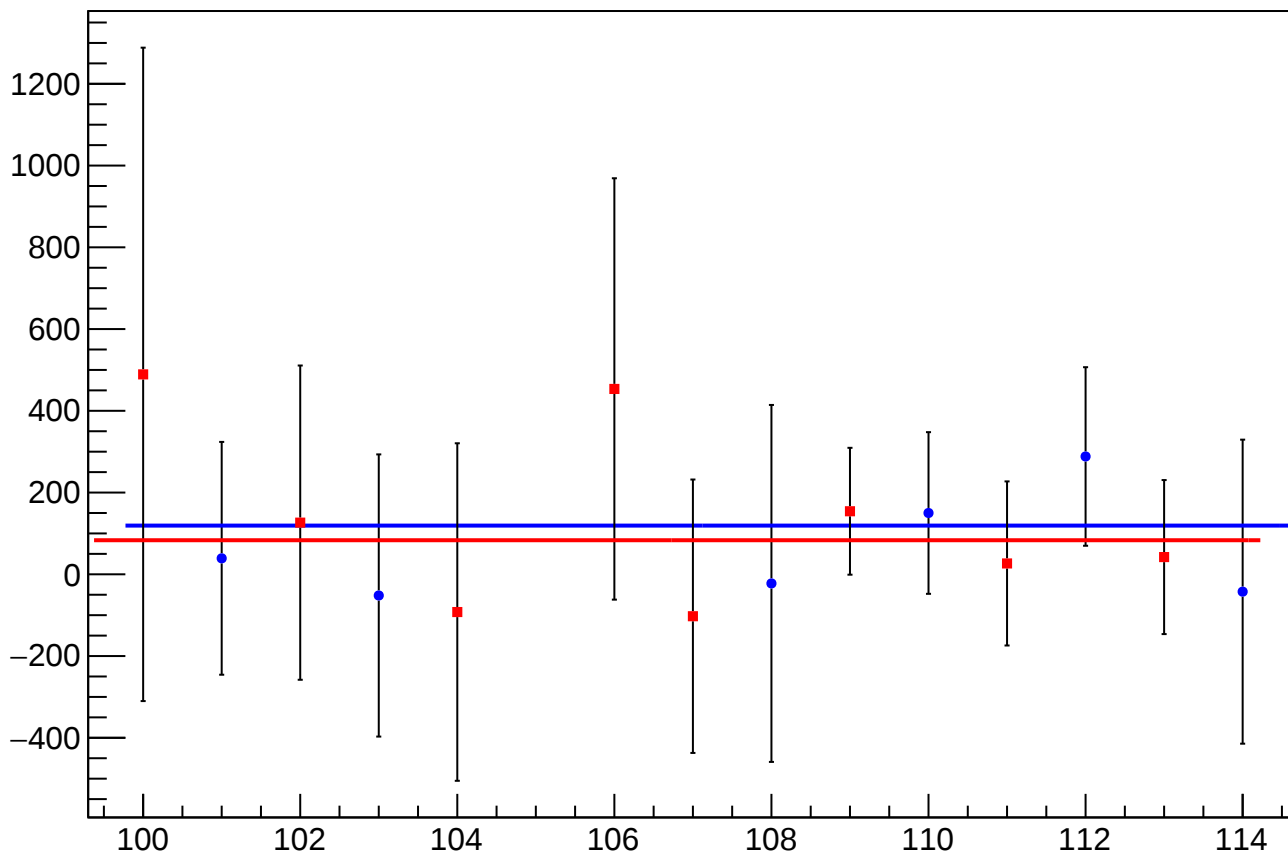
Right: 142.198+/-0.047 χ^2/NDF : 1692215.9/13

In: 147.126+/-0.074 χ^2/NDF : 794481.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.198+/-0.047 χ^2/NDF : 1692215.9/13

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 119.171+/-111.998 χ^2/NDF : 1.2/5

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

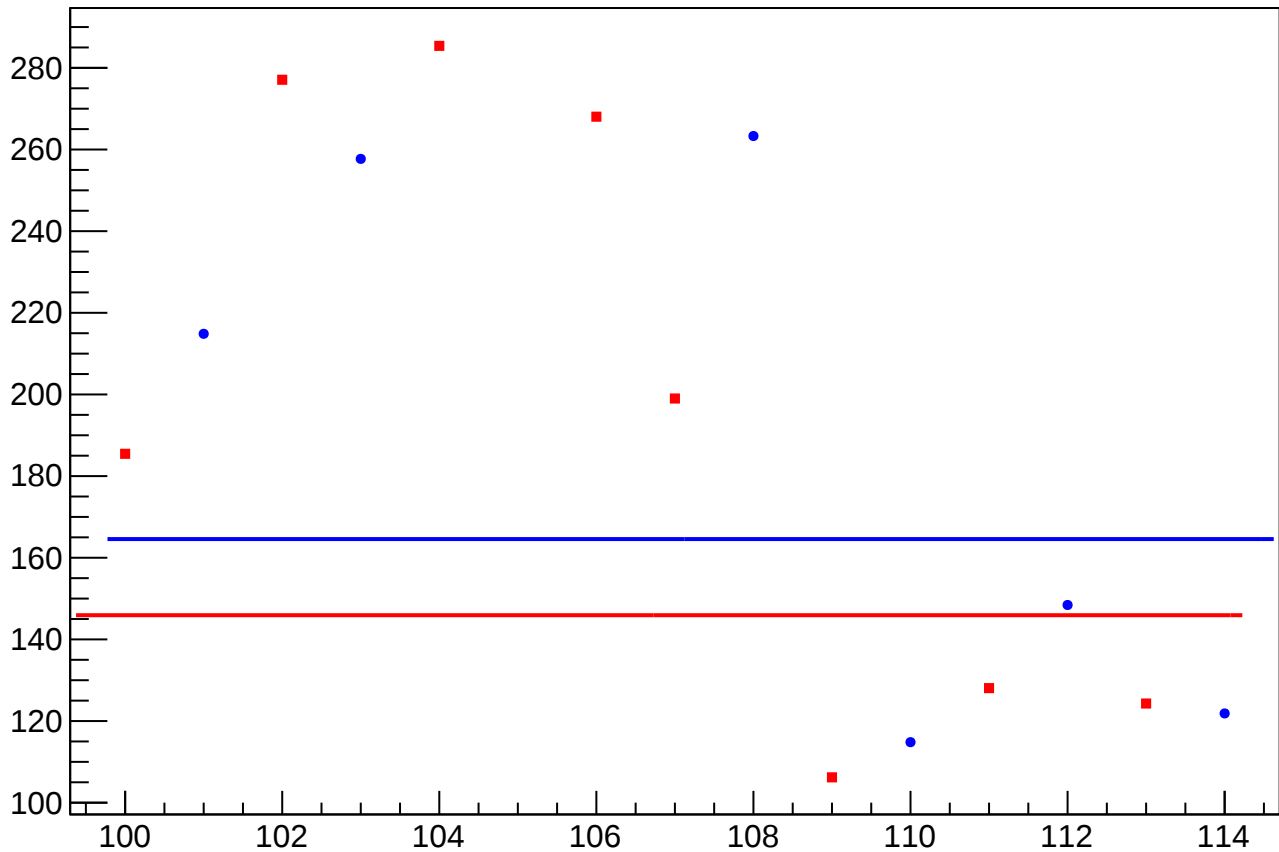
Right: 97.555+/-70.512 χ^2/NDF : 2.9/13

In: 119.171+/-111.998 χ^2/NDF : 1.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.555+/-70.512 χ^2/NDF : 2.9/13

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 164.576 $\pm$ 0.079 χ^2 /NDF: 474039.9/5

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

Right Out: 145.924 $\pm$ 0.064 χ^2 /NDF: 801739.7/7

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

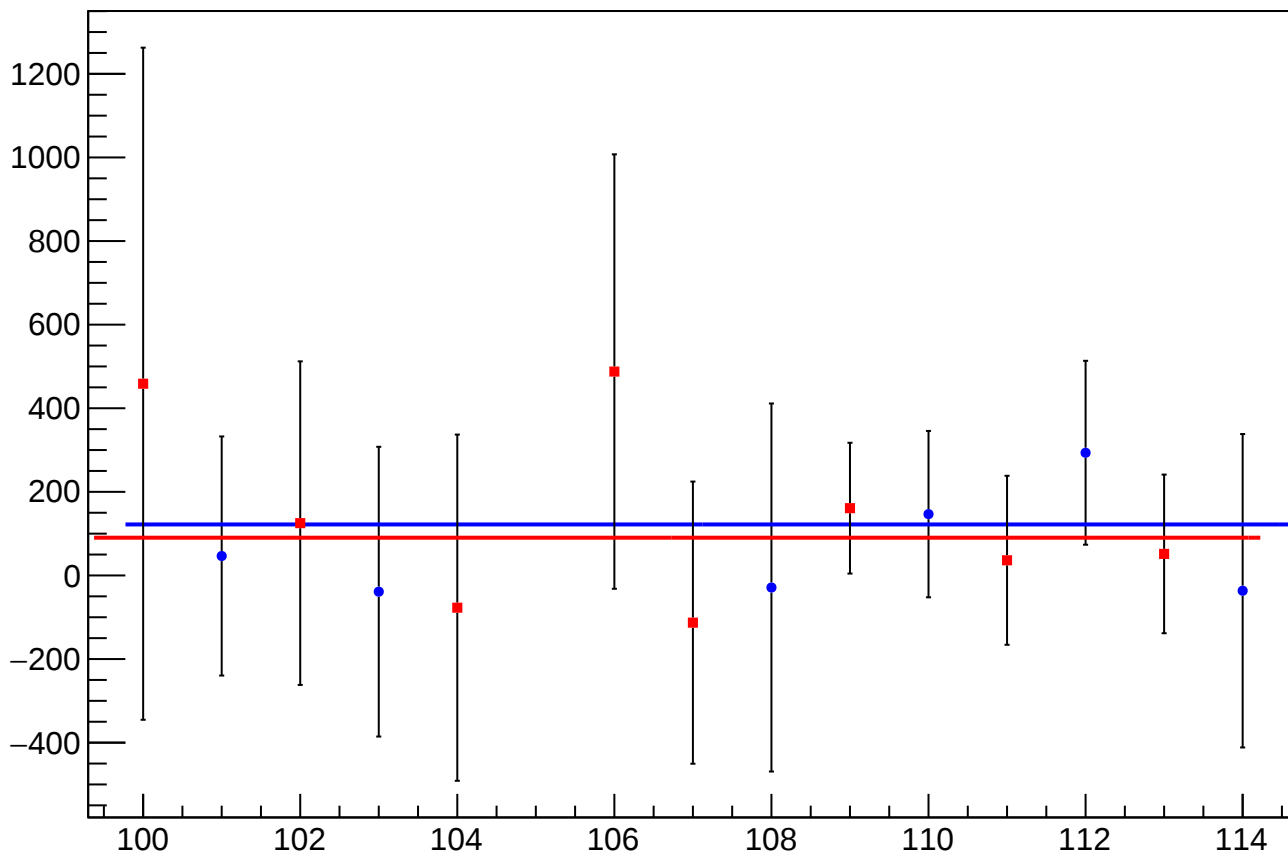
Right: 153.318 $\pm$ 0.050 χ^2 /NDF: 1309262.1/13

In: 164.576 $\pm$ 0.079 χ^2 /NDF:474039.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 153.318 $\pm$ 0.050 χ^2 /NDF: 1309262.1/13

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 122.003 $\pm$ 112.700 χ^2 /NDF: 1.2/5

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

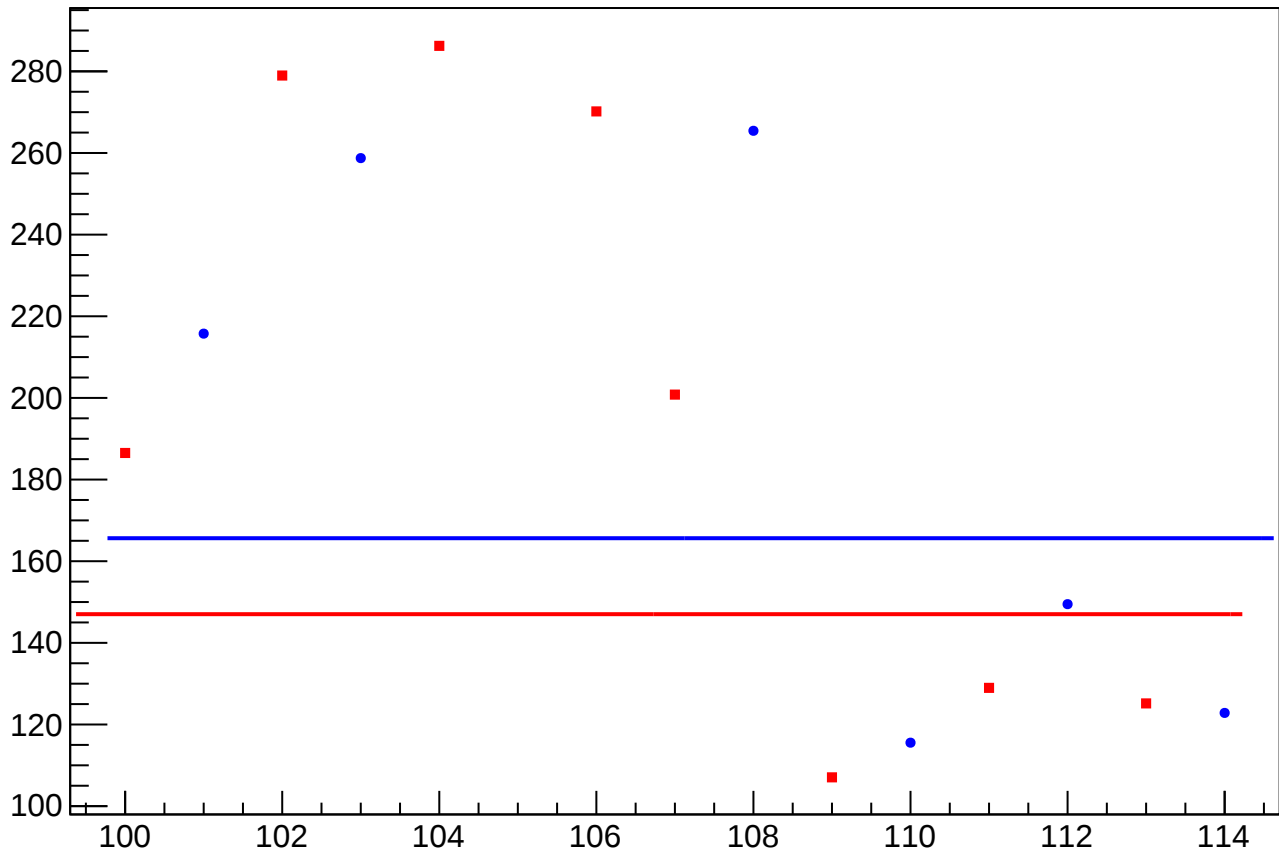
Right: 102.889 $\pm$ 71.001 χ^2 /NDF: 2.9/13

In: 122.003 $\pm$ 112.700 χ^2 /NDF:1.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 102.889 $\pm$ 71.001 χ^2 /NDF: 2.9/13

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 165.633+/-0.080 χ^2/NDF : 472039.9/5

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

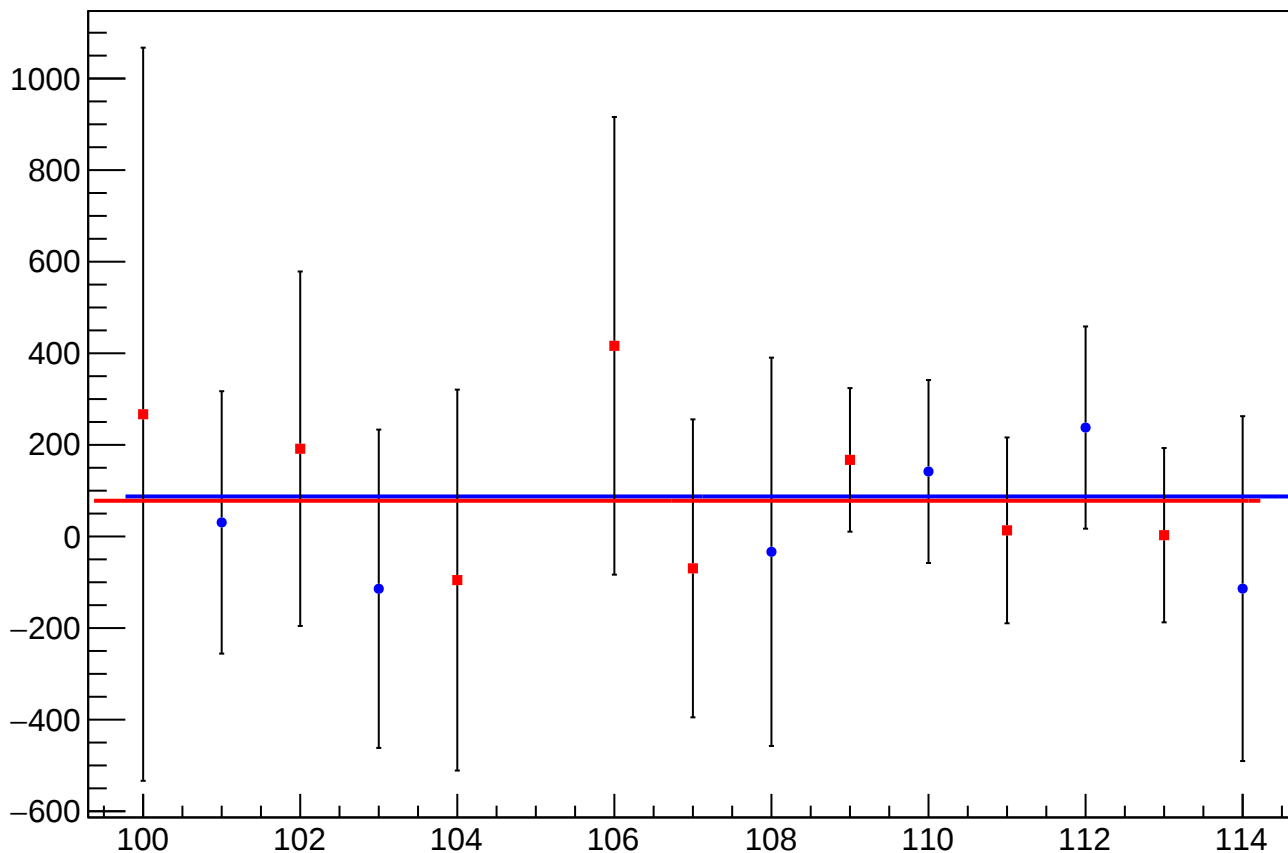
Right: 154.410+/-0.050 χ^2/NDF : 1304381.4/13

In: 165.633+/-0.080 χ^2/NDF : 472039.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.410+/-0.050 χ^2/NDF : 1304381.4/13

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 87.367+/-112.767 χ^2/NDF : 1.3/5

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

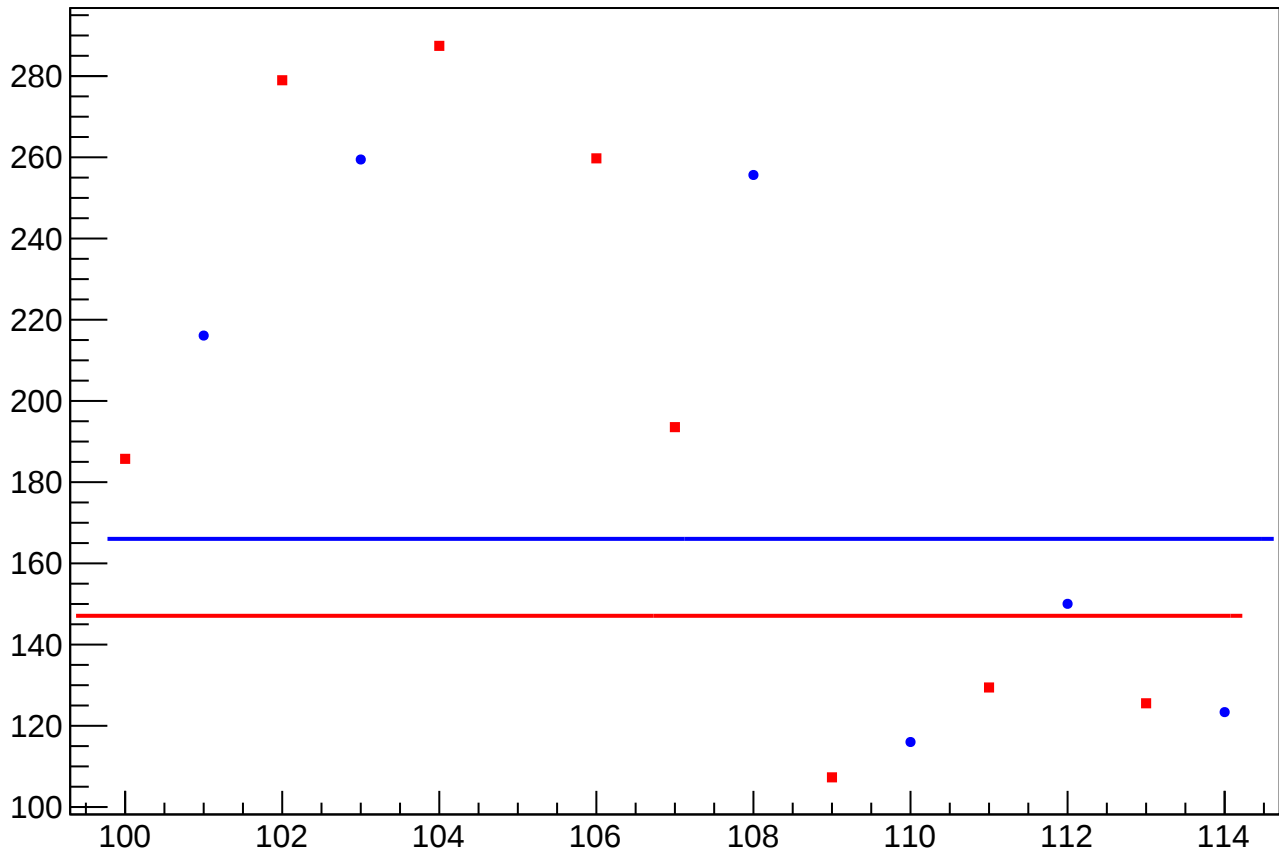
Right: 81.693+/-70.942 χ^2/NDF : 2.8/13

In: 87.367+/-112.767 χ^2/NDF : 1.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.693+/-70.942 χ^2/NDF : 2.8/13

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 166.036+/-0.080 χ^2/NDF : 456482.1/5

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

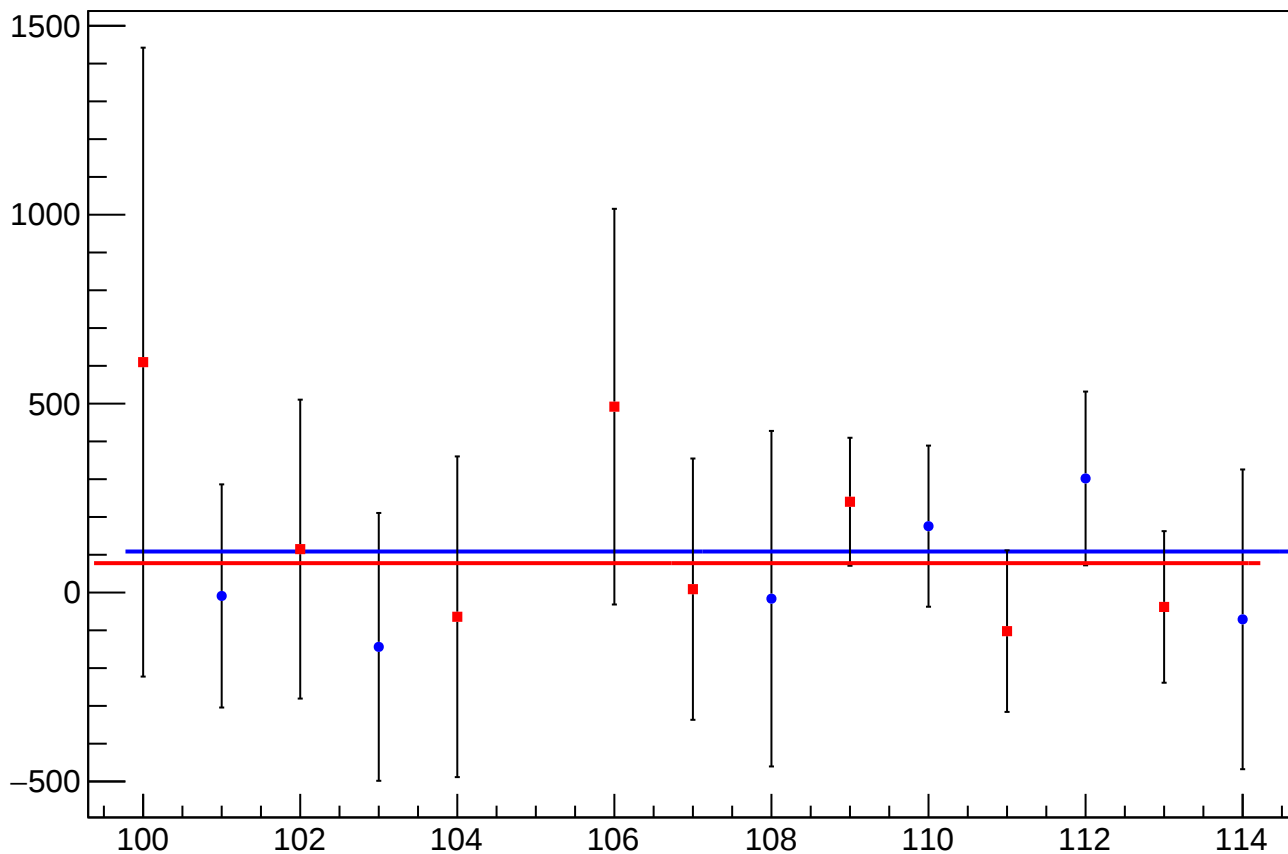
Right: 154.588+/-0.050 χ^2/NDF : 1267311.8/13

In: 166.036+/-0.080 χ^2/NDF : 456482.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.588+/-0.050 χ^2/NDF : 1267311.8/13

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 108.618 $\pm$ 118.046 χ^2 /NDF: 1.8/5

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

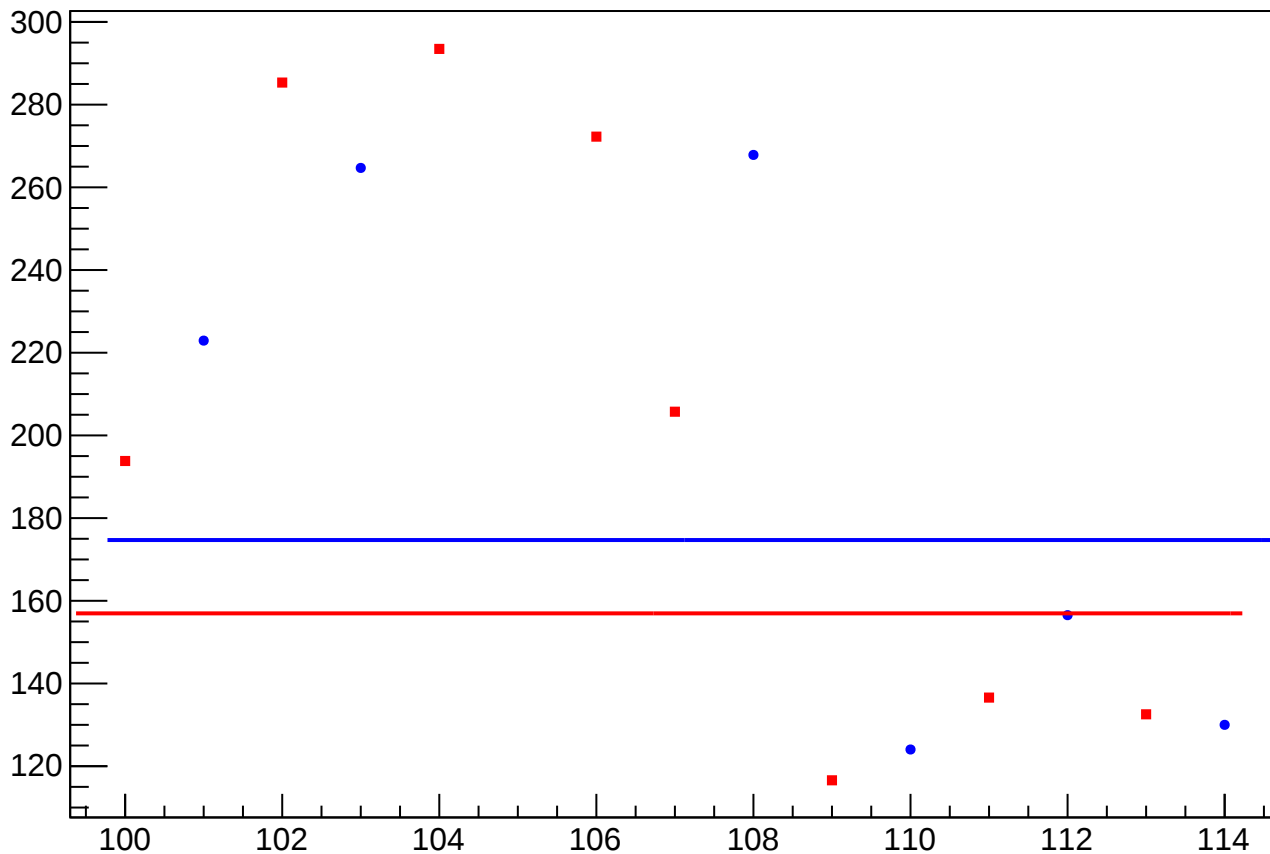
Right: 90.160 $\pm$ 74.794 χ^2 /NDF: 5.0/13

In: 108.618 $\pm$ 118.046 χ^2 /NDF:1.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 90.160 $\pm$ 74.794 χ^2 /NDF: 5.0/13

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 174.697+/-0.083 χ^2/NDF : 421072.5/5

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

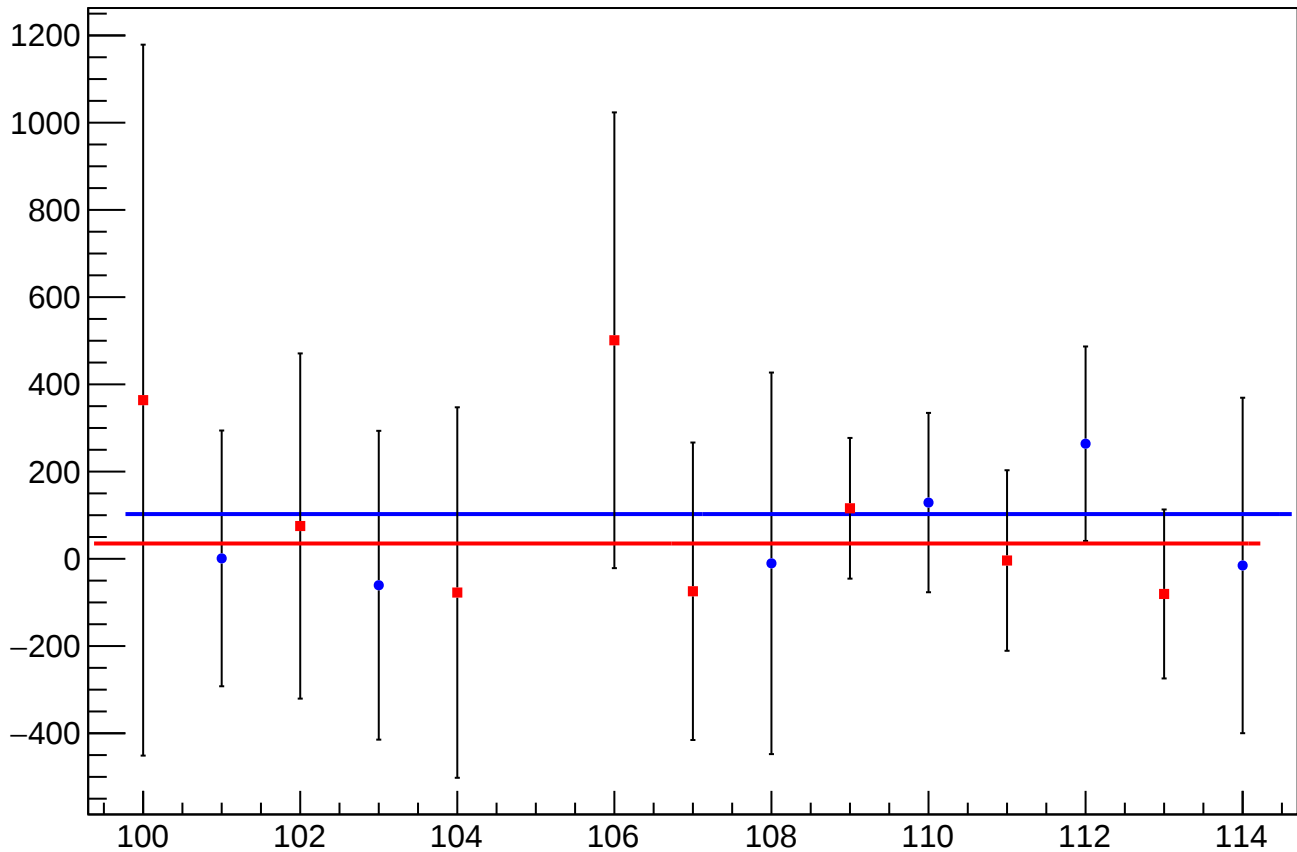
Right: 164.081+/-0.053 χ^2/NDF : 1167809.7/13

In: 174.697+/-0.083 χ^2/NDF : 421072.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.081+/-0.053 χ^2/NDF : 1167809.7/13

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 102.572+/-115.184 χ^2/NDF : 1.0/5

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

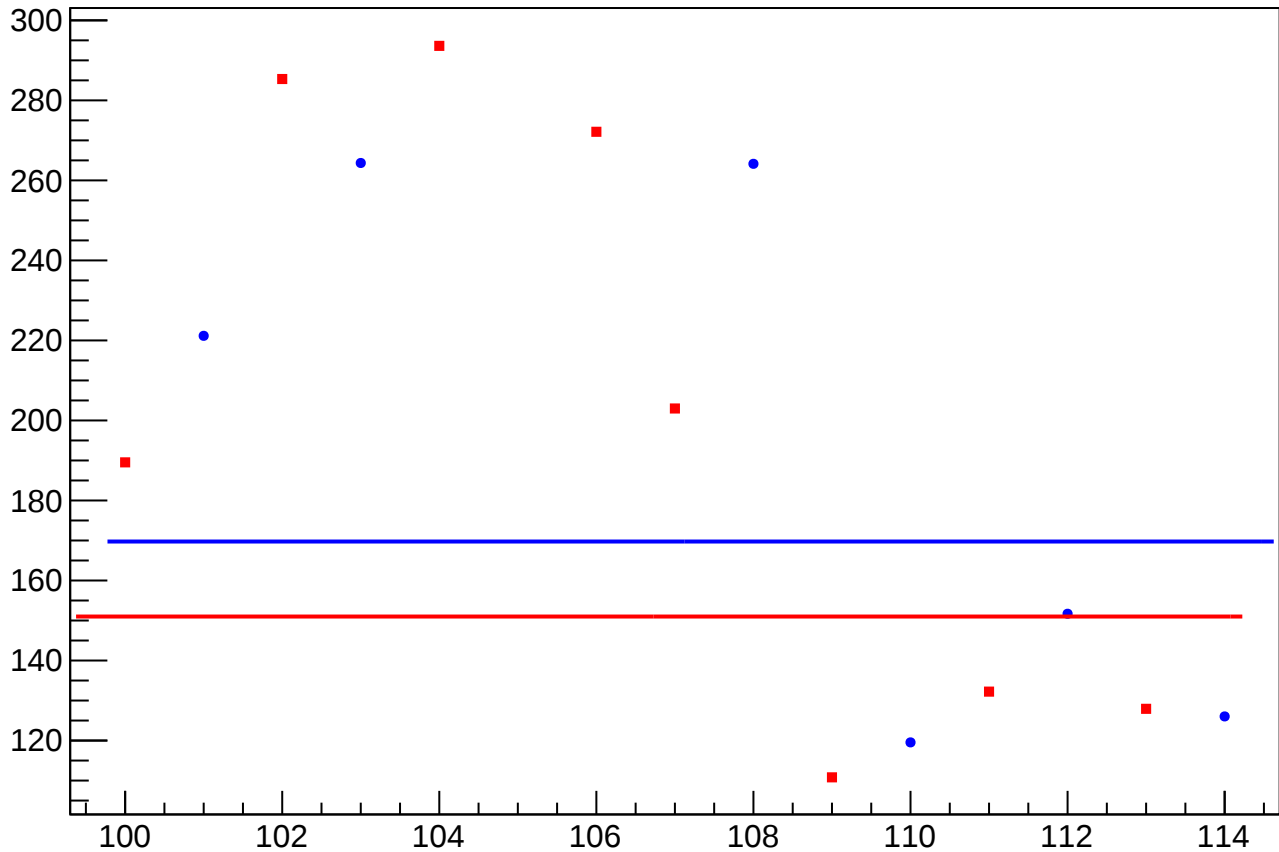
Right: 61.951+/-72.645 χ^2/NDF : 3.0/13

In: 102.572+/-115.184 χ^2/NDF : 1.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.951+/-72.645 χ^2/NDF : 3.0/13

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 169.743+/-0.081 χ^2/NDF : 455651.6/5

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

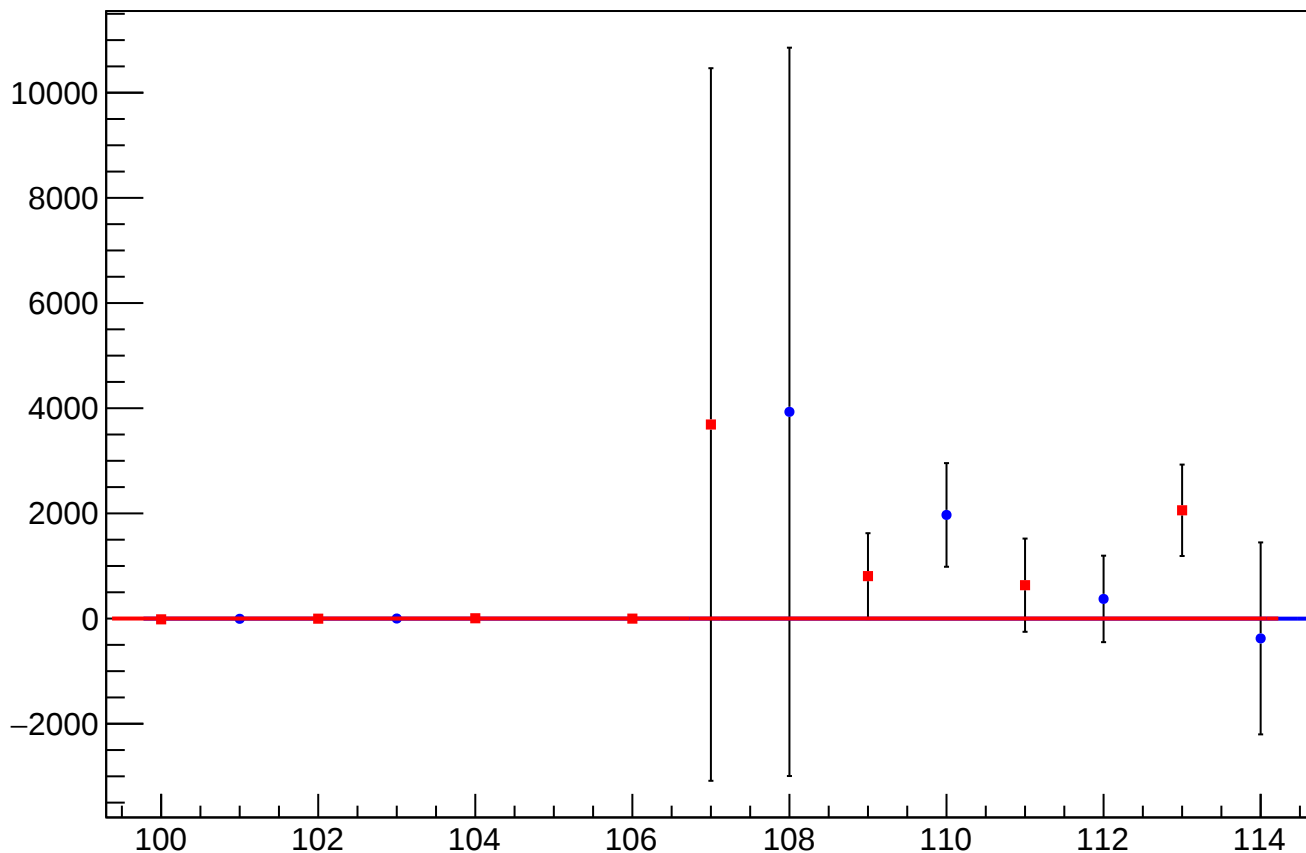
Right: 158.452+/-0.051 χ^2/NDF : 1270986.2/13

In: 169.743+/-0.081 χ^2/NDF : 455651.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.452+/-0.051 χ^2/NDF : 1270986.2/13

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.507+/-2.252 χ^2/NDF : 5.9/5

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

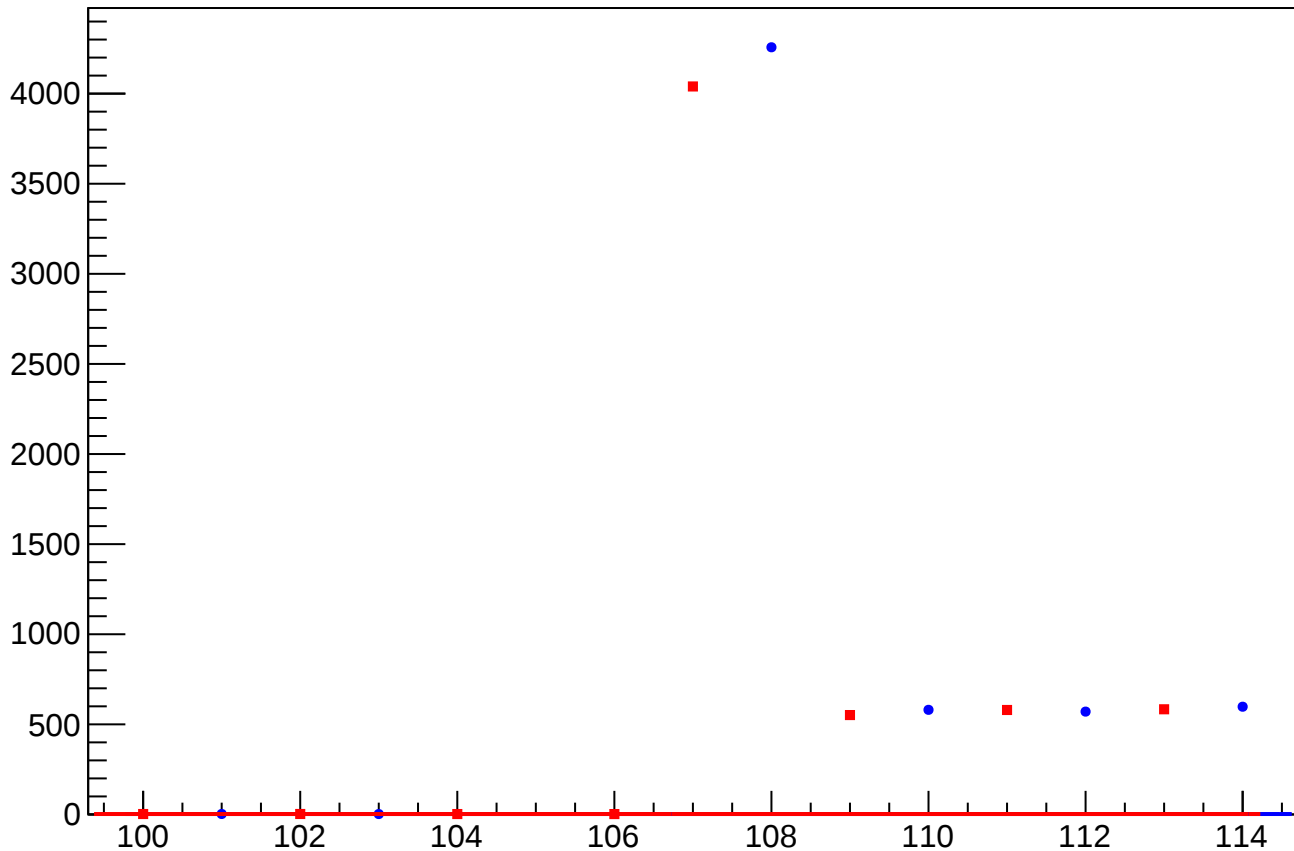
Right: -0.315+/-1.540 χ^2/NDF : 19.7/13

In: -1.507+/-2.252 χ^2/NDF : 5.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.315+/-1.540 χ^2/NDF : 19.7/13

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.419+/-0.002 χ^2/NDF : 2624684.8/5

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

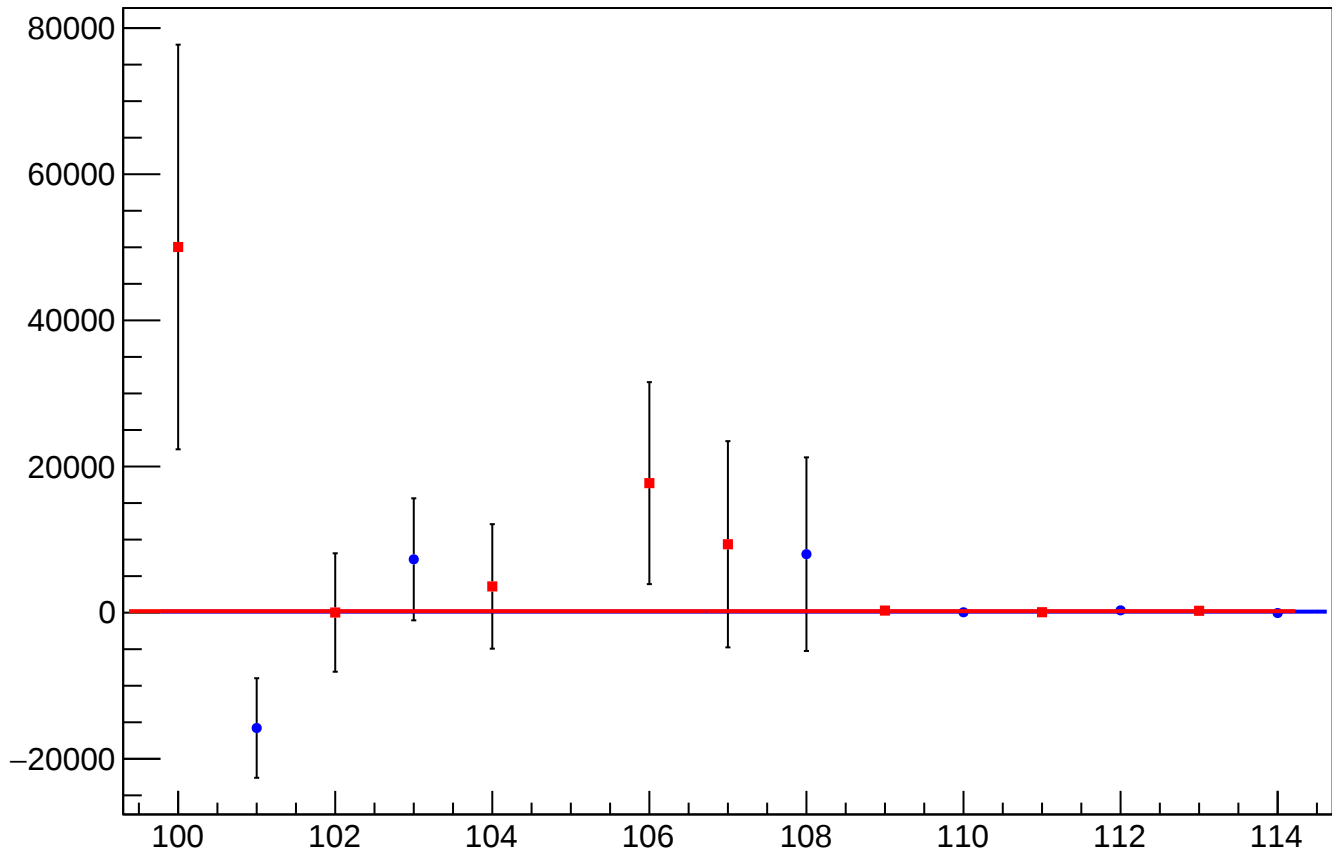
Right: 2.412+/-0.001 χ^2/NDF : 5995028.9/13

In: 2.419+/-0.002 χ^2/NDF : 2624684.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.412+/-0.001 χ^2/NDF : 5995028.9/13

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 141.334+/-143.464 χ^2/NDF : 7.6/5

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

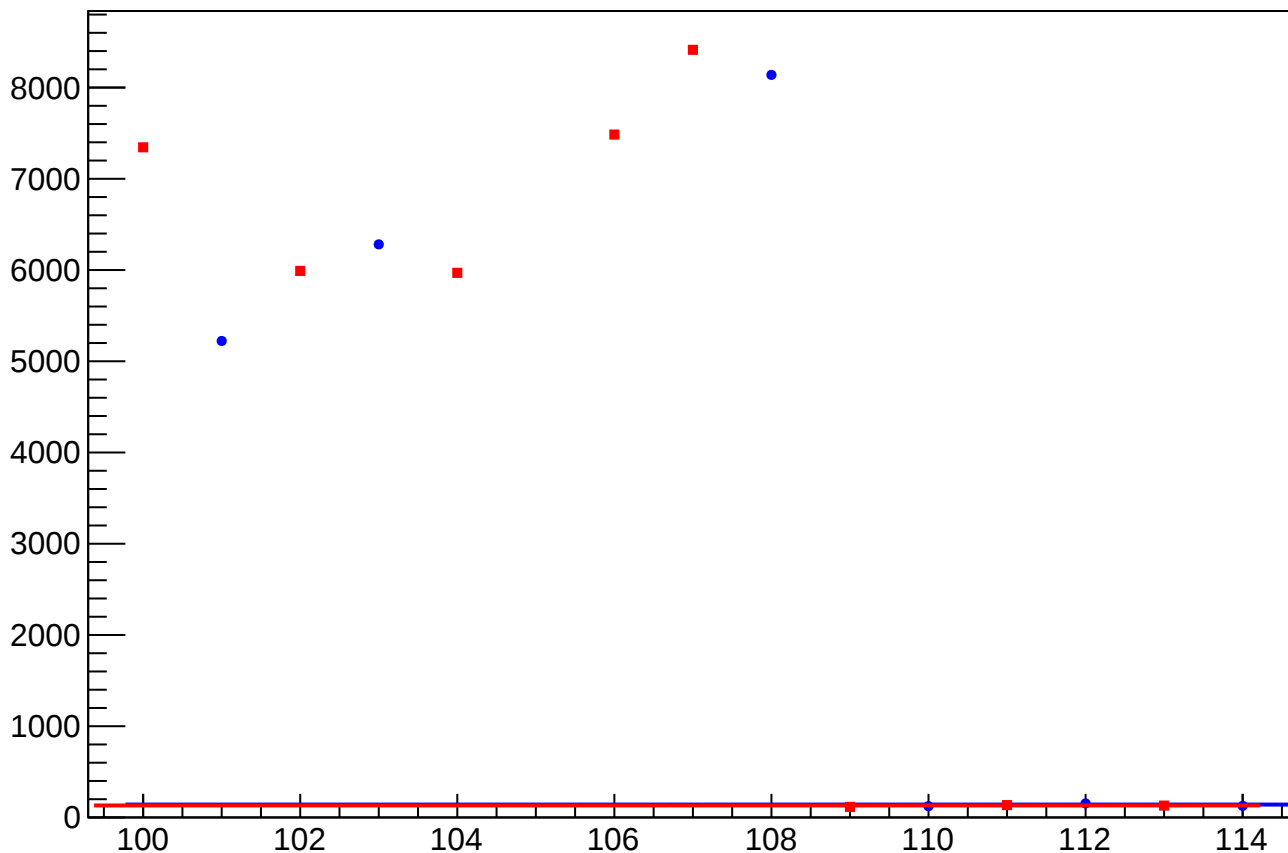
Right: 176.998+/-93.075 χ^2/NDF : 13.8/13

In: 141.334+/-143.464 χ^2/NDF : 7.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.998+/-93.075 χ^2/NDF : 13.8/13

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 141.181+/-0.101 χ^2/NDF : 2945732.5/5

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

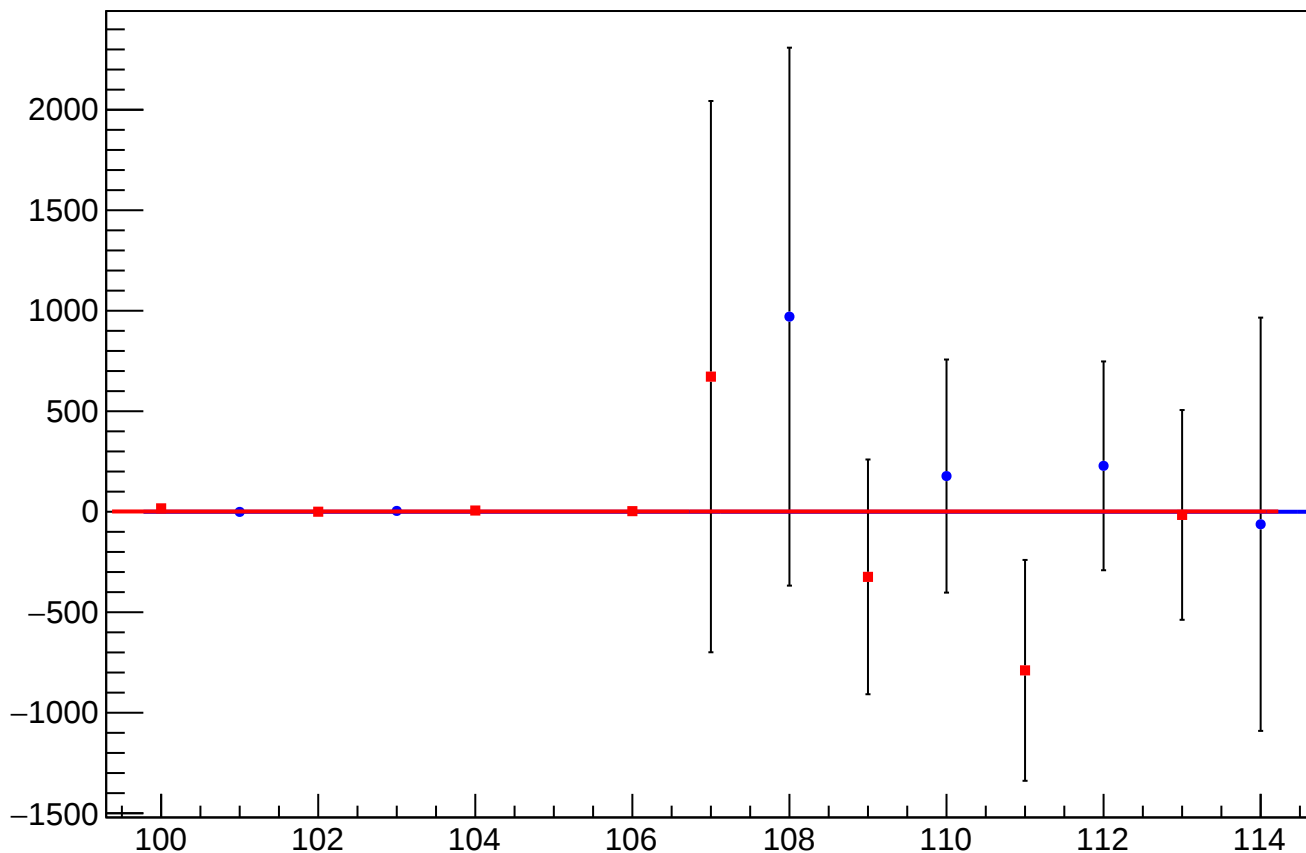
Right: 135.610+/-0.066 χ^2/NDF : 6336770.4/13

In: 141.181+/-0.101 χ^2/NDF : 2945732.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.610+/-0.066 χ^2/NDF : 6336770.4/13

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.154 ± 1.737 χ^2/NDF : 1.7/5

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

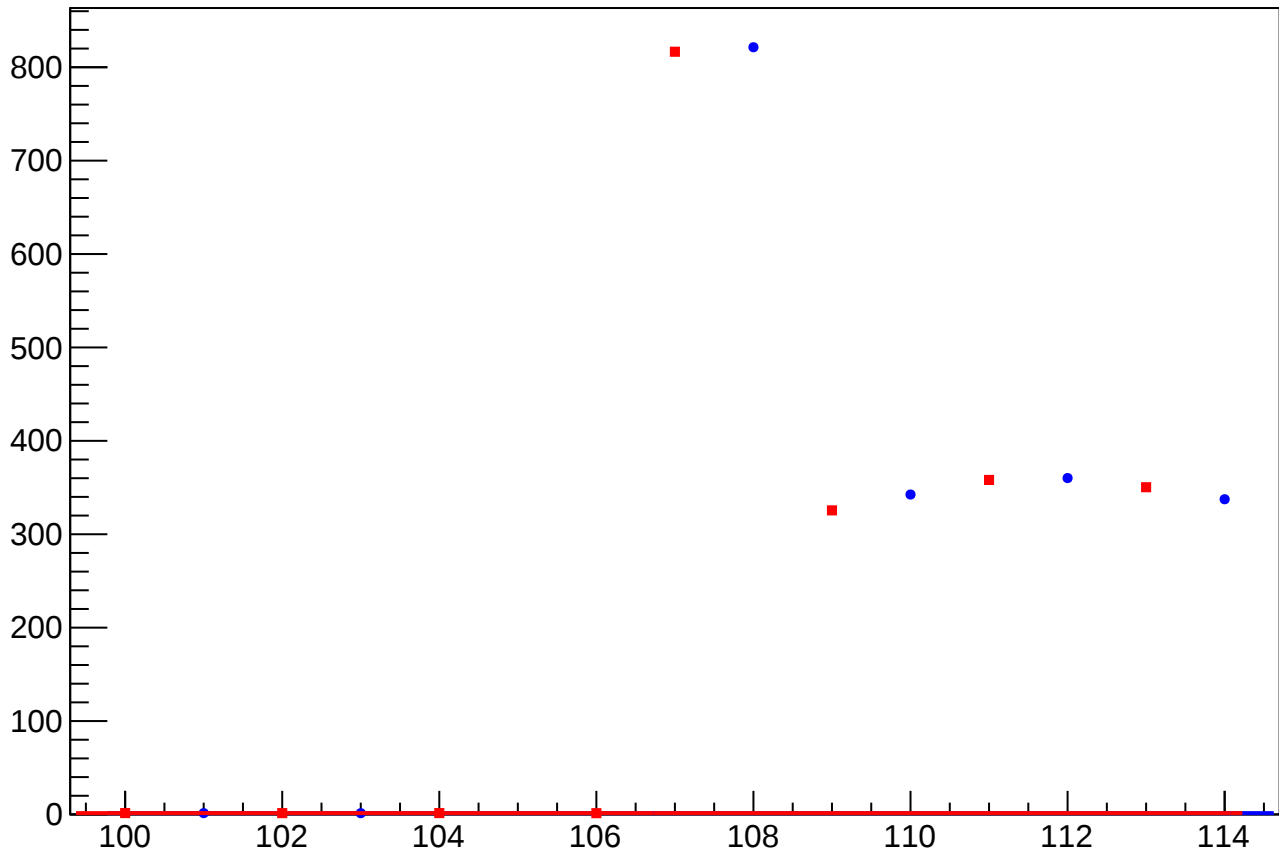
Right: 0.636 ± 1.186 χ^2/NDF : 7.4/13

In: -0.154 ± 1.737 χ^2/NDF : 1.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.636 ± 1.186 χ^2/NDF : 7.4/13

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.421+/-0.001 χ^2/NDF : 2611202.6/5

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

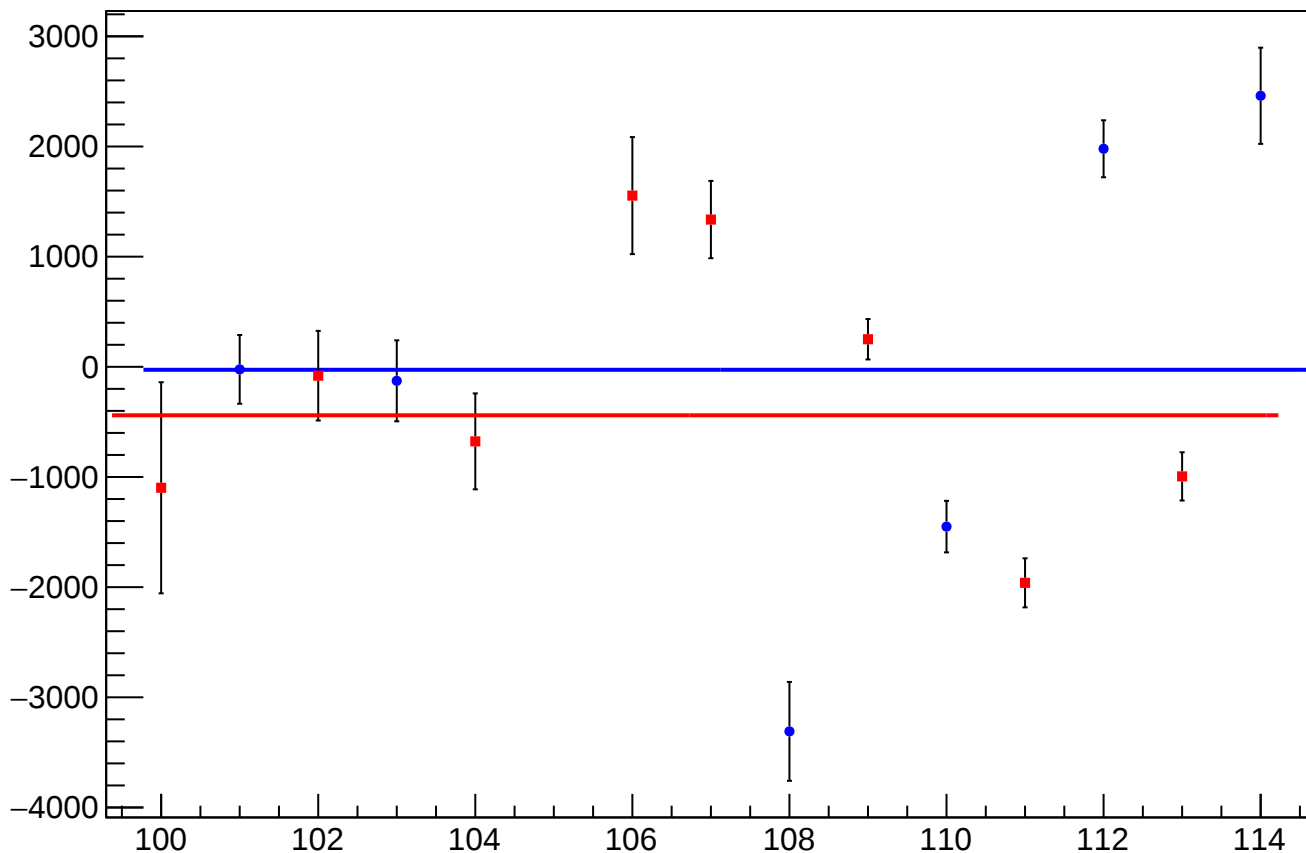
Right: 1.423+/-0.001 χ^2/NDF : 5672069.6/13

In: 1.421+/-0.001 χ^2/NDF :2611202.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.423+/-0.001 χ^2/NDF : 5672069.6/13

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: -26.917 ± 127.936 $\chi^2/\text{NDF}: 183.2/5$

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

Right Out: -439.952 ± 102.700 $\chi^2/\text{NDF}: 108.5/7$

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

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

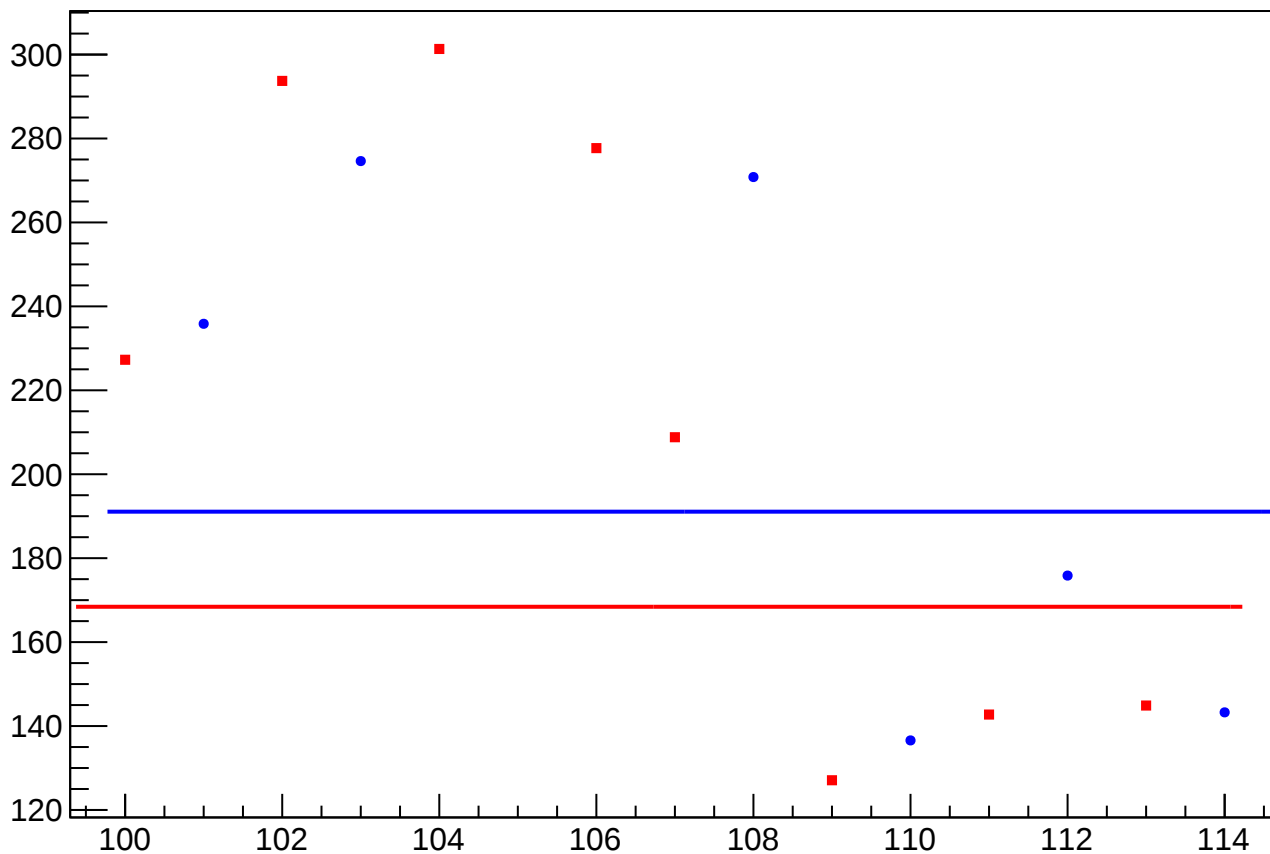
Right: -278.094 ± 80.088 $\chi^2/\text{NDF}: 298.1/13$

In: -26.917 ± 127.936 $\chi^2/\text{NDF}: 183.2/5$

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

All: -278.094 ± 80.088 $\chi^2/\text{NDF}: 298.1/13$

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 191.081+/-0.090 χ^2/NDF : 347106.1/5

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

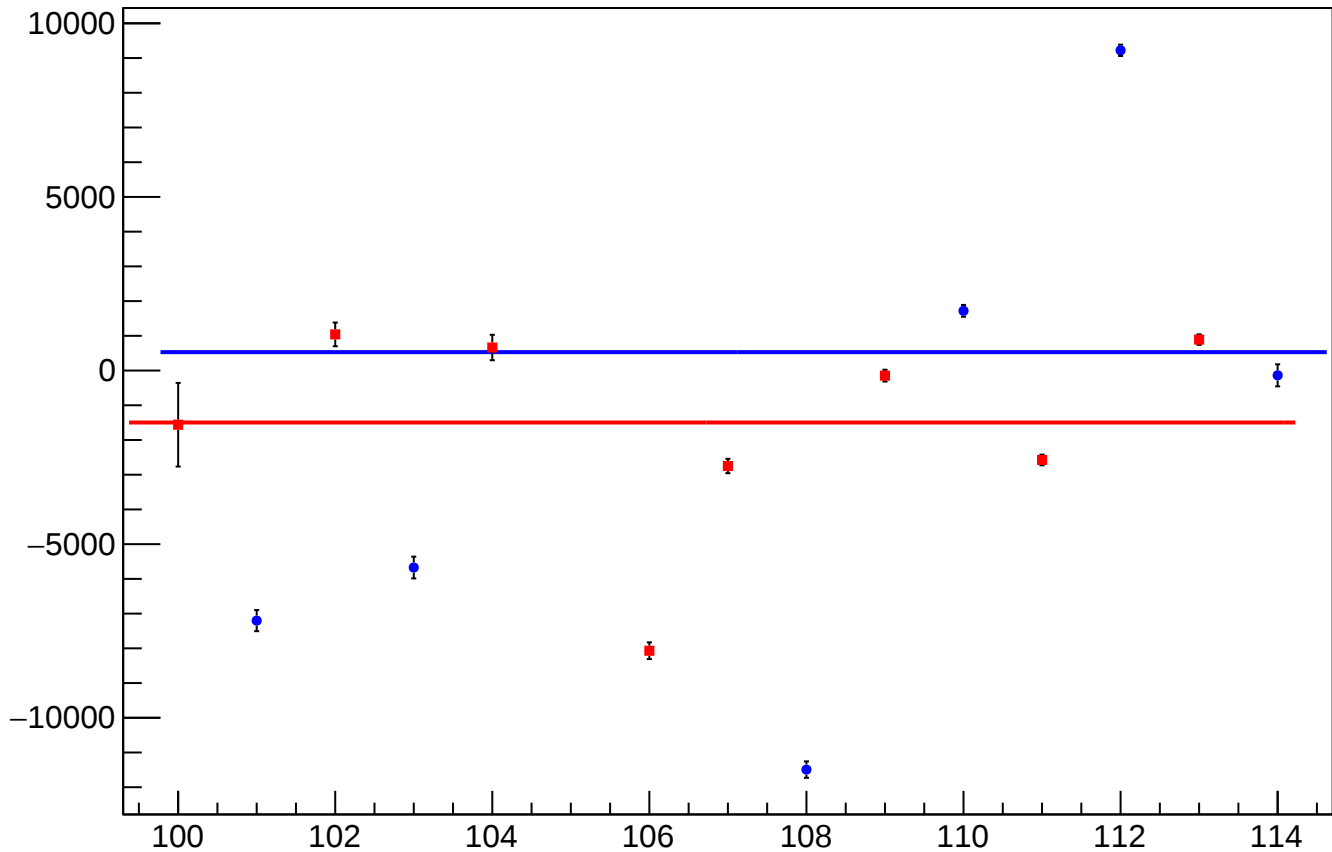
Right: 177.301+/-0.057 χ^2/NDF : 1031317.5/13

In: 191.081+/-0.090 χ^2/NDF : 347106.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.301+/-0.057 χ^2/NDF : 1031317.5/13

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 530.092 $\pm$ 90.799 χ^2 /NDF: 6529.1/5

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

Right Out: -1495.876 $\pm$ 74.928 χ^2 /NDF: 1233.2/7

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

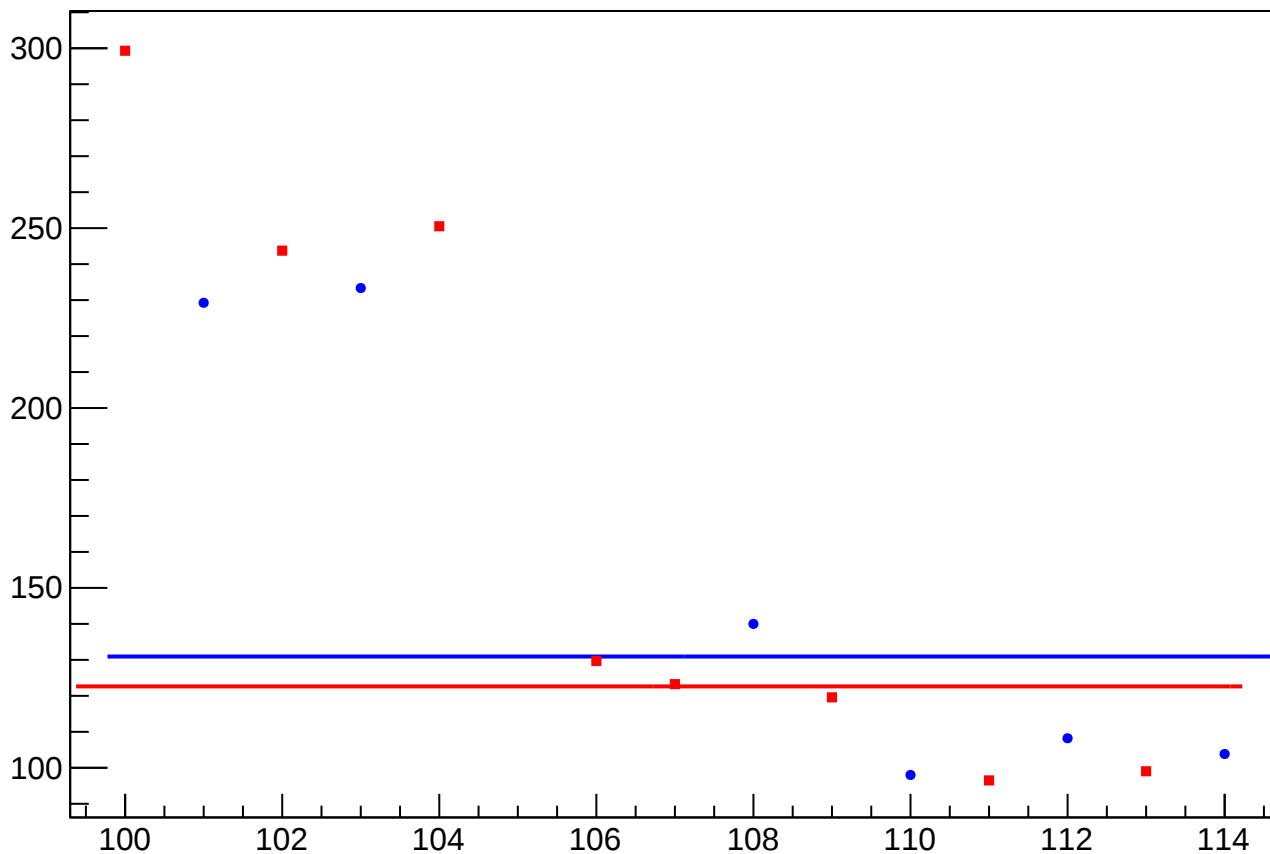
Right: -675.147 $\pm$ 57.792 χ^2 /NDF: 8058.5/13

In: 530.092 $\pm$ 90.799 χ^2 /NDF:6529.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -675.147 $\pm$ 57.792 χ^2 /NDF: 8058.5/13

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 130.930+/-0.064 χ^2/NDF : 554542.6/5

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

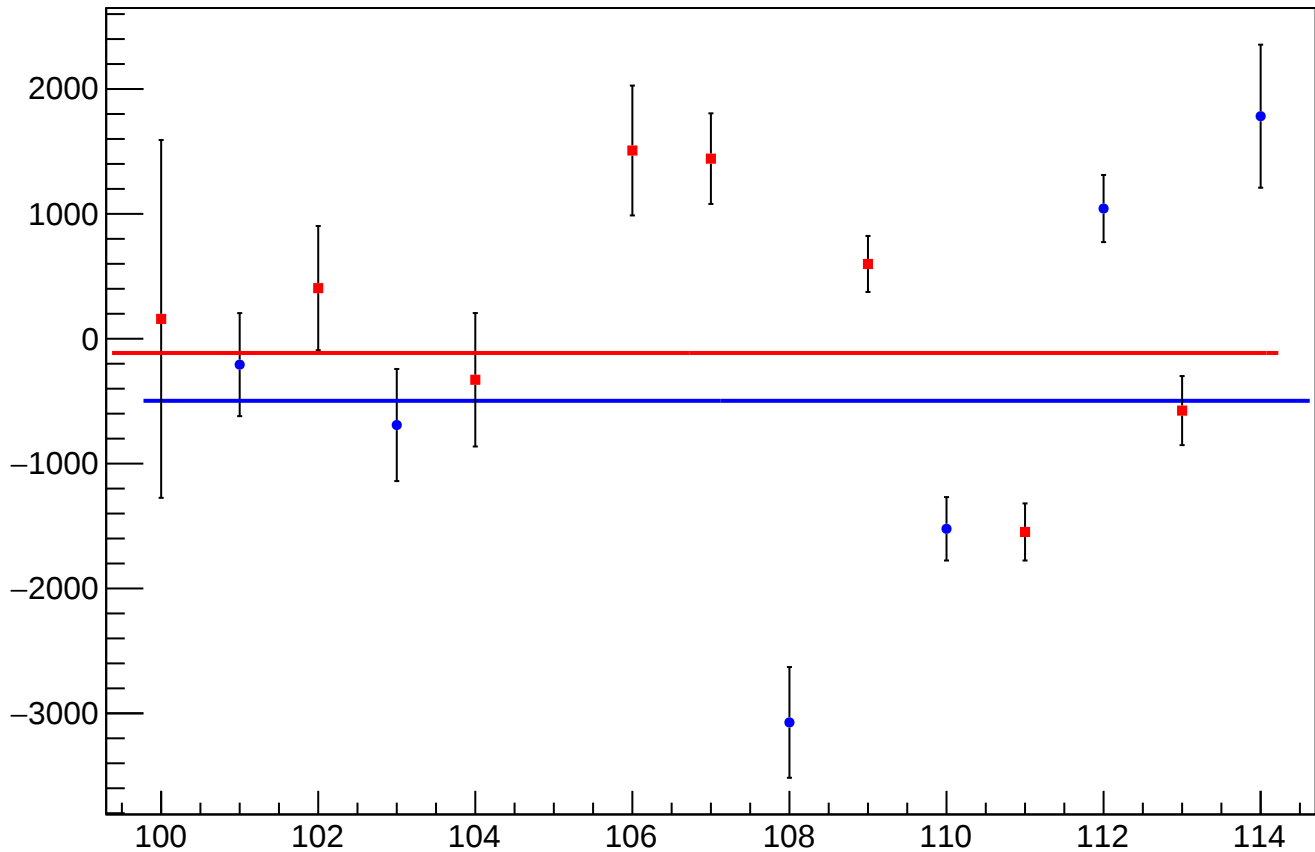
Right: 125.991+/-0.041 χ^2/NDF : 1212660.5/13

In: 130.930+/-0.064 χ^2/NDF : 554542.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.991+/-0.041 χ^2/NDF : 1212660.5/13

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -497.133+/-143.876 χ^2/NDF : 99.3/5

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

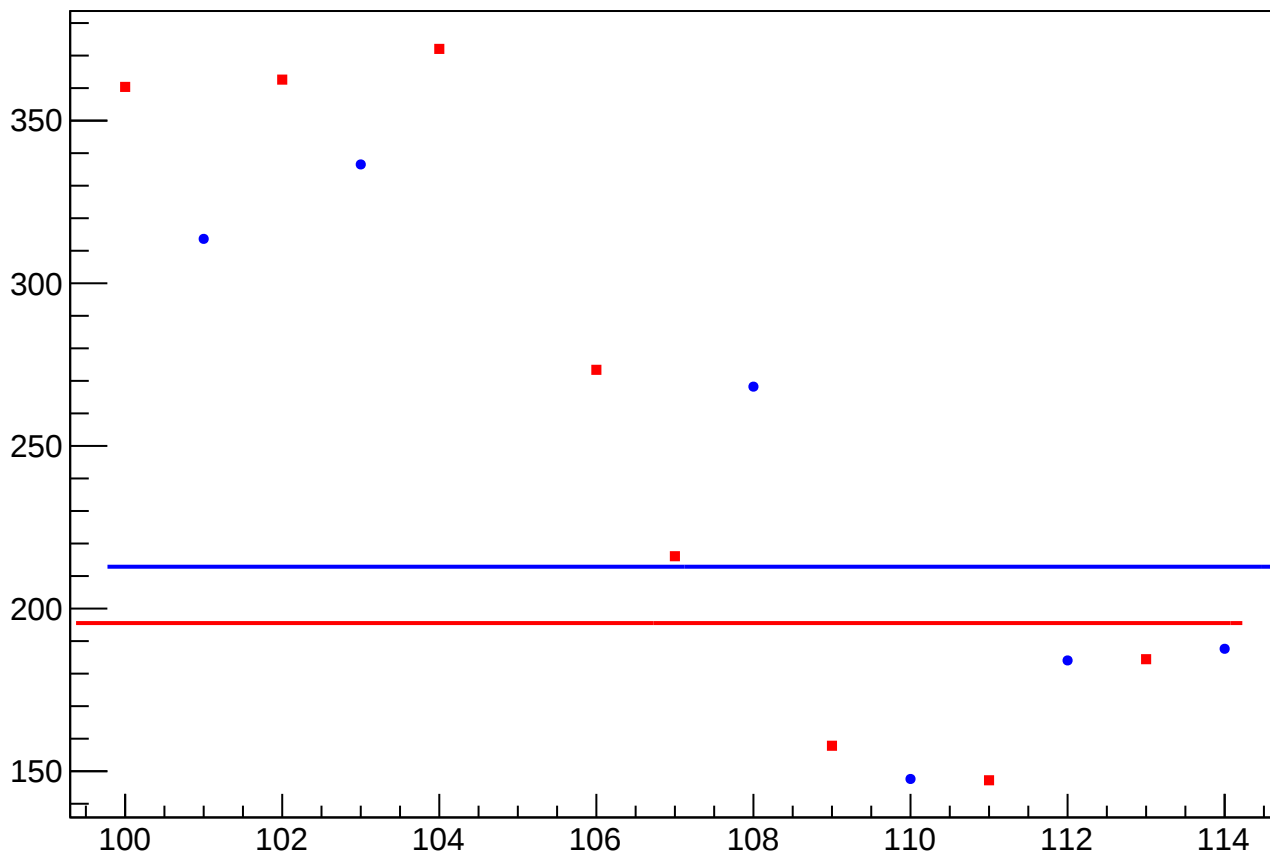
Right: -268.696+/-91.418 χ^2/NDF : 185.1/13

In: -497.133+/-143.876 χ^2/NDF : 99.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -268.696+/-91.418 χ^2/NDF : 185.1/13

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 212.867 $\pm$ 0.102 χ^2 /NDF: 461142.7/5

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

Right Out: 195.544 $\pm$ 0.084 χ^2 /NDF: 670419.7/7

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

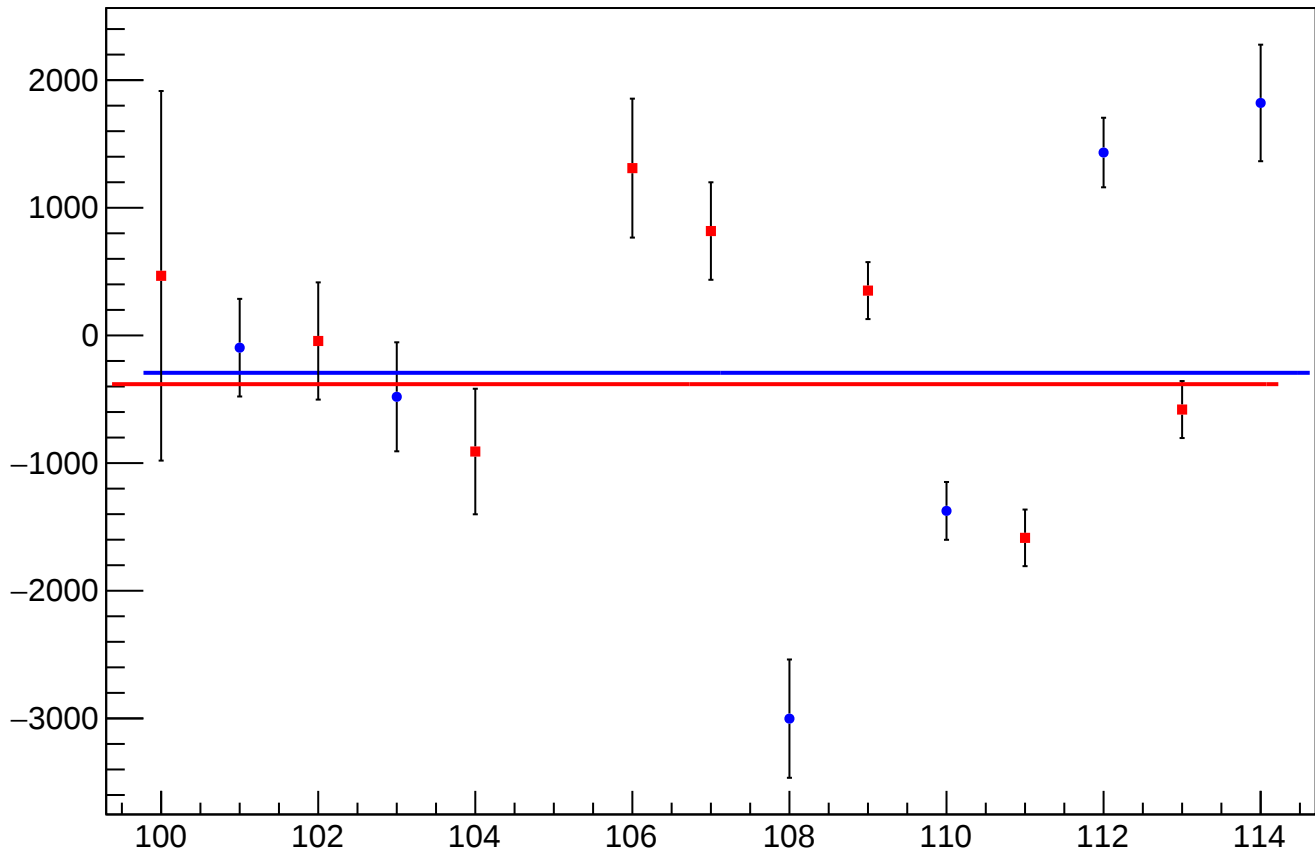
Right: 202.538 $\pm$ 0.065 χ^2 /NDF: 1148849.0/13

In: 212.867 $\pm$ 0.102 χ^2 /NDF:461142.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 202.538 $\pm$ 0.065 χ^2 /NDF: 1148849.0/13

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -292.738+/-135.149 χ^2/NDF : 119.0/5

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

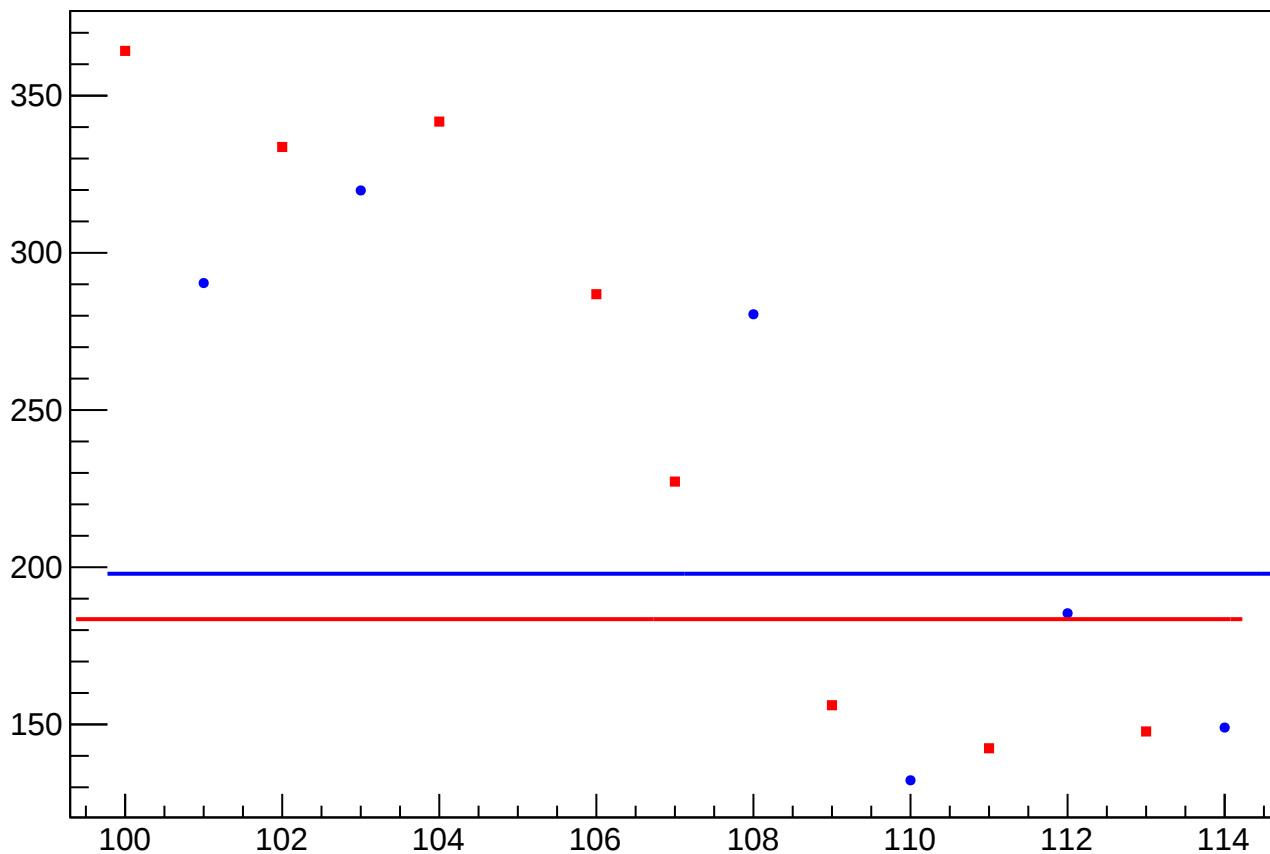
Right: -345.571+/-86.119 χ^2/NDF : 181.9/13

In: -292.738+/-135.149 χ^2/NDF : 119.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -345.571+/-86.119 χ^2/NDF : 181.9/13

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 197.932+/-0.096 χ^2/NDF : 539034.5/5

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

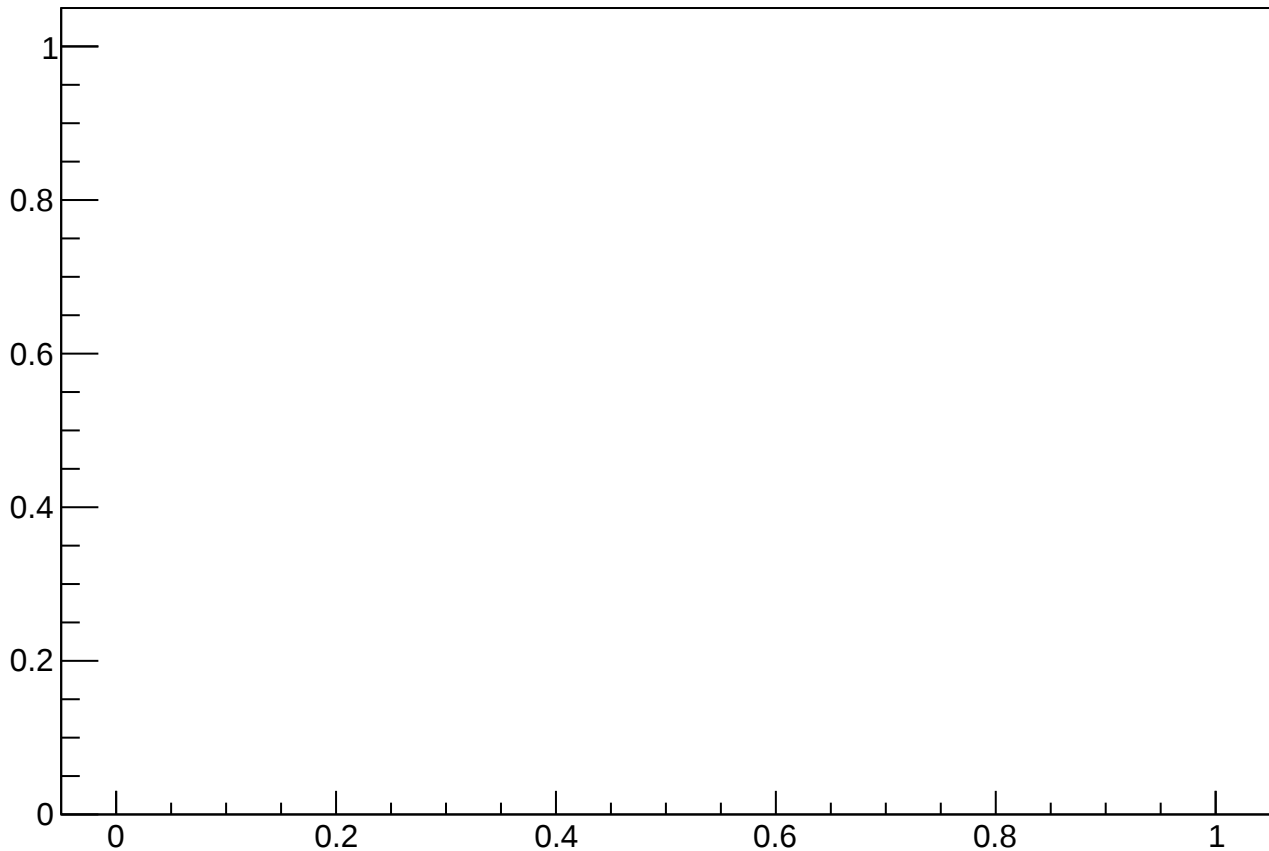
Right: 189.352+/-0.061 χ^2/NDF : 1253400.3/13

In: 197.932+/-0.096 χ^2/NDF : 539034.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.352+/-0.061 χ^2/NDF : 1253400.3/13

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

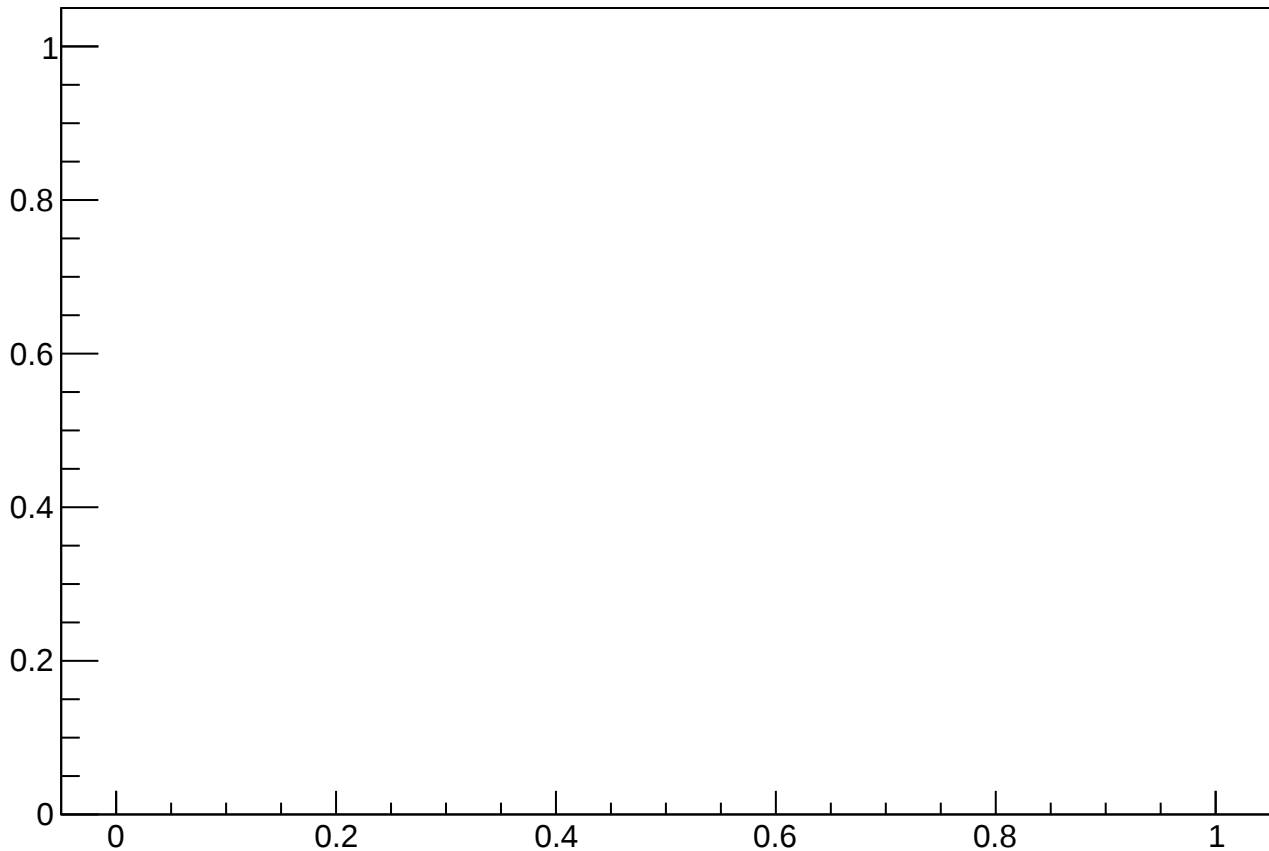
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

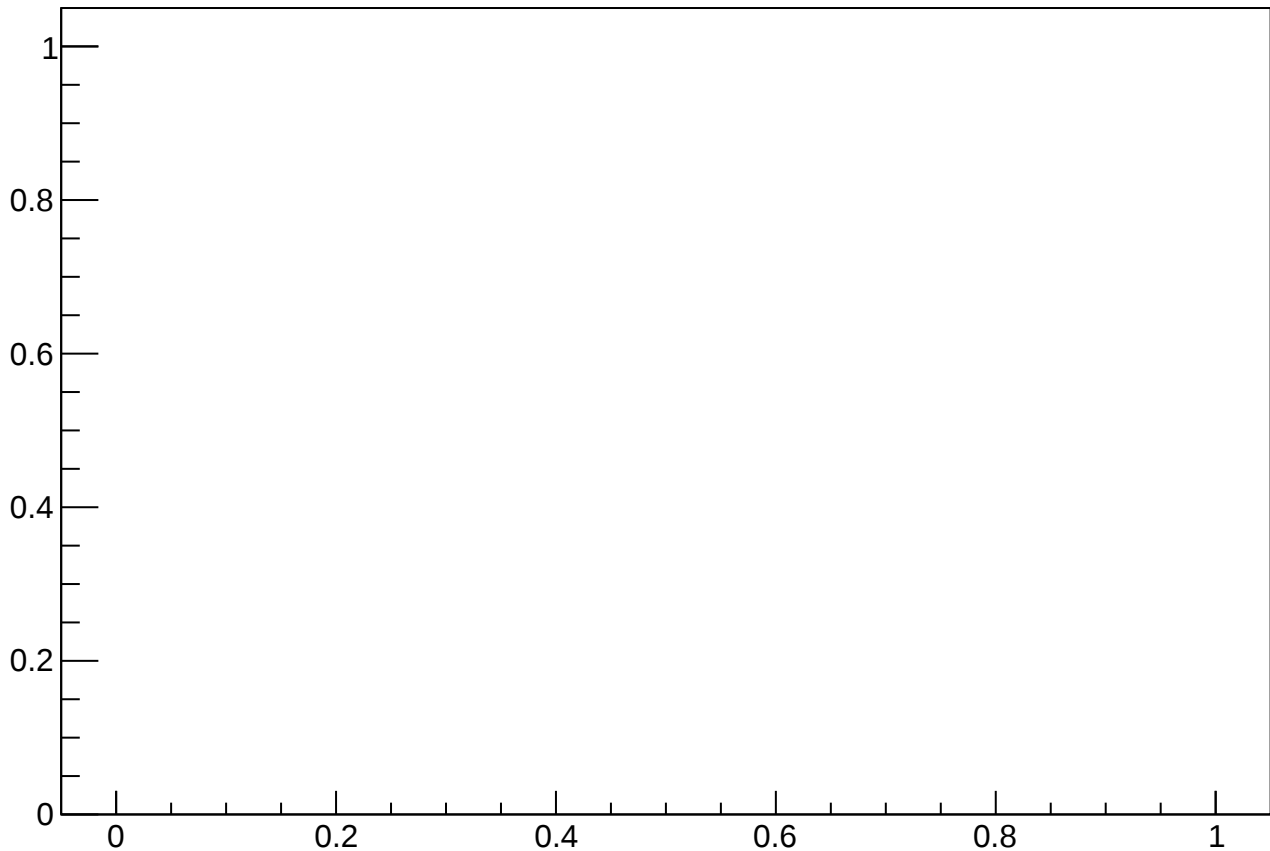
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

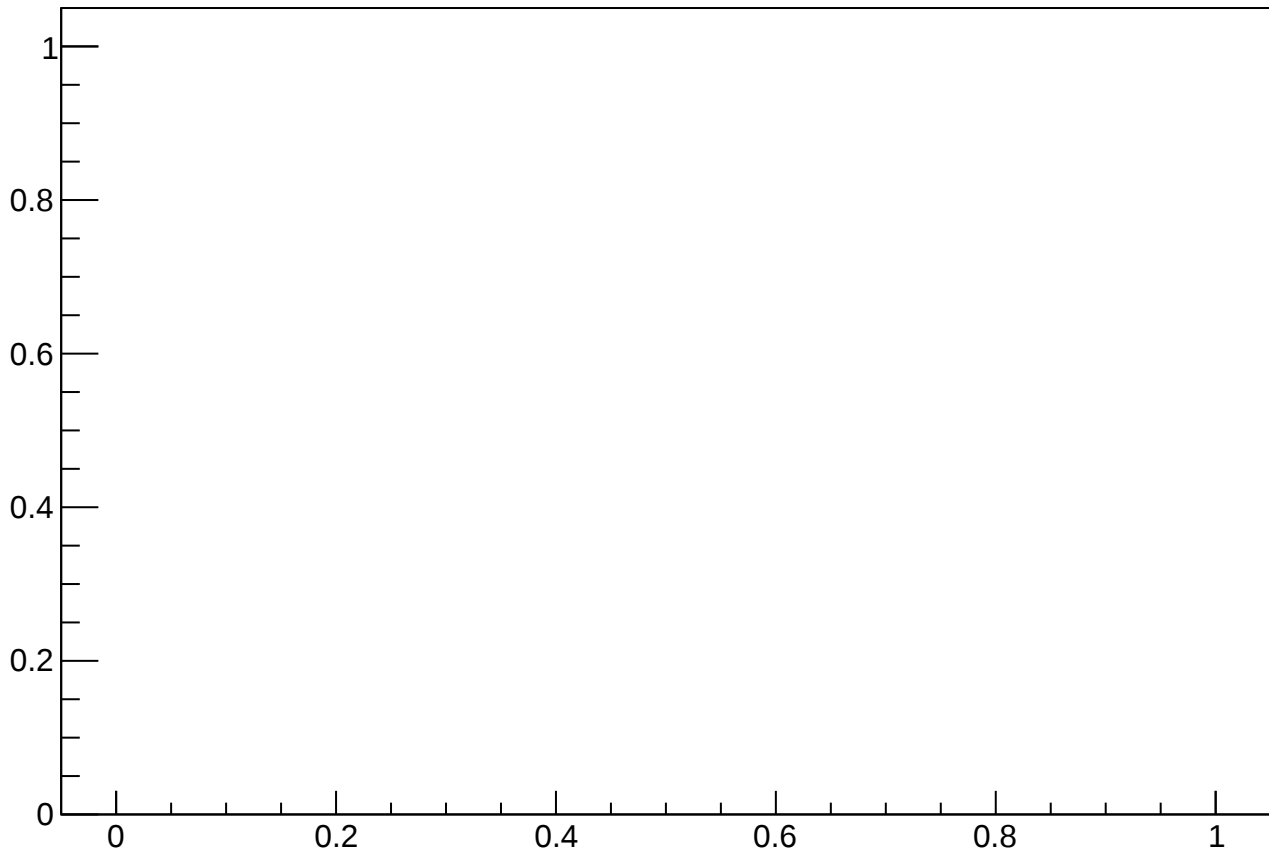
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

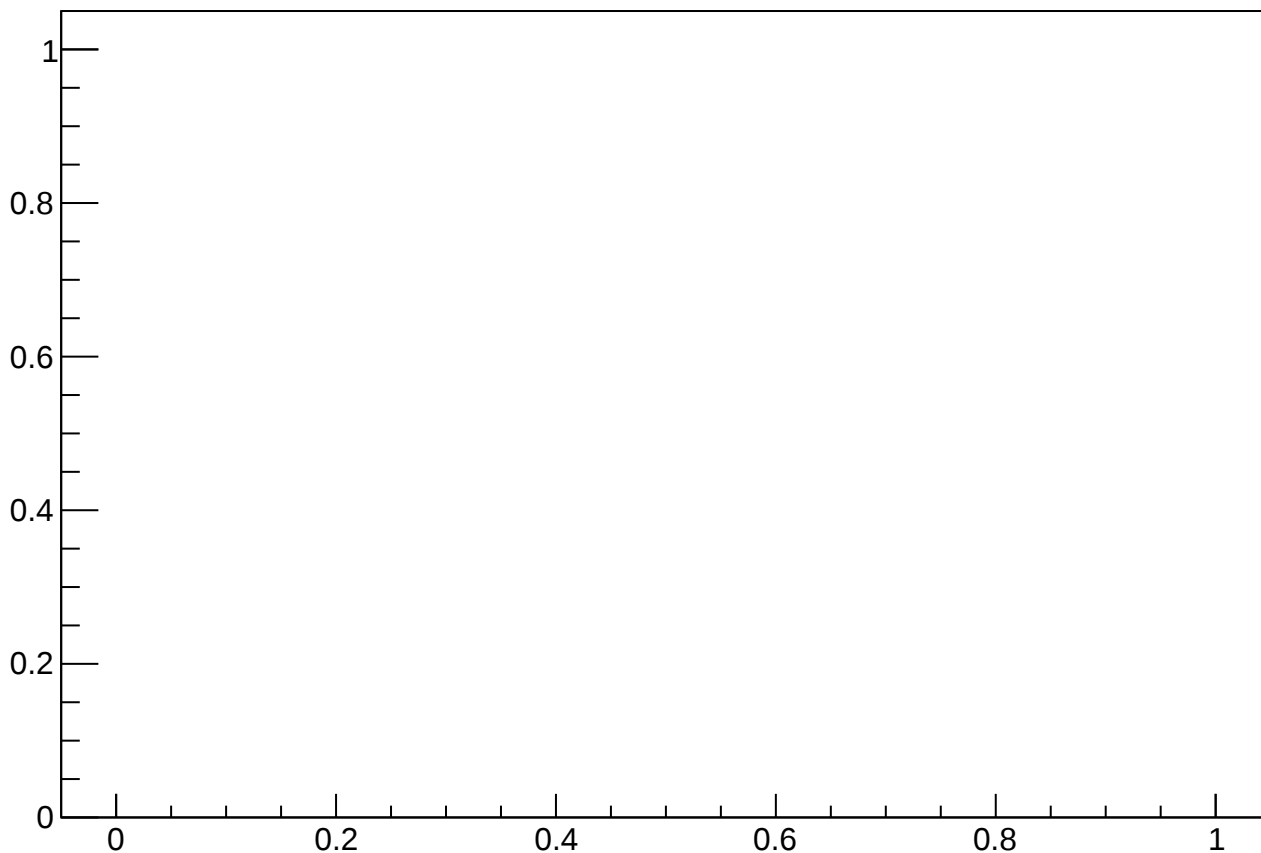
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

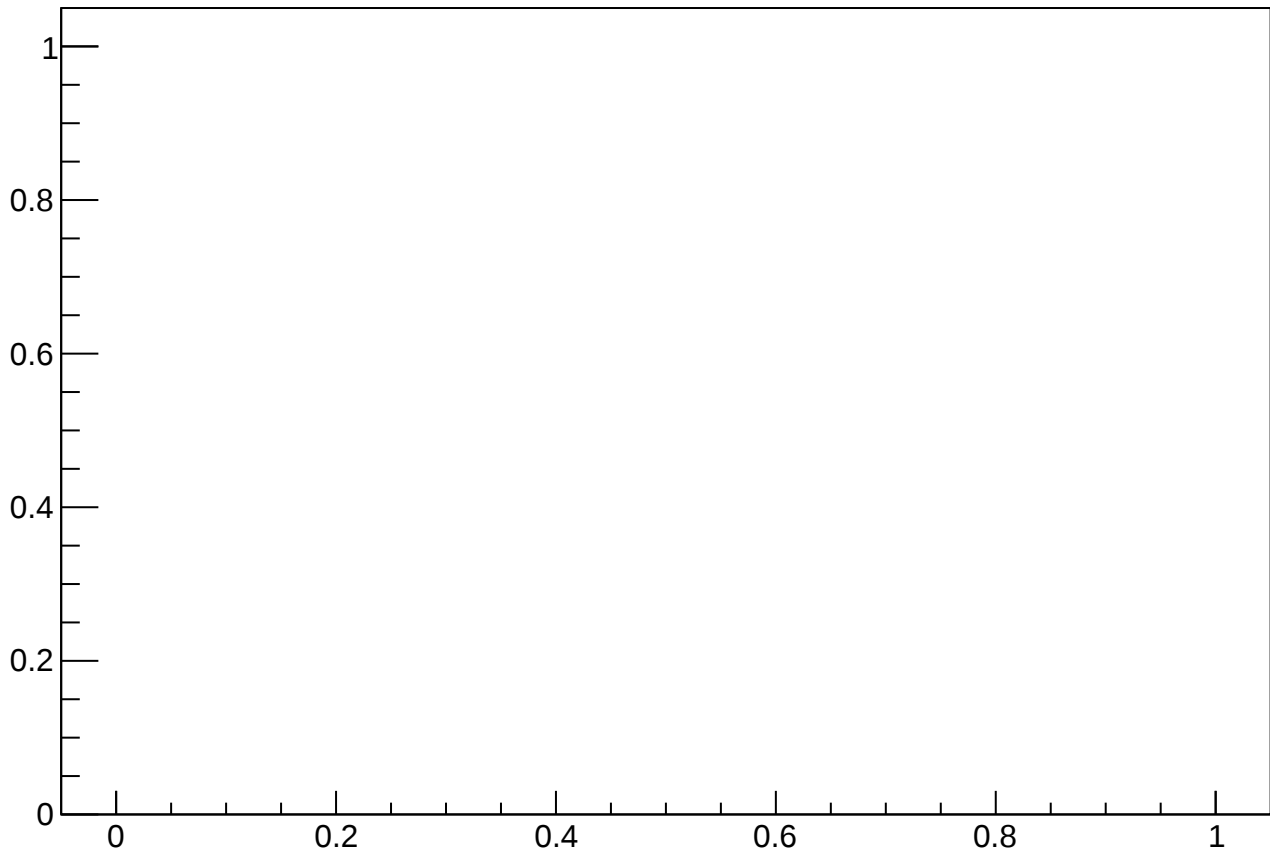
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

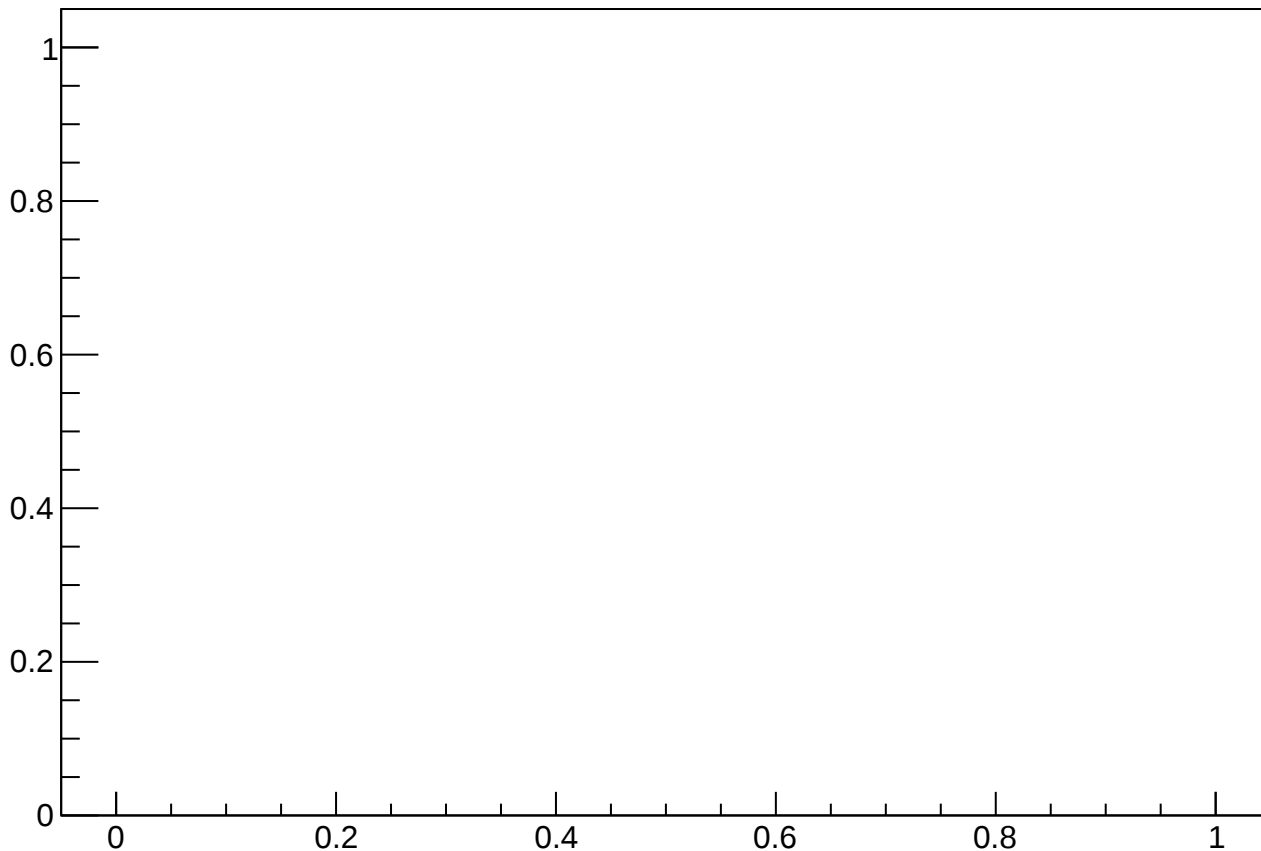
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

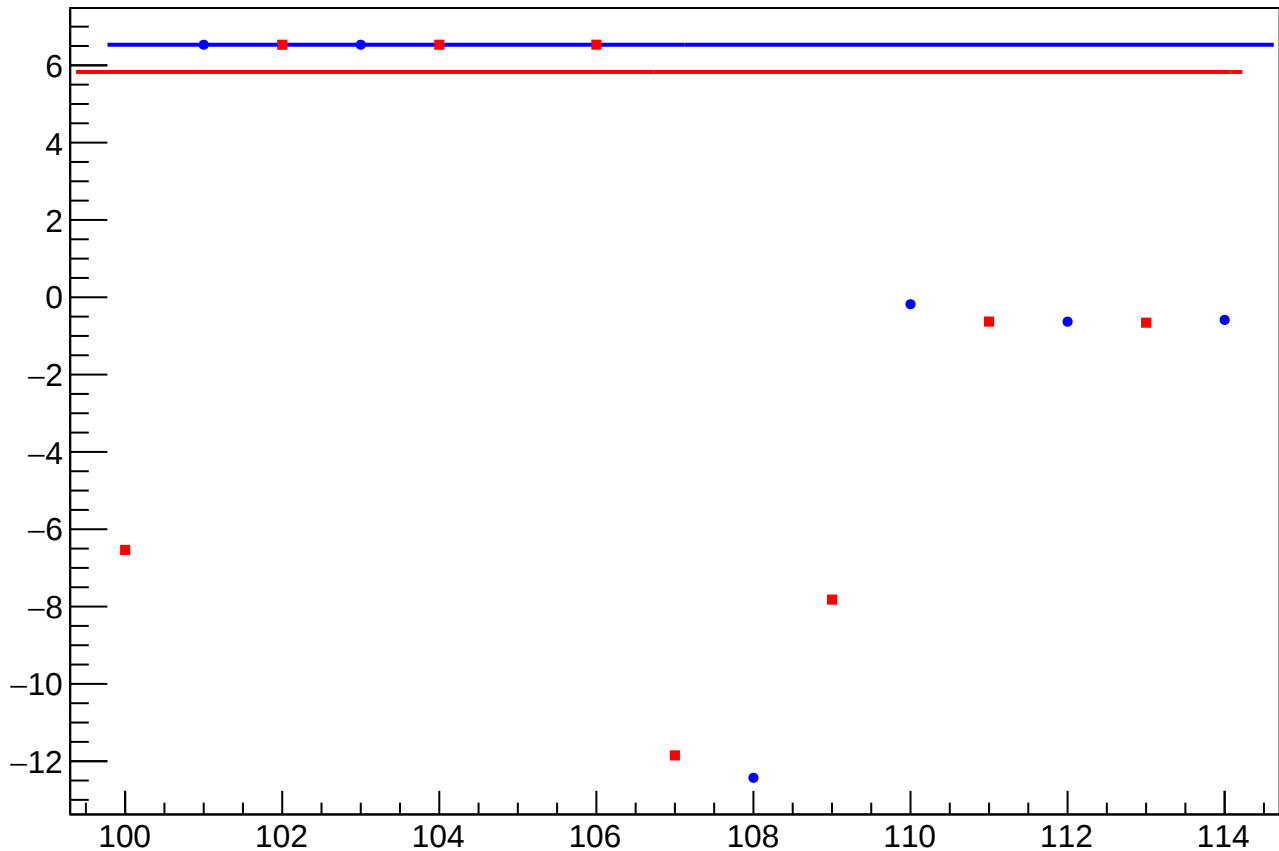
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 : 24982350099.7/5

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

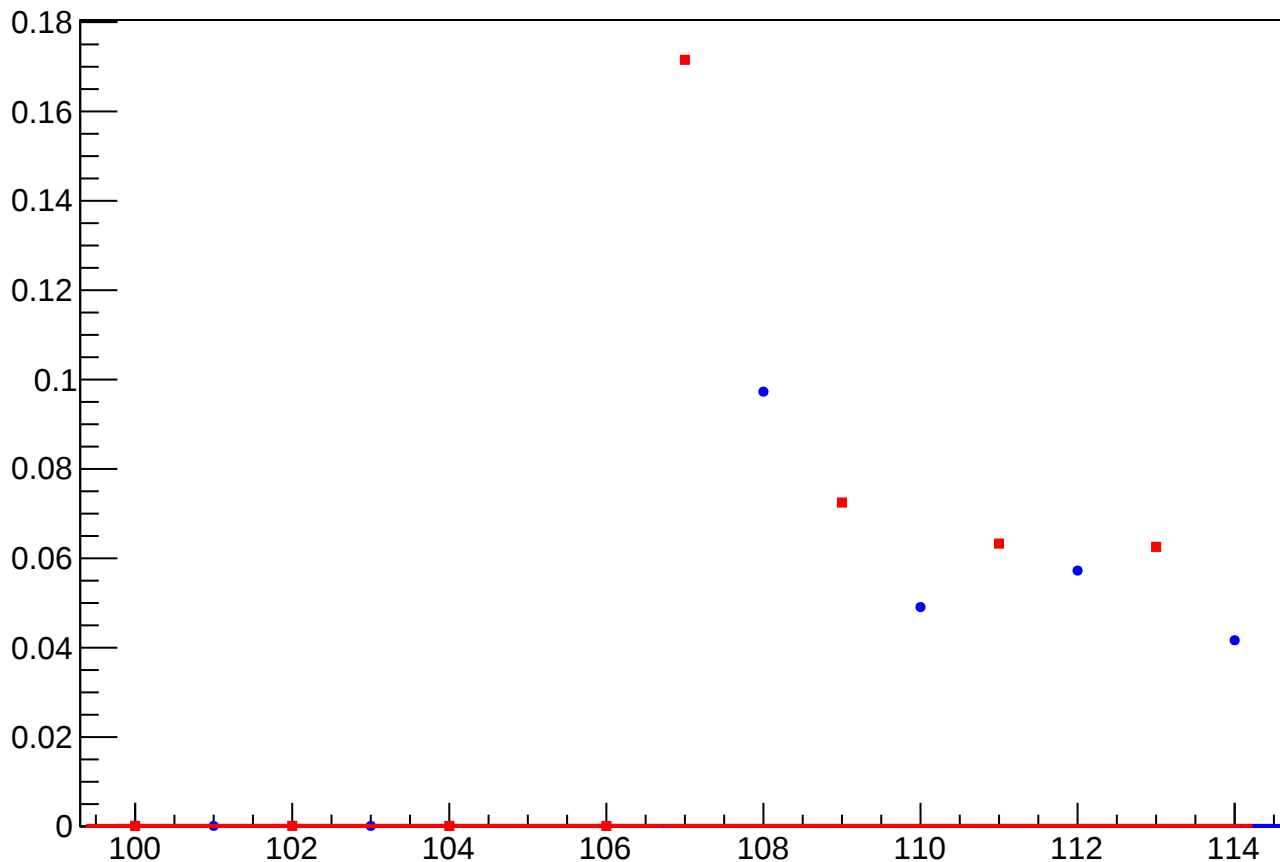
Right: 6.155+/-0.000 χ^2/NDF : 775907277258979.4/7

In: 6.532+/-0.000 χ^2/NDF : 24982350099.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.155+/-0.000 χ^2/NDF : 775907277258979.4/7

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2135775.0/5

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

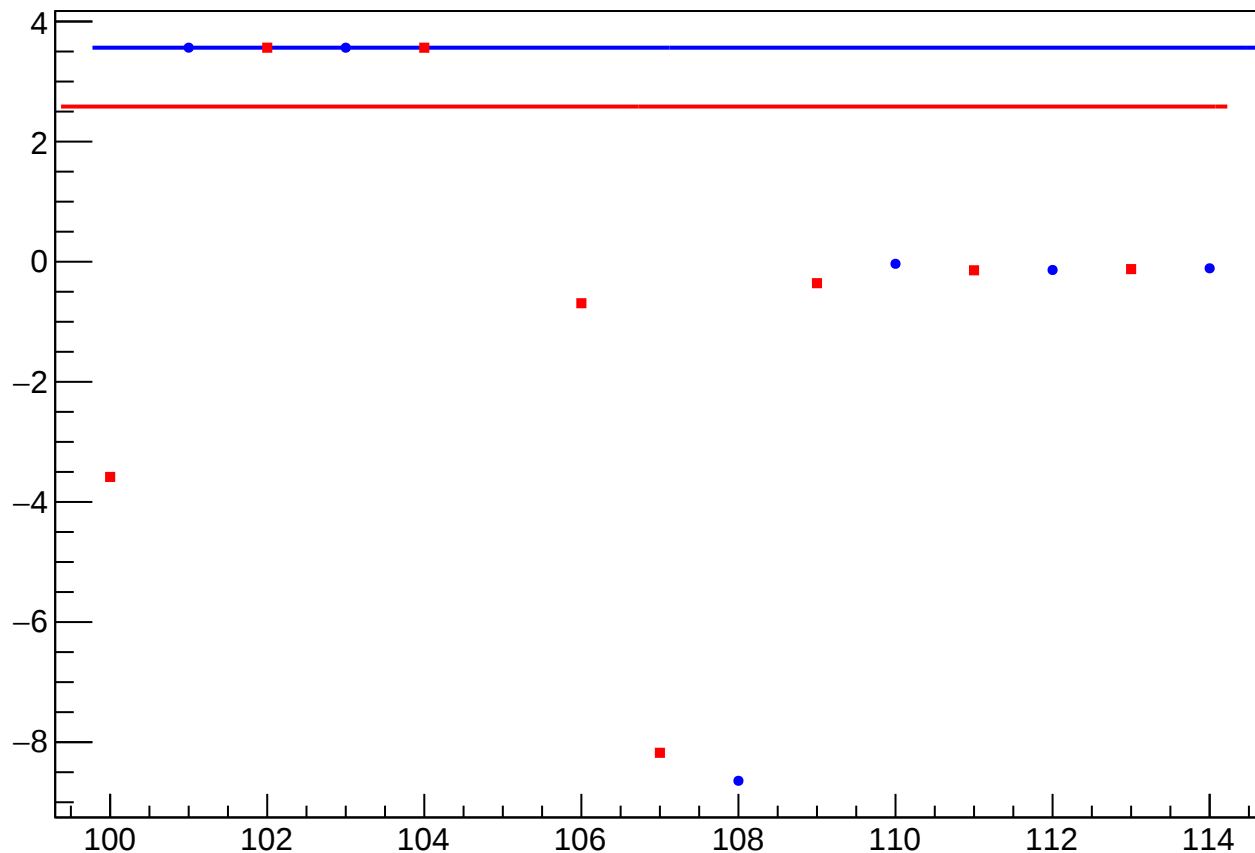
Right: 0.000+/-0.000 χ^2/NDF : 4911851.9/13

In: 0.000+/-0.000 χ^2/NDF :2135775.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4911851.9/13

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 3.564+/-0.000

χ^2/NDF : 20817047873.0/5

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 3.041+/-0.000

χ^2/NDF : 1381572522759060.0

Right Out: 2.584+/-0.000

χ^2/NDF : 1253249645171404.0/7

In: 3.564+/-0.000

χ^2/NDF : 20817047873.0/5

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

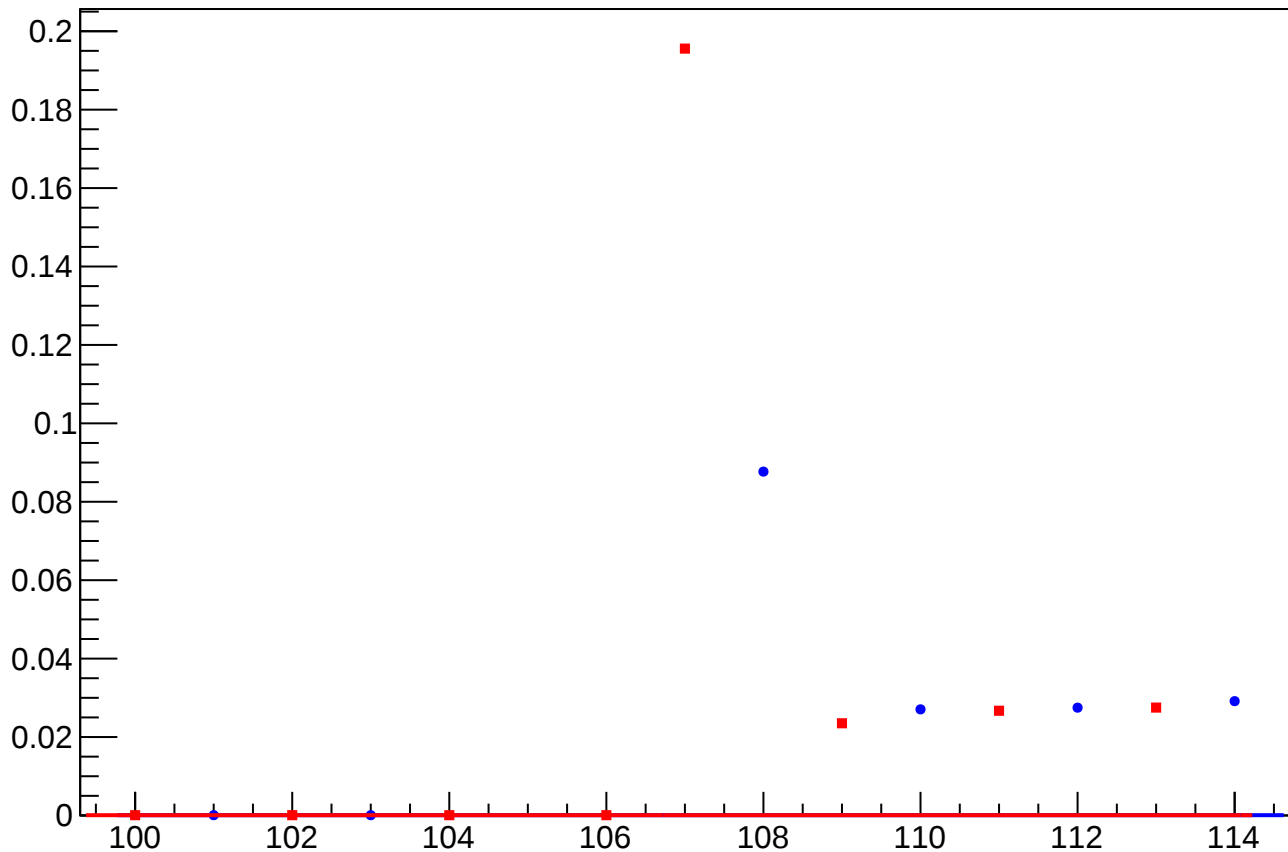
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 3.041+/-0.000

χ^2/NDF : 1381572522759060.0

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2289929.5/5

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

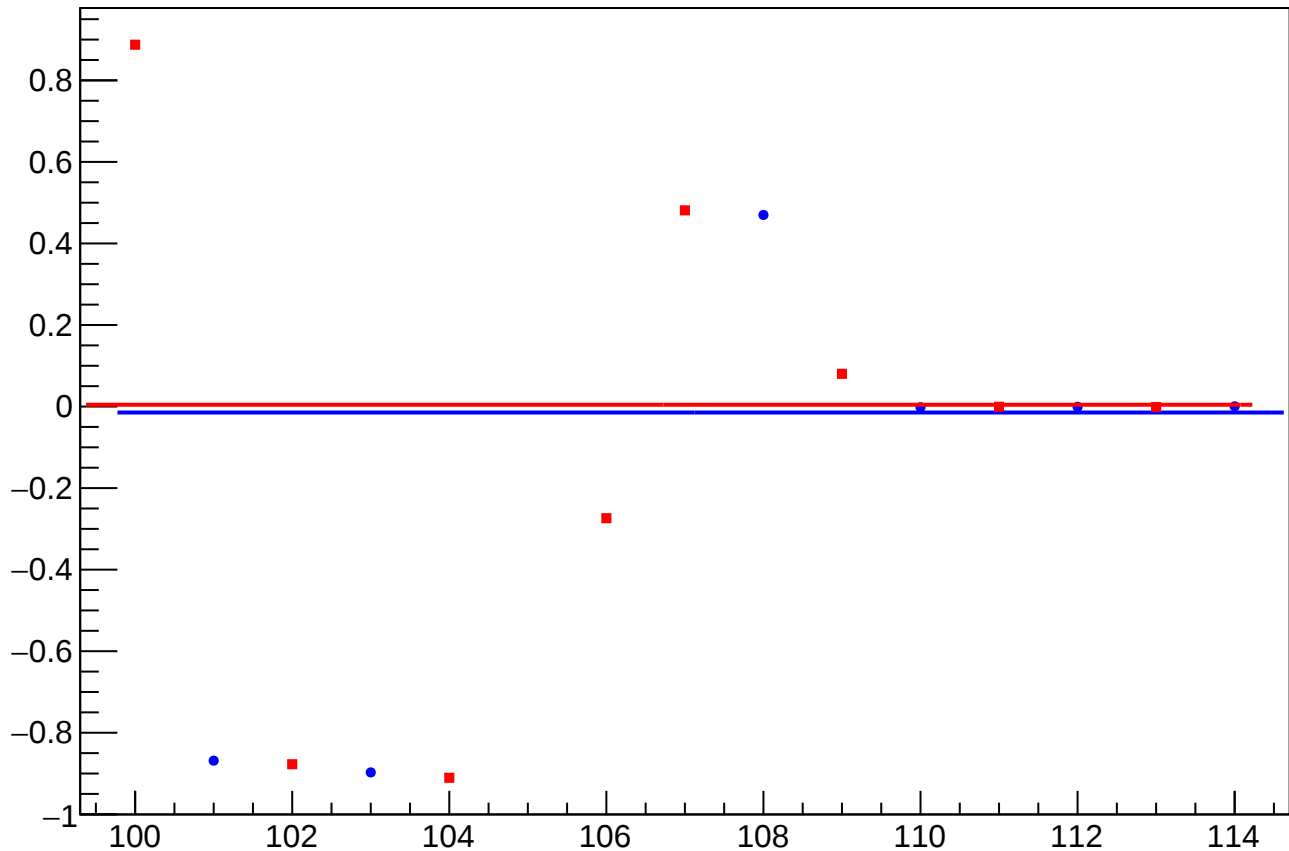
Right: 0.000+/-0.000 χ^2/NDF : 4955970.0/13

In: 0.000+/-0.000 χ^2/NDF : 2289929.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4955970.0/13

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.000 χ^2/NDF : 9735652551.4/5

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

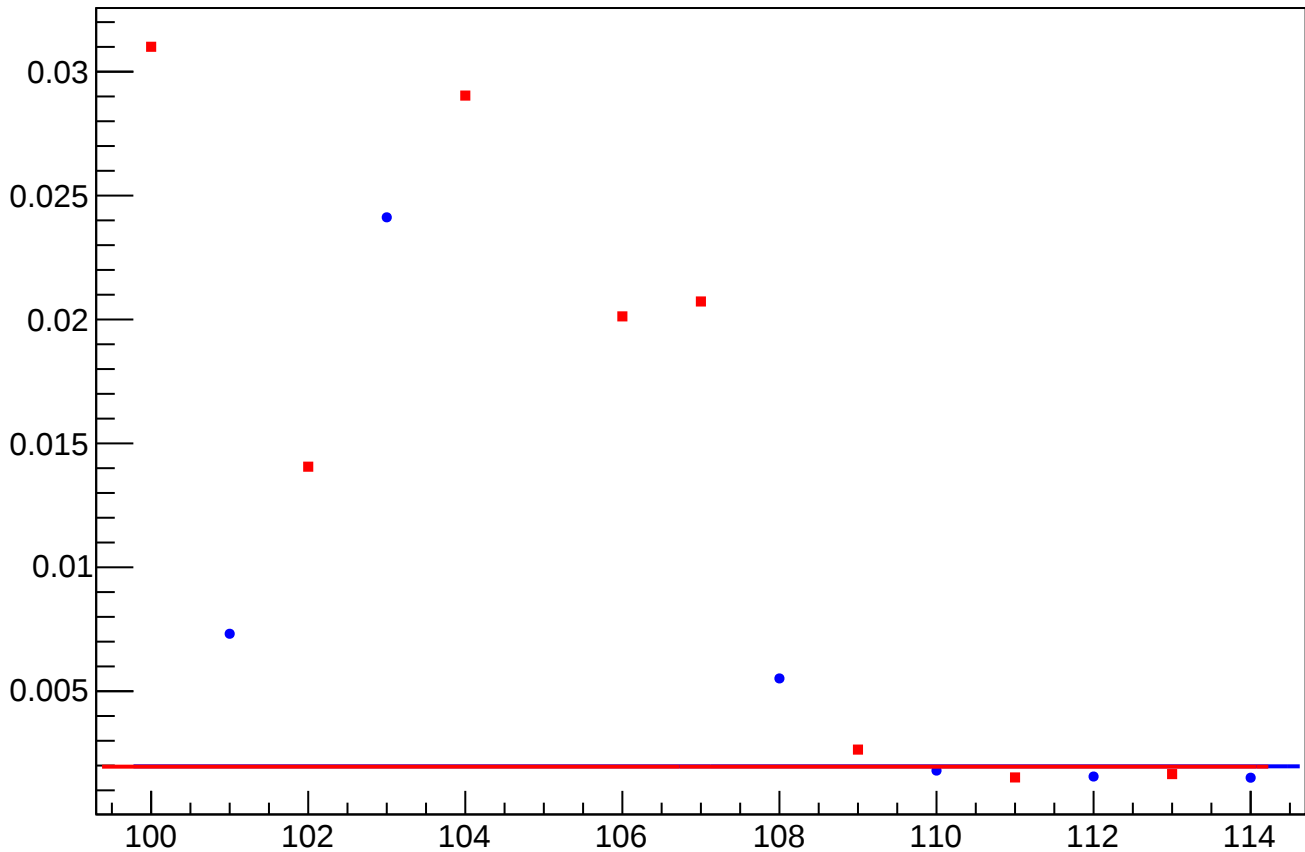
Right: -0.005+/-0.000 χ^2/NDF : 12832539587.3/13

In: -0.015+/-0.000 χ^2/NDF :9735652551.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.005+/-0.000 χ^2/NDF : 12832539587.3/13

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1637549.2/5

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

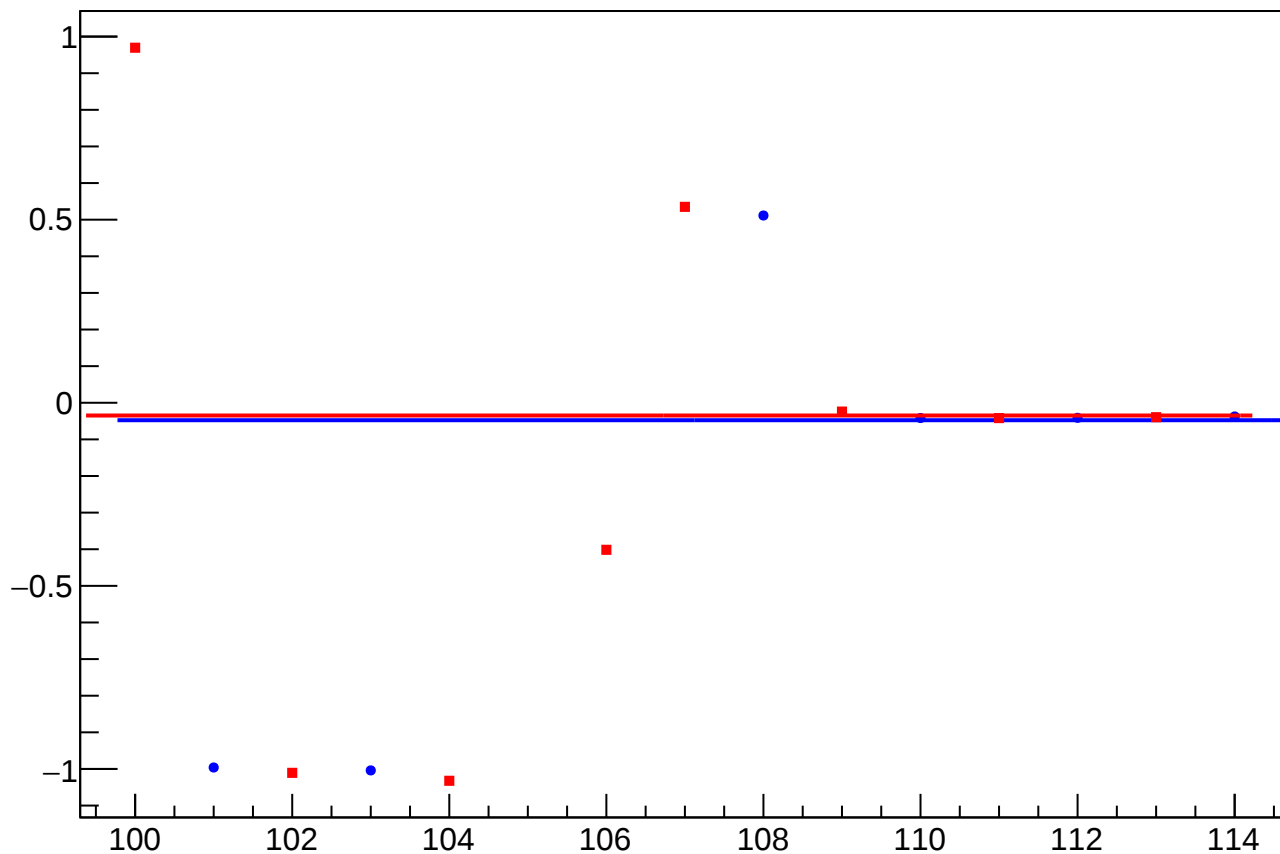
Right: 0.002+/-0.000 χ^2/NDF : 4332882.1/13

In: 0.002+/-0.000 χ^2/NDF :1637549.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4332882.1/13

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.048+/-0.000 χ^2/NDF : 3469179267.7/5

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

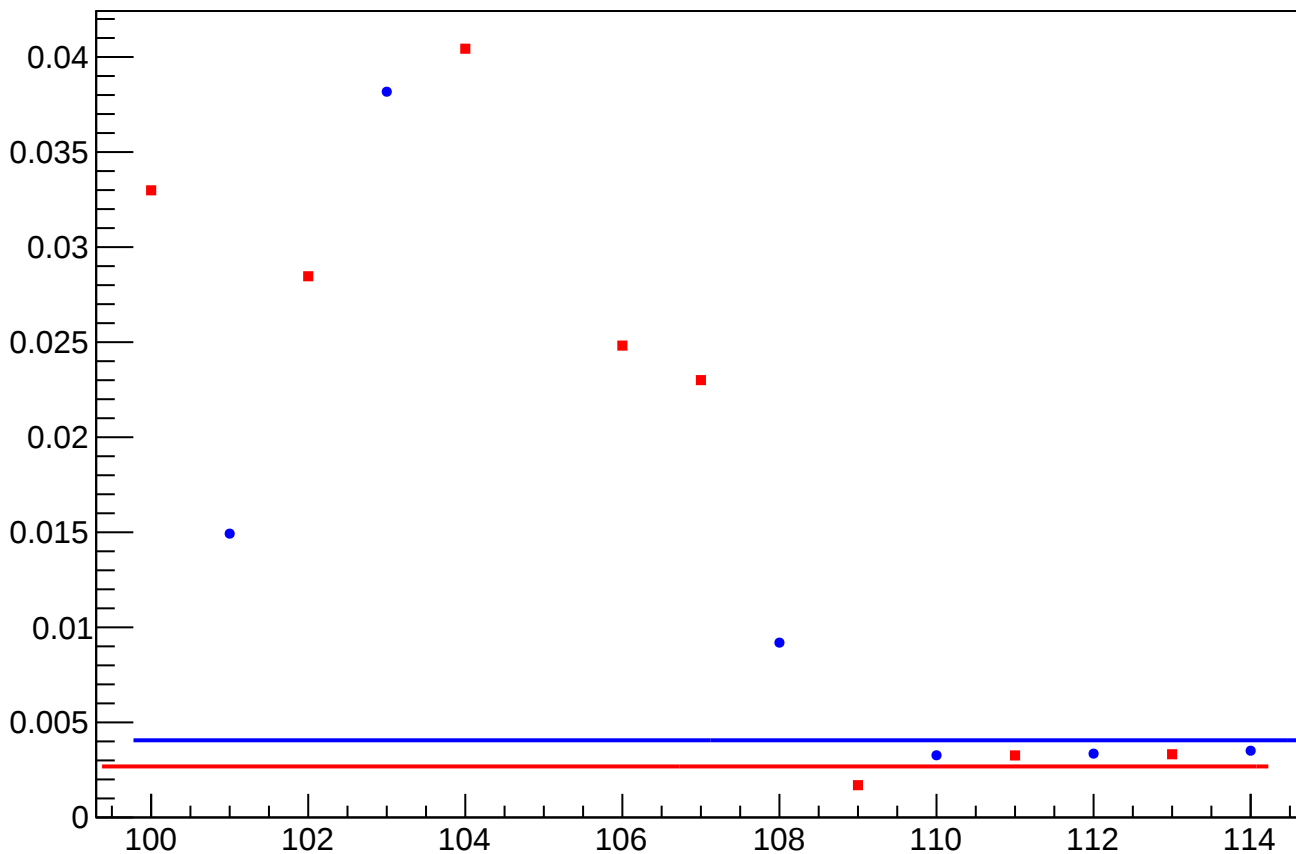
Right: -0.039+/-0.000 χ^2/NDF : 4670467971.0/13

In: -0.048+/-0.000 χ^2/NDF :3469179267.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.039+/-0.000 χ^2/NDF : 4670467971.0/13

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 1680651.7/5

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

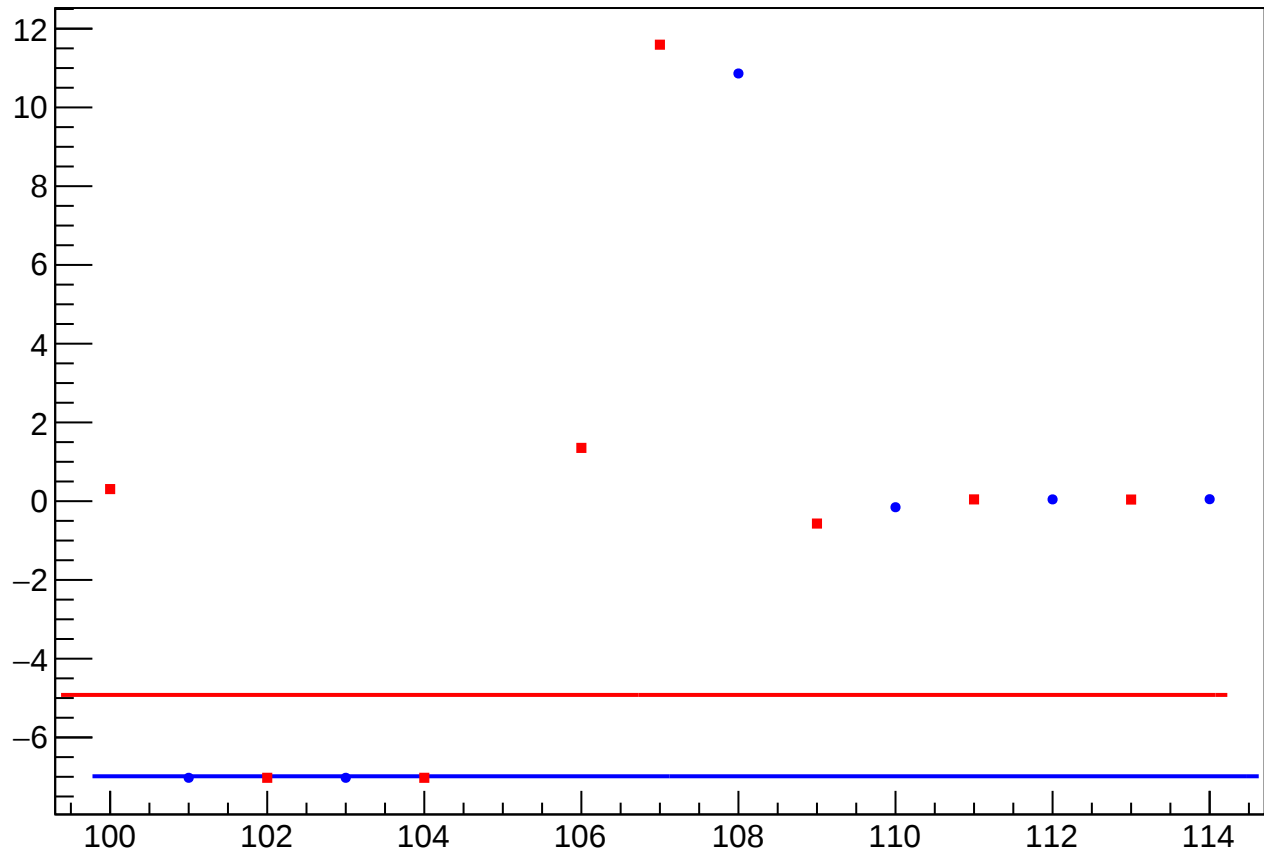
Right: 0.003+/-0.000 χ^2/NDF : 4759371.1/13

In: 0.004+/-0.000 χ^2/NDF : 1680651.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 4759371.1/13

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -6.987+/-0.000

χ^2/NDF : 6701767492356.3/5

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: -5.909+/-0.000

χ^2/NDF : 427530187206800.0

In: -6.987+/-0.000

χ^2/NDF : 6701767492356.3/5

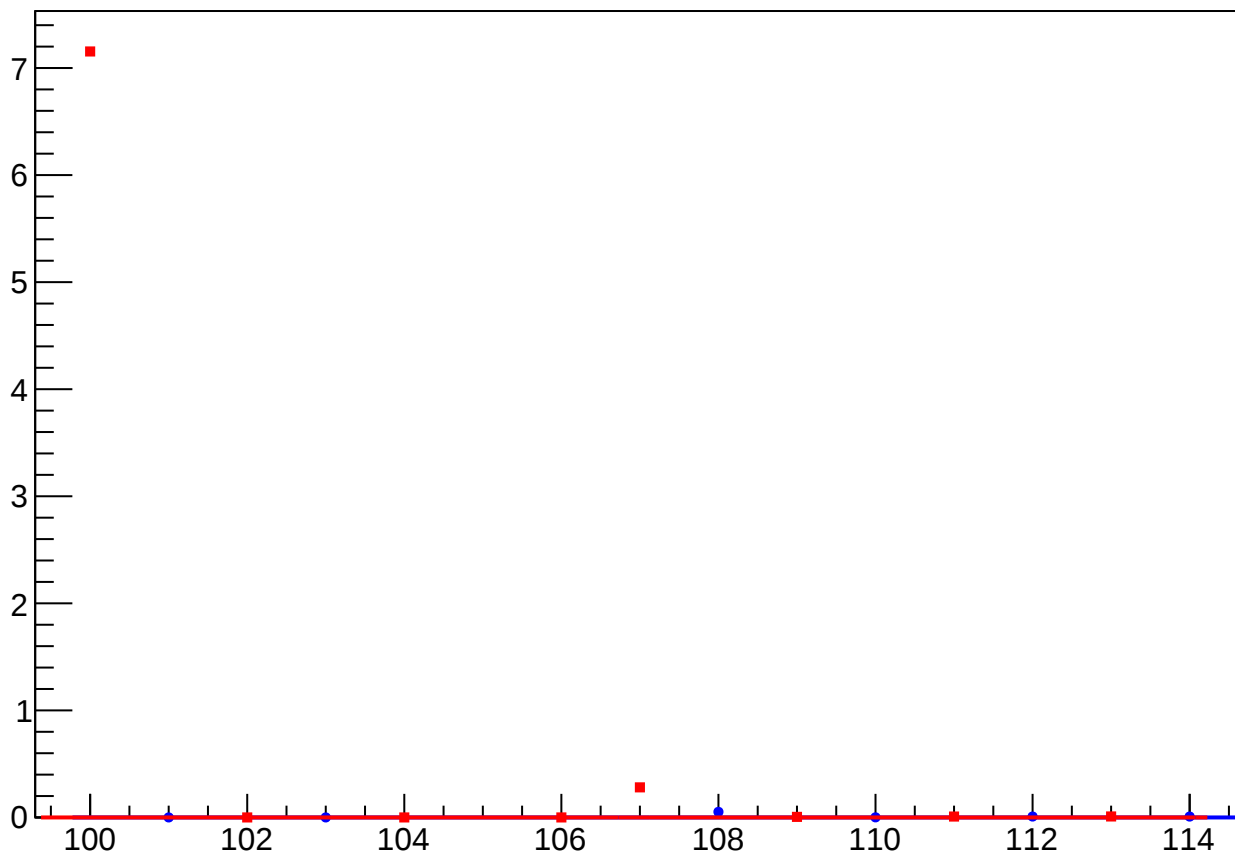
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: -5.909+/-0.000

χ^2/NDF : 4275301872068

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1720658.1/5

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

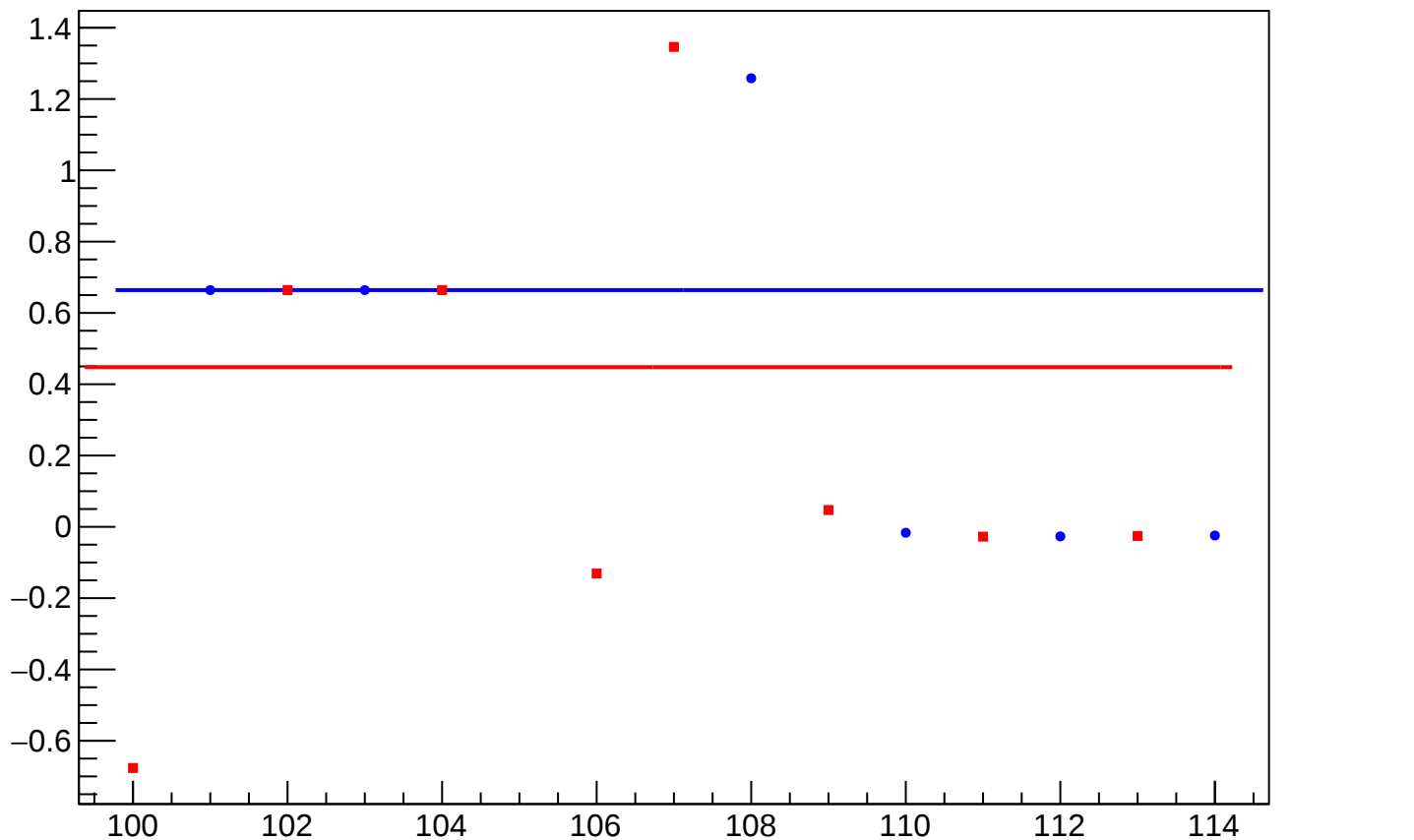
Right: 0.000+/-0.000 χ^2/NDF : 4221132.1/13

In: 0.000+/-0.000 χ^2/NDF : 1720658.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4221132.1/13

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.664+/-0.000 χ^2/NDF : 92652537701.9/5

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

Right Out: 0.448+/-0.000 χ^2/NDF : 402916208969196.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

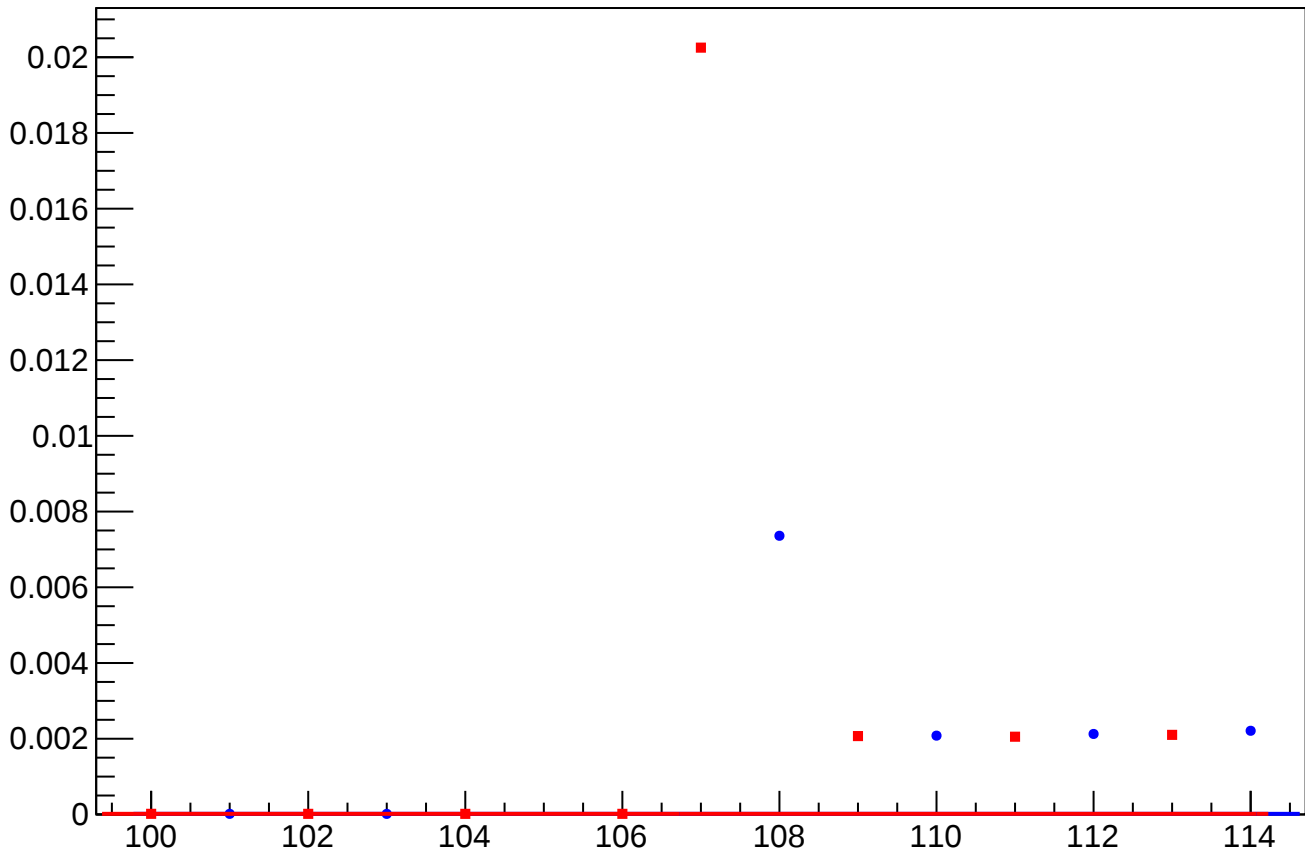
Right: 0.551+/-0.000 χ^2/NDF : 466406934424851.1/5

In: 0.664+/-0.000 χ^2/NDF : 92652537701.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.551+/-0.000 χ^2/NDF : 466406934424851.1/5

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2335282.6/5

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

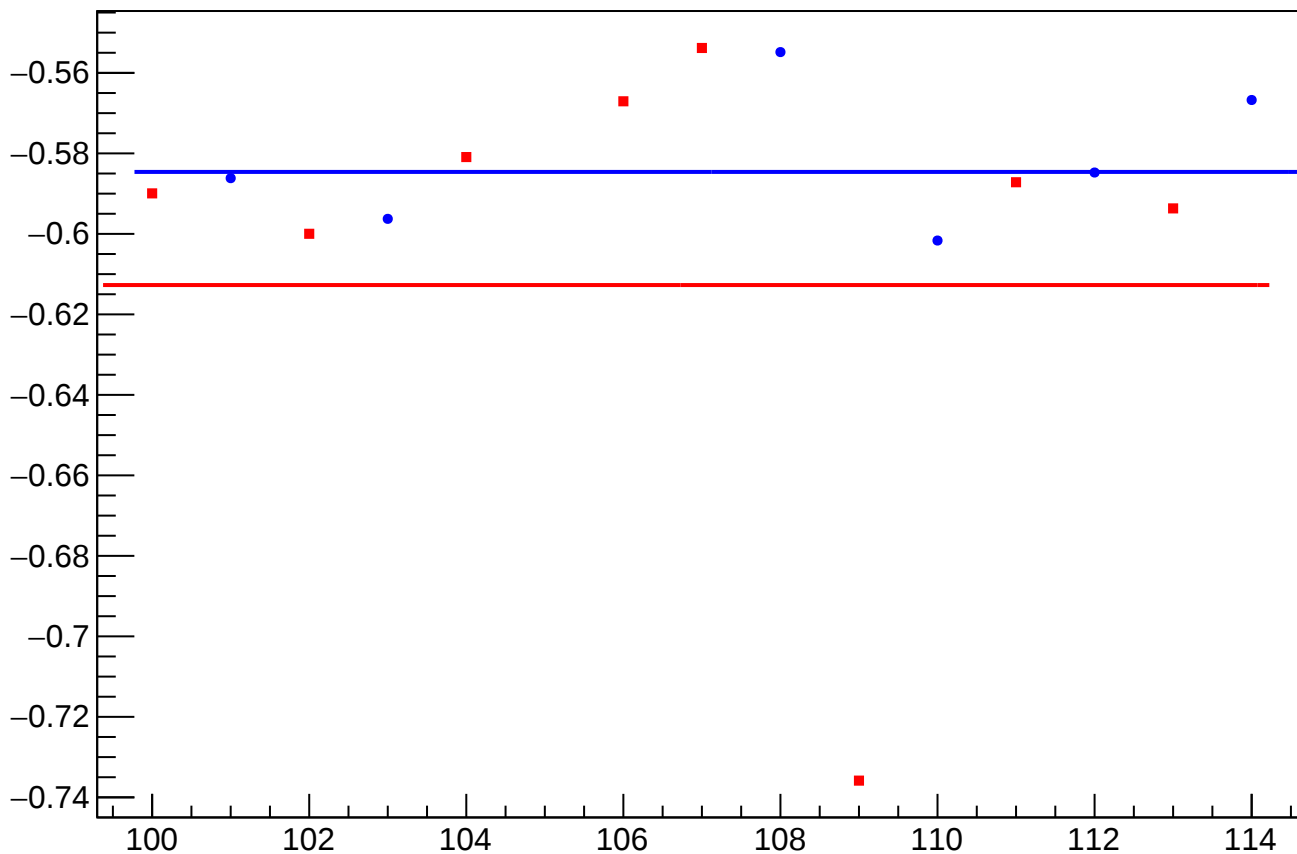
Right: 0.000+/-0.000 χ^2/NDF : 4697428.7/13

In: 0.000+/-0.000 χ^2/NDF : 2335282.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4697428.7/13

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.585+/-0.000 χ^2/NDF : 433420.8/5

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

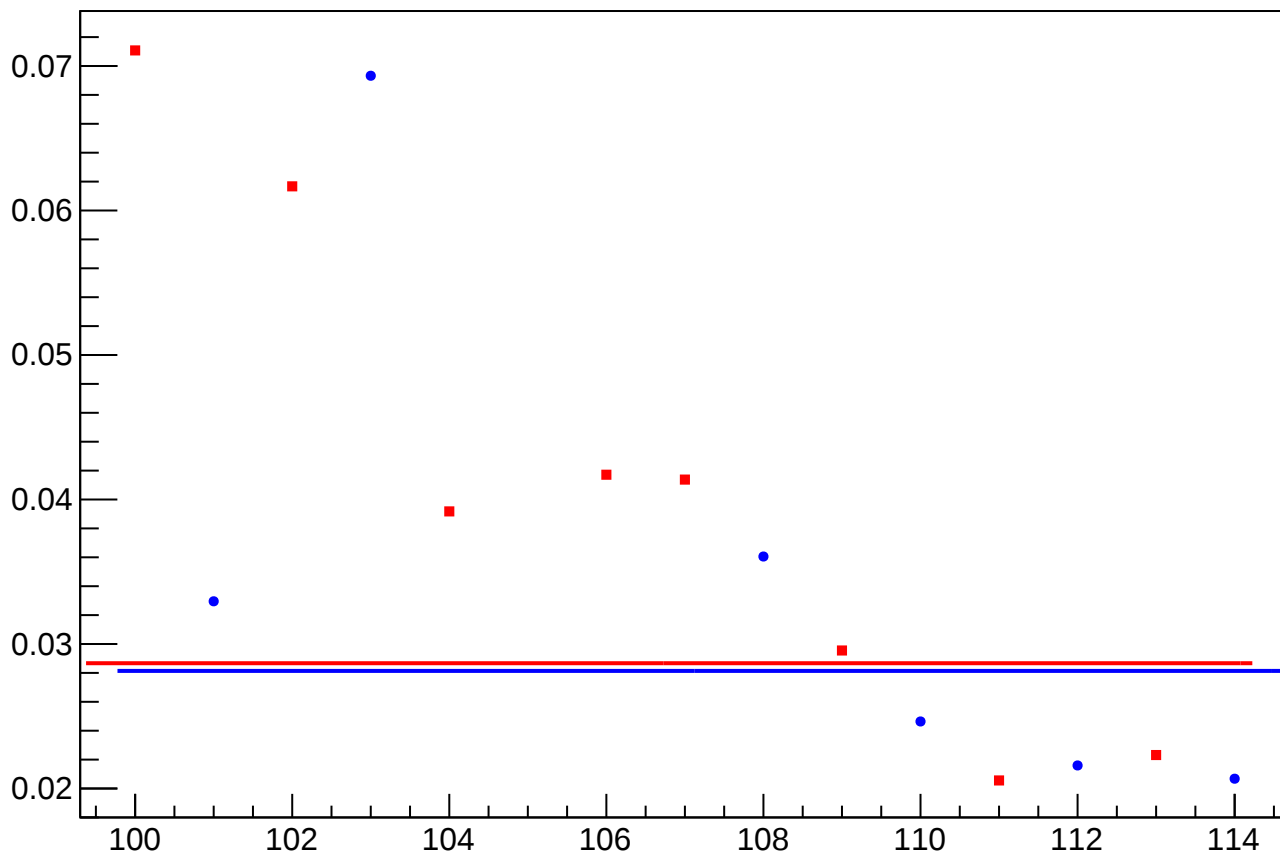
Right: -0.600+/-0.000 χ^2/NDF : 11042049.4/13

In: -0.585+/-0.000 χ^2/NDF :433420.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.600+/-0.000 χ^2/NDF : 11042049.4/13

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.028+/-0.000 χ^2/NDF : 555715.2/5

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

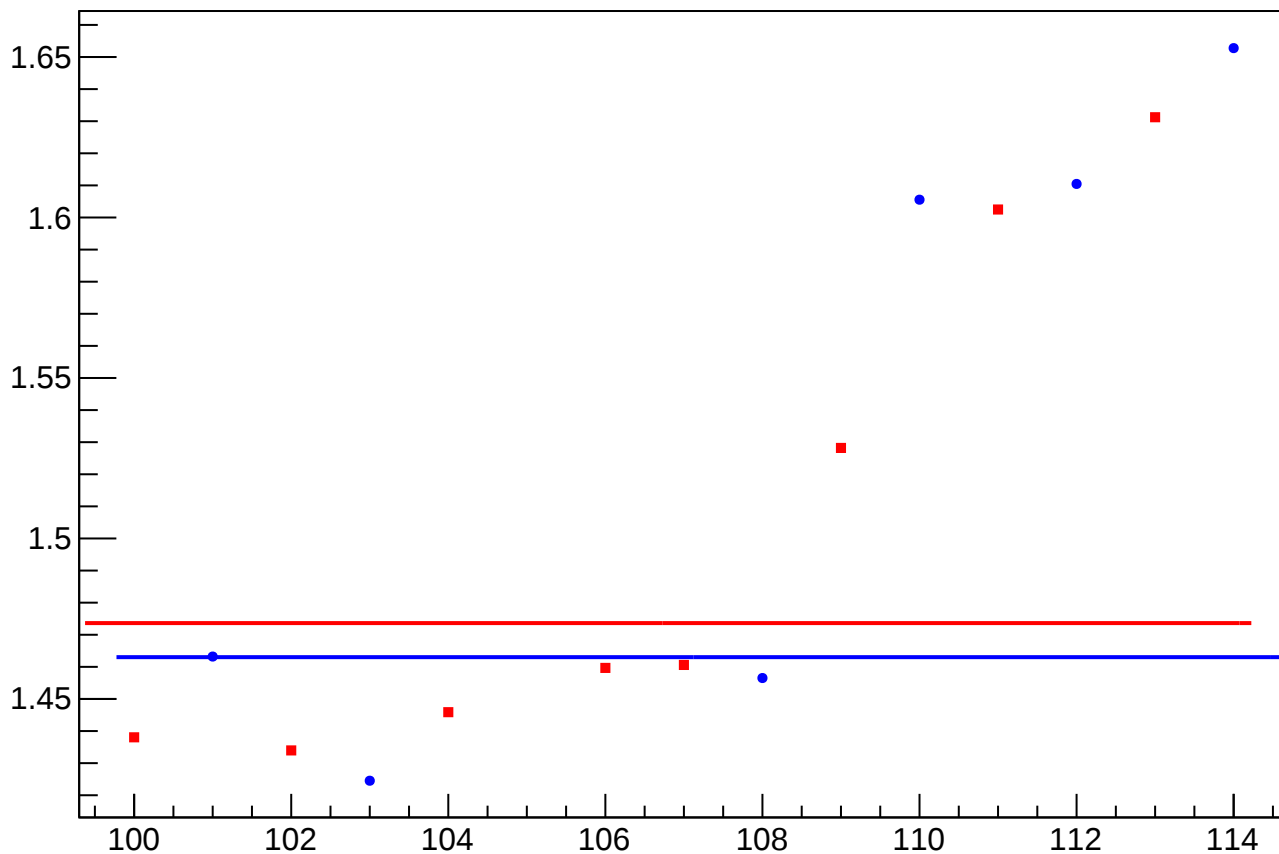
Right: 0.028+/-0.000 χ^2/NDF : 1216238.1/13

In: 0.028+/-0.000 χ^2/NDF : 555715.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.000 χ^2/NDF : 1216238.1/13

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 1.463+/-0.000

χ^2/NDF : 13424390.4/5

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: 1.469+/-0.000

χ^2/NDF : 31674930.7/13

In: 1.463+/-0.000

χ^2/NDF : 13424390.4/5

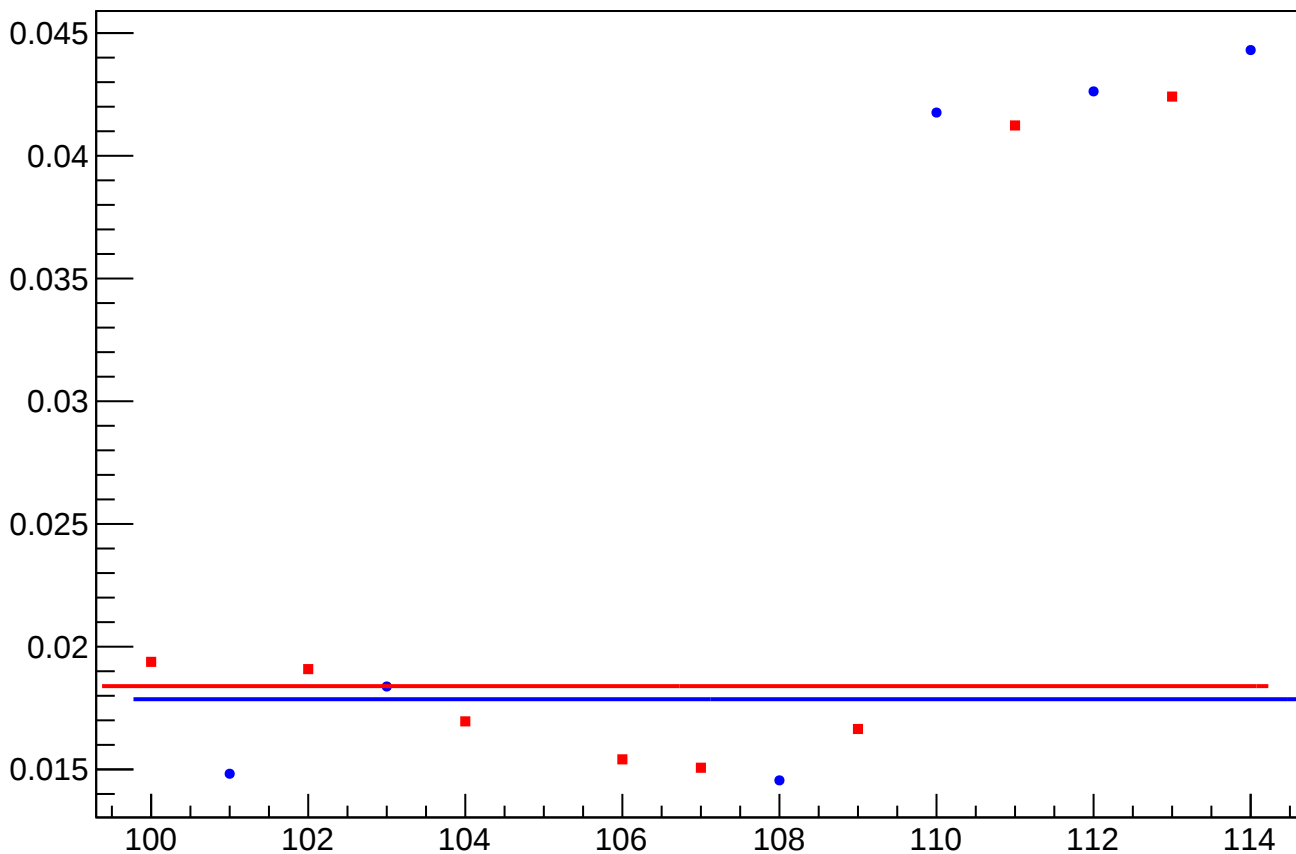
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.469+/-0.000

χ^2/NDF : 31674930.7/13

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 664529.6/5

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

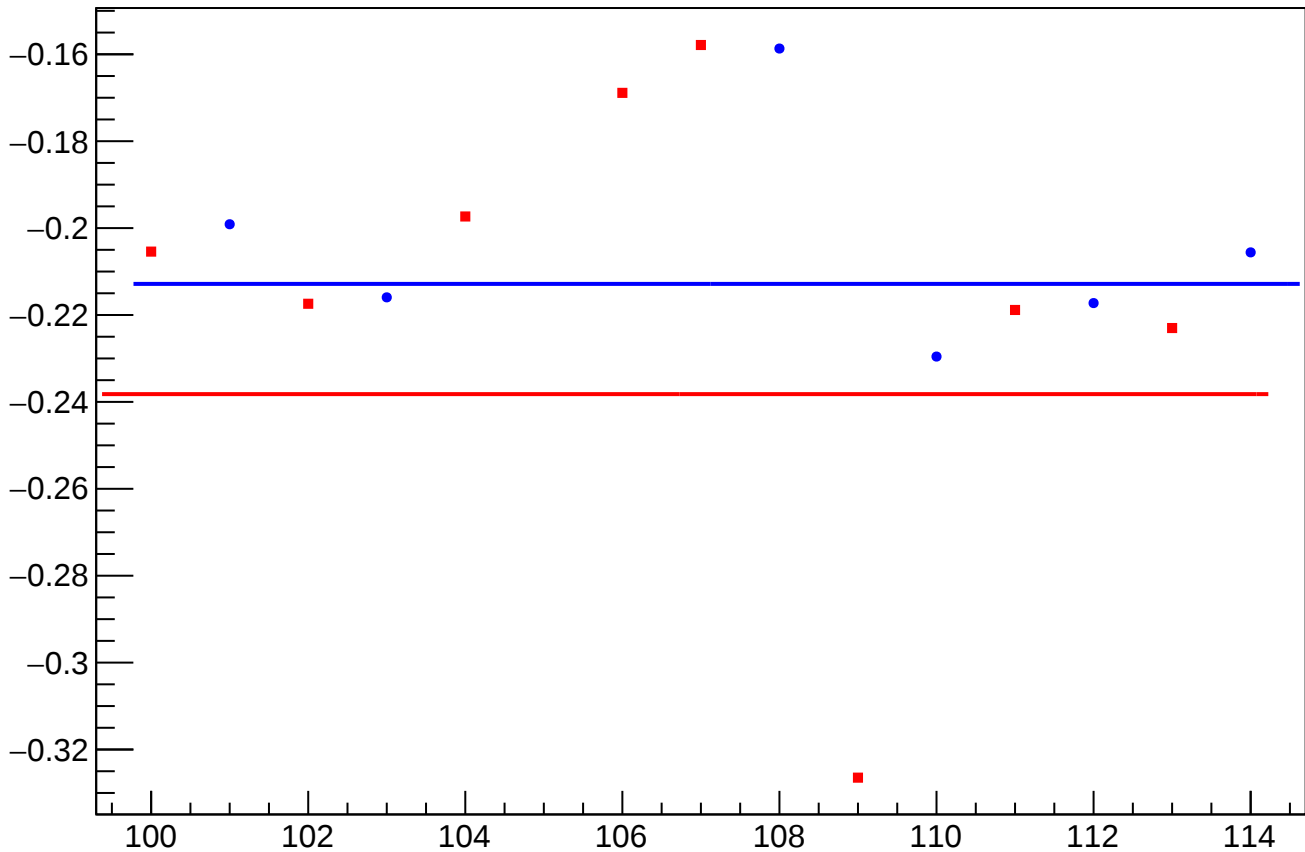
Right: 0.018+/-0.000 χ^2/NDF : 1254477.4/13

In: 0.018+/-0.000 χ^2/NDF :664529.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.018+/-0.000 χ^2/NDF : 1254477.4/13

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.213+/-0.000 χ^2/NDF : 1059104.2/5

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

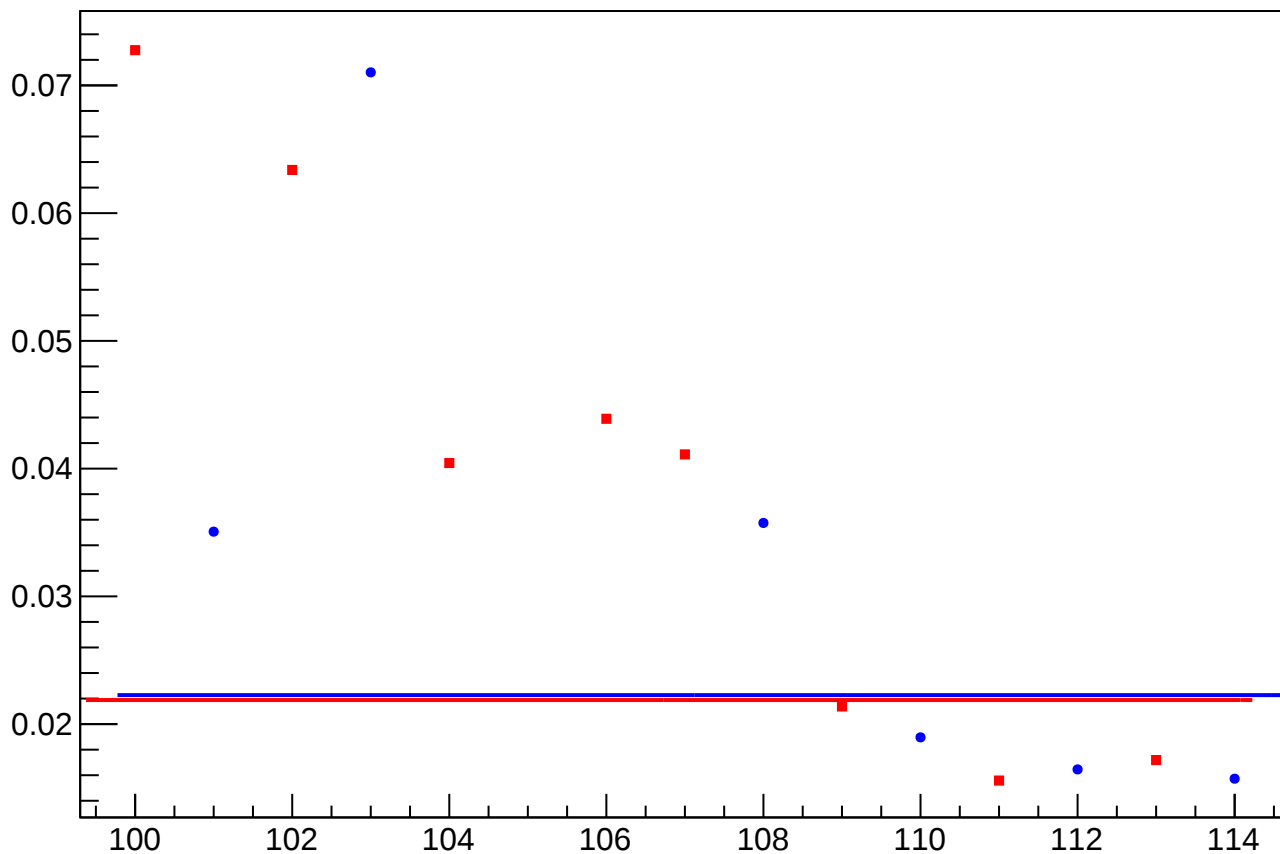
Right: -0.227+/-0.000 χ^2/NDF : 12618420.1/13

In: -0.213+/-0.000 χ^2/NDF :1059104.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.227+/-0.000 χ^2/NDF : 12618420.1/13

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.022+/-0.000 χ^2/NDF : 898634.2/5

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

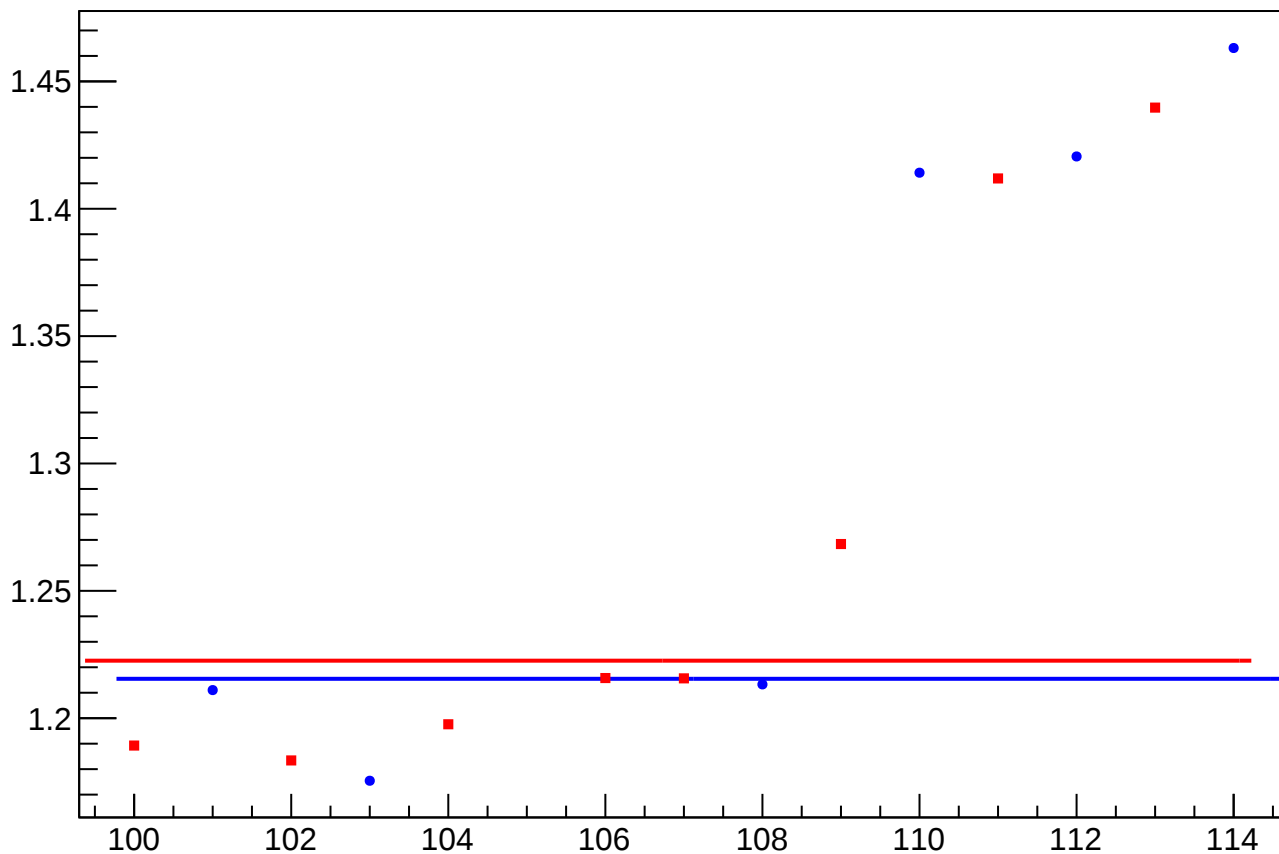
Right: 0.022+/-0.000 χ^2/NDF : 1969352.9/13

In: 0.022+/-0.000 χ^2/NDF :898634.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.022+/-0.000 χ^2/NDF : 1969352.9/13

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 1.215+/-0.000 χ^2/NDF : 25974181.1/5

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

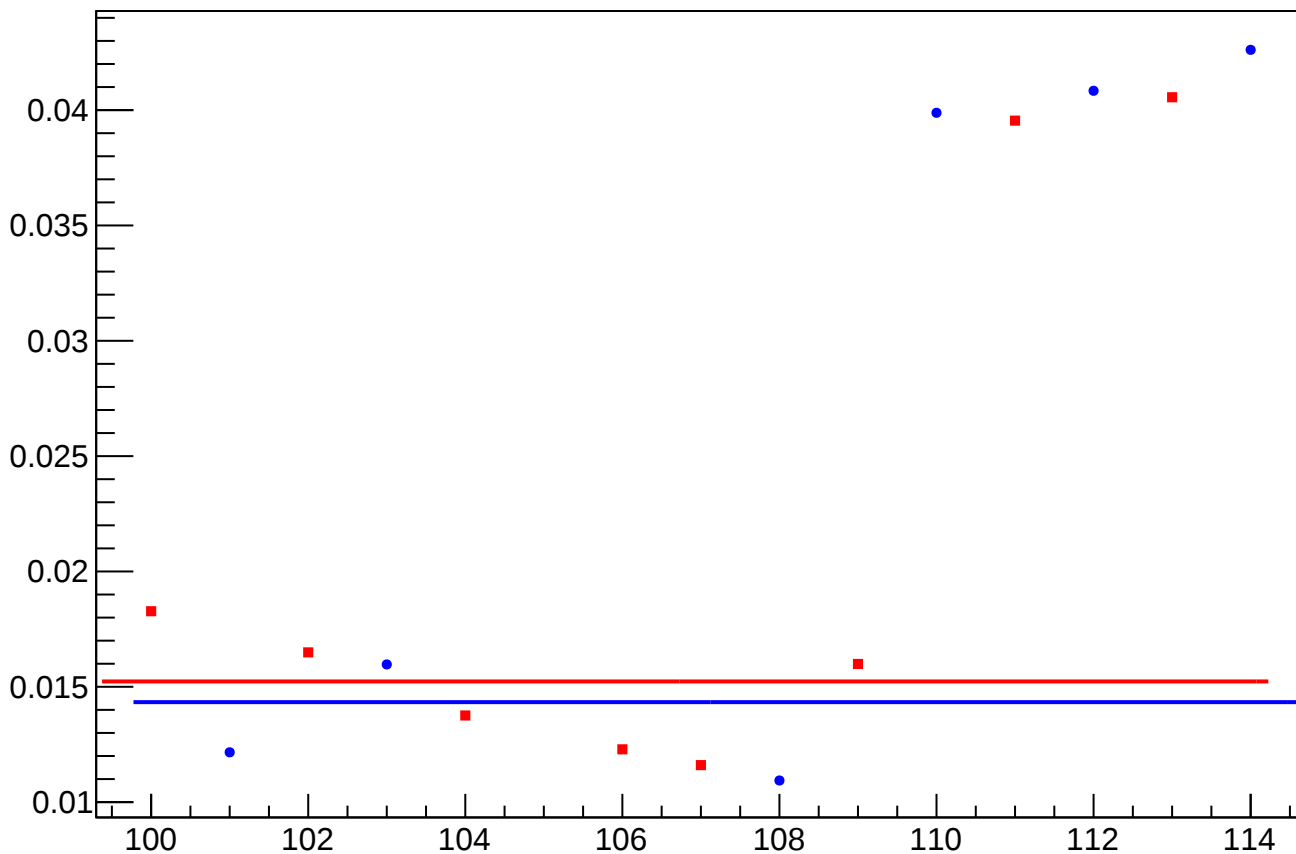
Right: 1.219+/-0.000 χ^2/NDF : 55302403.9/13

In: 1.215+/-0.000 χ^2/NDF : 25974181.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.219+/-0.000 χ^2/NDF : 55302403.9/13

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 831362.2/5

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

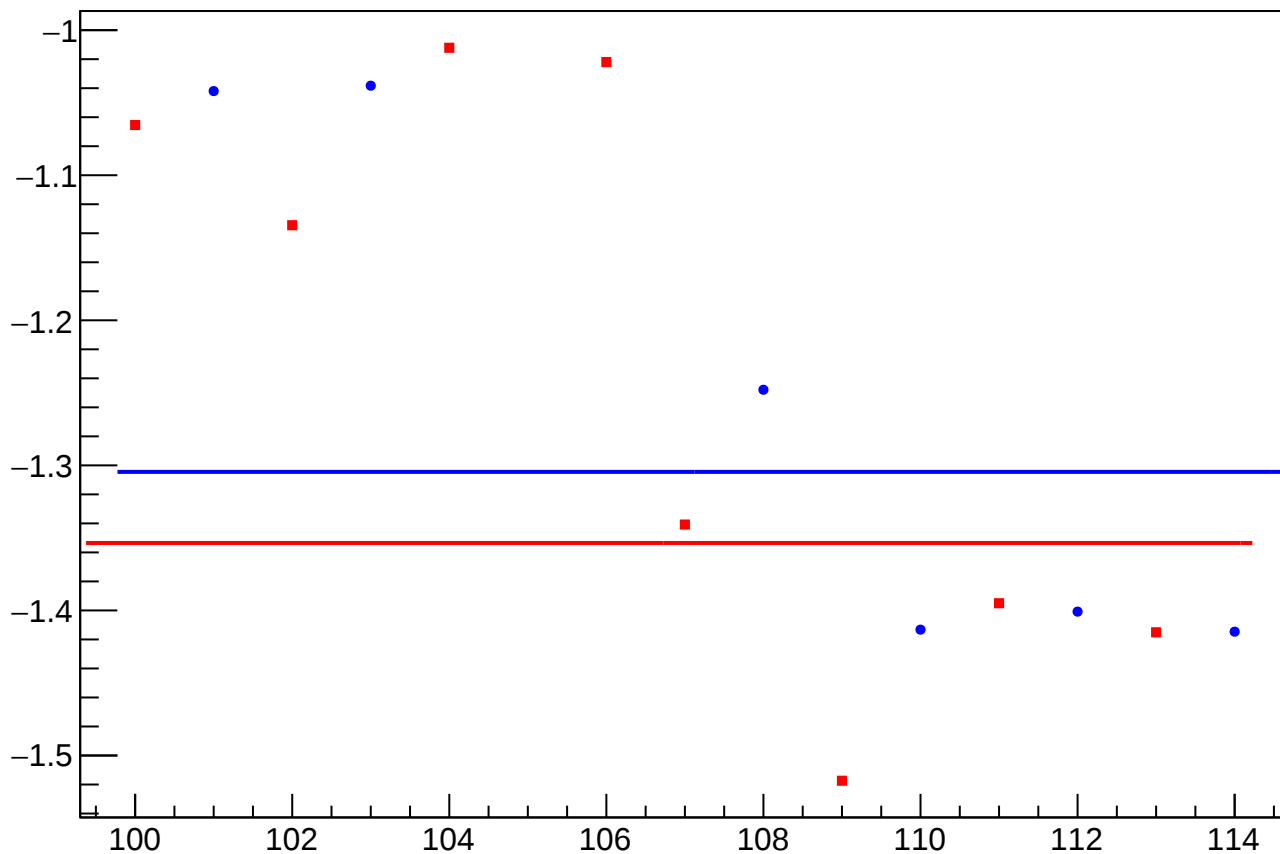
Right: 0.015+/-0.000 χ^2/NDF : 1586762.1/13

In: 0.014+/-0.000 χ^2/NDF : 831362.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1586762.1/13

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.304+/-0.000 χ^2/NDF : 57020197.5/5

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

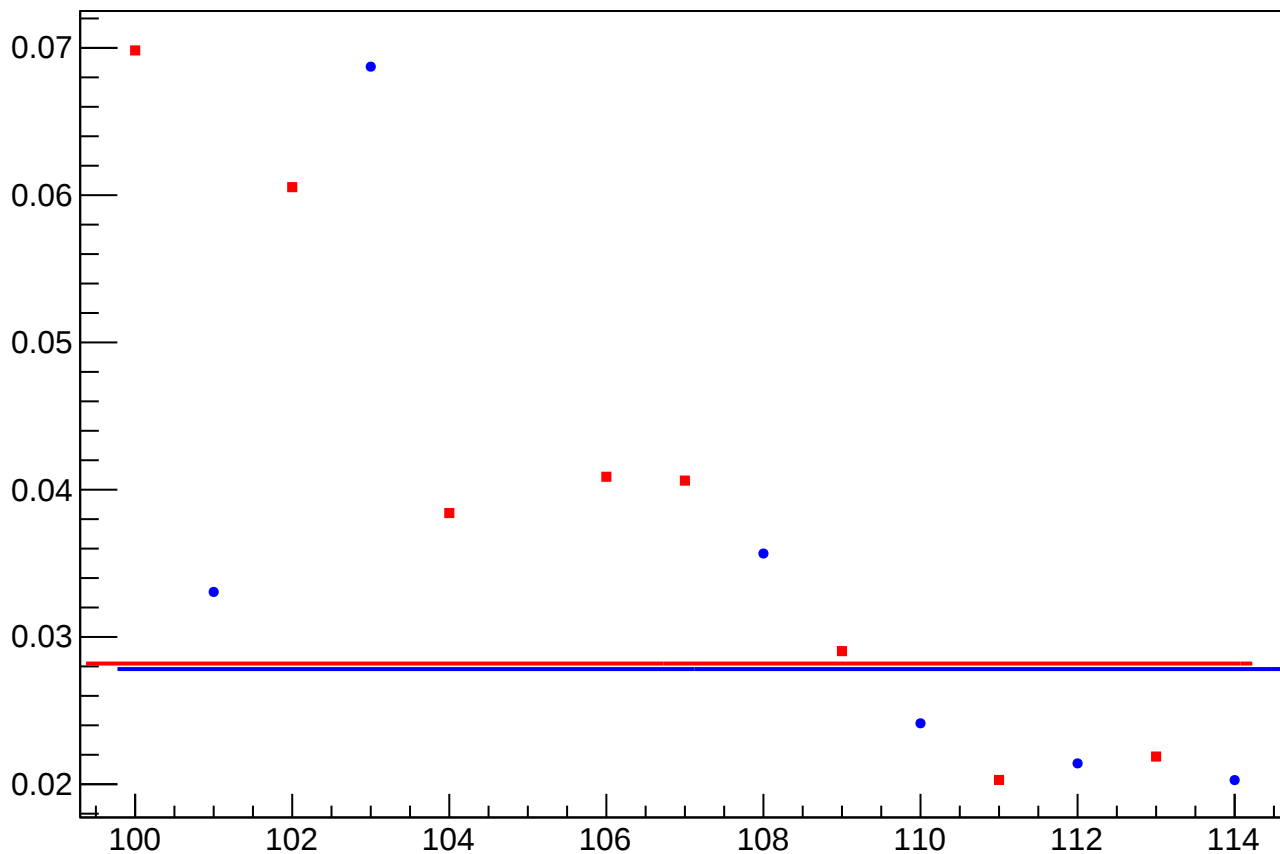
Right: -1.331+/-0.000 χ^2/NDF : 131398481.7/13

In: -1.304+/-0.000 χ^2/NDF :57020197.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.331+/-0.000 χ^2/NDF : 131398481.7/13

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.028+/-0.000 χ^2/NDF : 561151.4/5

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

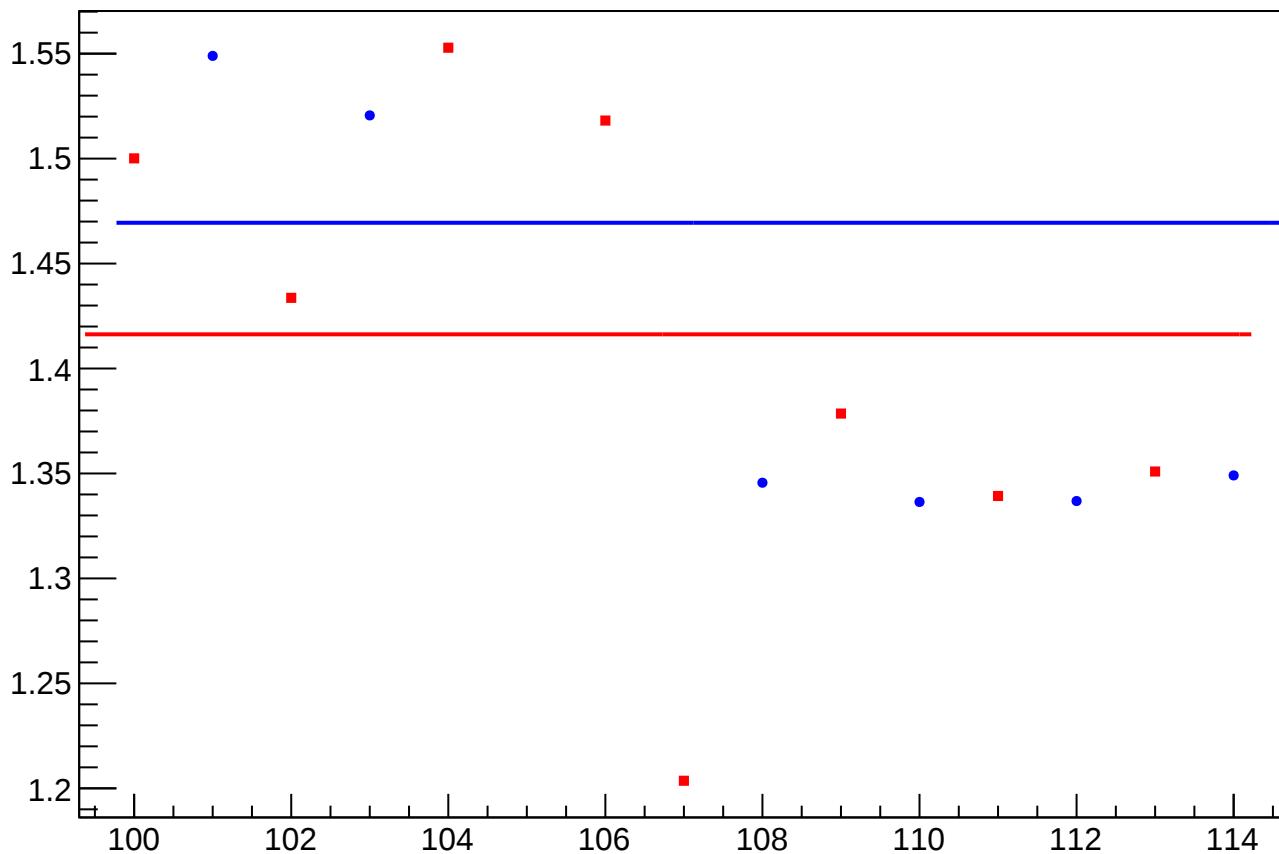
Right: 0.028+/-0.000 χ^2/NDF : 1216956.6/13

In: 0.028+/-0.000 χ^2/NDF : 561151.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.000 χ^2/NDF : 1216956.6/13

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.469+/-0.000 χ^2/NDF : 47907194.8/5

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

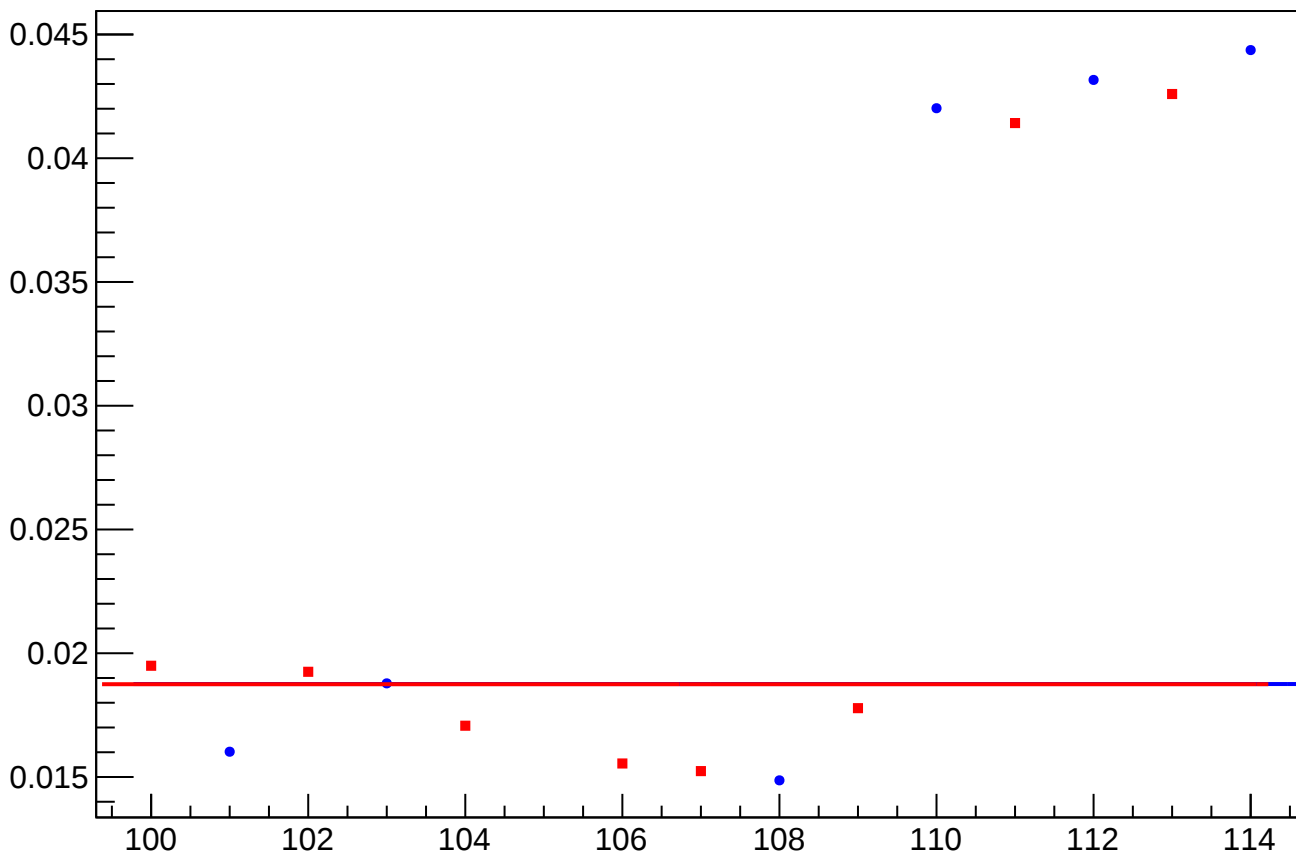
Right: 1.440+/-0.000 χ^2/NDF : 163366923.3/13

In: 1.469+/-0.000 χ^2/NDF : 47907194.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.440+/-0.000 χ^2/NDF : 163366923.3/13

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 626252.4/5

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

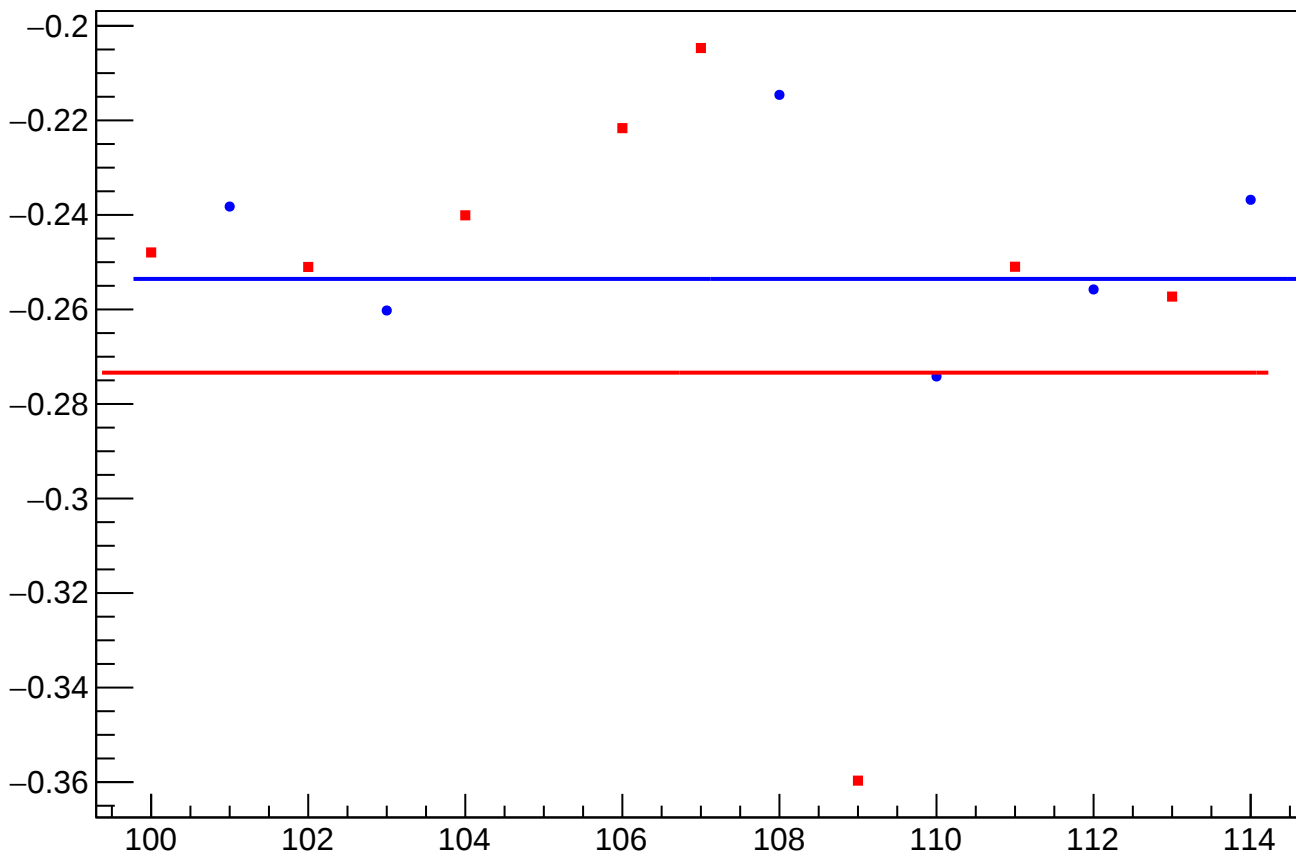
Right: 0.019+/-0.000 χ^2/NDF : 1203061.8/13

In: 0.019+/-0.000 χ^2/NDF :626252.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.019+/-0.000 χ^2/NDF : 1203061.8/13

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.254+/-0.000 χ^2/NDF : 902381.7/5

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

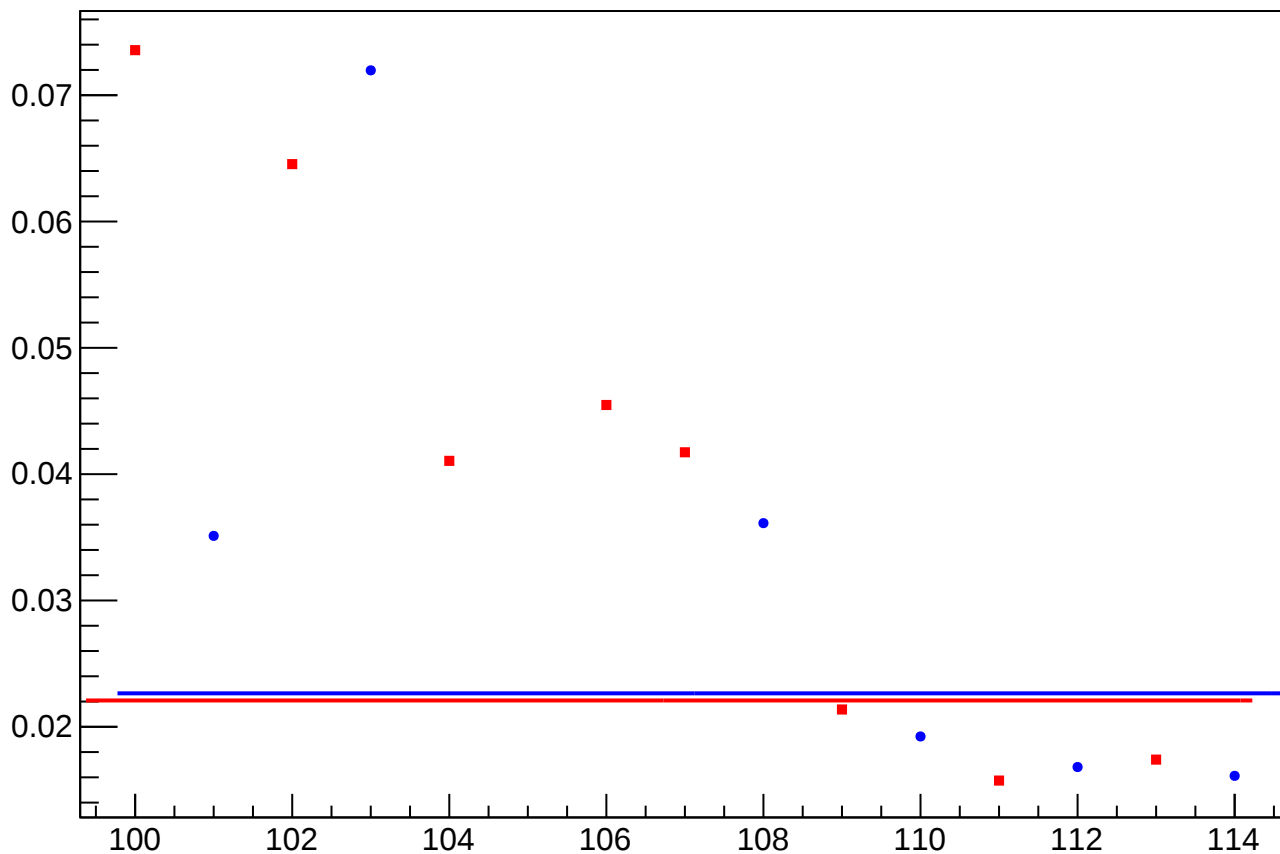
Right: -0.265+/-0.000 χ^2/NDF : 11077869.2/13

In: -0.254+/-0.000 χ^2/NDF : 902381.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.265+/-0.000 χ^2/NDF : 11077869.2/13

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 881964.3/5

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

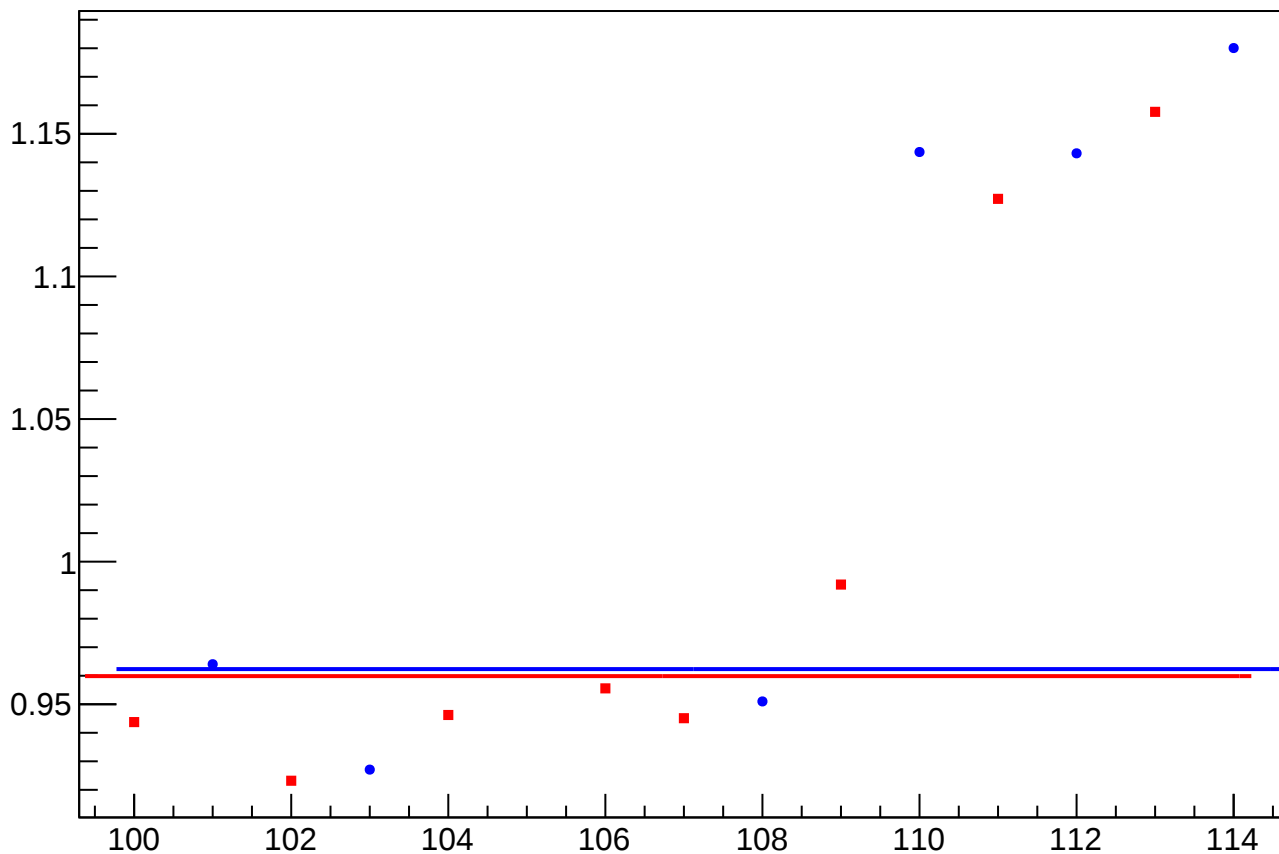
Right: 0.022+/-0.000 χ^2/NDF : 1968128.8/13

In: 0.023+/-0.000 χ^2/NDF : 881964.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.000 χ^2/NDF : 1968128.8/13

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.962+/-0.000 χ^2/NDF : 21577878.3/5

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

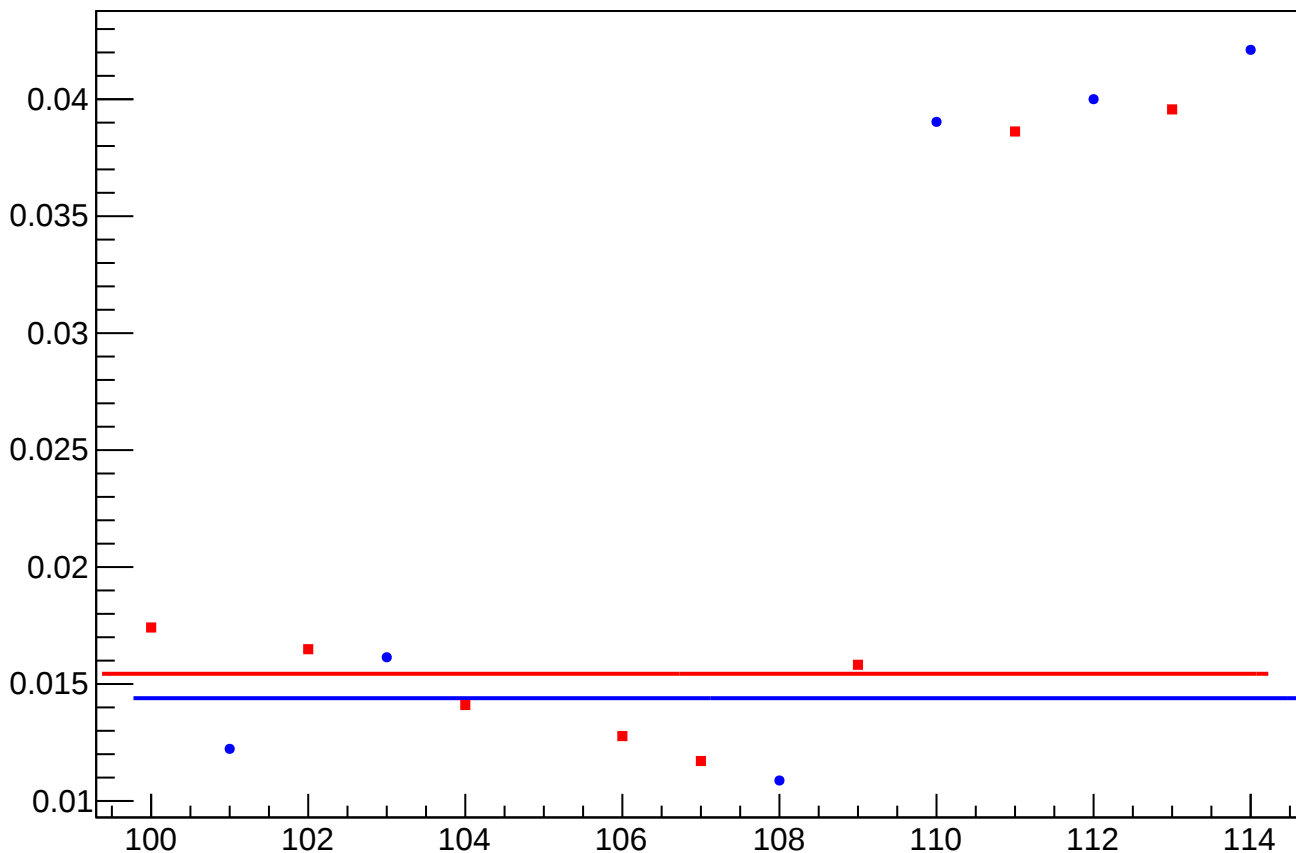
Right: 0.961+/-0.000 χ^2/NDF : 44790620.0/13

In: 0.962+/-0.000 χ^2/NDF : 21577878.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.961+/-0.000 χ^2/NDF : 44790620.0/13

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 819158.5/5

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

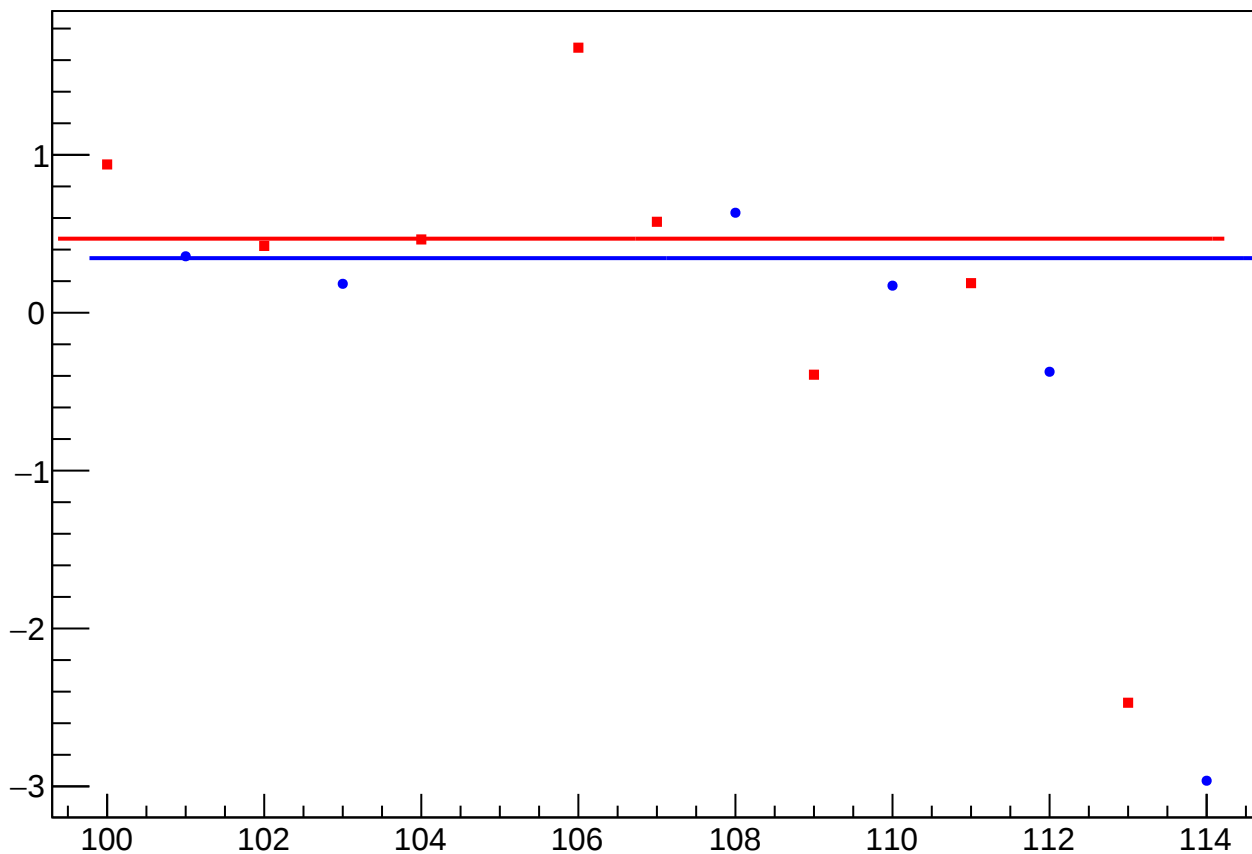
Right: 0.015+/-0.000 χ^2/NDF : 1536632.4/13

In: 0.014+/-0.000 χ^2/NDF : 819158.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1536632.4/13

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.346+/-0.000 χ^2/NDF : 74406539.9/5

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

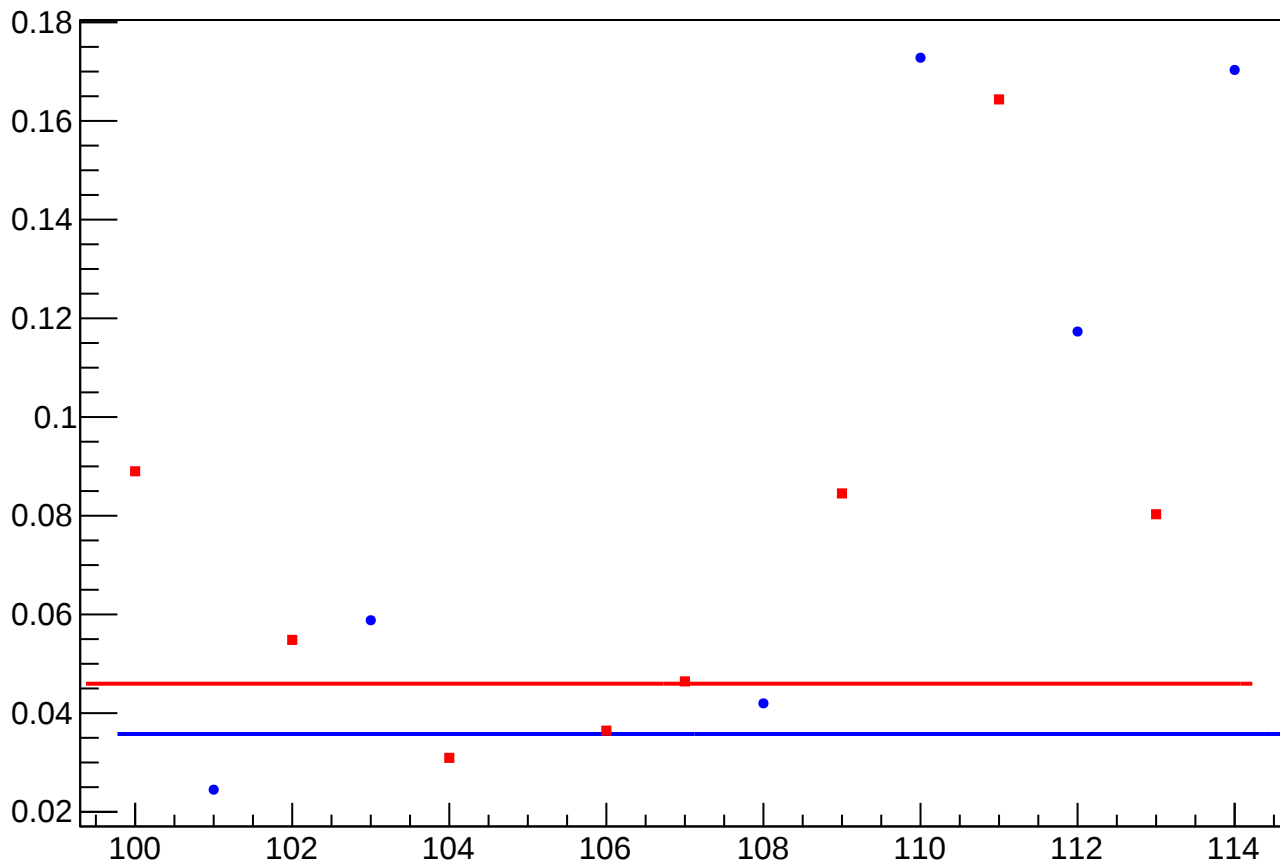
Right: 0.401+/-0.000 χ^2/NDF : 825655594.5/13

In: 0.346+/-0.000 χ^2/NDF : 74406539.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.401+/-0.000 χ^2/NDF : 825655594.5/13

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.036+/-0.000 χ^2/NDF : 1325954.1/5

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

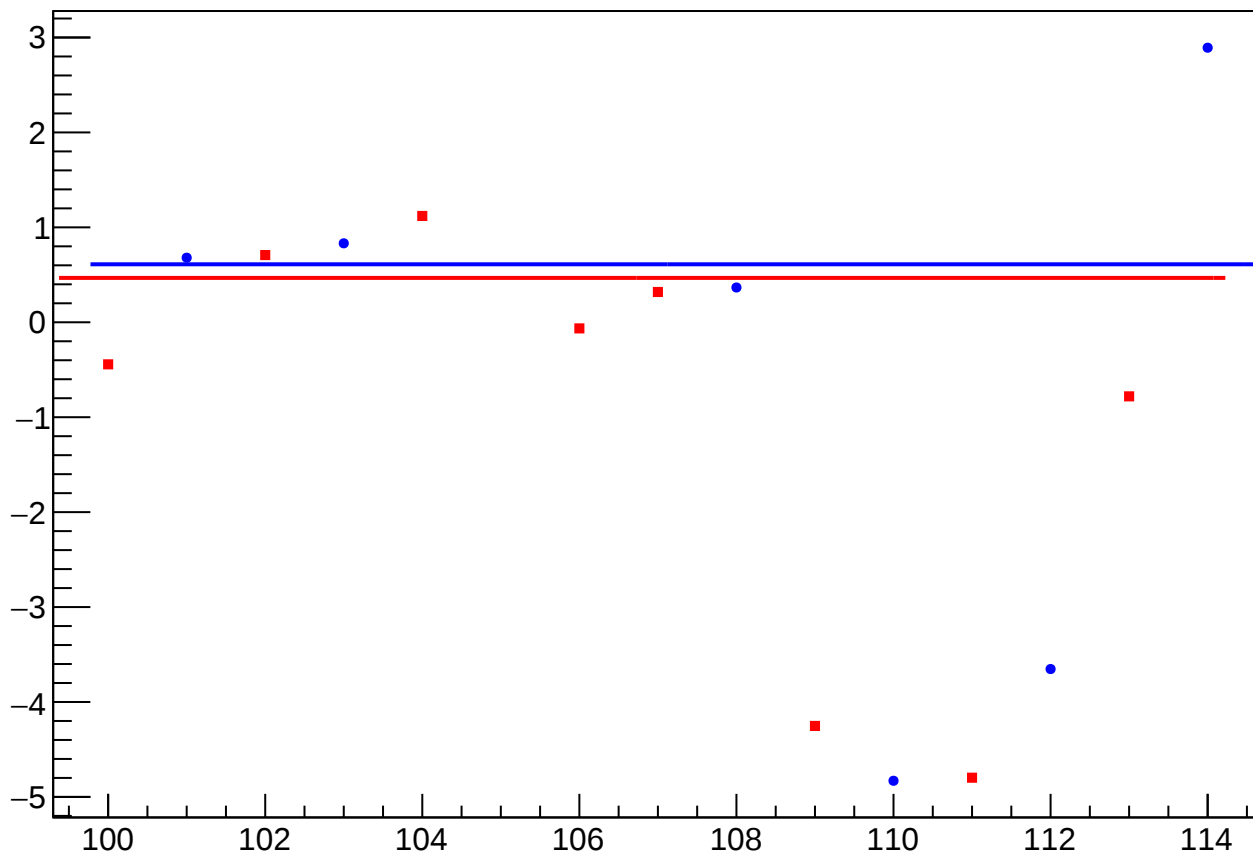
Right: 0.040+/-0.000 χ^2/NDF : 2412126.0/13

In: 0.036+/-0.000 χ^2/NDF : 1325954.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.040+/-0.000 χ^2/NDF : 2412126.0/13

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.611+/-0.000 χ^2/NDF : 1484728718.1/5

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

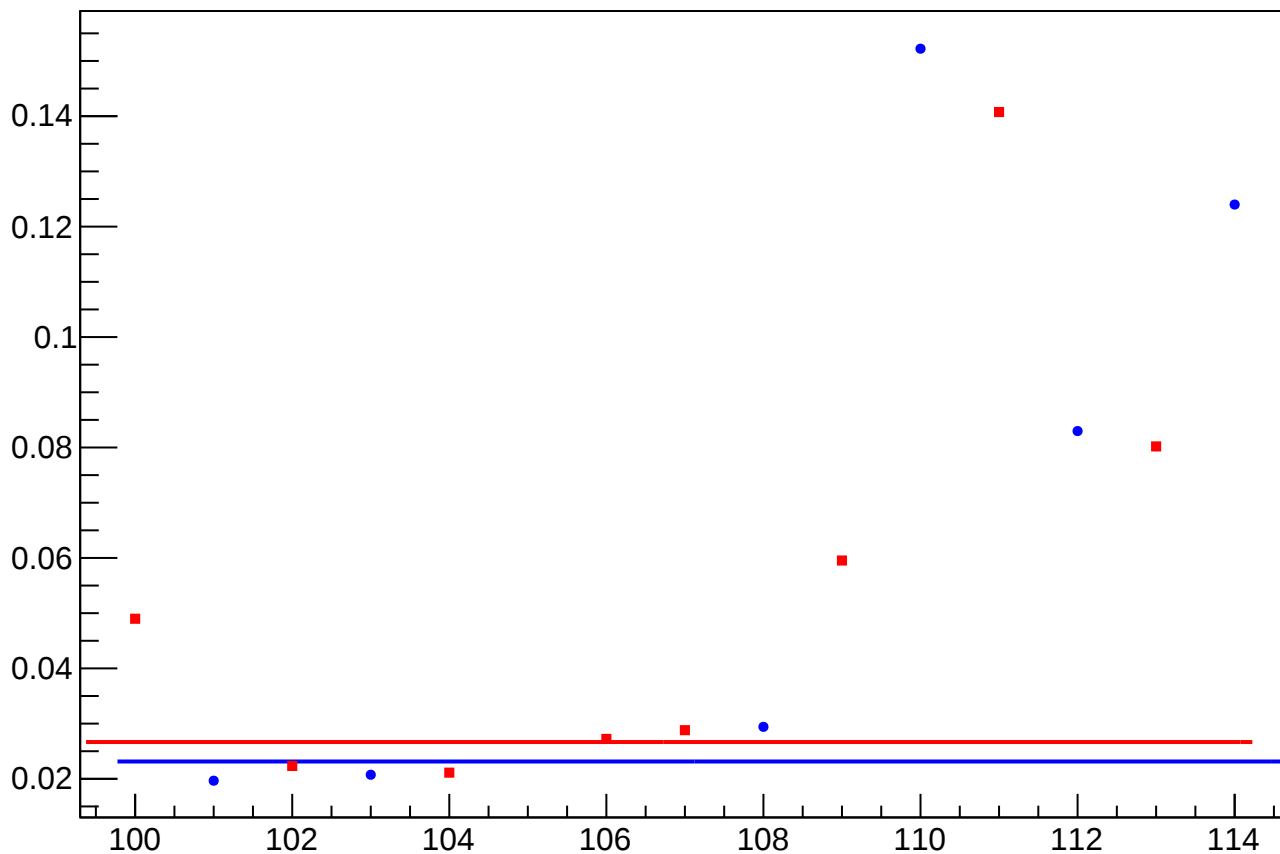
Right: 0.542+/-0.000 χ^2/NDF : 5004201827.6/13

In: 0.611+/-0.000 χ^2/NDF : 1484728718.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.542+/-0.000 χ^2/NDF : 5004201827.6/13

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 1062741.0/5

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

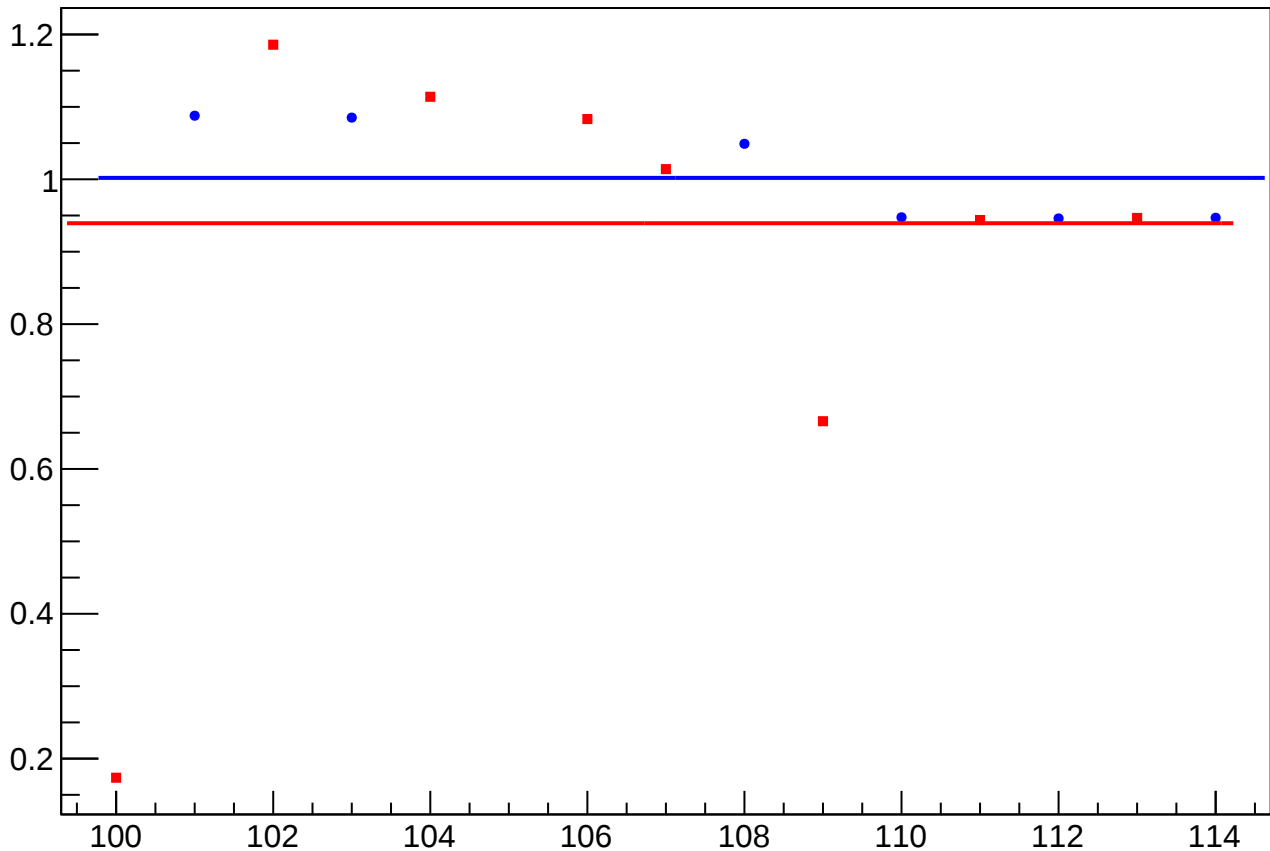
Right: 0.025+/-0.000 χ^2/NDF : 2306135.1/13

In: 0.023+/-0.000 χ^2/NDF : 1062741.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.000 χ^2/NDF : 2306135.1/13

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 1.002 $\pm$ 0.000 χ^2 /NDF: 37449892.9/5

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

Right Out: 0.939 $\pm$ 0.000 χ^2 /NDF: 255721753.7/7

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

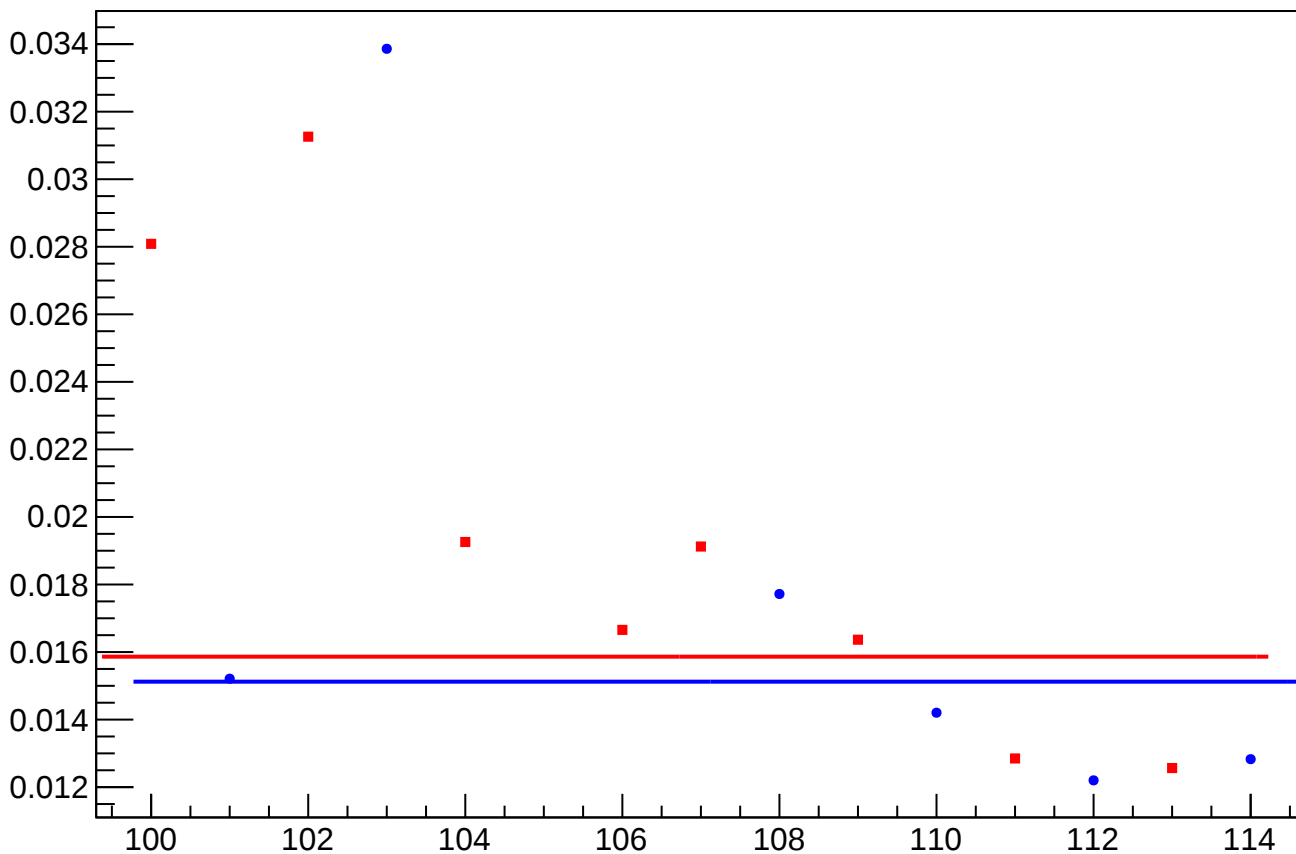
Right: 0.969 $\pm$ 0.000 χ^2 /NDF: 311416994.2/13

In: 1.002 $\pm$ 0.000 χ^2 /NDF:37449892.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.969 $\pm$ 0.000 χ^2 /NDF: 311416994.2/13

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 391399.8/5

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

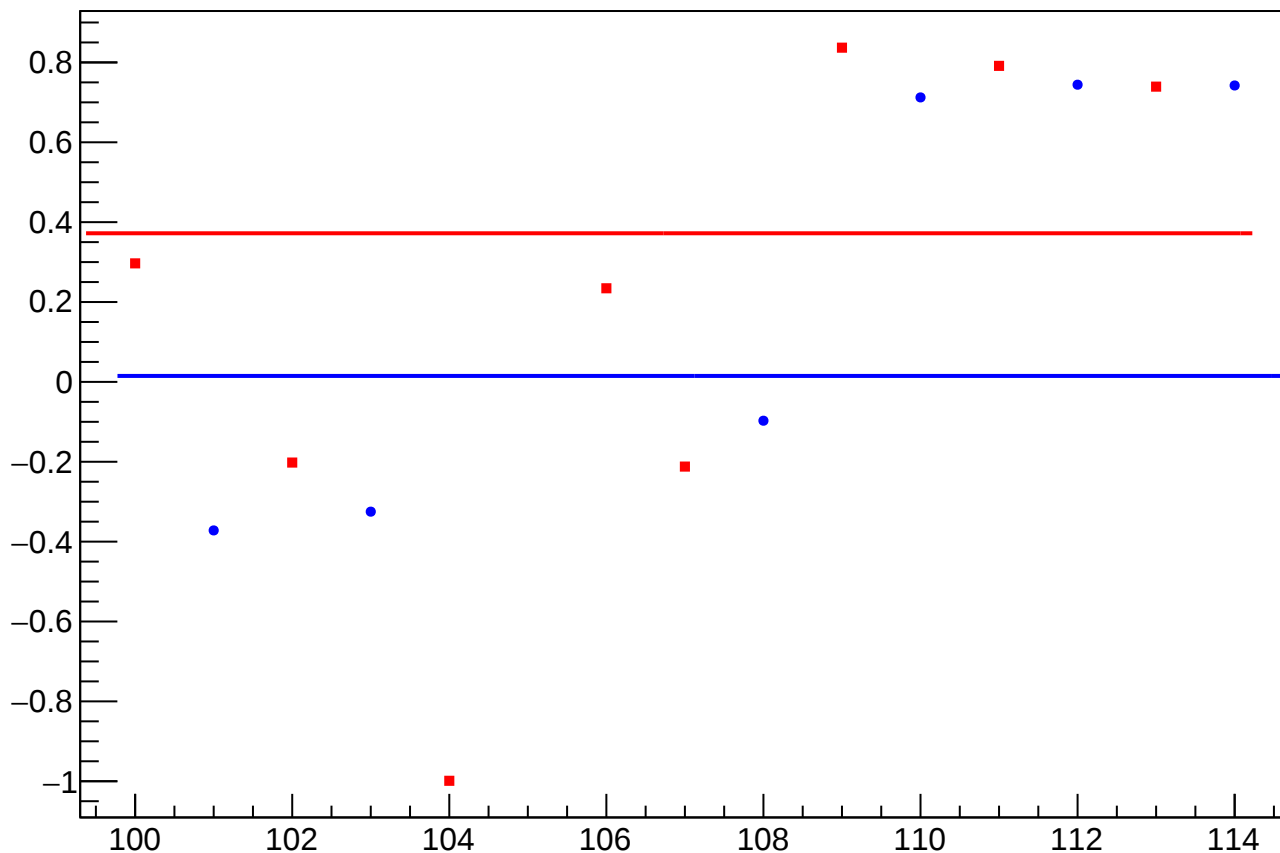
Right: 0.016+/-0.000 χ^2/NDF : 800297.7/13

In: 0.015+/-0.000 χ^2/NDF : 391399.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 800297.7/13

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 1549615412.9/5

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

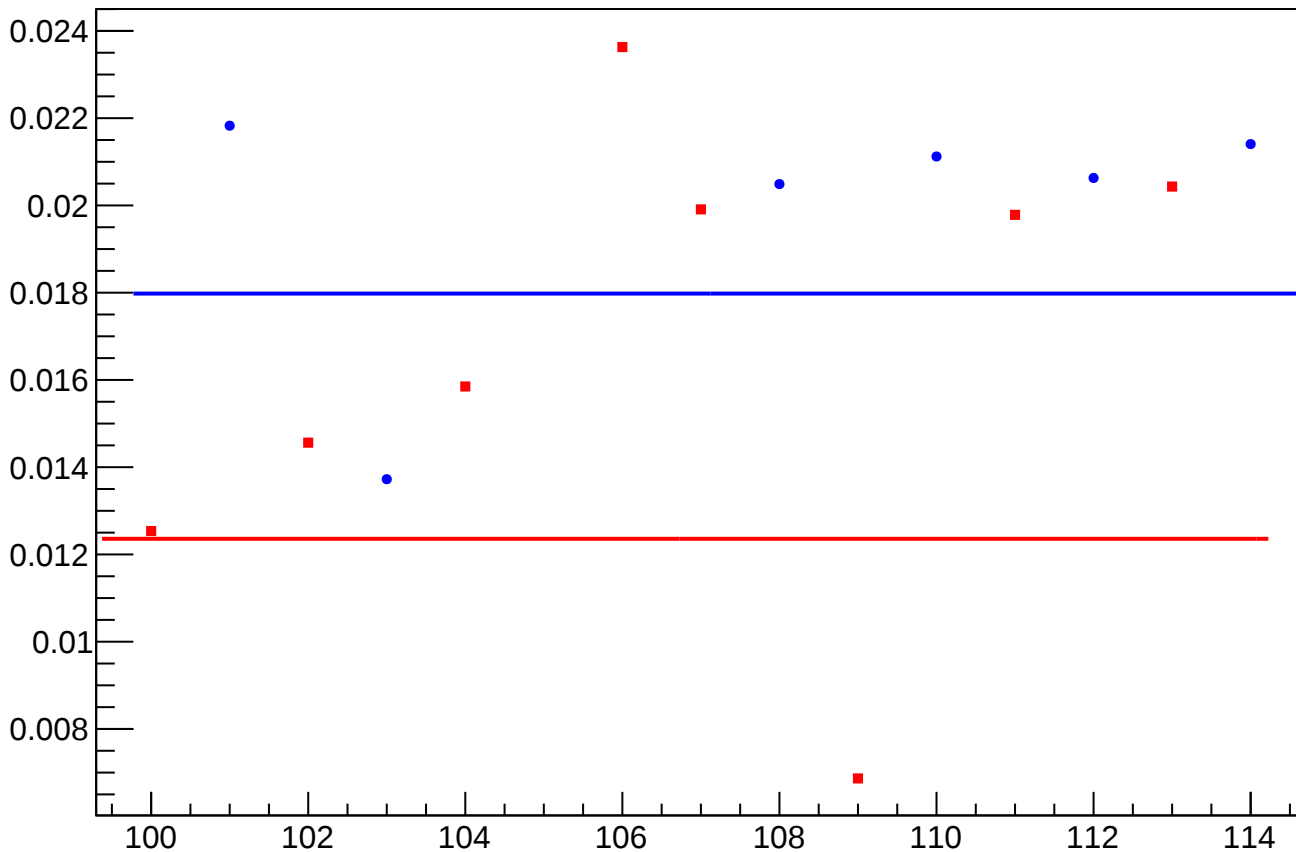
Right: 0.259+/-0.000 χ^2/NDF : 7987916518.8/13

In: 0.015+/-0.000 χ^2/NDF : 1549615412.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.259+/-0.000 χ^2/NDF : 7987916518.8/13

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 177952.4/5

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

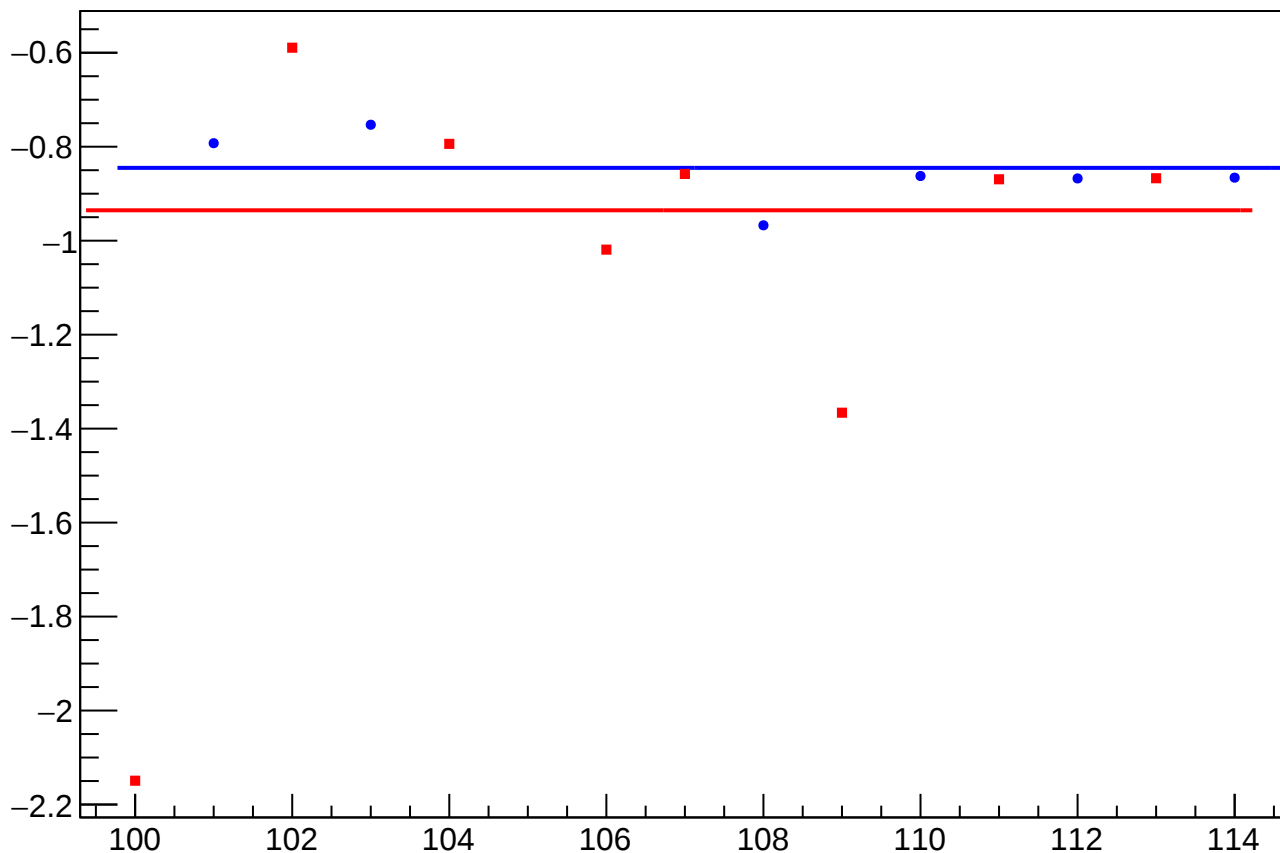
Right: 0.014+/-0.000 χ^2/NDF : 1381726.1/13

In: 0.018+/-0.000 χ^2/NDF :177952.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 1381726.1/13

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.845+/-0.000 χ^2/NDF : 5880854.9/5

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

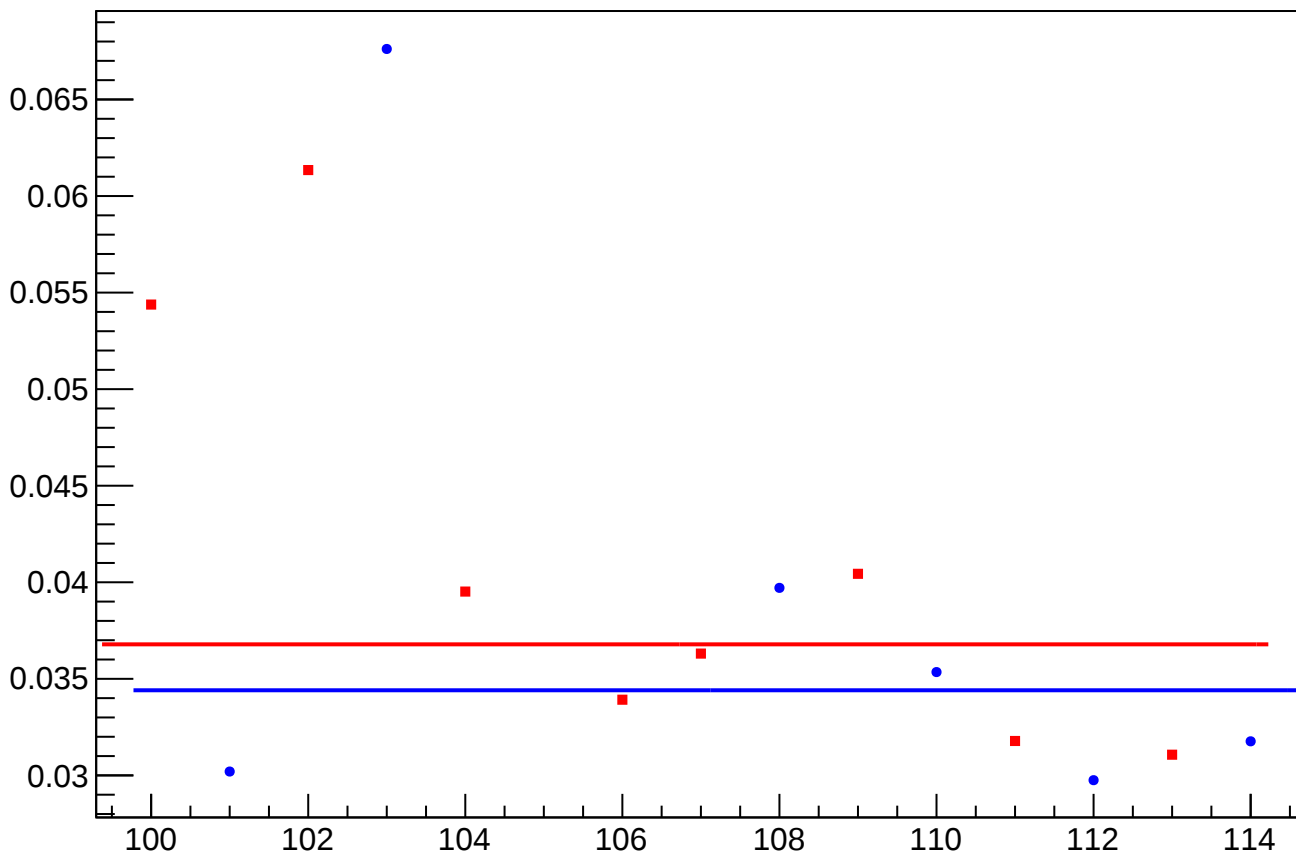
Right: -0.892+/-0.000 χ^2/NDF : 118917680.2/13

In: -0.845+/-0.000 χ^2/NDF : 5880854.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.892+/-0.000 χ^2/NDF : 118917680.2/13

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.034+/-0.000 χ^2/NDF : 301556.1/5

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

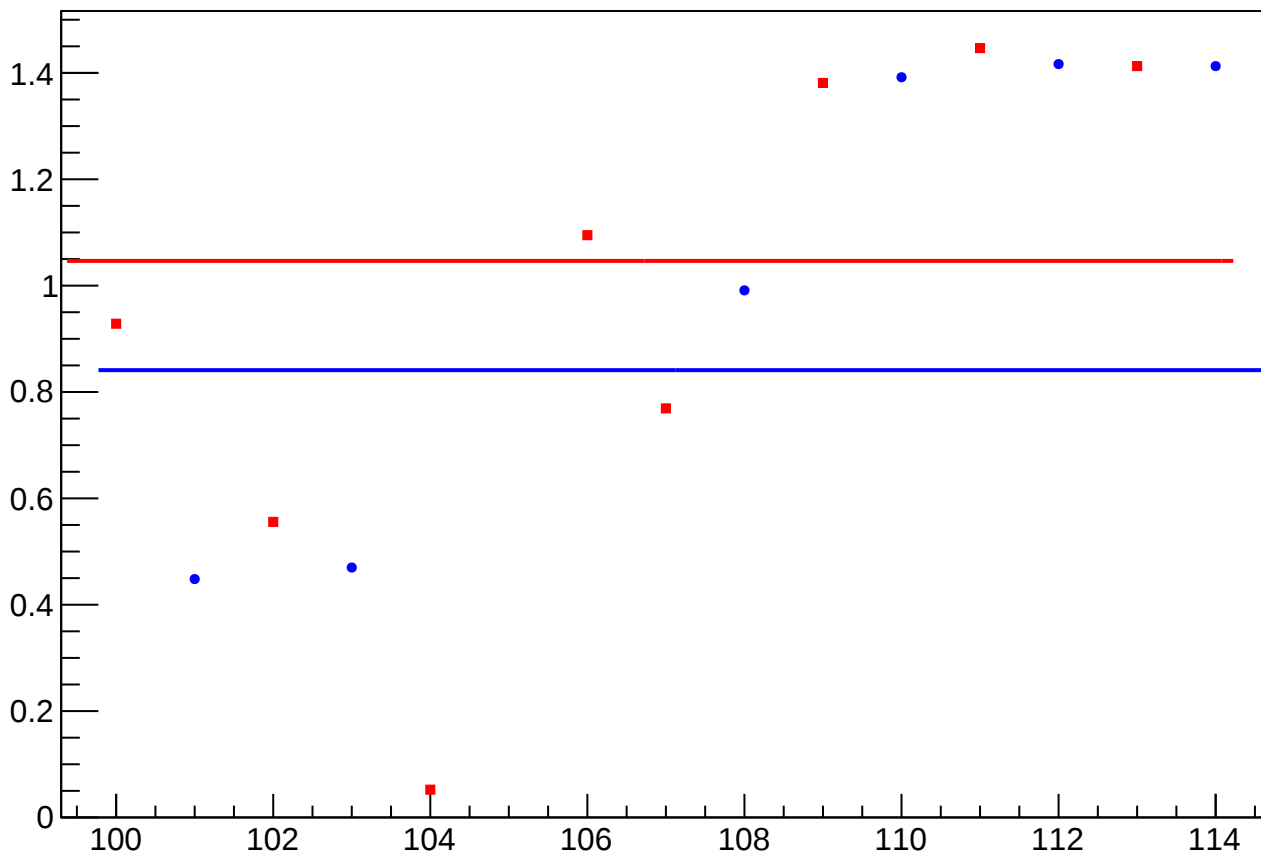
Right: 0.036+/-0.000 χ^2/NDF : 539937.5/13

In: 0.034+/-0.000 χ^2/NDF : 301556.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.036+/-0.000 χ^2/NDF : 539937.5/13

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.841+/-0.000 χ^2/NDF : 2573443470.1/5

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

Right Out: 1.047+/-0.000 χ^2/NDF : 5714539284.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

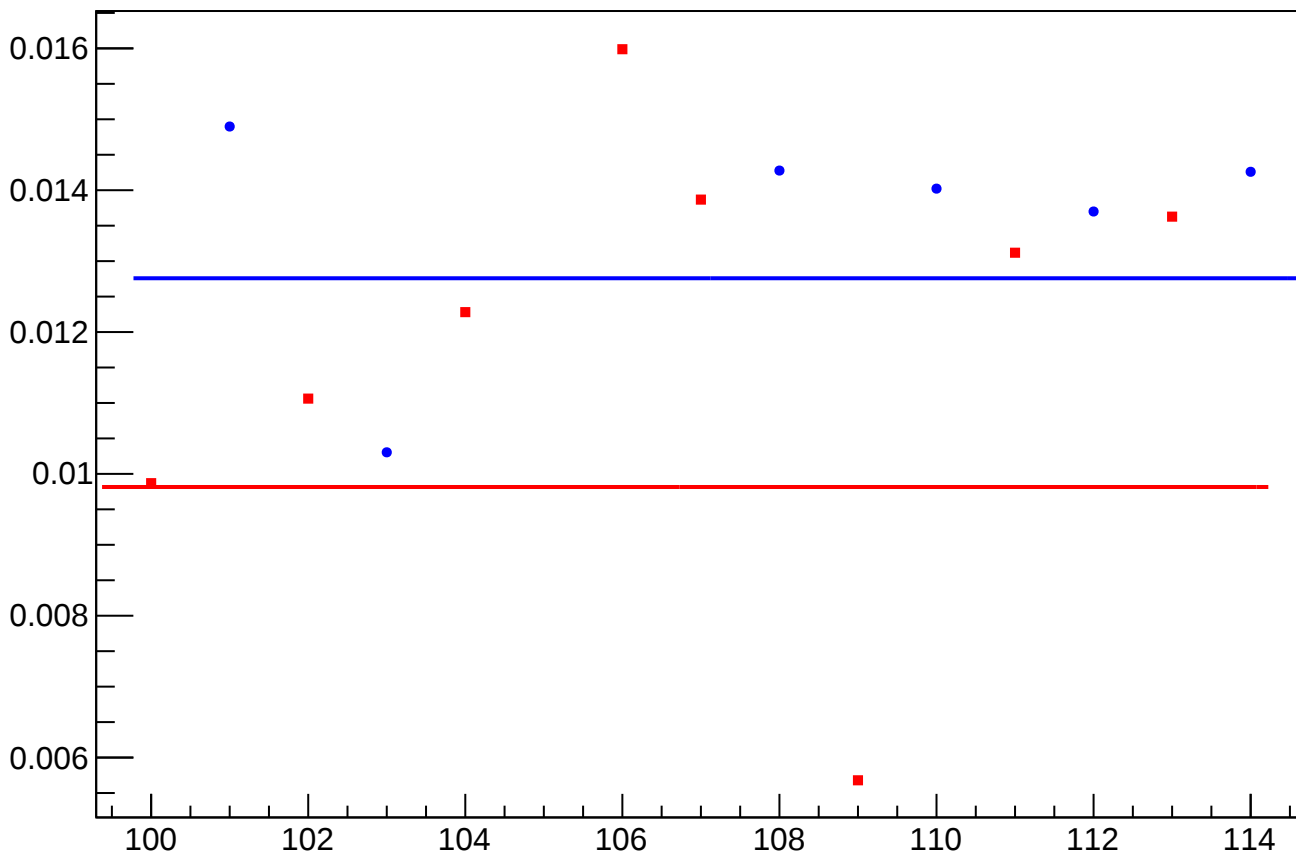
Right: 0.974+/-0.000 χ^2/NDF : 8650261202.7/13

In: 0.841+/-0.000 χ^2/NDF : 2573443470.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.974+/-0.000 χ^2/NDF : 8650261202.7/13

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 99780.9/5

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

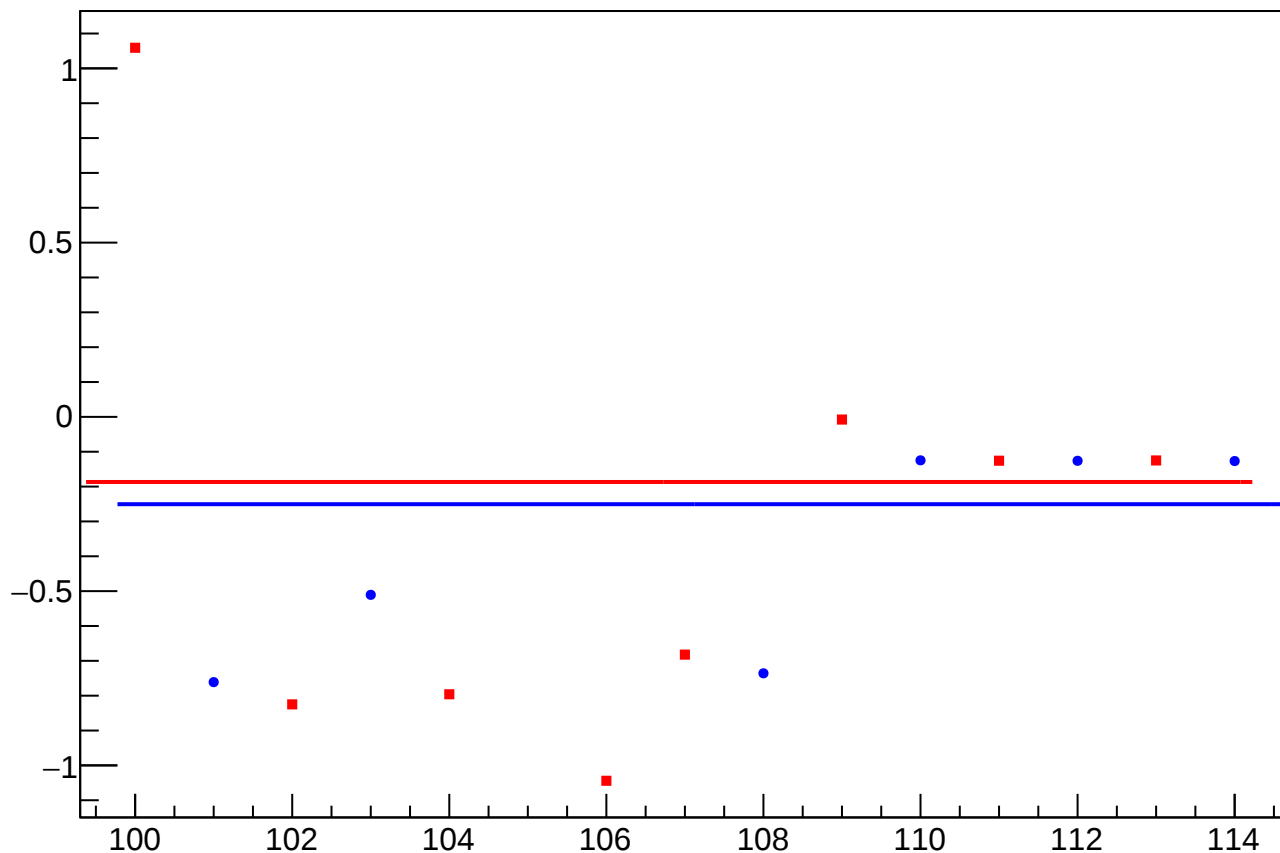
Right: 0.011+/-0.000 χ^2/NDF : 875558.2/13

In: 0.013+/-0.000 χ^2/NDF :99780.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 875558.2/13

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.251+/-0.000 χ^2/NDF : 307373991.4/5

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

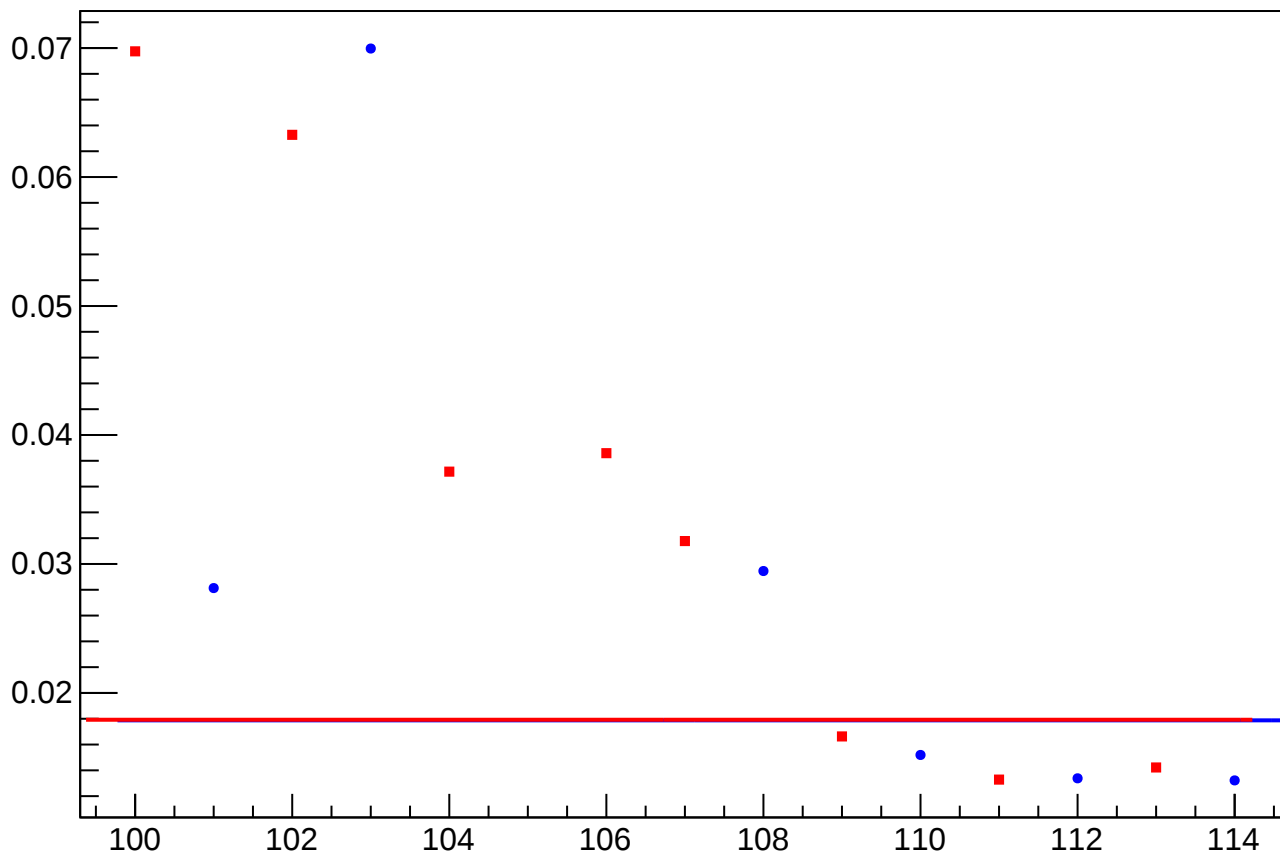
Right: -0.216+/-0.000 χ^2/NDF : 727351924.8/13

In: -0.251+/-0.000 χ^2/NDF :307373991.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.216+/-0.000 χ^2/NDF : 727351924.8/13

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 954461.5/5

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

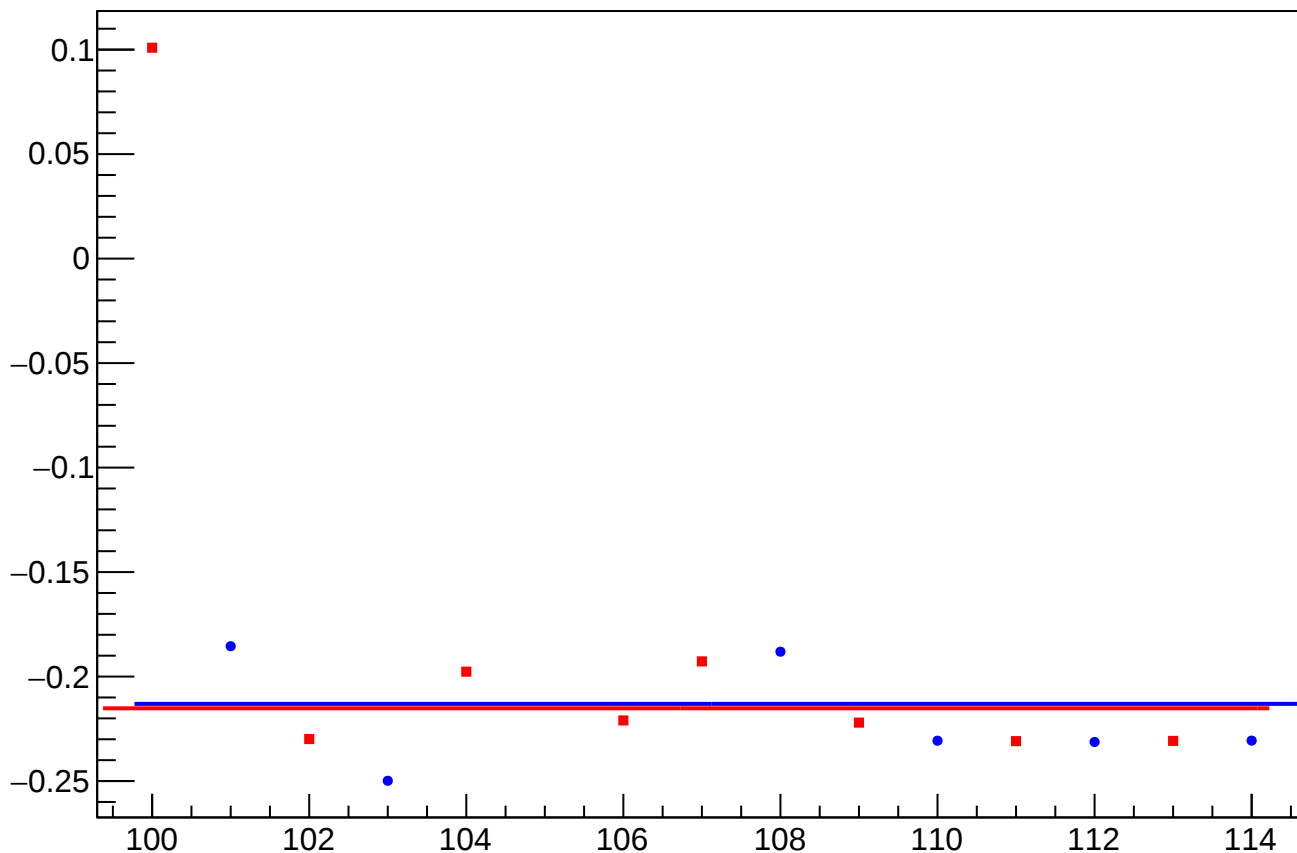
Right: 0.018+/-0.000 χ^2/NDF : 2099661.9/13

In: 0.018+/-0.000 χ^2/NDF : 954461.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.000 χ^2/NDF : 2099661.9/13

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.213+/-0.000 χ^2/NDF : 57186749.2/5

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

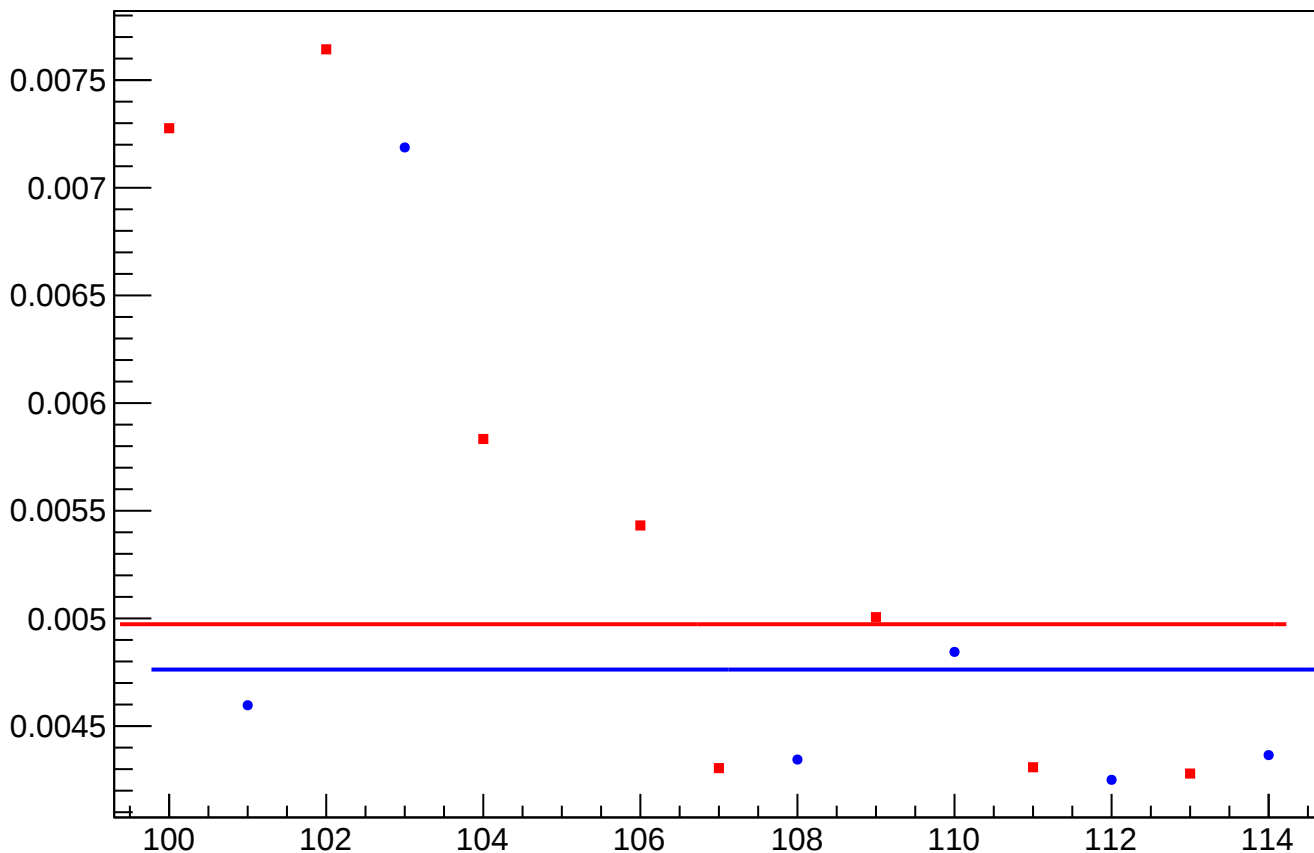
Right: -0.214+/-0.000 χ^2/NDF : 211733969.2/13

In: -0.213+/-0.000 χ^2/NDF : 57186749.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.214+/-0.000 χ^2/NDF : 211733969.2/13

