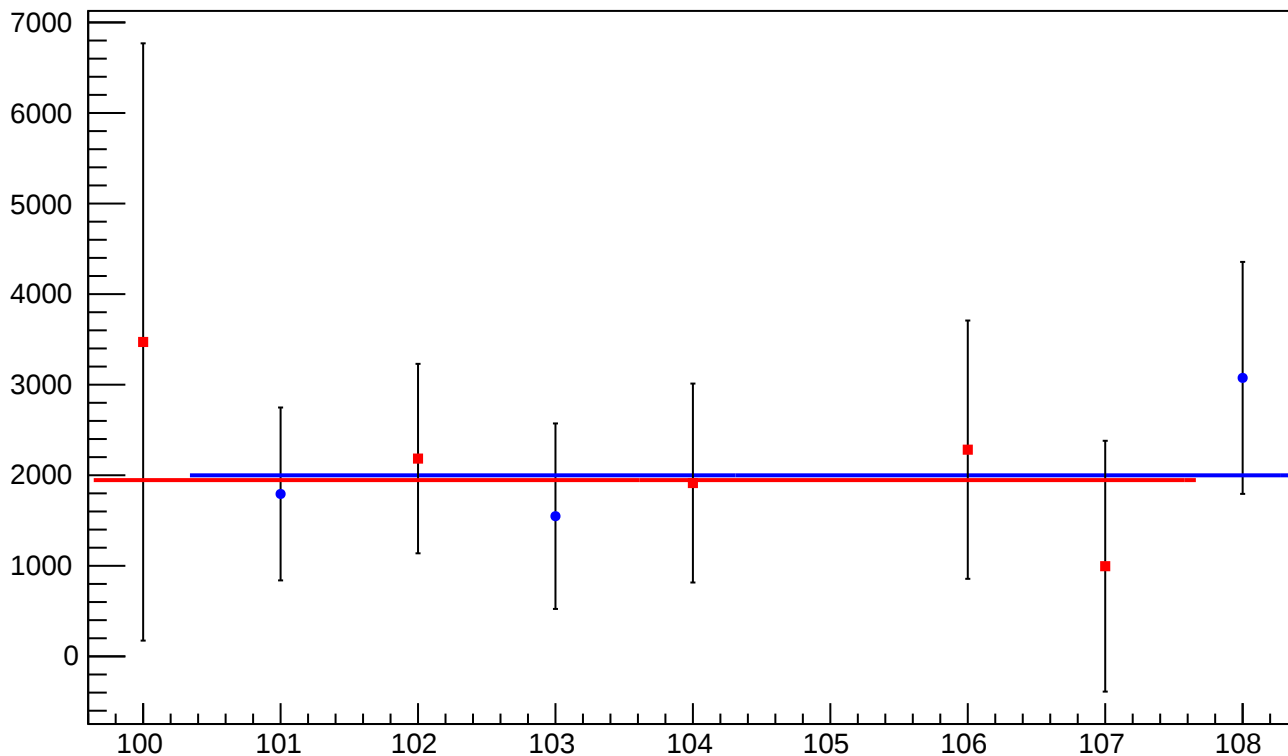


reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 1999.187+/-613.064 χ^2/NDF : 0.9/2

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

Right Out: 1946.427+/-592.520 χ^2/NDF : 0.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

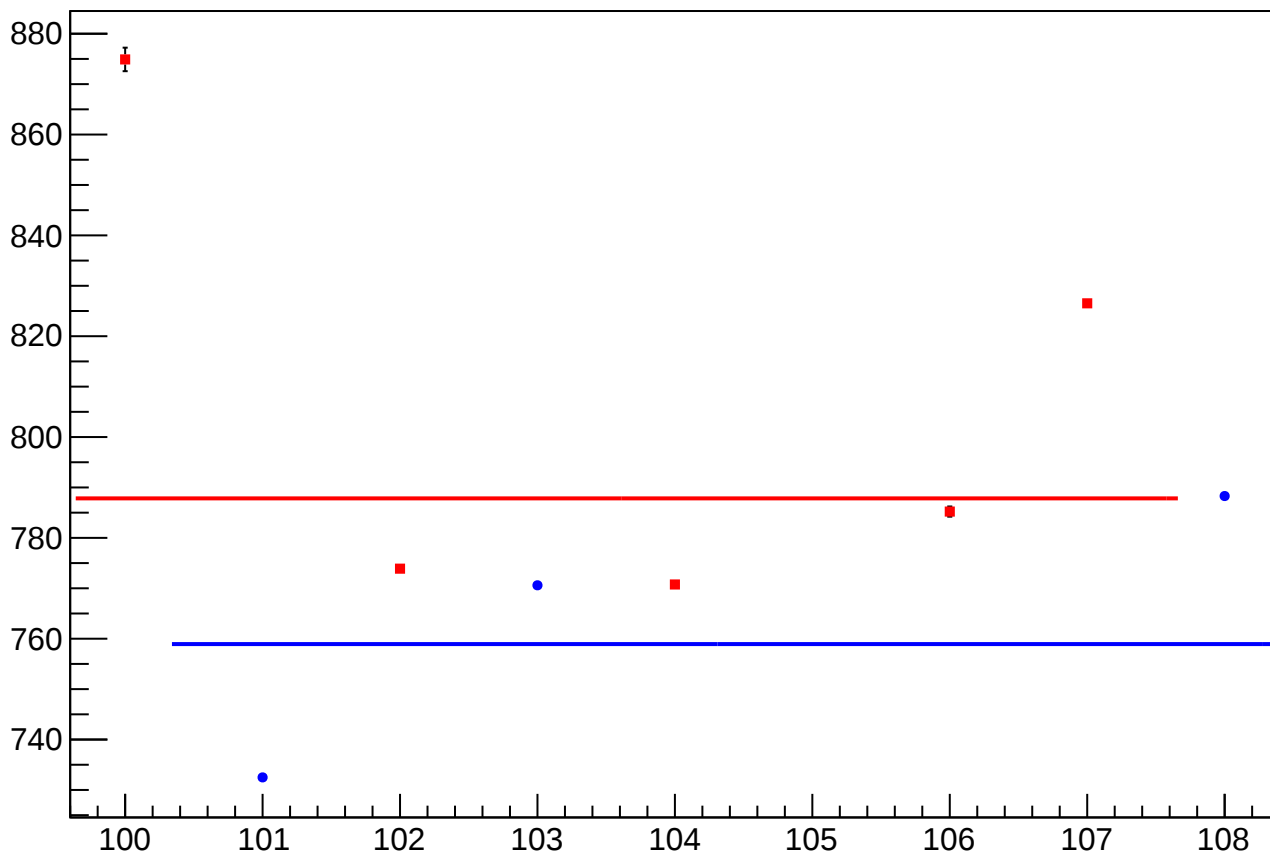
Right: 1971.908+/-426.053 χ^2/NDF : 1.7/7

In: 1999.187+/-613.064 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1971.908+/-426.053 χ^2/NDF : 1.7/7

reg_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 758.935 $\pm$ 0.434 χ^2 /NDF: 2845.4/2

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

Right Out: 787.833 $\pm$ 0.419 χ^2 /NDF: 3801.3/4

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

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

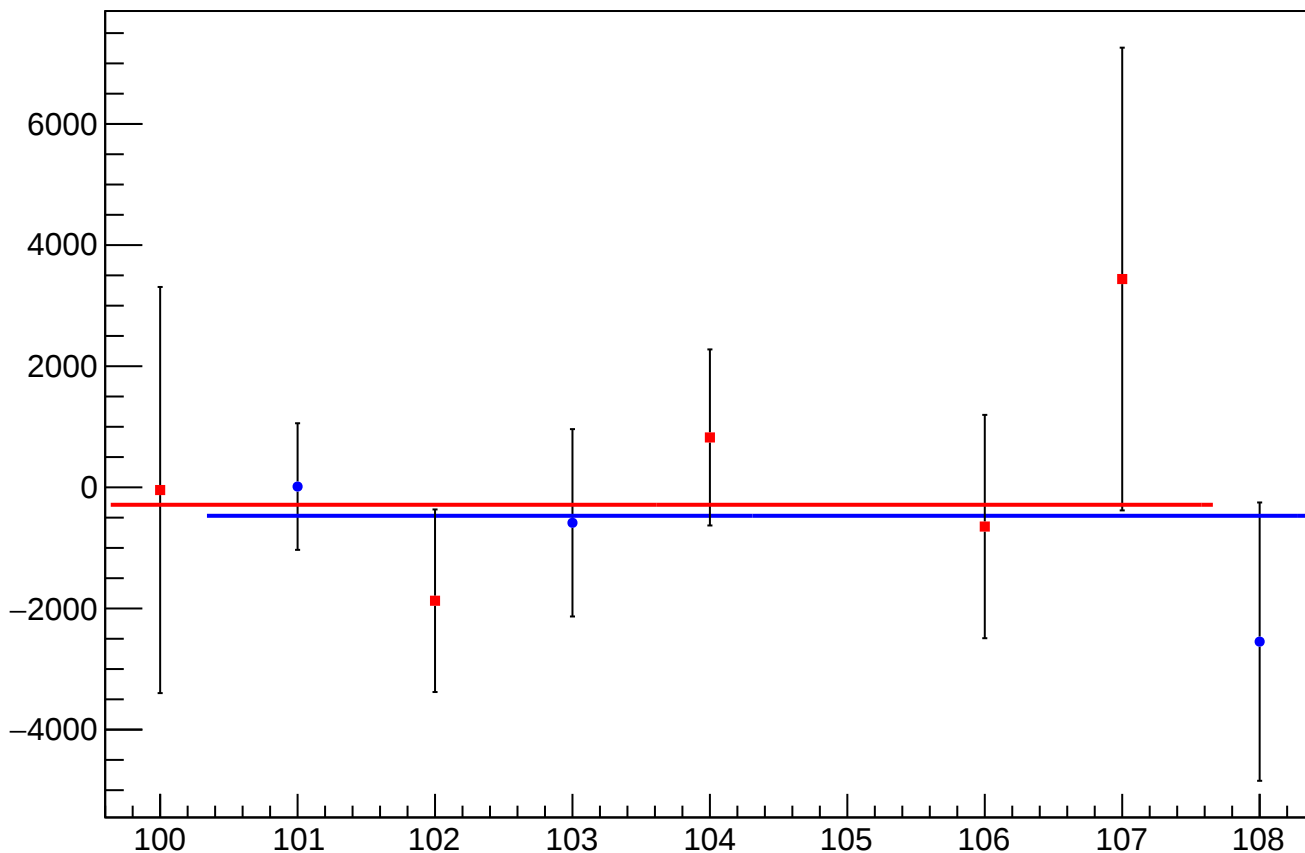
Right: 773.876 $\pm$ 0.301 χ^2 /NDF: 8944.4/7

In: 758.935 $\pm$ 0.434 χ^2 /NDF:2845.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 773.876 $\pm$ 0.301 χ^2 /NDF: 8944.4/7

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -469.606+/-810.374 χ^2/NDF : 1.0/2

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

Right Out: -287.684+/-855.868 χ^2/NDF : 2.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

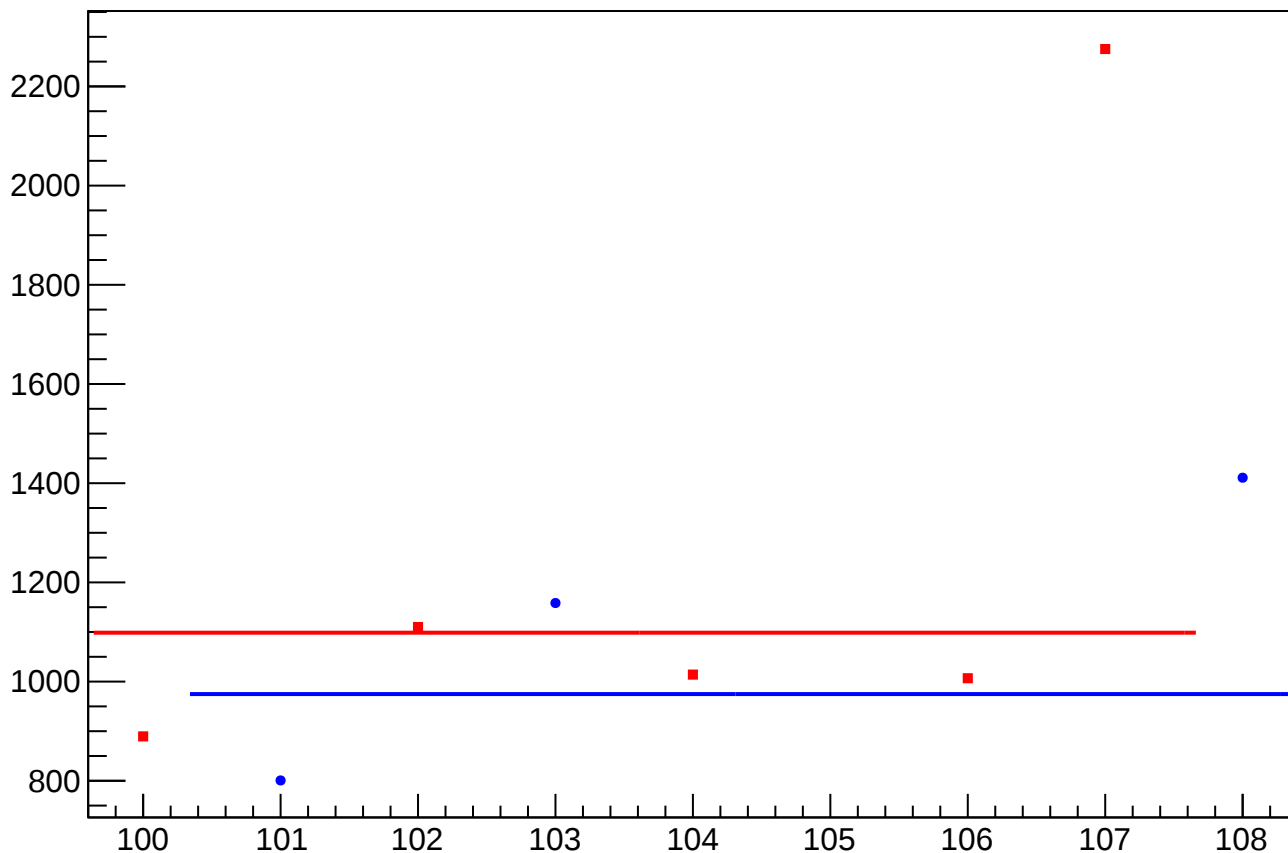
Right: -383.608+/-588.447 χ^2/NDF : 3.7/7

In: -469.606+/-810.374 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -383.608+/-588.447 χ^2/NDF : 3.7/7

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 974.820+/-0.573 χ^2/NDF : 155763.7/2

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

Right Out: 1098.621+/-0.605 χ^2/NDF : 209415.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

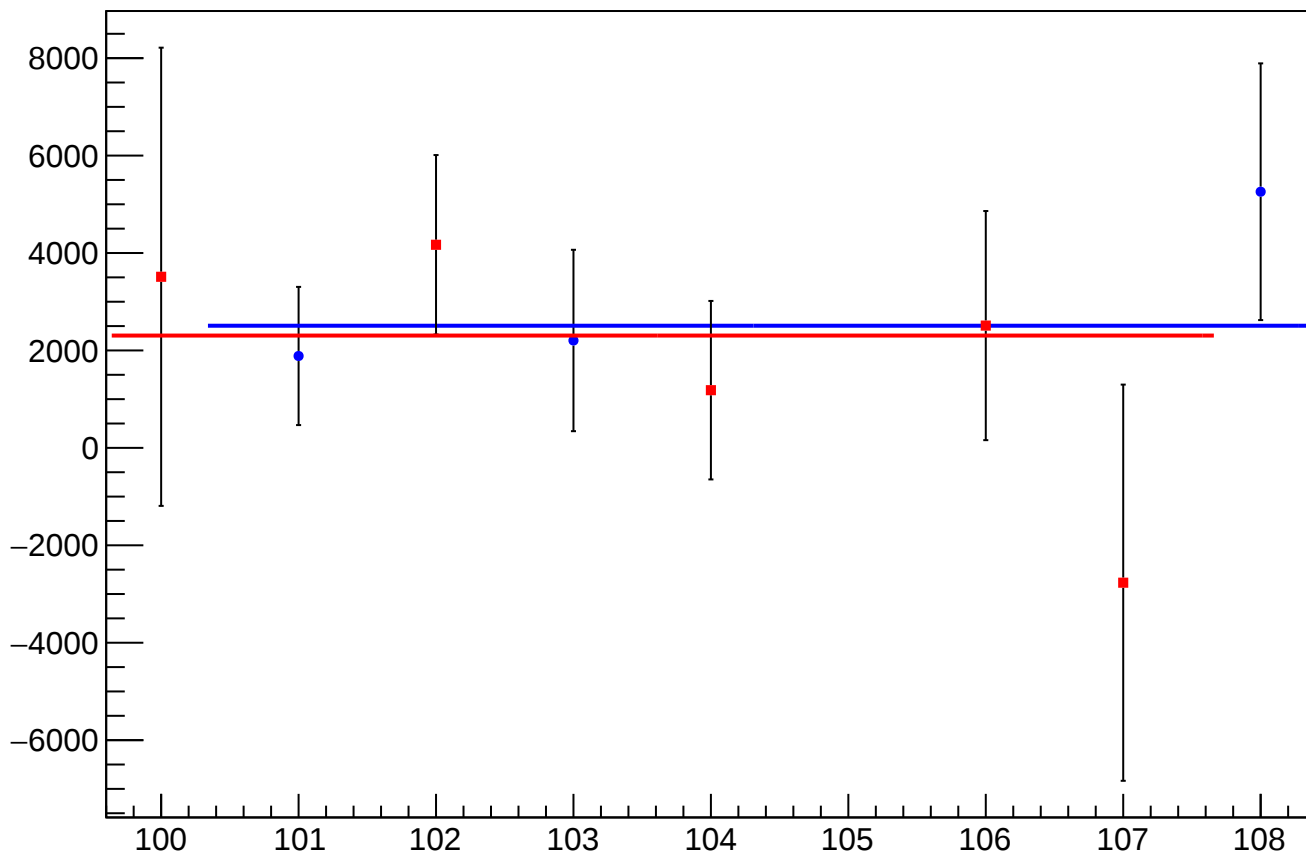
Right: 1033.343+/-0.416 χ^2/NDF : 387244.9/7

In: 974.820+/-0.573 χ^2/NDF : 155763.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1033.343+/-0.416 χ^2/NDF : 387244.9/7

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2507.446 $\pm$ 1037.138 χ^2 /NDF: 1.3/2

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

Right Out: 2305.522 $\pm$ 1066.456 χ^2 /NDF: 3.0/4

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

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

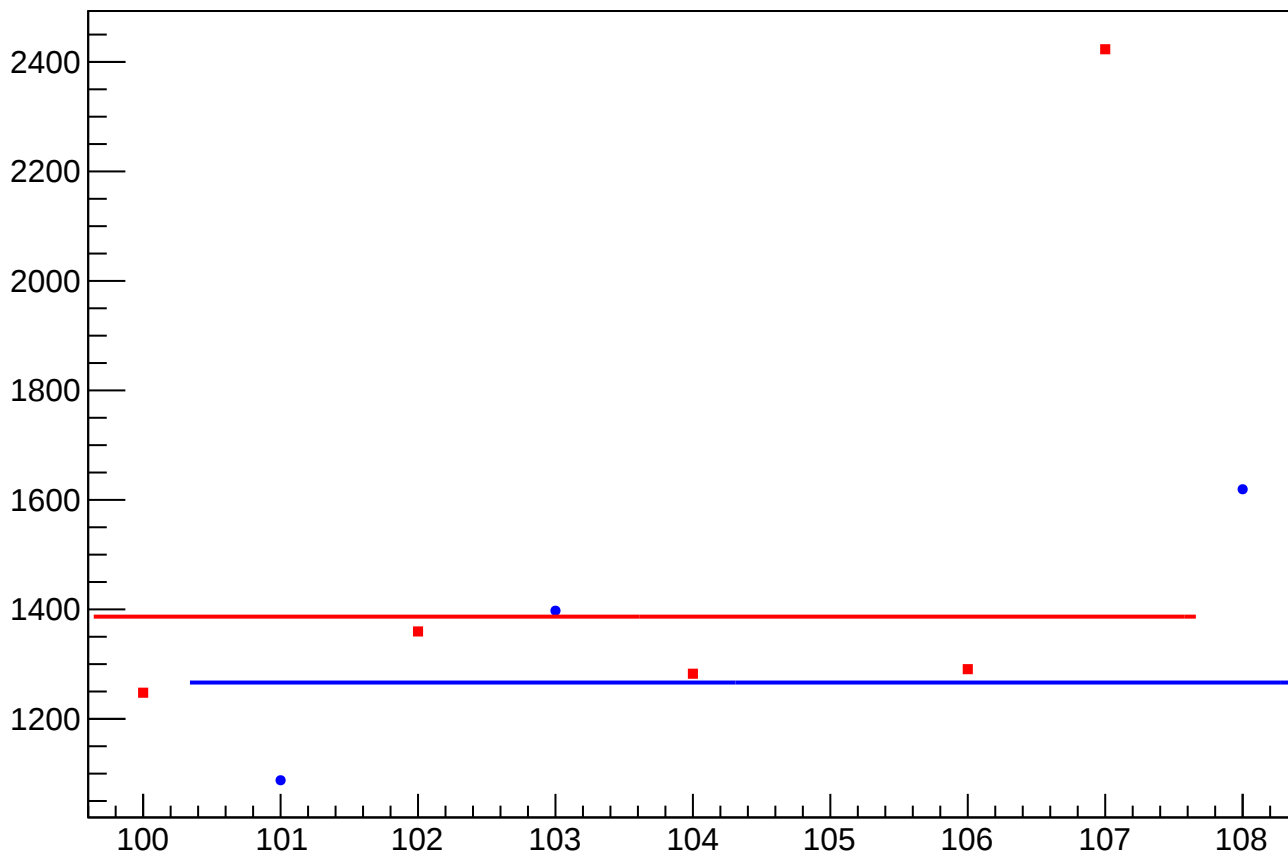
Right: 2409.298 $\pm$ 743.516 χ^2 /NDF: 4.4/7

In: 2507.446 $\pm$ 1037.138 χ^2 /NDF: 1.3/2

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

All: 2409.298 $\pm$ 743.516 χ^2 /NDF: 4.4/7

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1266.377+/-0.733 χ^2/NDF : 77531.2/2

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

Right Out: 1386.753+/-0.754 χ^2/NDF : 141913.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

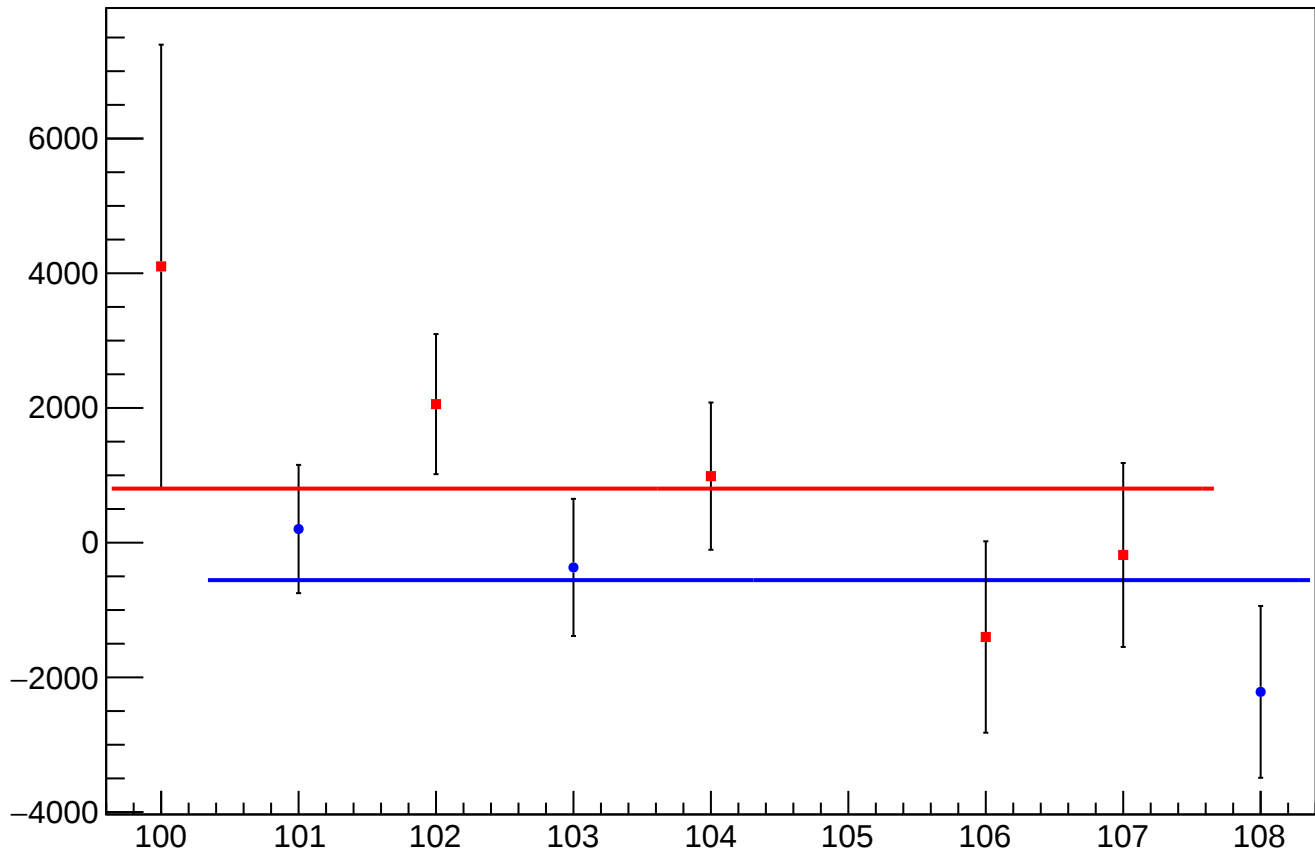
Right: 1324.888+/-0.526 χ^2/NDF : 232540.4/7

In: 1266.377+/-0.733 χ^2/NDF : 77531.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1324.888+/-0.526 χ^2/NDF : 232540.4/7

reg_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -556.151+/-610.576 χ^2/NDF : 2.4/2

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

Right Out: 802.763+/-588.699 χ^2/NDF : 5.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

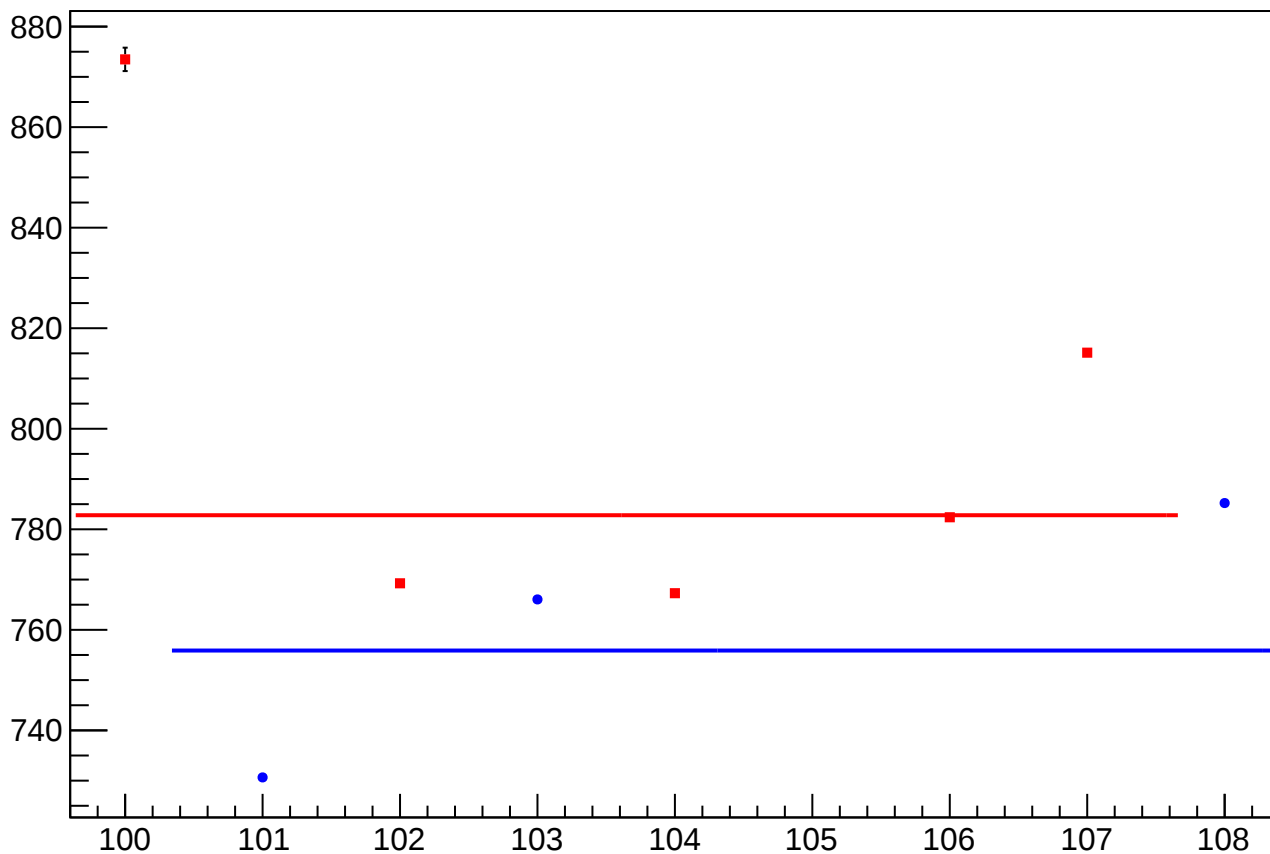
Right: 148.086+/-423.796 χ^2/NDF : 10.3/7

In: -556.151+/-610.576 χ^2/NDF : 2.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.086+/-423.796 χ^2/NDF : 10.3/7

reg_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 755.882 $\pm$ 0.432 χ^2 /NDF: 2662.6/2

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

Right Out: 782.800 $\pm$ 0.416 χ^2 /NDF: 3380.7/4

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

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

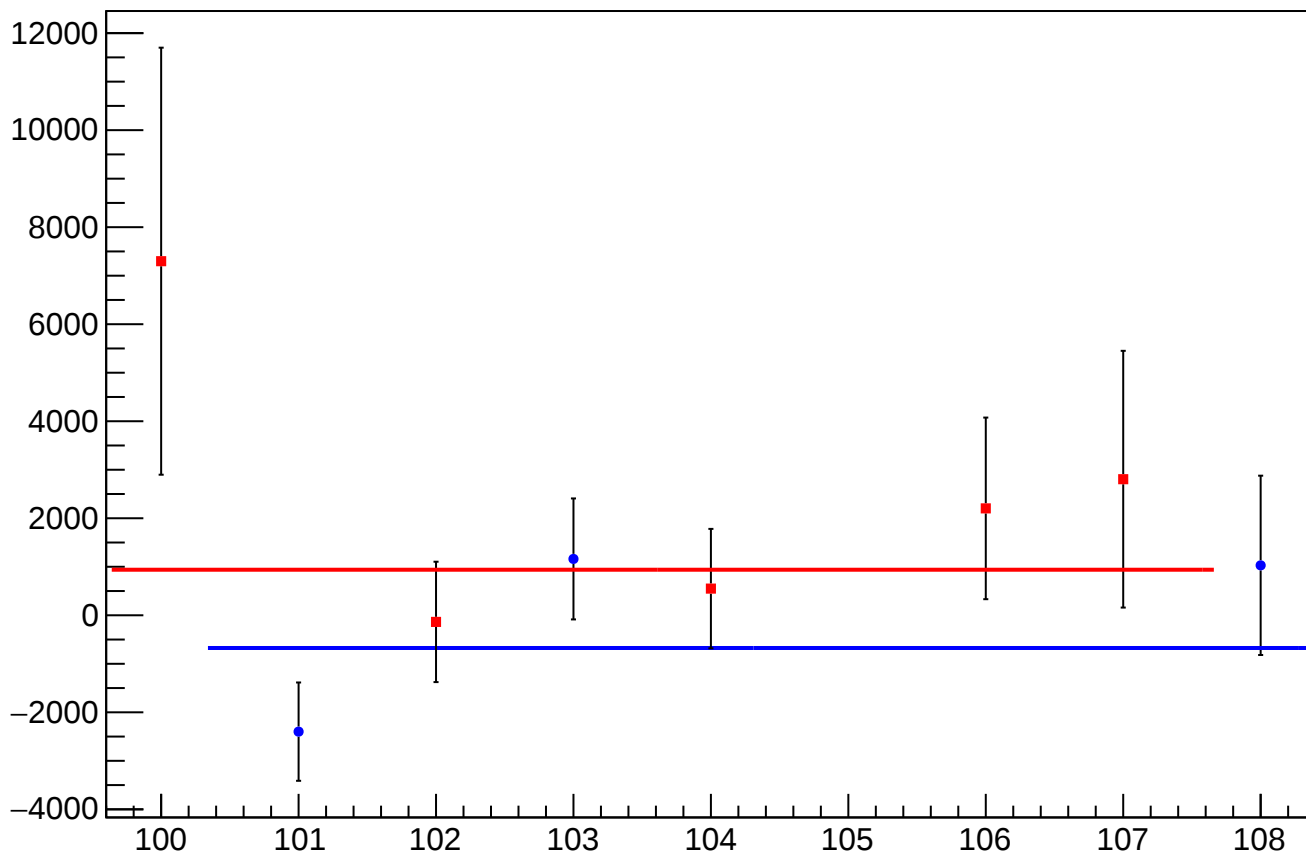
Right: 769.832 $\pm$ 0.300 χ^2 /NDF: 8057.7/7

In: 755.882 $\pm$ 0.432 χ^2 /NDF:2662.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 769.832 $\pm$ 0.300 χ^2 /NDF: 8057.7/7

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -674.205+/-723.594 χ^2/NDF : 5.9/2

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

Right Out: 939.071+/-747.495 χ^2/NDF : 3.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

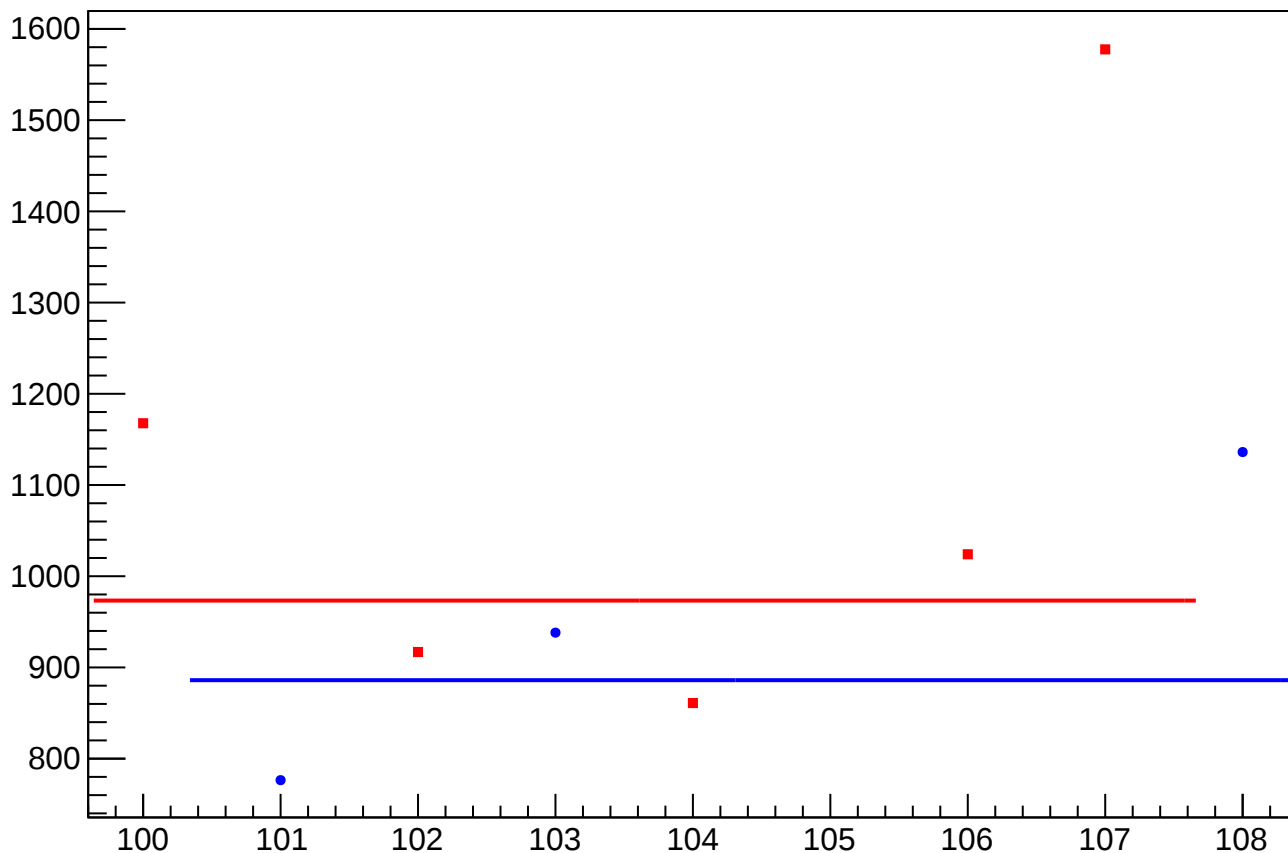
Right: 106.228+/-519.903 χ^2/NDF : 12.2/7

In: -674.205+/-723.594 χ^2/NDF : 5.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.228+/-519.903 χ^2/NDF : 12.2/7

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 886.024+/-0.512 χ^2/NDF : 63514.5/2

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

Right Out: 973.319+/-0.529 χ^2/NDF : 130475.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

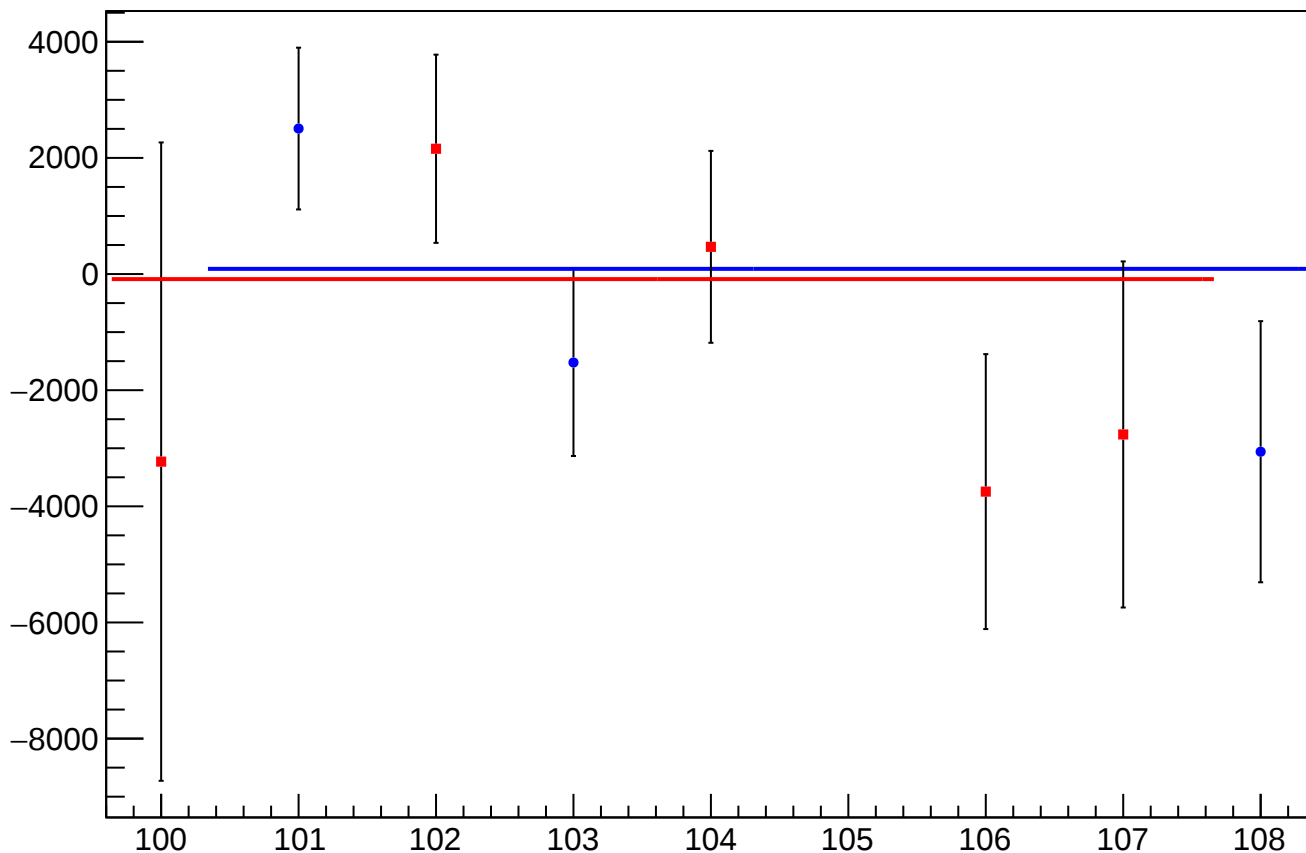
Right: 928.254+/-0.368 χ^2/NDF : 208071.1/7

In: 886.024+/-0.512 χ^2/NDF : 63514.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 928.254+/-0.368 χ^2/NDF : 208071.1/7

asym_us_dd_mean vs Slug, Sign Corrected



Right In: 89.516+/-953.939 χ^2/NDF : 6.0/2

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

Right Out: -87.150+/-966.179 χ^2/NDF : 5.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

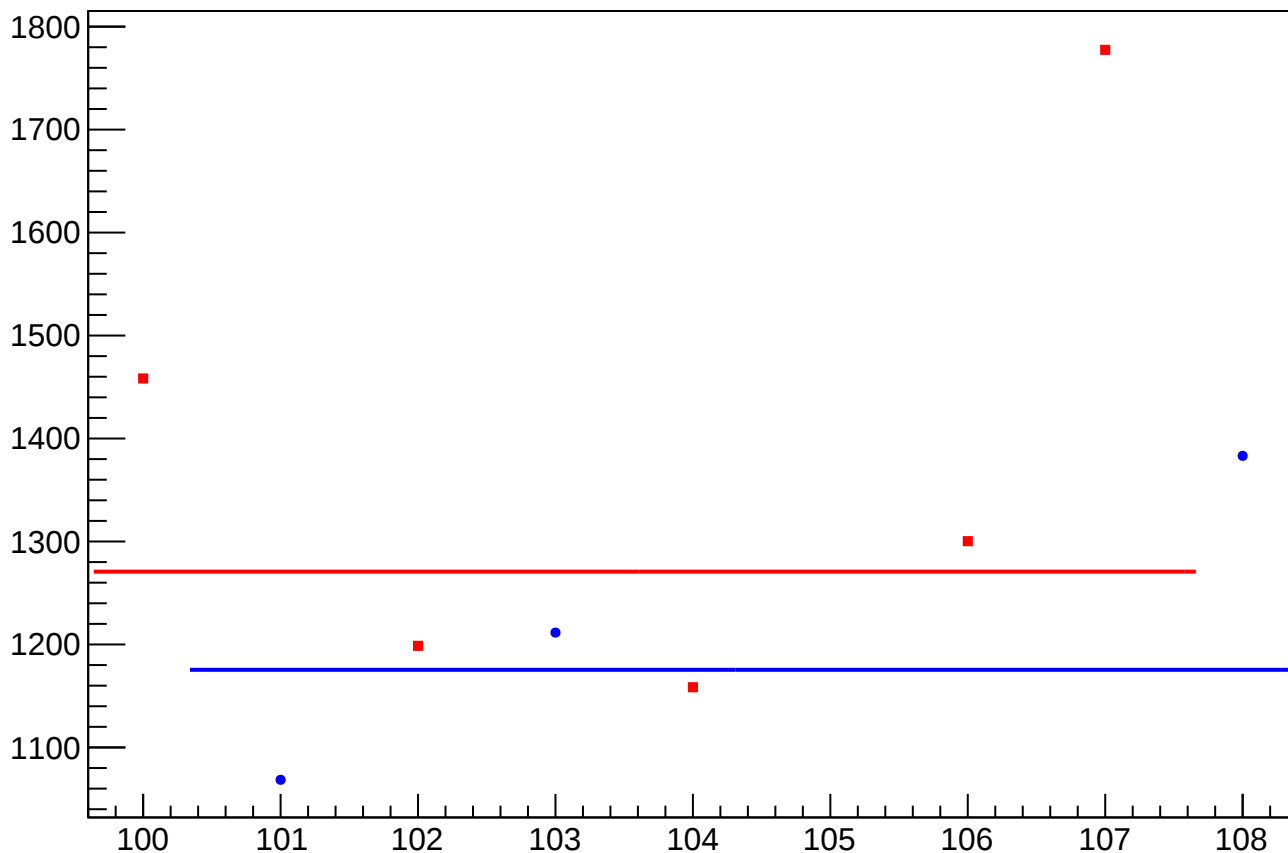
Right: 2.309+/-678.823 χ^2/NDF : 11.5/7

In: 89.516+/-953.939 χ^2/NDF : 6.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.309+/-678.823 χ^2/NDF : 11.5/7

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1175.386+/-0.675 χ^2/NDF : 29843.5/2

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

Right Out: 1270.716+/-0.683 χ^2/NDF : 73660.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

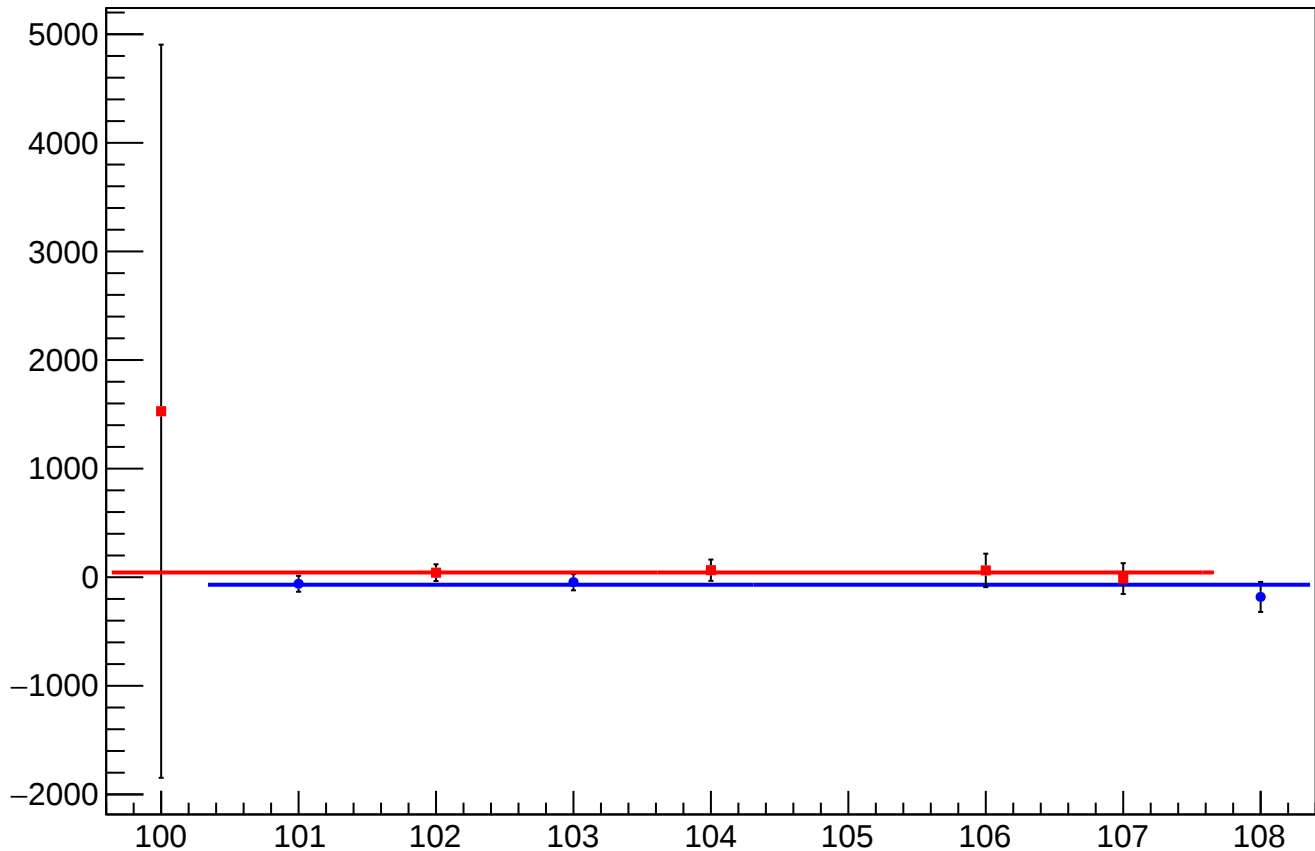
Right: 1222.443+/-0.480 χ^2/NDF : 113363.2/7

In: 1175.386+/-0.675 χ^2/NDF : 29843.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1222.443+/-0.480 χ^2/NDF : 113363.2/7

reg_asym_ds_avg_mean vs Slug, Sign Corrected



Right In: -69.290+/-49.161 χ^2/NDF : 0.8/2

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

Right Out: 43.778+/-52.345 χ^2/NDF : 0.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

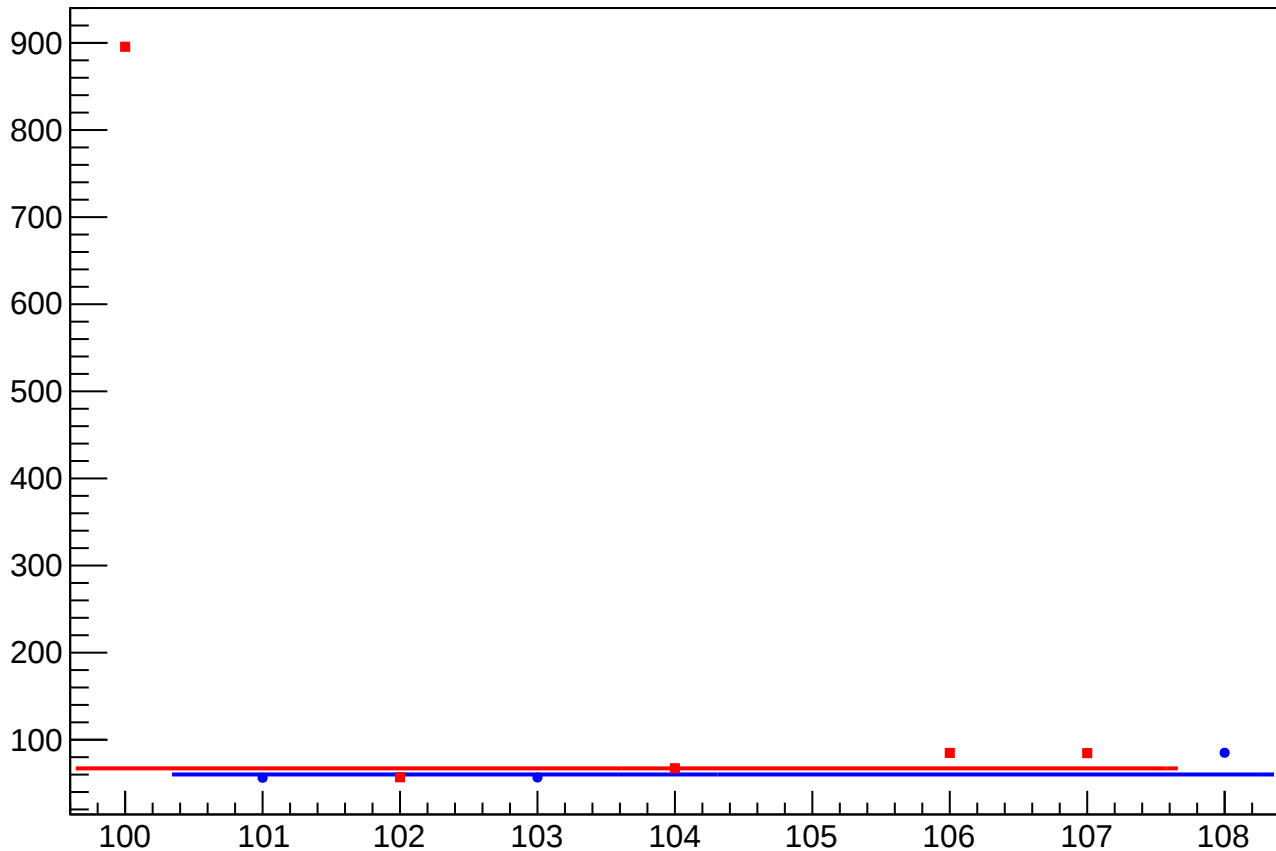
Right: -16.299+/-35.835 χ^2/NDF : 3.7/7

In: -69.290+/-49.161 χ^2/NDF : 0.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.299+/-35.835 χ^2/NDF : 3.7/7

reg_asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 60.146+/-0.035 χ^2/NDF : 74417.5/2

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

Right Out: 67.126+/-0.037 χ^2/NDF : 212369.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

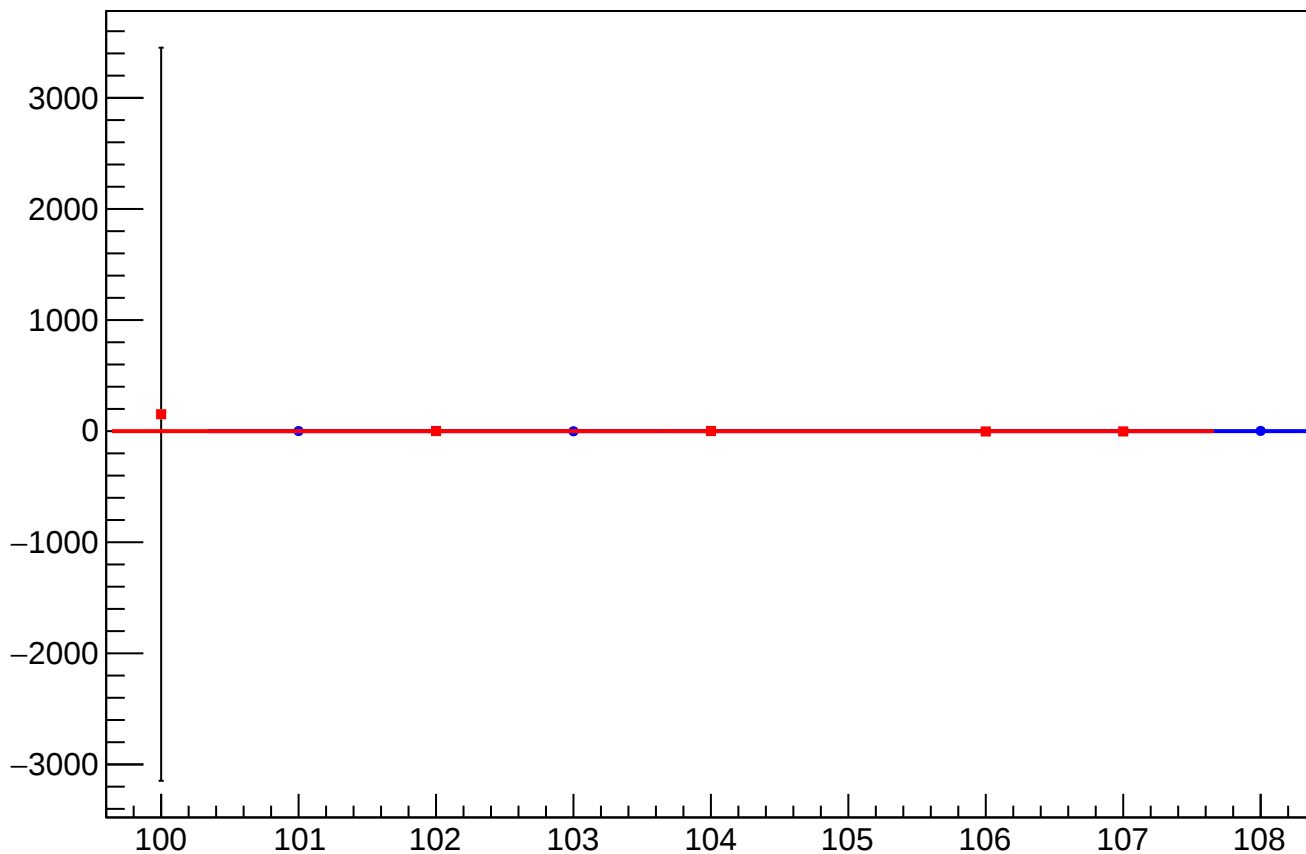
Right: 63.417+/-0.025 χ^2/NDF : 305681.3/7

In: 60.146+/-0.035 χ^2/NDF : 74417.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.417+/-0.025 χ^2/NDF : 305681.3/7

asym_ds_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.244+/-0.817 χ^2/NDF : 1.6/2

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

Right Out: 0.173+/-0.906 χ^2/NDF : 3.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

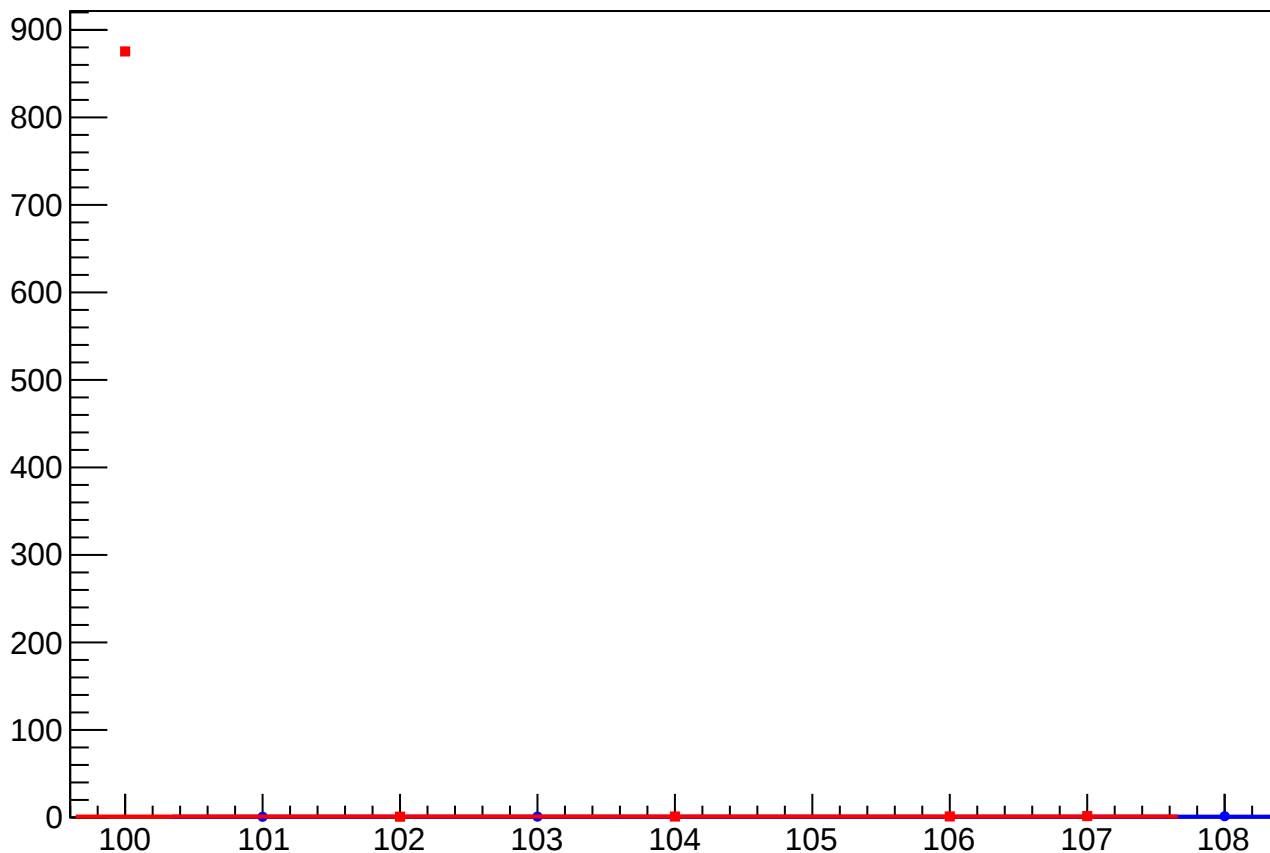
Right: 0.212+/-0.607 χ^2/NDF : 5.1/7

In: 0.244+/-0.817 χ^2/NDF : 1.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.212+/-0.607 χ^2/NDF : 5.1/7

asym_ds_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.910+/-0.001 χ^2/NDF : 113805.7/2

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

Right Out: 1.058+/-0.001 χ^2/NDF : 245158.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

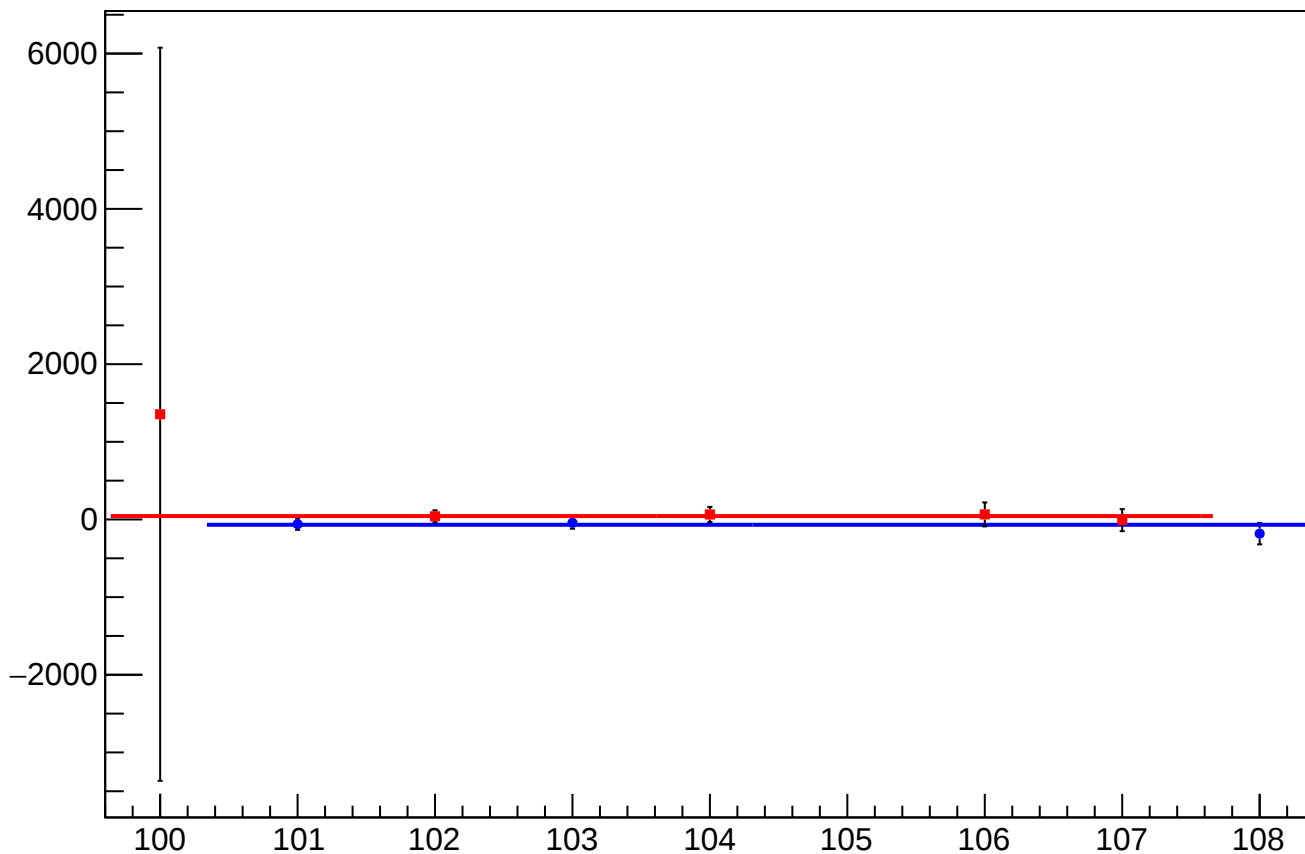
Right: 0.976+/-0.000 χ^2/NDF : 388285.9/7

In: 0.910+/-0.001 χ^2/NDF : 113805.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.976+/-0.000 χ^2/NDF : 388285.9/7

asym_ds_avg_mean vs Slug, Sign Corrected



Right In: -68.279+/-49.173 χ^2/NDF : 0.8/2

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

Right Out: 43.645+/-52.362 χ^2/NDF : 0.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

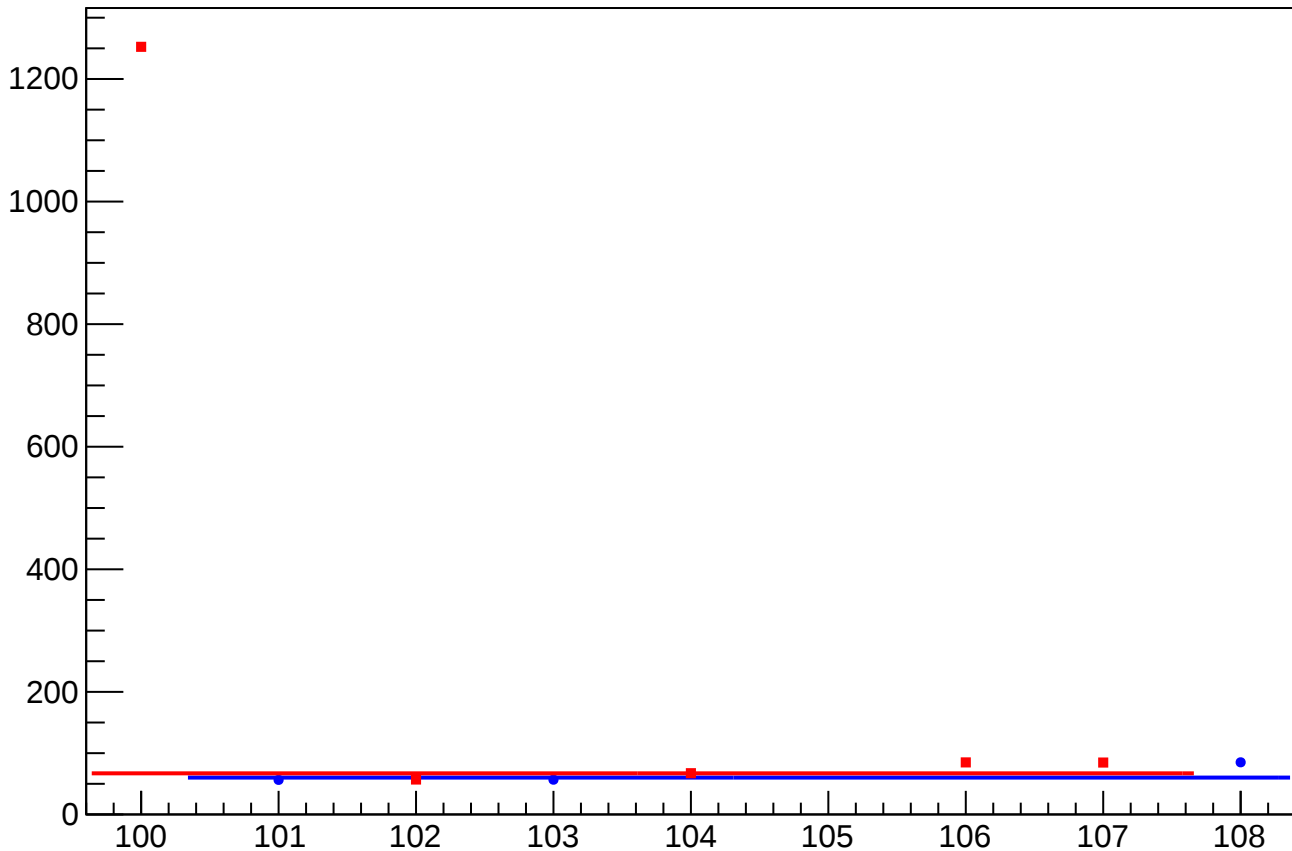
Right: -15.829+/-35.845 χ^2/NDF : 3.5/7

In: -68.279+/-49.173 χ^2/NDF : 0.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.829+/-35.845 χ^2/NDF : 3.5/7

asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 60.162 $\pm$ 0.035 χ^2 /NDF: 74427.5/2

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

Right Out: 67.091 $\pm$ 0.037 χ^2 /NDF: 217979.6/4

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

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

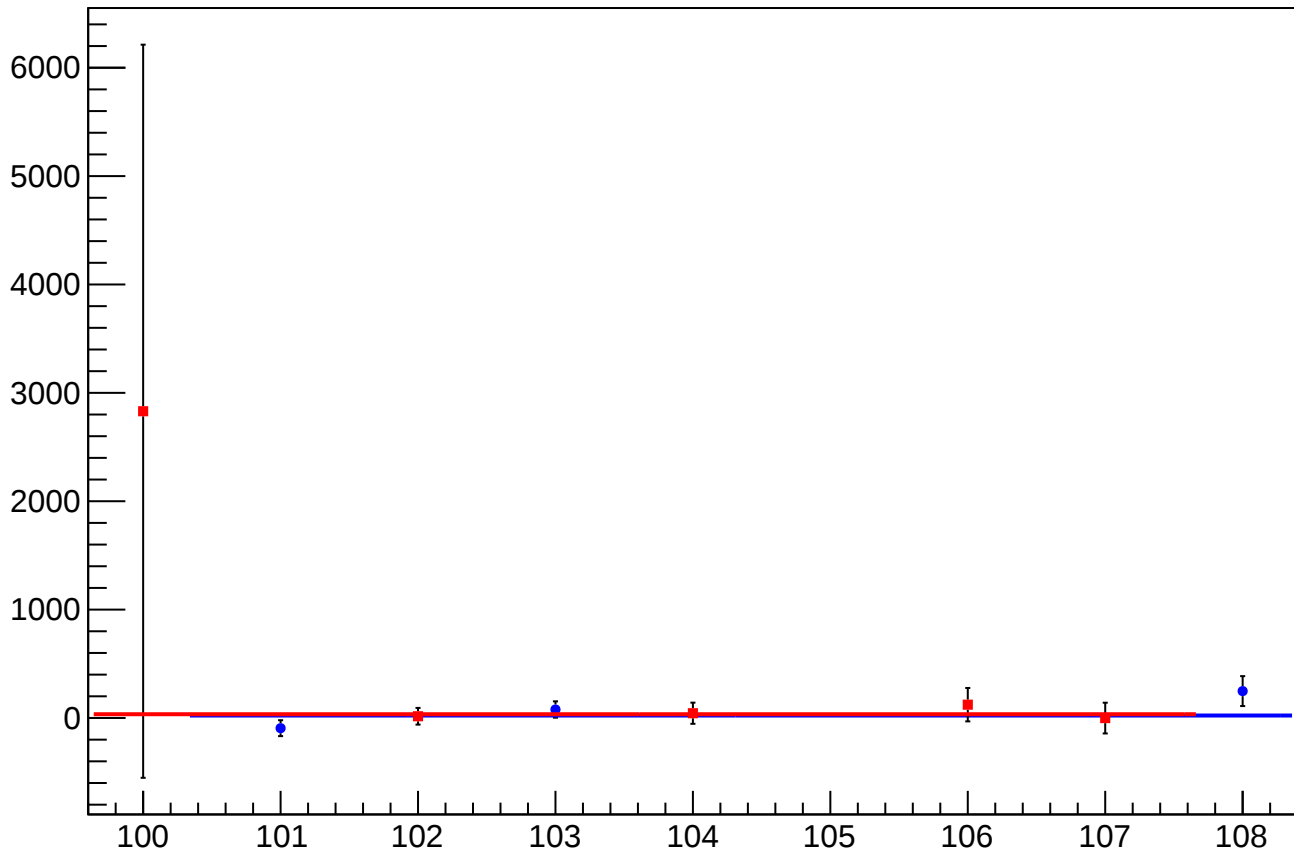
Right: 63.409 $\pm$ 0.025 χ^2 /NDF: 311020.7/7

In: 60.162 $\pm$ 0.035 χ^2 /NDF: 74427.5/2

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

All: 63.409 $\pm$ 0.025 χ^2 /NDF: 311020.7/7

reg_asym_ds_dd_mean vs Slug, Sign Corrected



Right In: 22.695+/-49.131 χ^2/NDF : 5.7/2

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

Right Out: 34.600+/-52.313 χ^2/NDF : 1.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

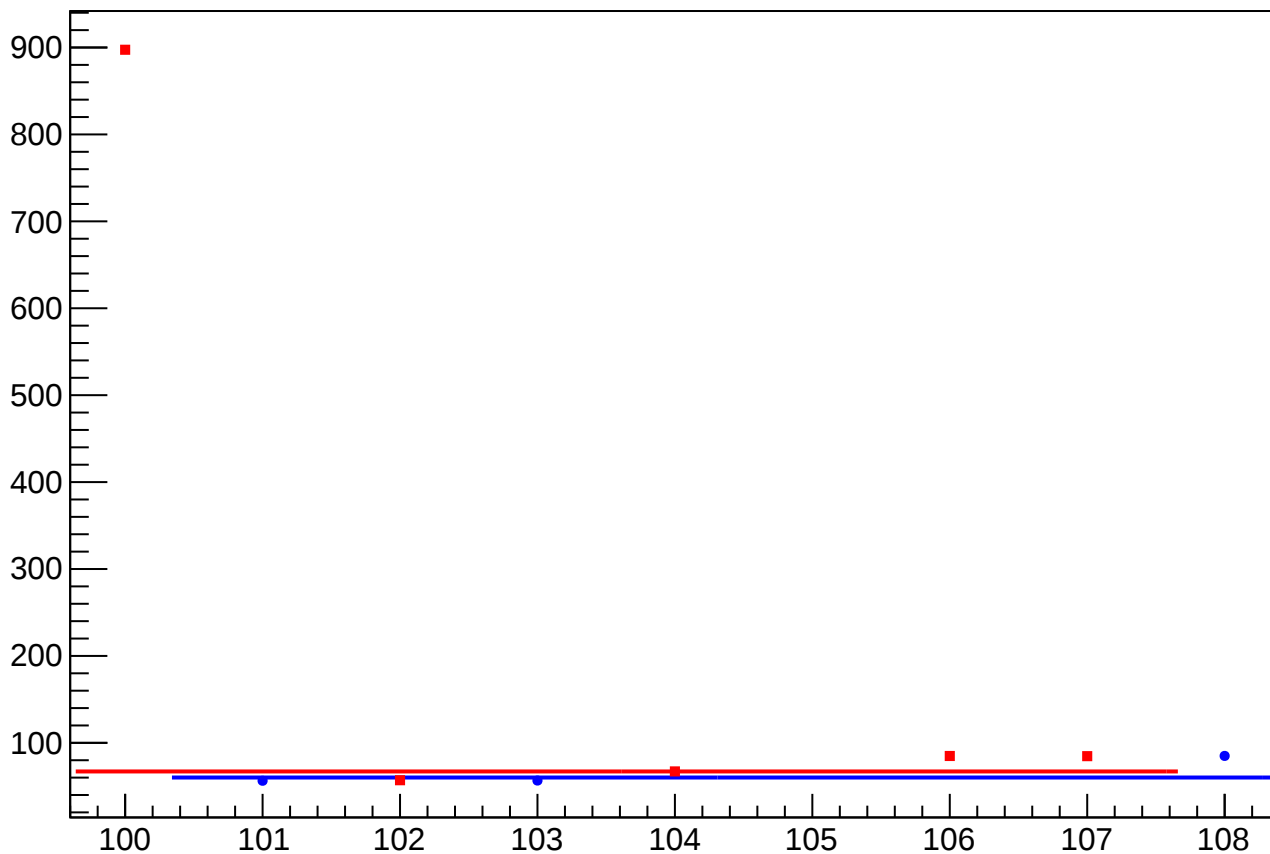
Right: 28.275+/-35.813 χ^2/NDF : 6.9/7

In: 22.695+/-49.131 χ^2/NDF : 5.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.275+/-35.813 χ^2/NDF : 6.9/7

reg_asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 60.111+/-0.035 χ^2/NDF : 74286.2/2

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

Right Out: 67.086+/-0.037 χ^2/NDF : 212278.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

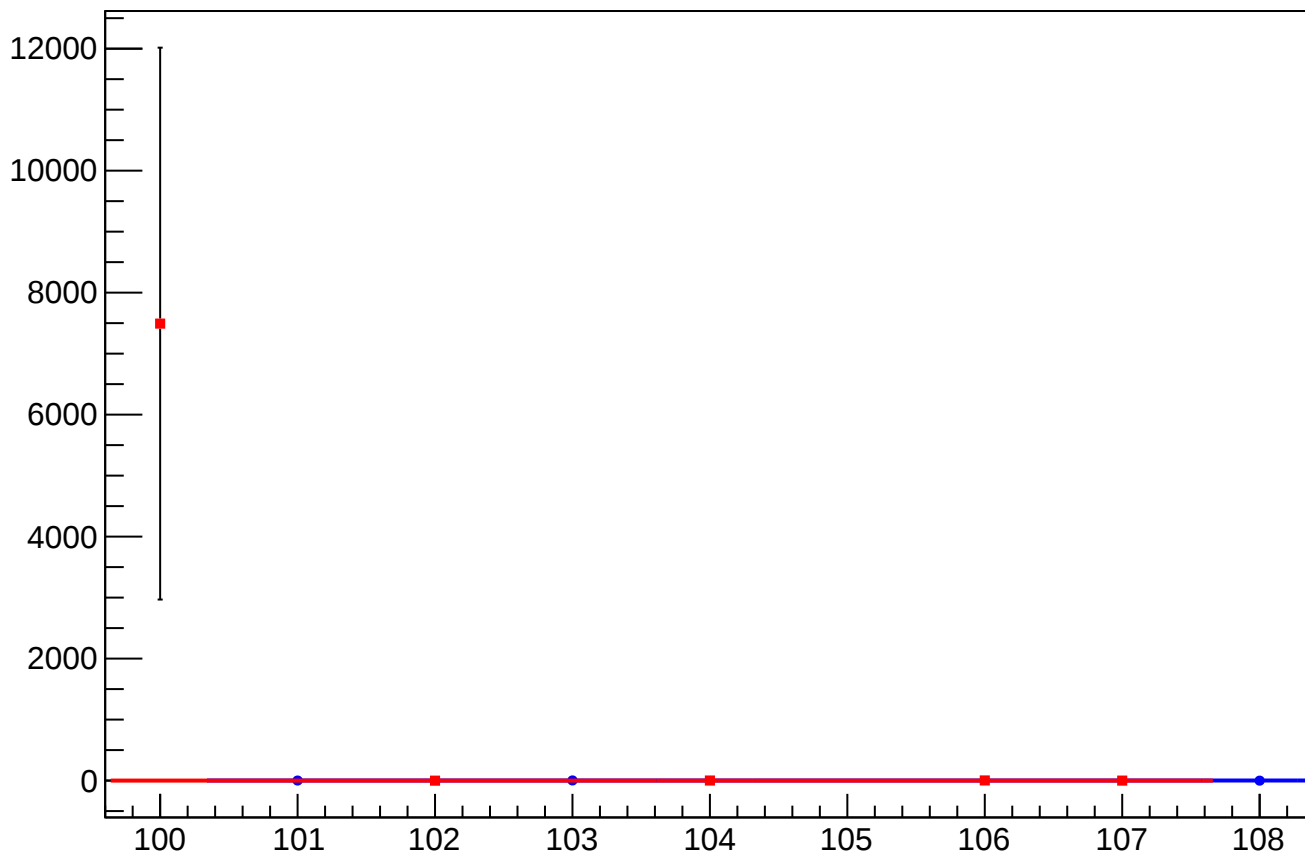
Right: 63.380+/-0.025 χ^2/NDF : 305456.7/7

In: 60.111+/-0.035 χ^2/NDF : 74286.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.380+/-0.025 χ^2/NDF : 305456.7/7

asym_ds_dd_correction_mean vs Slug, Sign Corrected



Right In: 1.205+/-0.836 χ^2/NDF : 1.7/2

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

Right Out: -0.184+/-1.026 χ^2/NDF : 4.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

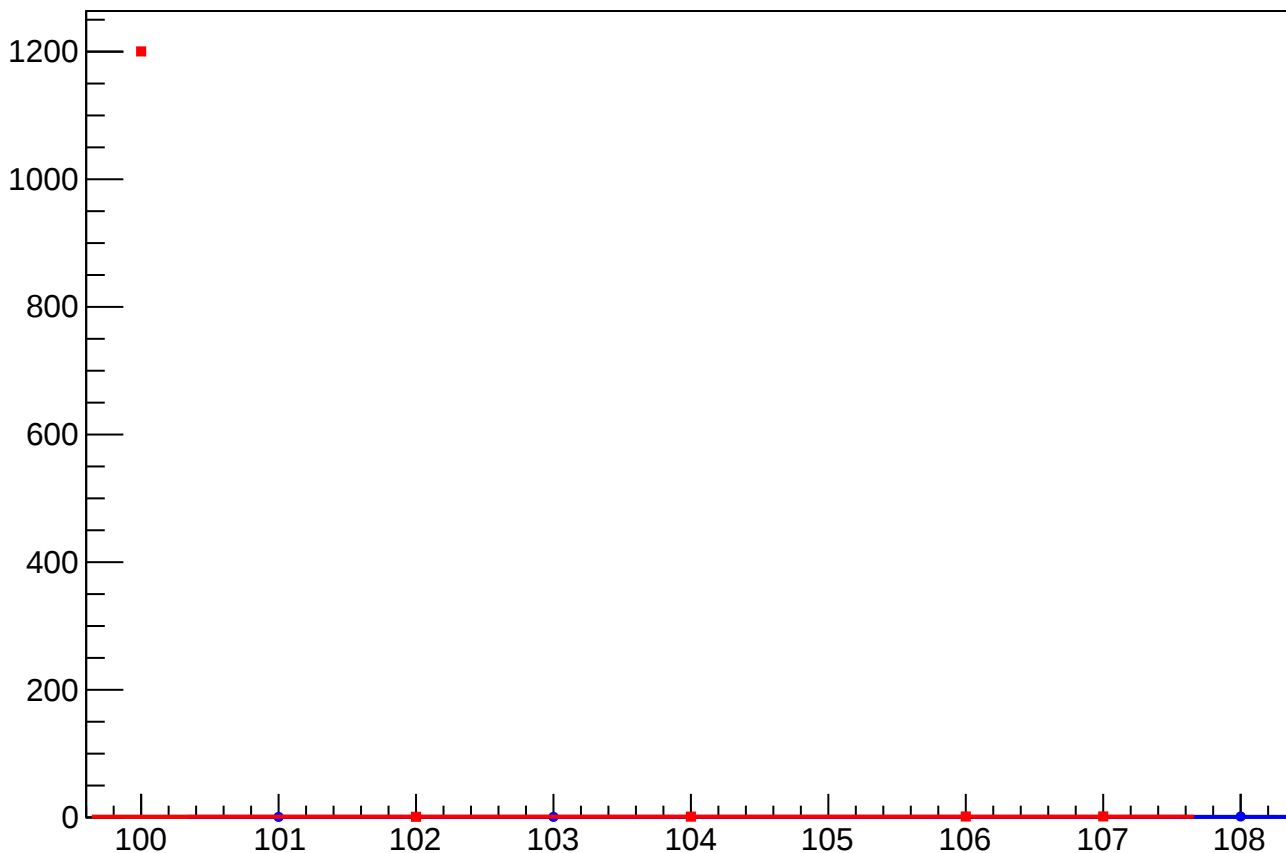
Right: 0.650+/-0.648 χ^2/NDF : 7.2/7

In: 1.205+/-0.836 χ^2/NDF : 1.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.650+/-0.648 χ^2/NDF : 7.2/7

asym_ds_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.934+/-0.001 χ^2/NDF : 103541.1/2

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

Right Out: 1.244+/-0.001 χ^2/NDF : 235687.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

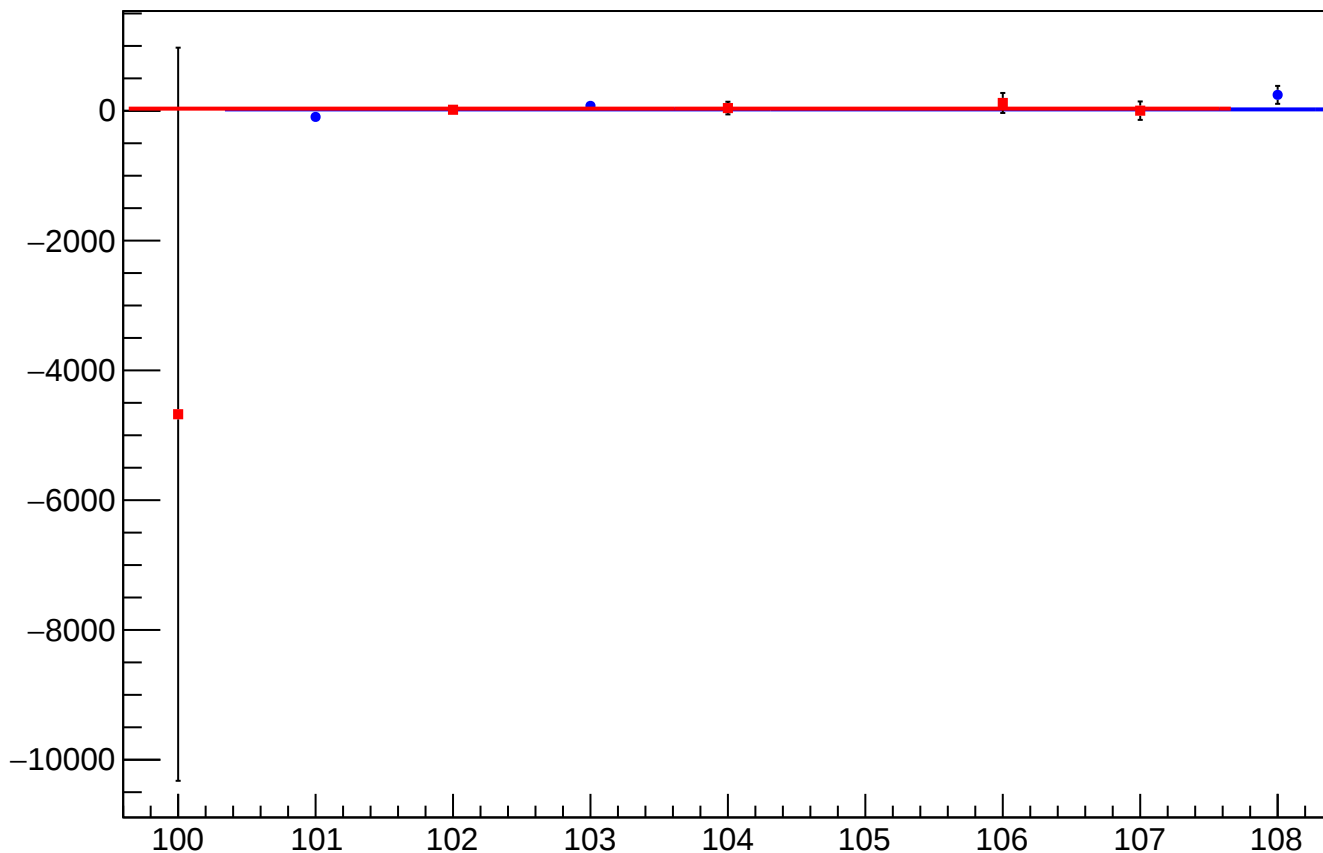
Right: 1.058+/-0.000 χ^2/NDF : 449193.9/7

In: 0.934+/-0.001 χ^2/NDF : 103541.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.058+/-0.000 χ^2/NDF : 449193.9/7

asym_ds_dd_mean vs Slug, Sign Corrected



Right In: 21.817+/-49.144 χ^2/NDF : 5.6/2

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

Right Out: 33.675+/-52.332 χ^2/NDF : 1.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

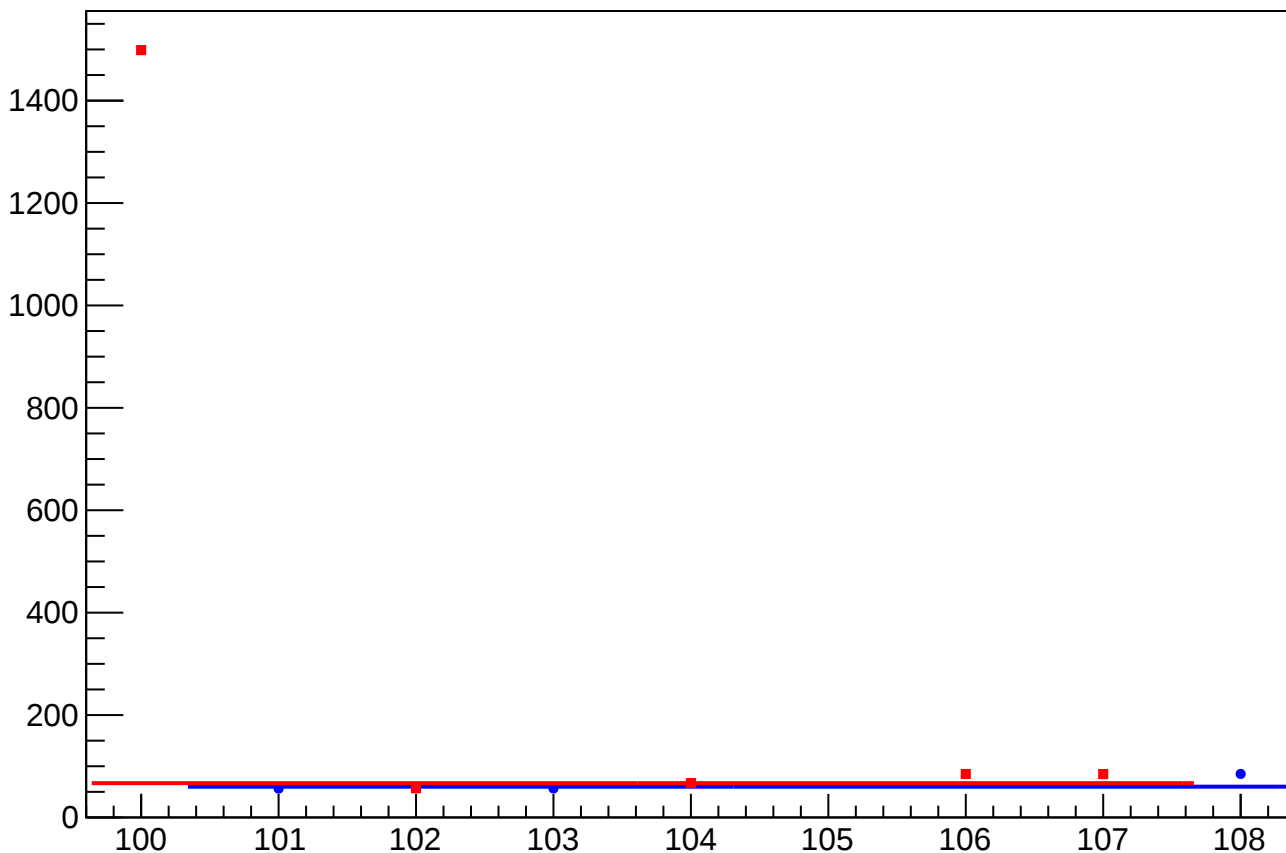
Right: 27.374+/-35.824 χ^2/NDF : 6.8/7

In: 21.817+/-49.144 χ^2/NDF : 5.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.374+/-35.824 χ^2/NDF : 6.8/7

asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 60.127 $\pm$ 0.035 χ^2 /NDF: 74295.1/2

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

Right Out: 67.029 $\pm$ 0.037 χ^2 /NDF: 220221.8/4

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

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

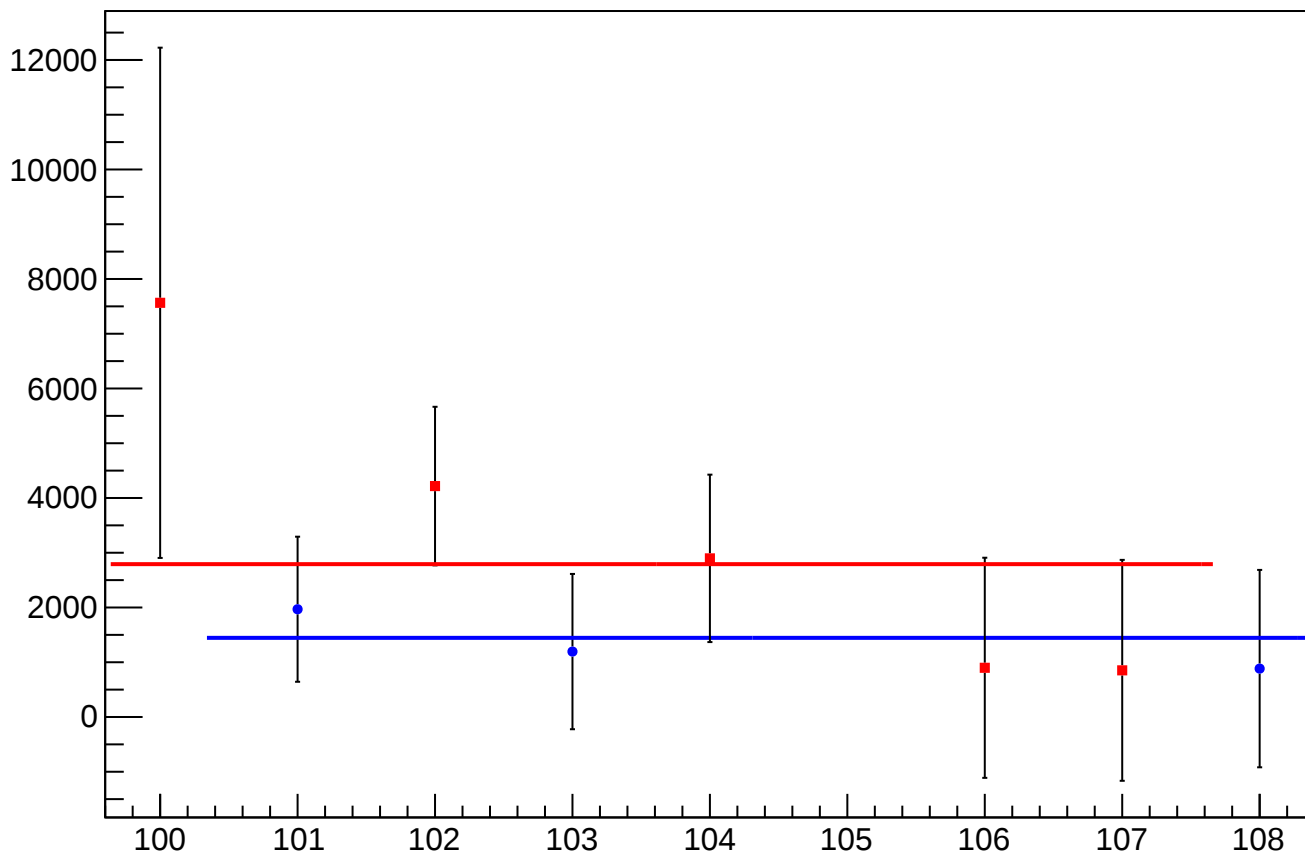
Right: 63.361 $\pm$ 0.025 χ^2 /NDF: 313007.2/7

In: 60.127 $\pm$ 0.035 χ^2 /NDF:74295.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 63.361 $\pm$ 0.025 χ^2 /NDF: 313007.2/7

reg_asym_usl_mean vs Slug, Sign Corrected



Right In: 1445.649+/-852.936 χ^2/NDF : 0.3/2

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

Right Out: 2791.665+/-832.221 χ^2/NDF : 3.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

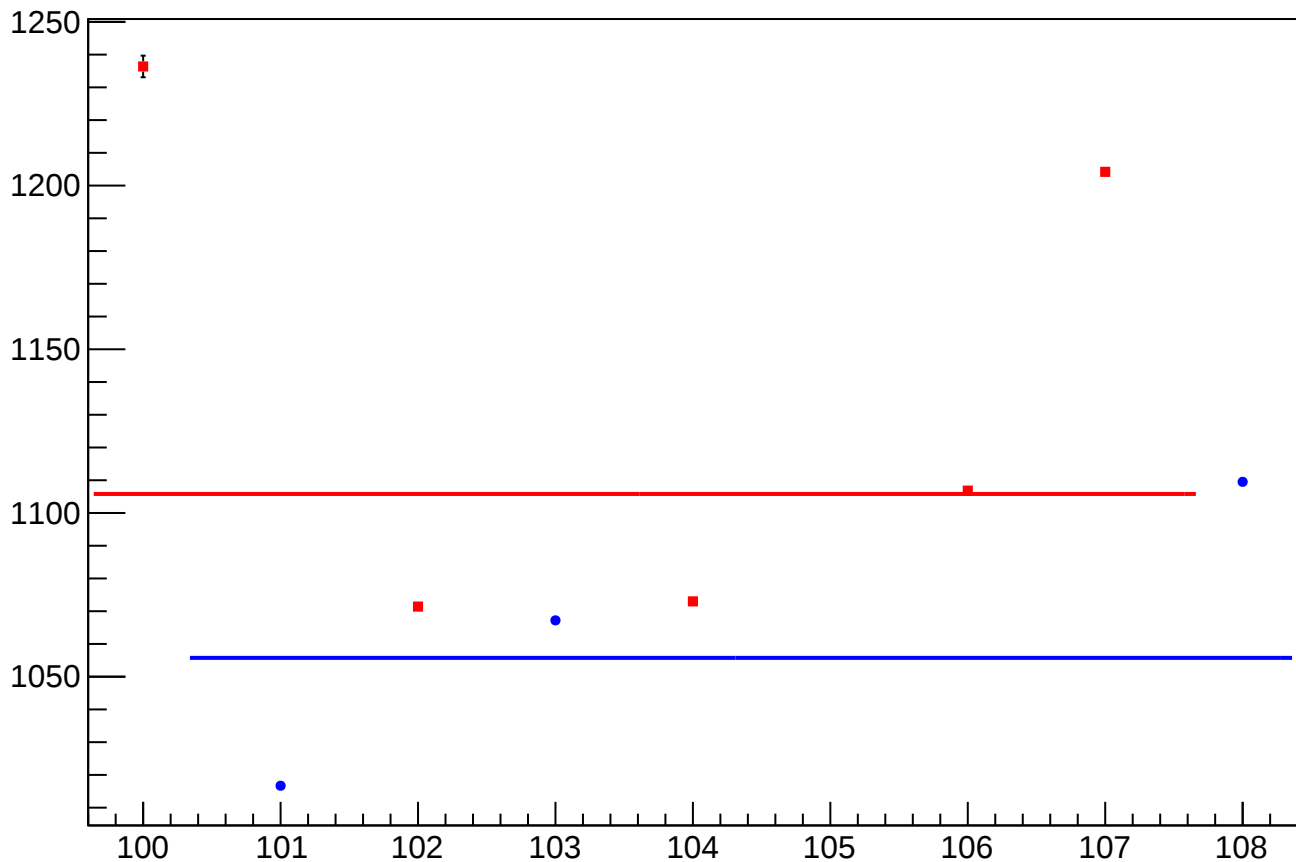
Right: 2135.201+/-595.658 χ^2/NDF : 5.4/7

In: 1445.649+/-852.936 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2135.201+/-595.658 χ^2/NDF : 5.4/7

reg_asym_usl_rms vs Slug, Sign Corrected



Right In: 1055.749 $\pm$ 0.603 χ^2 /NDF: 3647.5/2

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

Right Out: 1105.810 $\pm$ 0.588 χ^2 /NDF: 8376.2/4

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

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

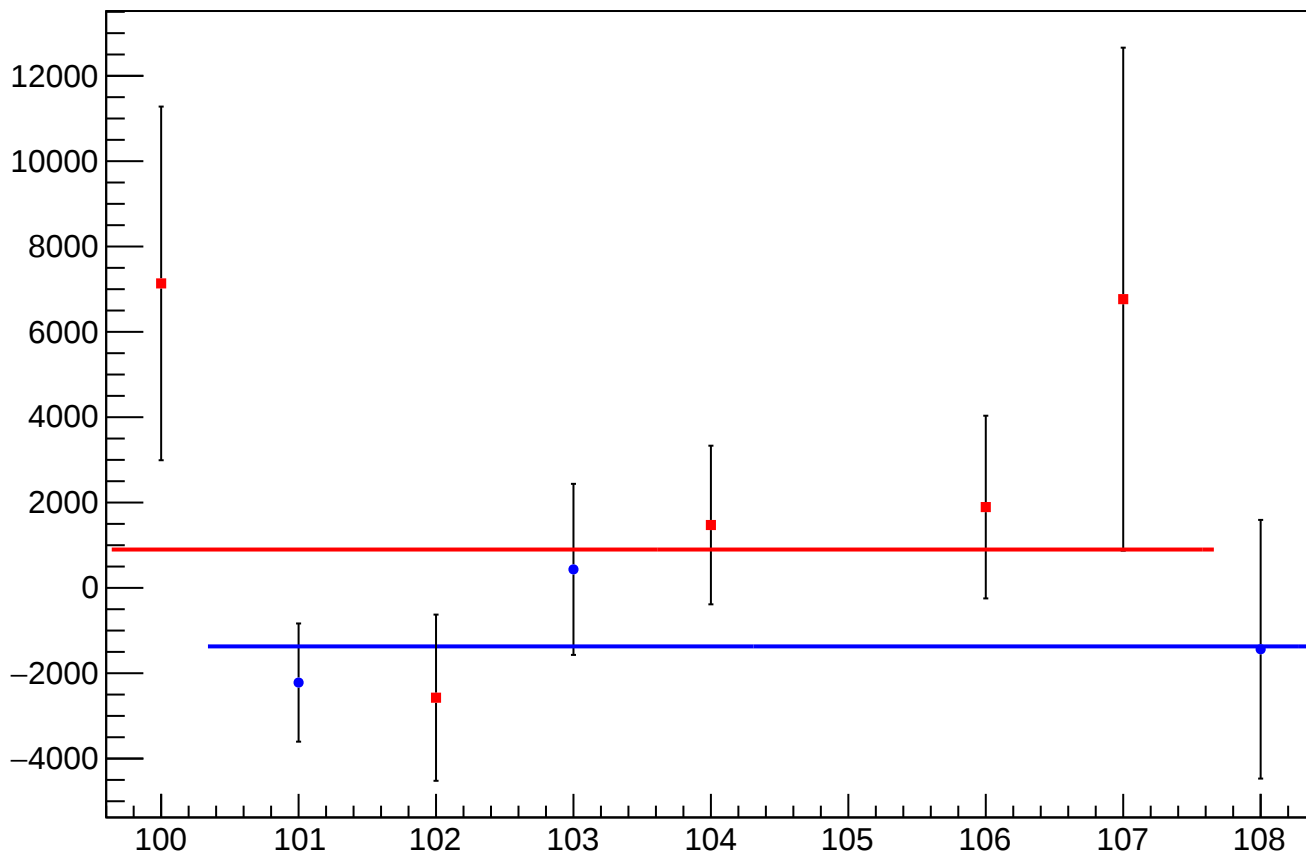
Right: 1081.395 $\pm$ 0.421 χ^2 /NDF: 15553.4/7

In: 1055.749 $\pm$ 0.603 χ^2 /NDF:3647.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1081.395 $\pm$ 0.421 χ^2 /NDF: 15553.4/7

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -1371.190+/-1066.534 χ^2/NDF : 1.2/2

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

Right Out: 898.869+/-1079.374 χ^2/NDF : 6.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

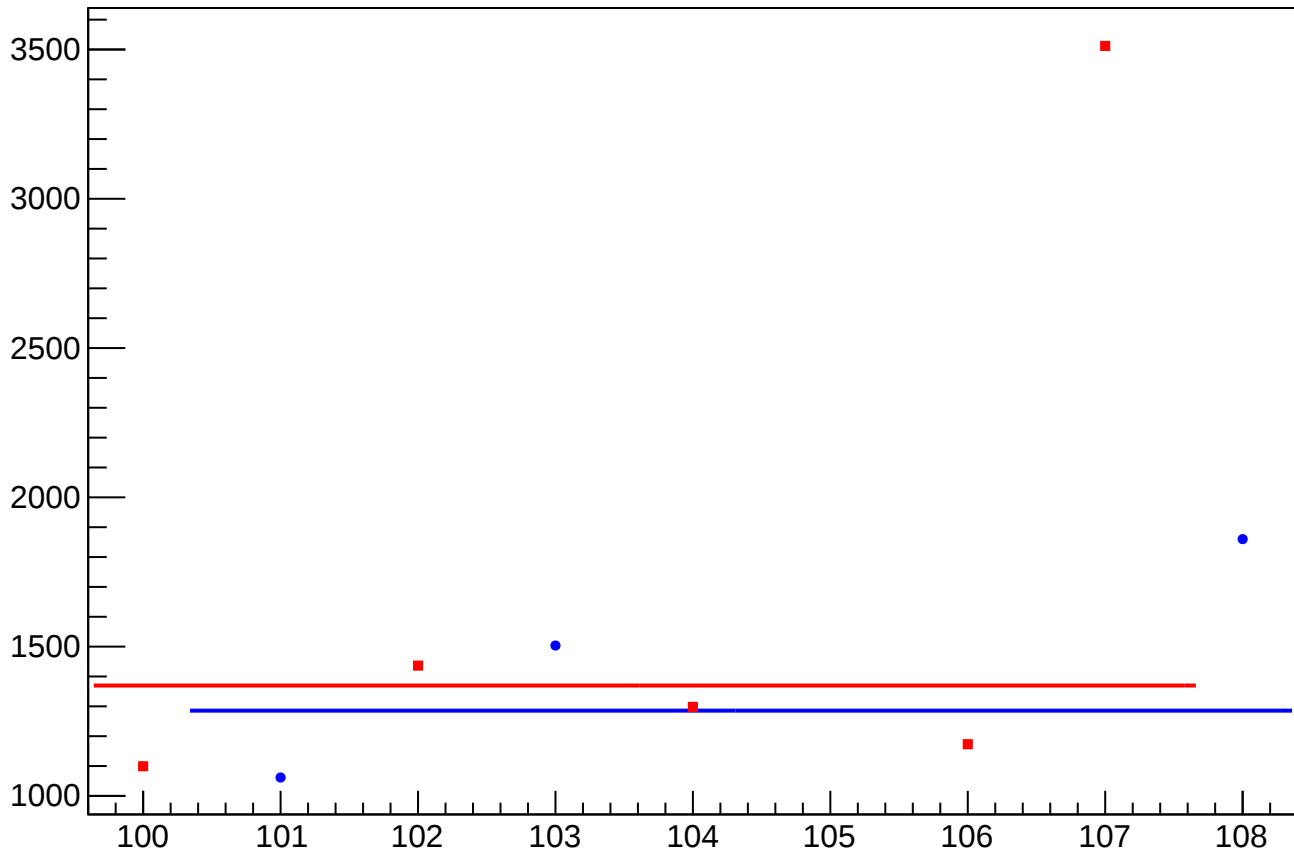
Right: -249.742+/-758.652 χ^2/NDF : 10.2/7

In: -1371.190+/-1066.534 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -249.742+/-758.652 χ^2/NDF : 10.2/7

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 1285.623+/-0.754 χ^2/NDF : 147814.9/2

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

Right Out: 1369.653+/-0.763 χ^2/NDF : 294974.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

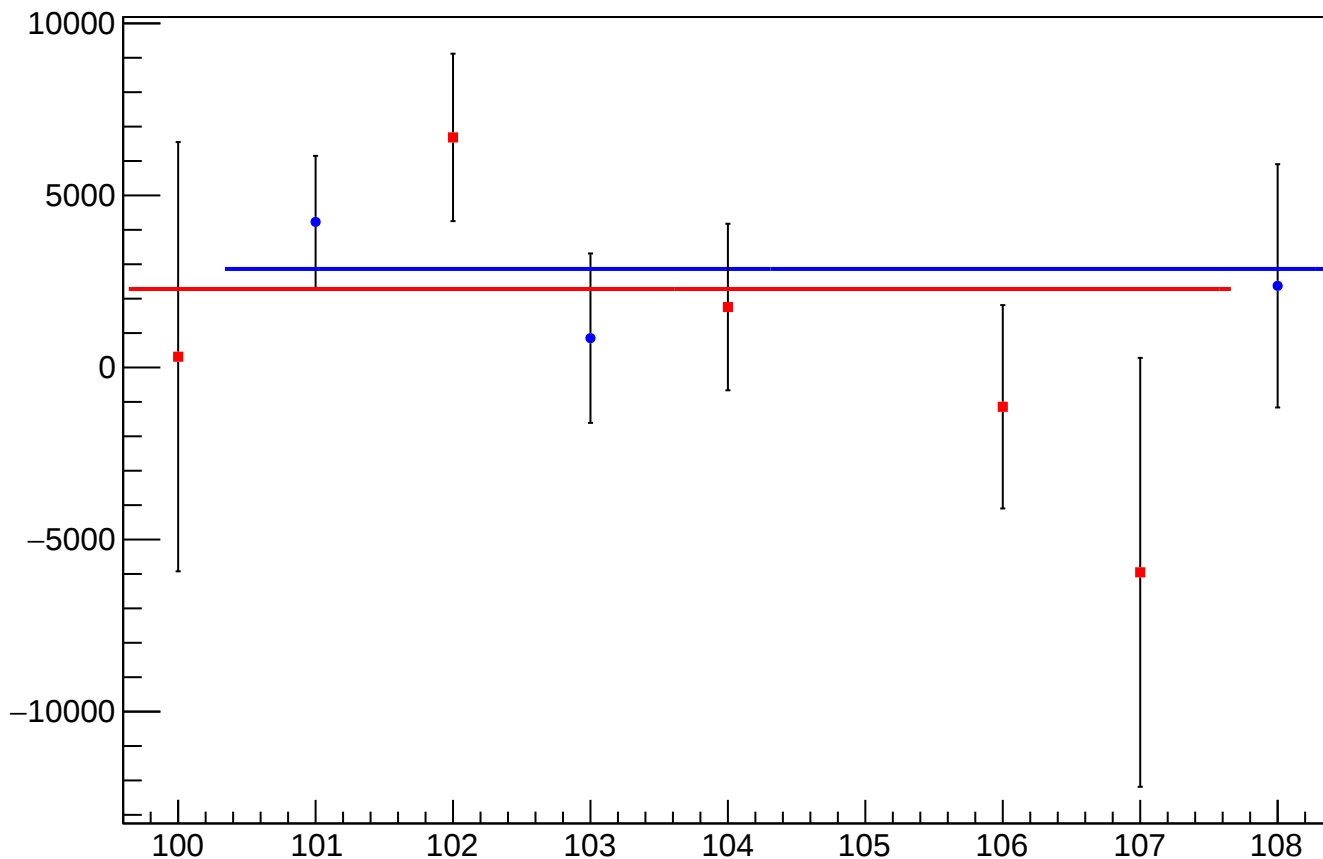
Right: 1327.135+/-0.536 χ^2/NDF : 448923.0/7

In: 1285.623+/-0.754 χ^2/NDF : 147814.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1327.135+/-0.536 χ^2/NDF : 448923.0/7

asym_usl_mean vs Slug, Sign Corrected



Right In: 2863.581+/-1391.284 χ^2/NDF : 1.2/2

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

Right Out: 2280.658+/-1406.327 χ^2/NDF : 6.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

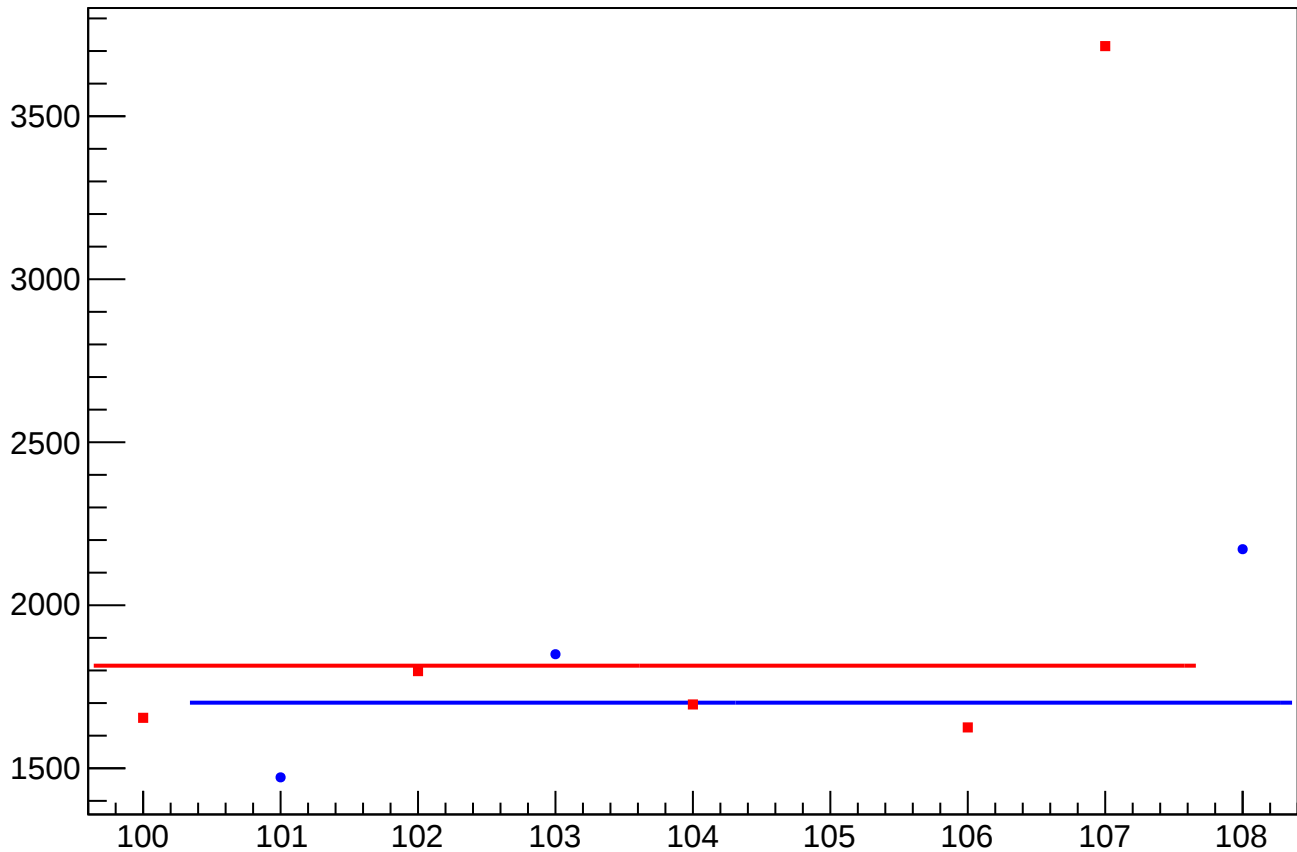
Right: 2575.254+/-989.062 χ^2/NDF : 7.8/7

In: 2863.581+/-1391.284 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2575.254+/-989.062 χ^2/NDF : 7.8/7

asym_usl_rms vs Slug, Sign Corrected



Right In: 1701.203+/-0.984 χ^2/NDF : 71272.0/2

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

Right Out: 1814.685+/-0.994 χ^2/NDF : 200422.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

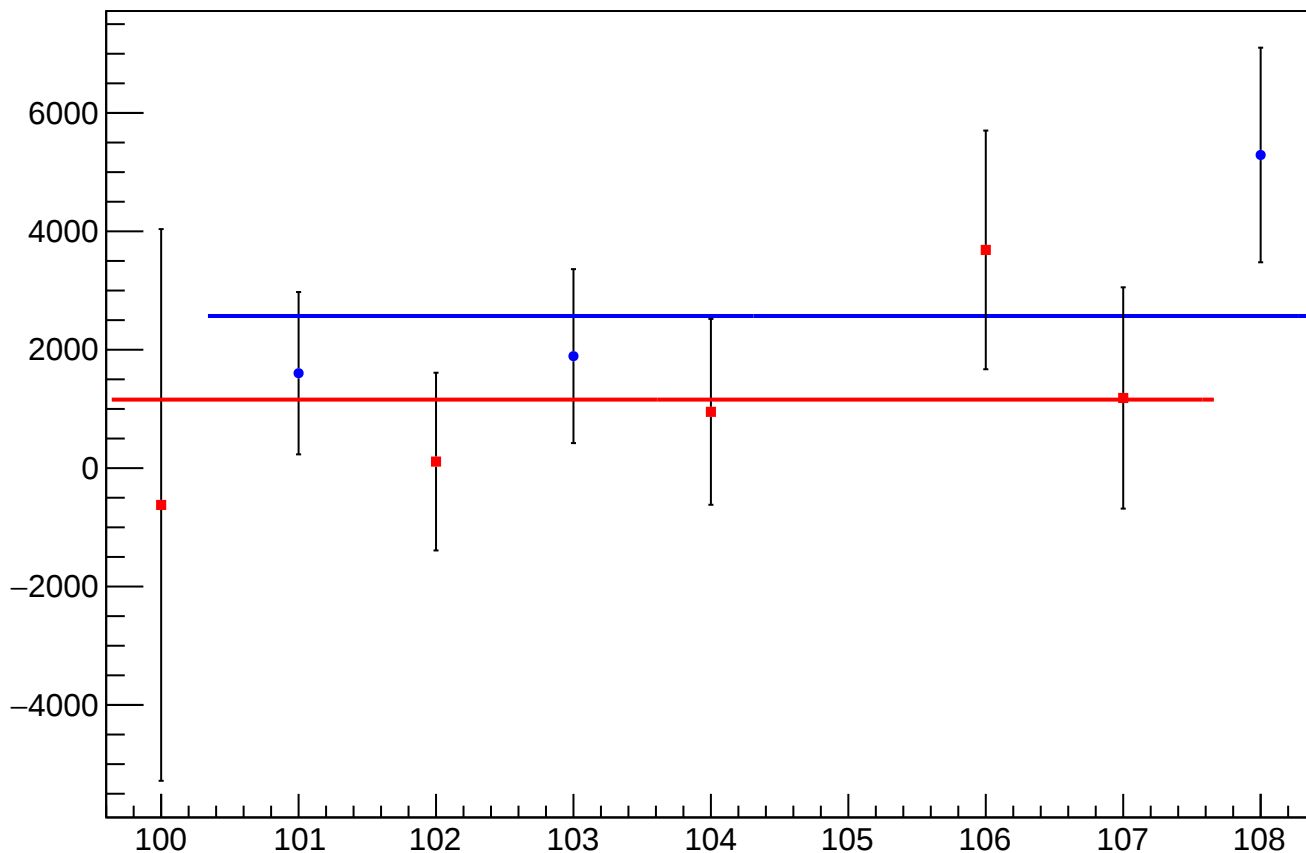
Right: 1757.334+/-0.699 χ^2/NDF : 278275.5/7

In: 1701.203+/-0.984 χ^2/NDF : 71272.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1757.334+/-0.699 χ^2/NDF : 278275.5/7

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 2569.804+/-877.255 χ^2/NDF : 3.0/2

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

Right Out: 1157.450+/-836.856 χ^2/NDF : 2.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

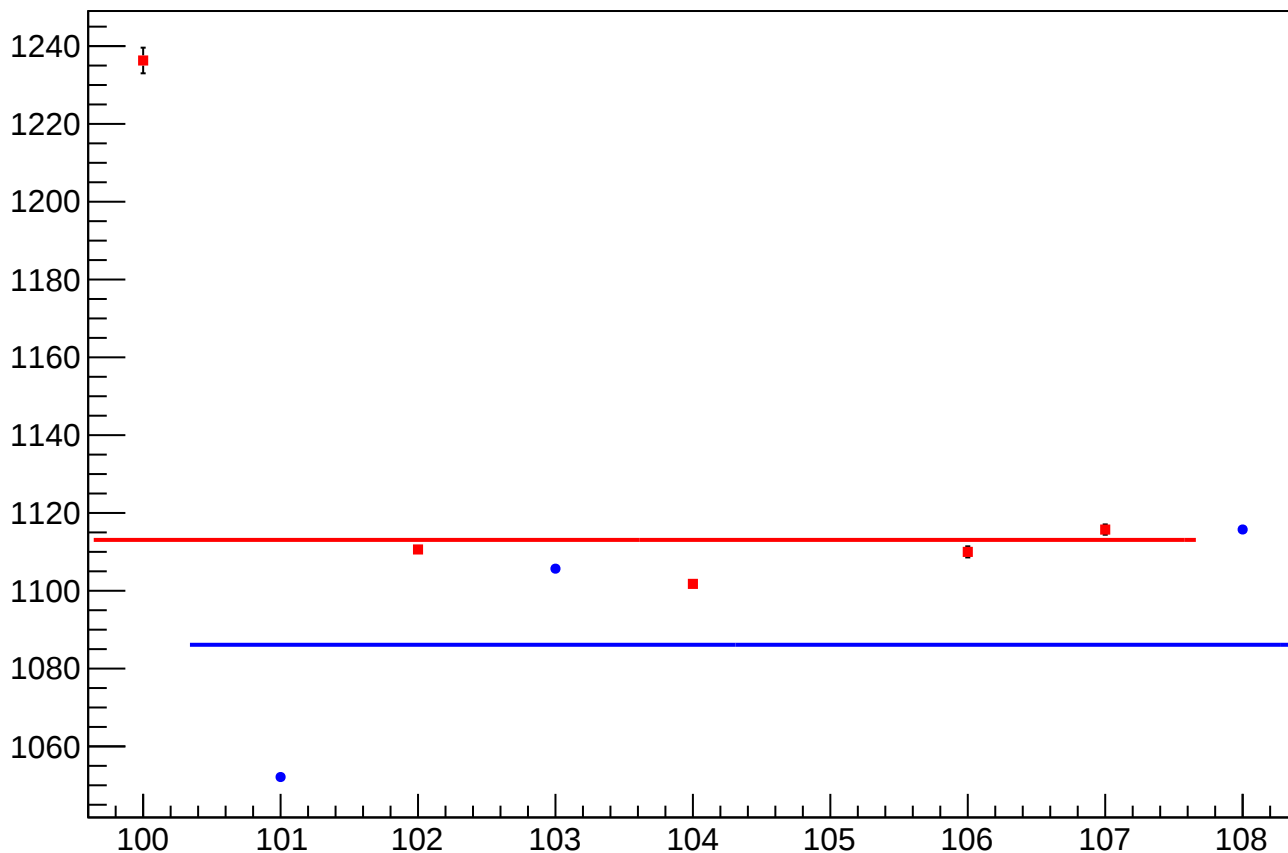
Right: 1830.358+/-605.525 χ^2/NDF : 6.5/7

In: 2569.804+/-877.255 χ^2/NDF : 3.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1830.358+/-605.525 χ^2/NDF : 6.5/7

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1086.117 $\pm$ 0.620 χ^2 /NDF: 2118.3/2

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

Right Out: 1113.075 $\pm$ 0.592 χ^2 /NDF: 1516.5/4

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

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

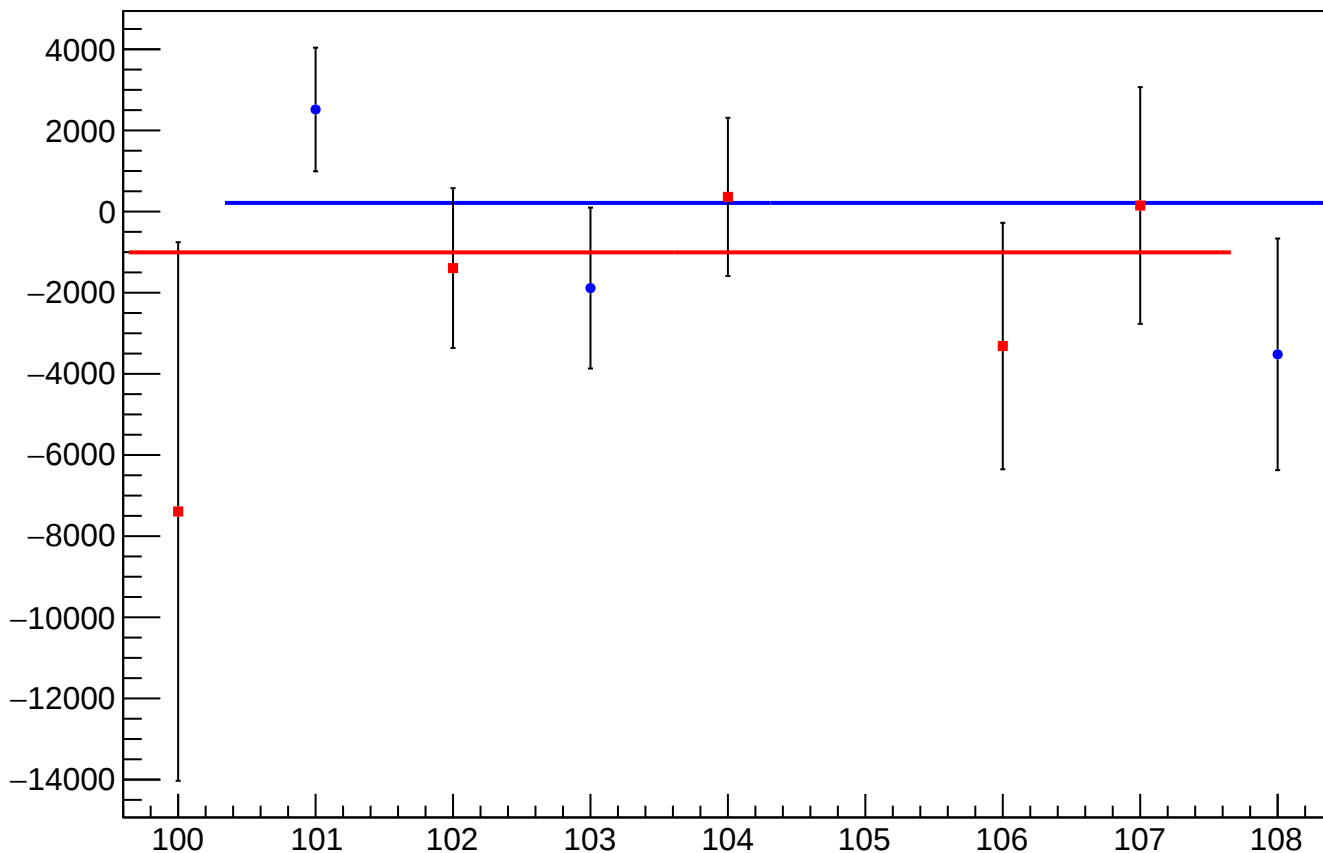
Right: 1100.231 $\pm$ 0.428 χ^2 /NDF: 4623.6/7

In: 1086.117 $\pm$ 0.620 χ^2 /NDF: 2118.3/2

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

All: 1100.231 $\pm$ 0.428 χ^2 /NDF: 4623.6/7

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: 213.429+/-1112.515 χ^2/NDF : 5.1/2

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

Right Out: -1005.623+/-1140.228 χ^2/NDF : 2.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

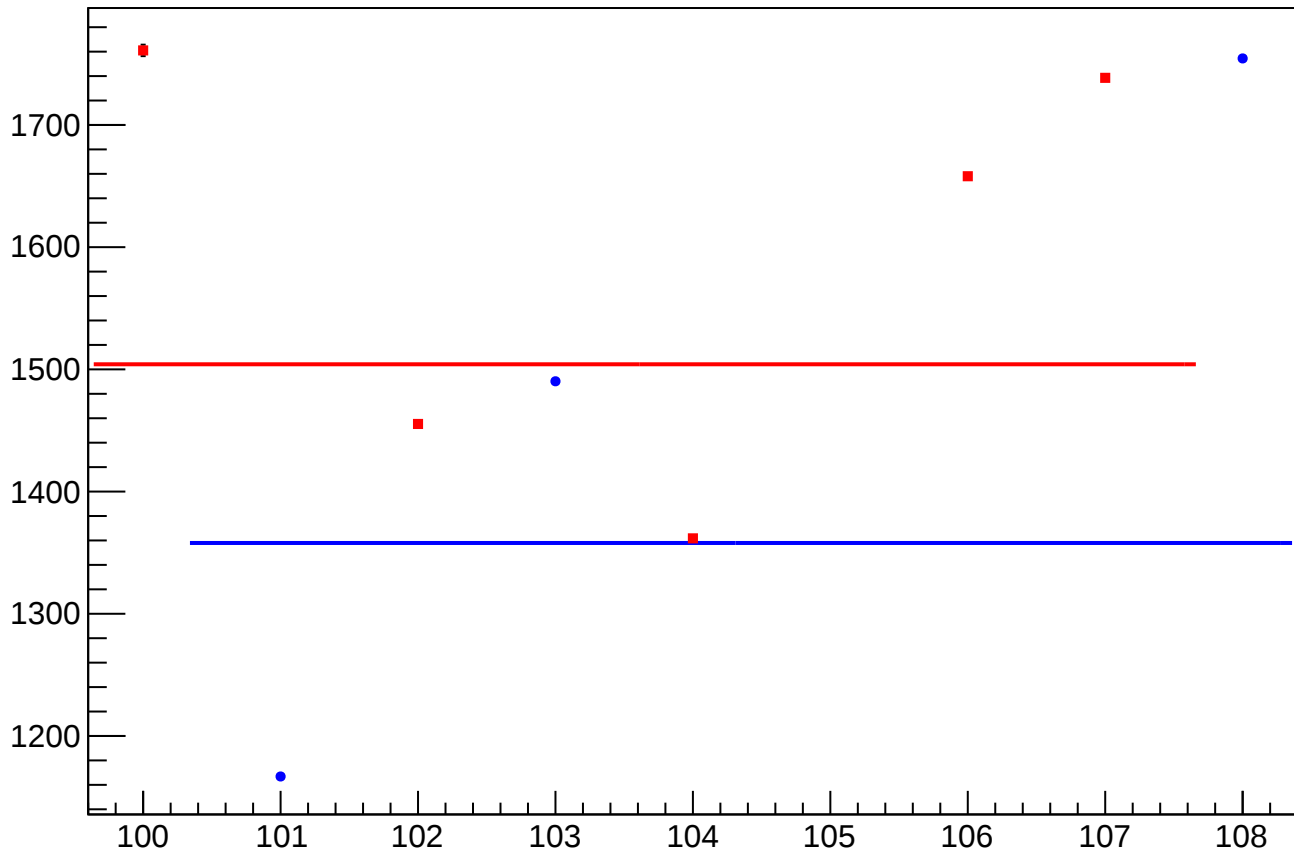
Right: -381.103+/-796.284 χ^2/NDF : 7.9/7

In: 213.429+/-1112.515 χ^2/NDF : 5.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -381.103+/-796.284 χ^2/NDF : 7.9/7

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1357.936+/-0.787 χ^2/NDF : 78958.7/2

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

Right Out: 1504.162+/-0.806 χ^2/NDF : 32939.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

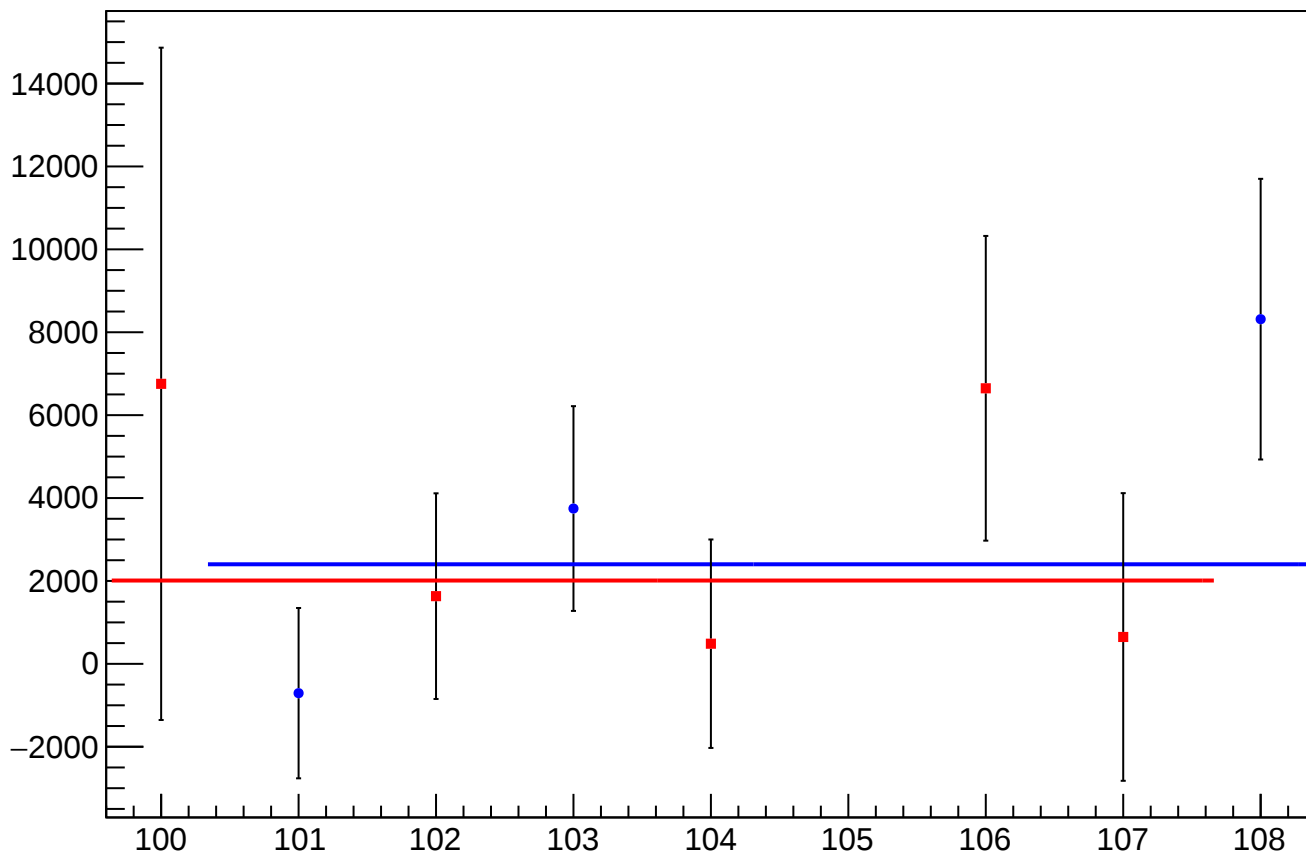
Right: 1429.250+/-0.563 χ^2/NDF : 128748.9/7

In: 1357.936+/-0.787 χ^2/NDF : 78958.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1429.250+/-0.563 χ^2/NDF : 128748.9/7

asym_usr_mean vs Slug, Sign Corrected



Right In: 2402.037+/-1431.477 χ^2/NDF : 5.6/2

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

Right Out: 2010.133+/-1424.363 χ^2/NDF : 2.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

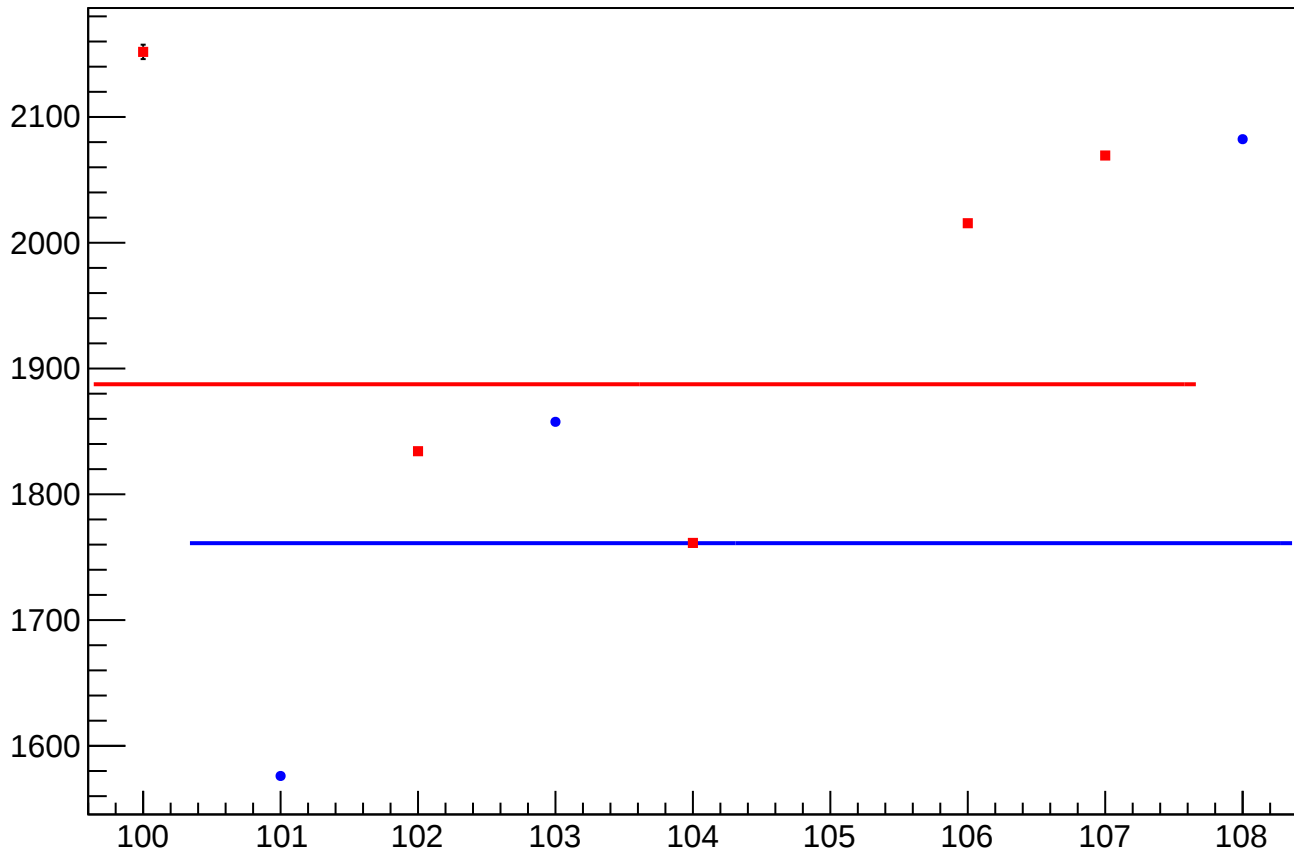
Right: 2205.109+/-1009.683 χ^2/NDF : 8.2/7

In: 2402.037+/-1431.477 χ^2/NDF : 5.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2205.109+/-1009.683 χ^2/NDF : 8.2/7

asym_usr_rms vs Slug, Sign Corrected



Right In: 1761.145+/-1.012 χ^2/NDF : 37282.4/2

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

Right Out: 1887.494+/-1.007 χ^2/NDF : 15999.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

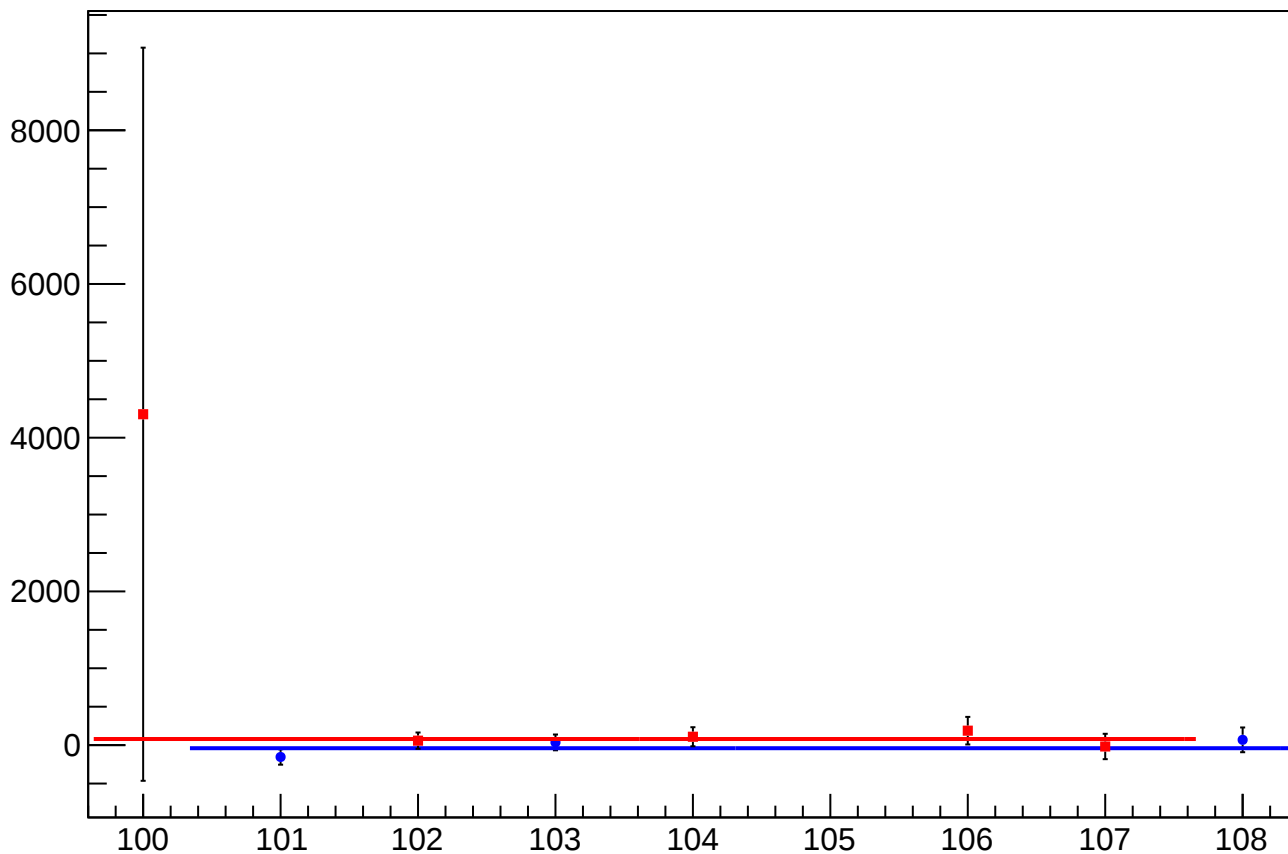
Right: 1824.634+/-0.714 χ^2/NDF : 61111.2/7

In: 1761.145+/-1.012 χ^2/NDF : 37282.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1824.634+/-0.714 χ^2/NDF : 61111.2/7

reg_asym_dsl_mean vs Slug, Sign Corrected



Right In: -40.180 ± 65.557 χ^2/NDF : 2.3/2

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

Right Out: 79.529 ± 67.114 χ^2/NDF : 1.6/4

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

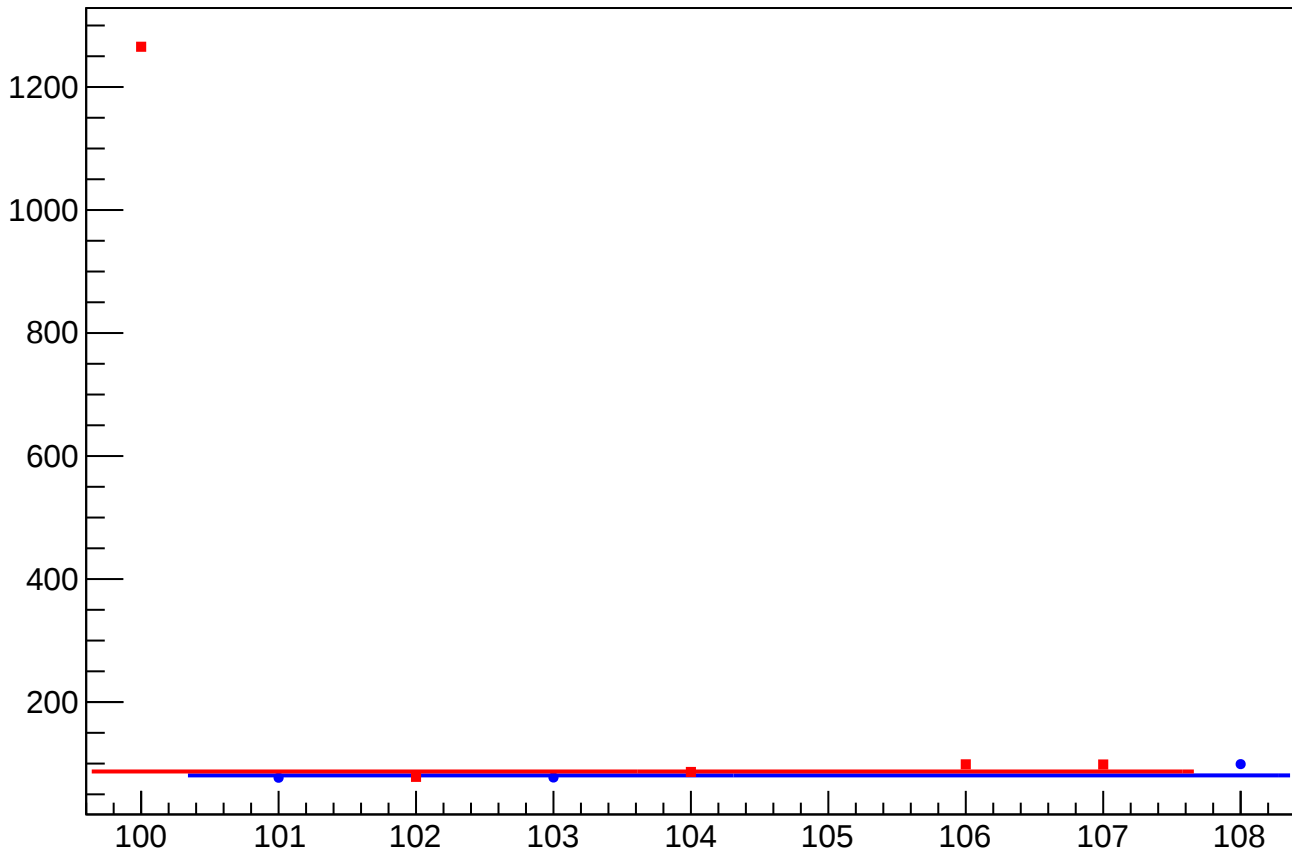
Right: 18.269 ± 46.897 χ^2/NDF : 5.5/7

In: -40.180 ± 65.557 χ^2/NDF : 2.3/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 18.269 ± 46.897 χ^2/NDF : 5.5/7

reg_asym_dsl_rms vs Slug, Sign Corrected



Right In: 80.785+/-0.046 χ^2/NDF : 31036.5/2

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

Right Out: 87.149+/-0.047 χ^2/NDF : 153598.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

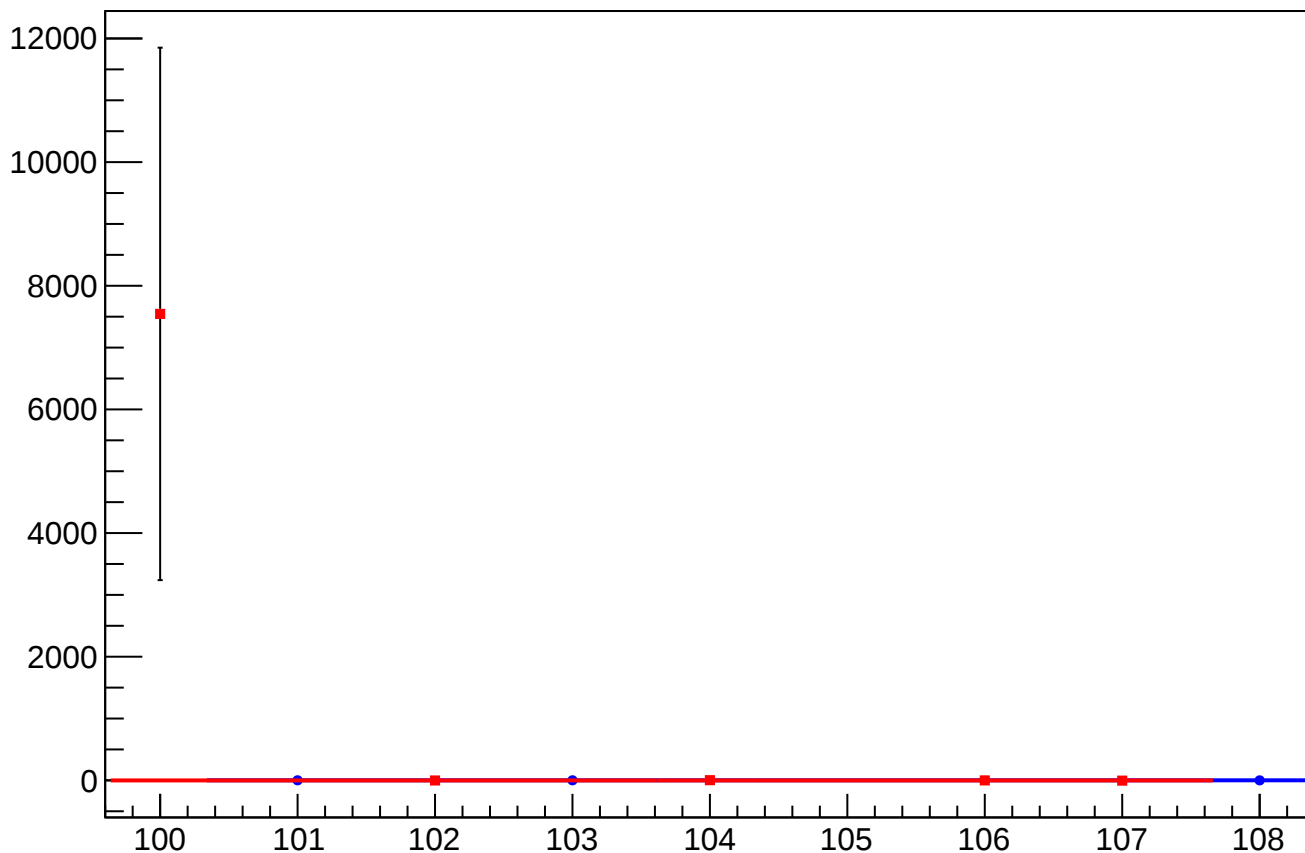
Right: 83.893+/-0.033 χ^2/NDF : 193838.1/7

In: 80.785+/-0.046 χ^2/NDF : 31036.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.893+/-0.033 χ^2/NDF : 193838.1/7

asym_dsl_correction_mean vs Slug, Sign Corrected



Right In: 0.717+/-0.980 χ^2/NDF : 0.1/2

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

Right Out: -0.993+/-1.161 χ^2/NDF : 8.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

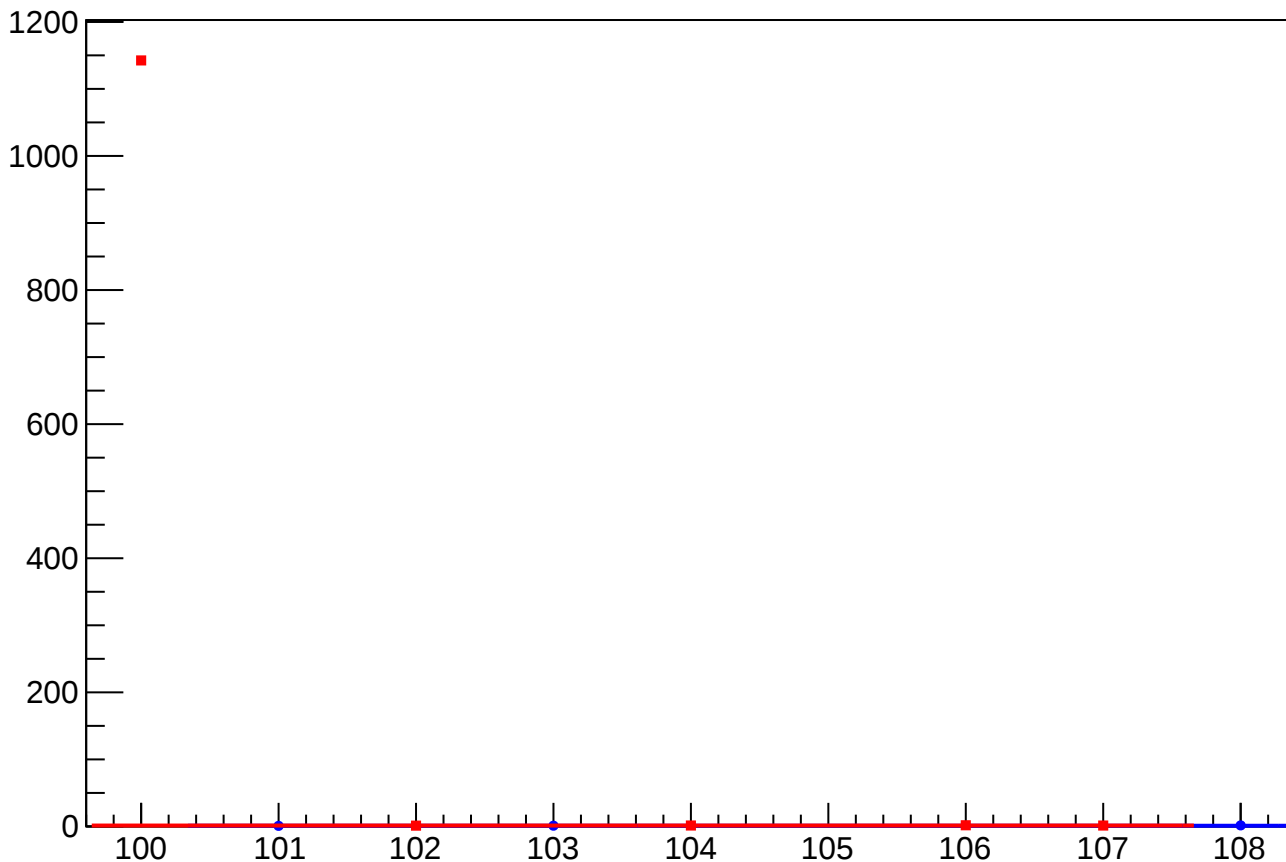
Right: 0.005+/-0.749 χ^2/NDF : 9.9/7

In: 0.717+/-0.980 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.749 χ^2/NDF : 9.9/7

asym_dsl_correction_rms vs Slug, Sign Corrected



Right In: 1.046+/-0.001 χ^2/NDF : 109384.8/2

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

Right Out: 1.369+/-0.001 χ^2/NDF : 183845.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

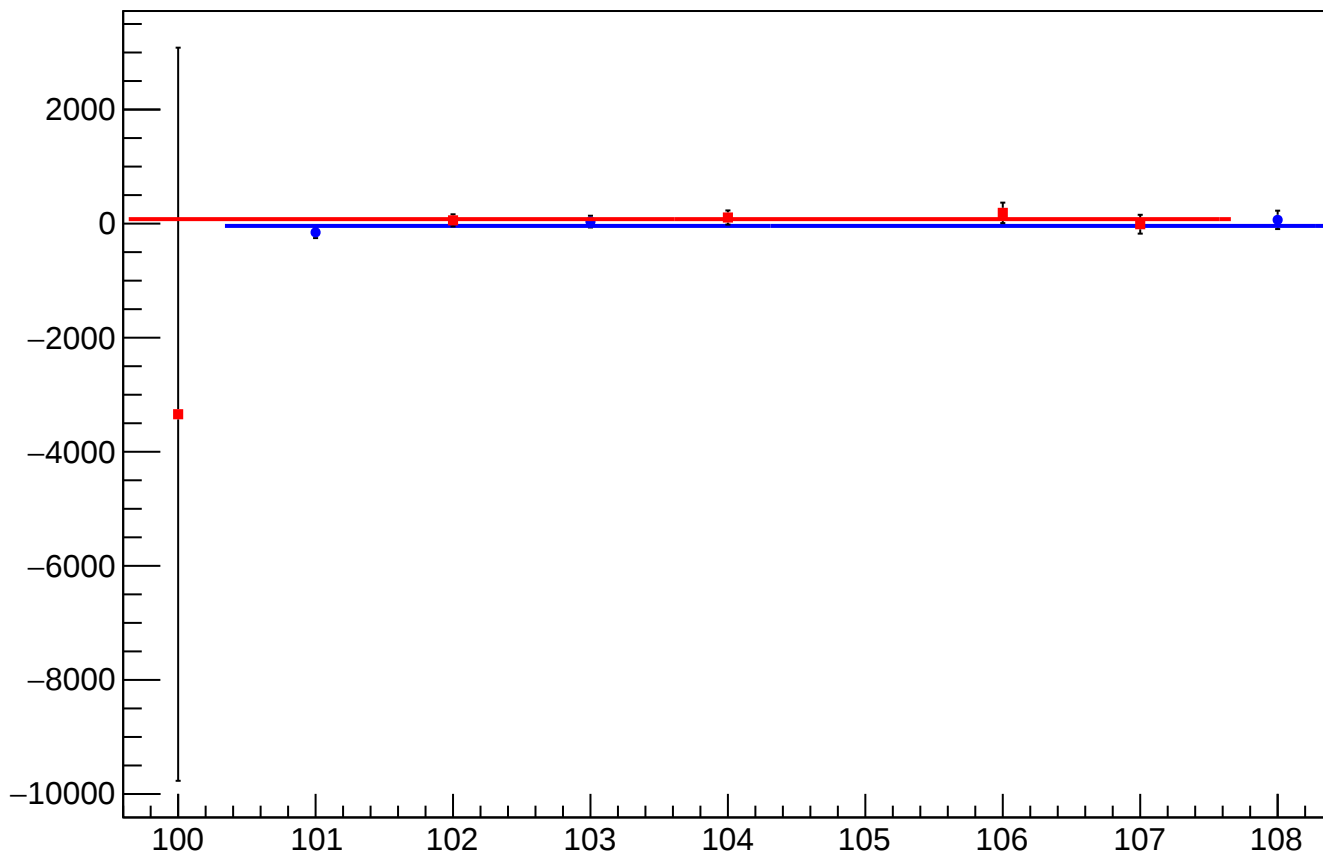
Right: 1.181+/-0.001 χ^2/NDF : 383887.0/7

In: 1.046+/-0.001 χ^2/NDF : 109384.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.181+/-0.001 χ^2/NDF : 383887.0/7

asym_dsl_mean vs Slug, Sign Corrected



Right In: -40.240+/-65.573 χ^2/NDF : 2.2/2

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

Right Out: 78.701+/-67.136 χ^2/NDF : 1.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

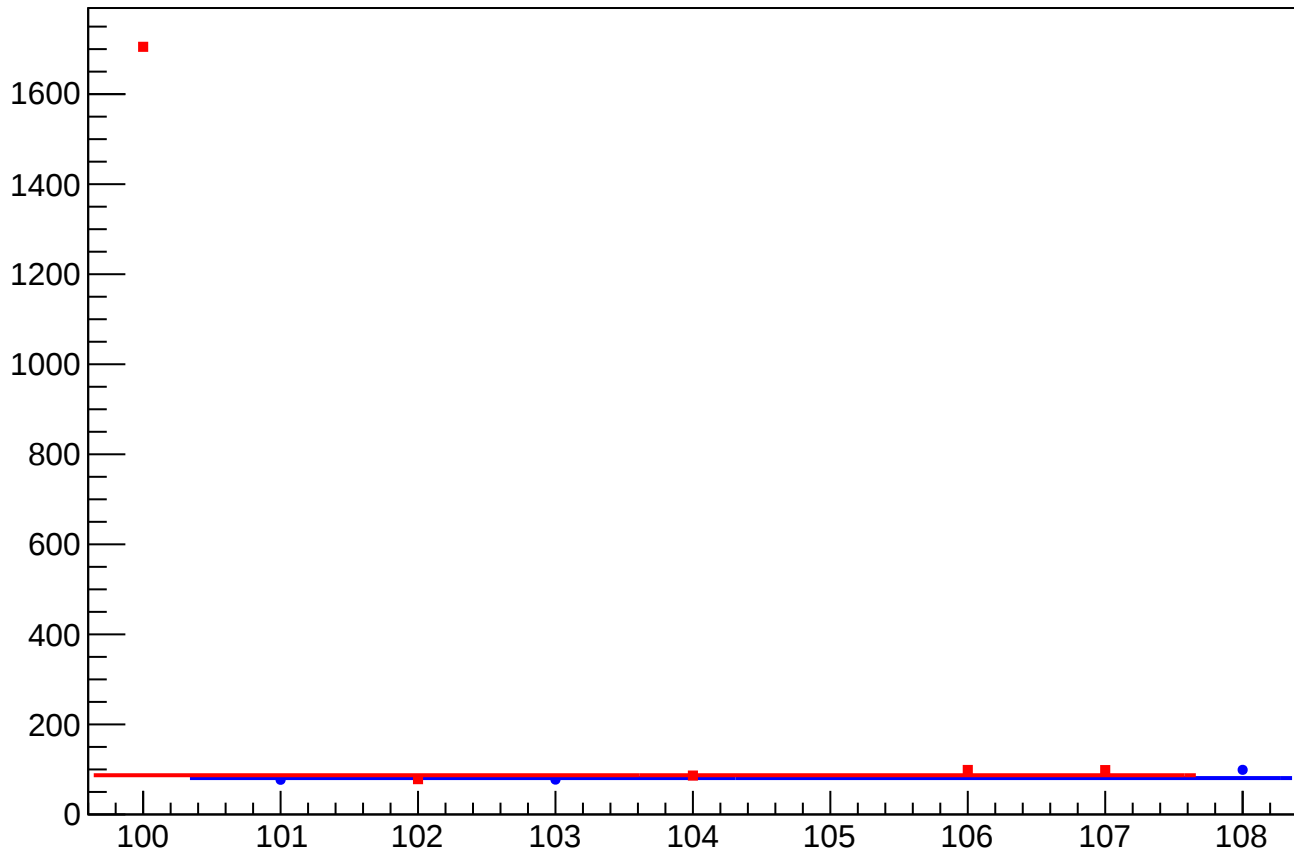
Right: 17.830+/-46.910 χ^2/NDF : 4.9/7

In: -40.240+/-65.573 χ^2/NDF : 2.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.830+/-46.910 χ^2/NDF : 4.9/7

asym_dsl_rms vs Slug, Sign Corrected



Right In: 80.805 $\pm$ 0.046 χ^2 /NDF: 31036.8/2

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

Right Out: 87.116 $\pm$ 0.047 χ^2 /NDF: 158278.3/4

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

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

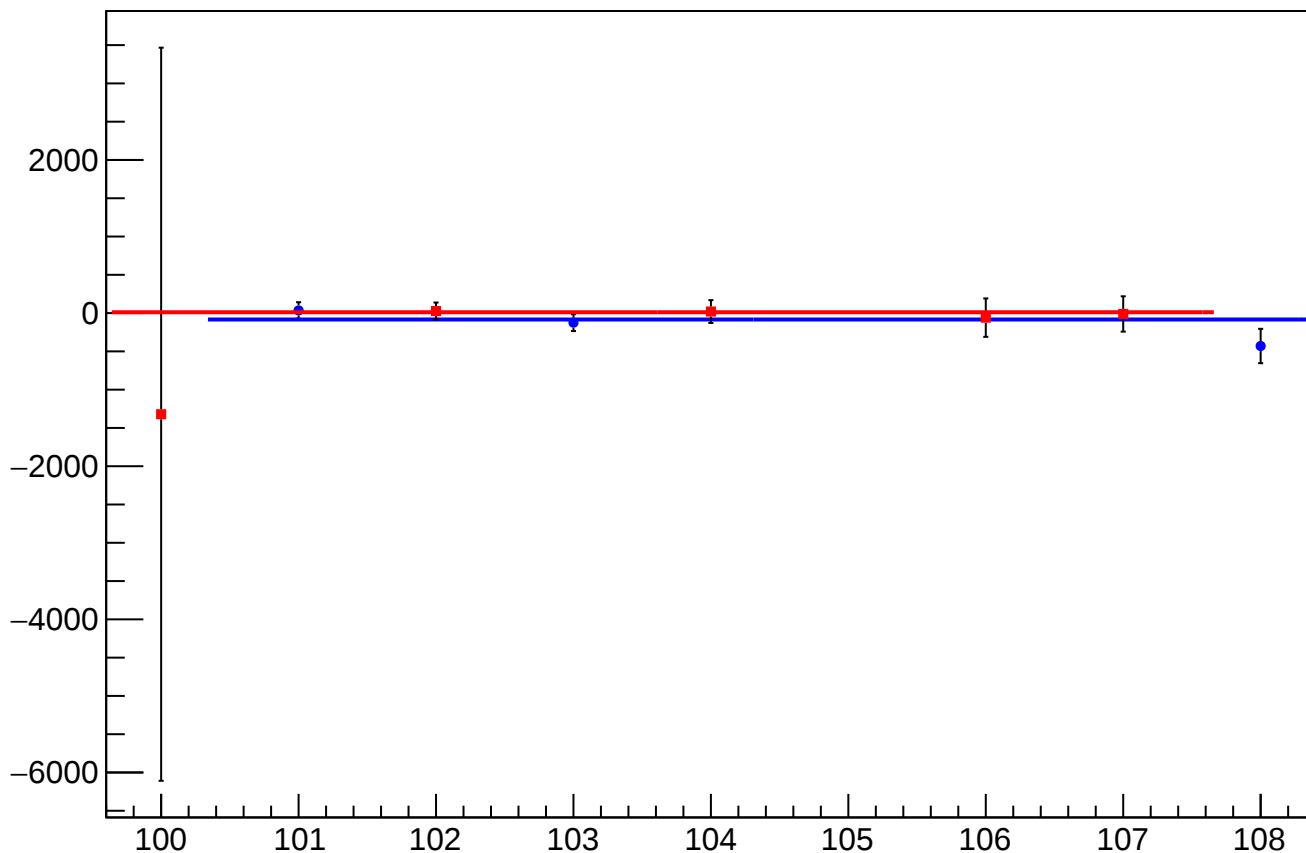
Right: 83.886 $\pm$ 0.033 χ^2 /NDF: 198361.1/7

In: 80.805 $\pm$ 0.046 χ^2 /NDF:31036.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 83.886 $\pm$ 0.033 χ^2 /NDF: 198361.1/7

reg_asym_dsr_mean vs Slug, Sign Corrected



Right In: -83.642 ± 72.719 χ^2/NDF : 3.7/2

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

Right Out: 11.156 ± 79.096 χ^2/NDF : 0.2/4

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

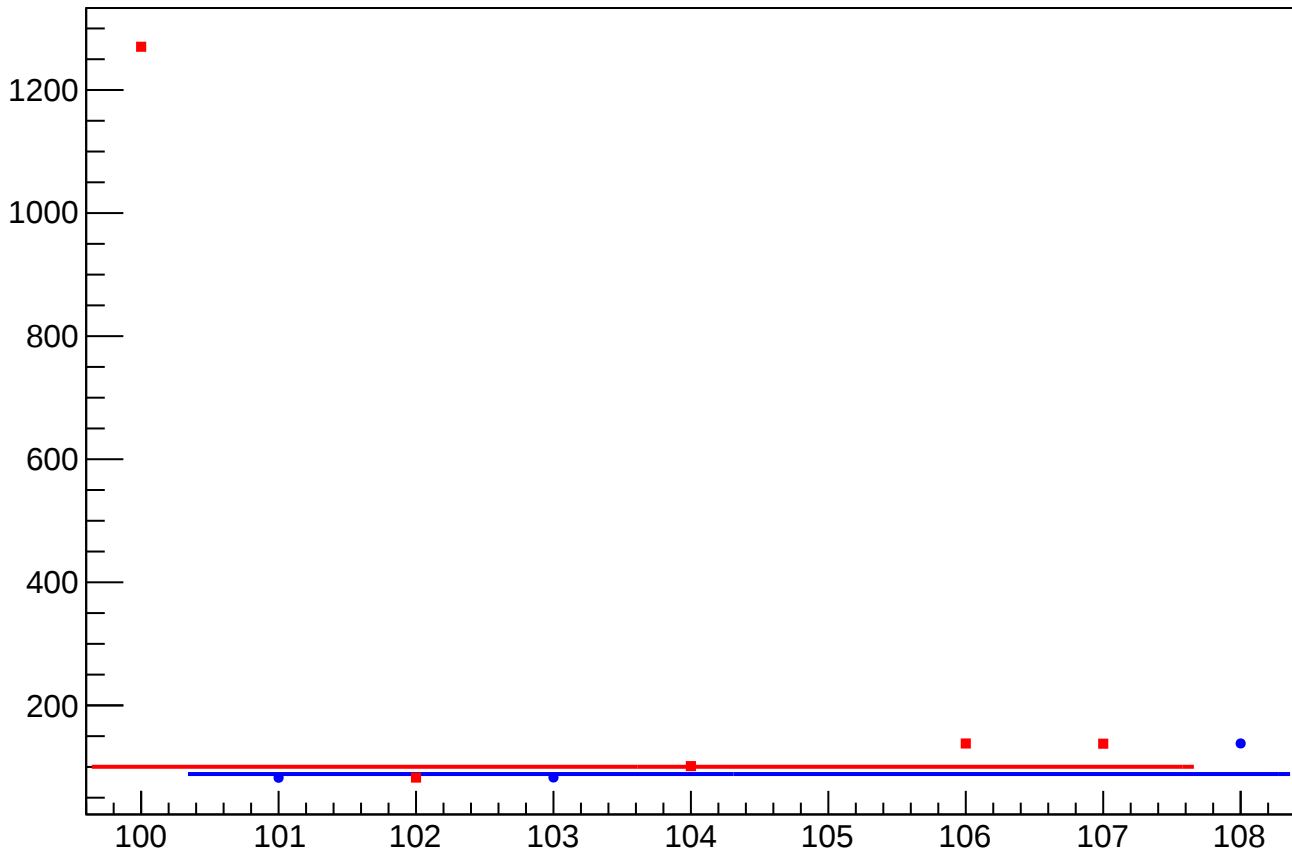
Right: -40.217 ± 53.533 χ^2/NDF : 4.7/7

In: -83.642 ± 72.719 χ^2/NDF : 3.7/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.217 ± 53.533 χ^2/NDF : 4.7/7

reg_asym_dsr_rms vs Slug, Sign Corrected



Right In: 88.441 $\pm$ 0.051 χ^2 /NDF: 109596.1/2

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

Right Out: 100.238 $\pm$ 0.056 χ^2 /NDF: 267261.1/4

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

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

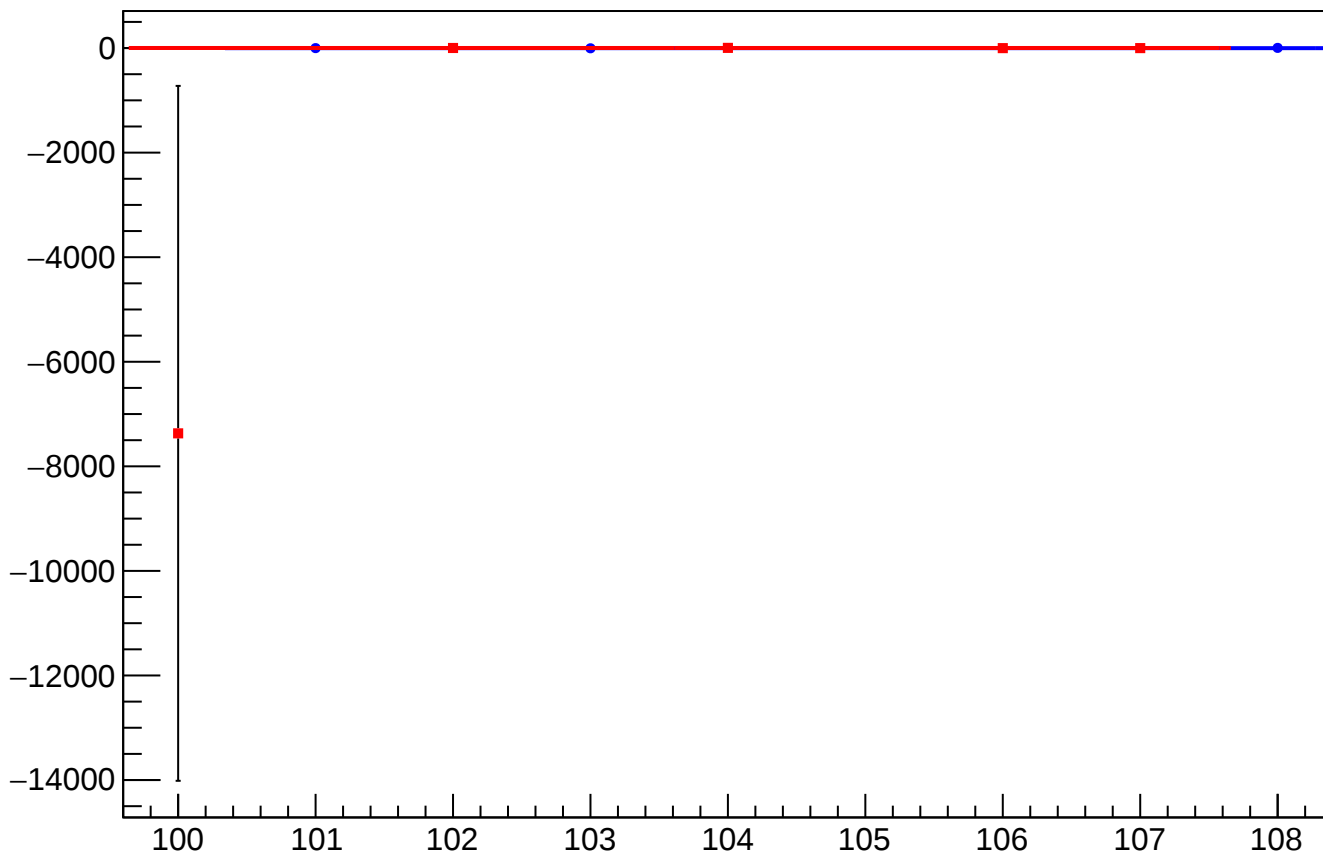
Right: 93.845 $\pm$ 0.038 χ^2 /NDF: 400964.3/7