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 142016.6/5

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

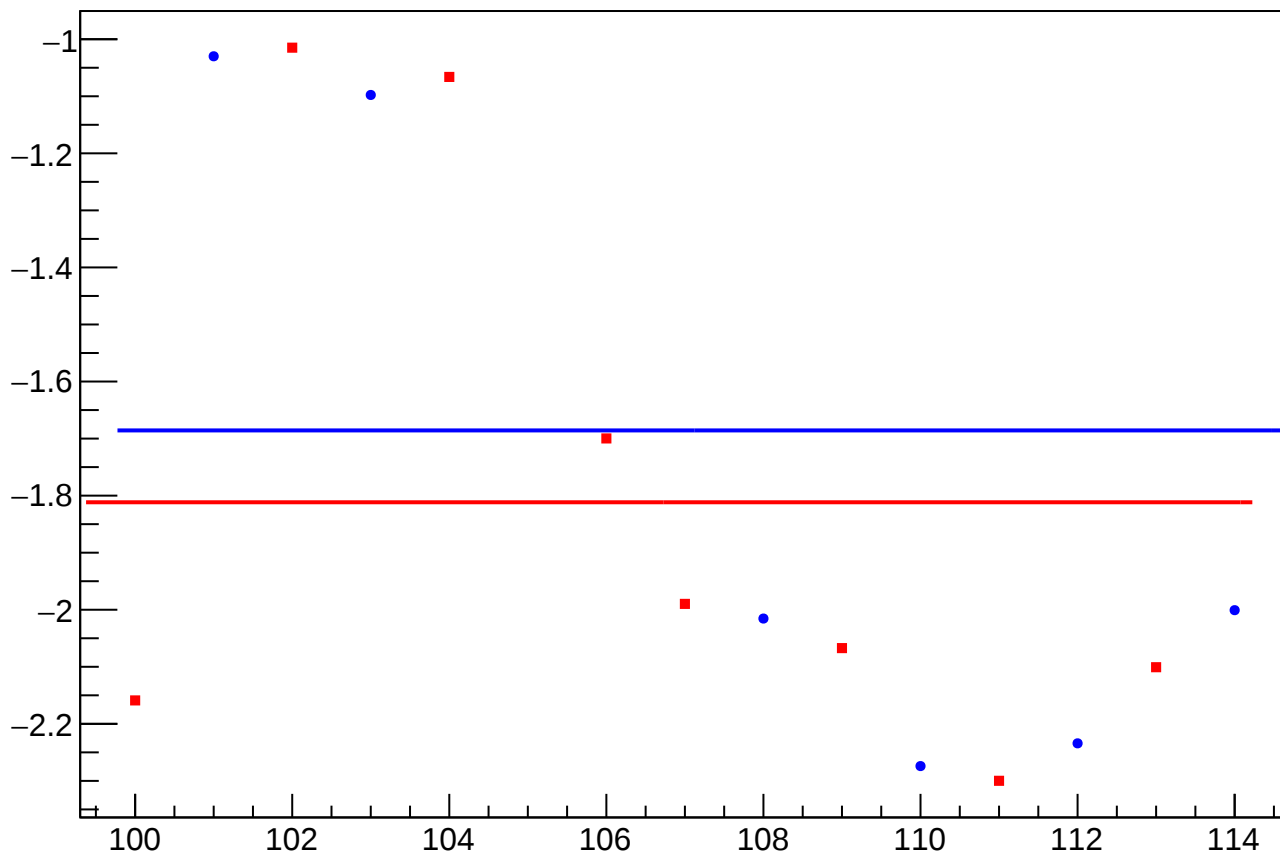
Right: 0.005+/-0.000 χ^2/NDF : 361880.1/13

In: 0.005+/-0.000 χ^2/NDF :142016.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 361880.1/13

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.686+/-0.000 χ^2/NDF : 14850690801.9/5

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

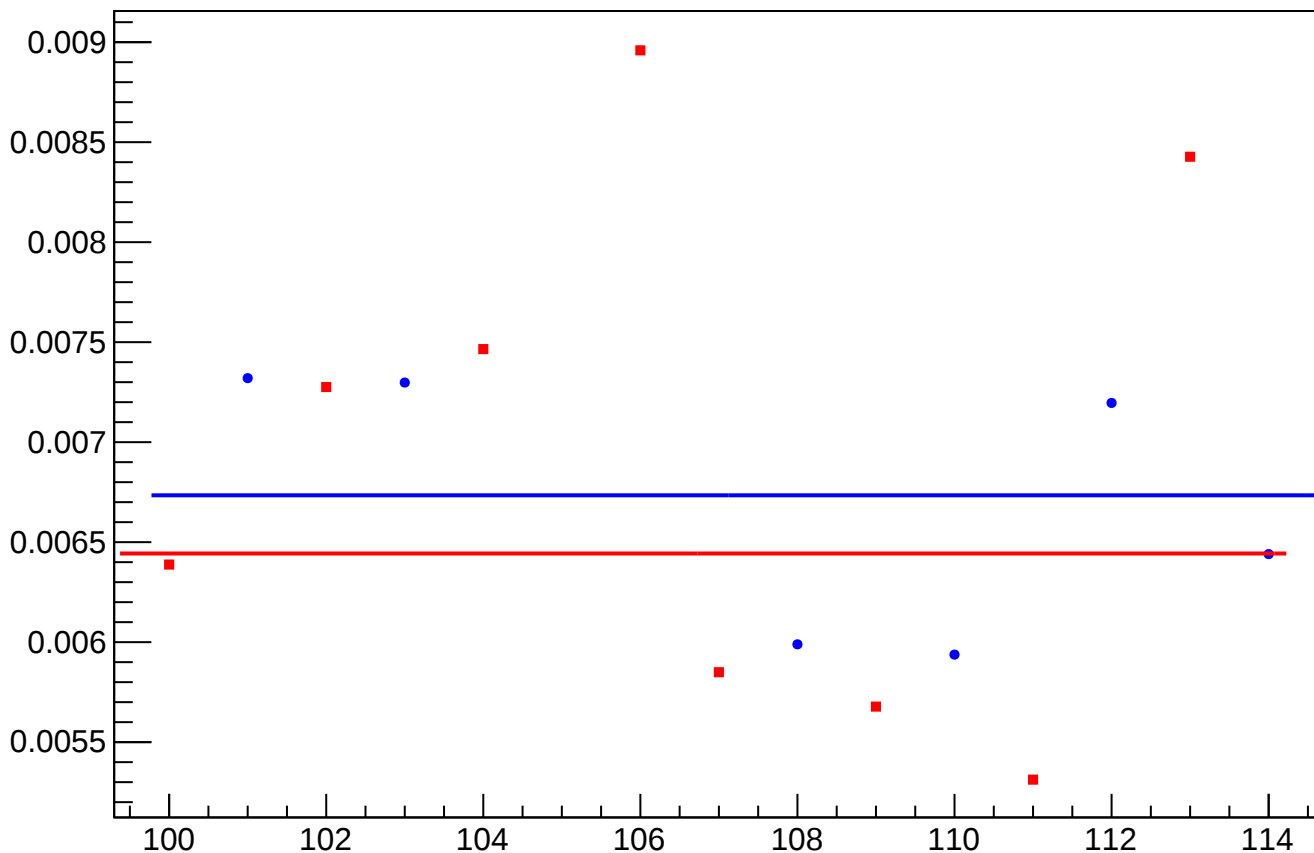
Right: -1.758+/-0.000 χ^2/NDF : 32120546416.2/13

In: -1.686+/-0.000 χ^2/NDF : 14850690801.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.758+/-0.000 χ^2/NDF : 32120546416.2/13

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 40315.8/5

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

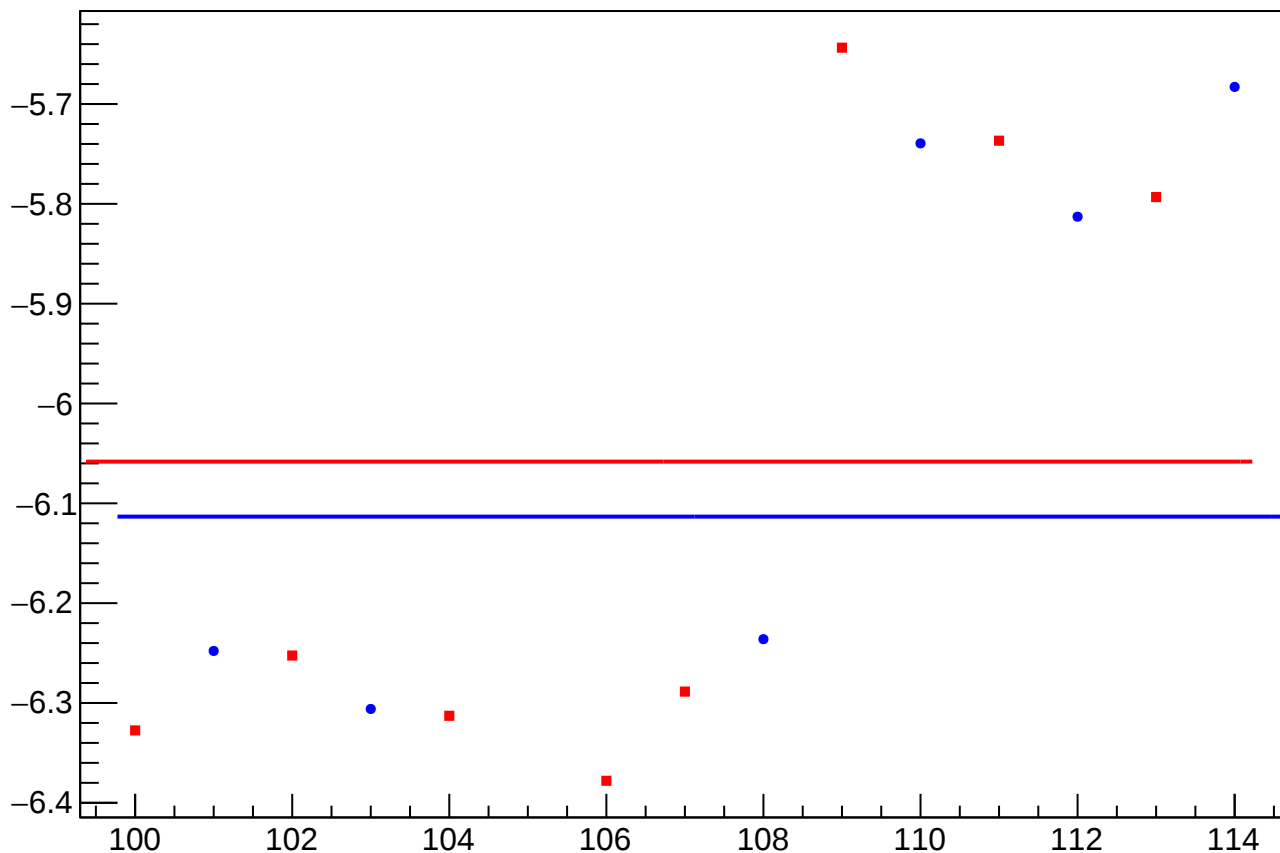
Right: 0.007+/-0.000 χ^2/NDF : 215153.6/13

In: 0.007+/-0.000 χ^2/NDF : 40315.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 215153.6/13

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -6.113+/-0.000 χ^2/NDF : 4139649312.5/5

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

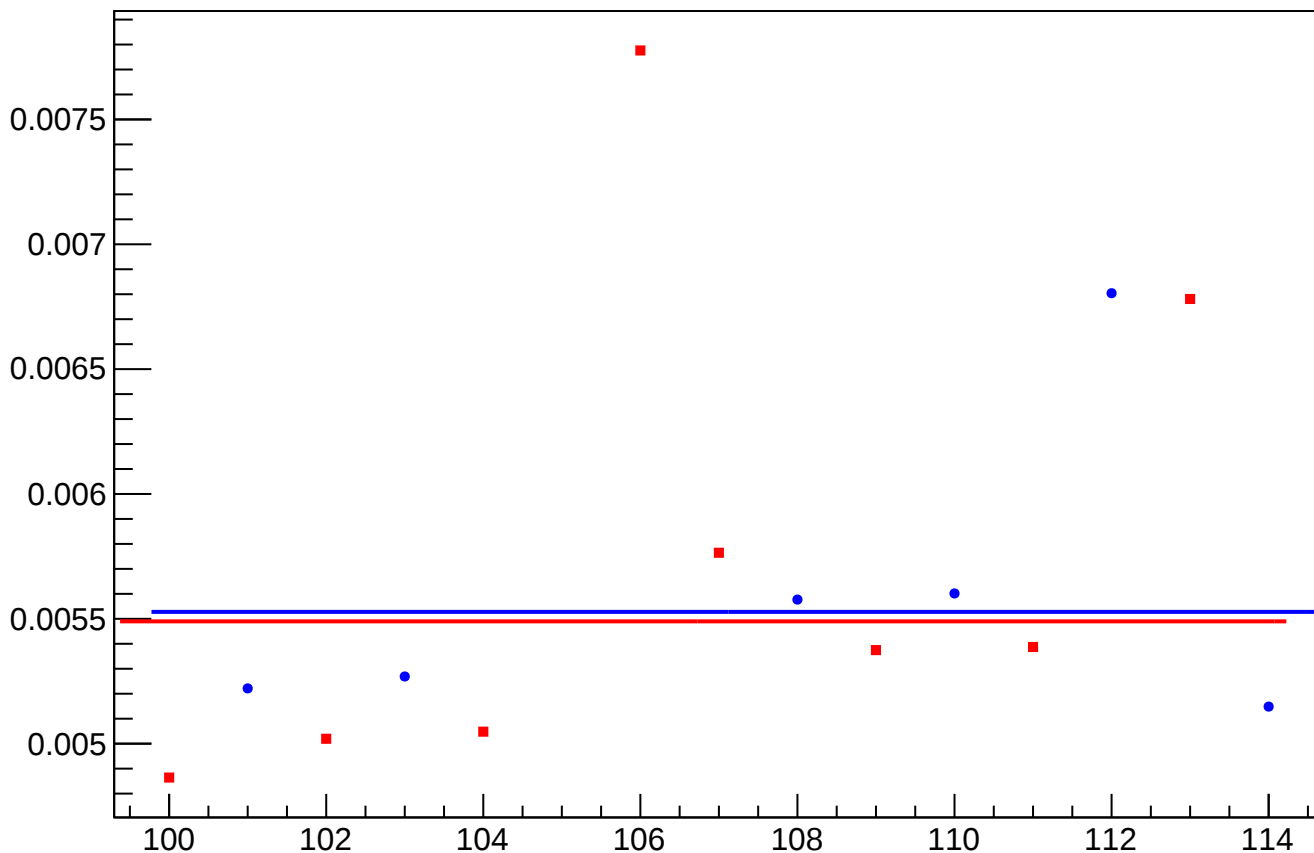
Right: -6.082+/-0.000 χ^2/NDF : 12128806272.2/13

In: -6.113+/-0.000 χ^2/NDF :4139649312.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.082+/-0.000 χ^2/NDF : 12128806272.2/22

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 37442.3/5

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

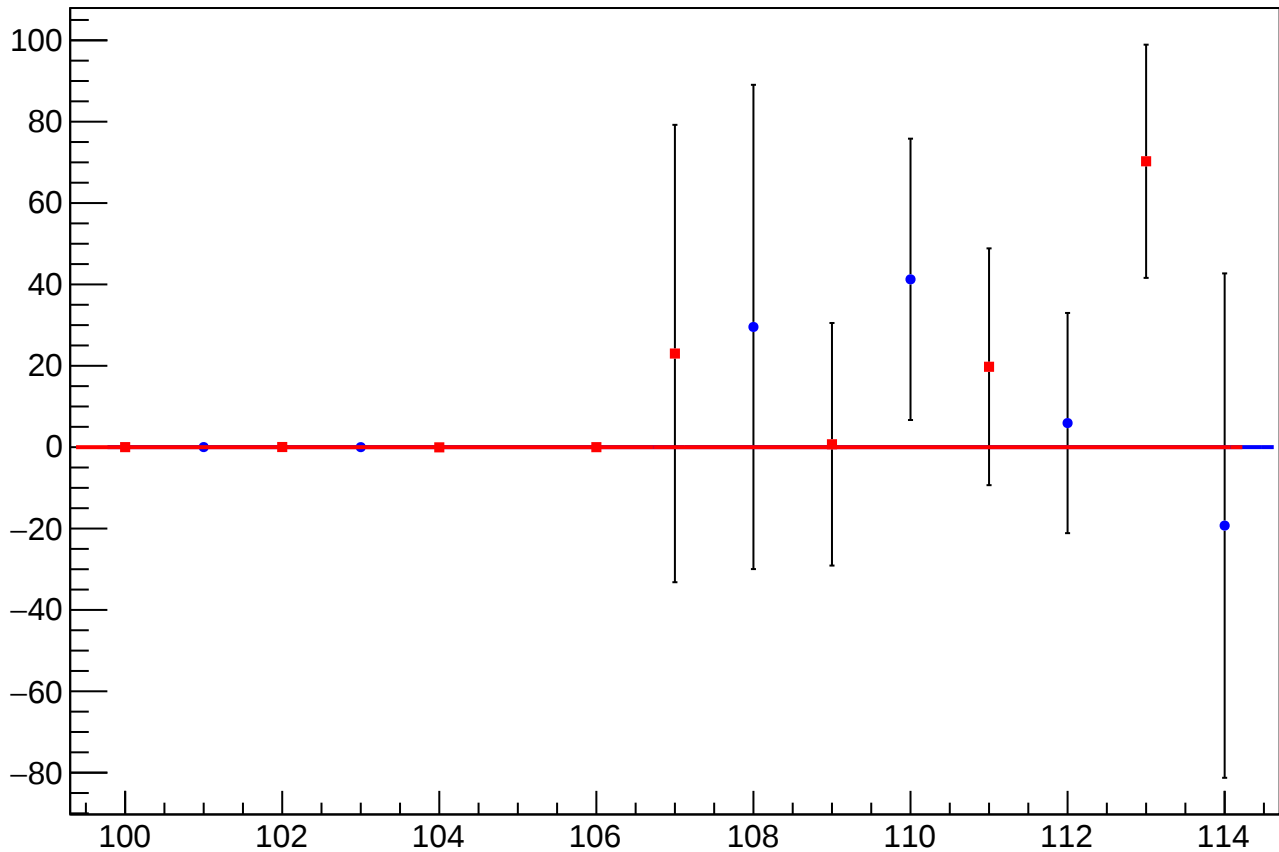
Right: 0.006+/-0.000 χ^2/NDF : 129001.5/13

In: 0.006+/-0.000 χ^2/NDF :37442.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 129001.5/13

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.017 χ^2/NDF : 2.0/5

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

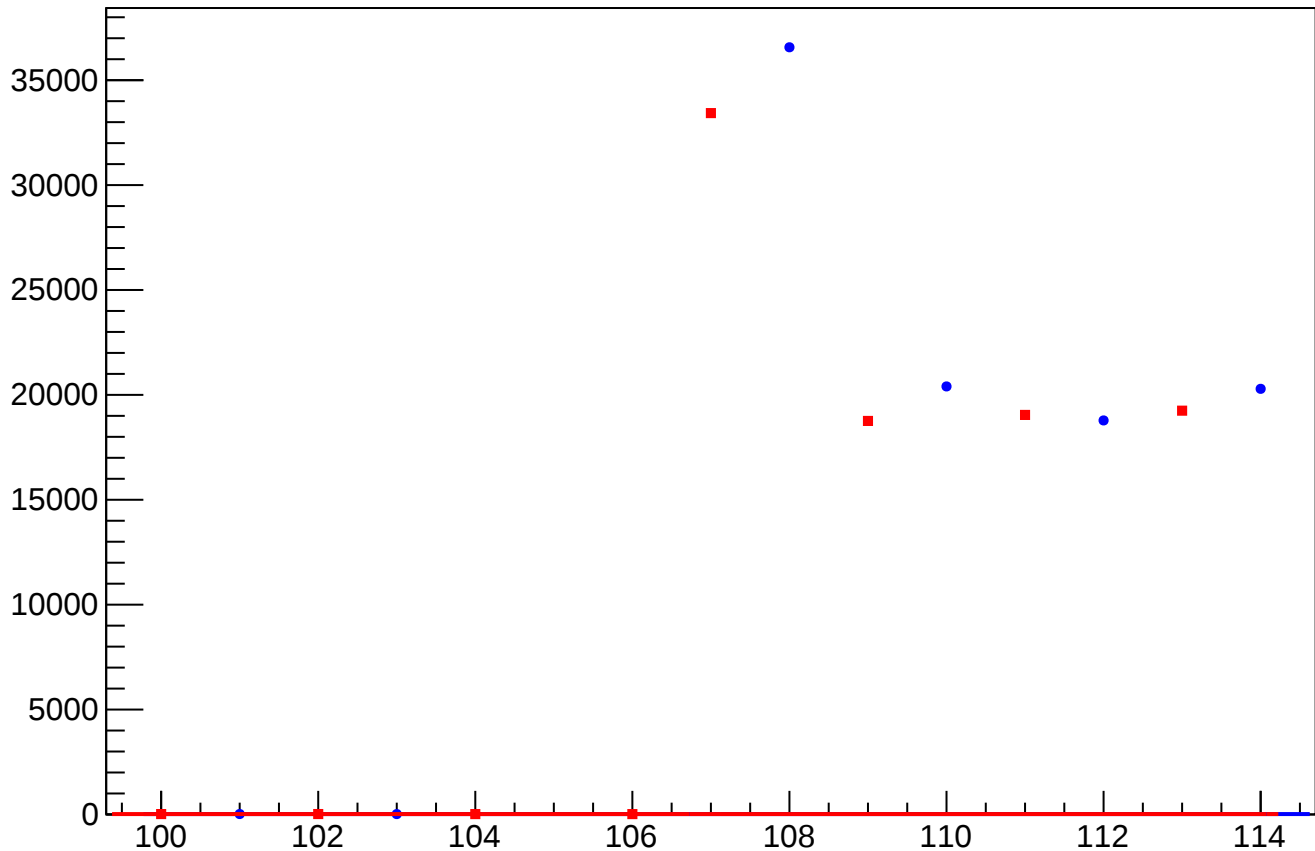
Right: 0.004+/-0.012 χ^2/NDF : 13.9/13

In: 0.013+/-0.017 χ^2/NDF : 2.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.012 χ^2/NDF : 13.9/13

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 18.578+/-0.012 χ^2/NDF : 2636986.8/5

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

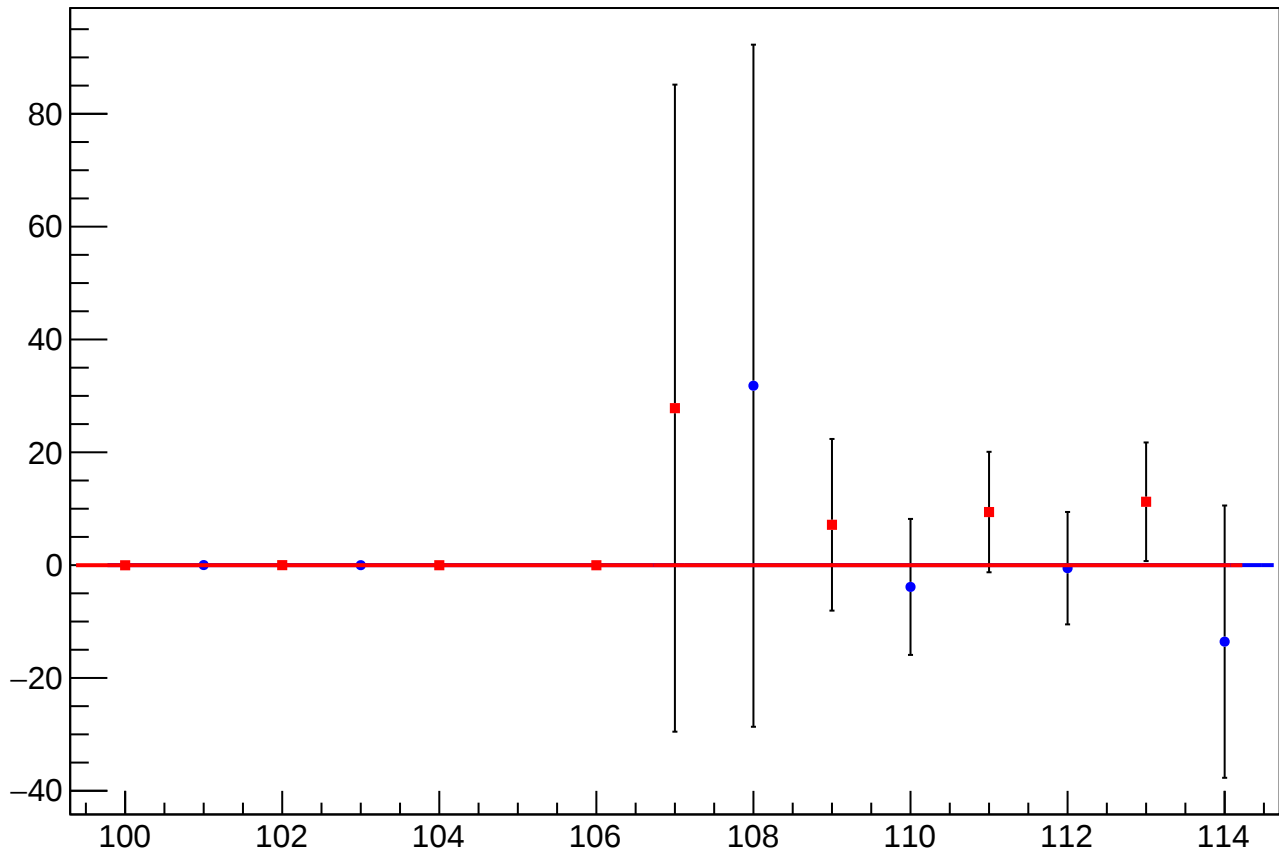
Right: 18.408+/-0.008 χ^2/NDF : 5902240.6/13

In: 18.578+/-0.012 χ^2/NDF : 2636986.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.408+/-0.008 χ^2/NDF : 5902240.6/13

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.009 χ^2 /NDF: 1.8/5

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

Right Out: -0.014 $\pm$ 0.009 χ^2 /NDF: 3.1/7

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

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

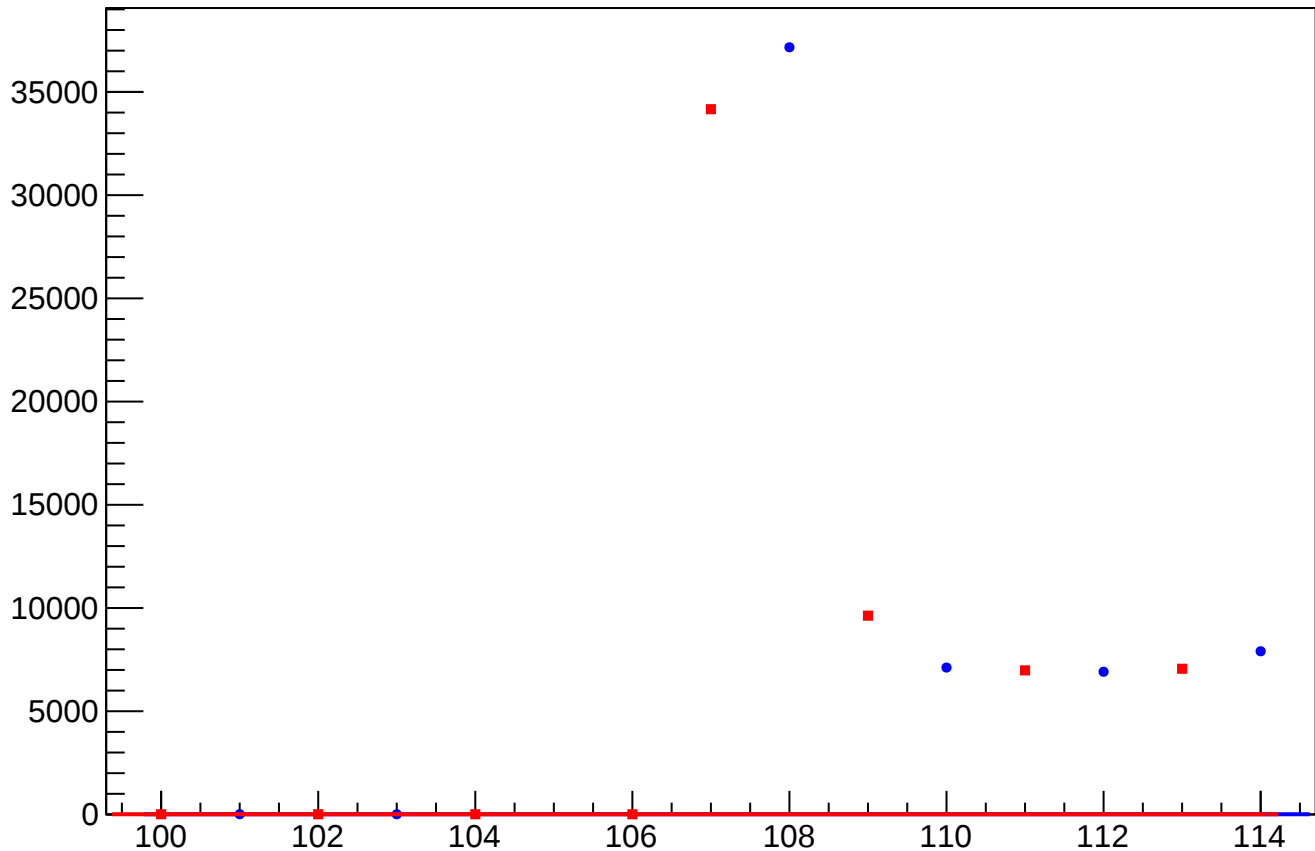
Right: -0.007 $\pm$ 0.006 χ^2 /NDF: 6.3/13

In: 0.001 $\pm$ 0.009 χ^2 /NDF:1.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.006 χ^2 /NDF: 6.3/13

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 9.867+/-0.007 χ^2/NDF : 2635079.9/5

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

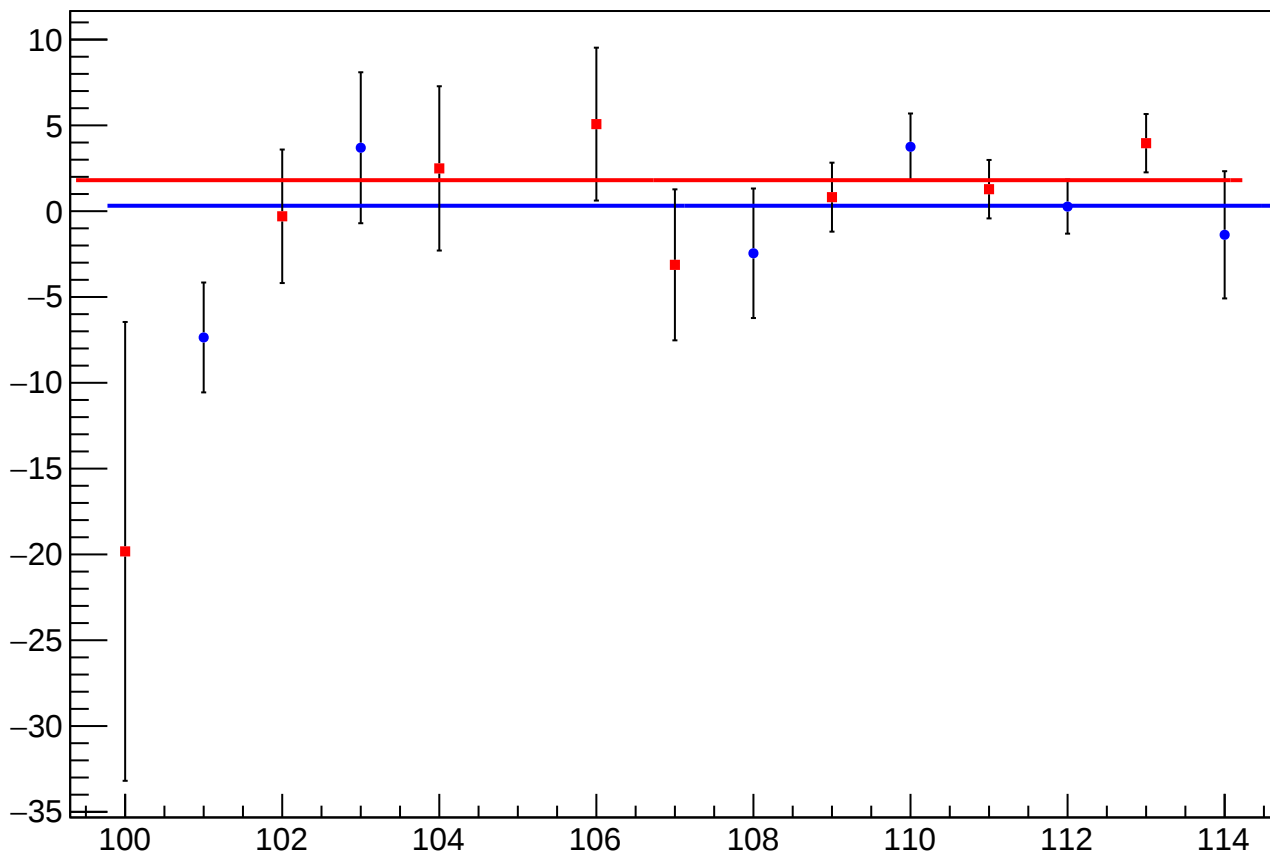
Right: 9.828+/-0.004 χ^2/NDF : 5909921.6/13

In: 9.867+/-0.007 χ^2/NDF :2635079.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 9.828+/-0.004 χ^2/NDF : 5909921.6/13

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: 0.316+/-1.020 χ^2/NDF : 10.2/5

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

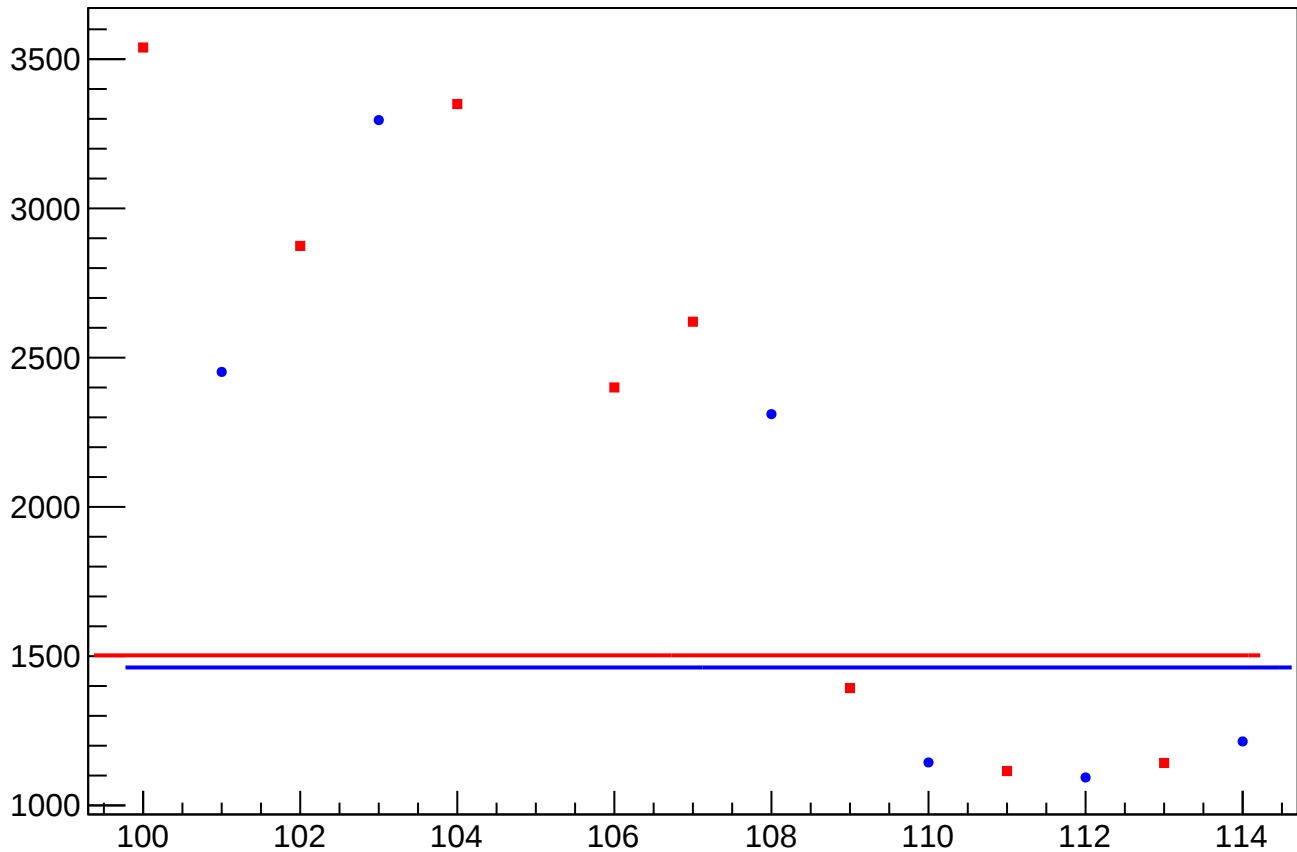
Right: 1.130+/-0.687 χ^2/NDF : 18.1/13

In: 0.316+/-1.020 χ^2/NDF : 10.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.130+/-0.687 χ^2/NDF : 18.1/13

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 1462.097+/-0.721 χ^2/NDF : 812257.5/5

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

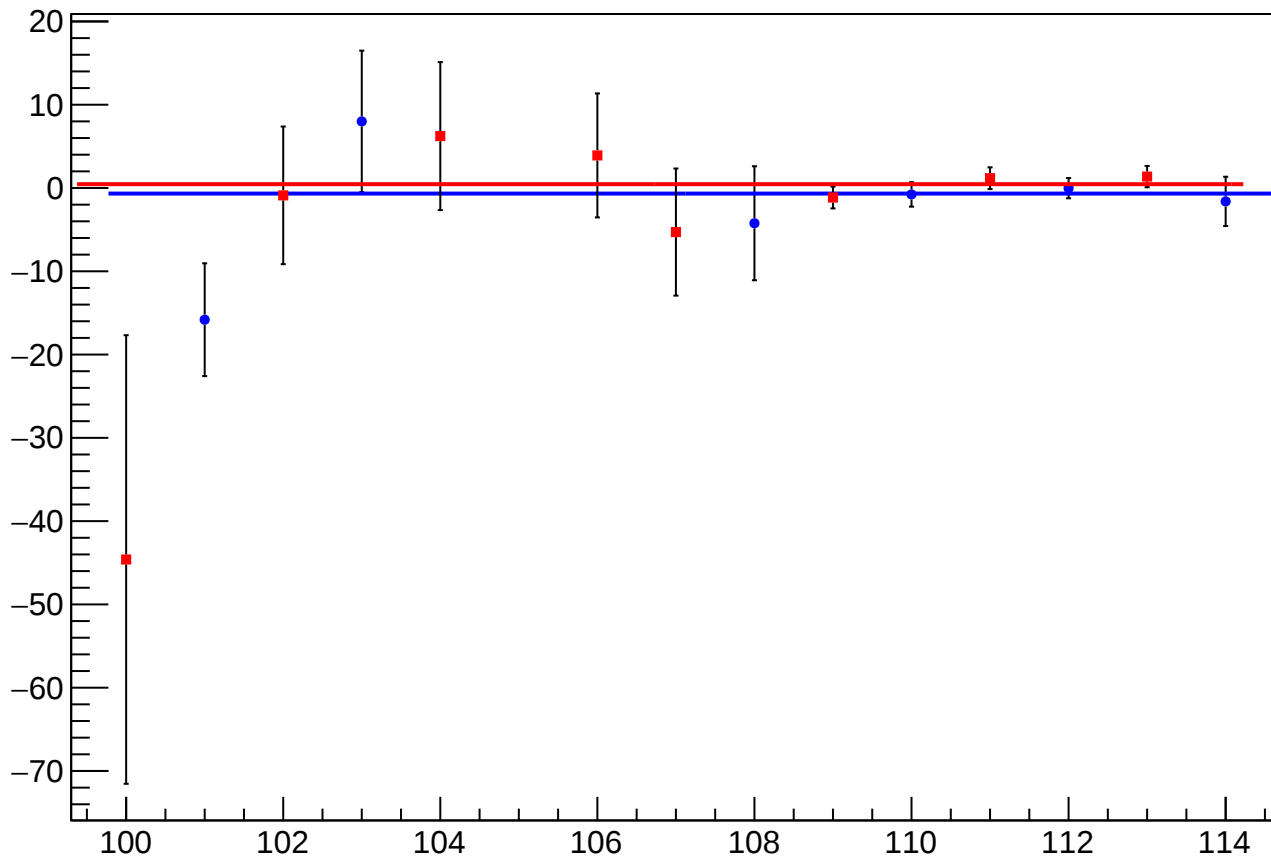
Right: 1484.286+/-0.486 χ^2/NDF : 1816757.8/13

In: 1462.097+/-0.721 χ^2/NDF : 812257.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1484.286+/-0.486 χ^2/NDF : 1816757.8/13

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.669 ± 0.873 χ^2/NDF : 6.7/5

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

Right Out: 0.458 ± 0.736 χ^2/NDF : 6.3/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

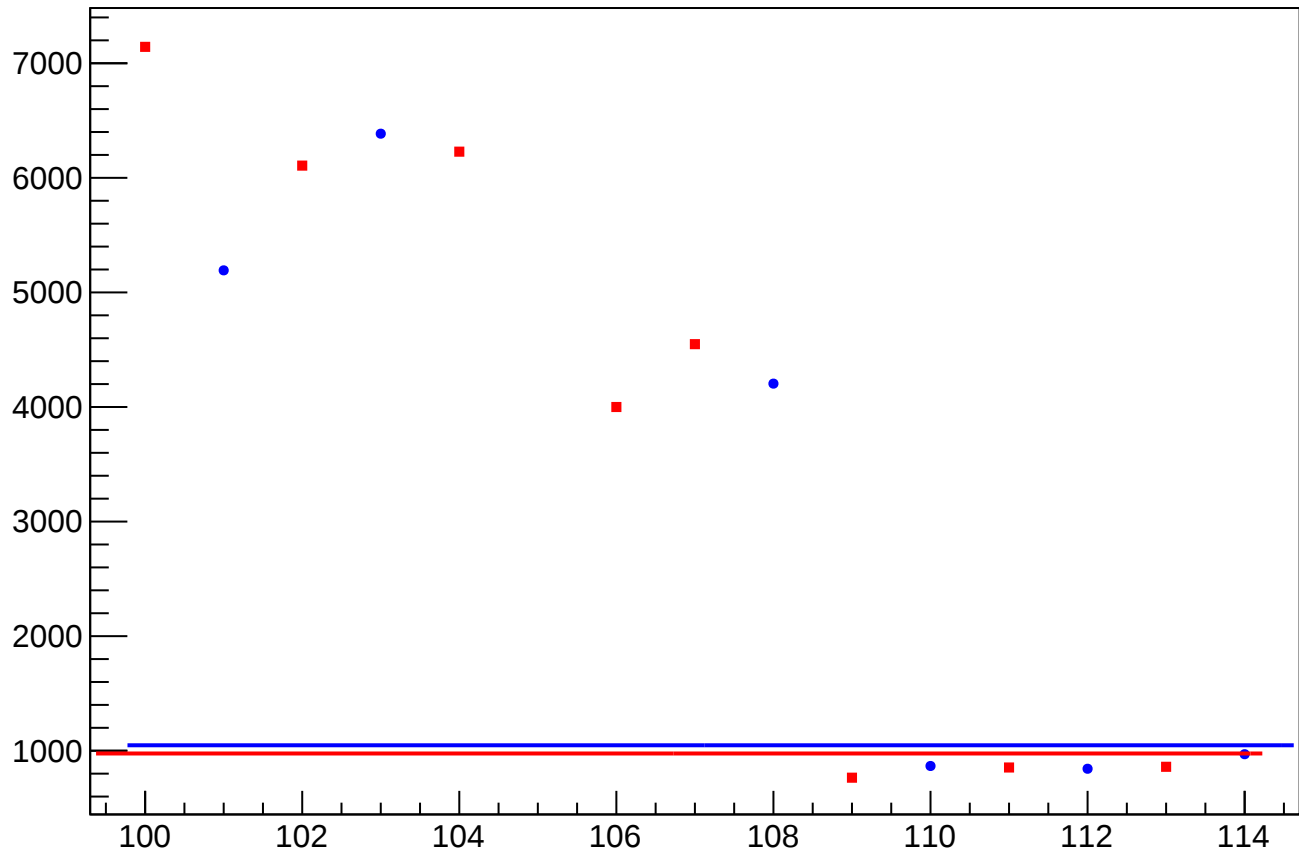
Right: -0.011 ± 0.563 χ^2/NDF : 14.0/13

In: -0.669 ± 0.873 χ^2/NDF : 6.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.563 χ^2/NDF : 14.0/13

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 1047.640+/-0.617 χ^2/NDF : 2052511.2/5

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

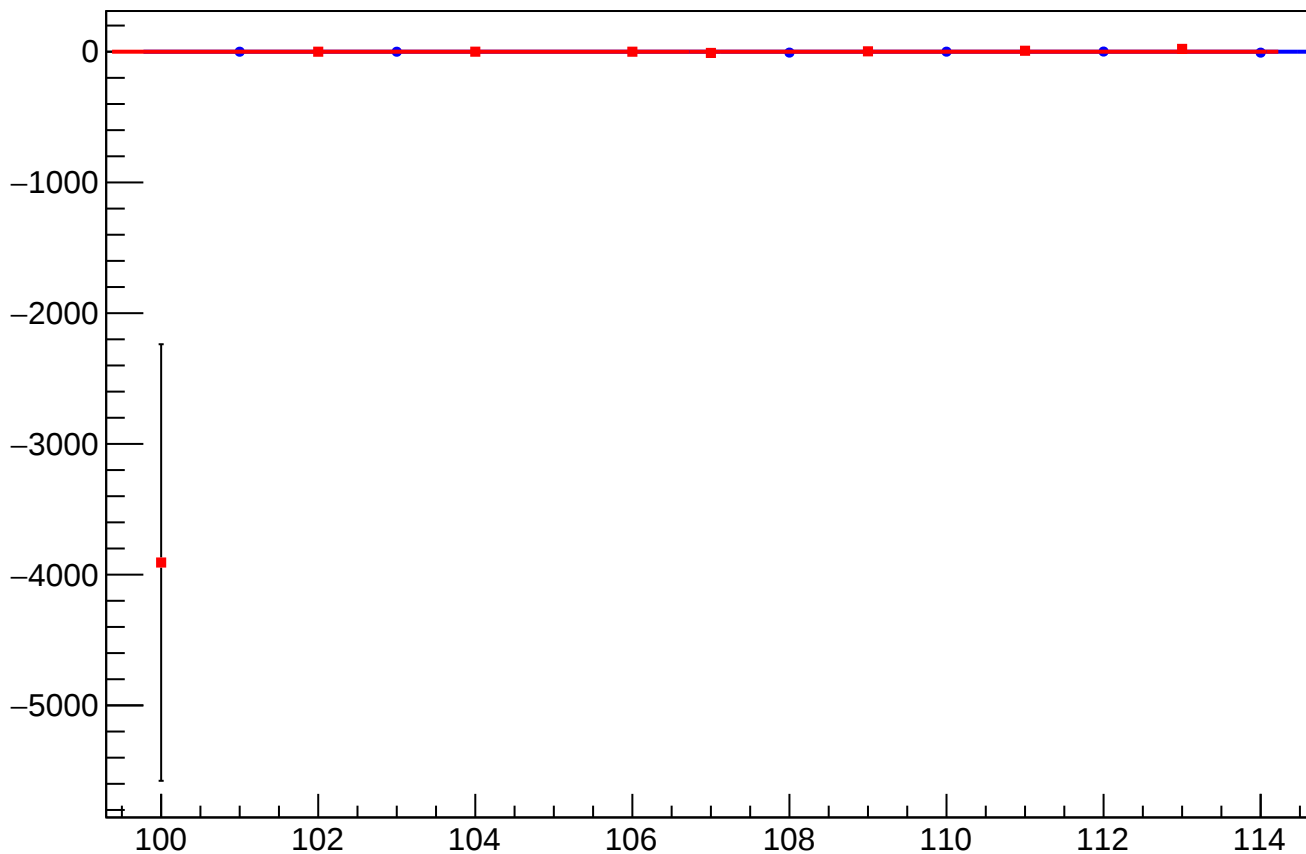
Right: 1005.755+/-0.398 χ^2/NDF : 4489306.0/13

In: 1047.640+/-0.617 χ^2/NDF : 2052511.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1005.755+/-0.398 χ^2/NDF : 4489306.0/13

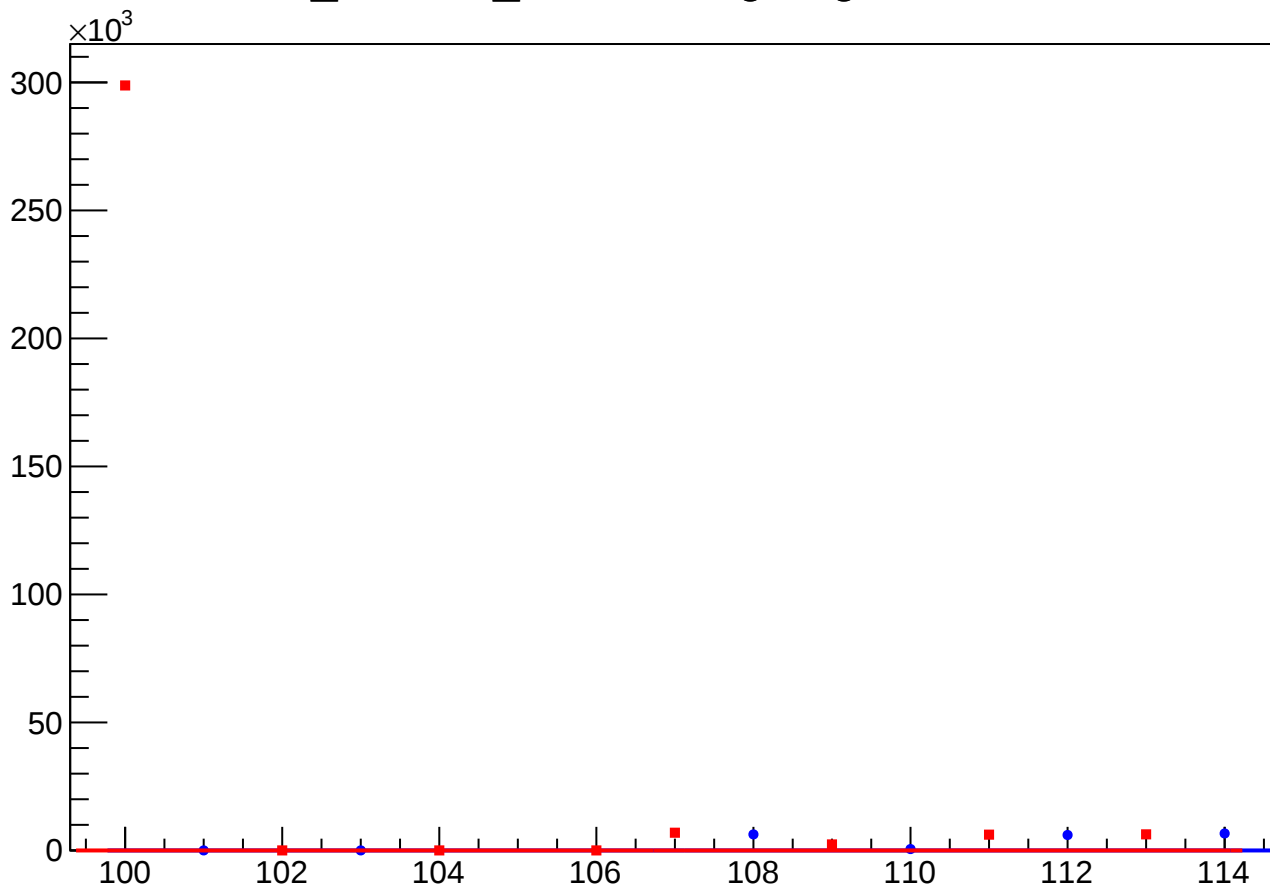
diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.021 χ^2/NDF : 1.1/5
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 : 17.1/13
In: -0.021+/-0.021 χ^2/NDF : 1.1/5
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.004+/-0.014 χ^2/NDF : 17.1/13

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 17.068 ± 0.015 χ^2/NDF : 2166238.8/5

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

Right Out: 17.047 ± 0.014 χ^2/NDF : 2999640.6/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

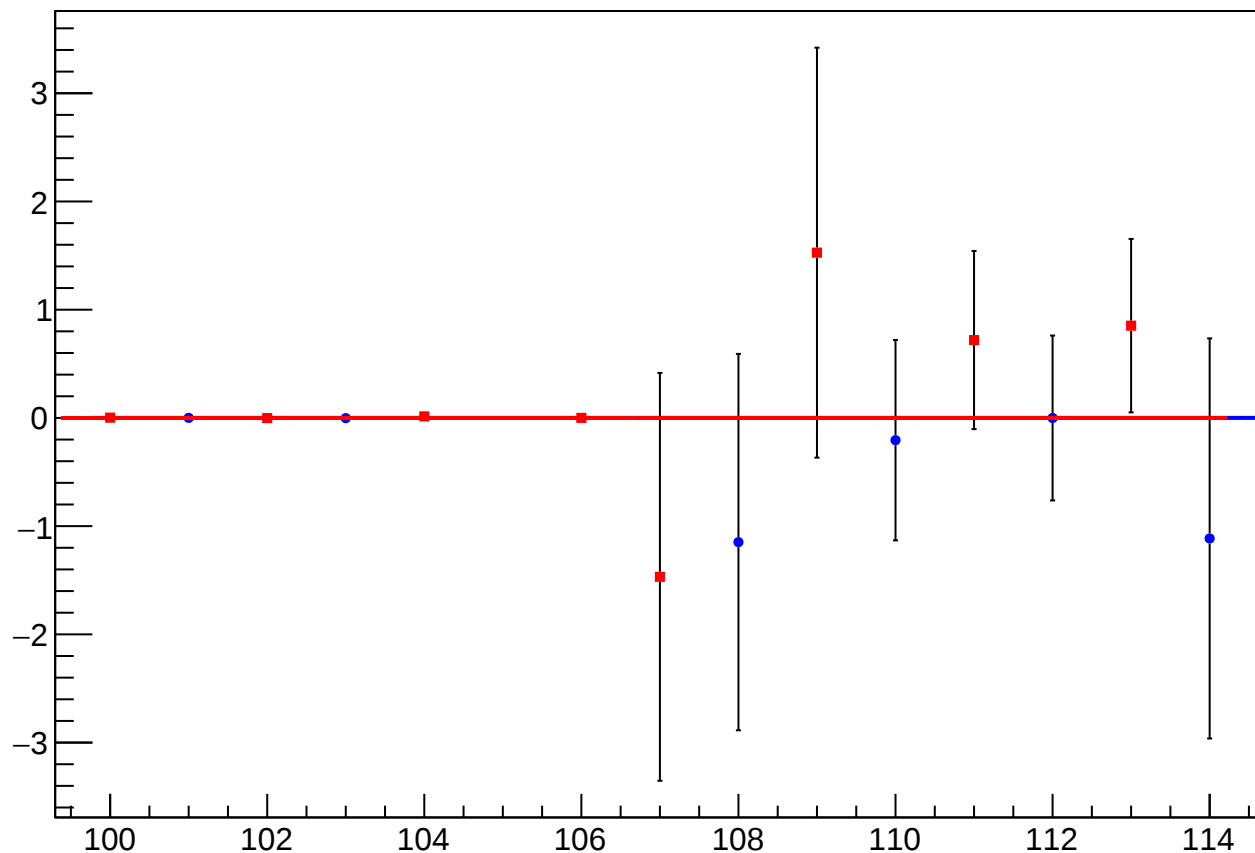
Right: 17.057 ± 0.010 χ^2/NDF : 5165880.5/13

In: 17.068 ± 0.015 χ^2/NDF : 2166238.8/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 17.057 ± 0.010 χ^2/NDF : 5165880.5/13

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.002 χ^2 /NDF: 1.0/5

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

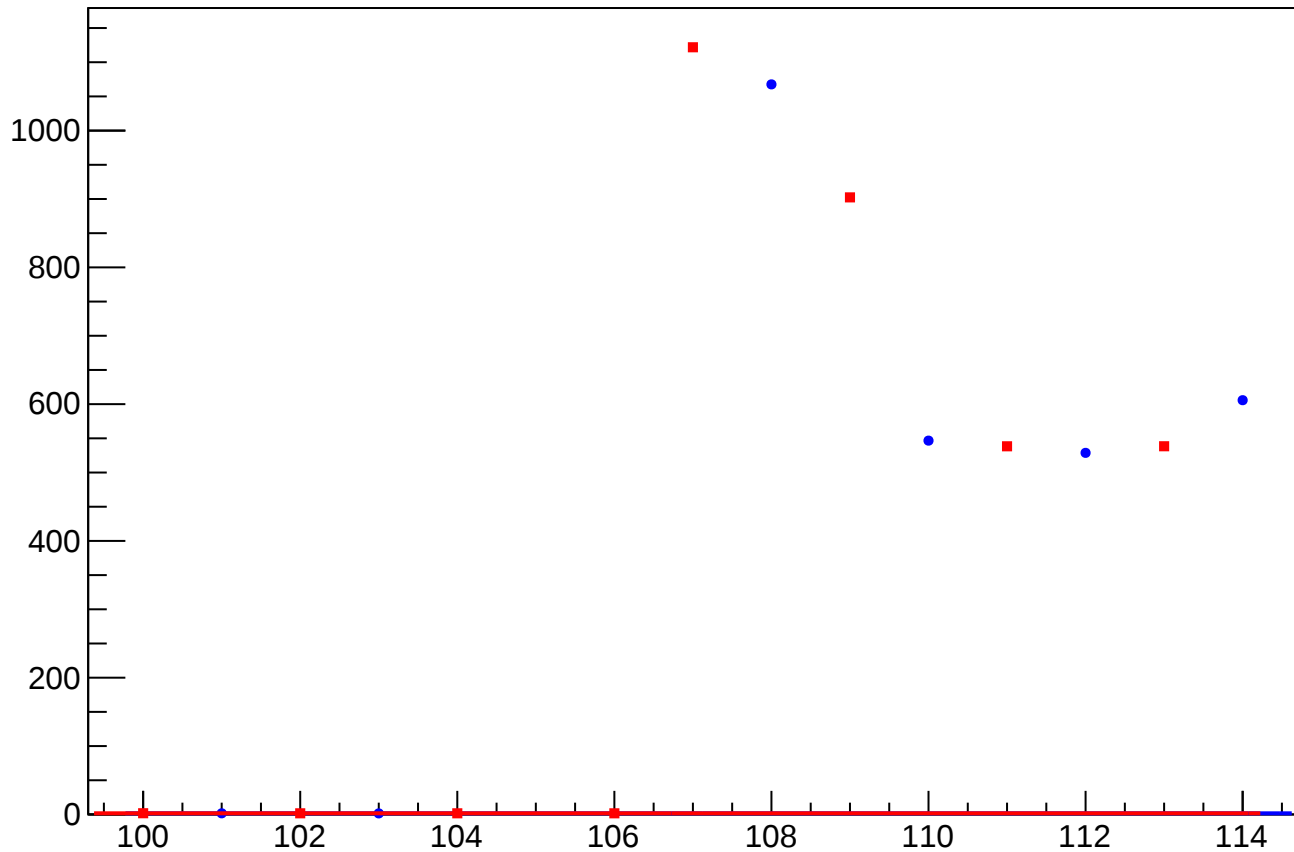
Right: -0.000 $\pm$ 0.001 χ^2 /NDF: 5.3/13

In: 0.000 $\pm$ 0.002 χ^2 /NDF:1.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.001 χ^2 /NDF: 5.3/13

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 1.653+/-0.001 χ^2/NDF : 2616096.5/5

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

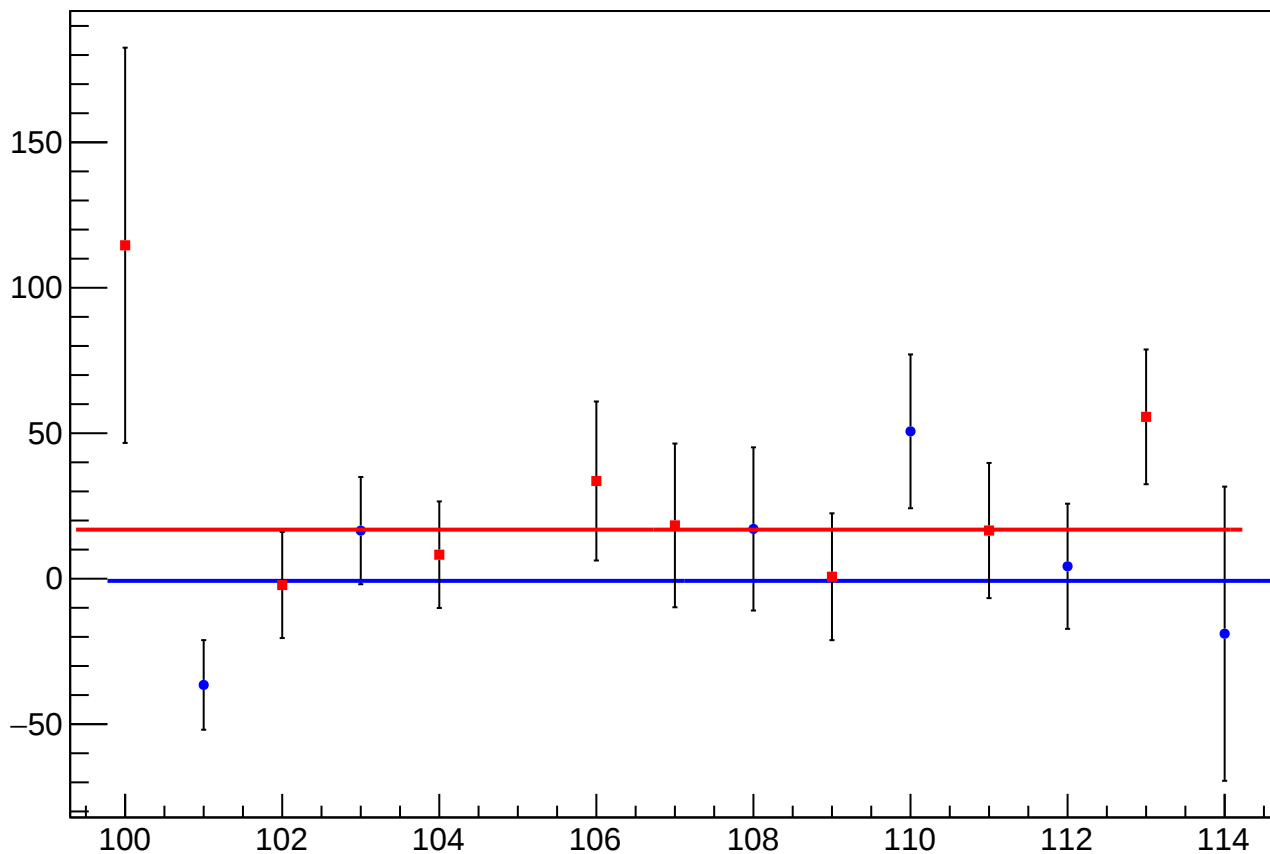
Right: 1.671+/-0.001 χ^2/NDF : 5522975.9/13

In: 1.653+/-0.001 χ^2/NDF : 2616096.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.671+/-0.001 χ^2/NDF : 5522975.9/13

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.741 ± 8.975 χ^2/NDF : 10.6/5

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

Right Out: 16.867 ± 8.267 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

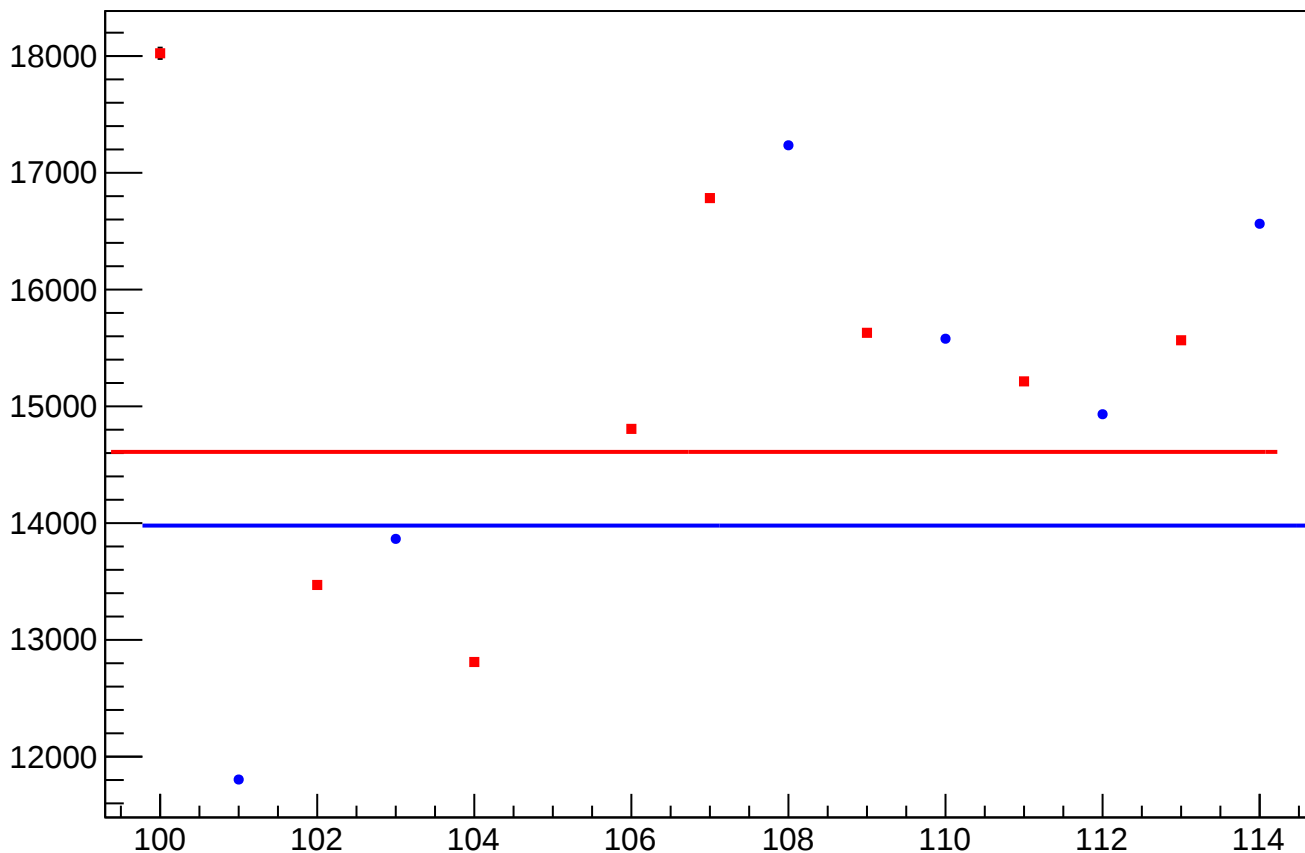
Right: 8.784 ± 6.081 χ^2/NDF : 19.8/13

In: -0.741 ± 8.975 χ^2/NDF : 10.6/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 8.784 ± 6.081 χ^2/NDF : 19.8/13

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 13978.954+/-6.346 χ^2/NDF : 83406.5/5

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

Right Out: 14609.965+/-5.846 χ^2/NDF : 53349.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

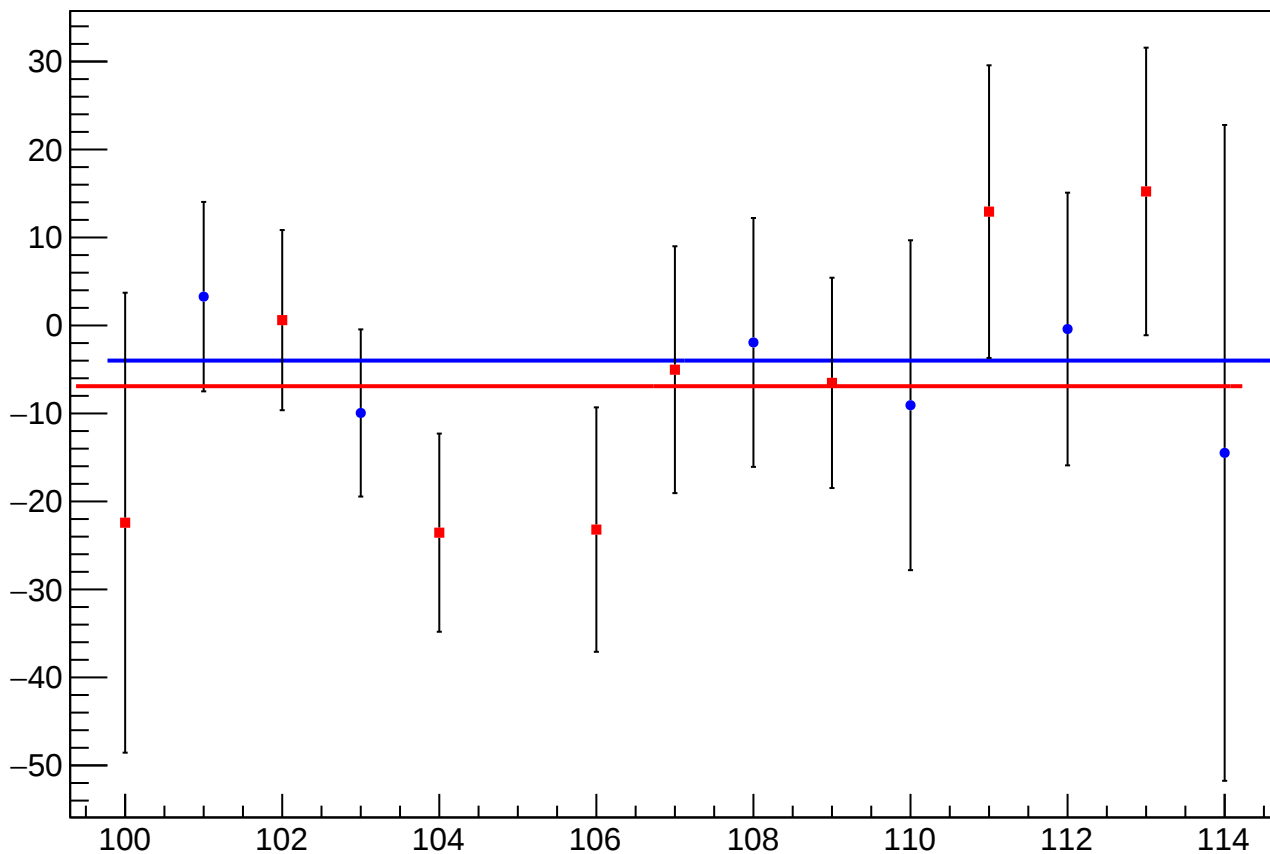
Right: 14320.300+/-4.300 χ^2/NDF : 142104.4/13

In: 13978.954+/-6.346 χ^2/NDF : 83406.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14320.300+/-4.300 χ^2/NDF : 142104.4/13

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -3.990+/-5.552 χ^2/NDF : 1.1/5

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

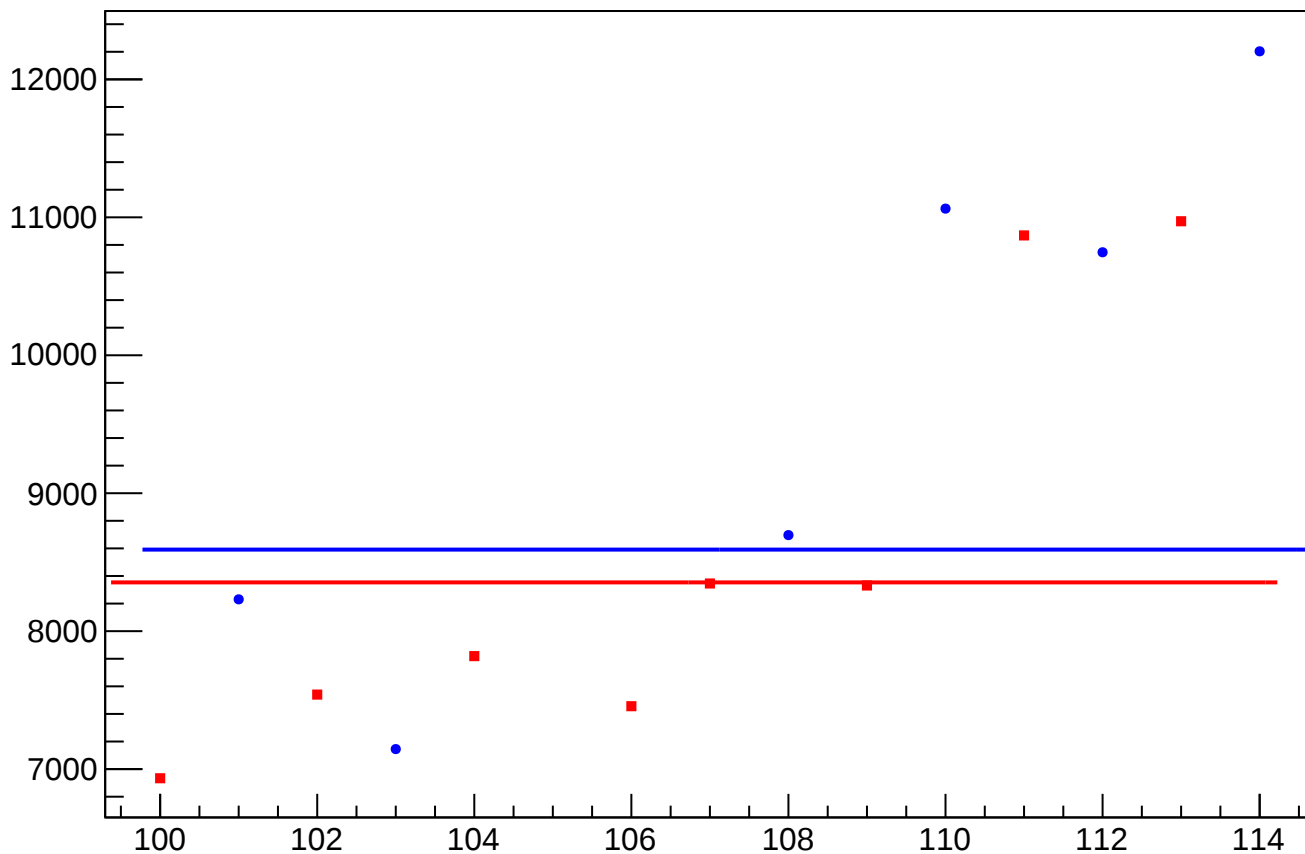
Right: -5.659+/-3.628 χ^2/NDF : 9.0/13

In: -3.990+/-5.552 χ^2/NDF : 1.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.659+/-3.628 χ^2/NDF : 9.0/13

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8591.296+/-3.926 χ^2/NDF : 140954.8/5

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

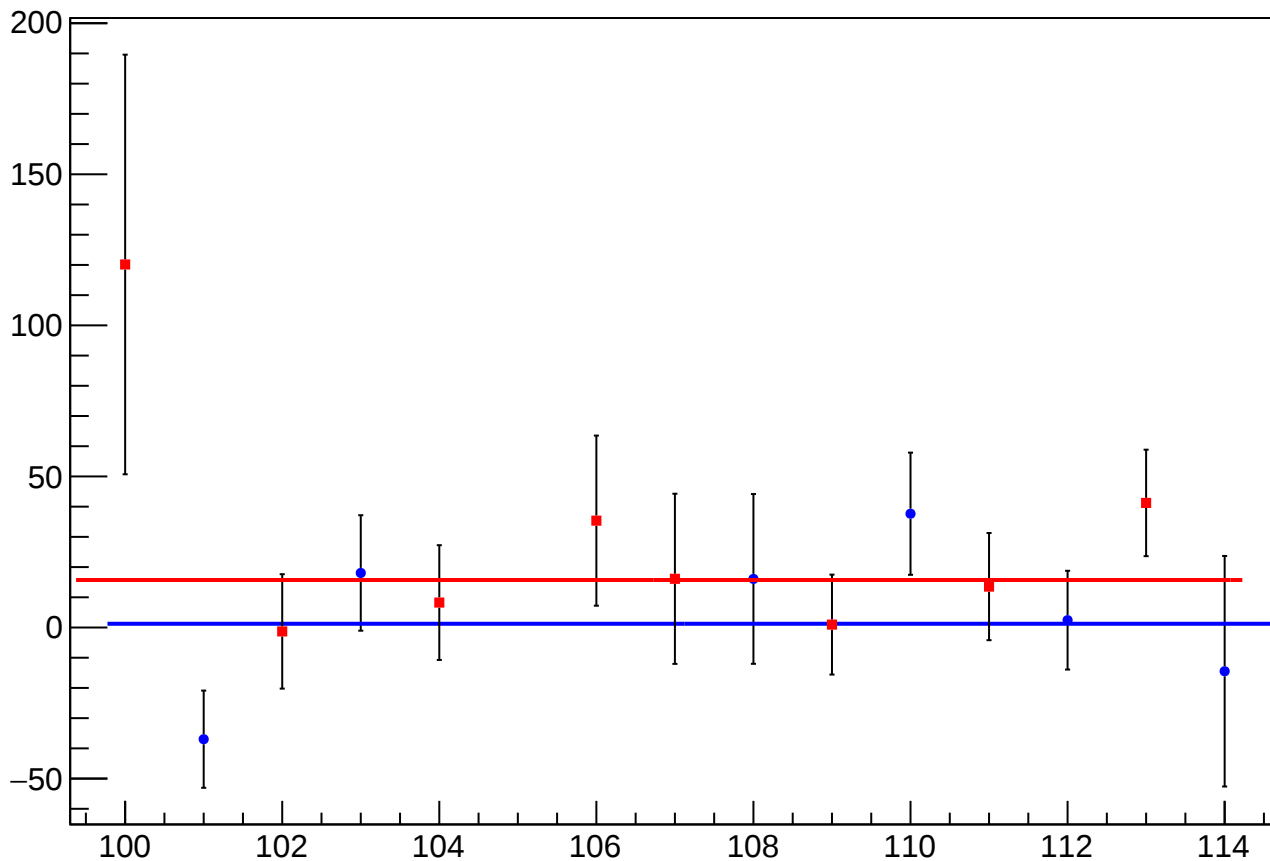
Right: 8455.061+/-2.566 χ^2/NDF : 271529.3/13

In: 8591.296+/-3.926 χ^2/NDF :140954.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 8455.061+/-2.566 χ^2/NDF : 271529.3/13

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: 1.239+/-8.235 χ^2/NDF : 10.1/5

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

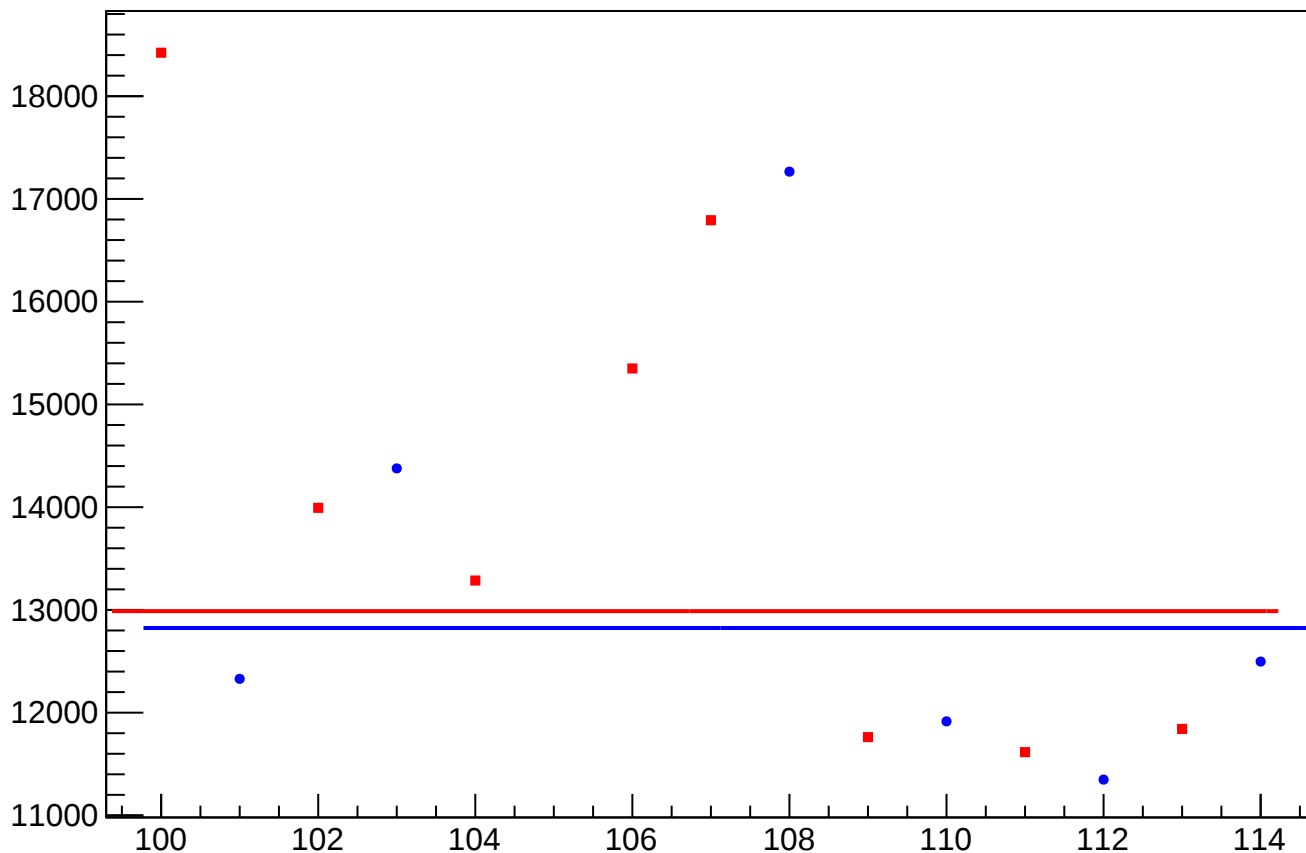
Right: 9.271+/-5.497 χ^2/NDF : 18.4/13

In: 1.239+/-8.235 χ^2/NDF : 10.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.271+/-5.497 χ^2/NDF : 18.4/13

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 12823.964+/-5.823 χ^2/NDF : 85587.1/5

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

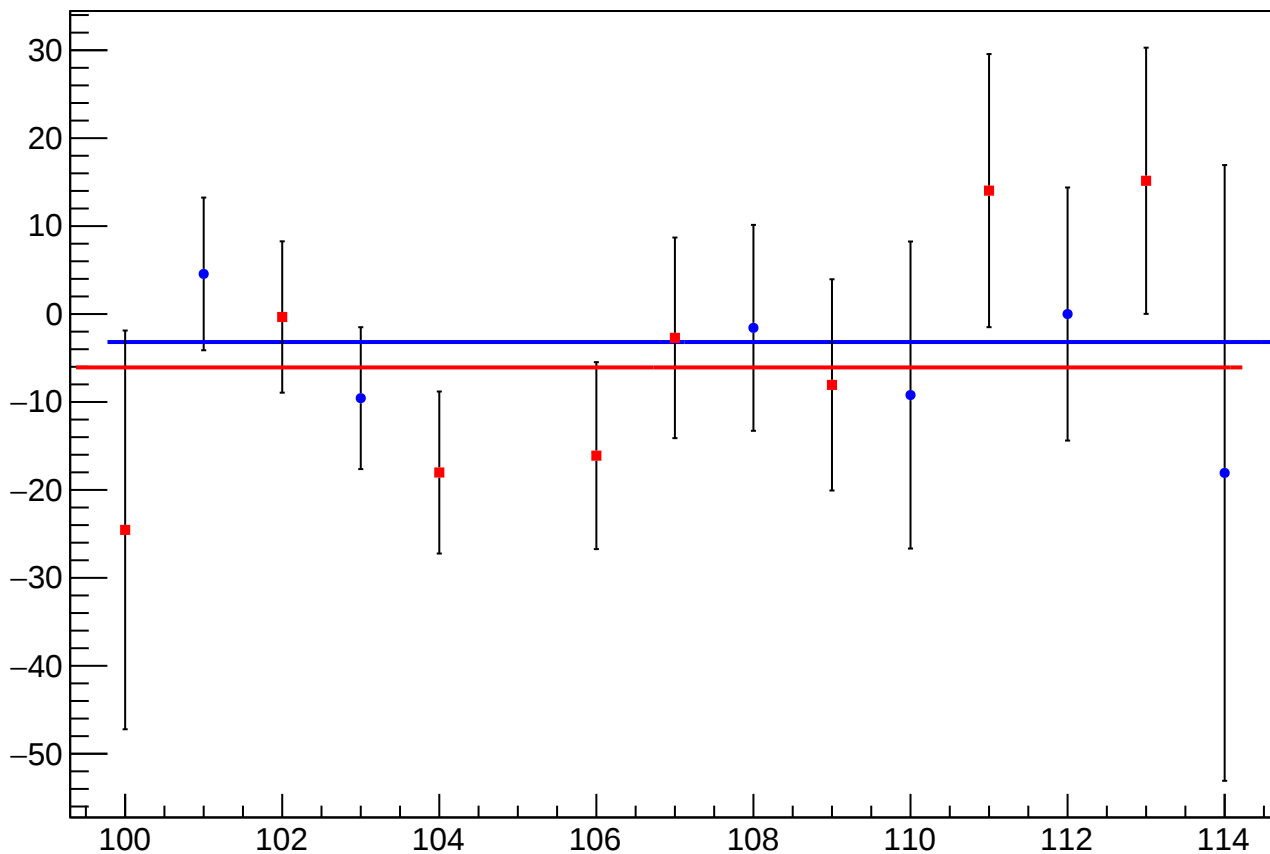
Right: 12915.046+/-3.887 χ^2/NDF : 186436.3/13

In: 12823.964+/-5.823 χ^2/NDF : 85587.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12915.046+/-3.887 χ^2/NDF : 186436.3/13

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -3.183 ± 4.721 χ^2/NDF : 1.8/5

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

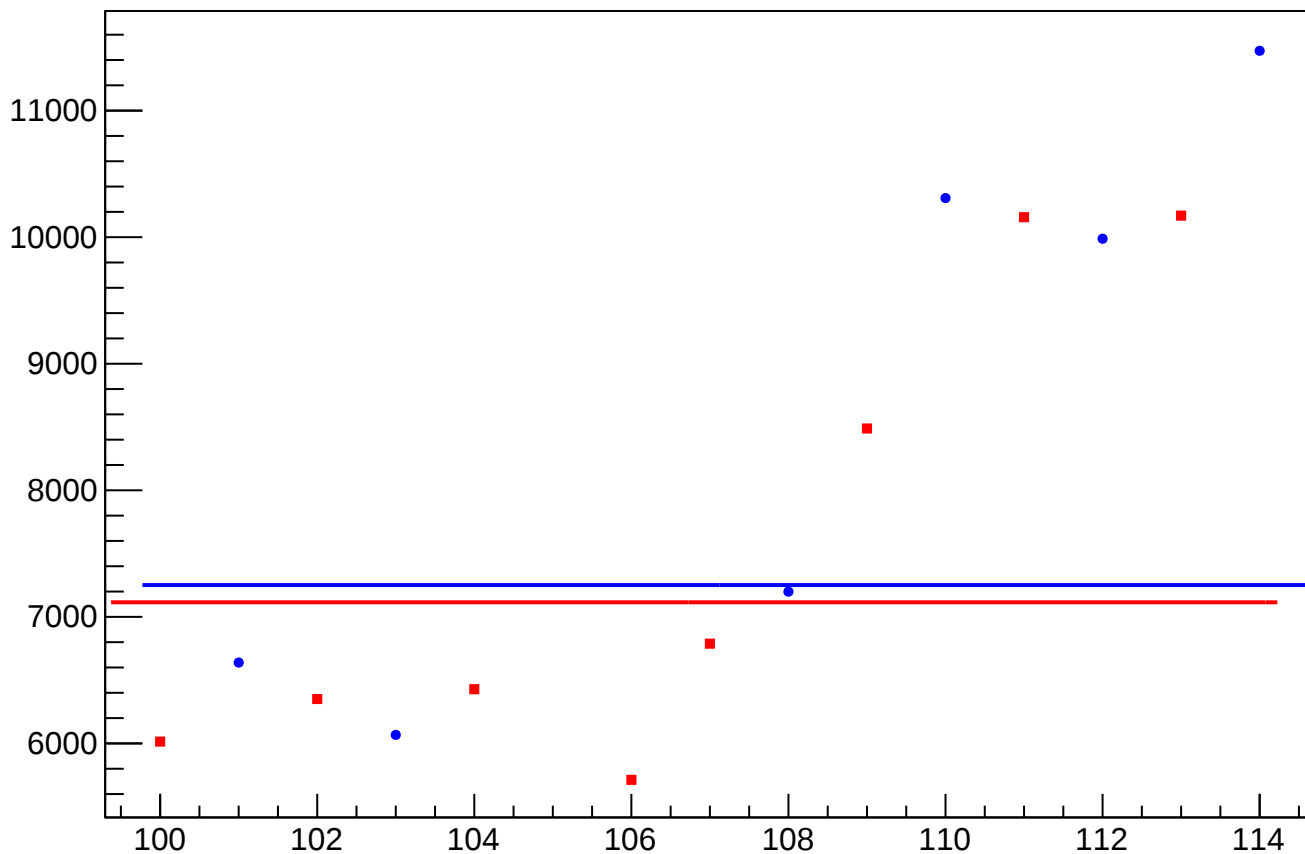
Right: -4.825 ± 3.100 χ^2/NDF : 9.4/13

In: -3.183 ± 4.721 χ^2/NDF : 1.8/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.825 ± 3.100 χ^2/NDF : 9.4/13

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7251.229+/-3.339 χ^2/NDF : 215827.0/5

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

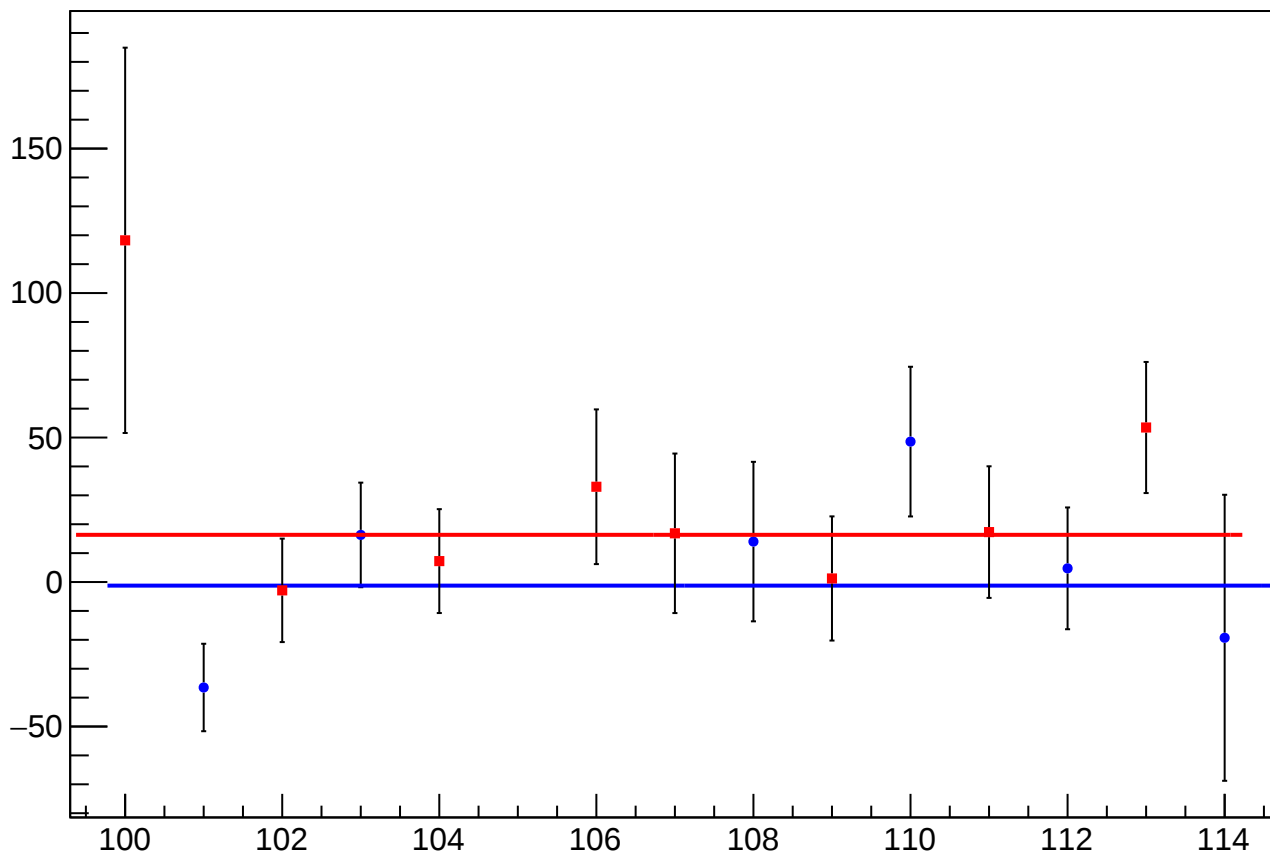
Right: 7173.751+/-2.192 χ^2/NDF : 469289.7/13

In: 7251.229+/-3.339 χ^2/NDF : 215827.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7173.751+/-2.192 χ^2/NDF : 469289.7/13

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.243+/-8.809 χ^2/NDF : 10.6/5

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

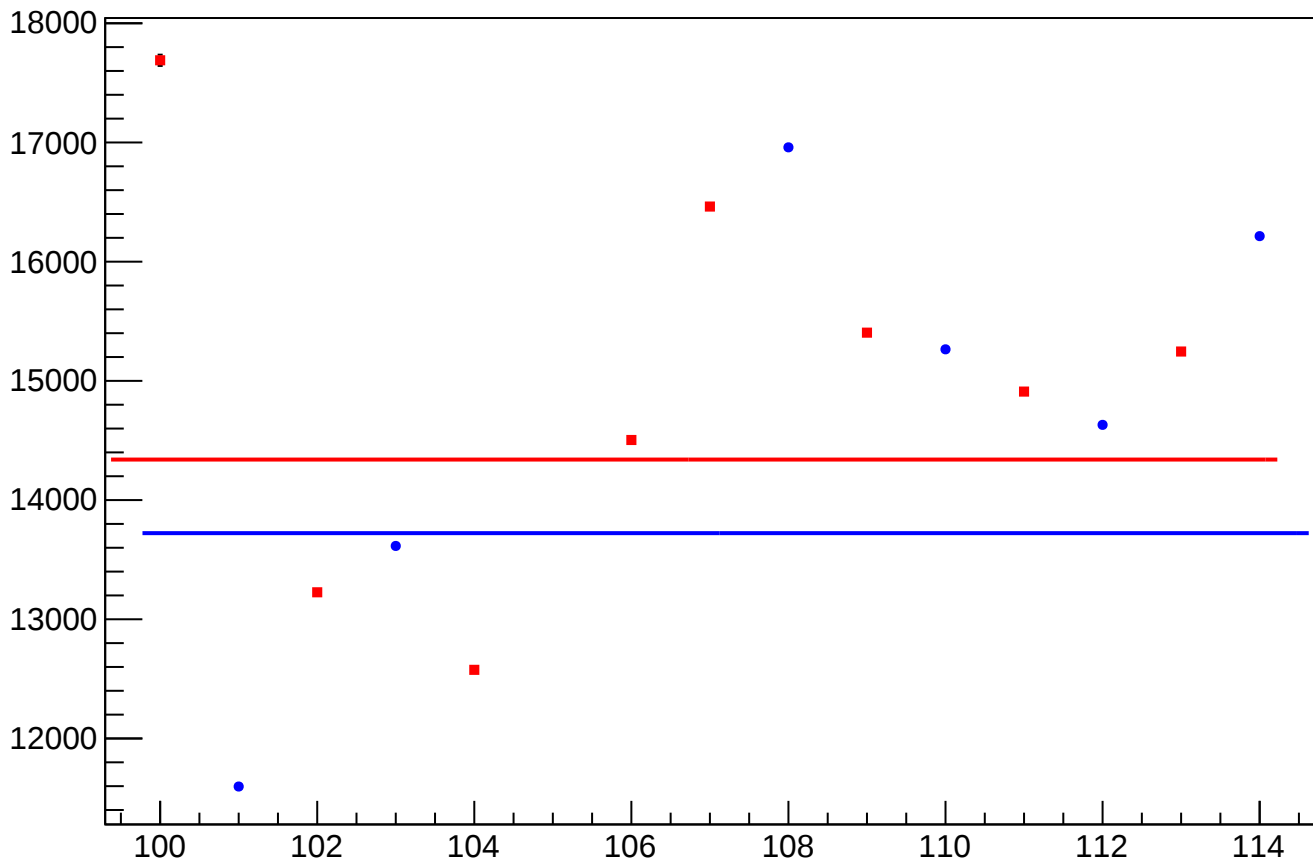
Right: 8.266+/-5.968 χ^2/NDF : 20.1/13

In: -1.243+/-8.809 χ^2/NDF : 10.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.266+/-5.968 χ^2/NDF : 20.1/13

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 13722.547+/-6.229 χ^2/NDF : 82923.8/5

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

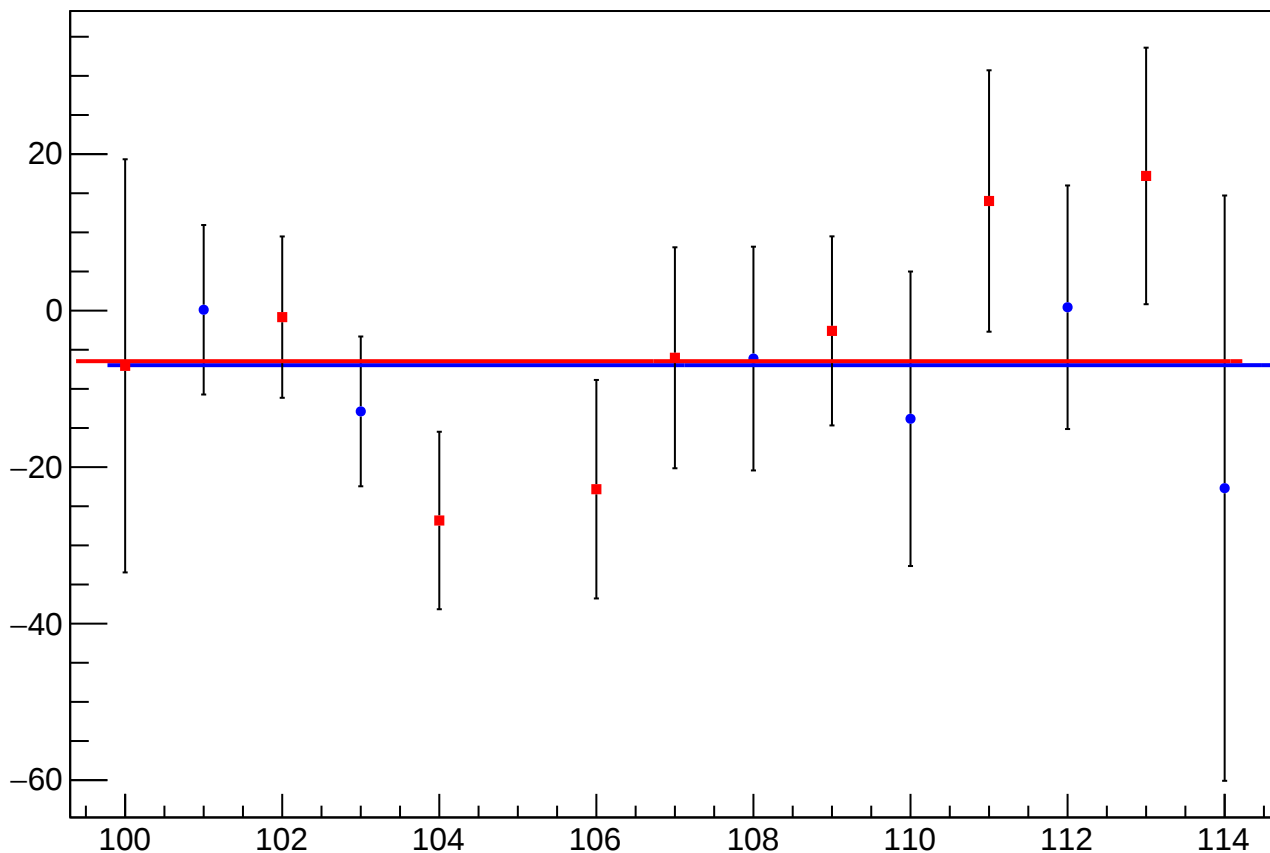
Right: 14056.552+/-4.220 χ^2/NDF : 141549.9/13

In: 13722.547+/-6.229 χ^2/NDF :82923.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14056.552+/-4.220 χ^2/NDF : 141549.9/13

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -6.970+/-5.590 χ^2/NDF : 1.3/5

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

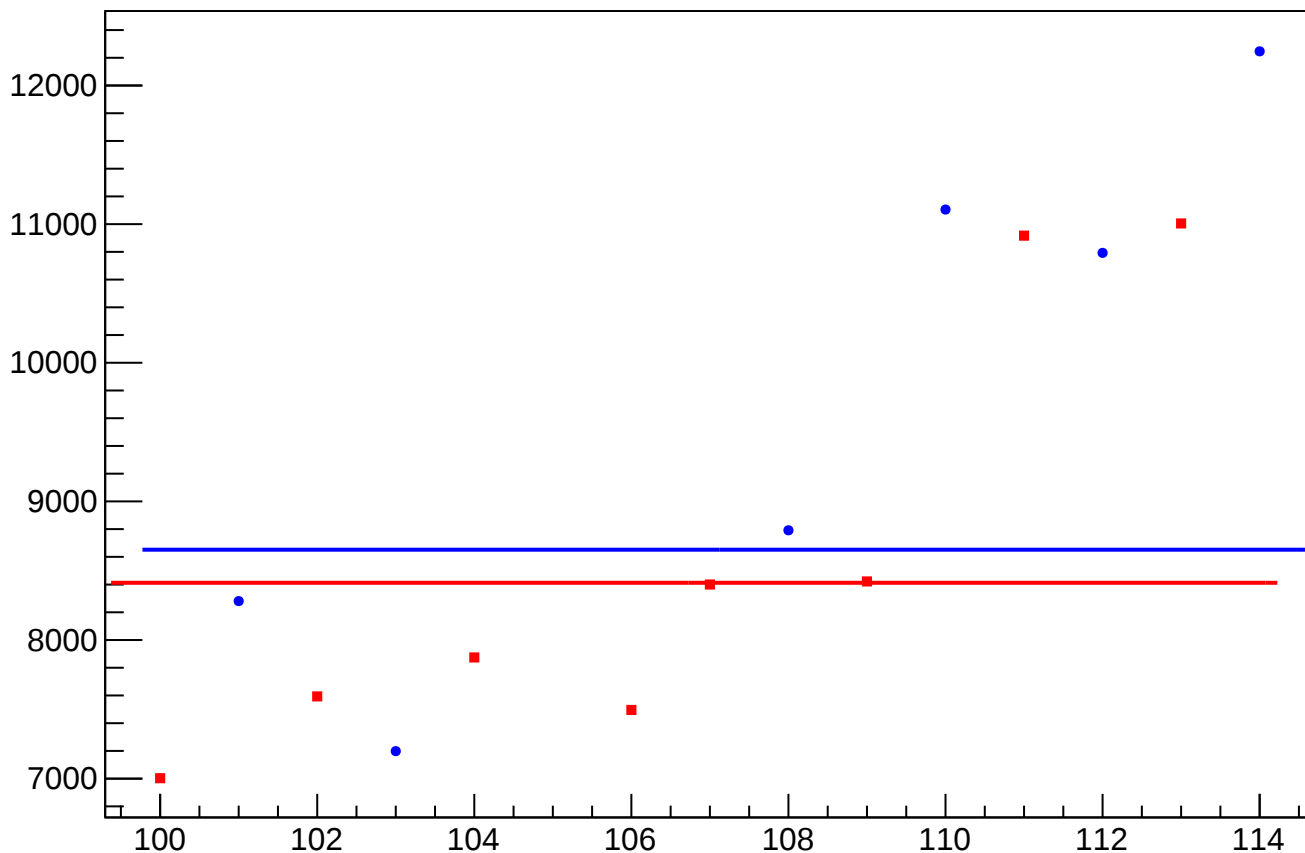
Right: -6.678+/-3.653 χ^2/NDF : 9.9/13

In: -6.970+/-5.590 χ^2/NDF : 1.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.678+/-3.653 χ^2/NDF : 9.9/13

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8651.564+/-3.953 χ^2/NDF : 138985.1/5

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

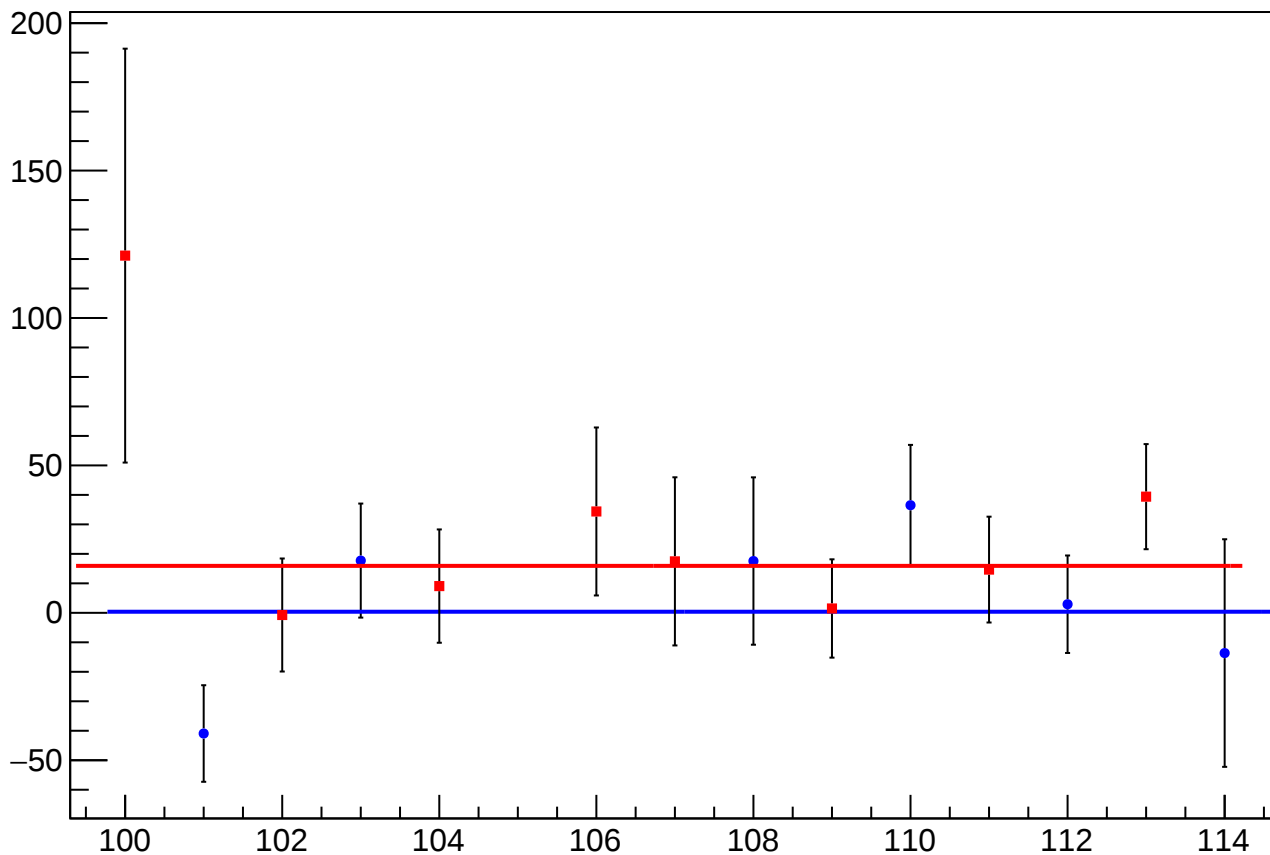
Right: 8514.793+/-2.583 χ^2/NDF : 267530.9/13

In: 8651.564+/-3.953 χ^2/NDF : 138985.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8514.793+/-2.583 χ^2/NDF : 267530.9/13

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: 0.372+/-8.344 χ^2/NDF : 10.8/5

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

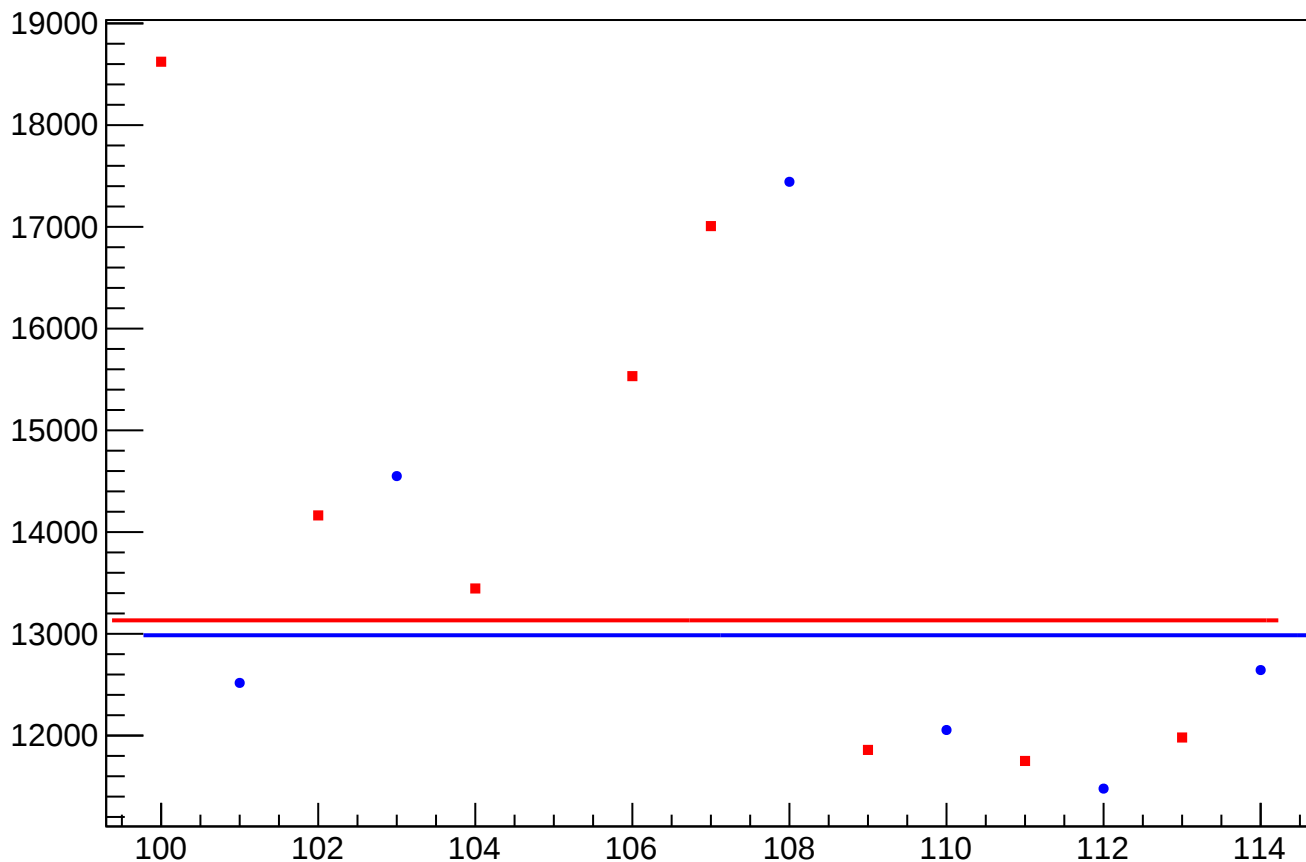
Right: 9.012+/-5.563 χ^2/NDF : 18.8/13

In: 0.372+/-8.344 χ^2/NDF : 10.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.012+/-5.563 χ^2/NDF : 18.8/13

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 12985.903+/-5.900 χ^2/NDF : 84970.4/5

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

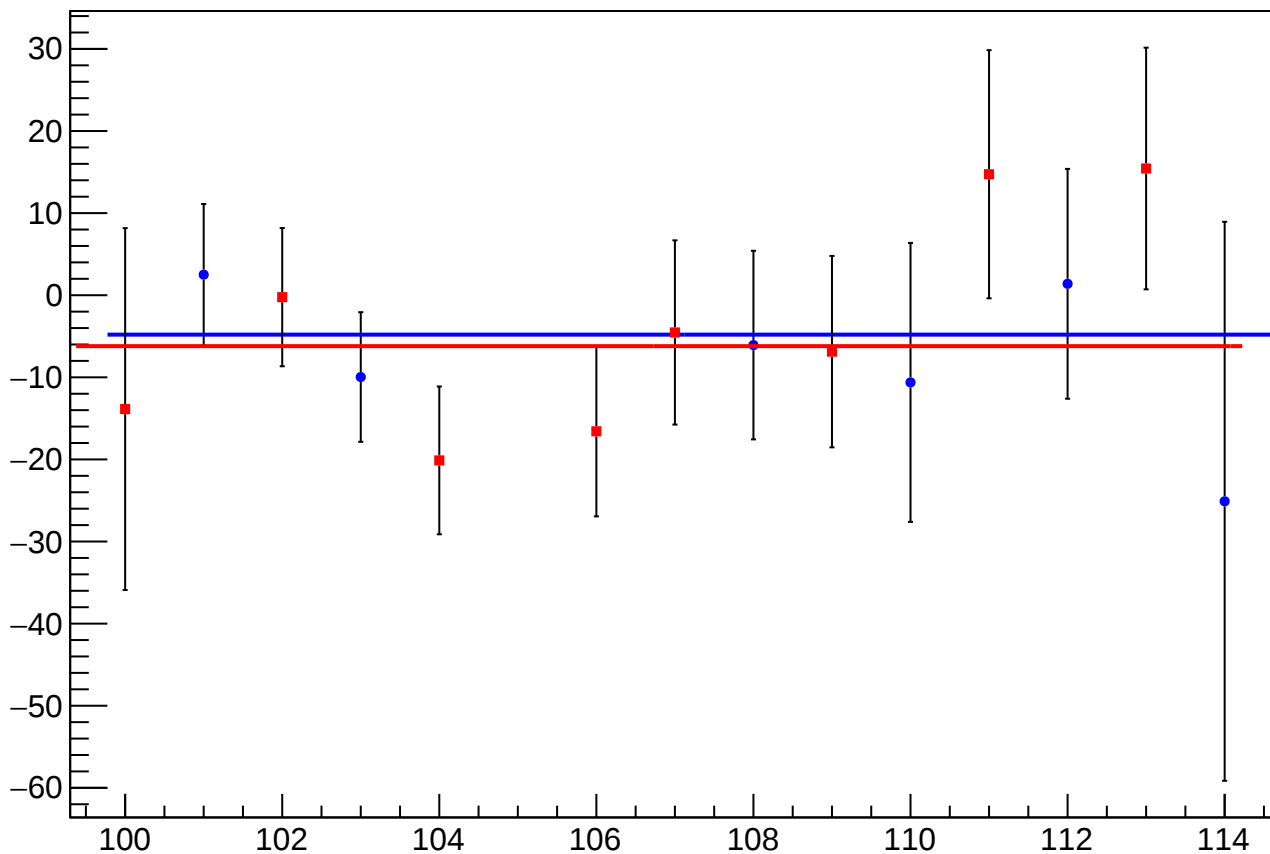
Right: 13067.245+/-3.934 χ^2/NDF : 186884.1/13

In: 12985.903+/-5.900 χ^2/NDF : 84970.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13067.245+/-3.934 χ^2/NDF : 186884.1/13

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -4.800+/-4.635 χ^2/NDF : 1.8/5

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

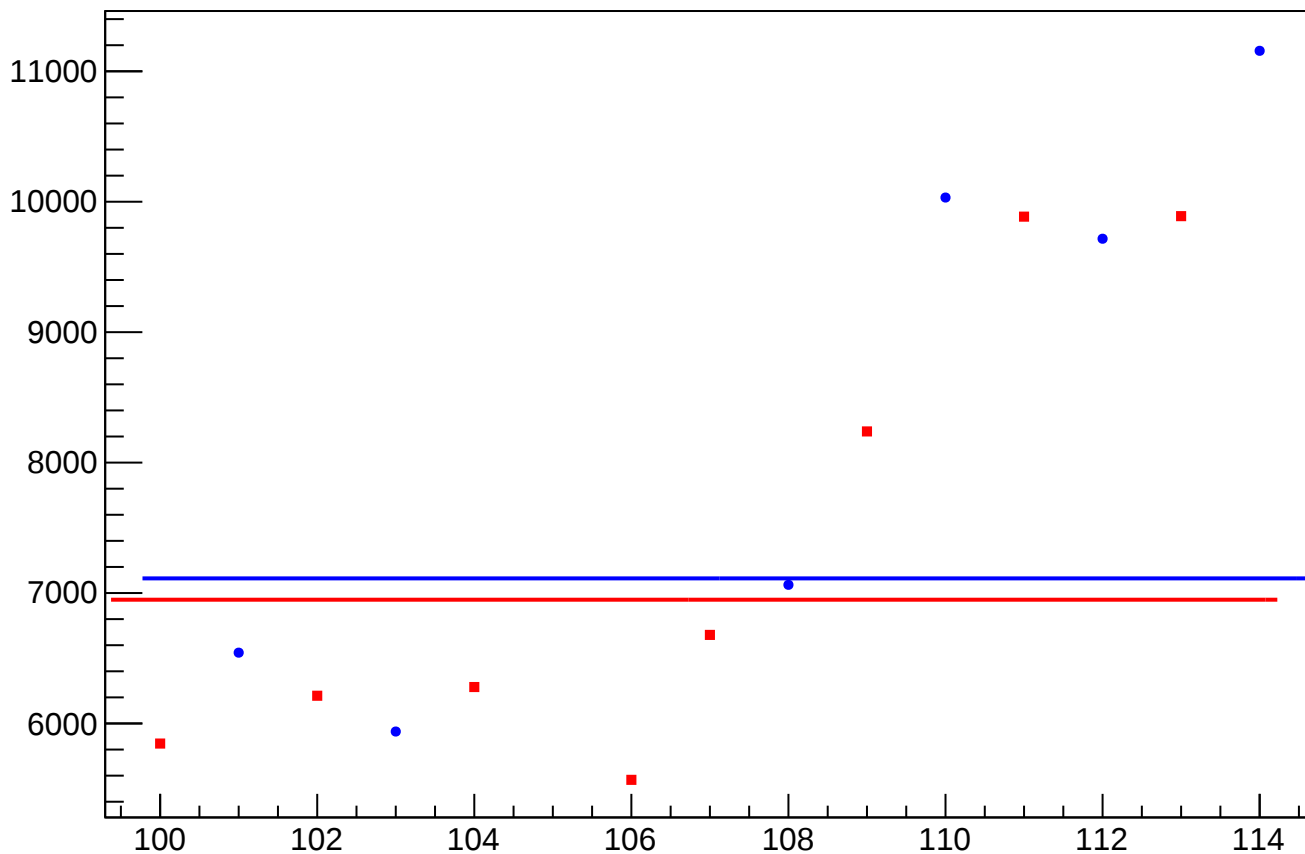
Right: -5.602+/-3.033 χ^2/NDF : 10.0/13

In: -4.800+/-4.635 χ^2/NDF : 1.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.602+/-3.033 χ^2/NDF : 10.0/13

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7112.288+/-3.277 χ^2/NDF : 209527.3/5

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

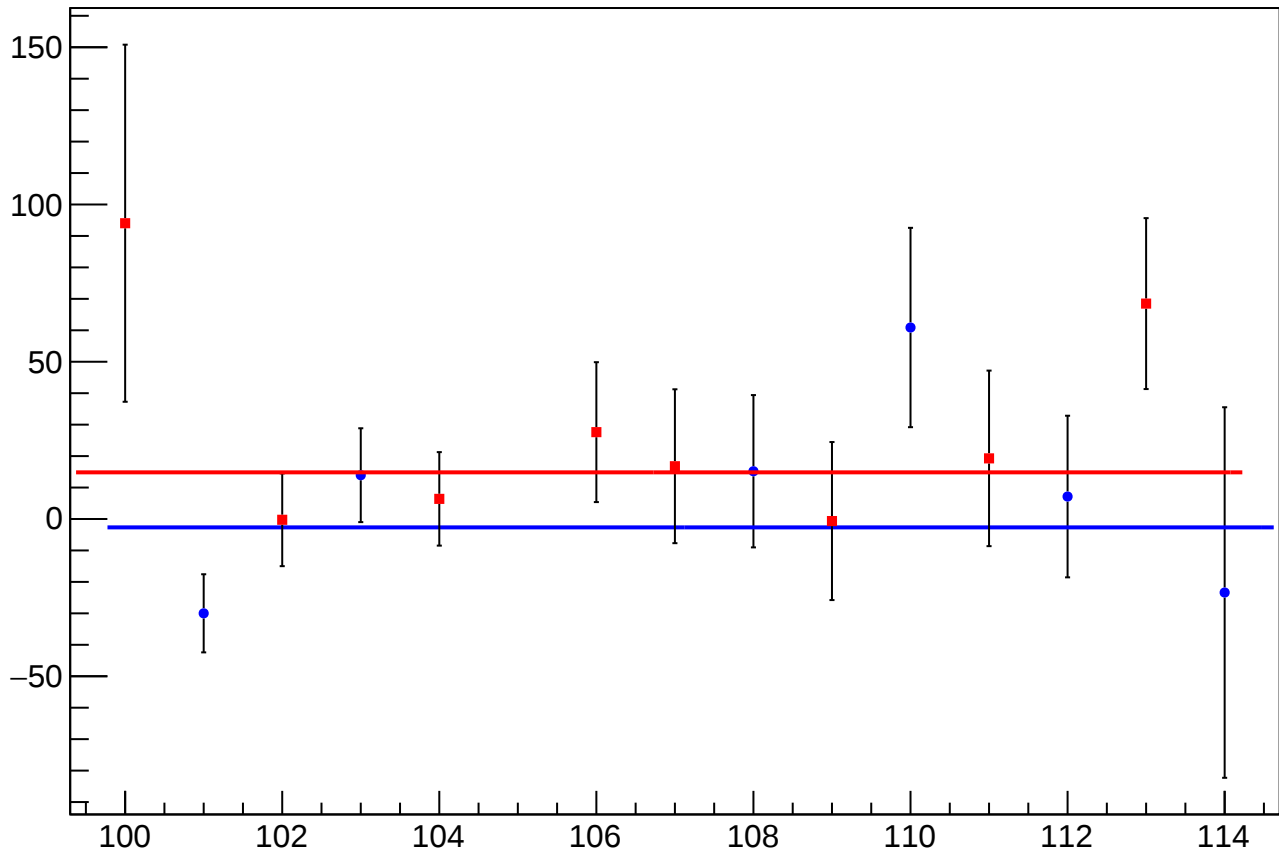
Right: 7018.863+/-2.145 χ^2/NDF : 458857.4/13

In: 7112.288+/-3.277 χ^2/NDF : 209527.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7018.863+/-2.145 χ^2/NDF : 458857.4/13

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -2.665+/-8.038 χ^2/NDF : 10.9/5

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

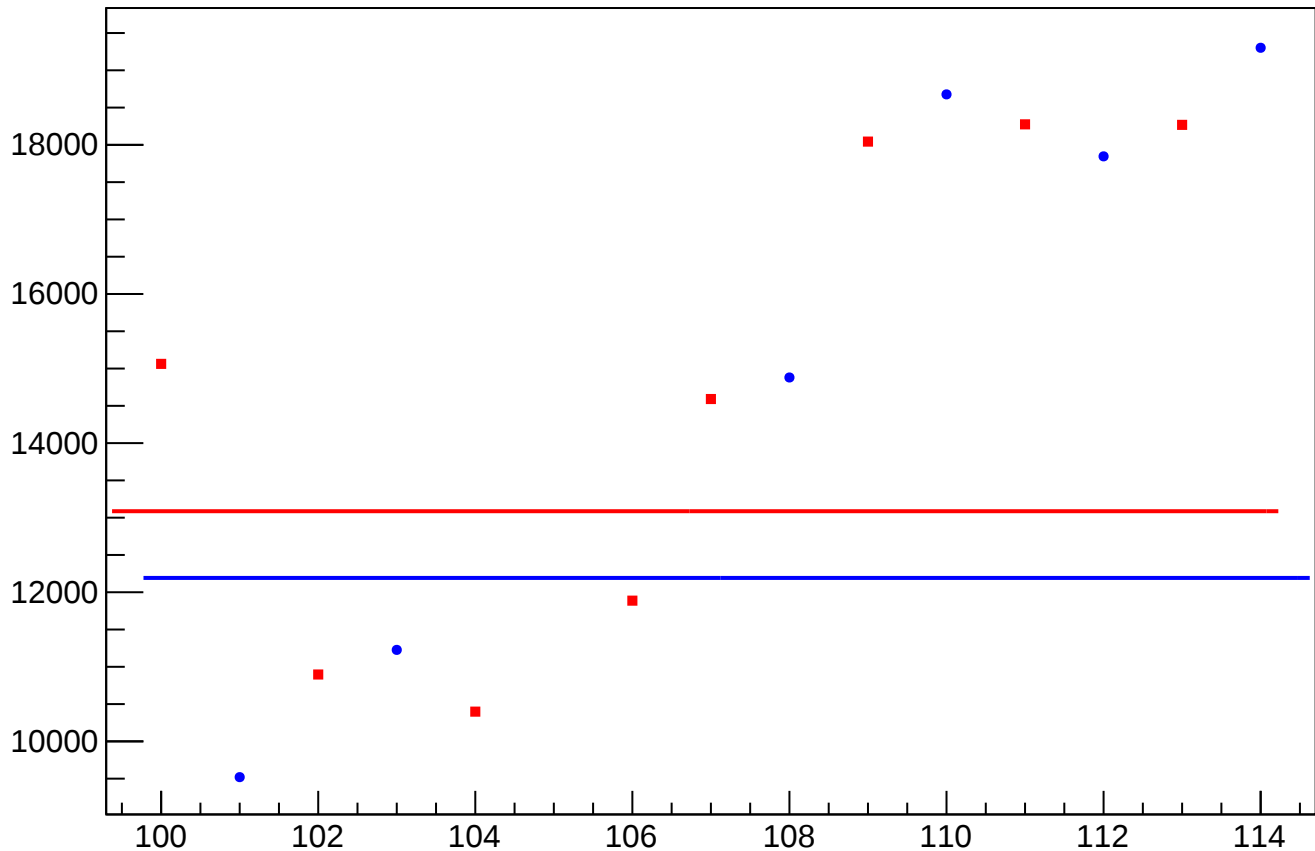
Right: 6.583+/-5.519 χ^2/NDF : 21.4/13

In: -2.665+/-8.038 χ^2/NDF : 10.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.583+/-5.519 χ^2/NDF : 21.4/13

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 12192.006+/-5.684 χ^2/NDF : 335262.7/5

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

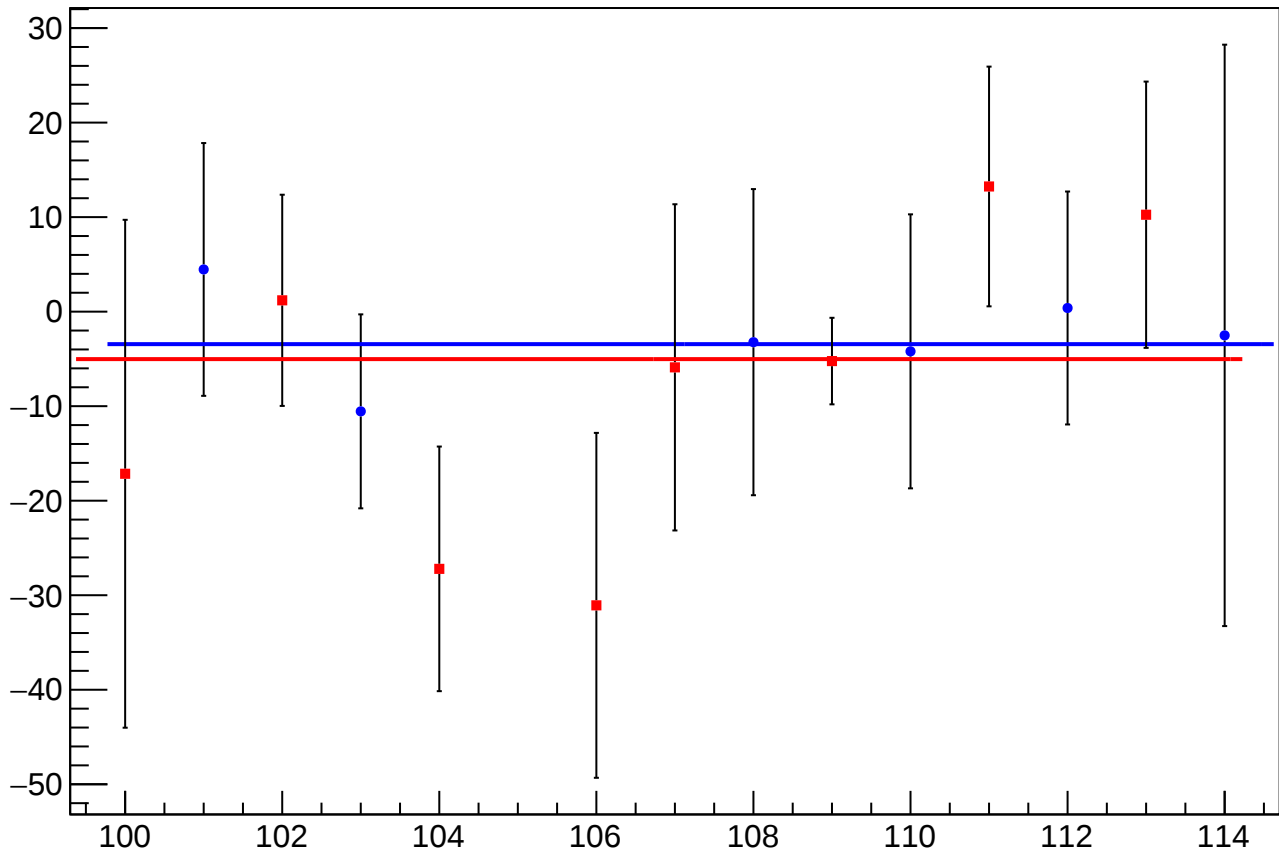
Right: 12664.858+/-3.903 χ^2/NDF : 693373.4/13

In: 12192.006+/-5.684 χ^2/NDF : 335262.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12664.858+/-3.903 χ^2/NDF : 693373.4/13

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: -3.438+/-5.652 χ^2/NDF : 0.9/5

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

Right Out: -5.022+/-3.520 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

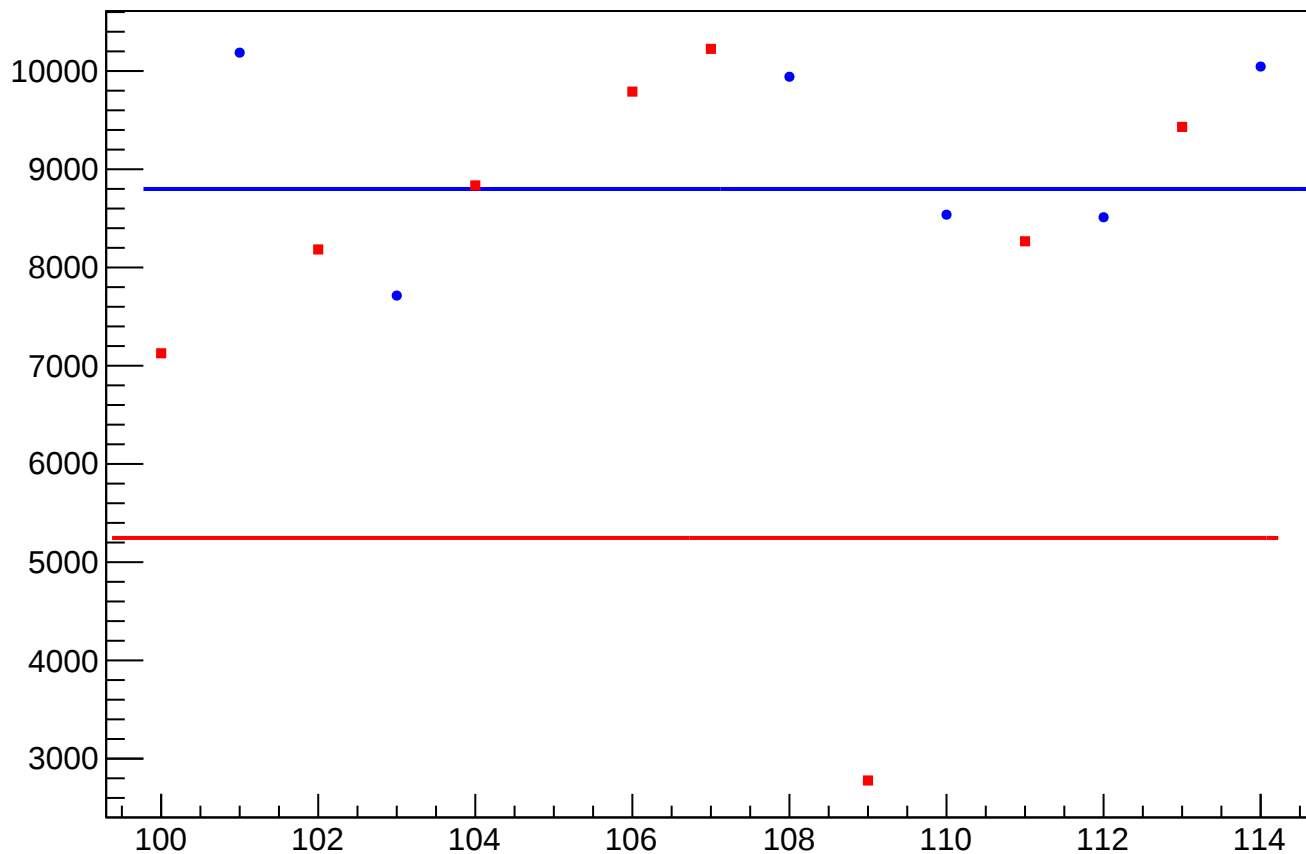
Right: -4.579+/-2.988 χ^2/NDF : 9.7/13

In: -3.438+/-5.652 χ^2/NDF : 0.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.579+/-2.988 χ^2/NDF : 9.7/13

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8798.941+/-3.996 χ^2/NDF : 58888.2/5

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

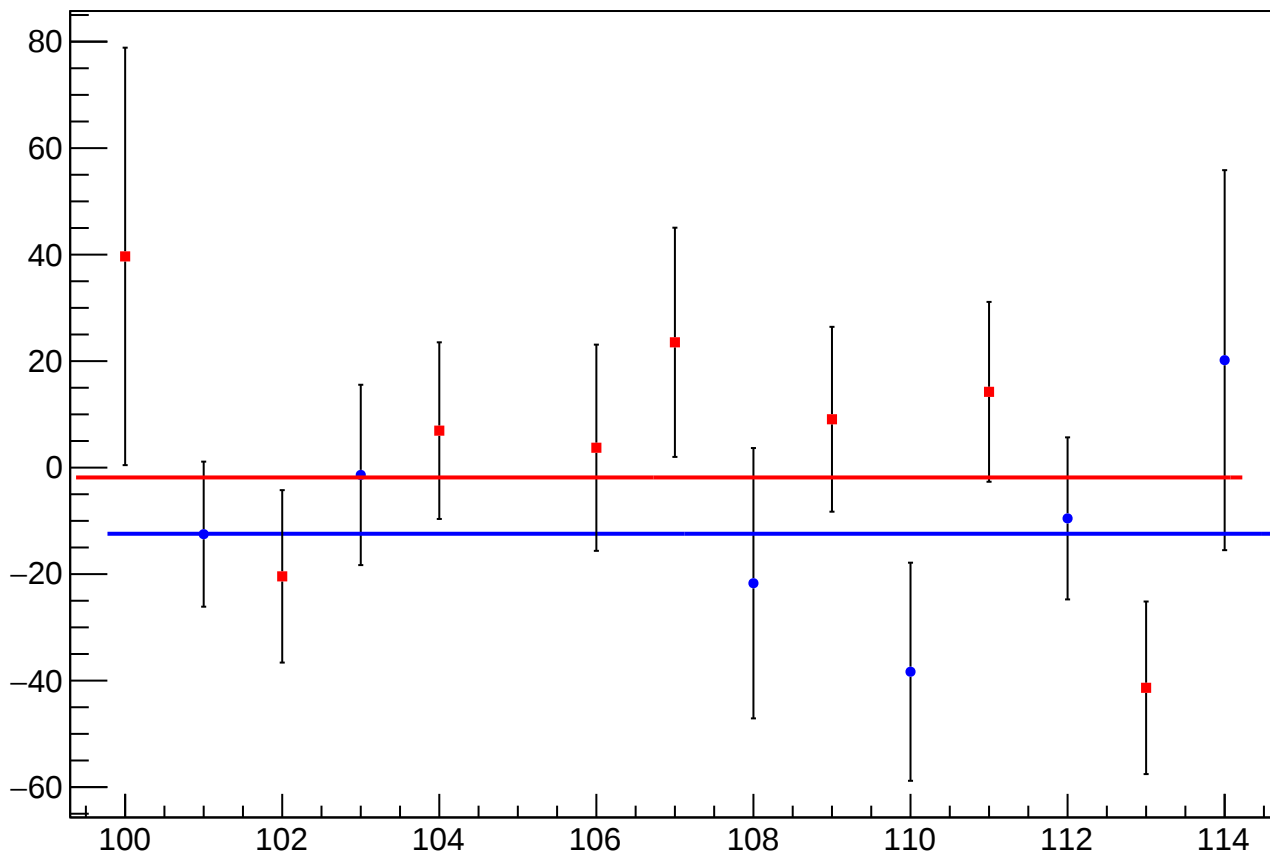
Right: 6239.289+/-2.113 χ^2/NDF : 2092419.4/13

In: 8798.941+/-3.996 χ^2/NDF : 58888.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6239.289+/-2.113 χ^2/NDF : 2092419.4/13

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -12.420 $\pm$ 7.471 χ^2 /NDF: 3.0/5

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

Right Out: -1.846 $\pm$ 6.515 χ^2 /NDF: 11.4/7

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

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

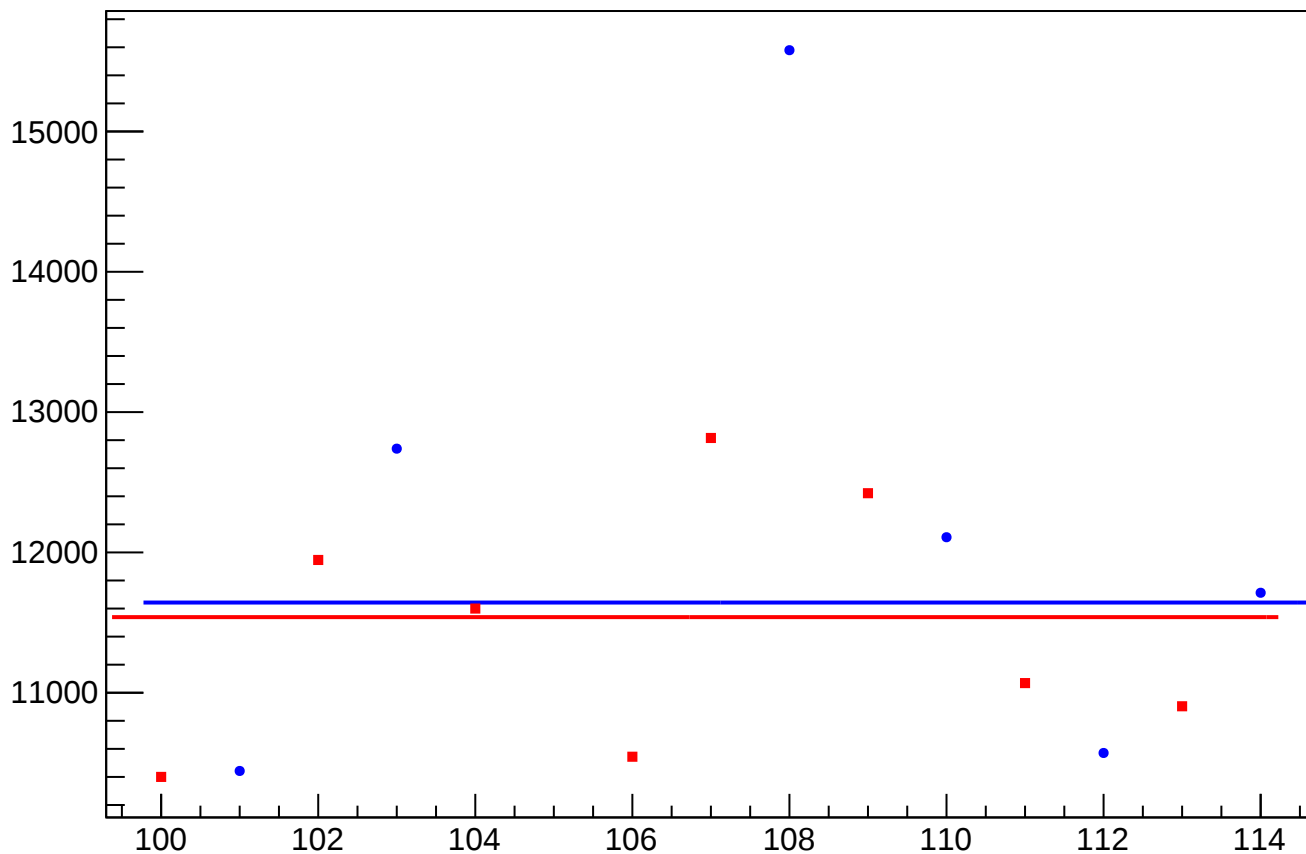
Right: -6.414 $\pm$ 4.910 χ^2 /NDF: 15.6/13

In: -12.420 $\pm$ 7.471 χ^2 /NDF:3.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -6.414 $\pm$ 4.910 χ^2 /NDF: 15.6/13

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11642.855+/-5.283 χ^2/NDF : 82976.4/5

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

Right Out: 11538.890+/-4.607 χ^2/NDF : 25098.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

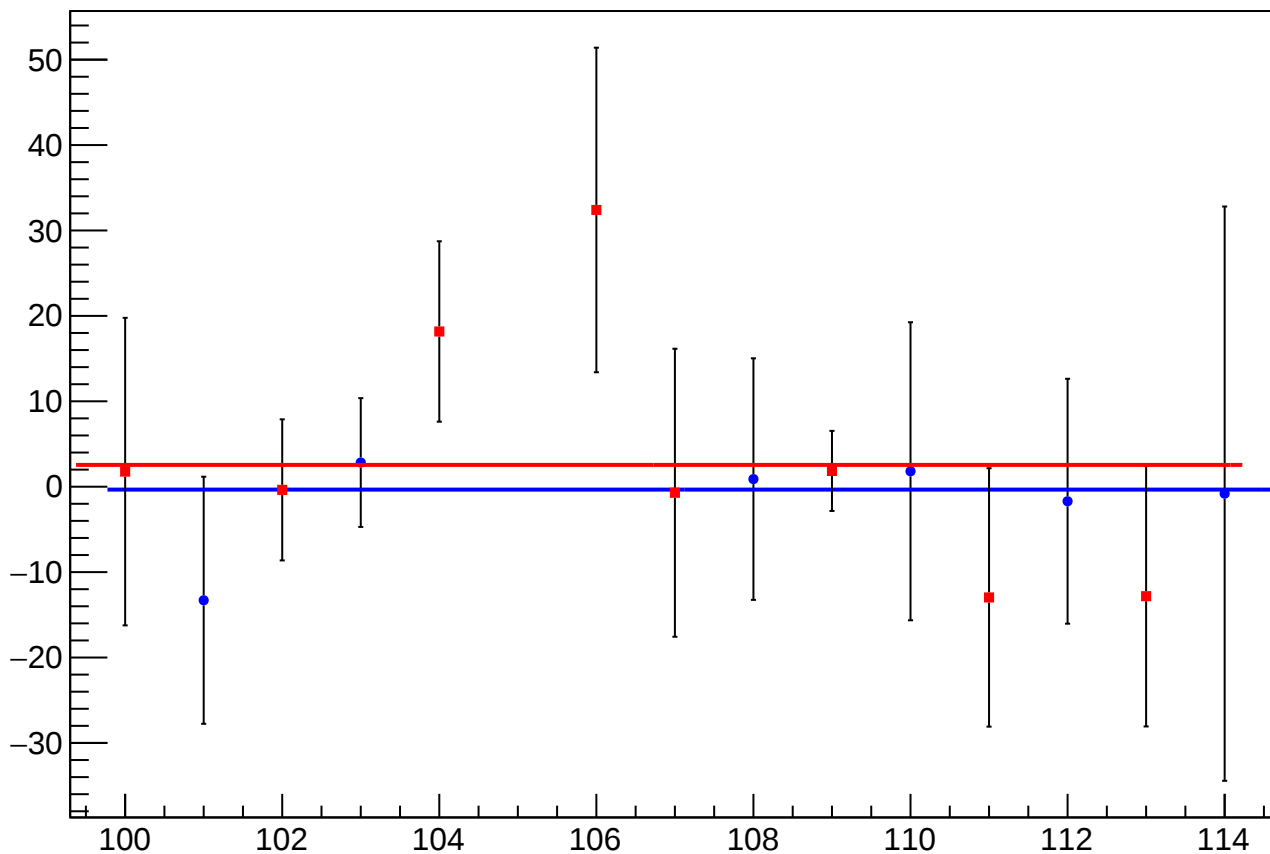
Right: 11583.801+/-3.472 χ^2/NDF : 108295.1/13

In: 11642.855+/-5.283 χ^2/NDF : 82976.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11583.801+/-3.472 χ^2/NDF : 108295.1/13

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.338 ± 5.241 $\chi^2/\text{NDF}: 1.0/5$

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

Right Out: 2.552 ± 3.387 $\chi^2/\text{NDF}: 6.9/7$

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

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

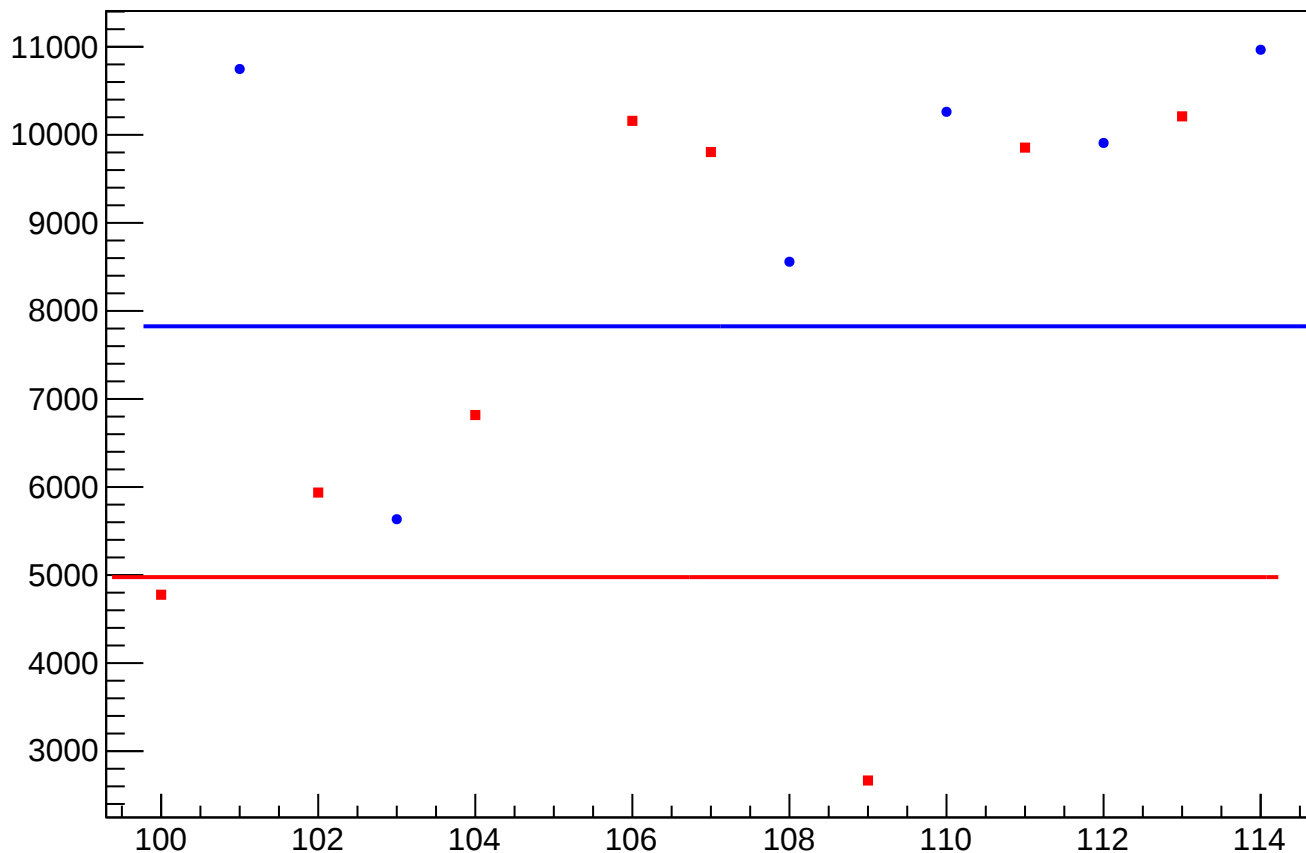
Right: 1.701 ± 2.845 $\chi^2/\text{NDF}: 8.1/13$

In: -0.338 ± 5.241 $\chi^2/\text{NDF}: 1.0/5$

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

All: 1.701 ± 2.845 $\chi^2/\text{NDF}: 8.1/13$

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 7825.328+/-3.706 χ^2/NDF : 354587.5/5

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

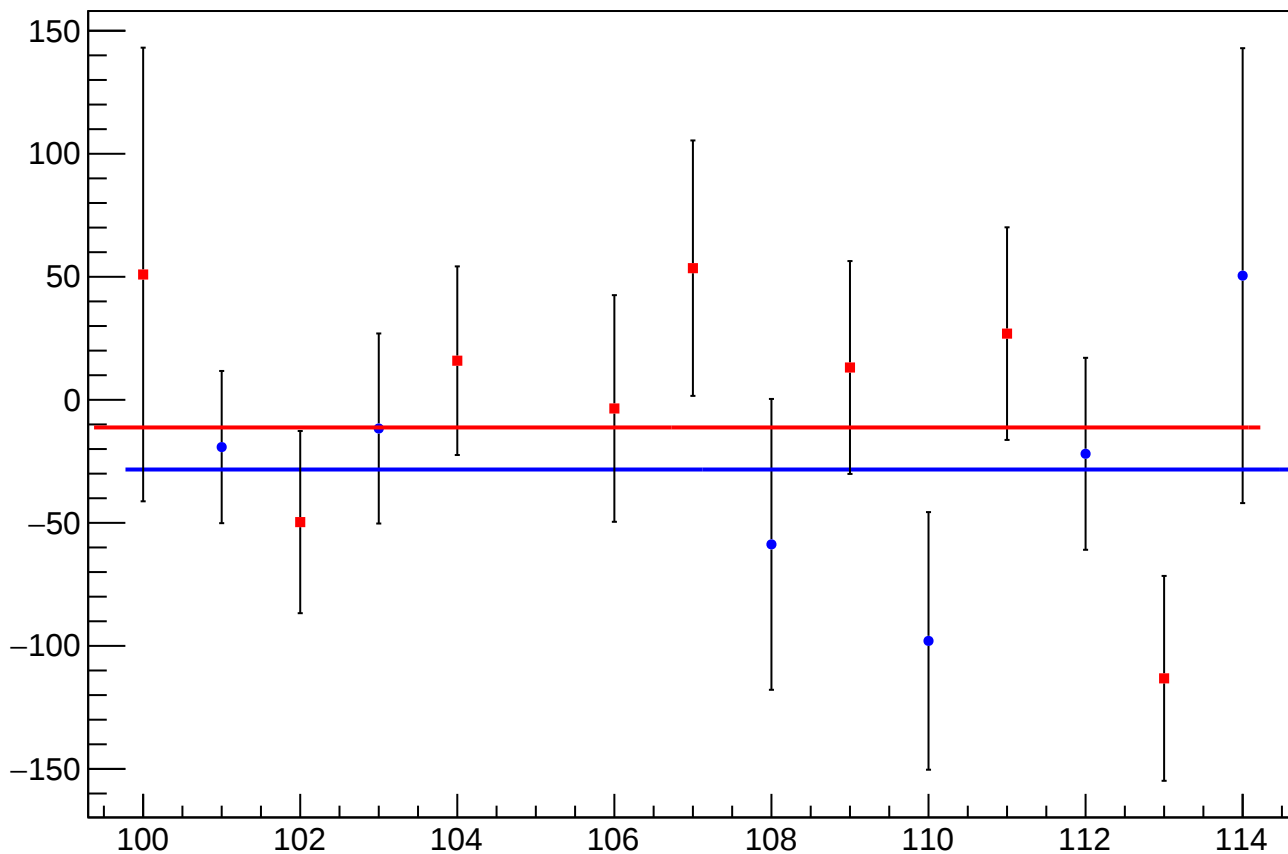
Right: 5815.870+/-2.011 χ^2/NDF : 2101467.0/13

In: 7825.328+/-3.706 χ^2/NDF : 354587.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5815.870+/-2.011 χ^2/NDF : 2101467.0/13

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -28.320+/-17.843 χ^2/NDF : 3.1/5

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

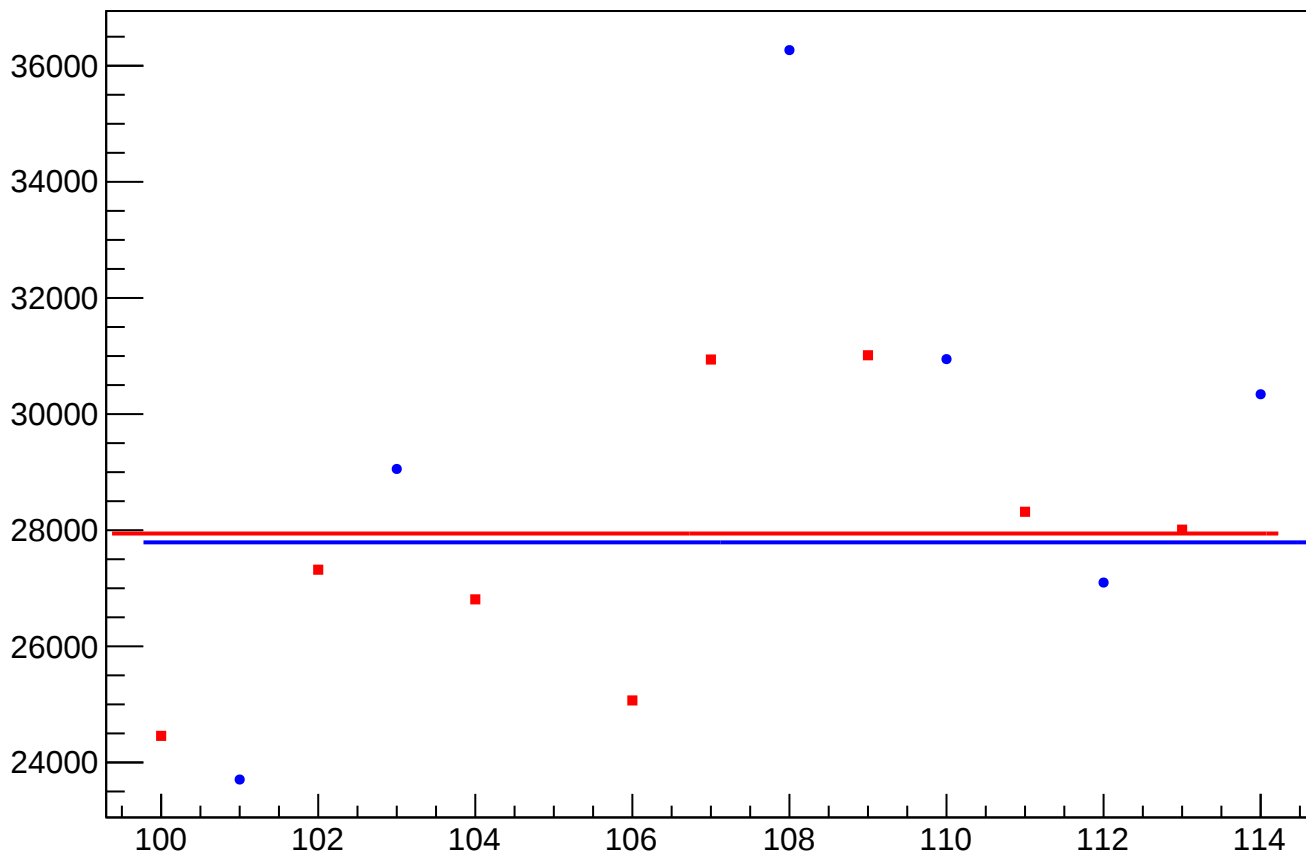
Right: -18.727+/-11.819 χ^2/NDF : 14.3/13

In: -28.320+/-17.843 χ^2/NDF : 3.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.727+/-11.819 χ^2/NDF : 14.3/13

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 27790.725+/-12.617 χ^2/NDF : 87611.4/5

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

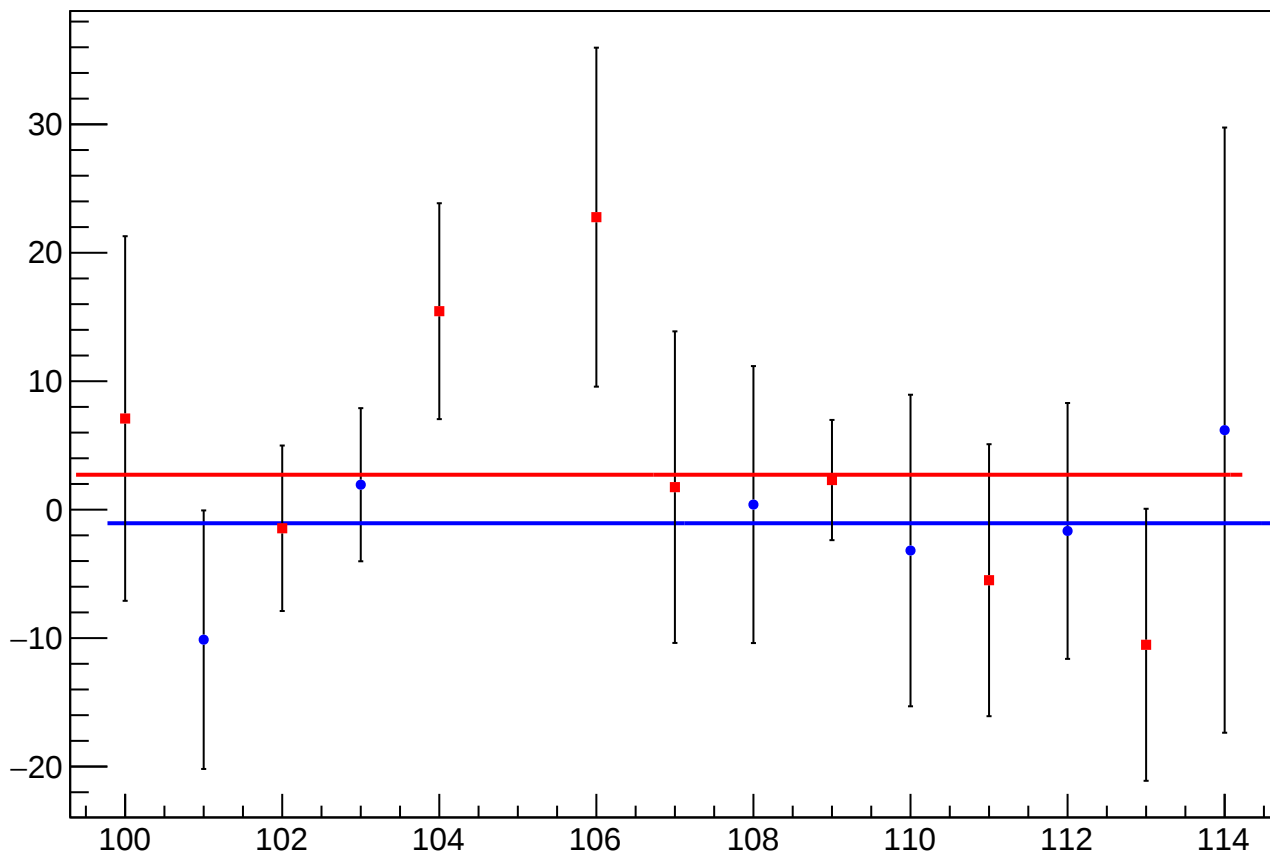
Right: 27876.287+/-8.357 χ^2/NDF : 117560.9/13

In: 27790.725+/-12.617 χ^2/NDF : 87611.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27876.287+/-8.357 χ^2/NDF : 117560.9/13

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -1.057+/-3.914 χ^2/NDF : 1.2/5

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

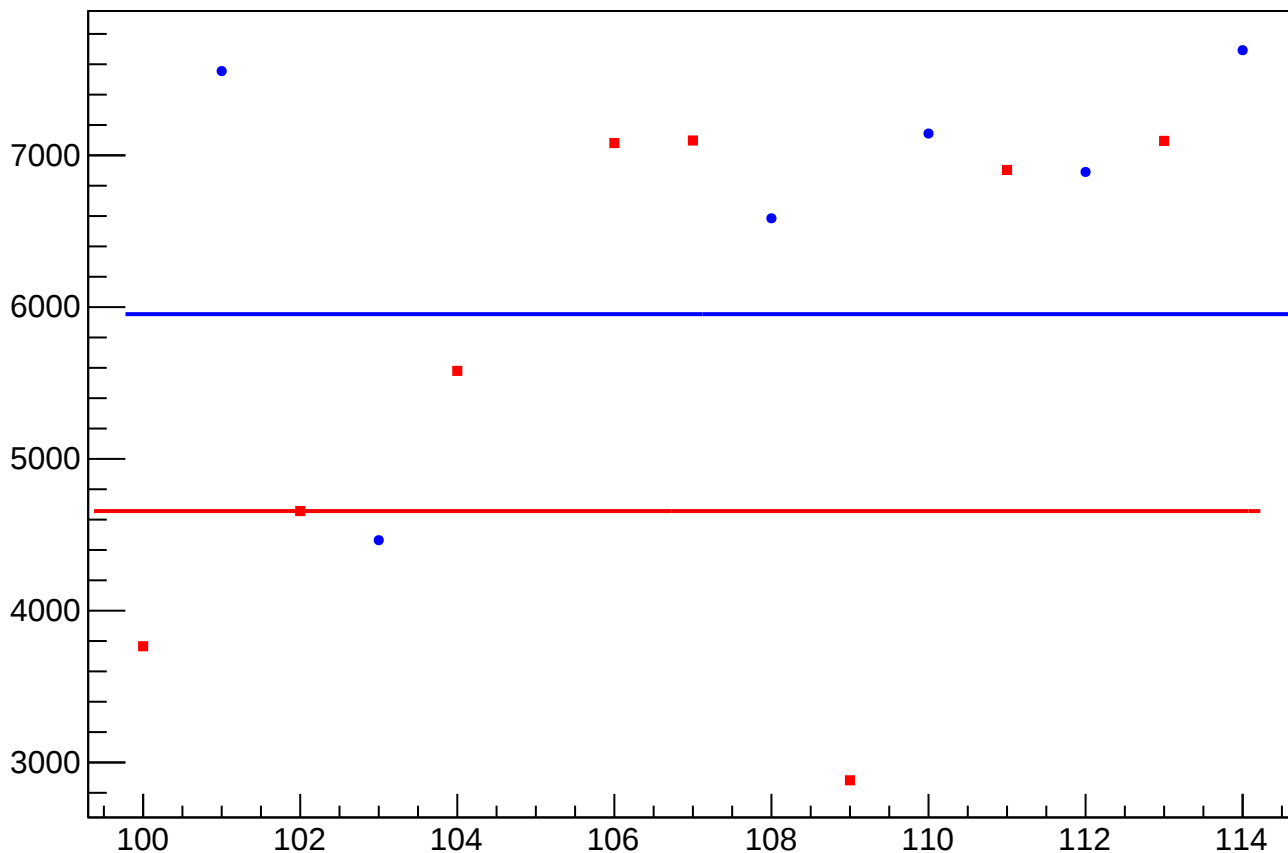
Right: 1.383+/-2.328 χ^2/NDF : 9.1/13

In: -1.057+/-3.914 χ^2/NDF : 1.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.383+/-2.328 χ^2/NDF : 9.1/13

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5953.695+/-2.767 χ^2/NDF : 230167.6/5

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

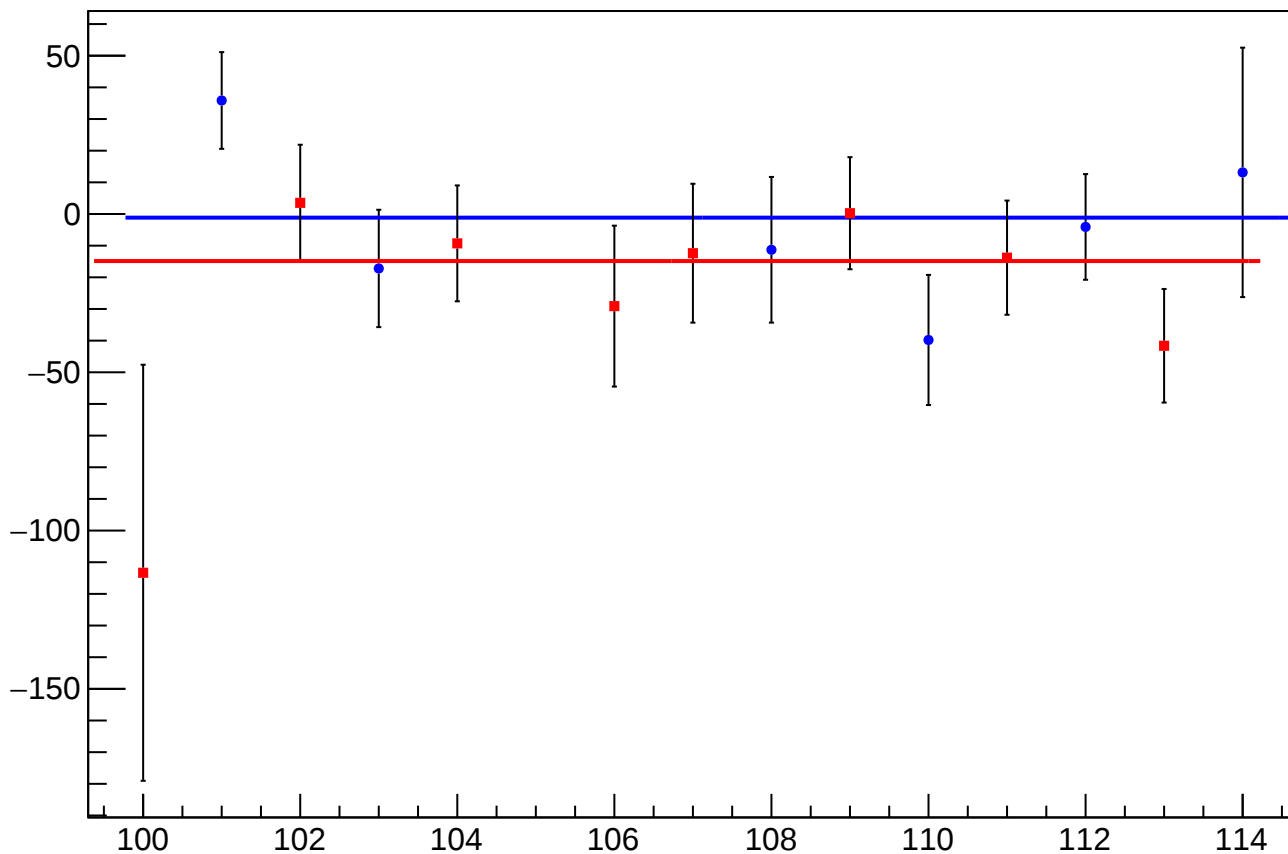
Right: 5115.241+/-1.646 χ^2/NDF : 1036341.4/13

In: 5953.695+/-2.767 χ^2/NDF : 230167.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5115.241+/-1.646 χ^2/NDF : 1036341.4/13

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: -1.152+/-7.984 χ^2/NDF : 10.5/5

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

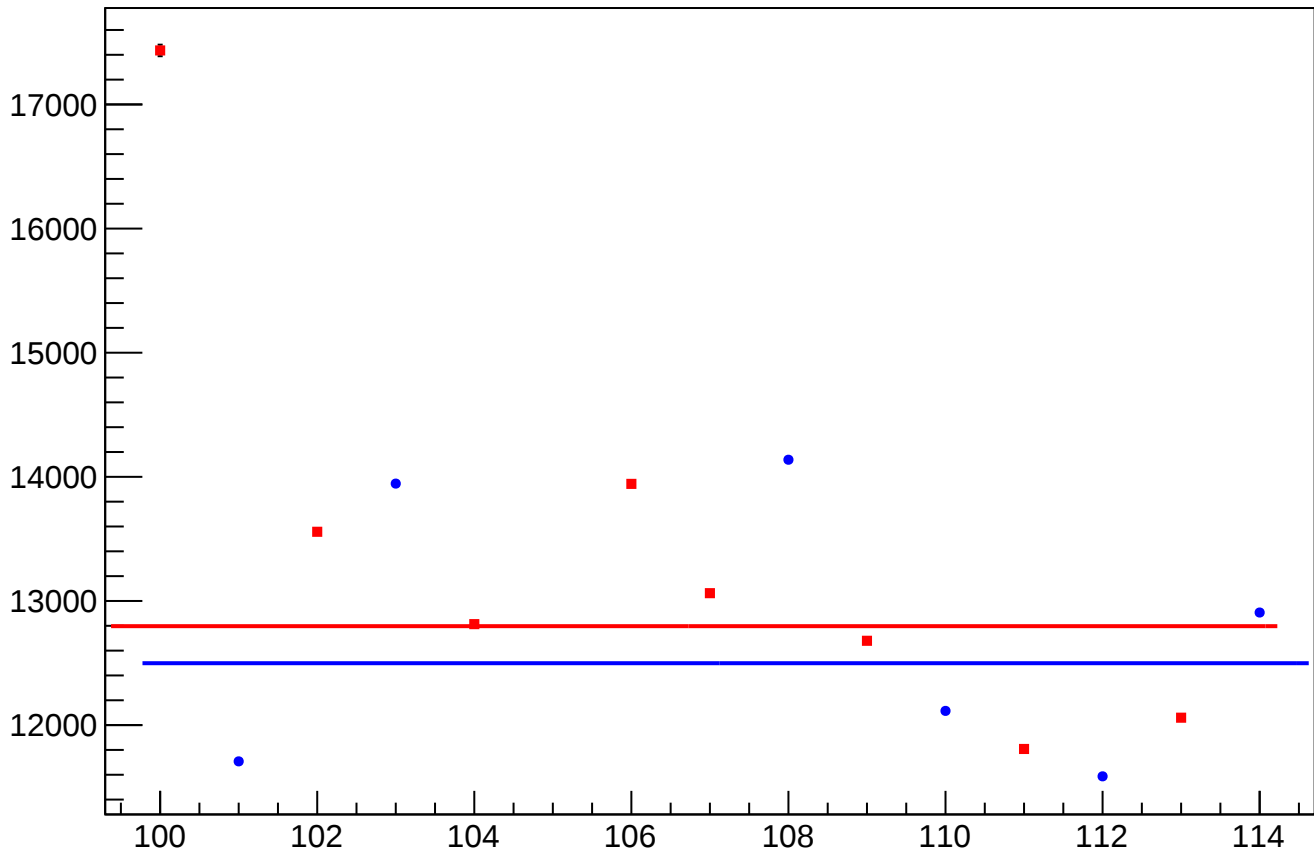
Right: -8.696+/-5.355 χ^2/NDF : 18.8/13

In: -1.152+/-7.984 χ^2/NDF : 10.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.696+/-5.355 χ^2/NDF : 18.8/13

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 12498.599+/-5.646 χ^2/NDF : 34575.2/5

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

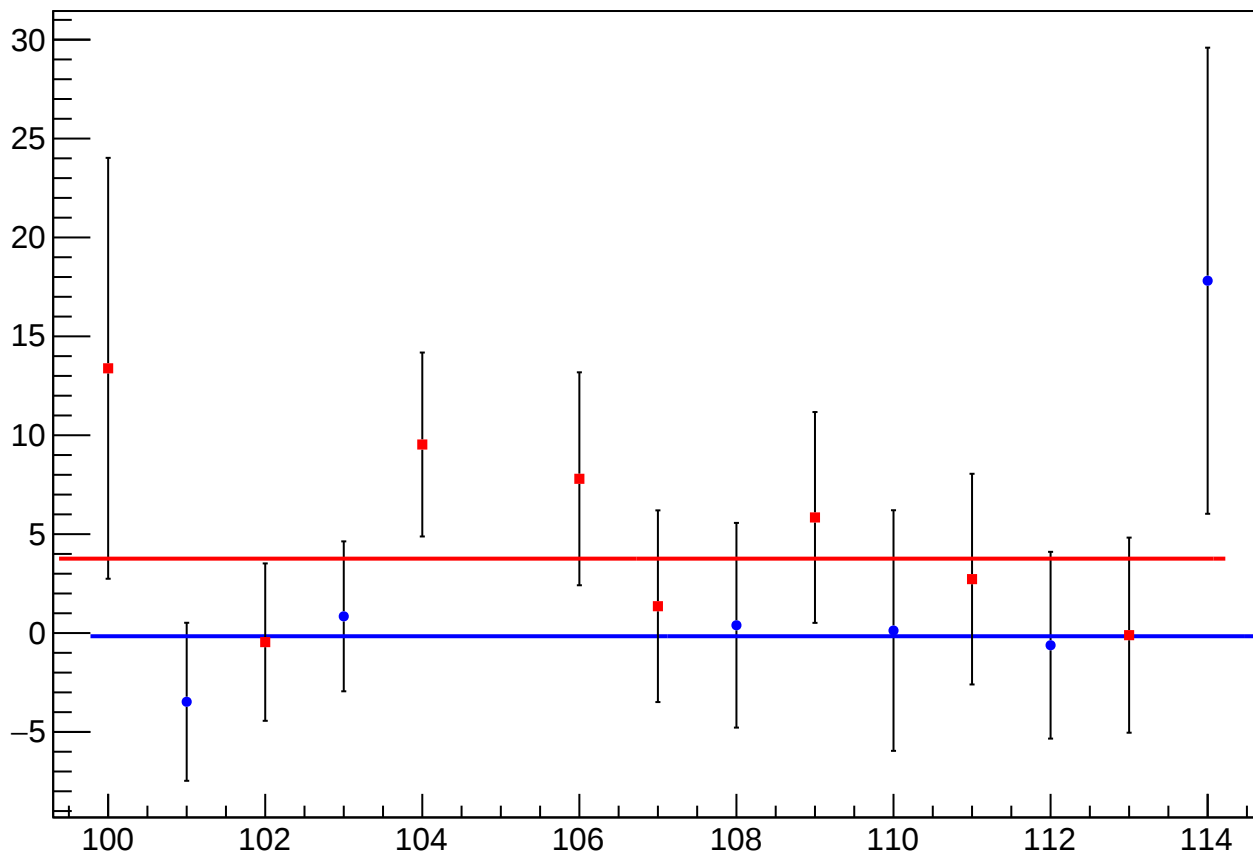
Right: 12662.761+/-3.787 χ^2/NDF : 63356.5/13

In: 12498.599+/-5.646 χ^2/NDF : 34575.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12662.761+/-3.787 χ^2/NDF : 63356.5/13

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.161 ± 2.005 χ^2/NDF : 3.1/5

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

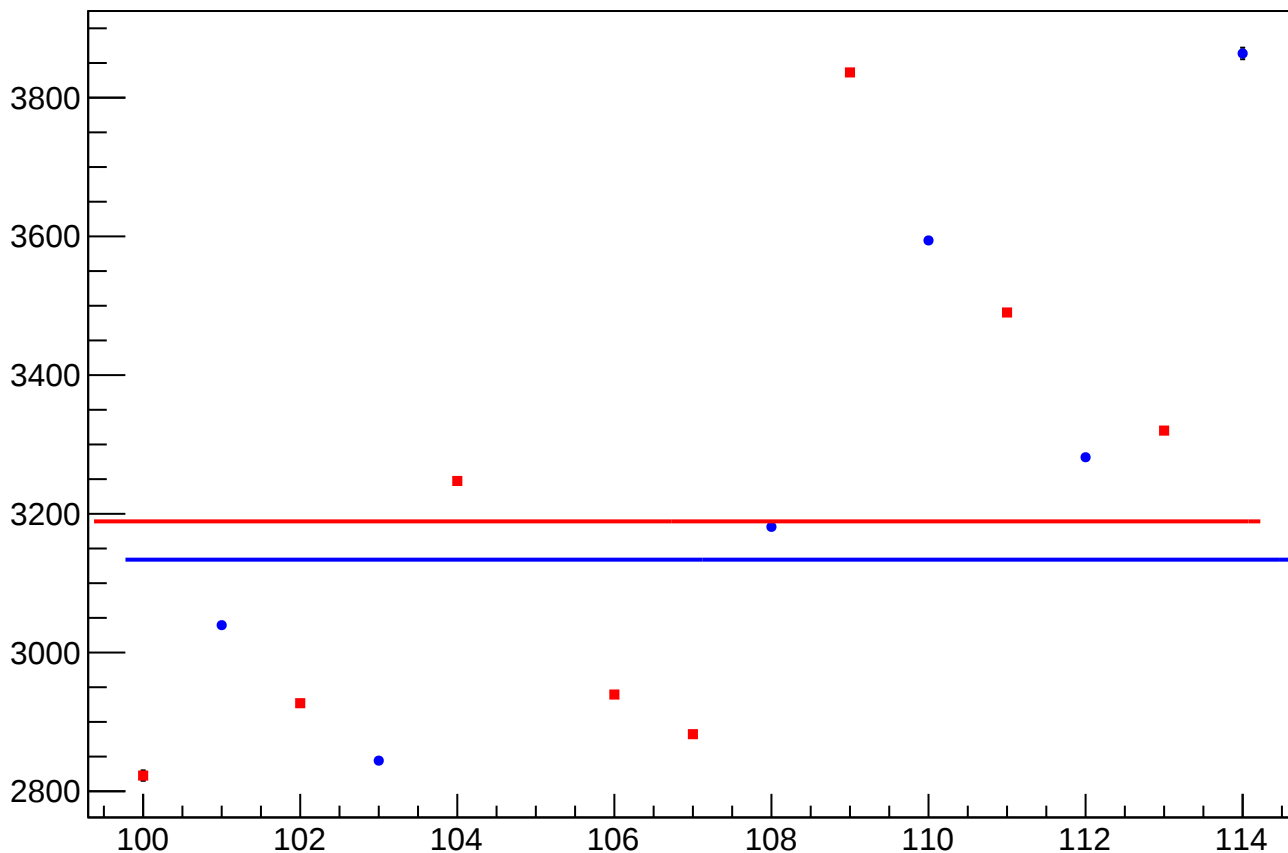
Right: 2.006 ± 1.342 χ^2/NDF : 10.3/13

In: -0.161 ± 2.005 χ^2/NDF : 3.1/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 2.006 ± 1.342 χ^2/NDF : 10.3/13

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3133.918+/-1.418 χ^2/NDF : 34056.6/5

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

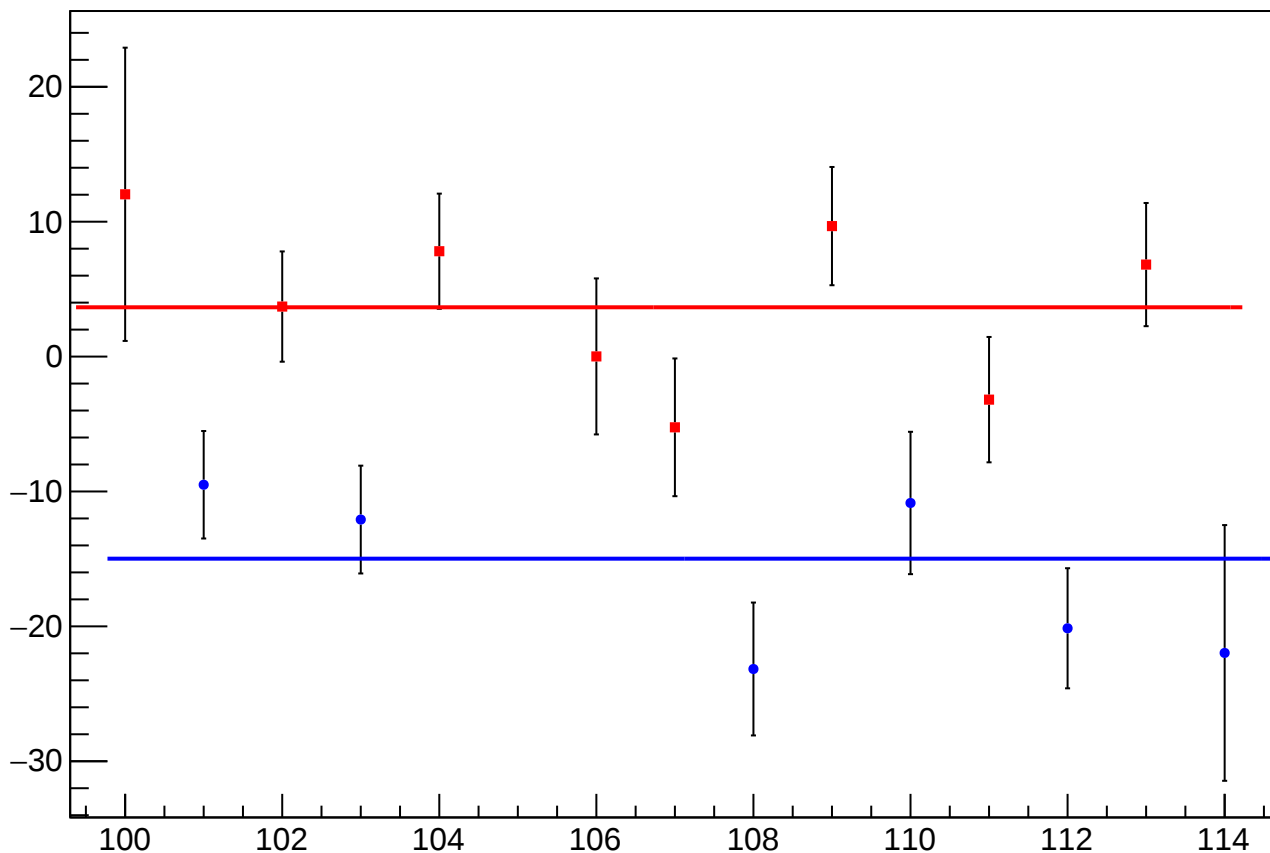
Right: 3164.410+/-0.949 χ^2/NDF : 95887.4/13

In: 3133.918+/-1.418 χ^2/NDF : 34056.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3164.410+/-0.949 χ^2/NDF : 95887.4/13

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -14.982 ± 1.945 χ^2/NDF : 7.7/5

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

Right Out: 3.655 ± 1.721 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

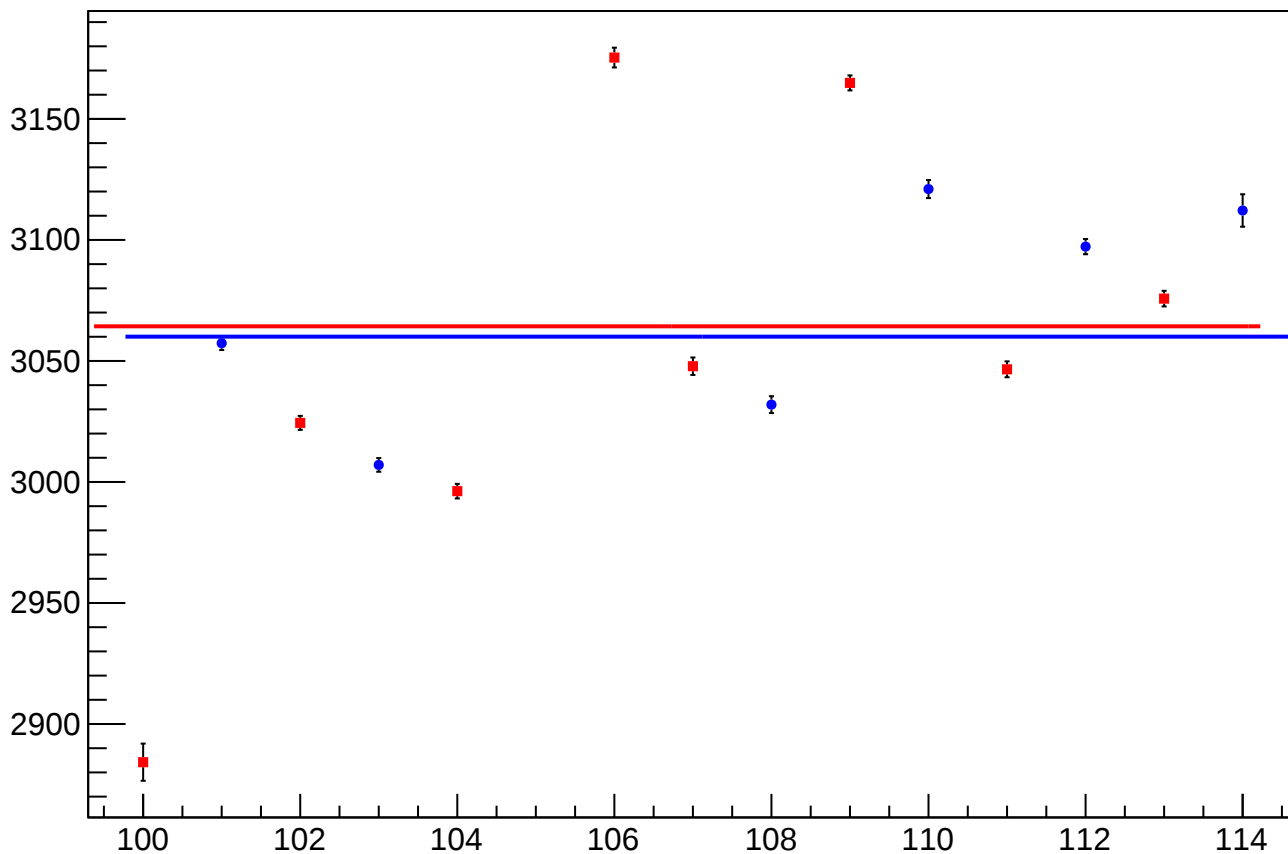
Right: -4.528 ± 1.289 χ^2/NDF : 68.7/13

In: -14.982 ± 1.945 χ^2/NDF : 7.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.528 ± 1.289 χ^2/NDF : 68.7/13

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3060.041 $\pm$ 1.375 χ^2 /NDF: 884.9/5

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

Right Out: 3064.315 $\pm$ 1.217 χ^2 /NDF: 3101.1/7

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

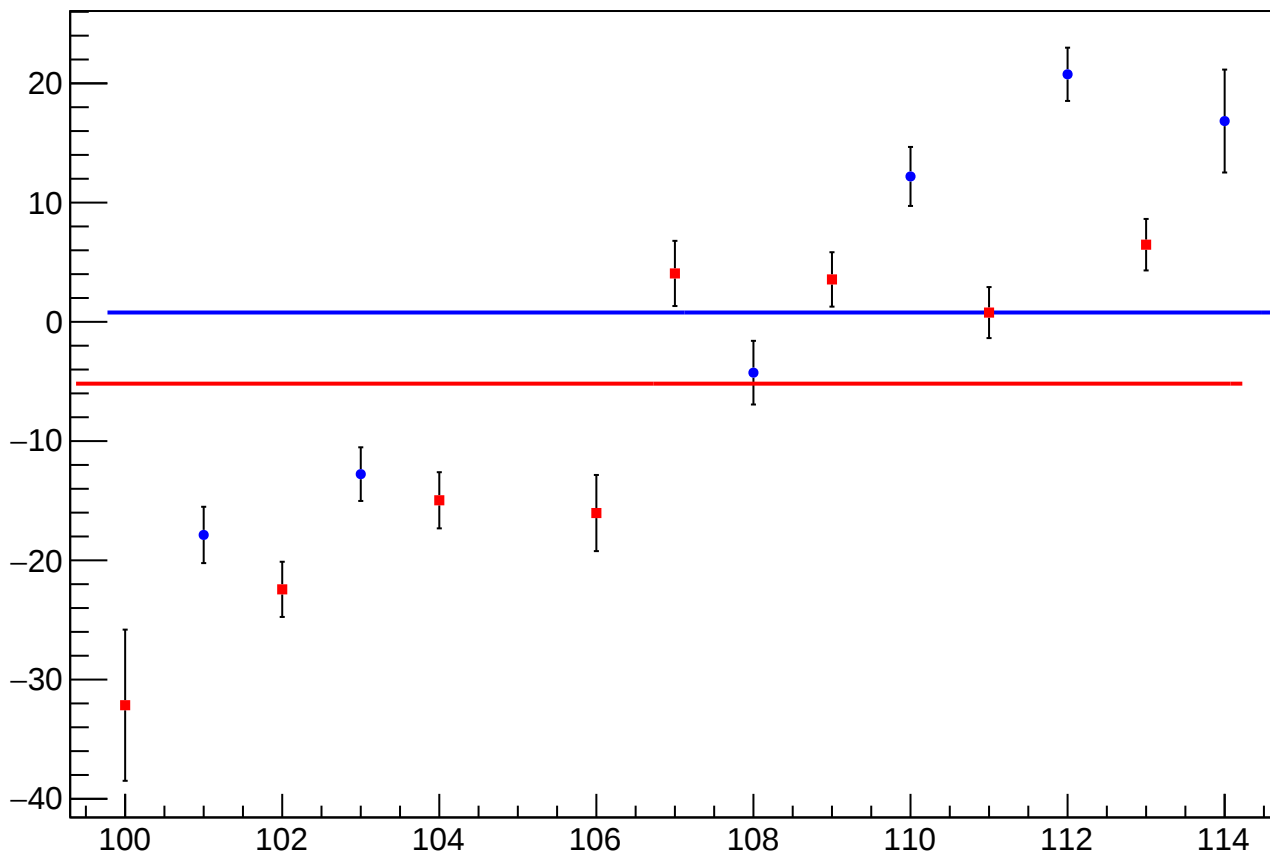
Right: 3062.439 $\pm$ 0.911 χ^2 /NDF: 3991.4/13

In: 3060.041 $\pm$ 1.375 χ^2 /NDF: 884.9/5

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

All: 3062.439 $\pm$ 0.911 χ^2 /NDF: 3991.4/13

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 0.784+/-1.034 χ^2/NDF : 217.3/5

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

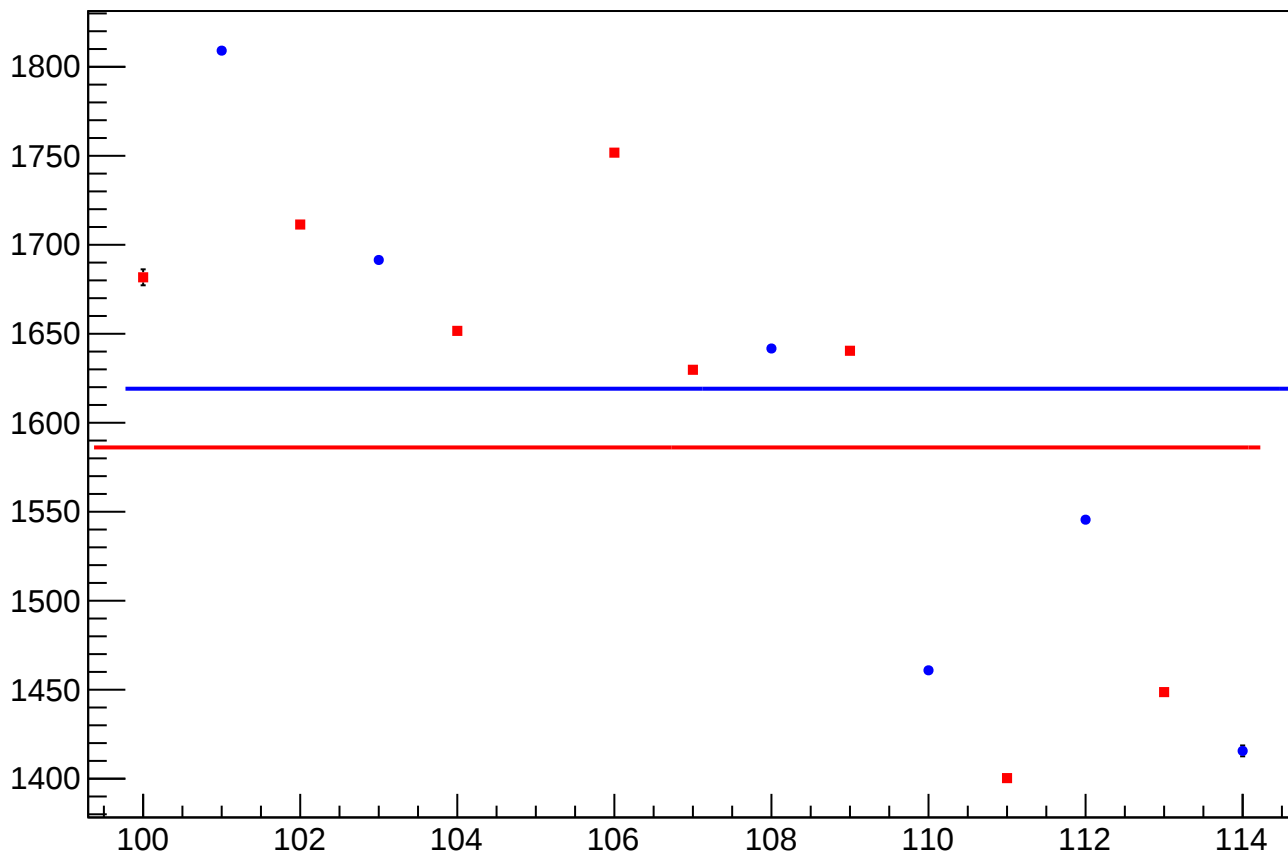
Right: -2.629+/-0.677 χ^2/NDF : 401.8/13

In: 0.784+/-1.034 χ^2/NDF : 217.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.629+/-0.677 χ^2/NDF : 401.8/13

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1619.128+/-0.731 χ^2/NDF : 29947.0/5

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

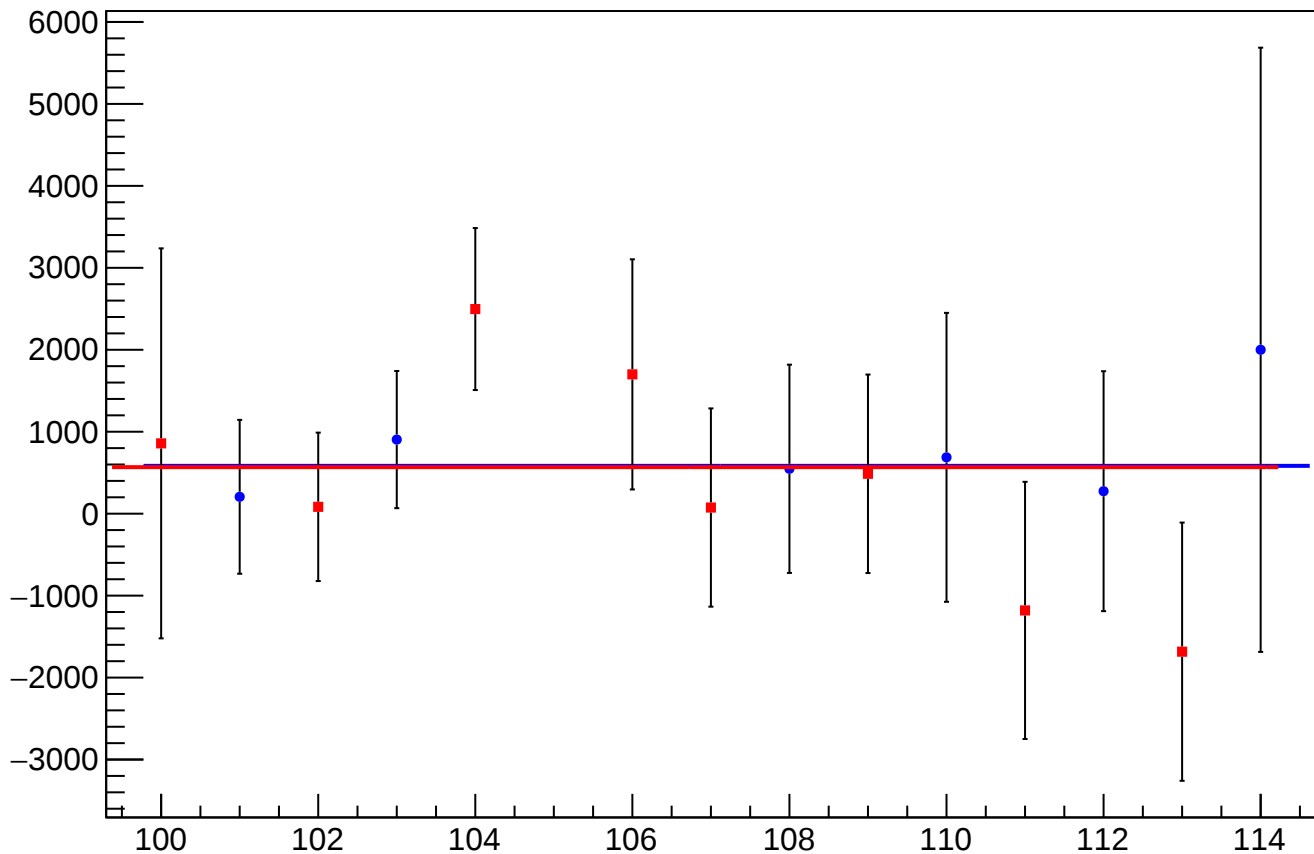
Right: 1600.257+/-0.479 χ^2/NDF : 69187.8/13

In: 1619.128+/-0.731 χ^2/NDF : 29947.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1600.257+/-0.479 χ^2/NDF : 69187.8/13

asym_sam1_mean vs Slug, Sign Corrected



Right In: 583.568 $\pm$ 497.289 χ^2 /NDF: 0.5/5

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

Right Out: 567.783 $\pm$ 442.761 χ^2 /NDF: 8.2/7

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

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

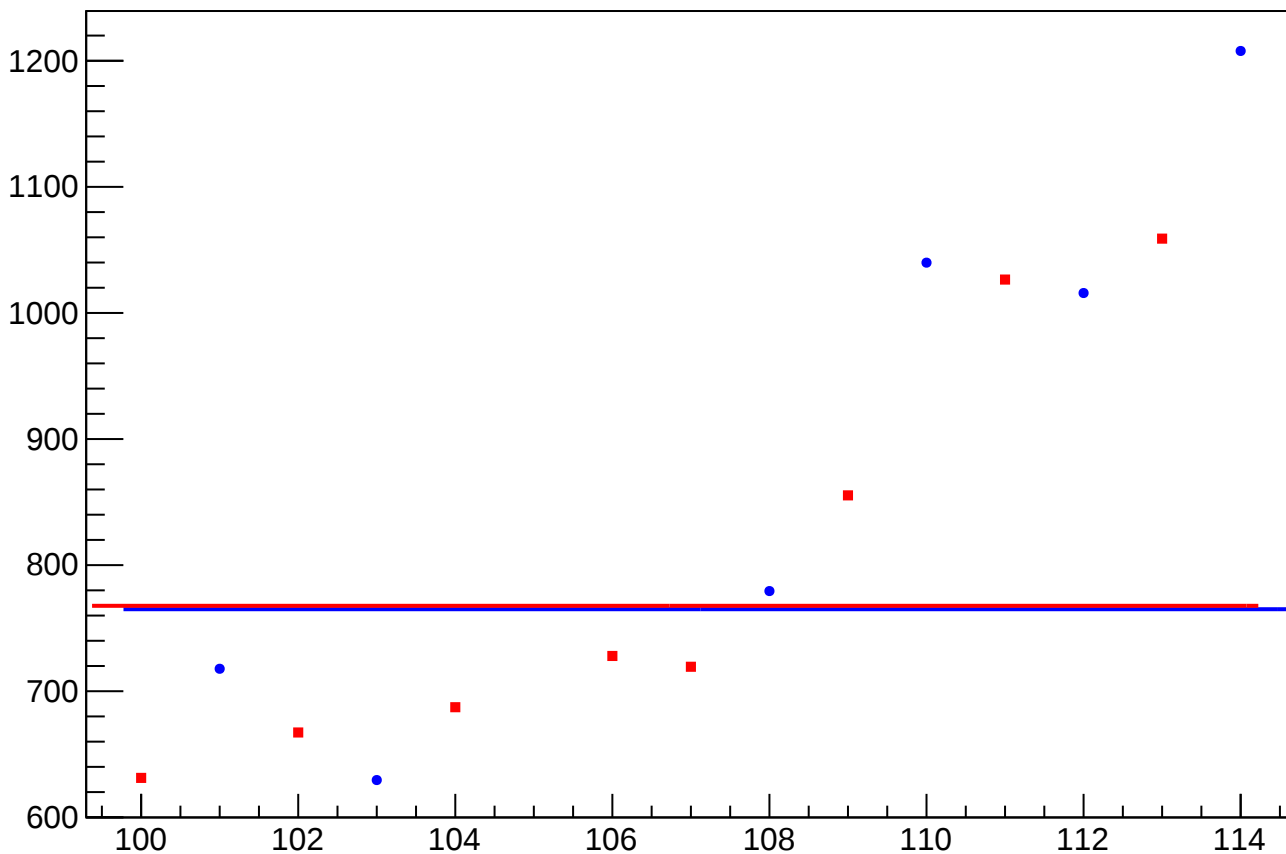
Right: 574.763 $\pm$ 330.684 χ^2 /NDF: 8.7/13

In: 583.568 $\pm$ 497.289 χ^2 /NDF: 0.5/5

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

All: 574.763 $\pm$ 330.684 χ^2 /NDF: 8.7/13

asym_sam1_rms vs Slug, Sign Corrected



Right In: 765.031+/-0.352 χ^2/NDF : 193902.3/5

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

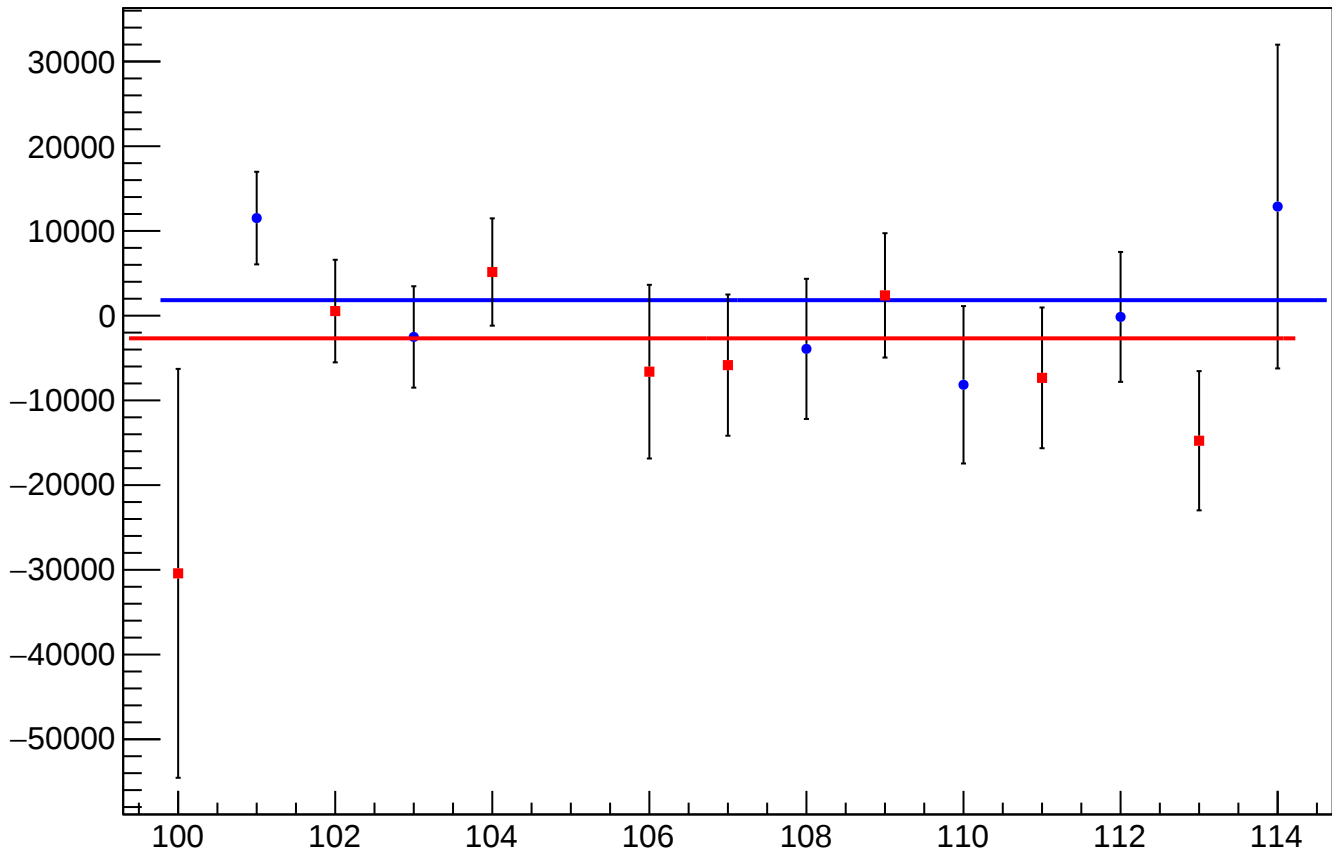
Right: 766.542+/-0.234 χ^2/NDF : 376358.9/13

In: 765.031+/-0.352 χ^2/NDF : 193902.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 766.542+/-0.234 χ^2/NDF : 376358.9/13

asym_sam2_mean vs Slug, Sign Corrected



Right In: 1828.539+/-3051.839 χ^2/NDF : 5.7/5

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

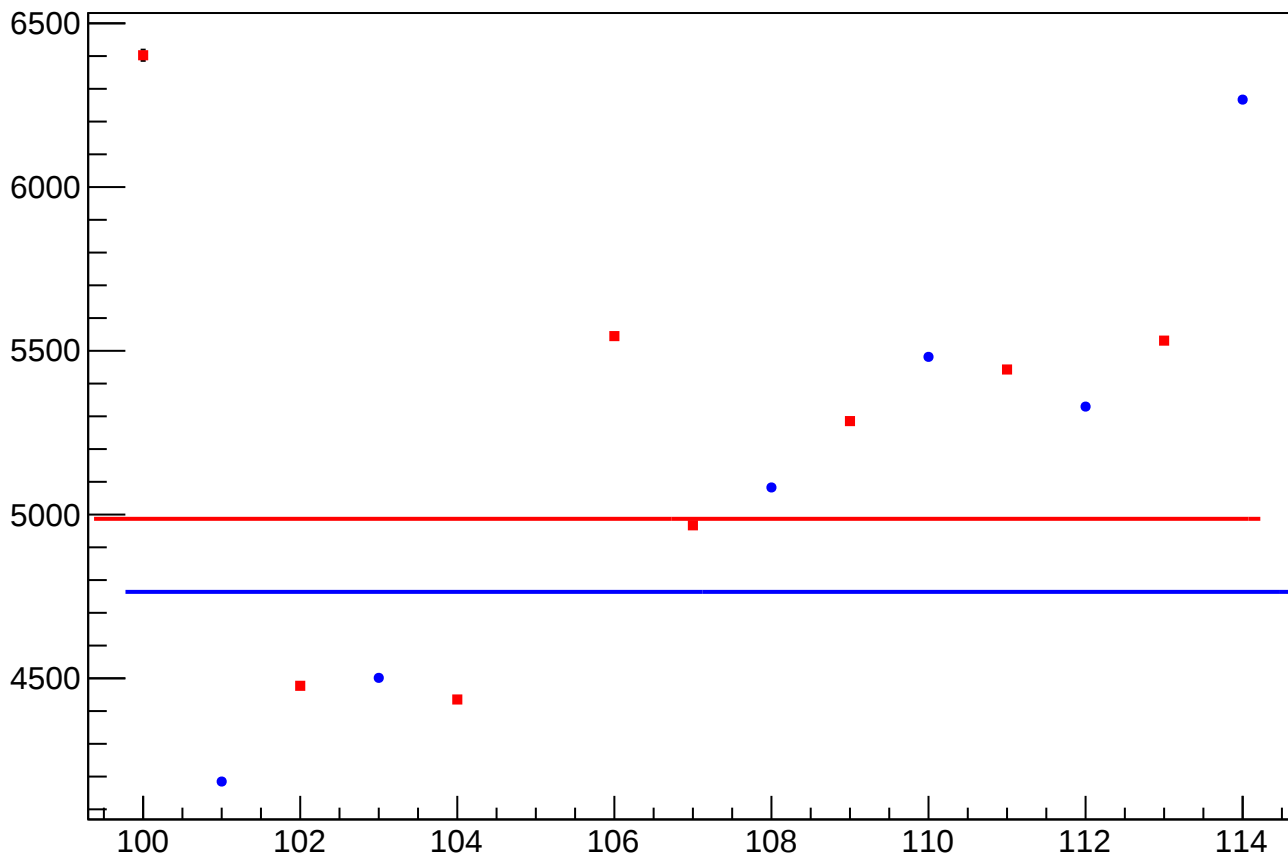
Right: -601.695+/-2071.298 χ^2/NDF : 13.3/13

In: 1828.539+/-3051.839 χ^2/NDF : 5.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -601.695+/-2071.298 χ^2/NDF : 13.3/13

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4763.970+/-2.158 χ^2/NDF : 64482.9/5

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

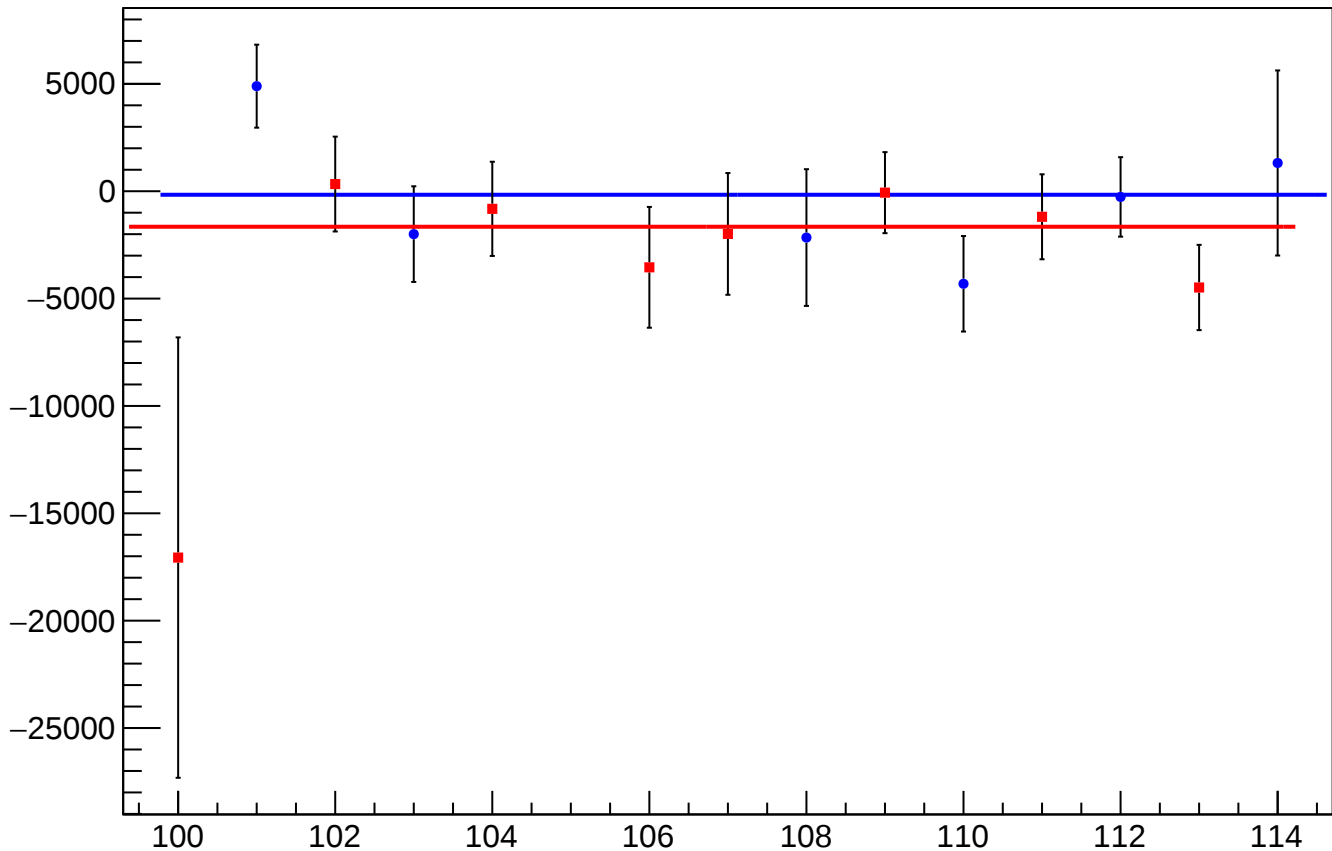
Right: 4884.279+/-1.465 χ^2/NDF : 130522.3/13

In: 4763.970+/-2.158 χ^2/NDF : 64482.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4884.279+/-1.465 χ^2/NDF : 130522.3/13

asym_sam3_mean vs Slug, Sign Corrected



Right In: -164.650+/-946.640 χ^2/NDF : 11.5/5

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

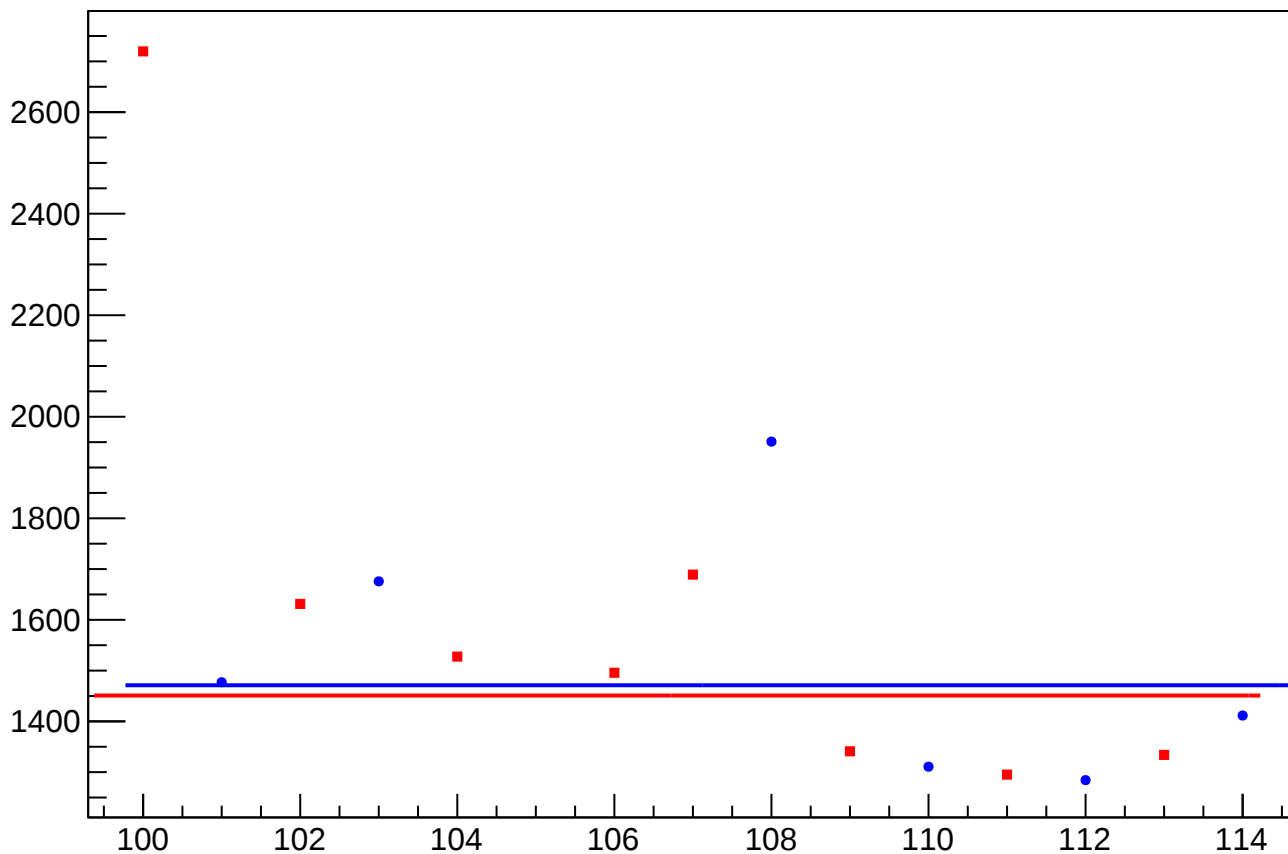
Right: -1009.630+/-622.687 χ^2/NDF : 19.4/13

In: -164.650+/-946.640 χ^2/NDF : 11.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1009.630+/-622.687 χ^2/NDF : 19.4/13

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1471.125+/-0.669 χ^2/NDF : 93534.2/5

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

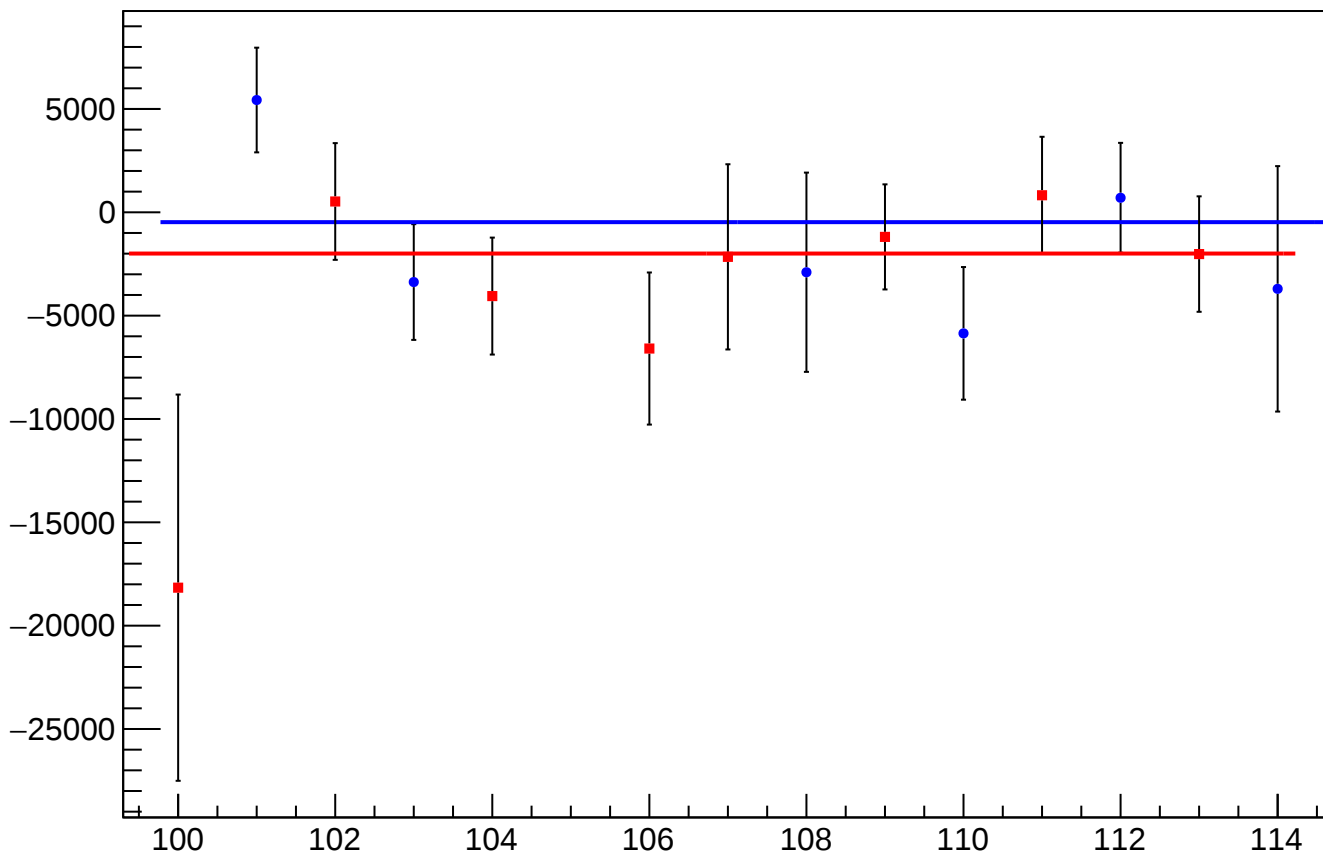
Right: 1459.648+/-0.440 χ^2/NDF : 181210.4/13

In: 1471.125+/-0.669 χ^2/NDF : 93534.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1459.648+/-0.440 χ^2/NDF : 181210.4/13

asym_sam4_mean vs Slug, Sign Corrected



Right In: -476.372+/-1297.965 χ^2/NDF : 10.1/5

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

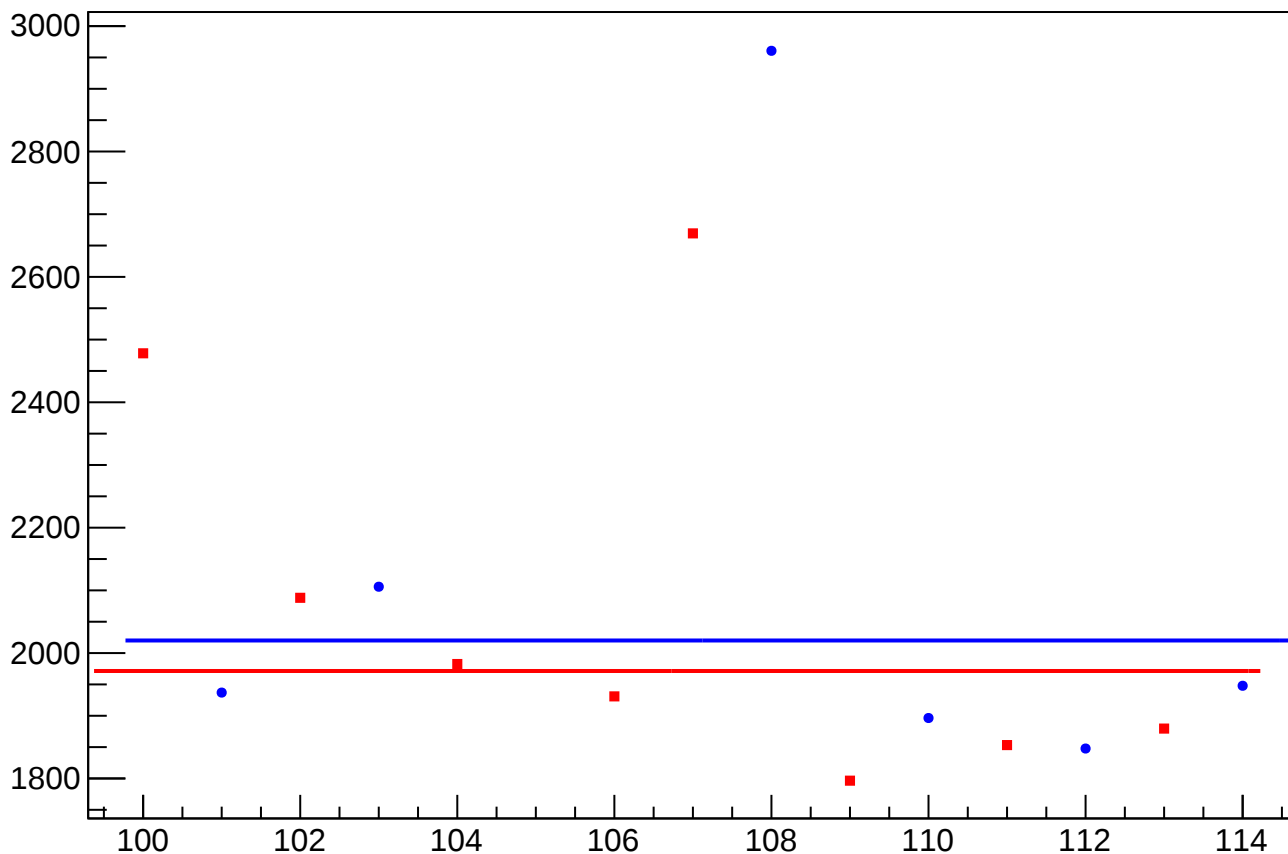
Right: -1345.238+/-849.155 χ^2/NDF : 17.8/13

In: -476.372+/-1297.965 χ^2/NDF :10.1/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1345.238+/-849.155 χ^2/NDF : 17.8/13

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2020.073+/-0.918 χ^2/NDF : 91837.5/5

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

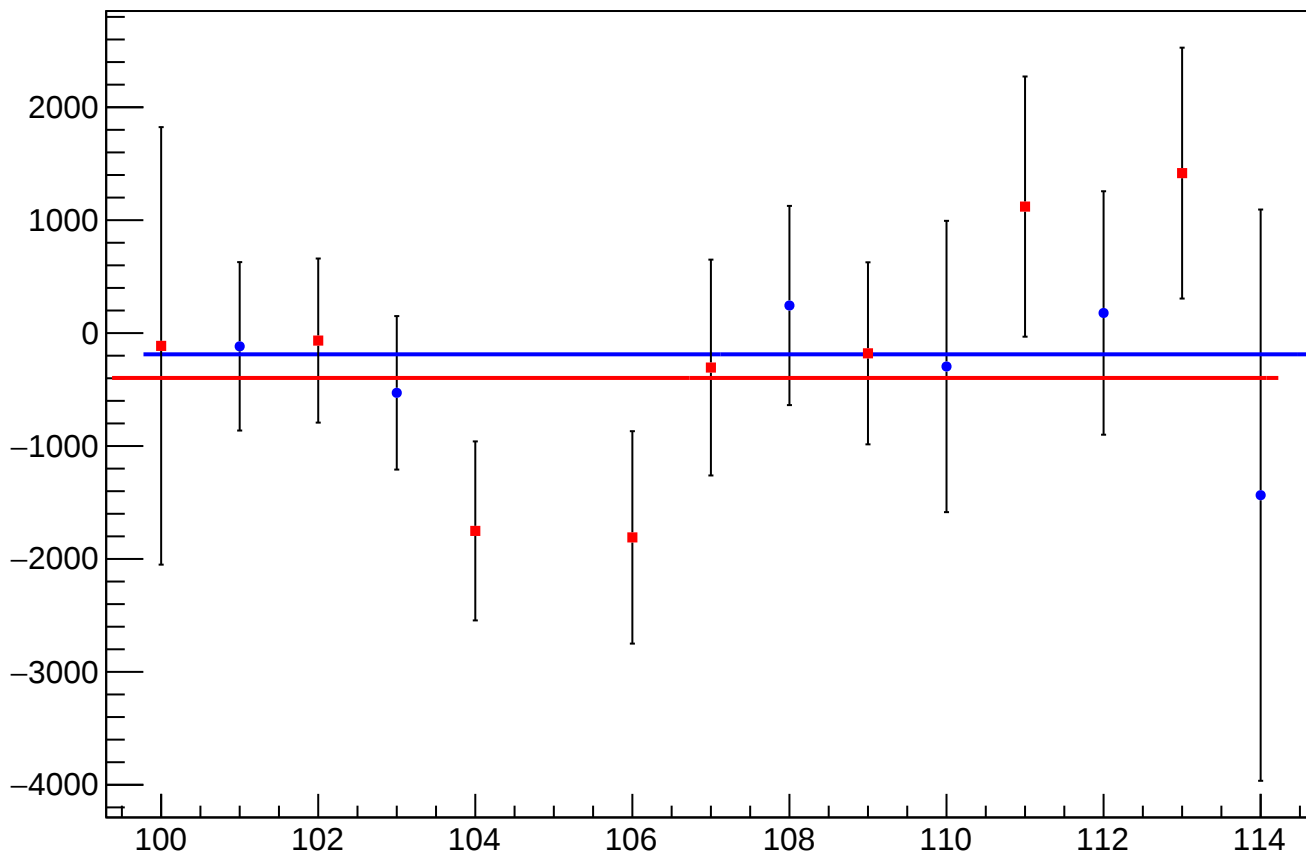
Right: 1992.243+/-0.600 χ^2/NDF : 166670.0/13

In: 2020.073+/-0.918 χ^2/NDF : 91837.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1992.243+/-0.600 χ^2/NDF : 166670.0/13

asym_sam5_mean vs Slug, Sign Corrected



Right In: -187.942+/-381.615 χ^2/NDF : 0.9/5

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

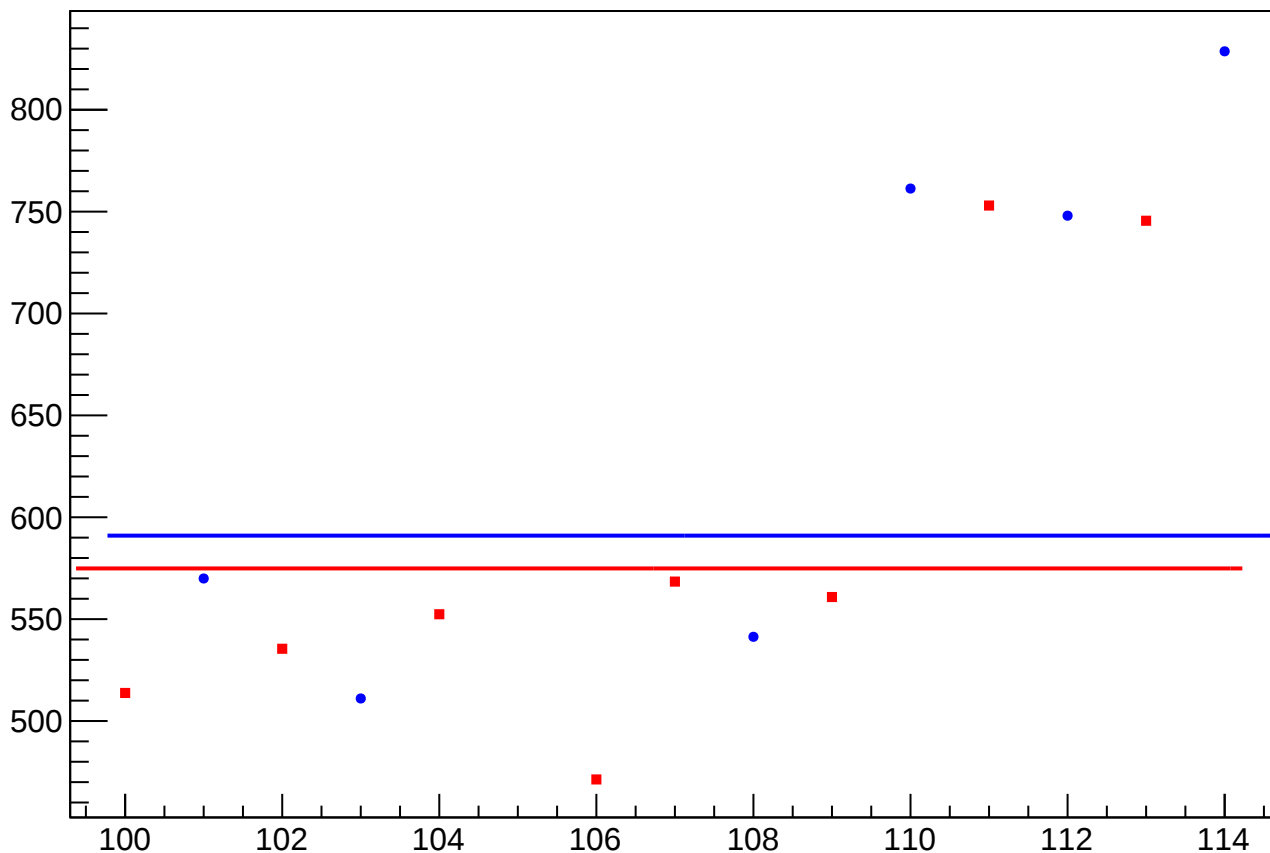
Right: -307.070+/-250.410 χ^2/NDF : 10.9/13

In: -187.942+/-381.615 χ^2/NDF : 0.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -307.070+/-250.410 χ^2/NDF : 10.9/13

asym_sam5_rms vs Slug, Sign Corrected



Right In: 590.984+/-0.270 χ^2/NDF : 130571.9/5

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

Right Out: 574.883+/-0.235 χ^2/NDF : 129433.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

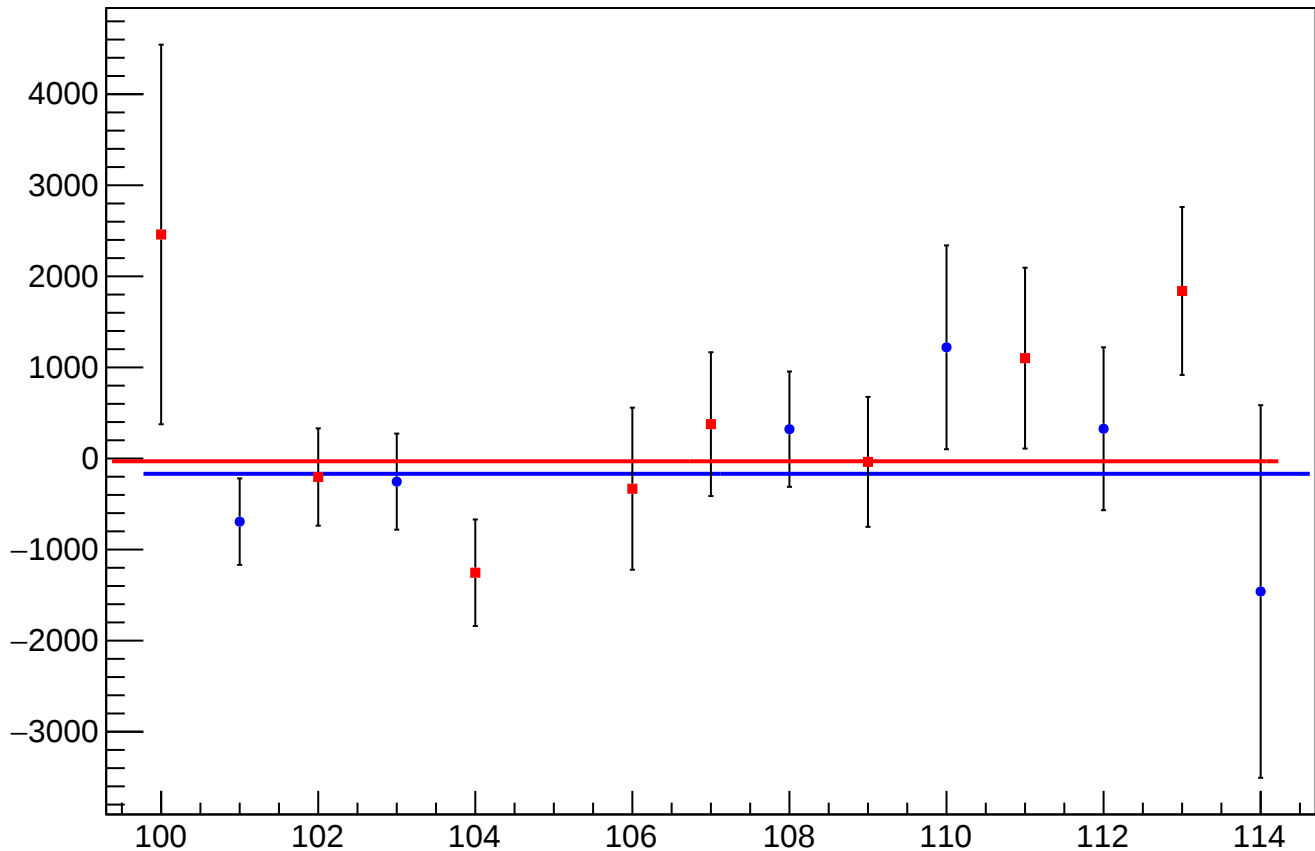
Right: 581.815+/-0.177 χ^2/NDF : 262032.8/13

In: 590.984+/-0.270 χ^2/NDF : 130571.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 581.815+/-0.177 χ^2/NDF : 262032.8/13

asym_sam6_mean vs Slug, Sign Corrected



Right In: -168.128+/-279.347 χ^2/NDF : 4.1/5

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

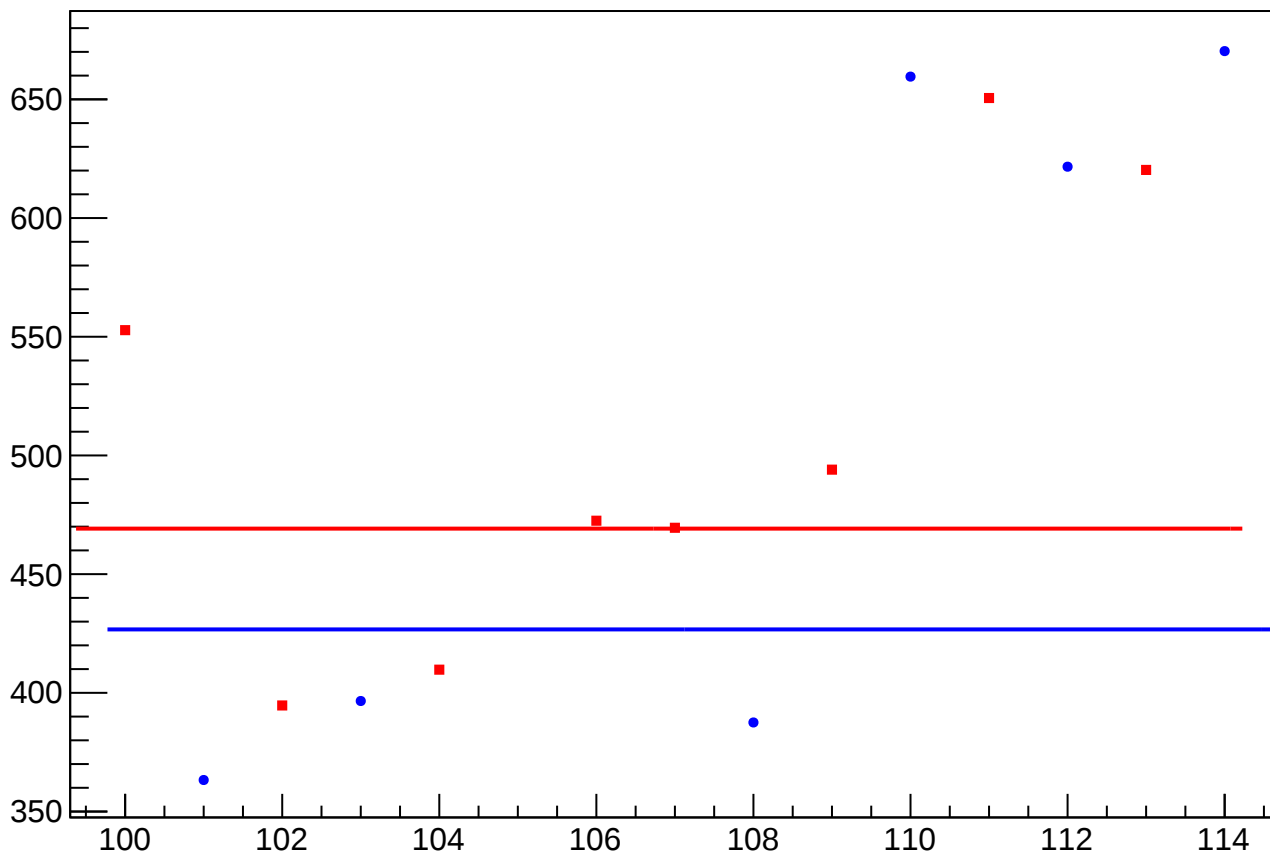
Right: -97.133+/-194.275 χ^2/NDF : 15.9/13

In: -168.128+/-279.347 χ^2/NDF : 4.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -97.133+/-194.275 χ^2/NDF : 15.9/13

asym_sam6_rms vs Slug, Sign Corrected



Right In: 426.717 $\pm$ 0.198 χ^2 /NDF: 259833.0/5

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

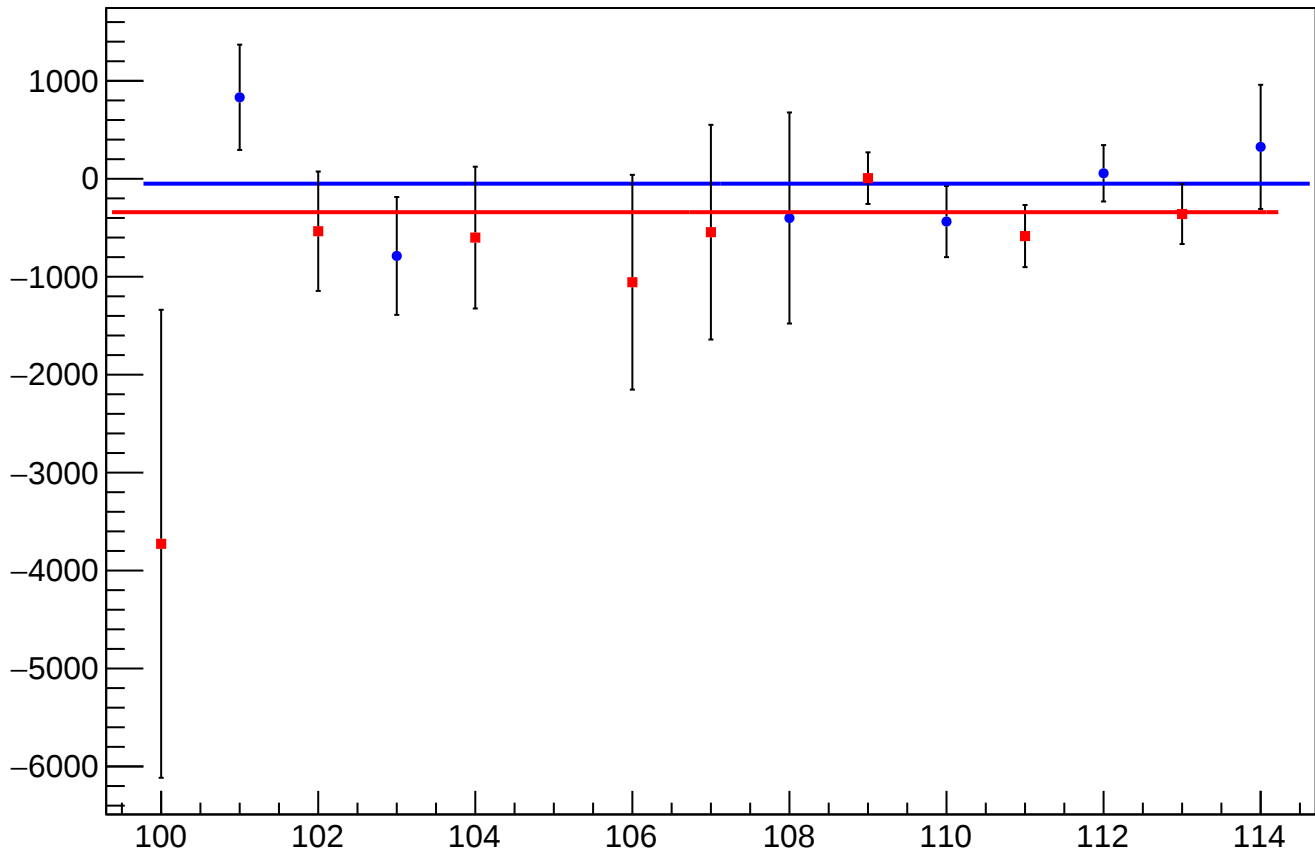
Right: 448.640 $\pm$ 0.137 χ^2 /NDF: 469337.3/13

In: 426.717 $\pm$ 0.198 χ^2 /NDF:259833.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 448.640 $\pm$ 0.137 χ^2 /NDF: 469337.3/13

asym_sam7_mean vs Slug, Sign Corrected



Right In: -49.888+/-185.040 χ^2/NDF : 5.9/5

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

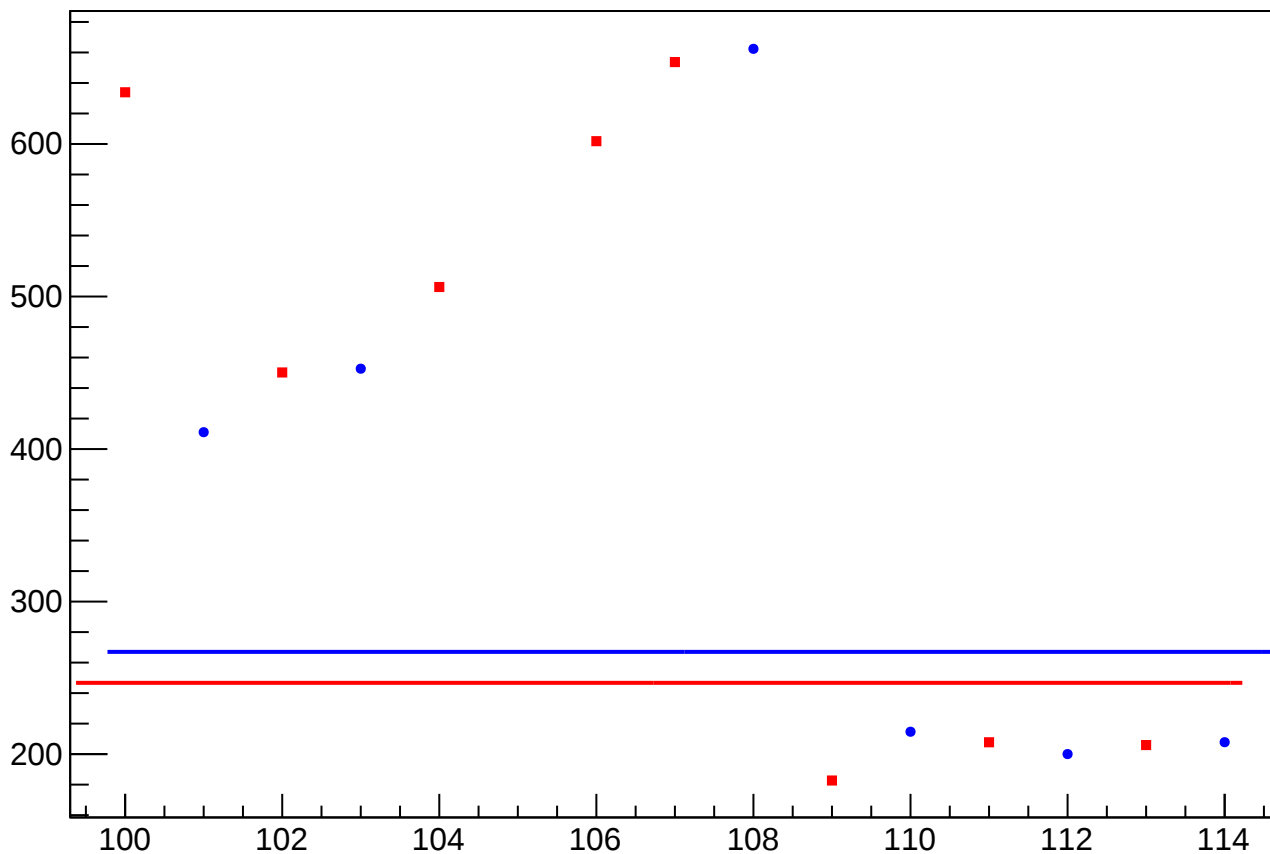
Right: -220.649+/-118.963 χ^2/NDF : 12.4/13

In: -49.888+/-185.040 χ^2/NDF : 5.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -220.649+/-118.963 χ^2/NDF : 12.4/13

asym_sam7_rms vs Slug, Sign Corrected



Right In: 267.036+/-0.131 χ^2/NDF : 770573.1/5

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

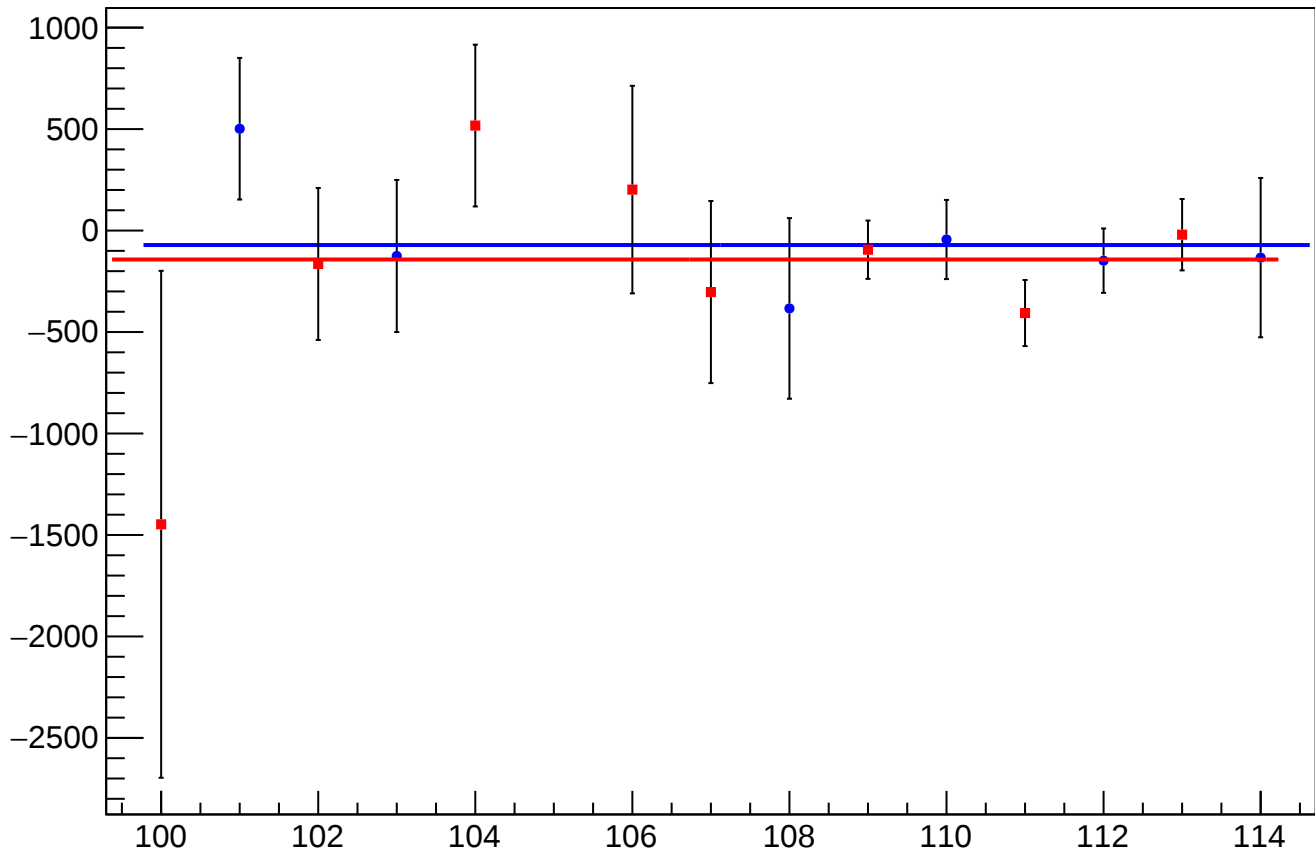
Right: 255.124+/-0.084 χ^2/NDF : 1986460.6/13

In: 267.036+/-0.131 χ^2/NDF : 770573.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 255.124+/-0.084 χ^2/NDF : 1986460.6/13

asym_sam8_mean vs Slug, Sign Corrected



Right In: -71.309 ± 103.741 χ^2/NDF : 3.5/5

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

Right Out: -142.539 ± 84.102 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

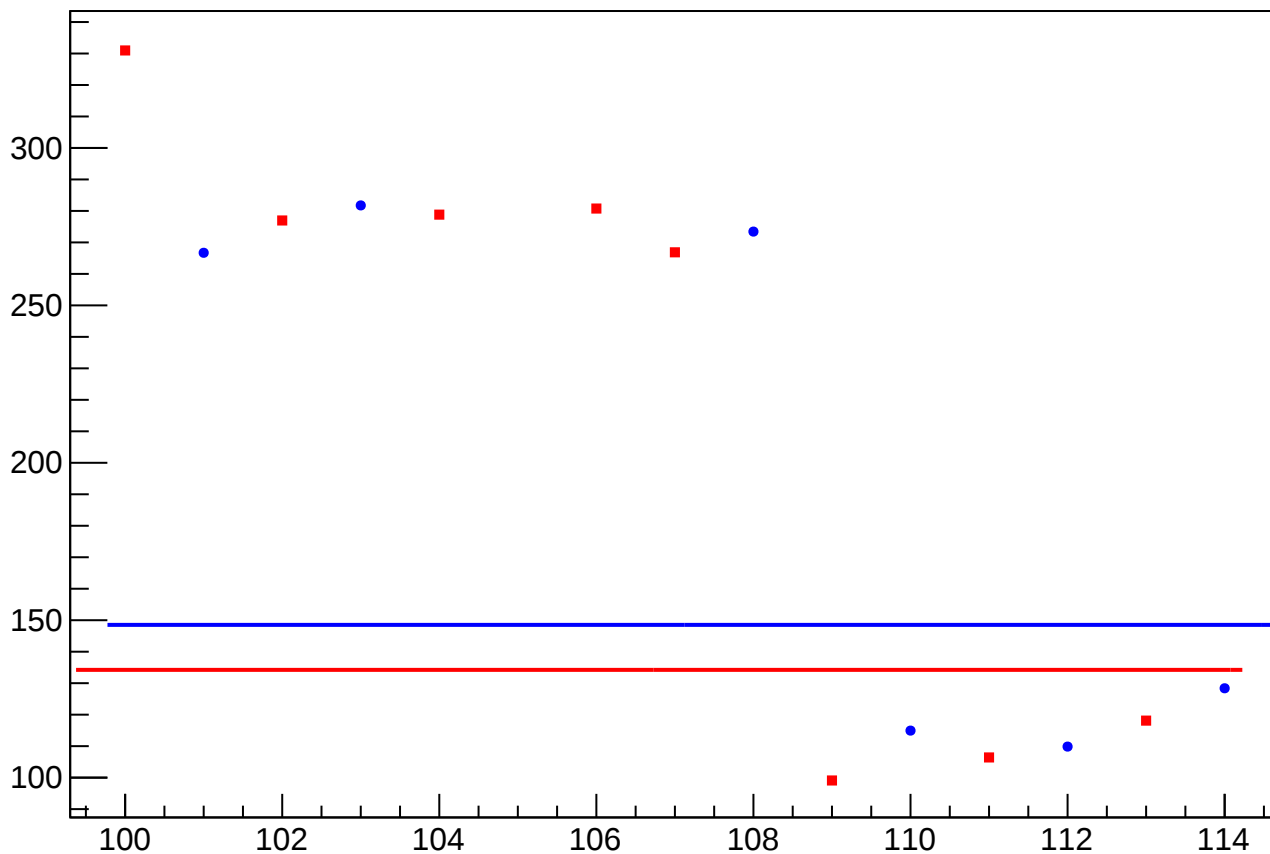
Right: -114.291 ± 65.330 χ^2/NDF : 11.4/13

In: -71.309 ± 103.741 χ^2/NDF : 3.5/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -114.291 ± 65.330 χ^2/NDF : 11.4/13

asym_sam8_rms vs Slug, Sign Corrected



Right In: 148.520+/-0.073 χ^2/NDF : 823305.8/5

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

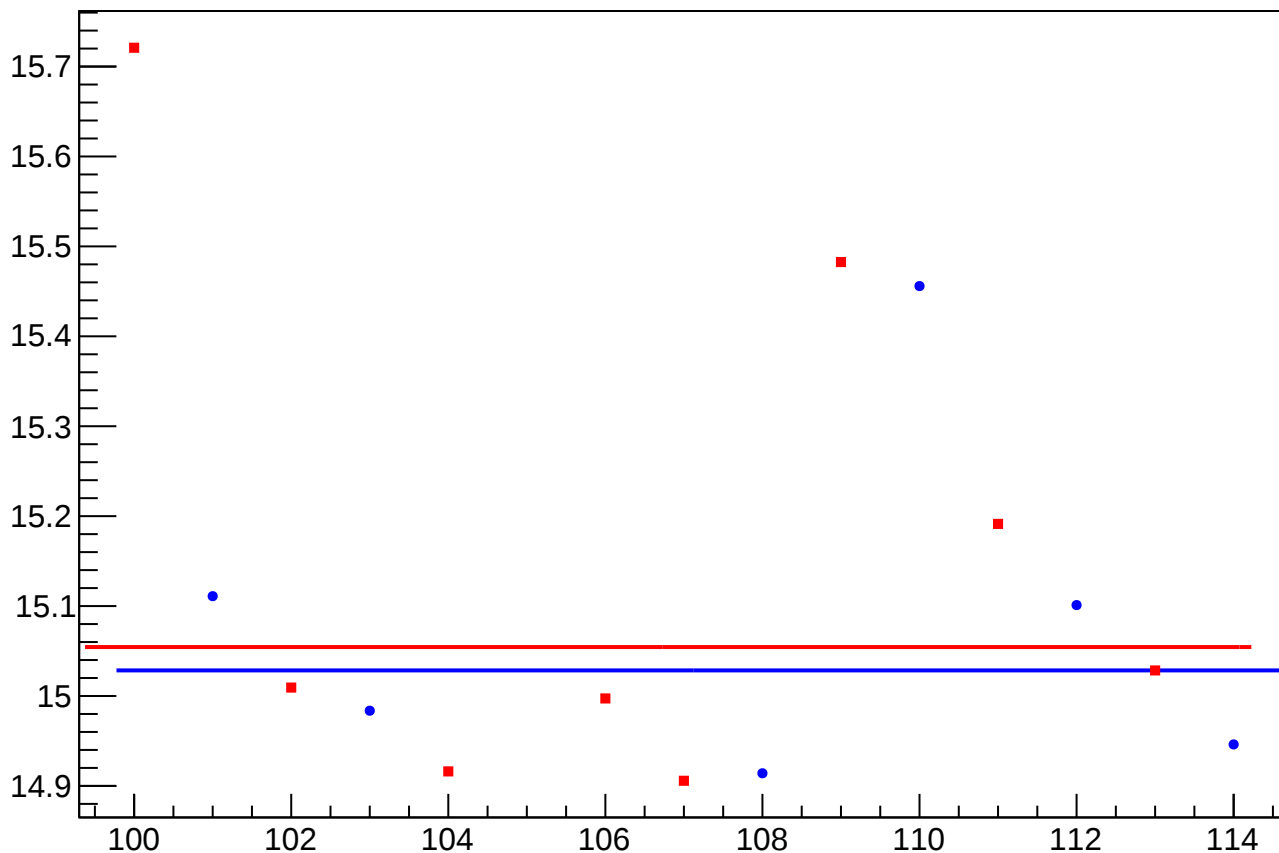
Right: 139.896+/-0.046 χ^2/NDF : 1983393.1/13

In: 148.520+/-0.073 χ^2/NDF : 823305.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.896+/-0.046 χ^2/NDF : 1983393.1/13

yield_sam1_mean vs Slug, Sign Corrected



Right In: 15.028+/-0.000 χ^2/NDF : 39514878.8/5

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

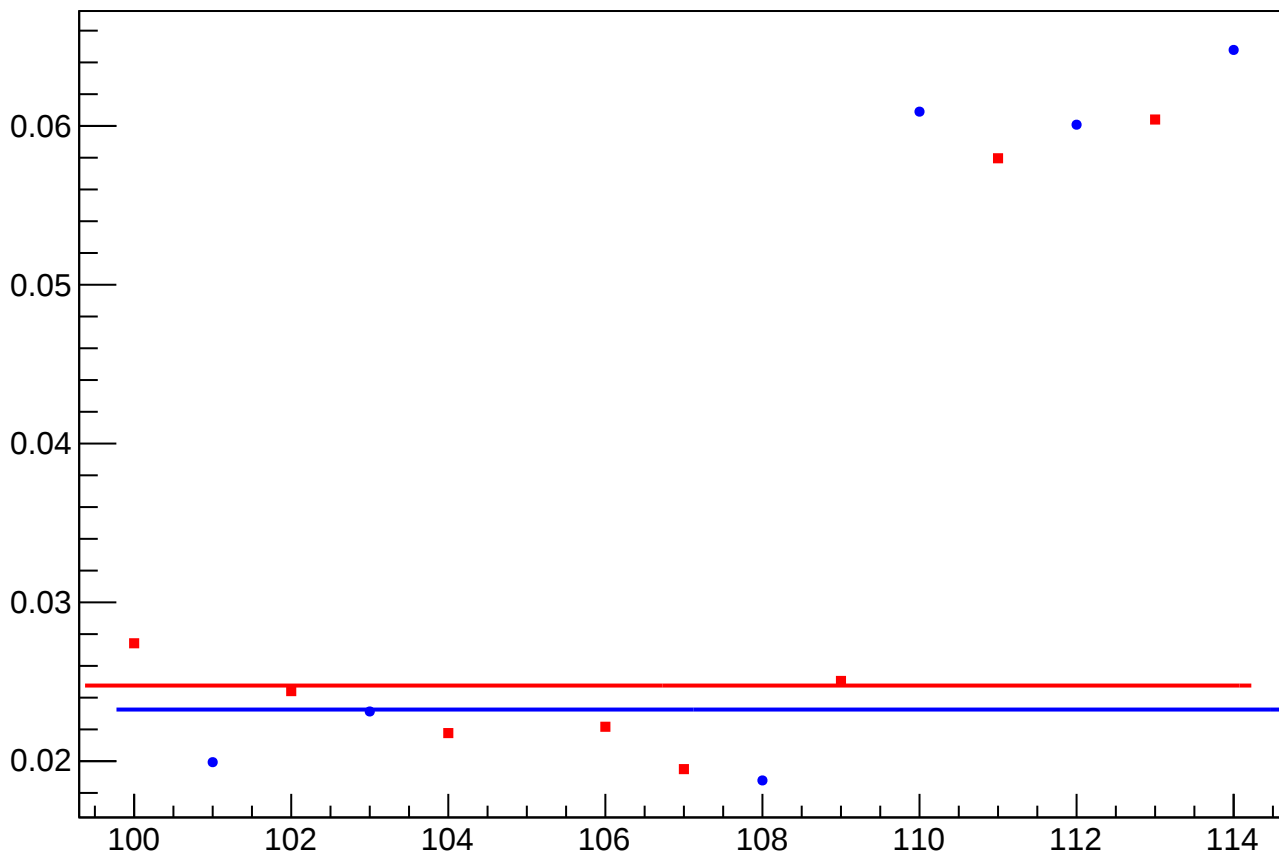
Right: 15.042+/-0.000 χ^2/NDF : 226677373.3/13

In: 15.028+/-0.000 χ^2/NDF : 39514878.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.042+/-0.000 χ^2/NDF : 226677373.3/13

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 729661.1/5

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

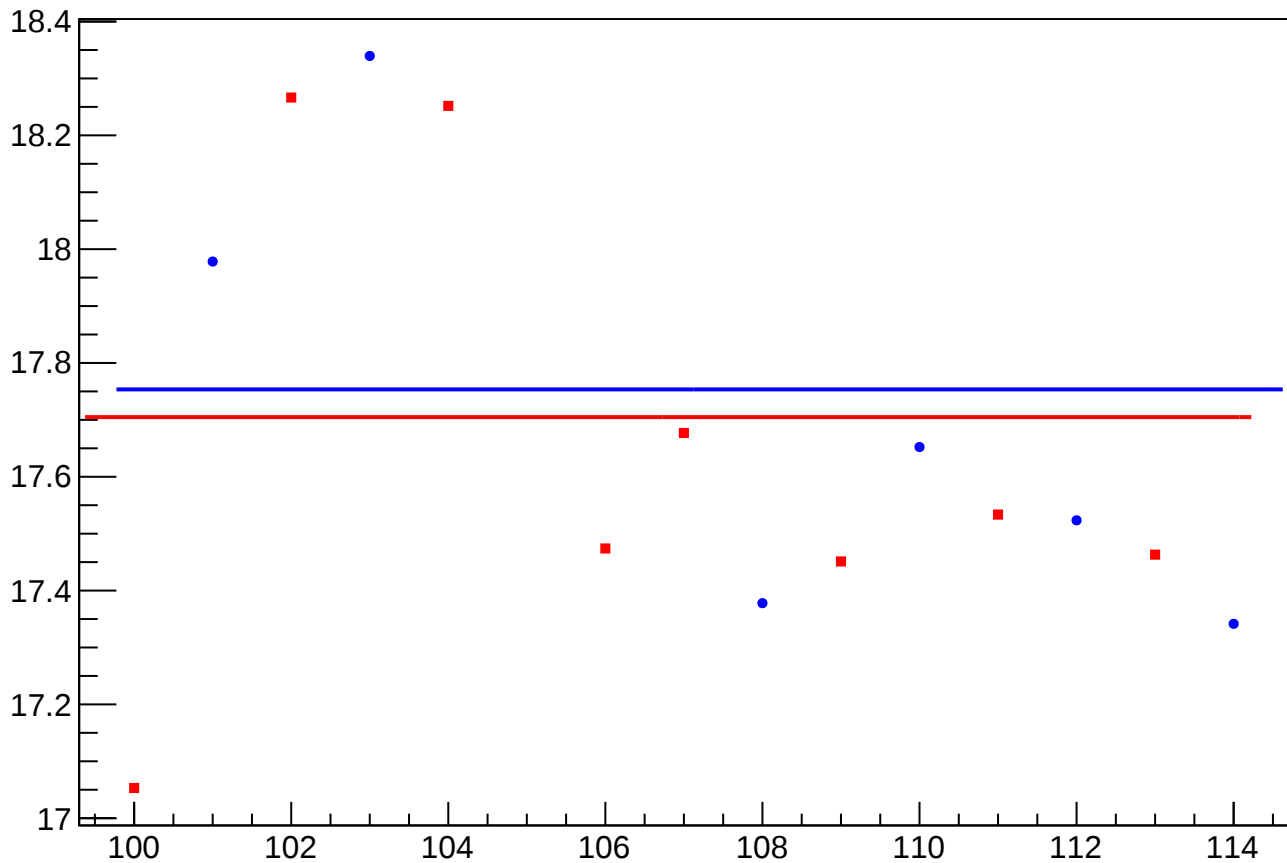
Right: 0.024+/-0.000 χ^2/NDF : 1369291.0/13

In: 0.023+/-0.000 χ^2/NDF : 729661.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1369291.0/13

yield_sam2_mean vs Slug, Sign Corrected



Right In: 17.754+/-0.000 χ^2/NDF : 3897012.1/5

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

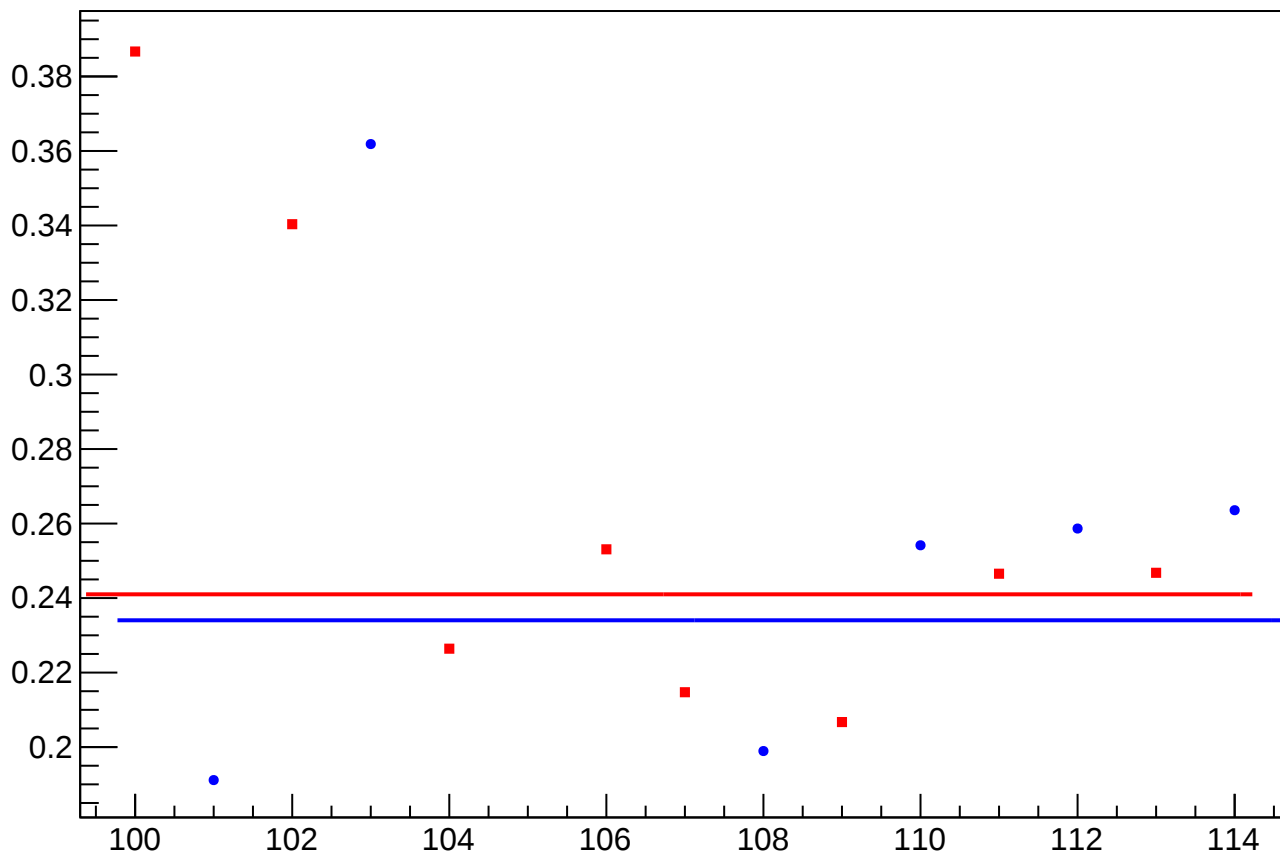
Right: 17.727+/-0.000 χ^2/NDF : 9317713.0/13

In: 17.754+/-0.000 χ^2/NDF : 3897012.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.727+/-0.000 χ^2/NDF : 9317713.0/13

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.234+/-0.000 χ^2/NDF : 223164.1/5

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

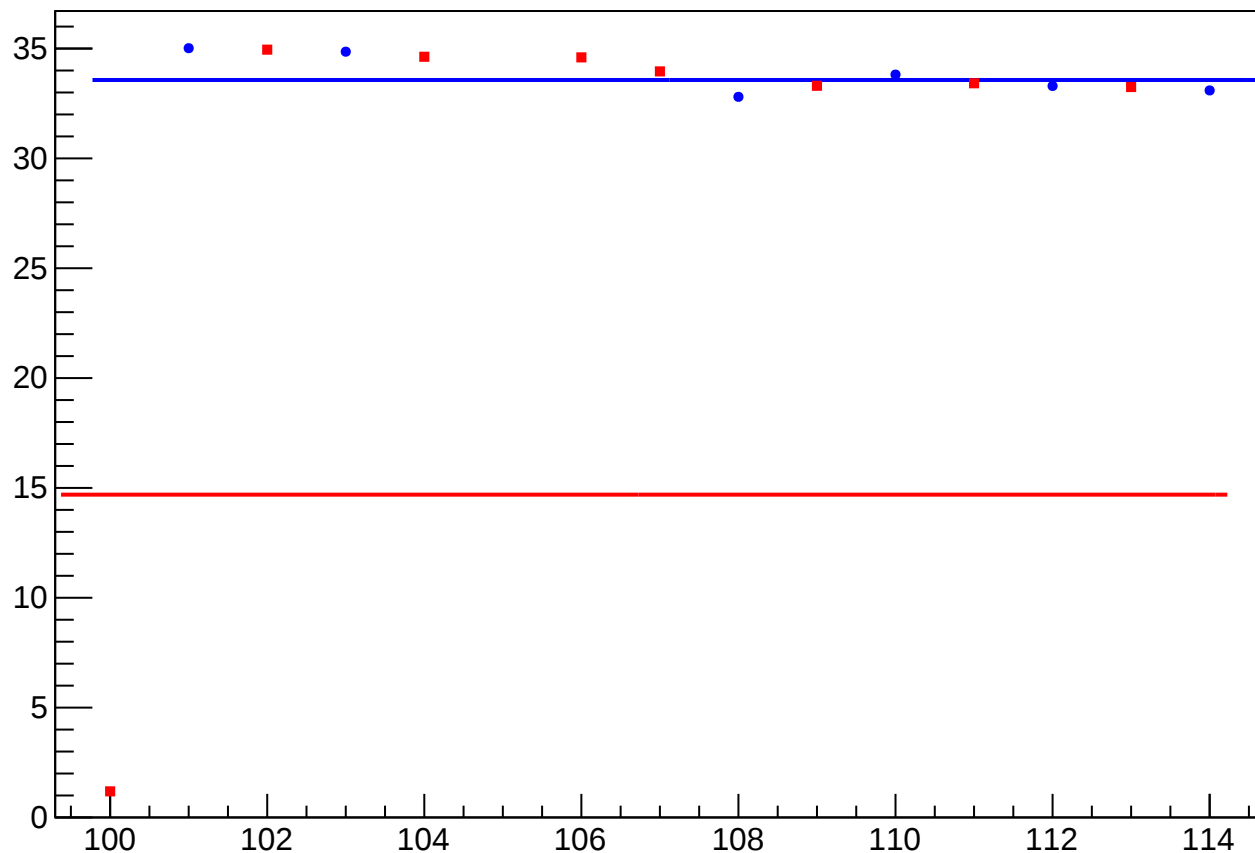
Right: 0.238+/-0.000 χ^2/NDF : 369586.5/13

In: 0.234+/-0.000 χ^2/NDF : 223164.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.238+/-0.000 χ^2/NDF : 369586.5/13

yield_sam3_mean vs Slug, Sign Corrected



Right In: 33.569+/-0.000 χ^2/NDF : 73321167.9/5

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

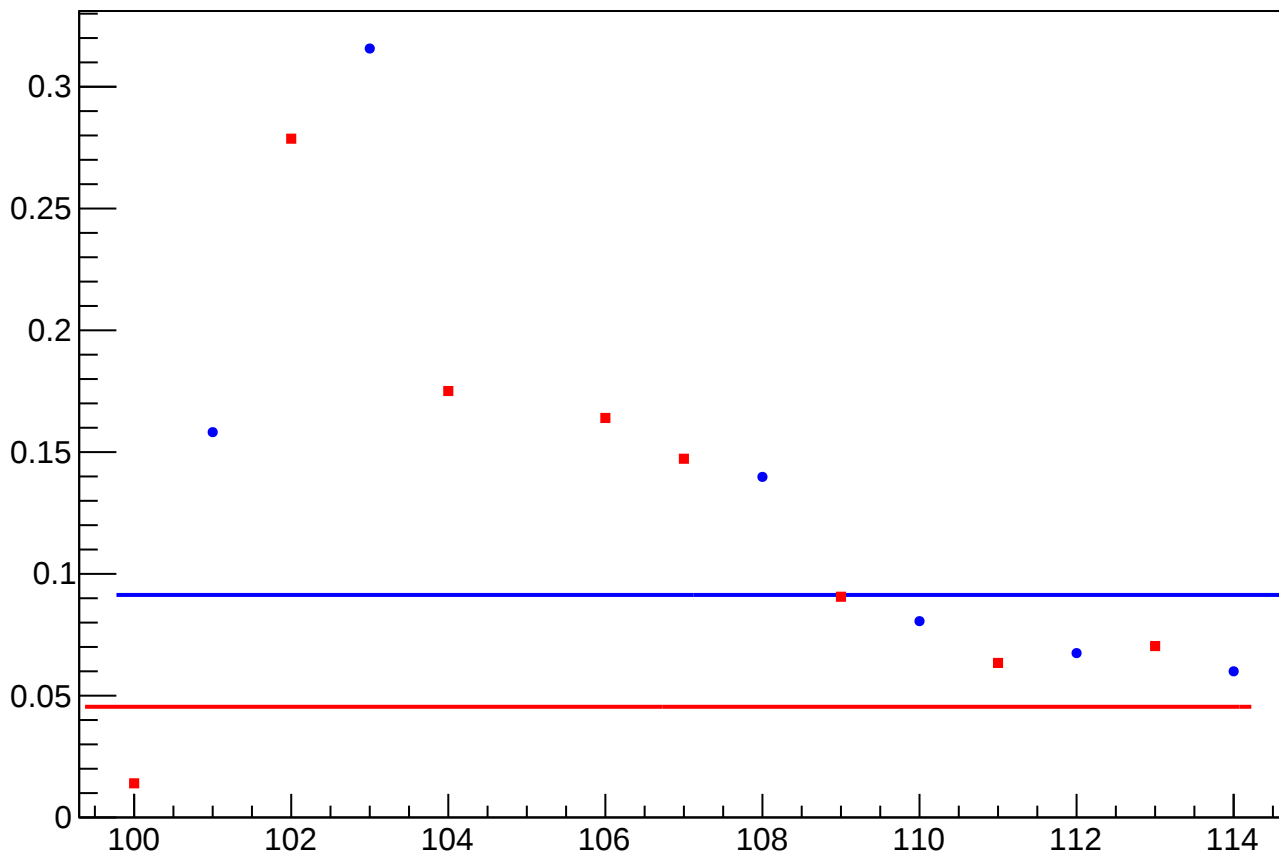
Right: 19.281+/-0.000 χ^2/NDF : 208288637348.4/13

In: 33.569+/-0.000 χ^2/NDF : 73321167.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.281+/-0.000 χ^2/NDF : 208288637348.4/13

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.091+/-0.000 χ^2/NDF : 967059.7/5

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

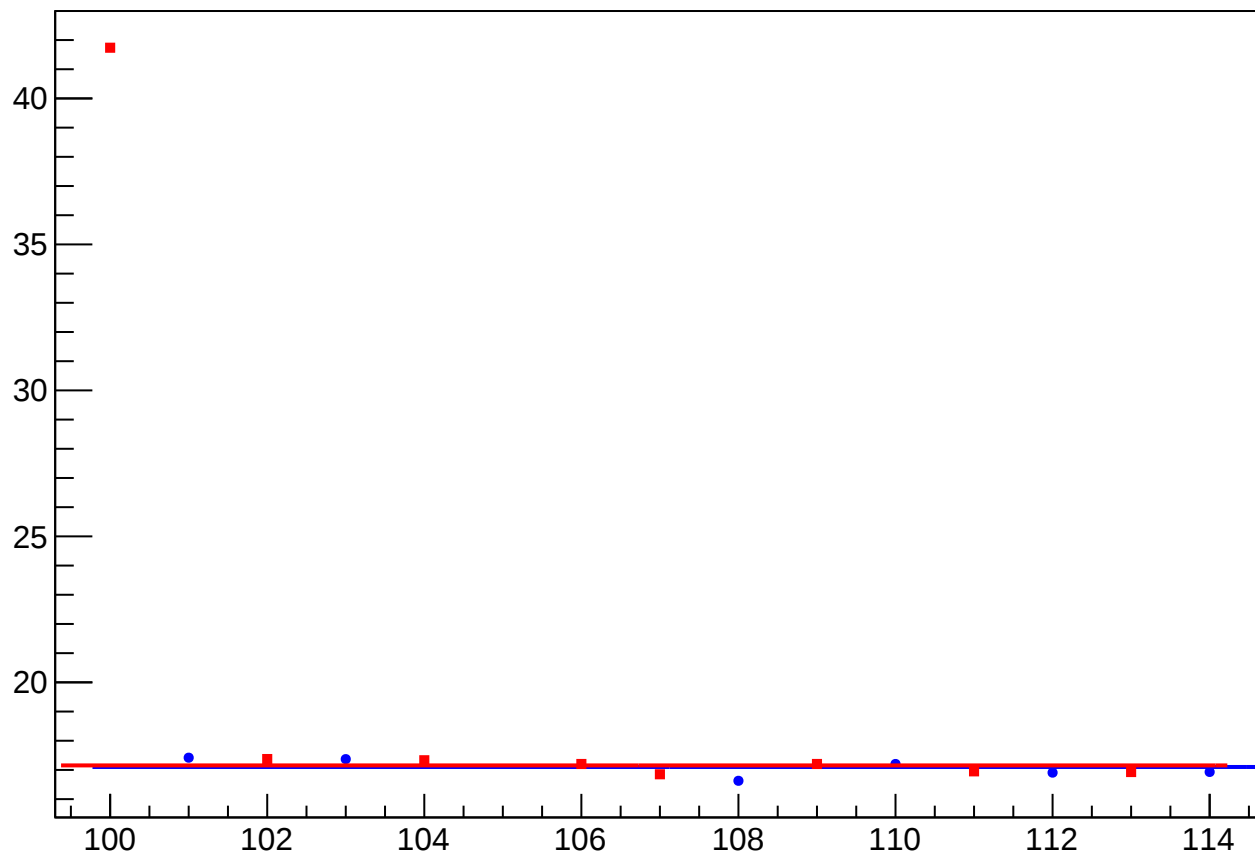
Right: 0.057+/-0.000 χ^2/NDF : 4258853.6/13

In: 0.091+/-0.000 χ^2/NDF : 967059.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.057+/-0.000 χ^2/NDF : 4258853.6/13

yield_sam4_mean vs Slug, Sign Corrected



Right In: 17.101+/-0.000 χ^2/NDF : 16838059.2/5

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

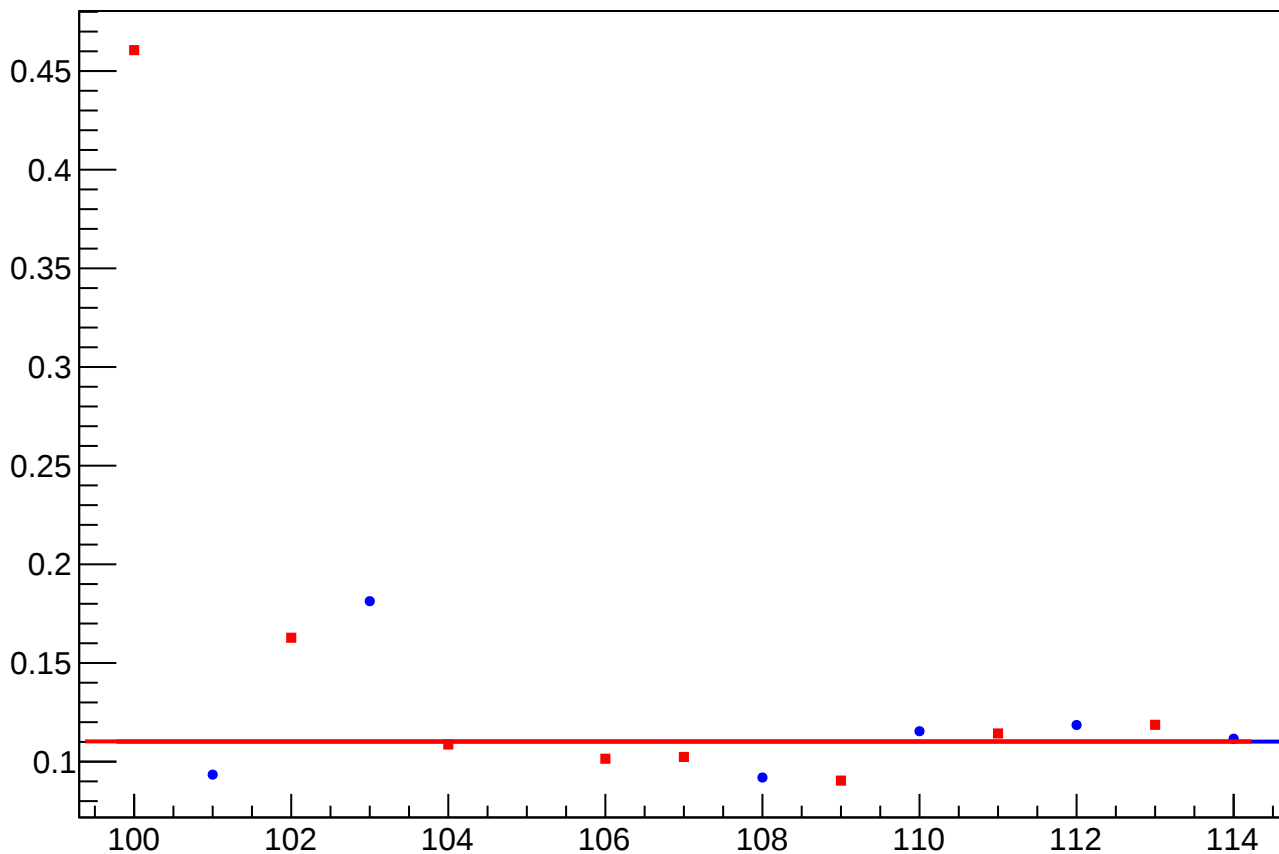
Right: 17.131+/-0.000 χ^2/NDF : 222025320.2/13

In: 17.101+/-0.000 χ^2/NDF : 16838059.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.131+/-0.000 χ^2/NDF : 222025320.2/13

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.110+/-0.000 χ^2/NDF : 234411.8/5

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

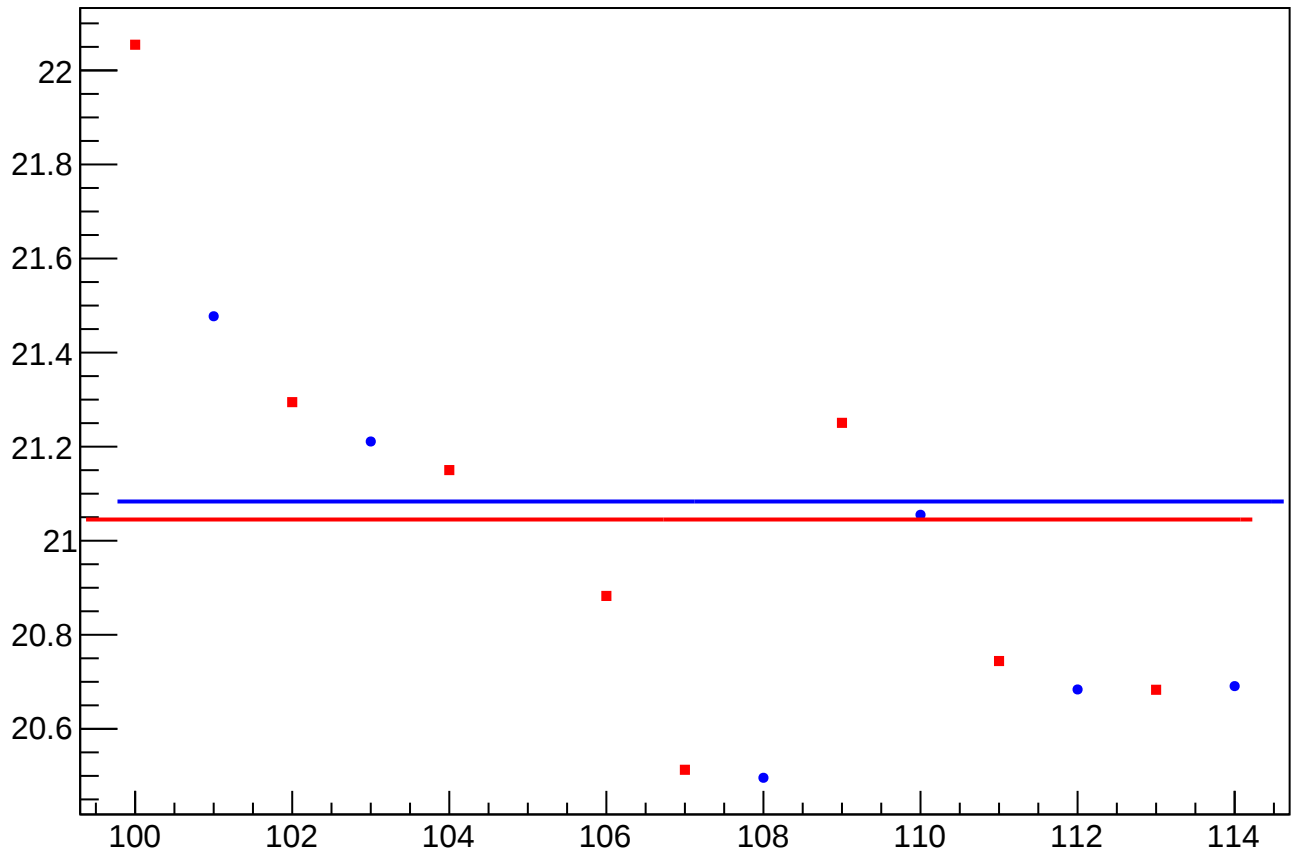
Right: 0.110+/-0.000 χ^2/NDF : 472287.8/13

In: 0.110+/-0.000 χ^2/NDF : 234411.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.110+/-0.000 χ^2/NDF : 472287.8/13

yield_sam5_mean vs Slug, Sign Corrected



Right In: 21.083+/-0.000 χ^2/NDF : 482042415.0/5

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

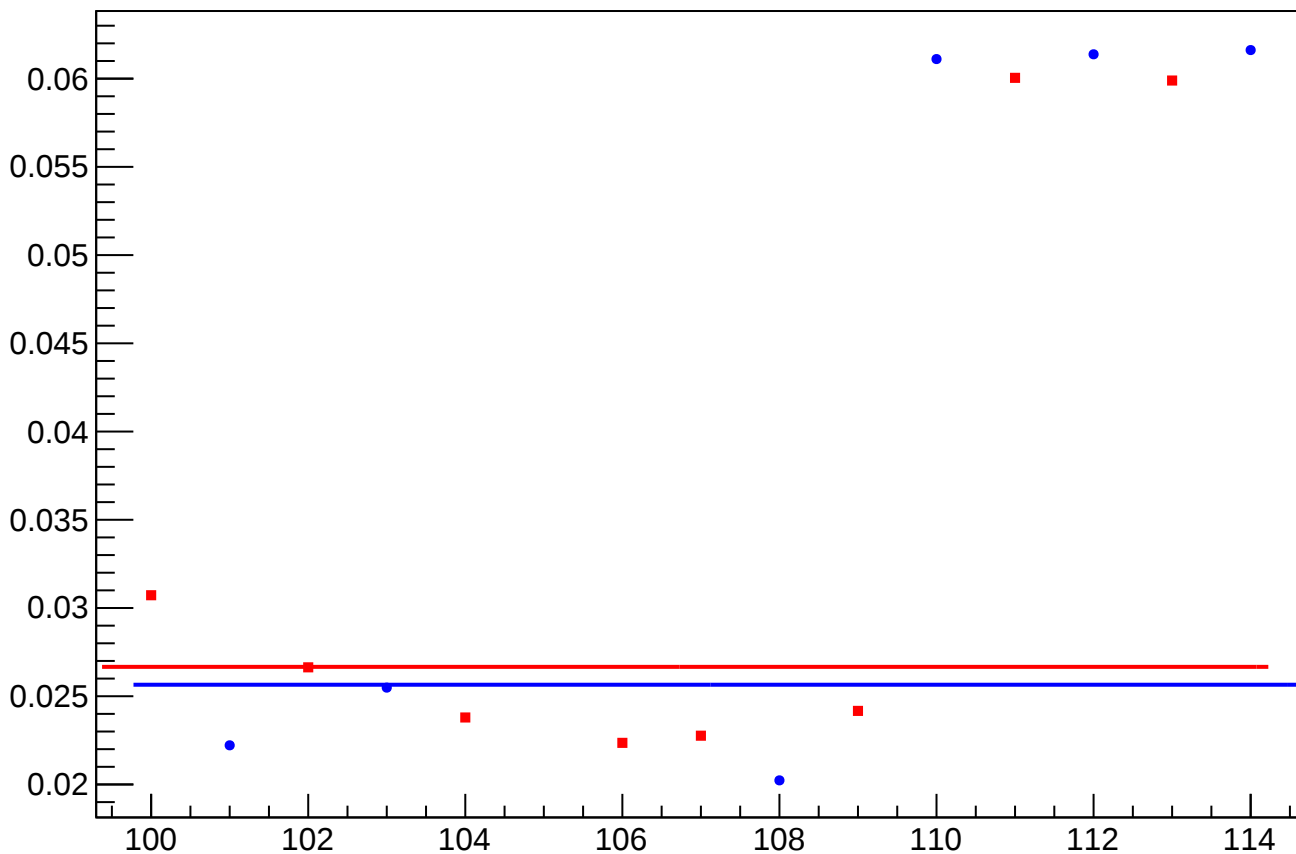
Right: 21.063+/-0.000 χ^2/NDF : 842587235.1/13

In: 21.083+/-0.000 χ^2/NDF : 482042415.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.063+/-0.000 χ^2/NDF : 842587235.1/13

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.026+/-0.000 χ^2/NDF : 657704.8/5

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

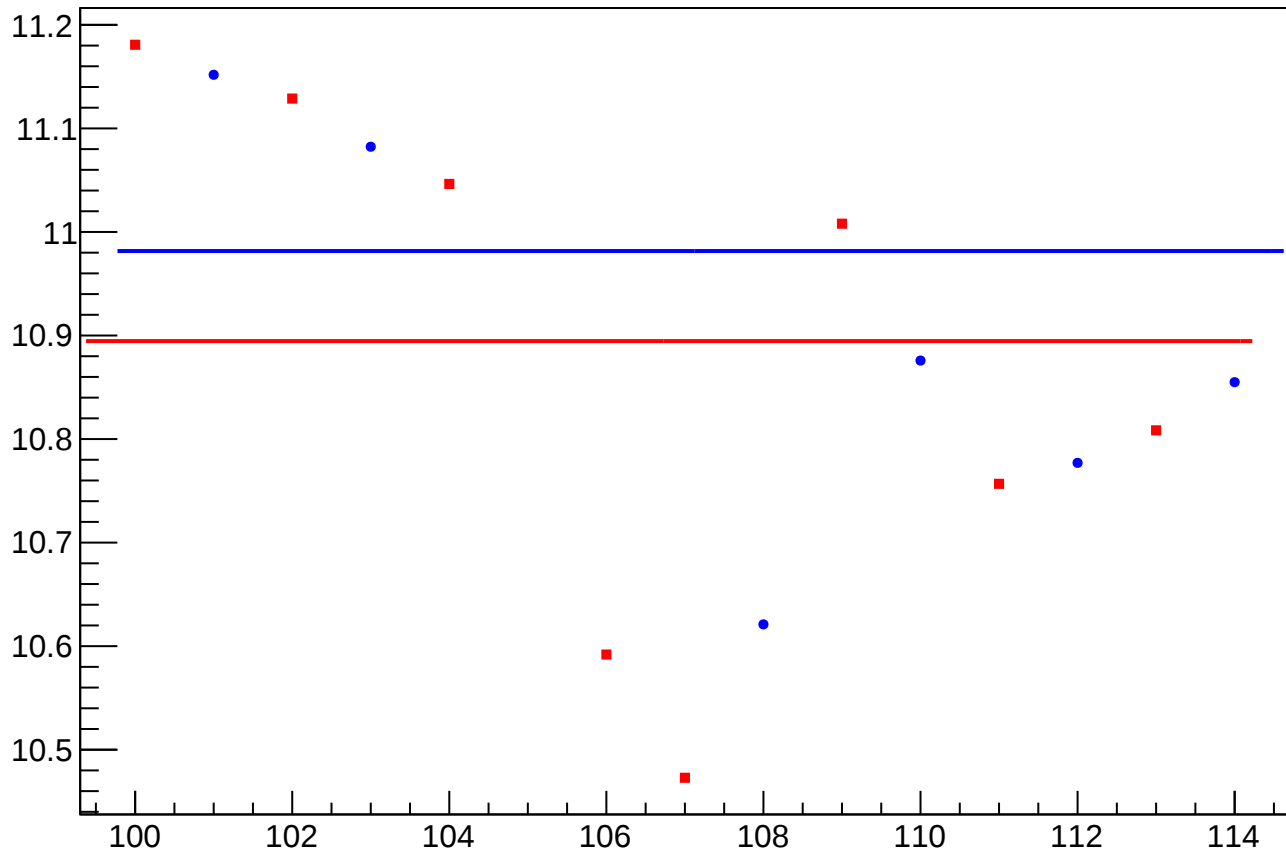
Right: 0.026+/-0.000 χ^2/NDF : 1230998.0/13

In: 0.026+/-0.000 χ^2/NDF : 657704.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.026+/-0.000 χ^2/NDF : 1230998.0/13

yield_sam6_mean vs Slug, Sign Corrected



Right In: 10.982+/-0.000 χ^2/NDF : 710212089.6/5

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

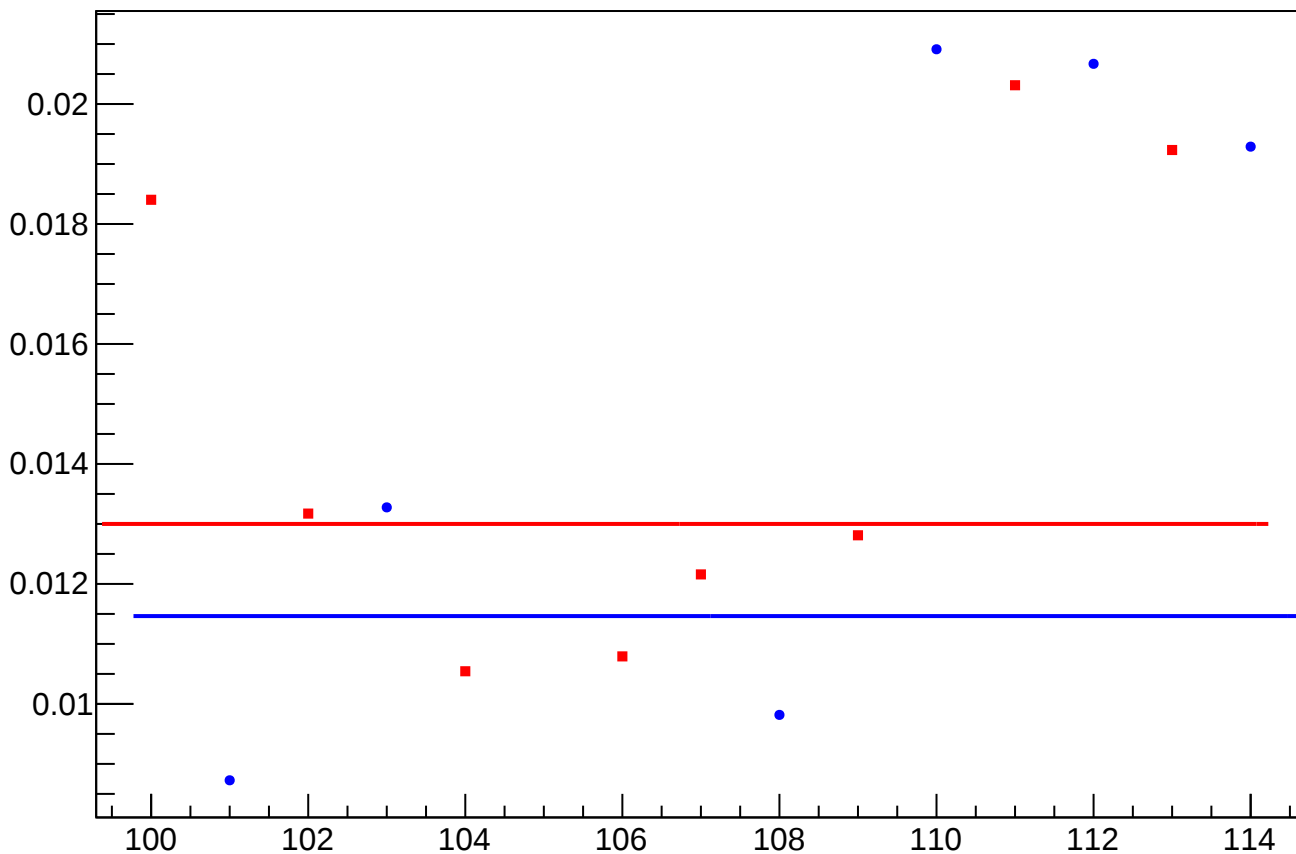
Right: 10.938+/-0.000 χ^2/NDF : 1628309363.2/13

In: 10.982+/-0.000 χ^2/NDF : 710212089.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.938+/-0.000 χ^2/NDF : 1628309363.2/13

yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 482462.4/5

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

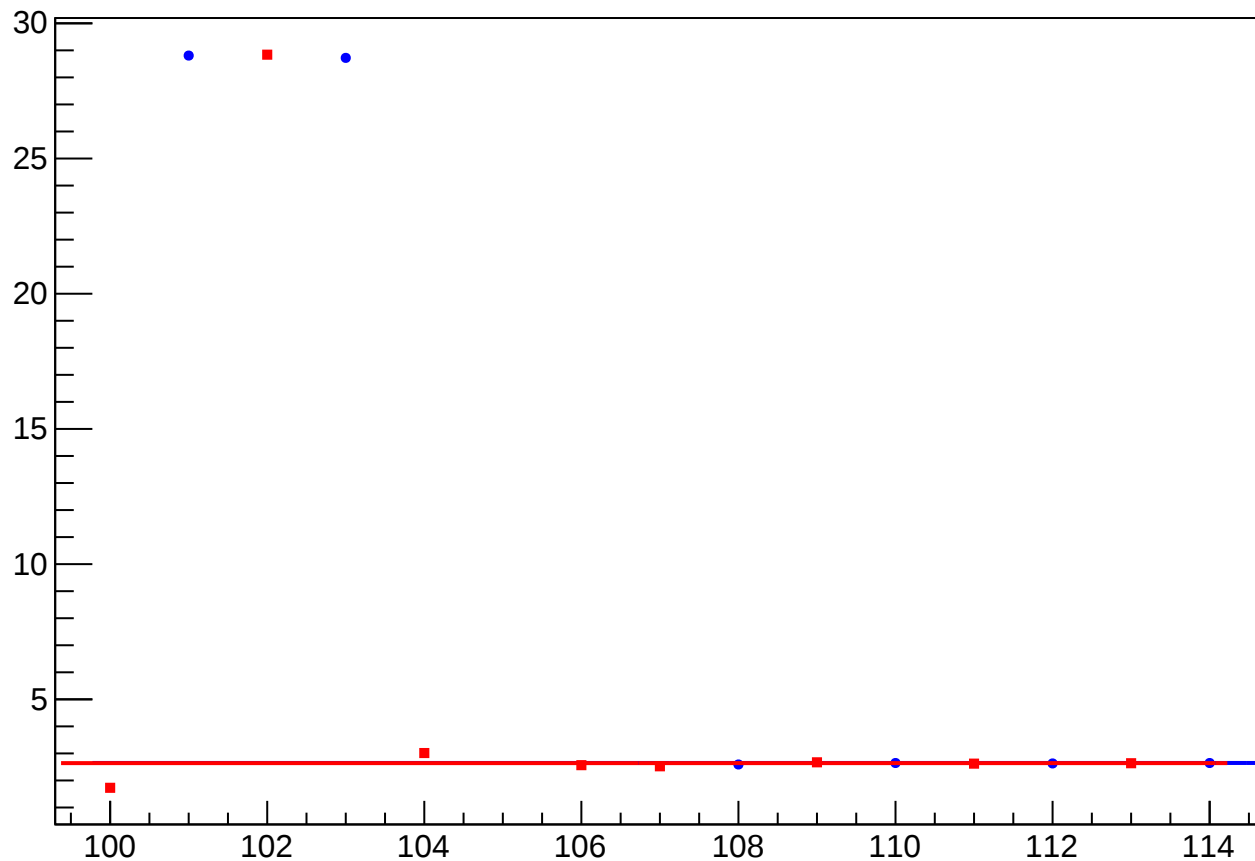
Right: 0.012+/-0.000 χ^2/NDF : 797267.6/13

In: 0.011+/-0.000 χ^2/NDF :482462.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 797267.6/13

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.647+/-0.000 χ^2/NDF : 159687405028.9/5

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

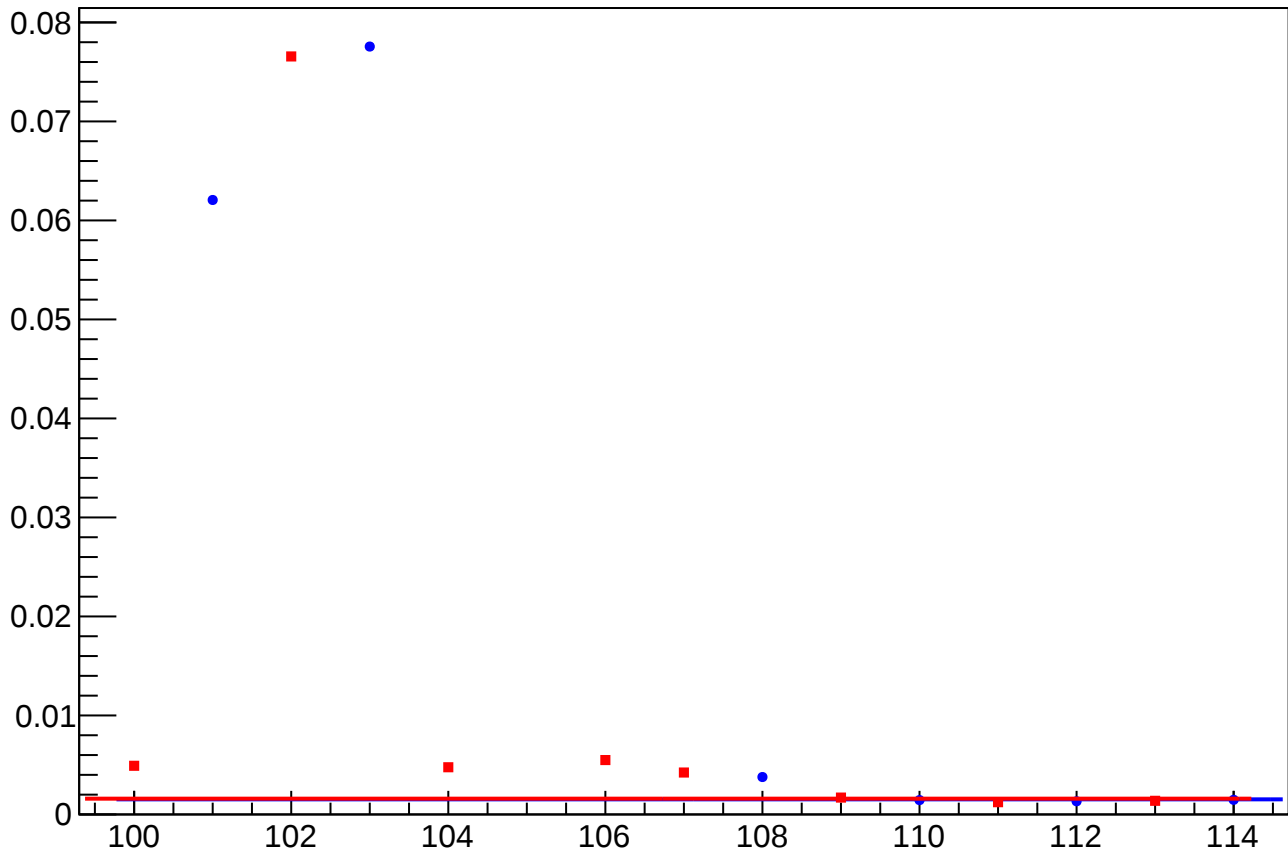
Right: 2.644+/-0.000 χ^2/NDF : 226493458365.9/13

In: 2.647+/-0.000 χ^2/NDF : 159687405028.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.644+/-0.000 χ^2/NDF : 226493458365.9

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2347850.3/5

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

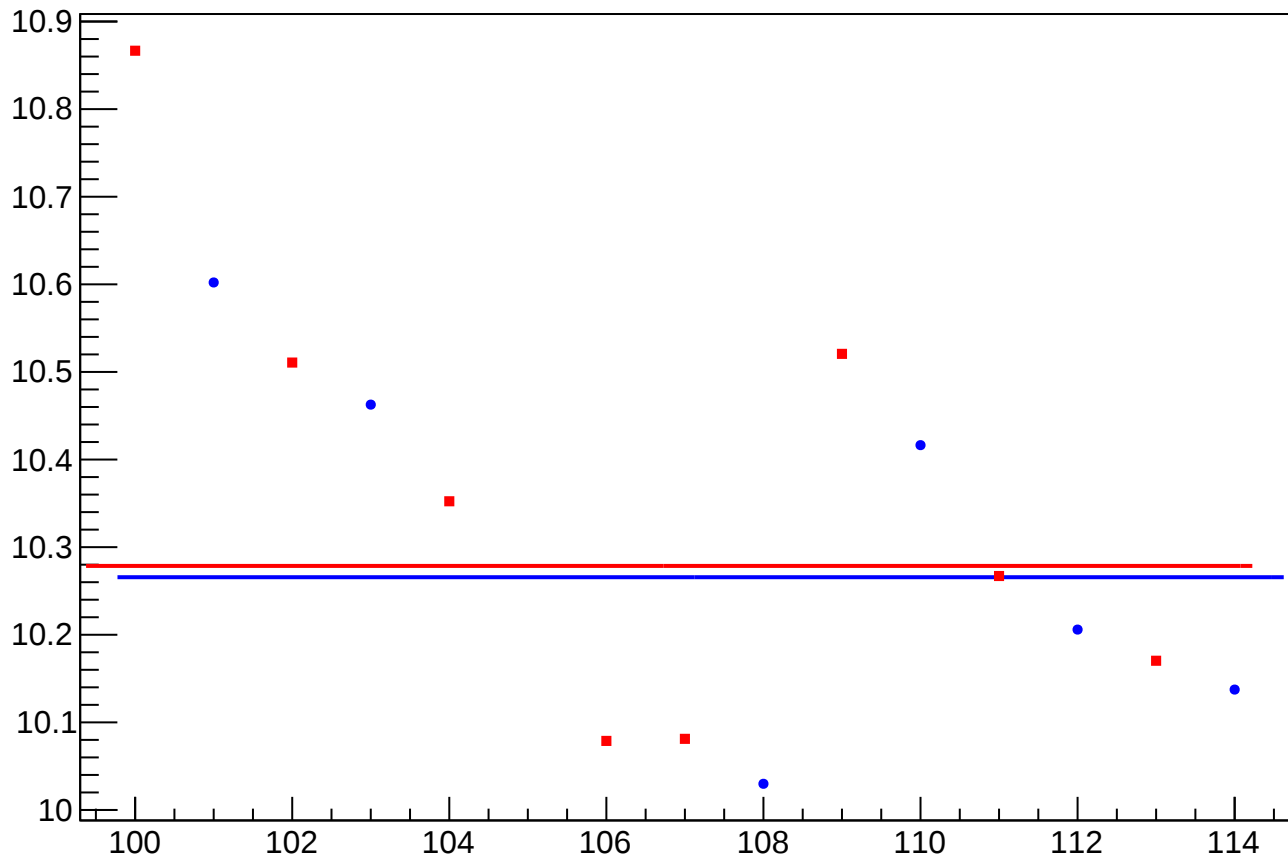
Right: 0.002+/-0.000 χ^2/NDF : 4230110.9/13

In: 0.002+/-0.000 χ^2/NDF : 2347850.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4230110.9/13

yield_sam8_mean vs Slug, Sign Corrected



Right In: 10.266+/-0.000 χ^2/NDF : 1728779432.1/5

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

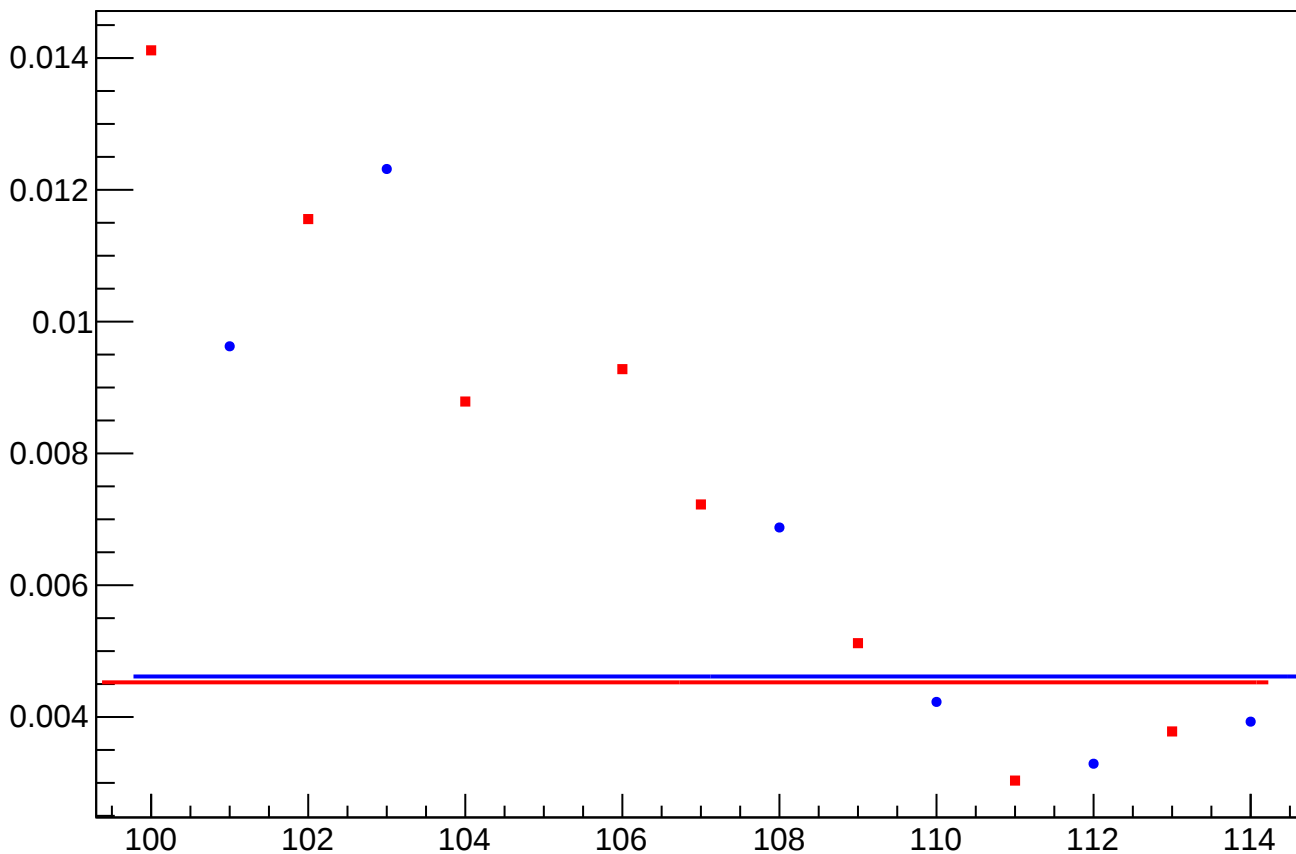
Right: 10.273+/-0.000 χ^2/NDF : 3703521035.5/13

In: 10.266+/-0.000 χ^2/NDF : 1728779432.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.273+/-0.000 χ^2/NDF : 3703521035.5/13

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 915674.4/5

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 : 2000270.4/13

In: 0.005+/-0.000 χ^2/NDF :915674.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2000270.4/13

cor_sam1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

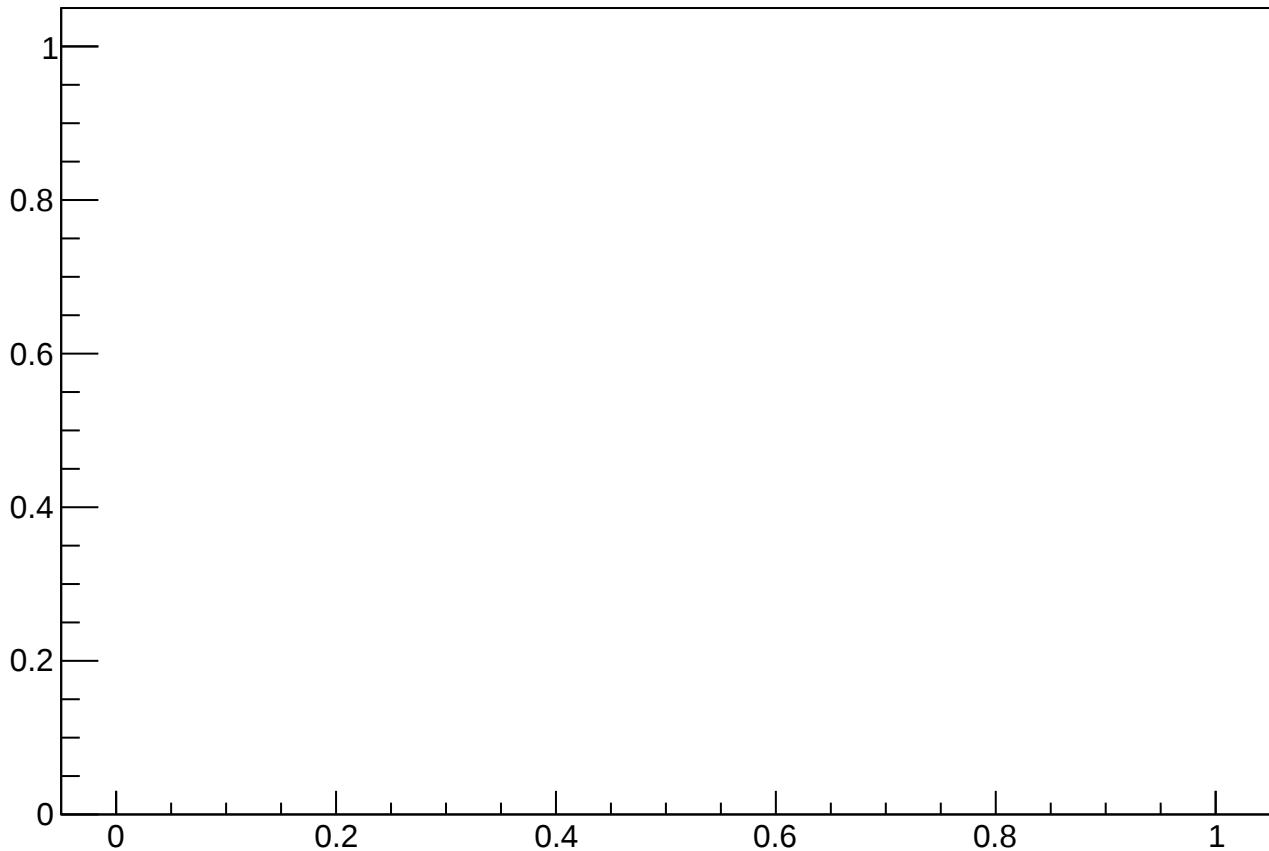
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam1_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

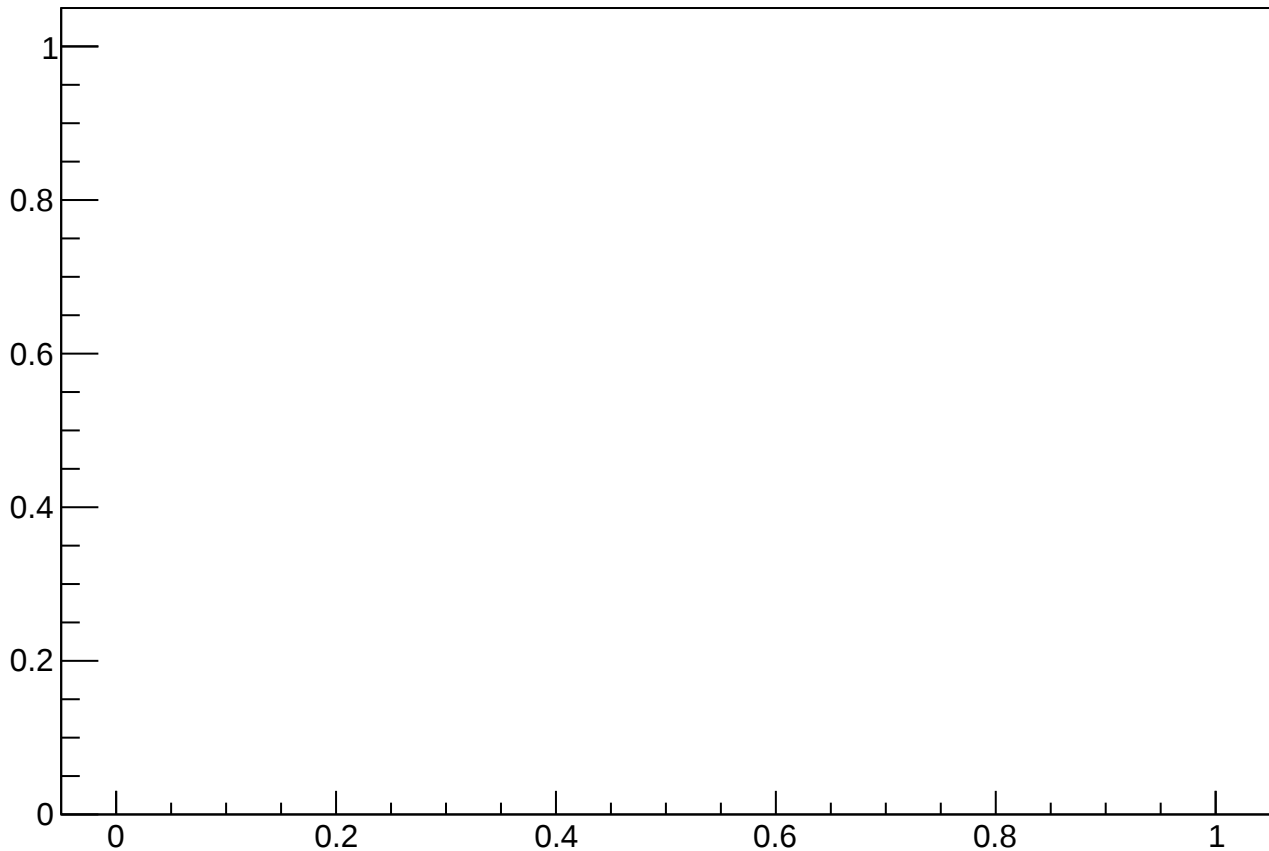
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam2_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam2_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam3_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam4_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam4_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam5_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

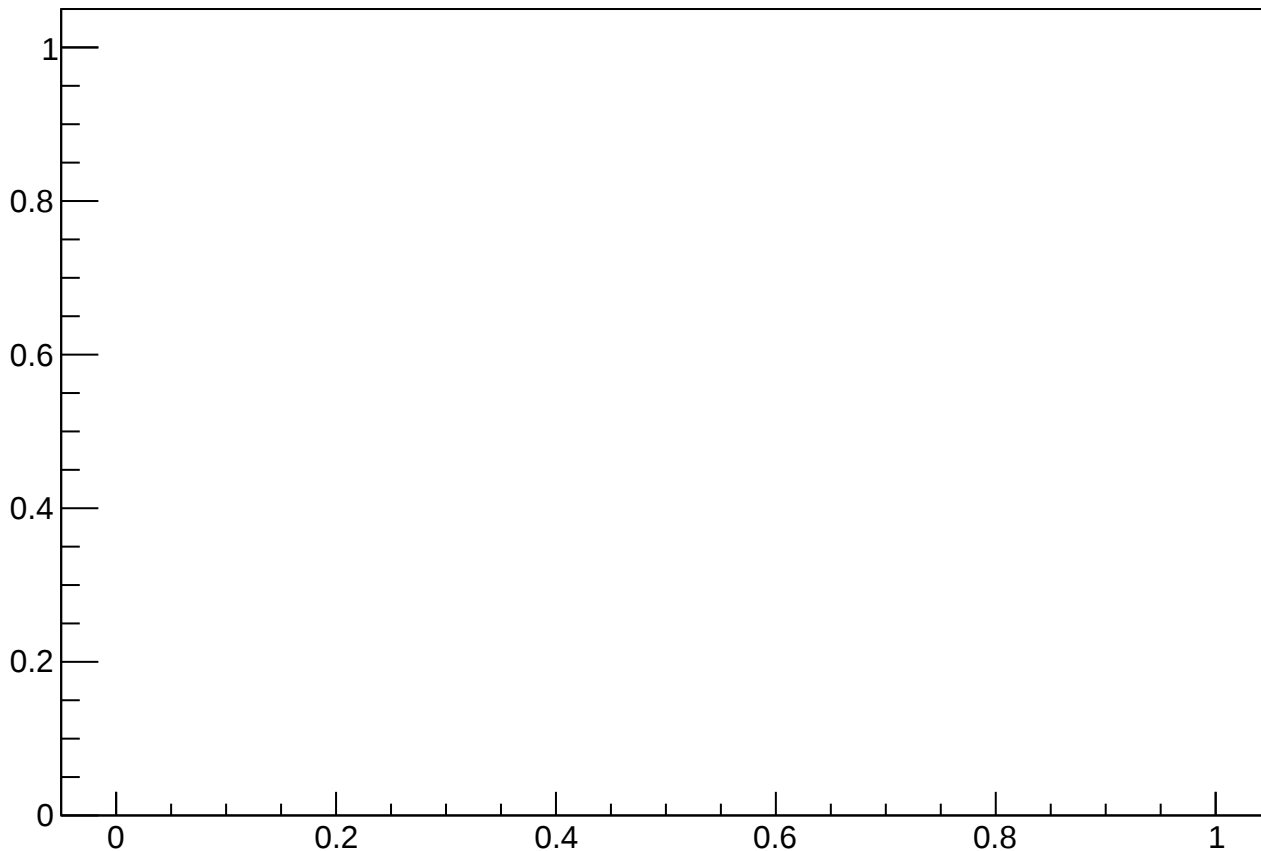
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam5_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam6_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam6_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

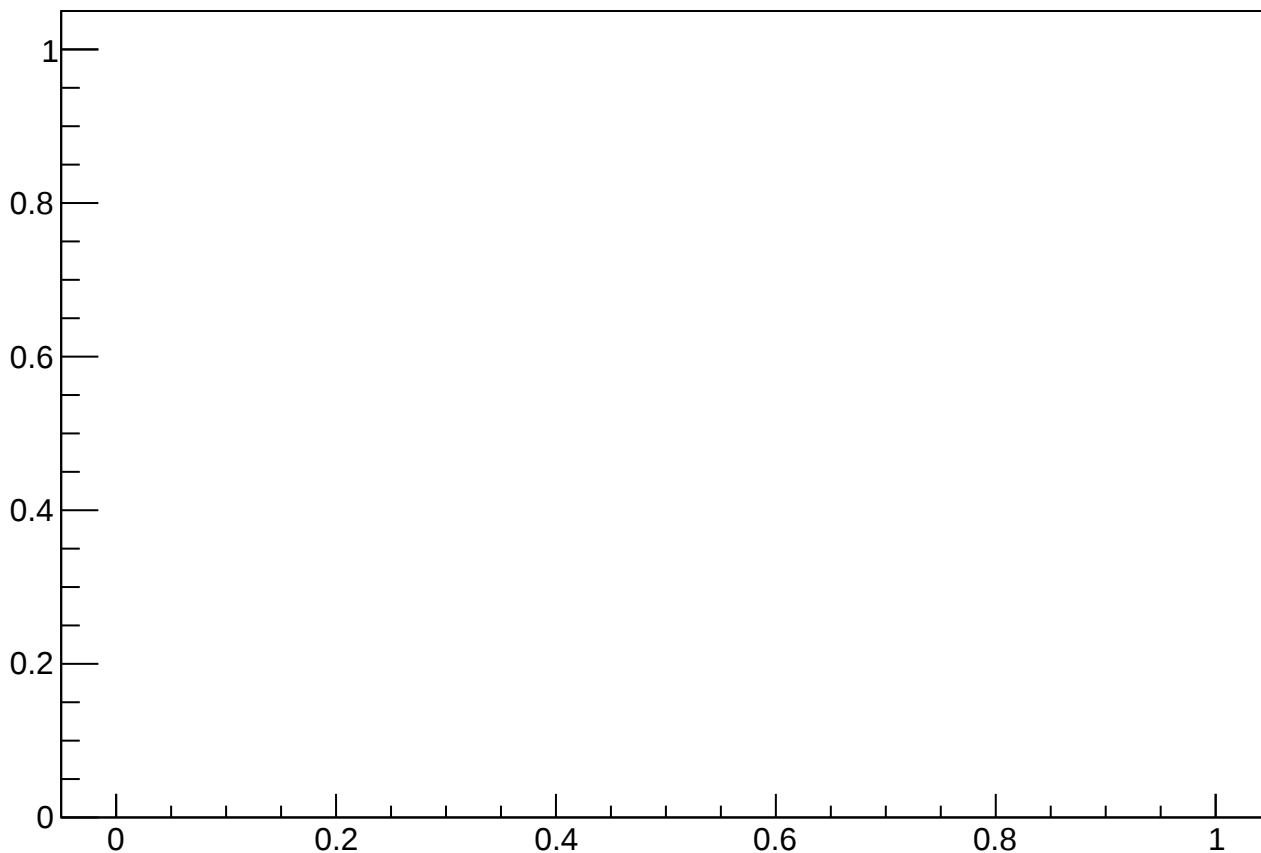
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam7_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam8_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

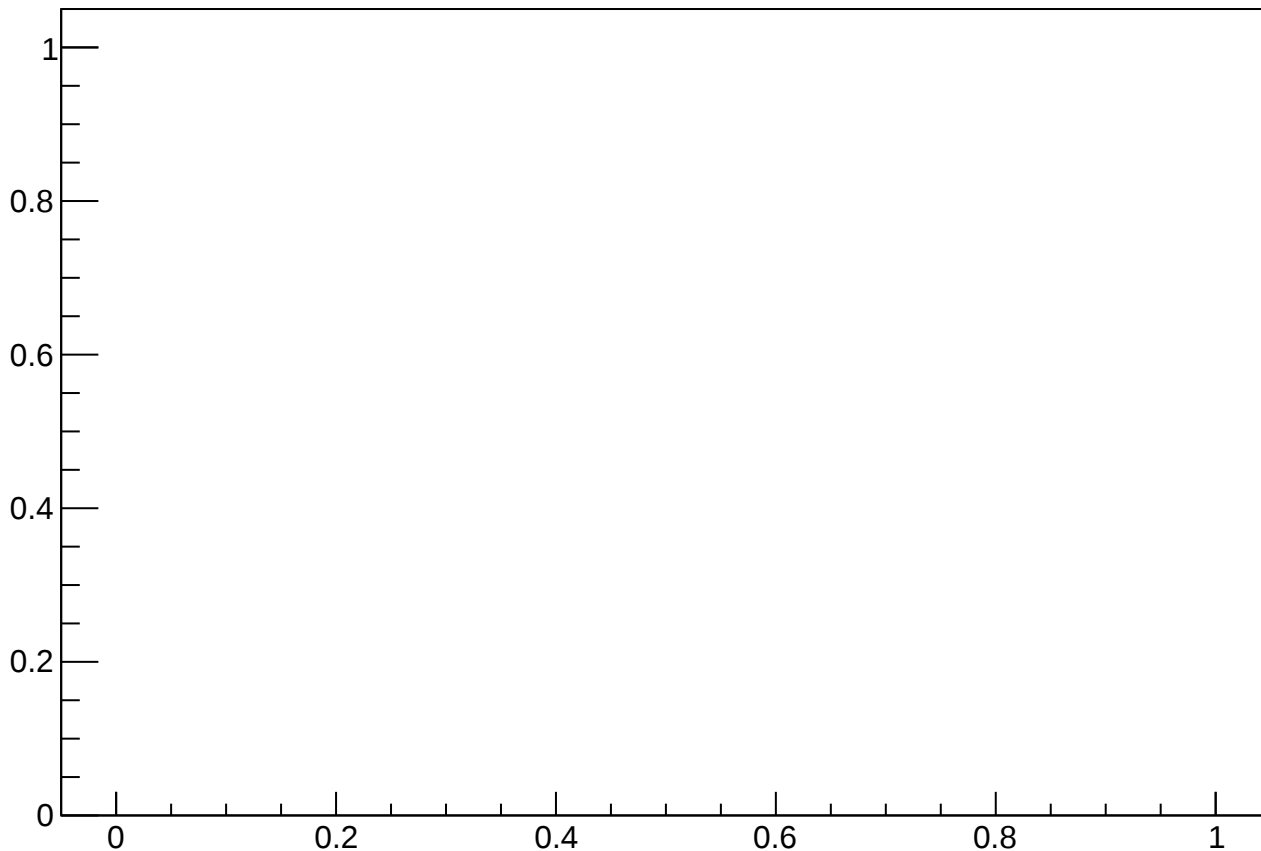
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam8_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

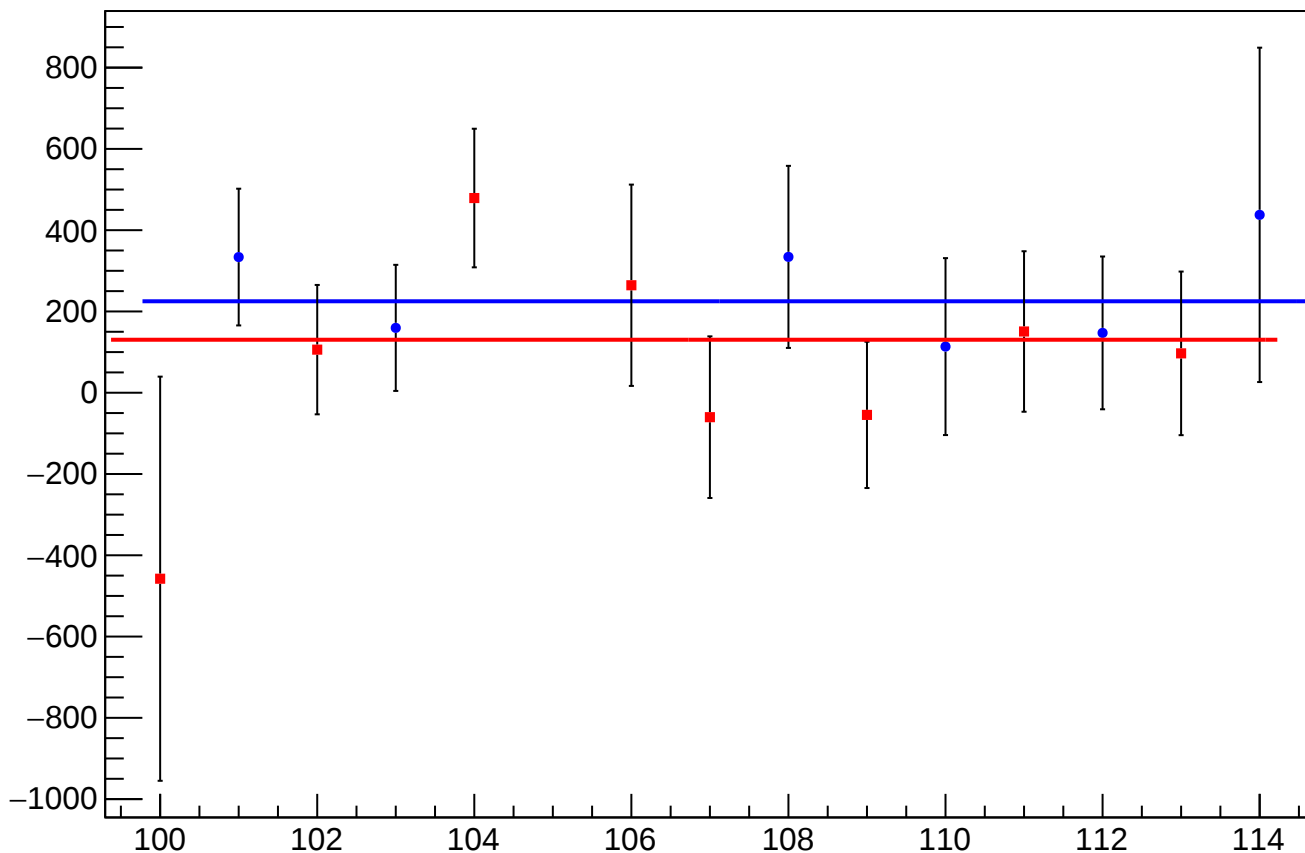
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_mean vs Slug, Sign Corrected



Right In: 225.055+/-81.079 χ^2/NDF : 1.5/5

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

Right Out: 130.397+/-70.591 χ^2/NDF : 7.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

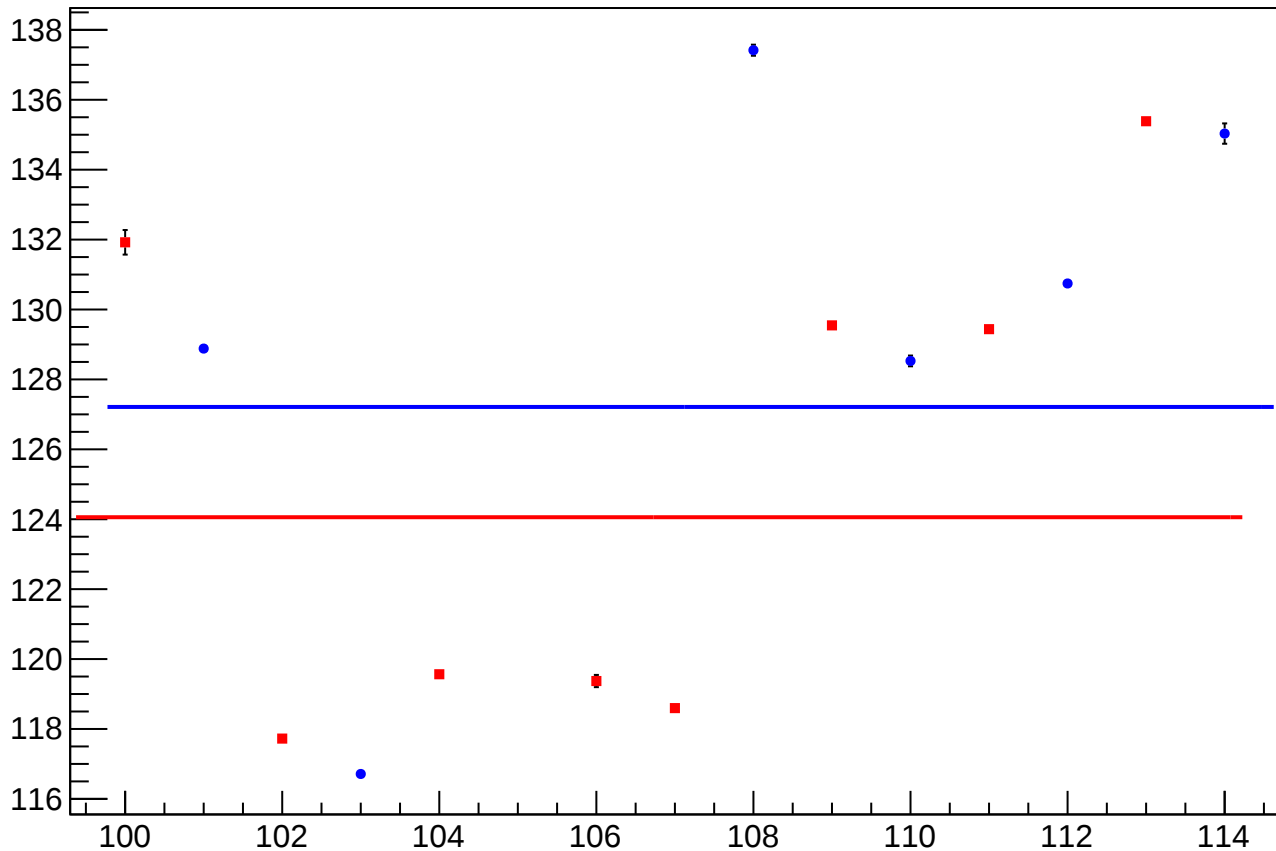
Right: 171.211+/-53.240 χ^2/NDF : 10.2/13

In: 225.055+/-81.079 χ^2/NDF : 1.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.211+/-53.240 χ^2/NDF : 10.2/13

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 127.213 $\pm$ 0.057 χ^2 /NDF: 15011.3/5

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

Right Out: 124.058 $\pm$ 0.050 χ^2 /NDF: 16956.3/7

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

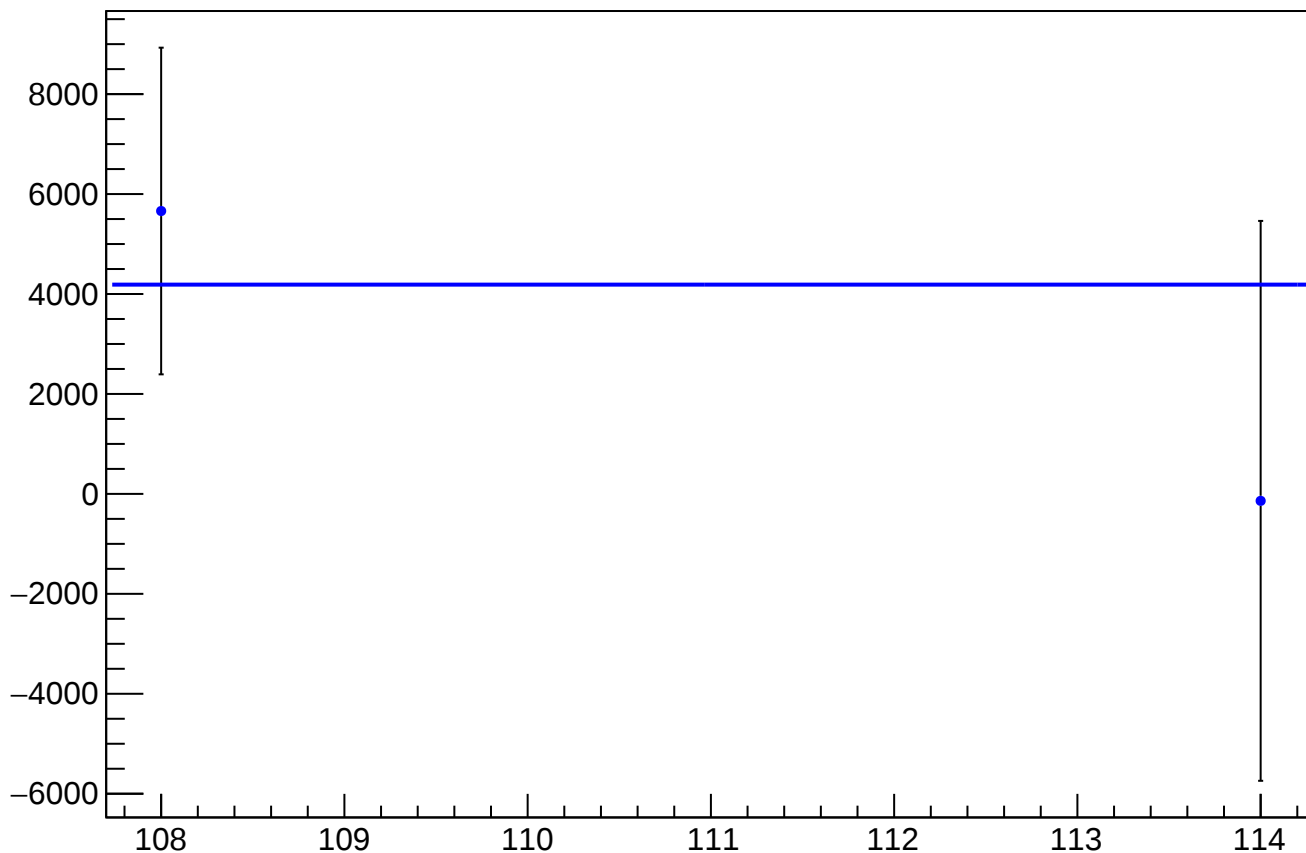
Right: 125.418 $\pm$ 0.038 χ^2 /NDF: 33690.1/13

In: 127.213 $\pm$ 0.057 χ^2 /NDF:15011.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 125.418 $\pm$ 0.038 χ^2 /NDF: 33690.1/13

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: 4187.603+/-2823.156 χ^2/NDF : 0.8/1

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

Right Out: 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

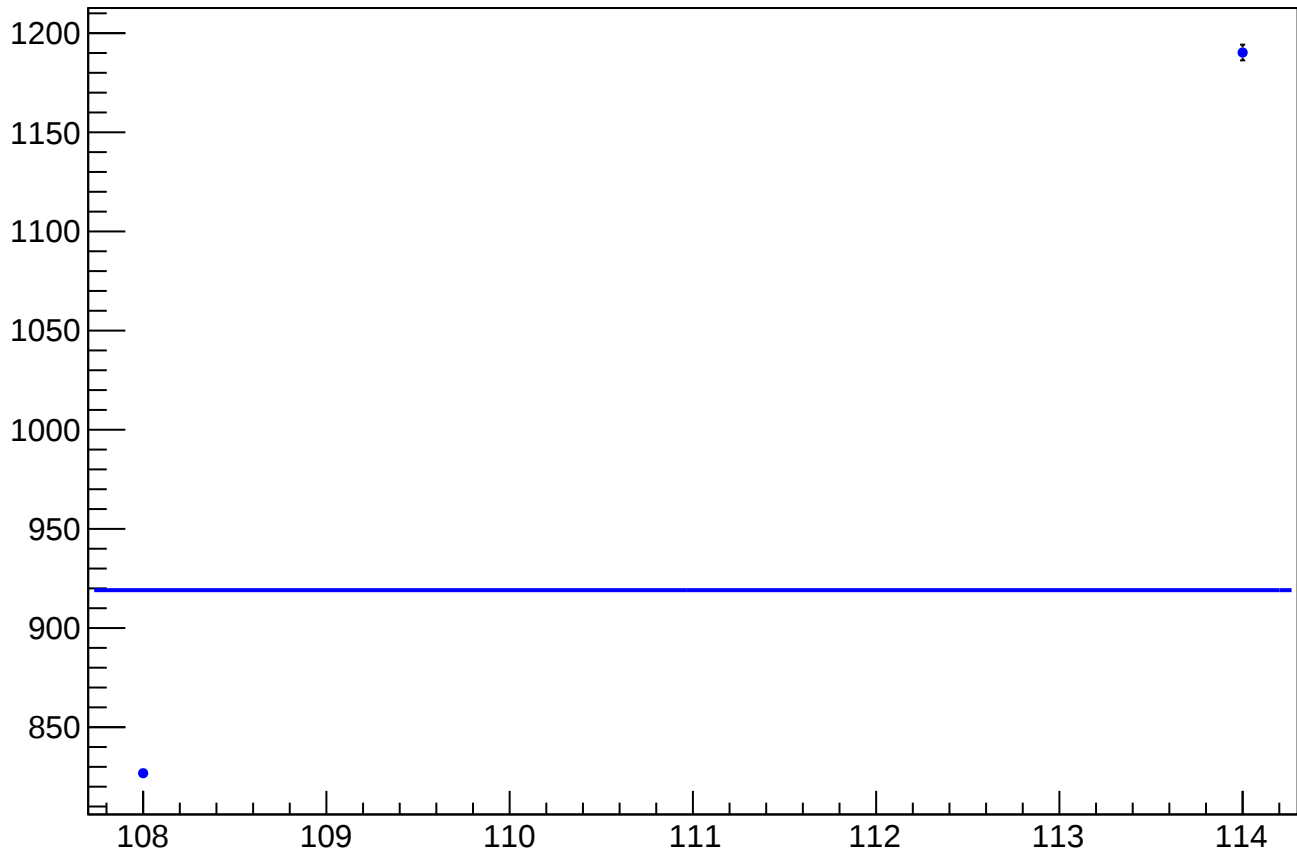
Right: 4187.603+/-2823.156 χ^2/NDF : 0.8/1

In: 4187.603+/-2823.156 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4187.603+/-2823.156 χ^2/NDF : 0.8/1

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 919.097+/-1.996 χ^2/NDF : 6280.2/1

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

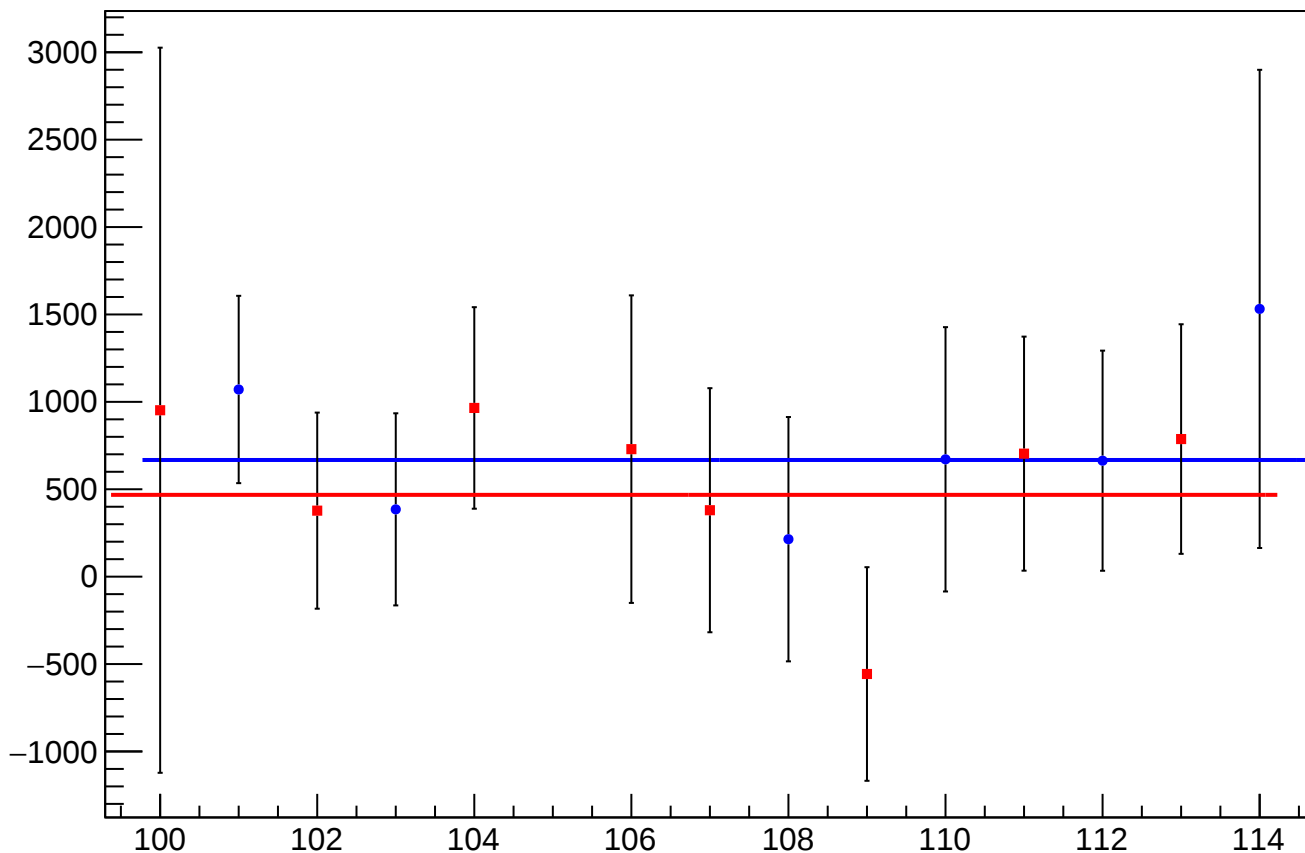
Right: 919.097+/-1.996 χ^2/NDF : 6280.2/1

In: 919.097+/-1.996 χ^2/NDF : 6280.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 919.097+/-1.996 χ^2/NDF : 6280.2/1

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 667.461+/-270.699 χ^2/NDF : 1.7/5

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

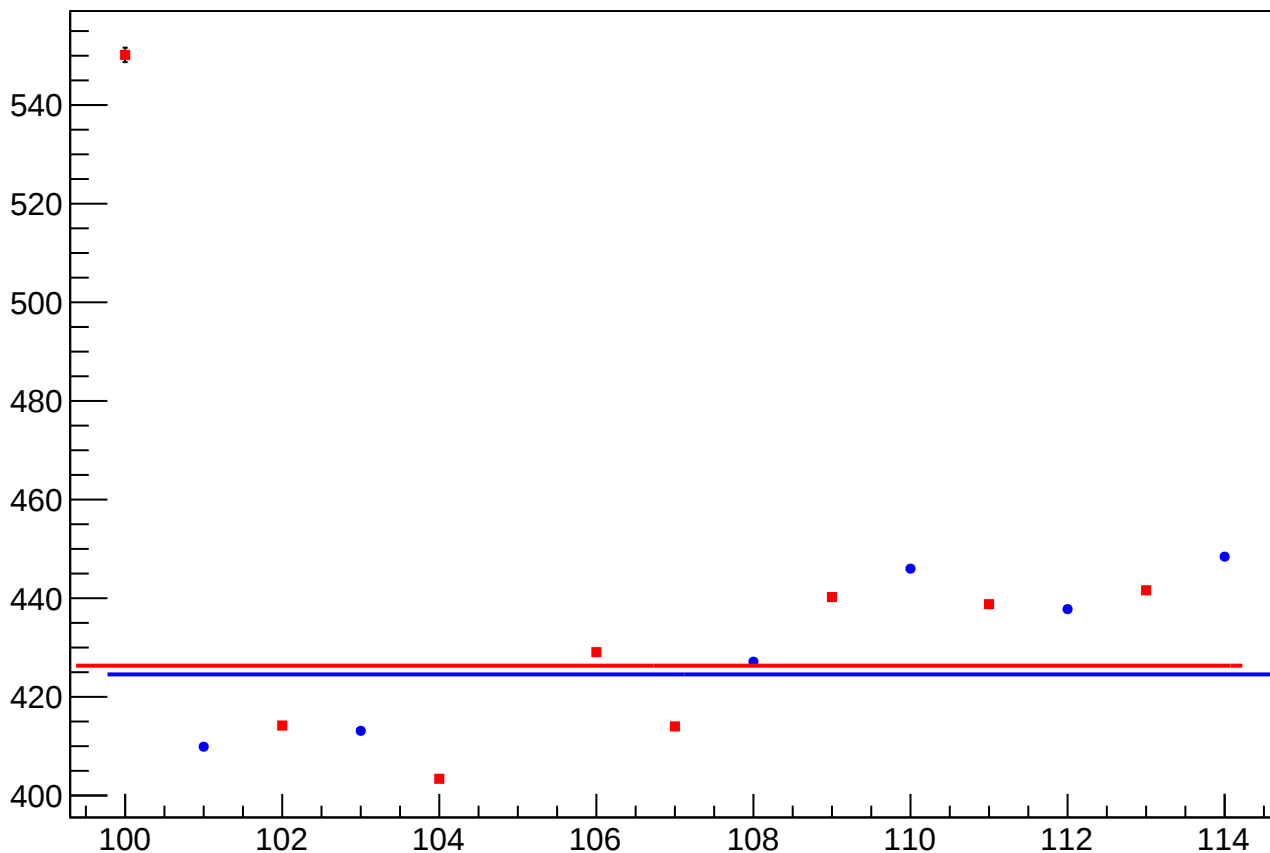
Right: 556.841+/-180.667 χ^2/NDF : 6.1/13

In: 667.461+/-270.699 χ^2/NDF : 1.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 556.841+/-180.667 χ^2/NDF : 6.1/13

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 424.551+/-0.191 χ^2/NDF : 5492.1/5

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

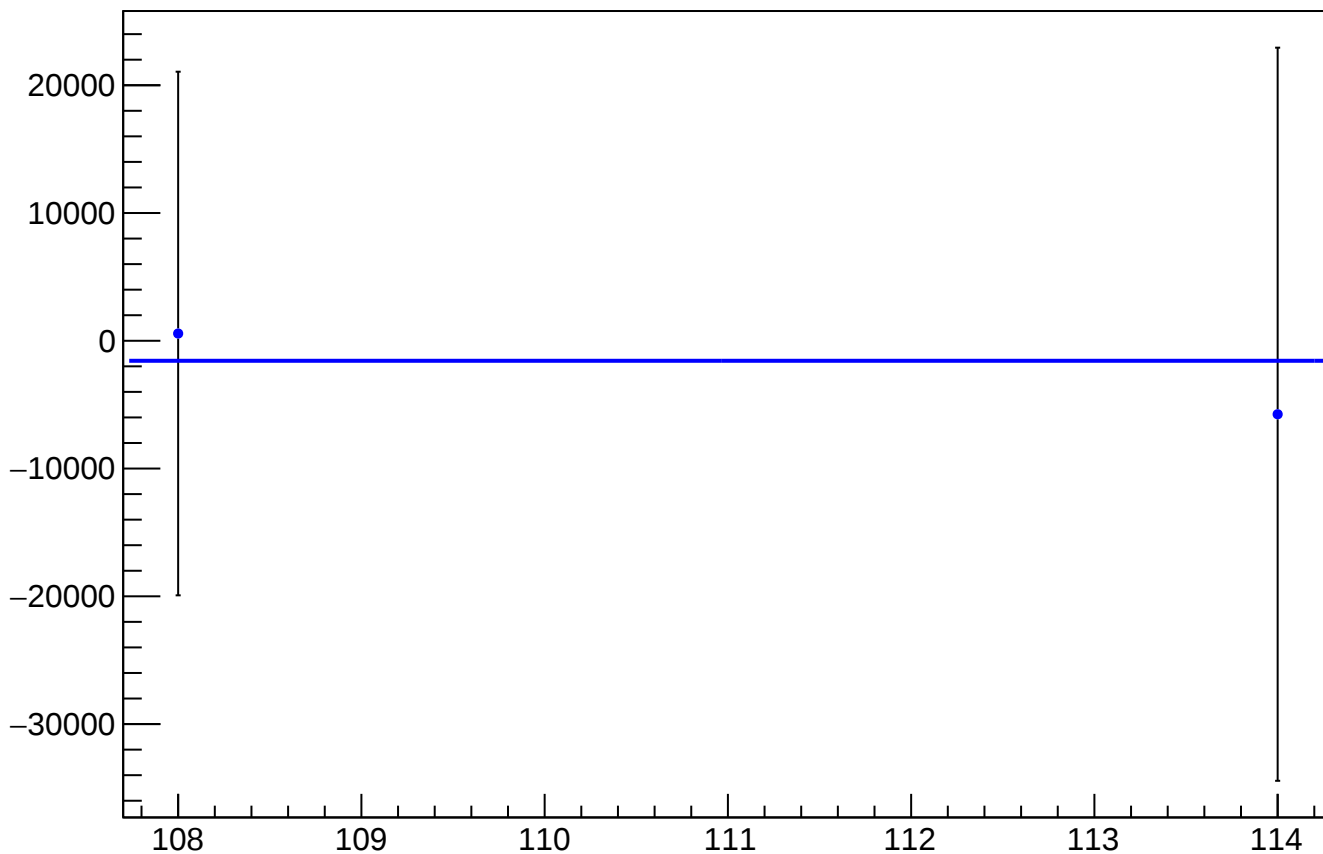
Right: 425.533+/-0.128 χ^2/NDF : 20226.7/13

In: 424.551+/-0.191 χ^2/NDF : 5492.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 425.533+/-0.128 χ^2/NDF : 20226.7/13

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -1565.882+/-16675.034 χ^2/NDF : 0.0/1

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

Right Out: 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

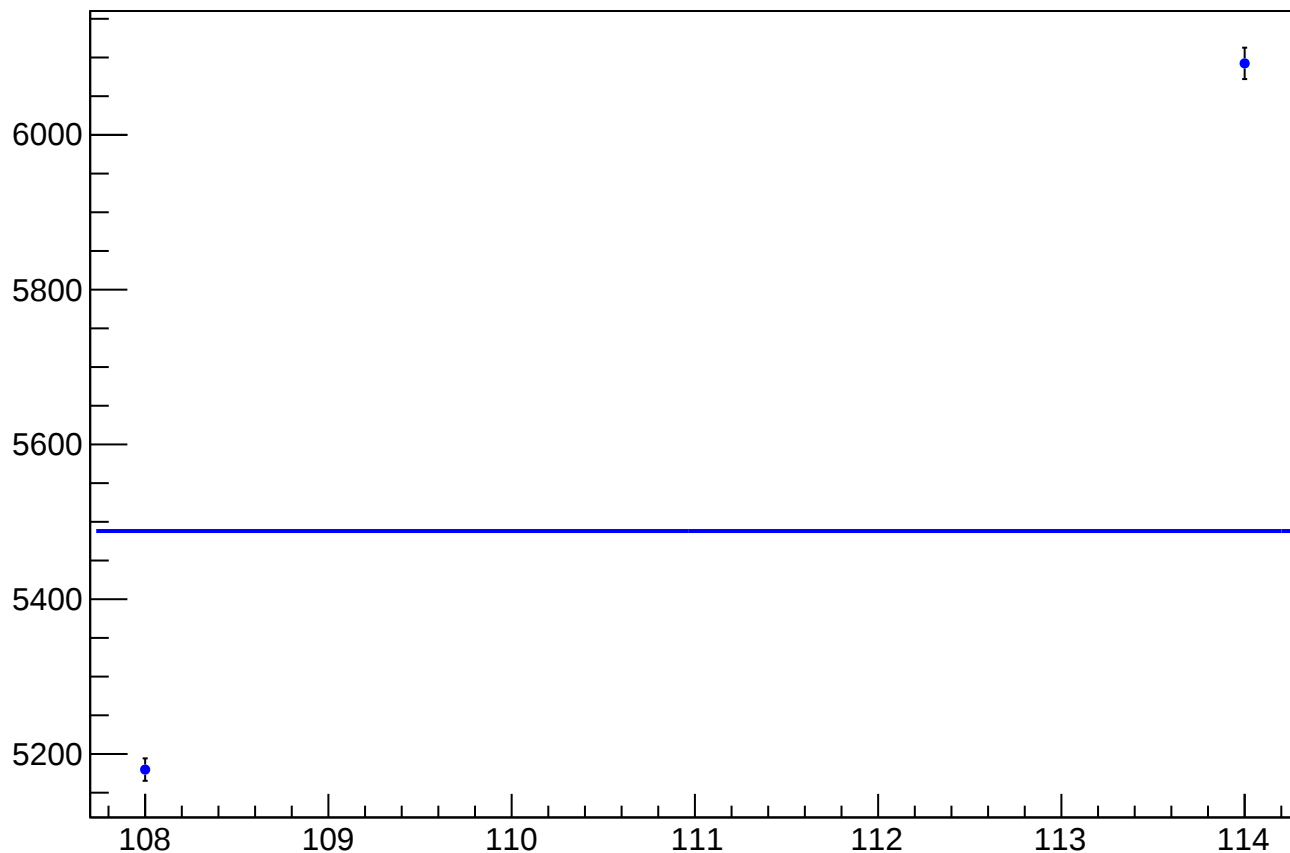
Right: -1565.882+/-16675.034 χ^2/NDF : 0.0/1

In: -1565.882+/-16675.034 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1565.882+/-16675.034 χ^2/NDF : 0.0/1

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 5488.121+/-11.791 χ^2/NDF : 1339.9/1

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

Right Out: 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

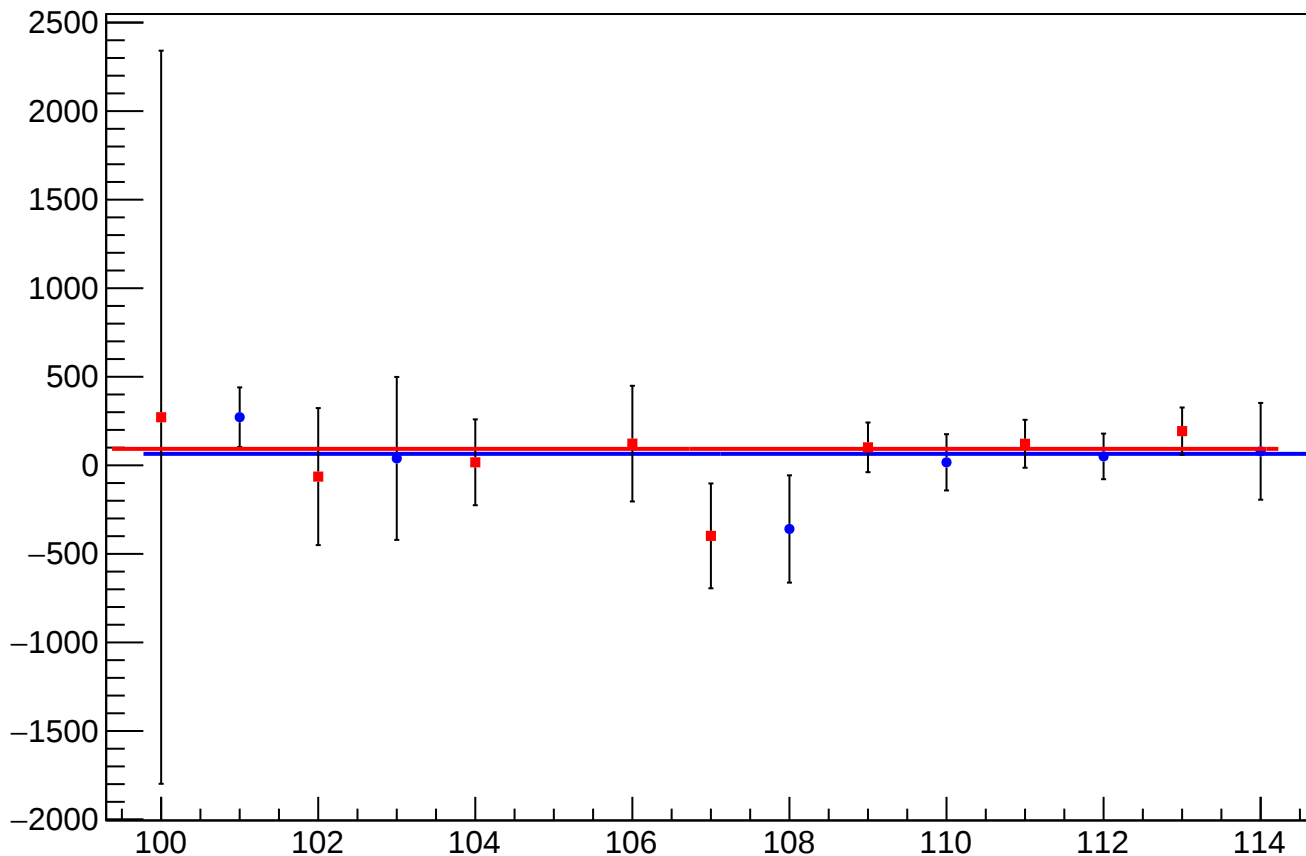
Right: 5488.121+/-11.791 χ^2/NDF : 1339.9/1

In: 5488.121+/-11.791 χ^2/NDF : 1339.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5488.121+/-11.791 χ^2/NDF : 1339.9/1

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 64.840+/-78.001 χ^2/NDF : 3.6/5

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

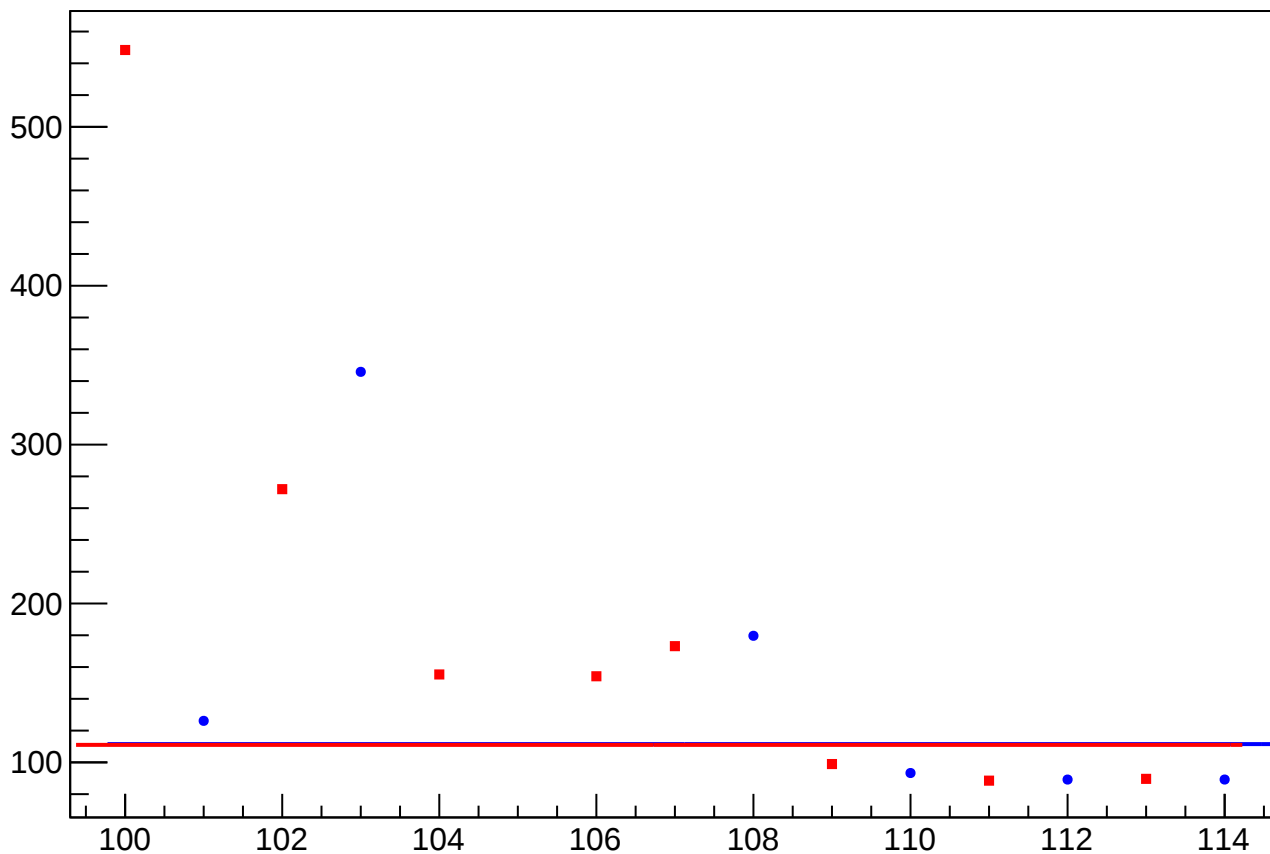
Right: 80.535+/-51.935 χ^2/NDF : 7.3/13

In: 64.840+/-78.001 χ^2/NDF : 3.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.535+/-51.935 χ^2/NDF : 7.3/13

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 111.506+/-0.055 χ^2/NDF : 735139.3/5

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

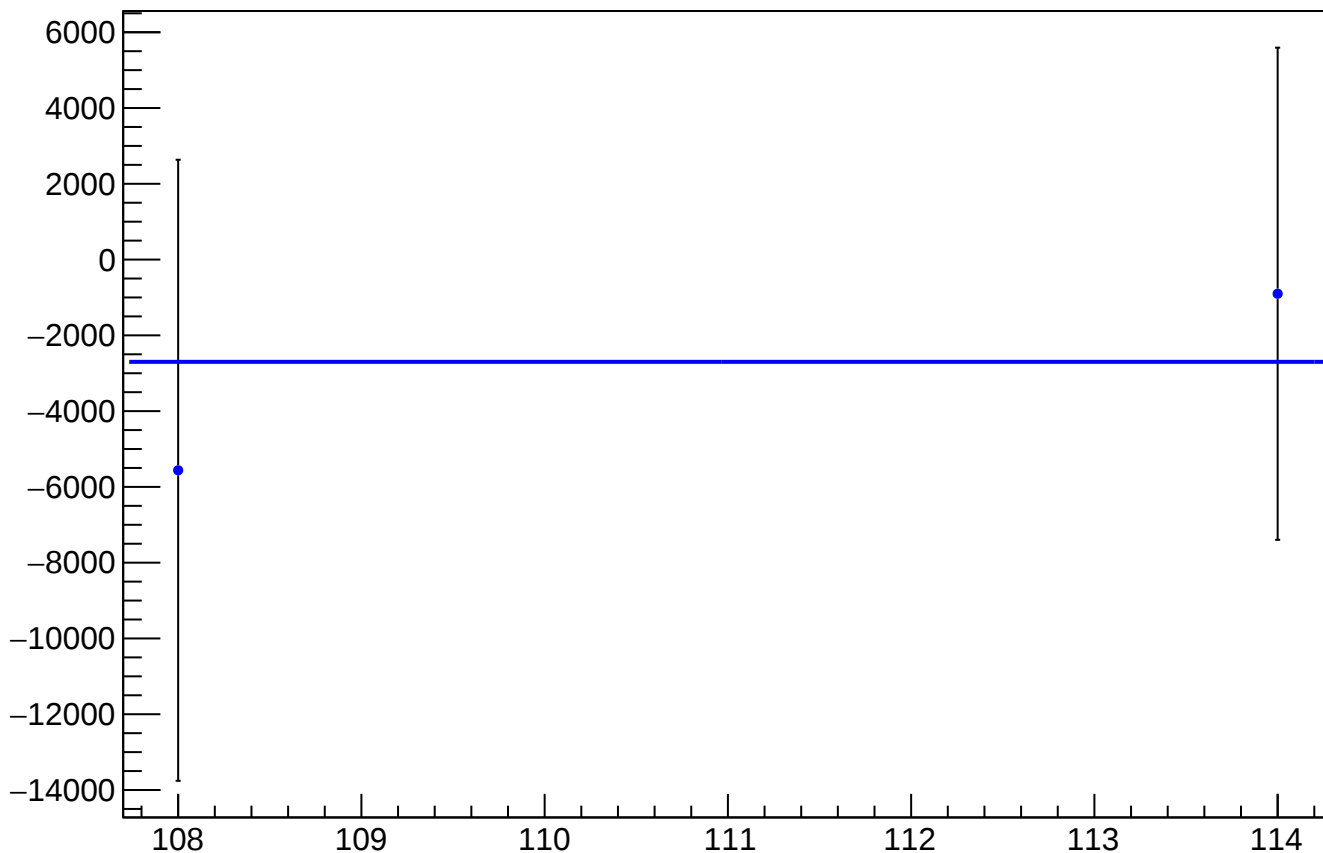
Right: 111.234+/-0.037 χ^2/NDF : 1482163.2/13

In: 111.506+/-0.055 χ^2/NDF : 735139.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.234+/-0.037 χ^2/NDF : 1482163.2/13

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -2699.064+/-5090.267 χ^2/NDF : 0.2/1

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

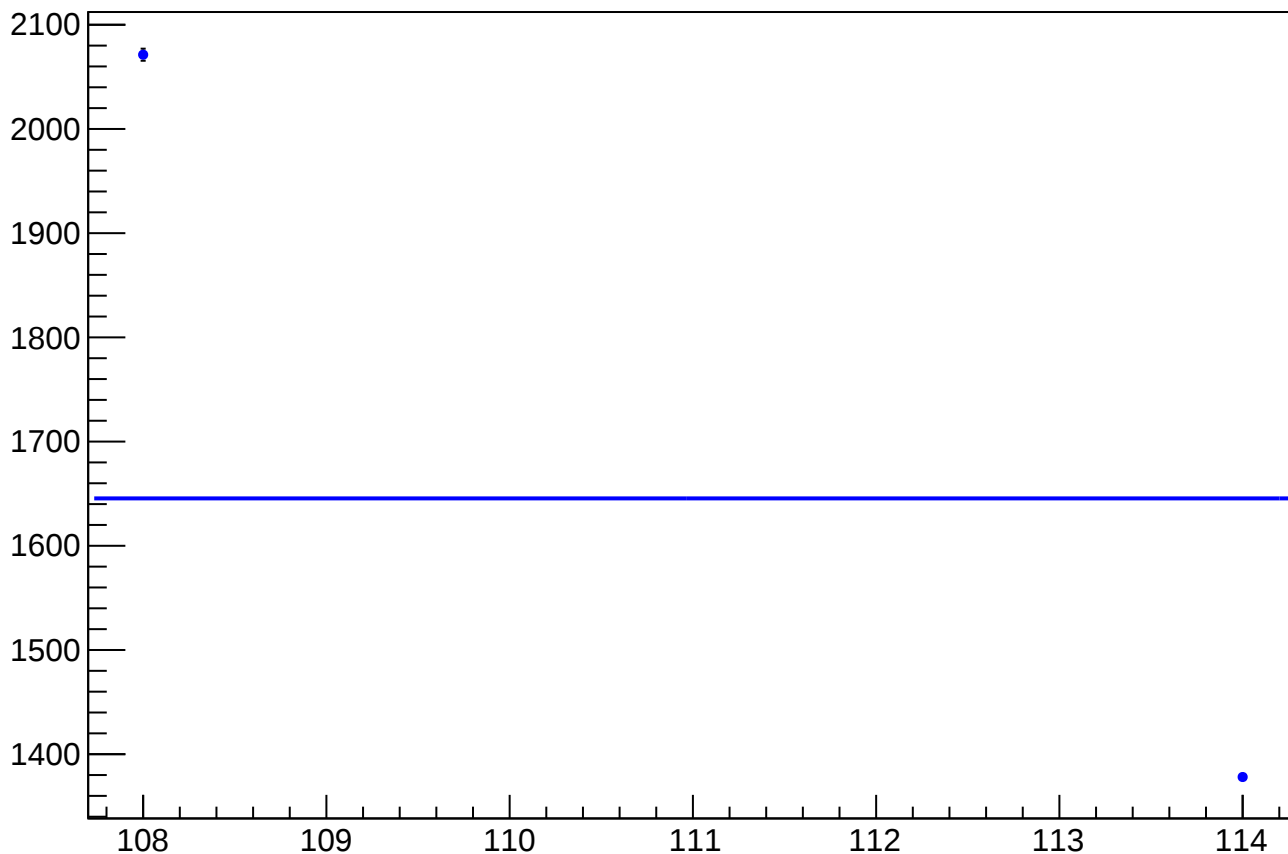
Right: -2699.064+/-5090.267 χ^2/NDF : 0.2/1

In: -2699.064+/-5090.267 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2699.064+/-5090.267 χ^2/NDF : 0.2/1

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1645.477+/-3.599 χ^2/NDF : 8787.3/1

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

Right Out: 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

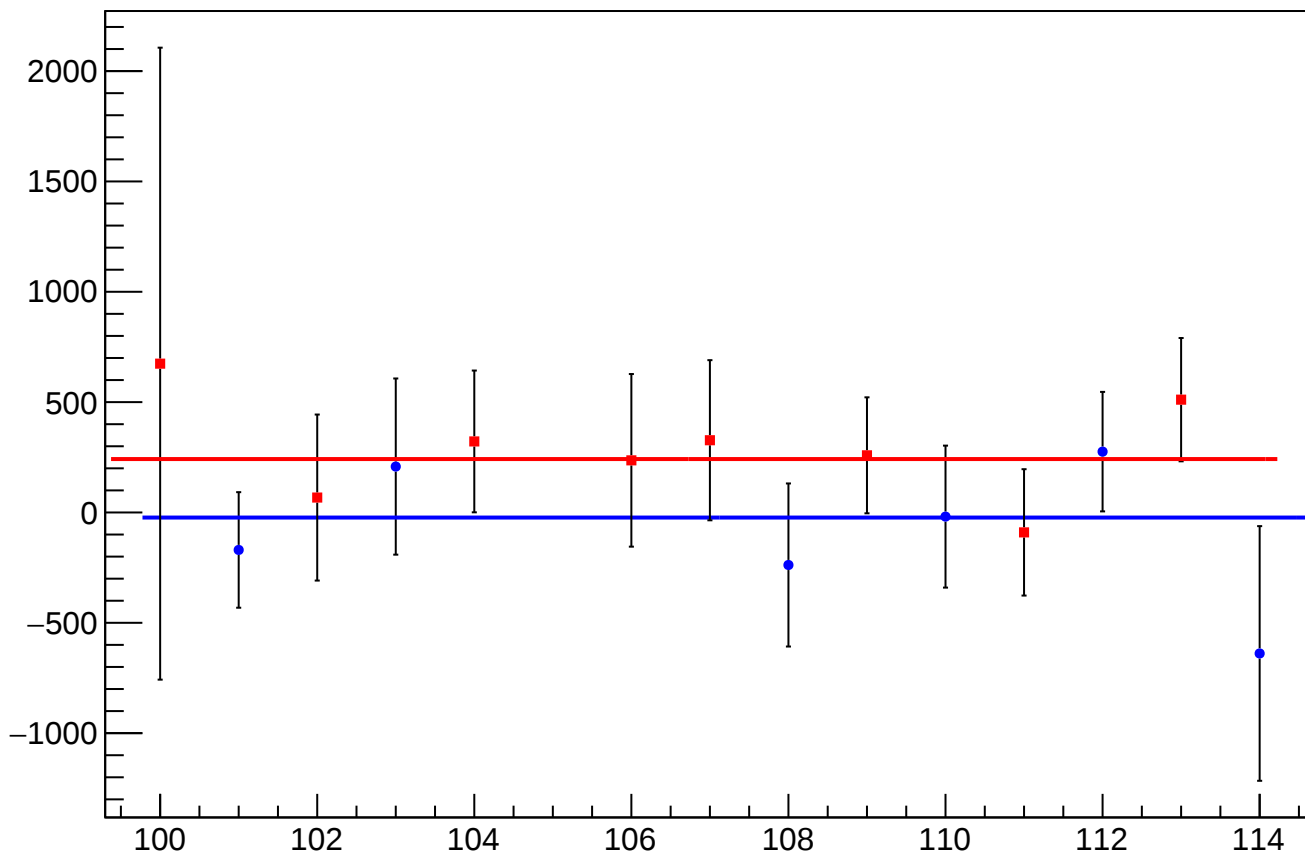
Right: 1645.477+/-3.599 χ^2/NDF : 8787.3/1

In: 1645.477+/-3.599 χ^2/NDF : 8787.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1645.477+/-3.599 χ^2/NDF : 8787.3/1

reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: -23.032 $\pm$ 135.461 χ^2 /NDF: 3.3/5

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

Right Out: 242.041 $\pm$ 118.782 χ^2 /NDF: 2.7/7

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

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

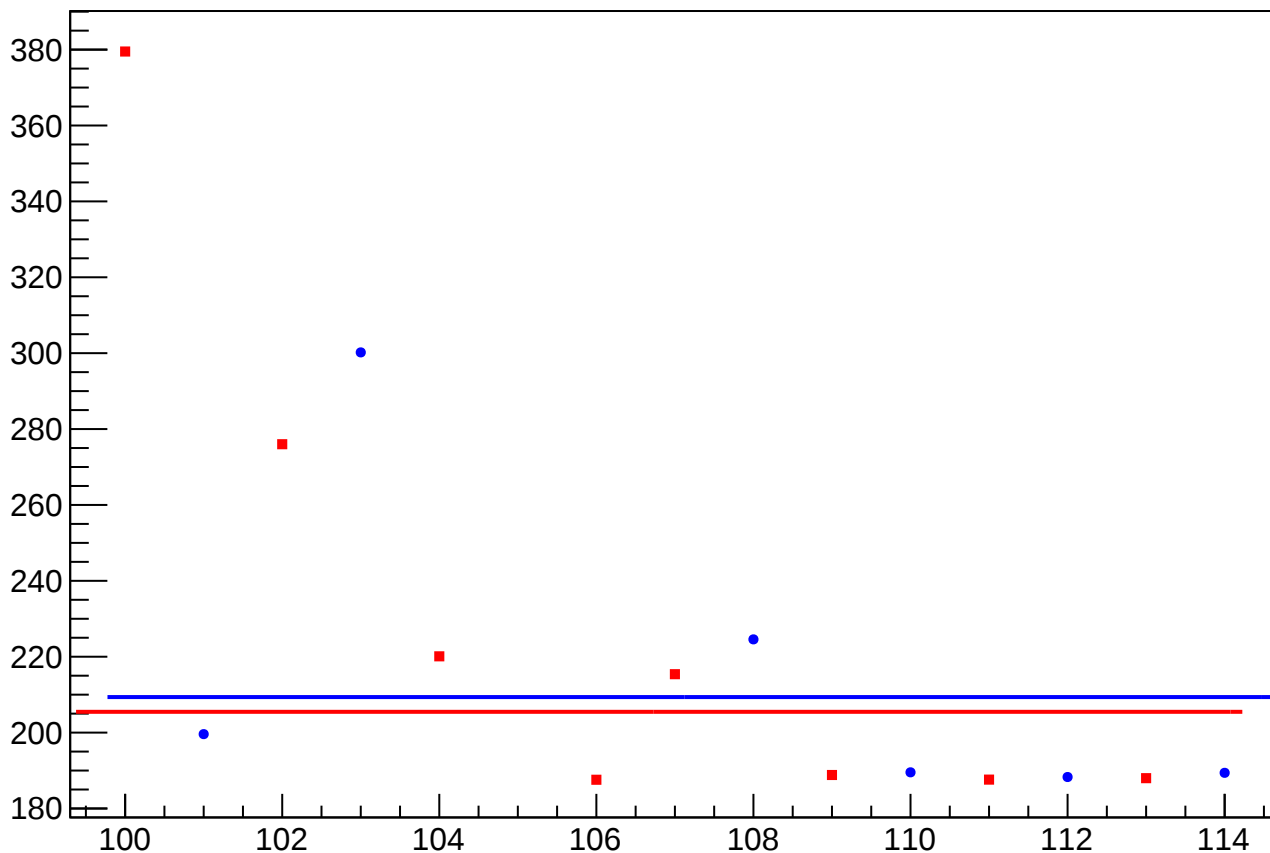
Right: 126.819 $\pm$ 89.310 χ^2 /NDF: 8.2/13

In: -23.032 $\pm$ 135.461 χ^2 /NDF: 3.3/5

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

All: 126.819 $\pm$ 89.310 χ^2 /NDF: 8.2/13

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 209.366+/-0.096 χ^2/NDF : 131857.9/5

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

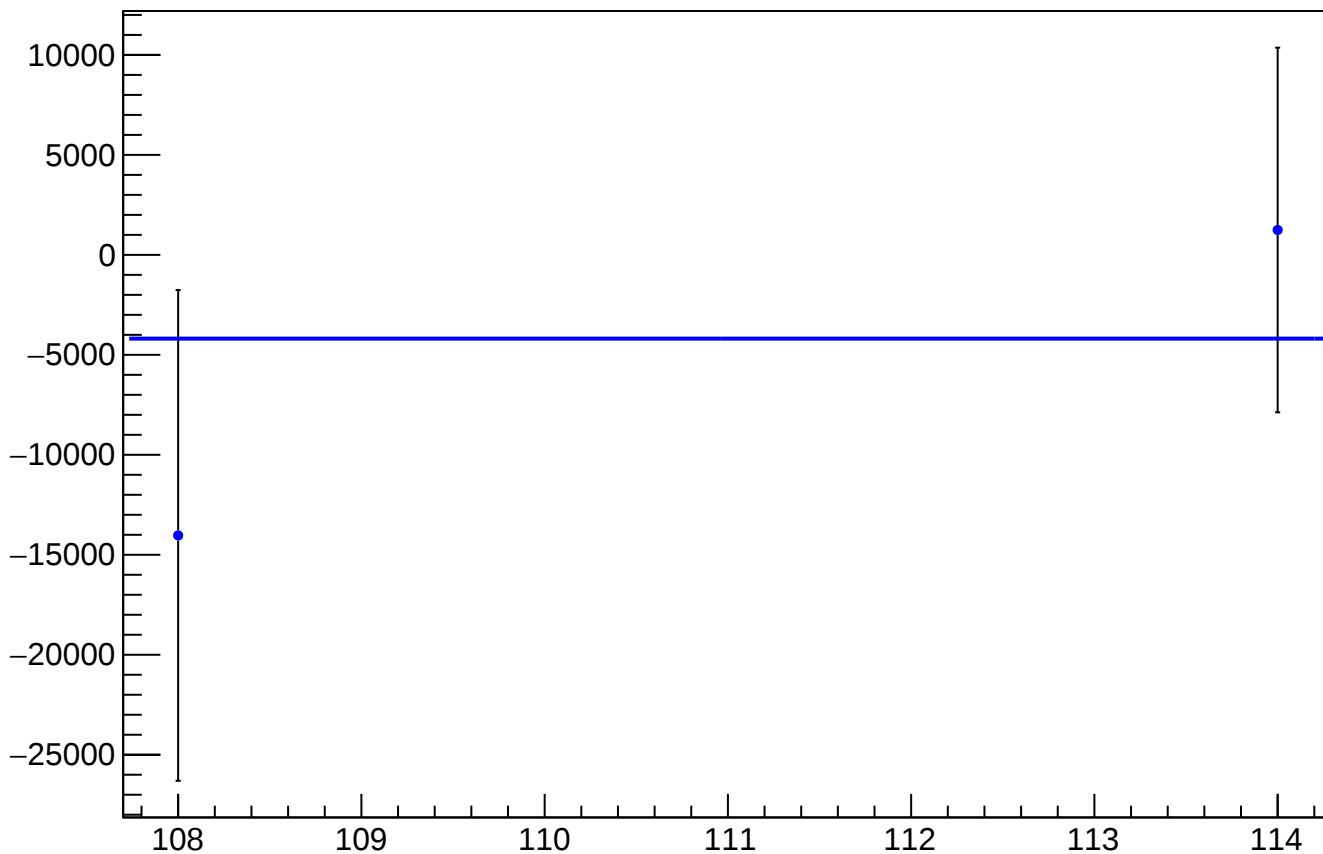
Right: 207.169+/-0.063 χ^2/NDF : 266118.1/13

In: 209.366+/-0.096 χ^2/NDF : 131857.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 207.169+/-0.063 χ^2/NDF : 266118.1/13

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -4189.249+/-7319.424 χ^2/NDF : 1.0/1

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

Right Out: 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

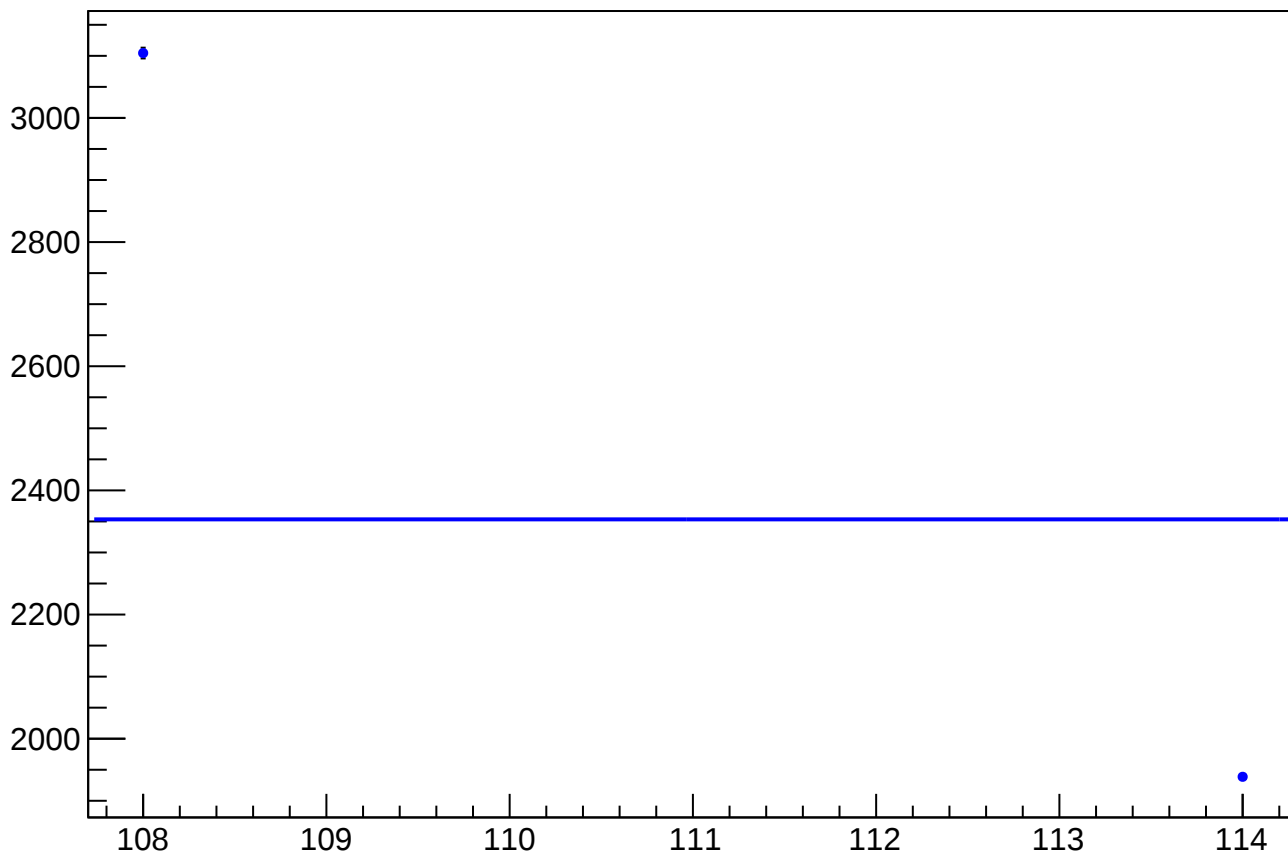
Right: -4189.249+/-7319.424 χ^2/NDF : 1.0/1

In: -4189.249+/-7319.424 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4189.249+/-7319.424 χ^2/NDF : 1.0/1

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2353.323+/-5.176 χ^2/NDF : 11628.5/1

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

Right Out: 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

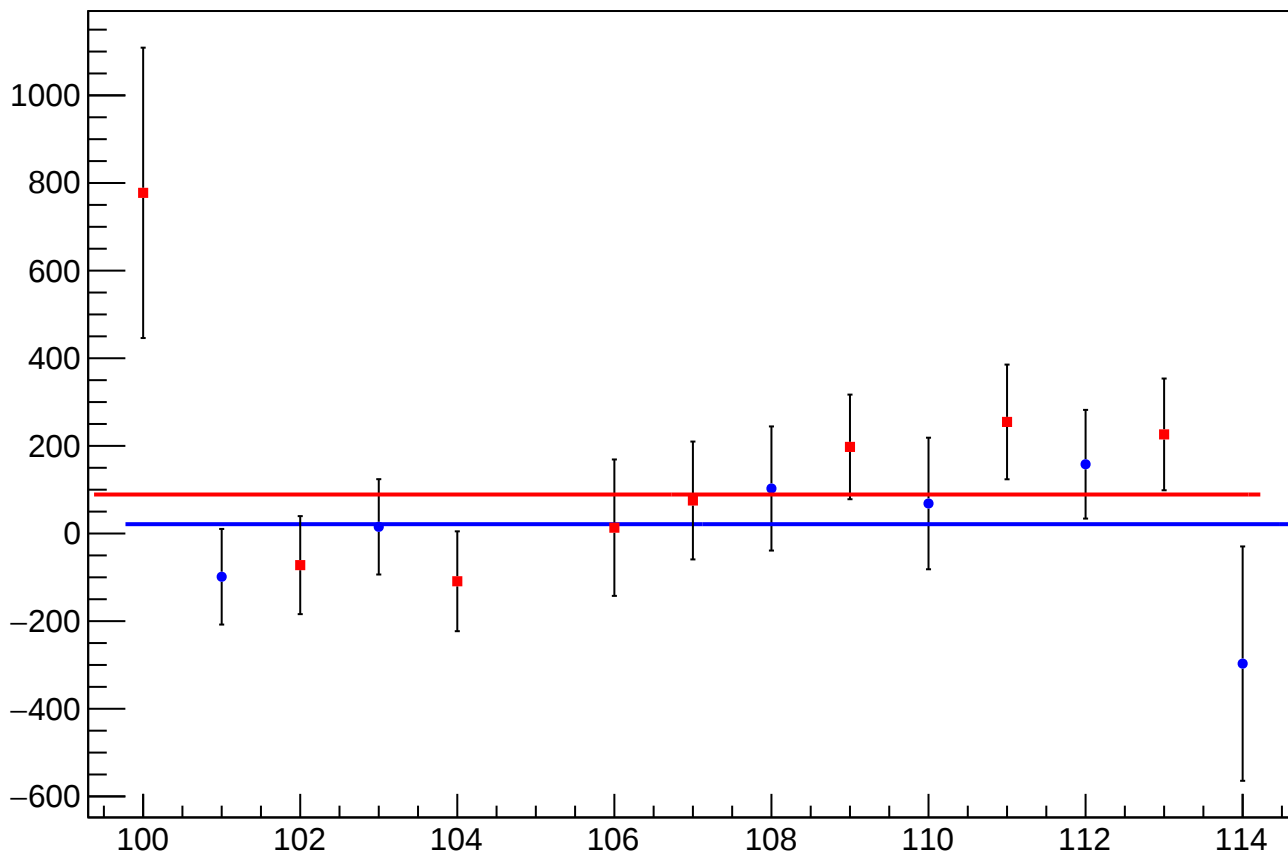
Right: 2353.323+/-5.176 χ^2/NDF : 11628.5/1

In: 2353.323+/-5.176 χ^2/NDF : 11628.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2353.323+/-5.176 χ^2/NDF : 11628.5/1

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.309+/-54.100 χ^2/NDF : 4.3/5

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

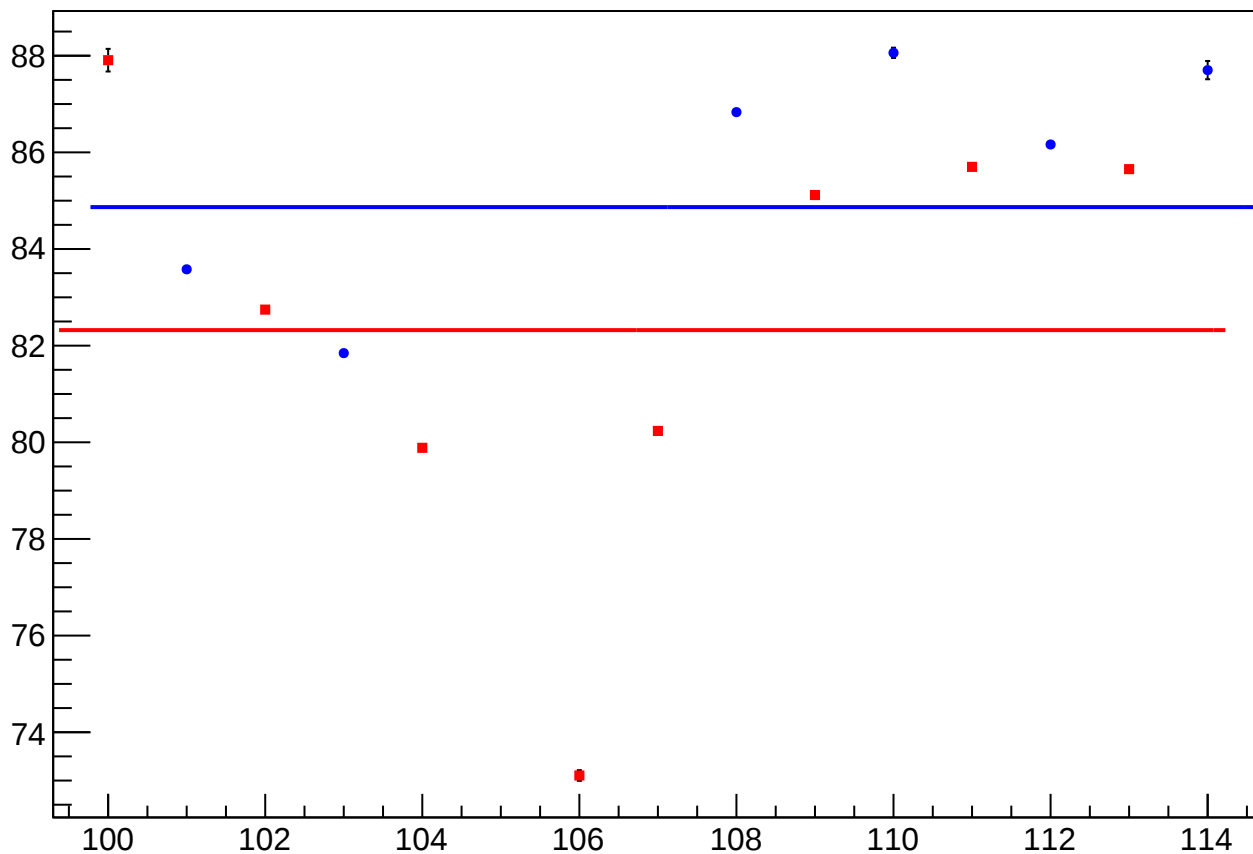
Right: 59.892+/-35.482 χ^2/NDF : 18.4/13

In: 21.309+/-54.100 χ^2/NDF : 4.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.892+/-35.482 χ^2/NDF : 18.4/13

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 84.867 $\pm$ 0.038 χ^2 /NDF: 3554.1/5

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

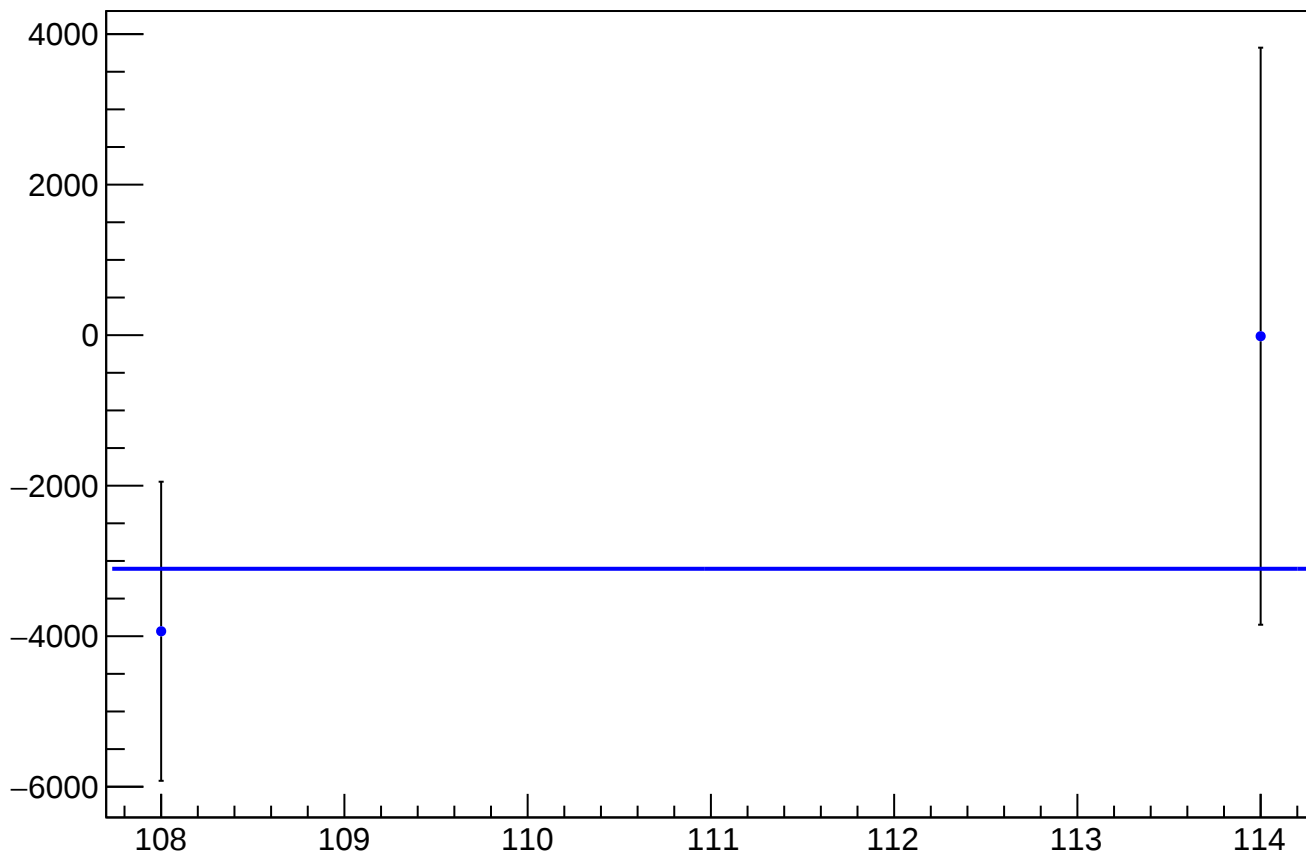
Right: 83.416 $\pm$ 0.025 χ^2 /NDF: 18873.8/13

In: 84.867 $\pm$ 0.038 χ^2 /NDF:3554.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 83.416 $\pm$ 0.025 χ^2 /NDF: 18873.8/13

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: -3104.069+/-1764.081 χ^2/NDF : 0.8/1

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

Right Out: 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

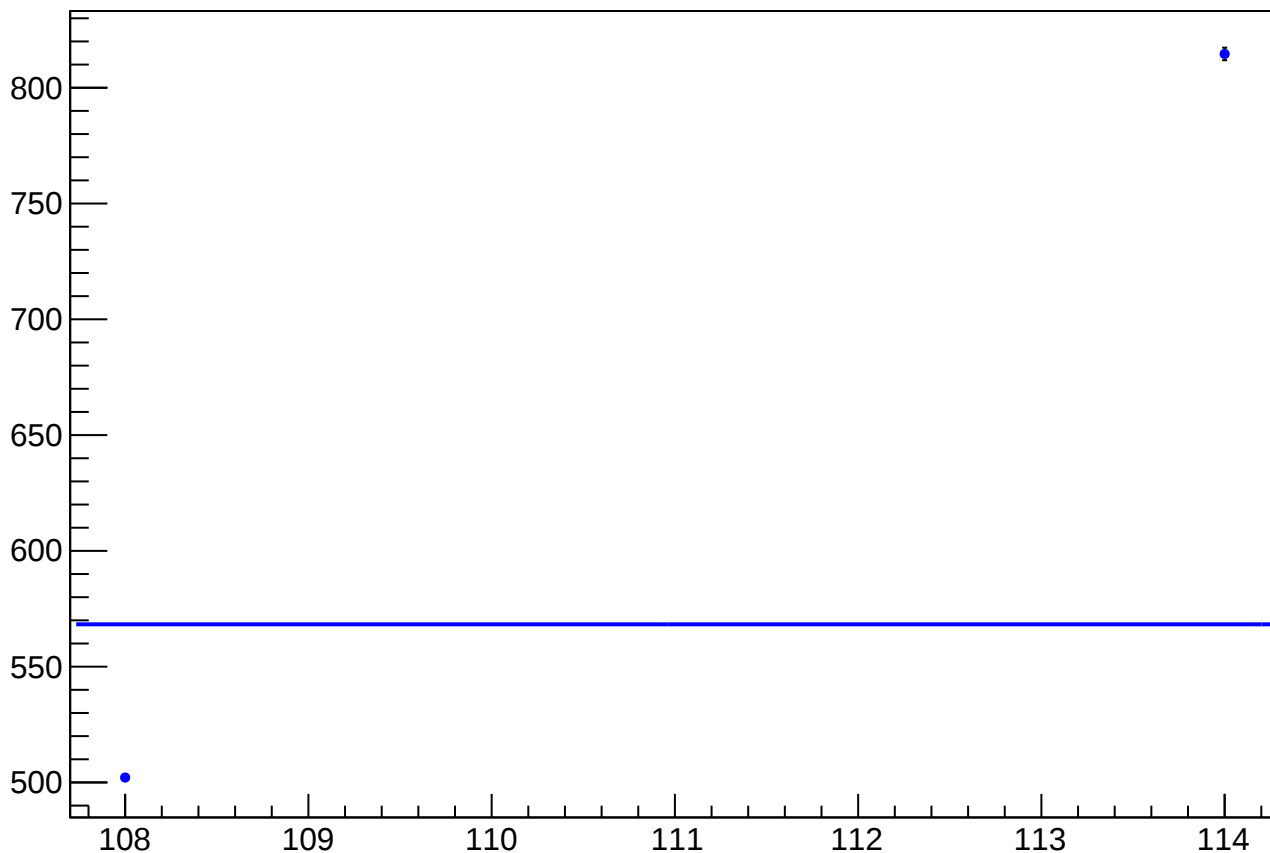
Right: -3104.069+/-1764.081 χ^2/NDF : 0.8/1

In: -3104.069+/-1764.081 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3104.069+/-1764.081 χ^2/NDF : 0.8/1

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 568.281+/-1.247 χ^2/NDF : 10473.9/1

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

Right Out: 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

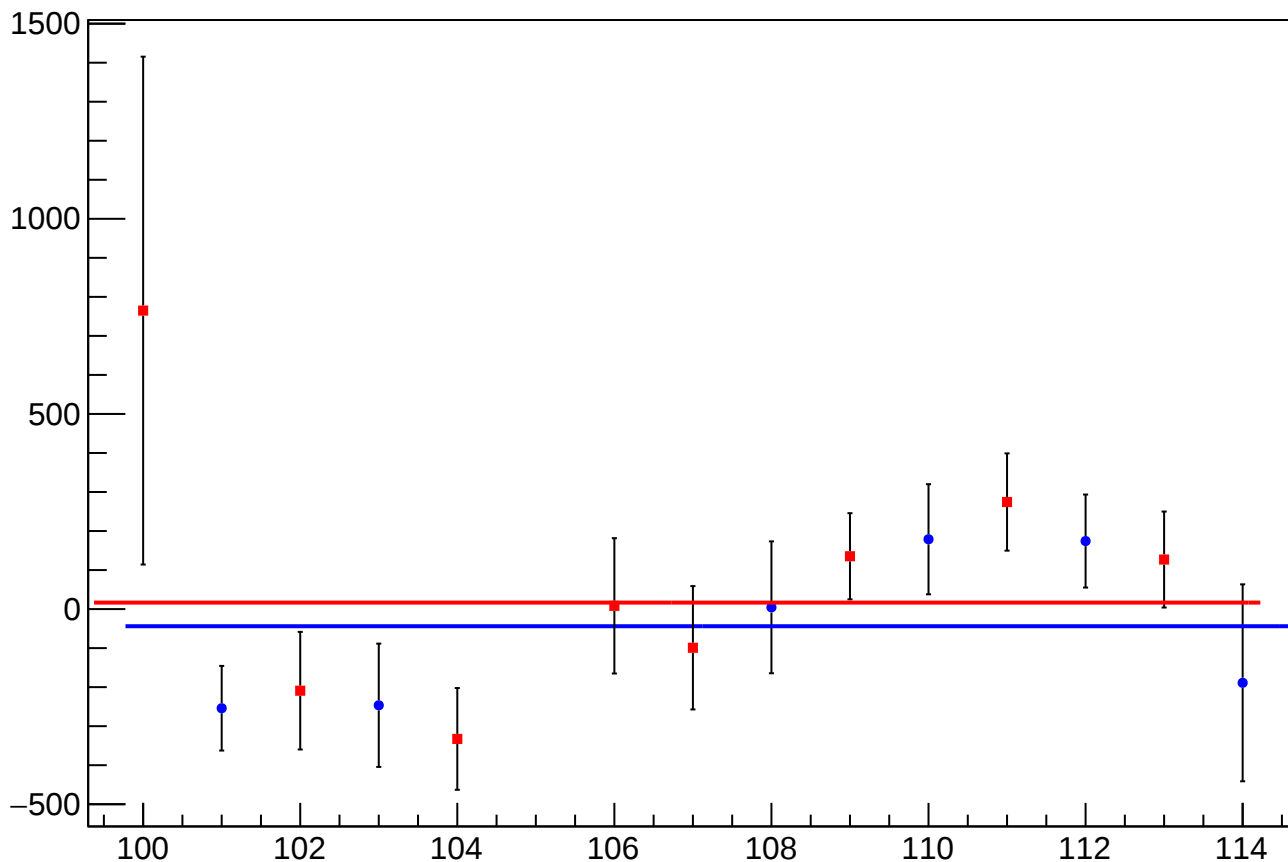
Right: 568.281+/-1.247 χ^2/NDF : 10473.9/1

In: 568.281+/-1.247 χ^2/NDF : 10473.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 568.281+/-1.247 χ^2/NDF : 10473.9/1

reg_asym_sam6_mean vs Slug, Sign Corrected



Right In: -43.924 $\pm$ 58.073 χ^2 /NDF: 11.7/5

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

Right Out: 16.646 $\pm$ 50.556 χ^2 /NDF: 17.5/7

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

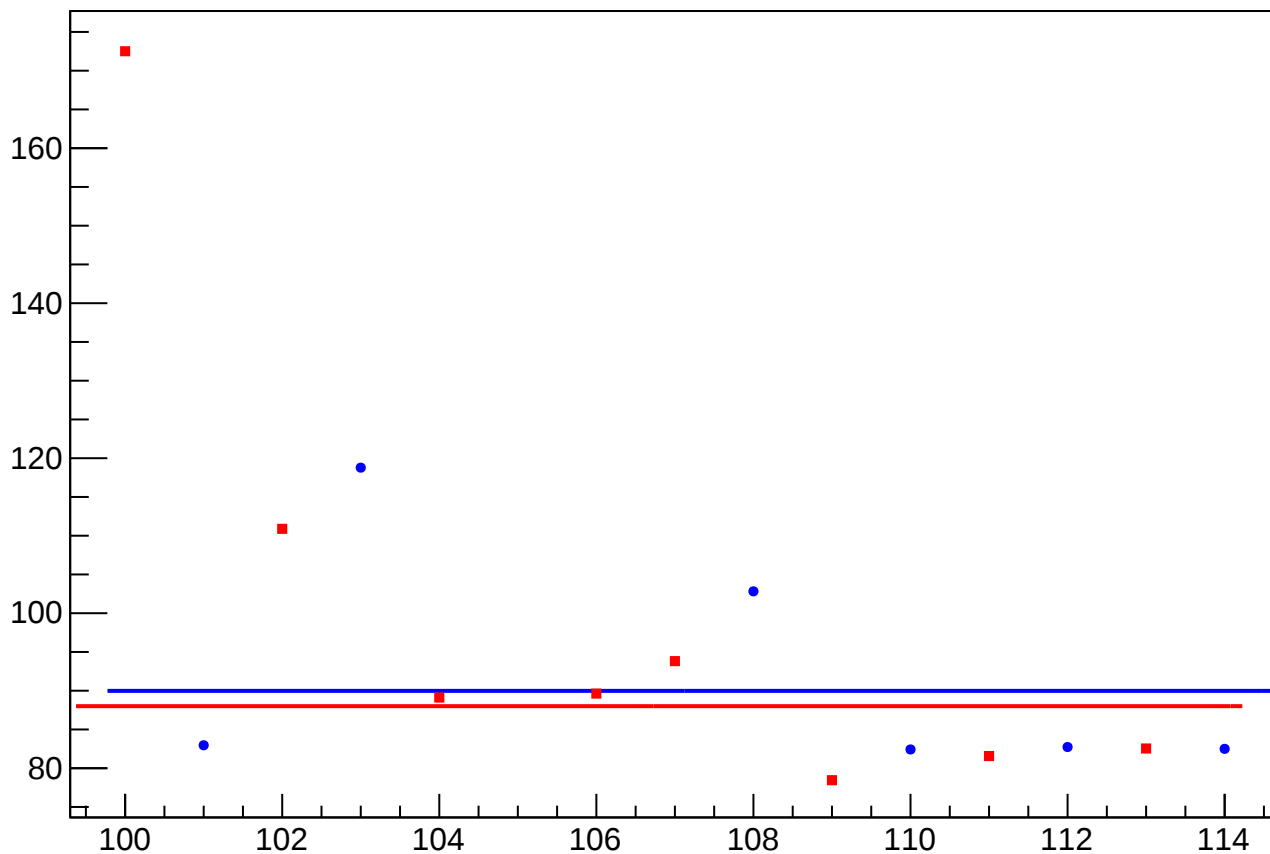
Right: -9.468 $\pm$ 38.131 χ^2 /NDF: 29.8/13

In: -43.924 $\pm$ 58.073 χ^2 /NDF:11.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -9.468 $\pm$ 38.131 χ^2 /NDF: 29.8/13

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 89.981 $\pm$ 0.041 χ^2 /NDF: 101329.7/5

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

Right Out: 88.006 $\pm$ 0.036 χ^2 /NDF: 107167.4/7

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

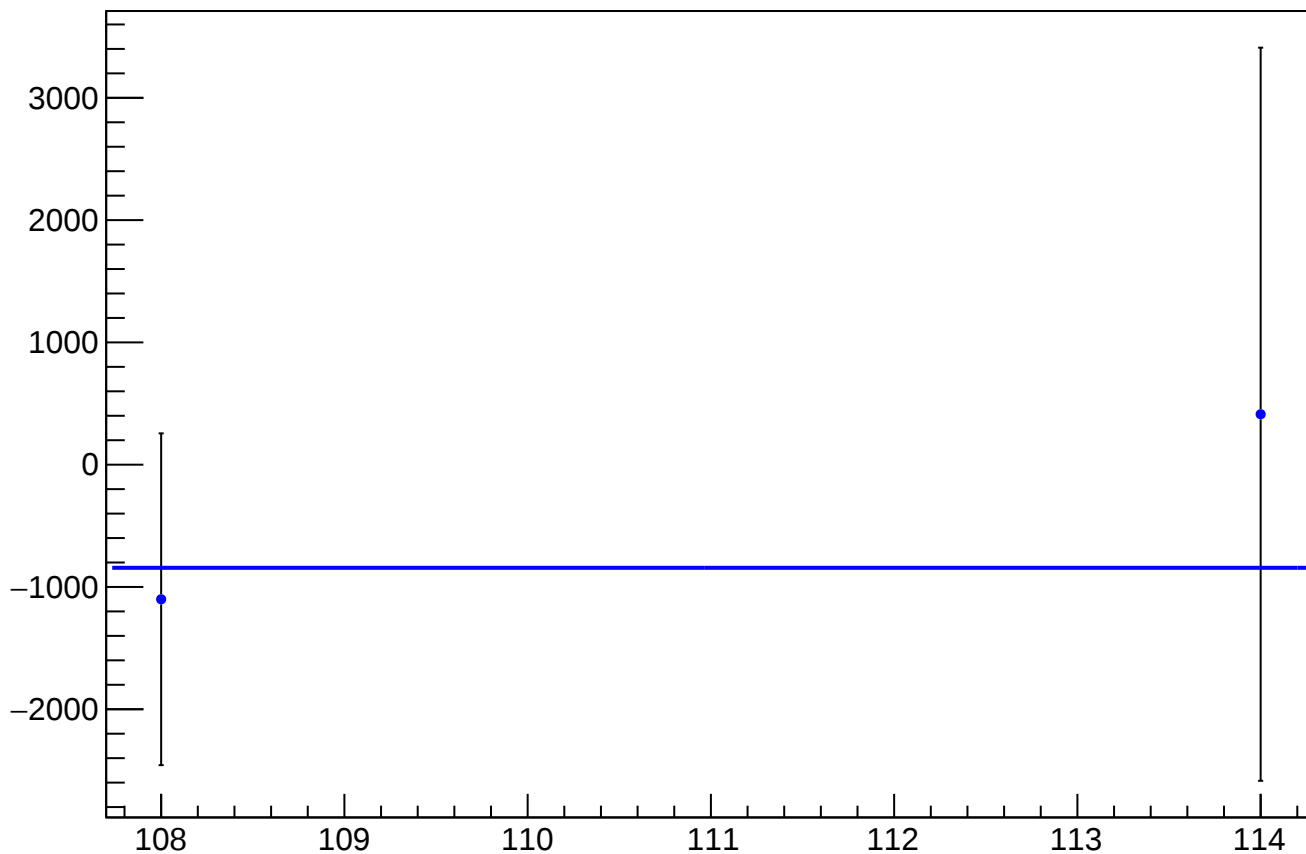
Right: 88.857 $\pm$ 0.027 χ^2 /NDF: 209813.2/13

In: 89.981 $\pm$ 0.041 χ^2 /NDF:101329.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 88.857 $\pm$ 0.027 χ^2 /NDF: 209813.2/13

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: -843.306+/-1235.976 χ^2/NDF : 0.2/1

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

Right Out: 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

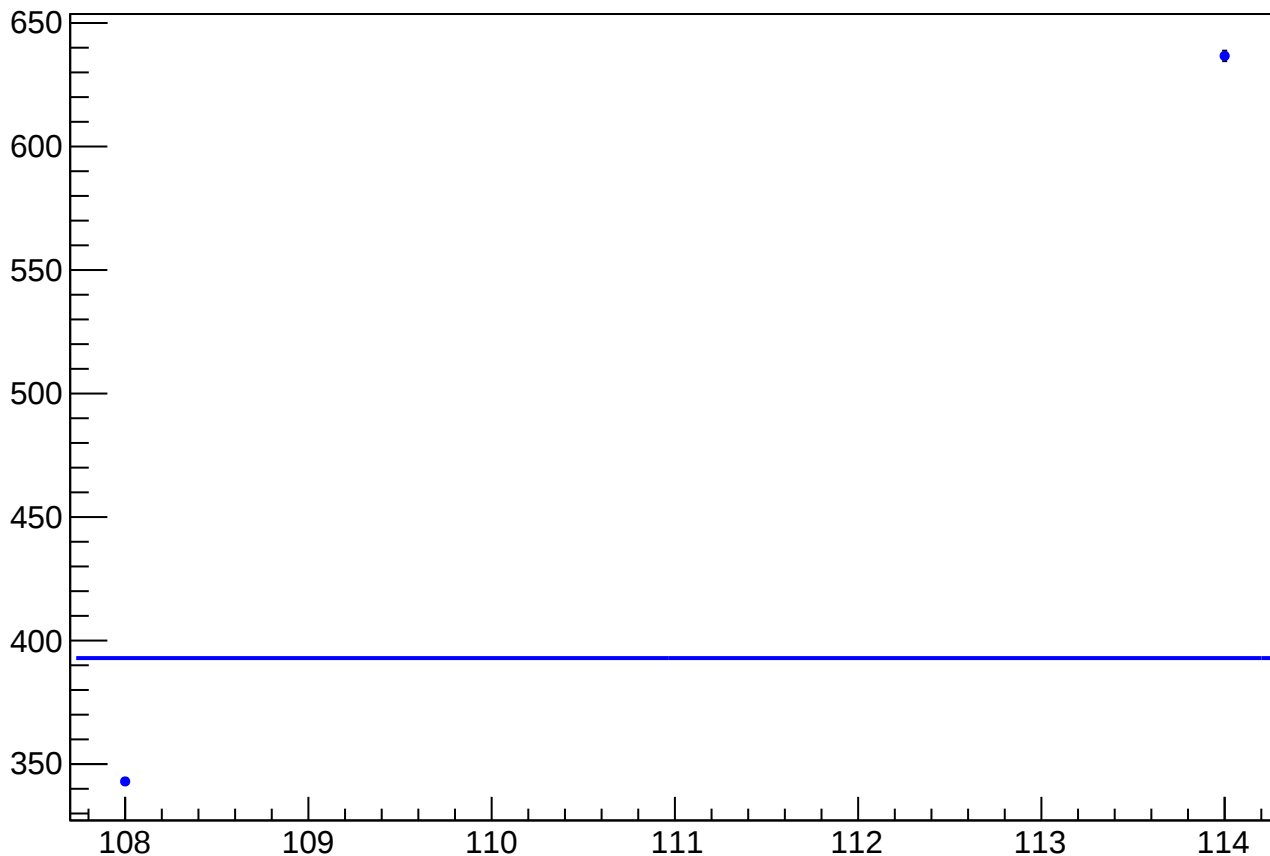
Right: -843.306+/-1235.976 χ^2/NDF : 0.2/1

In: -843.306+/-1235.976 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -843.306+/-1235.976 χ^2/NDF : 0.2/1

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 392.909+/-0.874 χ^2/NDF : 15934.5/1

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

Right Out: 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

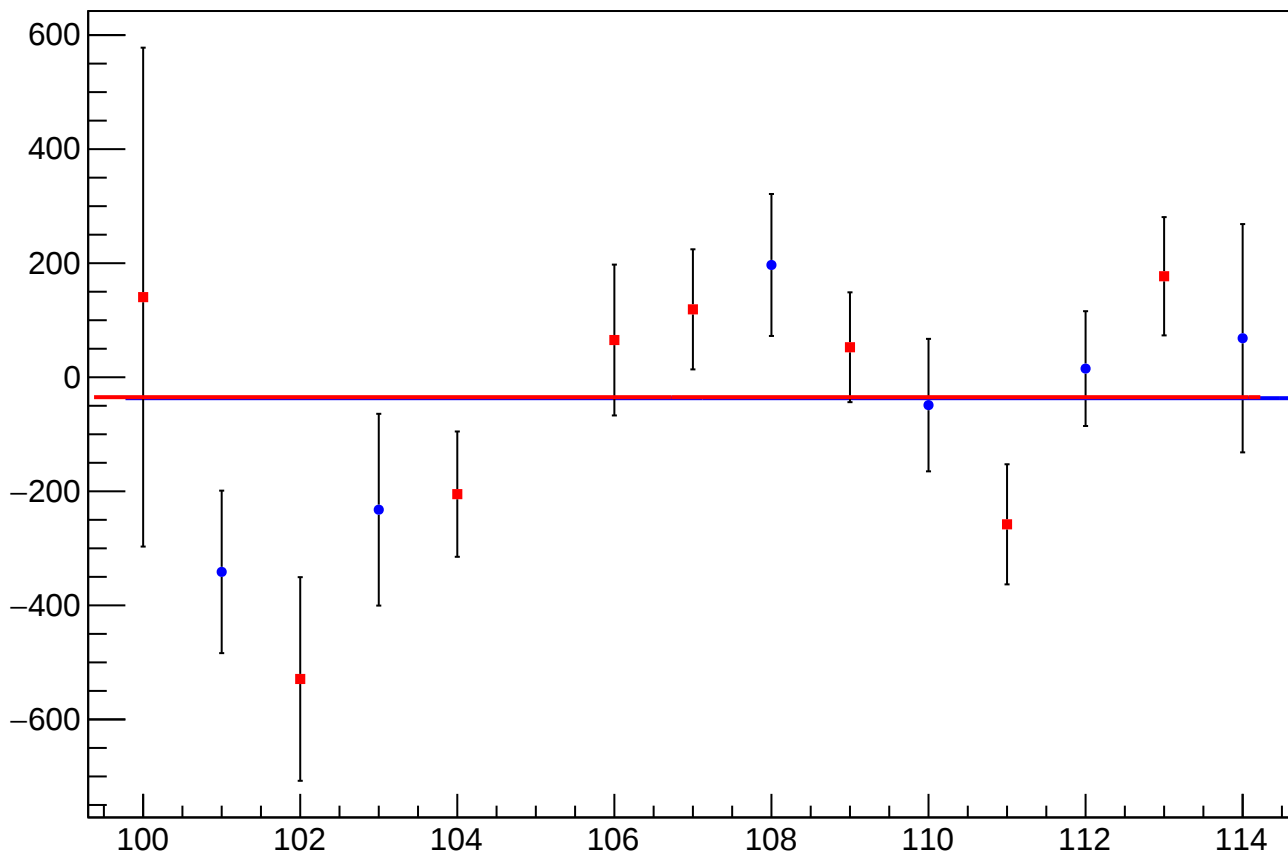
Right: 392.909+/-0.874 χ^2/NDF : 15934.5/1

In: 392.909+/-0.874 χ^2/NDF : 15934.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 392.909+/-0.874 χ^2/NDF : 15934.5/1

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: -36.708 ± 53.688 χ^2/NDF : 10.0/5

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

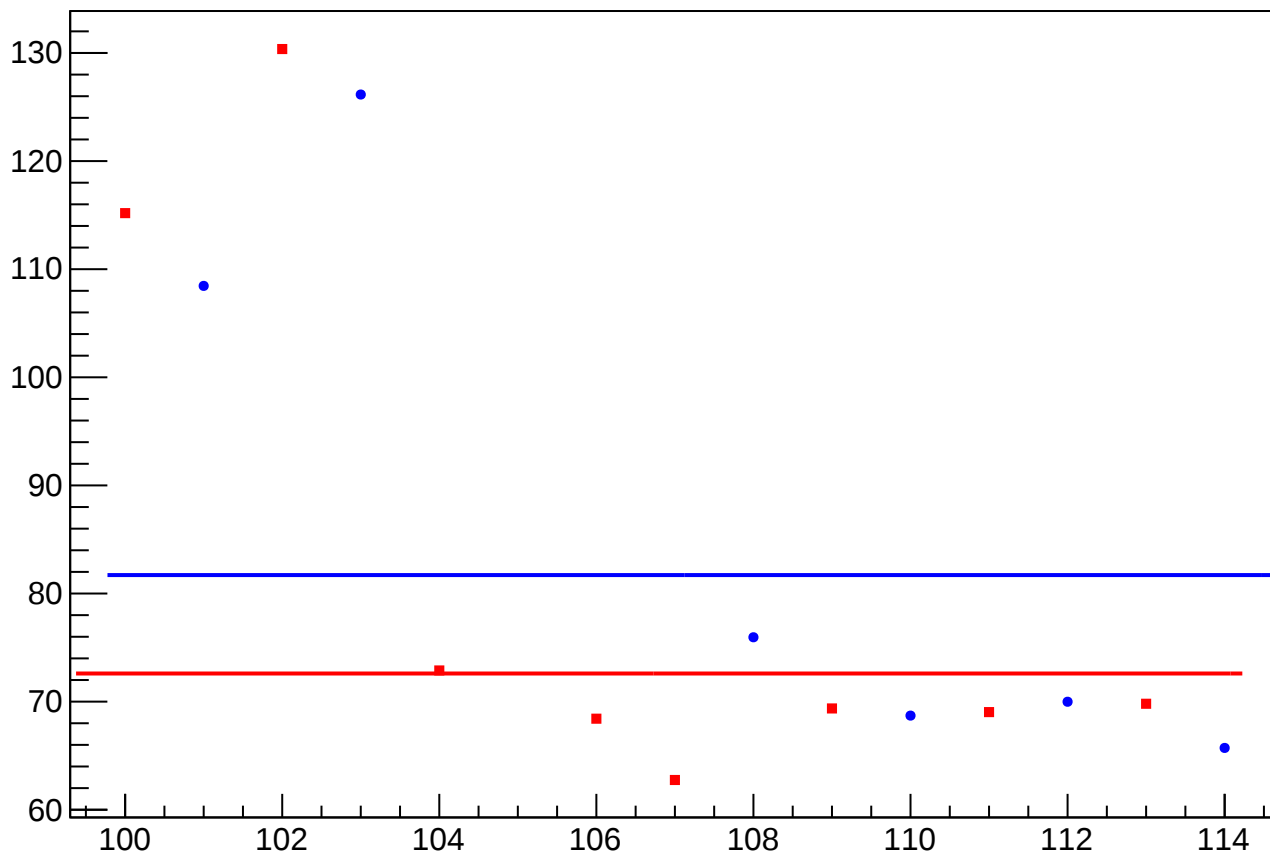
Right: -35.601 ± 33.247 χ^2/NDF : 32.4/13

In: -36.708 ± 53.688 χ^2/NDF : 10.0/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.601 ± 33.247 χ^2/NDF : 32.4/13

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 81.707 $\pm$ 0.038 χ^2 /NDF: 279440.7/5

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

Right Out: 72.602 $\pm$ 0.030 χ^2 /NDF: 253806.3/7

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

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

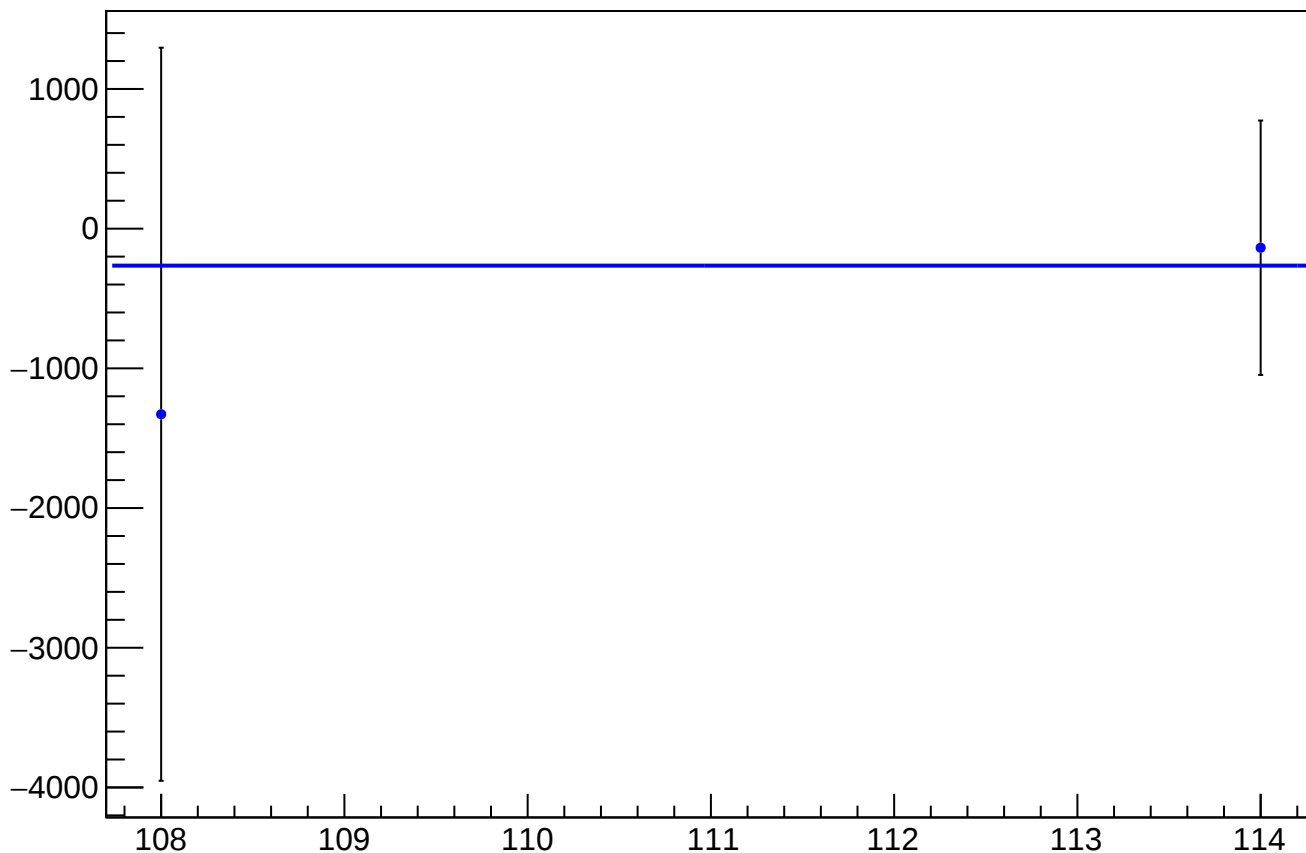
Right: 76.093 $\pm$ 0.024 χ^2 /NDF: 568709.7/13

In: 81.707 $\pm$ 0.038 χ^2 /NDF: 279440.7/5

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

All: 76.093 $\pm$ 0.024 χ^2 /NDF: 568709.7/13

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -264.630+/-860.200 χ^2/NDF : 0.2/1

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

Right Out: 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

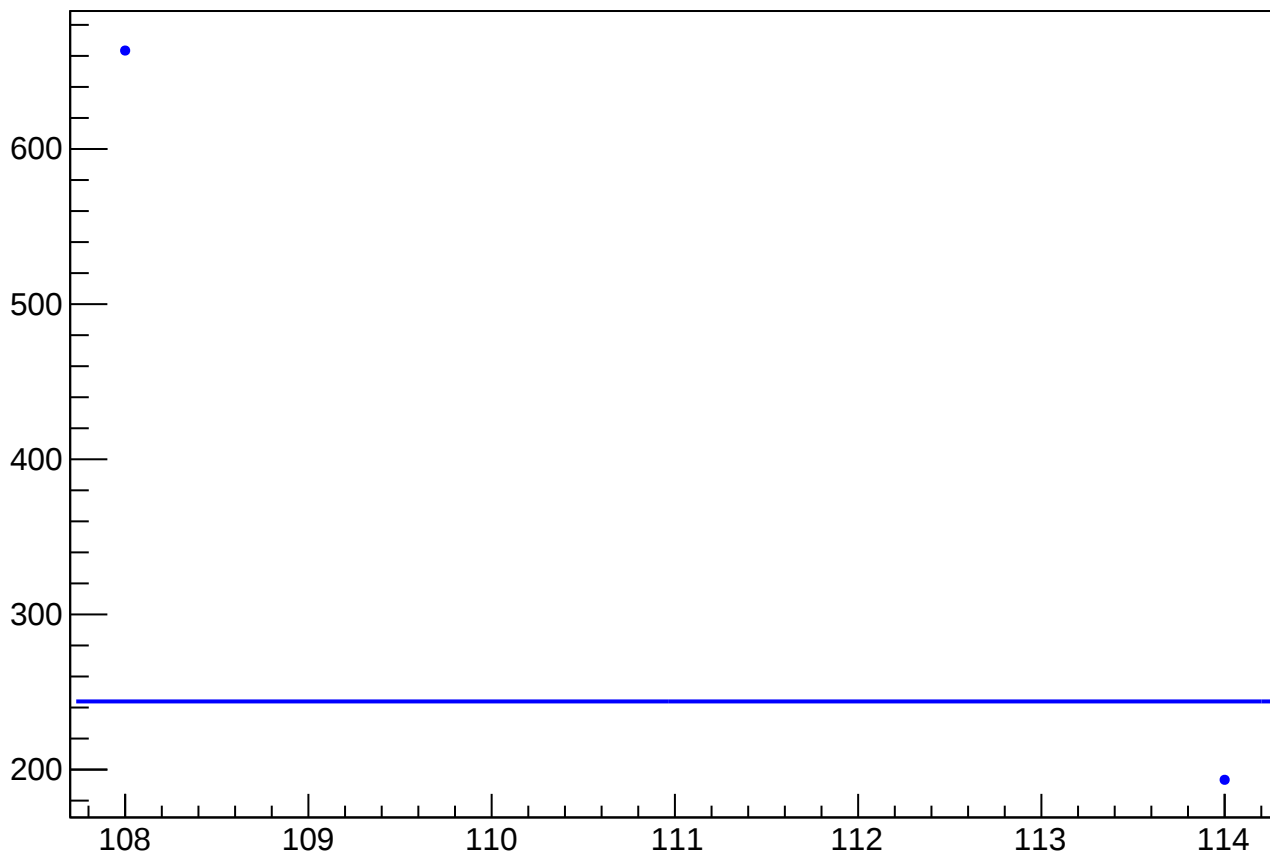
Right: -264.630+/-860.200 χ^2/NDF : 0.2/1

In: -264.630+/-860.200 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -264.630+/-860.200 χ^2/NDF : 0.2/1

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 243.930+/-0.608 χ^2/NDF : 57276.9/1

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

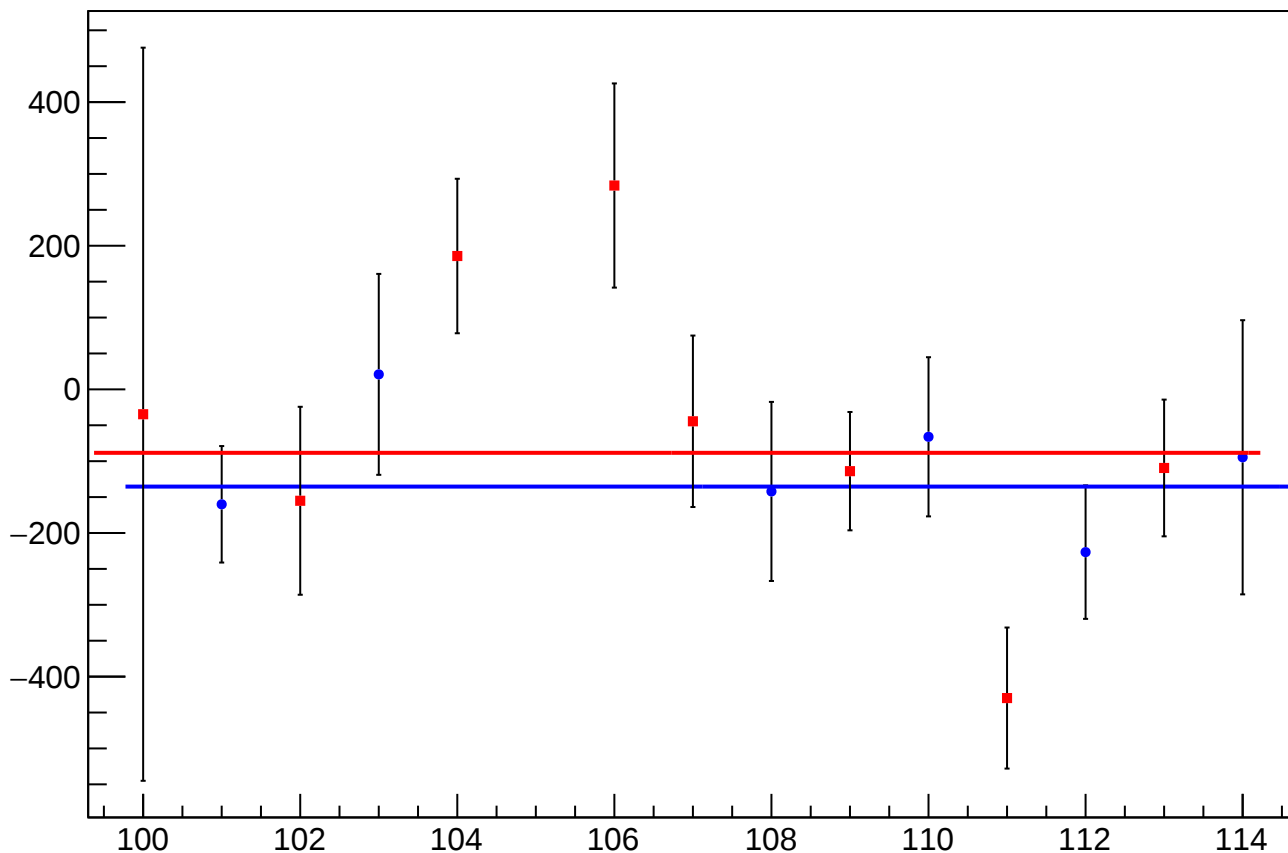
Right: 243.930+/-0.608 χ^2/NDF : 57276.9/1

In: 243.930+/-0.608 χ^2/NDF : 57276.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 243.930+/-0.608 χ^2/NDF : 57276.9/1

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -135.376+/-45.080 χ^2/NDF : 2.7/5

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

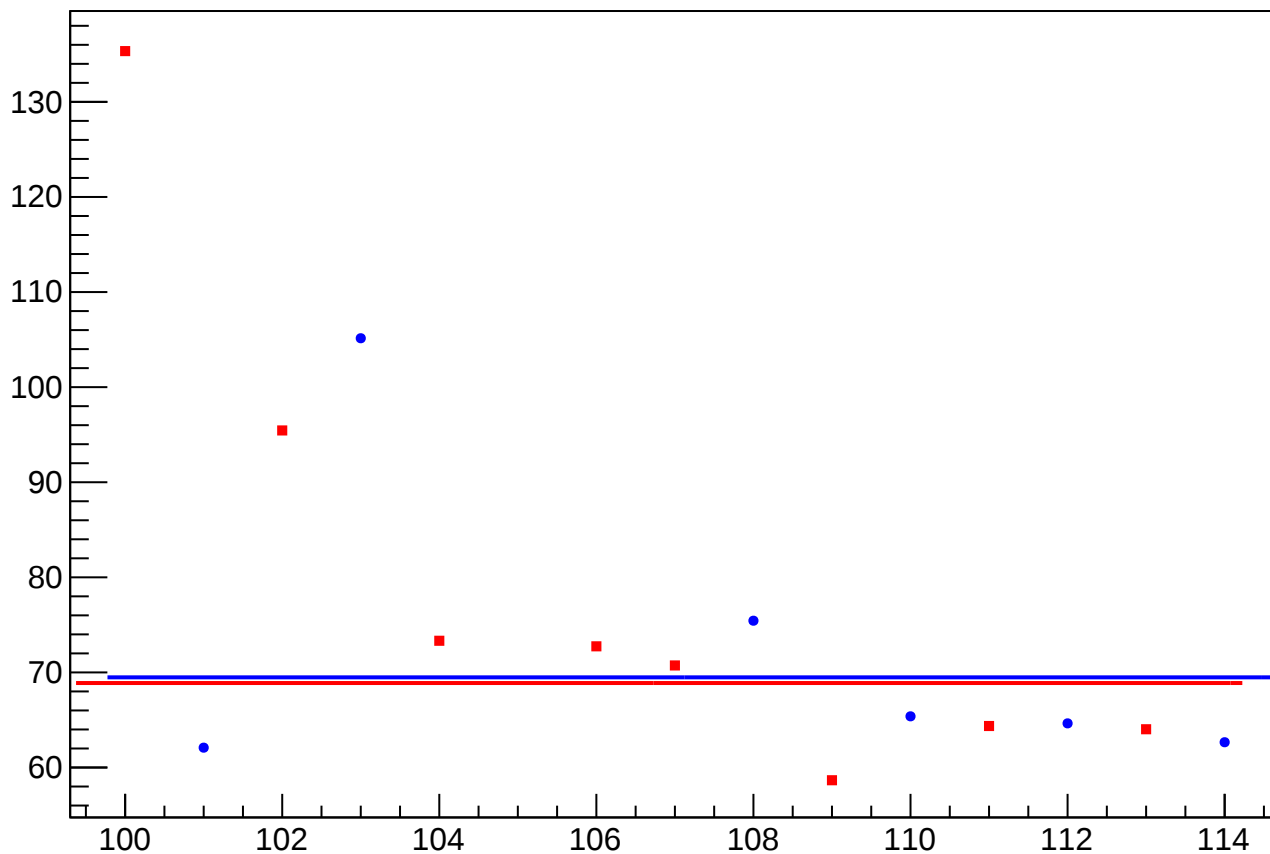
Right: -108.987+/-29.858 χ^2/NDF : 29.3/13

In: -135.376+/-45.080 χ^2/NDF : 2.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -108.987+/-29.858 χ^2/NDF : 29.3/13

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 69.482+/-0.032 χ^2/NDF : 161880.7/5

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

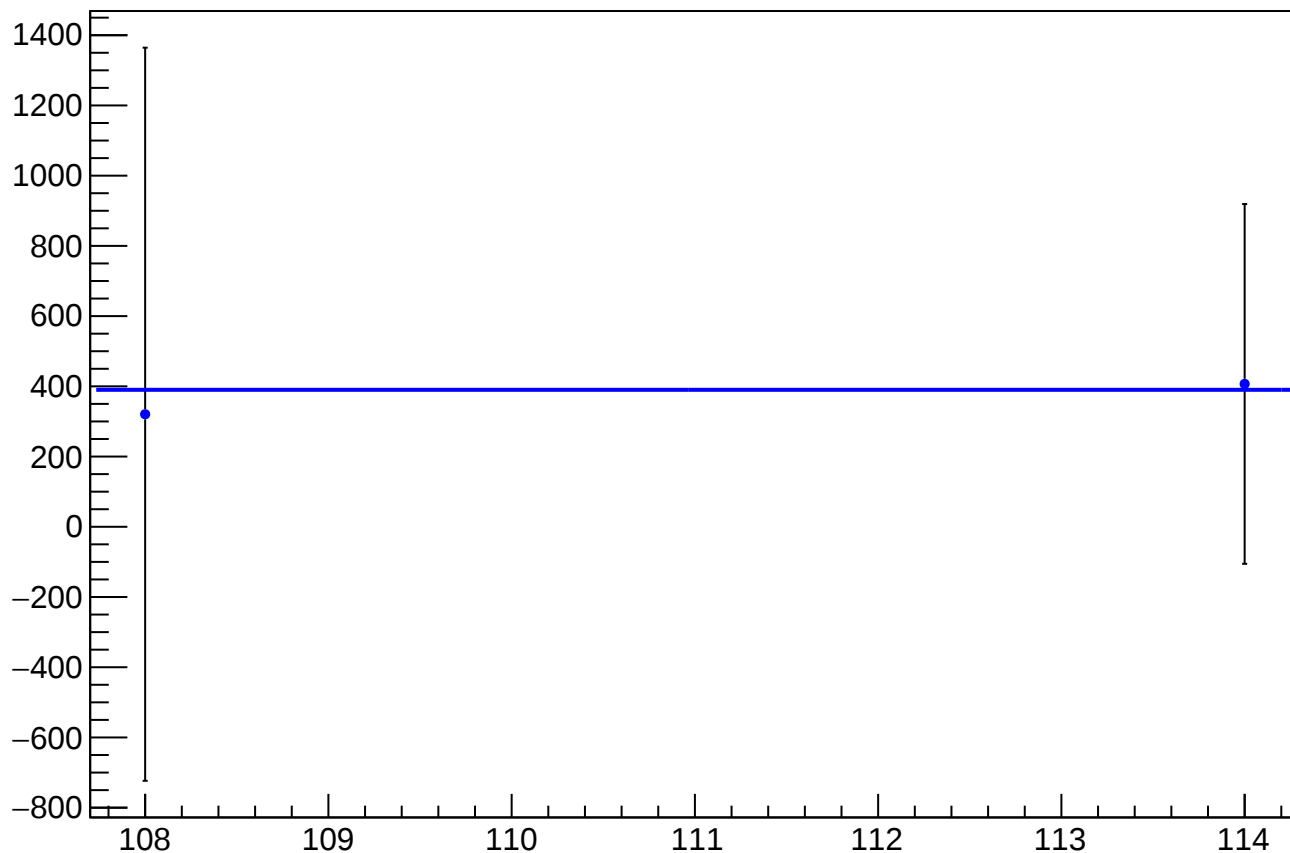
Right: 69.147+/-0.021 χ^2/NDF : 323993.3/13

In: 69.482+/-0.032 χ^2/NDF : 161880.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.147+/-0.021 χ^2/NDF : 323993.3/13

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: 390.119+/-459.926 χ^2/NDF : 0.0/1

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

Right Out: 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

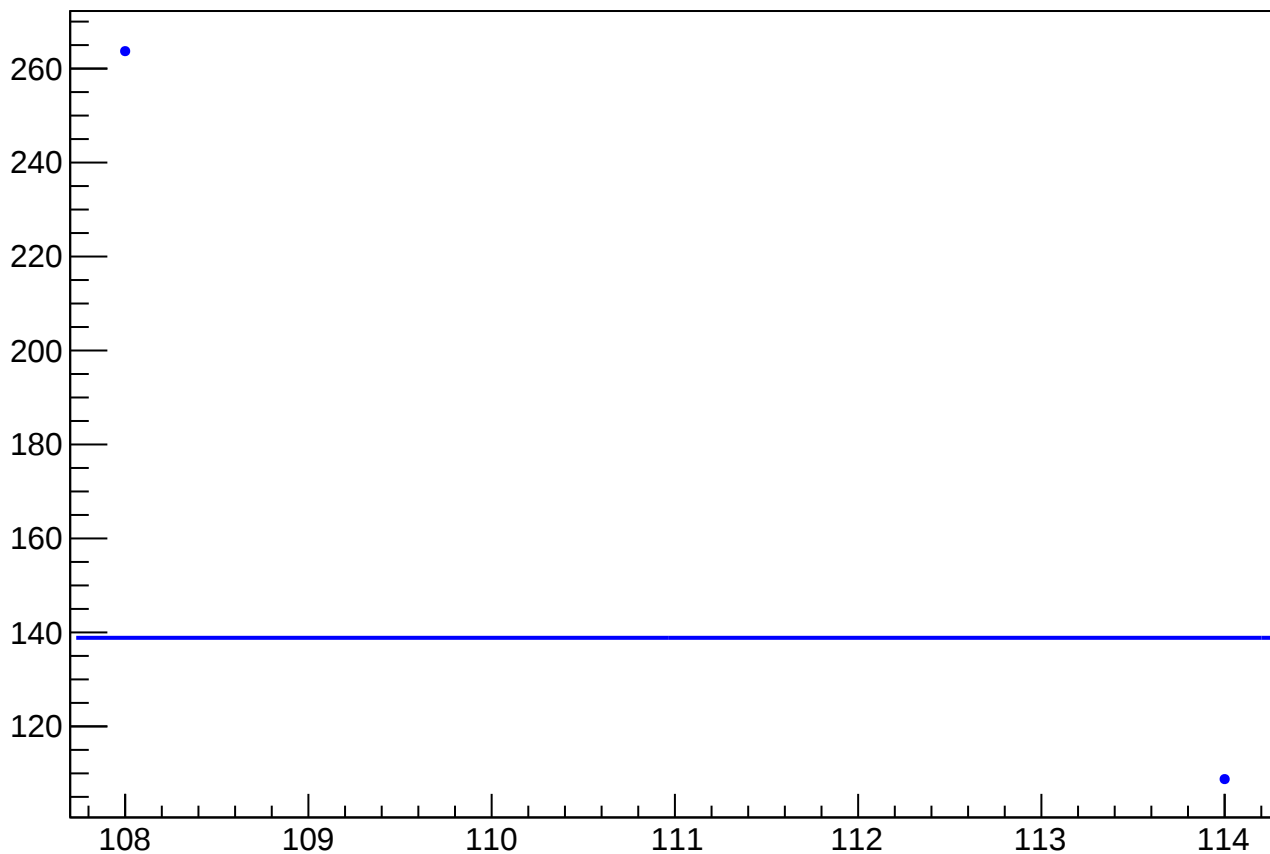
Right: 390.119+/-459.926 χ^2/NDF : 0.0/1

In: 390.119+/-459.926 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 390.119+/-459.926 χ^2/NDF : 0.0/1

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 138.853+/-0.325 χ^2/NDF : 35497.9/1

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

Right Out: 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

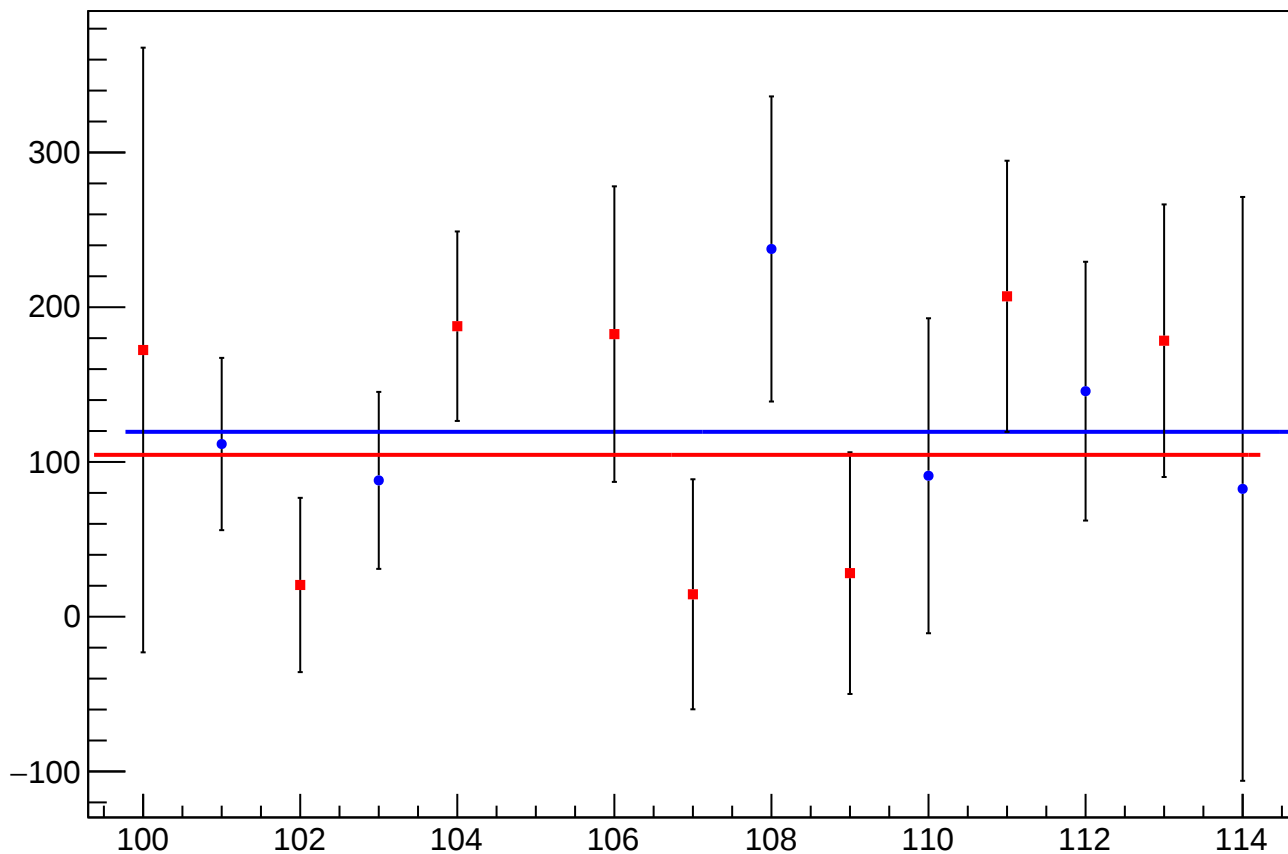
Right: 138.853+/-0.325 χ^2/NDF : 35497.9/1

In: 138.853+/-0.325 χ^2/NDF : 35497.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.853+/-0.325 χ^2/NDF : 35497.9/1

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 119.476+/-31.637 χ^2/NDF : 2.0/5

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

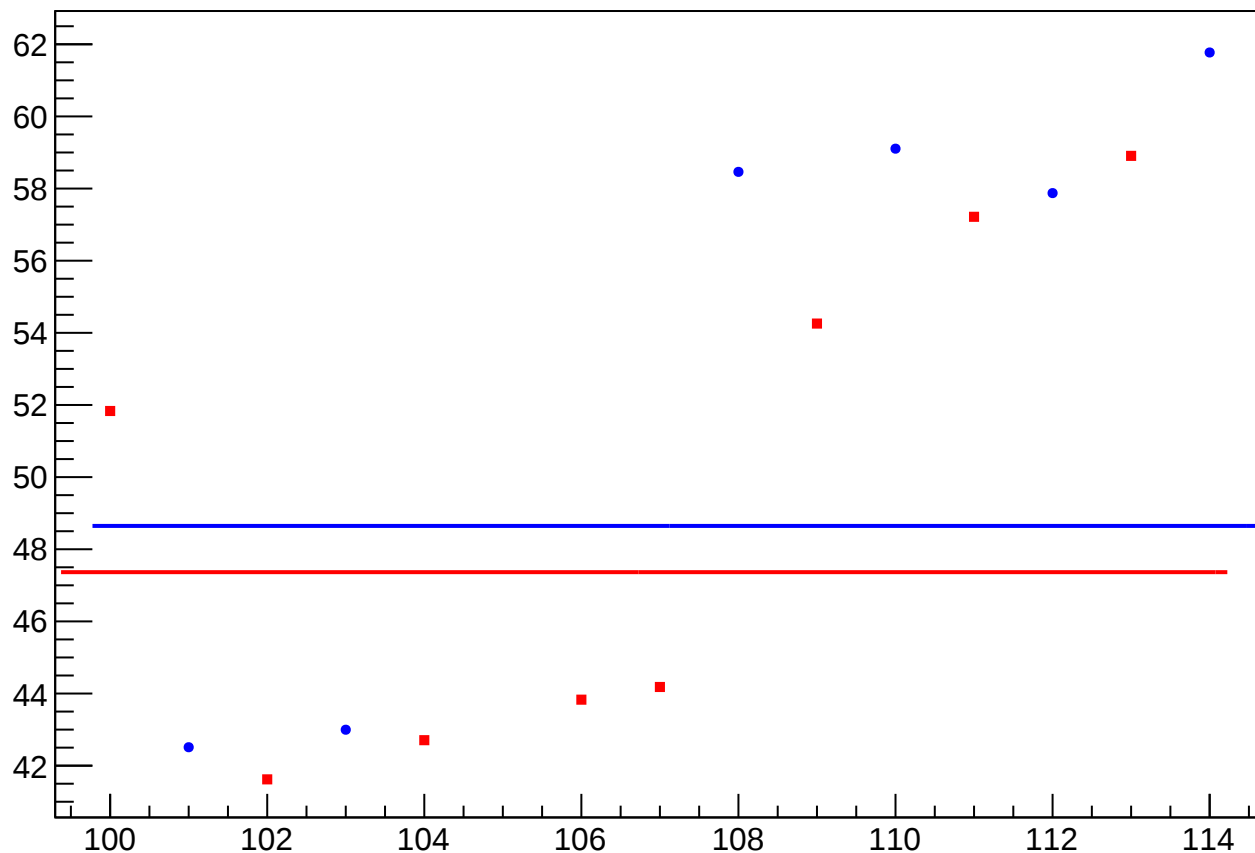
Right: 110.999+/-20.756 χ^2/NDF : 11.5/13

In: 119.476+/-31.637 χ^2/NDF : 2.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.999+/-20.756 χ^2/NDF : 11.5/13

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 48.647+/-0.022 χ^2/NDF : 118808.1/5

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

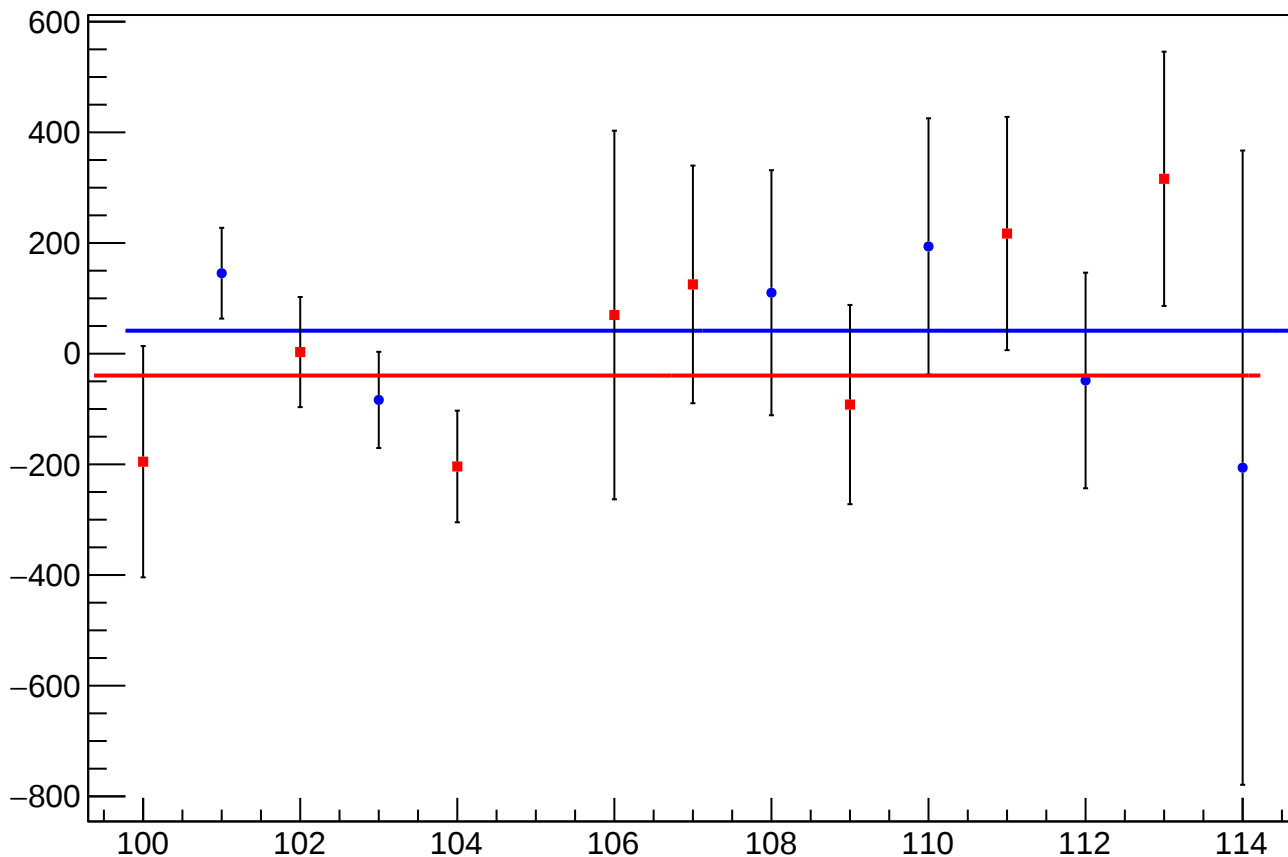
Right: 47.917+/-0.015 χ^2/NDF : 235725.3/13

In: 48.647+/-0.022 χ^2/NDF : 118808.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.917+/-0.015 χ^2/NDF : 235725.3/13

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 41.535+/-53.500 χ^2/NDF : 4.6/5

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

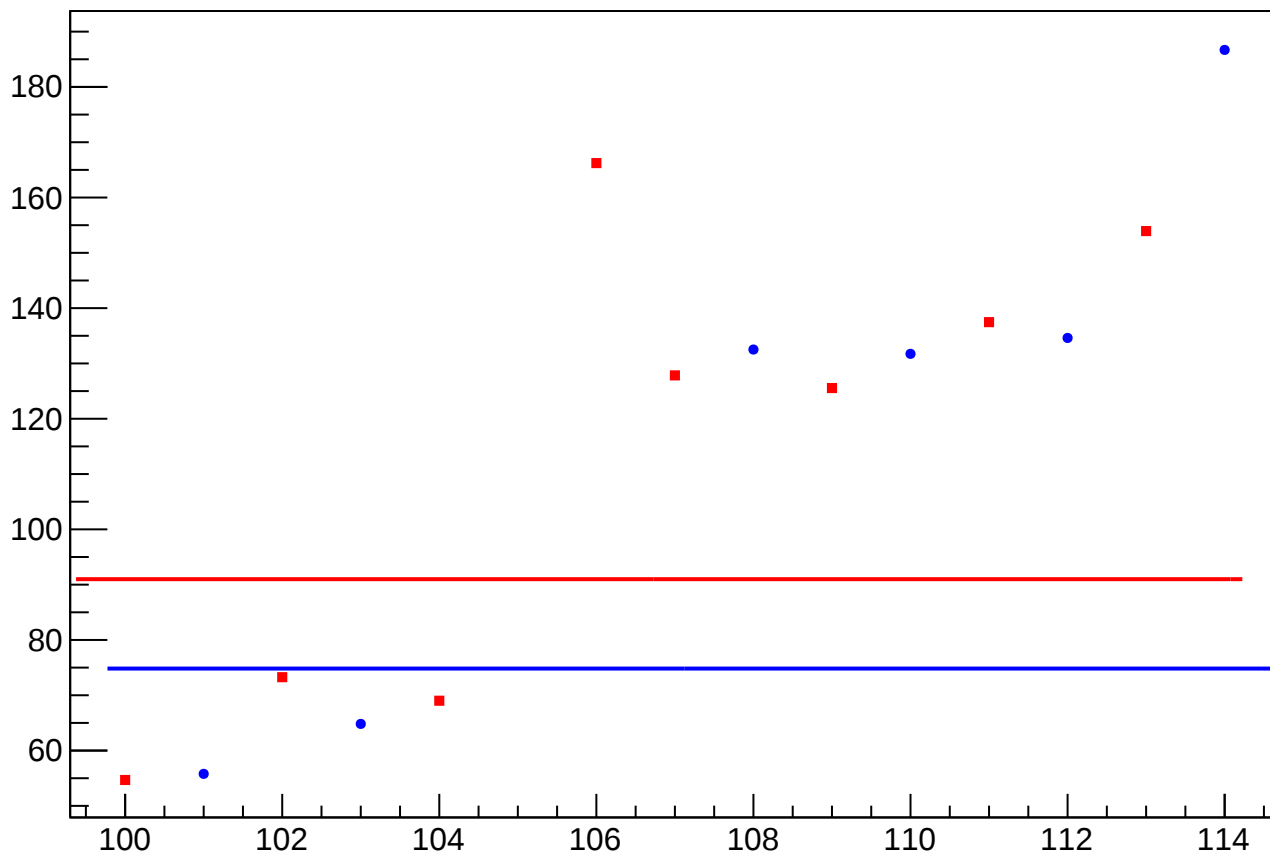
Right: 2.494+/-38.503 χ^2/NDF : 13.8/13

In: 41.535+/-53.500 χ^2/NDF : 4.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.494+/-38.503 χ^2/NDF : 13.8/13

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 74.827+/-0.038 χ^2/NDF : 655246.6/5

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

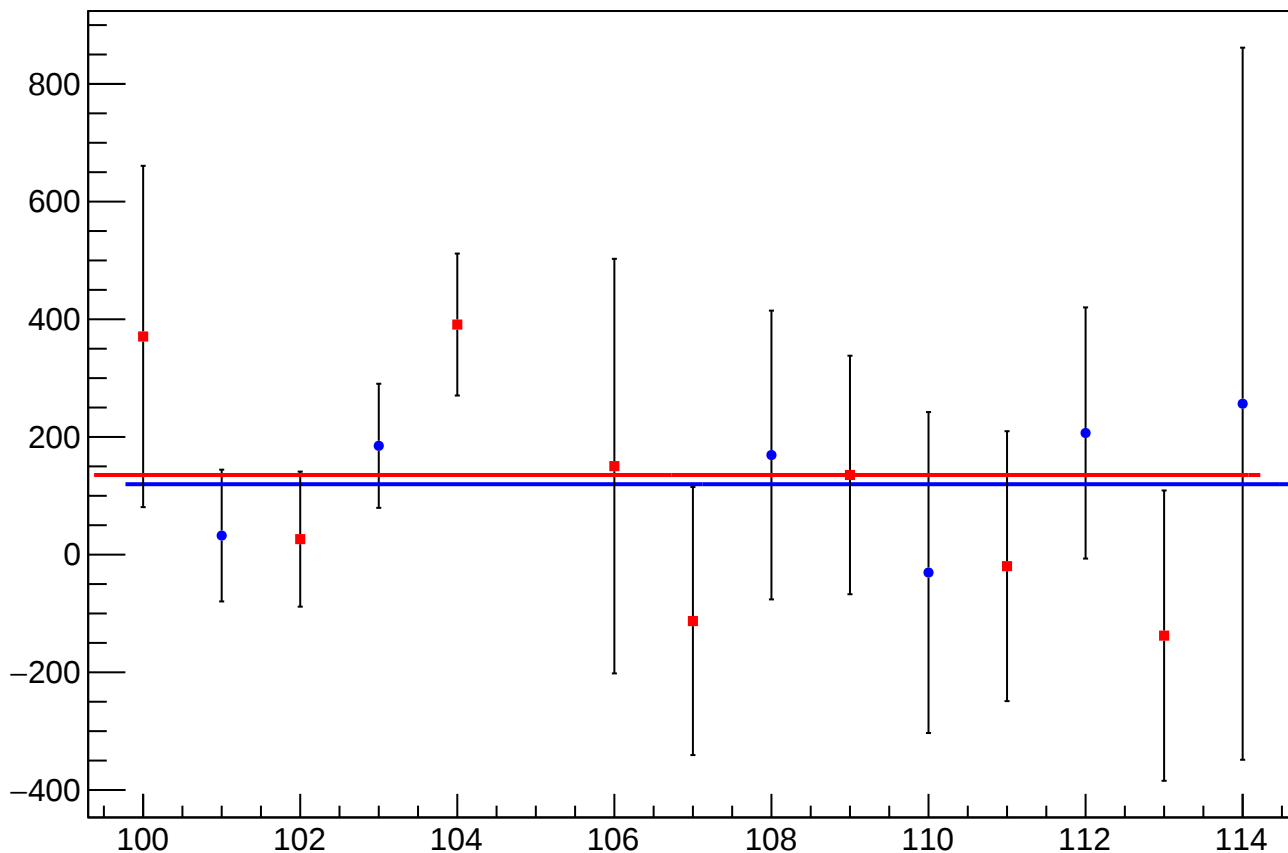
Right: 82.620+/-0.027 χ^2/NDF : 1444002.7/13

In: 74.827+/-0.038 χ^2/NDF : 655246.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.620+/-0.027 χ^2/NDF : 1444002.7/13

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 119.694 $\pm$ 66.757 χ^2 /NDF: 1.6/5

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

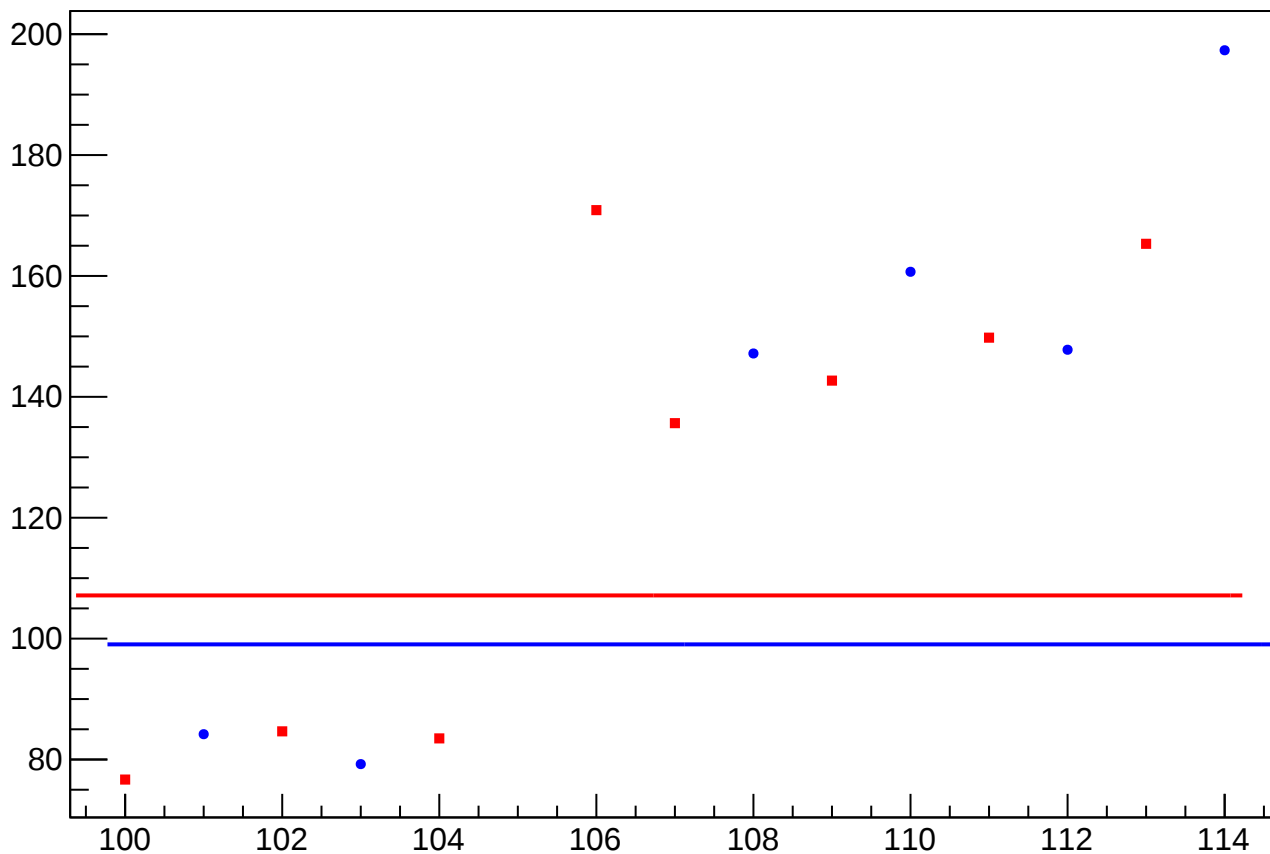
Right: 127.861 $\pm$ 46.225 χ^2 /NDF: 10.5/13

In: 119.694 $\pm$ 66.757 χ^2 /NDF: 1.6/5

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

All: 127.861 $\pm$ 46.225 χ^2 /NDF: 10.5/13

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 99.047 $\pm$ 0.047 χ^2 /NDF: 441910.6/5

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

Right Out: 107.145 $\pm$ 0.045 χ^2 /NDF: 514299.9/7

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

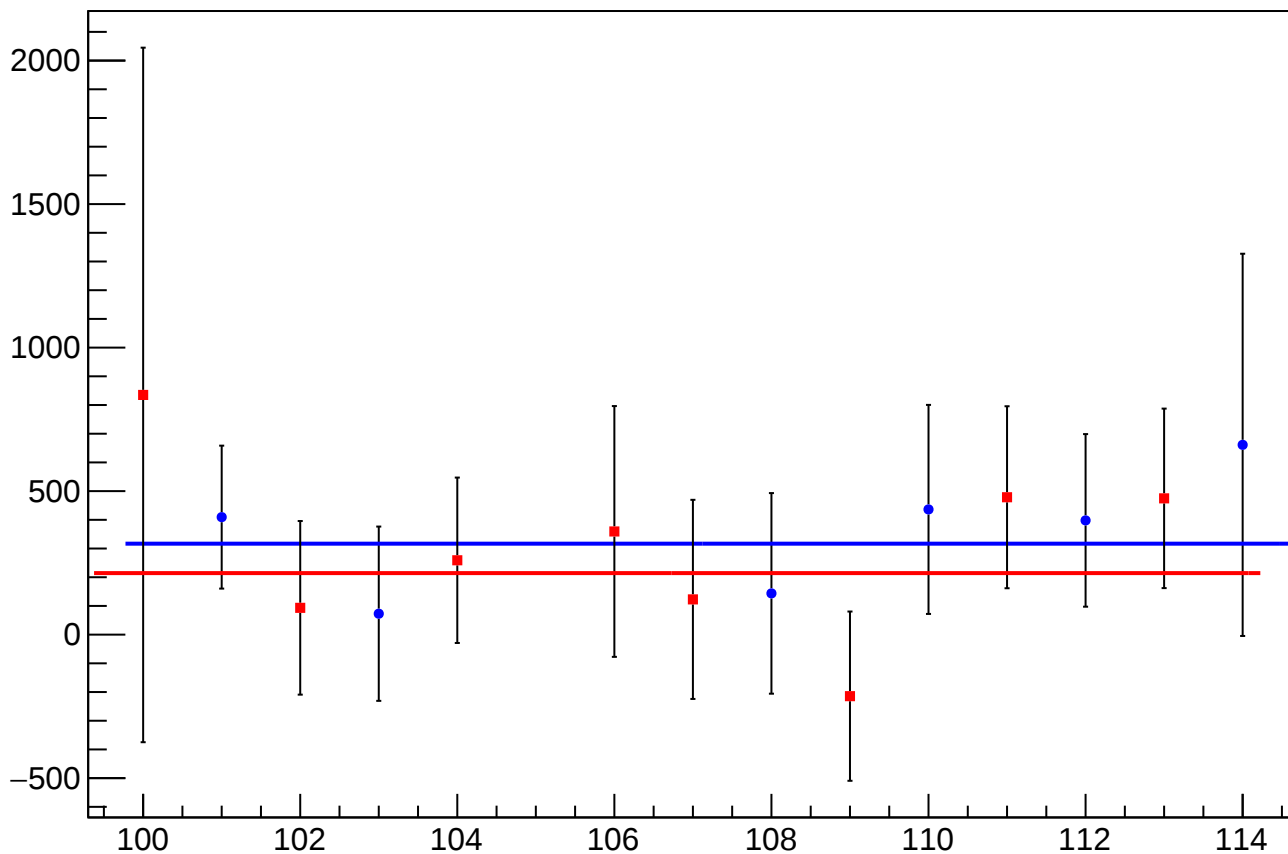
Right: 103.262 $\pm$ 0.033 χ^2 /NDF: 971531.4/13

In: 99.047 $\pm$ 0.047 χ^2 /NDF:441910.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 103.262 $\pm$ 0.033 χ^2 /NDF: 971531.4/13

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 316.898 $\pm$ 133.607 χ^2 /NDF: 1.5/5

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

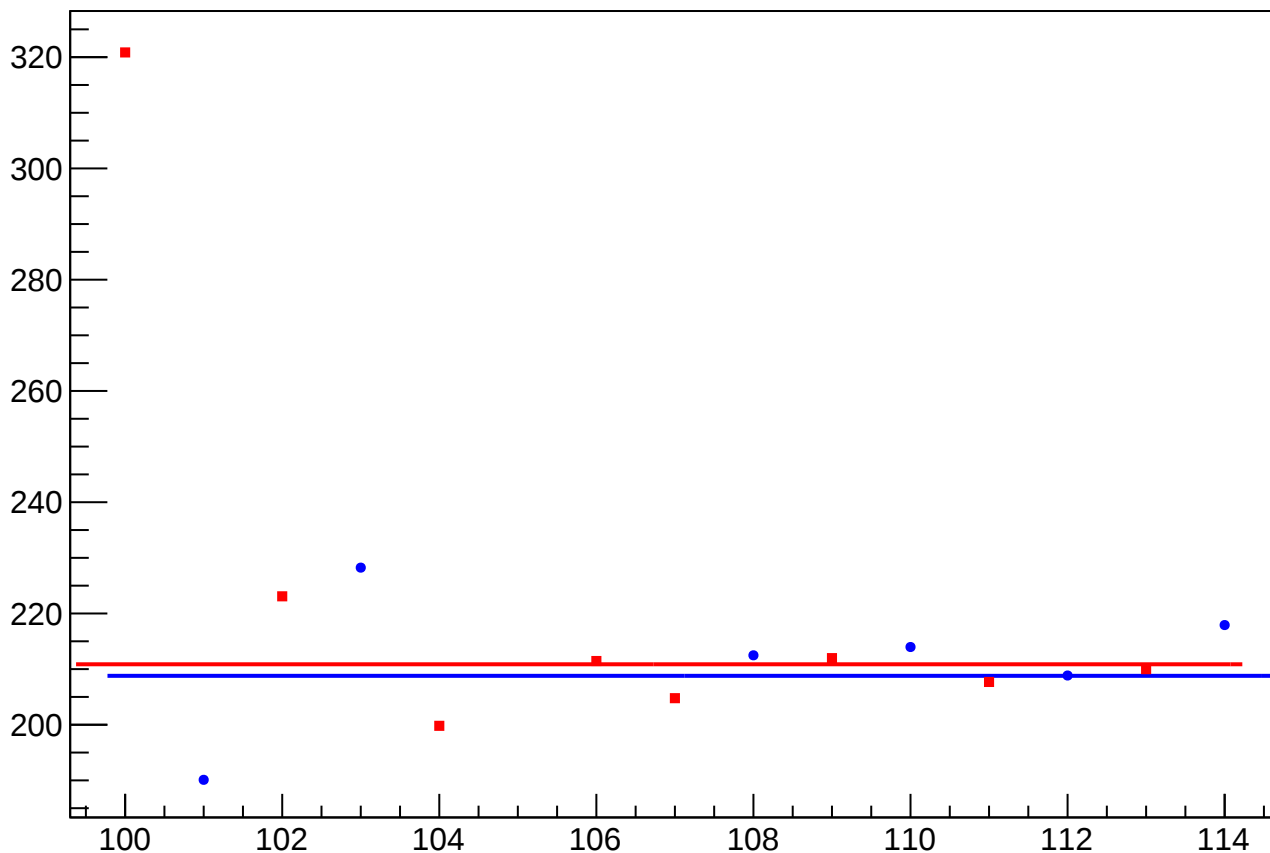
Right: 260.352 $\pm$ 89.476 χ^2 /NDF: 5.9/13

In: 316.898 $\pm$ 133.607 χ^2 /NDF: 1.5/5

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

All: 260.352 $\pm$ 89.476 χ^2 /NDF: 5.9/13

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 208.793+/-0.094 χ^2/NDF : 20477.3/5

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

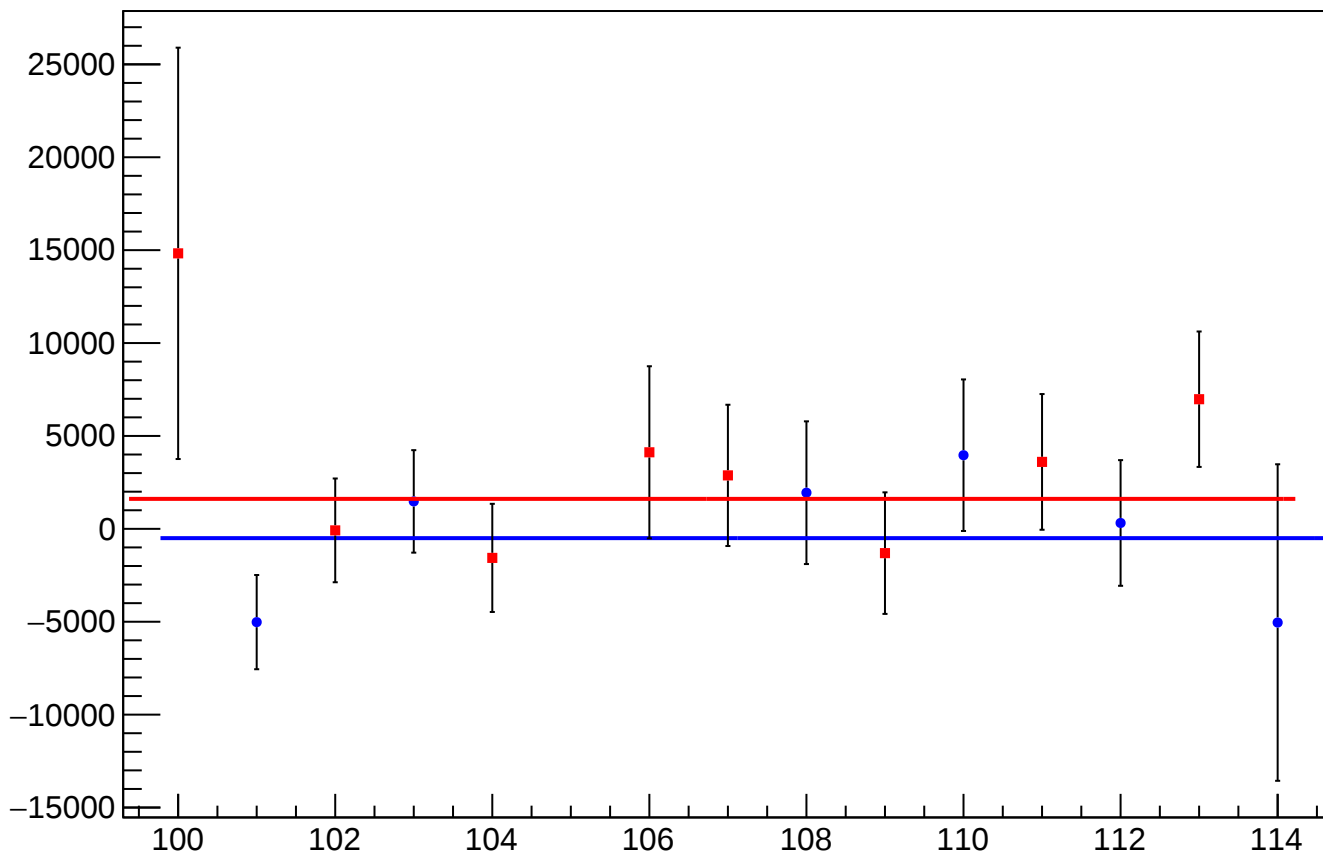
Right: 209.938+/-0.063 χ^2/NDF : 44345.8/13

In: 208.793+/-0.094 χ^2/NDF : 20477.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 209.938+/-0.063 χ^2/NDF : 44345.8/13

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -500.438+/-1392.016 χ^2/NDF : 5.6/5

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

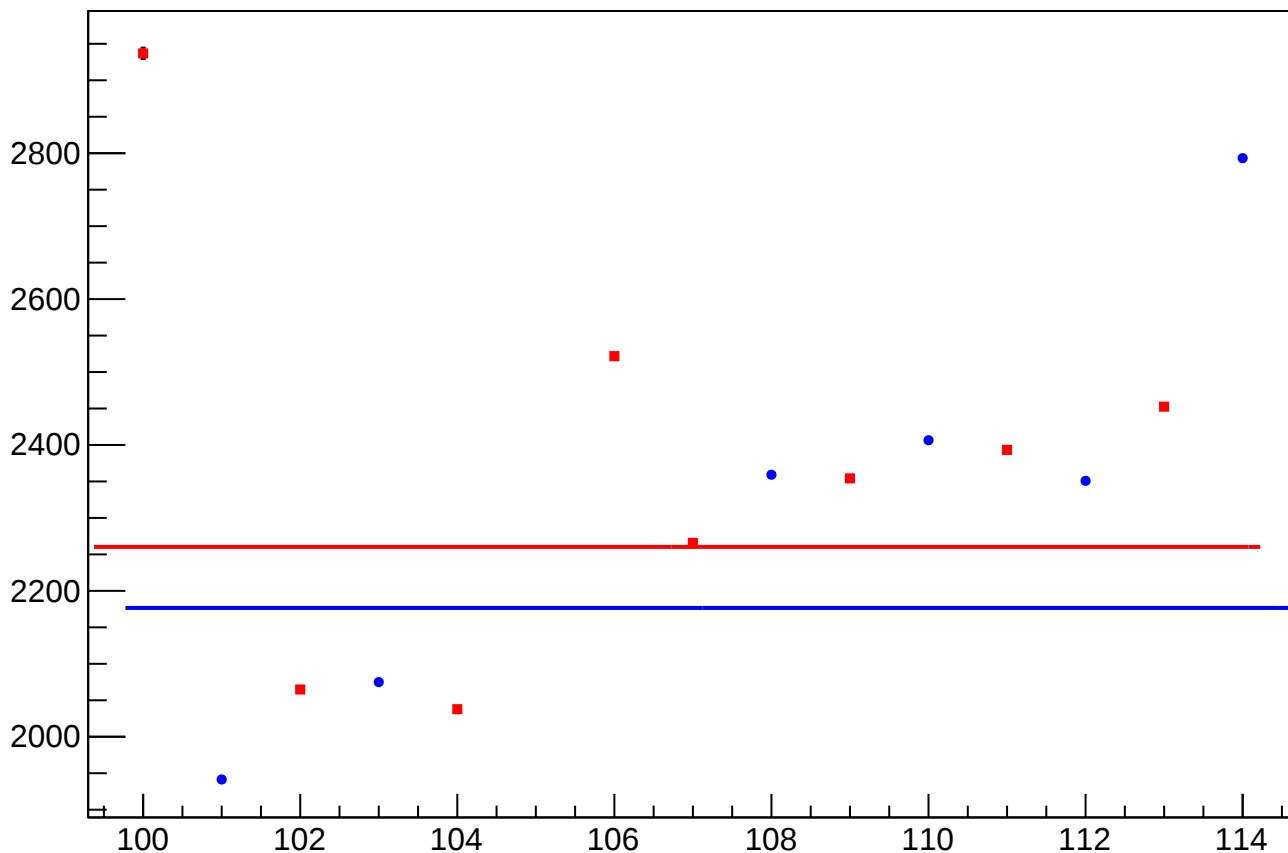
Right: 647.819+/-940.698 χ^2/NDF : 13.5/13

In: -500.438+/-1392.016 χ^2/NDF : 5.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 647.819+/-940.698 χ^2/NDF : 13.5/13

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 2176.587 $\pm$ 0.984 χ^2 /NDF: 46590.7/5

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

Right Out: 2260.263 $\pm$ 0.902 χ^2 /NDF: 45211.3/7

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

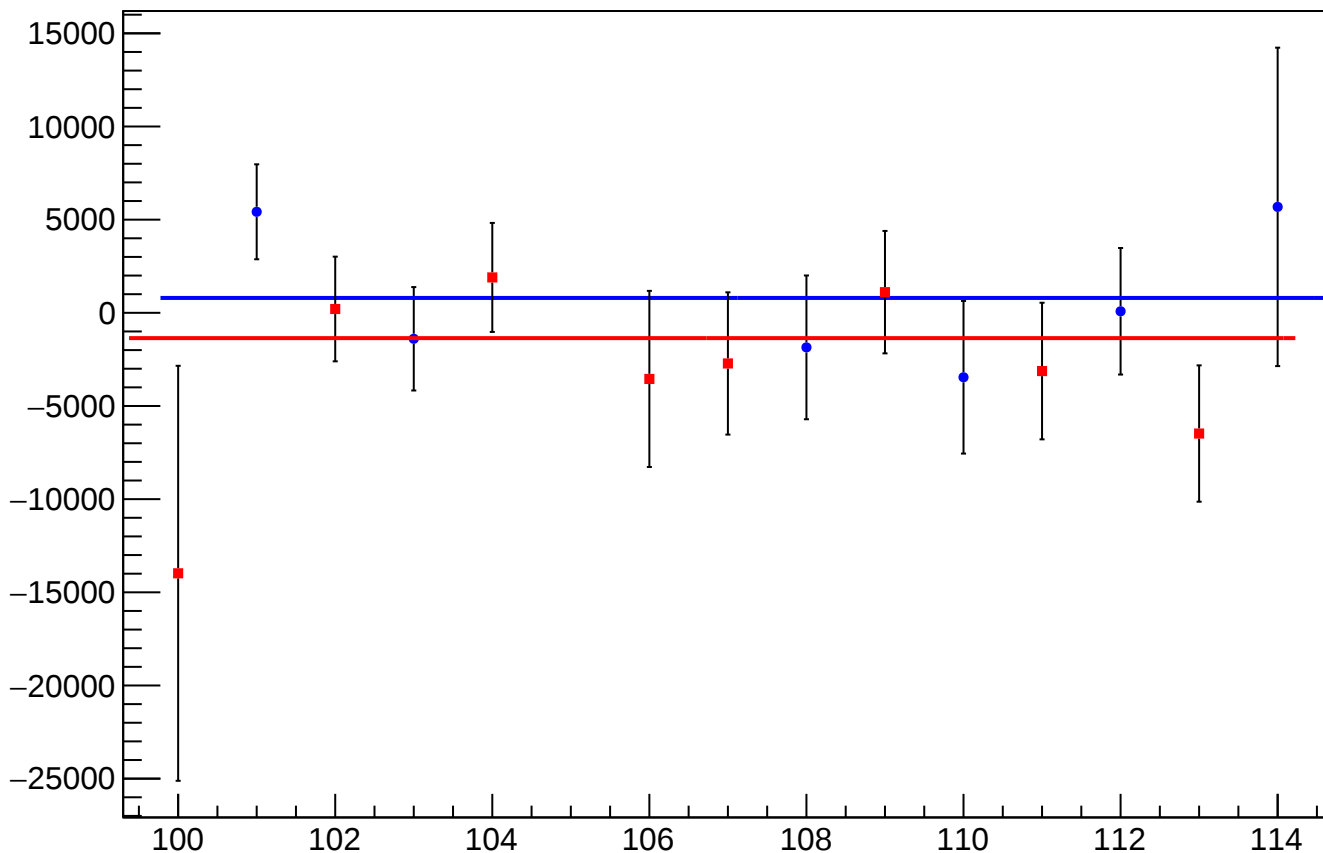
Right: 2222.050 $\pm$ 0.665 χ^2 /NDF: 95728.4/13

In: 2176.587 $\pm$ 0.984 χ^2 /NDF:46590.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2222.050 $\pm$ 0.665 χ^2 /NDF: 95728.4/13

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 799.175+/-1398.835 χ^2/NDF : 5.8/5

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

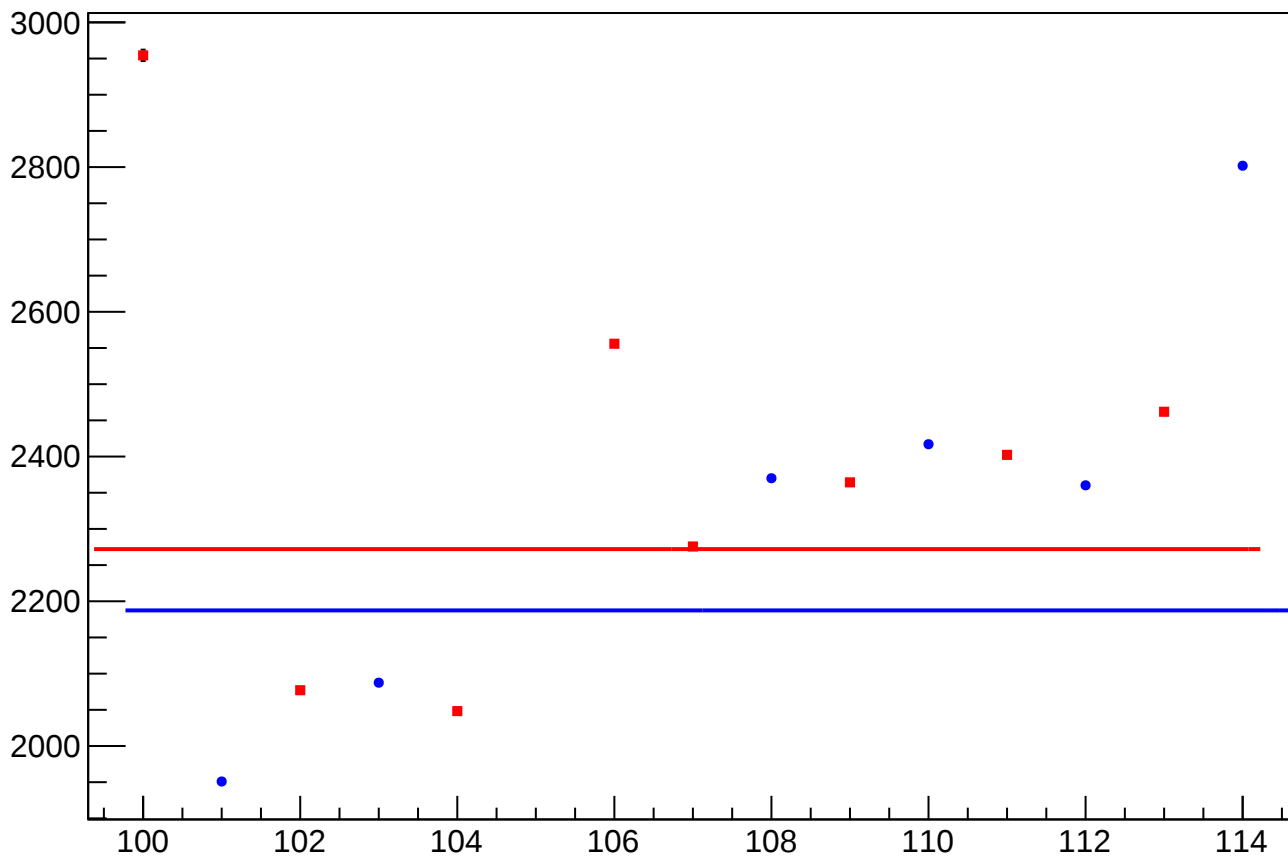
Right: -371.558+/-945.828 χ^2/NDF : 13.1/13

In: 799.175+/-1398.835 χ^2/NDF : 5.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -371.558+/-945.828 χ^2/NDF : 13.1/13

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 2187.367+/-0.989 χ^2/NDF : 46101.9/5

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

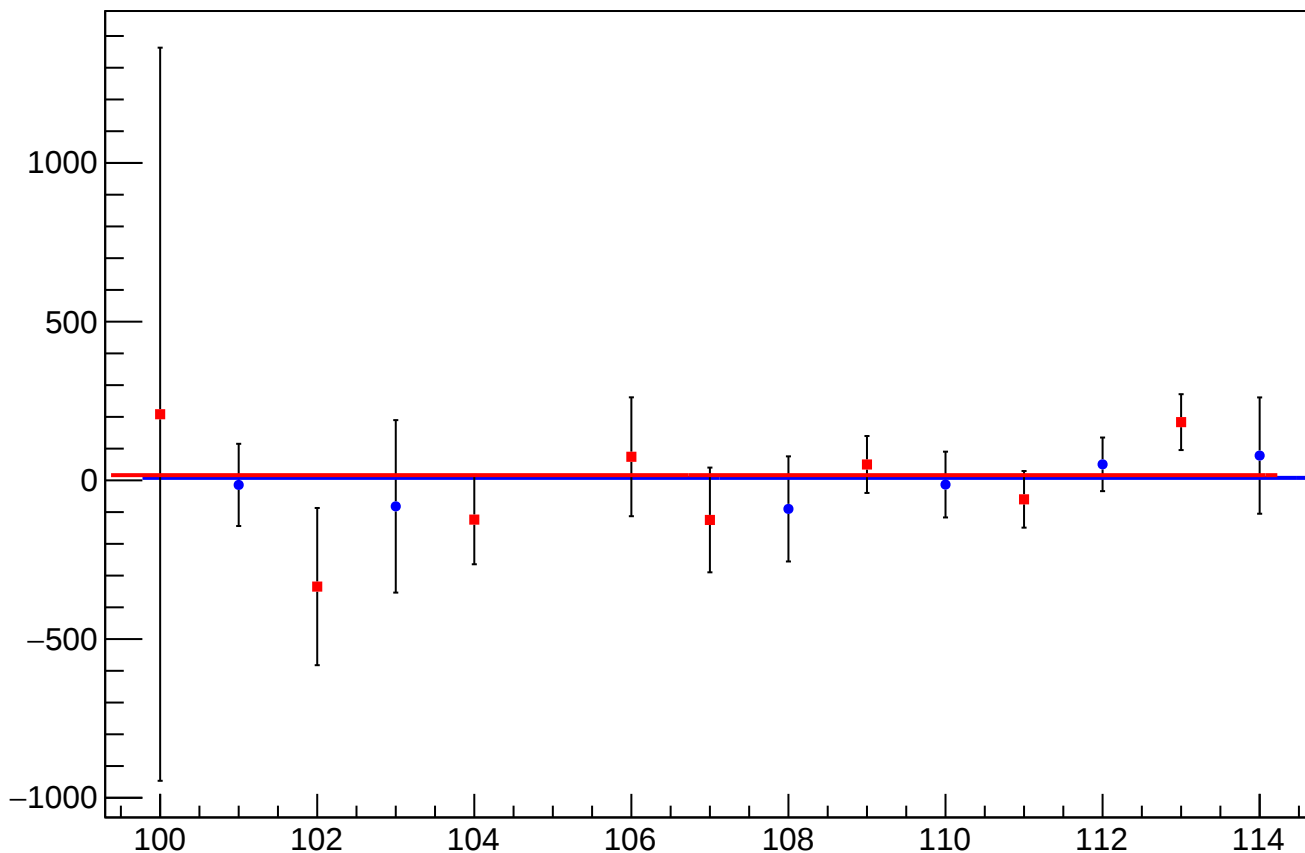
Right: 2233.363+/-0.669 χ^2/NDF : 95641.8/13

In: 2187.367+/-0.989 χ^2/NDF : 46101.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2233.363+/-0.669 χ^2/NDF : 95641.8/13

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 7.862+/-51.800 χ^2/NDF : 0.9/5

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

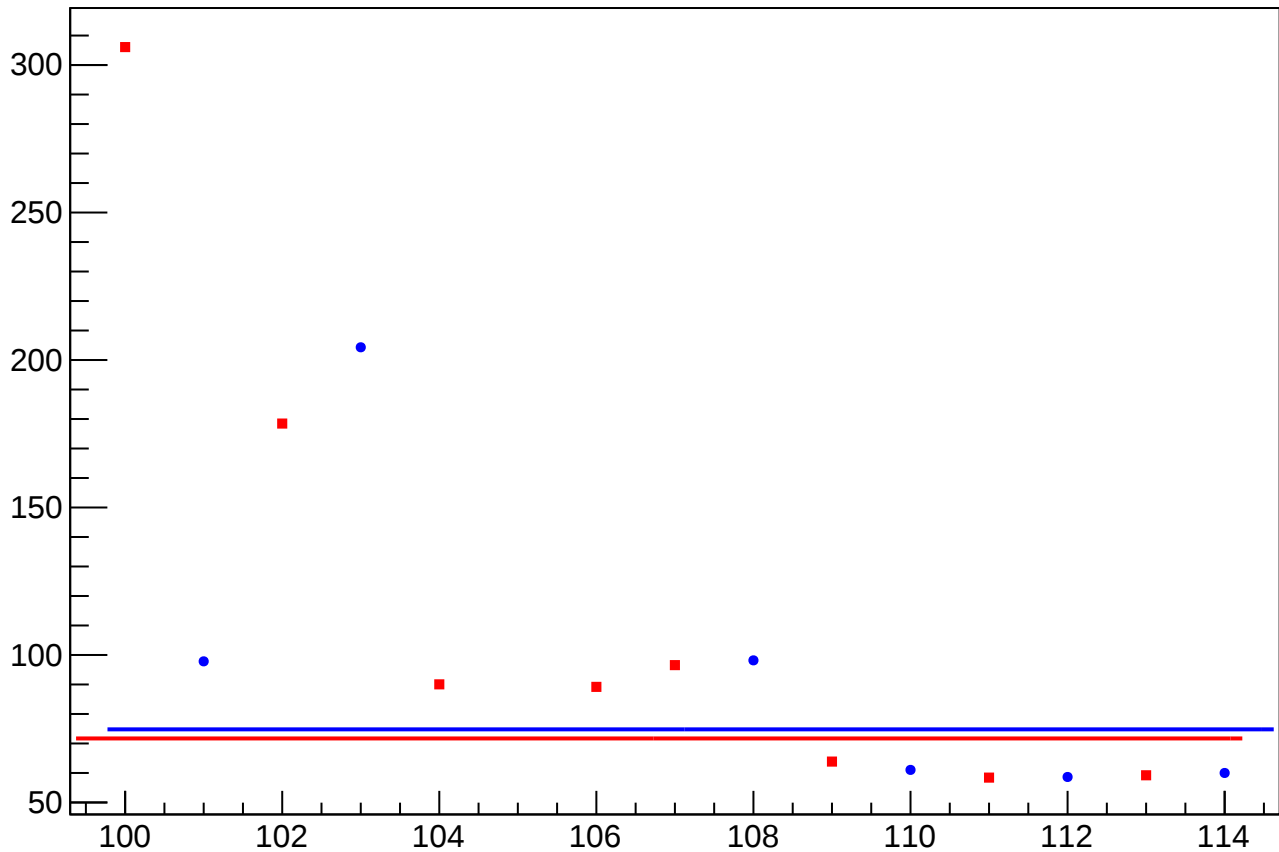
Right: 12.810+/-33.624 χ^2/NDF : 9.3/13

In: 7.862+/-51.800 χ^2/NDF : 0.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.810+/-33.624 χ^2/NDF : 9.3/13

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 74.786 $\pm$ 0.037 χ^2 /NDF: 679044.4/5

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

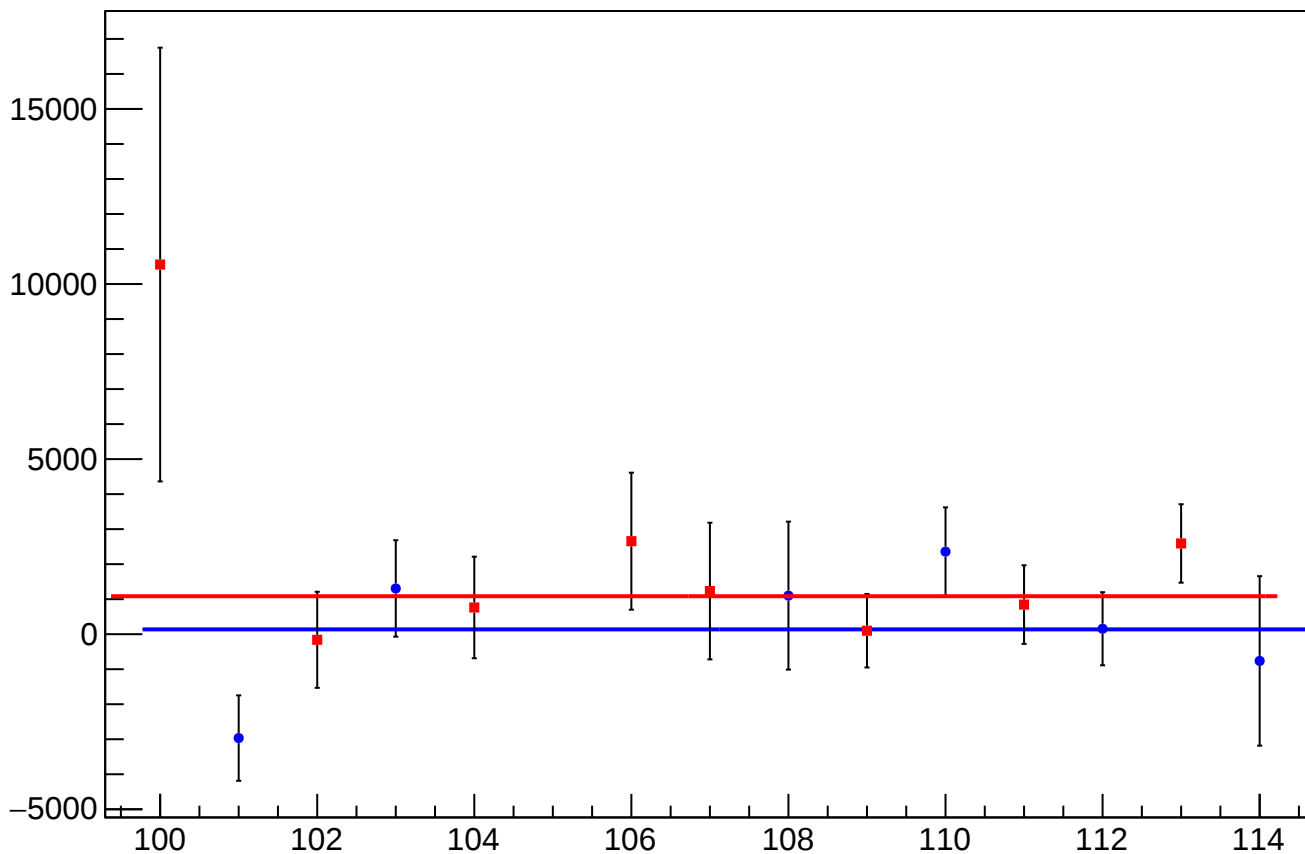
Right: 73.002 $\pm$ 0.024 χ^2 /NDF: 1333866.1/13

In: 74.786 $\pm$ 0.037 χ^2 /NDF:679044.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 73.002 $\pm$ 0.024 χ^2 /NDF: 1333866.1/13

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: 137.124+/-564.561 χ^2/NDF : 10.6/5

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

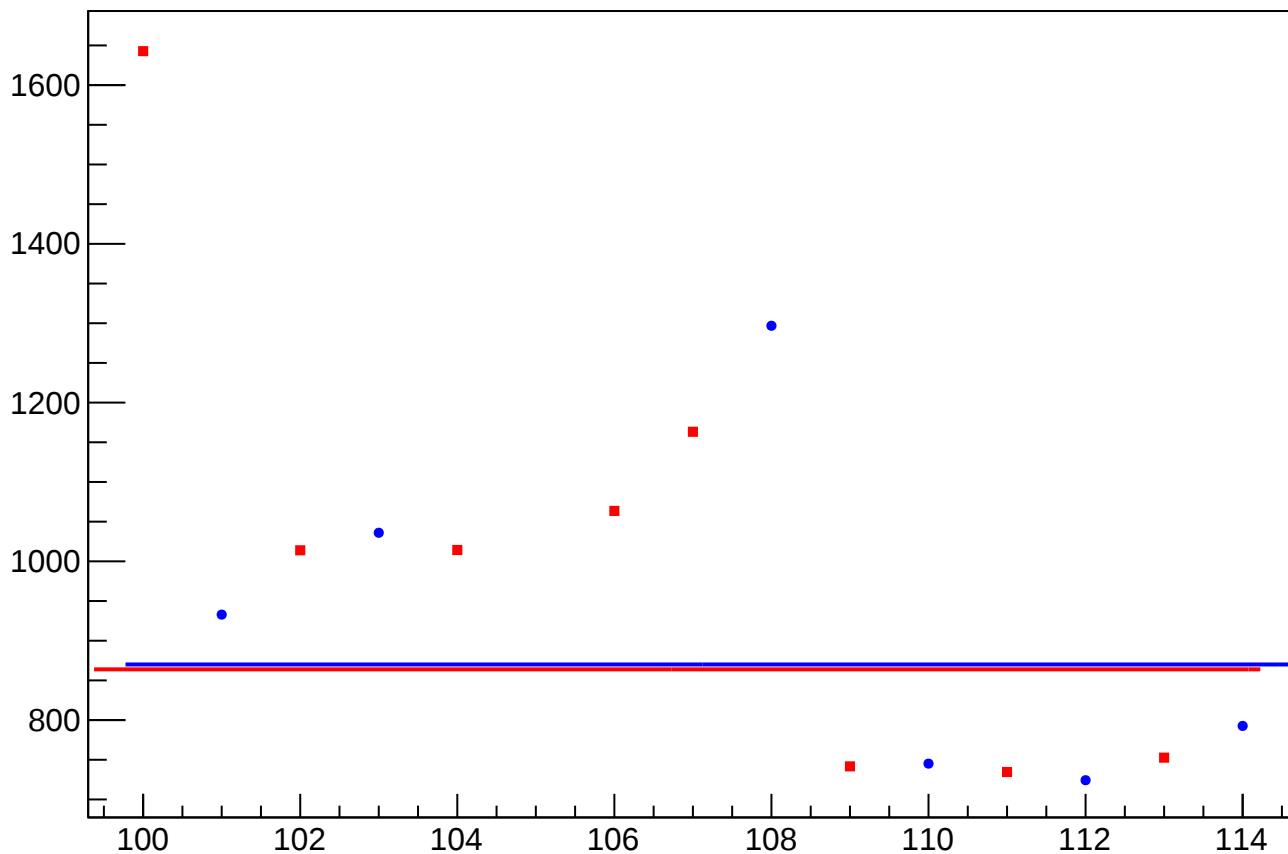
Right: 671.205+/-372.864 χ^2/NDF : 18.8/13

In: 137.124+/-564.561 χ^2/NDF : 10.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 671.205+/-372.864 χ^2/NDF : 18.8/13

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 870.059+/-0.399 χ^2/NDF : 176525.5/5

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

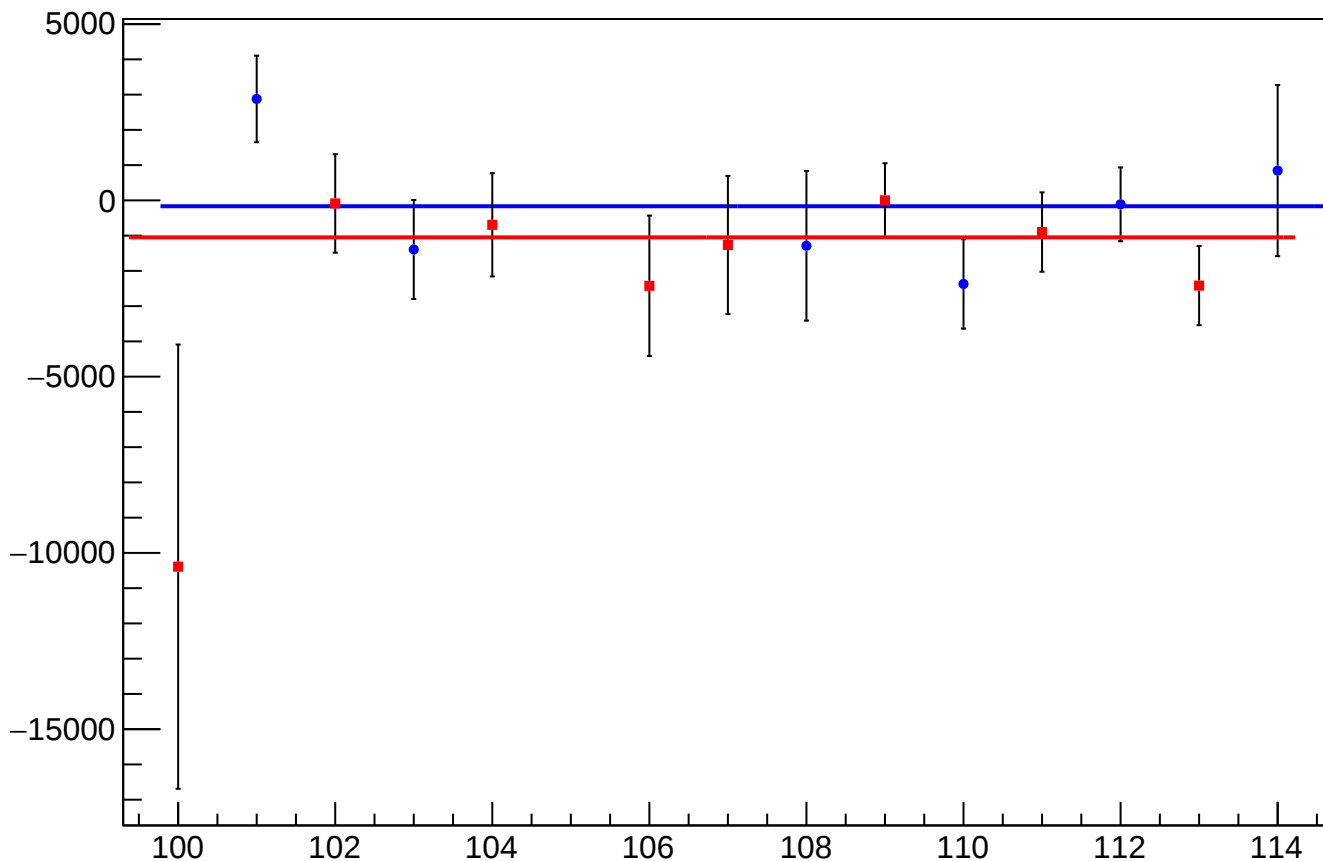
Right: 866.590+/-0.264 χ^2/NDF : 394968.4/13

In: 870.059+/-0.399 χ^2/NDF : 176525.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 866.590+/-0.264 χ^2/NDF : 394968.4/13

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -166.404+/-568.351 χ^2/NDF : 10.4/5

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

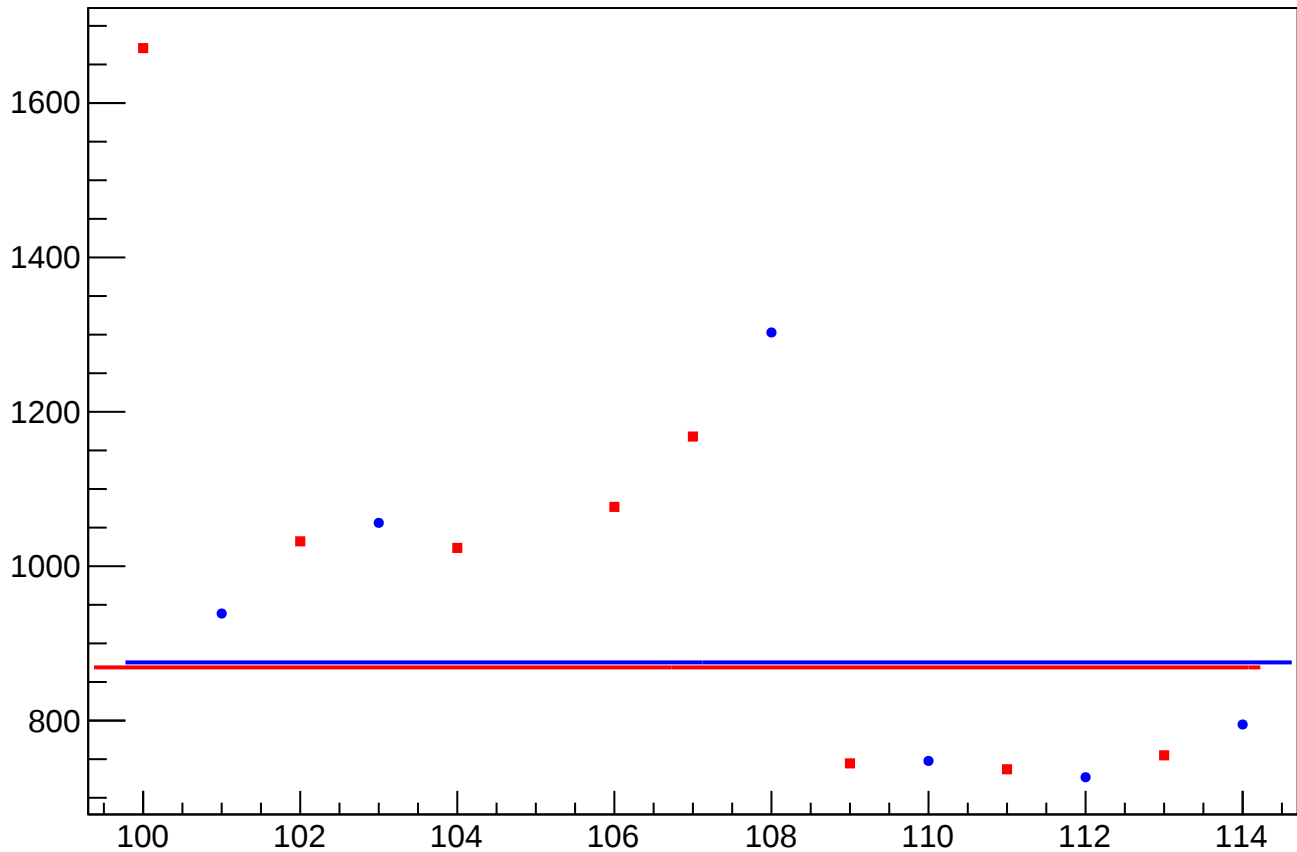
Right: -663.753+/-375.452 χ^2/NDF : 17.4/13

In: -166.404+/-568.351 χ^2/NDF :10.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -663.753+/-375.452 χ^2/NDF : 17.4/13

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 875.365+/-0.402 χ^2/NDF : 182359.7/5

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

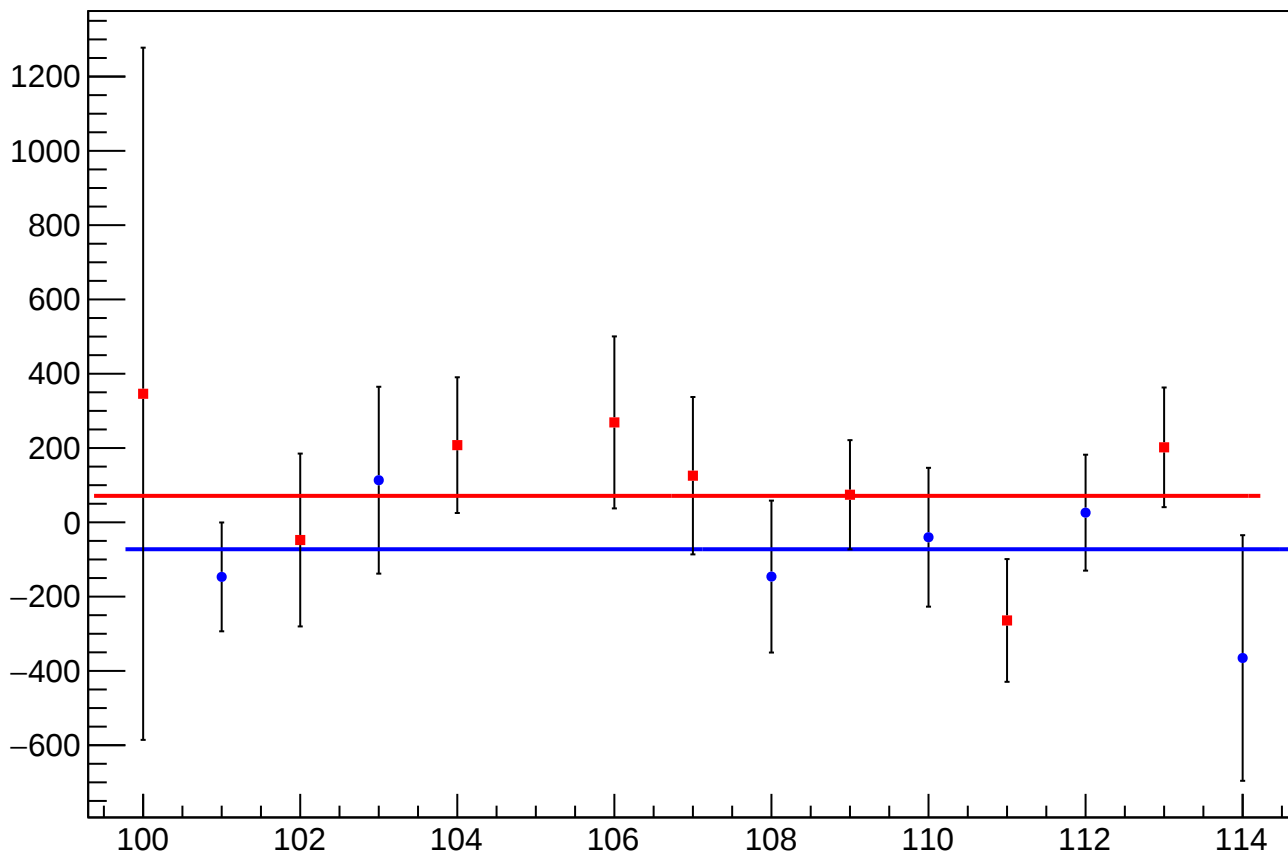
Right: 871.735+/-0.265 χ^2/NDF : 408879.0/13

In: 875.365+/-0.402 χ^2/NDF : 182359.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 871.735+/-0.265 χ^2/NDF : 408879.0/13

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -72.466+/-77.810 χ^2/NDF : 2.1/5

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

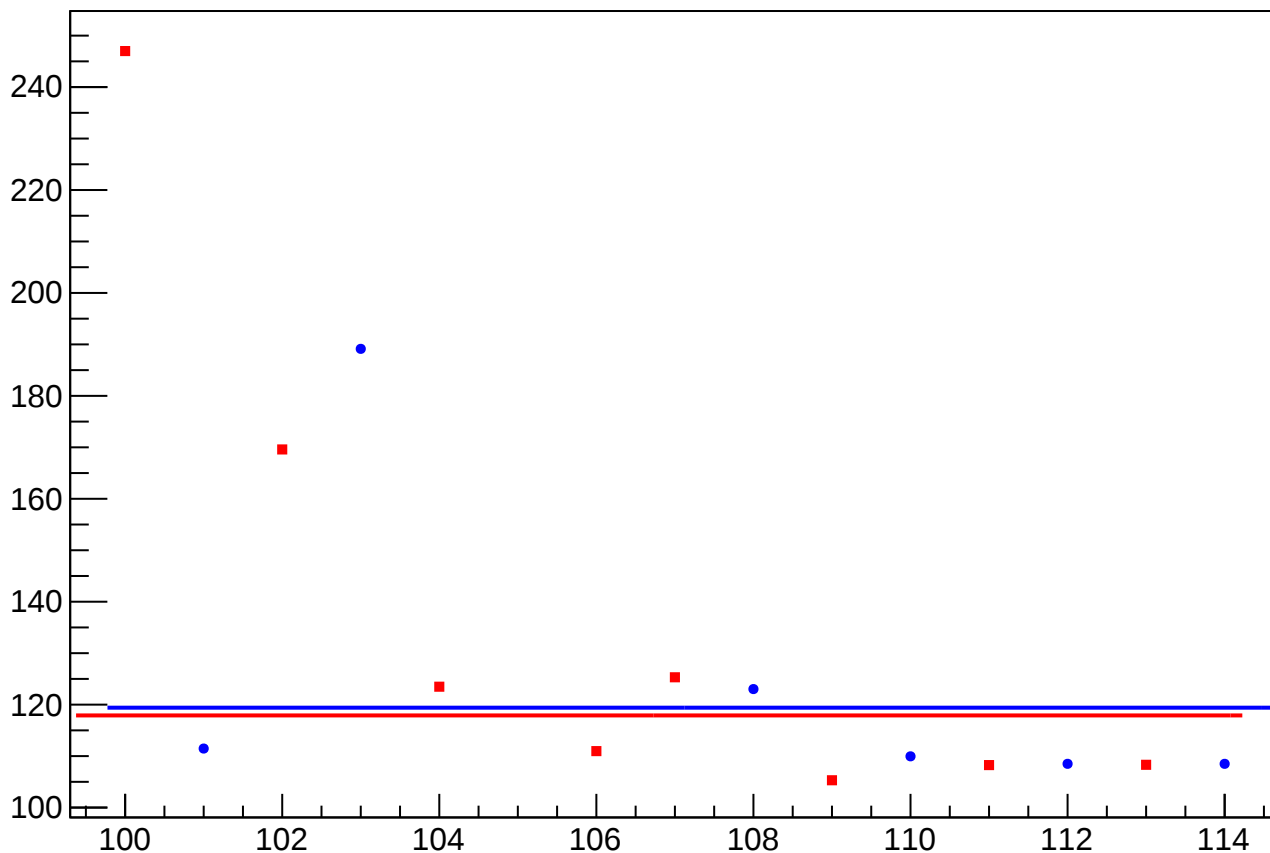
Right: 8.317+/-51.491 χ^2/NDF : 10.5/13

In: -72.466+/-77.810 χ^2/NDF : 2.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.317+/-51.491 χ^2/NDF : 10.5/13

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 119.409+/-0.055 χ^2/NDF : 177257.6/5

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

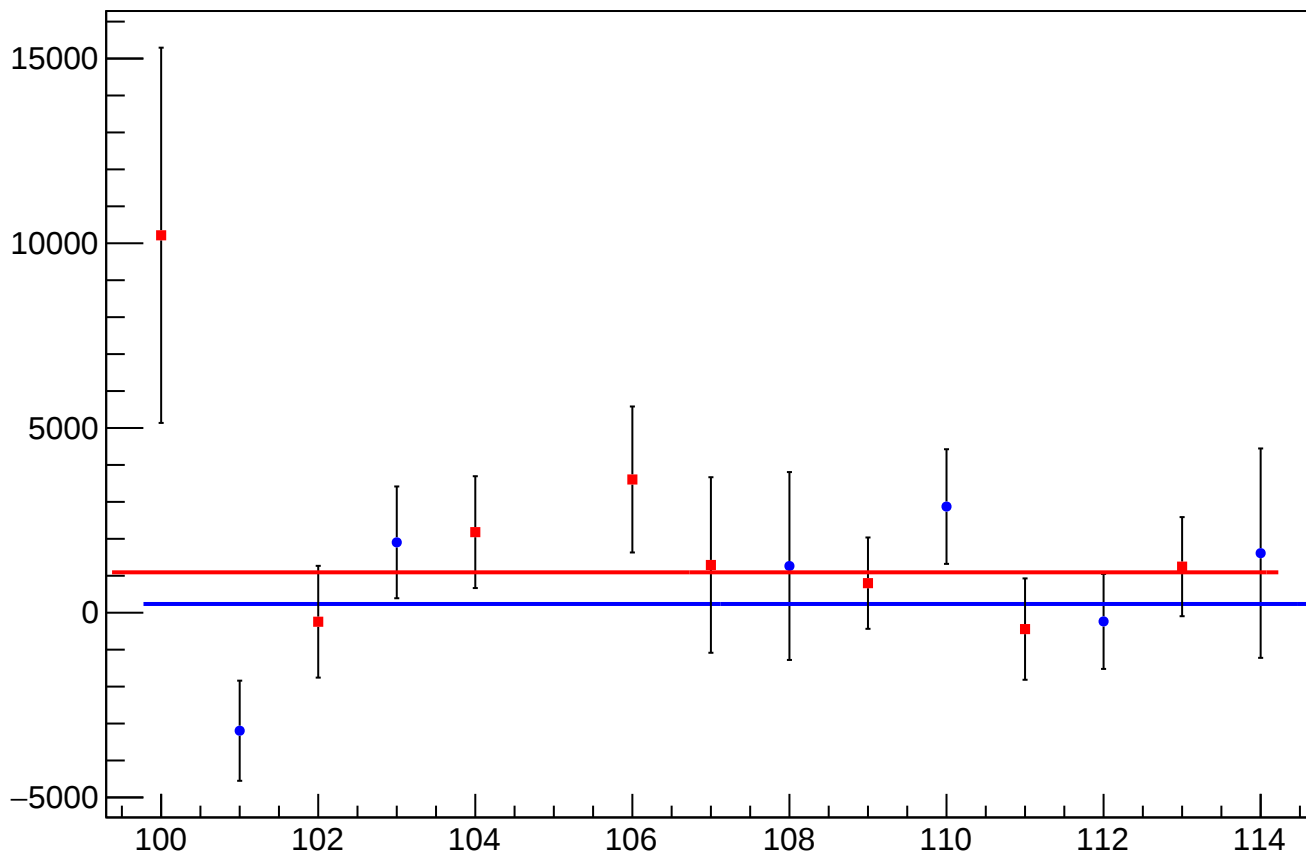
Right: 118.563+/-0.036 χ^2/NDF : 349501.8/13

In: 119.409+/-0.055 χ^2/NDF : 177257.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.563+/-0.036 χ^2/NDF : 349501.8/13

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: 236.434+/-662.131 χ^2/NDF : 11.0/5

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

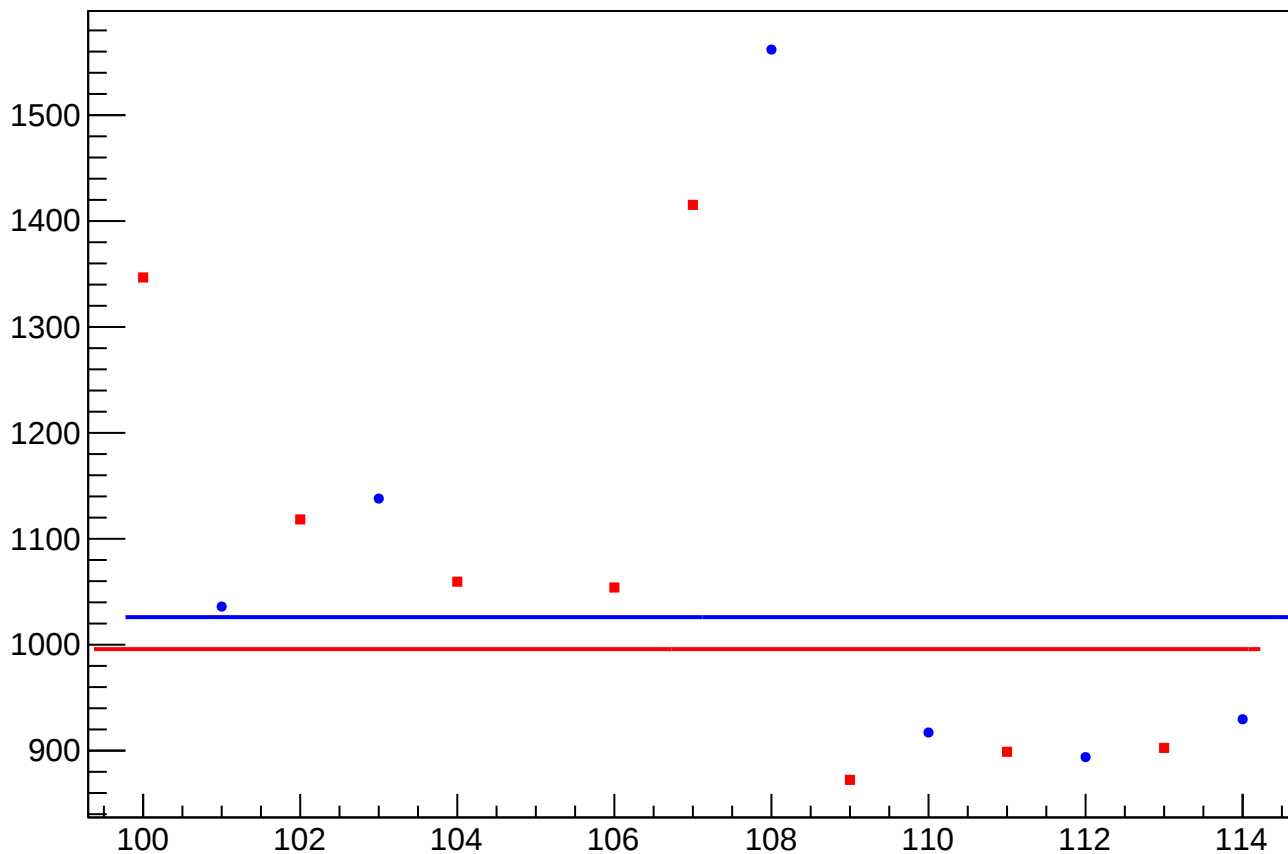
Right: 729.116+/-431.622 χ^2/NDF : 19.5/13

In: 236.434+/-662.131 χ^2/NDF : 11.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 729.116+/-431.622 χ^2/NDF : 19.5/13

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1026.051+/-0.468 χ^2/NDF : 133189.9/5

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

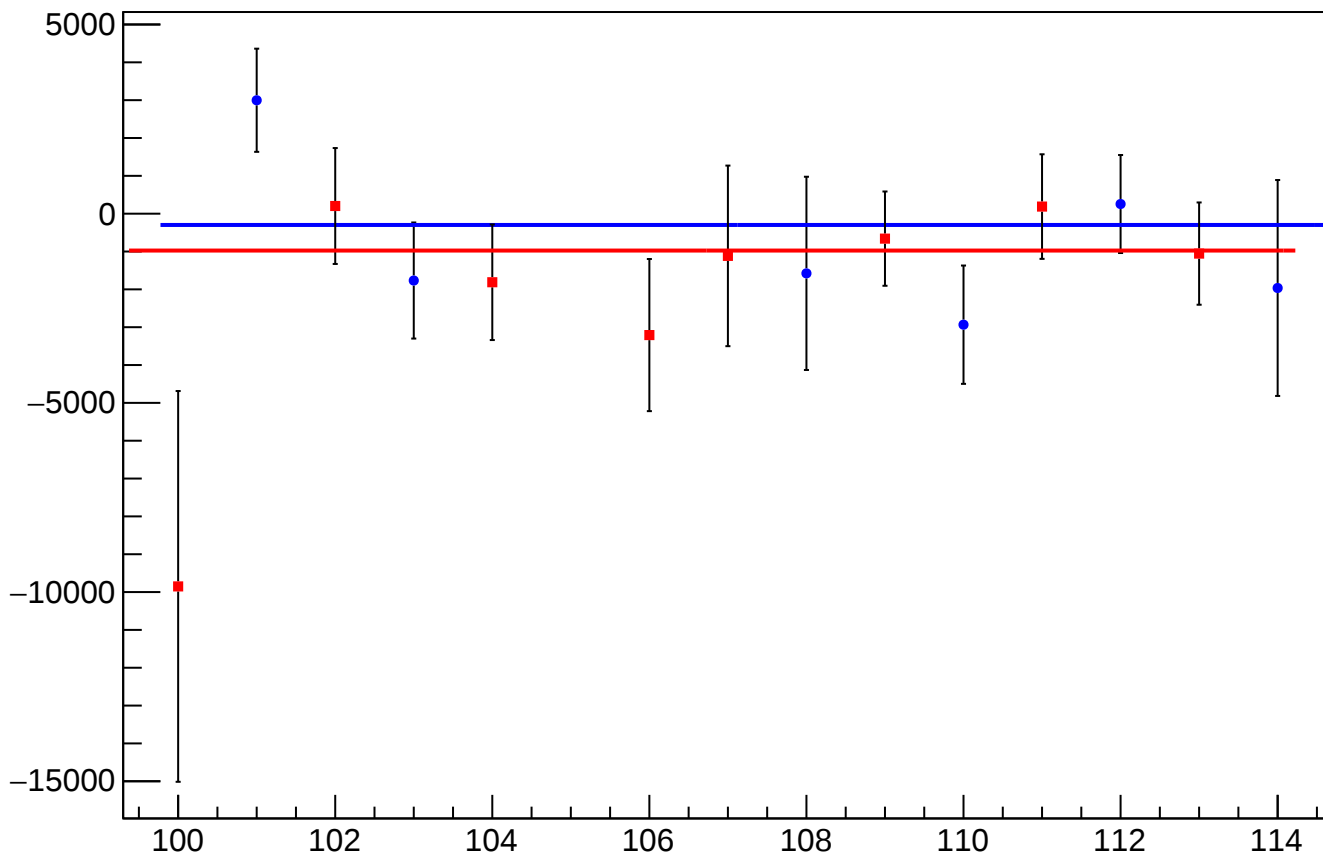
Right: 1008.679+/-0.305 χ^2/NDF : 265429.6/13

In: 1026.051+/-0.468 χ^2/NDF : 133189.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1008.679+/-0.305 χ^2/NDF : 265429.6/13

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -298.044+/-667.470 χ^2/NDF : 10.4/5

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

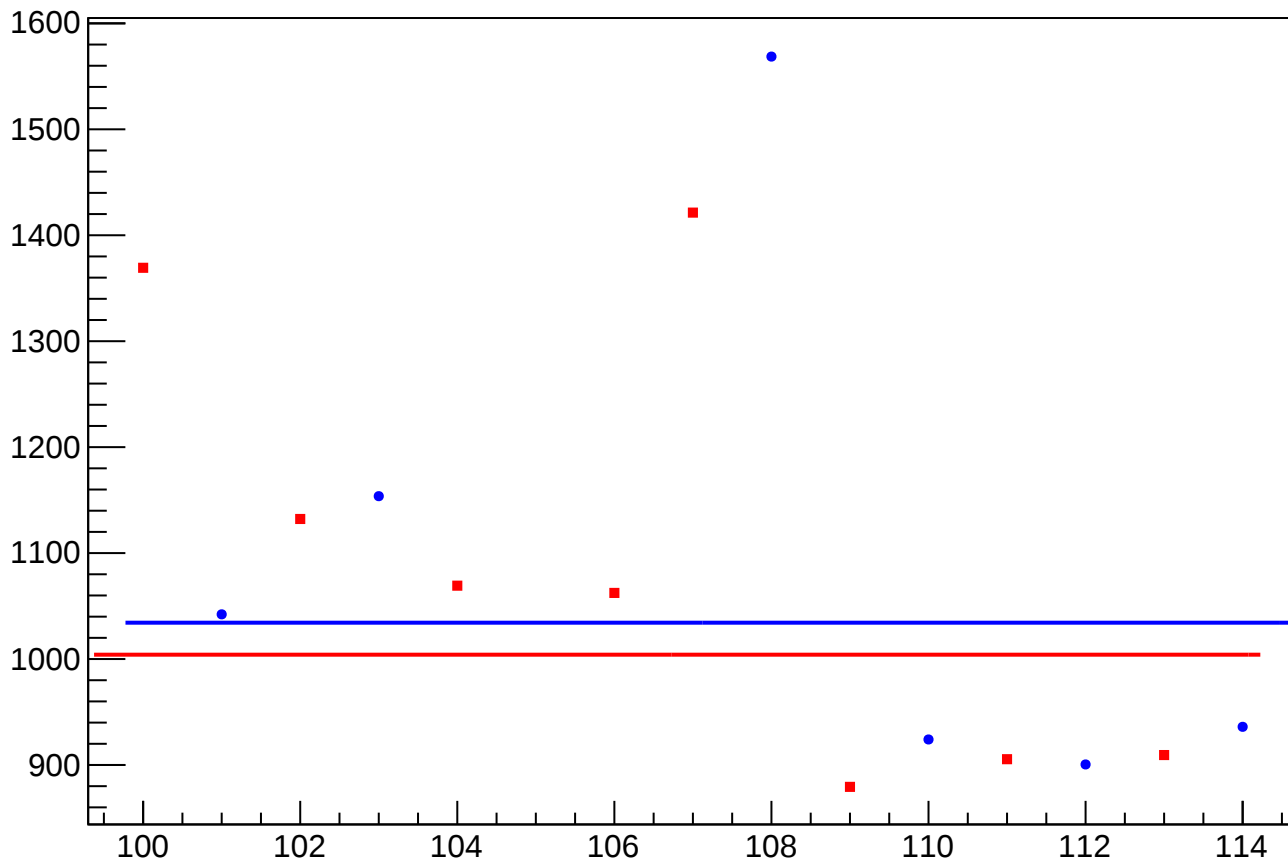
Right: -686.606+/-435.385 χ^2/NDF : 16.8/13

In: -298.044+/-667.470 χ^2/NDF : 10.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -686.606+/-435.385 χ^2/NDF : 16.8/13

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1034.306+/-0.472 χ^2/NDF : 133427.4/5

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

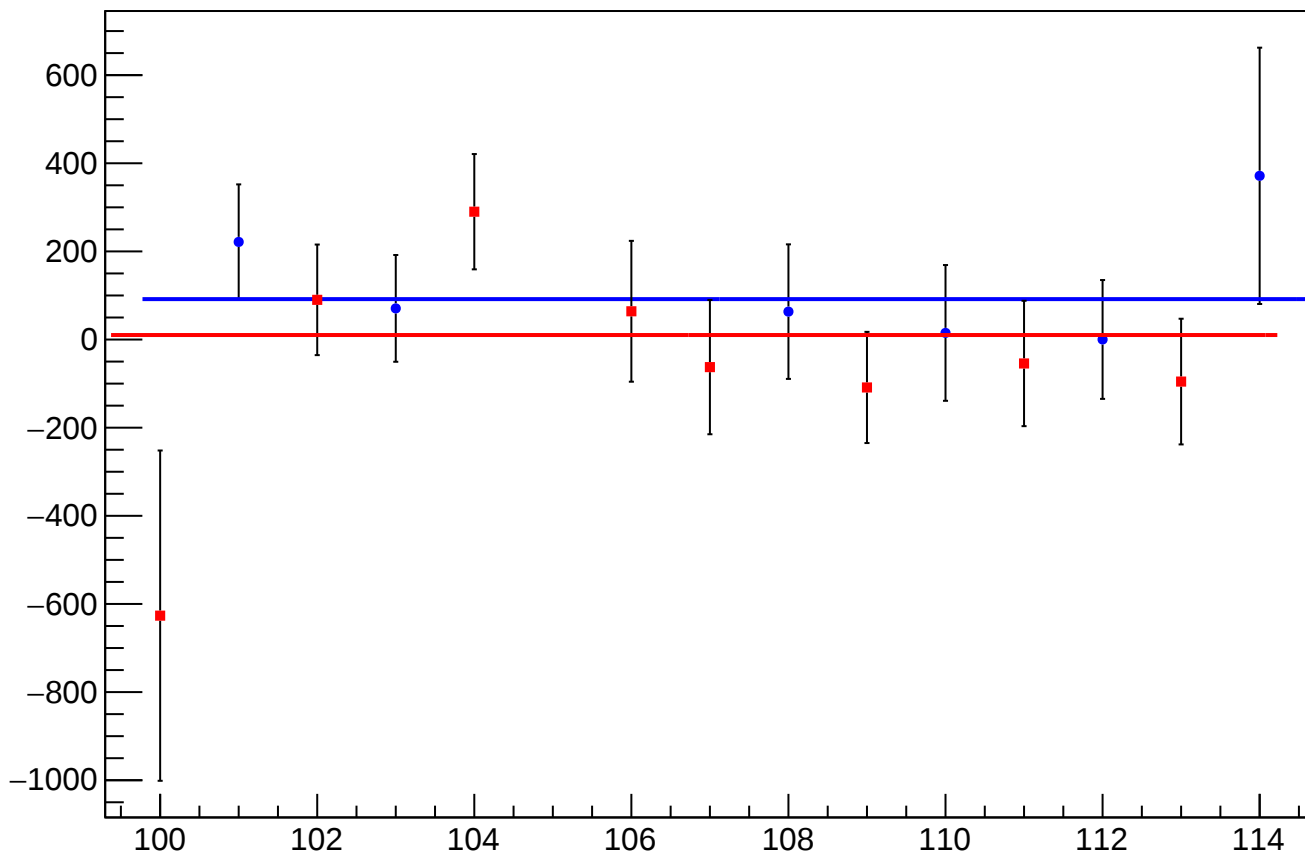
Right: 1016.955+/-0.308 χ^2/NDF : 266317.2/13

In: 1034.306+/-0.472 χ^2/NDF : 133427.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1016.955+/-0.308 χ^2/NDF : 266317.2/13

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 91.731+/-59.905 χ^2/NDF : 2.7/5

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

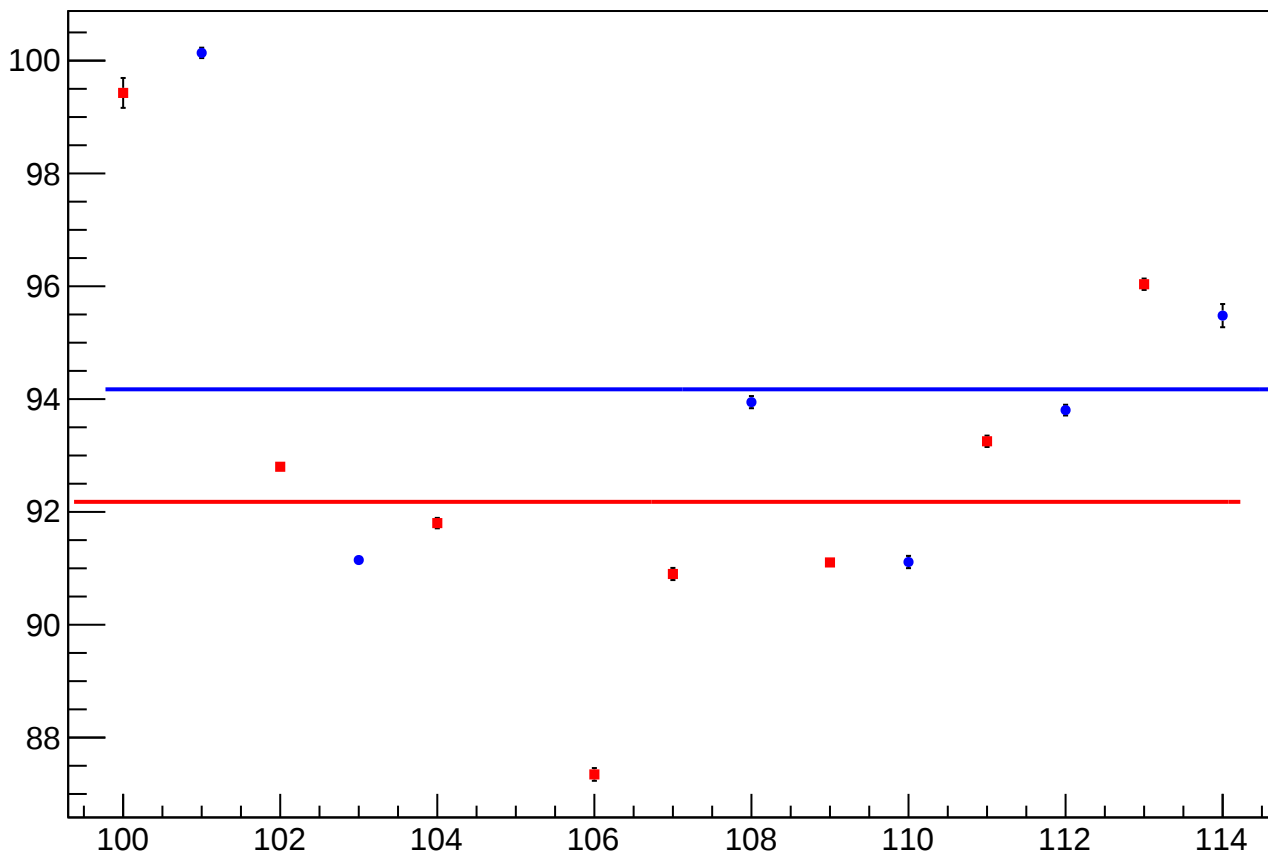
Right: 45.104+/-39.180 χ^2/NDF : 13.6/13

In: 91.731+/-59.905 χ^2/NDF : 2.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.104+/-39.180 χ^2/NDF : 13.6/13

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 94.173+/-0.042 χ^2/NDF : 6269.9/5

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

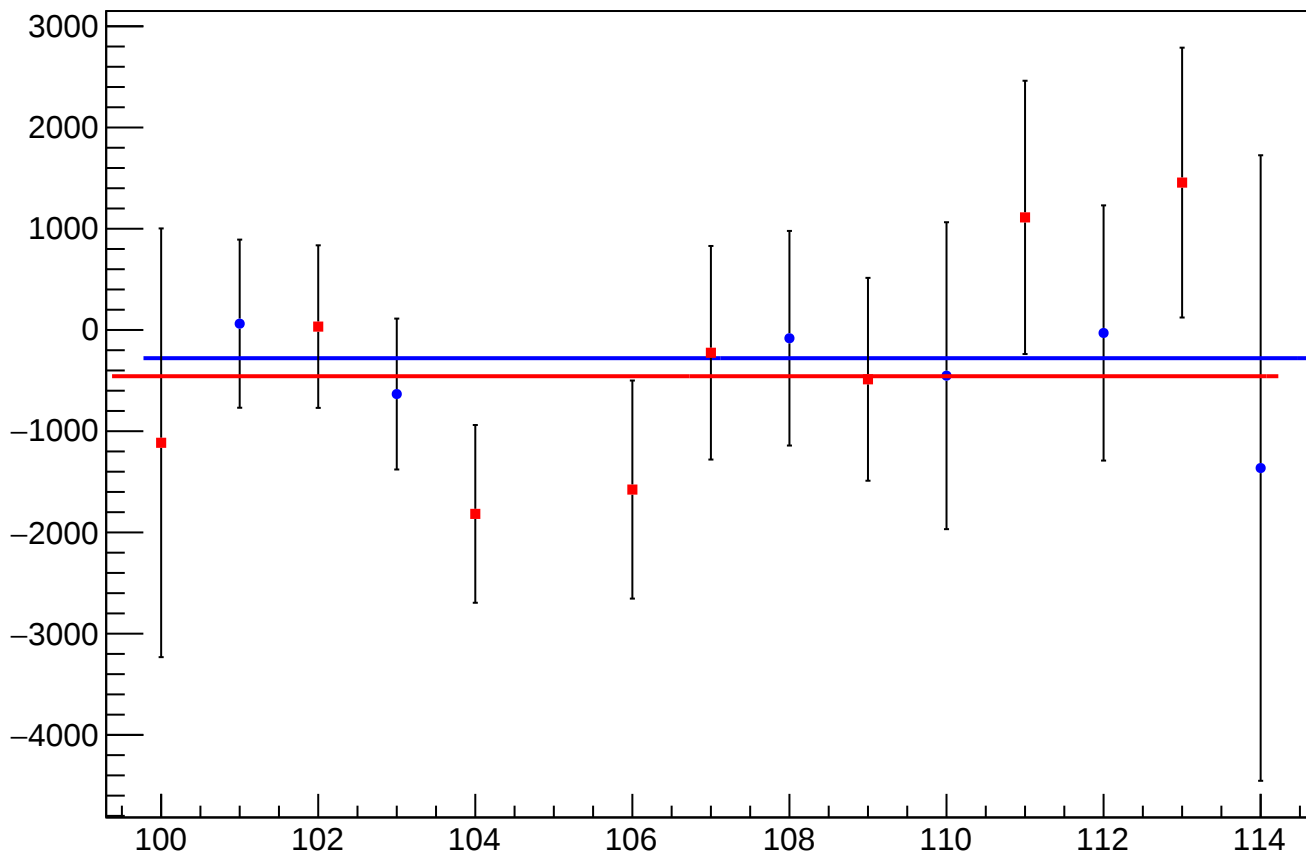
Right: 93.032+/-0.028 χ^2/NDF : 12044.8/13

In: 94.173+/-0.042 χ^2/NDF : 6269.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.032+/-0.028 χ^2/NDF : 12044.8/13

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -278.739+/-433.981 χ^2/NDF : 0.6/5

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

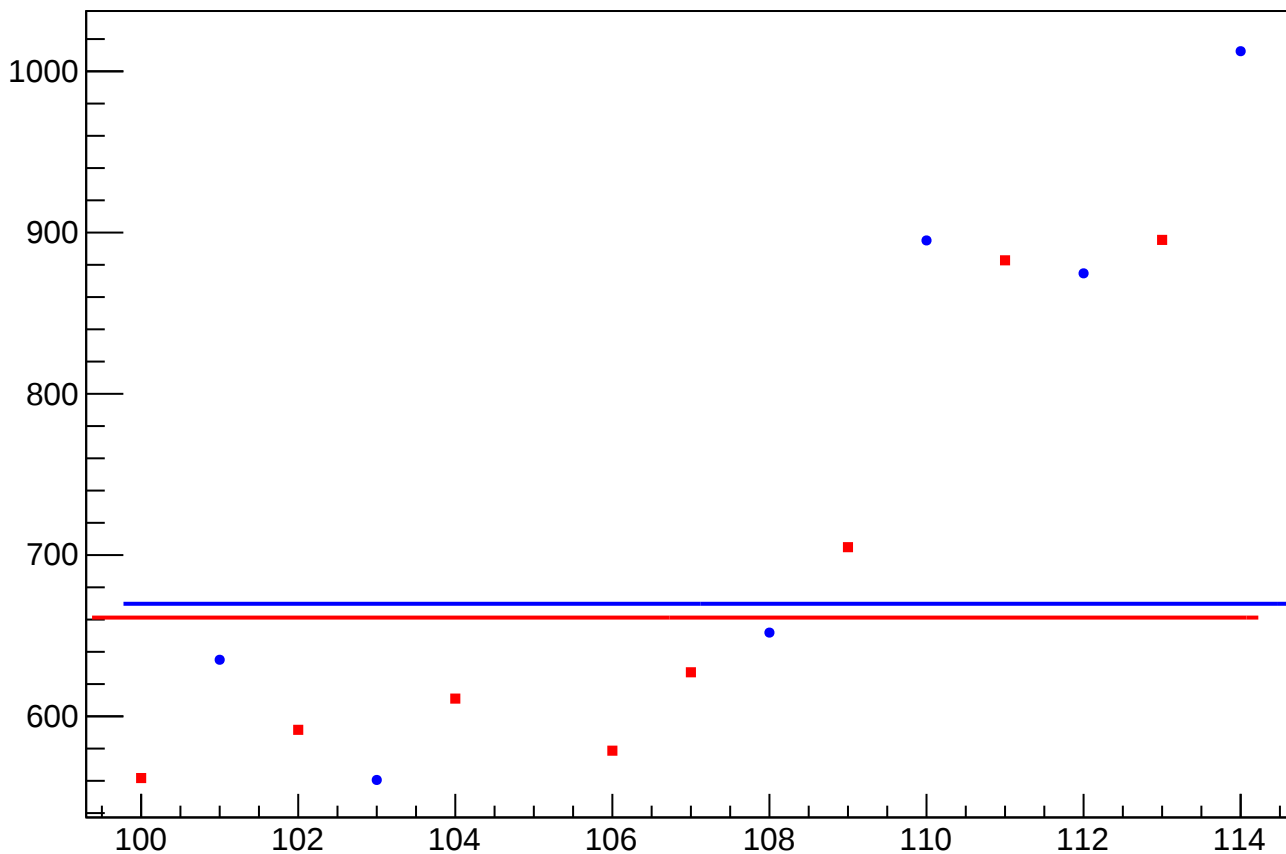
Right: -379.668+/-285.722 χ^2/NDF : 8.1/13

In: -278.739+/-433.981 χ^2/NDF : 0.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -379.668+/-285.722 χ^2/NDF : 8.1/13

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 669.798+/-0.307 χ^2/NDF : 168688.9/5