In: 88.441 $\pm$ 0.051 χ^2 /NDF:109596.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 93.845 $\pm$ 0.038 χ^2 /NDF: 400964.3/7

asym_dsr_correction_mean vs Slug, Sign Corrected



Right In: -1.937+/-1.316 χ^2/NDF : 3.5/2

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

Right Out: 1.426+/-1.448 χ^2/NDF : 2.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

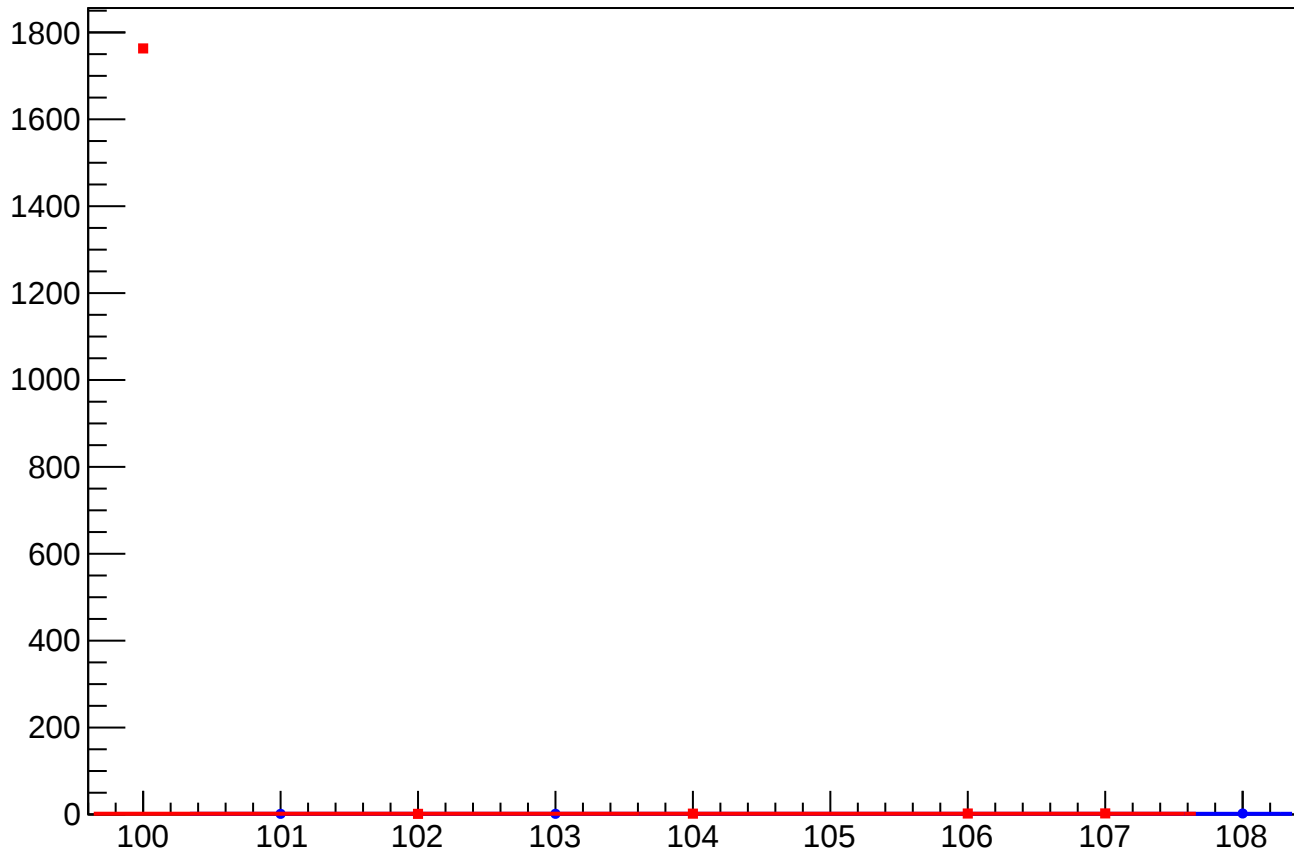
Right: -0.417+/-0.974 χ^2/NDF : 8.9/7

In: -1.937+/-1.316 χ^2/NDF : 3.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.417+/-0.974 χ^2/NDF : 8.9/7

asym_dsr_correction_rms vs Slug, Sign Corrected



Right In: 1.488+/-0.001 χ^2/NDF : 76703.5/2

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

Right Out: 1.695+/-0.001 χ^2/NDF : 278990.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

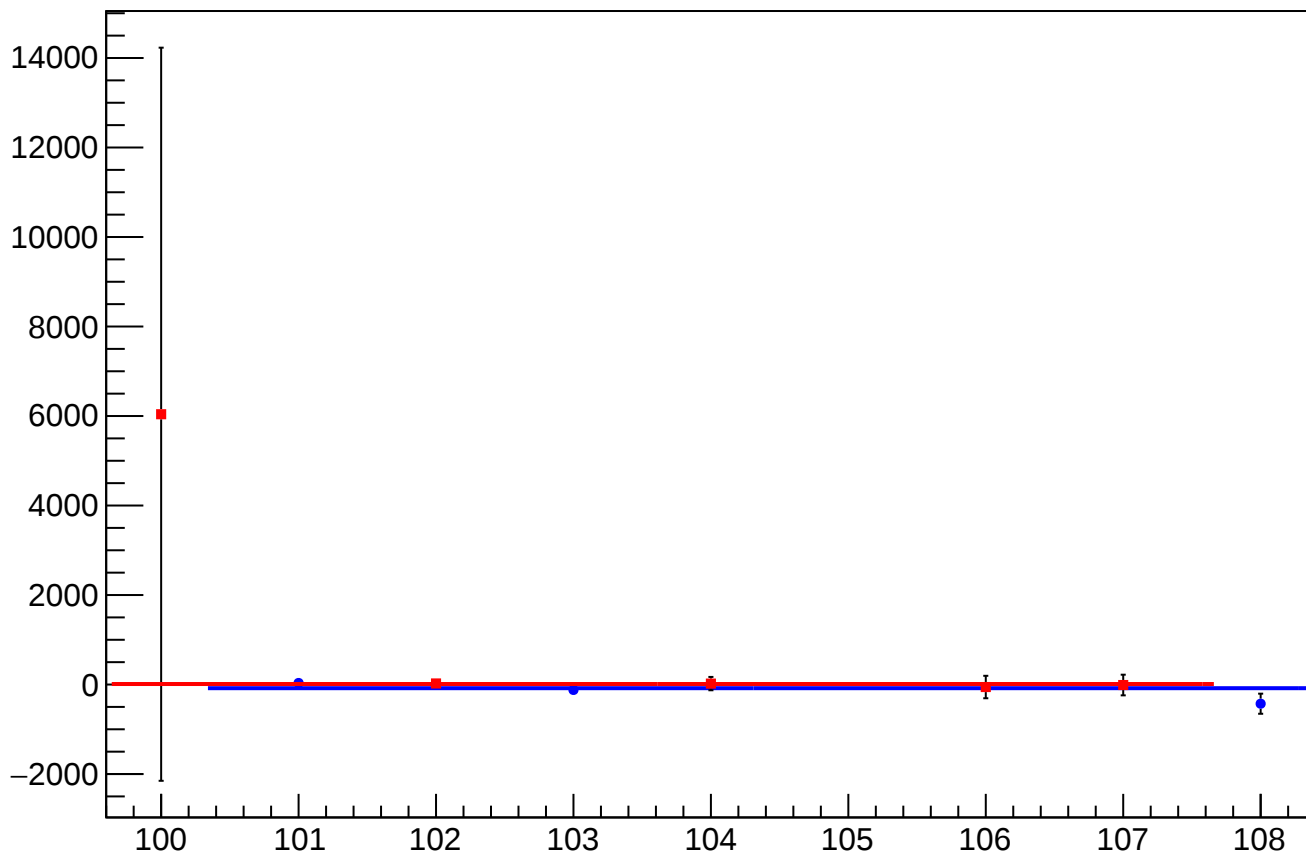
Right: 1.582+/-0.001 χ^2/NDF : 377940.0/7

In: 1.488+/-0.001 χ^2/NDF : 76703.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.582+/-0.001 χ^2/NDF : 377940.0/7

asym_dsr_mean vs Slug, Sign Corrected



Right In: -81.683+/-72.739 χ^2/NDF : 3.7/2

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

Right Out: 11.725+/-79.125 χ^2/NDF : 0.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

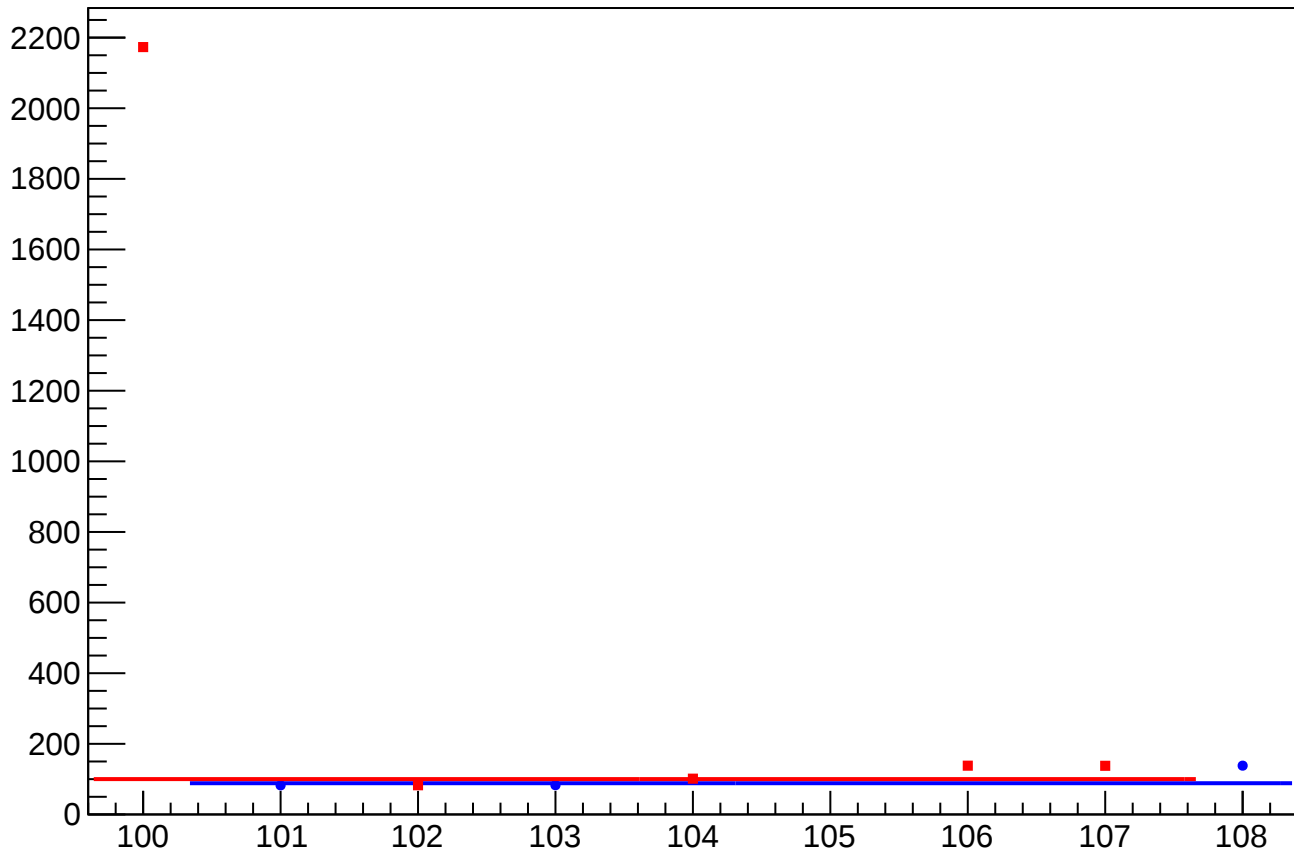
Right: -38.900+/-53.550 χ^2/NDF : 5.1/7

In: -81.683+/-72.739 χ^2/NDF : 3.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.900+/-53.550 χ^2/NDF : 5.1/7

asym_dsr_rms vs Slug, Sign Corrected



Right In: 88.465+/-0.051 χ^2/NDF : 109609.9/2

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

Right Out: 100.139+/-0.056 χ^2/NDF : 275927.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

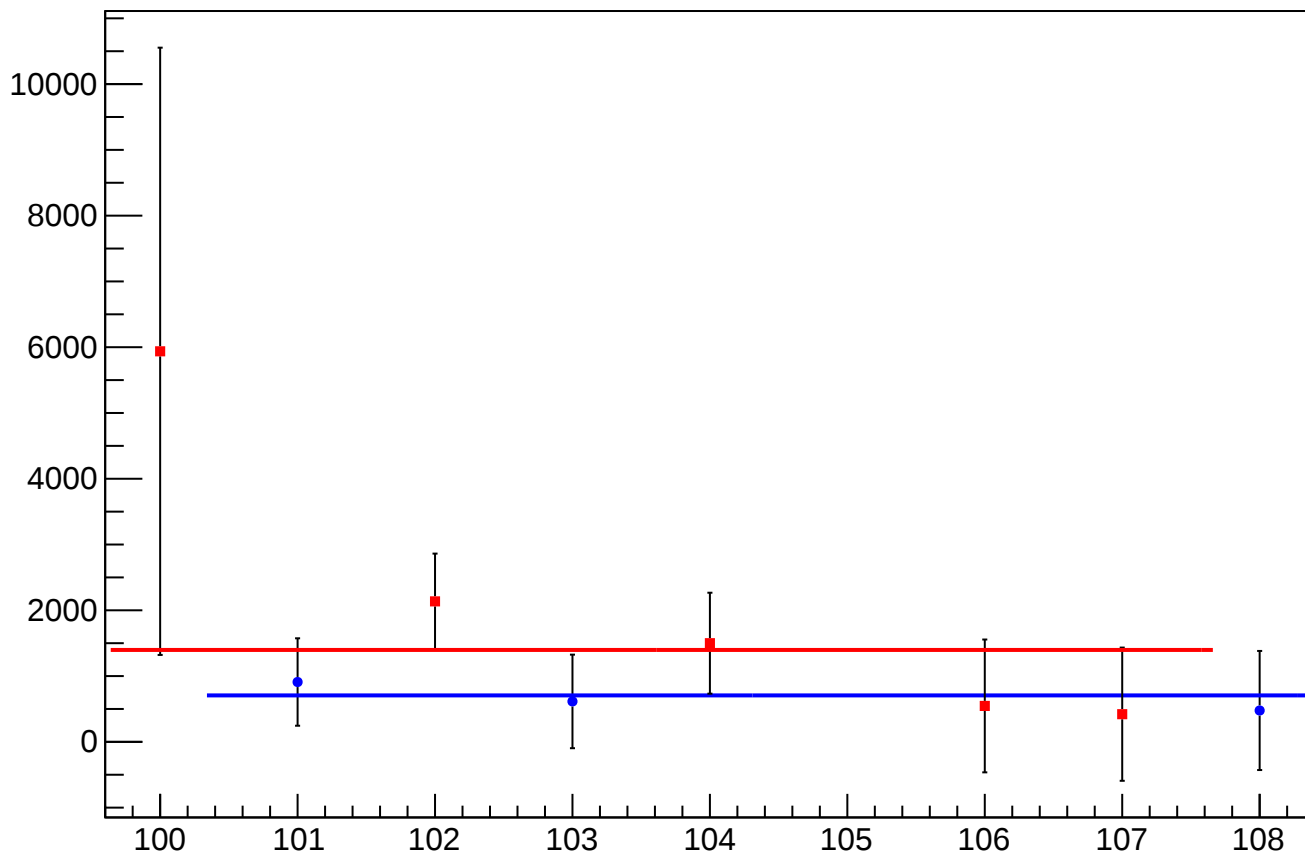
Right: 93.812+/-0.038 χ^2/NDF : 409133.7/7

In: 88.465+/-0.051 χ^2/NDF : 109609.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.812+/-0.038 χ^2/NDF : 409133.7/7

reg_asym_left_avg_mean vs Slug, Sign Corrected



Right In: 706.149+/-427.932 χ^2/NDF : 0.2/2

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

Right Out: 1397.301+/-422.658 χ^2/NDF : 3.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

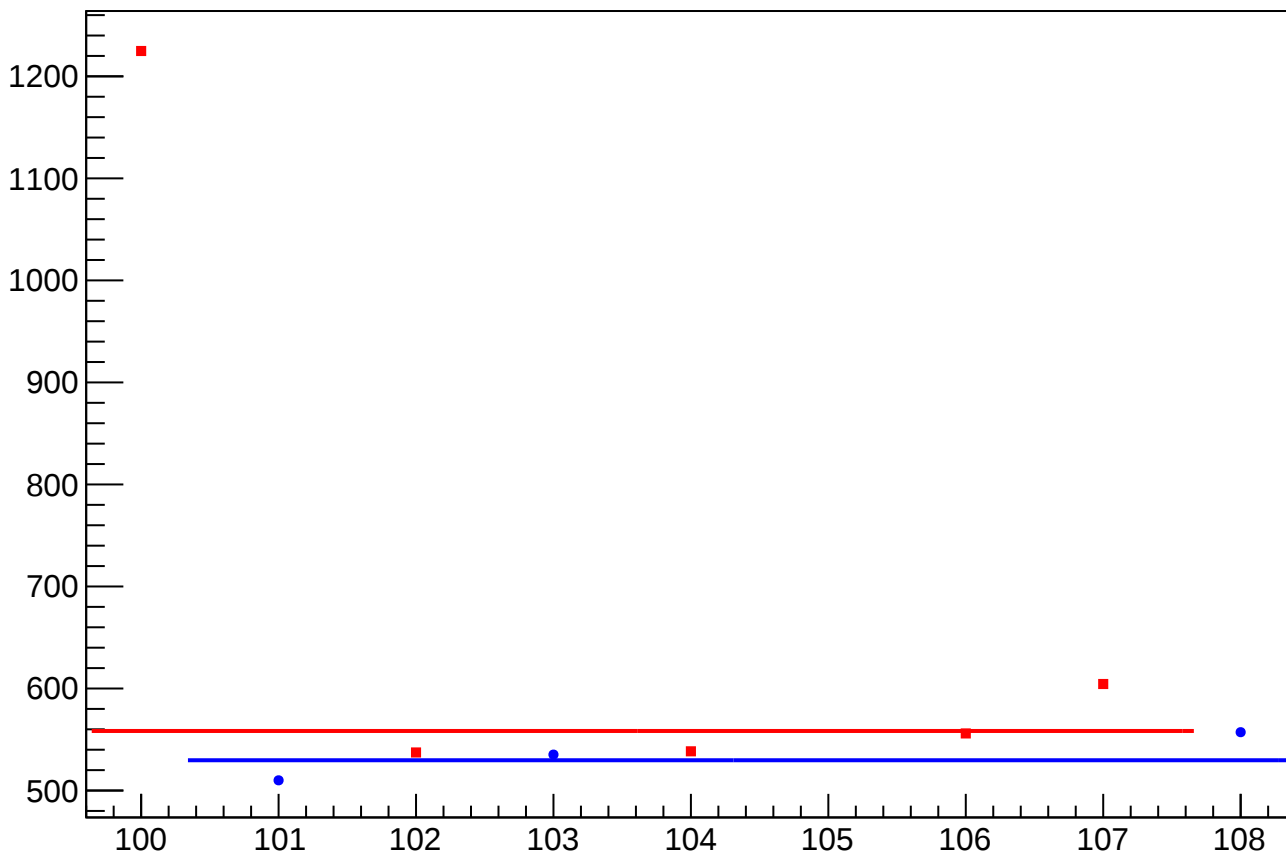
Right: 1056.011+/-300.712 χ^2/NDF : 5.2/7

In: 706.149+/-427.932 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1056.011+/-300.712 χ^2/NDF : 5.2/7

reg_asym_left_avg_rms vs Slug, Sign Corrected



Right In: 529.681+/-0.303 χ^2/NDF : 3719.6/2

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

Right Out: 558.376+/-0.299 χ^2/NDF : 48863.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

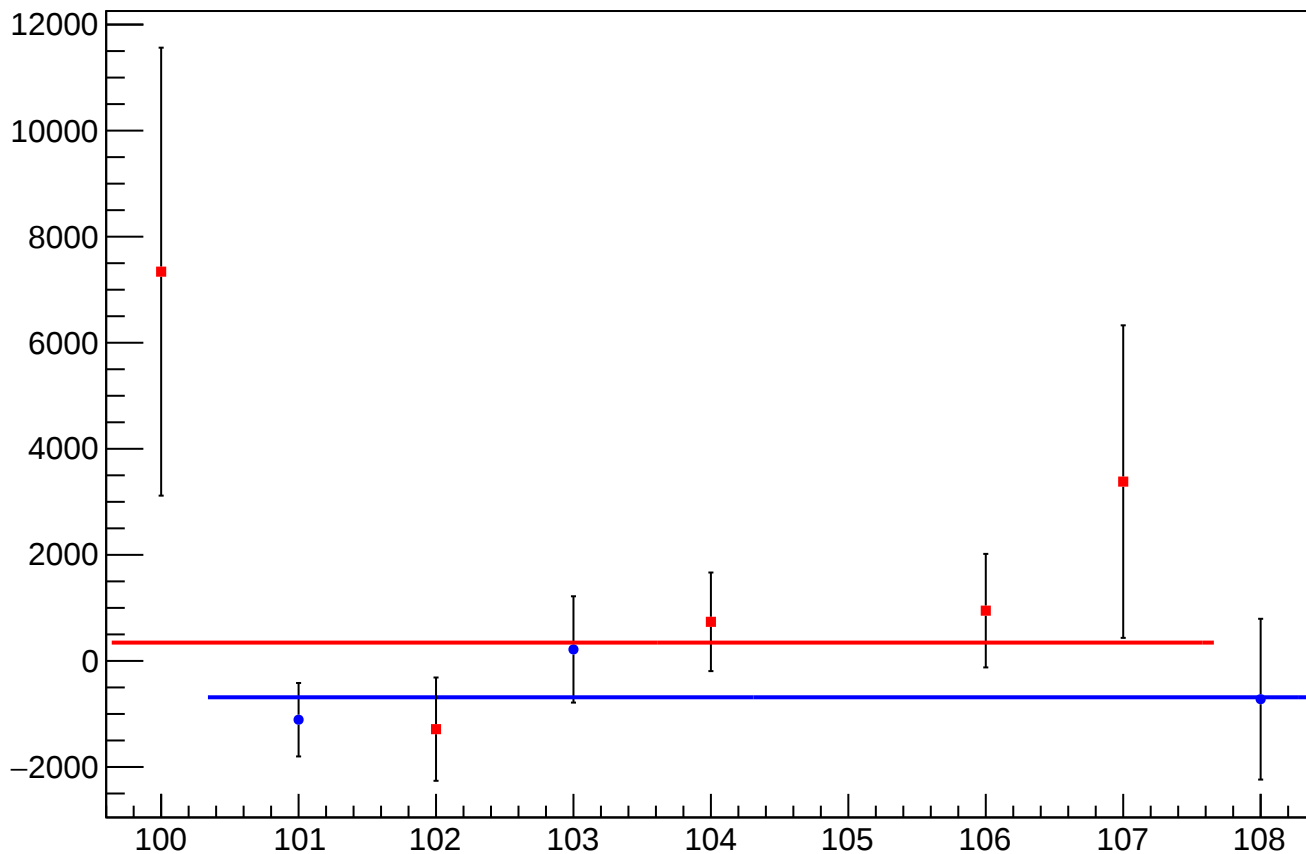
Right: 544.207+/-0.213 χ^2/NDF : 57135.2/7

In: 529.681+/-0.303 χ^2/NDF : 3719.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 544.207+/-0.213 χ^2/NDF : 57135.2/7

asym_left_avg_correction_mean vs Slug, Sign Corrected



Right In: -685.519+/-533.337 χ^2/NDF : 1.2/2

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

Right Out: 345.556+/-554.224 χ^2/NDF : 7.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

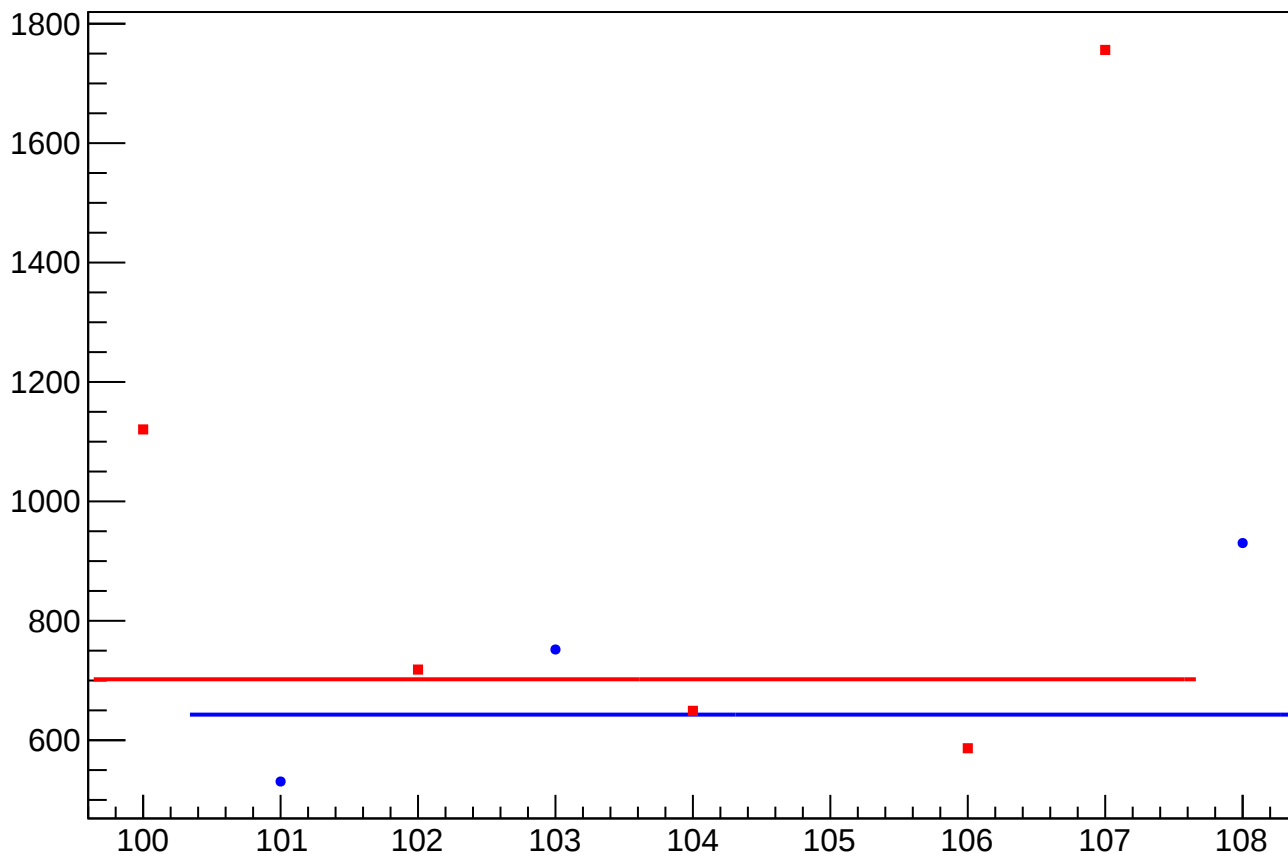
Right: -189.777+/-384.298 χ^2/NDF : 10.1/7

In: -685.519+/-533.337 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -189.777+/-384.298 χ^2/NDF : 10.1/7

asym_left_avg_correction_rms vs Slug, Sign Corrected



Right In: 642.885+/-0.377 χ^2/NDF : 147886.5/2

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

Right Out: 702.084+/-0.392 χ^2/NDF : 305821.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

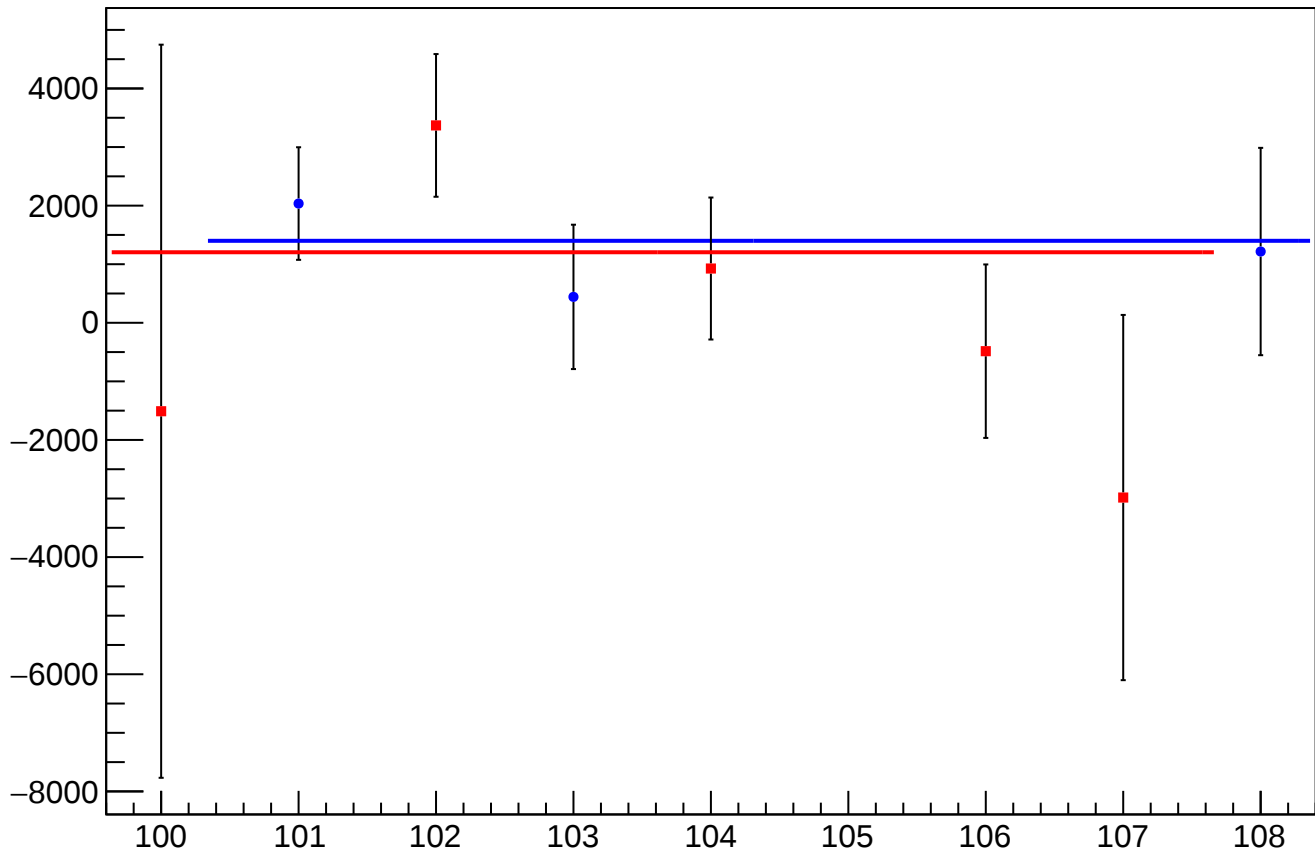
Right: 671.348+/-0.272 χ^2/NDF : 465555.0/7

In: 642.885+/-0.377 χ^2/NDF : 147886.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 671.348+/-0.272 χ^2/NDF : 465555.0/7

asym_left_avg_mean vs Slug, Sign Corrected



Right In: 1399.470+/-696.628 χ^2/NDF : 1.1/2

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

Right Out: 1204.137+/-718.090 χ^2/NDF : 6.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

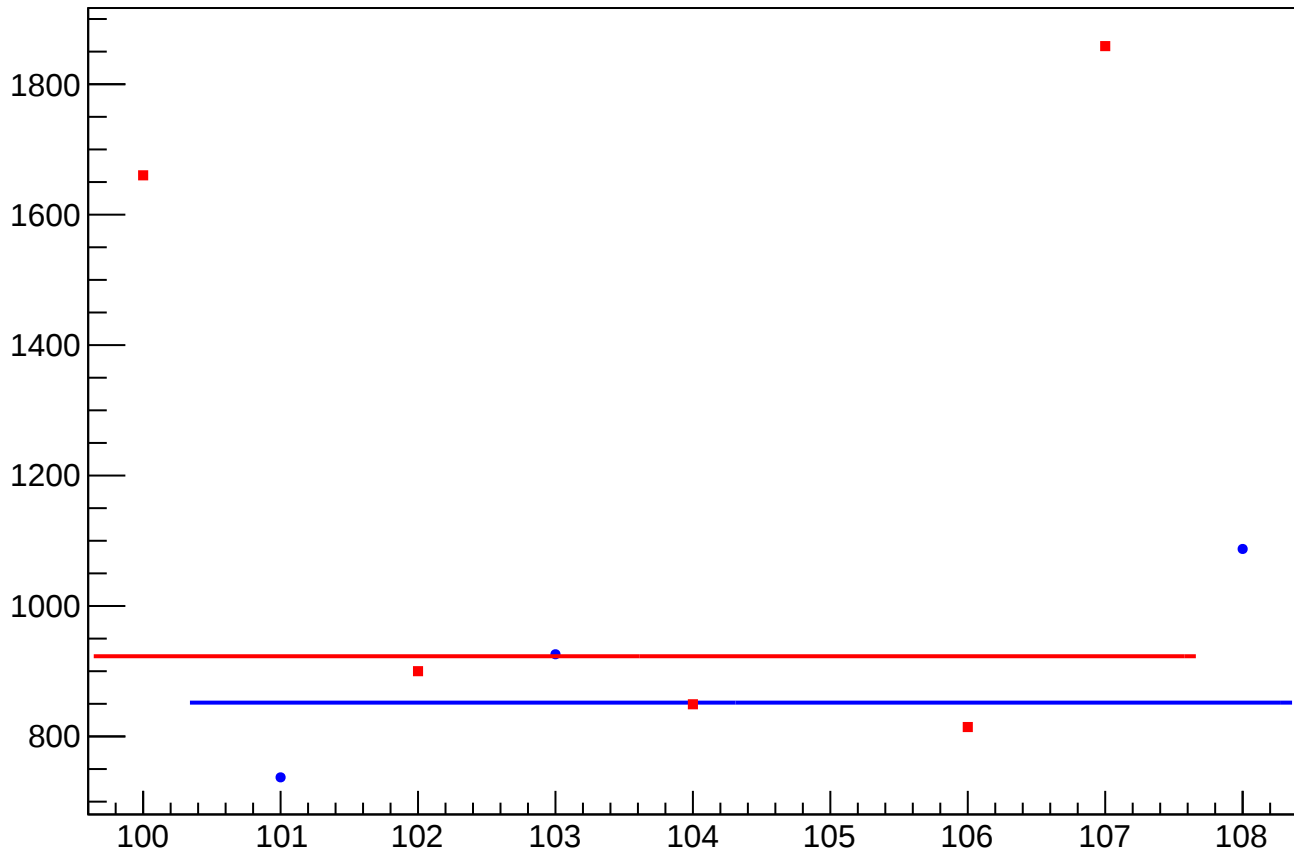
Right: 1304.766+/-500.006 χ^2/NDF : 7.6/7

In: 1399.470+/-696.628 χ^2/NDF : 1.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1304.766+/-500.006 χ^2/NDF : 7.6/7

asym_left_avg_rms vs Slug, Sign Corrected



Right In: 851.832+/-0.493 χ^2/NDF : 71124.5/2

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

Right Out: 922.949+/-0.508 χ^2/NDF : 226688.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

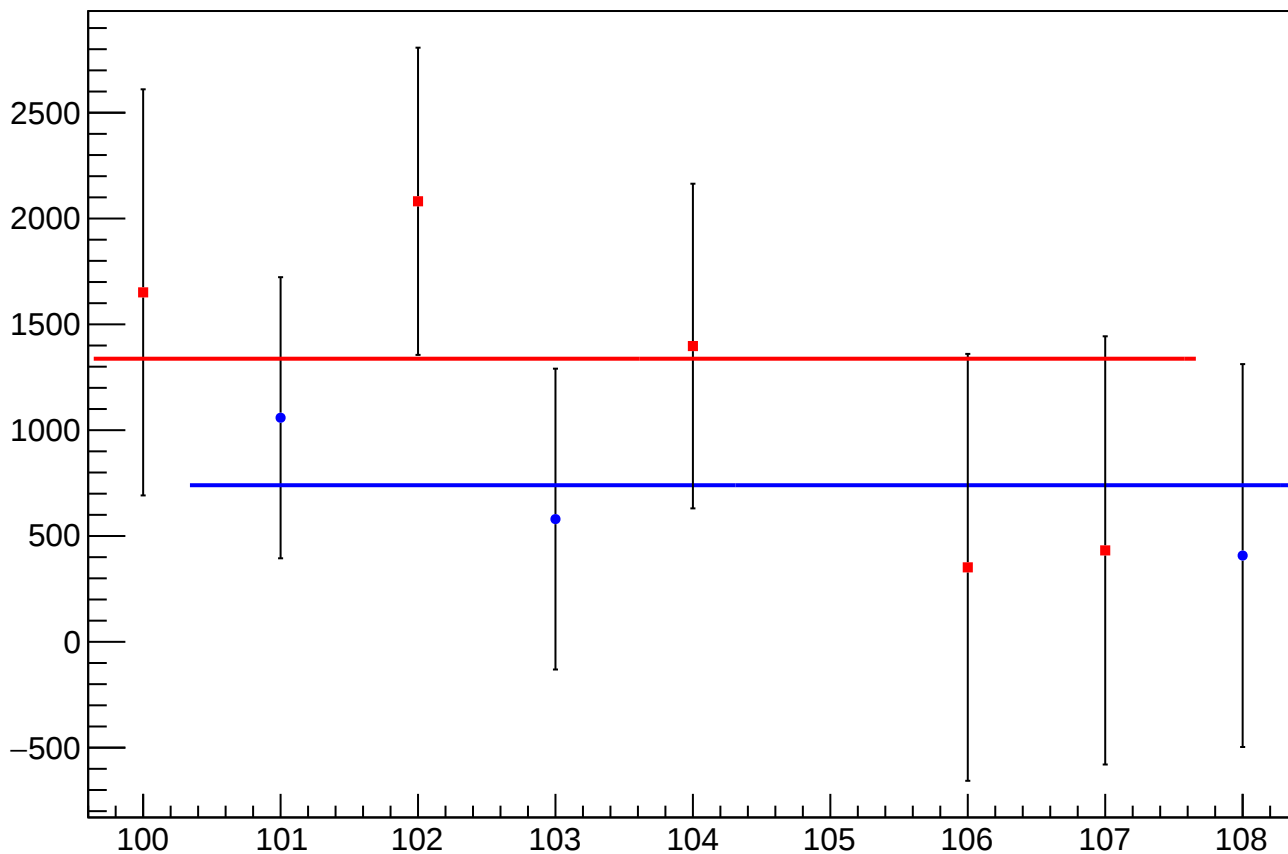
Right: 886.312+/-0.354 χ^2/NDF : 307918.7/7

In: 851.832+/-0.493 χ^2/NDF : 71124.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 886.312+/-0.354 χ^2/NDF : 307918.7/7

reg_asym_left_dd_mean vs Slug, Sign Corrected



Right In: 739.941 $\pm$ 427.585 χ^2 /NDF: 0.4/2

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

Right Out: 1337.680 $\pm$ 387.918 χ^2 /NDF: 2.9/4

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

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

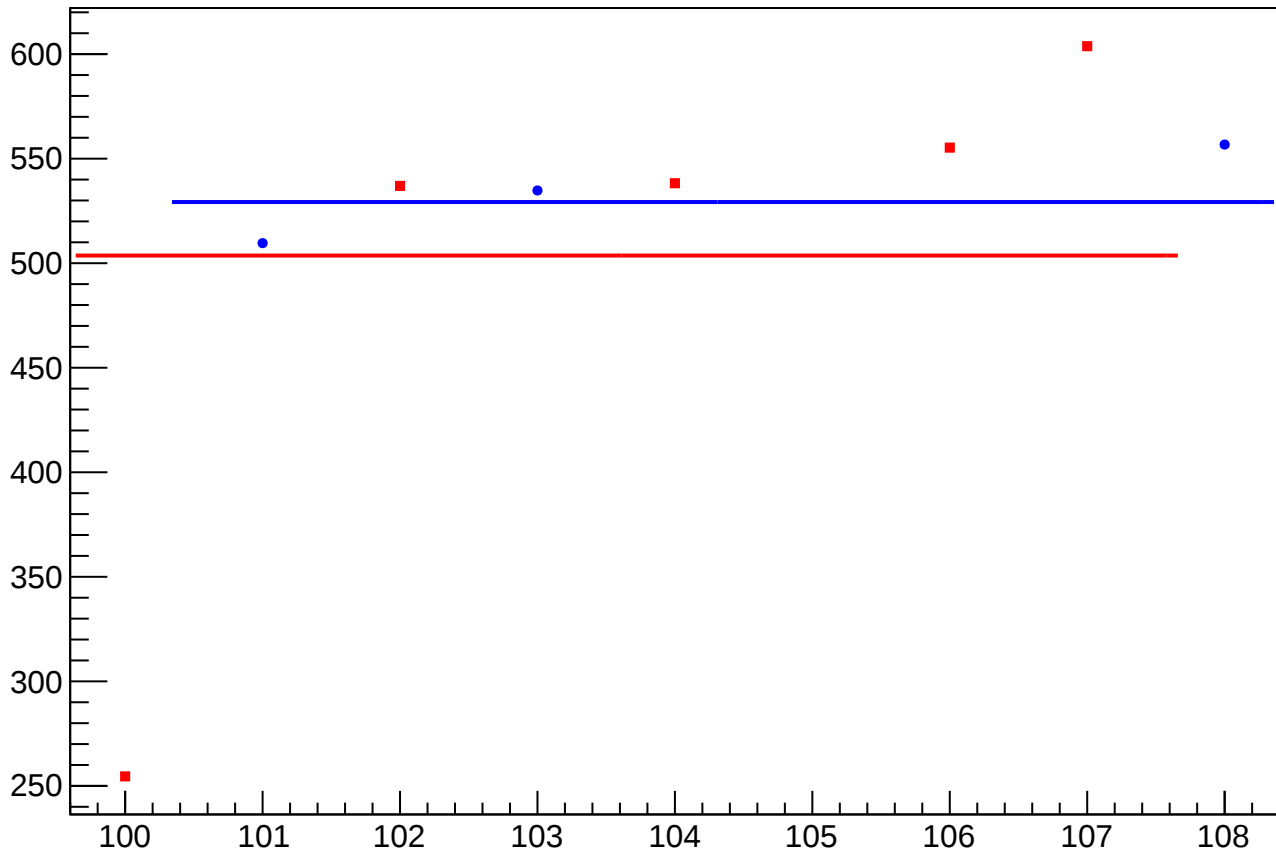
Right: 1067.817 $\pm$ 287.302 χ^2 /NDF: 4.4/7

In: 739.941 $\pm$ 427.585 χ^2 /NDF:0.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1067.817 $\pm$ 287.302 χ^2 /NDF: 4.4/7

reg_asym_left_dd_rms vs Slug, Sign Corrected



Right In: 529.251+/-0.302 χ^2/NDF : 3721.4/2

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

Right Out: 503.662+/-0.274 χ^2/NDF : 167959.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

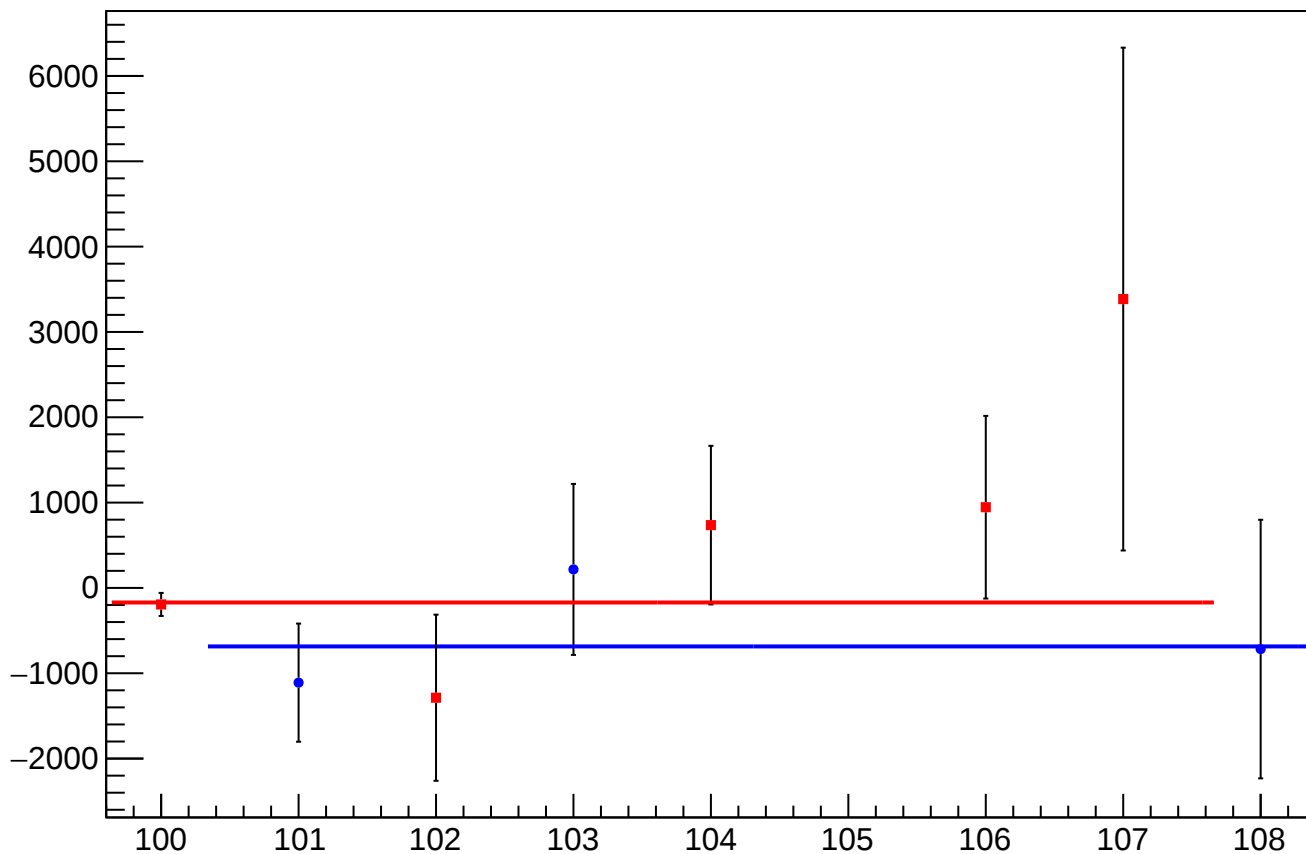
Right: 515.214+/-0.203 χ^2/NDF : 175610.0/7

In: 529.251+/-0.302 χ^2/NDF : 3721.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 515.214+/-0.203 χ^2/NDF : 175610.0/7

asym_left_dd_correction_mean vs Slug, Sign Corrected



Right In: -685.667+/-533.198 χ^2/NDF : 1.2/2

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

Right Out: -170.667+/-131.194 χ^2/NDF : 4.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

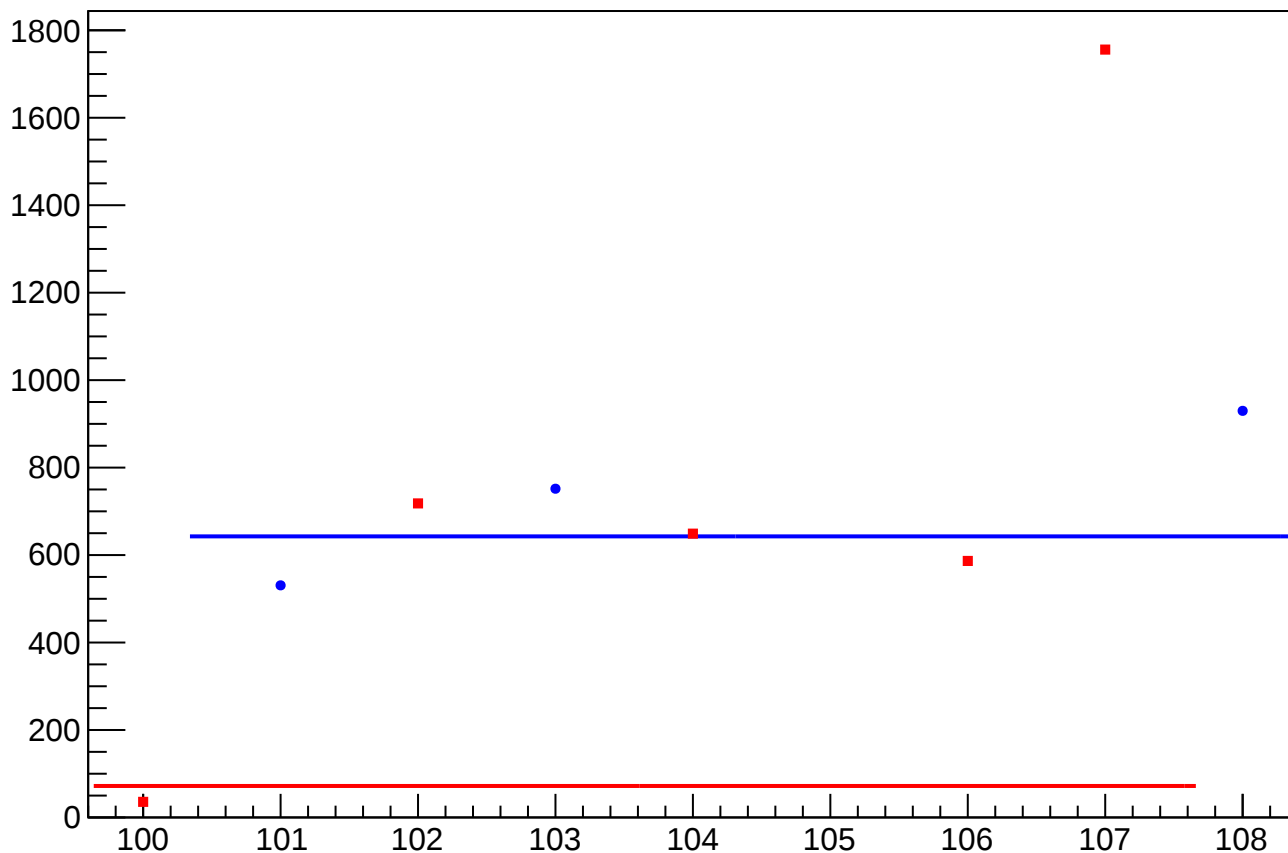
Right: -200.009+/-127.394 χ^2/NDF : 6.9/7

In: -685.667+/-533.198 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -200.009+/-127.394 χ^2/NDF : 6.9/7

asym_left_dd_correction_rms vs Slug, Sign Corrected



Right In: 642.737 $\pm$ 0.377 χ^2 /NDF: 147742.9/2

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

Right Out: 71.989 $\pm$ 0.093 χ^2 /NDF: 291225.2/4

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

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

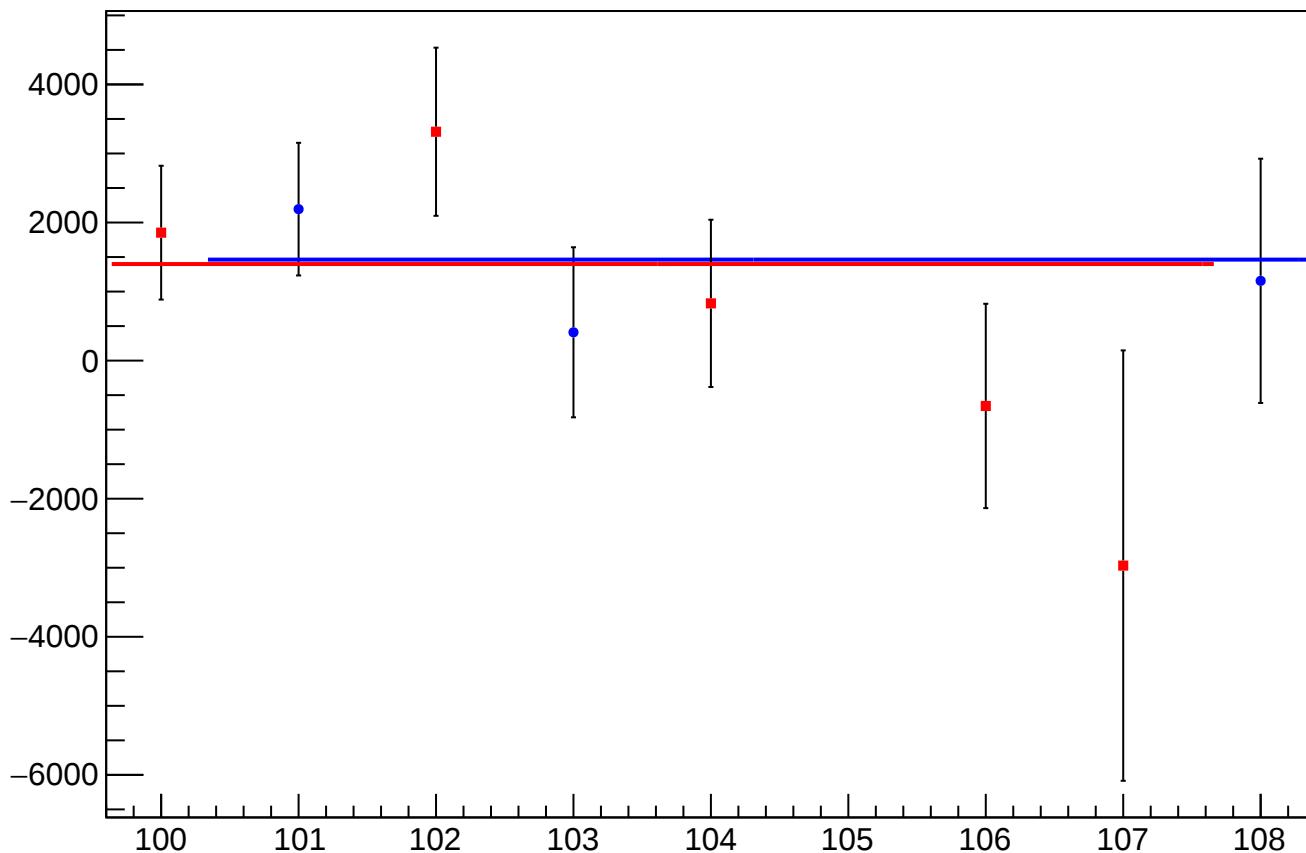
Right: 104.570 $\pm$ 0.090 χ^2 /NDF: 5220807.0/7

In: 642.737 $\pm$ 0.377 χ^2 /NDF:147742.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 104.570 $\pm$ 0.090 χ^2 /NDF: 5220807.0/7

asym_left_dd_mean vs Slug, Sign Corrected



Right In: 1462.963 $\pm$ 696.275 χ^2 /NDF: 1.3/2

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

Right Out: 1398.638 $\pm$ 579.260 χ^2 /NDF: 6.8/4

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

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

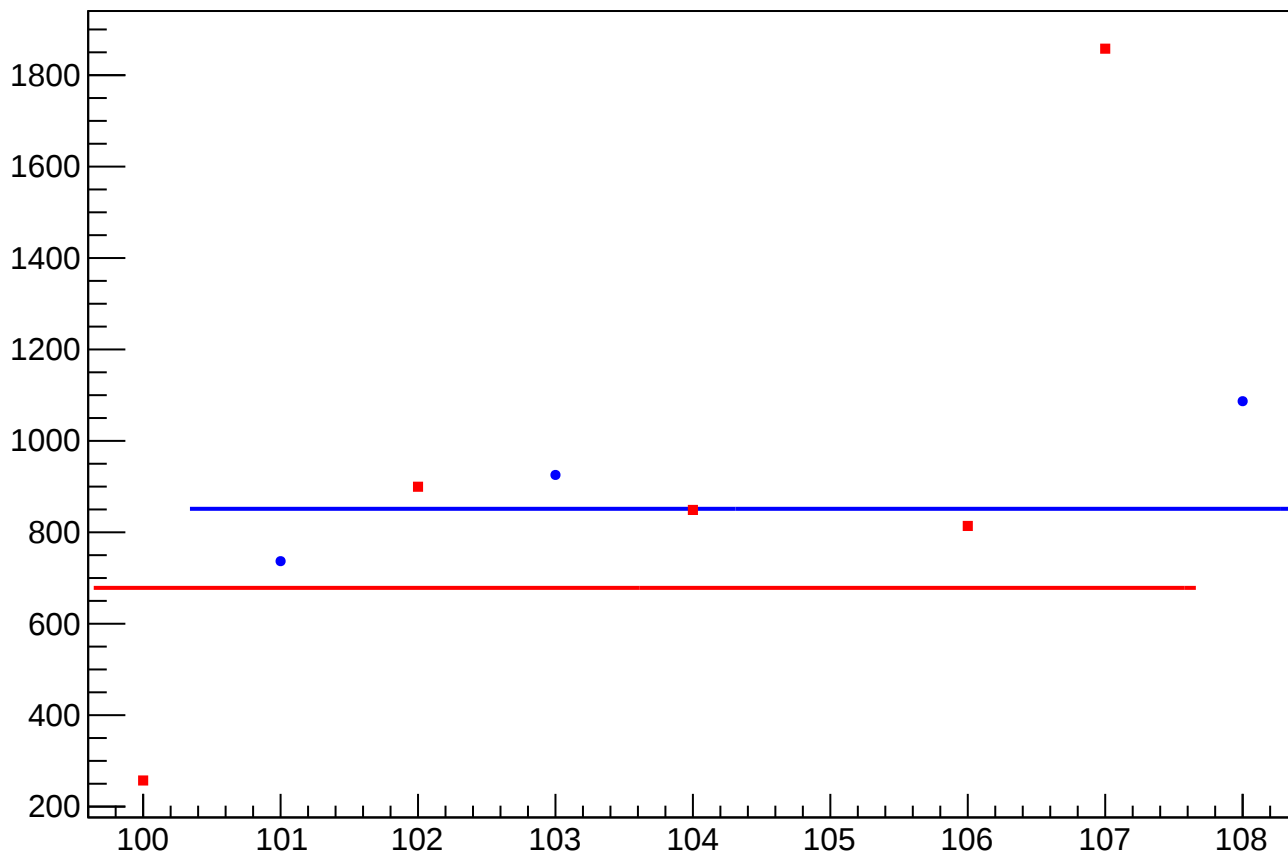
Right: 1424.949 $\pm$ 445.305 χ^2 /NDF: 8.2/7

In: 1462.963 $\pm$ 696.275 χ^2 /NDF: 1.3/2

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

All: 1424.949 $\pm$ 445.305 χ^2 /NDF: 8.2/7

asym_left_dd_rms vs Slug, Sign Corrected



Right In: 851.405+/-0.492 χ^2/NDF : 71098.2/2

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

Right Out: 678.471+/-0.410 χ^2/NDF : 786869.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

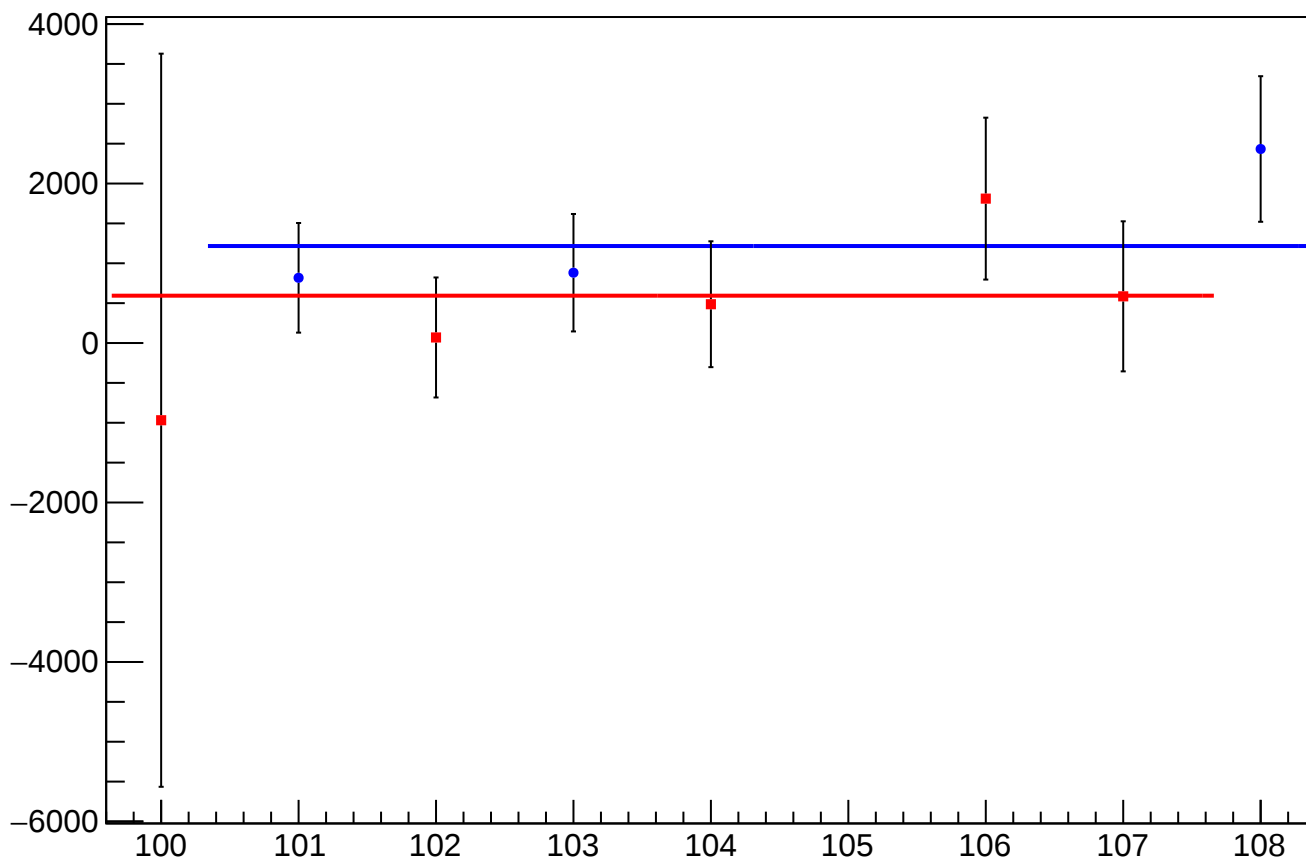
Right: 749.206+/-0.315 χ^2/NDF : 930879.4/7

In: 851.405+/-0.492 χ^2/NDF : 71098.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 749.206+/-0.315 χ^2/NDF : 930879.4/7

reg_asym_right_avg_mean vs Slug, Sign Corrected



Right In: 1216.299+/-440.218 χ^2/NDF : 2.3/2

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

Right Out: 593.651+/-425.663 χ^2/NDF : 2.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

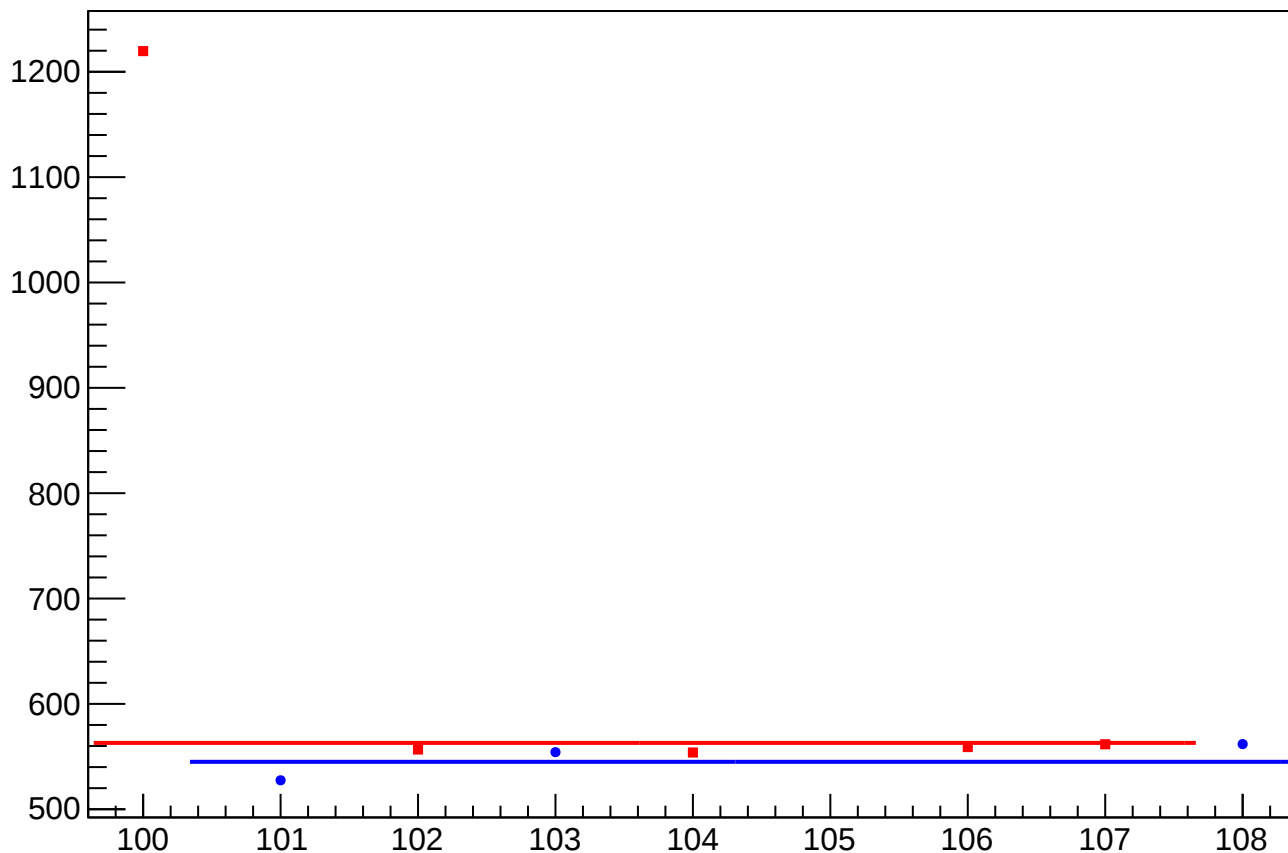
Right: 894.511+/-306.006 χ^2/NDF : 5.4/7

In: 1216.299+/-440.218 χ^2/NDF : 2.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 894.511+/-306.006 χ^2/NDF : 5.4/7

reg_asym_right_avg_rms vs Slug, Sign Corrected



Right In: 545.012+/-0.311 χ^2/NDF : 2290.5/2

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

Right Out: 562.973+/-0.301 χ^2/NDF : 41254.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

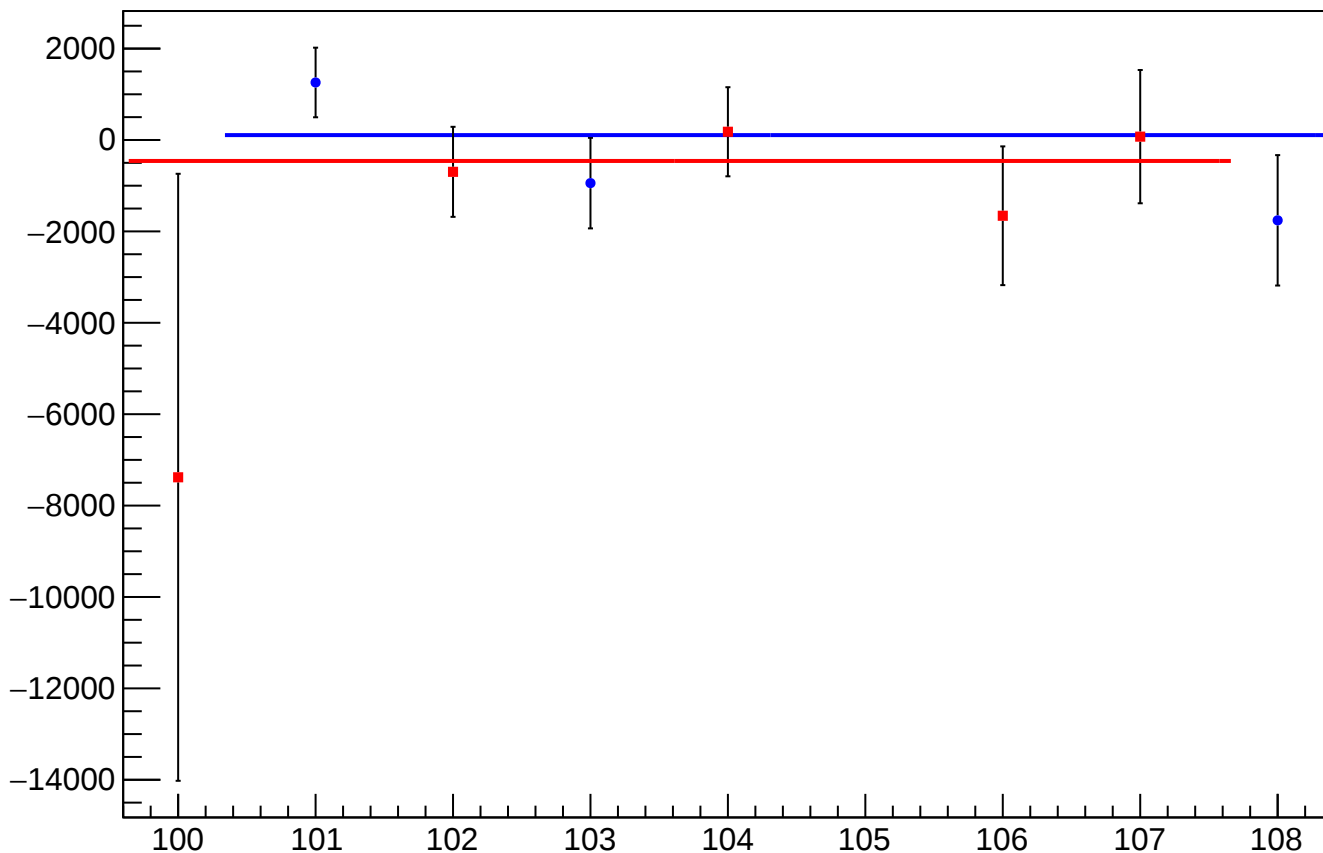
Right: 554.294+/-0.216 χ^2/NDF : 45265.9/7

In: 545.012+/-0.311 χ^2/NDF : 2290.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 554.294+/-0.216 χ^2/NDF : 45265.9/7

asym_right_avg_correction_mean vs Slug, Sign Corrected



Right In: 107.022+/-556.165 χ^2/NDF : 5.1/2

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

Right Out: -458.779+/-576.443 χ^2/NDF : 2.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

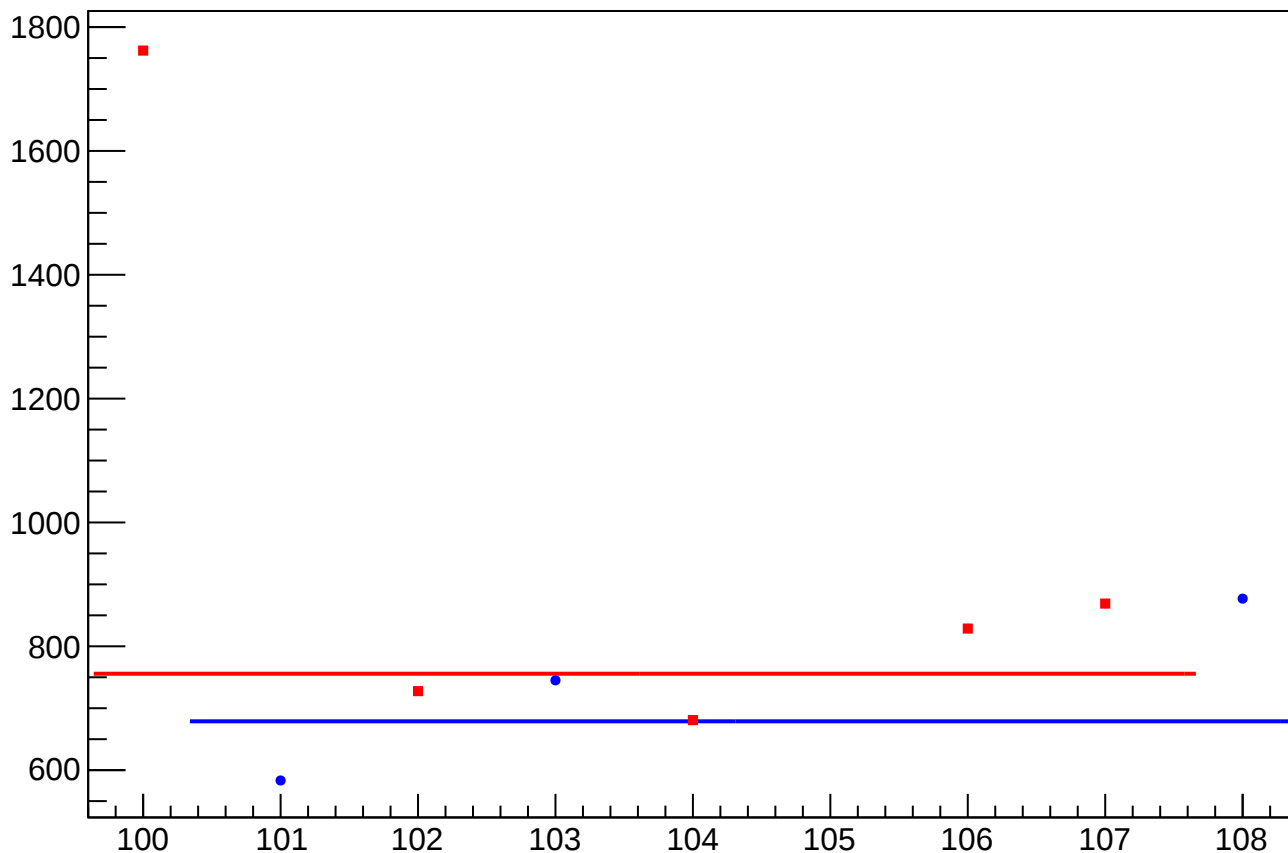
Right: -165.752+/-400.245 χ^2/NDF : 7.9/7

In: 107.022+/-556.165 χ^2/NDF : 5.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -165.752+/-400.245 χ^2/NDF : 7.9/7

asym_right_avg_correction_rms vs Slug, Sign Corrected



Right In: 678.859+/-0.393 χ^2/NDF : 78921.1/2

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

Right Out: 755.705+/-0.408 χ^2/NDF : 76037.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

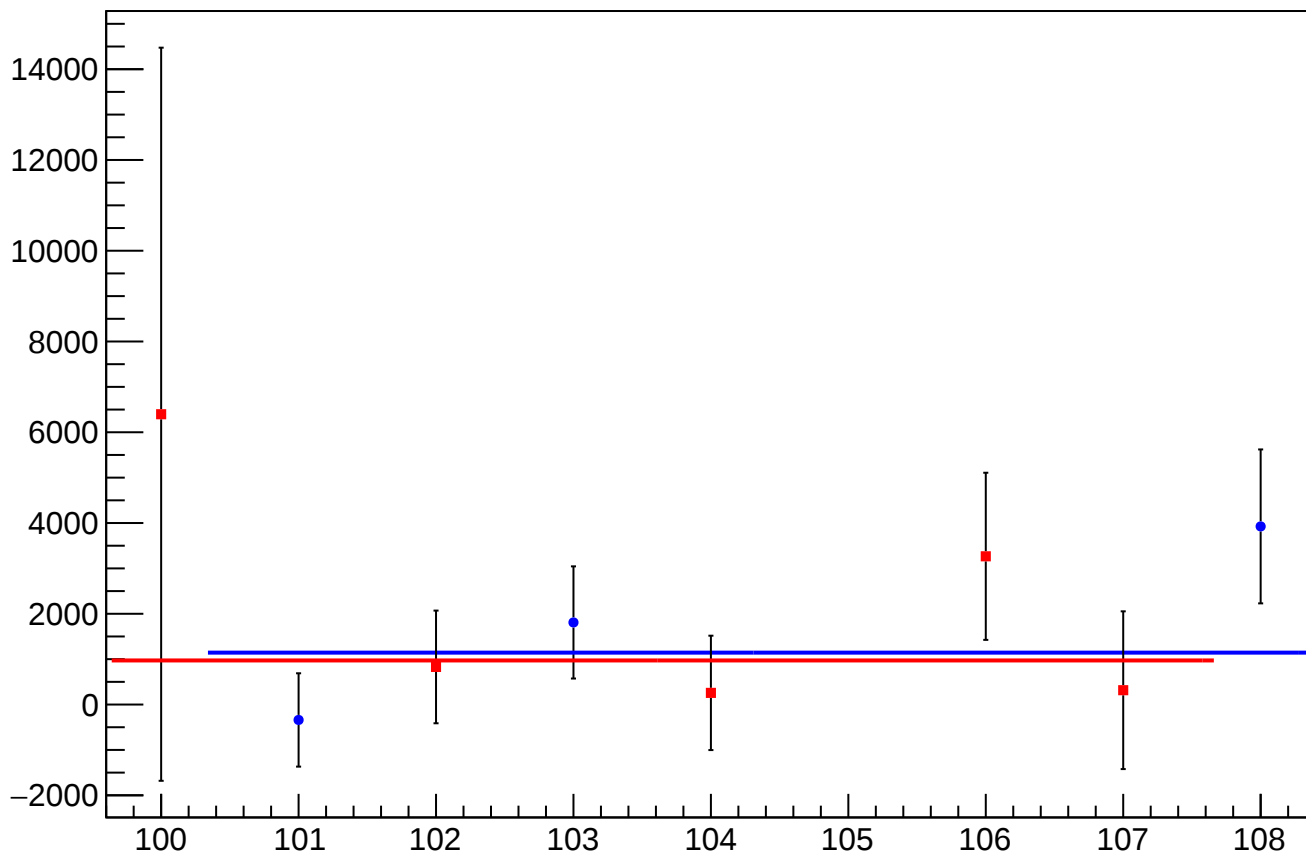
Right: 715.906+/-0.283 χ^2/NDF : 173366.6/7

In: 678.859+/-0.393 χ^2/NDF : 78921.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 715.906+/-0.283 χ^2/NDF : 173366.6/7

asym_right_avg_mean vs Slug, Sign Corrected



Right In: 1144.020+/-716.546 χ^2/NDF : 5.1/2

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

Right Out: 971.709+/-721.726 χ^2/NDF : 2.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

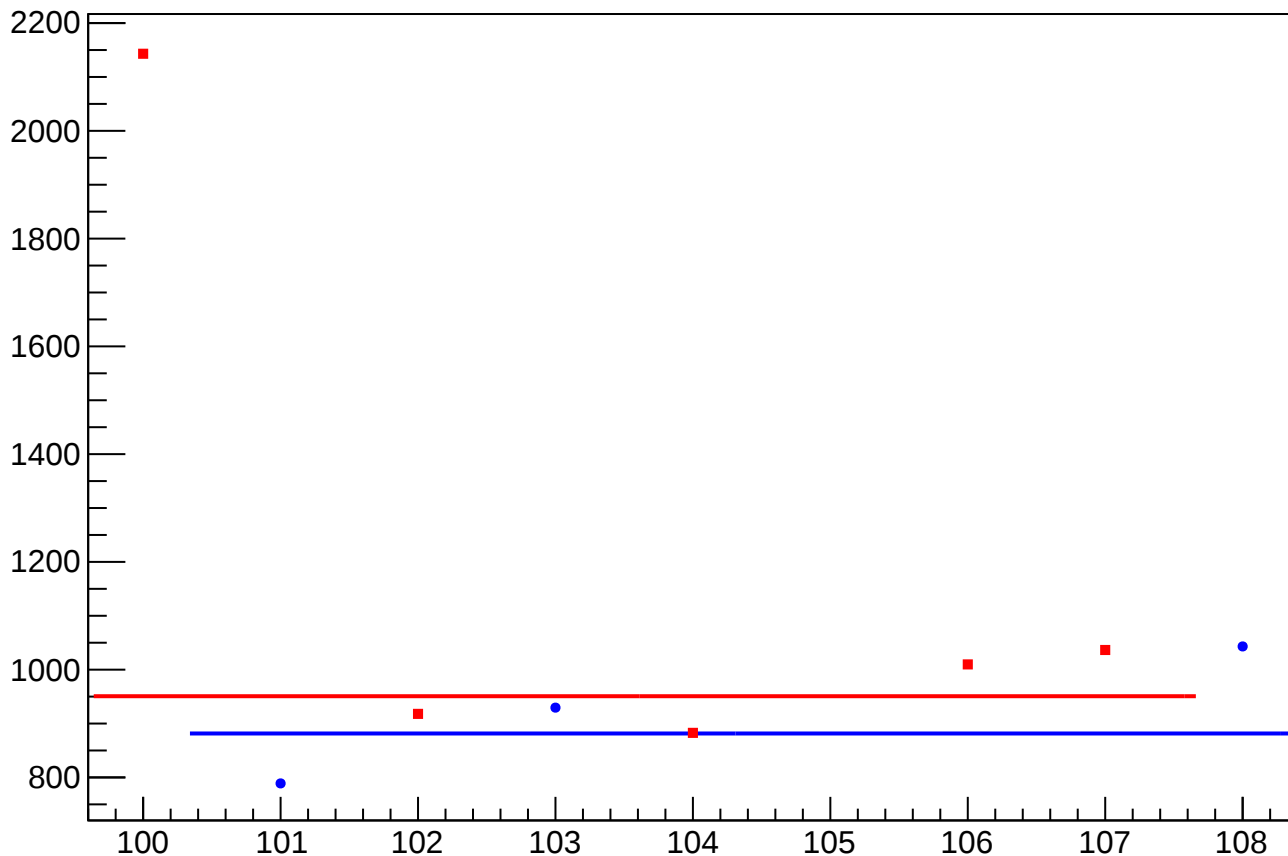
Right: 1058.485+/-508.496 χ^2/NDF : 7.6/7

In: 1144.020+/-716.546 χ^2/NDF : 5.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1058.485+/-508.496 χ^2/NDF : 7.6/7

asym_right_avg_rms vs Slug, Sign Corrected



Right In: 881.550+/-0.507 χ^2/NDF : 37392.5/2

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

Right Out: 950.718+/-0.510 χ^2/NDF : 57729.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

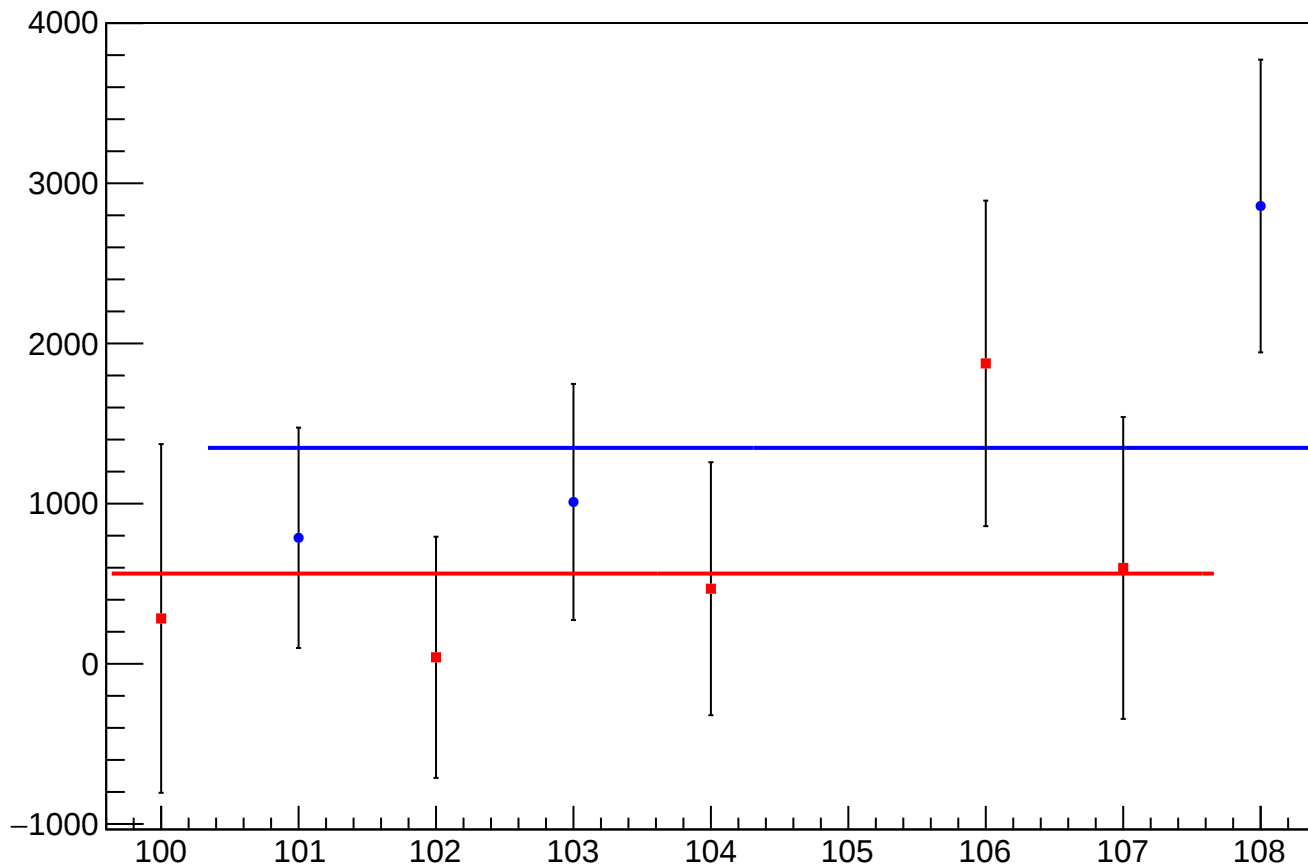
Right: 915.885+/-0.360 χ^2/NDF : 104372.8/7

In: 881.550+/-0.507 χ^2/NDF : 37392.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 915.885+/-0.360 χ^2/NDF : 104372.8/7

reg_asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1348.098+/-440.579 χ^2/NDF : 3.6/2

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

Right Out: 563.410+/-398.217 χ^2/NDF : 2.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

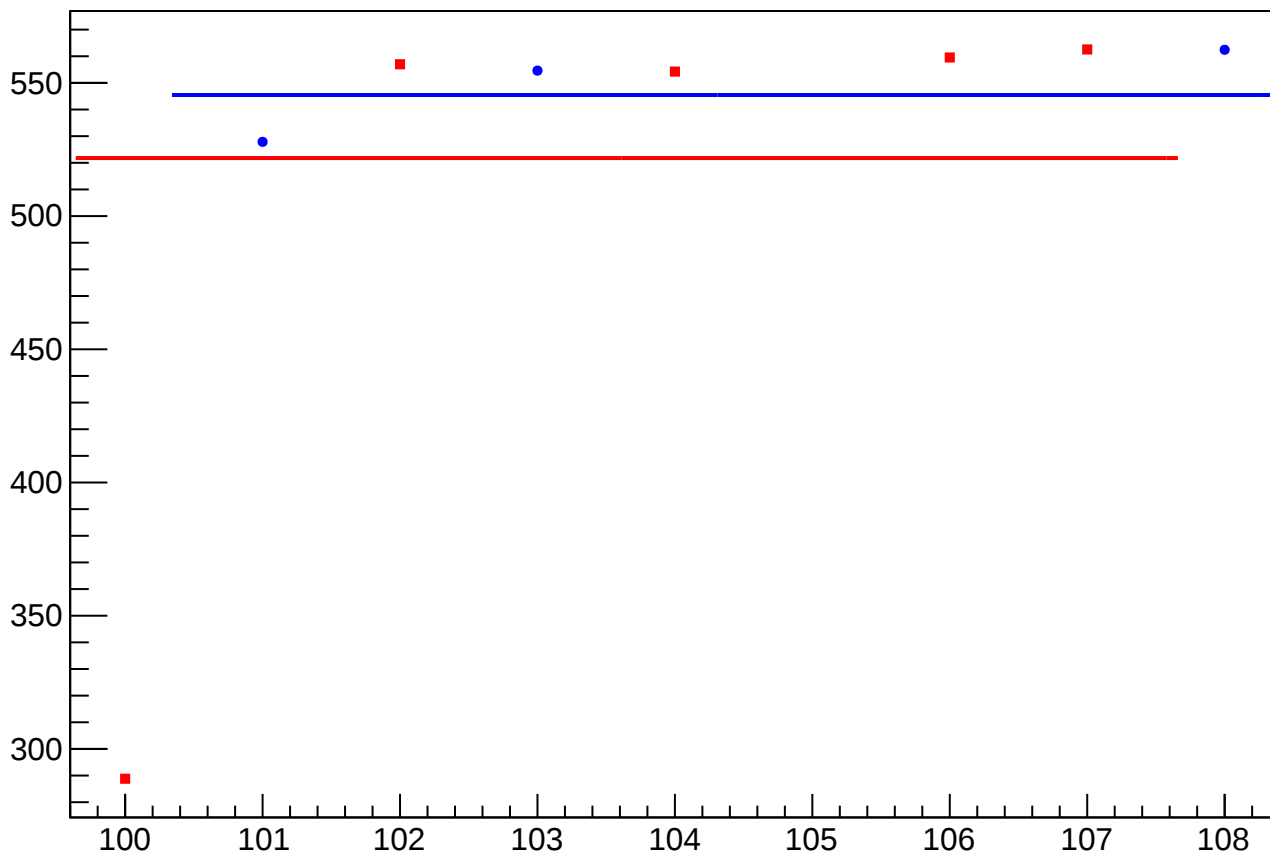
Right: 916.226+/-295.426 χ^2/NDF : 7.6/7

In: 1348.098+/-440.579 χ^2/NDF : 3.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 916.226+/-295.426 χ^2/NDF : 7.6/7

reg_asym_right_dd_rms vs Slug, Sign Corrected



Right In: 545.459+/-0.312 χ^2/NDF : 2305.1/2

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

Right Out: 521.786+/-0.282 χ^2/NDF : 105881.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

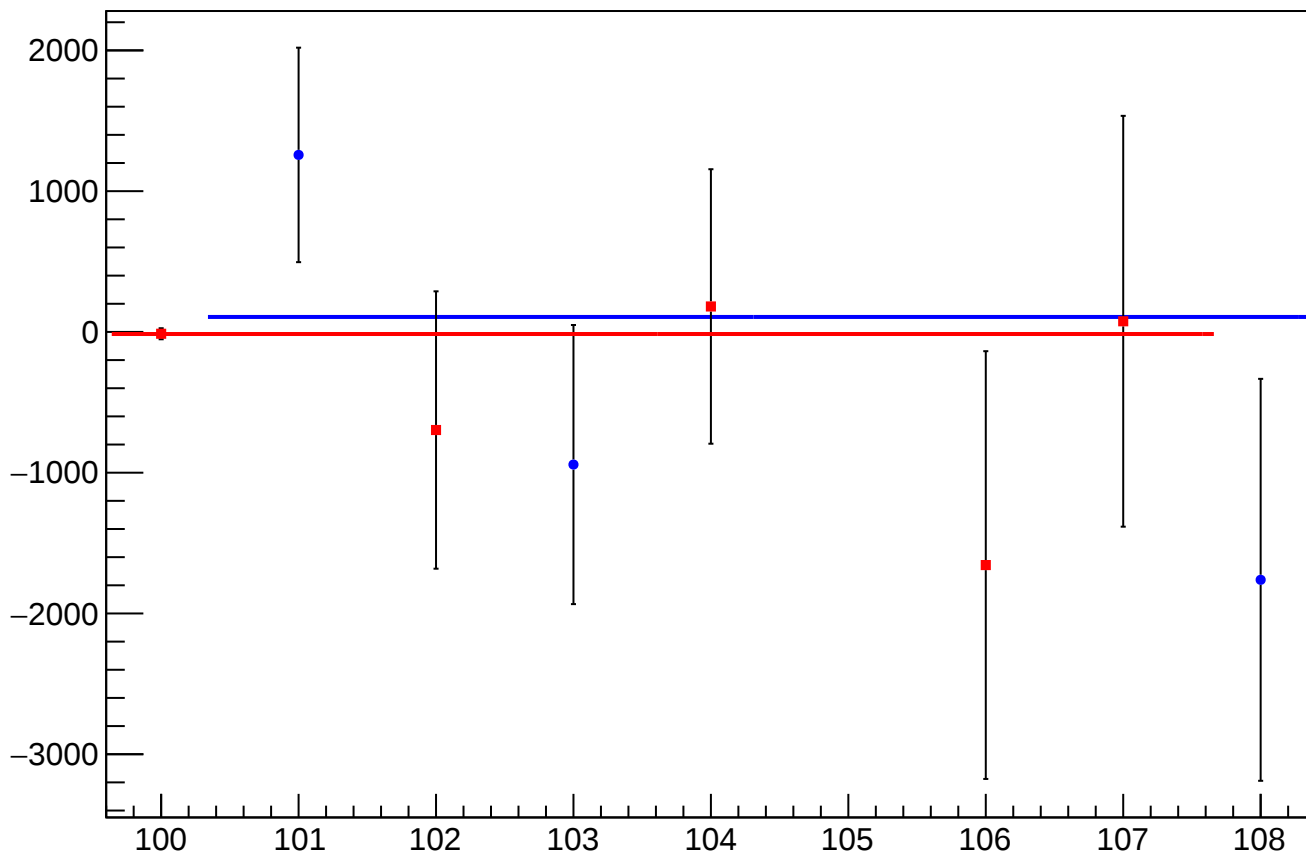
Right: 532.430+/-0.209 χ^2/NDF : 111364.6/7

In: 545.459+/-0.312 χ^2/NDF : 2305.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 532.430+/-0.209 χ^2/NDF : 111364.6/7

asym_right_dd_correction_mean vs Slug, Sign Corrected



Right In: 106.399+/-556.351 χ^2/NDF : 5.1/2

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

Right Out: -14.795+/-39.134 χ^2/NDF : 1.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

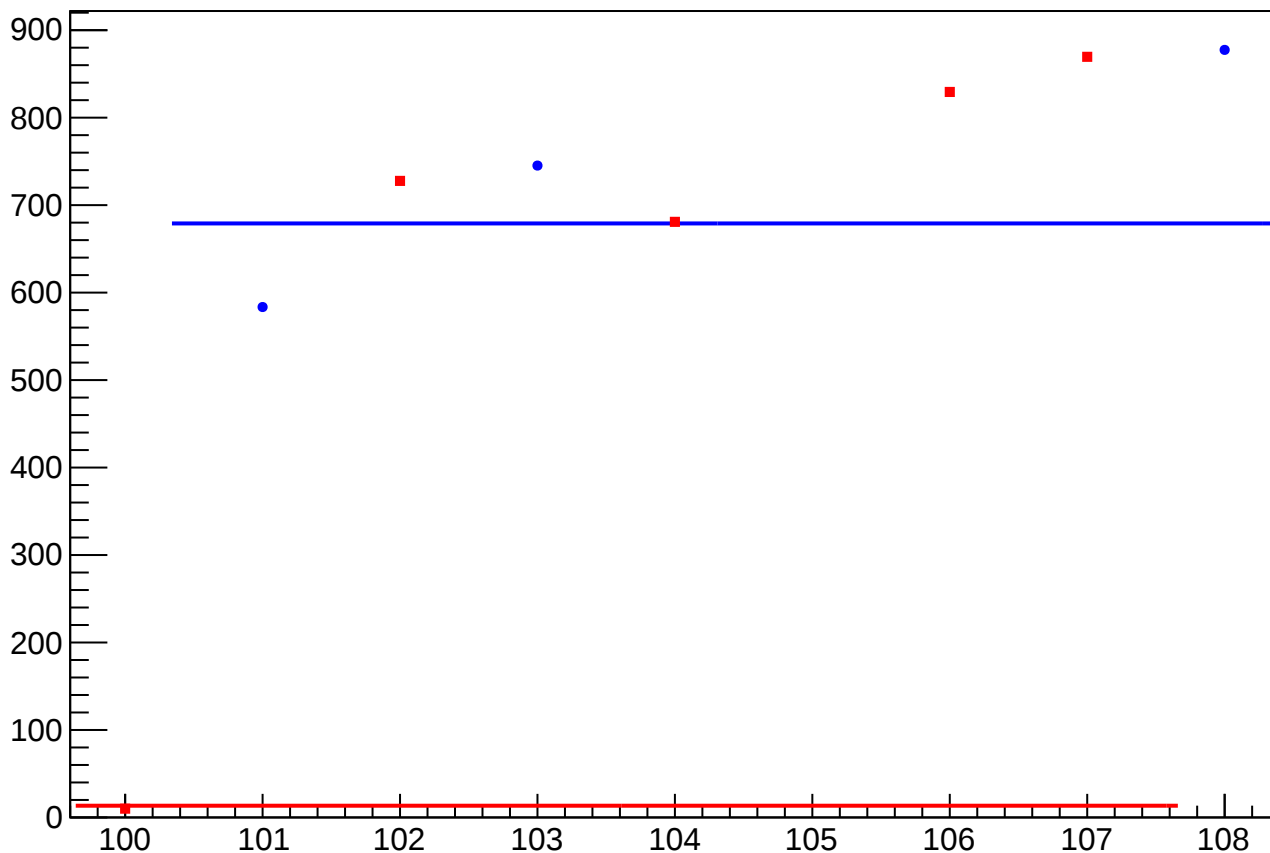
Right: -14.198+/-39.037 χ^2/NDF : 6.9/7

In: 106.399+/-556.351 χ^2/NDF : 5.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.198+/-39.037 χ^2/NDF : 6.9/7

asym_right_dd_correction_rms vs Slug, Sign Corrected



Right In: 679.077+/-0.393 χ^2/NDF : 78996.1/2

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

Right Out: 13.418+/-0.028 χ^2/NDF : 3268632.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

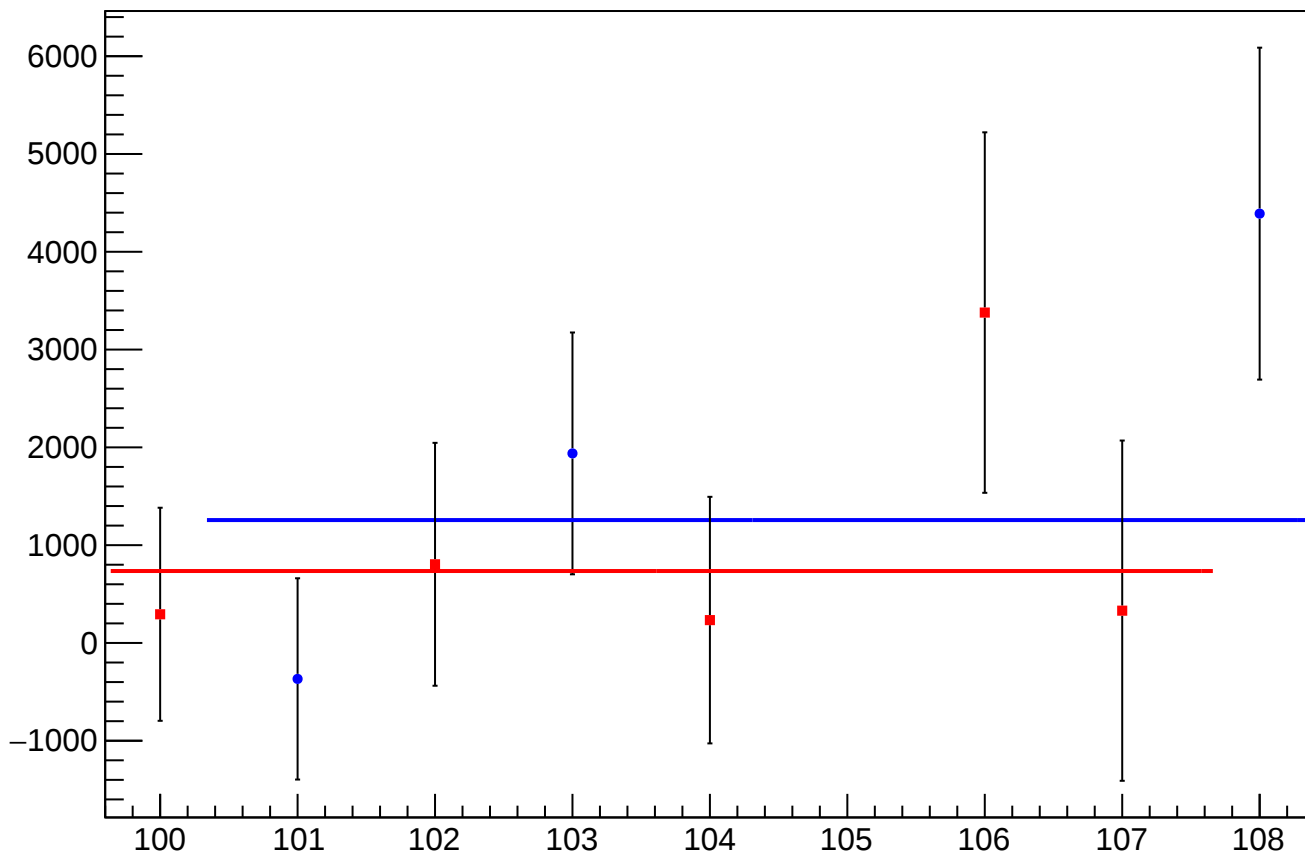
Right: 16.695+/-0.028 χ^2/NDF : 6196625.0/7

In: 679.077+/-0.393 χ^2/NDF : 78996.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.695+/-0.028 χ^2/NDF : 6196625.0/7

asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1256.573 $\pm$ 716.930 χ^2 /NDF: 6.2/2

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

Right Out: 735.578 $\pm$ 603.571 χ^2 /NDF: 2.4/4

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

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

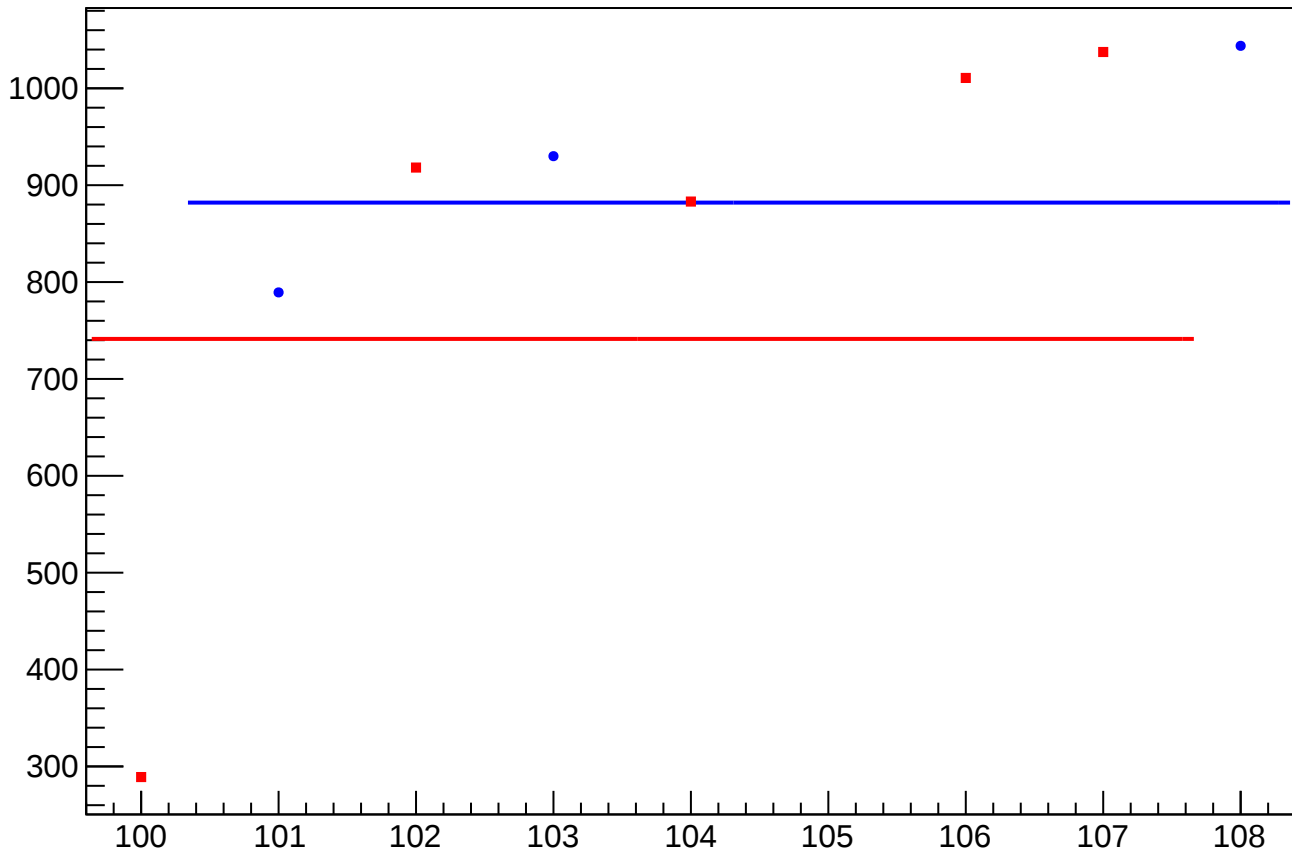
Right: 951.678 $\pm$ 461.729 χ^2 /NDF: 8.9/7

In: 1256.573 $\pm$ 716.930 χ^2 /NDF: 6.2/2

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

All: 951.678 $\pm$ 461.729 χ^2 /NDF: 8.9/7

asym_right_dd_rms vs Slug, Sign Corrected



Right In: 882.023+/-0.507 χ^2/NDF : 37420.6/2

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

Right Out: 741.312+/-0.427 χ^2/NDF : 511266.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

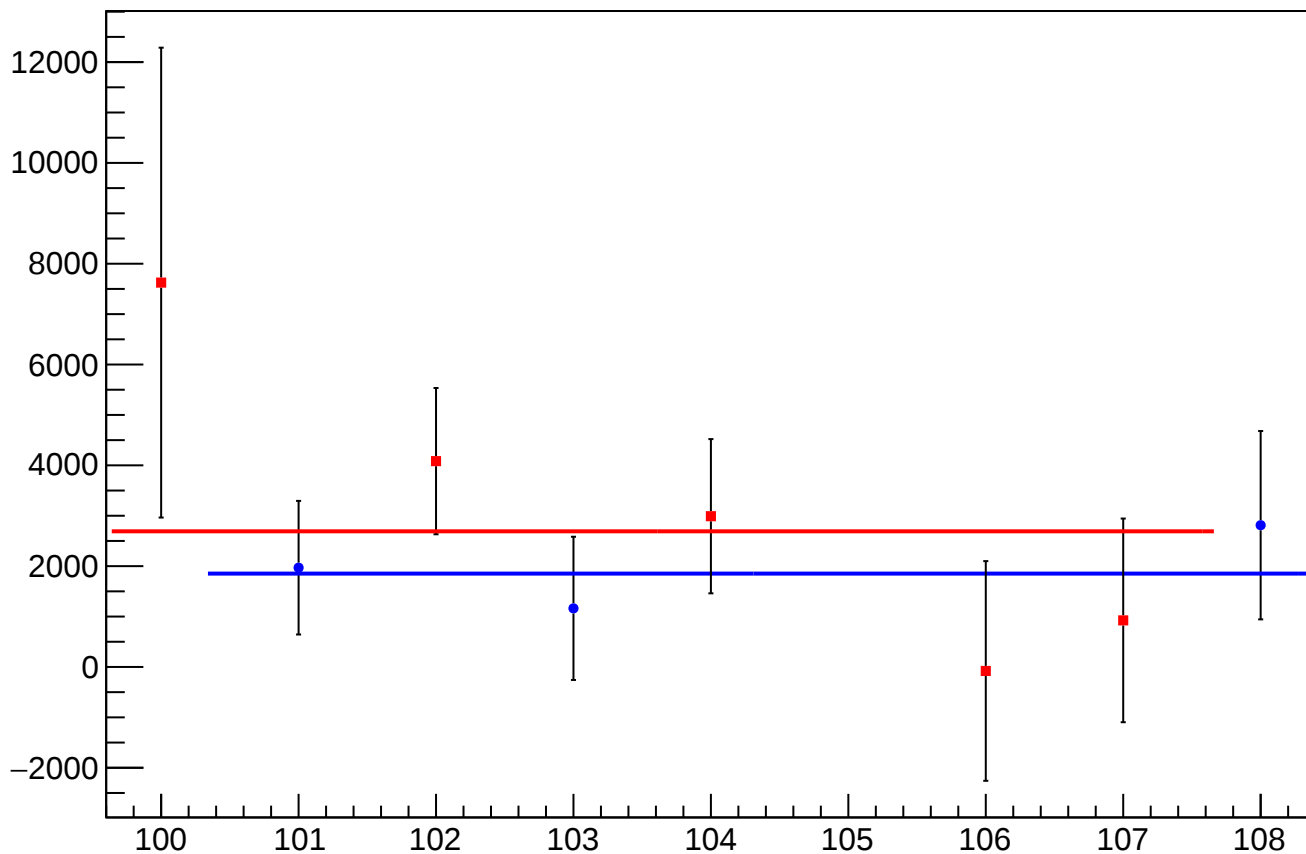
Right: 799.677+/-0.326 χ^2/NDF : 593773.8/7

In: 882.023+/-0.507 χ^2/NDF : 37420.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 799.677+/-0.326 χ^2/NDF : 593773.8/7

cor_usl_mean vs Slug, Sign Corrected



Right In: 1852.356+/-860.223 χ^2/NDF : 0.5/2

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

Right Out: 2691.057+/-844.061 χ^2/NDF : 4.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

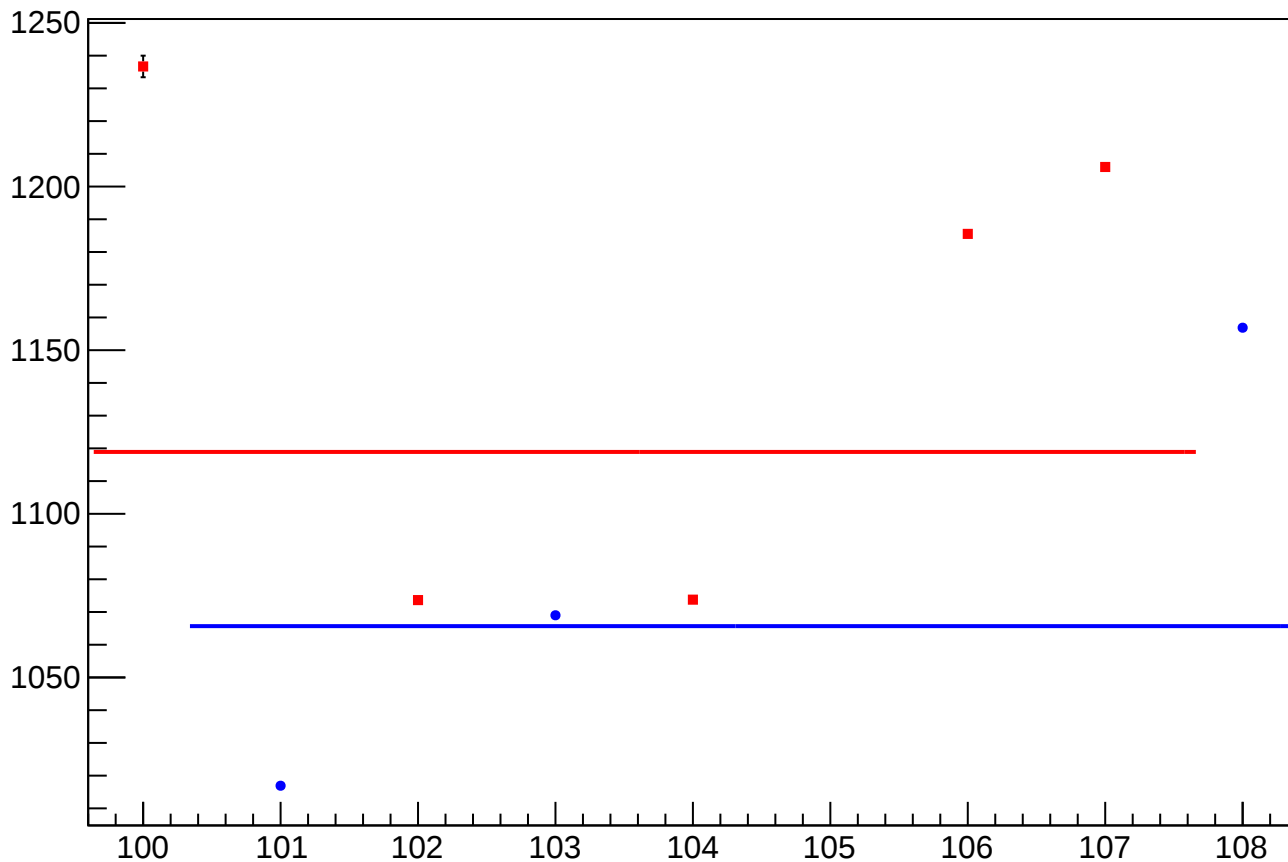
Right: 2279.659+/-602.474 χ^2/NDF : 5.5/7

In: 1852.356+/-860.223 χ^2/NDF : 0.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2279.659+/-602.474 χ^2/NDF : 5.5/7

cor_usl_rms vs Slug, Sign Corrected



Right In: 1065.683 $\pm$ 0.608 χ^2/NDF : 7483.2/2

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

Right Out: 1118.912 $\pm$ 0.597 χ^2/NDF : 10548.0/4

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

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

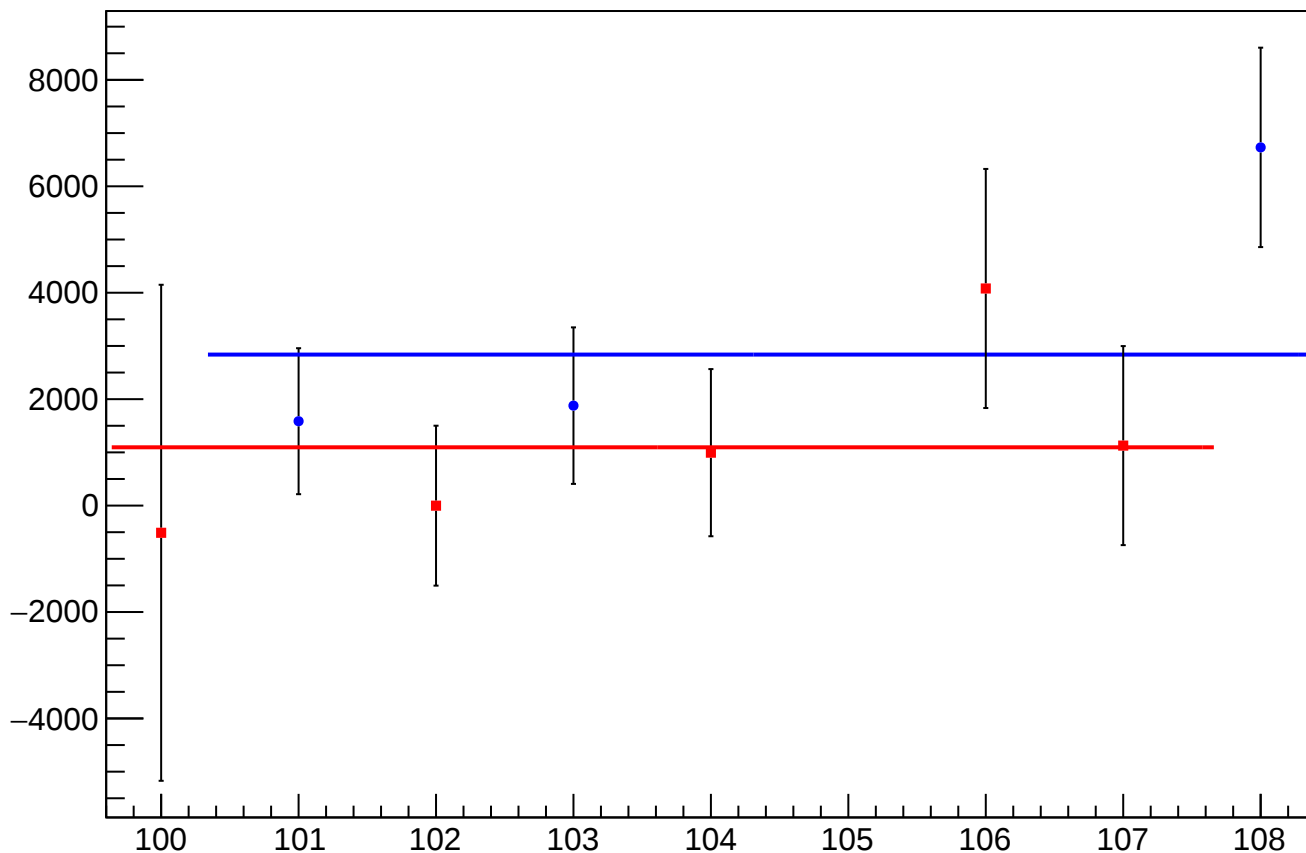
Right: 1092.802 $\pm$ 0.426 χ^2/NDF : 21932.7/7

In: 1065.683 $\pm$ 0.608 χ^2/NDF : 7483.2/2

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

All: 1092.802 $\pm$ 0.426 χ^2/NDF : 21932.7/7

cor_usr_mean vs Slug, Sign Corrected



Right In: 2837.729+/-884.309 χ^2/NDF : 5.6/2

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

Right Out: 1095.351+/-851.774 χ^2/NDF : 2.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

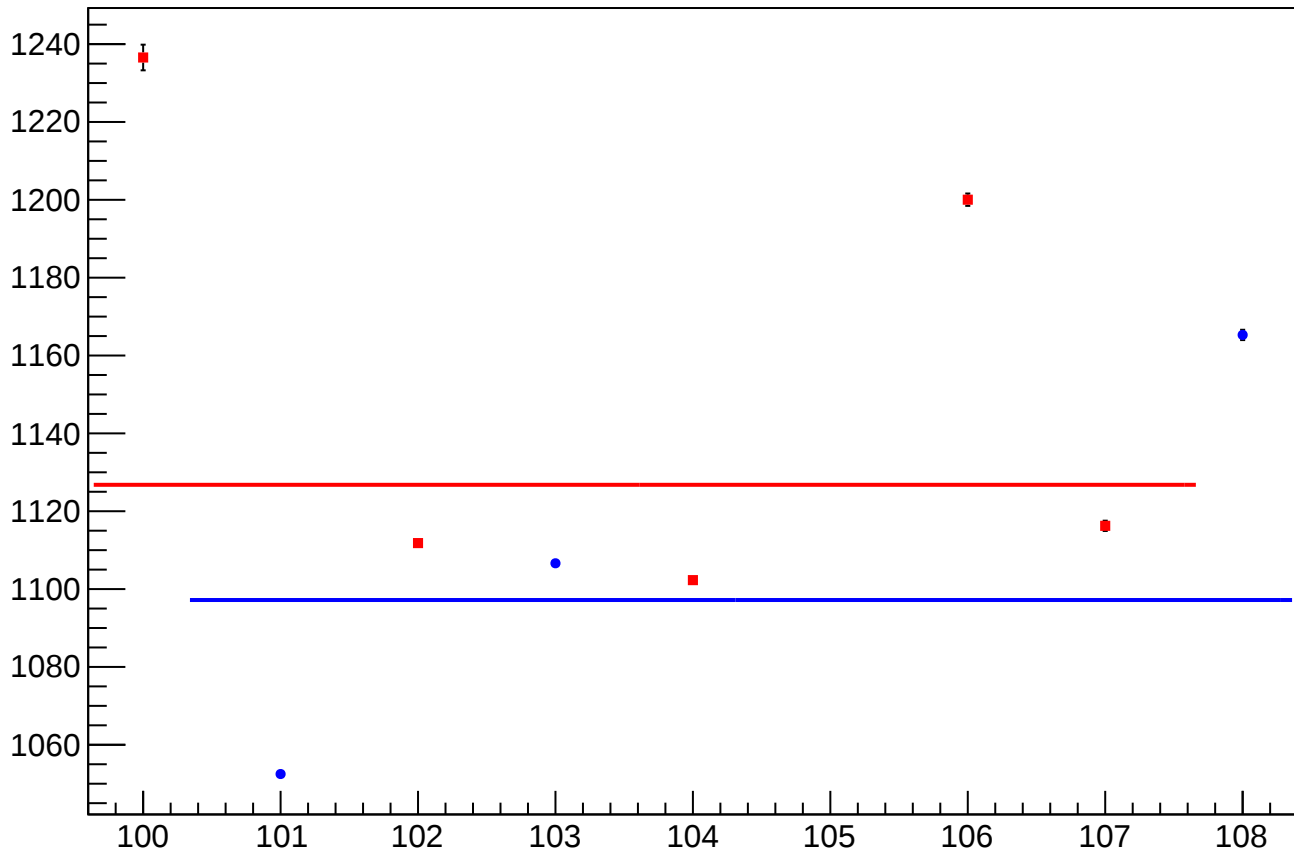
Right: 1933.899+/-613.475 χ^2/NDF : 10.0/7

In: 2837.729+/-884.309 χ^2/NDF : 5.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1933.899+/-613.475 χ^2/NDF : 10.0/7

cor_usr_rms vs Slug, Sign Corrected



Right In: 1097.191+/-0.625 χ^2/NDF : 4848.9/2

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

Right Out: 1126.787+/-0.602 χ^2/NDF : 3983.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

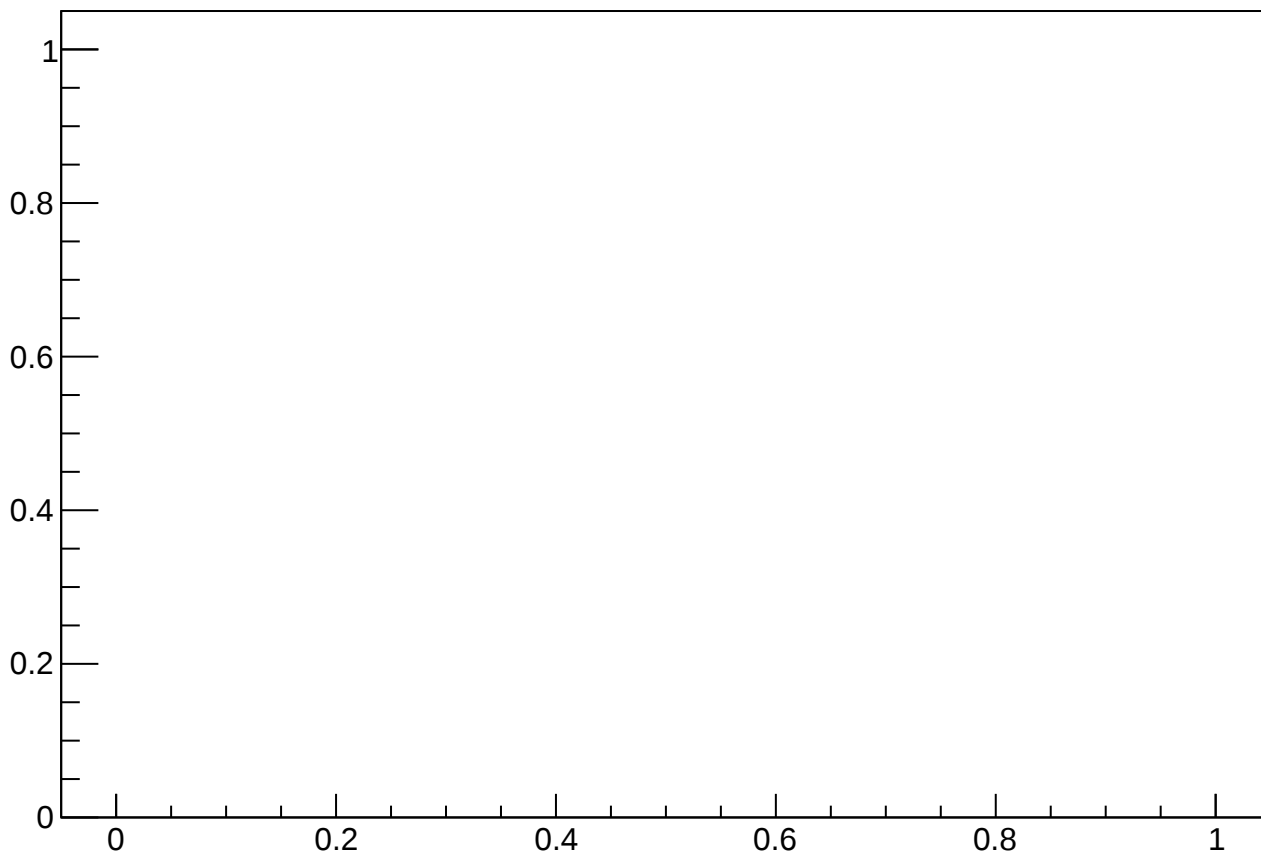
Right: 1112.544+/-0.434 χ^2/NDF : 9995.0/7

In: 1097.191+/-0.625 χ^2/NDF : 4848.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1112.544+/-0.434 χ^2/NDF : 9995.0/7

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

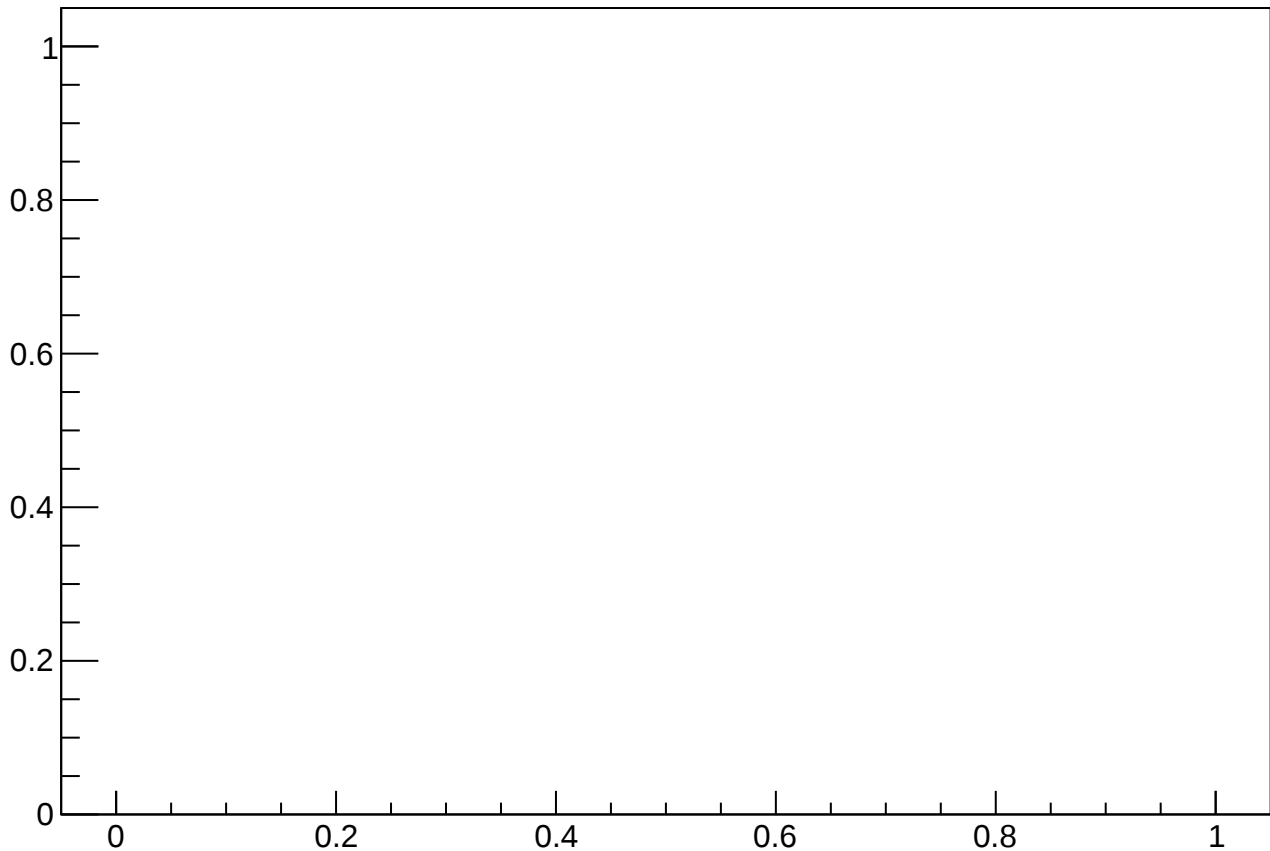
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

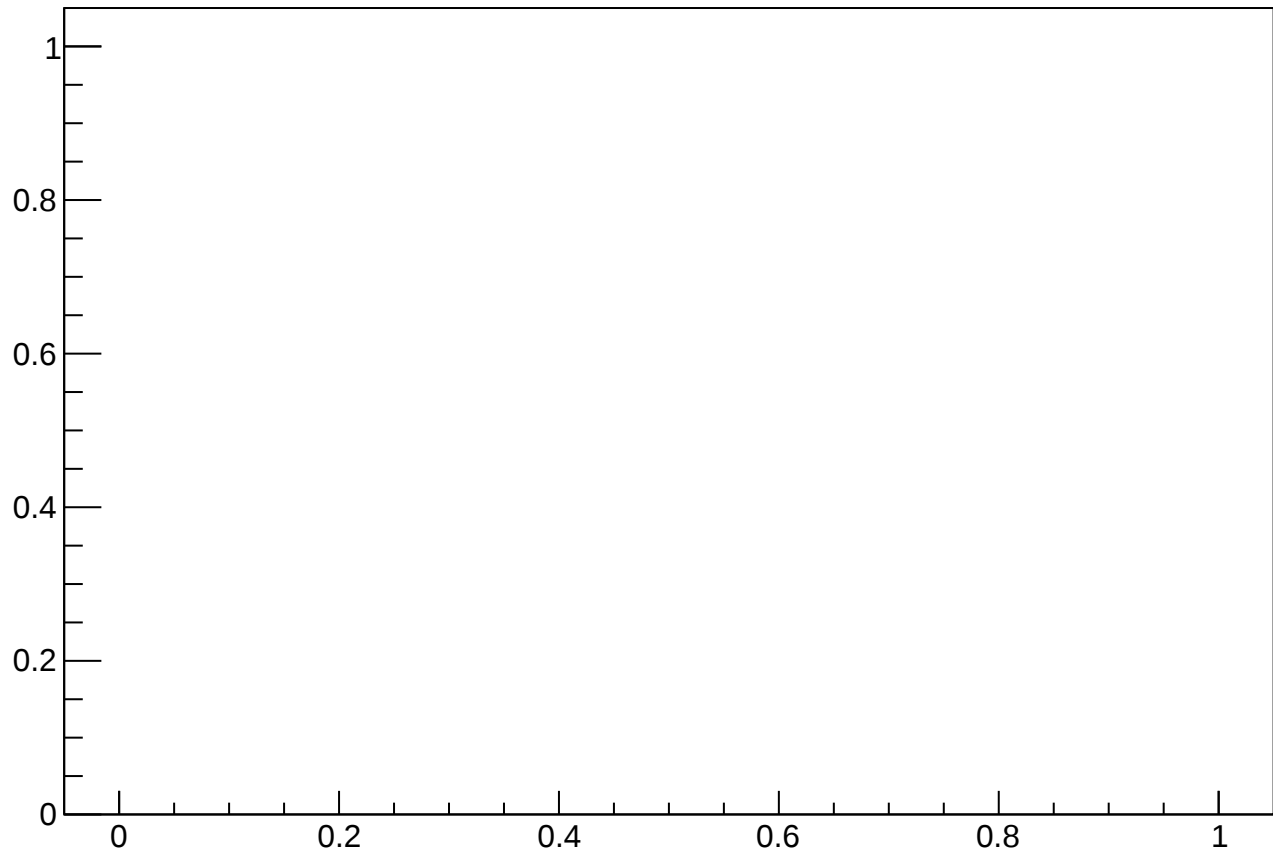
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

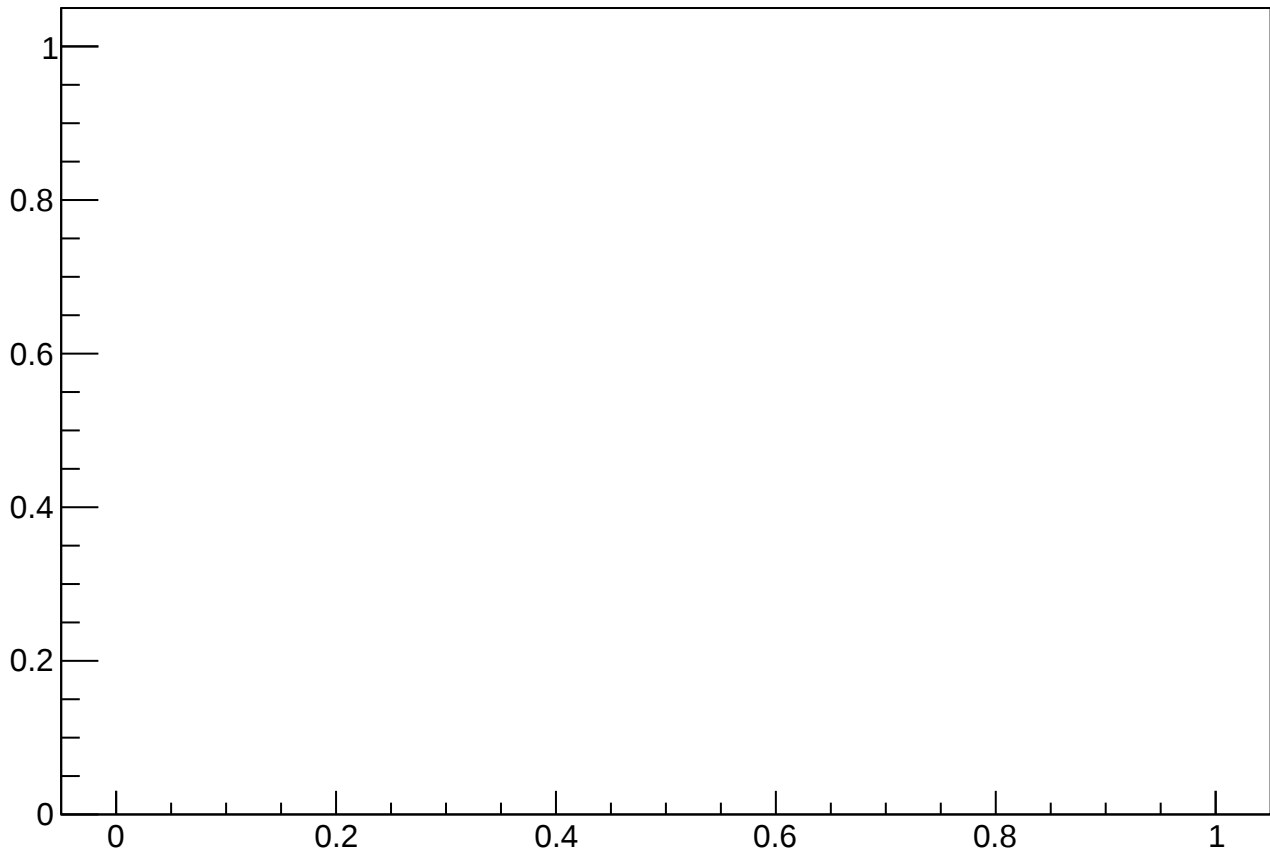
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

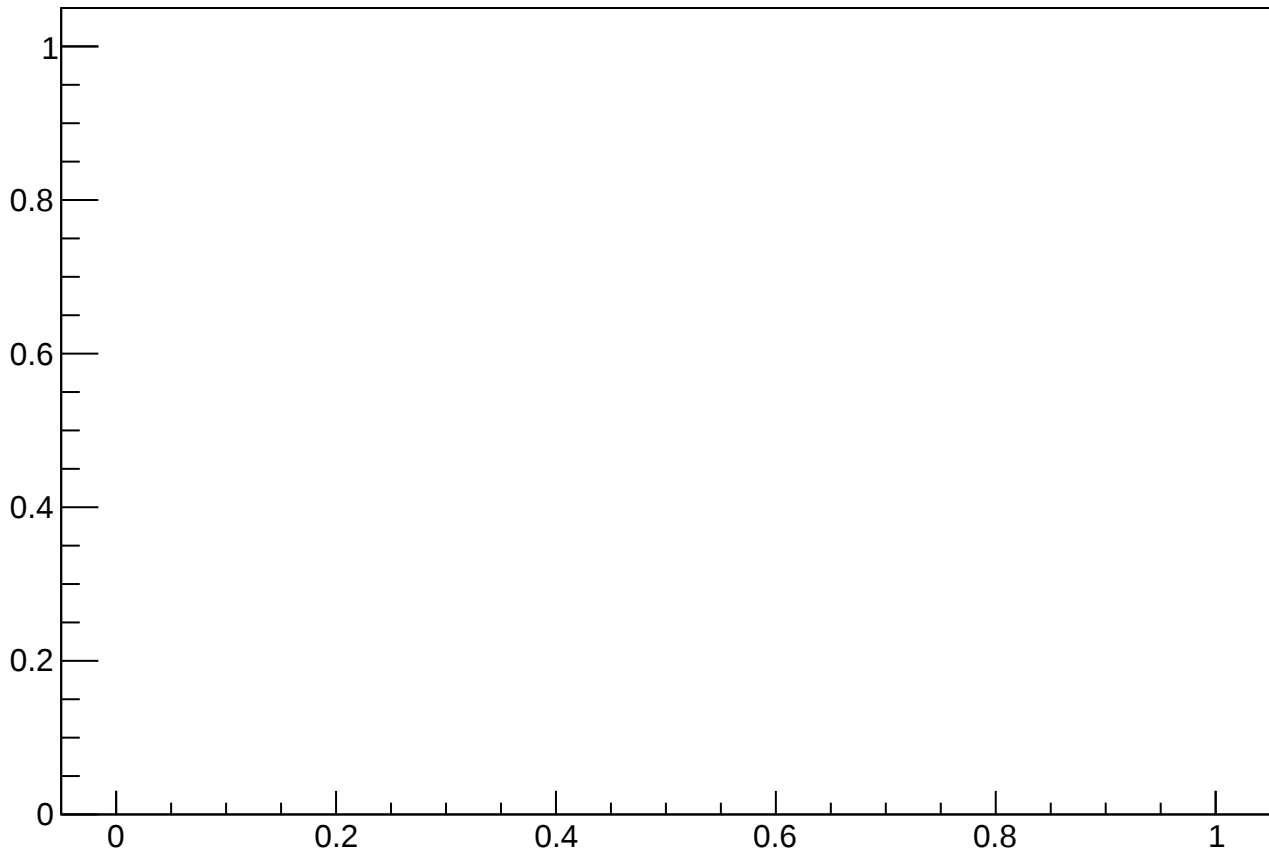
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

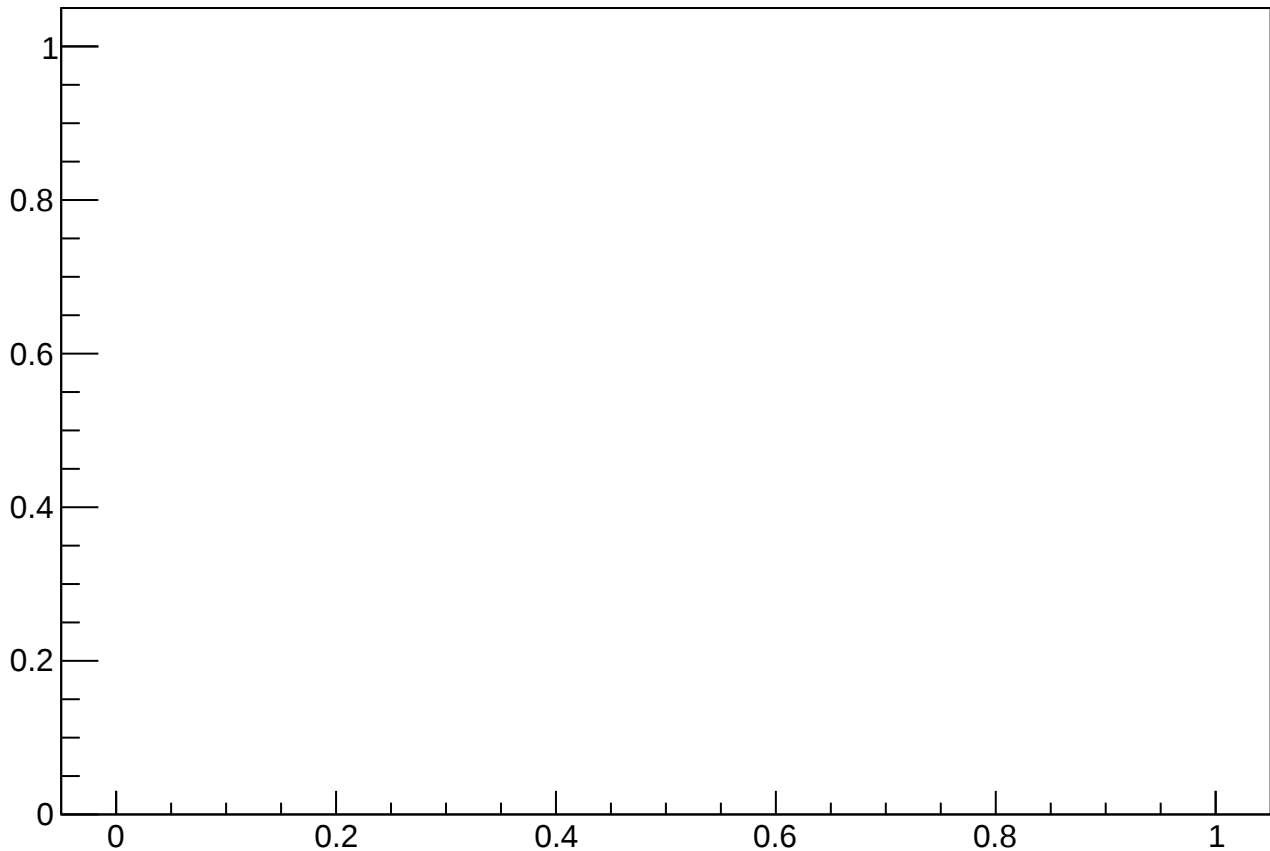
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

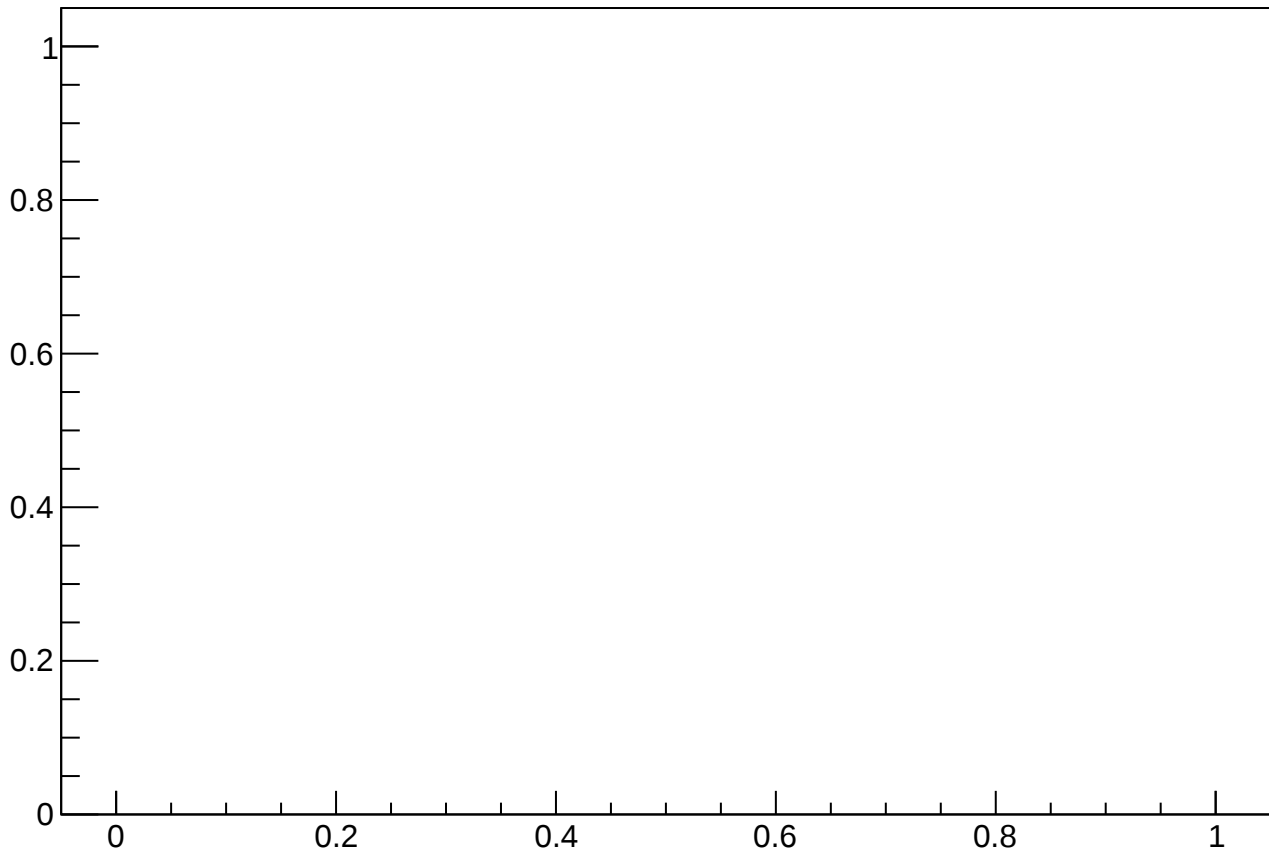
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

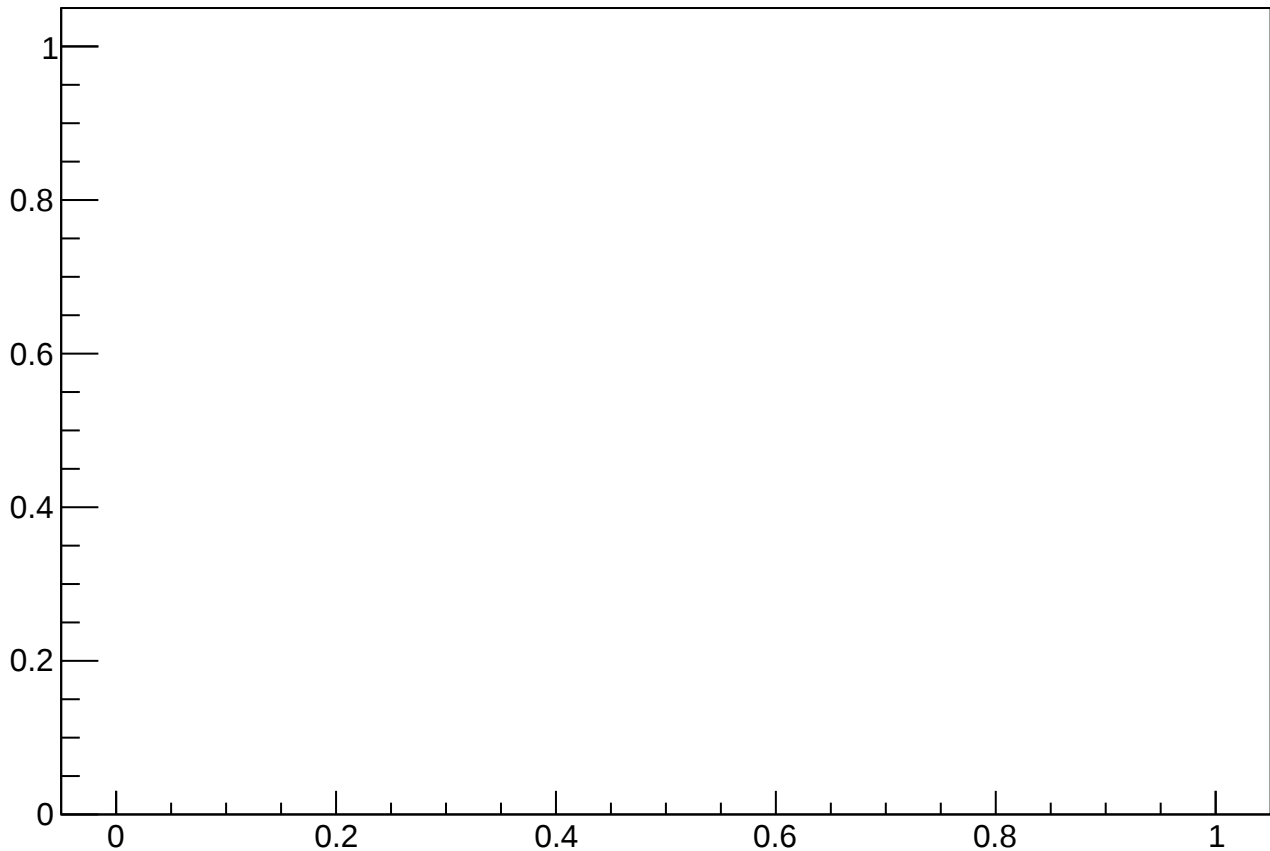
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

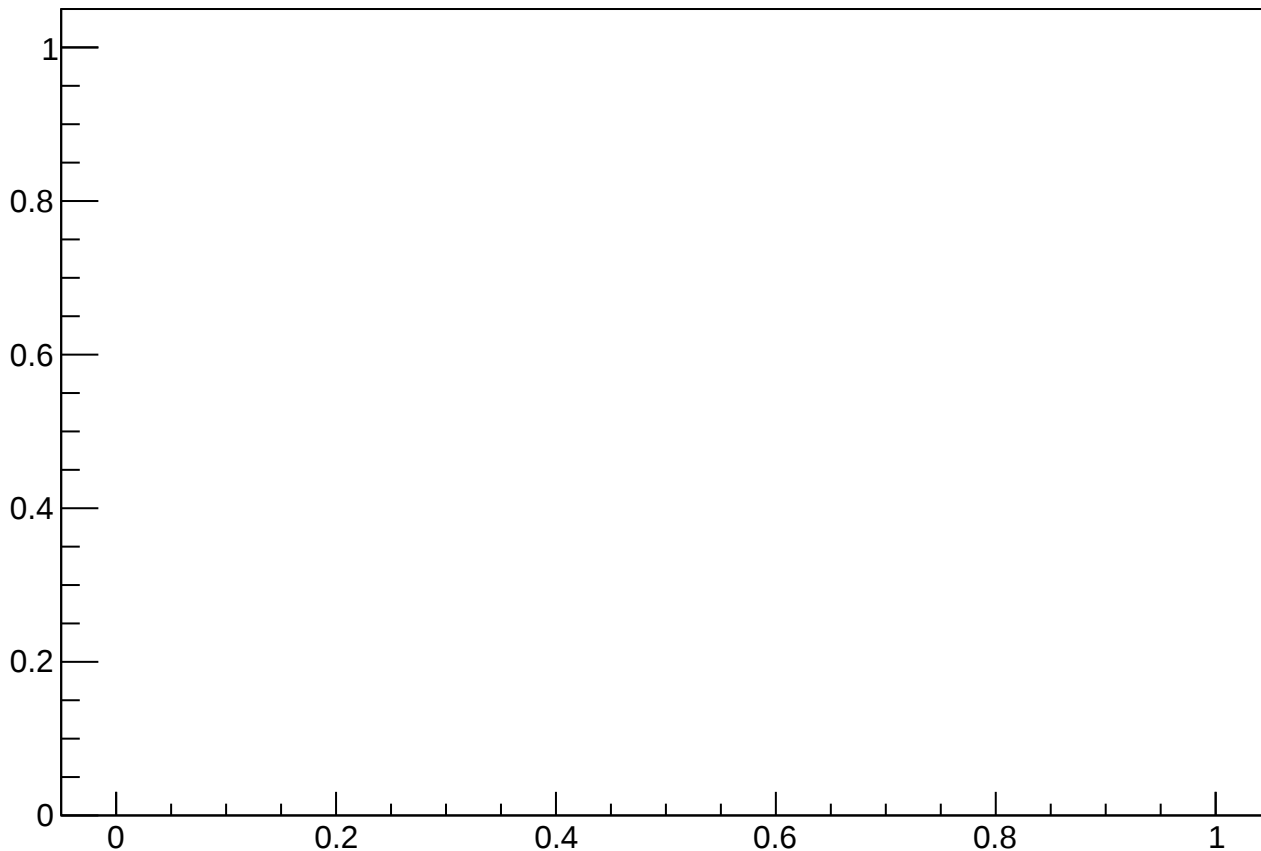
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

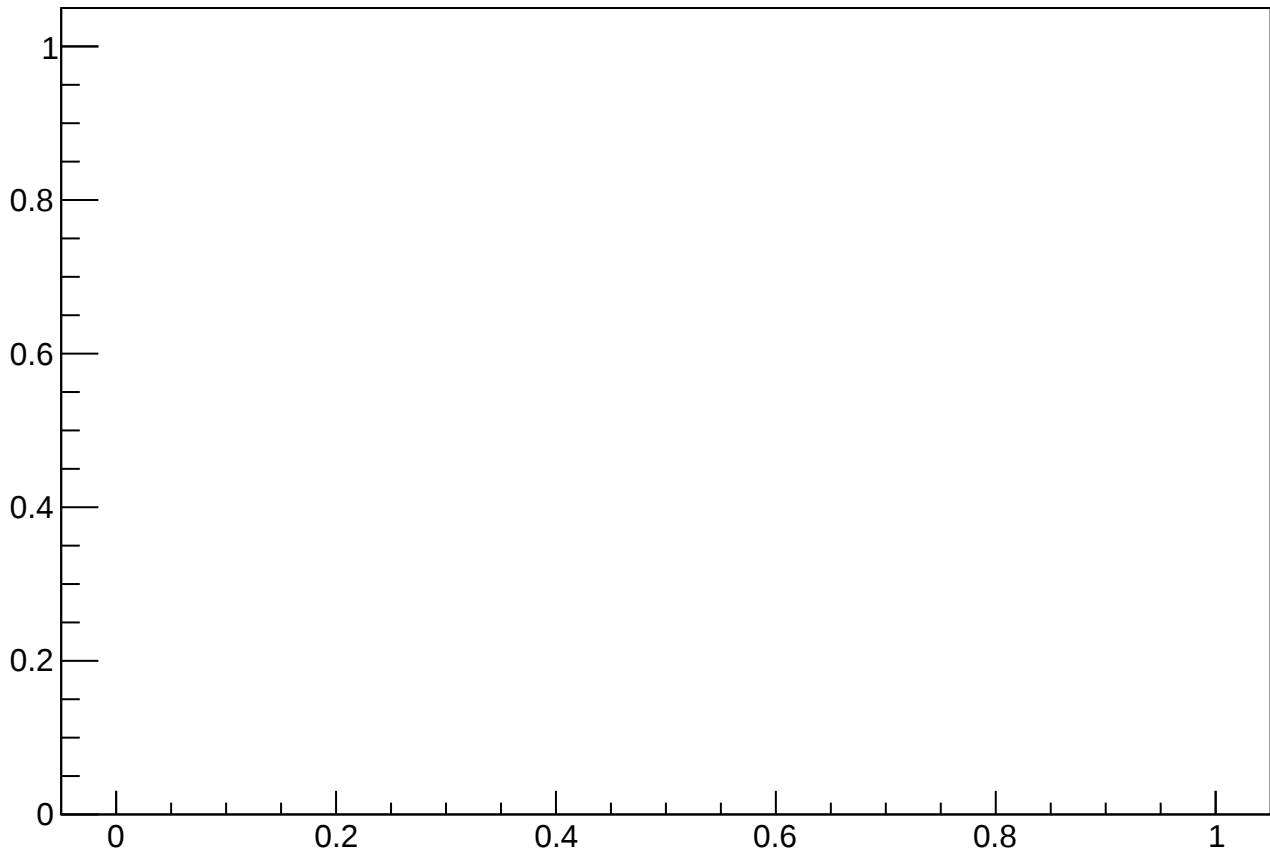
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

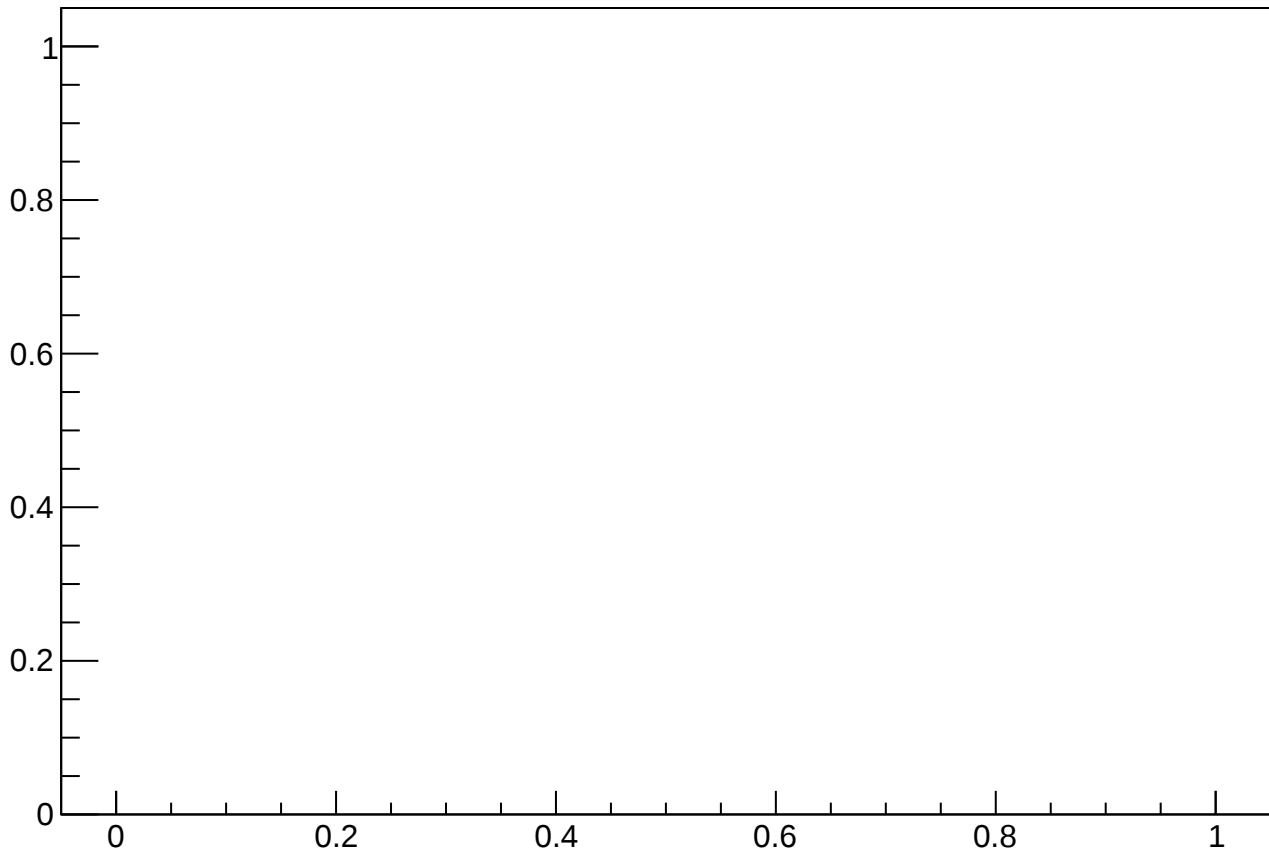
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

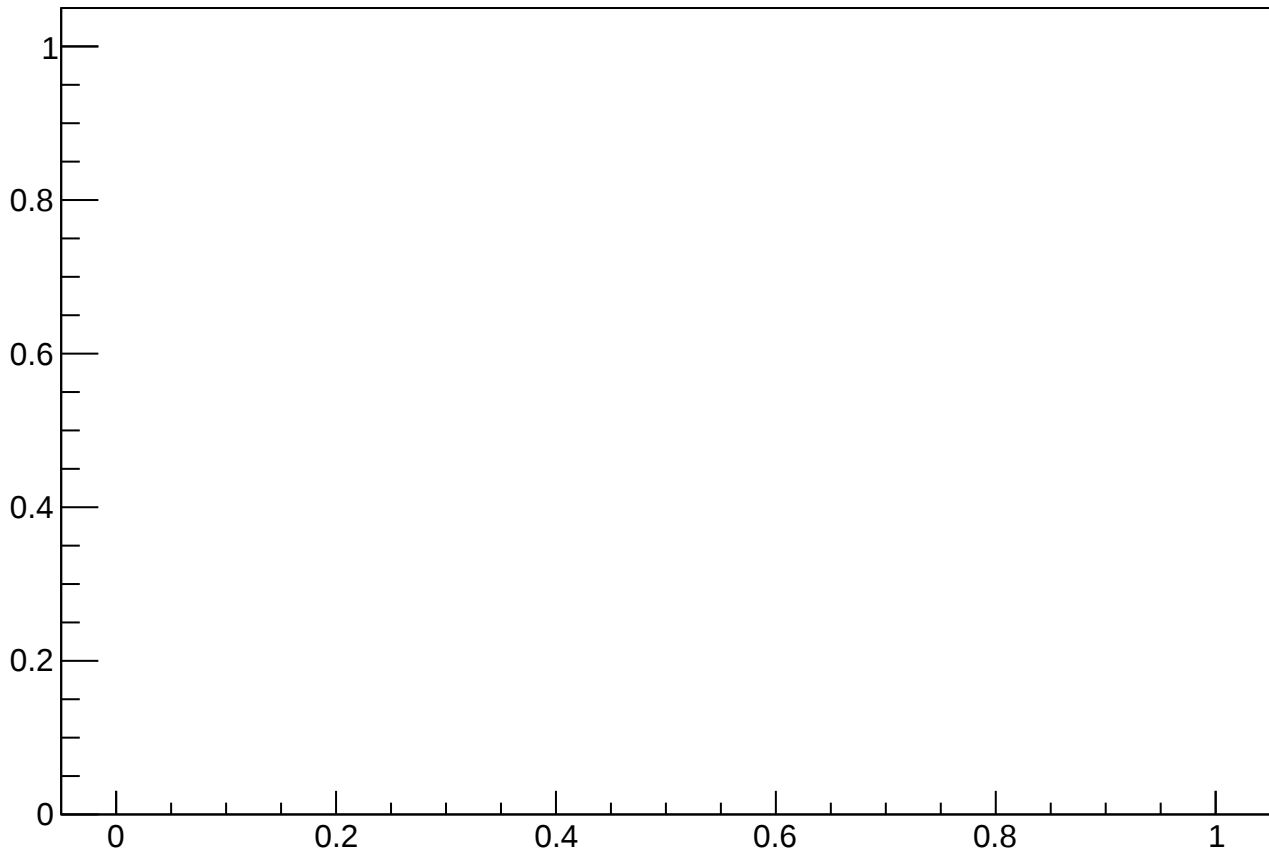
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

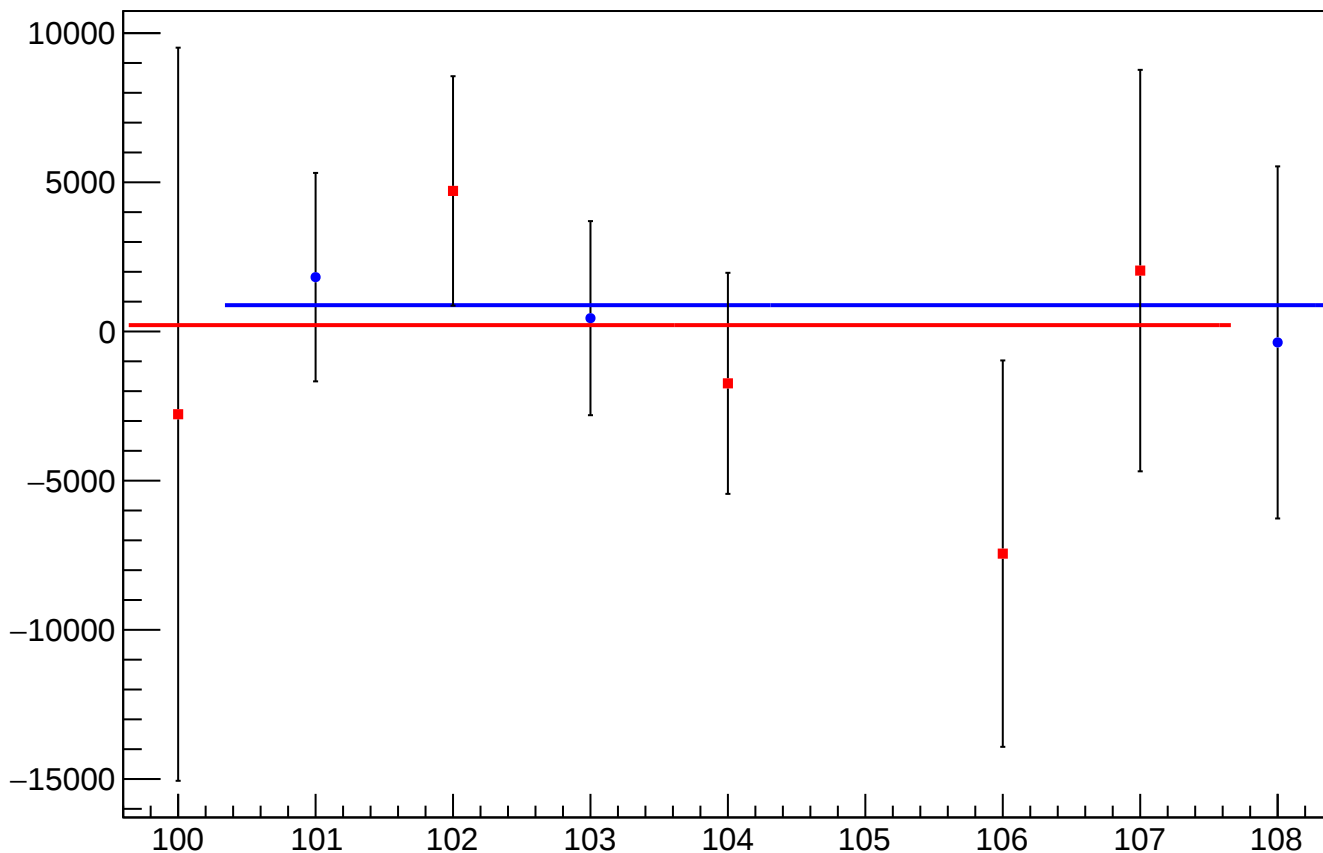
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 882.006+/-2207.674 χ^2/NDF : 0.1/2

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

Right Out: 213.289+/-2275.831 χ^2/NDF : 3.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

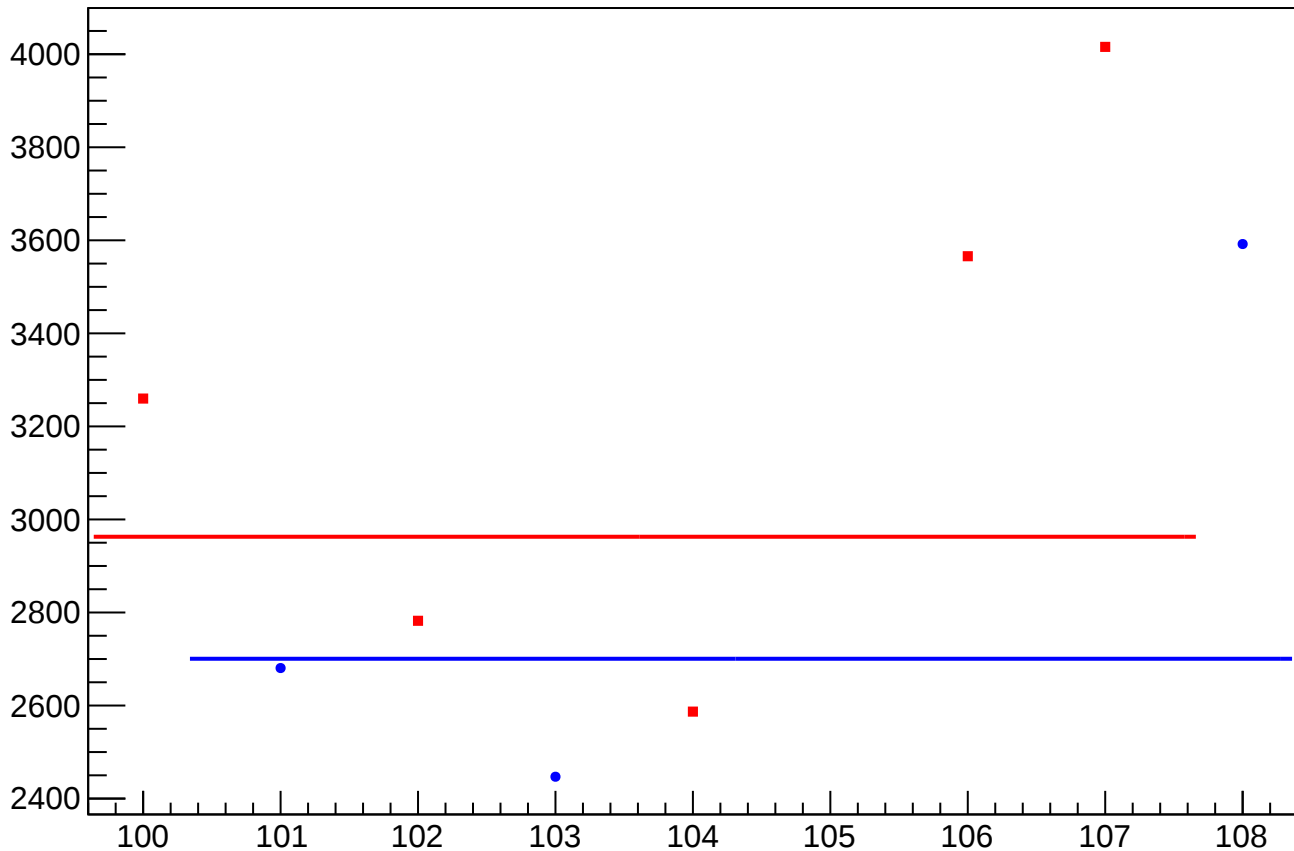
Right: 557.811+/-1584.609 χ^2/NDF : 3.4/7

In: 882.006+/-2207.674 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 557.811+/-1584.609 χ^2/NDF : 3.4/7

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2700.545 $\pm$ 1.561 χ^2 /NDF: 57864.7/2

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

Right Out: 2962.823 $\pm$ 1.609 χ^2 /NDF: 92501.7/4

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

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

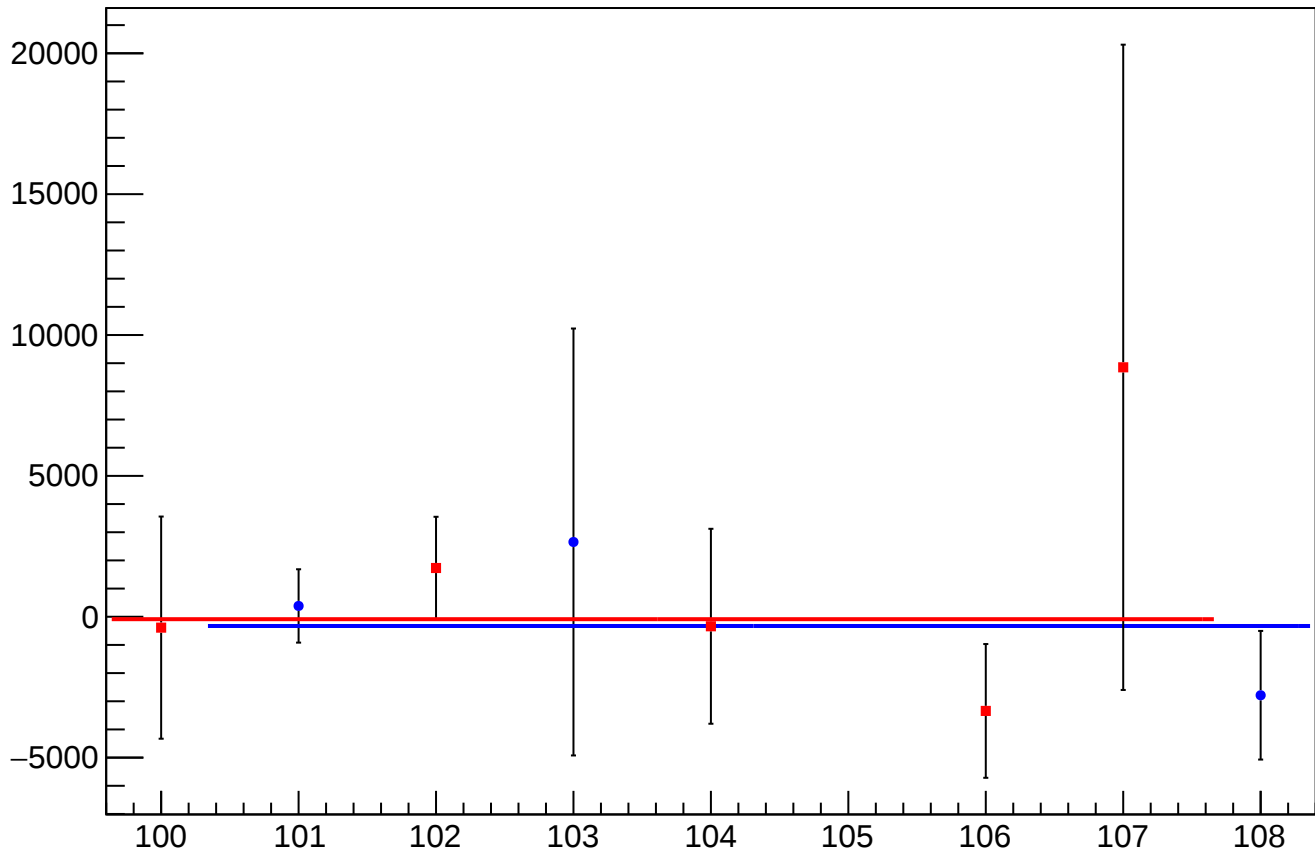
Right: 2827.698 $\pm$ 1.120 χ^2 /NDF: 164051.5/7

In: 2700.545 $\pm$ 1.561 χ^2 /NDF:57864.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2827.698 $\pm$ 1.120 χ^2 /NDF: 164051.5/7

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -327.921+/-1118.567 χ^2/NDF : 1.6/2

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

Right Out: -86.460+/-1254.304 χ^2/NDF : 3.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

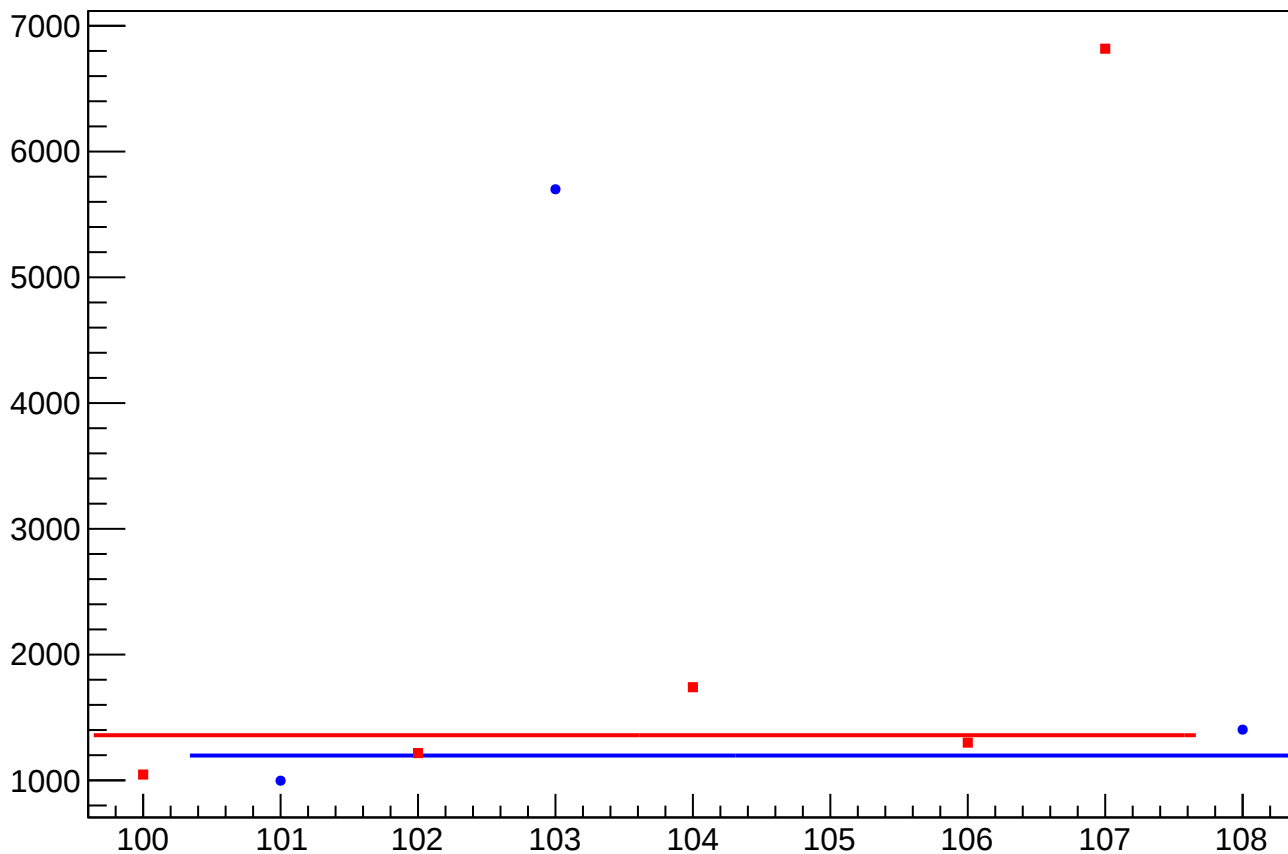
Right: -220.958+/-834.827 χ^2/NDF : 5.1/7

In: -327.921+/-1118.567 χ^2/NDF : 1.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -220.958+/-834.827 χ^2/NDF : 5.1/7

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1197.256+/-0.791 χ^2/NDF : 769818.3/2

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

Right Out: 1358.853+/-0.887 χ^2/NDF : 504829.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

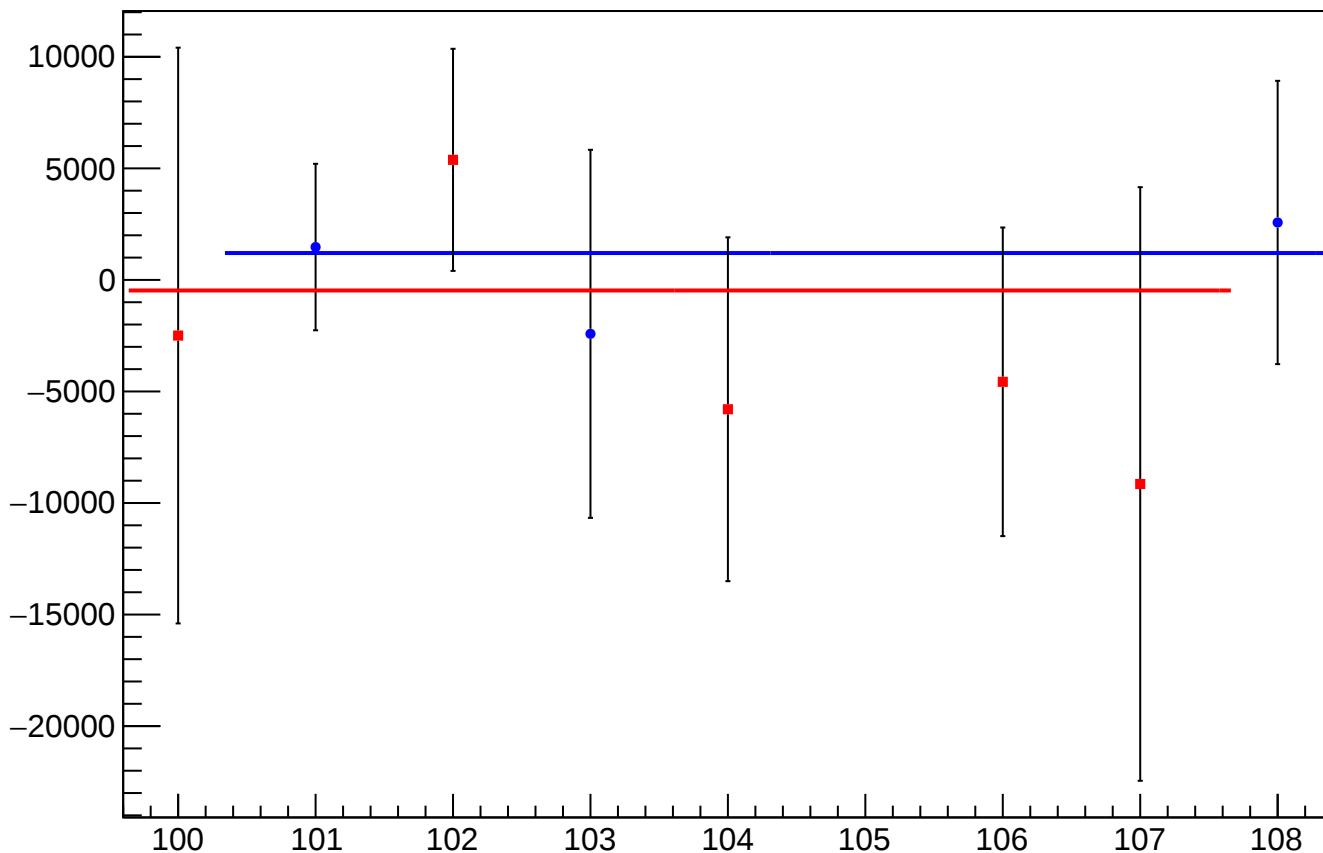
Right: 1268.841+/-0.590 χ^2/NDF : 1293138.9/7

In: 1197.256+/-0.791 χ^2/NDF : 769818.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1268.841+/-0.590 χ^2/NDF : 1293138.9/7

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1205.067+/-2997.128 χ^2/NDF : 0.2/2

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

Right Out: -473.610+/-3337.873 χ^2/NDF : 2.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

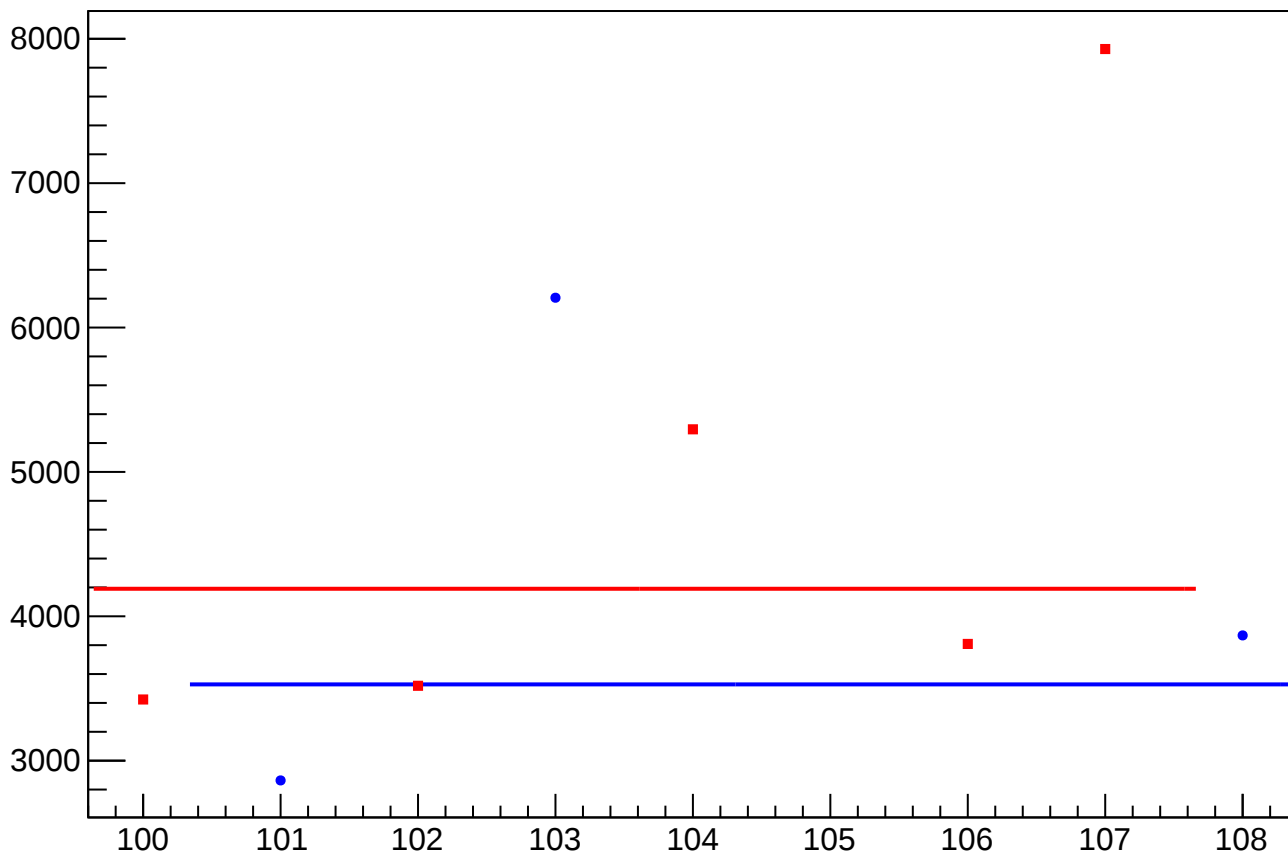
Right: 455.760+/-2230.058 χ^2/NDF : 3.0/7

In: 1205.067+/-2997.128 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 455.760+/-2230.058 χ^2/NDF : 3.0/7

asym_atl1_rms vs Slug, Sign Corrected



Right In: 3528.374+/-2.119 χ^2/NDF : 280055.4/2

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

Right Out: 4190.698+/-2.360 χ^2/NDF : 248605.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

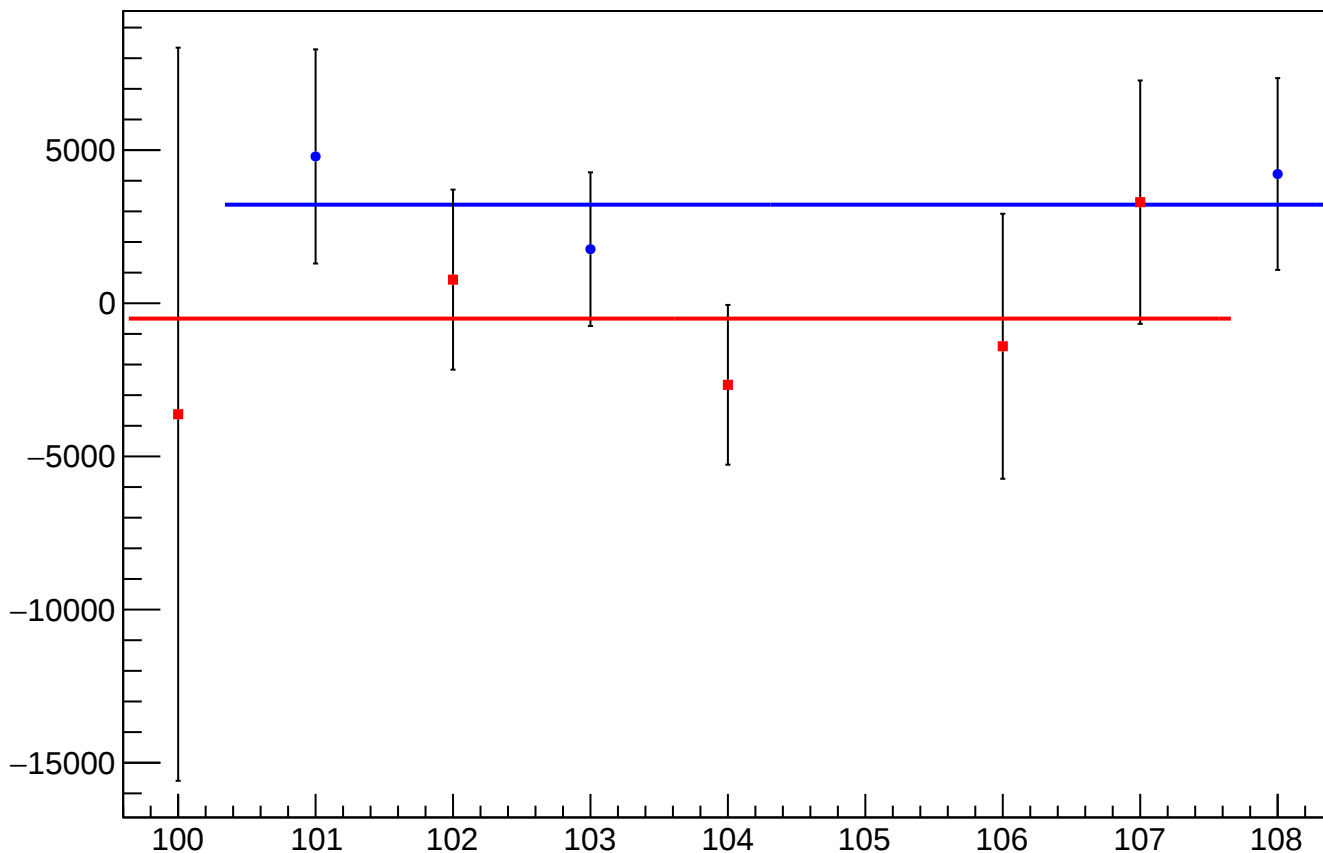
Right: 3824.014+/-1.577 χ^2/NDF : 572257.1/7

In: 3528.374+/-2.119 χ^2/NDF : 280055.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3824.014+/-1.577 χ^2/NDF : 572257.1/7

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 3218.831+/-1707.839 χ^2/NDF : 0.6/2

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

Right Out: -500.081+/-1608.189 χ^2/NDF : 1.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

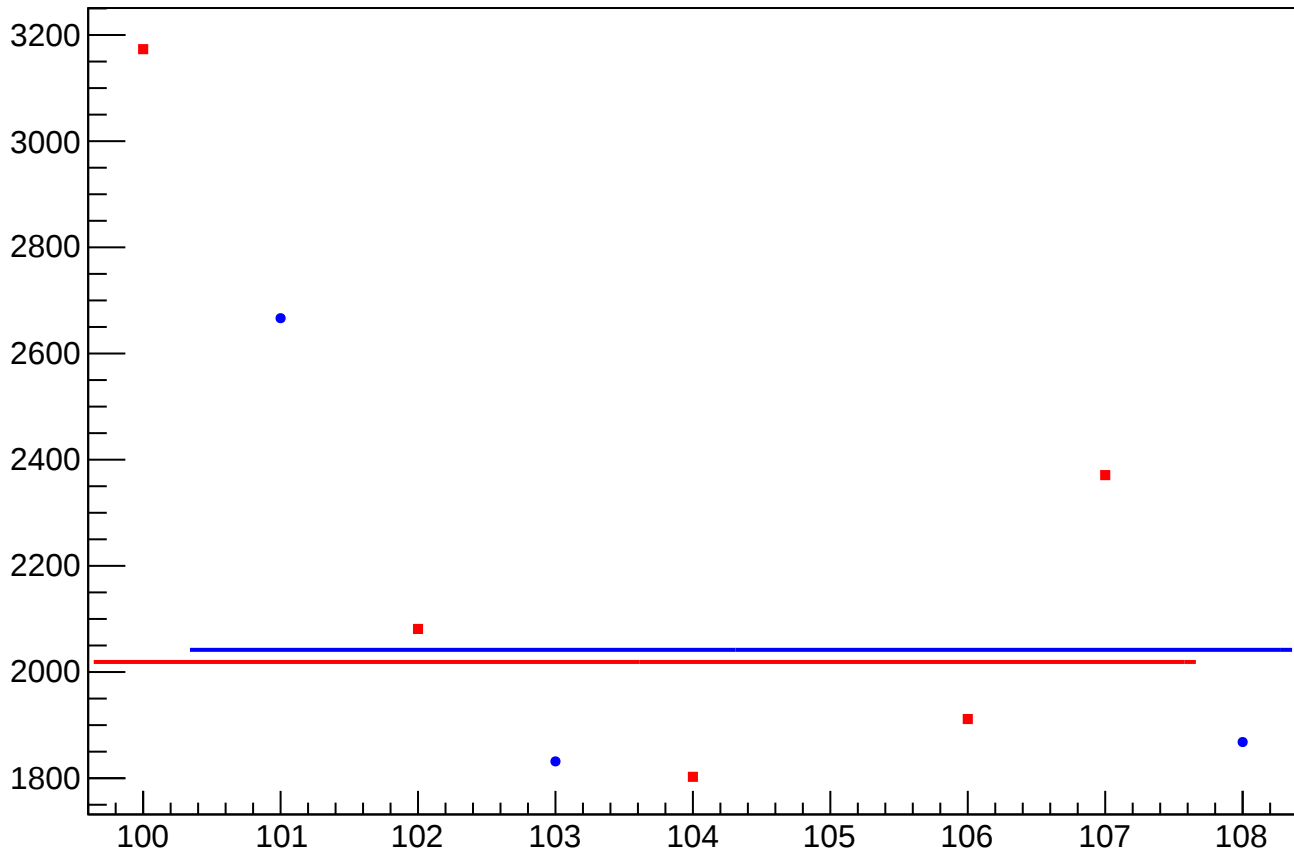
Right: 1247.719+/-1170.806 χ^2/NDF : 5.1/7

In: 3218.831+/-1707.839 χ^2/NDF : 0.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1247.719+/-1170.806 χ^2/NDF : 5.1/7

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2041.815+/-1.208 χ^2/NDF : 84079.0/2

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

Right Out: 2018.985+/-1.137 χ^2/NDF : 50210.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

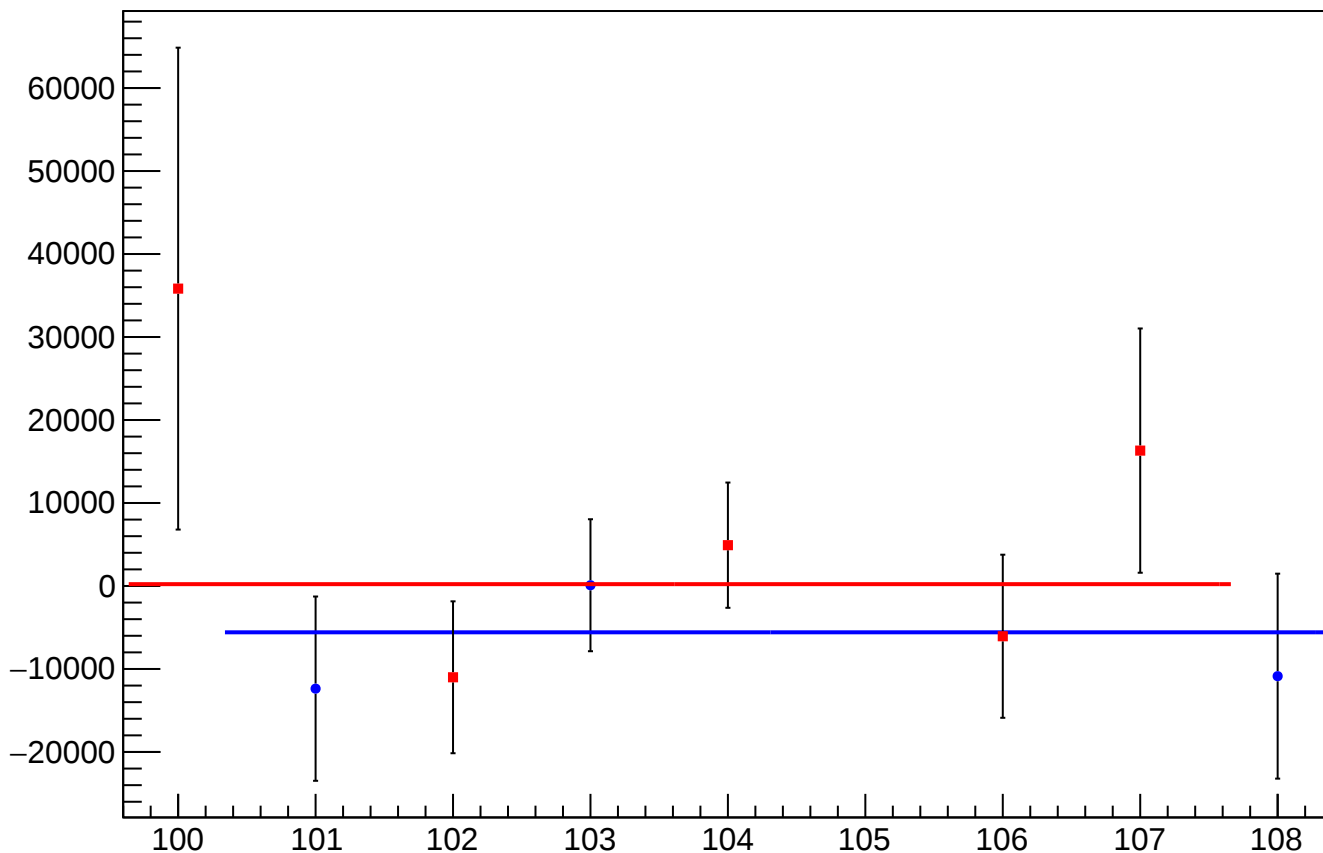
Right: 2029.714+/-0.828 χ^2/NDF : 134479.2/7

In: 2041.815+/-1.208 χ^2/NDF : 84079.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2029.714+/-0.828 χ^2/NDF : 134479.2/7

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -5582.951+/-5727.354 χ^2/NDF : 1.1/2

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

Right Out: 220.306+/-4679.893 χ^2/NDF : 5.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

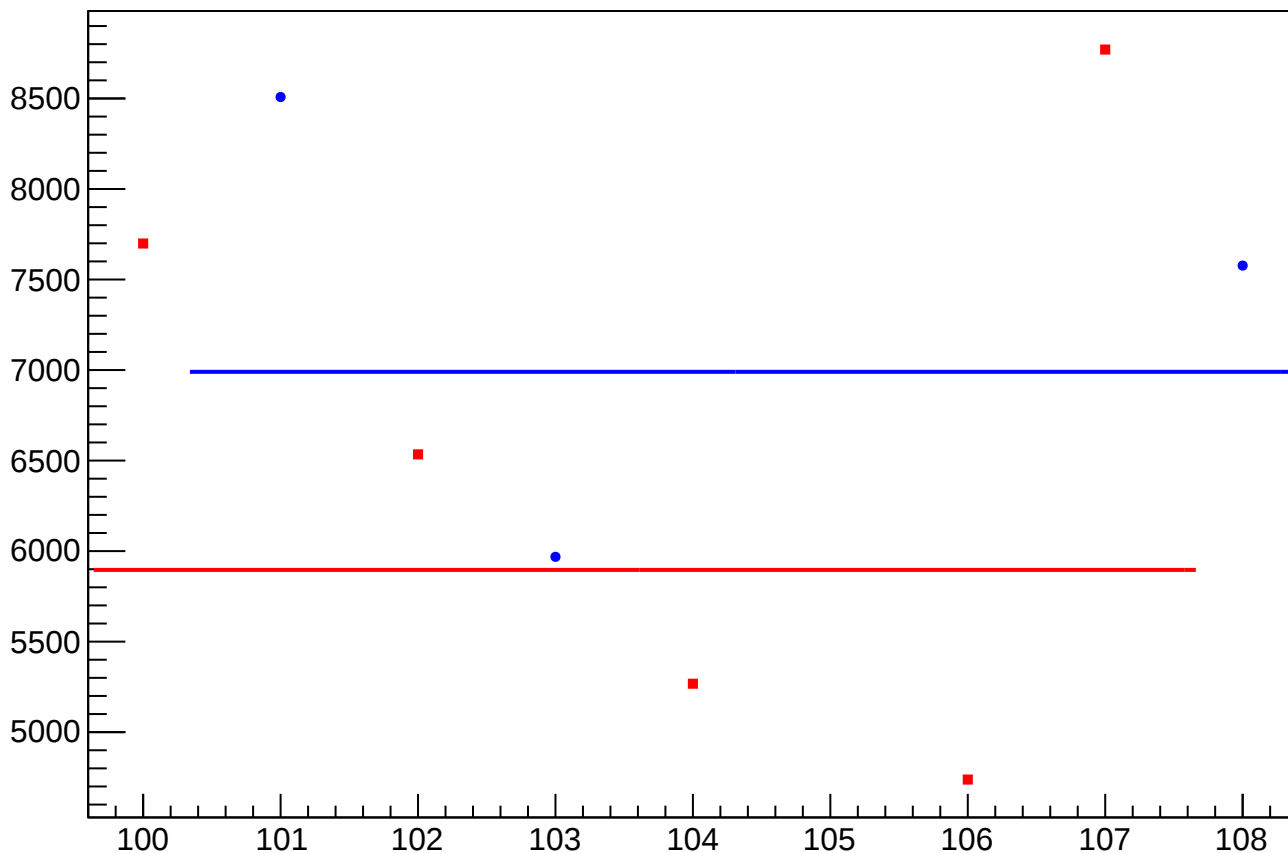
Right: -2103.098+/-3623.936 χ^2/NDF : 6.7/7

In: -5582.951+/-5727.354 χ^2/NDF : 1.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2103.098+/-3623.936 χ^2/NDF : 6.7/7

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 6990.212+/-4.050 χ^2/NDF : 74914.1/2

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

Right Out: 5896.209+/-3.309 χ^2/NDF : 135352.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

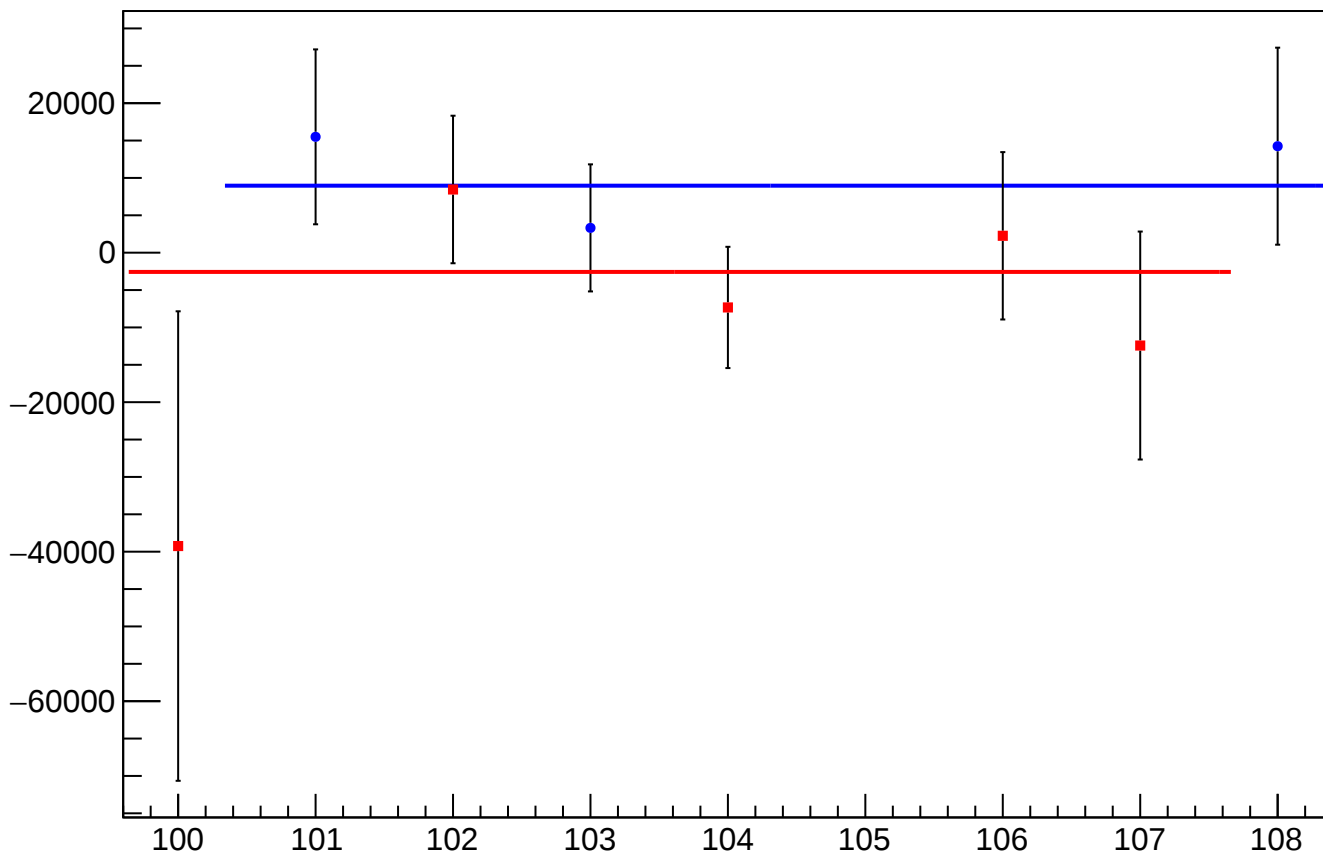
Right: 6334.206+/-2.563 χ^2/NDF : 254023.7/7

In: 6990.212+/-4.050 χ^2/NDF : 74914.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6334.206+/-2.563 χ^2/NDF : 254023.7/7

asym_atl2_mean vs Slug, Sign Corrected



Right In: 8962.298 $\pm$ 6096.390 χ^2/NDF : 0.9/2

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

Right Out: -2574.162 $\pm$ 5079.116 χ^2/NDF : 3.6/4

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

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

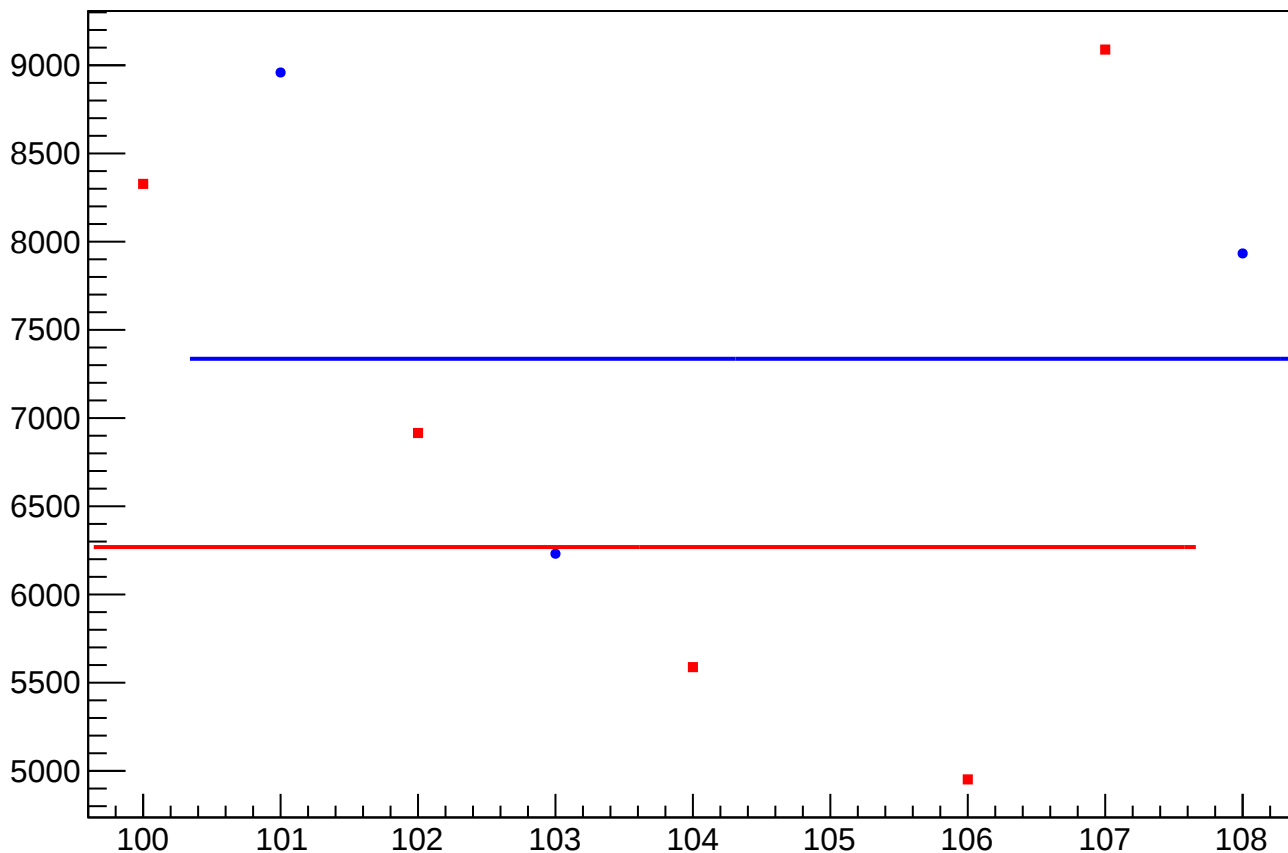
Right: 2152.567 $\pm$ 3902.266 χ^2/NDF : 6.6/7

In: 8962.298 $\pm$ 6096.390 χ^2/NDF : 0.9/2

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

All: 2152.567 $\pm$ 3902.266 χ^2/NDF : 6.6/7

asym_atl2_rms vs Slug, Sign Corrected



Right In: 7336.108+/-4.311 χ^2/NDF : 76399.7/2

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

Right Out: 6268.912+/-3.591 χ^2/NDF : 127358.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

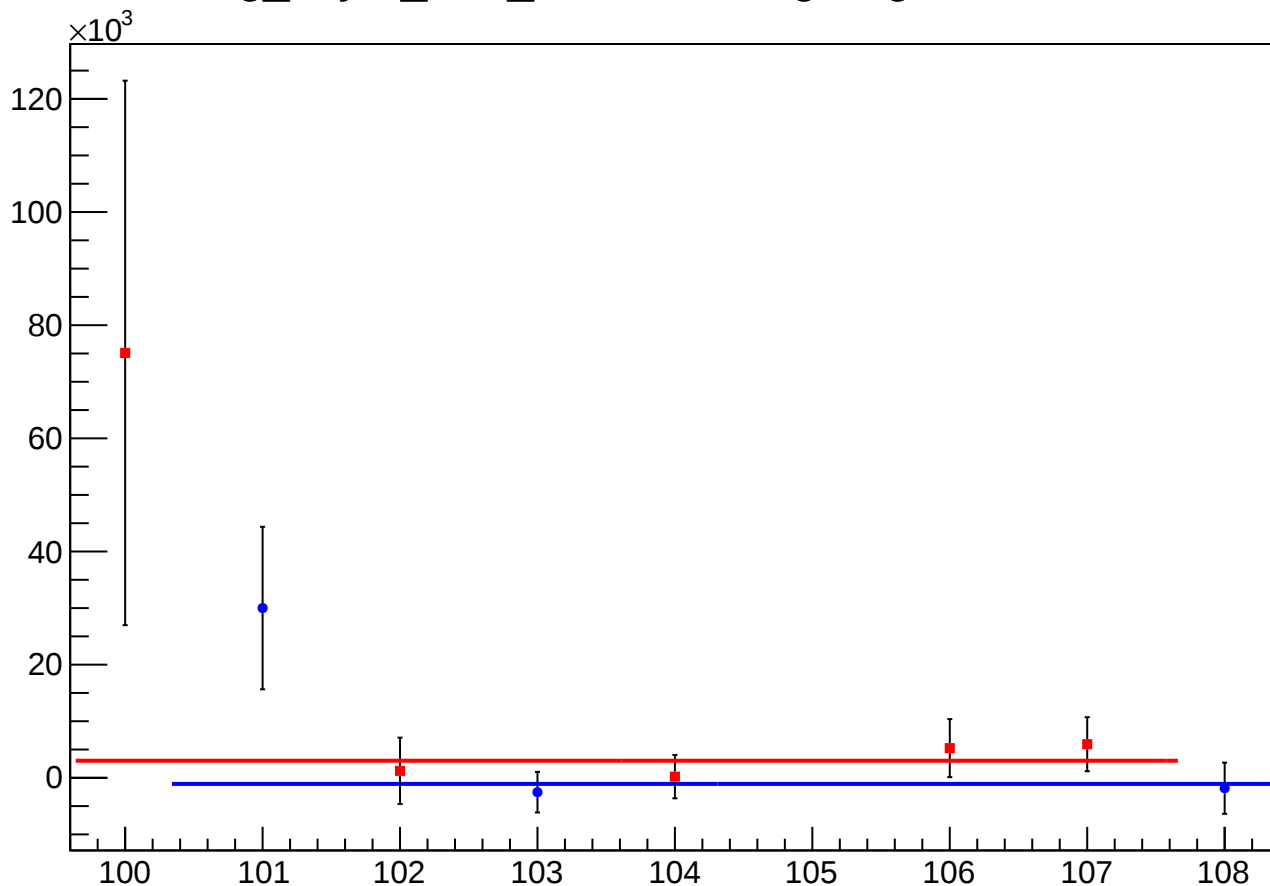
Right: 6706.125+/-2.759 χ^2/NDF : 239939.1/7

In: 7336.108+/-4.311 χ^2/NDF : 76399.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6706.125+/-2.759 χ^2/NDF : 239939.1/7

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: -1076.673 ± 2757.352 $\chi^2/\text{NDF}: 4.9/2$

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

Right Out: 3022.887 ± 2360.505 $\chi^2/\text{NDF}: 3.4/4$

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

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

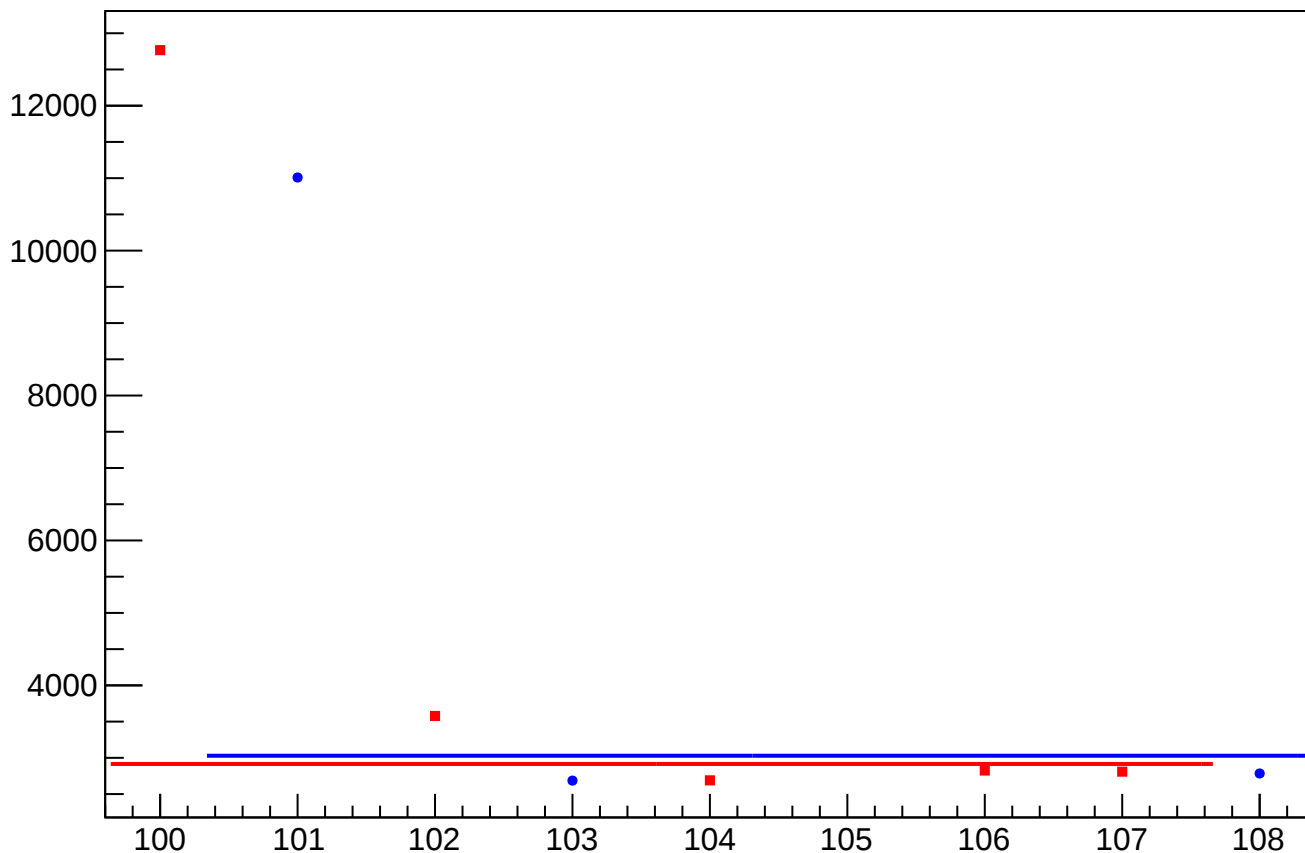
Right: 1289.093 ± 1793.173 $\chi^2/\text{NDF}: 9.6/7$

In: -1076.673 ± 2757.352 $\chi^2/\text{NDF}: 4.9/2$

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

All: 1289.093 ± 1793.173 $\chi^2/\text{NDF}: 9.6/7$

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 3029.009+/-1.950 χ^2/NDF : 641644.4/2

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

Right Out: 2915.477+/-1.669 χ^2/NDF : 117891.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

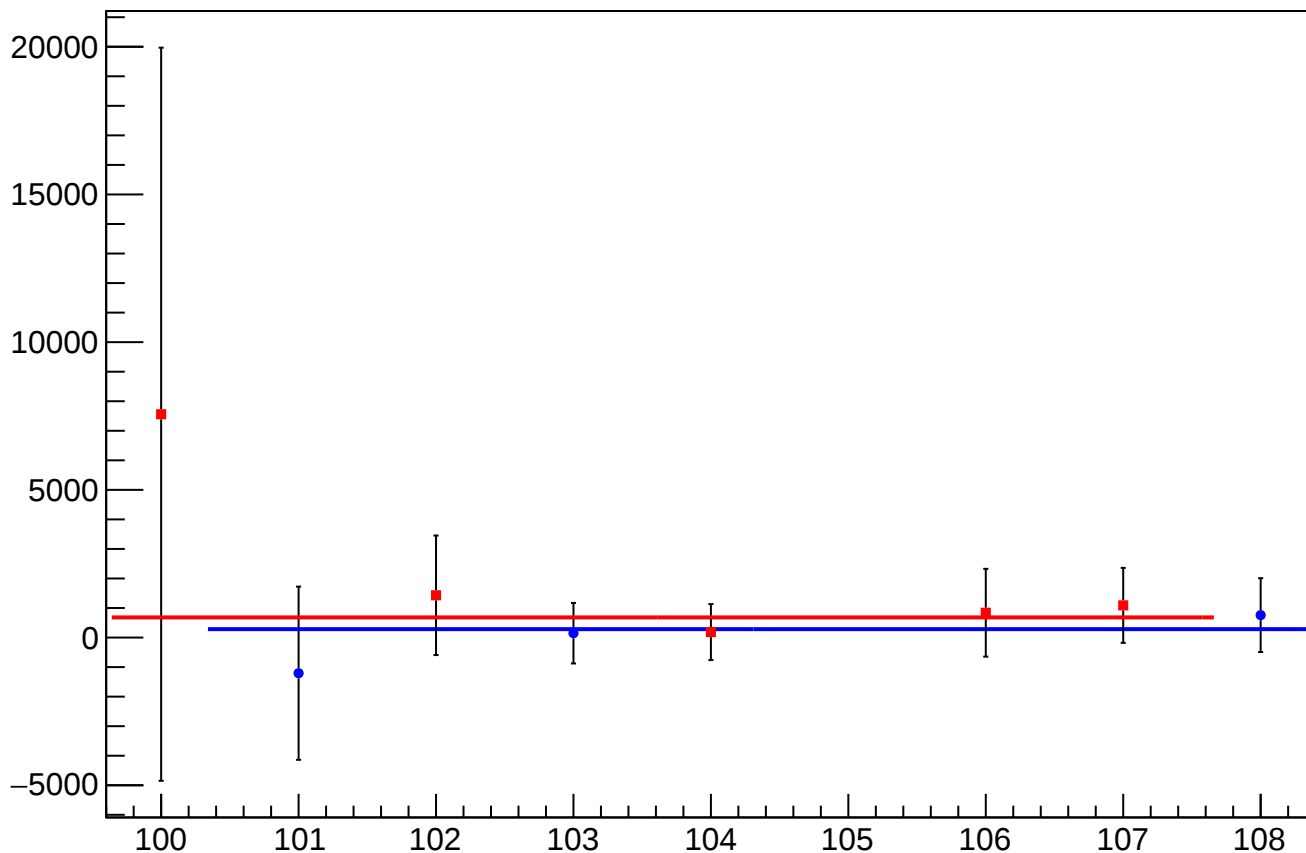
Right: 2963.492+/-1.268 χ^2/NDF : 761492.5/7

In: 3029.009+/-1.950 χ^2/NDF : 641644.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2963.492+/-1.268 χ^2/NDF : 761492.5/7

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: 284.823+/-764.982 χ^2/NDF : 0.4/2

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

Right Out: 682.189+/-640.409 χ^2/NDF : 0.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

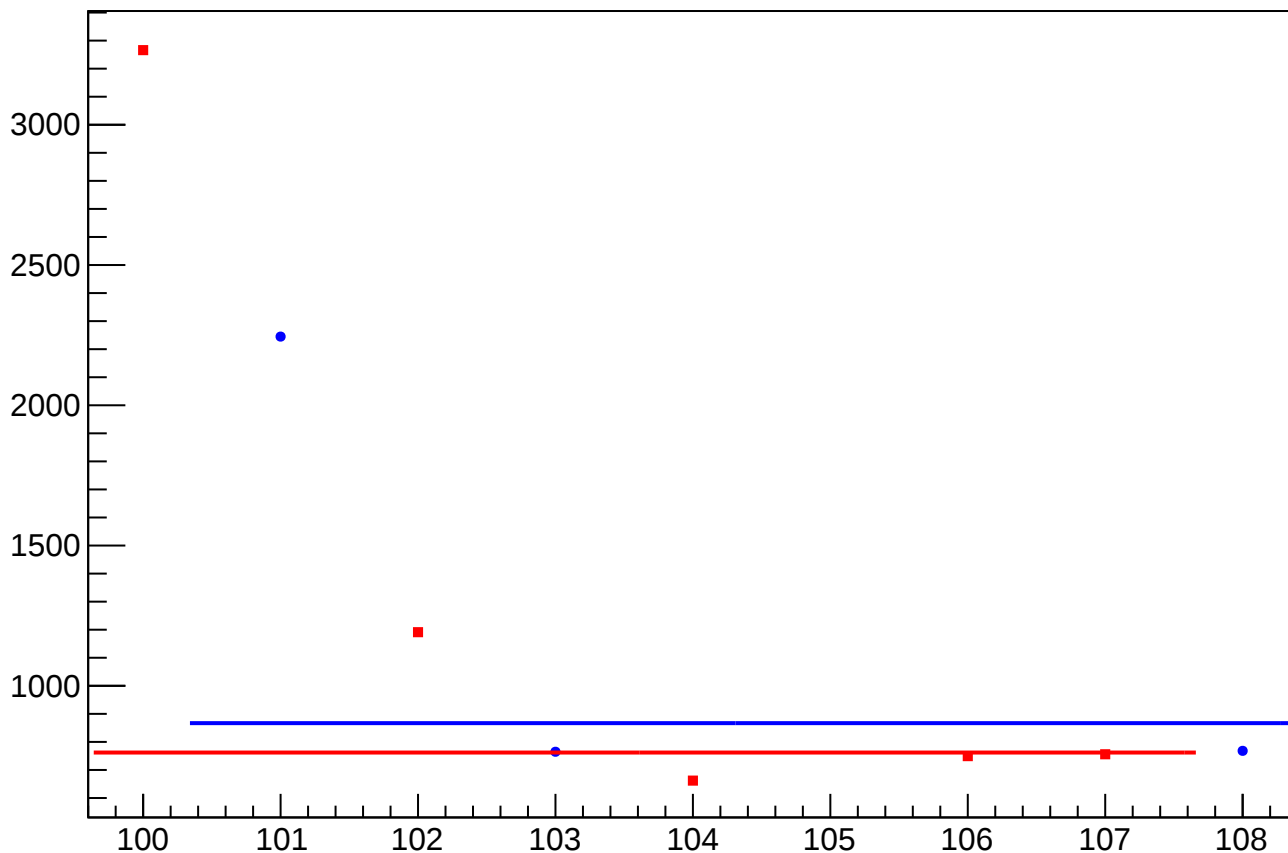
Right: 518.454+/-491.051 χ^2/NDF : 1.4/7

In: 284.823+/-764.982 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 518.454+/-491.051 χ^2/NDF : 1.4/7

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 866.902 $\pm$ 0.541 χ^2 /NDF: 474167.8/2

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

Right Out: 762.117 $\pm$ 0.453 χ^2 /NDF: 193867.6/4

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

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

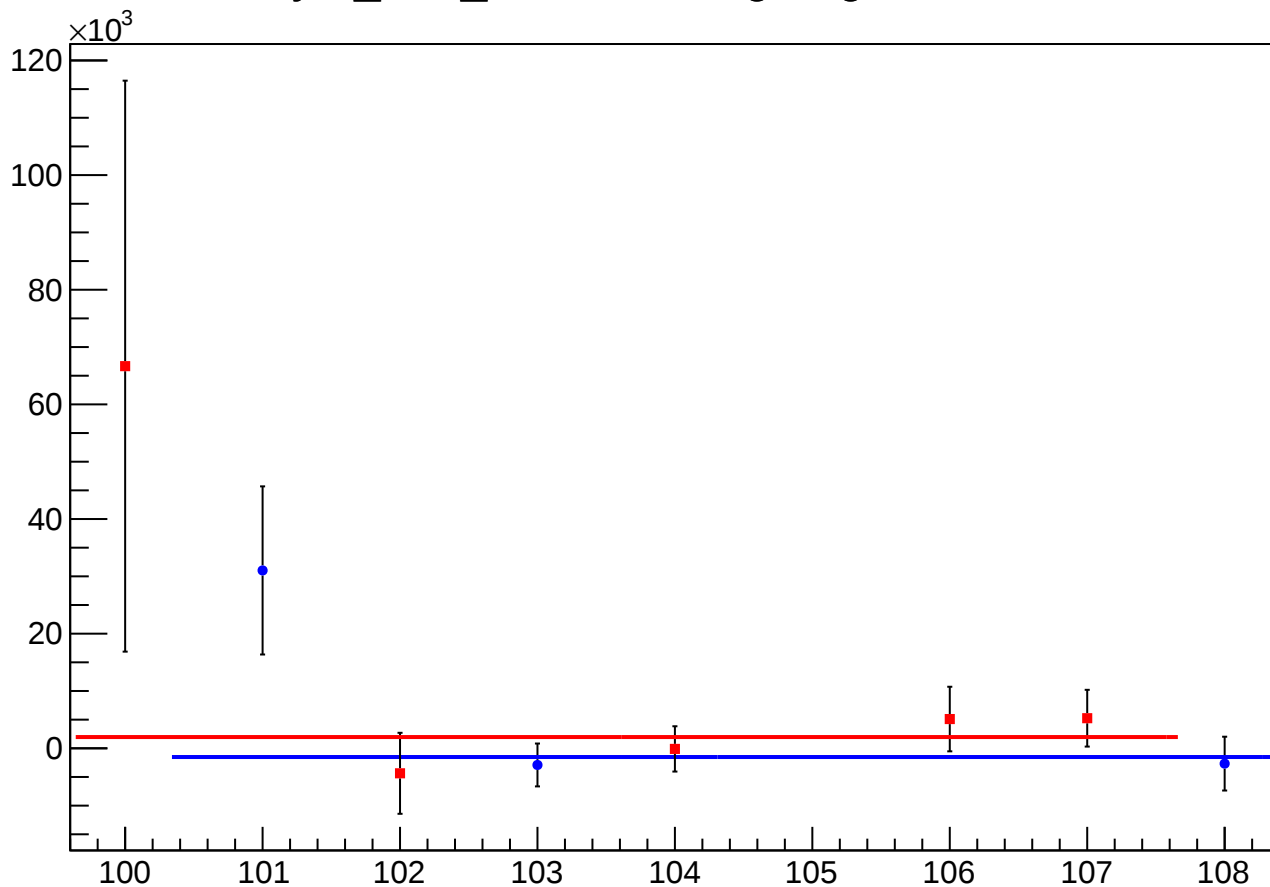
Right: 805.294 $\pm$ 0.347 χ^2 /NDF: 690098.3/7

In: 866.902 $\pm$ 0.541 χ^2 /NDF: 474167.8/2

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

All: 805.294 $\pm$ 0.347 χ^2 /NDF: 690098.3/7

asym_atr1_mean vs Slug, Sign Corrected



Right In: -1519.327+/-2868.655 χ^2/NDF : 5.1/2

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

Right Out: 1964.270+/-2525.486 χ^2/NDF : 3.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

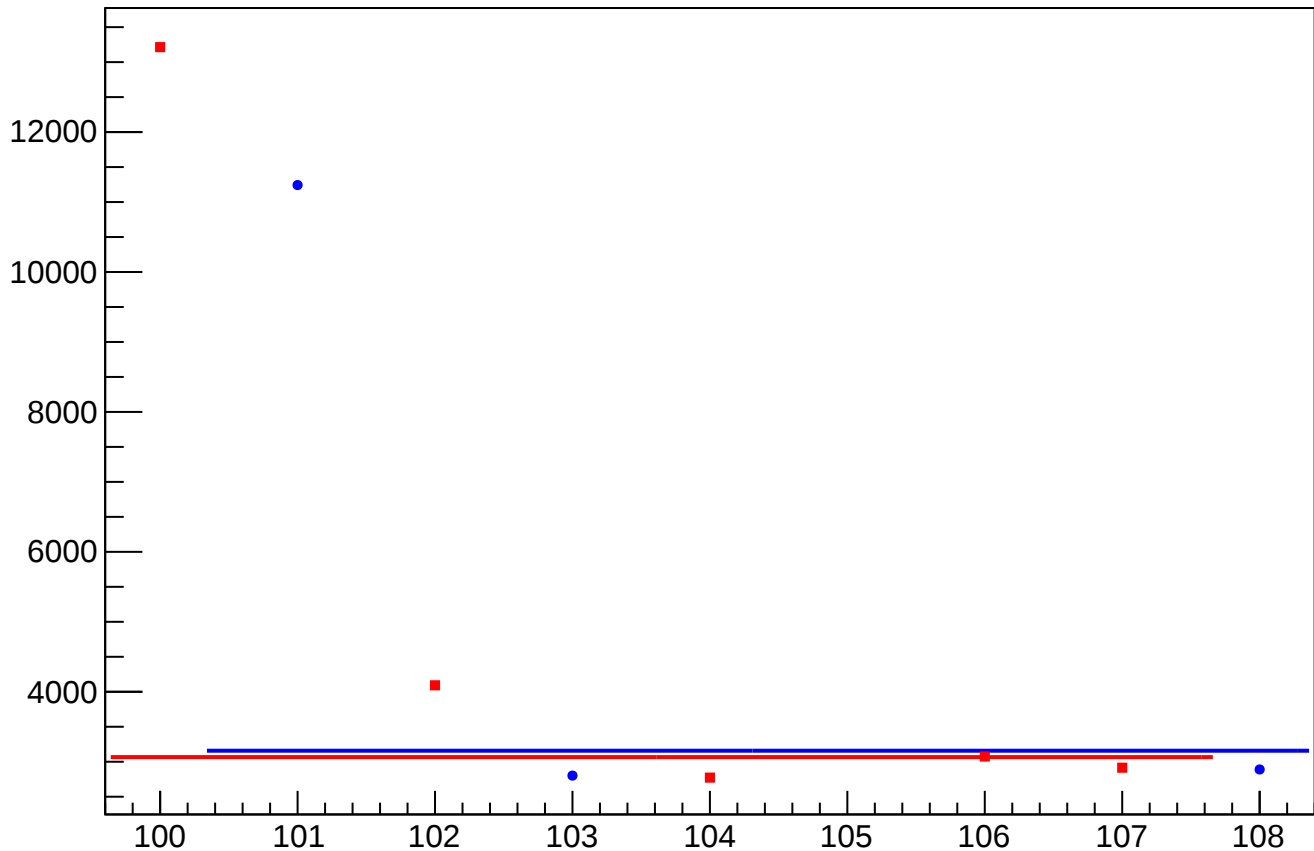
Right: 443.200+/-1895.566 χ^2/NDF : 9.5/7

In: -1519.327+/-2868.655 χ^2/NDF : 5.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.200+/-1895.566 χ^2/NDF : 9.5/7

asym_atr1_rms vs Slug, Sign Corrected



Right In: 3157.499+/-2.028 χ^2/NDF : 632444.6/2

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

Right Out: 3066.120+/-1.786 χ^2/NDF : 138121.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

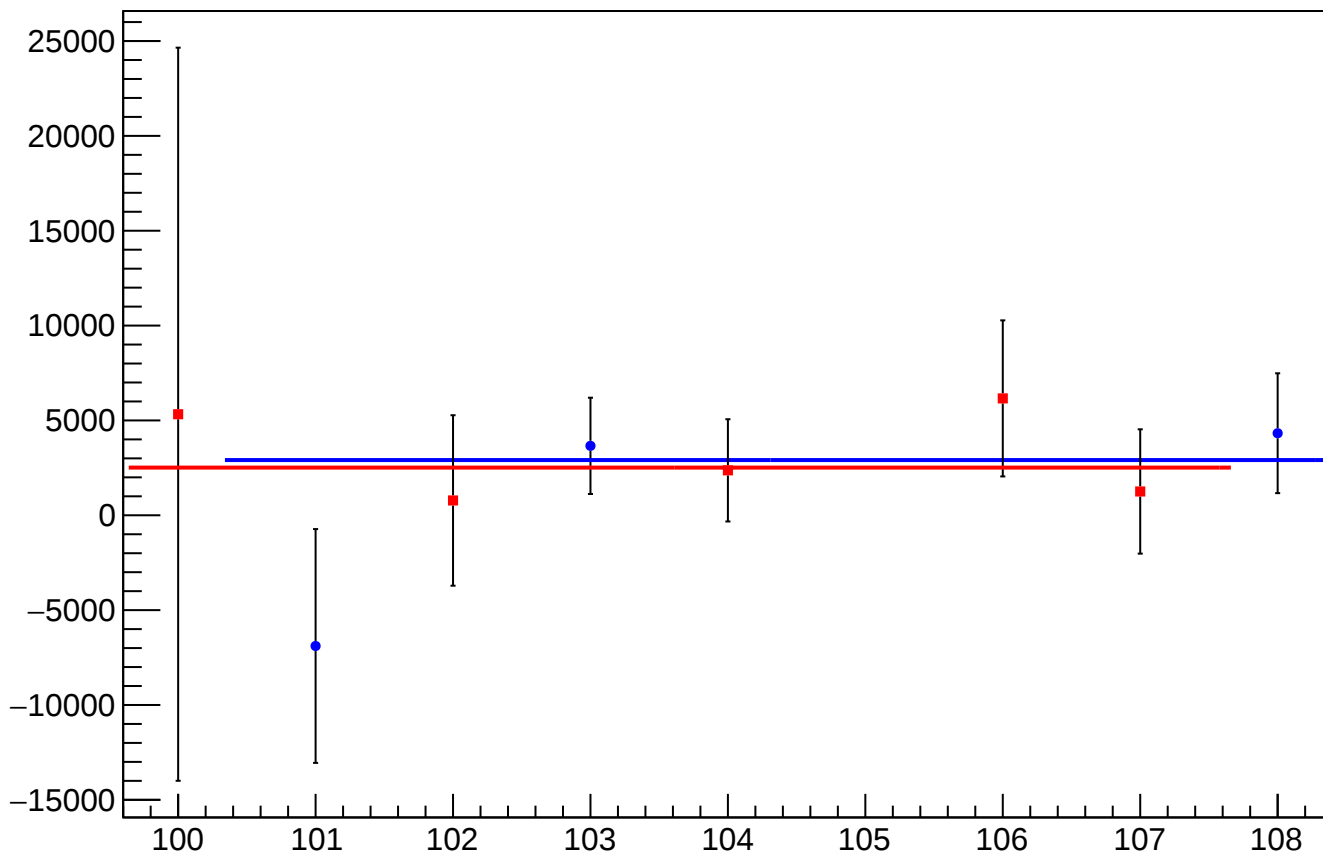
Right: 3106.019+/-1.340 χ^2/NDF : 771709.7/7

In: 3157.499+/-2.028 χ^2/NDF : 632444.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3106.019+/-1.340 χ^2/NDF : 771709.7/7

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 2911.199+/-1883.672 χ^2/NDF : 2.8/2

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

Right Out: 2514.003+/-1709.801 χ^2/NDF : 1.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

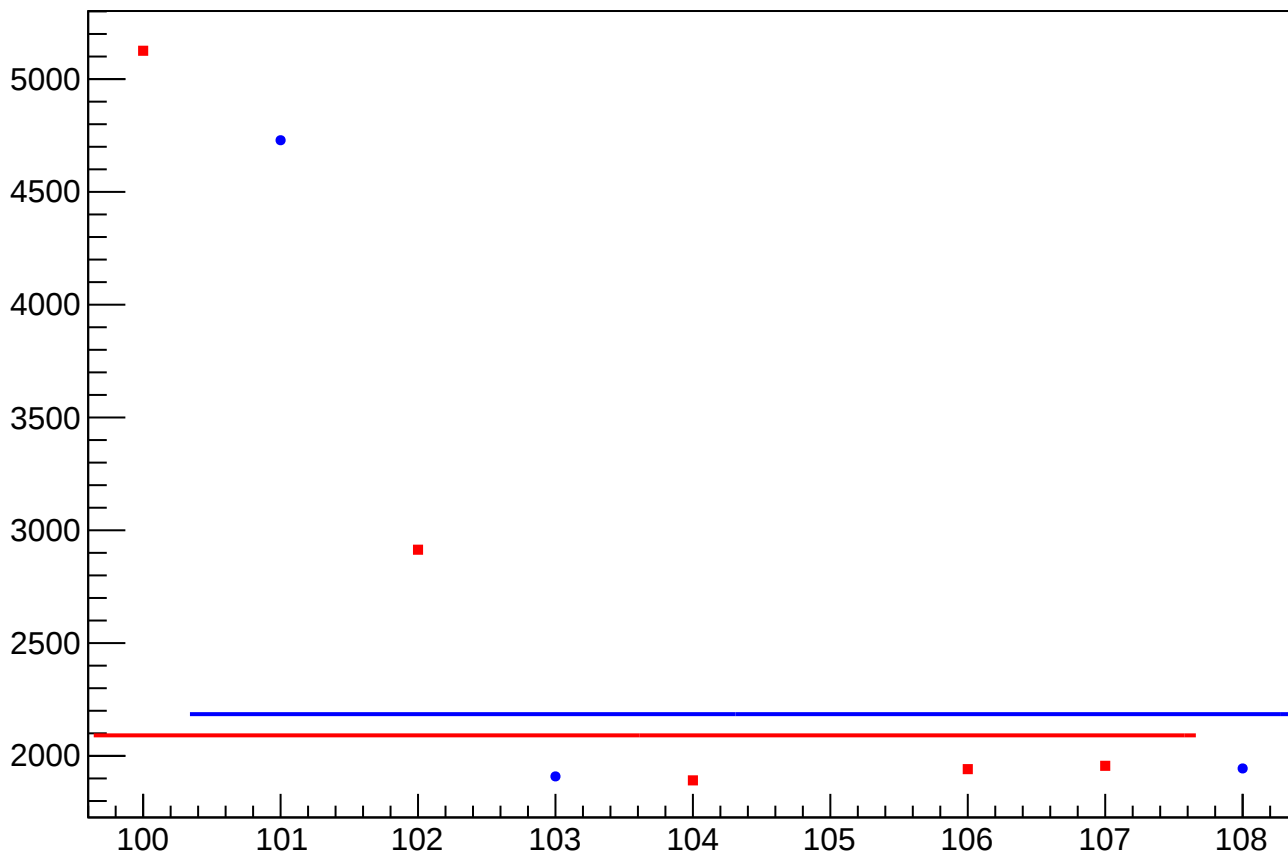
Right: 2693.428+/-1266.029 χ^2/NDF : 3.9/7

In: 2911.199+/-1883.672 χ^2/NDF : 2.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2693.428+/-1266.029 χ^2/NDF : 3.9/7

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2185.032 $\pm$ 1.332 χ^2 /NDF: 376029.2/2

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

Right Out: 2091.013 $\pm$ 1.209 χ^2 /NDF: 133409.7/4

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

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

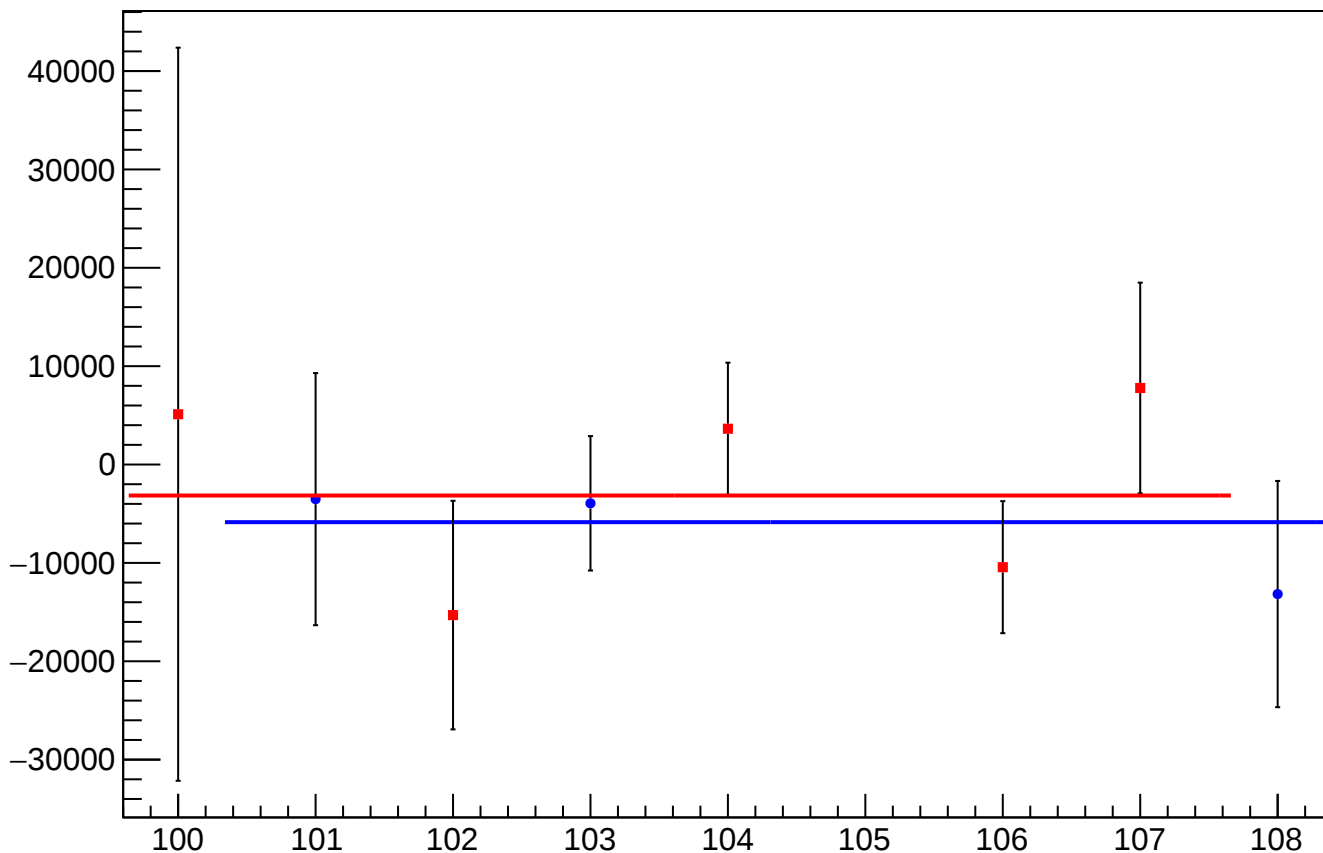
Right: 2133.483 $\pm$ 0.895 χ^2 /NDF: 512170.8/7

In: 2185.032 $\pm$ 1.332 χ^2 /NDF: 376029.2/2

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

All: 2133.483 $\pm$ 0.895 χ^2 /NDF: 512170.8/7

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -5858.864+/-5340.431 χ^2/NDF : 0.5/2

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

Right Out: -3149.666+/-4041.469 χ^2/NDF : 4.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

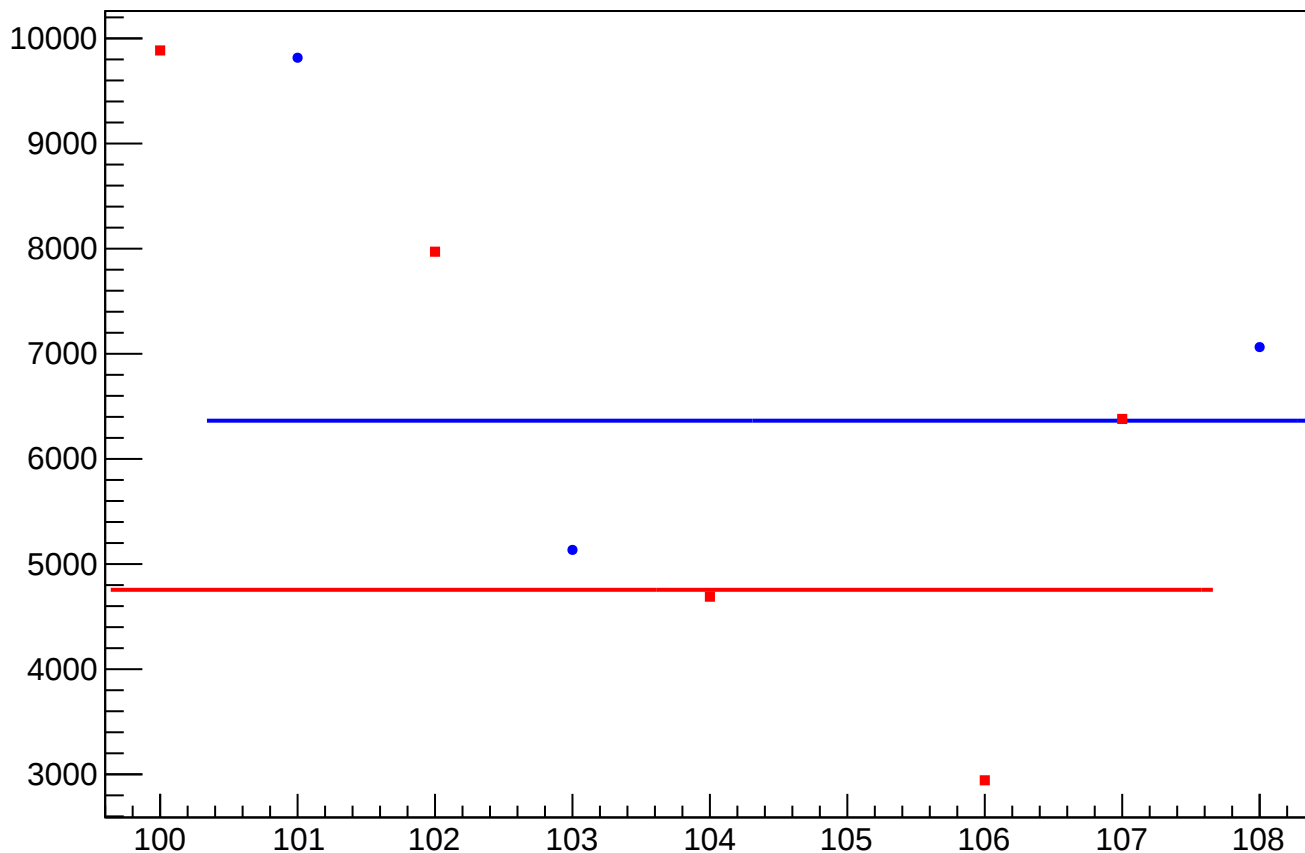
Right: -4136.221+/-3222.675 χ^2/NDF : 5.1/7

In: -5858.864+/-5340.431 χ^2/NDF : 0.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4136.221+/-3222.675 χ^2/NDF : 5.1/7

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 6363.756+/-3.776 χ^2/NDF : 217251.5/2

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

Right Out: 4755.176+/-2.858 χ^2/NDF : 383140.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

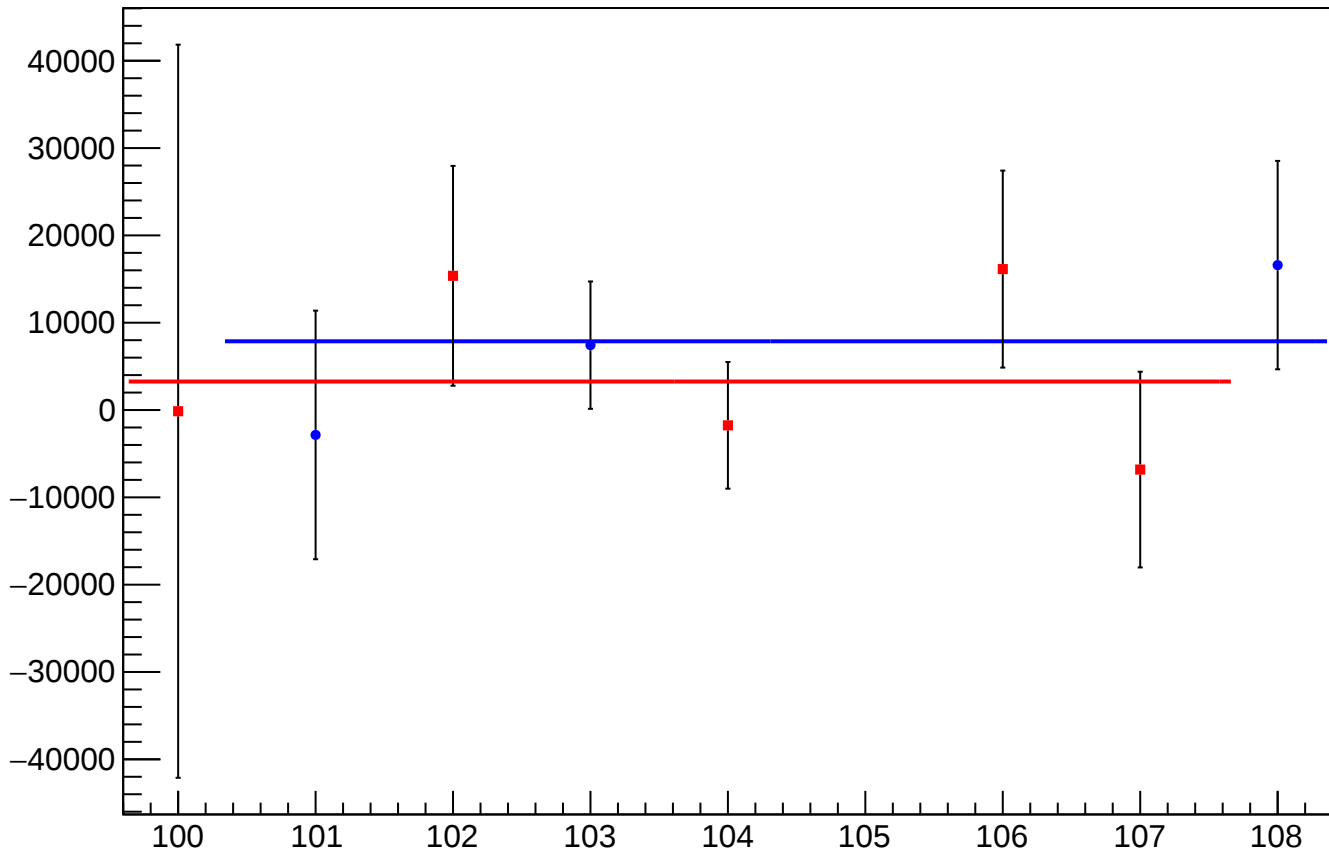
Right: 5340.940+/-2.279 χ^2/NDF : 715768.4/7

In: 6363.756+/-3.776 χ^2/NDF : 217251.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5340.940+/-2.279 χ^2/NDF : 715768.4/7

asym_atr2_mean vs Slug, Sign Corrected



Right In: 7872.810+/-5701.281 χ^2/NDF : 1.1/2

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

Right Out: 3264.788+/-4896.487 χ^2/NDF : 3.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

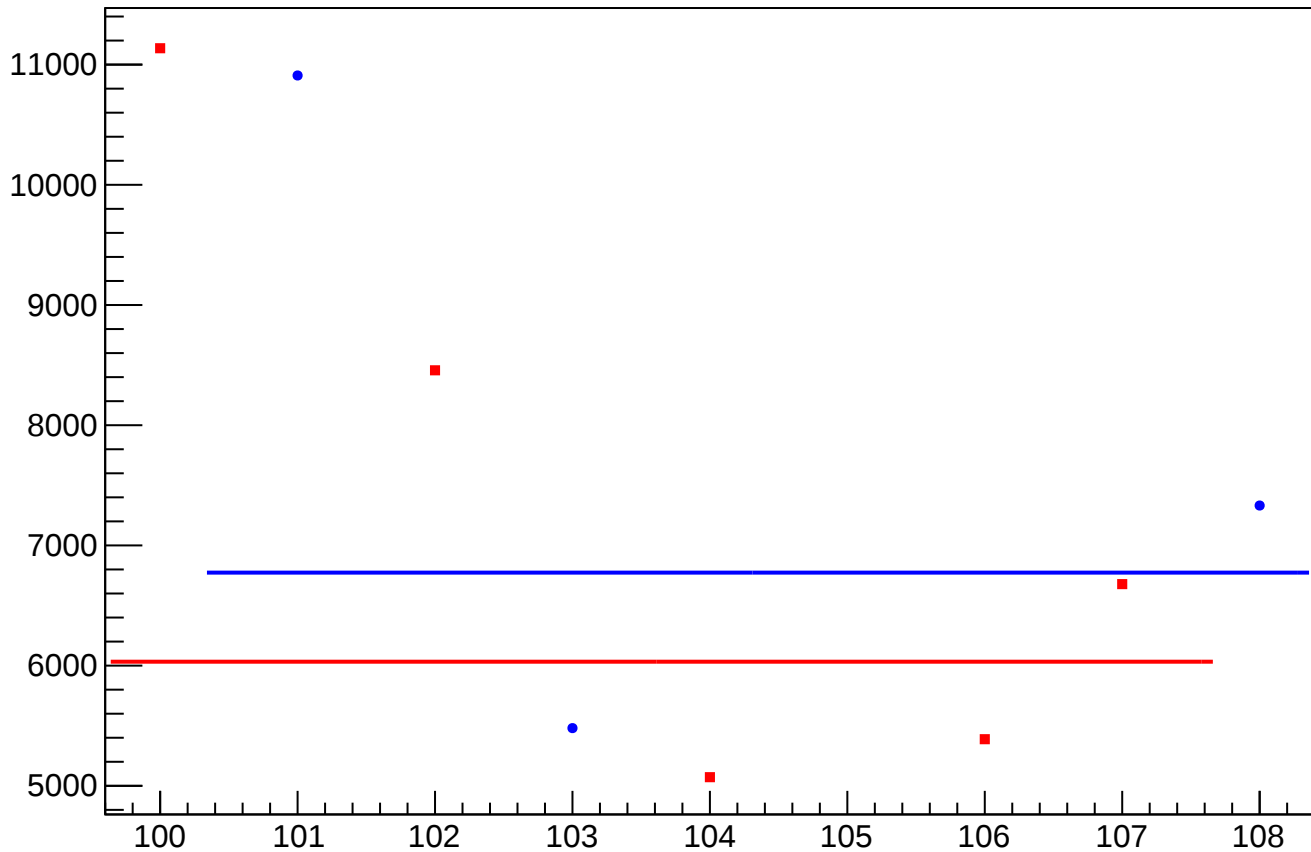
Right: 5220.873+/-3714.574 χ^2/NDF : 5.0/7

In: 7872.810+/-5701.281 χ^2/NDF : 1.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5220.873+/-3714.574 χ^2/NDF : 5.0/7

asym_atr2_rms vs Slug, Sign Corrected



Right In: 6773.763+/-4.031 χ^2/NDF : 236162.6/2

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

Right Out: 6032.644+/-3.462 χ^2/NDF : 152004.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

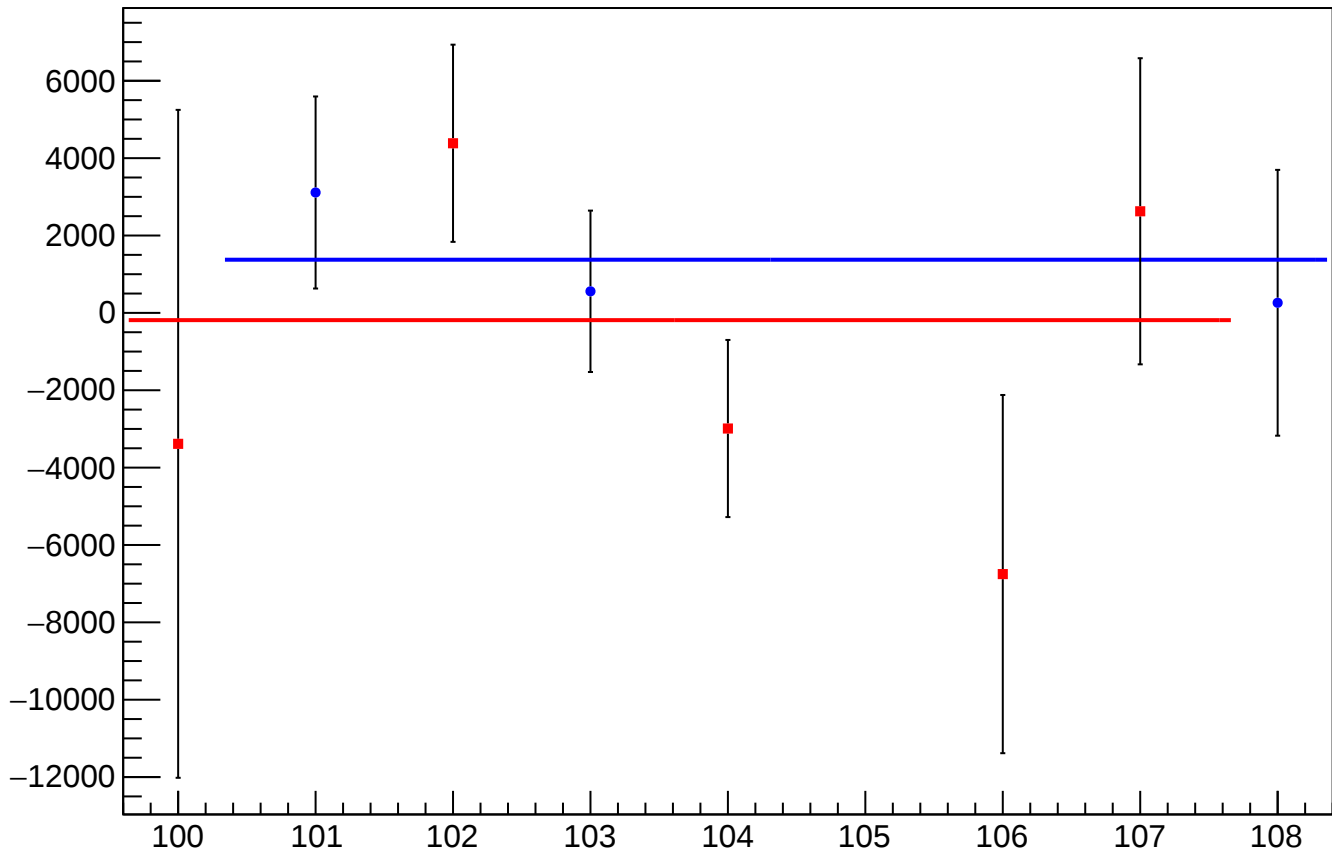
Right: 6347.215+/-2.626 χ^2/NDF : 407618.0/7

In: 6773.763+/-4.031 χ^2/NDF : 236162.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6347.215+/-2.626 χ^2/NDF : 407618.0/7

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1374.617+/-1448.350 χ^2/NDF : 0.7/2

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

Right Out: -187.369+/-1460.818 χ^2/NDF : 7.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

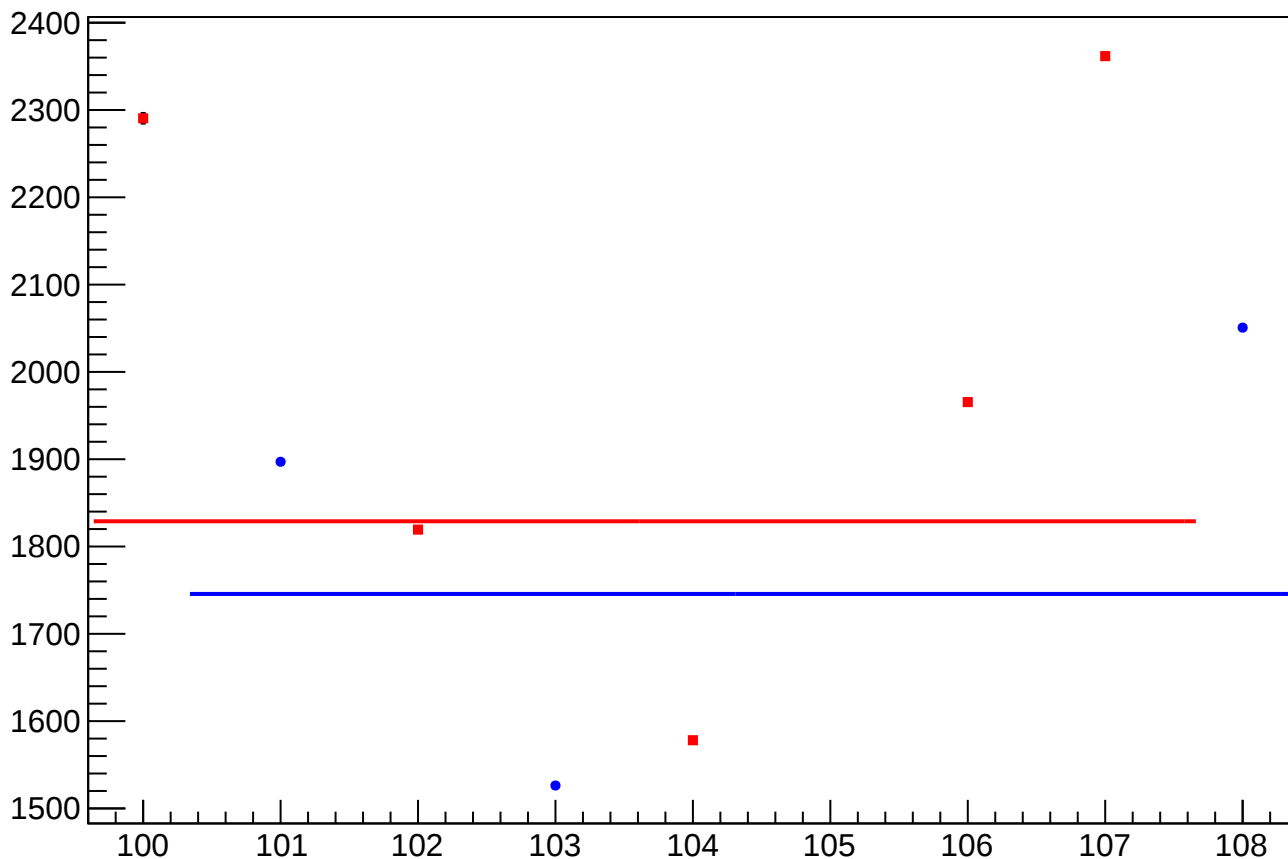
Right: 600.318+/-1028.518 χ^2/NDF : 8.7/7

In: 1374.617+/-1448.350 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 600.318+/-1028.518 χ^2/NDF : 8.7/7

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1745.673+/-1.024 χ^2/NDF : 45327.5/2

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

Right Out: 1828.915+/-1.012 χ^2/NDF : 68486.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

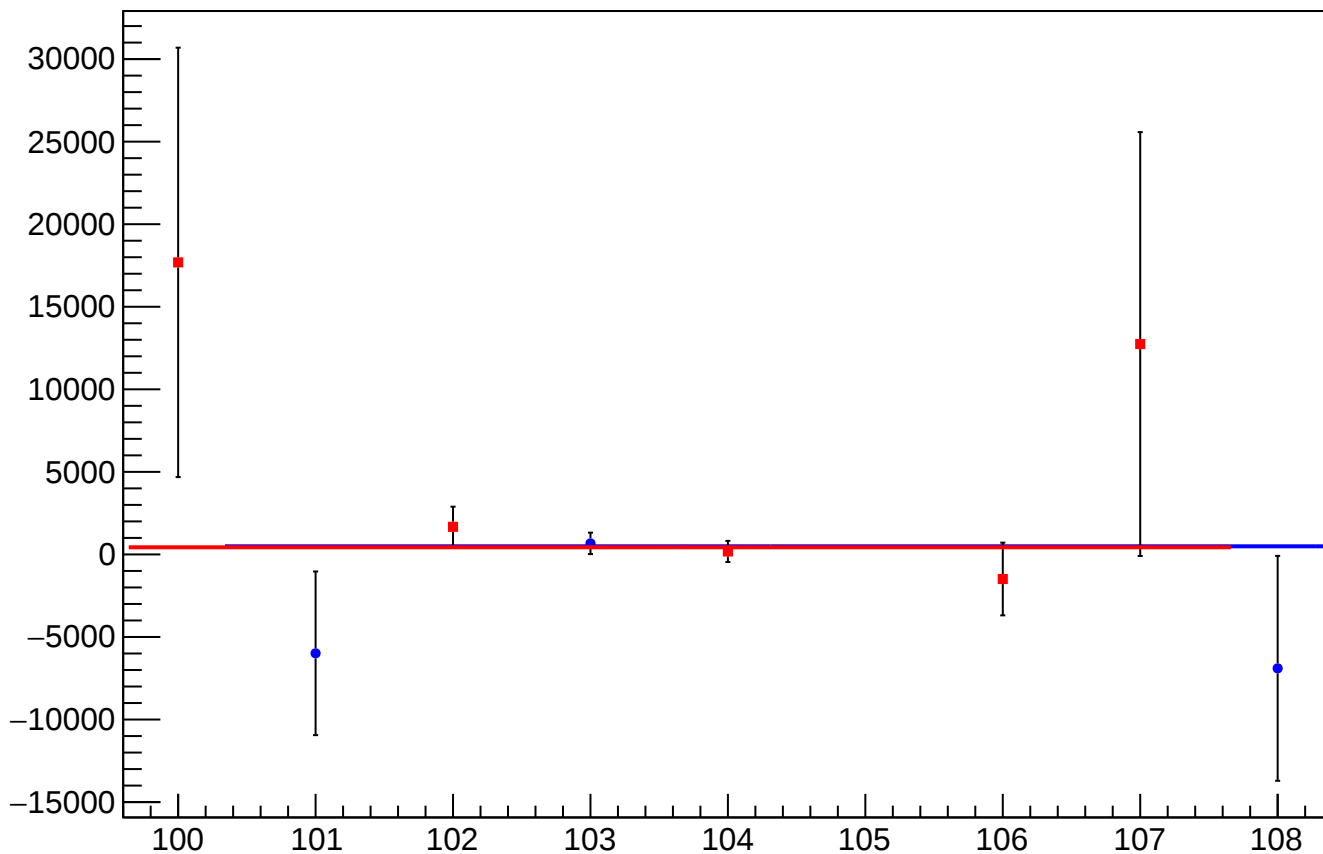
Right: 1787.803+/-0.720 χ^2/NDF : 117157.9/7

In: 1745.673+/-1.024 χ^2/NDF : 45327.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1787.803+/-0.720 χ^2/NDF : 117157.9/7

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 492.000+/-640.250 χ^2/NDF : 3.0/2

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

Right Out: 432.666+/-548.684 χ^2/NDF : 4.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

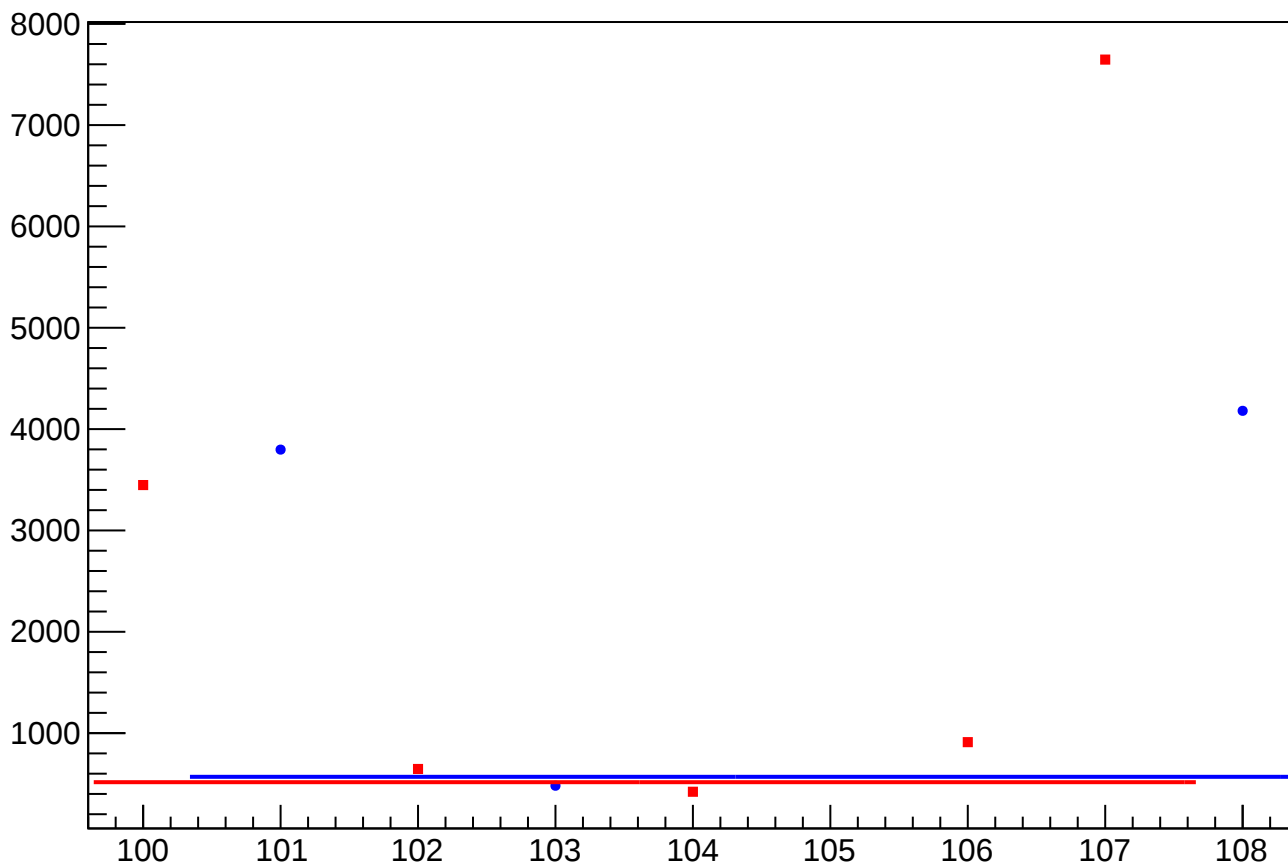
Right: 457.790+/-416.625 χ^2/NDF : 7.6/7

In: 492.000+/-640.250 χ^2/NDF : 3.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 457.790+/-416.625 χ^2/NDF : 7.6/7

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 569.000+/-0.453 χ^2/NDF : 1448080.5/2

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

Right Out: 515.987+/-0.388 χ^2/NDF : 849324.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

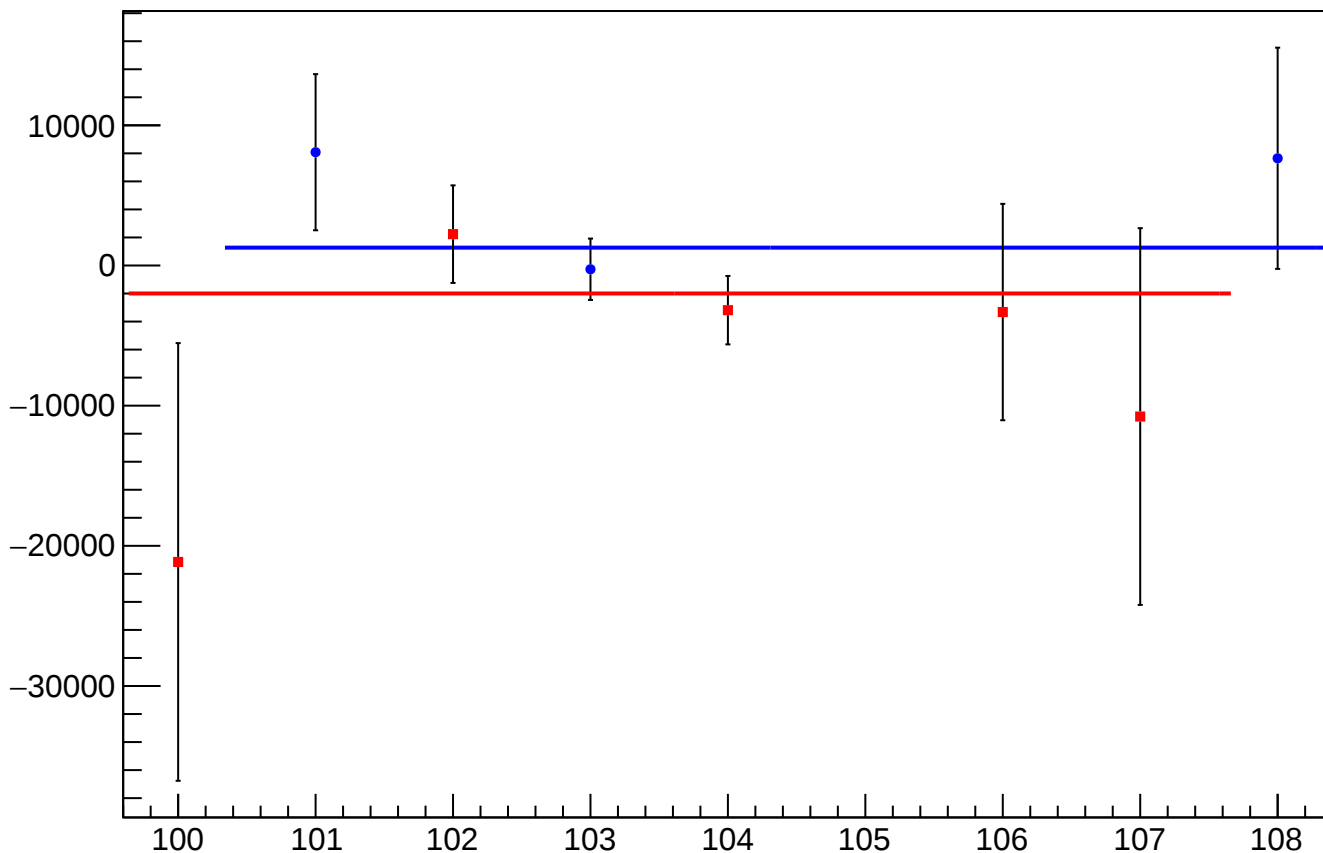
Right: 538.435+/-0.295 χ^2/NDF : 2305310.6/7

In: 569.000+/-0.453 χ^2/NDF : 1448080.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 538.435+/-0.295 χ^2/NDF : 2305310.6/7

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1273.424+/-1972.294 χ^2/NDF : 2.6/2

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

Right Out: -1996.095+/-1900.210 χ^2/NDF : 3.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

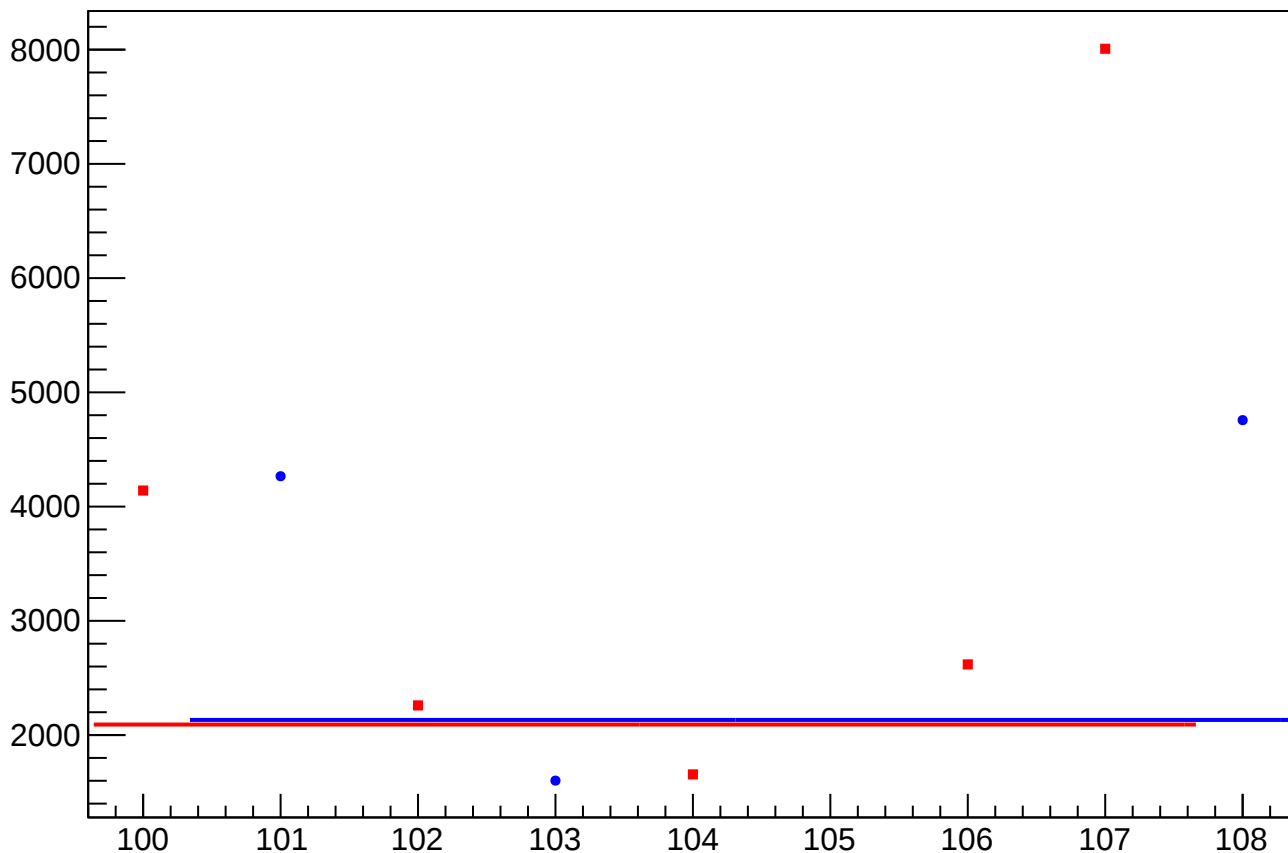
Right: -422.175+/-1368.426 χ^2/NDF : 7.7/7

In: 1273.424+/-1972.294 χ^2/NDF : 2.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -422.175+/-1368.426 χ^2/NDF : 7.7/7

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 2132.577+/-1.395 χ^2/NDF : 632506.4/2

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

Right Out: 2092.104+/-1.302 χ^2/NDF : 509725.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

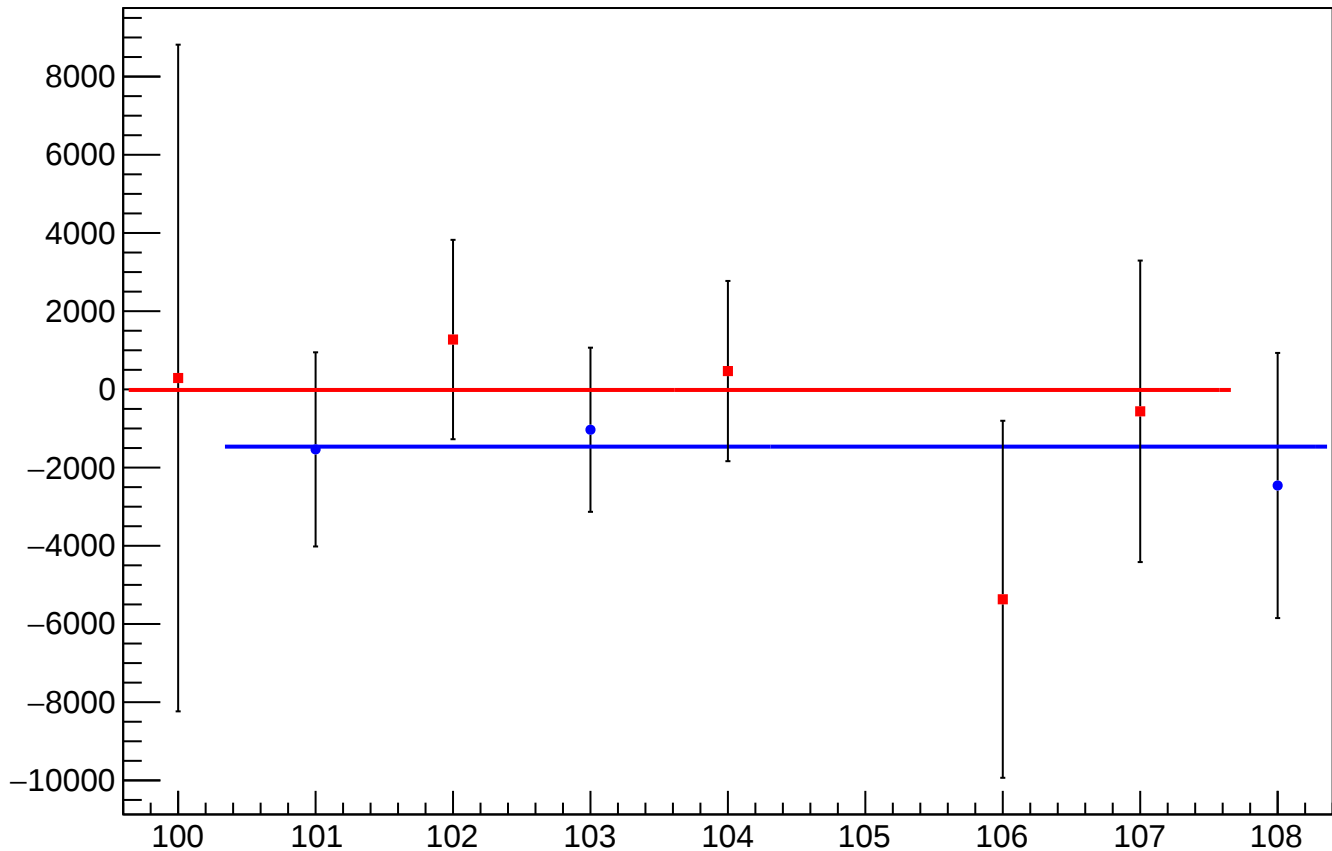
Right: 2110.956+/-0.952 χ^2/NDF : 1142681.2/7

In: 2132.577+/-1.395 χ^2/NDF : 632506.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2110.956+/-0.952 χ^2/NDF : 1142681.2/7

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -1464.037+/-1449.226 χ^2/NDF : 0.1/2

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

Right Out: -14.737+/-1456.954 χ^2/NDF : 1.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

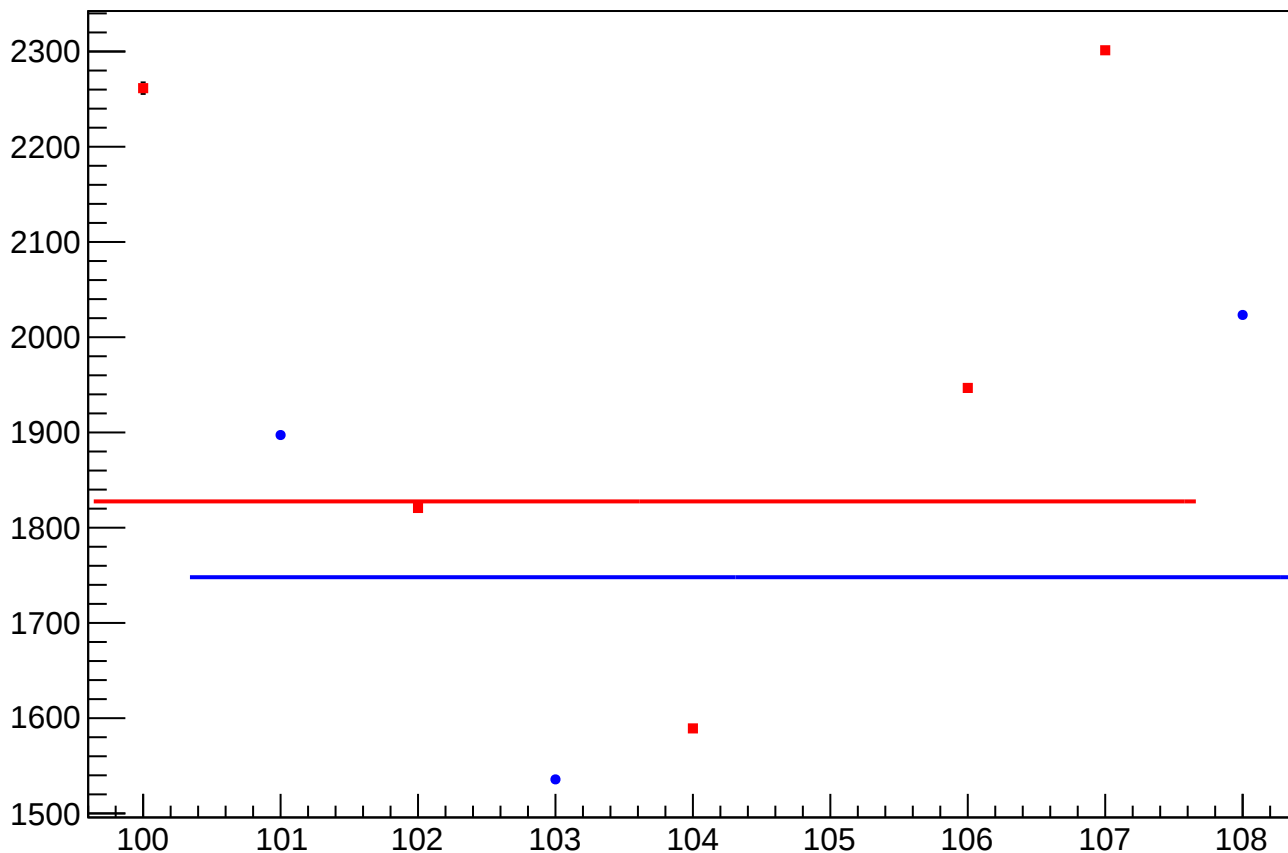
Right: -743.241+/-1027.479 χ^2/NDF : 2.3/7

In: -1464.037+/-1449.226 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -743.241+/-1027.479 χ^2/NDF : 2.3/7

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1748.013+/-1.025 χ^2/NDF : 40876.2/2

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

Right Out: 1827.605+/-1.009 χ^2/NDF : 58696.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

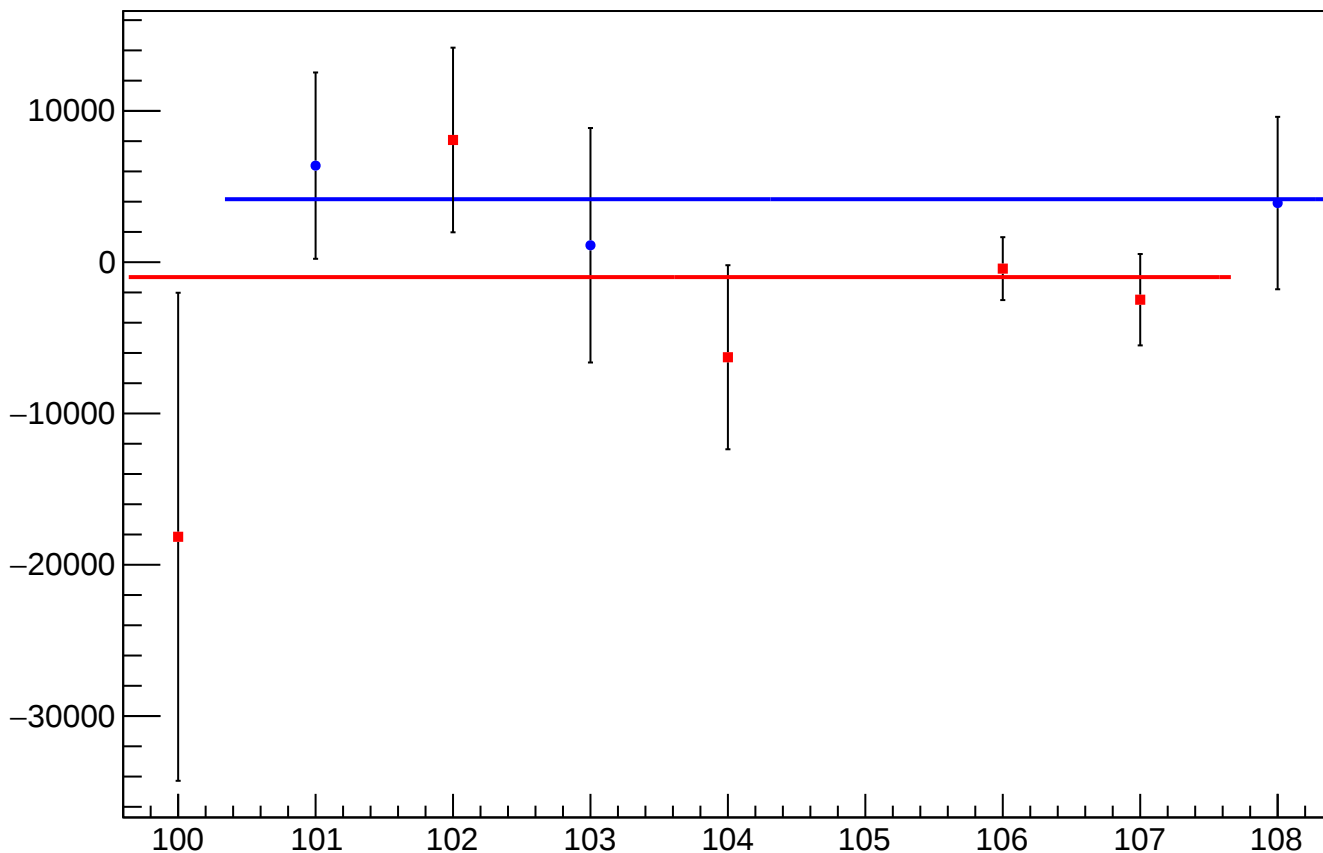
Right: 1788.421+/-0.719 χ^2/NDF : 102635.3/7

In: 1748.013+/-1.025 χ^2/NDF : 40876.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1788.421+/-0.719 χ^2/NDF : 102635.3/7

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 4163.595+/-3680.733 χ^2/NDF : 0.3/2

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

Right Out: -985.165+/-1583.582 χ^2/NDF : 4.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

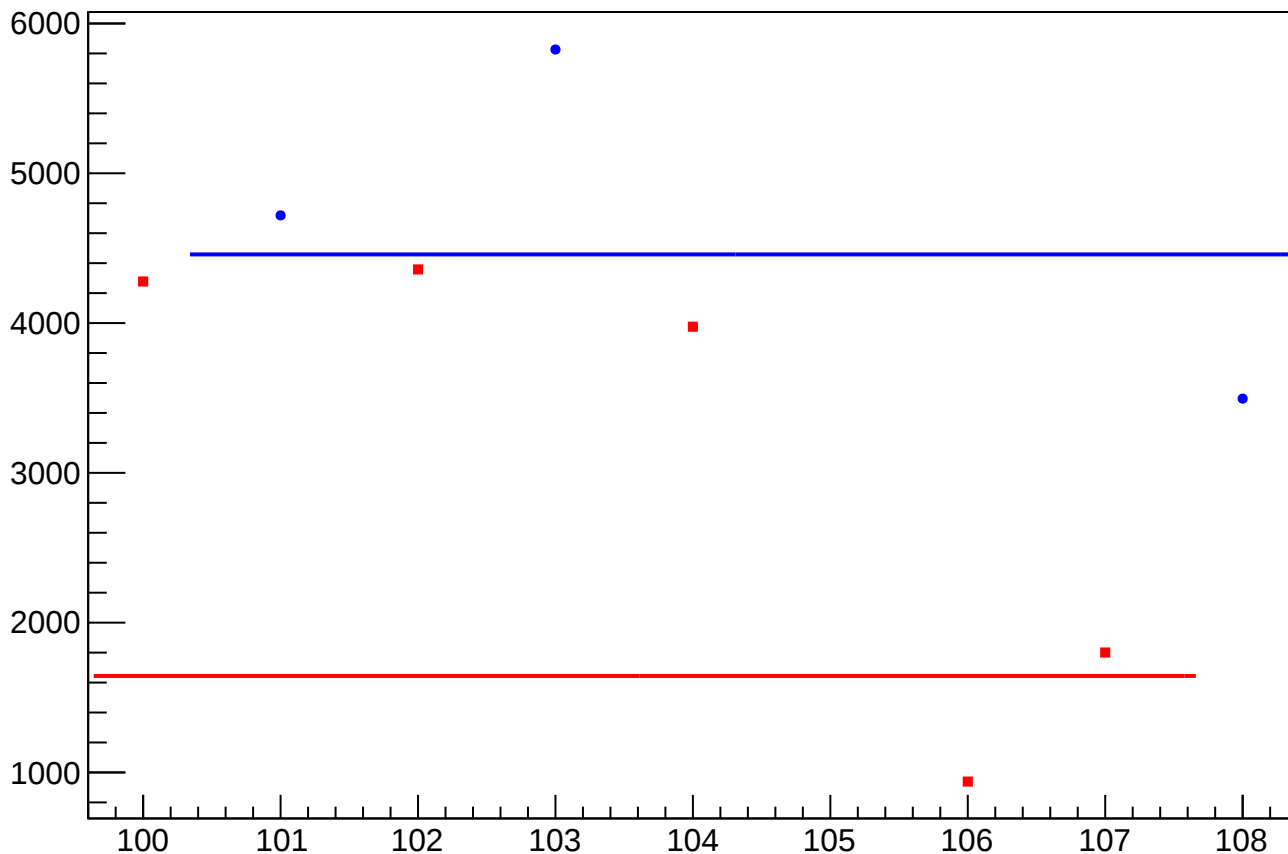
Right: -180.974+/-1454.664 χ^2/NDF : 6.4/7

In: 4163.595+/-3680.733 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -180.974+/-1454.664 χ^2/NDF : 6.4/7

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 4458.436+/-2.603 χ^2/NDF : 122977.0/2

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

Right Out: 1644.097+/-1.120 χ^2/NDF : 978199.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

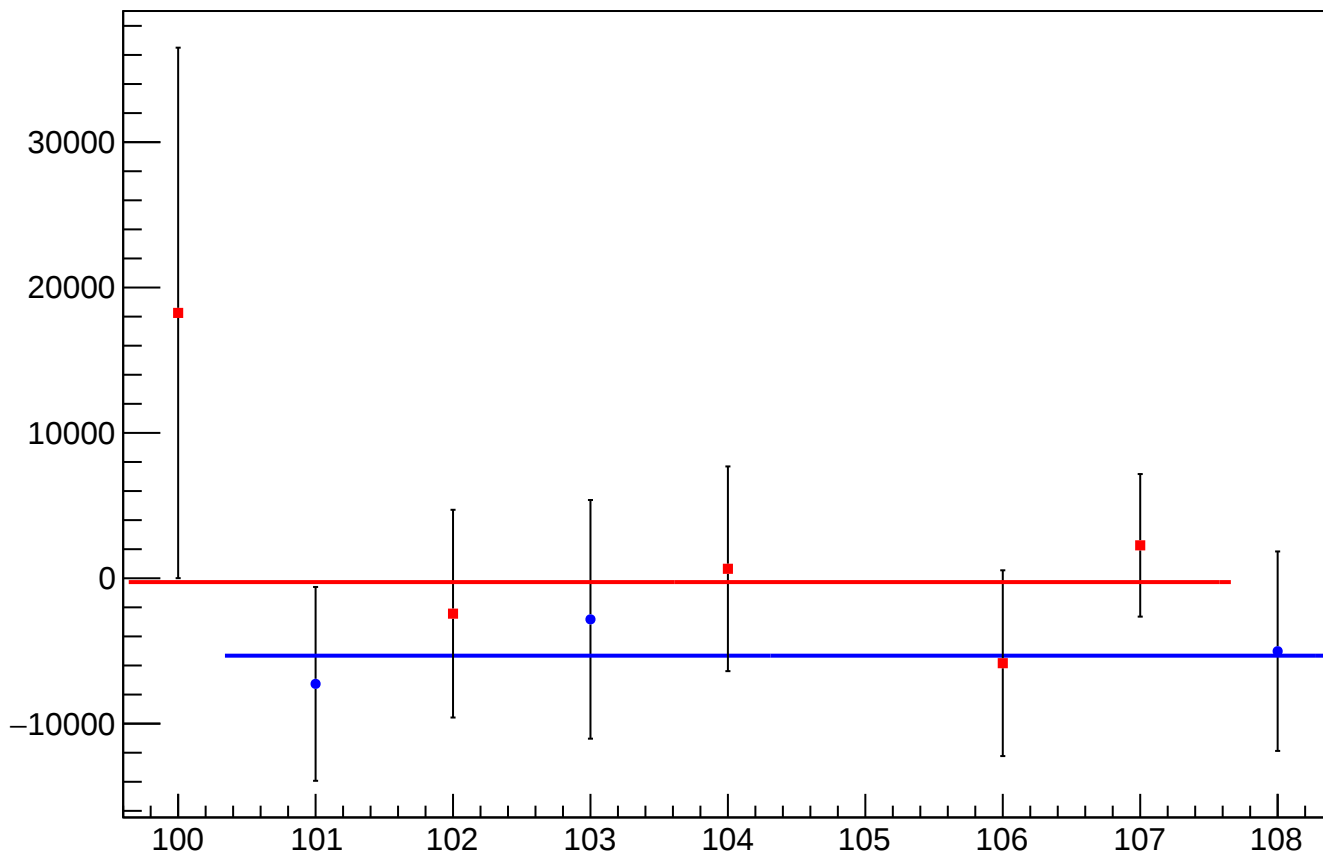
Right: 2083.672+/-1.029 χ^2/NDF : 2087815.3/7

In: 4458.436+/-2.603 χ^2/NDF : 122977.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2083.672+/-1.029 χ^2/NDF : 2087815.3/7

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -5324.758 $\pm$ 4131.638 χ^2 /NDF: 0.2/2

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

Right Out: -262.565 $\pm$ 3031.259 χ^2 /NDF: 2.2/4

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

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

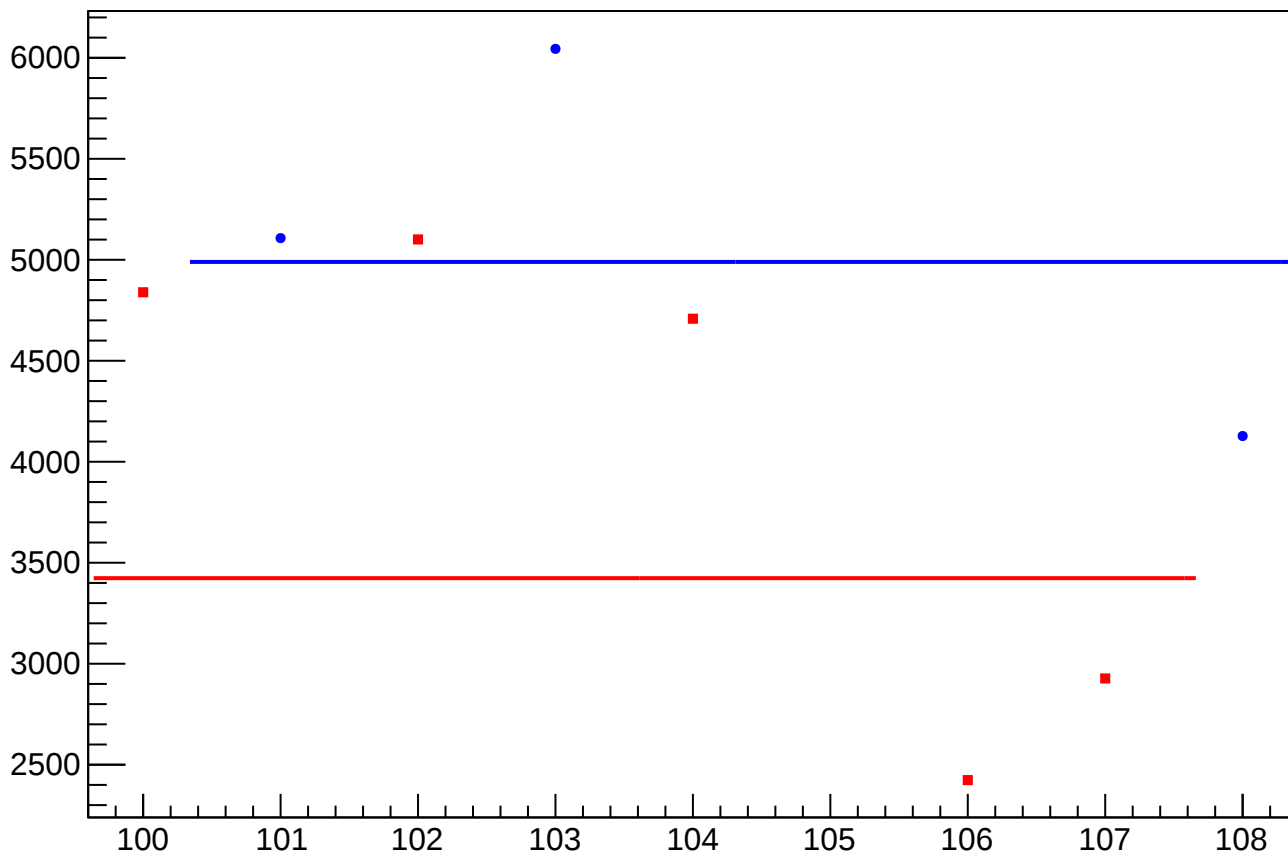
Right: -2033.926 $\pm$ 2444.030 χ^2 /NDF: 3.3/7

In: -5324.758 $\pm$ 4131.638 χ^2 /NDF: 0.2/2

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

All: -2033.926 $\pm$ 2444.030 χ^2 /NDF: 3.3/7

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 4989.456+/-2.921 χ^2/NDF : 65240.2/2

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

Right Out: 3423.667+/-1.986 χ^2/NDF : 294065.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

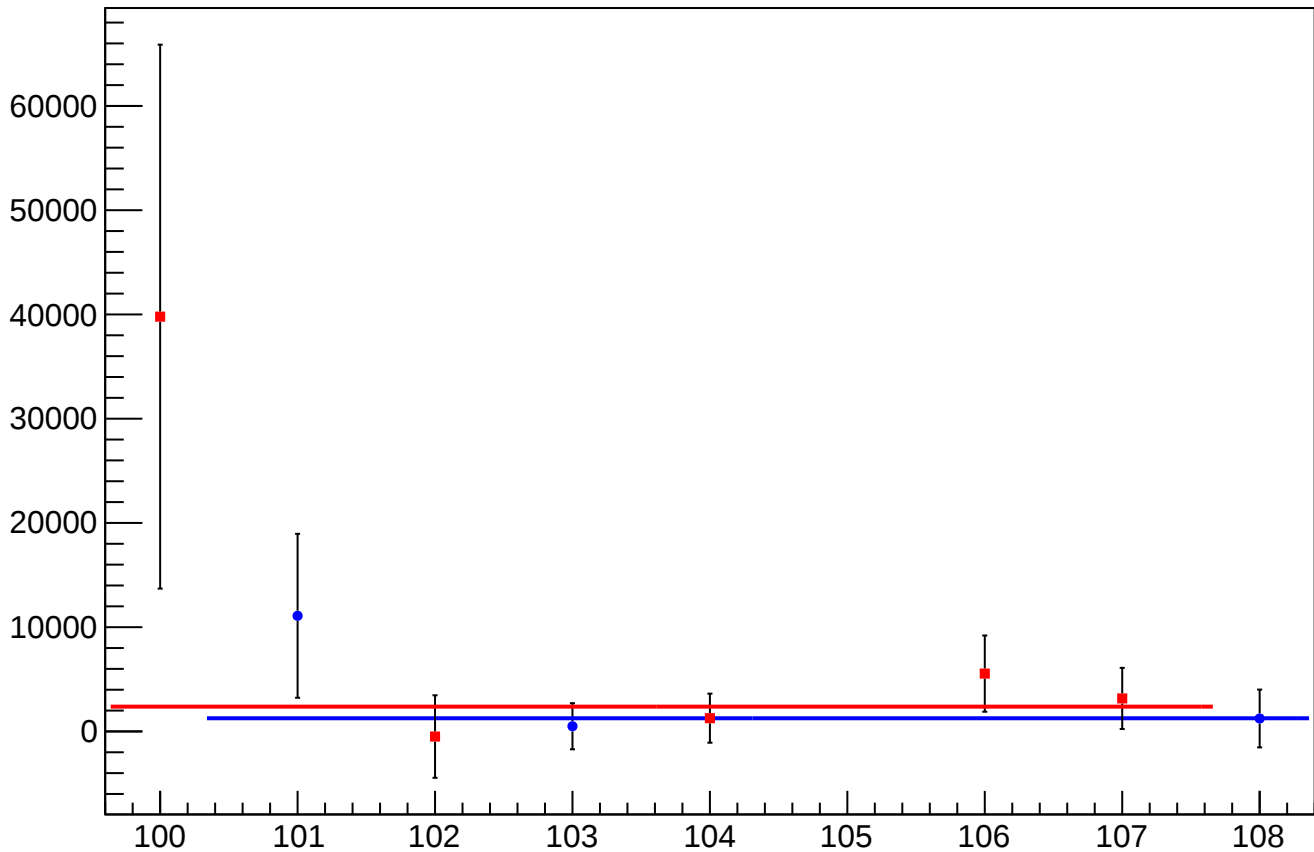
Right: 3918.706+/-1.643 χ^2/NDF : 555754.7/7

In: 4989.456+/-2.921 χ^2/NDF : 65240.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3918.706+/-1.643 χ^2/NDF : 555754.7/7

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 1262.153+/-1689.670 χ^2/NDF : 1.7/2

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

Right Out: 2378.012+/-1513.235 χ^2/NDF : 3.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

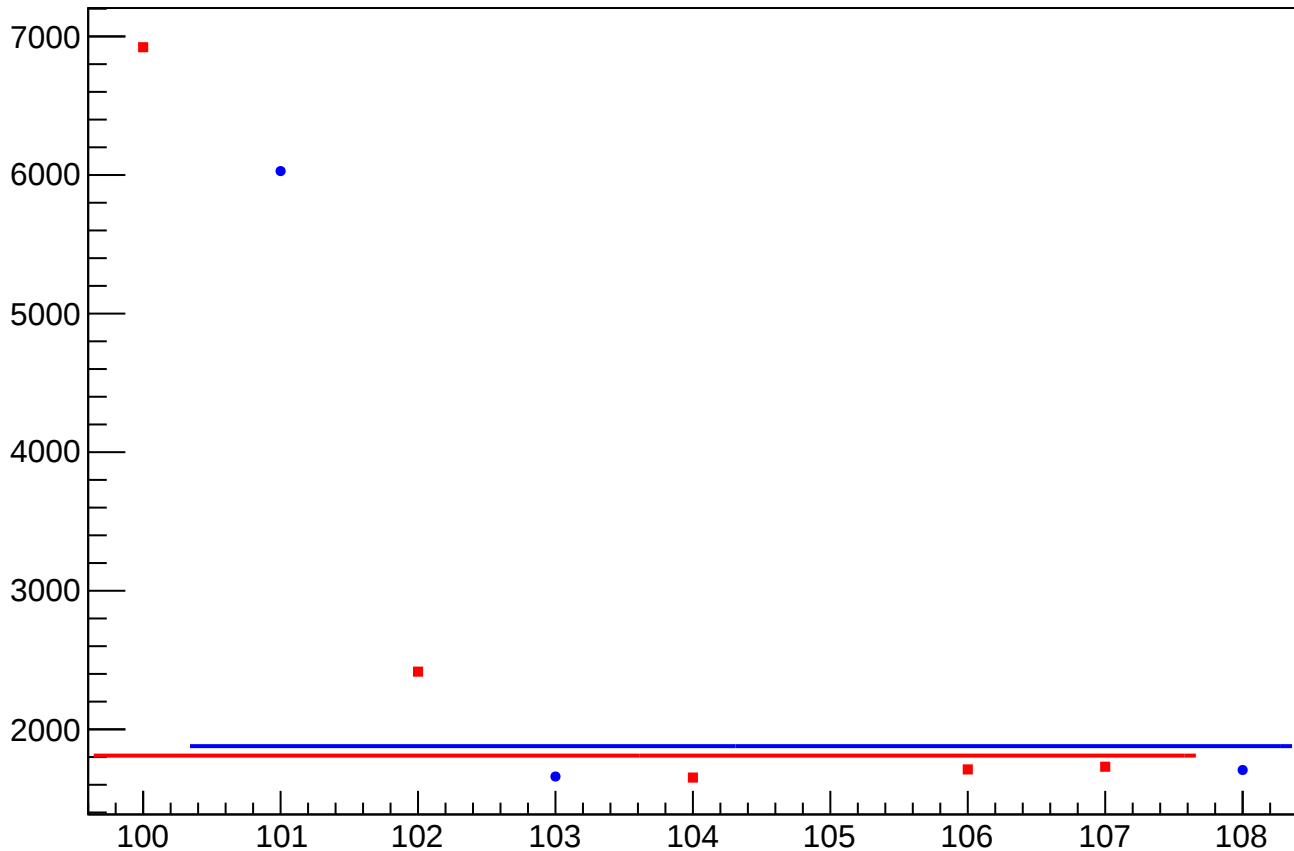
Right: 1881.365+/-1127.253 χ^2/NDF : 5.5/7

In: 1262.153+/-1689.670 χ^2/NDF : 1.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1881.365+/-1127.253 χ^2/NDF : 5.5/7

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1878.742+/-1.195 χ^2/NDF : 584376.2/2

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

Right Out: 1810.431+/-1.060 χ^2/NDF : 135870.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

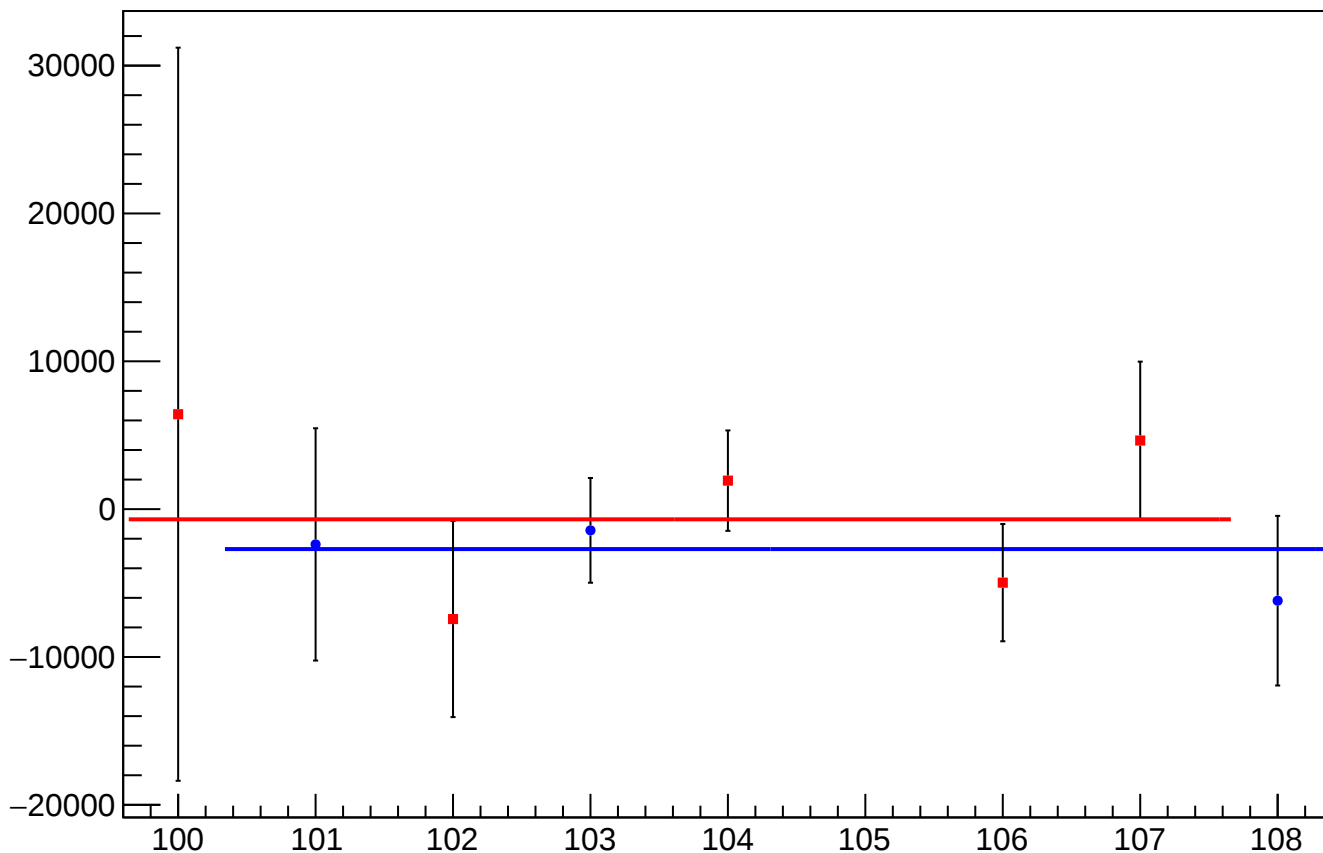
Right: 1840.509+/-0.793 χ^2/NDF : 722076.3/7

In: 1878.742+/-1.195 χ^2/NDF : 584376.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1840.509+/-0.793 χ^2/NDF : 722076.3/7

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -2701.528 $\pm$ 2814.287 χ^2 /NDF: 0.5/2

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

Right Out: -688.698 $\pm$ 2183.411 χ^2 /NDF: 3.9/4

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

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

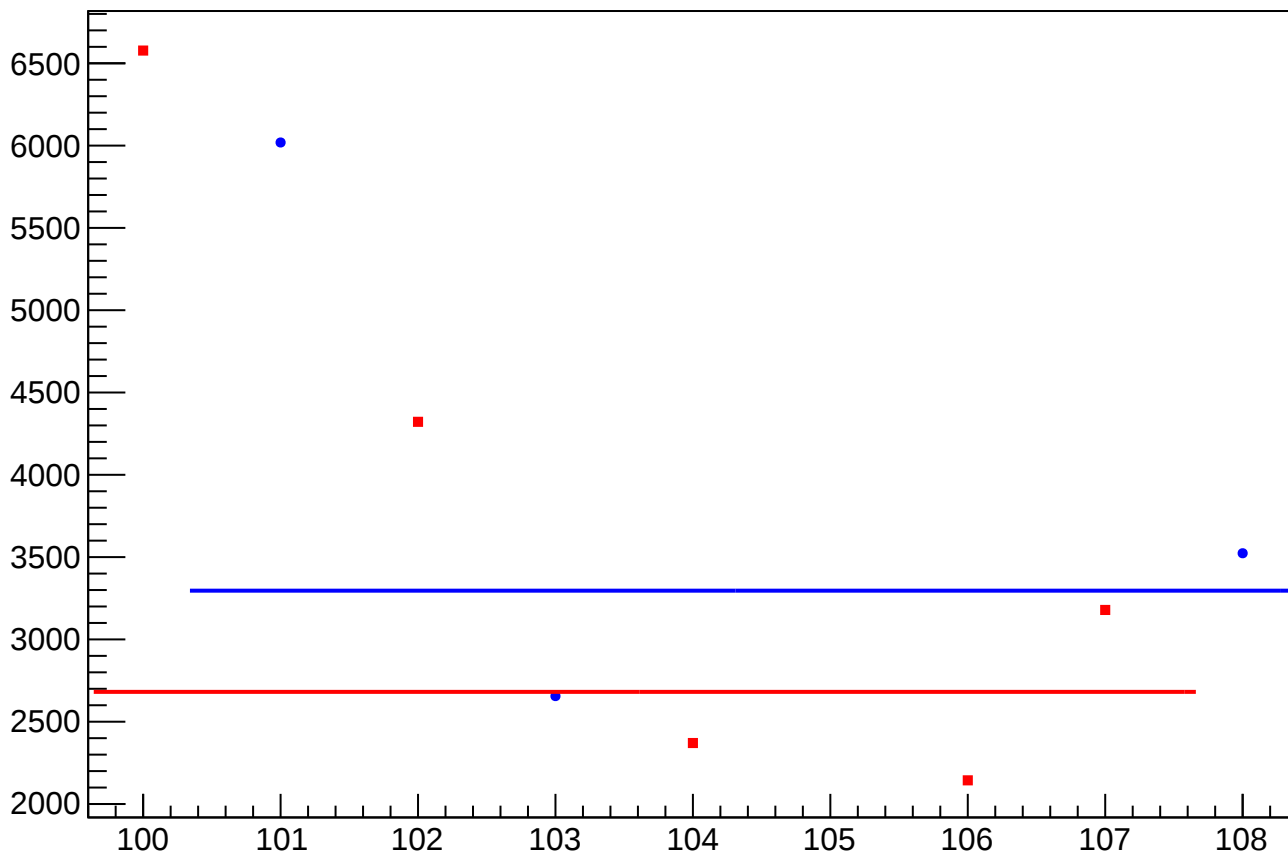
Right: -1445.012 $\pm$ 1725.107 χ^2 /NDF: 4.7/7

In: -2701.528 $\pm$ 2814.287 χ^2 /NDF: 0.5/2

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

All: -1445.012 $\pm$ 1725.107 χ^2 /NDF: 4.7/7

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 3296.108+/-1.990 χ^2/NDF : 308757.8/2

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

Right Out: 2681.306+/-1.544 χ^2/NDF : 242653.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

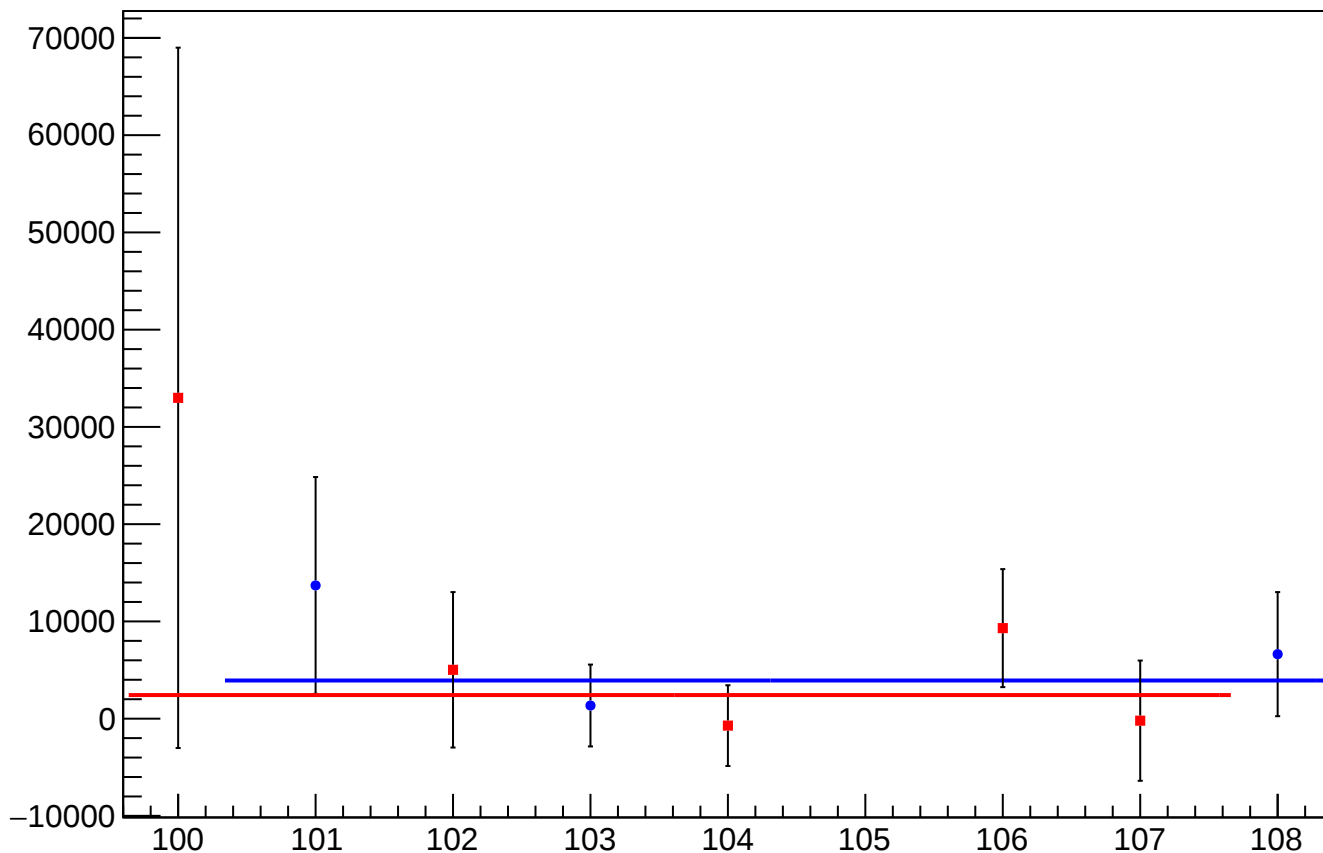
Right: 2912.316+/-1.220 χ^2/NDF : 610994.3/7

In: 3296.108+/-1.990 χ^2/NDF : 308757.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2912.316+/-1.220 χ^2/NDF : 610994.3/7

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3924.328+/-3350.774 χ^2/NDF : 1.3/2

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

Right Out: 2426.724+/-2797.554 χ^2/NDF : 2.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

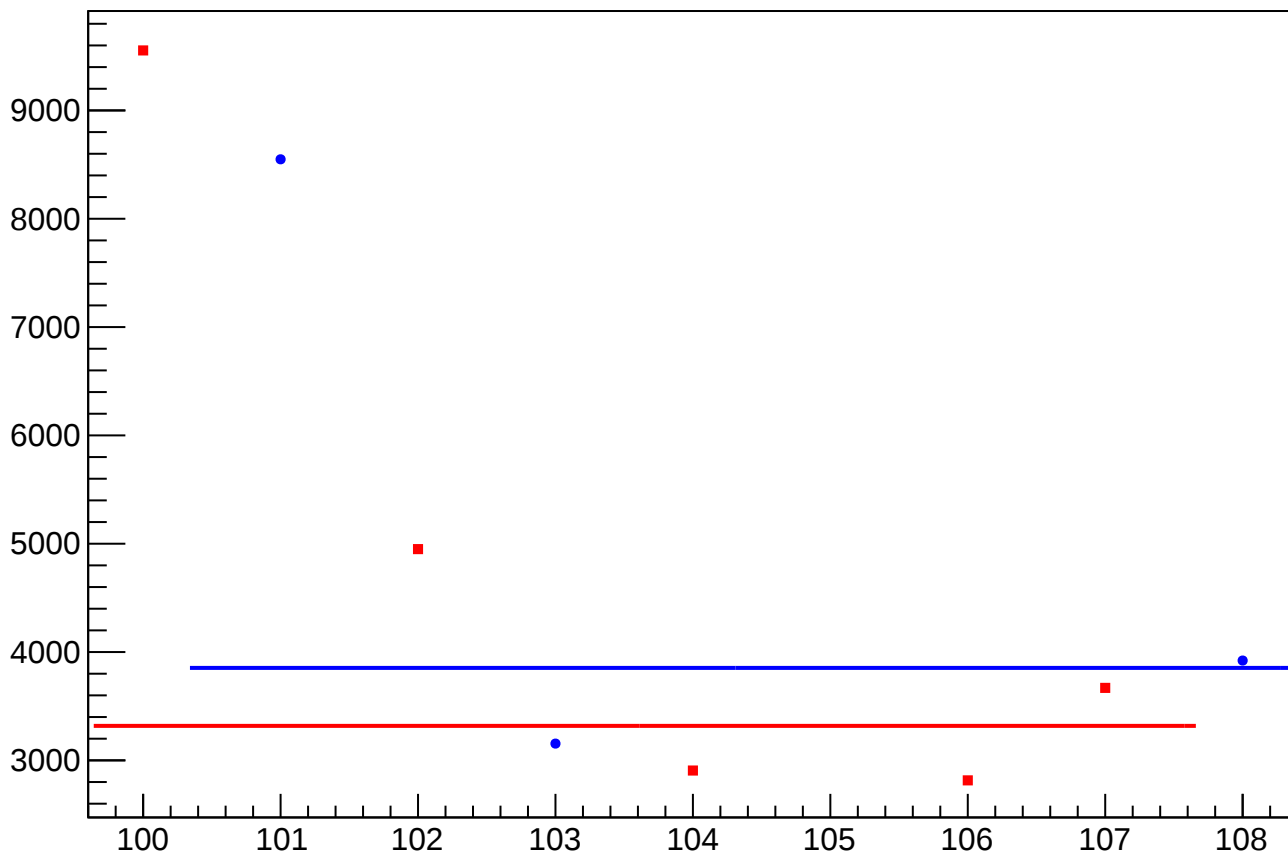
Right: 3041.855+/-2147.487 χ^2/NDF : 4.3/7

In: 3924.328+/-3350.774 χ^2/NDF : 1.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3041.855+/-2147.487 χ^2/NDF : 4.3/7

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 3853.598+/-2.369 χ^2/NDF : 410190.1/2

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

Right Out: 3318.408+/-1.949 χ^2/NDF : 185274.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

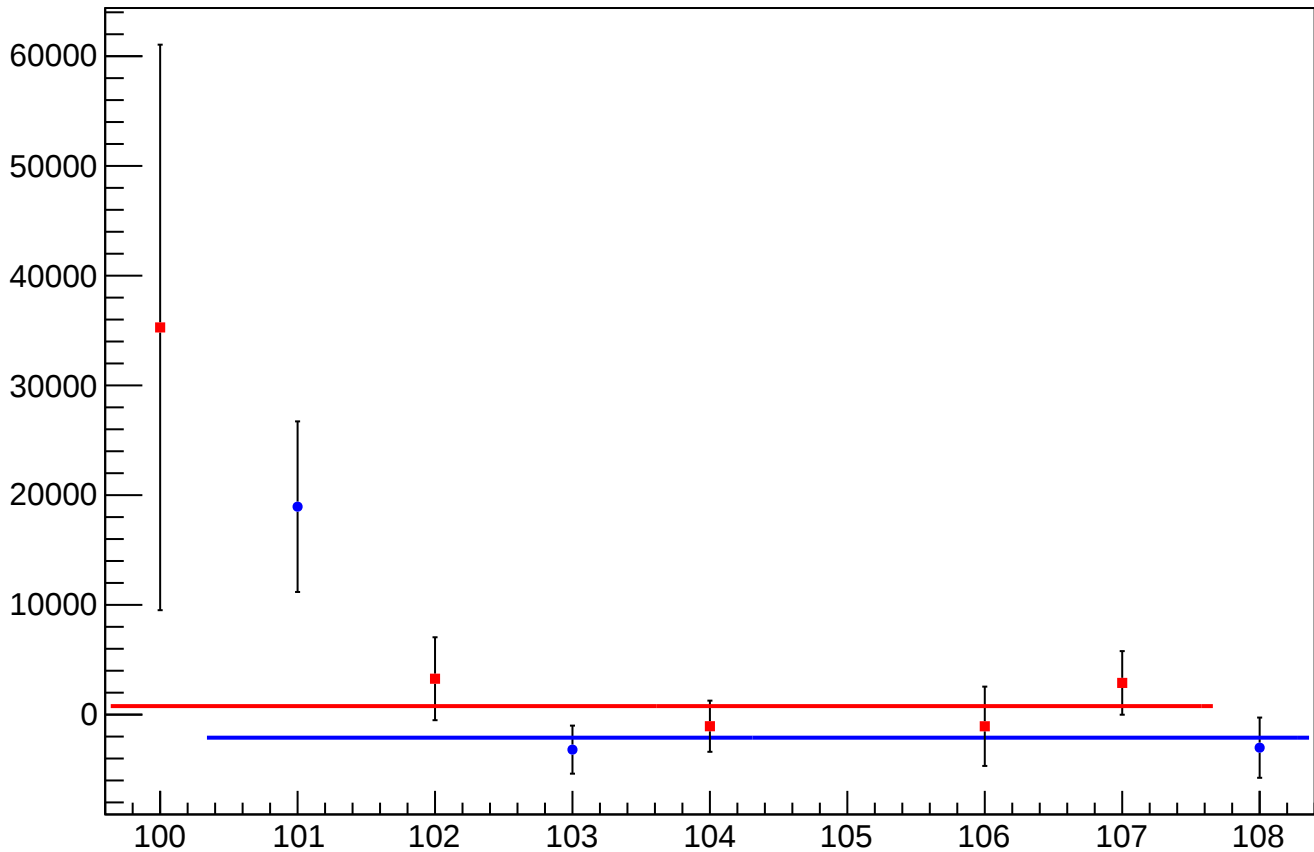
Right: 3534.337+/-1.505 χ^2/NDF : 625901.3/7

In: 3853.598+/-2.369 χ^2/NDF : 410190.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3534.337+/-1.505 χ^2/NDF : 625901.3/7

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2101.016+/-1671.628 χ^2/NDF : 7.7/2

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

Right Out: 776.284+/-1488.760 χ^2/NDF : 3.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

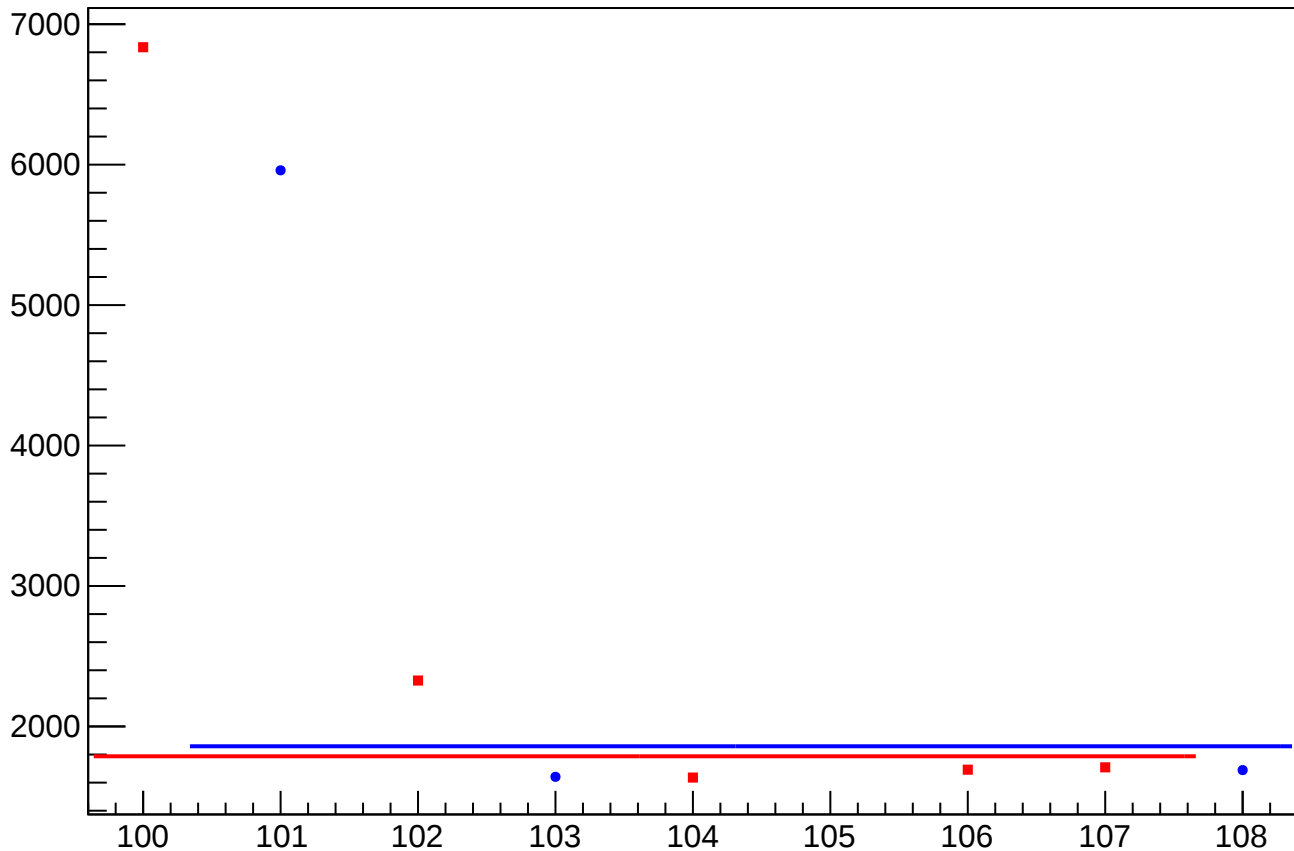
Right: -496.433+/-1111.765 χ^2/NDF : 13.0/7

In: -2101.016+/-1671.628 χ^2/NDF : 7.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -496.433+/-1111.765 χ^2/NDF : 13.0/7

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1858.783+/-1.182 χ^2/NDF : 584009.4/2

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

Right Out: 1787.590+/-1.043 χ^2/NDF : 129000.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

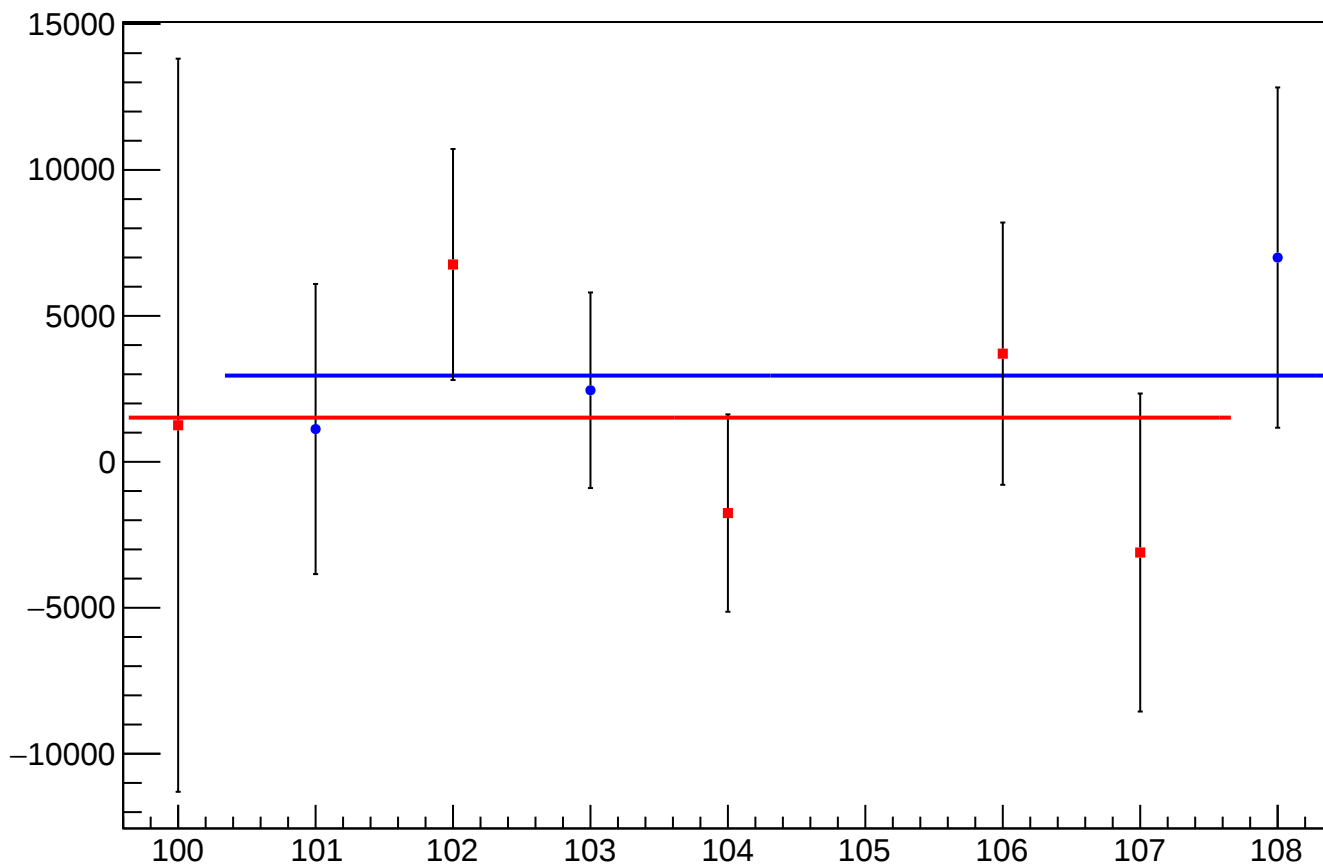
Right: 1818.752+/-0.782 χ^2/NDF : 715049.3/7

In: 1858.783+/-1.182 χ^2/NDF : 584009.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1818.752+/-0.782 χ^2/NDF : 715049.3/7

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 2955.018+/-2507.623 χ^2/NDF : 0.6/2

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

Right Out: 1514.672+/-2037.289 χ^2/NDF : 3.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

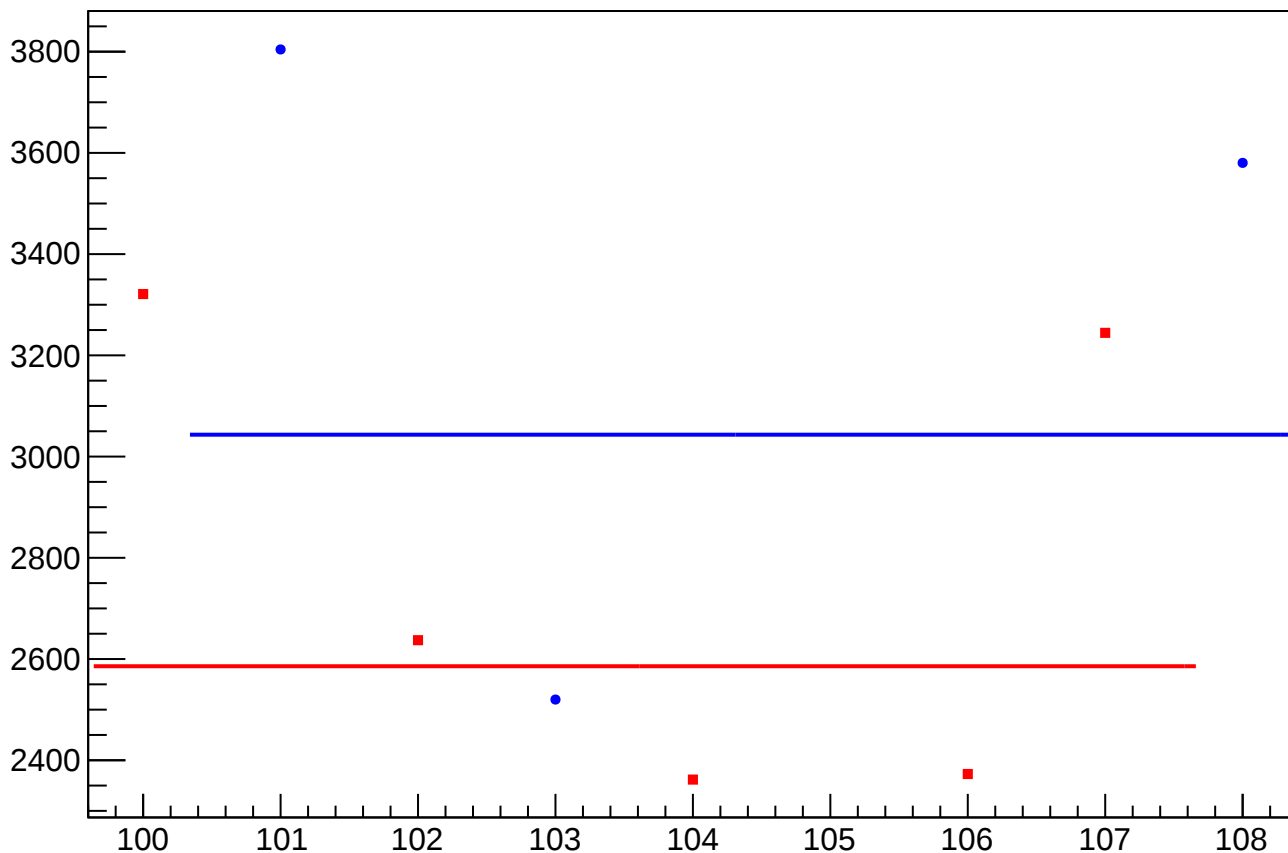
Right: 2087.369+/-1581.216 χ^2/NDF : 4.5/7

In: 2955.018+/-2507.623 χ^2/NDF : 0.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2087.369+/-1581.216 χ^2/NDF : 4.5/7

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 3043.248+/-1.773 χ^2/NDF : 112691.5/2

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

Right Out: 2585.772+/-1.441 χ^2/NDF : 49705.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

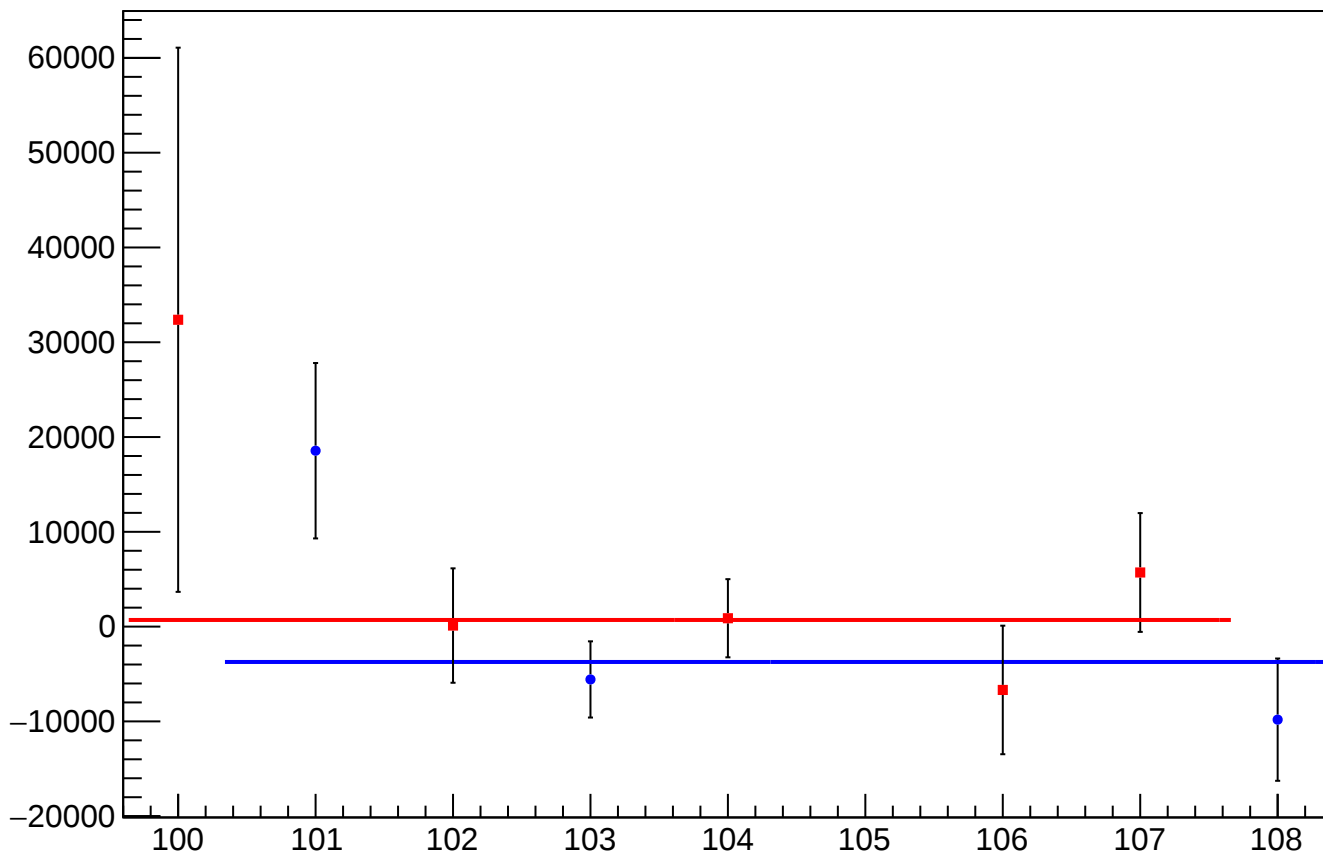
Right: 2767.669+/-1.118 χ^2/NDF : 202494.6/7