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

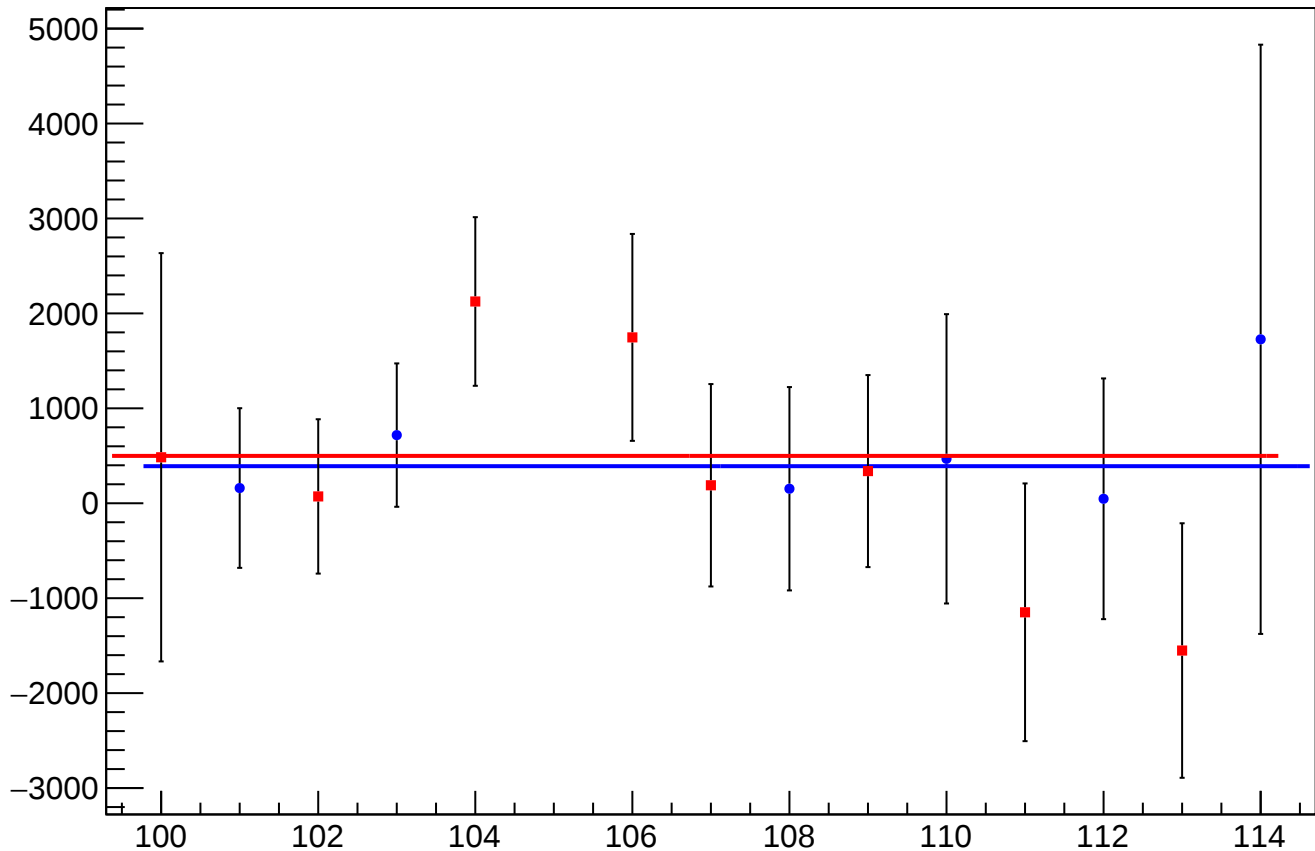
Right: 664.947+/-0.202 χ^2/NDF : 328386.7/13

In: 669.798+/-0.307 χ^2/NDF : 168688.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 664.947+/-0.202 χ^2/NDF : 328386.7/13

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 390.533+/-438.685 χ^2/NDF : 0.6/5

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

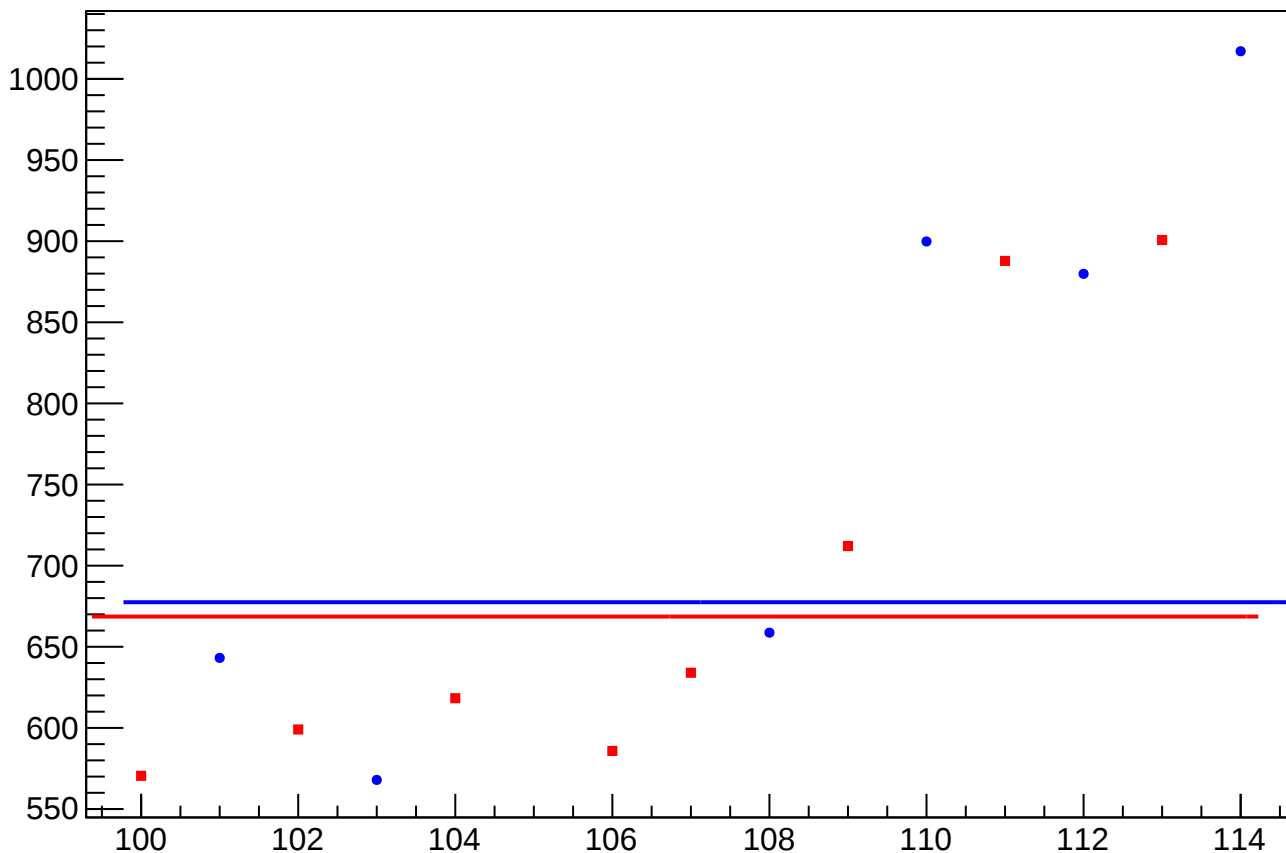
Right: 451.968+/-288.771 χ^2/NDF : 9.5/13

In: 390.533+/-438.685 χ^2/NDF : 0.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 451.968+/-288.771 χ^2/NDF : 9.5/13

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 677.466+/-0.310 χ^2/NDF : 163523.3/5

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

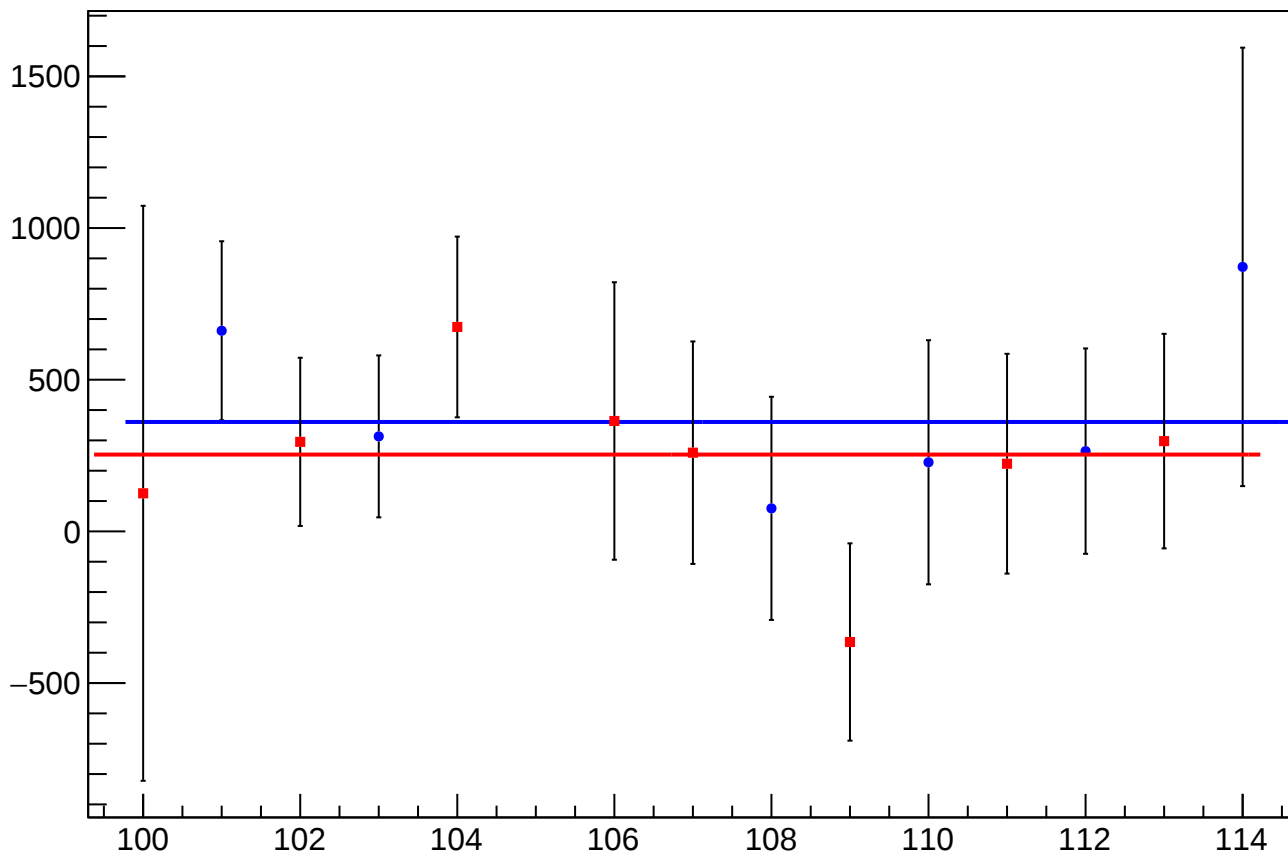
Right: 672.461+/-0.204 χ^2/NDF : 318690.5/13

In: 677.466+/-0.310 χ^2/NDF : 163523.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 672.461+/-0.204 χ^2/NDF : 318690.5/13

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 360.714 $\pm$ 141.811 χ^2 /NDF: 2.4/5

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

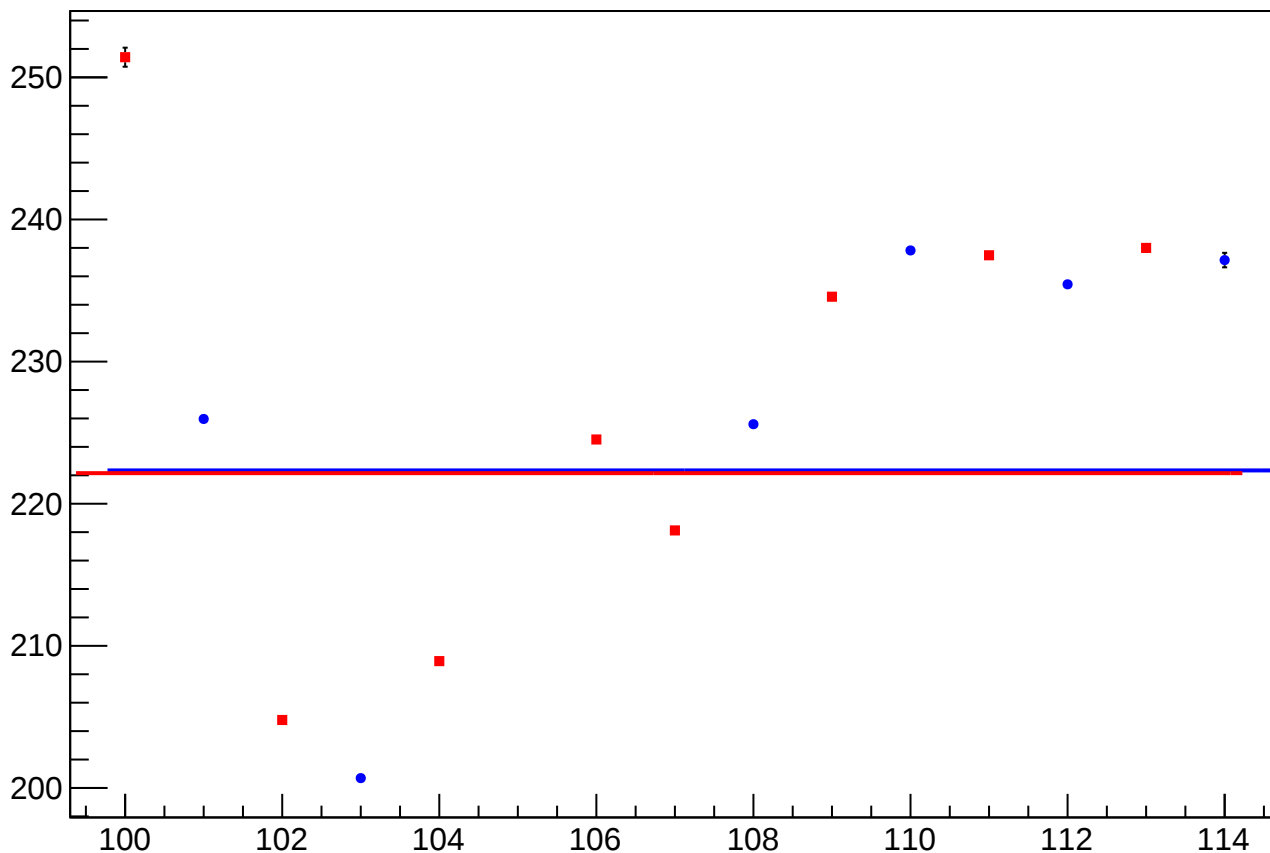
Right: 300.798 $\pm$ 94.325 χ^2 /NDF: 8.4/13

In: 360.714 $\pm$ 141.811 χ^2 /NDF: 2.4/5

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

All: 300.798 $\pm$ 94.325 χ^2 /NDF: 8.4/13

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 222.343+/-0.100 χ^2/NDF : 20403.3/5

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

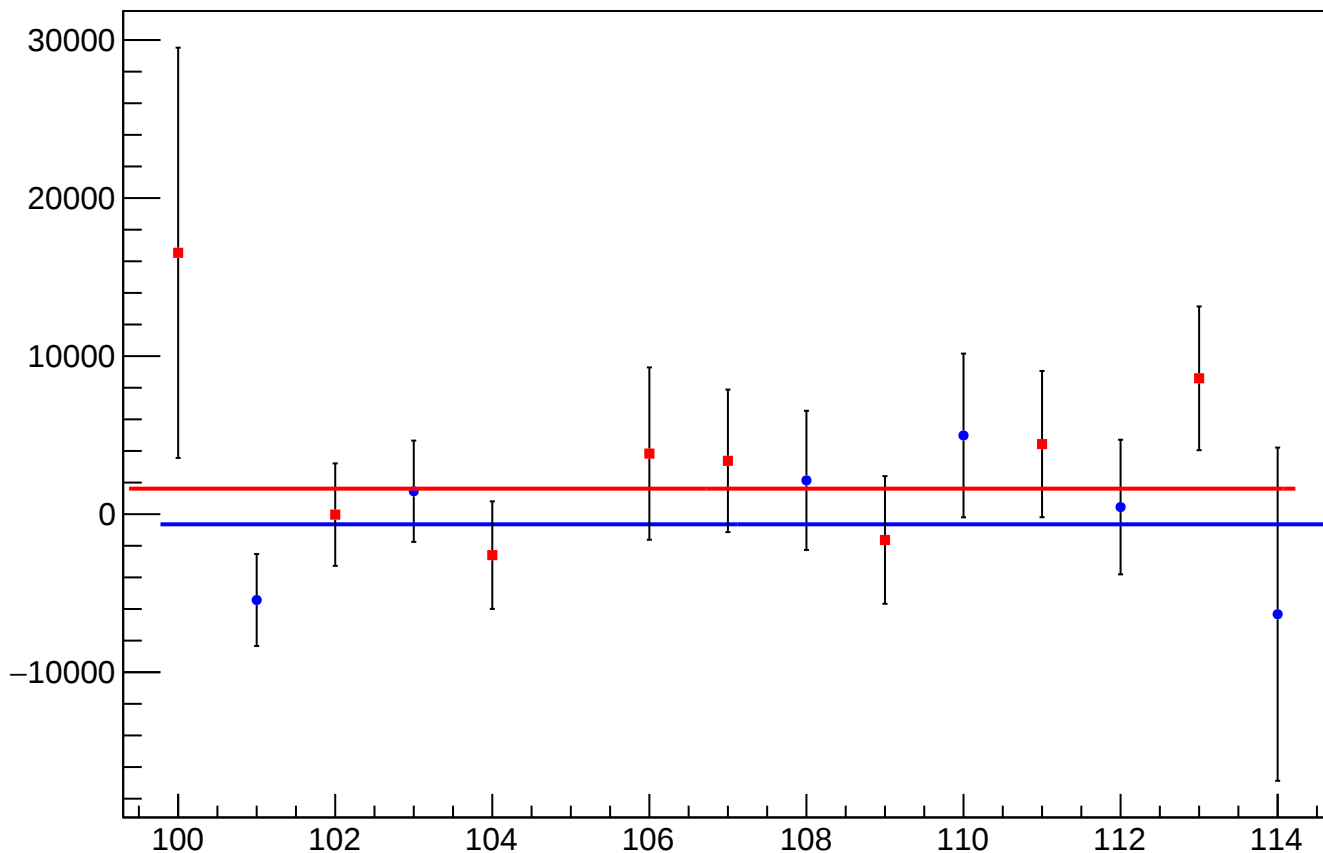
Right: 222.236+/-0.067 χ^2/NDF : 44907.1/13

In: 222.343+/-0.100 χ^2/NDF : 20403.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 222.236+/-0.067 χ^2/NDF : 44907.1/13

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -641.576+/-1647.361 χ^2/NDF : 5.1/5

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

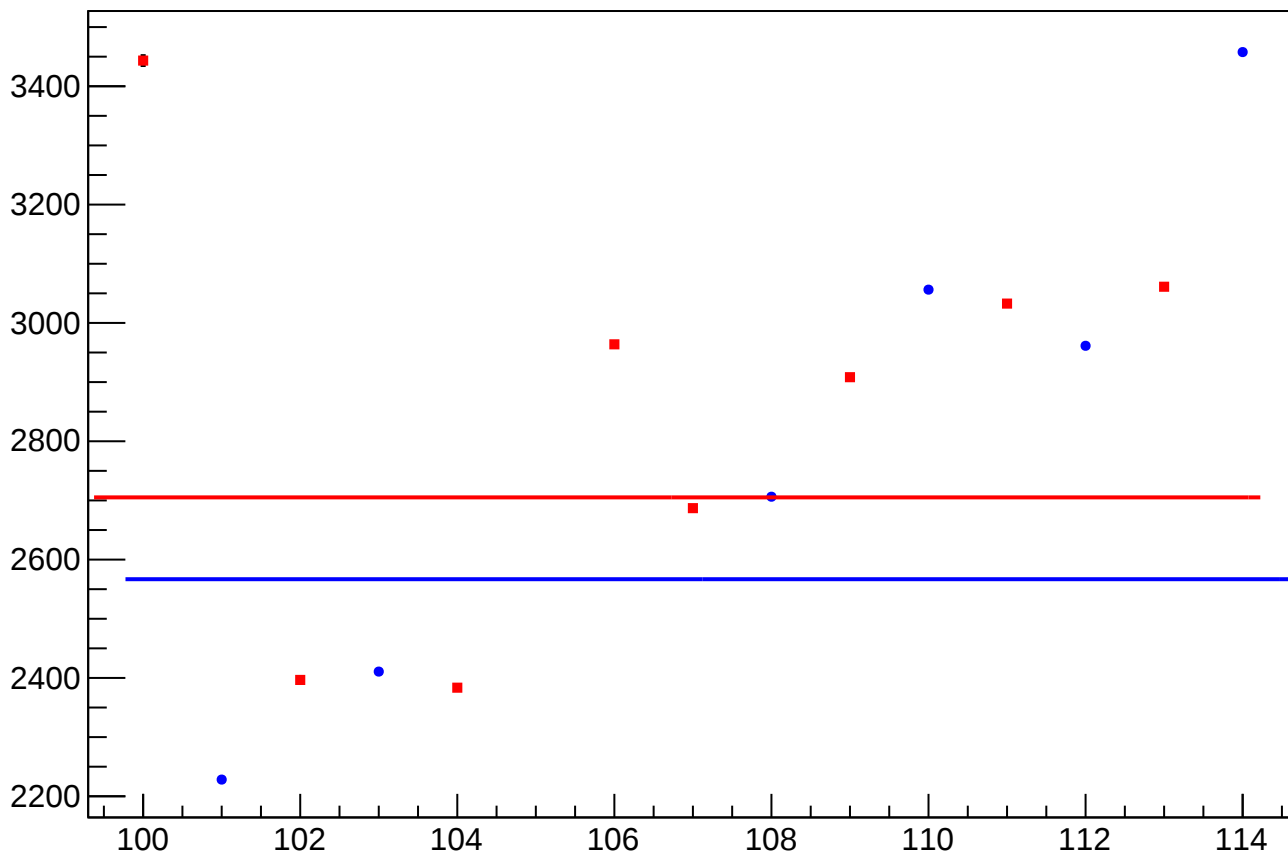
Right: 569.625+/-1121.373 χ^2/NDF : 12.9/13

In: -641.576+/-1647.361 χ^2/NDF : 5.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 569.625+/-1121.373 χ^2/NDF : 12.9/13

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2566.865 $\pm$ 1.165 χ^2 /NDF: 83149.6/5

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

Right Out: 2705.158 $\pm$ 1.082 χ^2 /NDF: 74338.9/7

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

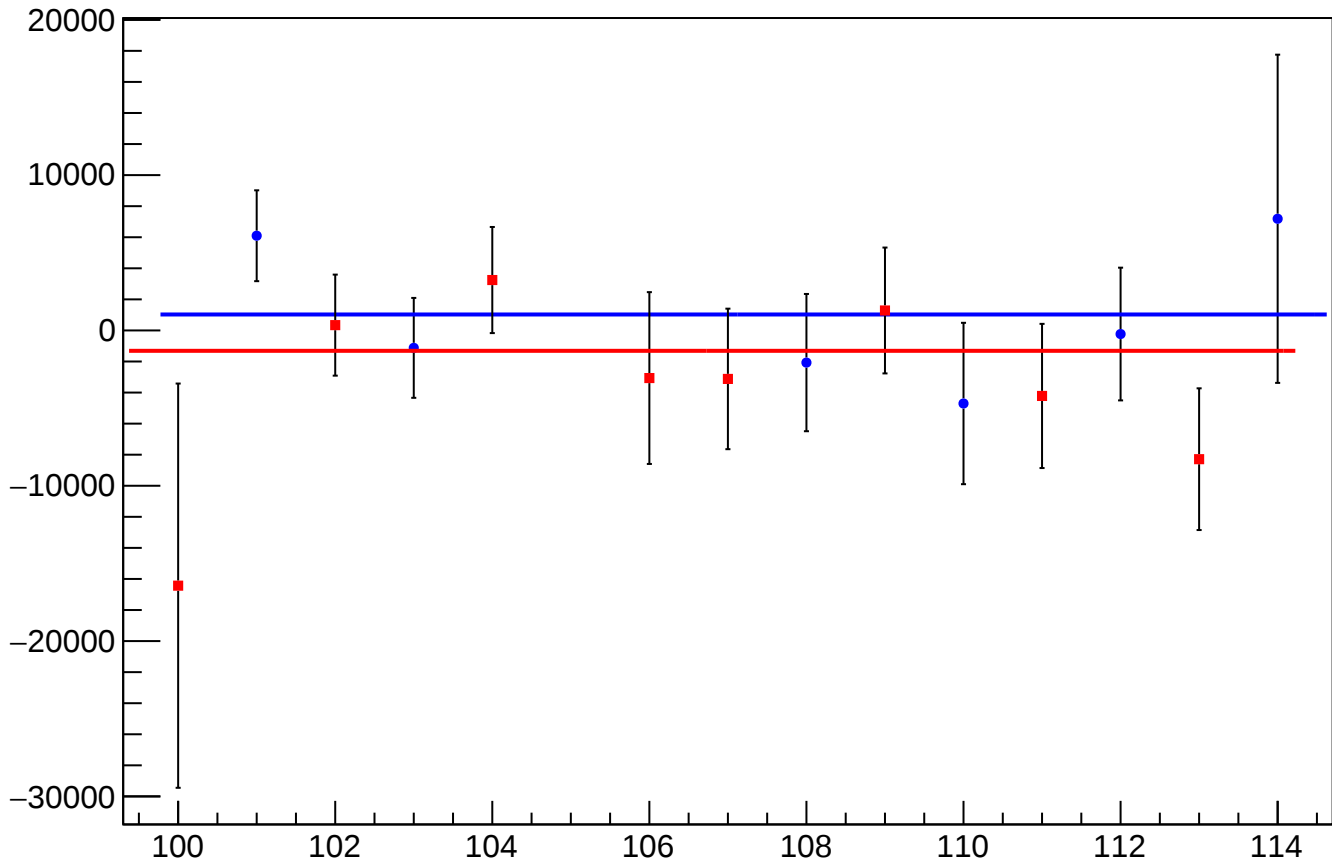
Right: 2641.078 $\pm$ 0.793 χ^2 /NDF: 165052.2/13

In: 2566.865 $\pm$ 1.165 χ^2 /NDF: 83149.6/5

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

All: 2641.078 $\pm$ 0.793 χ^2 /NDF: 165052.2/13

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1027.176+/-1653.839 χ^2/NDF : 5.6/5

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

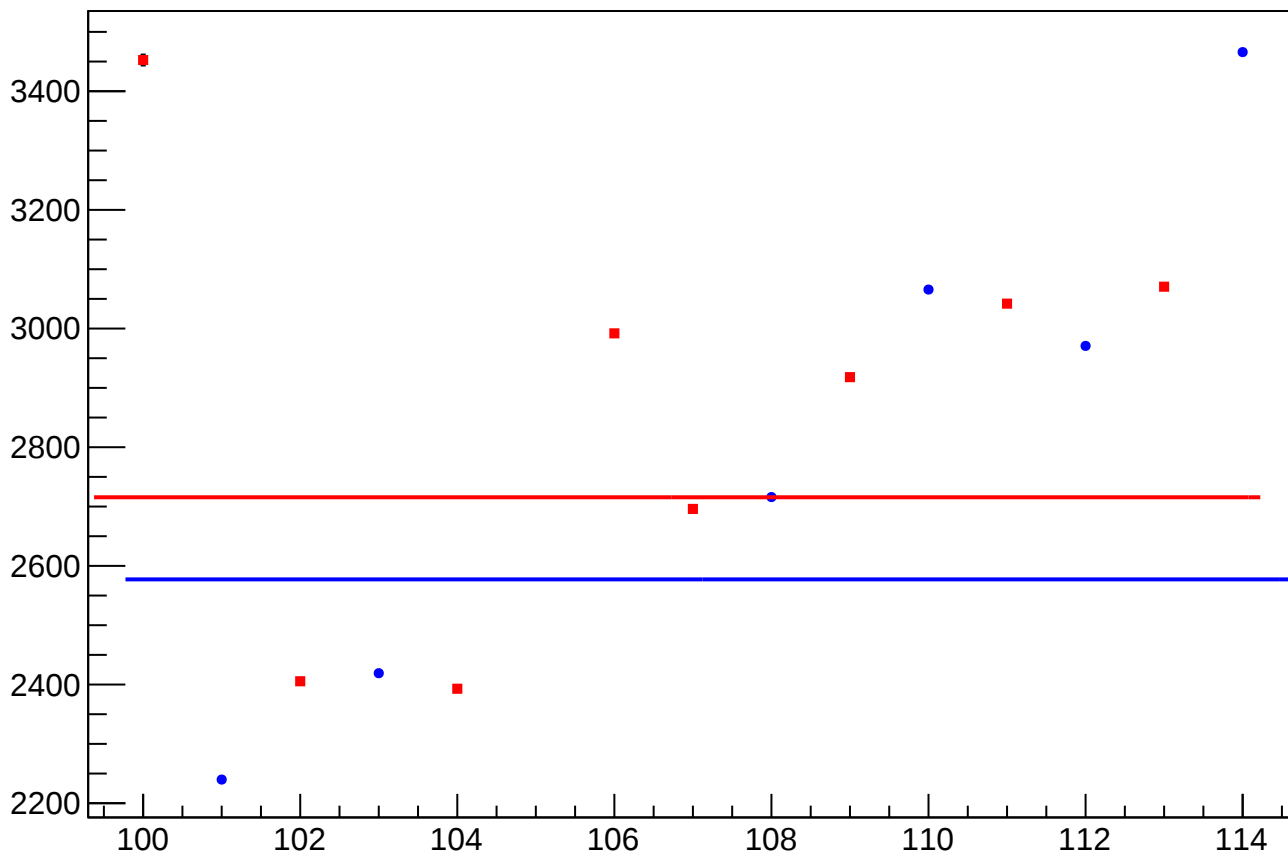
Right: -227.918+/-1126.016 χ^2/NDF : 13.5/13

In: 1027.176+/-1653.839 χ^2/NDF : 5.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -227.918+/-1126.016 χ^2/NDF : 13.5/13

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2577.228+/-1.169 χ^2/NDF : 82222.6/5

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

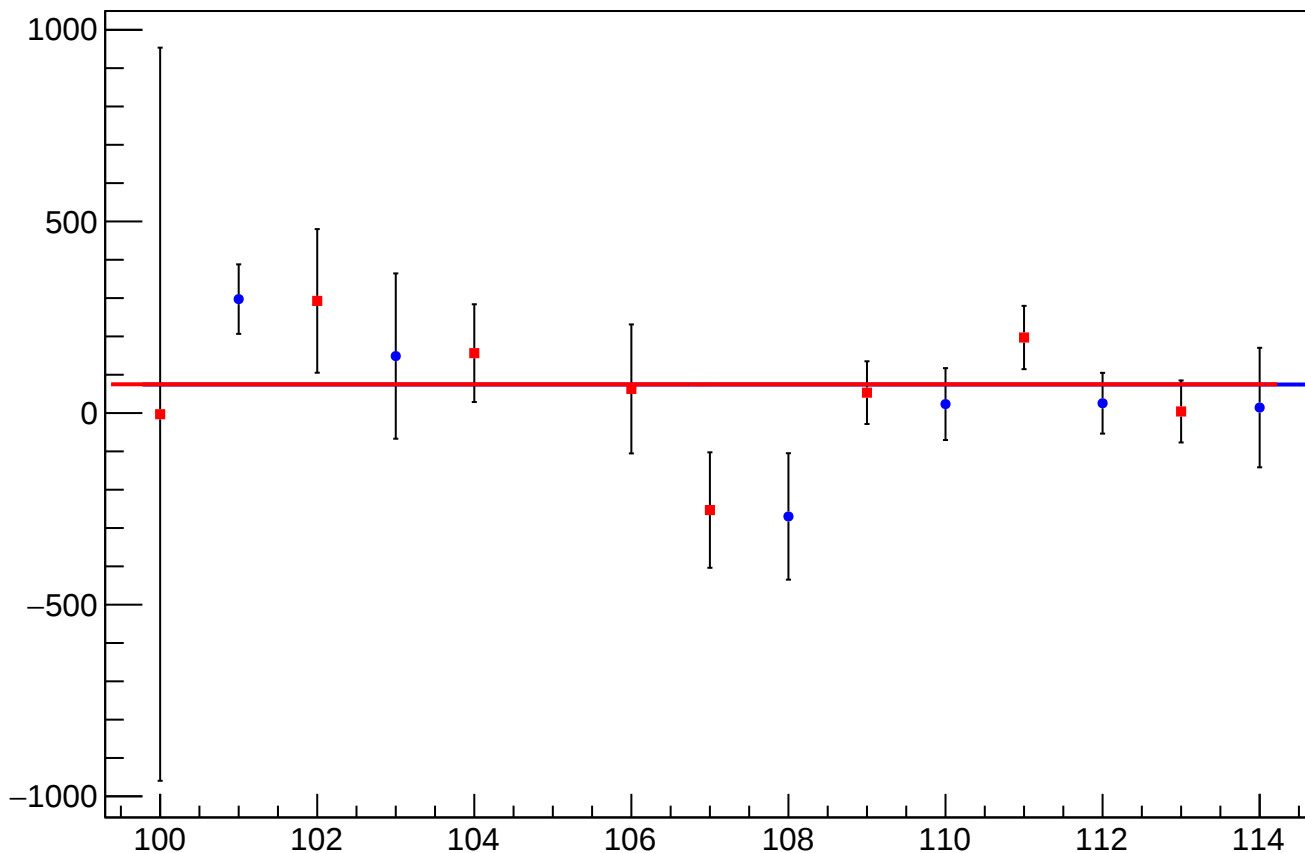
Right: 2651.474+/-0.796 χ^2/NDF : 164195.1/13

In: 2577.228+/-1.169 χ^2/NDF : 82222.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2651.474+/-0.796 χ^2/NDF : 164195.1/13

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 74.483+/-45.013 χ^2/NDF : 11.3/5

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

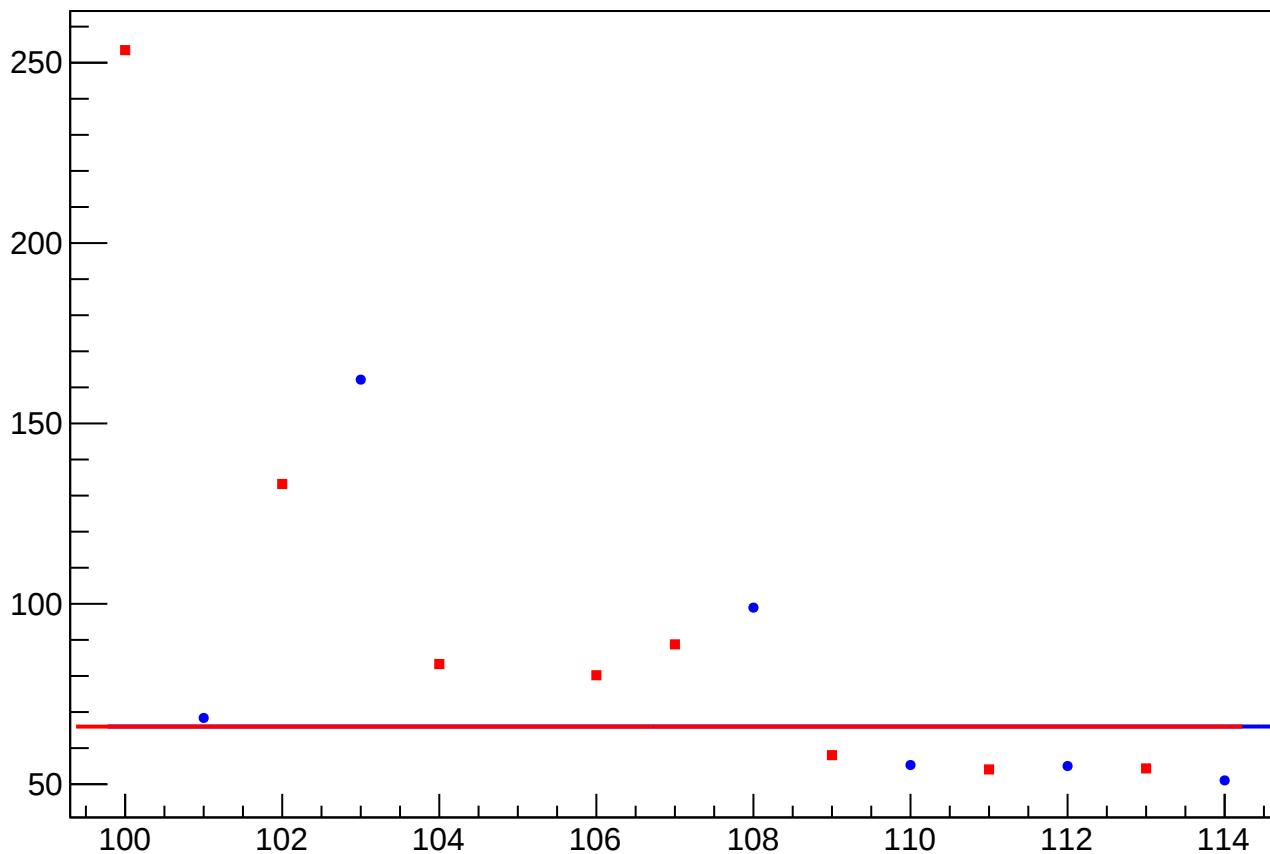
Right: 74.829+/-29.980 χ^2/NDF : 20.9/13

In: 74.483+/-45.013 χ^2/NDF : 11.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.829+/-29.980 χ^2/NDF : 20.9/13

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 65.987+/-0.032 χ^2/NDF : 561095.2/5

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

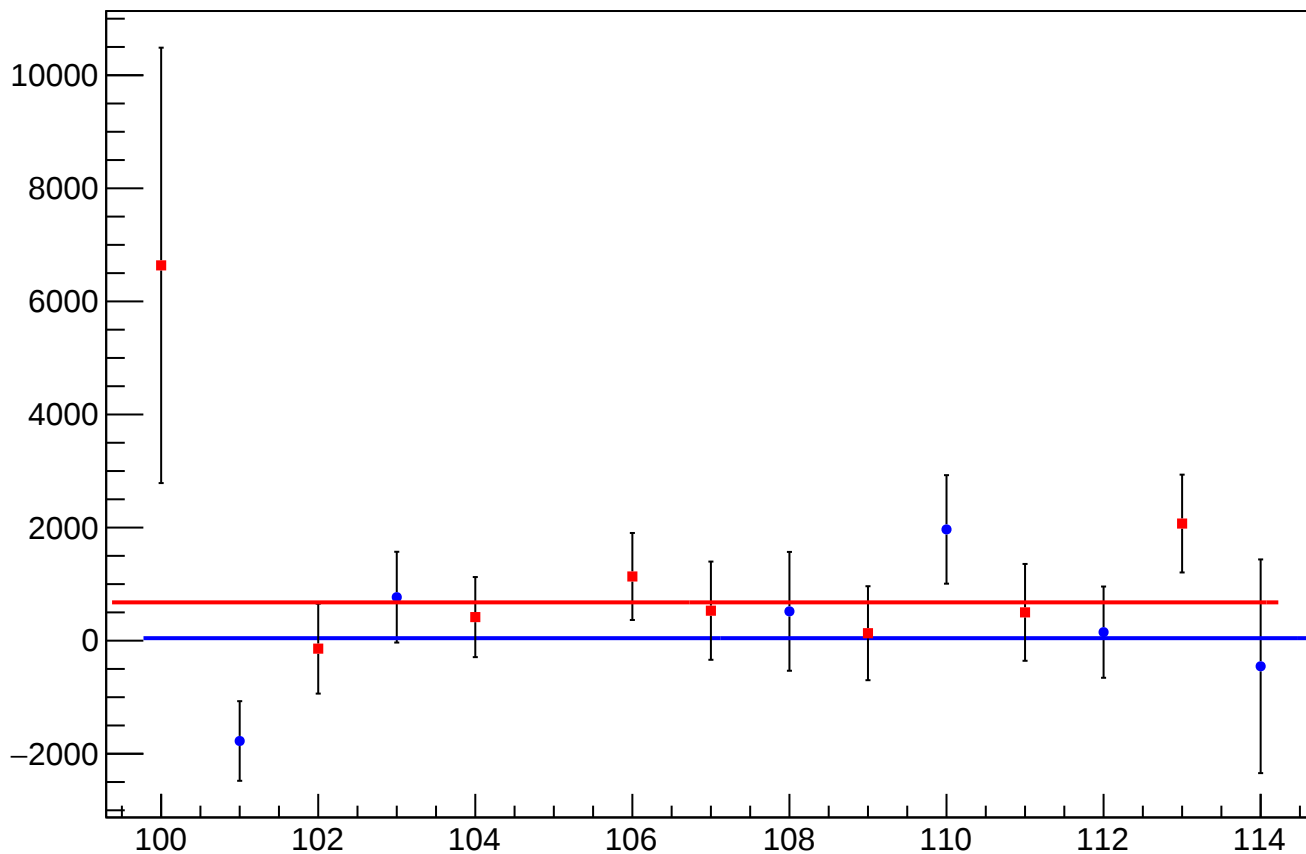
Right: 65.975+/-0.021 χ^2/NDF : 1093804.2/13

In: 65.987+/-0.032 χ^2/NDF : 561095.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.975+/-0.021 χ^2/NDF : 1093804.2/13

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 44.051+/-368.205 χ^2/NDF : 11.8/5

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

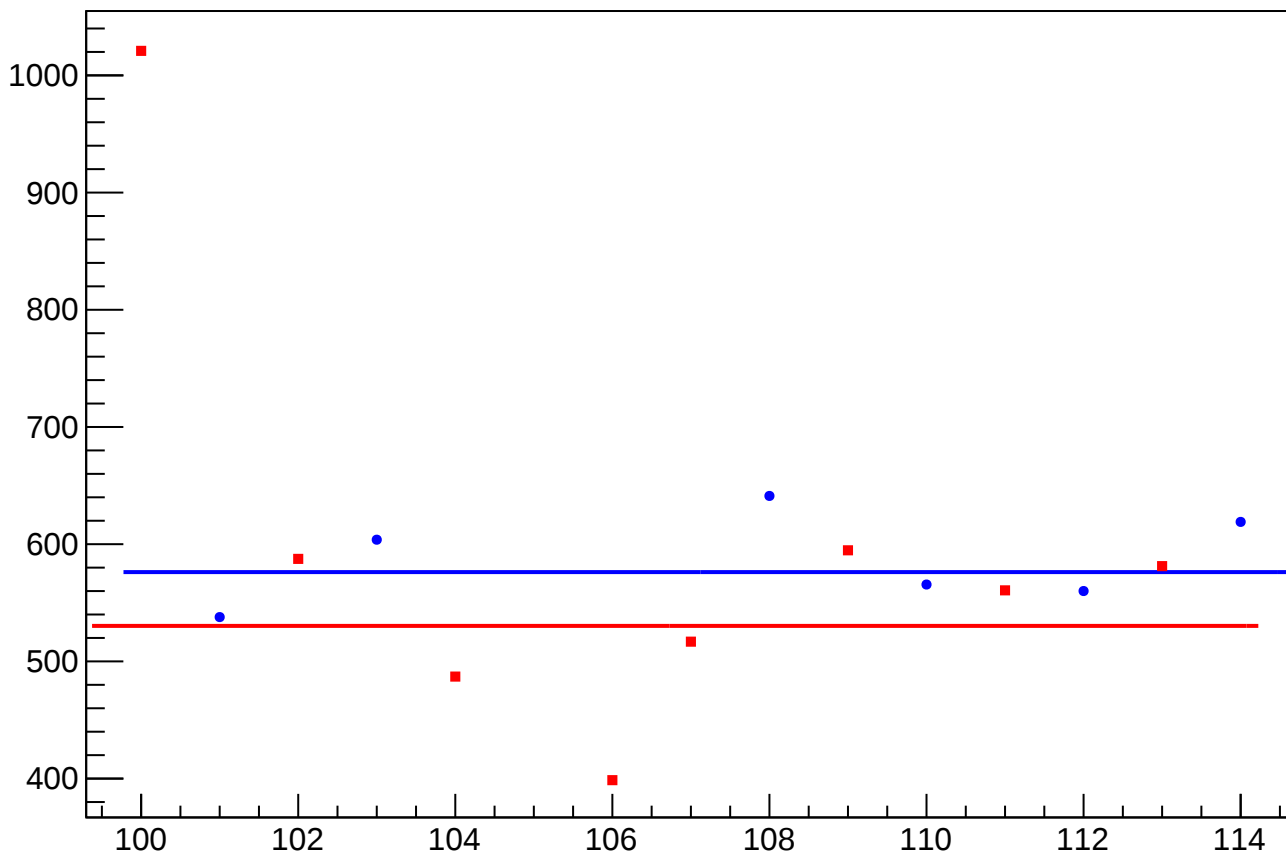
Right: 420.374+/-234.521 χ^2/NDF : 20.6/13

In: 44.051+/-368.205 χ^2/NDF : 11.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 420.374+/-234.521 χ^2/NDF : 20.6/13

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 576.185+/-0.260 χ^2/NDF : 18039.6/5

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

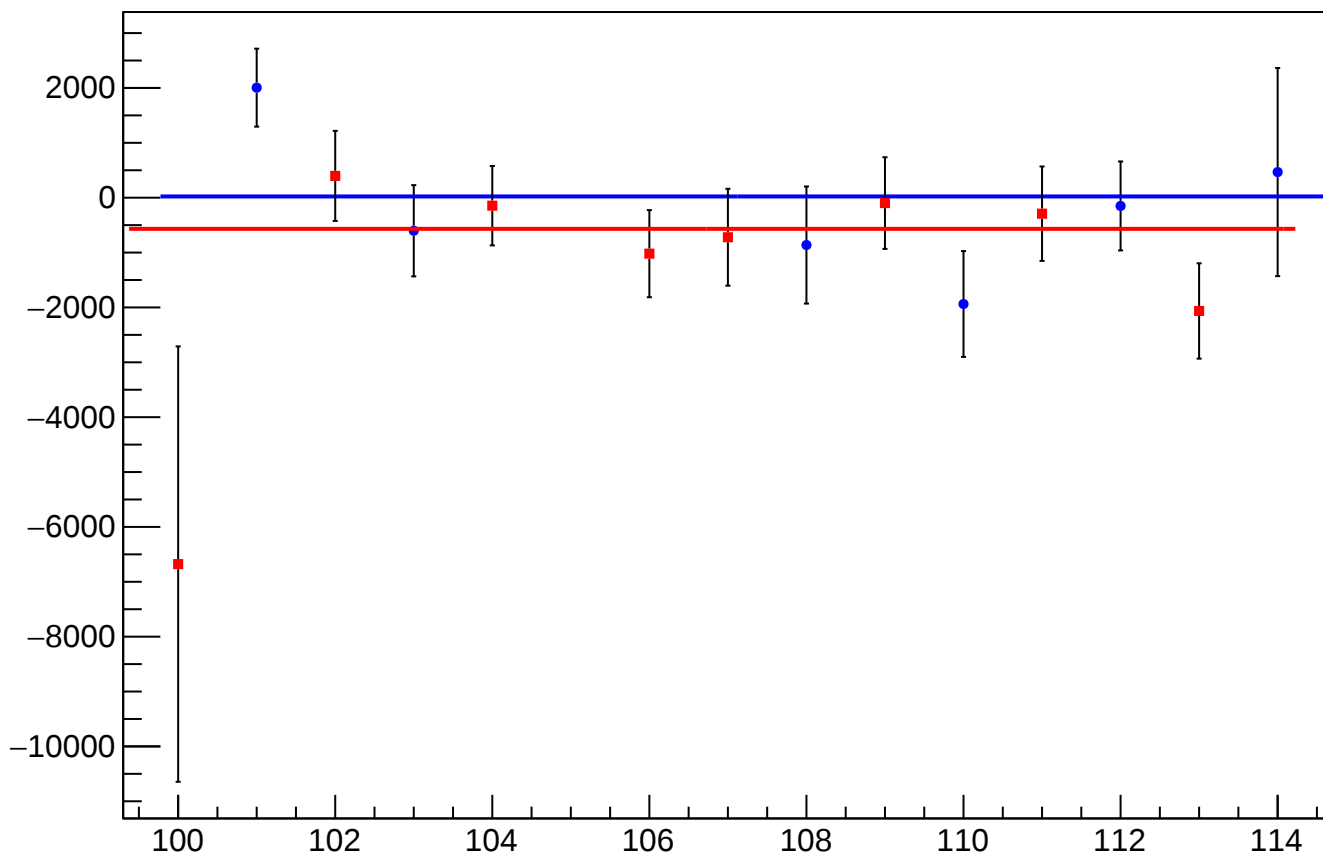
Right: 548.905+/-0.166 χ^2/NDF : 167317.3/13

In: 576.185+/-0.260 χ^2/NDF : 18039.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 548.905+/-0.166 χ^2/NDF : 167317.3/13

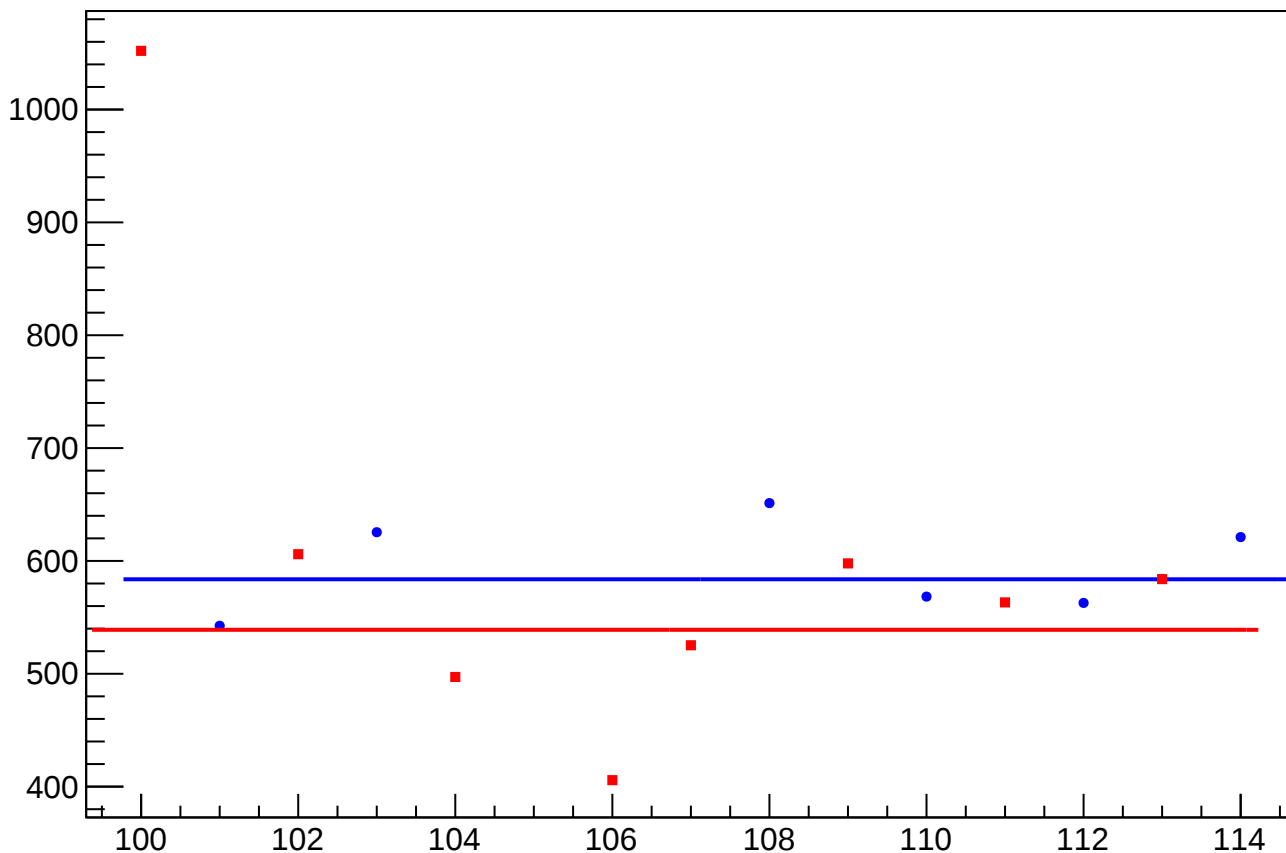
asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 22.758+/-373.193 χ^2/NDF : 13.3/5
 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: -326.931+/-238.249 χ^2/NDF : 22.6/13
 In: 22.758+/-373.193 χ^2/NDF : 13.3/5
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -326.931+/-238.249 χ^2/NDF : 22.6/13

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 583.743+/-0.264 χ^2/NDF : 22381.3/5

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

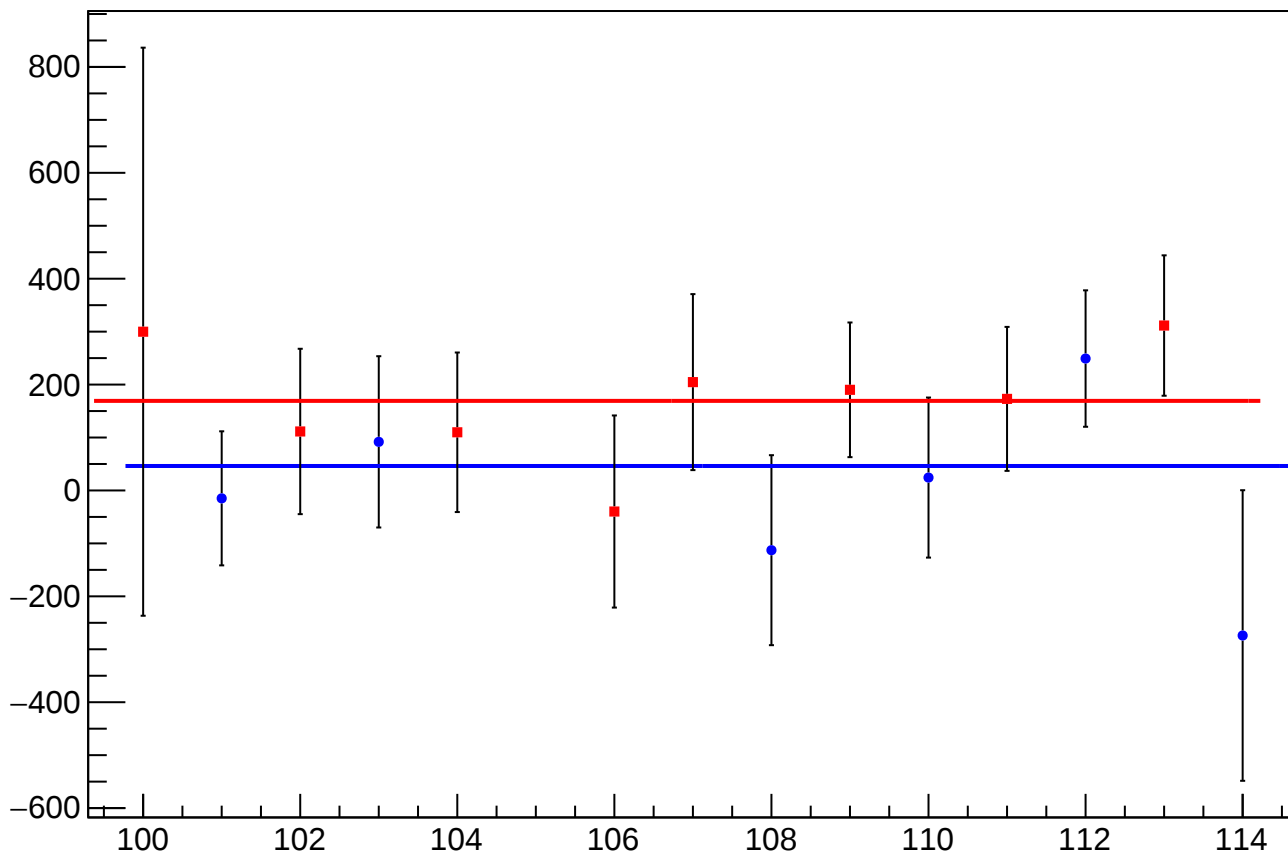
Right: 557.217+/-0.168 χ^2/NDF : 166570.8/13

In: 583.743+/-0.264 χ^2/NDF : 22381.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 557.217+/-0.168 χ^2/NDF : 166570.8/13

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 46.231+/-63.385 χ^2/NDF : 5.0/5

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

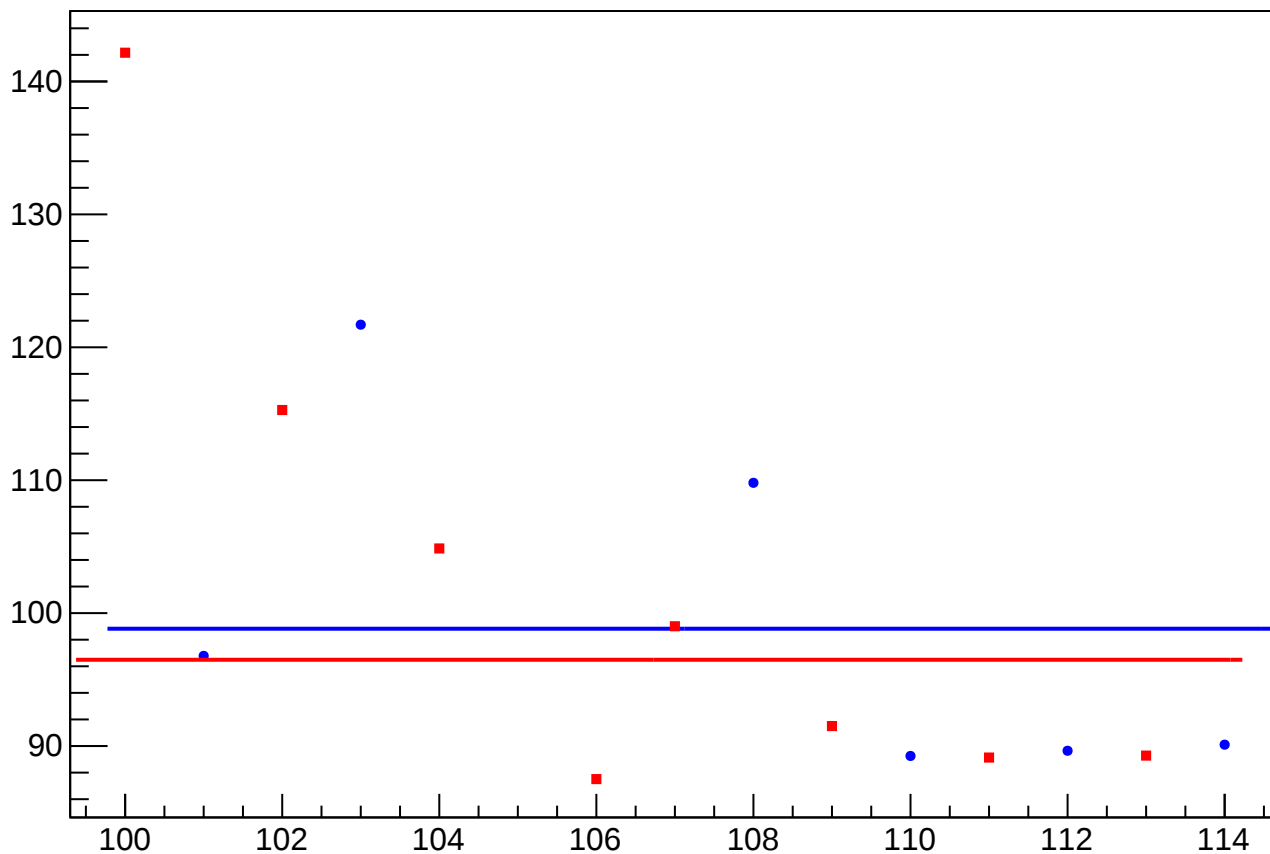
Right: 116.137+/-41.640 χ^2/NDF : 10.0/13

In: 46.231+/-63.385 χ^2/NDF : 5.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.137+/-41.640 χ^2/NDF : 10.0/13

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 98.826+/-0.045 χ^2/NDF : 68185.8/5

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

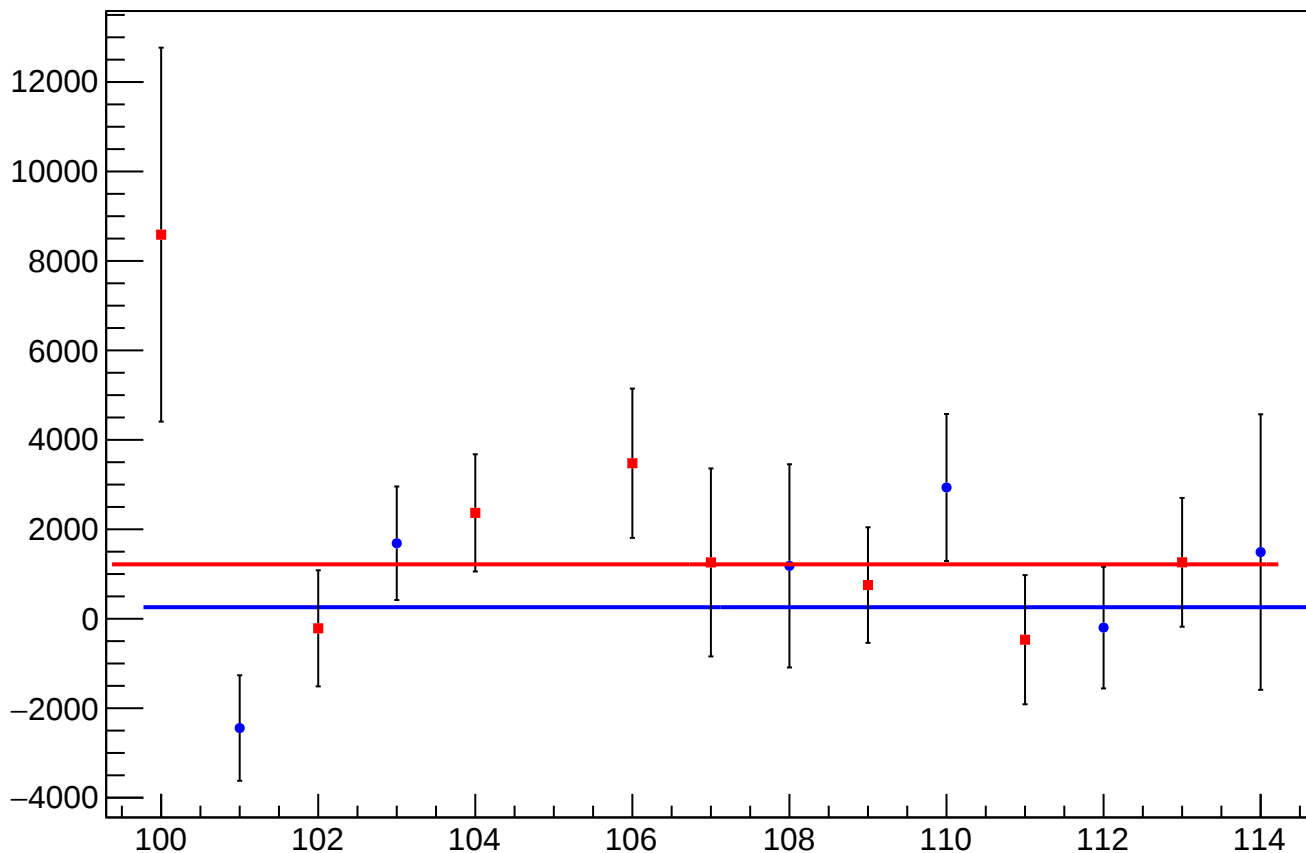
Right: 97.498+/-0.029 χ^2/NDF : 139550.8/13

In: 98.826+/-0.045 χ^2/NDF : 68185.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.498+/-0.029 χ^2/NDF : 139550.8/13

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 258.620+/-626.162 χ^2/NDF : 9.6/5

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

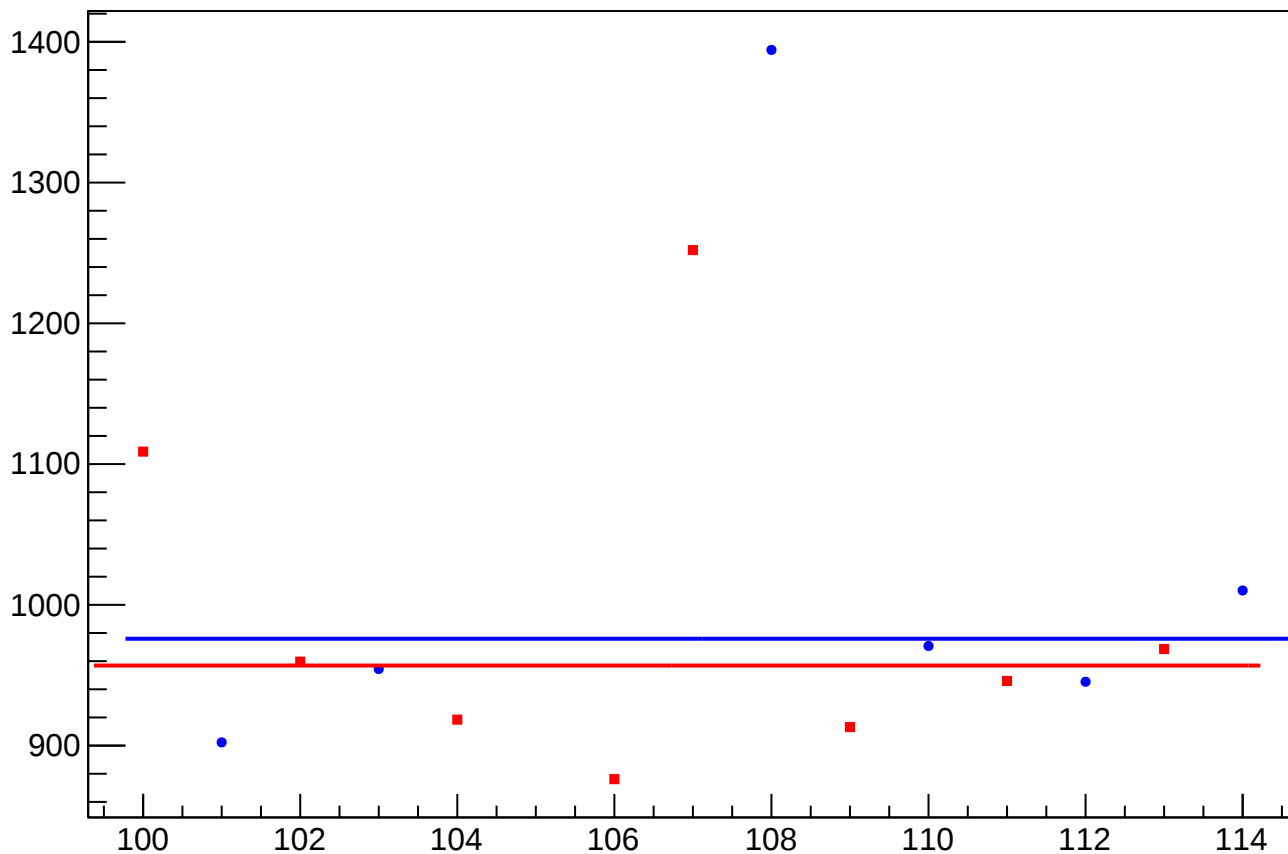
Right: 804.730+/-410.596 χ^2/NDF : 19.4/13

In: 258.620+/-626.162 χ^2/NDF : 9.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 804.730+/-410.596 χ^2/NDF : 19.4/13

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 975.921+/-0.443 χ^2/NDF : 77495.7/5

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

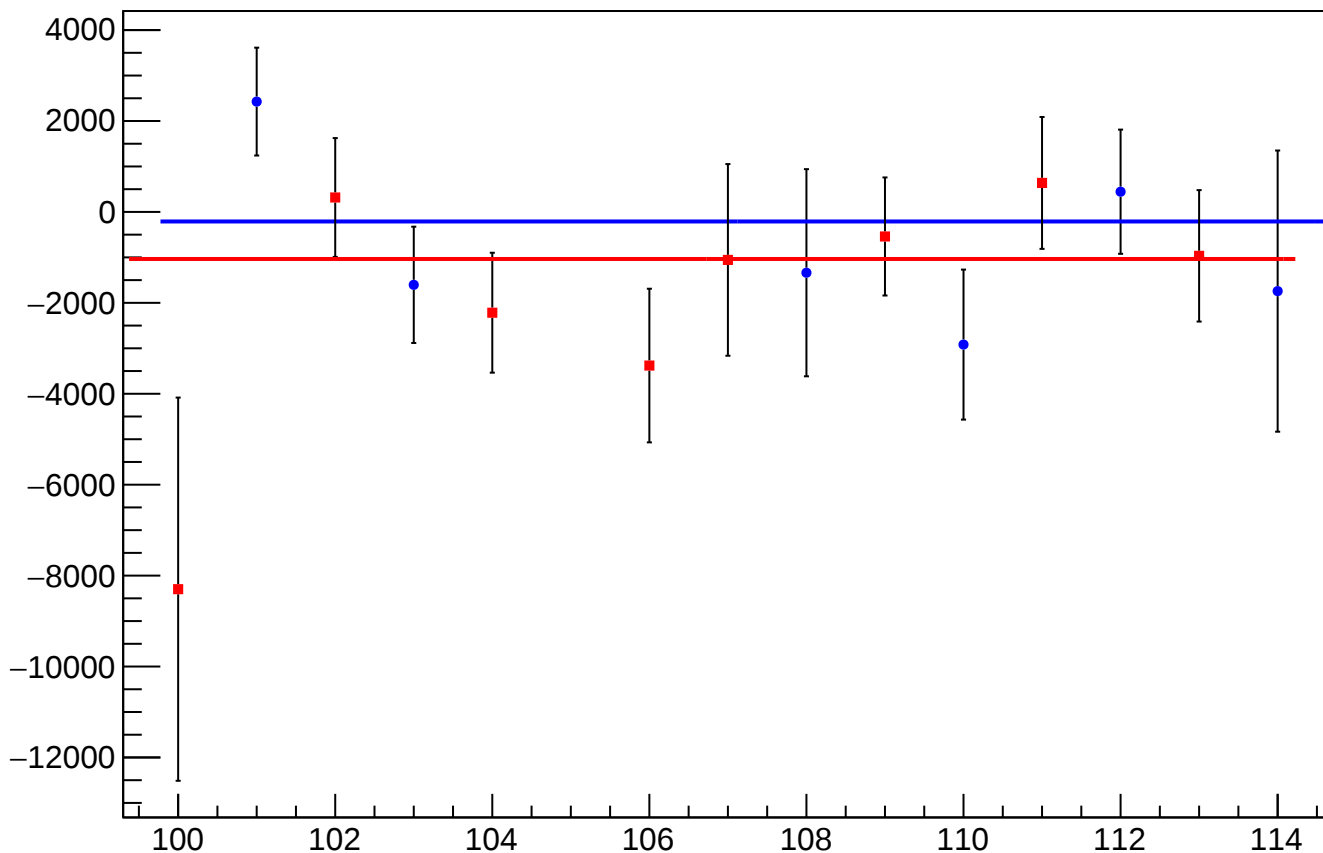
Right: 965.067+/-0.290 χ^2/NDF : 129599.7/13

In: 975.921+/-0.443 χ^2/NDF : 77495.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 965.067+/-0.290 χ^2/NDF : 129599.7/13

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -209.928+/-629.674 χ^2/NDF : 9.5/5

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

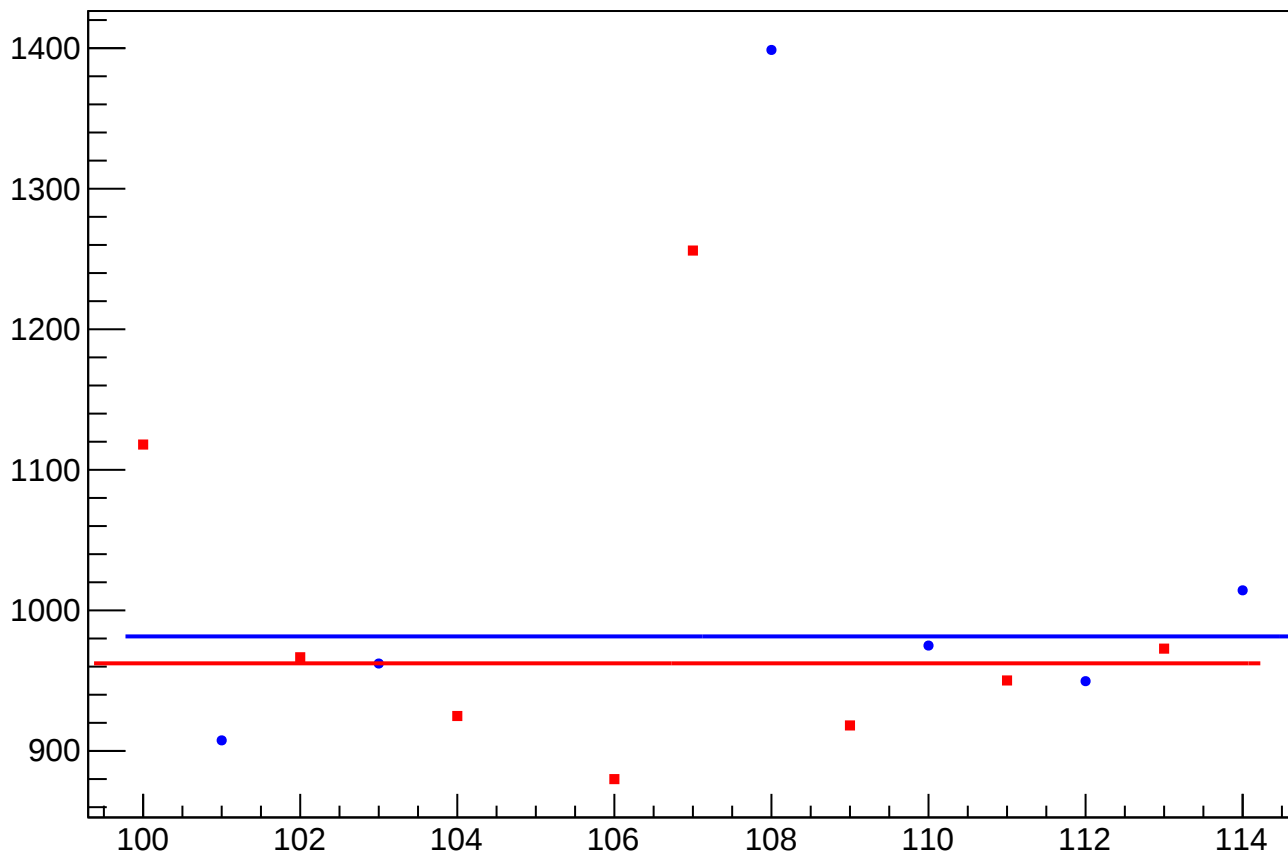
Right: -679.956+/-413.068 χ^2/NDF : 18.8/13

In: -209.928+/-629.674 χ^2/NDF : 9.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -679.956+/-413.068 χ^2/NDF : 18.8/13

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 981.488 $\pm$ 0.445 χ^2 /NDF: 76641.6/5

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

Right Out: 962.333 $\pm$ 0.387 χ^2 /NDF: 50494.7/7

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

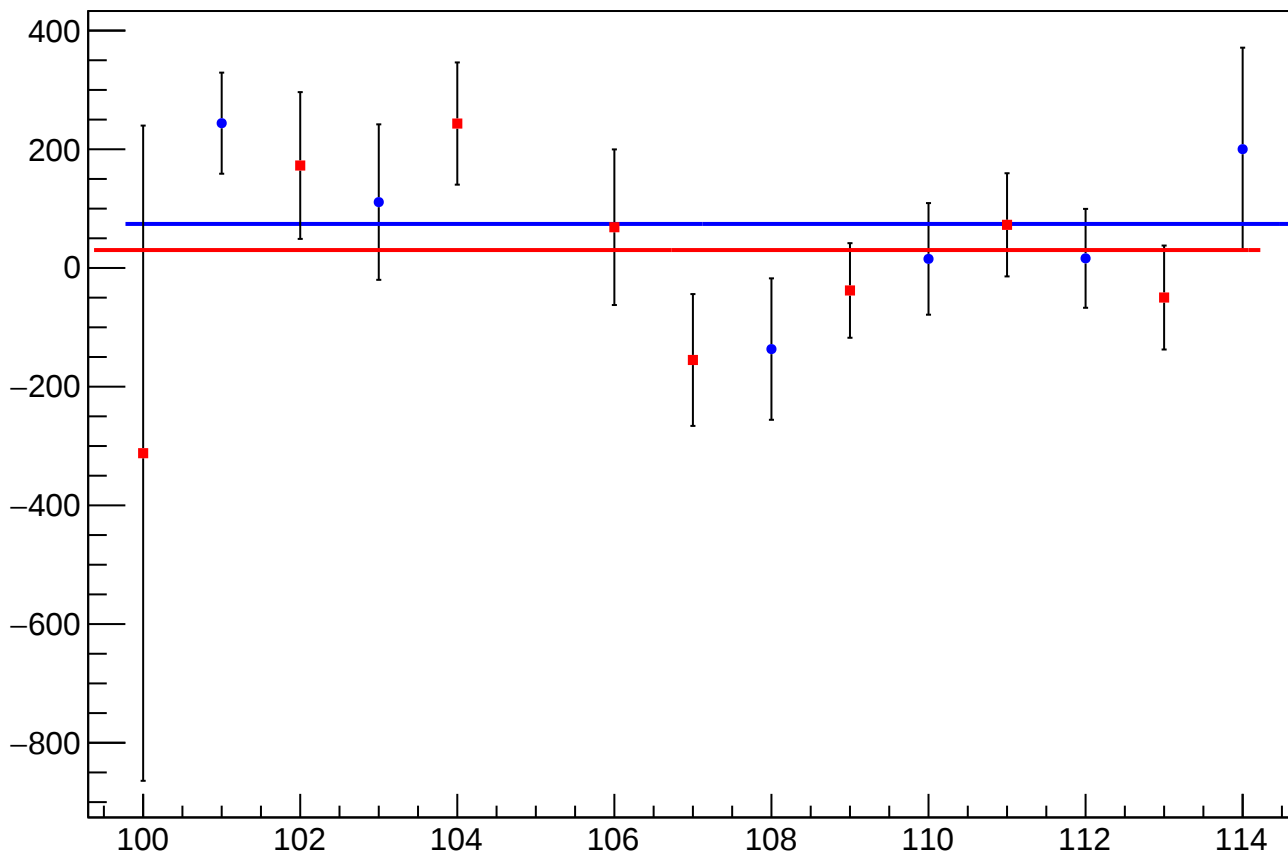
Right: 970.576 $\pm$ 0.292 χ^2 /NDF: 128190.7/13

In: 981.488 $\pm$ 0.445 χ^2 /NDF:76641.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 970.576 $\pm$ 0.292 χ^2 /NDF: 128190.7/13

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 74.202 $\pm$ 42.337 χ^2 /NDF: 8.6/5

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

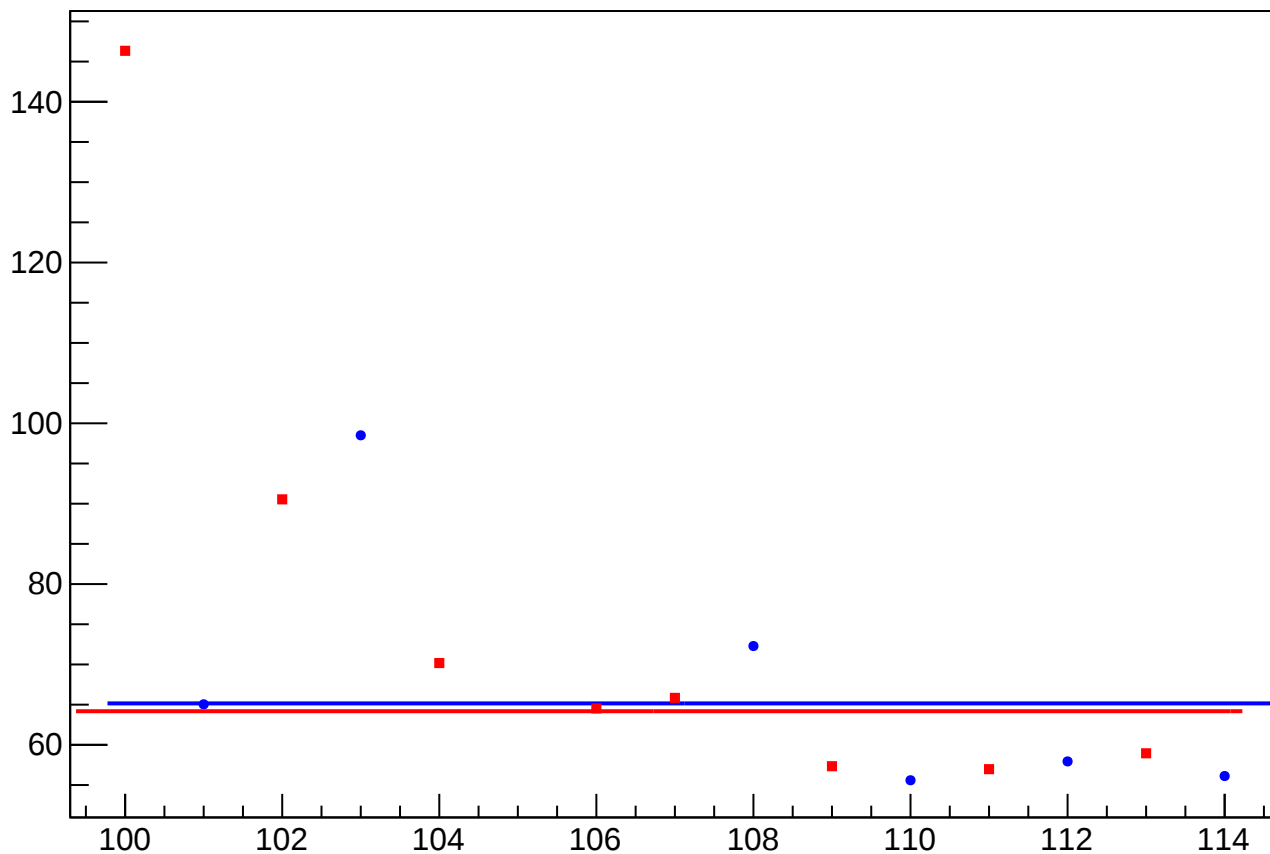
Right: 49.377 $\pm$ 27.948 χ^2 /NDF: 19.9/13

In: 74.202 $\pm$ 42.337 χ^2 /NDF:8.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 49.377 $\pm$ 27.948 χ^2 /NDF: 19.9/13

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 65.156+/-0.030 χ^2/NDF : 178078.7/5

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

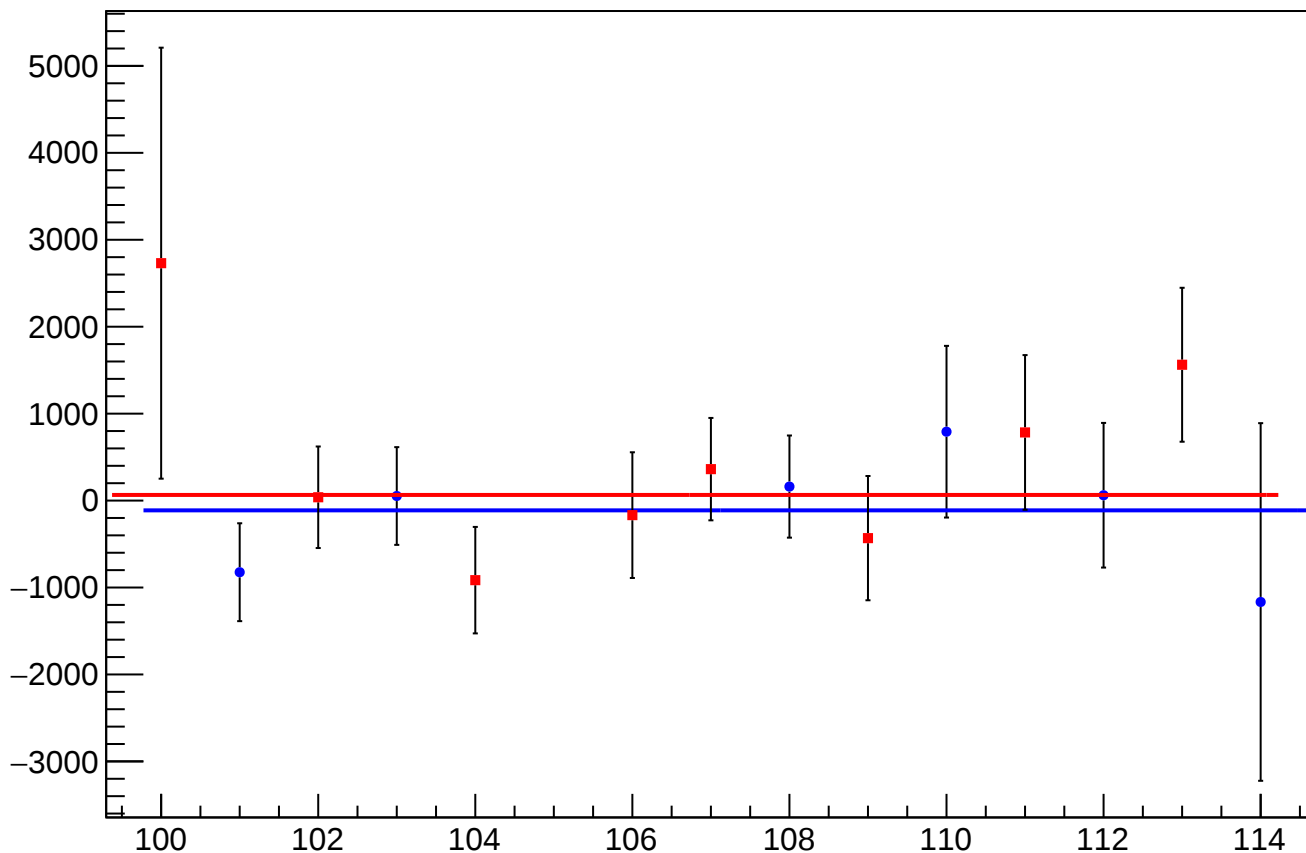
Right: 64.607+/-0.020 χ^2/NDF : 356700.9/13

In: 65.156+/-0.030 χ^2/NDF : 178078.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.607+/-0.020 χ^2/NDF : 356700.9/13

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -112.437 $\pm$ 289.575 χ^2 /NDF: 3.0/5

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

Right Out: 64.916 $\pm$ 257.723 χ^2 /NDF: 8.1/7

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

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

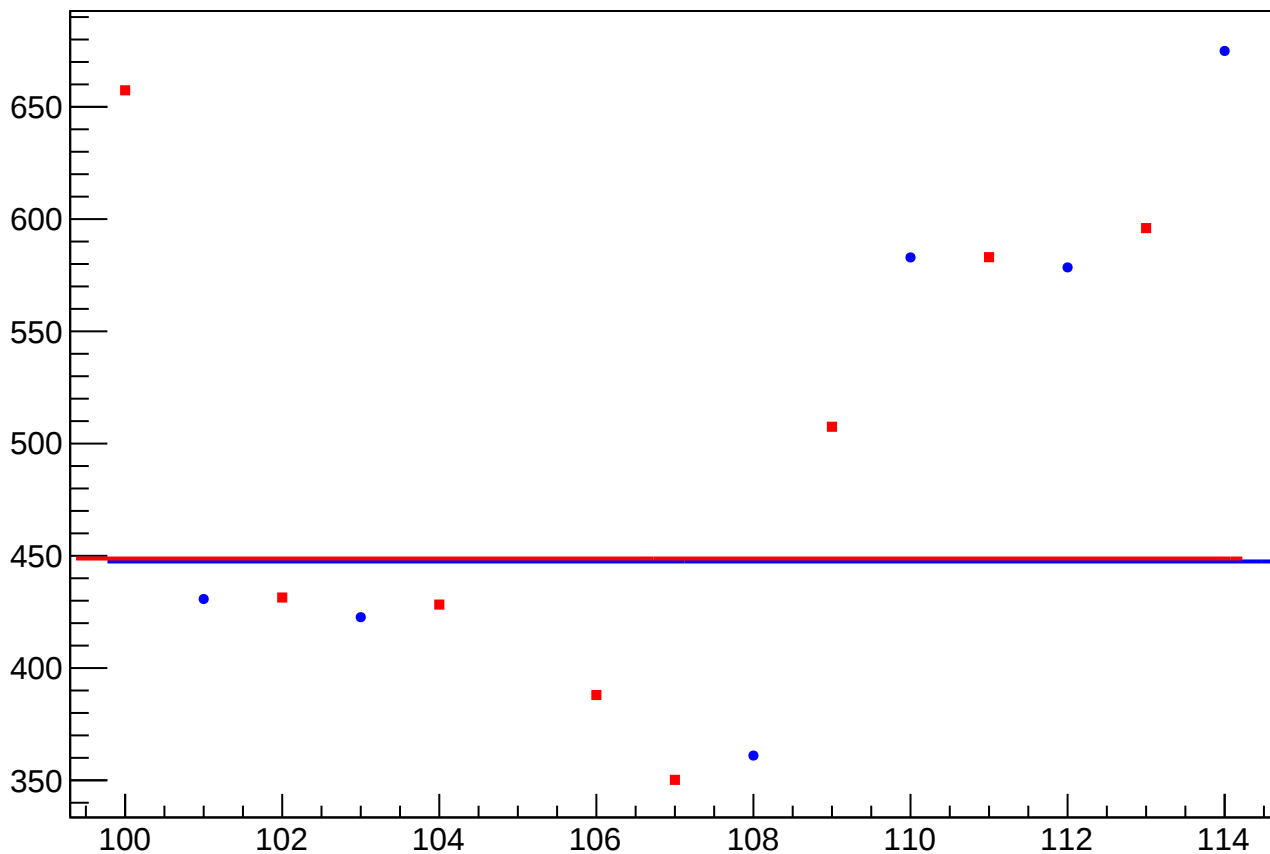
Right: -13.473 $\pm$ 192.518 χ^2 /NDF: 11.3/13

In: -112.437 $\pm$ 289.575 χ^2 /NDF:3.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.473 $\pm$ 192.518 χ^2 /NDF: 11.3/13

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 447.484+/-0.205 χ^2/NDF : 160669.2/5

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

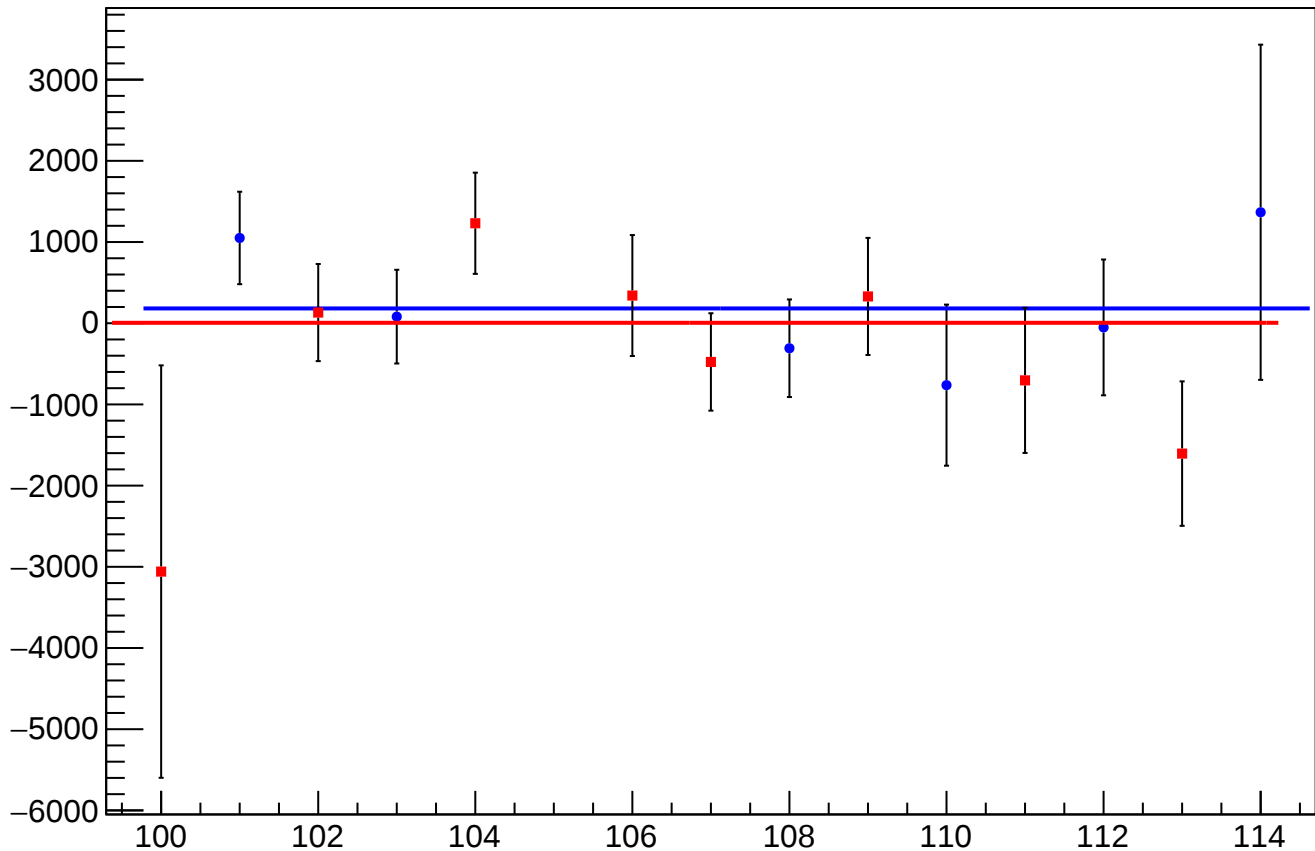
Right: 448.215+/-0.136 χ^2/NDF : 363412.0/13

In: 447.484+/-0.205 χ^2/NDF : 160669.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 448.215+/-0.136 χ^2/NDF : 363412.0/13

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 182.095 $\pm$ 294.452 χ^2 /NDF: 4.3/5

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

Right Out: 5.317 $\pm$ 262.207 χ^2 /NDF: 10.3/7

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

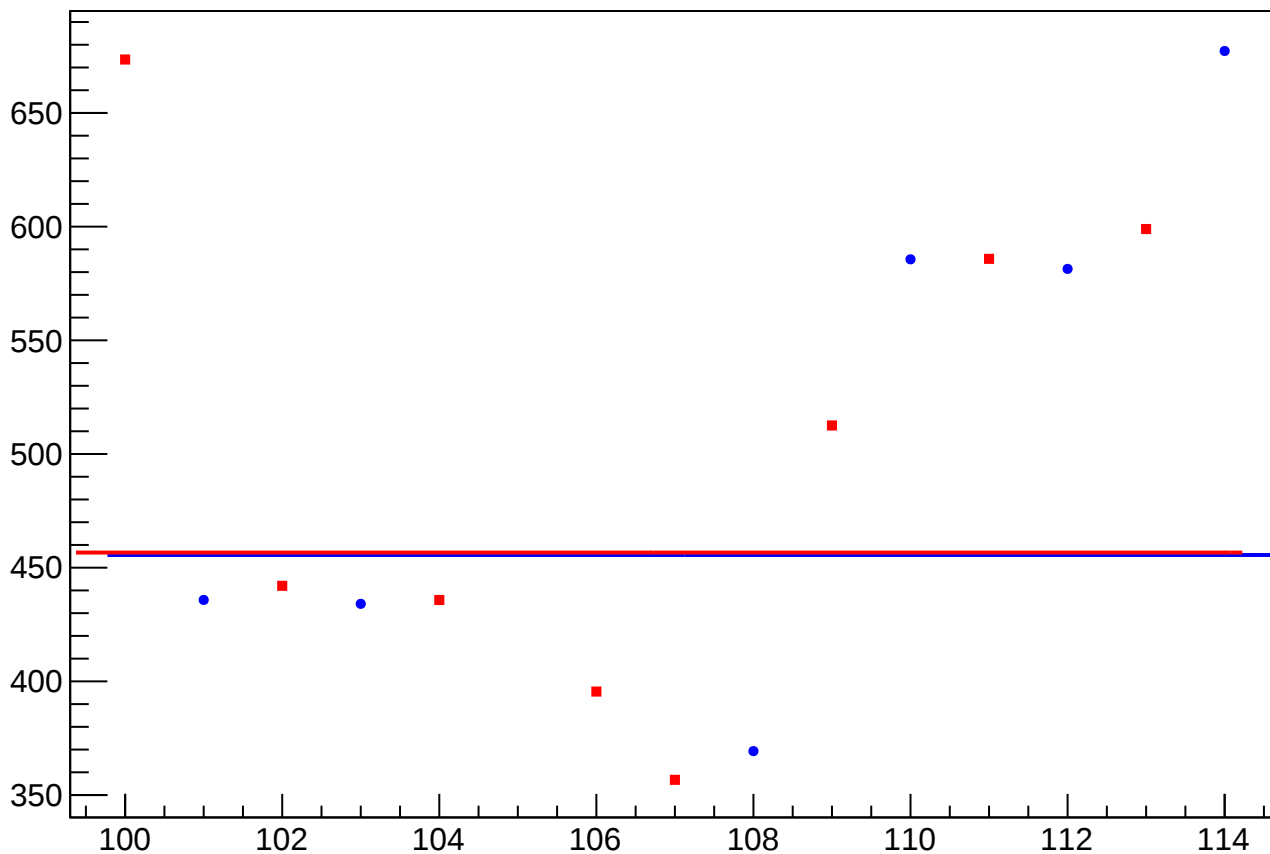
Right: 83.500 $\pm$ 195.820 χ^2 /NDF: 14.9/13

In: 182.095 $\pm$ 294.452 χ^2 /NDF: 4.3/5

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

All: 83.500 $\pm$ 195.820 χ^2 /NDF: 14.9/13

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 455.579+/-0.208 χ^2/NDF : 149110.6/5

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

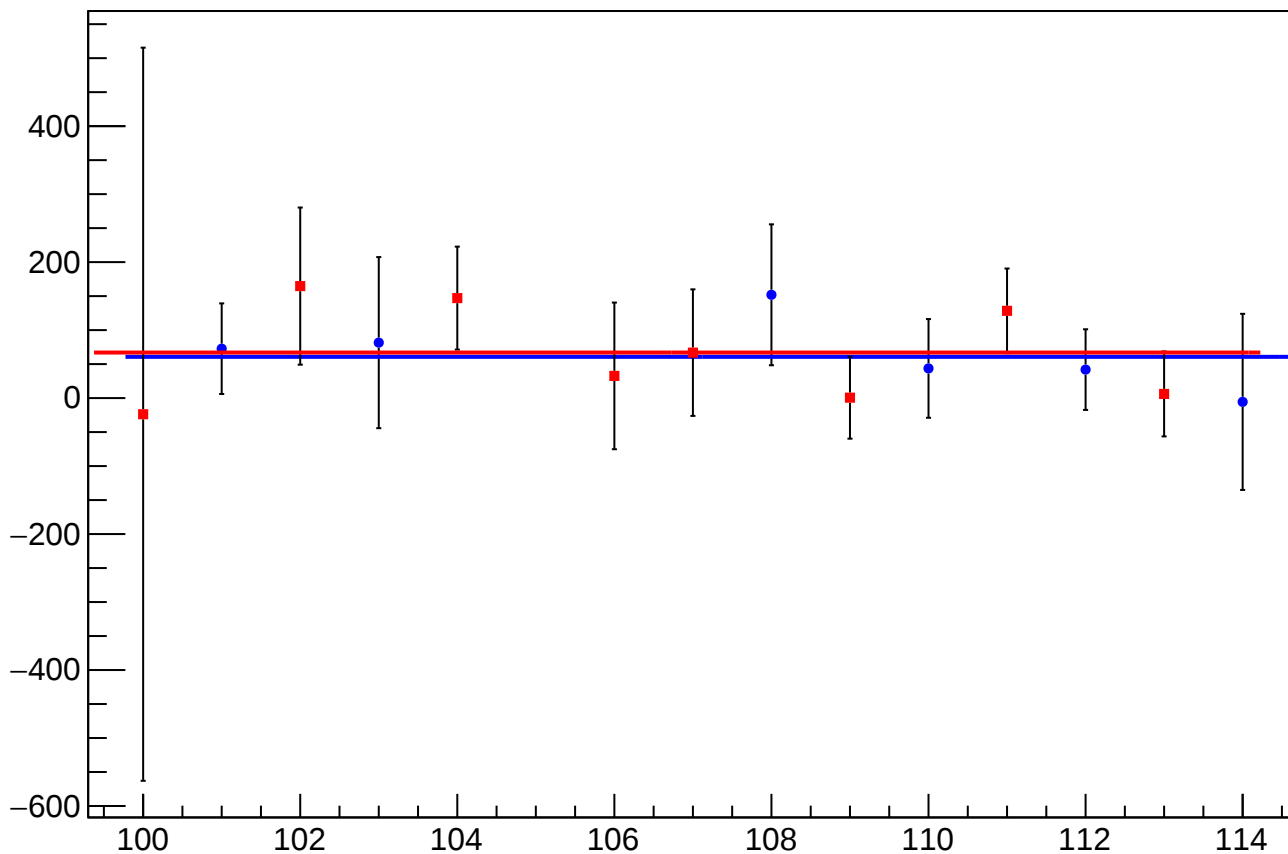
Right: 456.177+/-0.138 χ^2/NDF : 341112.0/13

In: 455.579+/-0.208 χ^2/NDF : 149110.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 456.177+/-0.138 χ^2/NDF : 341112.0/13

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 60.672 $\pm$ 33.057 χ^2 /NDF: 1.3/5

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

Right Out: 67.003 $\pm$ 28.361 χ^2 /NDF: 5.1/7

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

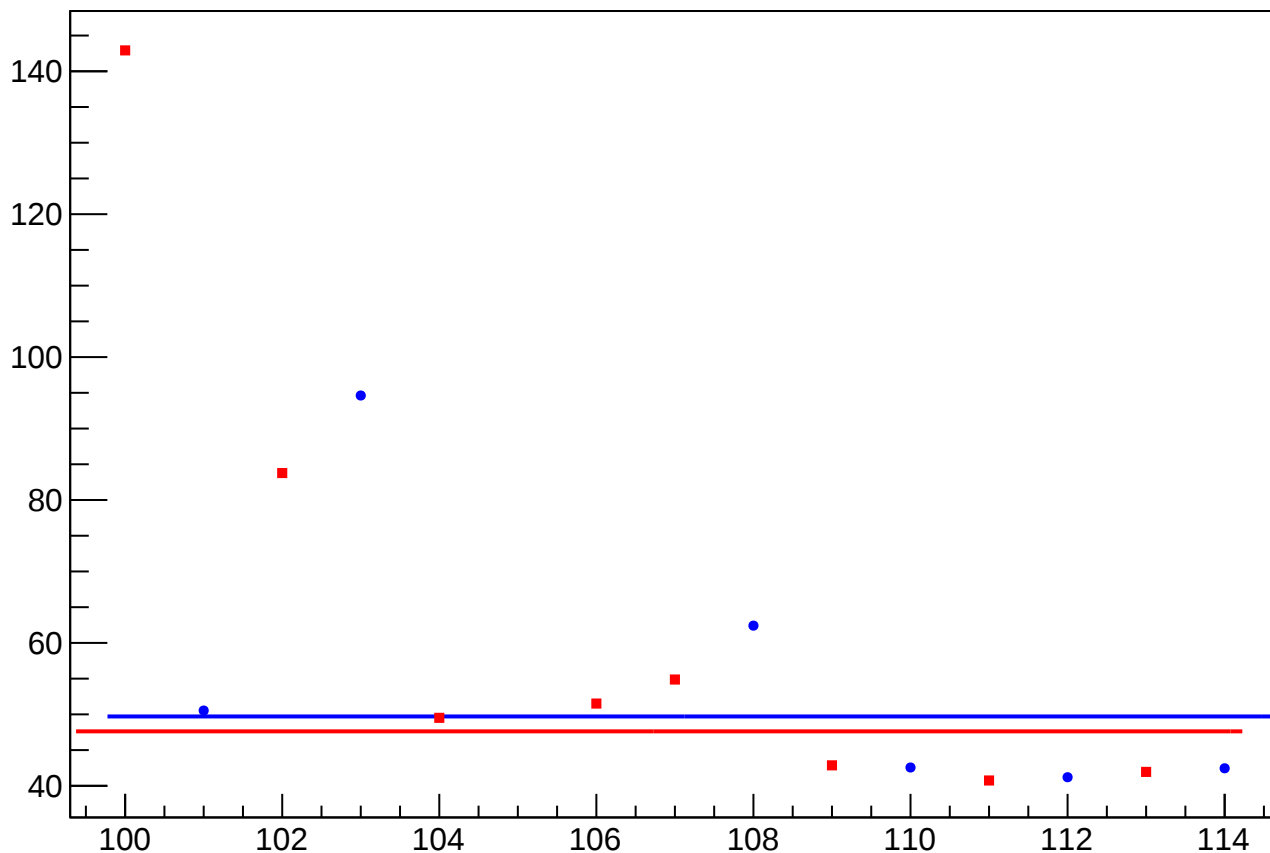
Right: 64.319 $\pm$ 21.525 χ^2 /NDF: 6.4/13

In: 60.672 $\pm$ 33.057 χ^2 /NDF:1.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 64.319 $\pm$ 21.525 χ^2 /NDF: 6.4/13

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.709+/-0.023 χ^2/NDF : 351988.7/5

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

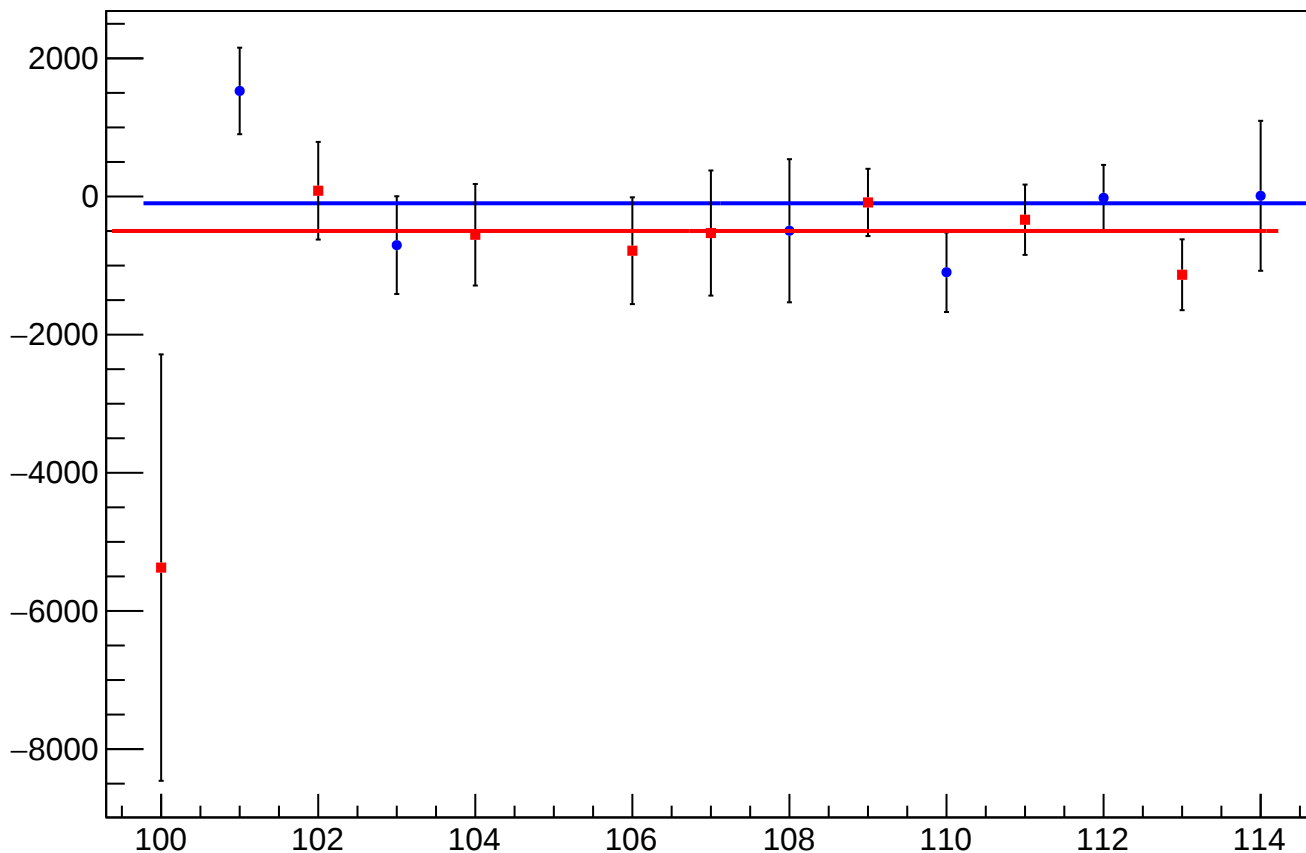
Right: 48.507+/-0.015 χ^2/NDF : 684066.6/13

In: 49.709+/-0.023 χ^2/NDF : 351988.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.507+/-0.015 χ^2/NDF : 684066.6/13

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -98.148 ± 269.846 χ^2/NDF : 10.7/5

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

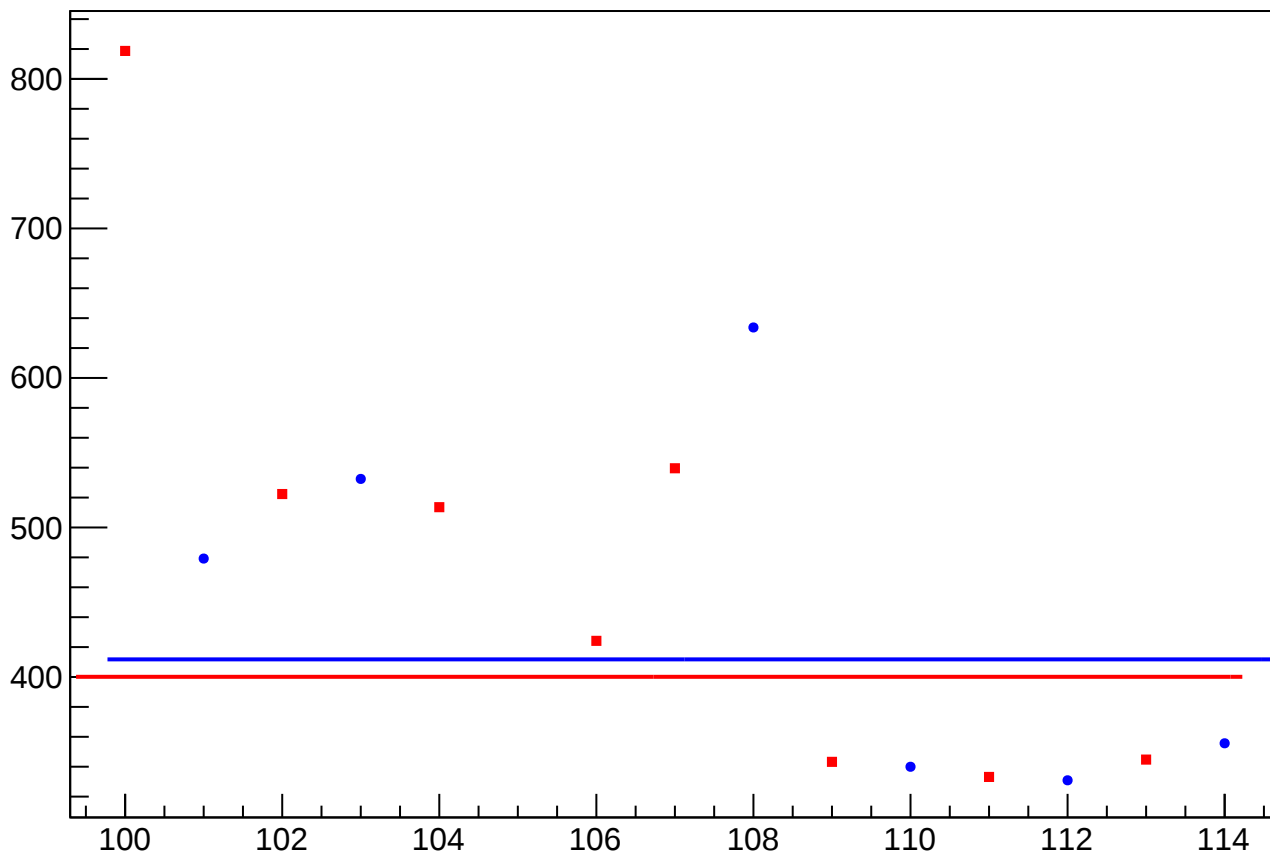
Right: -329.436 ± 175.502 χ^2/NDF : 17.6/13

In: -98.148 ± 269.846 χ^2/NDF : 10.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -329.436 ± 175.502 χ^2/NDF : 17.6/13

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 411.783+/-0.191 χ^2/NDF : 267061.6/5

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

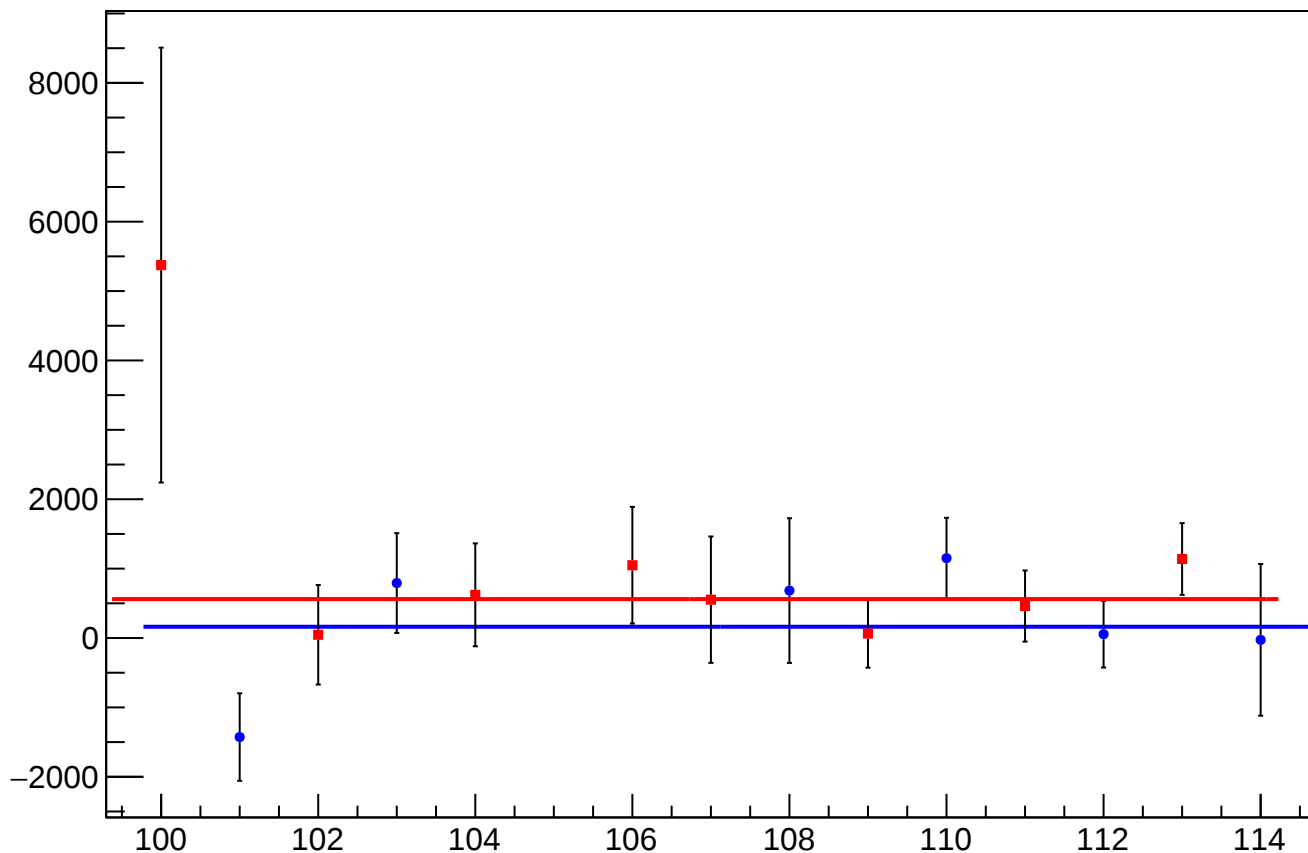
Right: 405.057+/-0.124 χ^2/NDF : 548106.1/13

In: 411.783+/-0.191 χ^2/NDF : 267061.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 405.057+/-0.124 χ^2/NDF : 548106.1/13

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 162.392+/-272.180 χ^2/NDF : 10.4/5

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

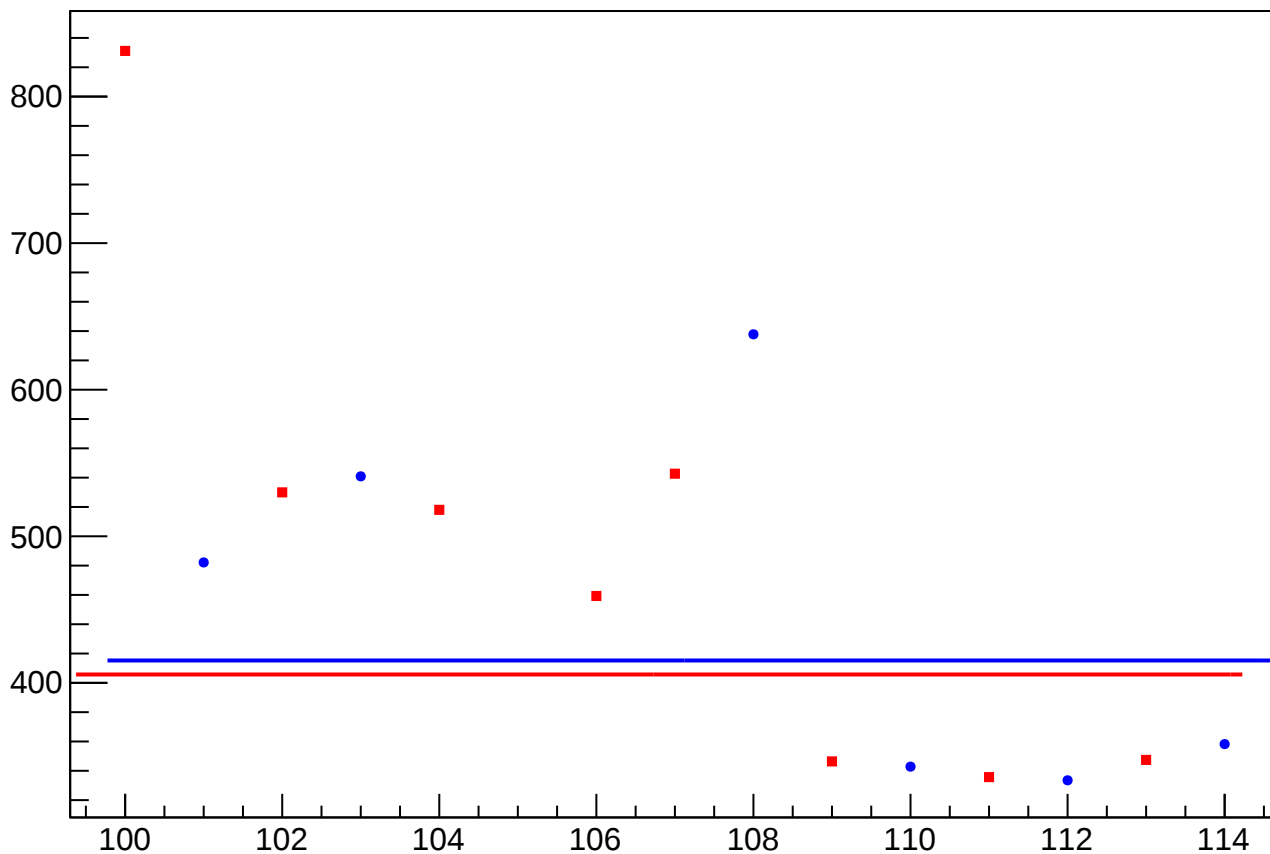
Right: 391.219+/-177.674 χ^2/NDF : 17.1/13

In: 162.392+/-272.180 χ^2/NDF : 10.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 391.219+/-177.674 χ^2/NDF : 17.1/13

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 415.264+/-0.192 χ^2/NDF : 269081.9/5

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

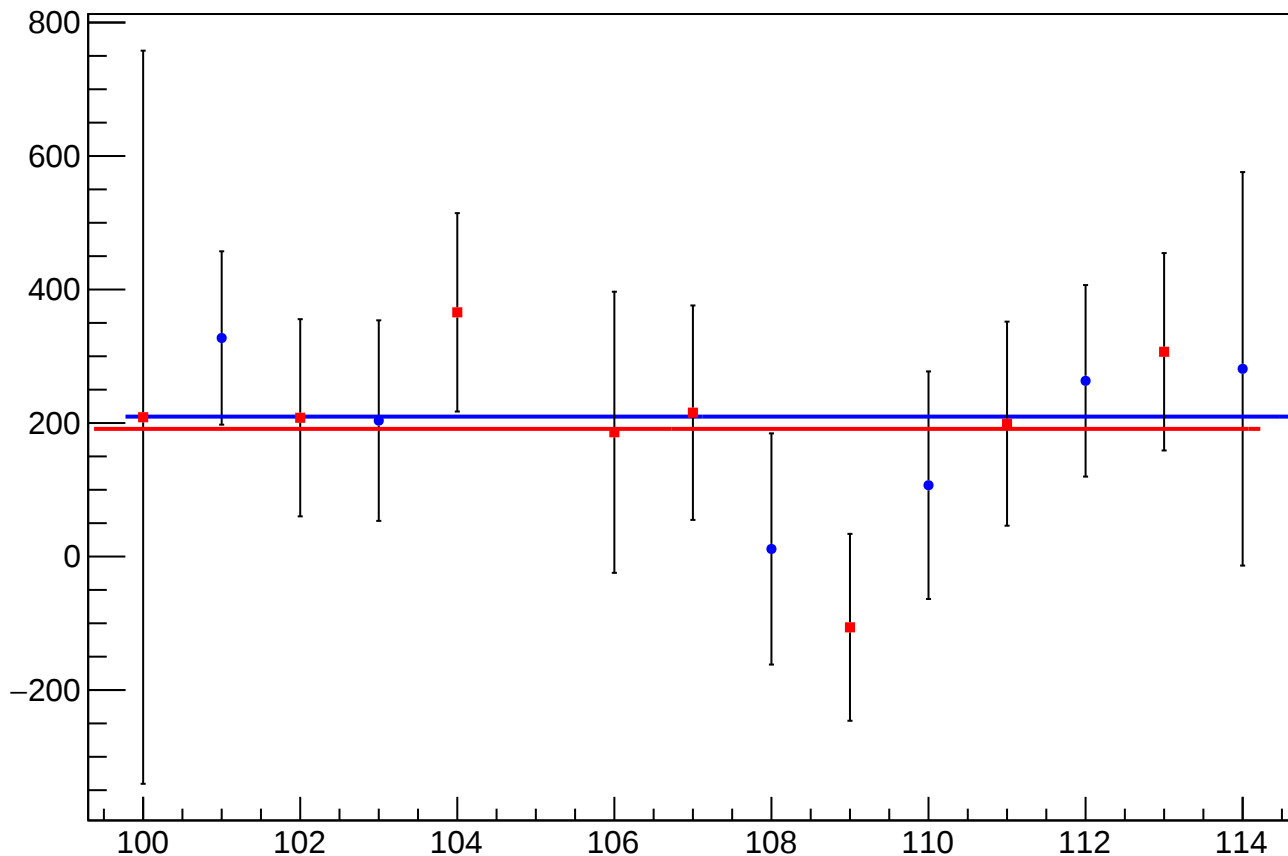
Right: 409.780+/-0.126 χ^2/NDF : 558549.9/13

In: 415.264+/-0.192 χ^2/NDF : 269081.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 409.780+/-0.126 χ^2/NDF : 558549.9/13

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 209.629 $\pm$ 65.726 χ^2 /NDF: 2.7/5

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

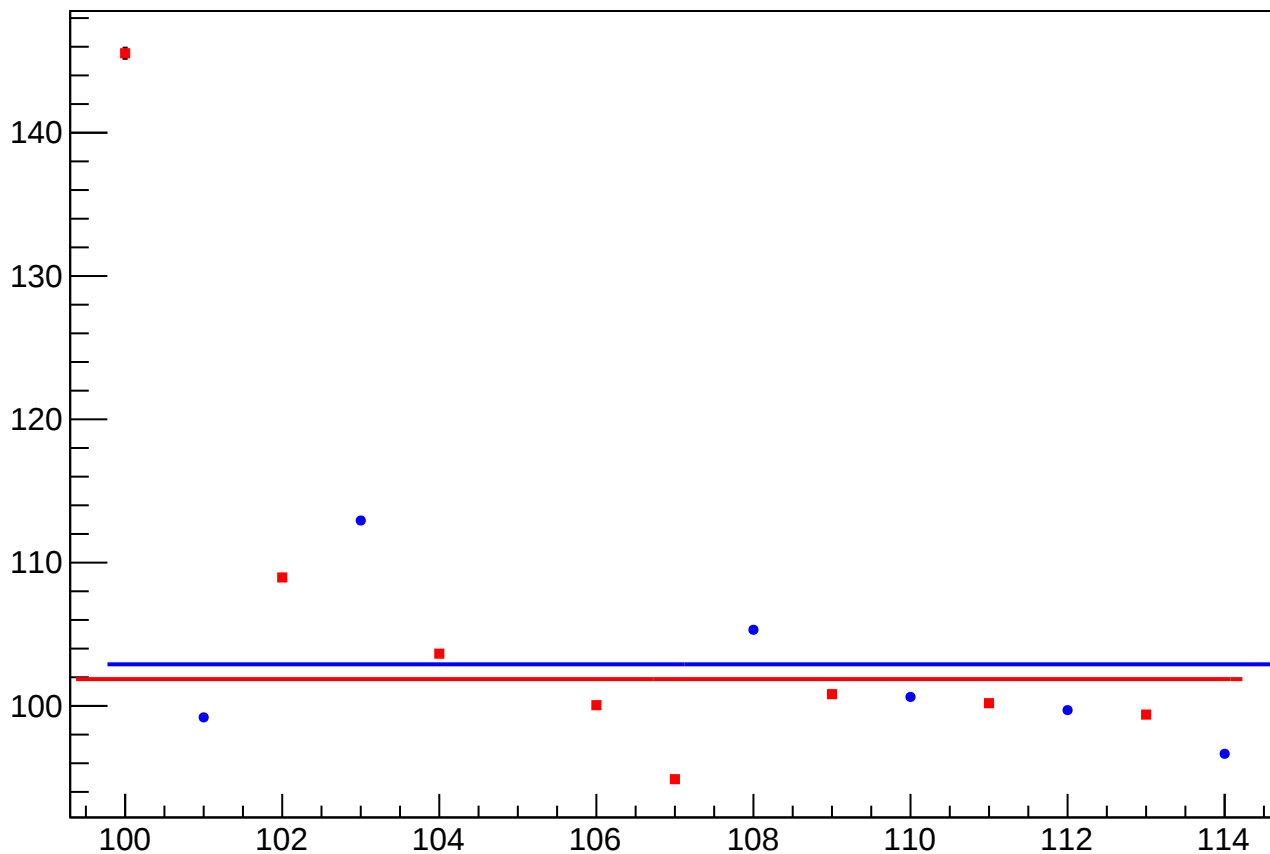
Right: 199.322 $\pm$ 43.568 χ^2 /NDF: 9.3/13

In: 209.629 $\pm$ 65.726 χ^2 /NDF: 2.7/5

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

All: 199.322 $\pm$ 43.568 χ^2 /NDF: 9.3/13

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 102.904+/-0.046 χ^2/NDF : 13184.3/5

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

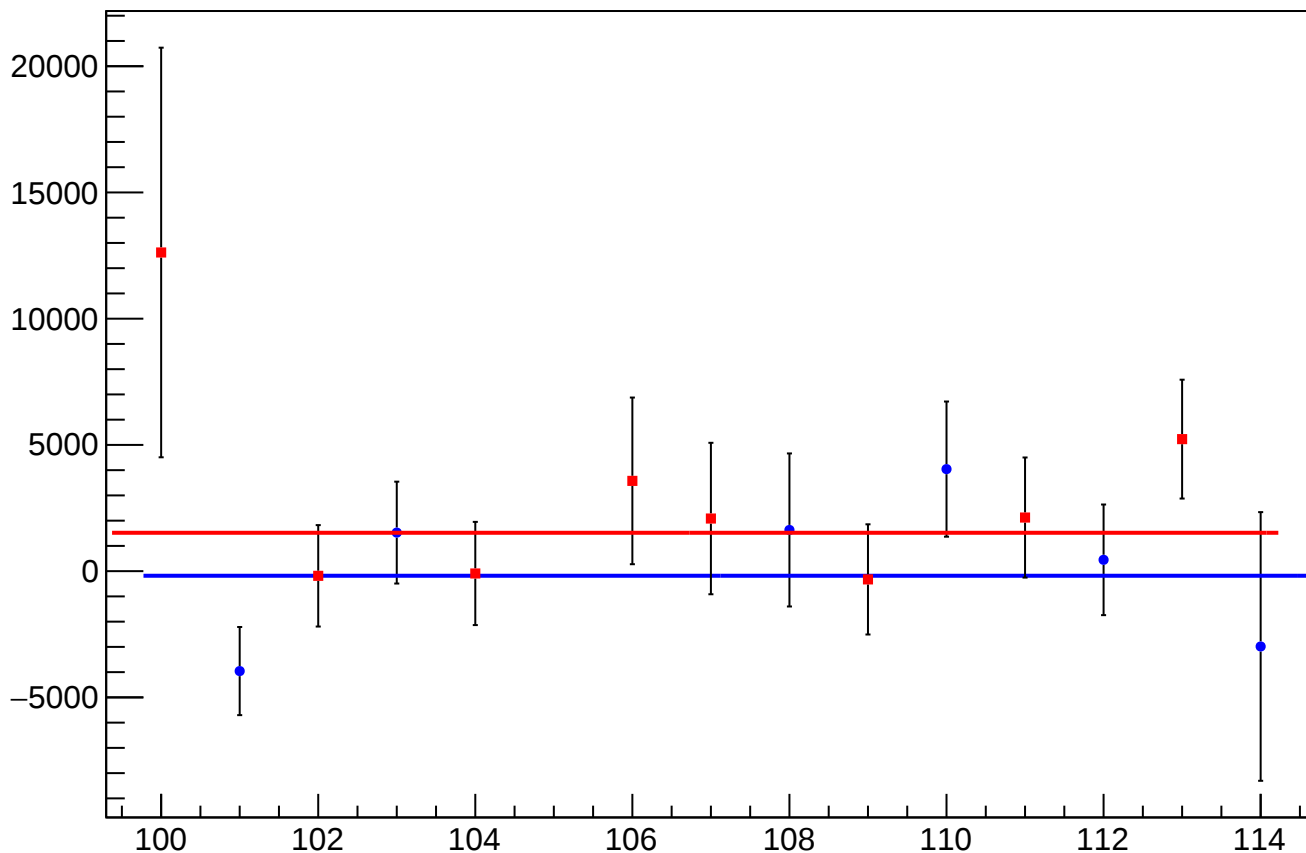
Right: 102.325+/-0.031 χ^2/NDF : 35854.5/13

In: 102.904+/-0.046 χ^2/NDF : 13184.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.325+/-0.031 χ^2/NDF : 35854.5/13

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -181.935+/-968.551 χ^2/NDF : 8.6/5

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

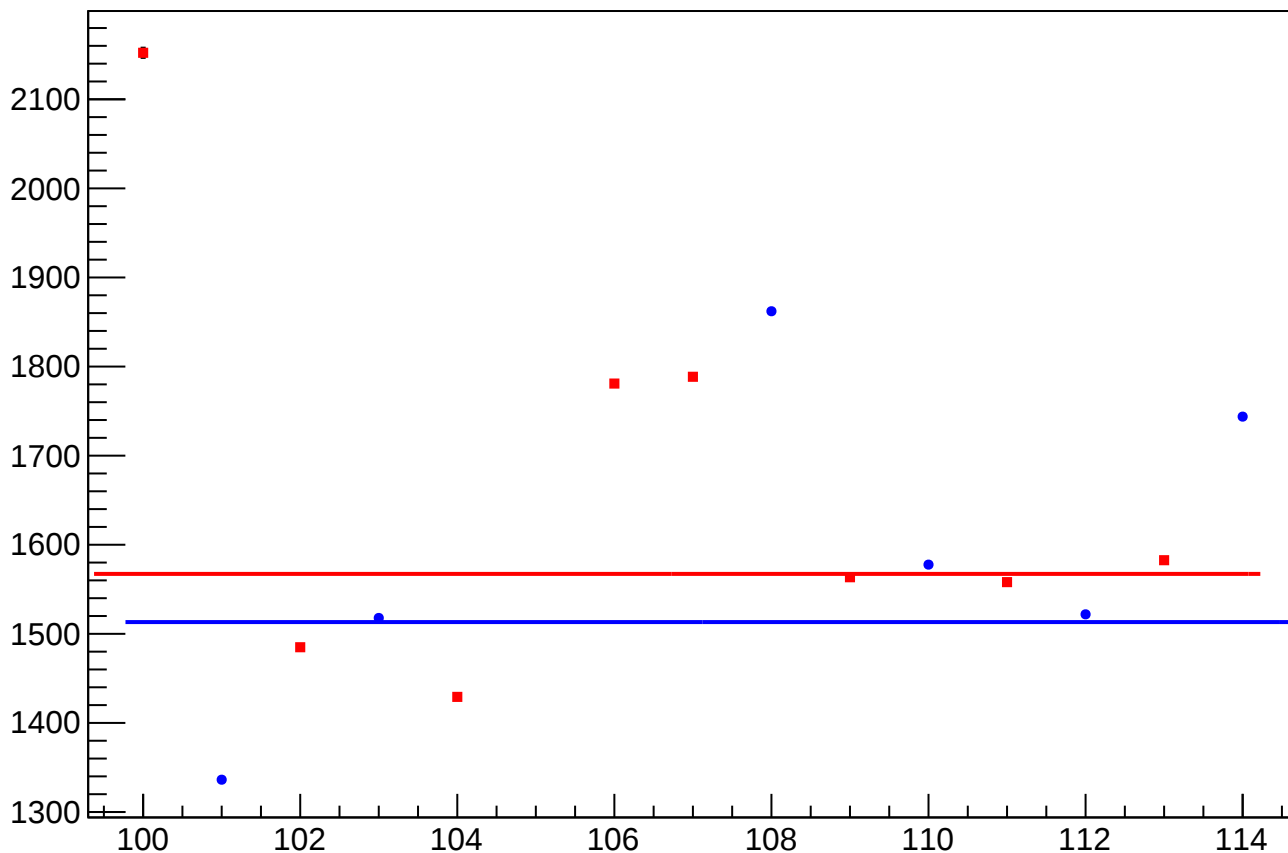
Right: 744.248+/-653.918 χ^2/NDF : 17.2/13

In: -181.935+/-968.551 χ^2/NDF : 8.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 744.248+/-653.918 χ^2/NDF : 17.2/13

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1513.199+/-0.685 χ^2/NDF : 52009.4/5

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

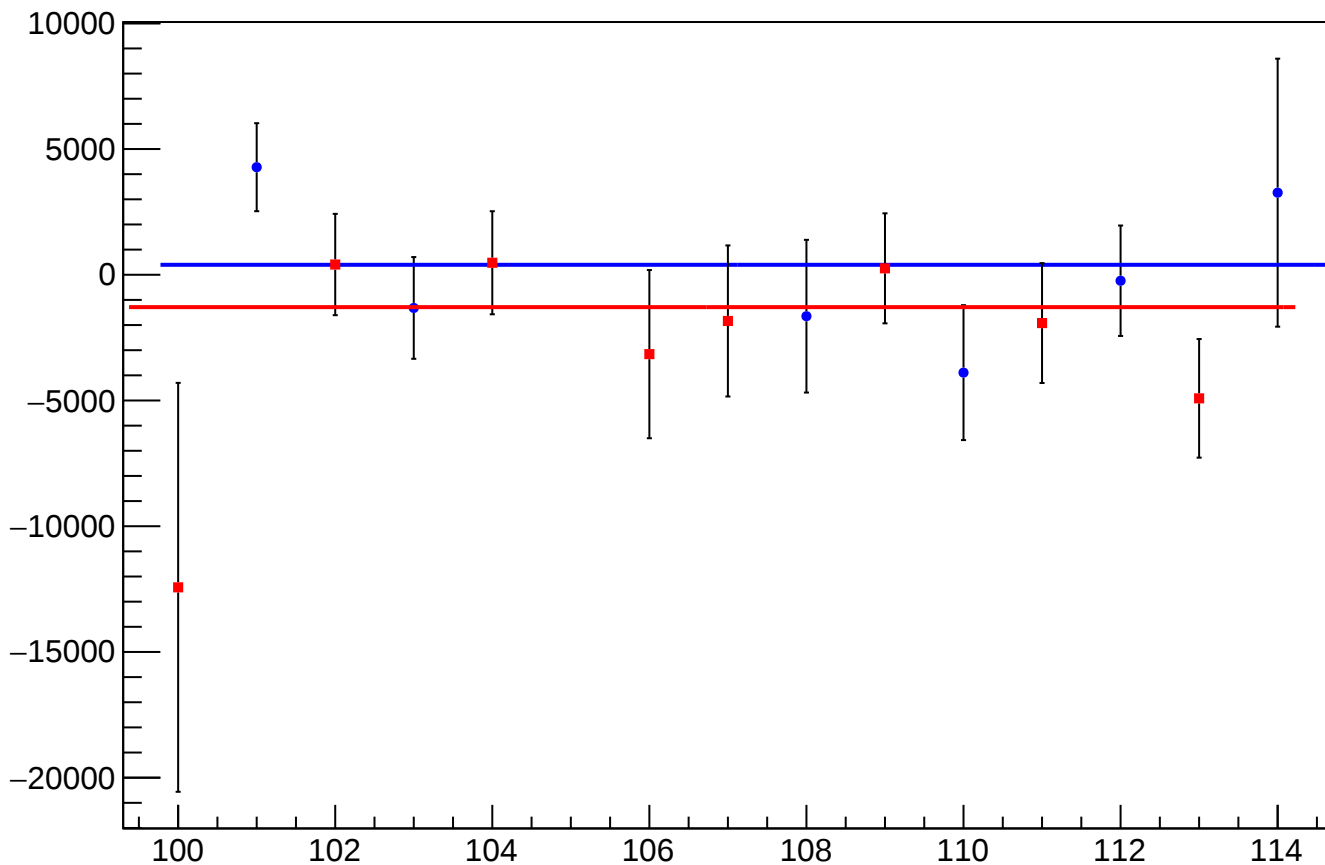
Right: 1542.625+/-0.462 χ^2/NDF : 97668.9/13

In: 1513.199+/-0.685 χ^2/NDF : 52009.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1542.625+/-0.462 χ^2/NDF : 97668.9/13

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 395.830+/-970.916 χ^2/NDF : 9.0/5

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

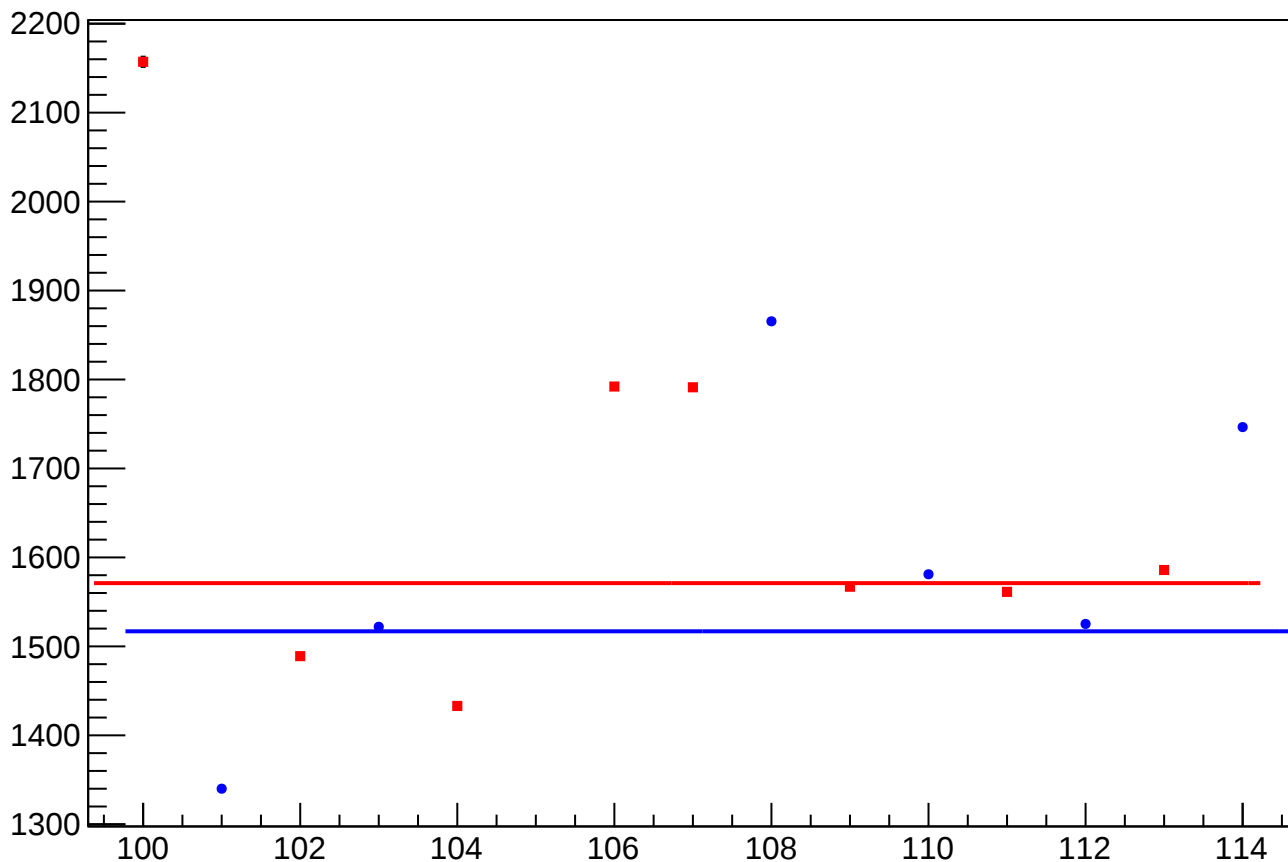
Right: -519.506+/-655.742 χ^2/NDF : 17.3/13

In: 395.830+/-970.916 χ^2/NDF : 9.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -519.506+/-655.742 χ^2/NDF : 17.3/13

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1516.953+/-0.687 χ^2/NDF : 51670.7/5

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

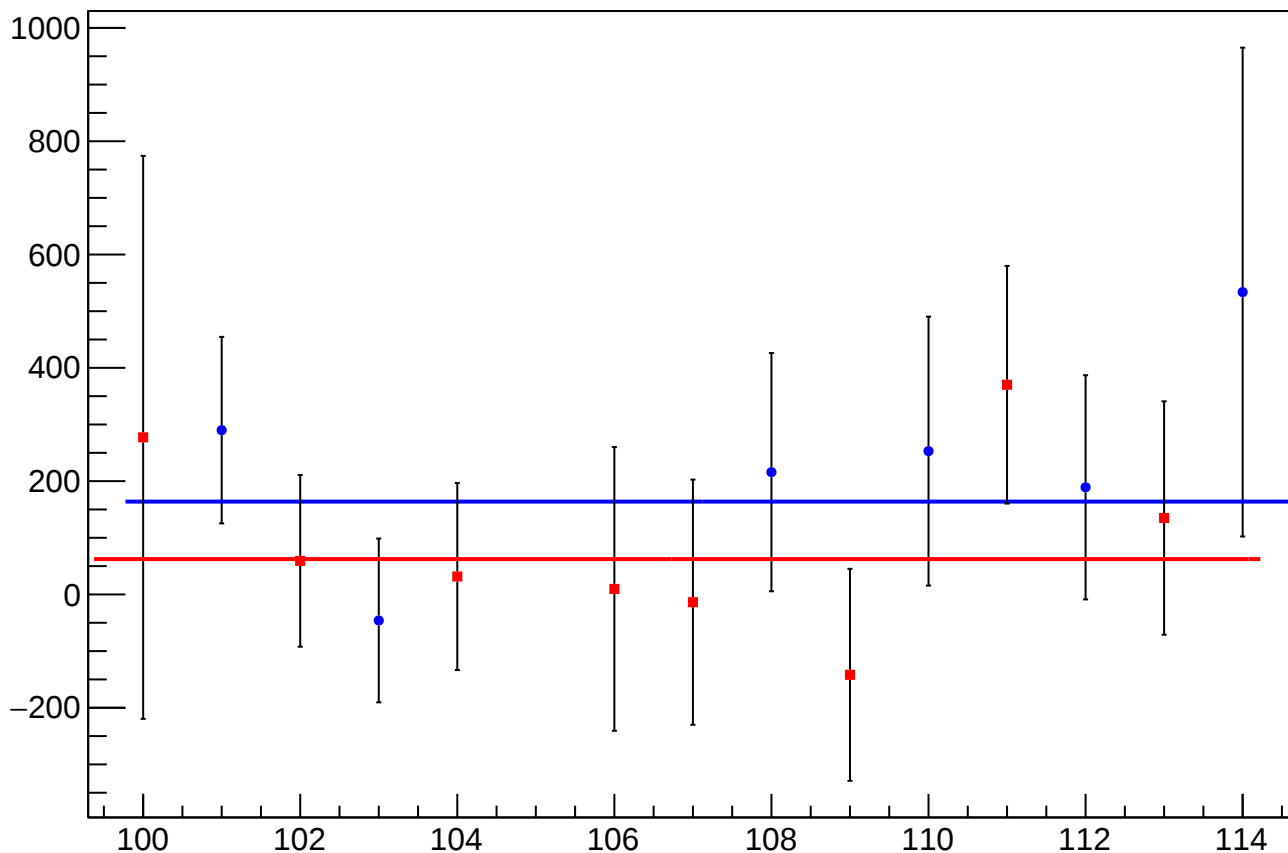
Right: 1546.403+/-0.464 χ^2/NDF : 97437.5/13

In: 1516.953+/-0.687 χ^2/NDF : 51670.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1546.403+/-0.464 χ^2/NDF : 97437.5/13

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 163.901 $\pm$ 80.050 χ^2 /NDF: 3.6/5

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

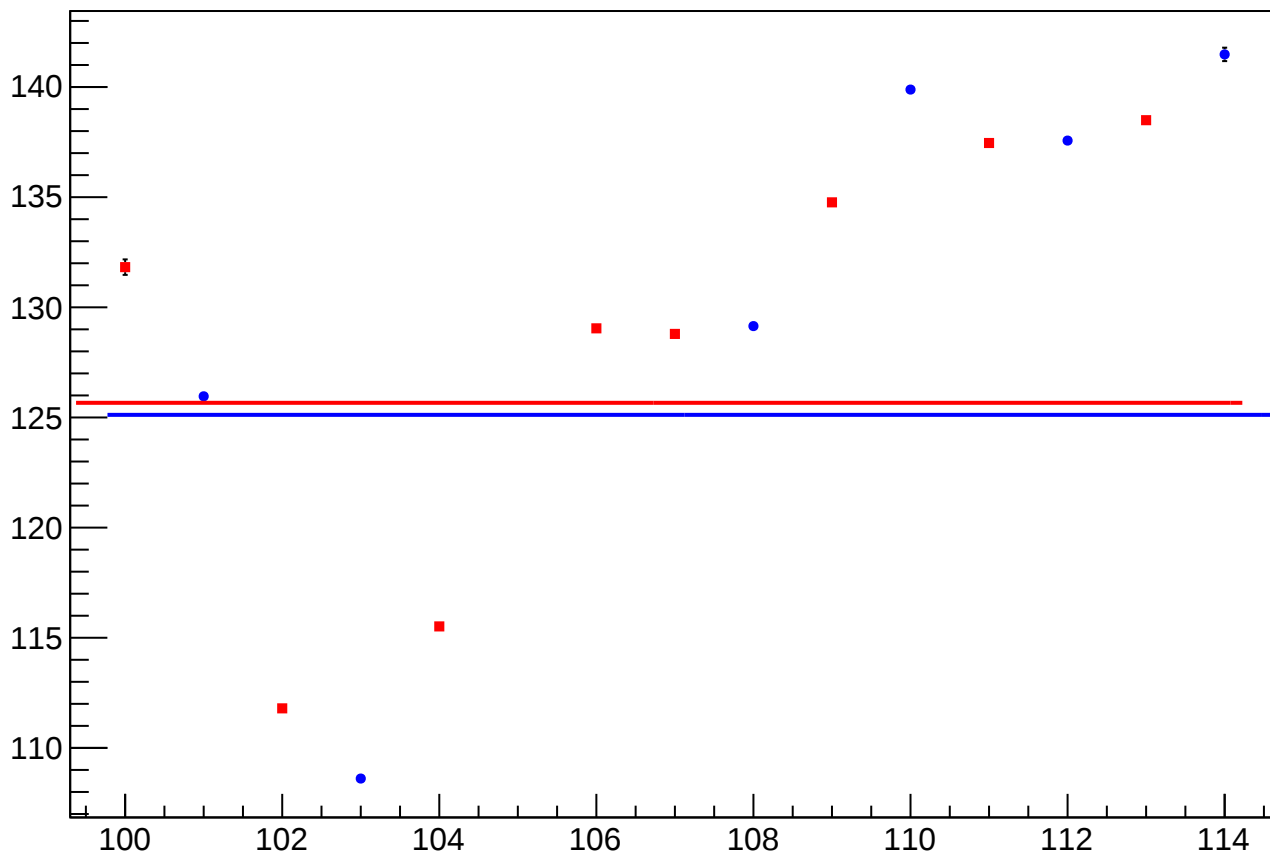
Right: 107.367 $\pm$ 53.262 χ^2 /NDF: 8.4/13

In: 163.901 $\pm$ 80.050 χ^2 /NDF: 3.6/5

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

All: 107.367 $\pm$ 53.262 χ^2 /NDF: 8.4/13

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 125.119+/-0.057 χ^2/NDF : 45412.4/5

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

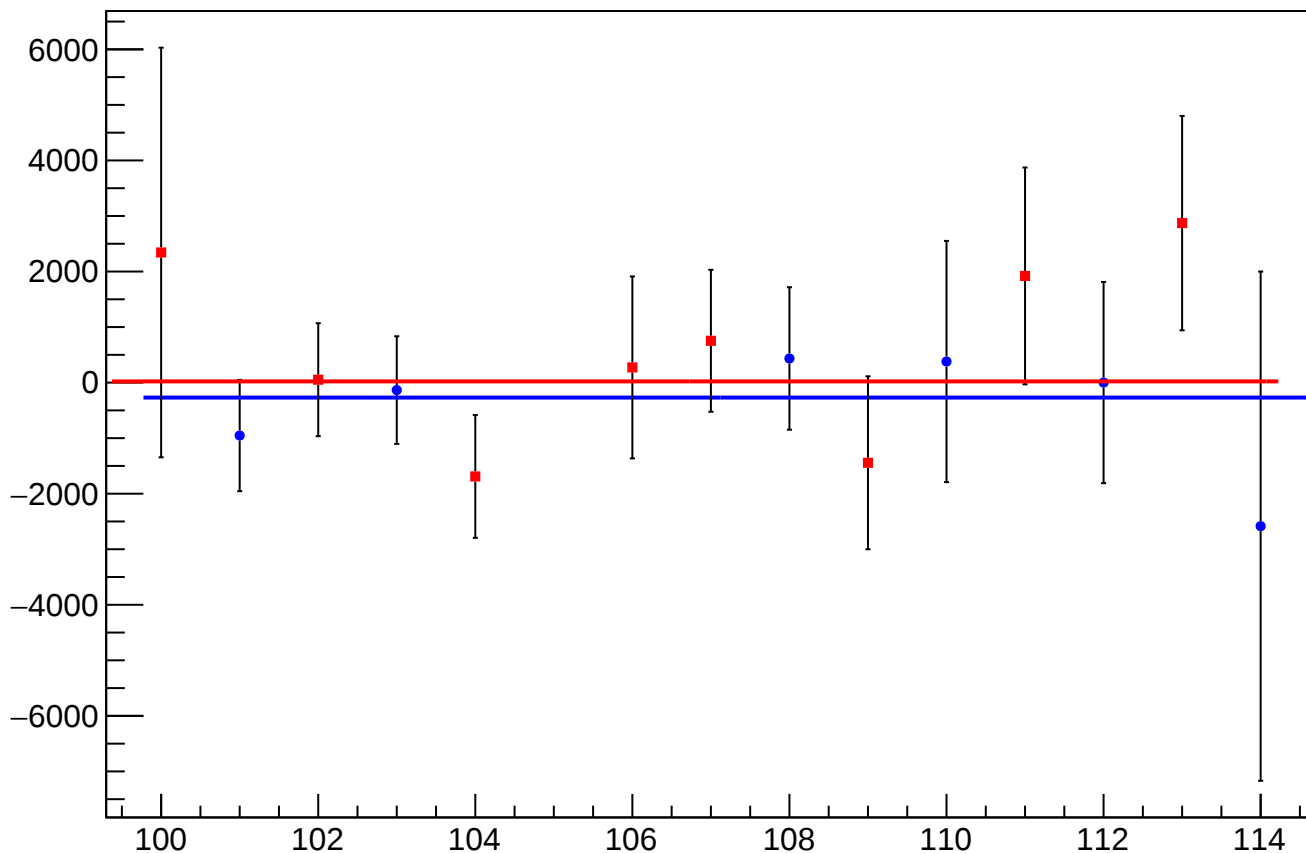
Right: 125.423+/-0.038 χ^2/NDF : 89680.3/13

In: 125.119+/-0.057 χ^2/NDF : 45412.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.423+/-0.038 χ^2/NDF : 89680.3/13

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -269.166+/-556.114 χ^2/NDF : 1.2/5

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

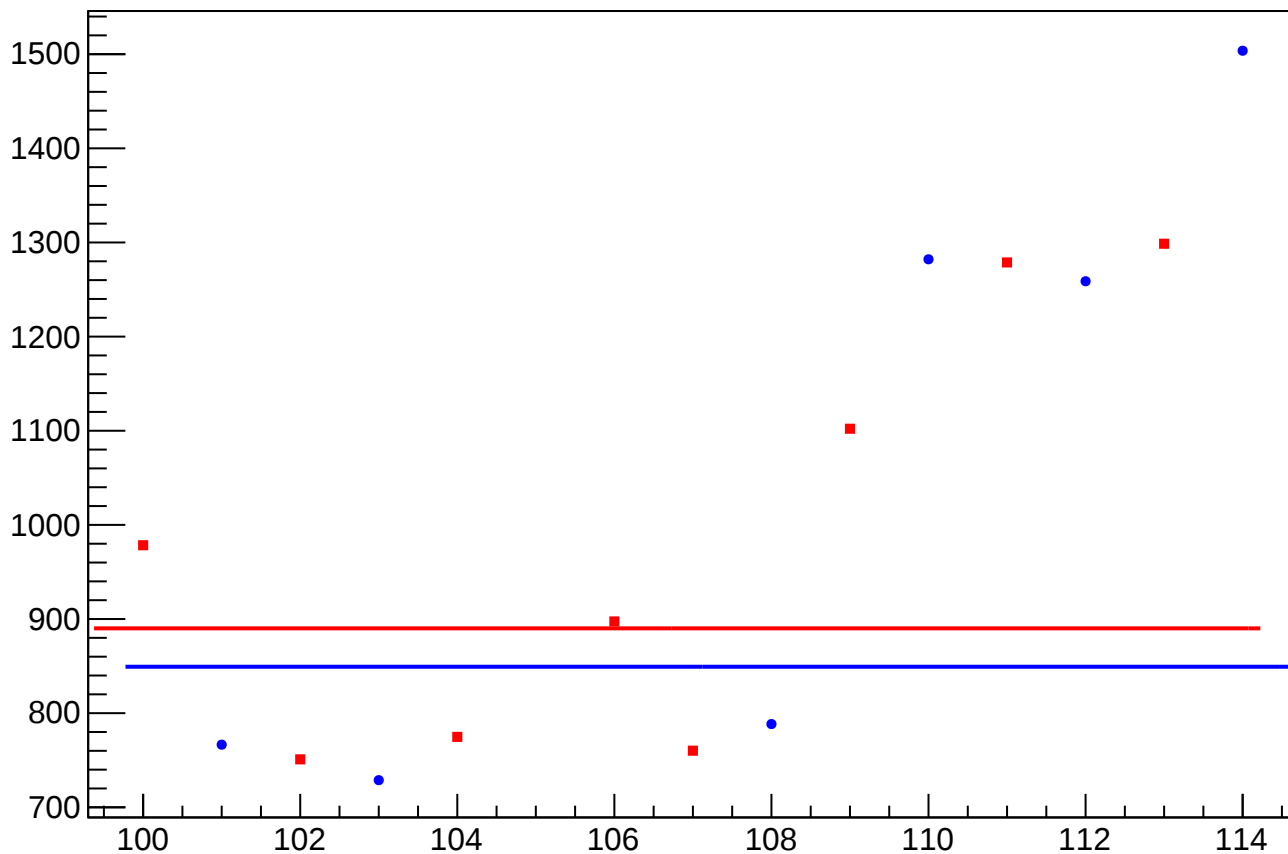
Right: -112.099+/-377.406 χ^2/NDF : 8.5/13

In: -269.166+/-556.114 χ^2/NDF : 1.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -112.099+/-377.406 χ^2/NDF : 8.5/13

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 849.320+/-0.393 χ^2/NDF : 271514.7/5

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

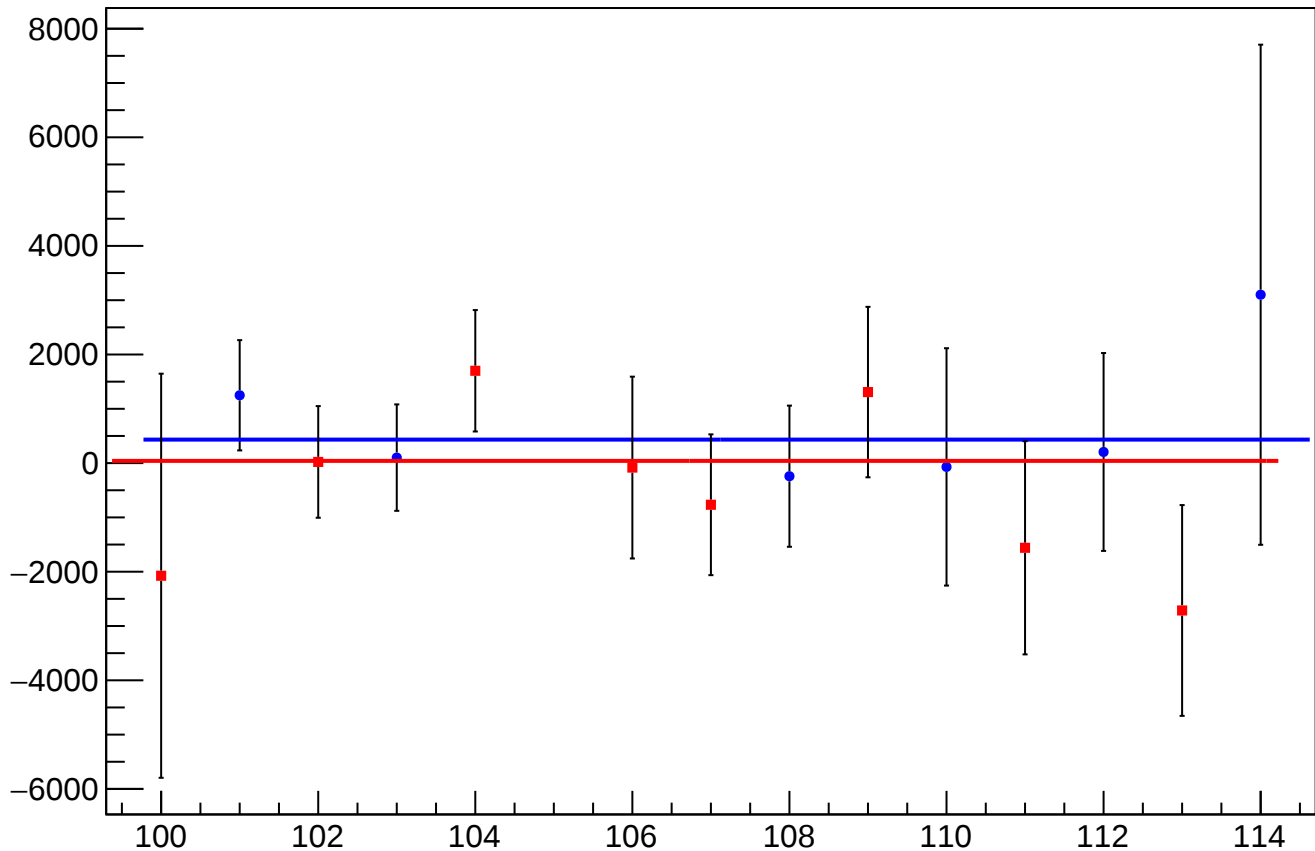
Right: 871.309+/-0.267 χ^2/NDF : 564424.9/13

In: 849.320+/-0.393 χ^2/NDF : 271514.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 871.309+/-0.267 χ^2/NDF : 564424.9/13

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 432.761+/-562.493 χ^2/NDF : 1.4/5

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

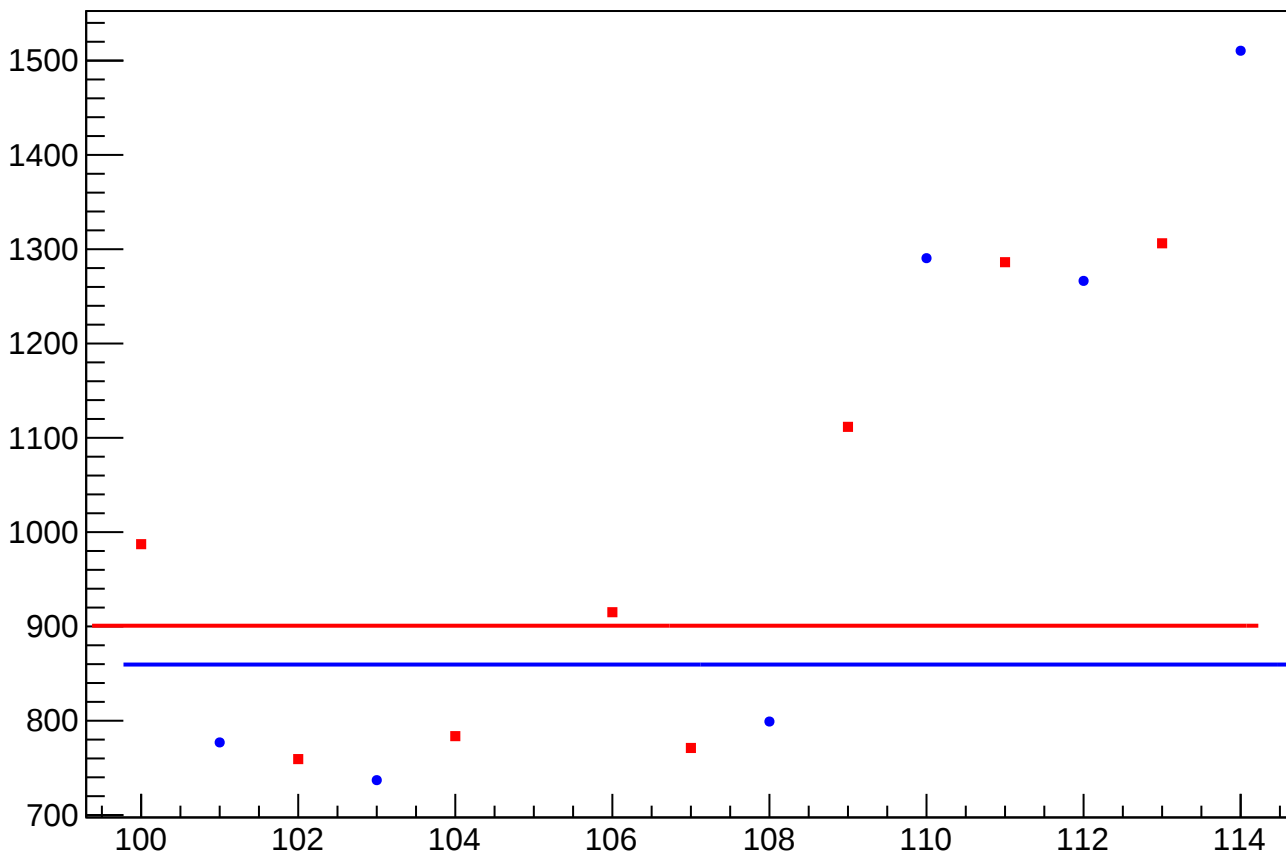
Right: 221.369+/-381.769 χ^2/NDF : 7.9/13

In: 432.761+/-562.493 χ^2/NDF : 1.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 221.369+/-381.769 χ^2/NDF : 7.9/13

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 859.576+/-0.398 χ^2/NDF : 266277.3/5

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

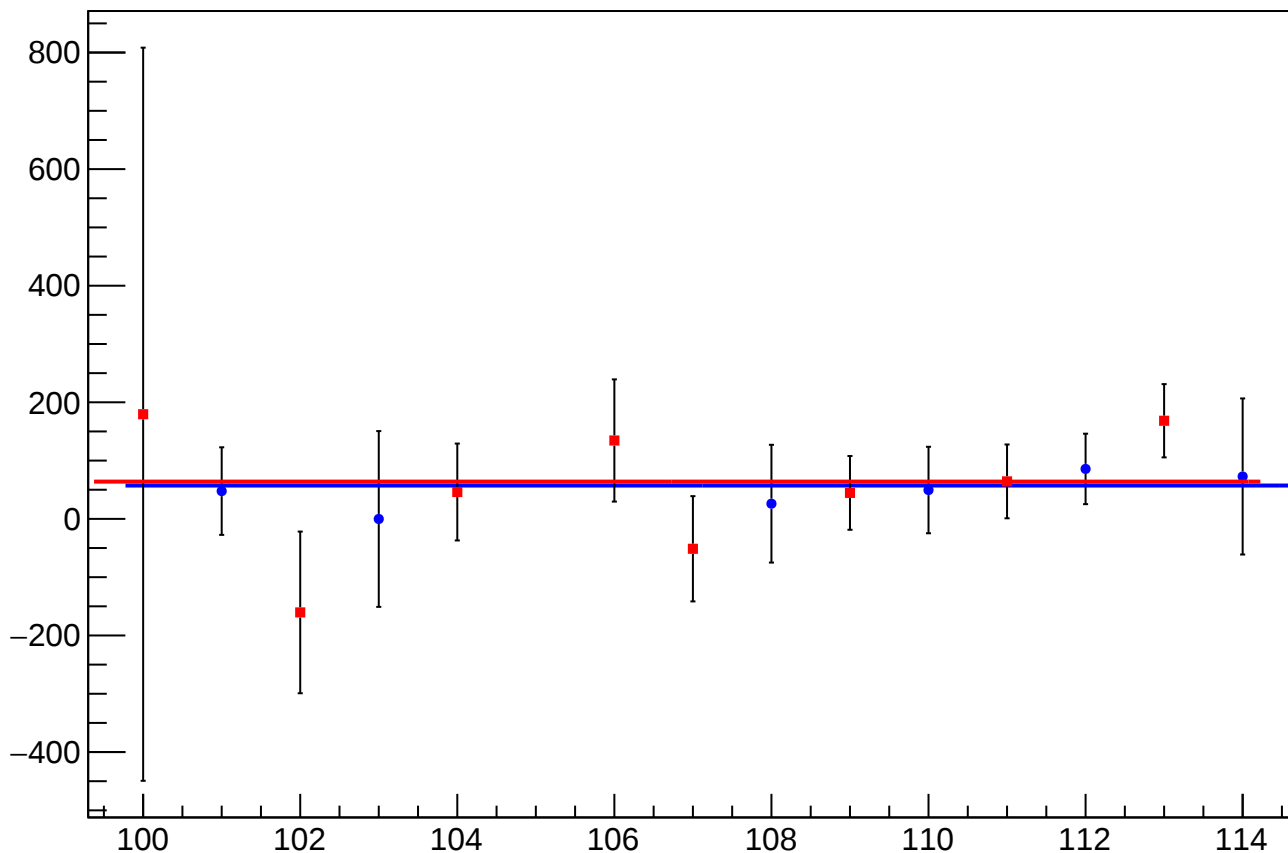
Right: 881.786+/-0.270 χ^2/NDF : 553562.7/13

In: 859.576+/-0.398 χ^2/NDF : 266277.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 881.786+/-0.270 χ^2/NDF : 553562.7/13

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 57.204+/-34.700 χ^2/NDF : 0.5/5

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

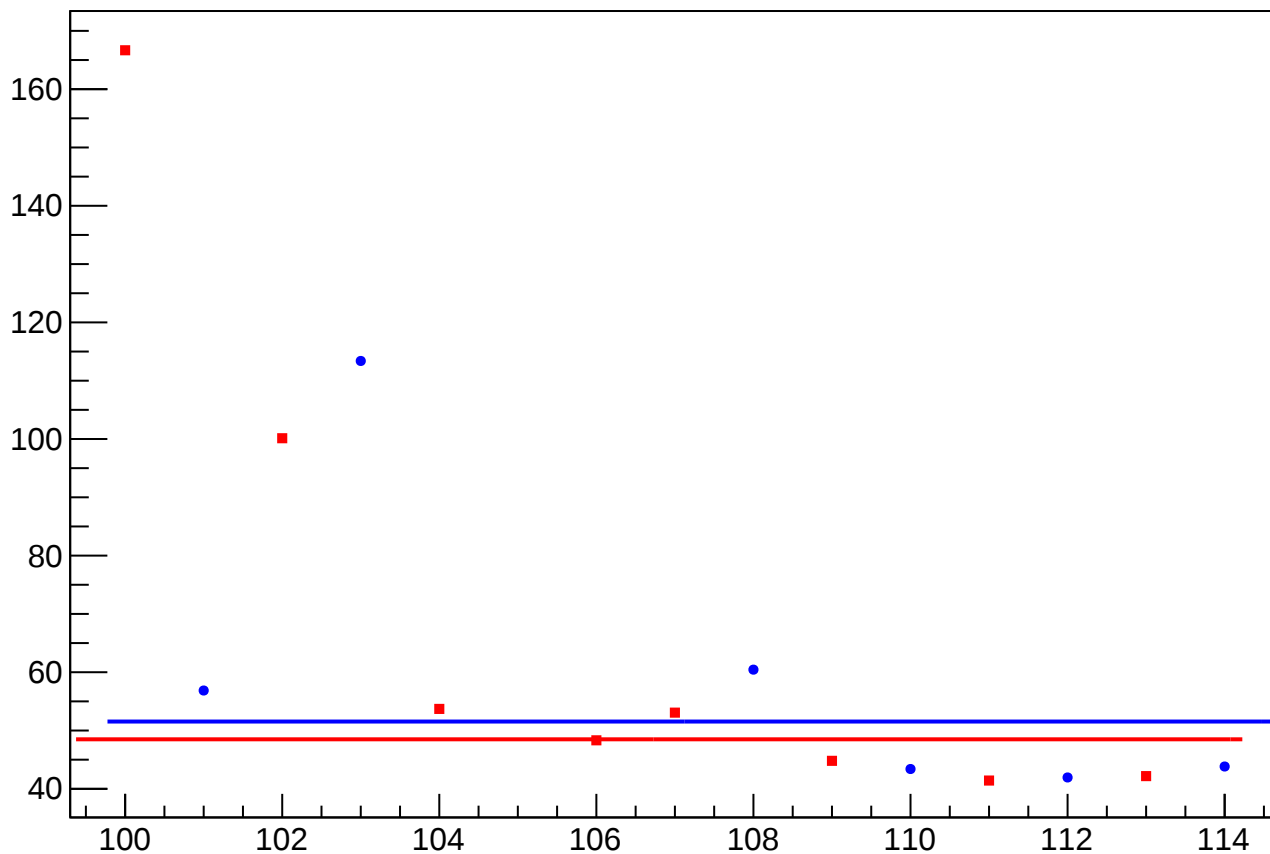
Right: 61.138+/-22.382 χ^2/NDF : 8.2/13

In: 57.204+/-34.700 χ^2/NDF : 0.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.138+/-22.382 χ^2/NDF : 8.2/13

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 51.542 $\pm$ 0.025 χ^2 /NDF: 443107.8/5

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

Right Out: 48.494 $\pm$ 0.021 χ^2 /NDF: 412889.0/7

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

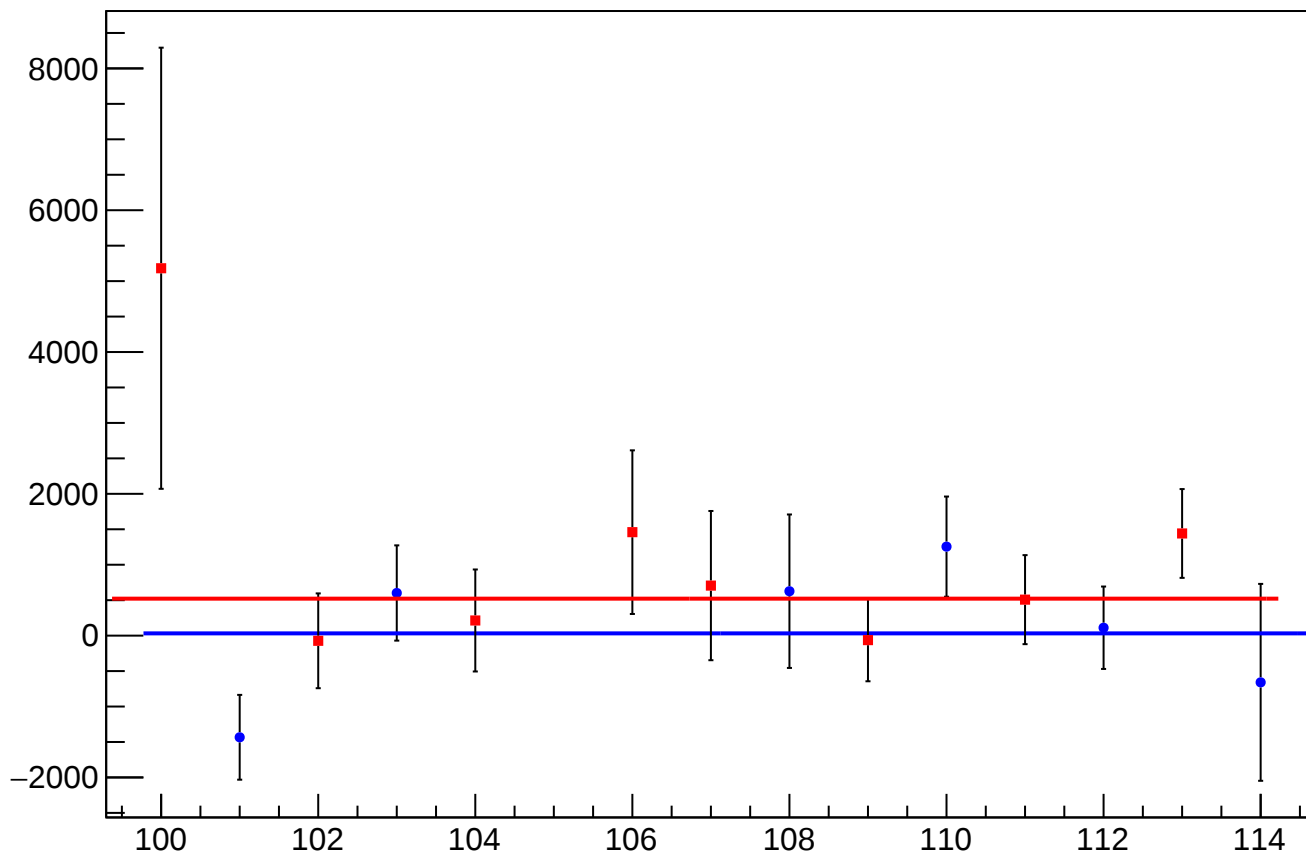
Right: 49.762 $\pm$ 0.016 χ^2 /NDF: 865009.6/13

In: 51.542 $\pm$ 0.025 χ^2 /NDF:443107.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 49.762 $\pm$ 0.016 χ^2 /NDF: 865009.6/13

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: 31.864 $\pm$ 296.840 χ^2/NDF : 10.3/5

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

Right Out: 521.534 $\pm$ 267.417 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

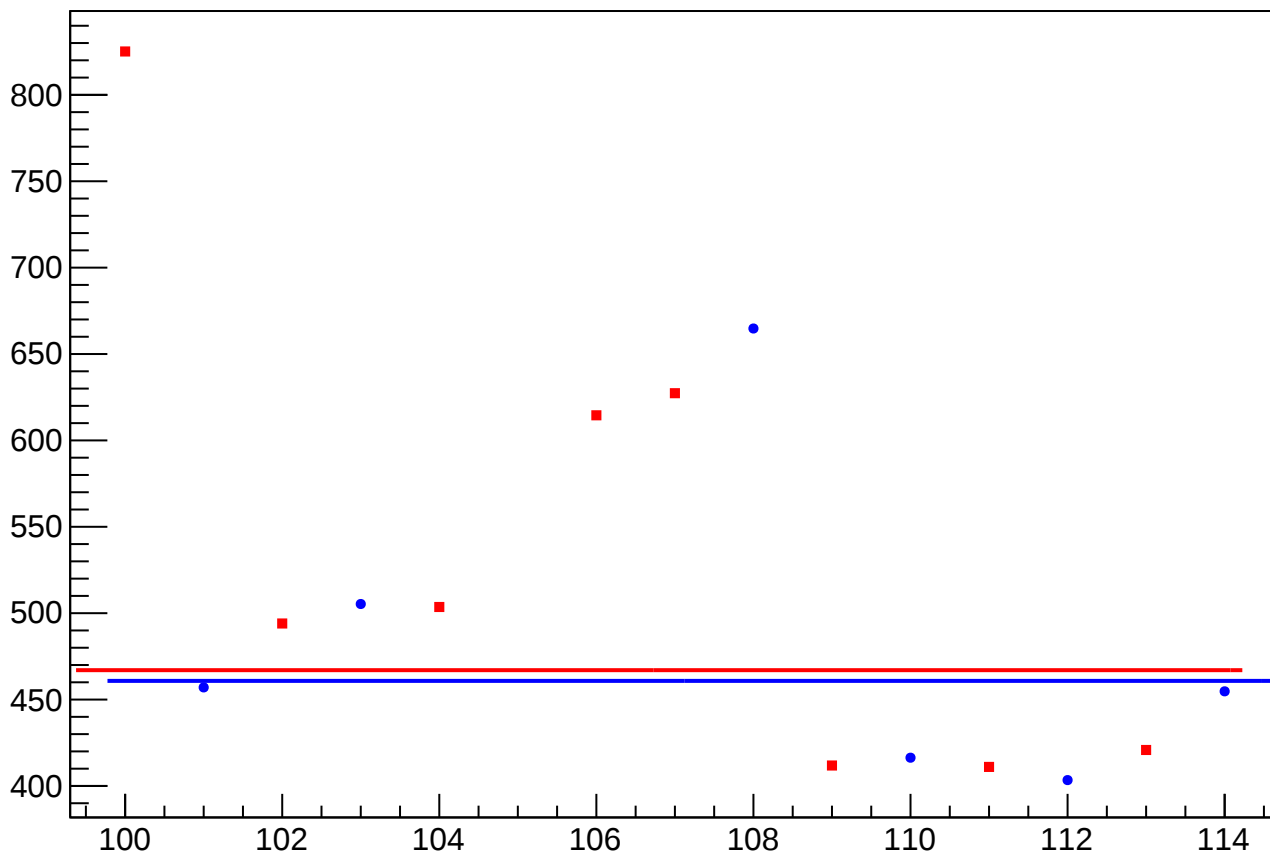
Right: 302.163 $\pm$ 198.683 χ^2/NDF : 18.9/13

In: 31.864 $\pm$ 296.840 χ^2/NDF : 10.3/5

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

All: 302.163 $\pm$ 198.683 χ^2/NDF : 18.9/13

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 460.814 $\pm$ 0.210 χ^2 /NDF: 107378.7/5

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

Right Out: 467.017 $\pm$ 0.189 χ^2 /NDF: 158909.5/7

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

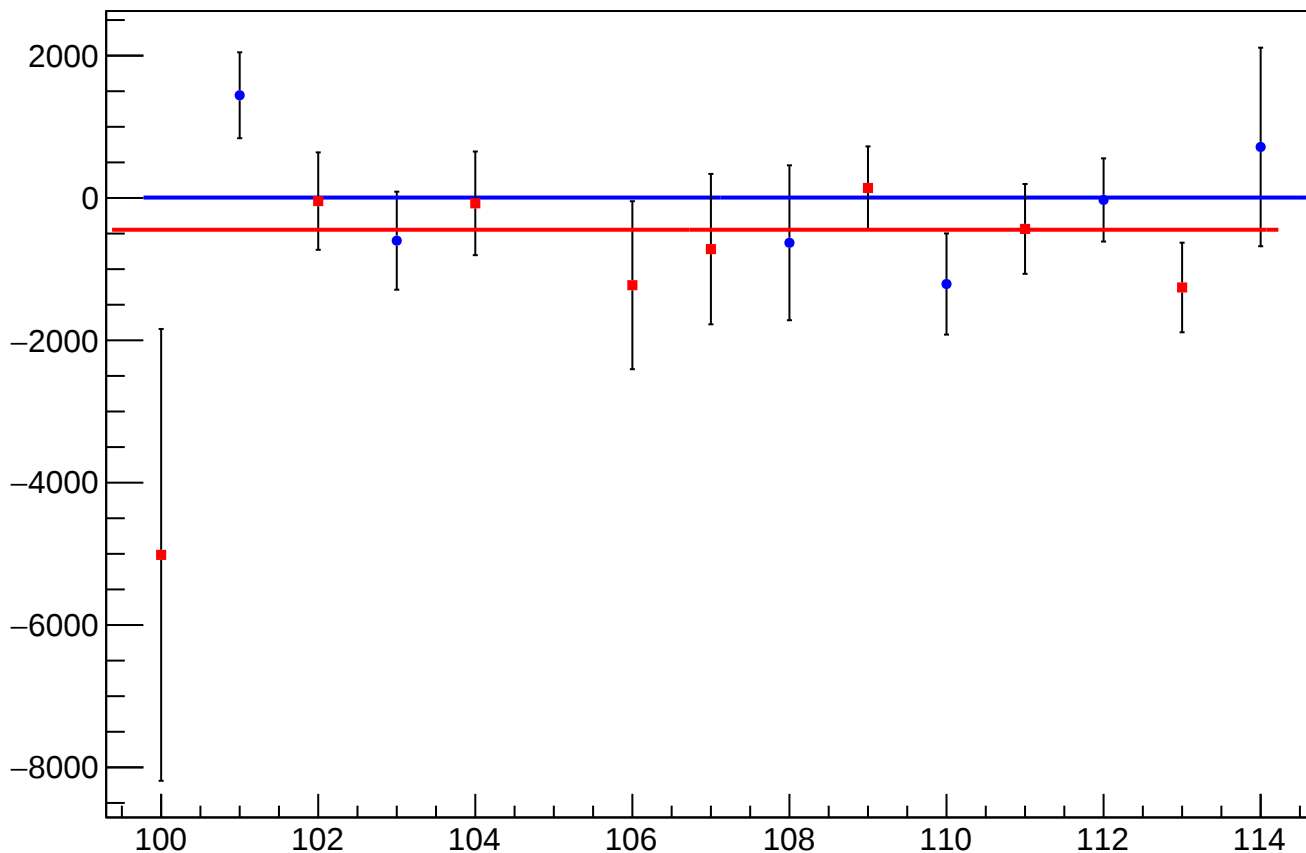
Right: 464.238 $\pm$ 0.140 χ^2 /NDF: 266770.2/13

In: 460.814 $\pm$ 0.210 χ^2 /NDF:107378.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 464.238 $\pm$ 0.140 χ^2 /NDF: 266770.2/13

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 5.879 ± 299.840 $\chi^2/\text{NDF}: 10.0/5$

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

Right Out: -446.198 ± 270.231 $\chi^2/\text{NDF}: 5.8/7$

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

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

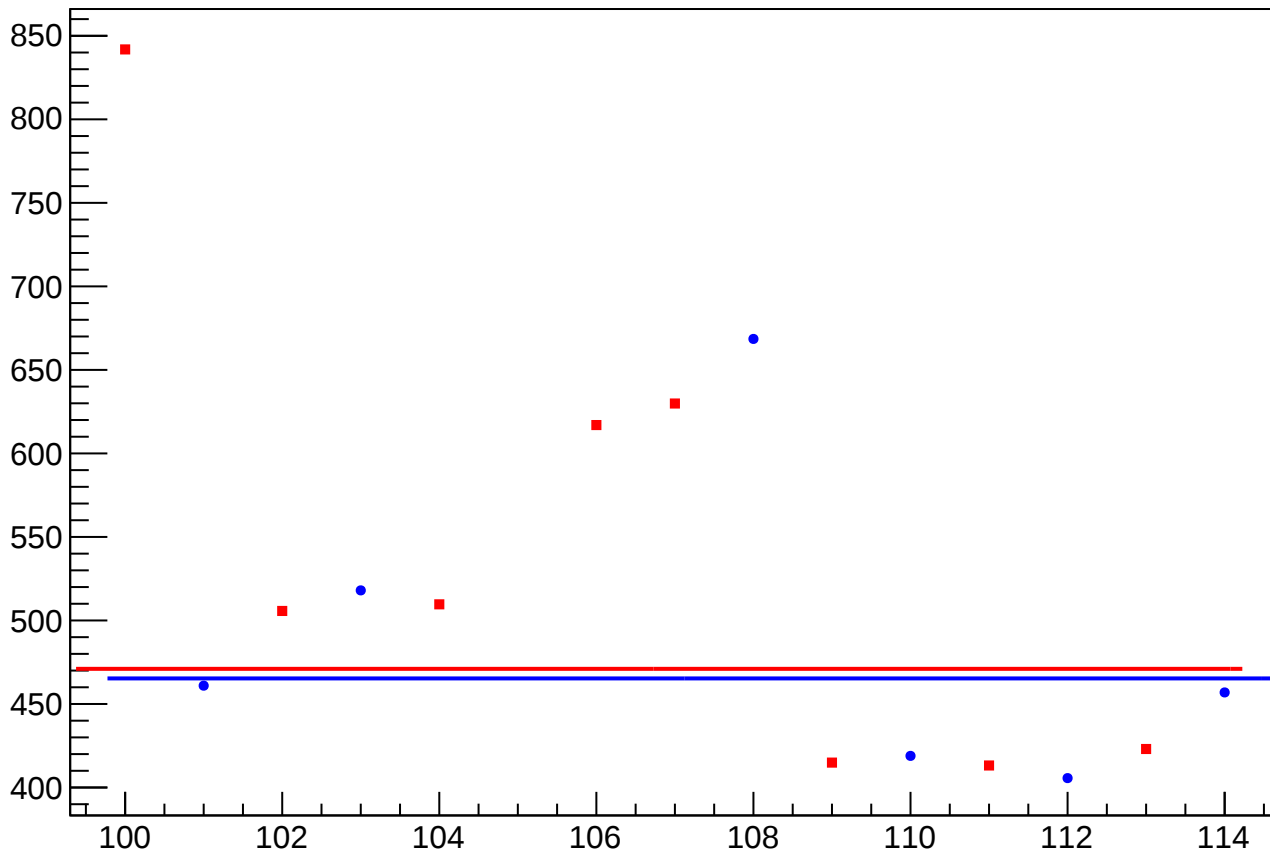
Right: -243.577 ± 200.737 $\chi^2/\text{NDF}: 17.1/13$

In: 5.879 ± 299.840 $\chi^2/\text{NDF}: 10.0/5$

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

All: -243.577 ± 200.737 $\chi^2/\text{NDF}: 17.1/13$

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 465.300+/-0.212 χ^2/NDF : 111009.2/5

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

Right Out: 471.041+/-0.191 χ^2/NDF : 160705.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

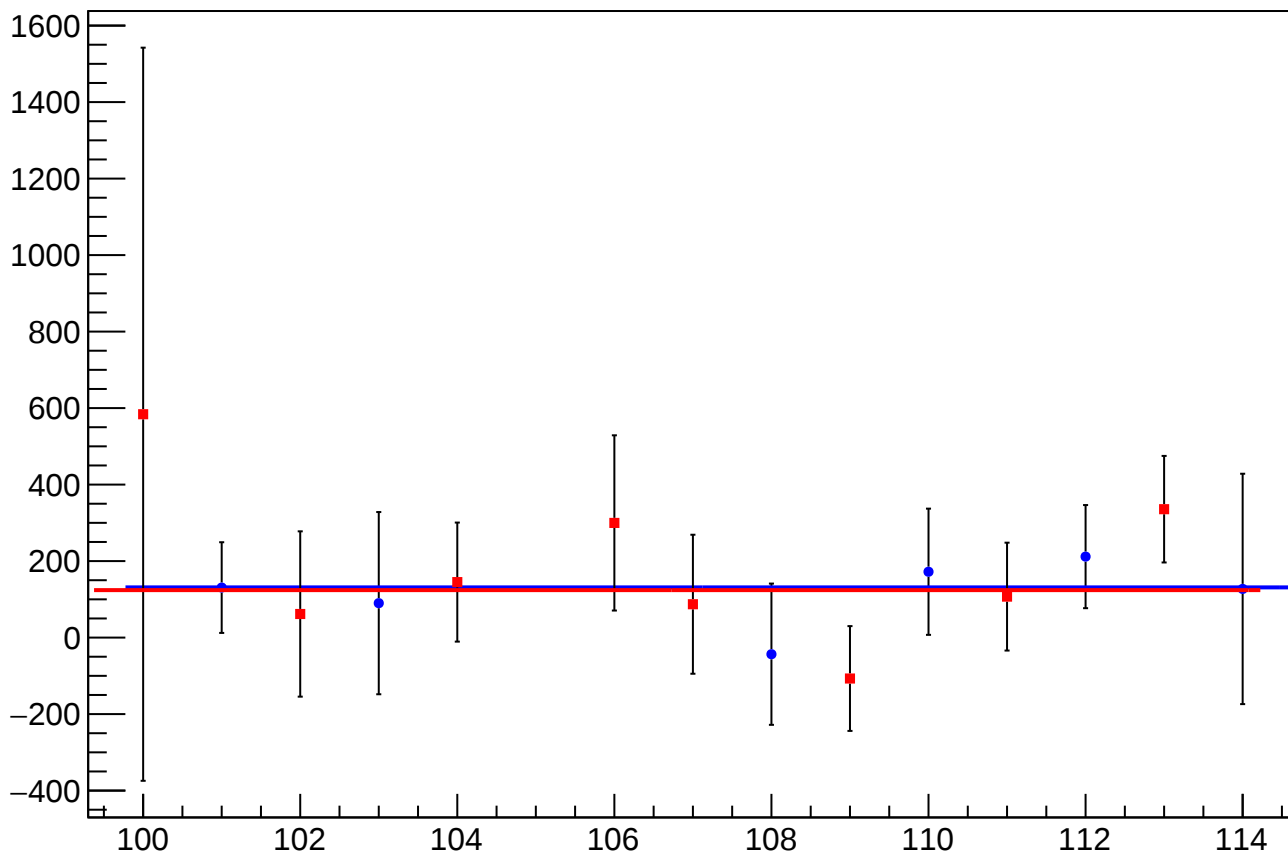
Right: 468.468+/-0.142 χ^2/NDF : 272119.6/13

In: 465.300+/-0.212 χ^2/NDF : 111009.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 468.468+/-0.142 χ^2/NDF : 272119.6/13

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 131.247 $\pm$ 67.286 χ^2 /NDF: 1.3/5

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

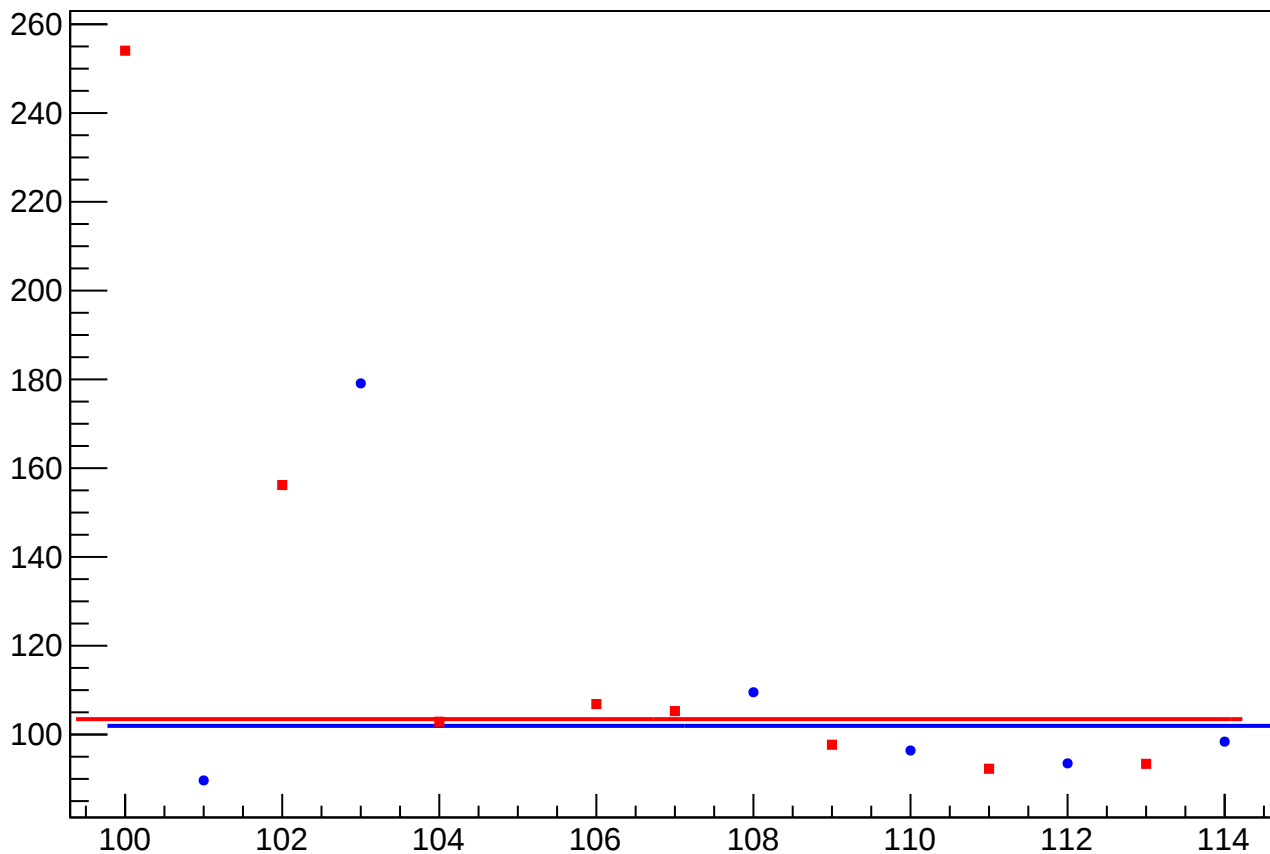
Right: 127.330 $\pm$ 45.216 χ^2 /NDF: 7.5/13

In: 131.247 $\pm$ 67.286 χ^2 /NDF: 1.3/5

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

All: 127.330 $\pm$ 45.216 χ^2 /NDF: 7.5/13

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 101.947 $\pm$ 0.048 χ^2 /NDF: 245055.8/5

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

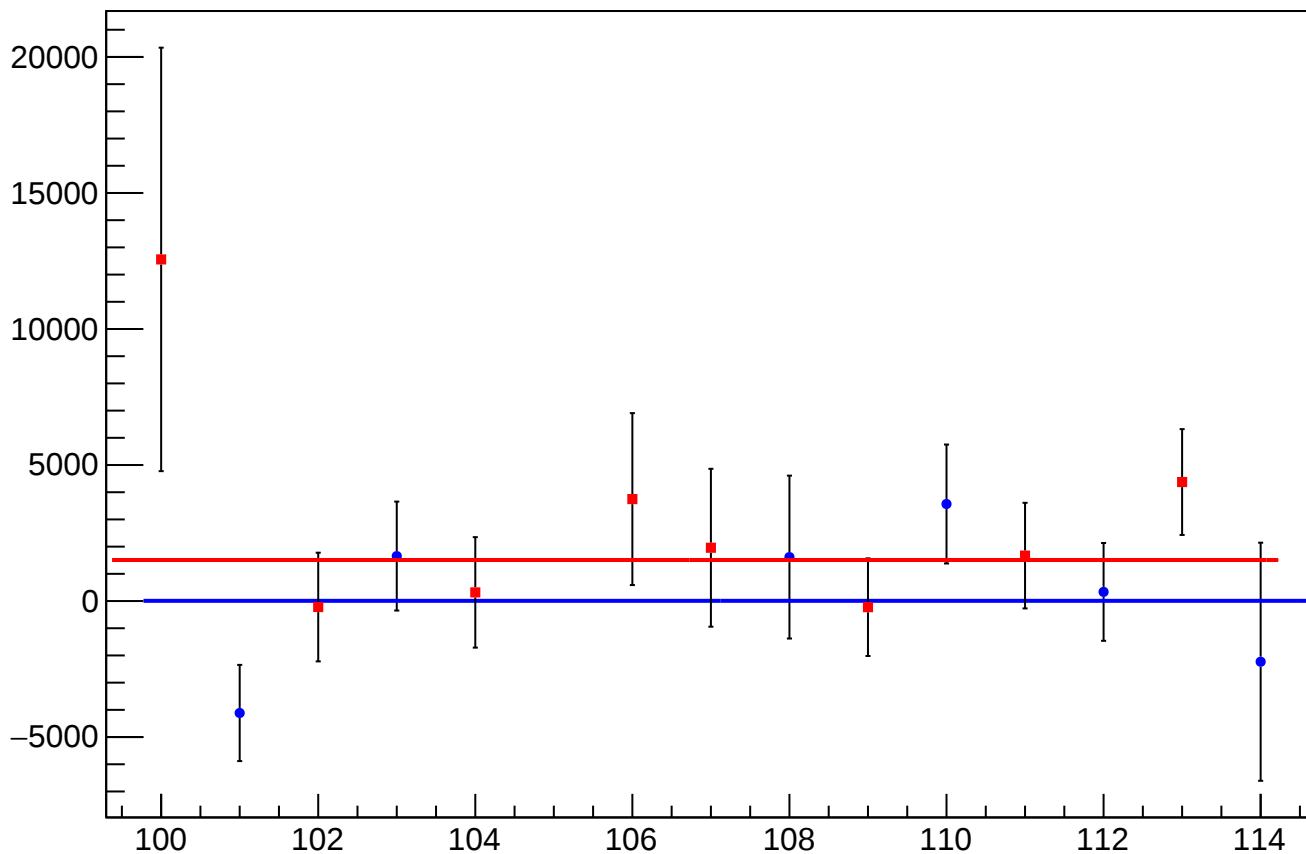
Right: 102.779 $\pm$ 0.032 χ^2 /NDF: 441319.2/13

In: 101.947 $\pm$ 0.048 χ^2 /NDF:245055.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 102.779 $\pm$ 0.032 χ^2 /NDF: 441319.2/13

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: 7.949+/-893.882 χ^2/NDF : 9.3/5

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

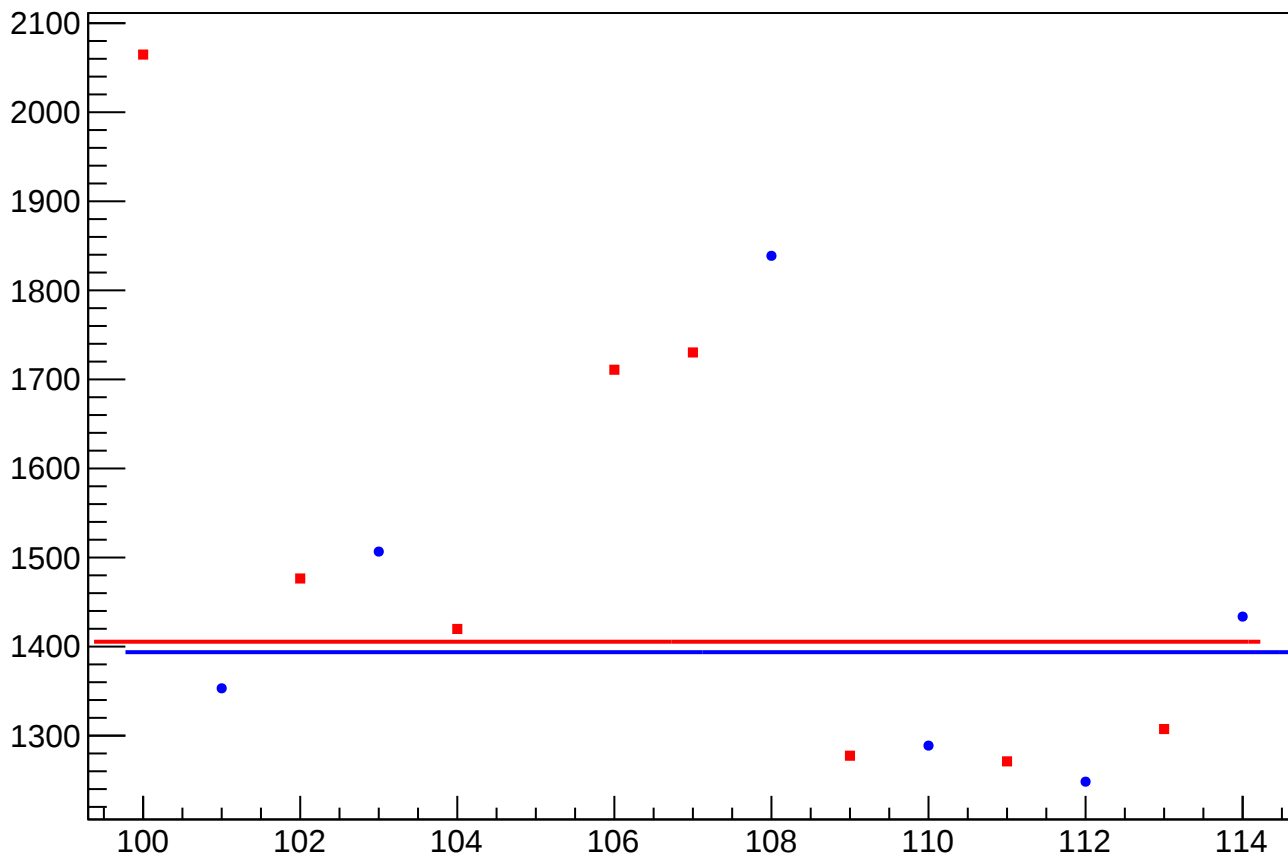
Right: 842.521+/-595.466 χ^2/NDF : 17.7/13

In: 7.949+/-893.882 χ^2/NDF : 9.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 842.521+/-595.466 χ^2/NDF : 17.7/13

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1393.727+/-0.632 χ^2/NDF : 69462.1/5

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

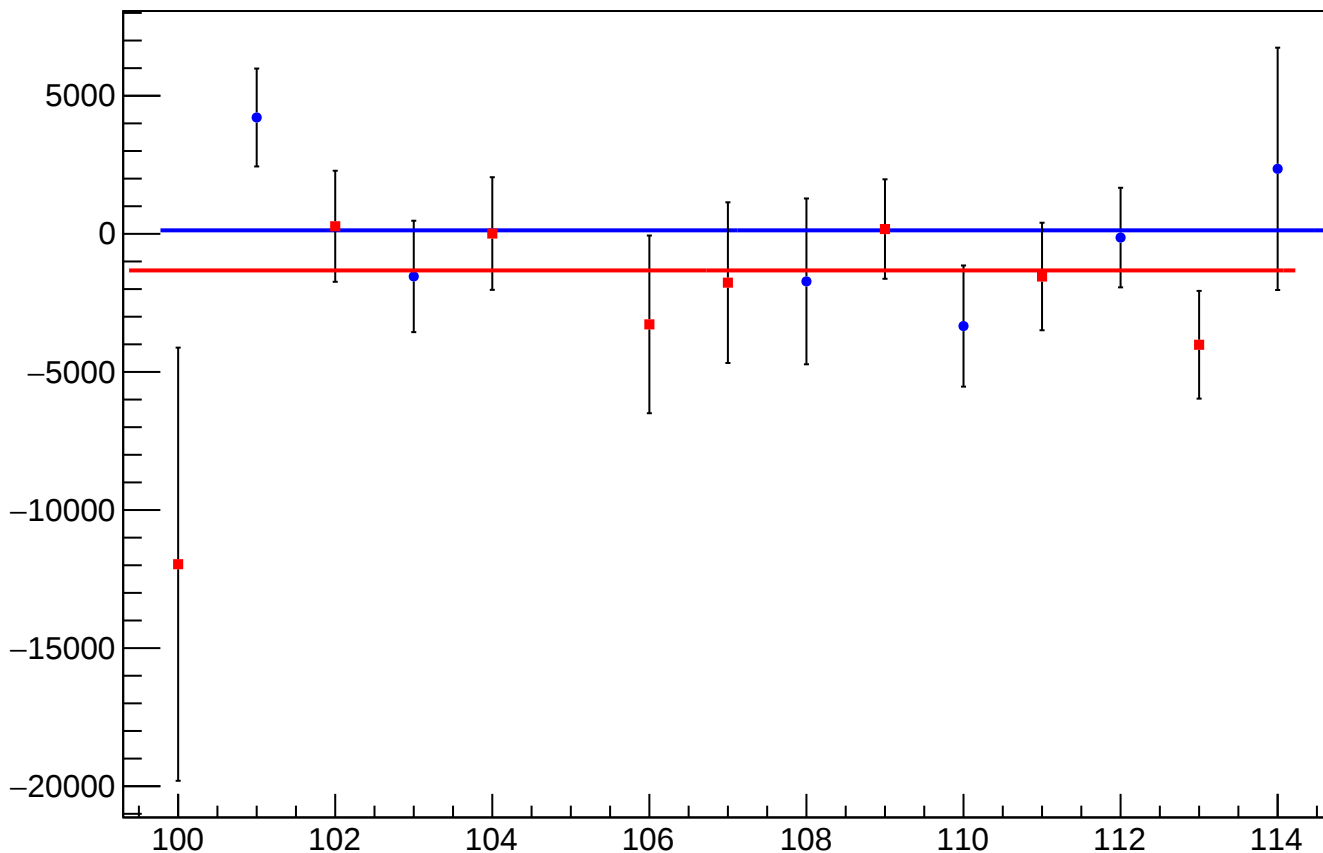
Right: 1400.255+/-0.421 χ^2/NDF : 155193.7/13

In: 1393.727+/-0.632 χ^2/NDF : 69462.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1400.255+/-0.421 χ^2/NDF : 155193.7/13

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 127.244+/-897.126 χ^2/NDF : 9.2/5

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

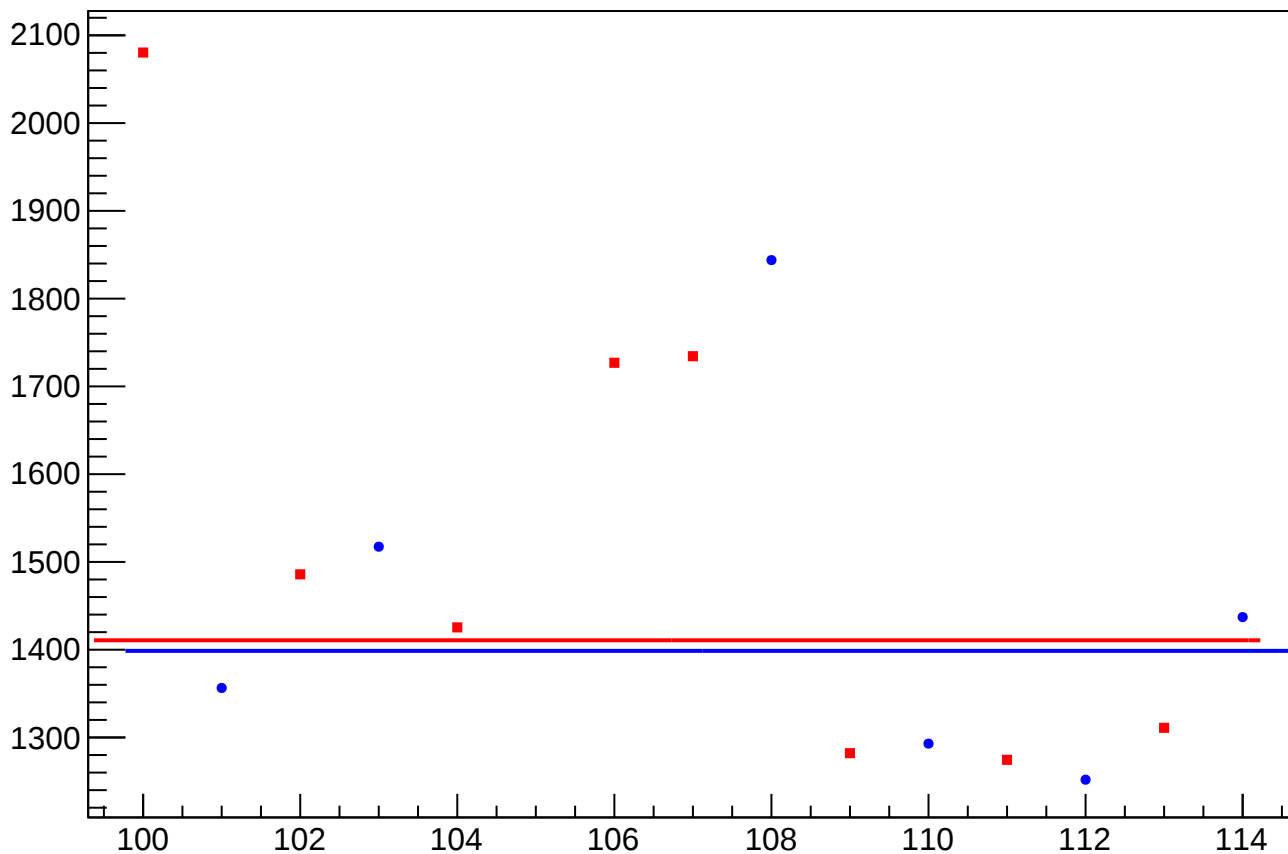
Right: -679.549+/-597.969 χ^2/NDF : 16.5/13

In: 127.244+/-897.126 χ^2/NDF : 9.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -679.549+/-597.969 χ^2/NDF : 16.5/13

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1398.690+/-0.634 χ^2/NDF : 70090.0/5

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

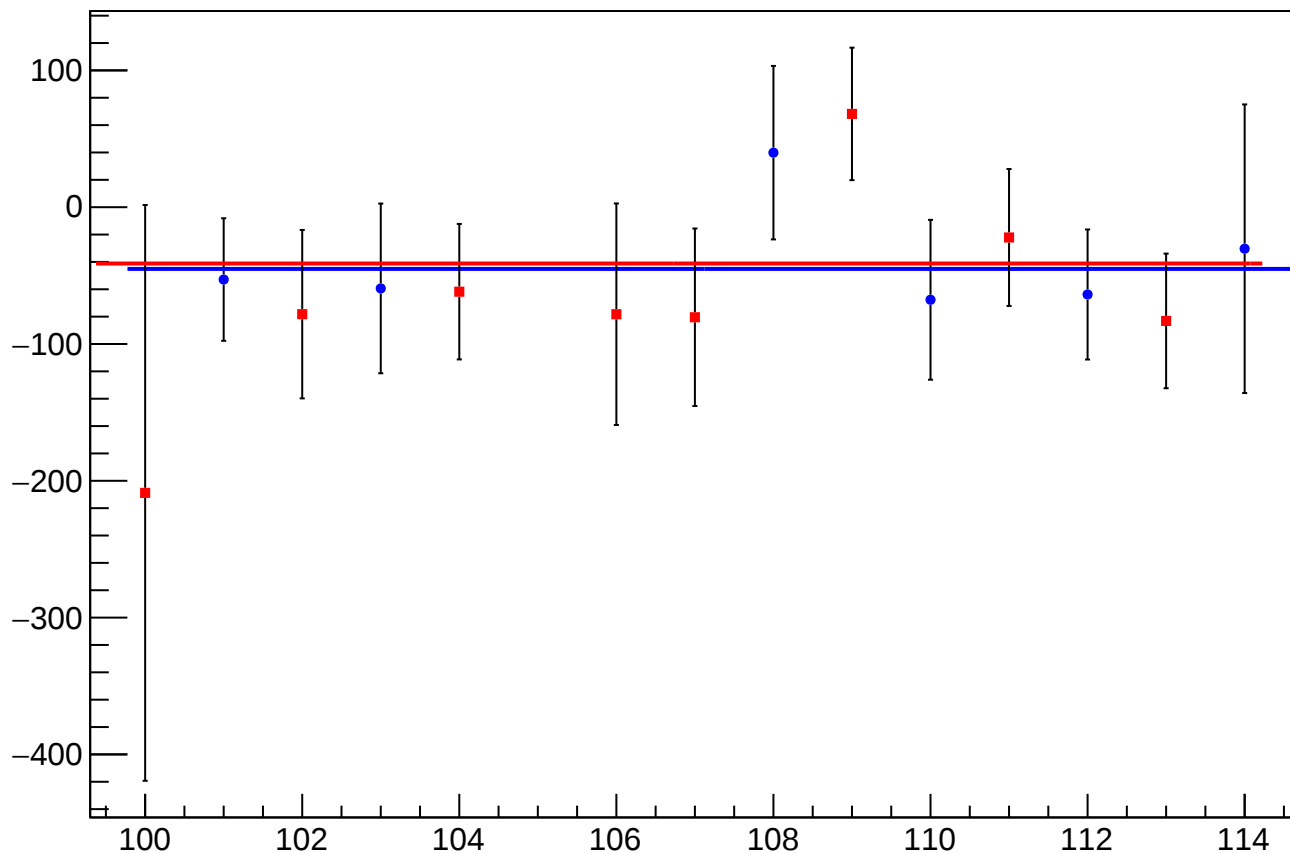
Right: 1405.381+/-0.423 χ^2/NDF : 157069.6/13

In: 1398.690+/-0.634 χ^2/NDF : 70090.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1405.381+/-0.423 χ^2/NDF : 157069.6/13

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -45.113 $\pm$ 23.361 χ^2 /NDF: 2.2/5

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

Right Out: -41.173 $\pm$ 20.748 χ^2 /NDF: 7.7/7

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

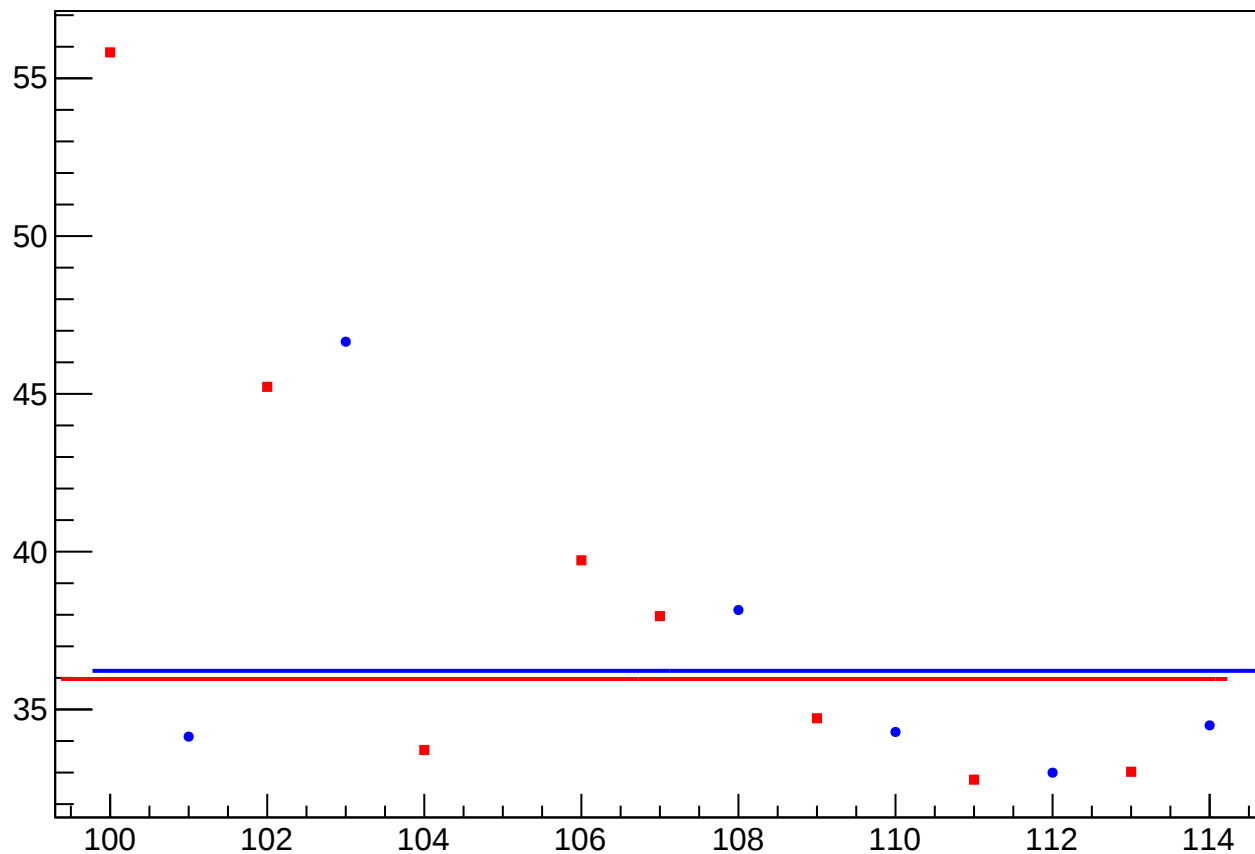
Right: -42.910 $\pm$ 15.513 χ^2 /NDF: 9.9/13

In: -45.113 $\pm$ 23.361 χ^2 /NDF:2.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -42.910 $\pm$ 15.513 χ^2 /NDF: 9.9/13

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 36.223+/-0.017 χ^2/NDF : 74678.0/5

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

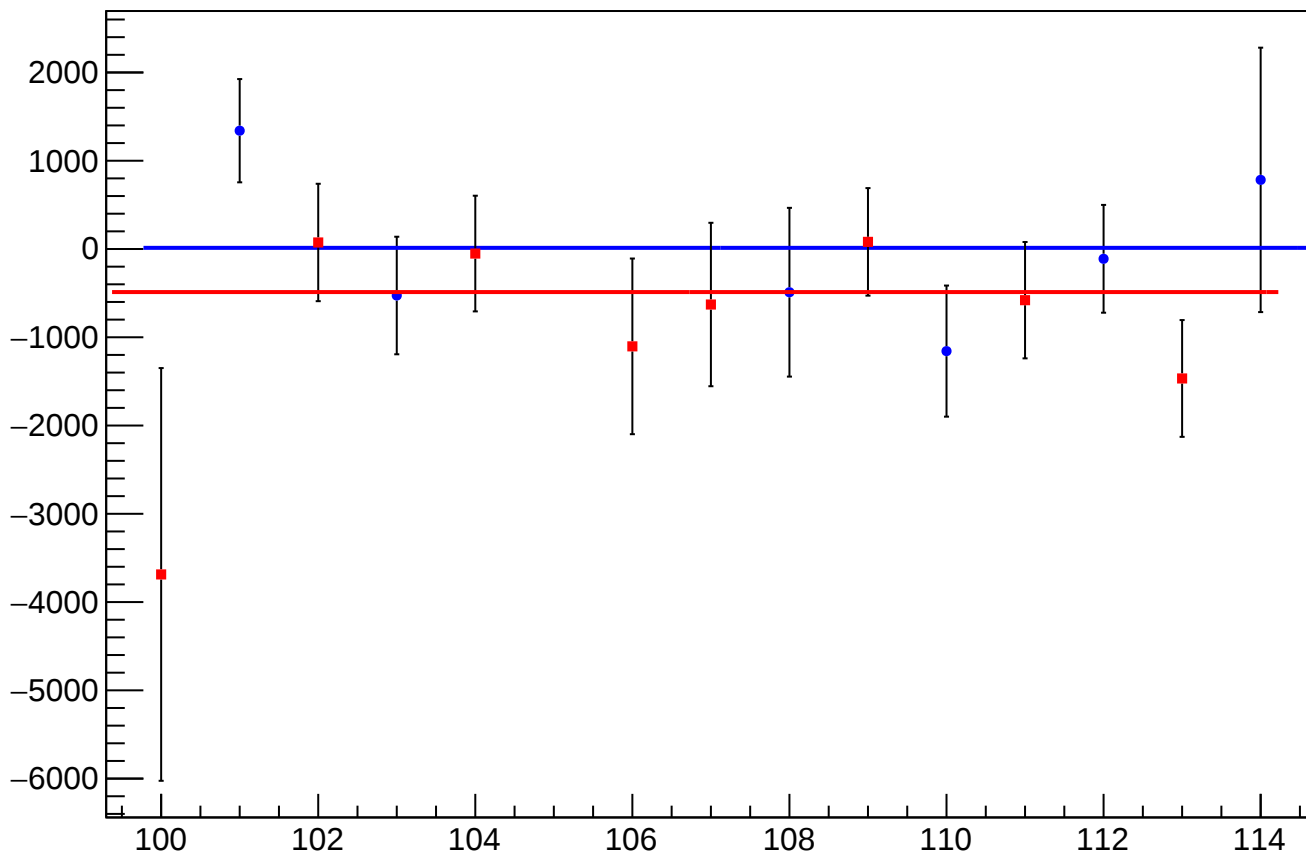
Right: 36.080+/-0.011 χ^2/NDF : 164756.3/13

In: 36.223+/-0.017 χ^2/NDF : 74678.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.080+/-0.011 χ^2/NDF : 164756.3/13

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 13.109+/-298.651 χ^2/NDF : 8.9/5

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

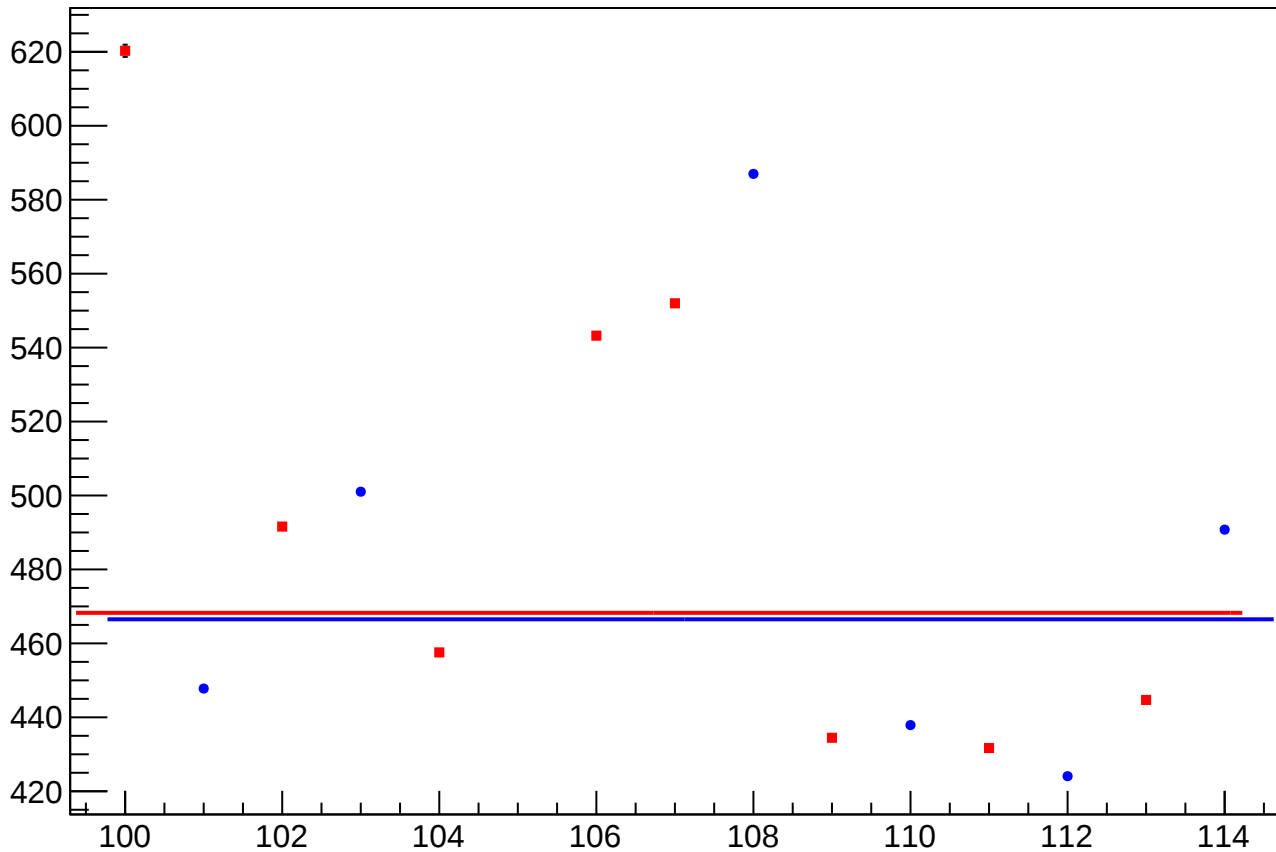
Right: -267.121+/-198.255 χ^2/NDF : 17.0/13

In: 13.109+/-298.651 χ^2/NDF : 8.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -267.121+/-198.255 χ^2/NDF : 17.0/13

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 466.516+/-0.211 χ^2/NDF : 52338.3/5

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

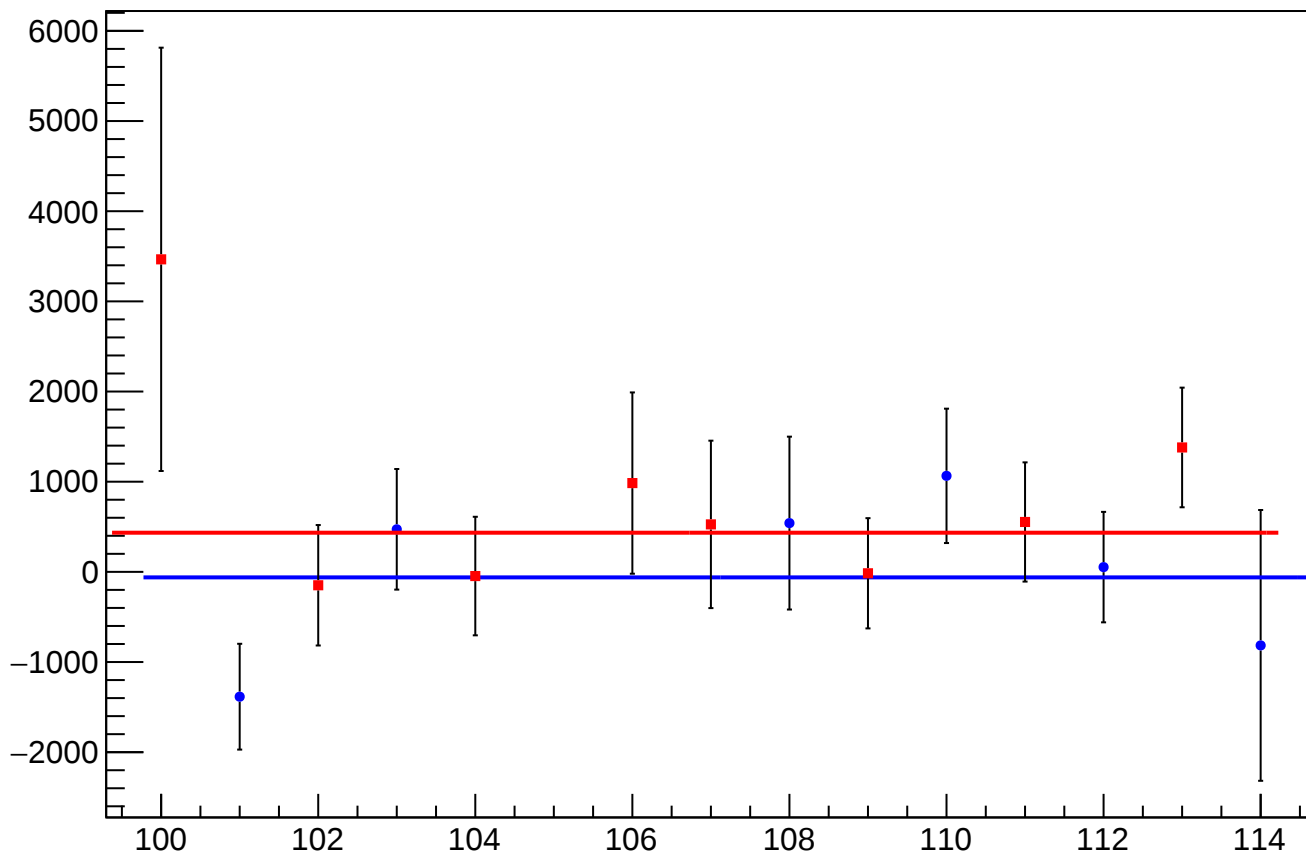
Right: 467.494+/-0.140 χ^2/NDF : 106377.8/13

In: 466.516+/-0.211 χ^2/NDF : 52338.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 467.494+/-0.140 χ^2/NDF : 106377.8/13

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -61.199 ± 299.639 χ^2/NDF : 8.7/5

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

Right Out: 434.236 ± 266.107 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

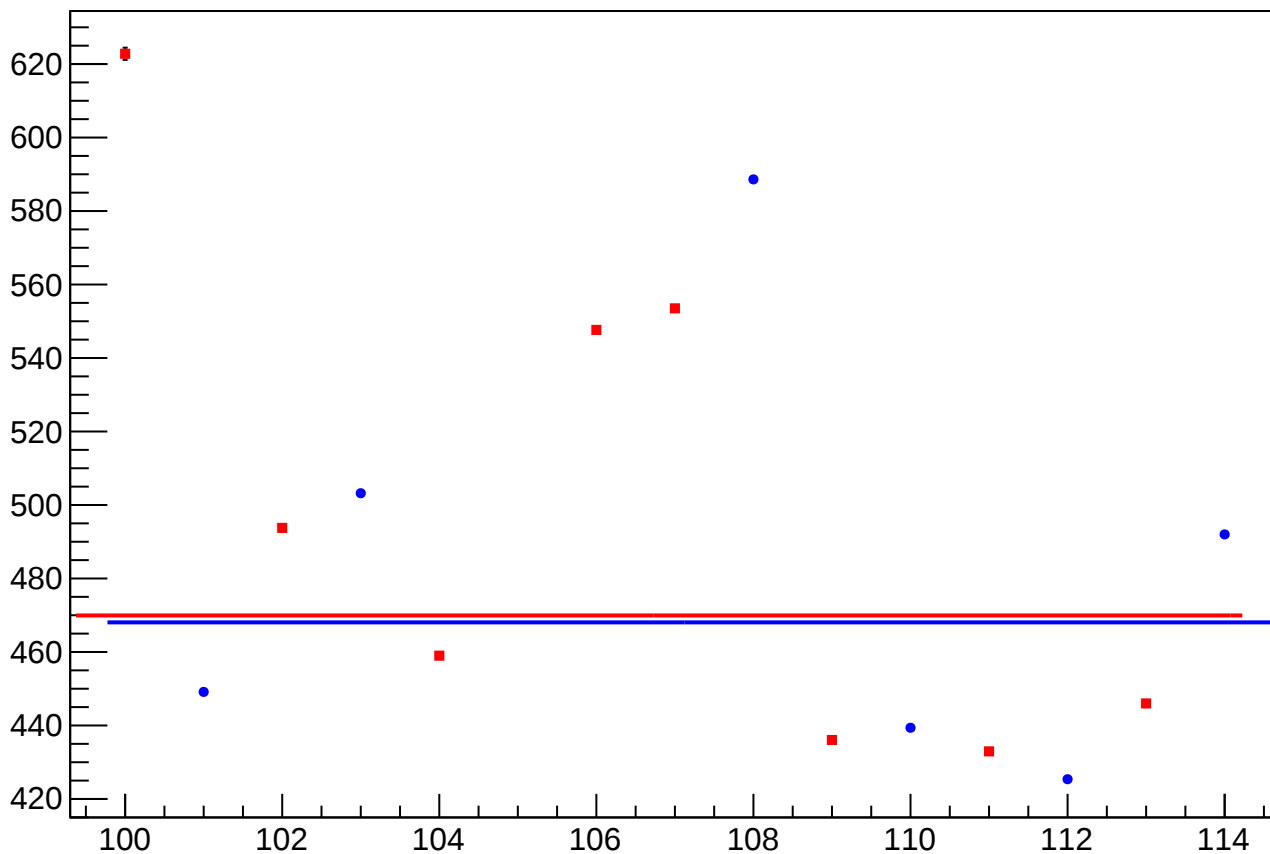
Right: 215.781 ± 198.969 χ^2/NDF : 16.1/13

In: -61.199 ± 299.639 χ^2/NDF : 8.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 215.781 ± 198.969 χ^2/NDF : 16.1/13

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 468.057+/-0.212 χ^2/NDF : 52410.4/5

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

Right Out: 469.940+/-0.188 χ^2/NDF : 54751.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

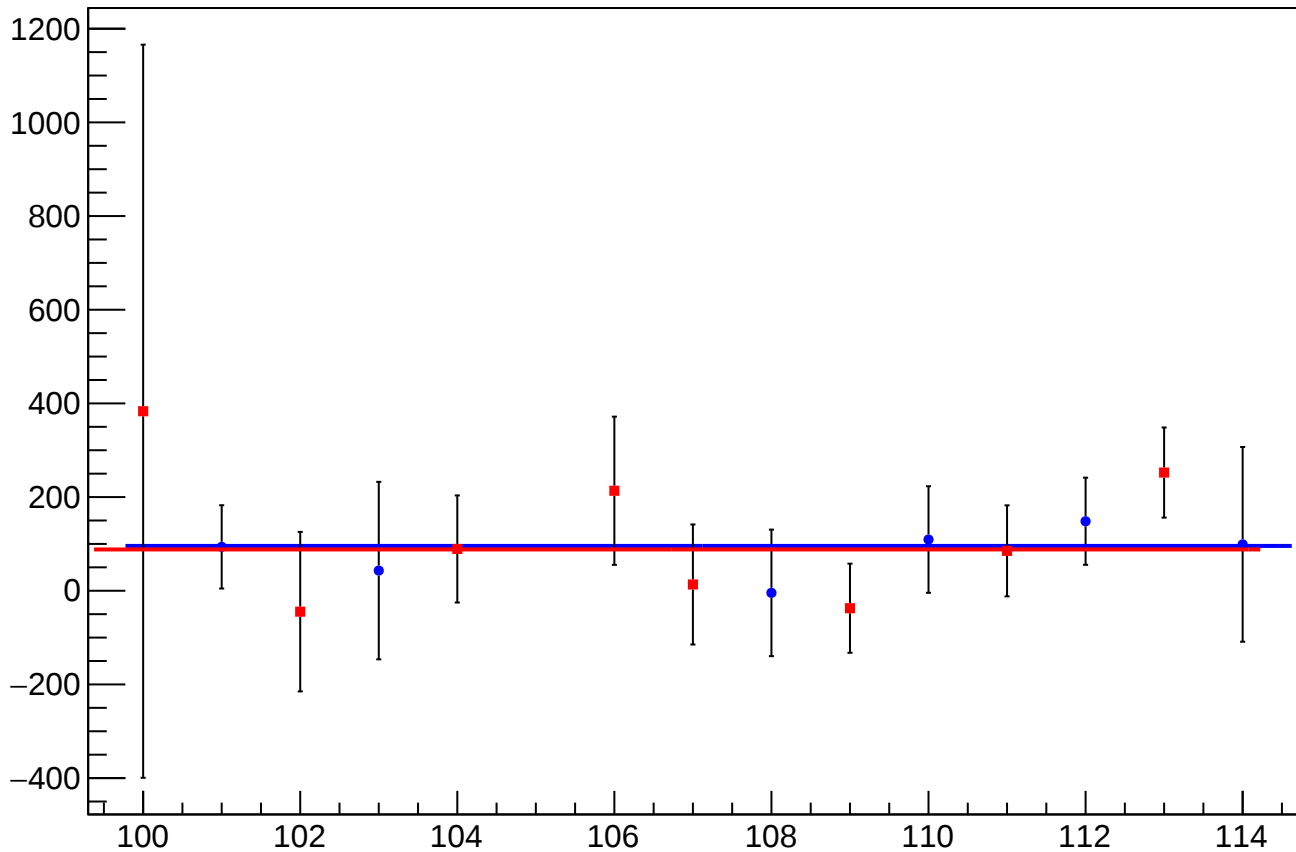
Right: 469.110+/-0.141 χ^2/NDF : 107205.5/13

In: 468.057+/-0.212 χ^2/NDF : 52410.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 469.110+/-0.141 χ^2/NDF : 107205.5/13

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 95.718 $\pm$ 48.501 χ^2 /NDF: 1.0/5

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

Right Out: 88.164 $\pm$ 43.117 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

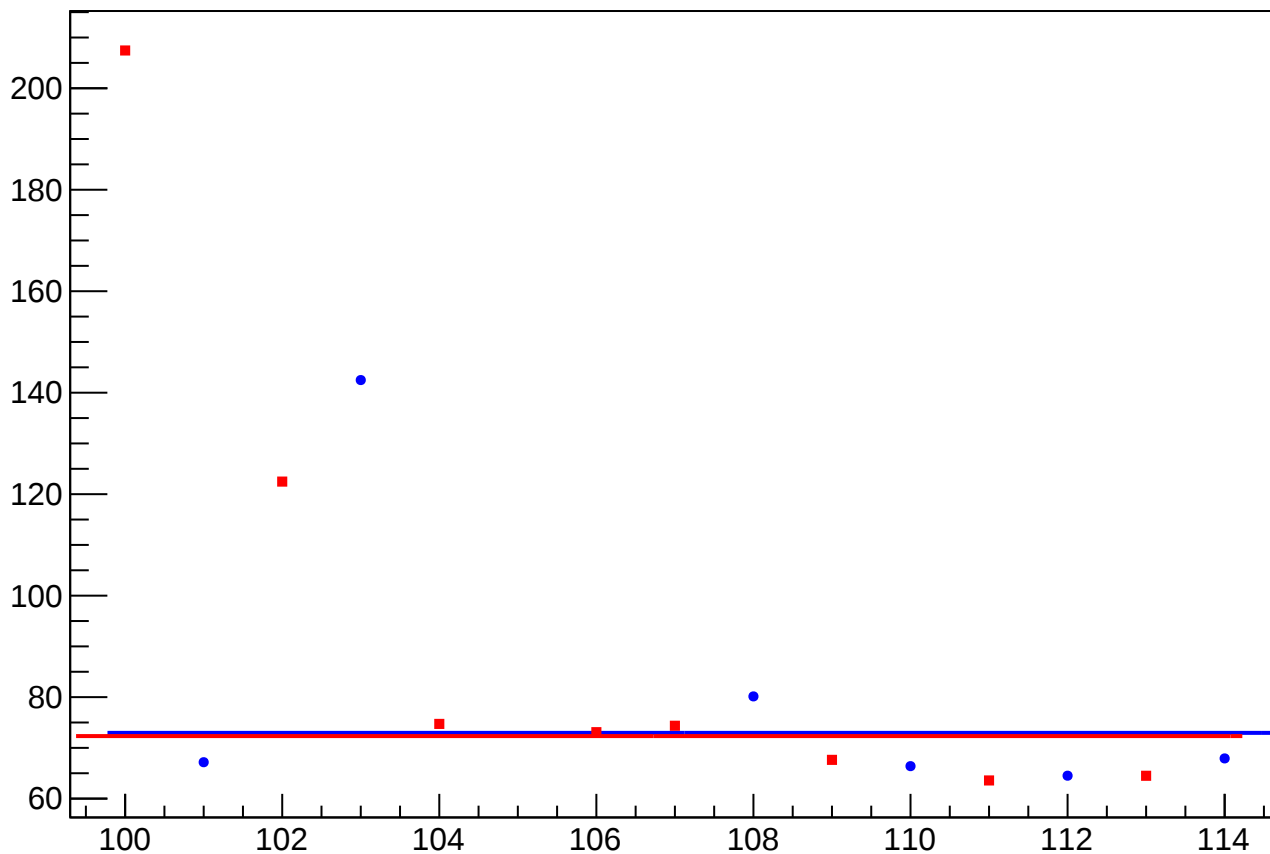
Right: 91.498 $\pm$ 32.224 χ^2 /NDF: 7.3/13

In: 95.718 $\pm$ 48.501 χ^2 /NDF:1.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 91.498 $\pm$ 32.224 χ^2 /NDF: 7.3/13

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 72.958+/-0.034 χ^2/NDF : 307701.8/5

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

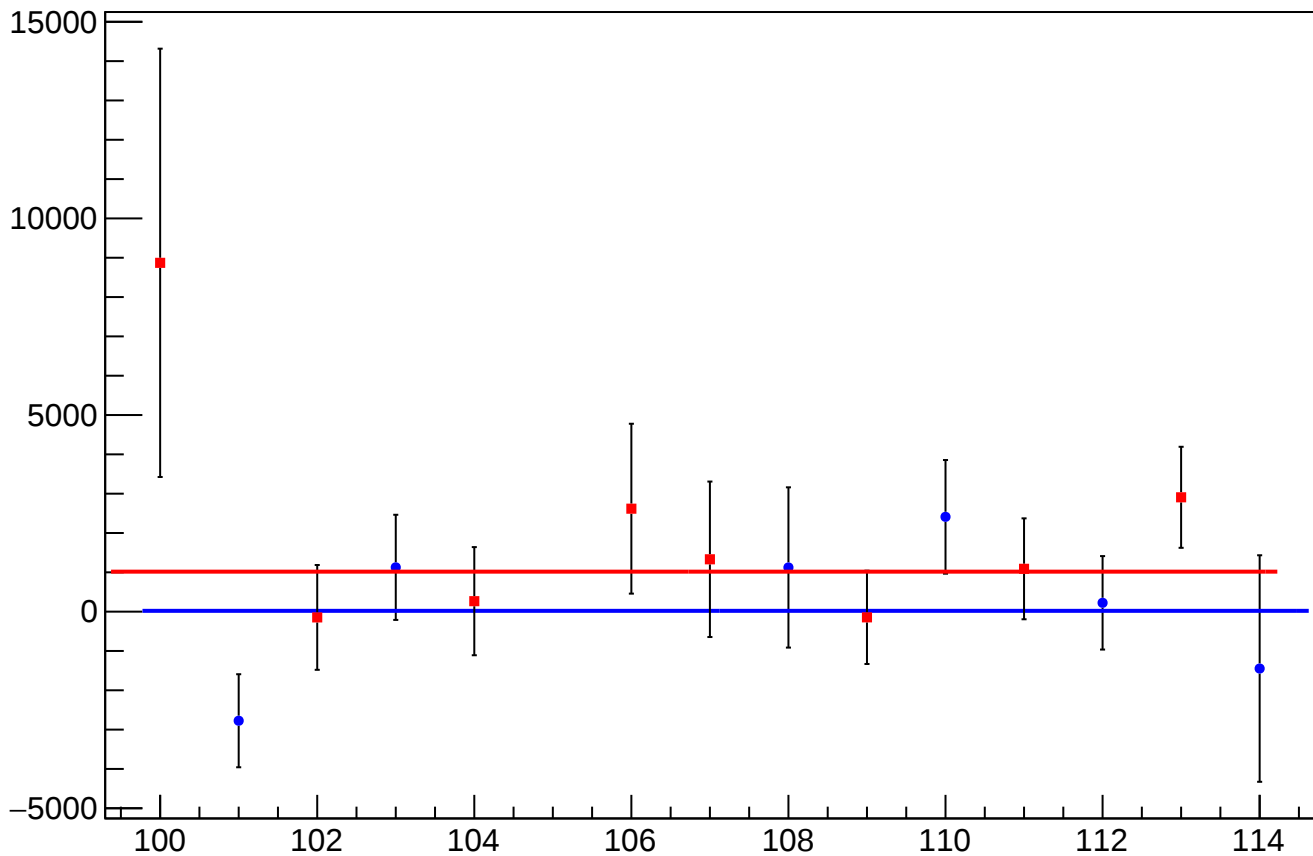
Right: 72.603+/-0.023 χ^2/NDF : 576738.9/13

In: 72.958+/-0.034 χ^2/NDF : 307701.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.603+/-0.023 χ^2/NDF : 576738.9/13

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: 20.501+/-595.263 χ^2/NDF : 9.6/5

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

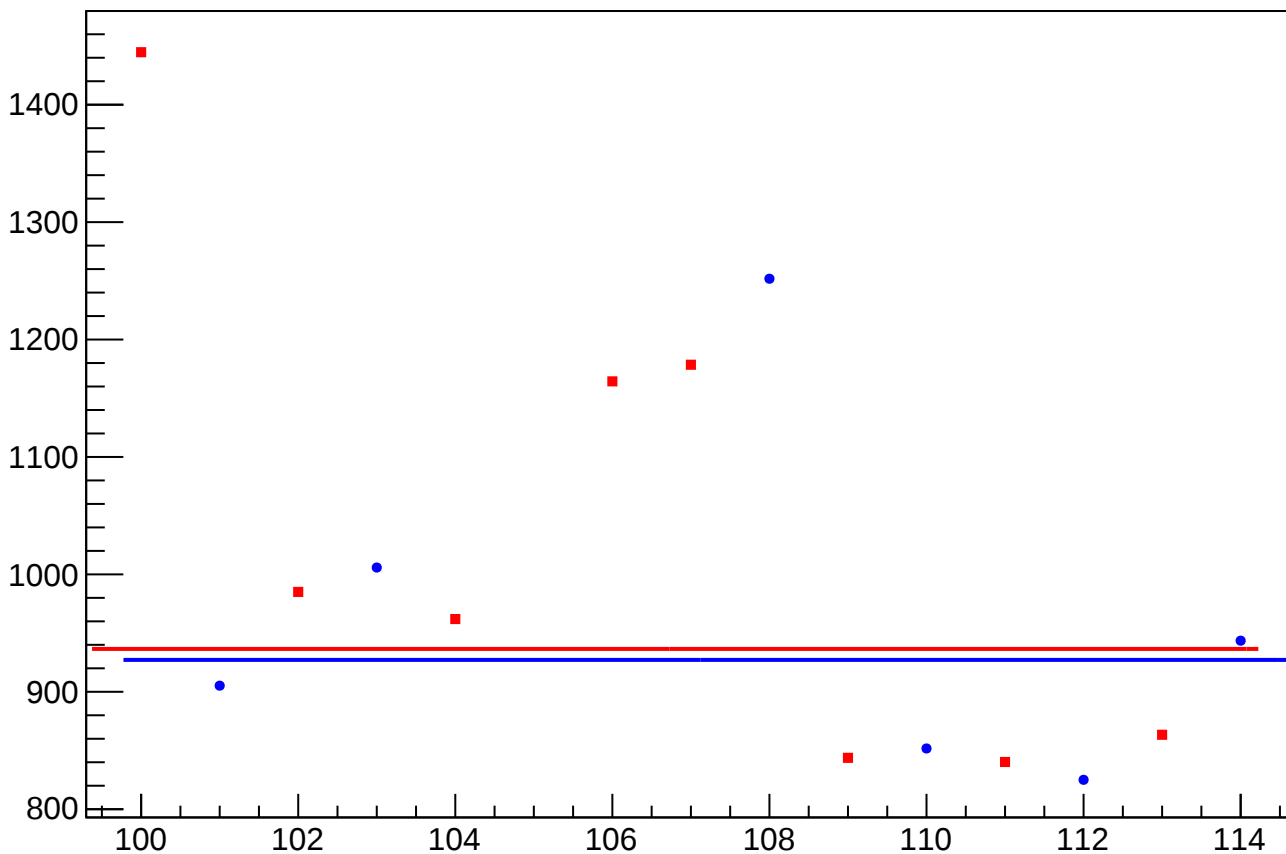
Right: 573.592+/-397.097 χ^2/NDF : 18.0/13

In: 20.501+/-595.263 χ^2/NDF : 9.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 573.592+/-397.097 χ^2/NDF : 18.0/13

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 927.170+/-0.421 χ^2/NDF : 78644.6/5

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

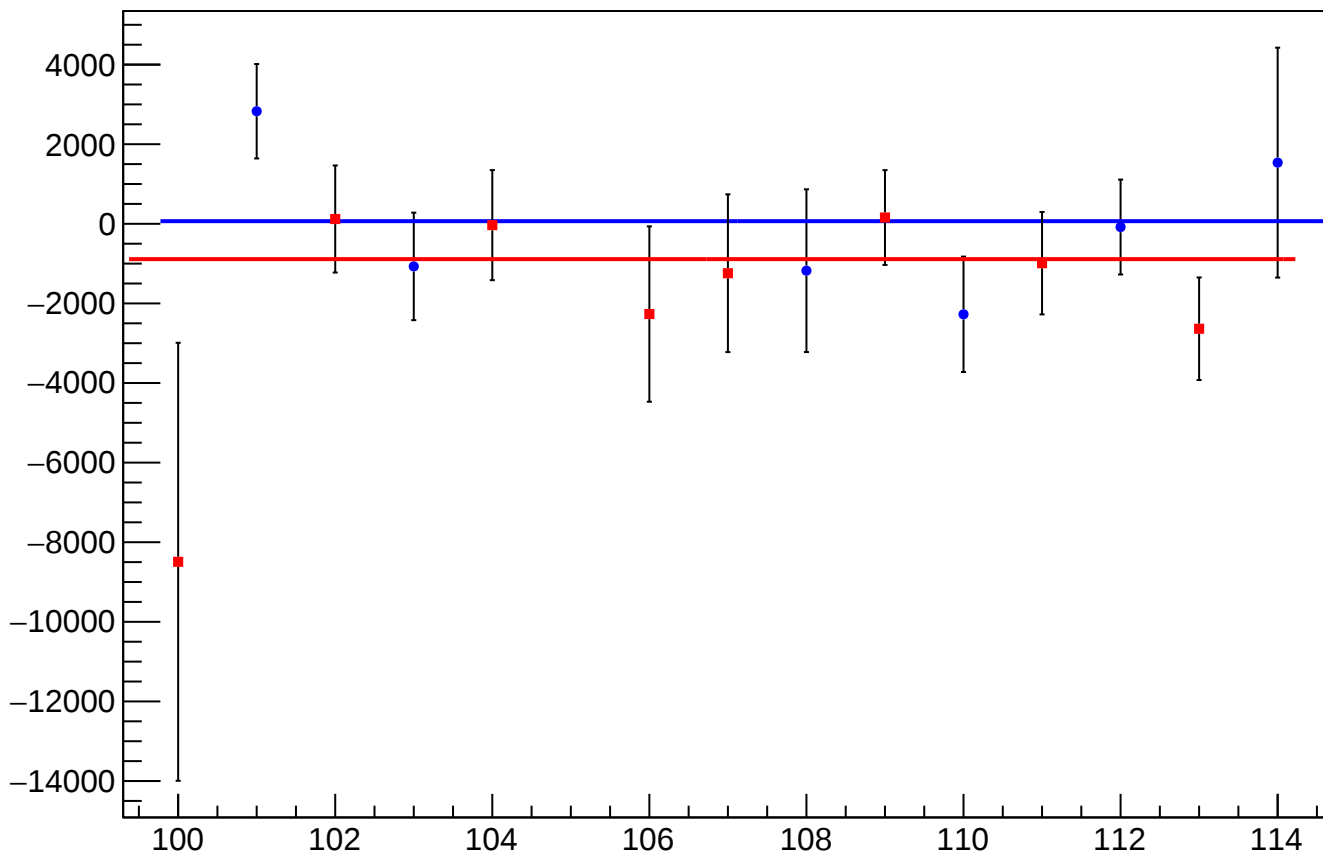
Right: 932.358+/-0.281 χ^2/NDF : 181878.5/13

In: 927.170+/-0.421 χ^2/NDF : 78644.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 932.358+/-0.281 χ^2/NDF : 181878.5/13

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 66.210+/-597.962 χ^2/NDF : 9.4/5

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

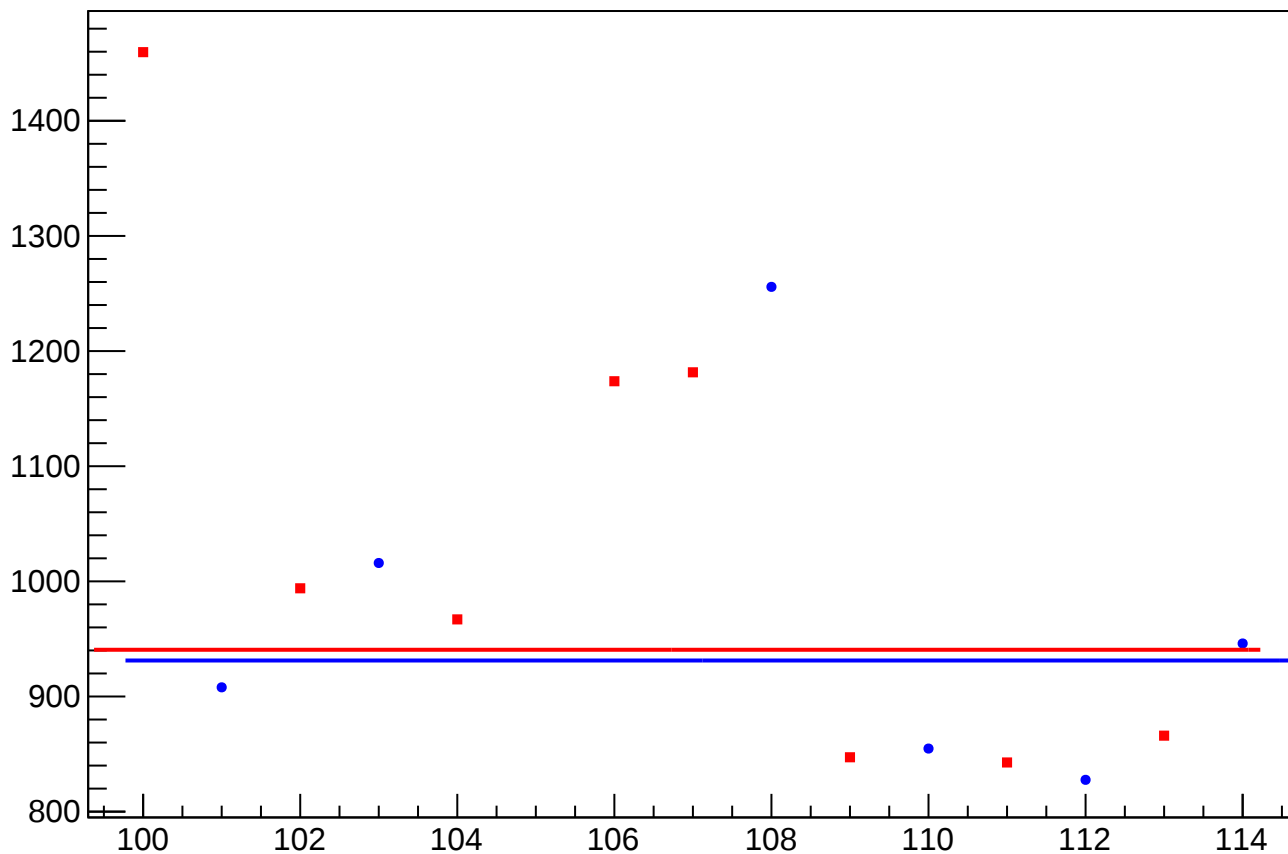
Right: -462.533+/-399.123 χ^2/NDF : 16.7/13

In: 66.210+/-597.962 χ^2/NDF : 9.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -462.533+/-399.123 χ^2/NDF : 16.7/13

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.263+/-0.423 χ^2/NDF : 79758.1/5

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

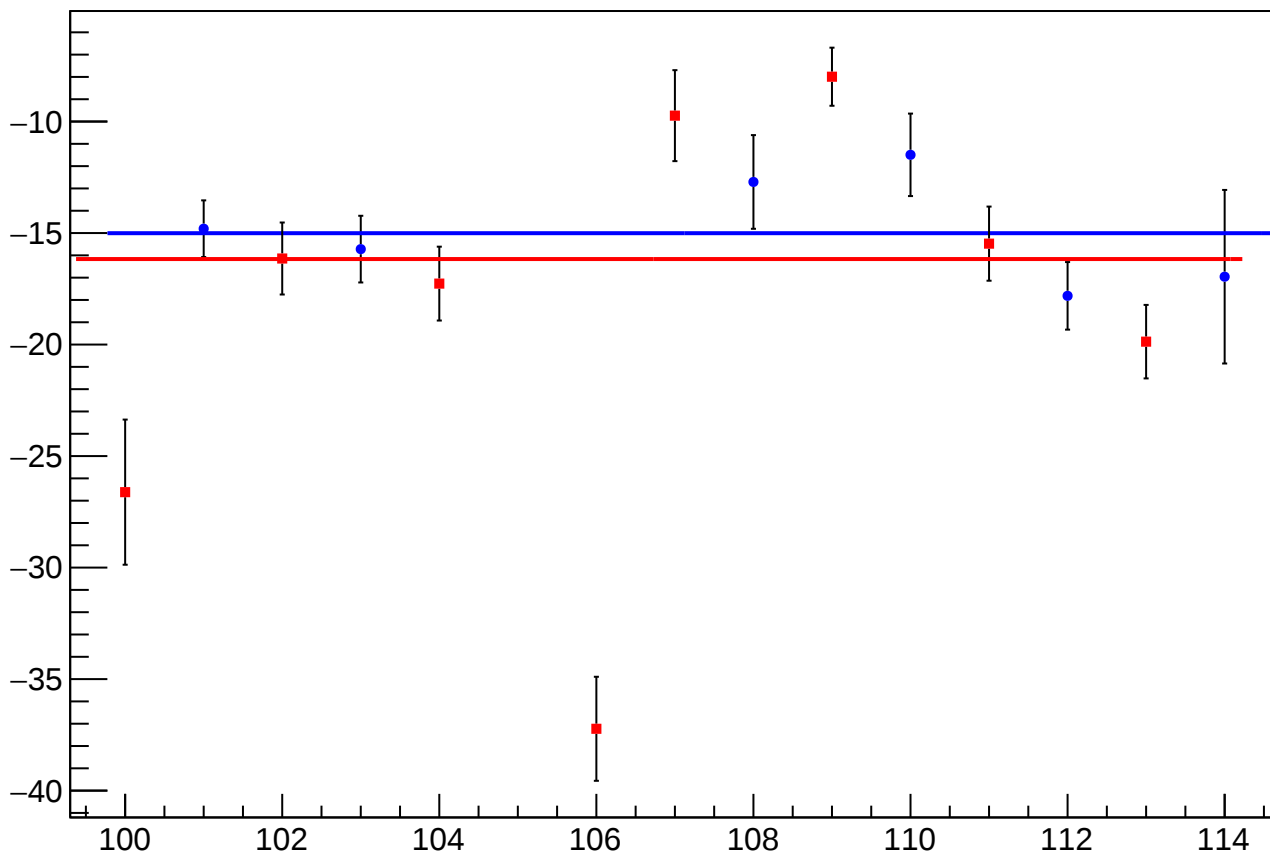
Right: 936.432+/-0.282 χ^2/NDF : 184248.0/13

In: 931.263+/-0.423 χ^2/NDF : 79758.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 936.432+/-0.282 χ^2/NDF : 184248.0/13

reg_asym_sam1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -15.006 $\pm$ 0.692 χ^2 /NDF: 8.8/5

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

Right Out: -16.166 $\pm$ 0.622 χ^2 /NDF: 146.9/7

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

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

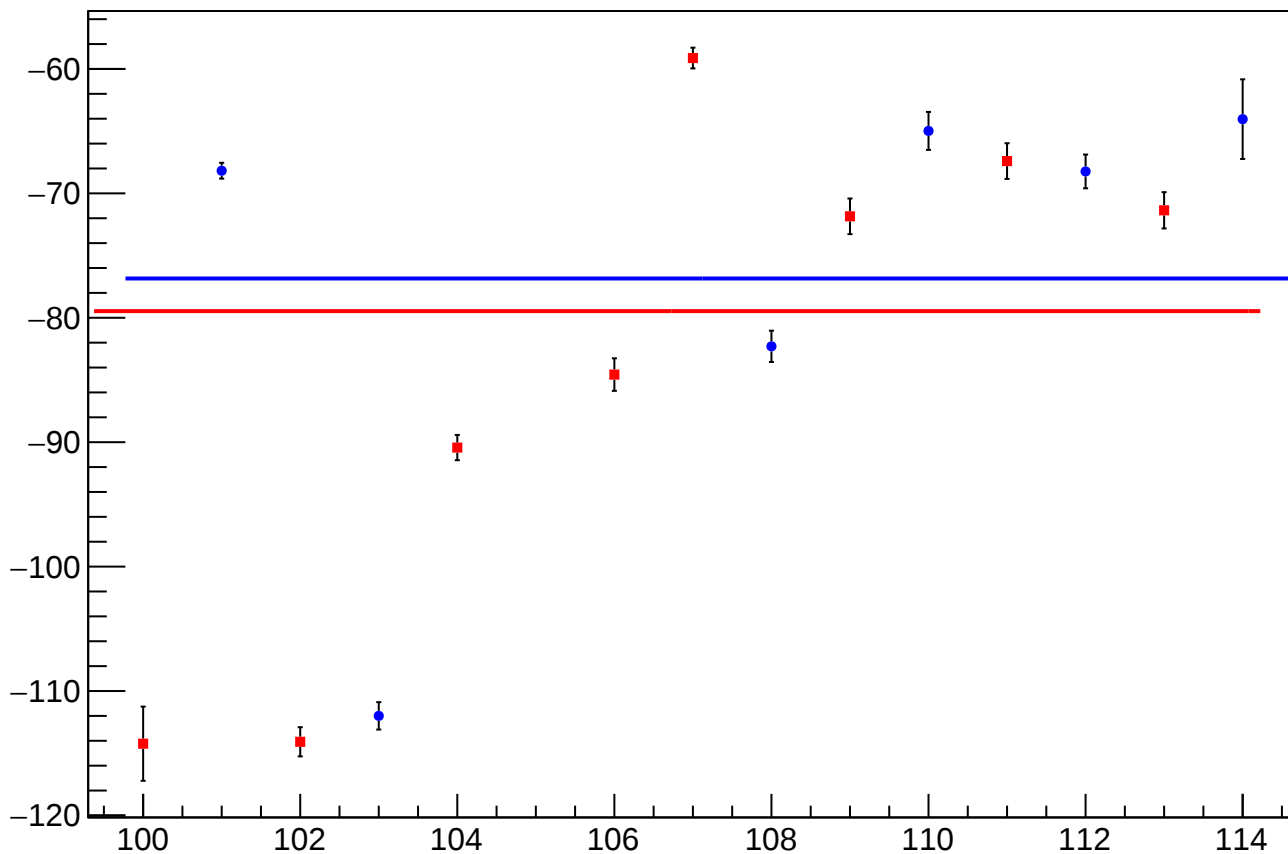
Right: -15.648 $\pm$ 0.462 χ^2 /NDF: 157.2/13

In: -15.006 $\pm$ 0.692 χ^2 /NDF: 8.8/5

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

All: -15.648 $\pm$ 0.462 χ^2 /NDF: 157.2/13

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -76.843+/-0.448 χ^2/NDF : 1337.7/5

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

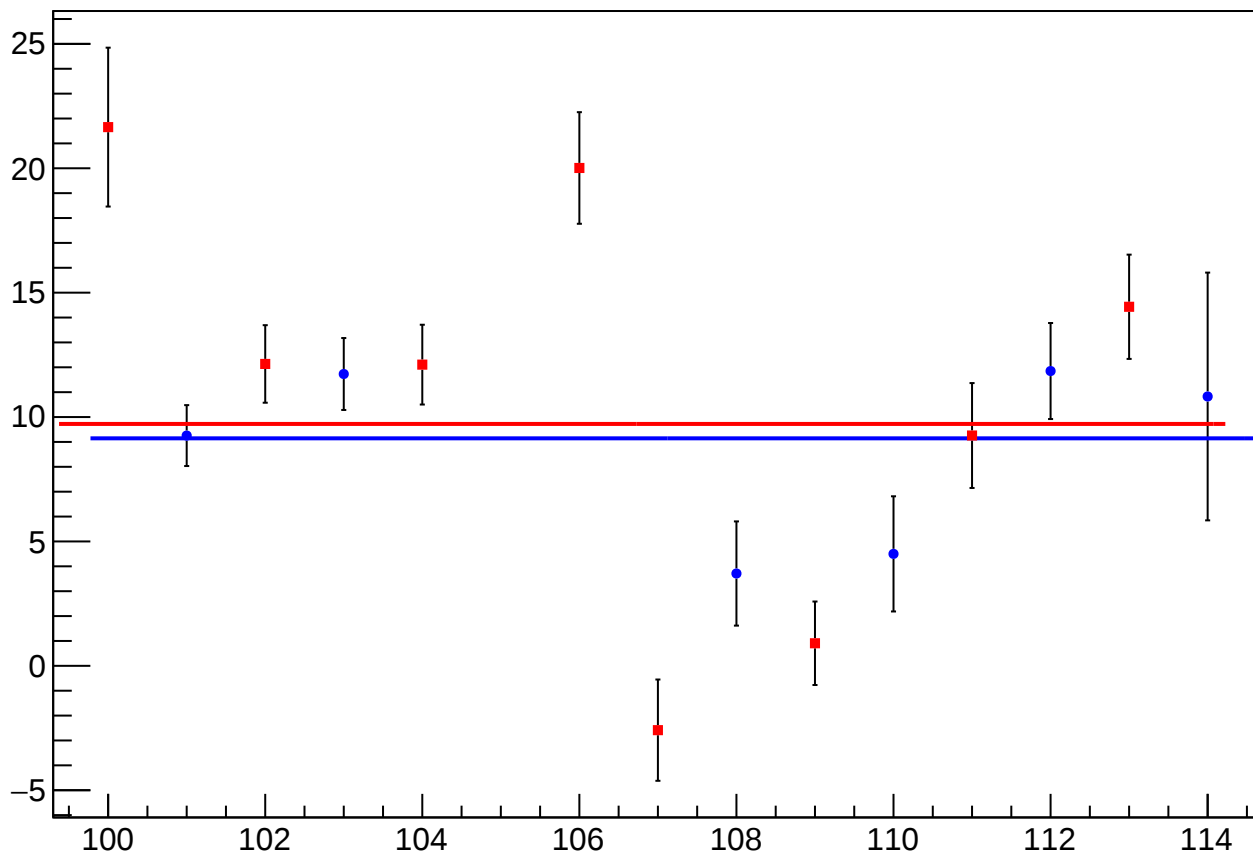
Right: -78.190+/-0.312 χ^2/NDF : 3217.5/13

In: -76.843+/-0.448 χ^2/NDF : 1337.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -78.190+/-0.312 χ^2/NDF : 3217.5/13

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 9.144+/-0.731 χ^2/NDF : 16.0/5

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

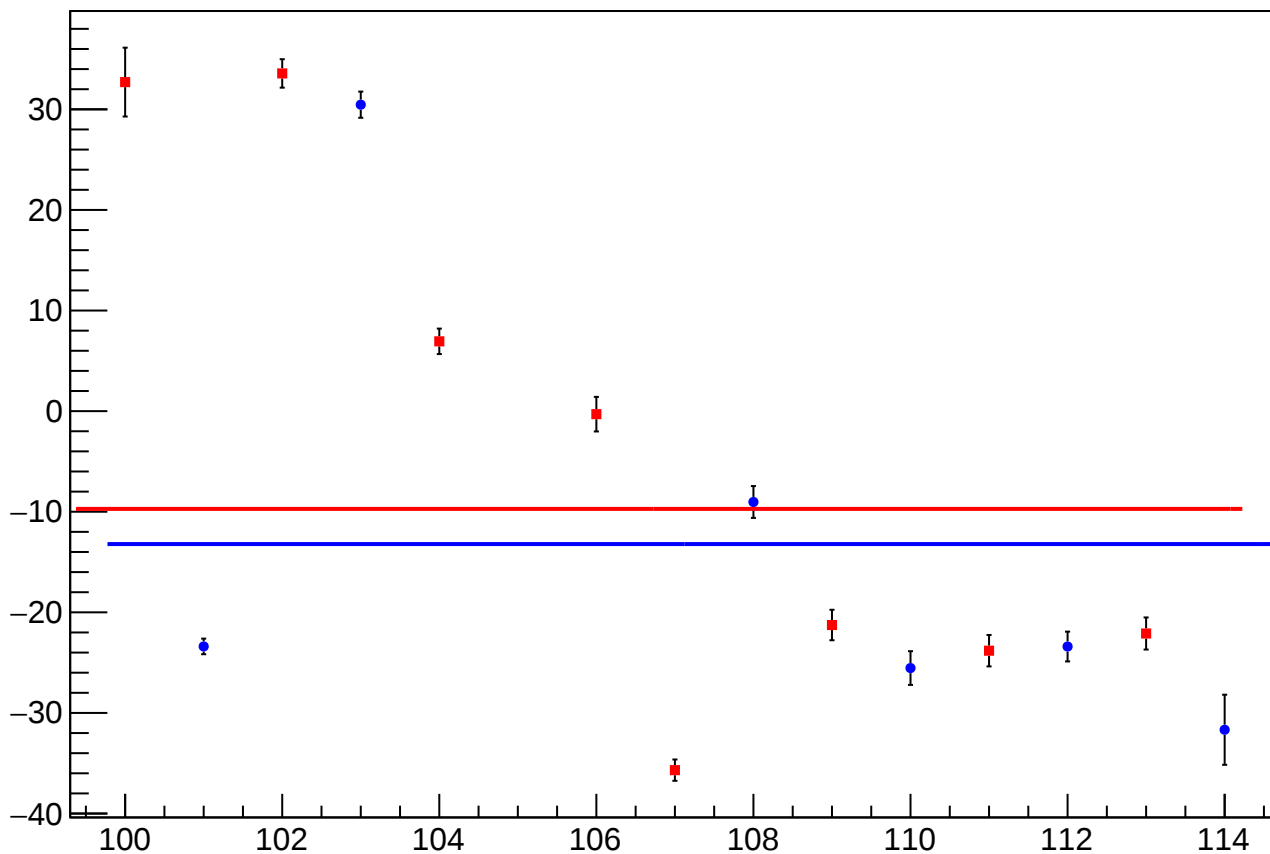
Right: 9.454+/-0.499 χ^2/NDF : 125.3/13

In: 9.144+/-0.731 χ^2/NDF : 16.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.454+/-0.499 χ^2/NDF : 125.3/13

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -13.214 $\pm$ 0.531 χ^2 /NDF: 1434.9/5

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

Right Out: -9.716 $\pm$ 0.521 χ^2 /NDF: 2093.5/7

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

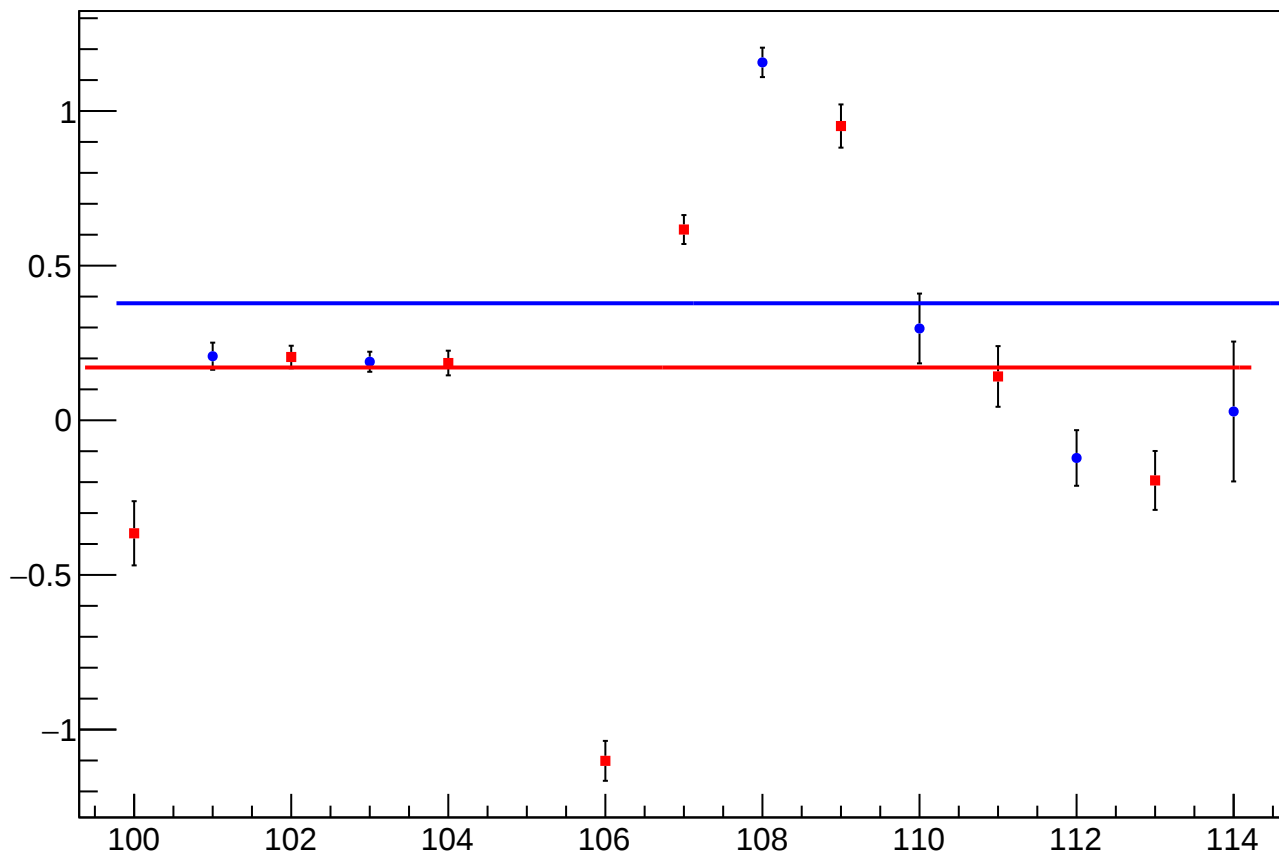
Right: -11.433 $\pm$ 0.372 χ^2 /NDF: 3550.5/13

In: -13.214 $\pm$ 0.531 χ^2 /NDF:1434.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.433 $\pm$ 0.372 χ^2 /NDF: 3550.5/13

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.378+/-0.022 χ^2/NDF : 351.1/5

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

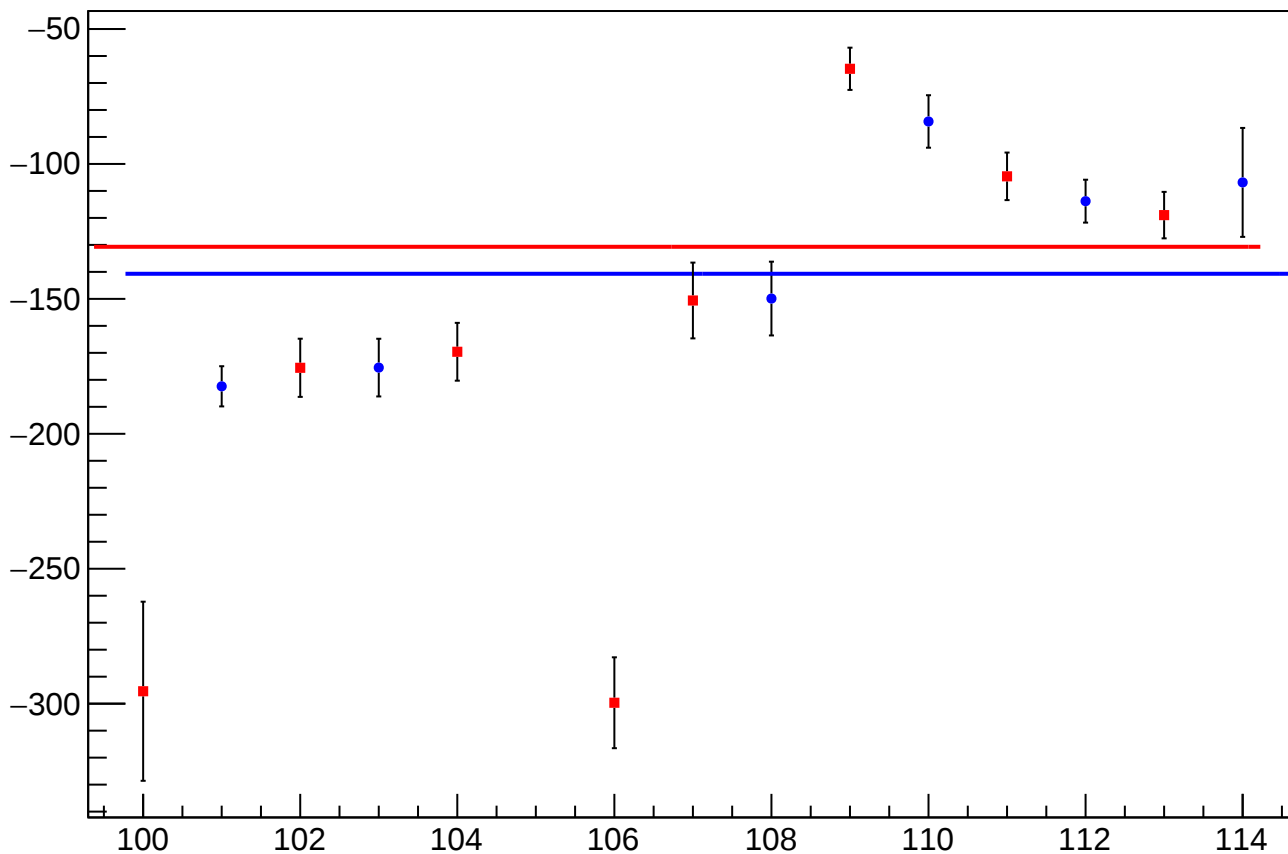
Right: 0.264+/-0.015 χ^2/NDF : 1048.5/13

In: 0.378+/-0.022 χ^2/NDF : 351.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.264+/-0.015 χ^2/NDF : 1048.5/13

reg_asym_sam2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -140.699+/-4.049 χ^2/NDF : 90.3/5