In: 3043.248+/-1.773 χ^2/NDF : 112691.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2767.669+/-1.118 χ^2/NDF : 202494.6/7

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -3730.822+/-3201.085 χ^2/NDF : 6.9/2

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

Right Out: 700.206+/-2724.791 χ^2/NDF : 3.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

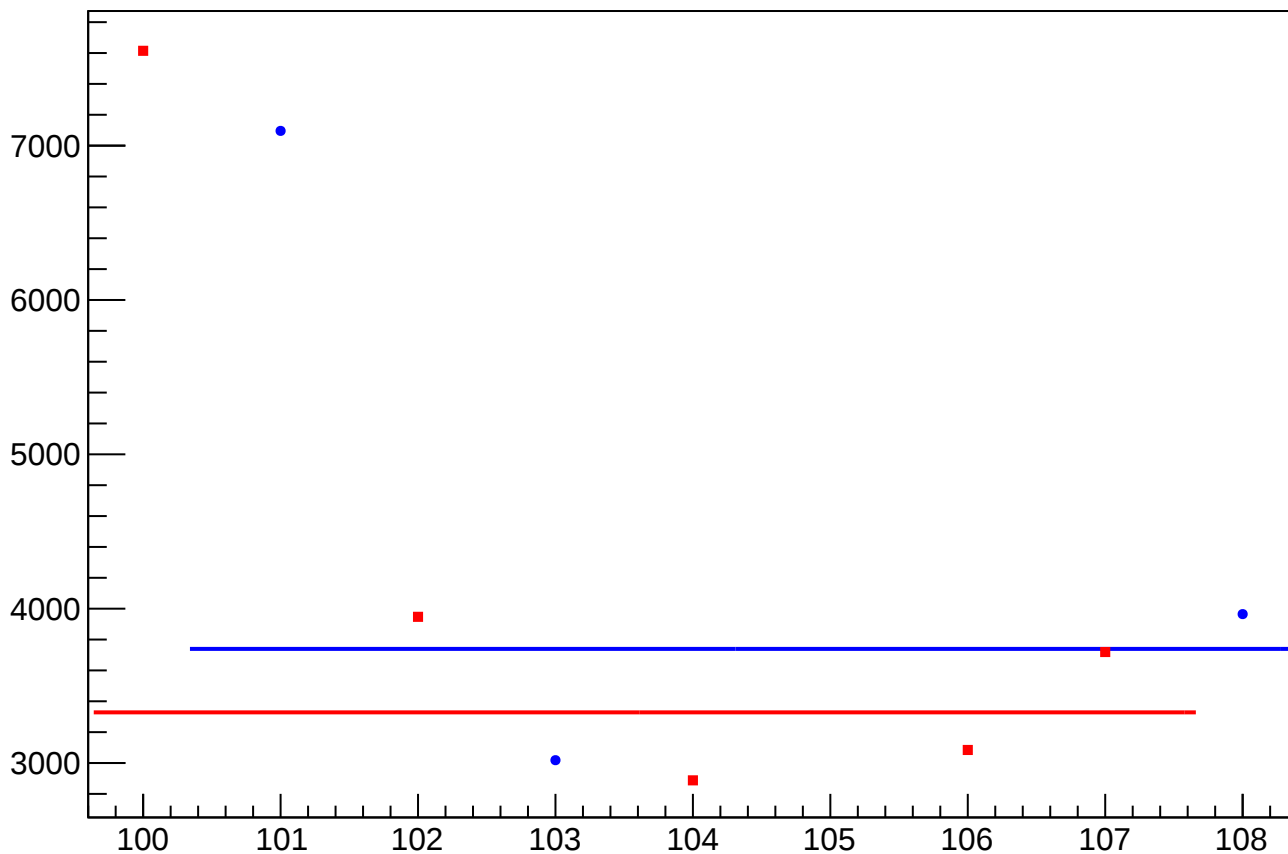
Right: -1161.449+/-2074.887 χ^2/NDF : 11.1/7

In: -3730.822+/-3201.085 χ^2/NDF : 6.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1161.449+/-2074.887 χ^2/NDF : 11.1/7

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 3739.388+/-2.264 χ^2/NDF : 329888.5/2

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

Right Out: 3328.194+/-1.899 χ^2/NDF : 99285.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

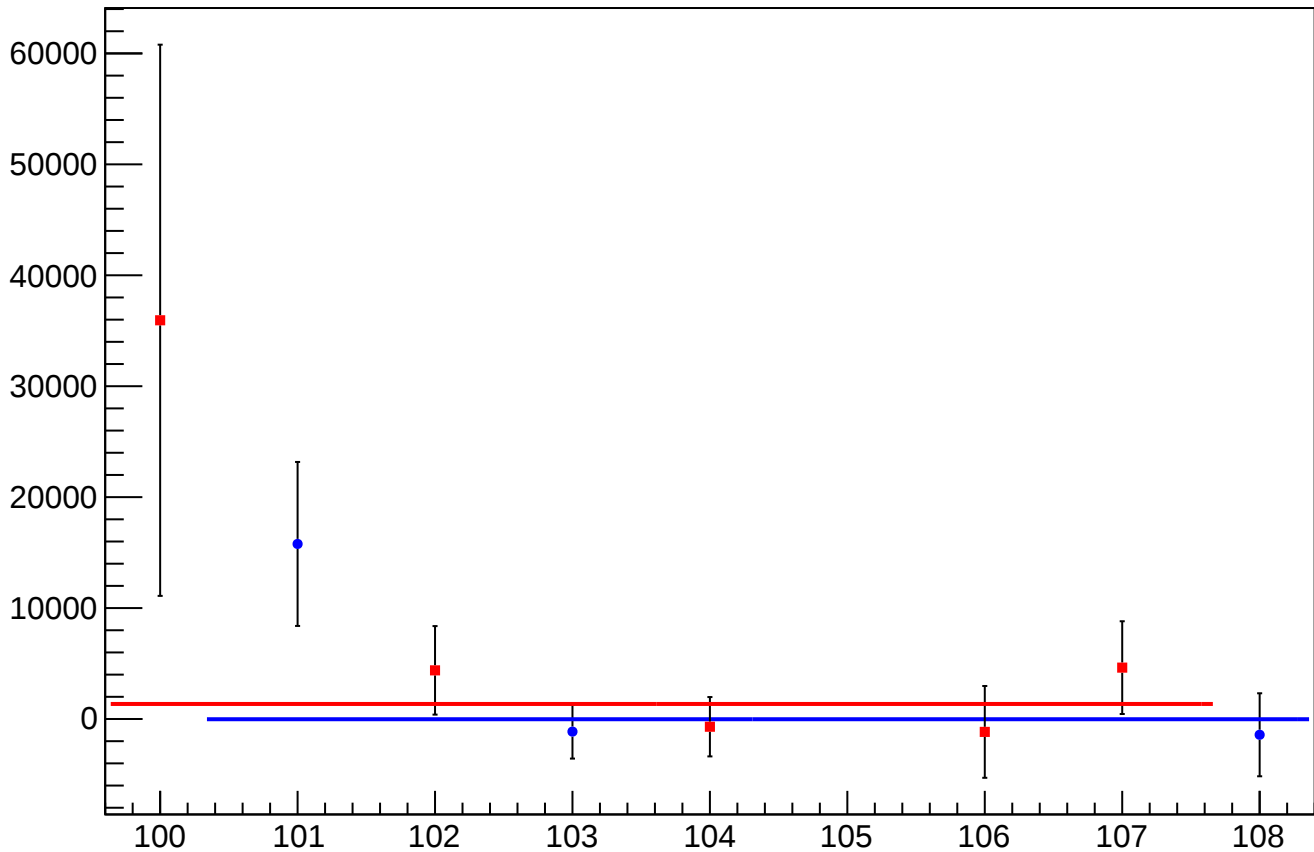
Right: 3498.090+/-1.455 χ^2/NDF : 448539.9/7

In: 3739.388+/-2.264 χ^2/NDF : 329888.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3498.090+/-1.455 χ^2/NDF : 448539.9/7

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: -21.106+/-1965.121 χ^2/NDF : 4.9/2

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

Right Out: 1355.386+/-1768.404 χ^2/NDF : 4.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

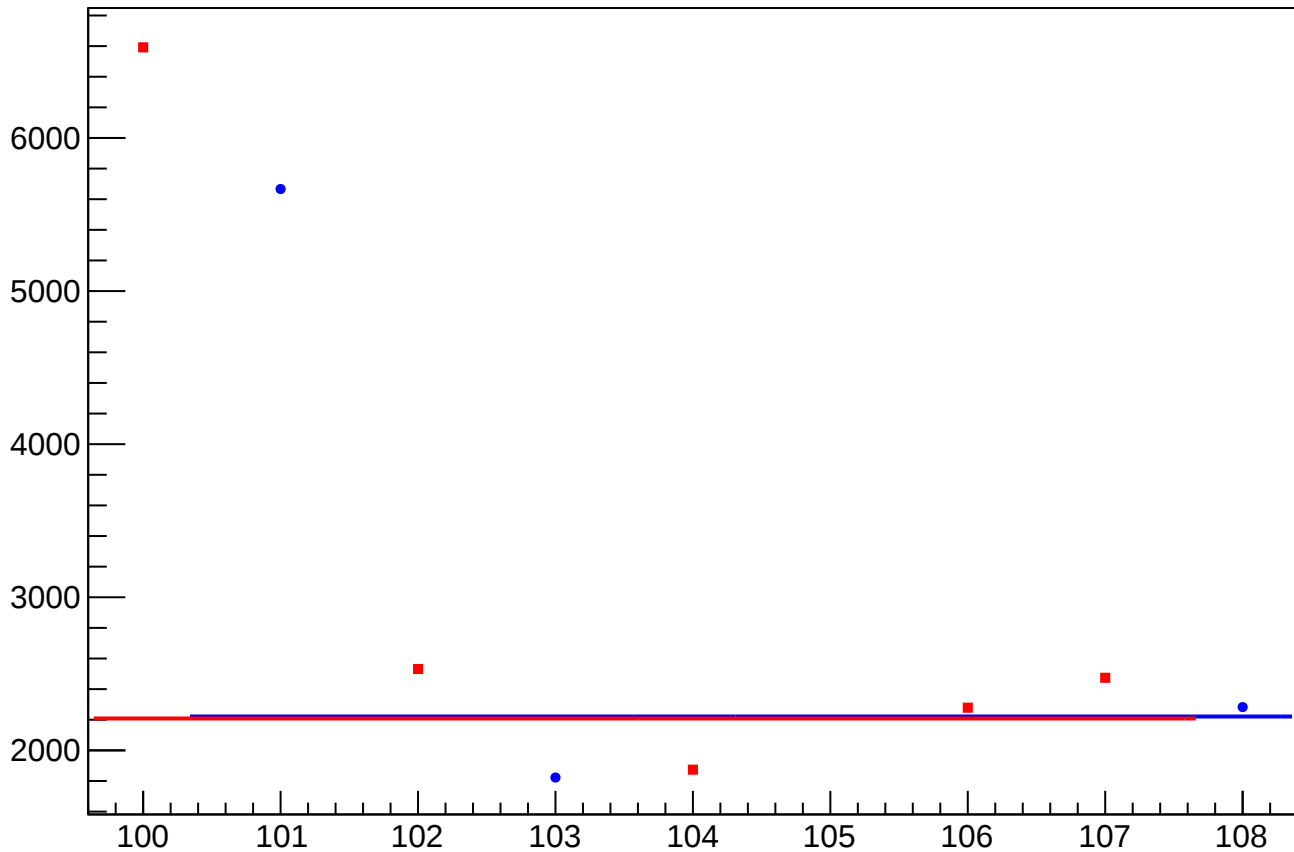
Right: 739.466+/-1314.512 χ^2/NDF : 9.3/7

In: -21.106+/-1965.121 χ^2/NDF : 4.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 739.466+/-1314.512 χ^2/NDF : 9.3/7

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2221.182+/-1.390 χ^2/NDF : 488800.4/2

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

Right Out: 2208.270+/-1.250 χ^2/NDF : 115280.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

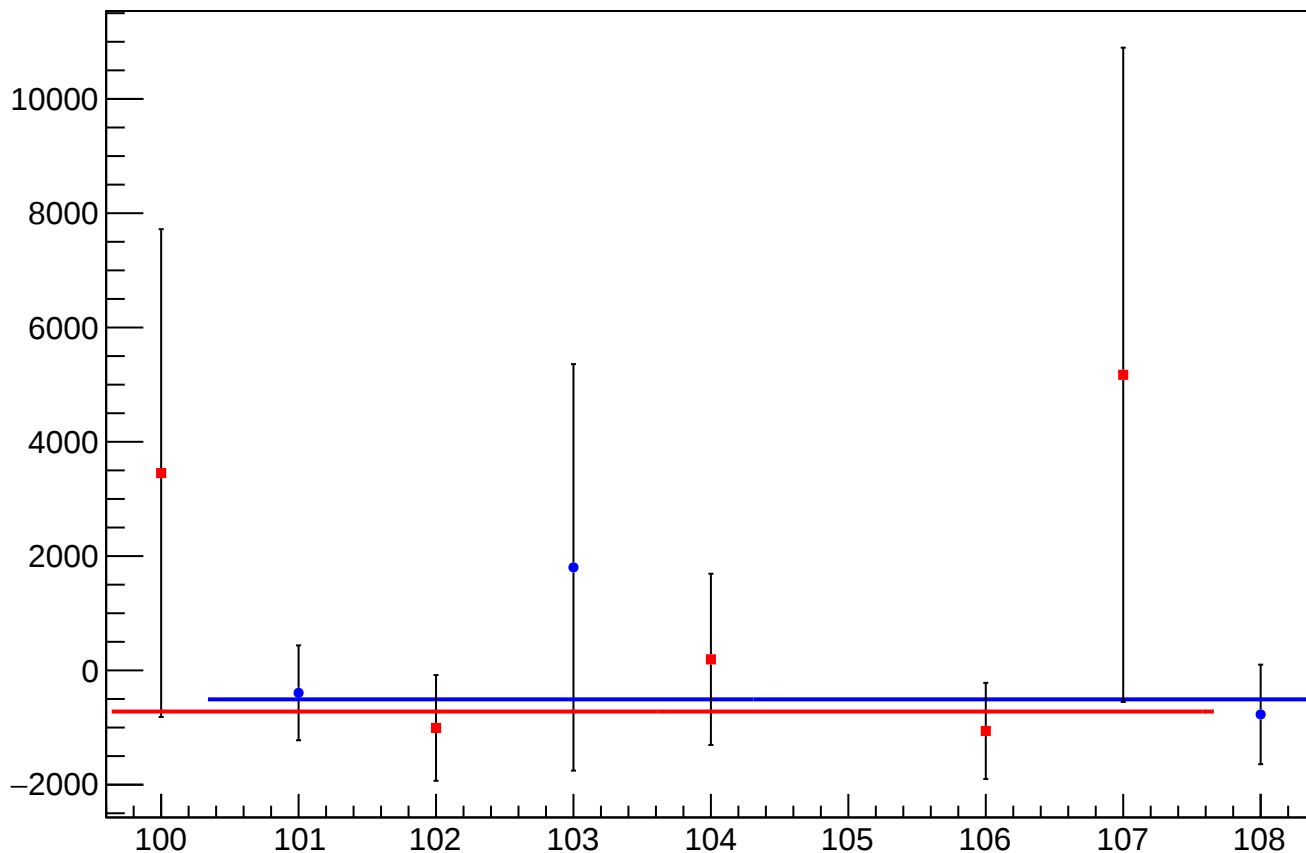
Right: 2214.047+/-0.929 χ^2/NDF : 604128.5/7

In: 2221.182+/-1.390 χ^2/NDF : 488800.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2214.047+/-0.929 χ^2/NDF : 604128.5/7

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -506.611+/-592.548 χ^2/NDF : 0.5/2

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

Right Out: -719.584+/-566.730 χ^2/NDF : 2.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

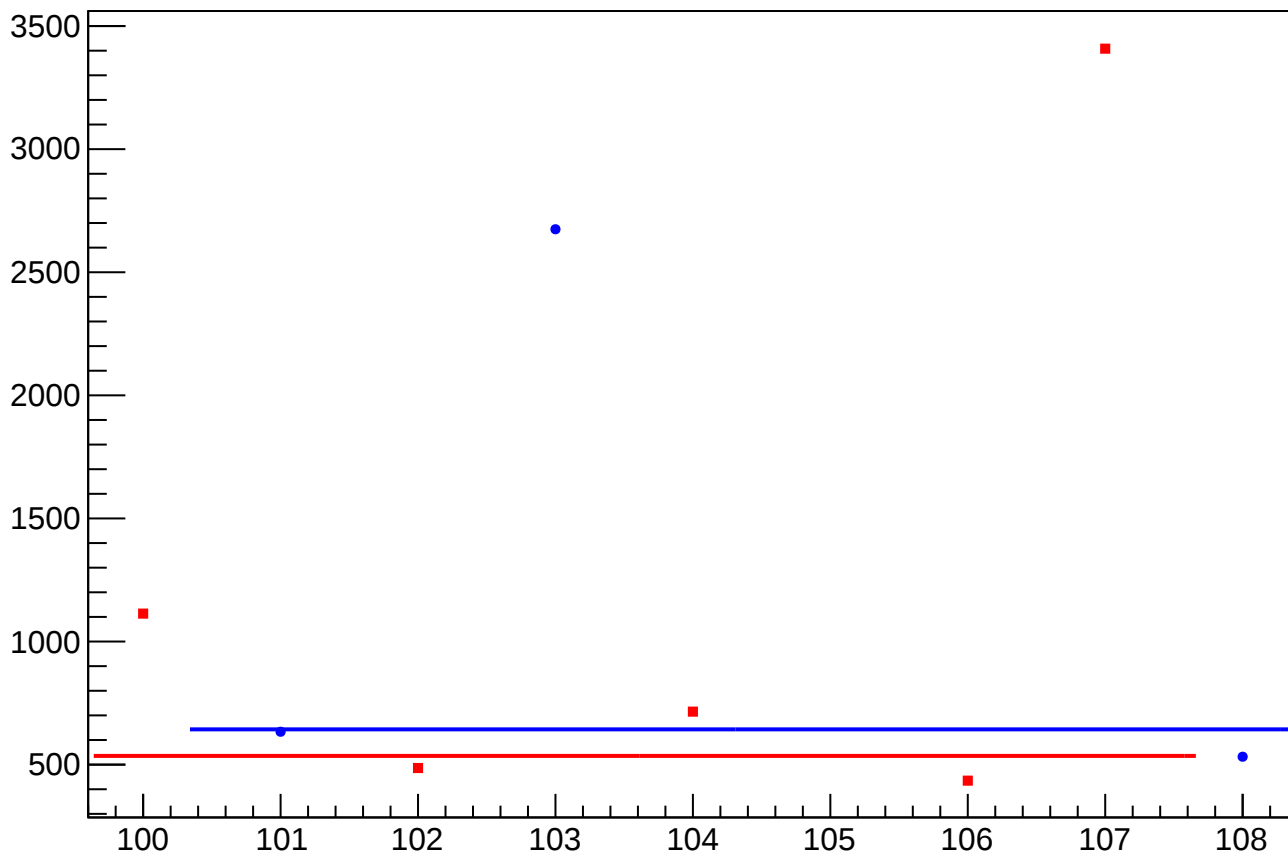
Right: -617.838+/-409.562 χ^2/NDF : 3.2/7

In: -506.611+/-592.548 χ^2/NDF : 0.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -617.838+/-409.562 χ^2/NDF : 3.2/7

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 643.270+/-0.419 χ^2/NDF : 685277.9/2

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

Right Out: 535.403+/-0.401 χ^2/NDF : 603408.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

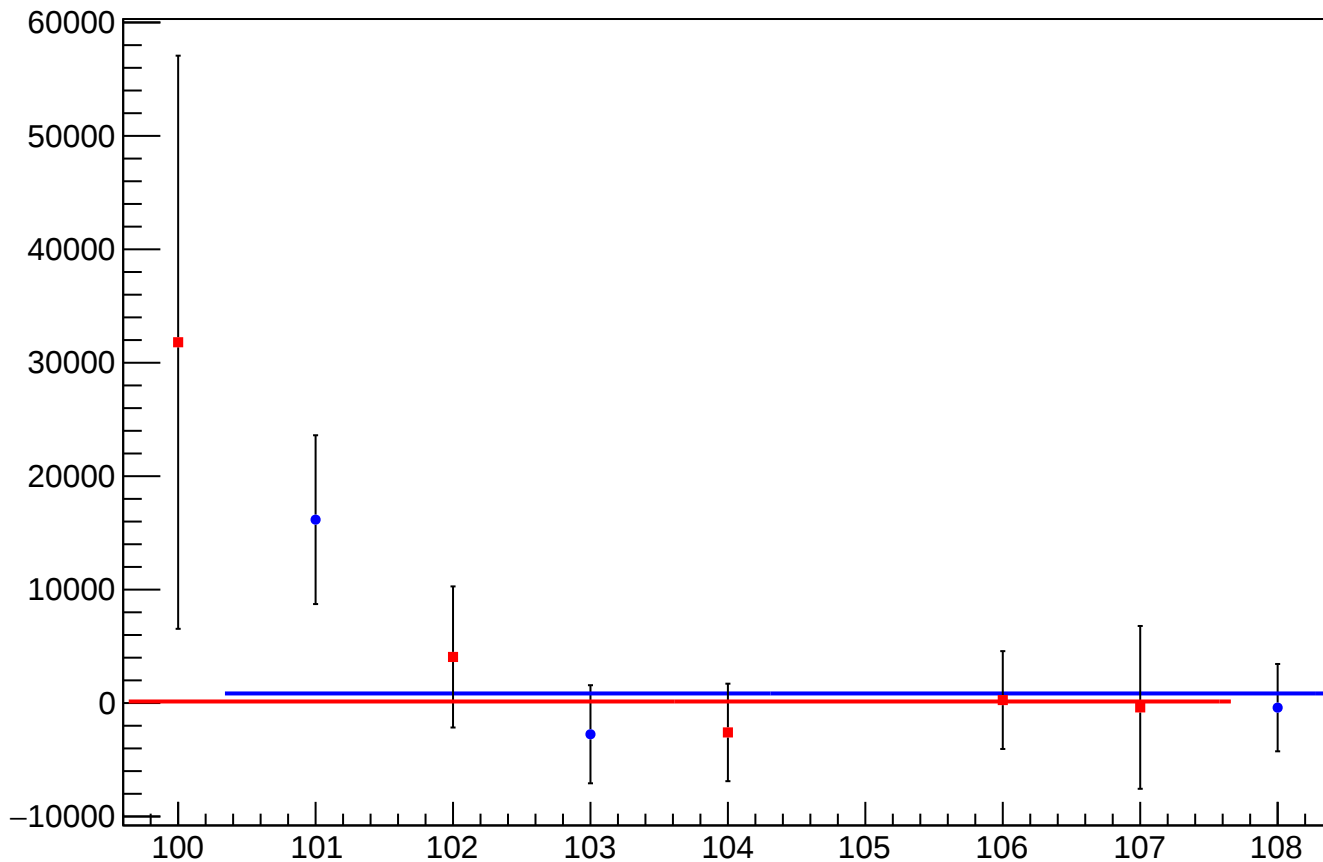
Right: 586.935+/-0.290 χ^2/NDF : 1323300.5/7

In: 643.270+/-0.419 χ^2/NDF : 685277.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 586.935+/-0.290 χ^2/NDF : 1323300.5/7

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 846.123+/-2682.213 χ^2/NDF : 5.0/2

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

Right Out: 138.266+/-2542.034 χ^2/NDF : 2.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

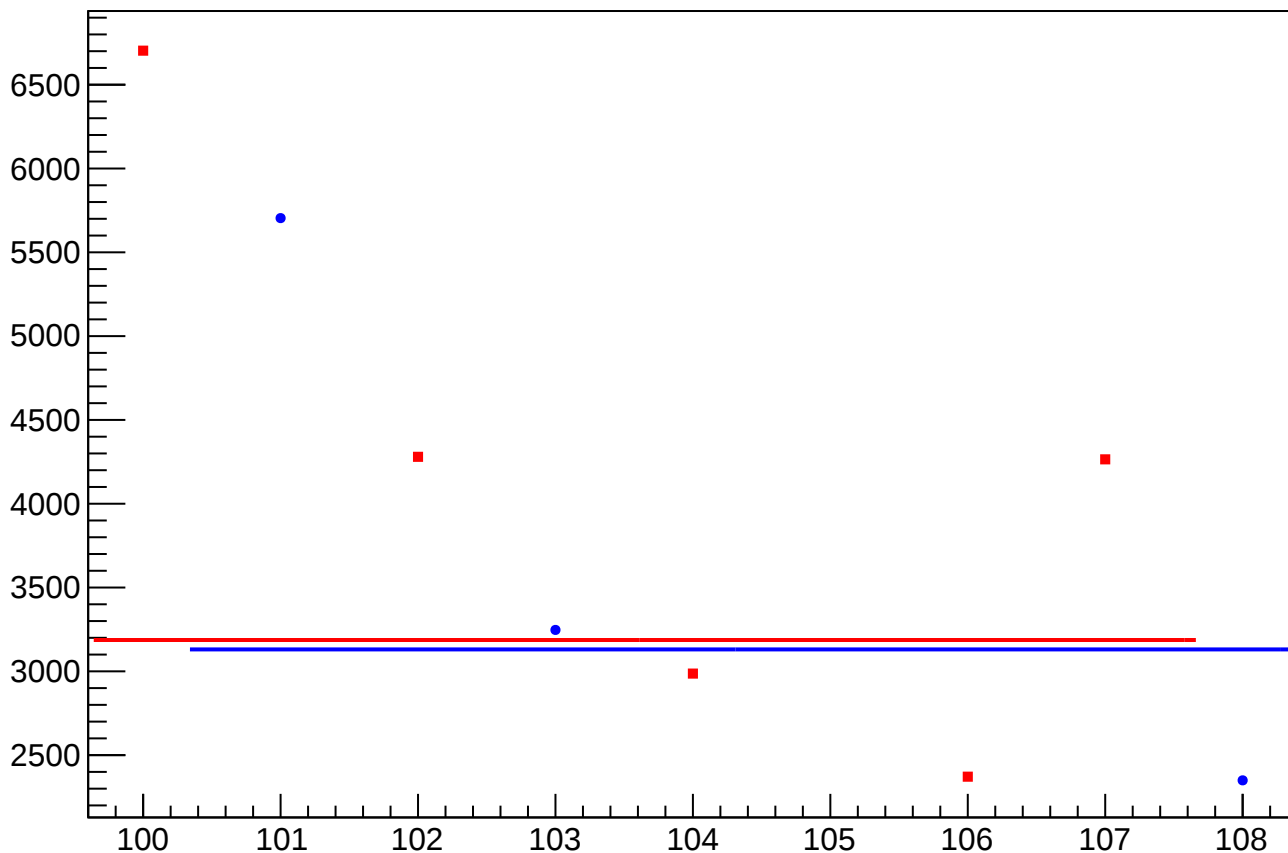
Right: 473.215+/-1845.056 χ^2/NDF : 7.5/7

In: 846.123+/-2682.213 χ^2/NDF : 5.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 473.215+/-1845.056 χ^2/NDF : 7.5/7

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 3130.764+/-1.897 χ^2/NDF : 322987.3/2

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

Right Out: 3186.957+/-1.797 χ^2/NDF : 221482.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

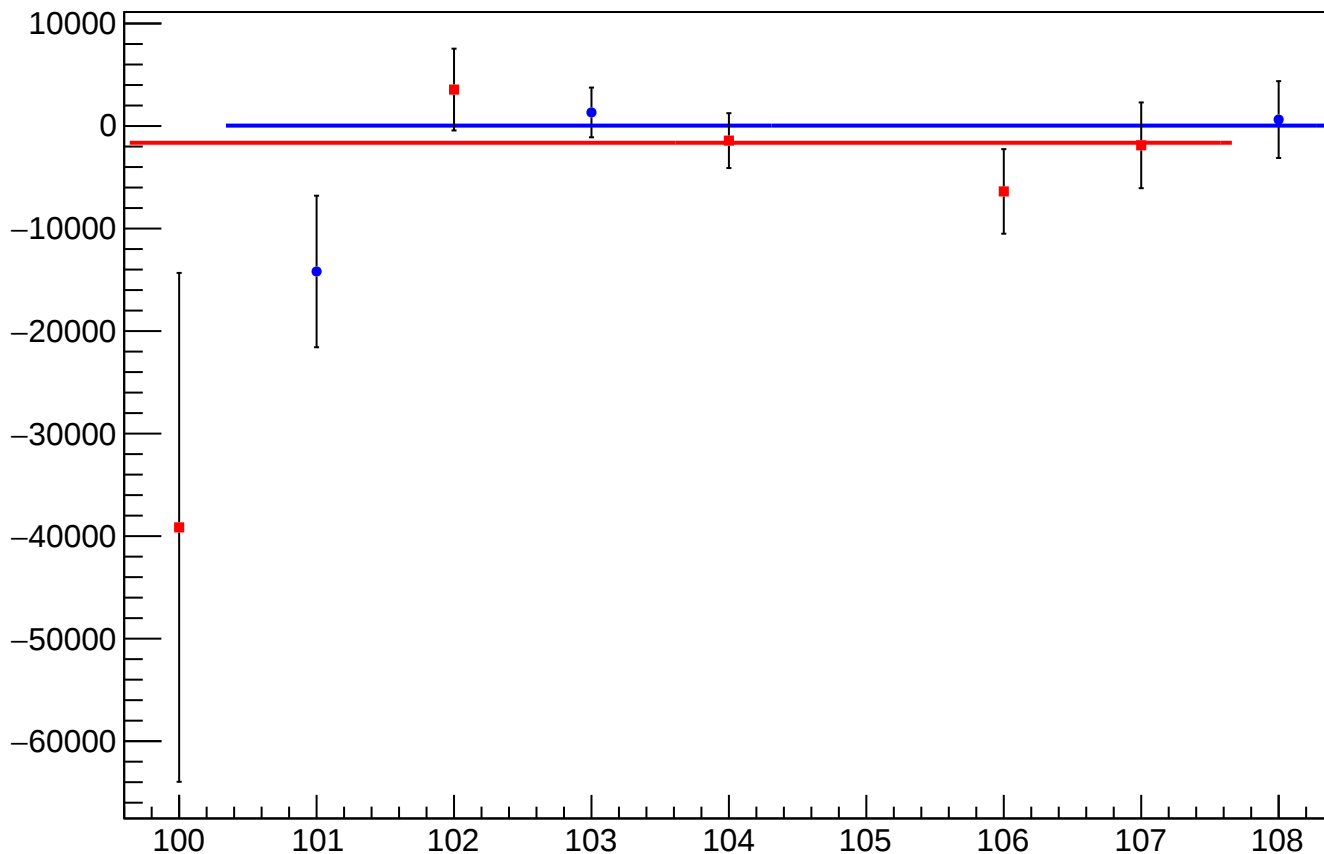
Right: 3160.368+/-1.305 χ^2/NDF : 544931.8/7

In: 3130.764+/-1.897 χ^2/NDF : 322987.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3160.368+/-1.305 χ^2/NDF : 544931.8/7

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 41.883+/-1962.864 χ^2/NDF : 4.0/2

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

Right Out: -1628.009+/-1767.677 χ^2/NDF : 5.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

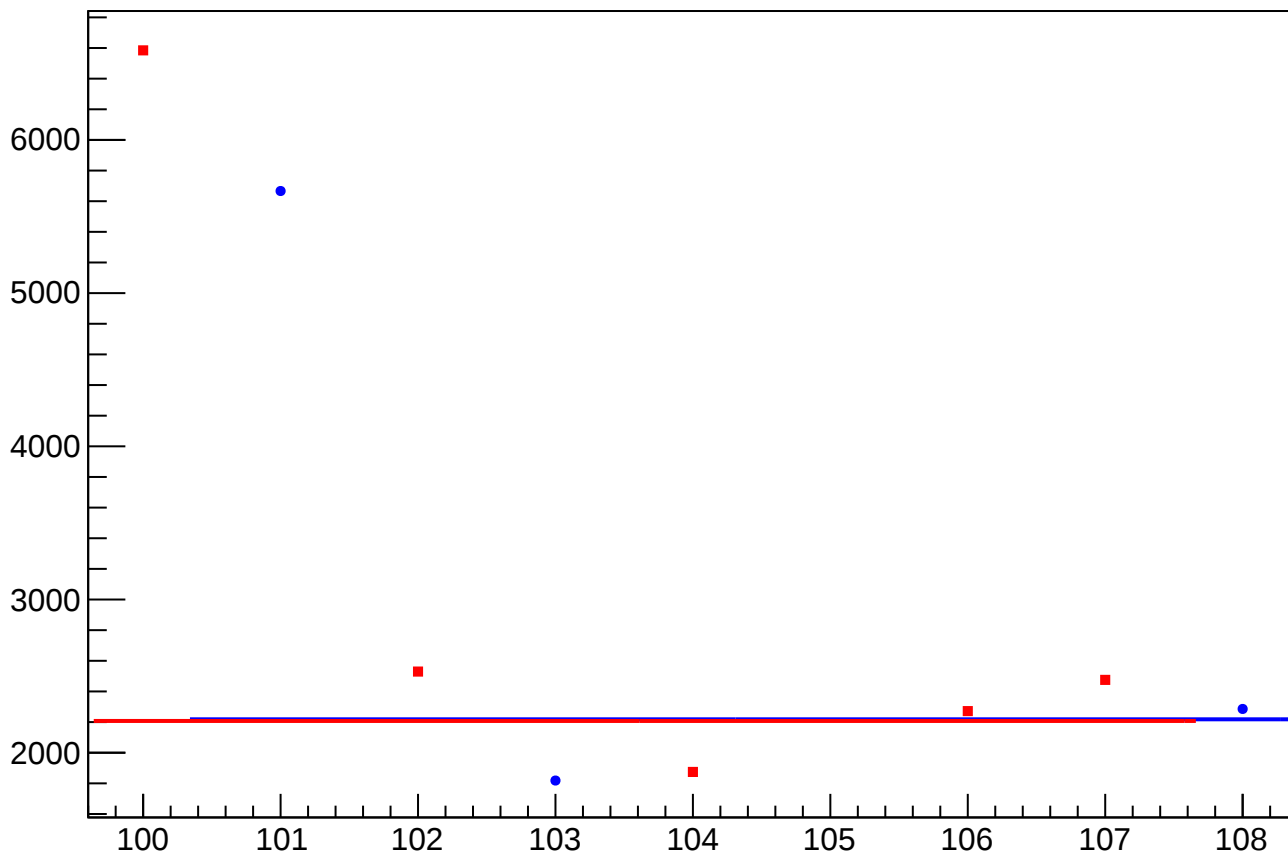
Right: -880.196+/-1313.538 χ^2/NDF : 9.7/7

In: 41.883+/-1962.864 χ^2/NDF : 4.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -880.196+/-1313.538 χ^2/NDF : 9.7/7

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2218.089+/-1.388 χ^2/NDF : 490250.3/2

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

Right Out: 2207.348+/-1.250 χ^2/NDF : 114912.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

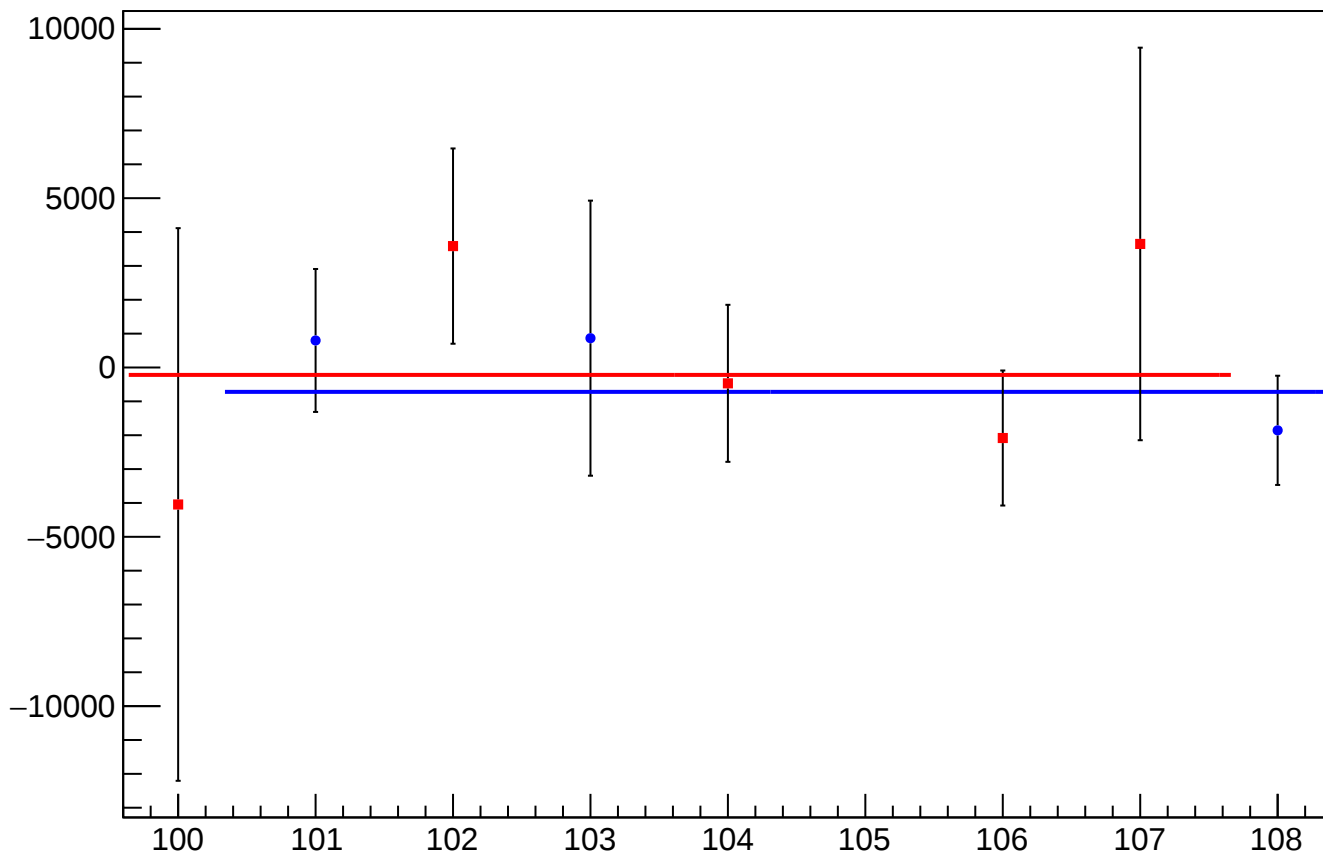
Right: 2212.158+/-0.929 χ^2/NDF : 605196.3/7

In: 2218.089+/-1.388 χ^2/NDF : 490250.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2212.158+/-0.929 χ^2/NDF : 605196.3/7

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: -719.656+/-1222.074 χ^2/NDF : 1.2/2

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

Right Out: -218.787+/-1288.097 χ^2/NDF : 3.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

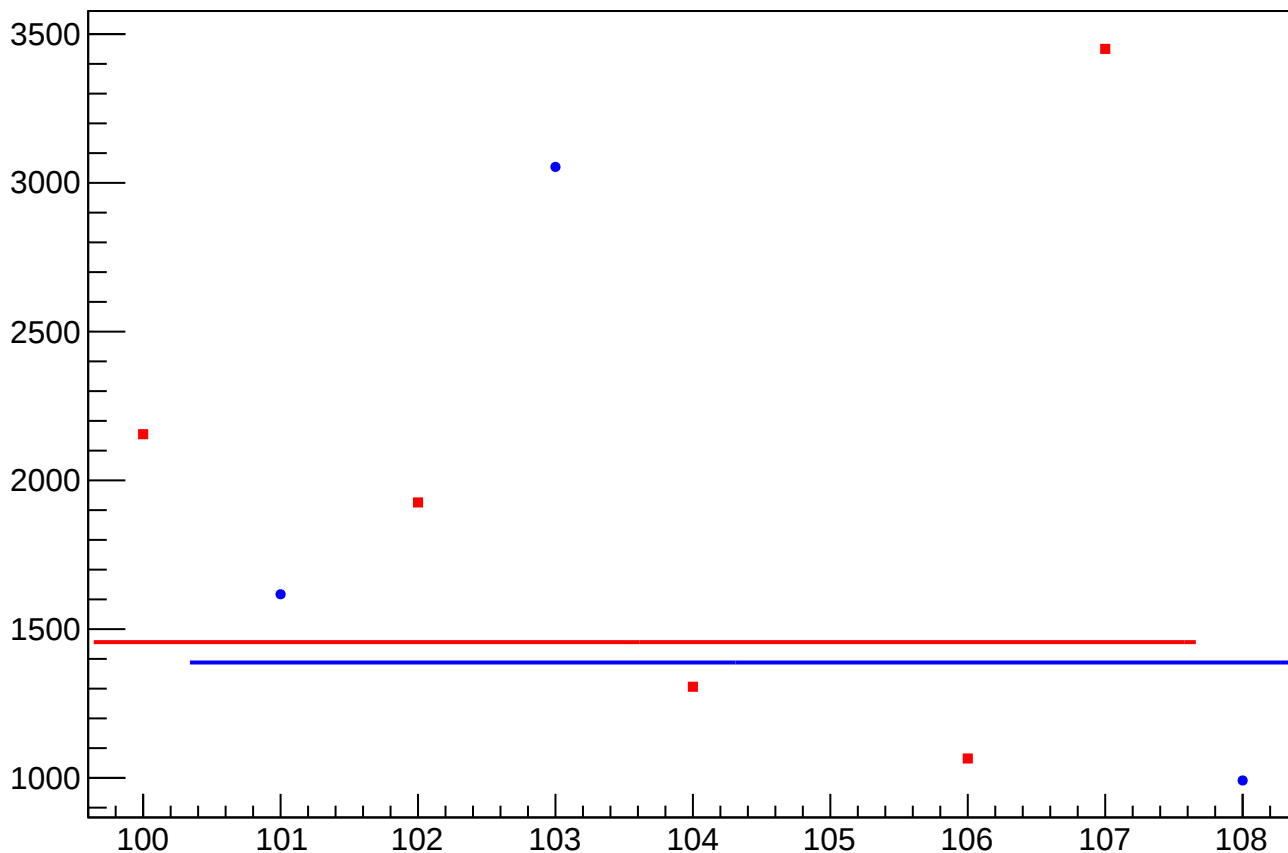
Right: -482.387+/-886.559 χ^2/NDF : 4.5/7

In: -719.656+/-1222.074 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -482.387+/-886.559 χ^2/NDF : 4.5/7

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 1387.862+/-0.864 χ^2/NDF : 480897.6/2

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

Right Out: 1456.335+/-0.911 χ^2/NDF : 389780.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

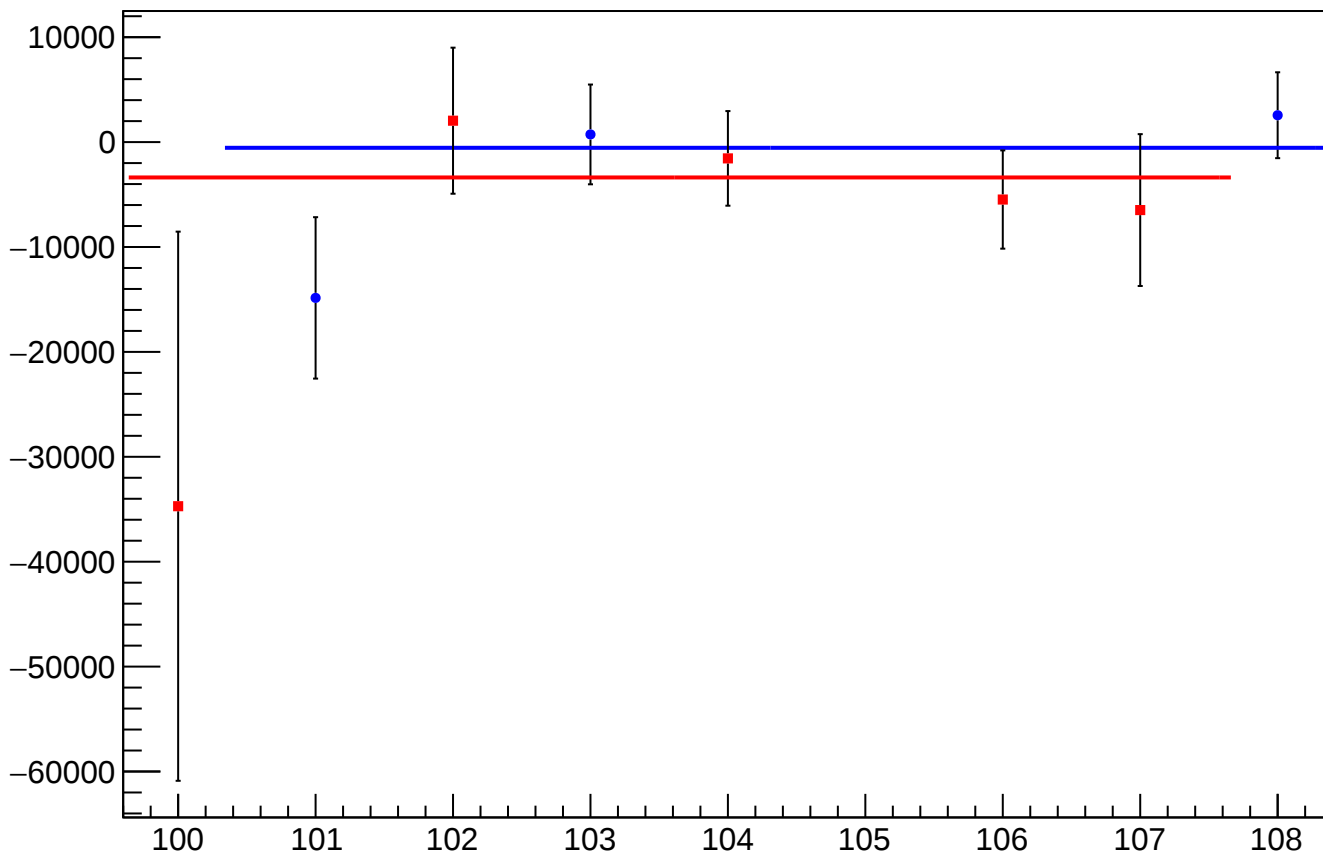
Right: 1420.299+/-0.627 χ^2/NDF : 873652.3/7

In: 1387.862+/-0.864 χ^2/NDF : 480897.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1420.299+/-0.627 χ^2/NDF : 873652.3/7

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -543.682+/-2877.210 χ^2/NDF : 4.1/2

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

Right Out: -3370.766+/-2712.357 χ^2/NDF : 2.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

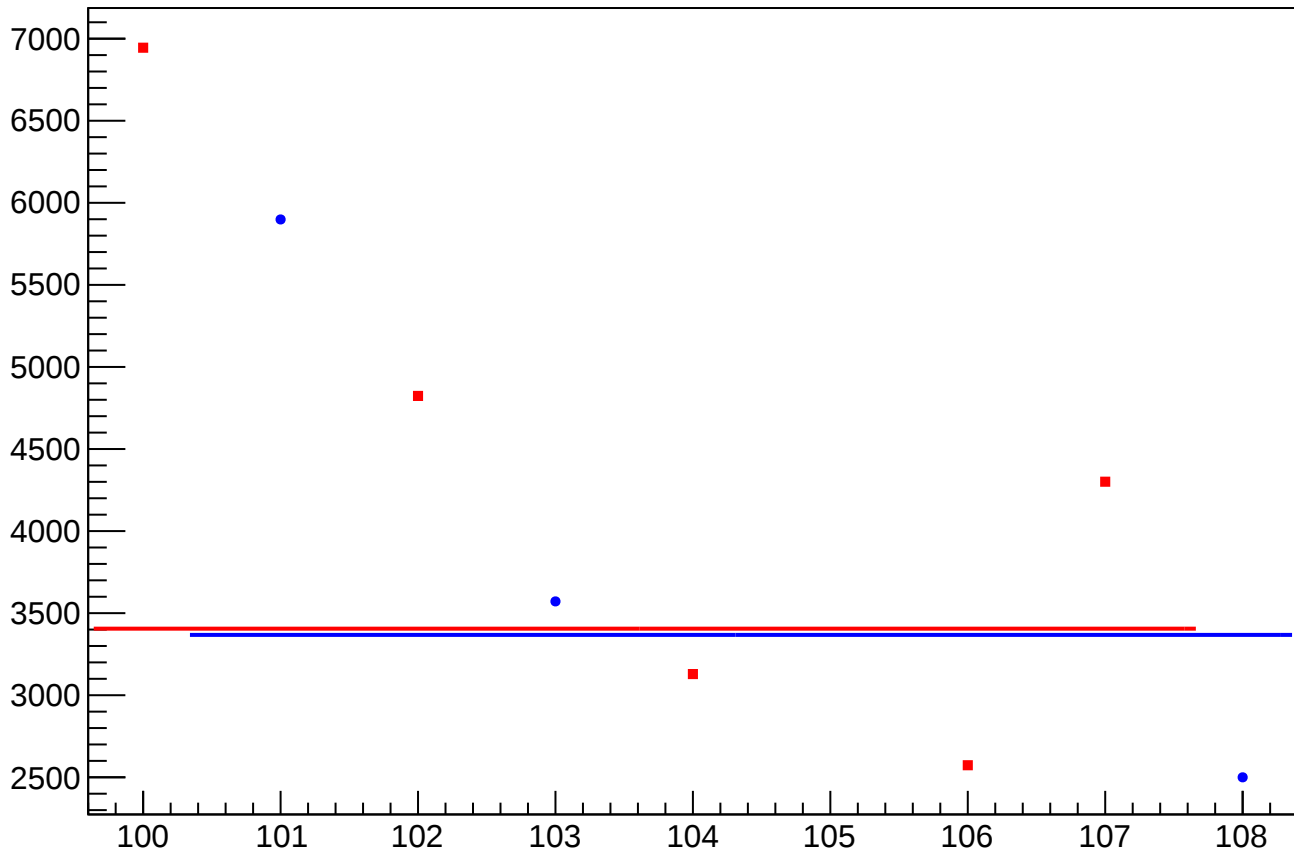
Right: -2040.531+/-1973.633 χ^2/NDF : 7.2/7

In: -543.682+/-2877.210 χ^2/NDF : 4.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2040.531+/-1973.633 χ^2/NDF : 7.2/7

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 3367.538+/-2.034 χ^2/NDF : 310027.8/2

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

Right Out: 3405.519+/-1.918 χ^2/NDF : 220821.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

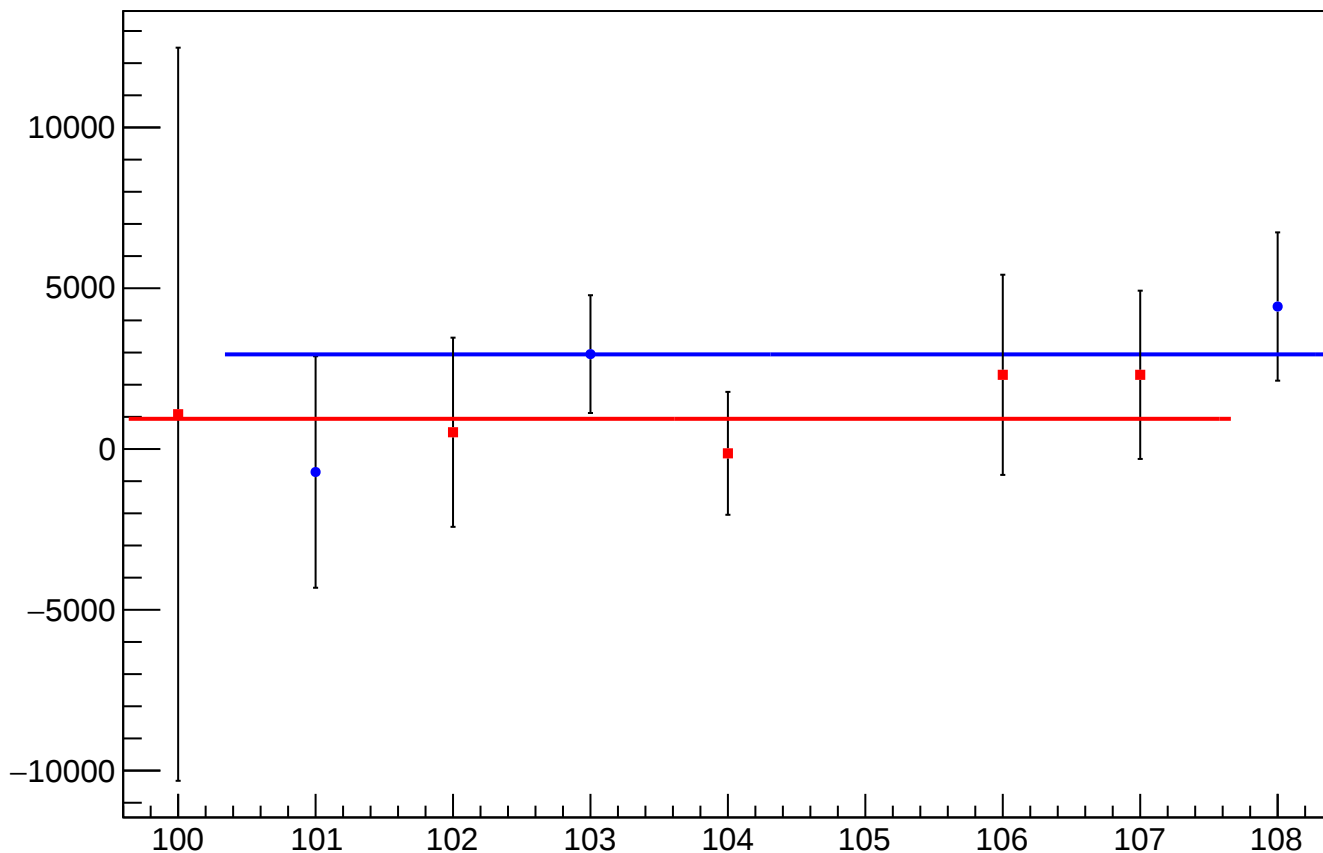
Right: 3387.648+/-1.396 χ^2/NDF : 531033.7/7

In: 3367.538+/-2.034 χ^2/NDF : 310027.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3387.648+/-1.396 χ^2/NDF : 531033.7/7

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2943.402 $\pm$ 1332.286 χ^2 /NDF: 1.4/2

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

Right Out: 939.633 $\pm$ 1243.891 χ^2 /NDF: 0.8/4

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

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

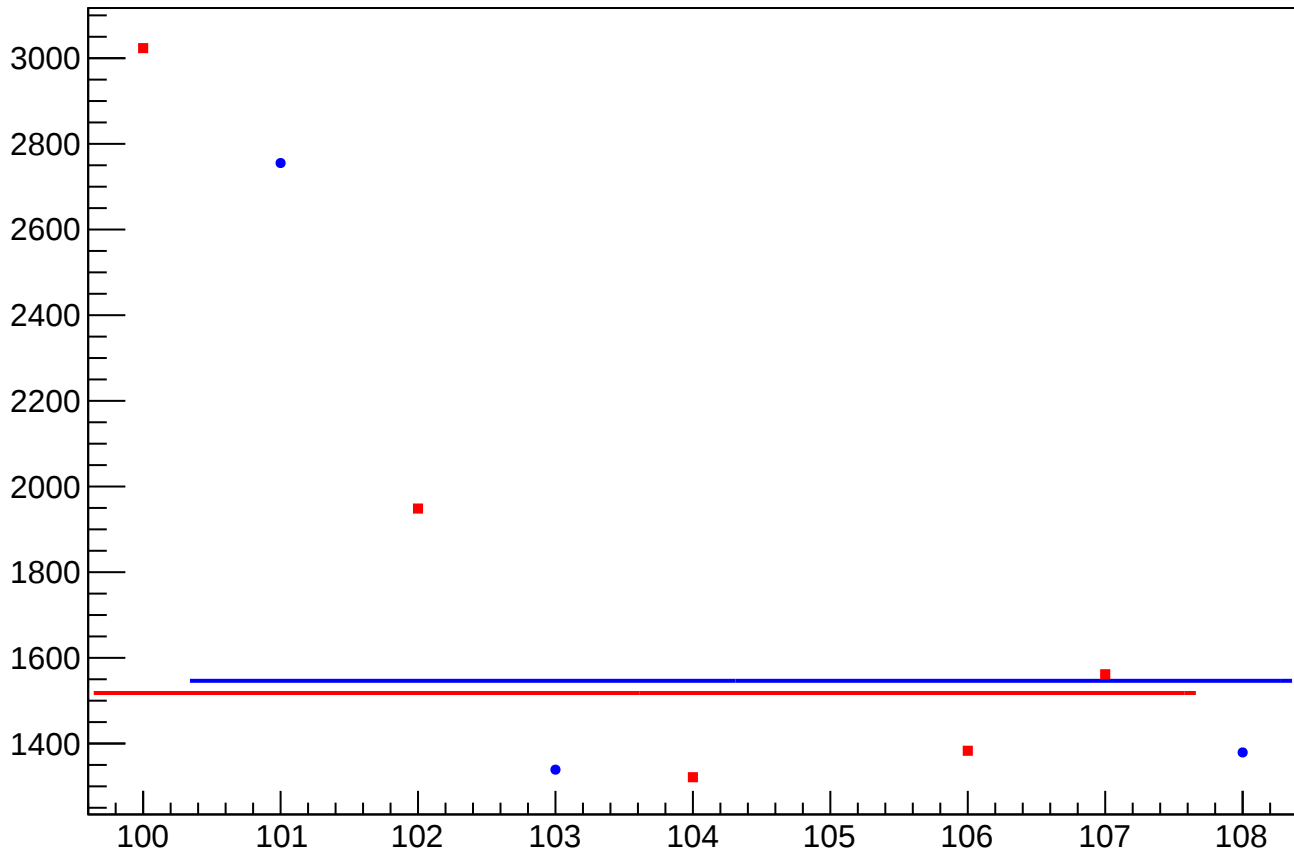
Right: 1872.844 $\pm$ 909.209 χ^2 /NDF: 3.5/7

In: 2943.402 $\pm$ 1332.286 χ^2 /NDF:1.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1872.844 $\pm$ 909.209 χ^2 /NDF: 3.5/7

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1546.421+/-0.942 χ^2/NDF : 261752.2/2

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

Right Out: 1517.945+/-0.880 χ^2/NDF : 103228.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

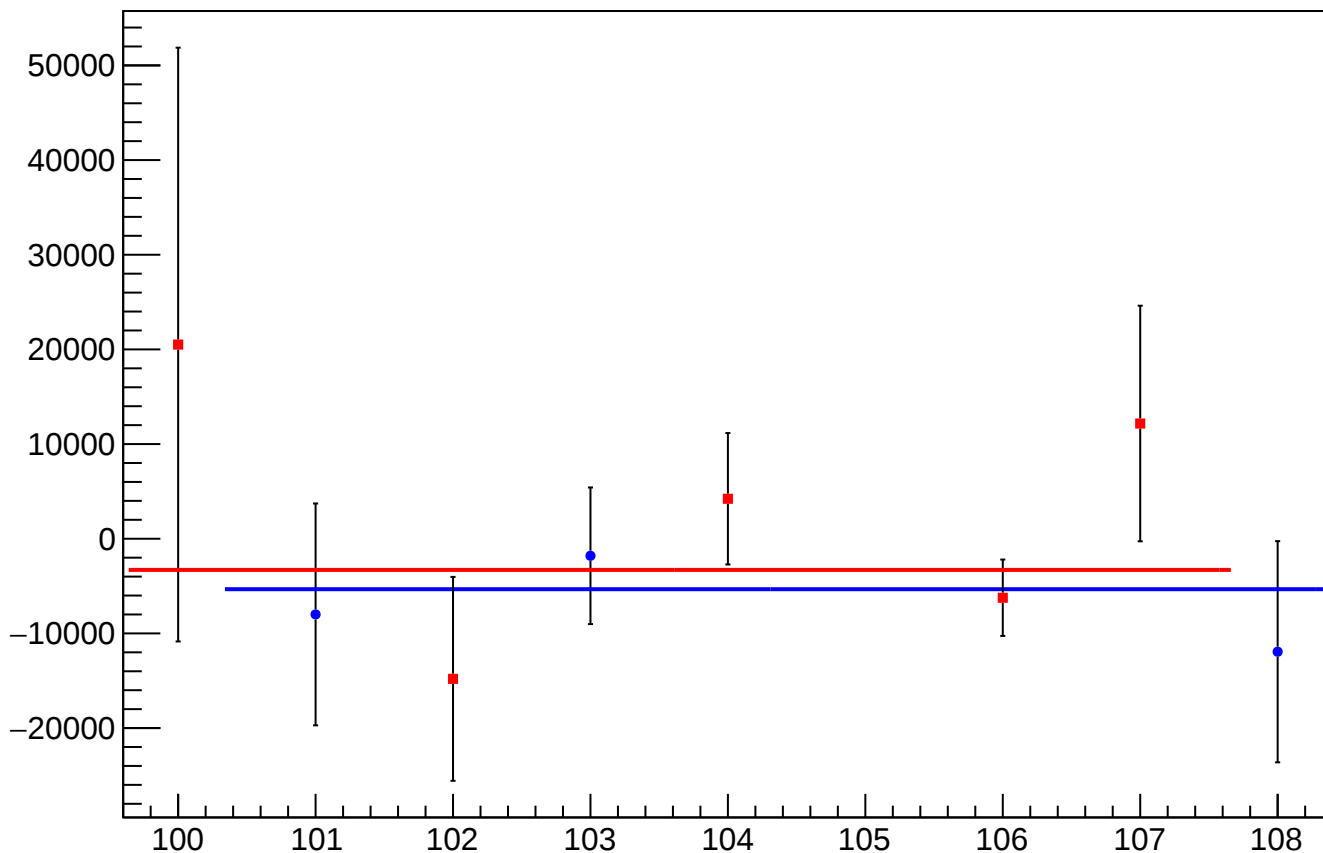
Right: 1531.207+/-0.643 χ^2/NDF : 365469.0/7

In: 1546.421+/-0.942 χ^2/NDF : 261752.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1531.207+/-0.643 χ^2/NDF : 365469.0/7

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -5330.553+/-5438.223 χ^2/NDF : 0.6/2

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

Right Out: -3291.844+/-3189.157 χ^2/NDF : 5.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

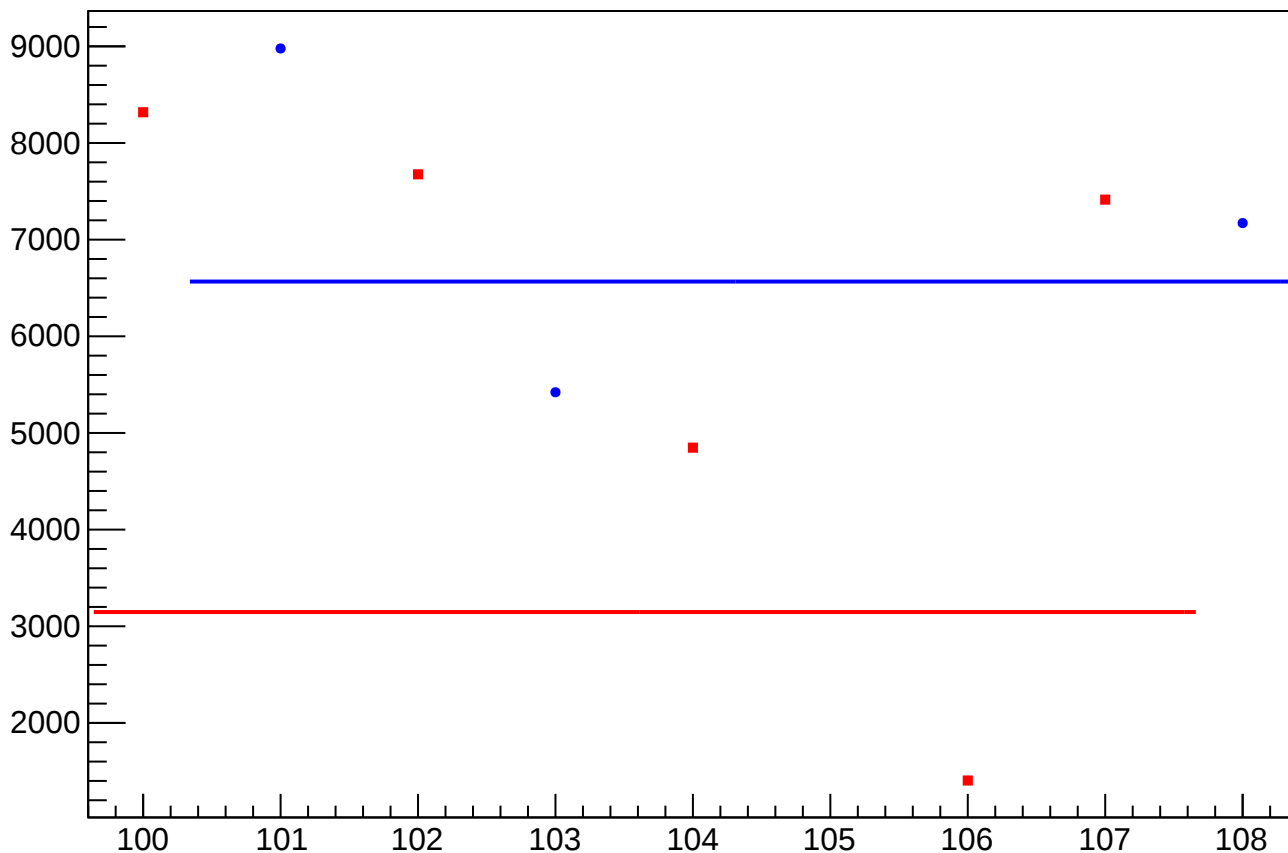
Right: -3813.548+/-2751.007 χ^2/NDF : 5.7/7

In: -5330.553+/-5438.223 χ^2/NDF : 0.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3813.548+/-2751.007 χ^2/NDF : 5.7/7

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 6566.495+/-3.845 χ^2/NDF : 140439.0/2

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

Right Out: 3147.319+/-2.255 χ^2/NDF : 1136808.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

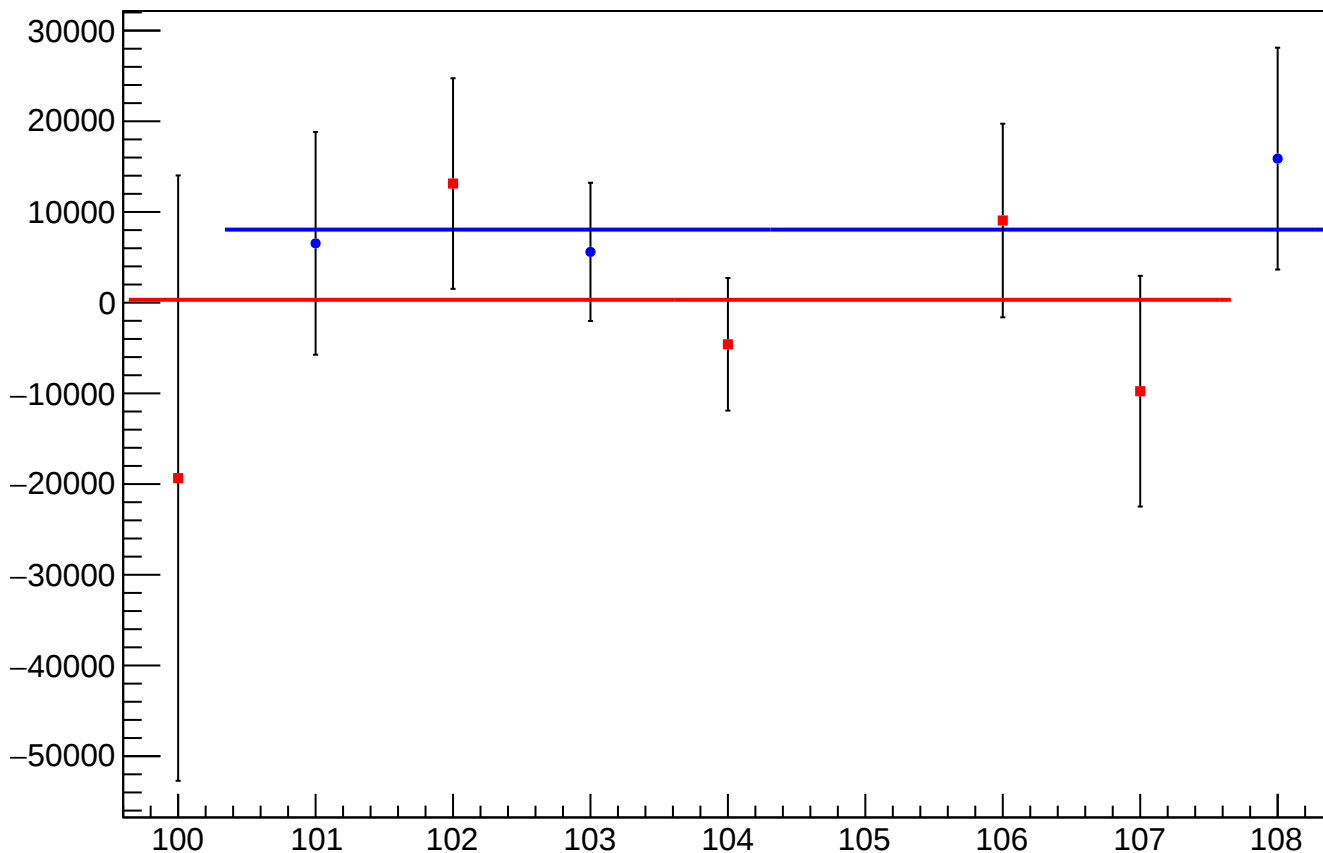
Right: 4022.284+/-1.945 χ^2/NDF : 1865536.5/7

In: 6566.495+/-3.845 χ^2/NDF : 140439.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4022.284+/-1.945 χ^2/NDF : 1865536.5/7

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 8055.243 $\pm$ 5723.006 χ^2 /NDF: 0.5/2

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

Right Out: 318.052 $\pm$ 4879.669 χ^2 /NDF: 3.3/4

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

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

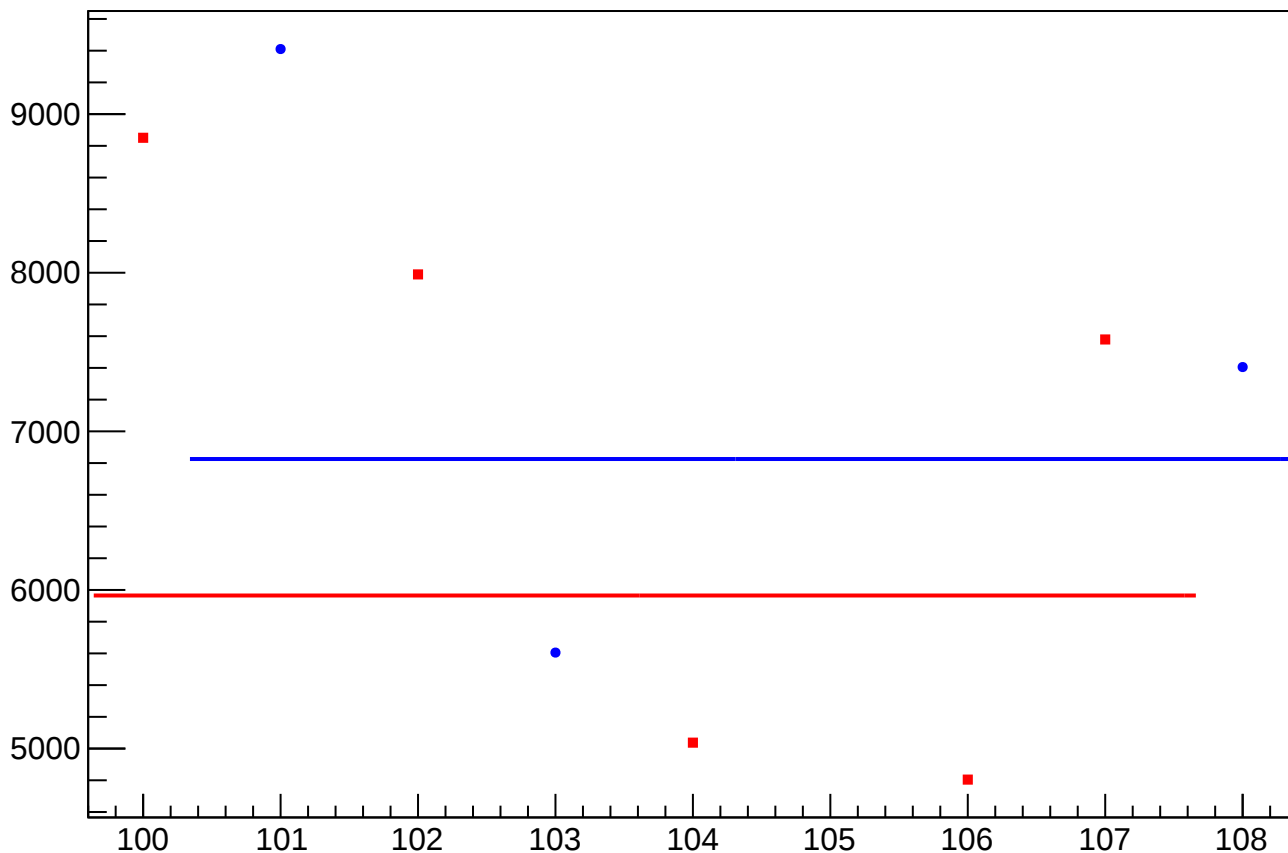
Right: 3575.100 $\pm$ 3713.168 χ^2 /NDF: 4.9/7

In: 8055.243 $\pm$ 5723.006 χ^2 /NDF:0.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3575.100 $\pm$ 3713.168 χ^2 /NDF: 4.9/7

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 6825.550+/-4.046 χ^2/NDF : 144382.7/2

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

Right Out: 5965.025+/-3.449 χ^2/NDF : 163957.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

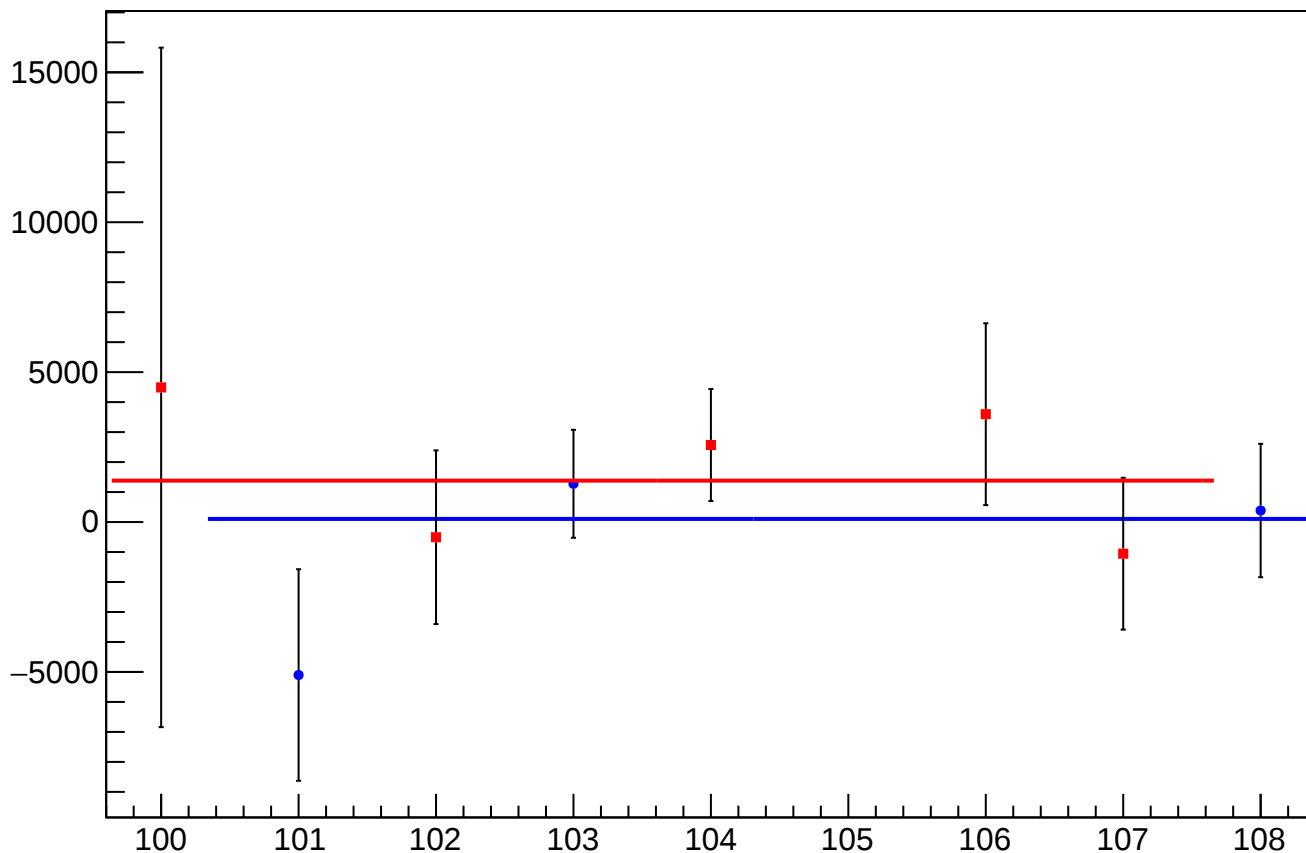
Right: 6327.147+/-2.625 χ^2/NDF : 334534.4/7

In: 6825.550+/-4.046 χ^2/NDF : 144382.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6327.147+/-2.625 χ^2/NDF : 334534.4/7

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 104.234+/-1300.830 χ^2/NDF : 2.6/2

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

Right Out: 1381.489+/-1214.862 χ^2/NDF : 2.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

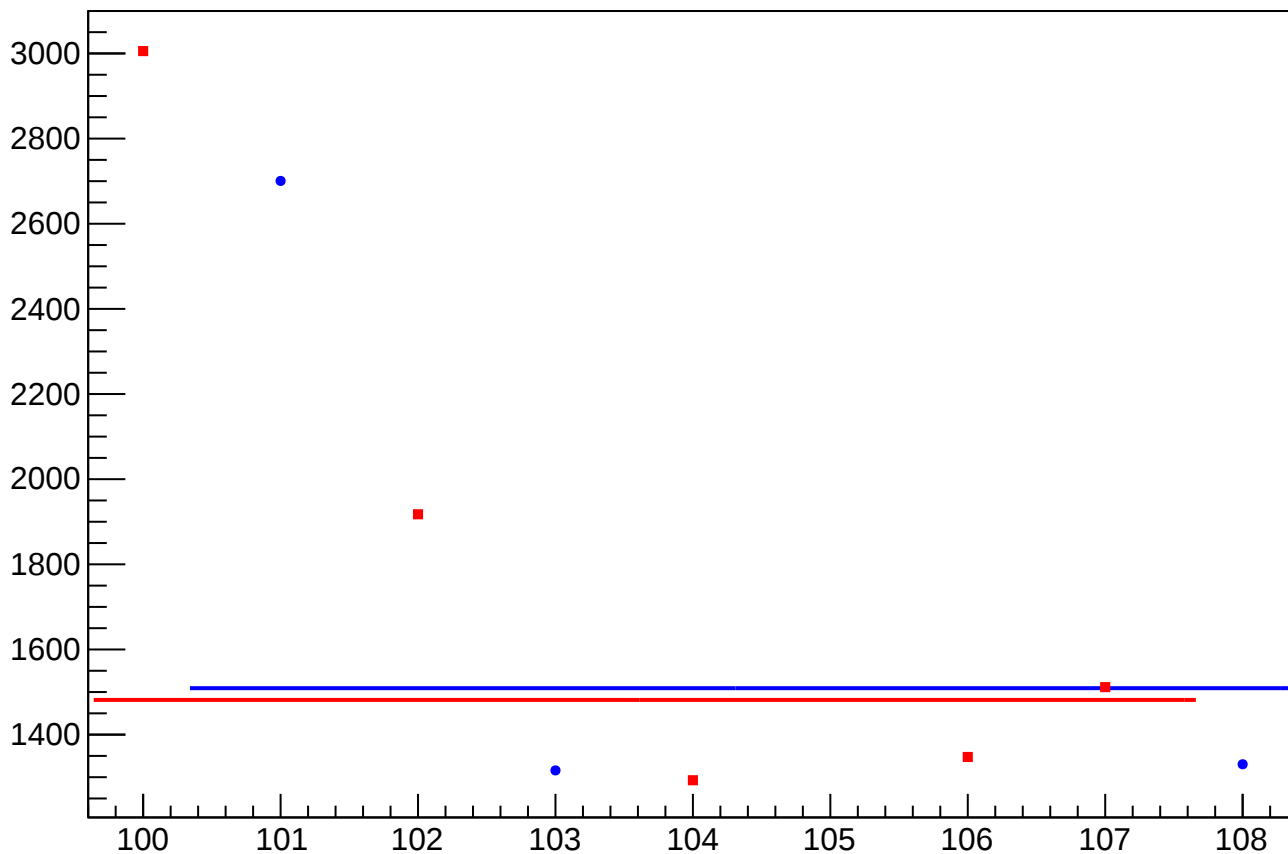
Right: 786.458+/-887.874 χ^2/NDF : 5.5/7

In: 104.234+/-1300.830 χ^2/NDF : 2.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 786.458+/-887.874 χ^2/NDF : 5.5/7

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1509.104+/-0.920 χ^2/NDF : 263986.9/2

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

Right Out: 1481.496+/-0.859 χ^2/NDF : 106035.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

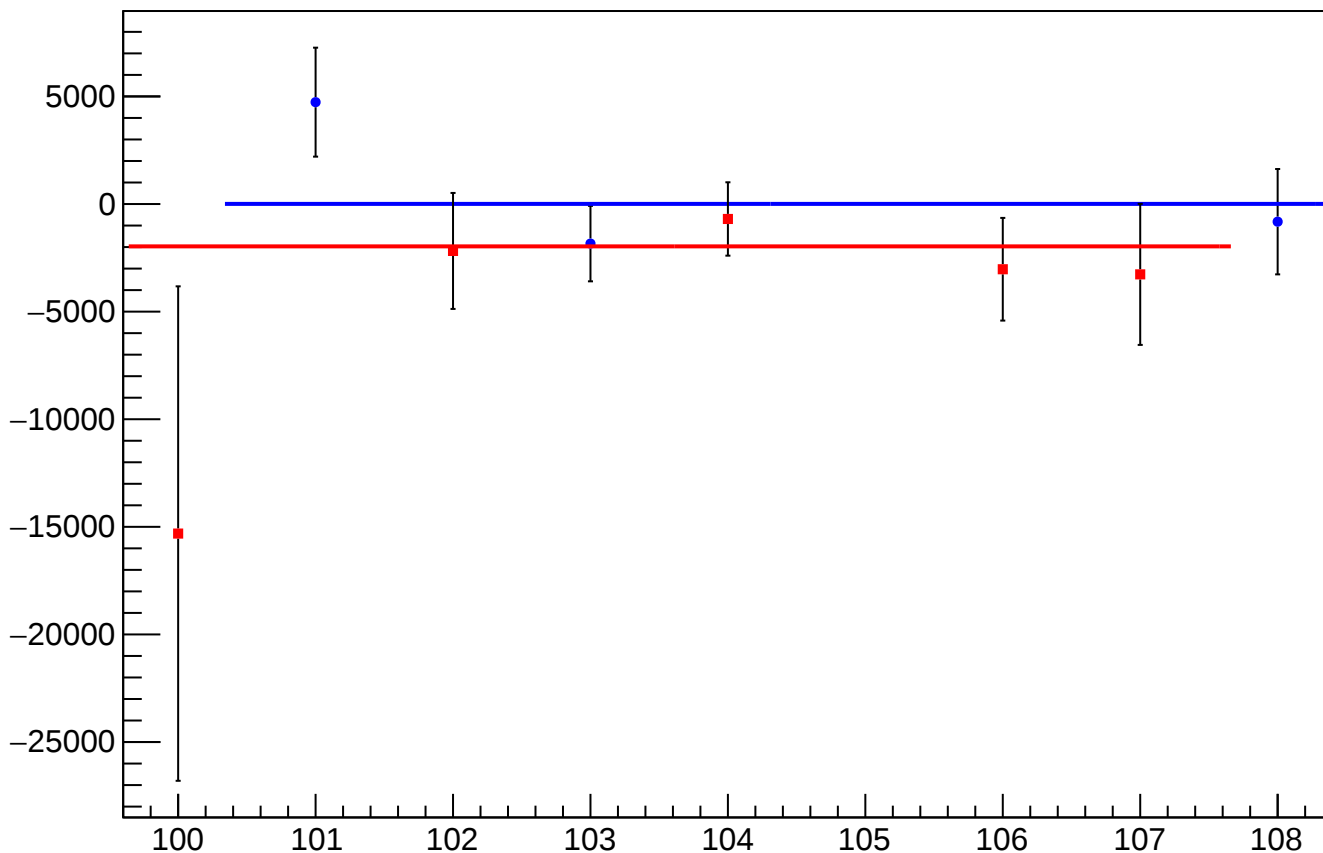
Right: 1494.357+/-0.628 χ^2/NDF : 370503.4/7

In: 1509.104+/-0.920 χ^2/NDF : 263986.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1494.357+/-0.628 χ^2/NDF : 370503.4/7

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: 6.416+/-1242.335 χ^2 /NDF: 4.7/2

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

Right Out: -1967.562+/-1148.517 χ^2 /NDF: 2.3/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

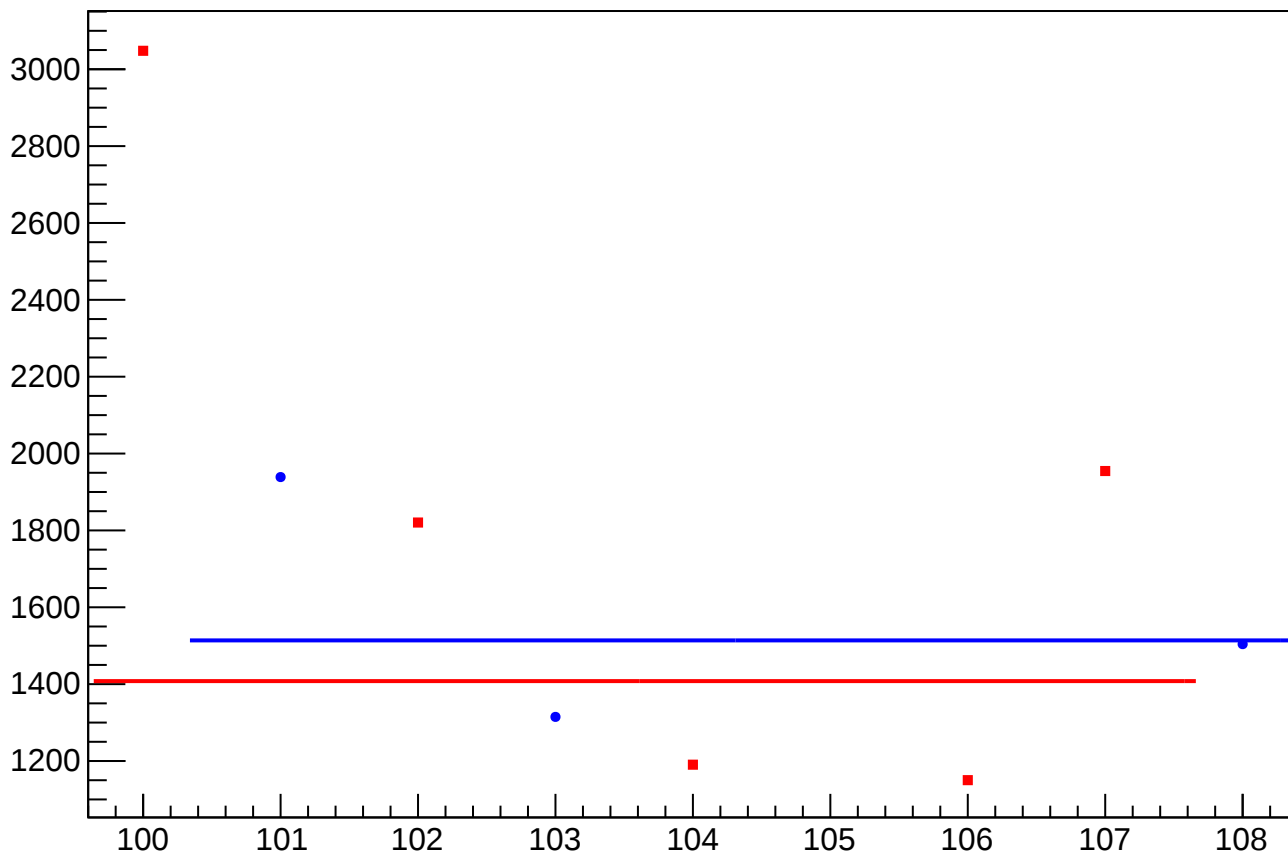
Right: -1057.913+/-843.343 χ^2 /NDF: 8.3/7

In: 6.416+/-1242.335 χ^2 /NDF:4.7/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1057.913+/-843.343 χ^2 /NDF: 8.3/7

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 1513.821+/-0.878 χ^2/NDF : 82137.4/2

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

Right Out: 1407.917+/-0.812 χ^2/NDF : 199153.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

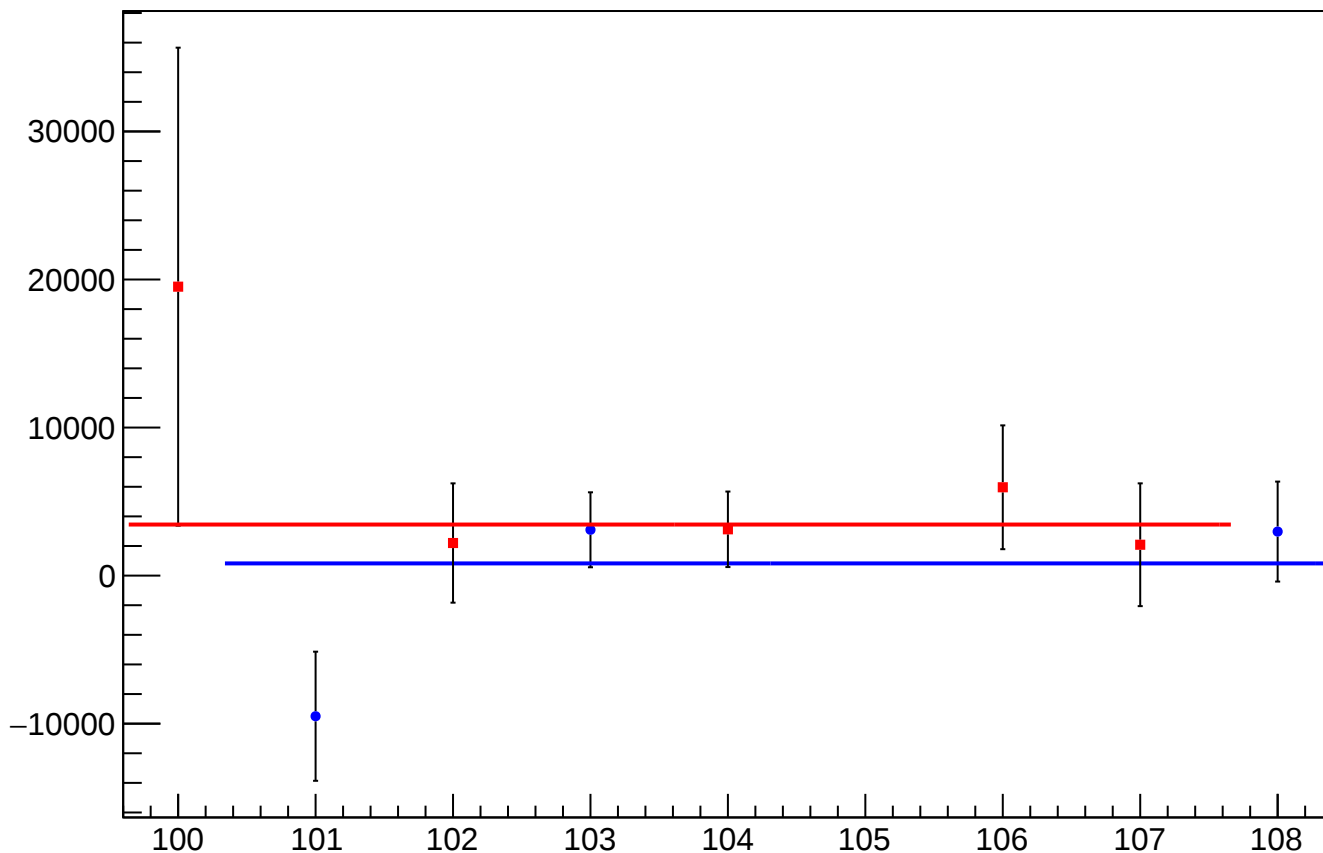
Right: 1456.720+/-0.596 χ^2/NDF : 289127.7/7

In: 1513.821+/-0.878 χ^2/NDF : 82137.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1456.720+/-0.596 χ^2/NDF : 289127.7/7

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 824.216+/-1837.030 χ^2/NDF : 6.8/2

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

Right Out: 3449.215+/-1728.883 χ^2/NDF : 1.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

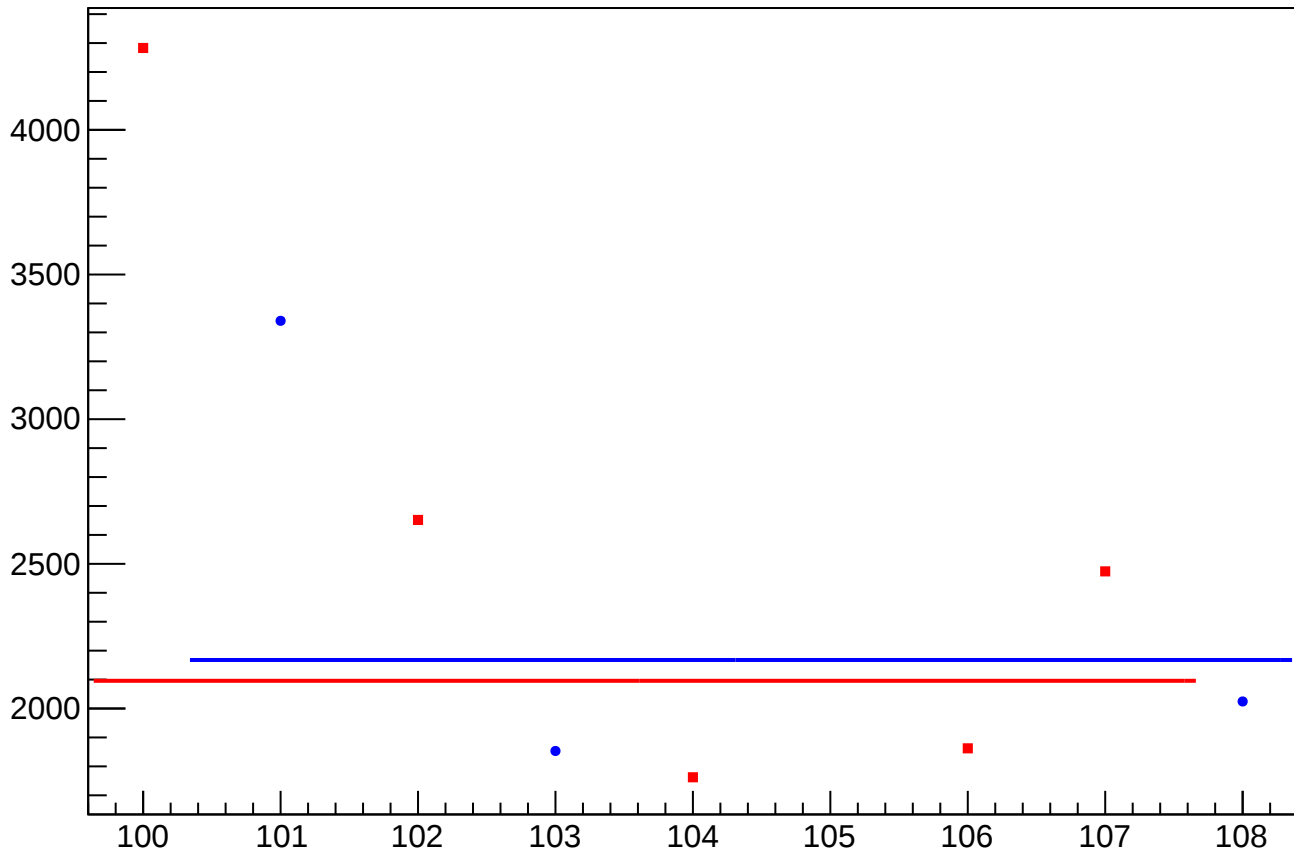
Right: 2216.253+/-1259.002 χ^2/NDF : 9.5/7

In: 824.216+/-1837.030 χ^2/NDF : 6.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2216.253+/-1259.002 χ^2/NDF : 9.5/7

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2167.733+/-1.299 χ^2/NDF : 178993.4/2

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

Right Out: 2095.840+/-1.222 χ^2/NDF : 131859.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

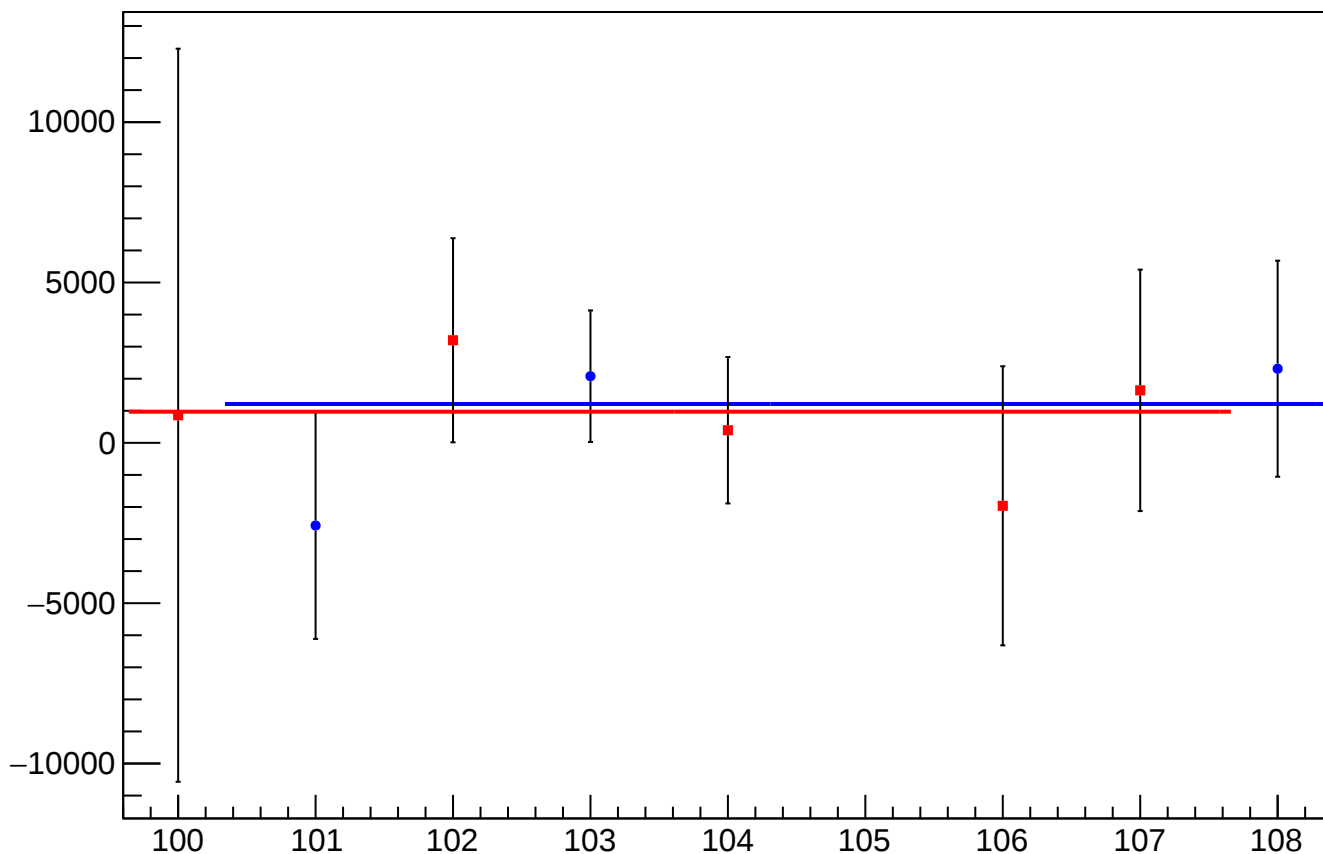
Right: 2129.608+/-0.890 χ^2/NDF : 312477.7/7

In: 2167.733+/-1.299 χ^2/NDF : 178993.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2129.608+/-0.890 χ^2/NDF : 312477.7/7

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 1211.417+/-1569.779 χ^2/NDF : 1.4/2

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

Right Out: 971.772+/-1540.163 χ^2/NDF : 1.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

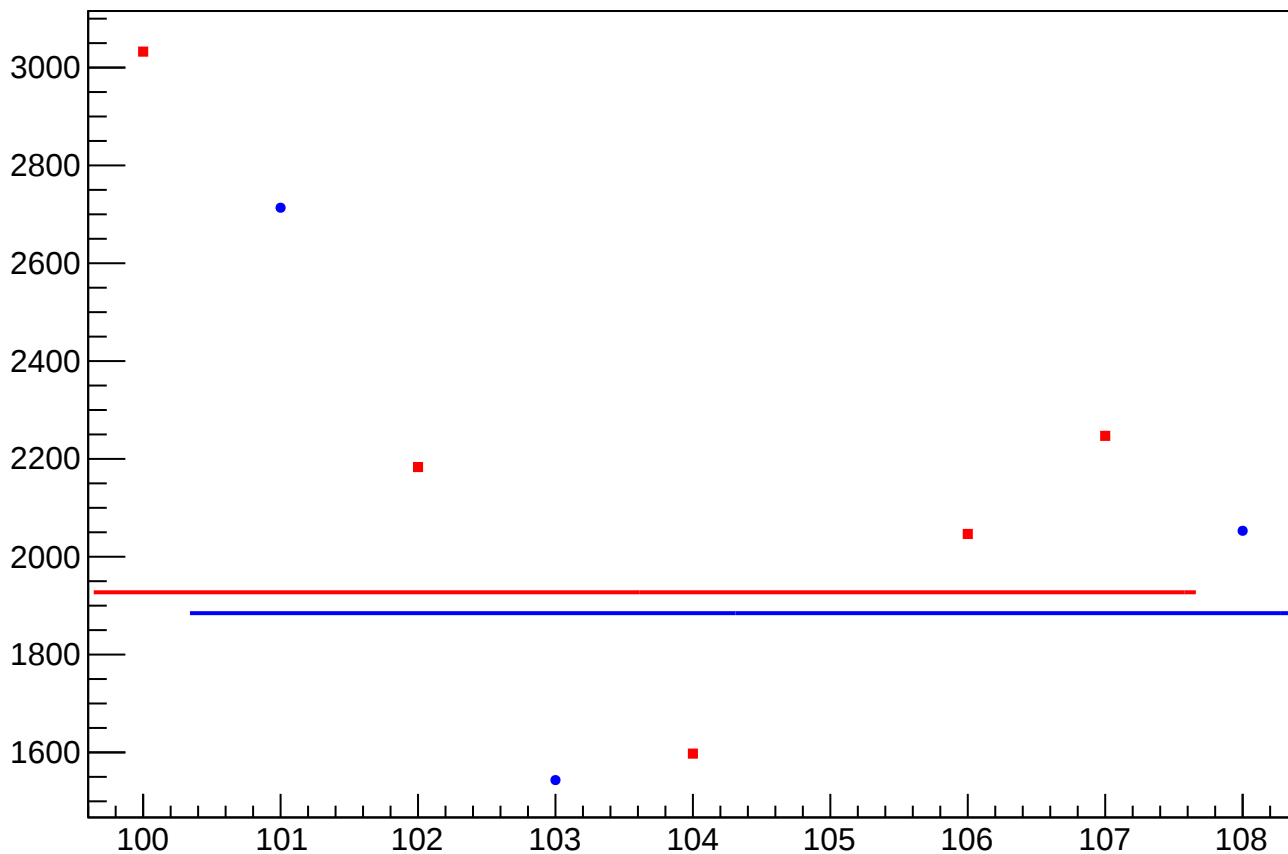
Right: 1089.312+/-1099.381 χ^2/NDF : 2.5/7

In: 1211.417+/-1569.779 χ^2/NDF : 1.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1089.312+/-1099.381 χ^2/NDF : 2.5/7

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1884.665+/-1.110 χ^2/NDF : 170233.9/2

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

Right Out: 1927.333+/-1.082 χ^2/NDF : 89475.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

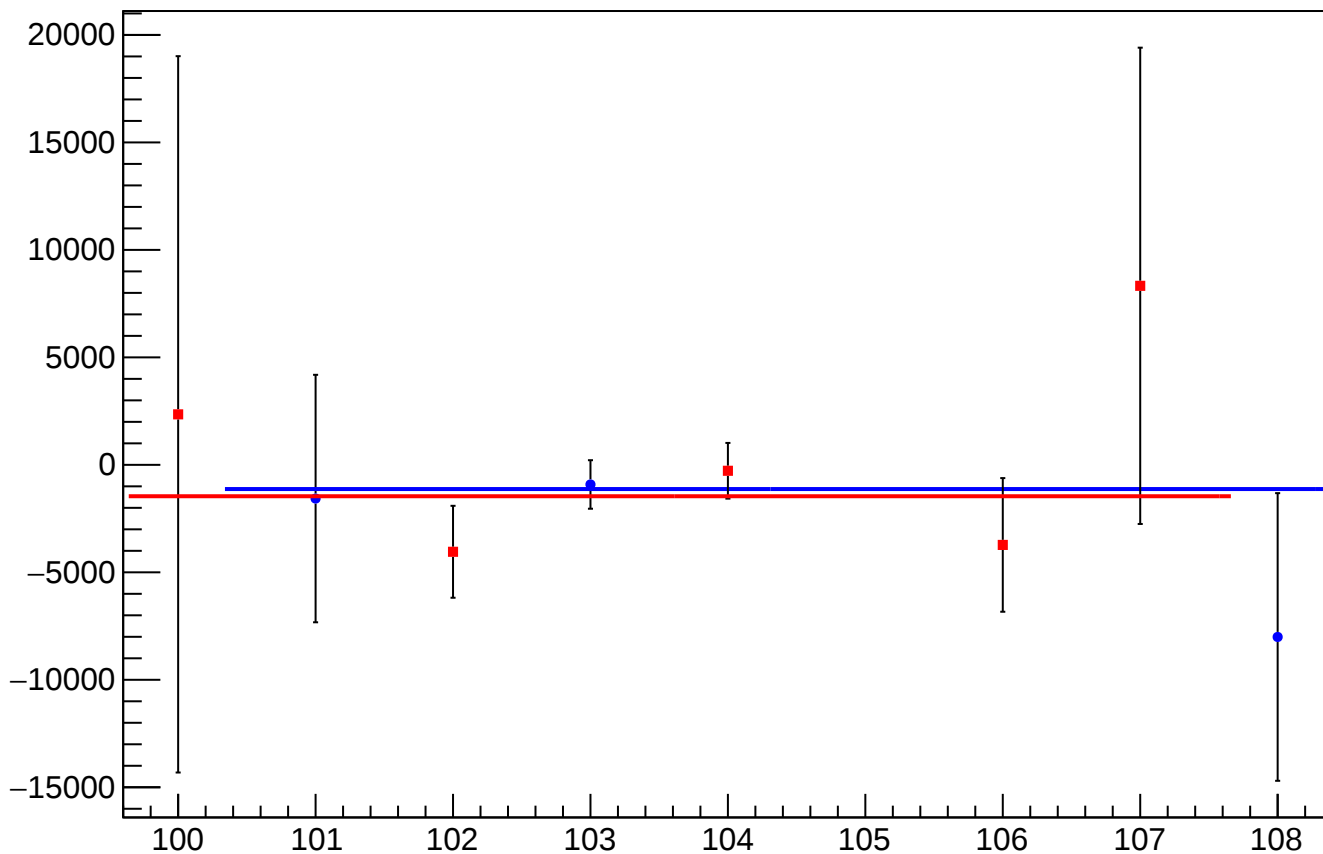
Right: 1906.550+/-0.775 χ^2/NDF : 260466.7/7

In: 1884.665+/-1.110 χ^2/NDF : 170233.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1906.550+/-0.775 χ^2/NDF : 260466.7/7

asym_atl1r2_avg_correction_mean vs Slug, Sign Corrected



Right In: -1125.650+/-1092.908 χ^2/NDF : 1.1/2

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

Right Out: -1460.469+/-1037.097 χ^2/NDF : 3.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

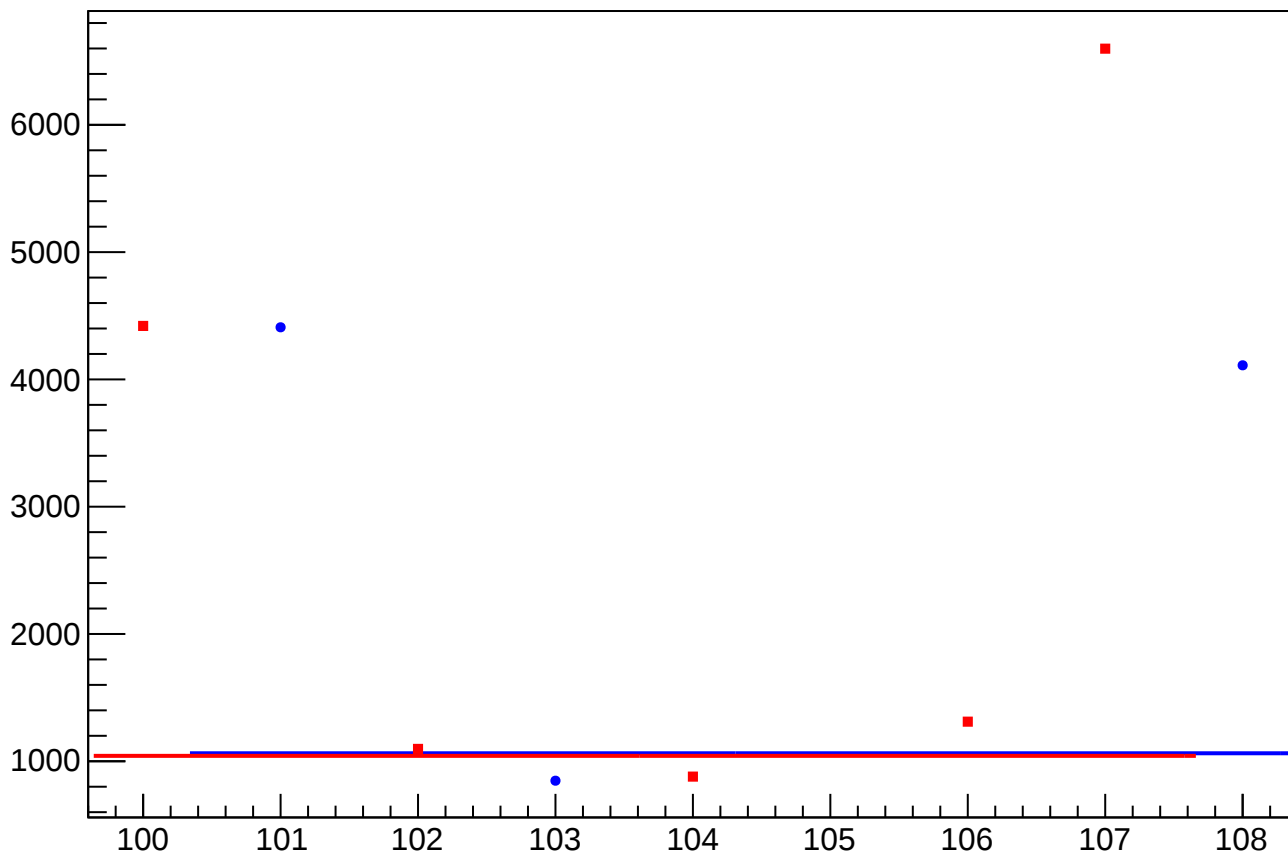
Right: -1301.827+/-752.295 χ^2/NDF : 4.8/7

In: -1125.650+/-1092.908 χ^2/NDF : 1.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1301.827+/-752.295 χ^2/NDF : 4.8/7

asym_atl1r2_avg_correction_rms vs Slug, Sign Corrected



Right In: 1062.755+/-0.773 χ^2/NDF : 1163843.5/2

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

Right Out: 1042.475+/-0.733 χ^2/NDF : 633053.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

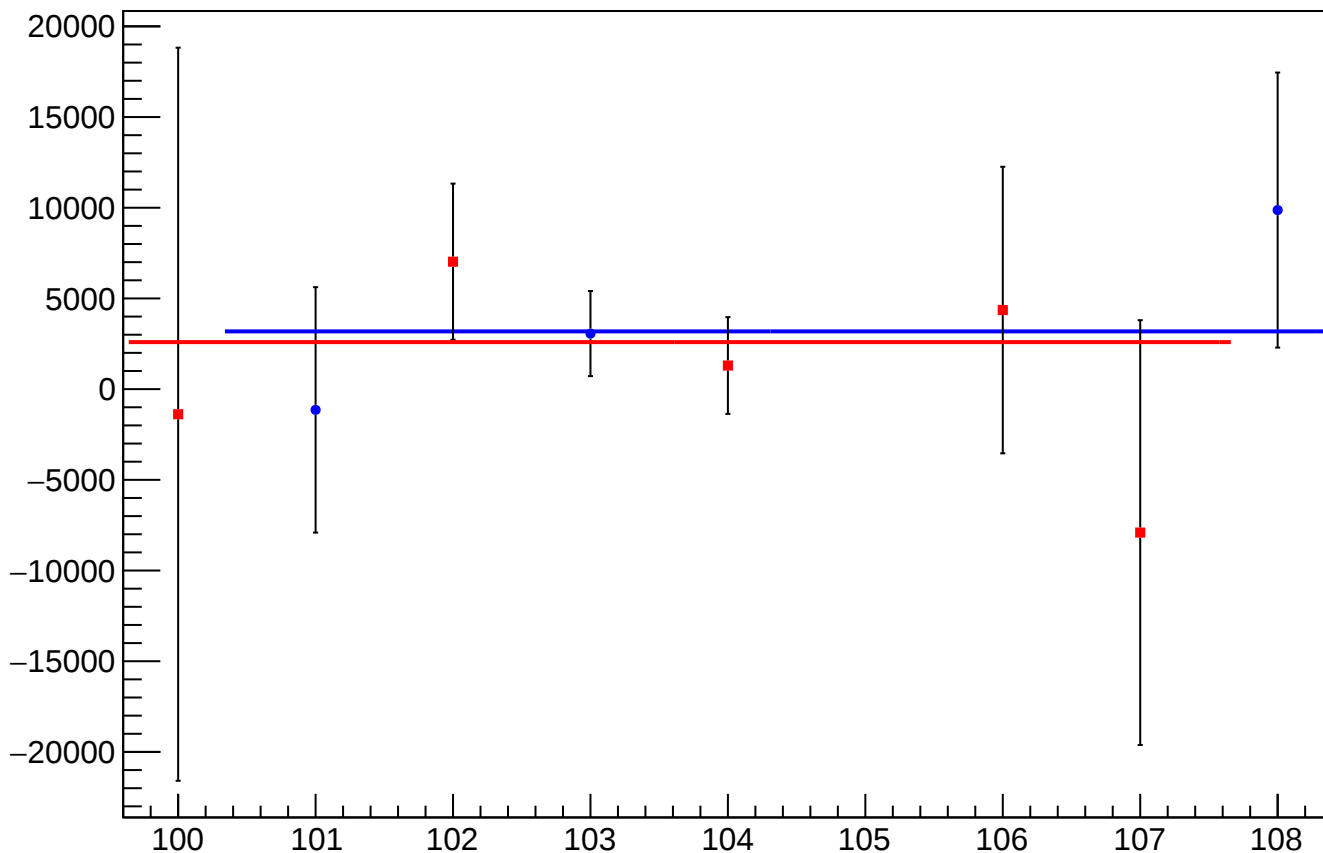
Right: 1052.084+/-0.532 χ^2/NDF : 1797258.8/7

In: 1062.755+/-0.773 χ^2/NDF : 1163843.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1052.084+/-0.532 χ^2/NDF : 1797258.8/7

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 3183.510+/-2126.644 χ^2/NDF : 1.2/2

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

Right Out: 2592.079+/-2130.716 χ^2/NDF : 2.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

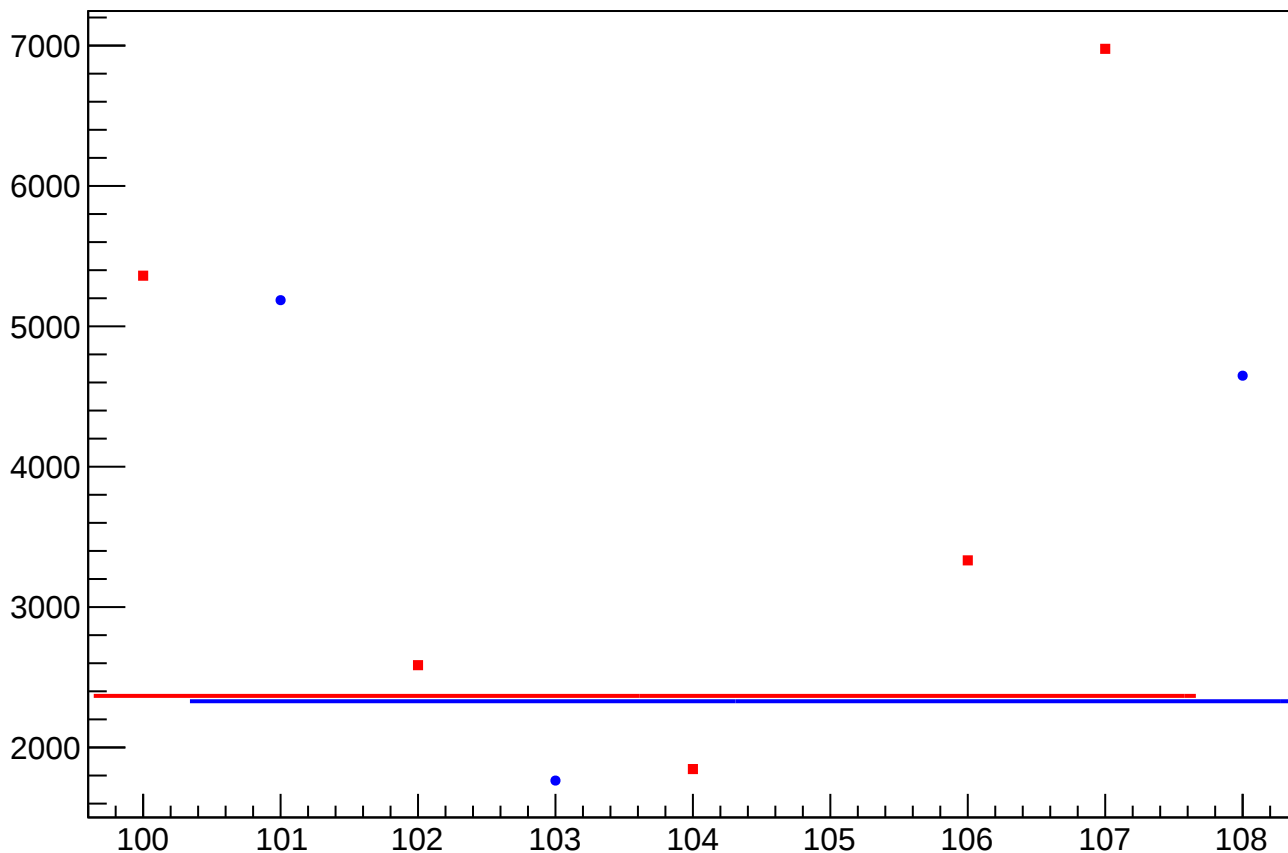
Right: 2888.360+/-1505.202 χ^2/NDF : 3.4/7

In: 3183.510+/-2126.644 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2888.360+/-1505.202 χ^2/NDF : 3.4/7

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2329.265+/-1.504 χ^2/NDF : 660021.7/2

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

Right Out: 2367.408+/-1.489 χ^2/NDF : 474879.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

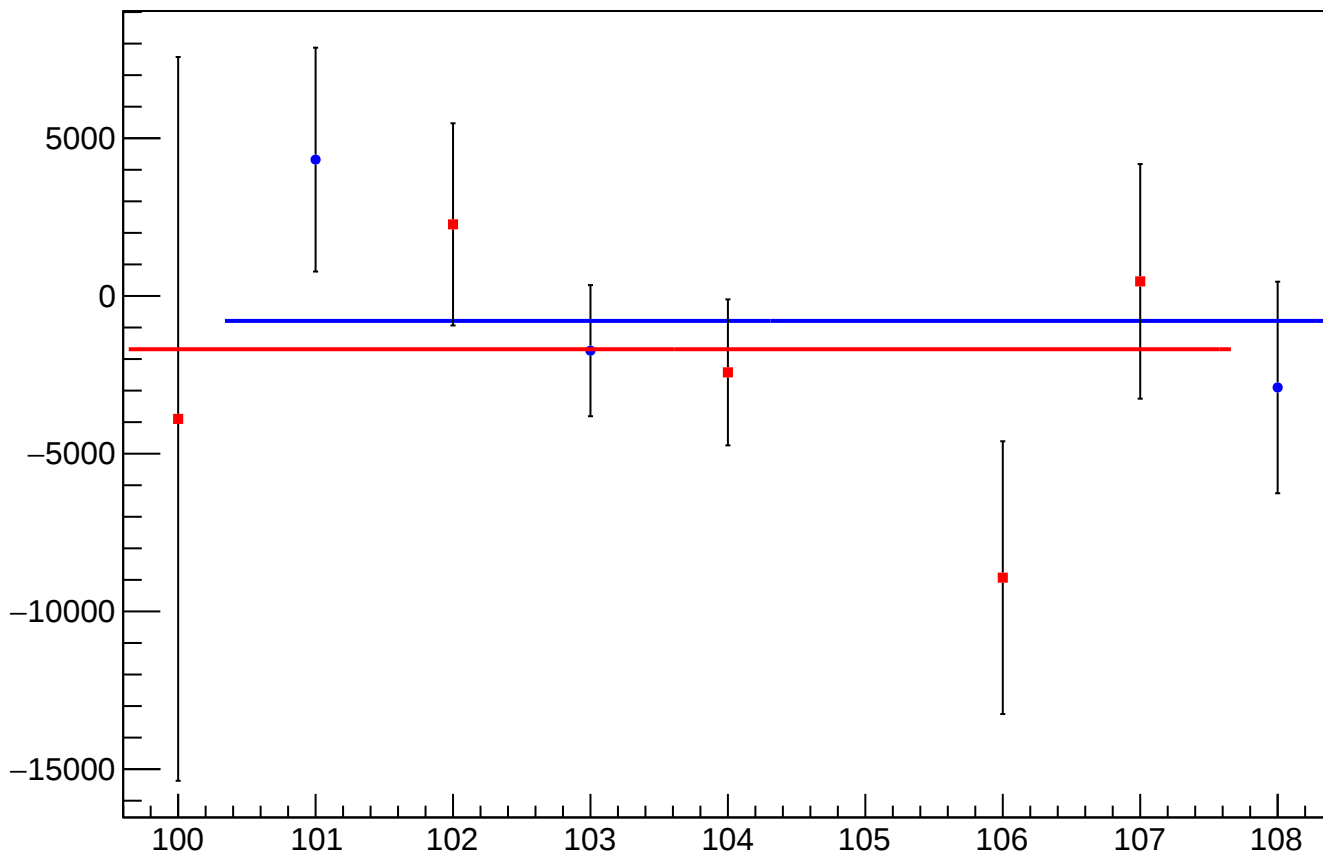
Right: 2348.523+/-1.058 χ^2/NDF : 1135226.2/7

In: 2329.265+/-1.504 χ^2/NDF : 660021.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2348.523+/-1.058 χ^2/NDF : 1135226.2/7

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -790.226+/-1581.616 χ^2/NDF : 2.7/2

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

Right Out: -1688.436+/-1547.806 χ^2/NDF : 4.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

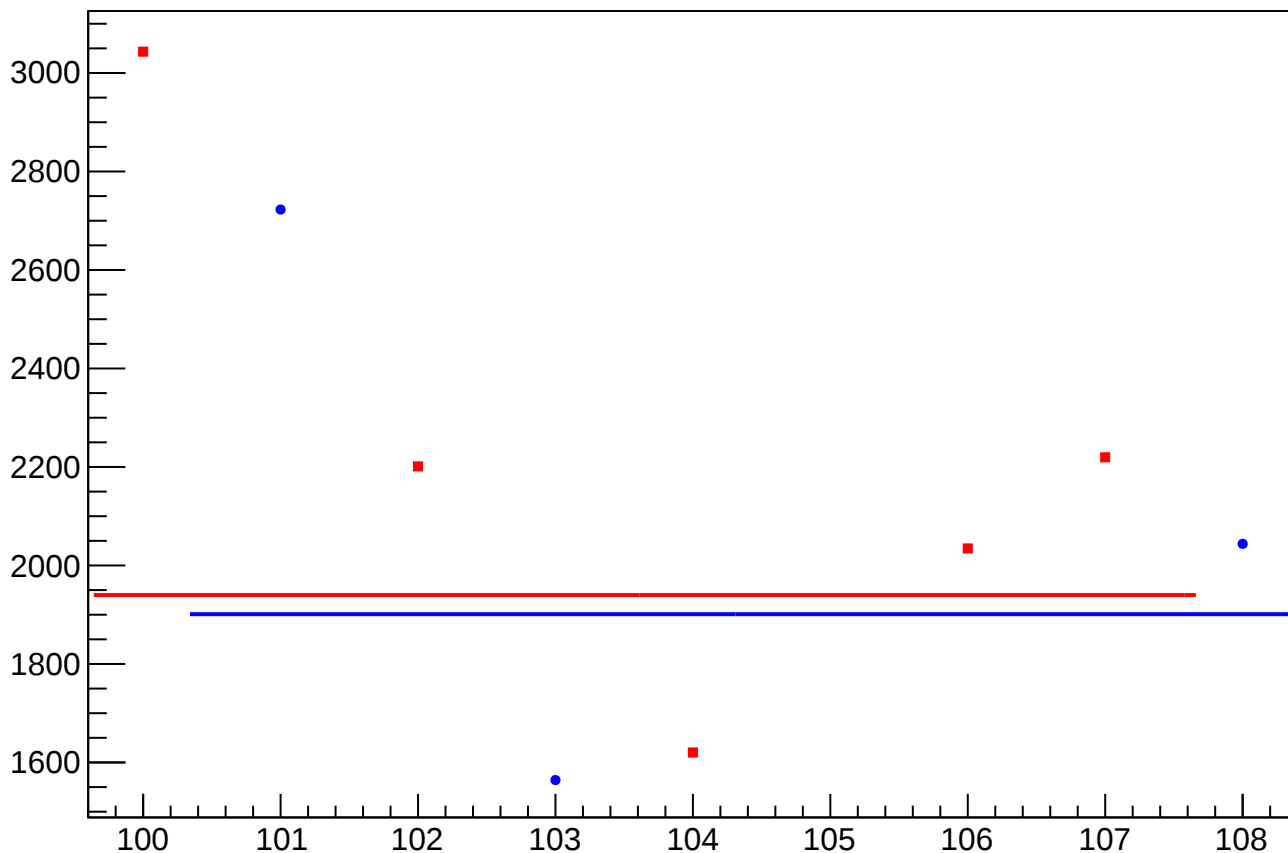
Right: -1249.034+/-1106.224 χ^2/NDF : 7.6/7

In: -790.226+/-1581.616 χ^2/NDF : 2.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1249.034+/-1106.224 χ^2/NDF : 7.6/7

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1901.088+/-1.118 χ^2/NDF : 163383.6/2

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

Right Out: 1939.913+/-1.087 χ^2/NDF : 82319.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

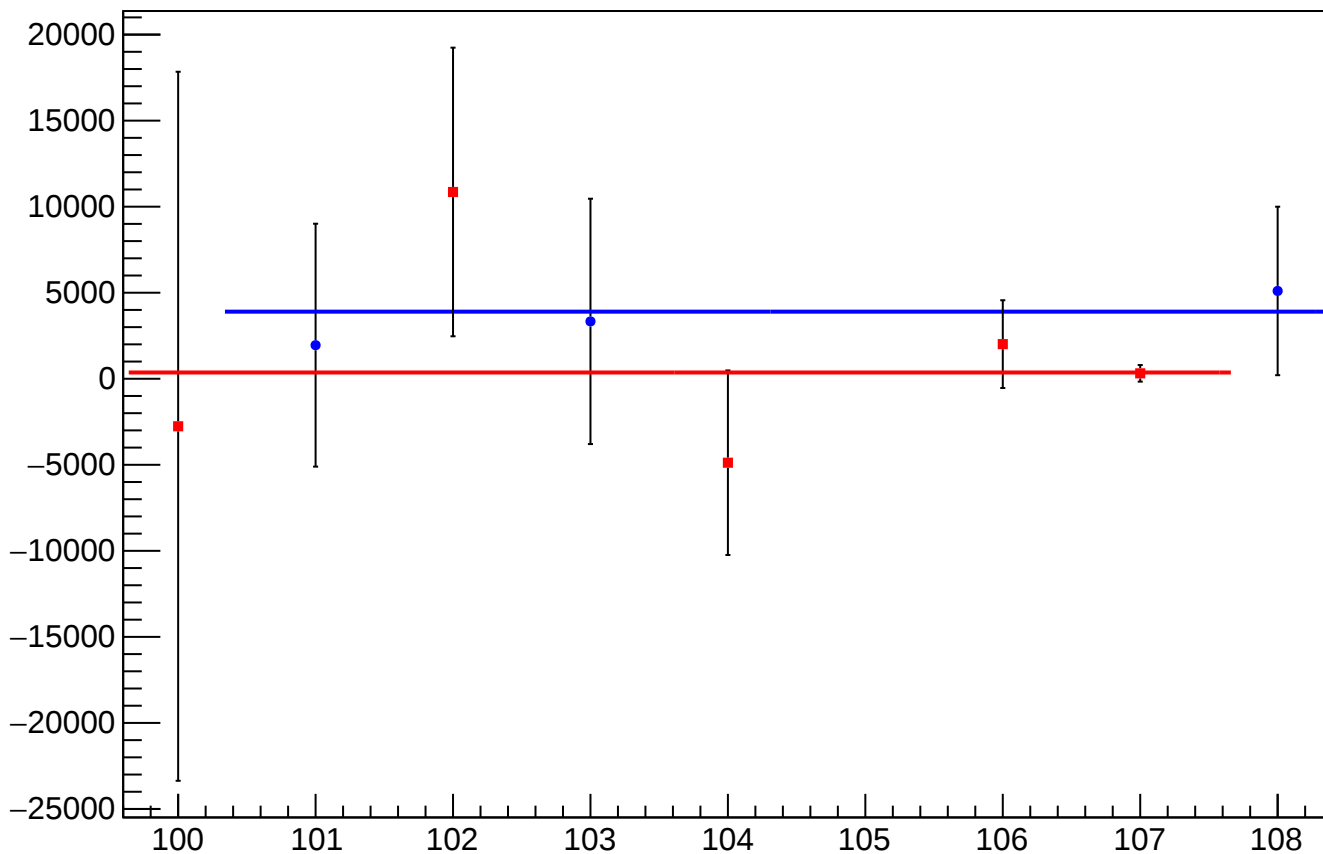
Right: 1921.053+/-0.779 χ^2/NDF : 246323.3/7

In: 1901.088+/-1.118 χ^2/NDF : 163383.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1921.053+/-0.779 χ^2/NDF : 246323.3/7

asym_atl1r2_dd_correction_mean vs Slug, Sign Corrected



Right In: 3899.834+/-3503.342 χ^2 /NDF: 0.1/2

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

Right Out: 364.642+/-470.712 χ^2 /NDF: 3.0/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

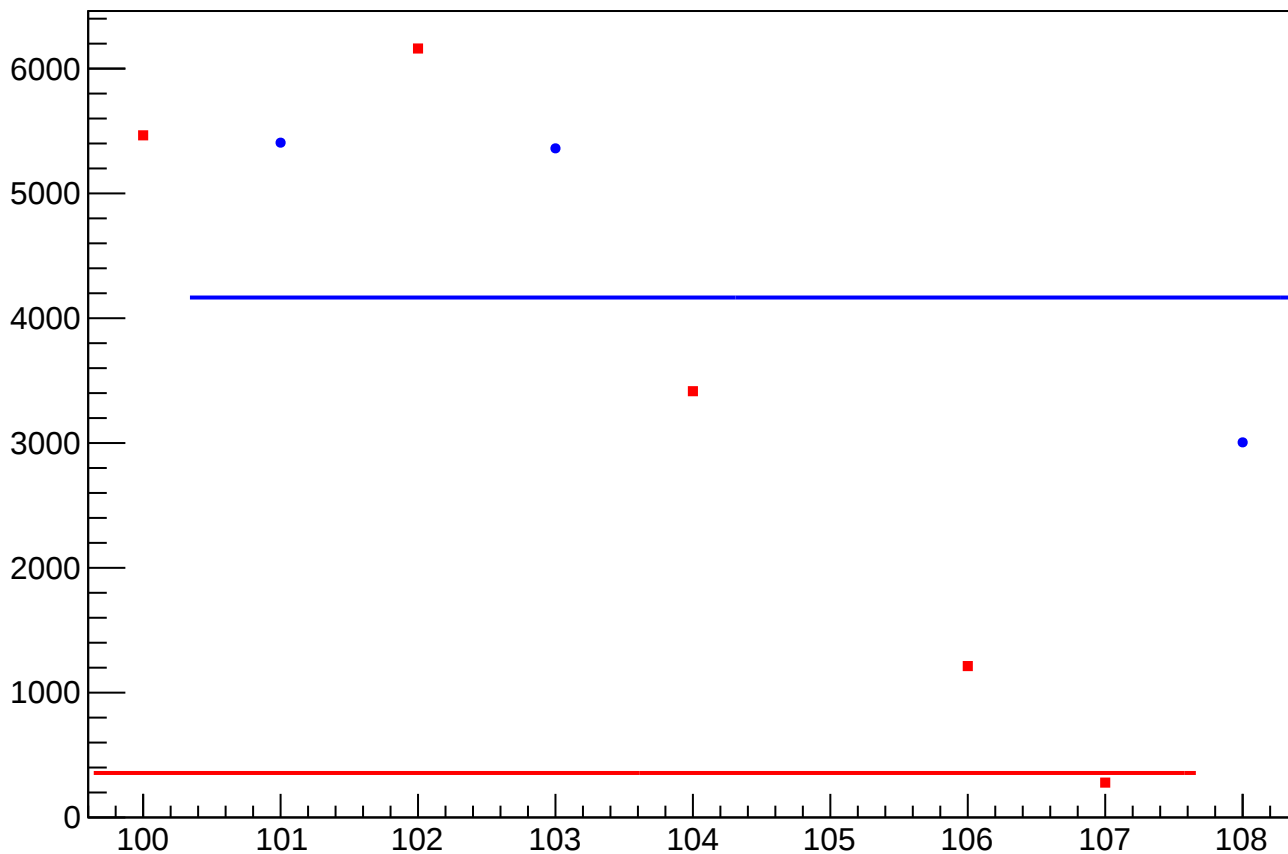
Right: 427.331+/-466.520 χ^2 /NDF: 4.1/7

In: 3899.834+/-3503.342 χ^2 /NDF:0.1/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 427.331+/-466.520 χ^2 /NDF: 4.1/7

asym_atl1r2_dd_correction_rms vs Slug, Sign Corrected



Right In: 4165.861+/-2.477 χ^2/NDF : 230421.2/2

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

Right Out: 356.373+/-0.333 χ^2/NDF : 2008884.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

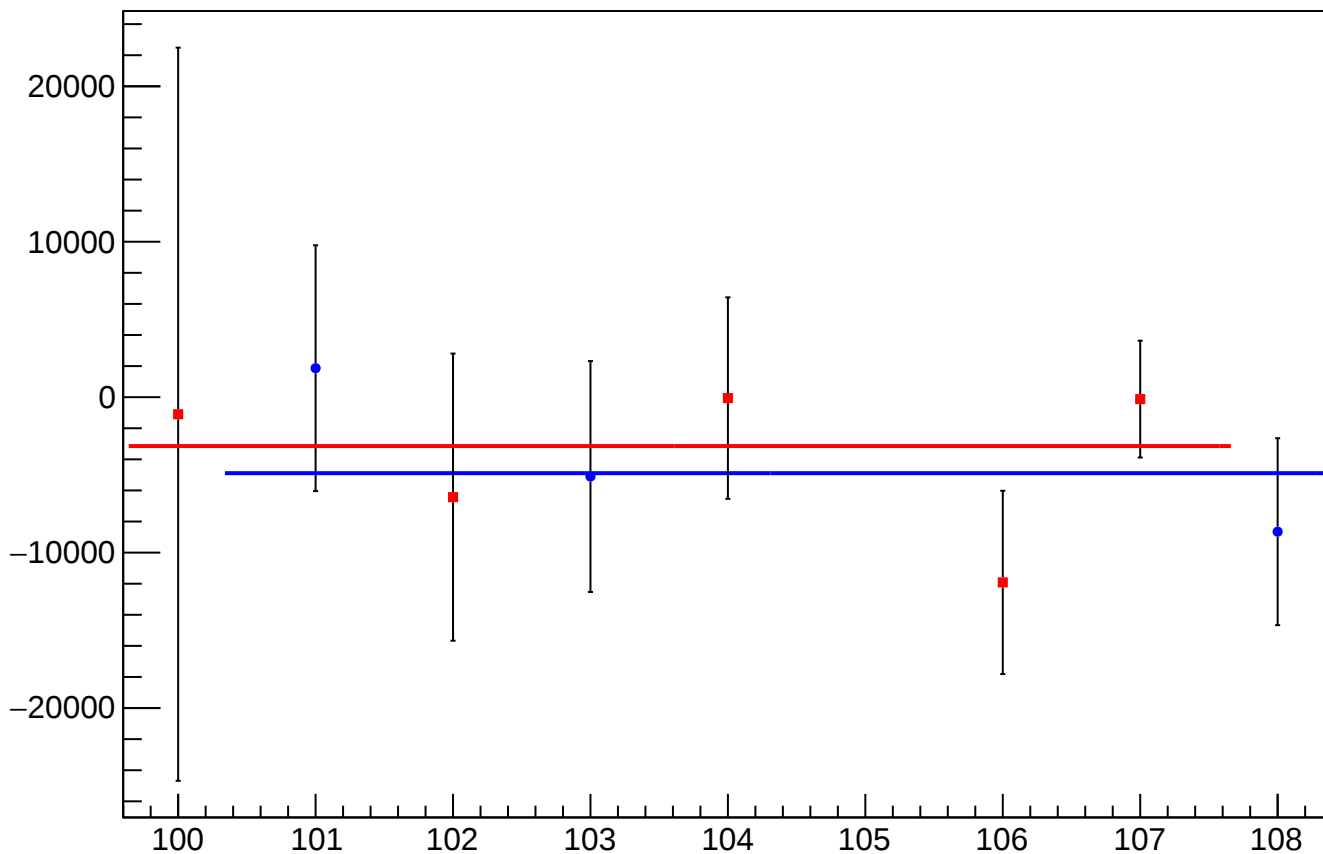
Right: 423.926+/-0.330 χ^2/NDF : 4562190.6/7

In: 4165.861+/-2.477 χ^2/NDF : 230421.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.926+/-0.330 χ^2/NDF : 4562190.6/7

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -4888.996+/-4023.830 χ^2/NDF : 1.1/2

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

Right Out: -3143.560+/-2702.574 χ^2/NDF : 3.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

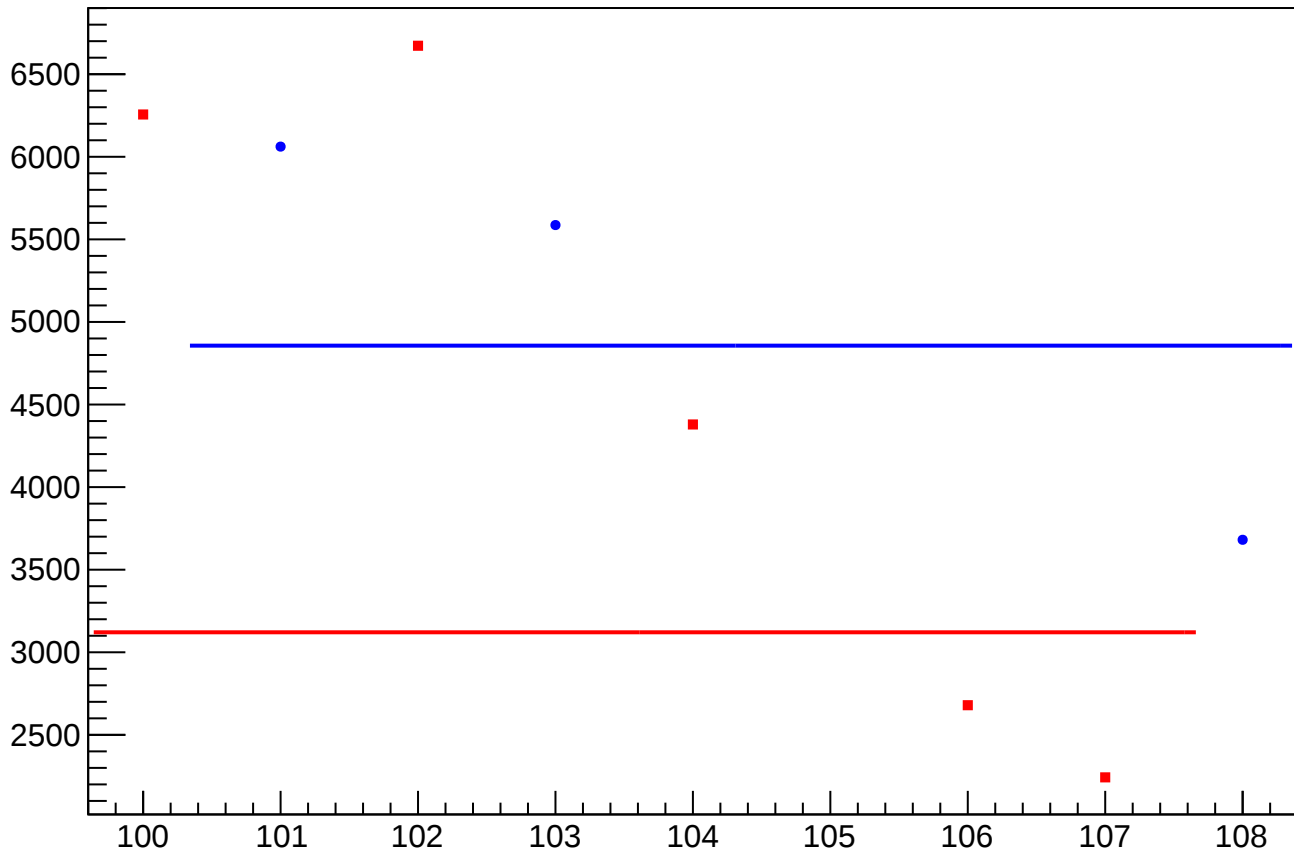
Right: -3686.163+/-2243.512 χ^2/NDF : 4.5/7

In: -4888.996+/-4023.830 χ^2/NDF : 1.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3686.163+/-2243.512 χ^2/NDF : 4.5/7

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 4856.544+/-2.845 χ^2/NDF : 142168.1/2

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

Right Out: 3121.003+/-1.876 χ^2/NDF : 528845.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

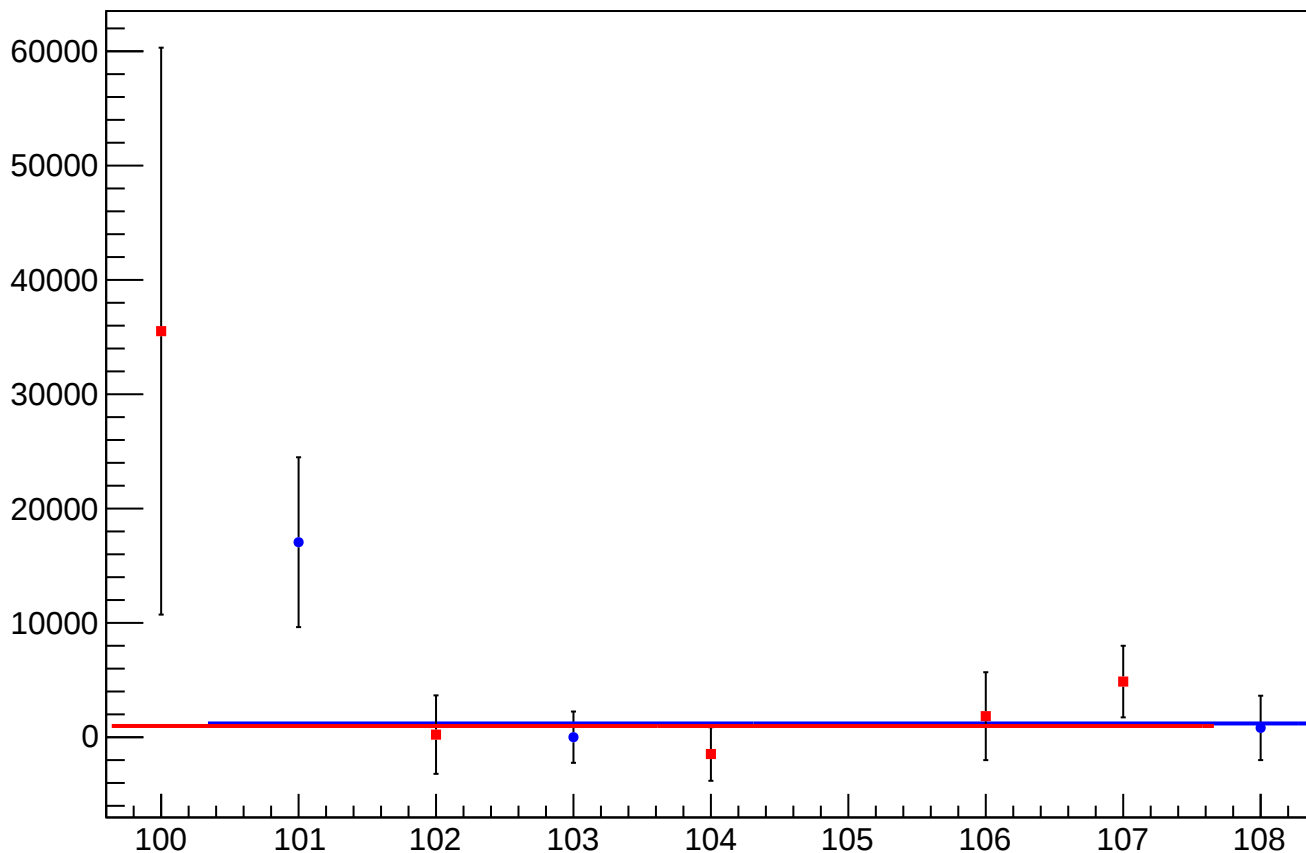
Right: 3646.765+/-1.566 χ^2/NDF : 930367.2/7

In: 4856.544+/-2.845 χ^2/NDF : 142168.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3646.765+/-1.566 χ^2/NDF : 930367.2/7

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1204.119+/-1707.388 χ^2/NDF : 4.9/2

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

Right Out: 983.773+/-1510.501 χ^2/NDF : 4.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

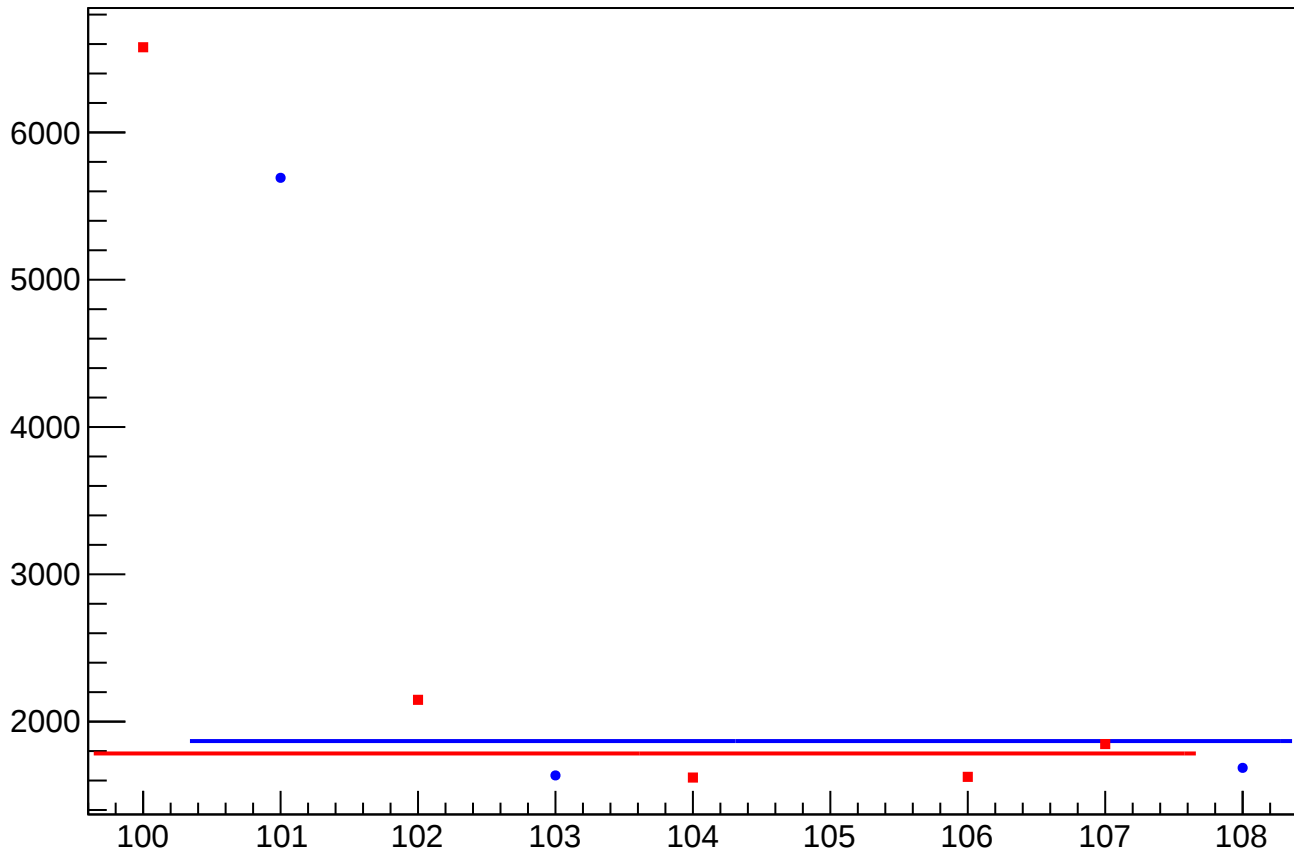
Right: 1080.514+/-1131.321 χ^2/NDF : 9.5/7

In: 1204.119+/-1707.388 χ^2/NDF : 4.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1080.514+/-1131.321 χ^2/NDF : 9.5/7

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1867.957+/-1.207 χ^2/NDF : 560043.4/2

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

Right Out: 1783.765+/-1.034 χ^2/NDF : 112769.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

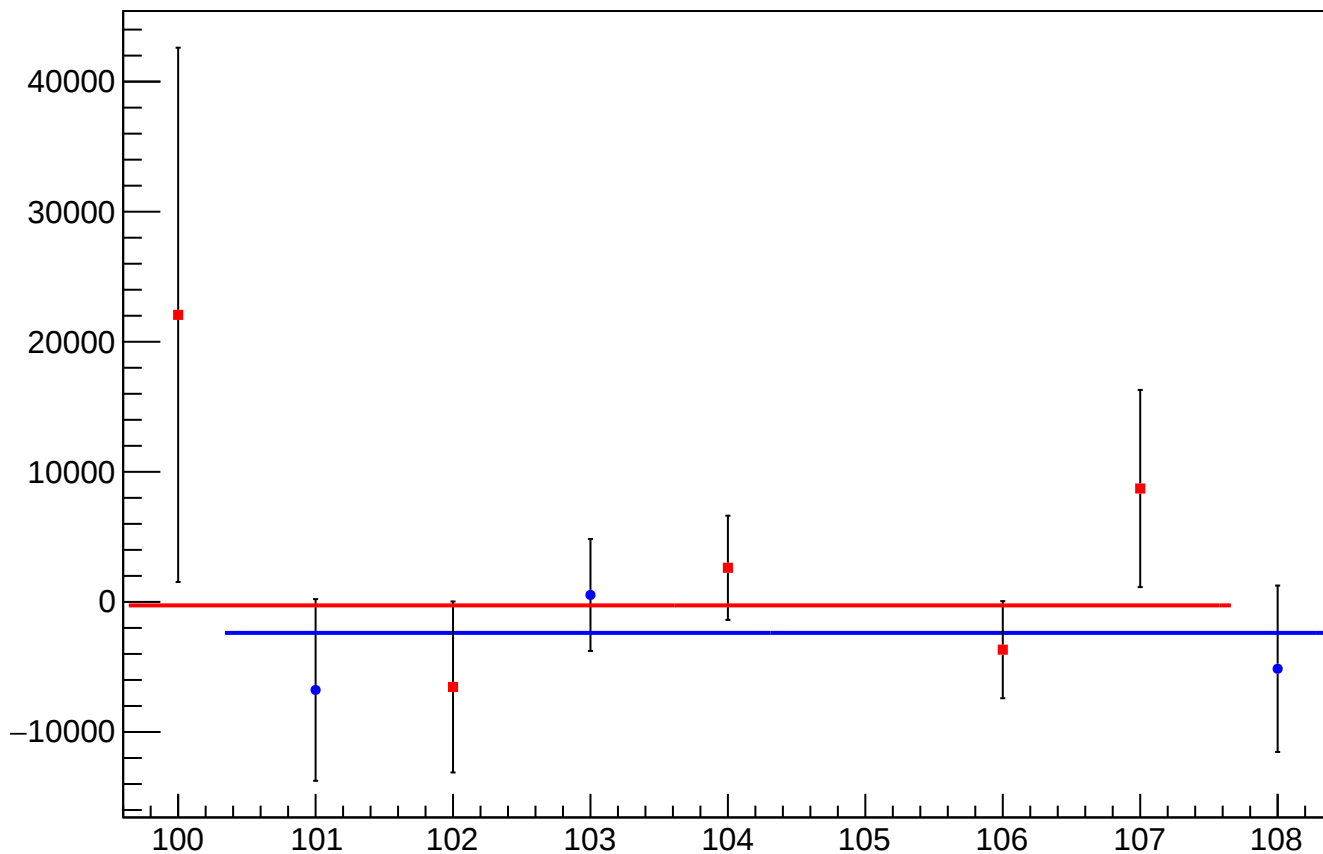
Right: 1819.382+/-0.785 χ^2/NDF : 675618.7/7

In: 1867.957+/-1.207 χ^2/NDF : 560043.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1819.382+/-0.785 χ^2/NDF : 675618.7/7

asym_atr1l2_avg_correction_mean vs Slug, Sign Corrected



Right In: -2381.475+/-3180.036 χ^2/NDF : 1.0/2

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

Right Out: -267.816+/-2376.725 χ^2/NDF : 4.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

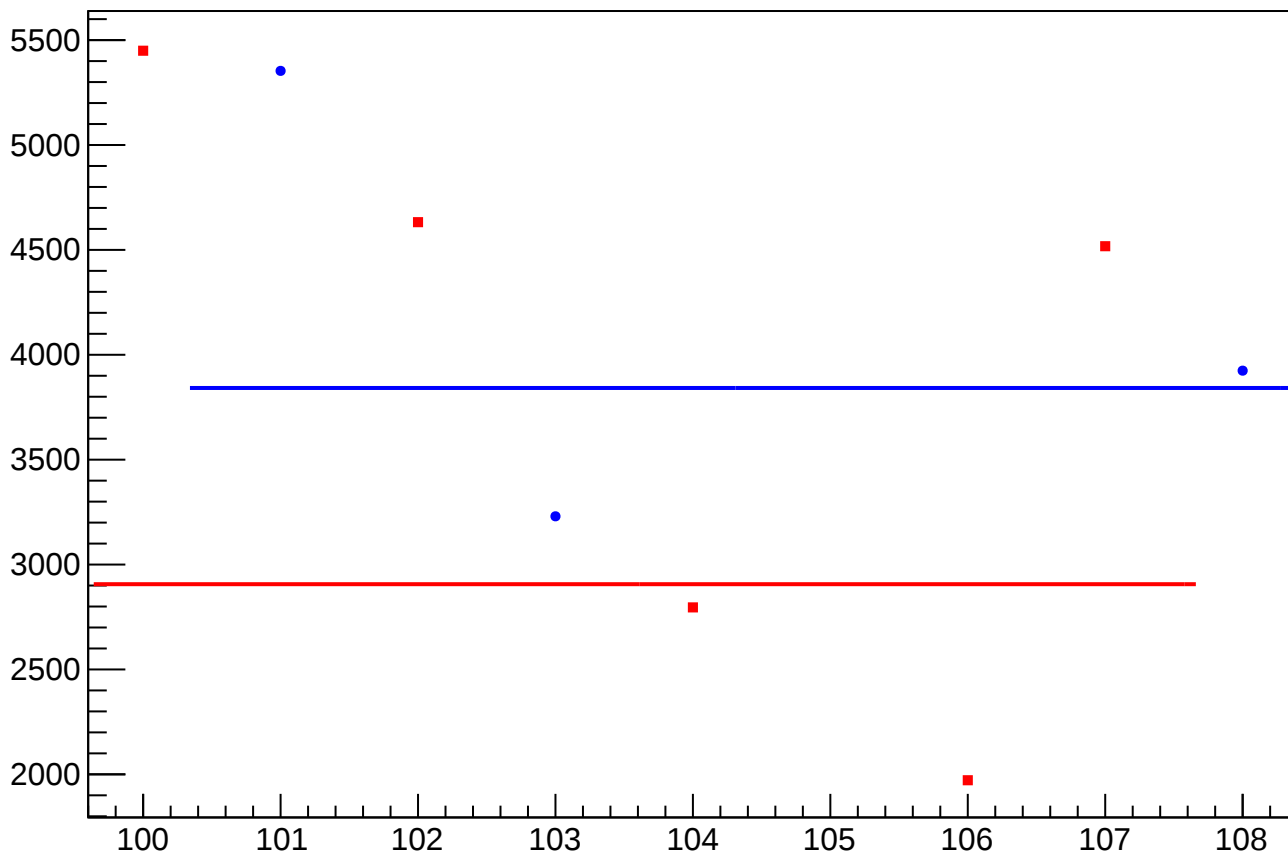
Right: -1025.340+/-1903.763 χ^2/NDF : 6.2/7

In: -2381.475+/-3180.036 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1025.340+/-1903.763 χ^2/NDF : 6.2/7

asym_atr1l2_avg_correction_rms vs Slug, Sign Corrected



Right In: 3841.791+/-2.249 χ^2/NDF : 134385.9/2

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

Right Out: 2906.454+/-1.681 χ^2/NDF : 385749.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

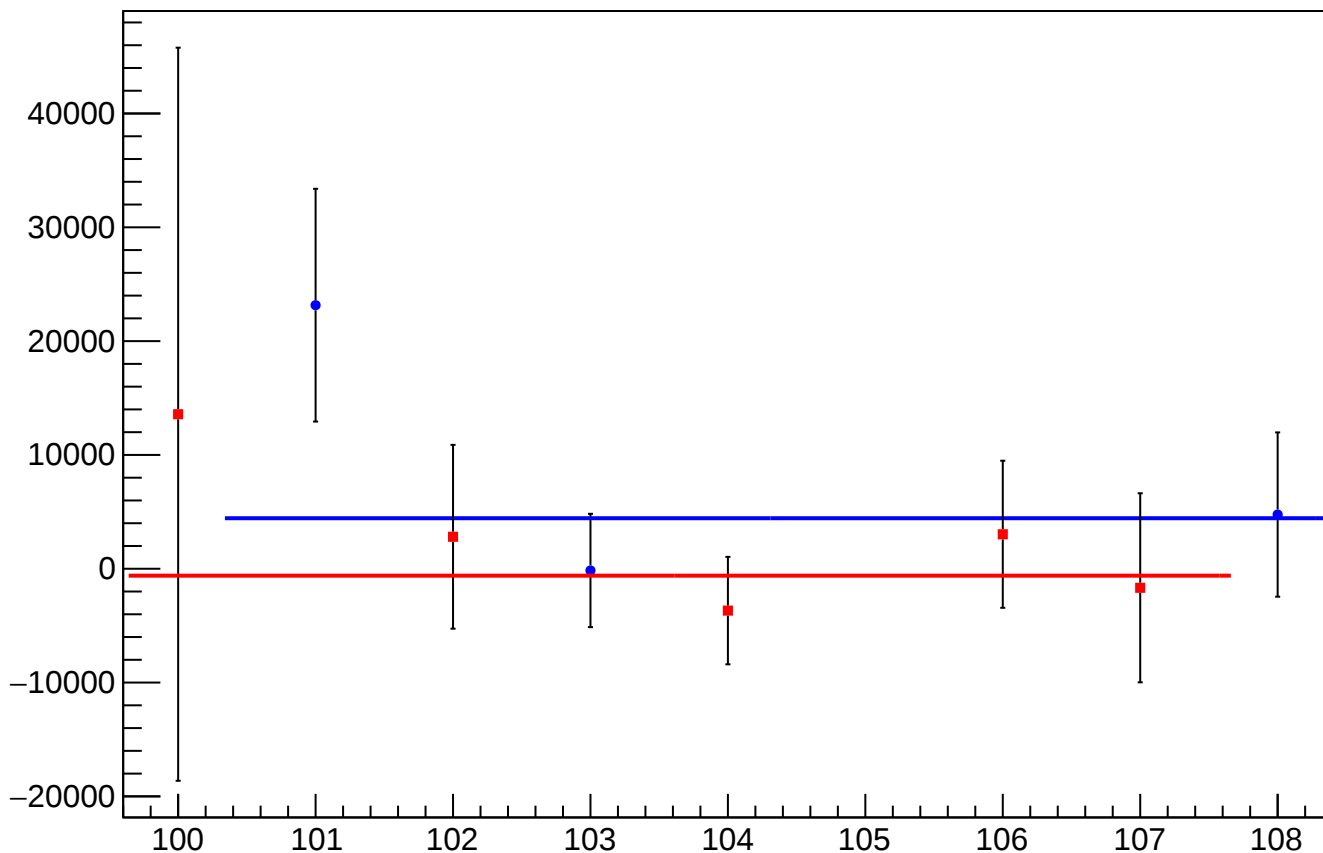
Right: 3241.674+/-1.346 χ^2/NDF : 631147.4/7

In: 3841.791+/-2.249 χ^2/NDF : 134385.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3241.674+/-1.346 χ^2/NDF : 631147.4/7

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 4439.601+/-3804.411 χ^2/NDF : 4.2/2

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

Right Out: -607.675+/-3168.361 χ^2/NDF : 1.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

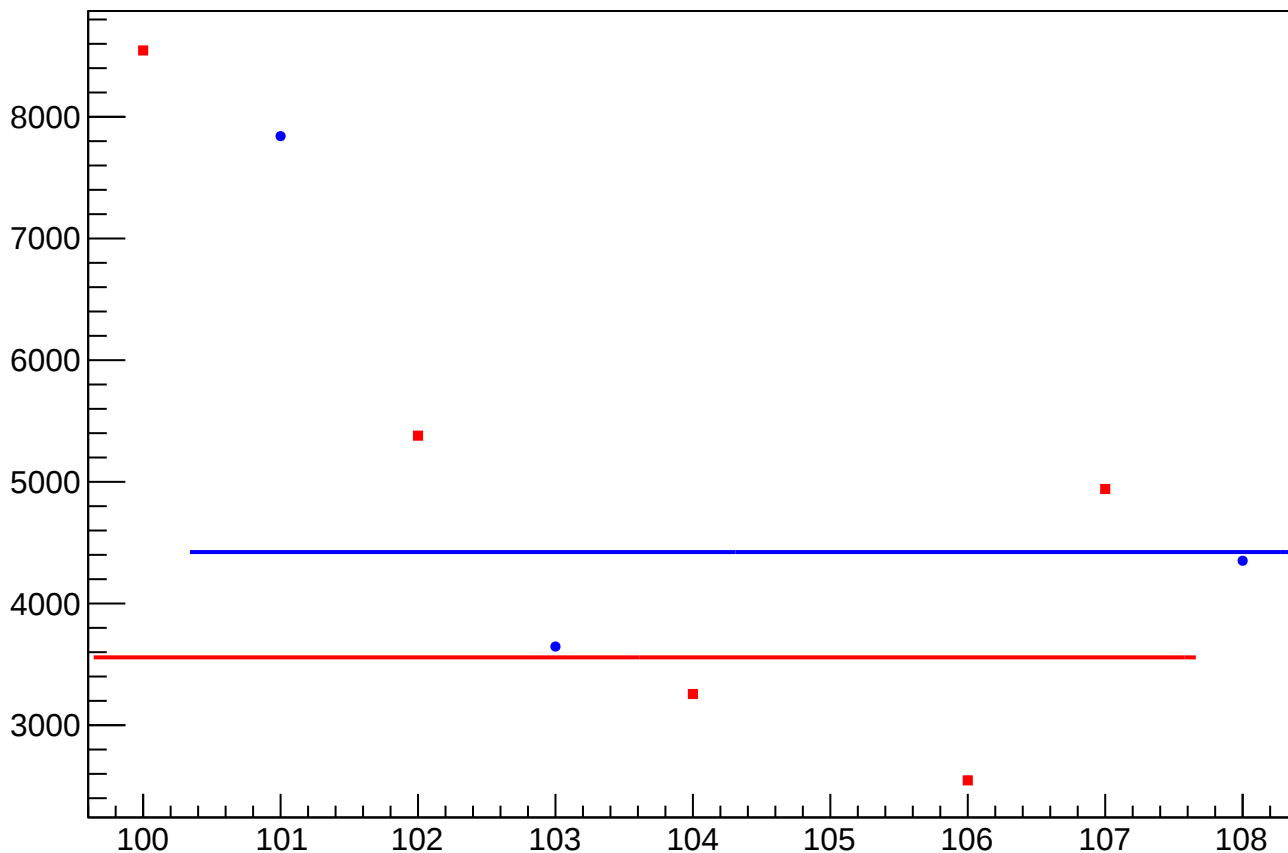
Right: 1459.354+/-2434.626 χ^2/NDF : 6.4/7

In: 4439.601+/-3804.411 χ^2/NDF : 4.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1459.354+/-2434.626 χ^2/NDF : 6.4/7

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 4422.912+/-2.690 χ^2/NDF : 272331.6/2

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

Right Out: 3557.535+/-2.089 χ^2/NDF : 292906.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

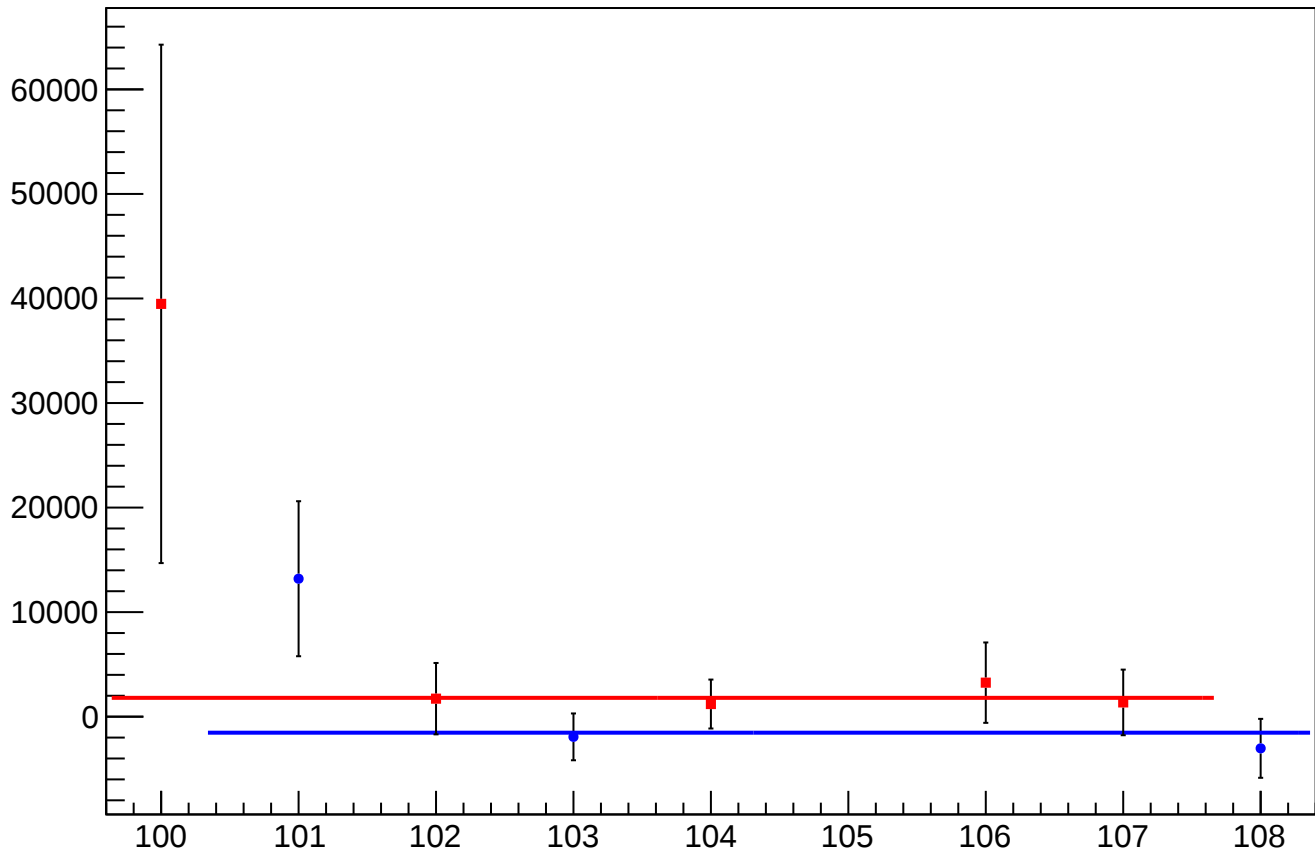
Right: 3883.150+/-1.650 χ^2/NDF : 629788.3/7

In: 4422.912+/-2.690 χ^2/NDF : 272331.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3883.150+/-1.650 χ^2/NDF : 629788.3/7

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -1532.256+/-1706.047 χ^2/NDF : 4.3/2

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

Right Out: 1801.025+/-1508.884 χ^2/NDF : 2.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