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

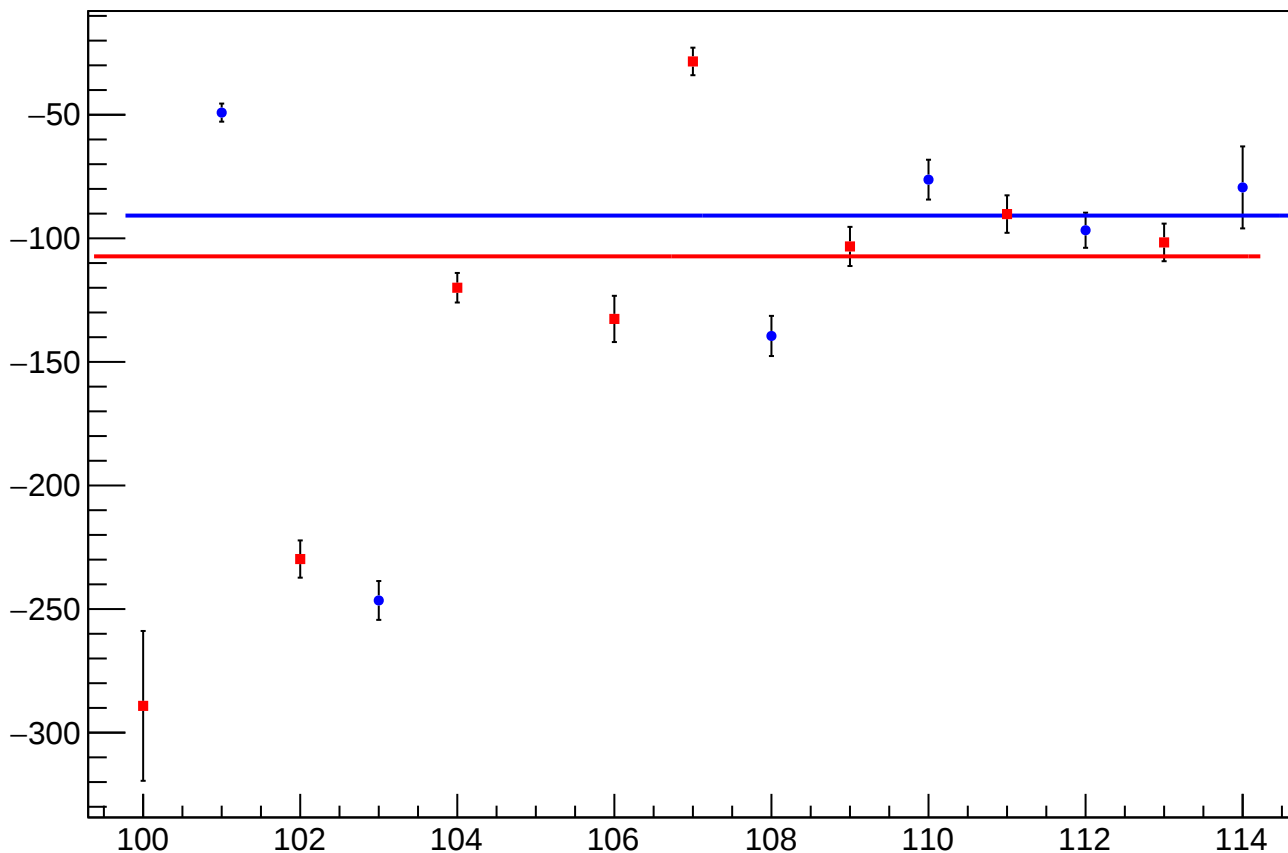
Right: -135.372+/-2.768 χ^2/NDF : 333.1/13

In: -140.699+/-4.049 χ^2/NDF : 90.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -135.372+/-2.768 χ^2/NDF : 333.1/13

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -90.791 ± 2.628 $\chi^2/\text{NDF}: 562.4/5$

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

Right Out: -107.290 ± 2.664 $\chi^2/\text{NDF}: 518.2/7$

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

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

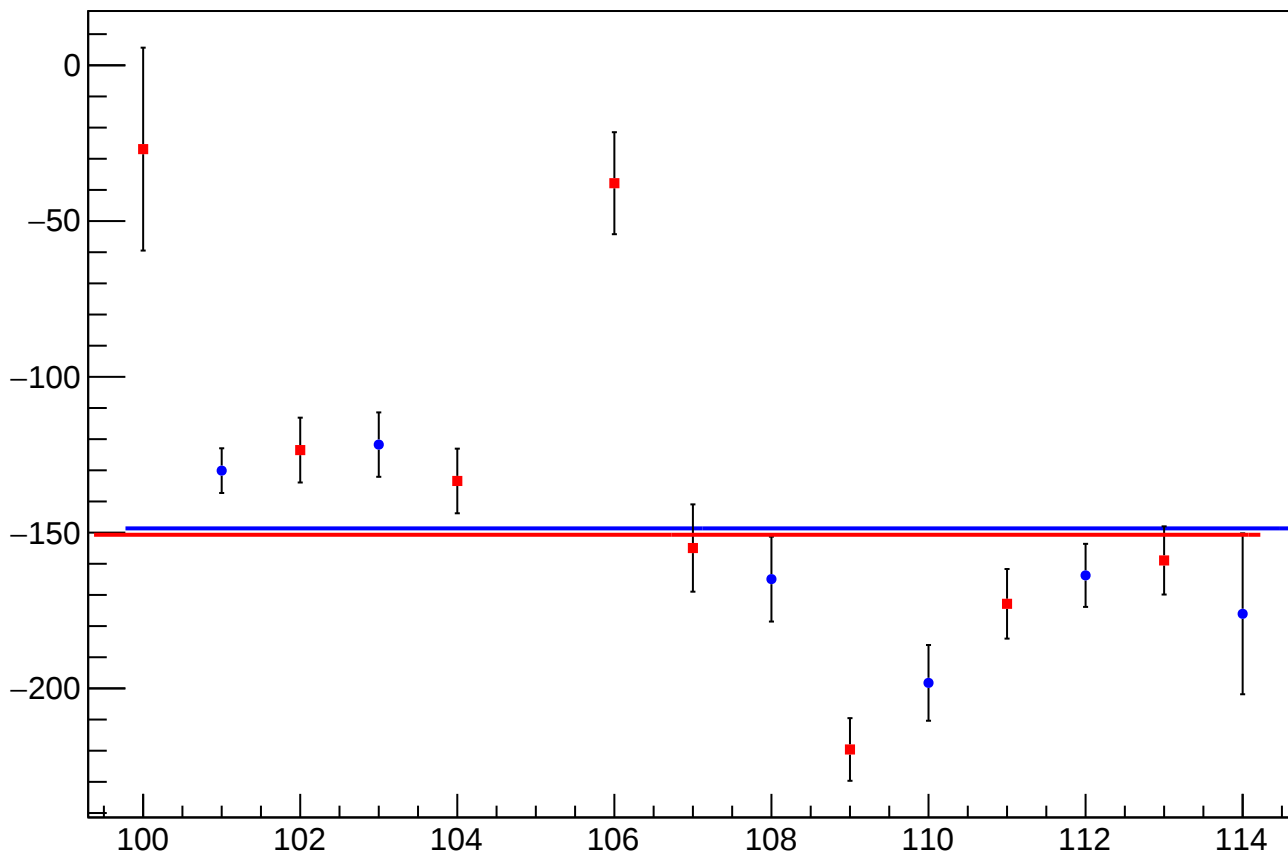
Right: -98.928 ± 1.871 $\chi^2/\text{NDF}: 1100.1/13$

In: -90.791 ± 2.628 $\chi^2/\text{NDF}: 562.4/5$

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

All: -98.928 ± 1.871 $\chi^2/\text{NDF}: 1100.1/13$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -148.640+/-4.377 χ^2/NDF : 34.9/5

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

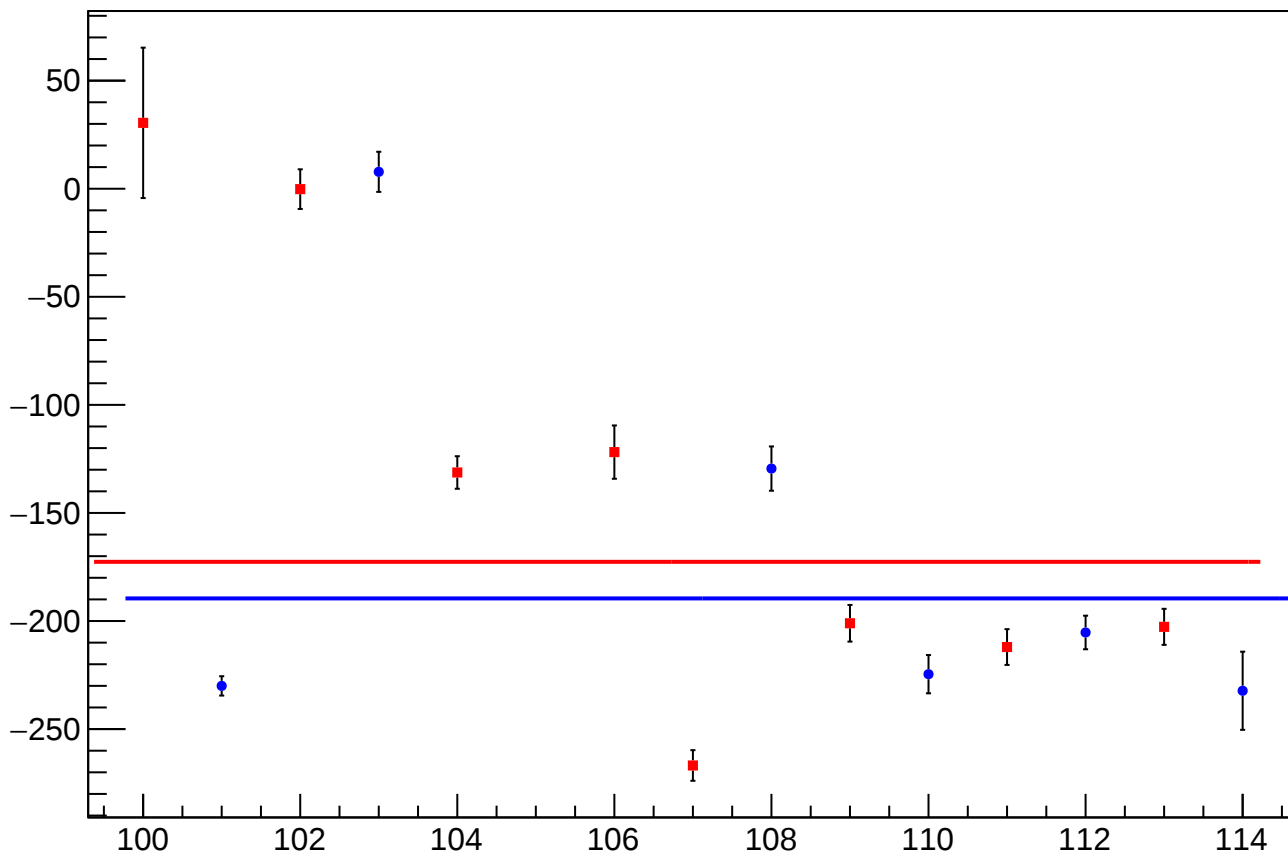
Right: -149.687+/-3.061 χ^2/NDF : 158.1/13

In: -148.640+/-4.377 χ^2/NDF : 34.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -149.687+/-3.061 χ^2/NDF : 158.1/13

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -189.546 ± 3.108 χ^2/NDF : 593.8/5

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

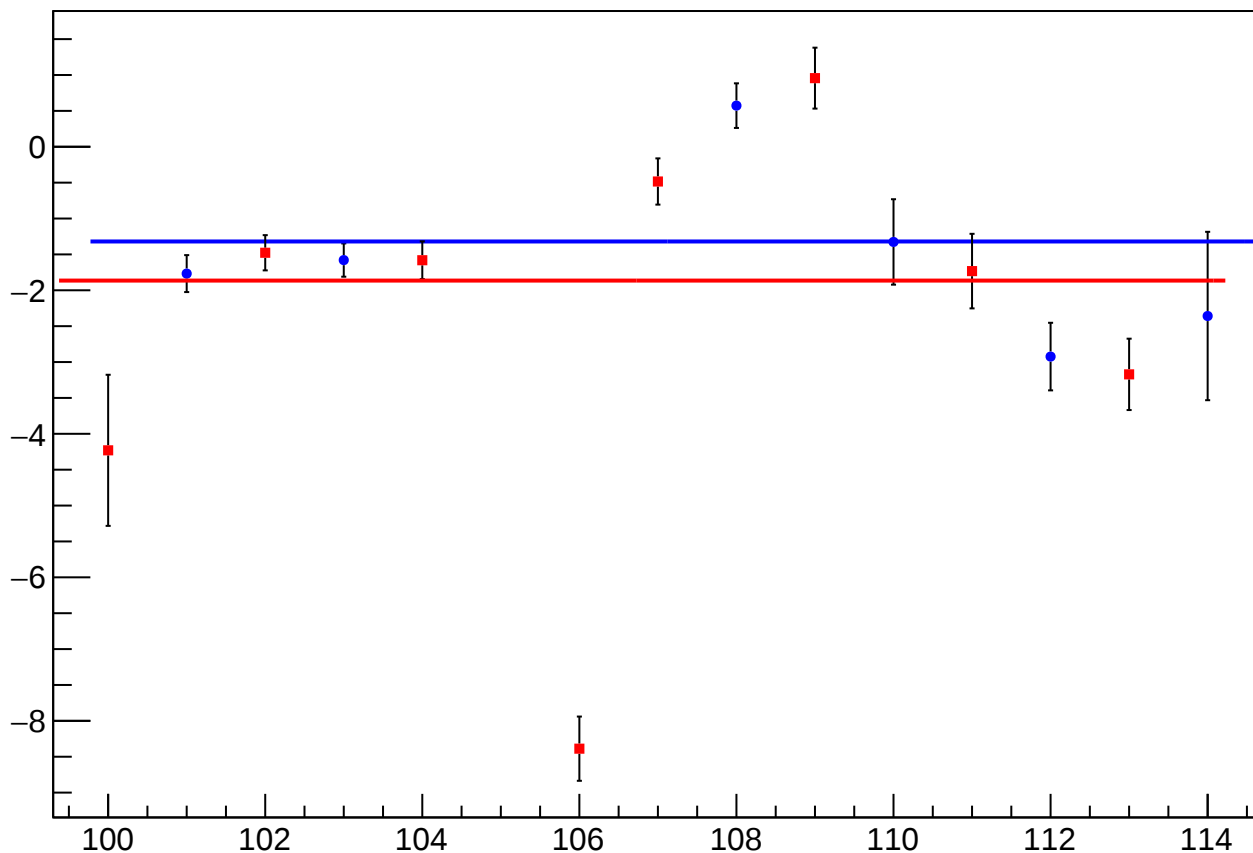
Right: -181.240 ± 2.218 χ^2/NDF : 1266.5/13

In: -189.546 ± 3.108 χ^2/NDF : 593.8/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -181.240 ± 2.218 χ^2/NDF : 1266.5/13

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.320 ± 0.139 χ^2/NDF : 53.7/5

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

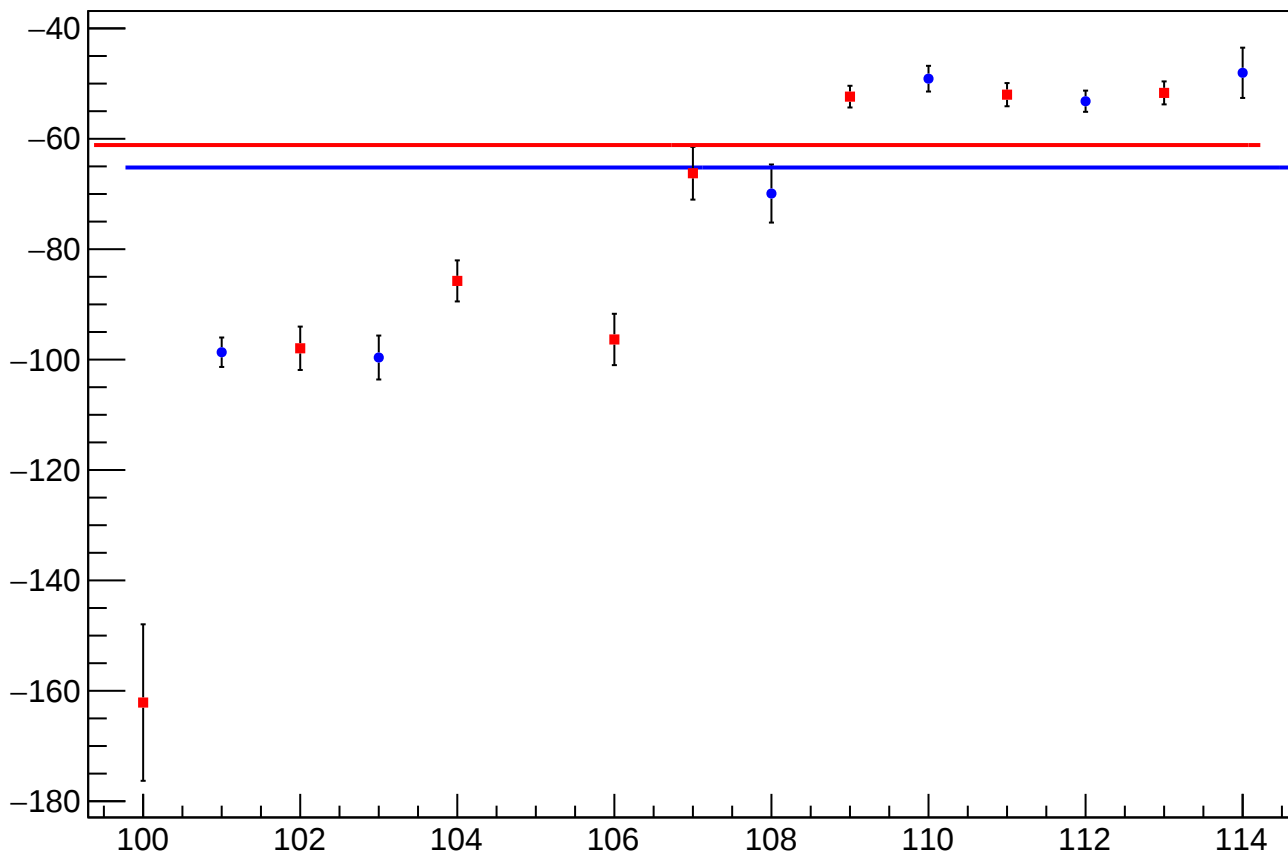
Right: -1.611 ± 0.094 χ^2/NDF : 352.6/13

In: -1.320 ± 0.139 χ^2/NDF : 53.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.611 ± 0.094 χ^2/NDF : 352.6/13

reg_asym_sam3_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -65.200+/-1.160 χ^2/NDF : 334.0/5

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

Right Out: -61.133+/-1.027 χ^2/NDF : 300.3/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

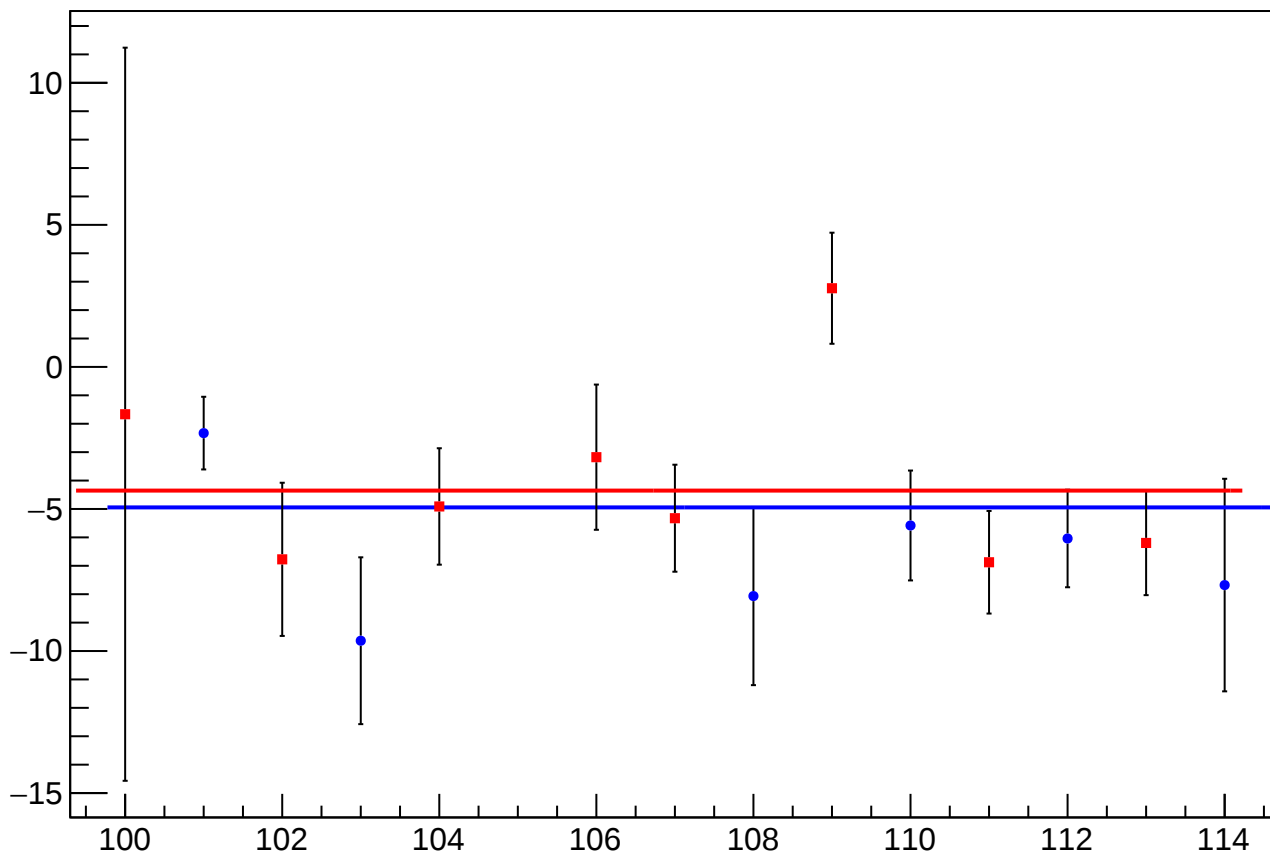
Right: -62.920+/-0.769 χ^2/NDF : 641.2/13

In: -65.200+/-1.160 χ^2/NDF :334.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -62.920+/-0.769 χ^2/NDF : 641.2/13

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.945 ± 0.814 χ^2/NDF : 8.8/5

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

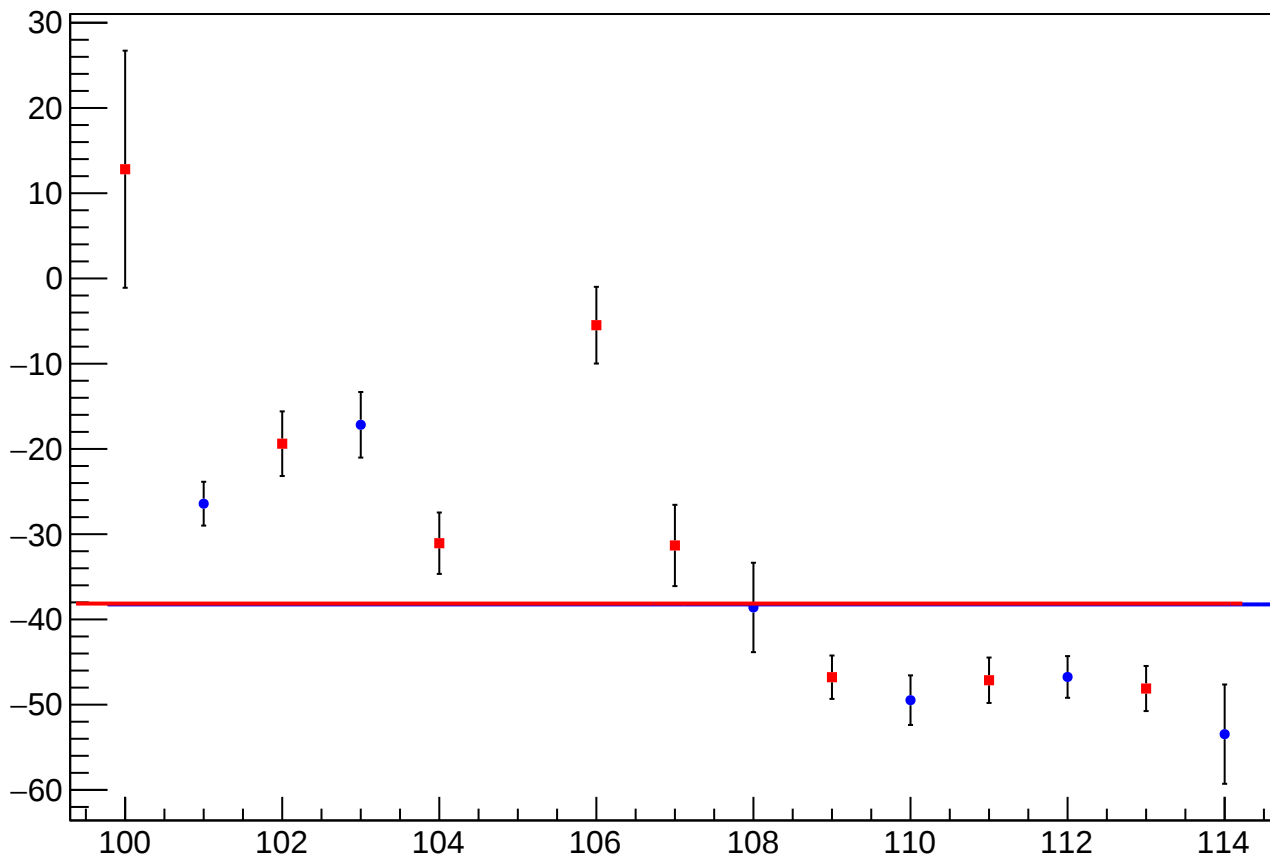
Right: -4.633 ± 0.560 χ^2/NDF : 26.7/13

In: -4.945 ± 0.814 χ^2/NDF : 8.8/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.633 ± 0.560 χ^2/NDF : 26.7/13

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -38.239+/-1.324 χ^2/NDF : 85.0/5

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

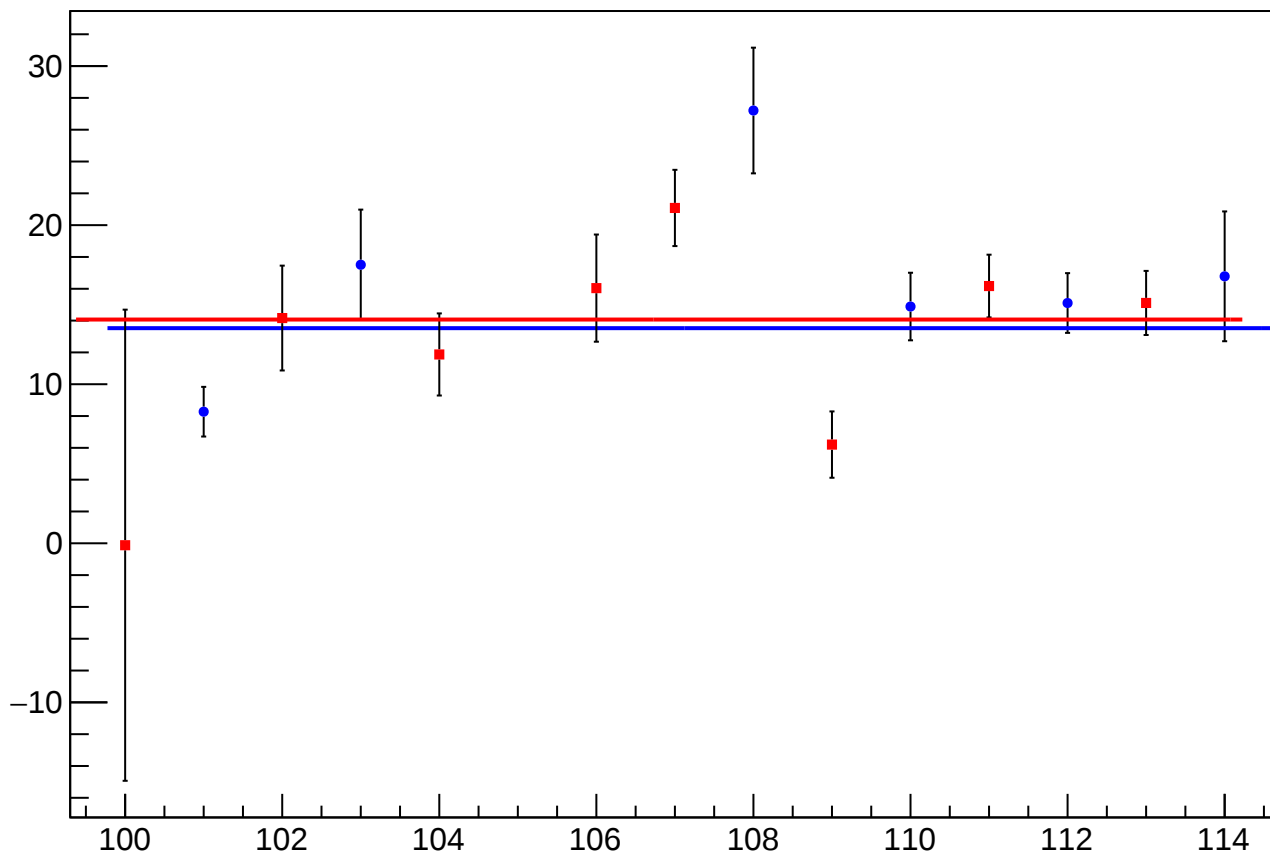
Right: -38.185+/-0.893 χ^2/NDF : 218.6/13

In: -38.239+/-1.324 χ^2/NDF : 85.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.185+/-0.893 χ^2/NDF : 218.6/13

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.524+/-0.944 χ^2/NDF : 26.4/5

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

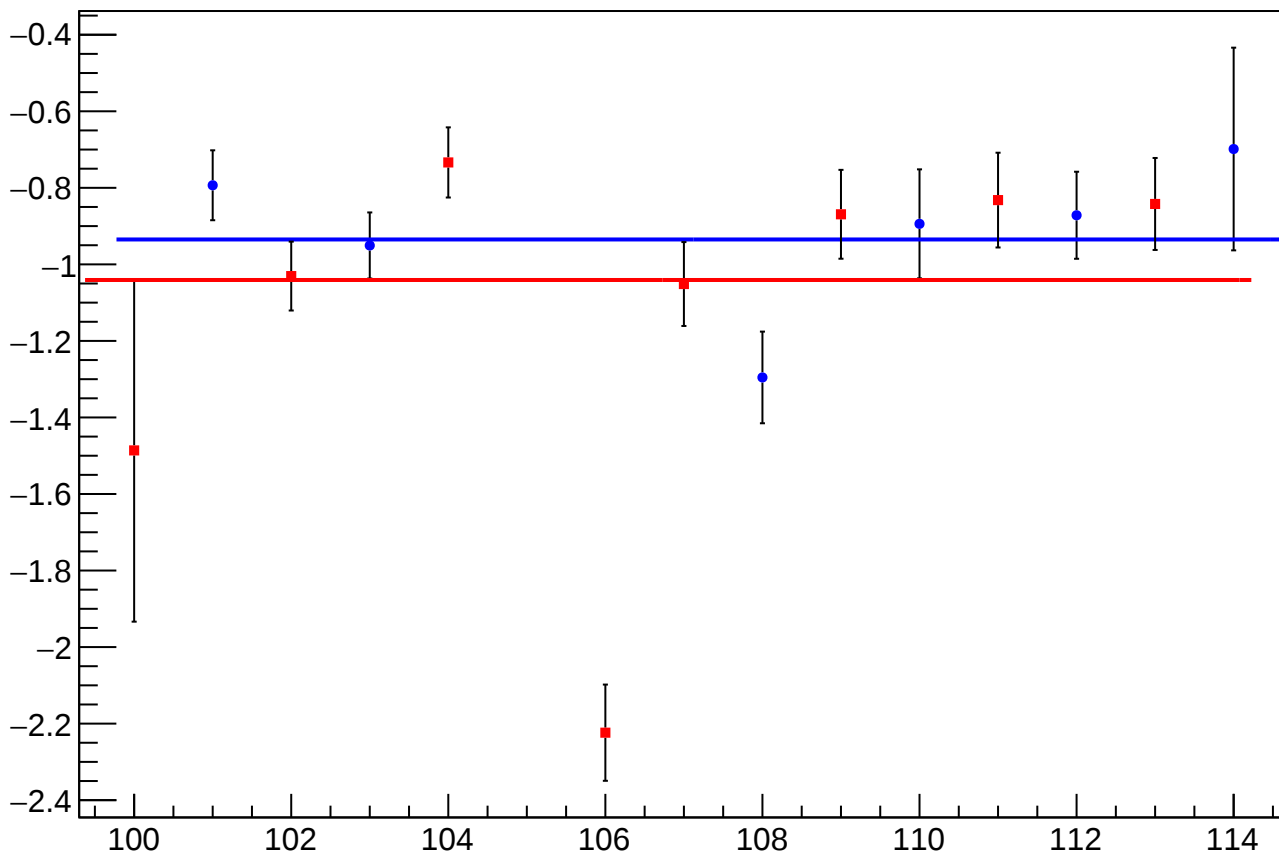
Right: 13.809+/-0.650 χ^2/NDF : 52.7/13

In: 13.524+/-0.944 χ^2/NDF : 26.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.809+/-0.650 χ^2/NDF : 52.7/13

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.935 ± 0.046 χ^2/NDF : 12.7/5

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

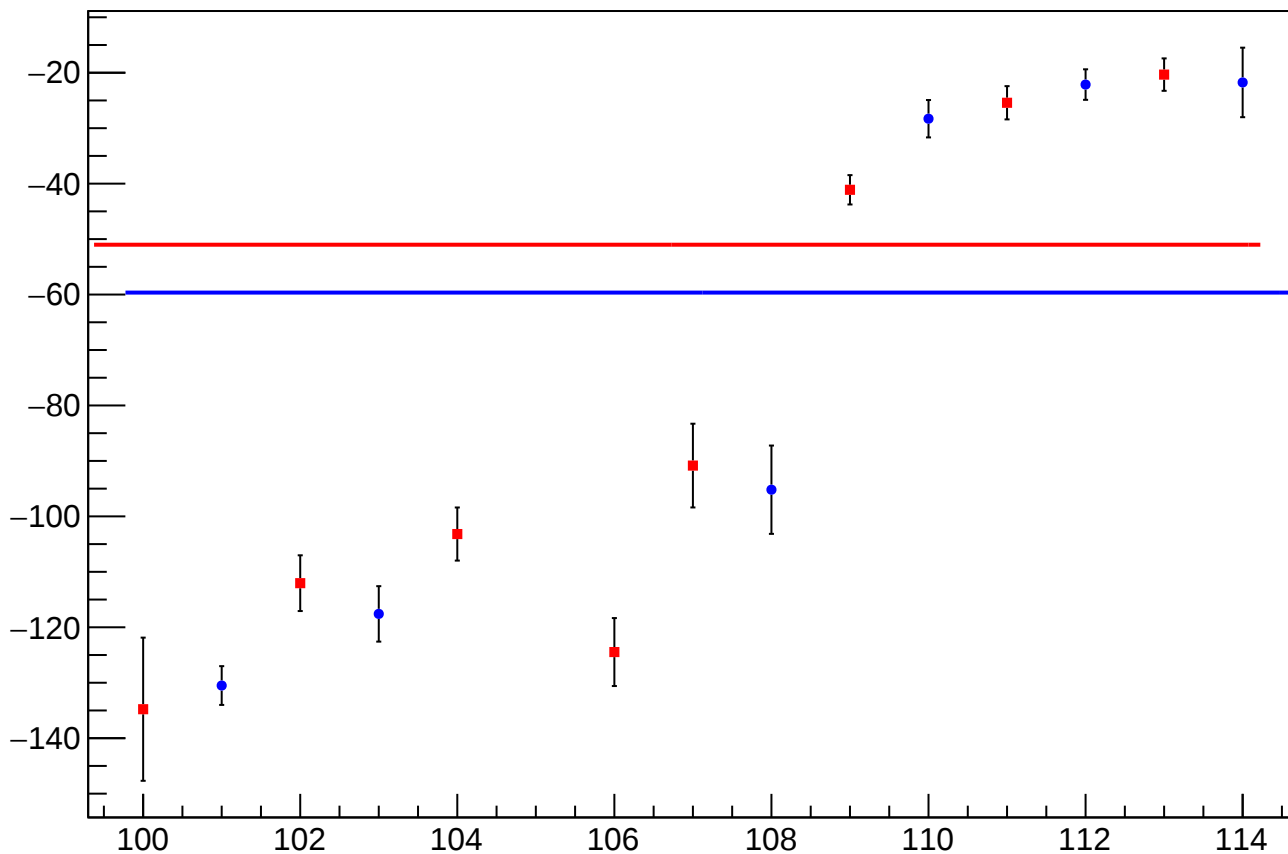
Right: -0.995 ± 0.031 χ^2/NDF : 124.2/13

In: -0.935 ± 0.046 χ^2/NDF : 12.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.995 ± 0.031 χ^2/NDF : 124.2/13

reg_asym_sam4_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -59.645+/-1.616 χ^2/NDF : 873.7/5

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

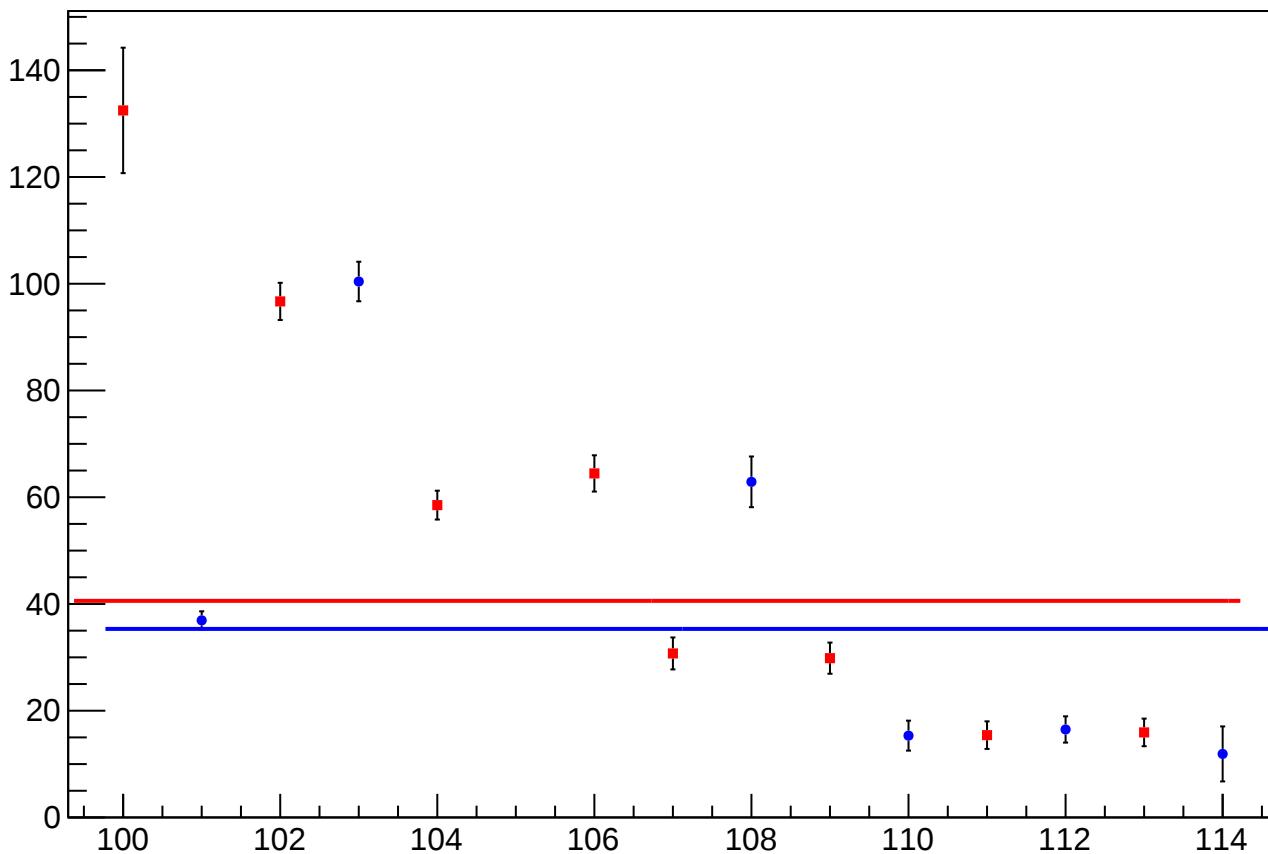
Right: -54.739+/-1.062 χ^2/NDF : 1566.7/13

In: -59.645+/-1.616 χ^2/NDF : 873.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -54.739+/-1.062 χ^2/NDF : 1566.7/13

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 35.328+/-1.120 χ^2/NDF : 473.3/5

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

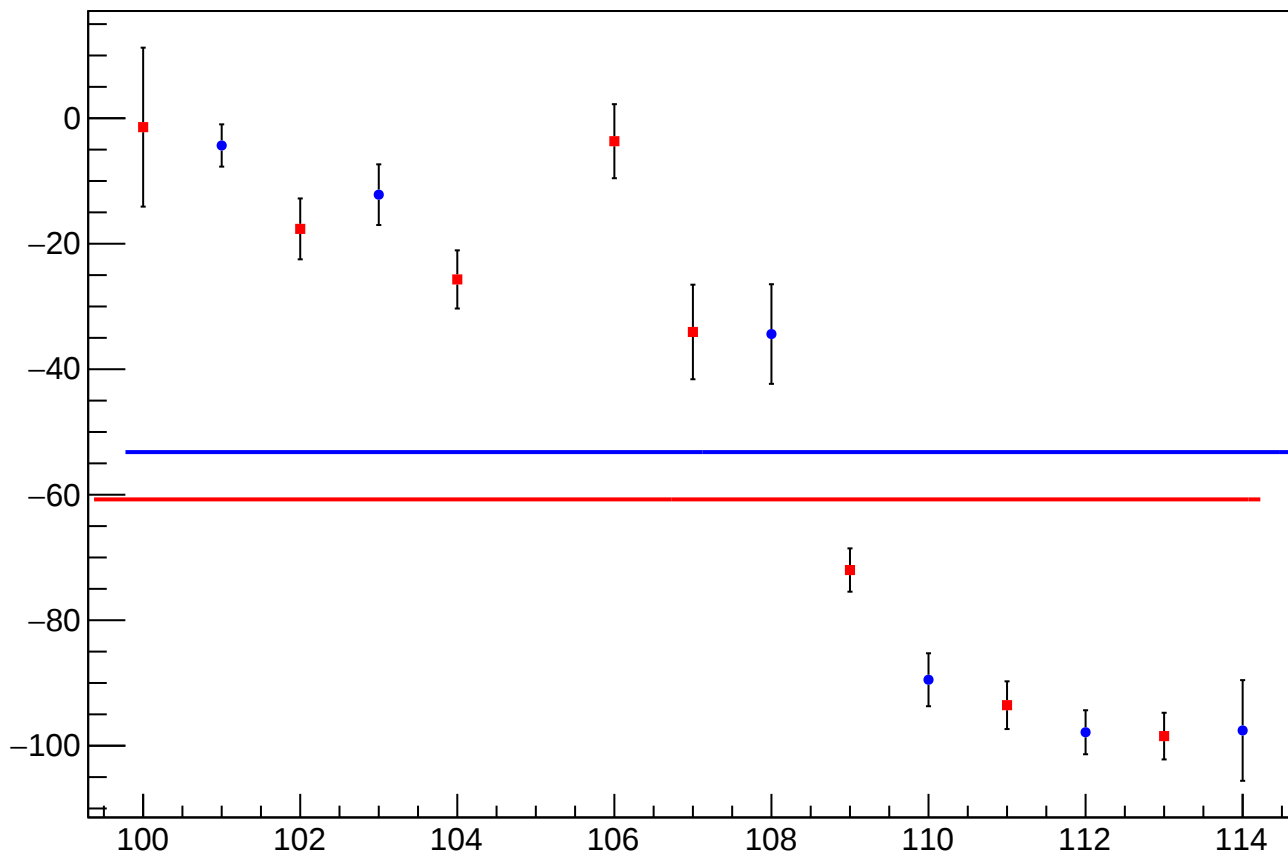
Right: 38.028+/-0.781 χ^2/NDF : 1108.4/13

In: 35.328+/-1.120 χ^2/NDF : 473.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.028+/-0.781 χ^2/NDF : 1108.4/13

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -53.206 $\pm$ 1.826 χ^2 /NDF: 554.7/5

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

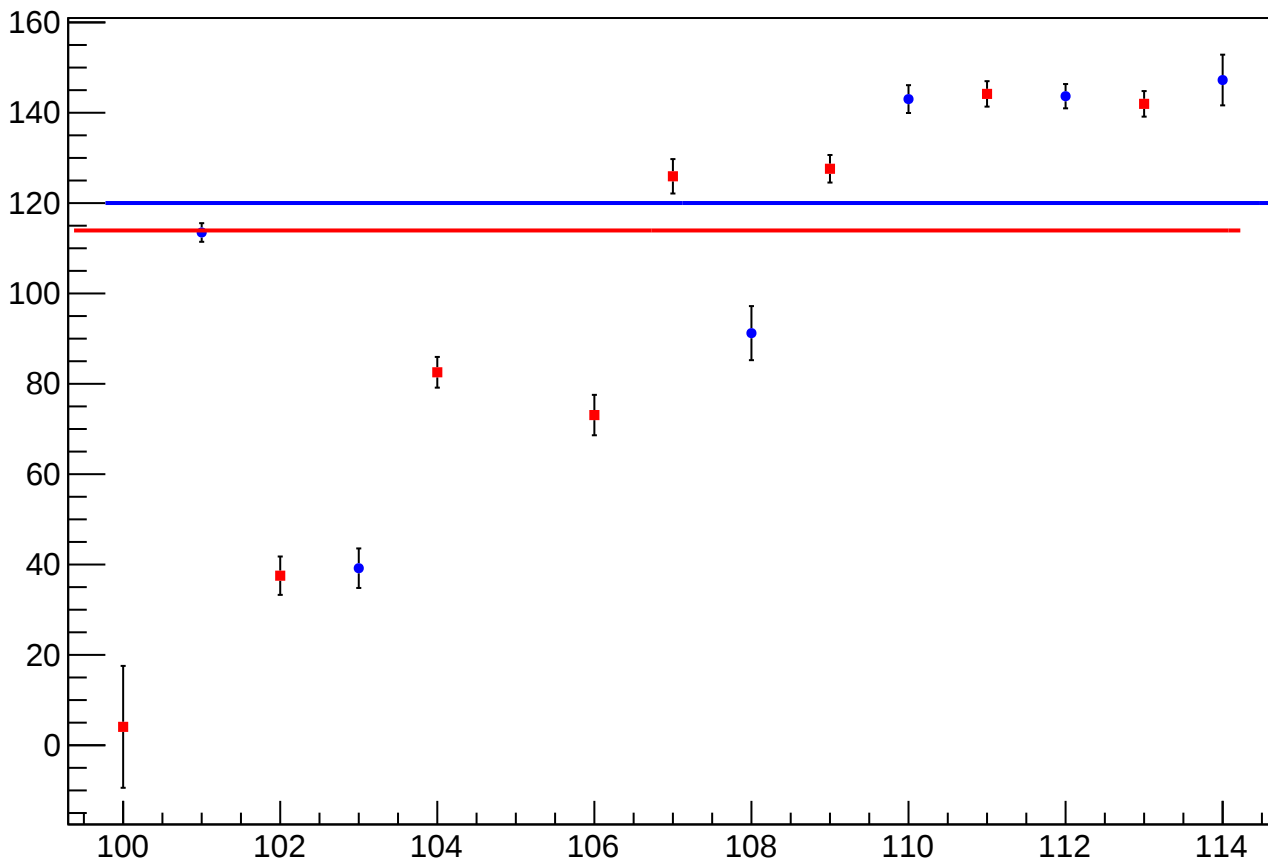
Right: -57.354 $\pm$ 1.225 χ^2 /NDF: 1016.3/13

In: -53.206 $\pm$ 1.826 χ^2 /NDF:554.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -57.354 $\pm$ 1.225 χ^2 /NDF: 1016.3/13

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 120.020 $\pm$ 1.301 χ^2 /NDF: 531.1/5

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

Right Out: 113.944 $\pm$ 1.265 χ^2 /NDF: 801.8/7

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

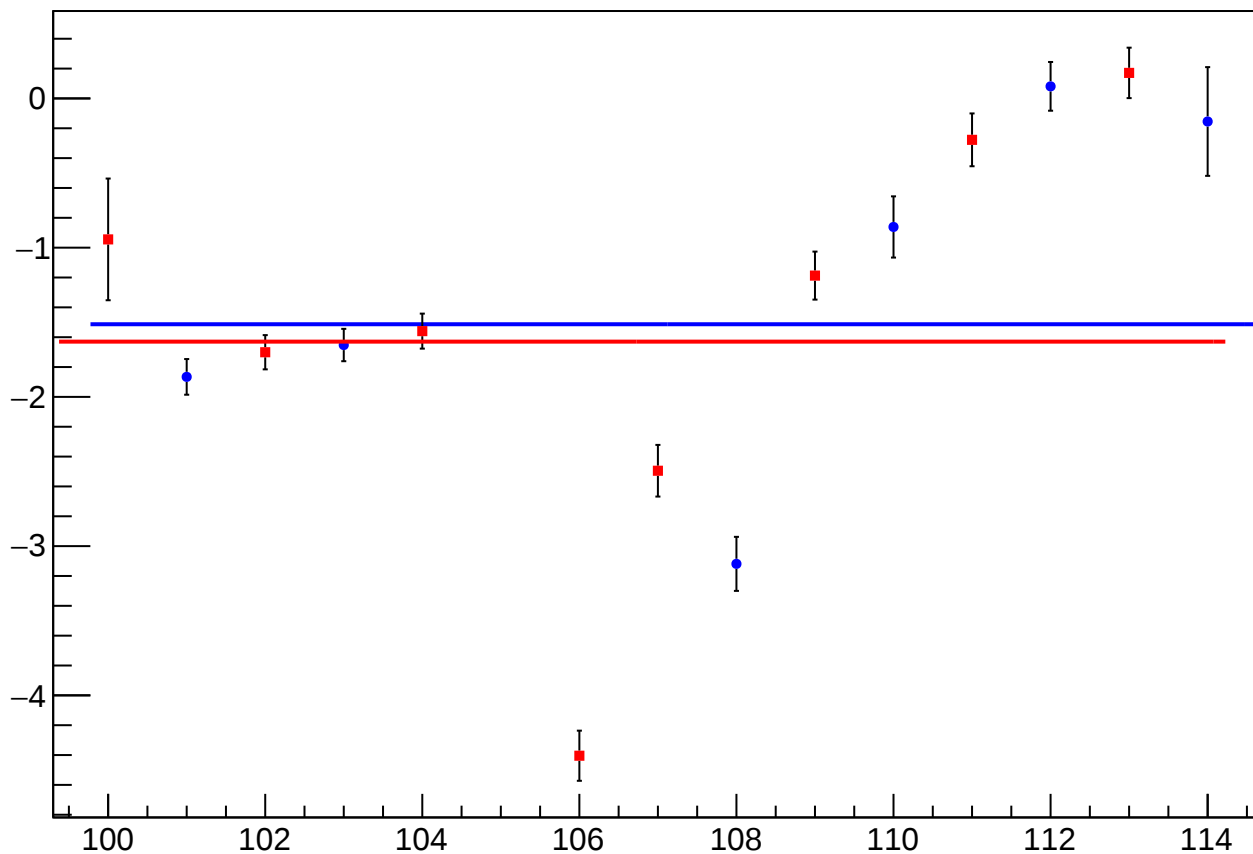
Right: 116.897 $\pm$ 0.907 χ^2 /NDF: 1344.1/13

In: 120.020 $\pm$ 1.301 χ^2 /NDF:531.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 116.897 $\pm$ 0.907 χ^2 /NDF: 1344.1/13

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.513+/-0.063 χ^2/NDF : 208.3/5

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

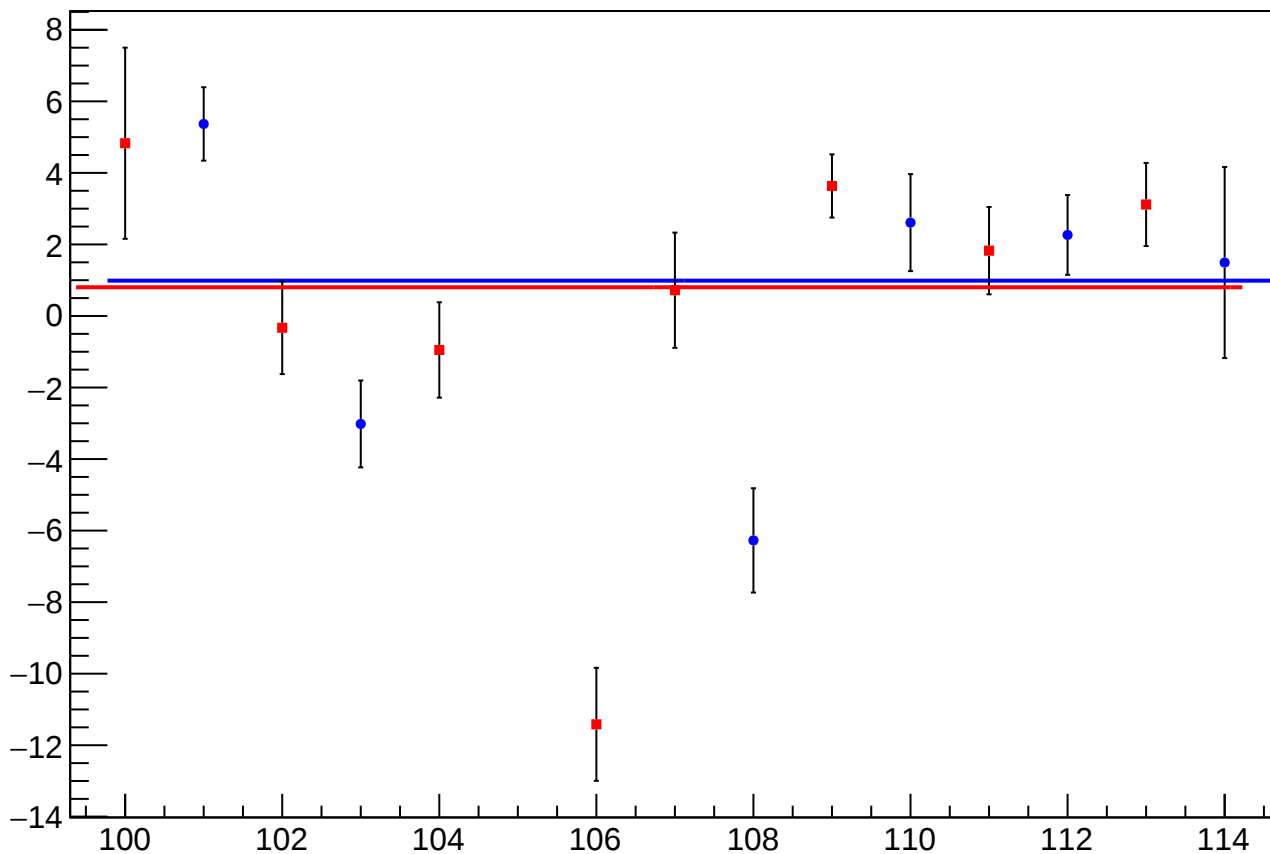
Right: -1.579+/-0.041 χ^2/NDF : 691.1/13

In: -1.513+/-0.063 χ^2/NDF : 208.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.579+/-0.041 χ^2/NDF : 691.1/13

reg_asym_sam5_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 0.987 $\pm$ 0.528 χ^2 /NDF: 56.7/5

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

Right Out: 0.803 $\pm$ 0.457 χ^2 /NDF: 79.6/7

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

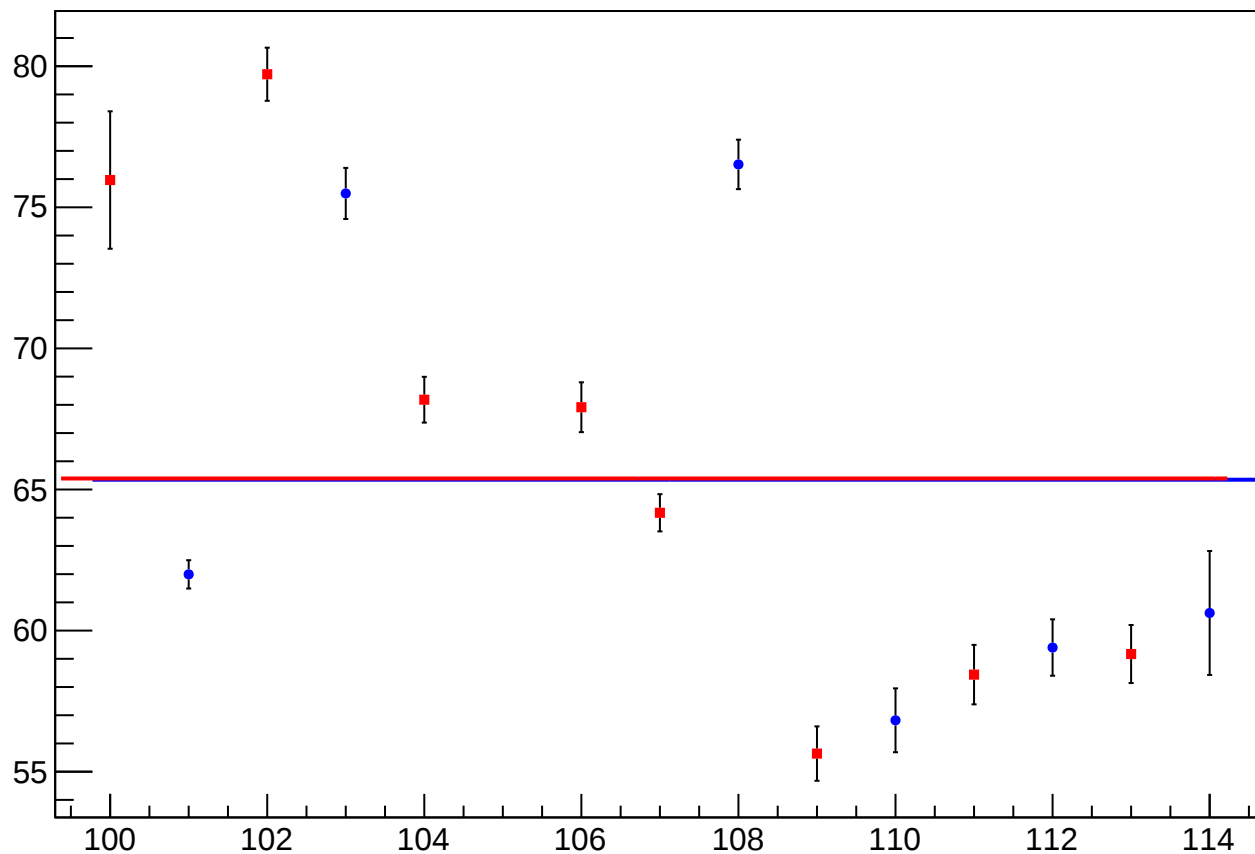
Right: 0.882 $\pm$ 0.346 χ^2 /NDF: 136.4/13

In: 0.987 $\pm$ 0.528 χ^2 /NDF:56.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.882 $\pm$ 0.346 χ^2 /NDF: 136.4/13

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 65.347+/-0.343 χ^2/NDF : 429.4/5

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

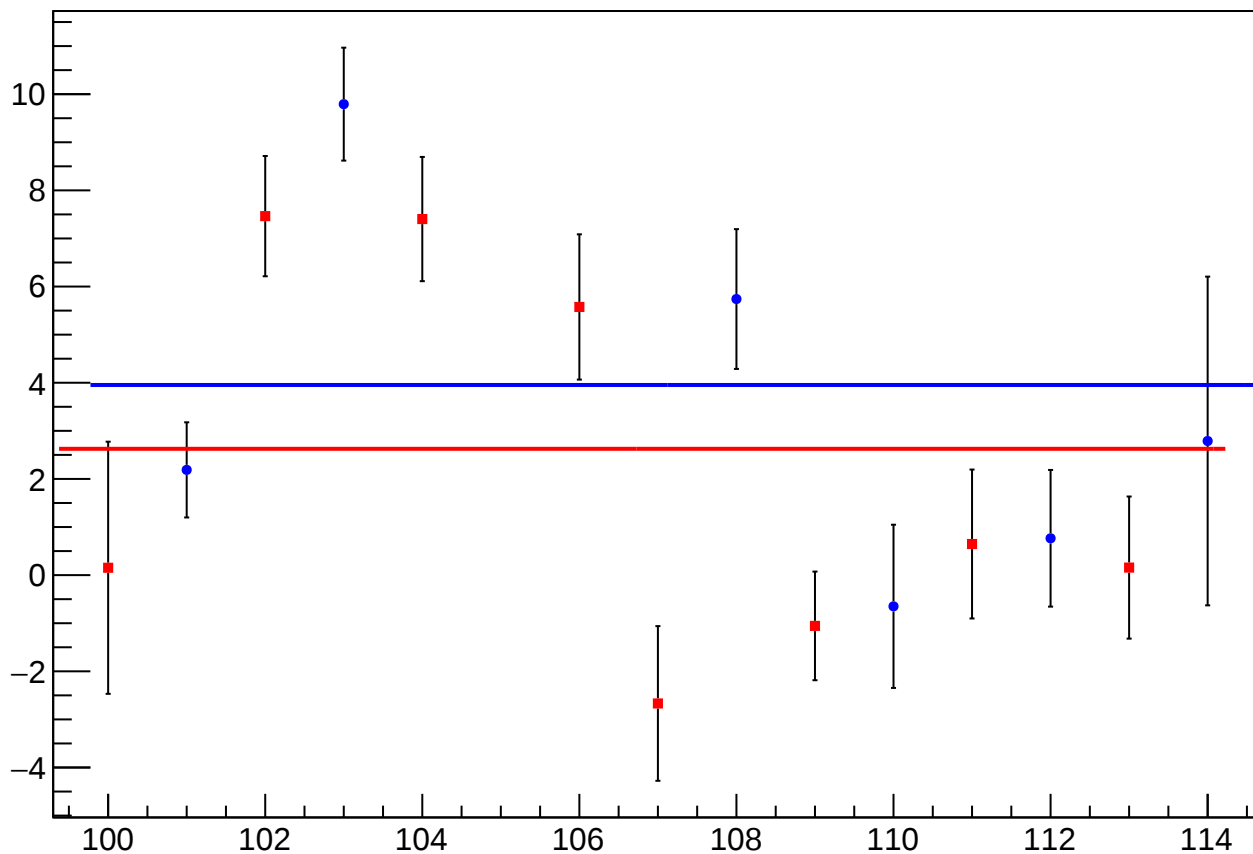
Right: 65.369+/-0.237 χ^2/NDF : 885.4/13

In: 65.347+/-0.343 χ^2/NDF : 429.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.369+/-0.237 χ^2/NDF : 885.4/13

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.954 $\pm$ 0.564 χ^2 /NDF: 41.9/5

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

Right Out: 2.626 $\pm$ 0.508 χ^2 /NDF: 59.2/7

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

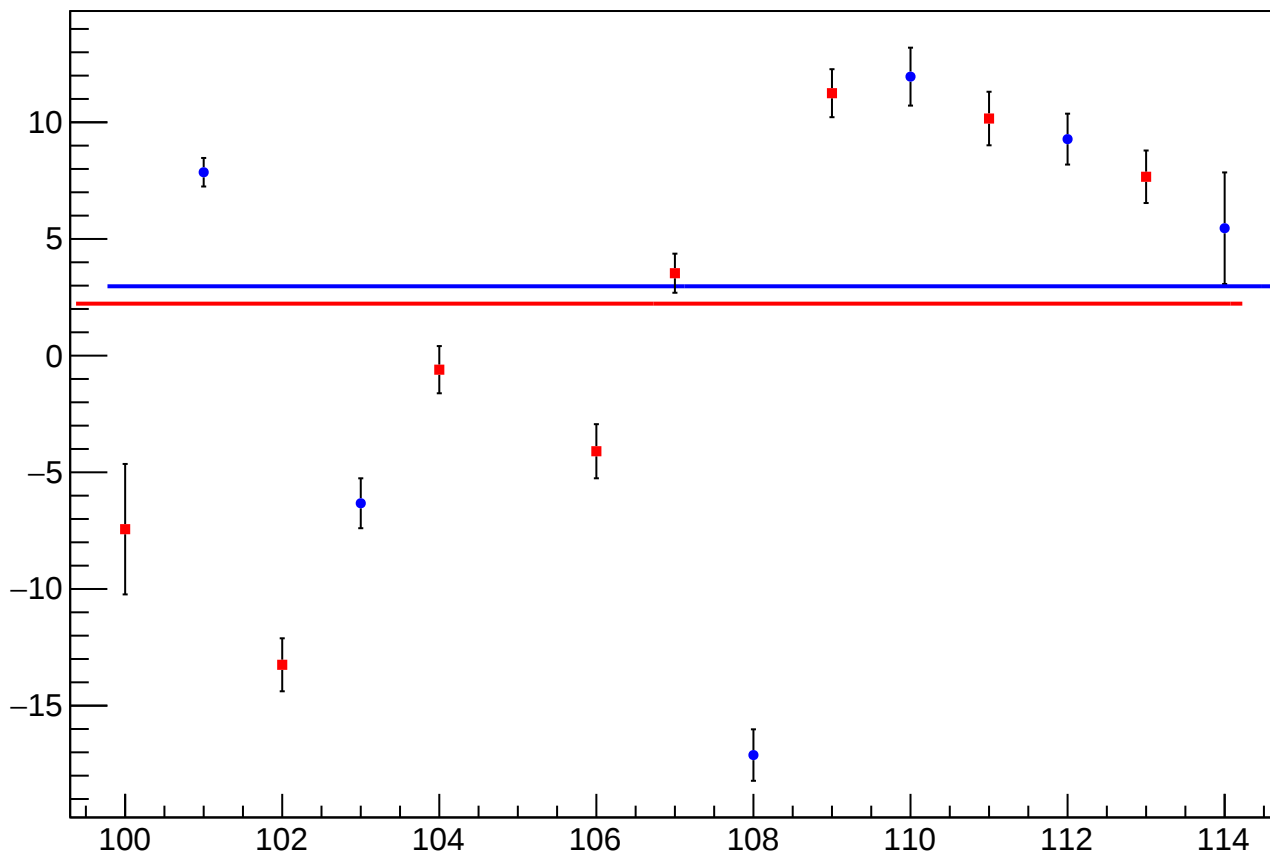
Right: 3.222 $\pm$ 0.377 χ^2 /NDF: 104.2/13

In: 3.954 $\pm$ 0.564 χ^2 /NDF:41.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.222 $\pm$ 0.377 χ^2 /NDF: 104.2/13

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.972+/-0.407 χ^2/NDF : 558.1/5

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

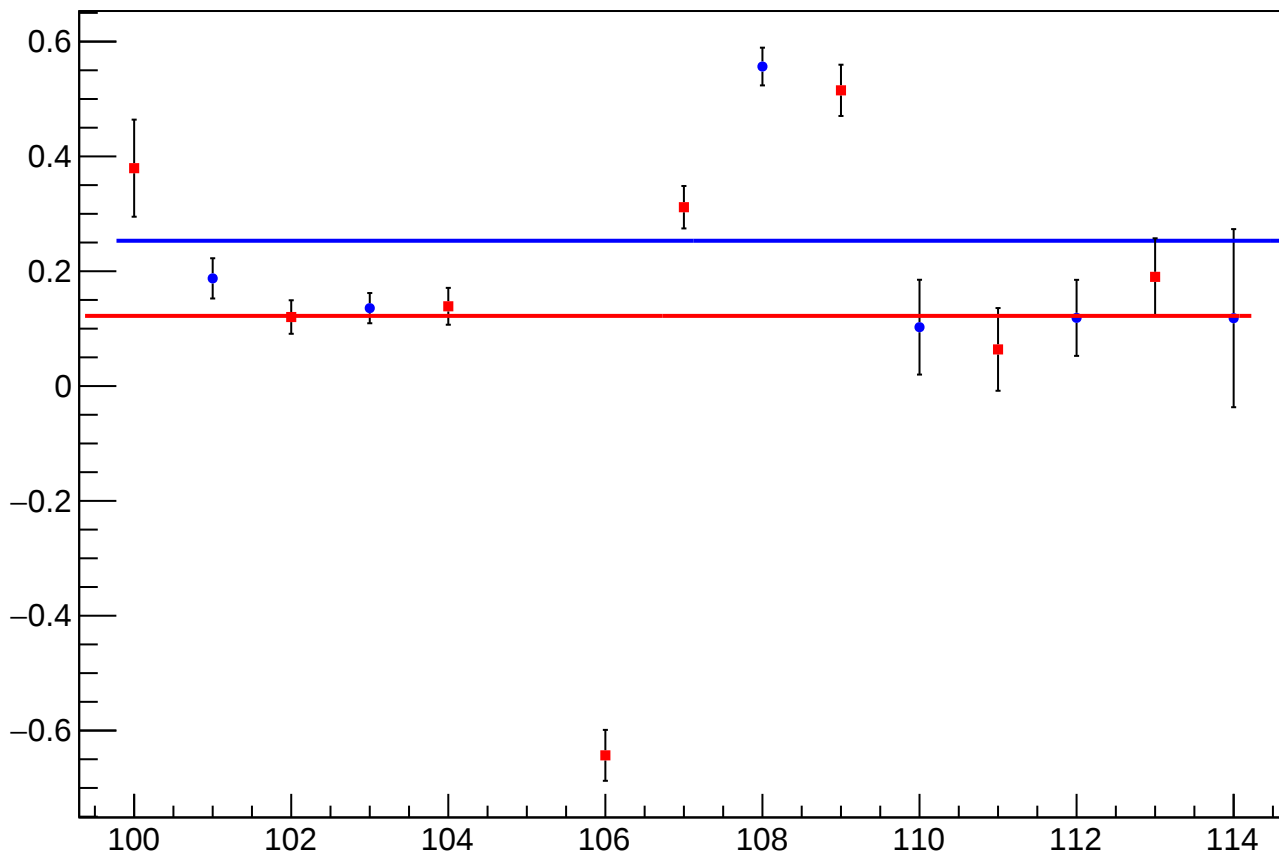
Right: 2.585+/-0.282 χ^2/NDF : 945.6/13

In: 2.972+/-0.407 χ^2/NDF : 558.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.585+/-0.282 χ^2/NDF : 945.6/13

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.253+/-0.017 χ^2/NDF : 116.9/5

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

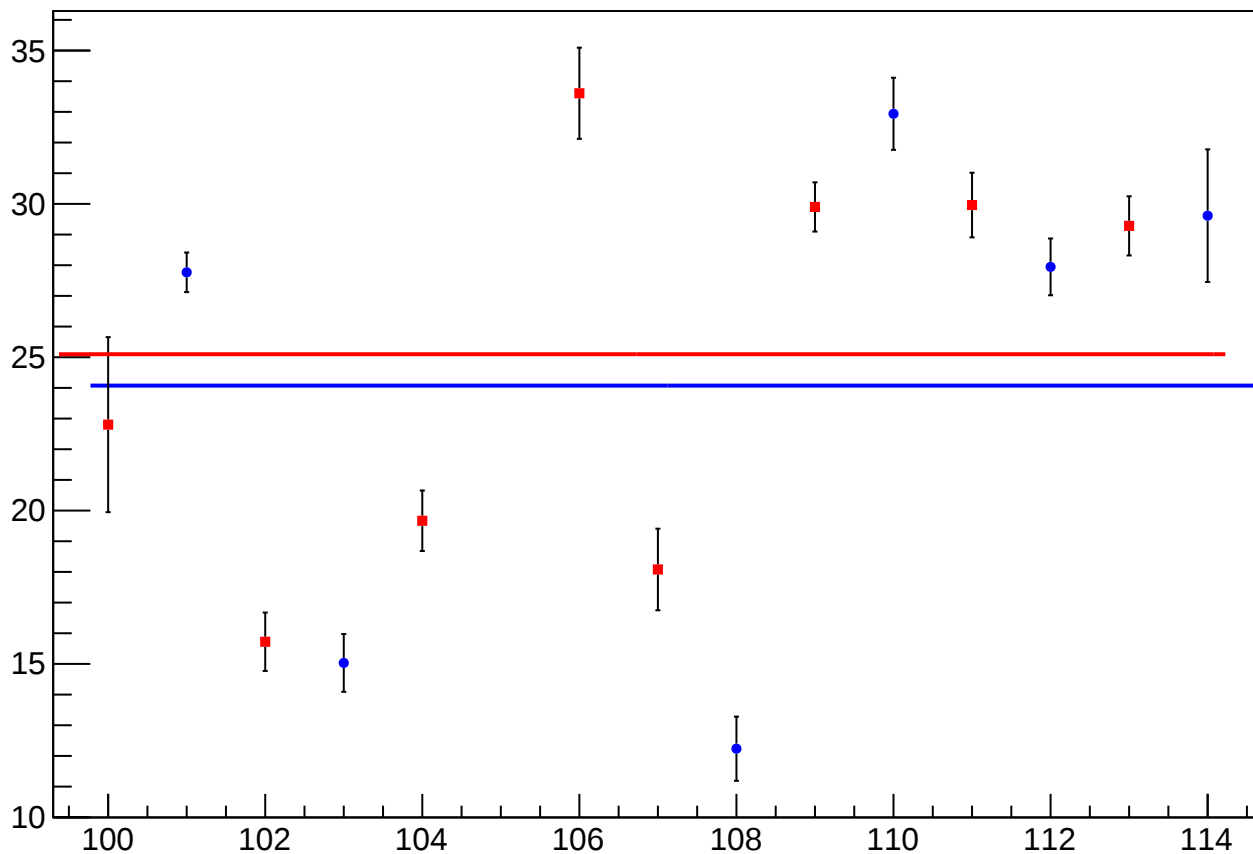
Right: 0.181+/-0.011 χ^2/NDF : 563.9/13

In: 0.253+/-0.017 χ^2/NDF : 116.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.181+/-0.011 χ^2/NDF : 563.9/13

reg_asym_sam6_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 24.075+/-0.391 χ^2/NDF : 333.7/5

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

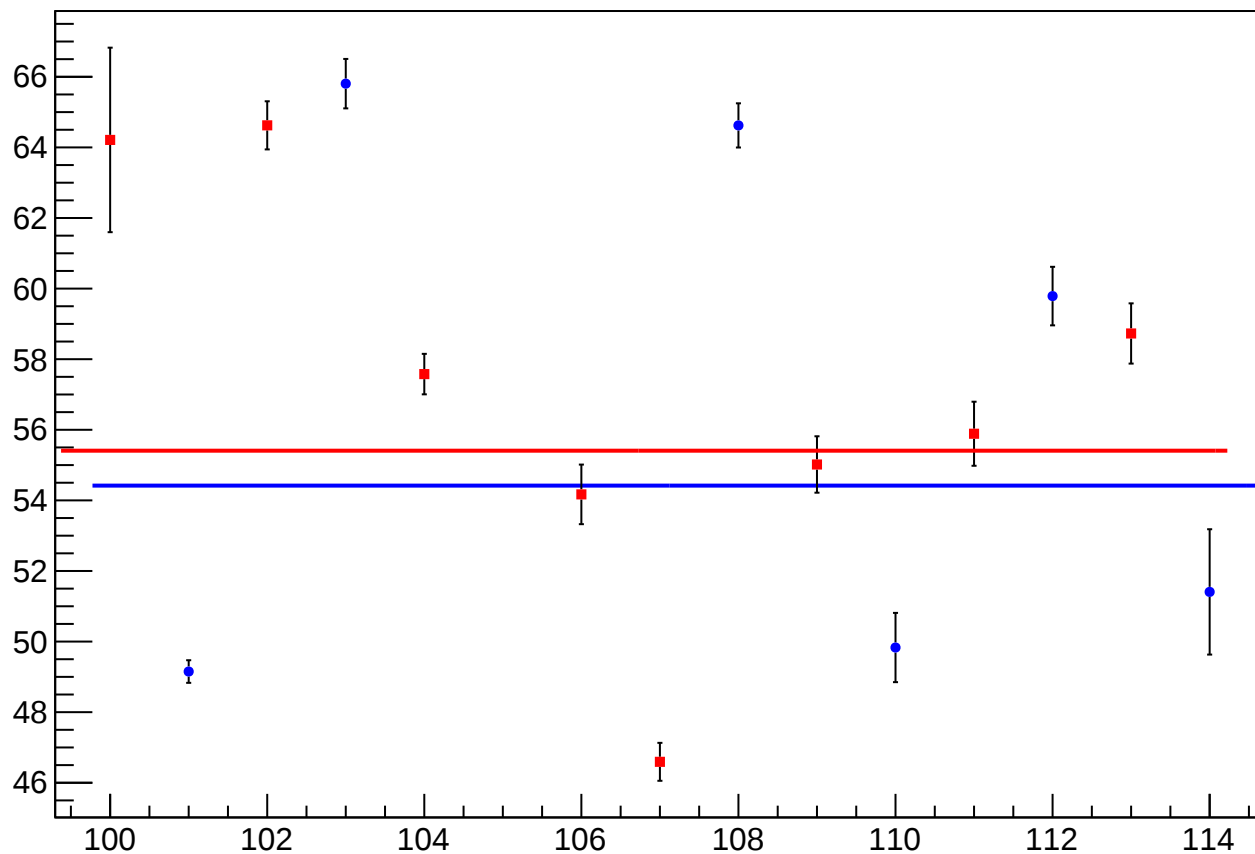
Right: 24.596+/-0.274 χ^2/NDF : 601.7/13

In: 24.075+/-0.391 χ^2/NDF : 333.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.596+/-0.274 χ^2/NDF : 601.7/13

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 54.419+/-0.241 χ^2 /NDF: 867.2/5

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

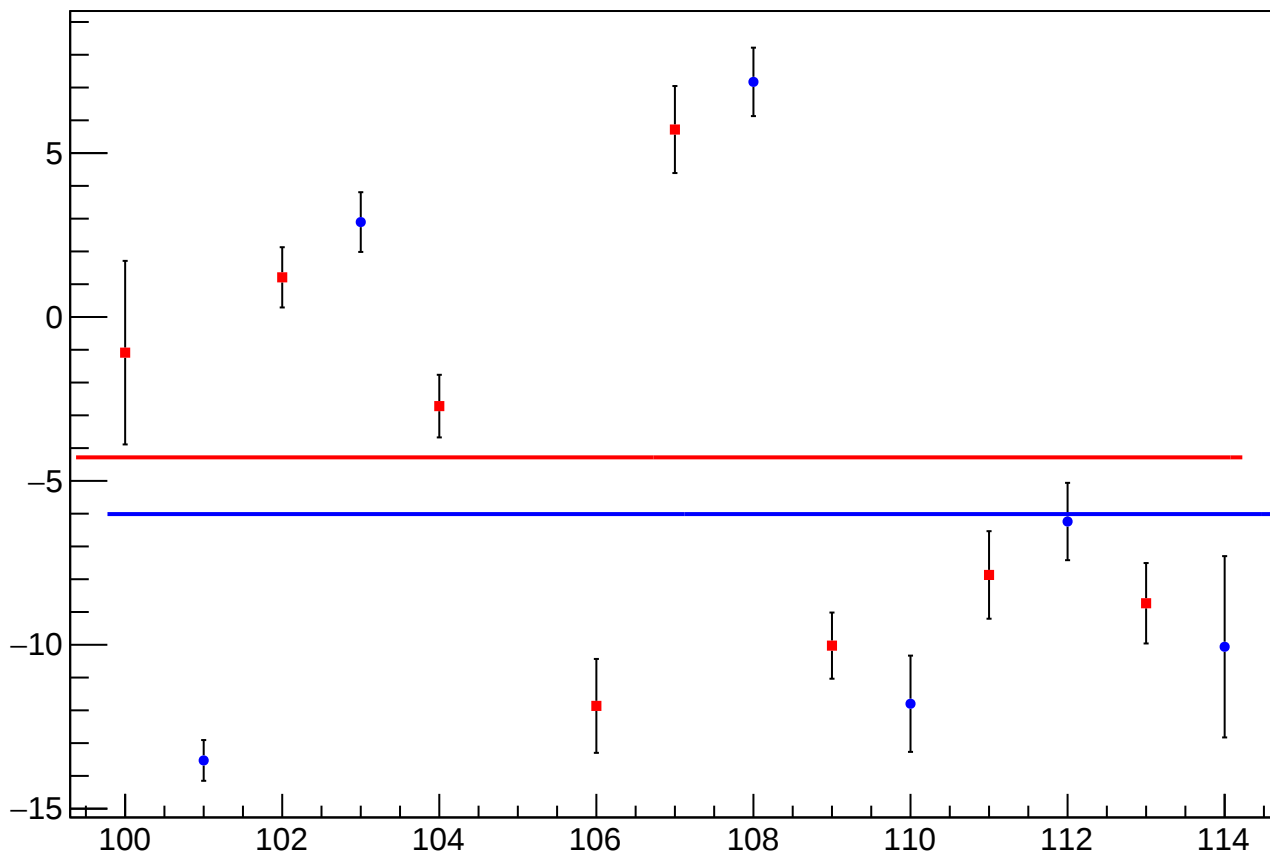
Right: 54.869+/-0.178 χ^2 /NDF: 1370.0/13

In: 54.419+/-0.241 χ^2 /NDF:867.2/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 54.869+/-0.178 χ^2 /NDF: 1370.0/13

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -6.013 $\pm$ 0.407 χ^2 /NDF: 419.1/5

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

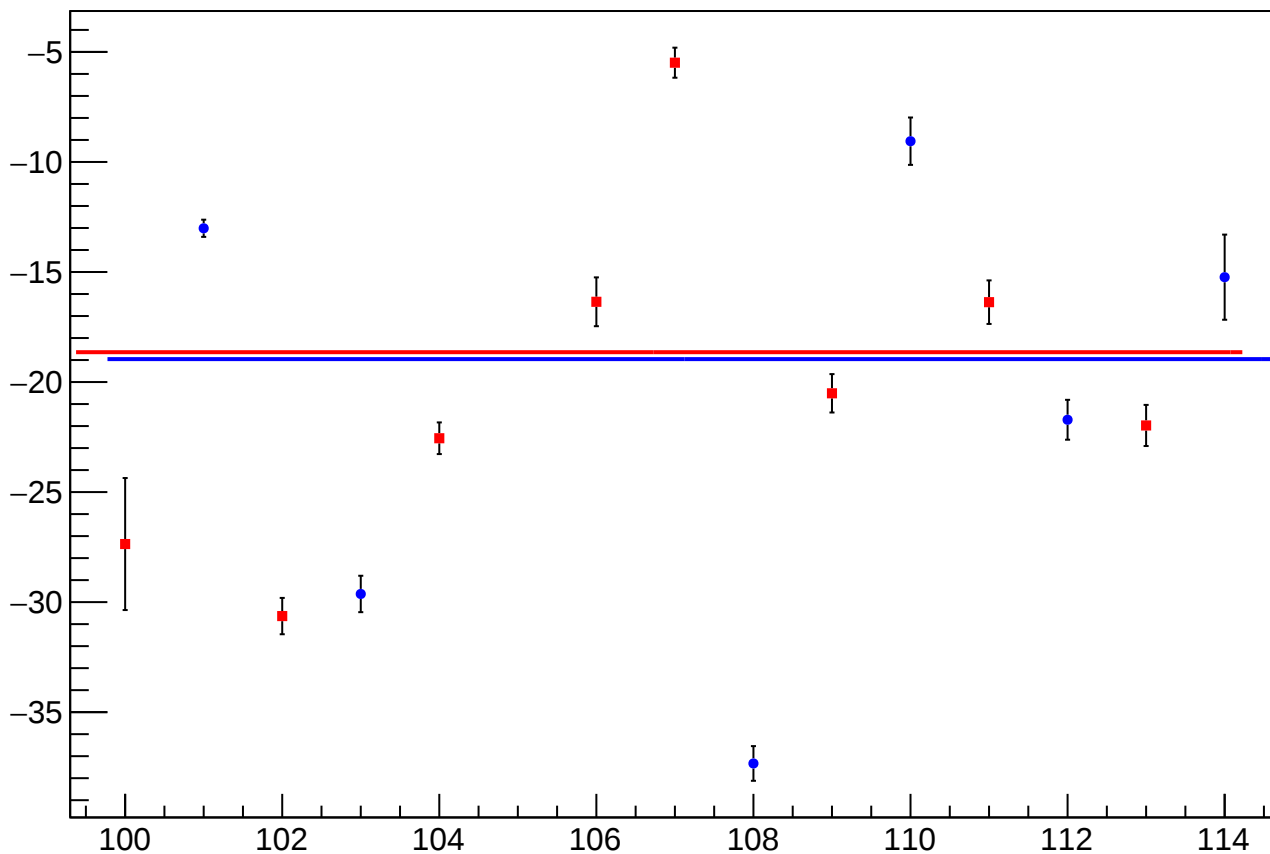
Right: -5.174 $\pm$ 0.292 χ^2 /NDF: 605.0/13

In: -6.013 $\pm$ 0.407 χ^2 /NDF:419.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.174 $\pm$ 0.292 χ^2 /NDF: 605.0/13

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -18.958 $\pm$ 0.289 χ^2 /NDF: 1039.5/5

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

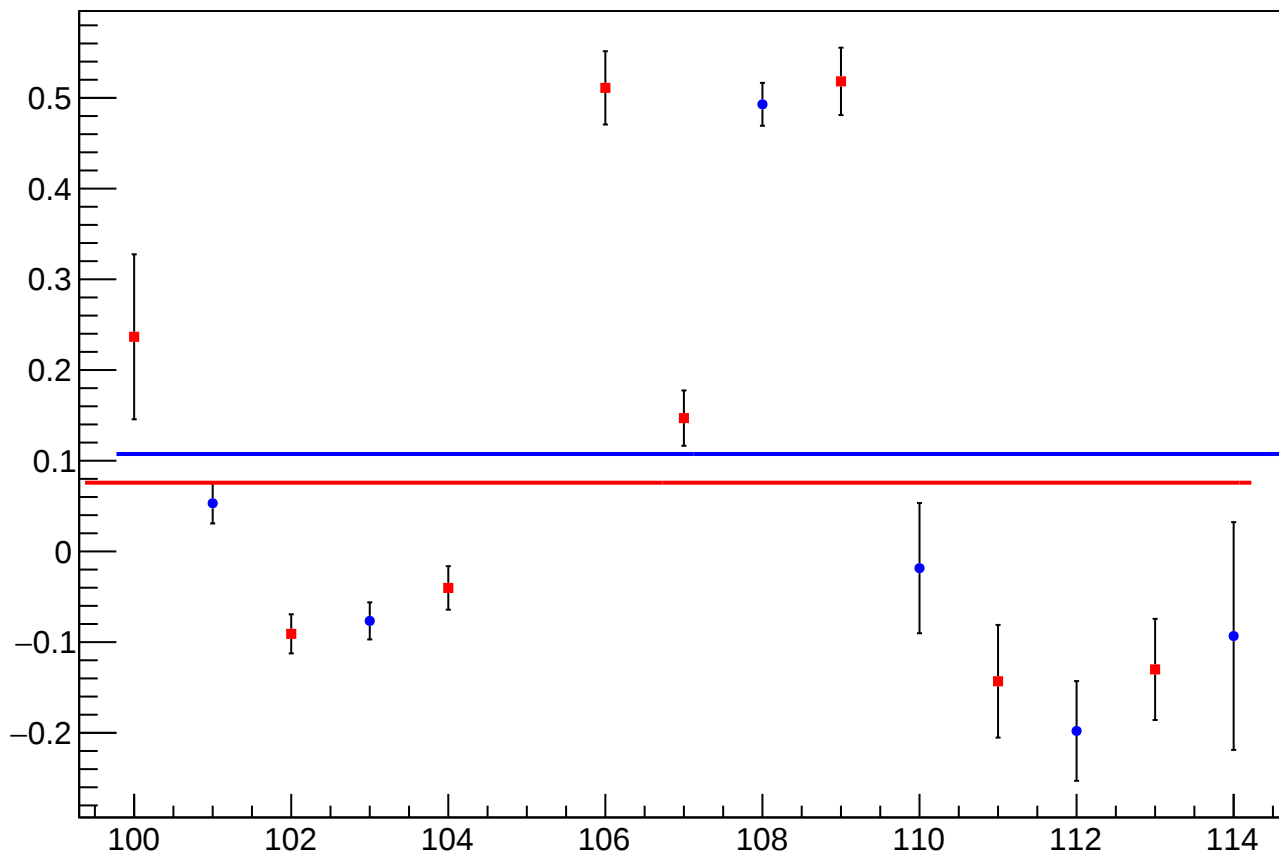
Right: -18.815 $\pm$ 0.214 χ^2 /NDF: 1687.0/13

In: -18.958 $\pm$ 0.289 χ^2 /NDF:1039.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -18.815 $\pm$ 0.214 χ^2 /NDF: 1687.0/13

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.107+/-0.012 χ^2/NDF : 389.2/5

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

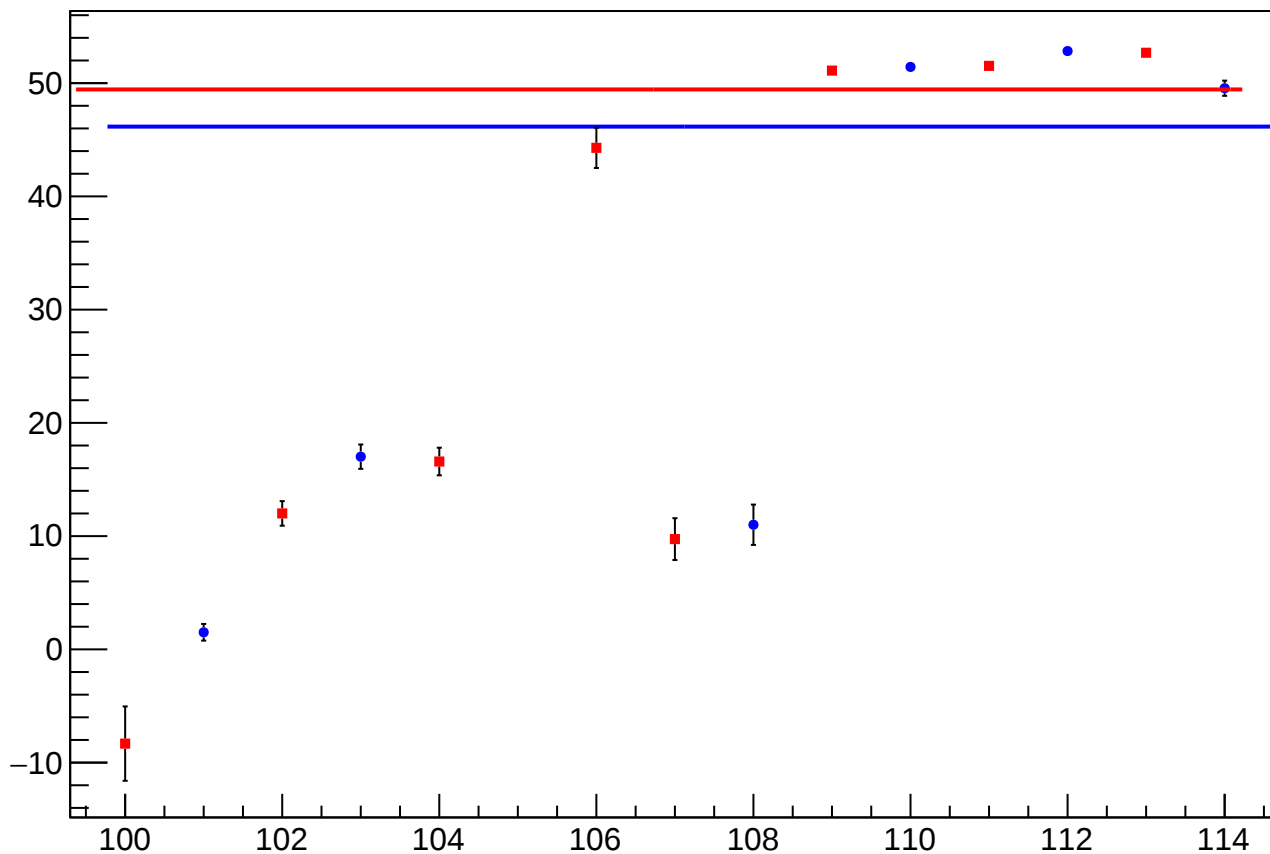
Right: 0.091+/-0.009 χ^2/NDF : 768.3/13

In: 0.107+/-0.012 χ^2/NDF : 389.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.091+/-0.009 χ^2/NDF : 768.3/13

reg_asym_sam7_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 46.162+/-0.207 χ^2/NDF : 5514.7/5

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

Right Out: 49.443+/-0.170 χ^2/NDF : 2876.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

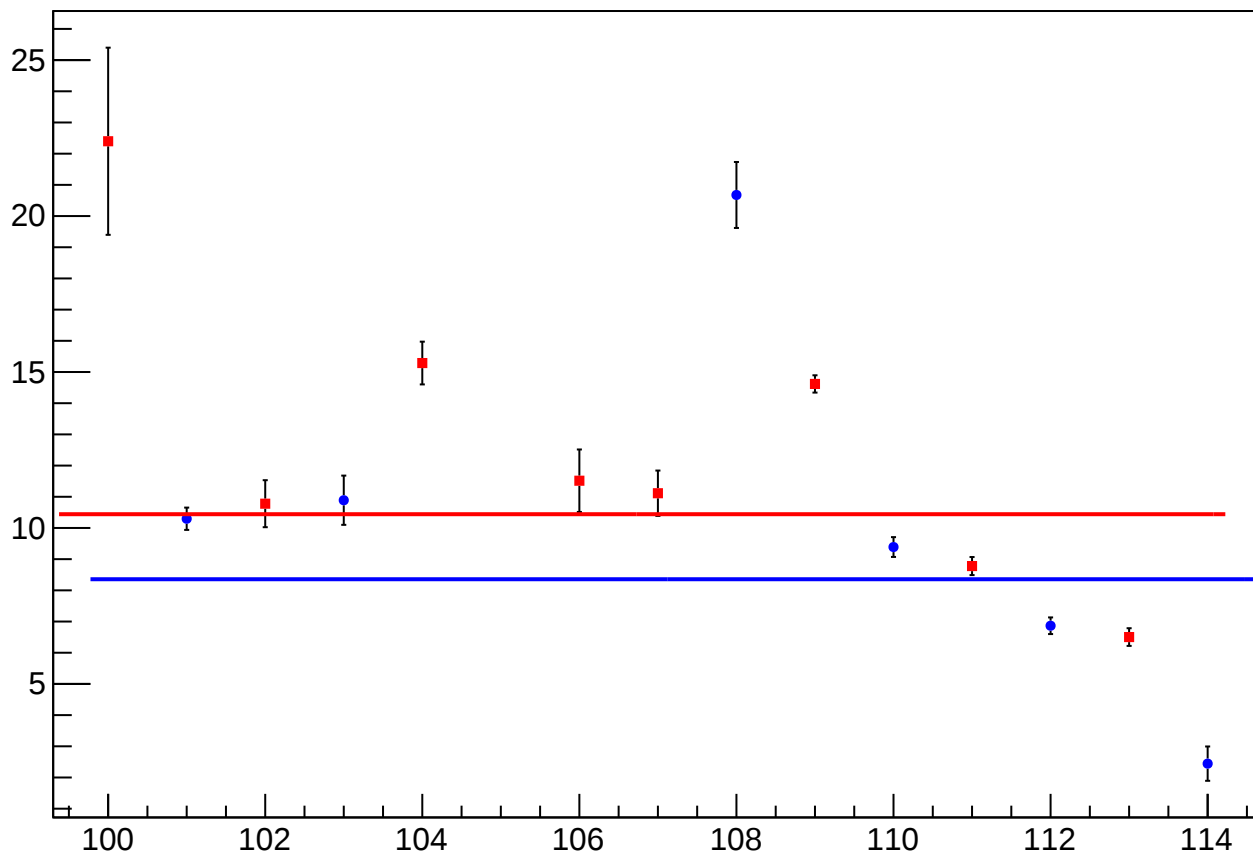
Right: 48.117+/-0.132 χ^2/NDF : 8541.1/13

In: 46.162+/-0.207 χ^2/NDF : 5514.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.117+/-0.132 χ^2/NDF : 8541.1/13

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.356+/-0.163 χ^2/NDF : 332.6/5

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

Right Out: 10.441+/-0.150 χ^2/NDF : 521.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

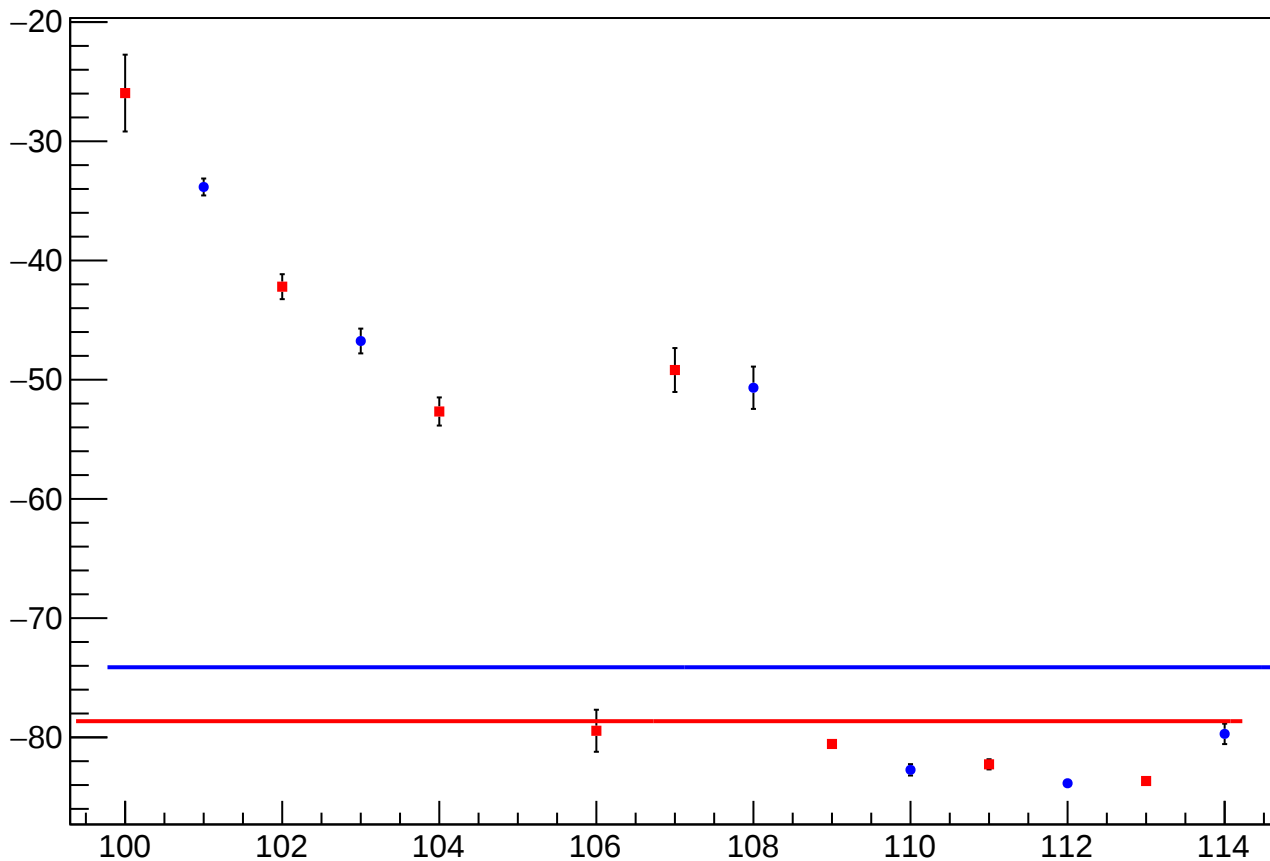
Right: 9.484+/-0.111 χ^2/NDF : 942.2/13

In: 8.356+/-0.163 χ^2/NDF : 332.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.484+/-0.111 χ^2/NDF : 942.2/13

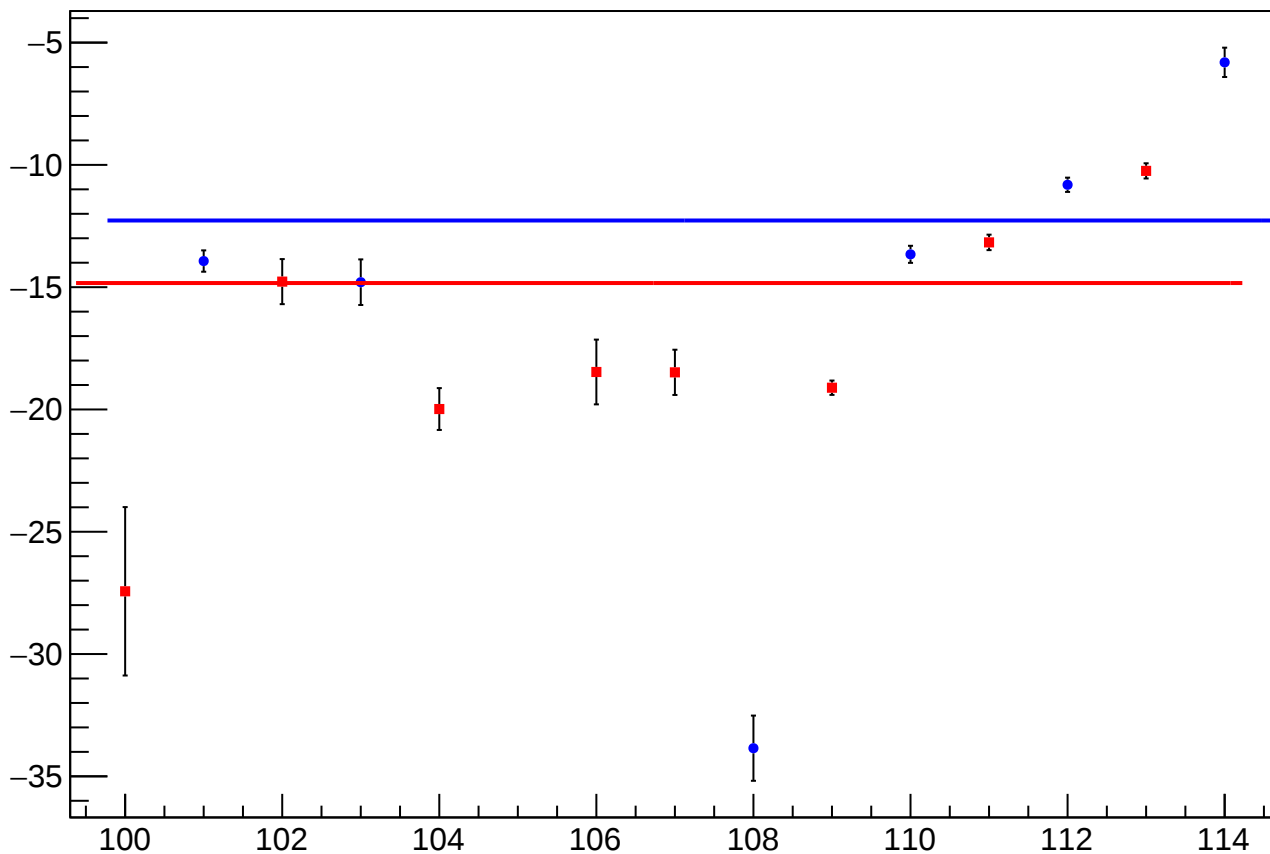
reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -74.120 $\pm$ 0.251 χ^2 /NDF: 5112.0/5
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -78.644 $\pm$ 0.214 χ^2 /NDF: 2472.3/7
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -76.739 $\pm$ 0.163 χ^2 /NDF: 7772.7/13
 In: -74.120 $\pm$ 0.251 χ^2 /NDF:5112.0/5
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -76.739 $\pm$ 0.163 χ^2 /NDF: 7772.7/13

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.274+/-0.183 χ^2/NDF : 440.7/5

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

Right Out: -14.831+/-0.166 χ^2/NDF : 531.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

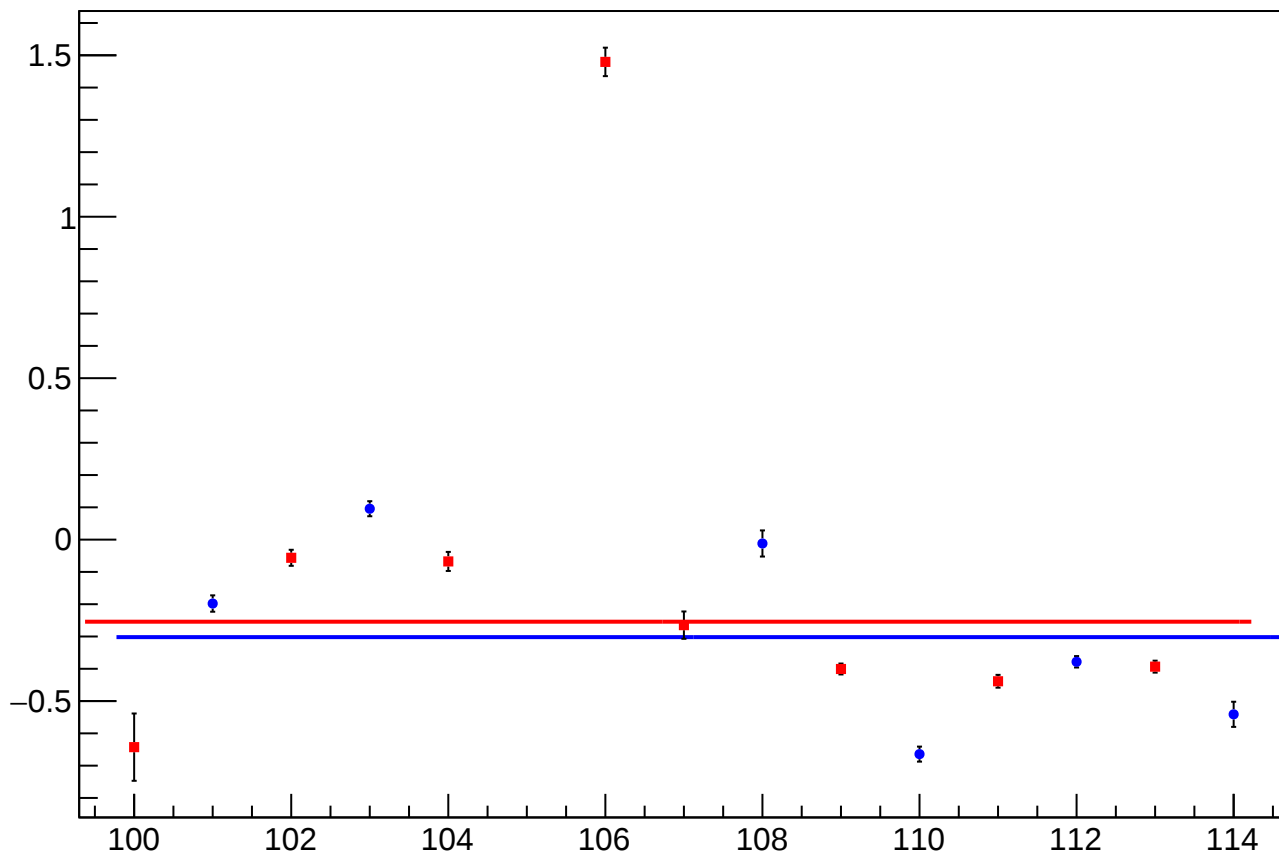
Right: -13.682+/-0.123 χ^2/NDF : 1079.5/13

In: -12.274+/-0.183 χ^2/NDF : 440.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.682+/-0.123 χ^2/NDF : 1079.5/13

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.302 ± 0.010 χ^2/NDF : 658.3/5

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

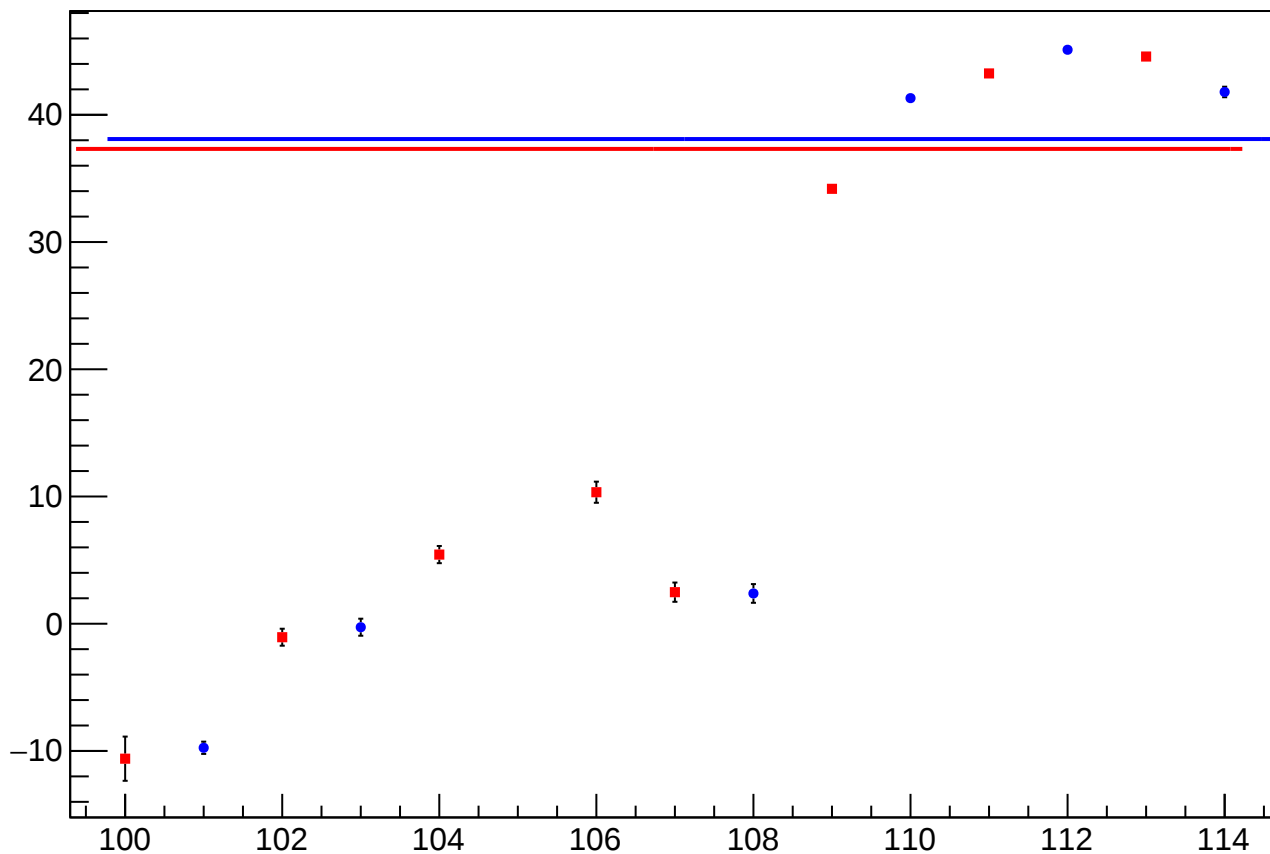
Right: -0.275 ± 0.007 χ^2/NDF : 2554.2/13

In: -0.302 ± 0.010 χ^2/NDF : 658.3/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.275 ± 0.007 χ^2/NDF : 2554.2/13

reg_asym_sam8_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 38.095 $\pm$ 0.116 χ^2 /NDF: 17646.2/5

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

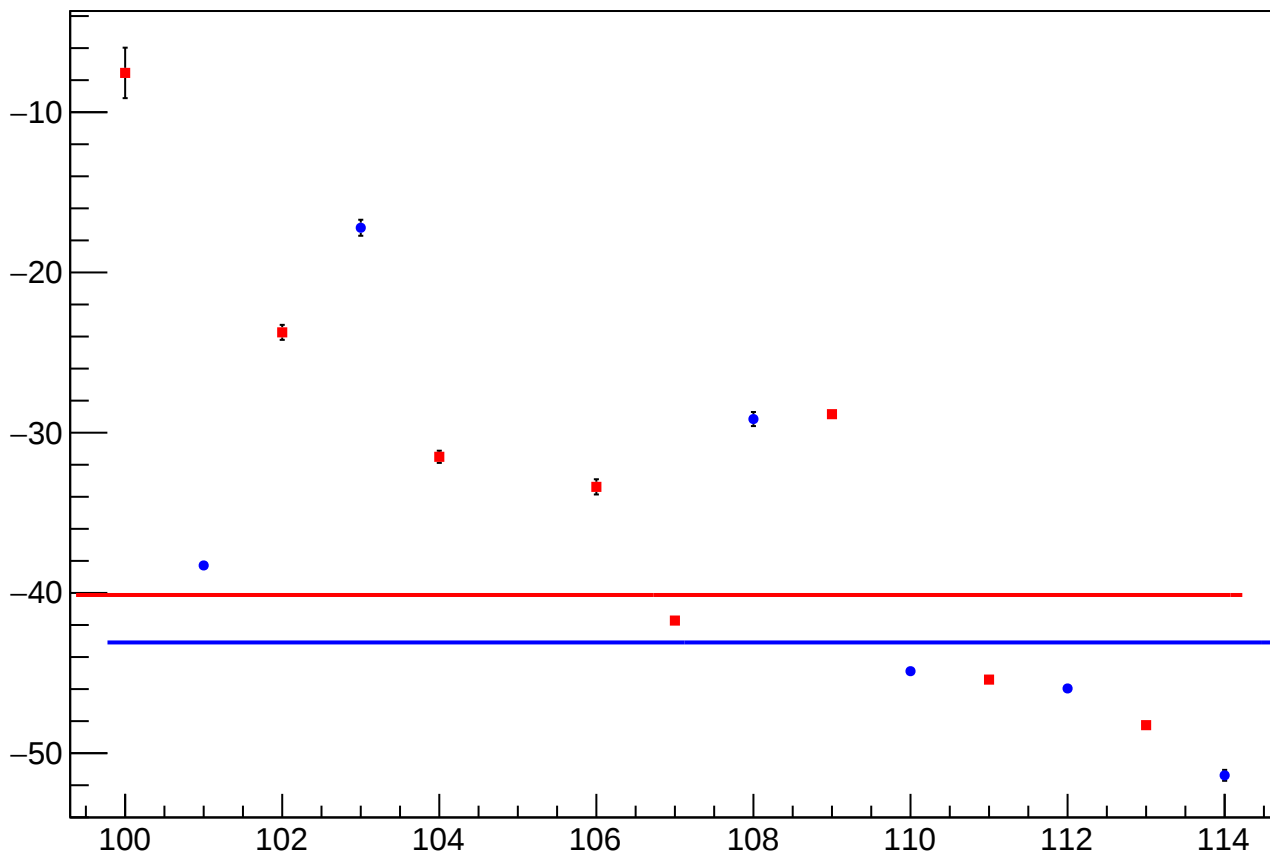
Right: 37.623 $\pm$ 0.072 χ^2 /NDF: 30340.4/13

In: 38.095 $\pm$ 0.116 χ^2 /NDF:17646.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 37.623 $\pm$ 0.072 χ^2 /NDF: 30340.4/13

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -43.090 $\pm$ 0.093 χ^2 /NDF: 5191.0/5

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

Right Out: -40.128 $\pm$ 0.083 χ^2 /NDF: 10482.3/7

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

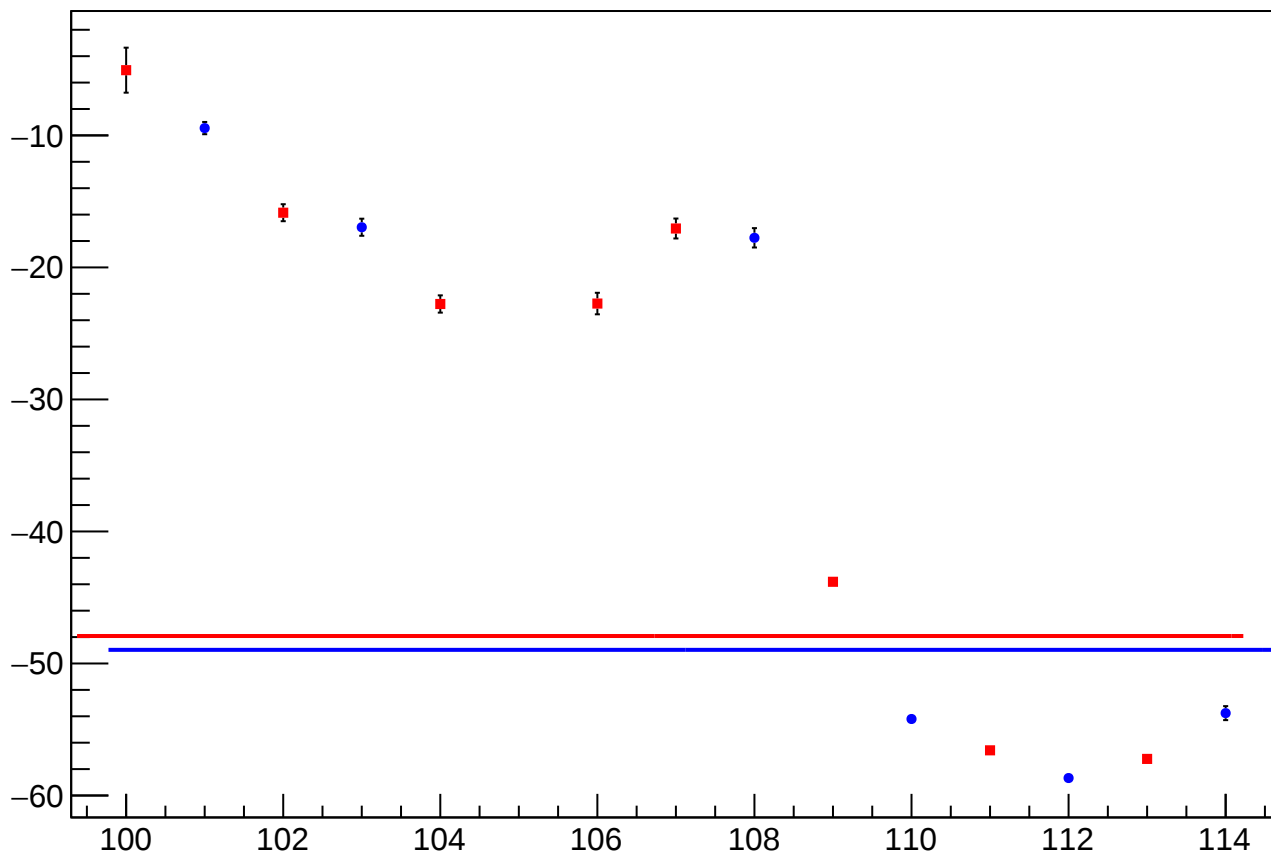
Right: -41.449 $\pm$ 0.062 χ^2 /NDF: 16236.3/13

In: -43.090 $\pm$ 0.093 χ^2 /NDF:5191.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -41.449 $\pm$ 0.062 χ^2 /NDF: 16236.3/13

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.967 $\pm$ 0.141 χ^2 /NDF: 14143.8/5

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

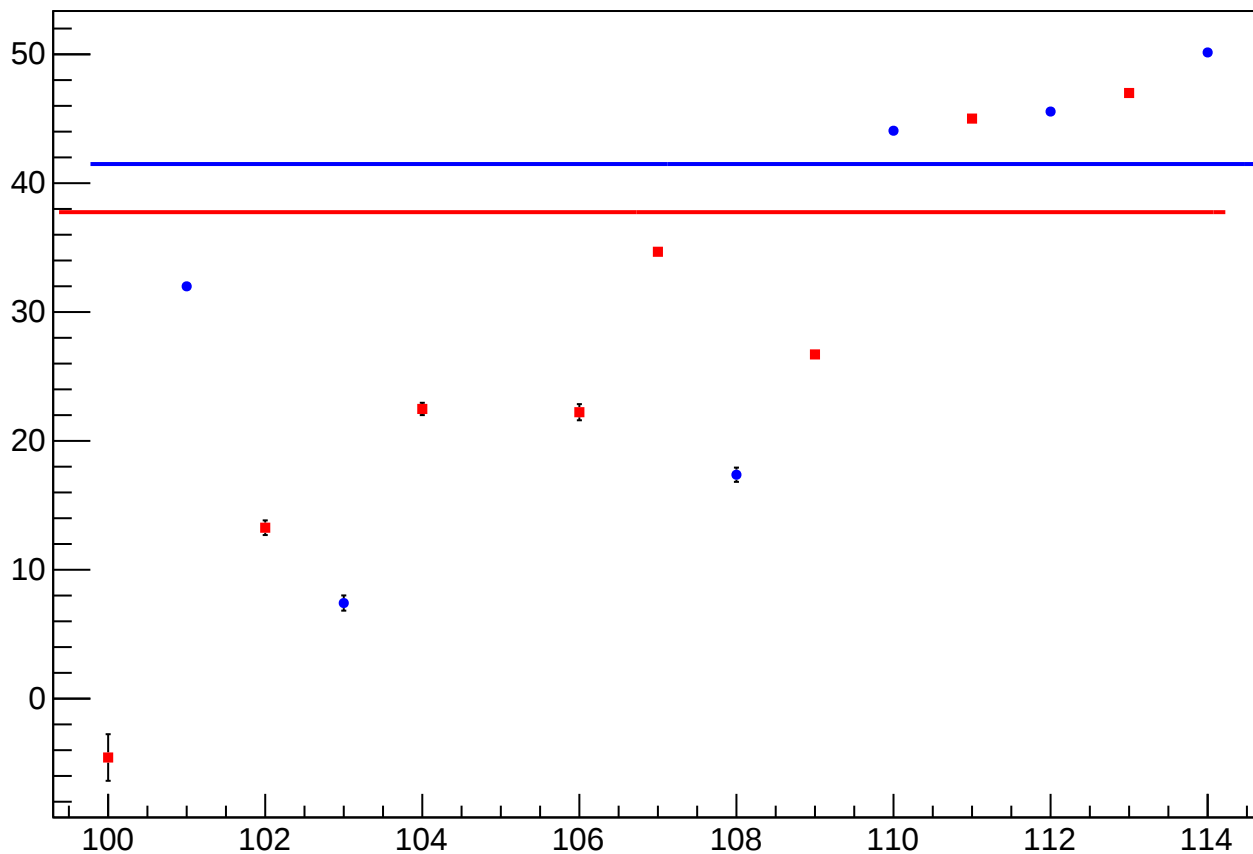
Right: -48.344 $\pm$ 0.090 χ^2 /NDF: 24989.6/13

In: -48.967 $\pm$ 0.141 χ^2 /NDF:14143.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -48.344 $\pm$ 0.090 χ^2 /NDF: 24989.6/13

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.486 $\pm$ 0.104 χ^2 /NDF: 7707.8/5

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

Right Out: 37.751 $\pm$ 0.092 χ^2 /NDF: 12690.7/7

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

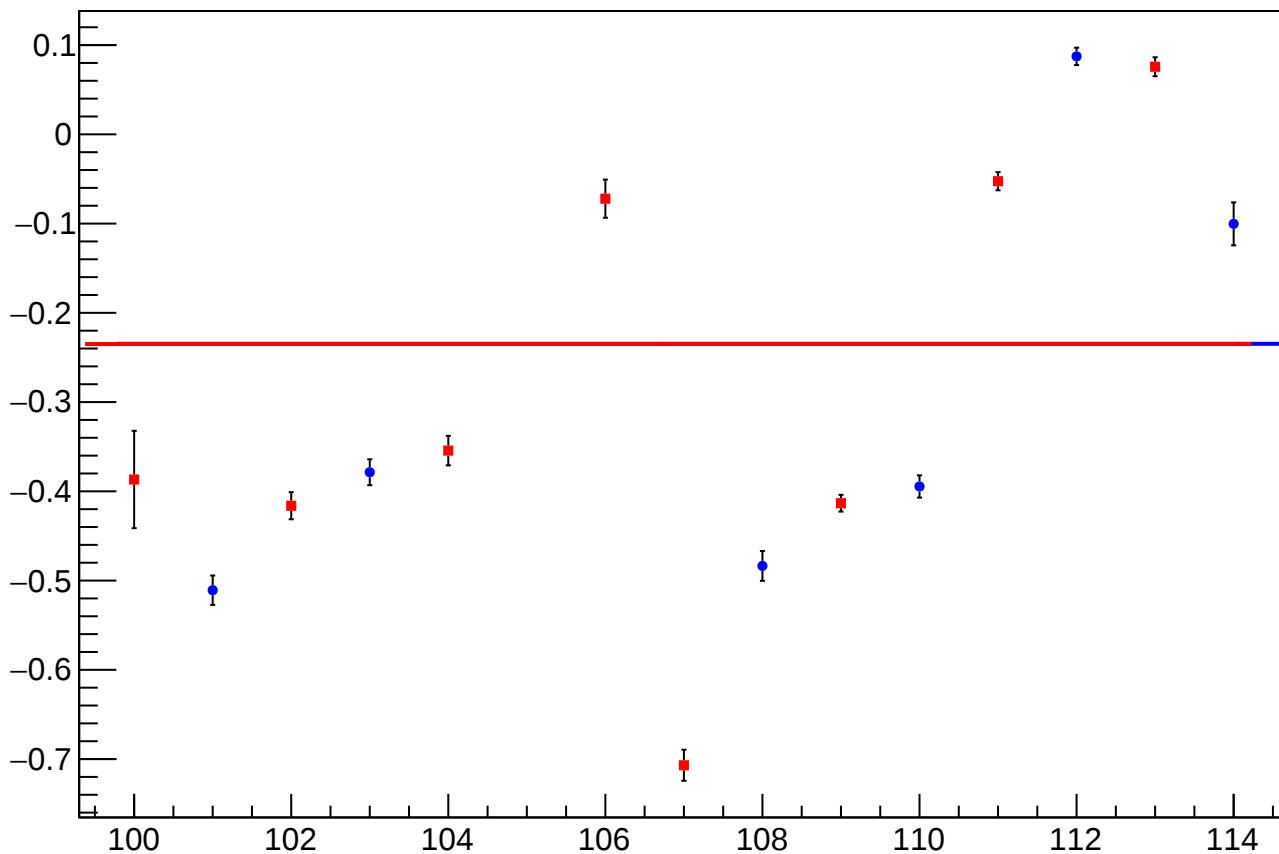
Right: 39.389 $\pm$ 0.069 χ^2 /NDF: 21122.4/13

In: 41.486 $\pm$ 0.104 χ^2 /NDF:7707.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 39.389 $\pm$ 0.069 χ^2 /NDF: 21122.4/13

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.235+/-0.006 χ^2/NDF : 1886.4/5

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

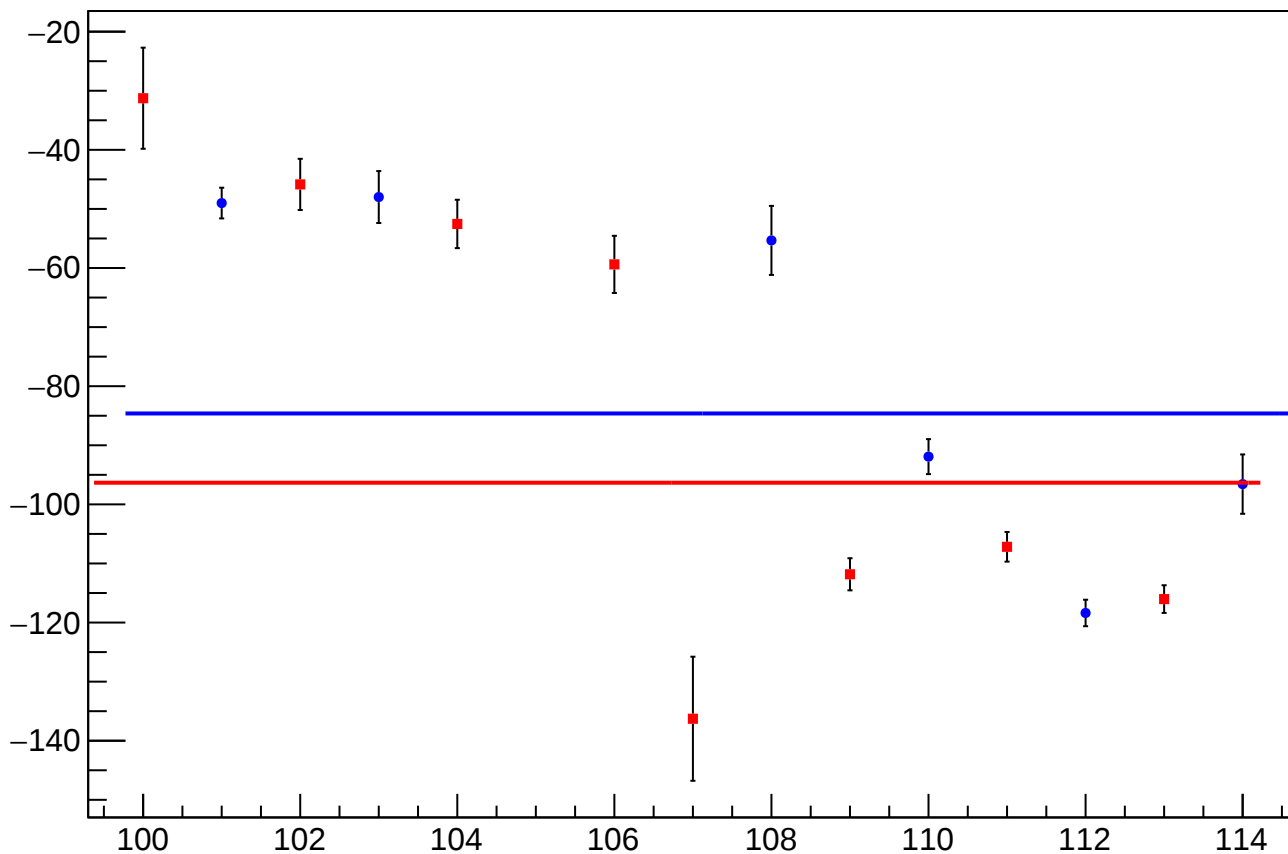
Right: -0.235+/-0.004 χ^2/NDF : 4423.0/13

In: -0.235+/-0.006 χ^2/NDF : 1886.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.235+/-0.004 χ^2/NDF : 4423.0/13

reg_asym_usl_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -84.615 $\pm$ 1.311 χ^2 /NDF: 520.9/5

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

Right Out: -96.333 $\pm$ 1.236 χ^2 /NDF: 502.9/7

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

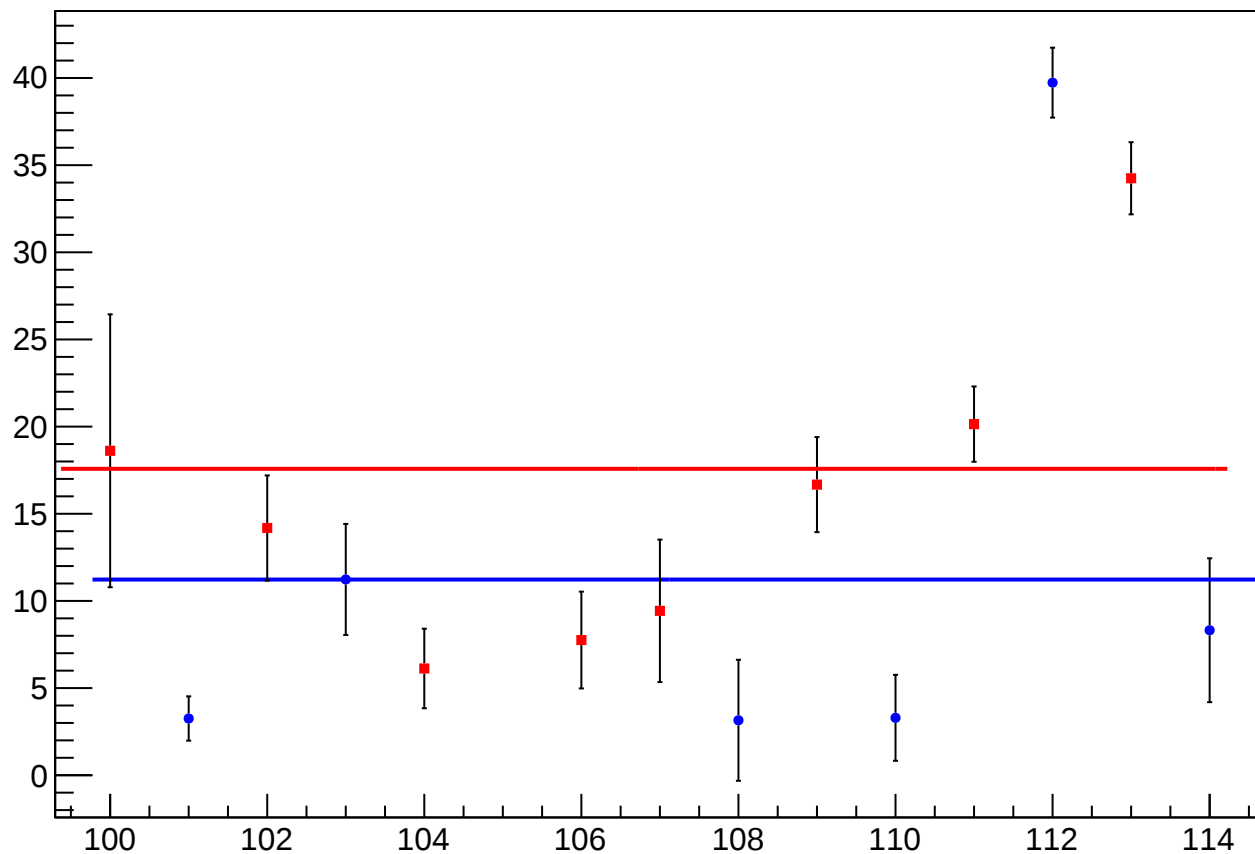
Right: -90.821 $\pm$ 0.899 χ^2 /NDF: 1066.1/13

In: -84.615 $\pm$ 1.311 χ^2 /NDF:520.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -90.821 $\pm$ 0.899 χ^2 /NDF: 1066.1/13

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.226 $\pm$ 0.887 χ^2 /NDF: 257.5/5

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

Right Out: 17.579 $\pm$ 0.958 χ^2 /NDF: 109.4/7

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

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

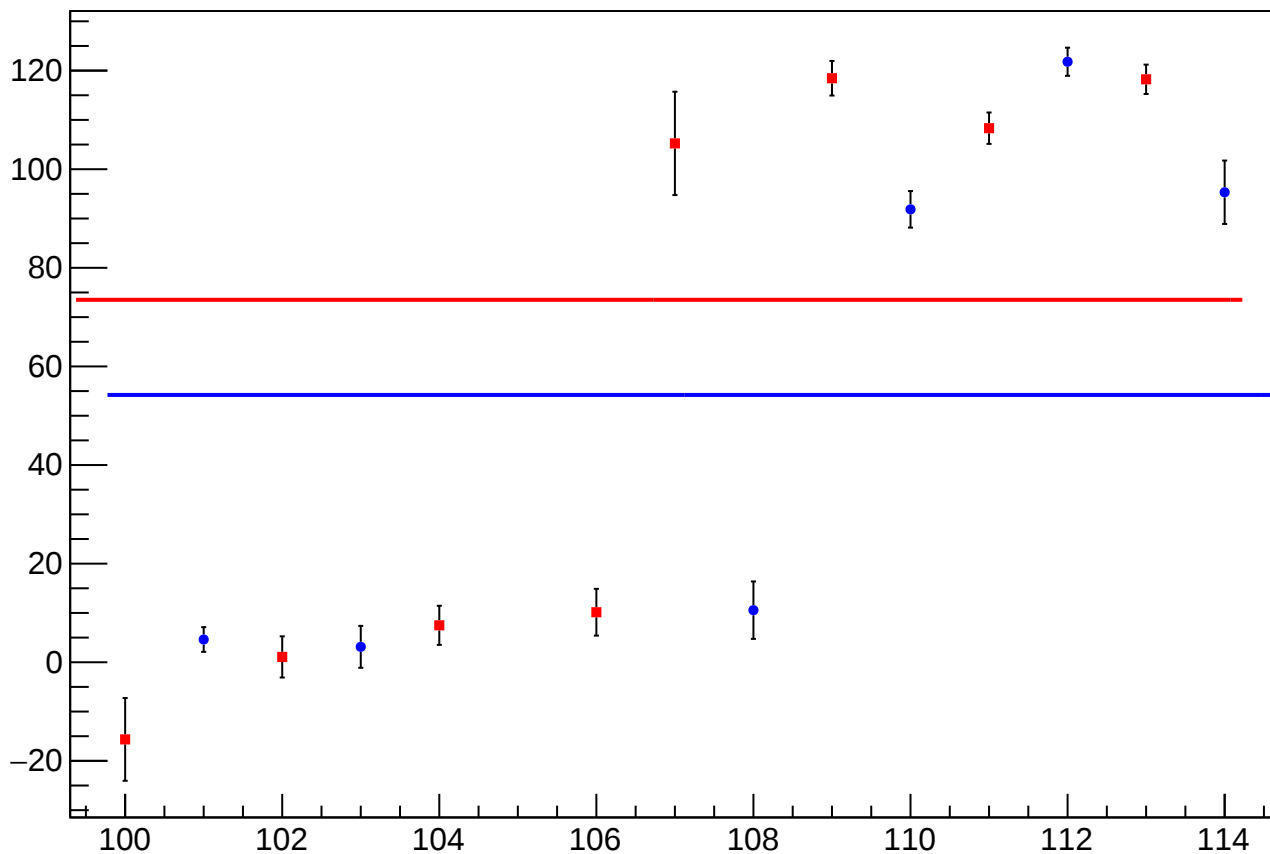
Right: 14.158 $\pm$ 0.651 χ^2 /NDF: 390.6/13

In: 11.226 $\pm$ 0.887 χ^2 /NDF: 257.5/5

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

All: 14.158 $\pm$ 0.651 χ^2 /NDF: 390.6/13

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 54.221 $\pm$ 1.468 χ^2 /NDF: 1297.4/5

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

Right Out: 73.514 $\pm$ 1.441 χ^2 /NDF: 1387.6/7

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

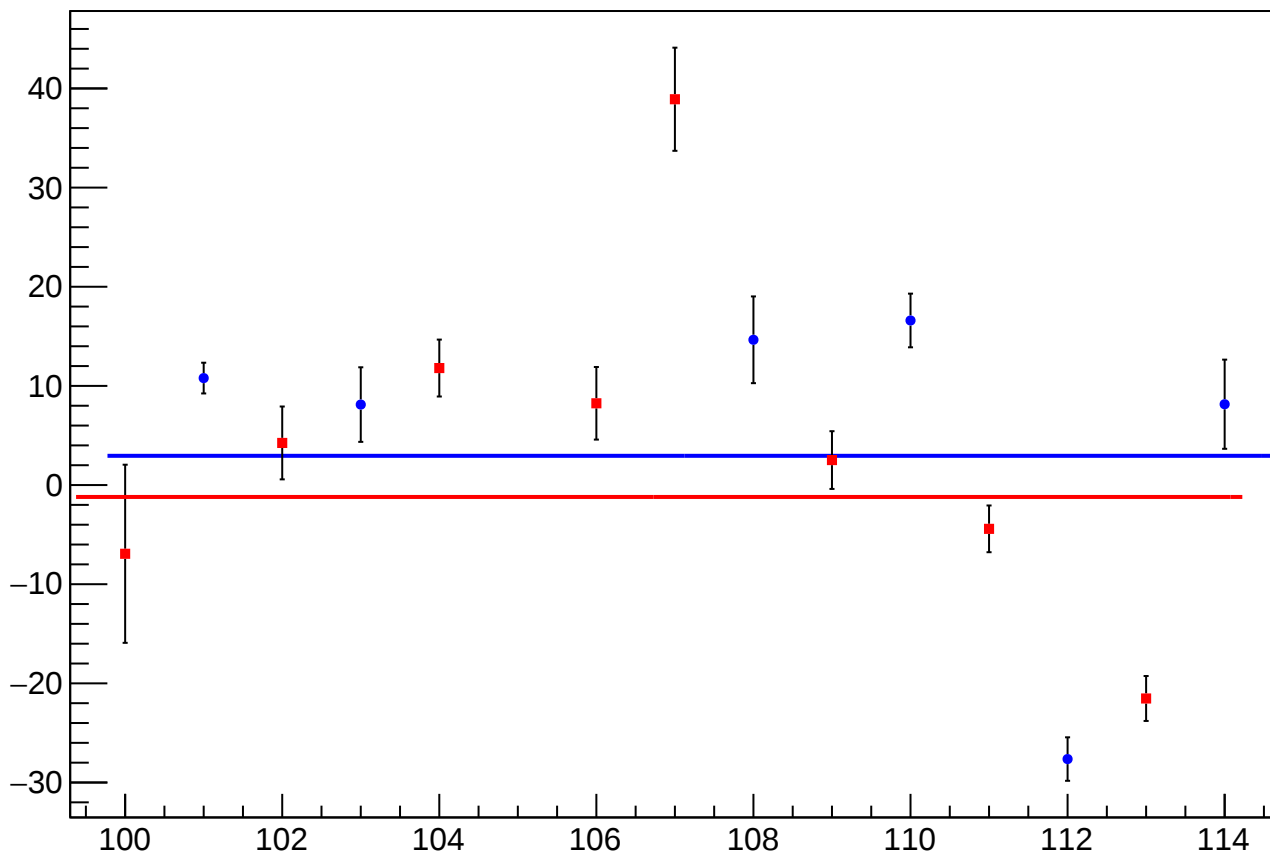
Right: 64.047 $\pm$ 1.028 χ^2 /NDF: 2773.0/13

In: 54.221 $\pm$ 1.468 χ^2 /NDF:1297.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 64.047 $\pm$ 1.028 χ^2 /NDF: 2773.0/13

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.949+/-1.035 χ^2/NDF : 255.9/5

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

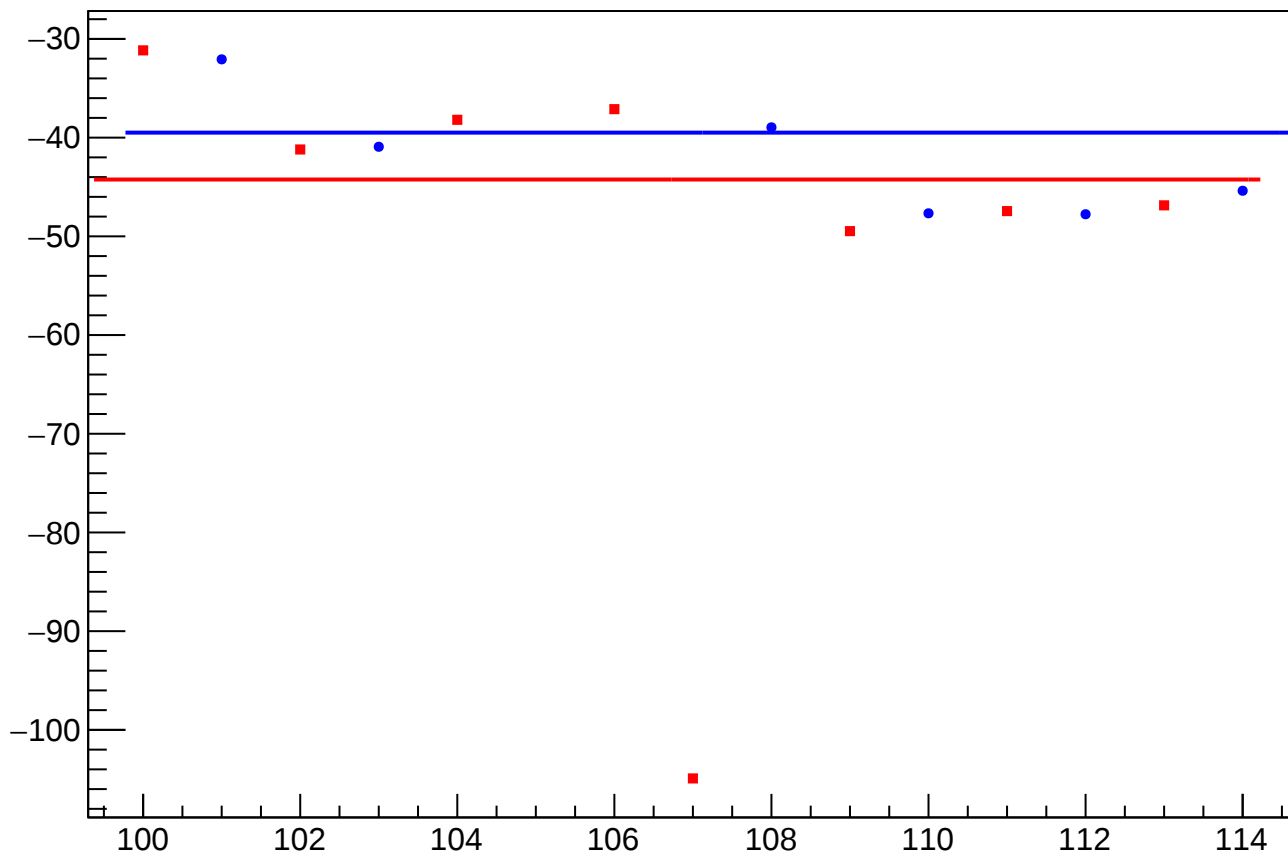
Right: 1.018+/-0.757 χ^2/NDF : 436.6/13

In: 2.949+/-1.035 χ^2/NDF : 255.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.018+/-0.757 χ^2/NDF : 436.6/13

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.493 ± 0.051 $\chi^2/\text{NDF}: 13354.8/5$

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

Right Out: -44.244 ± 0.048 $\chi^2/\text{NDF}: 75640.1/7$

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

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

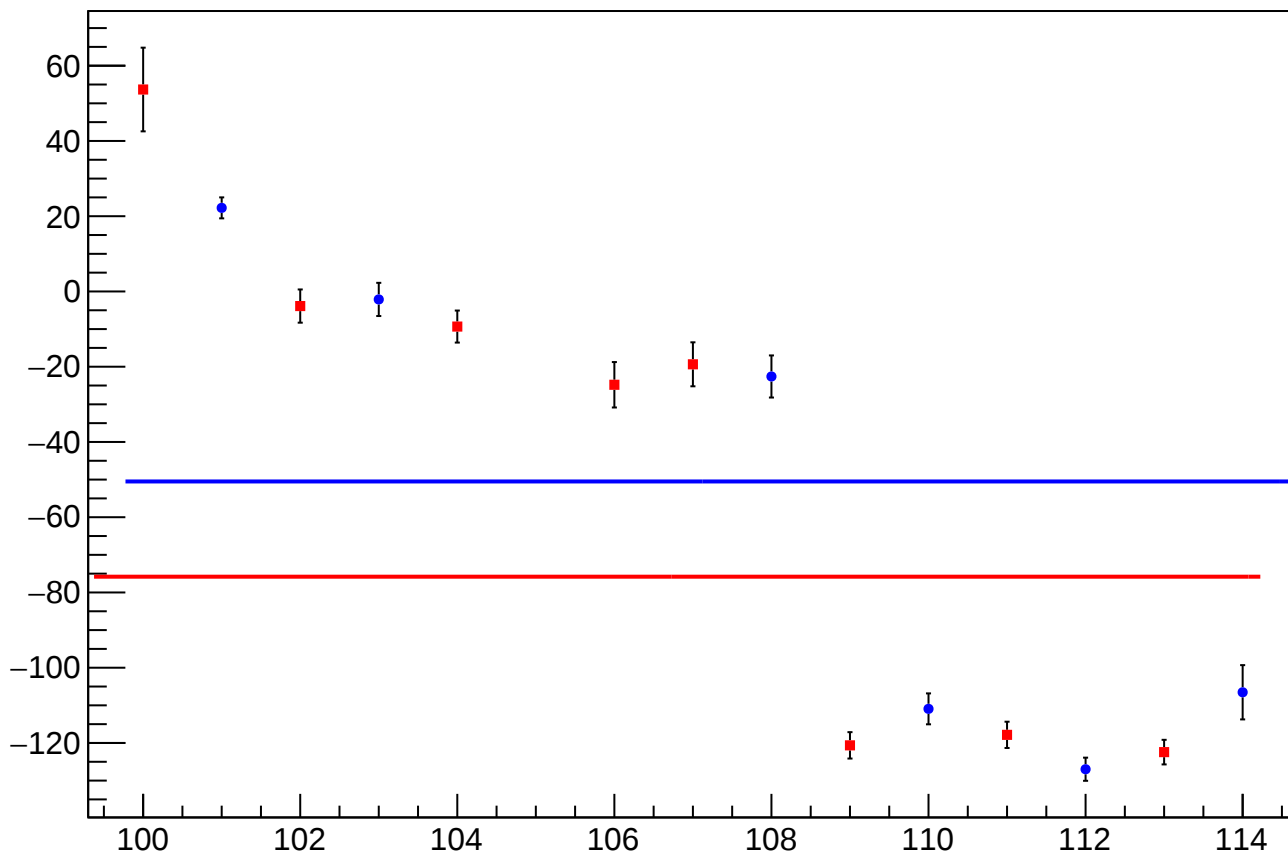
Right: -42.016 ± 0.035 $\chi^2/\text{NDF}: 93656.4/13$

In: -39.493 ± 0.051 $\chi^2/\text{NDF}: 13354.8/5$

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

All: -42.016 ± 0.035 $\chi^2/\text{NDF}: 93656.4/13$

reg_asym_usr_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -50.498+/-1.589 χ^2/NDF : 1720.6/5

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

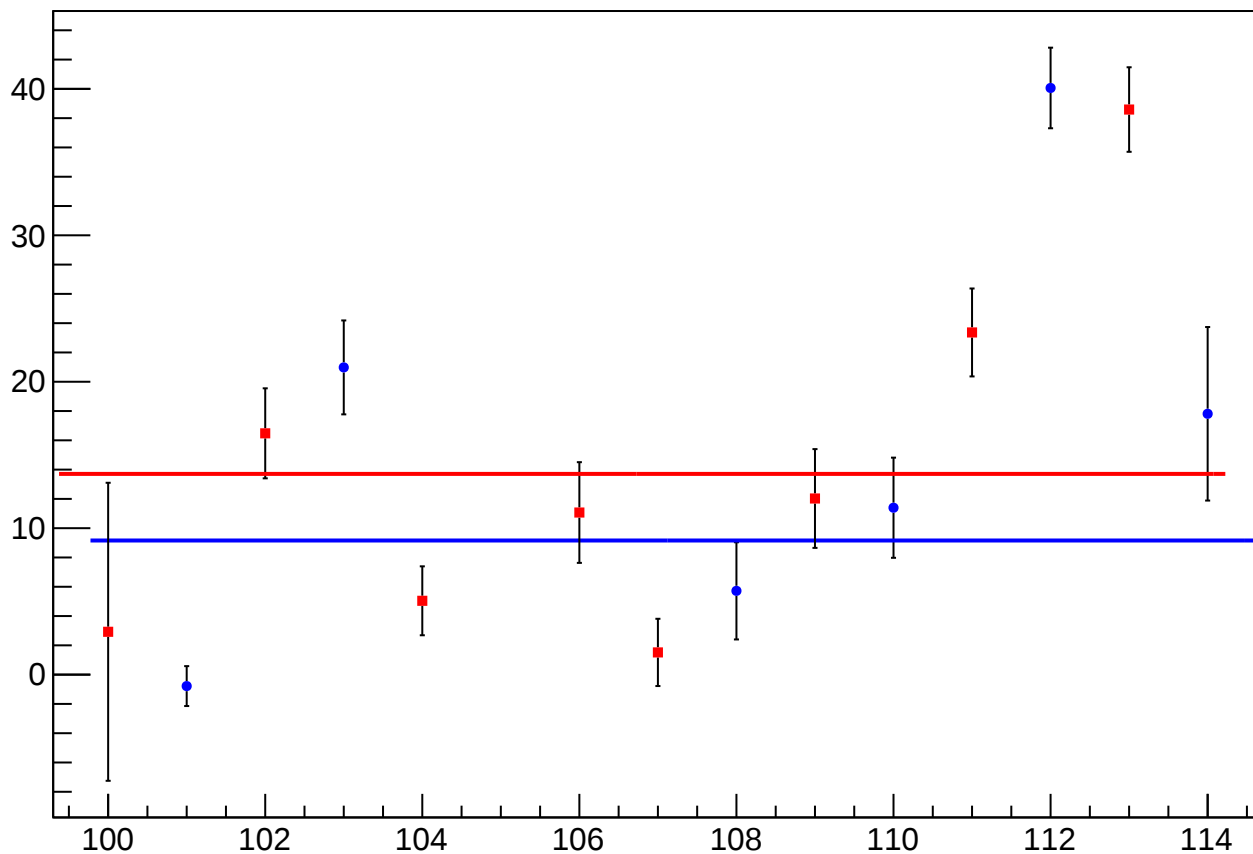
Right: -63.644+/-1.101 χ^2/NDF : 3173.7/13

In: -50.498+/-1.589 χ^2/NDF : 1720.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.644+/-1.101 χ^2/NDF : 3173.7/13

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.159+/-1.014 χ^2/NDF : 196.6/5

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

Right Out: 13.707+/-1.060 χ^2/NDF : 129.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

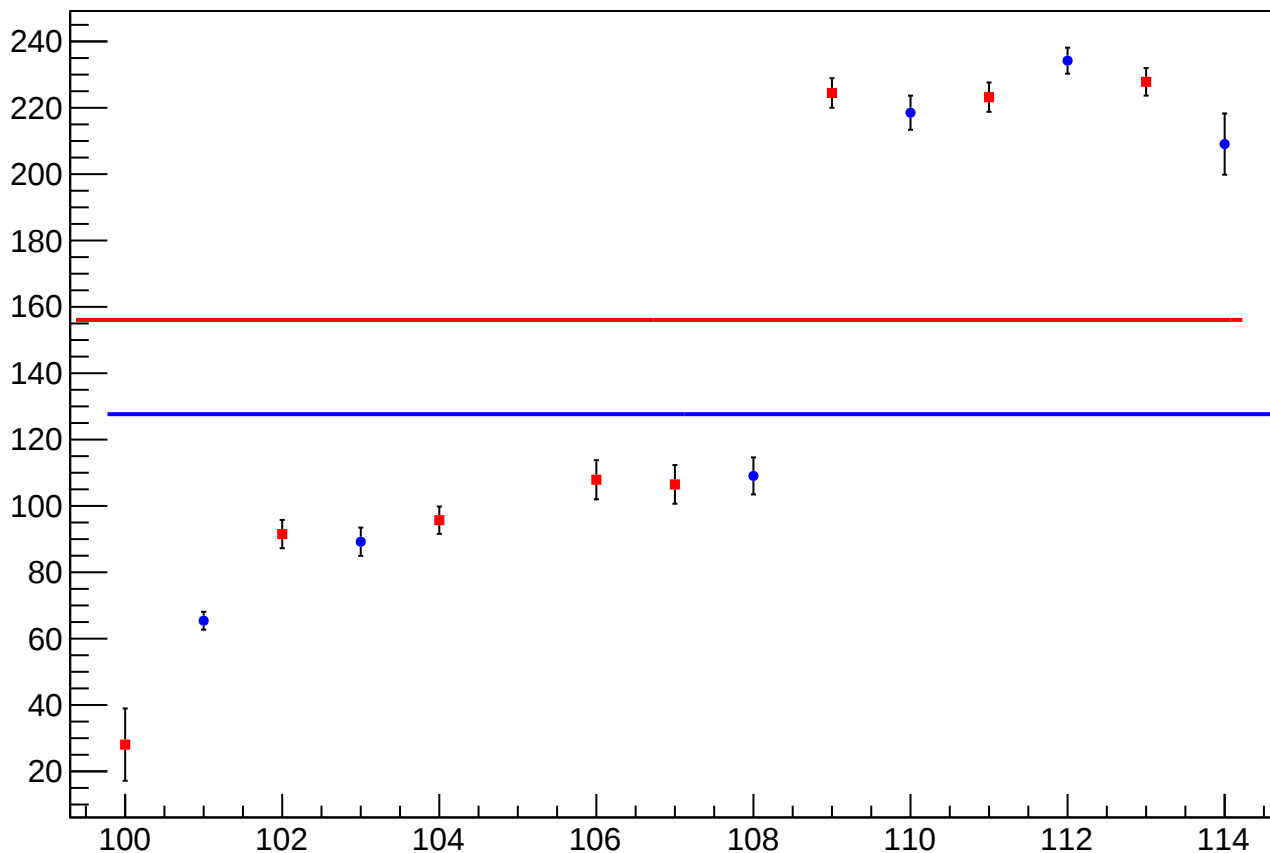
Right: 11.331+/-0.733 χ^2/NDF : 335.4/13

In: 9.159+/-1.014 χ^2/NDF : 196.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.331+/-0.733 χ^2/NDF : 335.4/13

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 127.653+/-1.714 χ^2/NDF : 1760.4/5

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

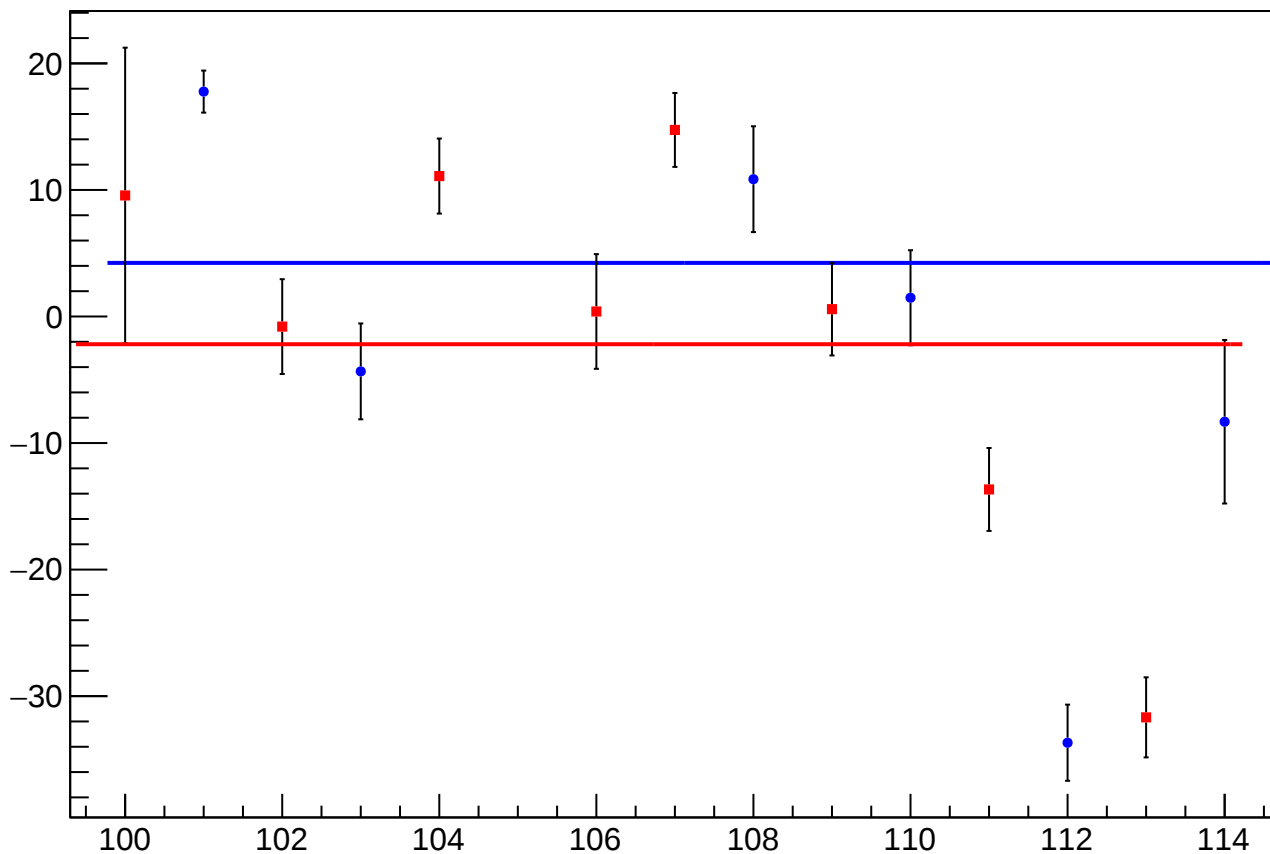
Right: 141.844+/-1.212 χ^2/NDF : 3381.9/13

In: 127.653+/-1.714 χ^2/NDF :1760.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 141.844+/-1.212 χ^2/NDF : 3381.9/13

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.235+/-1.200 χ^2/NDF : 237.1/5

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

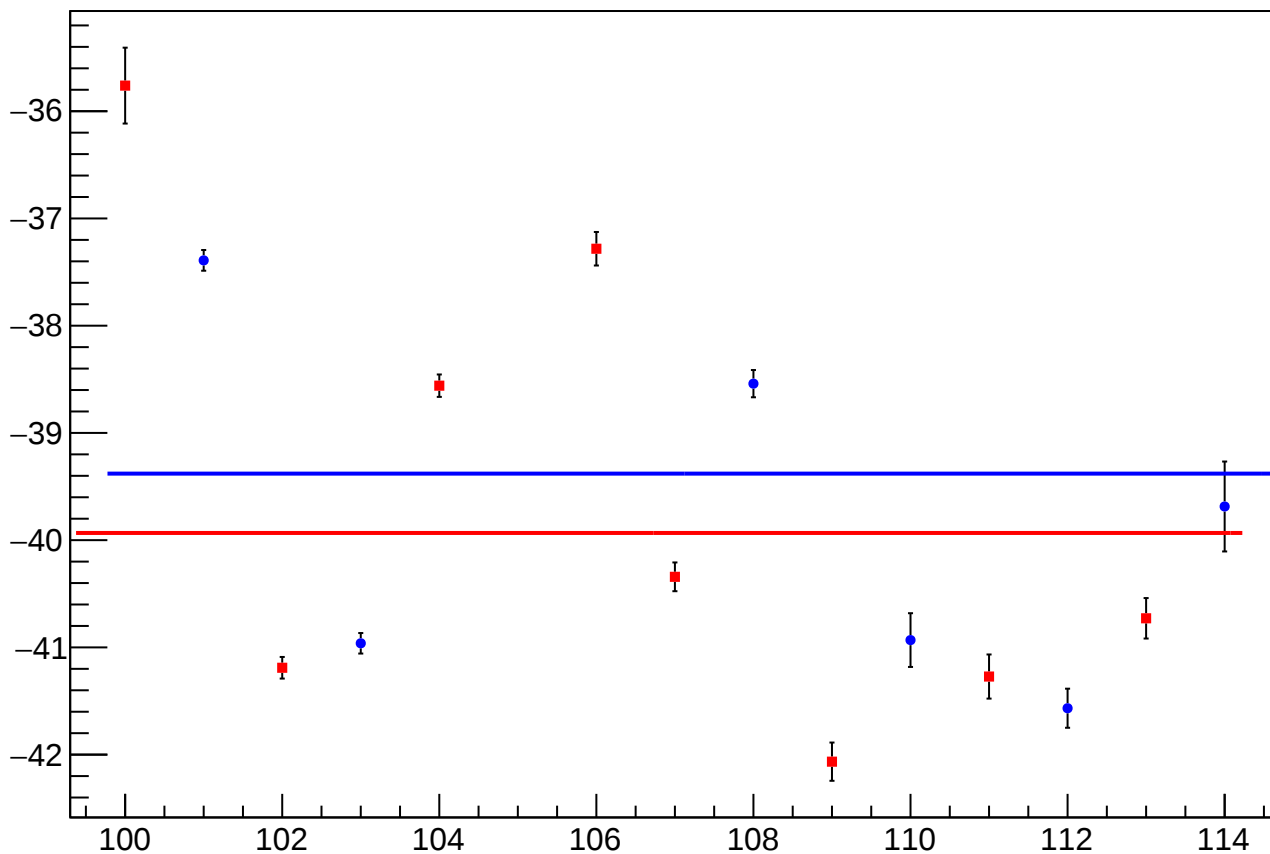
Right: 1.188+/-0.870 χ^2/NDF : 405.6/13

In: 4.235+/-1.200 χ^2/NDF : 237.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.188+/-0.870 χ^2/NDF : 405.6/13

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.380 ± 0.055 $\chi^2/\text{NDF}: 924.3/5$

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

Right Out: -39.933 ± 0.051 $\chi^2/\text{NDF}: 967.2/7$

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

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

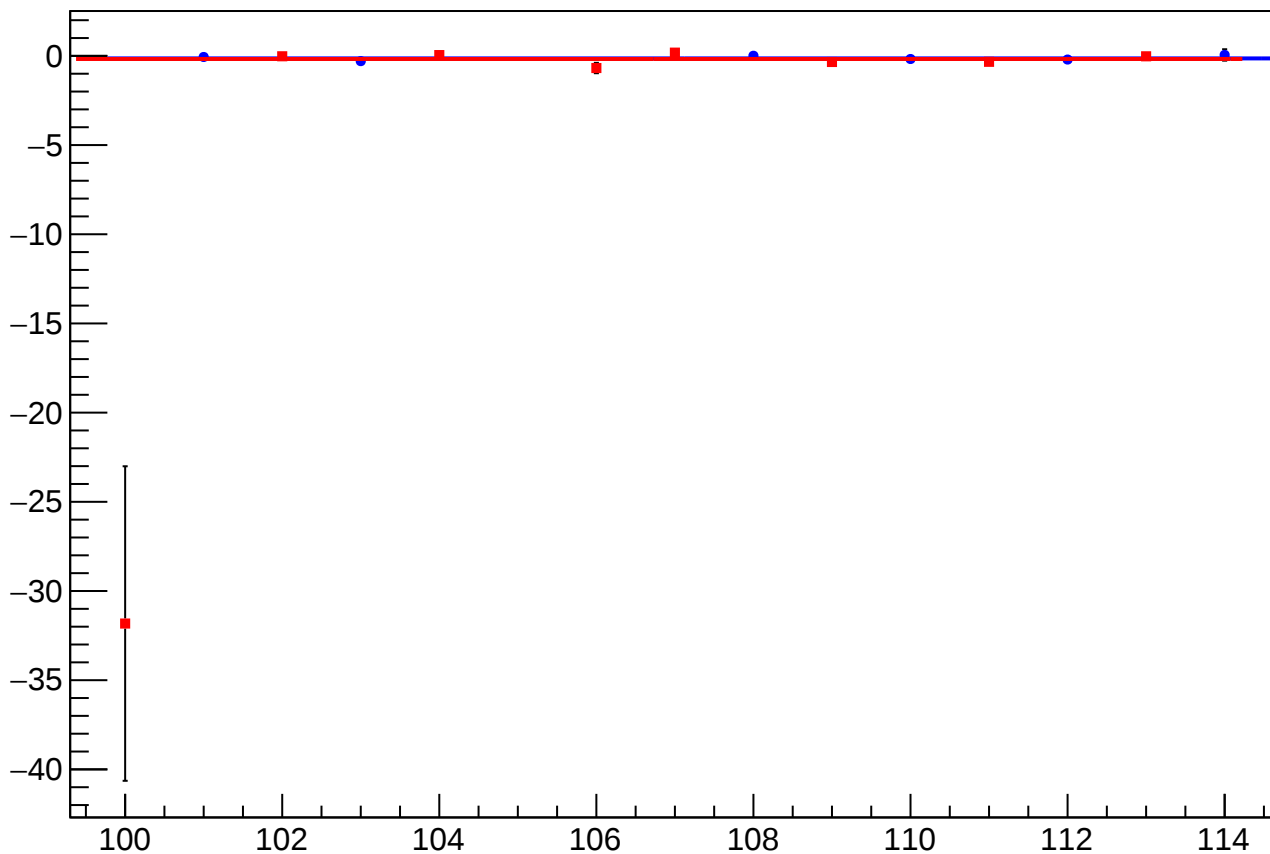
Right: -39.675 ± 0.038 $\chi^2/\text{NDF}: 1945.5/13$

In: -39.380 ± 0.055 $\chi^2/\text{NDF}: 924.3/5$

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

All: -39.675 ± 0.038 $\chi^2/\text{NDF}: 1945.5/13$

reg_asym_dsl_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.142 ± 0.074 χ^2/NDF : 1.9/5

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

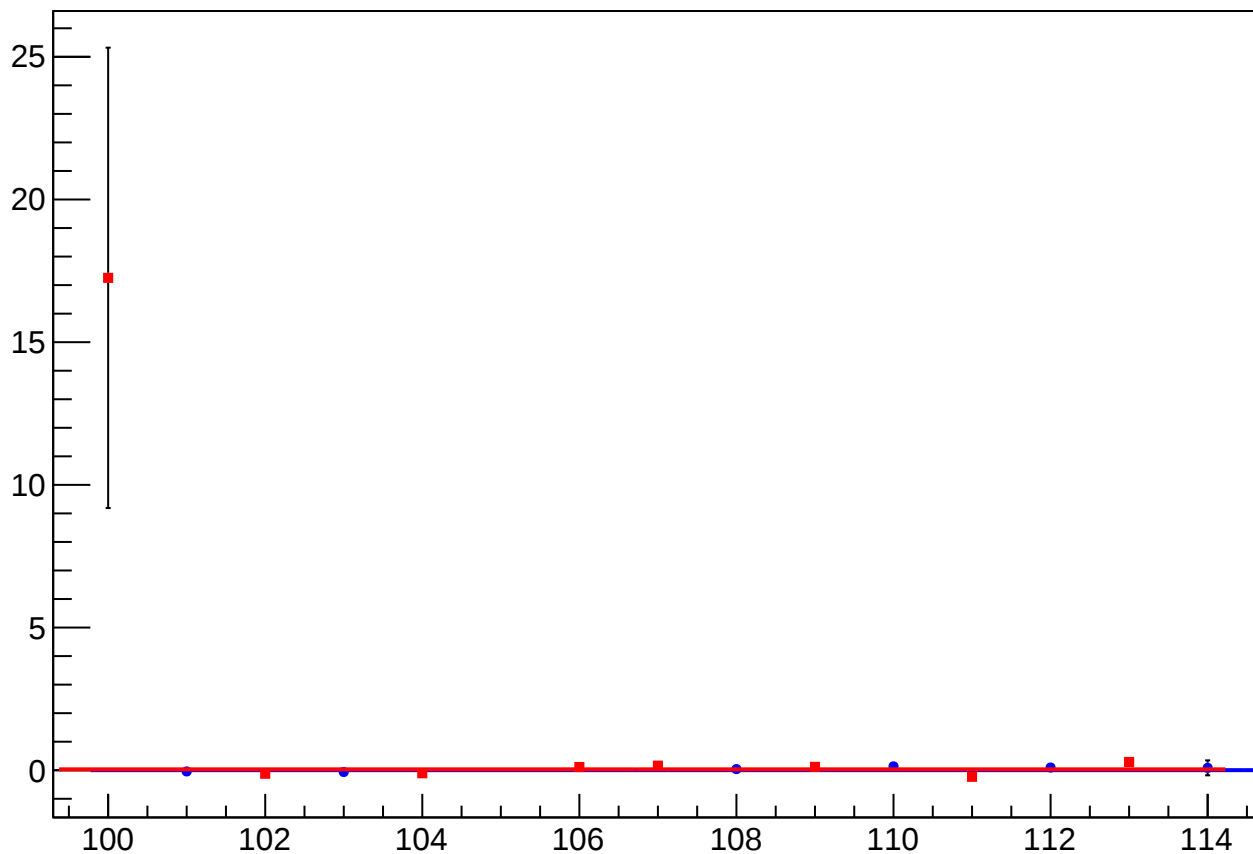
Right: -0.159 ± 0.051 χ^2/NDF : 24.6/13

In: -0.142 ± 0.074 χ^2/NDF : 1.9/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.159 ± 0.051 χ^2/NDF : 24.6/13

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.003+/-0.048 χ^2/NDF : 2.1/5

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

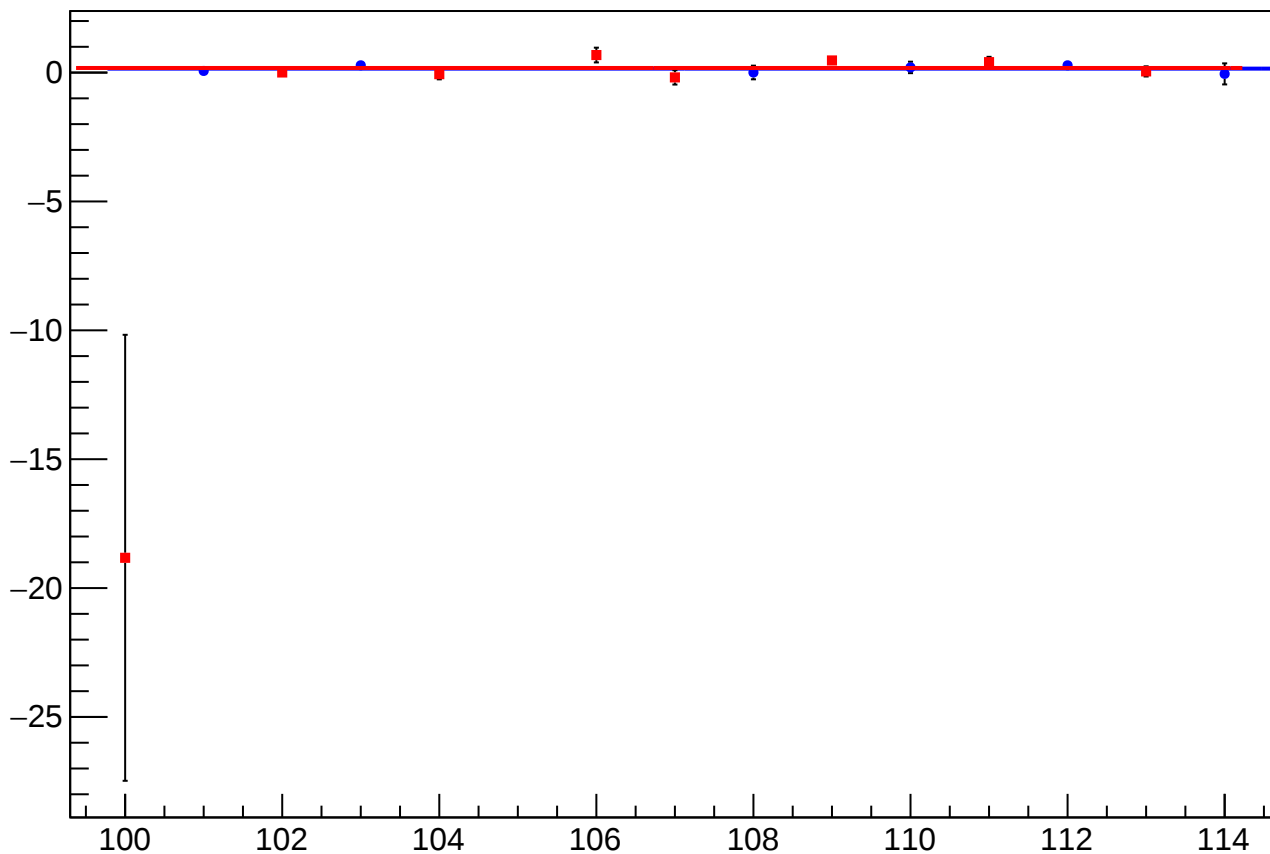
Right: 0.017+/-0.034 χ^2/NDF : 18.6/13

In: 0.003+/-0.048 χ^2/NDF : 2.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.034 χ^2/NDF : 18.6/13

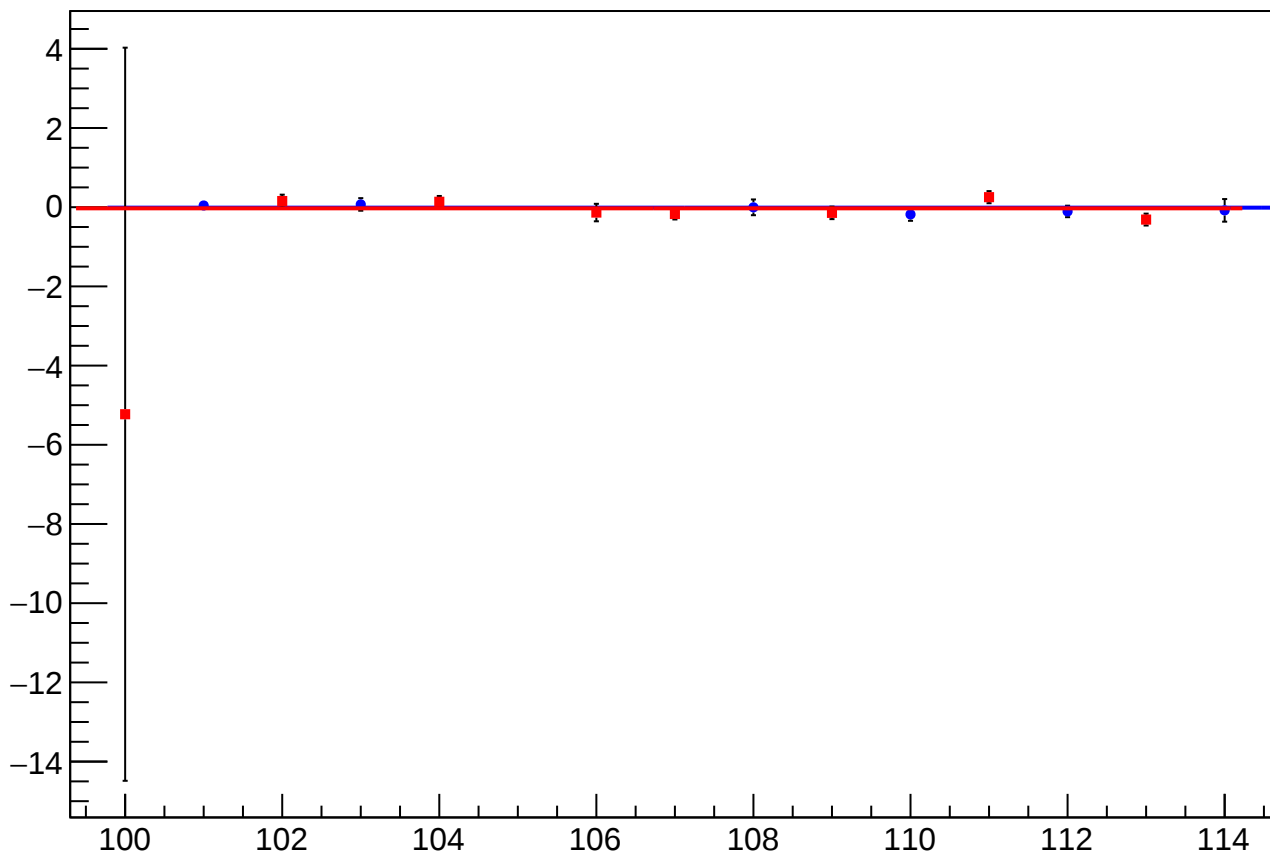
reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.153+/-0.079 χ^2/NDF : 2.1/5
 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: 0.166+/-0.056 χ^2/NDF : 18.2/13
 In: 0.153+/-0.079 χ^2/NDF : 2.1/5
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.166+/-0.056 χ^2/NDF : 18.2/13

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.012+/-0.056 χ^2 /NDF: 2.3/5

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

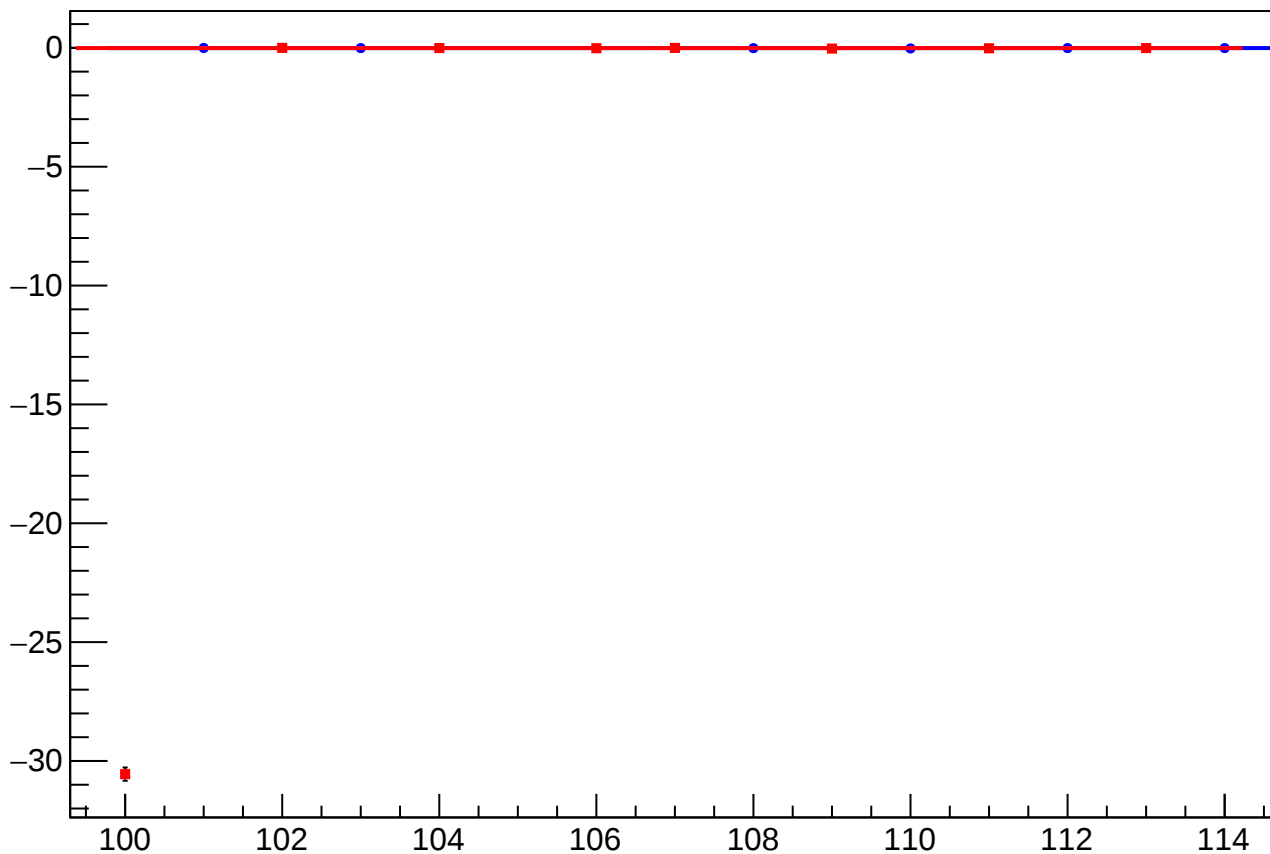
Right: -0.020+/-0.041 χ^2 /NDF: 14.1/13

In: -0.012+/-0.056 χ^2 /NDF:2.3/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.020+/-0.041 χ^2 /NDF: 14.1/13

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.010+/-0.002 χ^2/NDF : 3.5/5

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

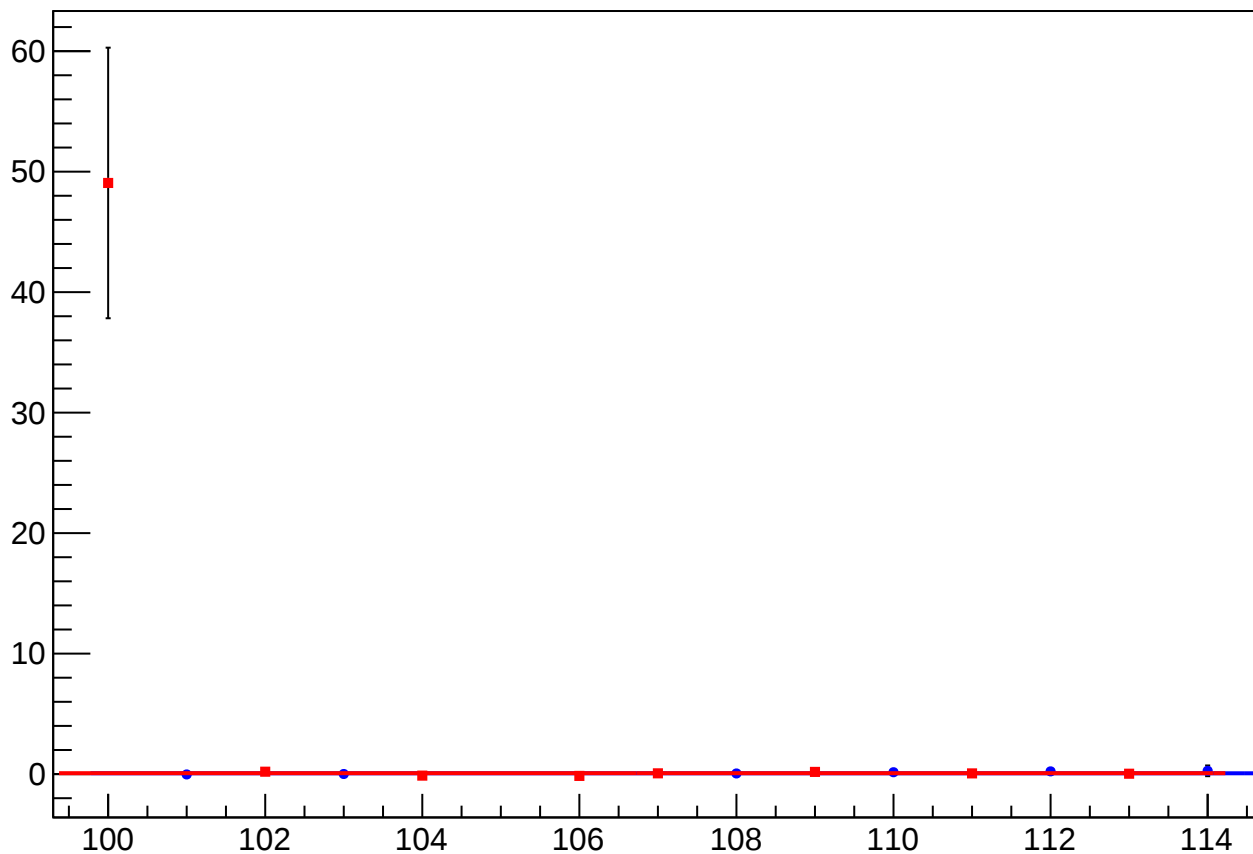
Right: -0.010+/-0.002 χ^2/NDF : 11885.0/13

In: -0.010+/-0.002 χ^2/NDF :3.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.010+/-0.002 χ^2/NDF : 11885.0/13

reg_asym_dsr_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.089 χ^2 /NDF: 1.5/5

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

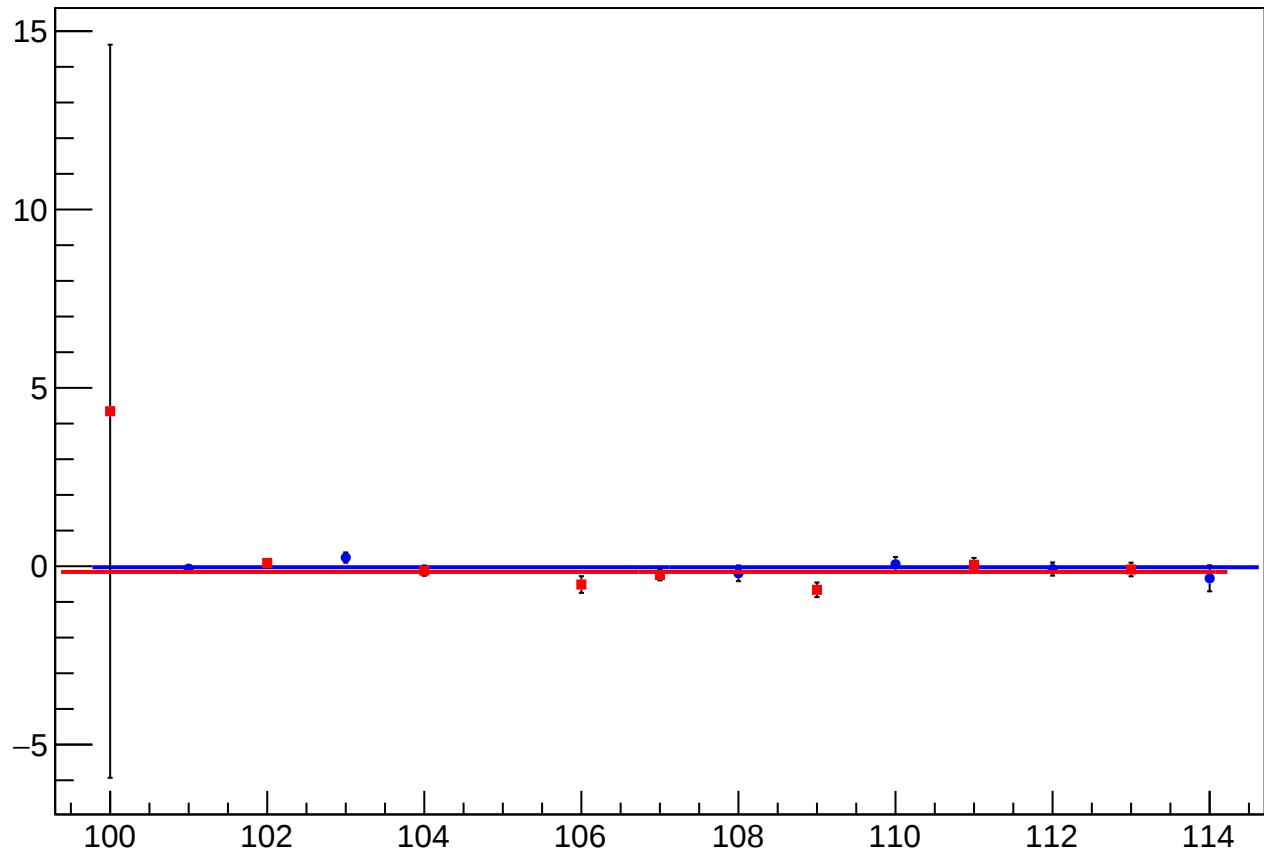
Right: 0.072 $\pm$ 0.064 χ^2 /NDF: 22.2/13

In: 0.068 $\pm$ 0.089 χ^2 /NDF:1.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.072 $\pm$ 0.064 χ^2 /NDF: 22.2/13

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.027 ± 0.055 χ^2/NDF : 5.4/5

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

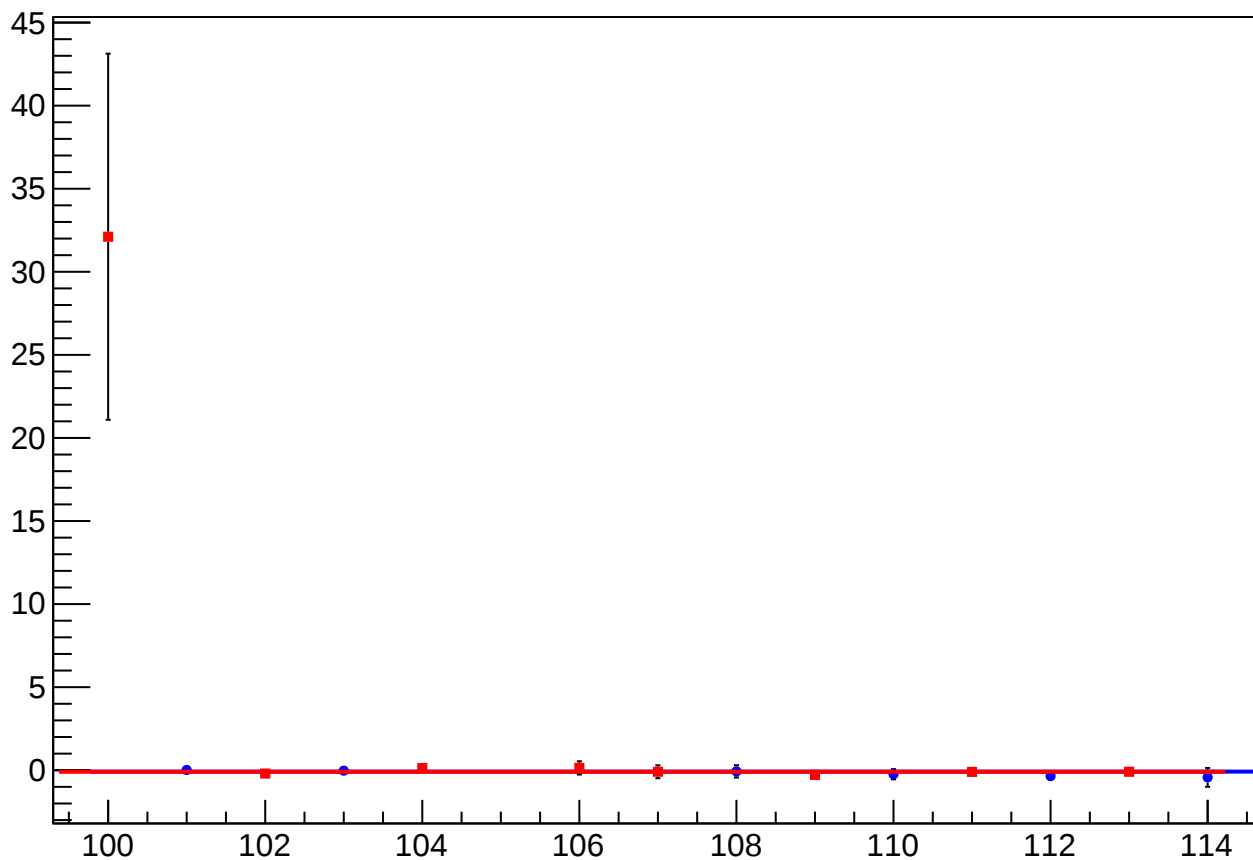
Right: -0.083 ± 0.042 χ^2/NDF : 21.1/13

In: -0.027 ± 0.055 χ^2/NDF : 5.4/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.083 ± 0.042 χ^2/NDF : 21.1/13

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.082 ± 0.093 χ^2/NDF : 2.3/5

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

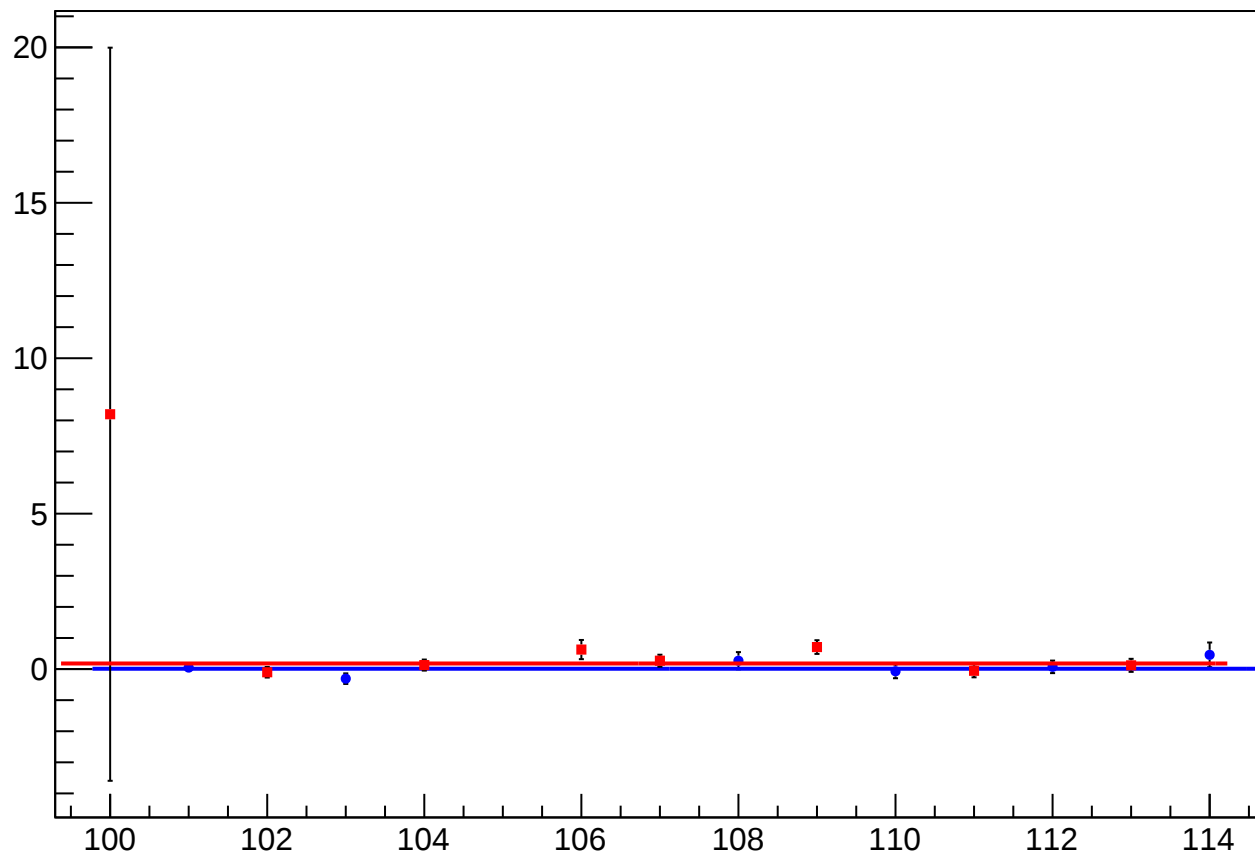
Right: -0.087 ± 0.069 χ^2/NDF : 12.8/13

In: -0.082 ± 0.093 χ^2/NDF : 2.3/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.087 ± 0.069 χ^2/NDF : 12.8/13

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.010+/-0.066 χ^2/NDF : 6.1/5

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

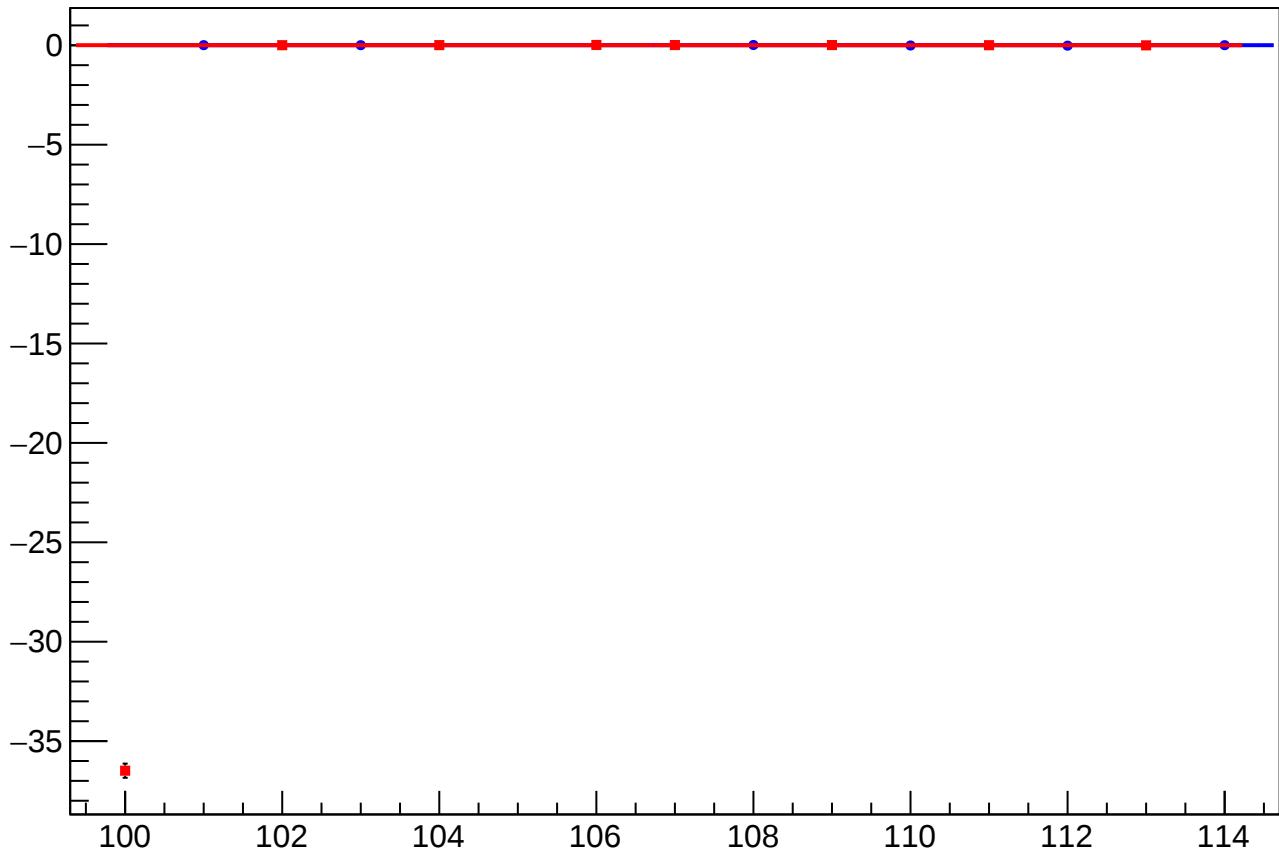
Right: 0.082+/-0.050 χ^2/NDF : 21.6/13

In: 0.010+/-0.066 χ^2/NDF : 6.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.082+/-0.050 χ^2/NDF : 21.6/13

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.005+/-0.003 χ^2/NDF : 6.4/5

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

Right Out: 0.005+/-0.003 χ^2/NDF : 10433.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

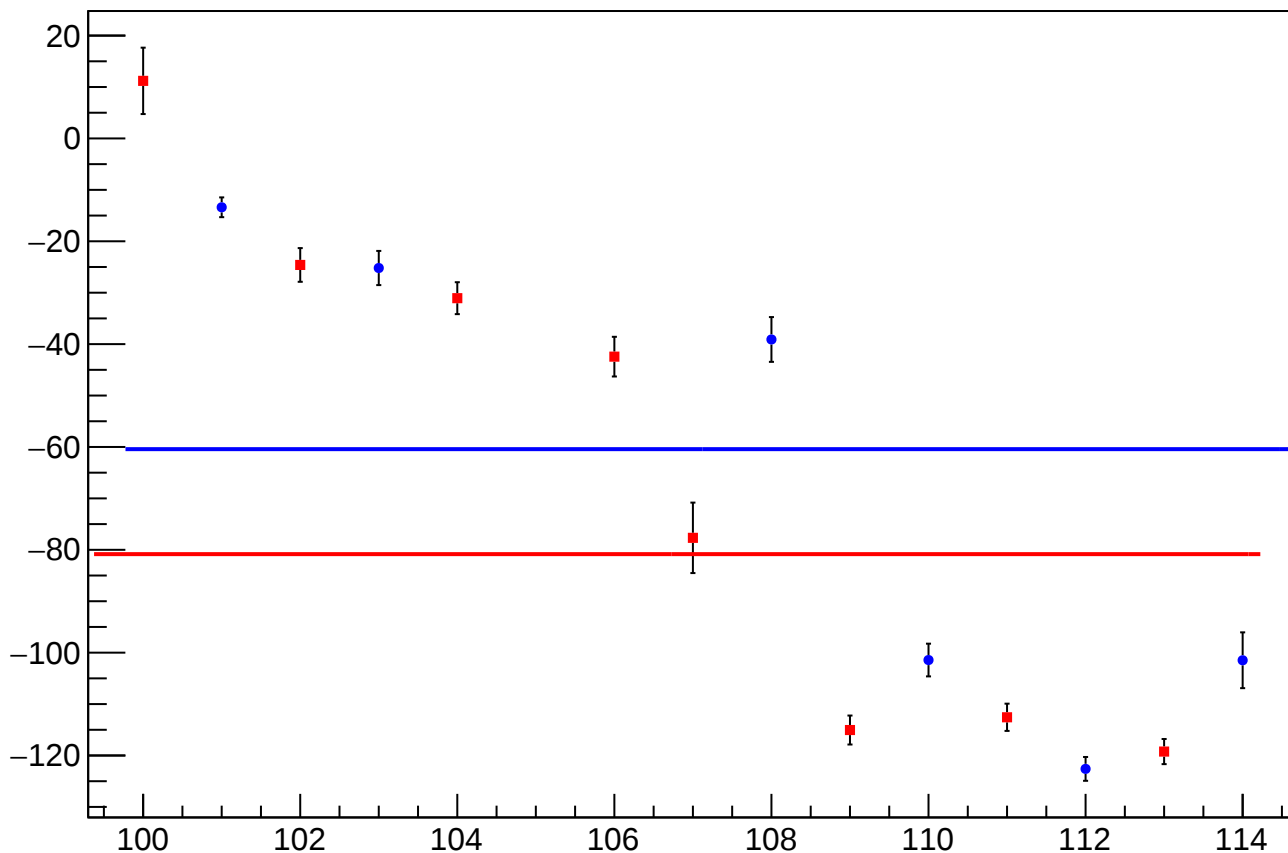
Right: 0.005+/-0.002 χ^2/NDF : 10439.5/13

In: 0.005+/-0.003 χ^2/NDF : 6.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.002 χ^2/NDF : 10439.5/13

reg_asym_us_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -60.425+/-1.168 χ^2/NDF : 1679.1/5

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

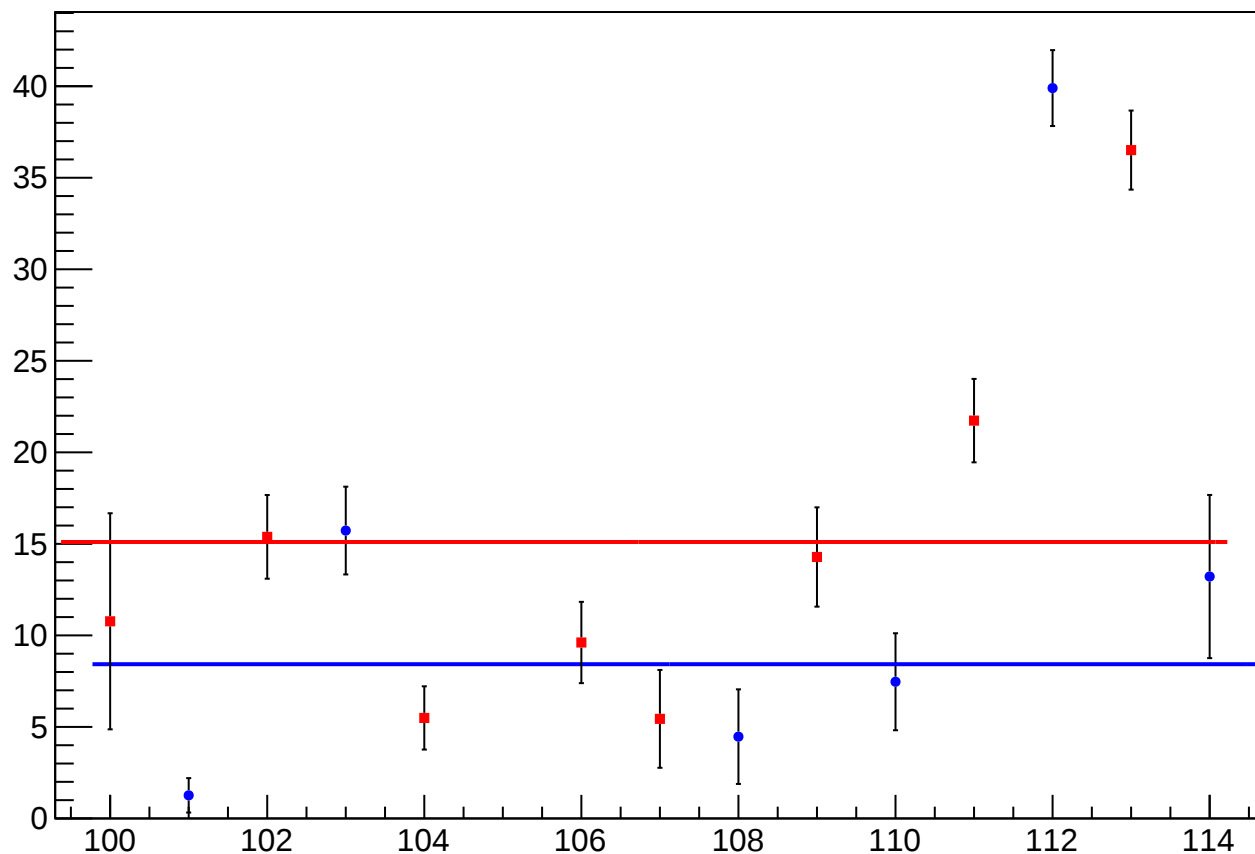
Right: -70.717+/-0.822 χ^2/NDF : 3224.9/13

In: -60.425+/-1.168 χ^2/NDF : 1679.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.717+/-0.822 χ^2/NDF : 3224.9/13

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.426+/-0.729 χ^2/NDF : 301.4/5

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

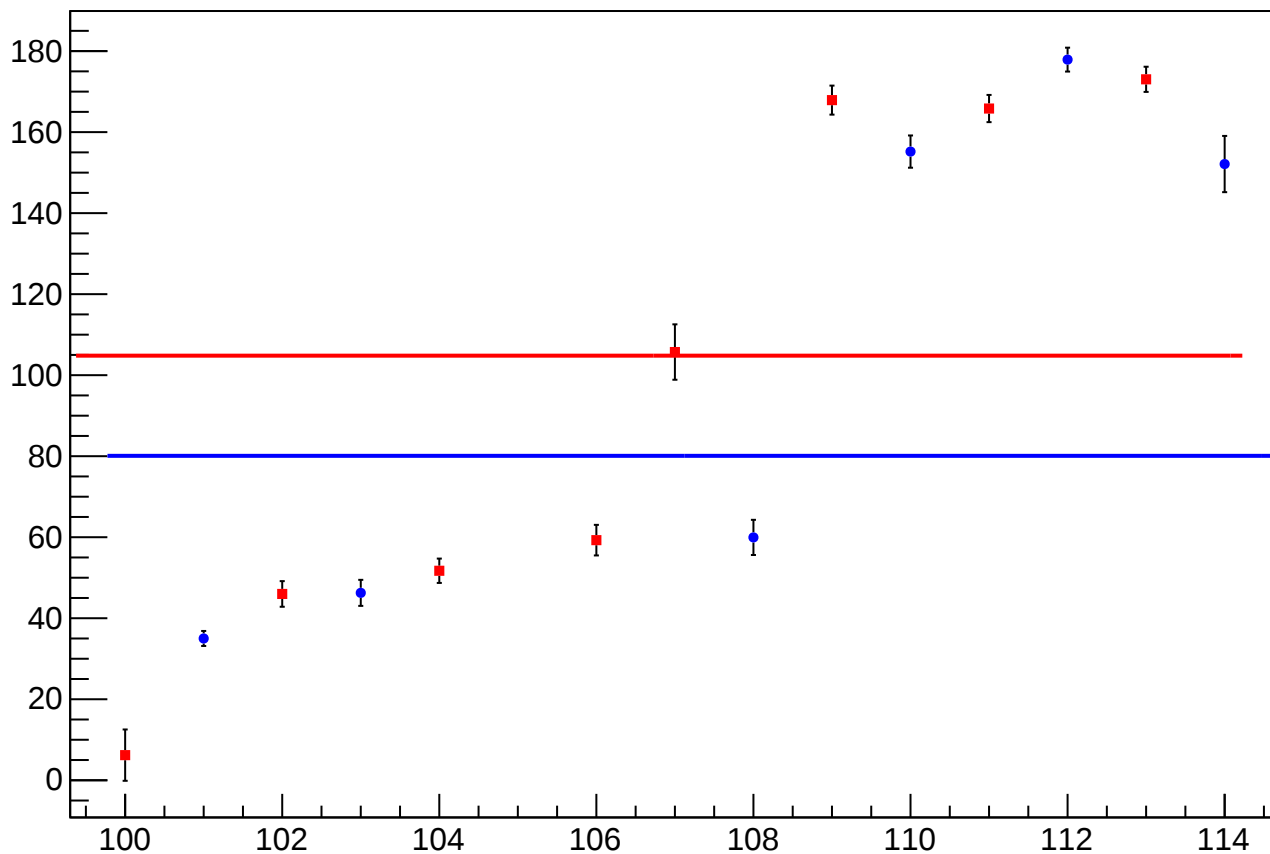
Right: 11.322+/-0.549 χ^2/NDF : 495.3/13

In: 8.426+/-0.729 χ^2/NDF : 301.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.322+/-0.549 χ^2/NDF : 495.3/13

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 80.091+/-1.250 χ^2/NDF : 2288.3/5

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

Right Out: 104.818+/-1.294 χ^2/NDF : 2168.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

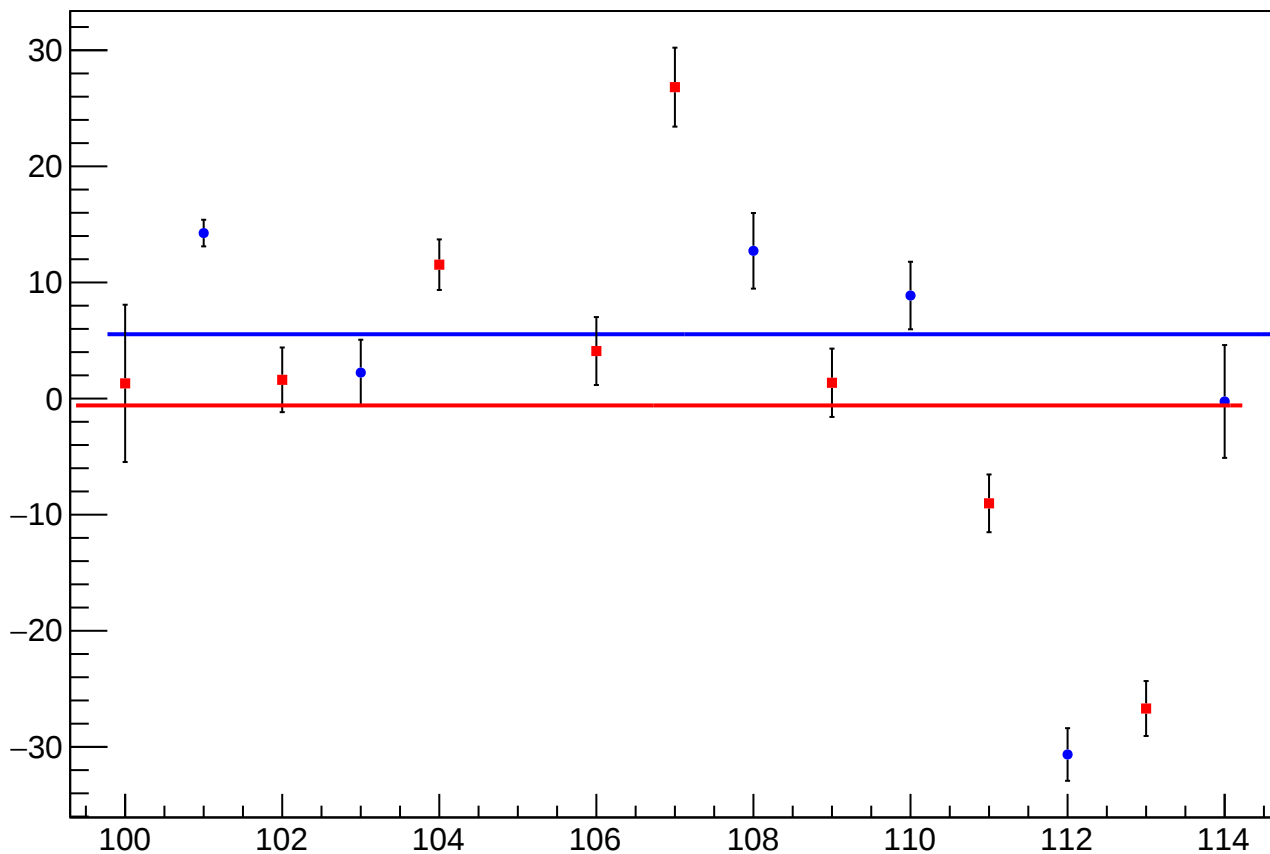
Right: 92.026+/-0.899 χ^2/NDF : 4645.2/13

In: 80.091+/-1.250 χ^2/NDF : 2288.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.026+/-0.899 χ^2/NDF : 4645.2/13

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.541+/-0.865 χ^2/NDF : 321.8/5

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

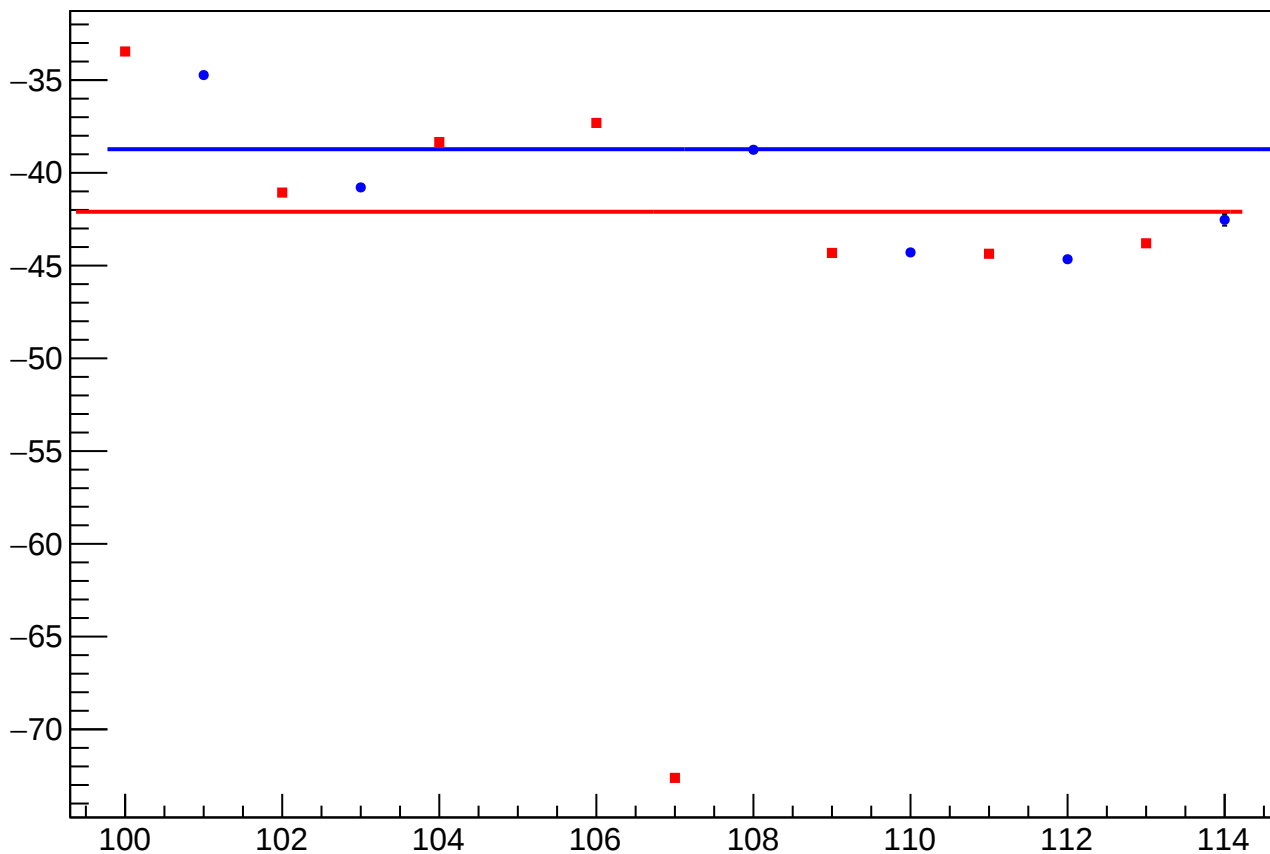
Right: 2.884+/-0.651 χ^2/NDF : 576.4/13

In: 5.541+/-0.865 χ^2/NDF : 321.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.884+/-0.651 χ^2/NDF : 576.4/13

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.727 $\pm$ 0.041 χ^2 /NDF: 7245.8/5

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

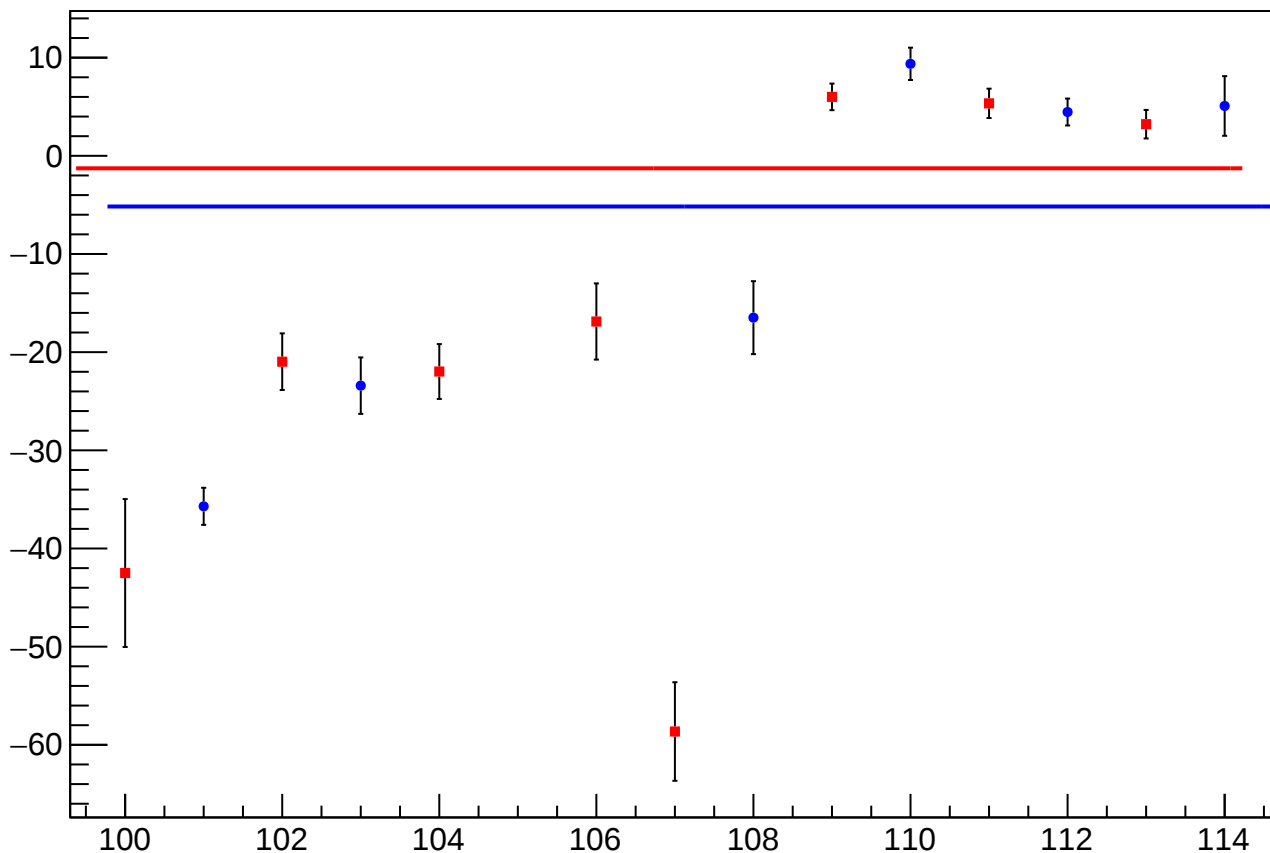
Right: -40.474 $\pm$ 0.028 χ^2 /NDF: 55793.7/13

In: -38.727 $\pm$ 0.041 χ^2 /NDF:7245.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -40.474 $\pm$ 0.028 χ^2 /NDF: 55793.7/13

reg_asym_us_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -5.163+/-0.821 χ^2/NDF : 449.8/5

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

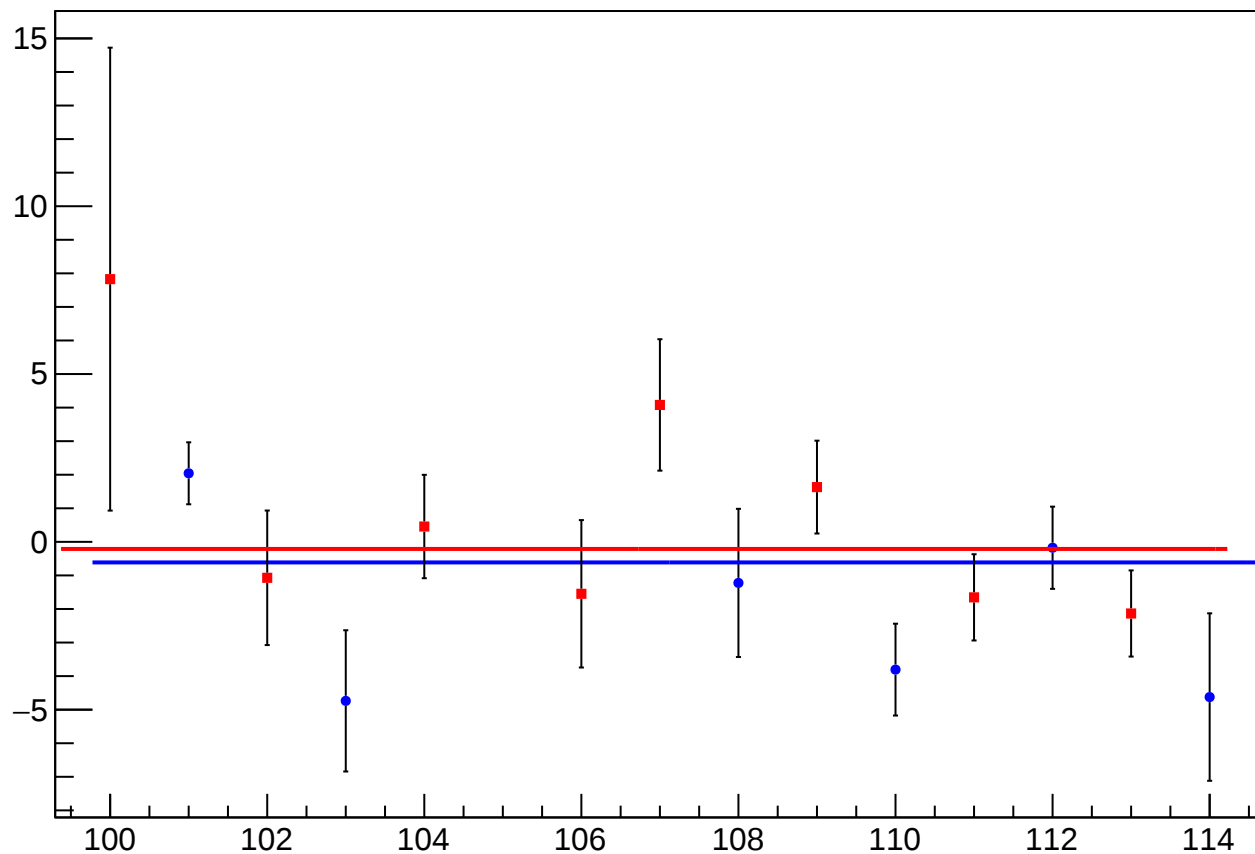
Right: -3.008+/-0.549 χ^2/NDF : 798.6/13

In: -5.163+/-0.821 χ^2/NDF :449.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.008+/-0.549 χ^2/NDF : 798.6/13

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.613 ± 0.581 χ^2/NDF : 20.4/5

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

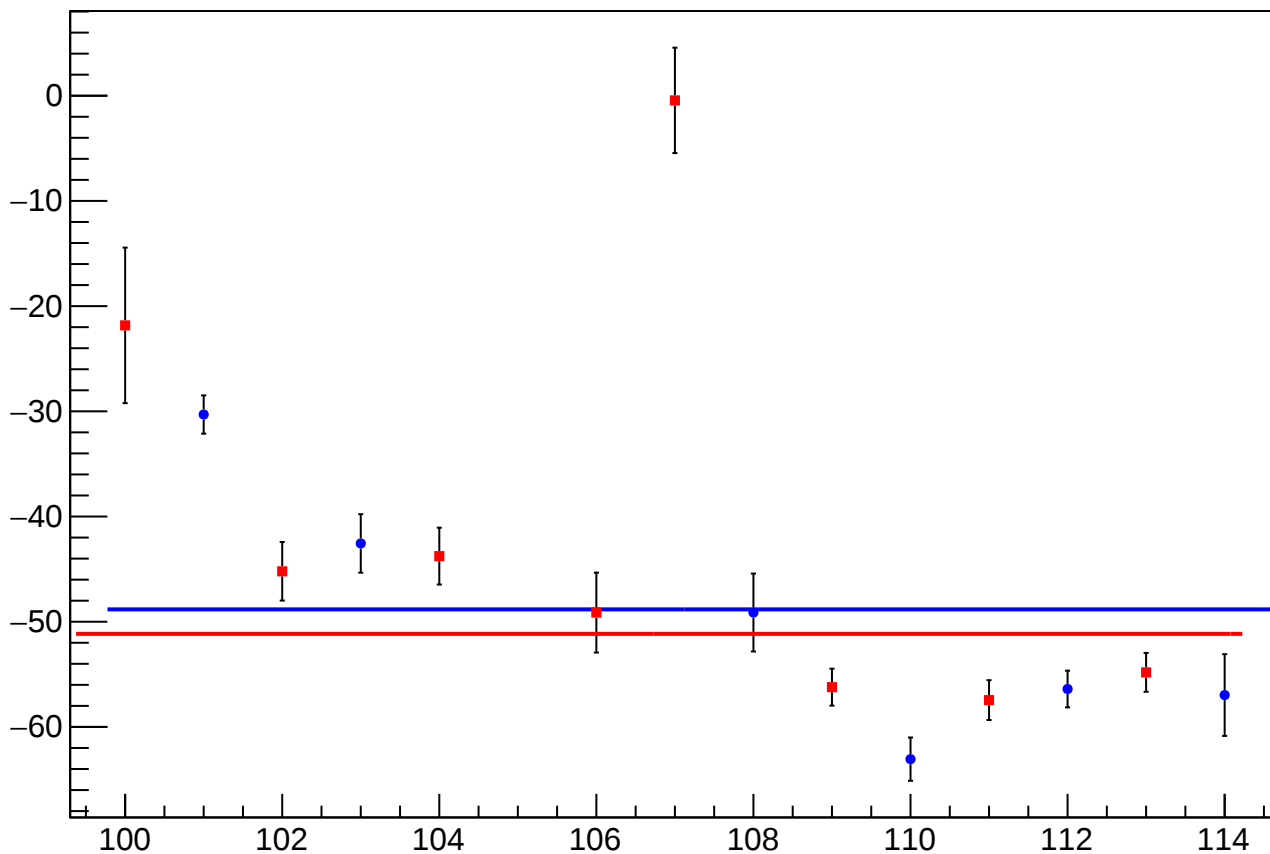
Right: -0.414 ± 0.413 χ^2/NDF : 32.8/13

In: -0.613 ± 0.581 χ^2/NDF : 20.4/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.414 ± 0.413 χ^2/NDF : 32.8/13

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.825+/-0.939 χ^2/NDF : 179.7/5

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

Right Out: -51.153+/-0.880 χ^2/NDF : 153.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

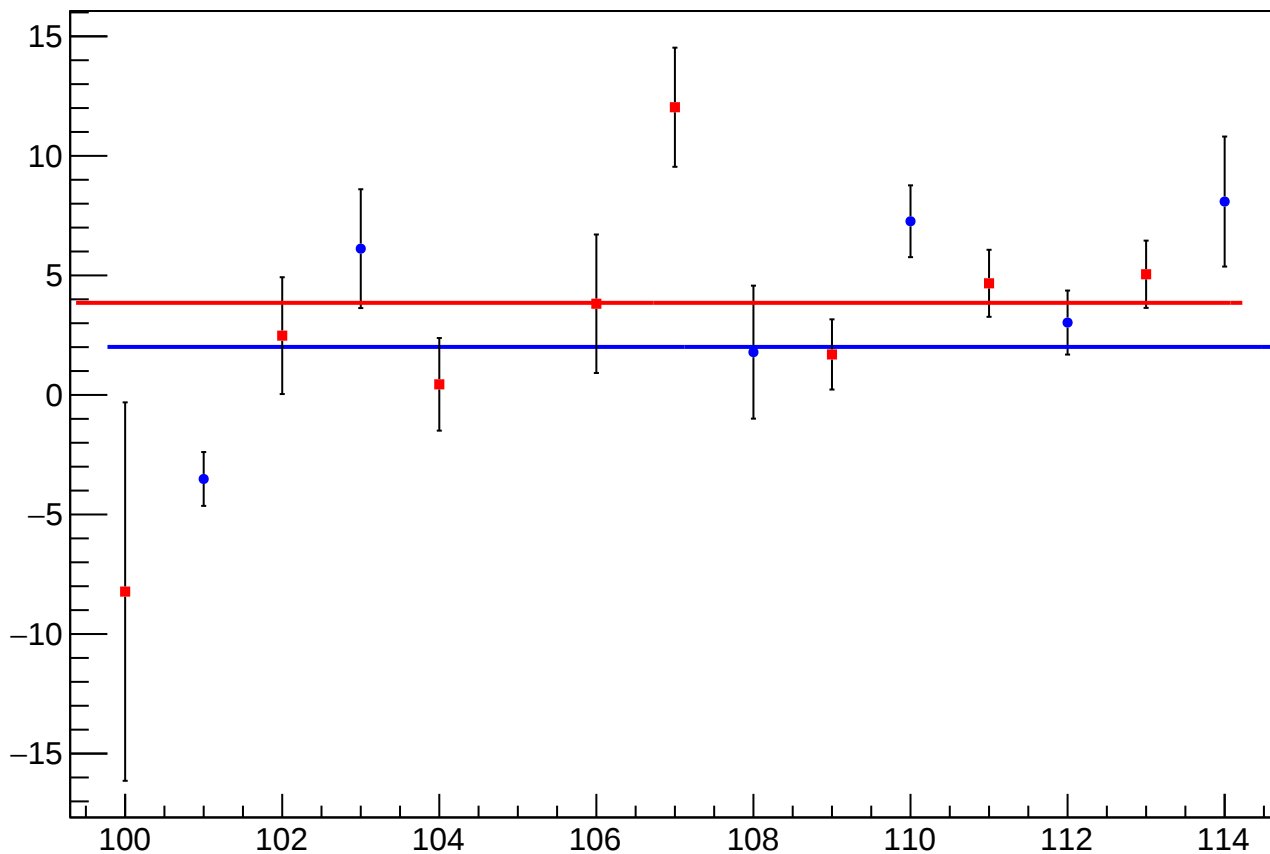
Right: -50.063+/-0.642 χ^2/NDF : 336.8/13

In: -48.825+/-0.939 χ^2/NDF : 179.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.063+/-0.642 χ^2/NDF : 336.8/13

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.009+/-0.672 χ^2/NDF : 44.6/5

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

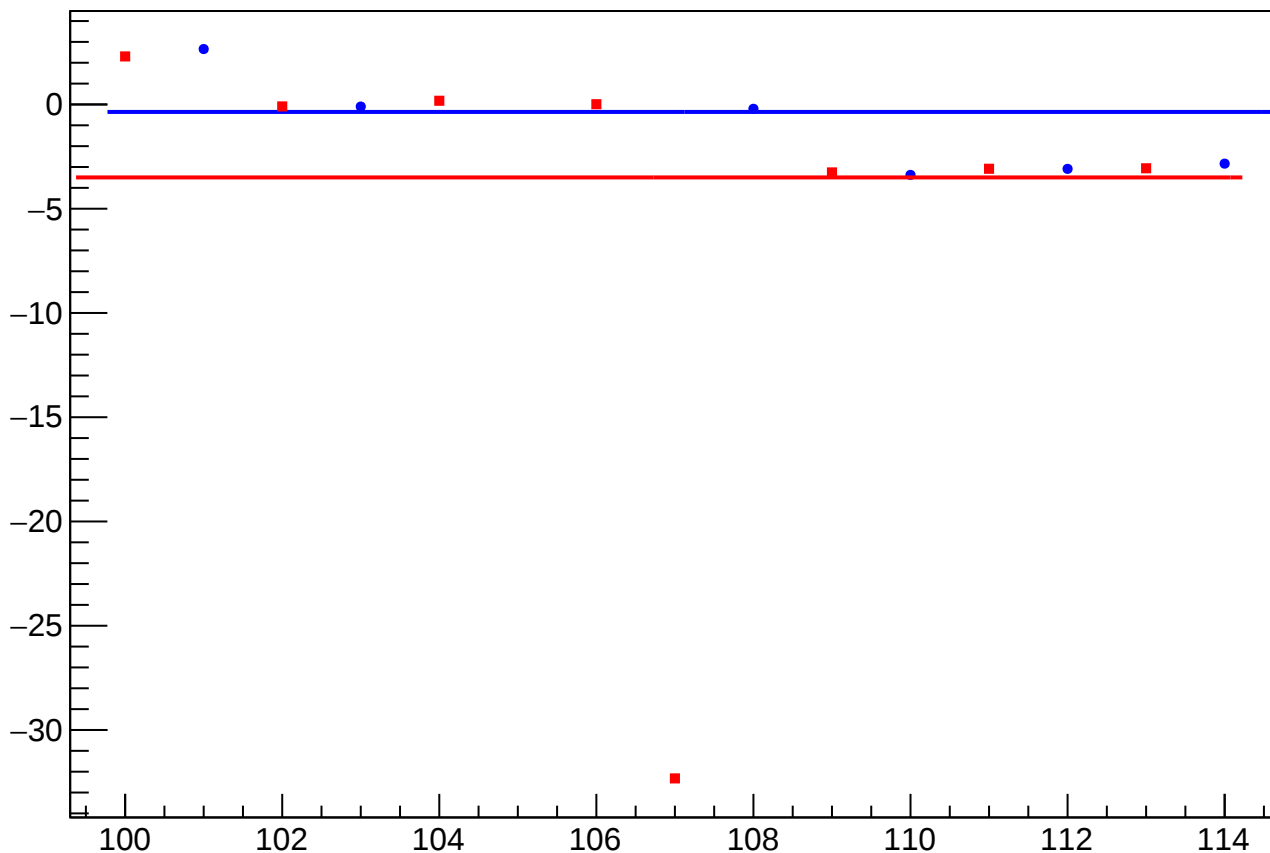
Right: 2.930+/-0.475 χ^2/NDF : 68.1/13

In: 2.009+/-0.672 χ^2/NDF : 44.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.930+/-0.475 χ^2/NDF : 68.1/13

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.358+/-0.033 χ^2/NDF : 4378.3/5

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

Right Out: -3.499+/-0.031 χ^2/NDF : 70209.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

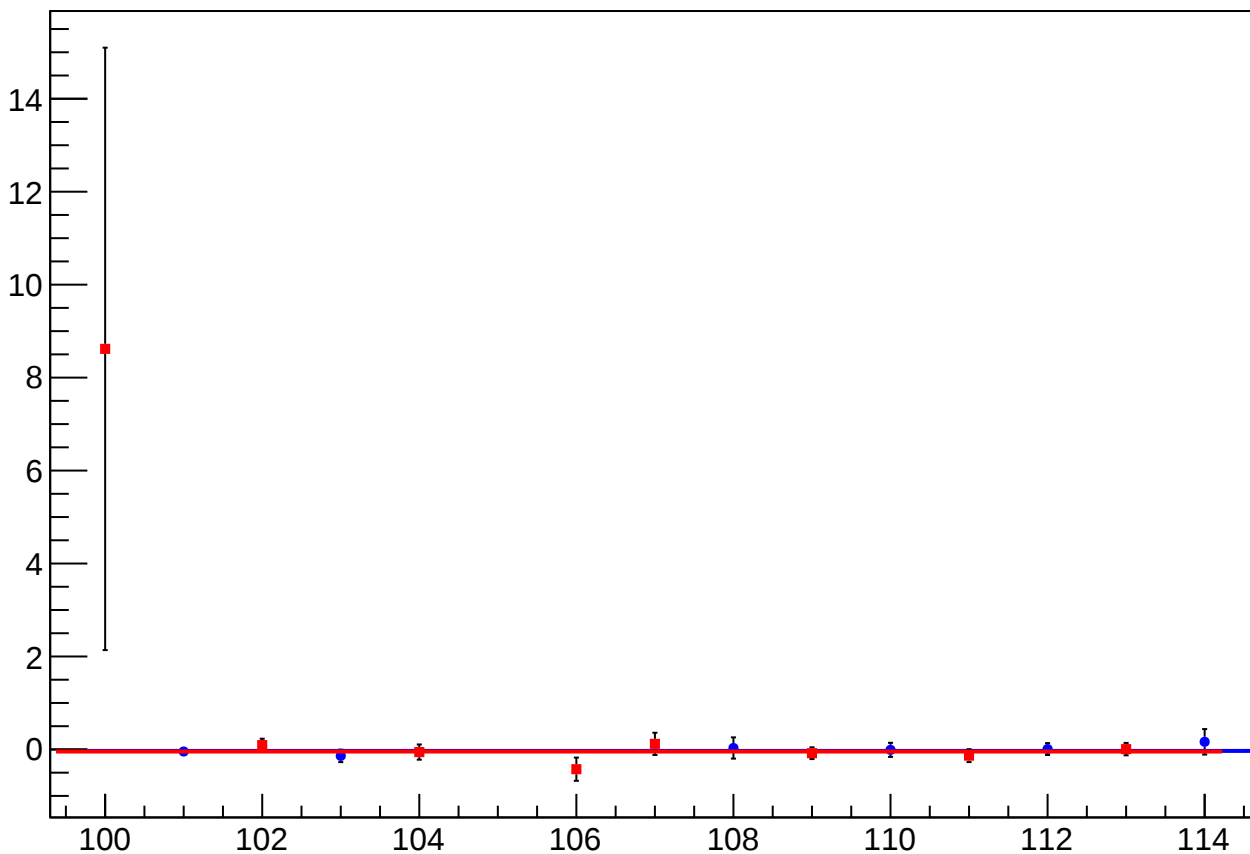
Right: -2.049+/-0.022 χ^2/NDF : 79443.8/13

In: -0.358+/-0.033 χ^2/NDF : 4378.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.049+/-0.022 χ^2/NDF : 79443.8/13

reg_asym_ds_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.032 $\pm$ 0.058 χ^2 /NDF: 1.4/5

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

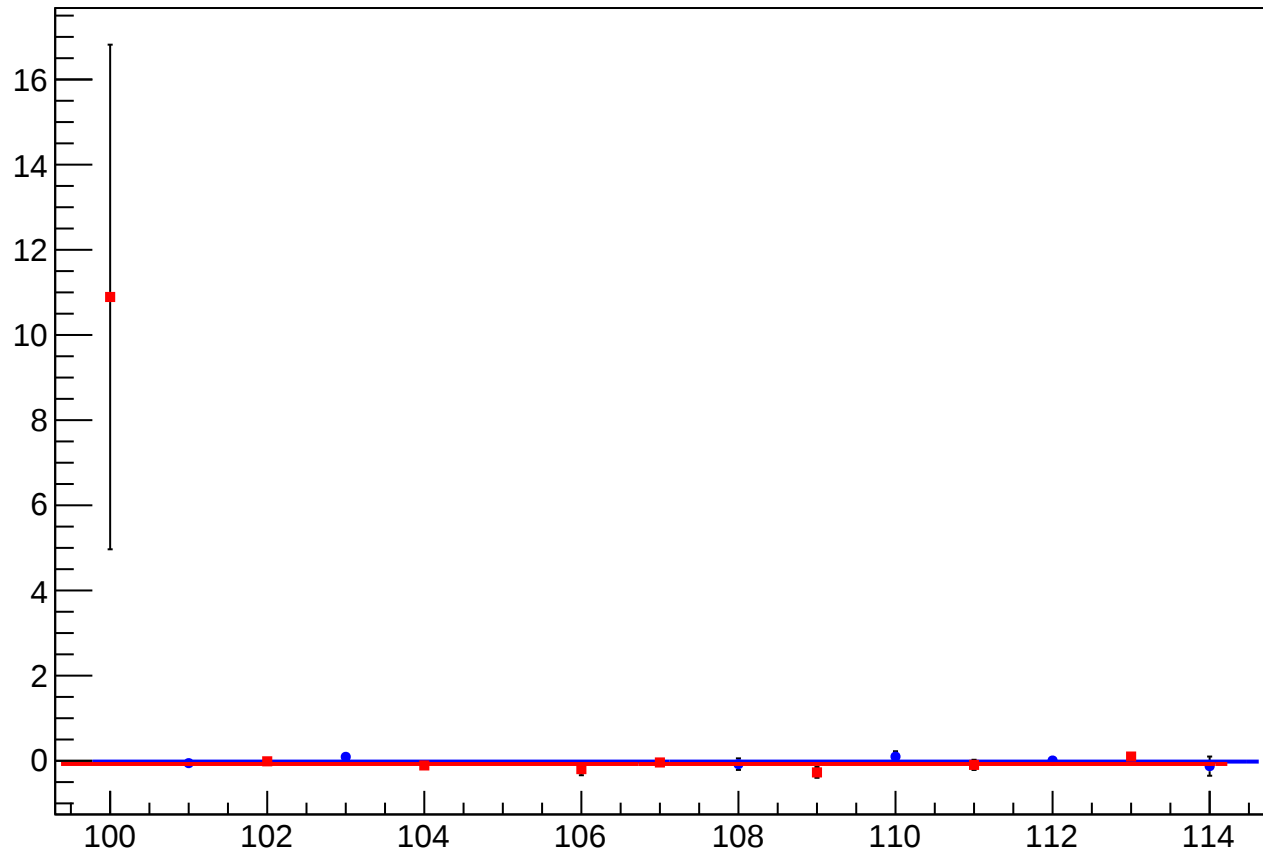
Right: -0.038 $\pm$ 0.041 χ^2 /NDF: 7.6/13

In: -0.032 $\pm$ 0.058 χ^2 /NDF:1.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.038 $\pm$ 0.041 χ^2 /NDF: 7.6/13

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.019 ± 0.037 χ^2/NDF : 3.2/5

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

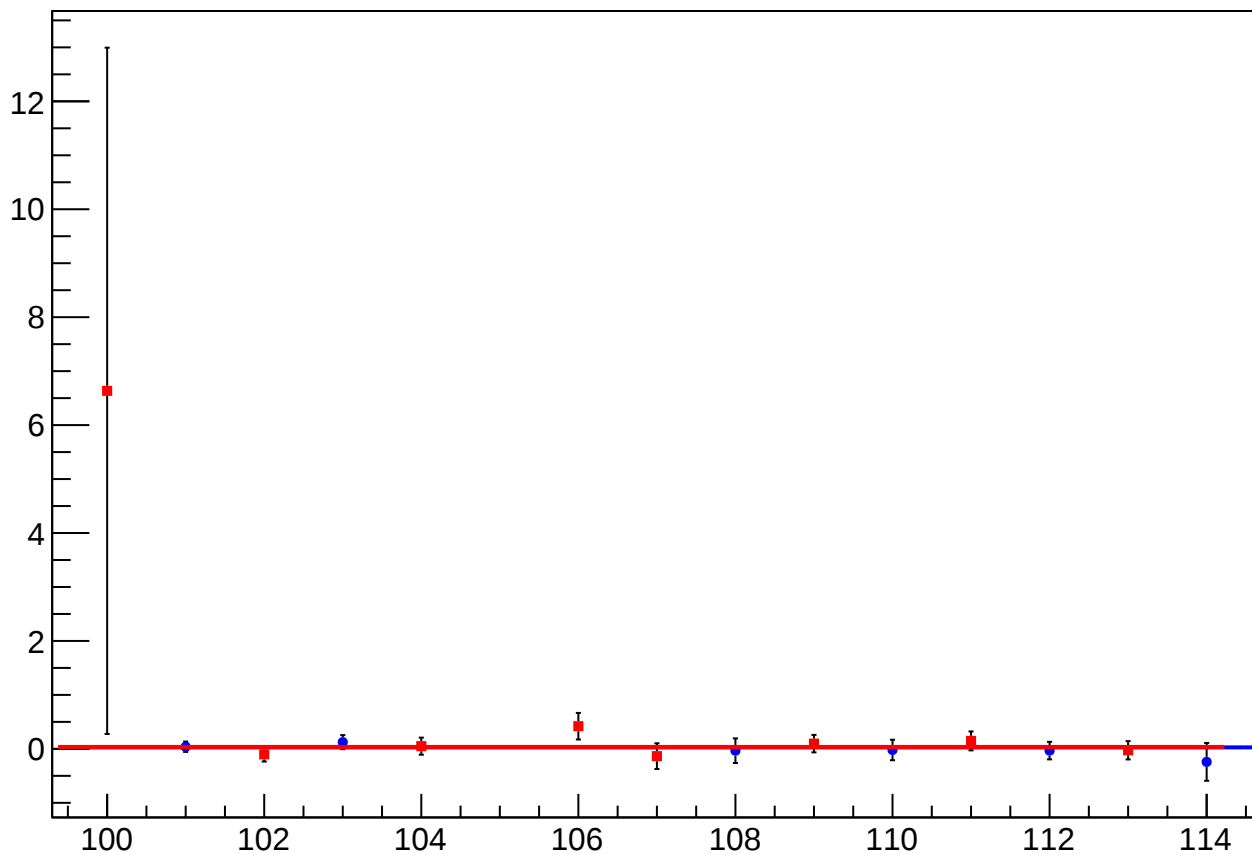
Right: -0.043 ± 0.027 χ^2/NDF : 13.7/13

In: -0.019 ± 0.037 χ^2/NDF : 3.2/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.043 ± 0.027 χ^2/NDF : 13.7/13

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.028+/-0.062 χ^2/NDF : 1.4/5

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

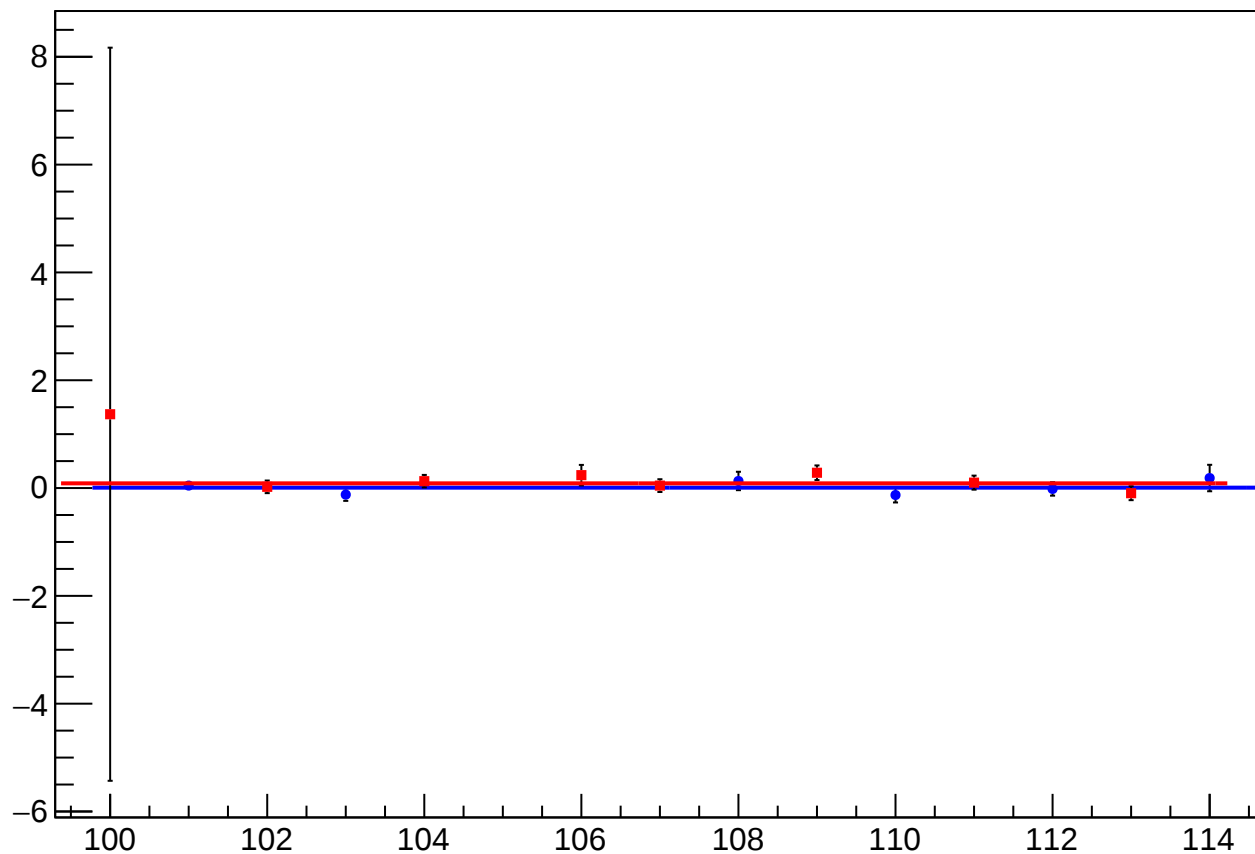
Right: 0.031+/-0.045 χ^2/NDF : 7.2/13

In: 0.028+/-0.062 χ^2/NDF : 1.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.045 χ^2/NDF : 7.2/13

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.044 χ^2/NDF : 3.7/5

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

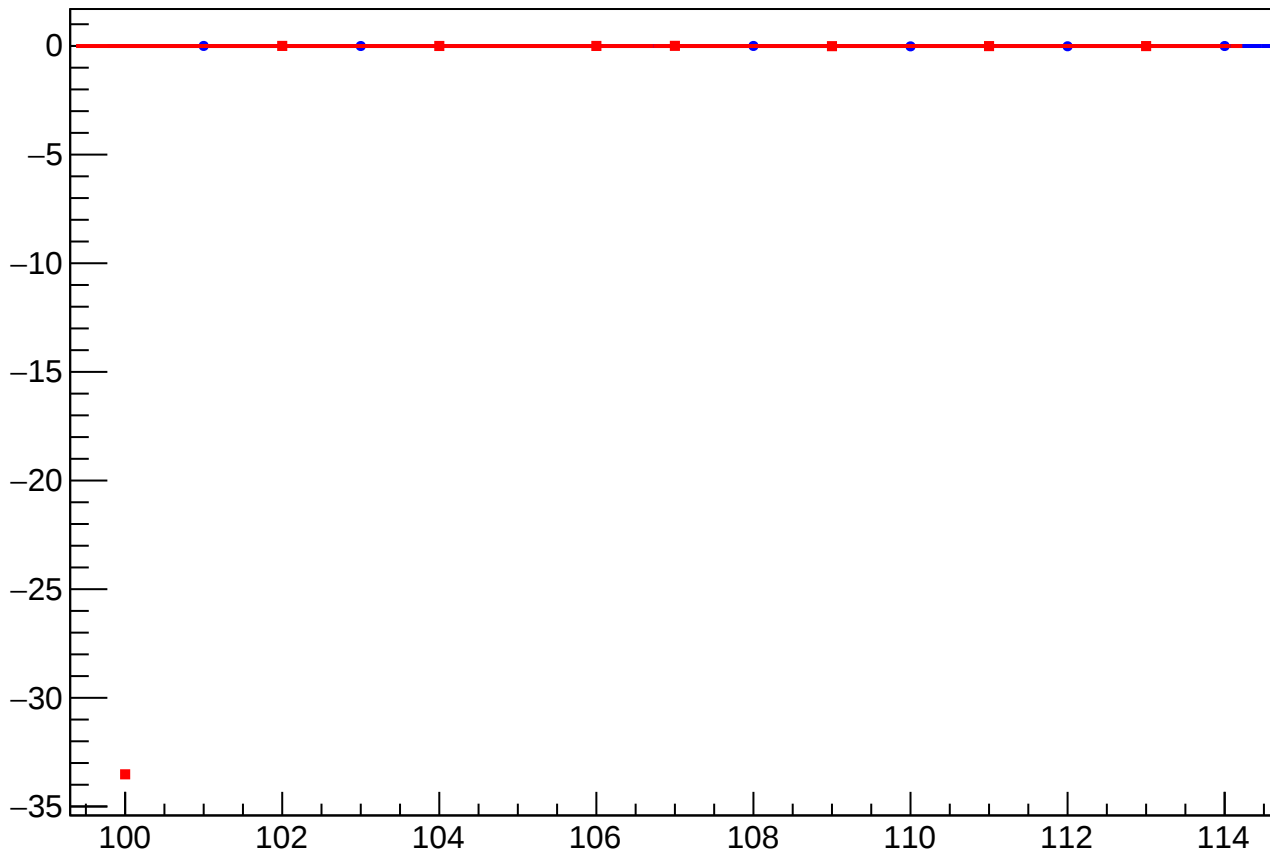
Right: 0.043 $\pm$ 0.033 χ^2/NDF : 10.6/13

In: 0.007 $\pm$ 0.044 χ^2/NDF : 3.7/5

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

All: 0.043 $\pm$ 0.033 χ^2/NDF : 10.6/13

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.002 χ^2 /NDF: 7.0/5

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

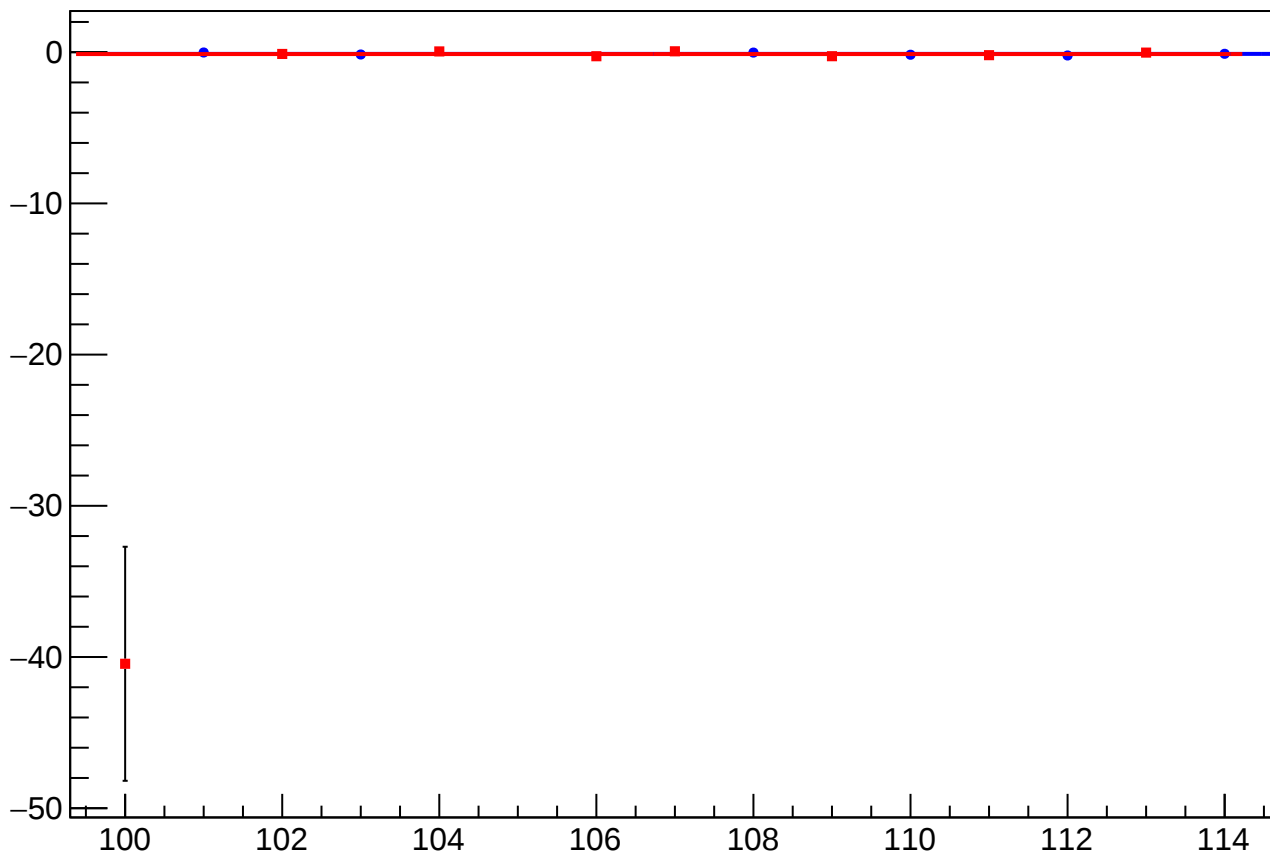
Right: -0.003 $\pm$ 0.001 χ^2 /NDF: 26502.3/13

In: -0.002 $\pm$ 0.002 χ^2 /NDF:7.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.001 χ^2 /NDF: 26502.3/13

reg_asym_ds_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.112 ± 0.058 χ^2/NDF : 1.9/5

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

Right Out: -0.123 ± 0.058 χ^2/NDF : 31.3/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

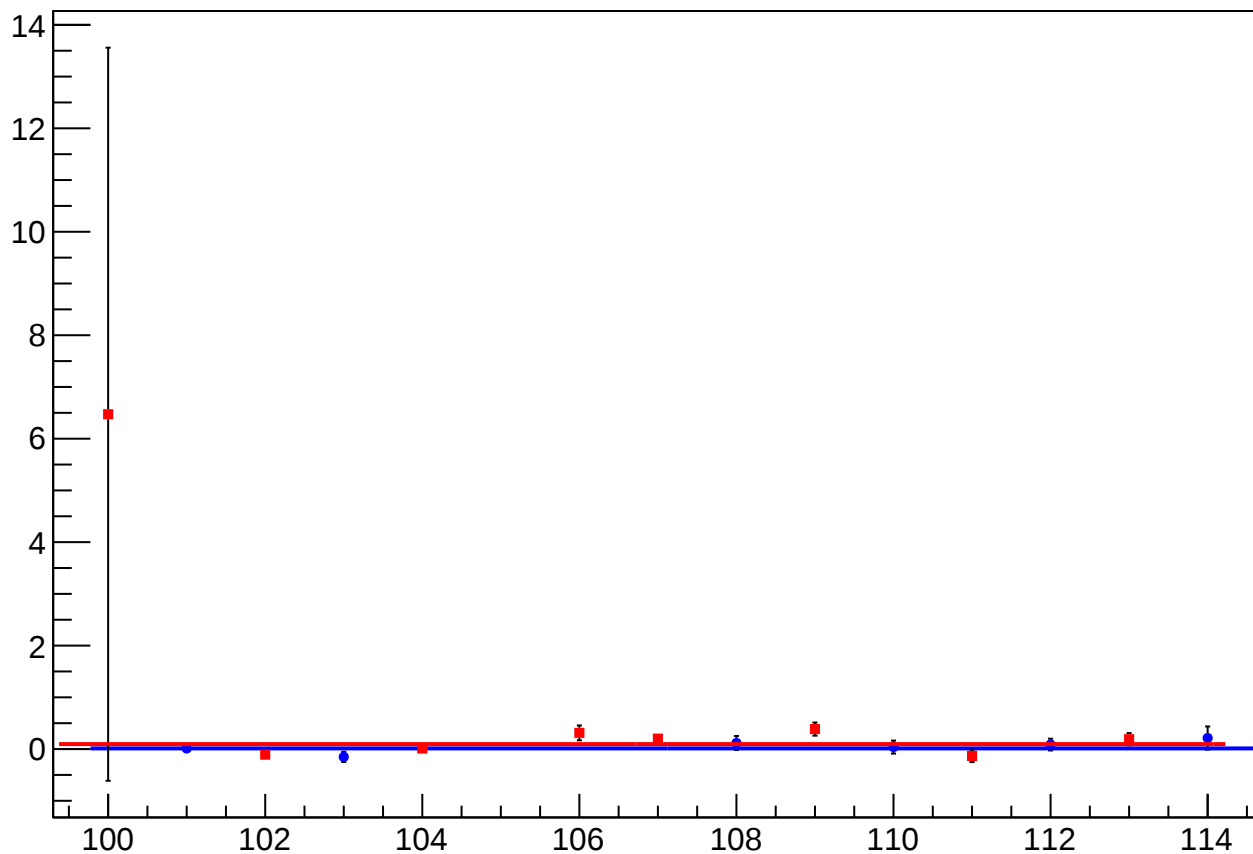
Right: -0.117 ± 0.041 χ^2/NDF : 33.2/13

In: -0.112 ± 0.058 χ^2/NDF : 1.9/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.117 ± 0.041 χ^2/NDF : 33.2/13

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.012+/-0.037 χ^2/NDF : 4.7/5

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

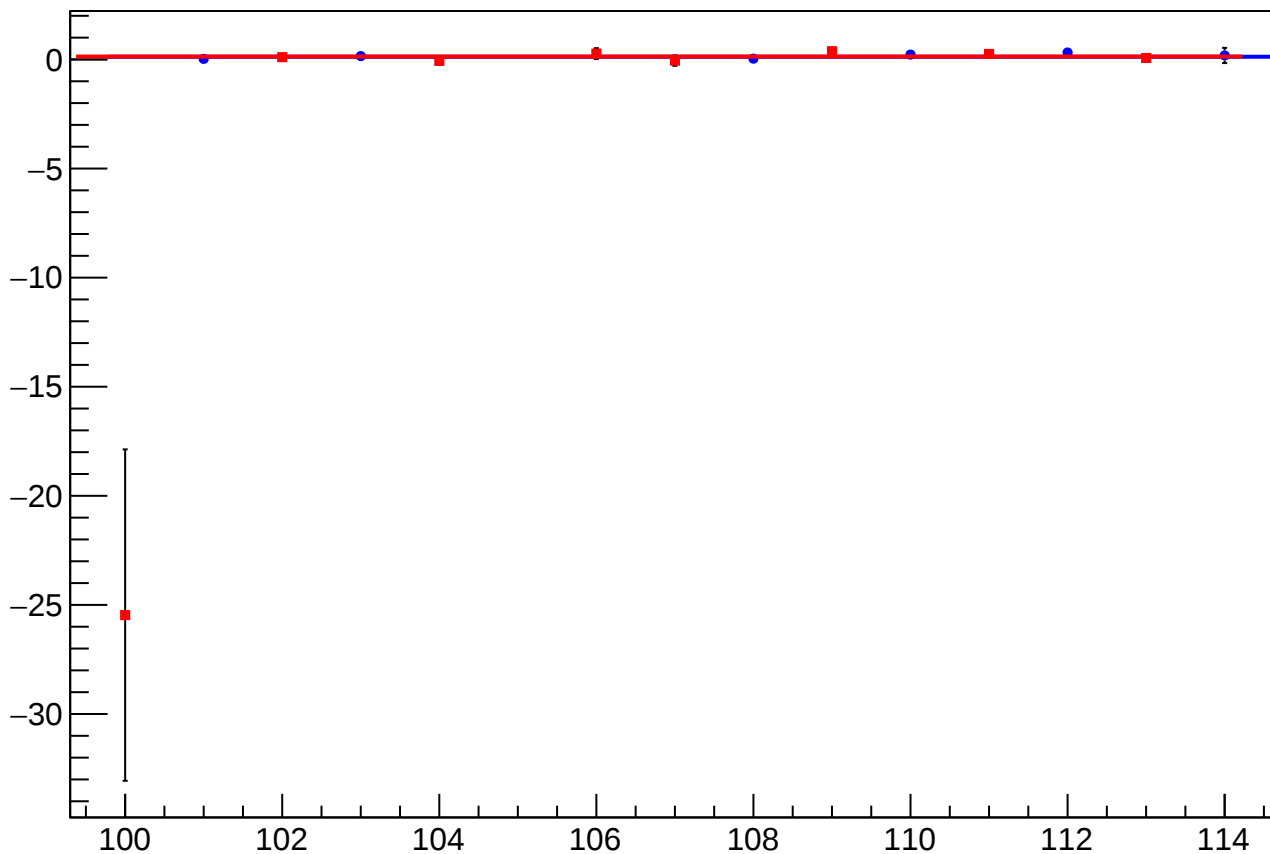
Right: 0.049+/-0.027 χ^2/NDF : 26.3/13

In: 0.012+/-0.037 χ^2/NDF : 4.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.049+/-0.027 χ^2/NDF : 26.3/13

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.124+/-0.062 χ^2/NDF : 3.0/5

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

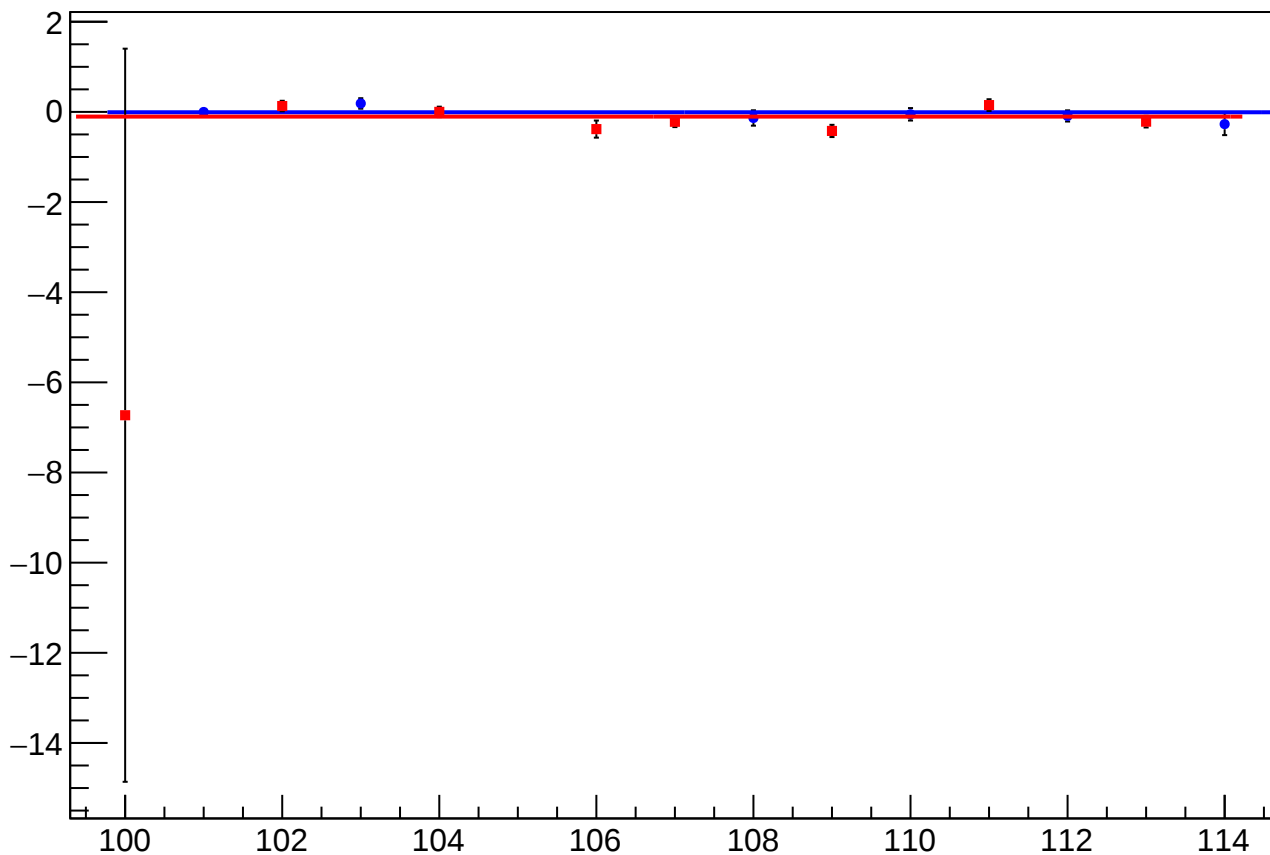
Right: 0.128+/-0.045 χ^2/NDF : 19.8/13

In: 0.124+/-0.062 χ^2/NDF : 3.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.128+/-0.045 χ^2/NDF : 19.8/13

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.008 ± 0.043 χ^2/NDF : 5.1/5

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

Right Out: -0.104 ± 0.049 χ^2/NDF : 18.7/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

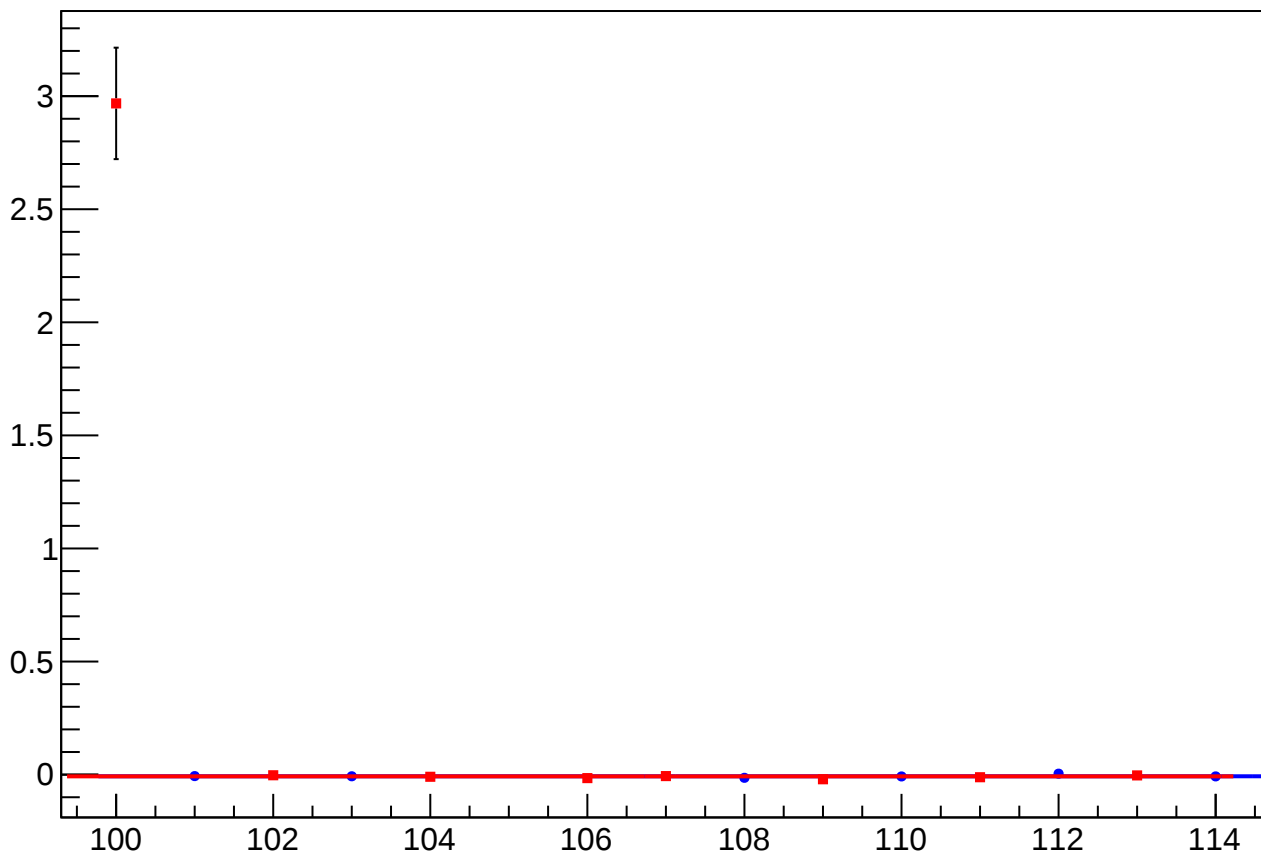
Right: -0.051 ± 0.032 χ^2/NDF : 25.9/13

In: -0.008 ± 0.043 χ^2/NDF : 5.1/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.051 ± 0.032 χ^2/NDF : 25.9/13

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.002 χ^2/NDF : 4.1/5

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

Right Out: -0.008 ± 0.002 χ^2/NDF : 154.1/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

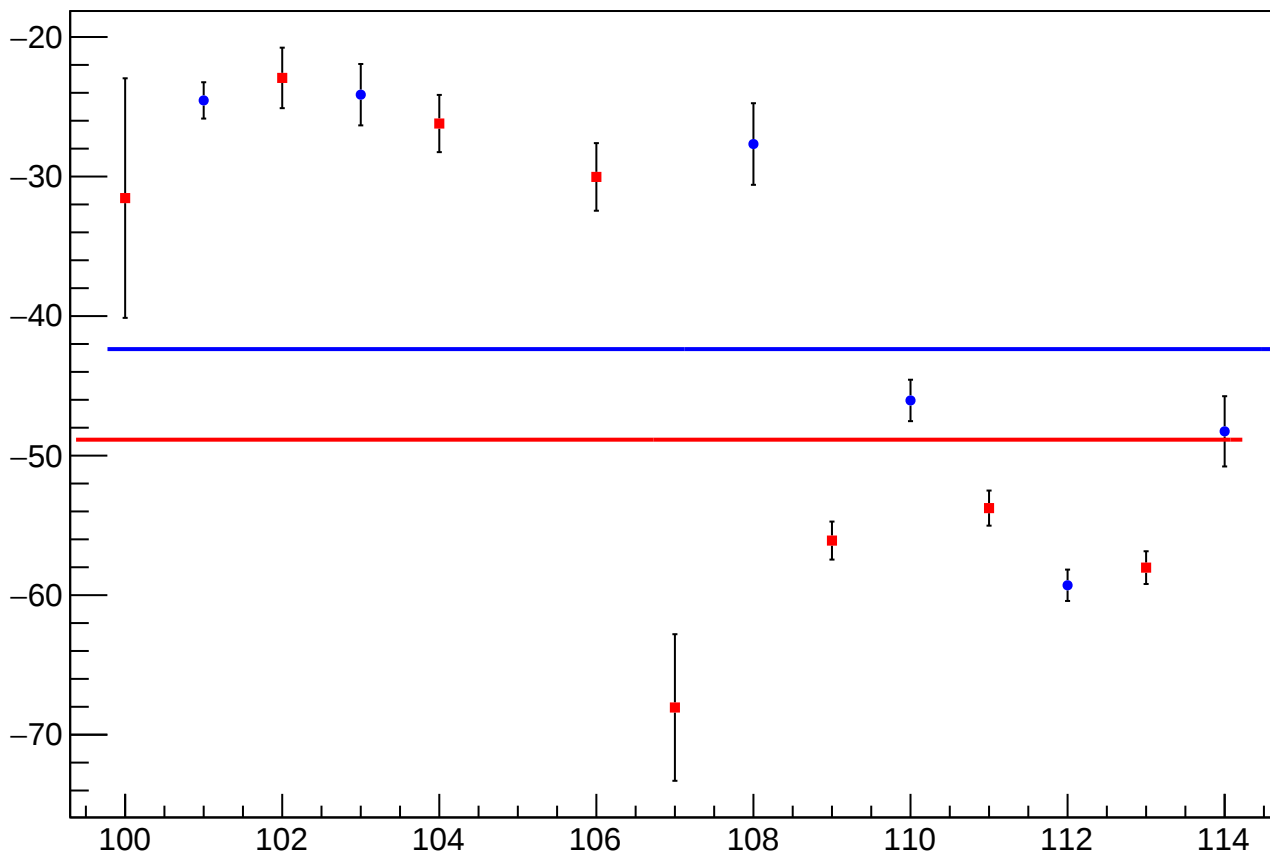
Right: -0.007 ± 0.001 χ^2/NDF : 158.2/13

In: -0.007 ± 0.002 χ^2/NDF : 4.1/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.001 χ^2/NDF : 158.2/13

reg_asym_left_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -42.366+/-0.657 χ^2/NDF : 519.9/5

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

Right Out: -48.858+/-0.624 χ^2/NDF : 447.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