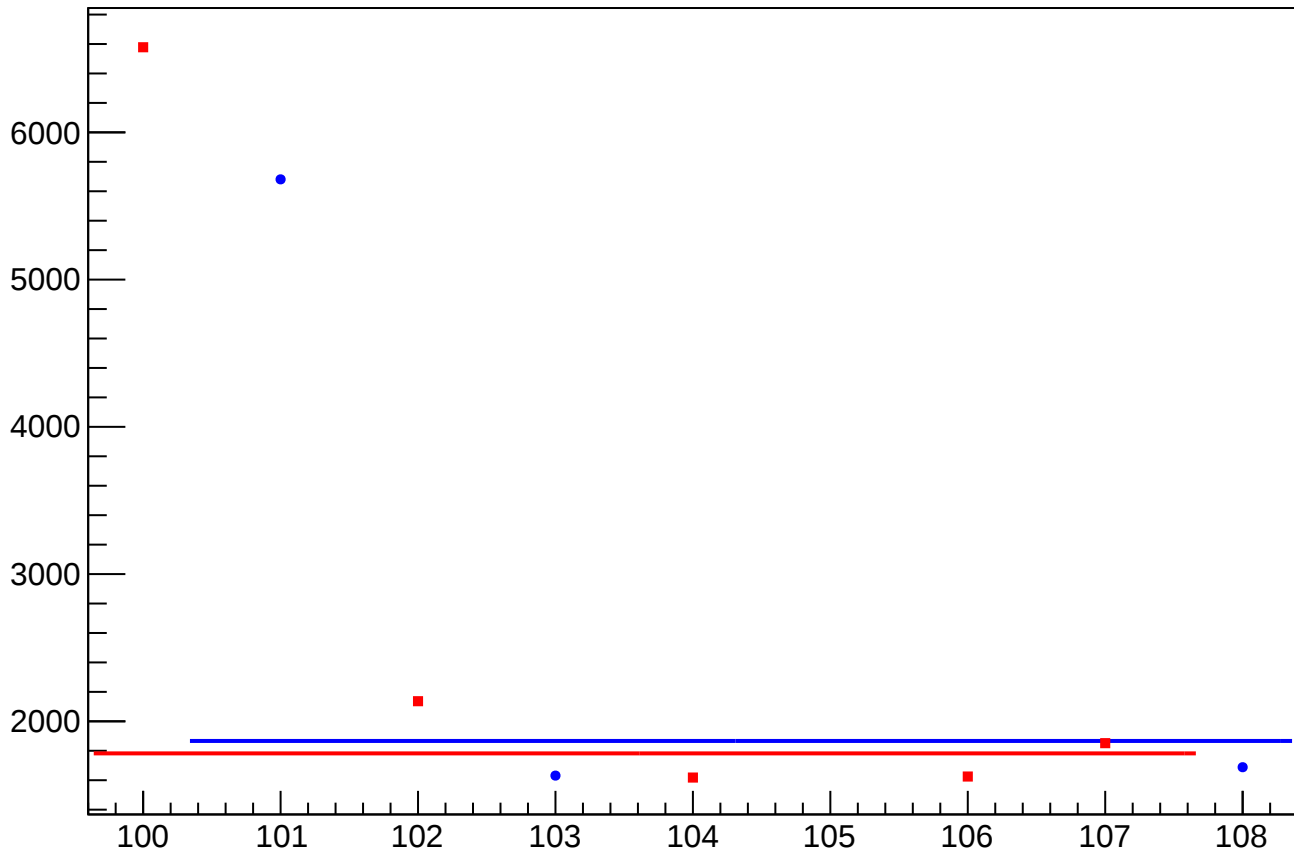
Right: 338.039+/-1130.251 χ^2/NDF : 8.9/7

In: -1532.256+/-1706.047 χ^2/NDF : 4.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 338.039+/-1130.251 χ^2/NDF : 8.9/7

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1866.670+/-1.206 χ^2/NDF : 559458.7/2

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

Right Out: 1782.249+/-1.033 χ^2/NDF : 111997.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

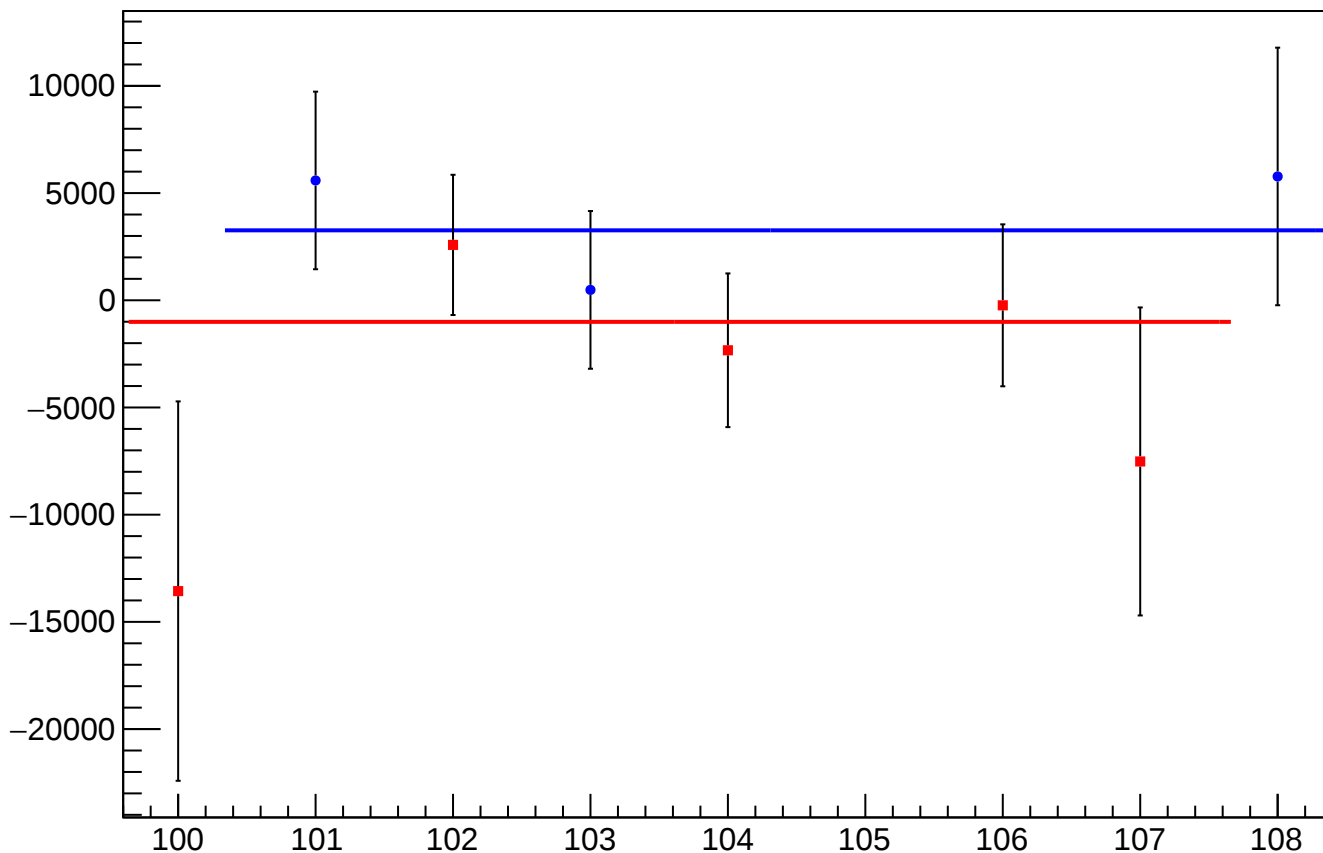
Right: 1817.954+/-0.785 χ^2/NDF : 674282.3/7

In: 1866.670+/-1.206 χ^2/NDF : 559458.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1817.954+/-0.785 χ^2/NDF : 674282.3/7

asym_atr1l2_dd_correction_mean vs Slug, Sign Corrected



Right In: 3262.186+/-2500.505 χ^2/NDF : 1.1/2

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

Right Out: -1006.607+/-1911.840 χ^2/NDF : 4.2/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

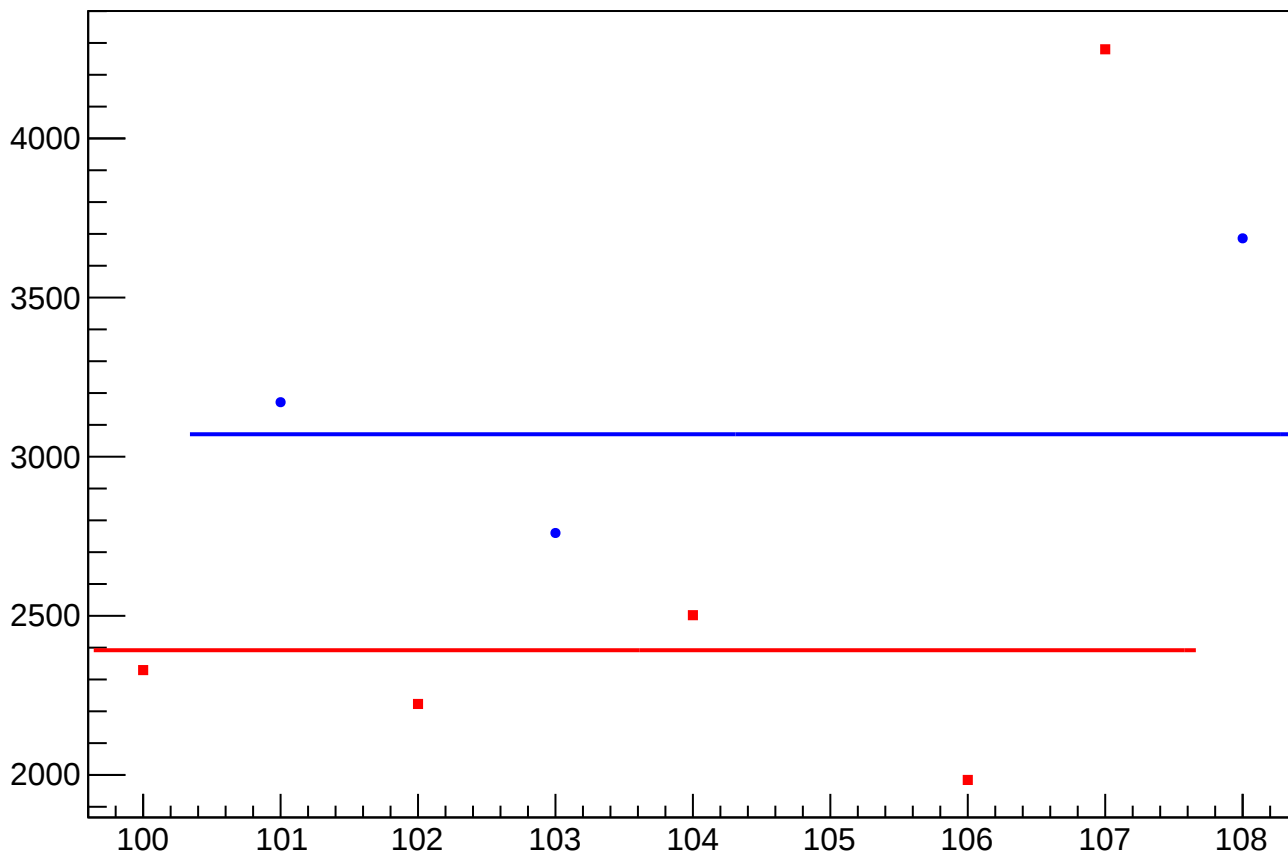
Right: 568.236+/-1518.776 χ^2/NDF : 7.1/7

In: 3262.186+/-2500.505 χ^2/NDF :1.1/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 568.236+/-1518.776 χ^2/NDF : 7.1/7

asym_atr1l2_dd_correction_rms vs Slug, Sign Corrected



Right In: 3070.537 $\pm$ 1.768 χ^2 /NDF: 36414.2/2

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

Right Out: 2391.926 $\pm$ 1.352 χ^2 /NDF: 168799.0/4

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

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

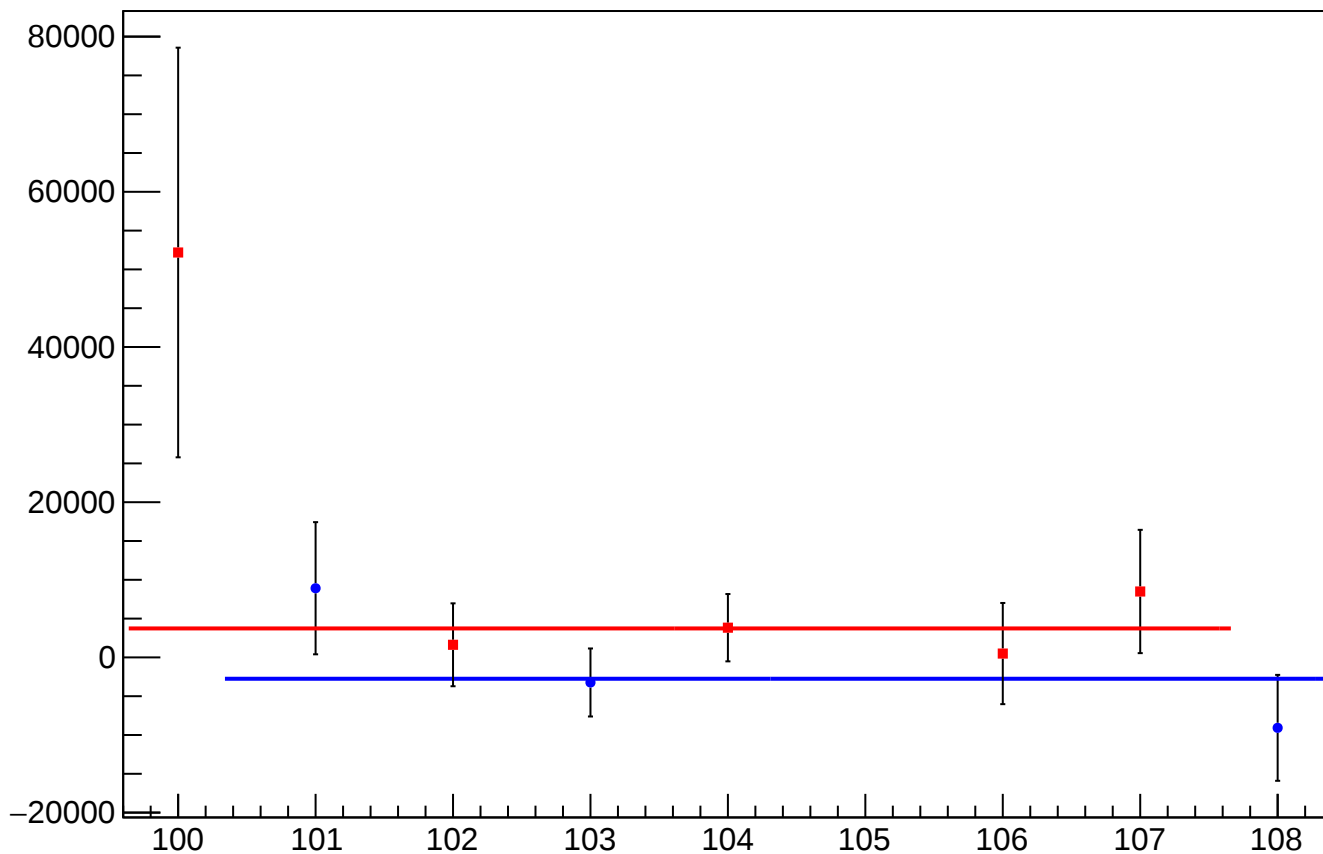
Right: 2642.279 $\pm$ 1.074 χ^2 /NDF: 298174.4/7

In: 3070.537 $\pm$ 1.768 χ^2 /NDF:36414.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2642.279 $\pm$ 1.074 χ^2 /NDF: 298174.4/7

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -2751.872+/-3383.950 χ^2/NDF : 2.7/2

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

Right Out: 3732.434+/-2784.389 χ^2/NDF : 4.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

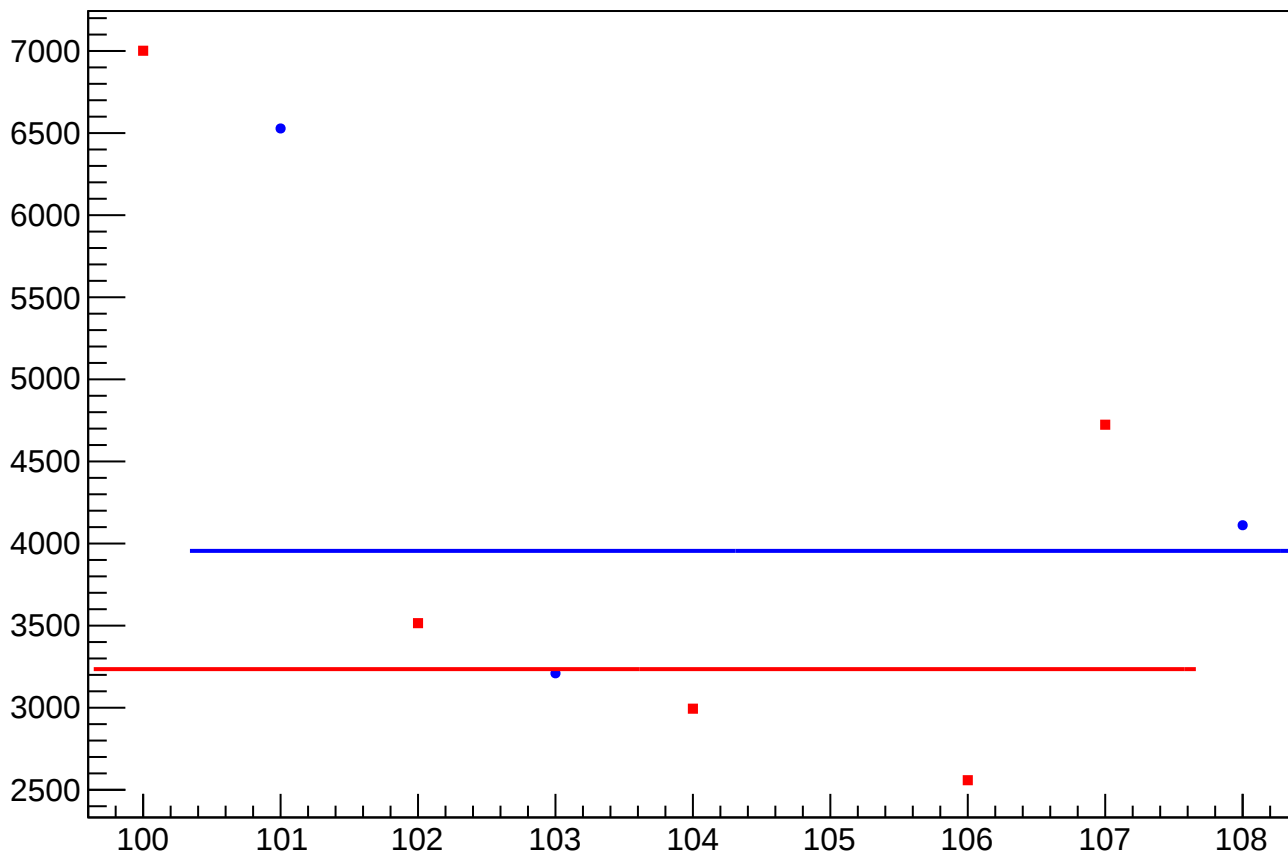
Right: 1114.655+/-2150.100 χ^2/NDF : 9.1/7

In: -2751.872+/-3383.950 χ^2/NDF : 2.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1114.655+/-2150.100 χ^2/NDF : 9.1/7

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3955.279+/-2.393 χ^2/NDF : 241499.9/2

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

Right Out: 3235.091+/-1.864 χ^2/NDF : 157807.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

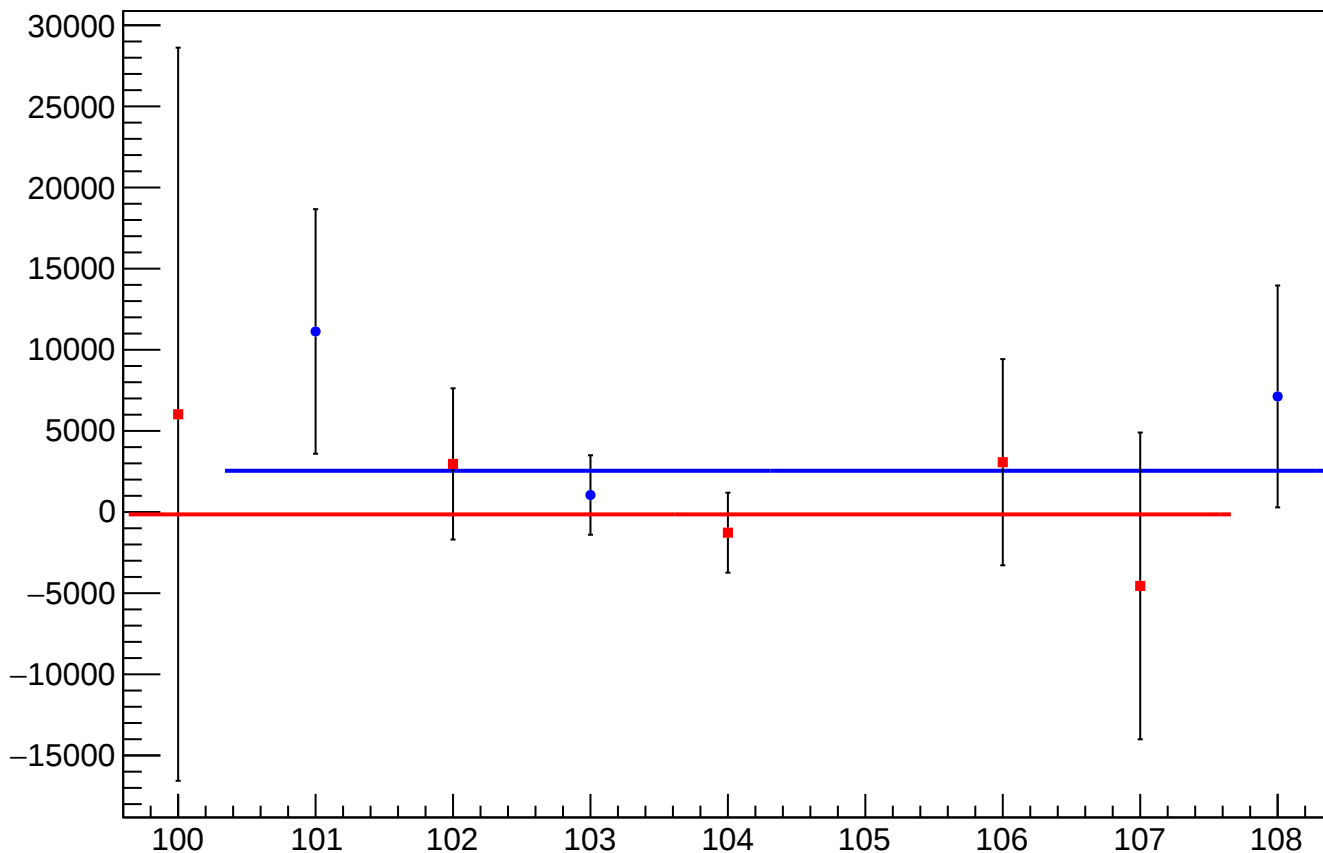
Right: 3507.078+/-1.470 χ^2/NDF : 455687.5/7

In: 3955.279+/-2.393 χ^2/NDF : 241499.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3507.078+/-1.470 χ^2/NDF : 455687.5/7

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2543.530+/-2204.522 χ^2/NDF : 2.1/2

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

Right Out: -143.990+/-2006.062 χ^2/NDF : 1.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

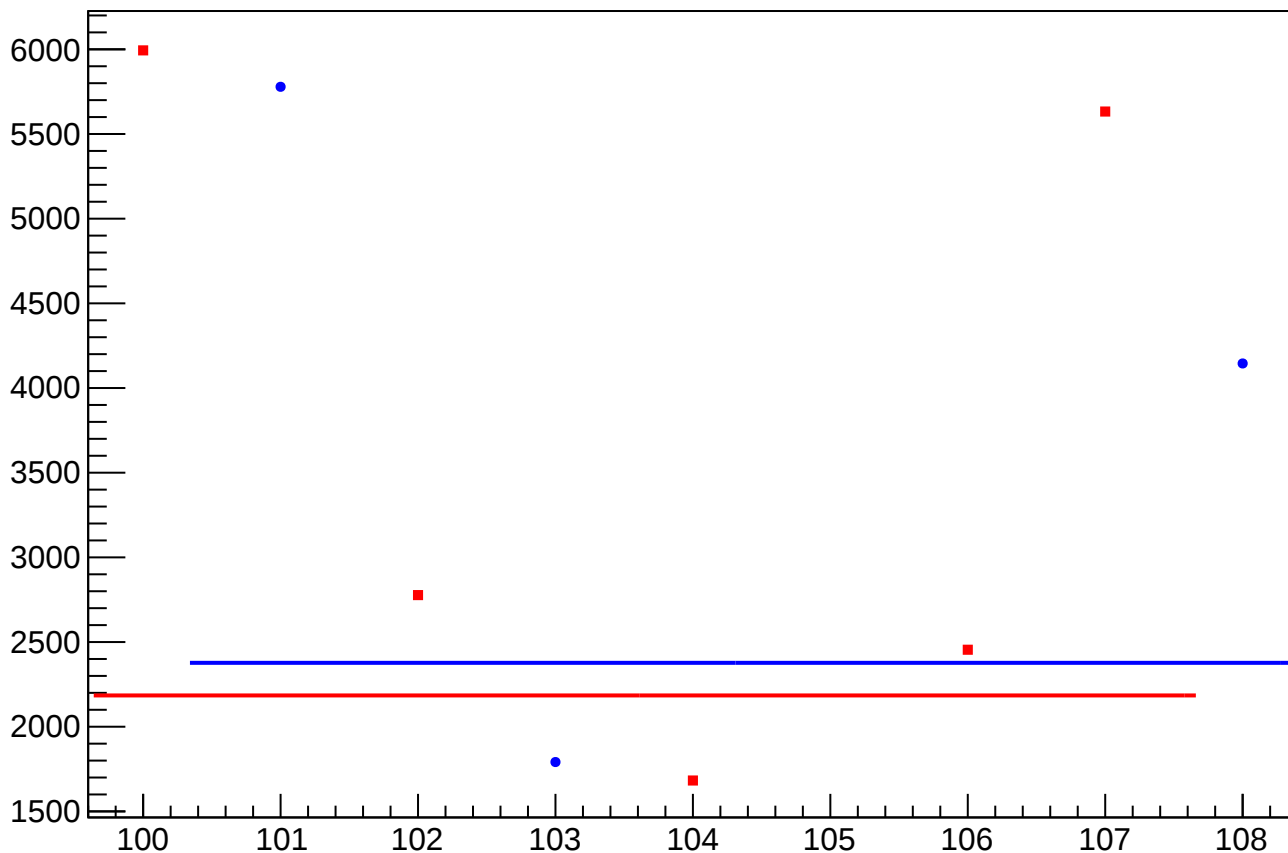
Right: 1073.378+/-1483.712 χ^2/NDF : 4.1/7

In: 2543.530+/-2204.522 χ^2/NDF : 2.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1073.378+/-1483.712 χ^2/NDF : 4.1/7

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2377.281+/-1.559 χ^2/NDF : 655624.8/2

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

Right Out: 2184.717+/-1.392 χ^2/NDF : 443320.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

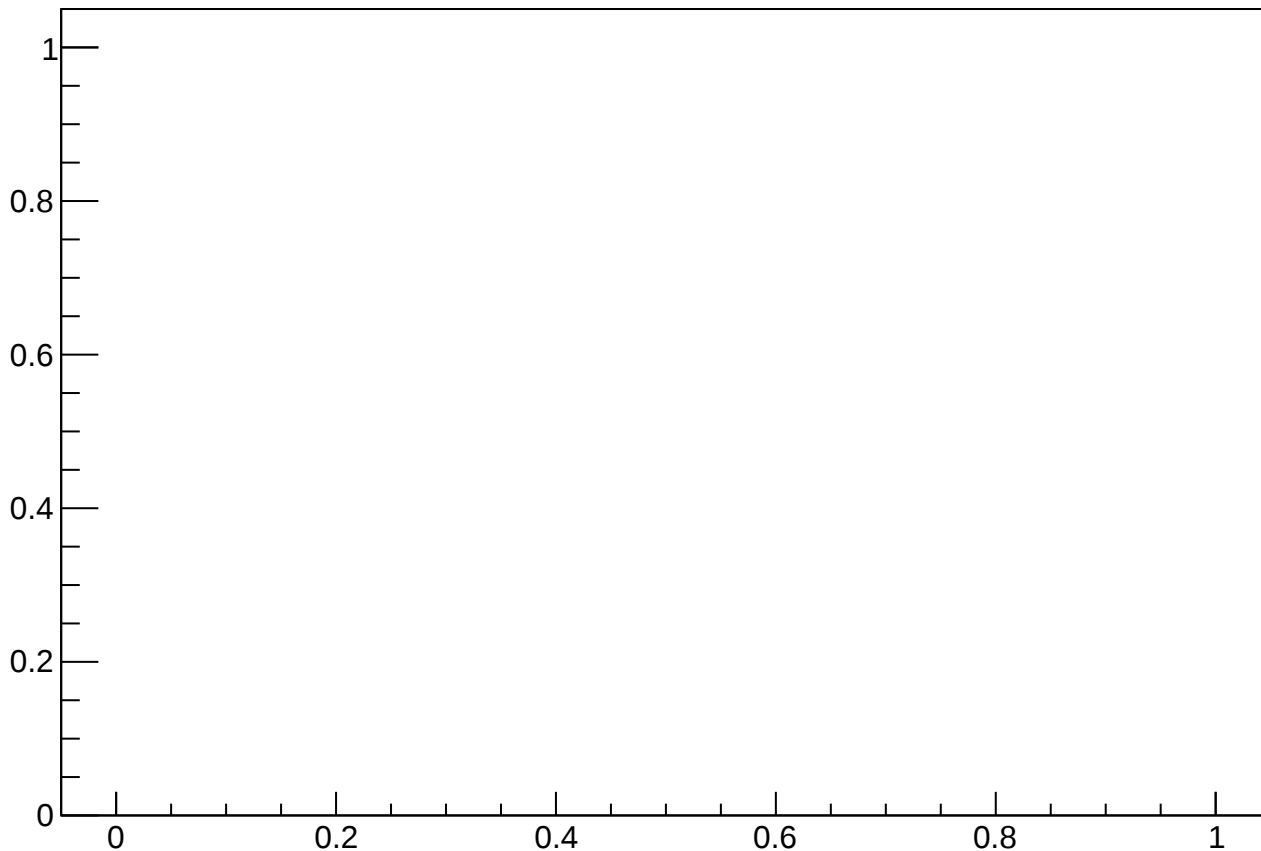
Right: 2270.124+/-1.038 χ^2/NDF : 1107437.9/7

In: 2377.281+/-1.559 χ^2/NDF : 655624.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2270.124+/-1.038 χ^2/NDF : 1107437.9/7

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

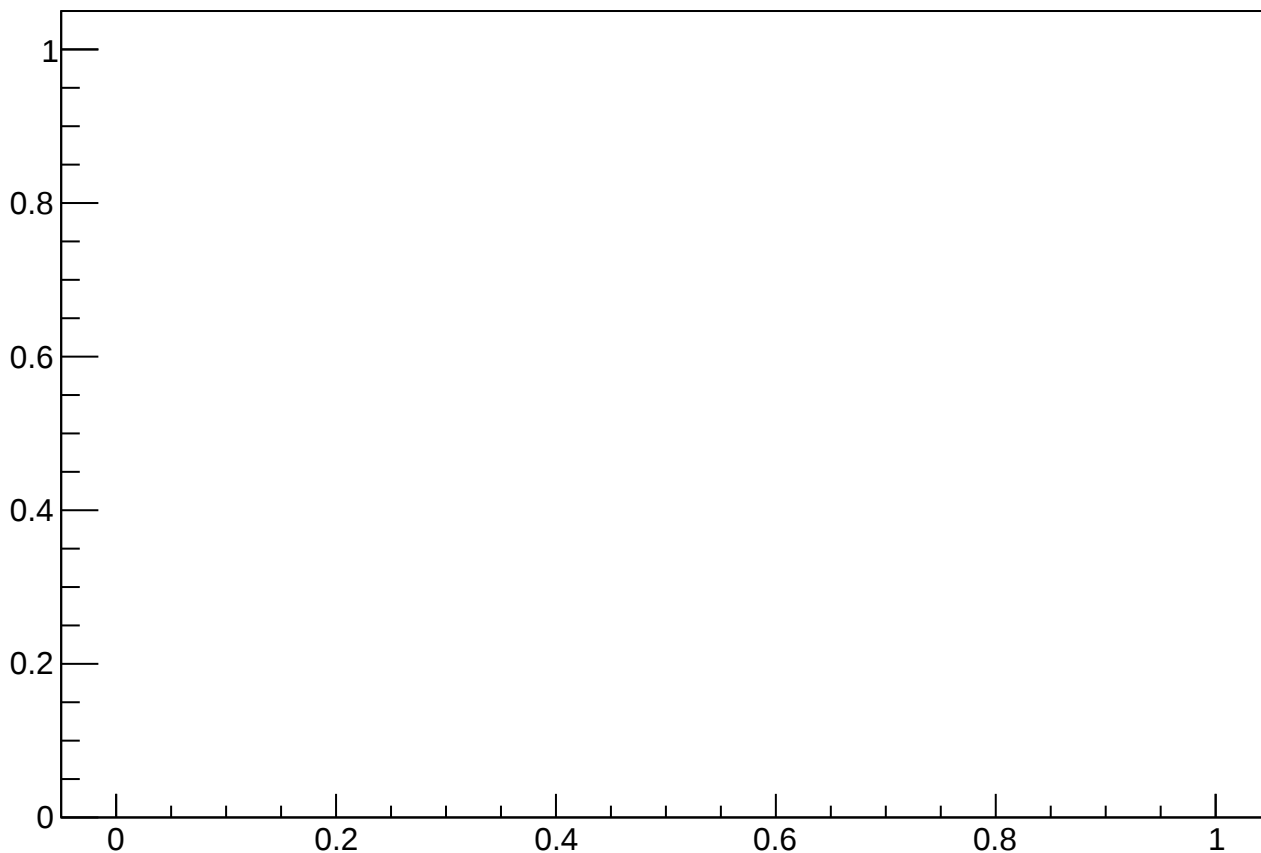
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

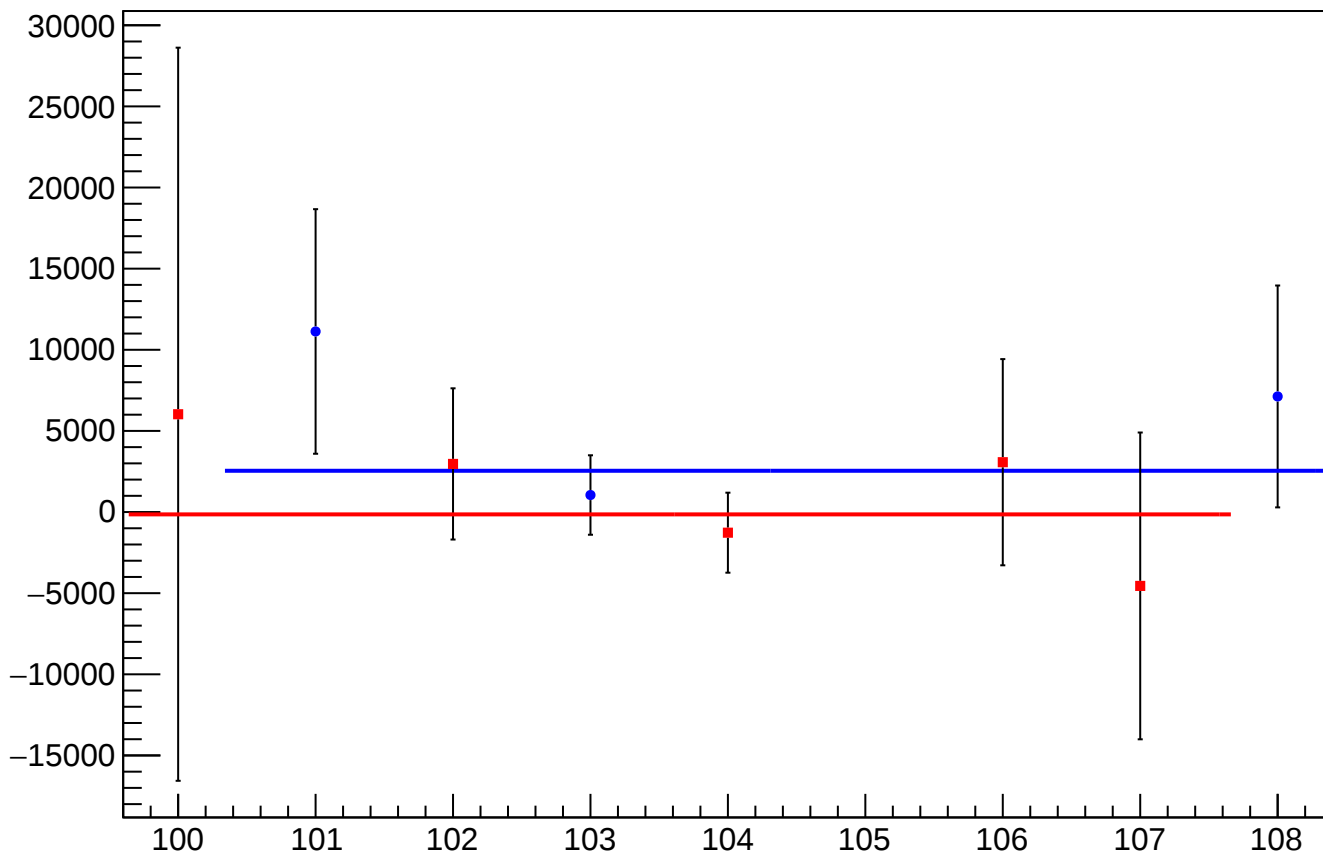
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 2543.530+/-2204.522 χ^2/NDF : 2.1/2

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

Right Out: -143.990+/-2006.062 χ^2/NDF : 1.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

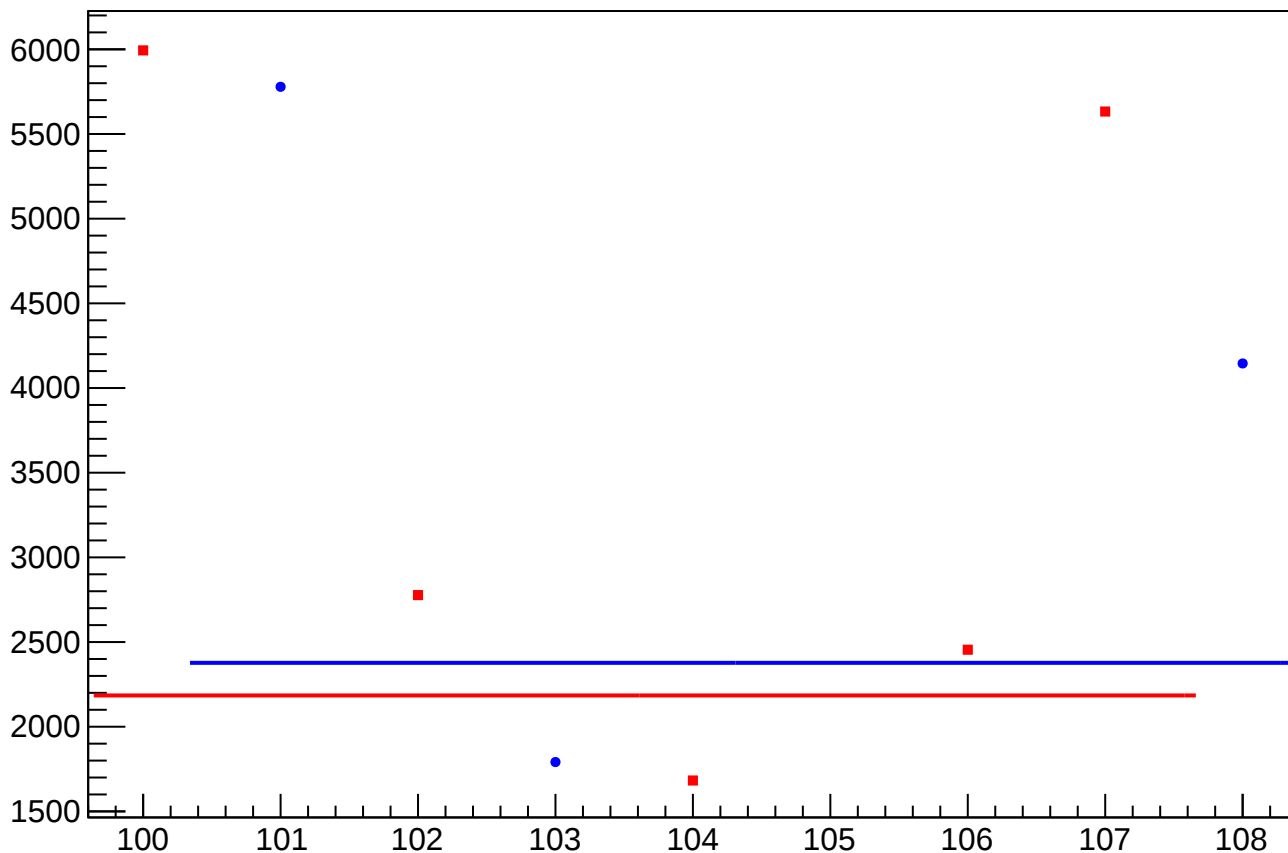
Right: 1073.378+/-1483.712 χ^2/NDF : 4.1/7

In: 2543.530+/-2204.522 χ^2/NDF : 2.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1073.378+/-1483.712 χ^2/NDF : 4.1/7

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2377.281+/-1.559 χ^2/NDF : 655624.8/2

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

Right Out: 2184.717+/-1.392 χ^2/NDF : 443320.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

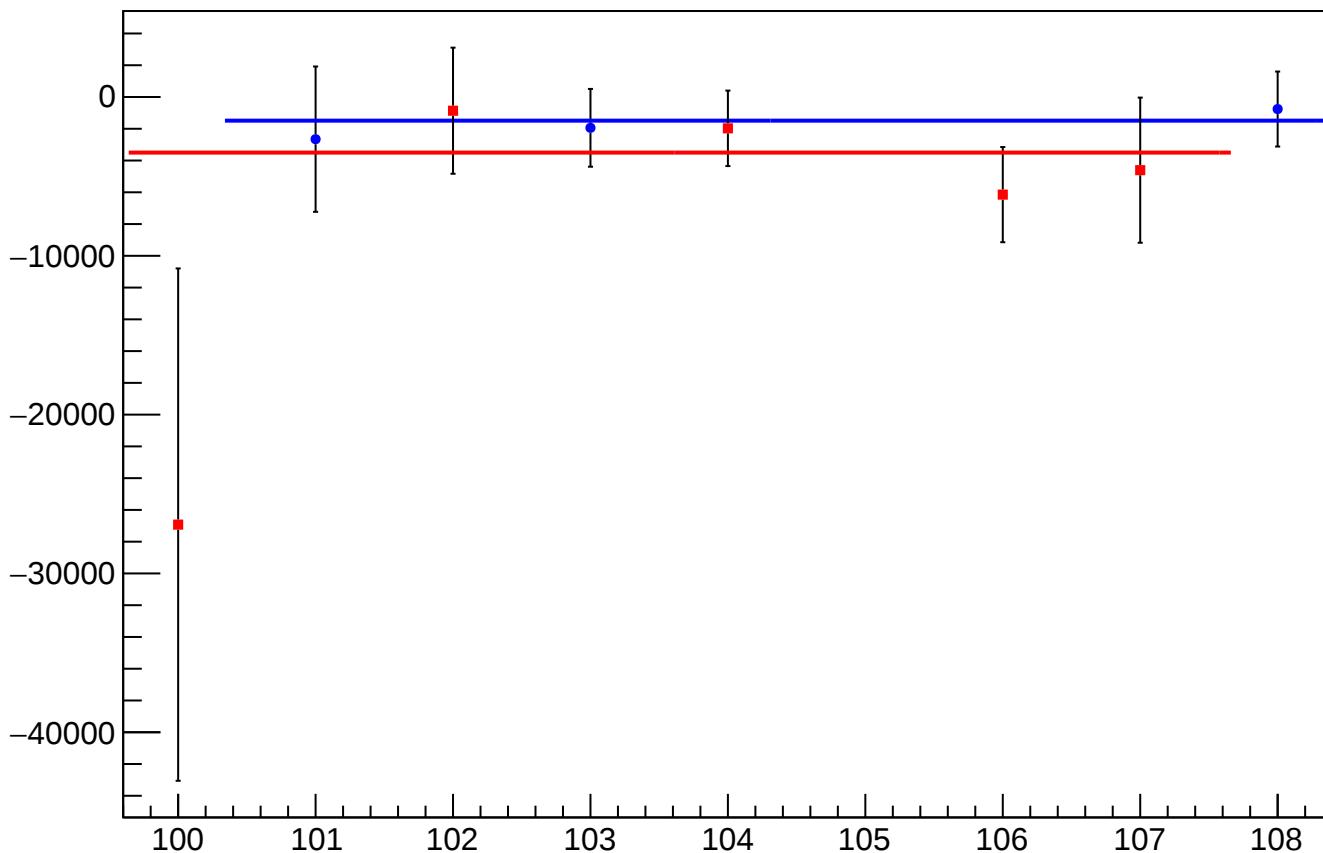
Right: 2270.124+/-1.038 χ^2/NDF : 1107437.9/7

In: 2377.281+/-1.559 χ^2/NDF : 655624.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2270.124+/-1.038 χ^2/NDF : 1107437.9/7

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1488.764+/-1593.435 χ^2 /NDF: 0.2/2

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

Right Out: -3500.155+/-1573.923 χ^2 /NDF: 3.8/4

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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

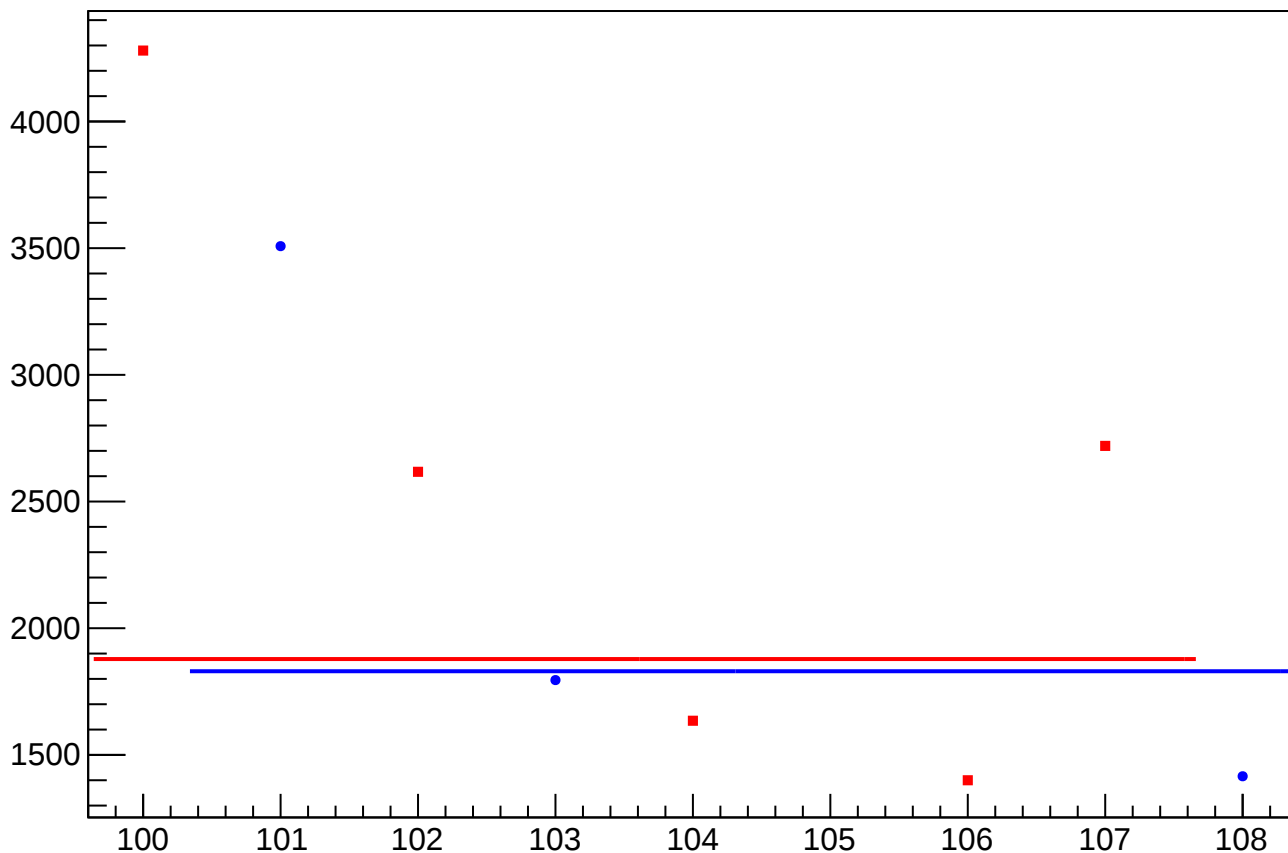
Right: -2506.849+/-1119.766 χ^2 /NDF: 4.8/7

In: -1488.764+/-1593.435 χ^2 /NDF: 0.2/2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2506.849+/-1119.766 χ^2 /NDF: 4.8/7

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1830.215+/-1.127 χ^2/NDF : 331014.2/2

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

Right Out: 1878.326+/-1.113 χ^2/NDF : 253409.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

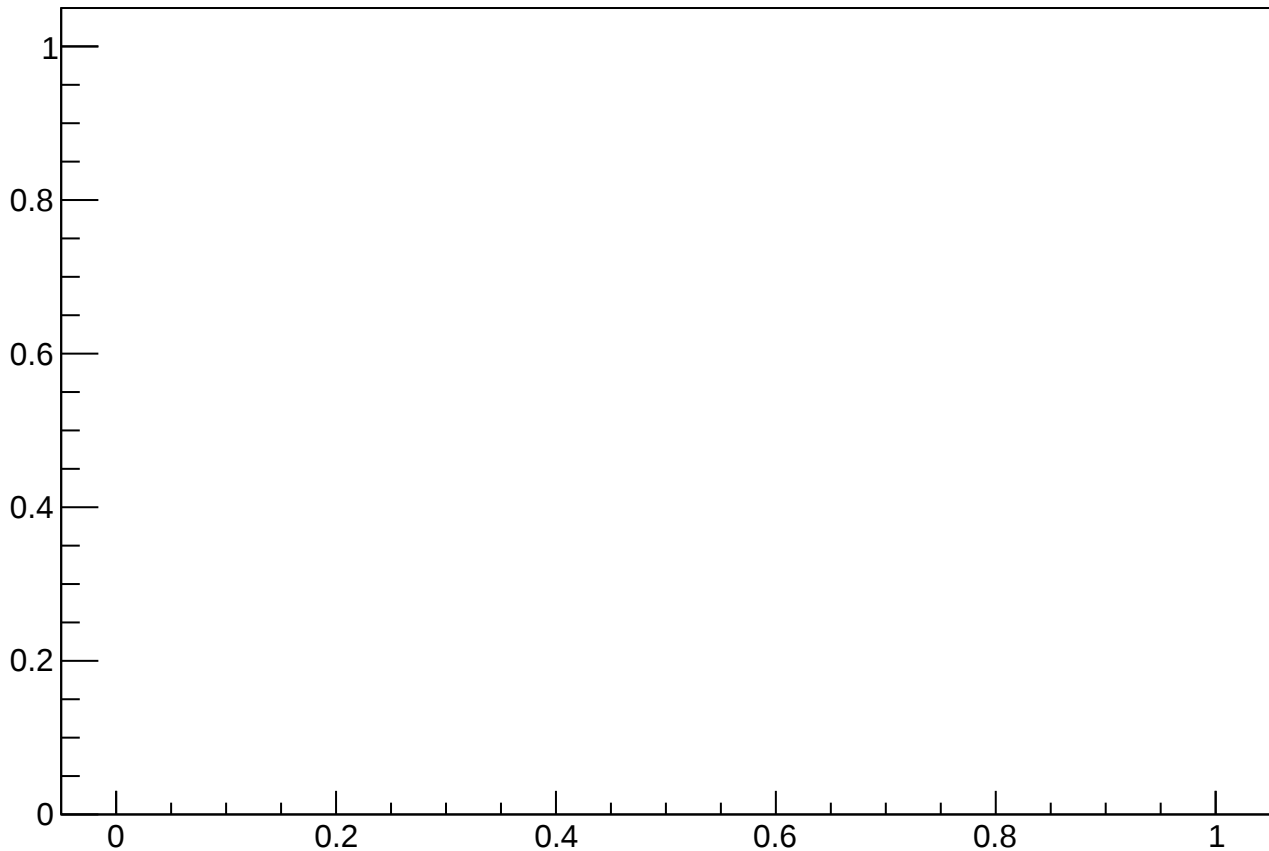
Right: 1854.568+/-0.792 χ^2/NDF : 585346.1/7

In: 1830.215+/-1.127 χ^2/NDF : 331014.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1854.568+/-0.792 χ^2/NDF : 585346.1/7

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

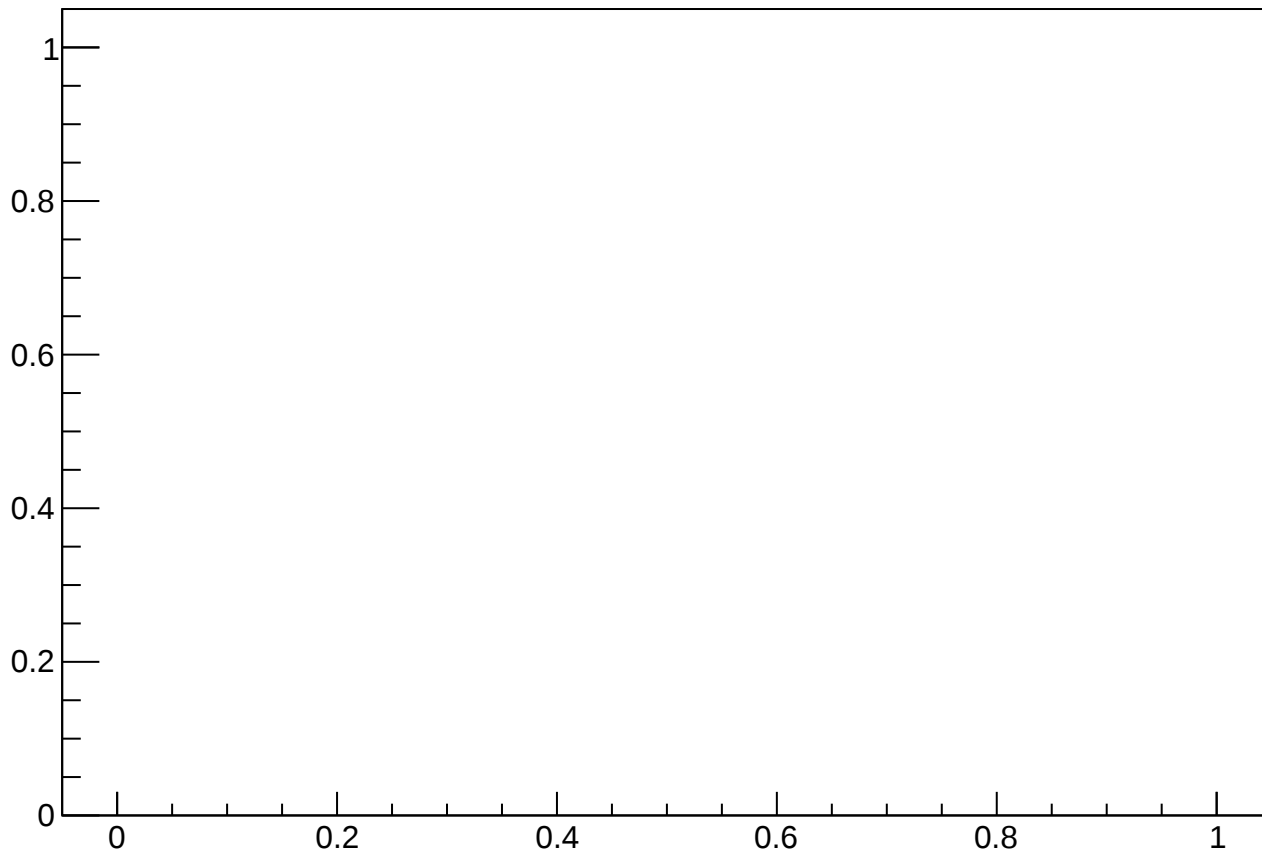
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

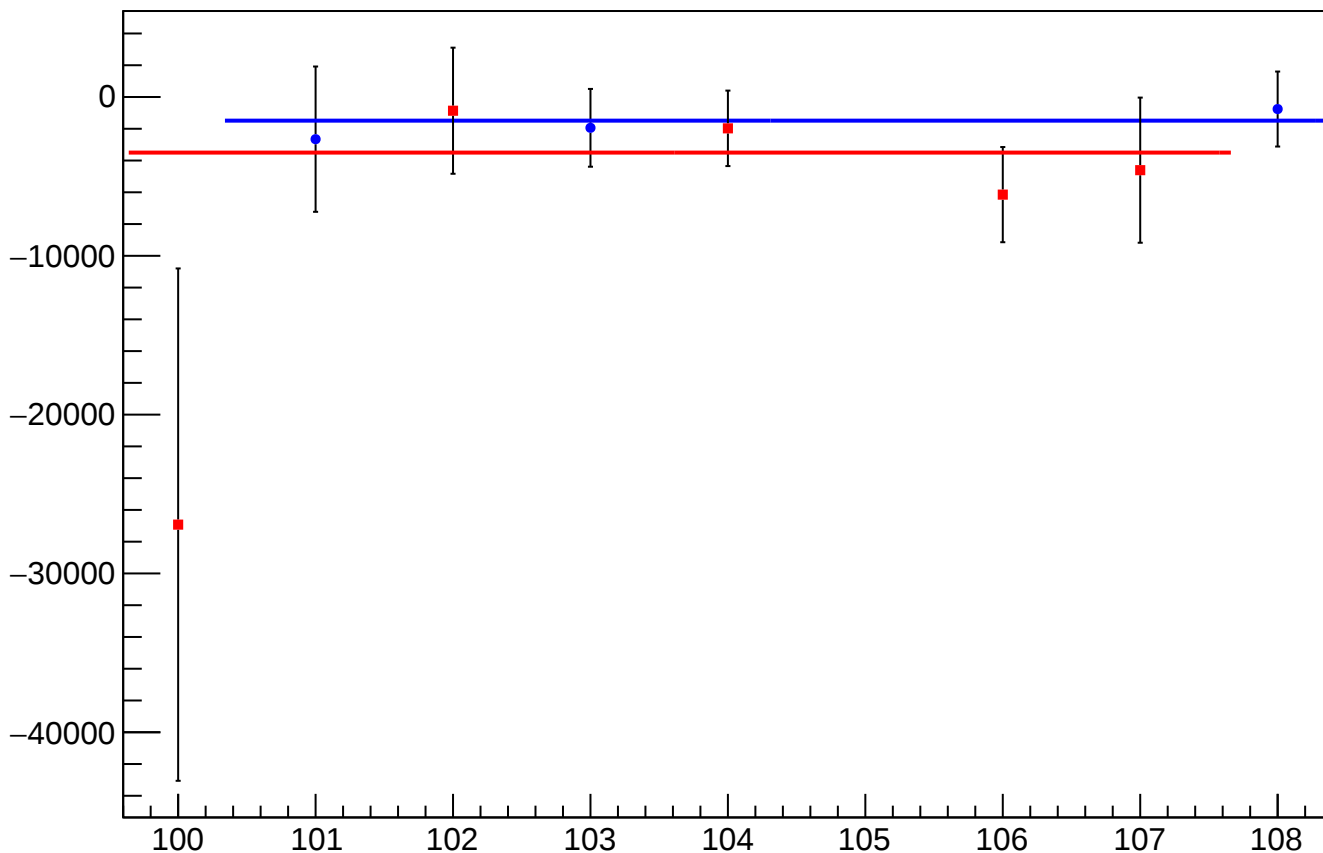
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -1488.764+/-1593.435 χ^2 /NDF: 0.2/2

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

Right Out: -3500.155+/-1573.923 χ^2 /NDF: 3.8/4

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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

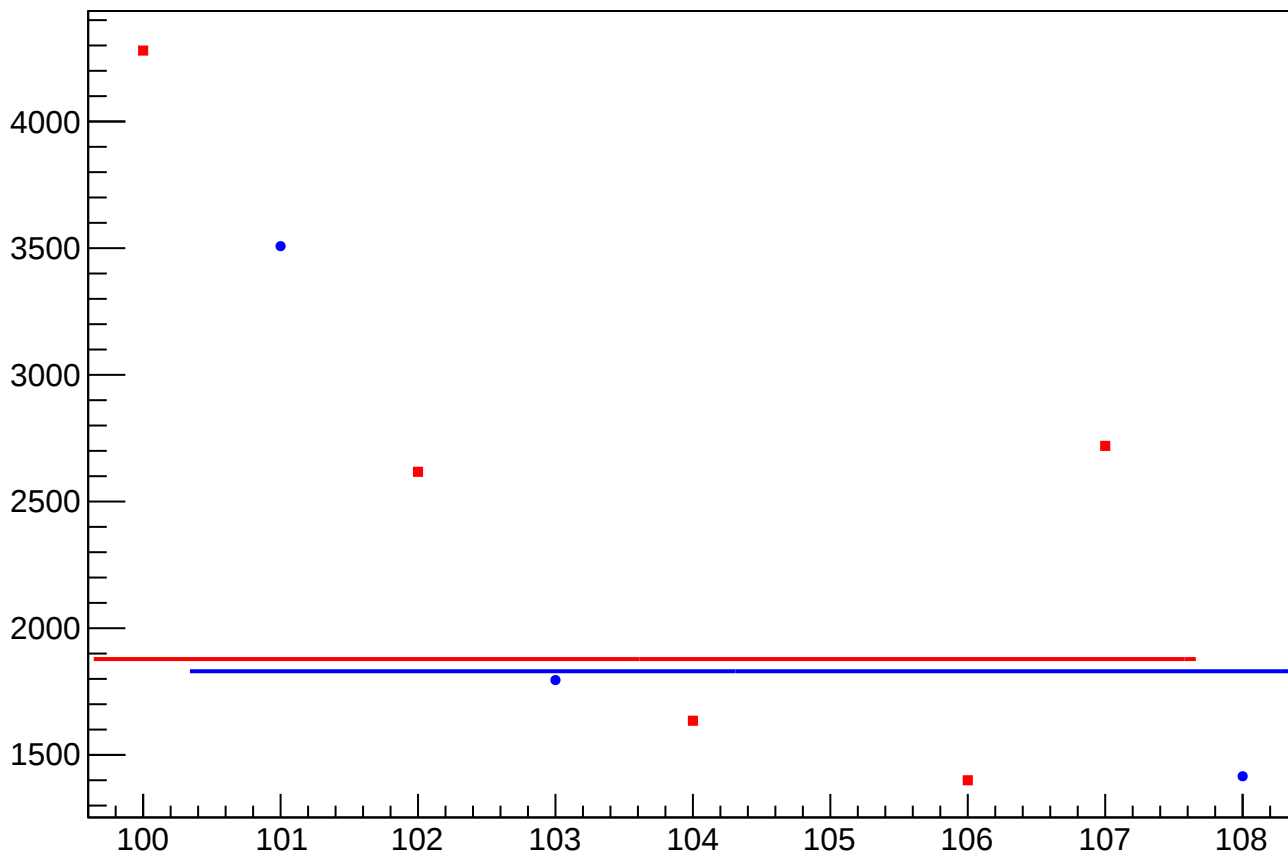
Right: -2506.849+/-1119.766 χ^2 /NDF: 4.8/7

In: -1488.764+/-1593.435 χ^2 /NDF: 0.2/2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2506.849+/-1119.766 χ^2 /NDF: 4.8/7

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1830.215+/-1.127 χ^2/NDF : 331014.2/2

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

Right Out: 1878.326+/-1.113 χ^2/NDF : 253409.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

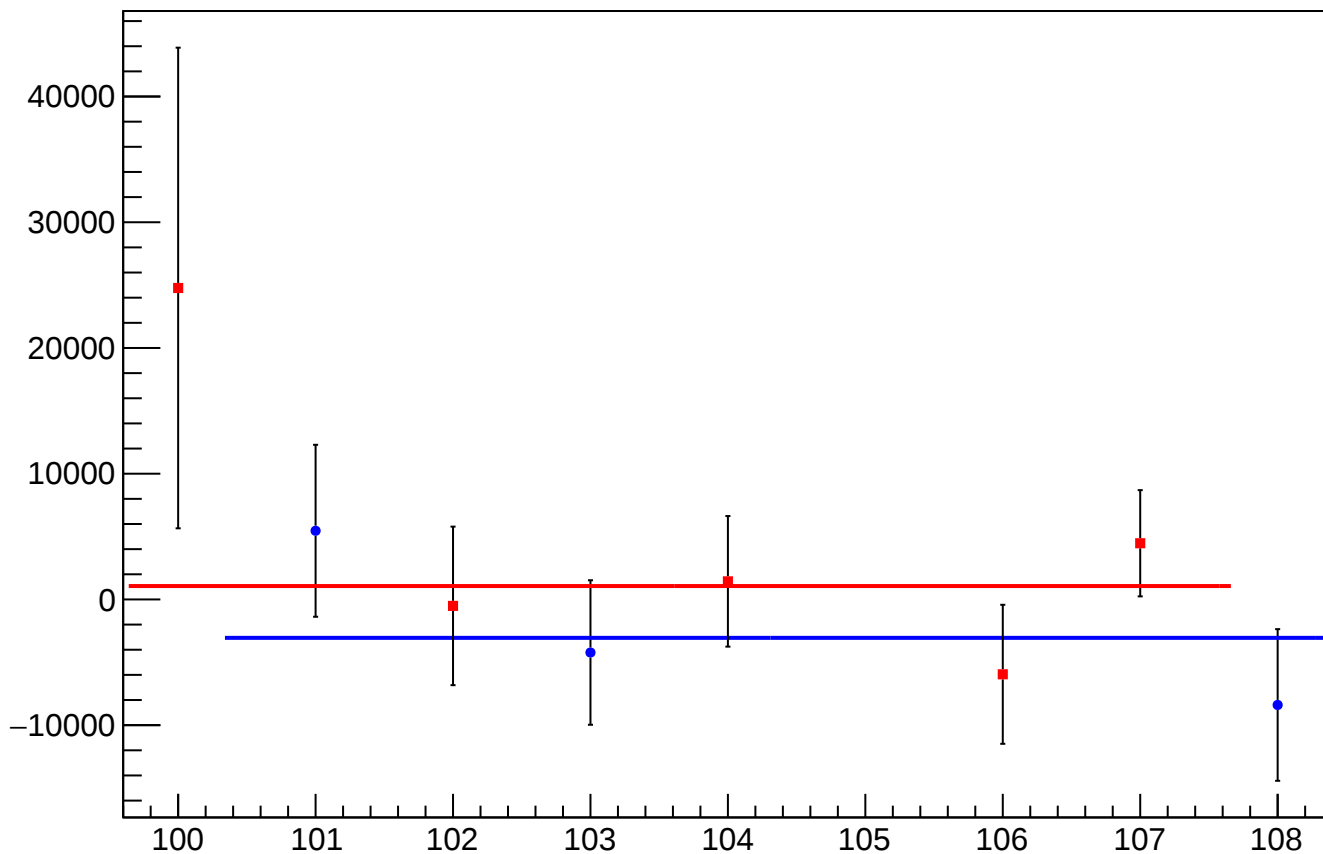
Right: 1854.568+/-0.792 χ^2/NDF : 585346.1/7

In: 1830.215+/-1.127 χ^2/NDF : 331014.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1854.568+/-0.792 χ^2/NDF : 585346.1/7

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -3054.995 $\pm$ 3554.441 χ^2 /NDF: 2.4/2

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

Right Out: 1065.468 $\pm$ 2550.682 χ^2 /NDF: 3.9/4

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

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

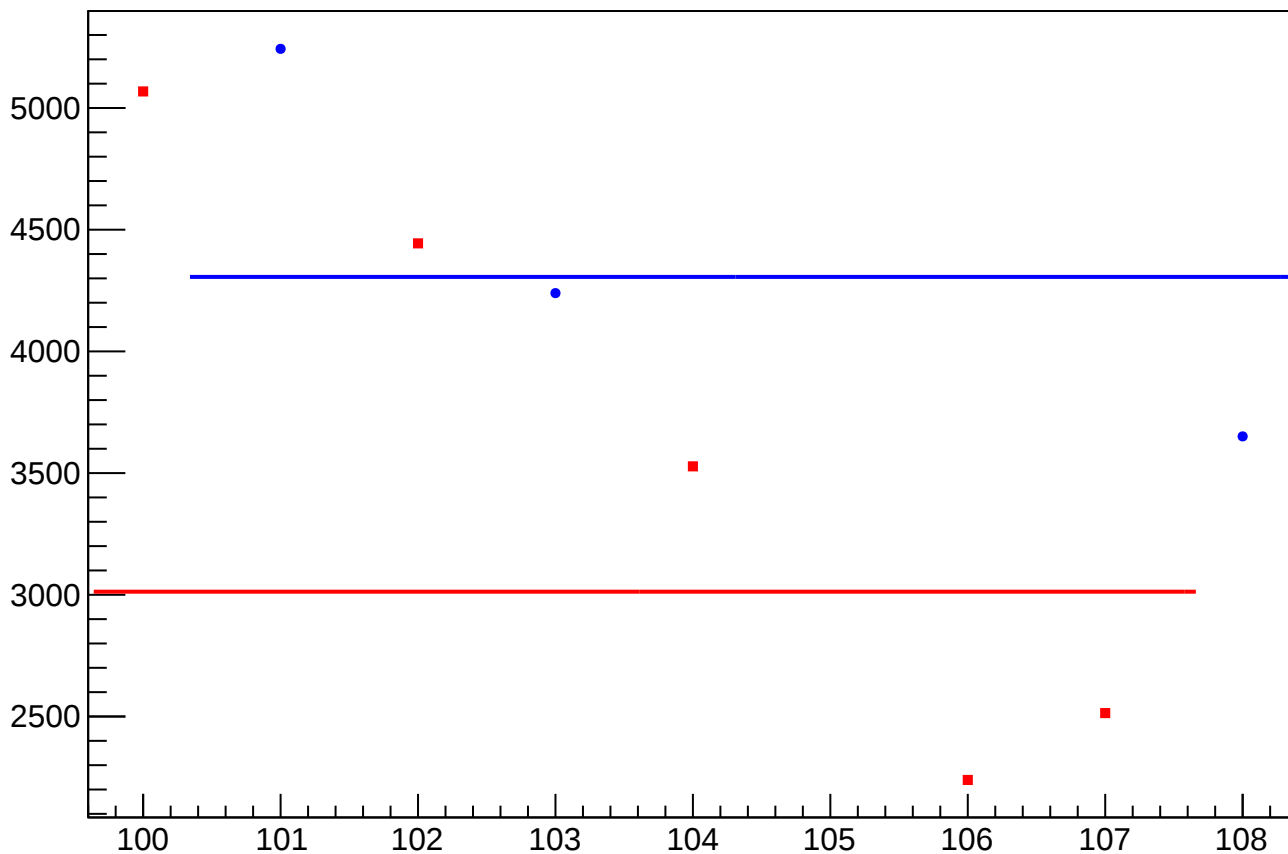
Right: -335.139 $\pm$ 2072.318 χ^2 /NDF: 7.1/7

In: -3054.995 $\pm$ 3554.441 χ^2 /NDF:2.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -335.139 $\pm$ 2072.318 χ^2 /NDF: 7.1/7

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 4306.069+/-2.513 χ^2/NDF : 61420.9/2

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

Right Out: 3012.744+/-1.749 χ^2/NDF : 224438.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

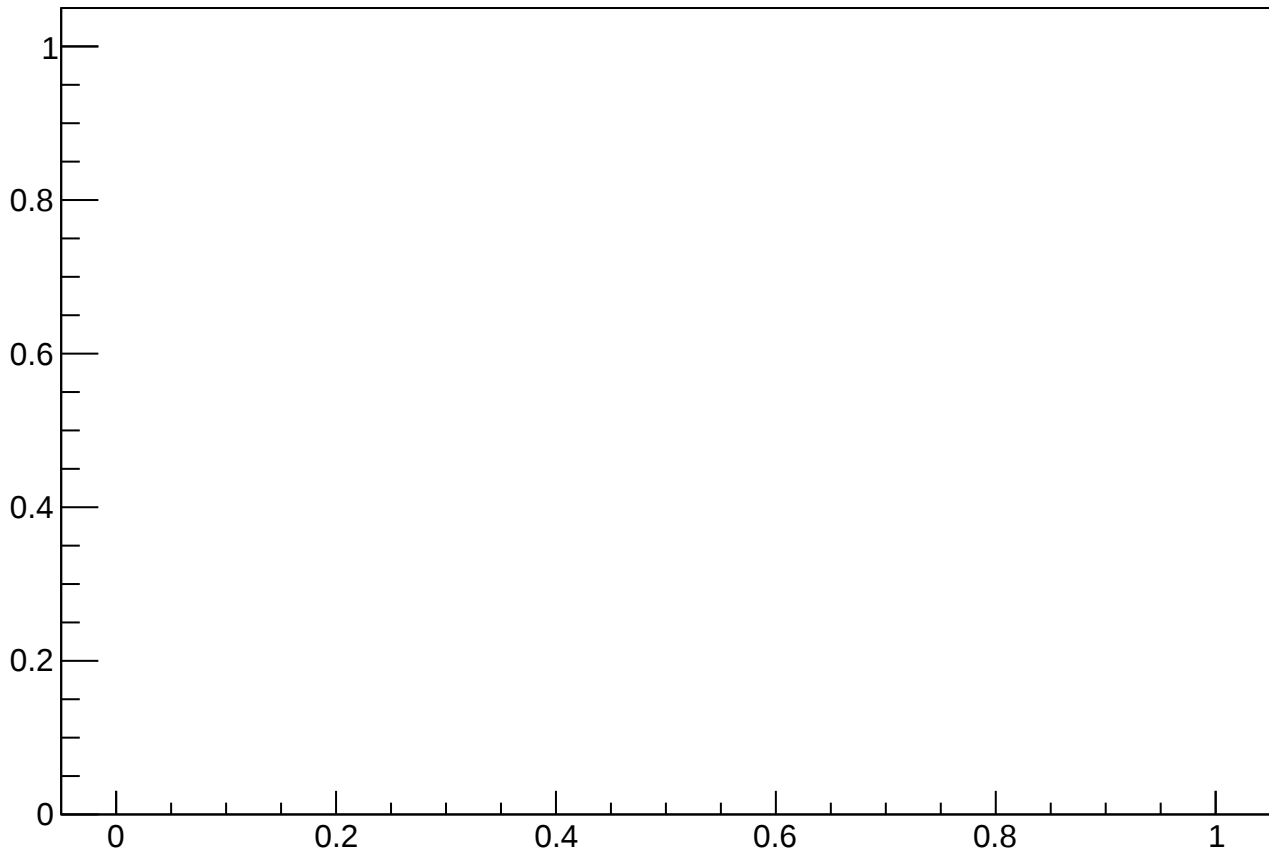
Right: 3434.880+/-1.436 χ^2/NDF : 464276.2/7

In: 4306.069+/-2.513 χ^2/NDF : 61420.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3434.880+/-1.436 χ^2/NDF : 464276.2/7

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

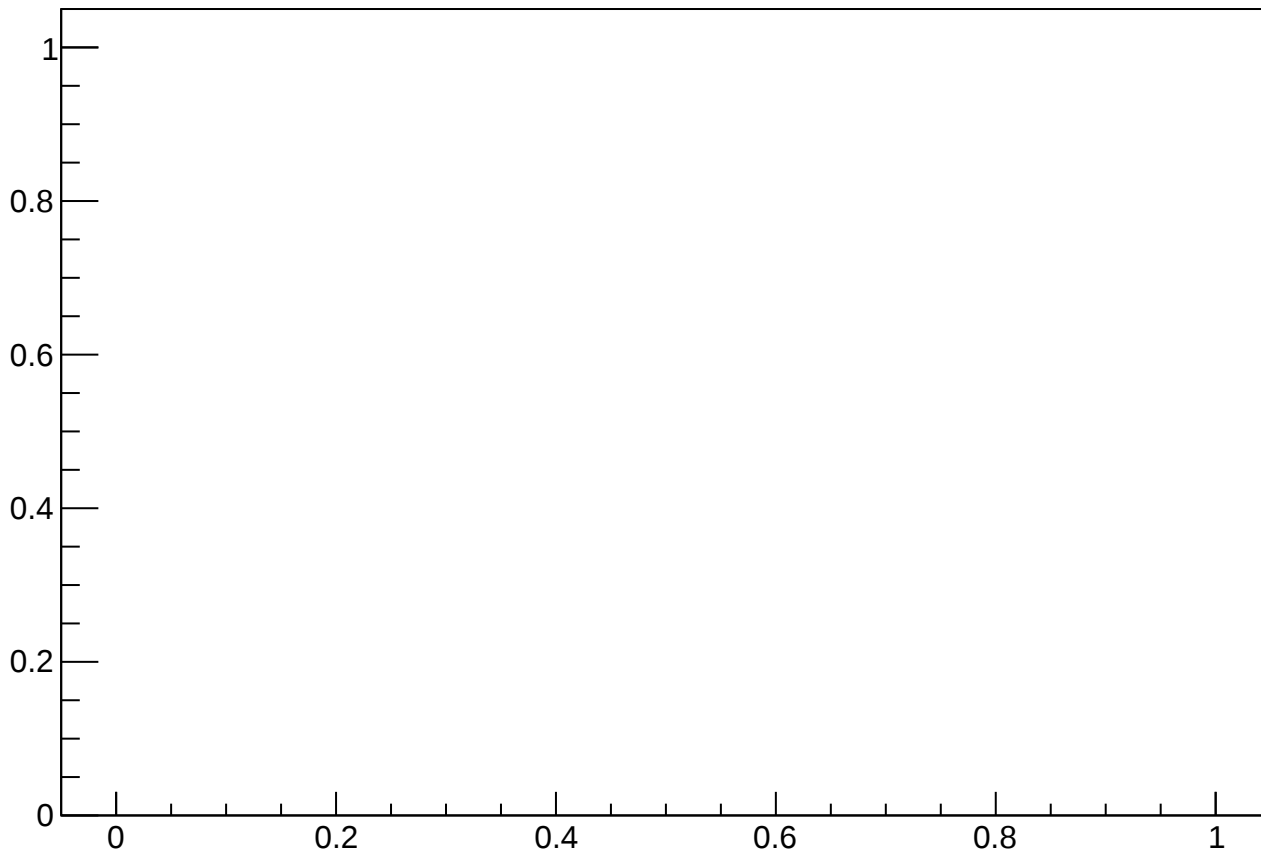
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

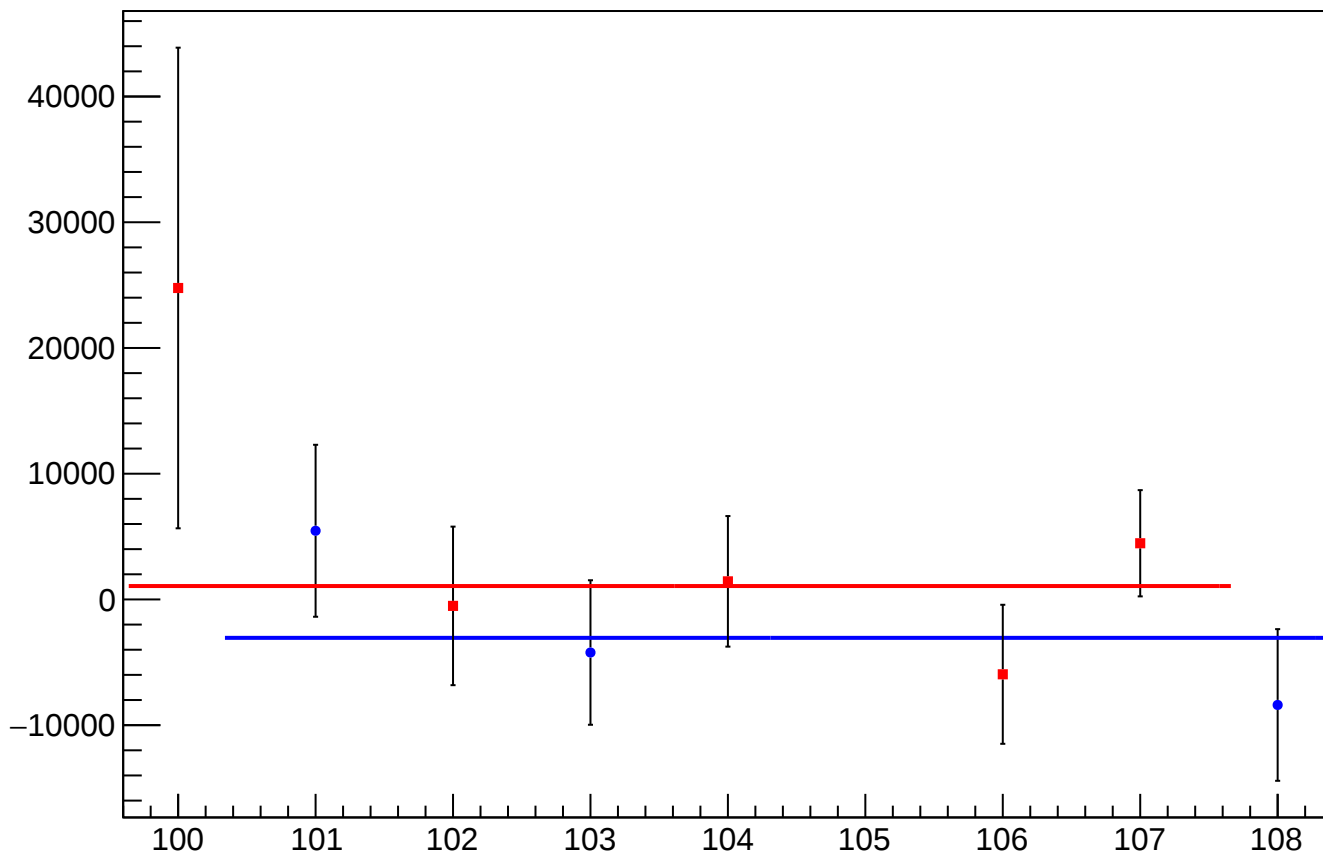
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -3054.995 $\pm$ 3554.441 χ^2 /NDF: 2.4/2

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

Right Out: 1065.468 $\pm$ 2550.682 χ^2 /NDF: 3.9/4

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

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

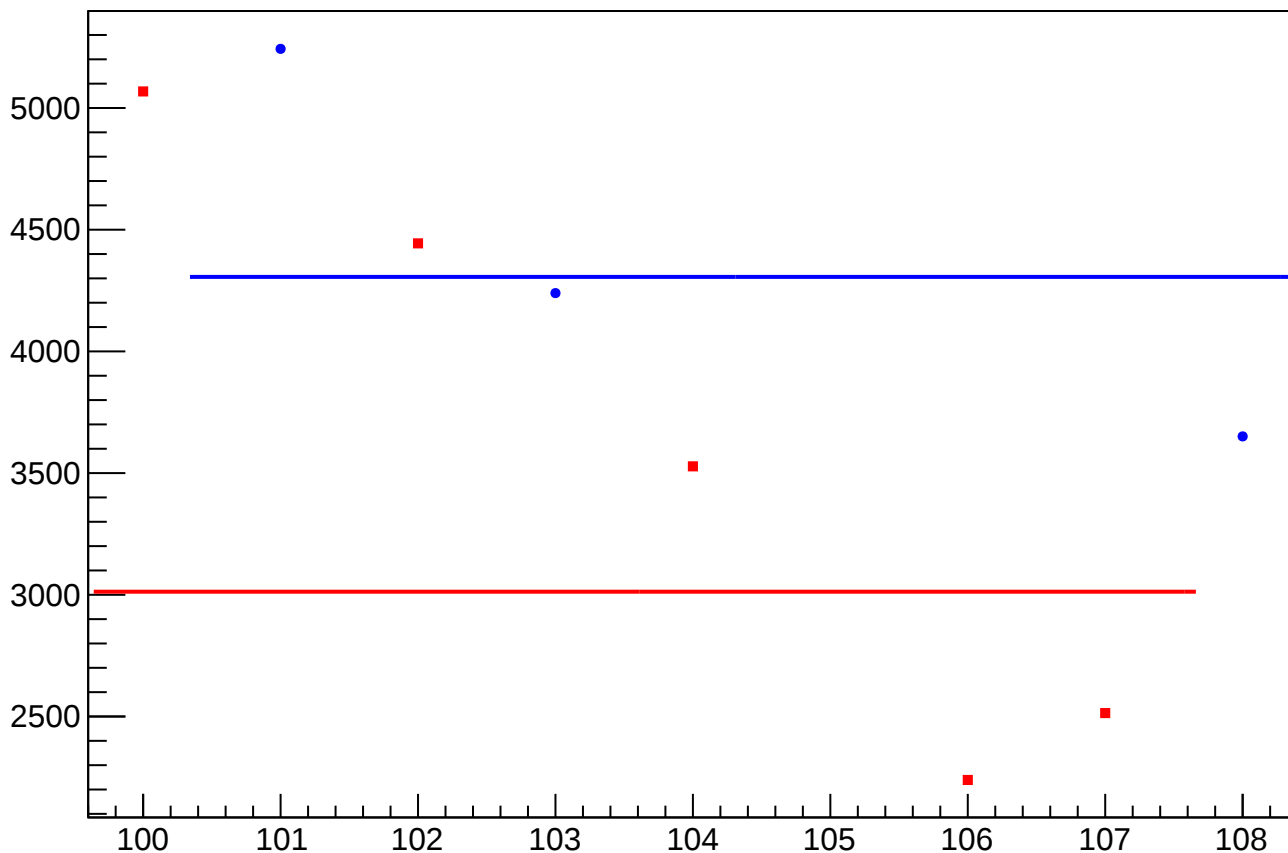
Right: -335.139 $\pm$ 2072.318 χ^2 /NDF: 7.1/7

In: -3054.995 $\pm$ 3554.441 χ^2 /NDF:2.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -335.139 $\pm$ 2072.318 χ^2 /NDF: 7.1/7

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 4306.069+/-2.513 χ^2/NDF : 61420.9/2

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

Right Out: 3012.744+/-1.749 χ^2/NDF : 224438.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

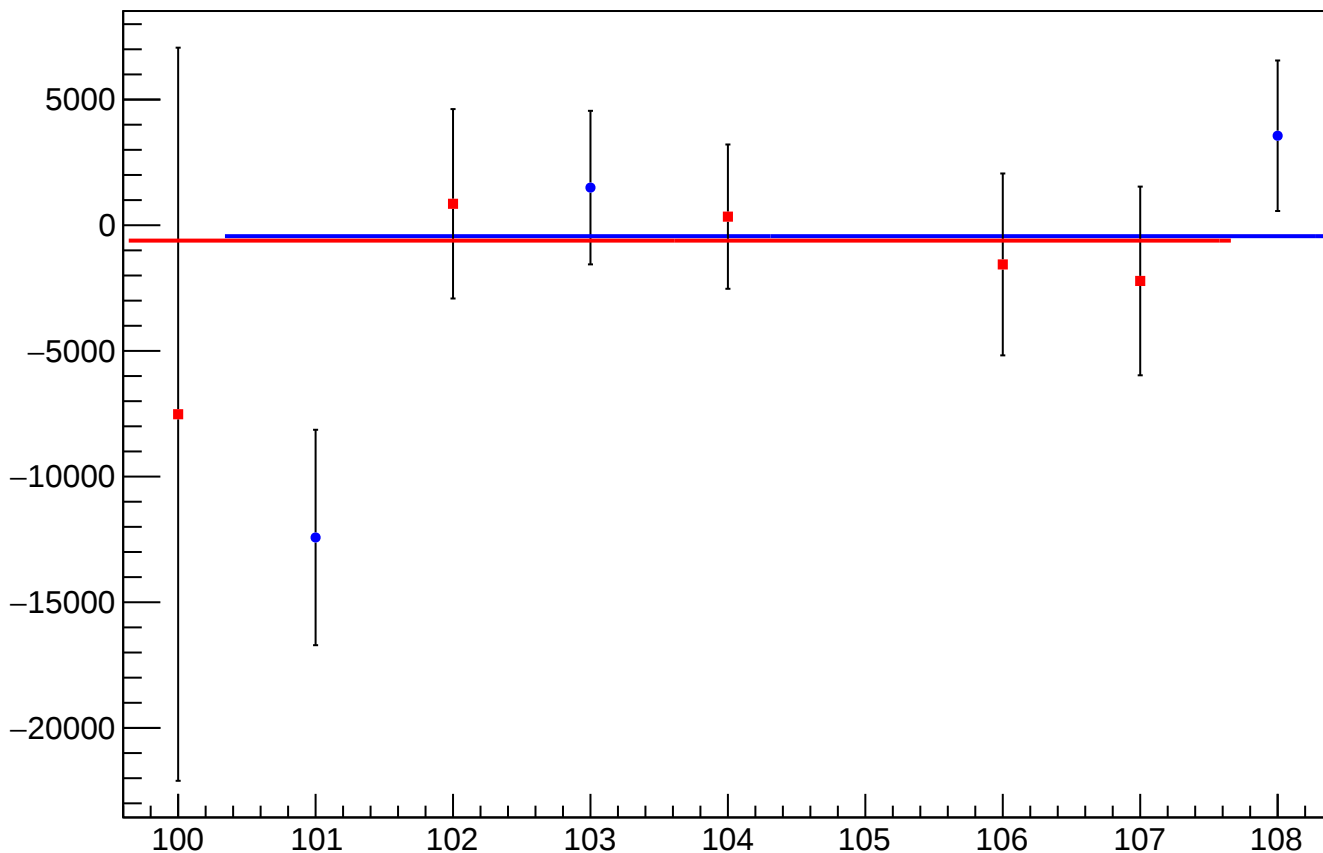
Right: 3434.880+/-1.436 χ^2/NDF : 464276.2/7

In: 4306.069+/-2.513 χ^2/NDF : 61420.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3434.880+/-1.436 χ^2/NDF : 464276.2/7

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -435.199+/-1913.295 χ^2/NDF : 10.0/2

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

Right Out: -611.306+/-1705.373 χ^2/NDF : 0.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

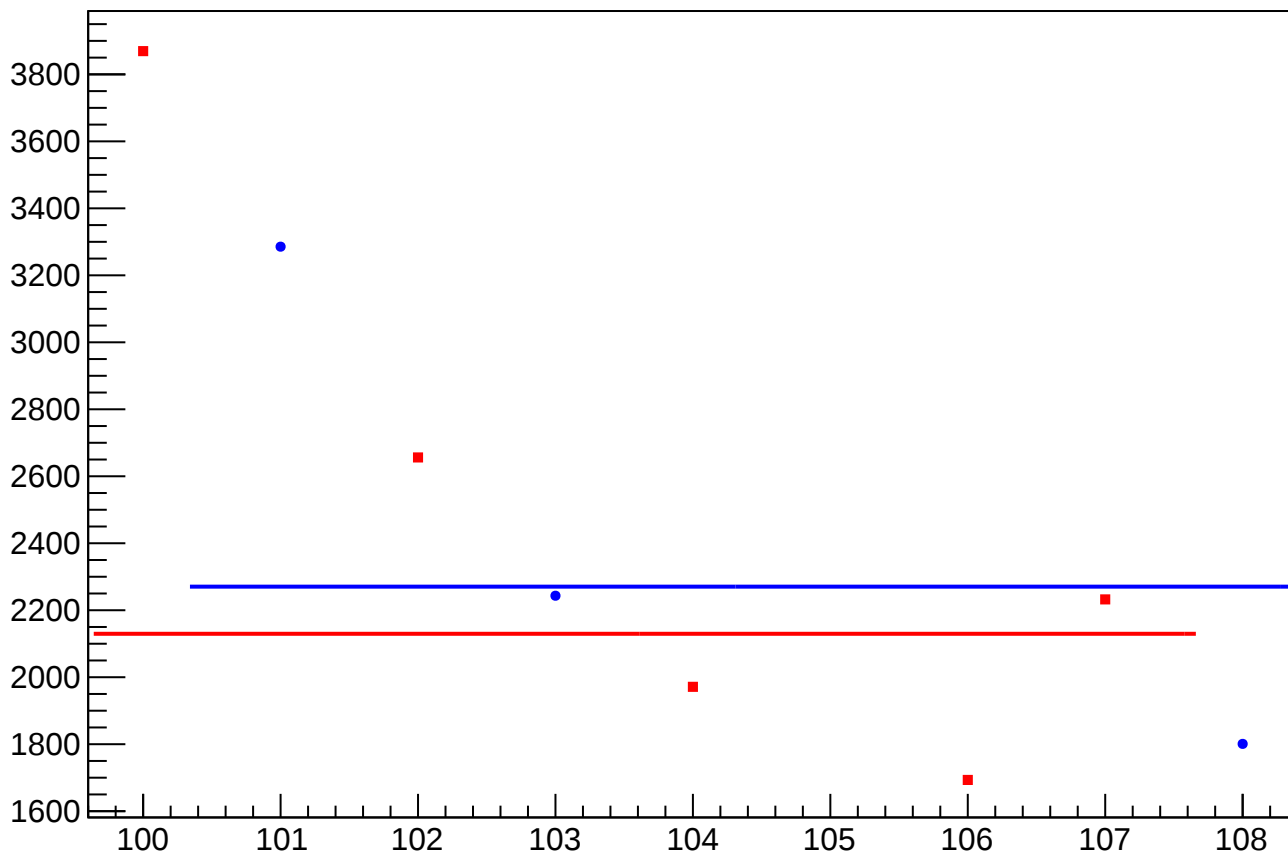
Right: -533.338+/-1273.069 χ^2/NDF : 10.7/7

In: -435.199+/-1913.295 χ^2/NDF : 10.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -533.338+/-1273.069 χ^2/NDF : 10.7/7

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2270.451+/-1.353 χ^2/NDF : 161552.9/2

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

Right Out: 2129.676+/-1.206 χ^2/NDF : 104211.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

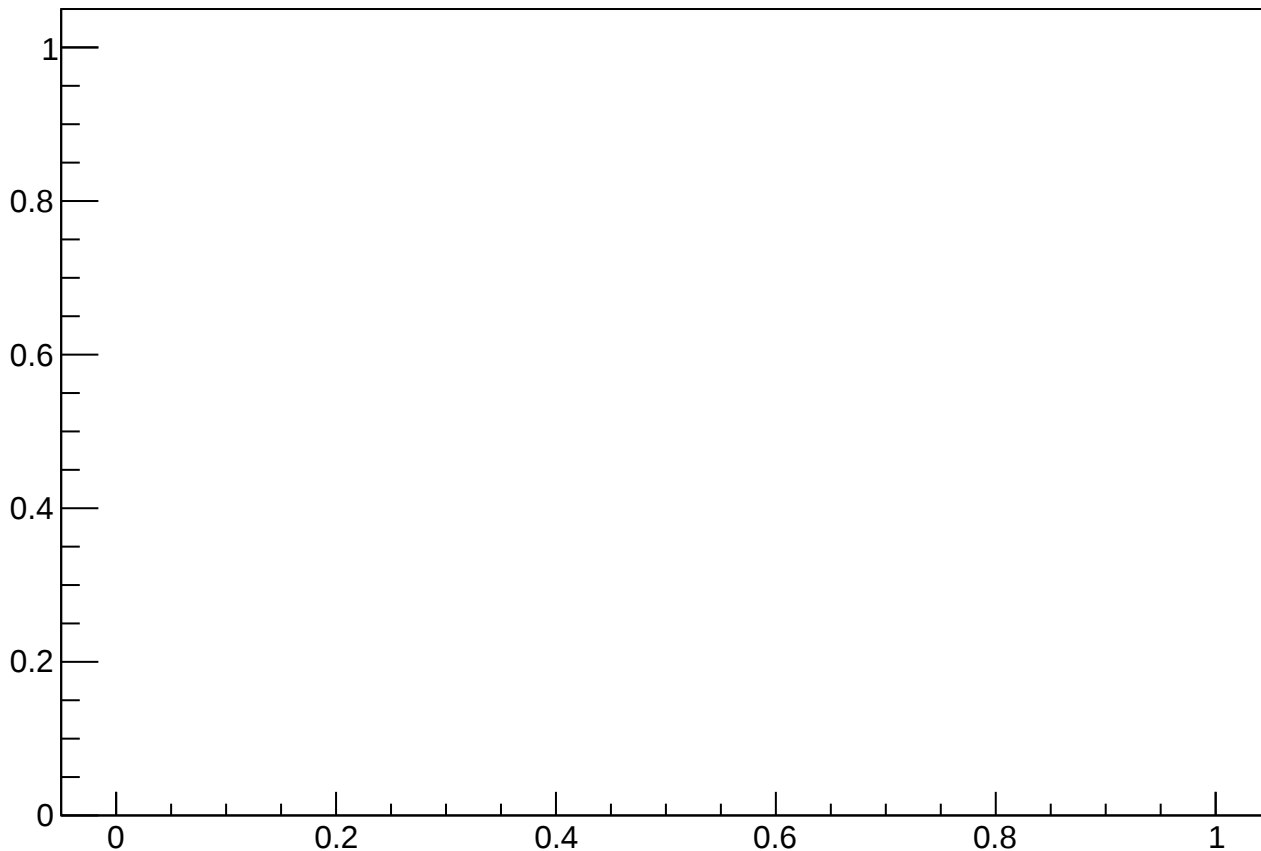
Right: 2191.999+/-0.900 χ^2/NDF : 271798.4/7

In: 2270.451+/-1.353 χ^2/NDF : 161552.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2191.999+/-0.900 χ^2/NDF : 271798.4/7

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

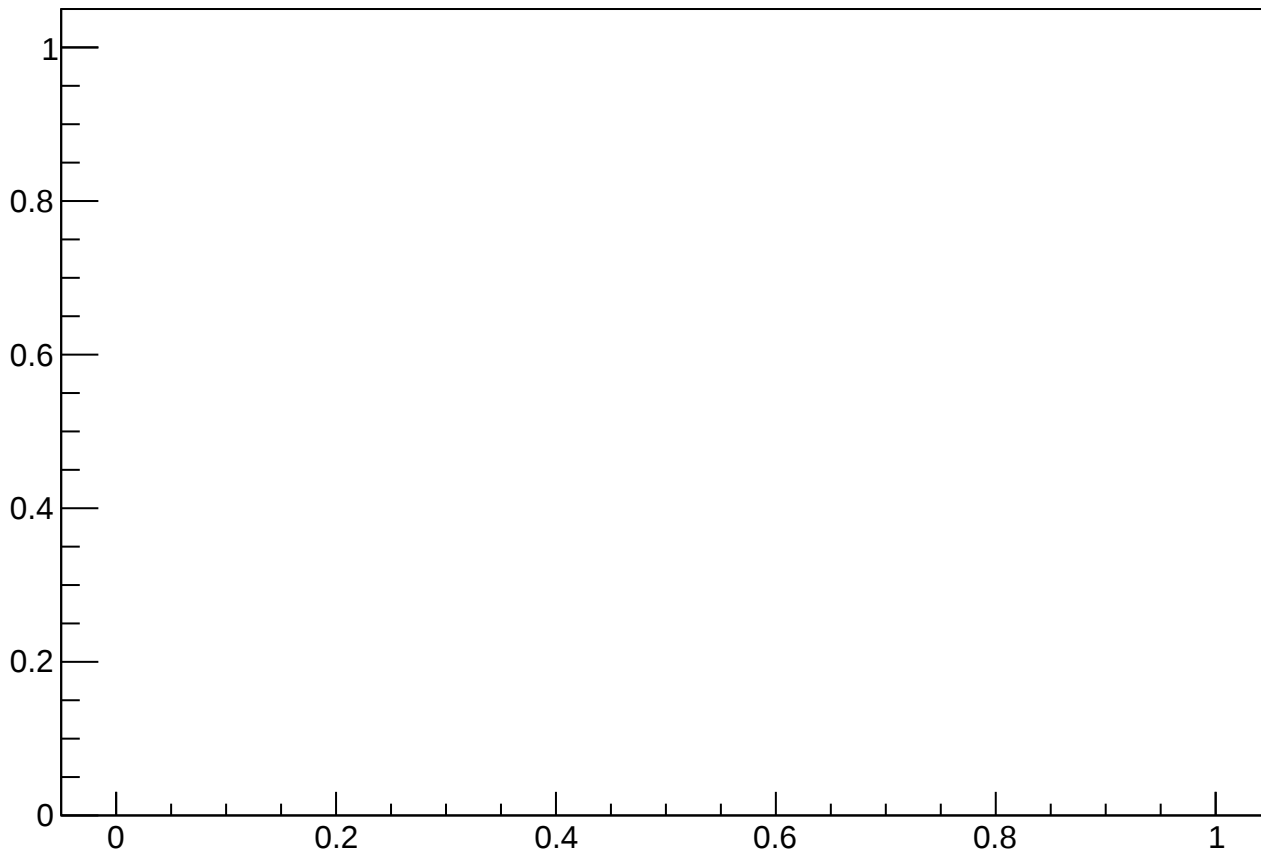
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

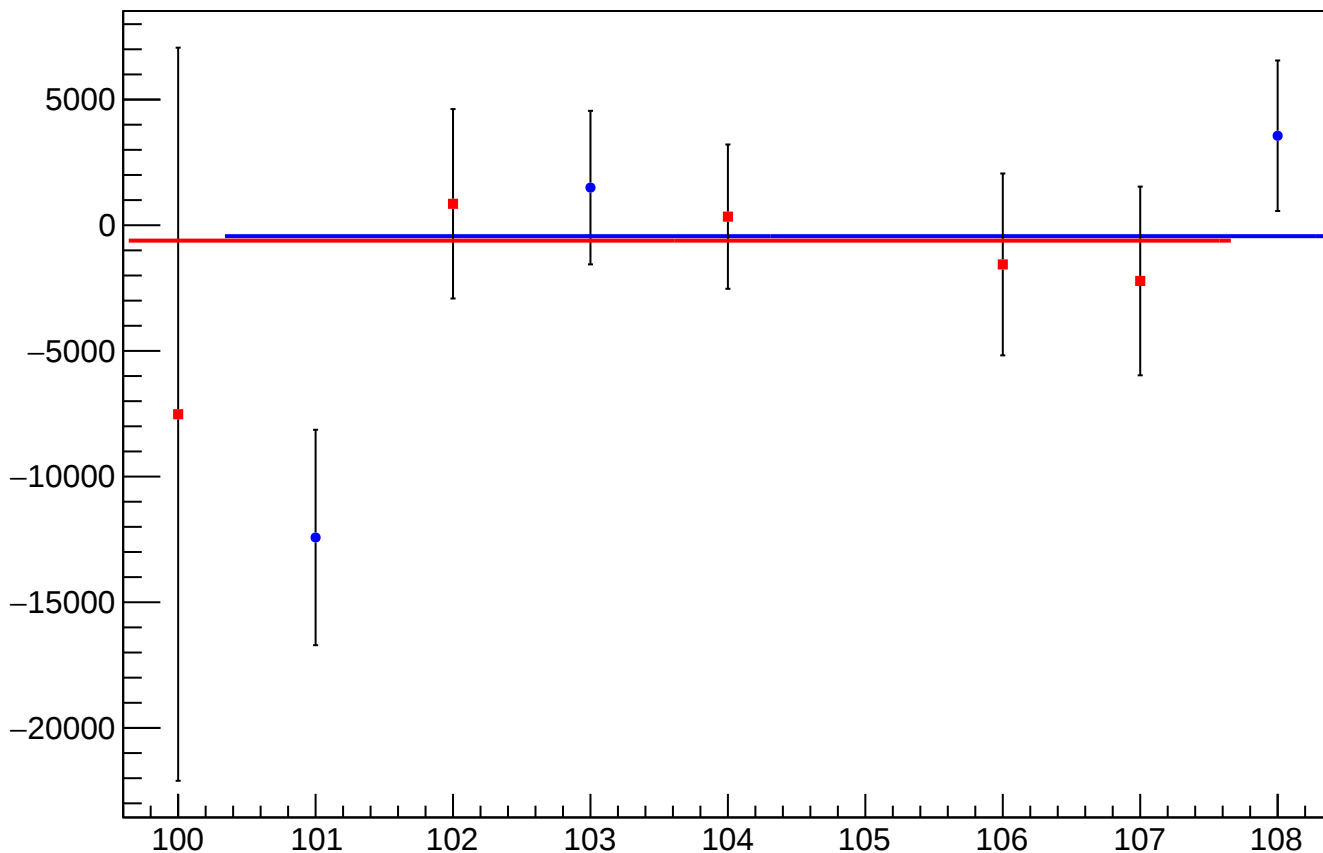
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -435.199+/-1913.295 χ^2/NDF : 10.0/2

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

Right Out: -611.306+/-1705.373 χ^2/NDF : 0.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

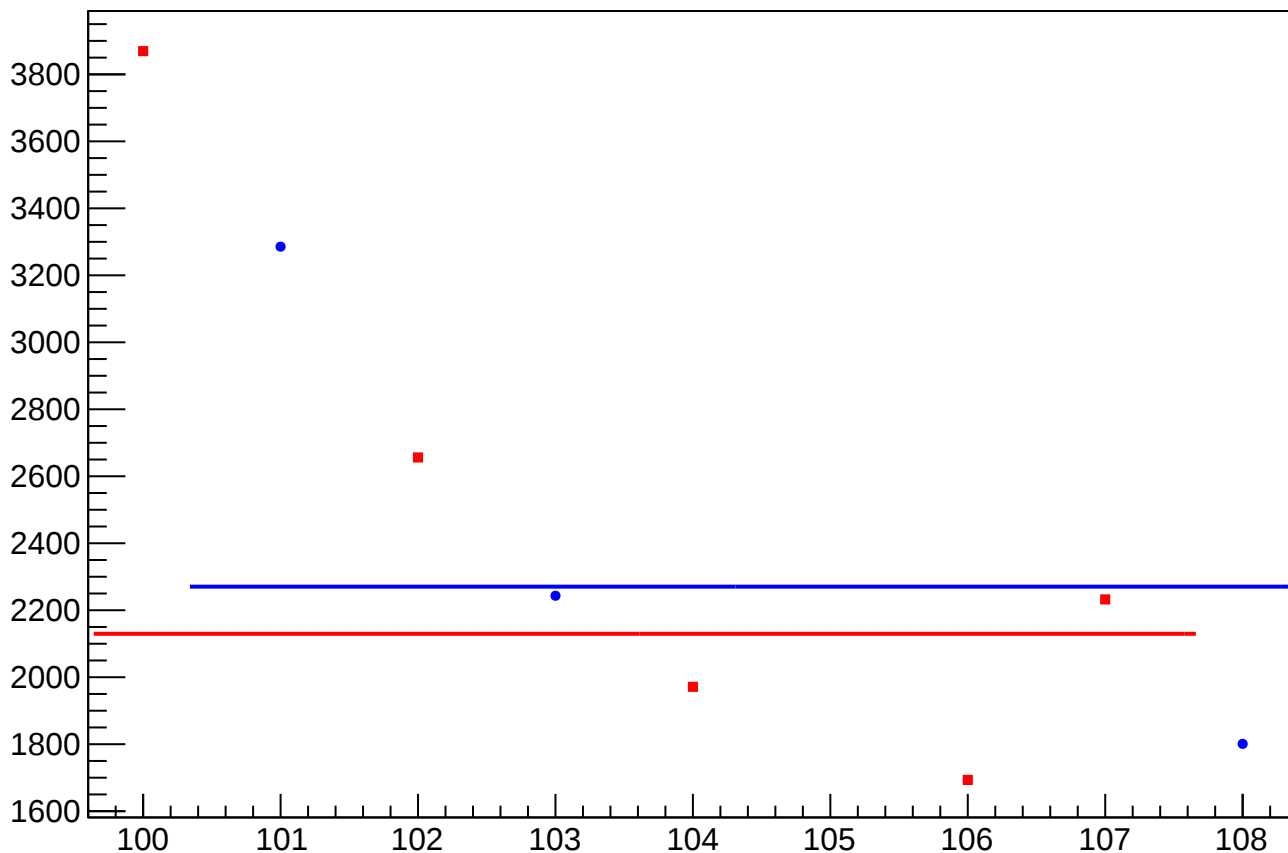
Right: -533.338+/-1273.069 χ^2/NDF : 10.7/7

In: -435.199+/-1913.295 χ^2/NDF : 10.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -533.338+/-1273.069 χ^2/NDF : 10.7/7

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2270.451+/-1.353 χ^2/NDF : 161552.9/2

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

Right Out: 2129.676+/-1.206 χ^2/NDF : 104211.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

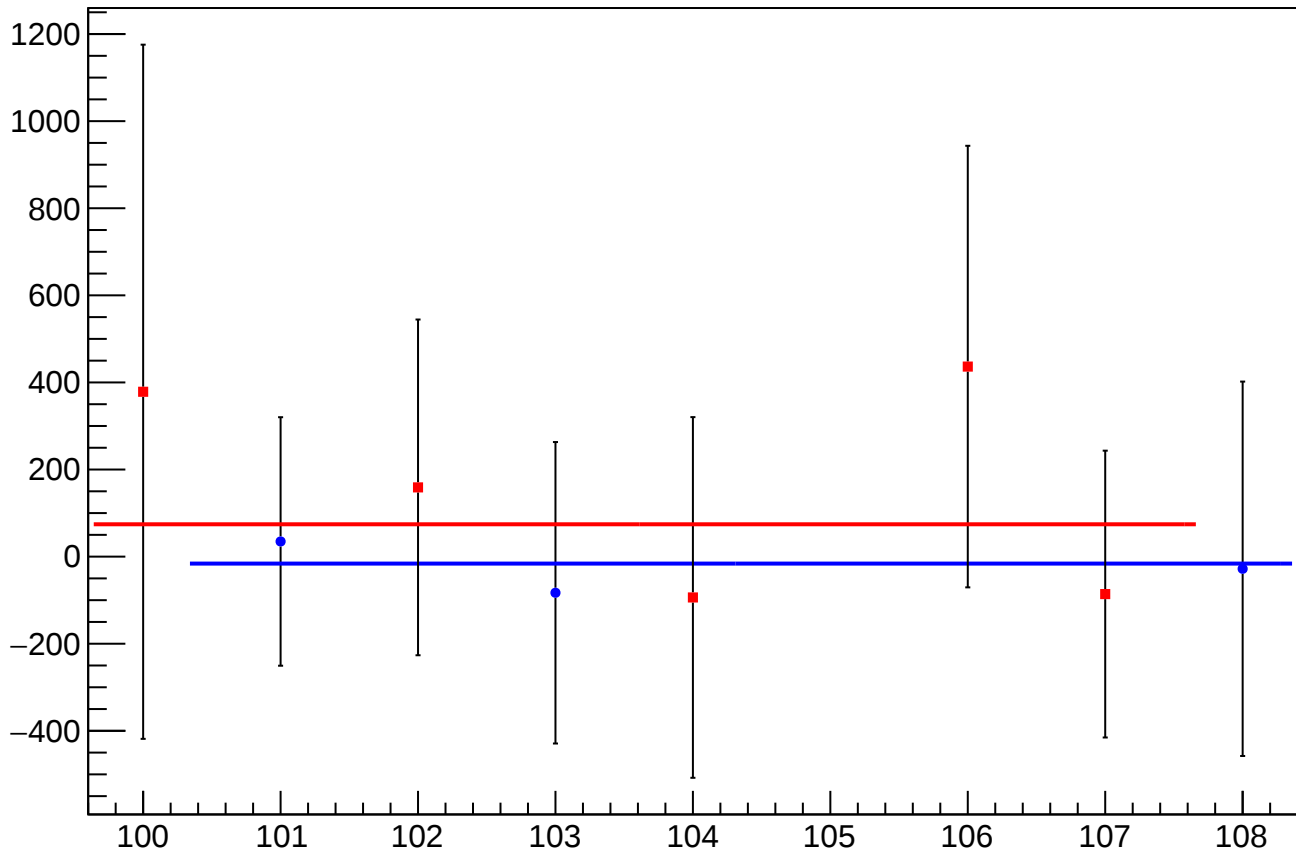
Right: 2191.999+/-0.900 χ^2/NDF : 271798.4/7

In: 2270.451+/-1.353 χ^2/NDF : 161552.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2191.999+/-0.900 χ^2/NDF : 271798.4/7

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -15.985 $\pm$ 195.961 χ^2 /NDF: 0.1/2

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

Right Out: 74.280 $\pm$ 191.577 χ^2 /NDF: 1.1/4

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

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

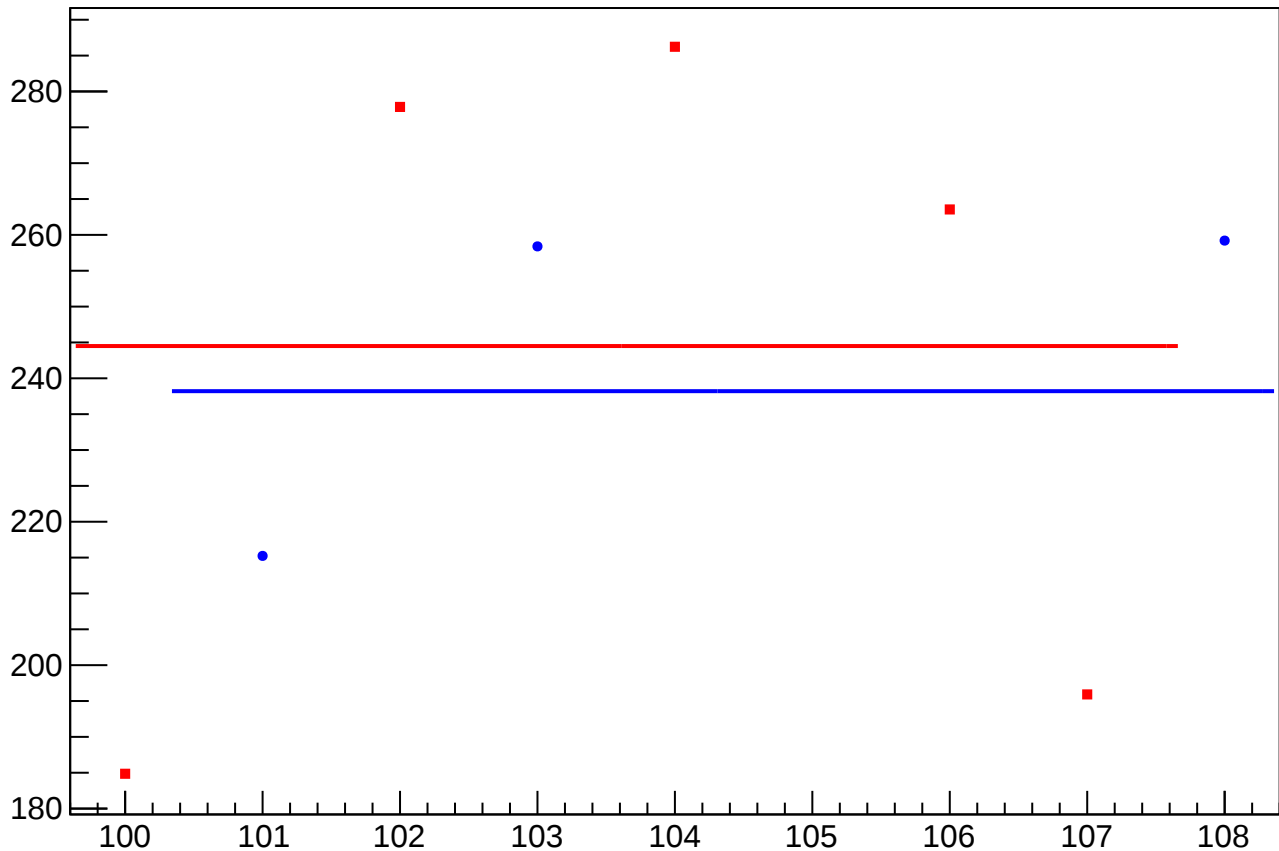
Right: 30.168 $\pm$ 136.989 χ^2 /NDF: 1.3/7

In: -15.985 $\pm$ 195.961 χ^2 /NDF:0.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 30.168 $\pm$ 136.989 χ^2 /NDF: 1.3/7

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 238.207 $\pm$ 0.139 χ^2 /NDF: 24536.0/2

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

Right Out: 244.499 $\pm$ 0.135 χ^2 /NDF: 92816.2/4

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

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

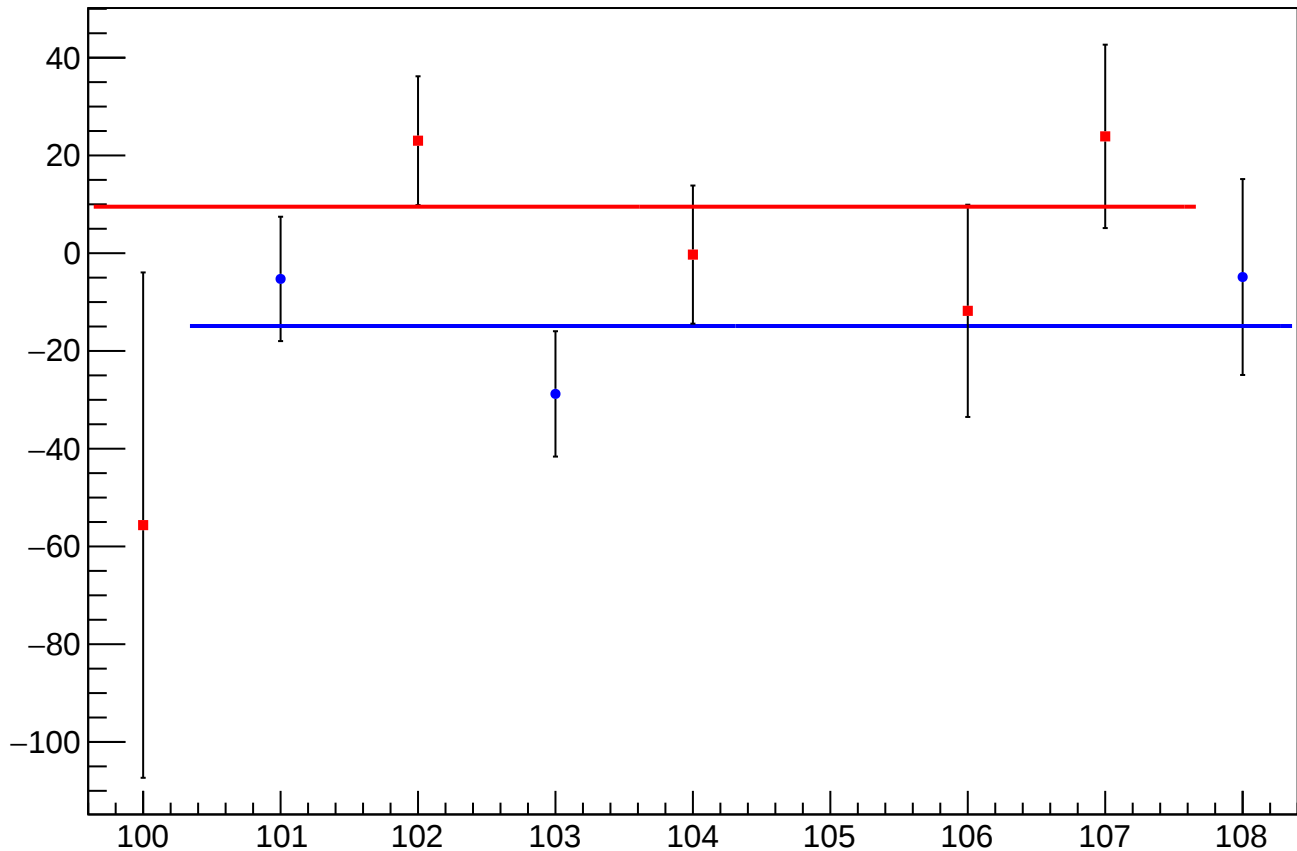
Right: 241.424 $\pm$ 0.097 χ^2 /NDF: 118406.6/7

In: 238.207 $\pm$ 0.139 χ^2 /NDF:24536.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 241.424 $\pm$ 0.097 χ^2 /NDF: 118406.6/7

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -14.896 $\pm$ 8.234 χ^2 /NDF: 2.0/2

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

Right Out: 9.515 $\pm$ 7.880 χ^2 /NDF: 4.7/4

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

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

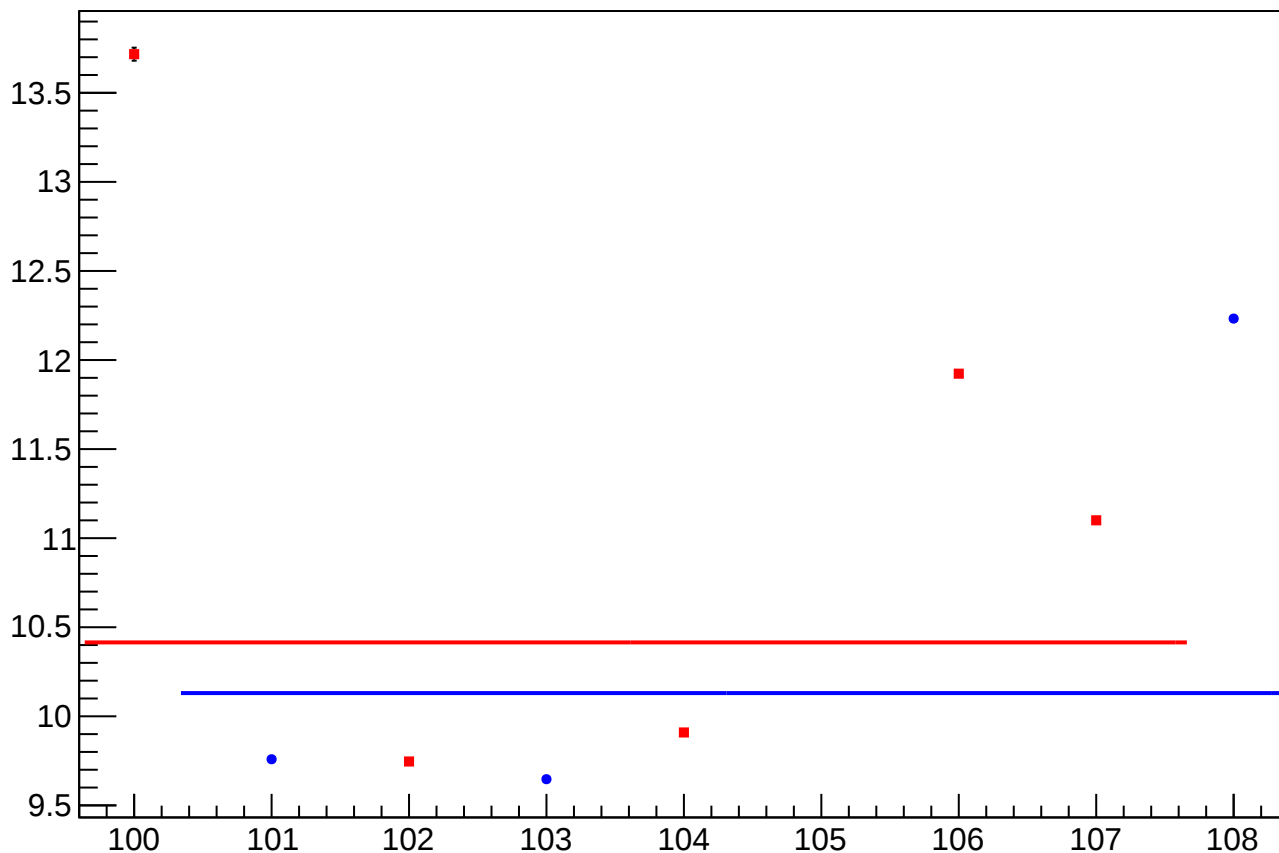
Right: -2.154 $\pm$ 5.693 χ^2 /NDF: 11.3/7

In: -14.896 $\pm$ 8.234 χ^2 /NDF: 2.0/2

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

All: -2.154 $\pm$ 5.693 χ^2 /NDF: 11.3/7

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.130+/-0.006 χ^2/NDF : 26550.6/2

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

Right Out: 10.415+/-0.006 χ^2/NDF : 28190.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

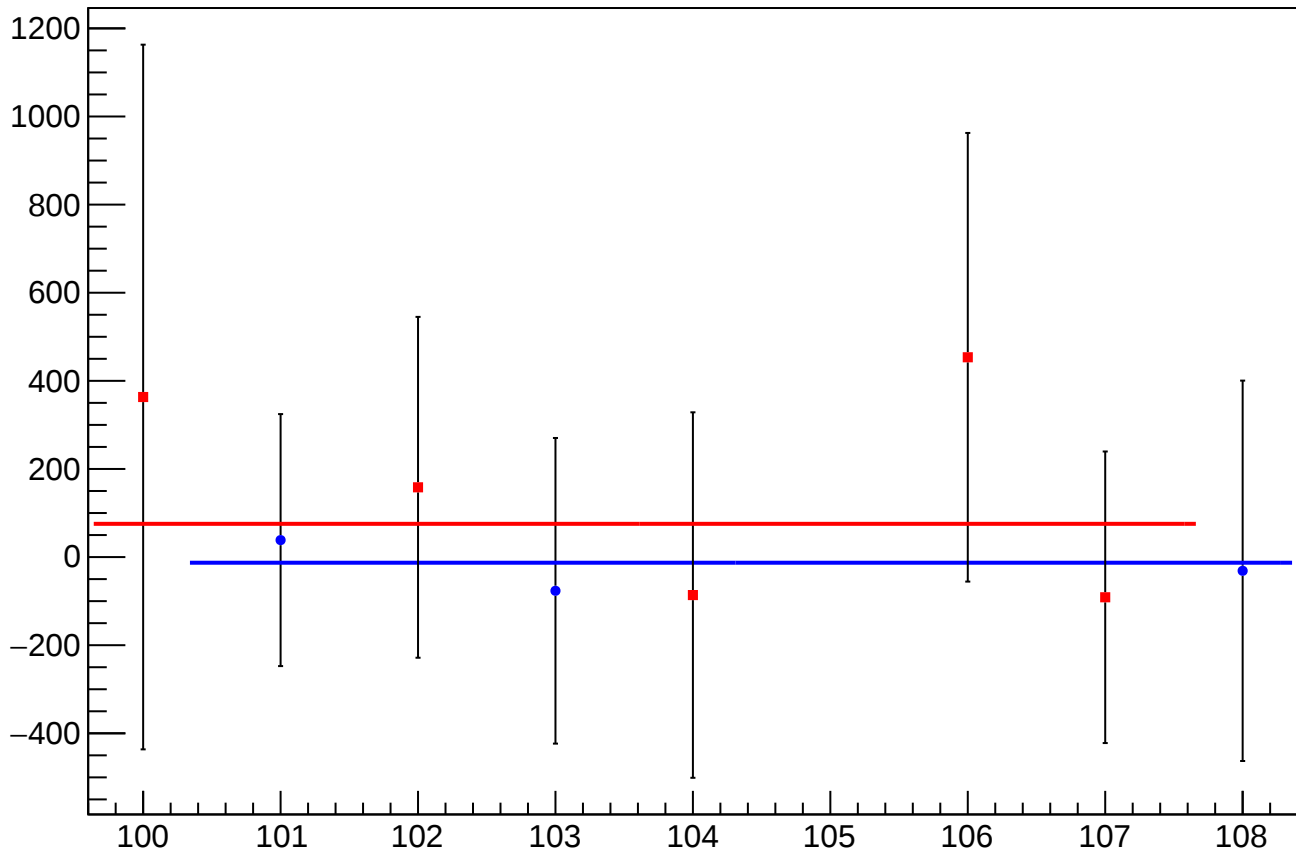
Right: 10.279+/-0.004 χ^2/NDF : 55986.5/7

In: 10.130+/-0.006 χ^2/NDF : 26550.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.279+/-0.004 χ^2/NDF : 55986.5/7

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: -12.807 $\pm$ 196.473 χ^2 /NDF: 0.1/2

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

Right Out: 75.472 $\pm$ 192.267 χ^2 /NDF: 1.1/4

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

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

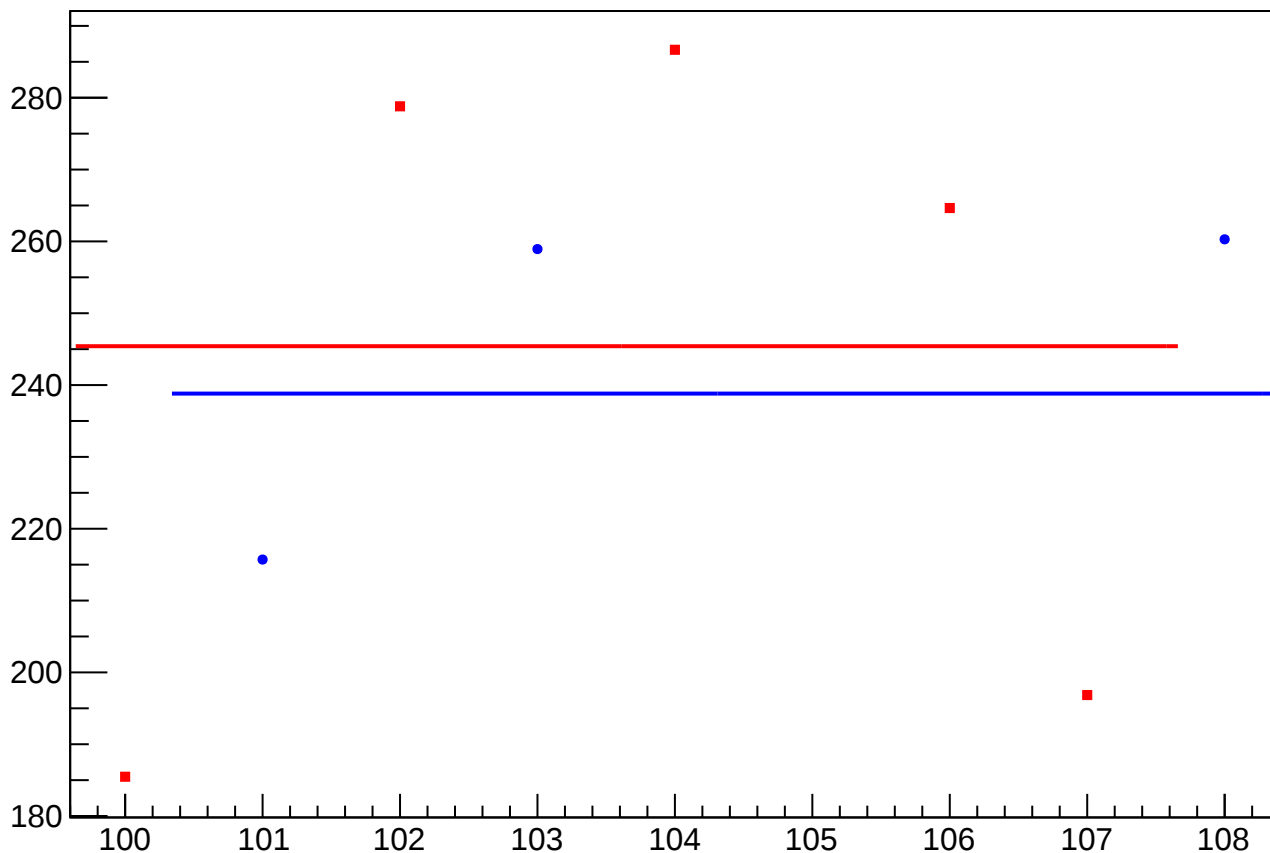
Right: 32.287 $\pm$ 137.416 χ^2 /NDF: 1.3/7

In: -12.807 $\pm$ 196.473 χ^2 /NDF: 0.1/2

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

All: 32.287 $\pm$ 137.416 χ^2 /NDF: 1.3/7

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 238.813 $\pm$ 0.139 χ^2 /NDF: 24731.8/2

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

Right Out: 245.410 $\pm$ 0.136 χ^2 /NDF: 91873.1/4

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

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

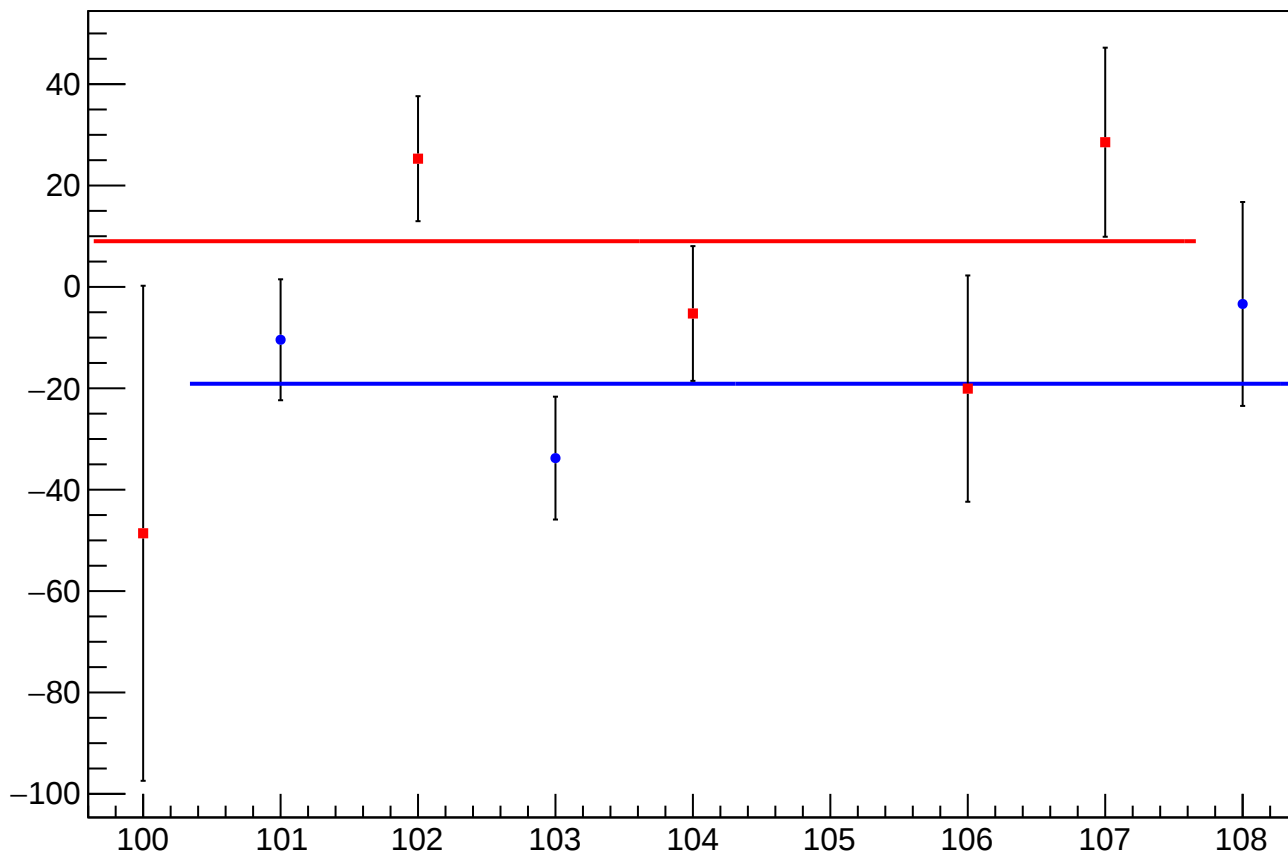
Right: 242.183 $\pm$ 0.097 χ^2 /NDF: 117756.8/7

In: 238.813 $\pm$ 0.139 χ^2 /NDF:24731.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 242.183 $\pm$ 0.097 χ^2 /NDF: 117756.8/7

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -19.101 $\pm$ 7.830 χ^2 /NDF: 2.6/2

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

Right Out: 9.018 $\pm$ 7.550 χ^2 /NDF: 7.1/4

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

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

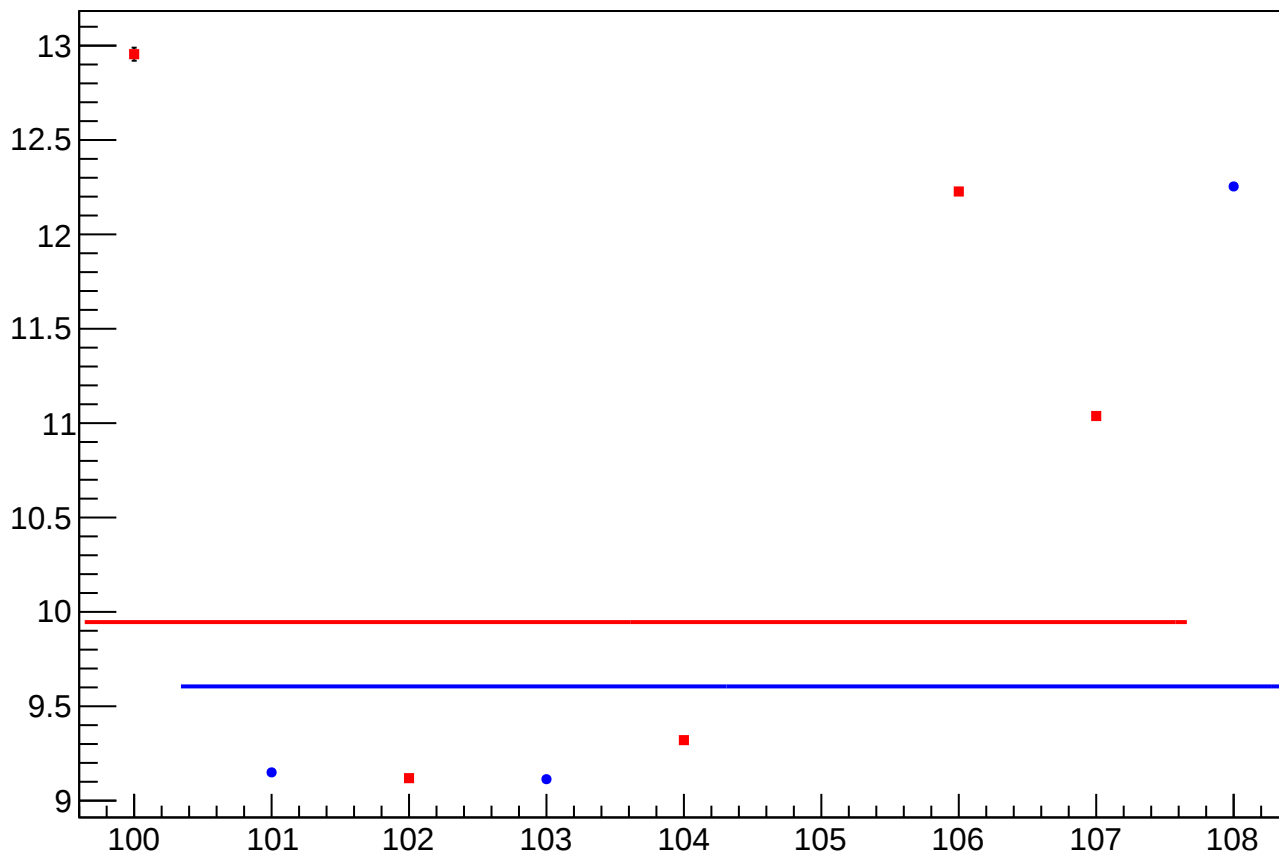
Right: -4.530 $\pm$ 5.435 χ^2 /NDF: 16.4/7

In: -19.101 $\pm$ 7.830 χ^2 /NDF: 2.6/2

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

All: -4.530 $\pm$ 5.435 χ^2 /NDF: 16.4/7

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 9.605+/-0.006 χ^2/NDF : 40894.6/2

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

Right Out: 9.946+/-0.005 χ^2/NDF : 48766.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

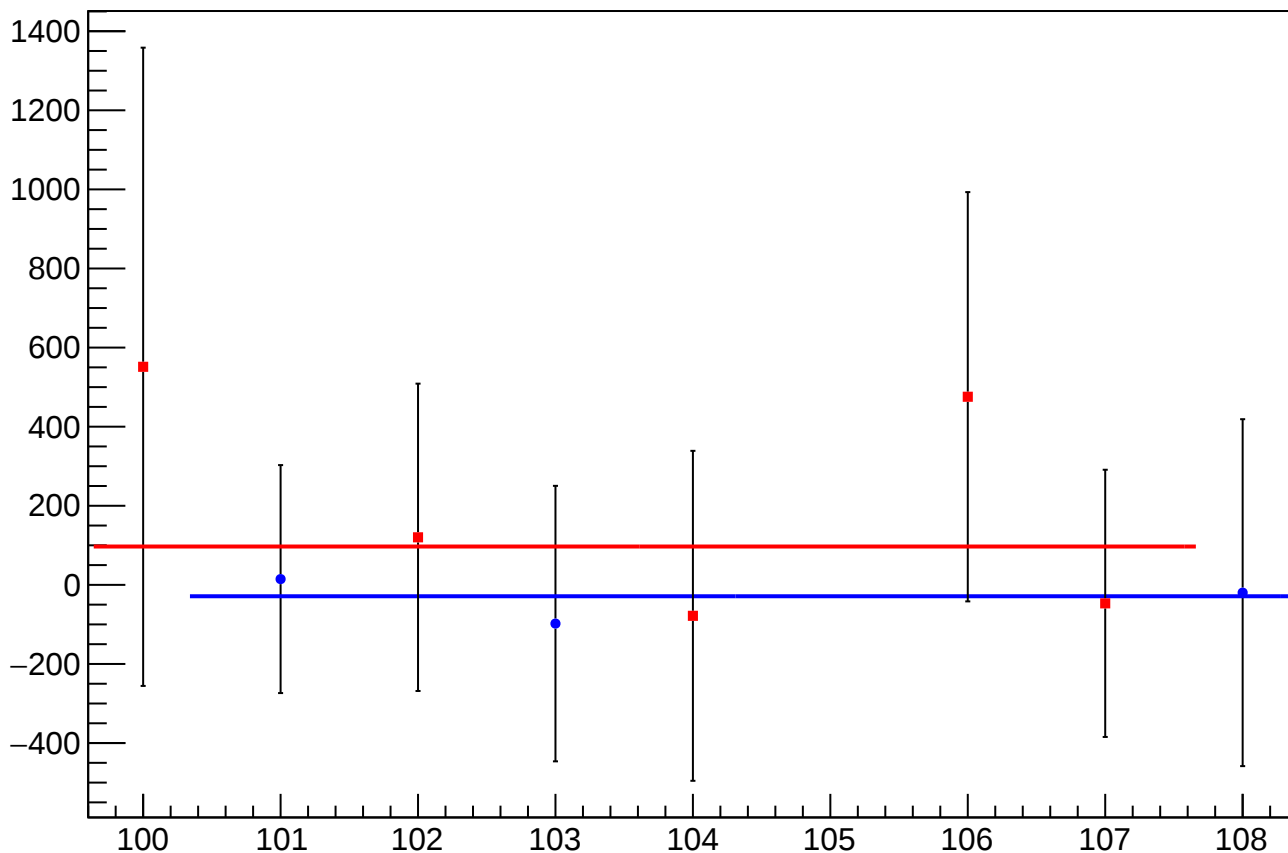
Right: 9.782+/-0.004 χ^2/NDF : 91623.9/7

In: 9.605+/-0.006 χ^2/NDF : 40894.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.782+/-0.004 χ^2/NDF : 91623.9/7

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -28.794+/-198.125 χ^2/NDF : 0.1/2

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

Right Out: 96.970+/-194.621 χ^2/NDF : 1.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

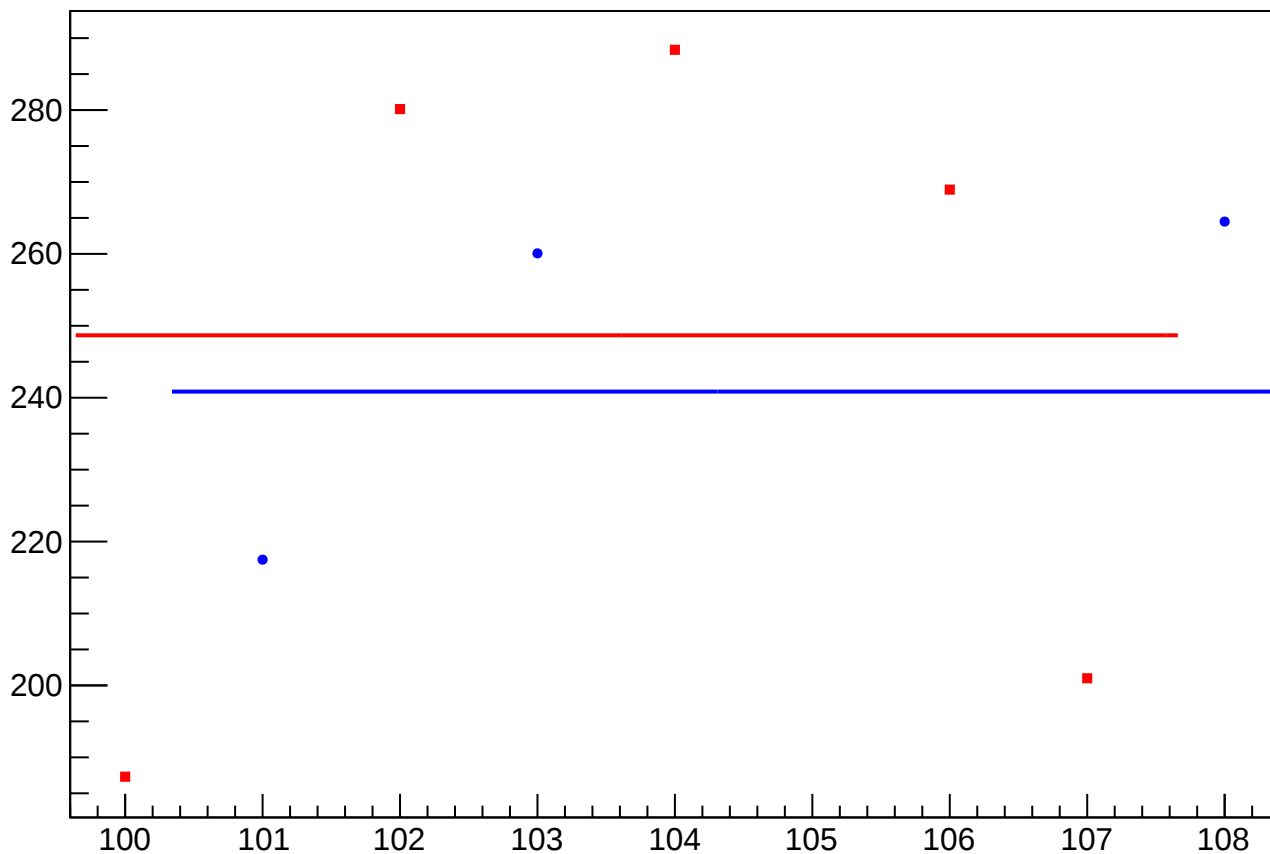
Right: 35.210+/-138.840 χ^2/NDF : 1.5/7

In: -28.794+/-198.125 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.210+/-138.840 χ^2/NDF : 1.5/7

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 240.853+/-0.140 χ^2/NDF : 25041.9/2

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

Right Out: 248.681+/-0.138 χ^2/NDF : 85697.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

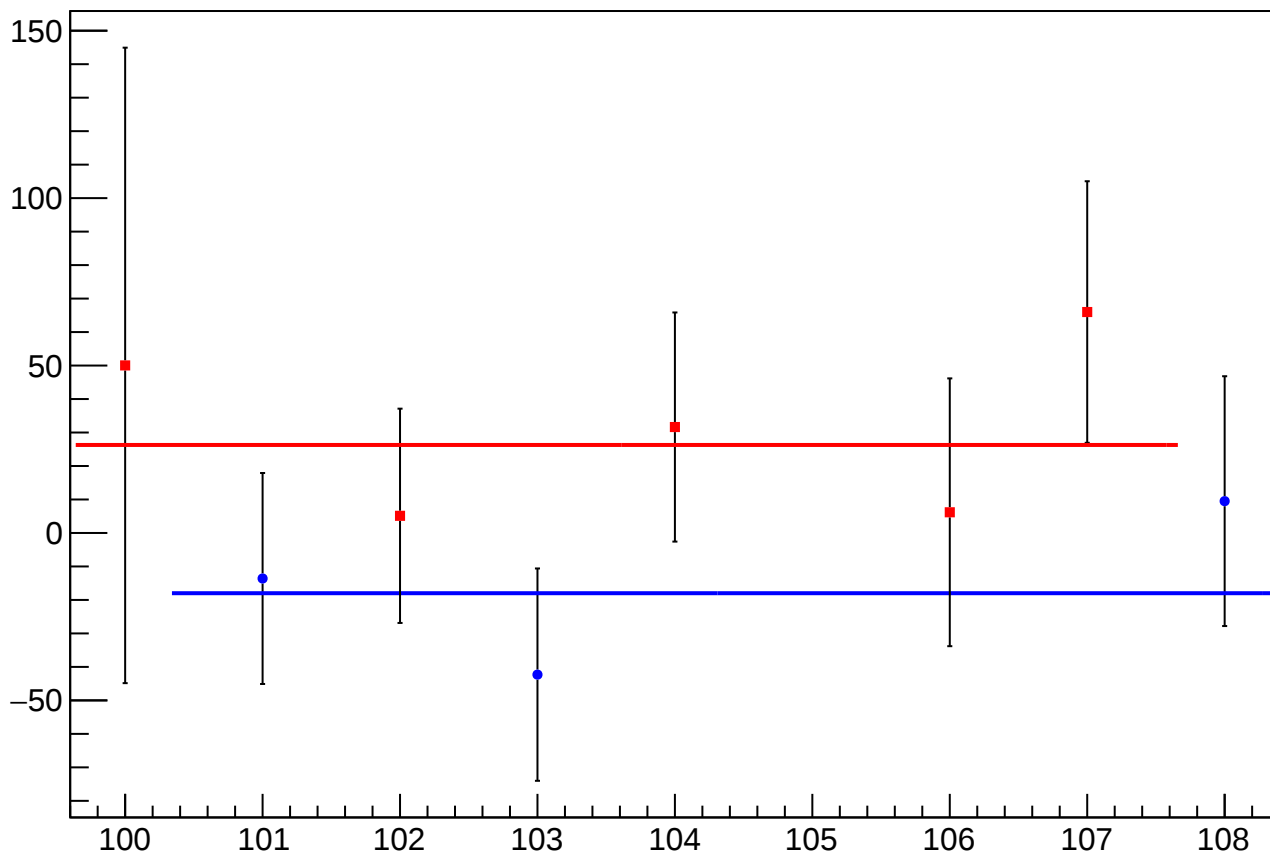
Right: 244.837+/-0.098 χ^2/NDF : 112328.6/7

In: 240.853+/-0.140 χ^2/NDF : 25041.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 244.837+/-0.098 χ^2/NDF : 112328.6/7

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -17.990 $\pm$ 19.171 χ^2 /NDF: 1.2/2

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

Right Out: 26.283 $\pm$ 17.615 χ^2 /NDF: 1.8/4

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

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

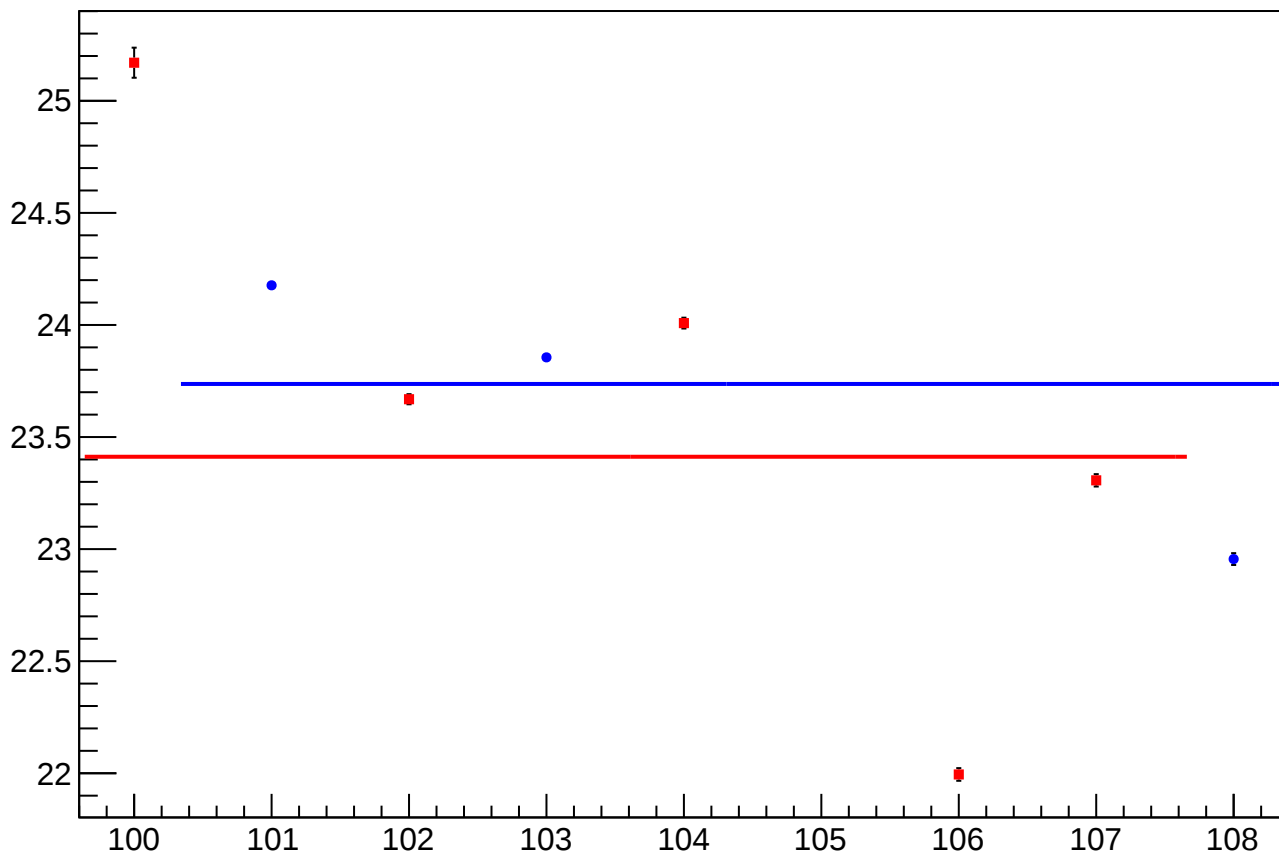
Right: 6.017 $\pm$ 12.971 χ^2 /NDF: 5.9/7

In: -17.990 $\pm$ 19.171 χ^2 /NDF:1.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 6.017 $\pm$ 12.971 χ^2 /NDF: 5.9/7

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 23.737 $\pm$ 0.014 χ^2 /NDF: 1295.5/2

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

Right Out: 23.412 $\pm$ 0.012 χ^2 /NDF: 3950.0/4

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

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

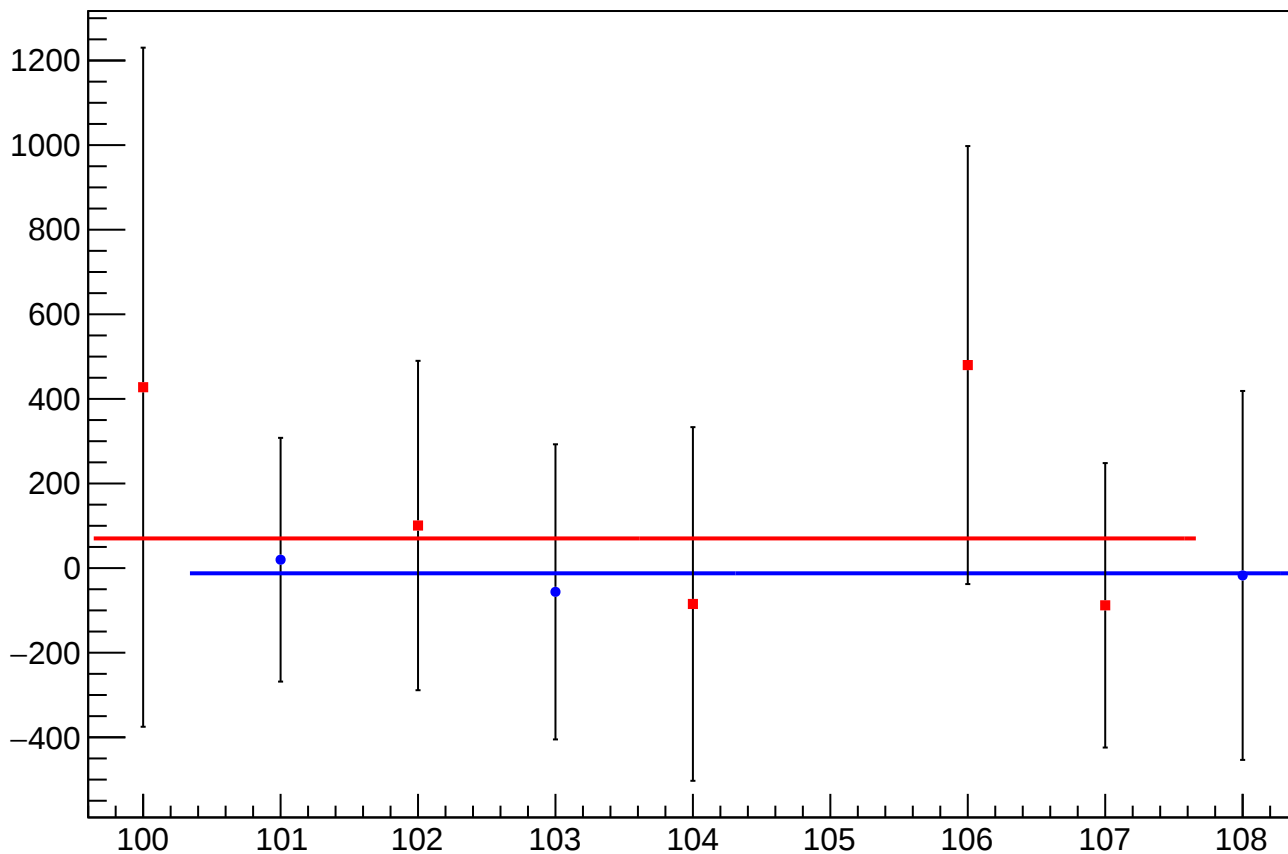
Right: 23.561 $\pm$ 0.009 χ^2 /NDF: 5556.7/7

In: 23.737 $\pm$ 0.014 χ^2 /NDF:1295.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 23.561 $\pm$ 0.009 χ^2 /NDF: 5556.7/7

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -12.311+/-197.943 χ^2/NDF : 0.0/2

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

Right Out: 70.138+/-194.451 χ^2/NDF : 1.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

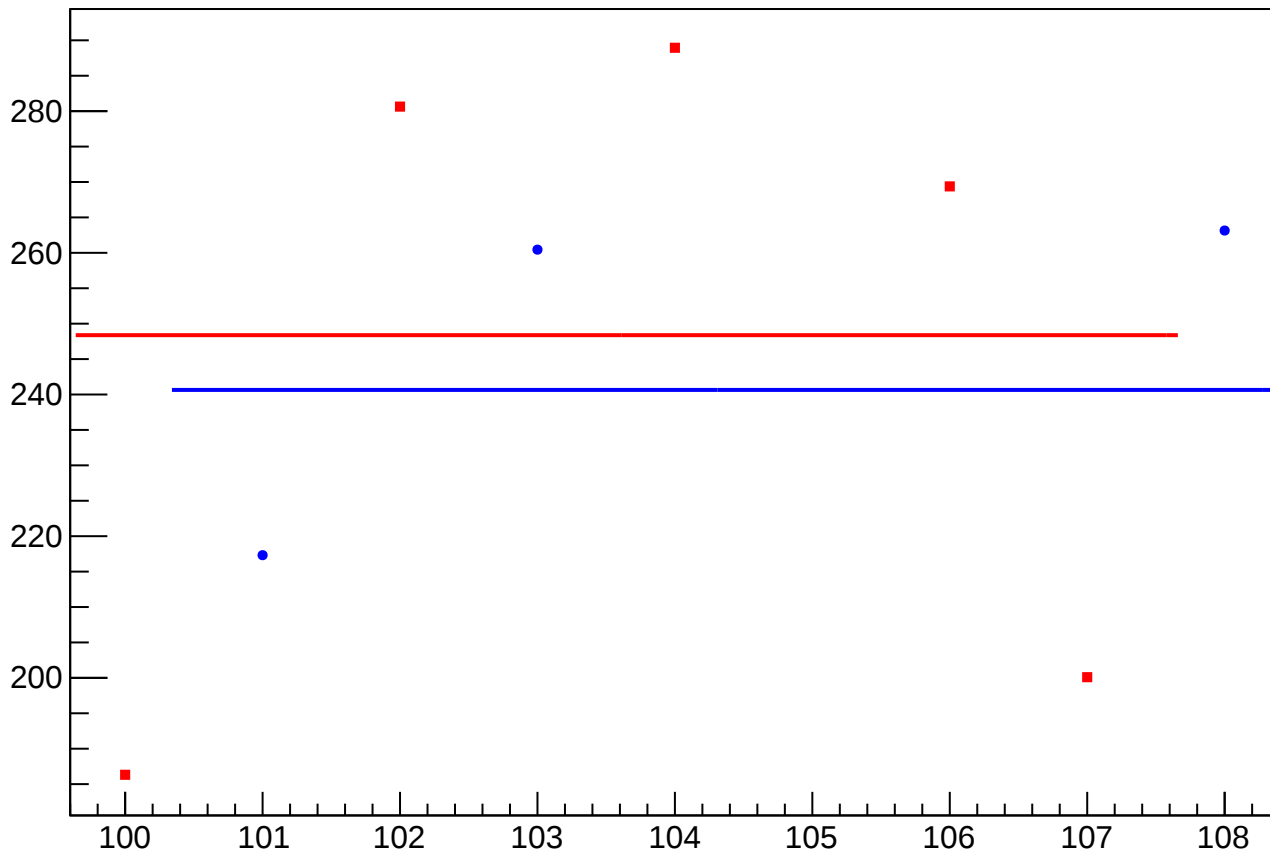
Right: 29.647+/-138.716 χ^2/NDF : 1.3/7

In: -12.311+/-197.943 χ^2/NDF : 0.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.647+/-138.716 χ^2/NDF : 1.3/7

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 240.648 $\pm$ 0.140 χ^2 /NDF: 24879.4/2

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

Right Out: 248.377 $\pm$ 0.137 χ^2 /NDF: 89057.3/4

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

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

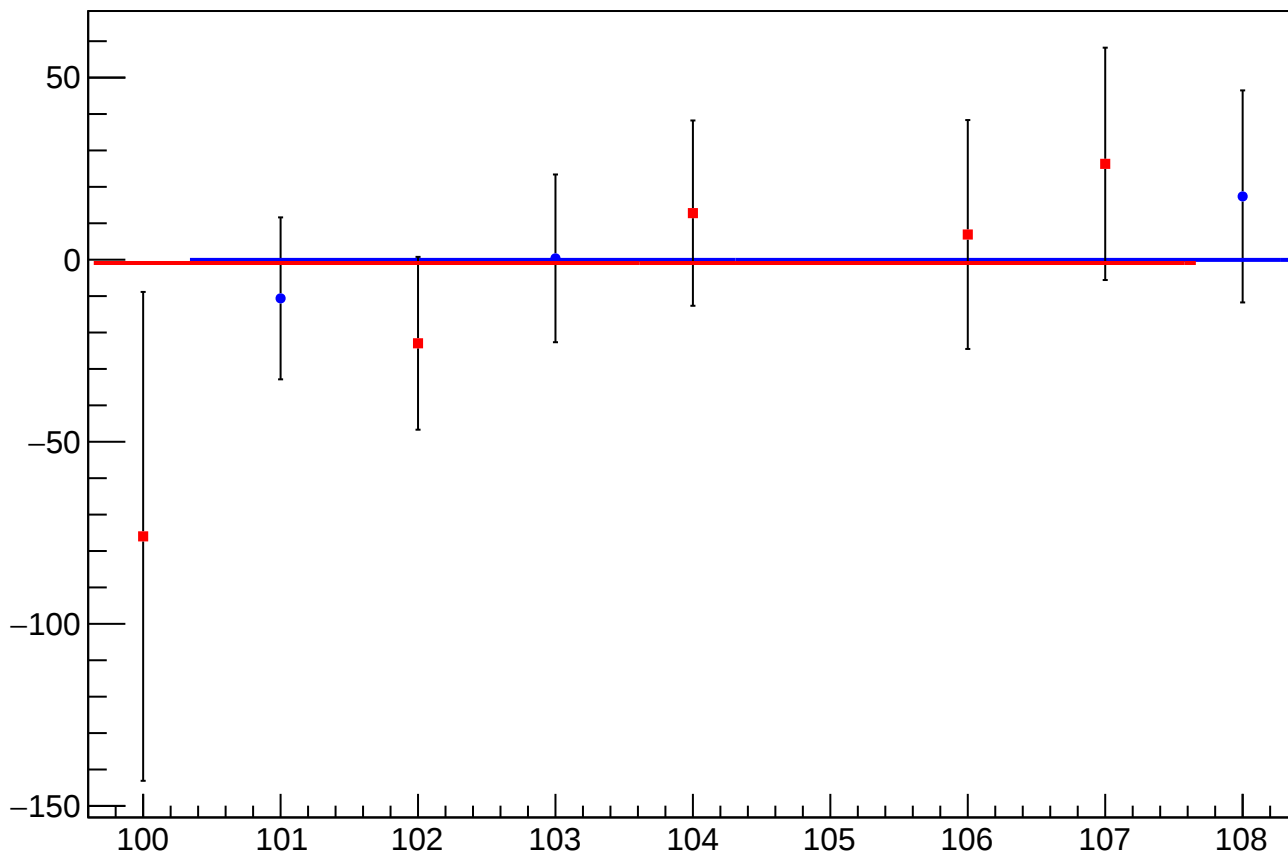
Right: 244.581 $\pm$ 0.098 χ^2 /NDF: 115488.8/7

In: 240.648 $\pm$ 0.140 χ^2 /NDF:24879.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 244.581 $\pm$ 0.098 χ^2 /NDF: 115488.8/7

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -0.056+/-14.021 χ^2/NDF : 0.6/2

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

Right Out: -0.908+/-13.438 χ^2/NDF : 3.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

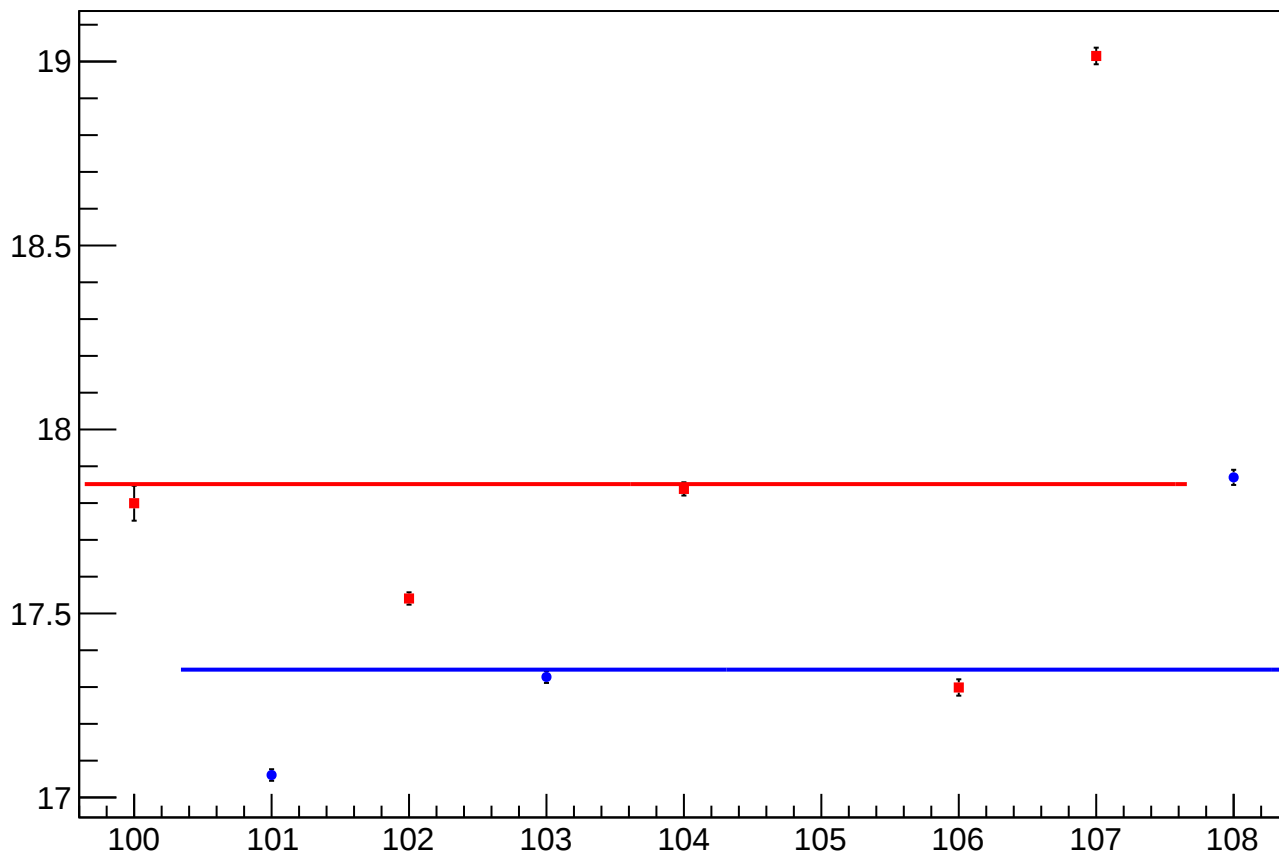
Right: -0.500+/-9.702 χ^2/NDF : 3.8/7

In: -0.056+/-14.021 χ^2/NDF : 0.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.500+/-9.702 χ^2/NDF : 3.8/7

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.347+/-0.010 χ^2/NDF : 977.4/2

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

Right Out: 17.852+/-0.010 χ^2/NDF : 3623.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

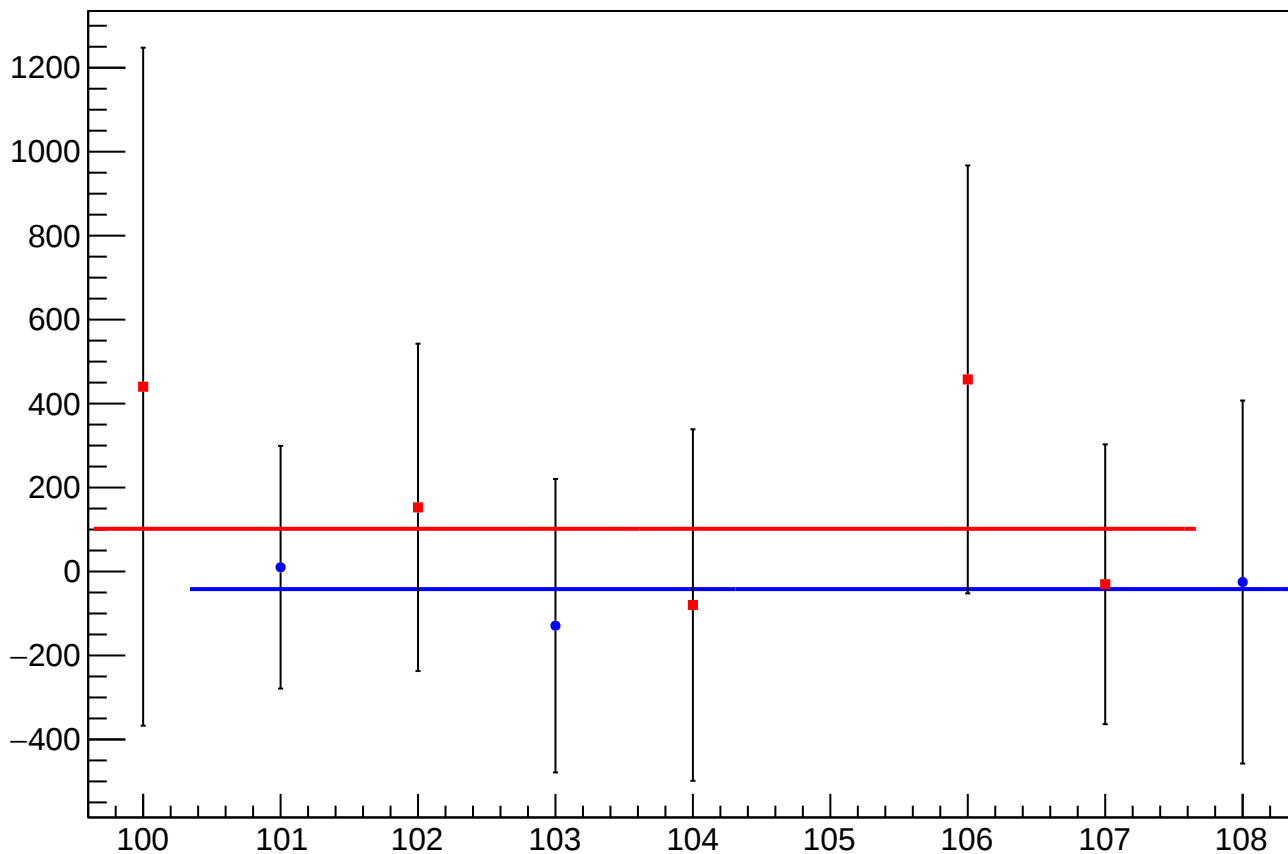
Right: 17.610+/-0.007 χ^2/NDF : 5949.4/7

In: 17.347+/-0.010 χ^2/NDF : 977.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.610+/-0.007 χ^2/NDF : 5949.4/7

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -41.915 $\pm$ 198.019 χ^2 /NDF: 0.1/2

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

Right Out: 101.735 $\pm$ 193.642 χ^2 /NDF: 1.0/4

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

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

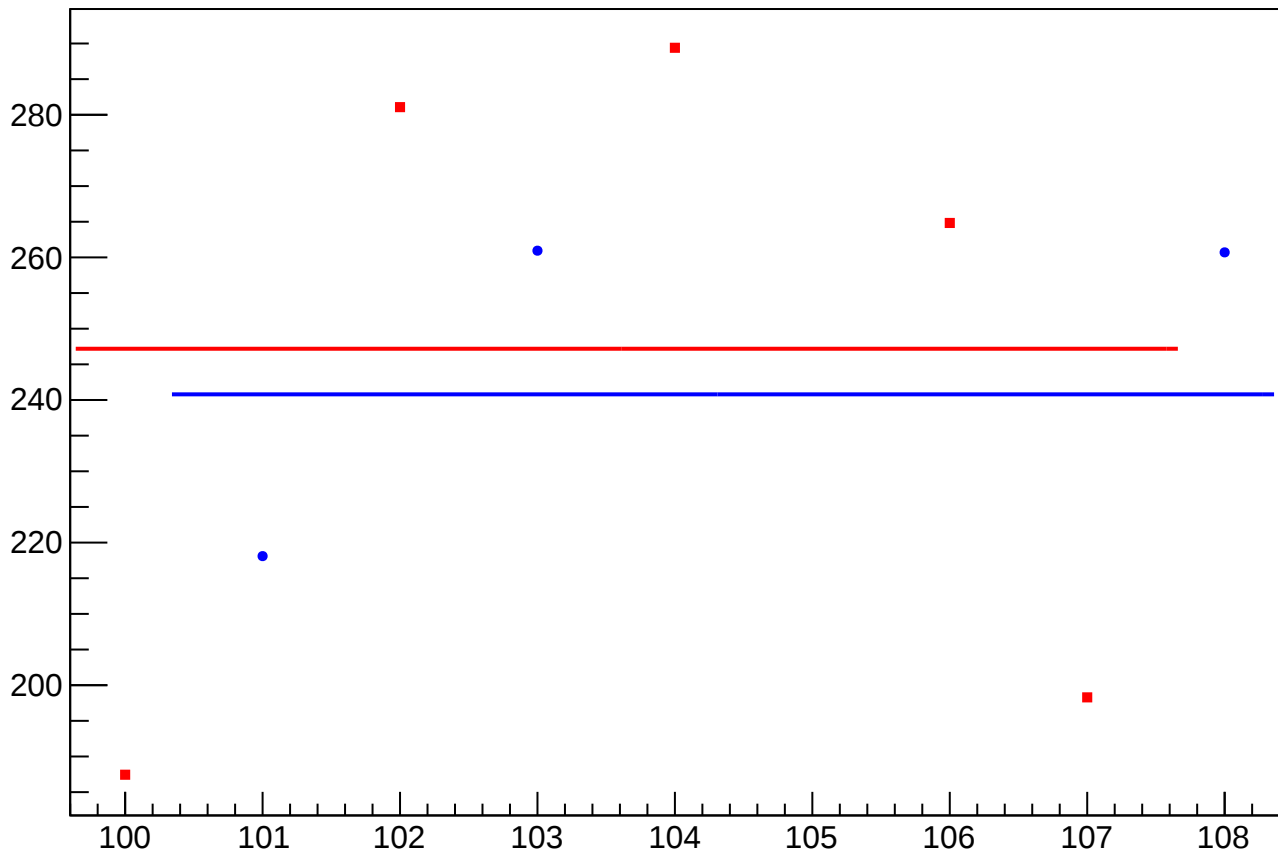
Right: 31.515 $\pm$ 138.447 χ^2 /NDF: 1.4/7

In: -41.915 $\pm$ 198.019 χ^2 /NDF: 0.1/2

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

All: 31.515 $\pm$ 138.447 χ^2 /NDF: 1.4/7

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 240.792 $\pm$ 0.140 χ^2 /NDF: 23211.5/2

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

Right Out: 247.188 $\pm$ 0.137 χ^2 /NDF: 91821.2/4

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

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

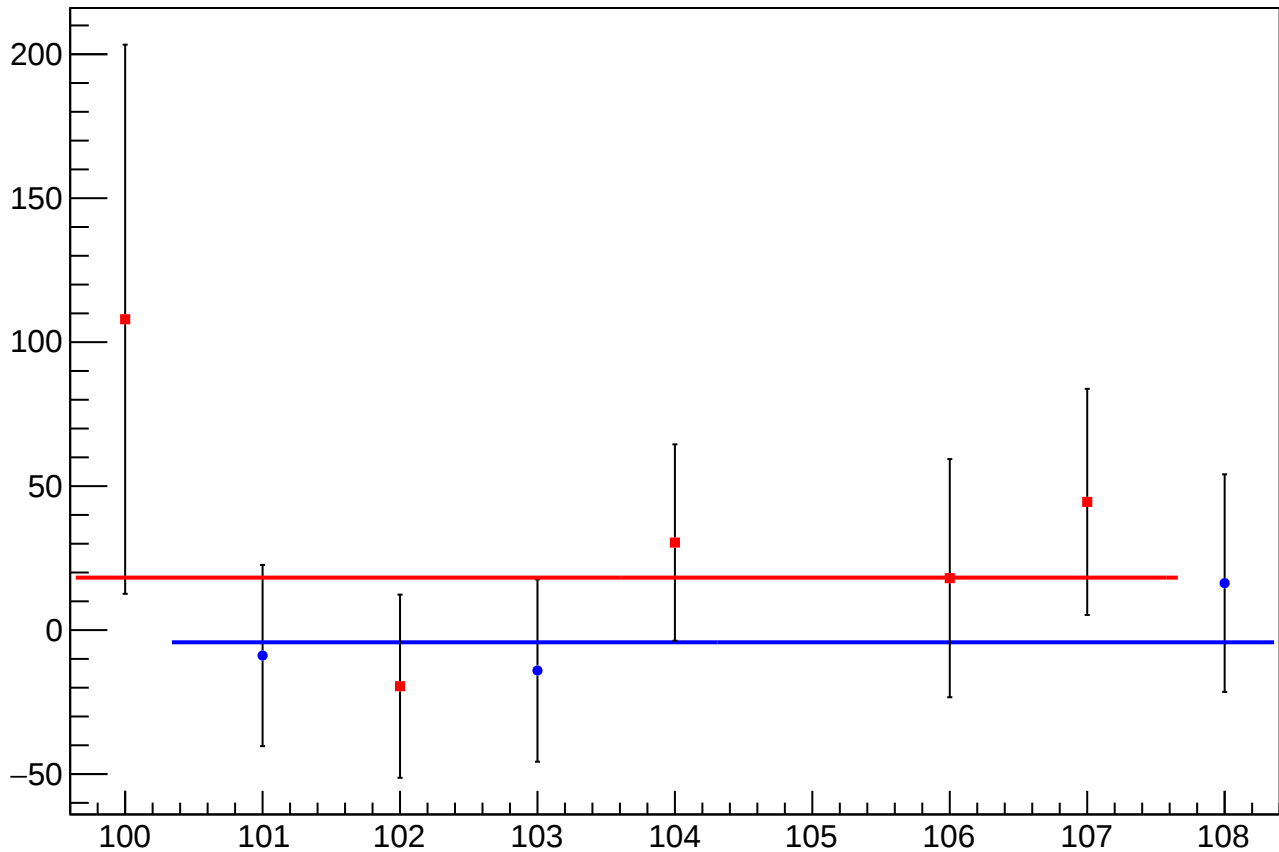
Right: 244.061 $\pm$ 0.098 χ^2 /NDF: 116099.2/7

In: 240.792 $\pm$ 0.140 χ^2 /NDF:23211.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 244.061 $\pm$ 0.098 χ^2 /NDF: 116099.2/7

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.237+/-19.220 χ^2/NDF : 0.4/2

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

Right Out: 18.229+/-17.704 χ^2/NDF : 2.9/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

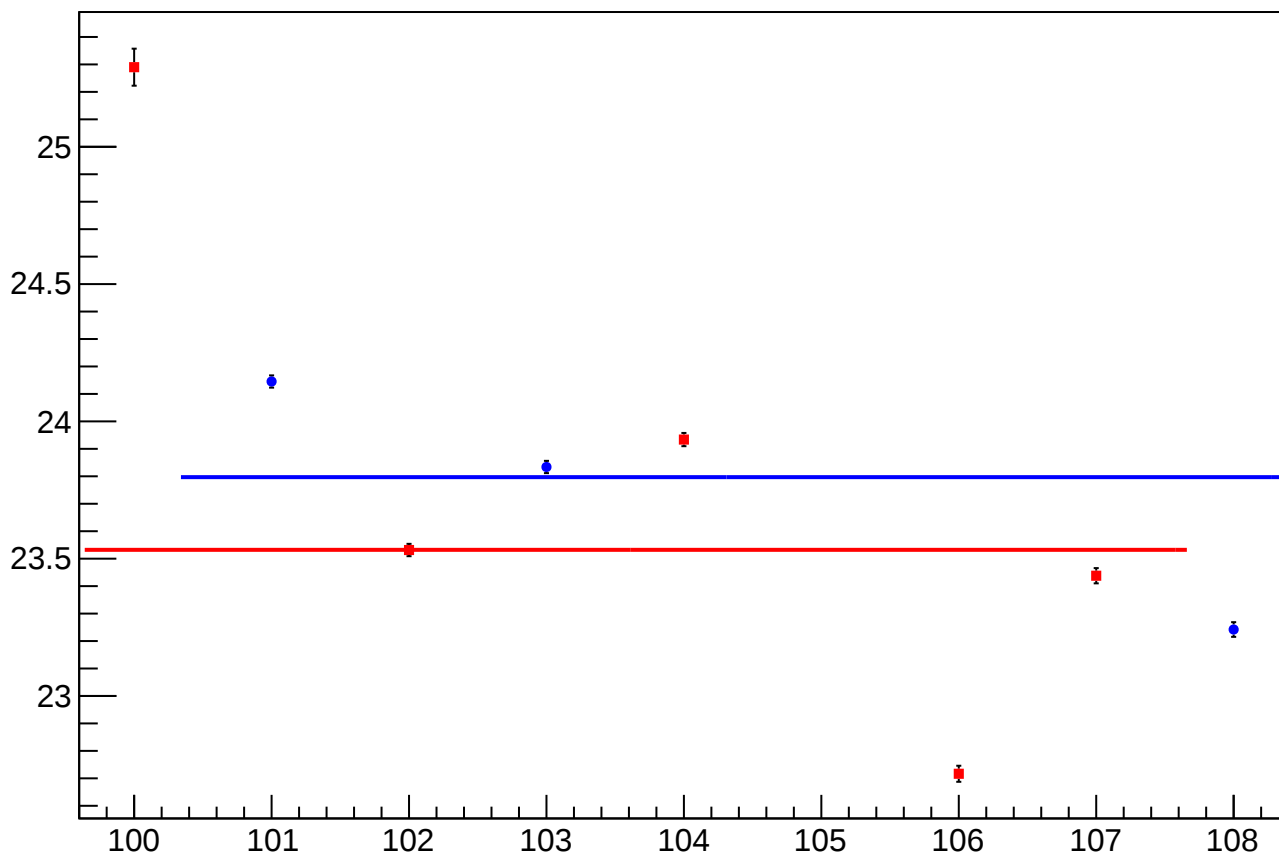
Right: 7.917+/-13.021 χ^2/NDF : 4.0/7

In: -4.237+/-19.220 χ^2/NDF :0.4/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7.917+/-13.021 χ^2/NDF : 4.0/7

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 23.797+/-0.014 χ^2/NDF : 679.2/2

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

Right Out: 23.532+/-0.013 χ^2/NDF : 1745.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

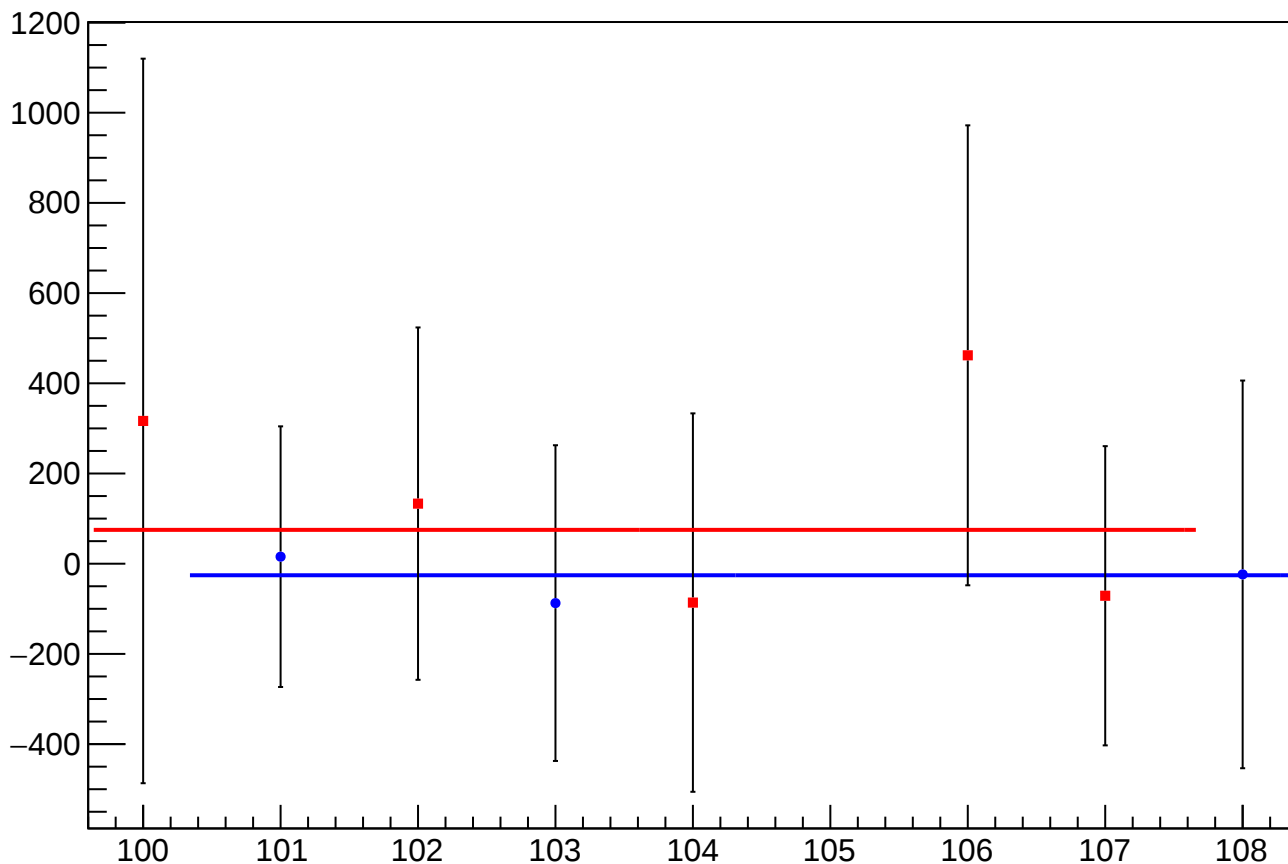
Right: 23.654+/-0.009 χ^2/NDF : 2630.4/7

In: 23.797+/-0.014 χ^2/NDF : 679.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.654+/-0.009 χ^2/NDF : 2630.4/7

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -25.606 $\pm$ 197.822 χ^2 /NDF: 0.1/2

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

Right Out: 75.034 $\pm$ 193.459 χ^2 /NDF: 1.0/4

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

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

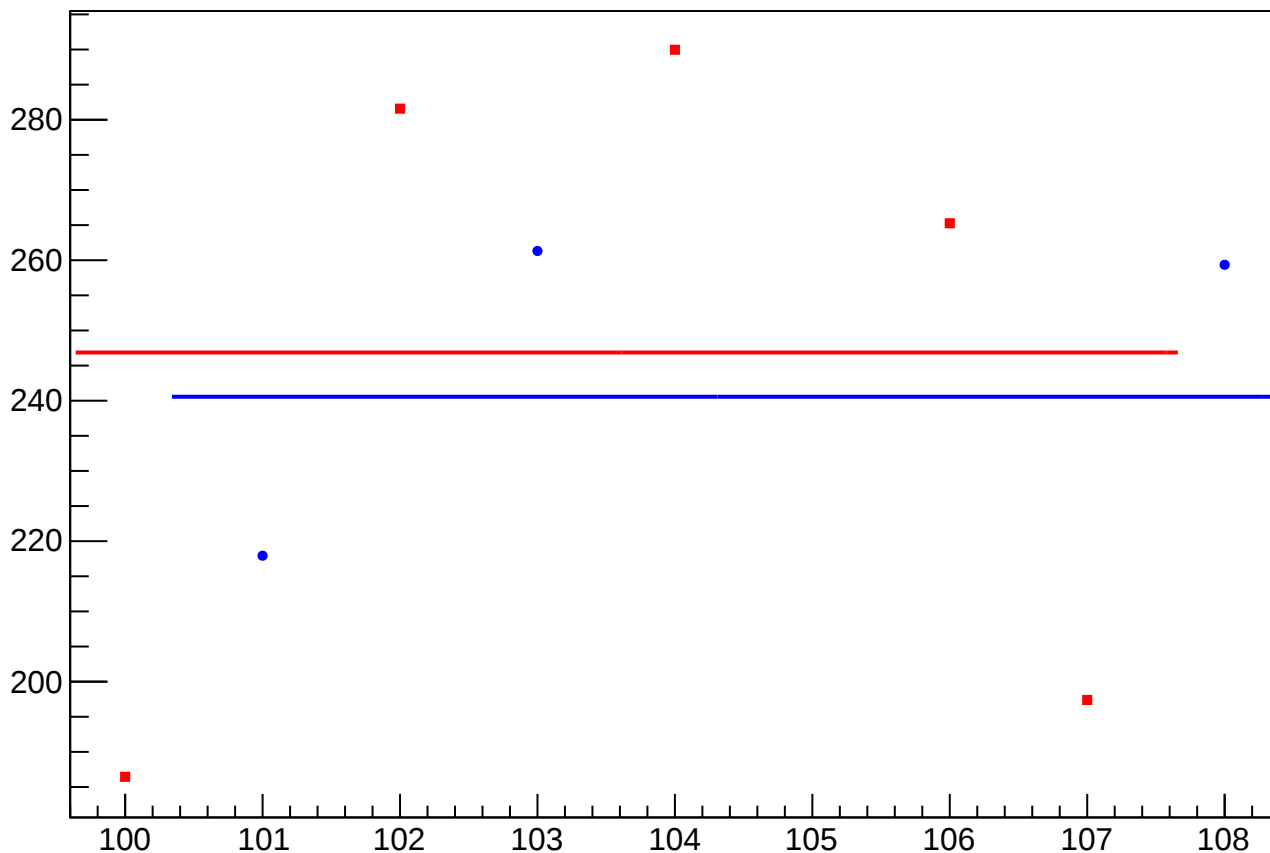
Right: 25.836 $\pm$ 138.313 χ^2 /NDF: 1.2/7

In: -25.606 $\pm$ 197.822 χ^2 /NDF: 0.1/2

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

All: 25.836 $\pm$ 138.313 χ^2 /NDF: 1.2/7

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 240.565+/-0.140 χ^2/NDF : 23124.6/2

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

Right Out: 246.864+/-0.137 χ^2/NDF : 95303.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

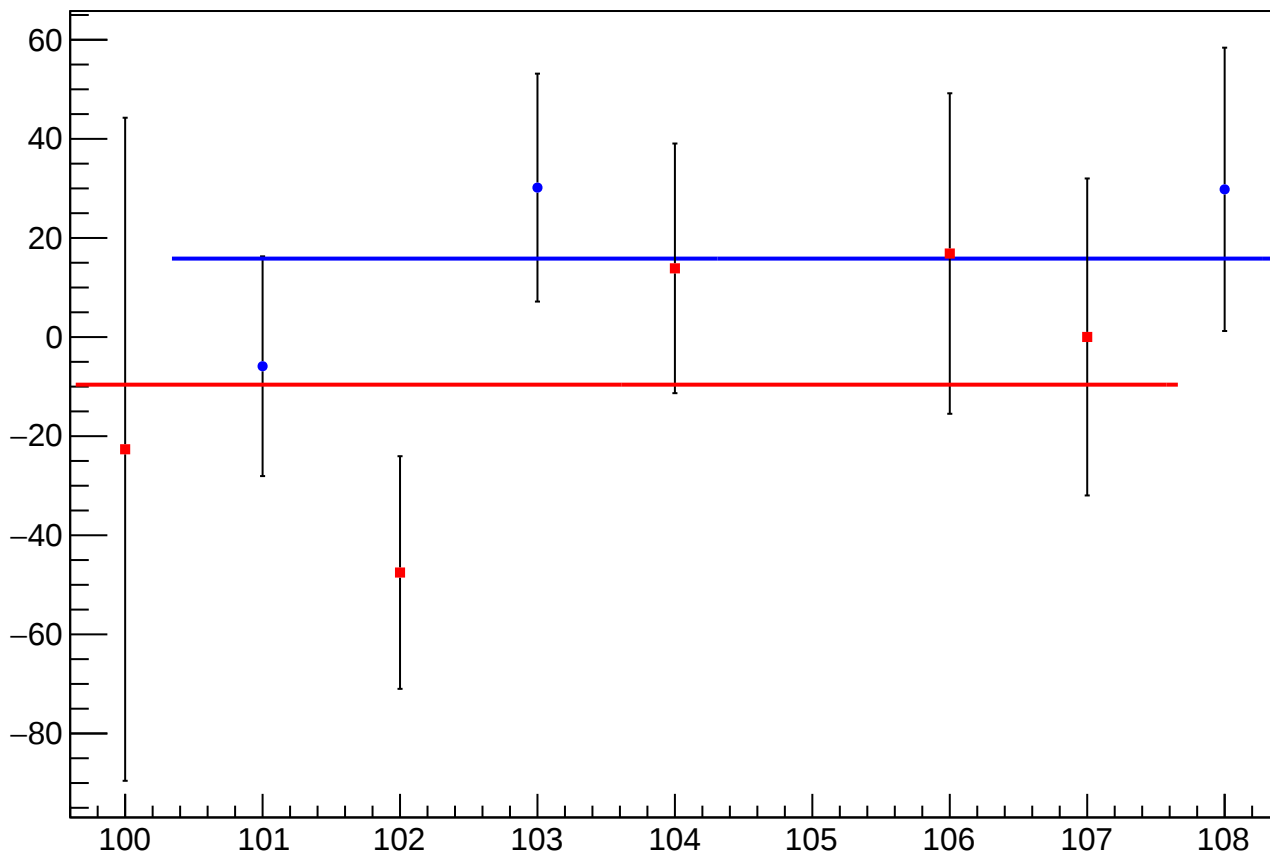
Right: 243.785+/-0.098 χ^2/NDF : 119464.8/7

In: 240.565+/-0.140 χ^2/NDF : 23124.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 243.785+/-0.098 χ^2/NDF : 119464.8/7

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 15.837+/-13.937 χ^2/NDF : 1.6/2

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

Right Out: -9.605+/-13.427 χ^2/NDF : 4.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

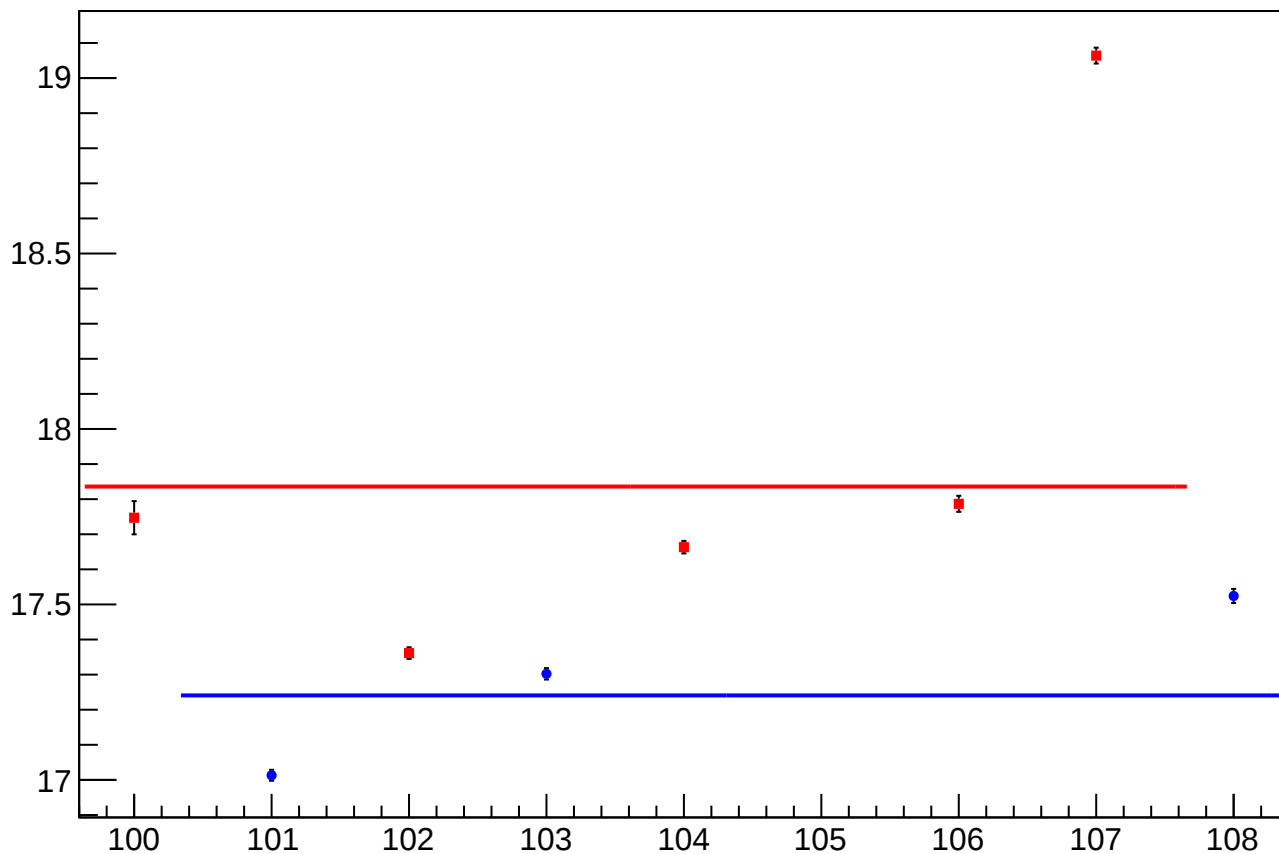
Right: 2.642+/-9.670 χ^2/NDF : 7.6/7

In: 15.837+/-13.937 χ^2/NDF : 1.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.642+/-9.670 χ^2/NDF : 7.6/7

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.241+/-0.010 χ^2/NDF : 421.5/2

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

Right Out: 17.836+/-0.009 χ^2/NDF : 3867.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

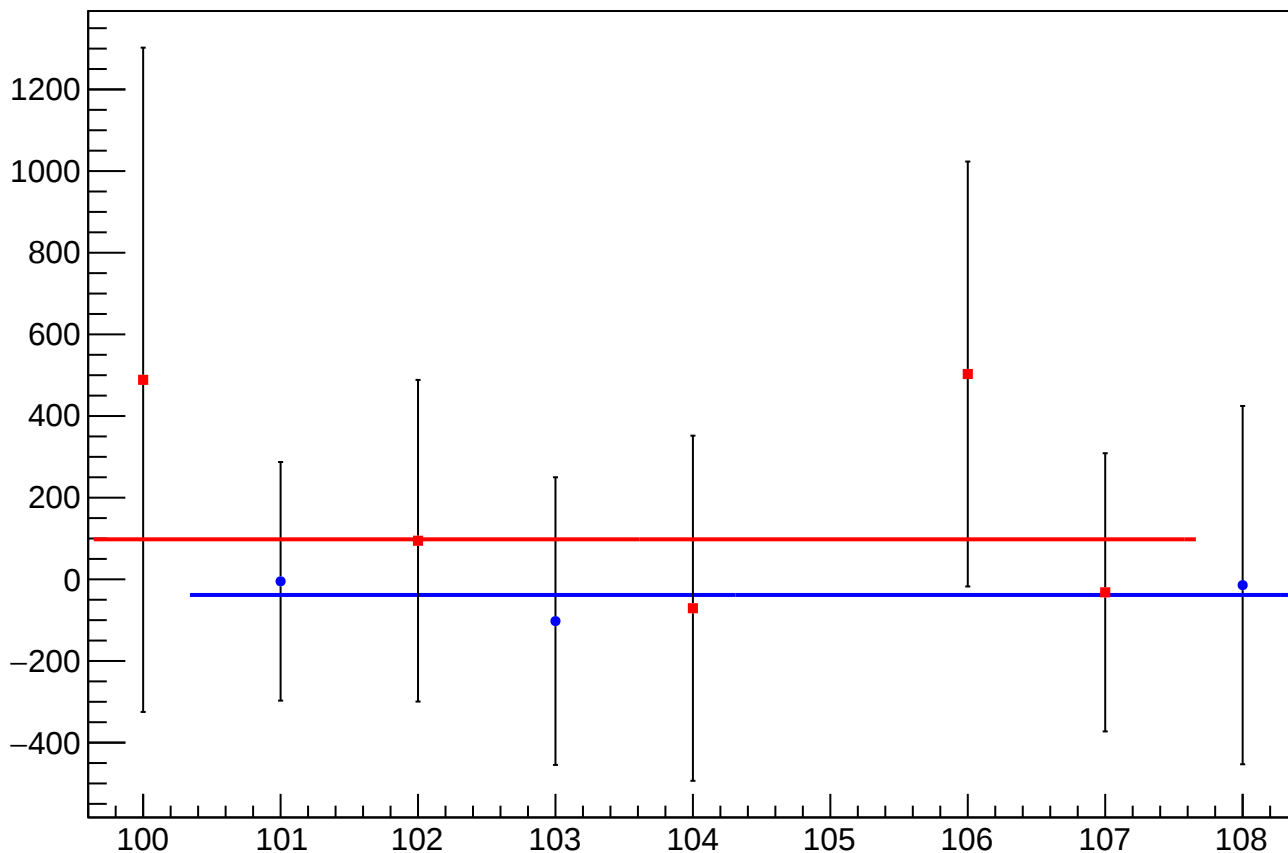
Right: 17.549+/-0.007 χ^2/NDF : 6180.7/7

In: 17.241+/-0.010 χ^2/NDF : 421.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.549+/-0.007 χ^2/NDF : 6180.7/7

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -38.269+/-200.169 χ^2/NDF : 0.0/2

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

Right Out: 97.994+/-196.657 χ^2/NDF : 1.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

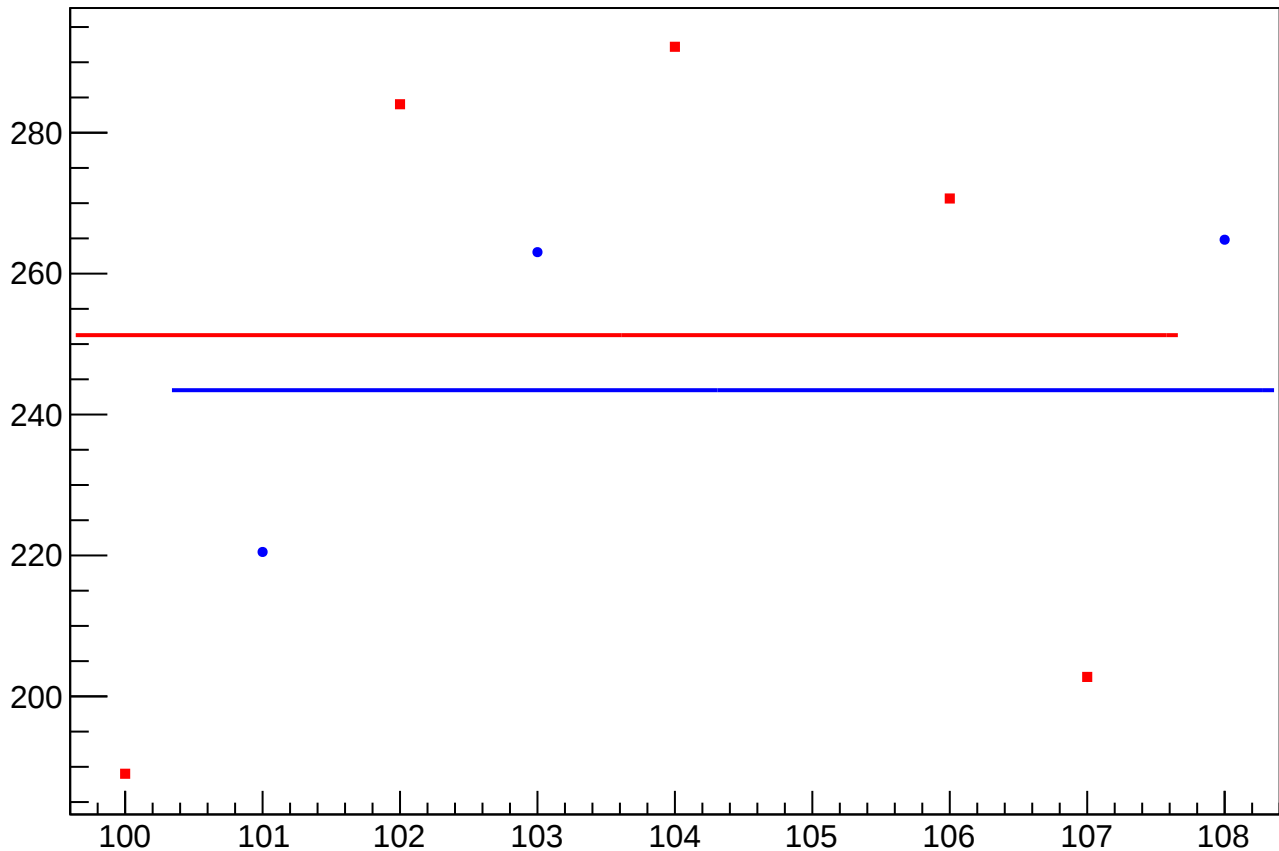
Right: 31.069+/-140.283 χ^2/NDF : 1.4/7

In: -38.269+/-200.169 χ^2/NDF : 0.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.069+/-140.283 χ^2/NDF : 1.4/7

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 243.456+/-0.142 χ^2/NDF : 23265.7/2

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

Right Out: 251.268+/-0.139 χ^2/NDF : 87617.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

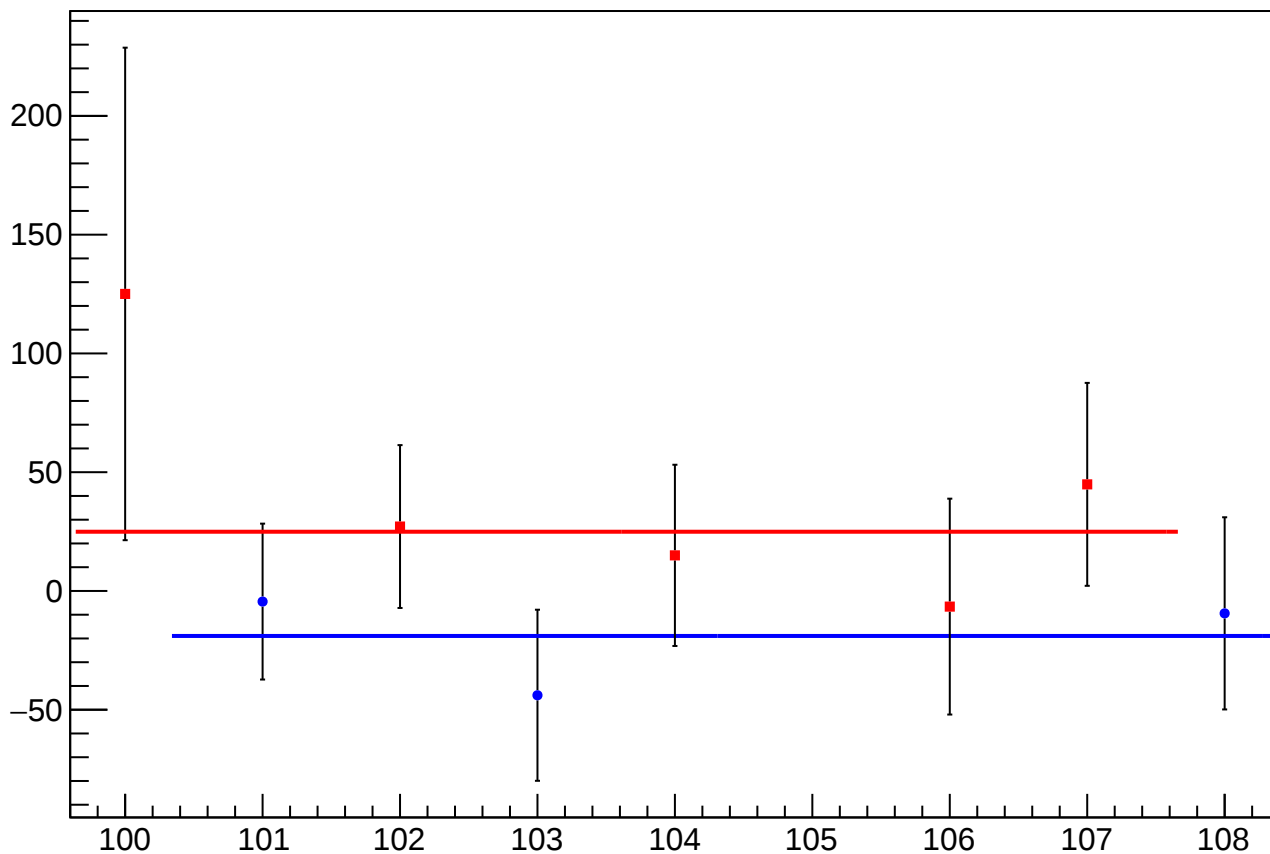
Right: 247.431+/-0.099 χ^2/NDF : 112433.7/7

In: 243.456+/-0.142 χ^2/NDF : 23265.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 247.431+/-0.099 χ^2/NDF : 112433.7/7

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -18.944 ± 20.803 χ^2/NDF : 0.7/2

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

Right Out: 24.936 ± 19.377 χ^2/NDF : 1.7/4

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

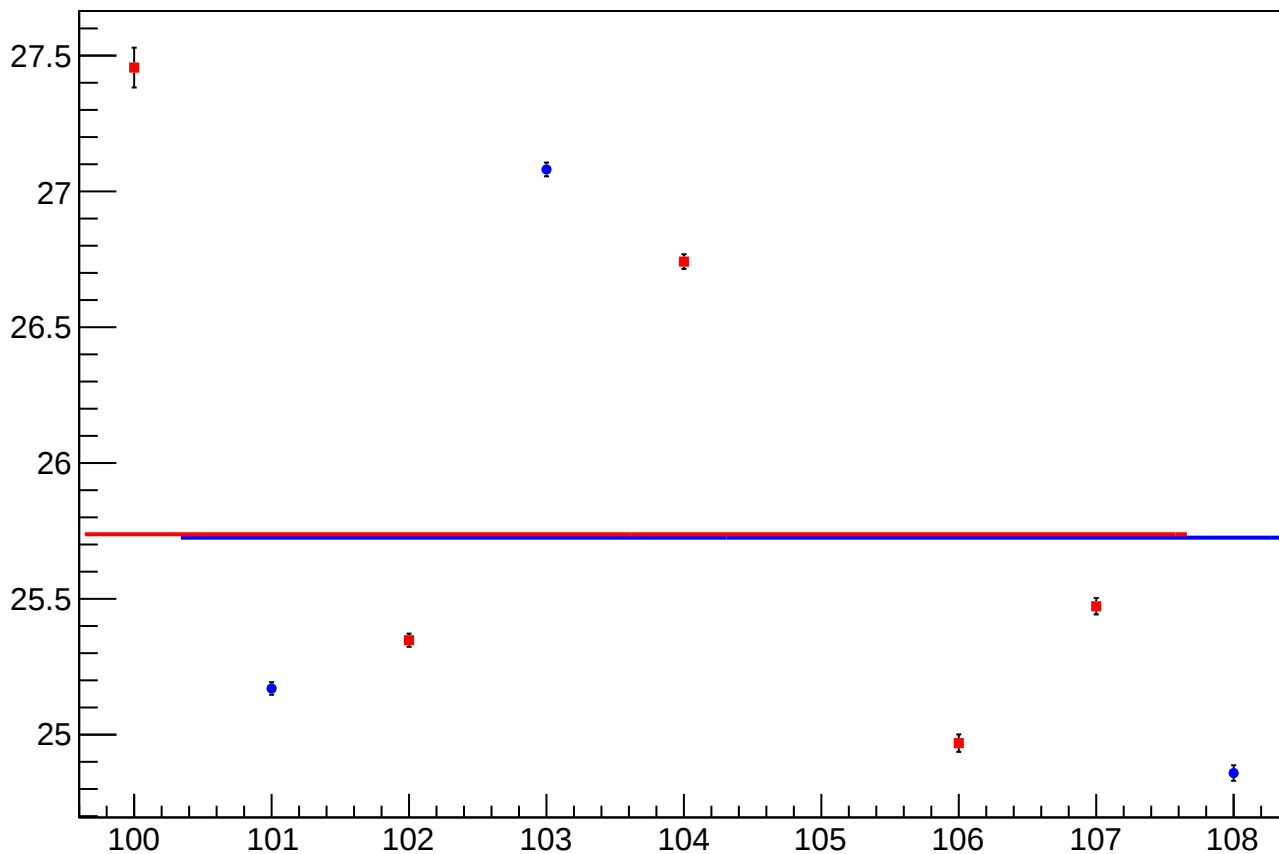
Right: 4.551 ± 14.179 χ^2/NDF : 4.8/7

In: -18.944 ± 20.803 χ^2/NDF : 0.7/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 4.551 ± 14.179 χ^2/NDF : 4.8/7

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.725+/-0.015 χ^2/NDF : 4323.7/2

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

Right Out: 25.738+/-0.014 χ^2/NDF : 2842.6/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

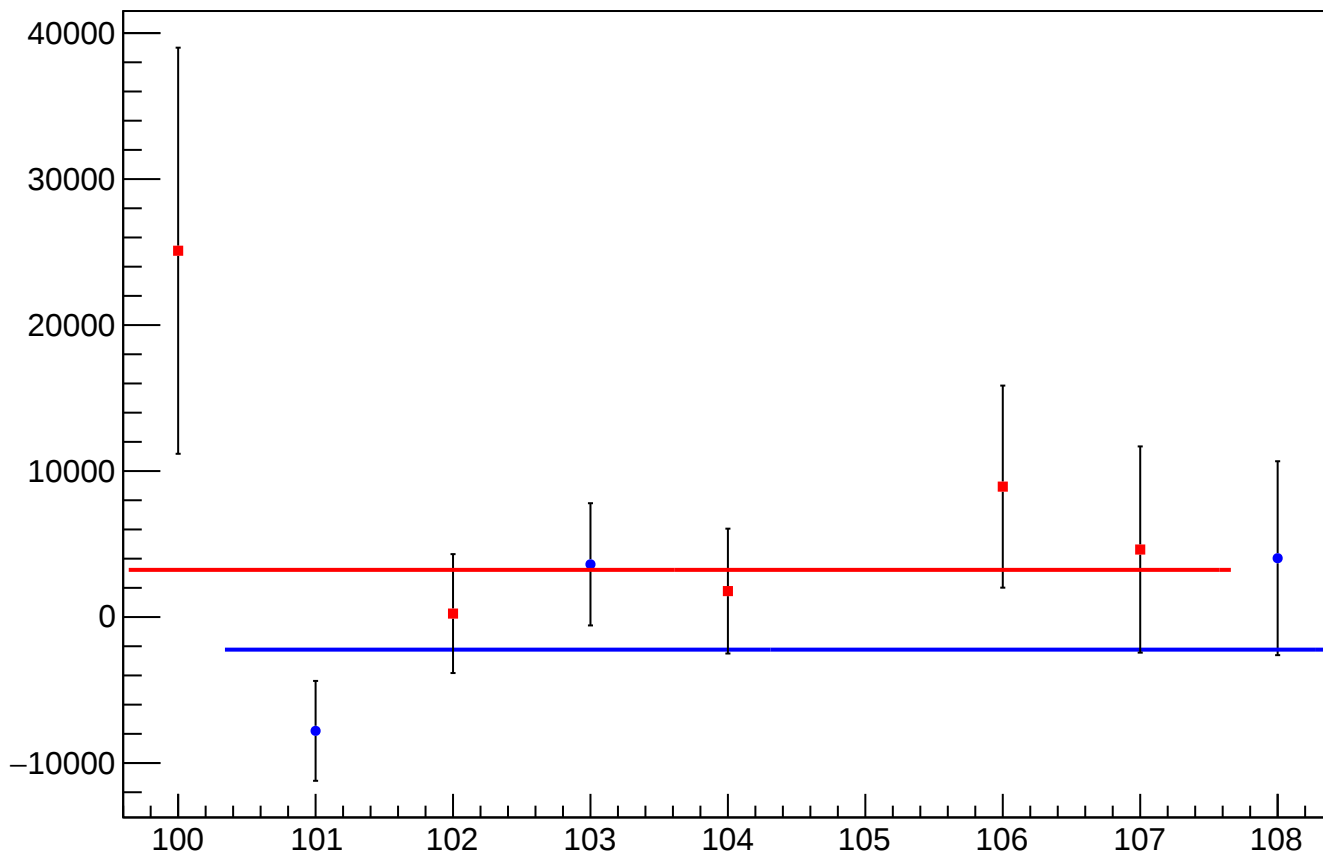
Right: 25.732+/-0.010 χ^2/NDF : 7166.6/7

In: 25.725+/-0.015 χ^2/NDF :4323.7/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 25.732+/-0.010 χ^2/NDF : 7166.6/7

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -2232.039+/-2460.291 χ^2/NDF : 5.5/2

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

Right Out: 3231.825+/-2491.727 χ^2/NDF : 3.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

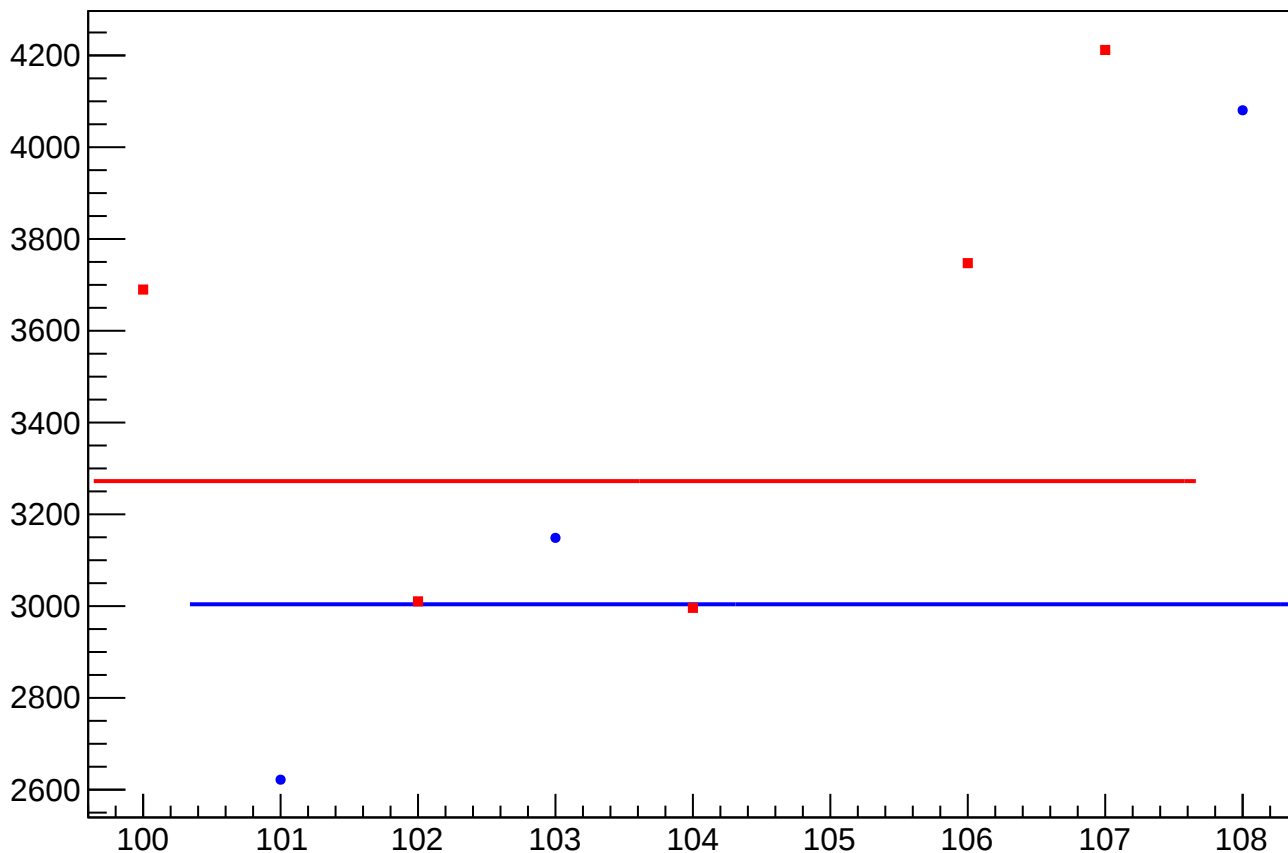
Right: 465.209+/-1750.697 χ^2/NDF : 11.8/7

In: -2232.039+/-2460.291 χ^2/NDF : 5.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 465.209+/-1750.697 χ^2/NDF : 11.8/7

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 3003.997+/-1.740 χ^2/NDF : 79910.7/2

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

Right Out: 3272.422+/-1.762 χ^2/NDF : 63230.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

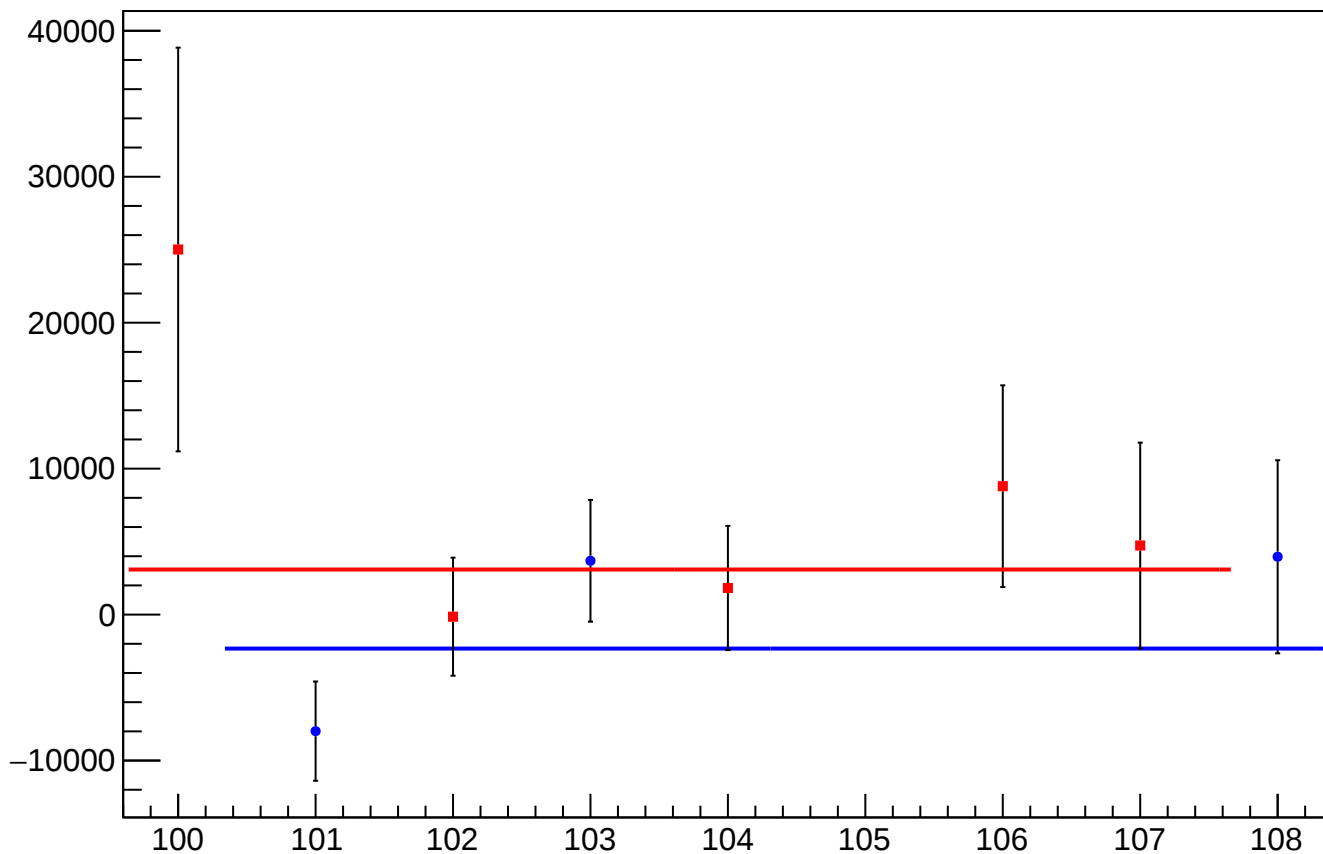
Right: 3136.505+/-1.238 χ^2/NDF : 154893.5/7

In: 3003.997+/-1.740 χ^2/NDF : 79910.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3136.505+/-1.238 χ^2/NDF : 154893.5/7

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -2326.174+/-2448.902 χ^2/NDF : 5.8/2

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

Right Out: 3088.360+/-2479.698 χ^2/NDF : 4.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

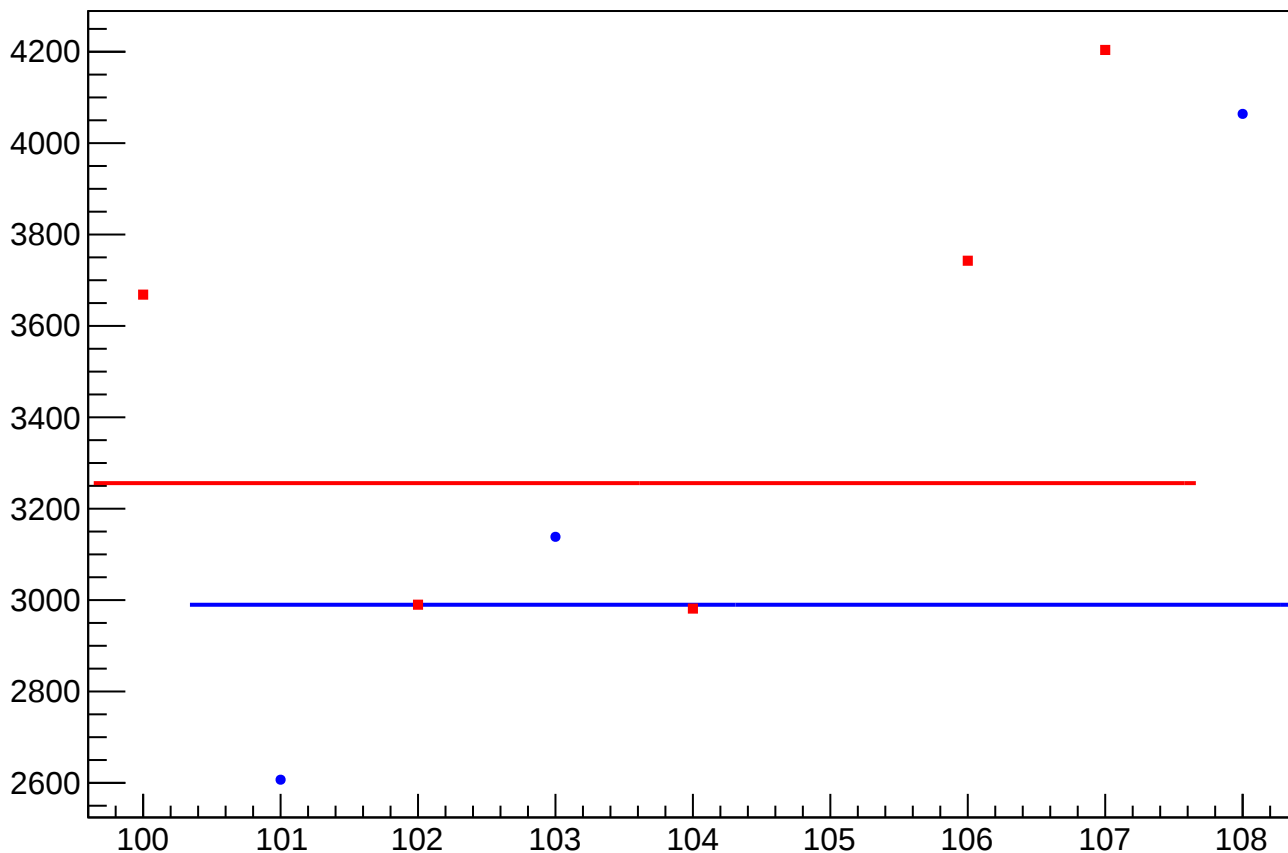
Right: 347.262+/-1742.421 χ^2/NDF : 12.1/7

In: -2326.174+/-2448.902 χ^2/NDF : 5.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 347.262+/-1742.421 χ^2/NDF : 12.1/7

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 2989.802+/-1.732 χ^2/NDF : 80637.8/2

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

Right Out: 3255.969+/-1.753 χ^2/NDF : 64835.3/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

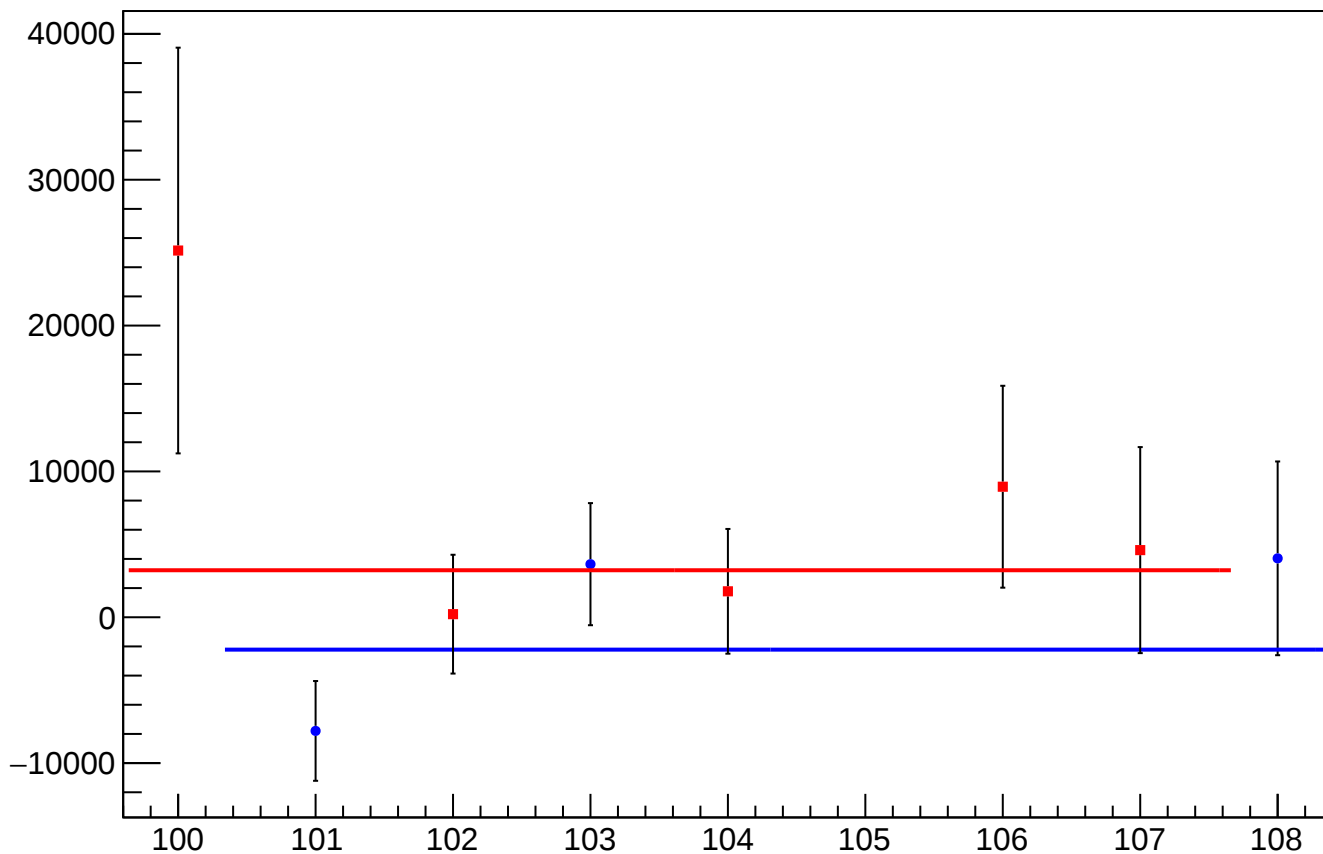
Right: 3121.223+/-1.232 χ^2/NDF : 157138.6/7

In: 2989.802+/-1.732 χ^2/NDF :80637.8/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3121.223+/-1.232 χ^2/NDF : 157138.6/7

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -2219.701+/-2460.357 χ^2/NDF : 5.5/2

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

Right Out: 3223.317+/-2491.793 χ^2/NDF : 3.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

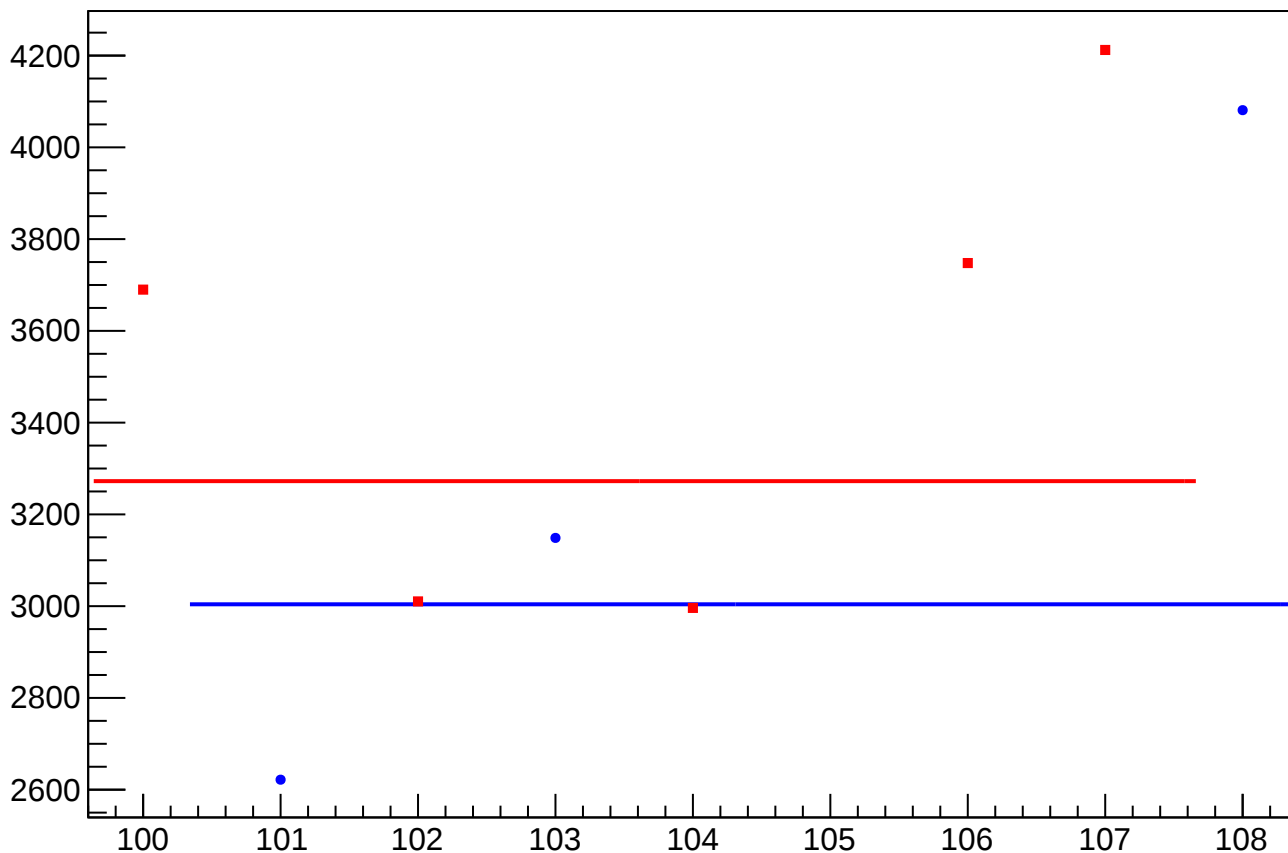
Right: 467.257+/-1750.743 χ^2/NDF : 11.8/7

In: -2219.701+/-2460.357 χ^2/NDF : 5.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 467.257+/-1750.743 χ^2/NDF : 11.8/7

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 3004.056+/-1.740 χ^2/NDF : 79952.7/2

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

Right Out: 3272.489+/-1.762 χ^2/NDF : 63266.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

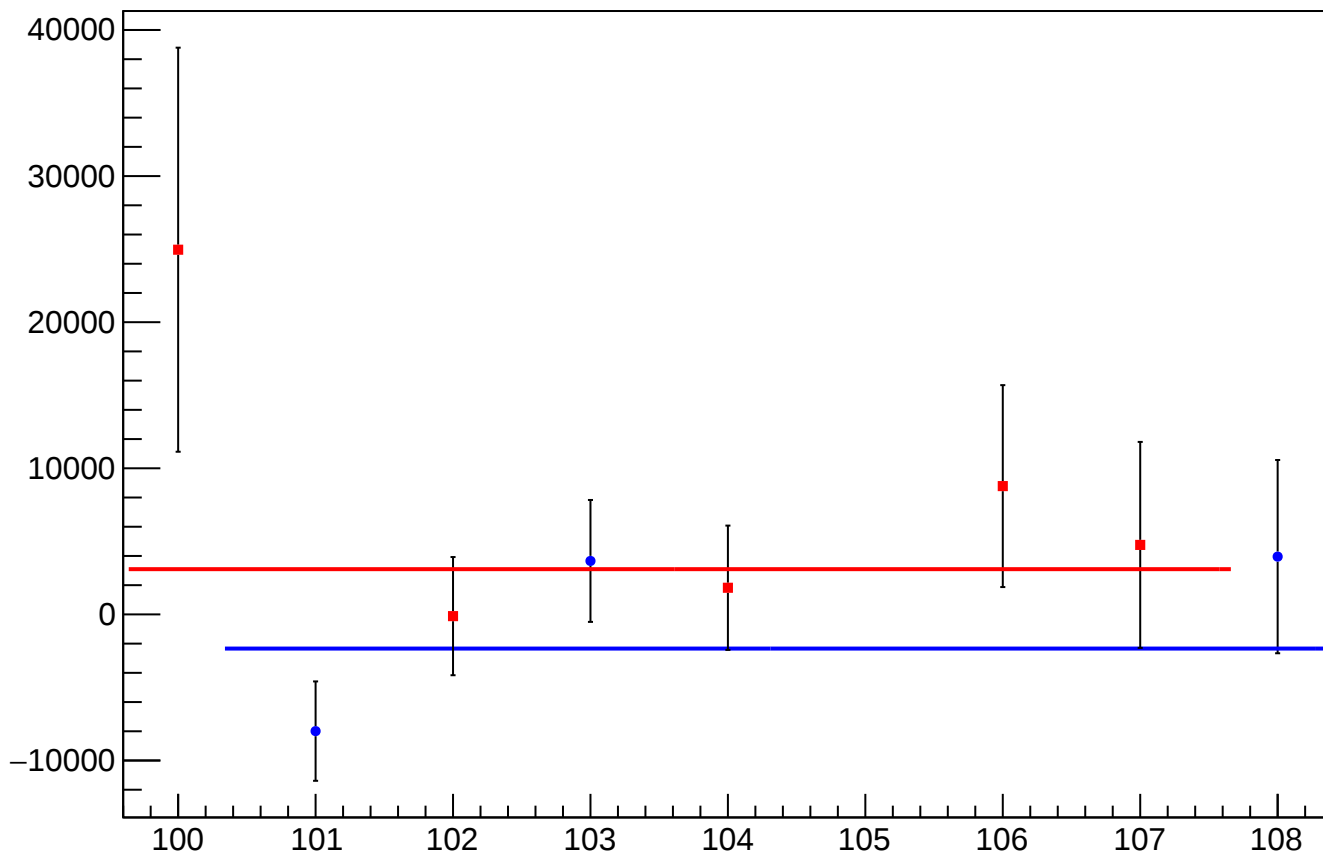
Right: 3136.568+/-1.238 χ^2/NDF : 154971.3/7

In: 3004.056+/-1.740 χ^2/NDF : 79952.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3136.568+/-1.238 χ^2/NDF : 154971.3/7

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -2338.792 $\pm$ 2448.805 χ^2 /NDF: 5.7/2

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

Right Out: 3096.108 $\pm$ 2479.595 χ^2 /NDF: 4.0/4

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

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

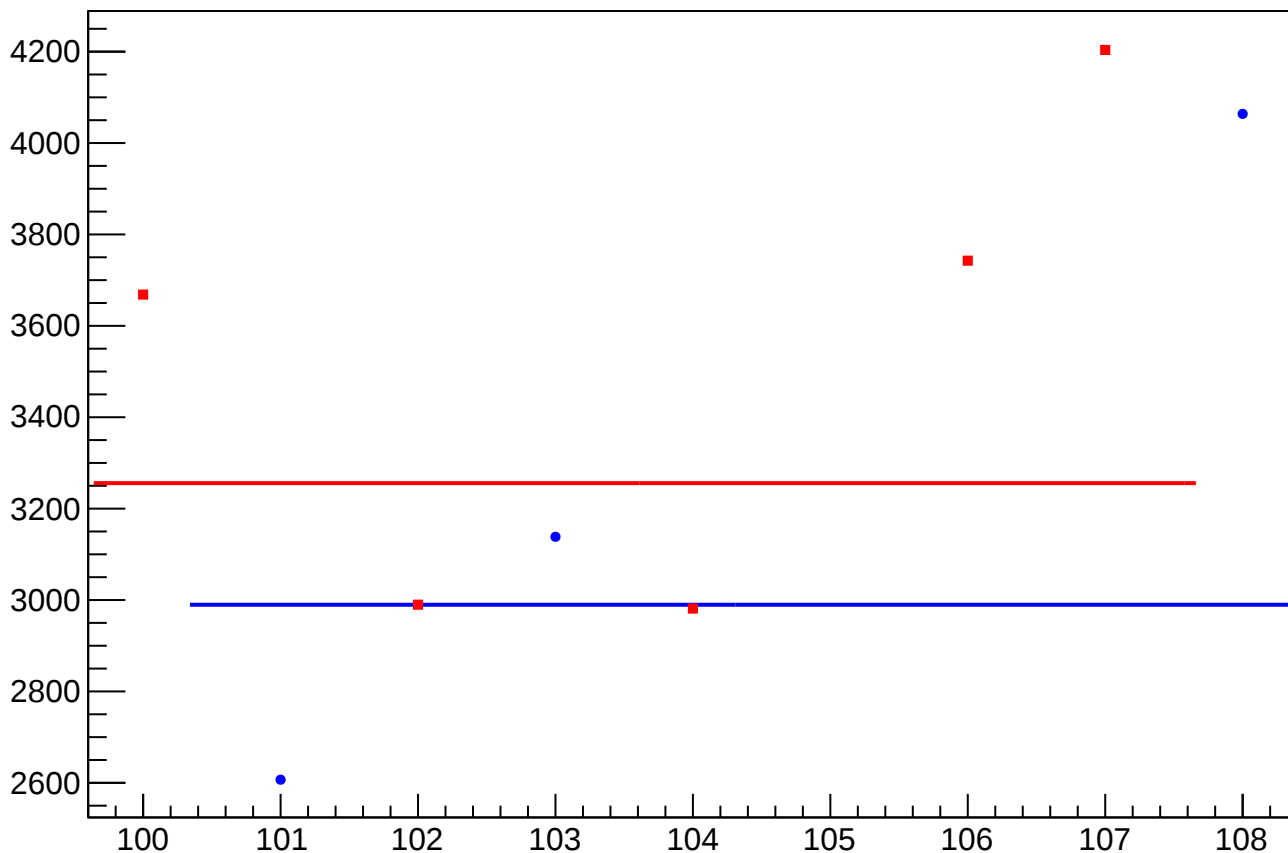
Right: 344.704 $\pm$ 1742.351 χ^2 /NDF: 12.1/7

In: -2338.792 $\pm$ 2448.805 χ^2 /NDF:5.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 344.704 $\pm$ 1742.351 χ^2 /NDF: 12.1/7

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 2989.686+/-1.732 χ^2/NDF : 80630.2/2

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

Right Out: 3255.835+/-1.753 χ^2/NDF : 64835.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

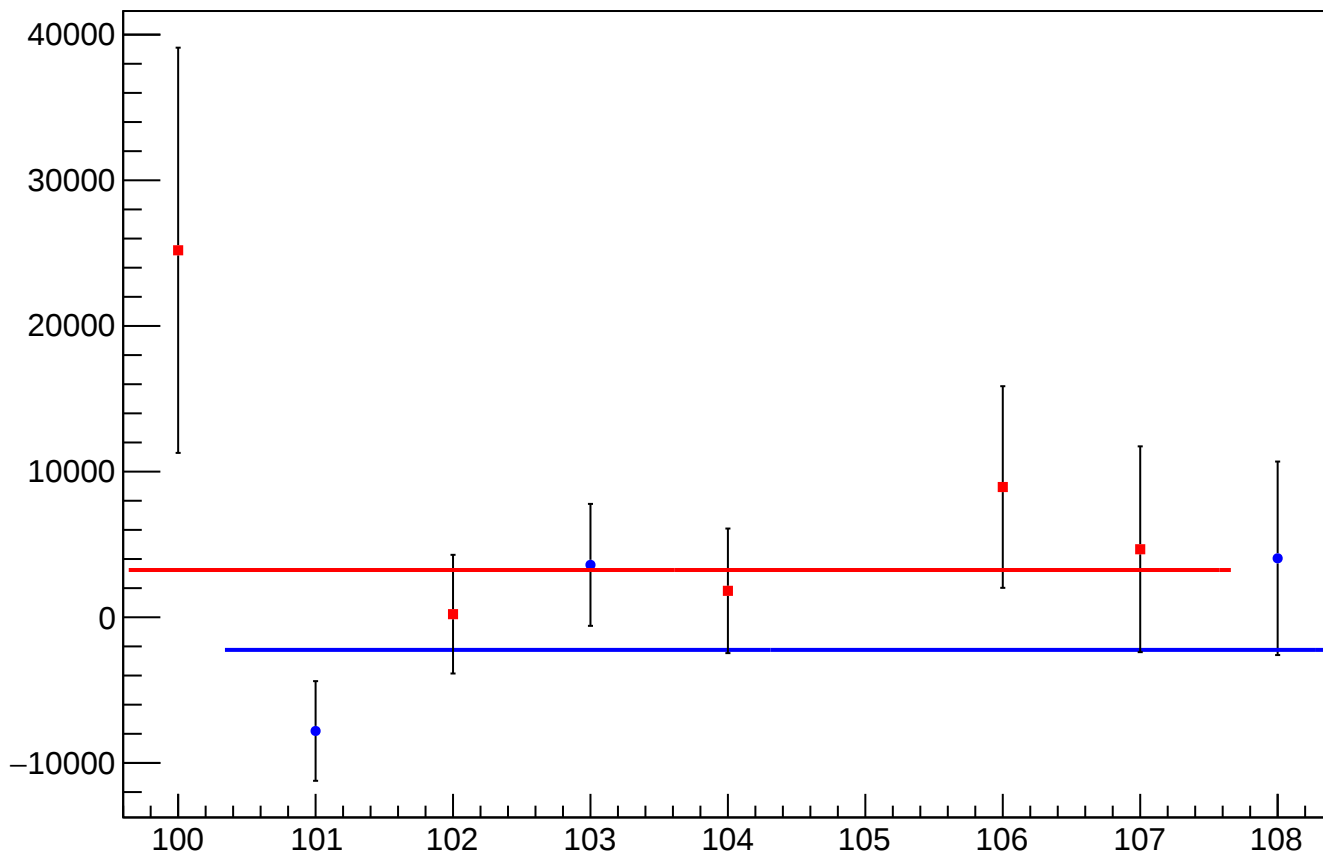
Right: 3121.097+/-1.232 χ^2/NDF : 157131.0/7

In: 2989.686+/-1.732 χ^2/NDF : 80630.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3121.097+/-1.232 χ^2/NDF : 157131.0/7

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -2239.522 $\pm$ 2460.545 χ^2 /NDF: 5.5/2

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

Right Out: 3245.454 $\pm$ 2491.995 χ^2 /NDF: 3.9/4

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

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

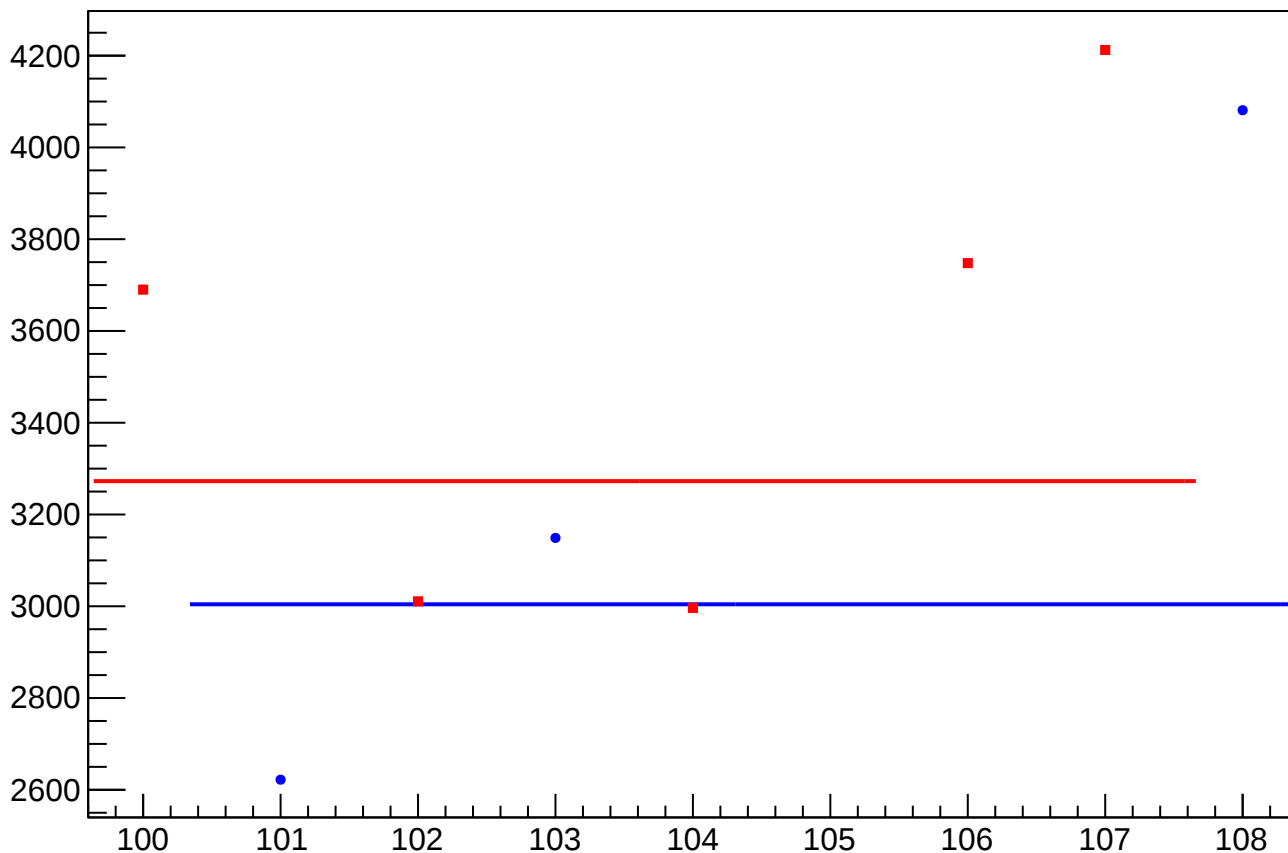
Right: 468.135 $\pm$ 1750.881 χ^2 /NDF: 11.8/7

In: -2239.522 $\pm$ 2460.545 χ^2 /NDF:5.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 468.135 $\pm$ 1750.881 χ^2 /NDF: 11.8/7

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 3004.299+/-1.740 χ^2/NDF : 79925.8/2

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

Right Out: 3272.766+/-1.762 χ^2/NDF : 63238.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

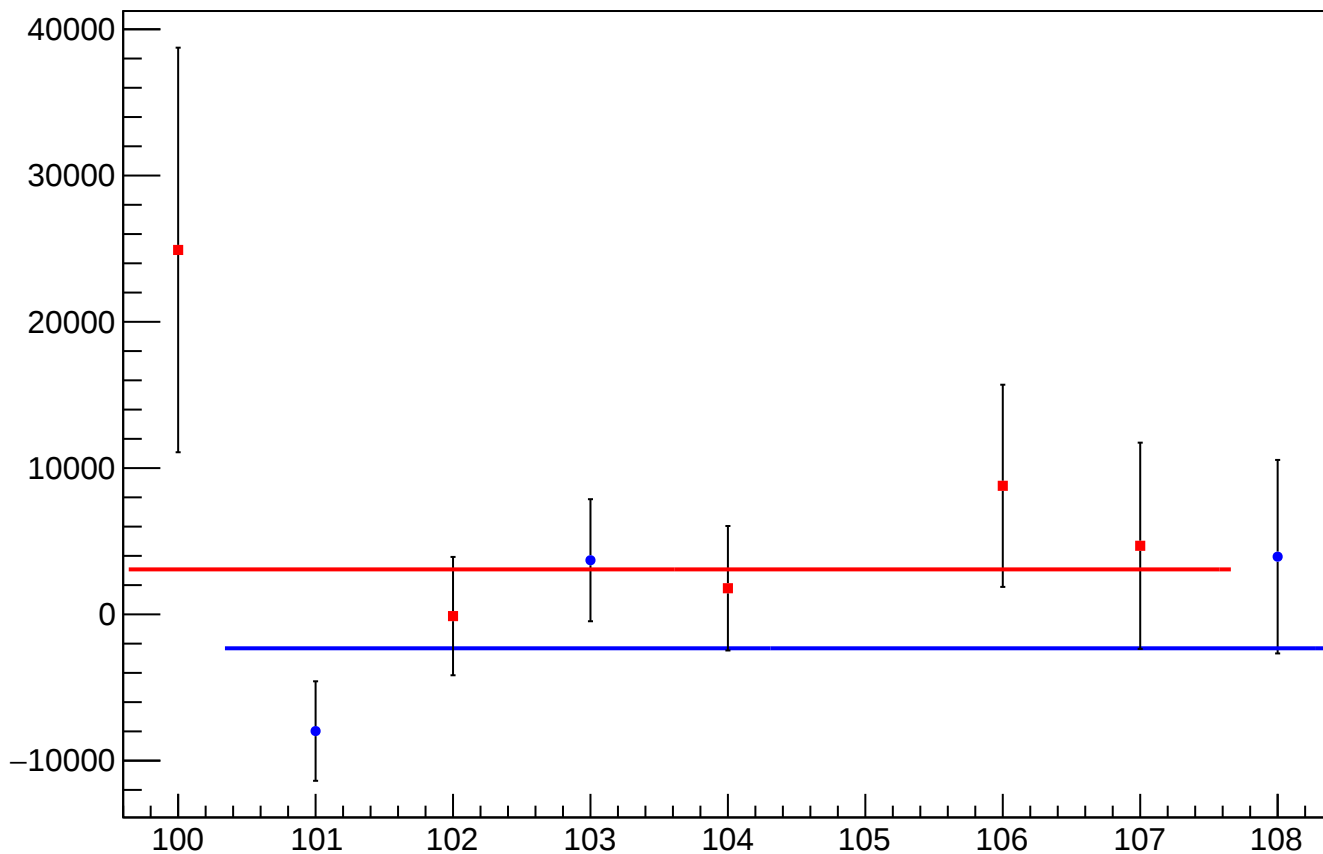
Right: 3136.828+/-1.238 χ^2/NDF : 154918.1/7

In: 3004.299+/-1.740 χ^2/NDF : 79925.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3136.828+/-1.238 χ^2/NDF : 154918.1/7

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -2318.913 $\pm$ 2448.890 χ^2 /NDF: 5.7/2

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

Right Out: 3075.230 $\pm$ 2479.698 χ^2 /NDF: 3.9/4

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

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

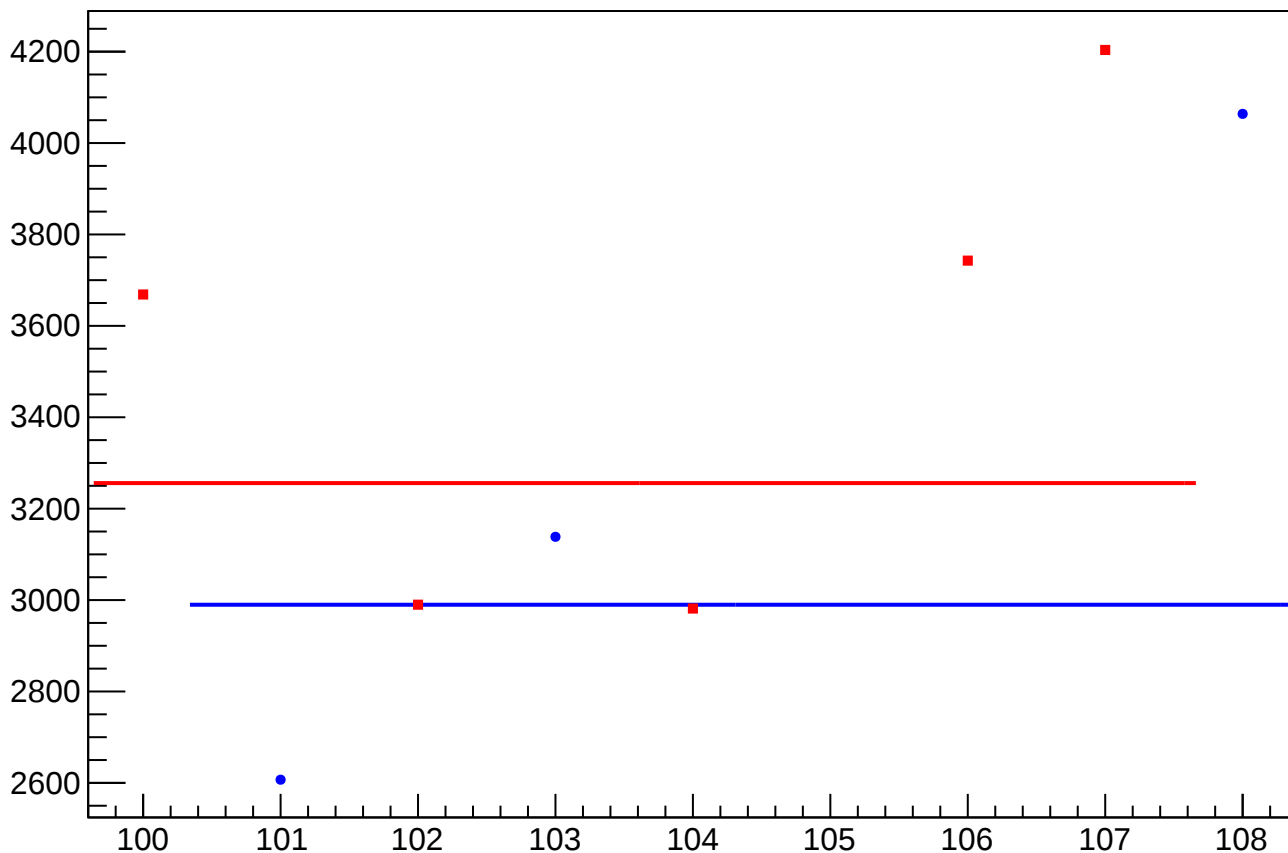
Right: 344.443 $\pm$ 1742.417 χ^2 /NDF: 12.1/7

In: -2318.913 $\pm$ 2448.890 χ^2 /NDF:5.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 344.443 $\pm$ 1742.417 χ^2 /NDF: 12.1/7

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 2989.795+/-1.732 χ^2/NDF : 80620.5/2

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

Right Out: 3255.974+/-1.753 χ^2/NDF : 64823.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

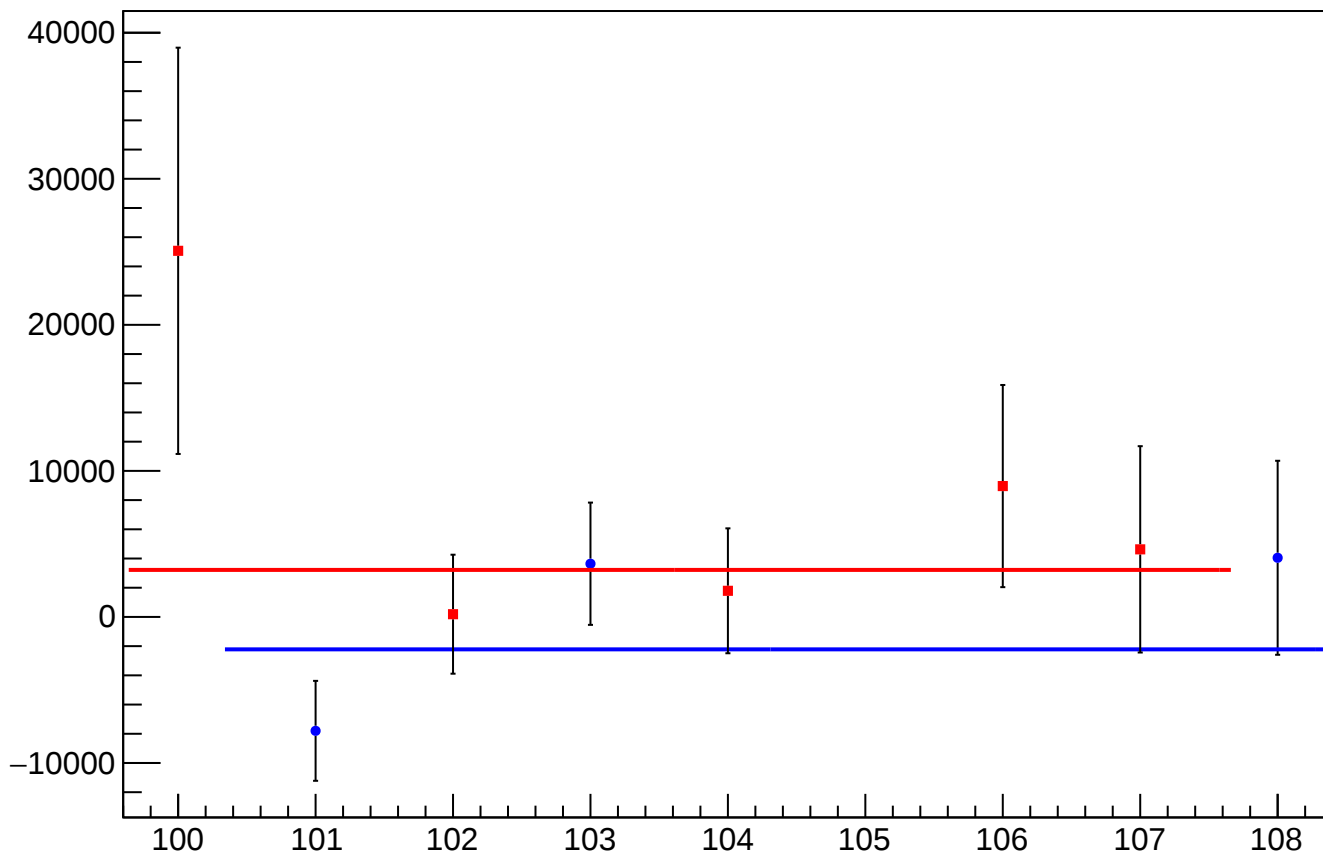
Right: 3121.221+/-1.232 χ^2/NDF : 157110.5/7

In: 2989.795+/-1.732 χ^2/NDF : 80620.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3121.221+/-1.232 χ^2/NDF : 157110.5/7

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -2219.944+/-2460.488 χ^2/NDF : 5.5/2

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

Right Out: 3219.713+/-2491.974 χ^2/NDF : 3.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

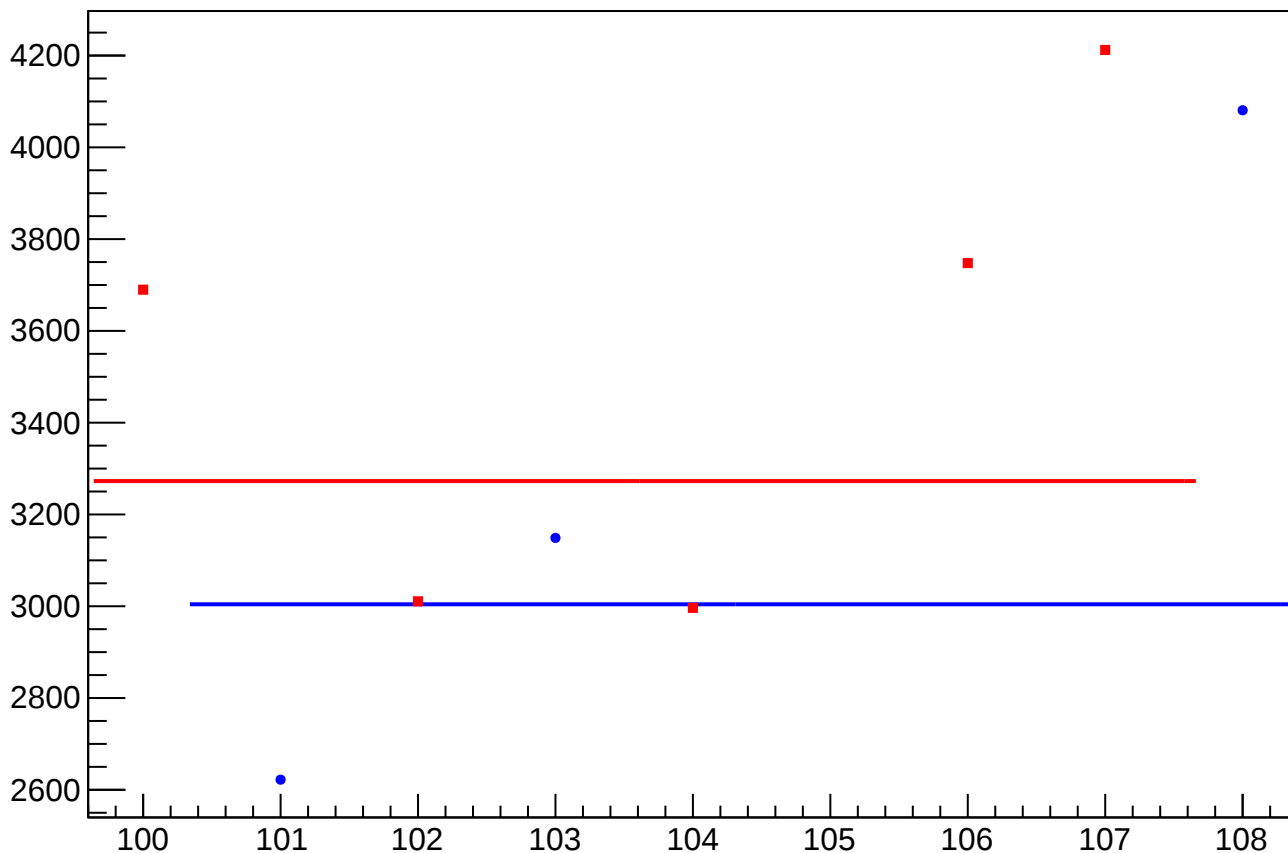
Right: 465.303+/-1750.853 χ^2/NDF : 11.8/7

In: -2219.944+/-2460.488 χ^2/NDF : 5.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 465.303+/-1750.853 χ^2/NDF : 11.8/7

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 3004.243+/-1.740 χ^2/NDF : 79898.2/2

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

Right Out: 3272.753+/-1.762 χ^2/NDF : 63213.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

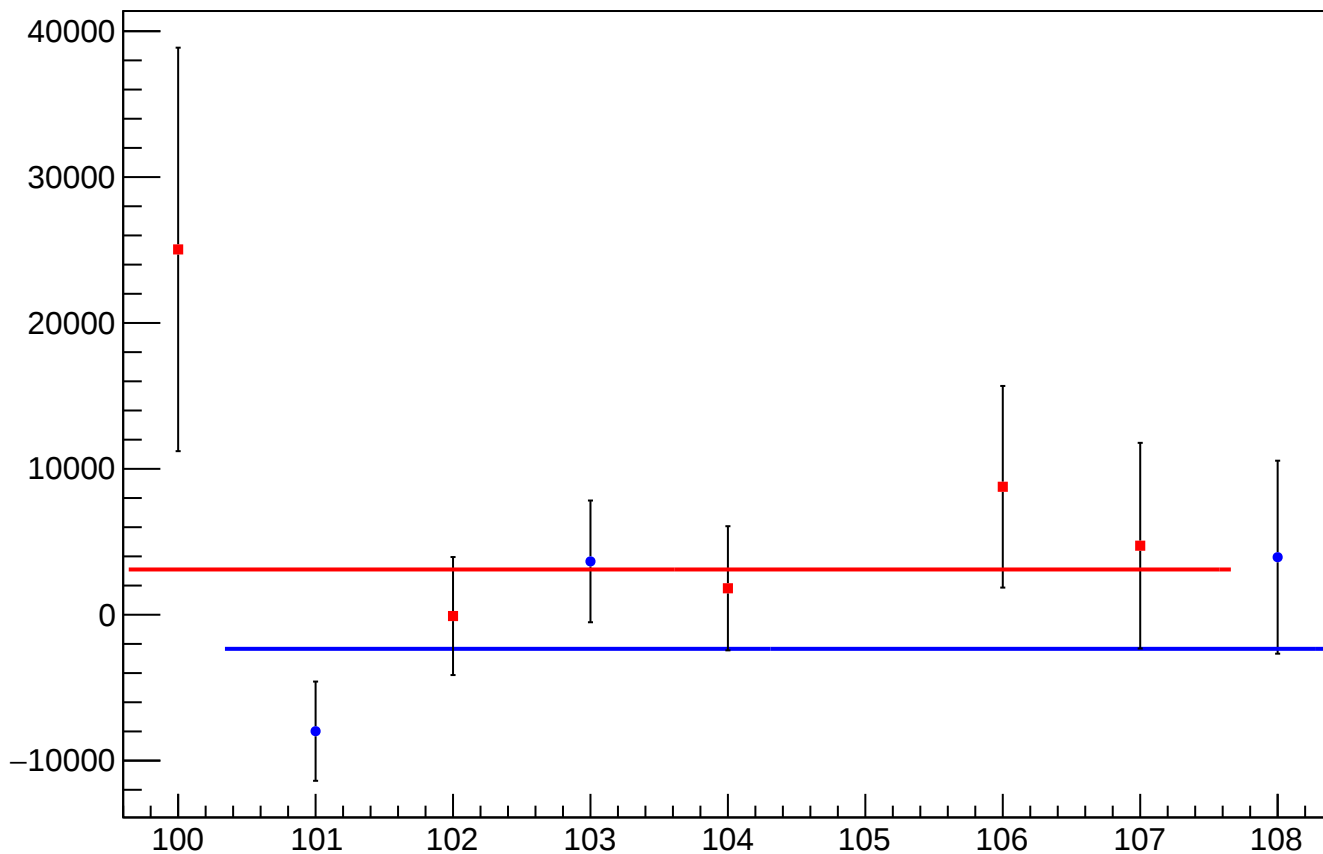
Right: 3136.791+/-1.238 χ^2/NDF : 154868.9/7

In: 3004.243+/-1.740 χ^2/NDF : 79898.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3136.791+/-1.238 χ^2/NDF : 154868.9/7

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -2337.953+/-2448.918 χ^2/NDF : 5.7/2

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

Right Out: 3102.142+/-2479.737 χ^2/NDF : 4.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

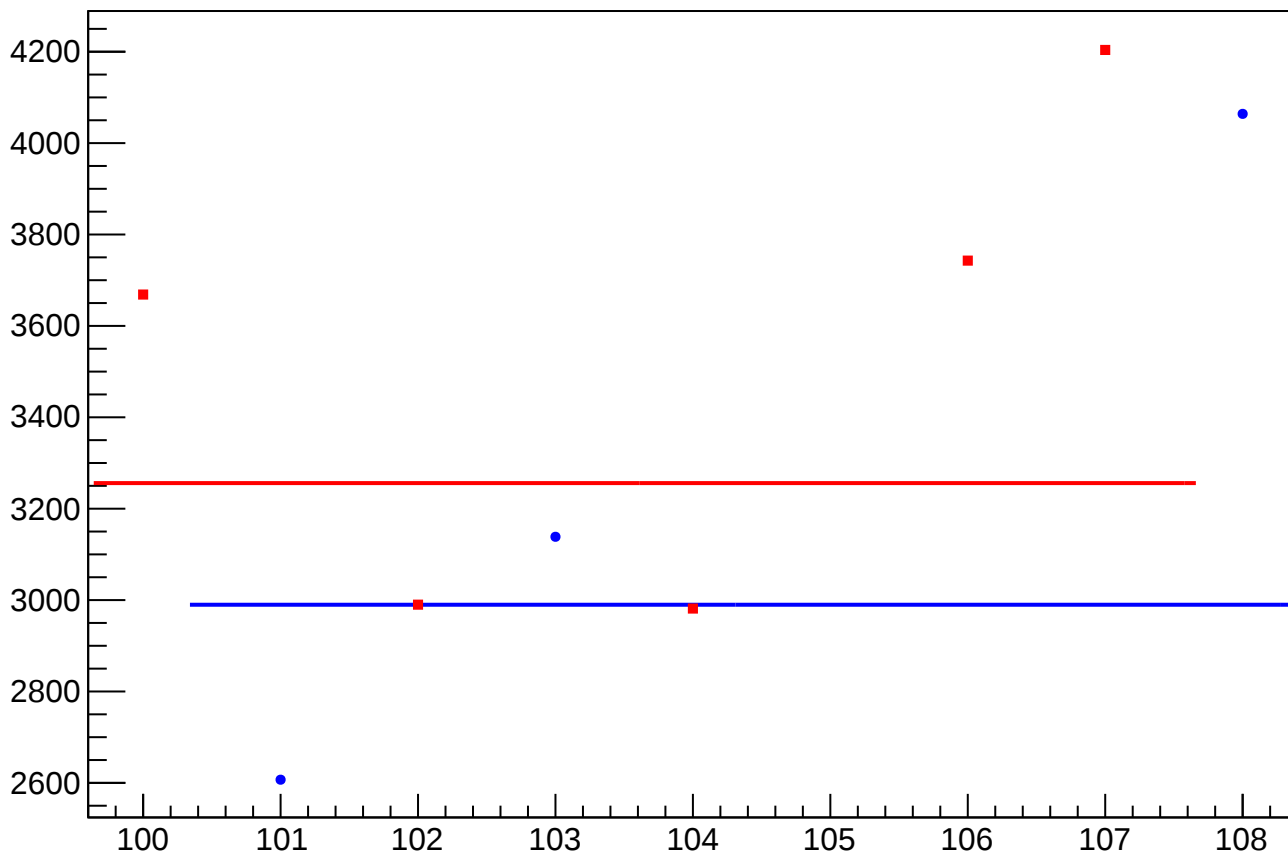
Right: 348.078+/-1742.441 χ^2/NDF : 12.1/7

In: -2337.953+/-2448.918 χ^2/NDF : 5.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 348.078+/-1742.441 χ^2/NDF : 12.1/7

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 2989.821+/-1.732 χ^2/NDF : 80637.7/2

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

Right Out: 3256.022+/-1.753 χ^2/NDF : 64833.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

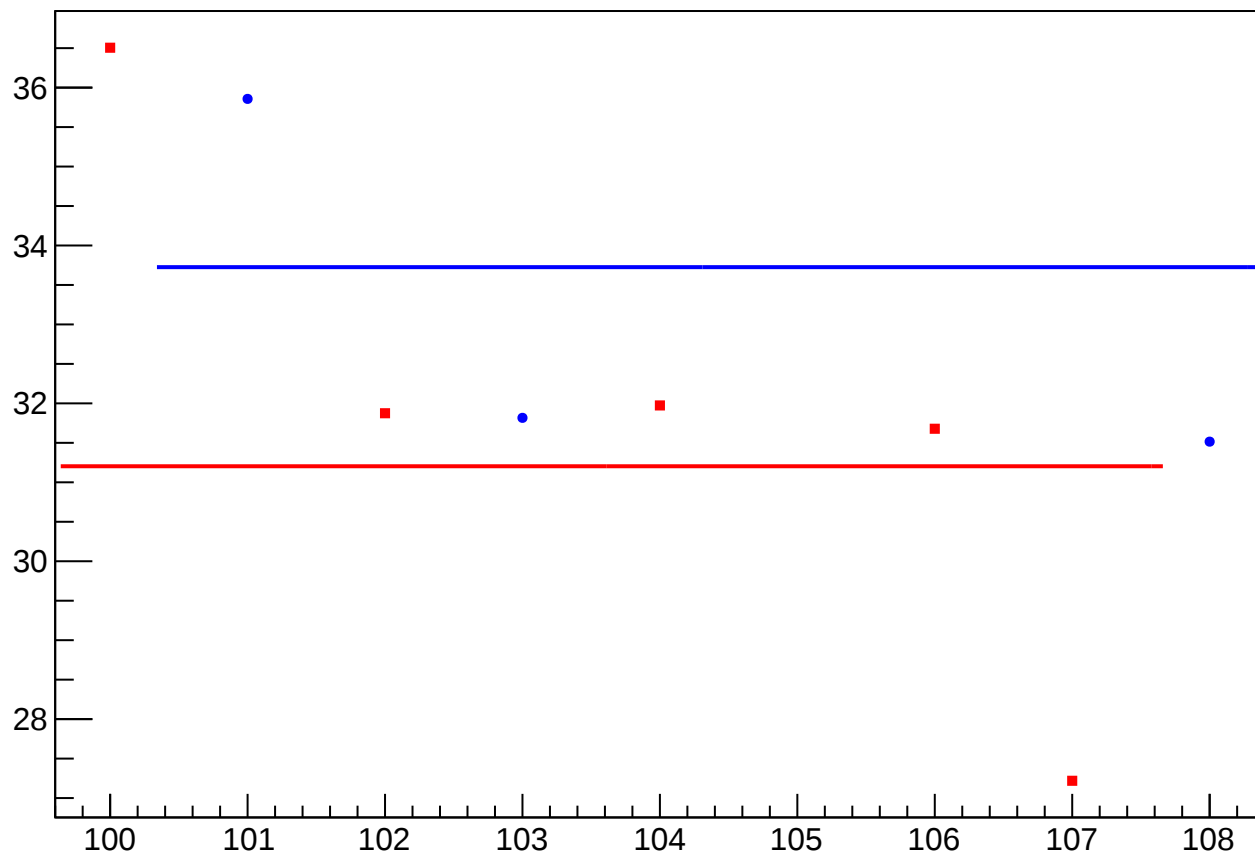
Right: 3121.257+/-1.232 χ^2/NDF : 157139.1/7

In: 2989.821+/-1.732 χ^2/NDF : 80637.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3121.257+/-1.232 χ^2/NDF : 157139.1/7

yield_usl_mean vs Slug, Sign Corrected



Right In: 33.726+/-0.000 χ^2/NDF : 515309933.6/2

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

Right Out: 31.203+/-0.000 χ^2/NDF : 353358360.3/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

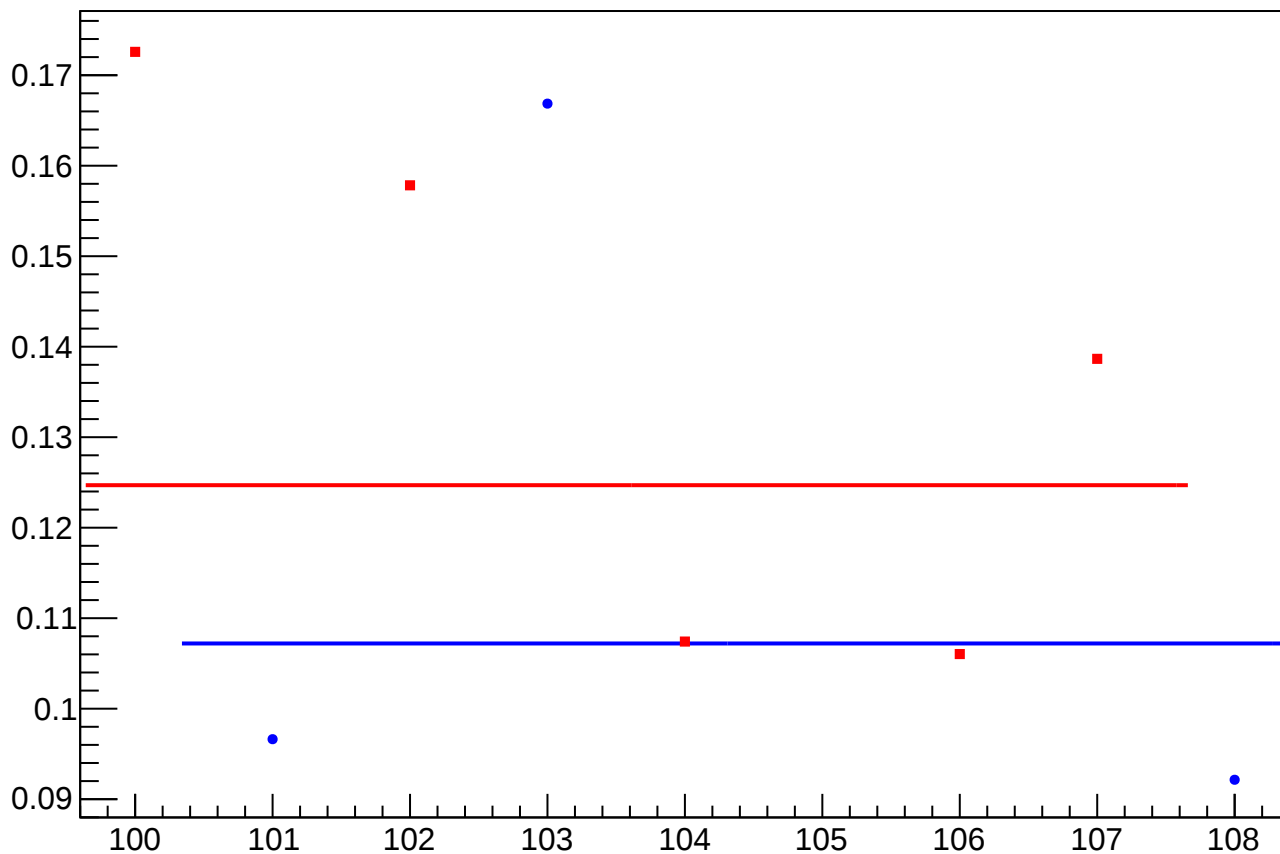
Right: 32.581+/-0.000 χ^2/NDF : 1198954107.3/7

In: 33.726+/-0.000 χ^2/NDF :515309933.6/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 32.581+/-0.000 χ^2/NDF : 1198954107.3/7

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.107+/-0.000 χ^2/NDF : 169800.1/2

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

Right Out: 0.125+/-0.000 χ^2/NDF : 97170.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

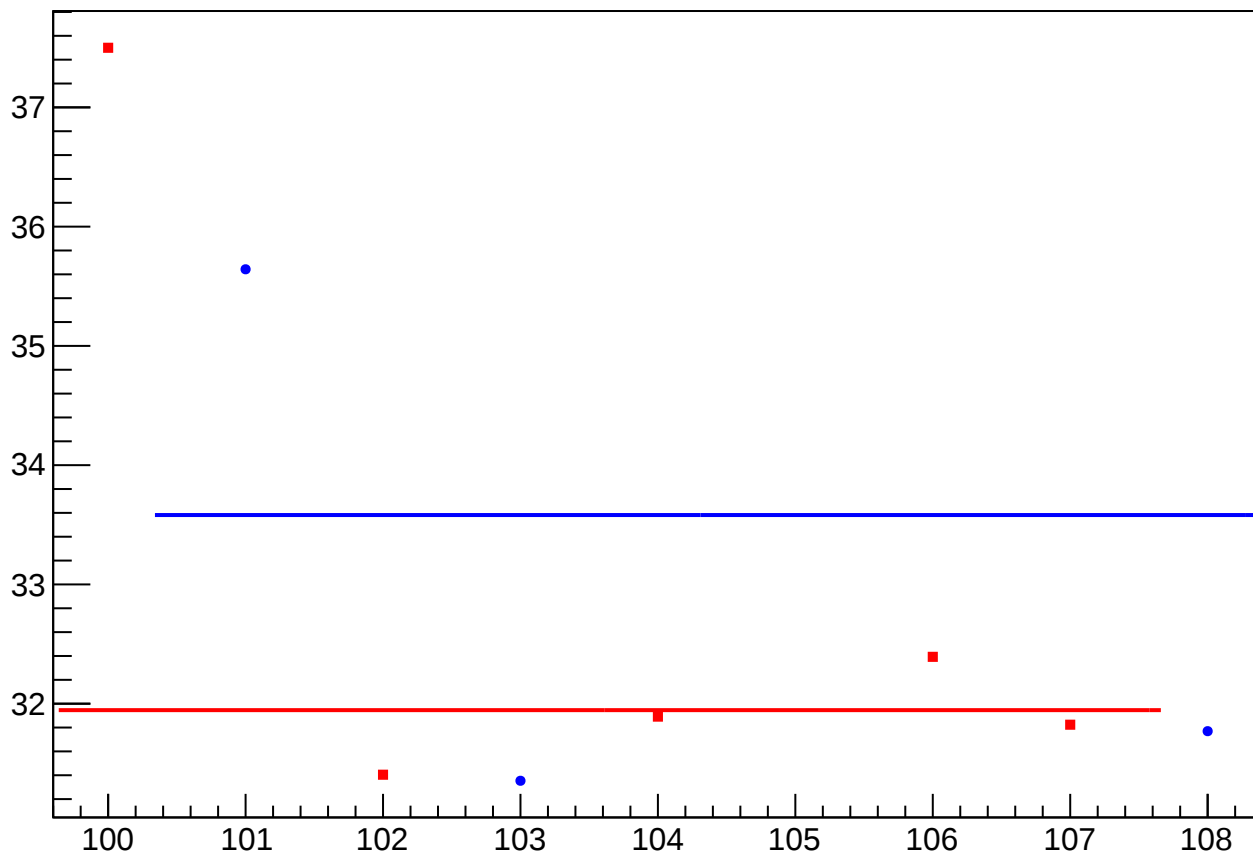
Right: 0.115+/-0.000 χ^2/NDF : 298732.4/7

In: 0.107+/-0.000 χ^2/NDF : 169800.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.115+/-0.000 χ^2/NDF : 298732.4/7

yield_usr_mean vs Slug, Sign Corrected



Right In: 33.582+/-0.000 χ^2/NDF : 338164164.7/2

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

Right Out: 31.946+/-0.000 χ^2/NDF : 51315025.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

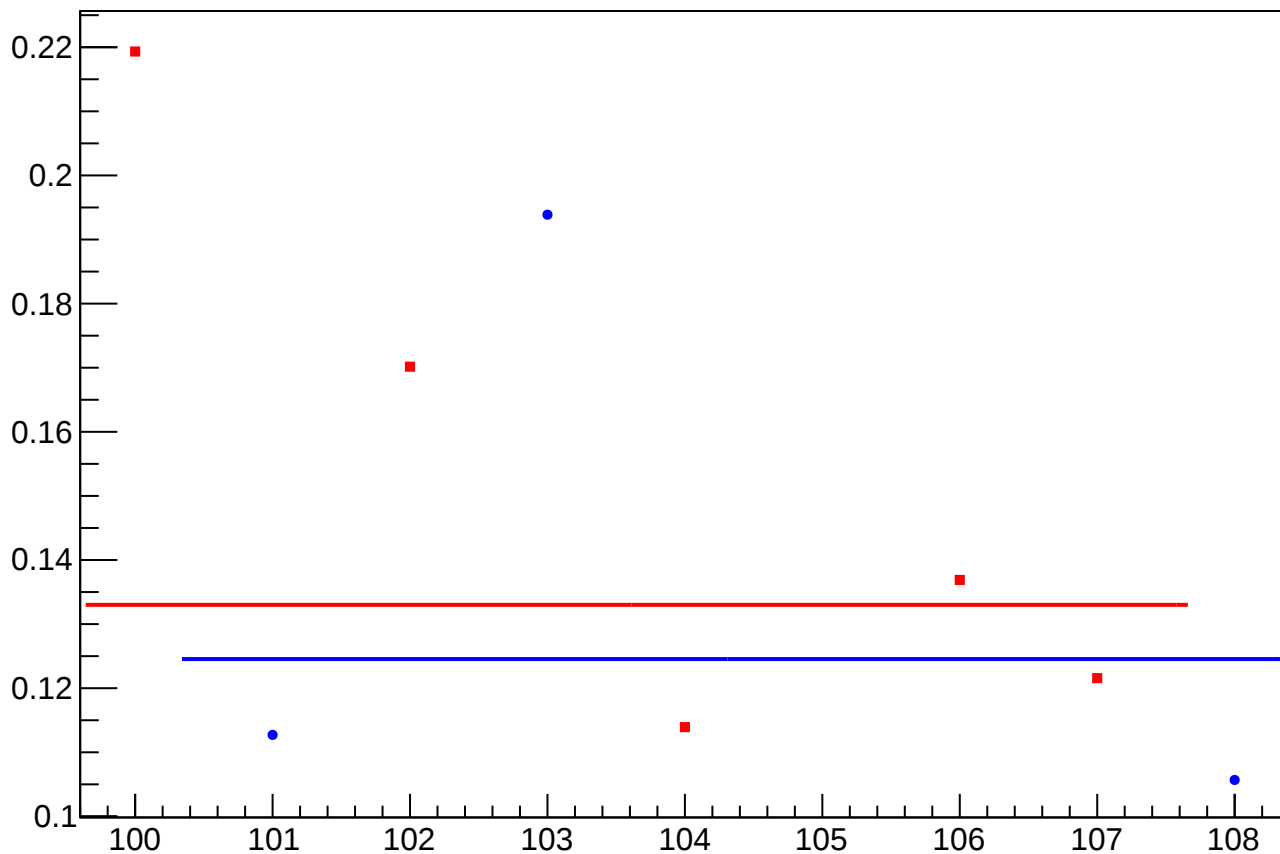
Right: 32.771+/-0.000 χ^2/NDF : 500375918.3/7

In: 33.582+/-0.000 χ^2/NDF : 338164164.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.771+/-0.000 χ^2/NDF : 500375918.3/7

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.125+/-0.000 χ^2/NDF : 172133.0/2

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

Right Out: 0.133+/-0.000 χ^2/NDF : 96974.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

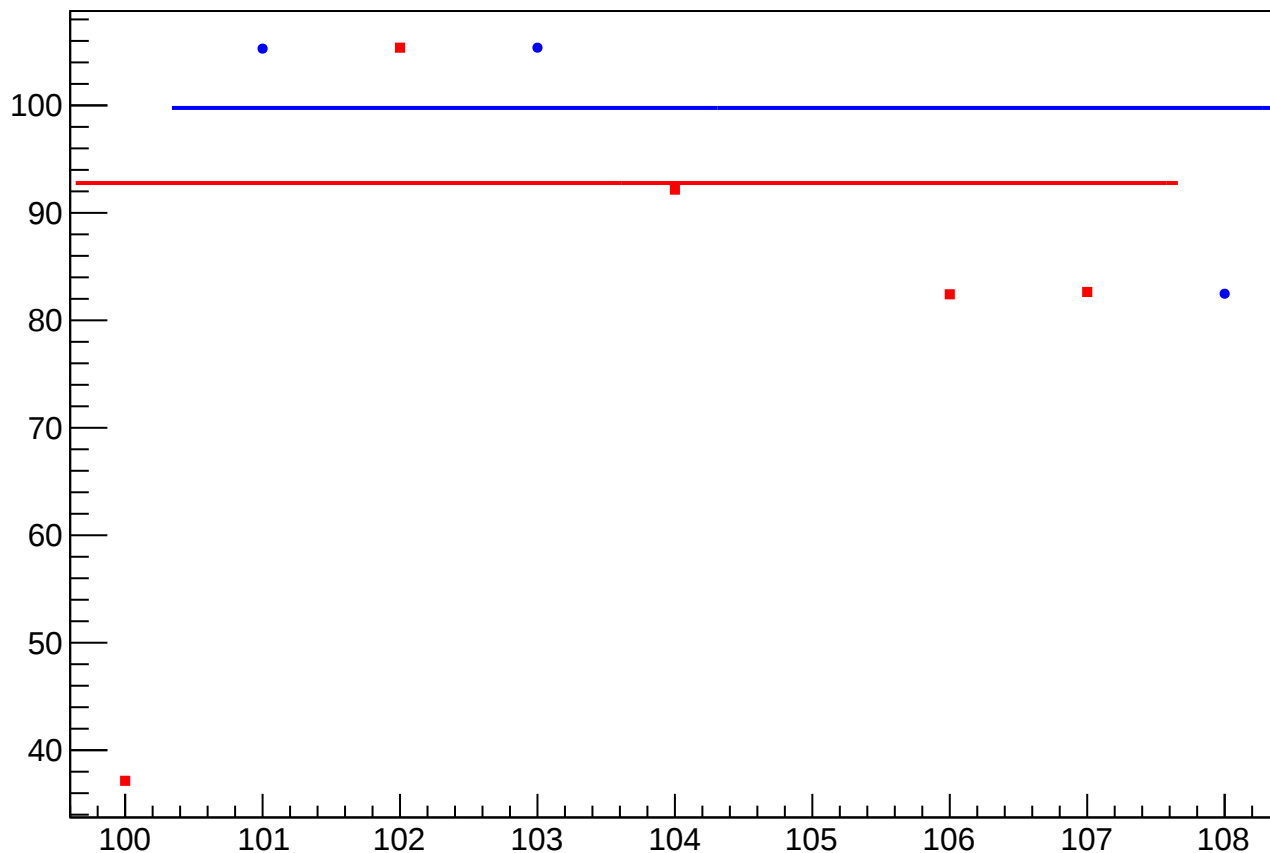
Right: 0.129+/-0.000 χ^2/NDF : 275036.6/7

In: 0.125+/-0.000 χ^2/NDF : 172133.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

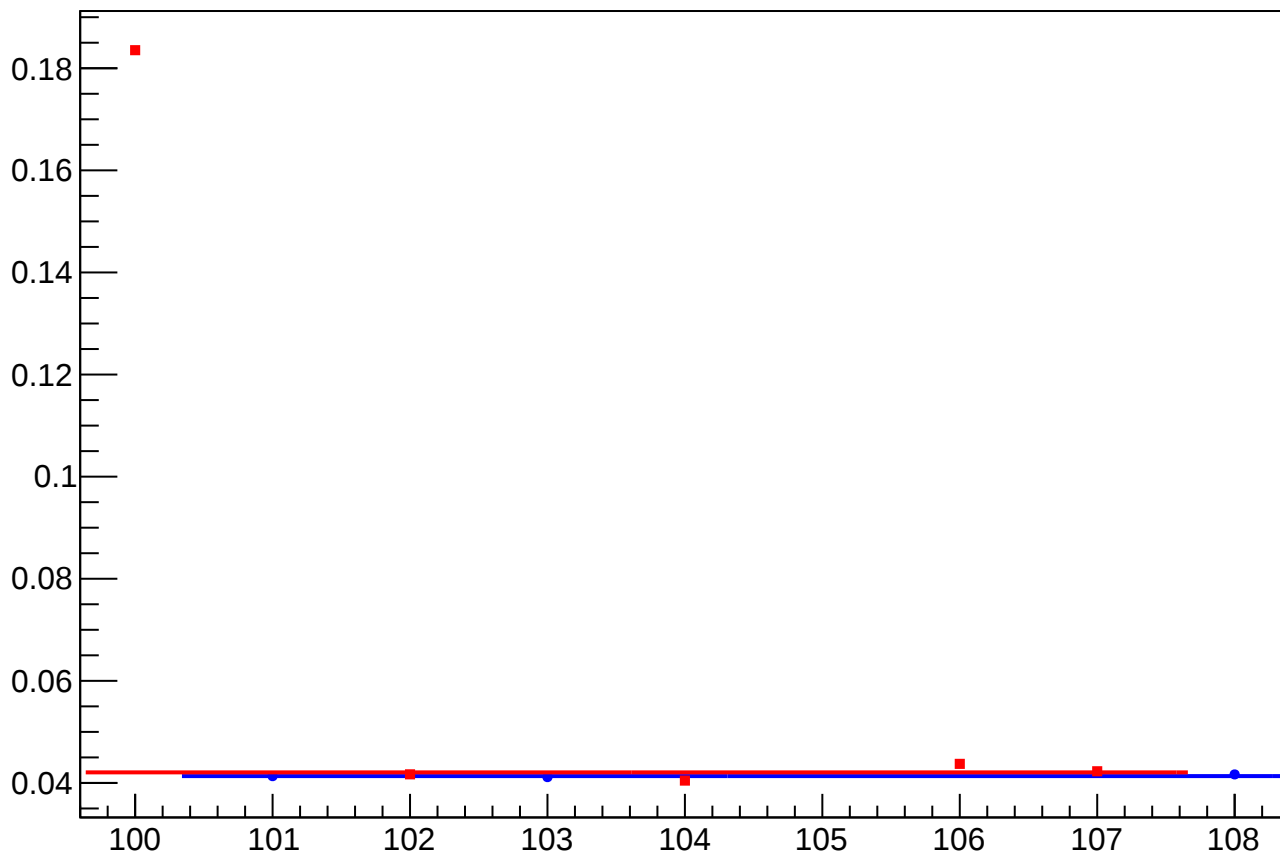
All: 0.129+/-0.000 χ^2/NDF : 275036.6/7

yield_dsl_mean vs Slug, Sign Corrected



Right In: 99.763+/-0.000 χ^2/NDF : 85480680039.0/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 92.777+/-0.000 χ^2/NDF : 93048029598.8/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 96.127+/-0.000 χ^2/NDF : 201107791997.9/7

yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.041+/-0.000 χ^2/NDF : 73.6/2

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

Right Out: 0.042+/-0.000 χ^2/NDF : 85311.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

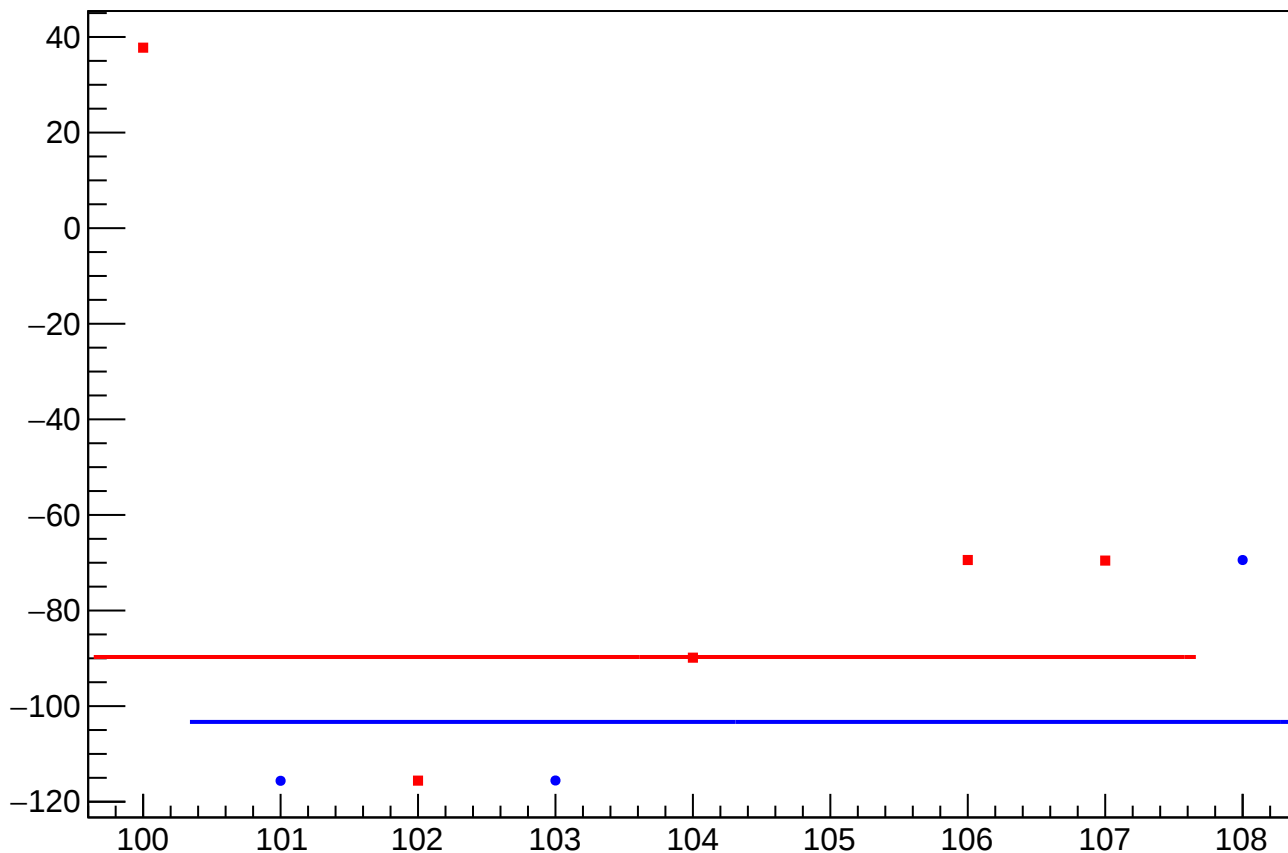
Right: 0.042+/-0.000 χ^2/NDF : 85877.8/7

In: 0.041+/-0.000 χ^2/NDF : 73.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

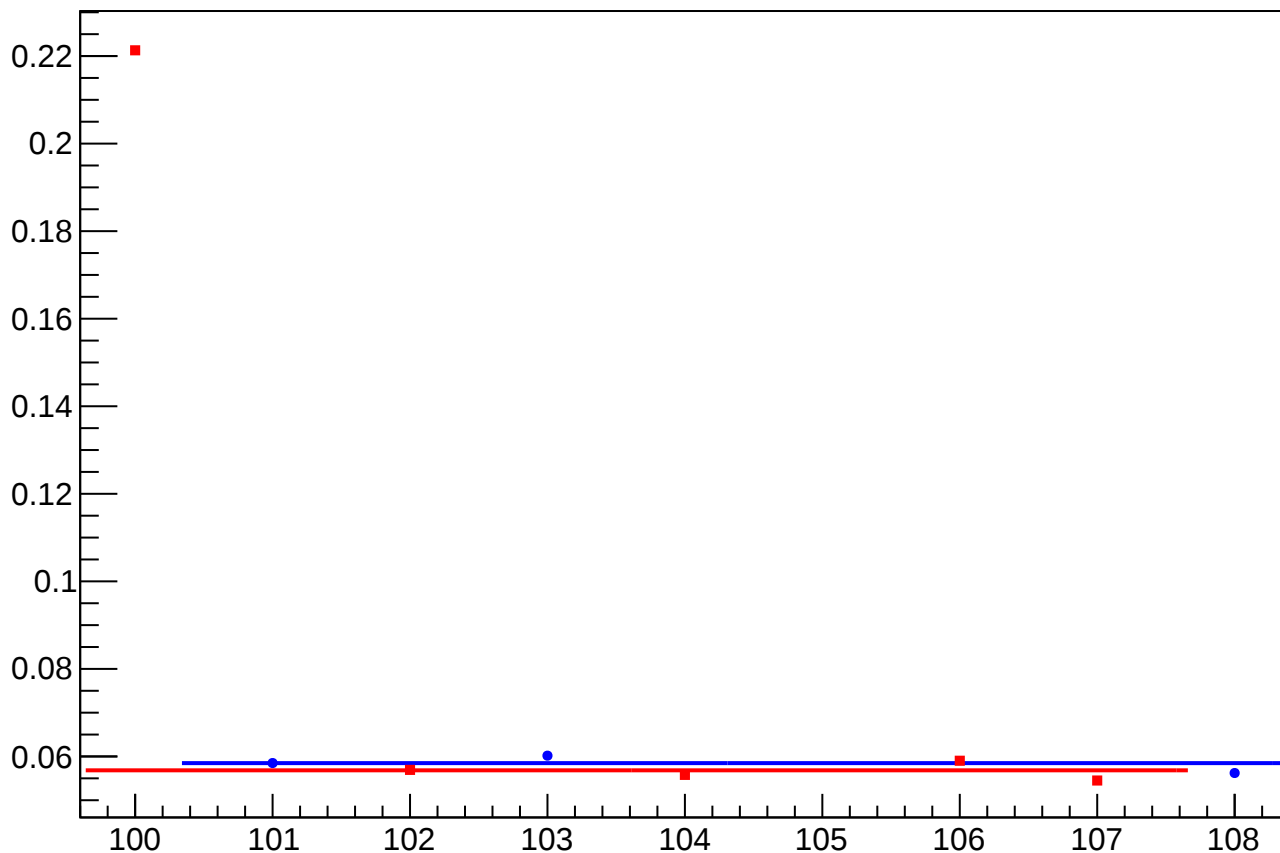
All: 0.042+/-0.000 χ^2/NDF : 85877.8/7

yield_dsr_mean vs Slug, Sign Corrected



Right In: -103.304+/-0.000 χ^2/NDF : 180293558947.0/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -89.721+/-0.000 χ^2/NDF : 212919614180.4/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -95.919+/-0.000 χ^2/NDF : 436660756518.2/7

yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.058+/-0.000 χ^2/NDF : 2052.3/2

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

Right Out: 0.057+/-0.000 χ^2/NDF : 76901.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

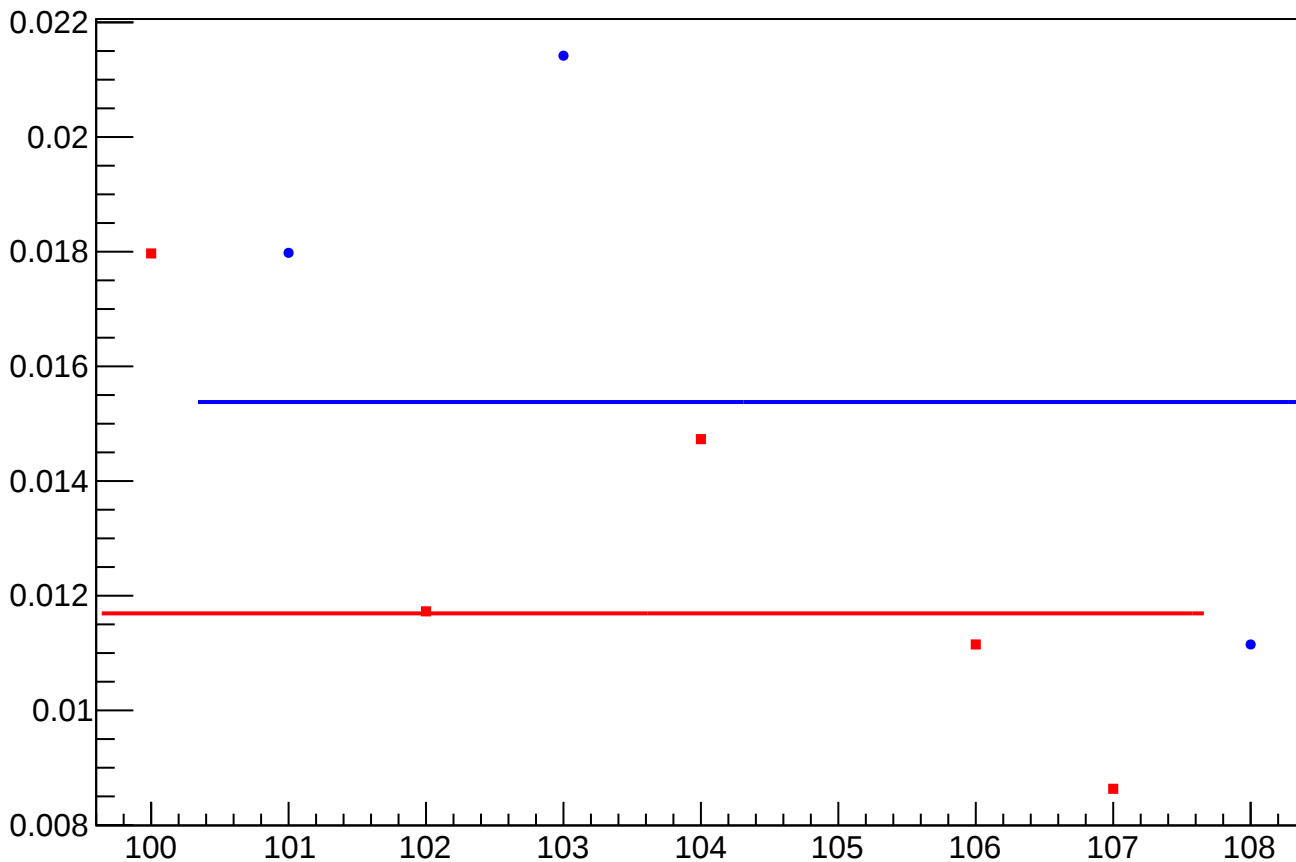
Right: 0.058+/-0.000 χ^2/NDF : 80230.1/7

In: 0.058+/-0.000 χ^2/NDF : 2052.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.058+/-0.000 χ^2/NDF : 80230.1/7

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 3754647545.1/2

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

Right Out: 0.012+/-0.000 χ^2/NDF : 1146316826.0/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

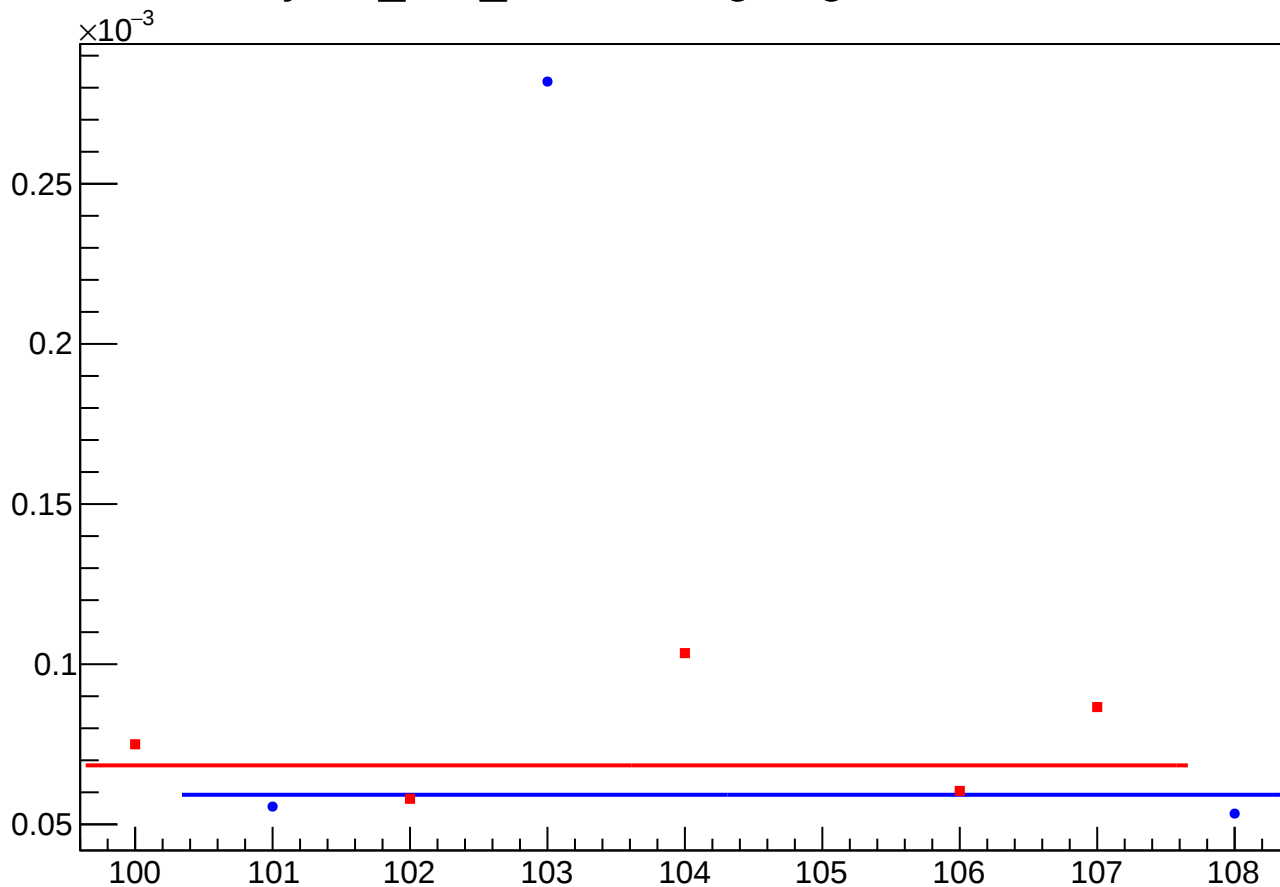
Right: 0.014+/-0.000 χ^2/NDF : 6920442909.8/7

In: 0.015+/-0.000 χ^2/NDF :3754647545.1/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 6920442909.8/7

yield_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 651881.0/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 135266.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

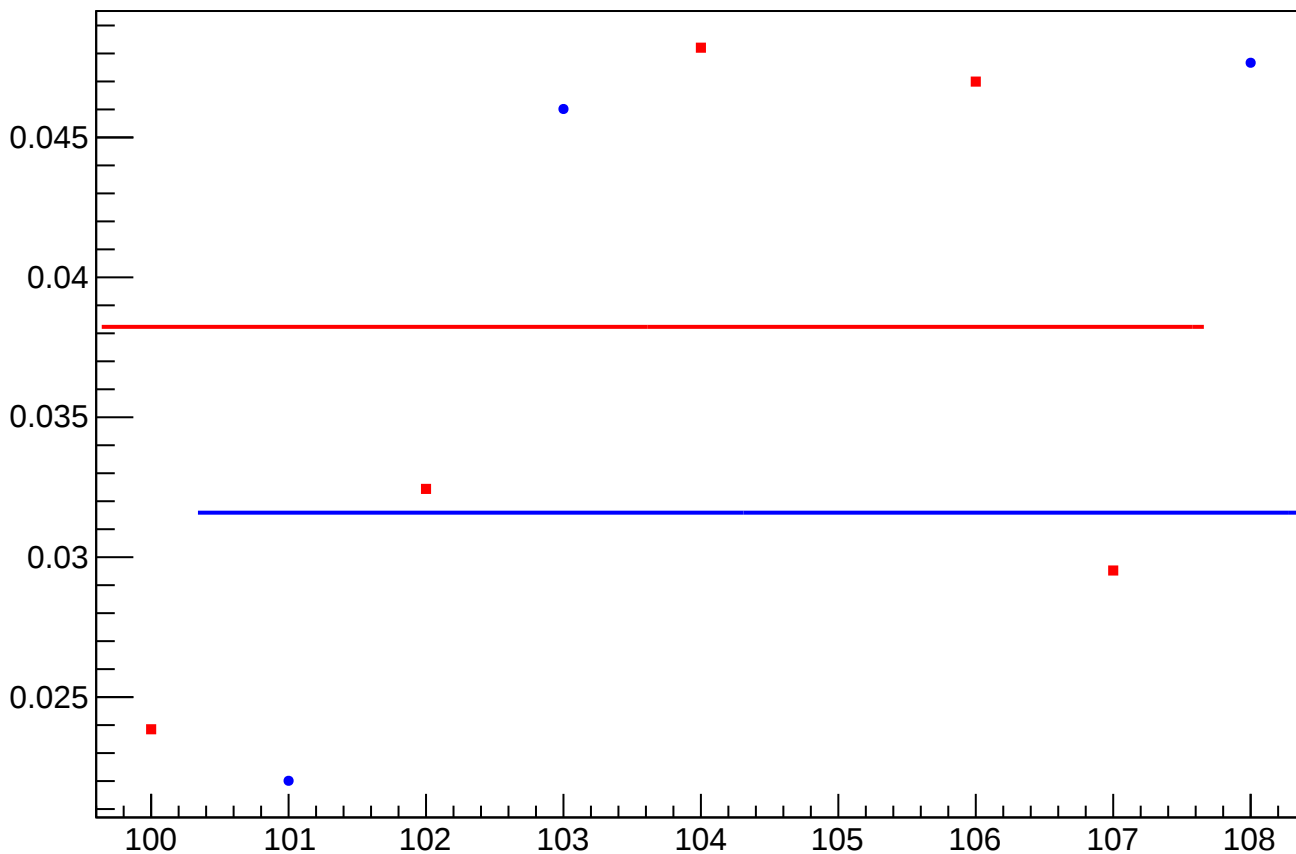
Right: 0.000+/-0.000 χ^2/NDF : 812185.7/7

In: 0.000+/-0.000 χ^2/NDF : 651881.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 812185.7/7

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.032+/-0.000 χ^2/NDF : 1194126654.4/2

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

Right Out: 0.038+/-0.000 χ^2/NDF : 599421801.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

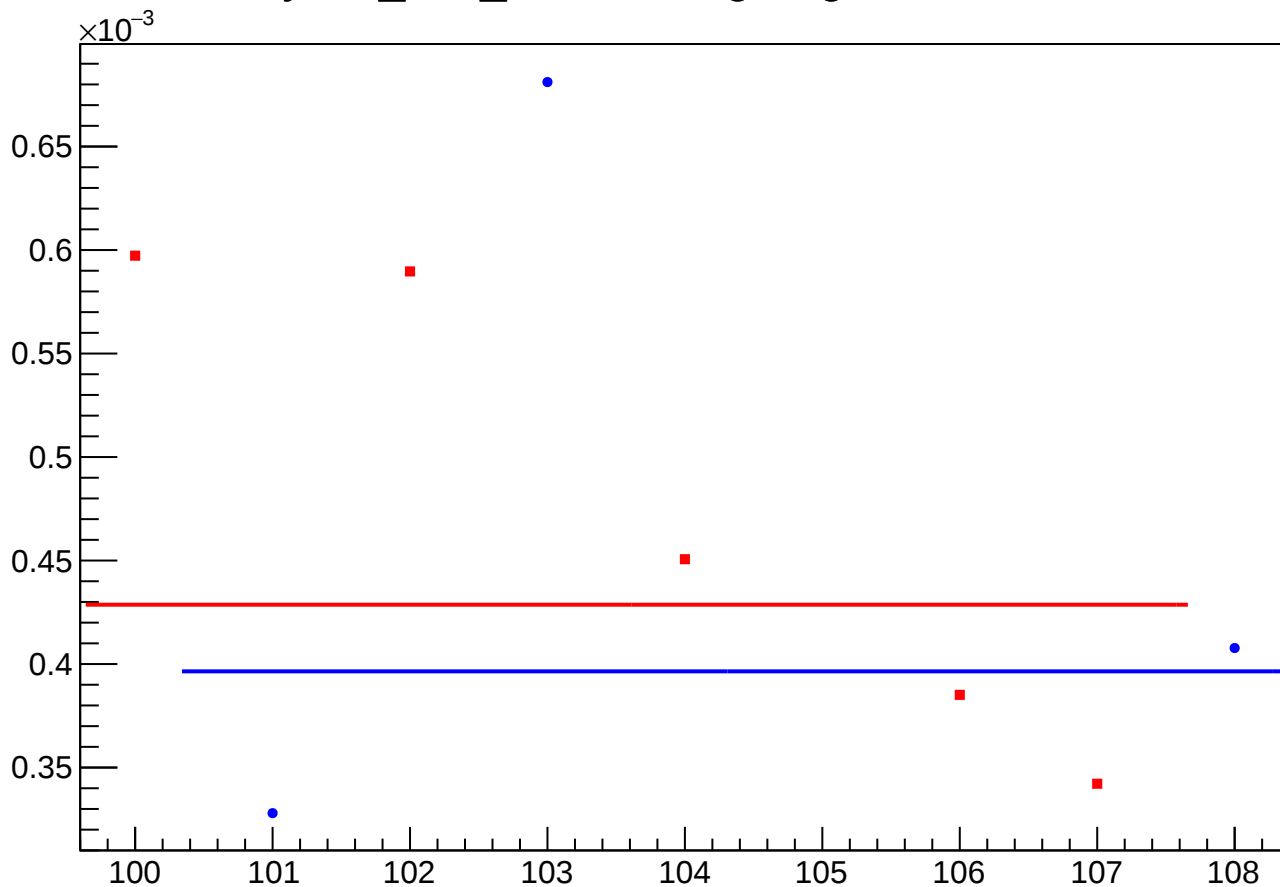
Right: 0.035+/-0.000 χ^2/NDF : 1967087762.6/7

In: 0.032+/-0.000 χ^2/NDF : 1194126654.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.000 χ^2/NDF : 1967087762.6/7

yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 228210.6/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 128573.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

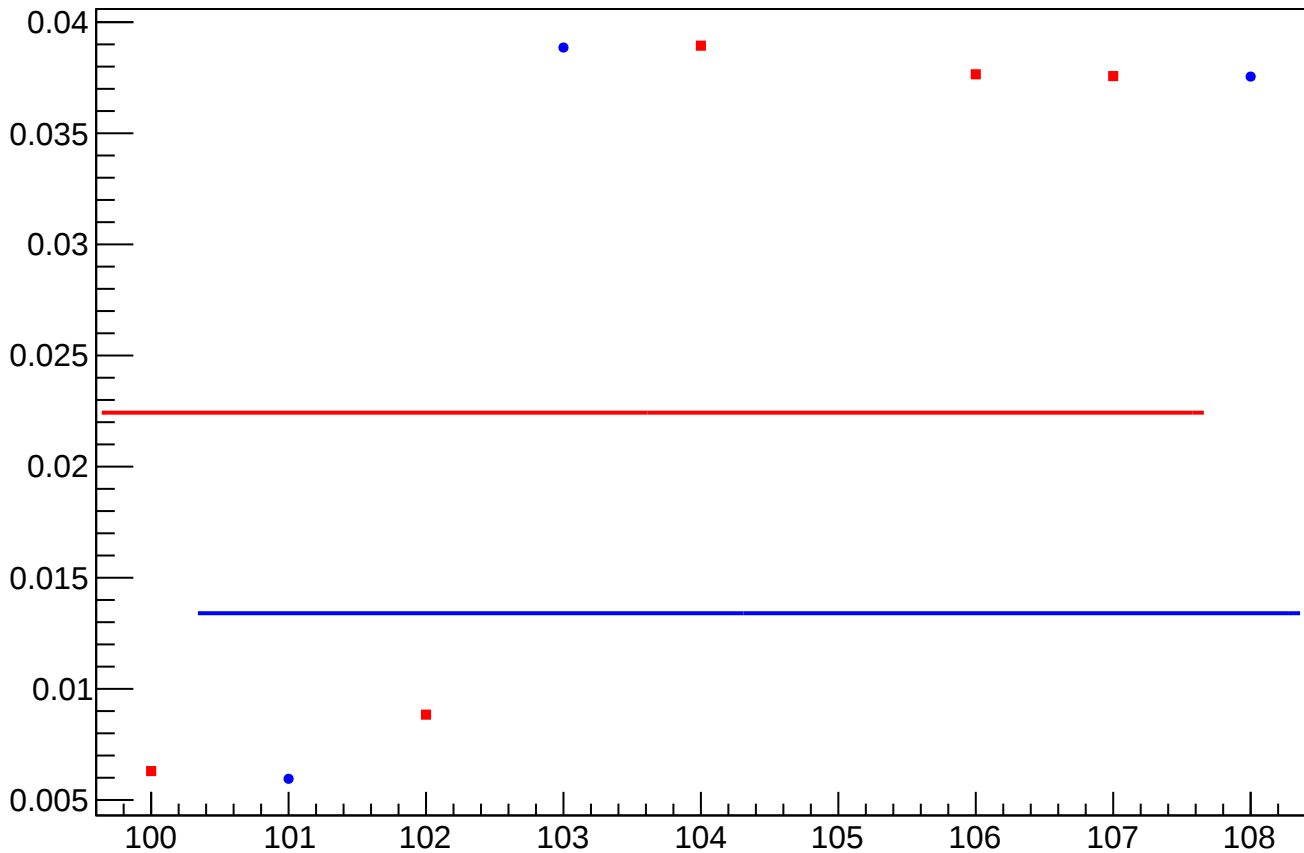
Right: 0.000+/-0.000 χ^2/NDF : 364944.4/7

In: 0.000+/-0.000 χ^2/NDF : 228210.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 364944.4/7

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 30118055359.2/2

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

Right Out: 0.022+/-0.000 χ^2/NDF : 23092273994.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

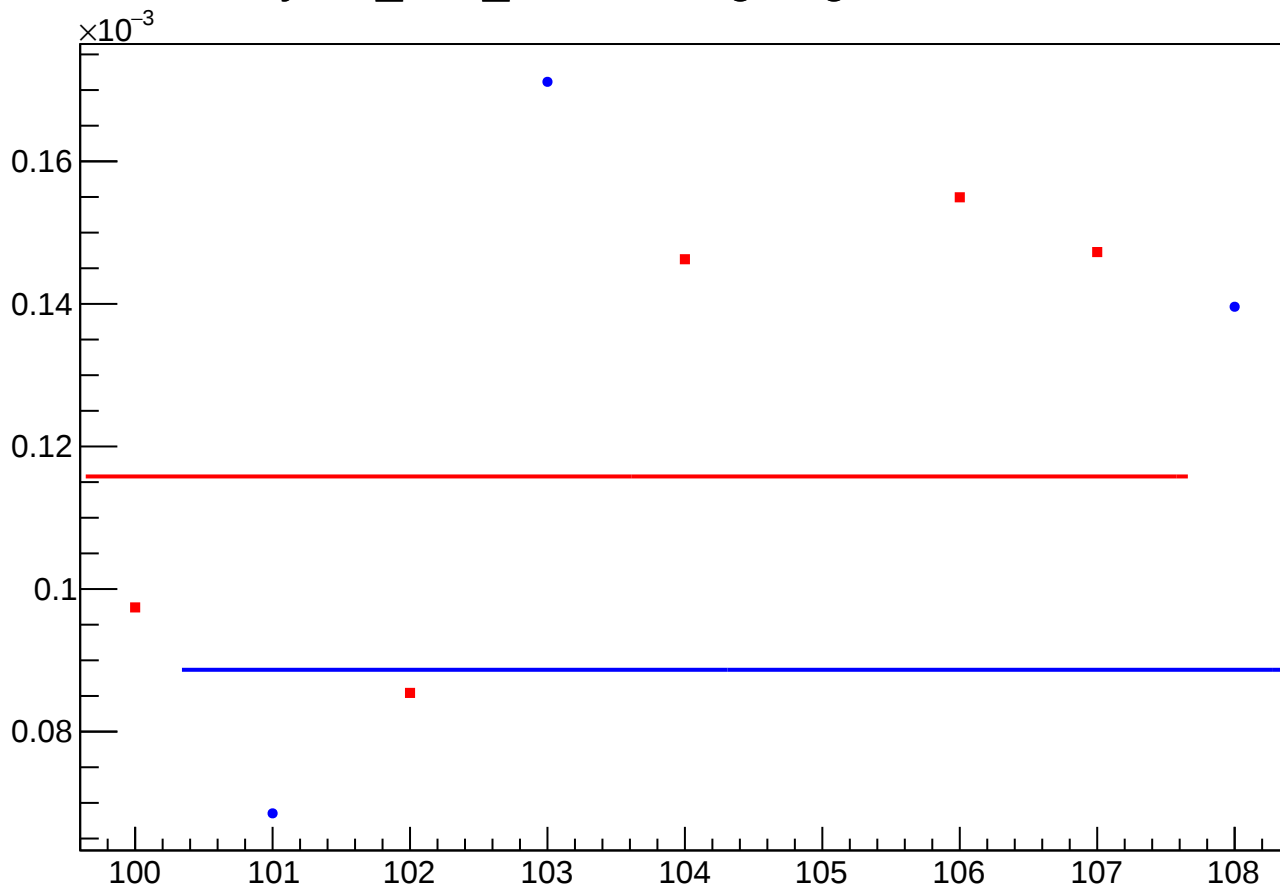
Right: 0.017+/-0.000 χ^2/NDF : 58407711623.2/7

In: 0.013+/-0.000 χ^2/NDF : 30118055359.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.000 χ^2/NDF : 58407711623.2/7

yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 458621.9/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 201492.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

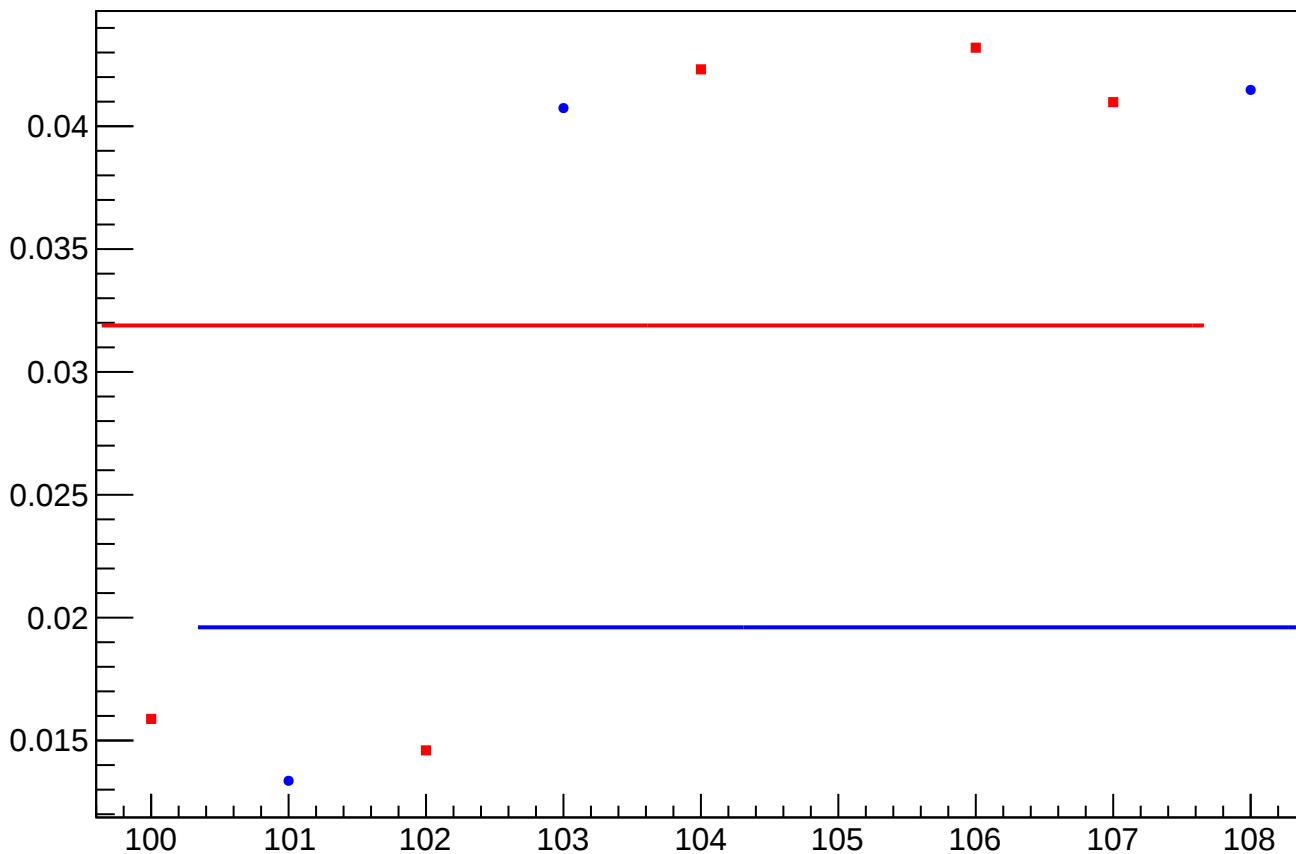
Right: 0.000+/-0.000 χ^2/NDF : 753981.3/7

In: 0.000+/-0.000 χ^2/NDF : 458621.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 753981.3/7

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.000

χ^2/NDF : 2843598189.4/2

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.024+/-0.000

χ^2/NDF : 6278442106.5/7

Right Out: 0.032+/-0.000

χ^2/NDF : 2238746620.2/4

In: 0.020+/-0.000

χ^2/NDF : 2843598189.4/2

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

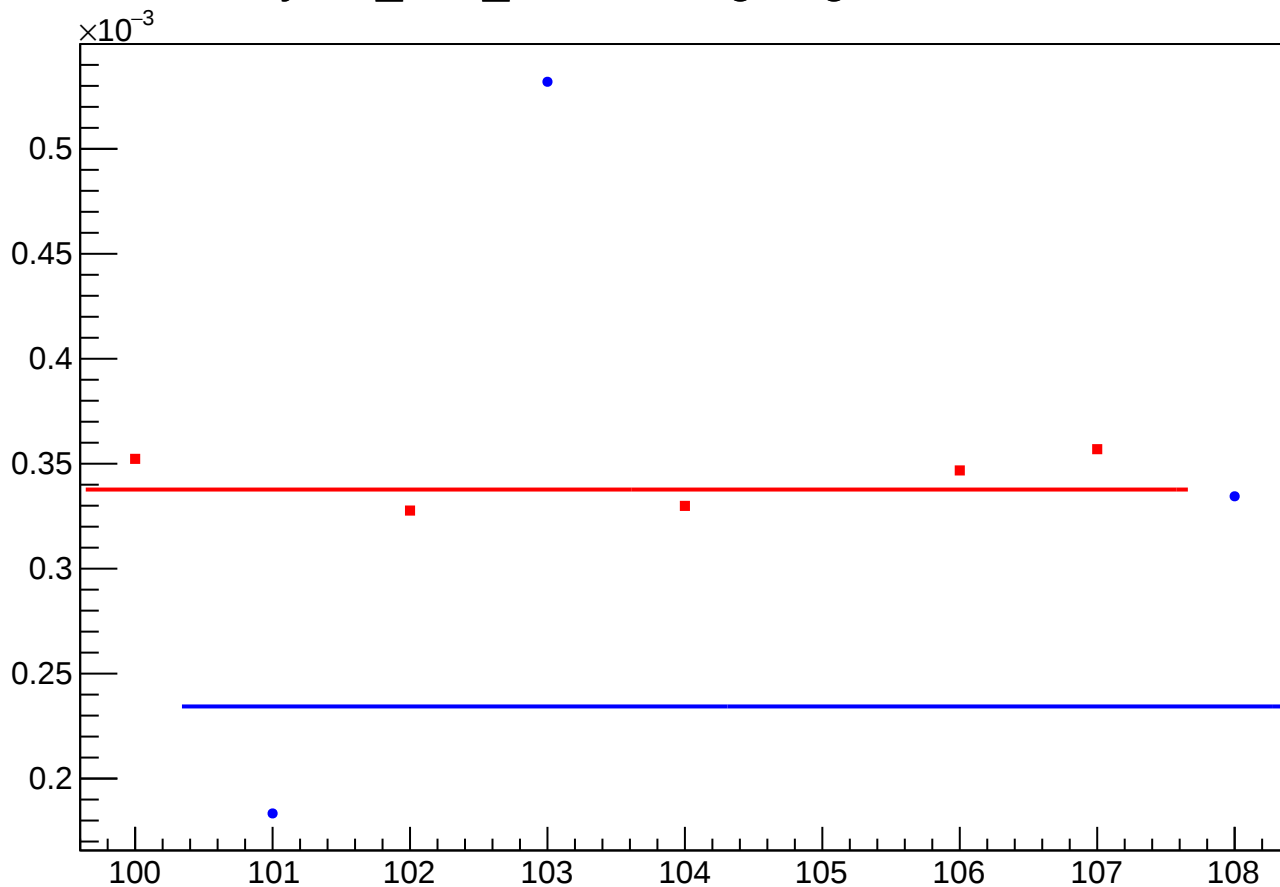
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.024+/-0.000

χ^2/NDF : 6278442106.5/7

yield_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 465961.8/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 3572.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

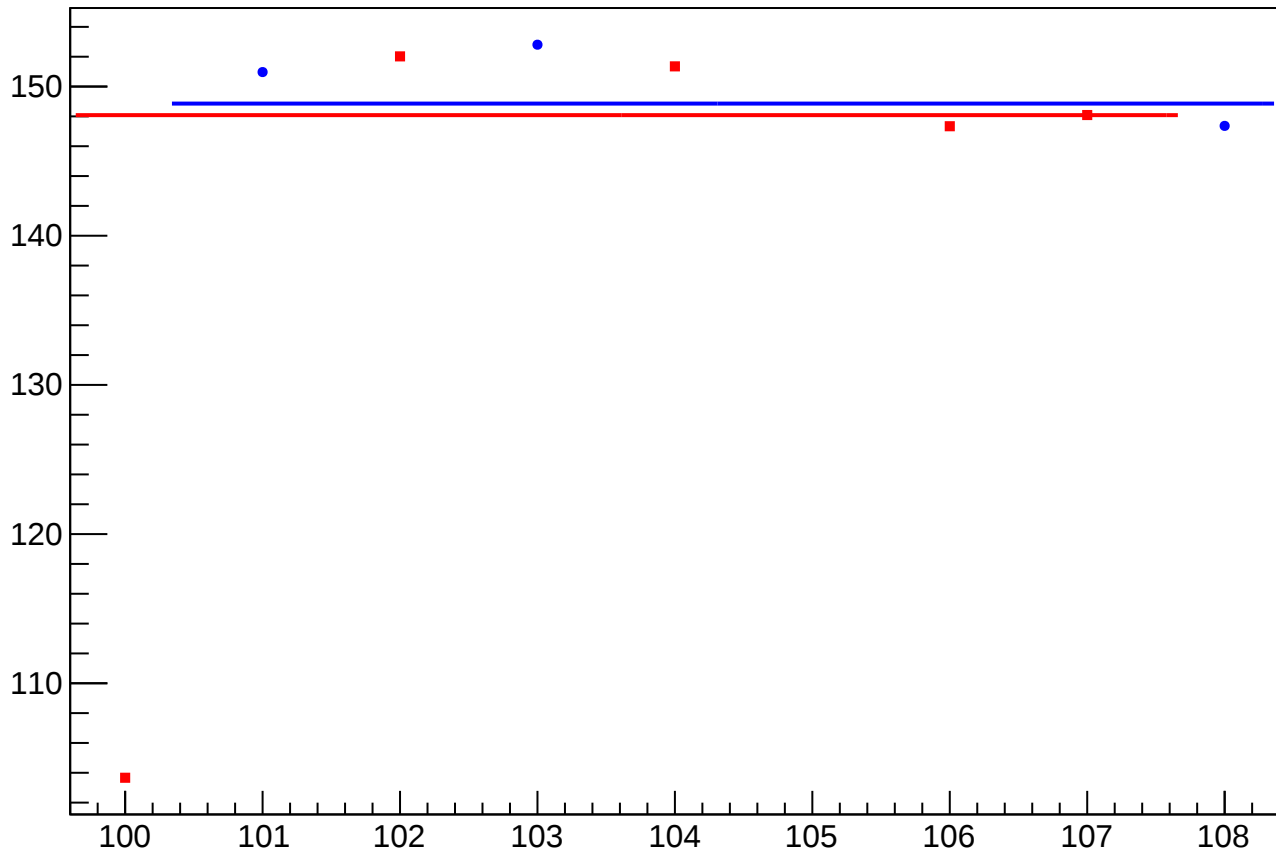
Right: 0.000+/-0.000 χ^2/NDF : 638795.1/7

In: 0.000+/-0.000 χ^2/NDF : 465961.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 638795.1/7

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 148.858+/-0.000 χ^2/NDF : 20473985.6/2

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

Right Out: 148.083+/-0.000 χ^2/NDF : 195342641.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

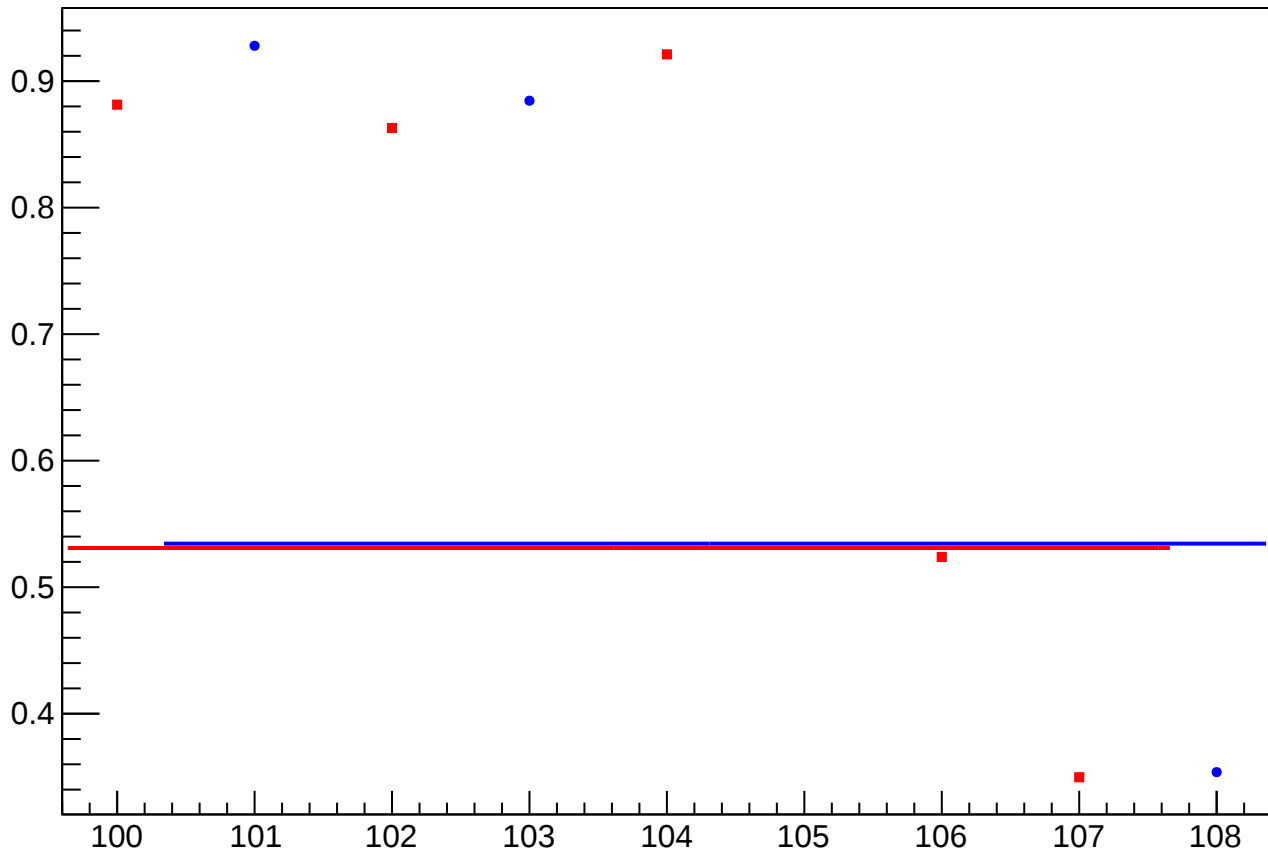
Right: 148.440+/-0.000 χ^2/NDF : 217179768.2/7