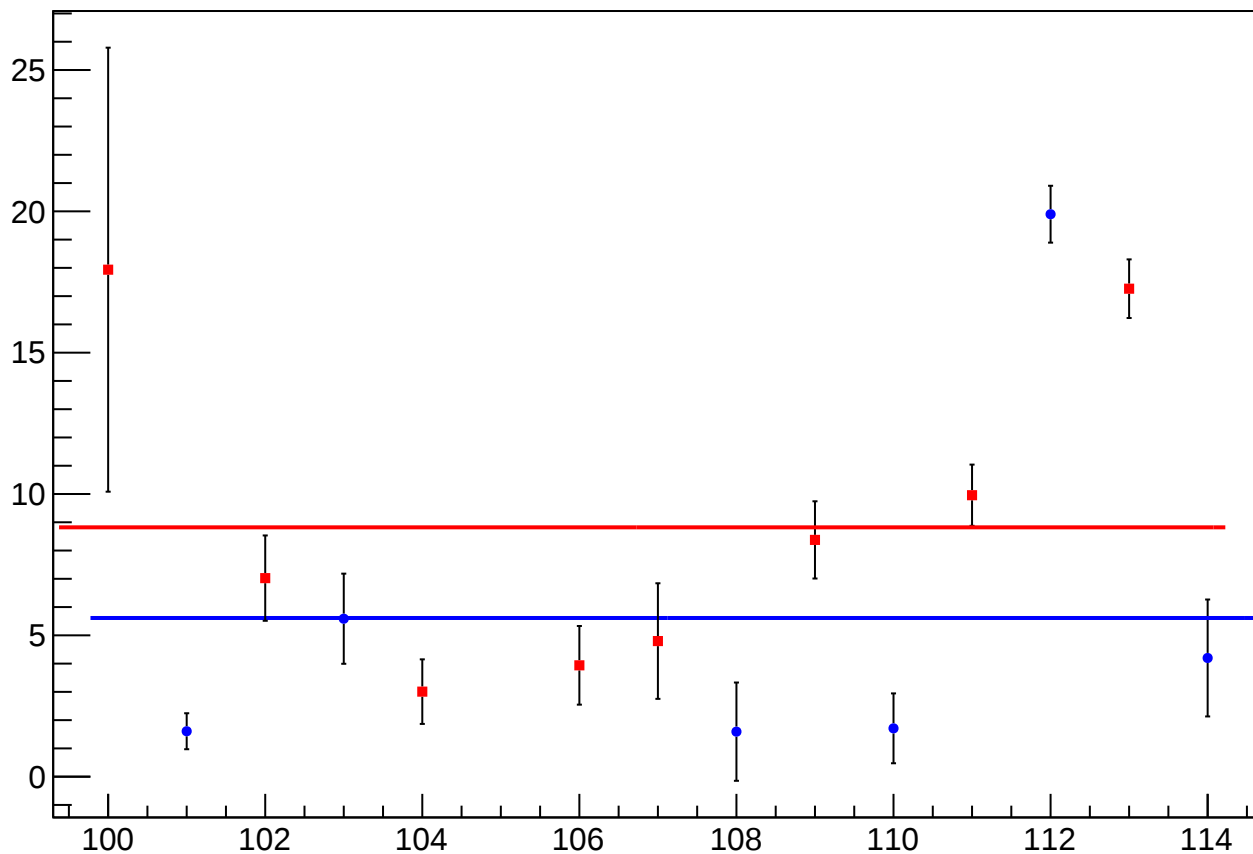
Right: -45.779+/-0.452 χ^2/NDF : 1018.7/13

In: -42.366+/-0.657 χ^2/NDF : 519.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -45.779+/-0.452 χ^2/NDF : 1018.7/13

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.614+/-0.444 χ^2/NDF : 257.1/5

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

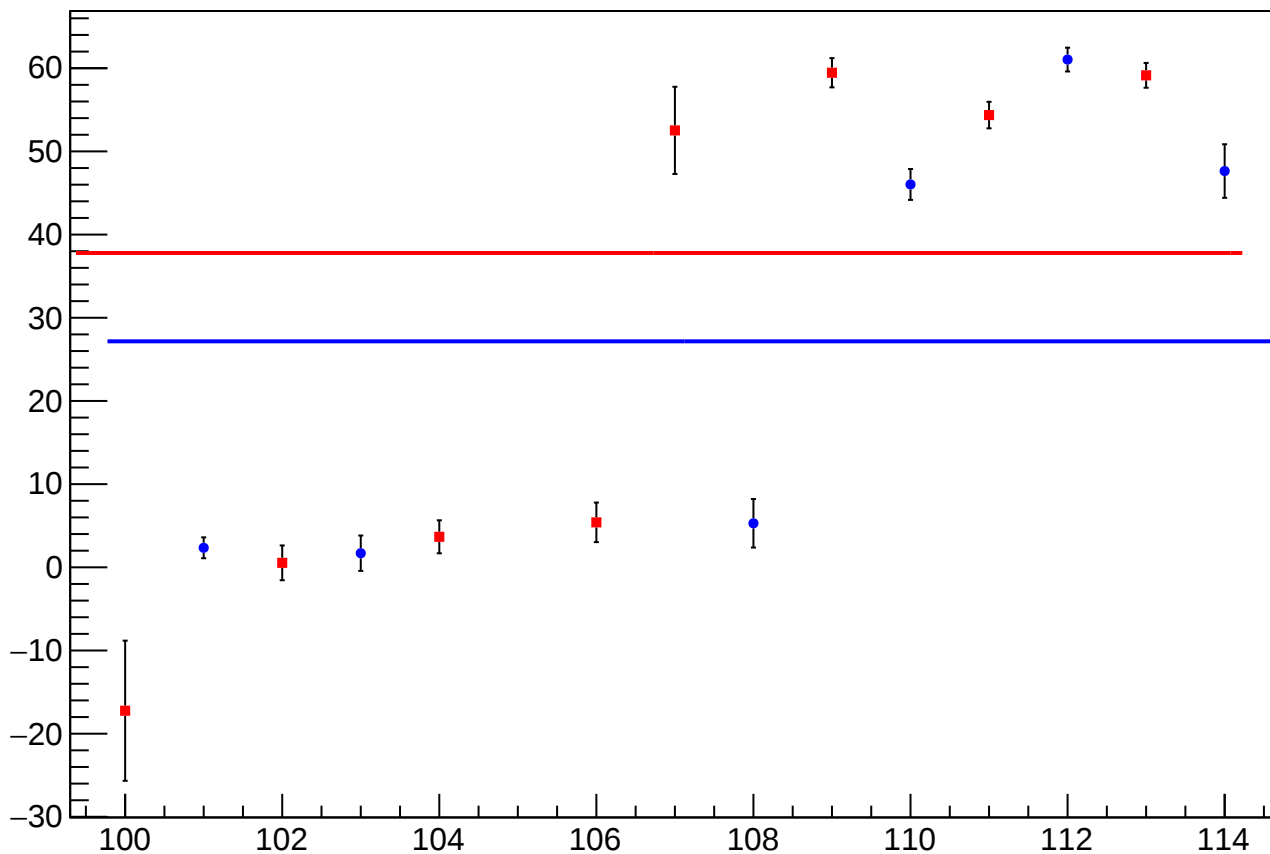
Right: 7.085+/-0.327 χ^2/NDF : 393.4/13

In: 5.614+/-0.444 χ^2/NDF : 257.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.085+/-0.327 χ^2/NDF : 393.4/13

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.167+/-0.735 χ^2/NDF : 1295.0/5

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

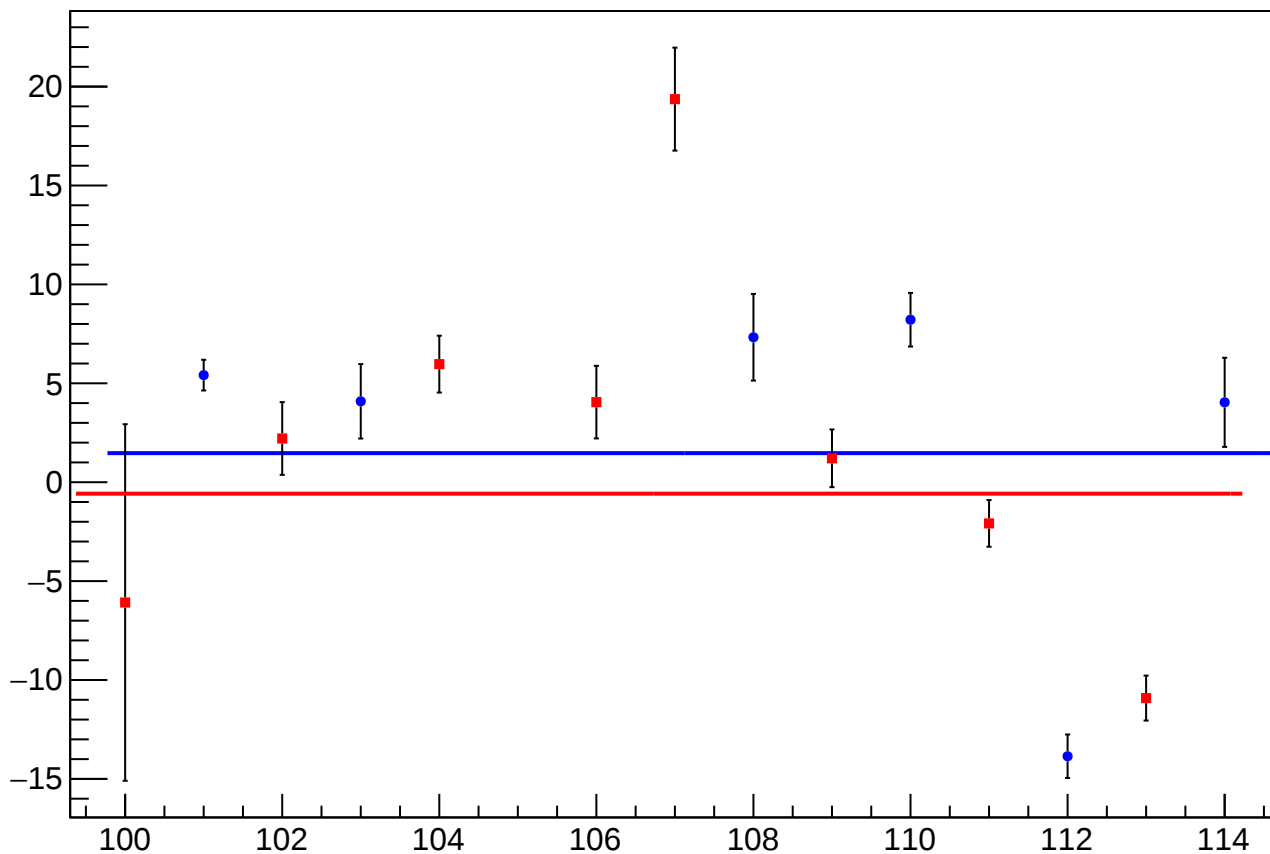
Right: 32.515+/-0.518 χ^2/NDF : 2713.5/13

In: 27.167+/-0.735 χ^2/NDF : 1295.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.515+/-0.518 χ^2/NDF : 2713.5/13

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.469+/-0.519 χ^2/NDF : 255.3/5

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

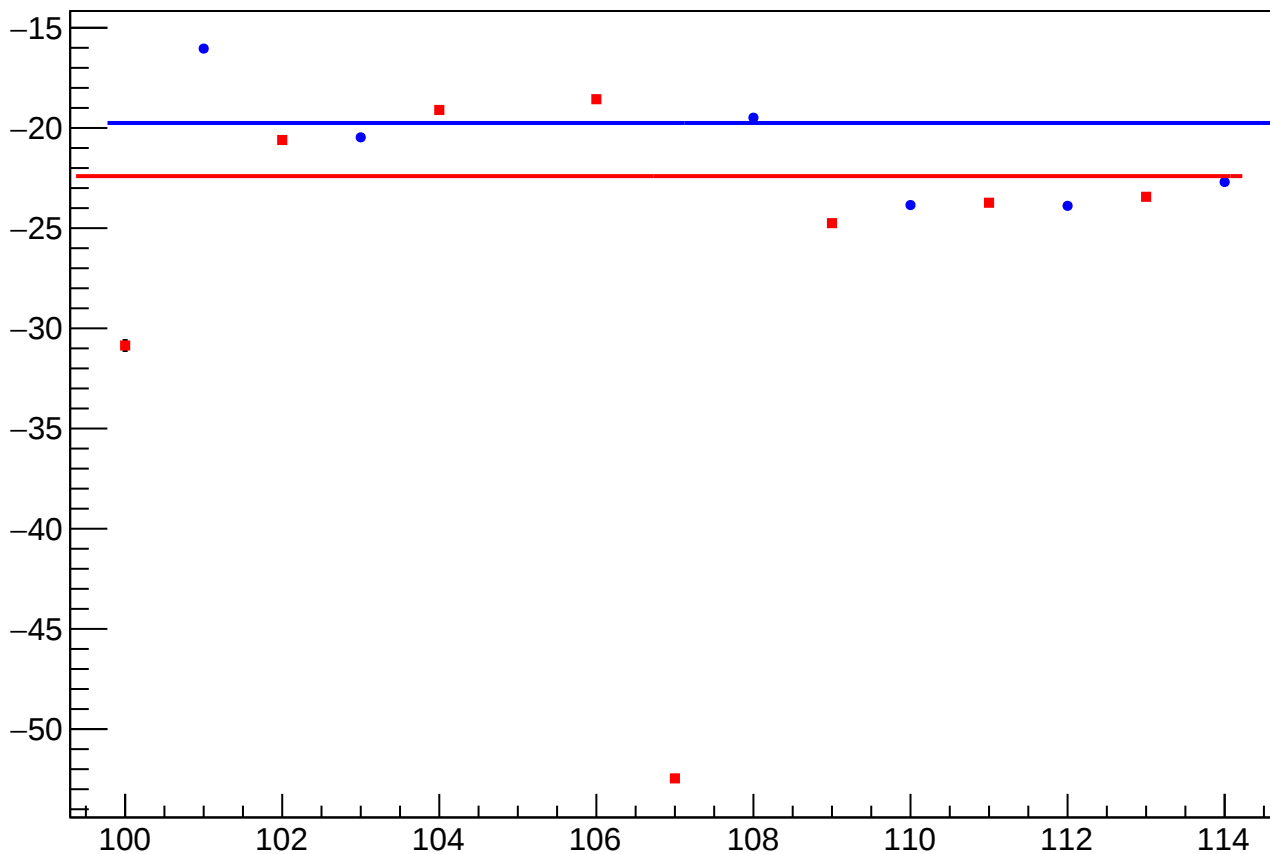
Right: 0.522+/-0.380 χ^2/NDF : 437.0/13

In: 1.469+/-0.519 χ^2/NDF : 255.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.522+/-0.380 χ^2/NDF : 437.0/13

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.750+/-0.025 χ^2/NDF : 13319.0/5

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

Right Out: -22.403+/-0.024 χ^2/NDF : 74116.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

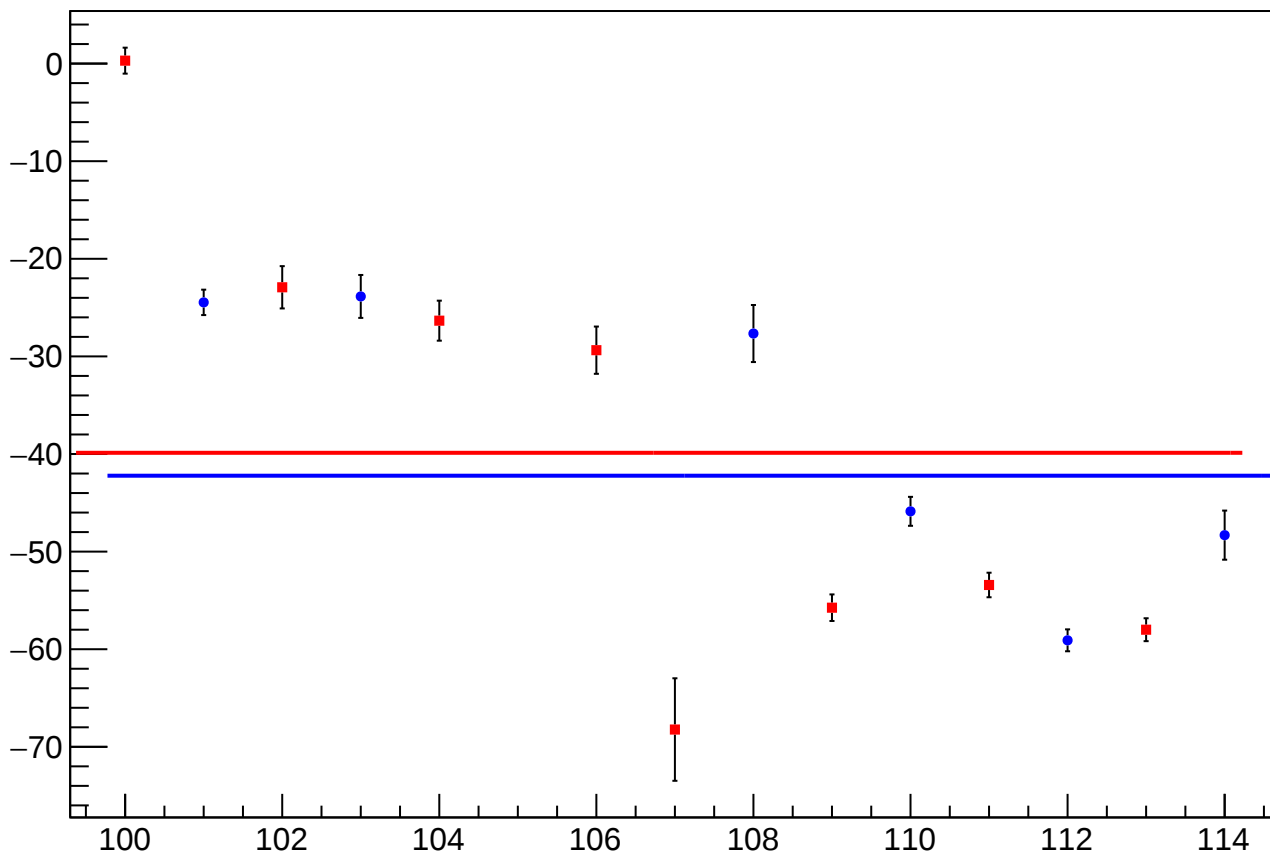
Right: -21.143+/-0.017 χ^2/NDF : 93167.4/13

In: -19.750+/-0.025 χ^2/NDF : 13319.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.143+/-0.017 χ^2/NDF : 93167.4/13

reg_asym_left_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -42.223+/-0.657 χ^2/NDF : 518.4/5

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

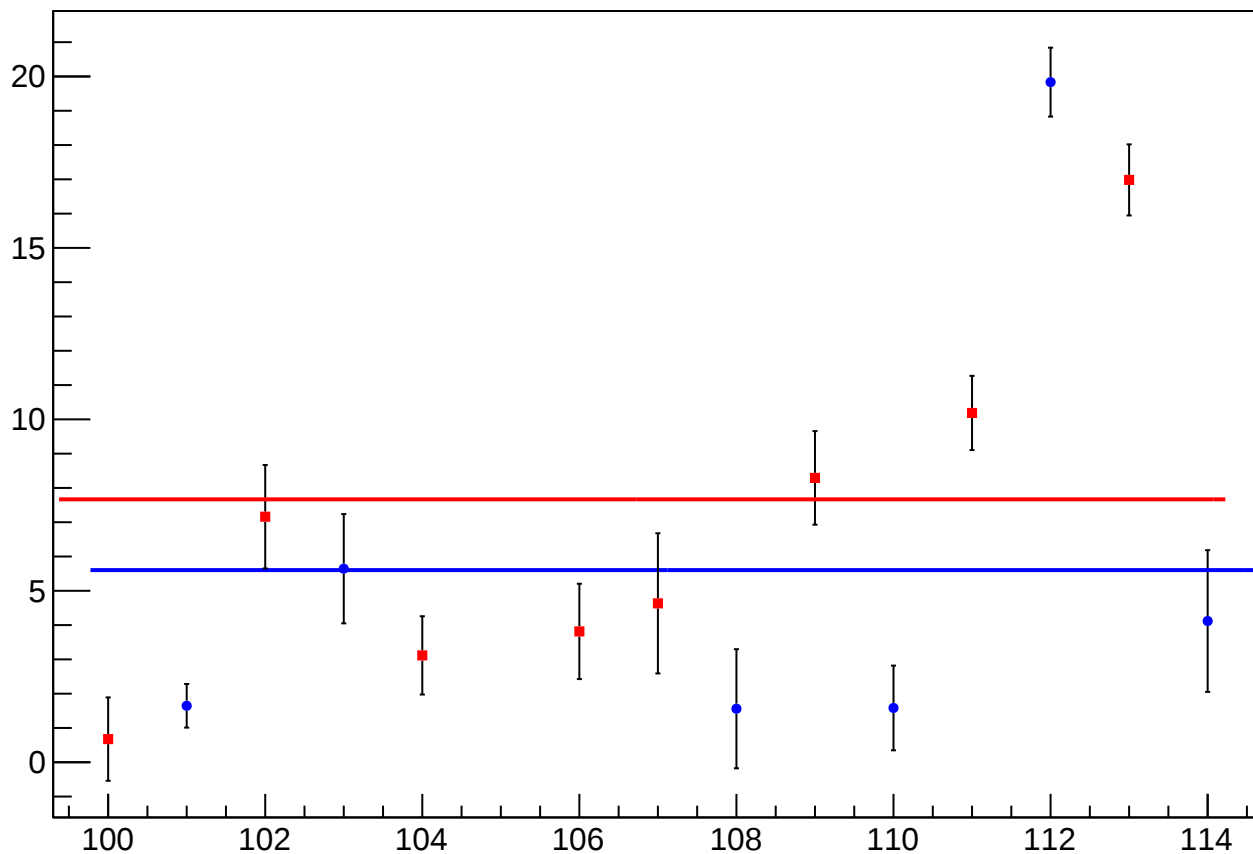
Right: -40.877+/-0.429 χ^2/NDF : 2082.0/13

In: -42.223+/-0.657 χ^2/NDF : 518.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.877+/-0.429 χ^2/NDF : 2082.0/13

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.604 $\pm$ 0.444 χ^2 /NDF: 255.7/5

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

Right Out: 7.667 $\pm$ 0.449 χ^2 /NDF: 145.3/7

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

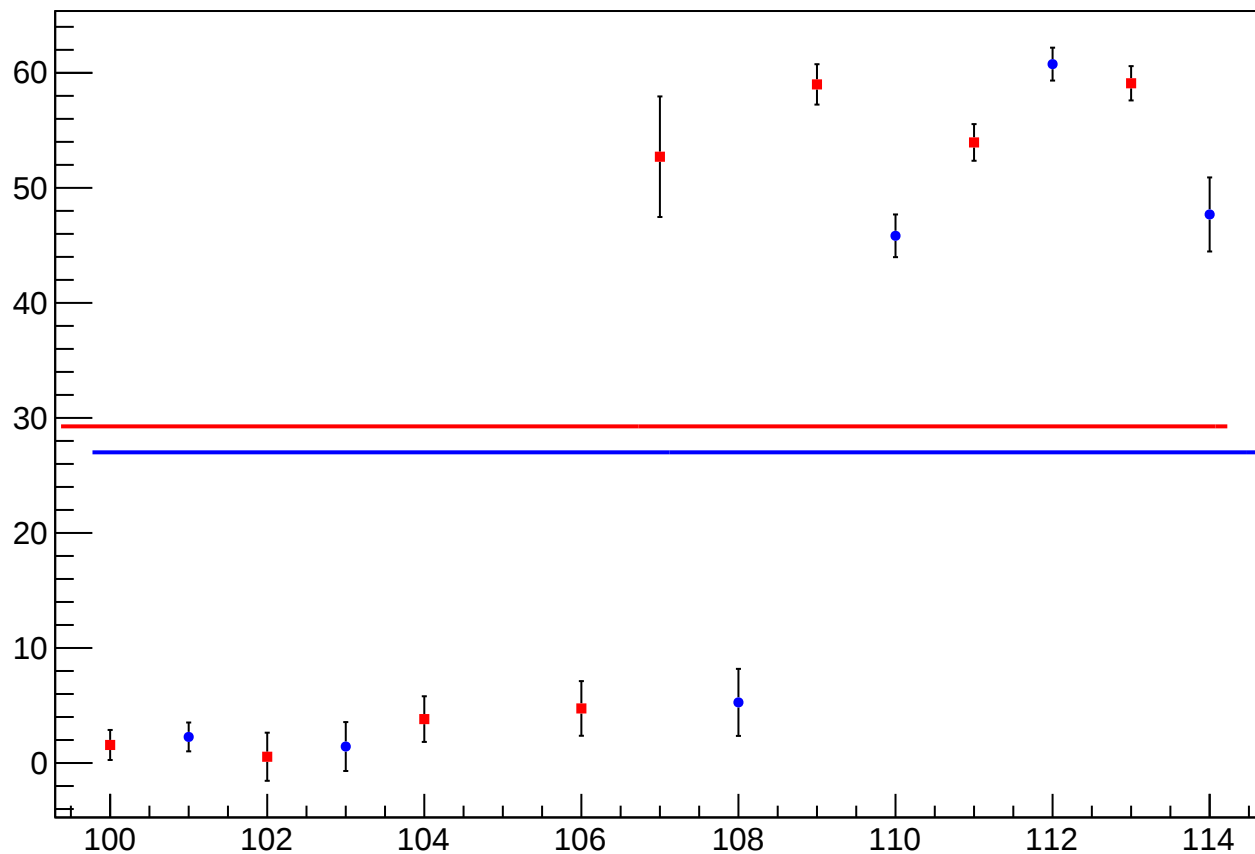
Right: 6.624 $\pm$ 0.316 χ^2 /NDF: 411.7/13

In: 5.604 $\pm$ 0.444 χ^2 /NDF:255.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 6.624 $\pm$ 0.316 χ^2 /NDF: 411.7/13

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.009+/-0.735 χ^2/NDF : 1291.0/5

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

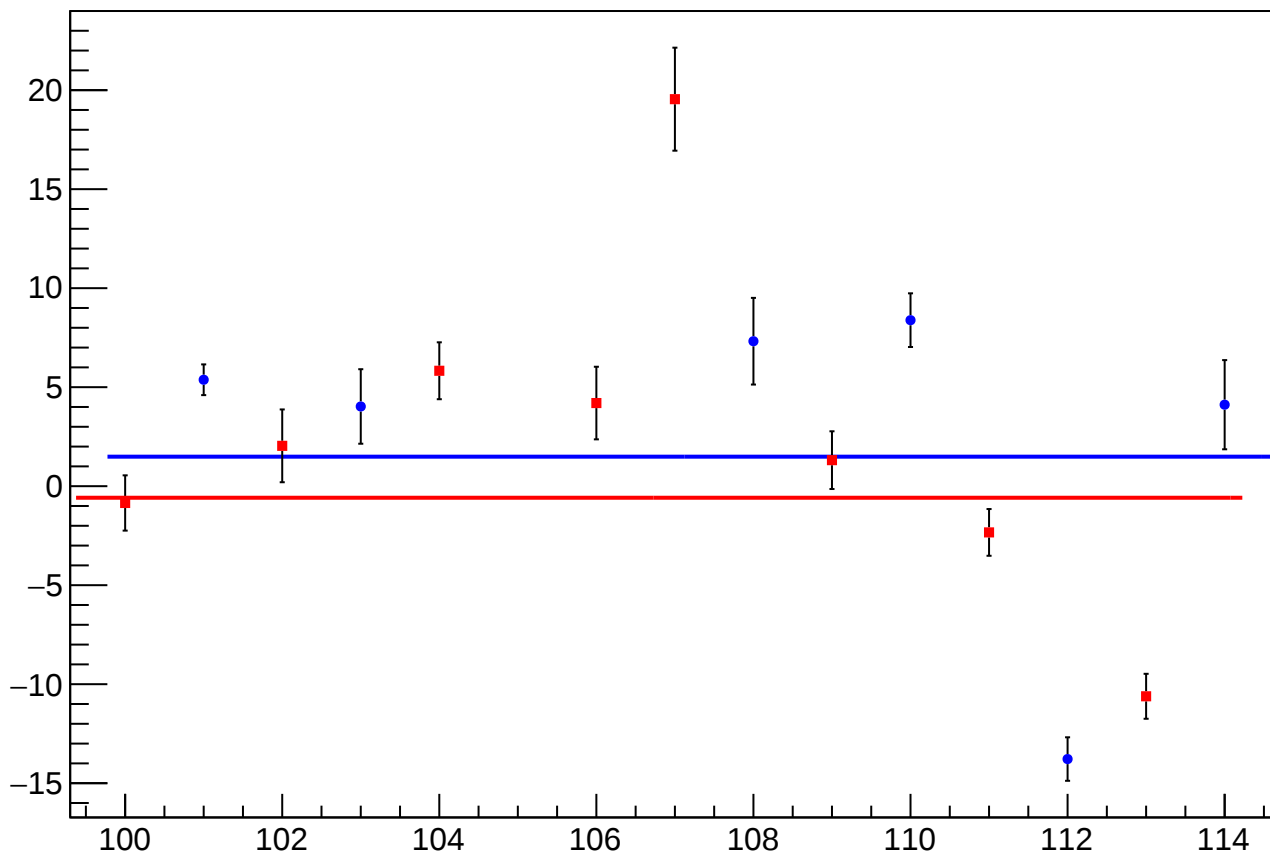
Right: 28.295+/-0.482 χ^2/NDF : 3153.2/13

In: 27.009+/-0.735 χ^2/NDF : 1291.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.295+/-0.482 χ^2/NDF : 3153.2/13

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.491+/-0.518 χ^2/NDF : 254.5/5

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

Right Out: -0.584+/-0.520 χ^2/NDF : 170.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

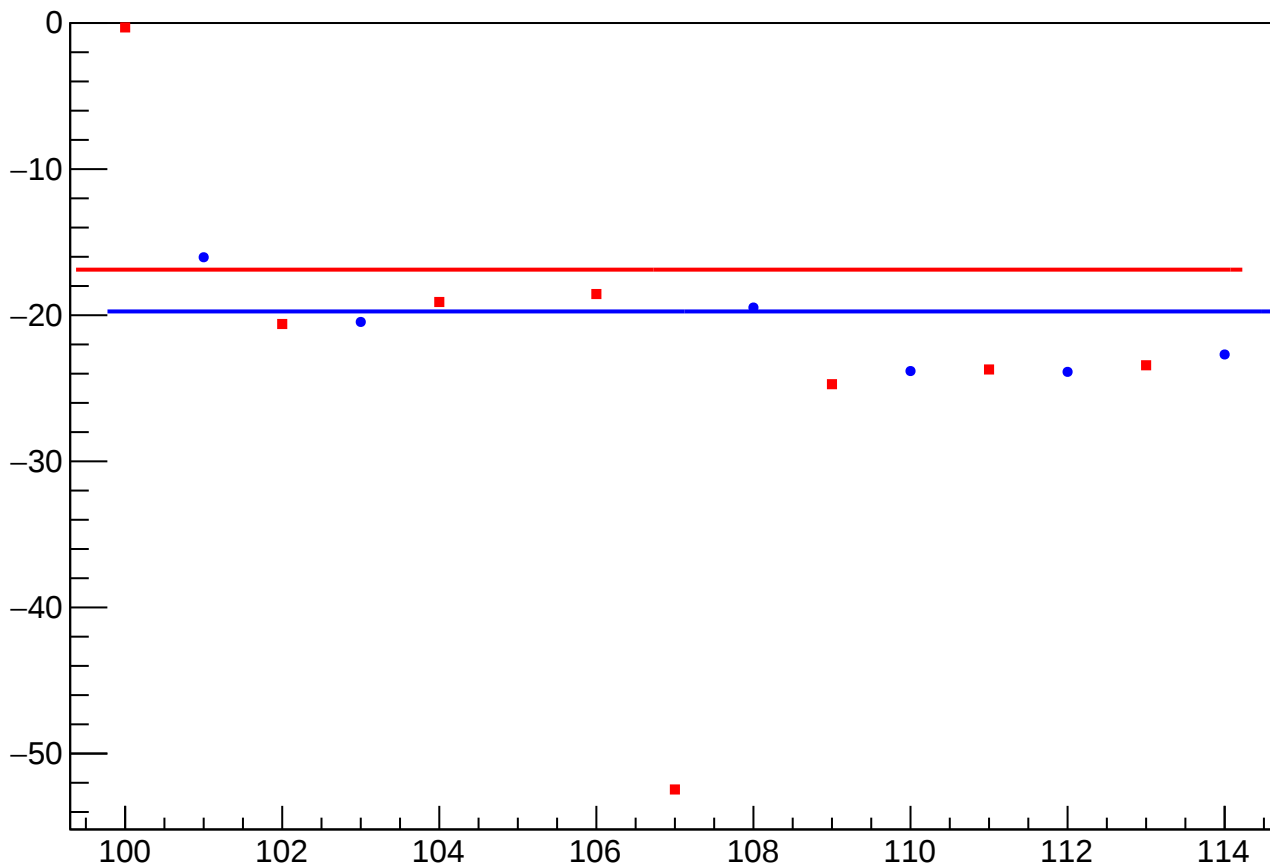
Right: 0.456+/-0.367 χ^2/NDF : 433.1/13

In: 1.491+/-0.518 χ^2/NDF : 254.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.456+/-0.367 χ^2/NDF : 433.1/13

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.741 $\pm$ 0.025 χ^2 /NDF: 13301.6/5

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

Right Out: -16.880 $\pm$ 0.021 χ^2 /NDF: 277499.4/7

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

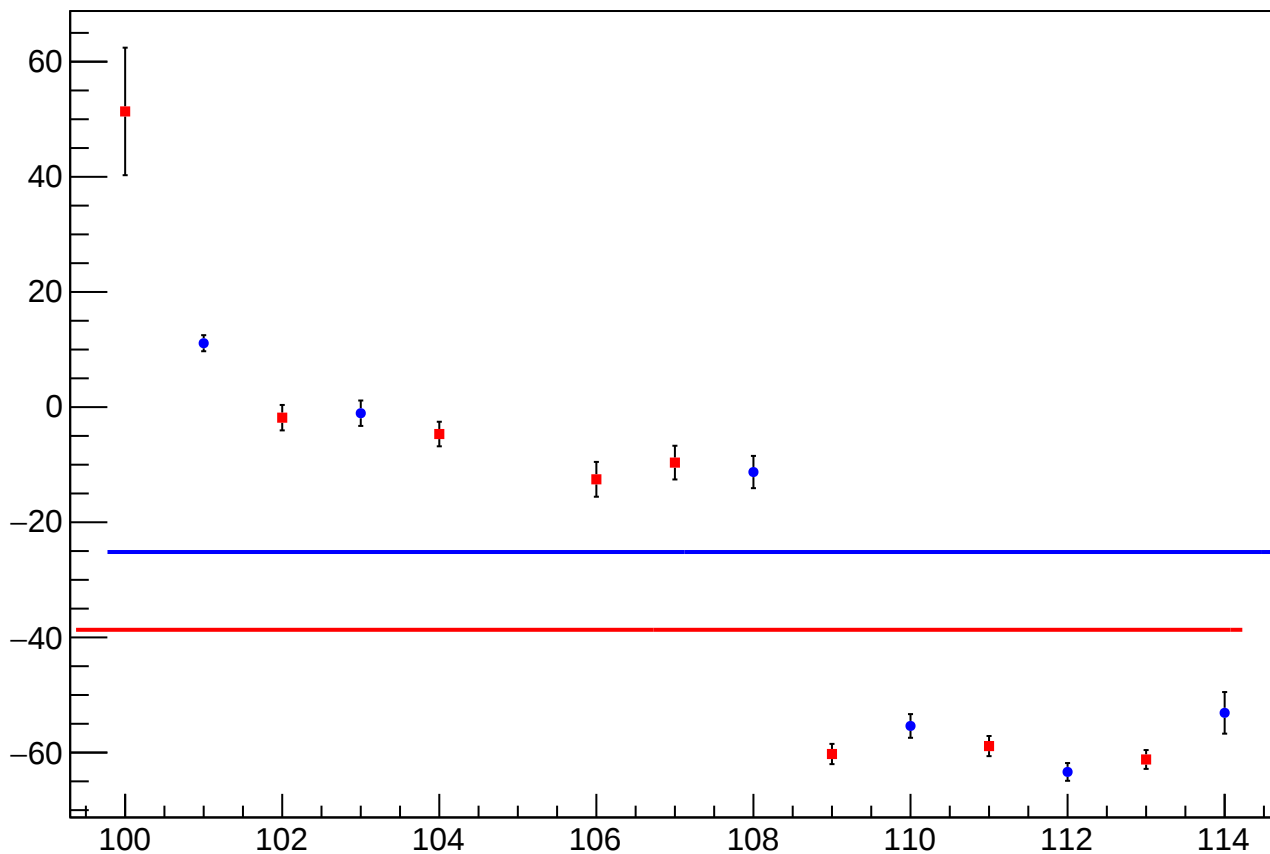
Right: -18.044 $\pm$ 0.016 χ^2 /NDF: 298333.3/13

In: -19.741 $\pm$ 0.025 χ^2 /NDF:13301.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -18.044 $\pm$ 0.016 χ^2 /NDF: 298333.3/13

reg_asym_right_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -25.166+/-0.796 χ^2/NDF : 1709.2/5

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

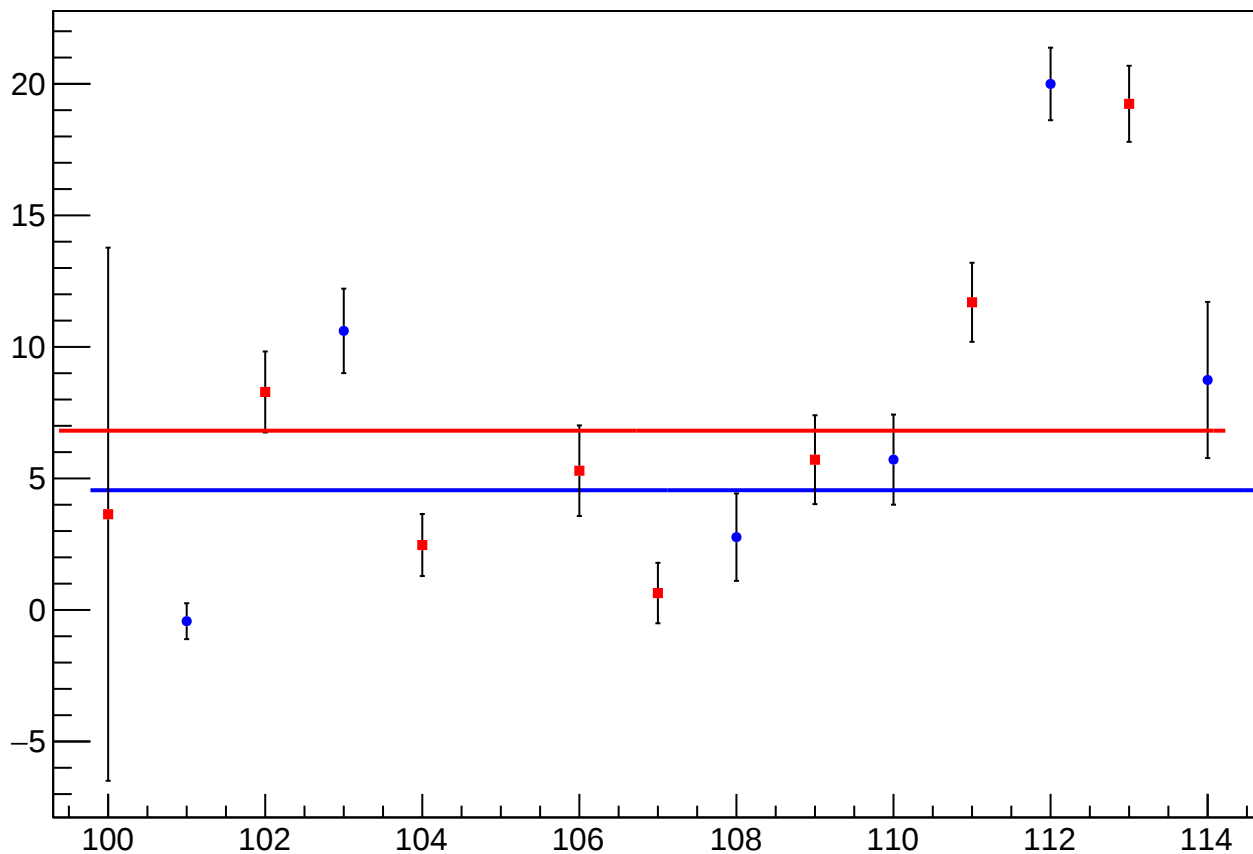
Right: -32.134+/-0.554 χ^2/NDF : 3102.7/13

In: -25.166+/-0.796 χ^2/NDF : 1709.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.134+/-0.554 χ^2/NDF : 3102.7/13

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.551+/-0.508 χ^2/NDF : 196.6/5

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

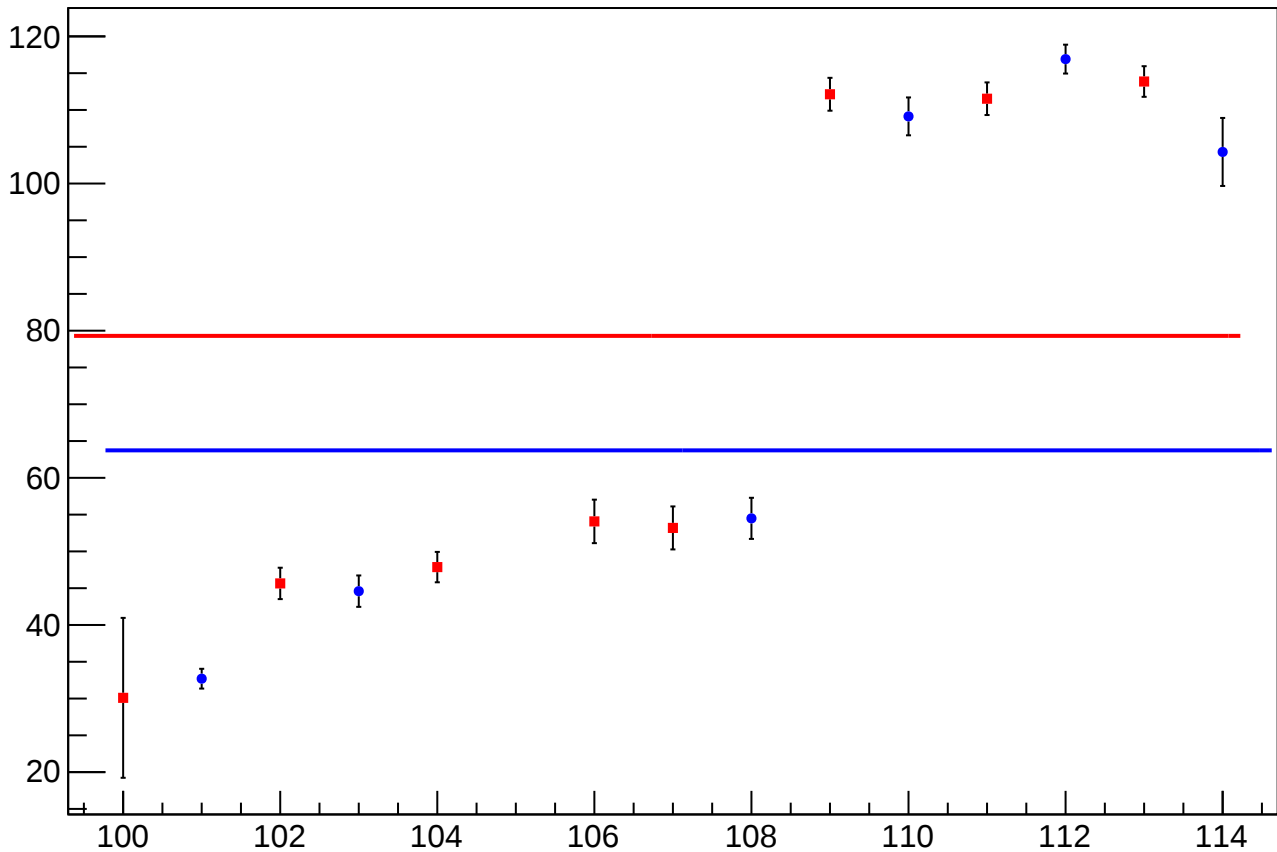
Right: 5.628+/-0.368 χ^2/NDF : 335.1/13

In: 4.551+/-0.508 χ^2/NDF : 196.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.628+/-0.368 χ^2/NDF : 335.1/13

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 63.733+/-0.858 χ^2/NDF : 1746.7/5

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

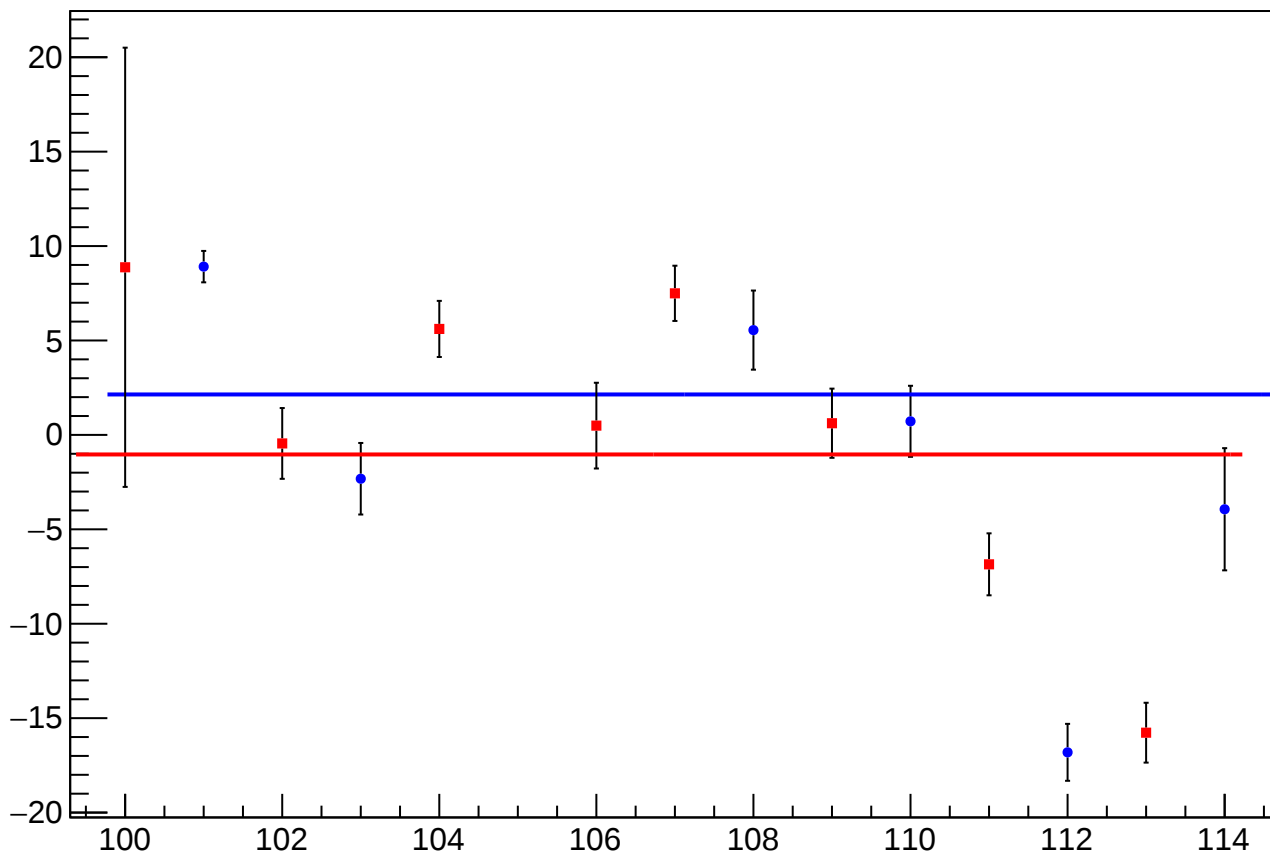
Right: 71.429+/-0.610 χ^2/NDF : 3266.5/13

In: 63.733+/-0.858 χ^2/NDF : 1746.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.429+/-0.610 χ^2/NDF : 3266.5/13

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.142 $\pm$ 0.601 χ^2 /NDF: 236.5/5

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

Right Out: -1.036 $\pm$ 0.636 χ^2 /NDF: 155.1/7

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

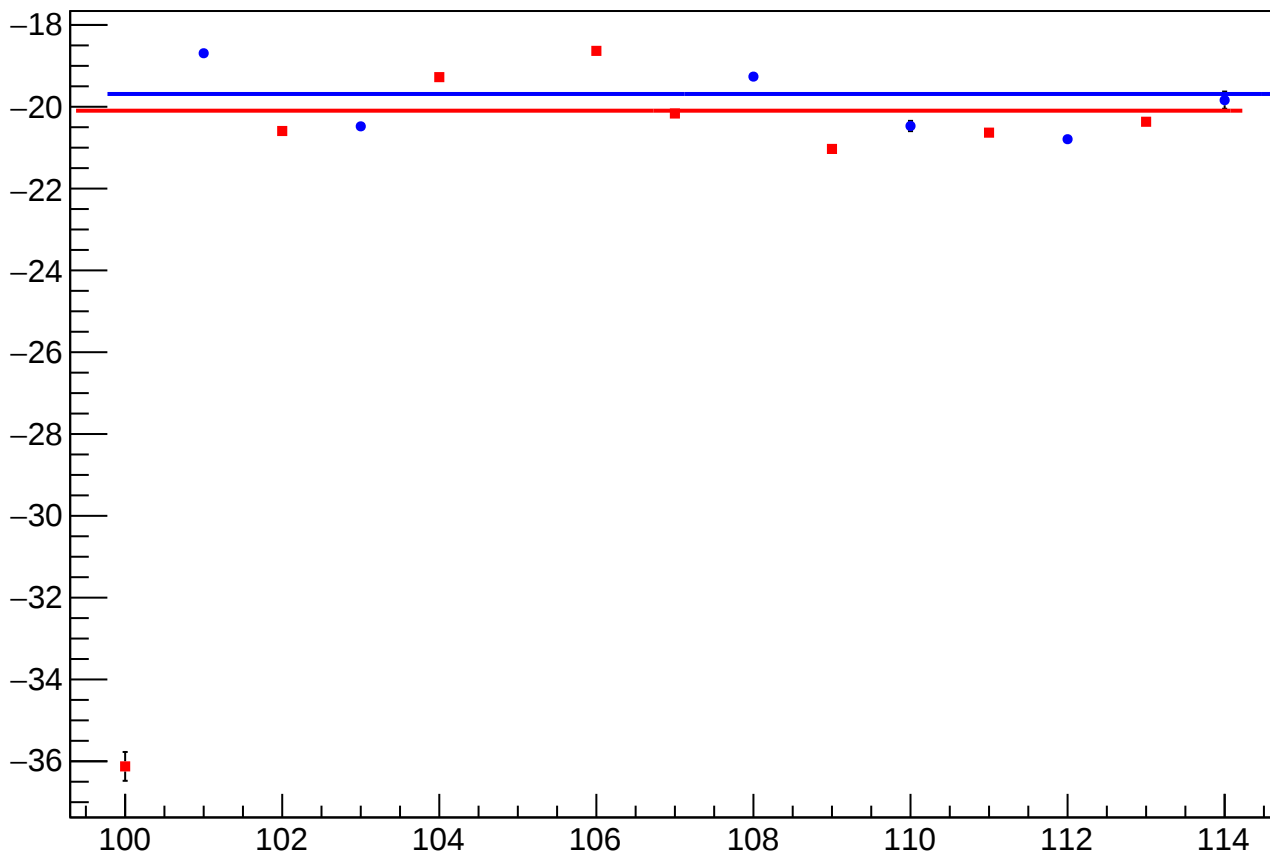
Right: 0.643 $\pm$ 0.437 χ^2 /NDF: 404.9/13

In: 2.142 $\pm$ 0.601 χ^2 /NDF:236.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.643 $\pm$ 0.437 χ^2 /NDF: 404.9/13

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.687 $\pm$ 0.028 χ^2 /NDF: 928.2/5

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

Right Out: -20.096 $\pm$ 0.026 χ^2 /NDF: 2906.2/7

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

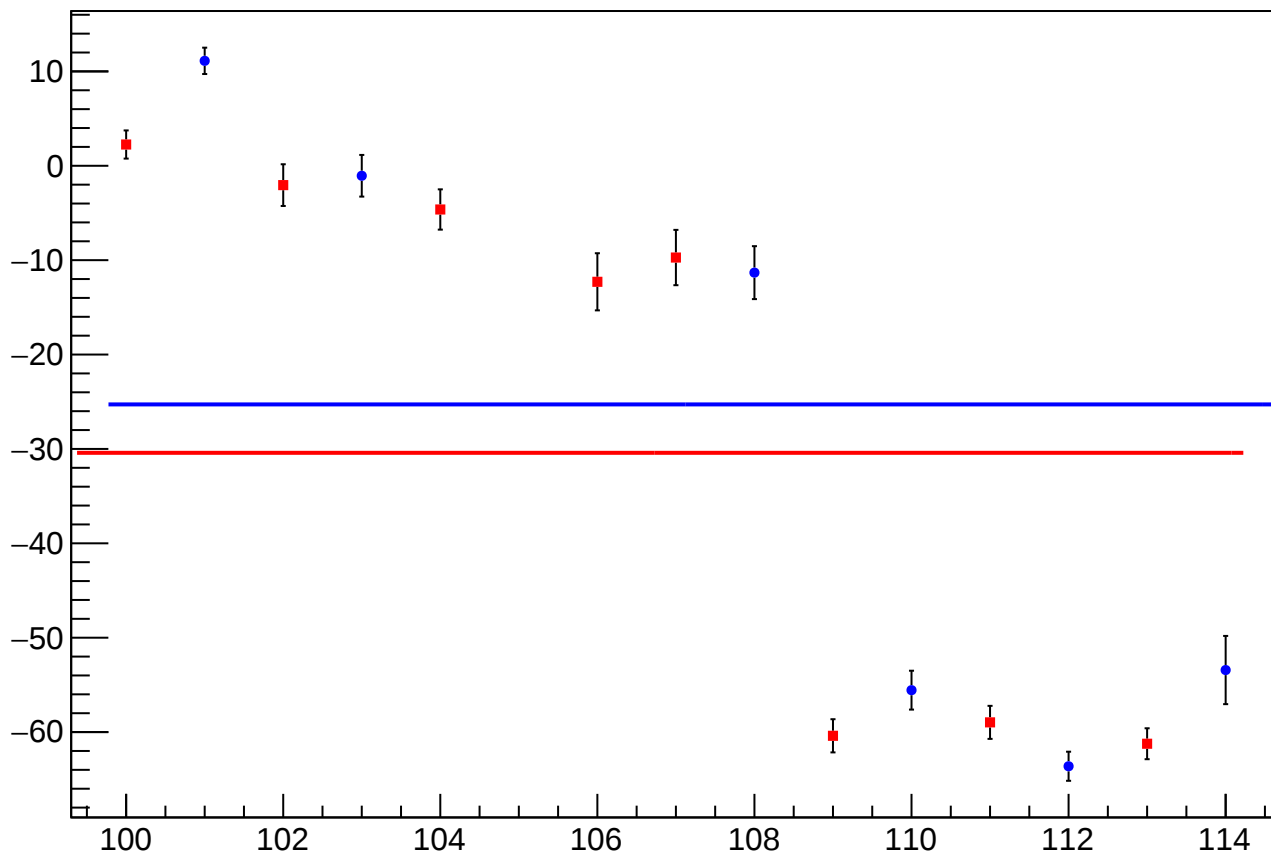
Right: -19.904 $\pm$ 0.019 χ^2 /NDF: 3950.7/13

In: -19.687 $\pm$ 0.028 χ^2 /NDF:928.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -19.904 $\pm$ 0.019 χ^2 /NDF: 3950.7/13

reg_asym_right_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -25.283 ± 0.796 χ^2/NDF : 1720.3/5

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

Right Out: -30.411 ± 0.687 χ^2/NDF : 1786.7/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

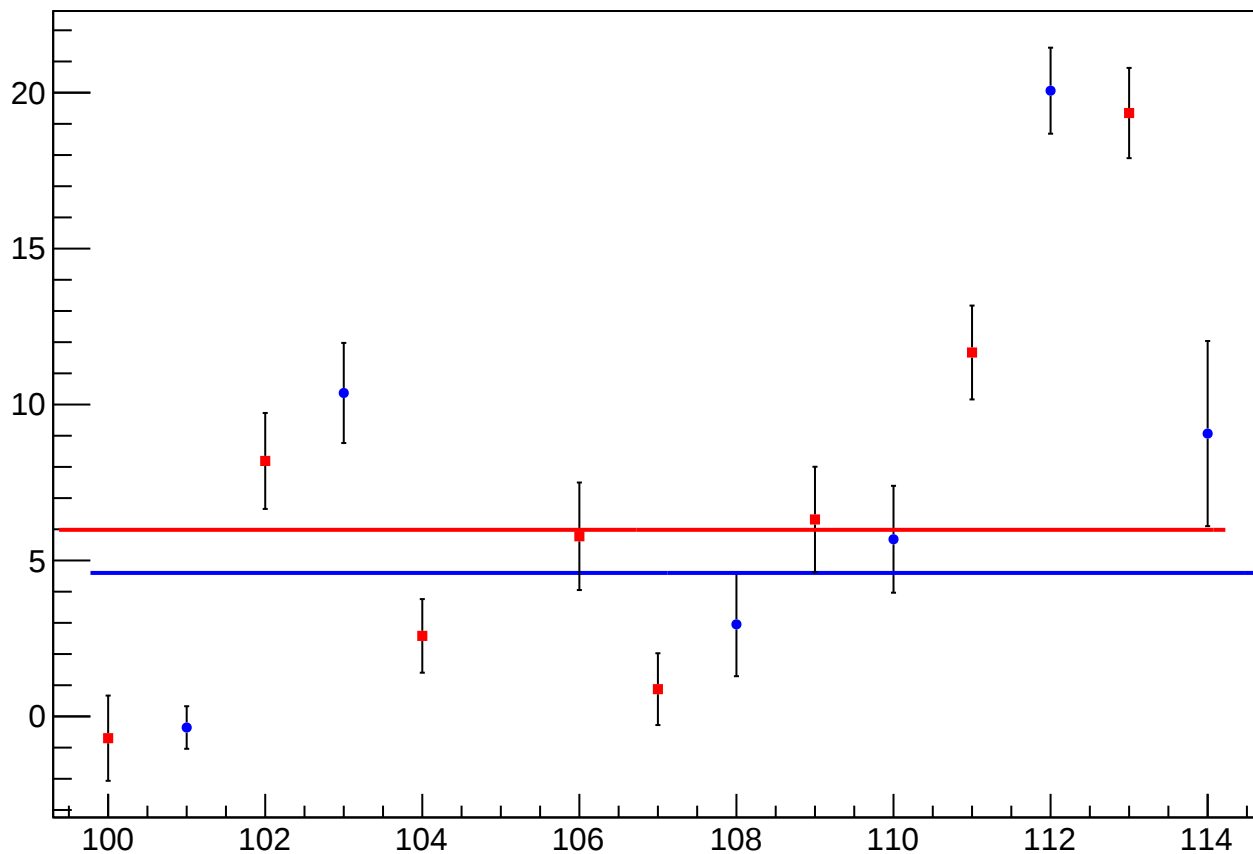
Right: -28.223 ± 0.520 χ^2/NDF : 3530.8/13

In: -25.283 ± 0.796 χ^2/NDF : 1720.3/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -28.223 ± 0.520 χ^2/NDF : 3530.8/13

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.601+/-0.508 χ^2/NDF : 195.0/5

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

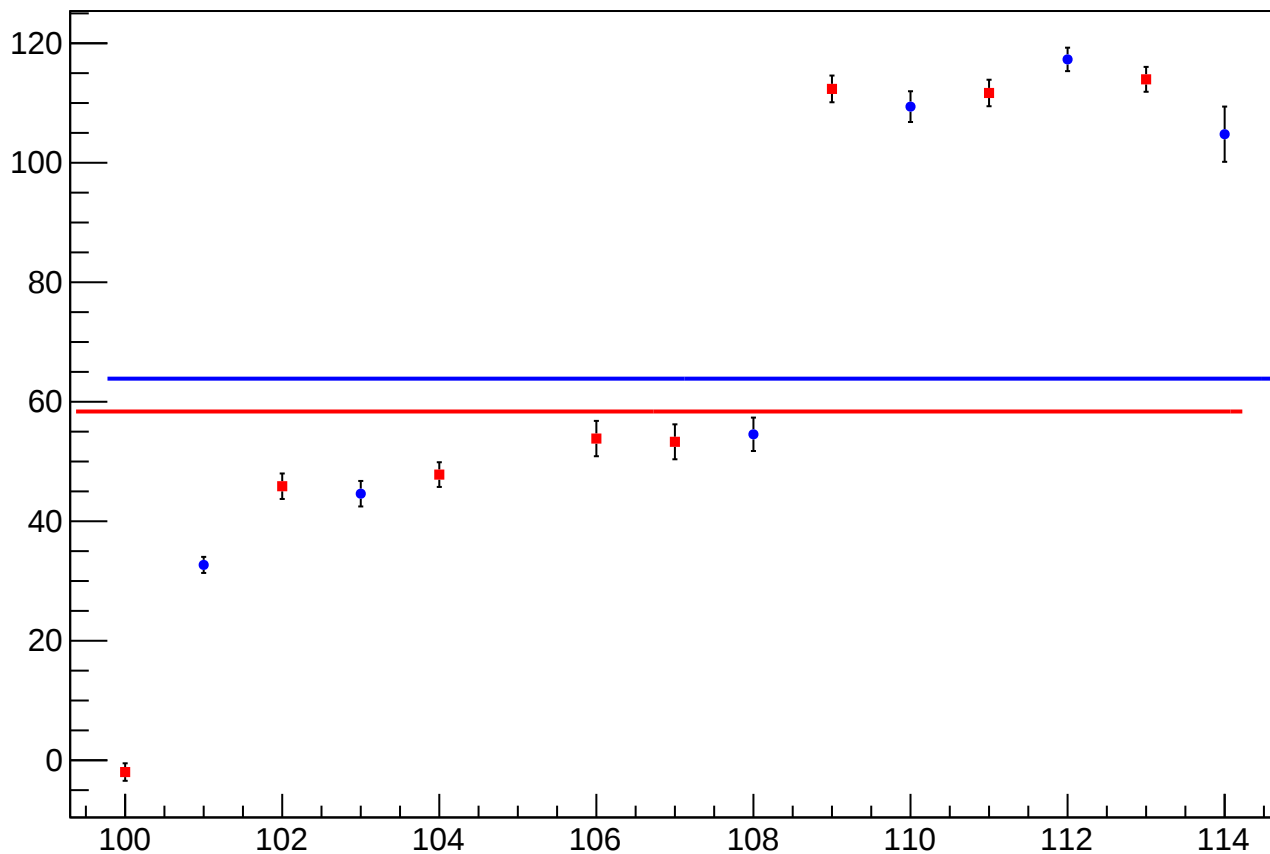
Right: 5.306+/-0.355 χ^2/NDF : 352.4/13

In: 4.601+/-0.508 χ^2/NDF : 195.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.306+/-0.355 χ^2/NDF : 352.4/13

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 63.869+/-0.858 χ^2/NDF : 1761.4/5

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

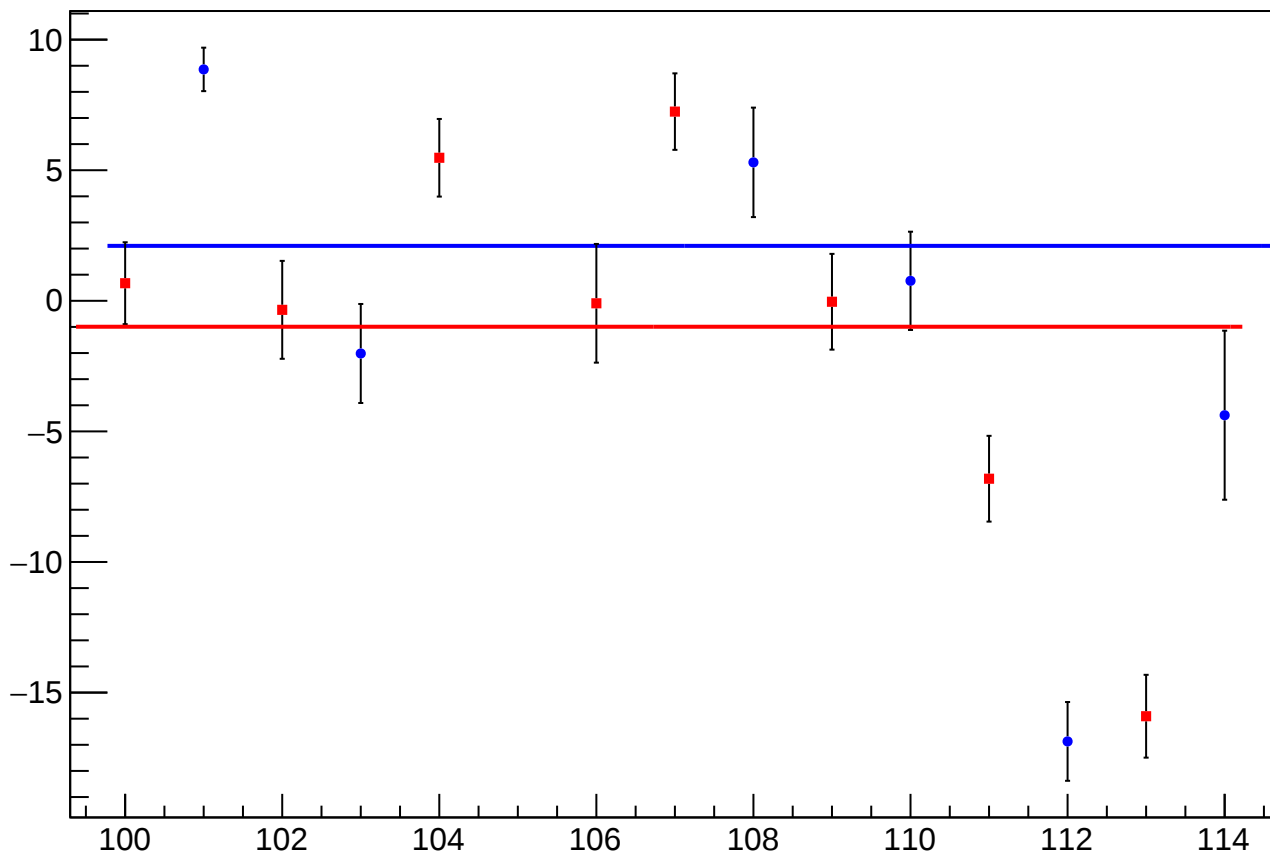
Right: 60.745+/-0.564 χ^2/NDF : 5422.0/13

In: 63.869+/-0.858 χ^2/NDF : 1761.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.745+/-0.564 χ^2/NDF : 5422.0/13

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.104 $\pm$ 0.601 χ^2 /NDF: 235.8/5

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

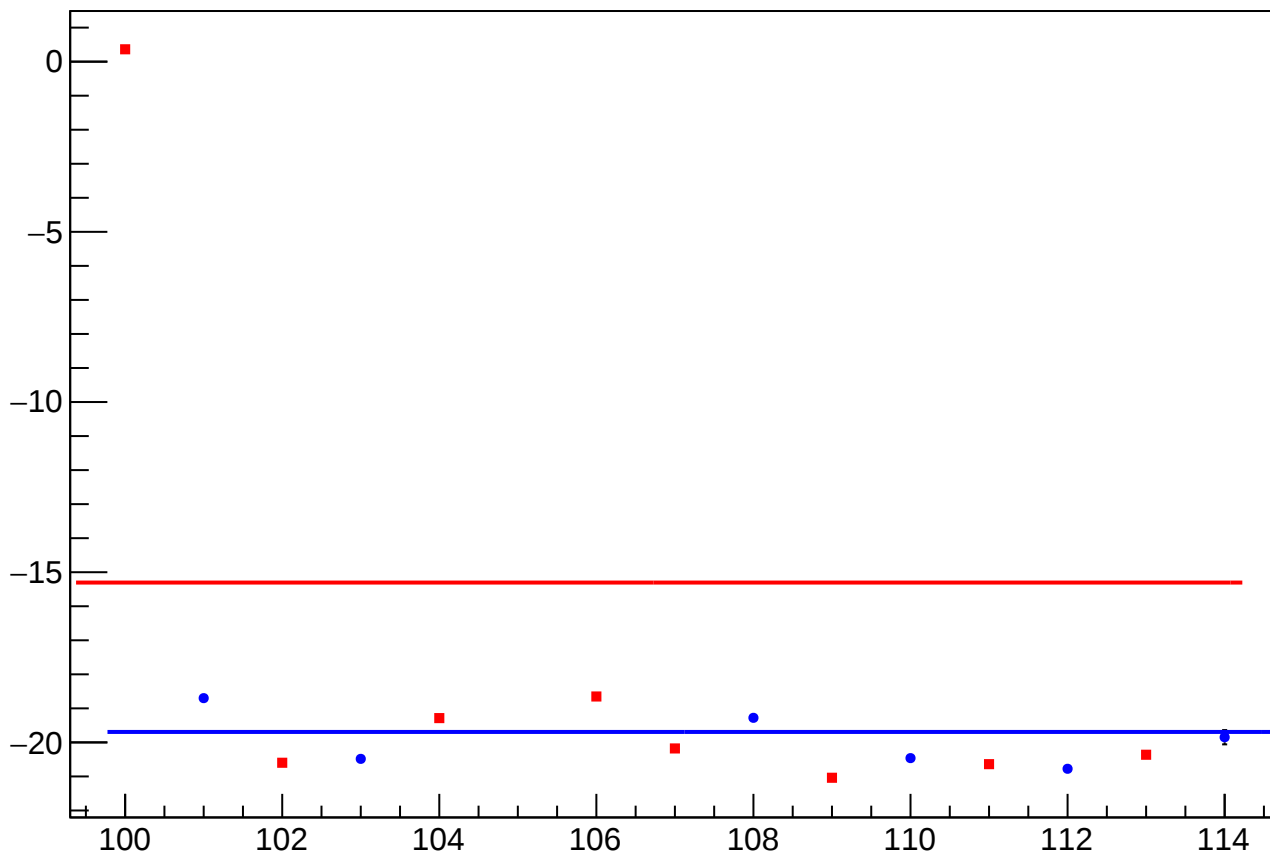
Right: 0.528 $\pm$ 0.421 χ^2 /NDF: 402.6/13

In: 2.104 $\pm$ 0.601 χ^2 /NDF:235.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.528 $\pm$ 0.421 χ^2 /NDF: 402.6/13

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.693+/-0.028 χ^2/NDF : 915.5/5

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

Right Out: -15.304+/-0.023 χ^2/NDF : 142270.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

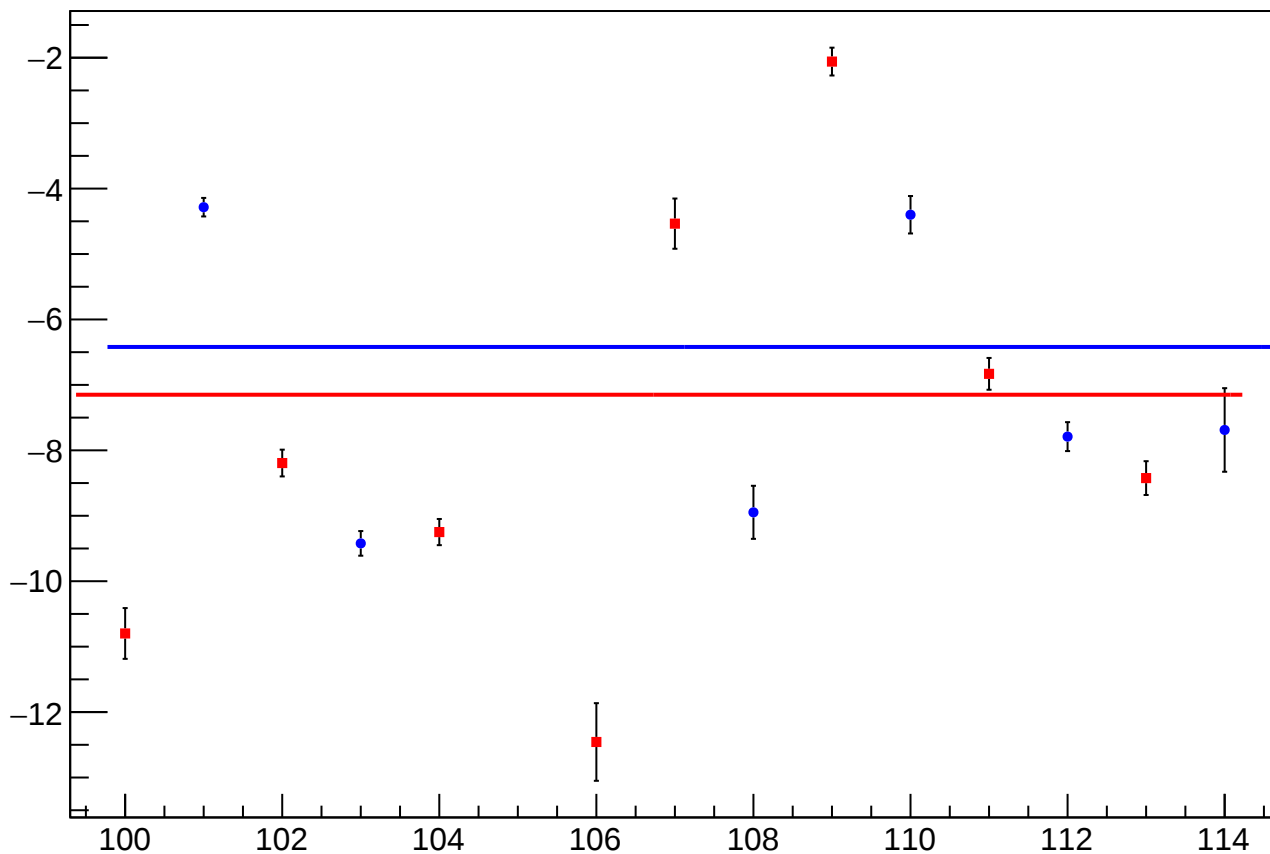
Right: -17.091+/-0.018 χ^2/NDF : 158211.6/13

In: -19.693+/-0.028 χ^2/NDF : 915.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.091+/-0.018 χ^2/NDF : 158211.6/13

reg_asym_sam_15_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -6.420+/-0.092 χ^2 /NDF: 612.7/5

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

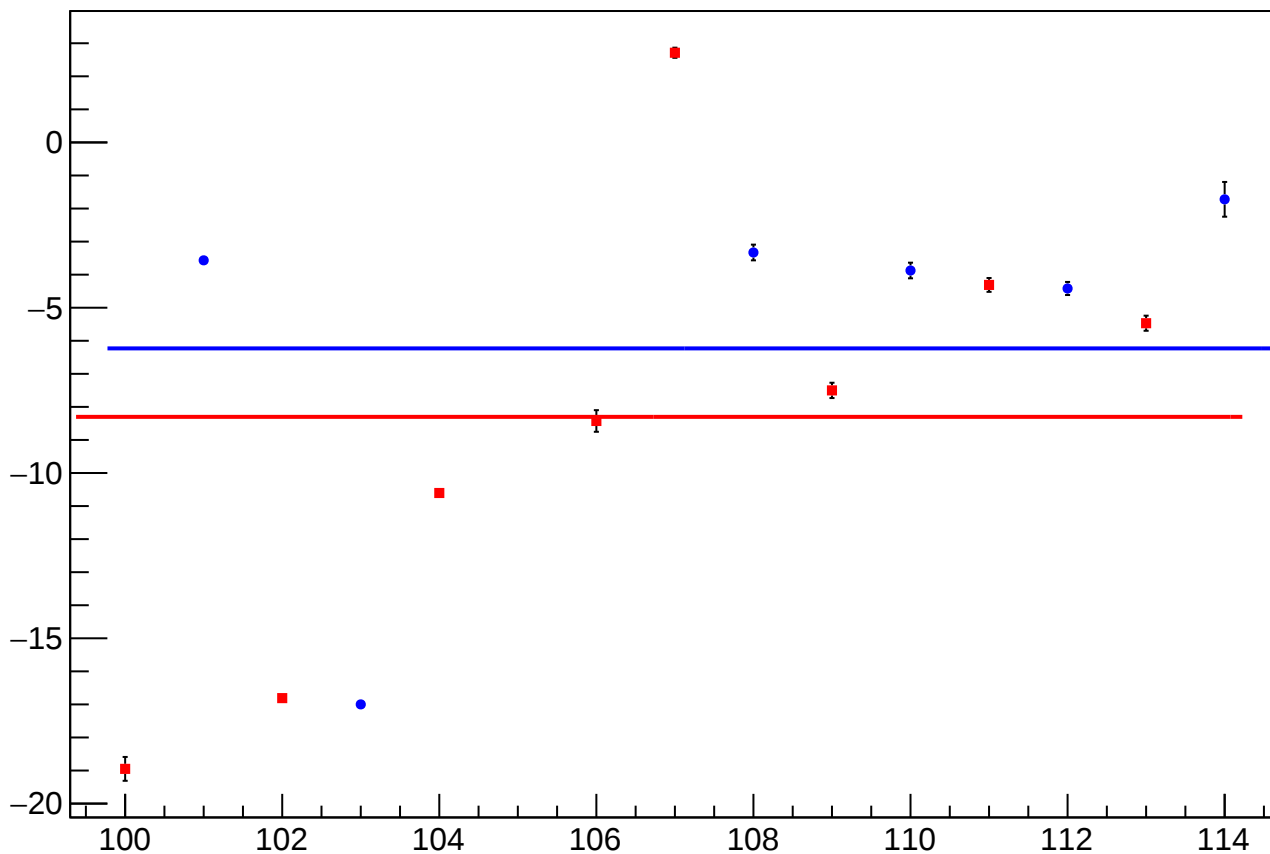
Right: -6.785+/-0.065 χ^2 /NDF: 1594.9/13

In: -6.420+/-0.092 χ^2 /NDF:612.7/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -6.785+/-0.065 χ^2 /NDF: 1594.9/13

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.231+/-0.059 χ^2/NDF : 7930.6/5

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

Right Out: -8.301+/-0.065 χ^2/NDF : 10253.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

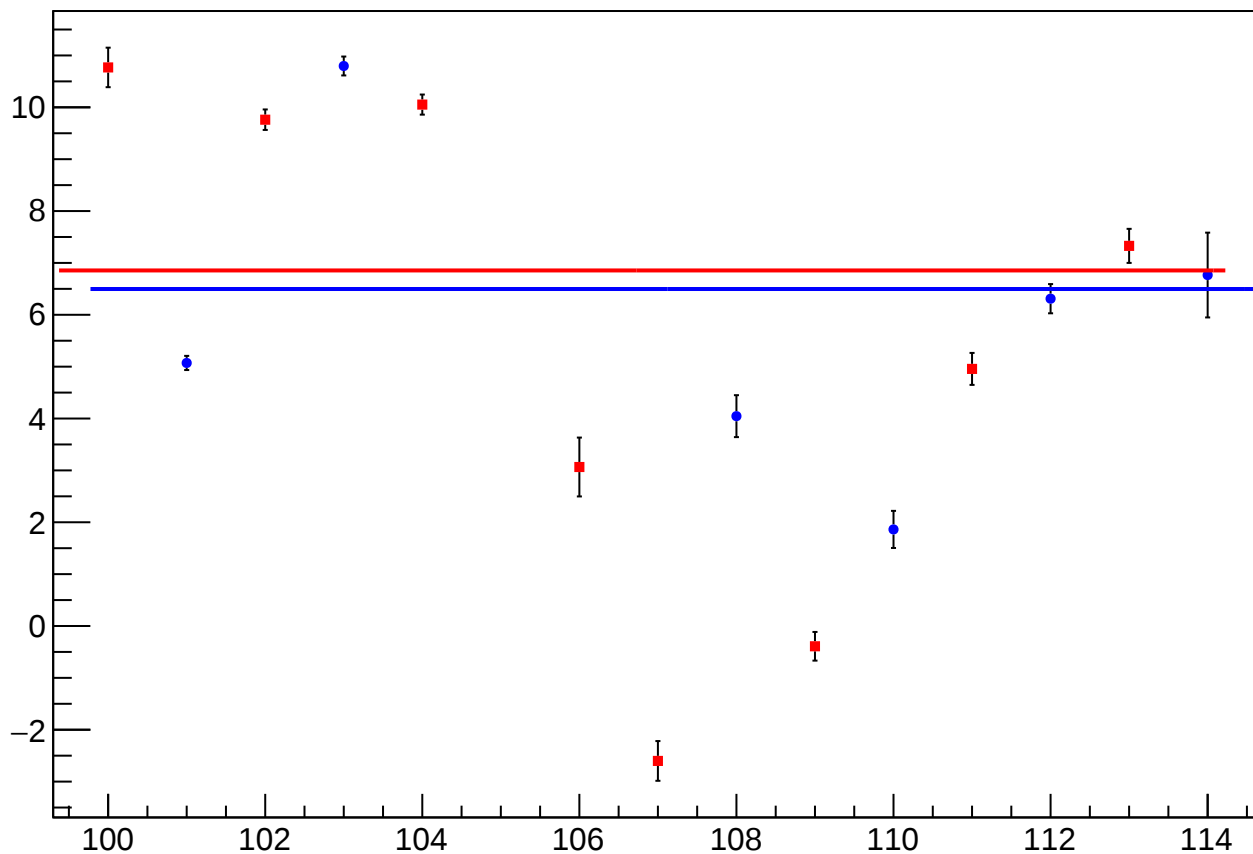
Right: -7.166+/-0.044 χ^2/NDF : 18732.2/13

In: -6.231+/-0.059 χ^2/NDF : 7930.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.166+/-0.044 χ^2/NDF : 18732.2/13

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.497 $\pm$ 0.095 χ^2 /NDF: 871.6/5

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

Right Out: 6.855 $\pm$ 0.099 χ^2 /NDF: 1975.9/7

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

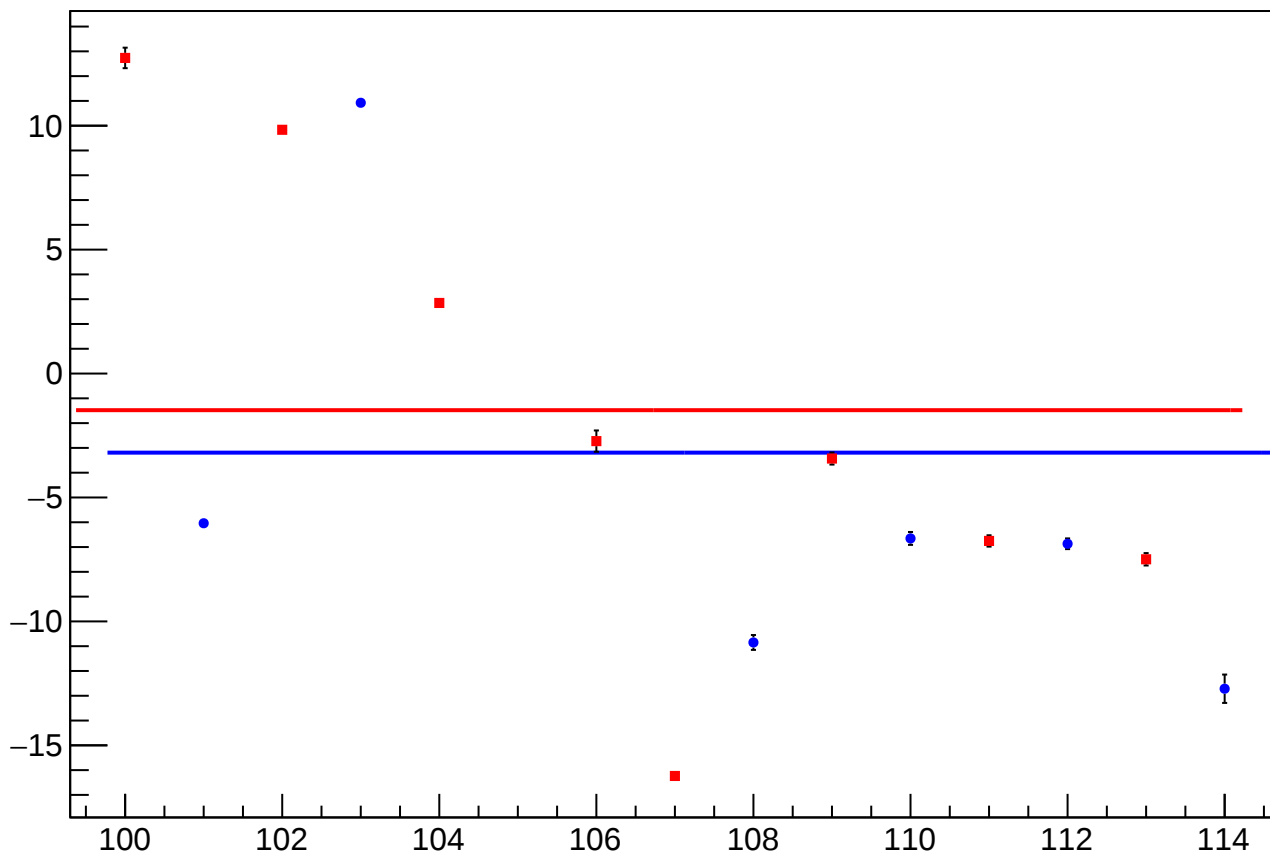
Right: 6.668 $\pm$ 0.068 χ^2 /NDF: 2854.3/13

In: 6.497 $\pm$ 0.095 χ^2 /NDF:871.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 6.668 $\pm$ 0.068 χ^2 /NDF: 2854.3/13

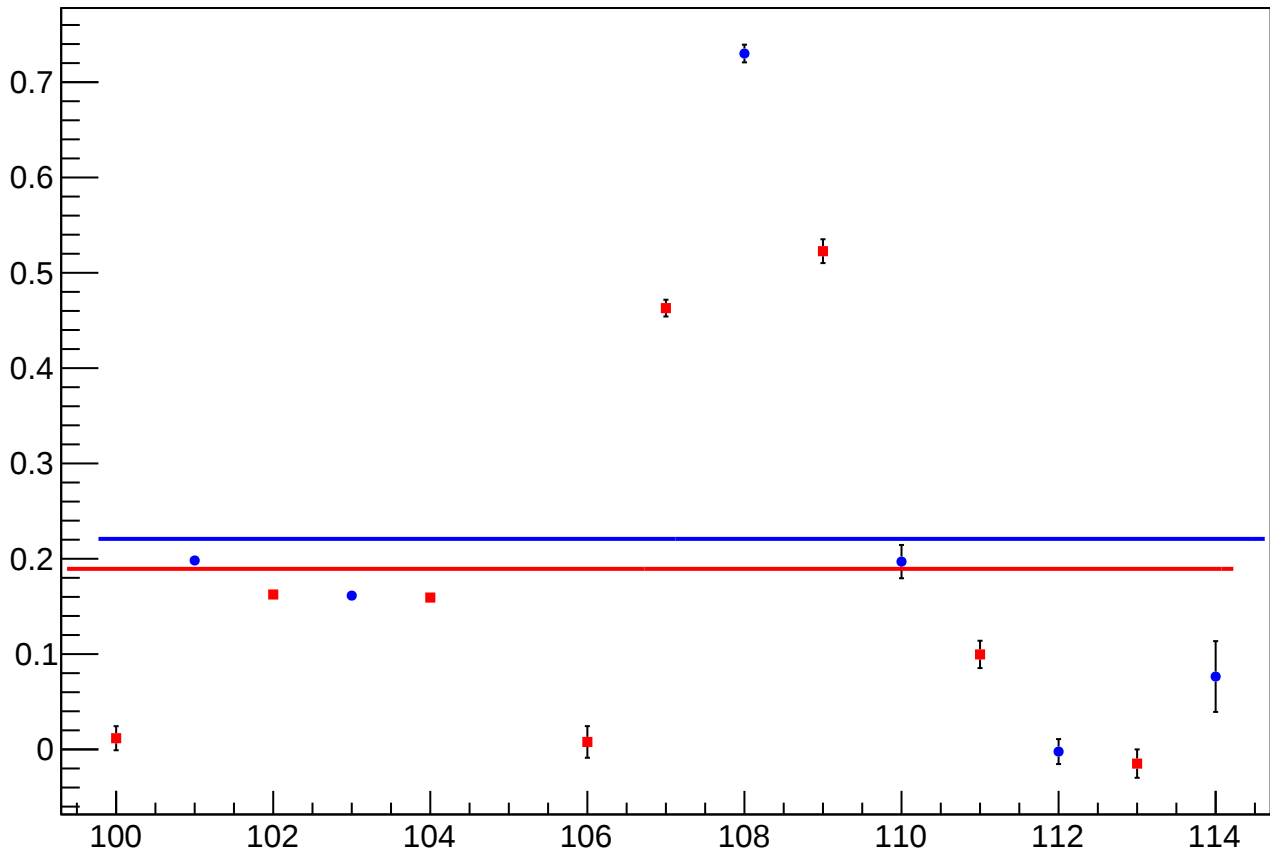
reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -3.191+/-0.071 χ^2/NDF : 10148.4/5
 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: -2.418+/-0.052 χ^2/NDF : 23350.7/13
 In: -3.191+/-0.071 χ^2/NDF :10148.4/5
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -2.418+/-0.052 χ^2/NDF : 23350.7/13

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.221+/-0.003 χ^2/NDF : 3545.7/5

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

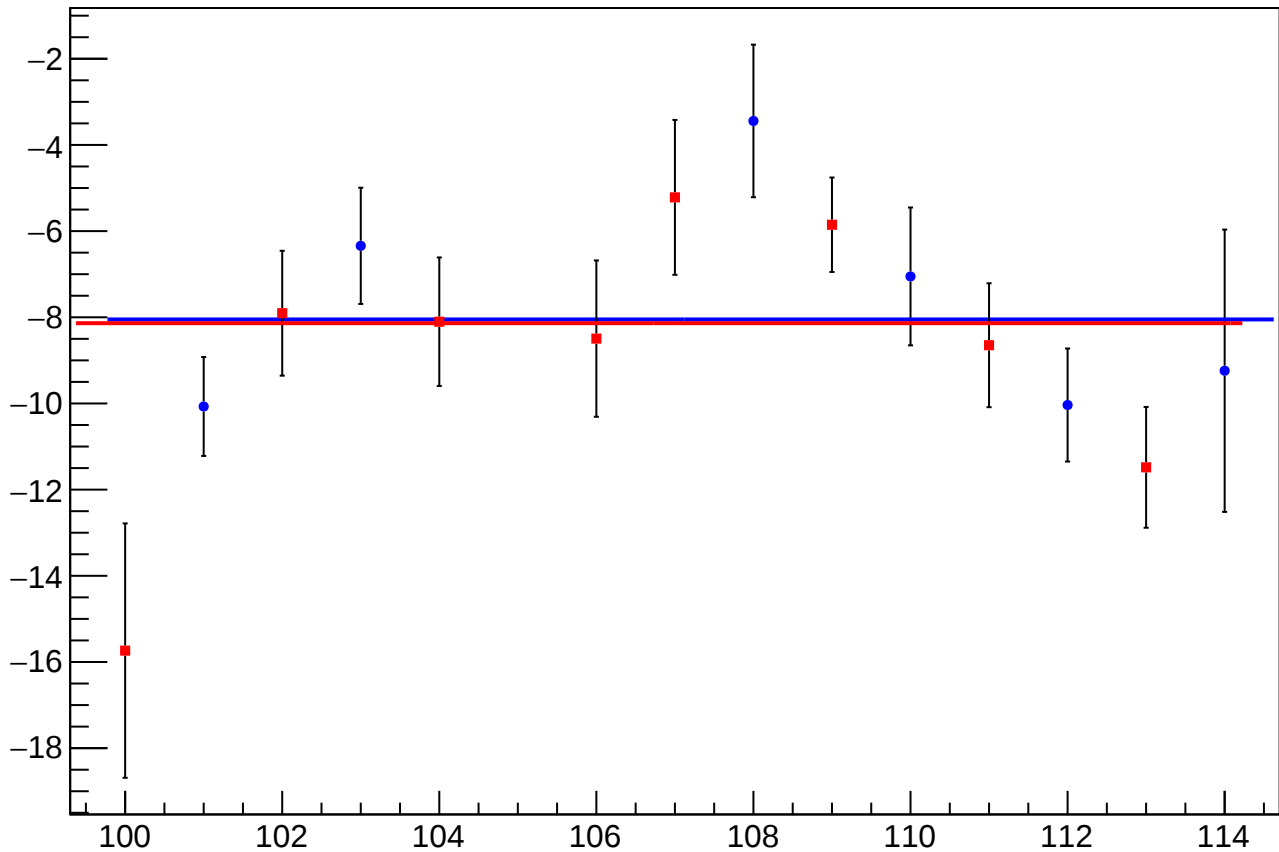
Right: 0.205+/-0.002 χ^2/NDF : 5898.8/13

In: 0.221+/-0.003 χ^2/NDF : 3545.7/5

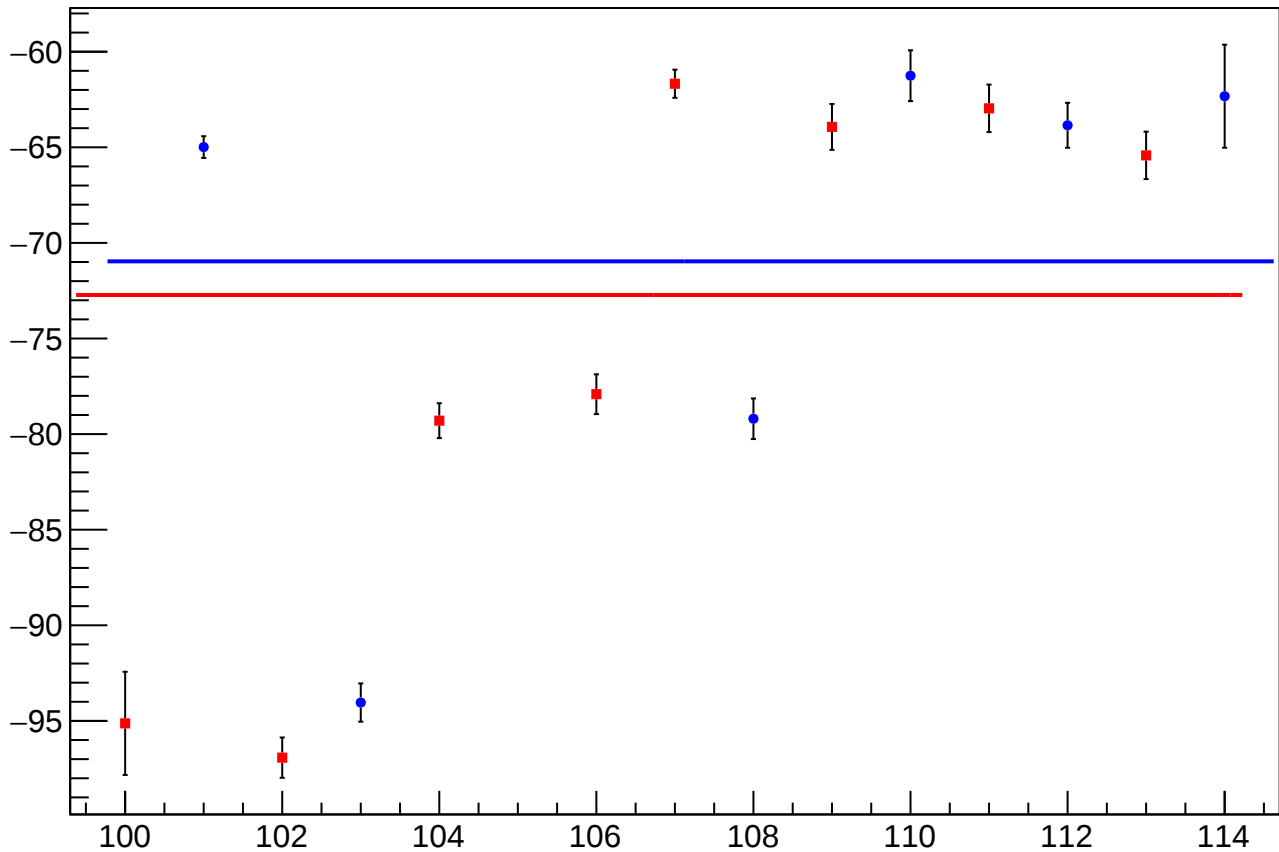
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.205+/-0.002 χ^2/NDF : 5898.8/13

reg_asym_sam_15_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -70.964 $\pm$ 0.395 χ^2 /NDF: 803.8/5

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

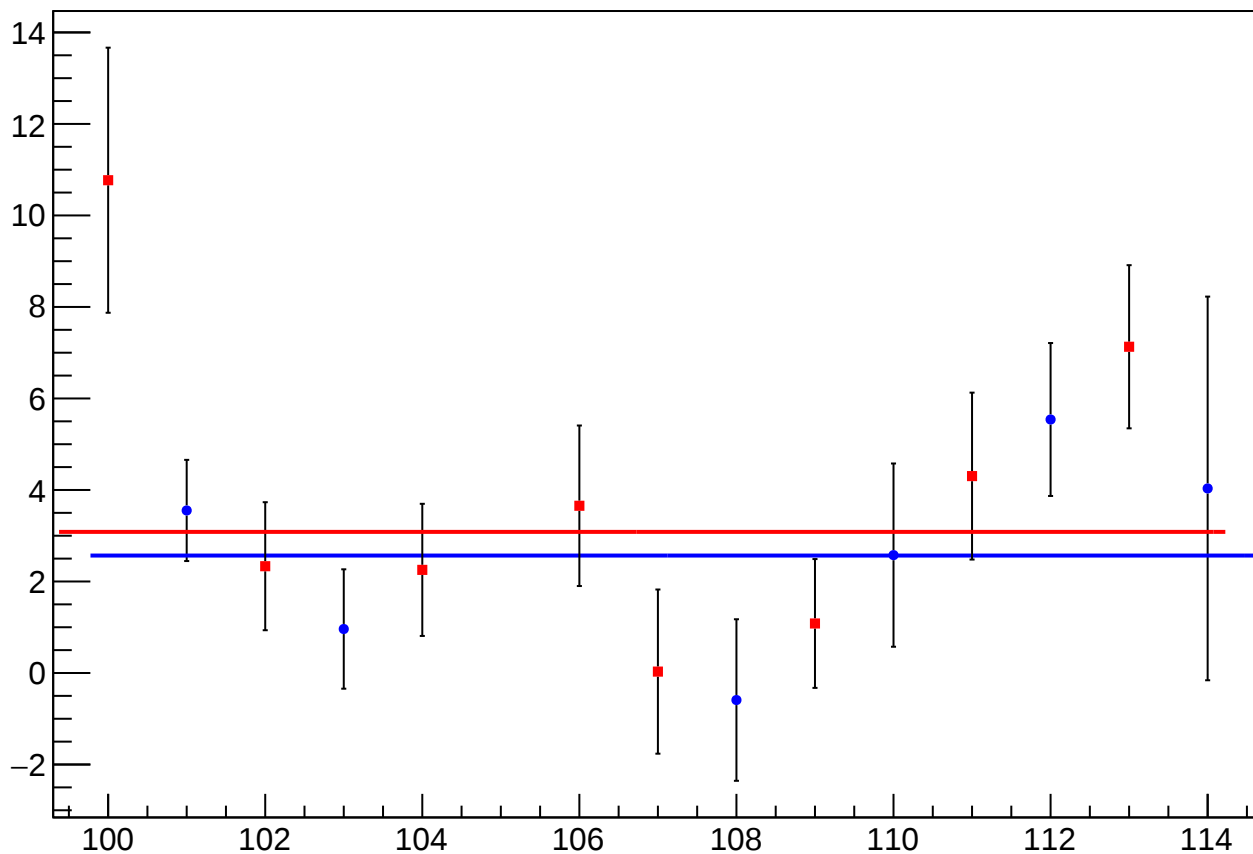
Right: -71.883 $\pm$ 0.273 χ^2 /NDF: 1862.6/13

In: -70.964 $\pm$ 0.395 χ^2 /NDF:803.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -71.883 $\pm$ 0.273 χ^2 /NDF: 1862.6/13

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.567 $\pm$ 0.647 χ^2 /NDF: 8.8/5

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

Right Out: 3.084 $\pm$ 0.591 χ^2 /NDF: 18.3/7

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

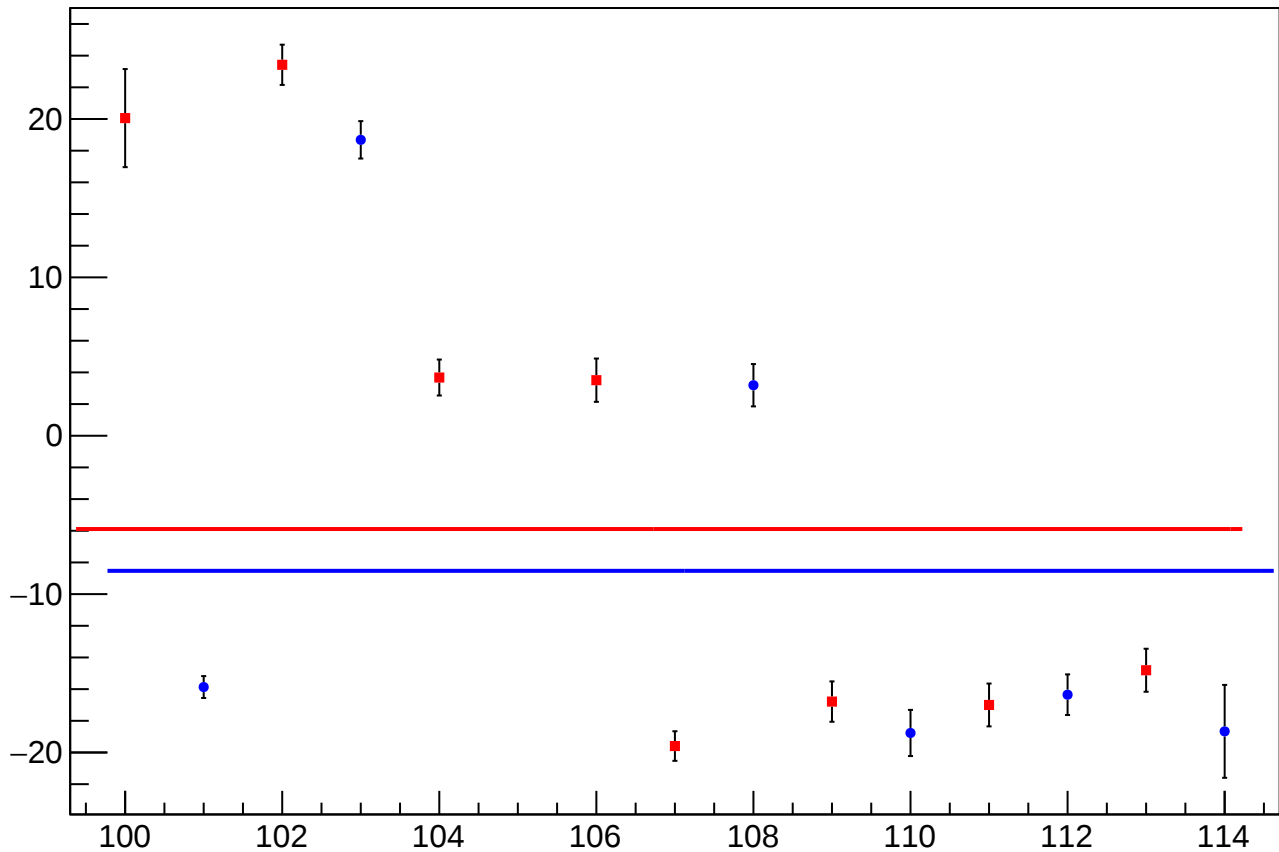
Right: 2.849 $\pm$ 0.436 χ^2 /NDF: 27.4/13

In: 2.567 $\pm$ 0.647 χ^2 /NDF: 8.8/5

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

All: 2.849 $\pm$ 0.436 χ^2 /NDF: 27.4/13

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -8.530+/-0.468 χ^2/NDF : 819.0/5

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

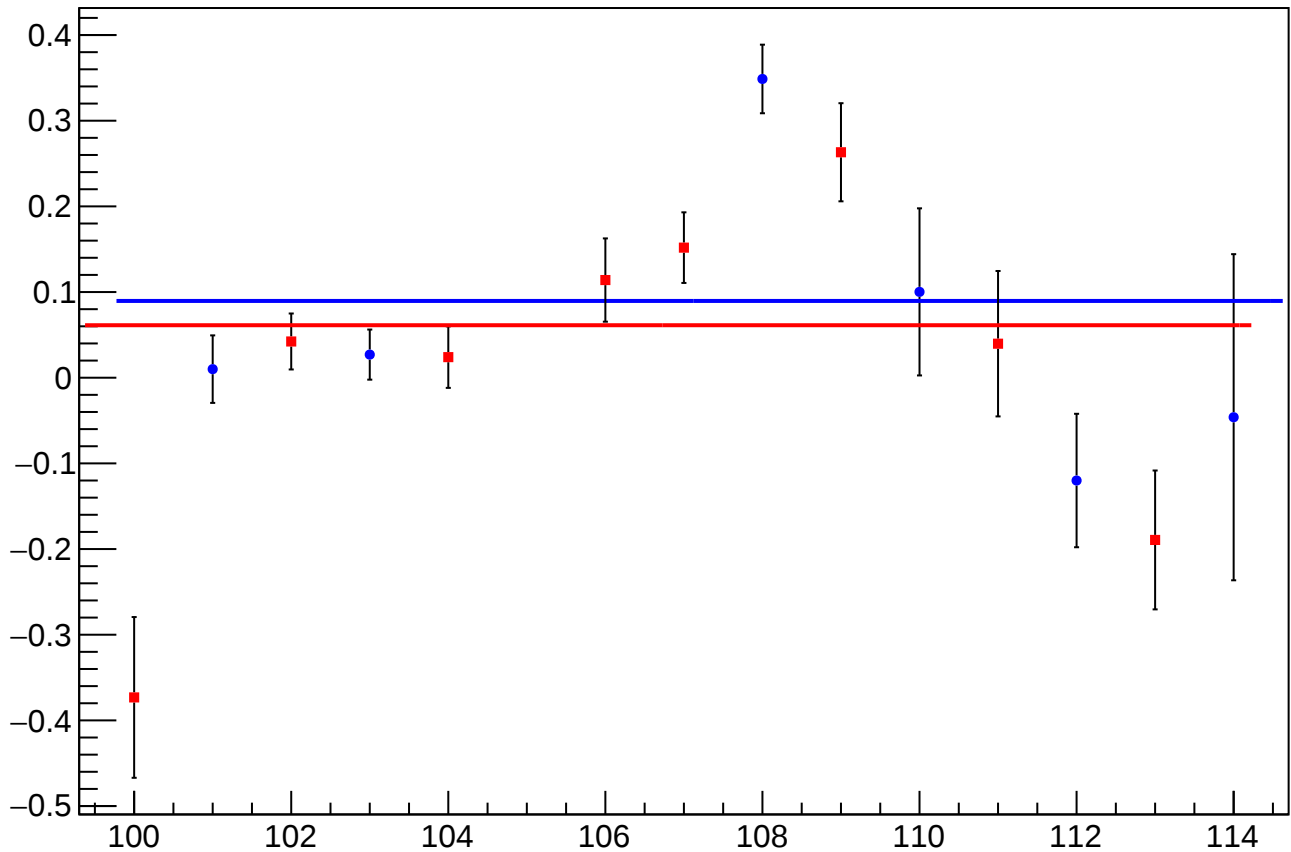
Right: -7.165+/-0.325 χ^2/NDF : 1954.7/13

In: -8.530+/-0.468 χ^2/NDF : 819.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.165+/-0.325 χ^2/NDF : 1954.7/13

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 $\pm$ 0.019 χ^2 /NDF: 58.3/5

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

Right Out: 0.061 $\pm$ 0.017 χ^2 /NDF: 50.9/7

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

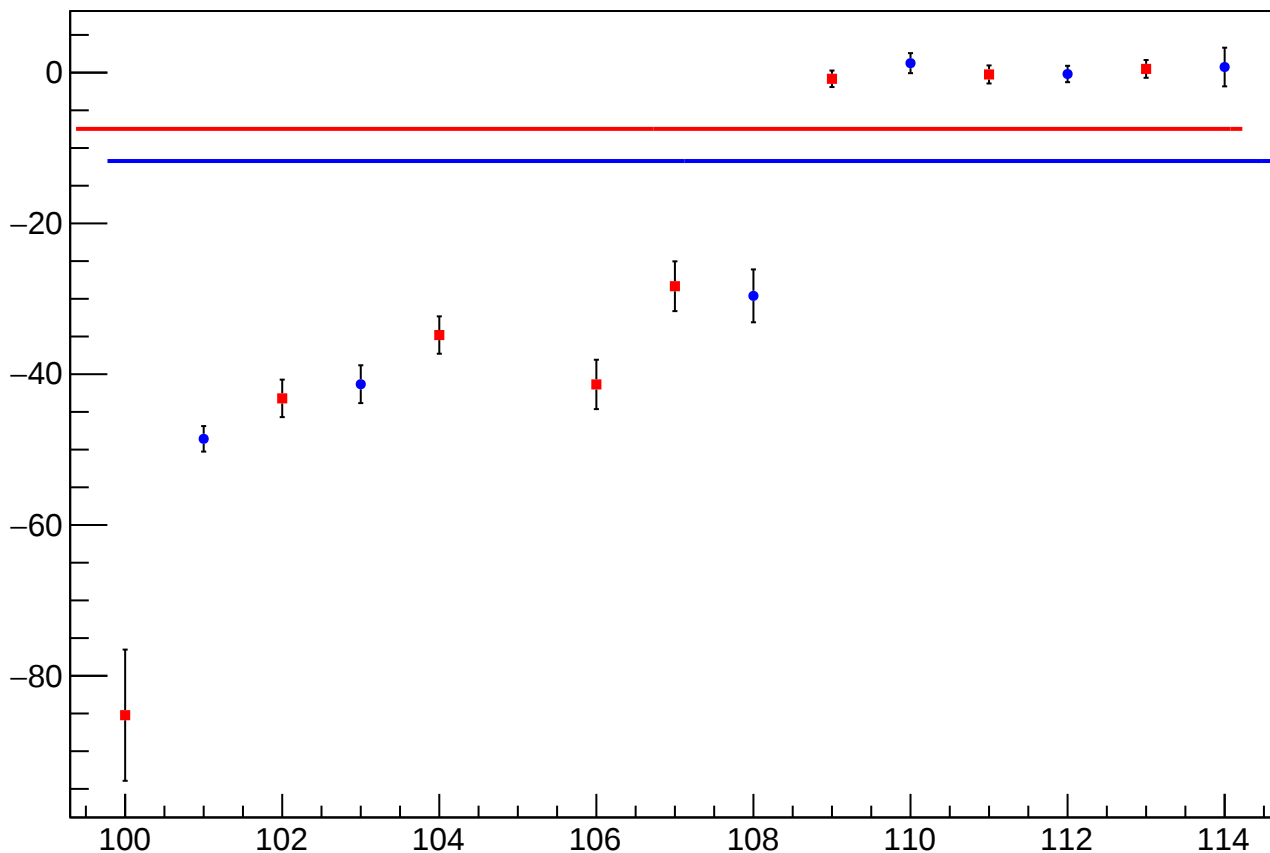
Right: 0.074 $\pm$ 0.013 χ^2 /NDF: 110.5/13

In: 0.090 $\pm$ 0.019 χ^2 /NDF:58.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.074 $\pm$ 0.013 χ^2 /NDF: 110.5/13

reg_asym_sam_37_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -11.725+/-0.681 χ^2/NDF : 870.8/5

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

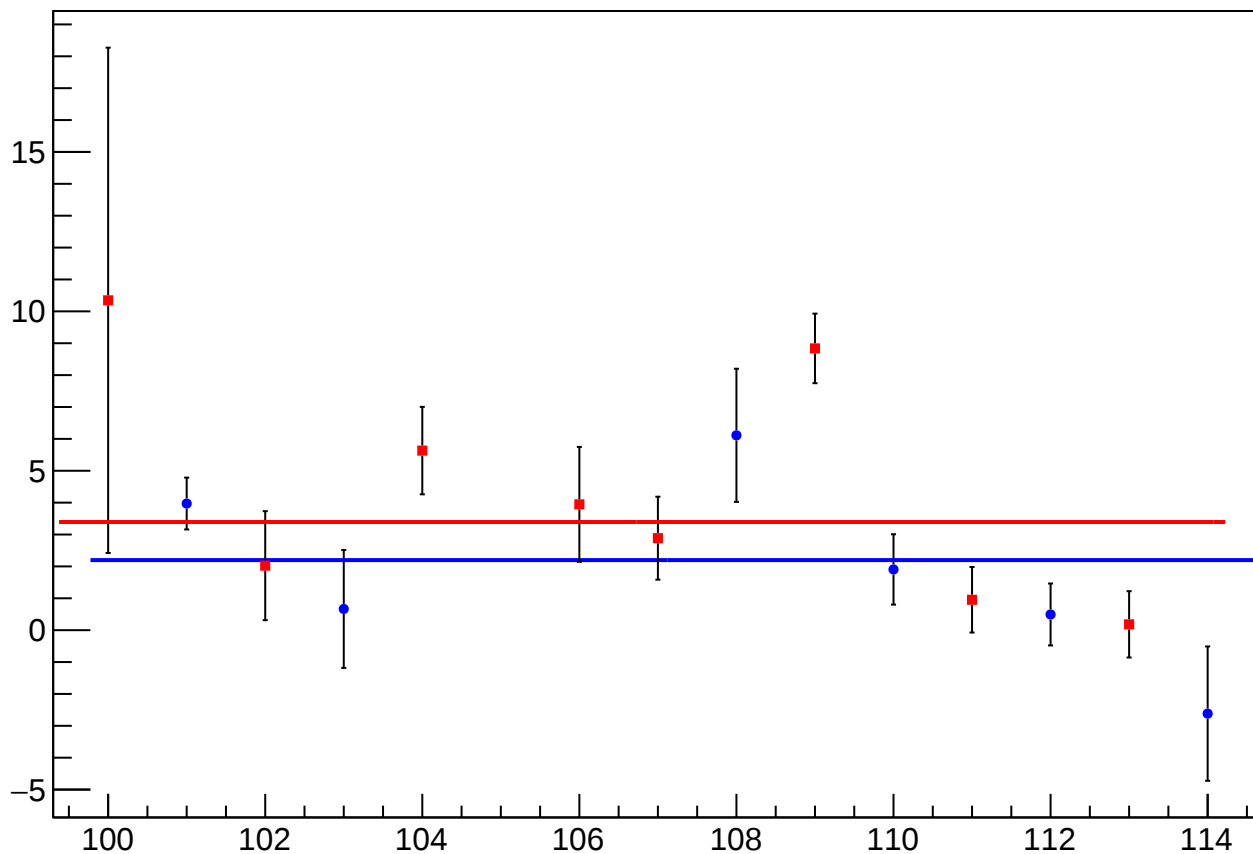
Right: -9.322+/-0.450 χ^2/NDF : 1567.5/13

In: -11.725+/-0.681 χ^2/NDF : 870.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.322+/-0.450 χ^2/NDF : 1567.5/13

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.198 $\pm$ 0.491 χ^2 /NDF: 17.3/5

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

Right Out: 3.393 $\pm$ 0.471 χ^2 /NDF: 44.4/7

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

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

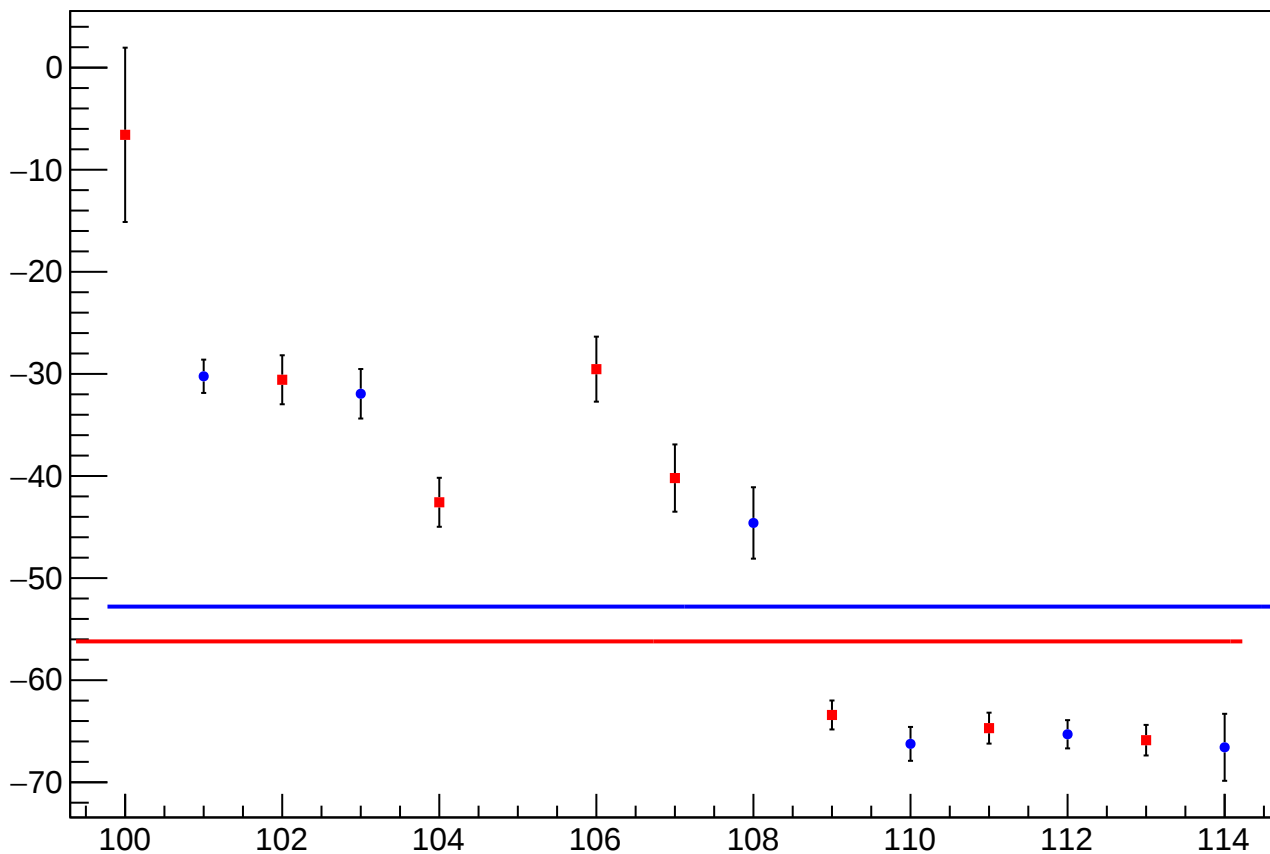
Right: 2.820 $\pm$ 0.340 χ^2 /NDF: 64.8/13

In: 2.198 $\pm$ 0.491 χ^2 /NDF: 17.3/5

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

All: 2.820 $\pm$ 0.340 χ^2 /NDF: 64.8/13

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.792 $\pm$ 0.789 χ^2 /NDF: 435.6/5

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

Right Out: -56.201 $\pm$ 0.720 χ^2 /NDF: 372.9/7

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

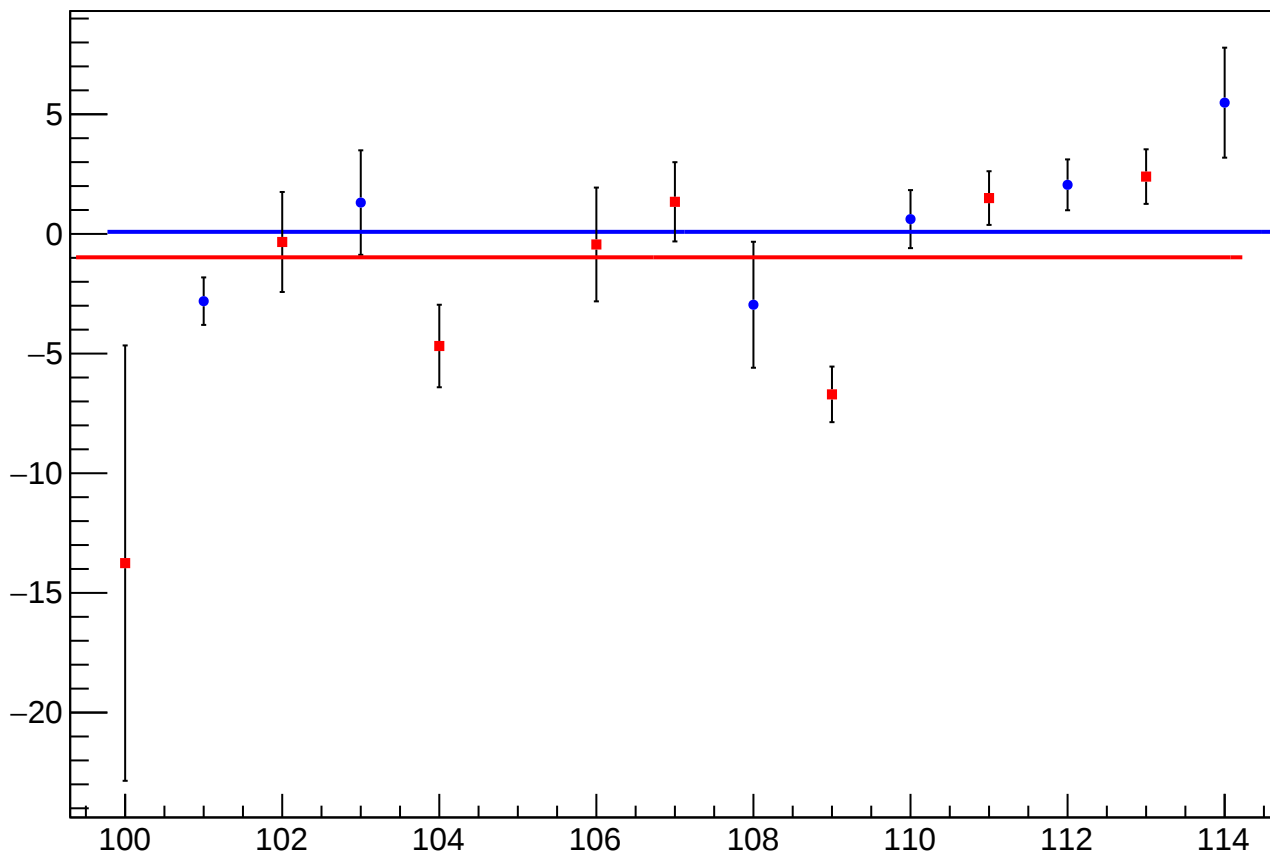
Right: -54.653 $\pm$ 0.532 χ^2 /NDF: 818.7/13

In: -52.792 $\pm$ 0.789 χ^2 /NDF:435.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -54.653 $\pm$ 0.532 χ^2 /NDF: 818.7/13

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.087 ± 0.566 χ^2/NDF : 19.3/5

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

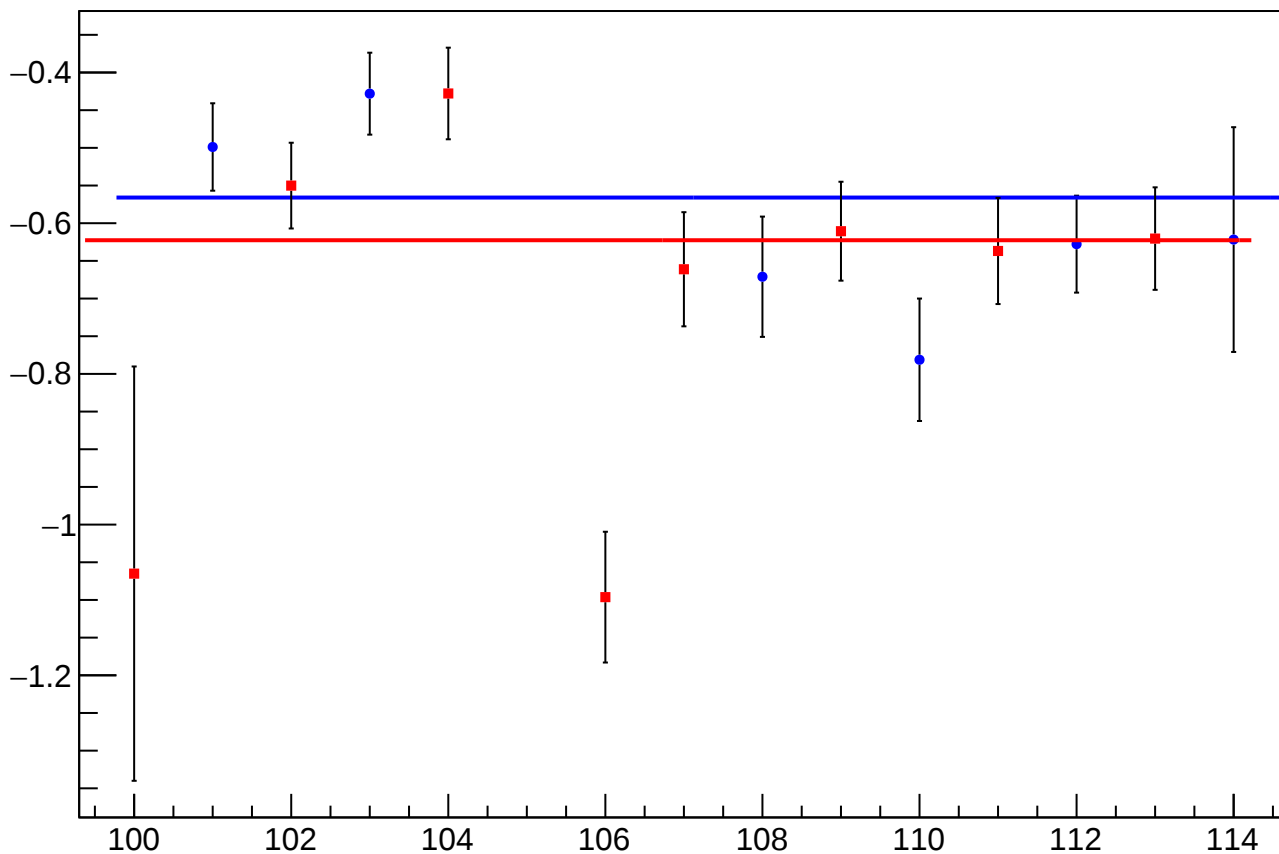
Right: -0.469 ± 0.391 χ^2/NDF : 67.8/13

In: 0.087 ± 0.566 χ^2/NDF : 19.3/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.469 ± 0.391 χ^2/NDF : 67.8/13

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.566+/-0.029 χ^2/NDF : 17.6/5

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

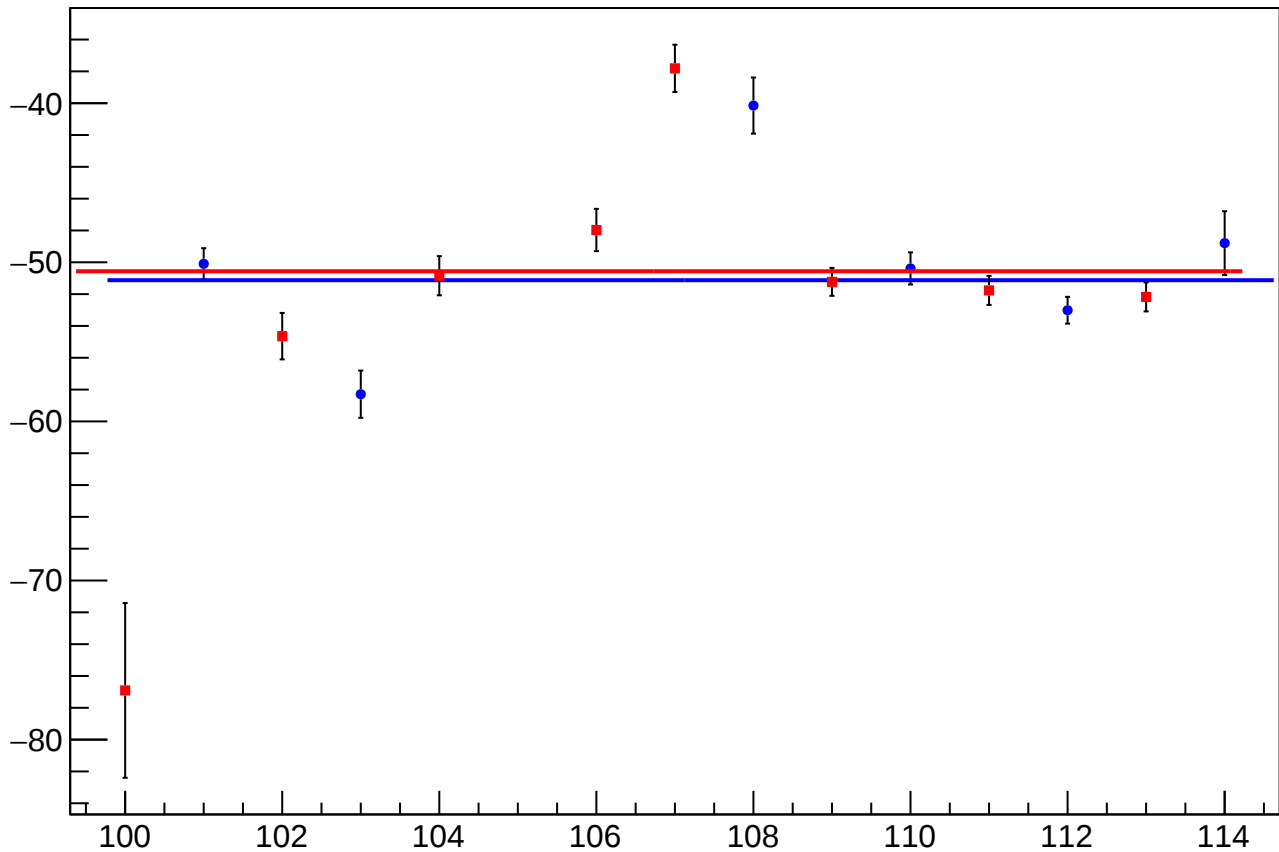
Right: -0.598+/-0.019 χ^2/NDF : 64.4/13

In: -0.566+/-0.029 χ^2/NDF : 17.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.598+/-0.019 χ^2/NDF : 64.4/13

reg_asym_sam_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -51.126 $\pm$ 0.474 χ^2 /NDF: 70.1/5

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

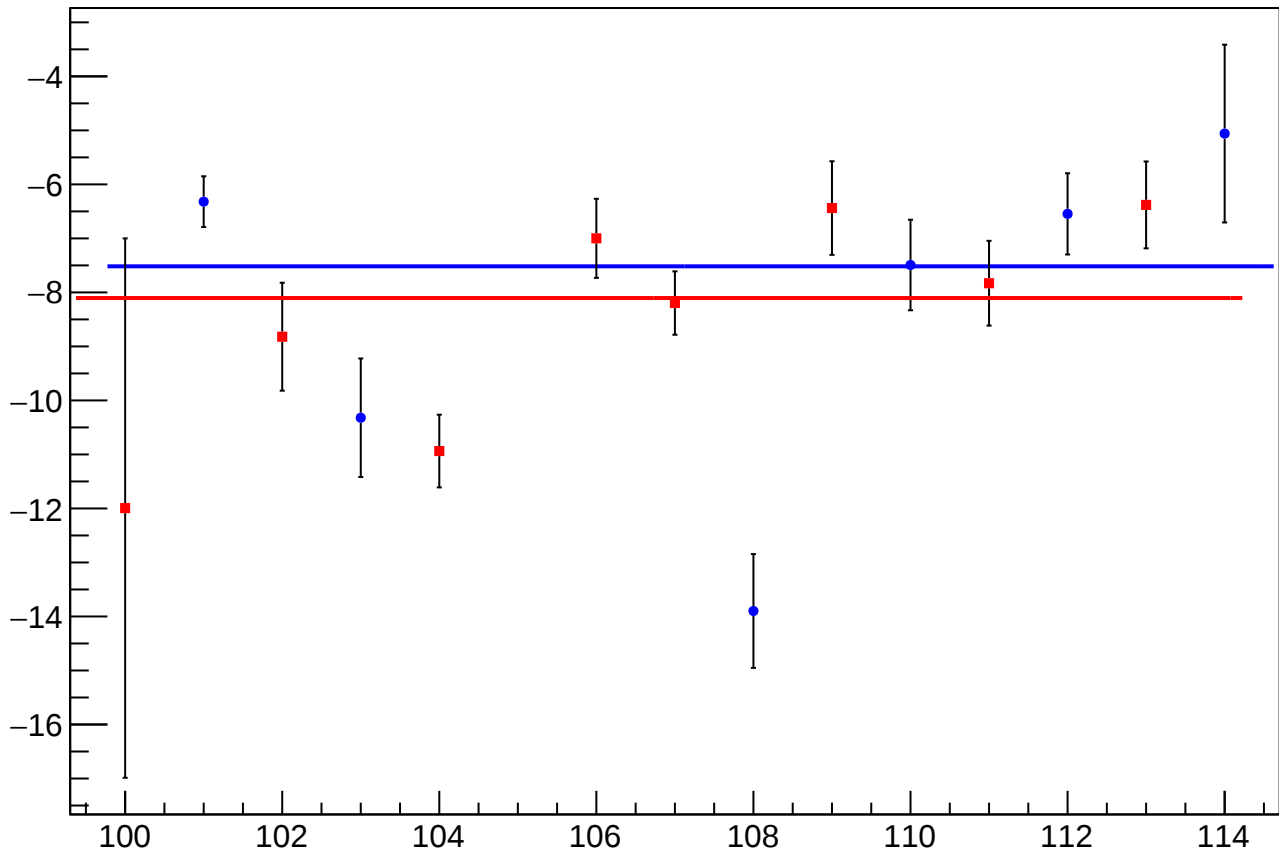
Right: -50.805 $\pm$ 0.311 χ^2 /NDF: 184.5/13

In: -51.126 $\pm$ 0.474 χ^2 /NDF: 70.1/5

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

All: -50.805 $\pm$ 0.311 χ^2 /NDF: 184.5/13

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.517 $\pm$ 0.319 χ^2 /NDF: 53.6/5

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

Right Out: -8.104 $\pm$ 0.283 χ^2 /NDF: 29.5/7

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

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

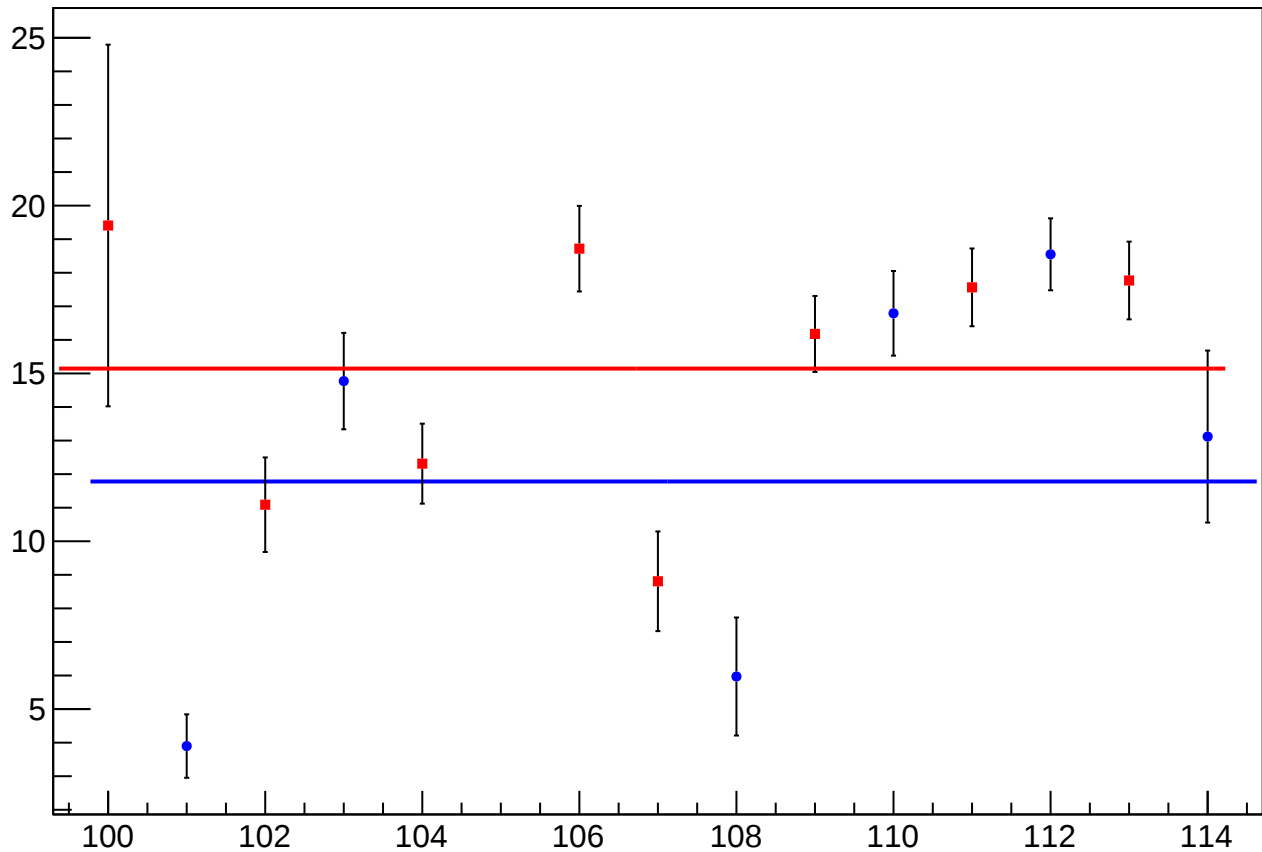
Right: -7.846 $\pm$ 0.212 χ^2 /NDF: 85.0/13

In: -7.517 $\pm$ 0.319 χ^2 /NDF:53.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -7.846 $\pm$ 0.212 χ^2 /NDF: 85.0/13

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.781+/-0.529 χ^2/NDF : 140.7/5

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

Right Out: 15.145+/-0.467 χ^2/NDF : 51.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

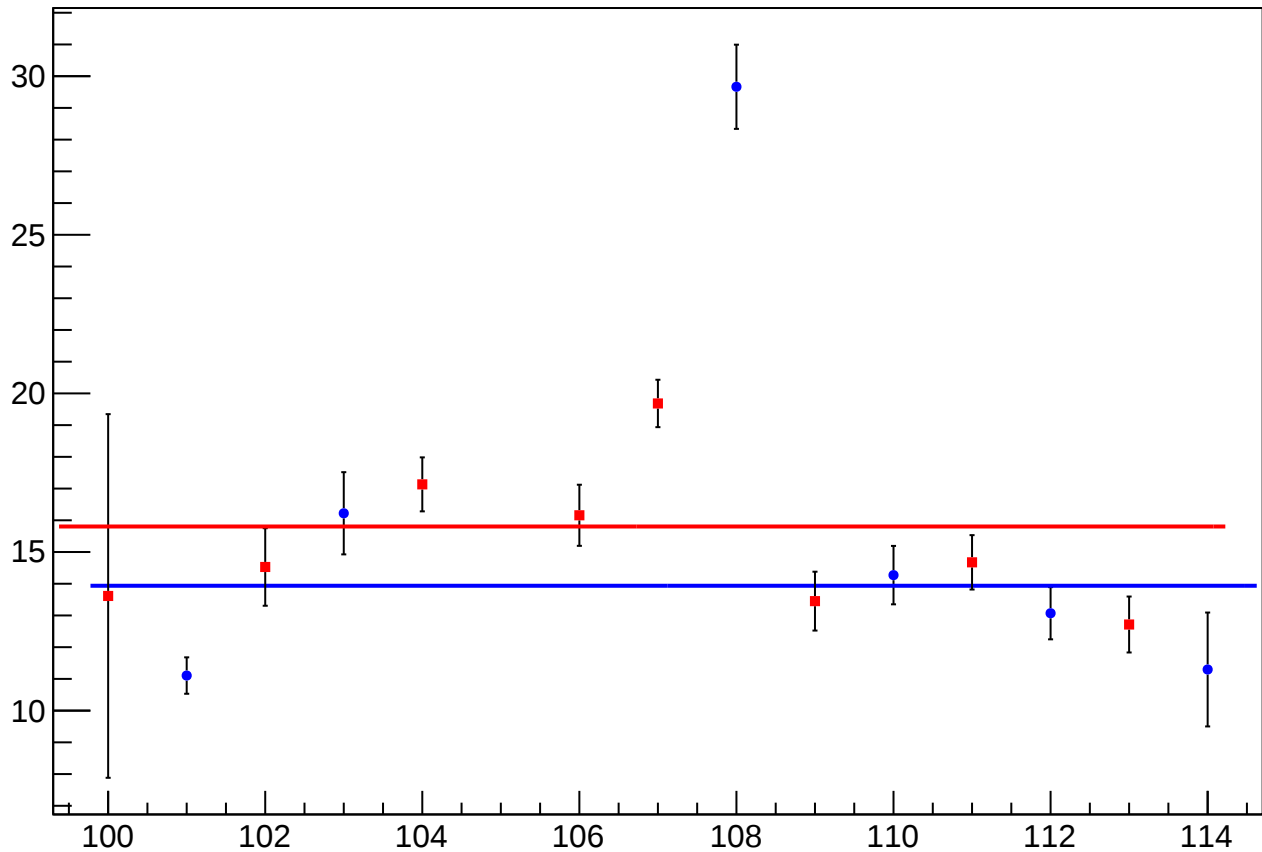
Right: 13.670+/-0.350 χ^2/NDF : 214.4/13

In: 11.781+/-0.529 χ^2/NDF : 140.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.670+/-0.350 χ^2/NDF : 214.4/13

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.936 $\pm$ 0.374 χ^2 /NDF: 171.3/5

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

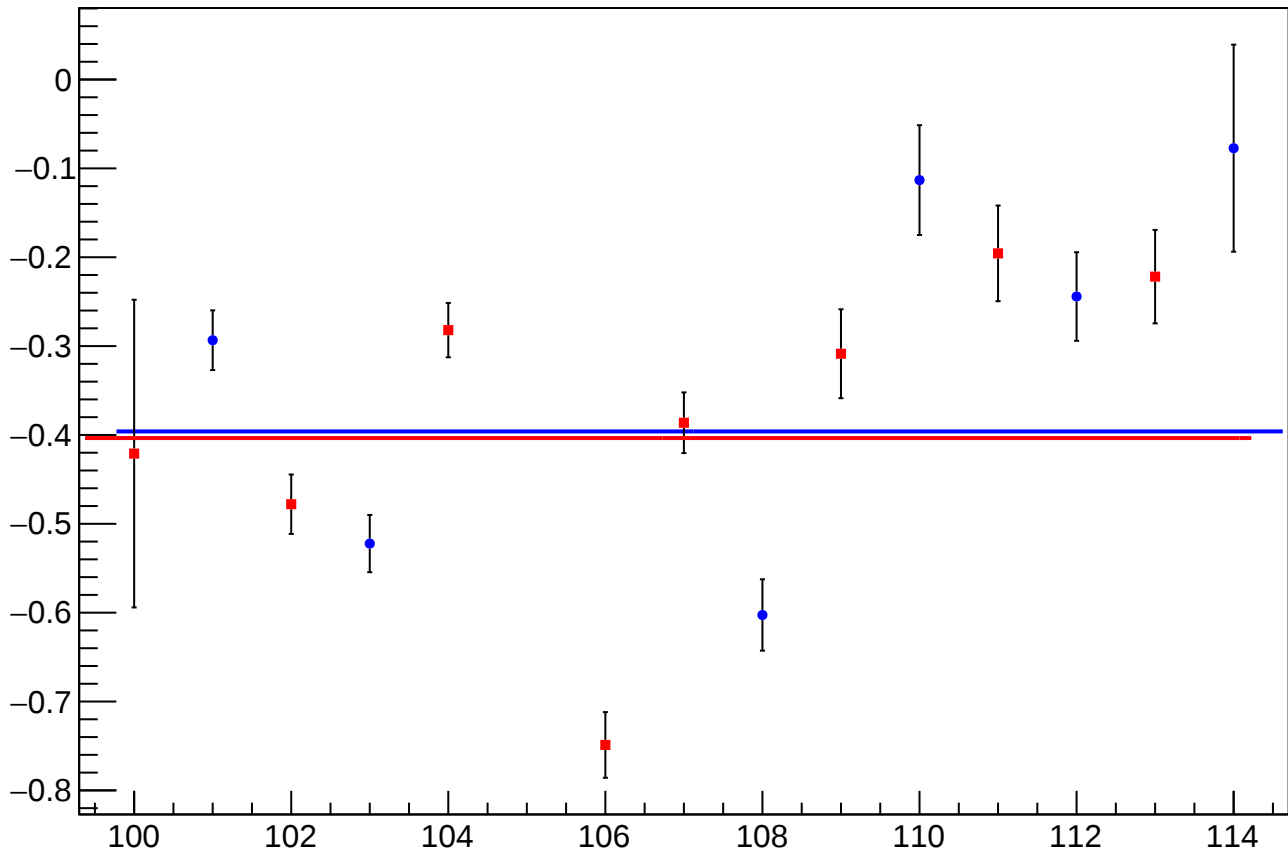
Right: 14.964 $\pm$ 0.251 χ^2 /NDF: 236.2/13

In: 13.936 $\pm$ 0.374 χ^2 /NDF: 171.3/5

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

All: 14.964 $\pm$ 0.251 χ^2 /NDF: 236.2/13

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.396+/-0.018 χ^2/NDF : 88.9/5

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

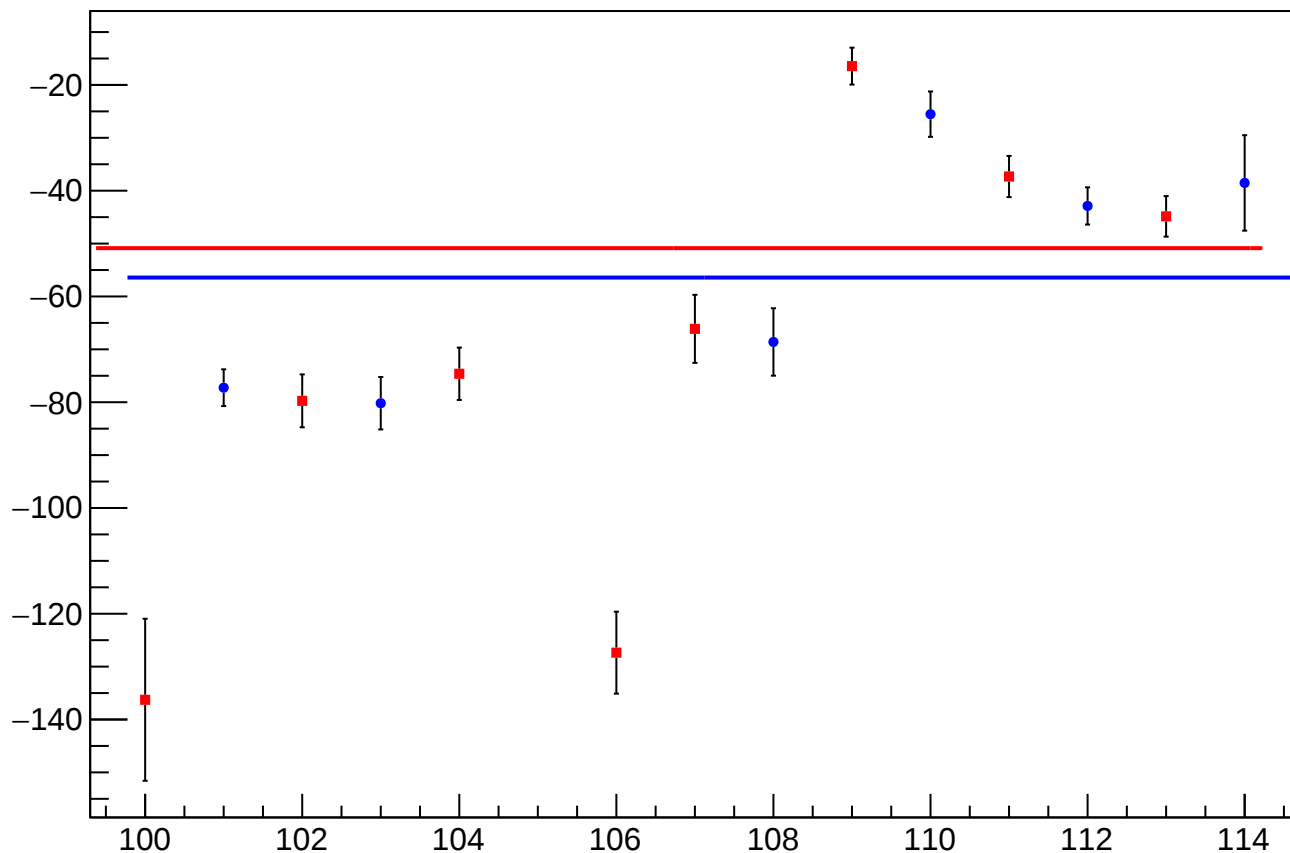
Right: -0.400+/-0.011 χ^2/NDF : 227.7/13

In: -0.396+/-0.018 χ^2/NDF : 88.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.400+/-0.011 χ^2/NDF : 227.7/13

reg_asym_sam_26_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -56.424+/-1.840 χ^2/NDF : 133.2/5

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

Right Out: -50.863+/-1.709 χ^2/NDF : 302.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

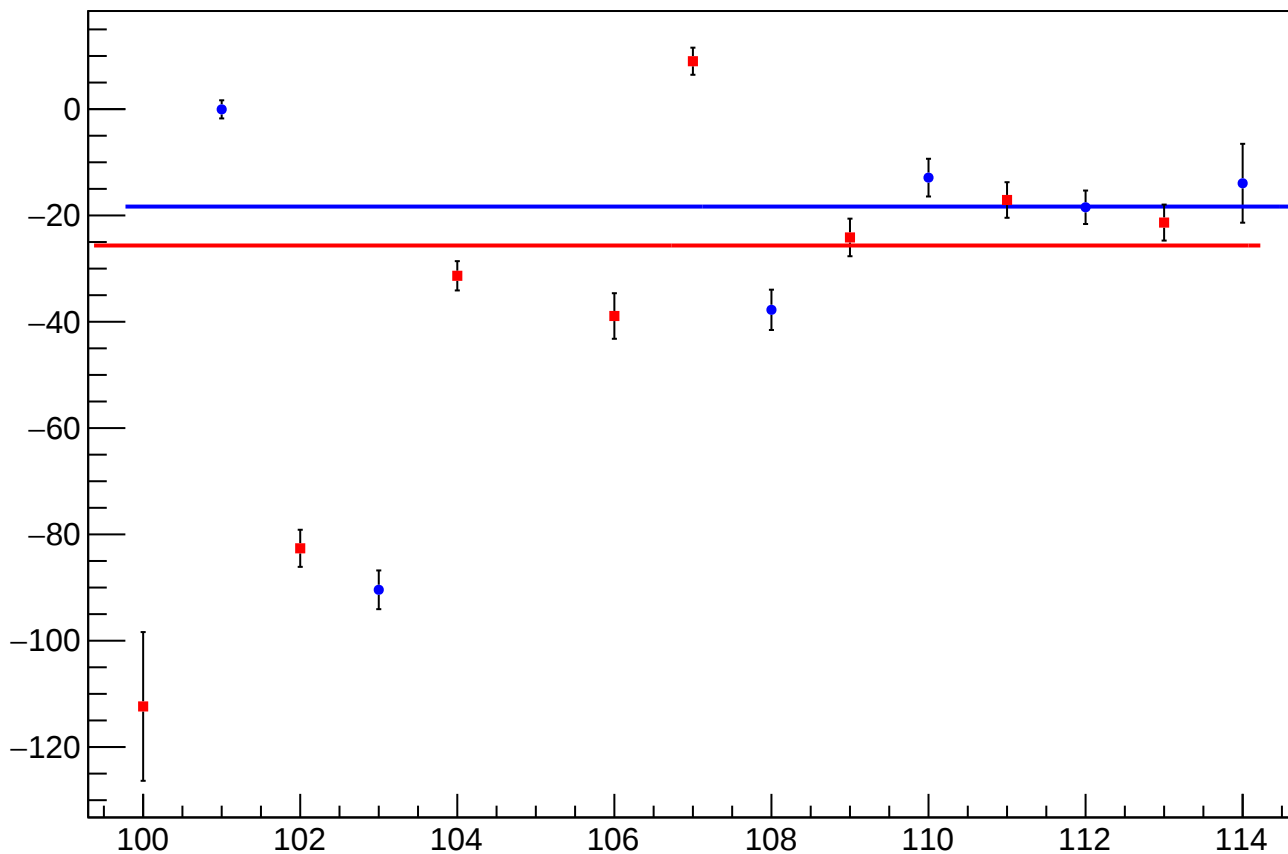
Right: -53.440+/-1.252 χ^2/NDF : 440.6/13

In: -56.424+/-1.840 χ^2/NDF : 133.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.440+/-1.252 χ^2/NDF : 440.6/13

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -18.329+/-1.206 χ^2/NDF : 535.7/5

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

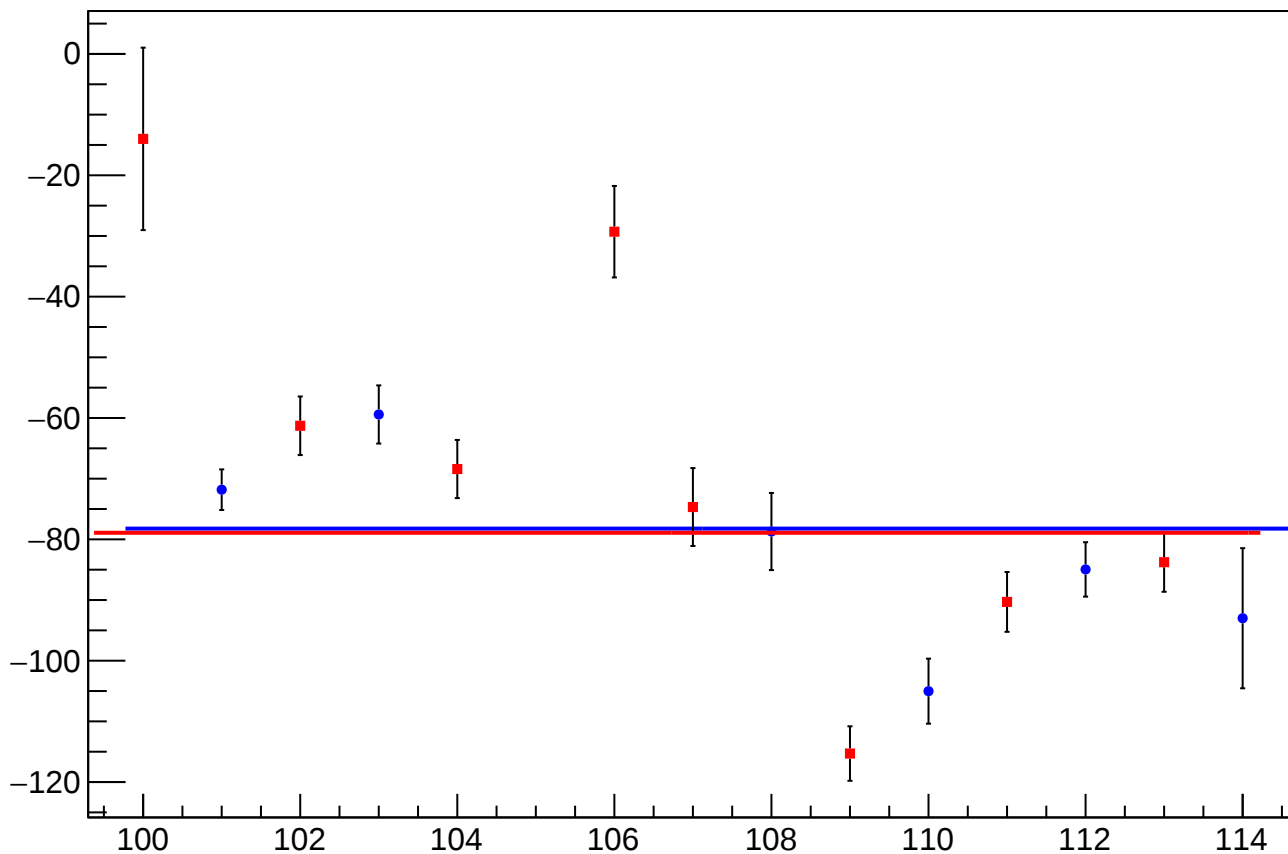
Right: -21.981+/-0.854 χ^2/NDF : 1066.0/13

In: -18.329+/-1.206 χ^2/NDF : 535.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.981+/-0.854 χ^2/NDF : 1066.0/13

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -78.229+/-2.002 χ^2/NDF : 48.0/5

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

Right Out: -78.915+/-1.940 χ^2/NDF : 152.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

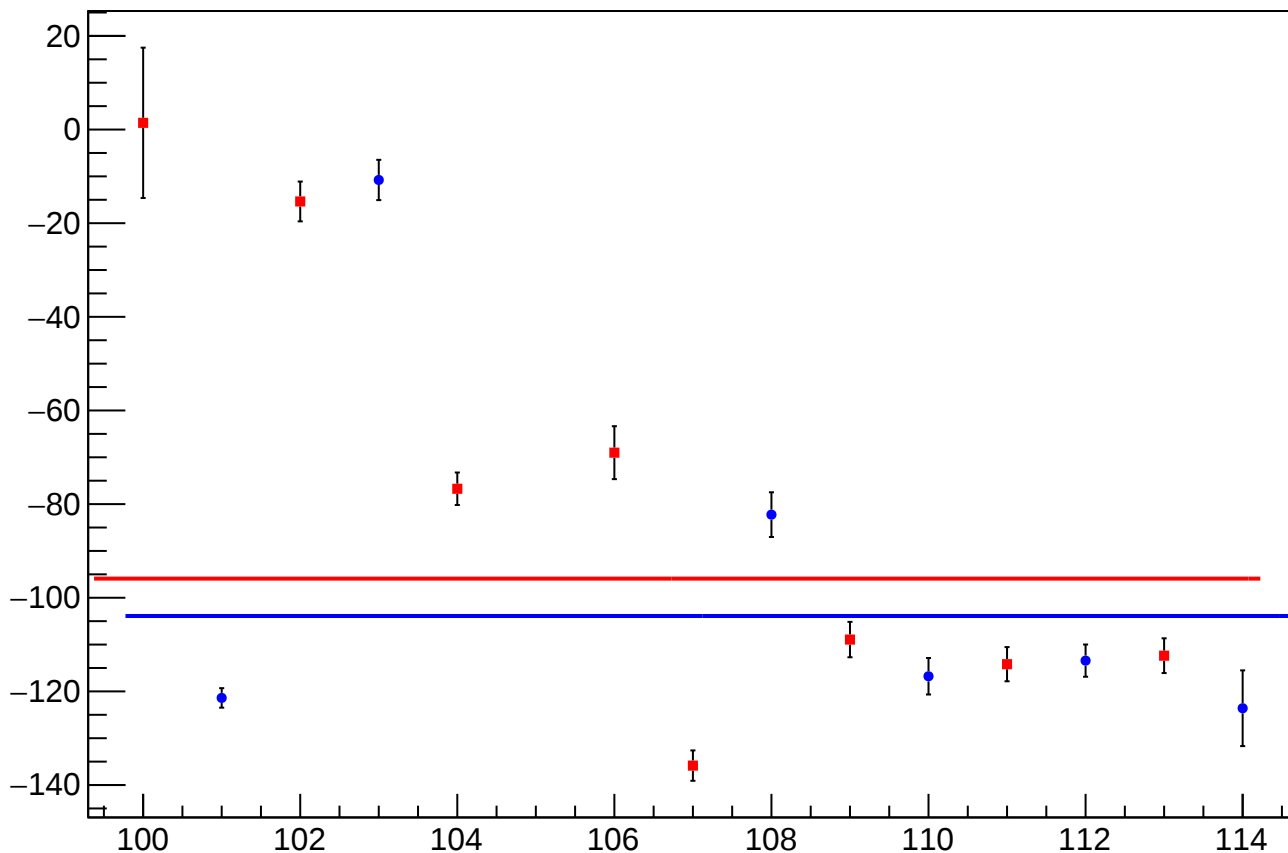
Right: -78.583+/-1.393 χ^2/NDF : 200.6/13

In: -78.229+/-2.002 χ^2/NDF : 48.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -78.583+/-1.393 χ^2/NDF : 200.6/13

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -103.897+/-1.423 χ^2/NDF : 584.3/5

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

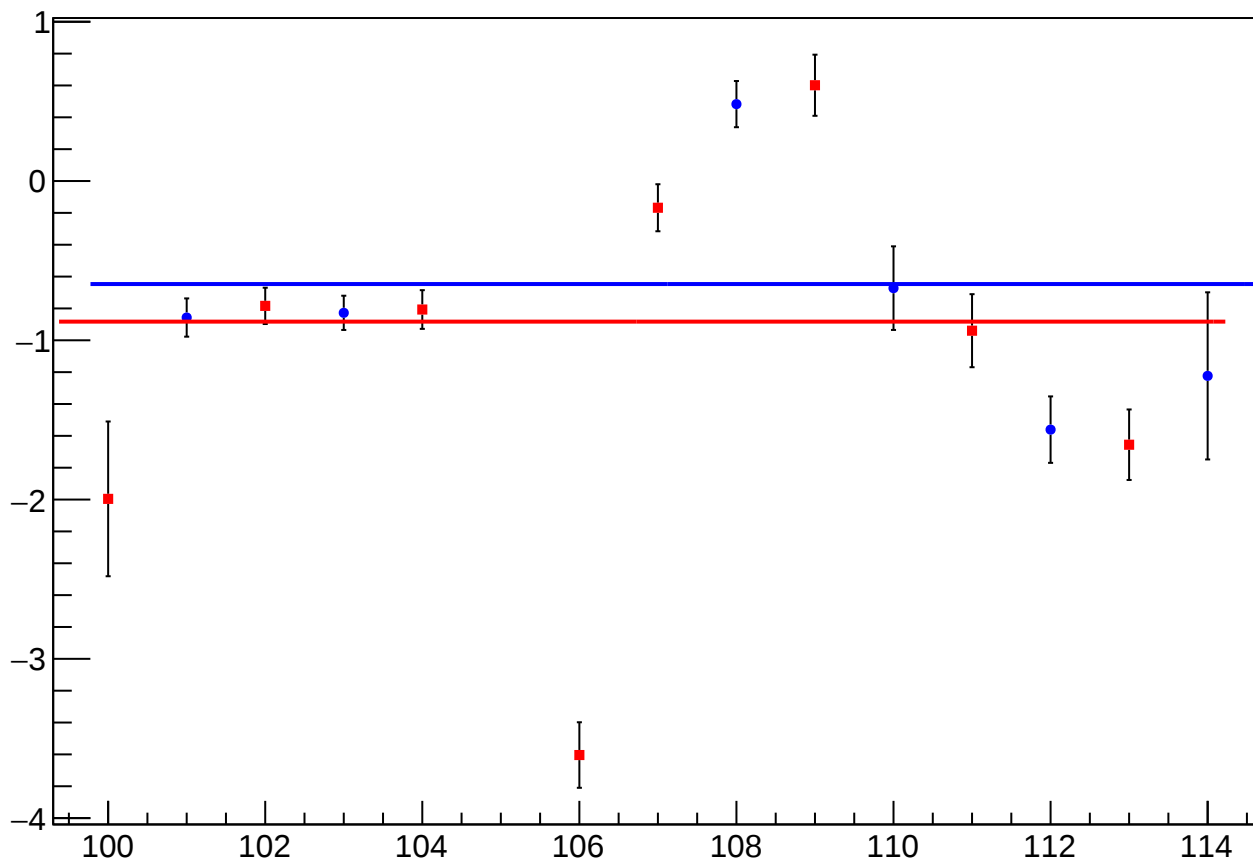
Right: -99.936+/-1.010 χ^2/NDF : 1257.3/13

In: -103.897+/-1.423 χ^2/NDF : 584.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -99.936+/-1.010 χ^2/NDF : 1257.3/13

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.647 ± 0.064 χ^2/NDF : 87.0/5

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

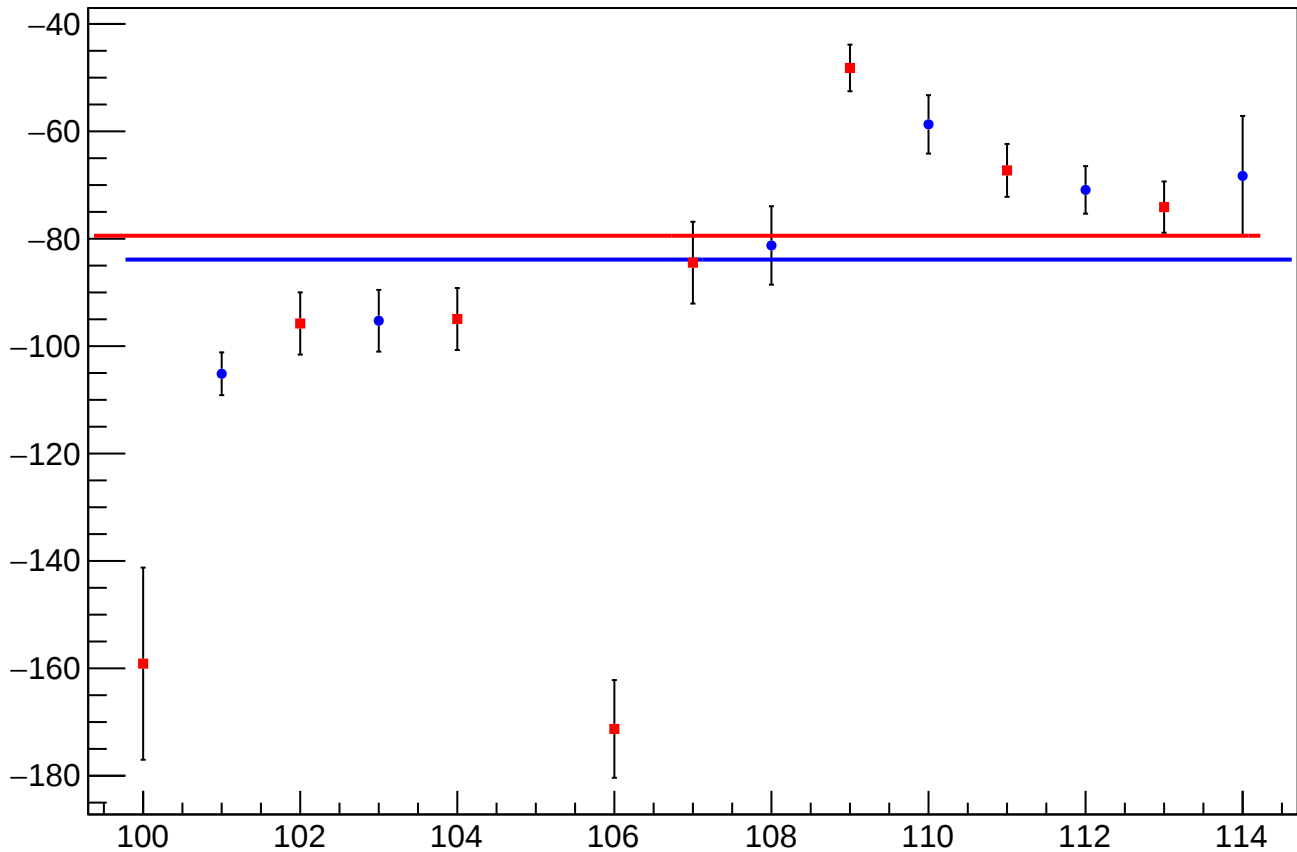
Right: -0.774 ± 0.043 χ^2/NDF : 371.2/13

In: -0.647 ± 0.064 χ^2/NDF : 87.0/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.774 ± 0.043 χ^2/NDF : 371.2/13

reg_asym_sam_26_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -83.876 ± 2.209 χ^2/NDF : 64.5/5

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

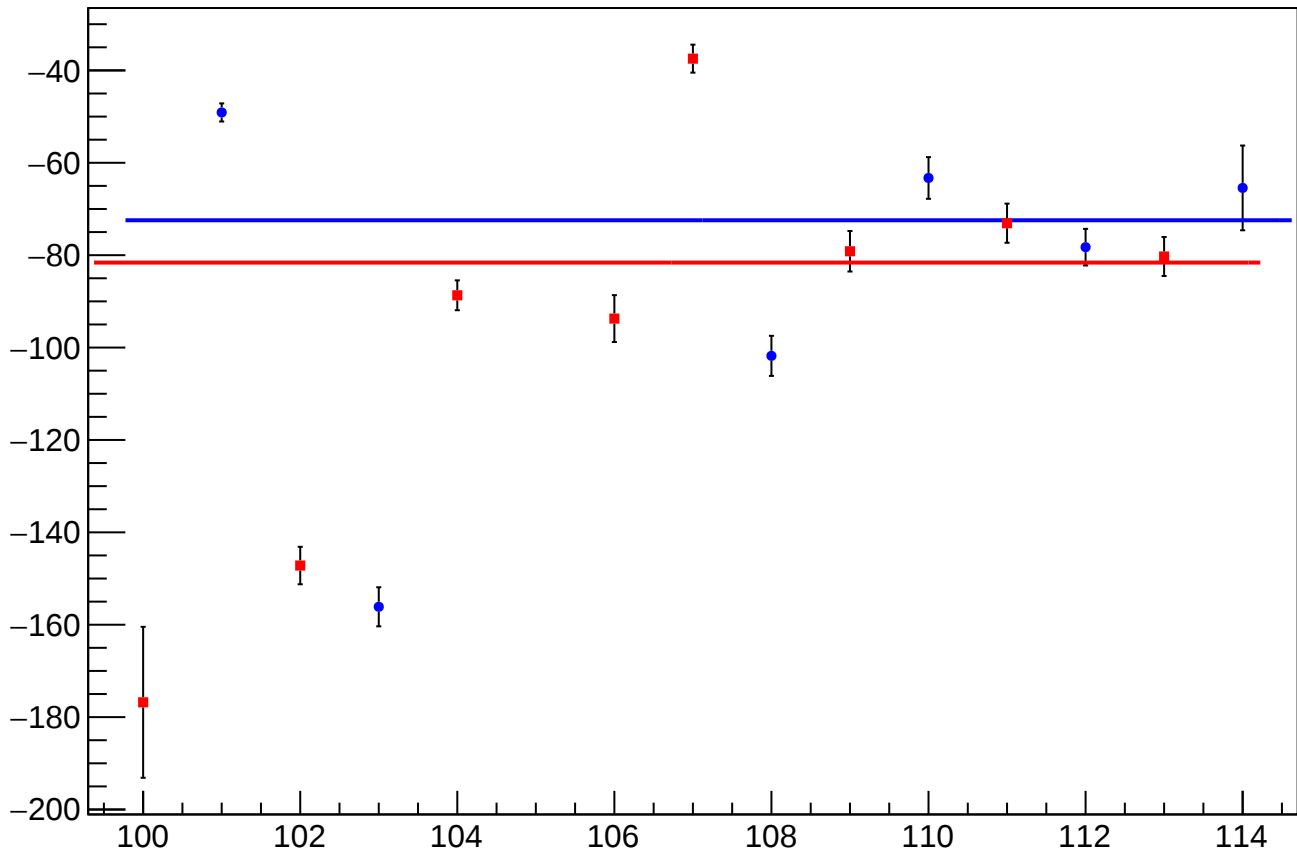
Right: -81.525 ± 1.516 χ^2/NDF : 263.2/13

In: -83.876 ± 2.209 χ^2/NDF : 64.5/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -81.525 ± 1.516 χ^2/NDF : 263.2/13

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -72.442 ± 1.423 χ^2/NDF : 586.2/5

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

Right Out: -81.602 ± 1.456 χ^2/NDF : 523.0/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

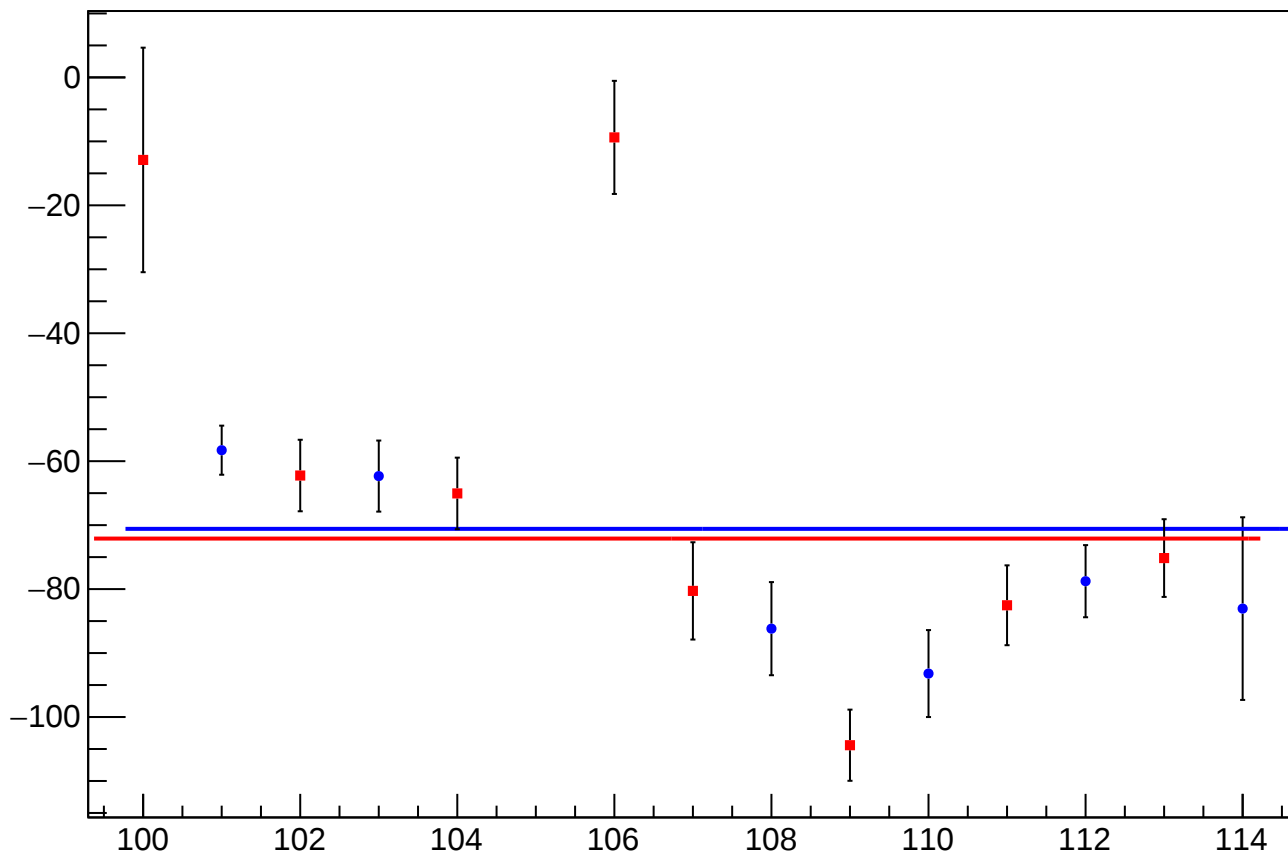
Right: -76.917 ± 1.017 χ^2/NDF : 1129.5/13

In: -72.442 ± 1.423 χ^2/NDF : 586.2/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -76.917 ± 1.017 χ^2/NDF : 1129.5/13

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -70.581+/-2.376 χ^2/NDF : 31.0/5

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

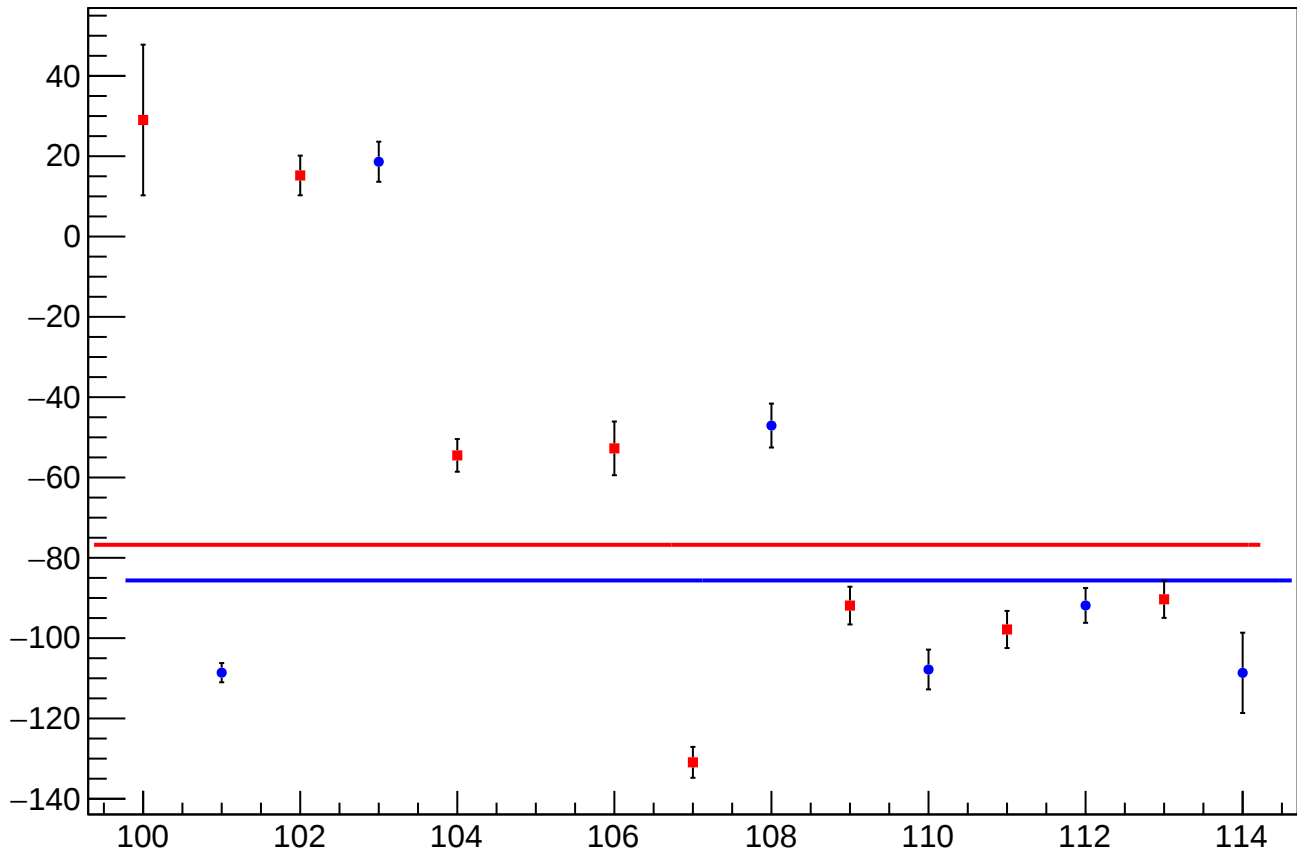
Right: -71.352+/-1.668 χ^2/NDF : 135.5/13

In: -70.581+/-2.376 χ^2/NDF : 31.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.352+/-1.668 χ^2/NDF : 135.5/13

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -85.635 $\pm$ 1.685 χ^2 /NDF: 605.3/5

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

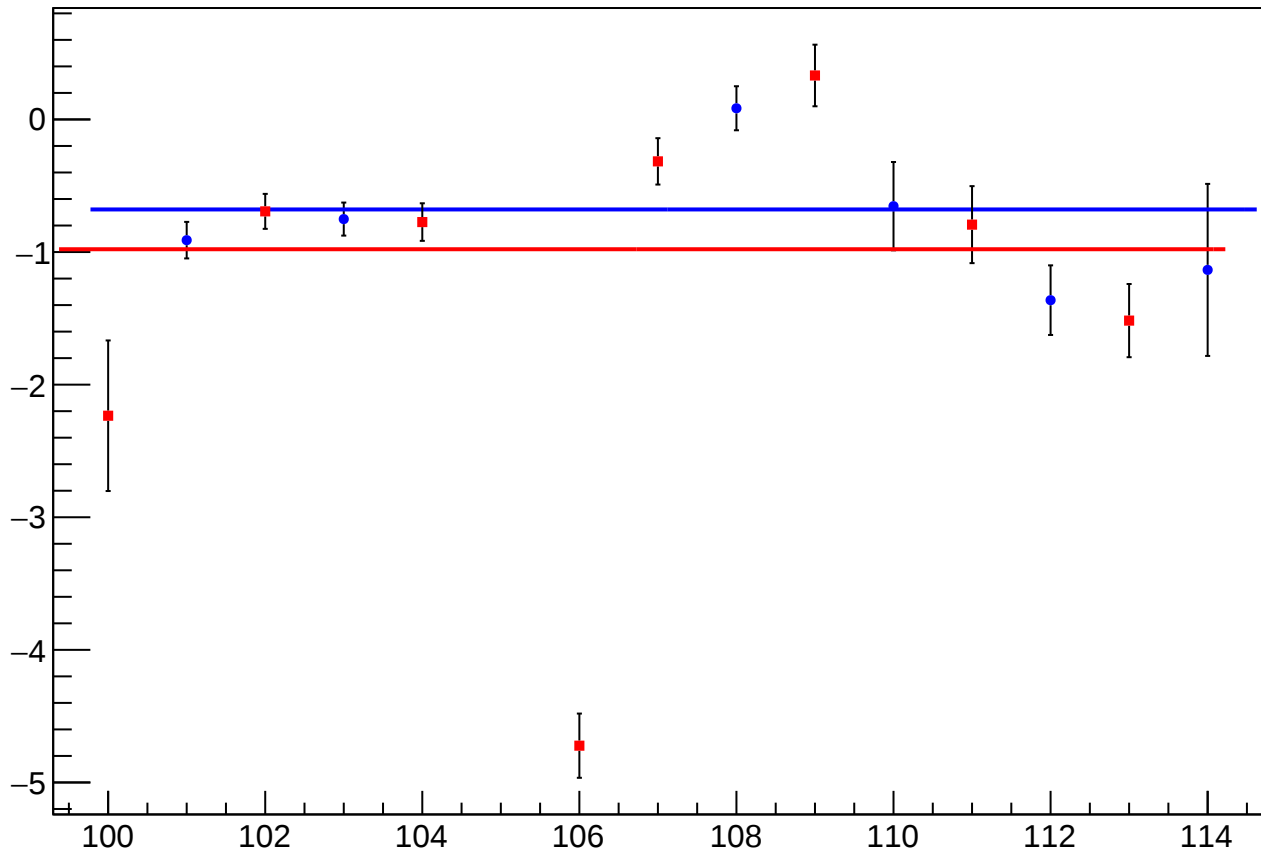
Right: -81.322 $\pm$ 1.208 χ^2 /NDF: 1278.3/13

In: -85.635 $\pm$ 1.685 χ^2 /NDF:605.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -81.322 $\pm$ 1.208 χ^2 /NDF: 1278.3/13

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.679+/-0.075 χ^2 /NDF: 31.6/5

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

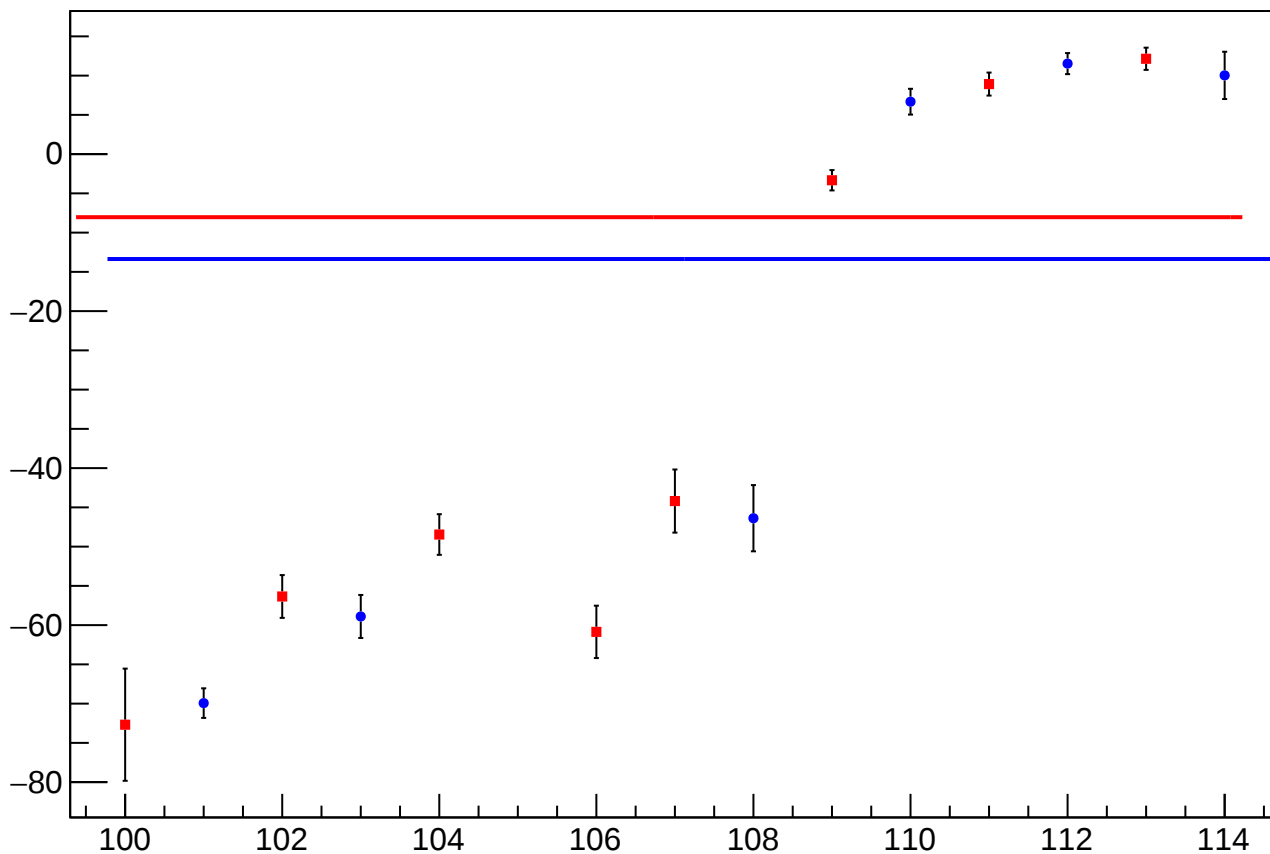
Right: -0.838+/-0.051 χ^2 /NDF: 341.2/13

In: -0.679+/-0.075 χ^2 /NDF:31.6/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.838+/-0.051 χ^2 /NDF: 341.2/13

reg_asym_sam_48_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -13.362 $\pm$ 0.815 χ^2 /NDF: 1791.4/5

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

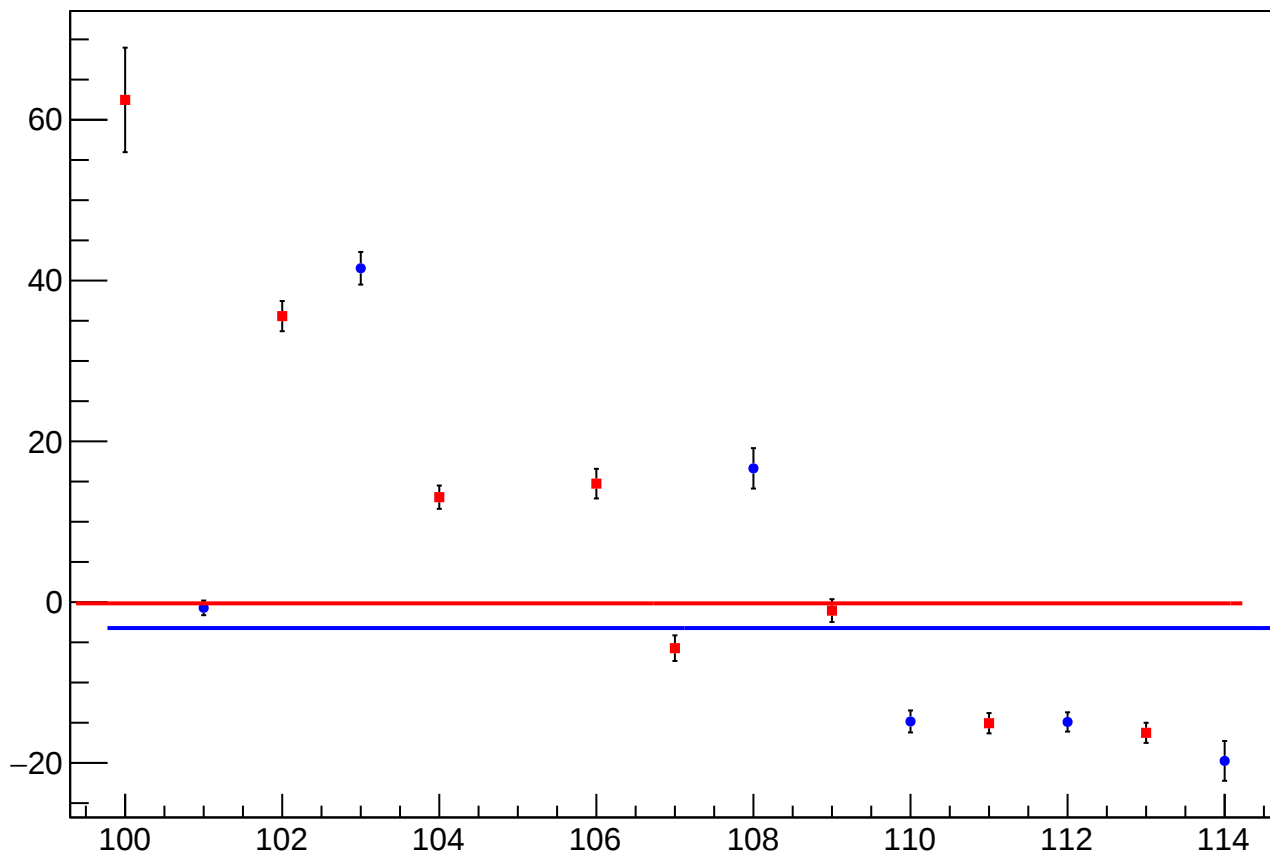
Right: -10.313 $\pm$ 0.533 χ^2 /NDF: 3138.5/13

In: -13.362 $\pm$ 0.815 χ^2 /NDF:1791.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -10.313 $\pm$ 0.533 χ^2 /NDF: 3138.5/13

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.224 ± 0.577 χ^2/NDF : 766.5/5

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

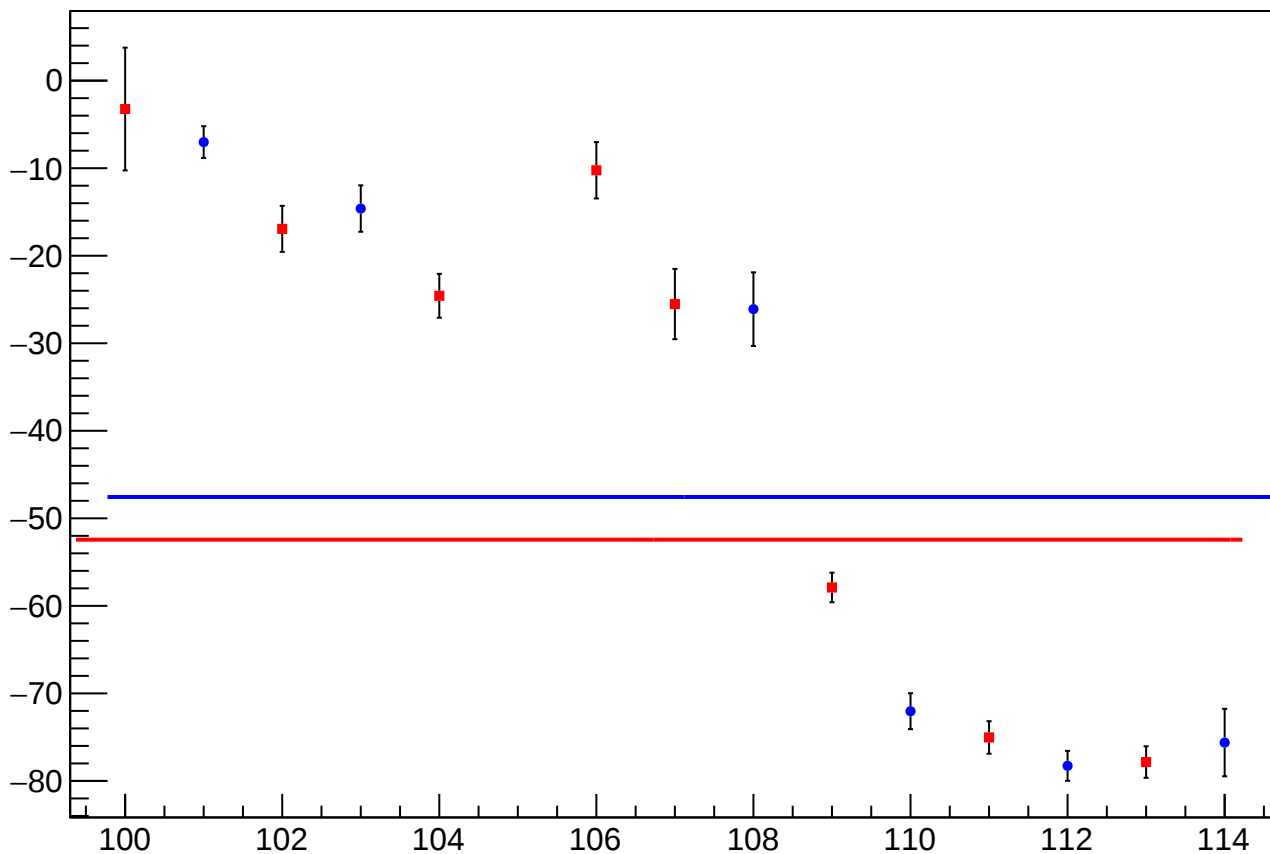
Right: -1.630 ± 0.401 χ^2/NDF : 1701.7/13

In: -3.224 ± 0.577 χ^2/NDF : 766.5/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.630 ± 0.401 χ^2/NDF : 1701.7/13

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -47.564 $\pm$ 0.933 χ^2 /NDF: 1196.8/5

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

Right Out: -52.437 $\pm$ 0.836 χ^2 /NDF: 929.7/7

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

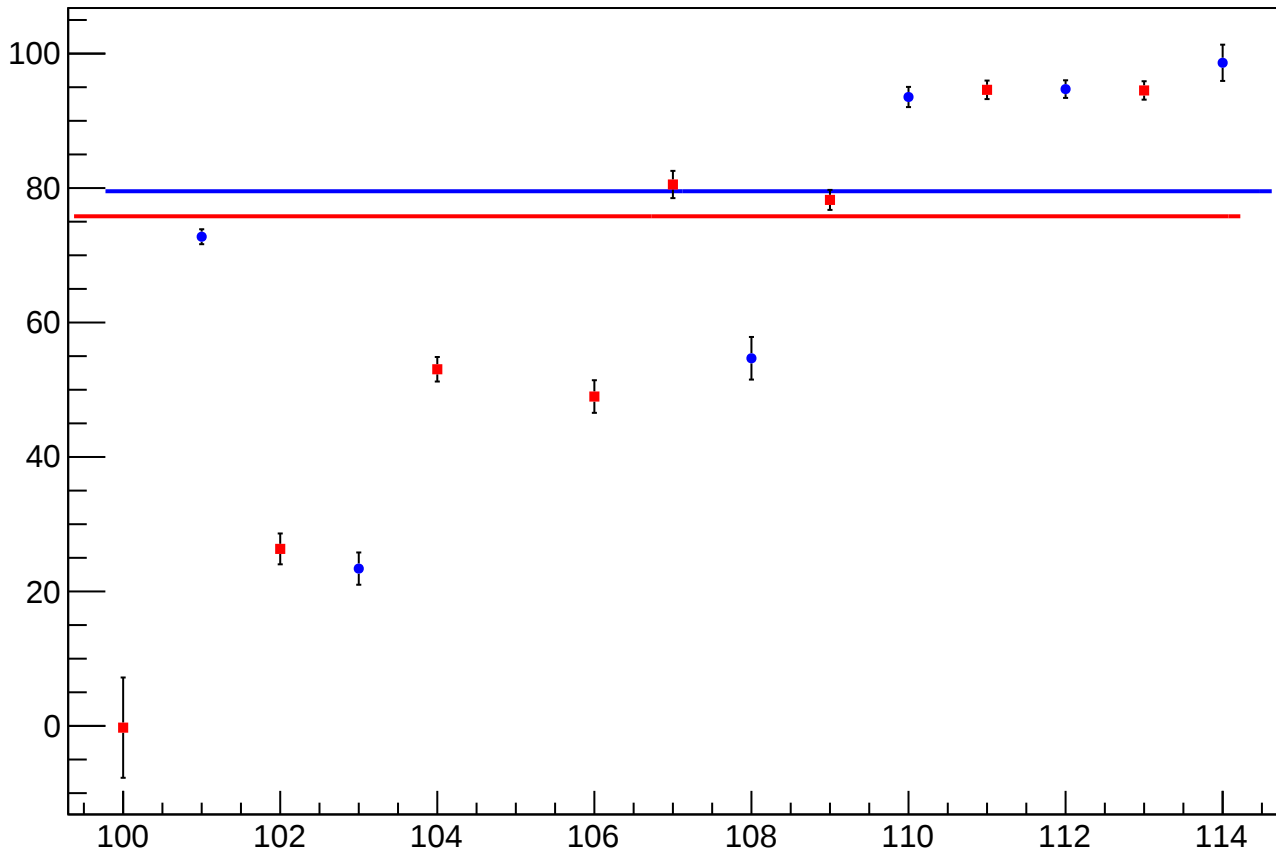
Right: -50.268 $\pm$ 0.623 χ^2 /NDF: 2141.6/13

In: -47.564 $\pm$ 0.933 χ^2 /NDF:1196.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -50.268 $\pm$ 0.623 χ^2 /NDF: 2141.6/13

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 79.527 $\pm$ 0.667 χ^2 /NDF: 917.3/5

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

Right Out: 75.802 $\pm$ 0.641 χ^2 /NDF: 1228.3/7

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

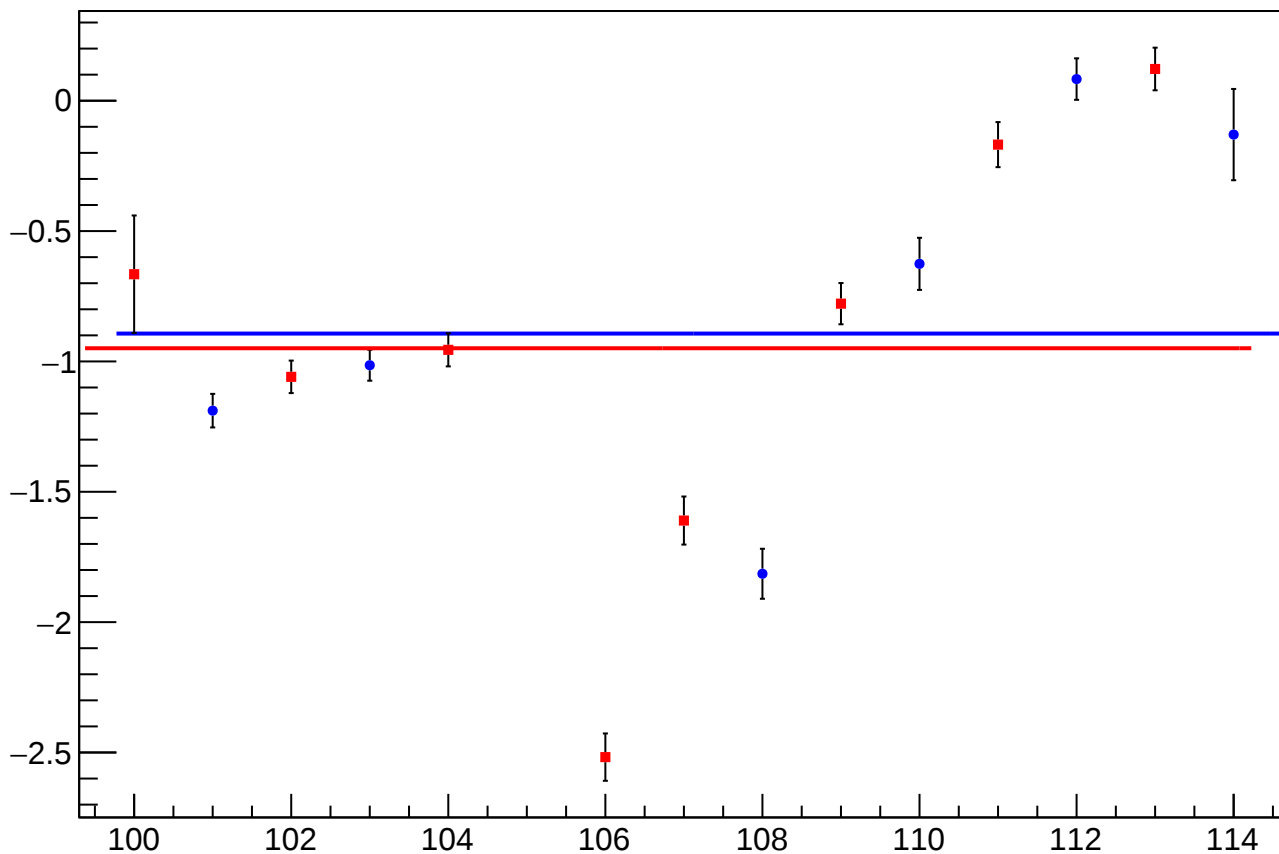
Right: 77.589 $\pm$ 0.462 χ^2 /NDF: 2161.8/13

In: 79.527 $\pm$ 0.667 χ^2 /NDF:917.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 77.589 $\pm$ 0.462 χ^2 /NDF: 2161.8/13

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.893 ± 0.033 χ^2/NDF : 294.2/5

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

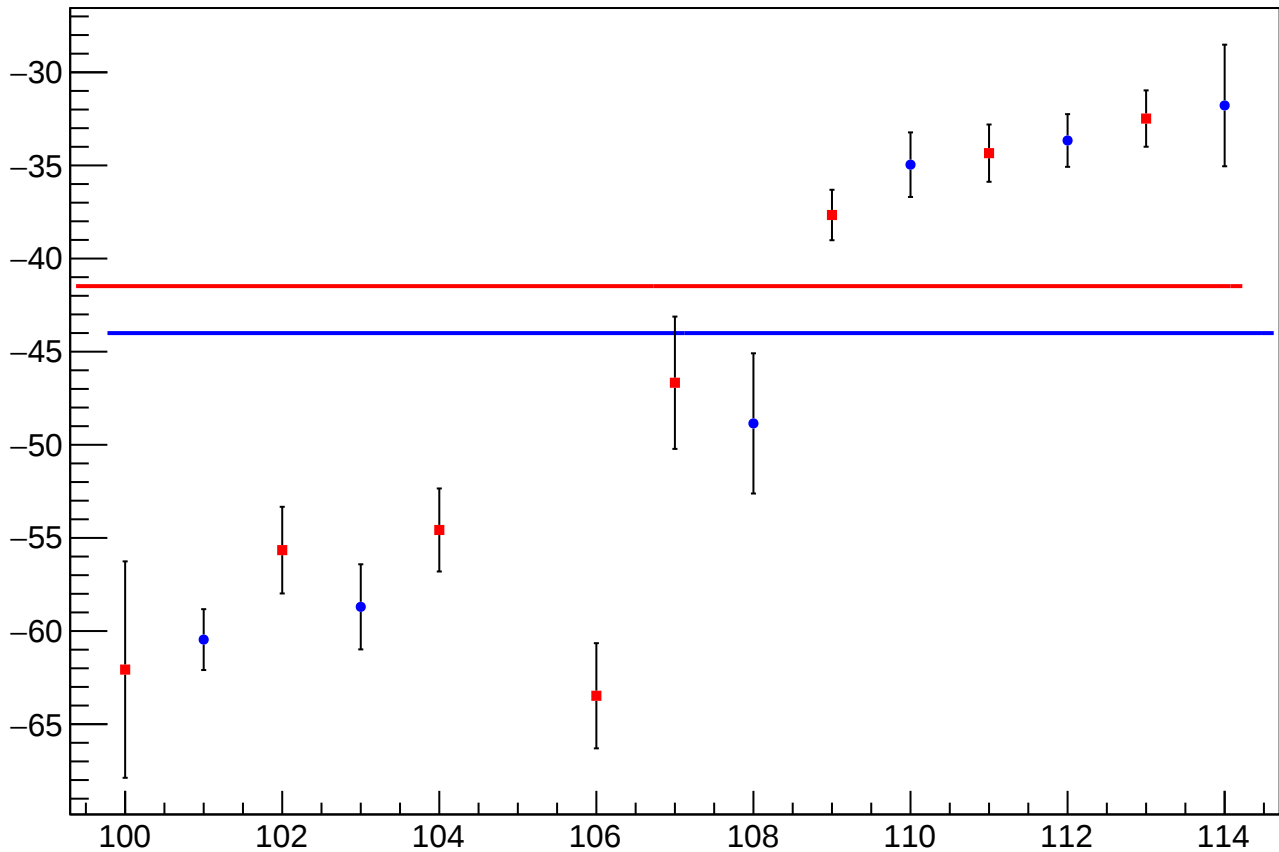
Right: -0.925 ± 0.022 χ^2/NDF : 908.2/13

In: -0.893 ± 0.033 χ^2/NDF : 294.2/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.925 ± 0.022 χ^2/NDF : 908.2/13

reg_asym_sam_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -44.003 $\pm$ 0.800 χ^2 /NDF: 239.2/5

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

Right Out: -41.481 $\pm$ 0.703 χ^2 /NDF: 211.9/7

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

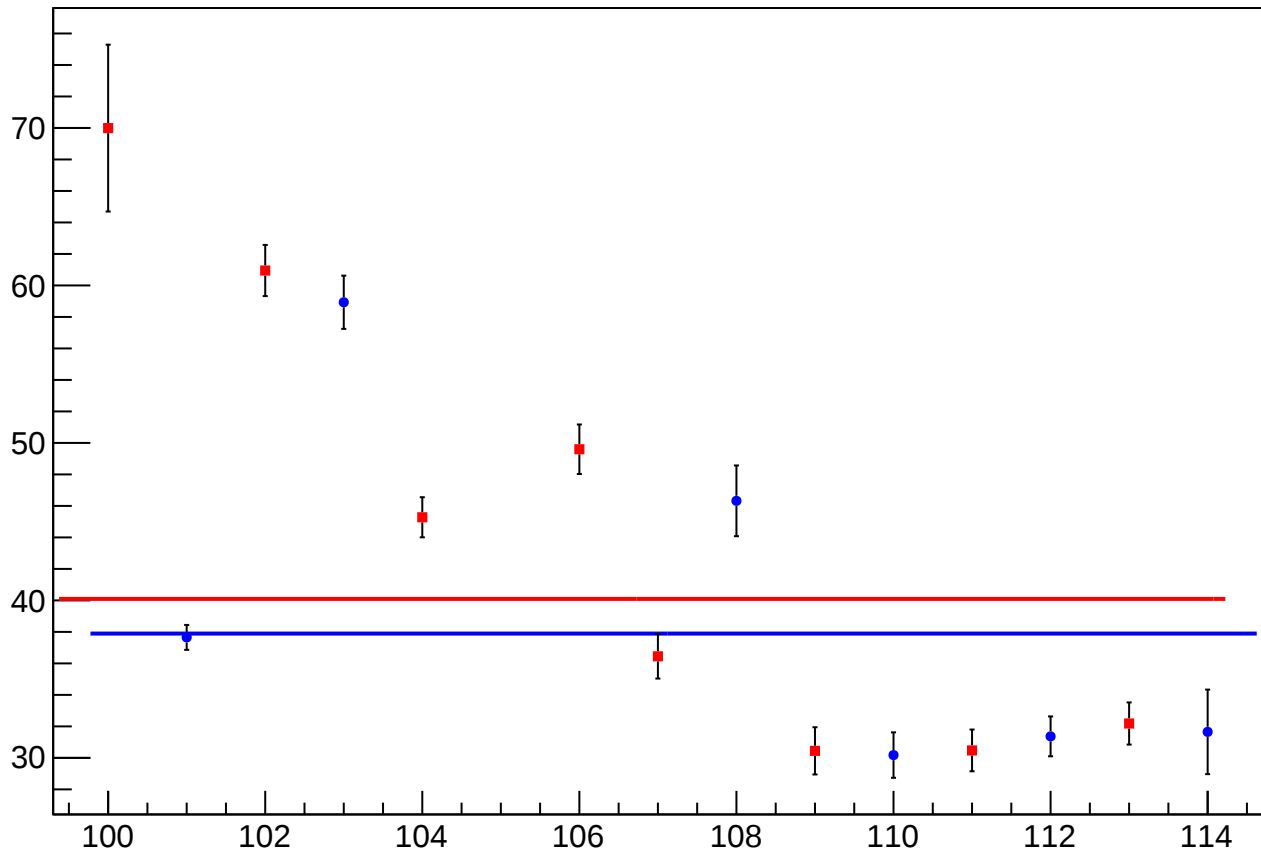
Right: -42.579 $\pm$ 0.528 χ^2 /NDF: 456.7/13

In: -44.003 $\pm$ 0.800 χ^2 /NDF: 239.2/5

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

All: -42.579 $\pm$ 0.528 χ^2 /NDF: 456.7/13

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 37.894+/-0.543 χ^2/NDF : 229.7/5

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

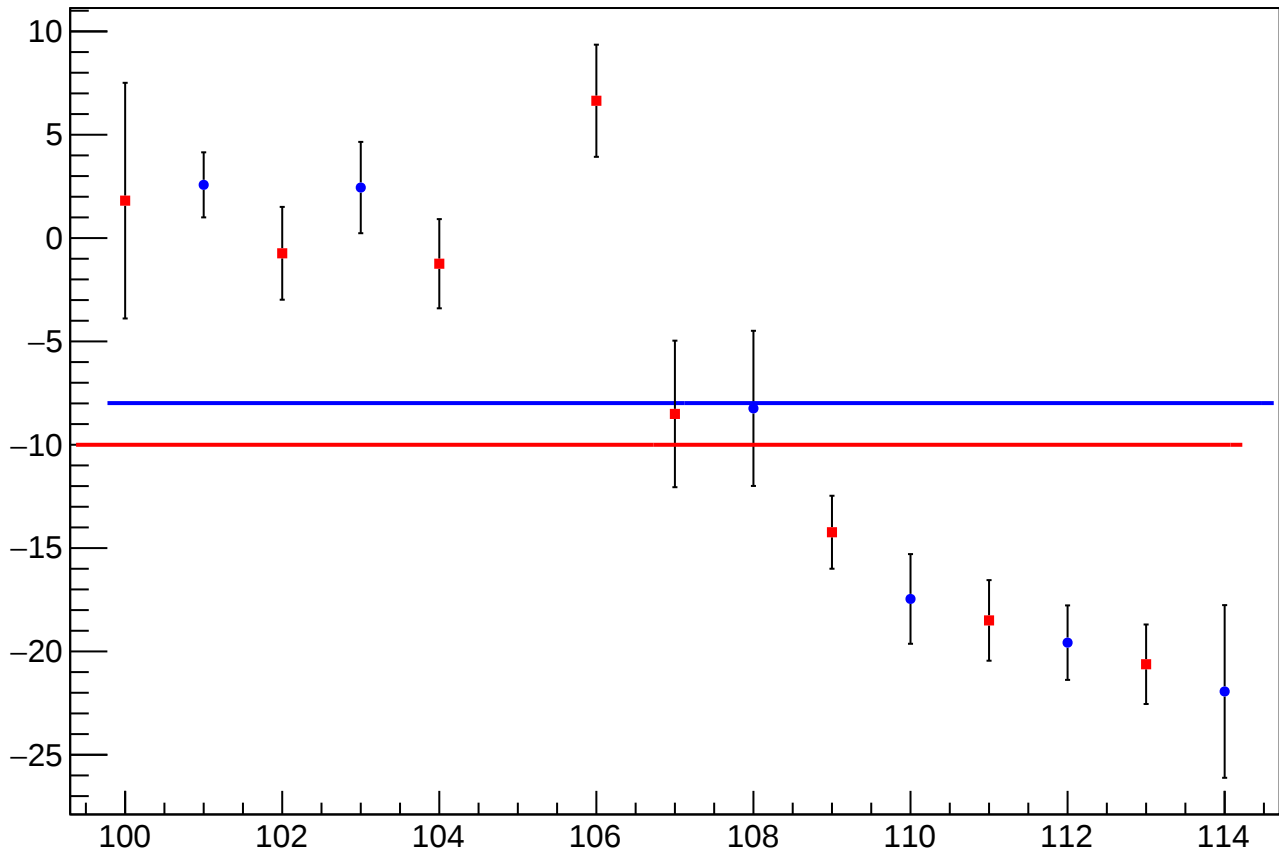
Right: 39.014+/-0.381 χ^2/NDF : 623.5/13

In: 37.894+/-0.543 χ^2/NDF : 229.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.014+/-0.381 χ^2/NDF : 623.5/13

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -7.984 ± 0.892 χ^2/NDF : 138.9/5

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

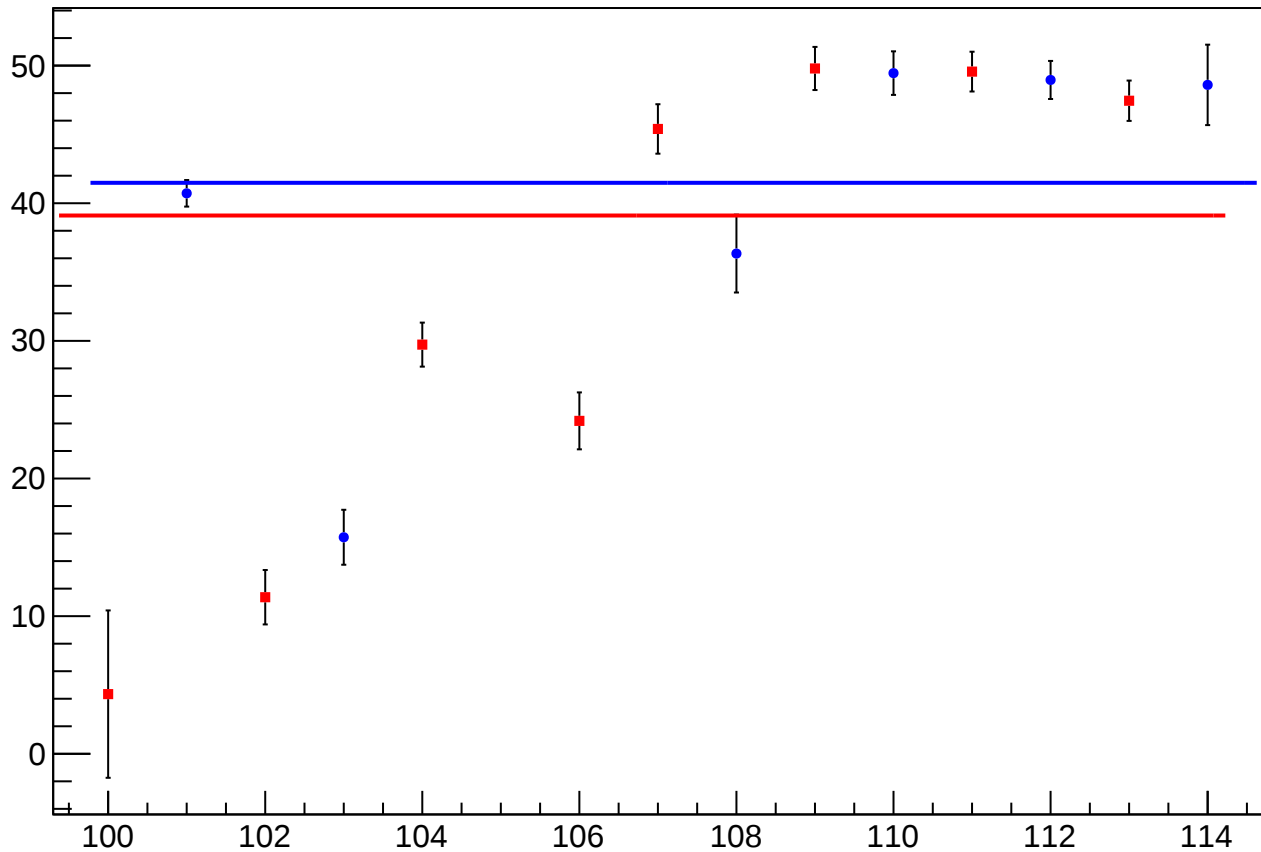
Right: -9.086 ± 0.601 χ^2/NDF : 272.5/13

In: -7.984 ± 0.892 χ^2/NDF : 138.9/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.086 ± 0.601 χ^2/NDF : 272.5/13

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.484+/-0.634 χ^2/NDF : 230.8/5

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

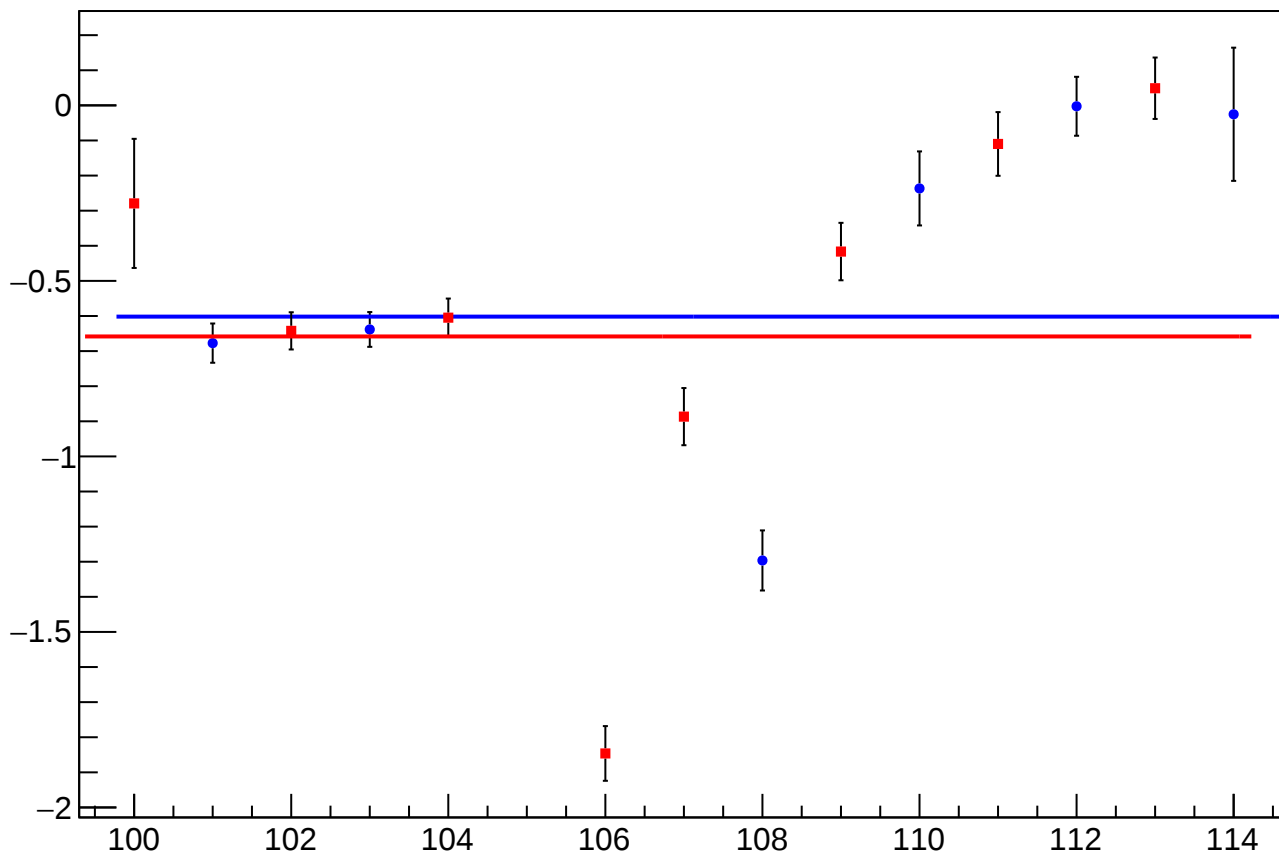
Right: 40.277+/-0.445 χ^2/NDF : 697.5/13

In: 41.484+/-0.634 χ^2/NDF : 230.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.277+/-0.445 χ^2/NDF : 697.5/13

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.602 ± 0.030 $\chi^2/\text{NDF}: 140.4/5$

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

Right Out: -0.658 ± 0.026 $\chi^2/\text{NDF}: 356.2/7$

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

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

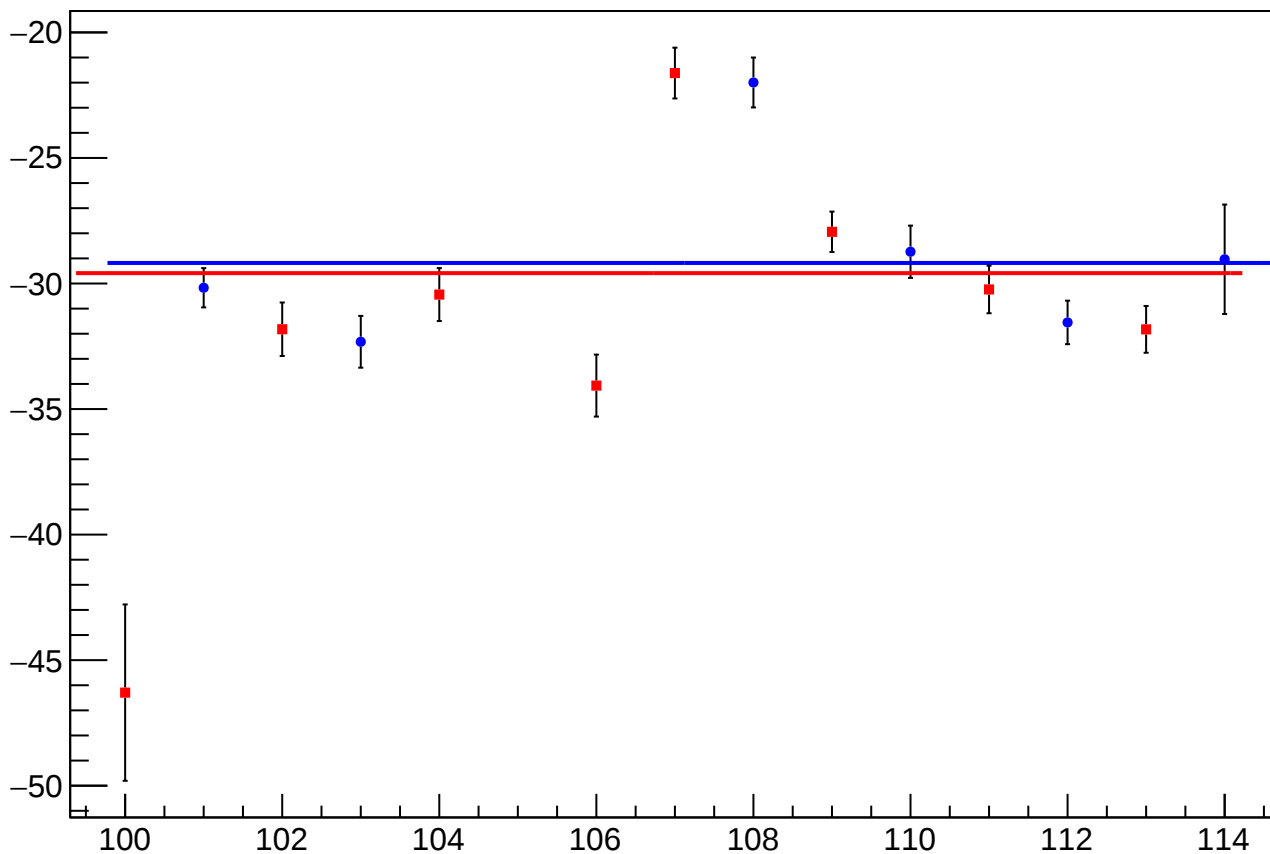
Right: -0.634 ± 0.020 $\chi^2/\text{NDF}: 498.7/13$

In: -0.602 ± 0.030 $\chi^2/\text{NDF}: 140.4/5$

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

All: -0.634 ± 0.020 $\chi^2/\text{NDF}: 498.7/13$

reg_asym_sam_13_57_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -29.182 $\pm$ 0.406 χ^2 /NDF: 70.9/5

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

Right Out: -29.587 $\pm$ 0.370 χ^2 /NDF: 113.3/7

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

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

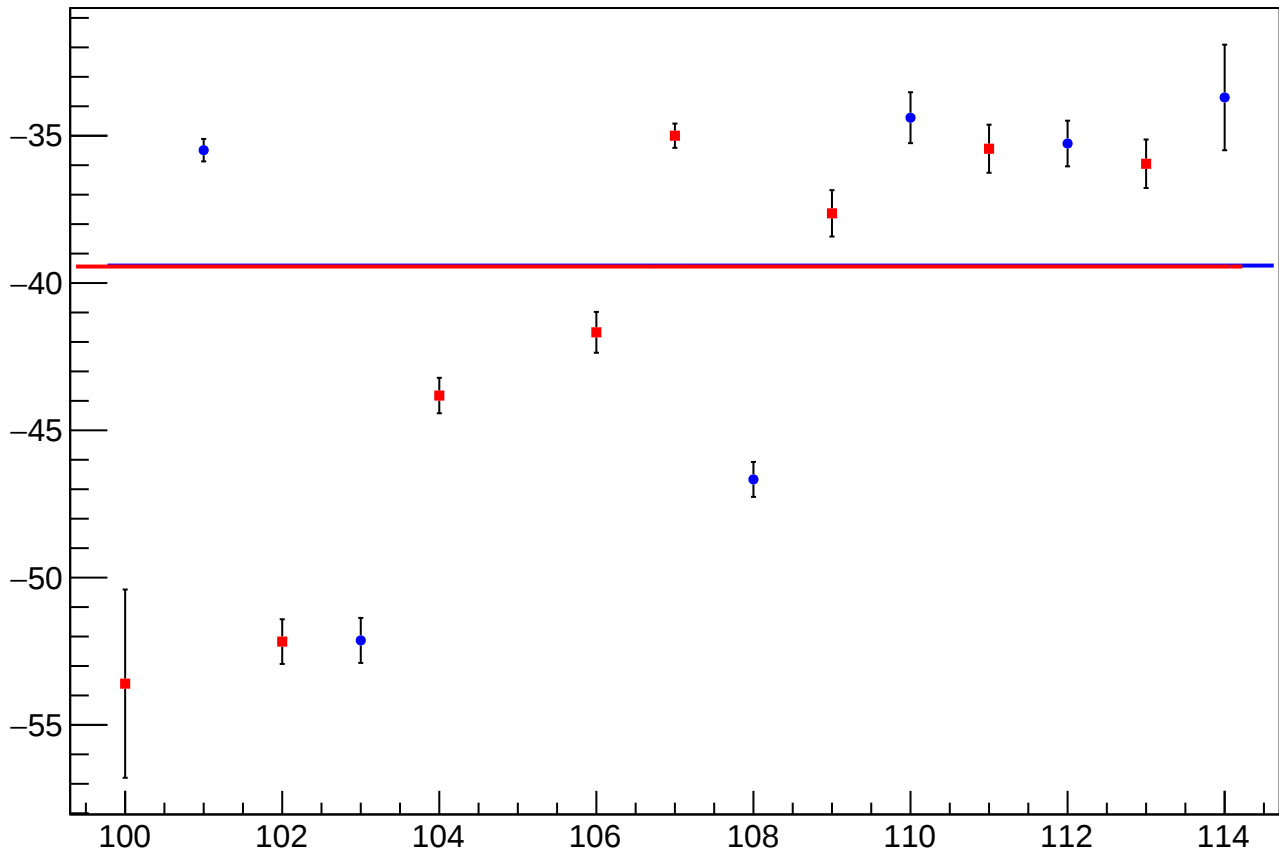
Right: -29.403 $\pm$ 0.274 χ^2 /NDF: 184.7/13

In: -29.182 $\pm$ 0.406 χ^2 /NDF: 70.9/5

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

All: -29.403 $\pm$ 0.274 χ^2 /NDF: 184.7/13

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -39.407 ± 0.260 χ^2/NDF : 605.8/5

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

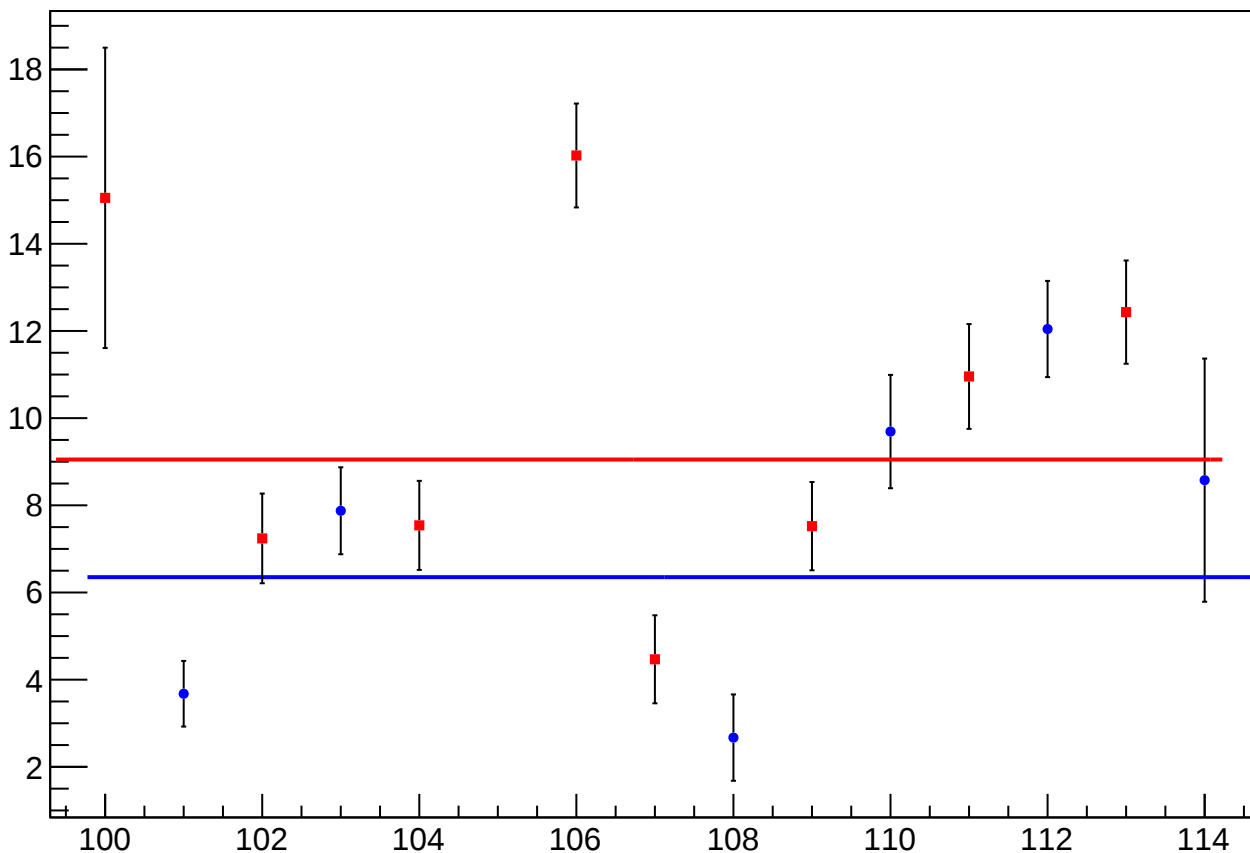
Right: -39.425 ± 0.177 χ^2/NDF : 1133.8/13

In: -39.407 ± 0.260 χ^2/NDF : 605.8/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.425 ± 0.177 χ^2/NDF : 1133.8/13

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.352+/-0.433 χ^2/NDF : 62.6/5

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

Right Out: 9.050+/-0.406 χ^2/NDF : 76.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

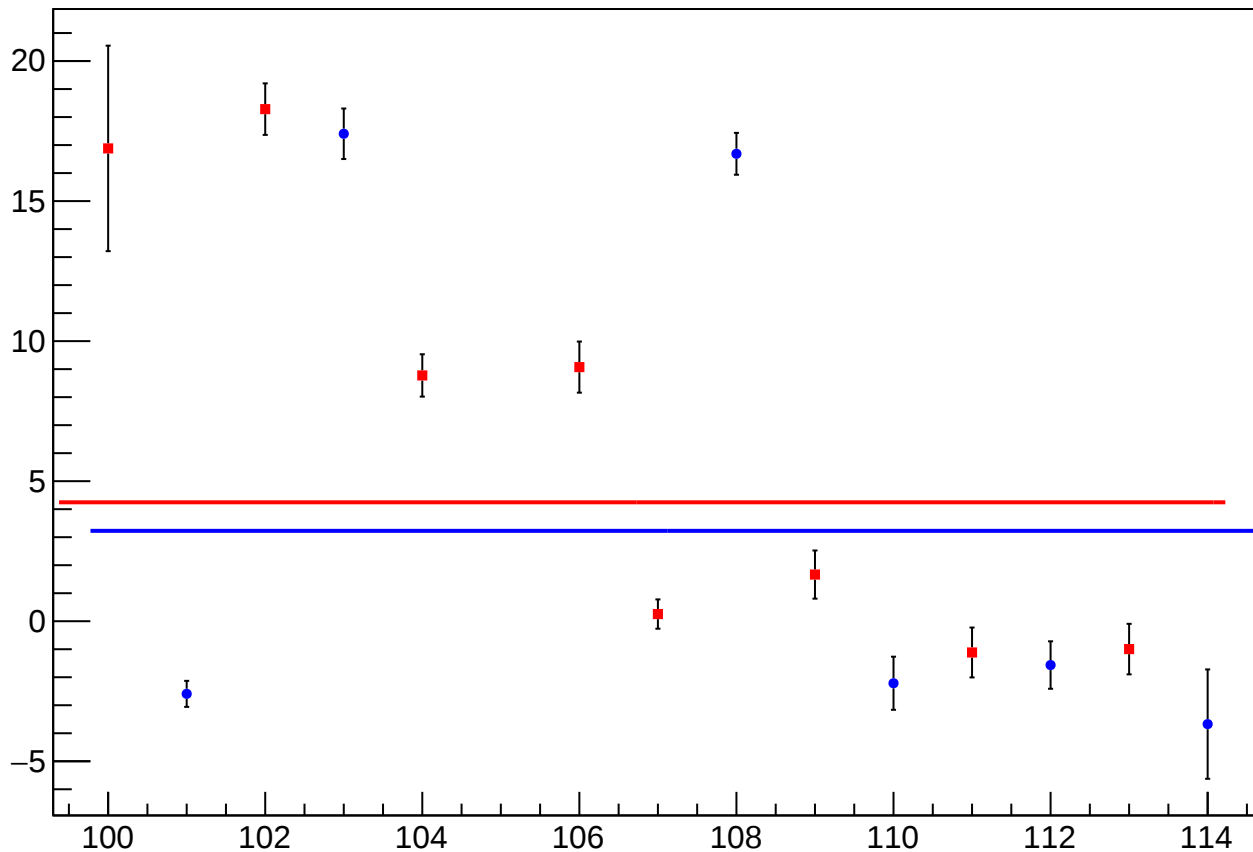
Right: 7.787+/-0.296 χ^2/NDF : 159.4/13

In: 6.352+/-0.433 χ^2/NDF : 62.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.787+/-0.296 χ^2/NDF : 159.4/13

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.227+/-0.310 χ^2/NDF : 805.9/5

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

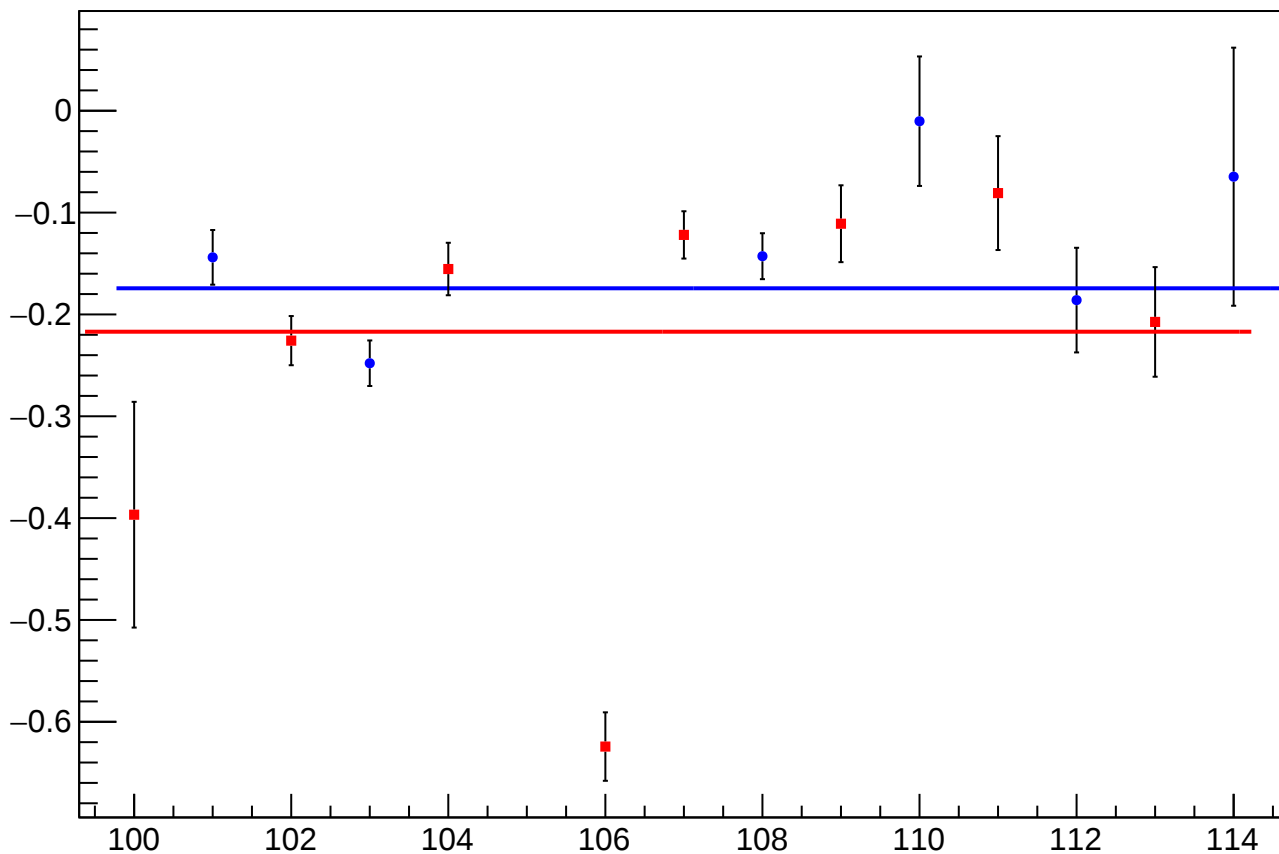
Right: 3.765+/-0.213 χ^2/NDF : 1257.5/13

In: 3.227+/-0.310 χ^2/NDF :805.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3.765+/-0.213 χ^2/NDF : 1257.5/13

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.174 ± 0.013 χ^2/NDF : 21.5/5

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

Right Out: -0.217 ± 0.012 χ^2/NDF : 186.0/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

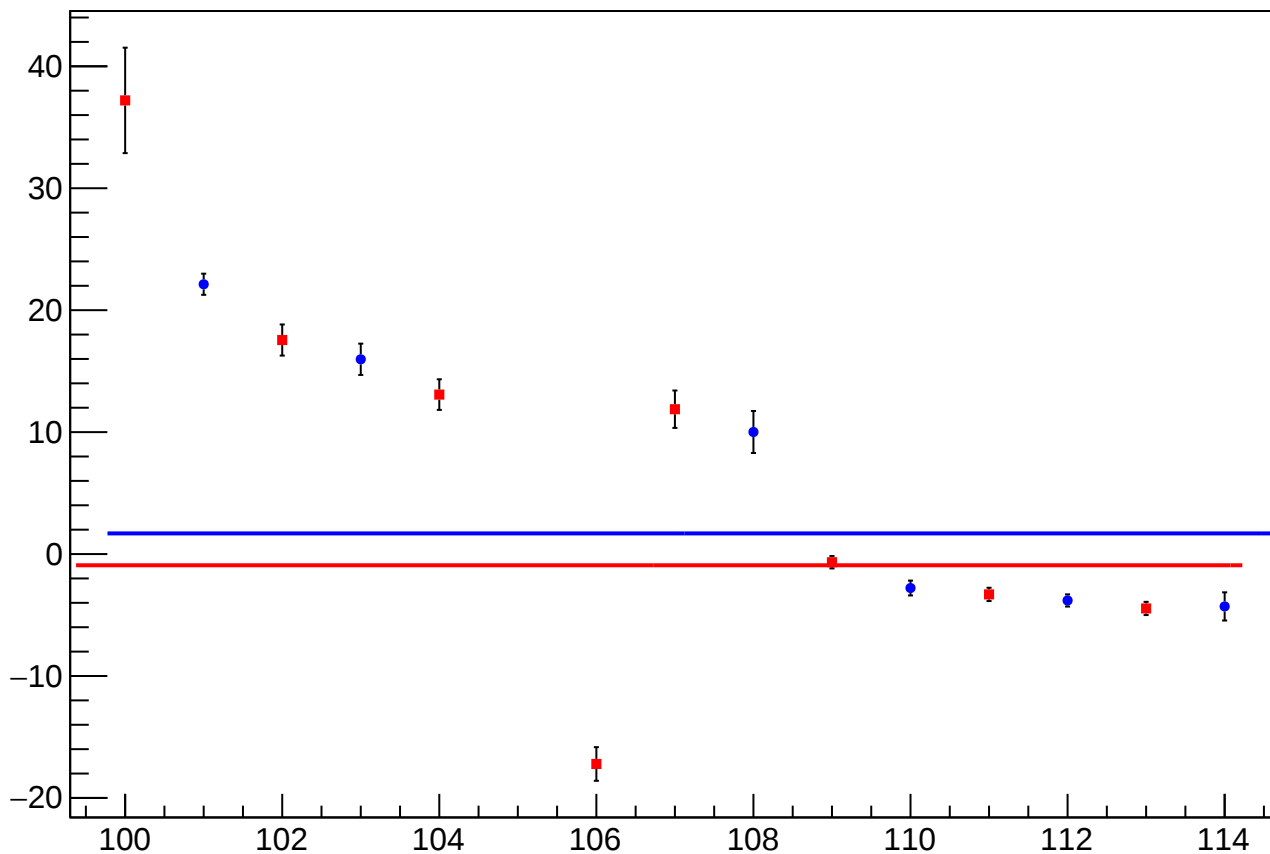
Right: -0.198 ± 0.009 χ^2/NDF : 213.5/13

In: -0.174 ± 0.013 χ^2/NDF : 21.5/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.198 ± 0.009 χ^2/NDF : 213.5/13

reg_asym_sam_15_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.693 $\pm$ 0.321 χ^2 /NDF: 904.7/5

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

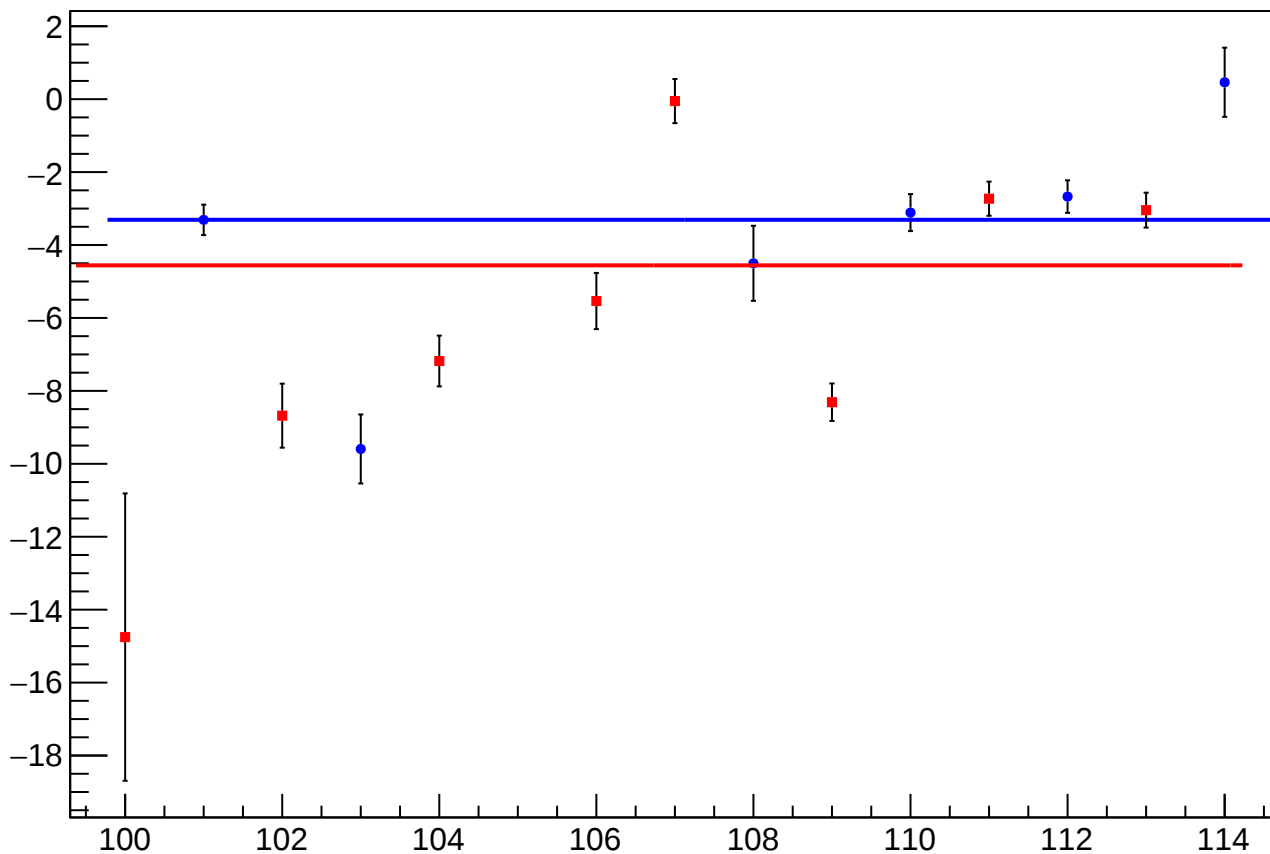
Right: 0.204 $\pm$ 0.210 χ^2 /NDF: 1625.4/13

In: 1.693 $\pm$ 0.321 χ^2 /NDF:904.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.204 $\pm$ 0.210 χ^2 /NDF: 1625.4/13

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.308 ± 0.237 χ^2/NDF : 63.5/5

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

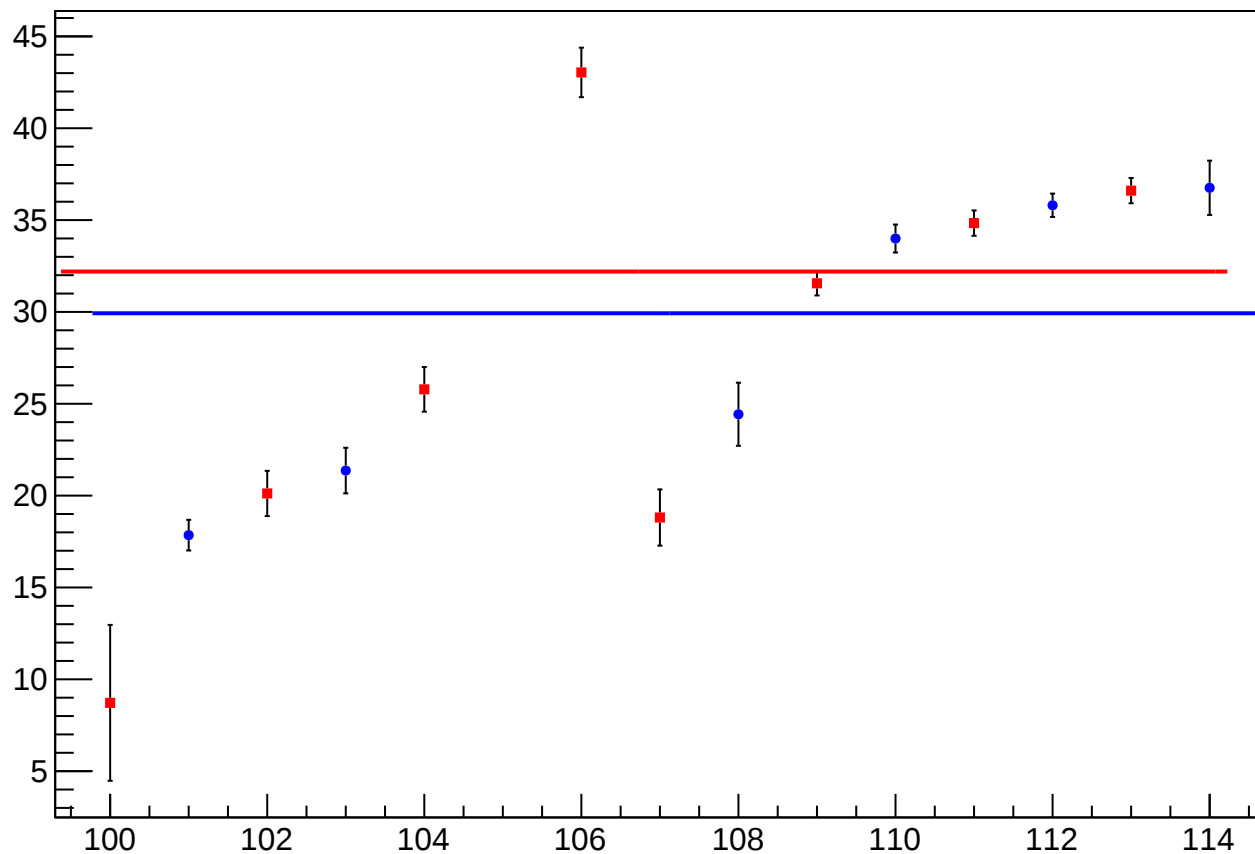
Right: -3.977 ± 0.161 χ^2/NDF : 257.0/13

In: -3.308 ± 0.237 χ^2/NDF : 63.5/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.977 ± 0.161 χ^2/NDF : 257.0/13

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.927+/-0.376 χ^2 /NDF: 402.5/5

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

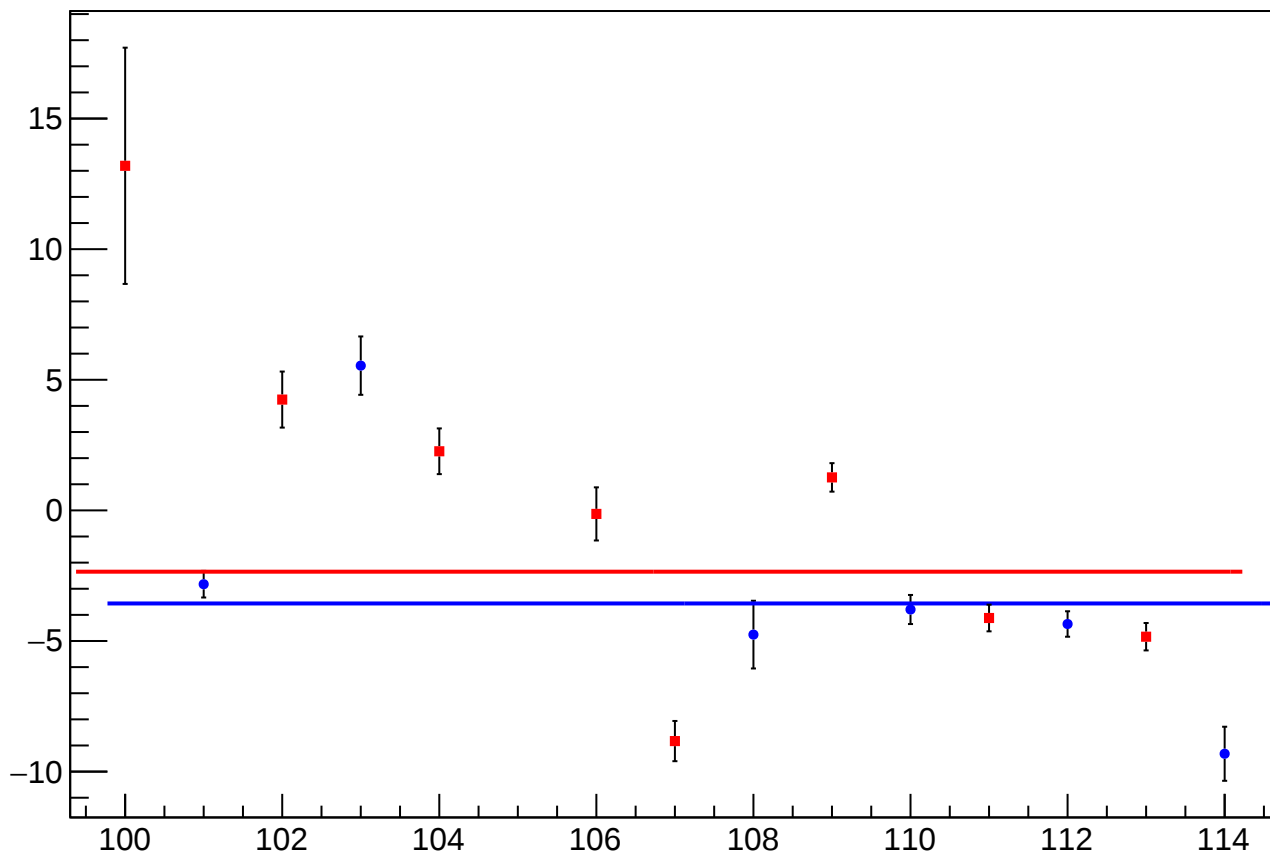
Right: 31.190+/-0.250 χ^2 /NDF: 775.1/13

In: 29.927+/-0.376 χ^2 /NDF:402.5/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 31.190+/-0.250 χ^2 /NDF: 775.1/13

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -3.563+/-0.271 χ^2/NDF : 103.0/5

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

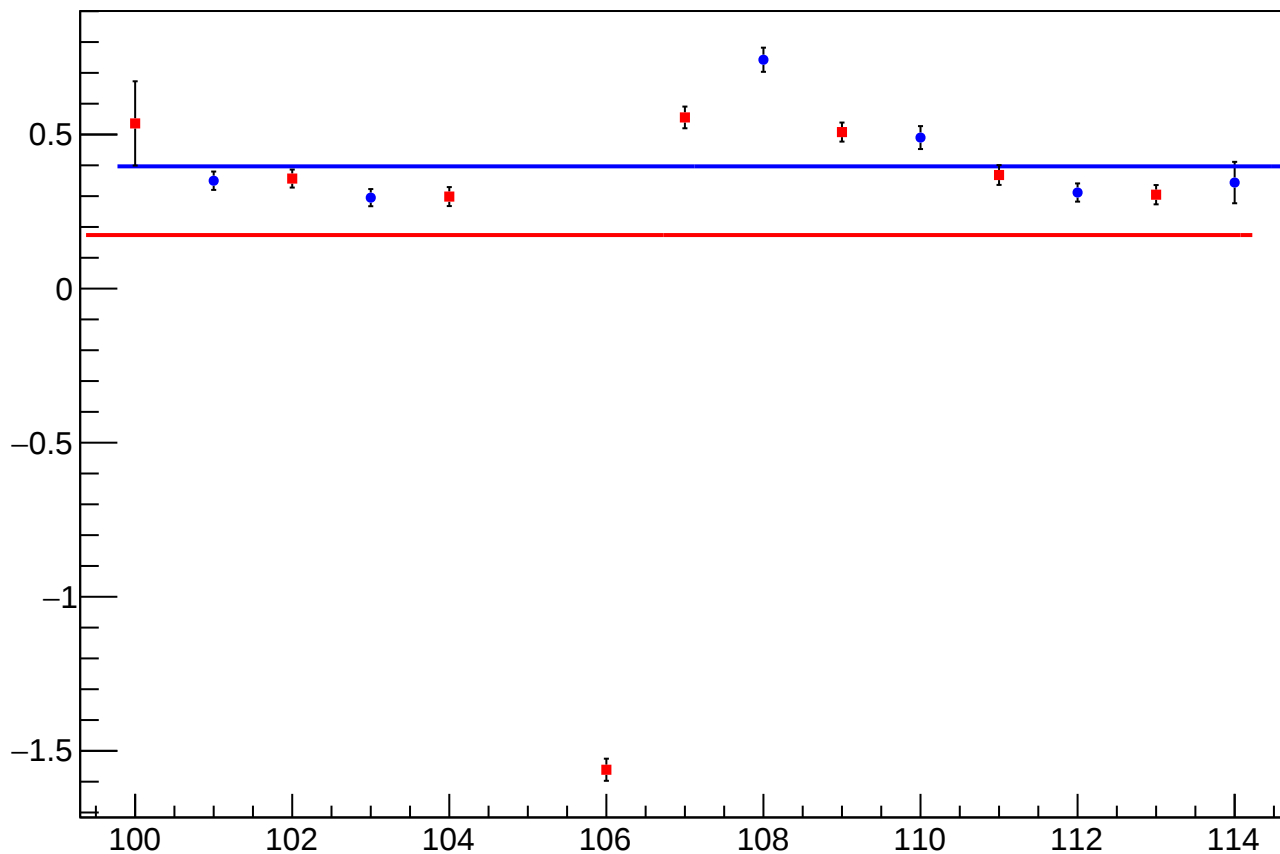
Right: -2.912+/-0.185 χ^2/NDF : 345.1/13

In: -3.563+/-0.271 χ^2/NDF :103.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.912+/-0.185 χ^2/NDF : 345.1/13

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.397+/-0.014 χ^2/NDF : 108.8/5

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

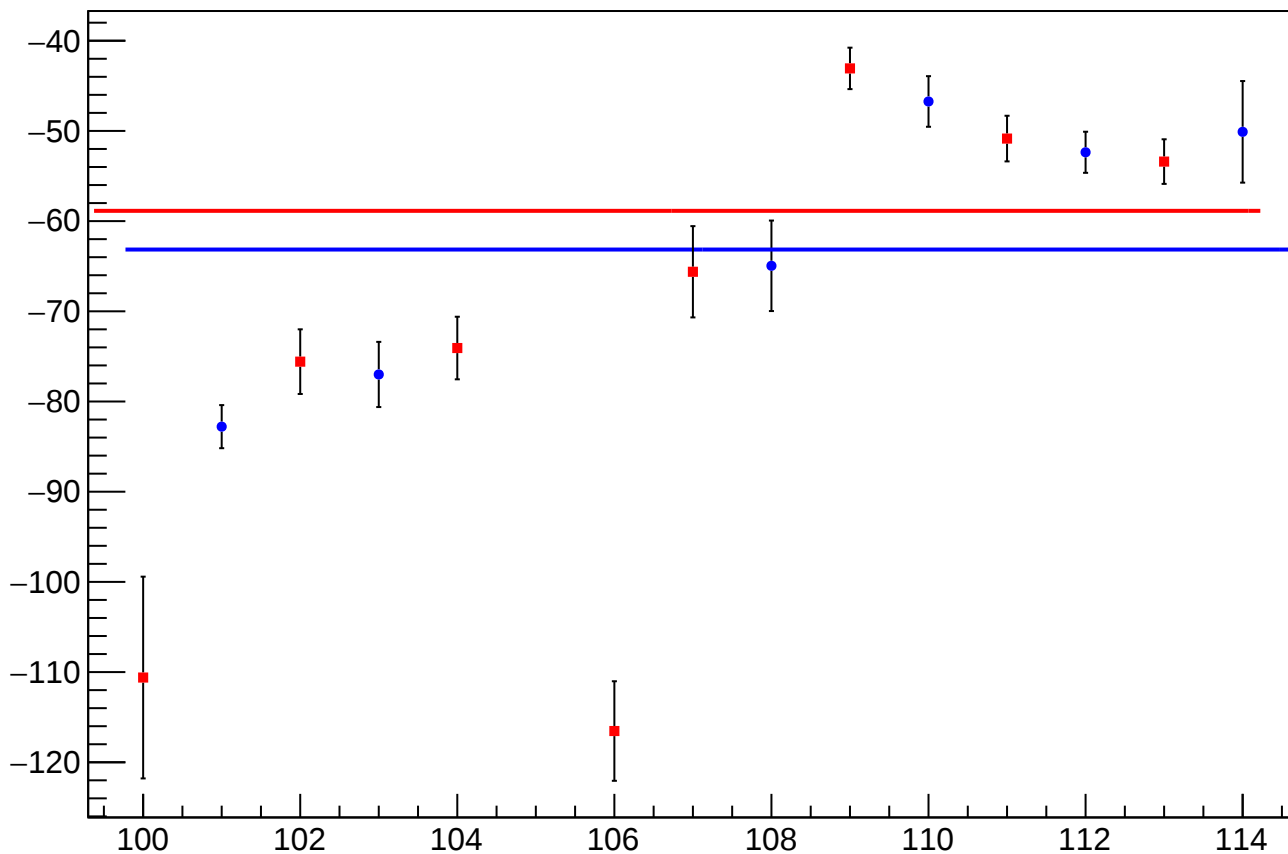
Right: 0.269+/-0.009 χ^2/NDF : 2944.0/13

In: 0.397+/-0.014 χ^2/NDF : 108.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.269+/-0.009 χ^2/NDF : 2944.0/13

reg_asym_sam_24_68_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -63.151+/-1.247 χ^2/NDF : 144.4/5

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

Right Out: -58.860+/-1.155 χ^2/NDF : 235.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

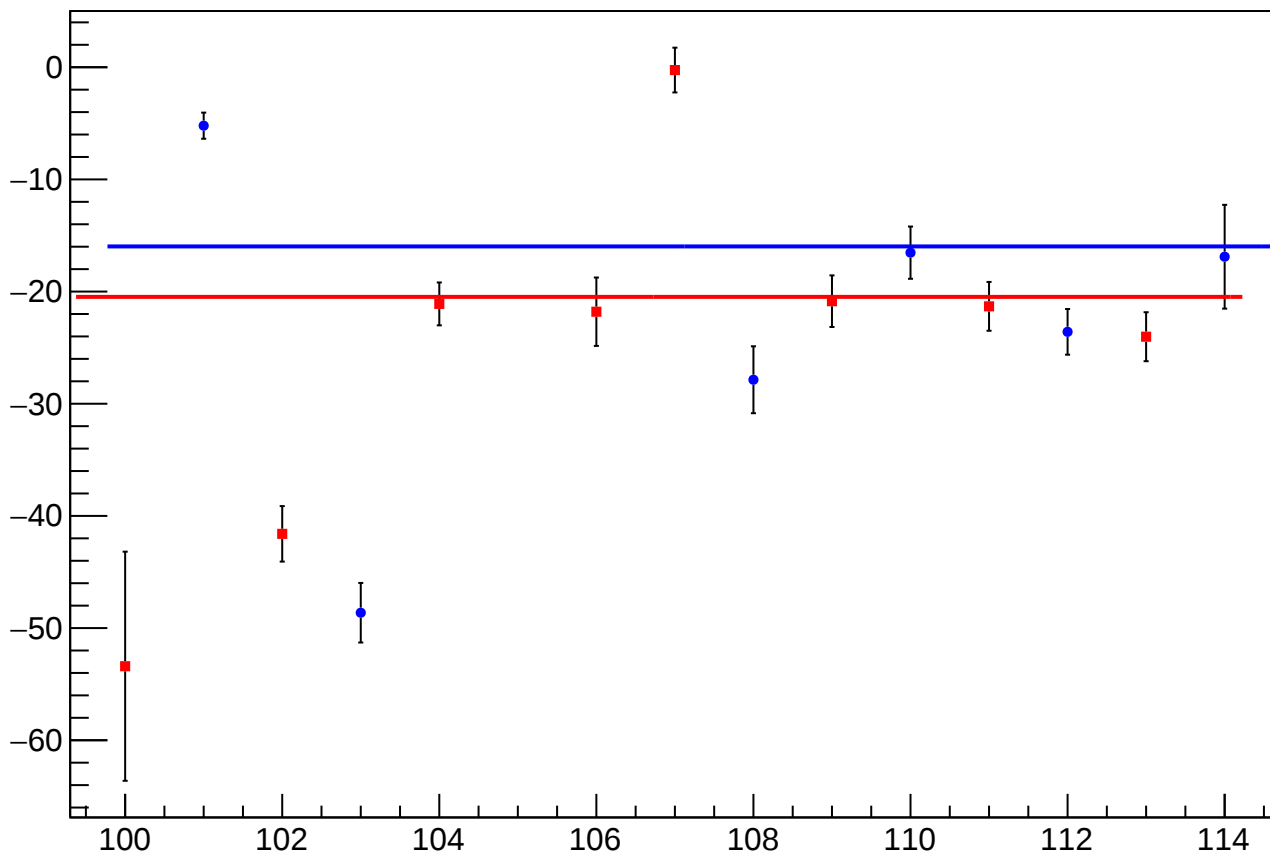
Right: -60.840+/-0.847 χ^2/NDF : 386.3/13

In: -63.151+/-1.247 χ^2/NDF : 144.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -60.840+/-0.847 χ^2/NDF : 386.3/13

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -15.975+/-0.826 χ^2/NDF : 266.5/5

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

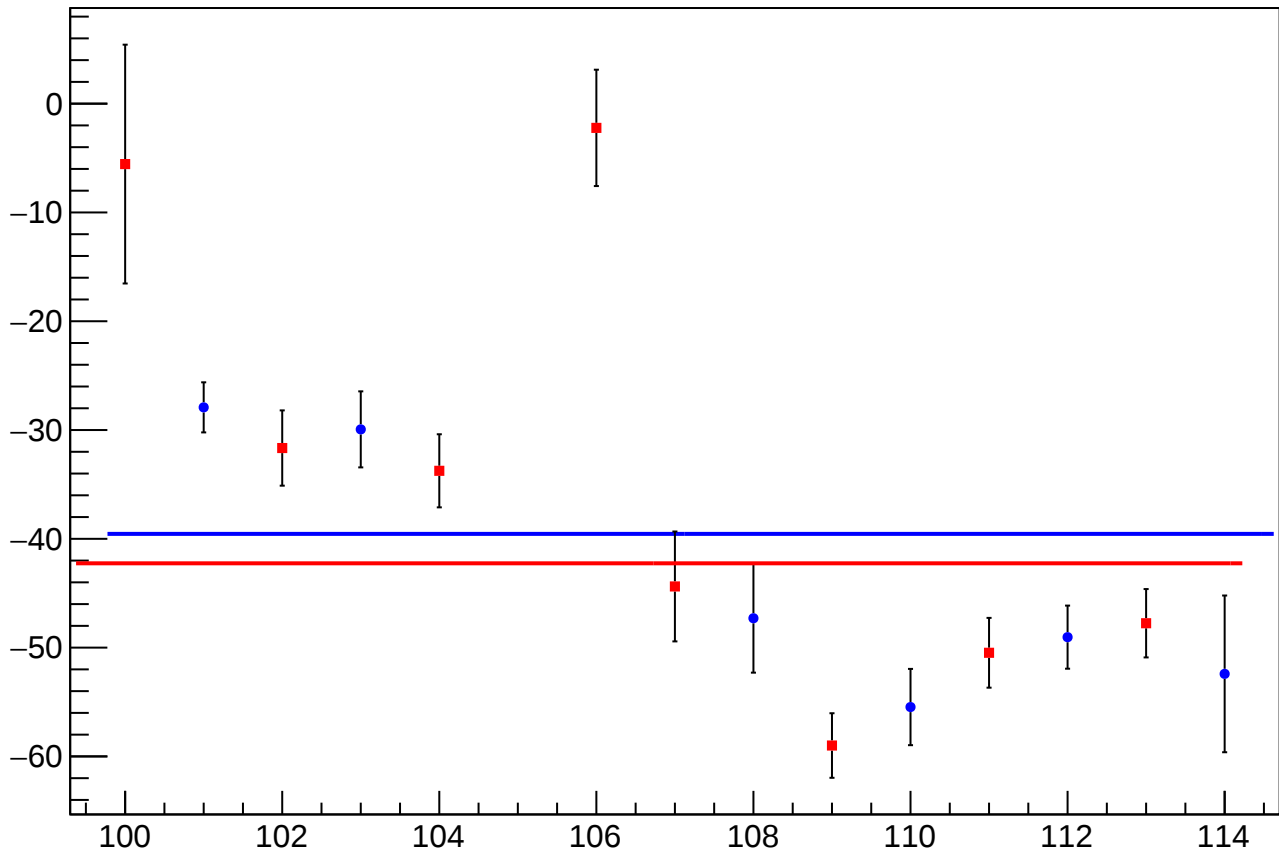
Right: -18.186+/-0.589 χ^2/NDF : 470.2/13

In: -15.975+/-0.826 χ^2/NDF : 266.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.186+/-0.589 χ^2/NDF : 470.2/13

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -39.546 $\pm$ 1.374 χ^2 /NDF: 70.0/5

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

Right Out: -42.251 $\pm$ 1.328 χ^2 /NDF: 124.7/7

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

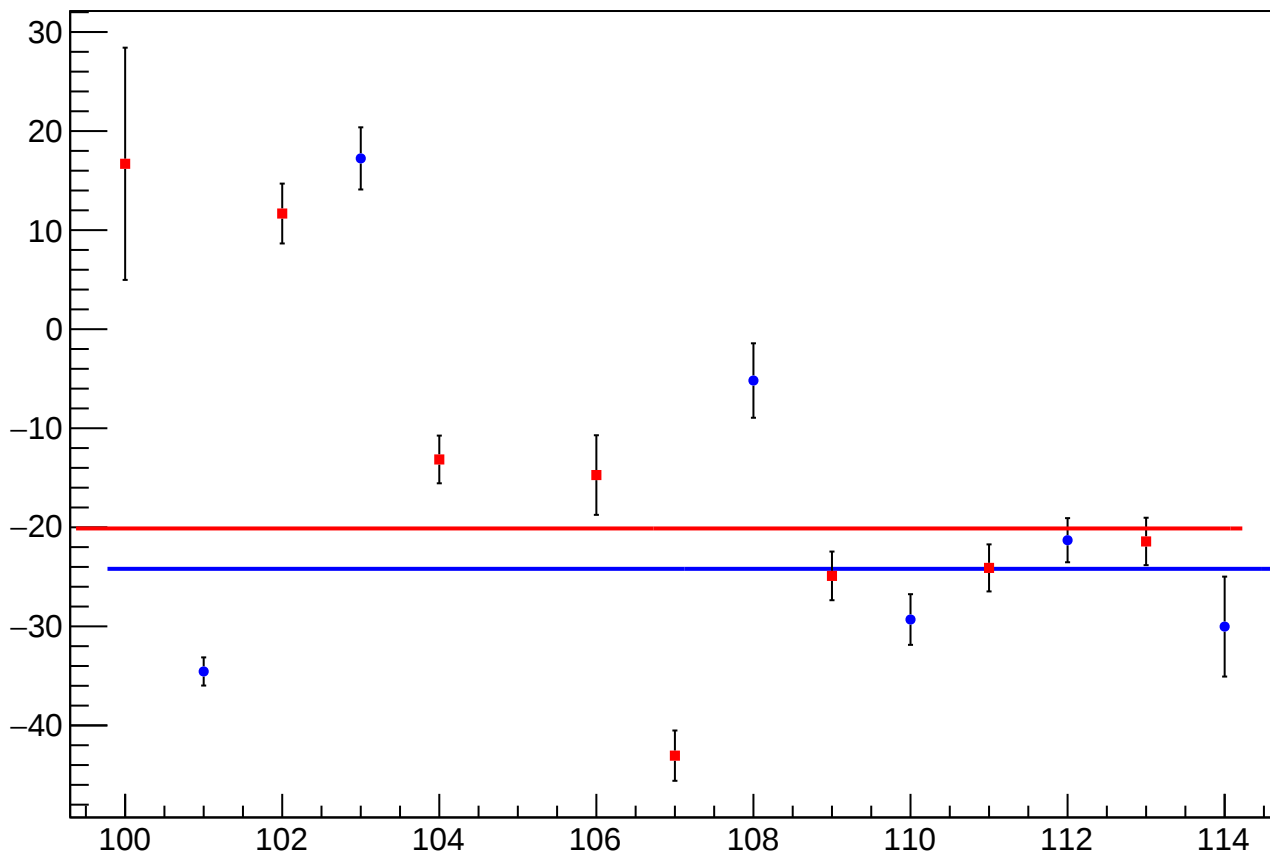
Right: -40.943 $\pm$ 0.955 χ^2 /NDF: 196.7/13

In: -39.546 $\pm$ 1.374 χ^2 /NDF:70.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -40.943 $\pm$ 0.955 χ^2 /NDF: 196.7/13

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -24.193 $\pm$ 0.971 χ^2 /NDF: 260.1/5

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

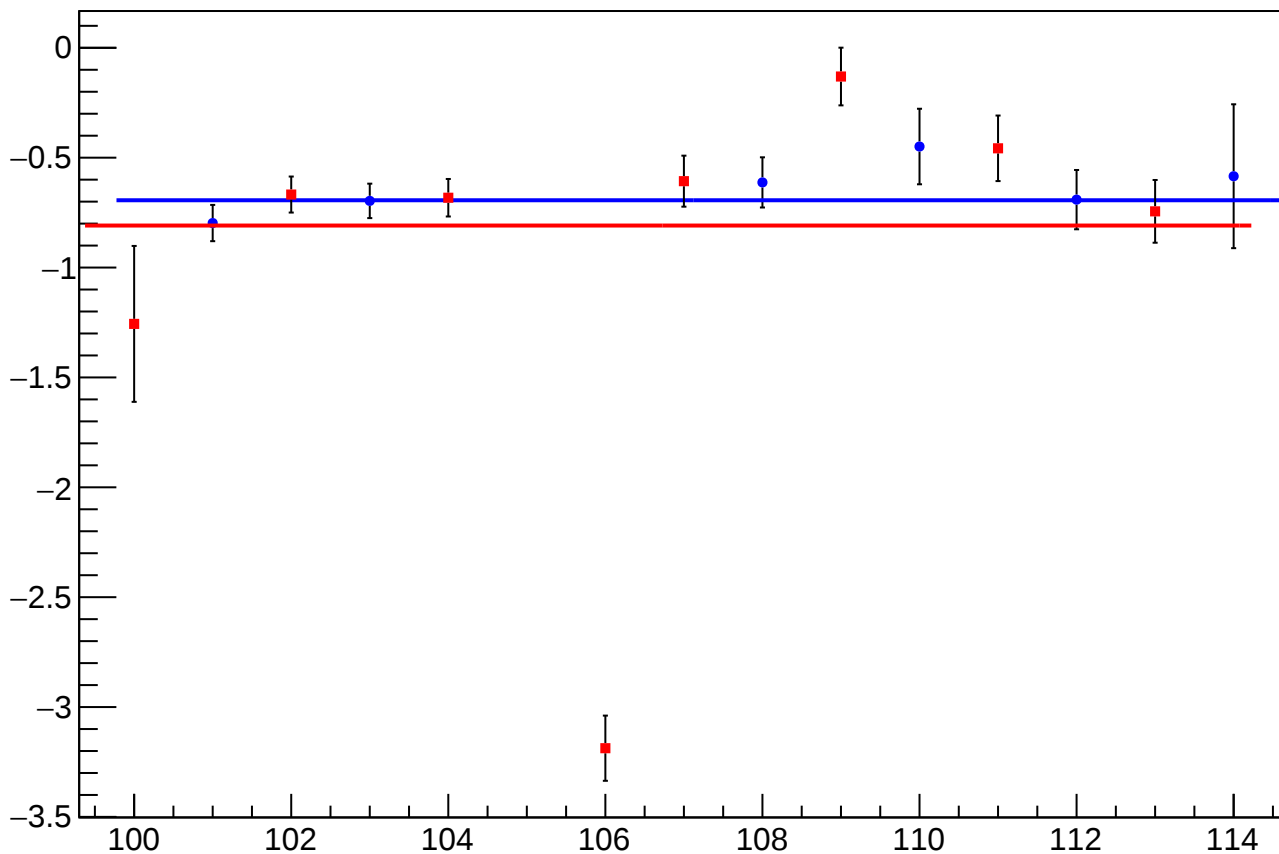
Right: -22.190 $\pm$ 0.693 χ^2 /NDF: 488.0/13

In: -24.193 $\pm$ 0.971 χ^2 /NDF:260.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -22.190 $\pm$ 0.693 χ^2 /NDF: 488.0/13

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.694+/-0.045 χ^2/NDF : 4.2/5

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

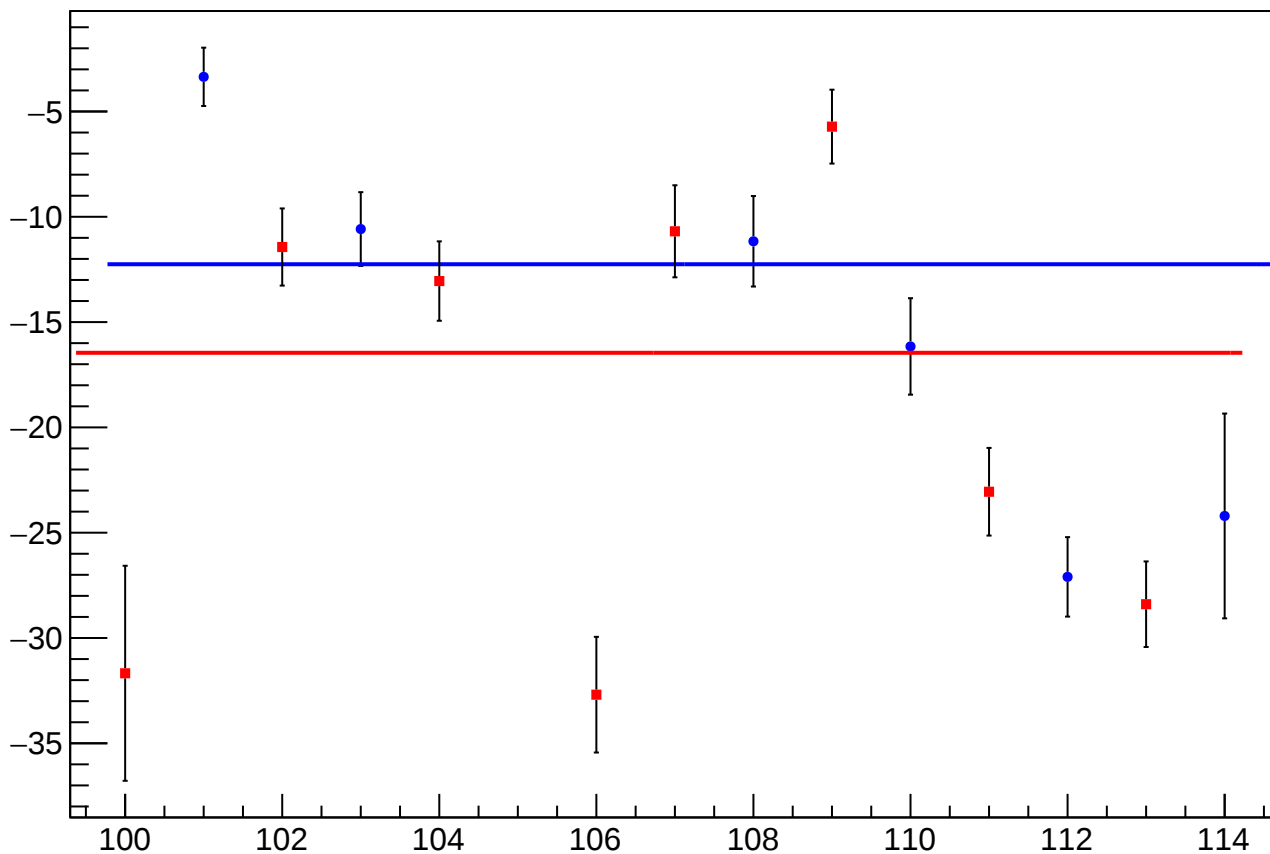
Right: -0.756+/-0.031 χ^2/NDF : 307.0/13