In: 148.858+/-0.000 χ^2/NDF : 20473985.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.440+/-0.000 χ^2/NDF : 217179768.2/7

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.534+/-0.000 χ^2/NDF : 565829.2/2

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

Right Out: 0.531+/-0.000 χ^2/NDF : 523623.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

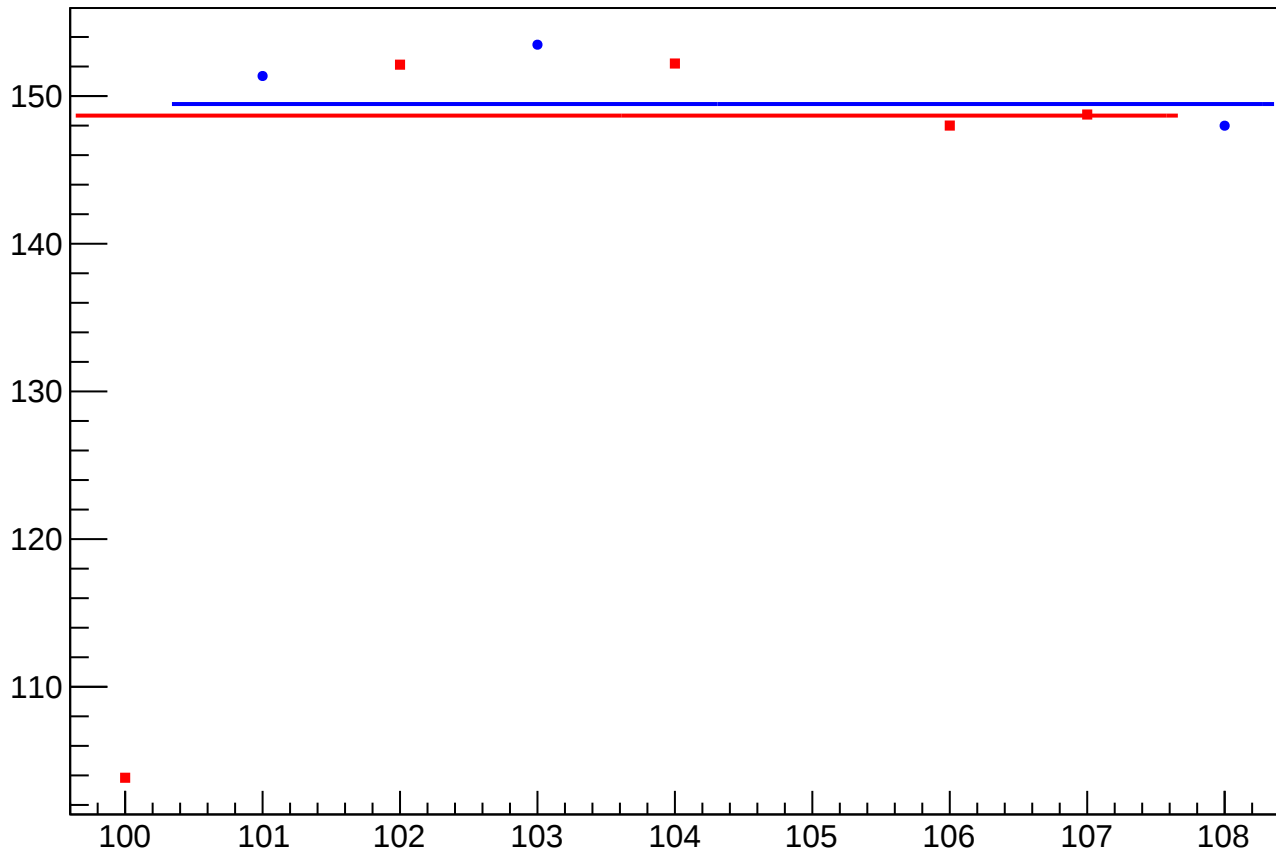
Right: 0.533+/-0.000 χ^2/NDF : 1089507.4/7

In: 0.534+/-0.000 χ^2/NDF : 565829.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.533+/-0.000 χ^2/NDF : 1089507.4/7

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 149.460+/-0.000 χ^2/NDF : 19672245.7/2

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

Right Out: 148.677+/-0.000 χ^2/NDF : 193440768.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

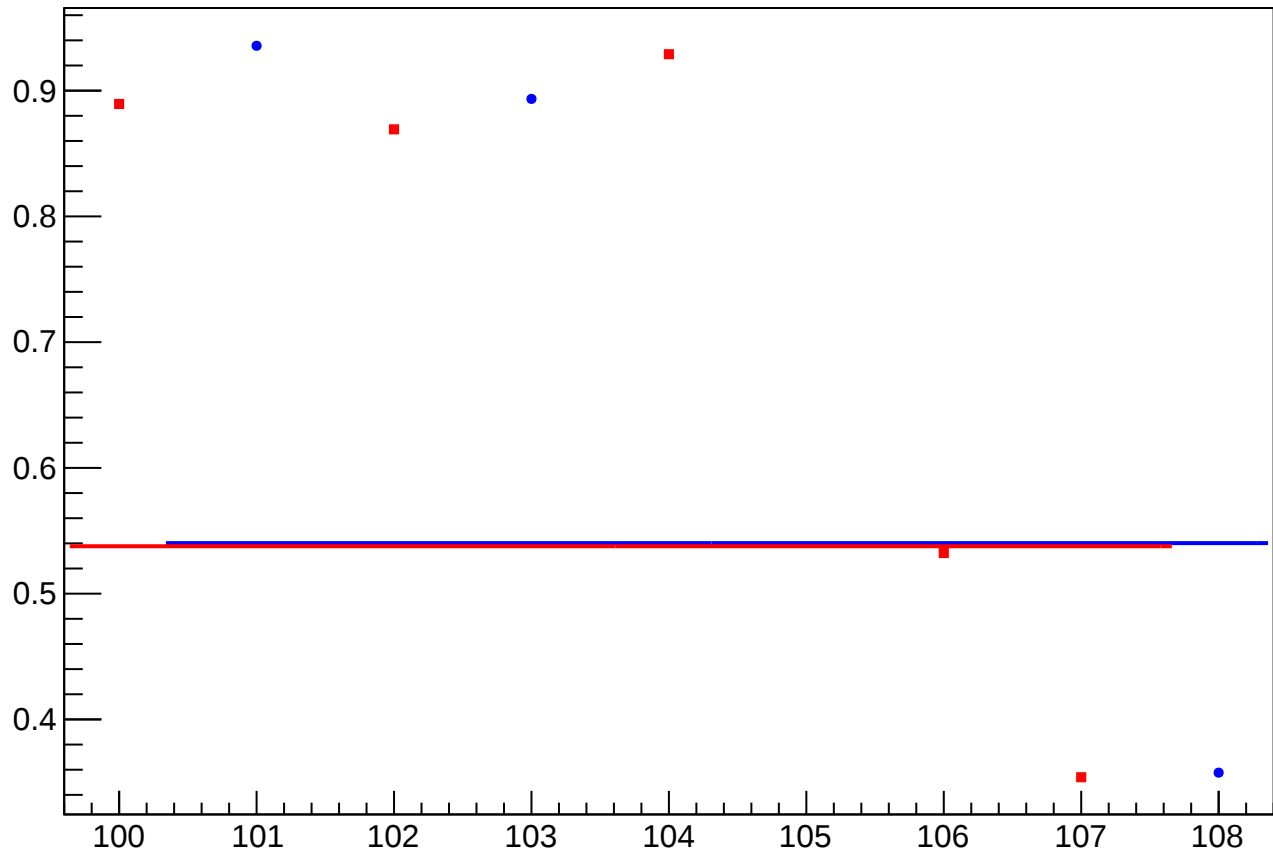
Right: 149.038+/-0.000 χ^2/NDF : 214475097.6/7

In: 149.460+/-0.000 χ^2/NDF : 19672245.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.038+/-0.000 χ^2/NDF : 214475097.6/7

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.540+/-0.000 χ^2/NDF : 563926.0/2

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

Right Out: 0.538+/-0.000 χ^2/NDF : 519137.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

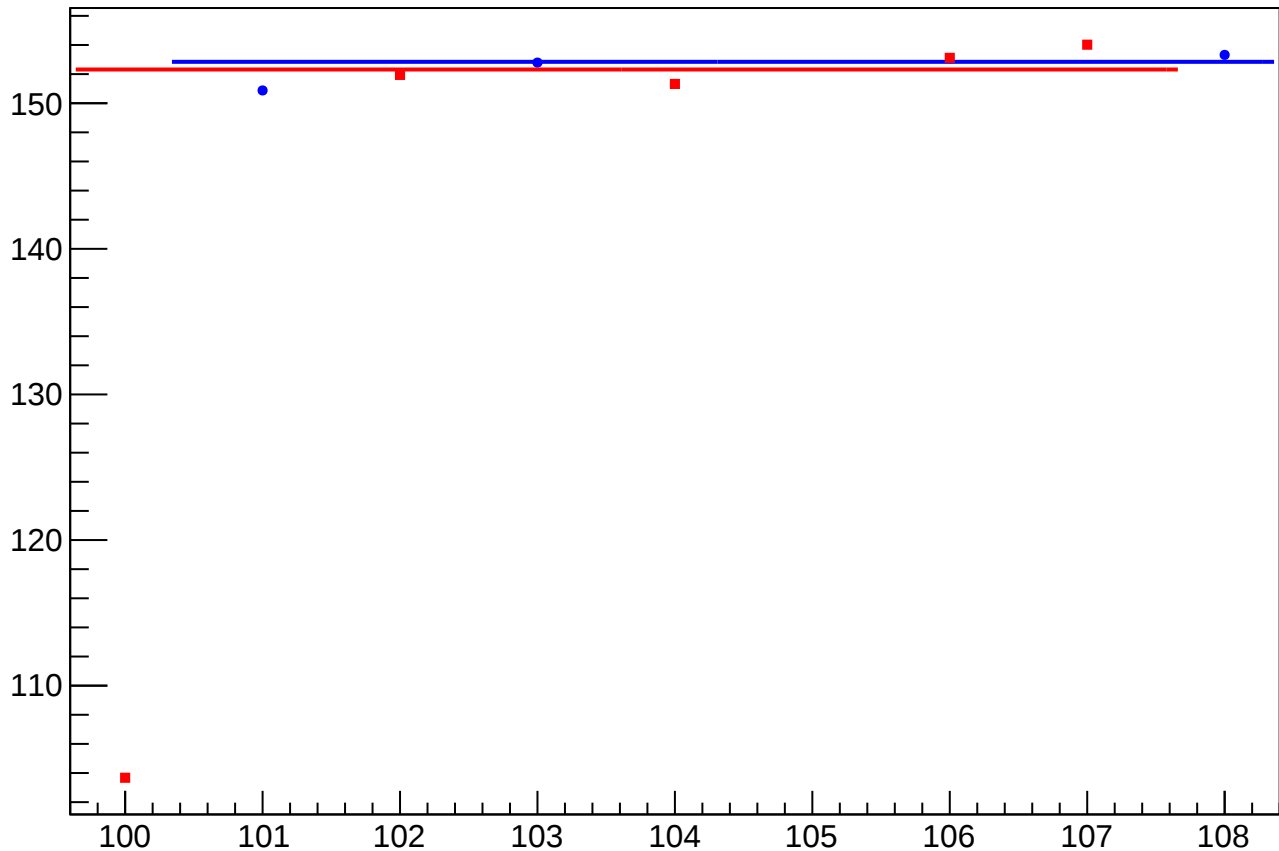
Right: 0.539+/-0.000 χ^2/NDF : 1083091.0/7

In: 0.540+/-0.000 χ^2/NDF : 563926.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.539+/-0.000 χ^2/NDF : 1083091.0/7

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 152.844+/-0.000 χ^2/NDF : 3159006.2/2

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

Right Out: 152.316+/-0.000 χ^2/NDF : 221358283.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

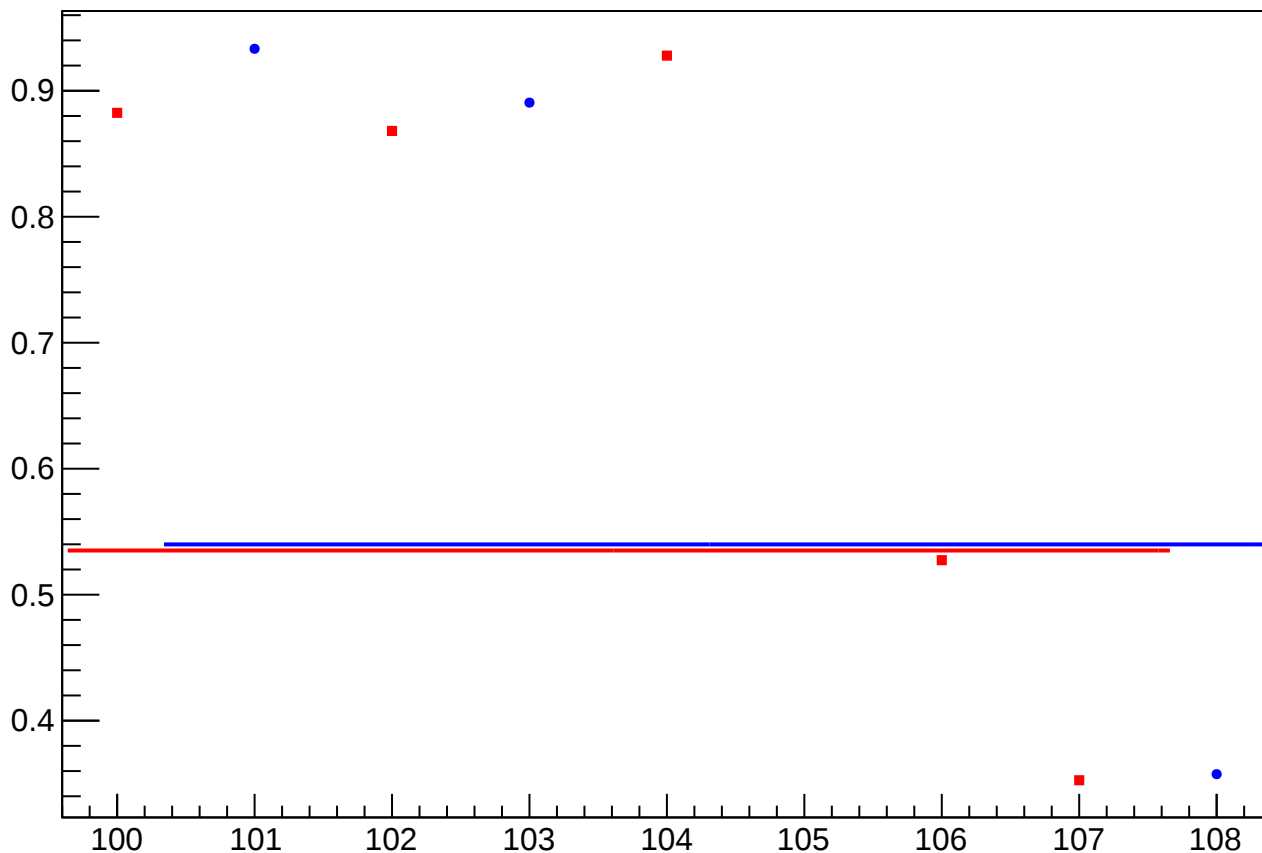
Right: 152.559+/-0.000 χ^2/NDF : 225138956.8/7

In: 152.844+/-0.000 χ^2/NDF : 3159006.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.559+/-0.000 χ^2/NDF : 225138956.8/7

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.540+/-0.000 χ^2/NDF : 561114.8/2

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

Right Out: 0.535+/-0.000 χ^2/NDF : 521616.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

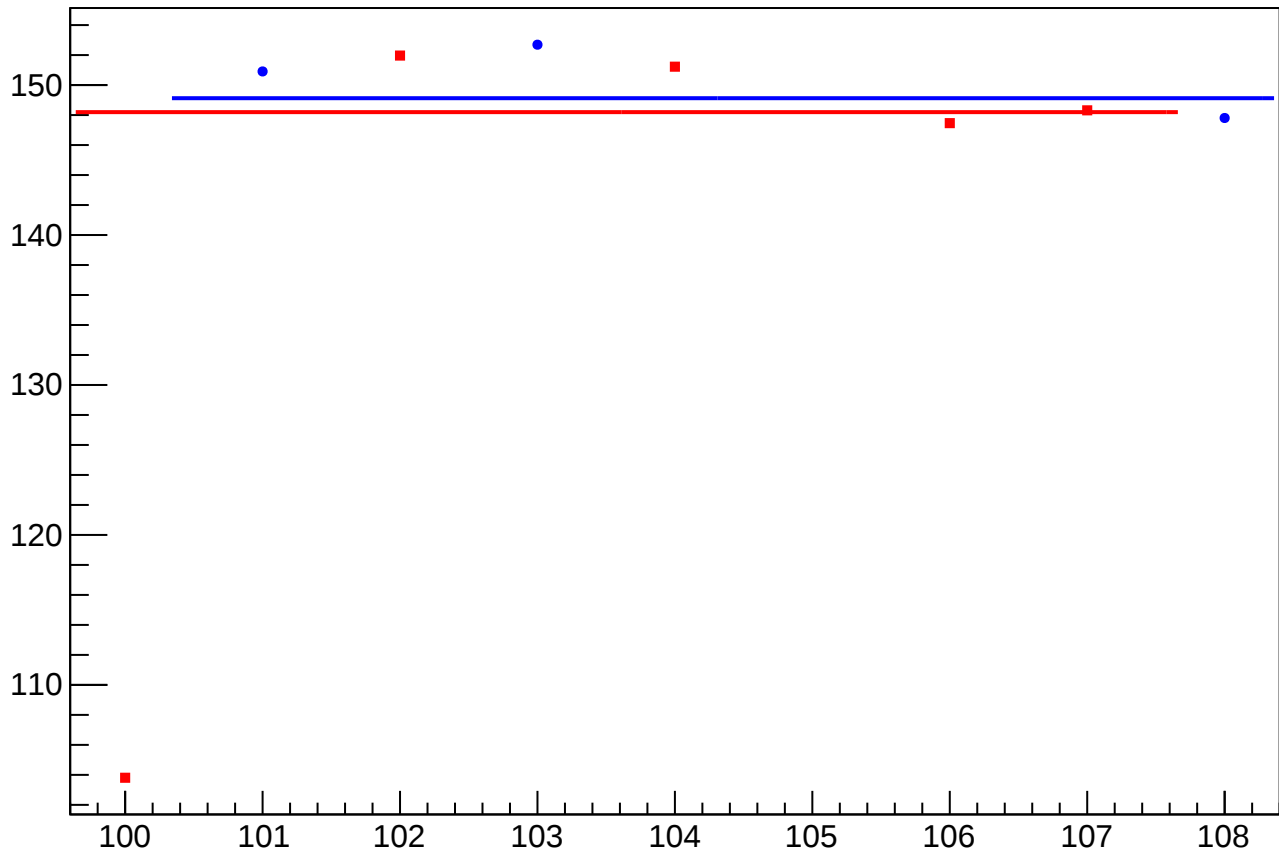
Right: 0.537+/-0.000 χ^2/NDF : 1082836.6/7

In: 0.540+/-0.000 χ^2/NDF : 561114.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.537+/-0.000 χ^2/NDF : 1082836.6/7

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 149.124+/-0.000 χ^2/NDF : 15807988.1/2

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

Right Out: 148.195+/-0.000 χ^2/NDF : 189534184.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

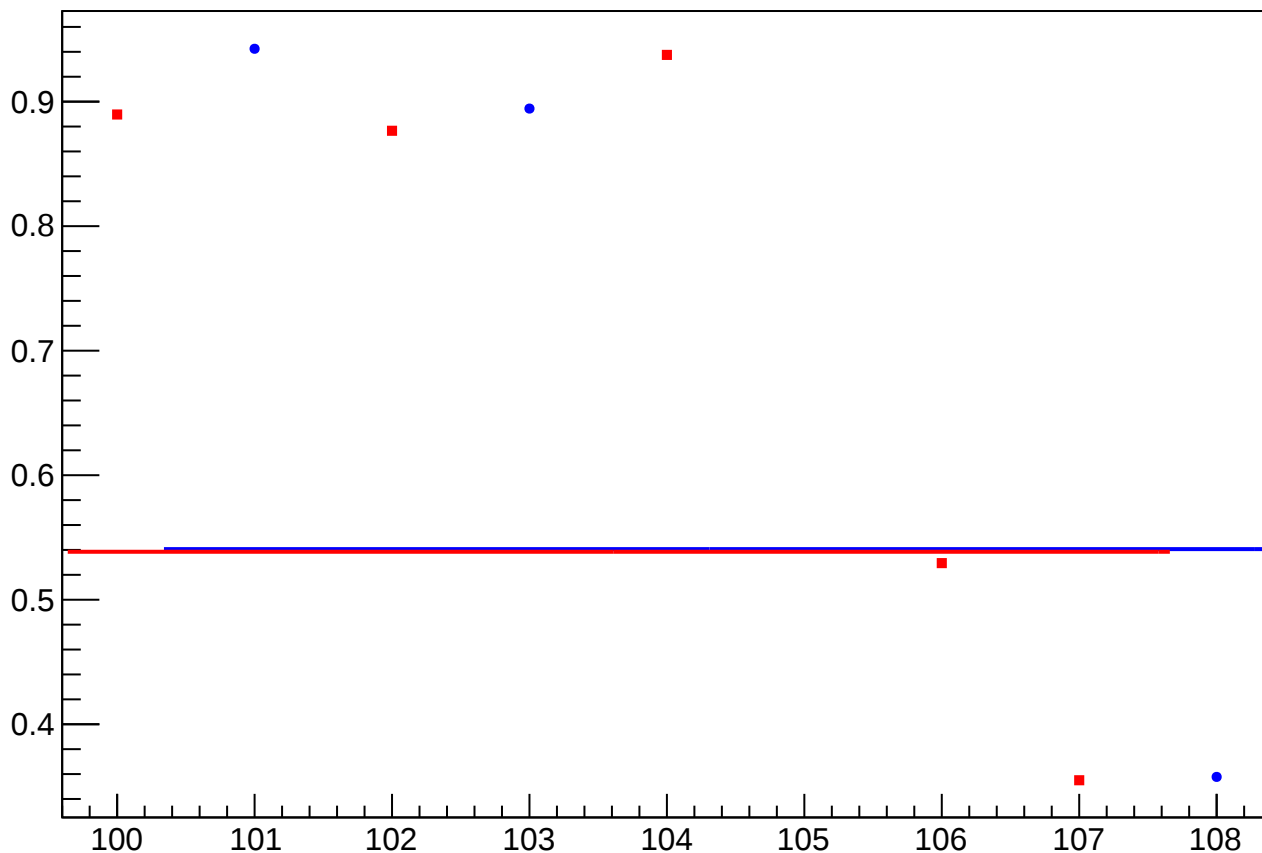
Right: 148.624+/-0.000 χ^2/NDF : 207252070.6/7

In: 149.124+/-0.000 χ^2/NDF : 15807988.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.624+/-0.000 χ^2/NDF : 207252070.6/7

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.541+/-0.000 χ^2/NDF : 568165.7/2

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

Right Out: 0.539+/-0.000 χ^2/NDF : 525226.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

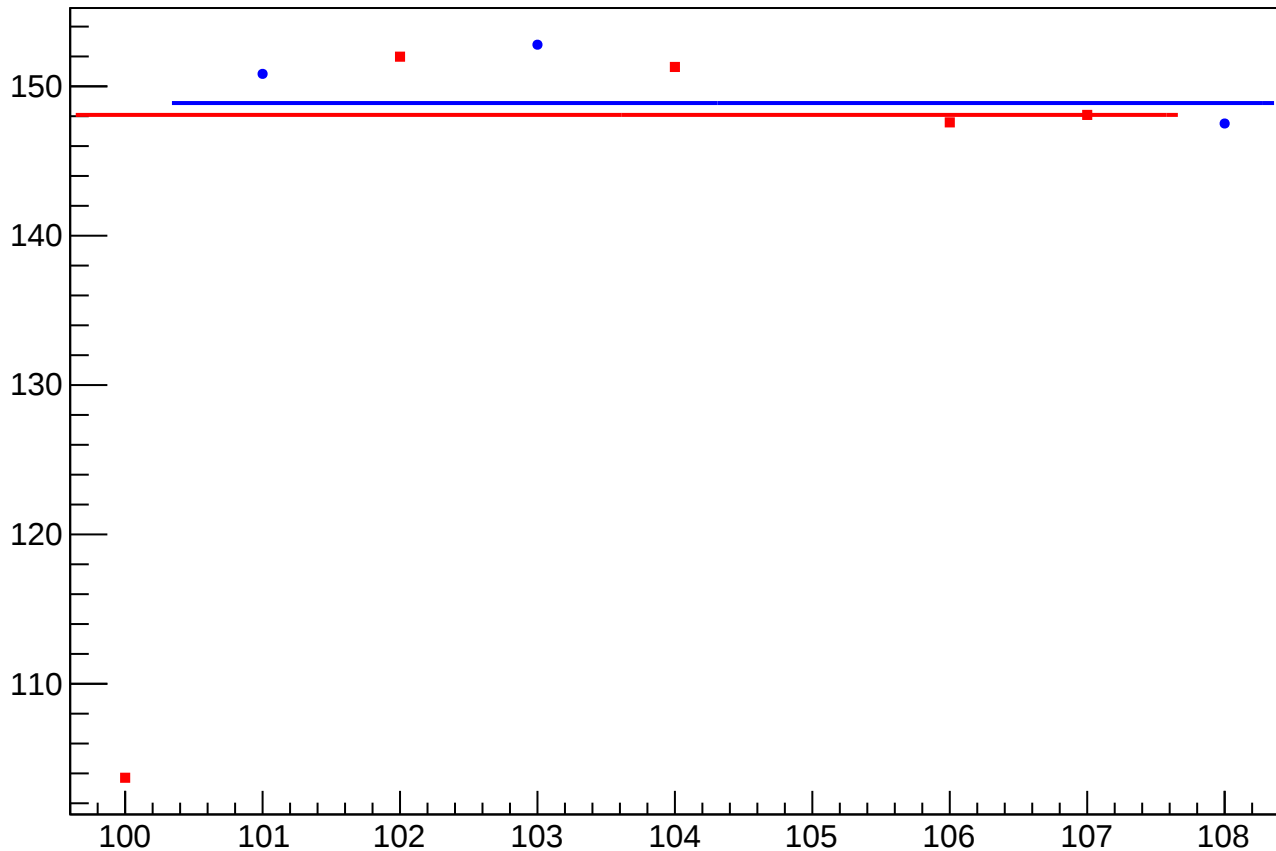
Right: 0.540+/-0.000 χ^2/NDF : 1093412.7/7

In: 0.541+/-0.000 χ^2/NDF : 568165.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.540+/-0.000 χ^2/NDF : 1093412.7/7

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 148.881+/-0.000 χ^2/NDF : 18377222.8/2

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

Right Out: 148.087+/-0.000 χ^2/NDF : 190261403.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

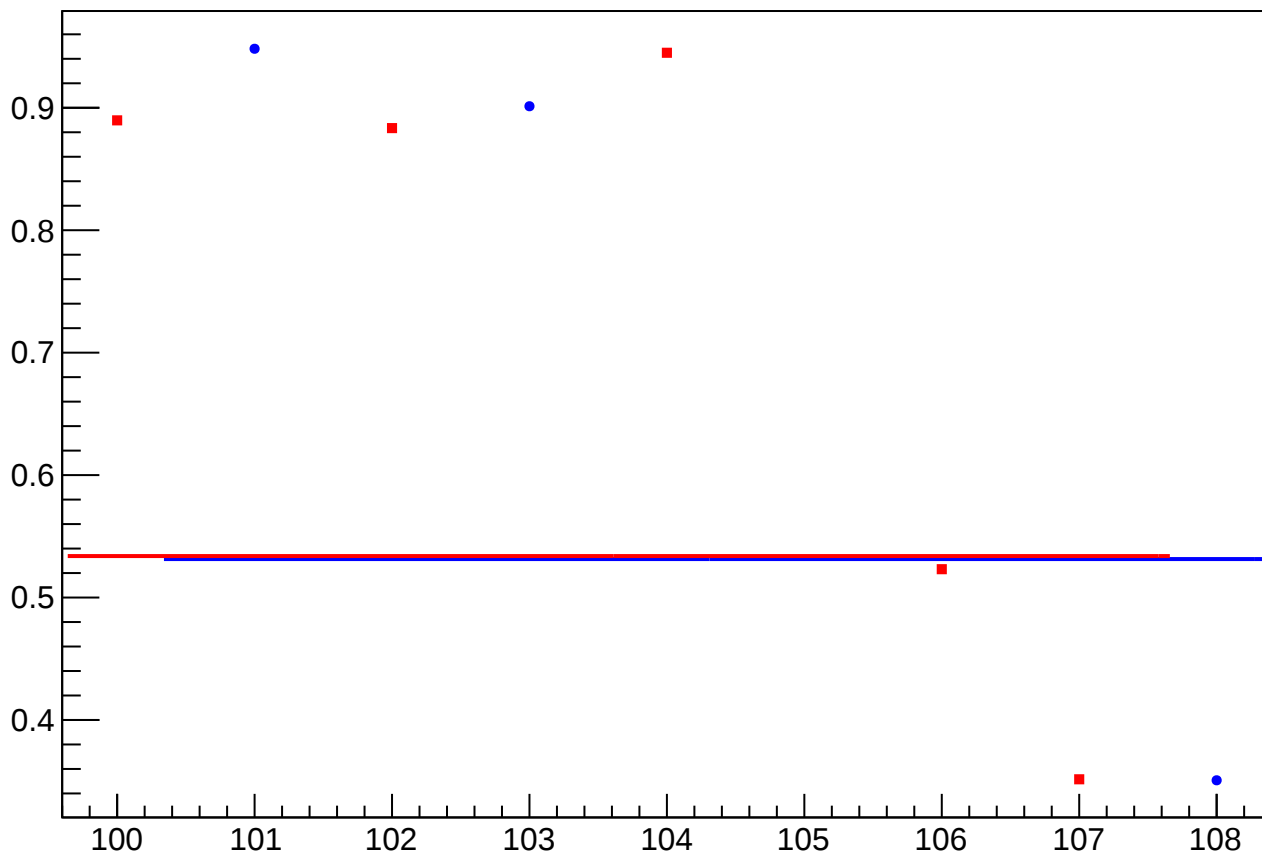
Right: 148.456+/-0.000 χ^2/NDF : 210057098.6/7

In: 148.881+/-0.000 χ^2/NDF : 18377222.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.456+/-0.000 χ^2/NDF : 210057098.6/7

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.531+/-0.000 χ^2/NDF : 597262.7/2

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

Right Out: 0.534+/-0.000 χ^2/NDF : 542944.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

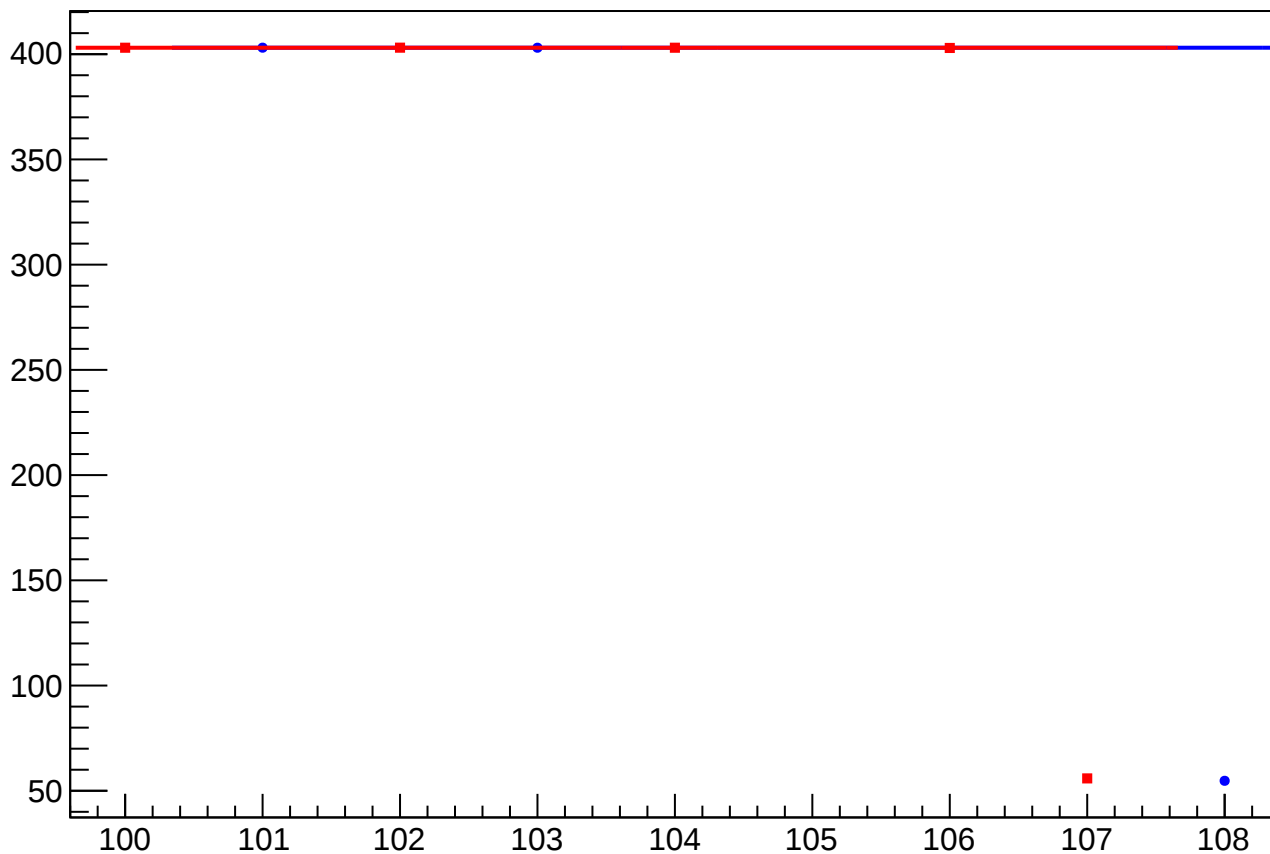
Right: 0.533+/-0.000 χ^2/NDF : 1140234.3/7

In: 0.531+/-0.000 χ^2/NDF : 597262.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

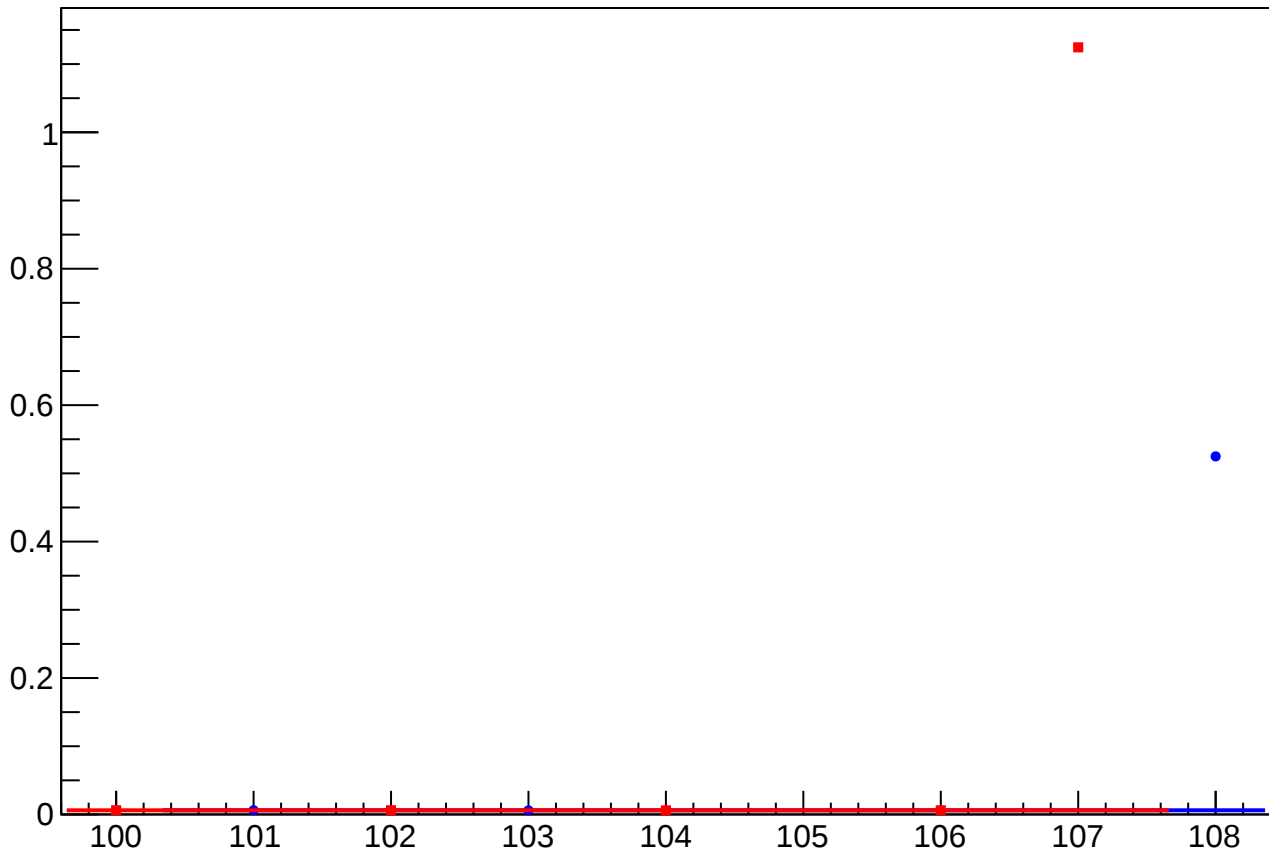
All: 0.533+/-0.000 χ^2/NDF : 1140234.3/7

yield_cav4bQ_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Right In: 403.078+/-0.000 χ^2 /NDF: 126338131615.8/2
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Right: 403.073+/-0.000 χ^2 /NDF: 149318736685.5/7
In: 403.078+/-0.000 χ^2 /NDF: 126338131615.8/2
Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
All: 403.073+/-0.000 χ^2 /NDF: 149318736685.5/7

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 561368.6/2

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

Right Out: 0.006+/-0.000 χ^2/NDF : 476237.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

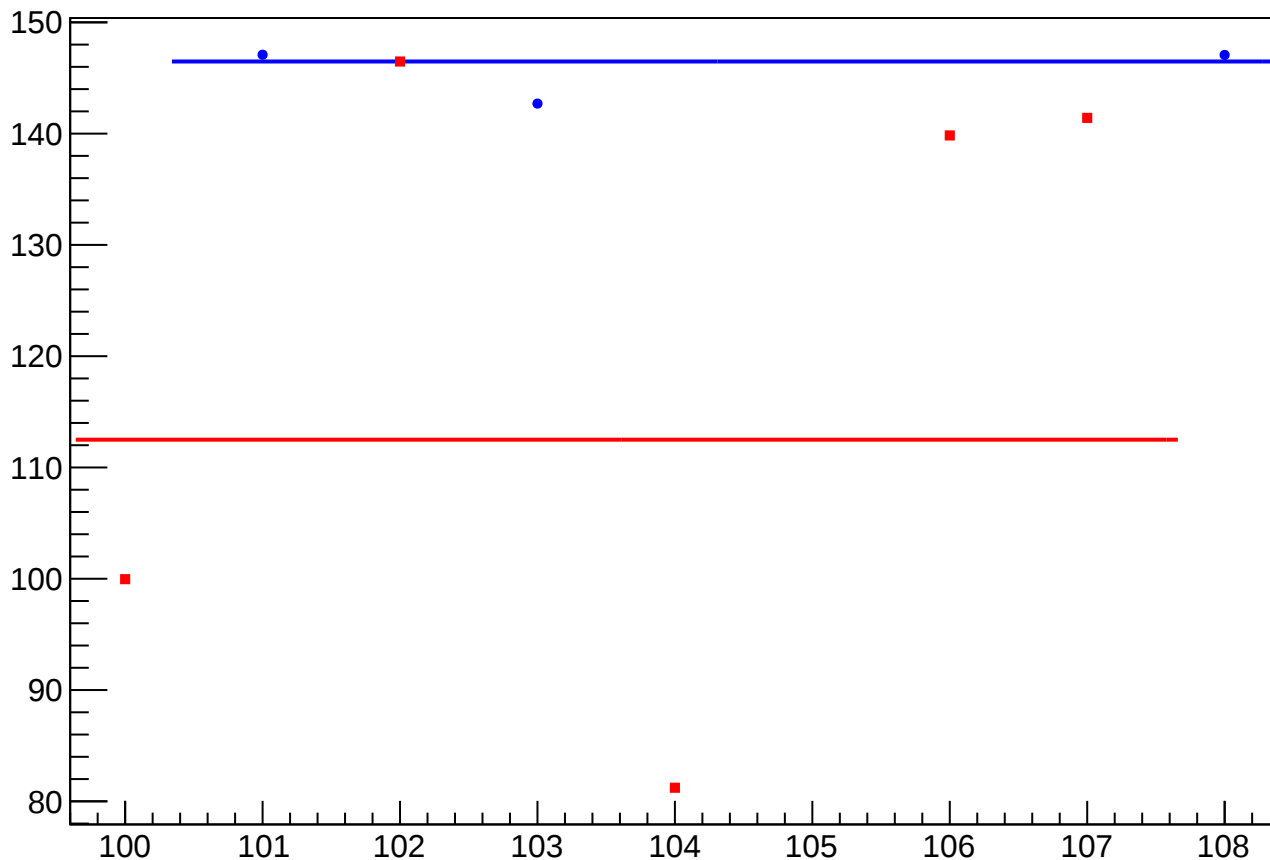
Right: 0.006+/-0.000 χ^2/NDF : 1037644.4/7

In: 0.006+/-0.000 χ^2/NDF : 561368.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1037644.4/7

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 146.482 ± 0.003 $\chi^2/\text{NDF}: 332566.1/2$

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

Right Out: 112.497 ± 0.003 $\chi^2/\text{NDF}: 97121202.8/4$

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

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

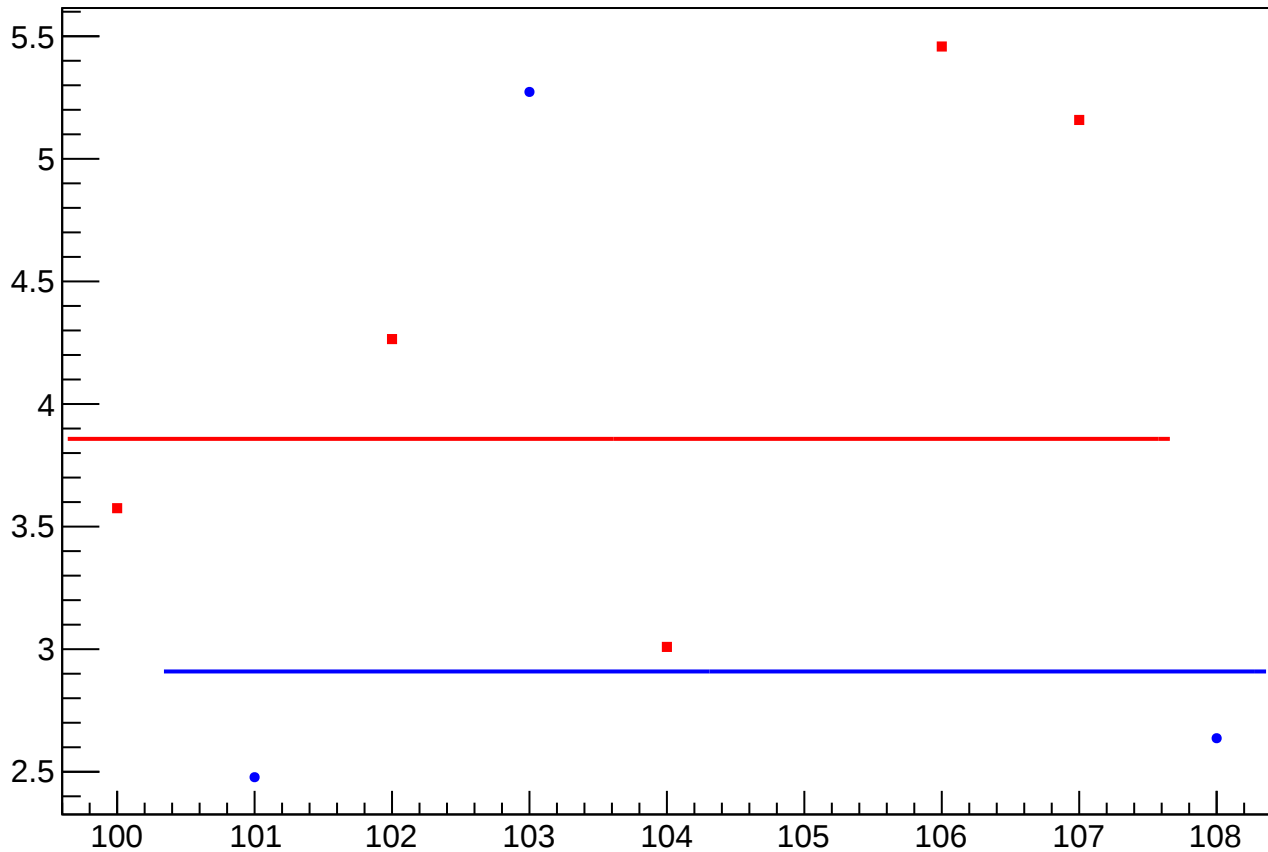
Right: 132.439 ± 0.002 $\chi^2/\text{NDF}: 167060290.5/7$

In: 146.482 ± 0.003 $\chi^2/\text{NDF}: 332566.1/2$

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

All: 132.439 ± 0.002 $\chi^2/\text{NDF}: 167060290.5/7$

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 2.909+/-0.002 χ^2/NDF : 261174.6/2

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

Right Out: 3.858+/-0.002 χ^2/NDF : 167097.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

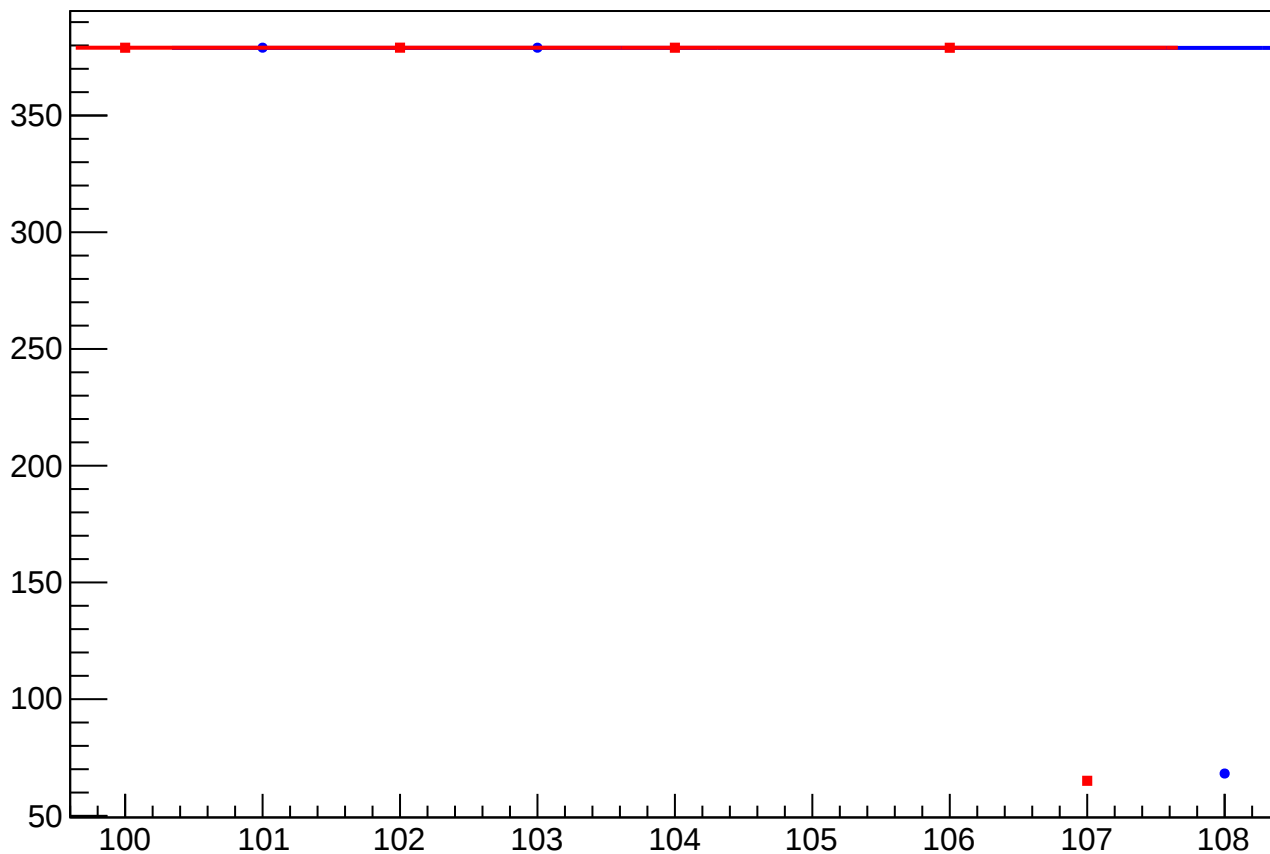
Right: 3.301+/-0.001 χ^2/NDF : 536751.4/7

In: 2.909+/-0.002 χ^2/NDF : 261174.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

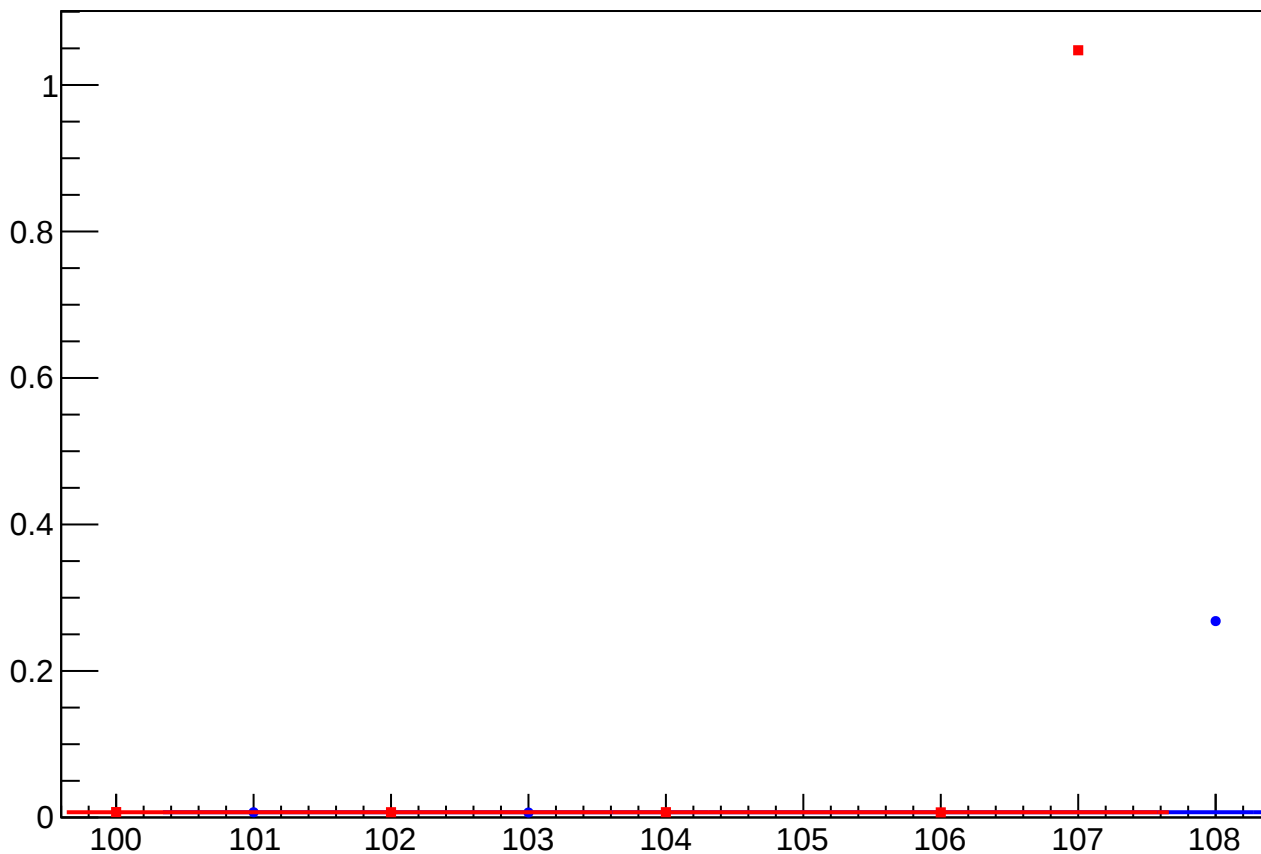
All: 3.301+/-0.001 χ^2/NDF : 536751.4/7

yield_cav4dQ_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Right In: 378.953+/-0.000 χ^2 /NDF: 409921801460.1/2
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Right: 378.999+/-0.000 χ^2 /NDF: 432679117571.3/7
In: 378.953+/-0.000 χ^2 /NDF: 409921801460.1/2
Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
All: 378.999+/-0.000 χ^2 /NDF: 432679117571.3/7

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 578257.1/2

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

Right Out: 0.007+/-0.000 χ^2/NDF : 498669.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

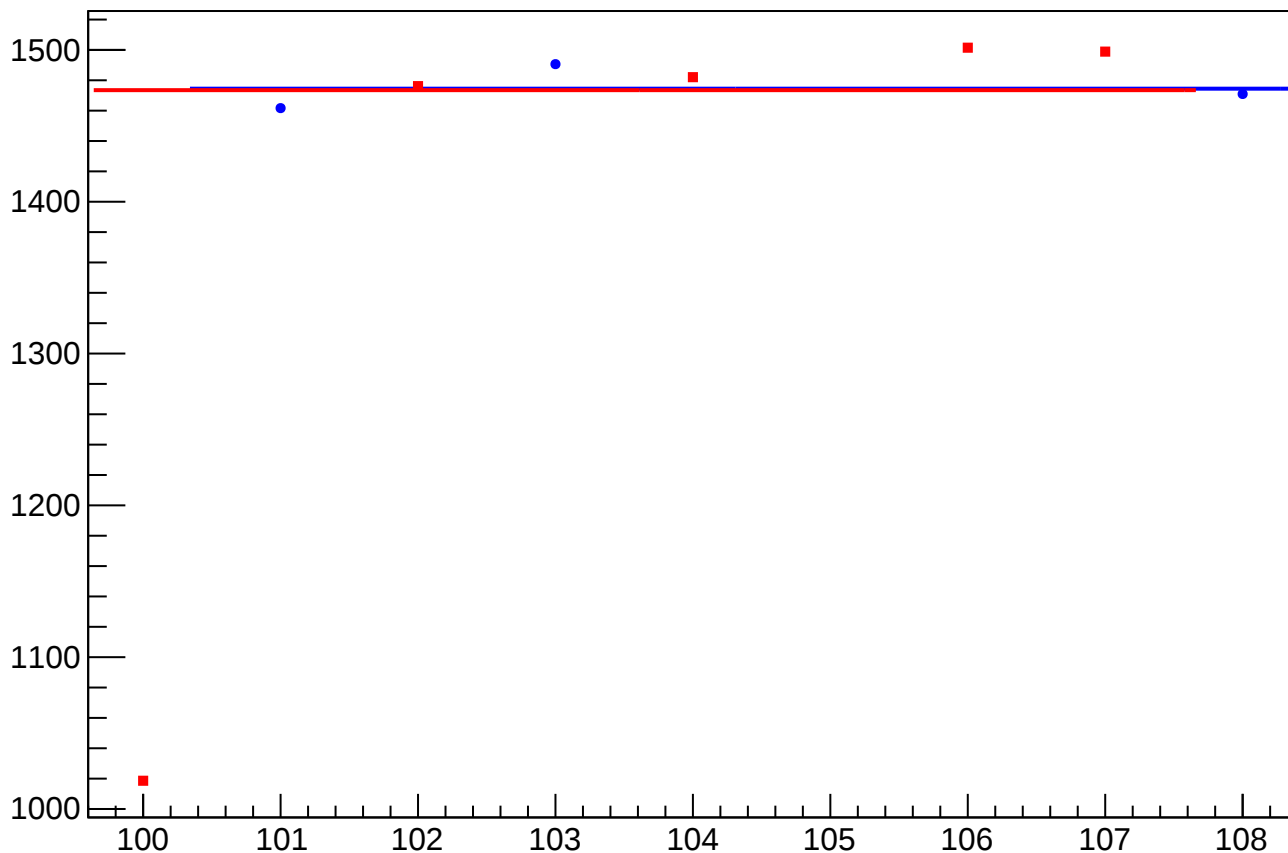
Right: 0.007+/-0.000 χ^2/NDF : 1076934.7/7

In: 0.007+/-0.000 χ^2/NDF : 578257.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

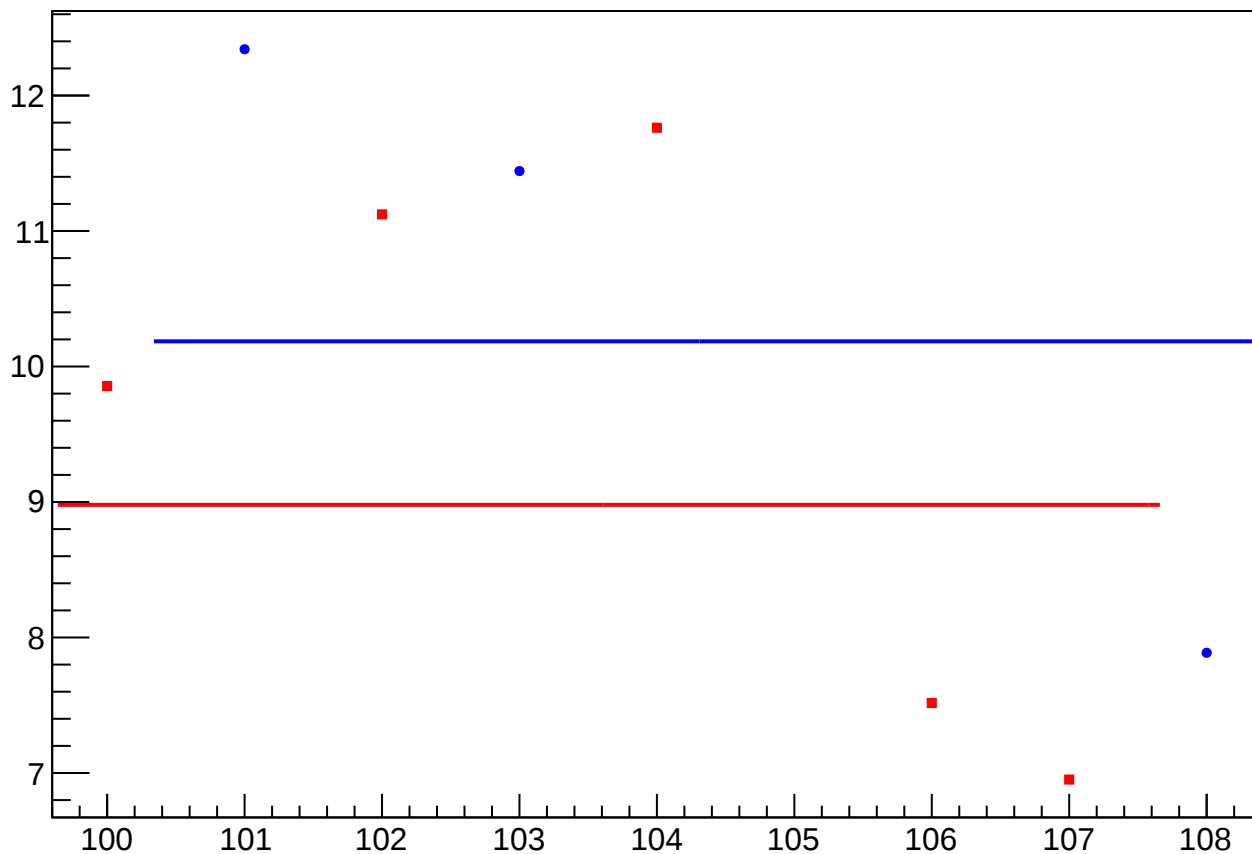
All: 0.007+/-0.000 χ^2/NDF : 1076934.7/7

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 1474.471+/-0.009 χ^2/NDF : 1760269.2/2 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0 Right: 1473.907+/-0.006 χ^2/NDF : 154088979.4/7
 Right Out: 1473.499+/-0.007 χ^2/NDF : 152321271.9/4 In: 1474.471+/-0.009 χ^2/NDF : 1760269.2/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1473.907+/-0.006 χ^2/NDF : 154088979.4

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 10.186 $\pm$ 0.006 χ^2 /NDF: 107915.8/2

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

Right Out: 8.979 $\pm$ 0.005 χ^2 /NDF: 160771.5/4

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

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

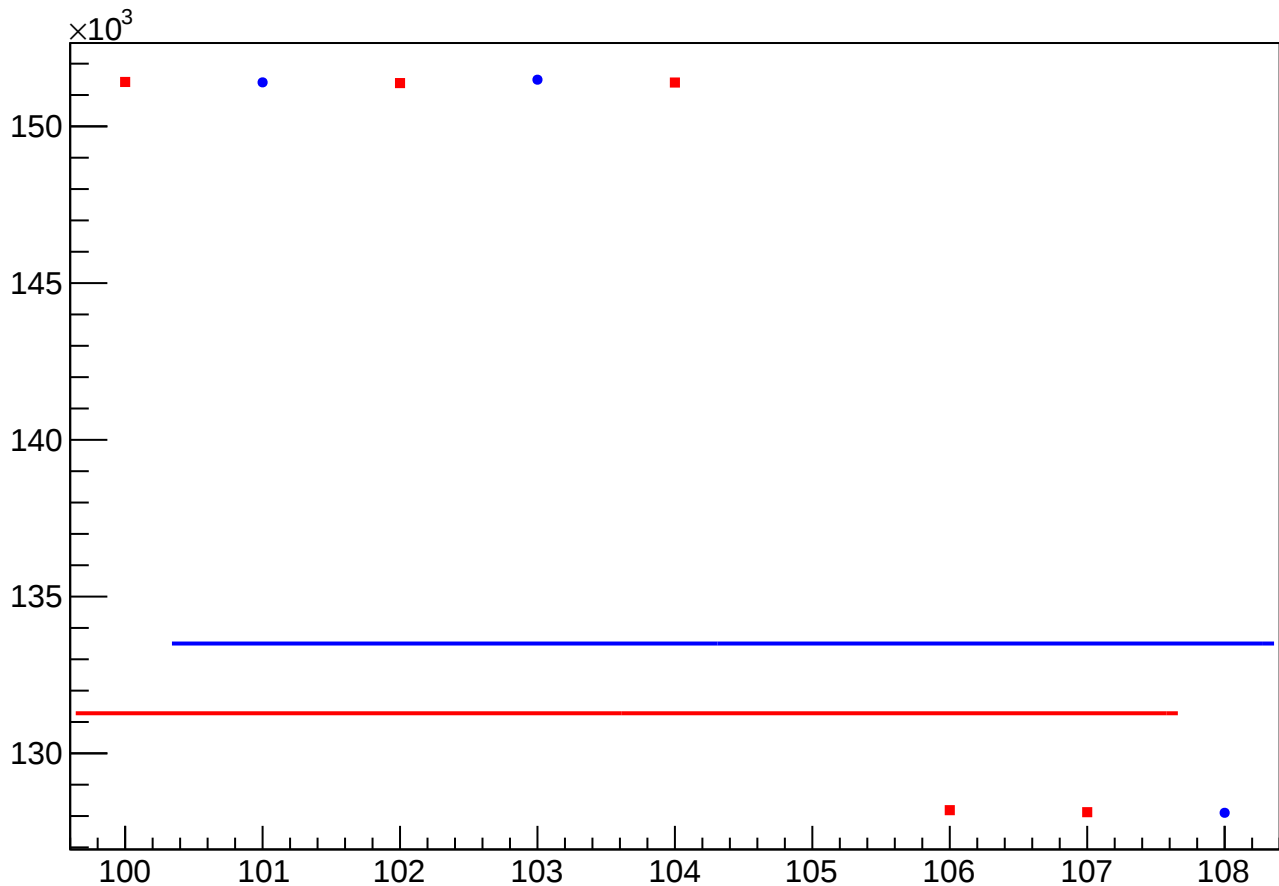
Right: 9.485 $\pm$ 0.004 χ^2 /NDF: 291634.3/7

In: 10.186 $\pm$ 0.006 χ^2 /NDF:107915.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.485 $\pm$ 0.004 χ^2 /NDF: 291634.3/7

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 133502.885+/-0.178 χ^2 /NDF: 3056987784.3/2

Right: 132166.883+/-0.113 χ^2 /NDF: 6134677294.5/2

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

Right Out: 131278.176+/-0.145 χ^2 /NDF: 2983890465.8/4

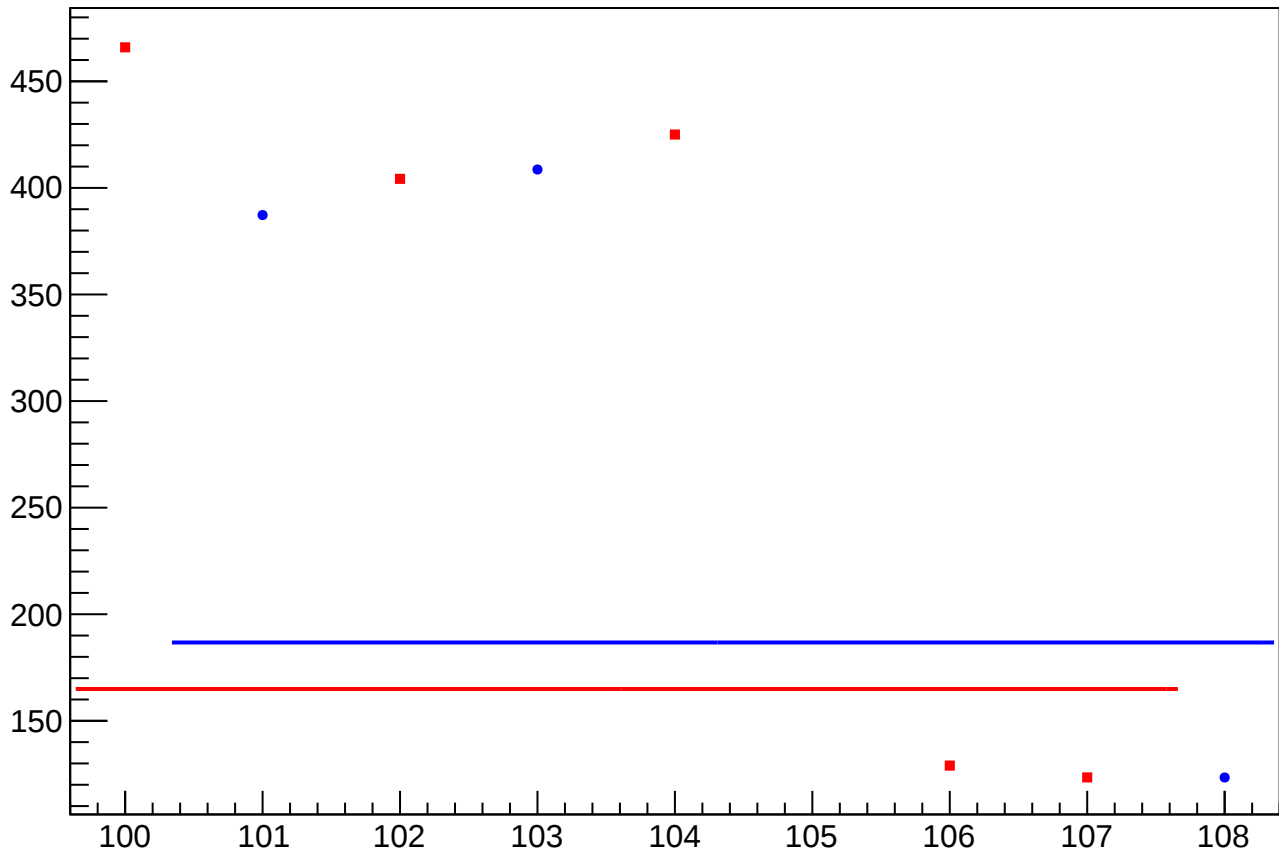
In: 133502.885+/-0.178 χ^2 /NDF: 3056987784.3/2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 132166.883+/-0.113 χ^2 /NDF: 6134677294.5/2

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 186.742 $\pm$ 0.126 χ^2 /NDF: 842797.0/2

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

Right Out: 164.935 $\pm$ 0.103 χ^2 /NDF: 935311.0/4

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

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

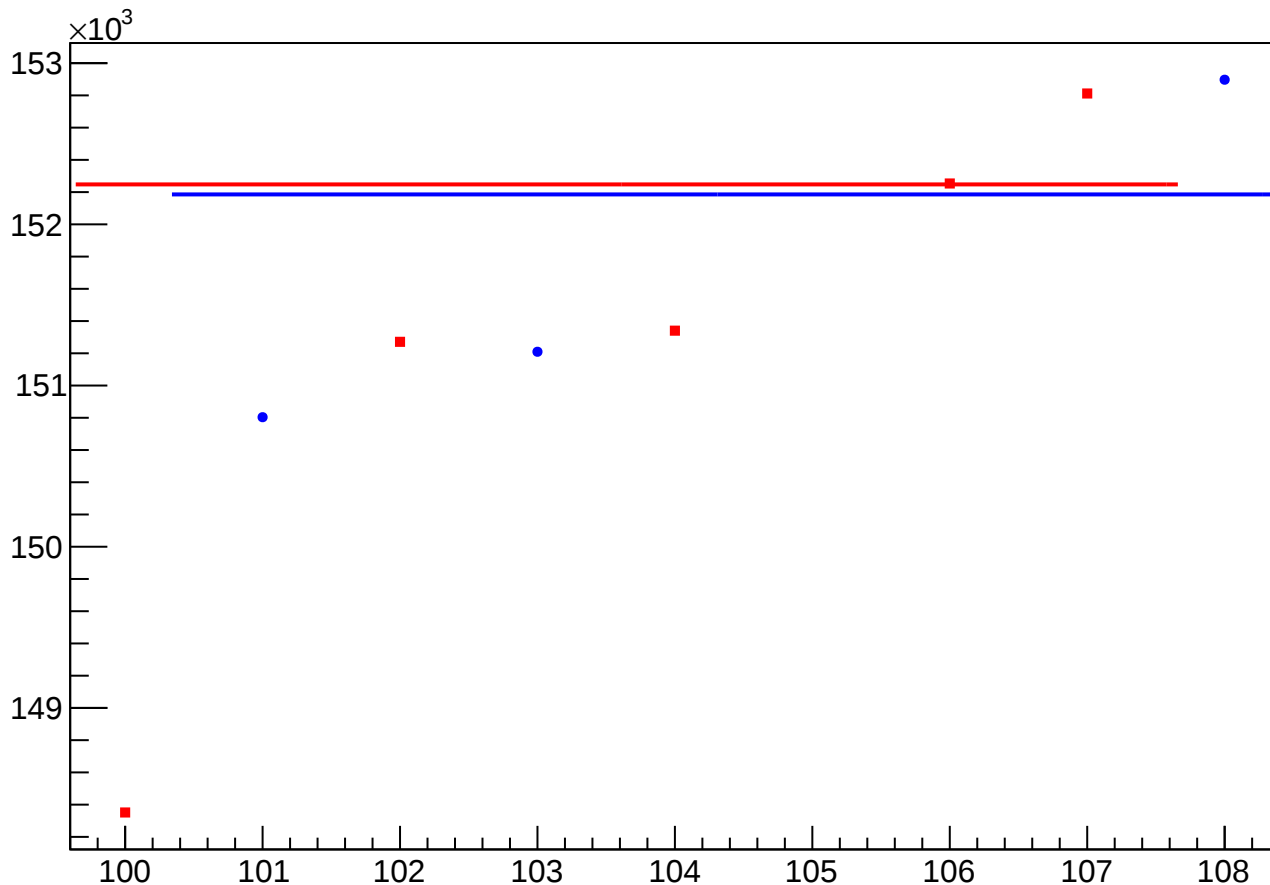
Right: 173.646 $\pm$ 0.080 χ^2 /NDF: 1796133.0/7

In: 186.742 $\pm$ 0.126 χ^2 /NDF:842797.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 173.646 $\pm$ 0.080 χ^2 /NDF: 1796133.0/7

yield_bpm0i07WS_mean vs Slug, Sign Corrected



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

Right In: 152185.685 $\pm$ 0.216 χ^2/NDF : 18436251.9/2

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

Right: 152219.452 $\pm$ 0.146 χ^2/NDF : 33057502.2/7

In: 152185.685 $\pm$ 0.216 χ^2/NDF : 18436251.9/2

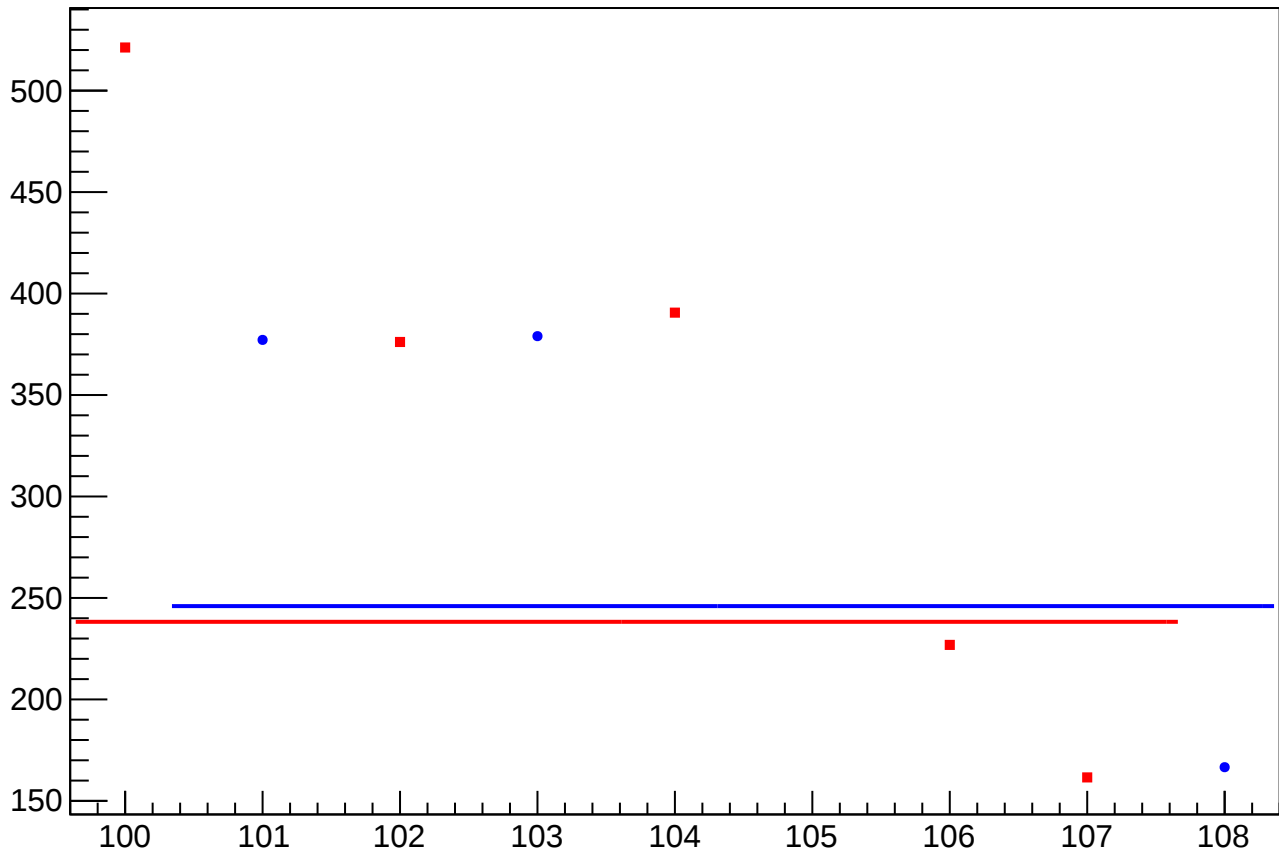
Right Out: 152247.767 $\pm$ 0.198 χ^2/NDF : 14576206.2/4

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

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

All: 152219.452 $\pm$ 0.146 χ^2/NDF : 33057502.2/7

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 245.982 $\pm$ 0.153 χ^2 /NDF: 450576.0/2

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

Right Out: 238.242 $\pm$ 0.140 χ^2 /NDF: 498765.1/4

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

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

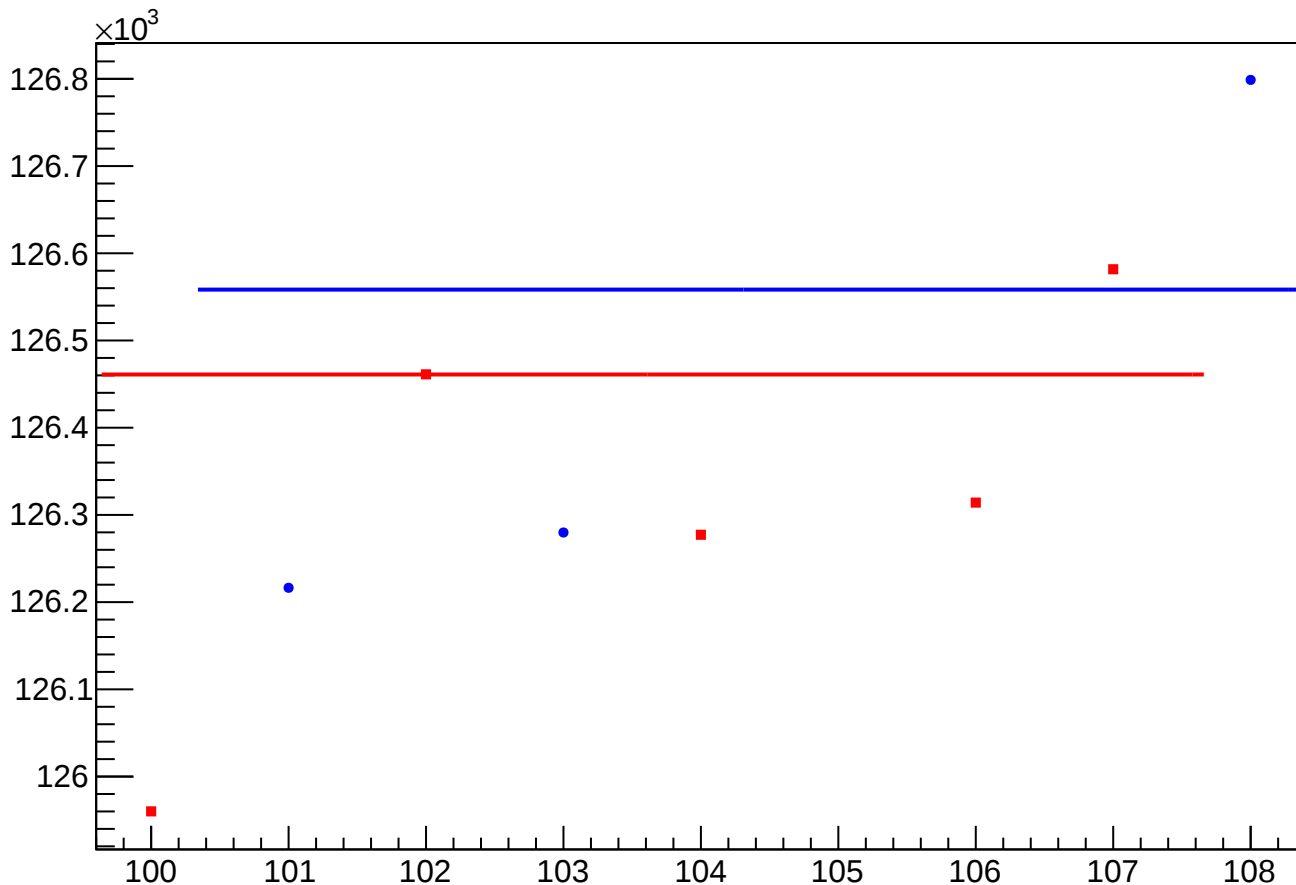
Right: 241.772 $\pm$ 0.103 χ^2 /NDF: 950741.4/7

In: 245.982 $\pm$ 0.153 χ^2 /NDF:450576.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 241.772 $\pm$ 0.103 χ^2 /NDF: 950741.4/7

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 126505.036+/-0.127 χ^2 /NDF: 2910400.7/7

In: 126558.340+/-0.188 χ^2 /NDF: 2125219.8/2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 126505.036+/-0.127 χ^2 /NDF: 2910400.7

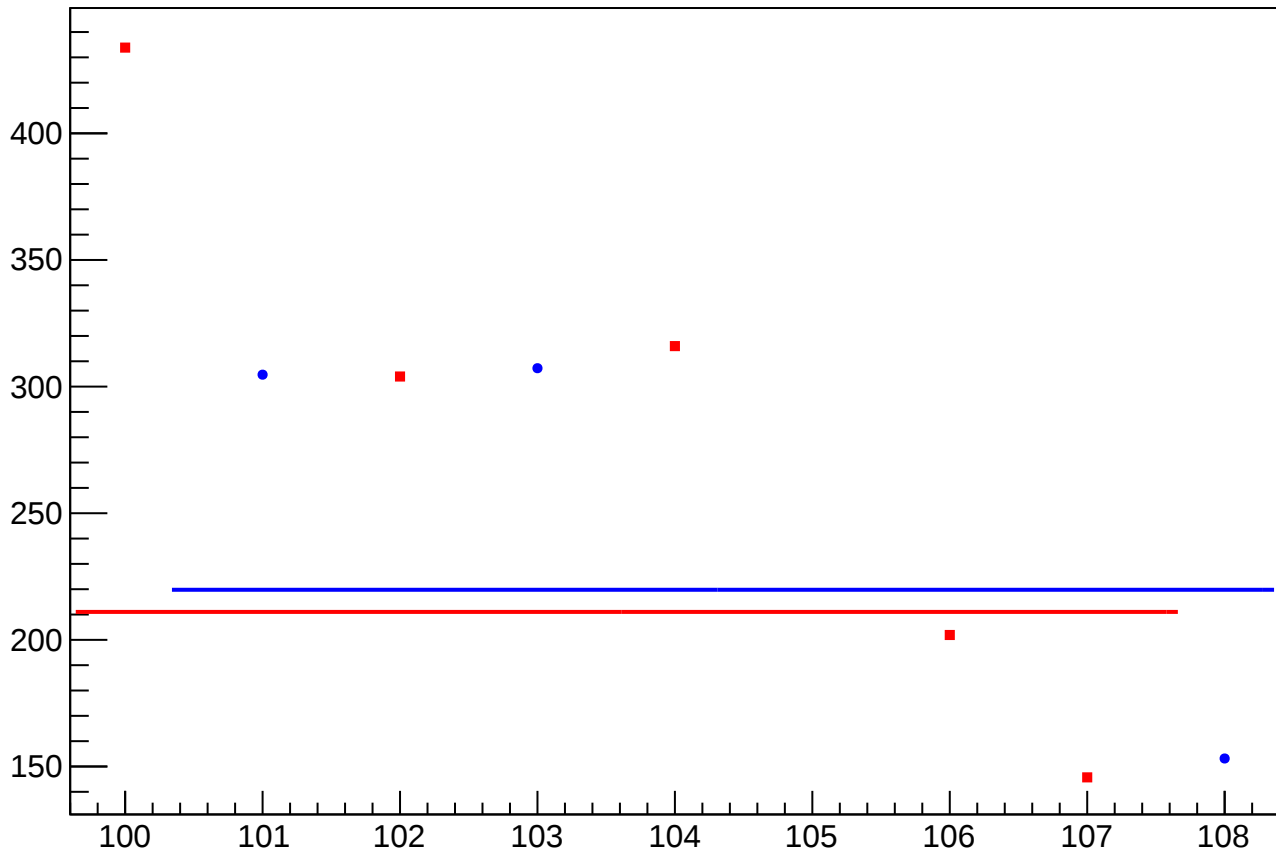
Right In: 126558.340+/-0.188 χ^2 /NDF: 2125219.8/2

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

Right Out: 126461.017+/-0.171 χ^2 /NDF: 638657.8/4

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

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 219.777 $\pm$ 0.133 χ^2 /NDF: 324320.9/2

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

Right Out: 211.038 $\pm$ 0.121 χ^2 /NDF: 390995.6/4

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

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

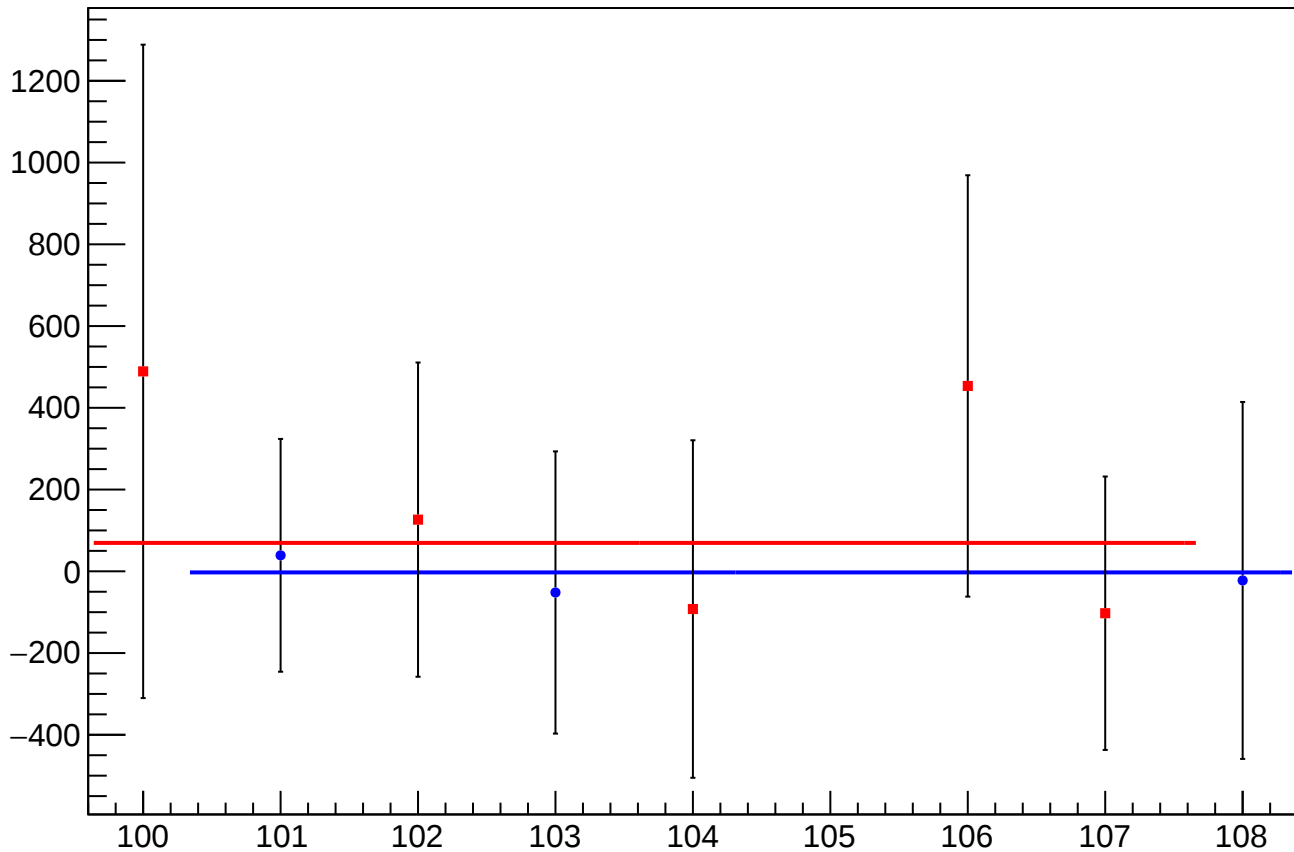
Right: 214.990 $\pm$ 0.089 χ^2 /NDF: 717679.3/7

In: 219.777 $\pm$ 0.133 χ^2 /NDF: 324320.9/2

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

All: 214.990 $\pm$ 0.089 χ^2 /NDF: 717679.3/7

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: -2.693+/-196.248 χ^2/NDF : 0.0/2

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

Right Out: 69.488+/-192.807 χ^2/NDF : 1.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

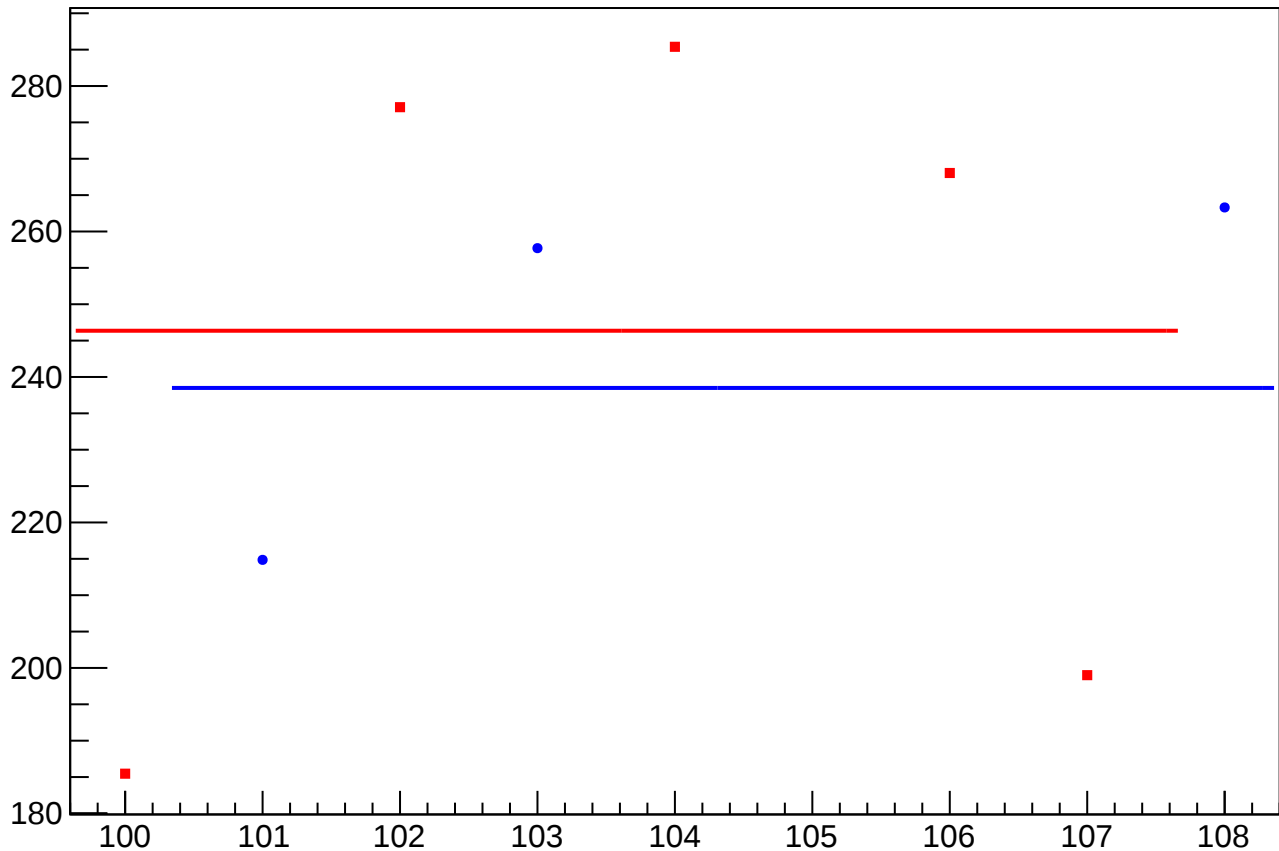
Right: 34.036+/-137.536 χ^2/NDF : 1.4/7

In: -2.693+/-196.248 χ^2/NDF : 0.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.036+/-137.536 χ^2/NDF : 1.4/7

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 238.494+/-0.139 χ^2/NDF : 26428.8/2

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

Right Out: 246.357+/-0.136 χ^2/NDF : 85886.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

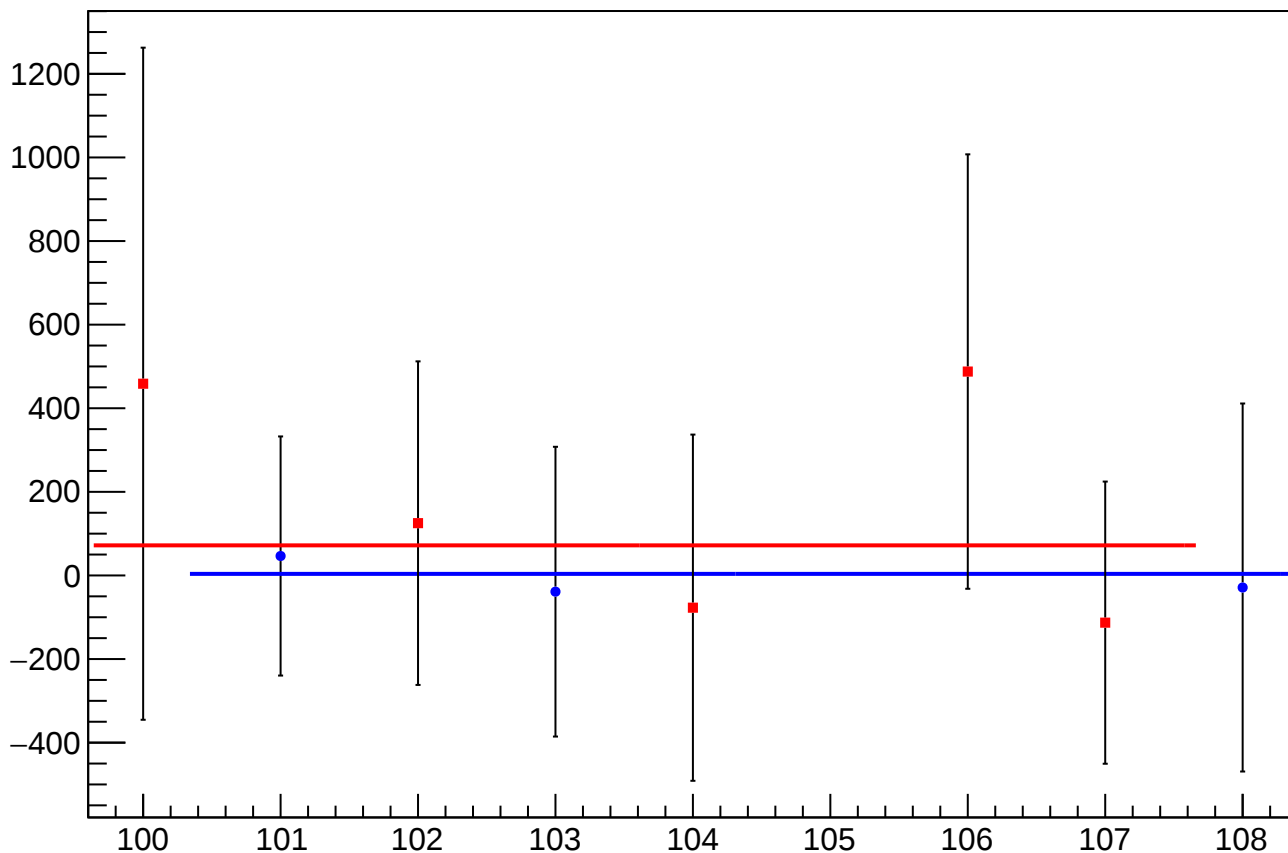
Right: 242.495+/-0.097 χ^2/NDF : 113949.4/7

In: 238.494+/-0.139 χ^2/NDF : 26428.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 242.495+/-0.097 χ^2/NDF : 113949.4/7

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 3.757+/-197.226 χ^2/NDF : 0.0/2

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

Right Out: 71.979+/-194.132 χ^2/NDF : 1.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

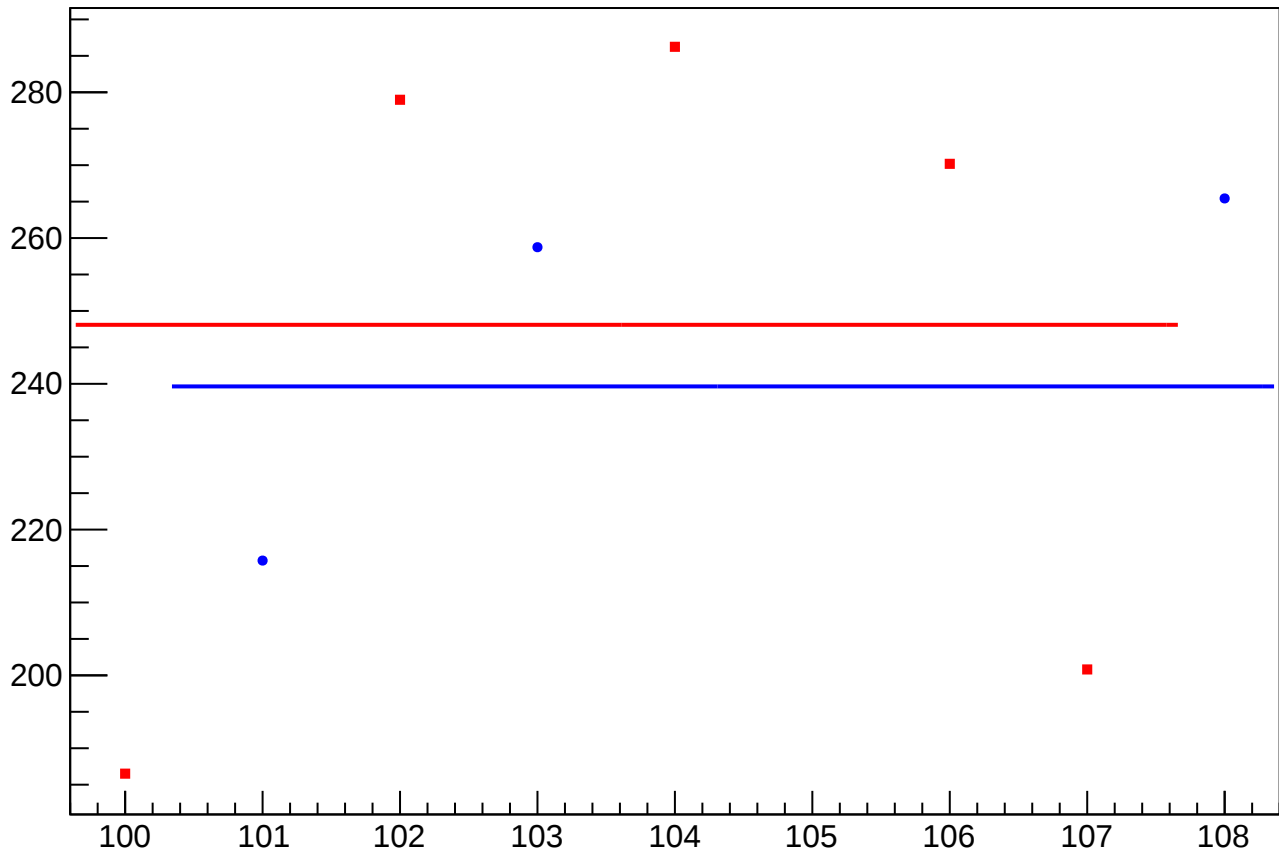
Right: 38.408+/-138.353 χ^2/NDF : 1.4/7

In: 3.757+/-197.226 χ^2/NDF : 0.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.408+/-138.353 χ^2/NDF : 1.4/7

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 239.644 $\pm$ 0.139 χ^2 /NDF: 26899.6/2

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

Right Out: 248.096 $\pm$ 0.137 χ^2 /NDF: 84298.1/4

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

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

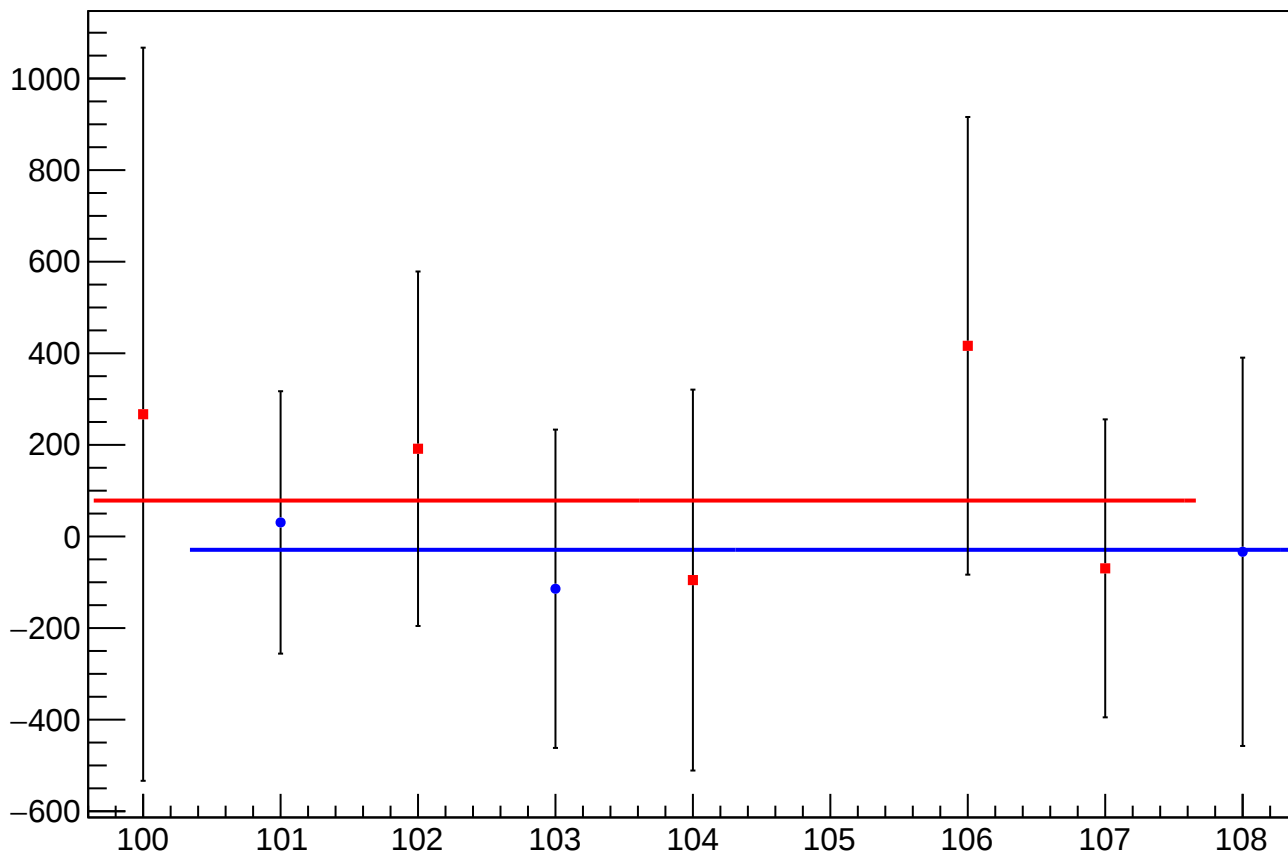
Right: 243.937 $\pm$ 0.098 χ^2 /NDF: 113063.1/7

In: 239.644 $\pm$ 0.139 χ^2 /NDF:26899.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 243.937 $\pm$ 0.098 χ^2 /NDF: 113063.1/7

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: -29.119+/-196.019 χ^2/NDF : 0.1/2

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

Right Out: 78.431+/-190.790 χ^2/NDF : 1.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

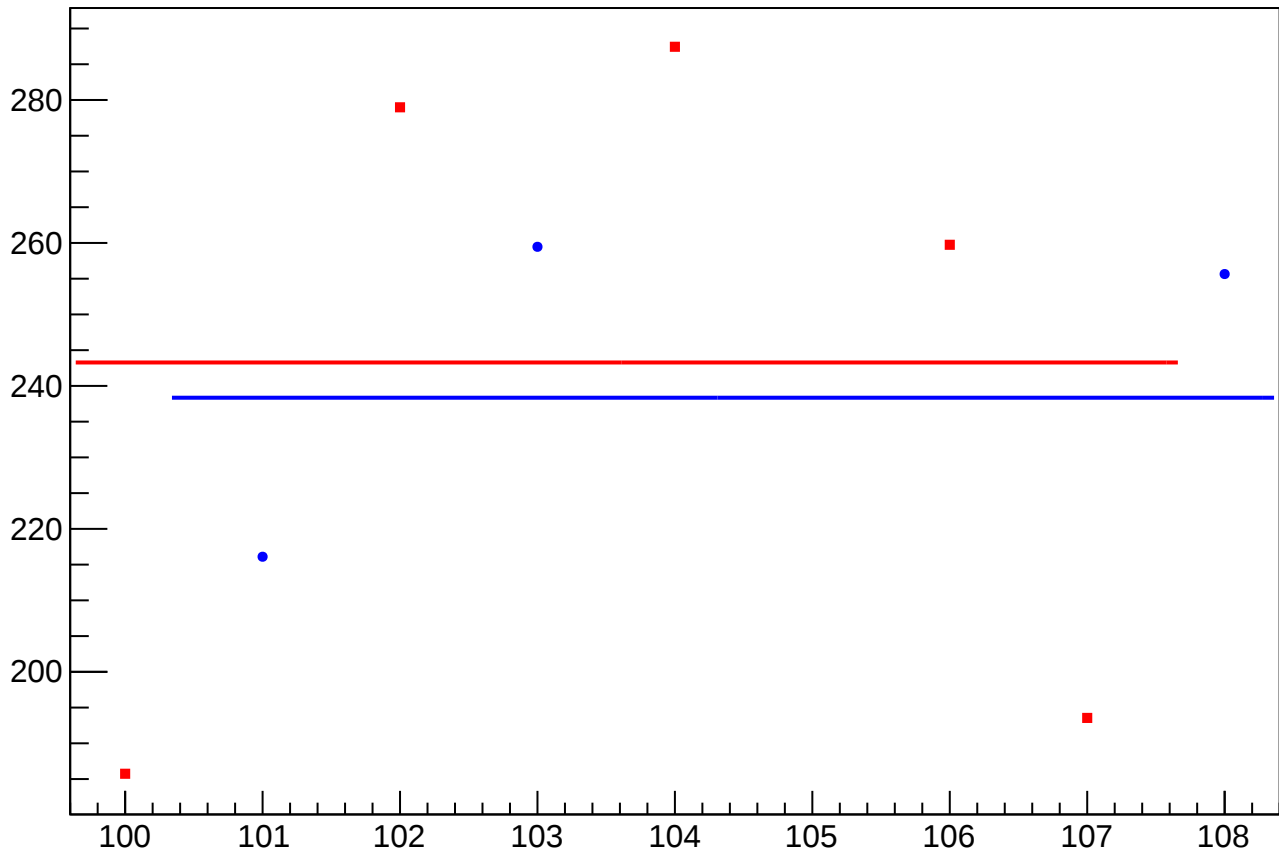
Right: 26.109+/-136.720 χ^2/NDF : 1.2/7

In: -29.119+/-196.019 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.109+/-136.720 χ^2/NDF : 1.2/7

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 238.348+/-0.139 χ^2/NDF : 22770.2/2

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

Right Out: 243.278+/-0.135 χ^2/NDF : 98802.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

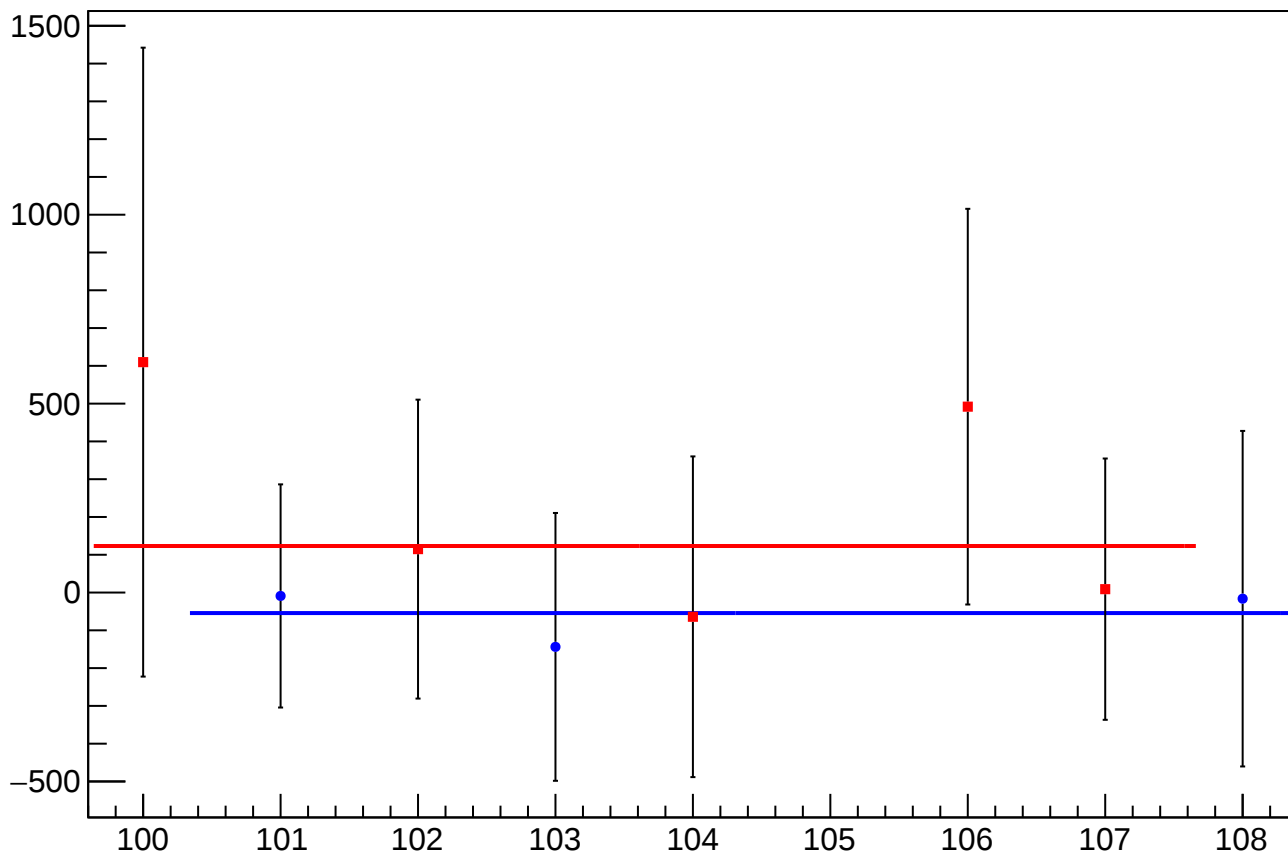
Right: 240.880+/-0.097 χ^2/NDF : 122221.8/7

In: 238.348+/-0.139 χ^2/NDF : 22770.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 240.880+/-0.097 χ^2/NDF : 122221.8/7

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: -54.308 $\pm$ 202.035 χ^2 /NDF: 0.1/2

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

Right Out: 123.169 $\pm$ 198.430 χ^2 /NDF: 1.1/4

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

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

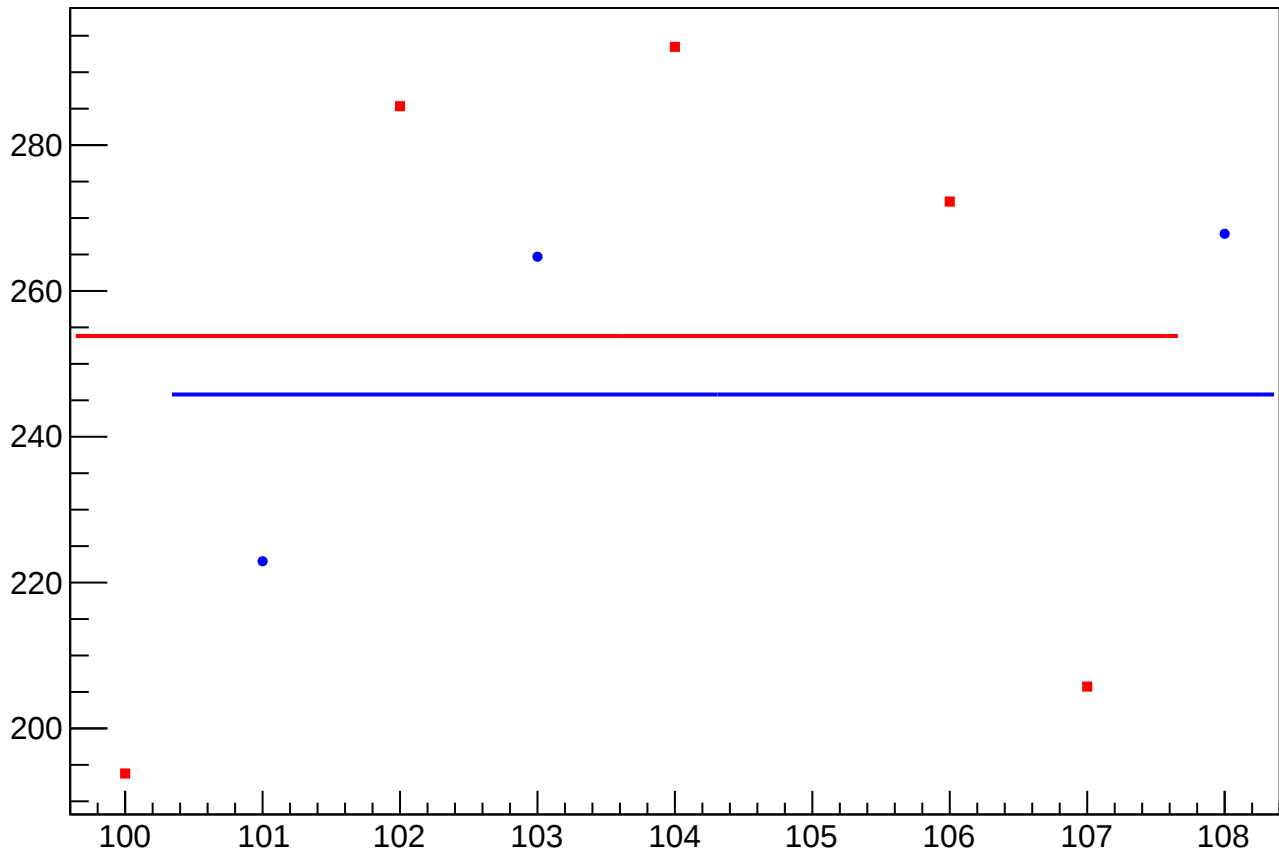
Right: 36.028 $\pm$ 141.568 χ^2 /NDF: 1.6/7

In: -54.308 $\pm$ 202.035 χ^2 /NDF: 0.1/2

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

All: 36.028 $\pm$ 141.568 χ^2 /NDF: 1.6/7

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 245.797 $\pm$ 0.143 χ^2 /NDF: 22609.0/2

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

Right Out: 253.823 $\pm$ 0.140 χ^2 /NDF: 81714.3/4

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

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

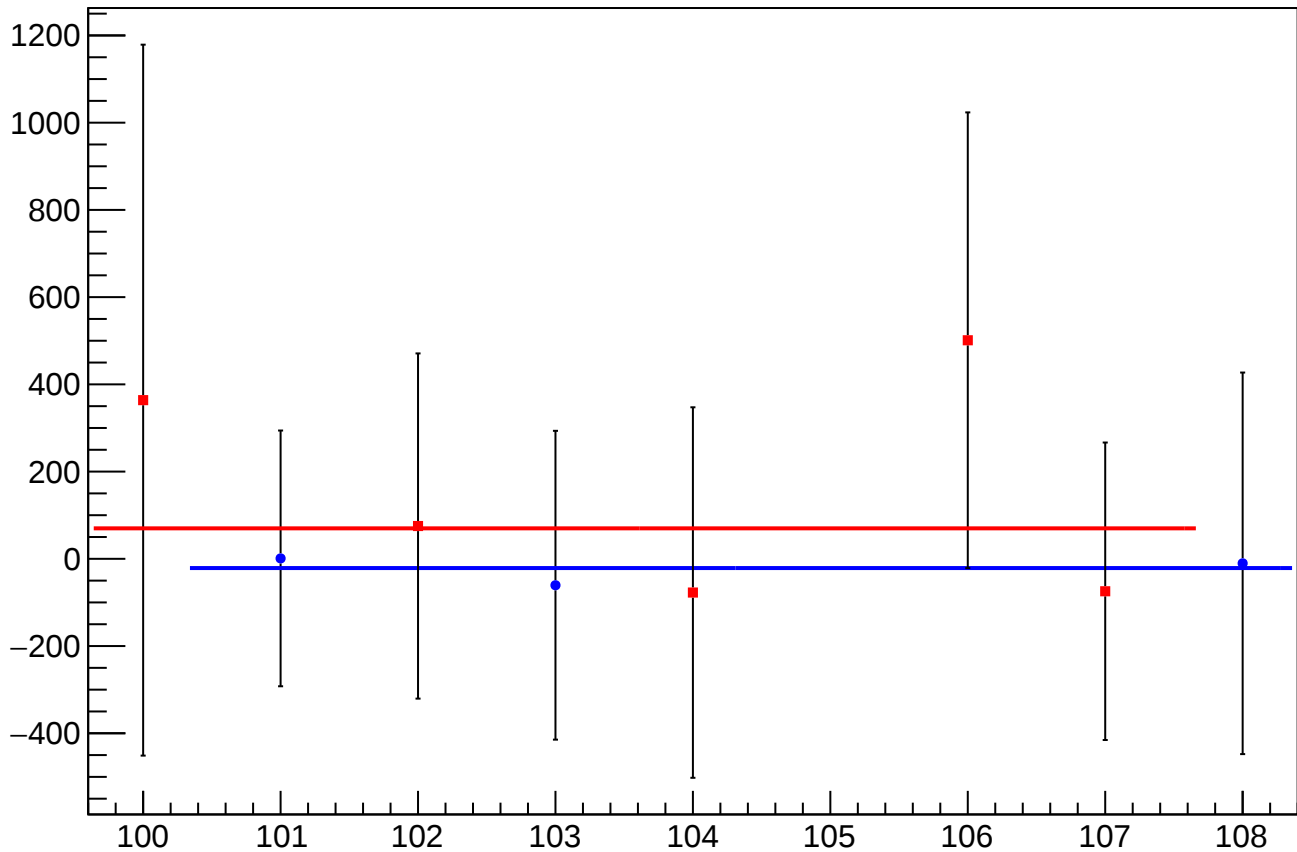
Right: 249.882 $\pm$ 0.100 χ^2 /NDF: 105929.9/7

In: 245.797 $\pm$ 0.143 χ^2 /NDF:22609.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 249.882 $\pm$ 0.100 χ^2 /NDF: 105929.9/7

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: -21.188 ± 200.653 $\chi^2/\text{NDF}: 0.0/2$

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

Right Out: 69.858 ± 197.278 $\chi^2/\text{NDF}: 1.1/4$

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

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

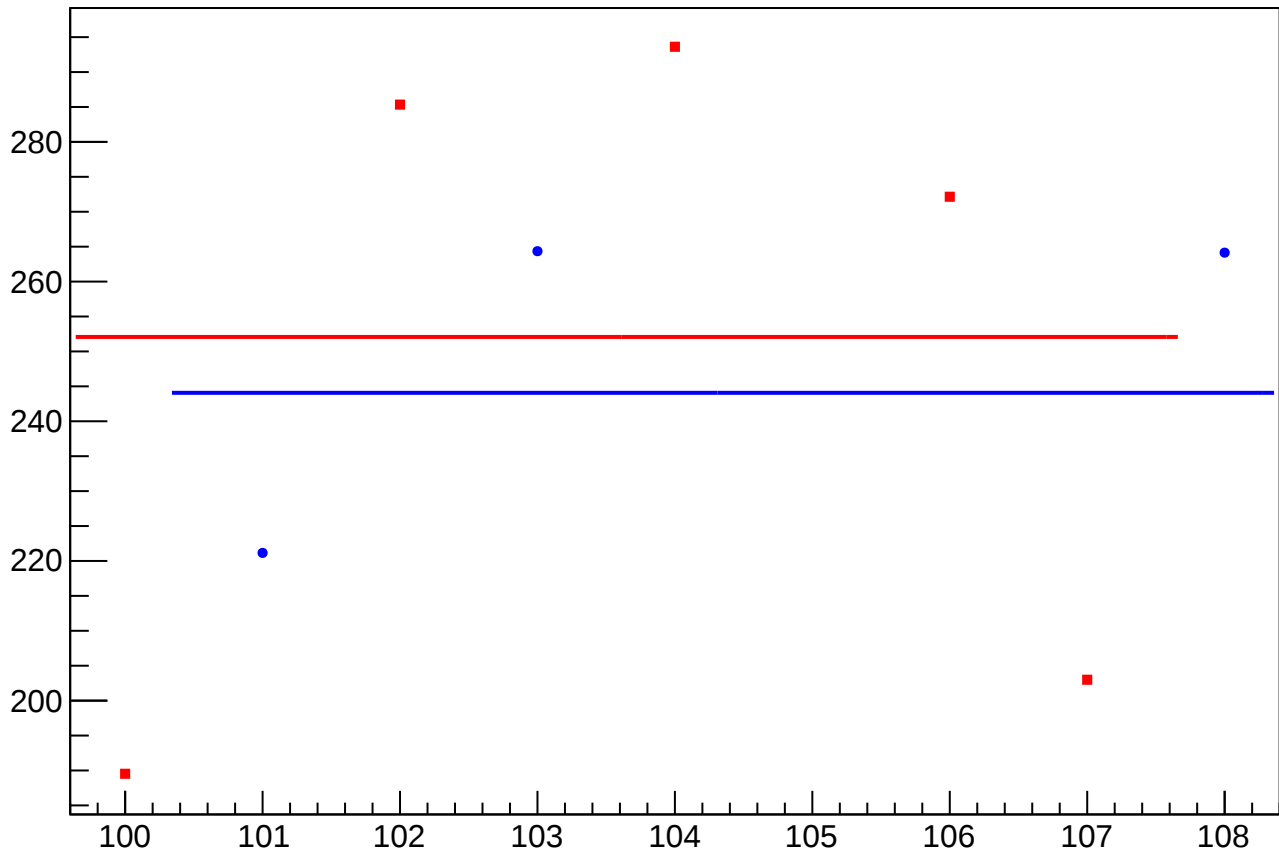
Right: 25.107 ± 140.675 $\chi^2/\text{NDF}: 1.2/7$

In: -21.188 ± 200.653 $\chi^2/\text{NDF}: 0.0/2$

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

All: 25.107 ± 140.675 $\chi^2/\text{NDF}: 1.2/7$

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 244.076+/-0.142 χ^2/NDF : 22995.3/2

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

Right Out: 252.076+/-0.139 χ^2/NDF : 89421.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

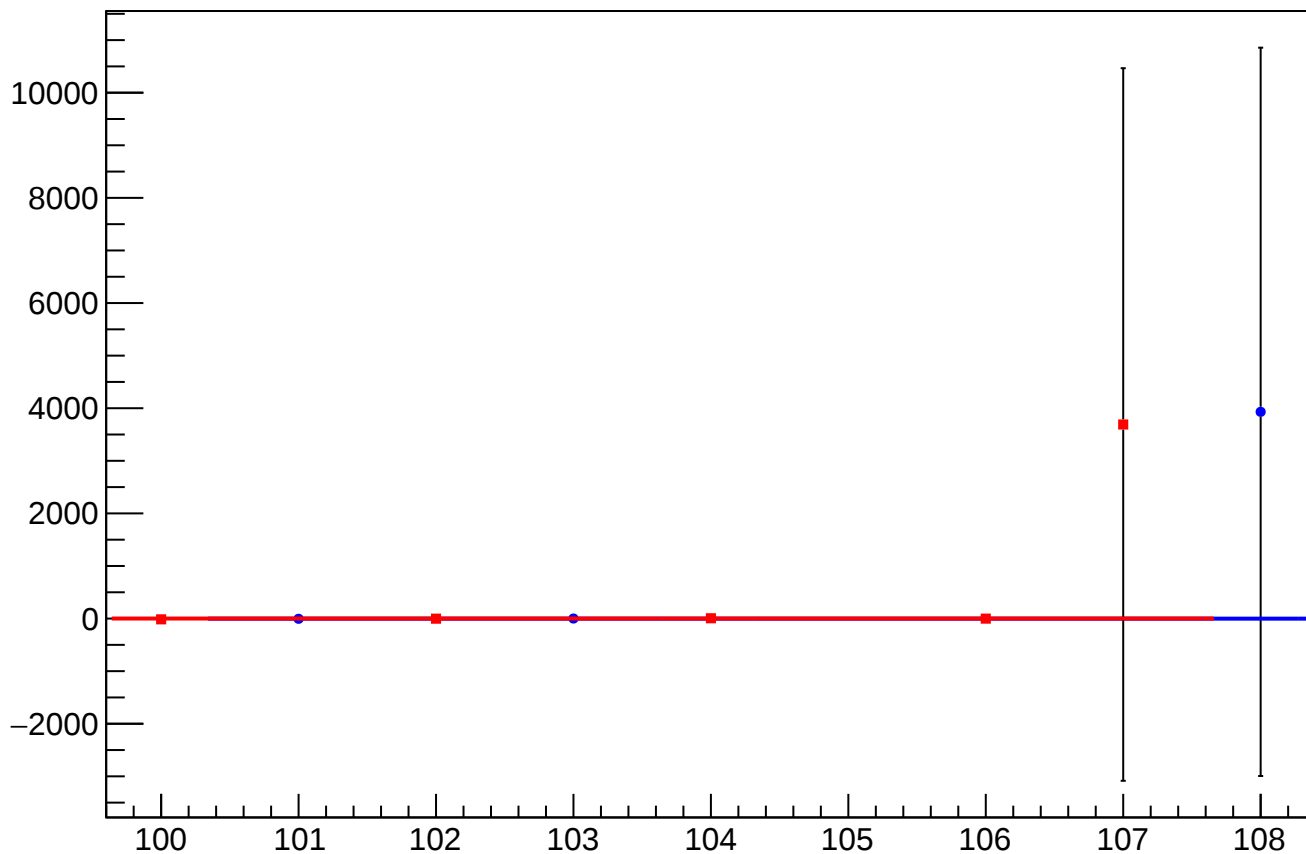
Right: 248.144+/-0.099 χ^2/NDF : 114033.2/7

In: 244.076+/-0.142 χ^2/NDF : 22995.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 248.144+/-0.099 χ^2/NDF : 114033.2/7

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.520+/-2.252 χ^2/NDF : 1.6/2

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

Right Out: 0.712+/-2.111 χ^2/NDF : 6.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

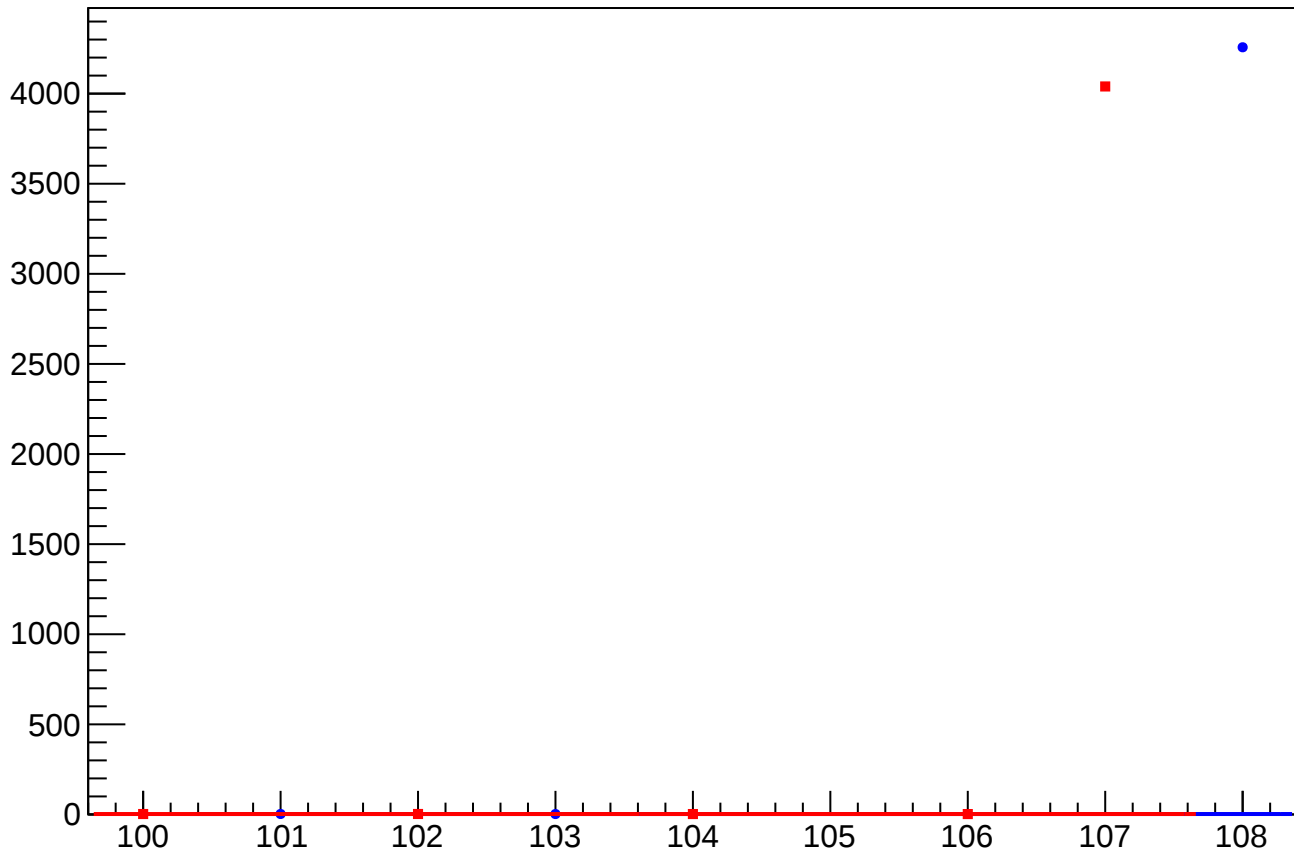
Right: -0.332+/-1.540 χ^2/NDF : 8.4/7

In: -1.520+/-2.252 χ^2/NDF : 1.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.332+/-1.540 χ^2/NDF : 8.4/7

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.411+/-0.002 χ^2/NDF : 768090.3/2

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

Right Out: 2.396+/-0.001 χ^2/NDF : 721918.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

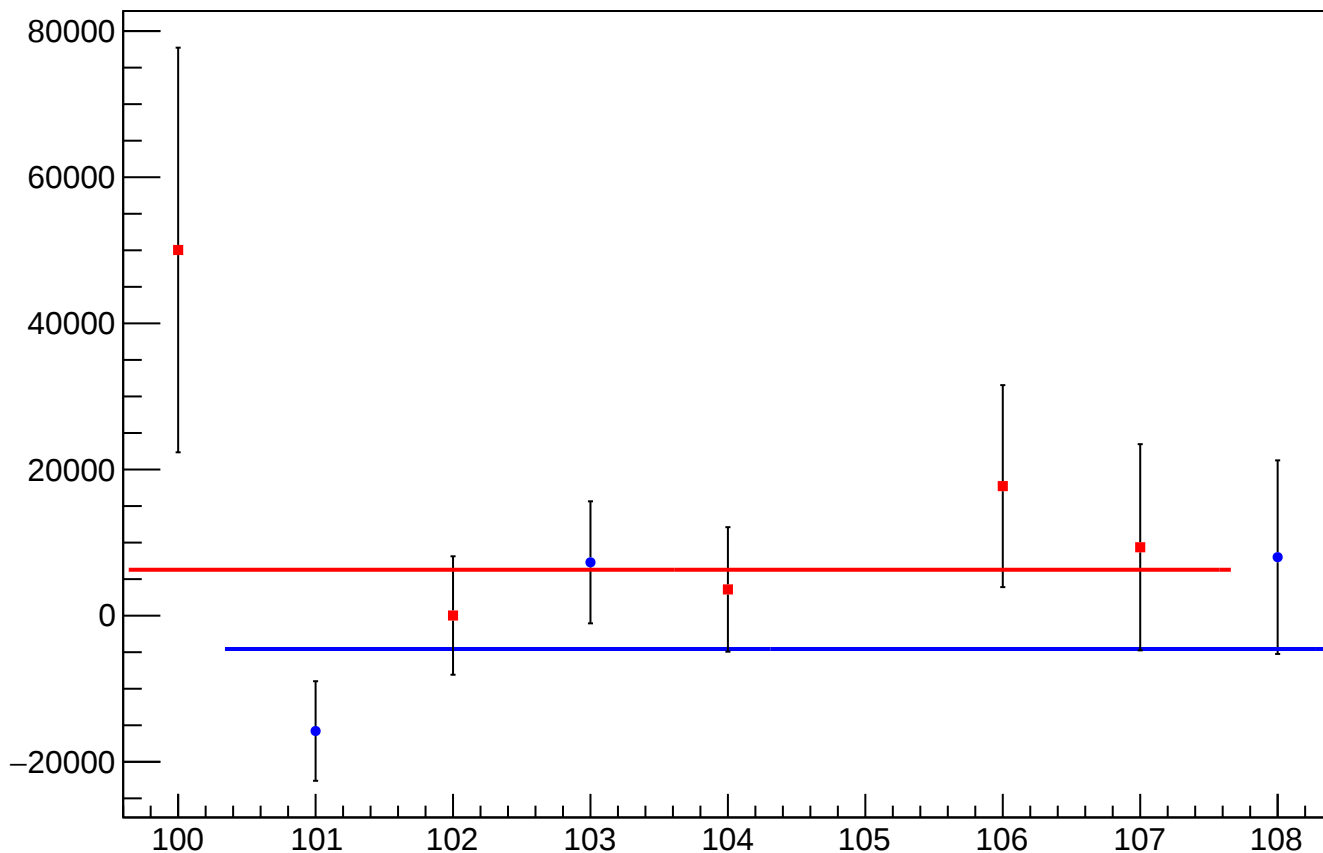
Right: 2.403+/-0.001 χ^2/NDF : 1490054.7/7

In: 2.411+/-0.002 χ^2/NDF : 768090.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.403+/-0.001 χ^2/NDF : 1490054.7/7

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: -4561.465+/-4904.055 χ^2/NDF : 5.6/2

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

Right Out: 6284.059+/-4964.971 χ^2/NDF : 3.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

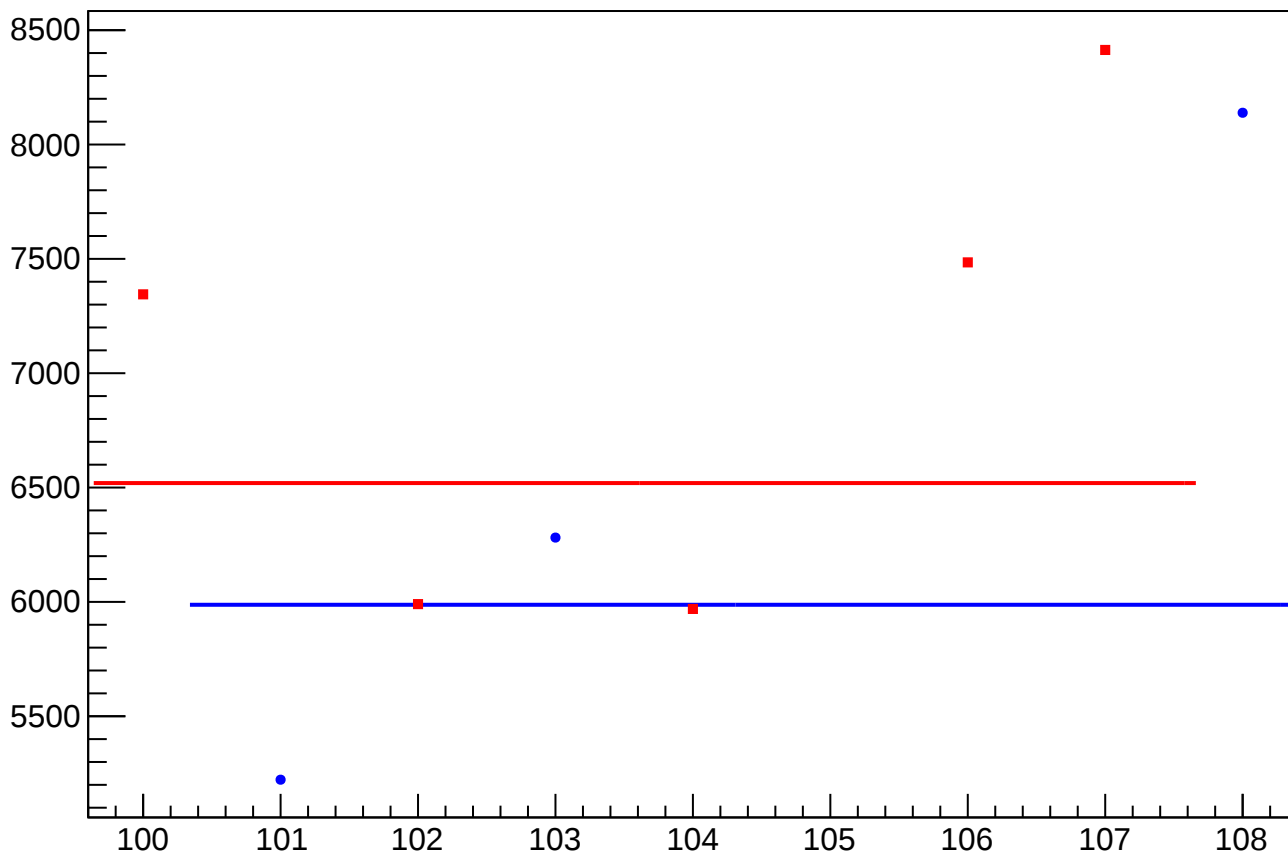
Right: 794.357+/-3489.028 χ^2/NDF : 12.0/7

In: -4561.465+/-4904.055 χ^2/NDF : 5.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 794.357+/-3489.028 χ^2/NDF : 12.0/7

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 5987.406 $\pm$ 3.468 χ^2 /NDF: 80446.8/2

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

Right Out: 6519.622 $\pm$ 3.511 χ^2 /NDF: 64442.1/4

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

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

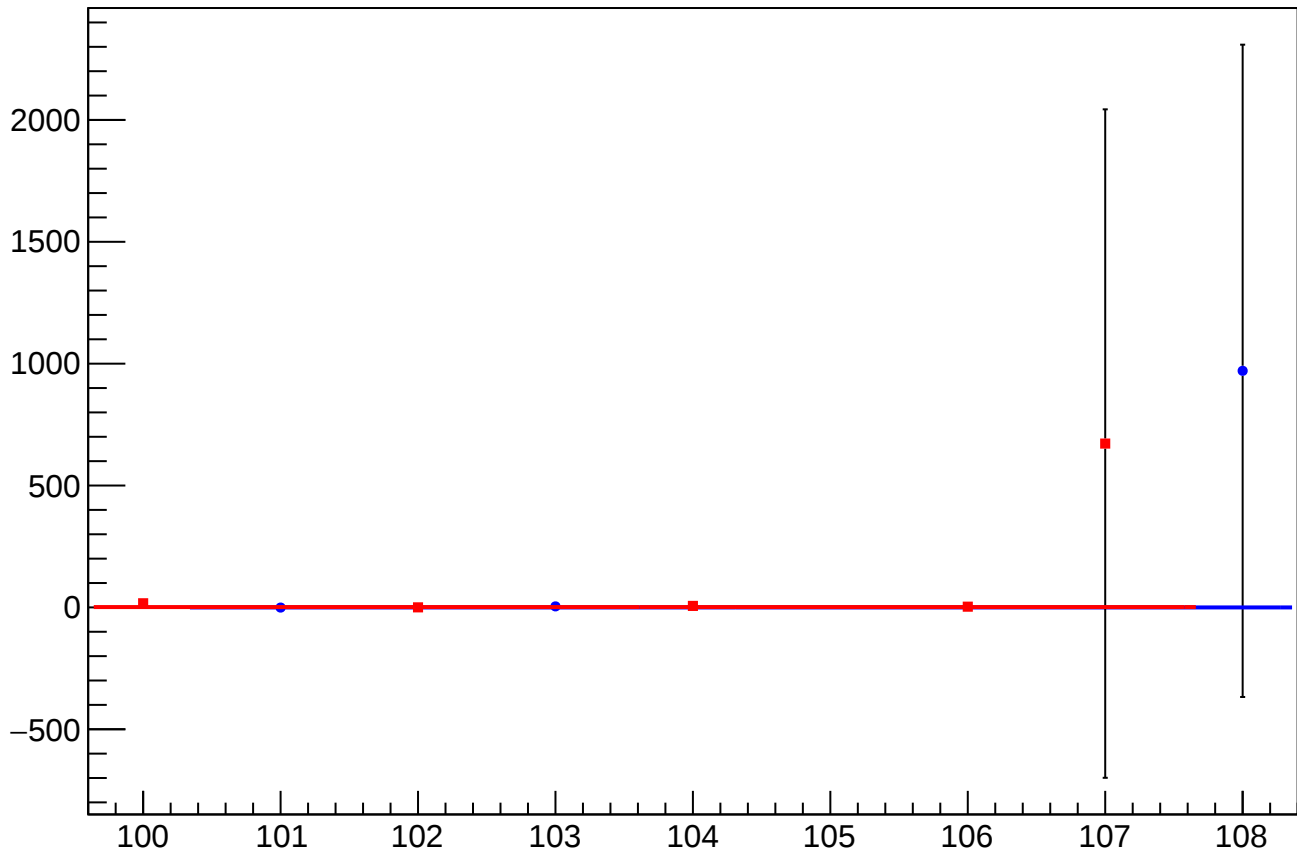
Right: 6250.229 $\pm$ 2.467 χ^2 /NDF: 156521.4/7

In: 5987.406 $\pm$ 3.468 χ^2 /NDF:80446.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 6250.229 $\pm$ 2.467 χ^2 /NDF: 156521.4/7

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.158+/-1.737 χ^2/NDF : 1.4/2

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

Right Out: 1.335+/-1.623 χ^2/NDF : 3.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

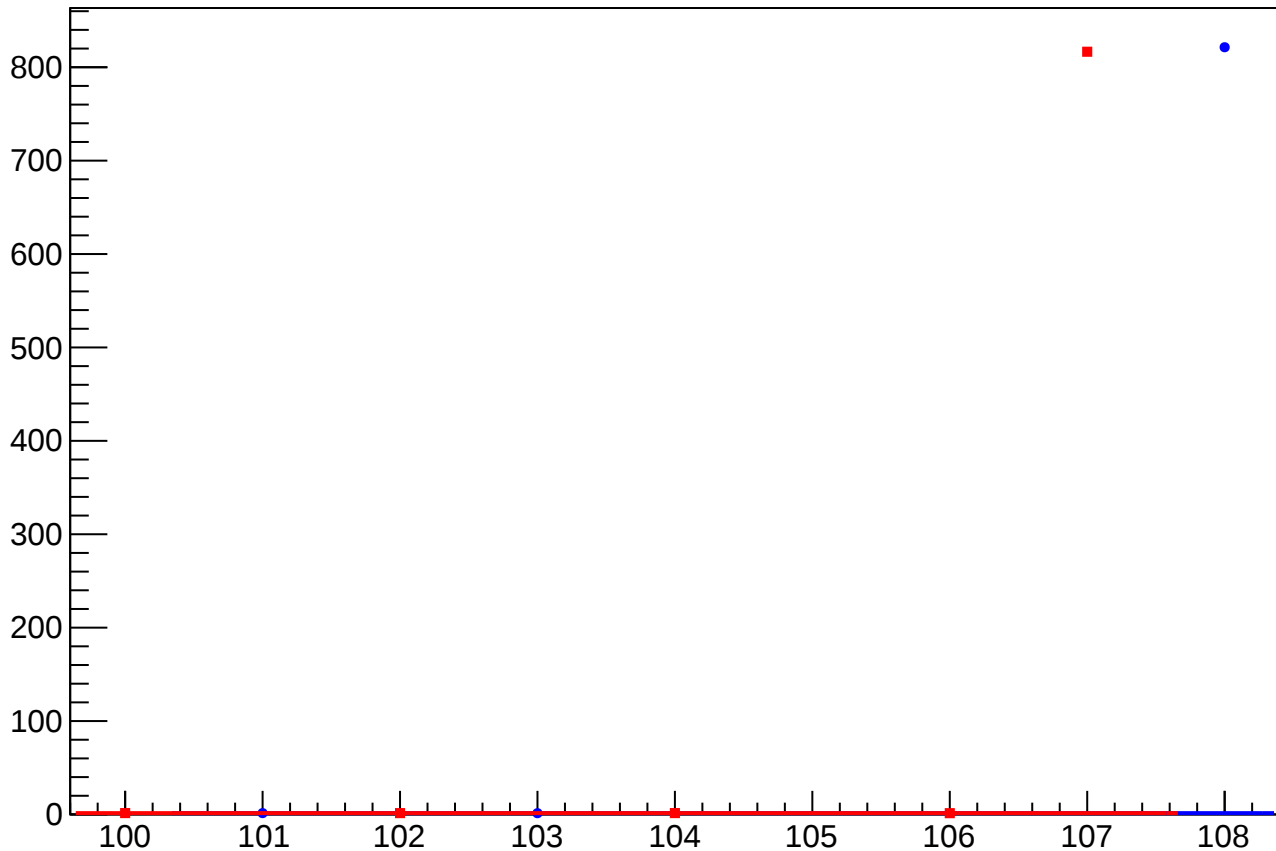
Right: 0.639+/-1.186 χ^2/NDF : 4.7/7

In: -0.158+/-1.737 χ^2/NDF : 1.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.639+/-1.186 χ^2/NDF : 4.7/7

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.413+/-0.001 χ^2/NDF : 751385.3/2

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

Right Out: 1.415+/-0.001 χ^2/NDF : 707333.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

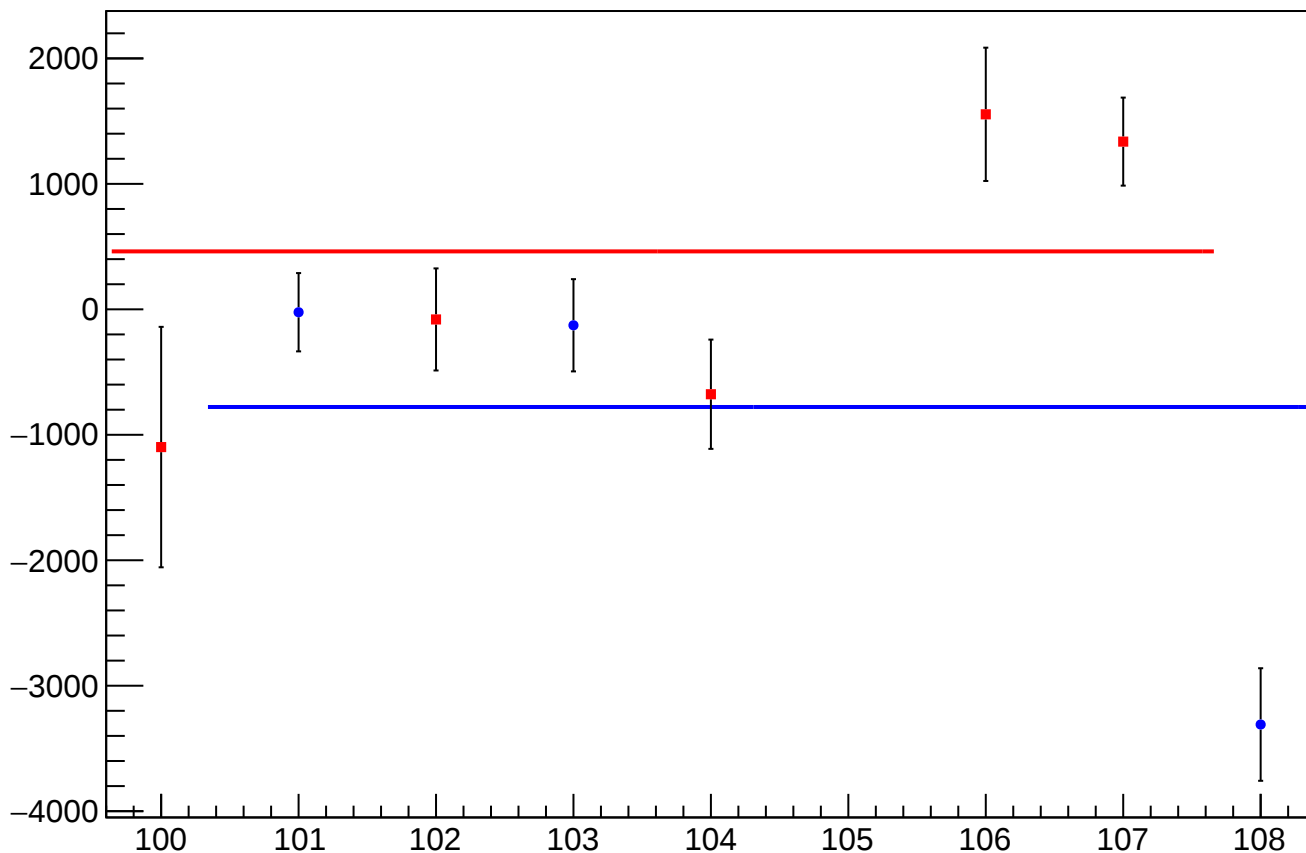
Right: 1.414+/-0.001 χ^2/NDF : 1458722.3/7

In: 1.413+/-0.001 χ^2/NDF : 751385.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.414+/-0.001 χ^2/NDF : 1458722.3/7

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: -778.379+/-210.173 χ^2/NDF : 40.8/2

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

Right Out: 461.829+/-203.816 χ^2/NDF : 21.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

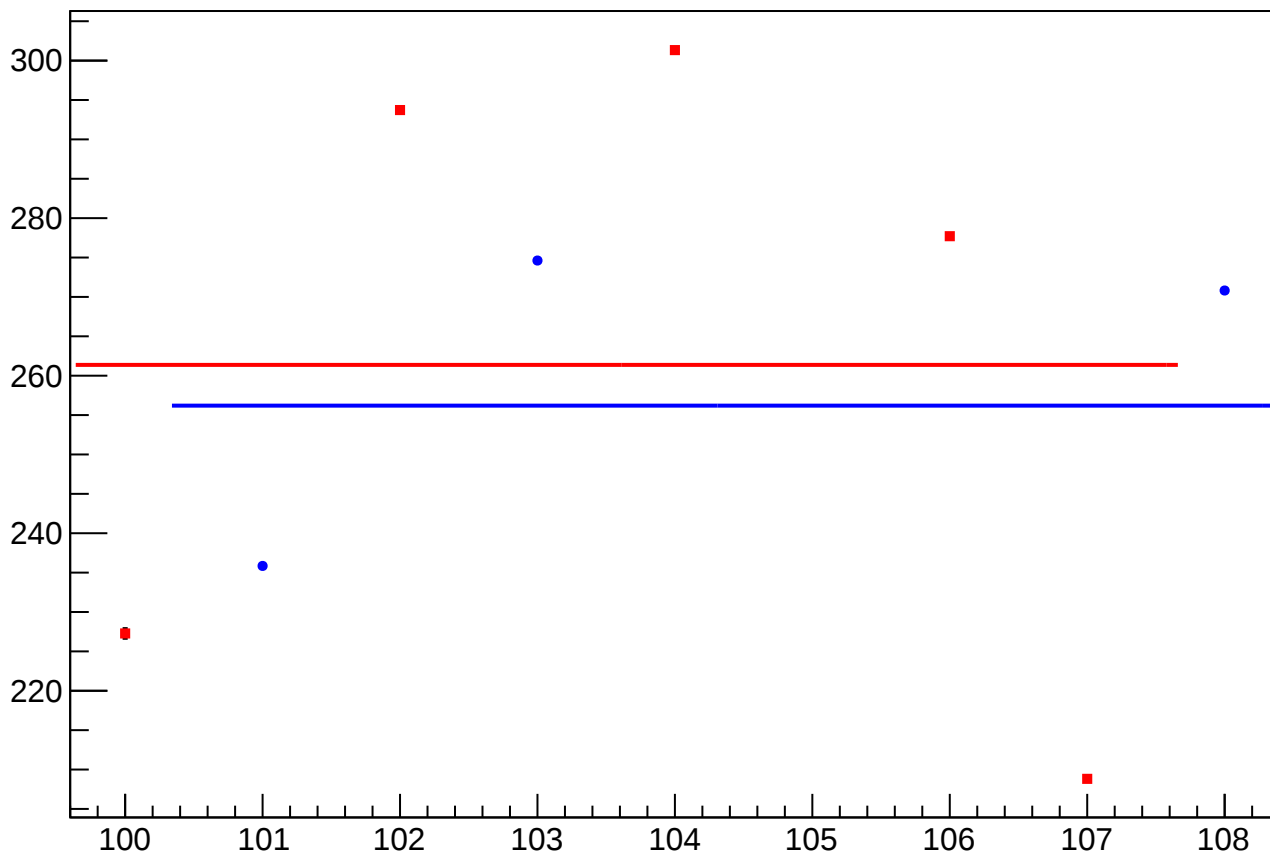
Right: -139.235+/-146.315 χ^2/NDF : 80.5/7

In: -778.379+/-210.173 χ^2/NDF : 40.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -139.235+/-146.315 χ^2/NDF : 80.5/7

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 256.199+/-0.149 χ^2/NDF : 15650.2/2

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

Right Out: 261.371+/-0.144 χ^2/NDF : 78793.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

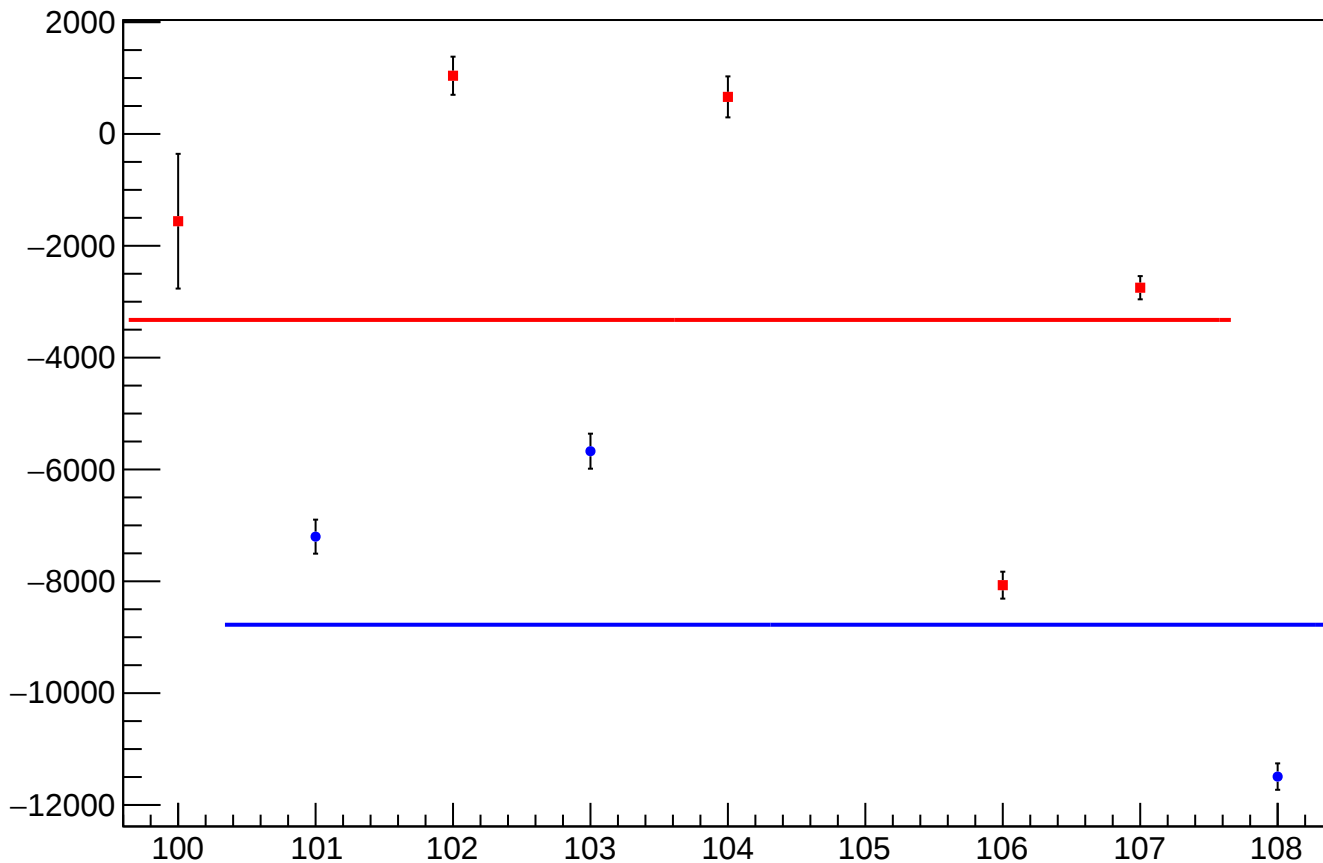
Right: 258.864+/-0.103 χ^2/NDF : 95067.8/7

In: 256.199+/-0.149 χ^2/NDF : 15650.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 258.864+/-0.103 χ^2/NDF : 95067.8/7

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -8776.695+/-160.287 χ^2/NDF : 257.2/2

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

Right Out: -3325.654+/-132.246 χ^2/NDF : 680.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

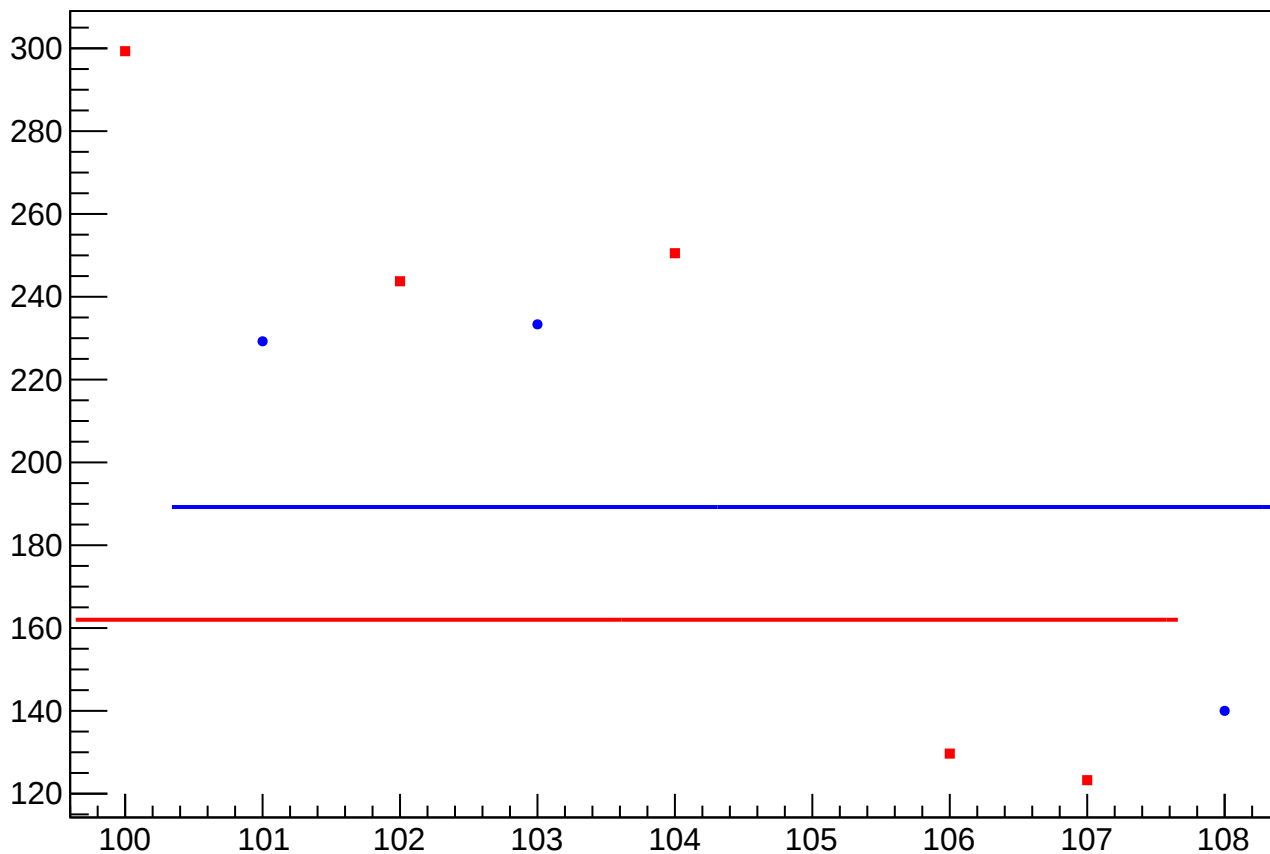
Right: -5533.423+/-102.008 χ^2/NDF : 1625.7/7

In: -8776.695+/-160.287 χ^2/NDF : 257.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5533.423+/-102.008 χ^2/NDF : 1625.7/7

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 189.231+/-0.113 χ^2/NDF : 161154.0/2

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

Right Out: 162.007+/-0.094 χ^2/NDF : 363237.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

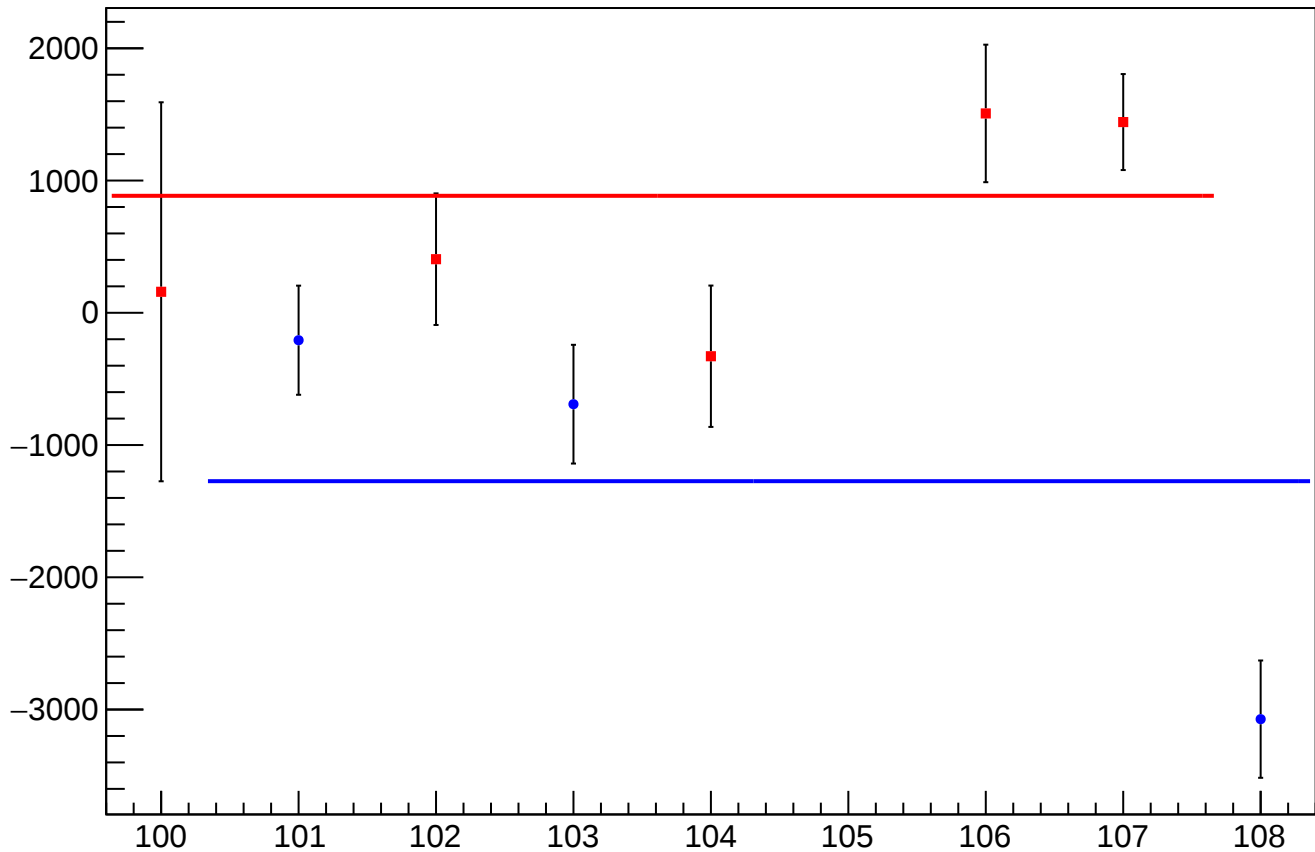
Right: 173.033+/-0.072 χ^2/NDF : 558719.2/7

In: 189.231+/-0.113 χ^2/NDF : 161154.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.033+/-0.072 χ^2/NDF : 558719.2/7

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -1273.228+/-250.625 χ^2/NDF : 24.8/2

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

Right Out: 884.614+/-227.510 χ^2/NDF : 10.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

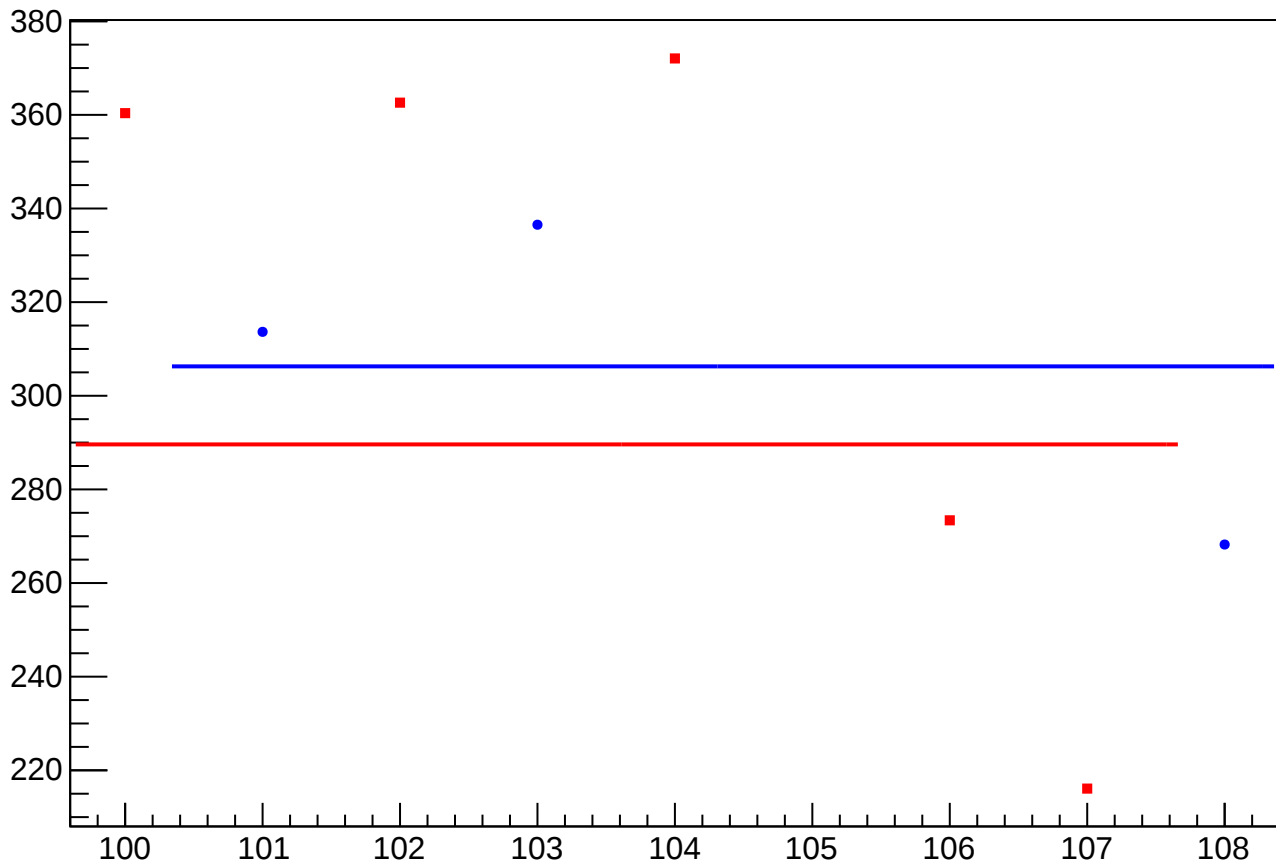
Right: -90.232+/-168.454 χ^2/NDF : 75.6/7

In: -1273.228+/-250.625 χ^2/NDF : 24.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -90.232+/-168.454 χ^2/NDF : 75.6/7

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 306.278 $\pm$ 0.177 χ^2 /NDF: 24449.0/2

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

Right Out: 289.612 $\pm$ 0.161 χ^2 /NDF: 179546.6/4

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

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

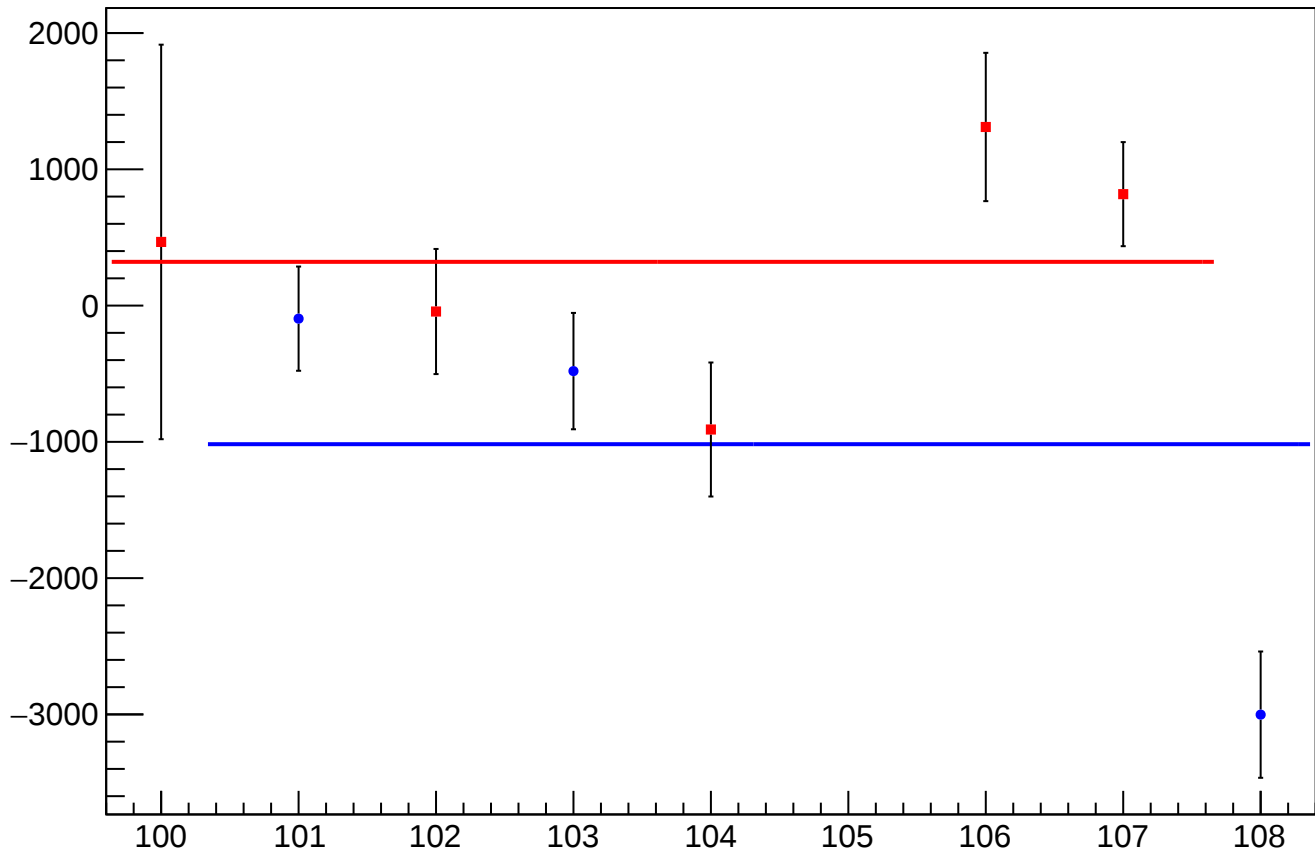
Right: 297.141 $\pm$ 0.119 χ^2 /NDF: 208844.0/7