In: -0.694+/-0.045 χ^2/NDF : 4.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.756+/-0.031 χ^2/NDF : 307.0/13

reg_asym_sam_26_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -12.253+/-0.796 χ^2/NDF : 113.3/5

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

Right Out: -16.457+/-0.754 χ^2/NDF : 143.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

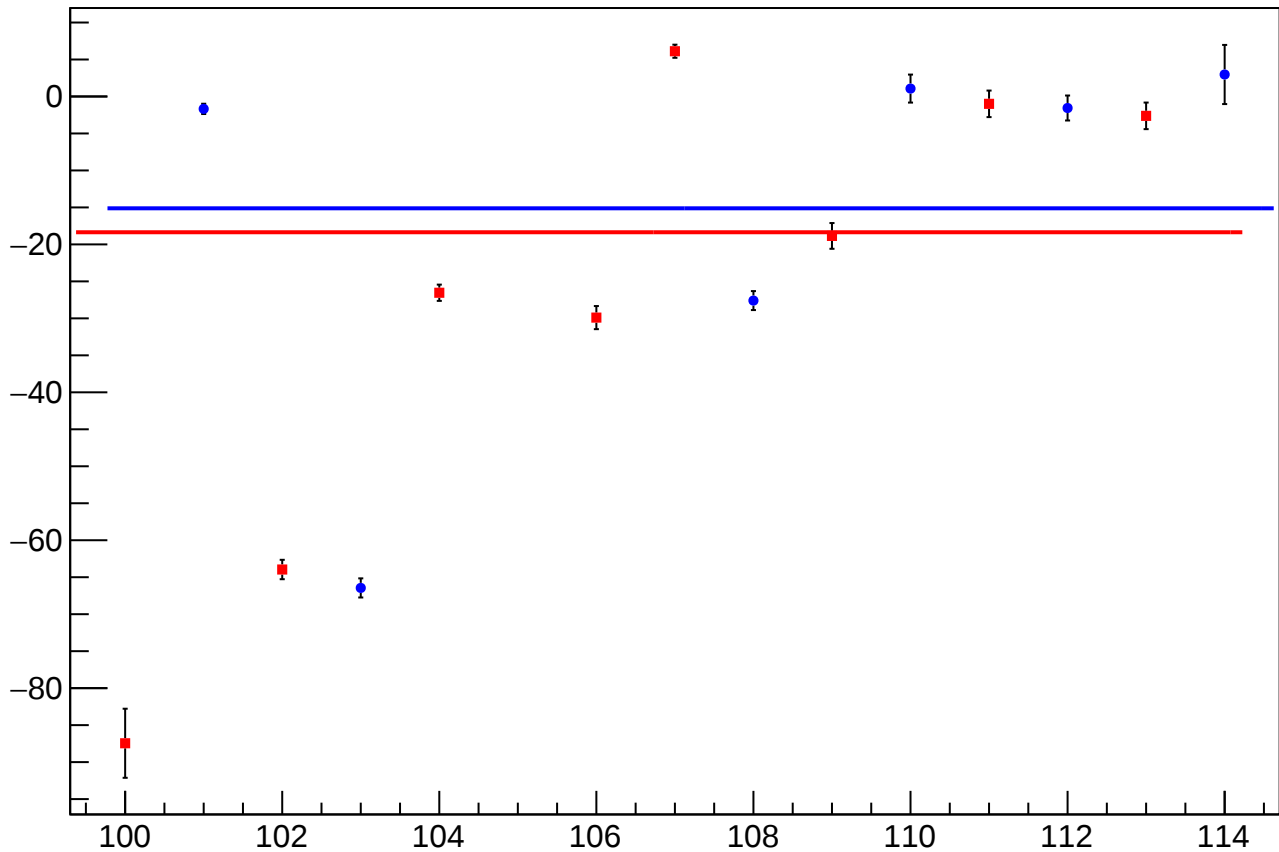
Right: -14.469+/-0.548 χ^2/NDF : 271.6/13

In: -12.253+/-0.796 χ^2/NDF : 113.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.469+/-0.548 χ^2/NDF : 271.6/13

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -15.120+/-0.502 χ^2/NDF : 2203.2/5

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

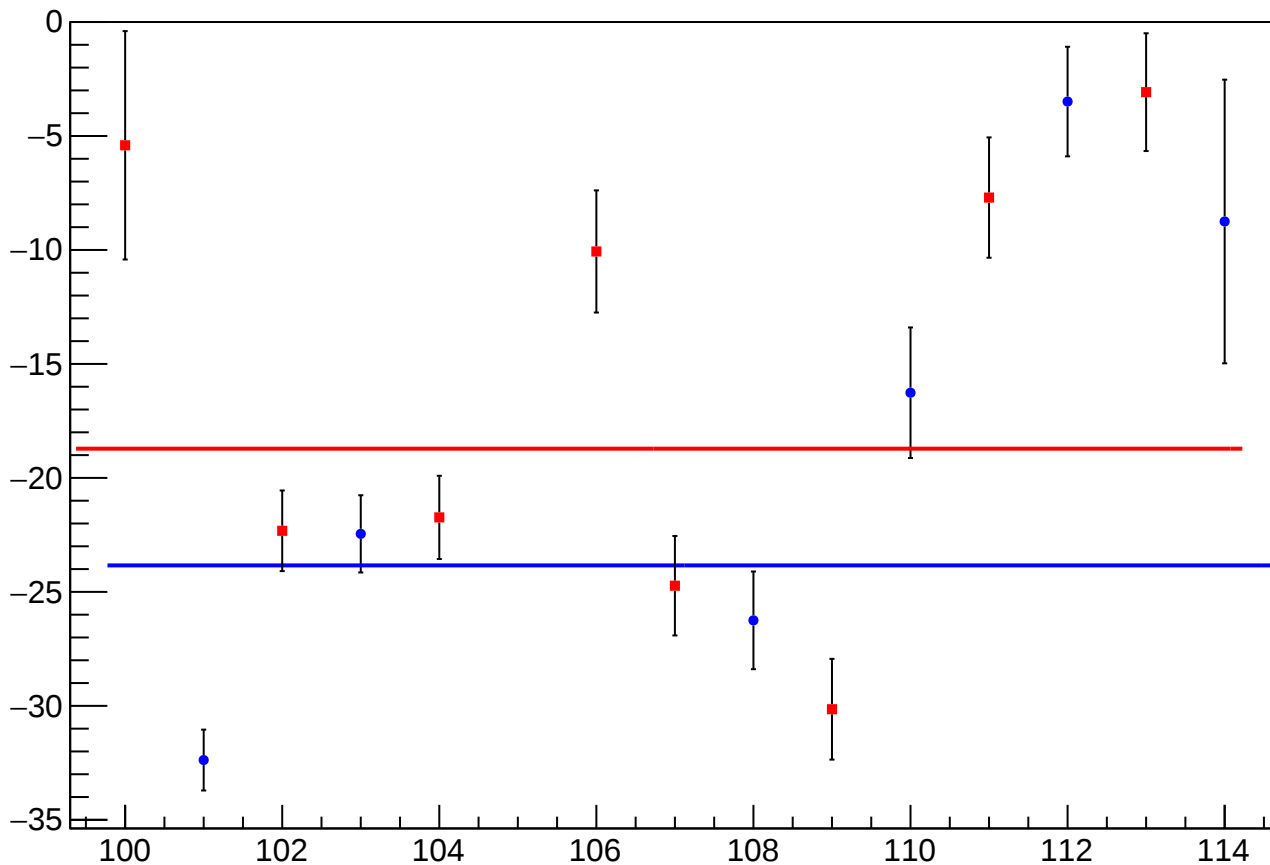
Right: -16.762+/-0.352 χ^2/NDF : 4693.9/13

In: -15.120+/-0.502 χ^2/NDF : 2203.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.762+/-0.352 χ^2/NDF : 4693.9/13

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -23.838 ± 0.831 χ^2/NDF : 127.4/5

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

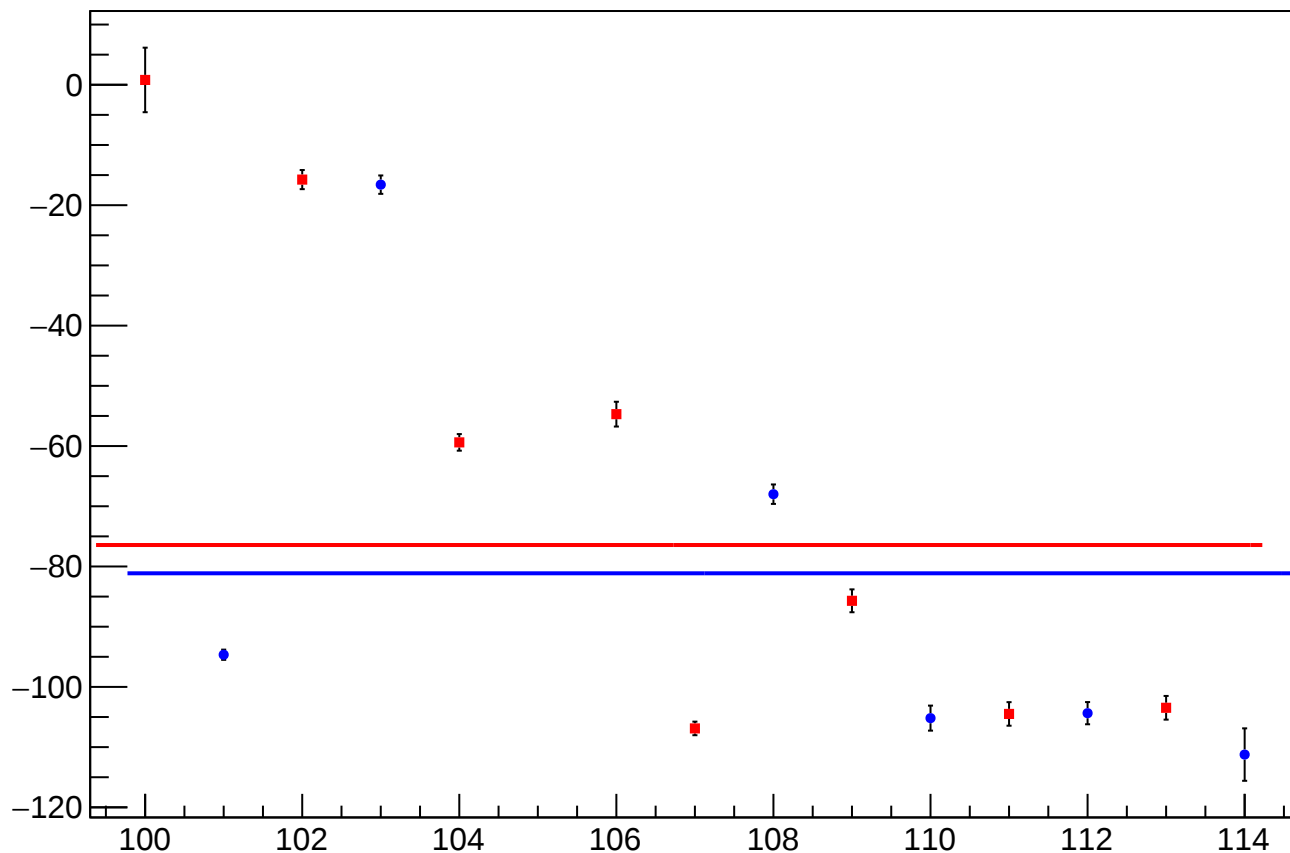
Right: -21.227 ± 0.582 χ^2/NDF : 259.6/13

In: -23.838 ± 0.831 χ^2/NDF : 127.4/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -21.227 ± 0.582 χ^2/NDF : 259.6/13

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -81.132 ± 0.600 χ^2/NDF : 2446.5/5

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

Right Out: -76.434 ± 0.600 χ^2/NDF : 3080.4/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

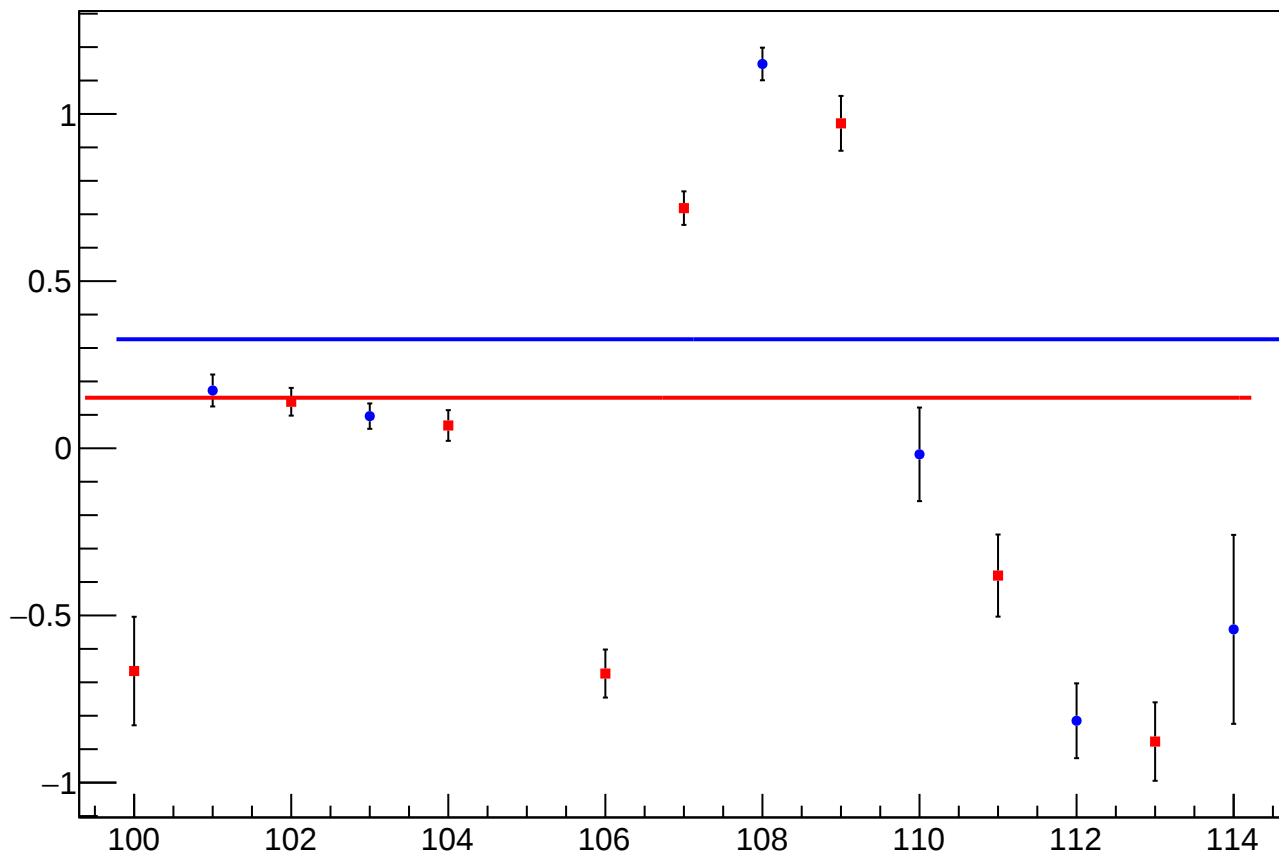
Right: -78.783 ± 0.424 χ^2/NDF : 5557.4/13

In: -81.132 ± 0.600 χ^2/NDF : 2446.5/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -78.783 ± 0.424 χ^2/NDF : 5557.4/13

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.326+/-0.024 χ^2/NDF : 451.6/5

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

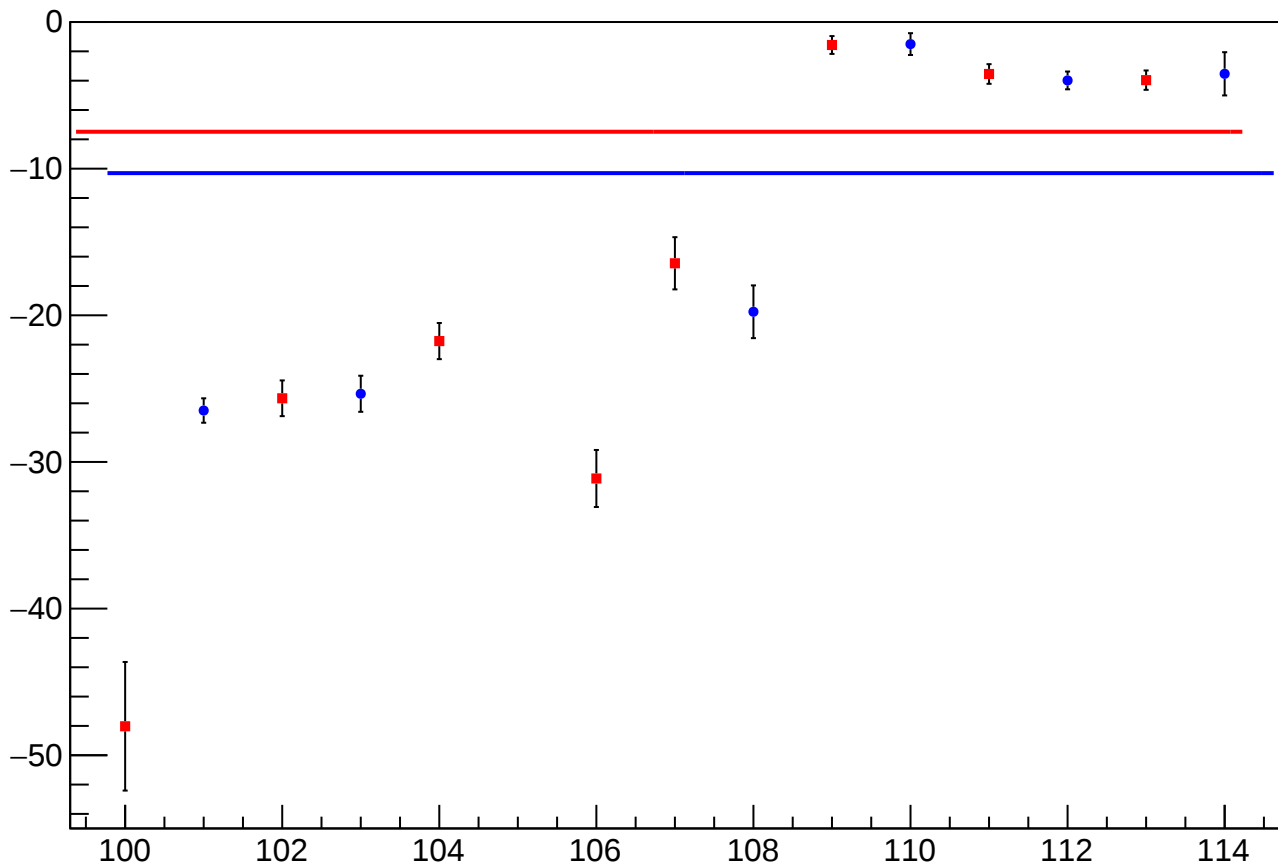
Right: 0.232+/-0.017 χ^2/NDF : 963.5/13

In: 0.326+/-0.024 χ^2/NDF : 451.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.232+/-0.017 χ^2/NDF : 963.5/13

reg_asym_sam_1357_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -10.305+/-0.368 χ^2/NDF : 824.5/5

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

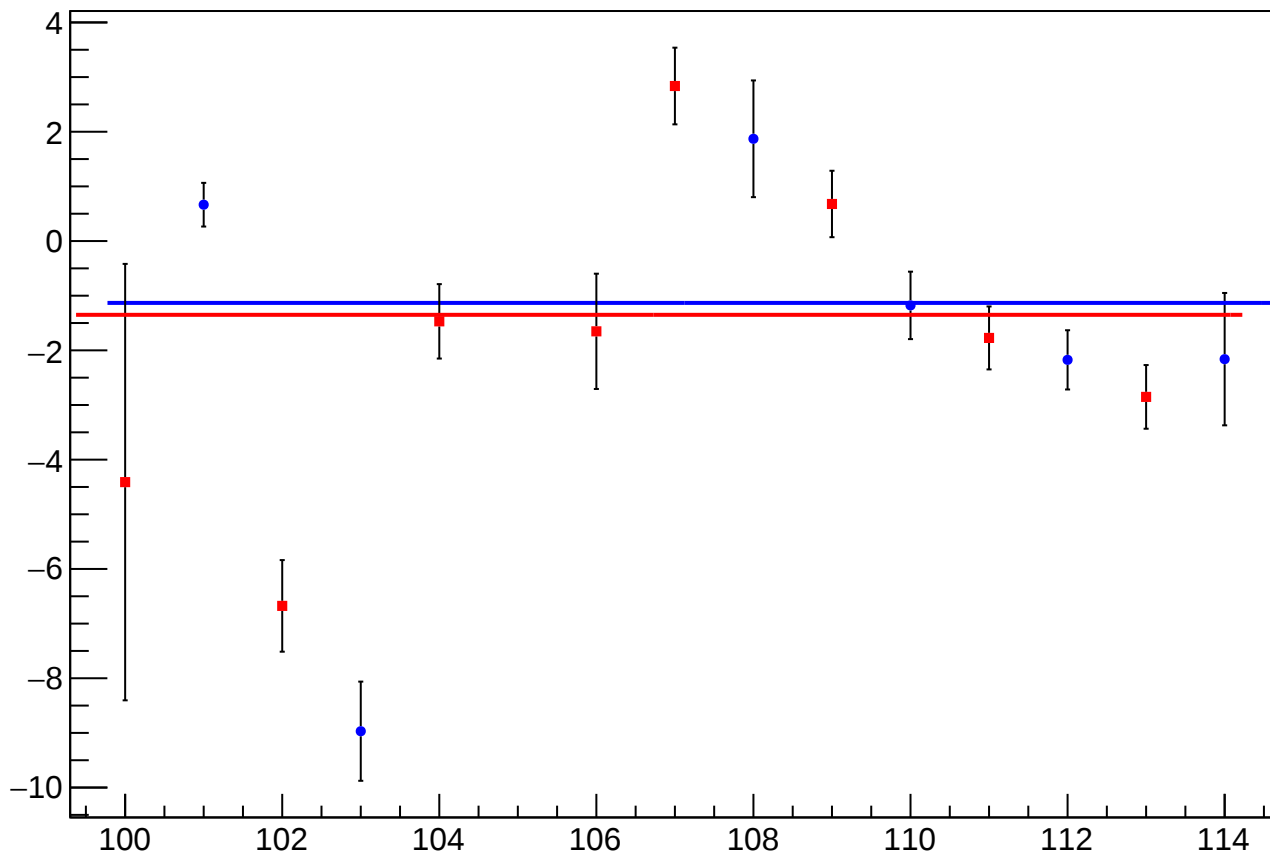
Right: -8.741+/-0.246 χ^2/NDF : 1630.3/13

In: -10.305+/-0.368 χ^2/NDF : 824.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.741+/-0.246 χ^2/NDF : 1630.3/13

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.132 $\pm$ 0.258 χ^2 /NDF: 107.1/5

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

Right Out: -1.350 $\pm$ 0.256 χ^2 /NDF: 95.0/7

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

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

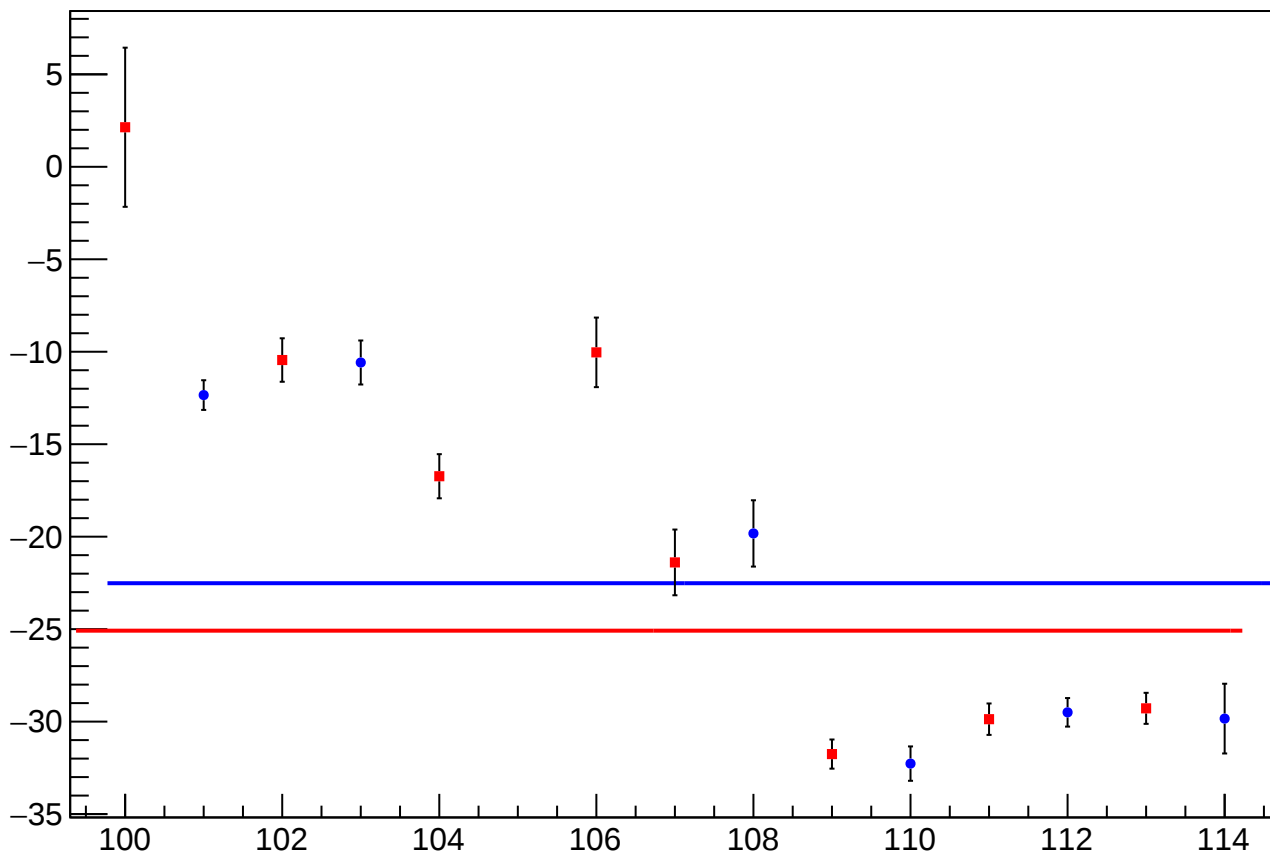
Right: -1.242 $\pm$ 0.182 χ^2 /NDF: 202.5/13

In: -1.132 $\pm$ 0.258 χ^2 /NDF:107.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.242 $\pm$ 0.182 χ^2 /NDF: 202.5/13

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -22.517 $\pm$ 0.419 χ^2 /NDF: 470.6/5

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

Right Out: -25.083 $\pm$ 0.392 χ^2 /NDF: 440.8/7

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

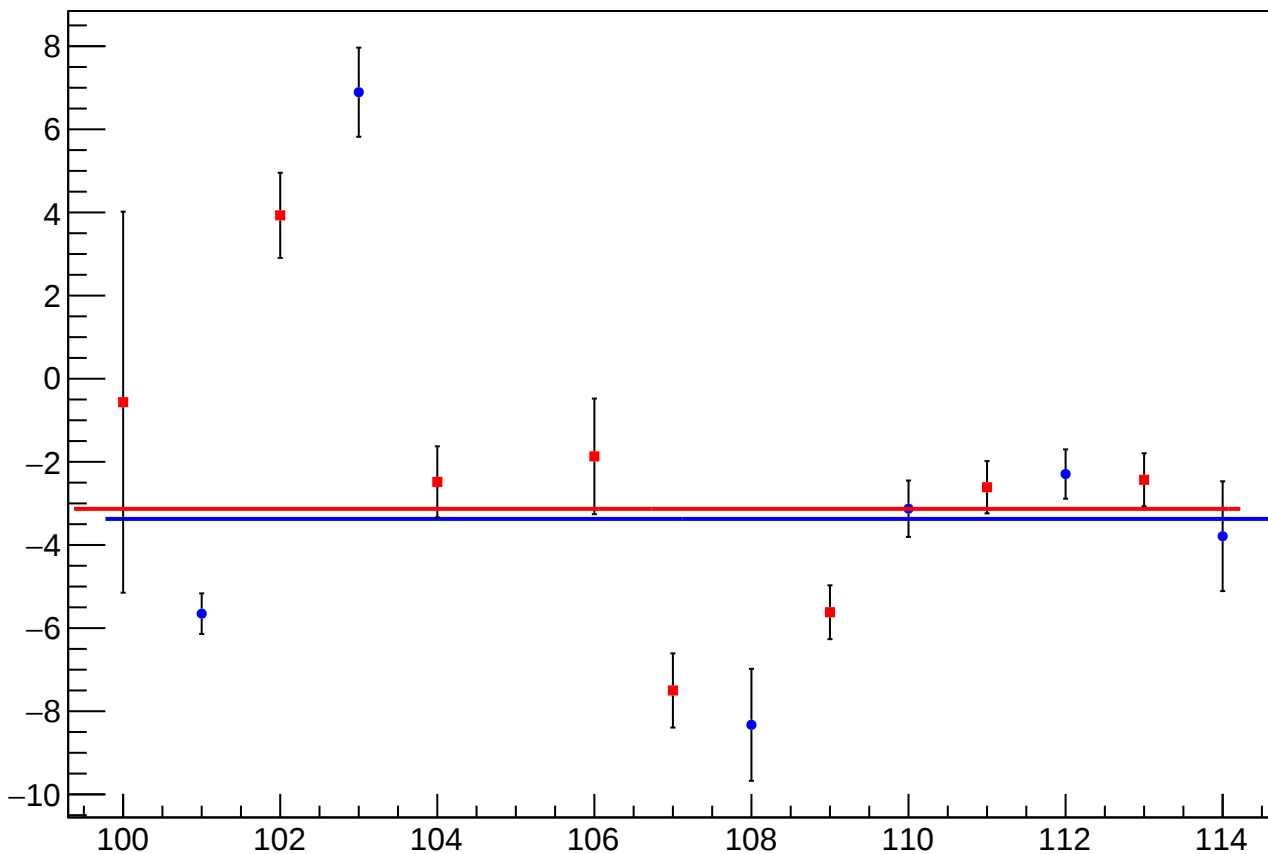
Right: -23.885 $\pm$ 0.286 χ^2 /NDF: 931.4/13

In: -22.517 $\pm$ 0.419 χ^2 /NDF:470.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -23.885 $\pm$ 0.286 χ^2 /NDF: 931.4/13

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -3.373+/-0.299 χ^2/NDF : 130.7/5

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

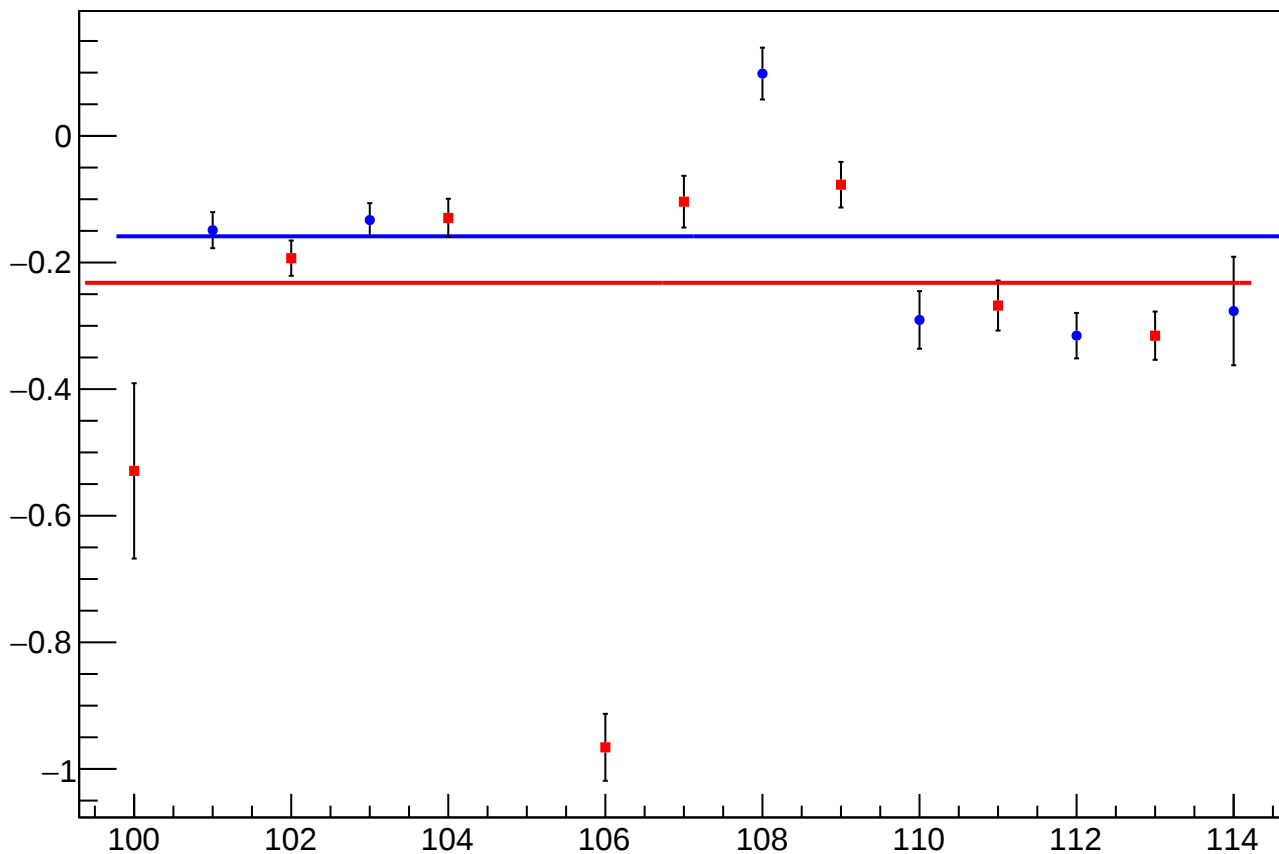
Right: -3.251+/-0.210 χ^2/NDF : 220.8/13

In: -3.373+/-0.299 χ^2/NDF : 130.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.251+/-0.210 χ^2/NDF : 220.8/13

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.159+/-0.015 χ^2/NDF : 69.9/5

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

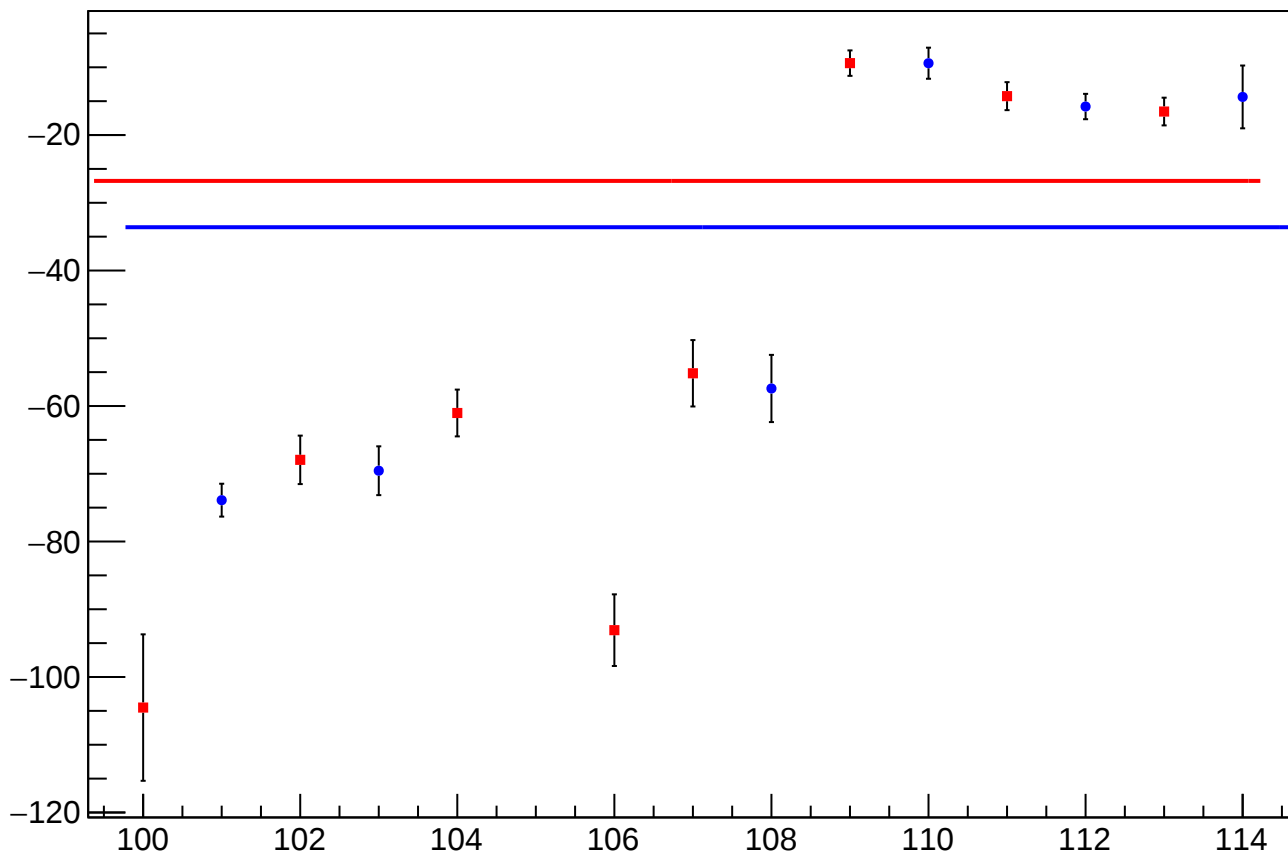
Right: -0.198+/-0.010 χ^2/NDF : 327.9/13

In: -0.159+/-0.015 χ^2/NDF : 69.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.198+/-0.010 χ^2/NDF : 327.9/13

reg_asym_sam_2468_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -33.607+/-1.111 χ^2/NDF : 617.4/5

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

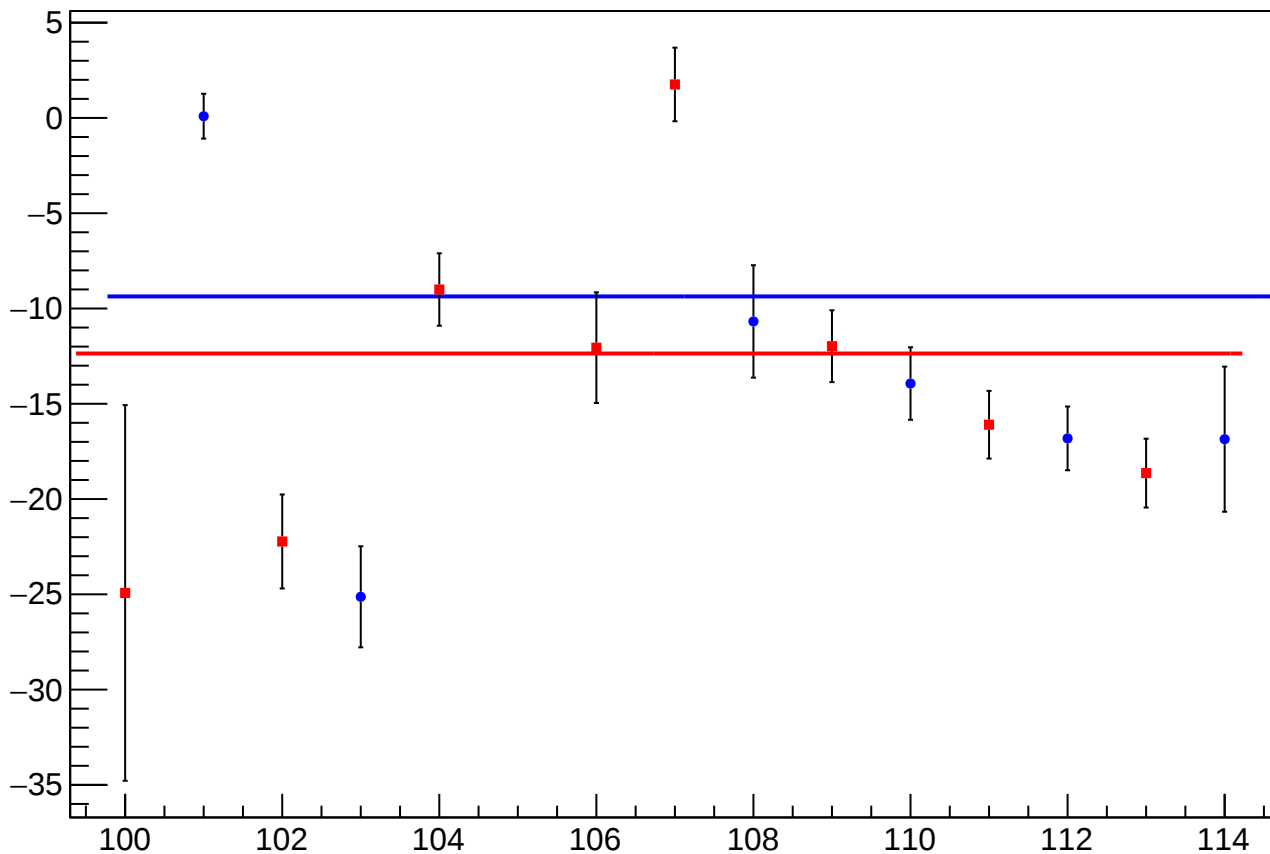
Right: -29.820+/-0.742 χ^2/NDF : 1259.2/13

In: -33.607+/-1.111 χ^2/NDF : 617.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.820+/-0.742 χ^2/NDF : 1259.2/13

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -9.366+/-0.771 χ^2/NDF : 129.7/5

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

Right Out: -12.363+/-0.757 χ^2/NDF : 90.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

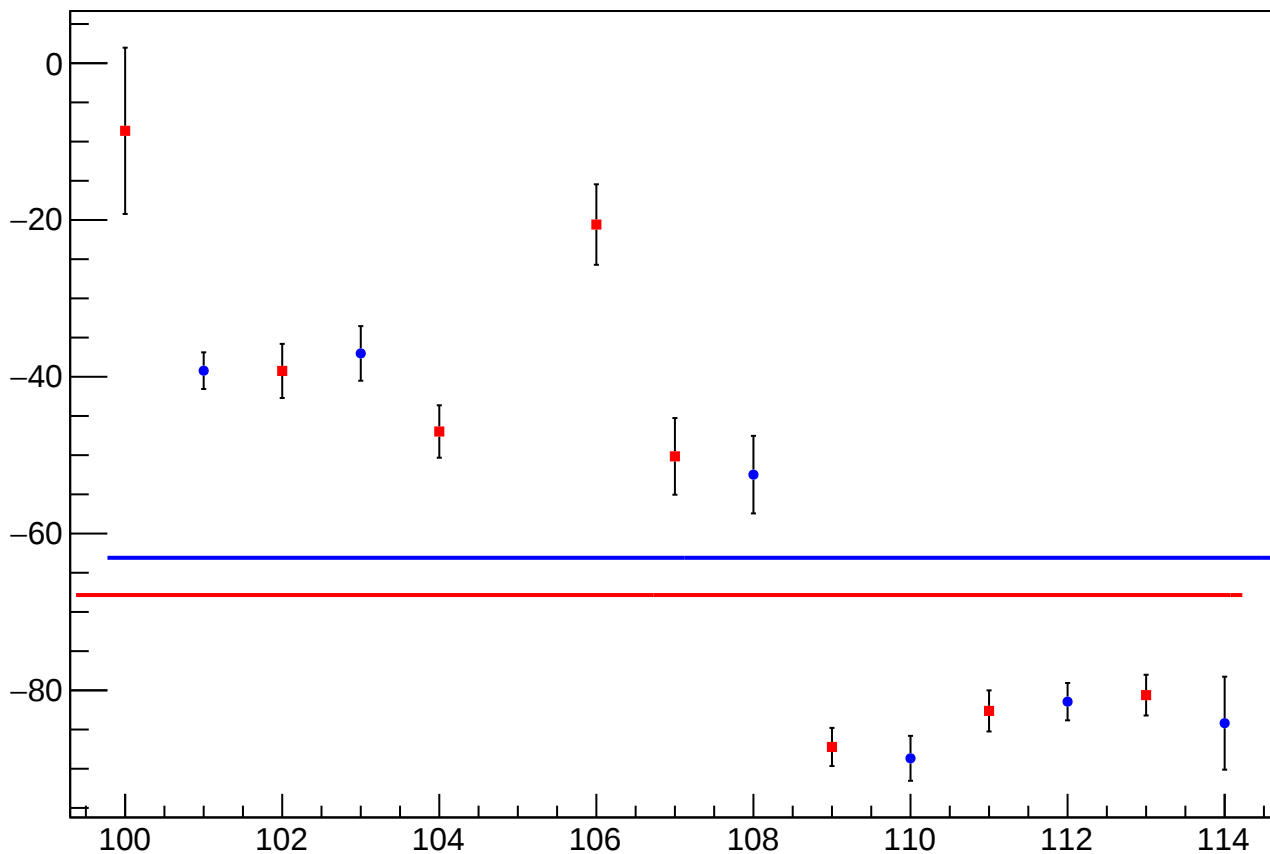
Right: -10.891+/-0.540 χ^2/NDF : 228.1/13

In: -9.366+/-0.771 χ^2/NDF : 129.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.891+/-0.540 χ^2/NDF : 228.1/13

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -63.091+/-1.257 χ^2/NDF : 316.4/5

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

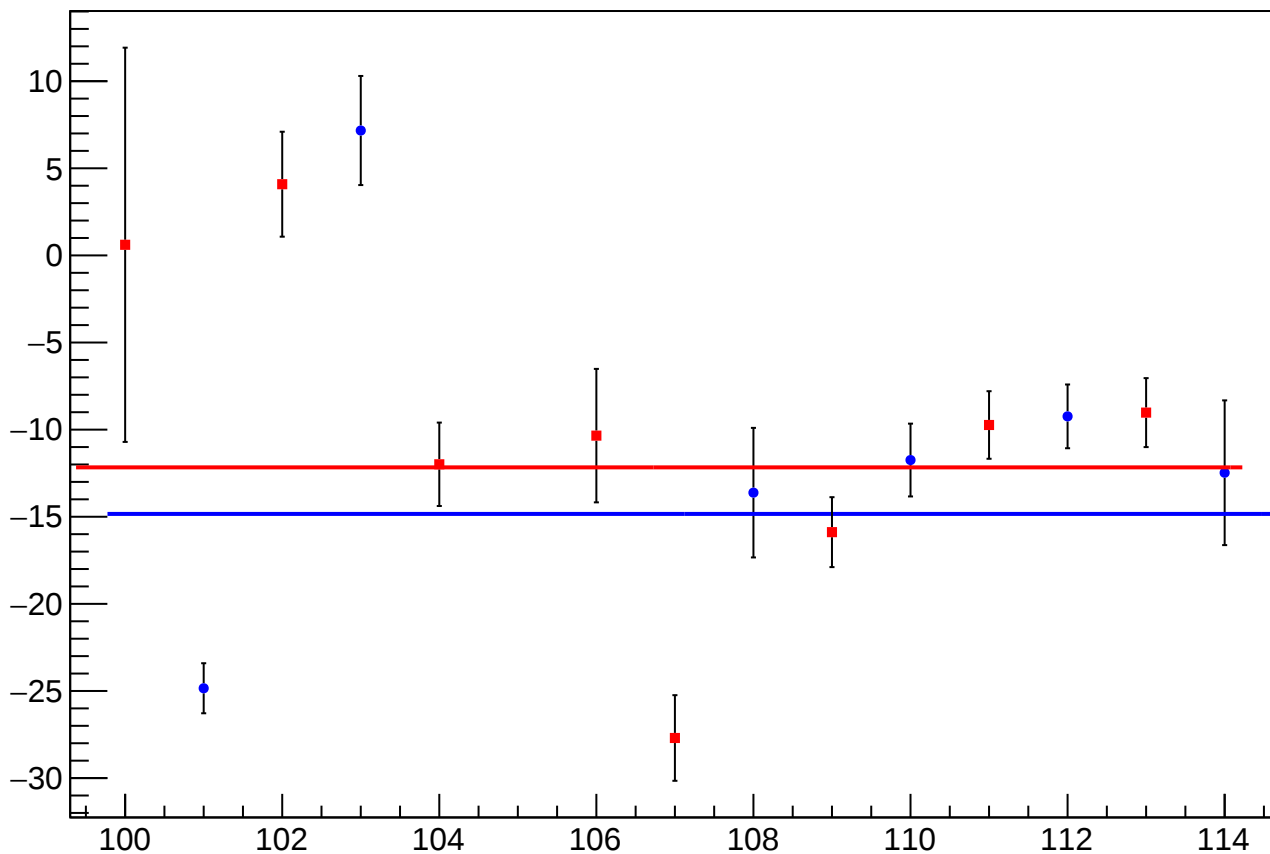
Right: -65.629+/-0.858 χ^2/NDF : 680.0/13

In: -63.091+/-1.257 χ^2/NDF : 316.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.629+/-0.858 χ^2/NDF : 680.0/13

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.838 ± 0.896 $\chi^2/\text{NDF}: 109.9/5$

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

Right Out: -12.166 ± 0.878 $\chi^2/\text{NDF}: 78.1/7$

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

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

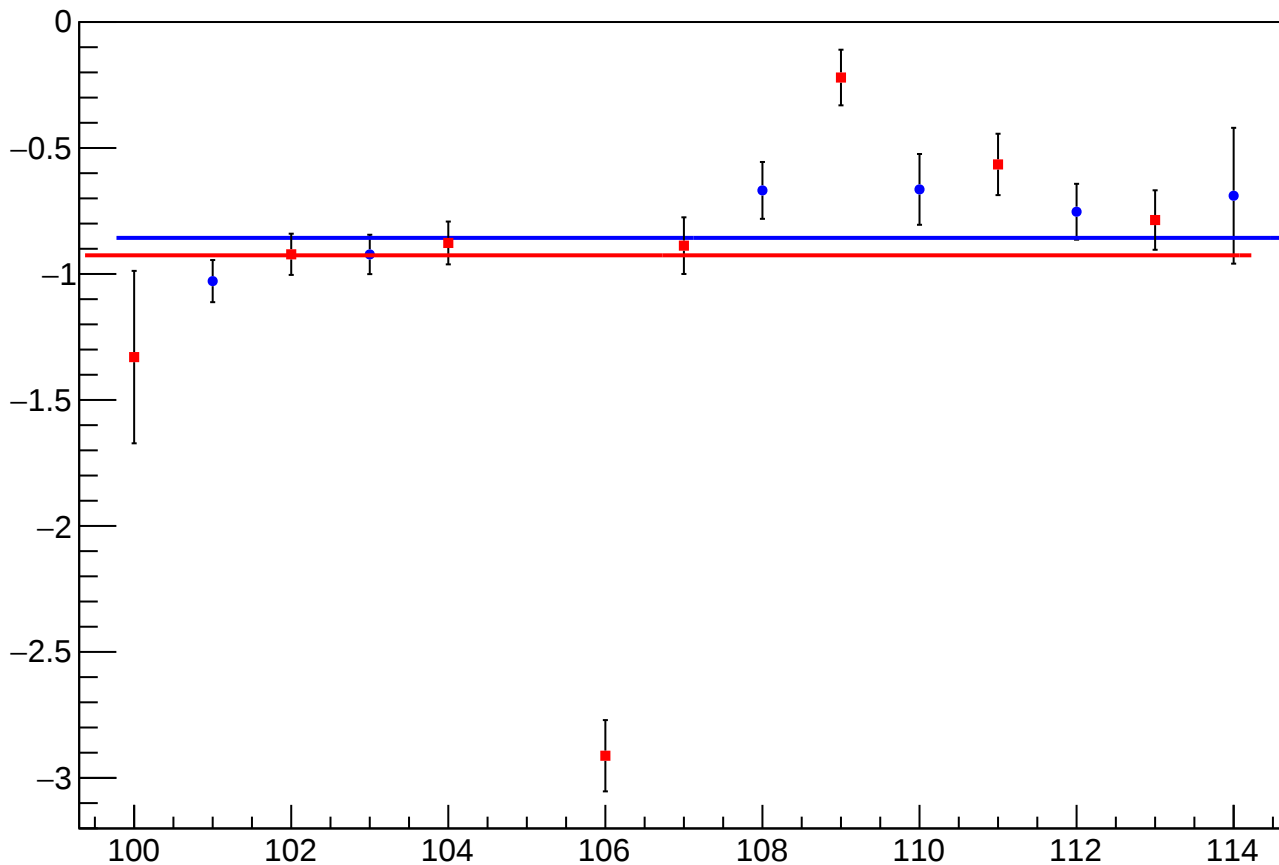
Right: -13.475 ± 0.627 $\chi^2/\text{NDF}: 192.6/13$

In: -14.838 ± 0.896 $\chi^2/\text{NDF}: 109.9/5$

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

All: -13.475 ± 0.627 $\chi^2/\text{NDF}: 192.6/13$

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.857 ± 0.043 χ^2/NDF : 10.8/5

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

Right Out: -0.926 ± 0.039 χ^2/NDF : 250.0/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

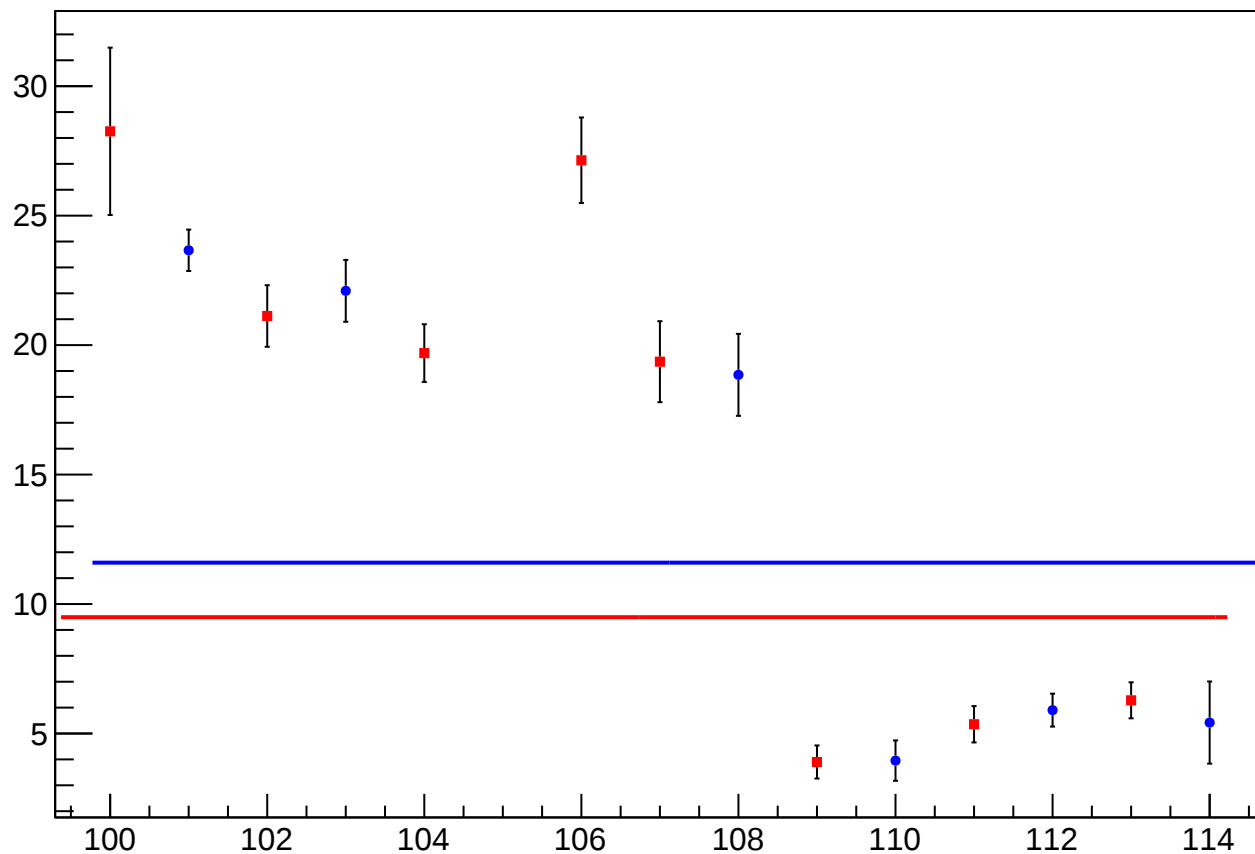
Right: -0.895 ± 0.029 χ^2/NDF : 262.2/13

In: -0.857 ± 0.043 χ^2/NDF : 10.8/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.895 ± 0.029 χ^2/NDF : 262.2/13

reg_asym_sam_1357_2468_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 11.598 $\pm$ 0.373 χ^2 /NDF: 517.5/5

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

Right Out: 9.492 $\pm$ 0.335 χ^2 /NDF: 499.9/7

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

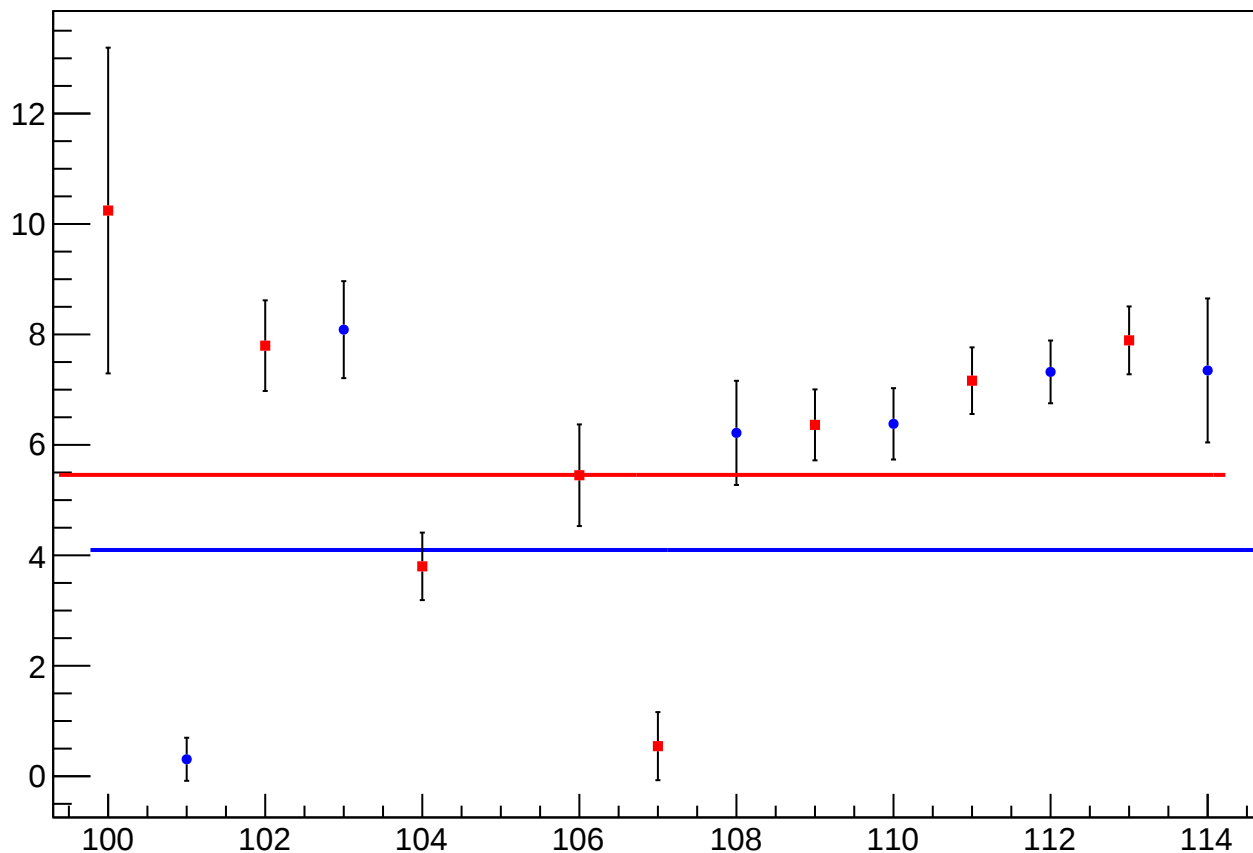
Right: 10.431 $\pm$ 0.249 χ^2 /NDF: 1035.2/13

In: 11.598 $\pm$ 0.373 χ^2 /NDF:517.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 10.431 $\pm$ 0.249 χ^2 /NDF: 1035.2/13

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.097+/-0.257 χ^2/NDF : 171.1/5

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

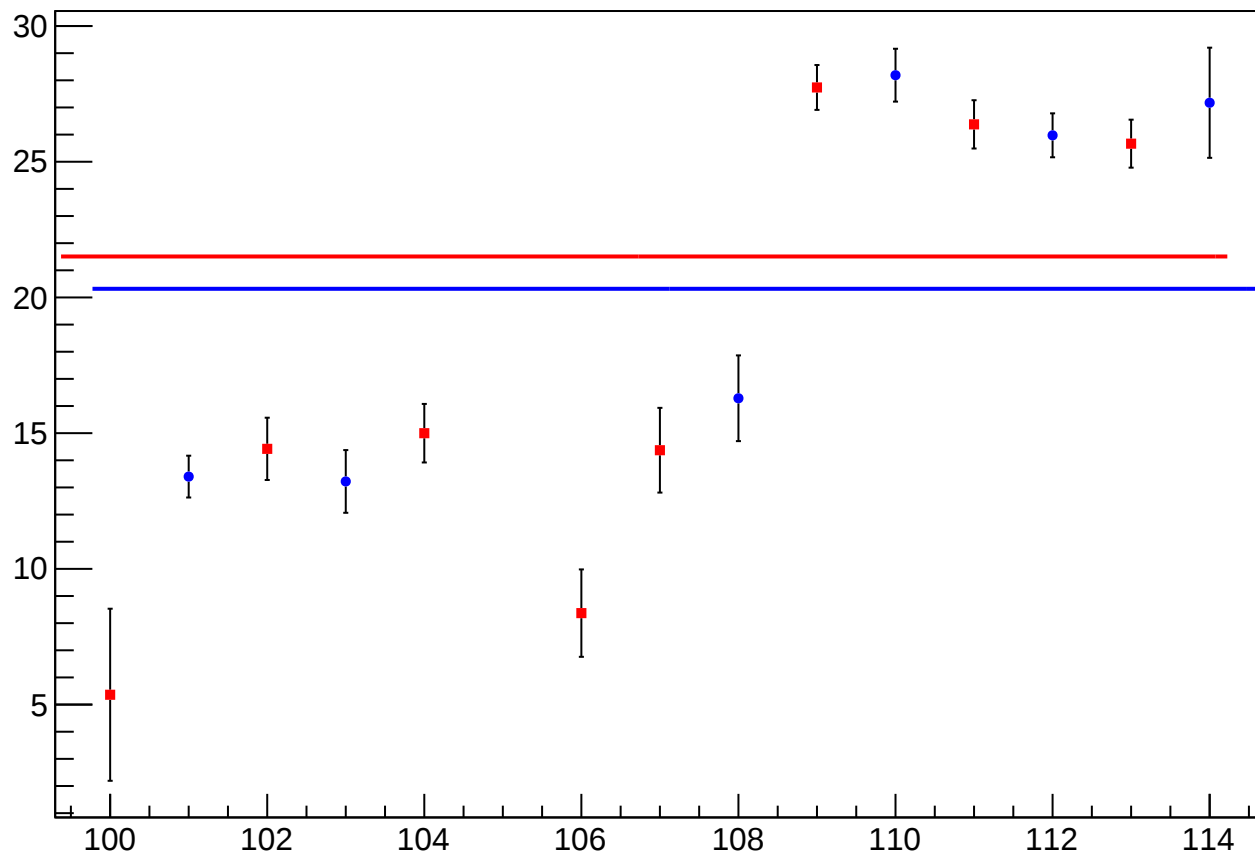
Right: 4.795+/-0.180 χ^2/NDF : 292.7/13

In: 4.097+/-0.257 χ^2/NDF : 171.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.795+/-0.180 χ^2/NDF : 292.7/13

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 20.319+/-0.420 χ^2/NDF : 250.5/5

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

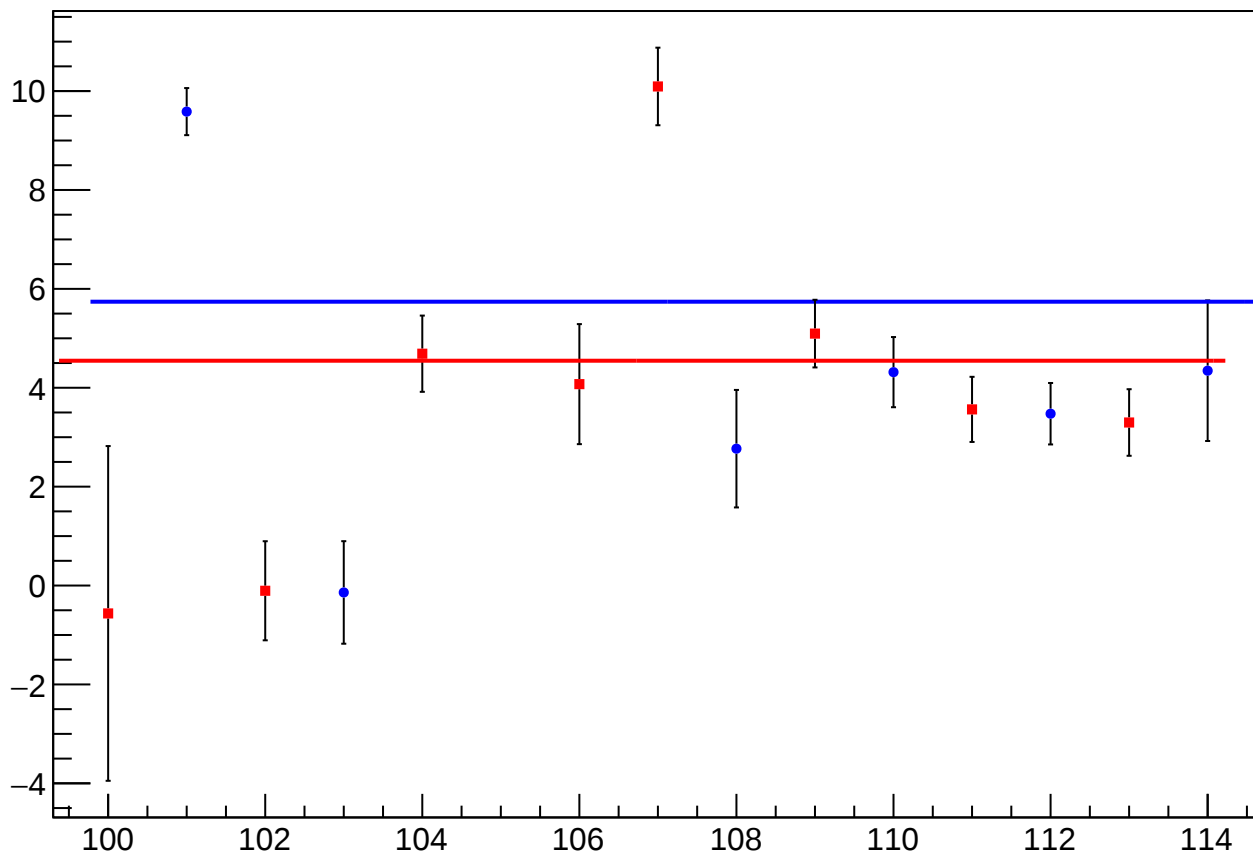
Right: 20.956+/-0.287 χ^2/NDF : 551.6/13

In: 20.319+/-0.420 χ^2/NDF : 250.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.956+/-0.287 χ^2/NDF : 551.6/13

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.740 $\pm$ 0.300 χ^2 /NDF: 121.9/5

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

Right Out: 4.547 $\pm$ 0.292 χ^2 /NDF: 80.3/7

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

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

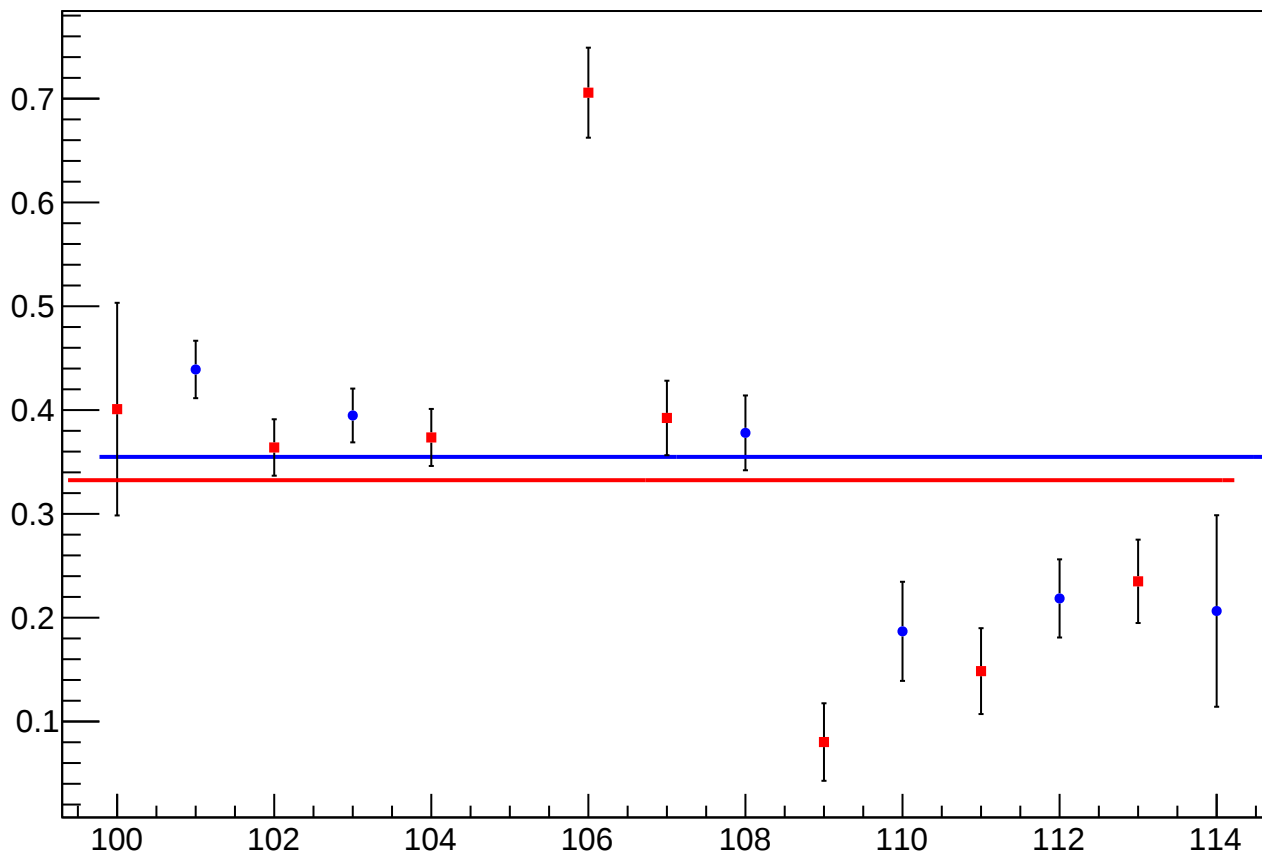
Right: 5.128 $\pm$ 0.209 χ^2 /NDF: 210.4/13

In: 5.740 $\pm$ 0.300 χ^2 /NDF:121.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5.128 $\pm$ 0.209 χ^2 /NDF: 210.4/13

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.355+/-0.014 χ^2/NDF : 40.2/5

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

Right Out: 0.332+/-0.013 χ^2/NDF : 152.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

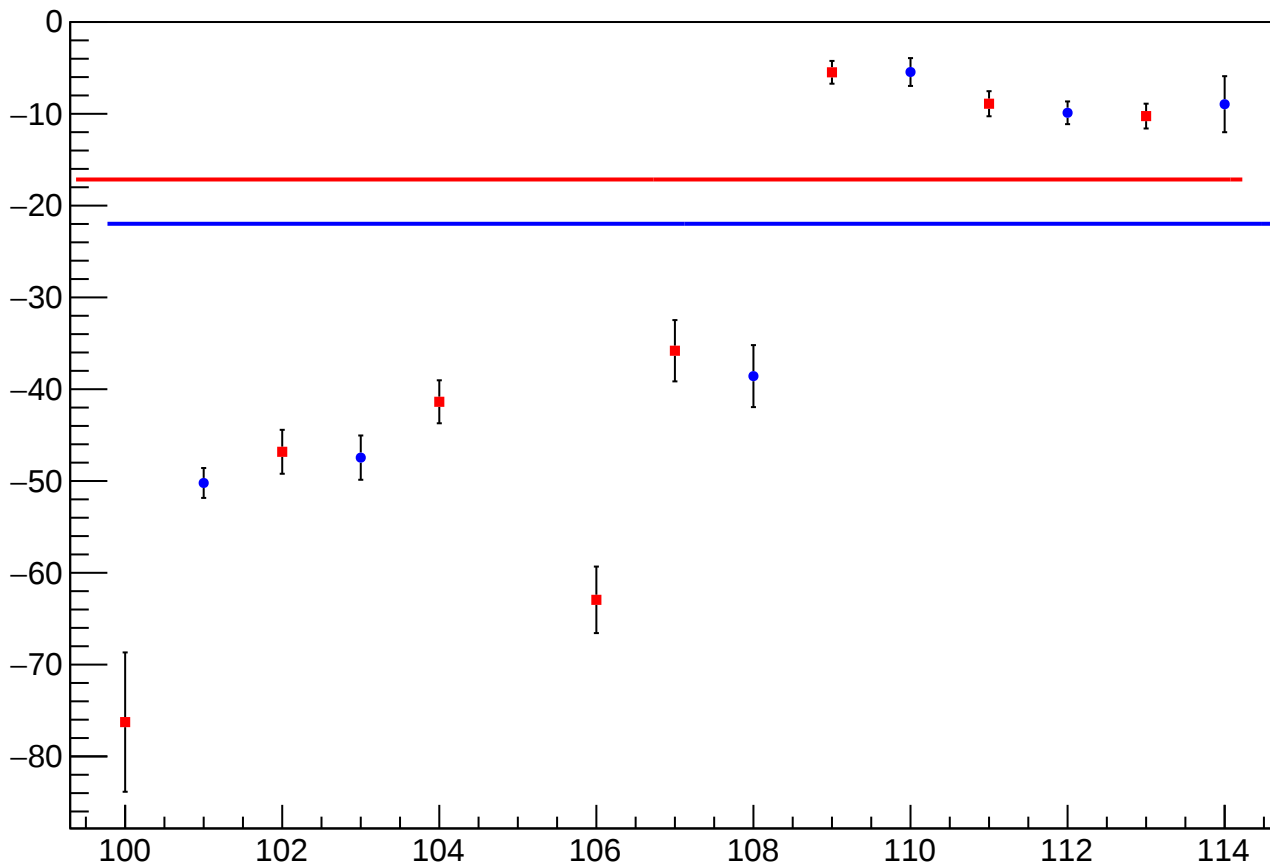
Right: 0.342+/-0.010 χ^2/NDF : 193.7/13

In: 0.355+/-0.014 χ^2/NDF : 40.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.342+/-0.010 χ^2/NDF : 193.7/13

reg_asym_sam_12345678_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -21.979+/-0.739 χ^2/NDF : 668.7/5

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

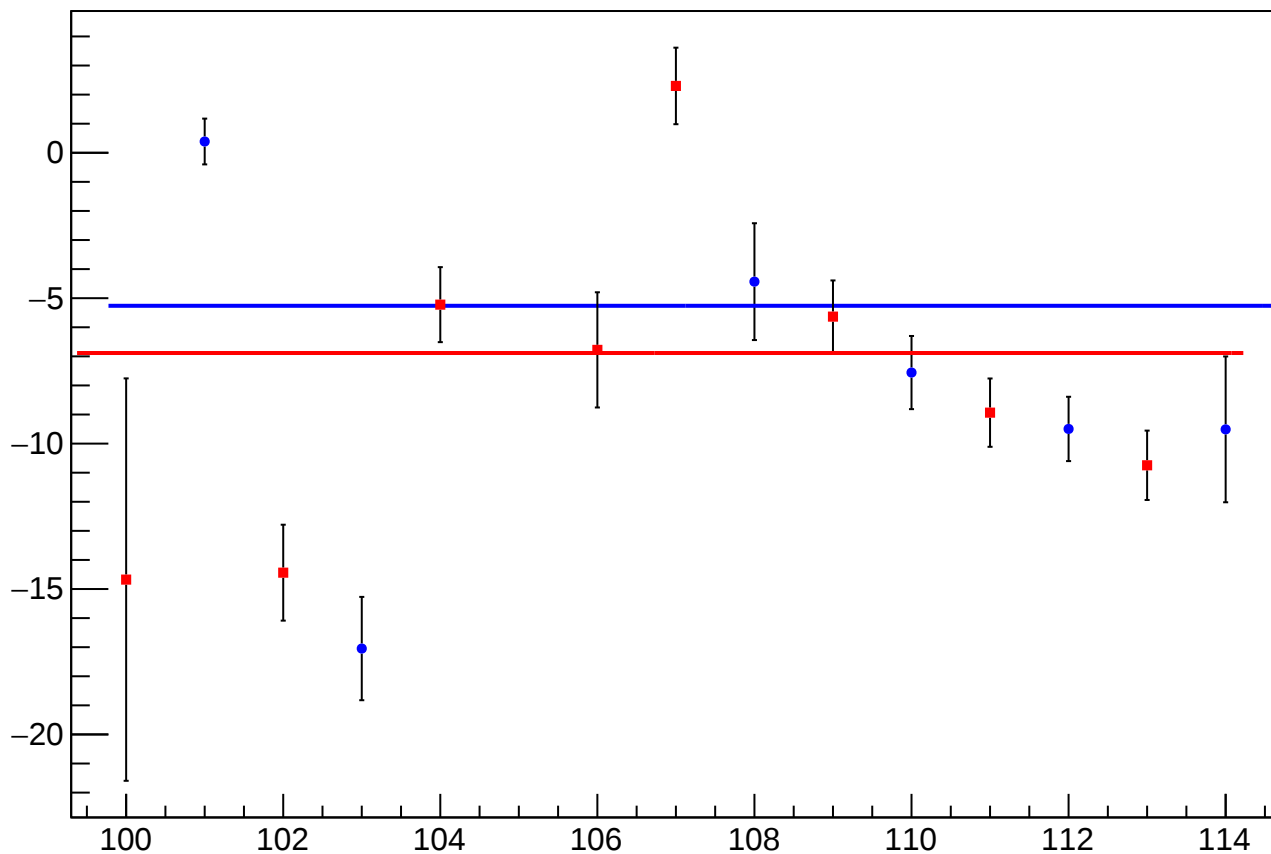
Right: -19.307+/-0.494 χ^2/NDF : 1355.5/13

In: -21.979+/-0.739 χ^2/NDF :668.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -19.307+/-0.494 χ^2/NDF : 1355.5/13

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.261+/-0.514 χ^2/NDF : 116.6/5

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

Right Out: -6.885+/-0.507 χ^2/NDF : 87.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

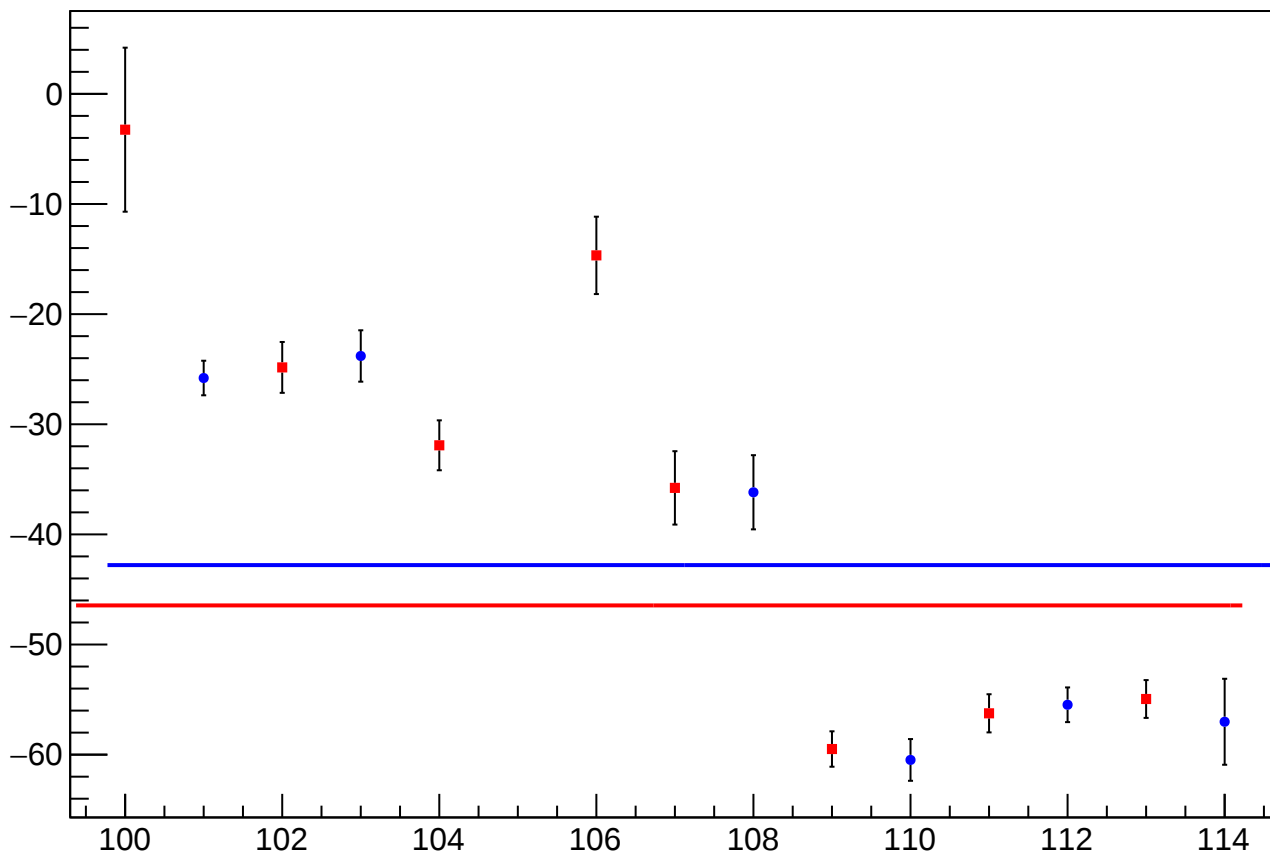
Right: -6.084+/-0.361 χ^2/NDF : 208.8/13

In: -5.261+/-0.514 χ^2/NDF : 116.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.084+/-0.361 χ^2/NDF : 208.8/13

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -42.788 ± 0.838 χ^2/NDF : 352.6/5

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

Right Out: -46.449 ± 0.783 χ^2/NDF : 376.7/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

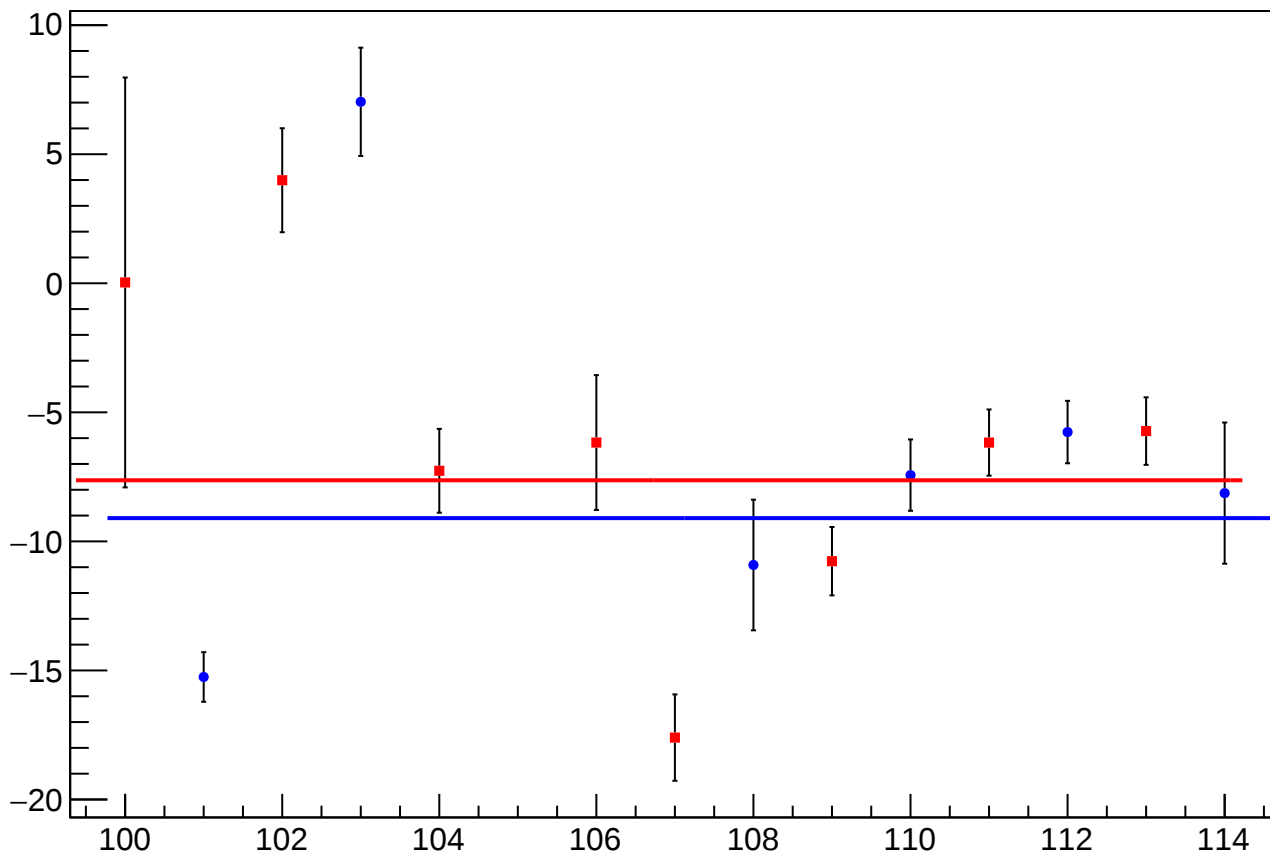
Right: -44.742 ± 0.572 χ^2/NDF : 739.5/13

In: -42.788 ± 0.838 χ^2/NDF : 352.6/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -44.742 ± 0.572 χ^2/NDF : 739.5/13

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -9.099 $\pm$ 0.597 χ^2 /NDF: 109.8/5

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

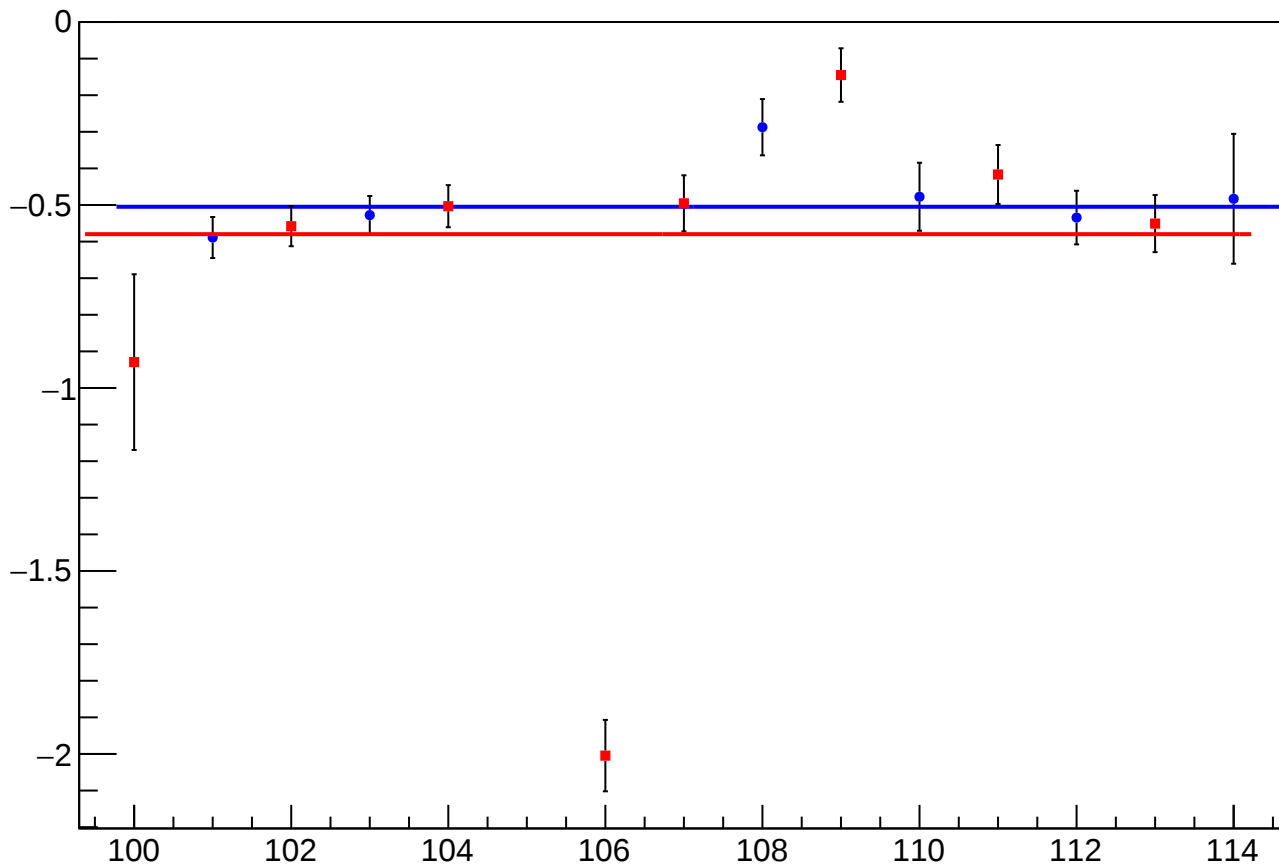
Right: -8.353 $\pm$ 0.418 χ^2 /NDF: 192.0/13

In: -9.099 $\pm$ 0.597 χ^2 /NDF:109.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -8.353 $\pm$ 0.418 χ^2 /NDF: 192.0/13

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.505 $\pm$ 0.029 χ^2 /NDF: 10.7/5

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

Right Out: -0.580 $\pm$ 0.026 χ^2 /NDF: 258.3/7

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

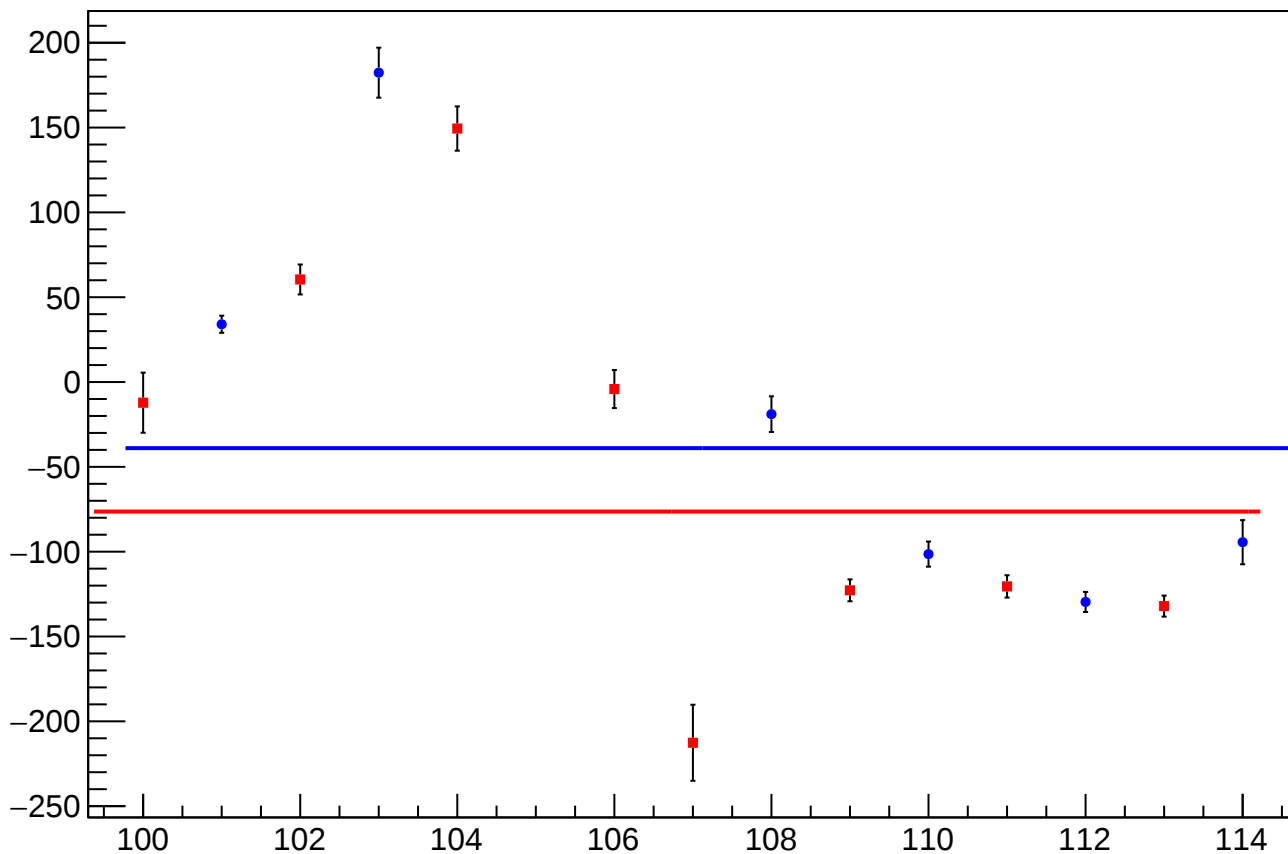
Right: -0.546 $\pm$ 0.020 χ^2 /NDF: 272.7/13

In: -0.505 $\pm$ 0.029 χ^2 /NDF:10.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.546 $\pm$ 0.020 χ^2 /NDF: 272.7/13

reg_asym_atl1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -38.968 $\pm$ 3.077 χ^2 /NDF: 763.0/5

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

Right Out: -76.355 $\pm$ 3.087 χ^2 /NDF: 807.8/7

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

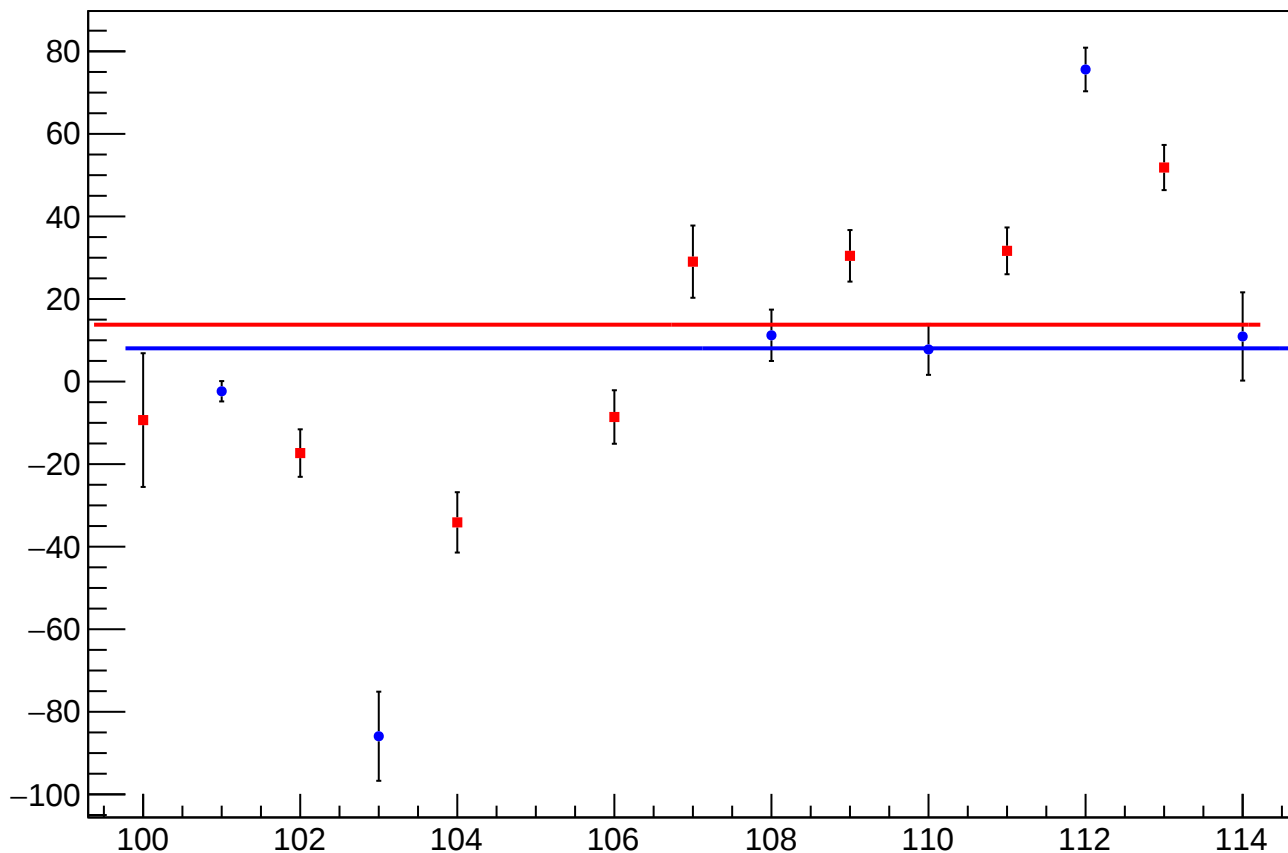
Right: -57.600 $\pm$ 2.179 χ^2 /NDF: 1644.3/13

In: -38.968 $\pm$ 3.077 χ^2 /NDF:763.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -57.600 $\pm$ 2.179 χ^2 /NDF: 1644.3/13

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.050+/-1.924 χ^2/NDF : 257.4/5

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

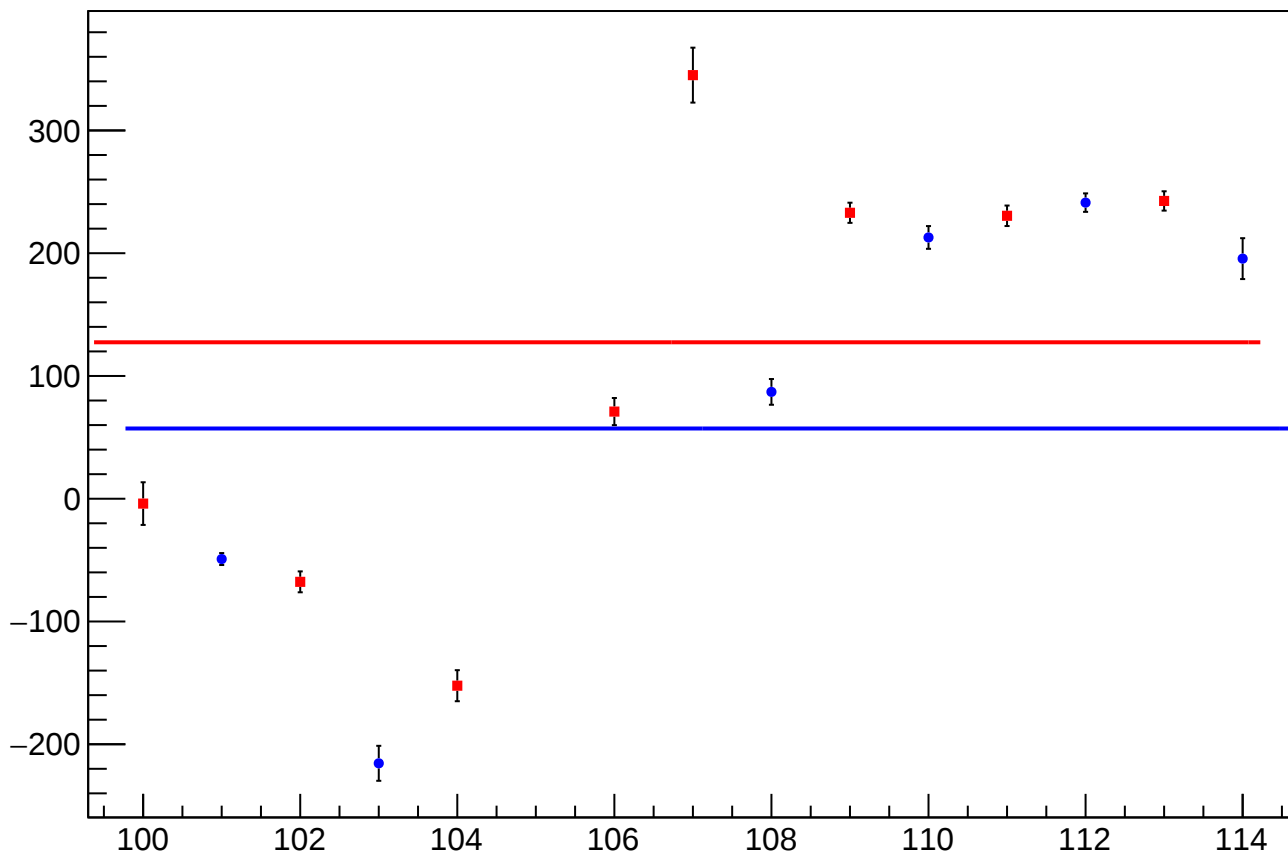
Right: 10.339+/-1.491 χ^2/NDF : 415.6/13

In: 8.050+/-1.924 χ^2/NDF : 257.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.339+/-1.491 χ^2/NDF : 415.6/13

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 57.214+/-3.349 χ^2/NDF : 1801.2/5

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

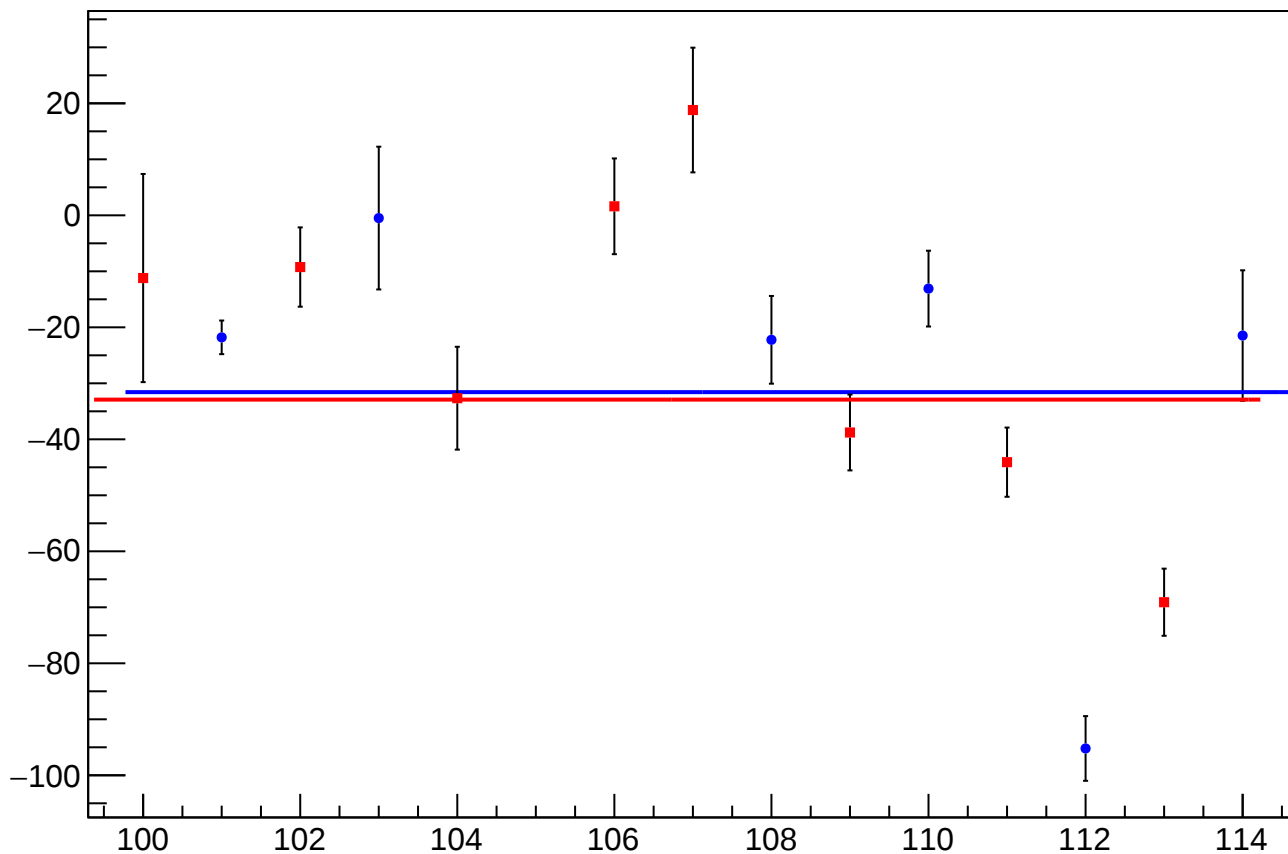
Right: 90.173+/-2.440 χ^2/NDF : 3731.0/13

In: 57.214+/-3.349 χ^2/NDF : 1801.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.173+/-2.440 χ^2/NDF : 3731.0/13

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -31.575 $\pm$ 2.278 χ^2 /NDF: 147.6/5

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

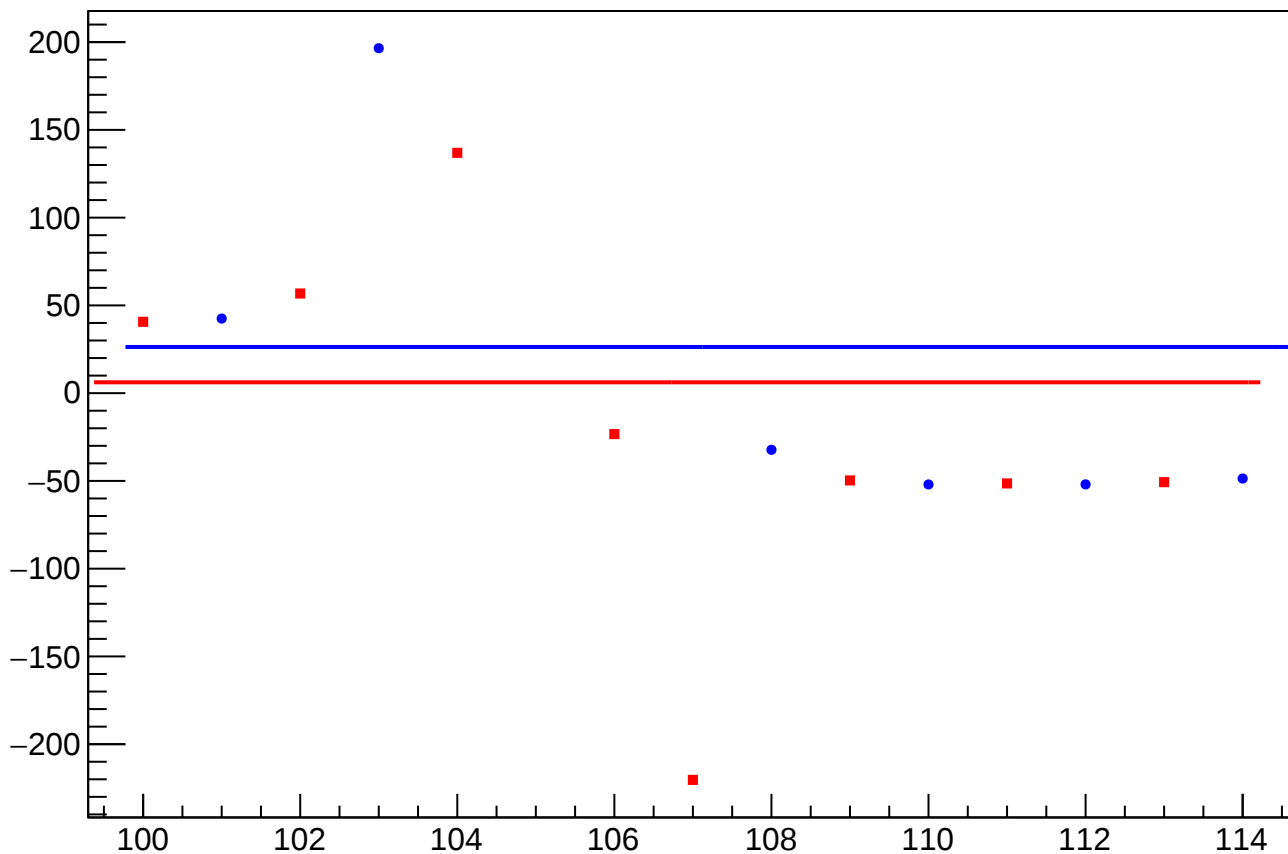
Right: -32.119 $\pm$ 1.754 χ^2 /NDF: 238.6/13

In: -31.575 $\pm$ 2.278 χ^2 /NDF:147.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -32.119 $\pm$ 1.754 χ^2 /NDF: 238.6/13

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 26.316+/-0.115 χ^2/NDF : 443236.7/5

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

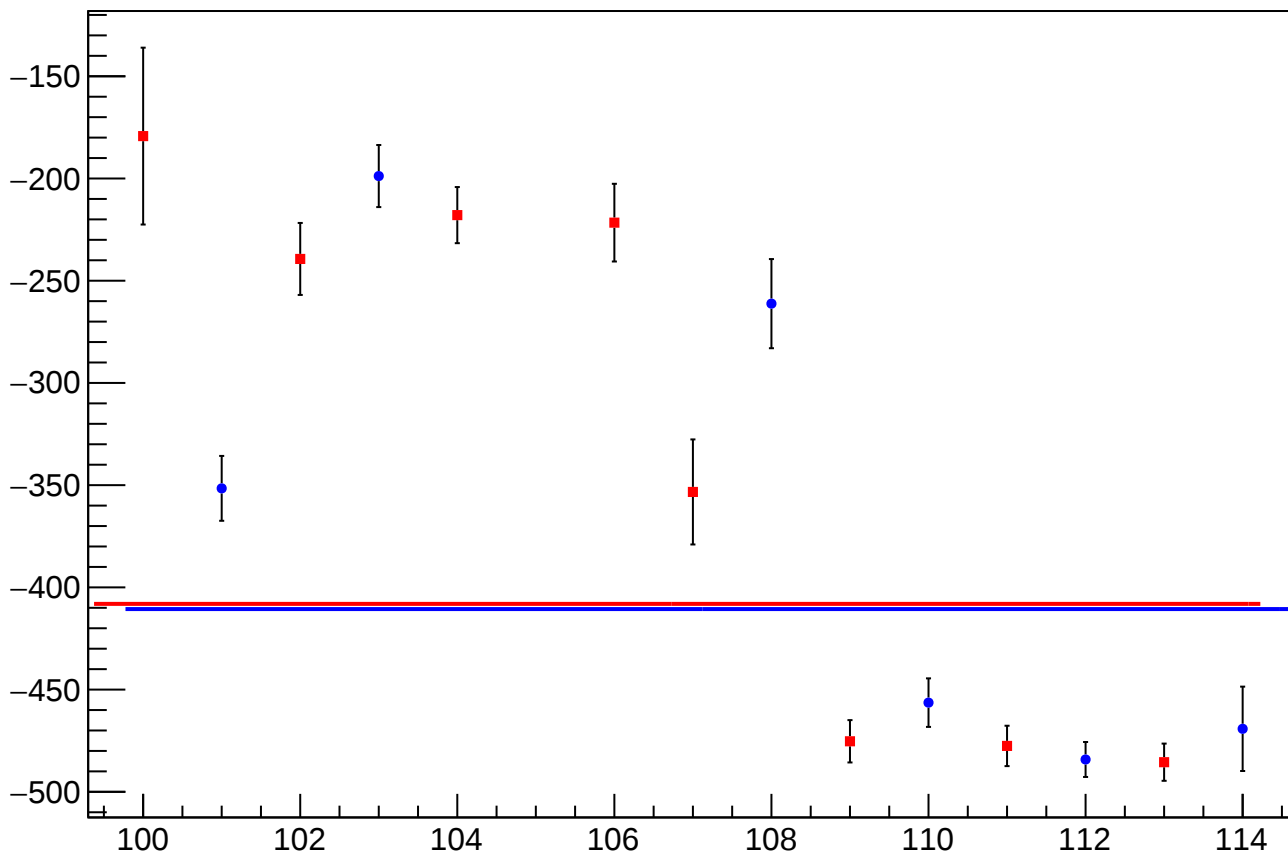
Right: 16.159+/-0.081 χ^2/NDF : 968700.9/13

In: 26.316+/-0.115 χ^2/NDF : 443236.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.159+/-0.081 χ^2/NDF : 968700.9/13

reg_asym_atl2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -410.609+/-5.461 χ^2/NDF : 352.4/5

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

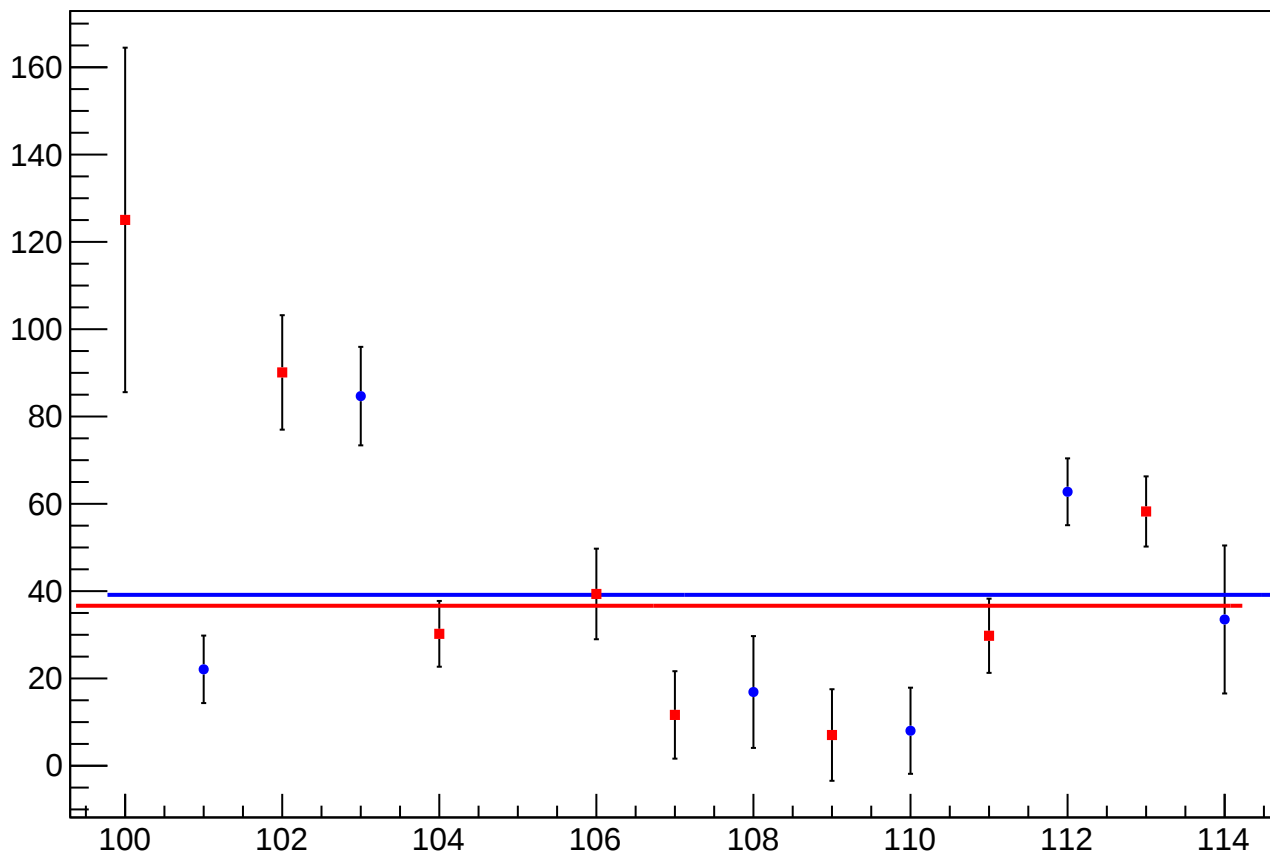
Right: -409.154+/-3.568 χ^2/NDF : 929.1/13

In: -410.609+/-5.461 χ^2/NDF : 352.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -409.154+/-3.568 χ^2/NDF : 929.1/13

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 39.148+/-4.032 χ^2/NDF : 43.8/5

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

Right Out: 36.651+/-3.497 χ^2/NDF : 44.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

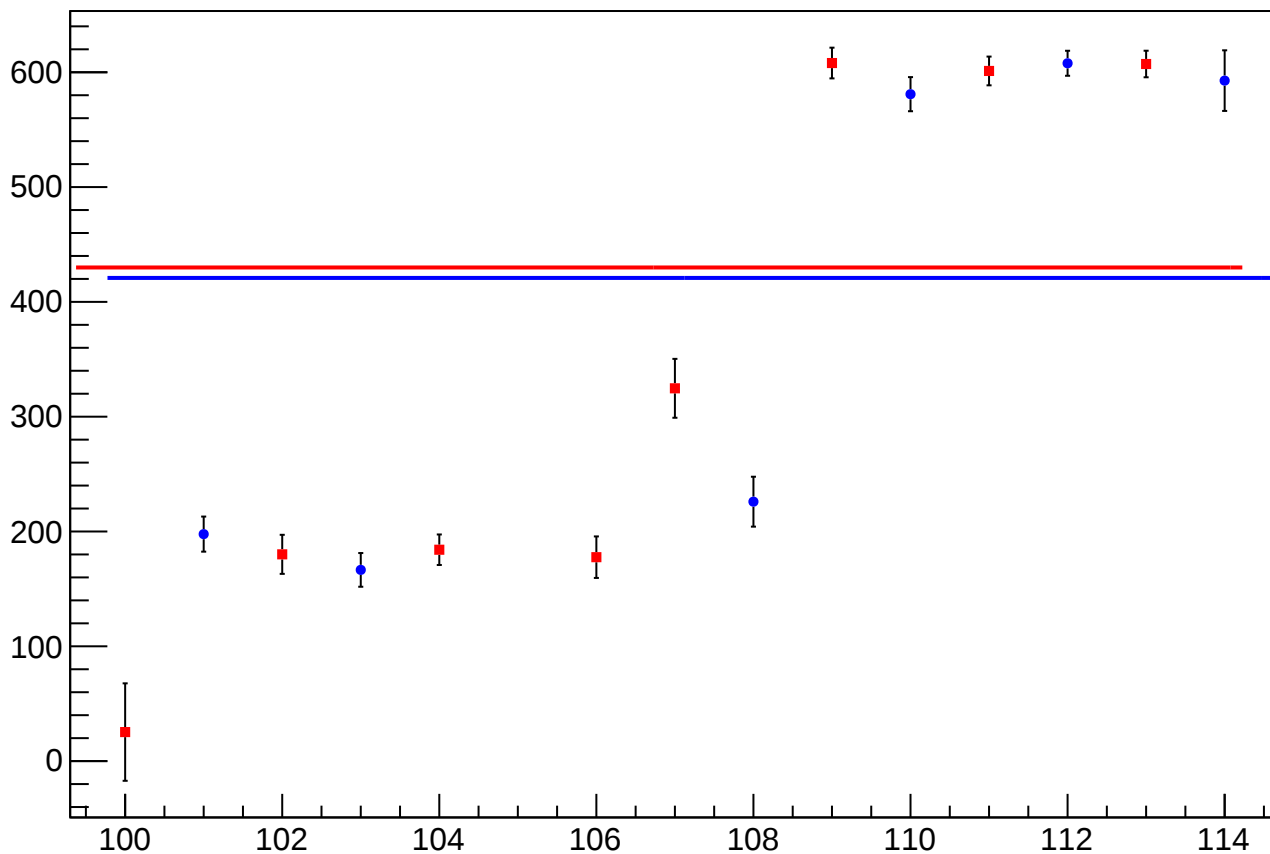
Right: 37.723+/-2.642 χ^2/NDF : 88.5/13

In: 39.148+/-4.032 χ^2/NDF : 43.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.723+/-2.642 χ^2/NDF : 88.5/13

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 420.867 $\pm$ 6.271 χ^2 /NDF: 1046.6/5

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

Right Out: 429.965 $\pm$ 5.448 χ^2 /NDF: 1459.4/7

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

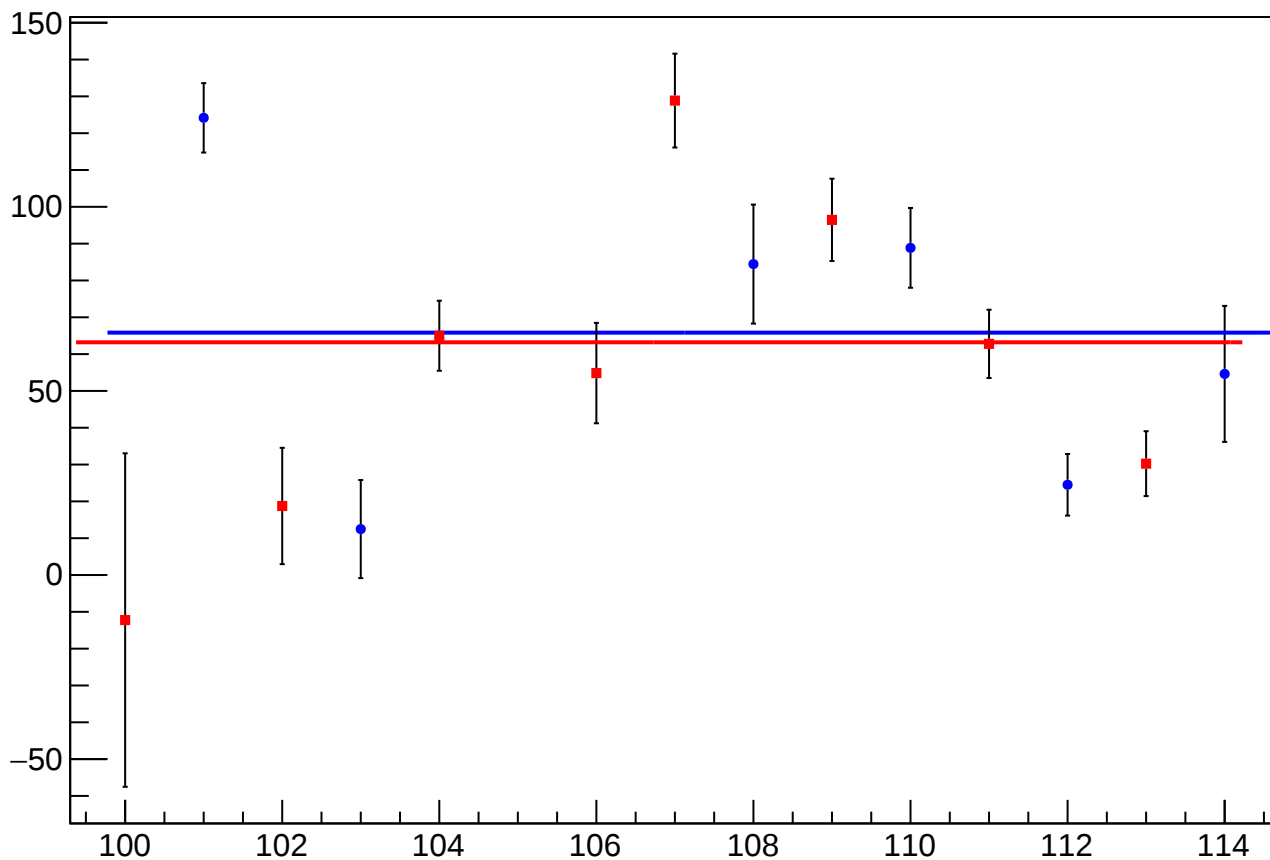
Right: 426.052 $\pm$ 4.113 χ^2 /NDF: 2507.2/13

In: 420.867 $\pm$ 6.271 χ^2 /NDF:1046.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 426.052 $\pm$ 4.113 χ^2 /NDF: 2507.2/13

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 65.832 $\pm$ 4.640 χ^2 /NDF: 84.9/5

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

Right Out: 63.207 $\pm$ 4.095 χ^2 /NDF: 60.5/7

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

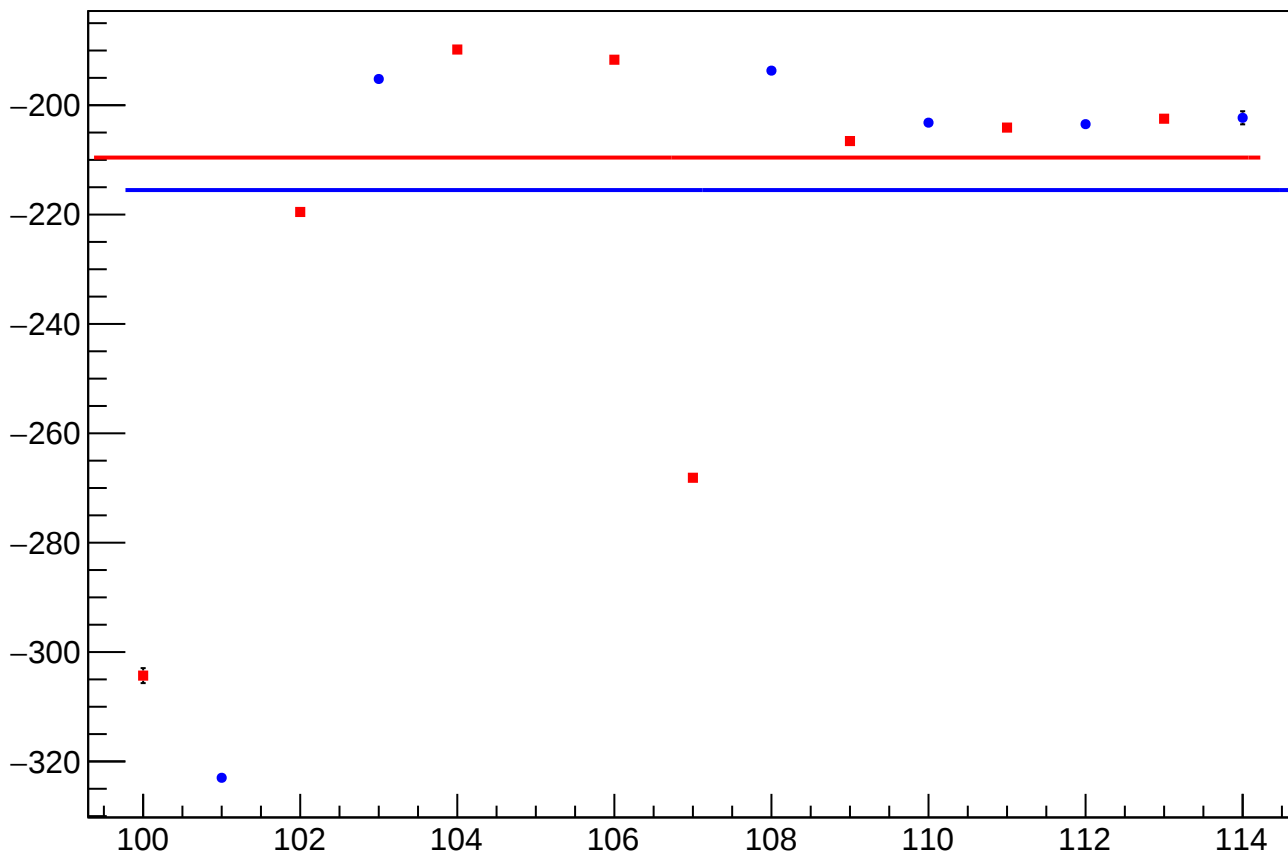
Right: 64.356 $\pm$ 3.070 χ^2 /NDF: 145.6/13

In: 65.832 $\pm$ 4.640 χ^2 /NDF: 84.9/5

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

All: 64.356 $\pm$ 3.070 χ^2 /NDF: 145.6/13

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -215.519+/-0.208 χ^2/NDF : 44776.9/5

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

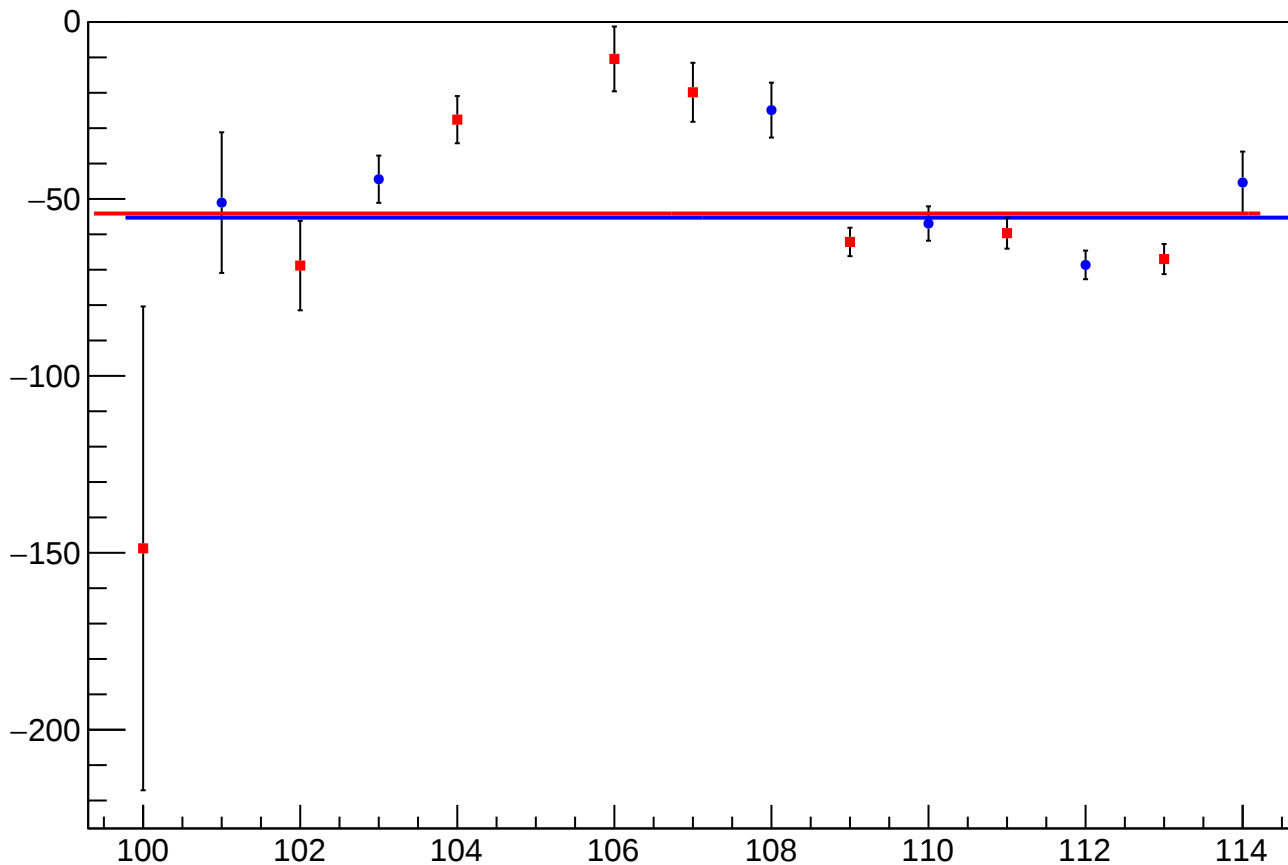
Right: -212.093+/-0.136 χ^2/NDF : 65290.2/13

In: -215.519+/-0.208 χ^2/NDF : 44776.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -212.093+/-0.136 χ^2/NDF : 65290.2/13

reg_asym_atr1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -55.283+/-2.513 χ^2/NDF : 30.4/5

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

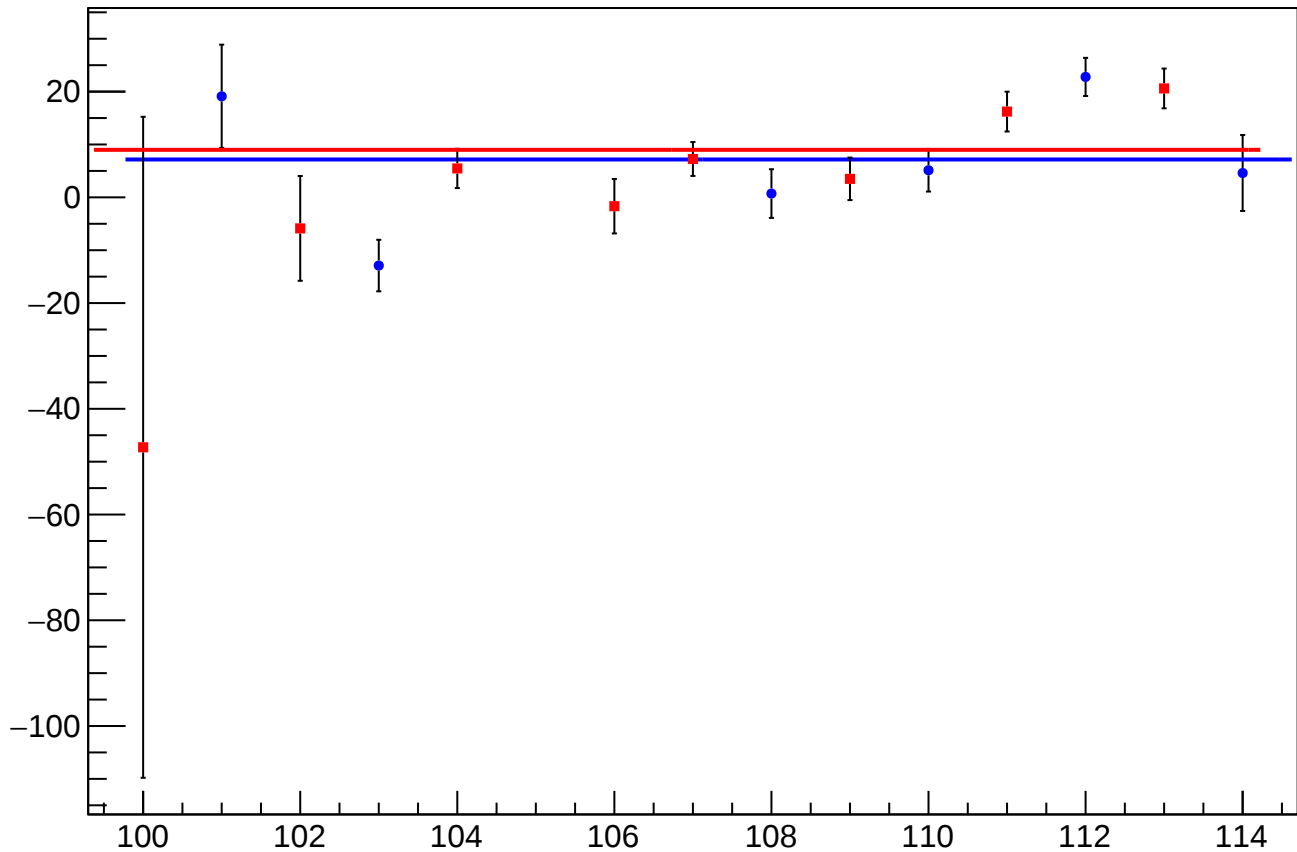
Right: -54.598+/-1.616 χ^2/NDF : 104.0/13

In: -55.283+/-2.513 χ^2/NDF : 30.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -54.598+/-1.616 χ^2/NDF : 104.0/13

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.163+/-1.970 χ^2/NDF : 39.5/5

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

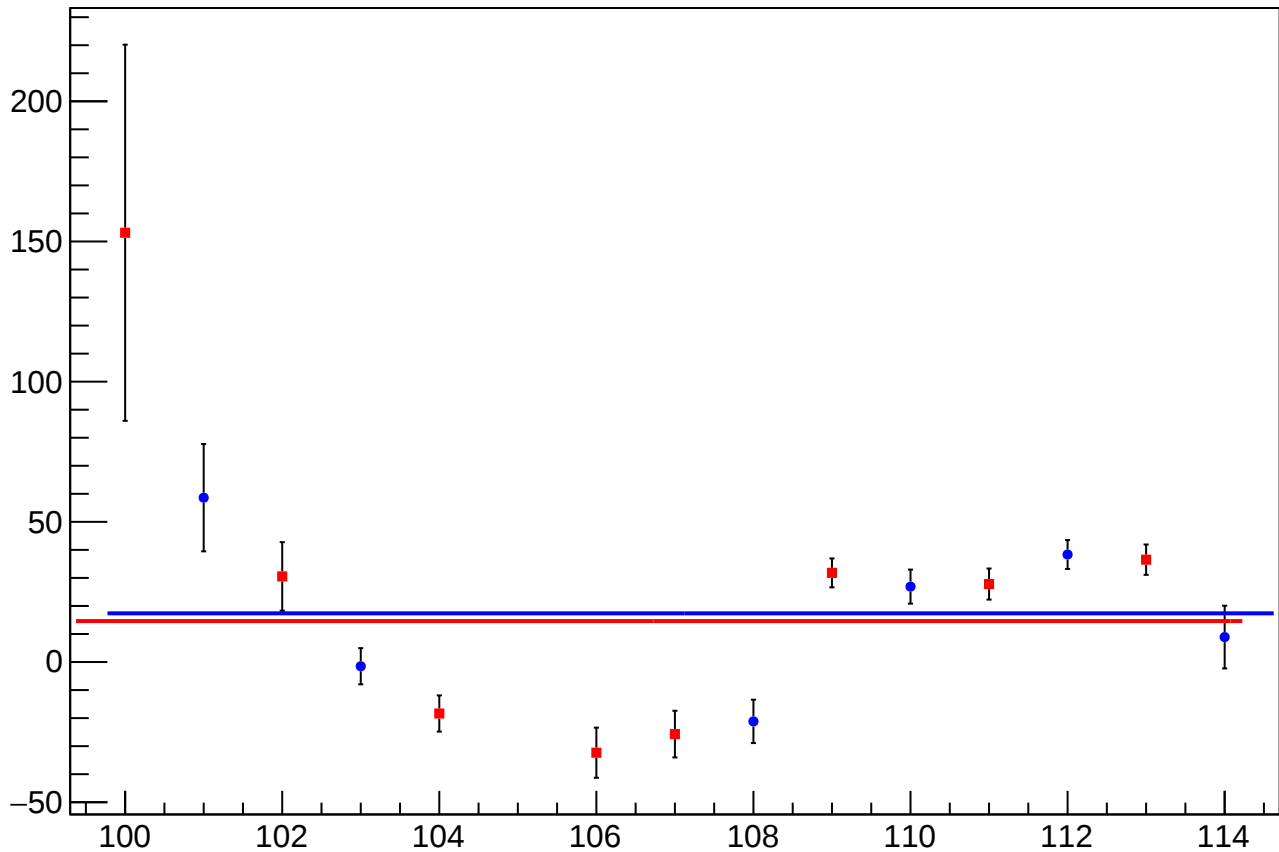
Right: 8.296+/-1.214 χ^2/NDF : 63.7/13

In: 7.163+/-1.970 χ^2/NDF : 39.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.296+/-1.214 χ^2/NDF : 63.7/13

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.367 $\pm$ 2.932 χ^2 /NDF: 57.6/5

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

Right Out: 14.616 $\pm$ 2.483 χ^2 /NDF: 116.2/7

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

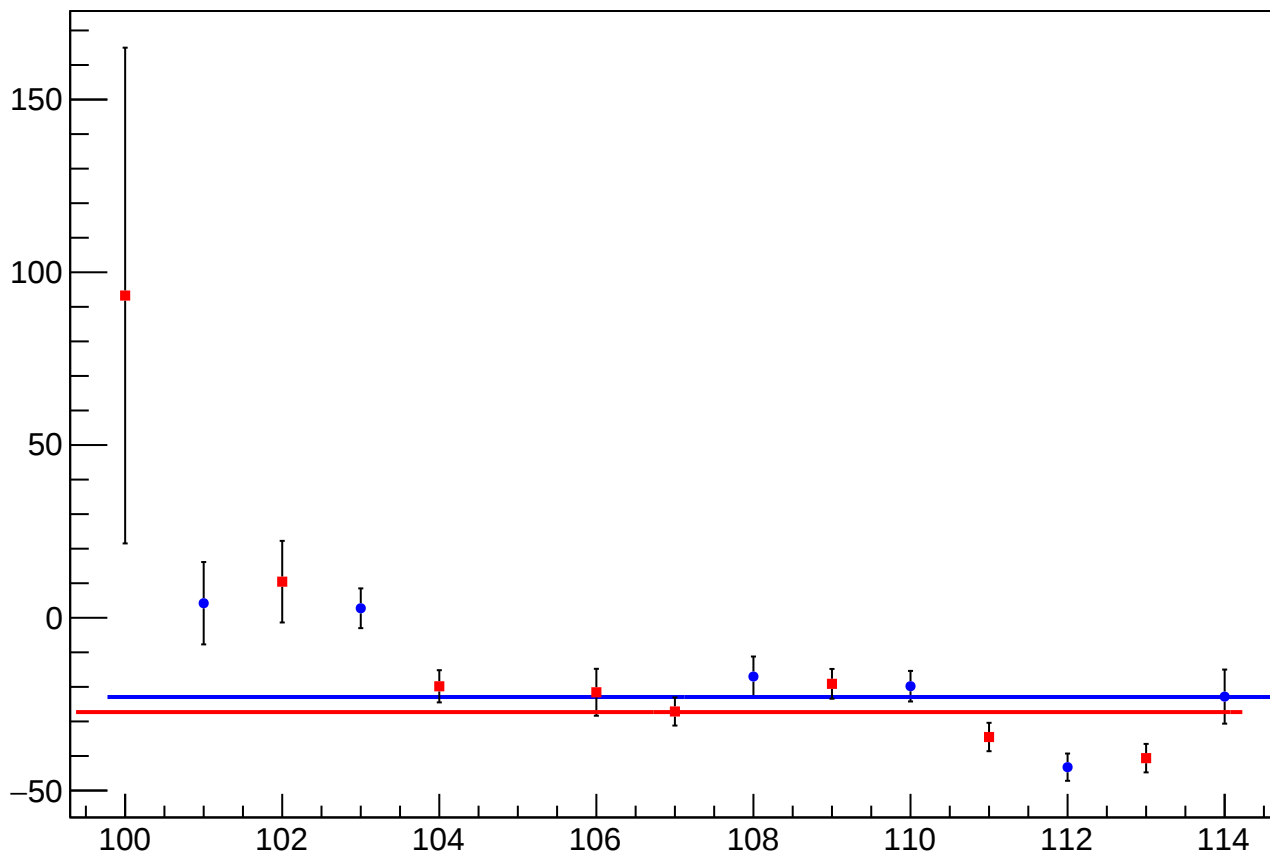
Right: 15.765 $\pm$ 1.895 χ^2 /NDF: 174.4/13

In: 17.367 $\pm$ 2.932 χ^2 /NDF: 57.6/5

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

All: 15.765 $\pm$ 1.895 χ^2 /NDF: 174.4/13

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -22.932 ± 2.243 χ^2/NDF : 53.2/5

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

Right Out: -27.292 ± 1.804 χ^2/NDF : 33.5/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

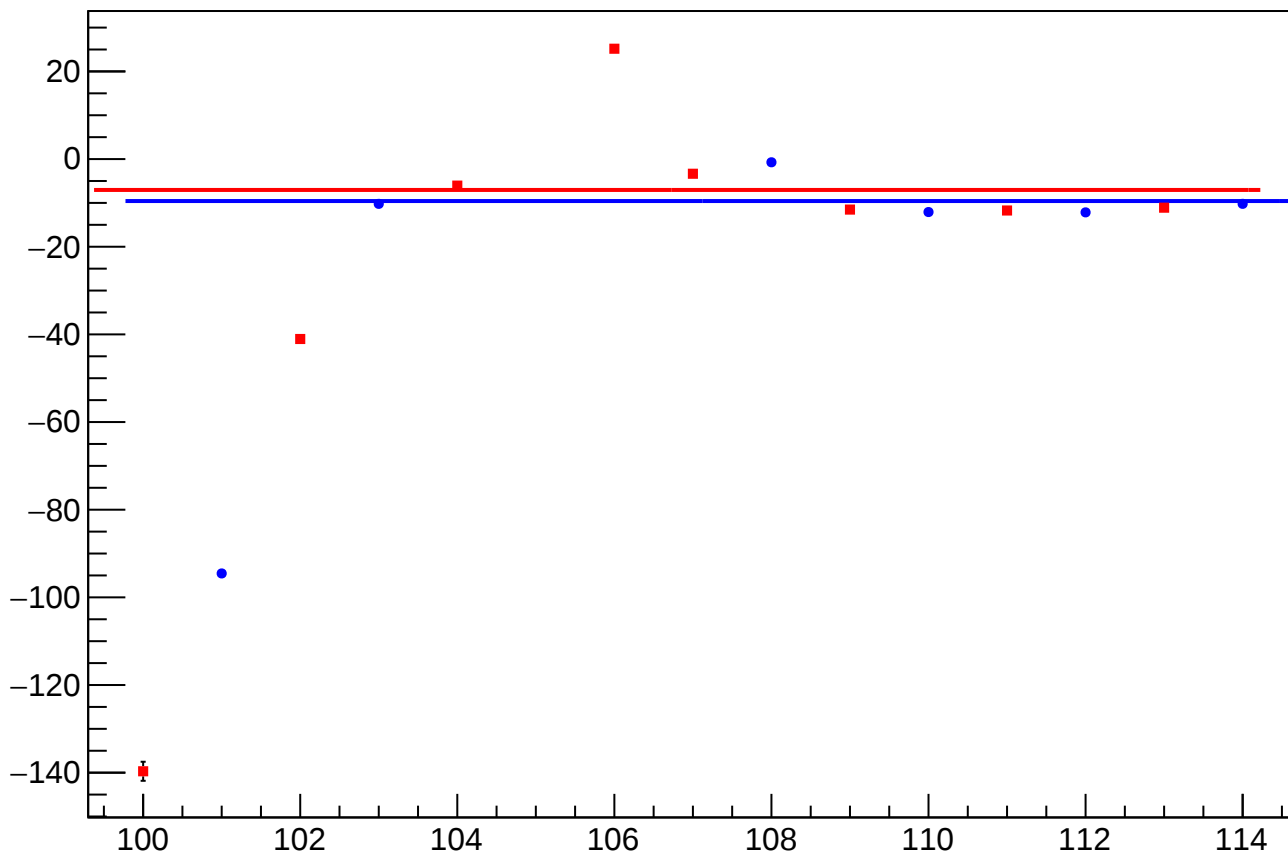
Right: -25.580 ± 1.406 χ^2/NDF : 88.9/13

In: -22.932 ± 2.243 χ^2/NDF : 53.2/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.580 ± 1.406 χ^2/NDF : 88.9/13

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -9.575+/-0.093 χ^2/NDF : 18066.8/5

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

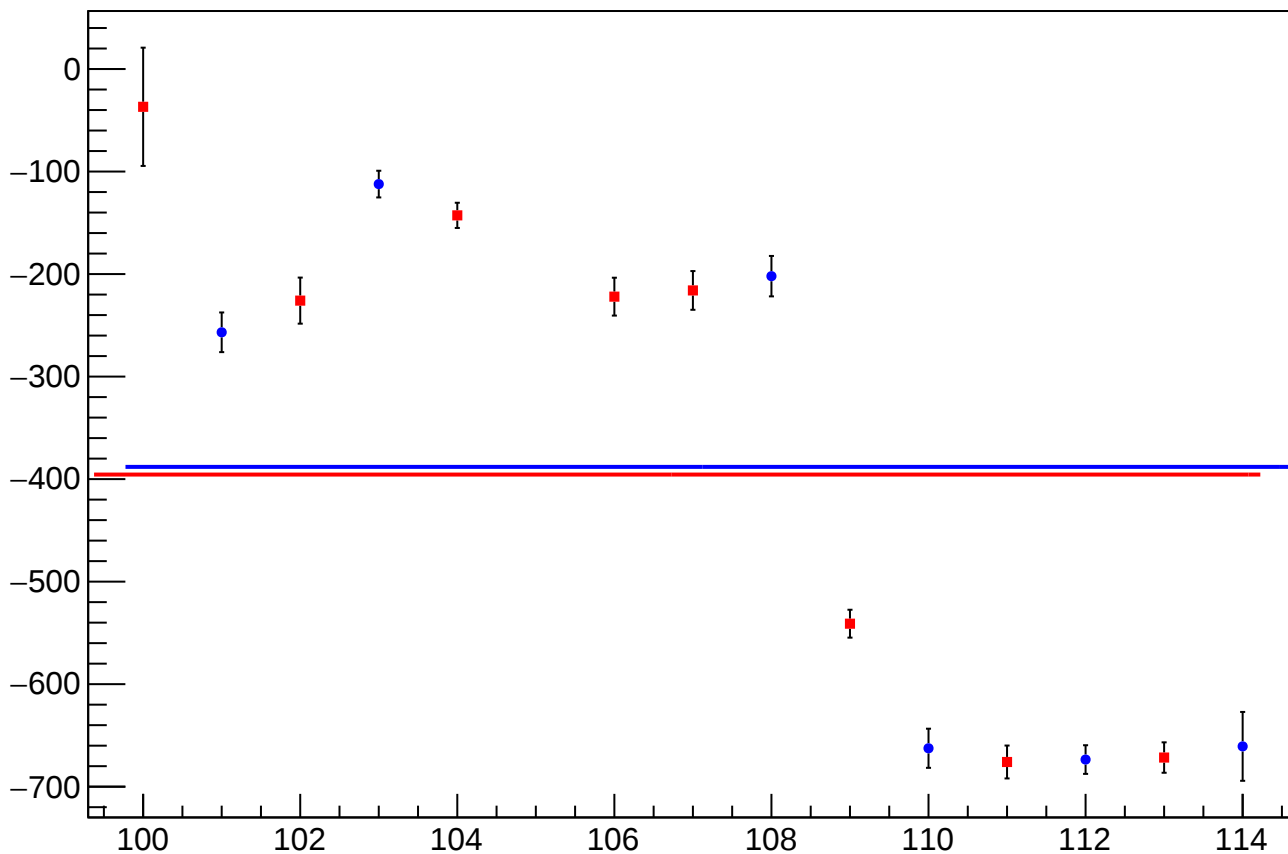
Right: -8.148+/-0.062 χ^2/NDF : 56524.2/13

In: -9.575+/-0.093 χ^2/NDF : 18066.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.148+/-0.062 χ^2/NDF : 56524.2/13

reg_asym_atr2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -388.070+/-7.089 χ^2/NDF : 1274.0/5

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

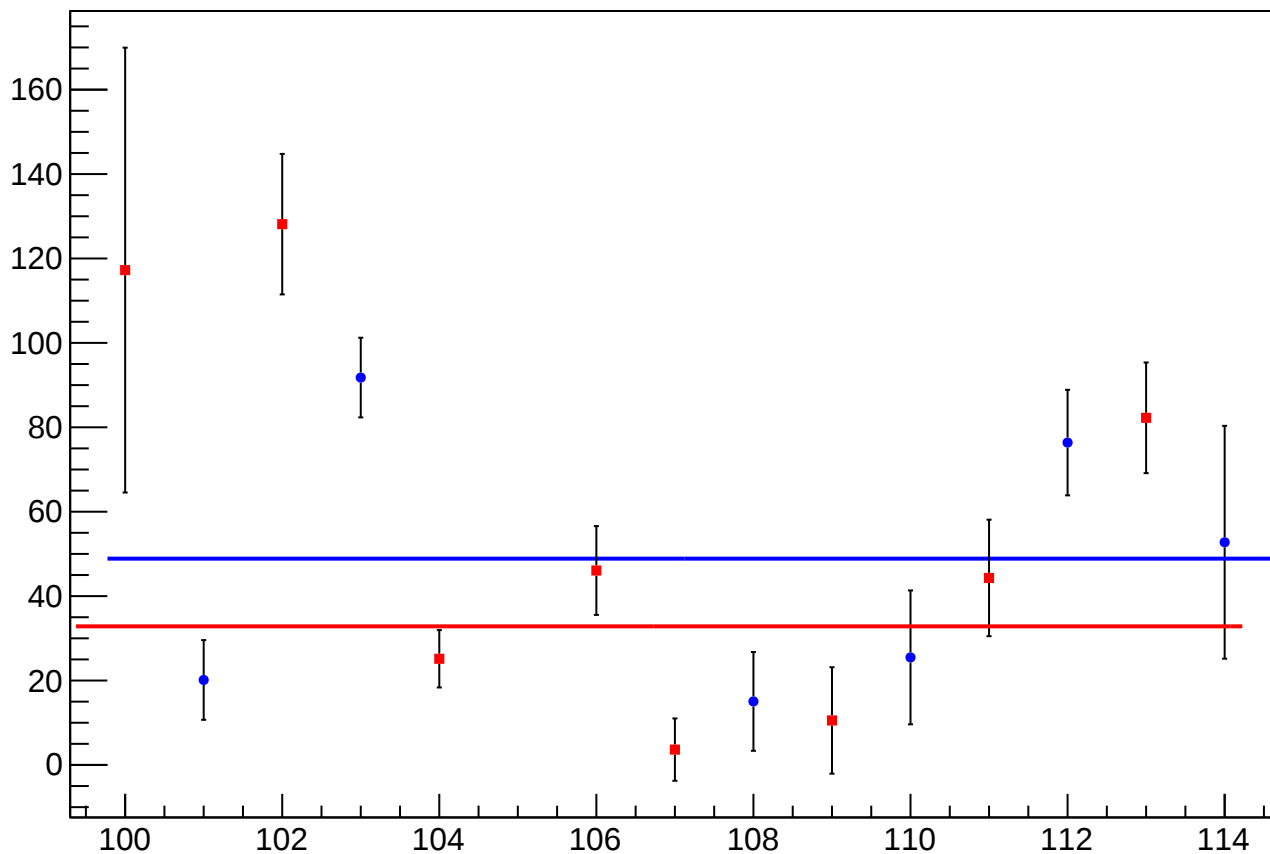
Right: -392.479+/-4.547 χ^2/NDF : 2737.7/13

In: -388.070+/-7.089 χ^2/NDF : 1274.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -392.479+/-4.547 χ^2/NDF : 2737.7/13

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 48.882 $\pm$ 4.914 χ^2 /NDF: 45.3/5

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

Right Out: 32.839 $\pm$ 3.771 χ^2 /NDF: 71.8/7

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

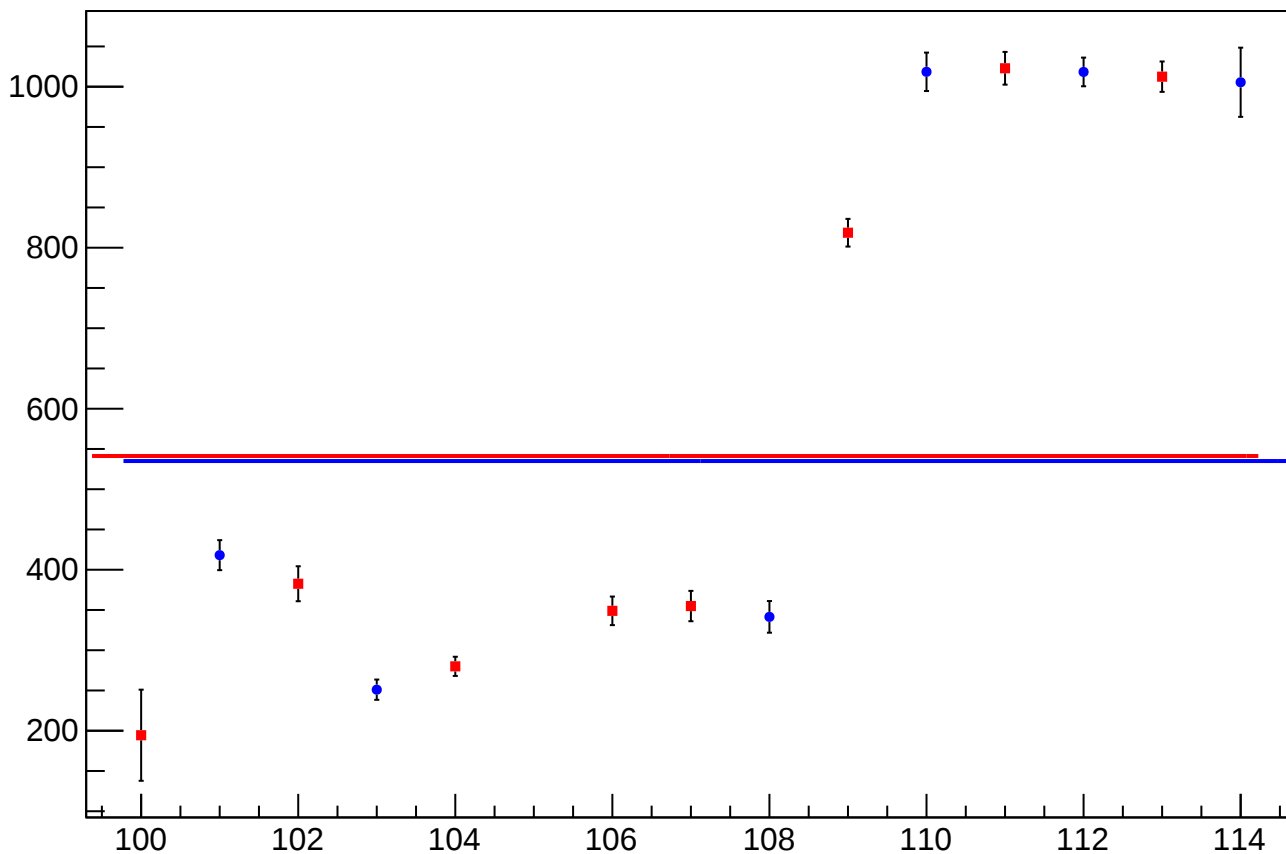
Right: 38.786 $\pm$ 2.992 χ^2 /NDF: 123.9/13

In: 48.882 $\pm$ 4.914 χ^2 /NDF:45.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 38.786 $\pm$ 2.992 χ^2 /NDF: 123.9/13

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 535.008+/-7.619 χ^2/NDF : 1912.7/5

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

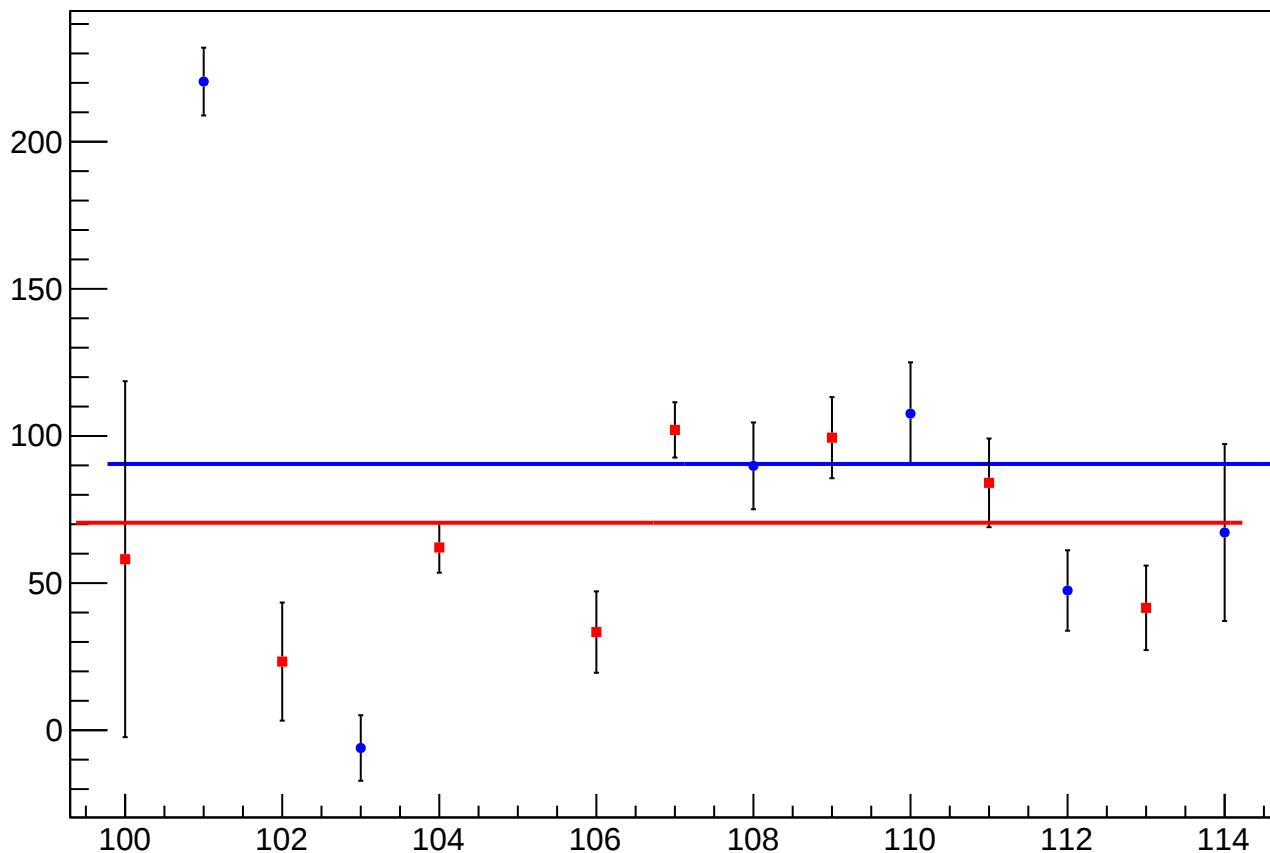
Right: 538.666+/-4.920 χ^2/NDF : 4145.4/13

In: 535.008+/-7.619 χ^2/NDF : 1912.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 538.666+/-4.920 χ^2/NDF : 4145.4/13

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 90.489+/-5.780 χ^2/NDF : 213.7/5

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

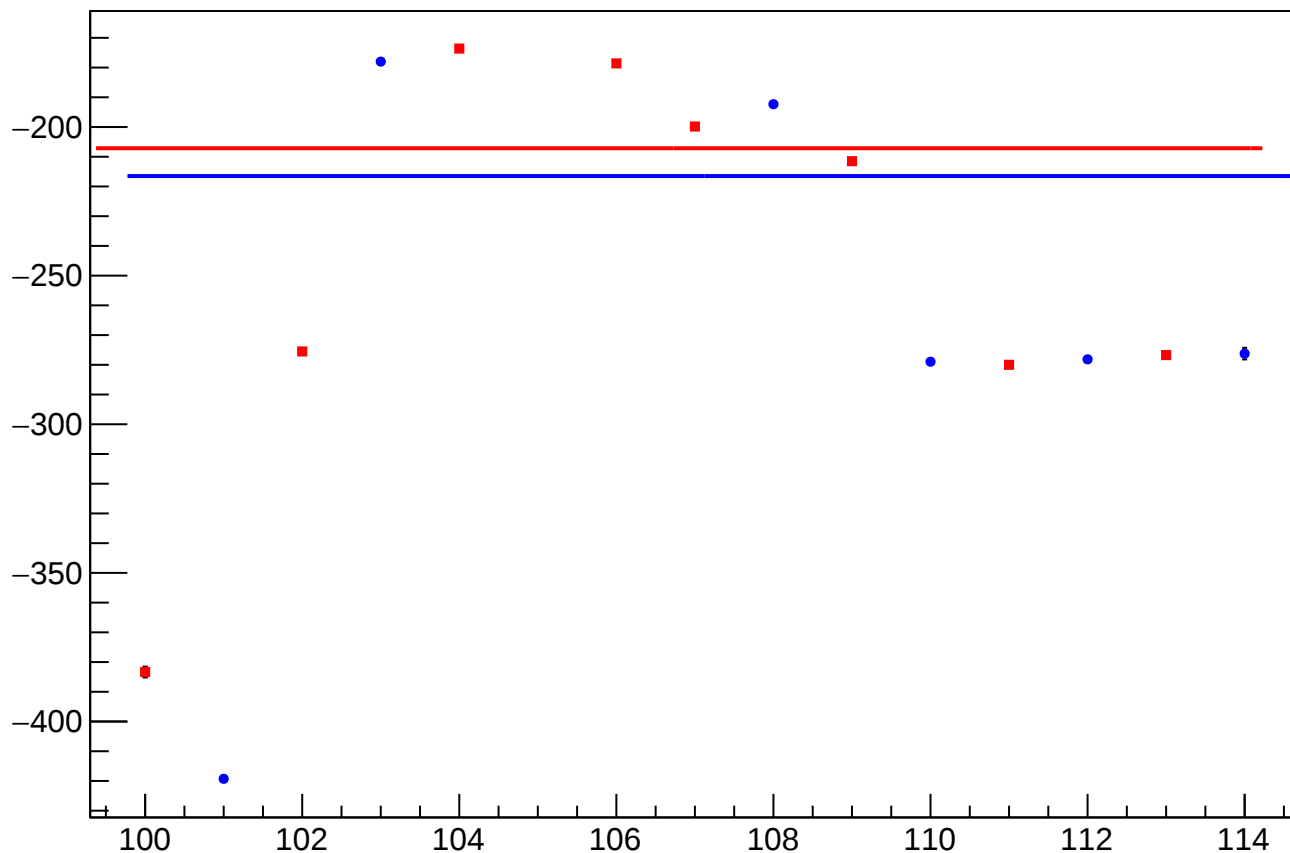
Right: 78.244+/-3.595 χ^2/NDF : 255.3/13

In: 90.489+/-5.780 χ^2/NDF : 213.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.244+/-3.595 χ^2/NDF : 255.3/13

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.503+/-0.212 χ^2/NDF : 122354.1/5

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

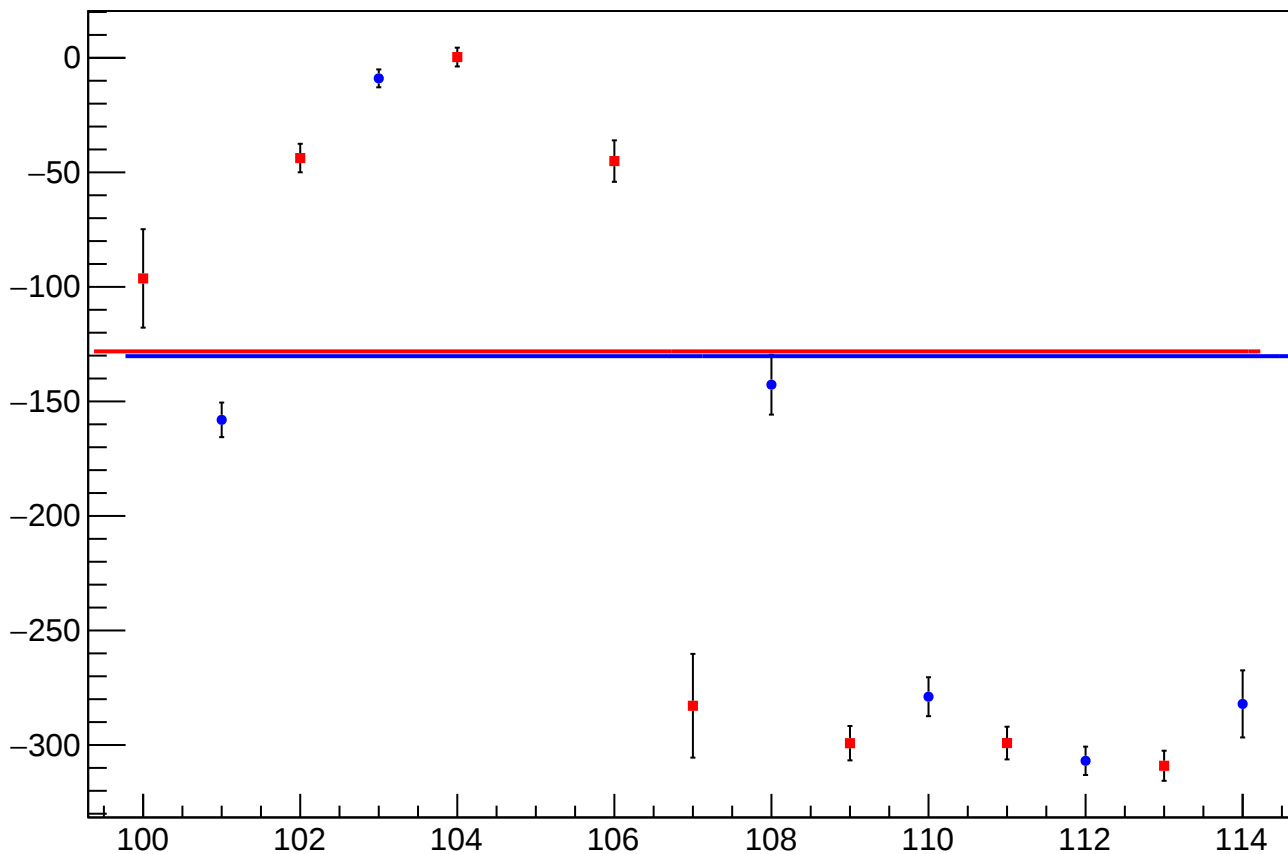
Right: -211.214+/-0.140 χ^2/NDF : 179273.3/13

In: -216.503+/-0.212 χ^2/NDF : 122354.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -211.214+/-0.140 χ^2/NDF : 179273.3/13

reg_asym_atl_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -130.248+/-2.738 χ^2 /NDF: 2203.3/5

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

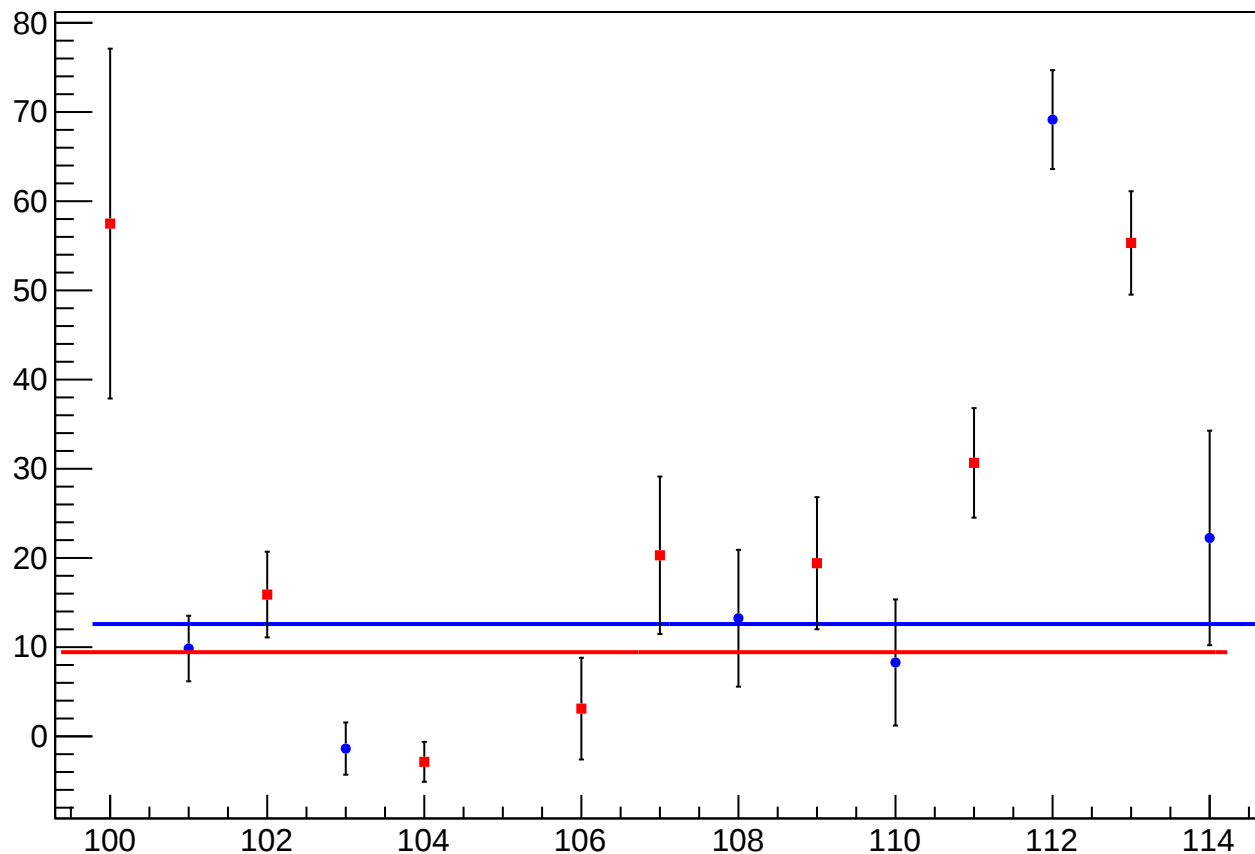
Right: -129.099+/-1.839 χ^2 /NDF: 5356.5/13

In: -130.248+/-2.738 χ^2 /NDF:2203.3/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -129.099+/-1.839 χ^2 /NDF: 5356.5/13

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.592+/-1.935 χ^2/NDF : 128.4/5

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

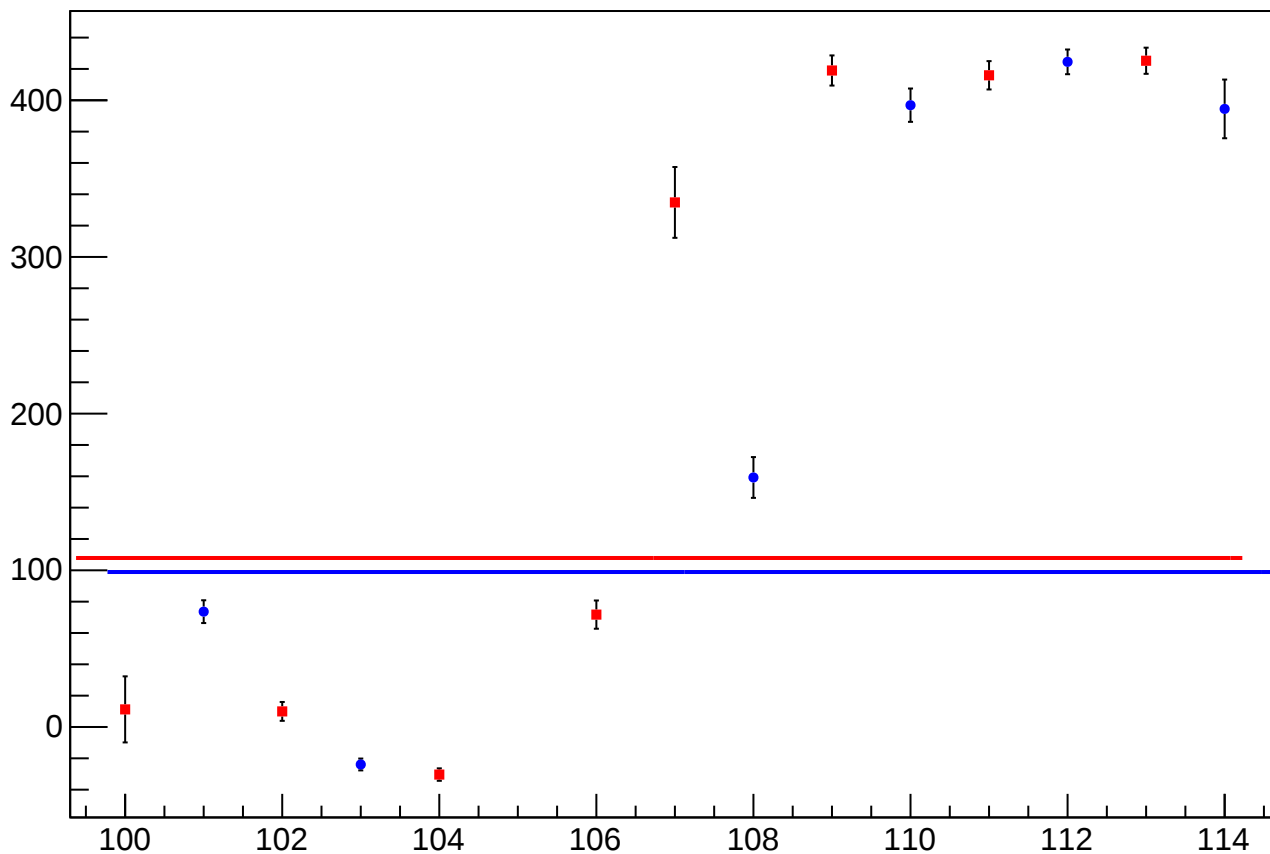
Right: 10.773+/-1.259 χ^2/NDF : 247.1/13

In: 12.592+/-1.935 χ^2/NDF : 128.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.773+/-1.259 χ^2/NDF : 247.1/13

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 98.913+/-2.858 χ^2/NDF : 3826.1/5

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

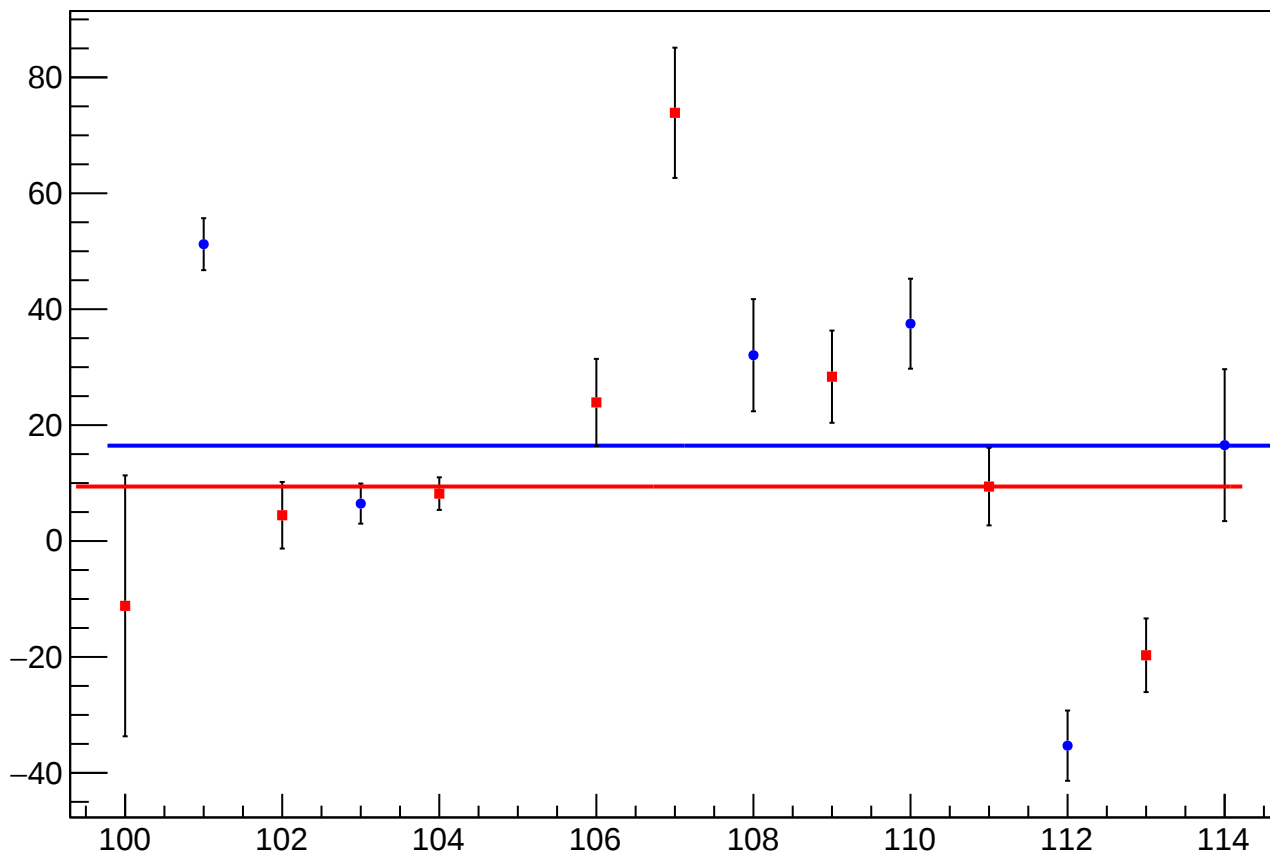
Right: 103.765+/-1.934 χ^2/NDF : 9099.0/13

In: 98.913+/-2.858 χ^2/NDF : 3826.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.765+/-1.934 χ^2/NDF : 9099.0/13

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.457 $\pm$ 2.272 χ^2 /NDF: 151.4/5

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

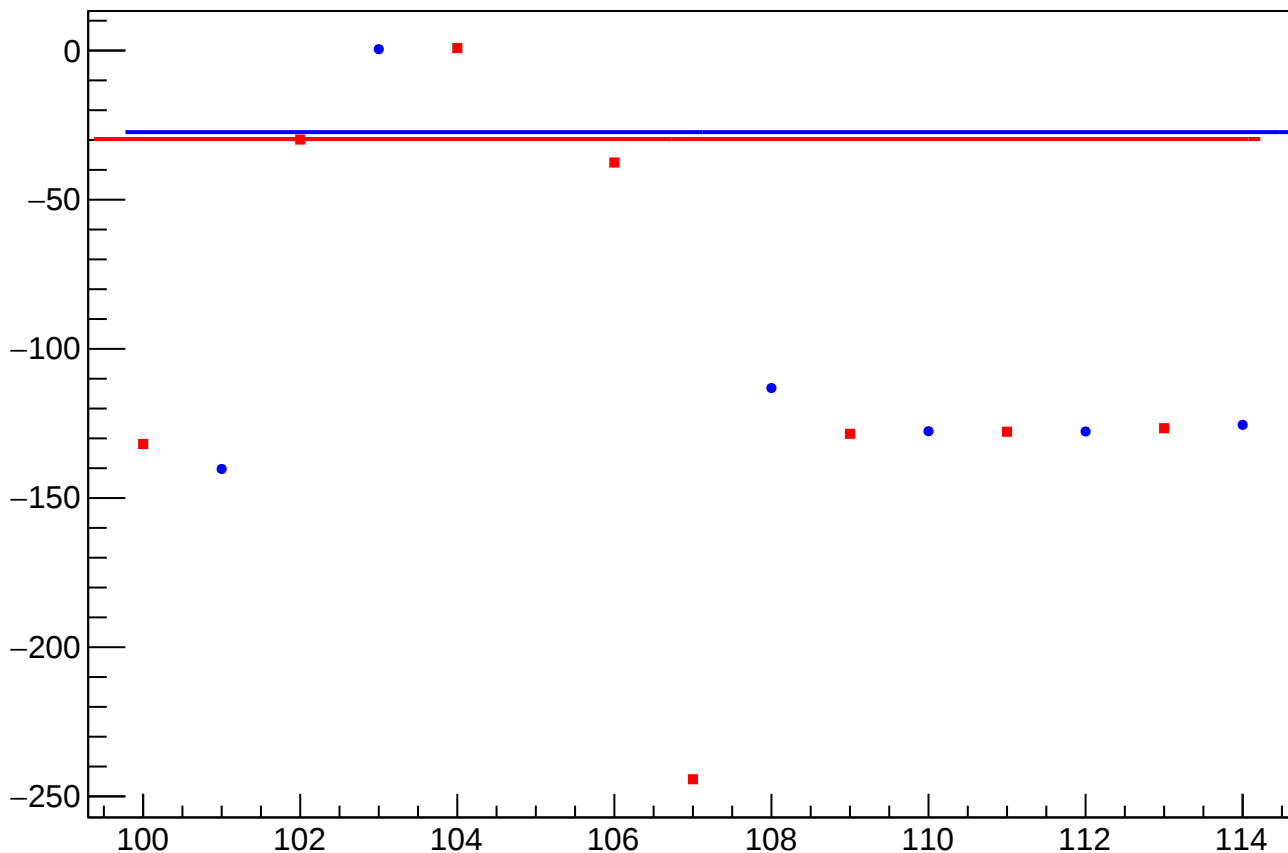
Right: 12.502 $\pm$ 1.506 χ^2 /NDF: 221.9/13

In: 16.457 $\pm$ 2.272 χ^2 /NDF: 151.4/5

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

All: 12.502 $\pm$ 1.506 χ^2 /NDF: 221.9/13

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -27.348 $\pm$ 0.075 χ^2 /NDF: 501400.9/5

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

Right Out: -29.647 $\pm$ 0.071 χ^2 /NDF: 466595.5/7

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

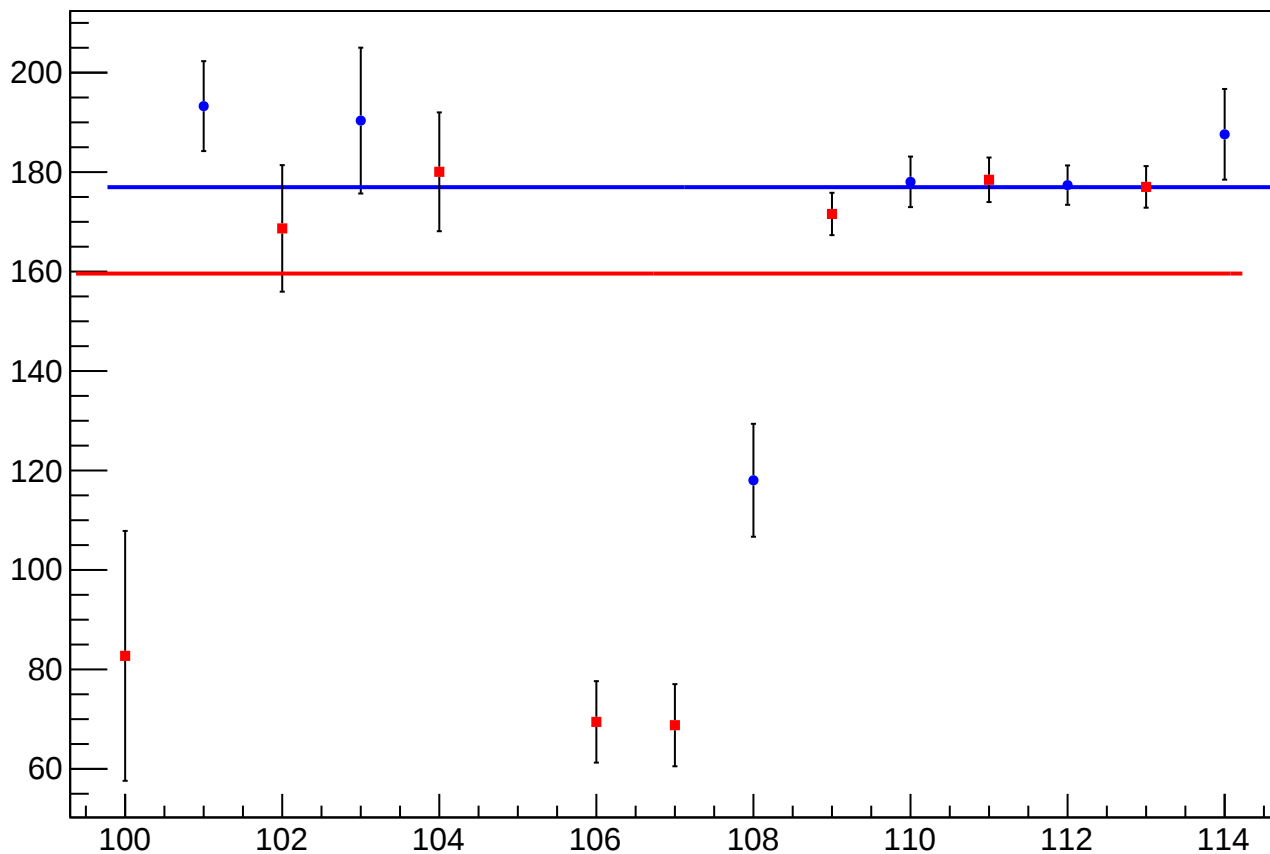
Right: -28.564 $\pm$ 0.052 χ^2 /NDF: 968491.8/13

In: -27.348 $\pm$ 0.075 χ^2 /NDF: 501400.9/5

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

All: -28.564 $\pm$ 0.052 χ^2 /NDF: 968491.8/13

reg_asym_atl_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 176.971 $\pm$ 2.680 χ^2 /NDF: 32.5/5

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

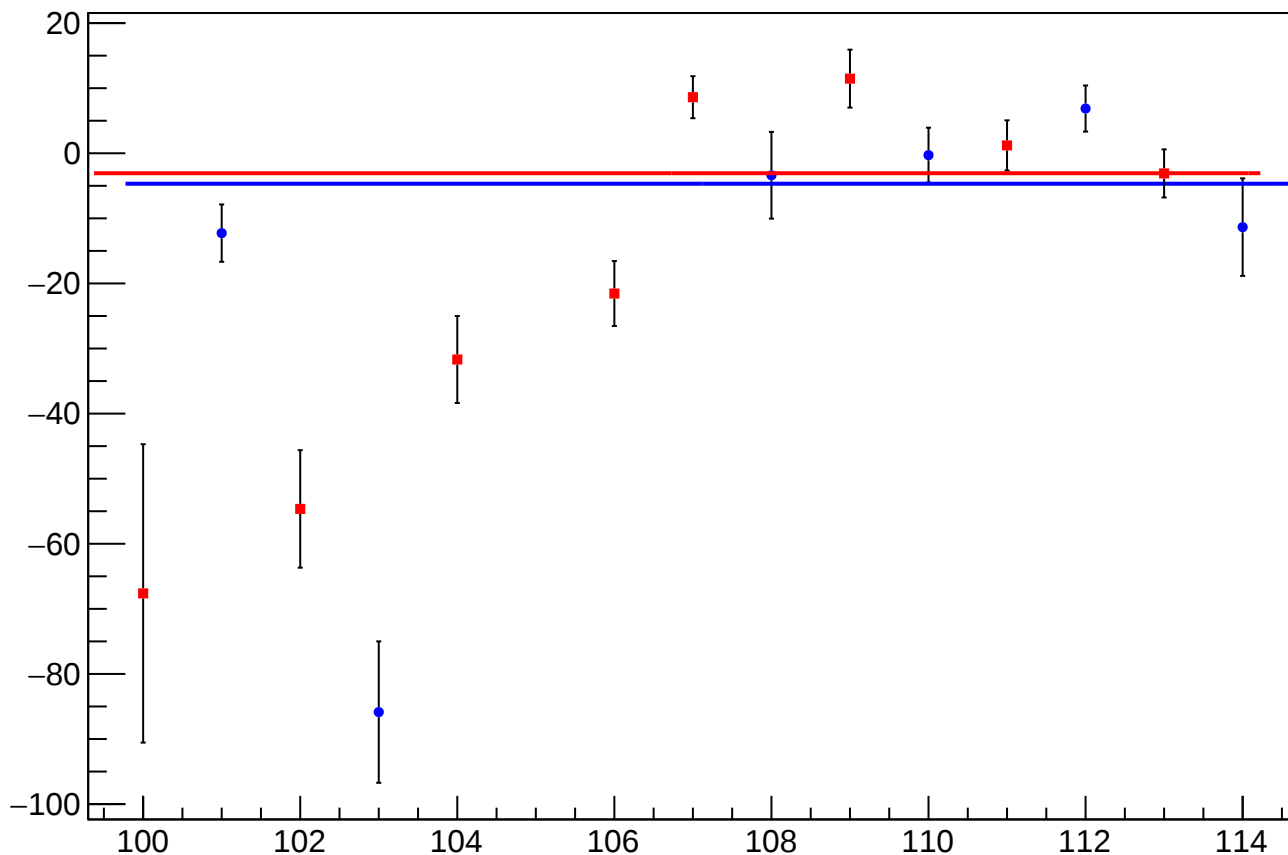
Right: 166.594 $\pm$ 1.701 χ^2 /NDF: 355.4/13

In: 176.971 $\pm$ 2.680 χ^2 /NDF: 32.5/5

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

All: 166.594 $\pm$ 1.701 χ^2 /NDF: 355.4/13

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.678 ± 2.057 χ^2/NDF : 71.4/5

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

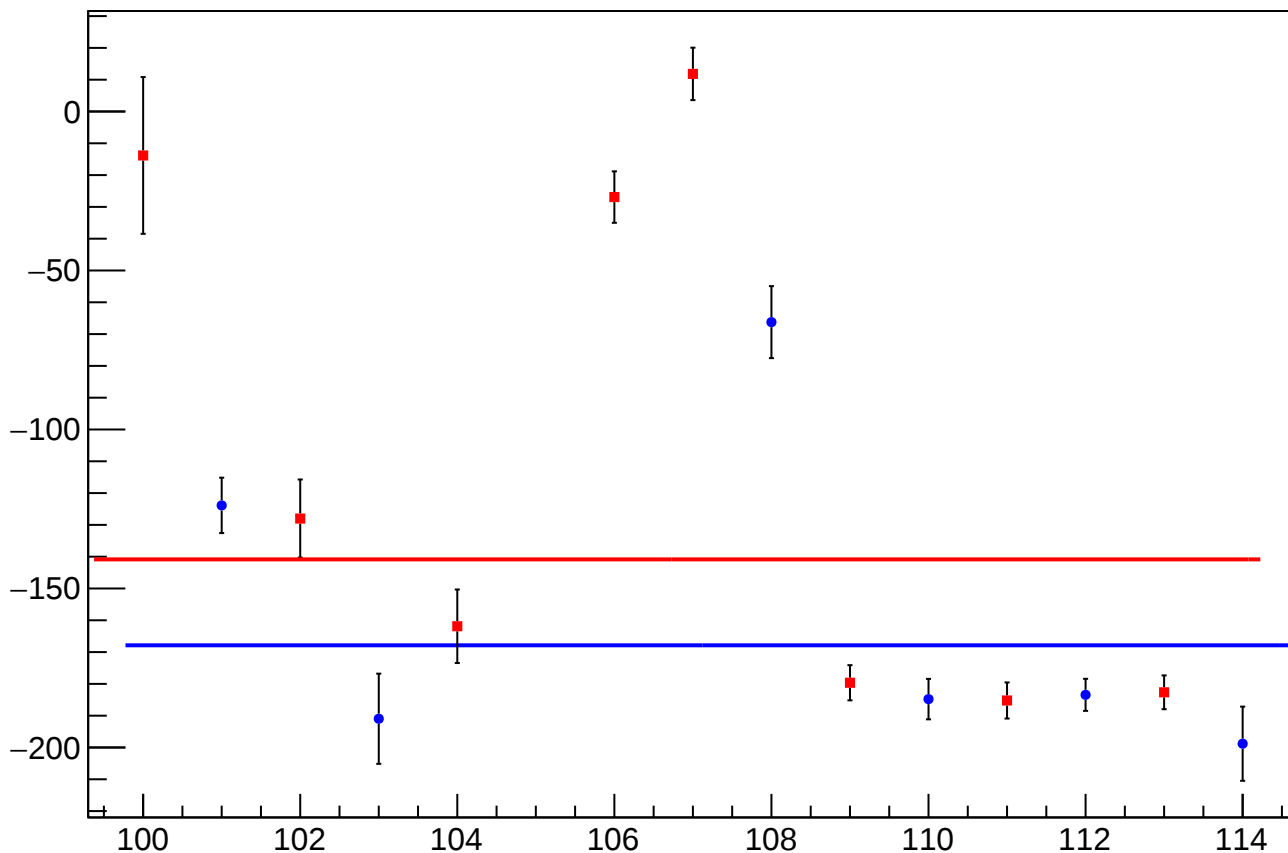
Right: -3.701 ± 1.291 χ^2/NDF : 169.4/13

In: -4.678 ± 2.057 χ^2/NDF : 71.4/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.701 ± 1.291 χ^2/NDF : 169.4/13

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -167.869+/-3.205 χ^2/NDF : 132.4/5

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

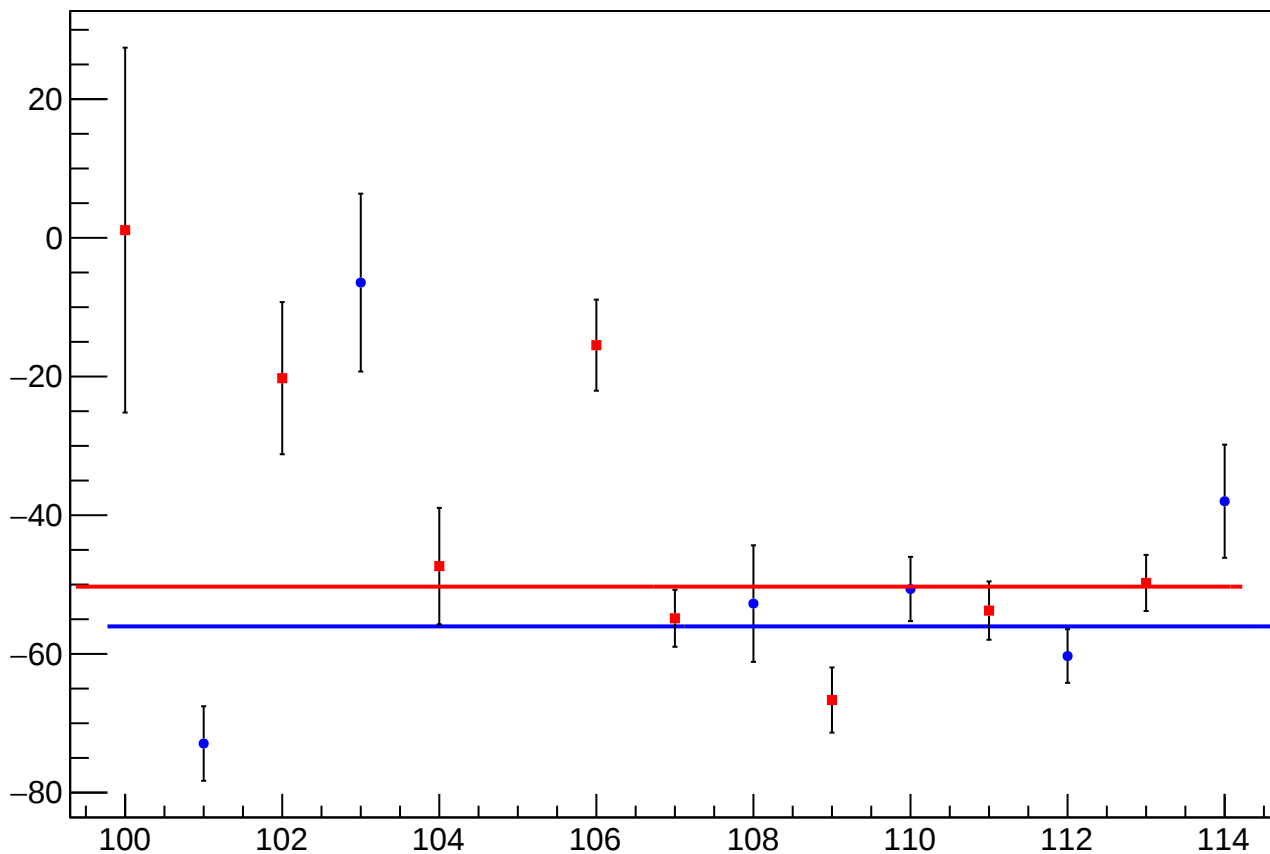
Right: -151.710+/-2.032 χ^2/NDF : 919.3/13

In: -167.869+/-3.205 χ^2/NDF : 132.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -151.710+/-2.032 χ^2/NDF : 919.3/13

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -56.033 ± 2.336 χ^2/NDF : 32.4/5

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

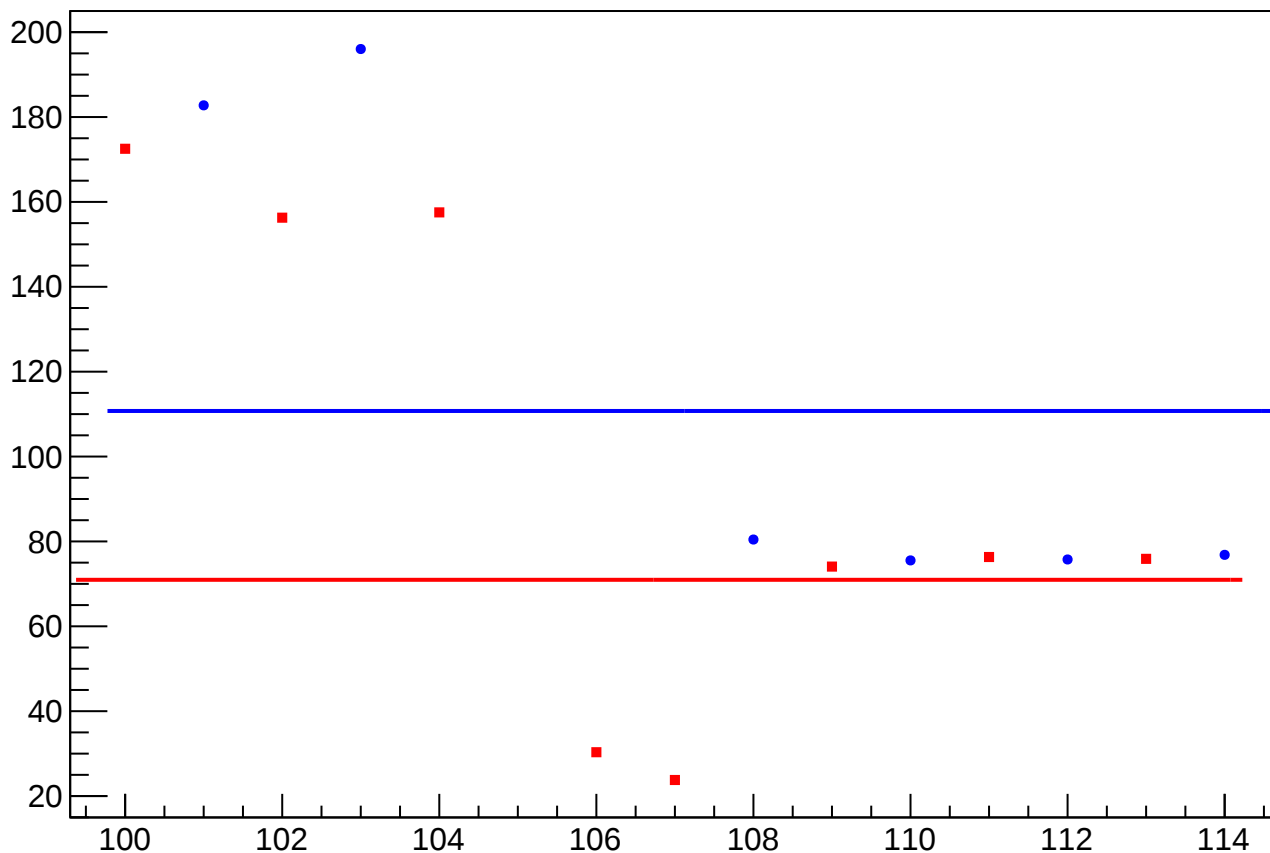
Right: -52.622 ± 1.487 χ^2/NDF : 89.6/13

In: -56.033 ± 2.336 χ^2/NDF : 32.4/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -52.622 ± 1.487 χ^2/NDF : 89.6/13

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 110.740 $\pm$ 0.122 χ^2 /NDF: 177353.1/5

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

Right Out: 70.958 $\pm$ 0.089 χ^2 /NDF: 294364.3/7

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

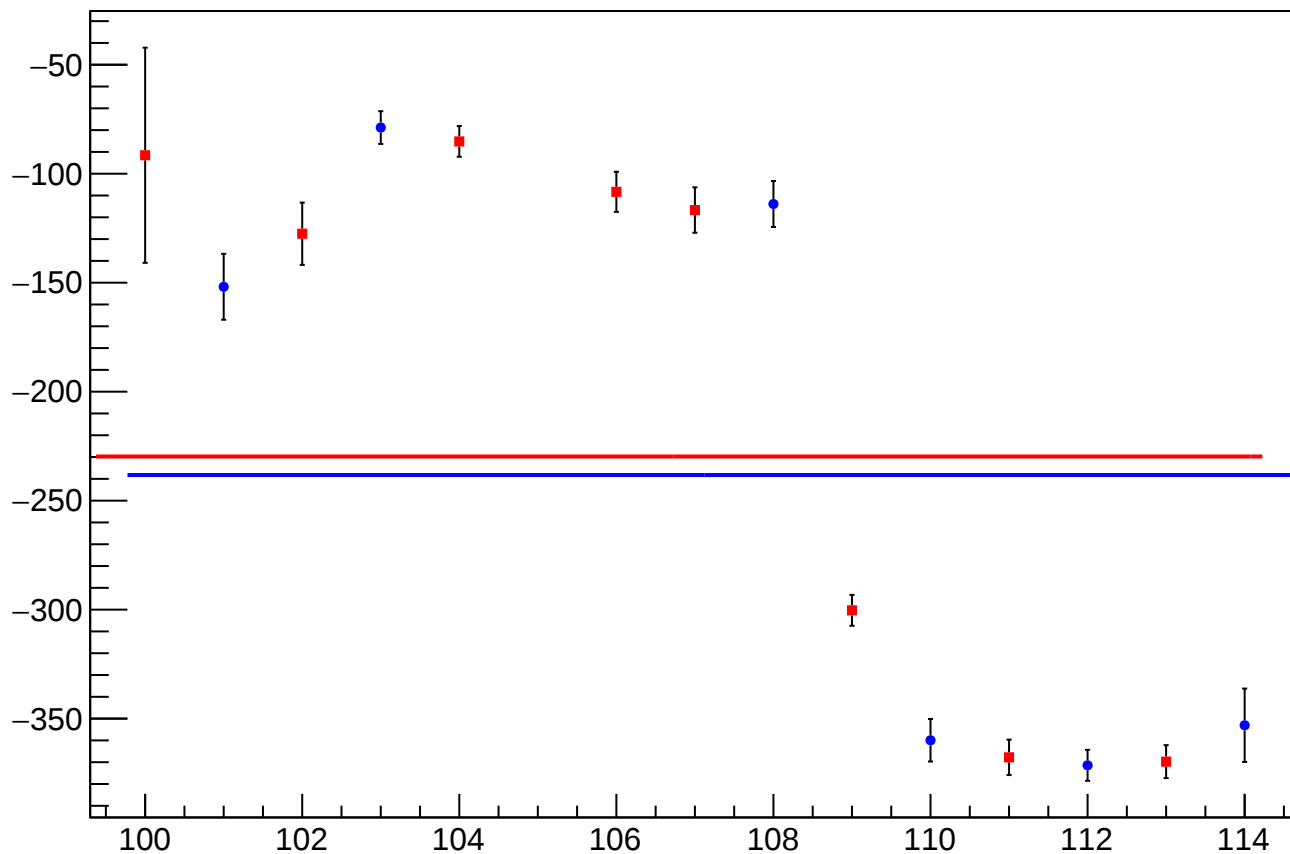
Right: 84.783 $\pm$ 0.072 χ^2 /NDF: 540945.3/13

In: 110.740 $\pm$ 0.122 χ^2 /NDF: 177353.1/5

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

All: 84.783 $\pm$ 0.072 χ^2 /NDF: 540945.3/13

reg_asym_atr_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -238.240 $\pm$ 3.924 χ^2 /NDF: 1175.8/5

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

Right Out: -229.737 $\pm$ 3.175 χ^2 /NDF: 1505.3/7

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

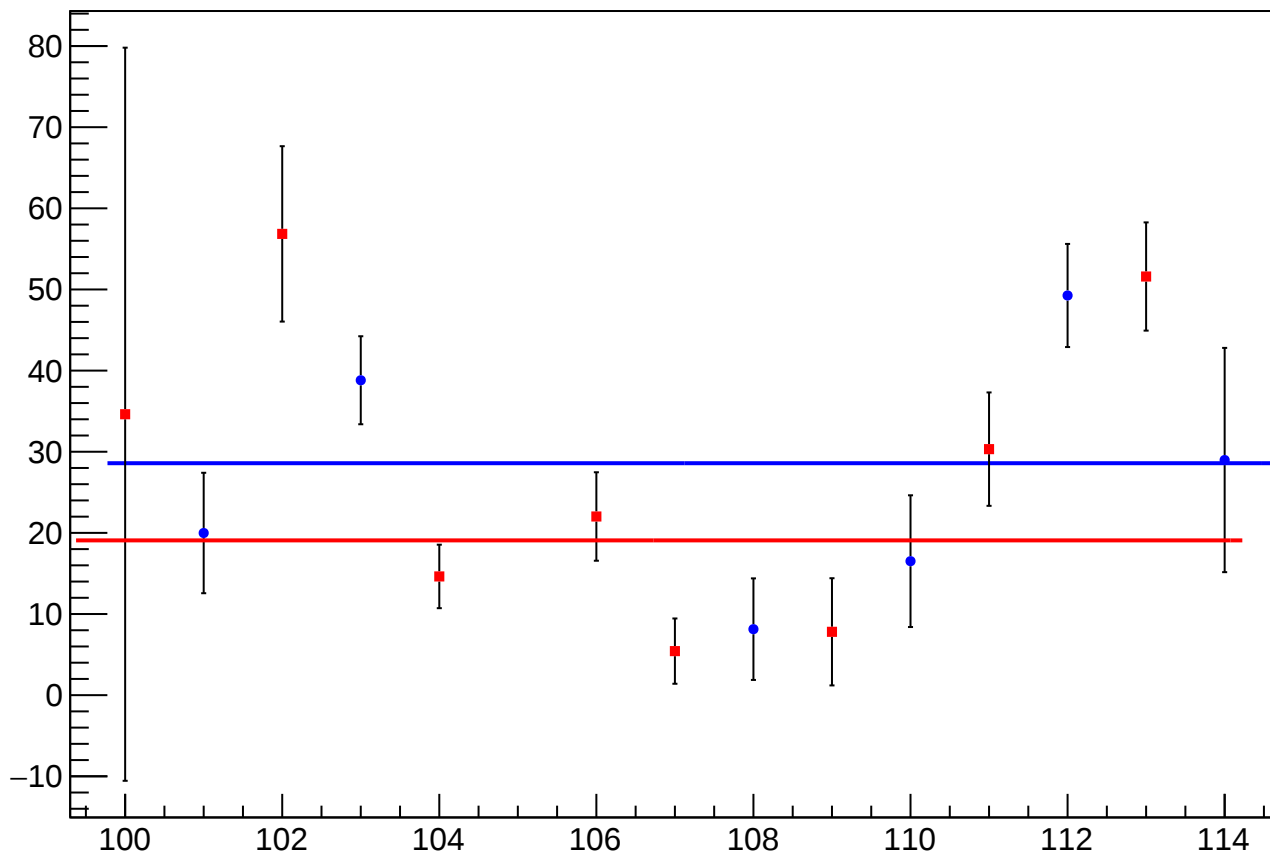
Right: -233.101 $\pm$ 2.468 χ^2 /NDF: 2684.0/13

In: -238.240 $\pm$ 3.924 χ^2 /NDF:1175.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -233.101 $\pm$ 2.468 χ^2 /NDF: 2684.0/13

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 28.587 $\pm$ 2.853 χ^2 /NDF: 28.4/5

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

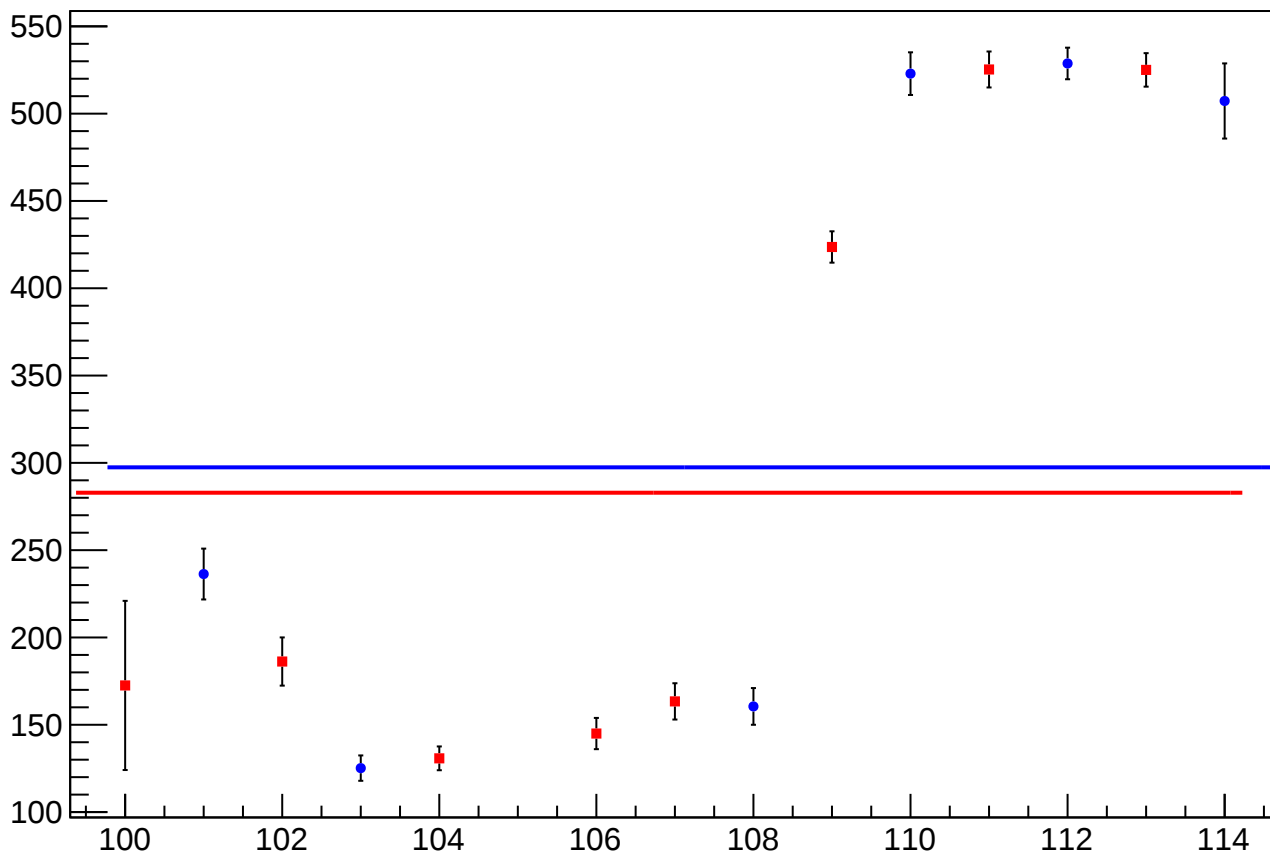
Right: 22.334 $\pm$ 1.670 χ^2 /NDF: 90.4/13

In: 28.587 $\pm$ 2.853 χ^2 /NDF: 28.4/5

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

All: 22.334 $\pm$ 1.670 χ^2 /NDF: 90.4/13

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 297.438+/-4.311 χ^2/NDF : 1839.4/5

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

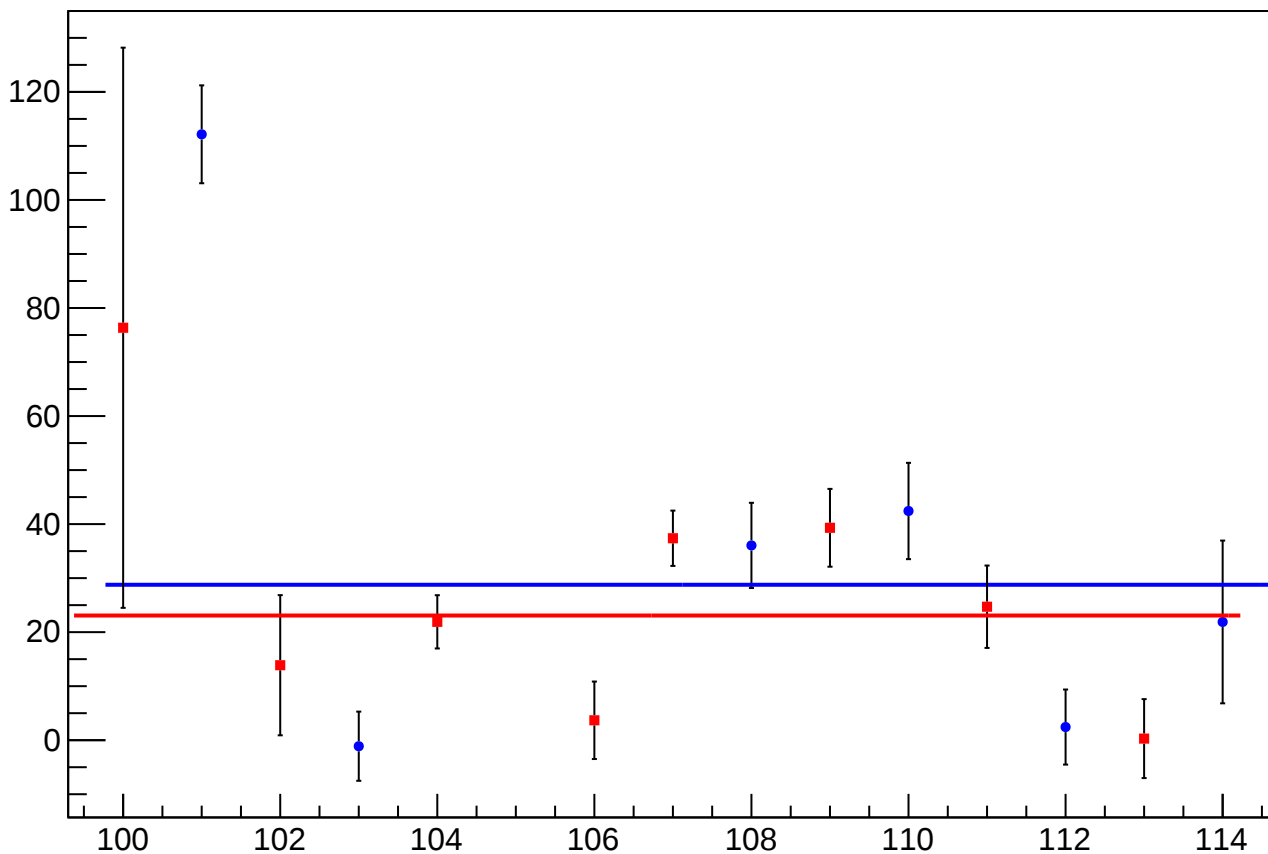
Right: 288.673+/-2.717 χ^2/NDF : 4206.0/13

In: 297.438+/-4.311 χ^2/NDF :1839.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 288.673+/-2.717 χ^2/NDF : 4206.0/13

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.771+/-3.326 χ^2/NDF : 124.3/5

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

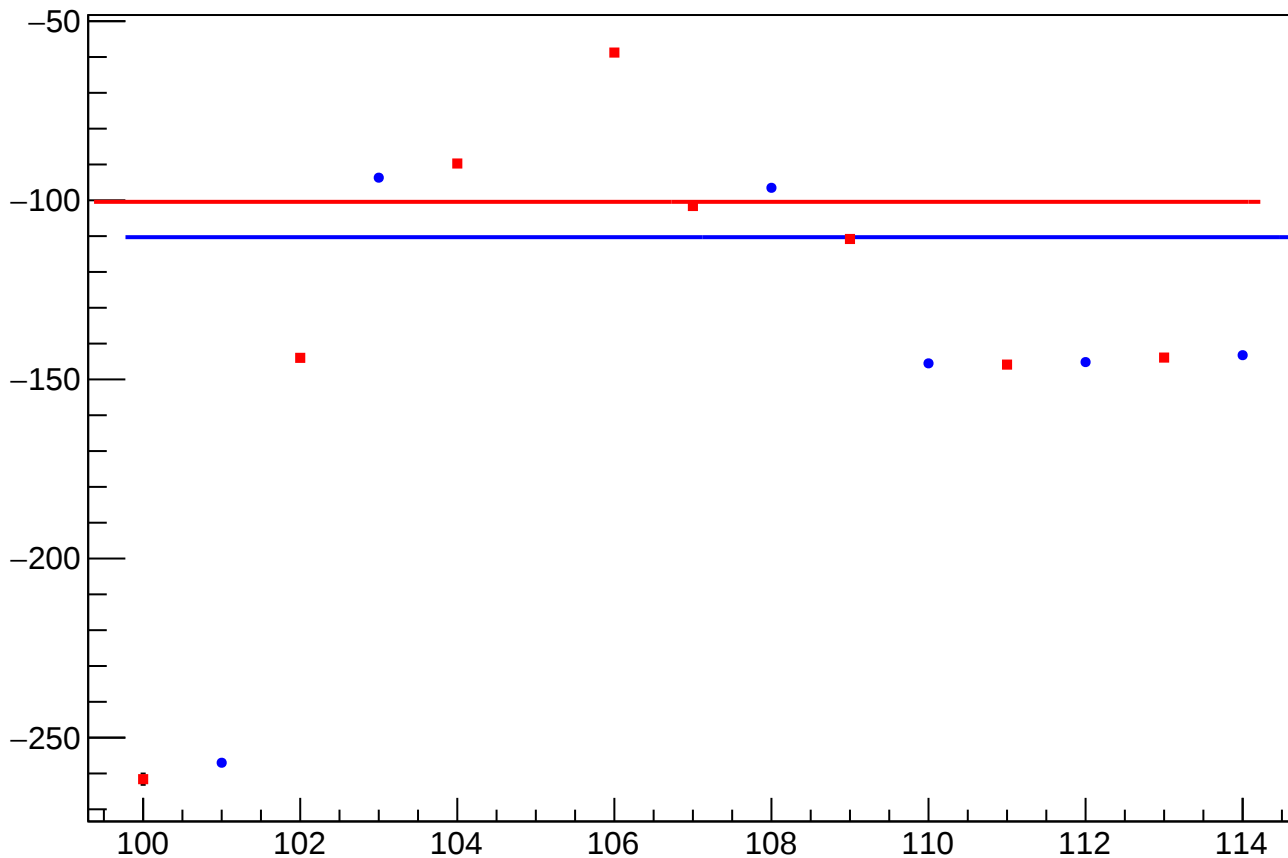
Right: 25.131+/-1.997 χ^2/NDF : 157.7/13

In: 28.771+/-3.326 χ^2/NDF : 124.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.131+/-1.997 χ^2/NDF : 157.7/13

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -110.294+/-0.121 χ^2/NDF : 103711.2/5

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

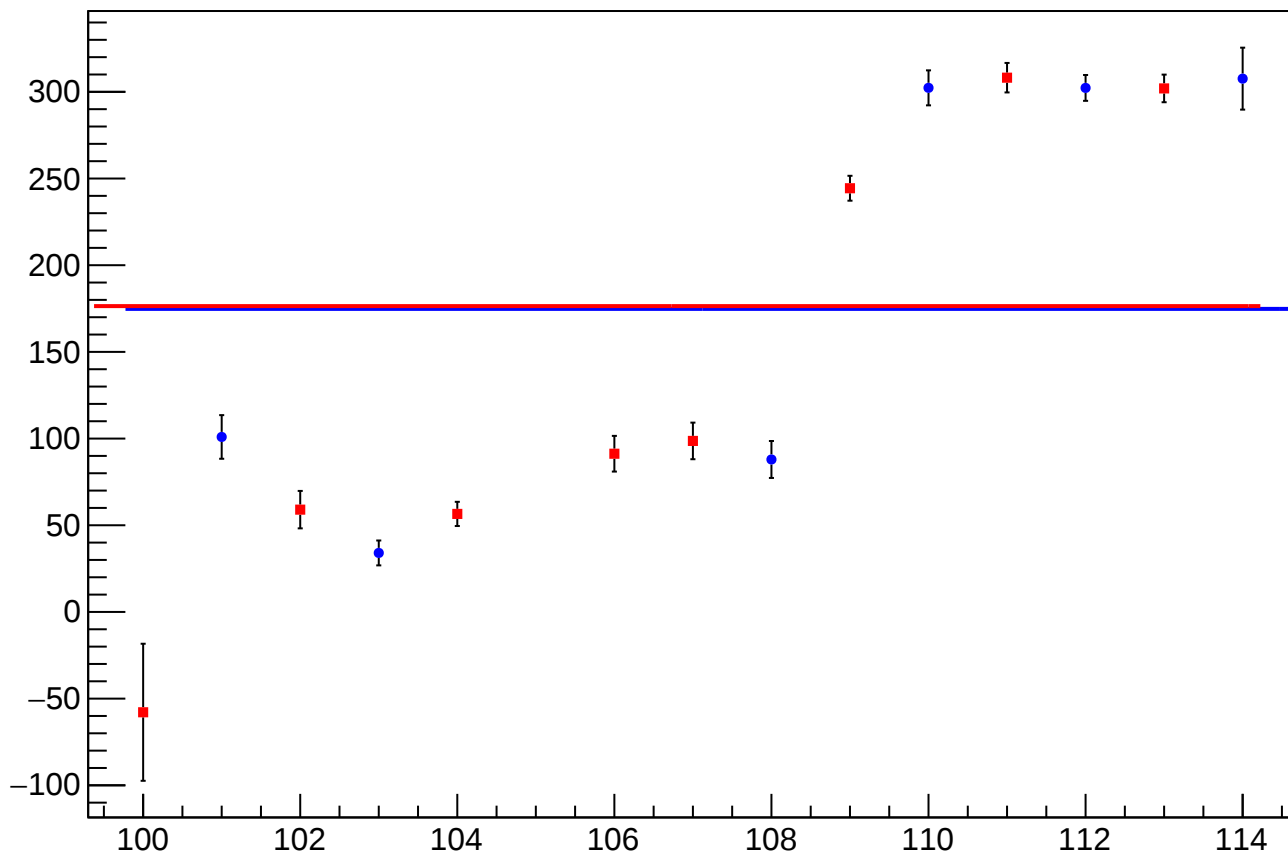
Right: -104.545+/-0.078 χ^2/NDF : 188541.4/13

In: -110.294+/-0.121 χ^2/NDF : 103711.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -104.545+/-0.078 χ^2/NDF : 188541.4/13

reg_asym_atr_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 174.805+/-3.908 χ^2/NDF : 993.0/5

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

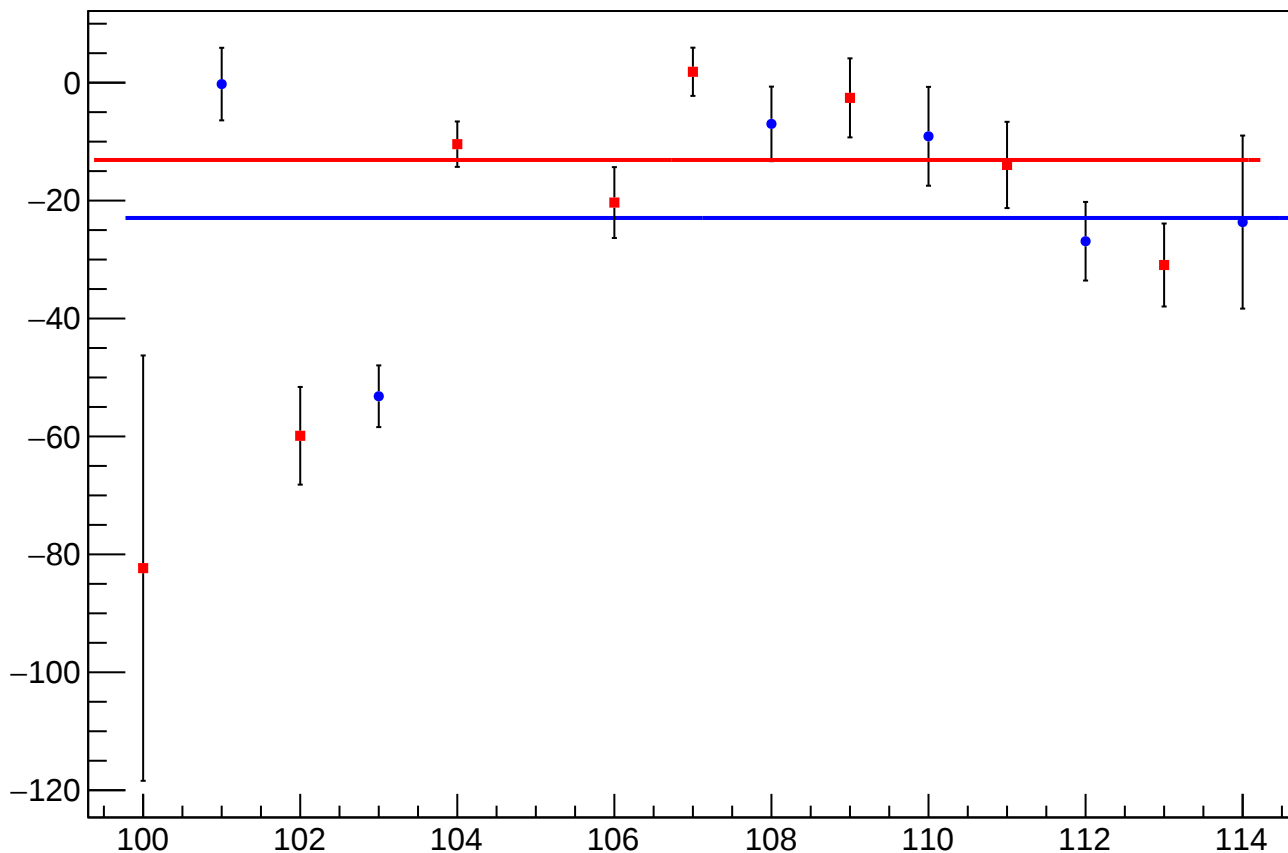
Right: 175.762+/-2.480 χ^2/NDF : 2142.3/13

In: 174.805+/-3.908 χ^2/NDF : 993.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.762+/-2.480 χ^2/NDF : 2142.3/13

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -22.946 ± 2.781 χ^2/NDF : 56.5/5

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

Right Out: -13.110 ± 2.078 χ^2/NDF : 59.8/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

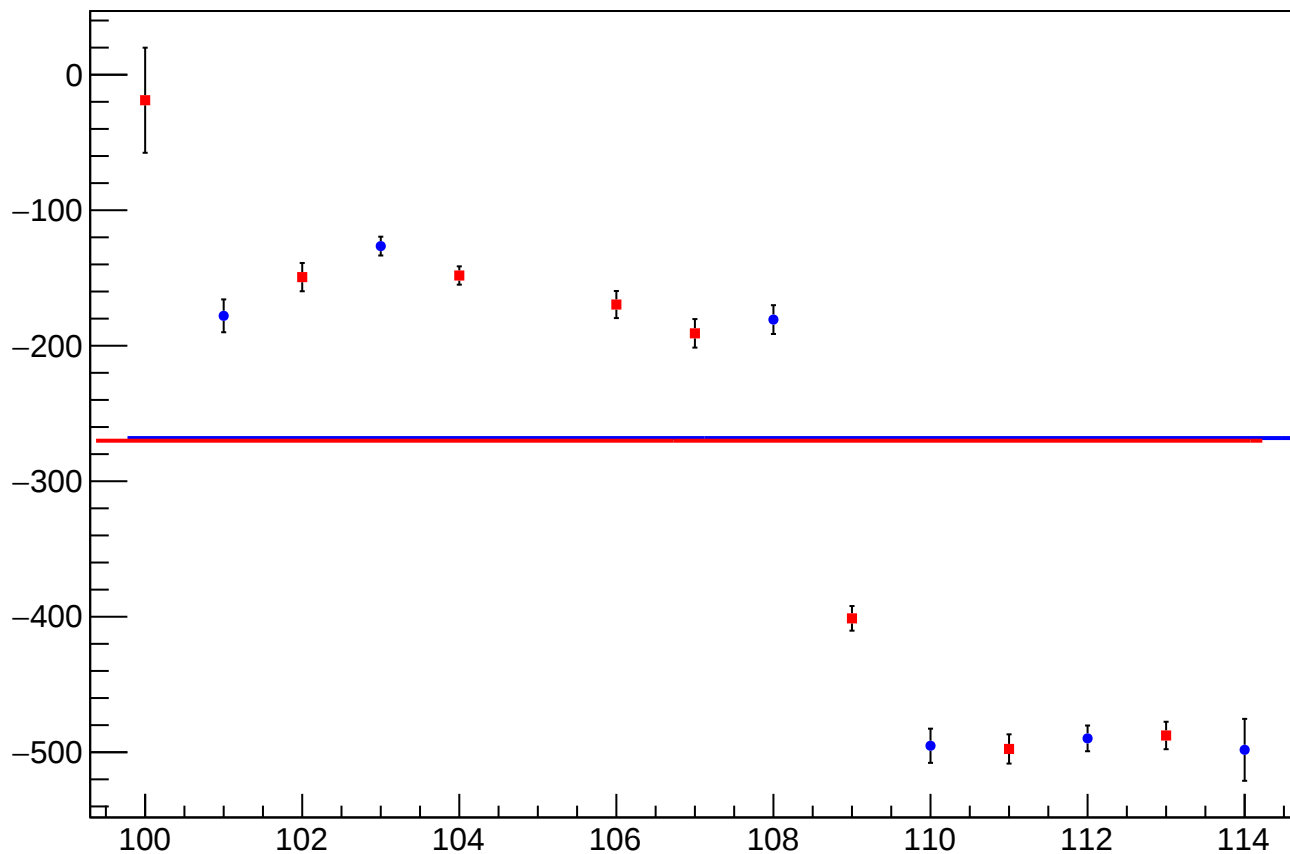
Right: -16.636 ± 1.665 χ^2/NDF : 124.3/13

In: -22.946 ± 2.781 χ^2/NDF : 56.5/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.636 ± 1.665 χ^2/NDF : 124.3/13

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -268.142 $\pm$ 4.237 χ^2 /NDF: 1510.2/5

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

Right Out: -270.088 $\pm$ 3.509 χ^2 /NDF: 1773.4/7

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

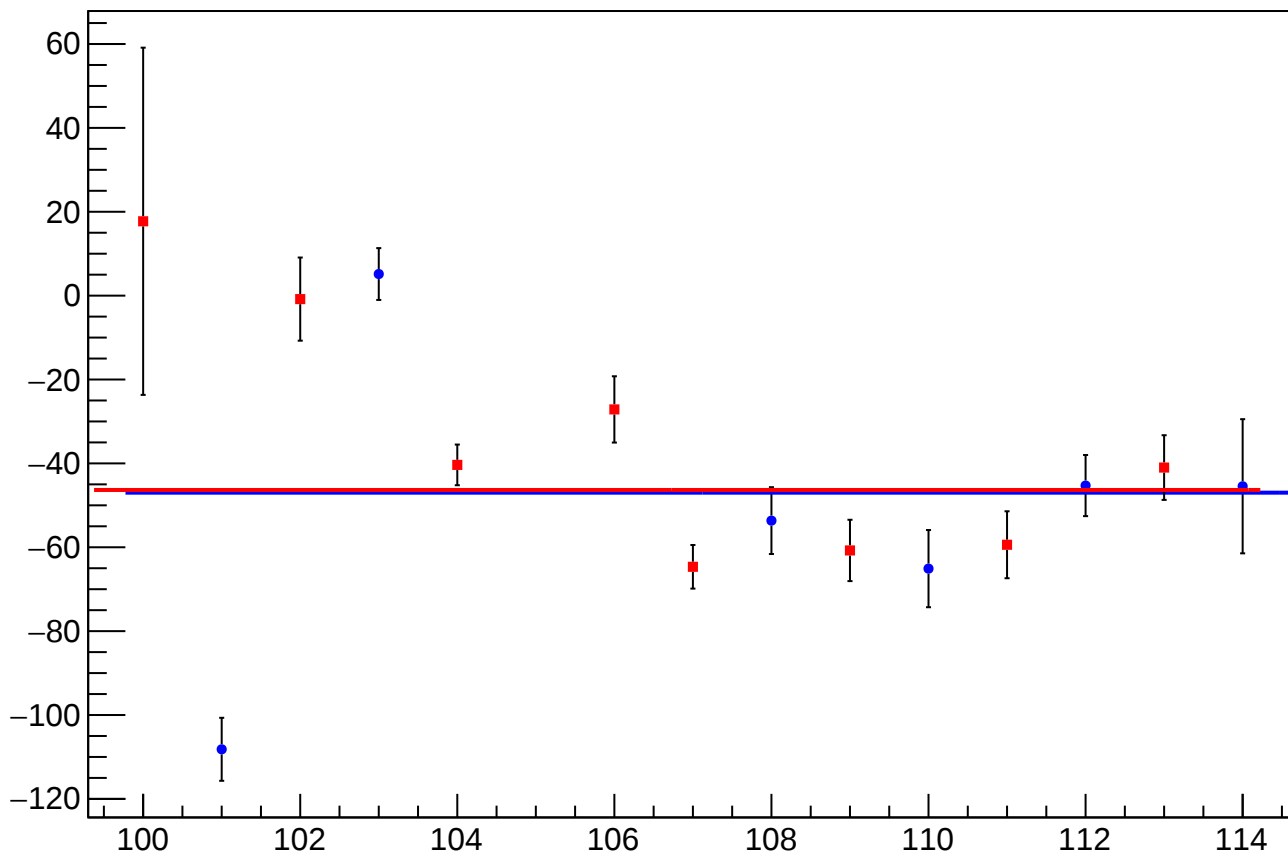
Right: -269.296 $\pm$ 2.703 χ^2 /NDF: 3283.7/13

In: -268.142 $\pm$ 4.237 χ^2 /NDF:1510.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -269.296 $\pm$ 2.703 χ^2 /NDF: 3283.7/13

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -46.981 $\pm$ 3.258 χ^2 /NDF: 142.2/5

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

Right Out: -46.339 $\pm$ 2.520 χ^2 /NDF: 50.4/7

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

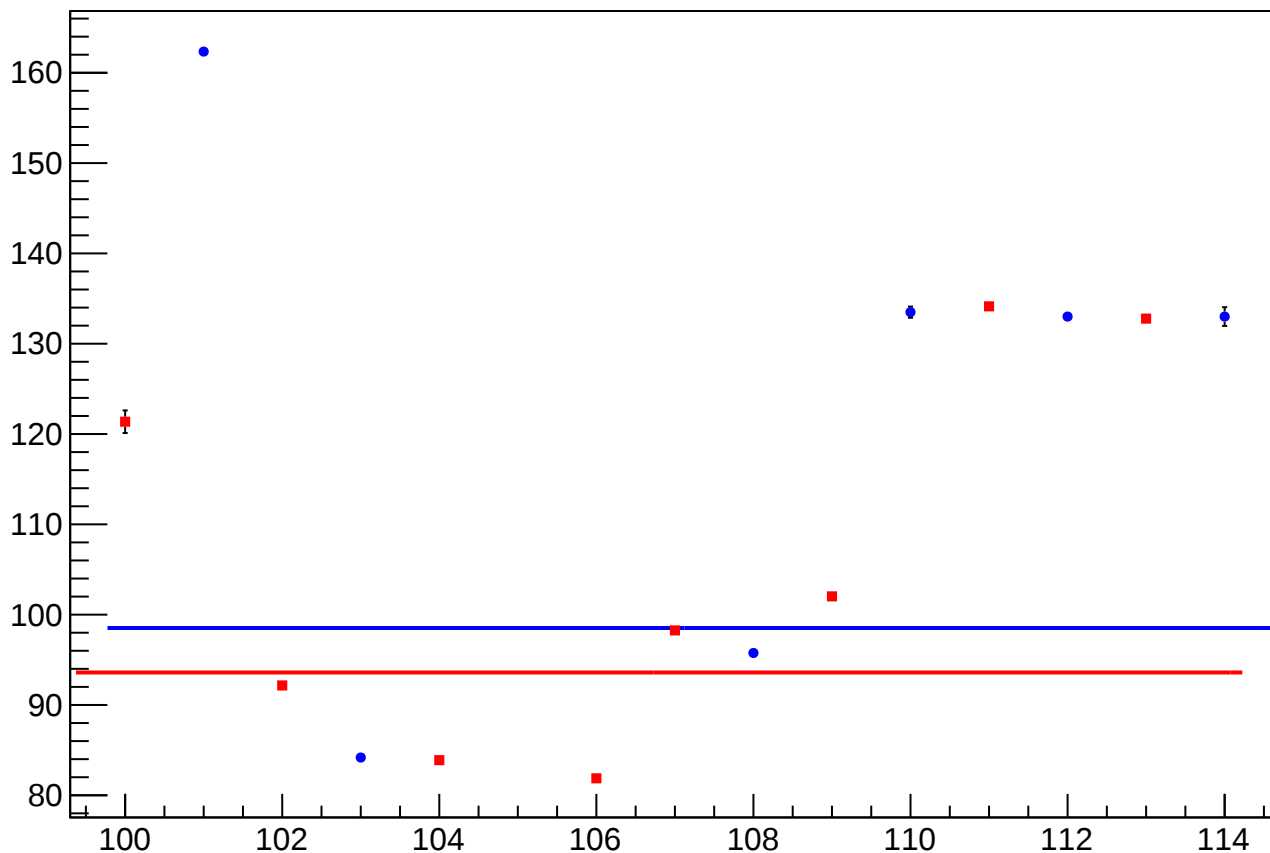
Right: -46.579 $\pm$ 1.993 χ^2 /NDF: 192.6/13

In: -46.981 $\pm$ 3.258 χ^2 /NDF:142.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -46.579 $\pm$ 1.993 χ^2 /NDF: 192.6/13

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 98.523 ± 0.118 χ^2/NDF : 40623.3/5

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

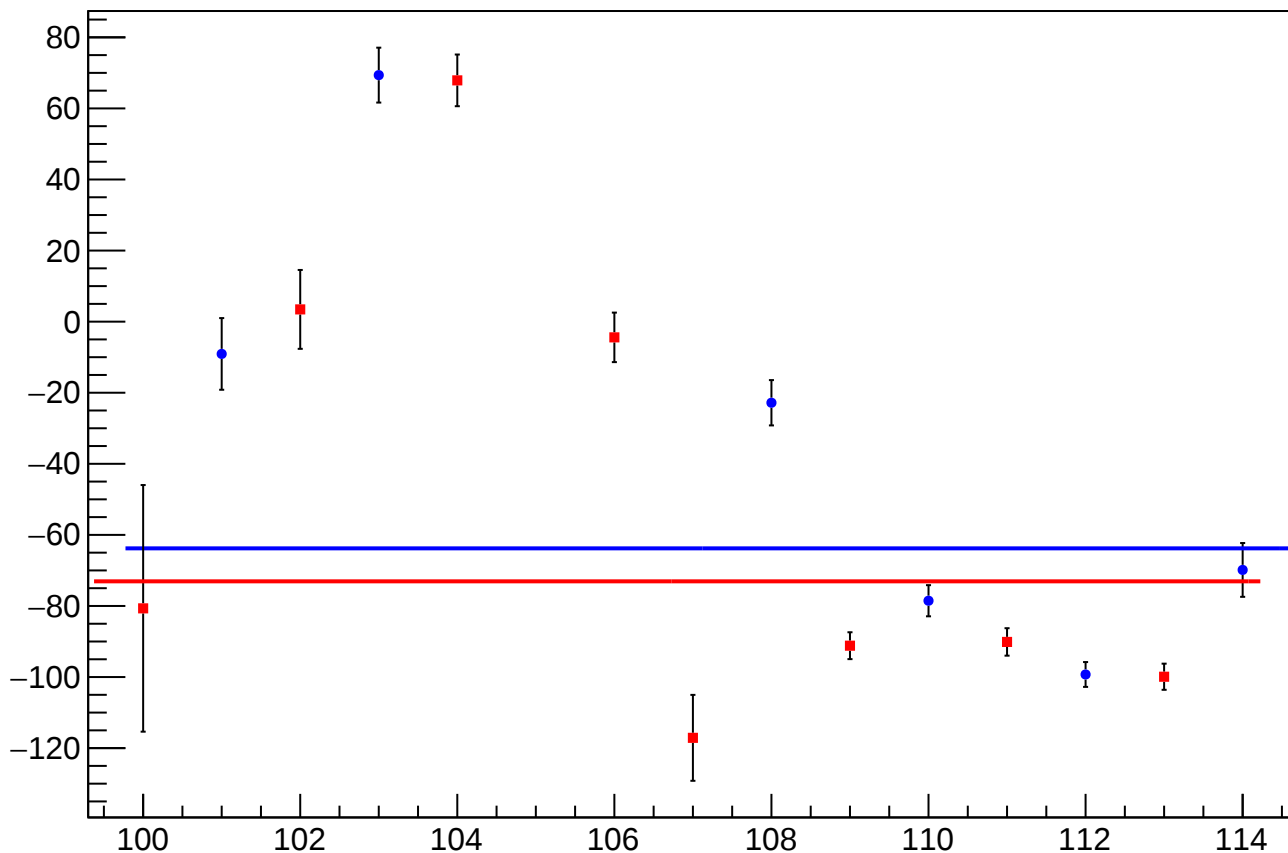
Right: 95.675 ± 0.076 χ^2/NDF : 61928.0/13

In: 98.523 ± 0.118 χ^2/NDF : 40623.3/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 95.675 ± 0.076 χ^2/NDF : 61928.0/13

reg_asym_at1_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -63.790 $\pm$ 2.222 χ^2 /NDF: 483.0/5

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

Right Out: -73.070 $\pm$ 1.938 χ^2 /NDF: 629.5/7

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

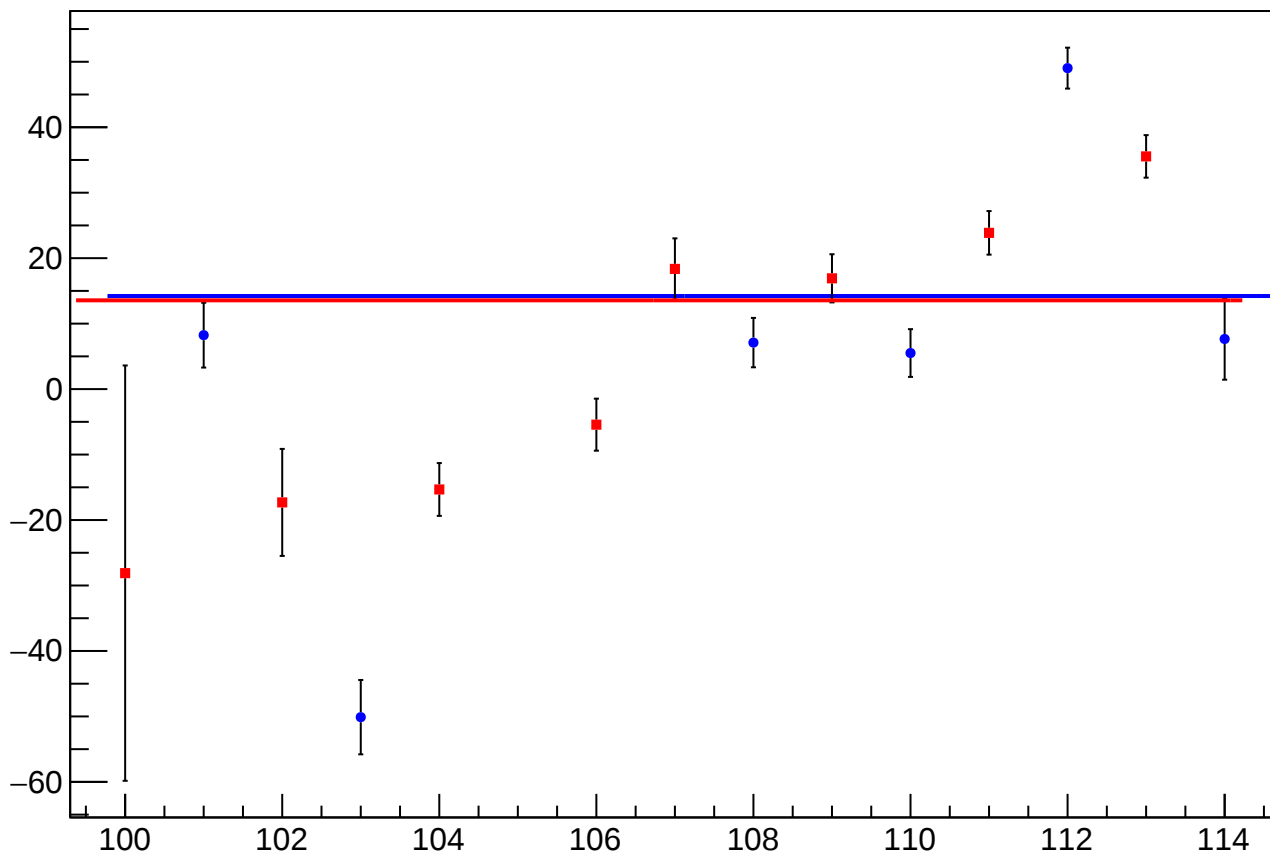
Right: -69.060 $\pm$ 1.461 χ^2 /NDF: 1122.4/13

In: -63.790 $\pm$ 2.222 χ^2 /NDF: 483.0/5

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

All: -69.060 $\pm$ 1.461 χ^2 /NDF: 1122.4/13

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.219+/-1.701 χ^2/NDF : 264.3/5

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

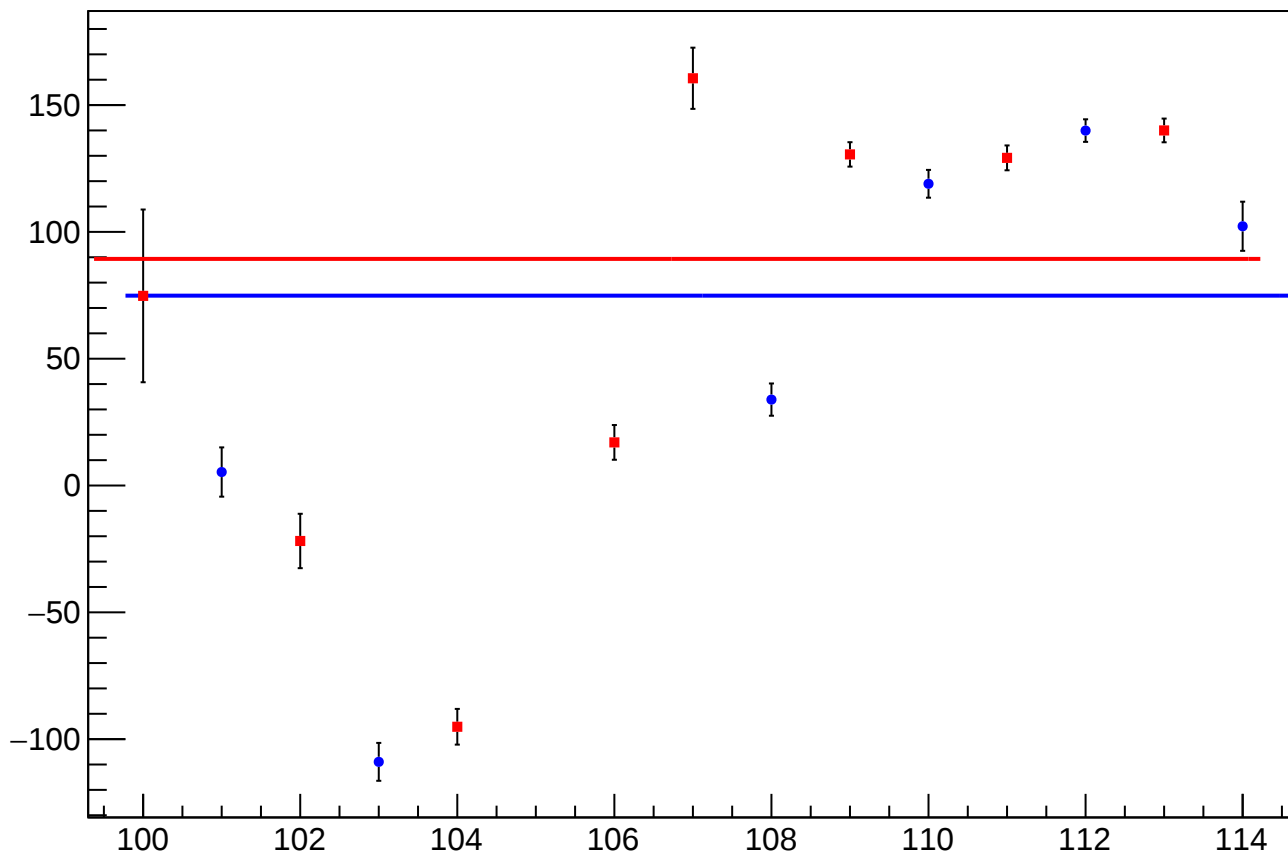
Right: 13.848+/-1.124 χ^2/NDF : 411.8/13

In: 14.219+/-1.701 χ^2/NDF : 264.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.848+/-1.124 χ^2/NDF : 411.8/13

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.860 $\pm$ 2.602 χ^2 /NDF: 984.8/5

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

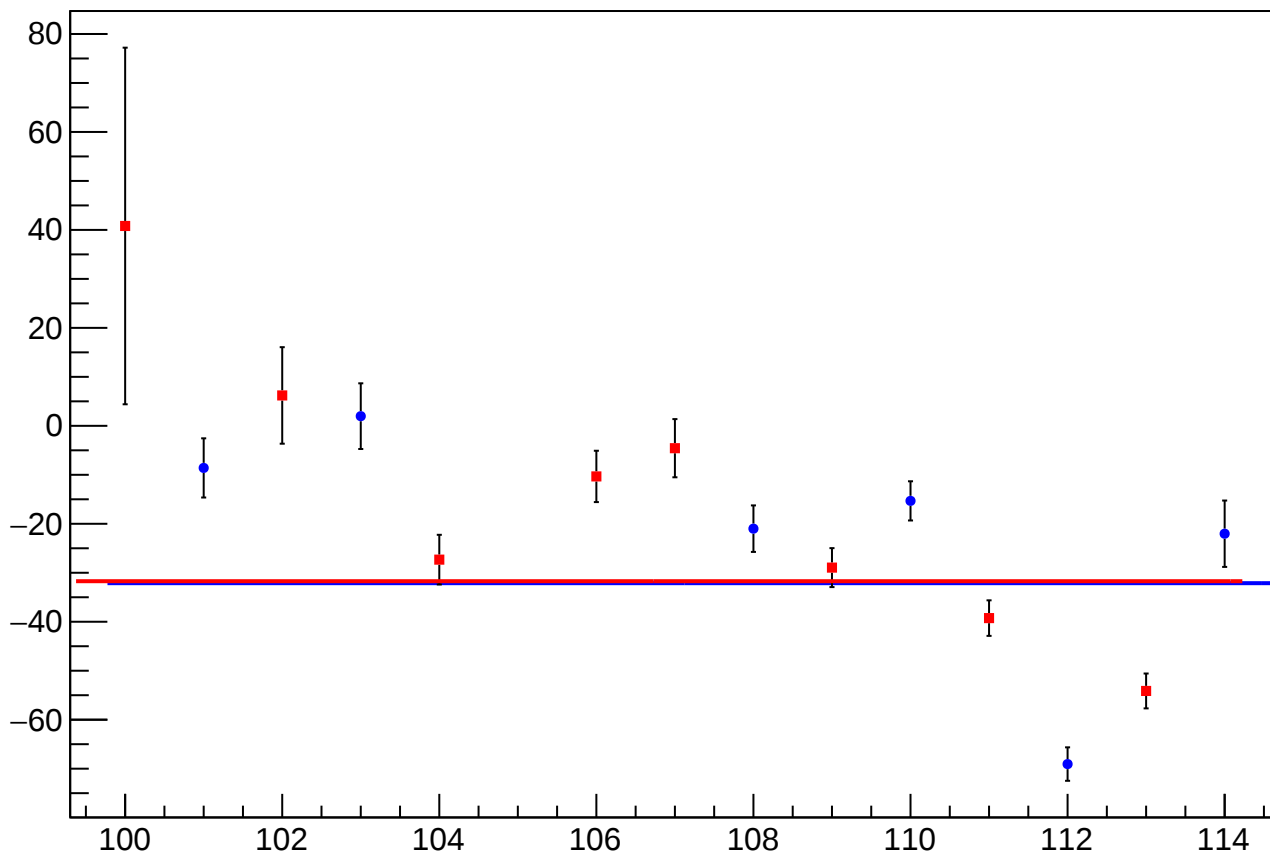
Right: 82.985 $\pm$ 1.725 χ^2 /NDF: 2199.8/13

In: 74.860 $\pm$ 2.602 χ^2 /NDF:984.8/5

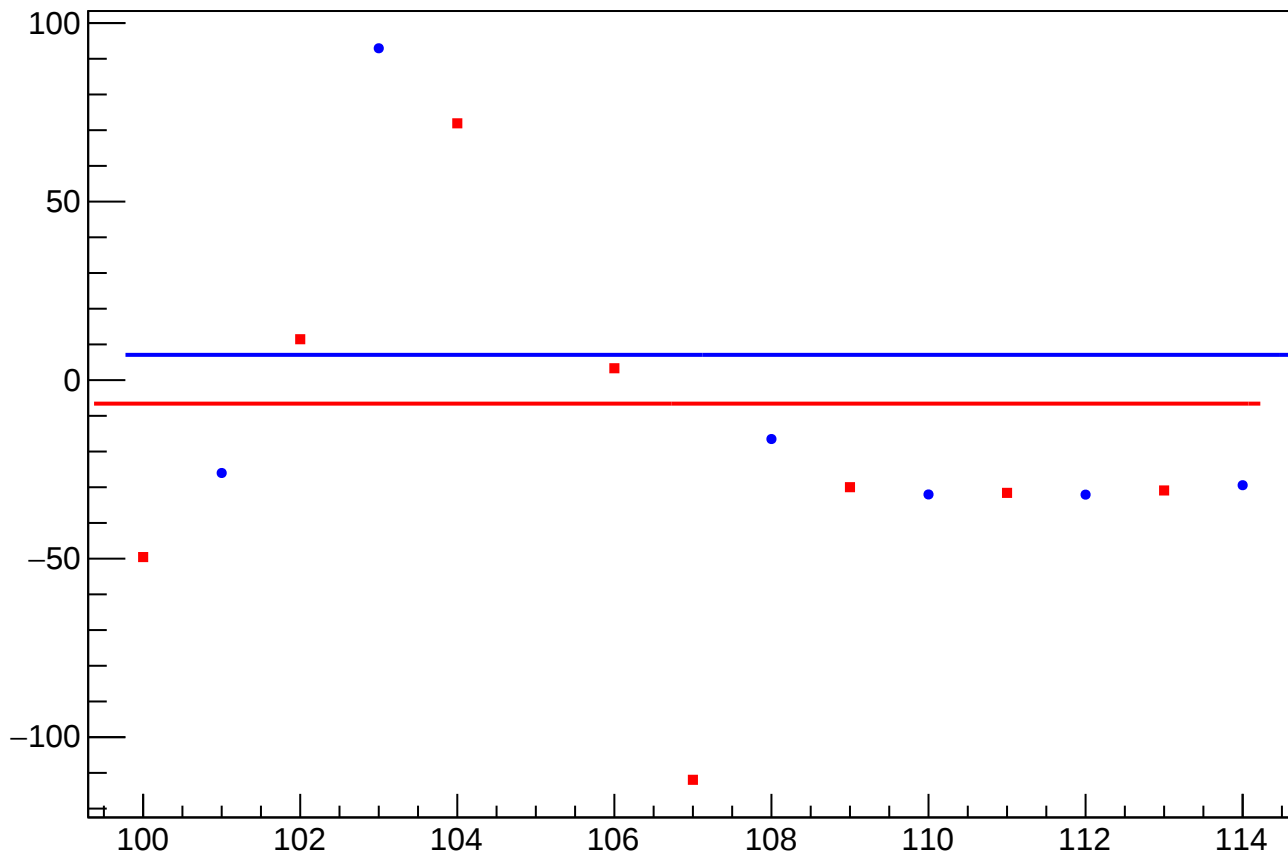
Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 82.985 $\pm$ 1.725 χ^2 /NDF: 2199.8/13

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.078+/-0.086 χ^2/NDF : 362697.8/5

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

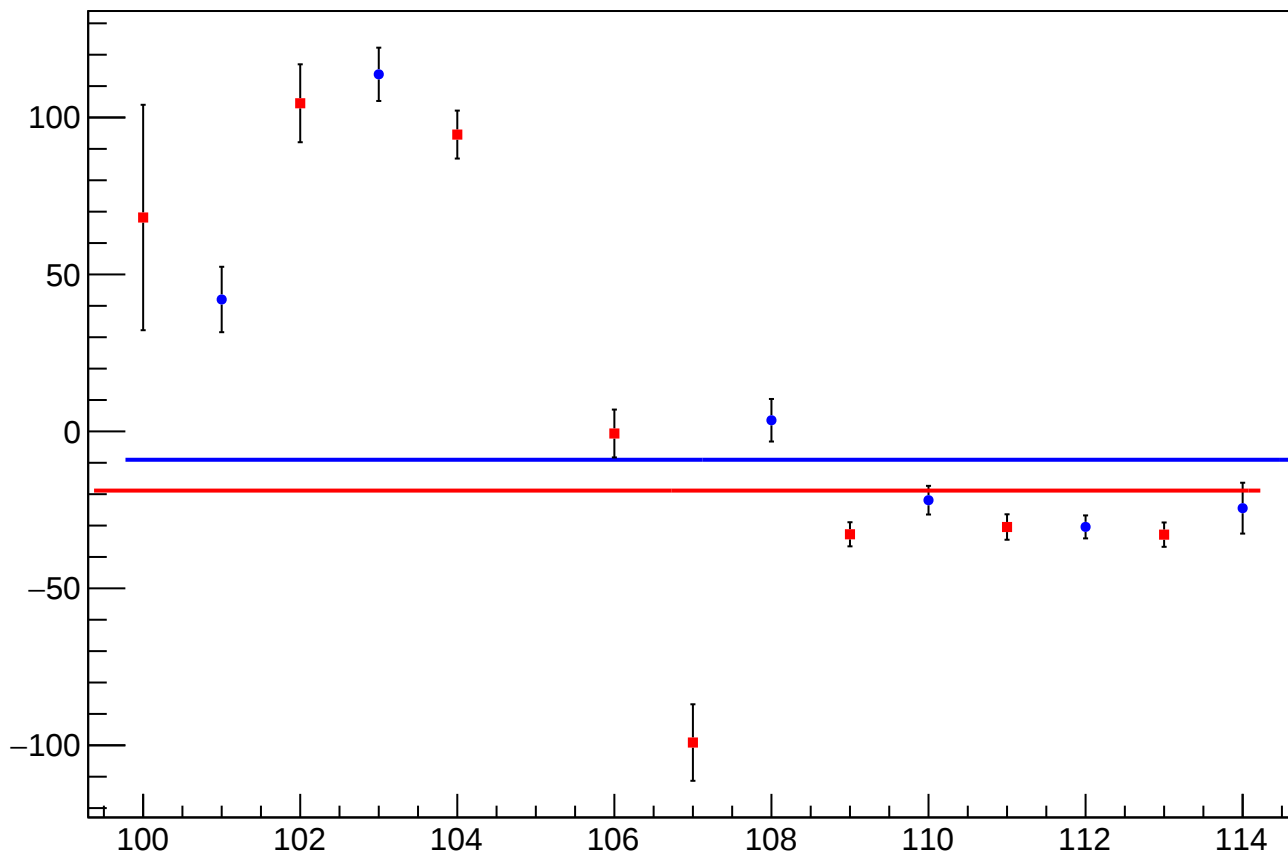
Right: -0.347+/-0.058 χ^2/NDF : 762799.6/13

In: 7.078+/-0.086 χ^2/NDF : 362697.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.347+/-0.058 χ^2/NDF : 762799.6/13

reg_asym_at1_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -9.037 $\pm$ 2.340 χ^2 /NDF: 282.3/5

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

Right Out: -18.856 $\pm$ 2.026 χ^2 /NDF: 408.5/7

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

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

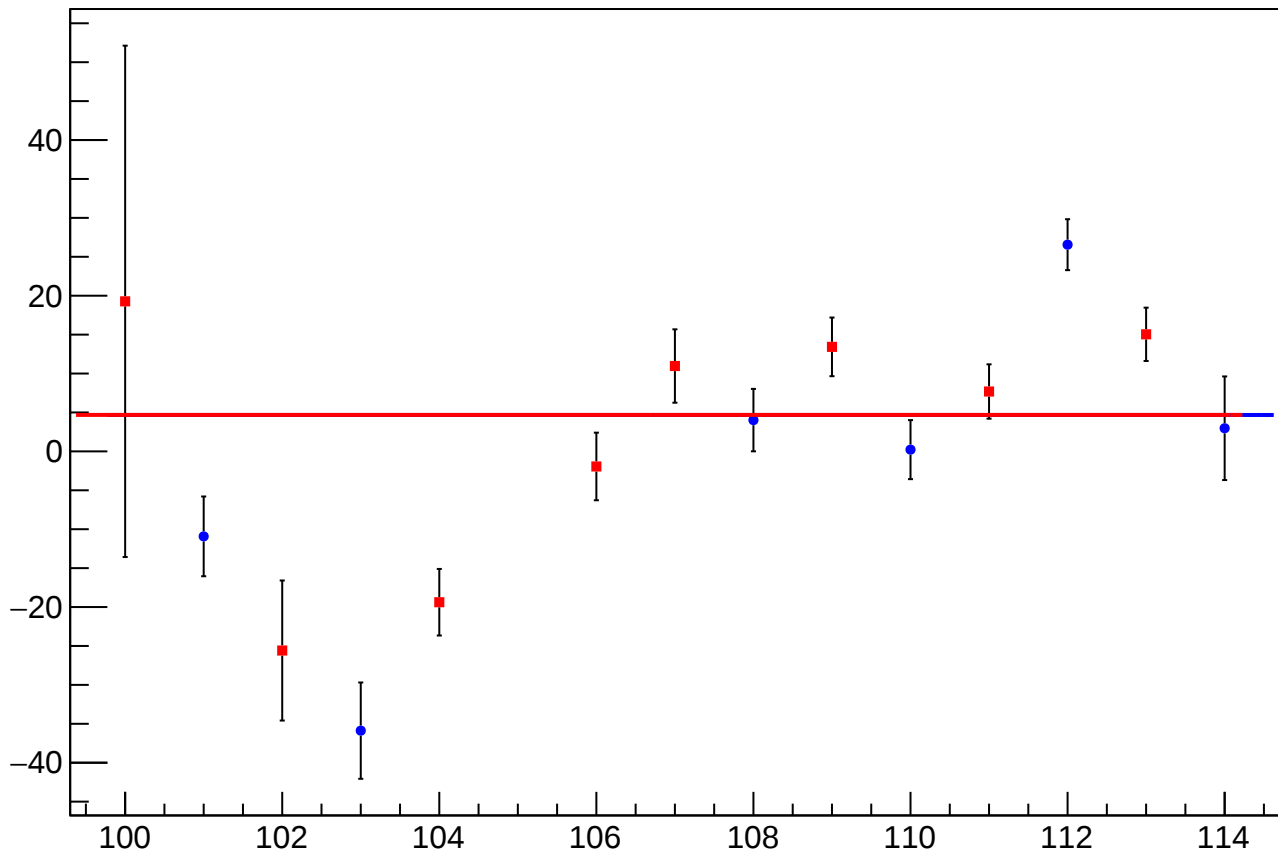
Right: -14.648 $\pm$ 1.532 χ^2 /NDF: 700.9/13

In: -9.037 $\pm$ 2.340 χ^2 /NDF:282.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -14.648 $\pm$ 1.532 χ^2 /NDF: 700.9/13

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.676+/-1.791 χ^2/NDF : 98.4/5

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

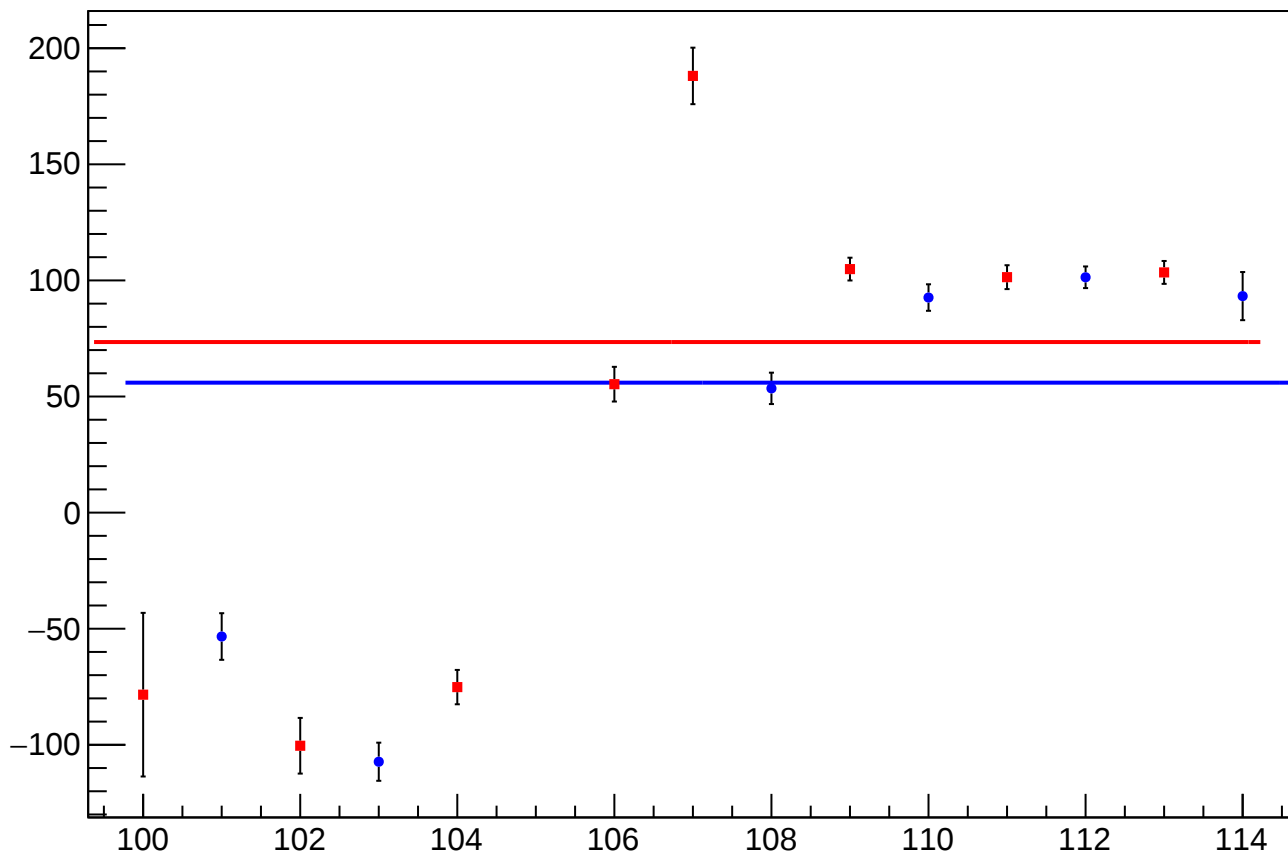
Right: 4.681+/-1.182 χ^2/NDF : 161.0/13

In: 4.676+/-1.791 χ^2/NDF : 98.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.681+/-1.182 χ^2/NDF : 161.0/13

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 55.966 $\pm$ 2.746 χ^2 /NDF: 663.0/5

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

Right Out: 73.460 $\pm$ 2.416 χ^2 /NDF: 834.7/7

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

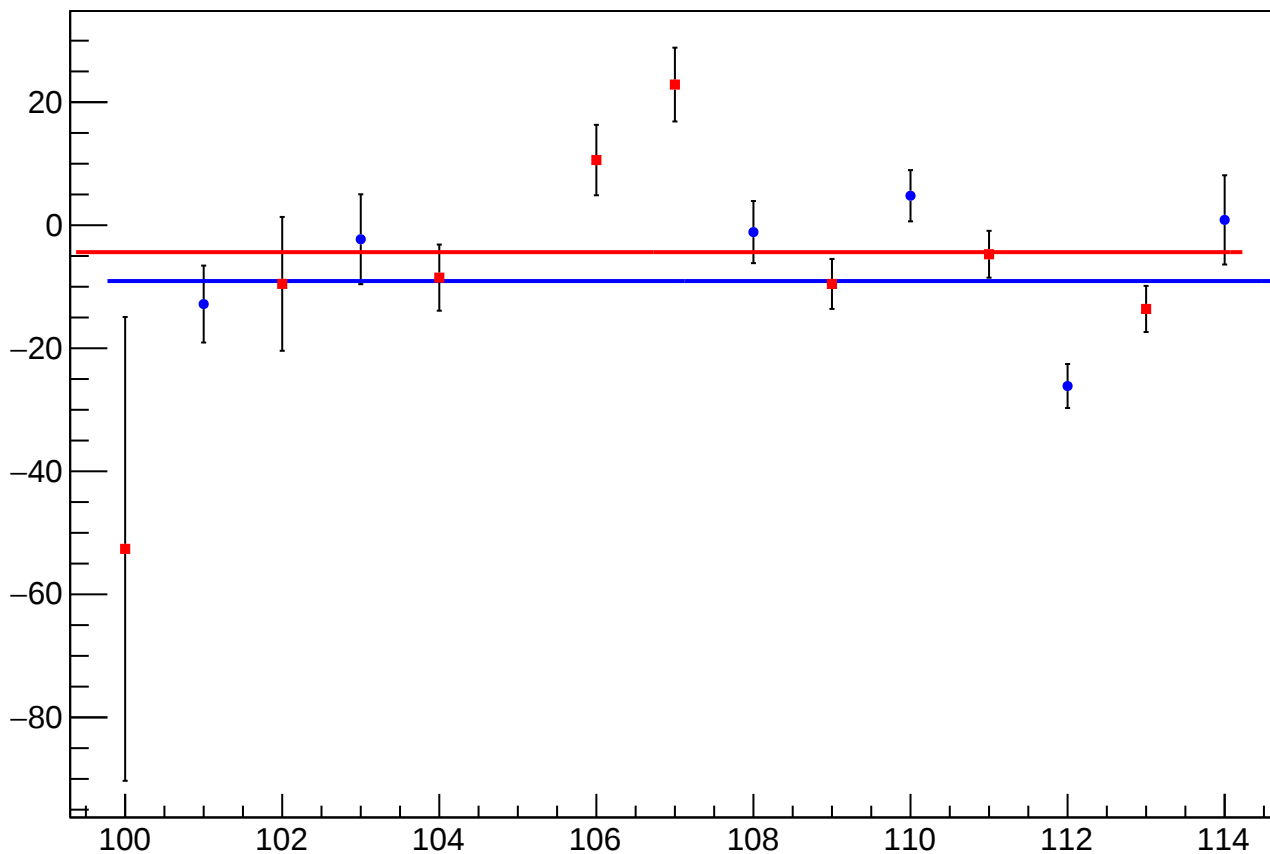
Right: 65.826 $\pm$ 1.814 χ^2 /NDF: 1520.6/13

In: 55.966 $\pm$ 2.746 χ^2 /NDF: 663.0/5

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

All: 65.826 $\pm$ 1.814 χ^2 /NDF: 1520.6/13

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -9.075+/-2.048 χ^2/NDF : 39.4/5

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

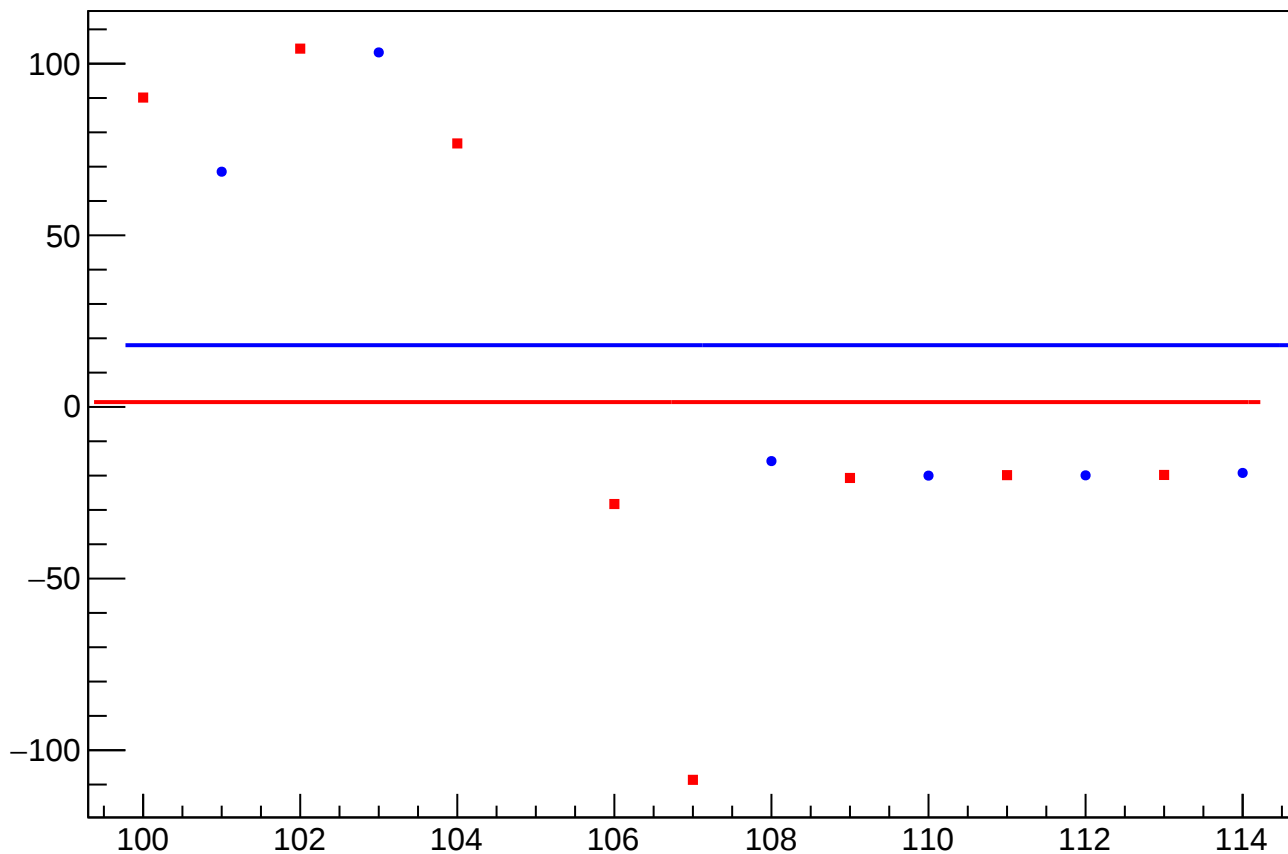
Right: -6.445+/-1.360 χ^2/NDF : 80.0/13

In: -9.075+/-2.048 χ^2/NDF : 39.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.445+/-1.360 χ^2/NDF : 80.0/13

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 17.990+/-0.092 χ^2/NDF : 338259.0/5

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

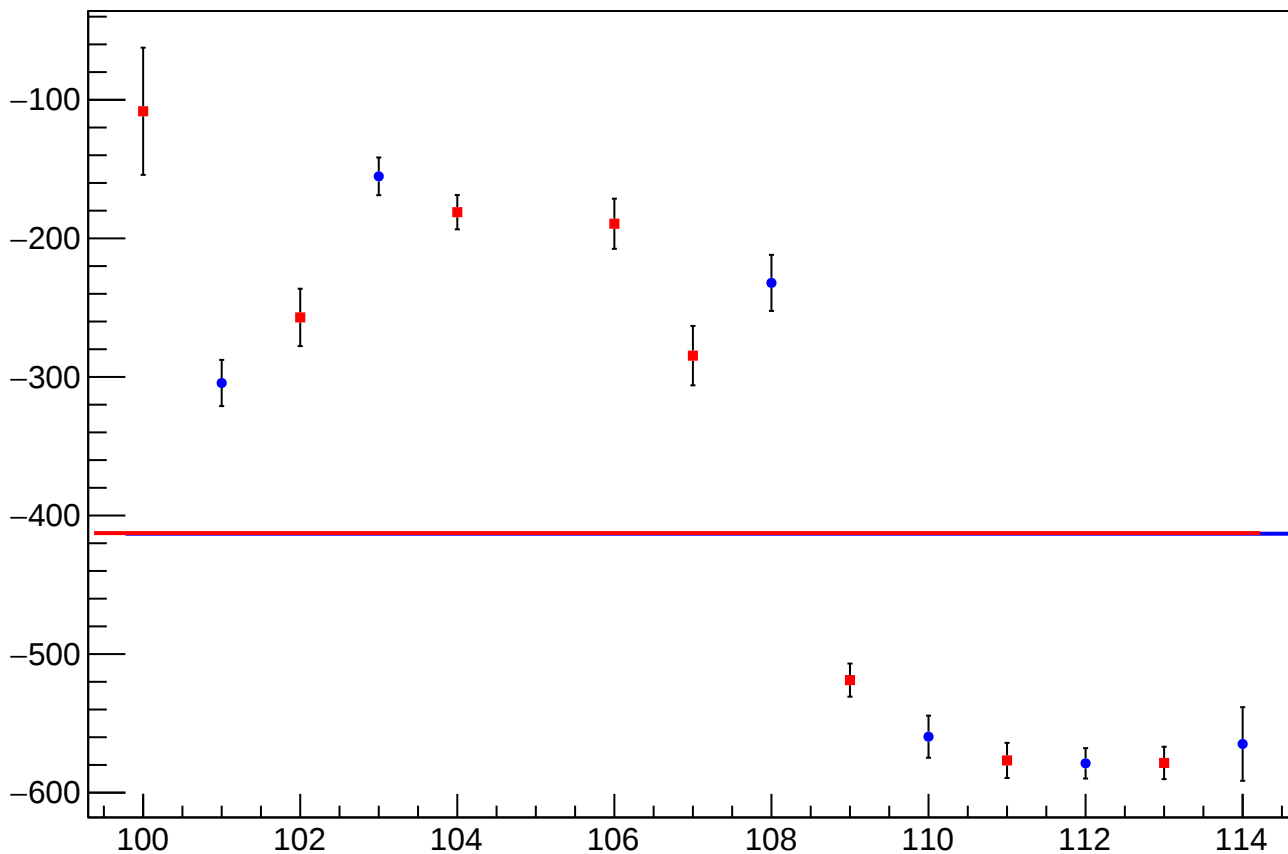
Right: 8.935+/-0.062 χ^2/NDF : 865416.4/13

In: 17.990+/-0.092 χ^2/NDF : 338259.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.935+/-0.062 χ^2/NDF : 865416.4/13

reg_asym_at2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -413.132+/-6.264 χ^2/NDF : 835.2/5

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

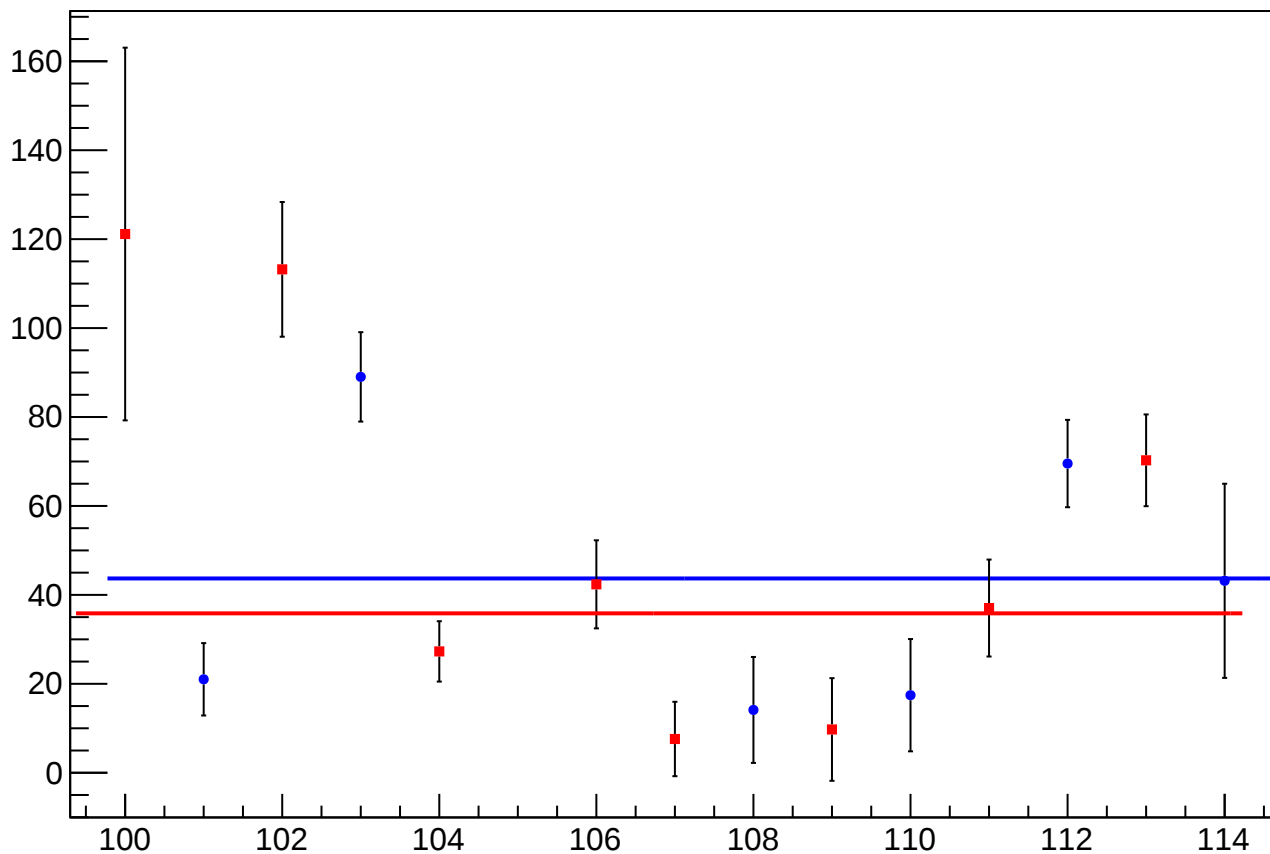
Right: -412.875+/-4.062 χ^2/NDF : 1921.7/13

In: -413.132+/-6.264 χ^2/NDF :835.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -412.875+/-4.062 χ^2/NDF : 1921.7/13

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 43.693 $\pm$ 4.438 χ^2 /NDF: 45.5/5

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

Right Out: 35.848 $\pm$ 3.617 χ^2 /NDF: 59.9/7

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

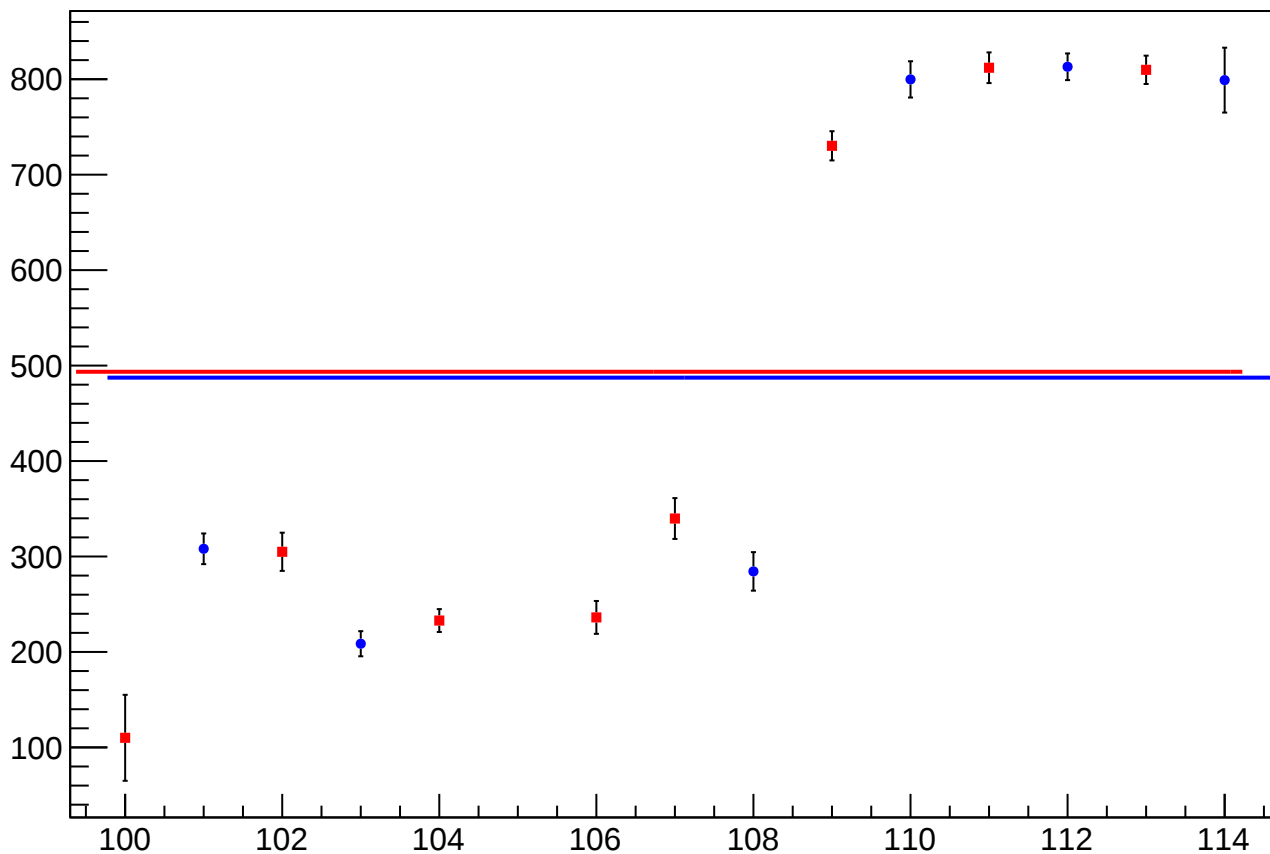
Right: 38.979 $\pm$ 2.804 χ^2 /NDF: 107.3/13

In: 43.693 $\pm$ 4.438 χ^2 /NDF:45.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 38.979 $\pm$ 2.804 χ^2 /NDF: 107.3/13

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 487.376+/-6.925 χ^2/NDF : 1571.5/5

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

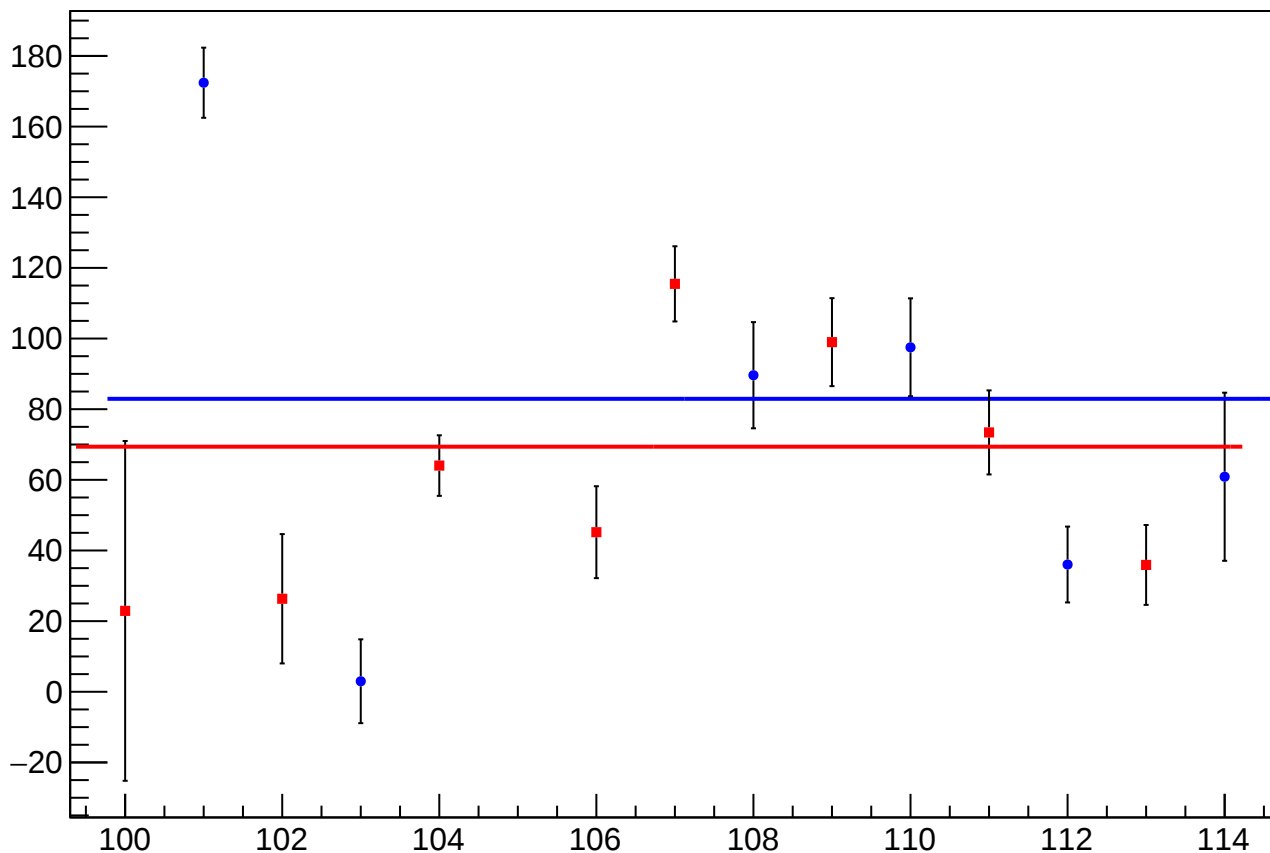
Right: 490.914+/-4.515 χ^2/NDF : 3567.5/13

In: 487.376+/-6.925 χ^2/NDF : 1571.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 490.914+/-4.515 χ^2/NDF : 3567.5/13

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 82.936 $\pm$ 5.177 χ^2 /NDF: 147.9/5

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

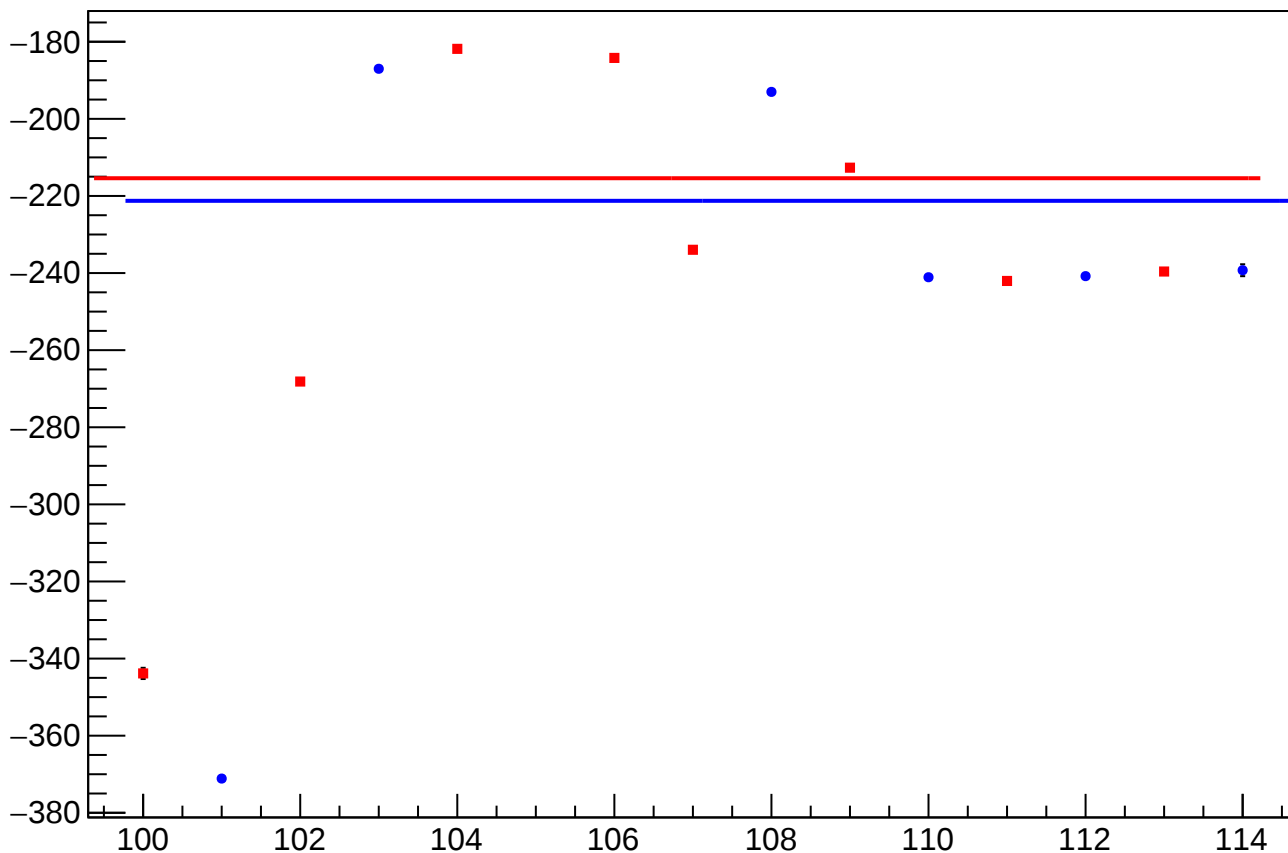
Right: 74.980 $\pm$ 3.326 χ^2 /NDF: 195.5/13

In: 82.936 $\pm$ 5.177 χ^2 /NDF: 147.9/5

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

All: 74.980 $\pm$ 3.326 χ^2 /NDF: 195.5/13

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -221.263+/-0.208 χ^2/NDF : 85797.7/5

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

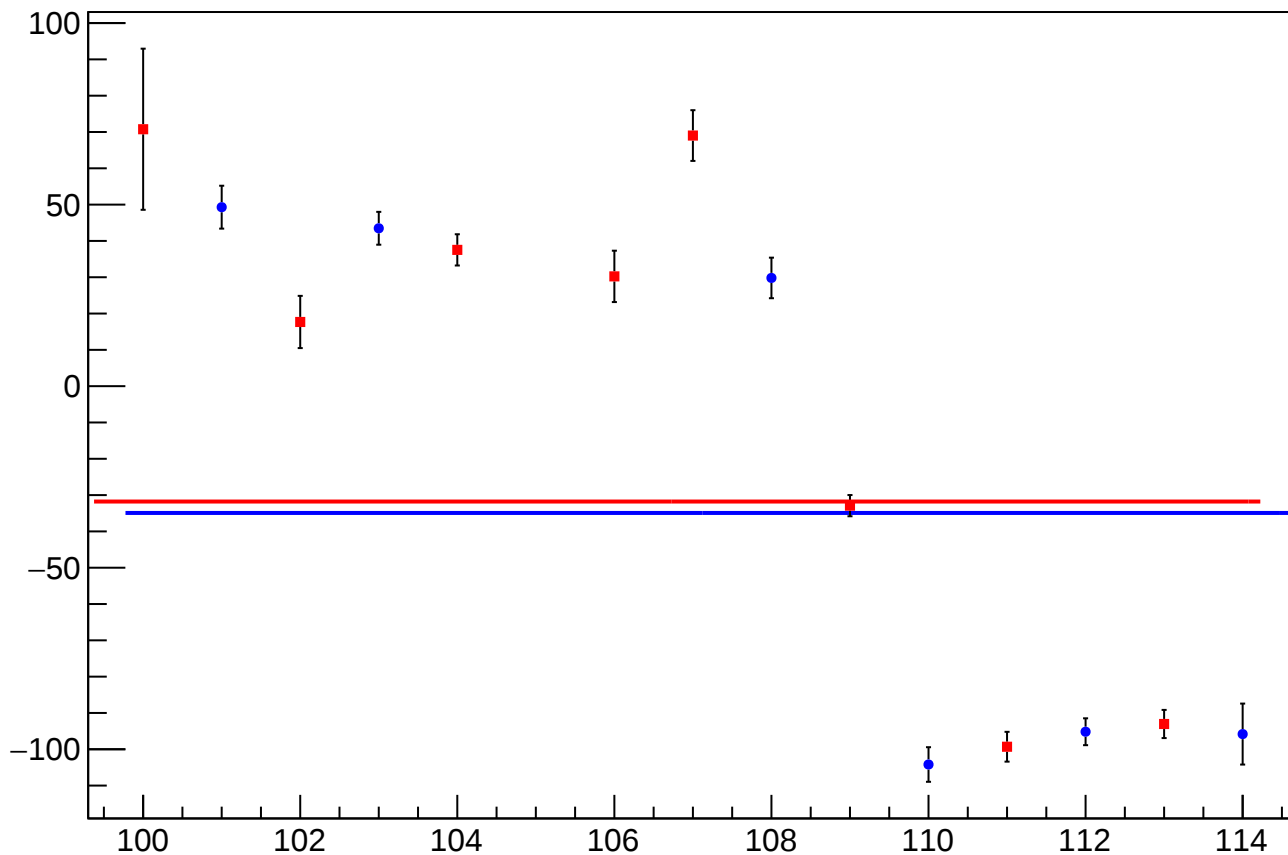
Right: -217.947+/-0.137 χ^2/NDF : 126526.9/13

In: -221.263+/-0.208 χ^2/NDF :85797.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -217.947+/-0.137 χ^2/NDF : 126526.9/13

reg_asym_at2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -34.916+/-2.037 χ^2/NDF : 1167.3/5

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

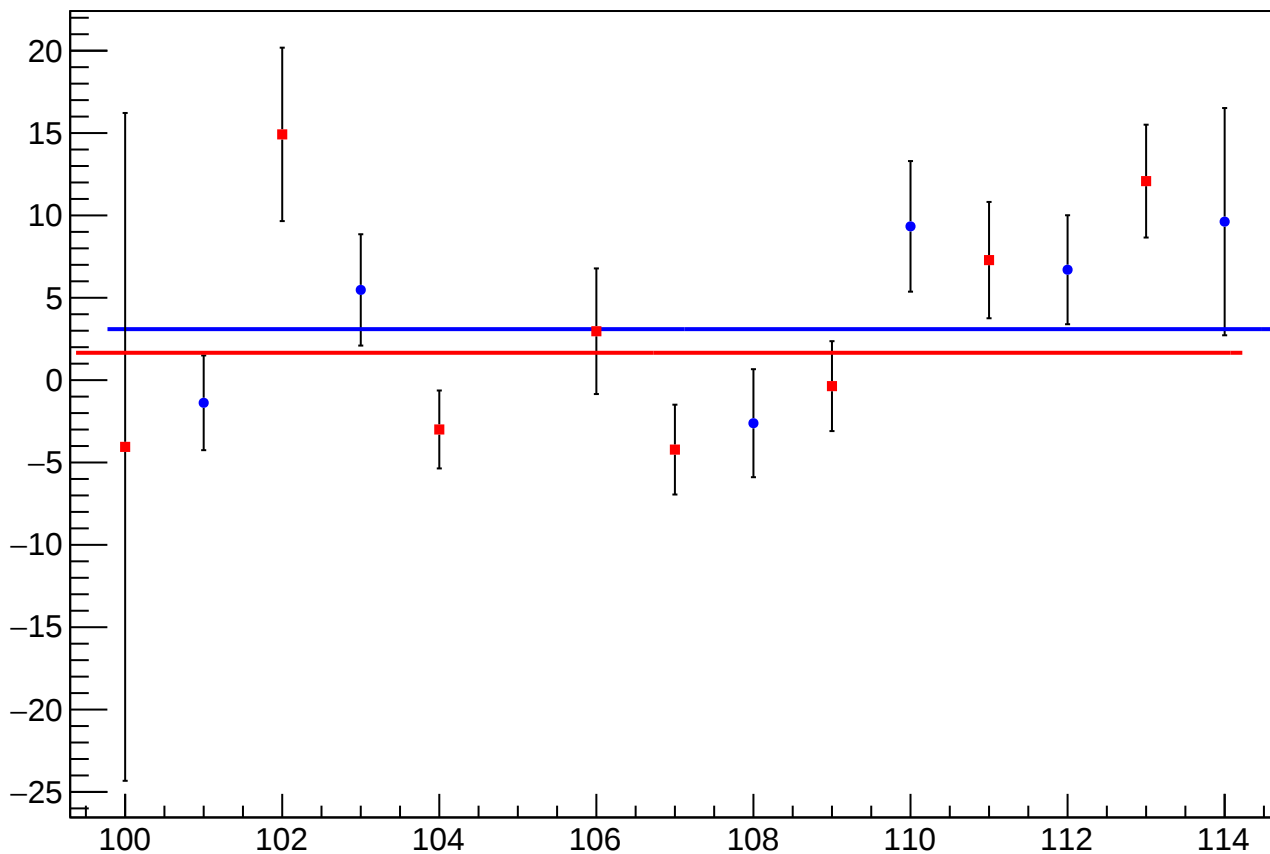
Right: -33.036+/-1.291 χ^2/NDF : 2302.3/13

In: -34.916+/-2.037 χ^2/NDF : 1167.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.036+/-1.291 χ^2/NDF : 2302.3/13

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.096+/-1.447 χ^2/NDF : 10.5/5

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

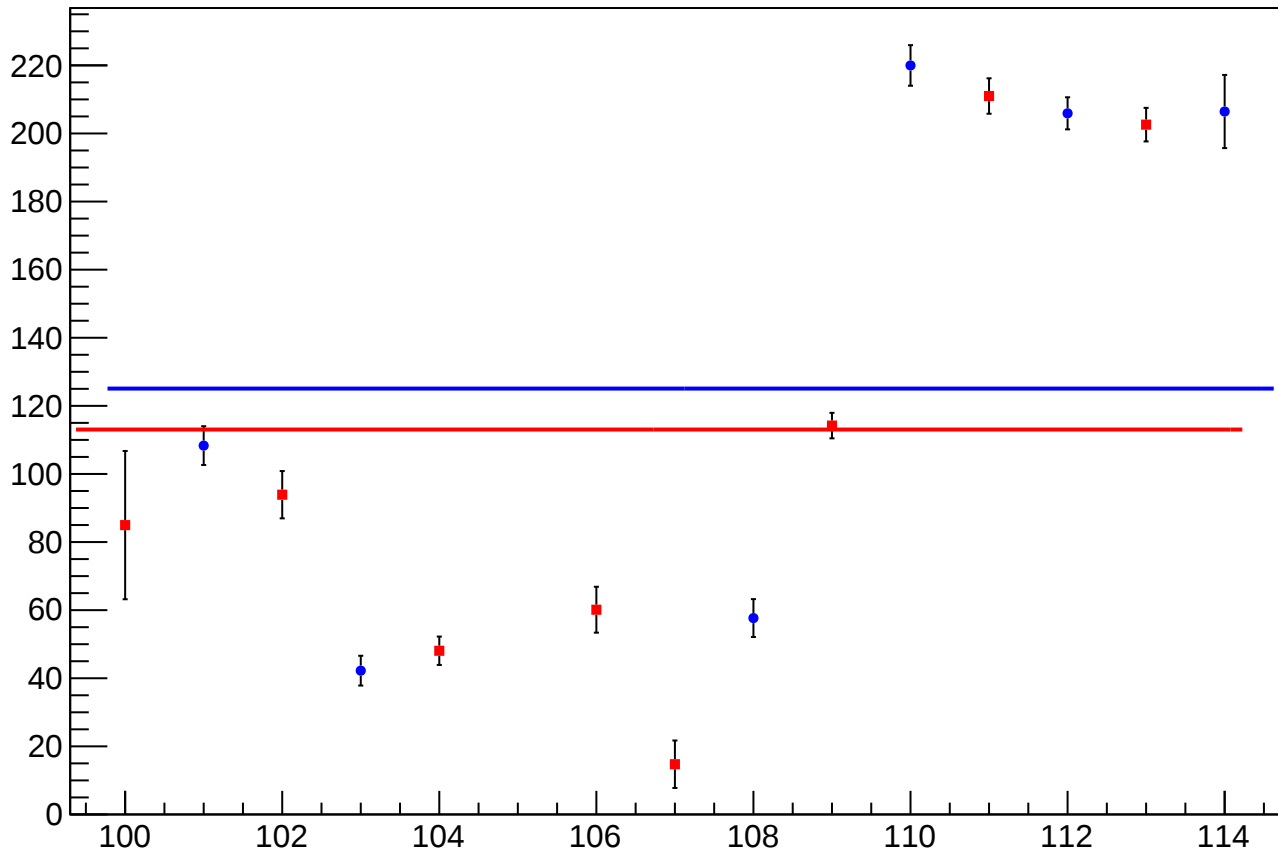
Right: 2.233+/-0.914 χ^2/NDF : 38.5/13

In: 3.096+/-1.447 χ^2/NDF : 10.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.233+/-0.914 χ^2/NDF : 38.5/13

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 125.076+/-2.252 χ^2/NDF : 1119.1/5

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

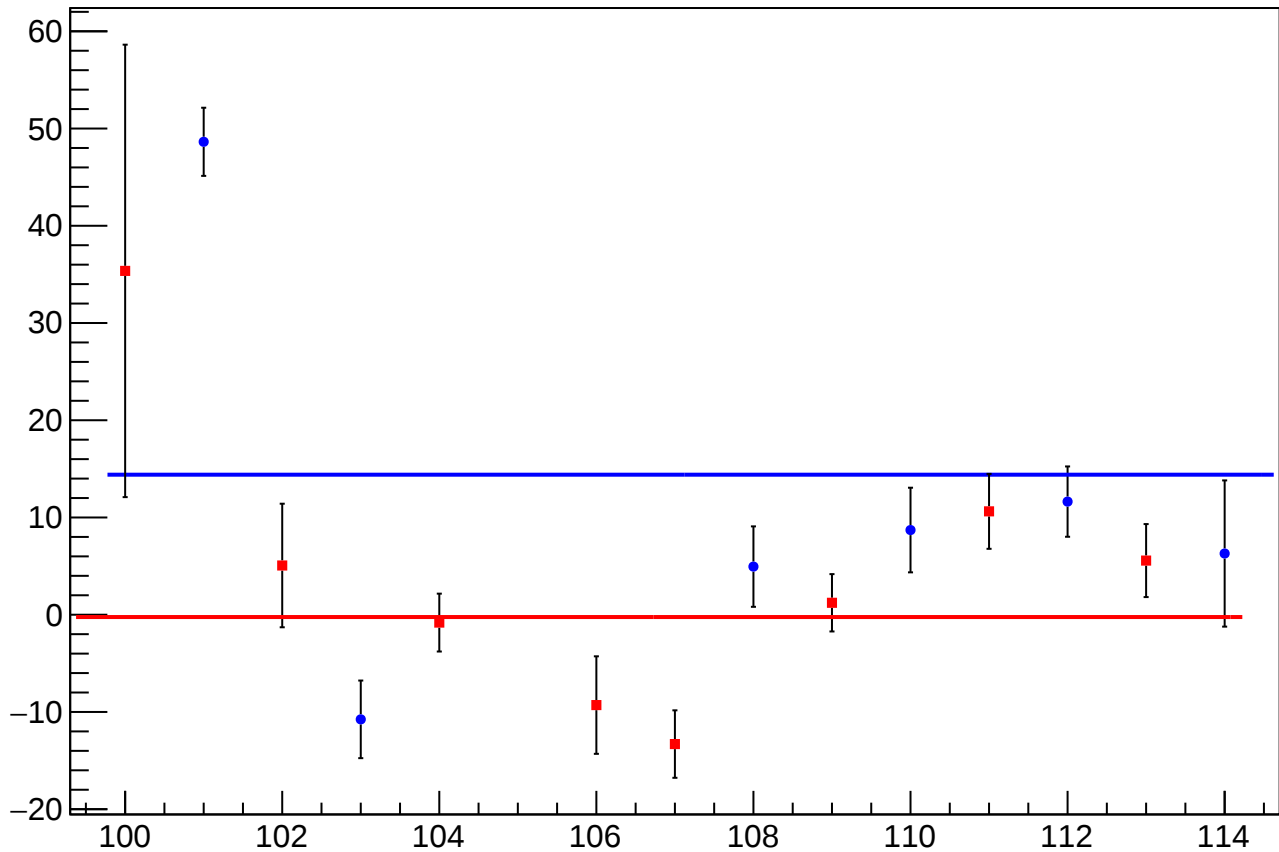
Right: 118.097+/-1.459 χ^2/NDF : 2332.9/13

In: 125.076+/-2.252 χ^2/NDF : 1119.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.097+/-1.459 χ^2/NDF : 2332.9/13

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 14.401 $\pm$ 1.691 χ^2 /NDF: 143.9/5

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

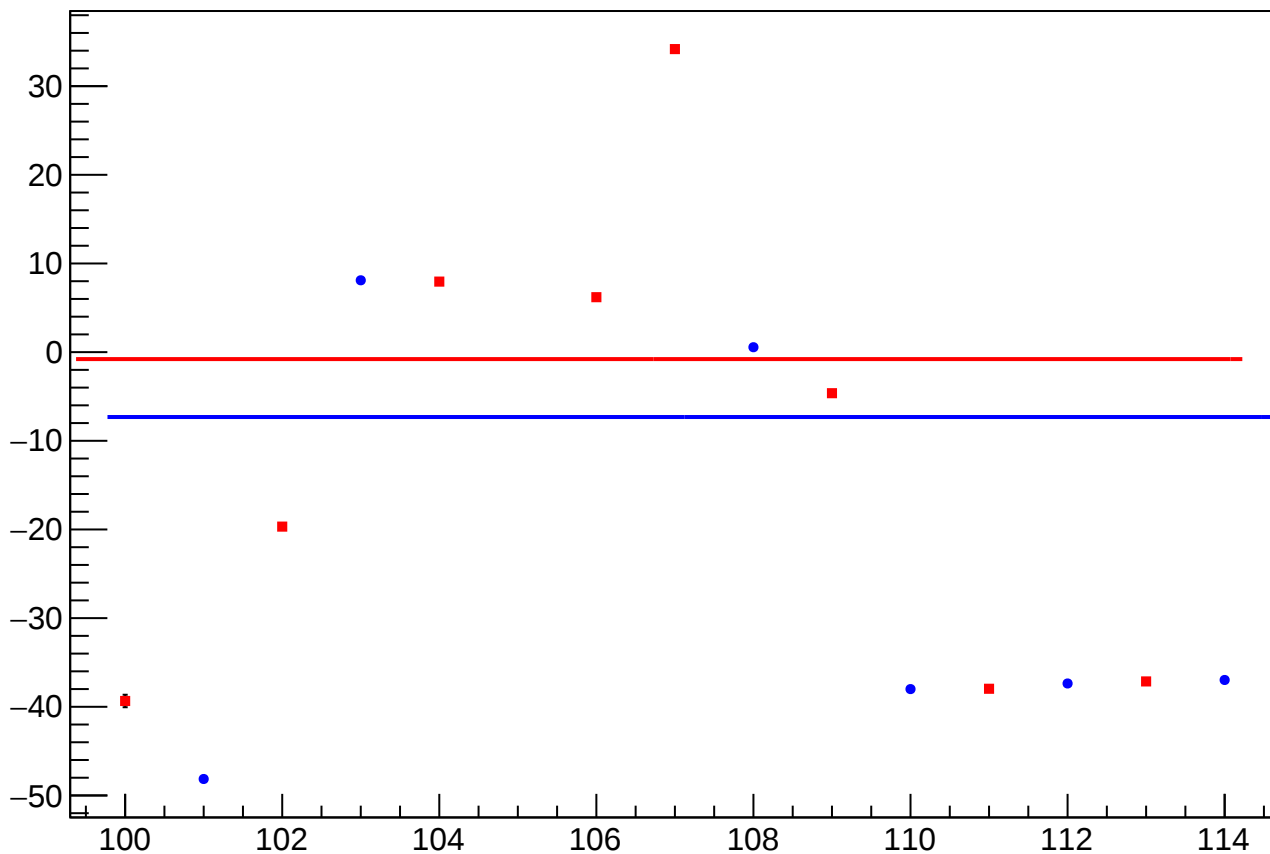
Right: 5.676 $\pm$ 1.075 χ^2 /NDF: 219.6/13

In: 14.401 $\pm$ 1.691 χ^2 /NDF:143.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5.676 $\pm$ 1.075 χ^2 /NDF: 219.6/13

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -7.317+/-0.066 χ^2/NDF : 101881.8/5

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

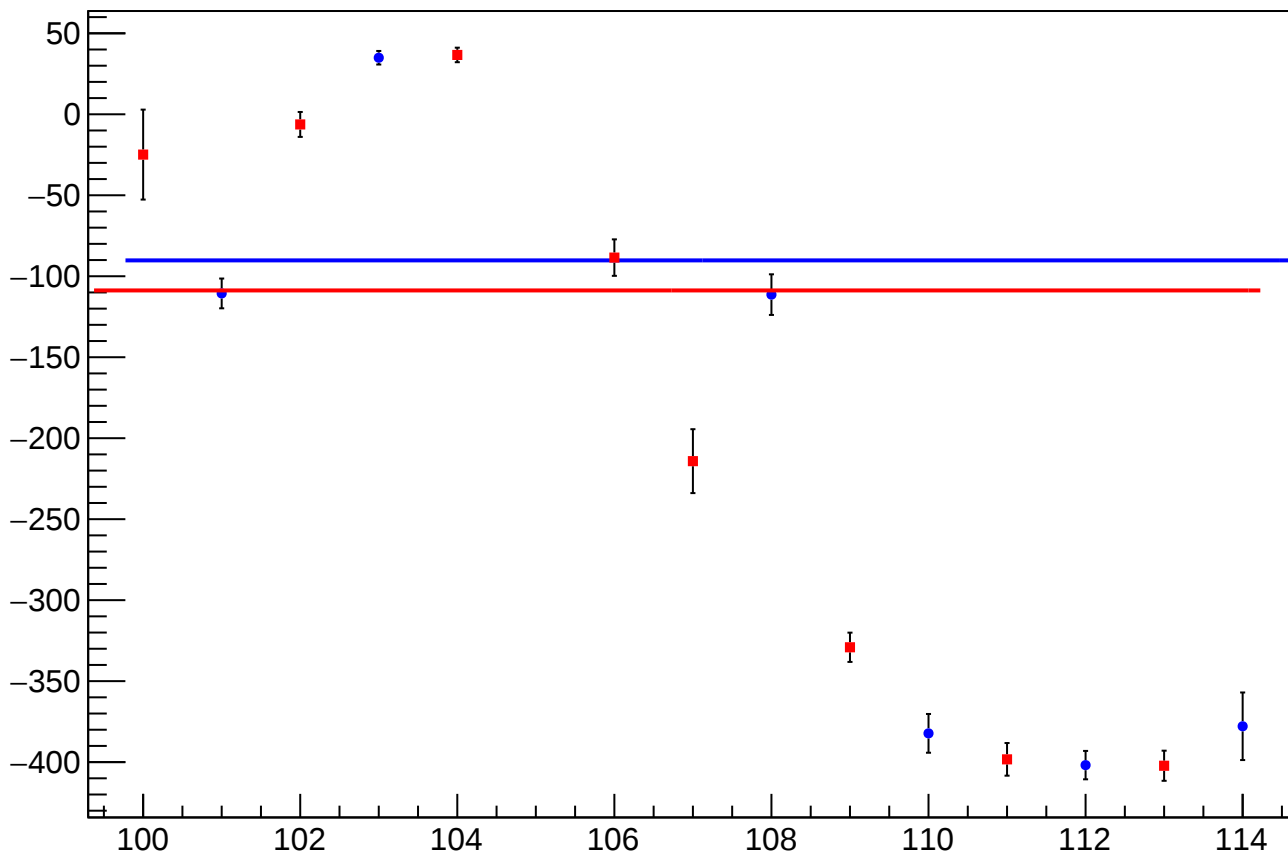
Right: -3.756+/-0.045 χ^2/NDF : 230243.8/13

In: -7.317+/-0.066 χ^2/NDF : 101881.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.756+/-0.045 χ^2/NDF : 230243.8/13

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -90.209 ± 3.203 χ^2/NDF : 2949.7/5

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

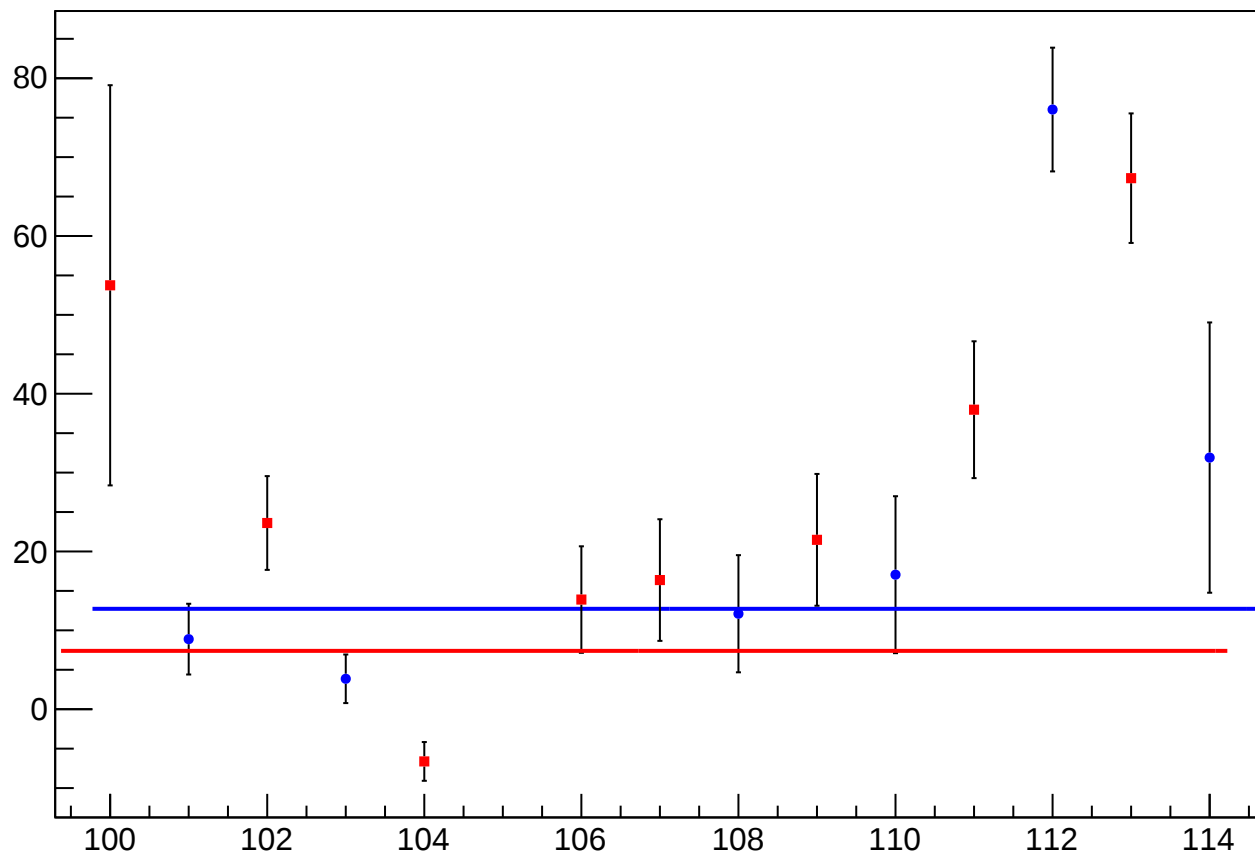
Right: -100.123 ± 2.185 χ^2/NDF : 6650.0/13

In: -90.209 ± 3.203 χ^2/NDF : 2949.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -100.123 ± 2.185 χ^2/NDF : 6650.0/13

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.729+/-2.220 χ^2/NDF : 75.6/5

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

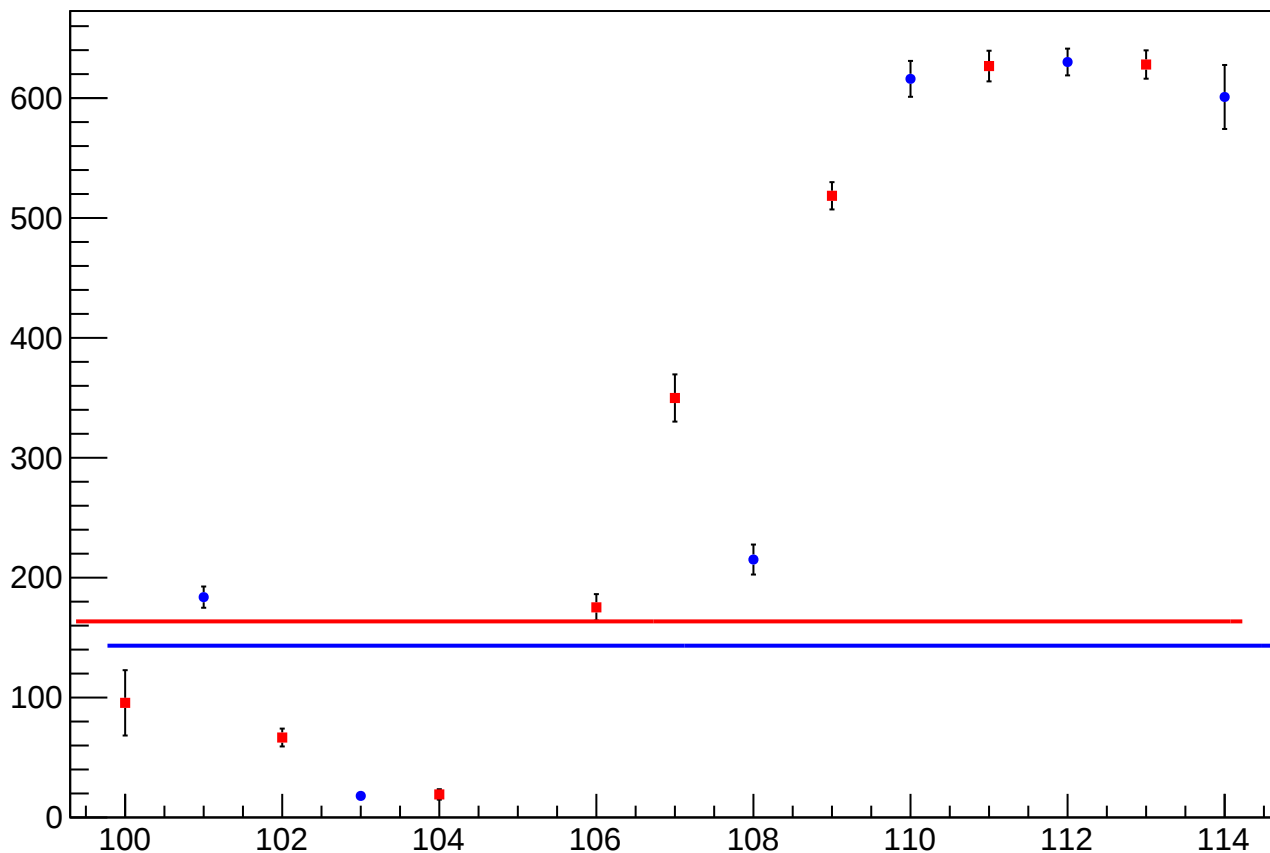
Right: 9.653+/-1.444 χ^2/NDF : 193.0/13

In: 12.729+/-2.220 χ^2/NDF : 75.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.653+/-1.444 χ^2/NDF : 193.0/13

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 143.268+/-3.262 χ^2/NDF : 4203.9/5

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

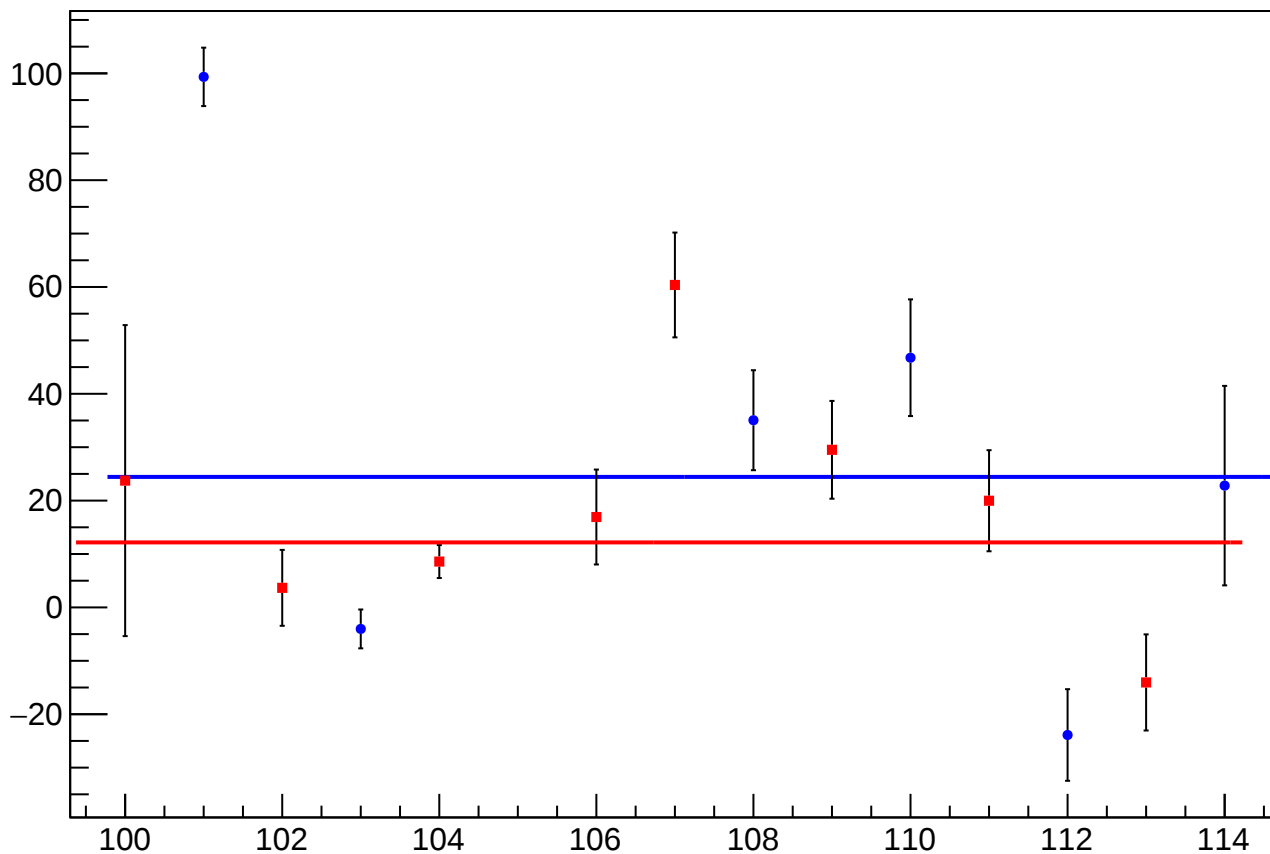
Right: 153.915+/-2.247 χ^2/NDF : 9422.0/13

In: 143.268+/-3.262 χ^2/NDF :4203.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 153.915+/-2.247 χ^2/NDF : 9422.0/13

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 24.437 $\pm$ 2.624 χ^2 /NDF: 286.0/5

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

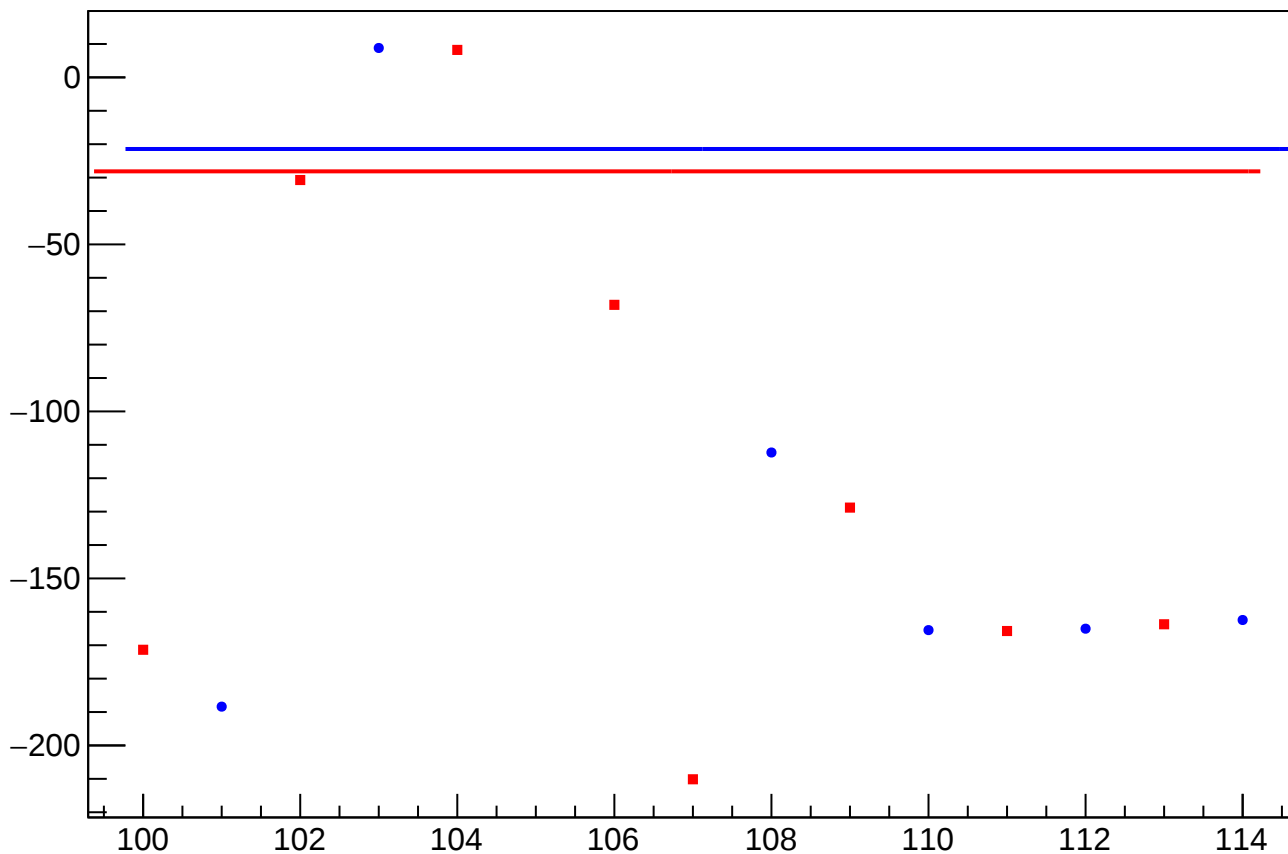
Right: 17.575 $\pm$ 1.742 χ^2 /NDF: 338.3/13

In: 24.437 $\pm$ 2.624 χ^2 /NDF:286.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 17.575 $\pm$ 1.742 χ^2 /NDF: 338.3/13

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.436+/-0.082 χ^2/NDF : 616532.0/5

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

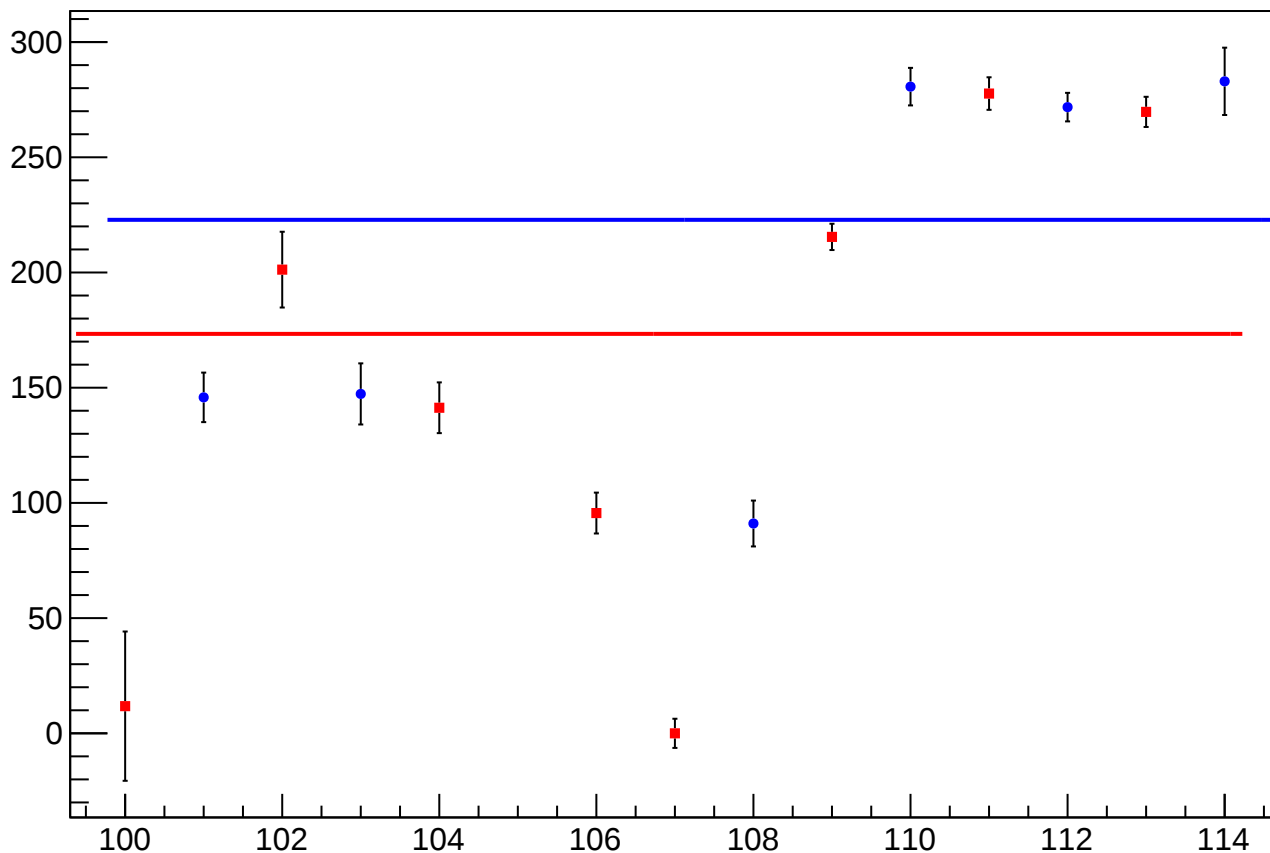
Right: -24.759+/-0.058 χ^2/NDF : 1108620.4/13

In: -21.436+/-0.082 χ^2/NDF : 616532.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.759+/-0.058 χ^2/NDF : 1108620.4/13

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 222.857+/-3.773 χ^2 /NDF: 388.8/5

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

Right Out: 173.358+/-2.832 χ^2 /NDF: 1352.6/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

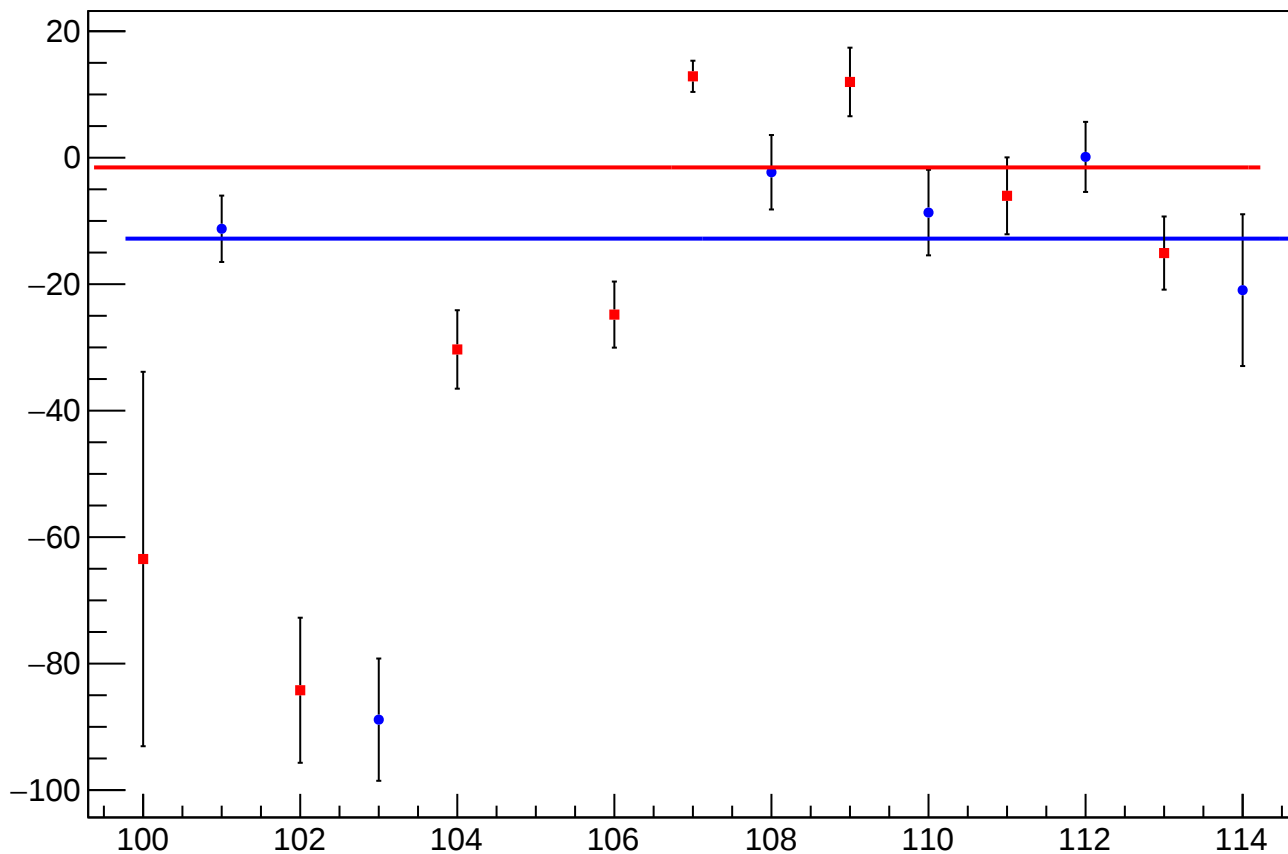
Right: 191.193+/-2.265 χ^2 /NDF: 1851.5/13

In: 222.857+/-3.773 χ^2 /NDF:388.8/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 191.193+/-2.265 χ^2 /NDF: 1851.5/13

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.797 $\pm$ 2.699 χ^2 /NDF: 71.4/5

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

Right Out: -1.536 $\pm$ 1.750 χ^2 /NDF: 144.0/7

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

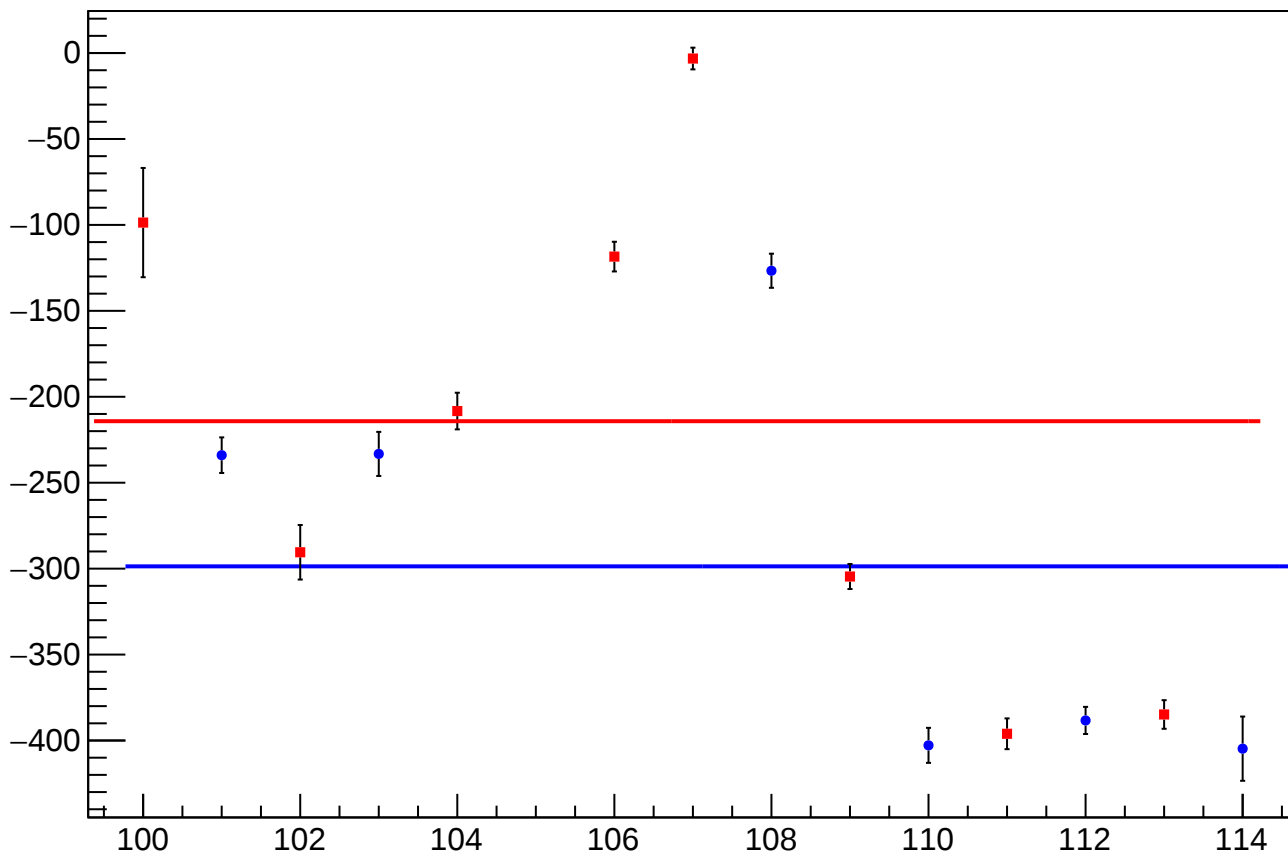
Right: -4.868 $\pm$ 1.468 χ^2 /NDF: 227.7/13

In: -12.797 $\pm$ 2.699 χ^2 /NDF: 71.4/5

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

All: -4.868 $\pm$ 1.468 χ^2 /NDF: 227.7/13

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -298.668+/-4.299 χ^2/NDF : 631.1/5

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

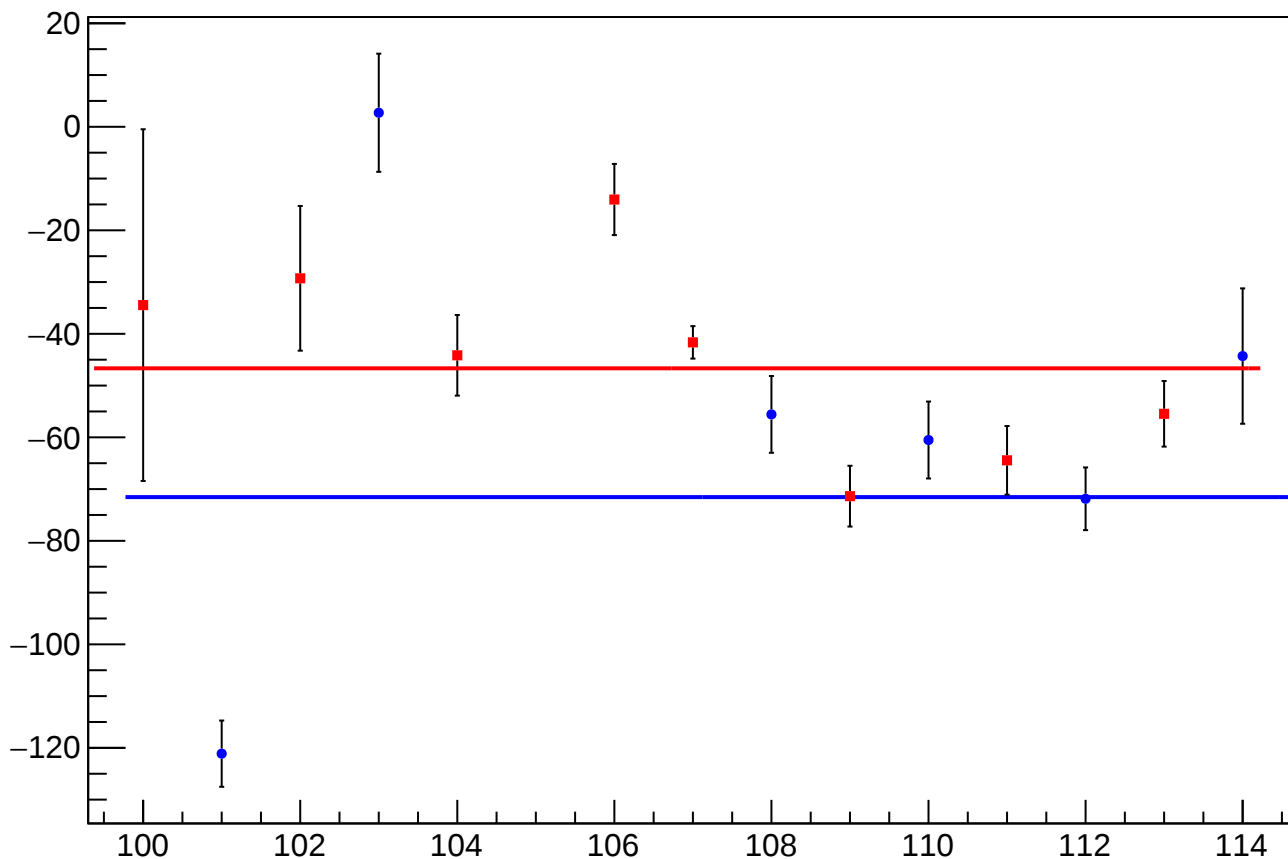
Right: -244.252+/-2.564 χ^2/NDF : 3142.4/13

In: -298.668+/-4.299 χ^2/NDF : 631.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -244.252+/-2.564 χ^2/NDF : 3142.4/13

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -71.548 ± 3.139 χ^2/NDF : 113.5/5

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

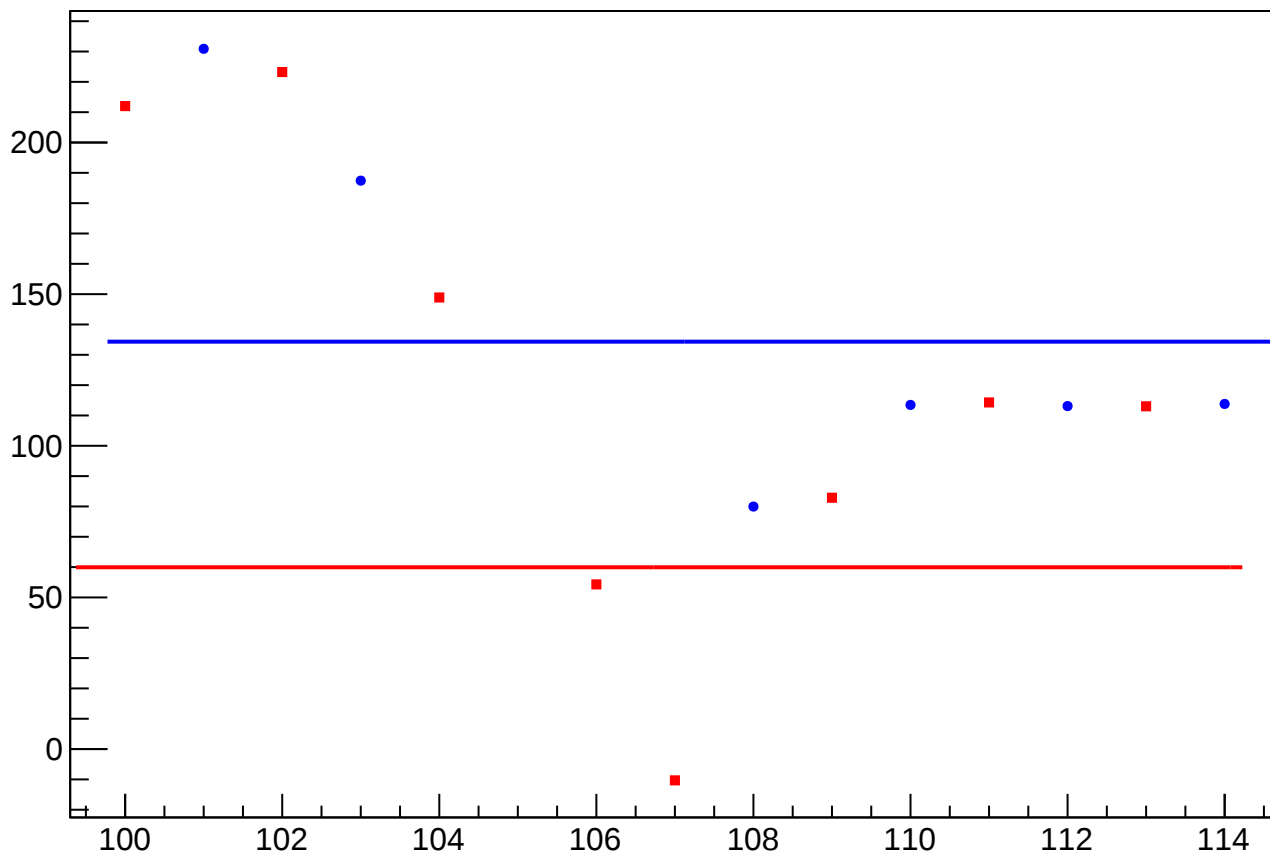
Right: -54.477 ± 1.759 χ^2/NDF : 210.3/13

In: -71.548 ± 3.139 χ^2/NDF : 113.5/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -54.477 ± 1.759 χ^2/NDF : 210.3/13

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 134.333+/-0.139 χ^2/NDF : 165031.7/5

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

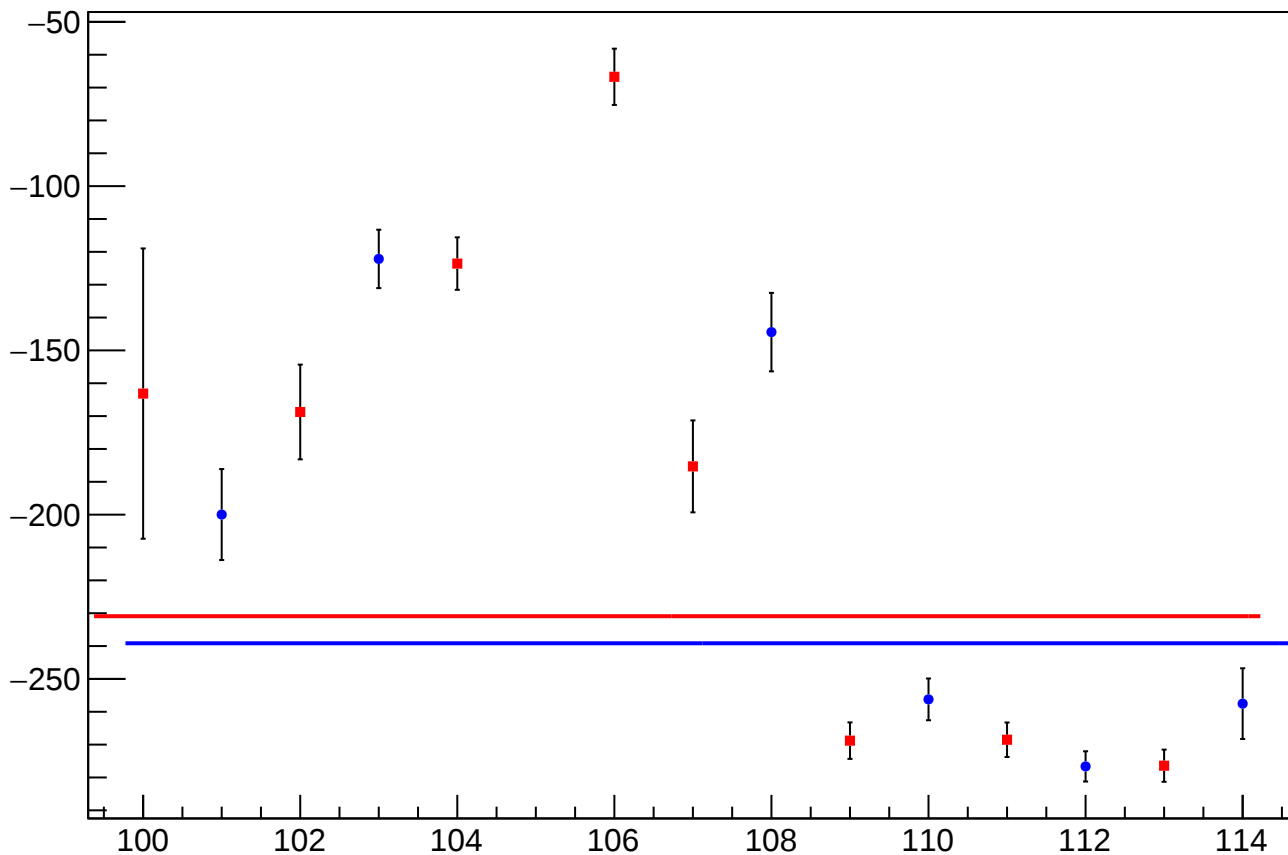
Right: 83.586+/-0.078 χ^2/NDF : 957303.1/13

In: 134.333+/-0.139 χ^2/NDF : 165031.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.586+/-0.078 χ^2/NDF : 957303.1/13

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -239.153+/-3.080 χ^2/NDF : 320.5/5

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

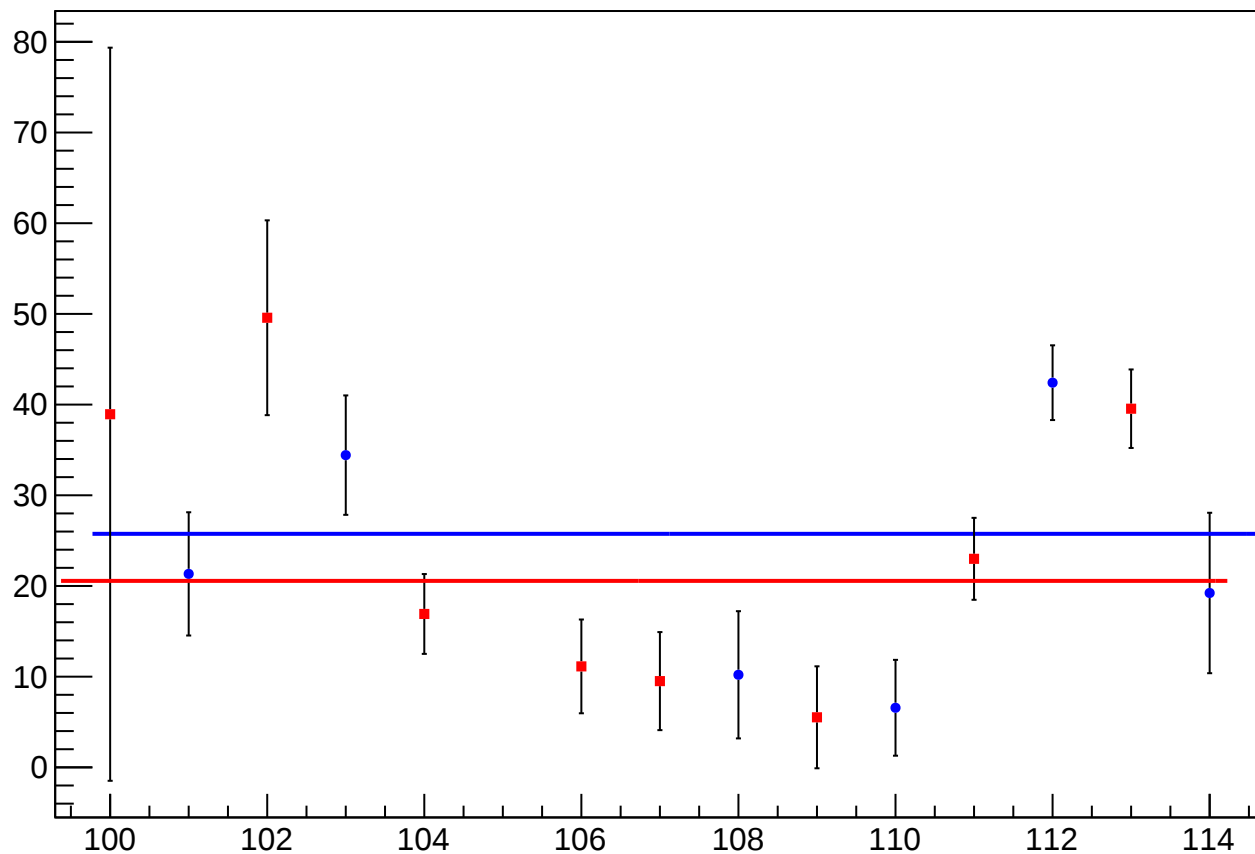
Right: -234.310+/-1.978 χ^2/NDF : 1088.8/13

In: -239.153+/-3.080 χ^2/NDF : 320.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -234.310+/-1.978 χ^2/NDF : 1088.8/13

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 25.750+/-2.407 χ^2/NDF : 37.1/5

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

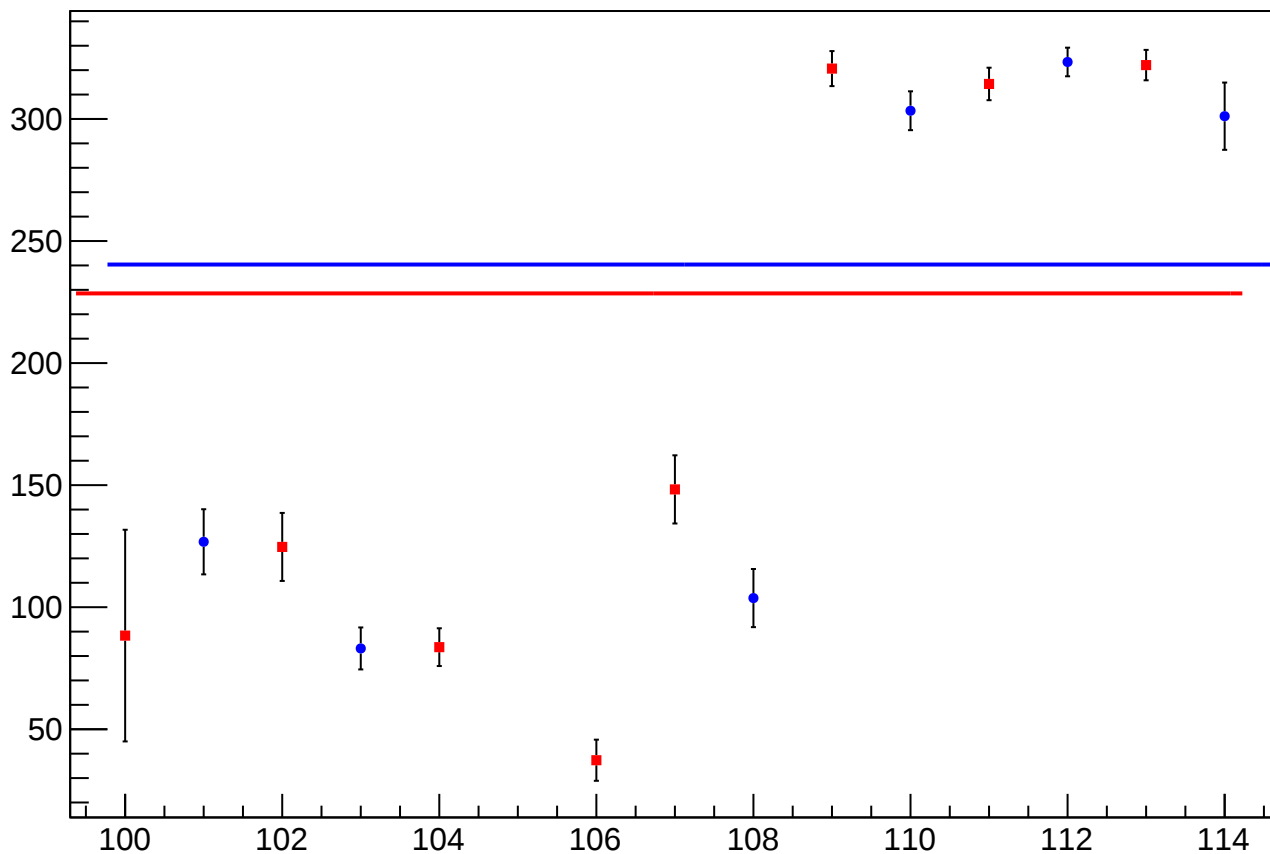
Right: 22.600+/-1.509 χ^2/NDF : 82.3/13

In: 25.750+/-2.407 χ^2/NDF : 37.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.600+/-1.509 χ^2/NDF : 82.3/13

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 240.370+/-3.619 χ^2/NDF : 821.1/5

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

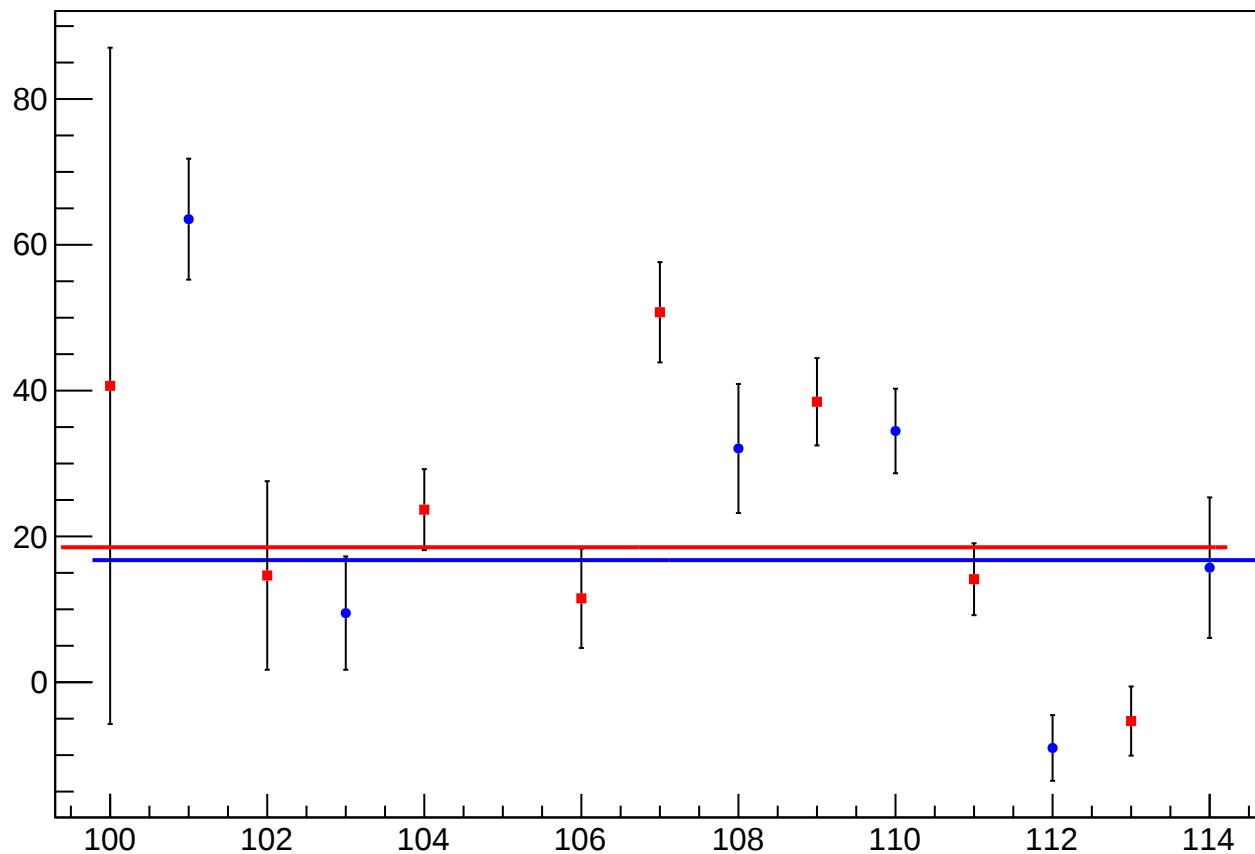
Right: 233.403+/-2.320 χ^2/NDF : 2349.3/13

In: 240.370+/-3.619 χ^2/NDF : 821.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.403+/-2.320 χ^2/NDF : 2349.3/13

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.748 $\pm$ 2.735 χ^2 /NDF: 77.7/5

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

Right Out: 18.515 $\pm$ 2.264 χ^2 /NDF: 61.4/7

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

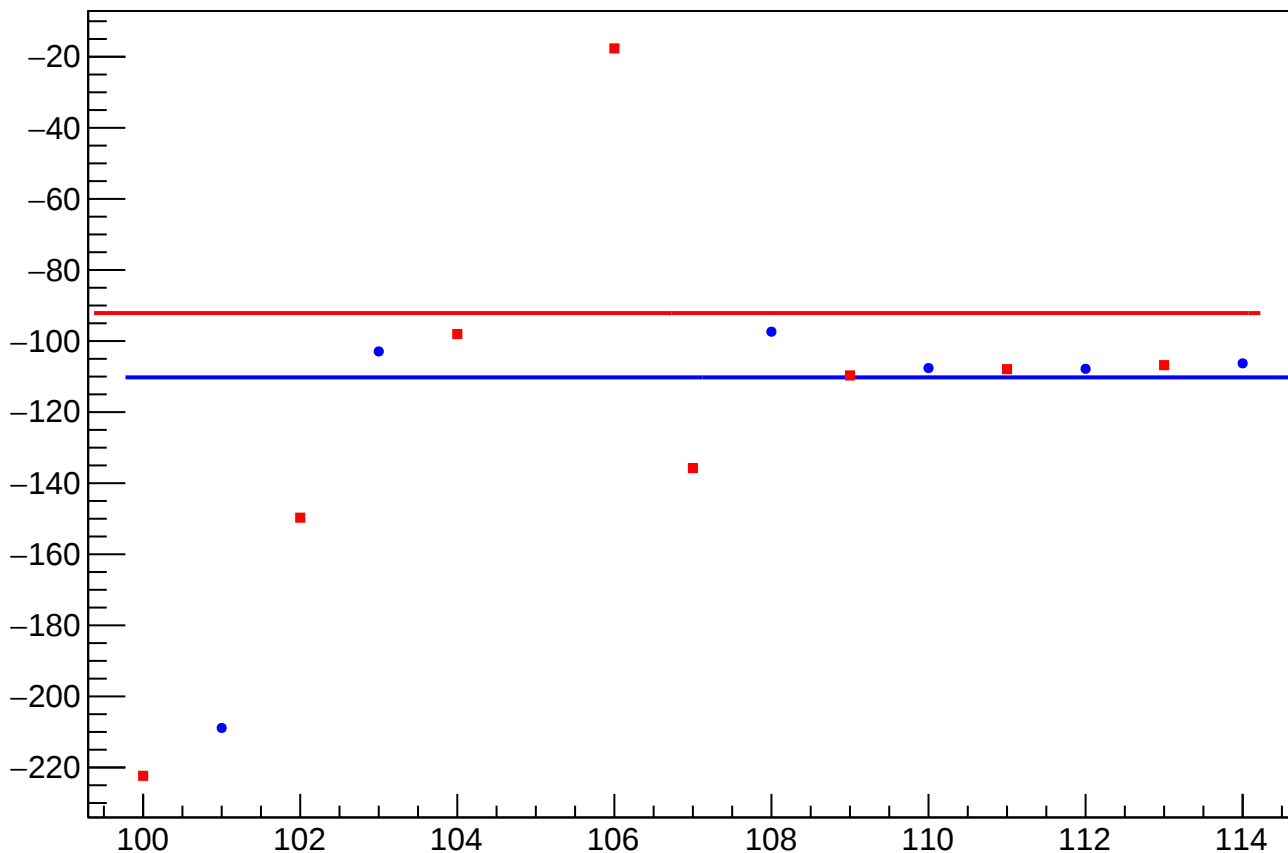
Right: 17.796 $\pm$ 1.744 χ^2 /NDF: 139.3/13

In: 16.748 $\pm$ 2.735 χ^2 /NDF: 77.7/5

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

All: 17.796 $\pm$ 1.744 χ^2 /NDF: 139.3/13

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -110.220+/-0.122 χ^2/NDF : 46069.7/5

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

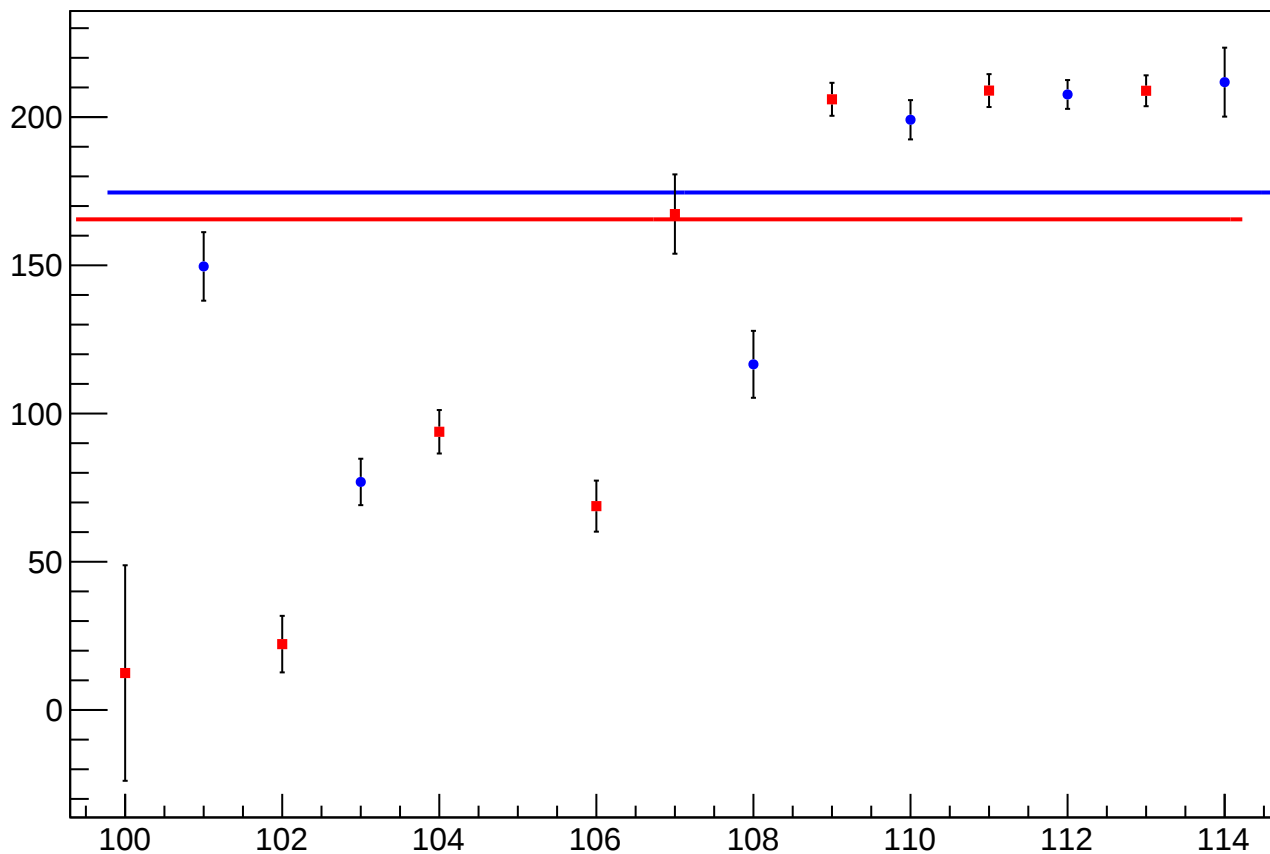
Right: -99.333+/-0.077 χ^2/NDF : 255547.4/13

In: -110.220+/-0.122 χ^2/NDF : 46069.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -99.333+/-0.077 χ^2/NDF : 255547.4/13

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 174.568 $\pm$ 3.098 χ^2 /NDF: 256.9/5

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

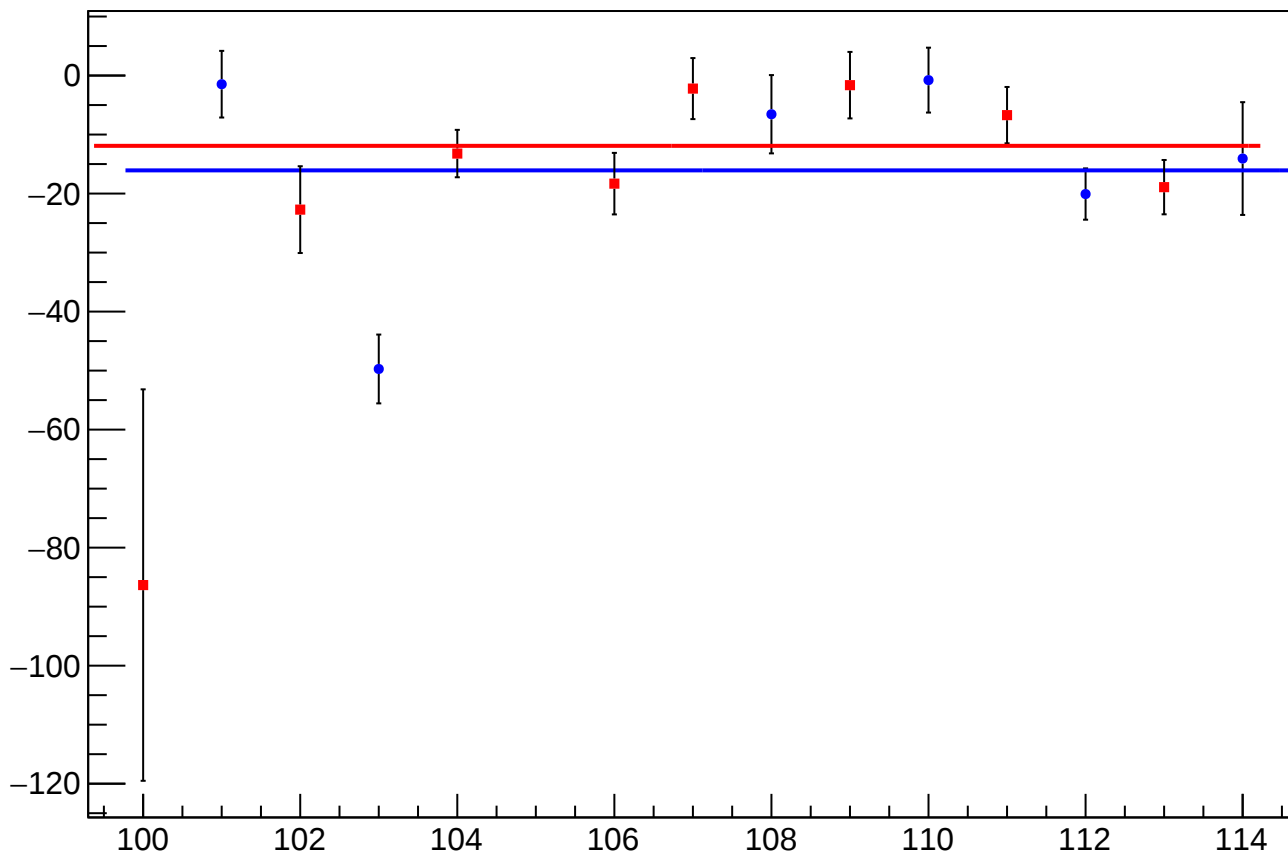
Right: 169.207 $\pm$ 1.979 χ^2 /NDF: 910.7/13

In: 174.568 $\pm$ 3.098 χ^2 /NDF:256.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 169.207 $\pm$ 1.979 χ^2 /NDF: 910.7/13

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -16.071+/-2.354 χ^2/NDF : 50.7/5

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

Right Out: -11.912+/-1.896 χ^2/NDF : 19.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

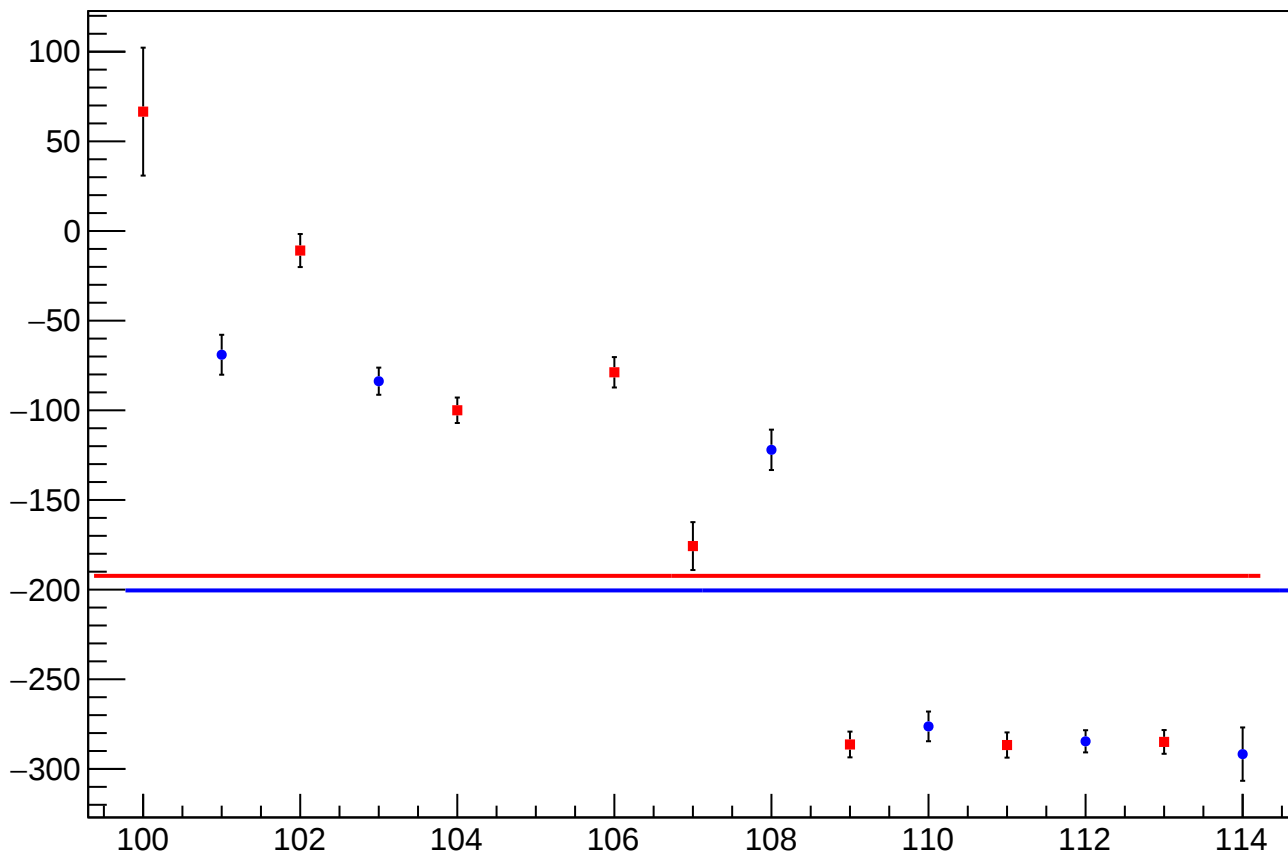
Right: -13.548+/-1.477 χ^2/NDF : 71.7/13

In: -16.071+/-2.354 χ^2/NDF : 50.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.548+/-1.477 χ^2/NDF : 71.7/13

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -200.448 ± 3.567 χ^2/NDF : 731.7/5

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

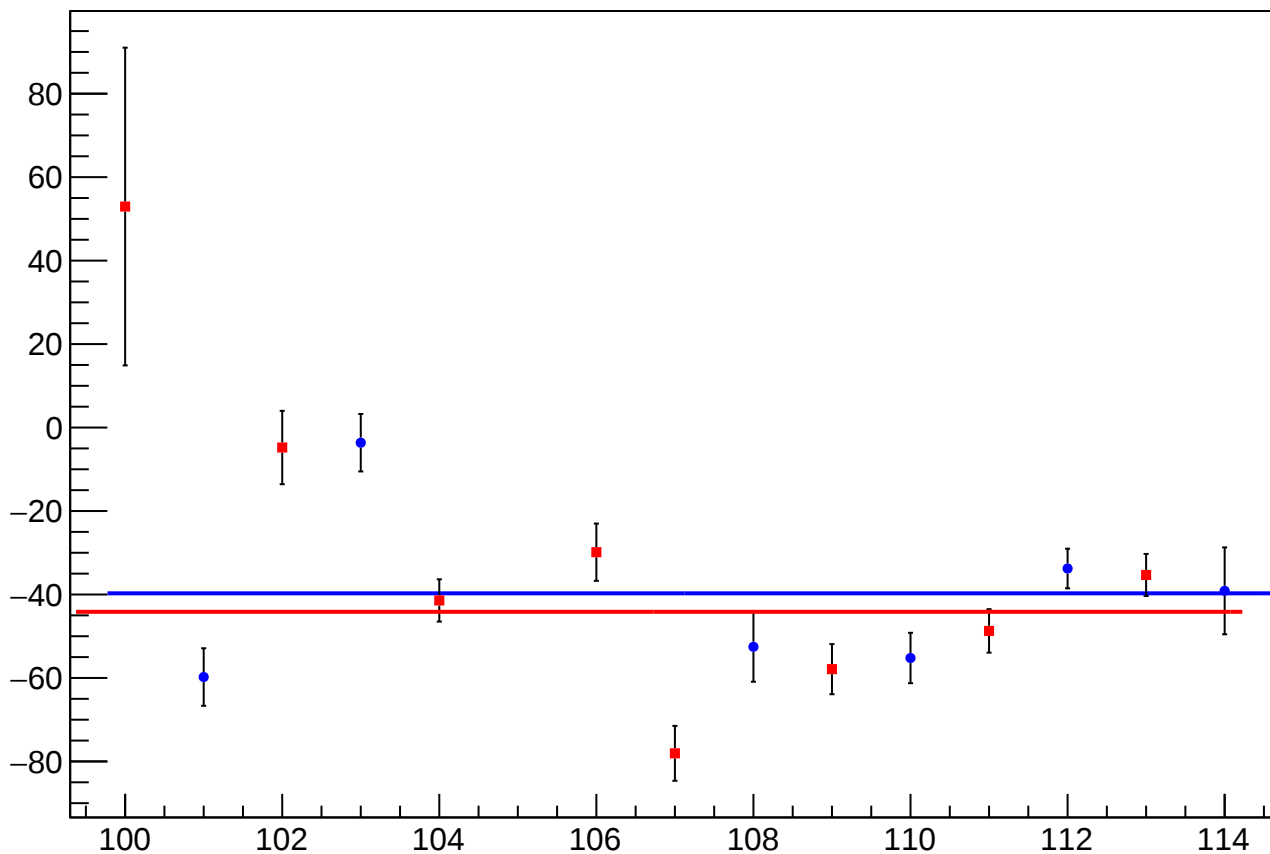
Right: -195.631 ± 2.277 χ^2/NDF : 2072.1/13

In: -200.448 ± 3.567 χ^2/NDF : 731.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -195.631 ± 2.277 χ^2/NDF : 2072.1/13

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -39.720 ± 2.698 $\chi^2/\text{NDF}: 46.4/5$

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

Right Out: -44.147 ± 2.232 $\chi^2/\text{NDF}: 66.8/7$

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

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

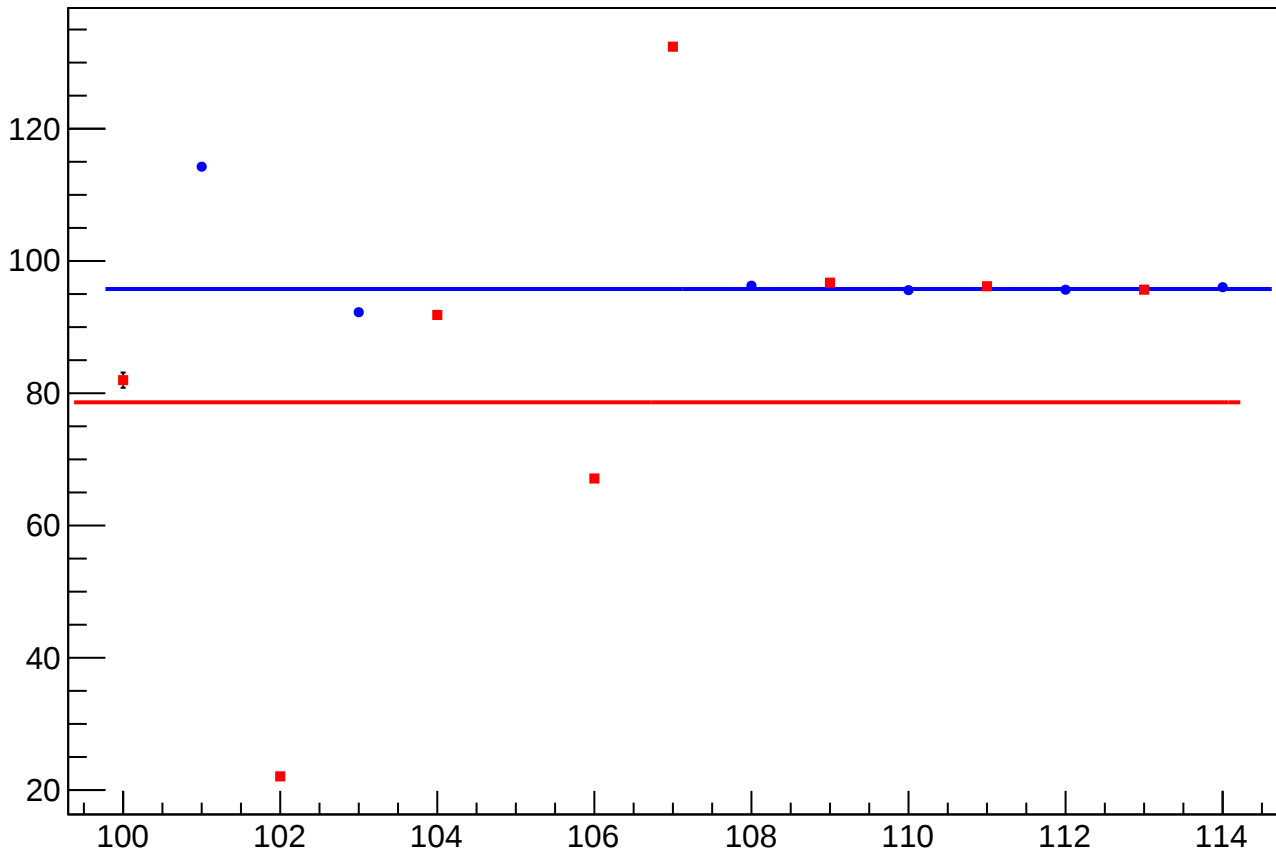
Right: -42.349 ± 1.720 $\chi^2/\text{NDF}: 114.8/13$

In: -39.720 ± 2.698 $\chi^2/\text{NDF}: 46.4/5$

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

All: -42.349 ± 1.720 $\chi^2/\text{NDF}: 114.8/13$

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 95.764+/-0.115 χ^2/NDF : 2576.5/5

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

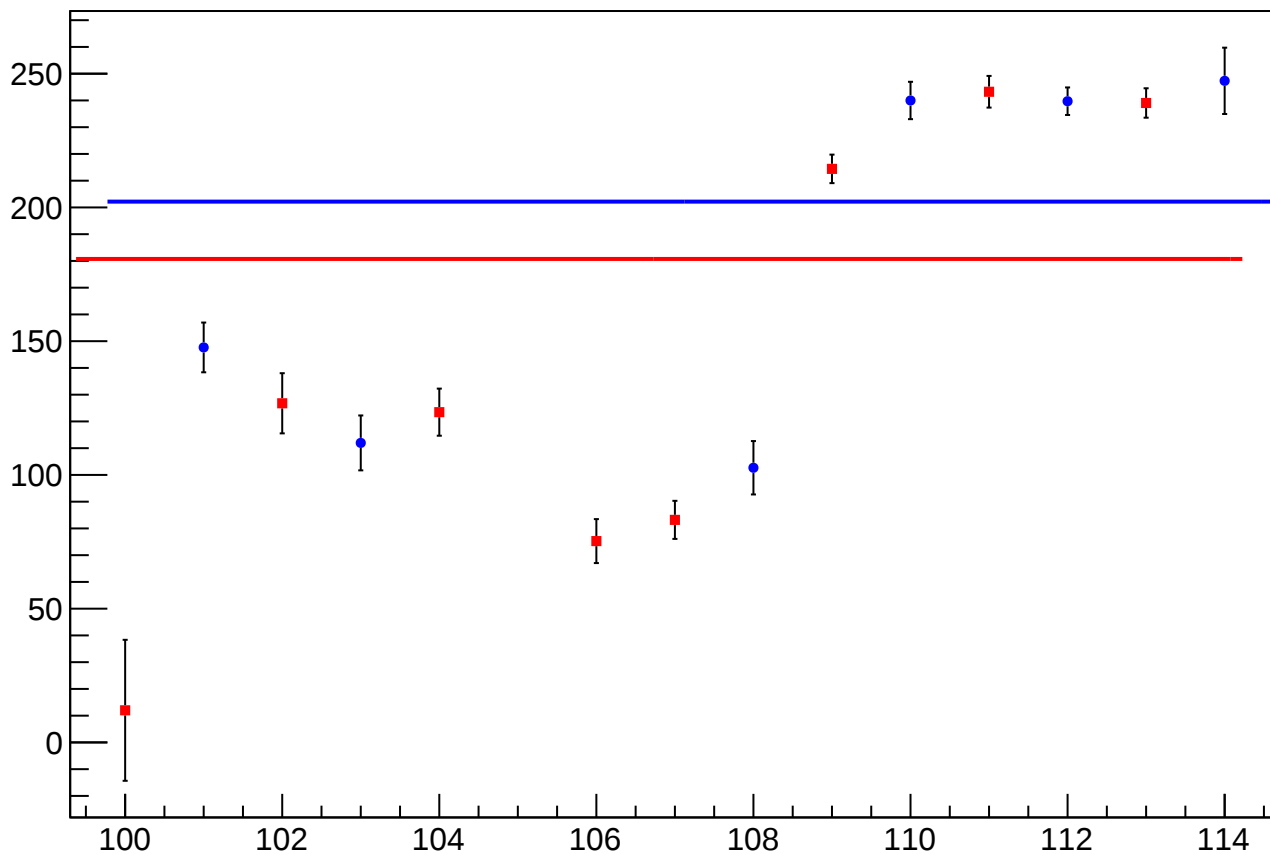
Right: 85.376+/-0.072 χ^2/NDF : 135420.6/13

In: 95.764+/-0.115 χ^2/NDF : 2576.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.376+/-0.072 χ^2/NDF : 135420.6/13

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 202.174 $\pm$ 3.230 χ^2 /NDF: 306.7/5

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

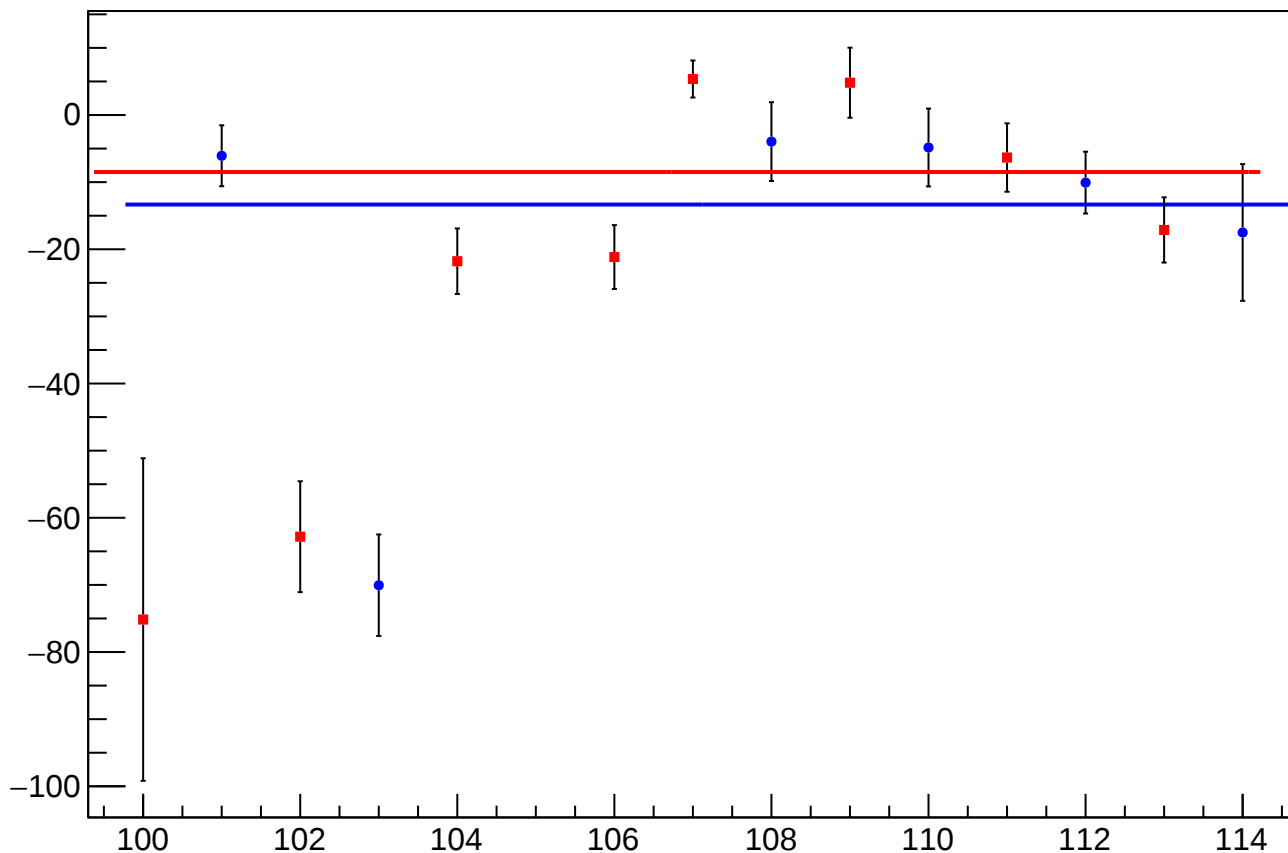
Right: 188.977 $\pm$ 2.002 χ^2 /NDF: 1056.7/13

In: 202.174 $\pm$ 3.230 χ^2 /NDF:306.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 188.977 $\pm$ 2.002 χ^2 /NDF: 1056.7/13

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -13.336 ± 2.347 χ^2/NDF : 64.1/5

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

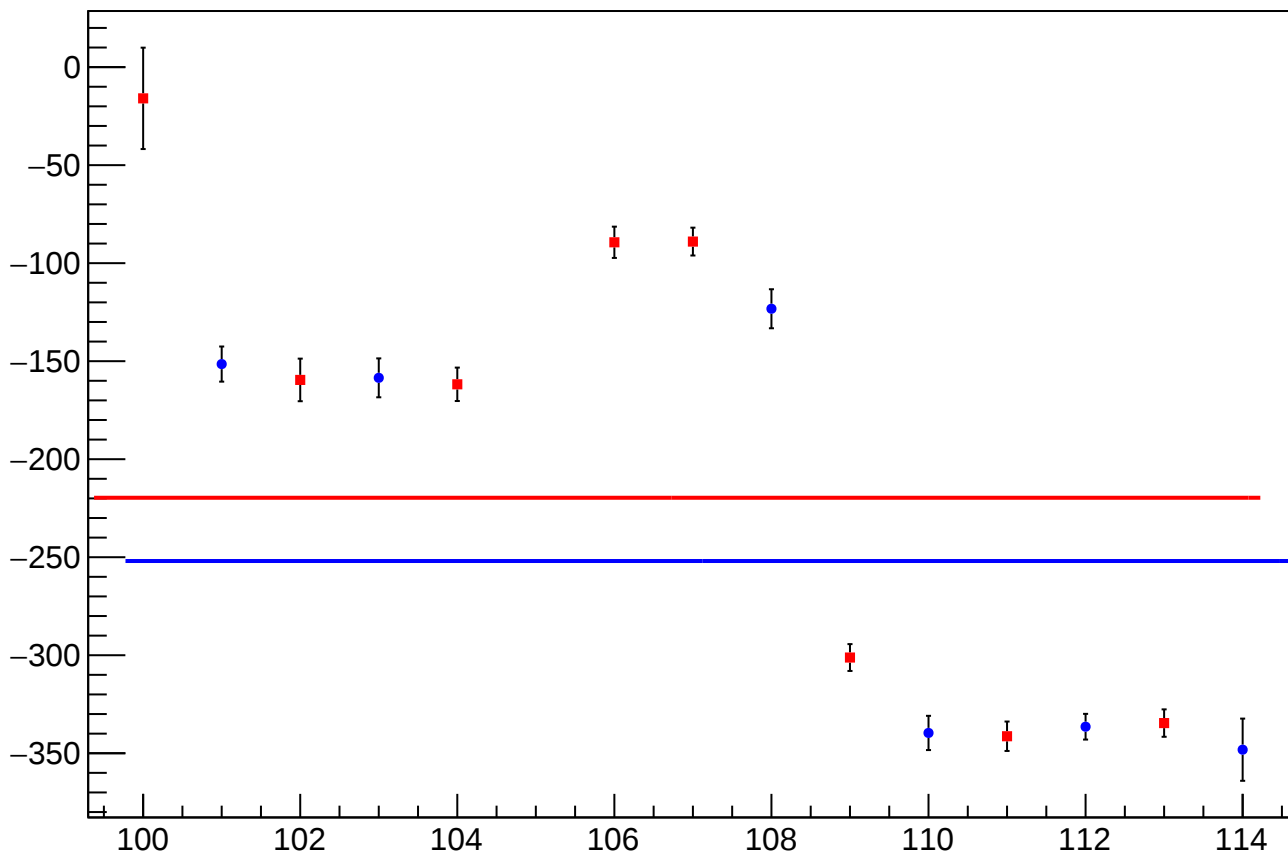
Right: -10.141 ± 1.369 χ^2/NDF : 167.5/13

In: -13.336 ± 2.347 χ^2/NDF : 64.1/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -10.141 ± 1.369 χ^2/NDF : 167.5/13

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -251.937+/-3.700 χ^2/NDF : 685.4/5

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

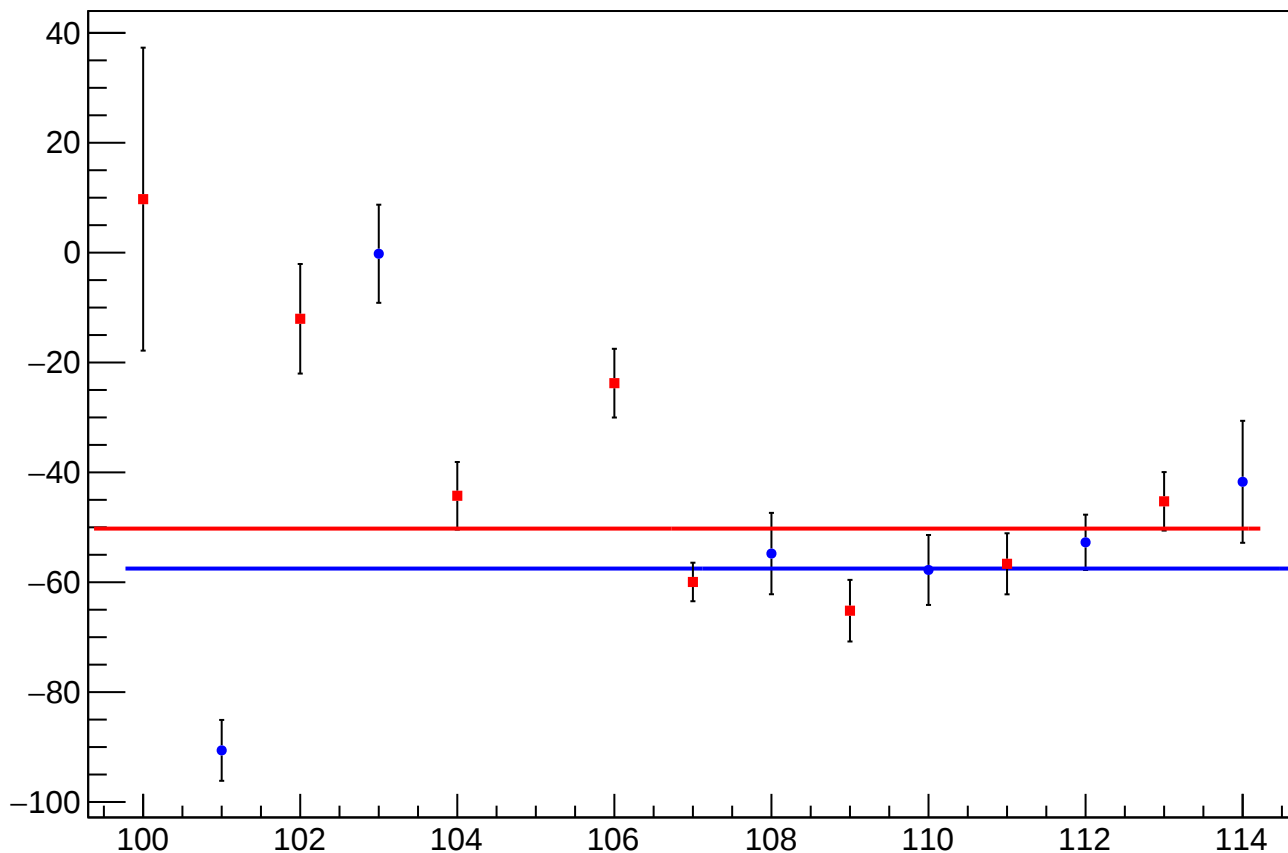
Right: -231.955+/-2.283 χ^2/NDF : 2151.5/13

In: -251.937+/-3.700 χ^2/NDF : 685.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -231.955+/-2.283 χ^2/NDF : 2151.5/13

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -57.508 ± 2.716 χ^2/NDF : 79.9/5

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

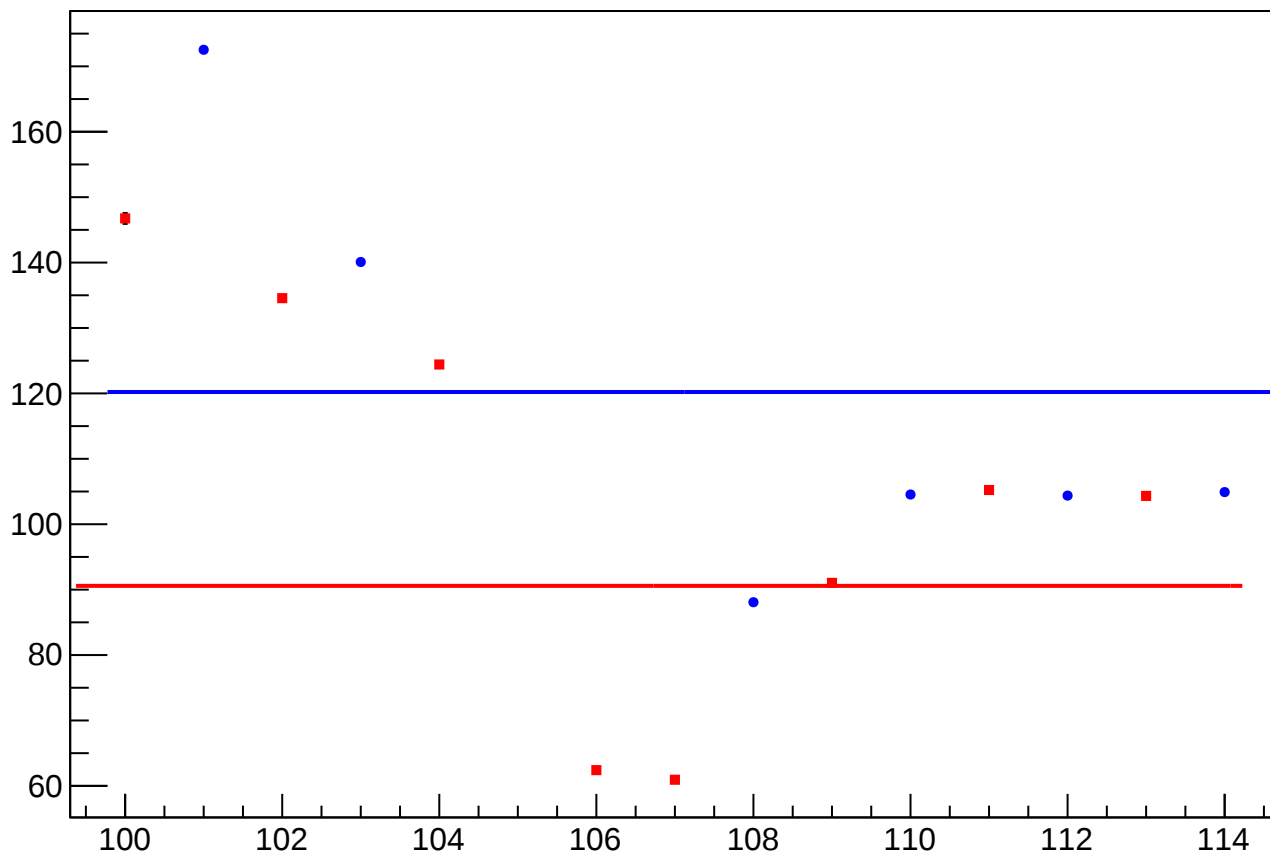
Right: -52.831 ± 1.623 χ^2/NDF : 139.8/13

In: -57.508 ± 2.716 χ^2/NDF : 79.9/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -52.831 ± 1.623 χ^2/NDF : 139.8/13

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 120.212+/-0.122 χ^2/NDF : 58862.0/5

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

Right Out: 90.579+/-0.089 χ^2/NDF : 112862.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

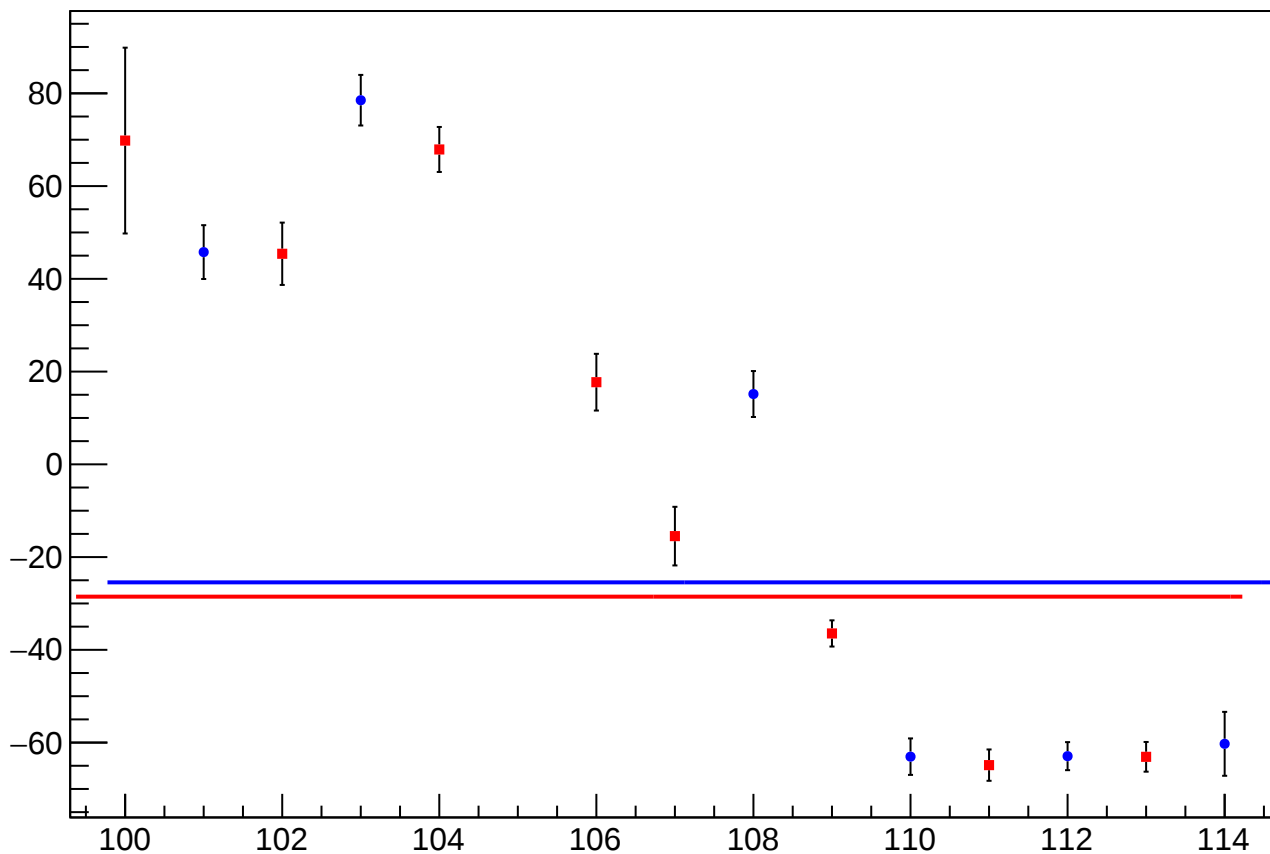
Right: 100.812+/-0.072 χ^2/NDF : 210404.2/13

In: 120.212+/-0.122 χ^2/NDF : 58862.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.812+/-0.072 χ^2/NDF : 210404.2/13

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -25.450 $\pm$ 1.828 χ^2 /NDF: 851.4/5

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

Right Out: -28.531 $\pm$ 1.527 χ^2 /NDF: 841.0/7

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

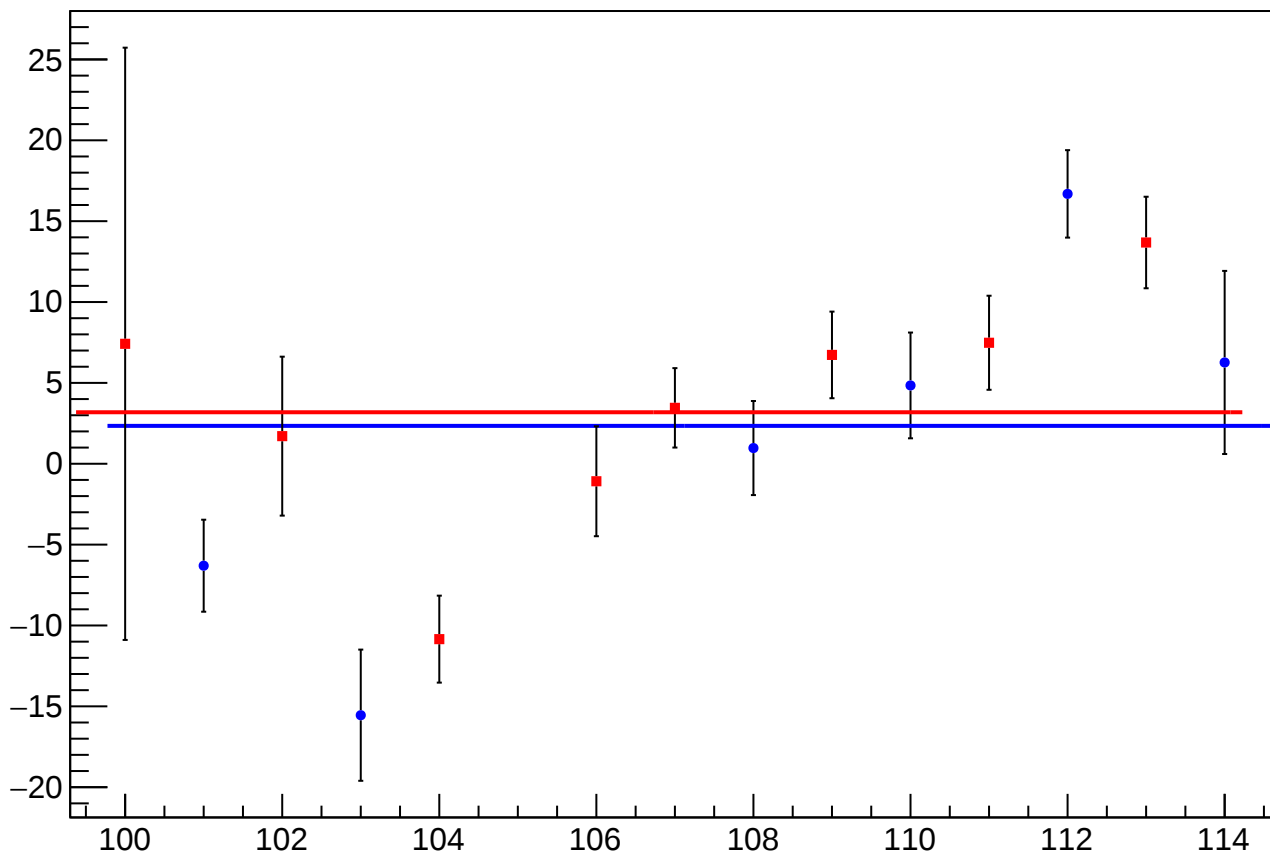
Right: -27.266 $\pm$ 1.172 χ^2 /NDF: 1694.1/13

In: -25.450 $\pm$ 1.828 χ^2 /NDF:851.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -27.266 $\pm$ 1.172 χ^2 /NDF: 1694.1/13

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.343+/-1.331 χ^2/NDF : 58.1/5

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

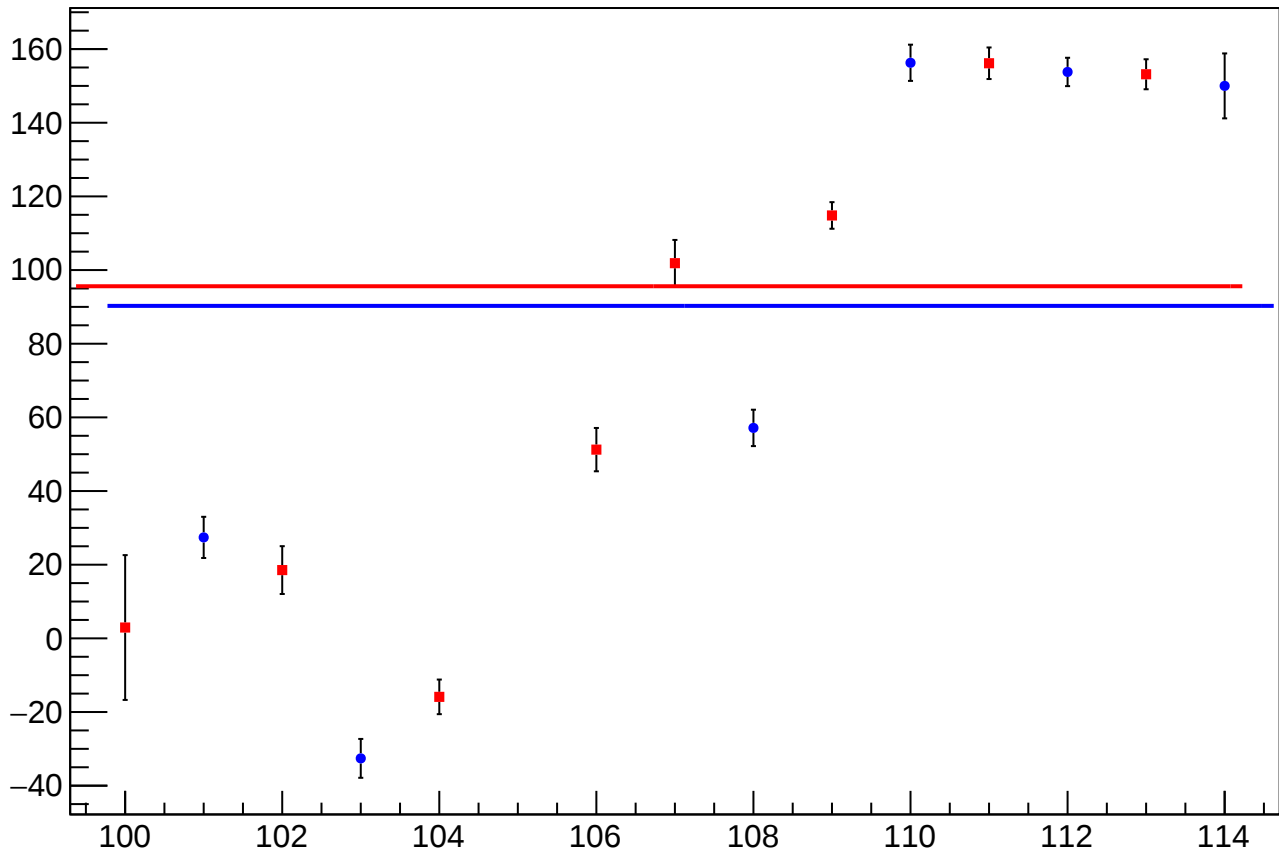
Right: 2.841+/-0.851 χ^2/NDF : 105.0/13

In: 2.343+/-1.331 χ^2/NDF : 58.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.841+/-0.851 χ^2/NDF : 105.0/13

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 90.274+/-2.083 χ^2/NDF : 1211.6/5

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

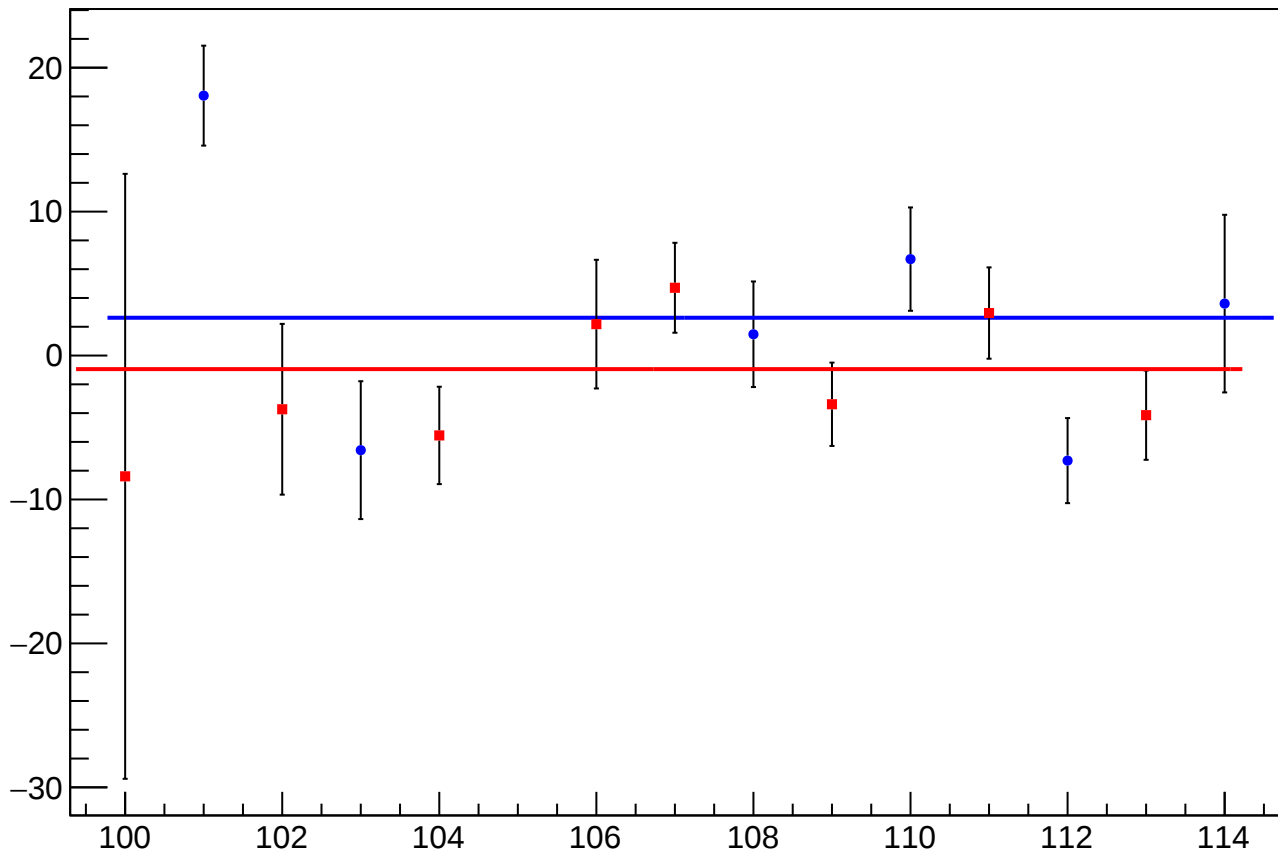
Right: 93.361+/-1.351 χ^2/NDF : 2427.2/13

In: 90.274+/-2.083 χ^2/NDF : 1211.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.361+/-1.351 χ^2/NDF : 2427.2/13

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.626+/-1.544 χ^2/NDF : 36.1/5

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

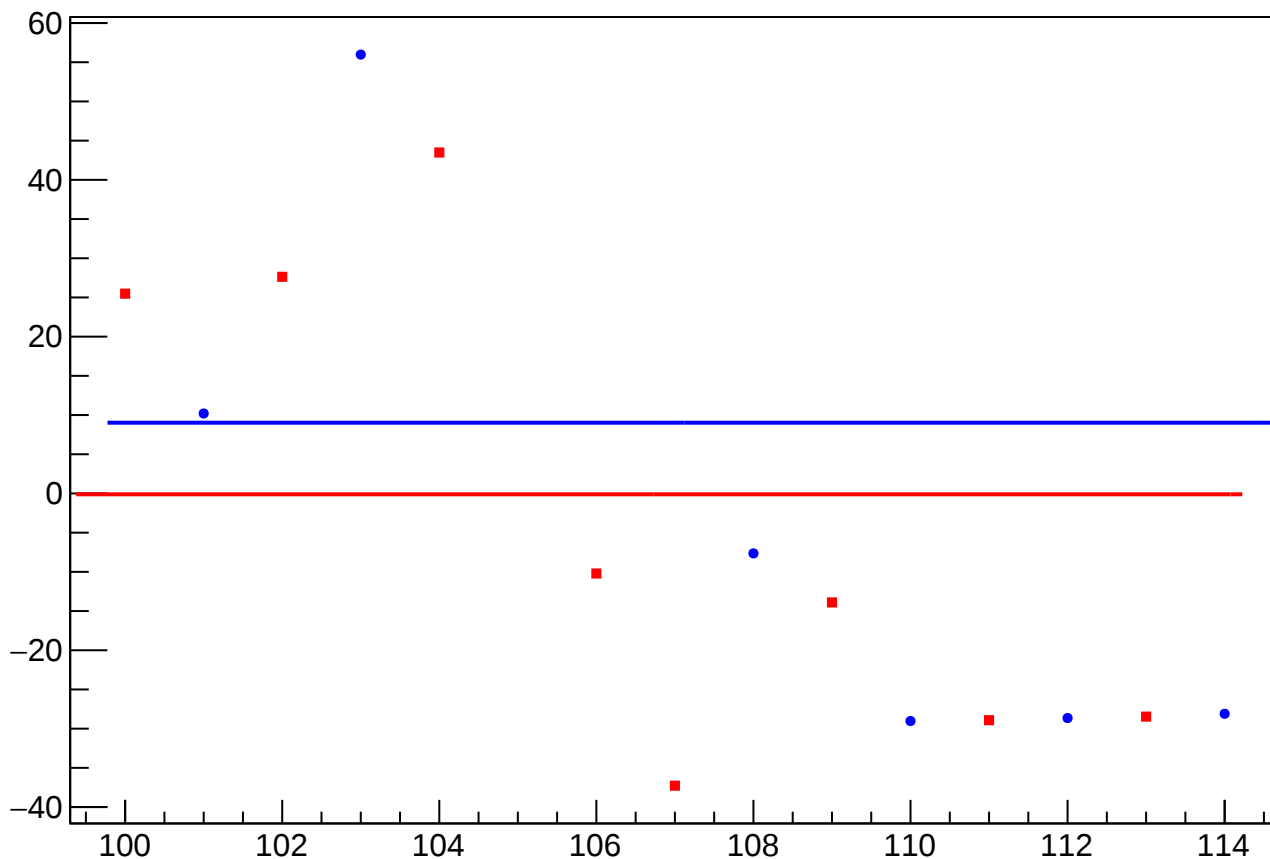
Right: 0.535+/-0.994 χ^2/NDF : 48.5/13

In: 2.626+/-1.544 χ^2/NDF : 36.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.535+/-0.994 χ^2/NDF : 48.5/13

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 9.025+/-0.066 χ^2/NDF : 256964.4/5

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

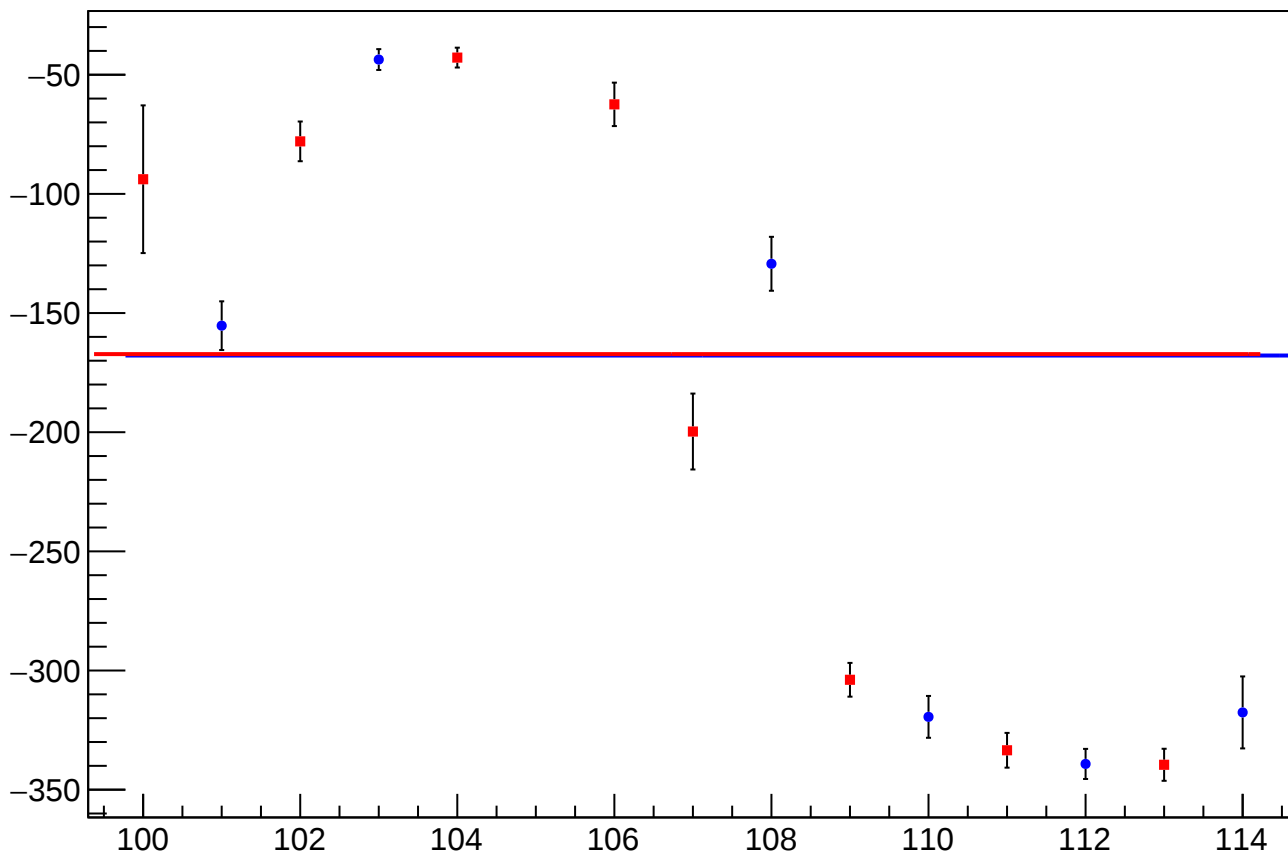
Right: 3.858+/-0.043 χ^2/NDF : 558060.9/13

In: 9.025+/-0.066 χ^2/NDF :256964.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3.858+/-0.043 χ^2/NDF : 558060.9/13

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -167.821+/-2.986 χ^2/NDF : 1953.1/5

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

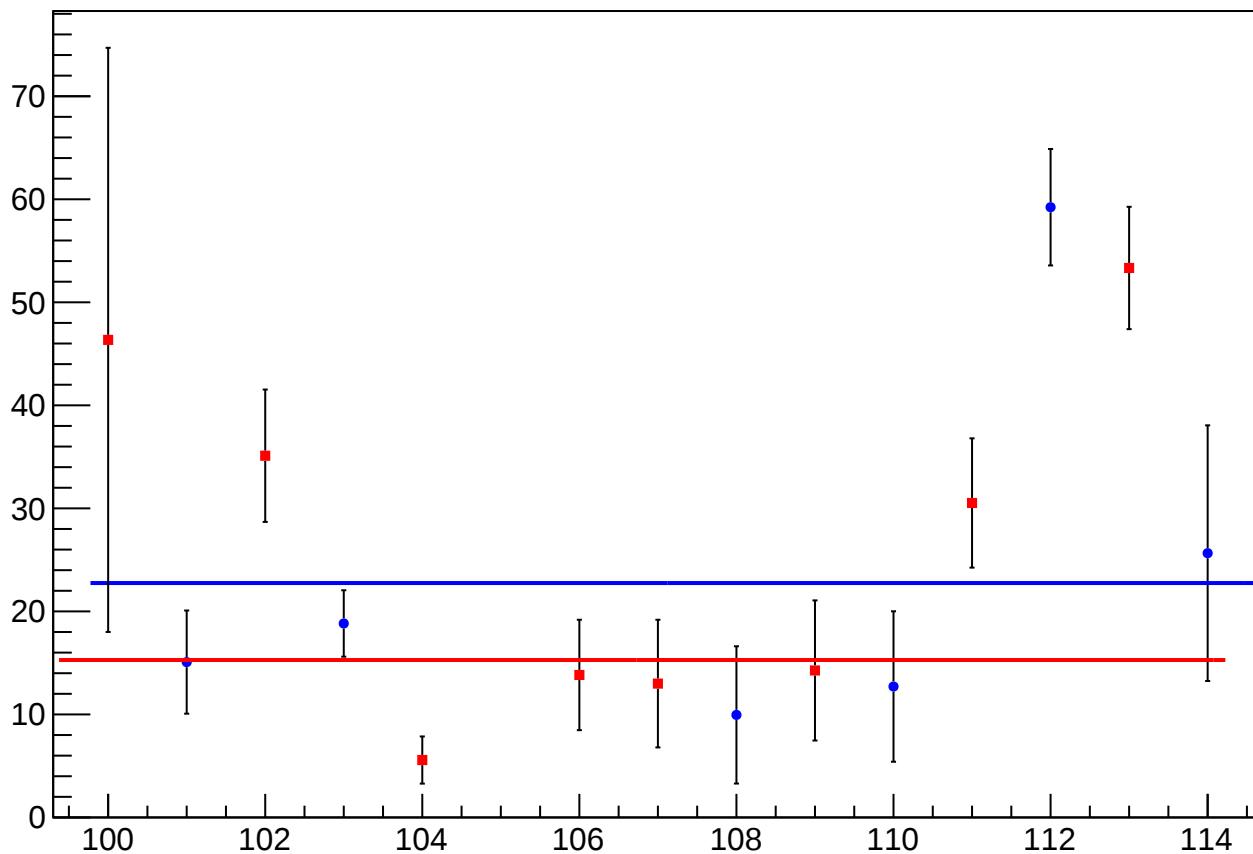
Right: -167.483+/-1.953 χ^2/NDF : 4651.1/13

In: -167.821+/-2.986 χ^2/NDF : 1953.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -167.483+/-1.953 χ^2/NDF : 4651.1/13

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.753+/-2.156 χ^2/NDF : 51.1/5

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

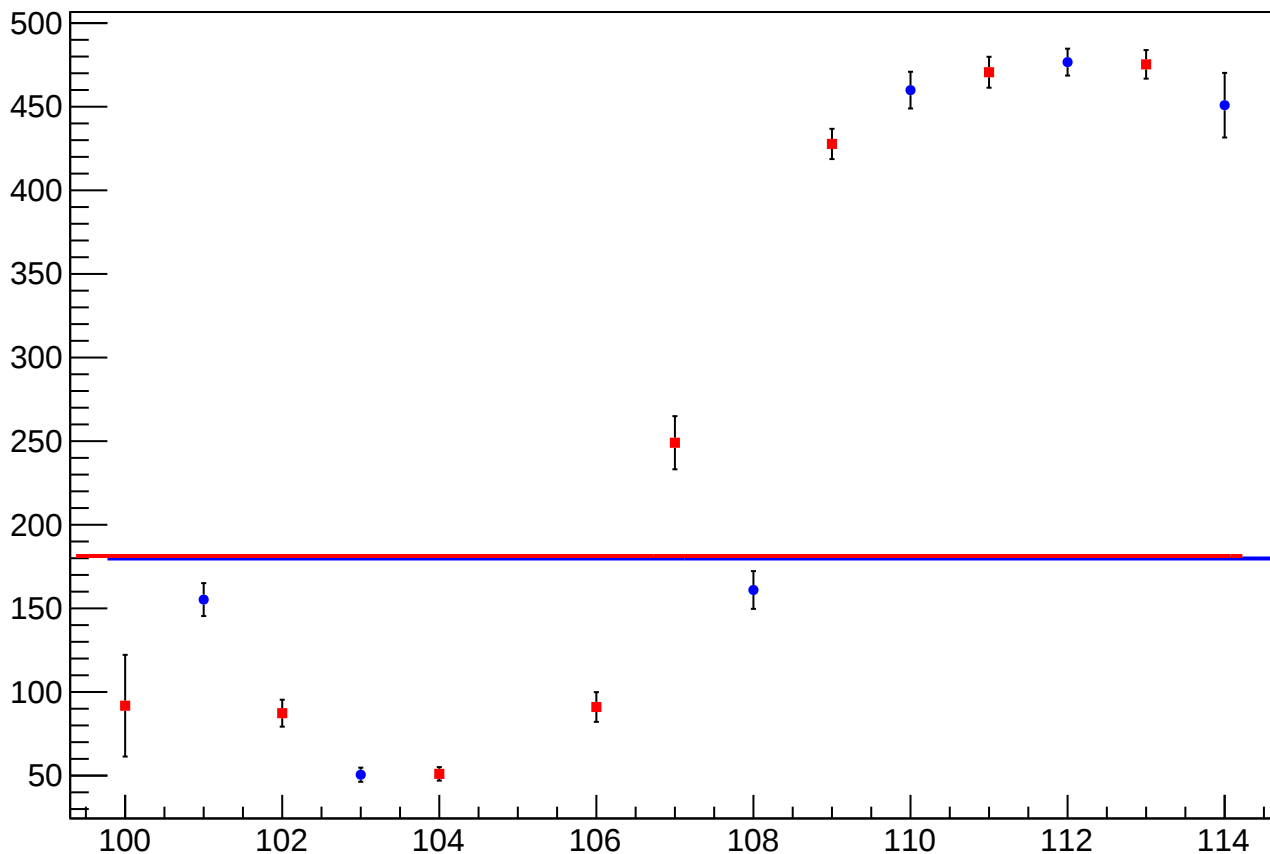
Right: 18.112+/-1.327 χ^2/NDF : 134.5/13

In: 22.753+/-2.156 χ^2/NDF : 51.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.112+/-1.327 χ^2/NDF : 134.5/13

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 179.833+/-3.154 χ^2/NDF : 3153.6/5

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

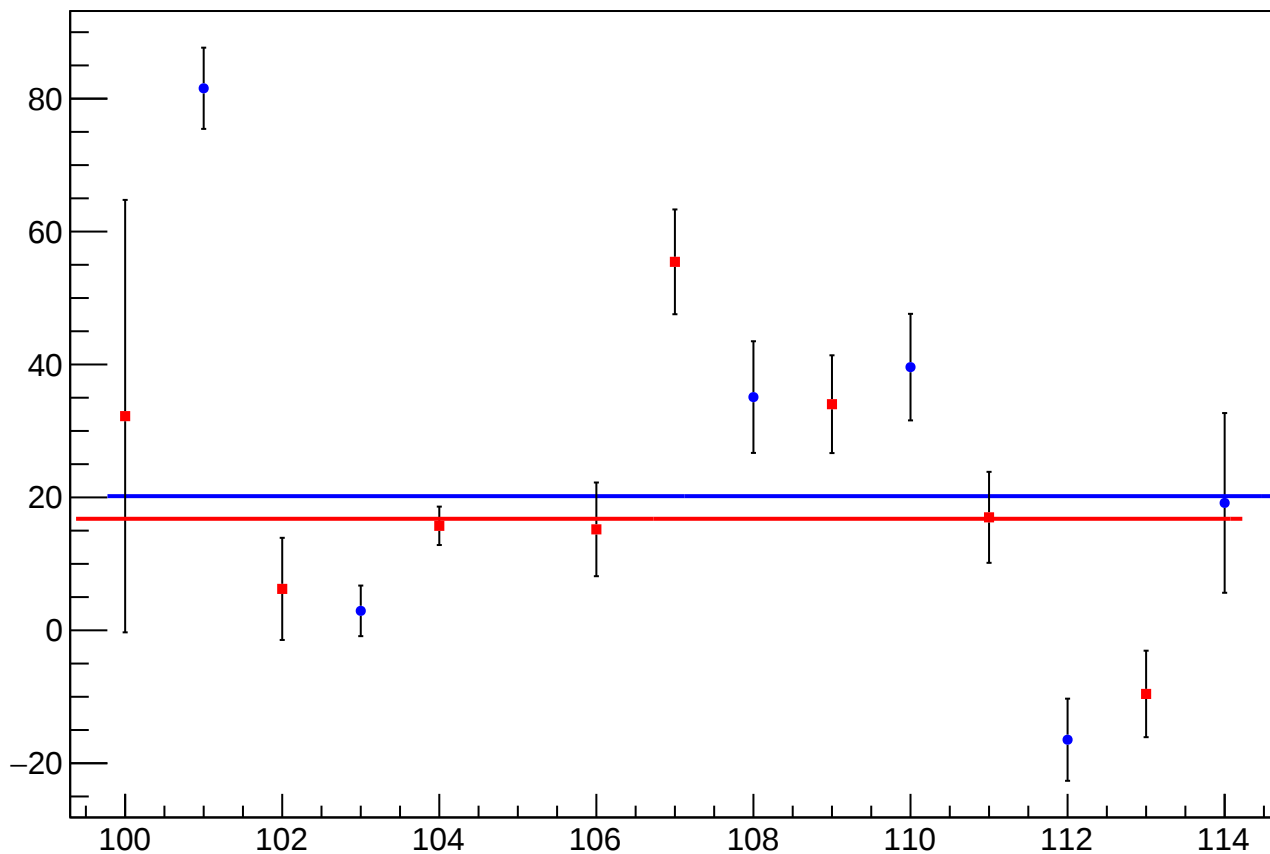
Right: 180.680+/-2.073 χ^2/NDF : 7369.3/13

In: 179.833+/-3.154 χ^2/NDF : 3153.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.680+/-2.073 χ^2/NDF : 7369.3/13

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.188 $\pm$ 2.522 χ^2 /NDF: 165.6/5

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

Right Out: 16.783 $\pm$ 2.053 χ^2 /NDF: 48.2/7

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

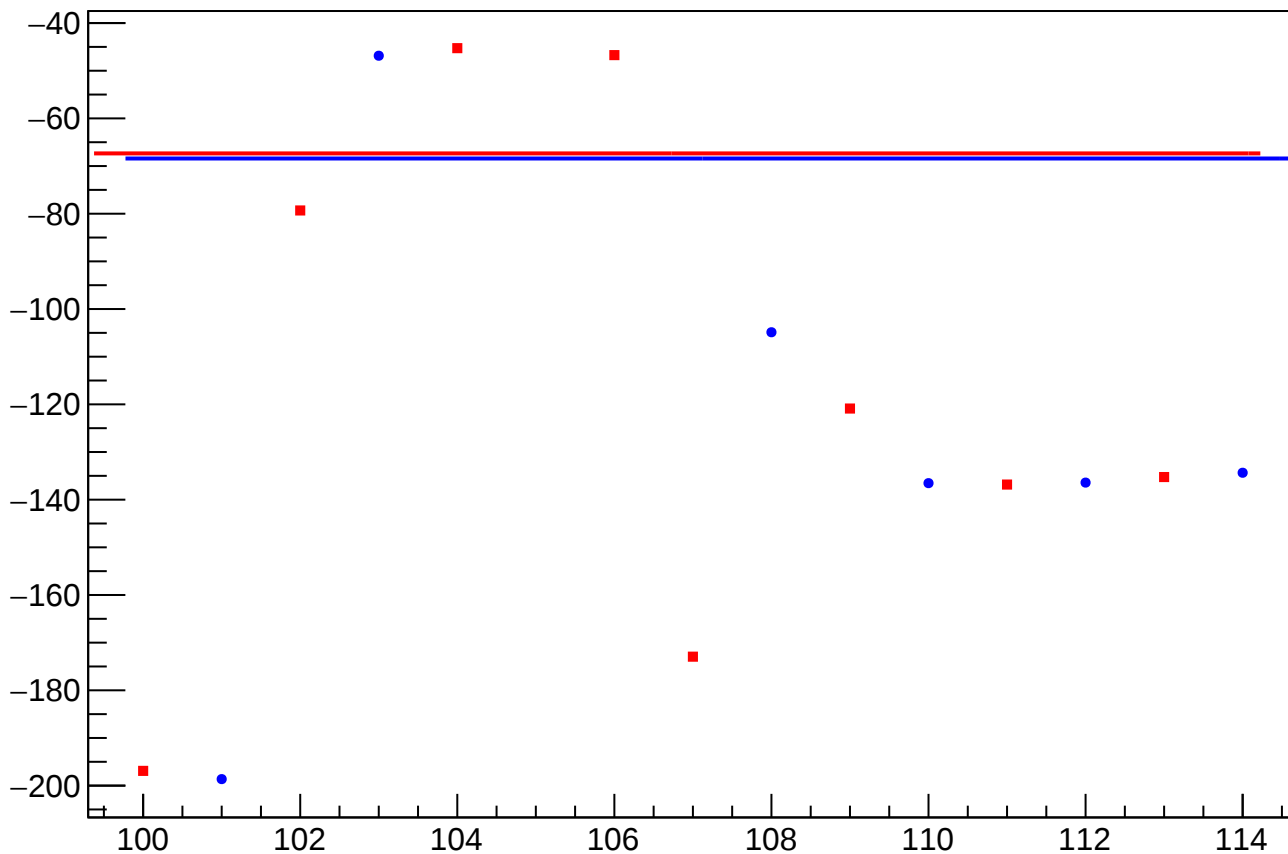
Right: 18.140 $\pm$ 1.592 χ^2 /NDF: 215.0/13

In: 20.188 $\pm$ 2.522 χ^2 /NDF: 165.6/5

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

All: 18.140 $\pm$ 1.592 χ^2 /NDF: 215.0/13

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -68.416+/-0.083 χ^2/NDF : 261398.4/5

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

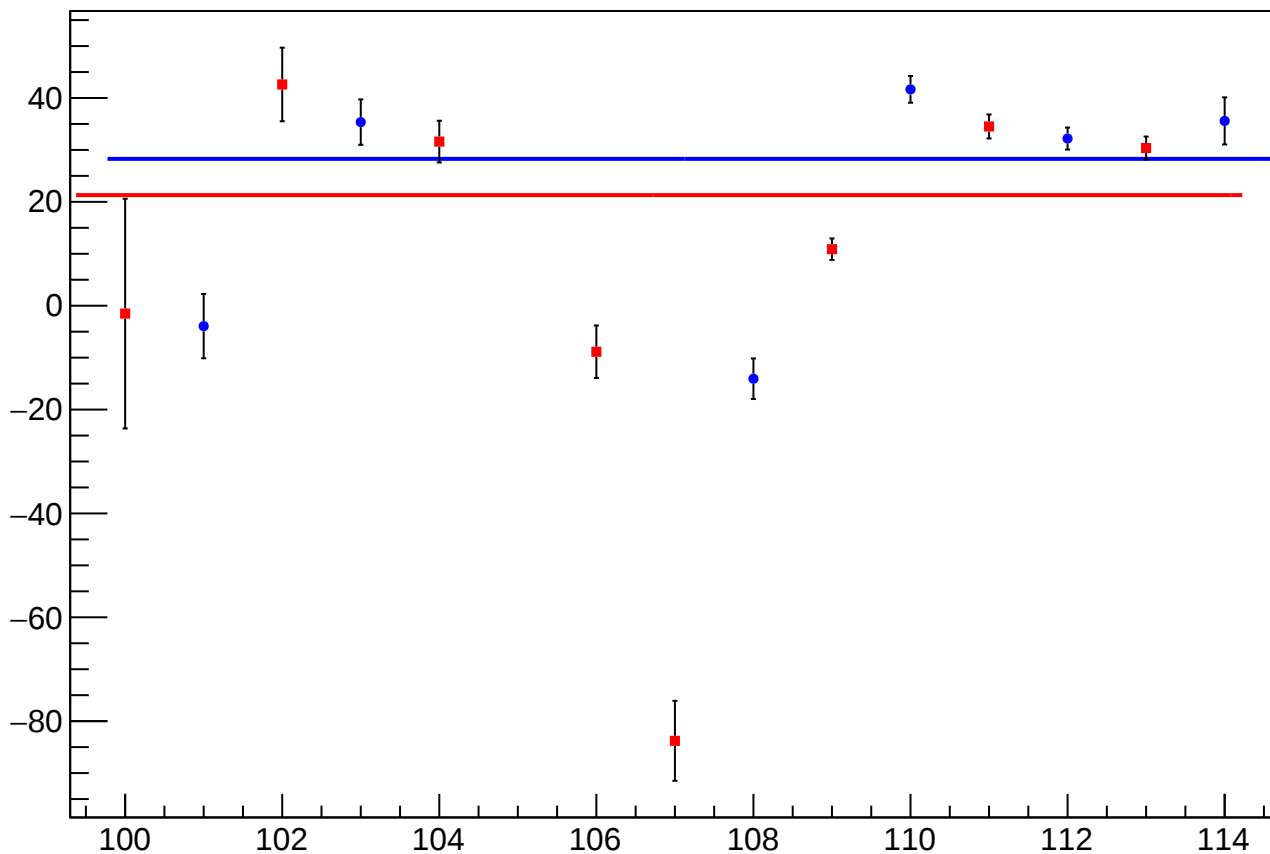
Right: -67.838+/-0.056 χ^2/NDF : 498815.6/13

In: -68.416+/-0.083 χ^2/NDF :261398.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -67.838+/-0.056 χ^2/NDF : 498815.6/13

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 28.282+/-1.329 χ^2 /NDF: 180.2/5

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

Right Out: 21.302+/-1.142 χ^2 /NDF: 313.7/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

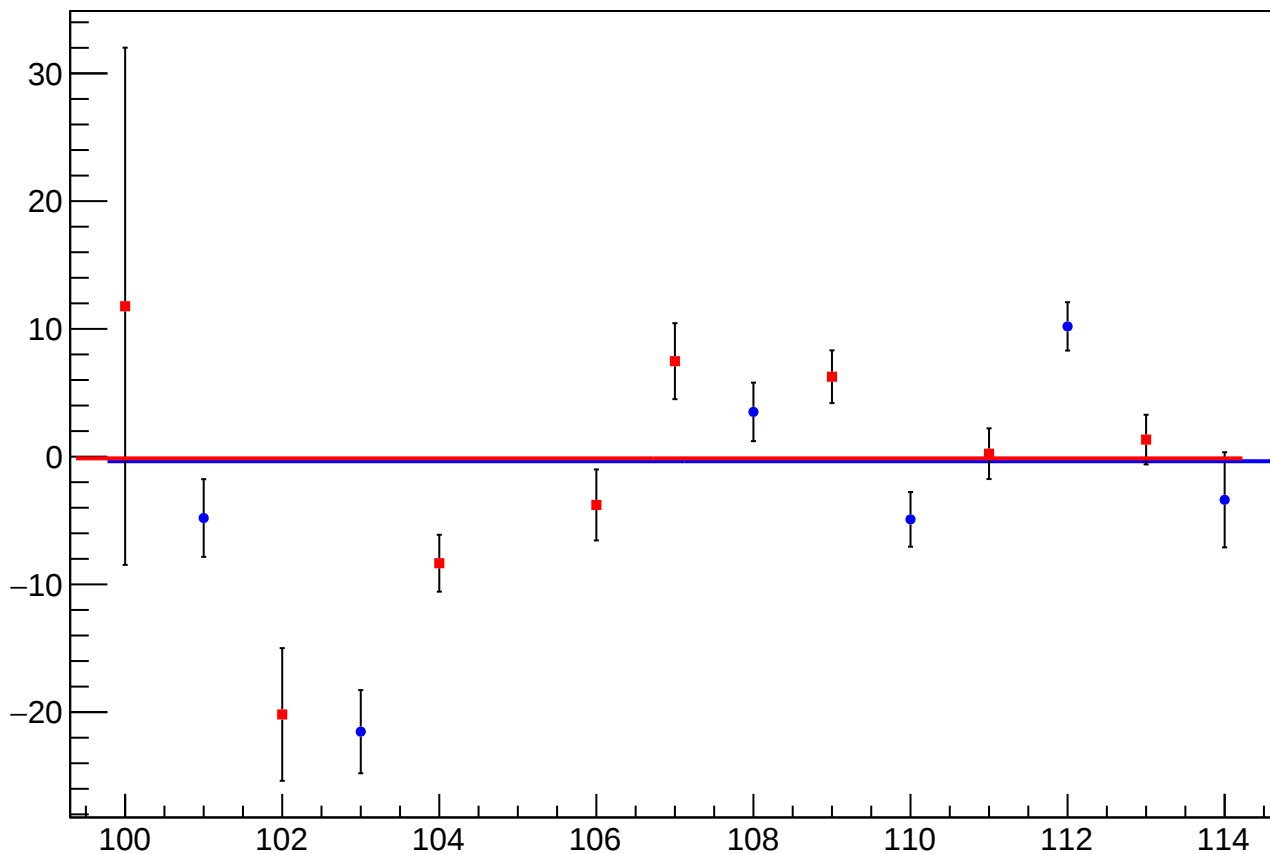
Right: 24.268+/-0.866 χ^2 /NDF: 509.7/13

In: 28.282+/-1.329 χ^2 /NDF:180.2/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 24.268+/-0.866 χ^2 /NDF: 509.7/13

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.359 ± 1.019 χ^2/NDF : 83.6/5

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

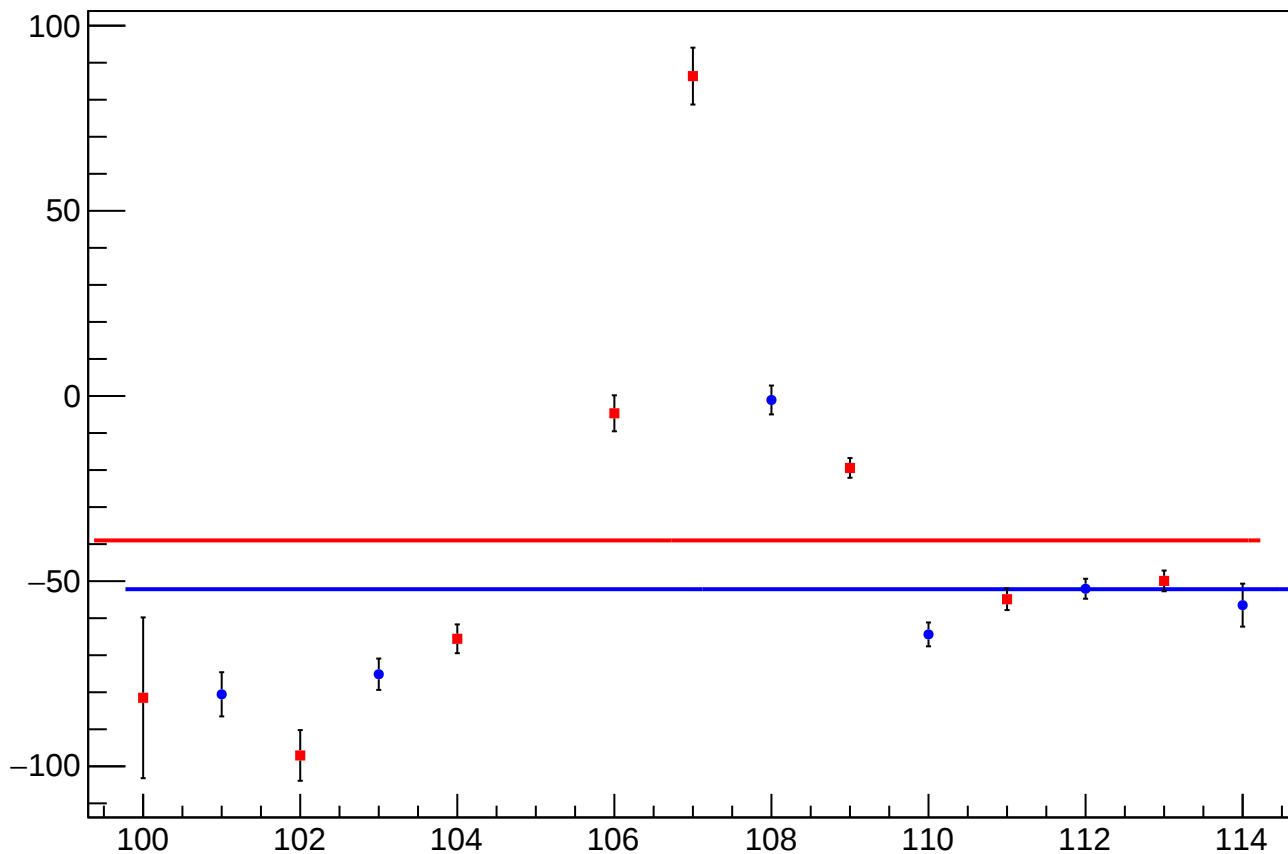
Right: -0.233 ± 0.674 χ^2/NDF : 130.9/13

In: -0.359 ± 1.019 χ^2/NDF : 83.6/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.233 ± 0.674 χ^2/NDF : 130.9/13

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.172 $\pm$ 1.555 χ^2 /NDF: 239.0/5

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

Right Out: -38.998 $\pm$ 1.367 χ^2 /NDF: 537.5/7

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

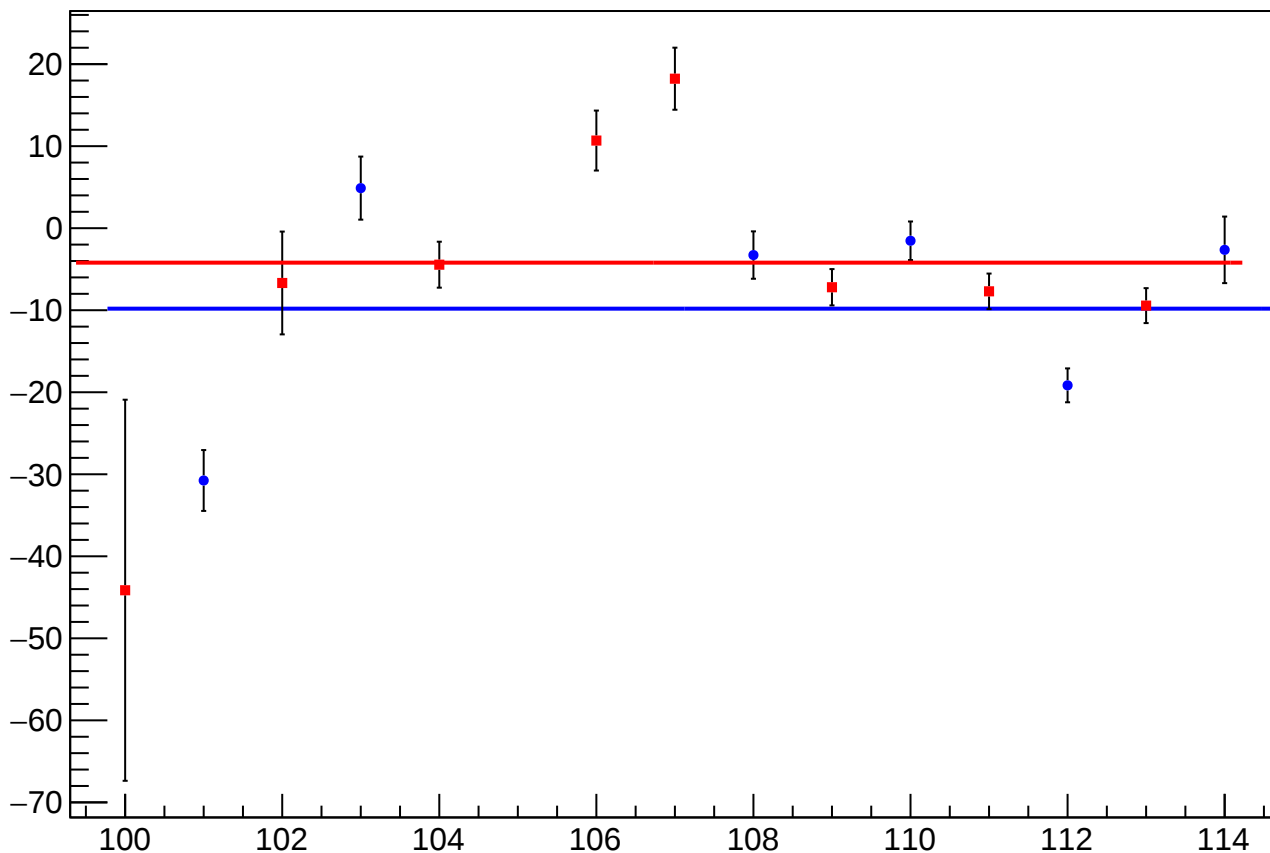
Right: -44.743 $\pm$ 1.027 χ^2 /NDF: 817.0/13

In: -52.172 $\pm$ 1.555 χ^2 /NDF: 239.0/5

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

All: -44.743 $\pm$ 1.027 χ^2 /NDF: 817.0/13

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -9.810+/-1.165 χ^2/NDF : 87.6/5

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

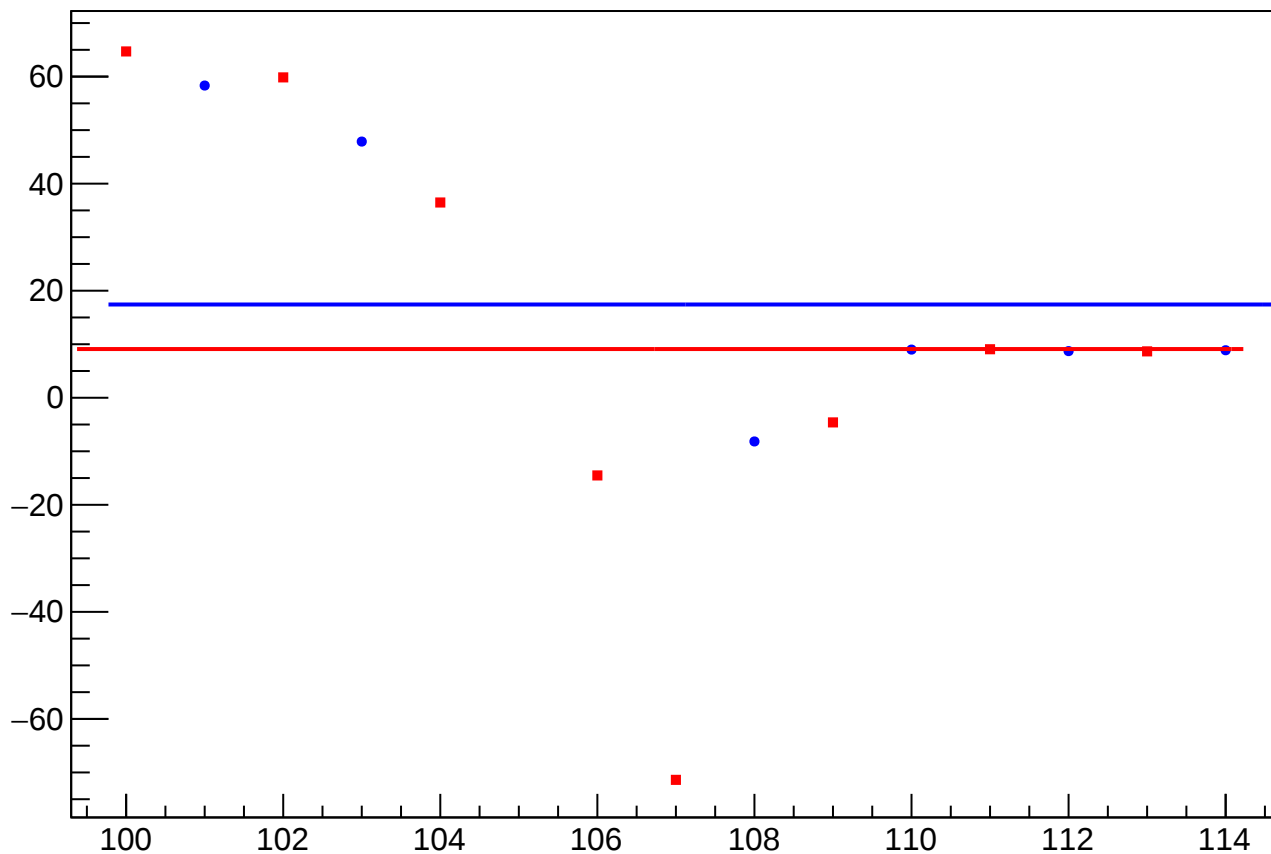
Right: -6.669+/-0.773 χ^2/NDF : 165.9/13

In: -9.810+/-1.165 χ^2/NDF : 87.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.669+/-0.773 χ^2/NDF : 165.9/13

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 17.423+/-0.051 χ^2/NDF : 231125.8/5

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

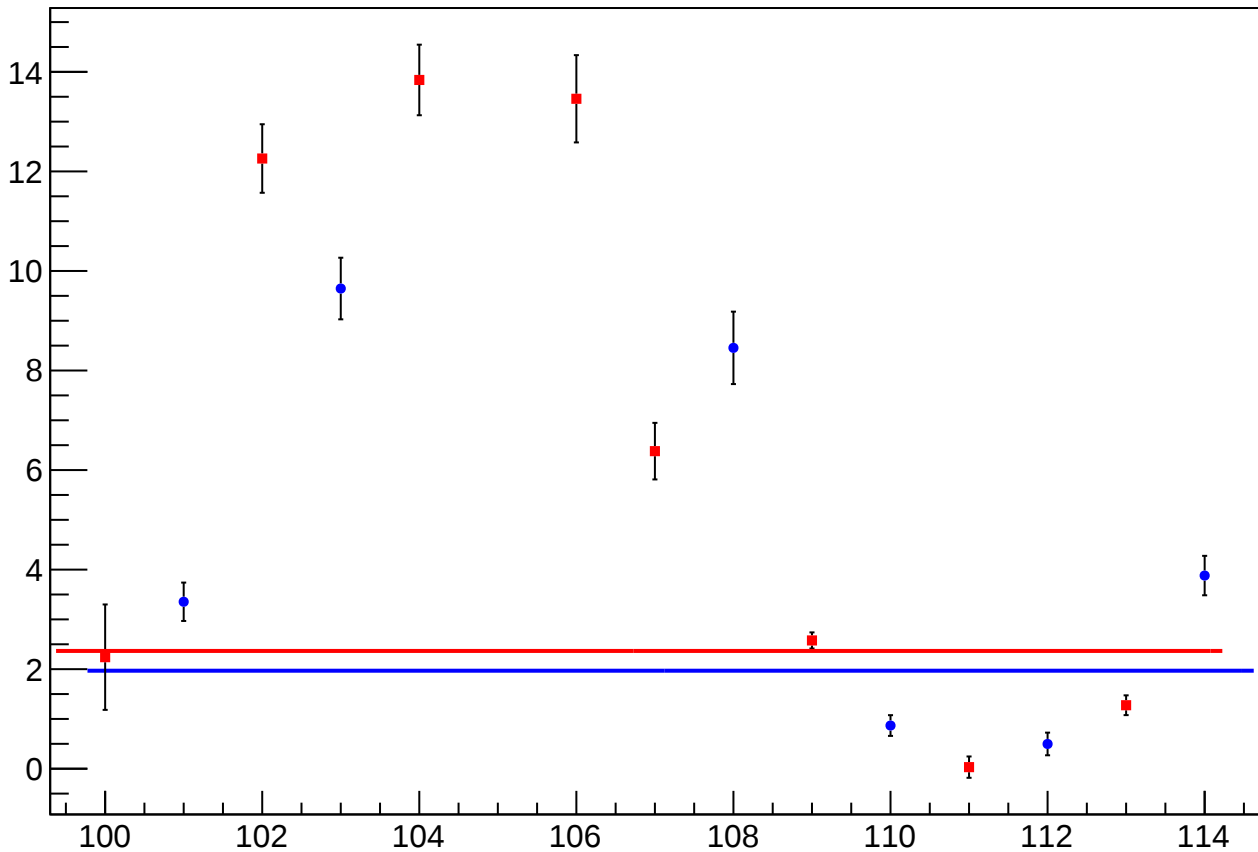
Right: 13.029+/-0.035 χ^2/NDF : 681696.1/13

In: 17.423+/-0.051 χ^2/NDF : 231125.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.029+/-0.035 χ^2/NDF : 681696.1/13

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.969+/-0.129 χ^2/NDF : 339.3/5

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

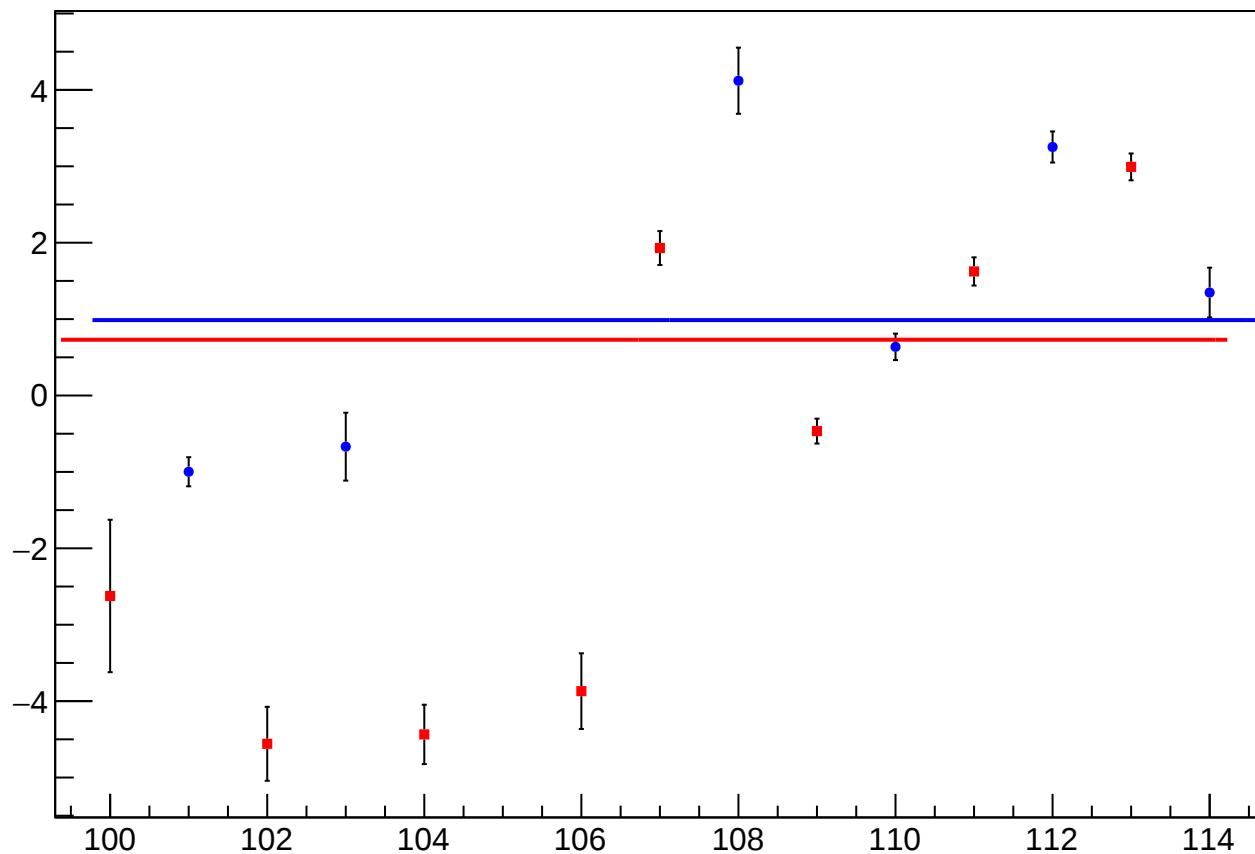
Right: 2.212+/-0.080 χ^2/NDF : 1173.9/13

In: 1.969+/-0.129 χ^2/NDF : 339.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.212+/-0.080 χ^2/NDF : 1173.9/13

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.987 $\pm$ 0.098 χ^2 /NDF: 304.0/5

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

Right Out: 0.730 $\pm$ 0.086 χ^2 /NDF: 666.7/7

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

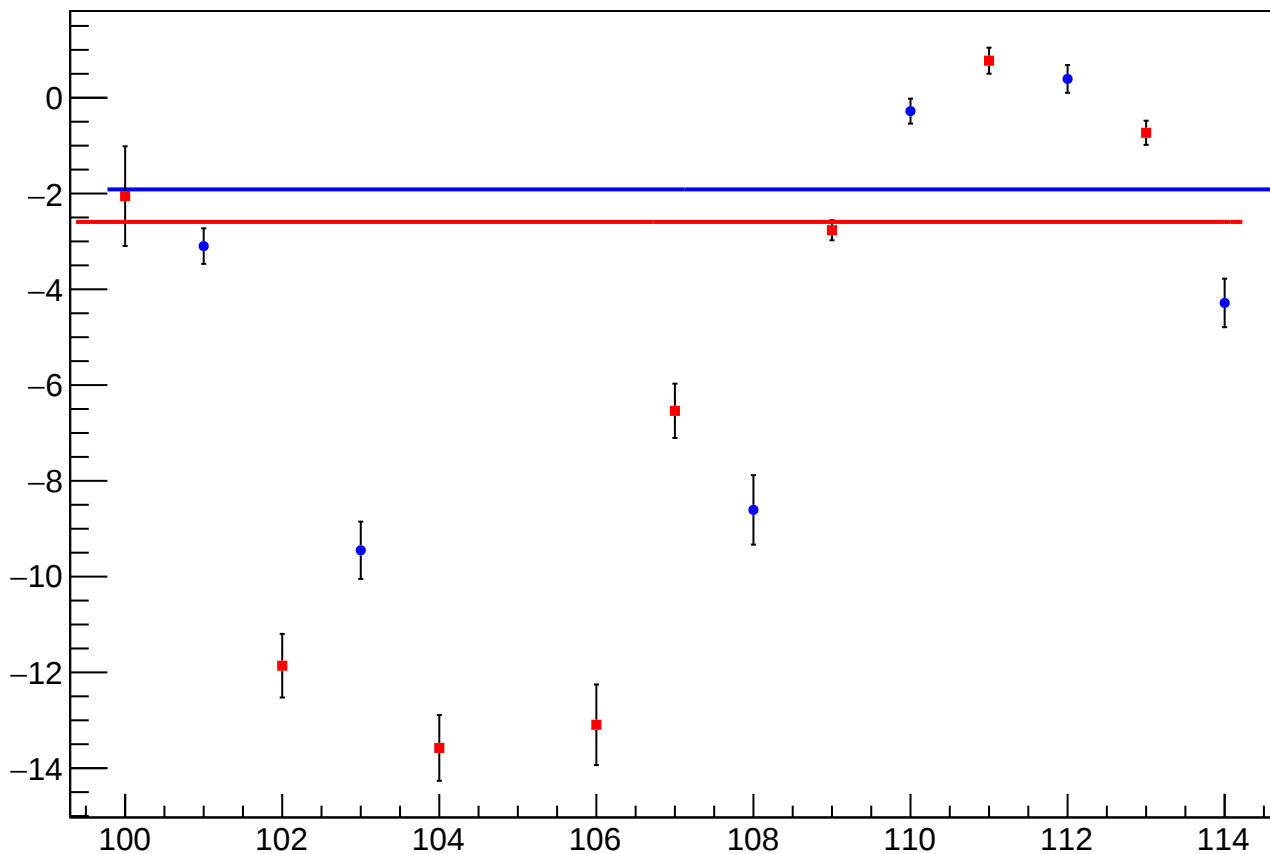
Right: 0.842 $\pm$ 0.064 χ^2 /NDF: 974.6/13

In: 0.987 $\pm$ 0.098 χ^2 /NDF:304.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.842 $\pm$ 0.064 χ^2 /NDF: 974.6/13

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.914 ± 0.153 χ^2/NDF : 378.4/5

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

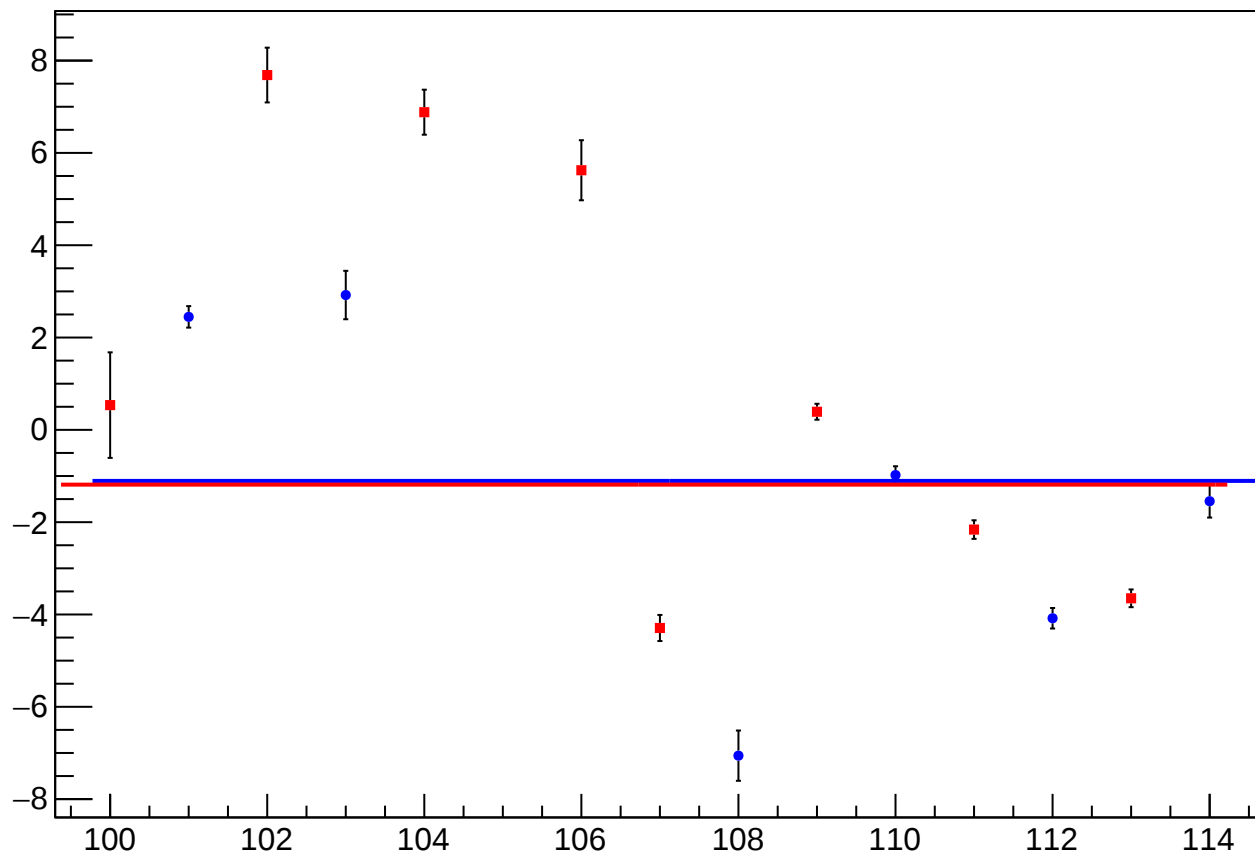
Right: -2.316 ± 0.098 χ^2/NDF : 1253.4/13

In: -1.914 ± 0.153 χ^2/NDF : 378.4/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.316 ± 0.098 χ^2/NDF : 1253.4/13

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.106+/-0.111 χ^2/NDF : 592.4/5

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

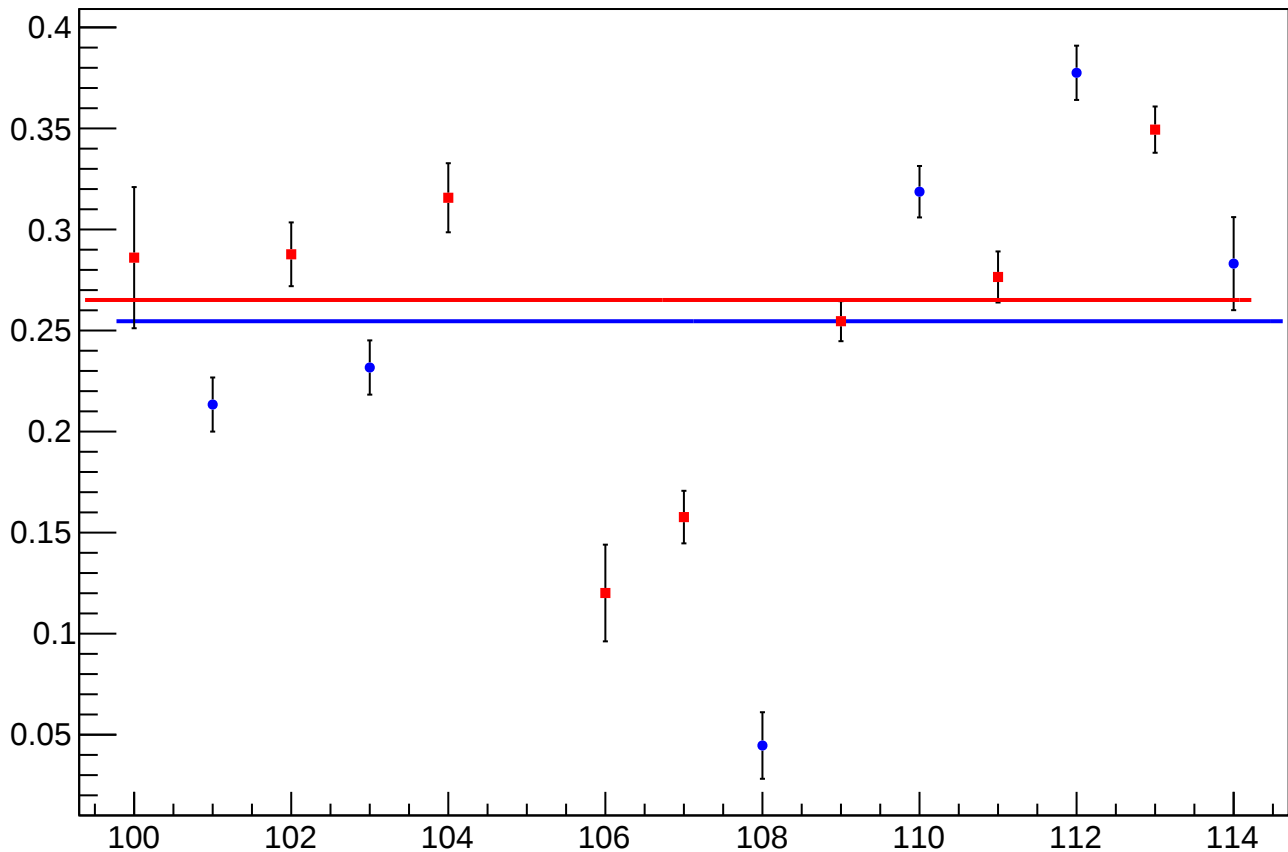
Right: -1.152+/-0.073 χ^2/NDF : 1594.6/13

In: -1.106+/-0.111 χ^2/NDF : 592.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.152+/-0.073 χ^2/NDF : 1594.6/13

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.255+/-0.006 χ^2/NDF : 285.6/5

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

Right Out: 0.265+/-0.005 χ^2/NDF : 172.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

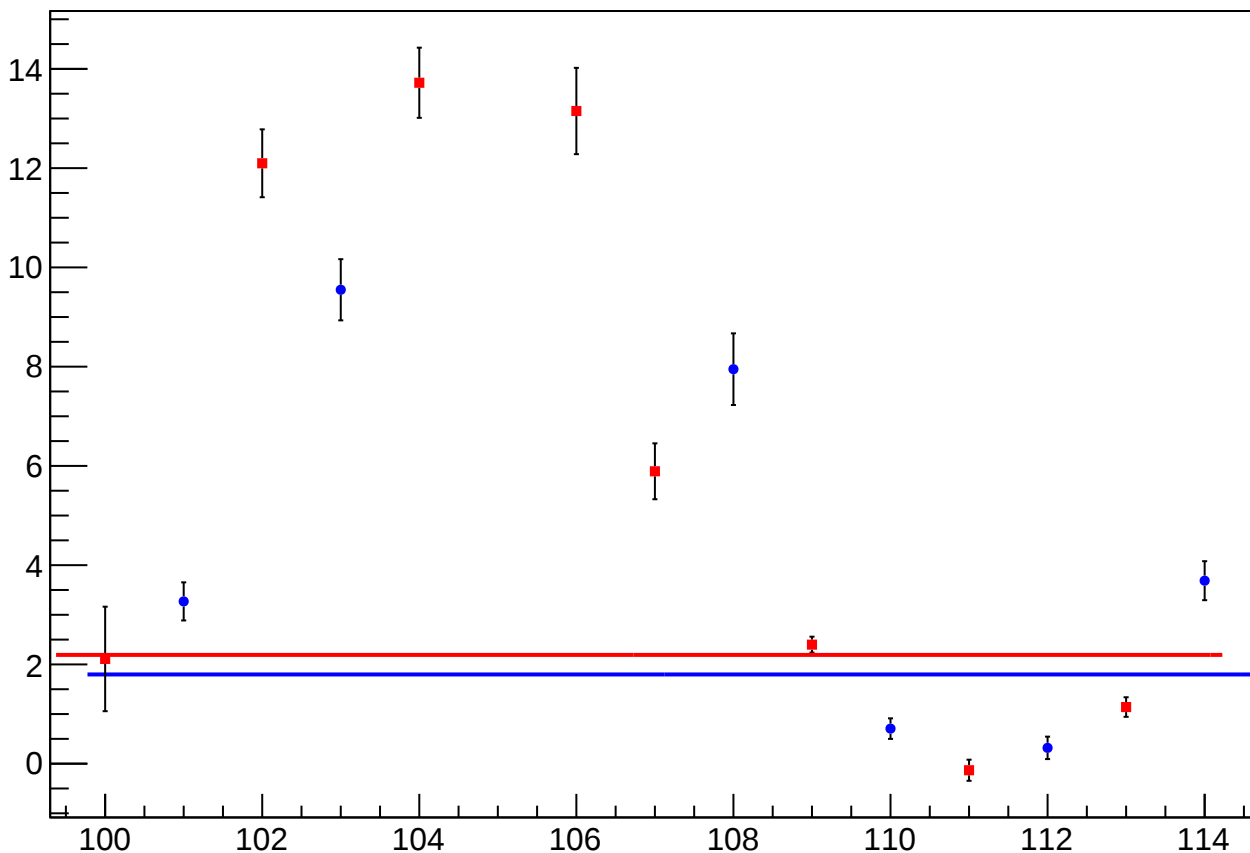
Right: 0.261+/-0.004 χ^2/NDF : 459.8/13

In: 0.255+/-0.006 χ^2/NDF : 285.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.261+/-0.004 χ^2/NDF : 459.8/13

reg_asym_bcm_an_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.798+/-0.128 χ^2/NDF : 339.2/5

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

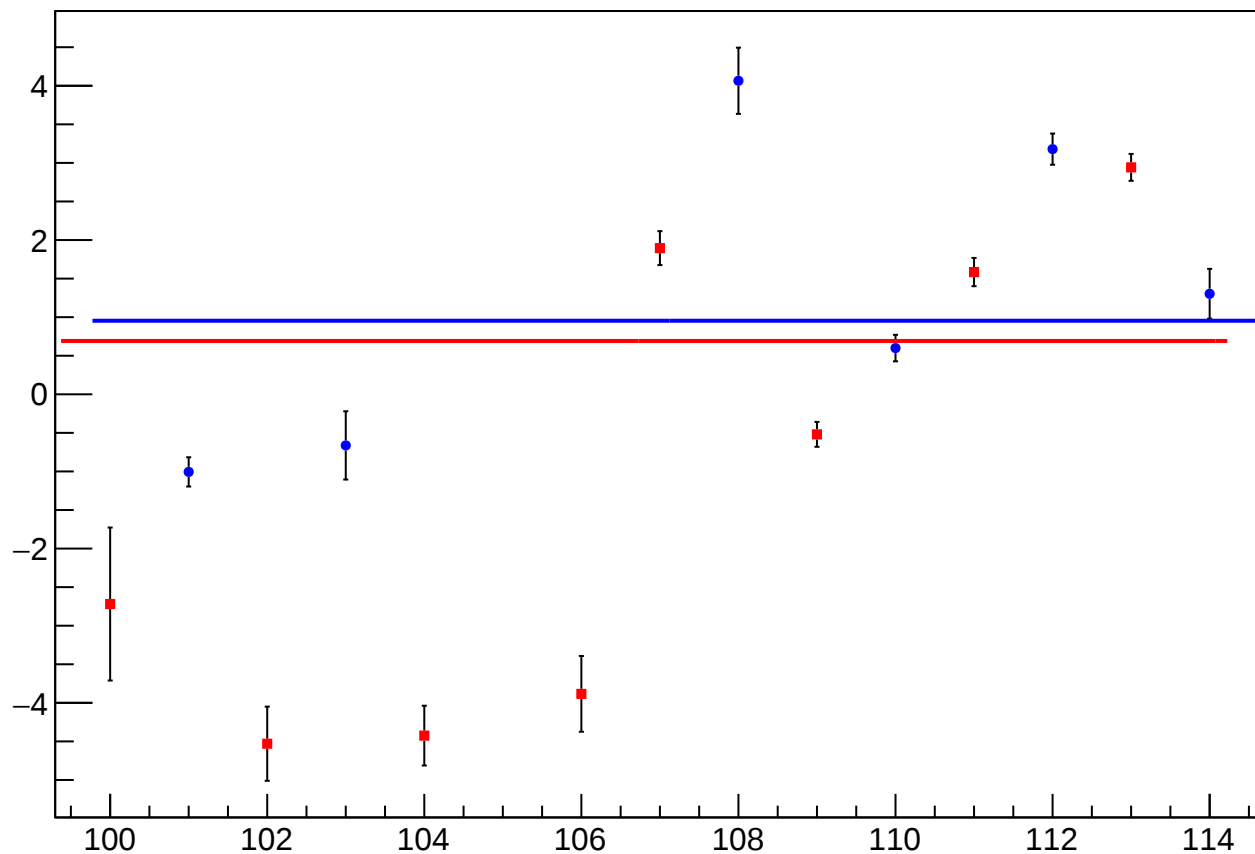
Right: 2.039+/-0.080 χ^2/NDF : 1172.2/13

In: 1.798+/-0.128 χ^2/NDF : 339.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.039+/-0.080 χ^2/NDF : 1172.2/13

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.954+/-0.097 χ^2/NDF : 299.1/5

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

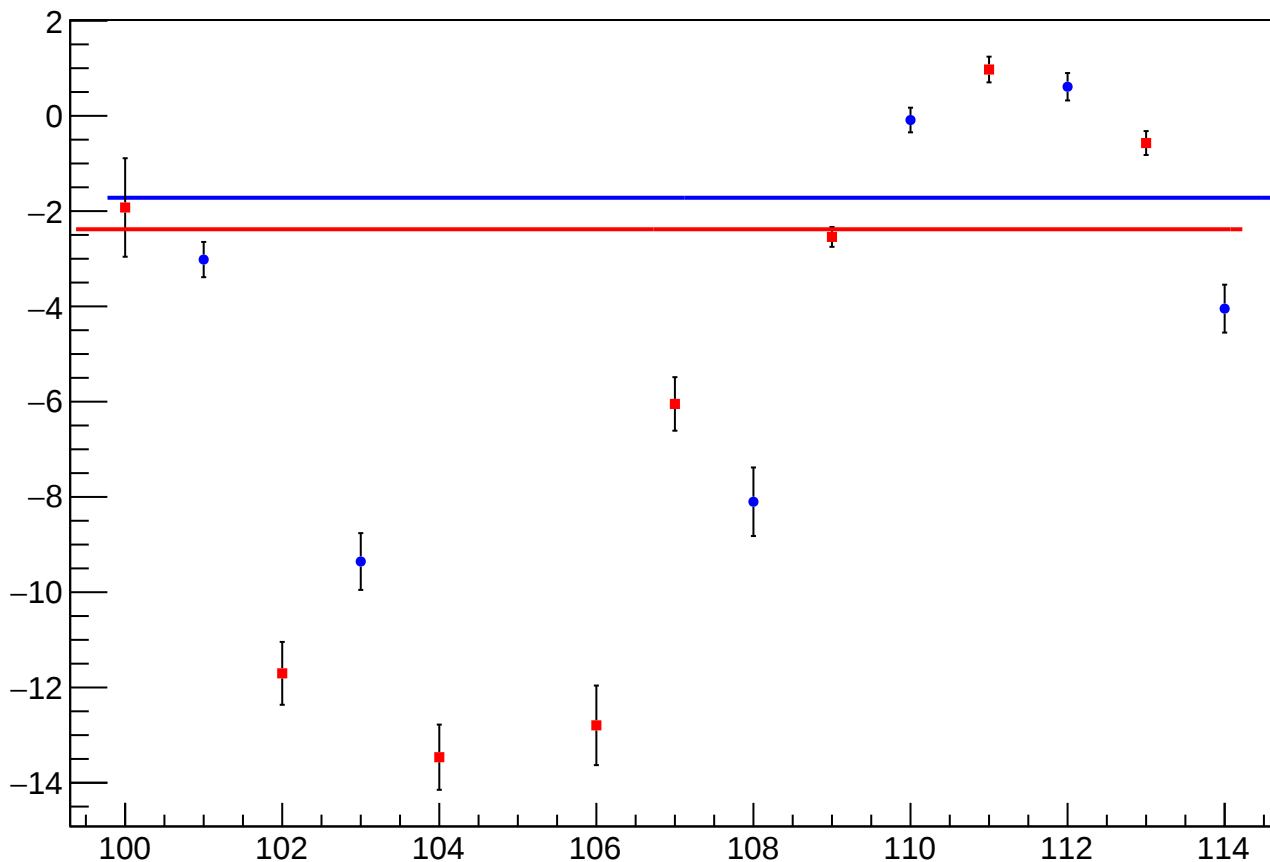
Right: 0.806+/-0.064 χ^2/NDF : 971.1/13

In: 0.954+/-0.097 χ^2/NDF : 299.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.806+/-0.064 χ^2/NDF : 971.1/13

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.720+/-0.152 χ^2/NDF : 381.8/5

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

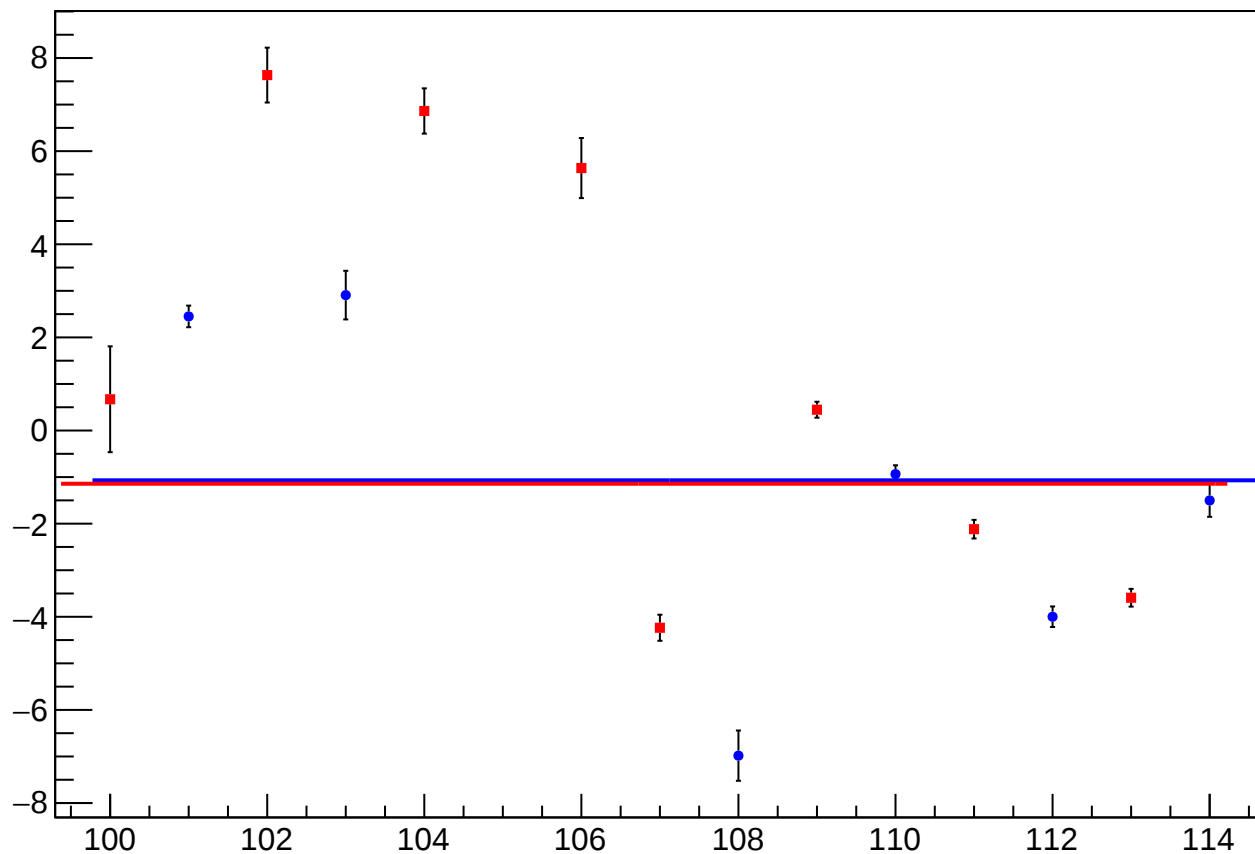
Right: -2.112+/-0.097 χ^2/NDF : 1260.1/13

In: -1.720+/-0.152 χ^2/NDF : 381.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.112+/-0.097 χ^2/NDF : 1260.1/13

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.069+/-0.110 χ^2/NDF : 586.4/5

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

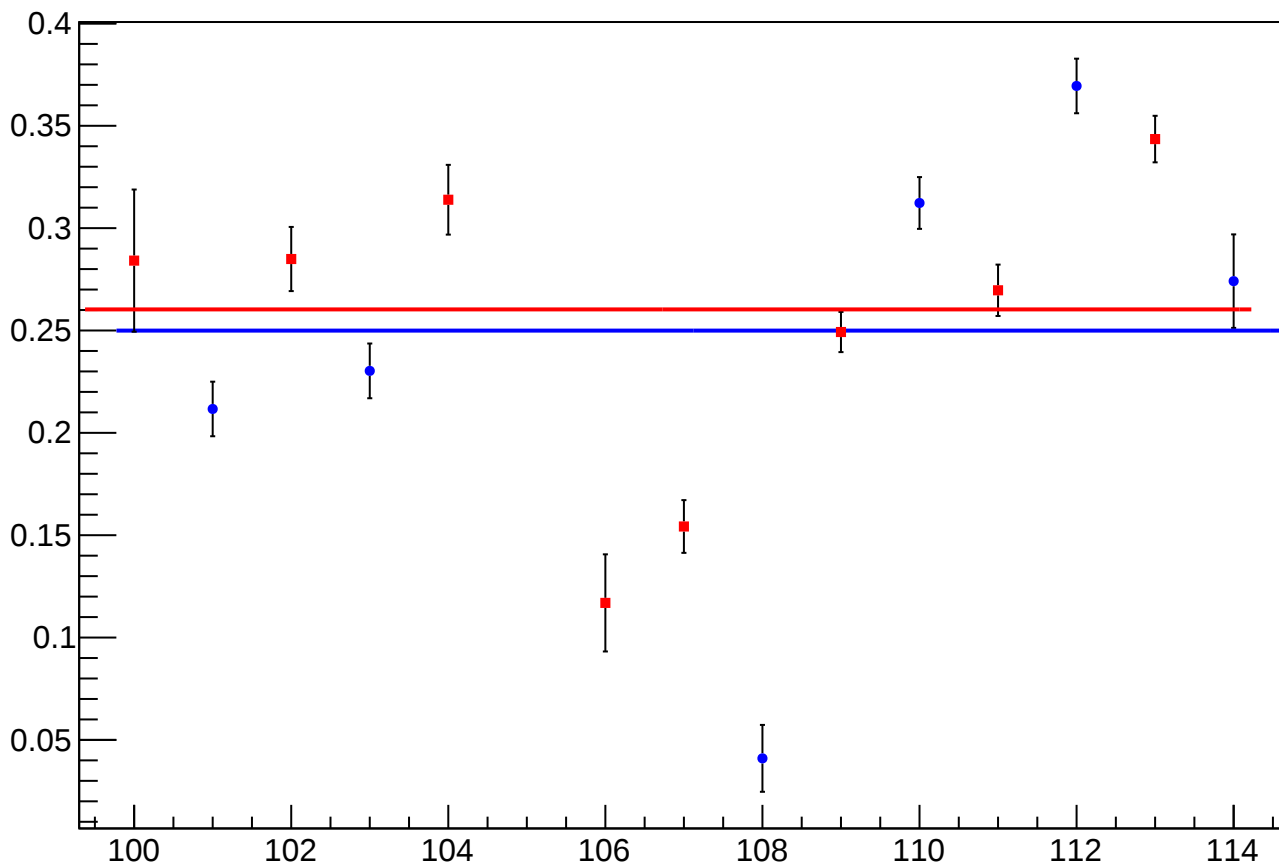
Right: -1.111+/-0.072 χ^2/NDF : 1589.6/13

In: -1.069+/-0.110 χ^2/NDF :586.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.111+/-0.072 χ^2/NDF : 1589.6/13

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.250+/-0.006 χ^2/NDF : 279.8/5

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

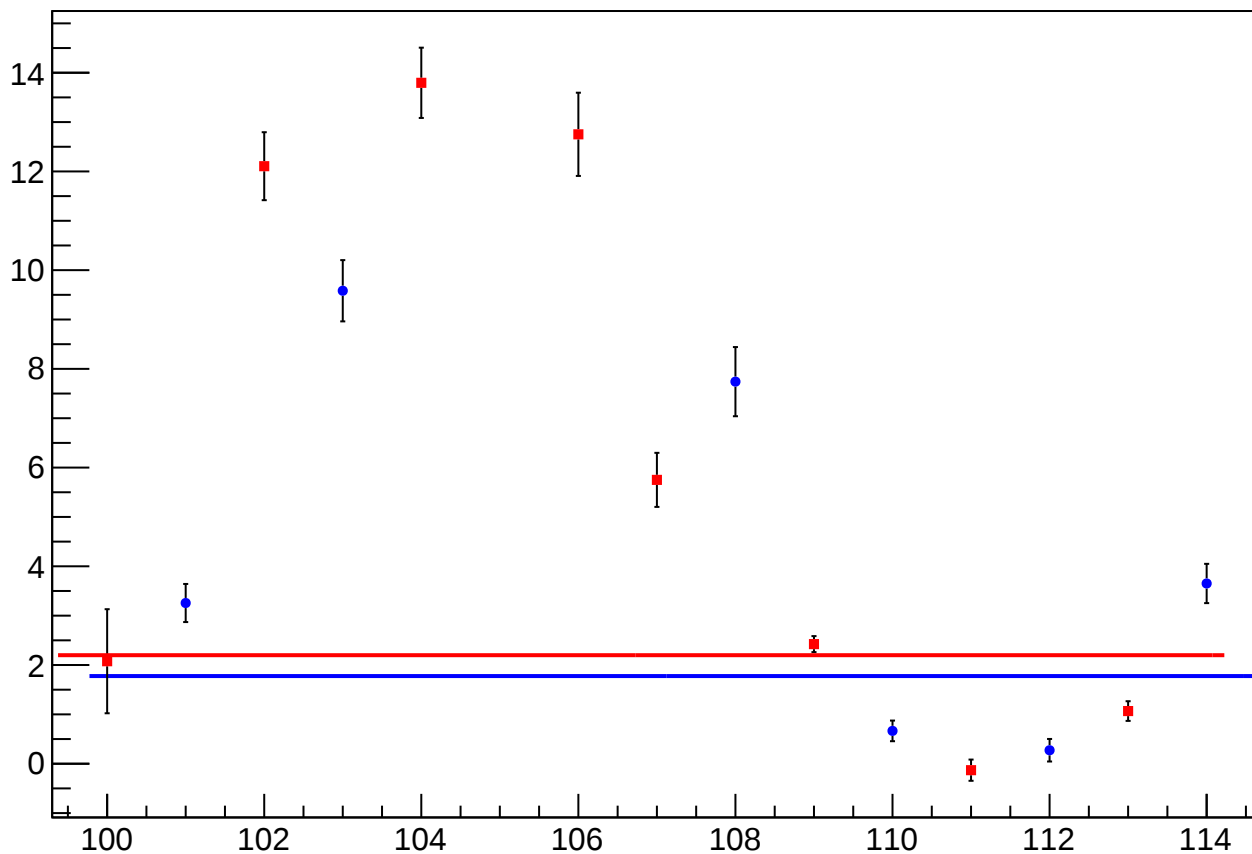
Right: 0.256+/-0.004 χ^2/NDF : 454.1/13

In: 0.250+/-0.006 χ^2/NDF : 279.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.256+/-0.004 χ^2/NDF : 454.1/13

reg_asym_bcm_an_us_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.776+/-0.129 χ^2/NDF : 339.1/5

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

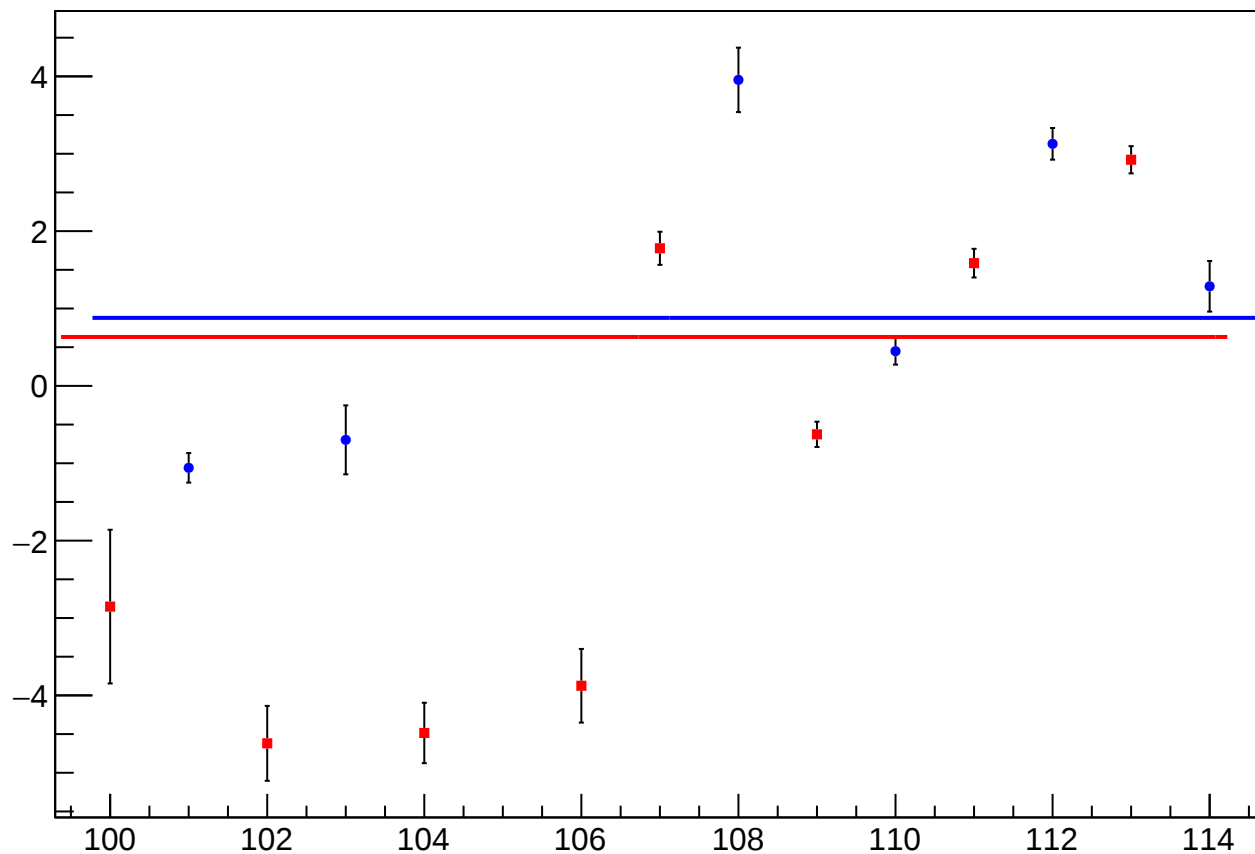
Right: 2.035+/-0.081 χ^2/NDF : 1168.3/13

In: 1.776+/-0.129 χ^2/NDF : 339.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.035+/-0.081 χ^2/NDF : 1168.3/13

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.879+/-0.098 χ^2/NDF : 299.0/5

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

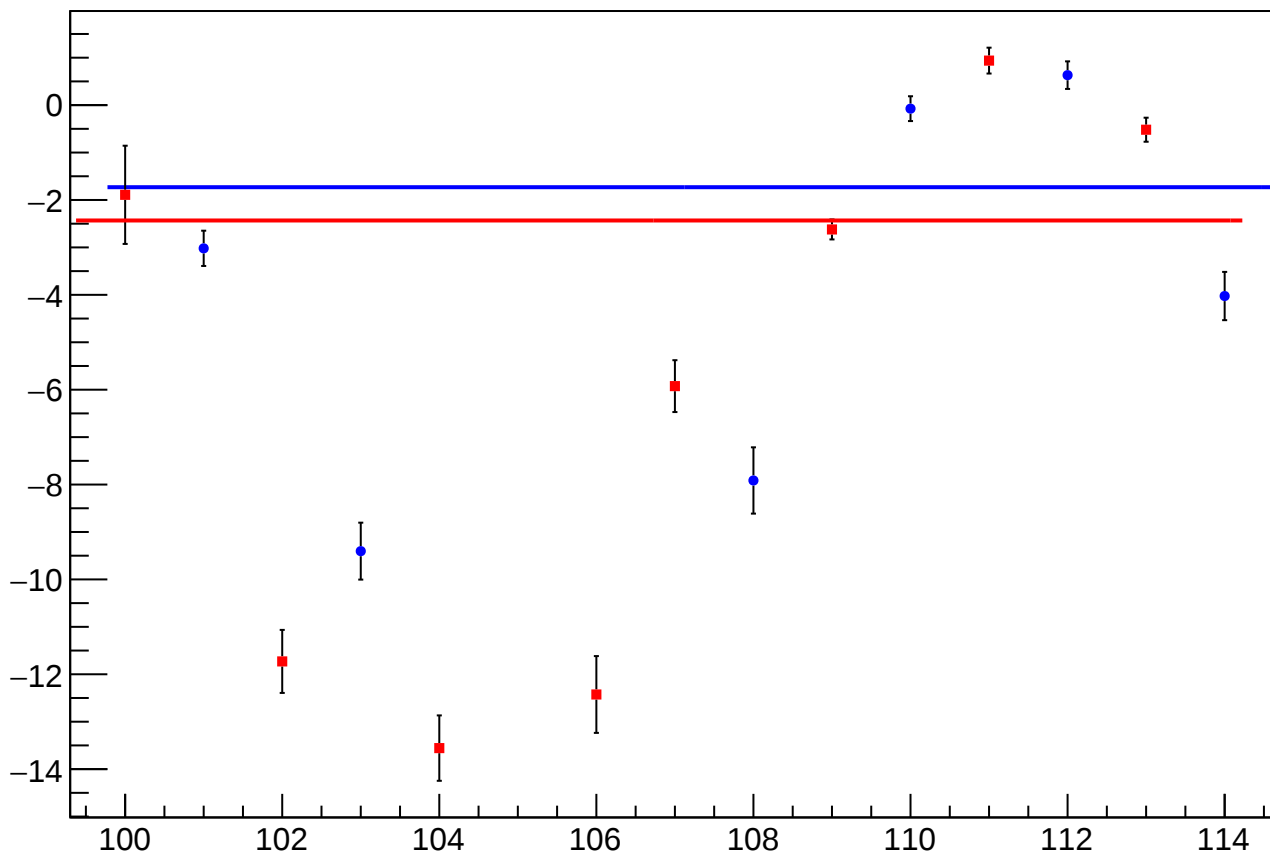
Right: 0.739+/-0.064 χ^2/NDF : 978.4/13

In: 0.879+/-0.098 χ^2/NDF : 299.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.739+/-0.064 χ^2/NDF : 978.4/13

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.731+/-0.154 χ^2/NDF : 380.1/5

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

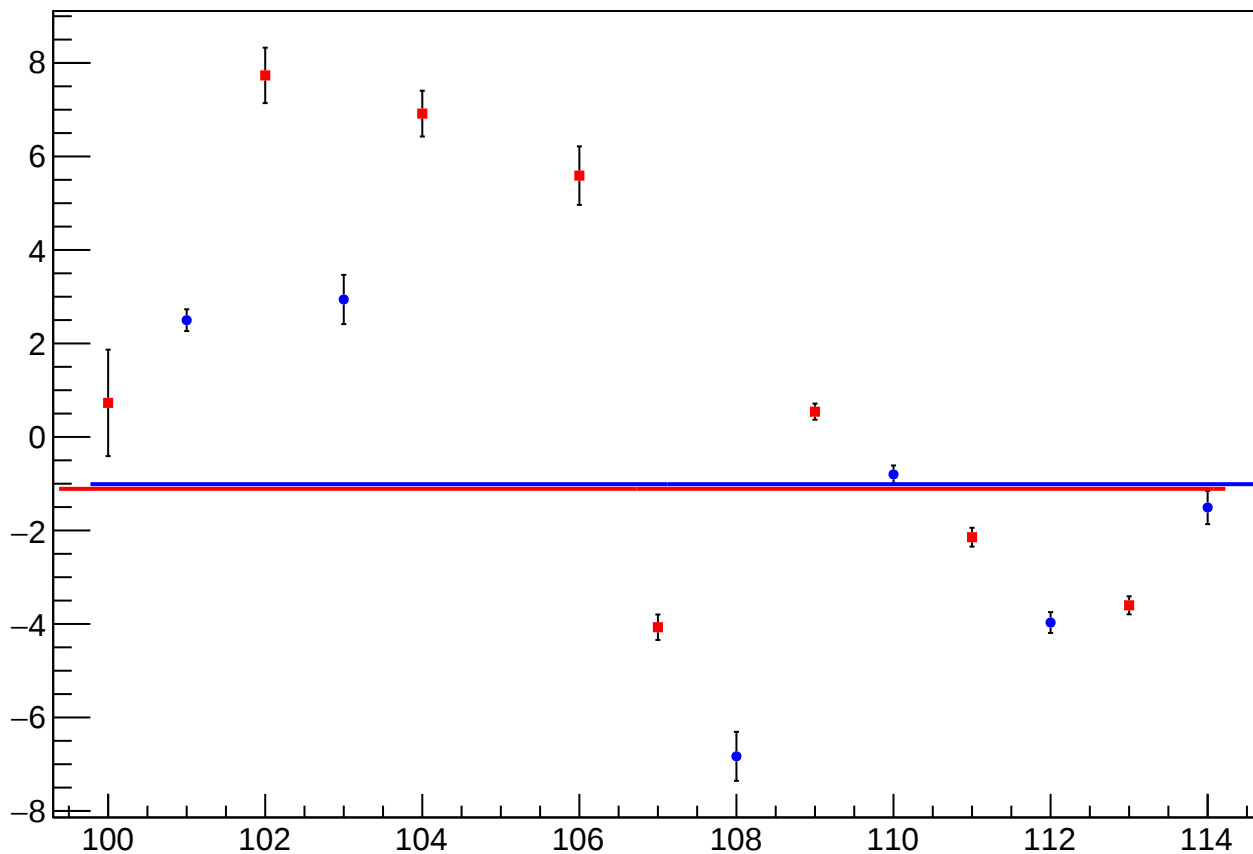
Right: -2.147+/-0.098 χ^2/NDF : 1252.8/13

In: -1.731+/-0.154 χ^2/NDF : 380.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.147+/-0.098 χ^2/NDF : 1252.8/13

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.010 $\pm$ 0.111 χ^2 /NDF: 584.9/5

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

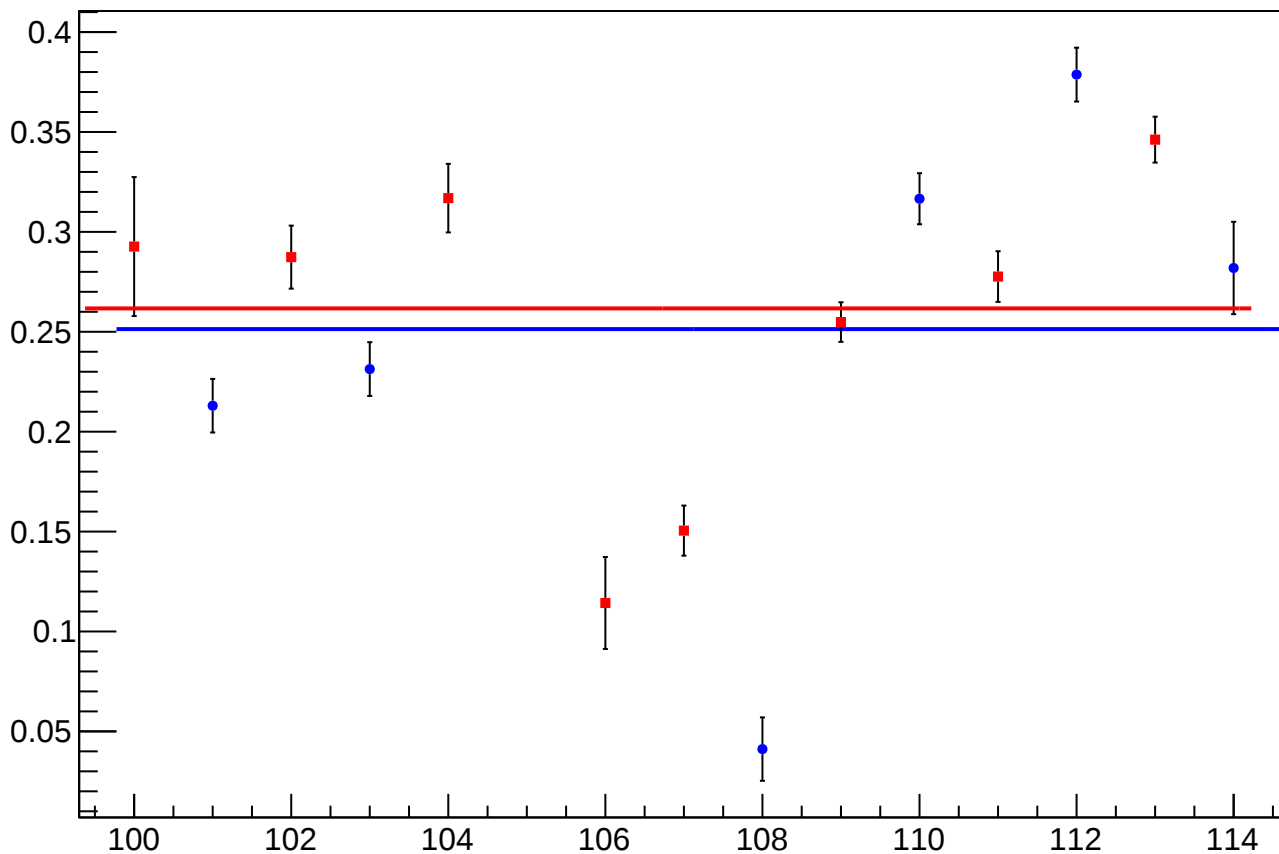
Right: -1.067 $\pm$ 0.073 χ^2 /NDF: 1596.2/13

In: -1.010 $\pm$ 0.111 χ^2 /NDF:584.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.067 $\pm$ 0.073 χ^2 /NDF: 1596.2/13

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.251+/-0.006 χ^2/NDF : 303.0/5

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

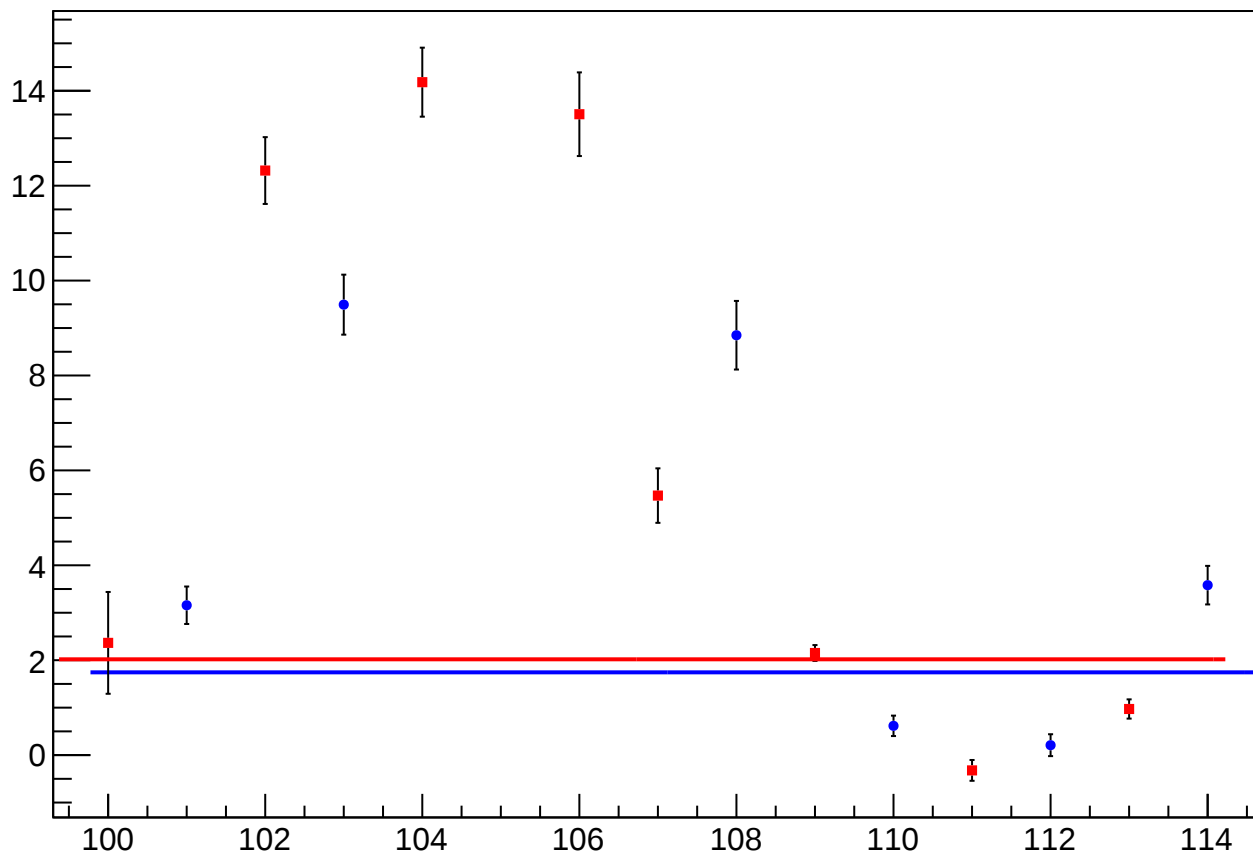
Right: 0.257+/-0.004 χ^2/NDF : 494.6/13

In: 0.251+/-0.006 χ^2/NDF : 303.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.257+/-0.004 χ^2/NDF : 494.6/13

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.744+/-0.132 χ^2/NDF : 351.8/5

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

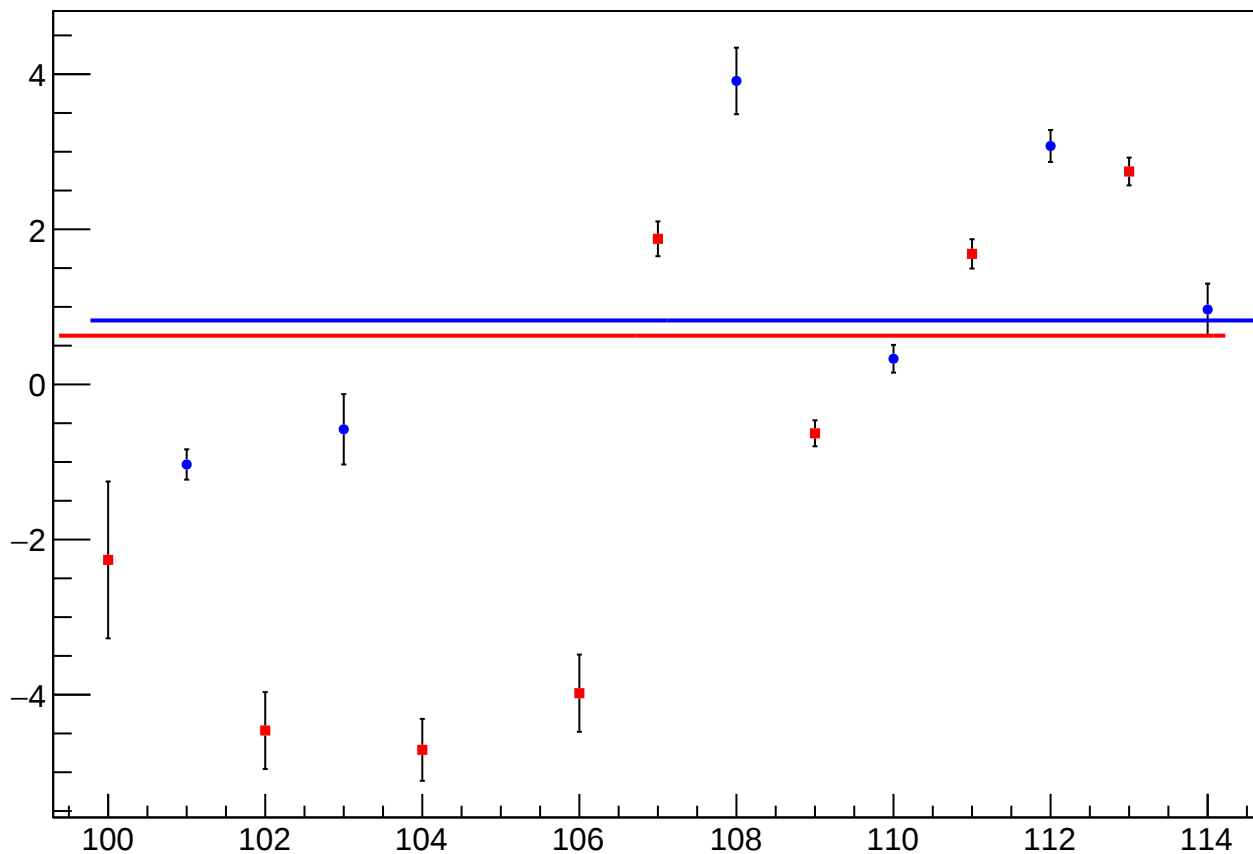
Right: 1.912+/-0.082 χ^2/NDF : 1195.5/13

In: 1.744+/-0.132 χ^2/NDF : 351.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.912+/-0.082 χ^2/NDF : 1195.5/13

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.825+/-0.100 χ^2/NDF : 278.5/5

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

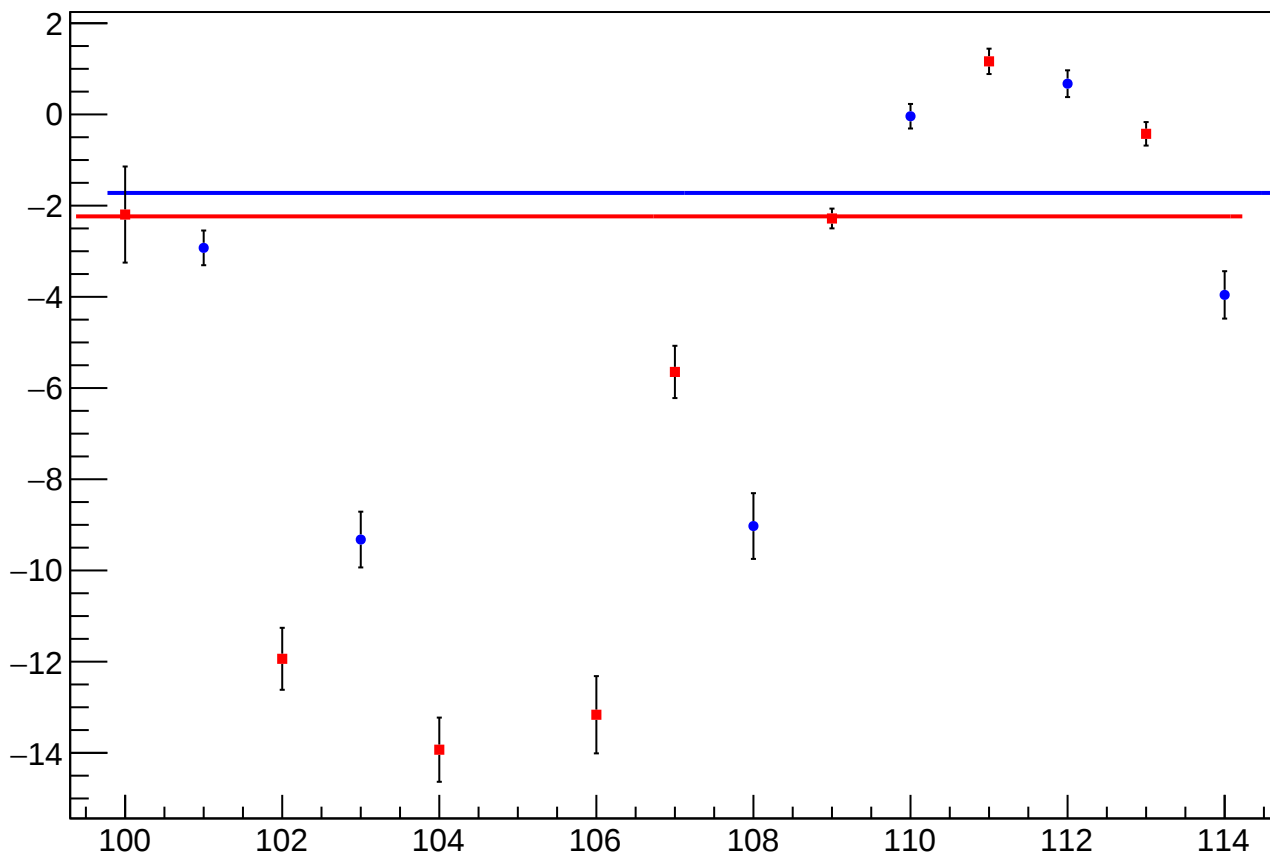
Right: 0.714+/-0.066 χ^2/NDF : 917.2/13

In: 0.825+/-0.100 χ^2/NDF : 278.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.714+/-0.066 χ^2/NDF : 917.2/13

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.722 $\pm$ 0.157 χ^2 /NDF: 391.3/5

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

Right Out: -2.236 $\pm$ 0.130 χ^2 /NDF: 880.5/7

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

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

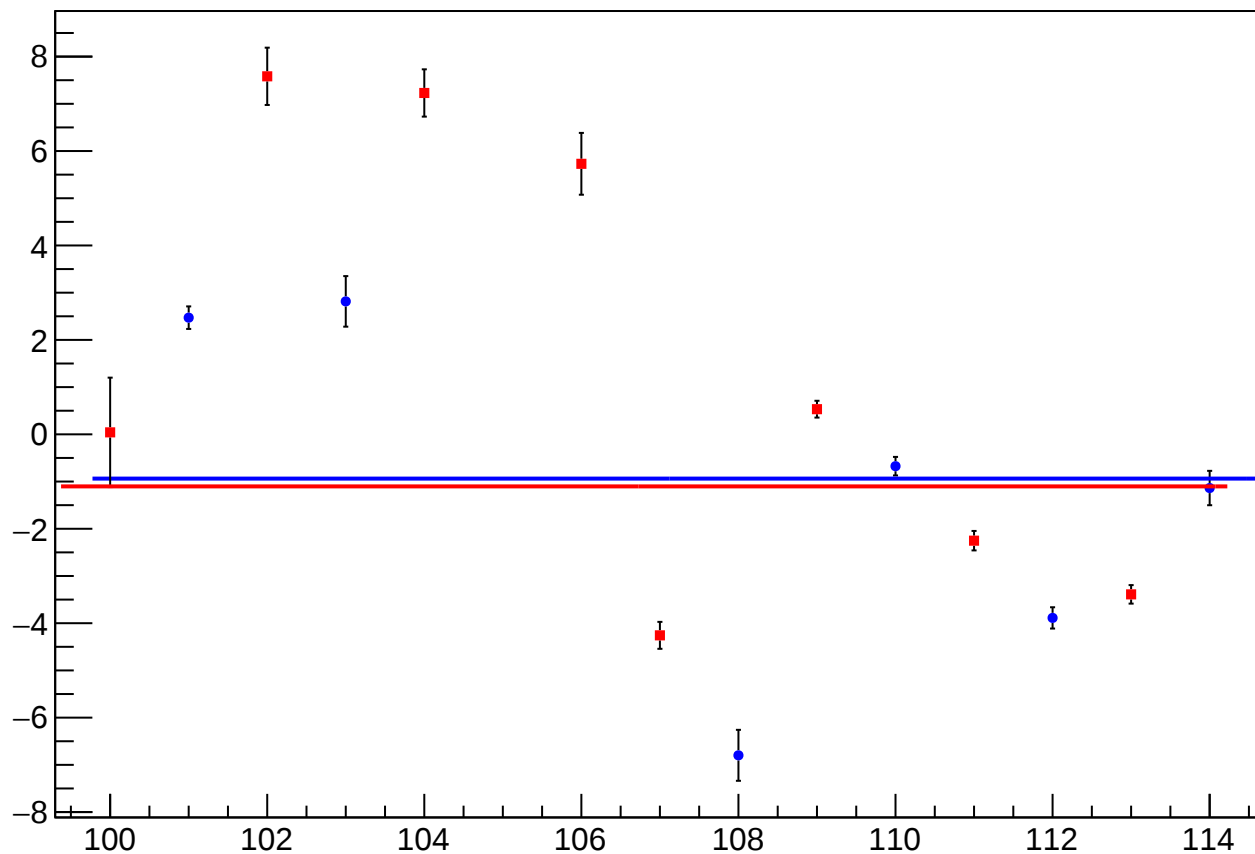
Right: -2.026 $\pm$ 0.100 χ^2 /NDF: 1278.1/13

In: -1.722 $\pm$ 0.157 χ^2 /NDF:391.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.026 $\pm$ 0.100 χ^2 /NDF: 1278.1/13

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.937 ± 0.114 χ^2/NDF : 544.2/5

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

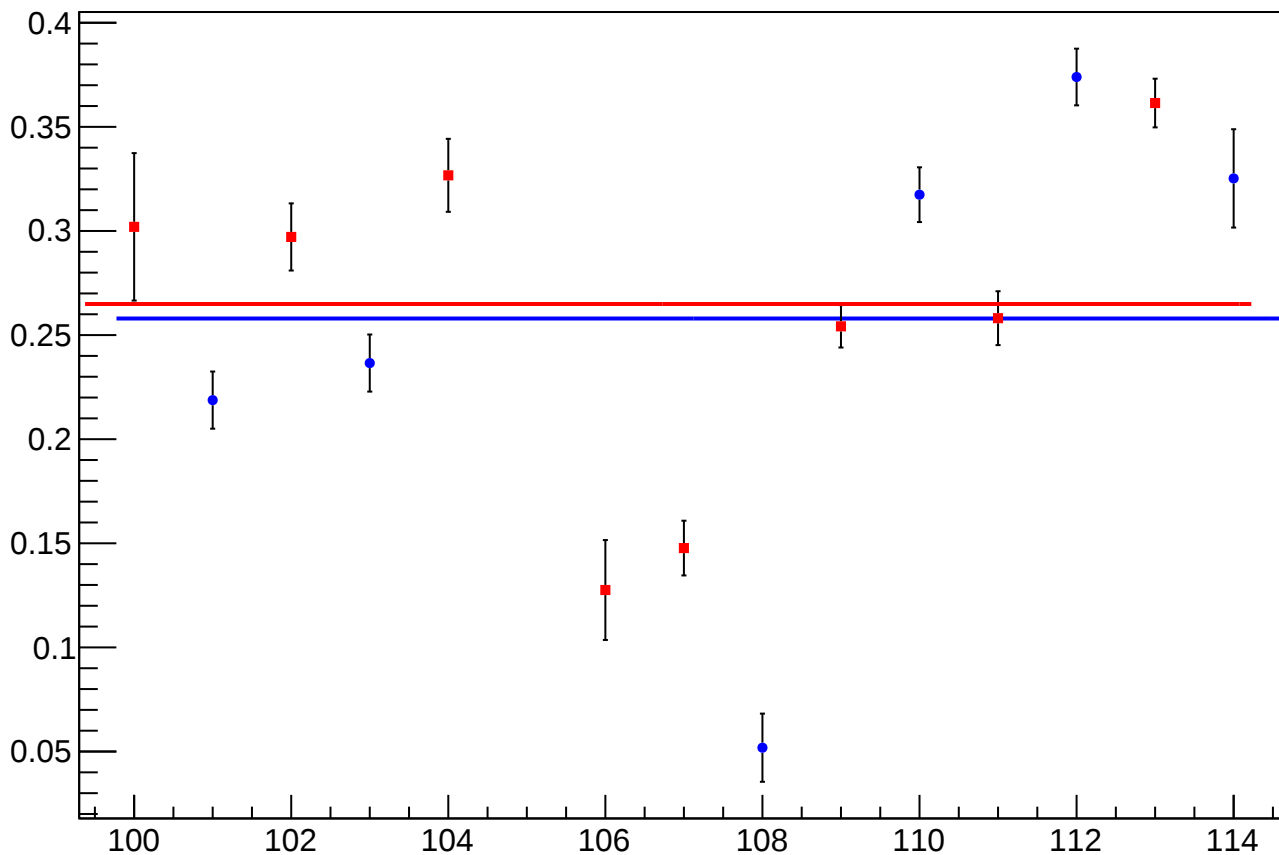
Right: -1.032 ± 0.074 χ^2/NDF : 1510.9/13

In: -0.937 ± 0.114 χ^2/NDF : 544.2/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.032 ± 0.074 χ^2/NDF : 1510.9/13

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.258+/-0.006 χ^2/NDF : 270.2/5

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

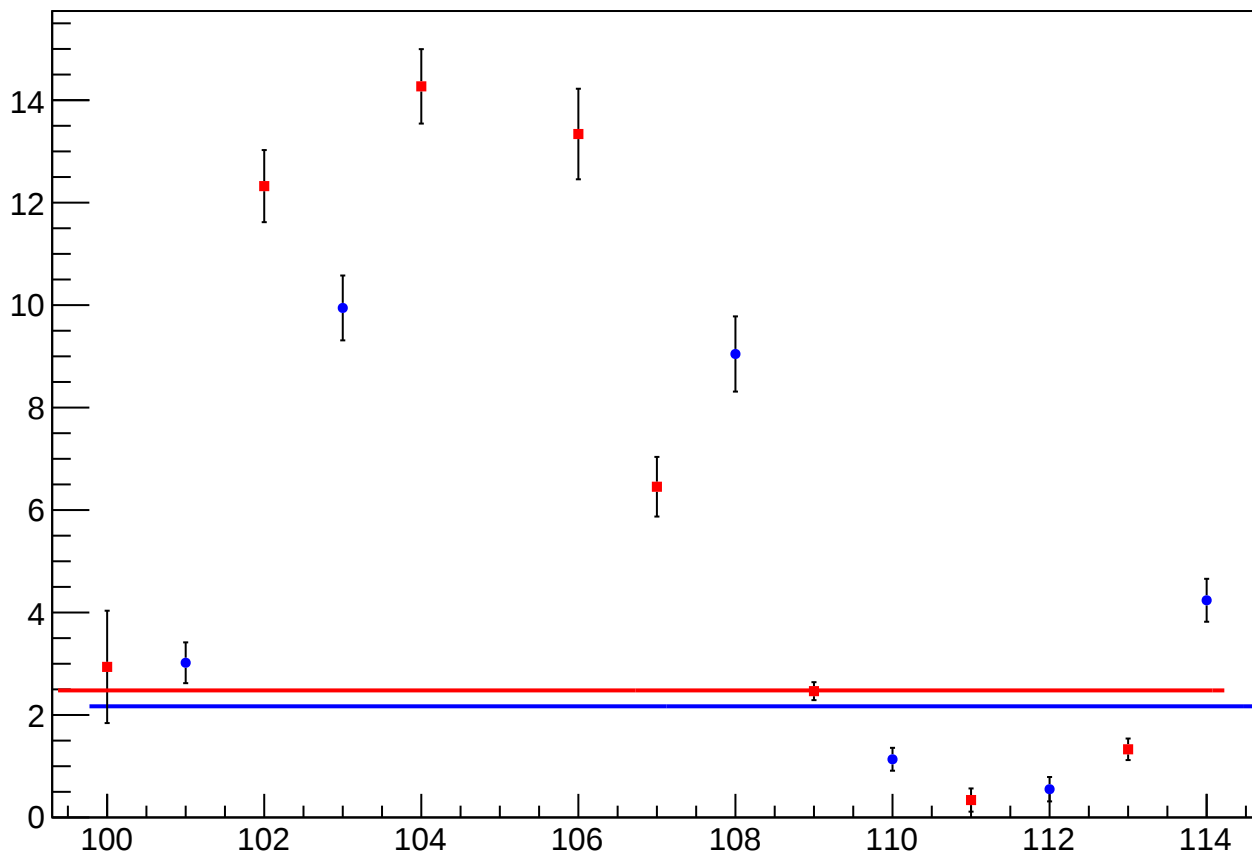
Right: 0.262+/-0.004 χ^2/NDF : 470.4/13

In: 0.258+/-0.006 χ^2/NDF : 270.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.262+/-0.004 χ^2/NDF : 470.4/13

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 2.169+/-0.136 χ^2/NDF : 335.3/5

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

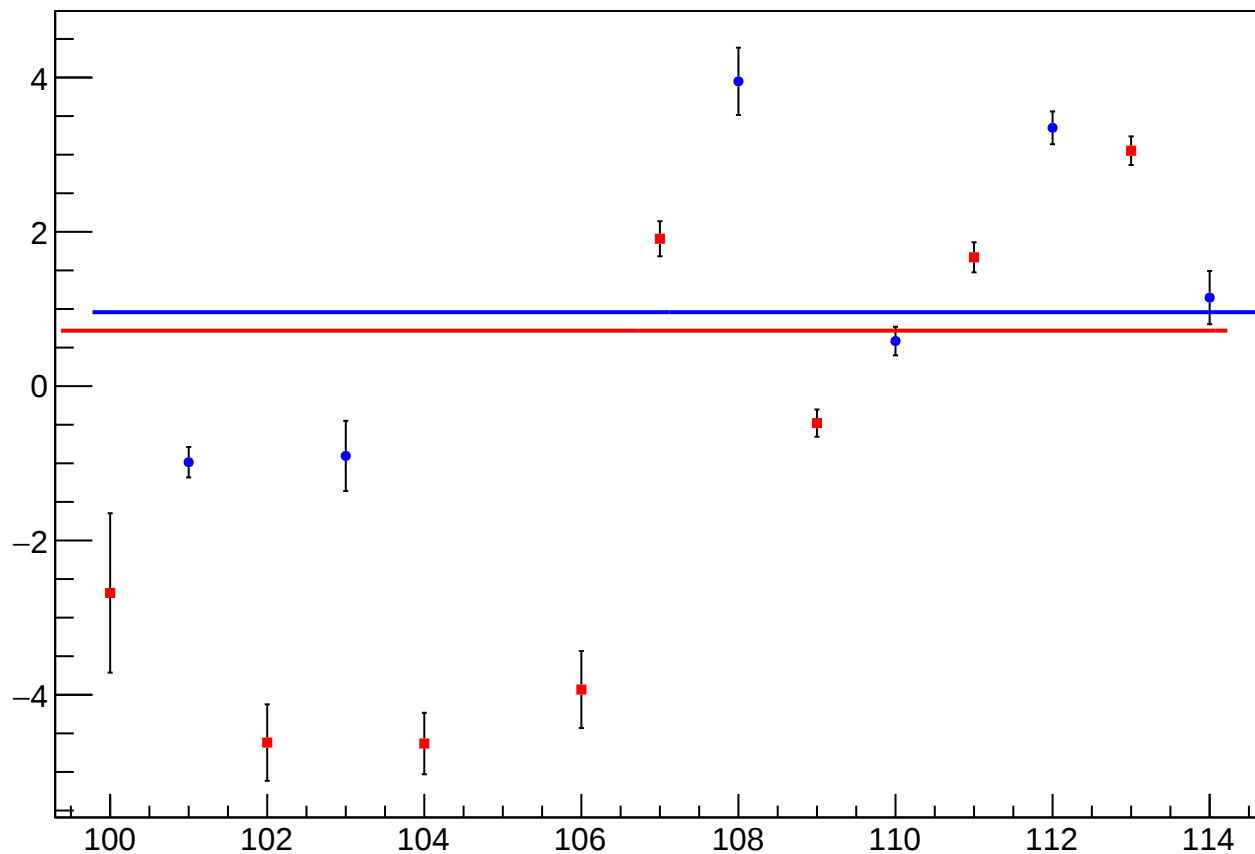
Right: 2.358+/-0.085 χ^2/NDF : 1114.6/13

In: 2.169+/-0.136 χ^2/NDF : 335.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.358+/-0.085 χ^2/NDF : 1114.6/13

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.959+/-0.102 χ^2/NDF : 291.8/5

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

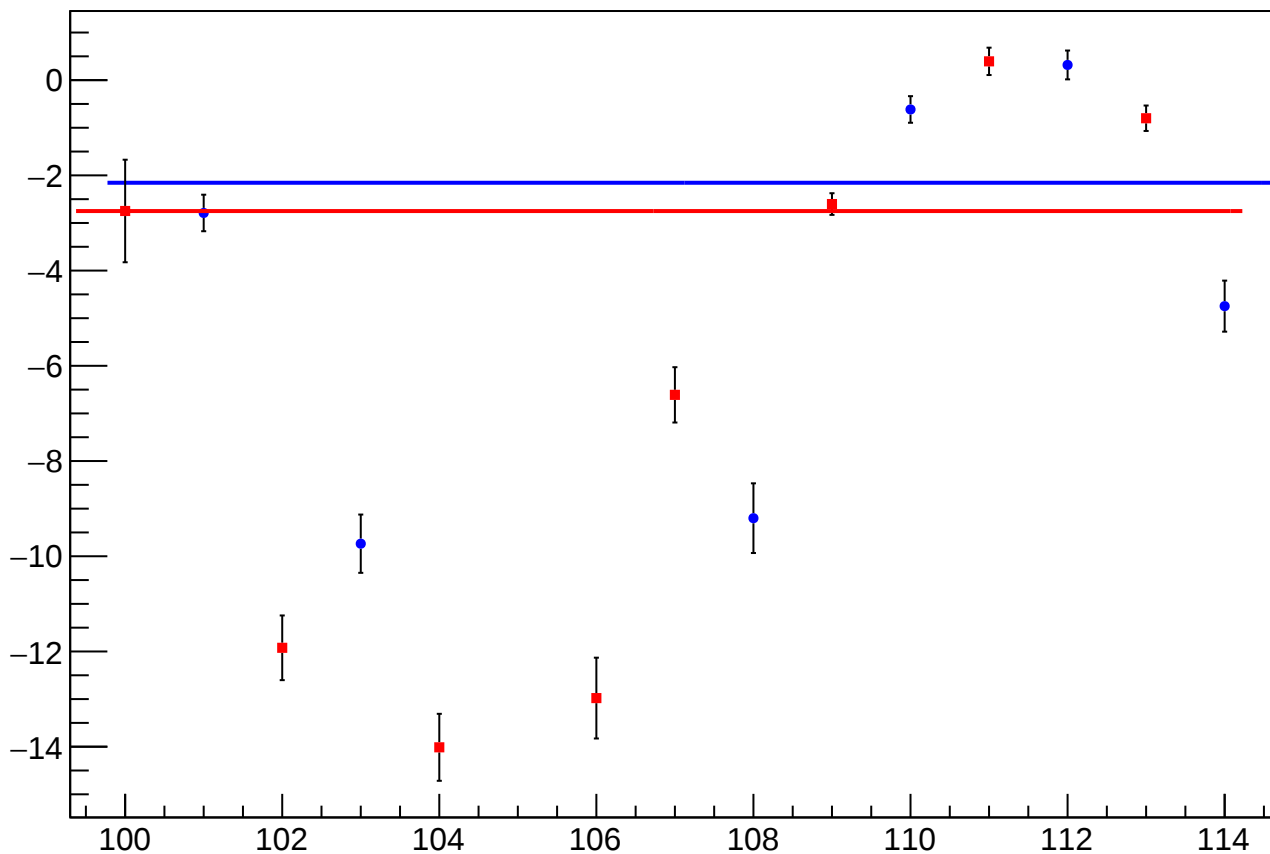
Right: 0.824+/-0.068 χ^2/NDF : 944.4/13

In: 0.959+/-0.102 χ^2/NDF : 291.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.824+/-0.068 χ^2/NDF : 944.4/13

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.155+/-0.161 χ^2/NDF : 369.3/5

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

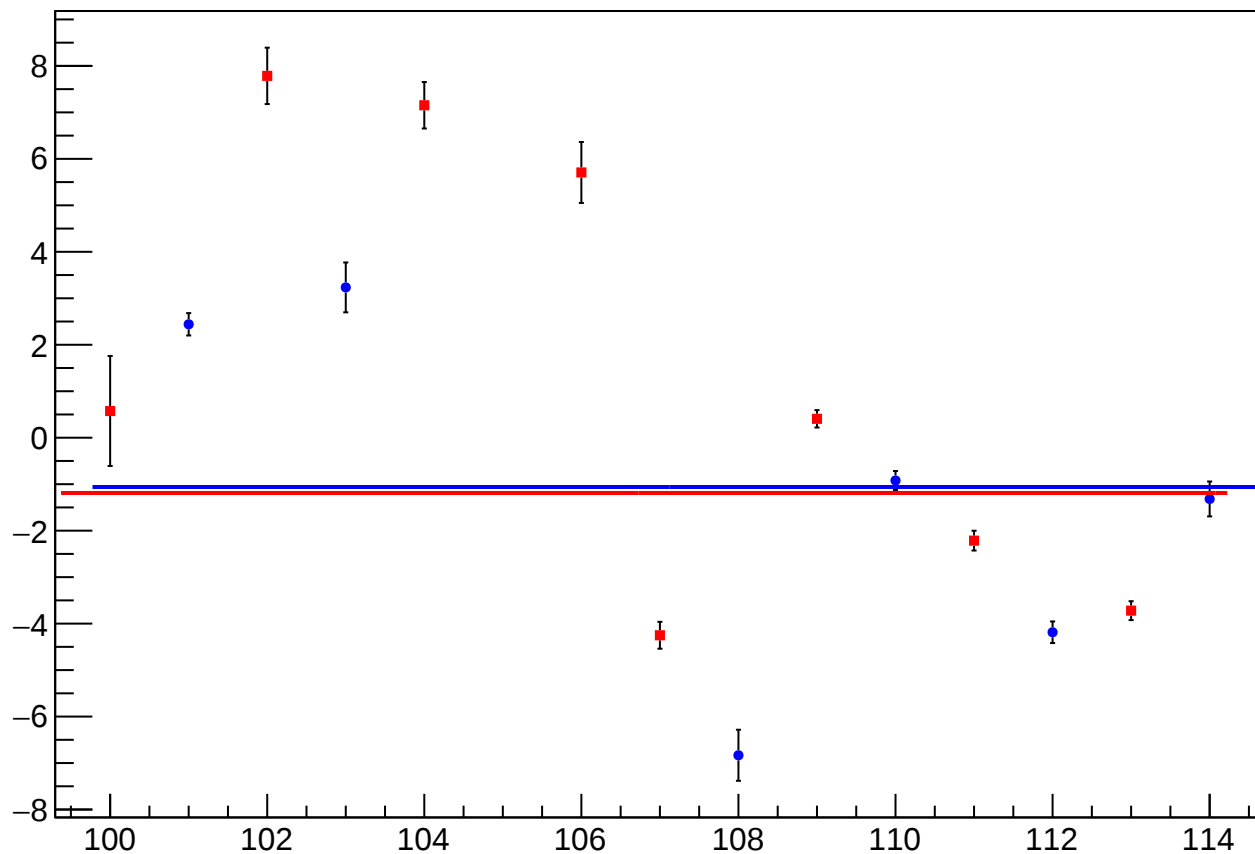
Right: -2.504+/-0.103 χ^2/NDF : 1179.1/13

In: -2.155+/-0.161 χ^2/NDF : 369.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.504+/-0.103 χ^2/NDF : 1179.1/13

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.061+/-0.116 χ^2/NDF : 567.9/5

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

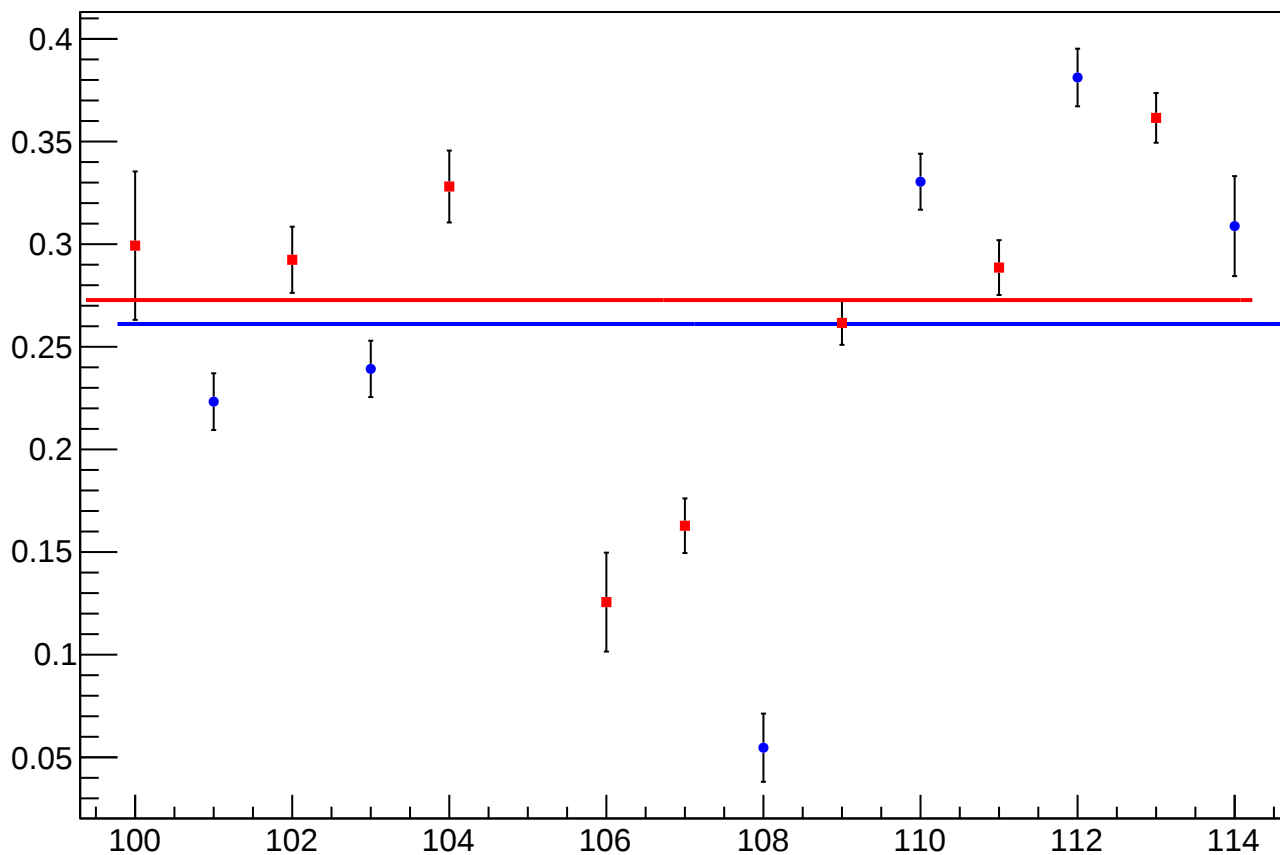
Right: -1.133+/-0.077 χ^2/NDF : 1542.0/13

In: -1.061+/-0.116 χ^2/NDF :567.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.133+/-0.077 χ^2/NDF : 1542.0/13

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.261 $\pm$ 0.006 χ^2 /NDF: 267.4/5

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: 443.1/13

In: 0.261 $\pm$ 0.006 χ^2 /NDF:267.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.268 $\pm$ 0.004 χ^2 /NDF: 443.1/13