In: 306.278 $\pm$ 0.177 χ^2 /NDF:24449.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 297.141 $\pm$ 0.119 χ^2 /NDF: 208844.0/7

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -1017.087 $\pm$ 242.677 χ^2 /NDF: 25.7/2

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

Right Out: 321.038 $\pm$ 225.929 χ^2 /NDF: 11.9/4

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

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

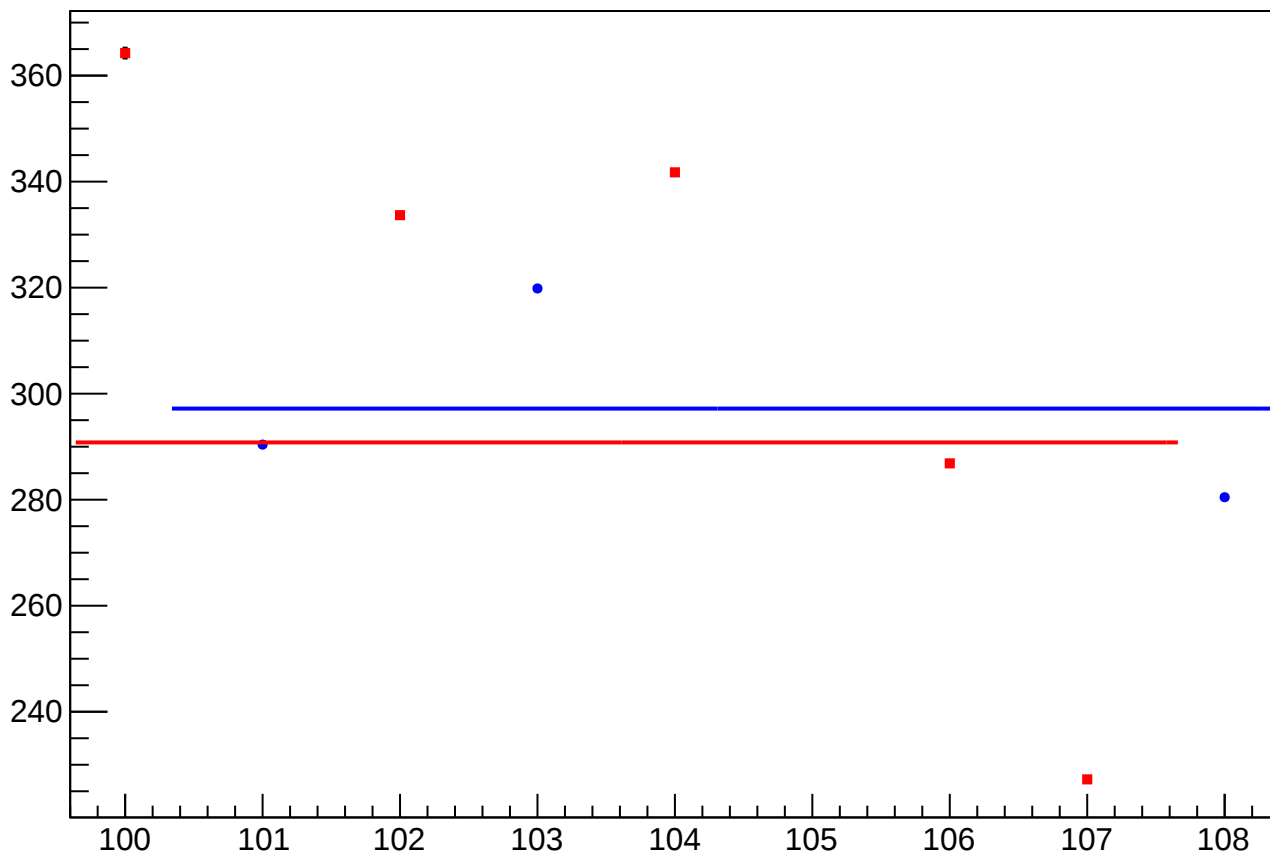
Right: -300.260 $\pm$ 165.360 χ^2 /NDF: 53.9/7

In: -1017.087 $\pm$ 242.677 χ^2 /NDF:25.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -300.260 $\pm$ 165.360 χ^2 /NDF: 53.9/7

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 297.187+/-0.172 χ^2/NDF : 8869.6/2

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

Right Out: 290.803+/-0.160 χ^2/NDF : 99563.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

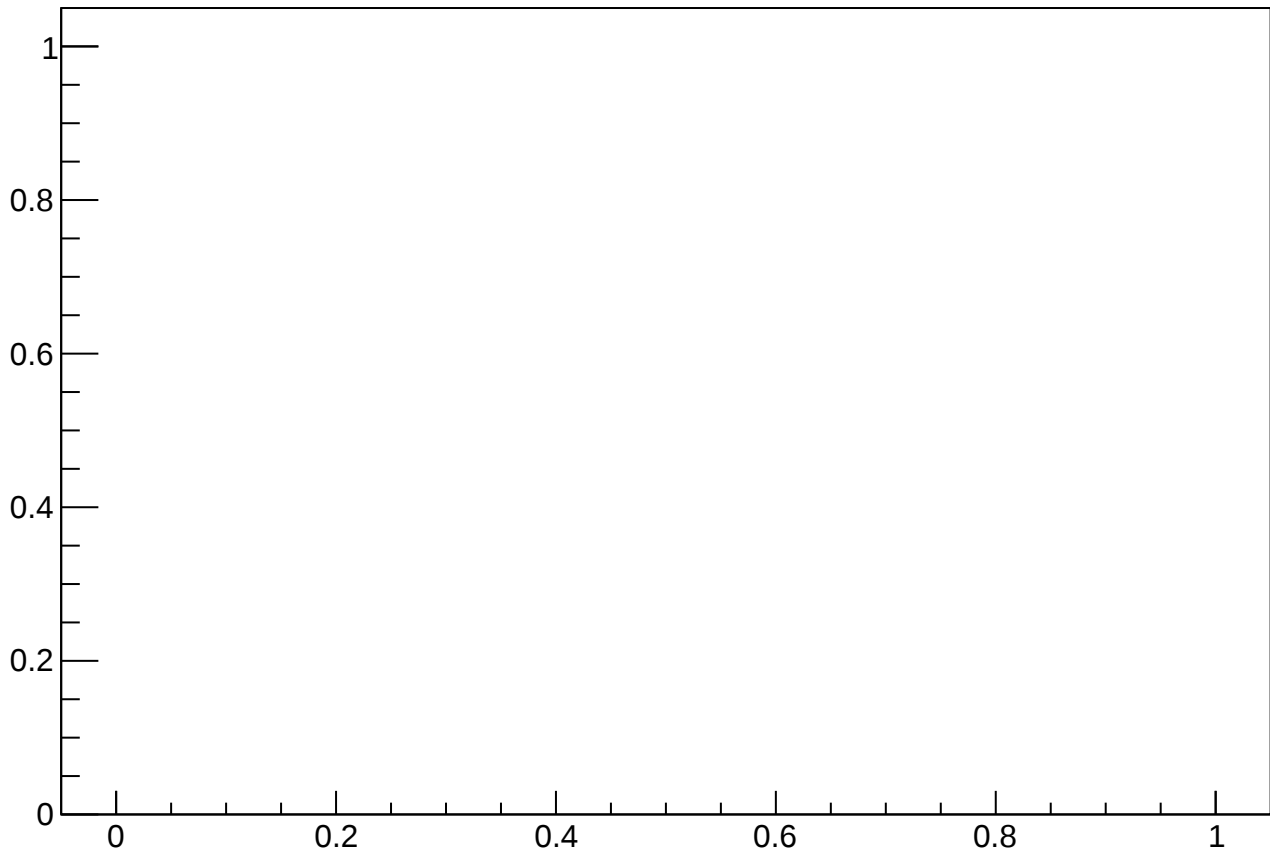
Right: 293.767+/-0.117 χ^2/NDF : 109174.5/7

In: 297.187+/-0.172 χ^2/NDF : 8869.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 293.767+/-0.117 χ^2/NDF : 109174.5/7

bcm_an_us_ds_dd_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

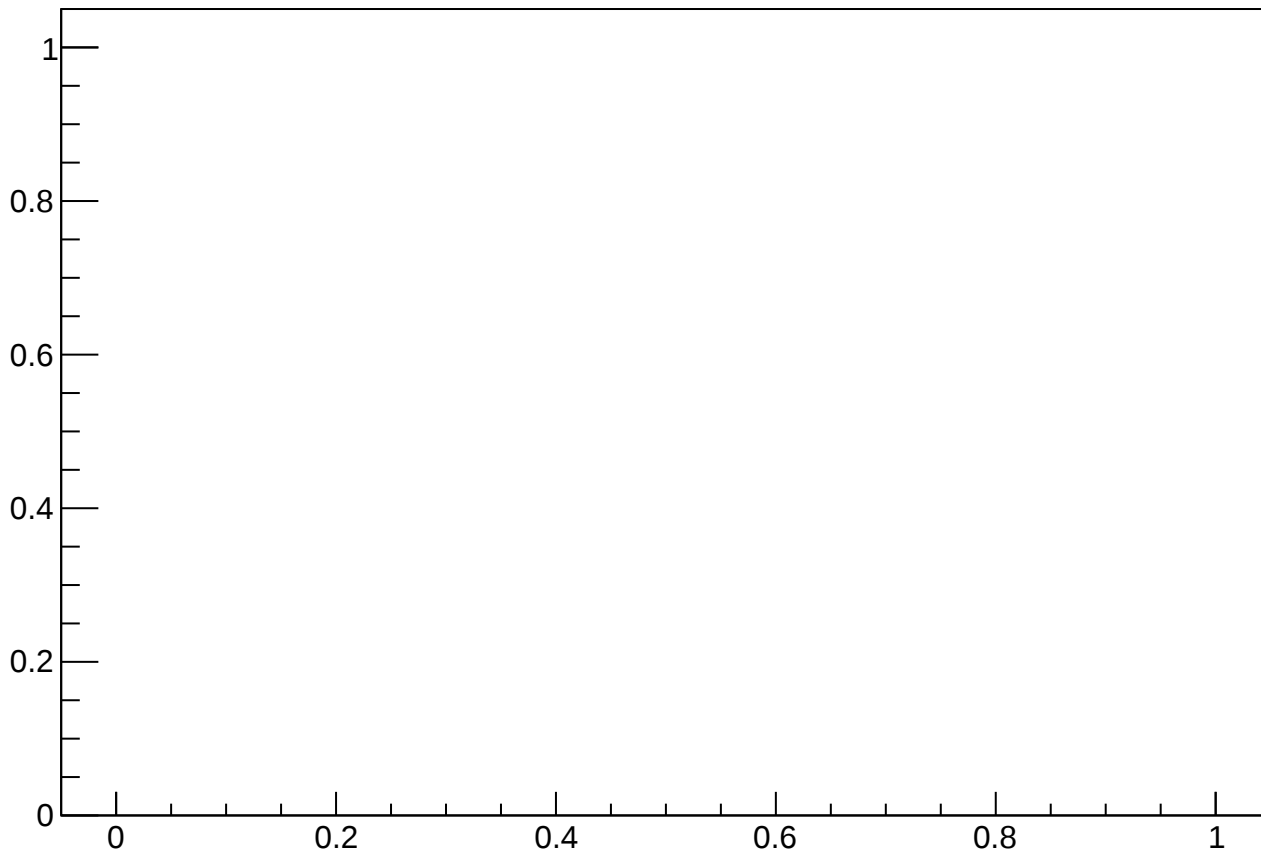
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_us_ds_dd_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_dg_ds_dd_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

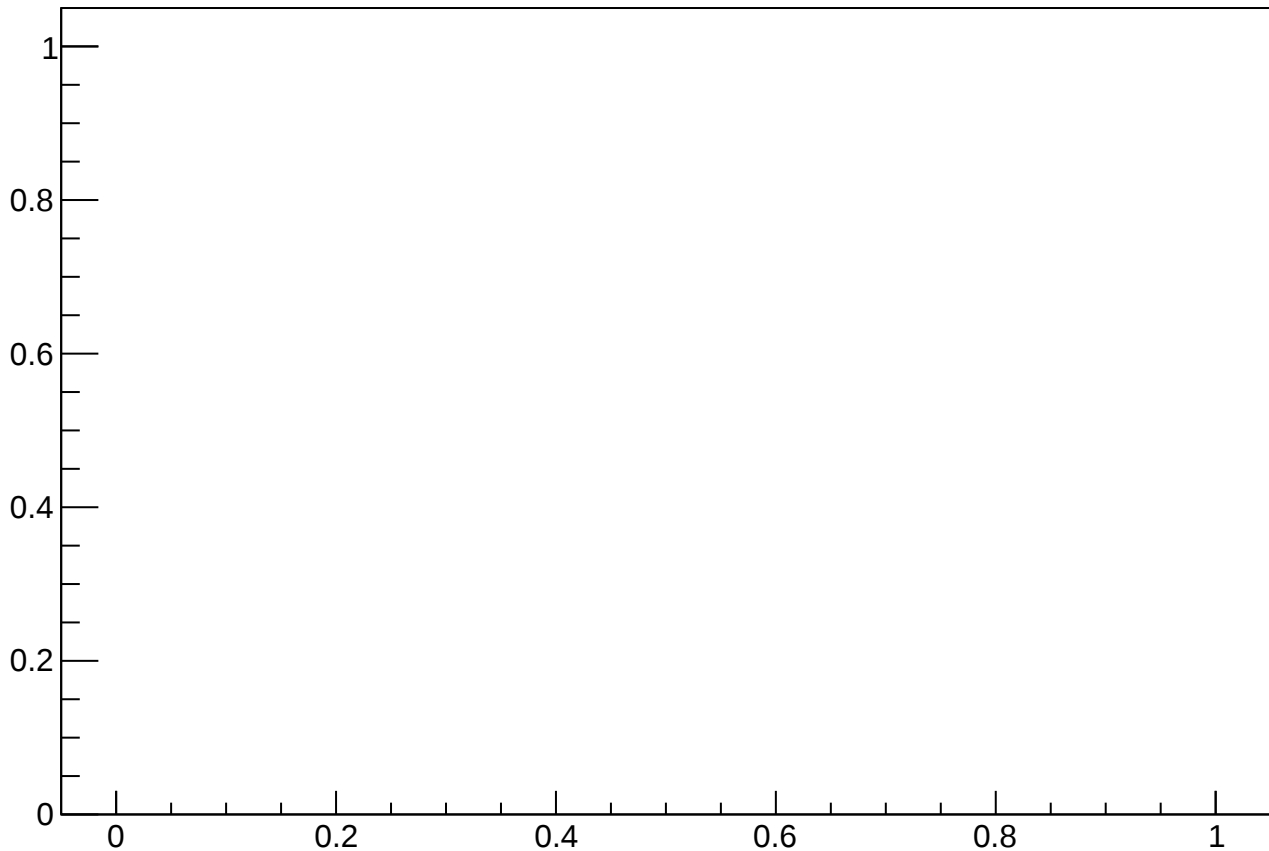
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_dg_ds_dd_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

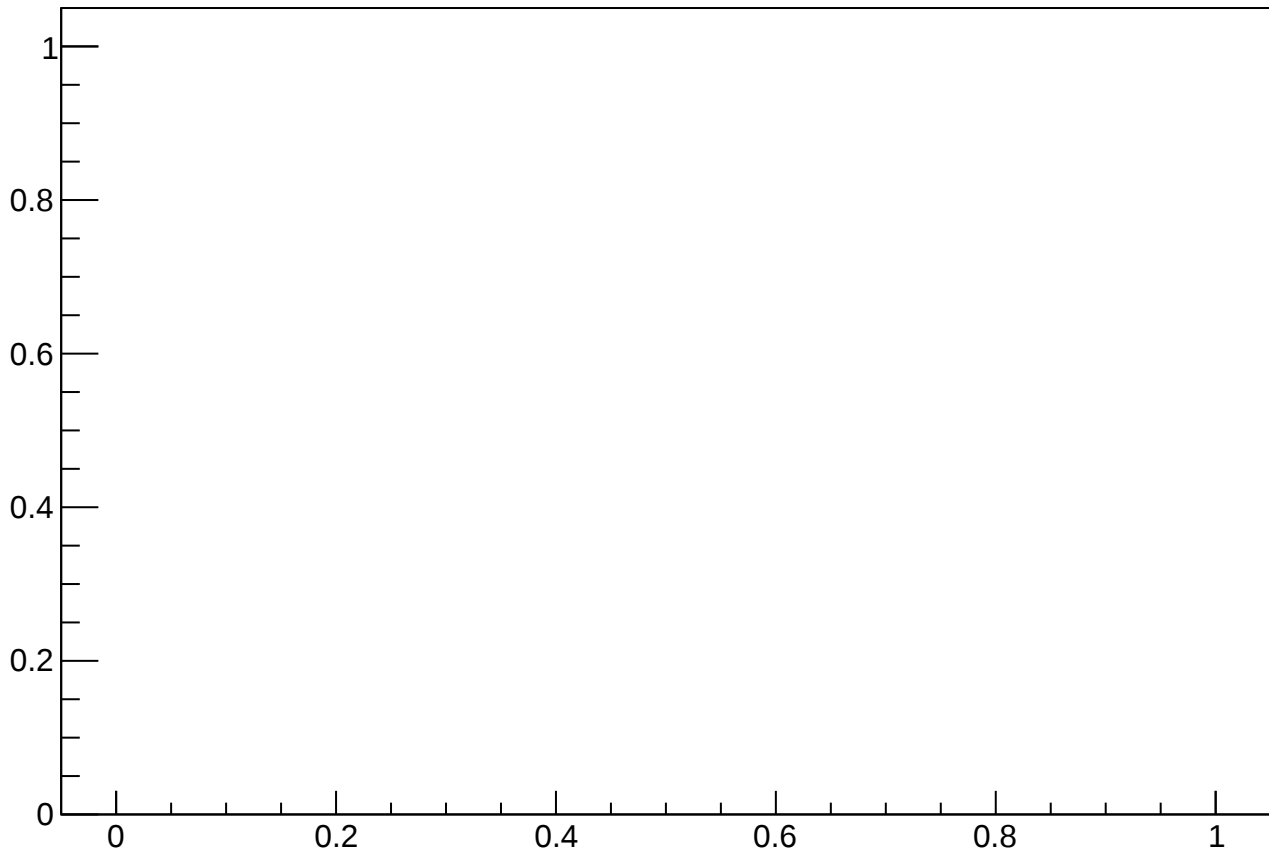
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_dd_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

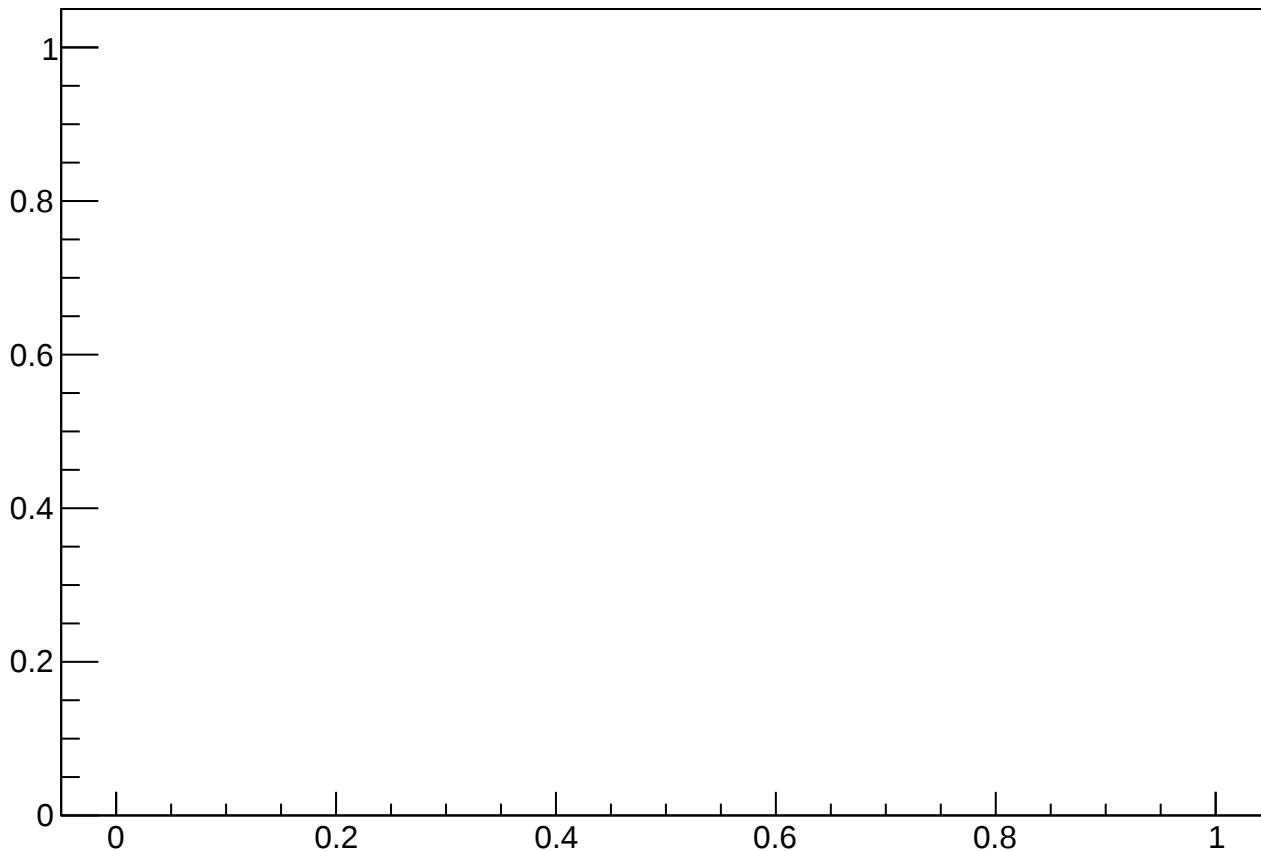
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_dd_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

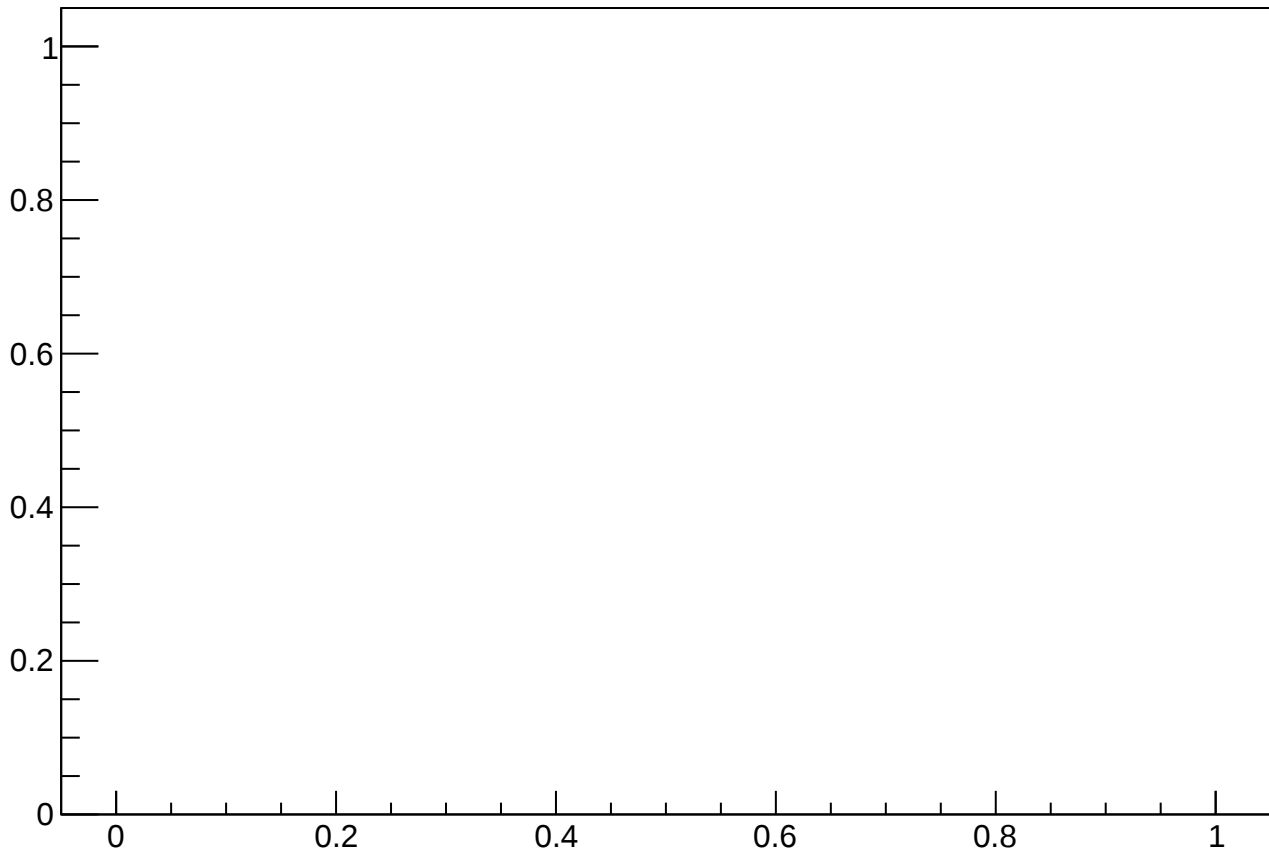
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_dd_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

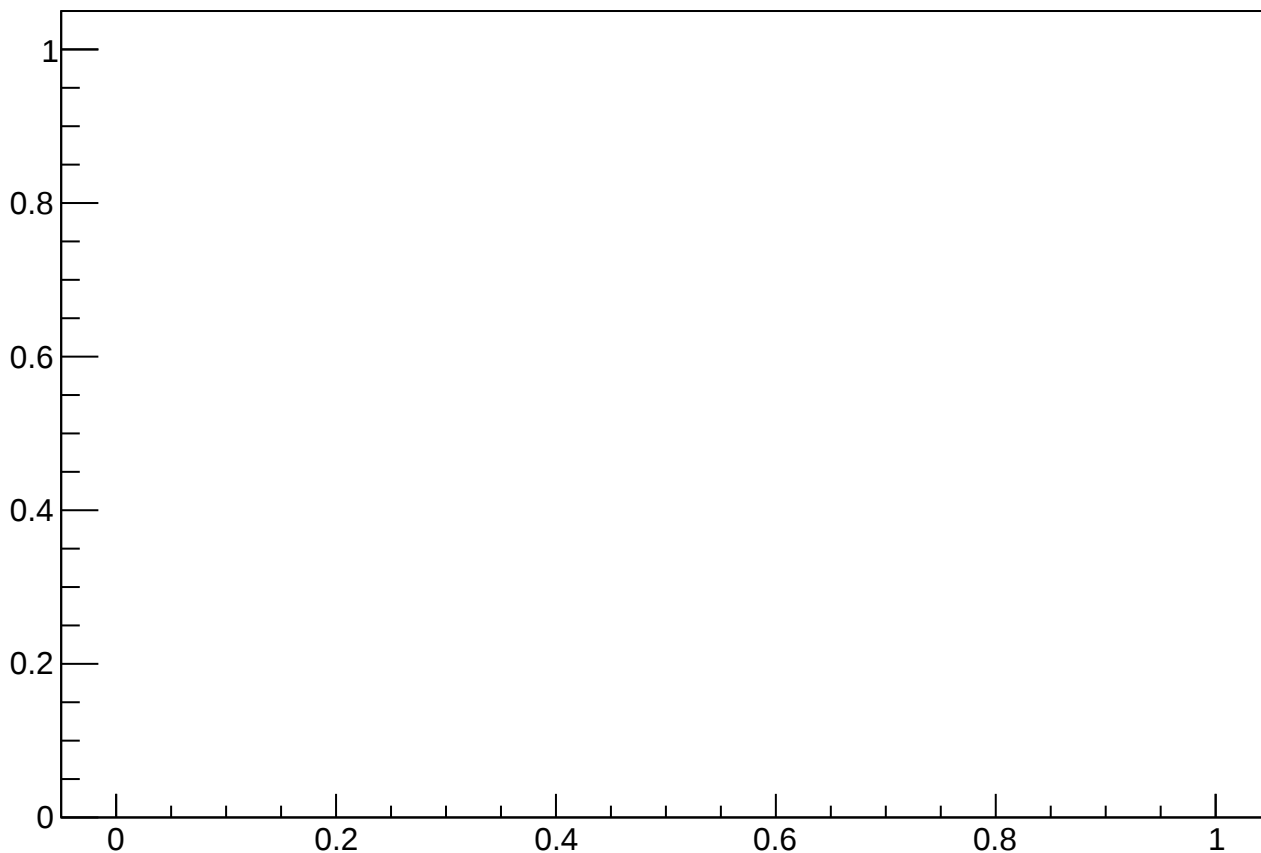
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_dd_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

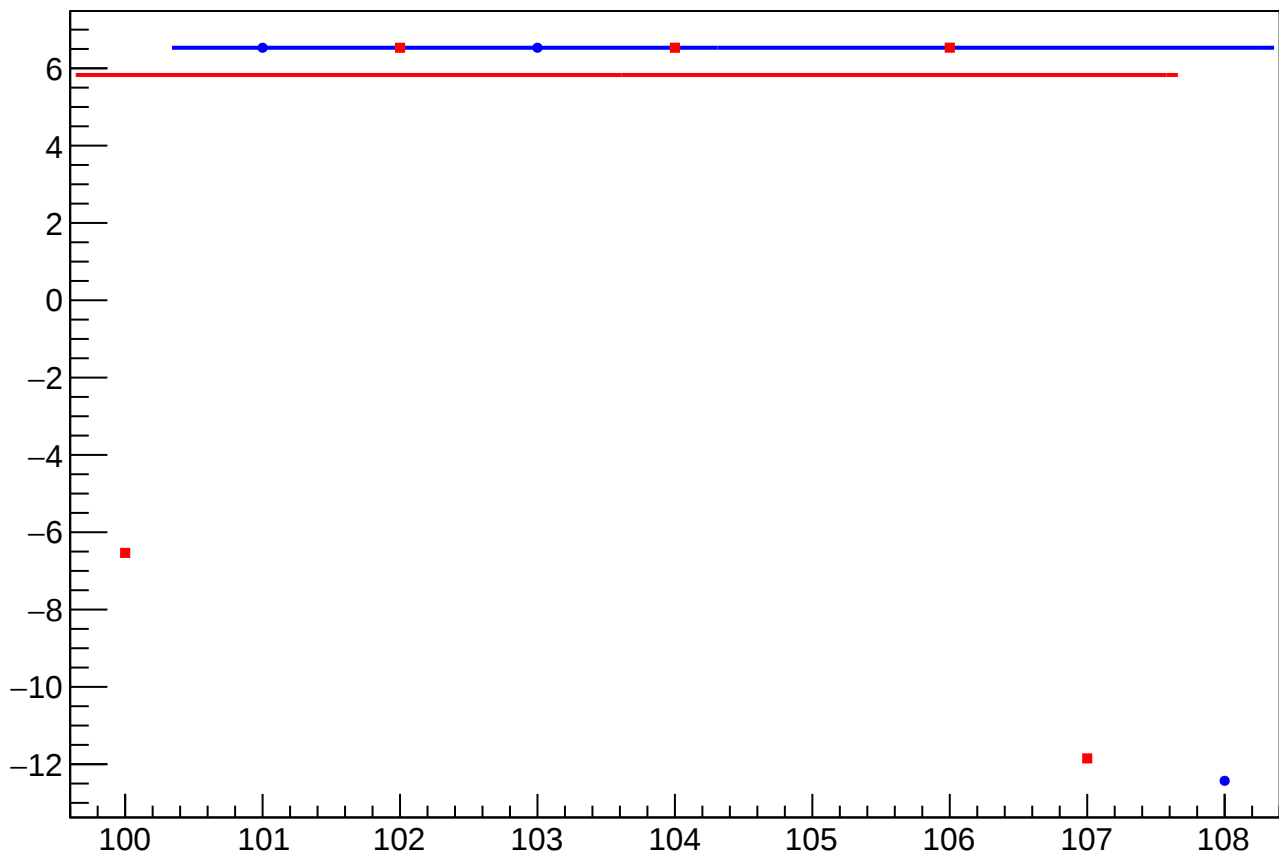
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 6.532+/-0.000 χ^2/NDF : 10640144029.2/2

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

Right Out: 5.828+/-0.000 χ^2/NDF : 755852818588311.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

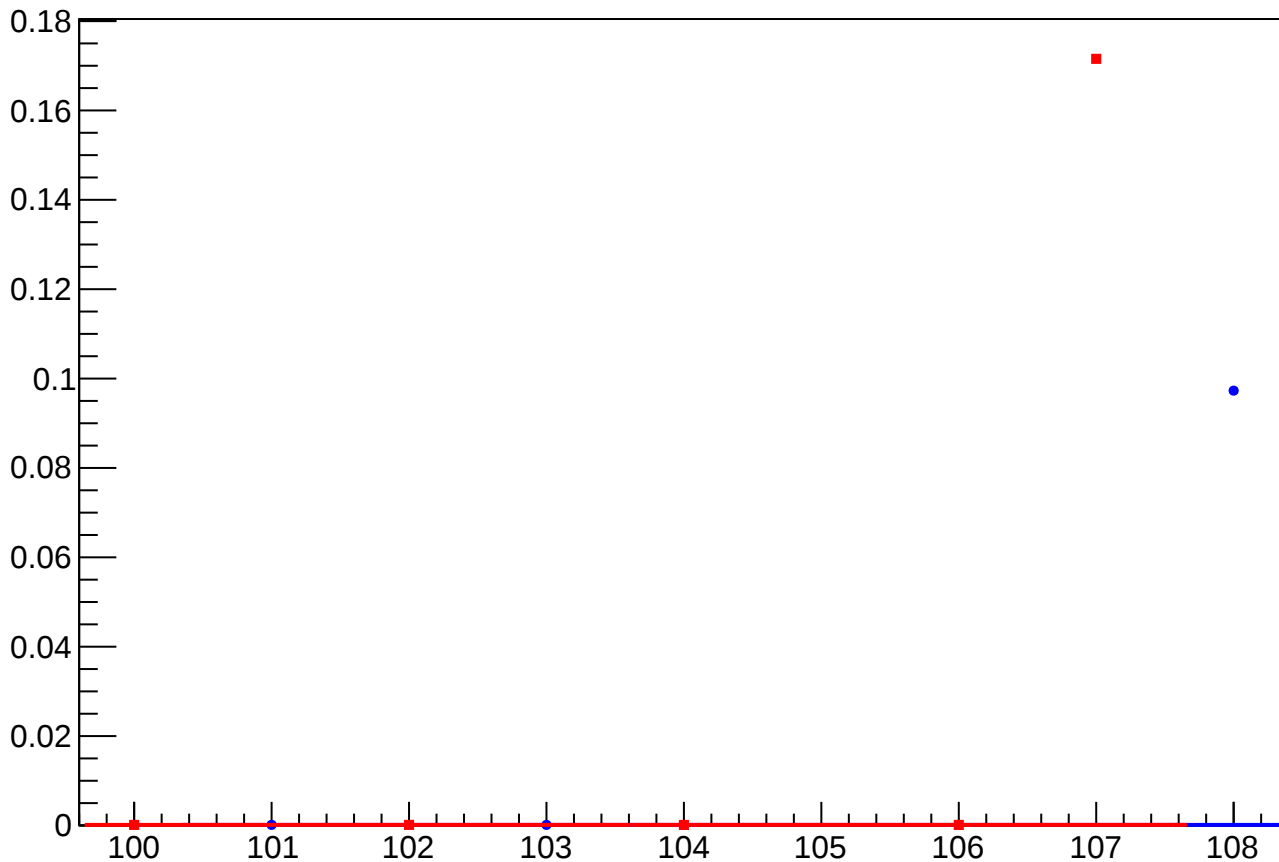
Right: 6.155+/-0.000 χ^2/NDF : 775868952590920.0/2

In: 6.532+/-0.000 χ^2/NDF : 10640144029.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.155+/-0.000 χ^2/NDF : 775868952590920.0/2

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 561894.5/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 286410.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

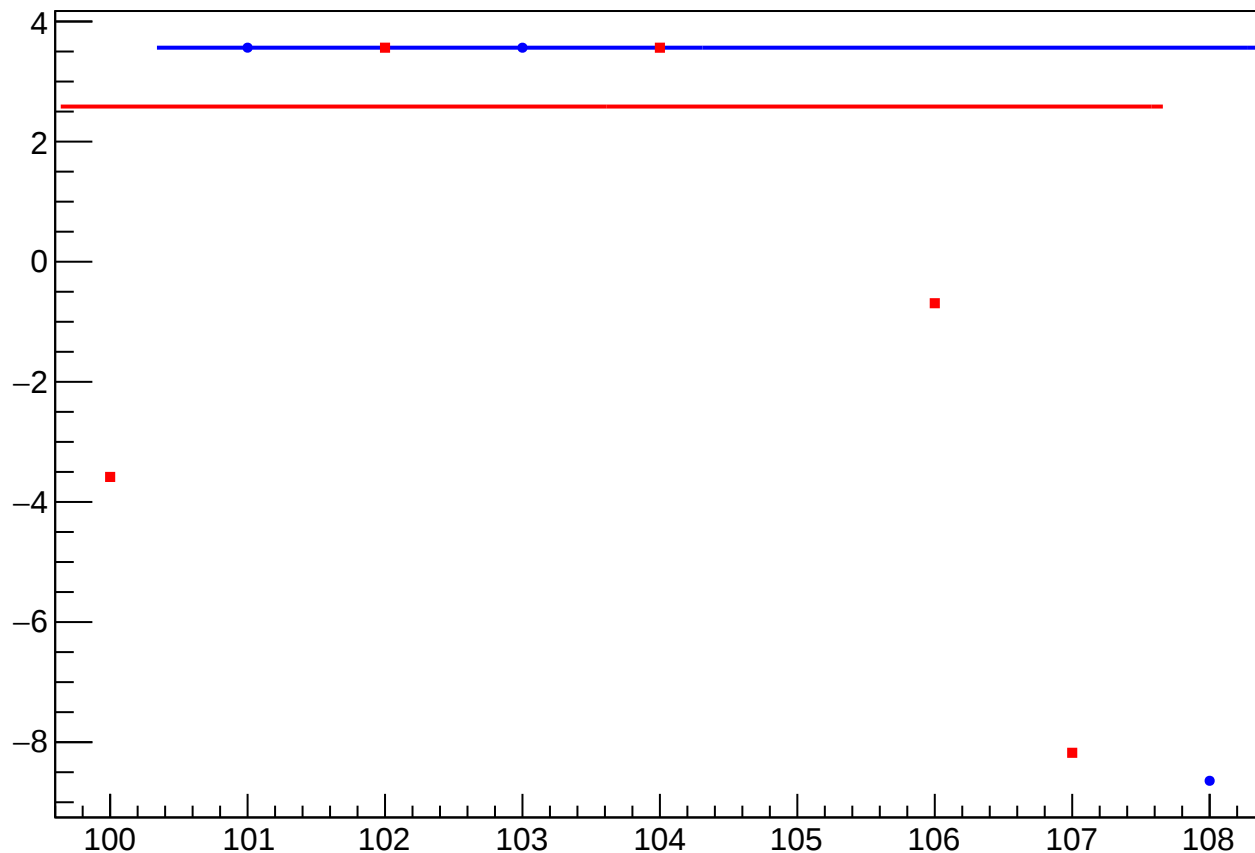
Right: 0.000+/-0.000 χ^2/NDF : 848511.2/7

In: 0.000+/-0.000 χ^2/NDF : 561894.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 848511.2/7

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 3.564+/-0.000

χ^2/NDF : 5490398204.0/2

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 : 1381543575908933.0

Right Out: 2.584+/-0.000

χ^2/NDF : 1253236582703270.2/4

In: 3.564+/-0.000

χ^2/NDF : 5490398204.0/2

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

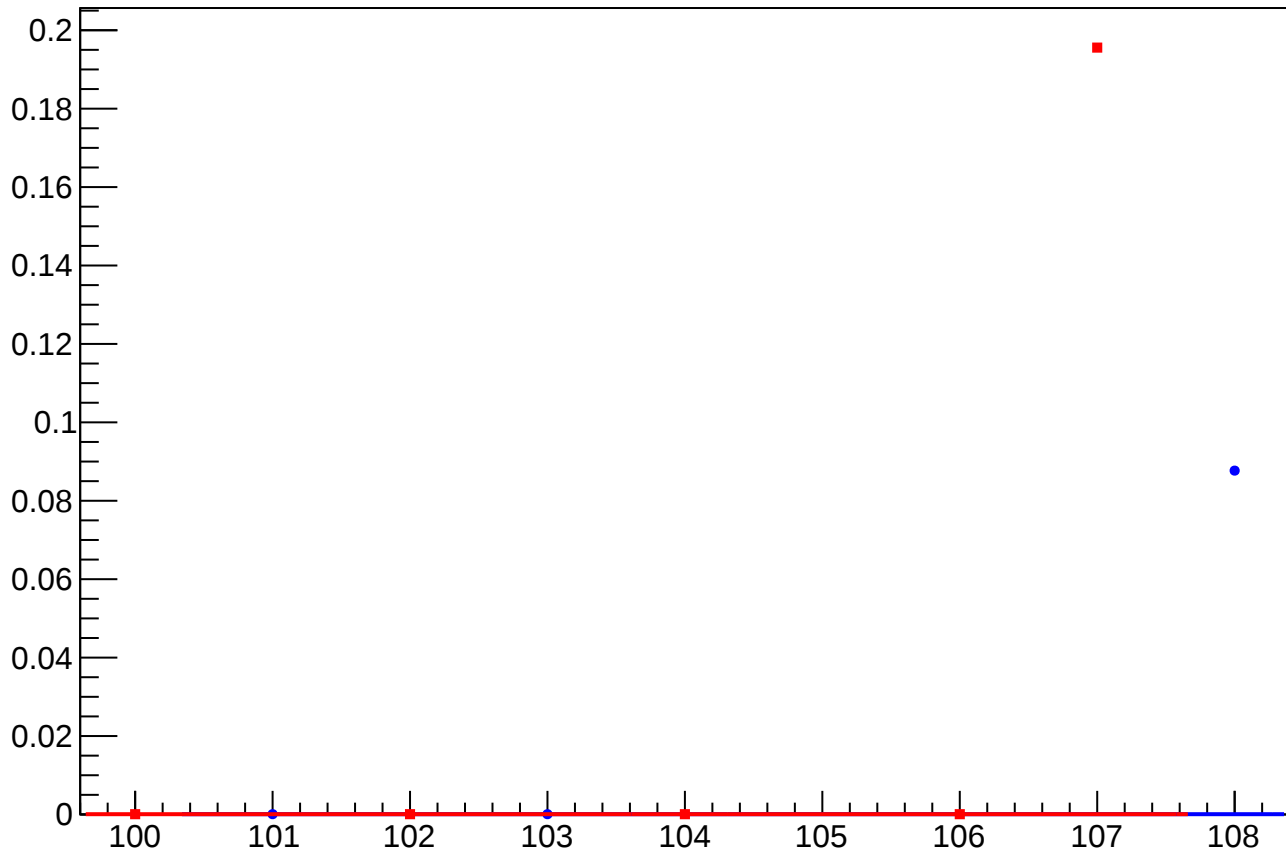
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 3.041+/-0.000

χ^2/NDF : 1381543575908933.0

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 566621.0/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 412337.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

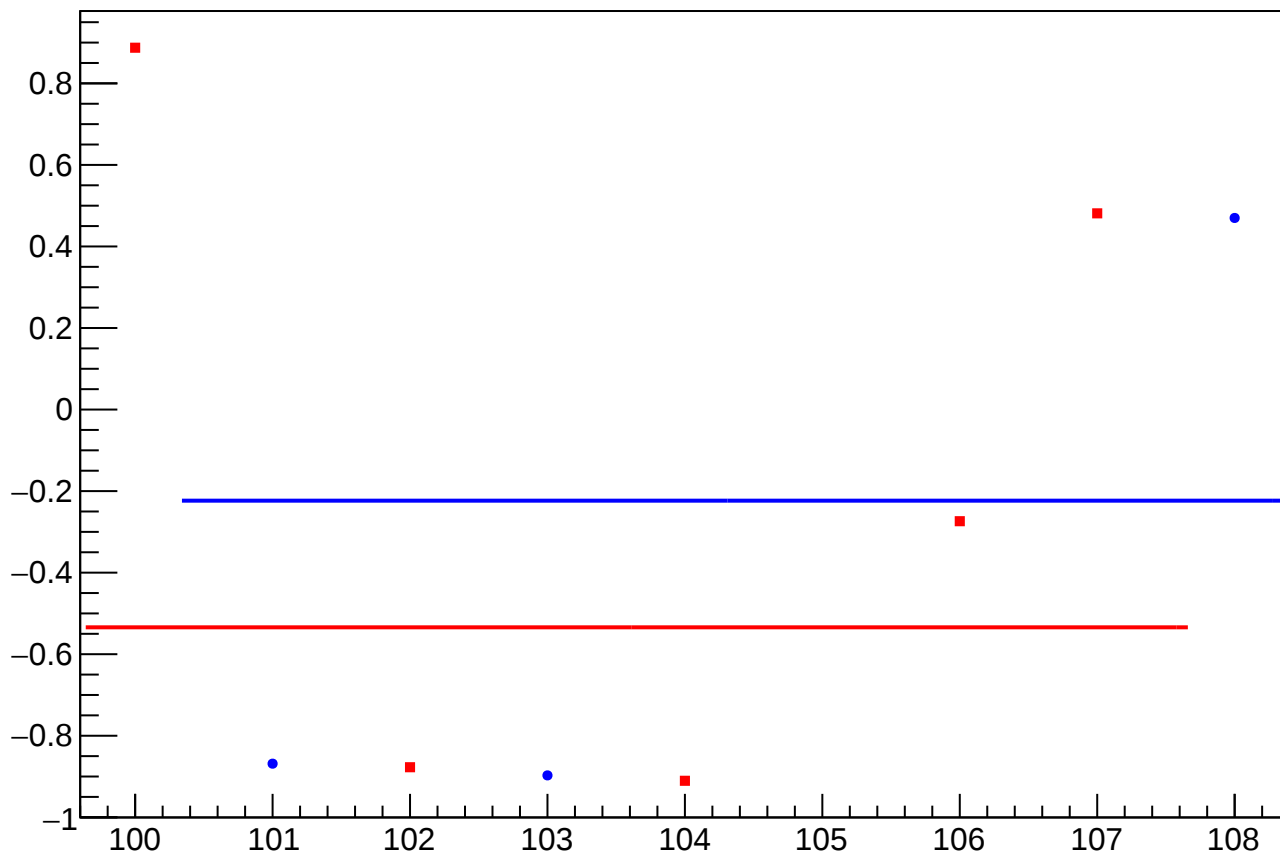
Right: 0.000+/-0.000 χ^2/NDF : 979138.1/7

In: 0.000+/-0.000 χ^2/NDF : 566621.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 979138.1/7

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.223+/-0.000 χ^2/NDF : 8821350840.6/2

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

Right Out: -0.534+/-0.000 χ^2/NDF : 1391523707.8/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

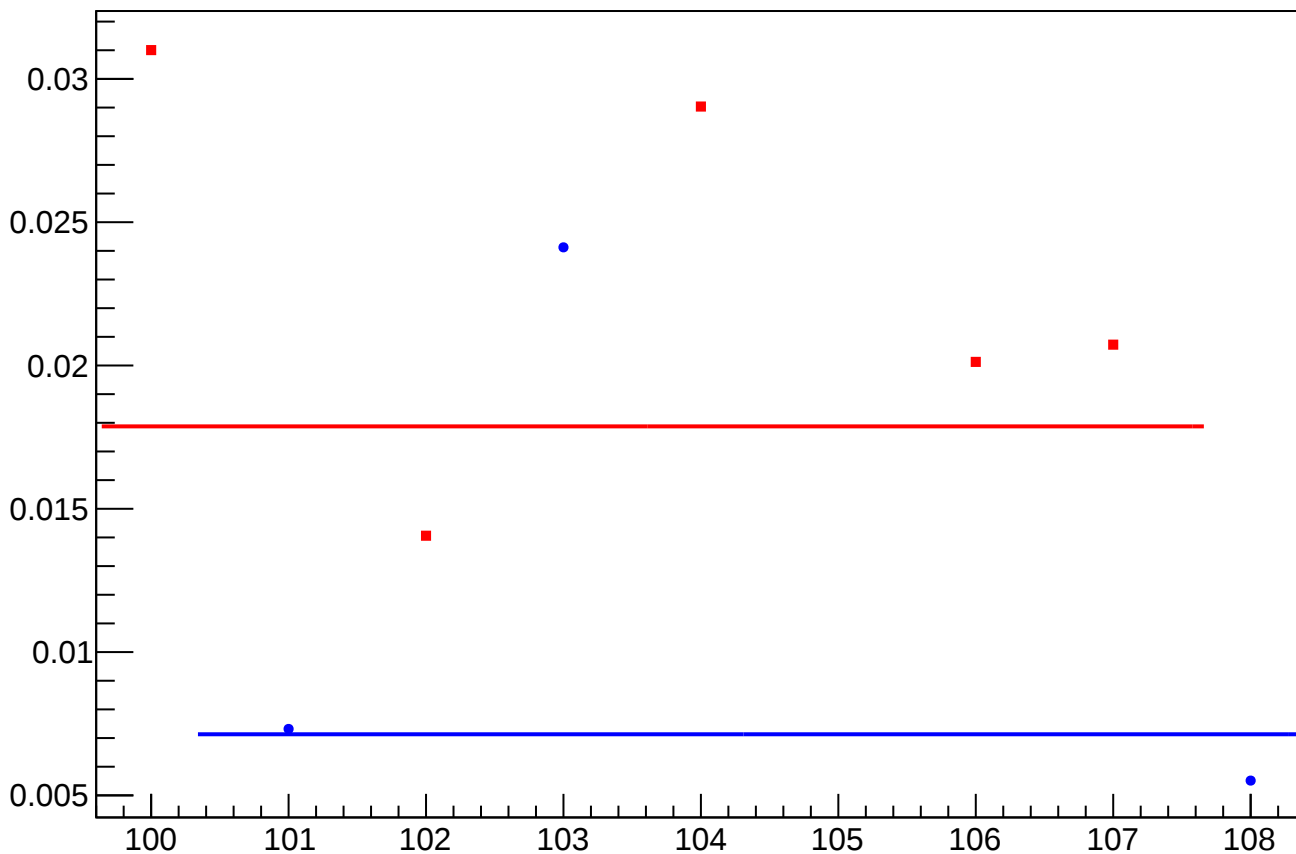
Right: -0.282+/-0.000 χ^2/NDF : 10571193111.8/7

In: -0.223+/-0.000 χ^2/NDF :8821350840.6/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.282+/-0.000 χ^2/NDF : 10571193111.8/7

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 512152.1/2

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

Right Out: 0.018+/-0.000 χ^2/NDF : 239519.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

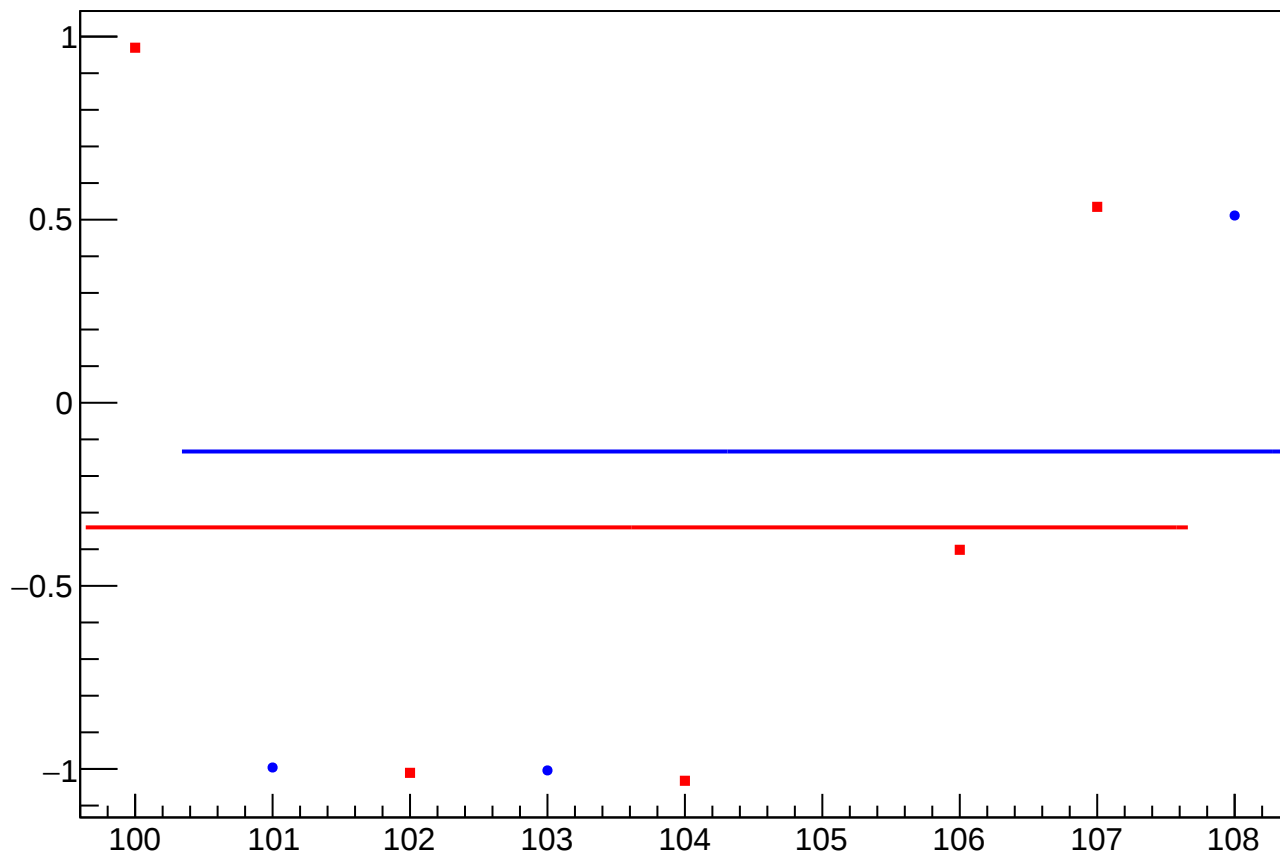
Right: 0.009+/-0.000 χ^2/NDF : 1608916.4/7

In: 0.007+/-0.000 χ^2/NDF : 512152.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 1608916.4/7

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.133+/-0.000 χ^2/NDF : 3420701009.2/2

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

Right Out: -0.340+/-0.000 χ^2/NDF : 993805975.4/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

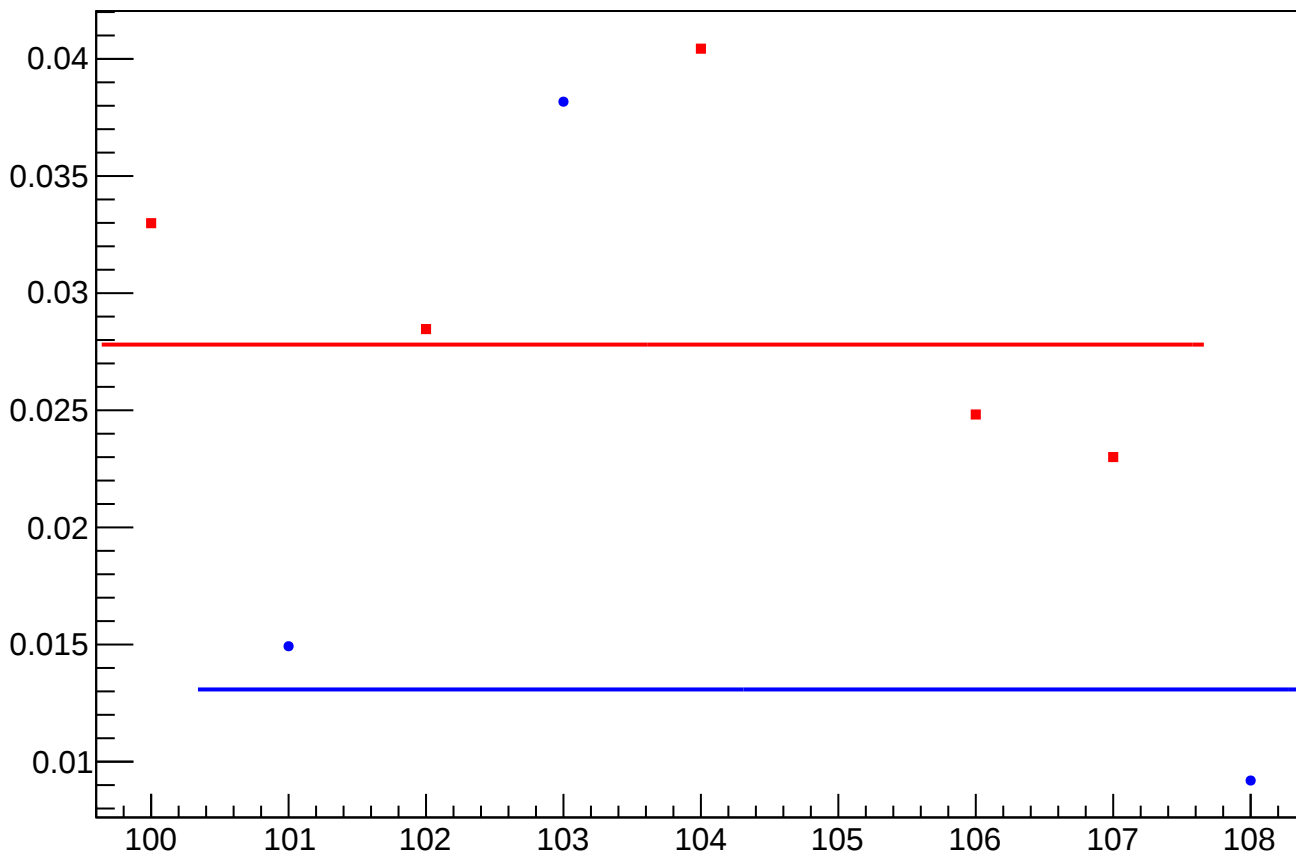
Right: -0.183+/-0.000 χ^2/NDF : 4478649834.3/7

In: -0.133+/-0.000 χ^2/NDF :3420701009.2/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.183+/-0.000 χ^2/NDF : 4478649834.3/7

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 600145.6/2

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

Right Out: 0.028+/-0.000 χ^2/NDF : 126488.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

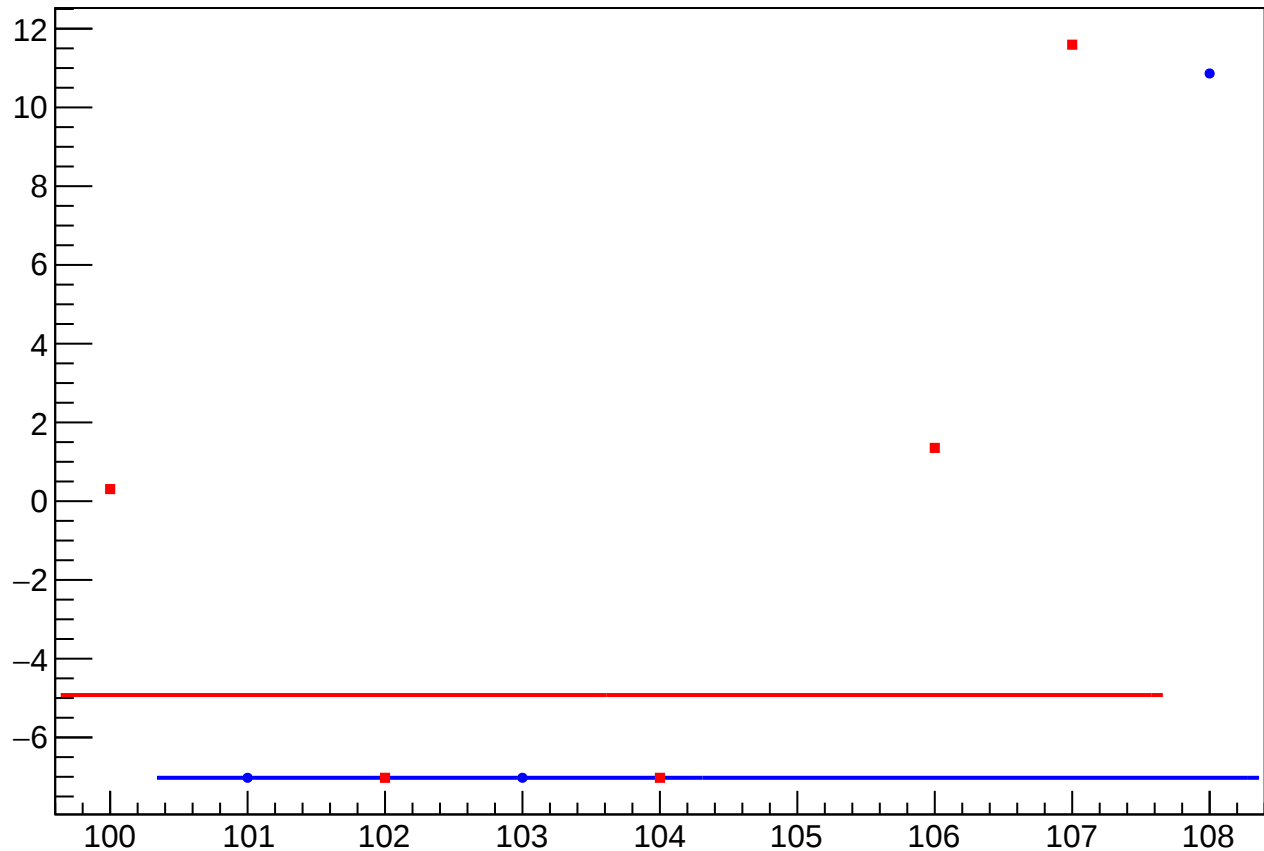
Right: 0.017+/-0.000 χ^2/NDF : 1374048.4/7

In: 0.013+/-0.000 χ^2/NDF : 600145.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.000 χ^2/NDF : 1374048.4/7

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -7.025+/-0.000 χ^2/NDF : 36933701548.8/2

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

Right Out: -4.923+/-0.000 χ^2/NDF : 364071537095508.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

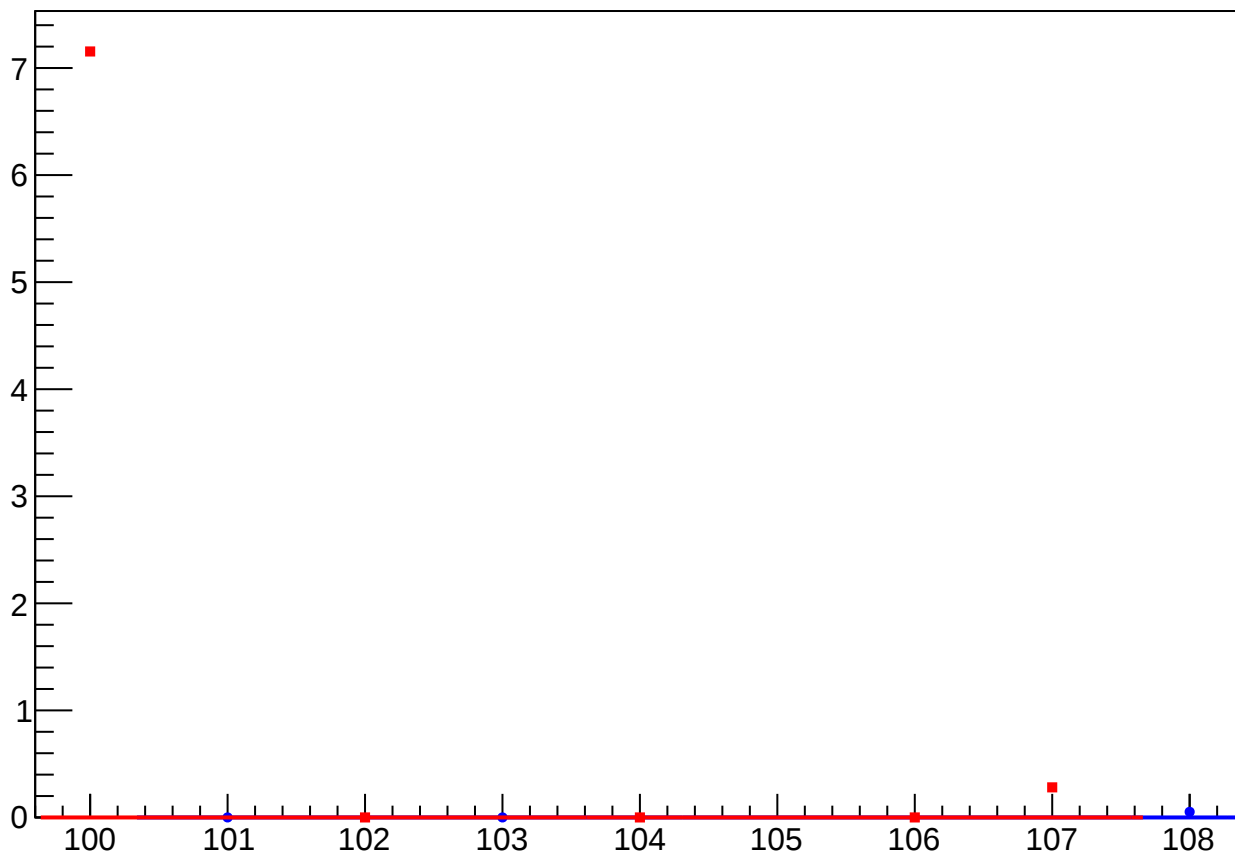
Right: -5.926+/-0.000 χ^2/NDF : 422261426284810.6

In: -7.025+/-0.000 χ^2/NDF : 36933701548.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.926+/-0.000 χ^2/NDF : 4222614262848

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 627194.2/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 646750.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

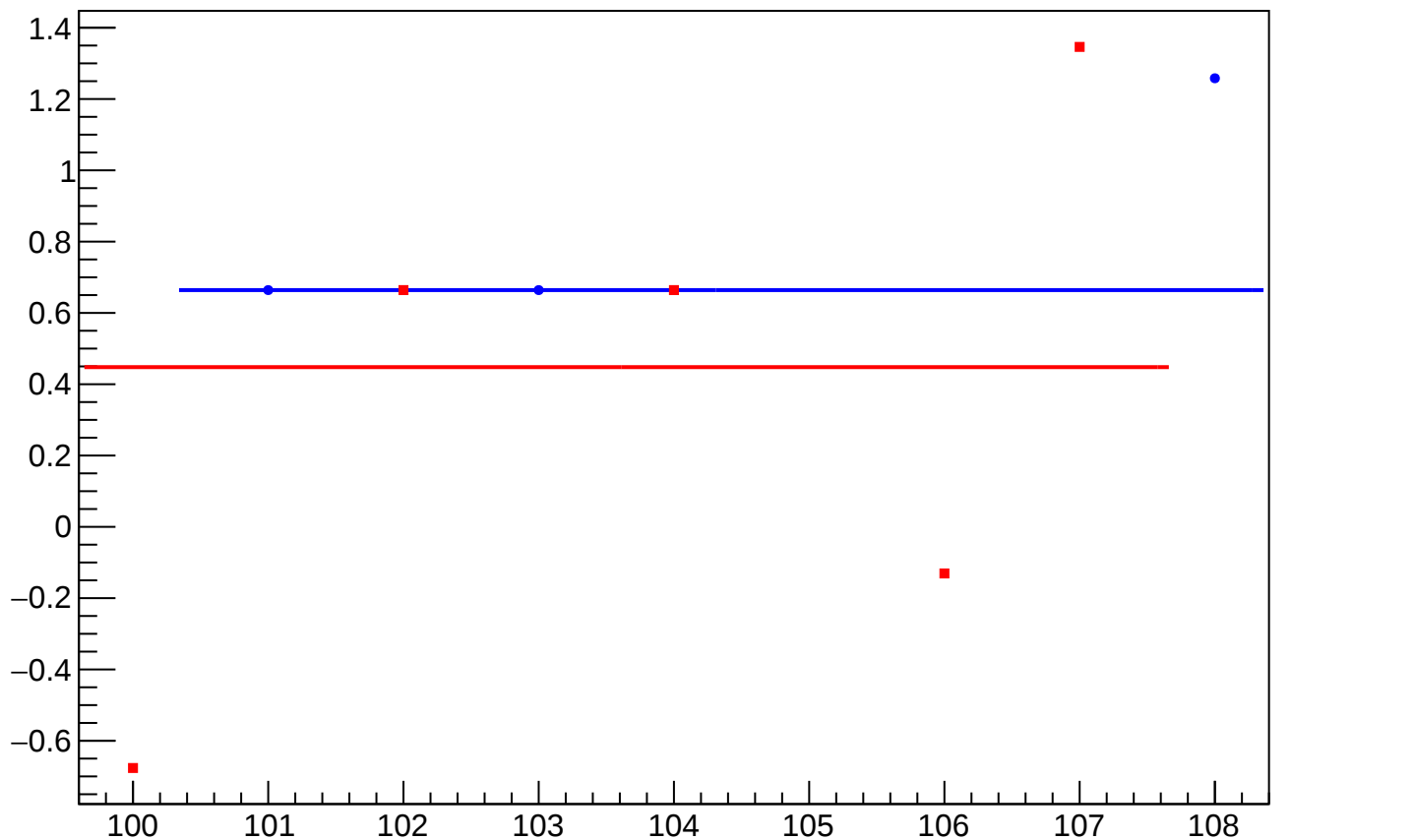
Right: 0.000+/-0.000 χ^2/NDF : 1273960.1/7

In: 0.000+/-0.000 χ^2/NDF : 627194.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1273960.1/7

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.664+/-0.000

χ^2/NDF : 2078761086.6/2

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.551+/-0.000

χ^2/NDF : 466268919688984.6/2

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.664+/-0.000

χ^2/NDF : 2078761086.6/2

Right Out: 0.448+/-0.000

χ^2/NDF : 402866198397473.2/4

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

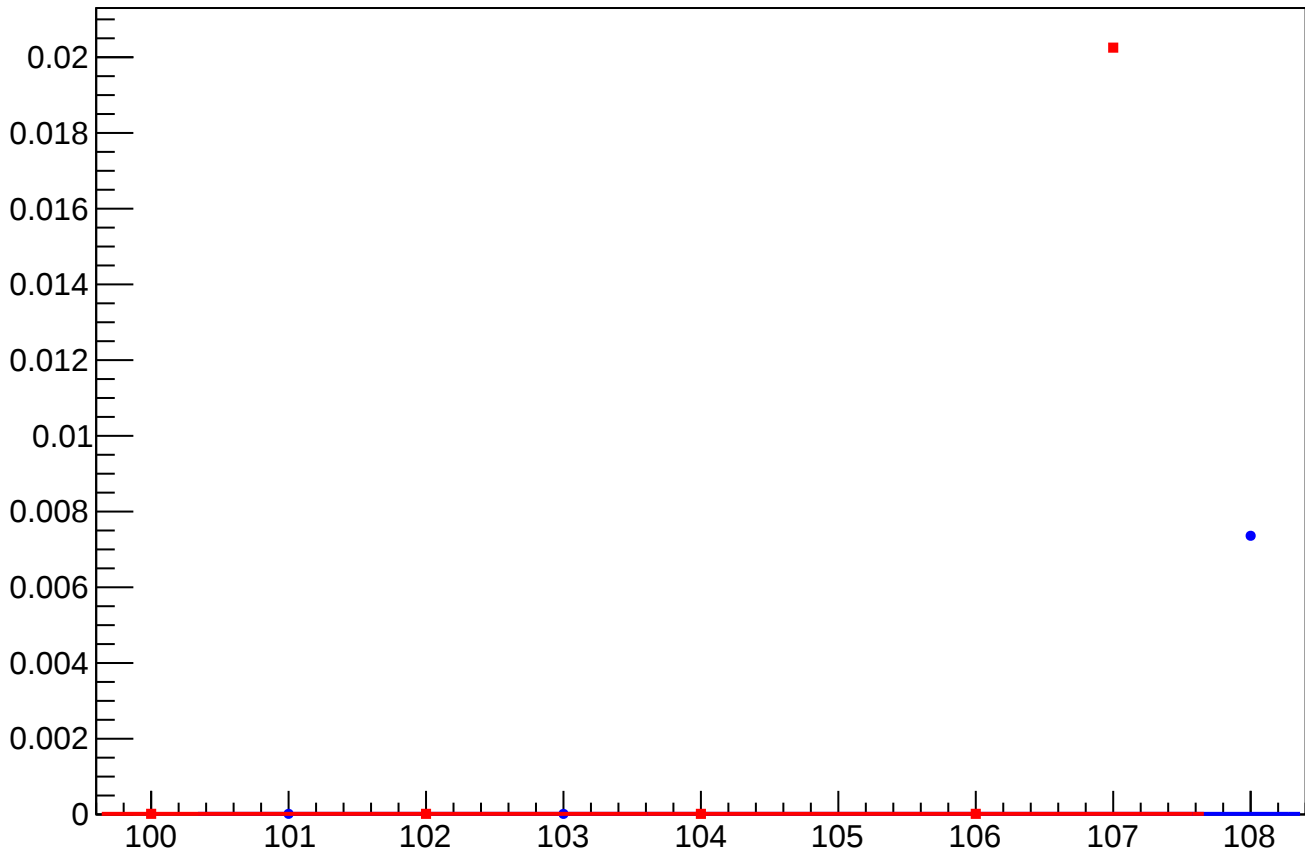
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.551+/-0.000

χ^2/NDF : 466268919688984.6/2

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 636105.4/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 373705.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

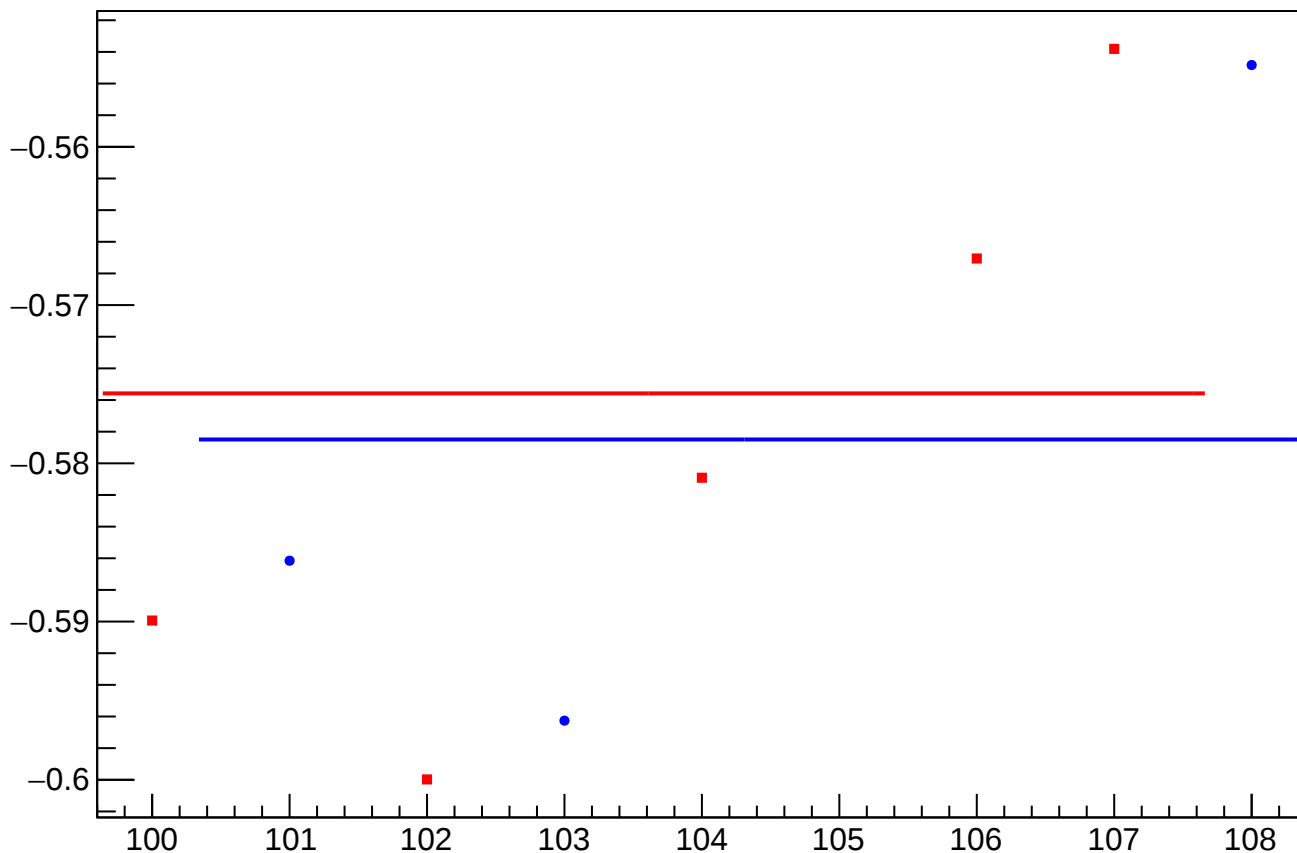
Right: 0.000+/-0.000 χ^2/NDF : 1010041.9/7

In: 0.000+/-0.000 χ^2/NDF : 636105.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1010041.9/7

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.578+/-0.000 χ^2/NDF : 194907.2/2

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

Right Out: -0.576+/-0.000 χ^2/NDF : 176143.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

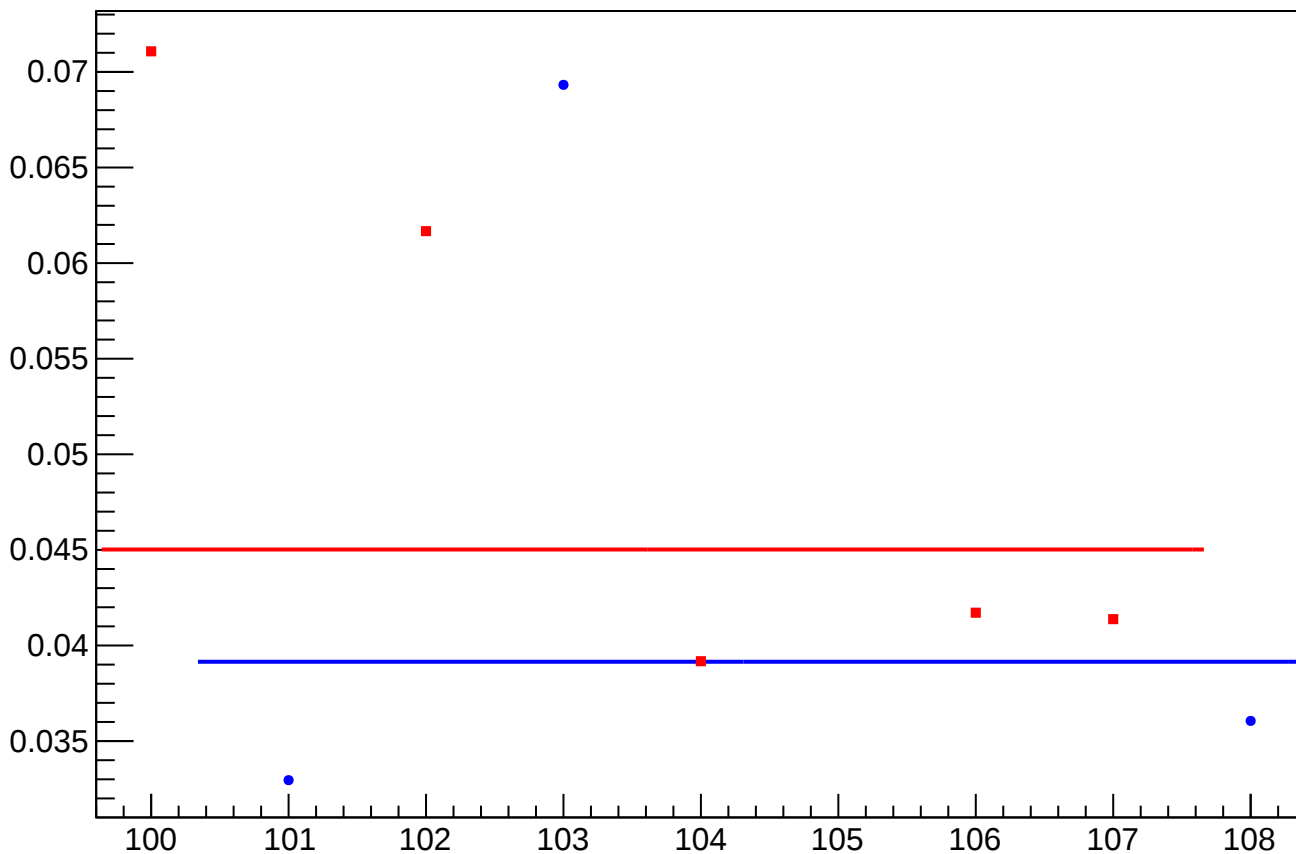
Right: -0.577+/-0.000 χ^2/NDF : 374209.5/7

In: -0.578+/-0.000 χ^2/NDF : 194907.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.577+/-0.000 χ^2/NDF : 374209.5/7

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.039+/-0.000 χ^2/NDF : 252396.7/2

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

Right Out: 0.045+/-0.000 χ^2/NDF : 115371.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

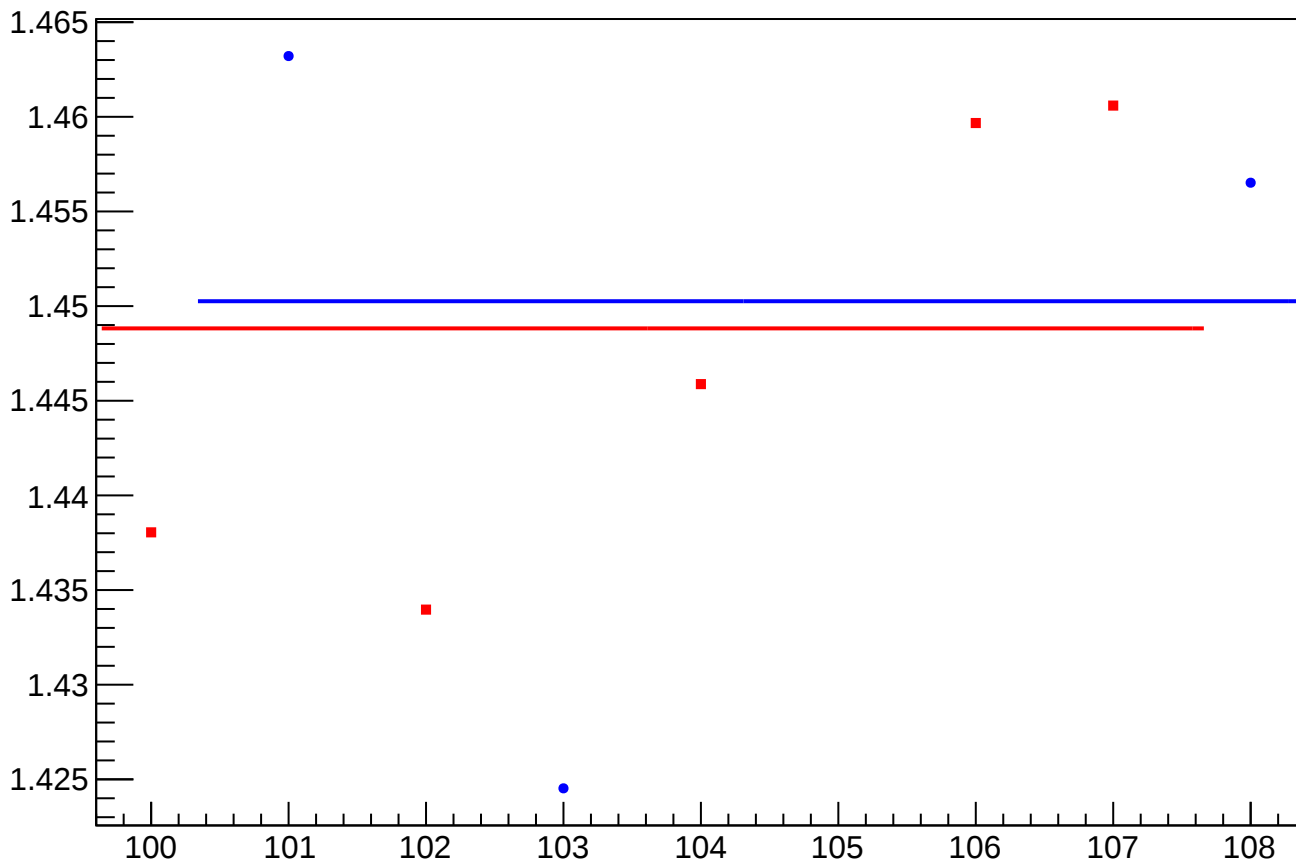
Right: 0.042+/-0.000 χ^2/NDF : 393424.0/7

In: 0.039+/-0.000 χ^2/NDF : 252396.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.042+/-0.000 χ^2/NDF : 393424.0/7

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 1.450+/-0.000 χ^2/NDF : 1549771.6/2

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

Right Out: 1.449+/-0.000 χ^2/NDF : 659896.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

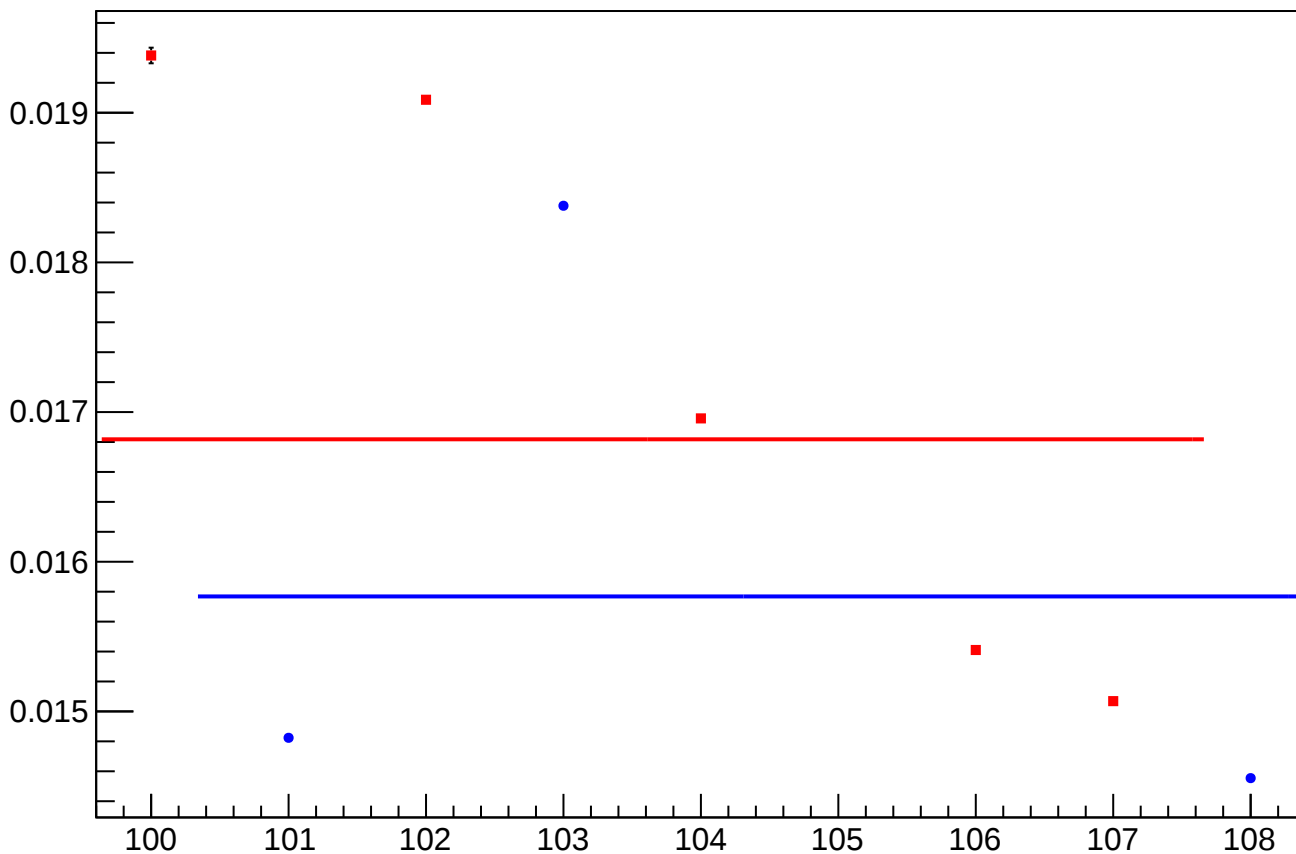
Right: 1.450+/-0.000 χ^2/NDF : 2215481.7/7

In: 1.450+/-0.000 χ^2/NDF : 1549771.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.450+/-0.000 χ^2/NDF : 2215481.7/7

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 31146.8/2

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

Right Out: 0.017+/-0.000 χ^2/NDF : 29527.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

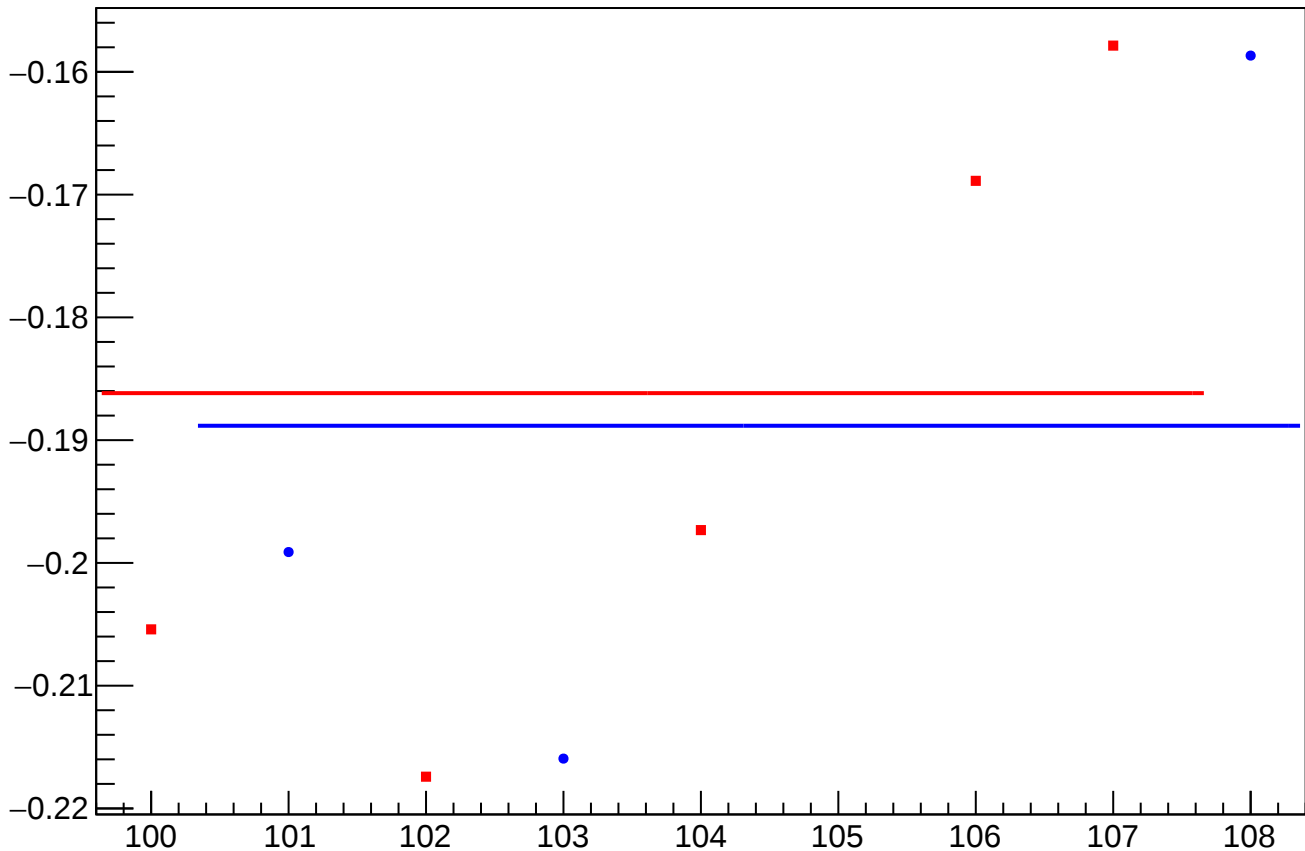
Right: 0.016+/-0.000 χ^2/NDF : 66892.3/7

In: 0.016+/-0.000 χ^2/NDF : 31146.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 66892.3/7

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.189+/-0.000 χ^2/NDF : 341141.2/2

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

Right Out: -0.186+/-0.000 χ^2/NDF : 324672.5/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

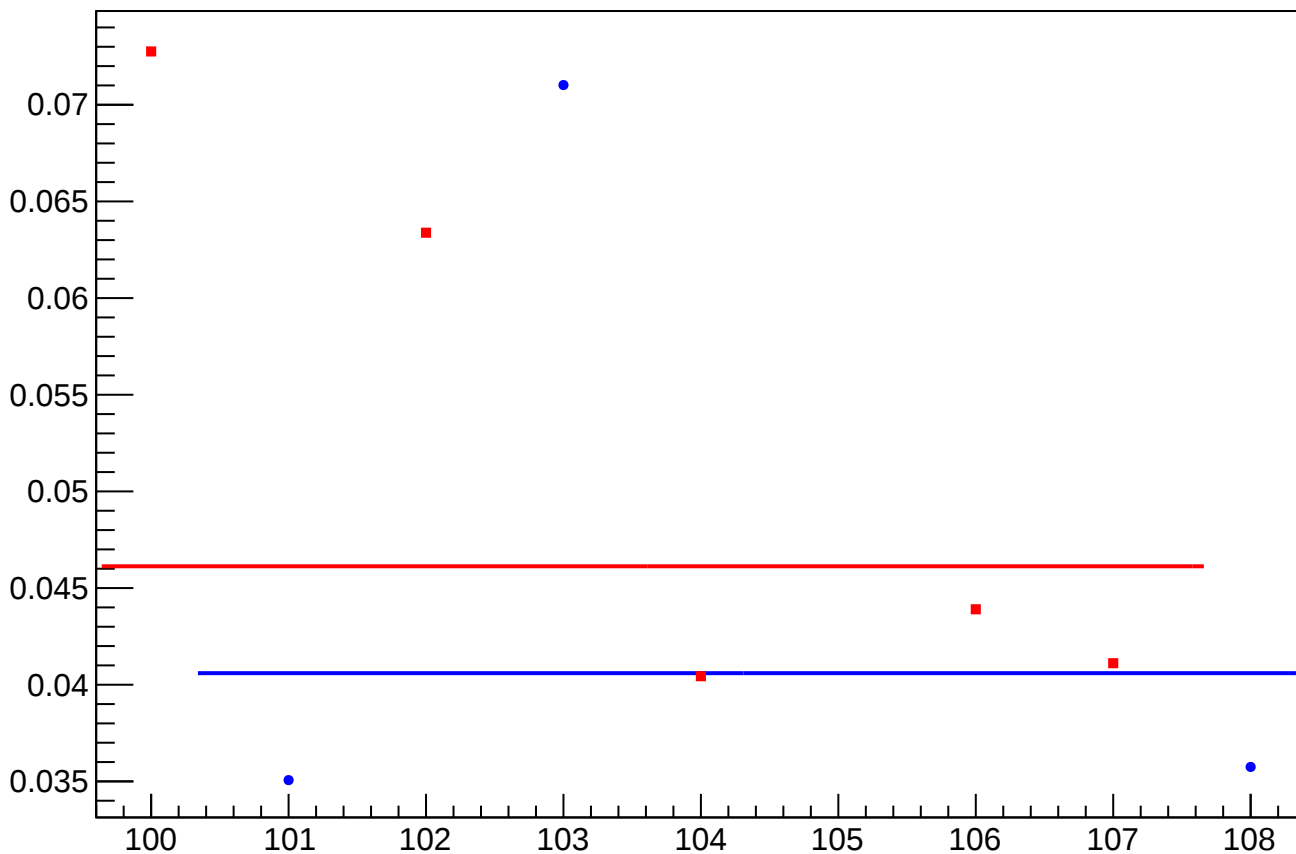
Right: -0.188+/-0.000 χ^2/NDF : 668298.6/7

In: -0.189+/-0.000 χ^2/NDF :341141.2/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.188+/-0.000 χ^2/NDF : 668298.6/7

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.041+/-0.000 χ^2/NDF : 242230.0/2

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

Right Out: 0.046+/-0.000 χ^2/NDF : 117080.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

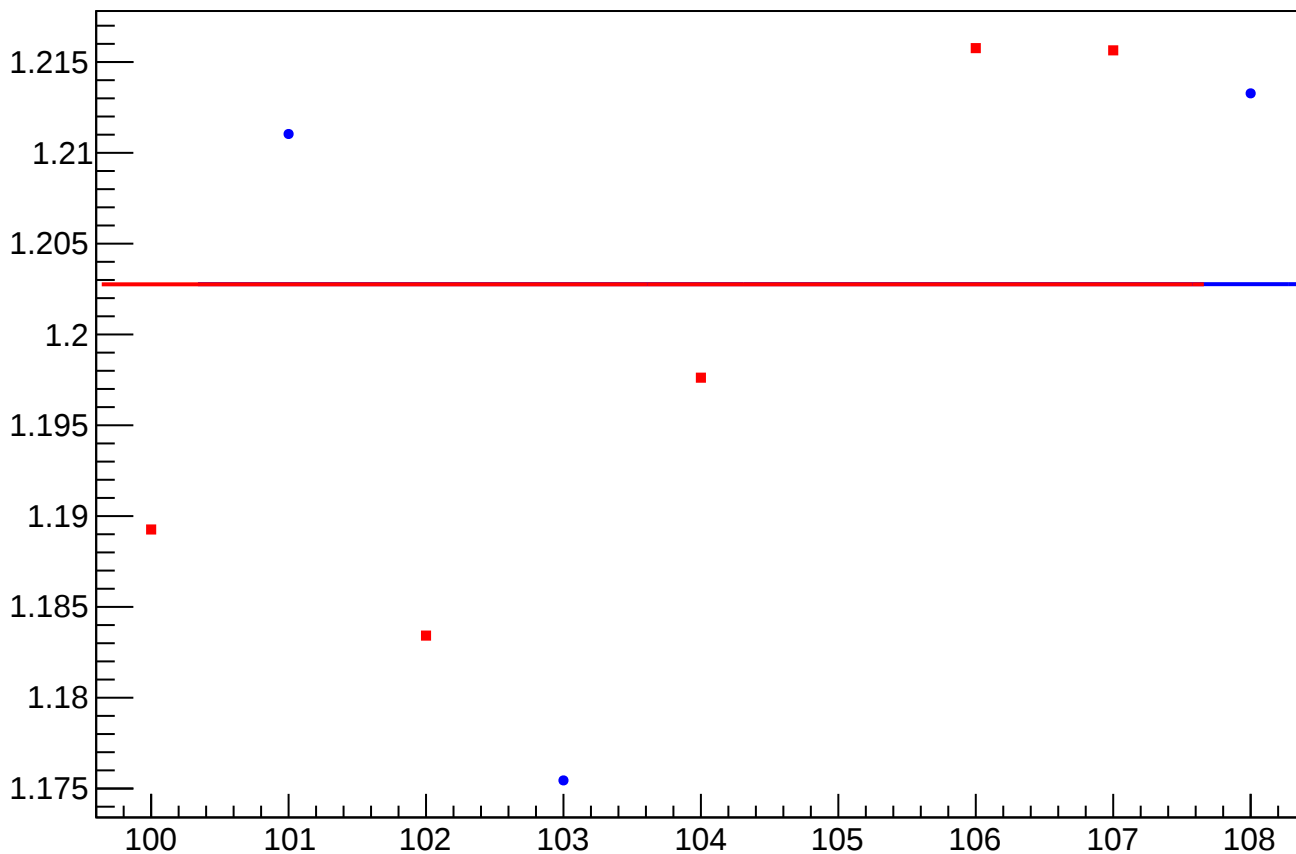
Right: 0.043+/-0.000 χ^2/NDF : 380825.6/7

In: 0.041+/-0.000 χ^2/NDF : 242230.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.043+/-0.000 χ^2/NDF : 380825.6/7

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 1.203+/-0.000 χ^2/NDF : 2153081.9/2

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

Right Out: 1.203+/-0.000 χ^2/NDF : 1469453.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

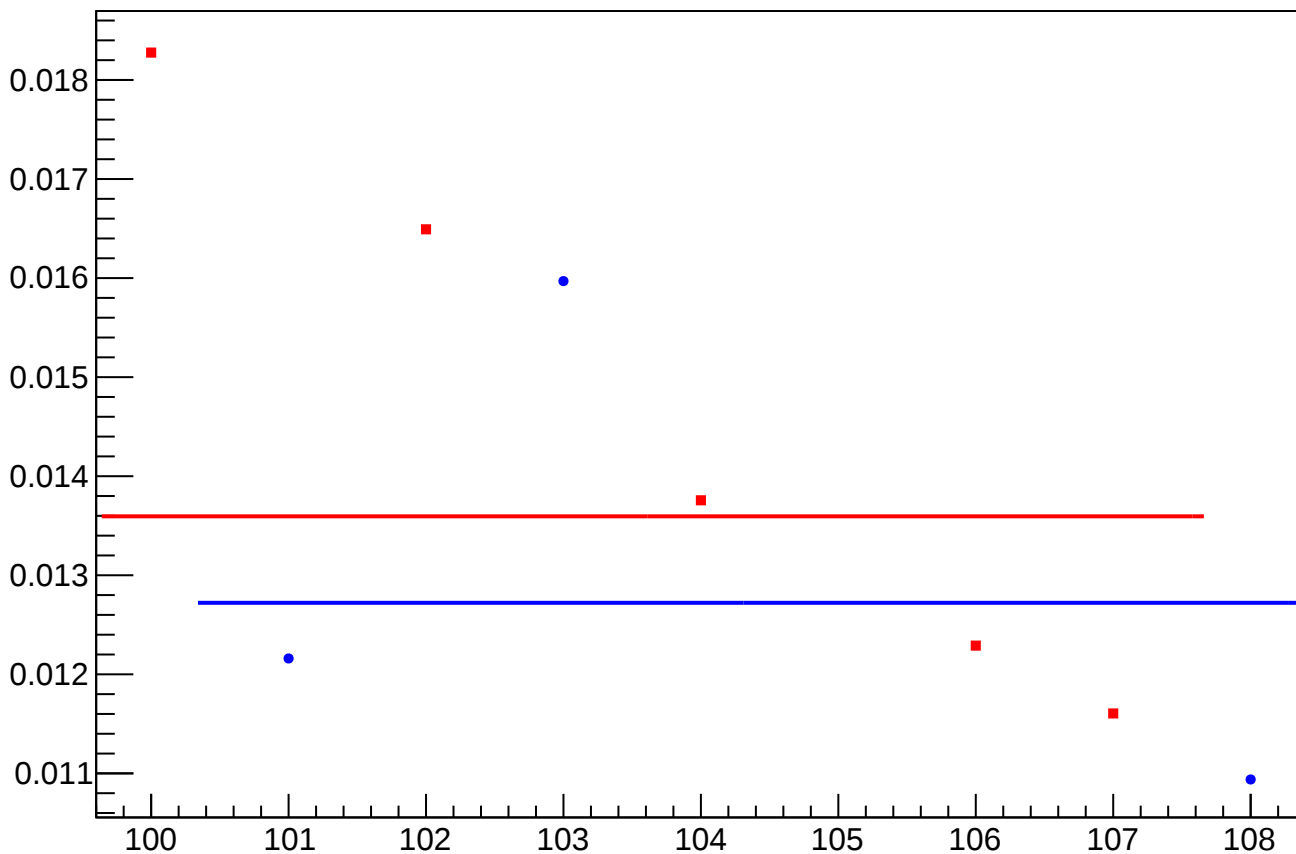
Right: 1.203+/-0.000 χ^2/NDF : 3622535.6/7

In: 1.203+/-0.000 χ^2/NDF : 2153081.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.203+/-0.000 χ^2/NDF : 3622535.6/7

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 65289.5/2

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

Right Out: 0.014+/-0.000 χ^2/NDF : 64686.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

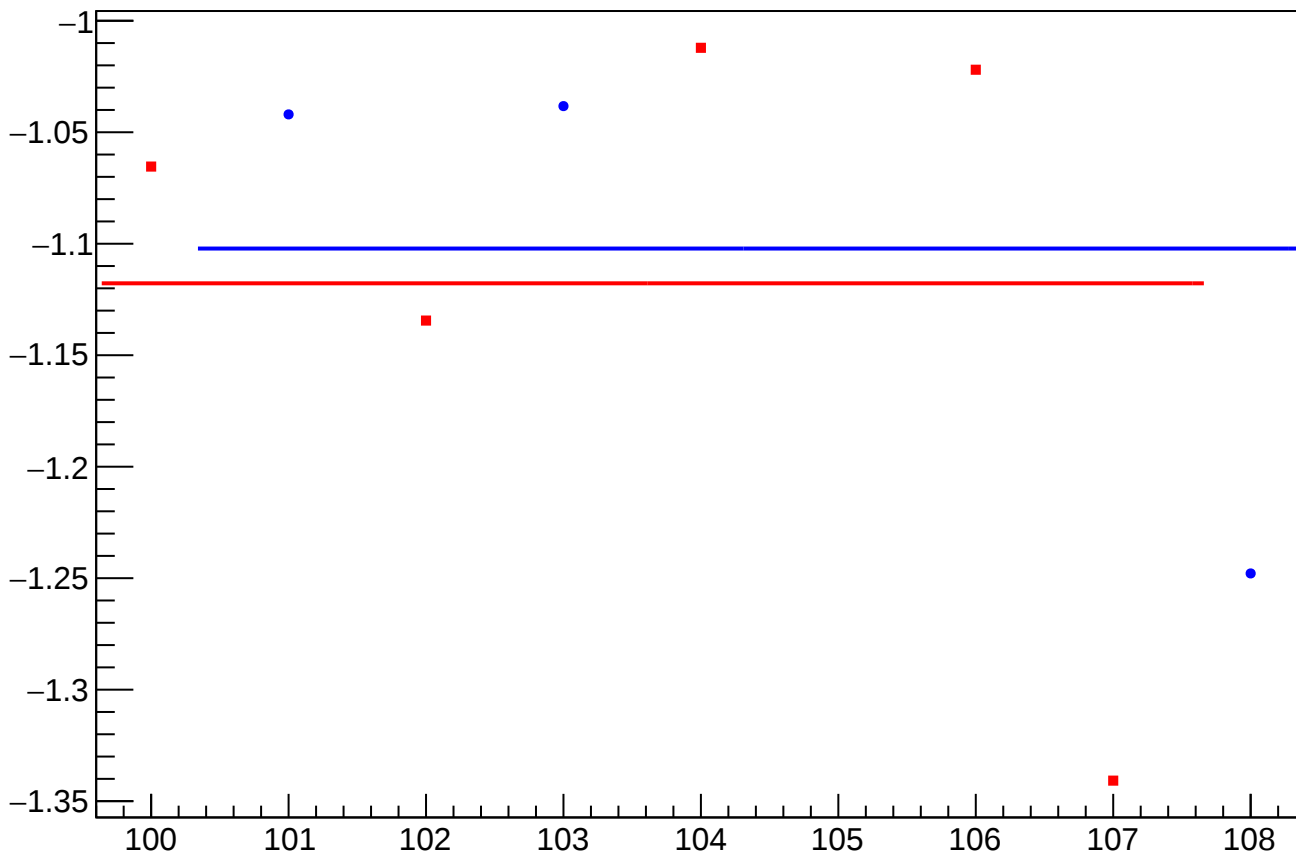
Right: 0.013+/-0.000 χ^2/NDF : 136433.9/7

In: 0.013+/-0.000 χ^2/NDF : 65289.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 136433.9/7

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.102+/-0.000 χ^2/NDF : 7176374.9/2

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

Right Out: -1.118+/-0.000 χ^2/NDF : 12928933.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

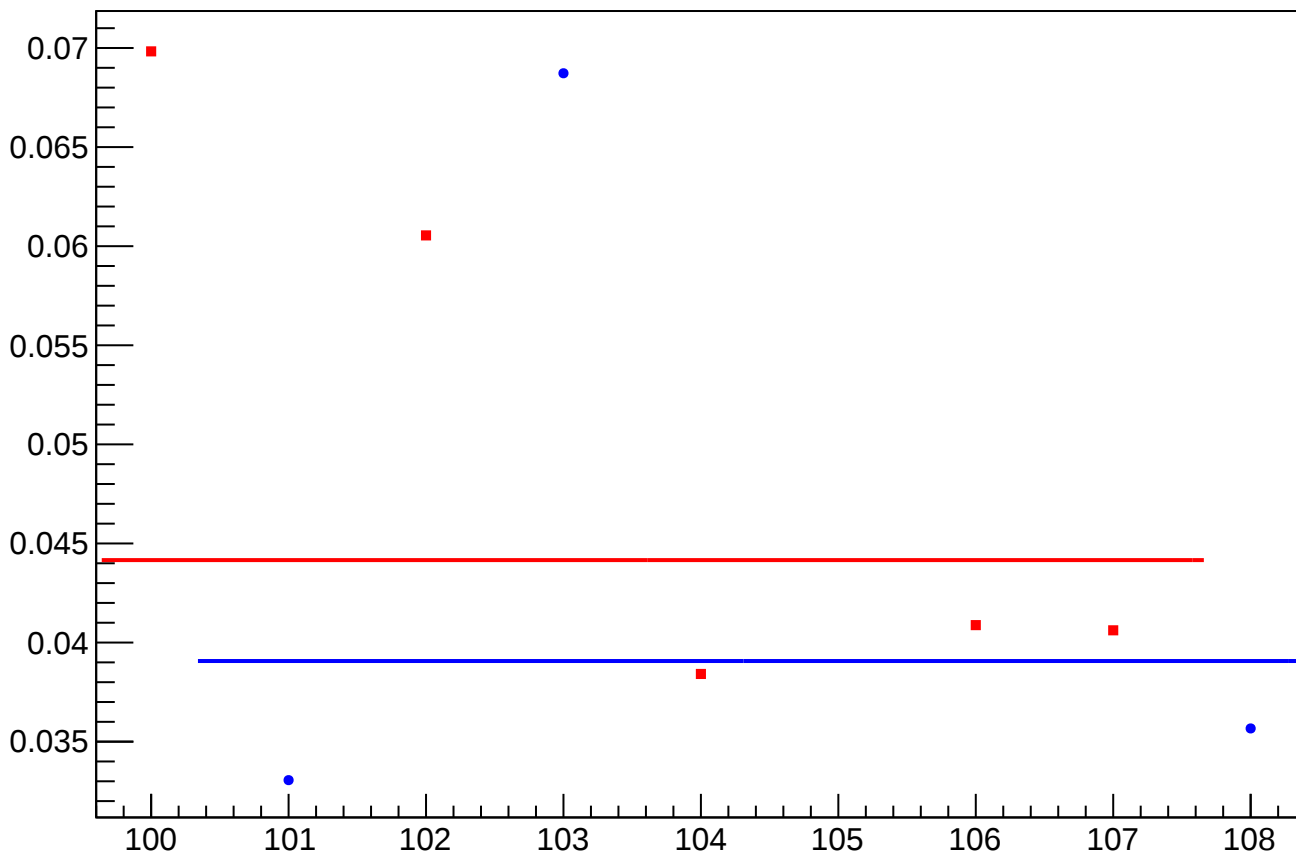
Right: -1.110+/-0.000 χ^2/NDF : 20197853.2/7

In: -1.102+/-0.000 χ^2/NDF : 7176374.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.110+/-0.000 χ^2/NDF : 20197853.2/7

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.039+/-0.000 χ^2/NDF : 246972.5/2

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

Right Out: 0.044+/-0.000 χ^2/NDF : 115842.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

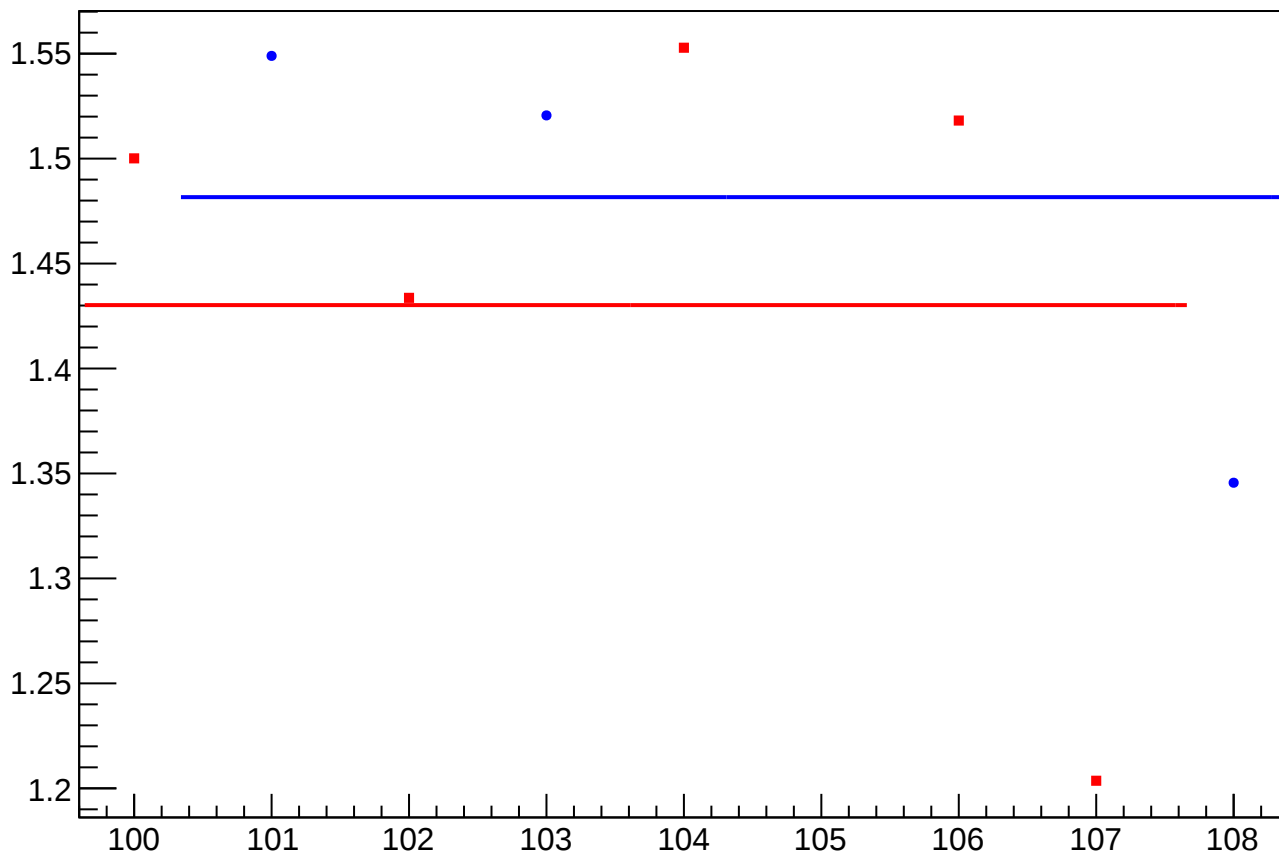
Right: 0.041+/-0.000 χ^2/NDF : 382544.7/7

In: 0.039+/-0.000 χ^2/NDF : 246972.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.041+/-0.000 χ^2/NDF : 382544.7/7

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.482+/-0.000 χ^2/NDF : 38990321.8/2

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

Right Out: 1.430+/-0.000 χ^2/NDF : 101511504.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

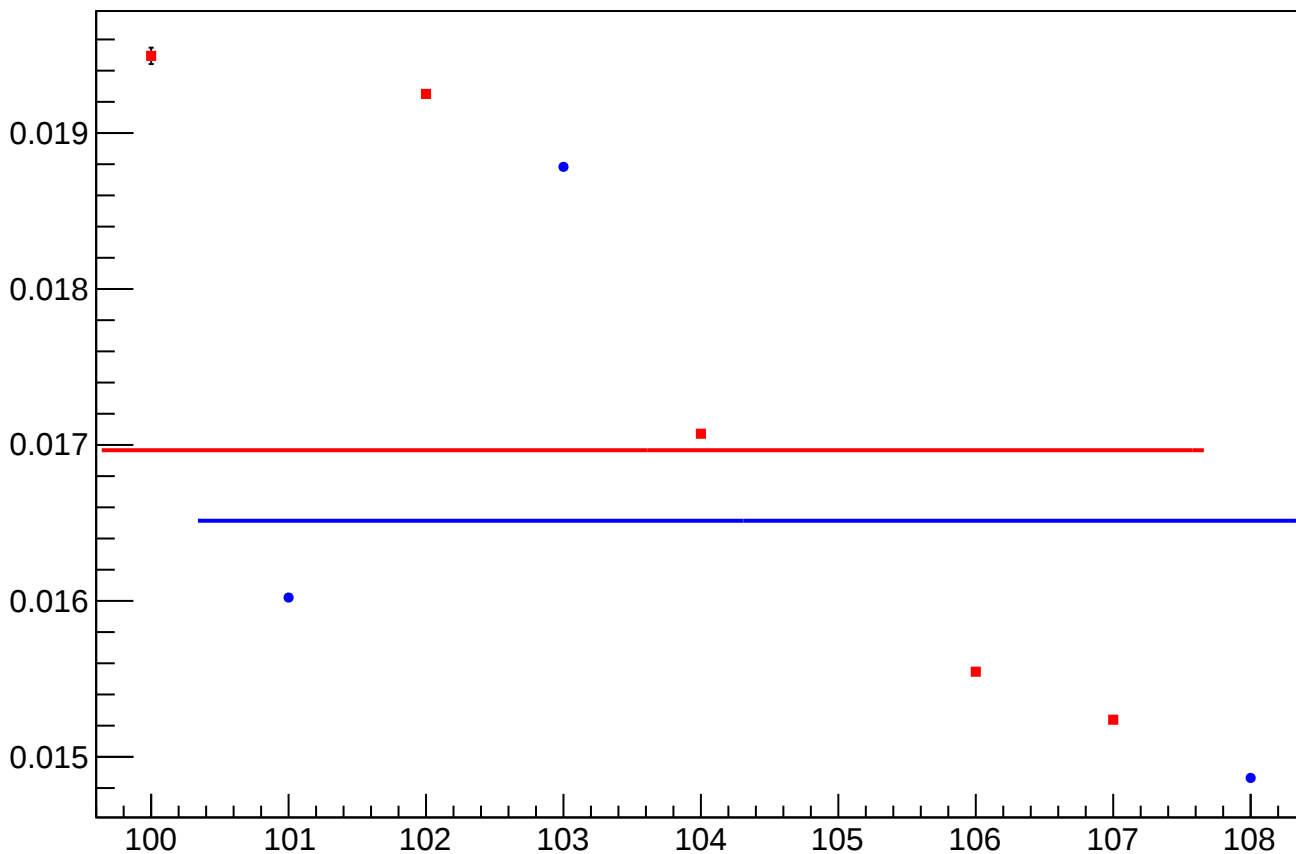
Right: 1.455+/-0.000 χ^2/NDF : 147507999.6/7

In: 1.482+/-0.000 χ^2/NDF : 38990321.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.455+/-0.000 χ^2/NDF : 147507999.6/7

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 24686.0/2

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

Right Out: 0.017+/-0.000 χ^2/NDF : 28983.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

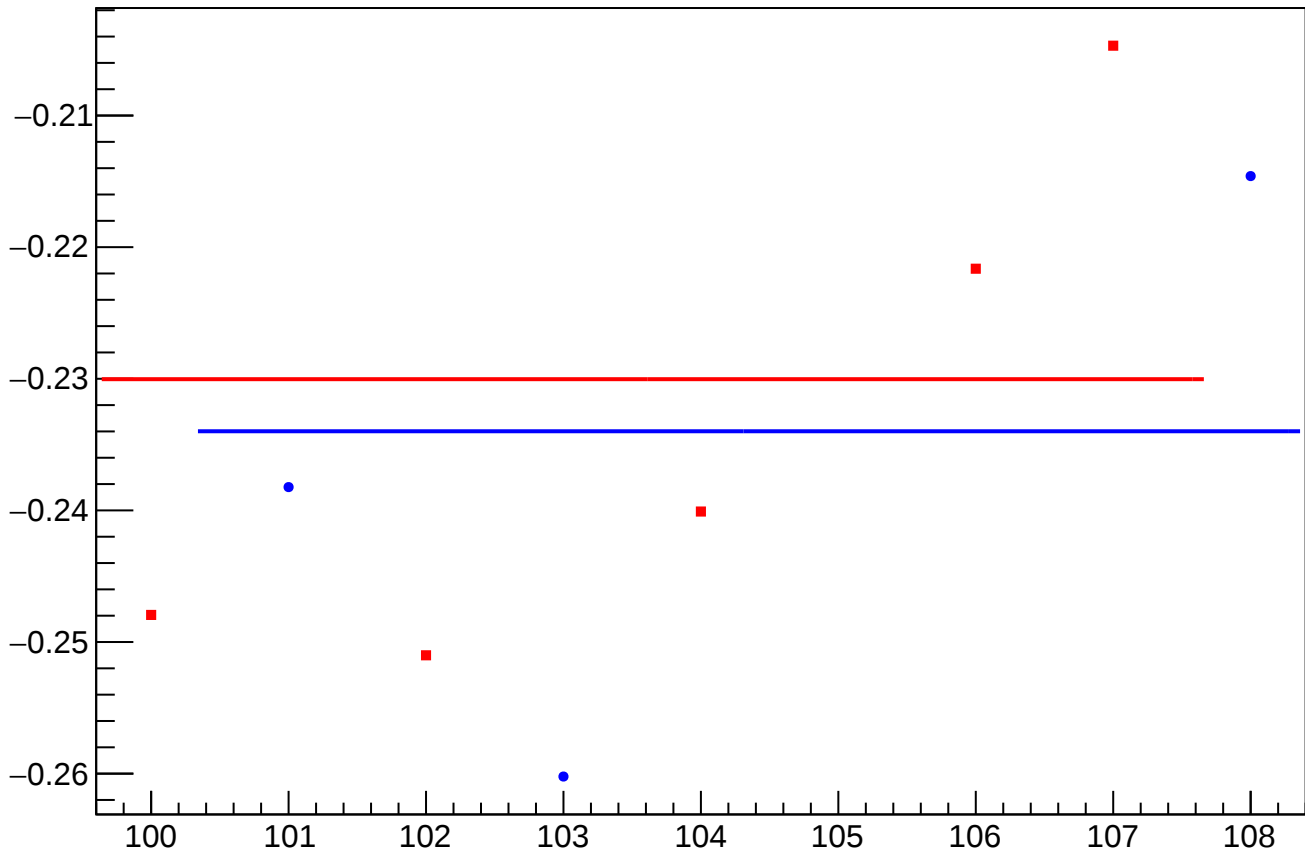
Right: 0.017+/-0.000 χ^2/NDF : 54752.3/7

In: 0.017+/-0.000 χ^2/NDF : 24686.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.000 χ^2/NDF : 54752.3/7

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.234+/-0.000 χ^2/NDF : 169551.8/2

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

Right Out: -0.230+/-0.000 χ^2/NDF : 193162.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

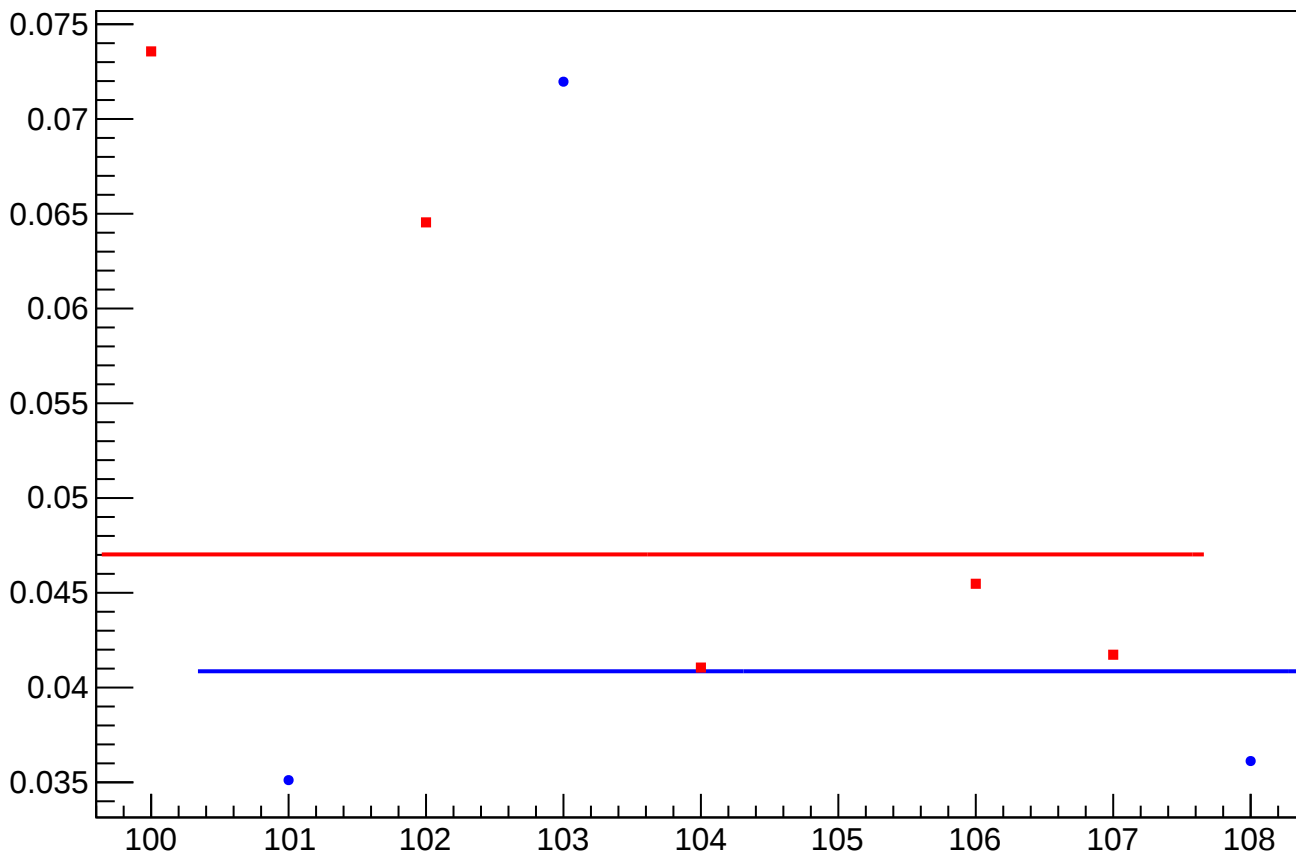
Right: -0.232+/-0.000 χ^2/NDF : 368067.9/7

In: -0.234+/-0.000 χ^2/NDF : 169551.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.232+/-0.000 χ^2/NDF : 368067.9/7

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.041+/-0.000 χ^2/NDF : 246661.5/2

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

Right Out: 0.047+/-0.000 χ^2/NDF : 117615.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

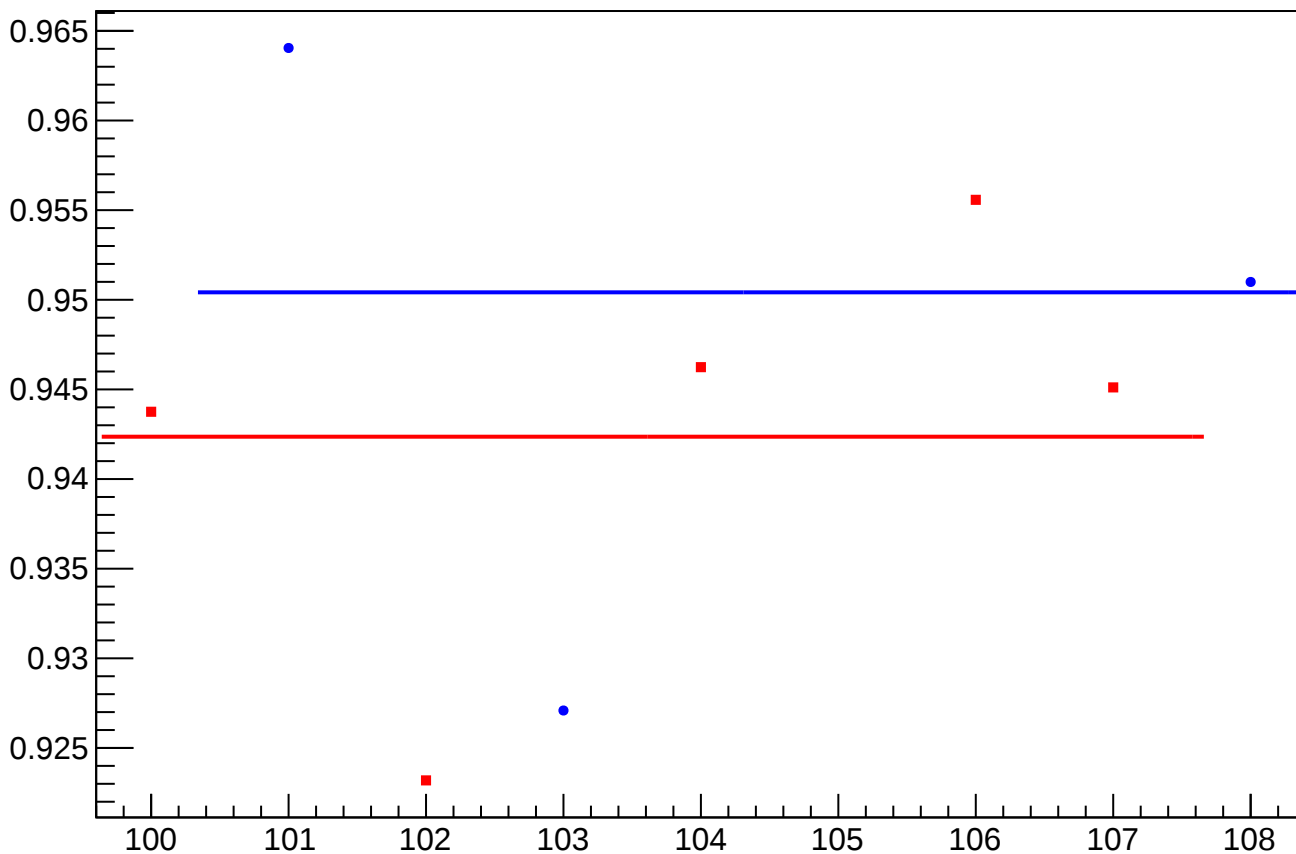
Right: 0.044+/-0.000 χ^2/NDF : 390272.9/7

In: 0.041+/-0.000 χ^2/NDF : 246661.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.044+/-0.000 χ^2/NDF : 390272.9/7

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.950 $\pm$ 0.000 χ^2 /NDF: 1789953.7/2

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

Right Out: 0.942 $\pm$ 0.000 χ^2 /NDF: 1014157.6/4

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

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

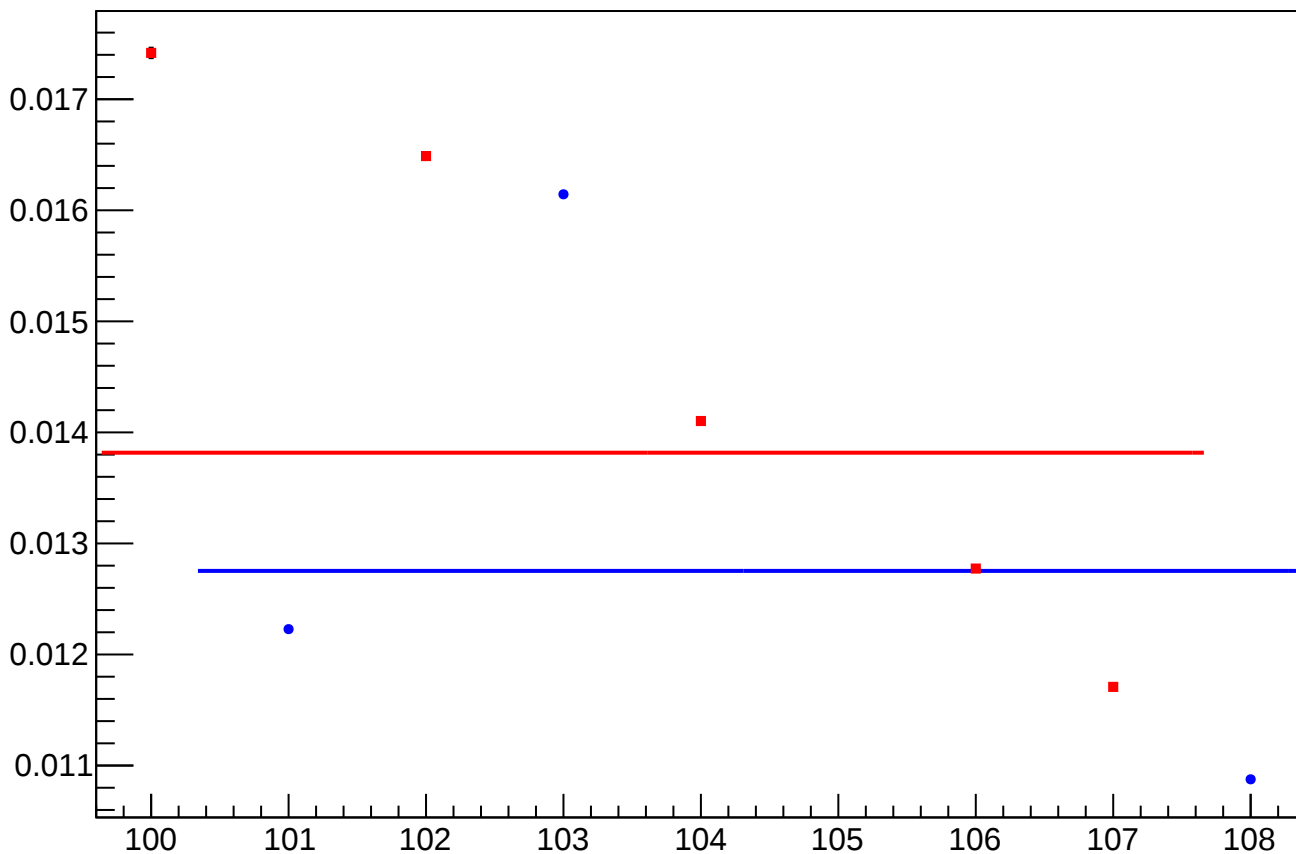
Right: 0.946 $\pm$ 0.000 χ^2 /NDF: 3073942.1/7

In: 0.950 $\pm$ 0.000 χ^2 /NDF:1789953.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.946 $\pm$ 0.000 χ^2 /NDF: 3073942.1/7

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 70143.5/2

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

Right Out: 0.014+/-0.000 χ^2/NDF : 56894.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

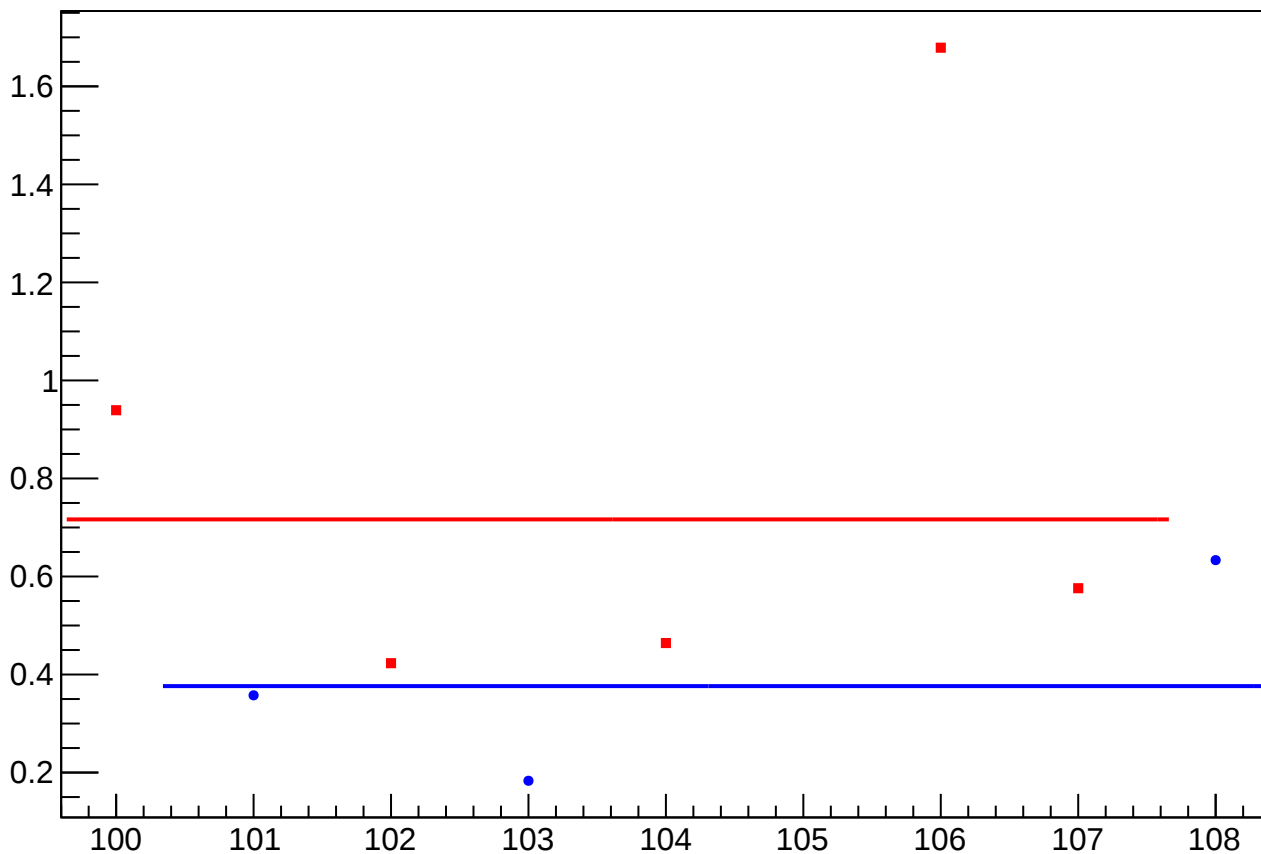
Right: 0.013+/-0.000 χ^2/NDF : 136465.0/7

In: 0.013+/-0.000 χ^2/NDF : 70143.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 136465.0/7

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.376+/-0.000 χ^2/NDF : 17878272.5/2

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

Right Out: 0.716+/-0.000 χ^2/NDF : 195790632.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

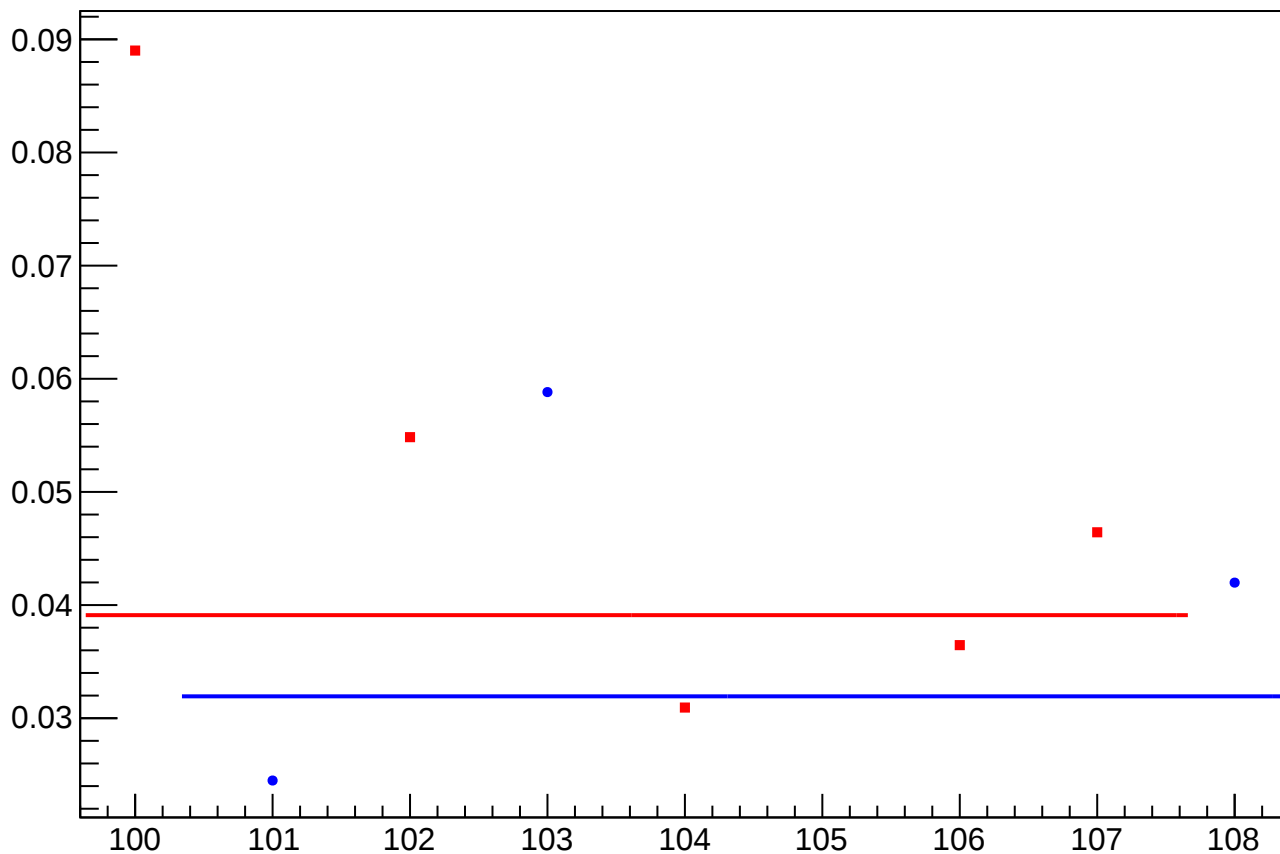
Right: 0.520+/-0.000 χ^2/NDF : 269410317.3/7

In: 0.376+/-0.000 χ^2/NDF : 17878272.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.520+/-0.000 χ^2/NDF : 269410317.3/7

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.032+/-0.000 χ^2/NDF : 353138.4/2

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

Right Out: 0.039+/-0.000 χ^2/NDF : 185093.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

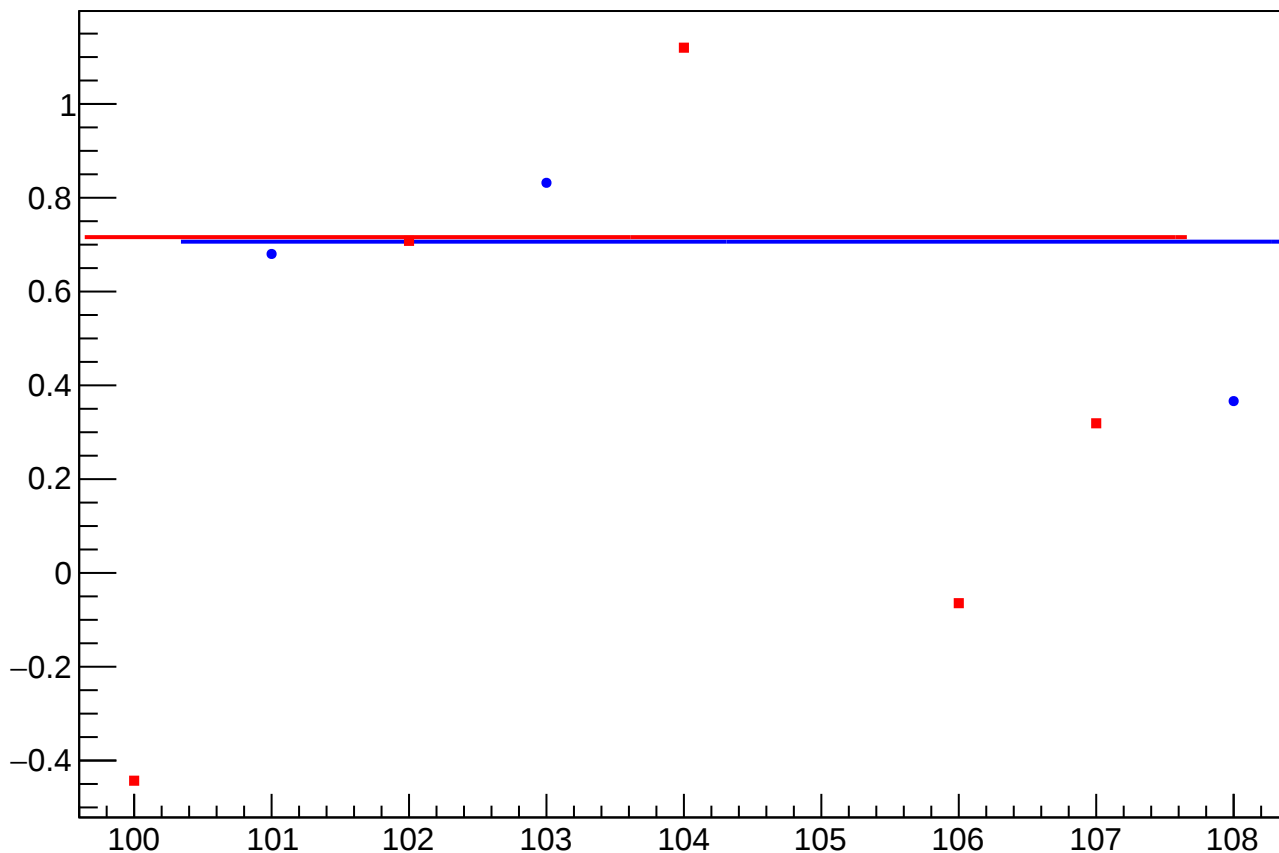
Right: 0.035+/-0.000 χ^2/NDF : 587848.7/7

In: 0.032+/-0.000 χ^2/NDF : 353138.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.000 χ^2/NDF : 587848.7/7

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.706+/-0.000 χ^2/NDF : 59694393.0/2

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

Right Out: 0.716+/-0.000 χ^2/NDF : 454637756.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

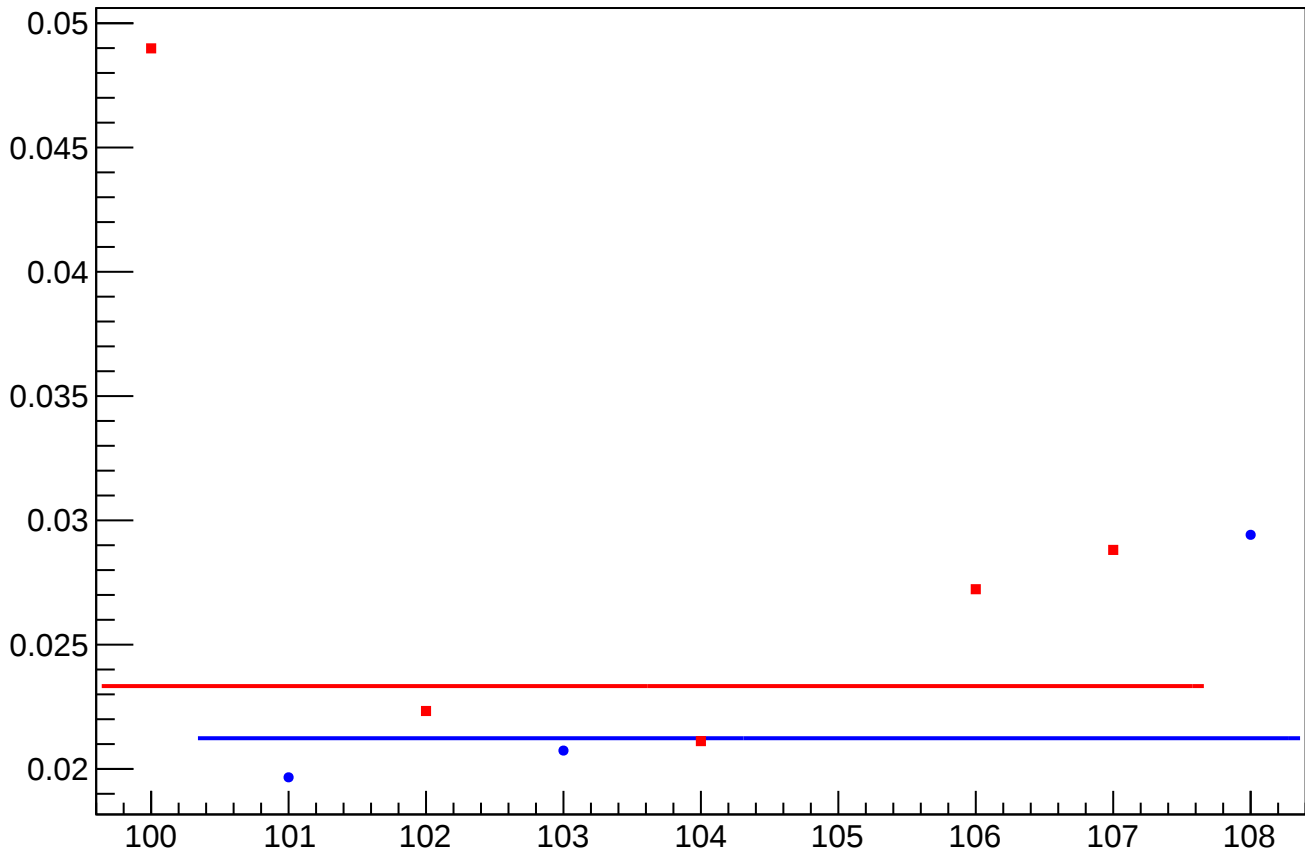
Right: 0.711+/-0.000 χ^2/NDF : 514461717.9/7

In: 0.706+/-0.000 χ^2/NDF : 59694393.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.711+/-0.000 χ^2/NDF : 514461717.9/7

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.021+/-0.000 χ^2/NDF : 53337.7/2

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

Right Out: 0.023+/-0.000 χ^2/NDF : 66235.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

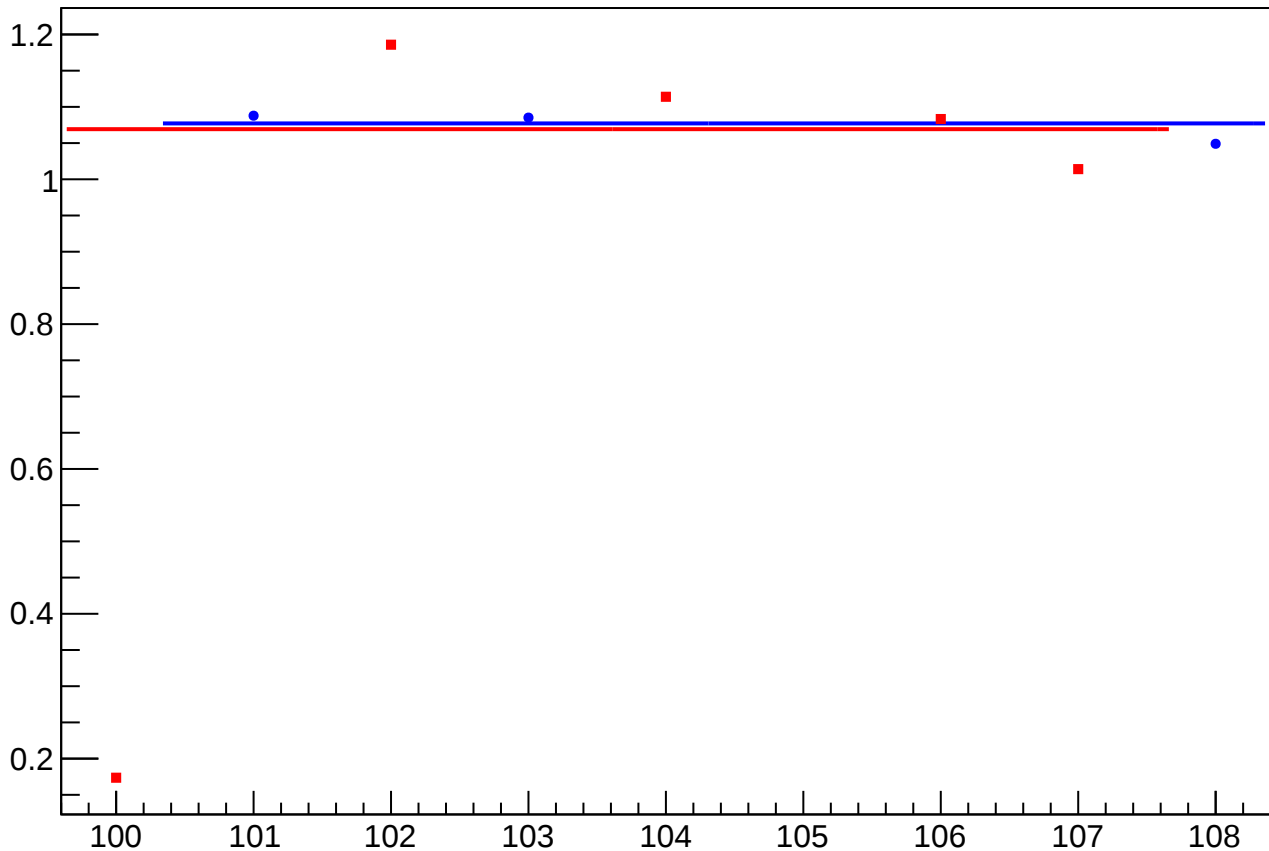
Right: 0.022+/-0.000 χ^2/NDF : 131773.7/7

In: 0.021+/-0.000 χ^2/NDF : 53337.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.000 χ^2/NDF : 131773.7/7

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 1.077+/-0.000 χ^2/NDF : 1067471.0/2

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

Right Out: 1.069+/-0.000 χ^2/NDF : 78475194.9/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

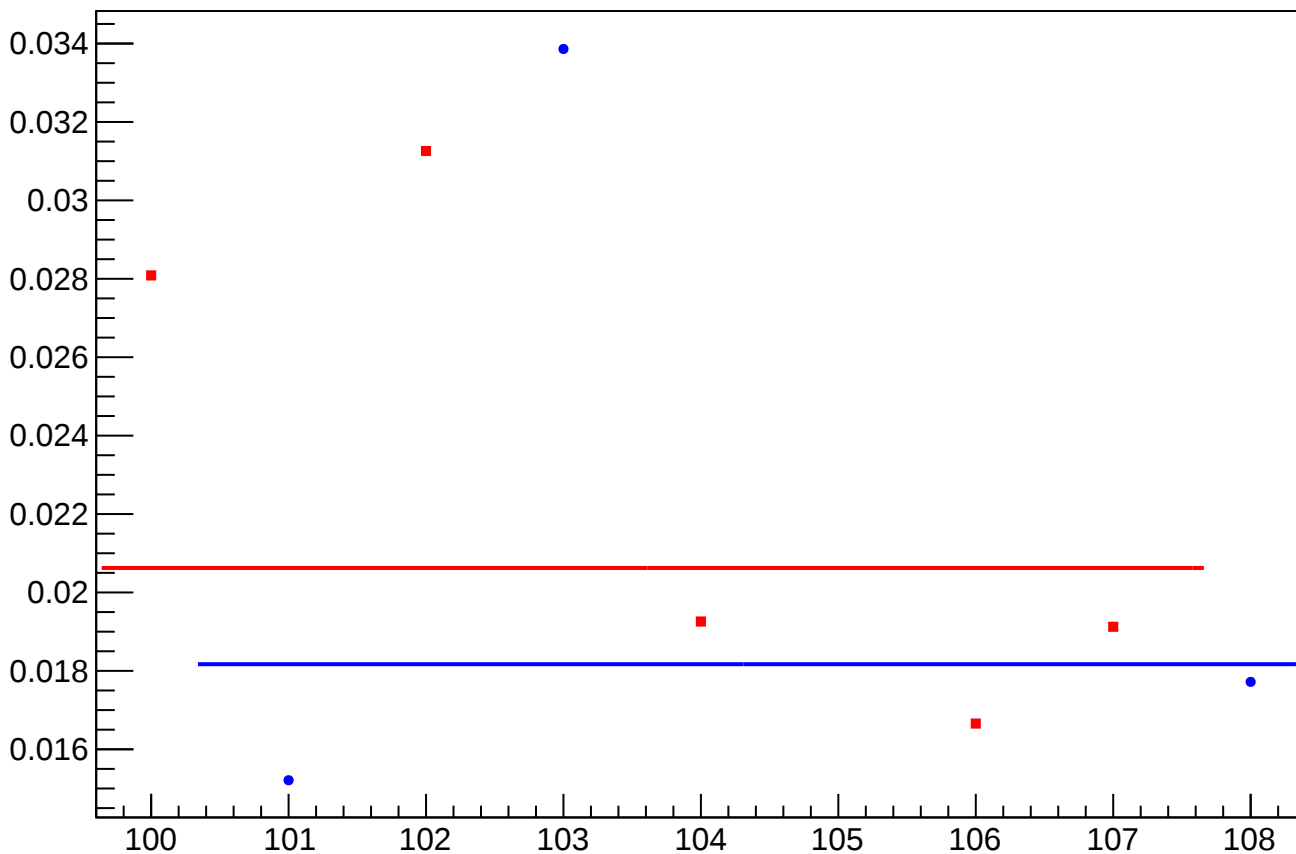
Right: 1.073+/-0.000 χ^2/NDF : 79651050.9/7

In: 1.077+/-0.000 χ^2/NDF :1067471.0/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.073+/-0.000 χ^2/NDF : 79651050.9/7

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 263948.7/2

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

Right Out: 0.021+/-0.000 χ^2/NDF : 154480.6/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

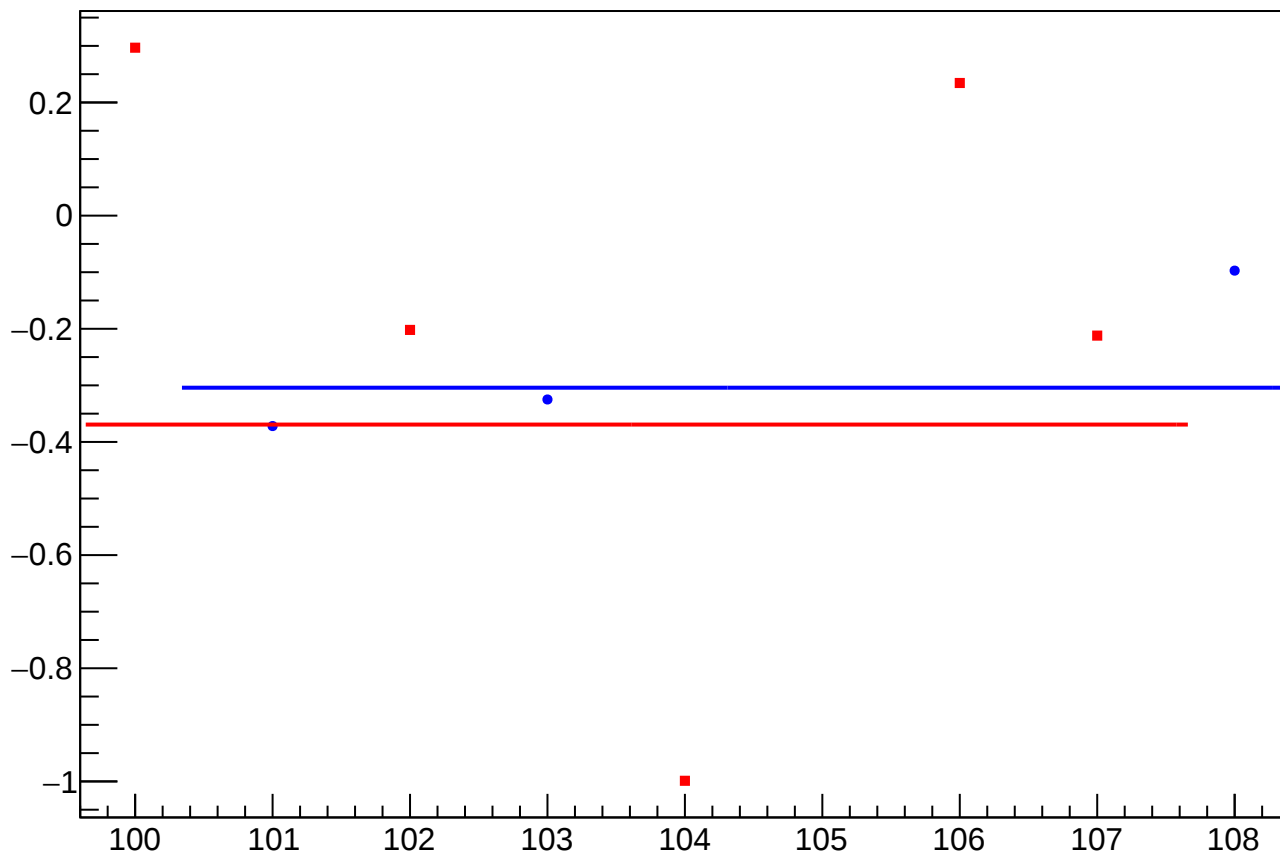
Right: 0.019+/-0.000 χ^2/NDF : 439174.2/7

In: 0.018+/-0.000 χ^2/NDF :263948.7/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.019+/-0.000 χ^2/NDF : 439174.2/7

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.304+/-0.000 χ^2/NDF : 34283347.5/2

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

Right Out: -0.369+/-0.000 χ^2/NDF : 1106322539.6/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

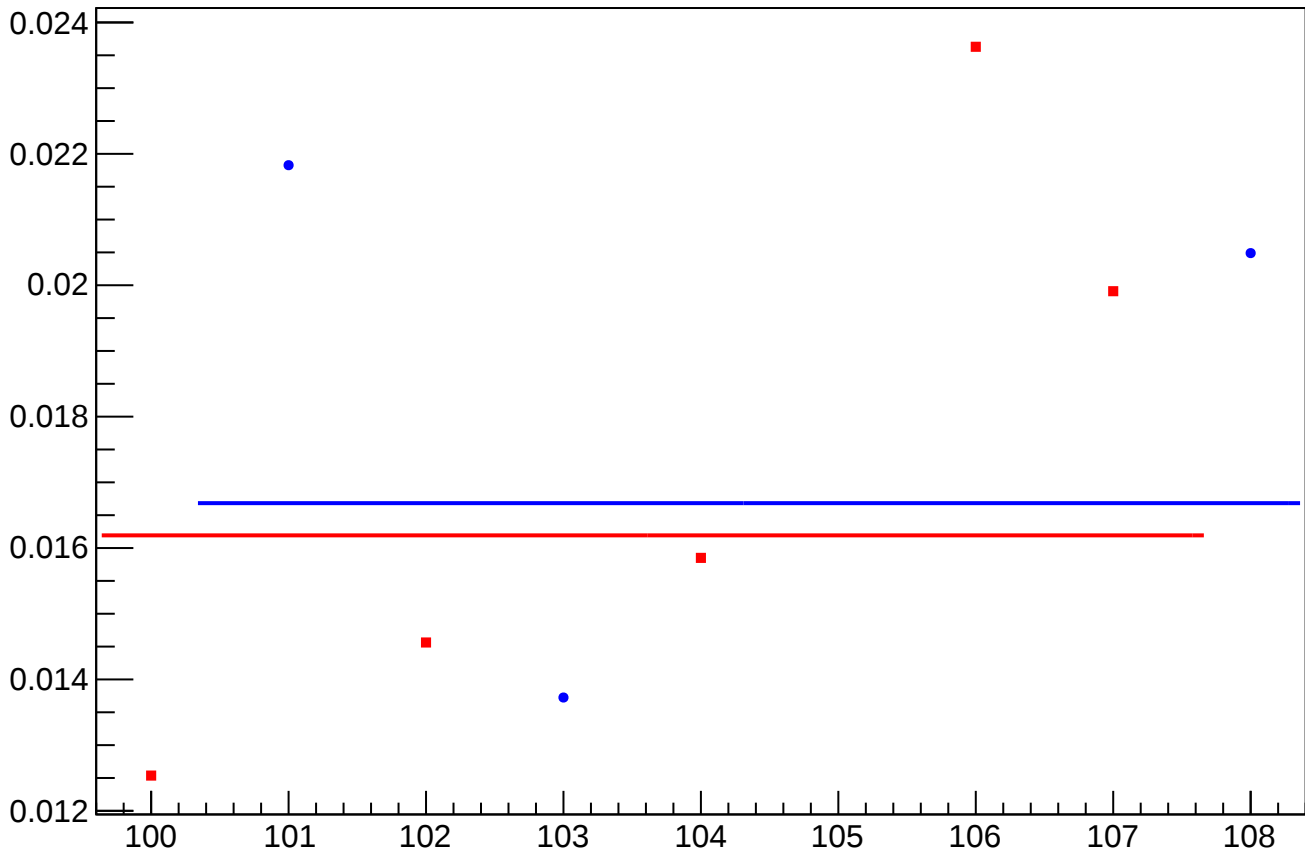
Right: -0.339+/-0.000 χ^2/NDF : 1151109271.1/7

In: -0.304+/-0.000 χ^2/NDF :34283347.5/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.339+/-0.000 χ^2/NDF : 1151109271.1/7

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 127601.3/2

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

Right Out: 0.016+/-0.000 χ^2/NDF : 93675.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

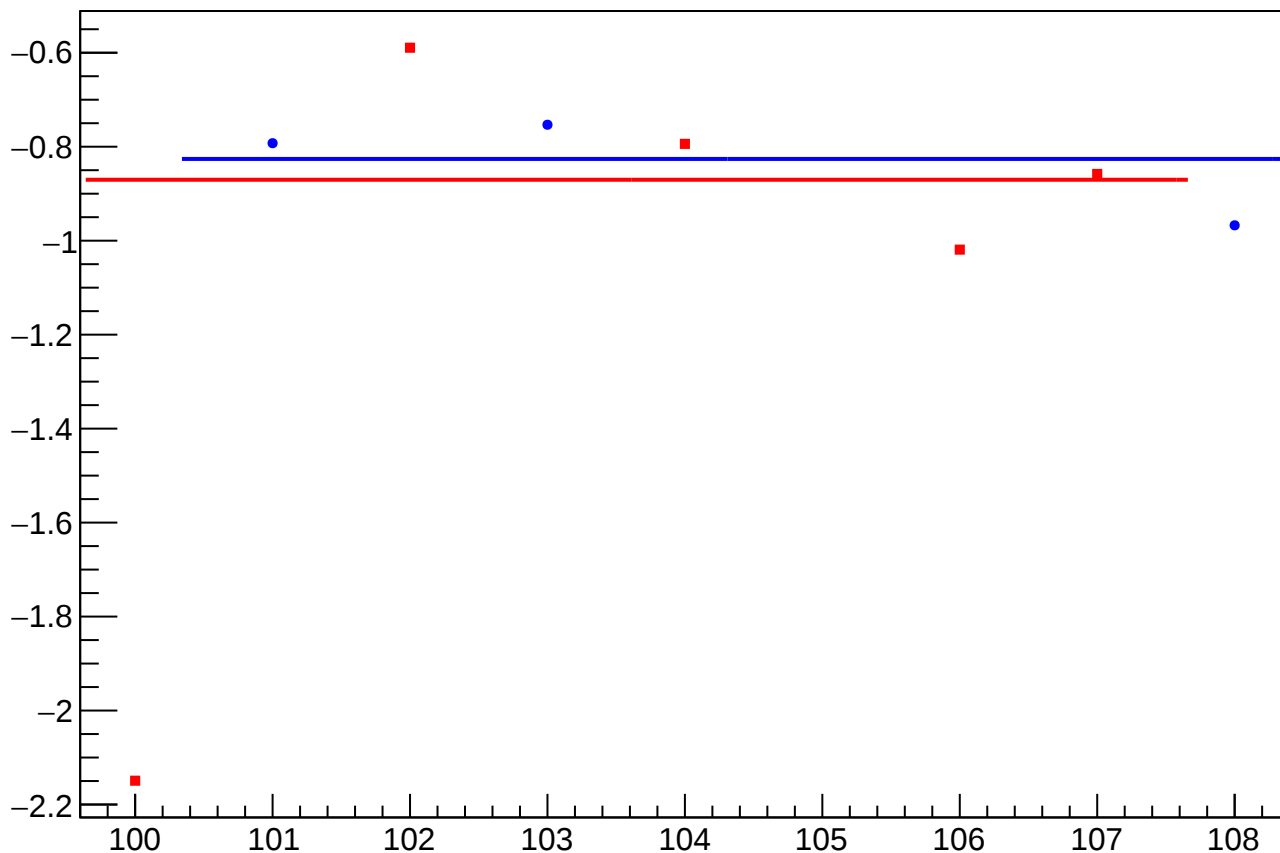
Right: 0.016+/-0.000 χ^2/NDF : 222465.9/7

In: 0.017+/-0.000 χ^2/NDF : 127601.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 222465.9/7

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.826+/-0.000 χ^2/NDF : 5197162.0/2

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

Right Out: -0.870+/-0.000 χ^2/NDF : 51449546.3/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

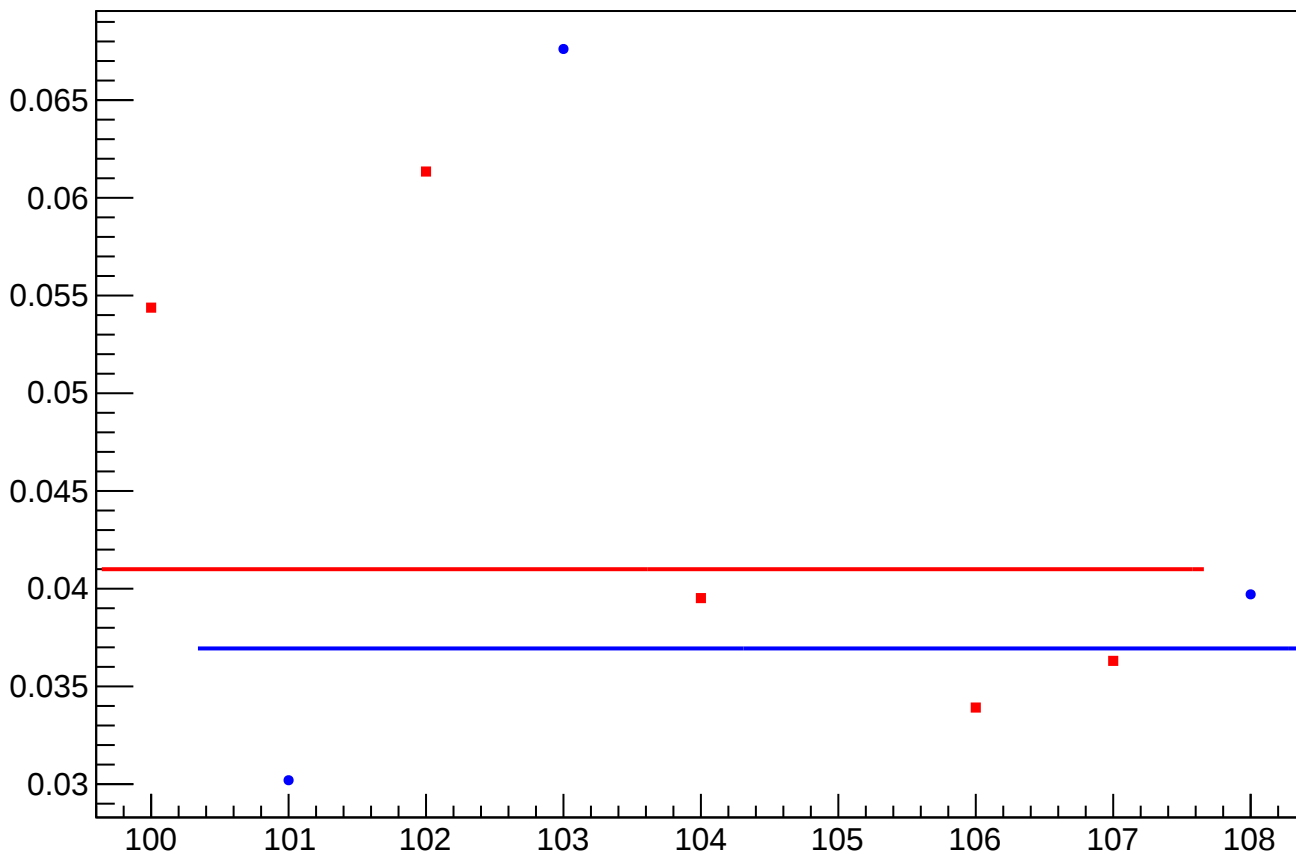
Right: -0.847+/-0.000 χ^2/NDF : 57494224.5/7

In: -0.826+/-0.000 χ^2/NDF :5197162.0/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.847+/-0.000 χ^2/NDF : 57494224.5/7

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.037+/-0.000 χ^2/NDF : 267243.5/2

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

Right Out: 0.041+/-0.000 χ^2/NDF : 144143.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

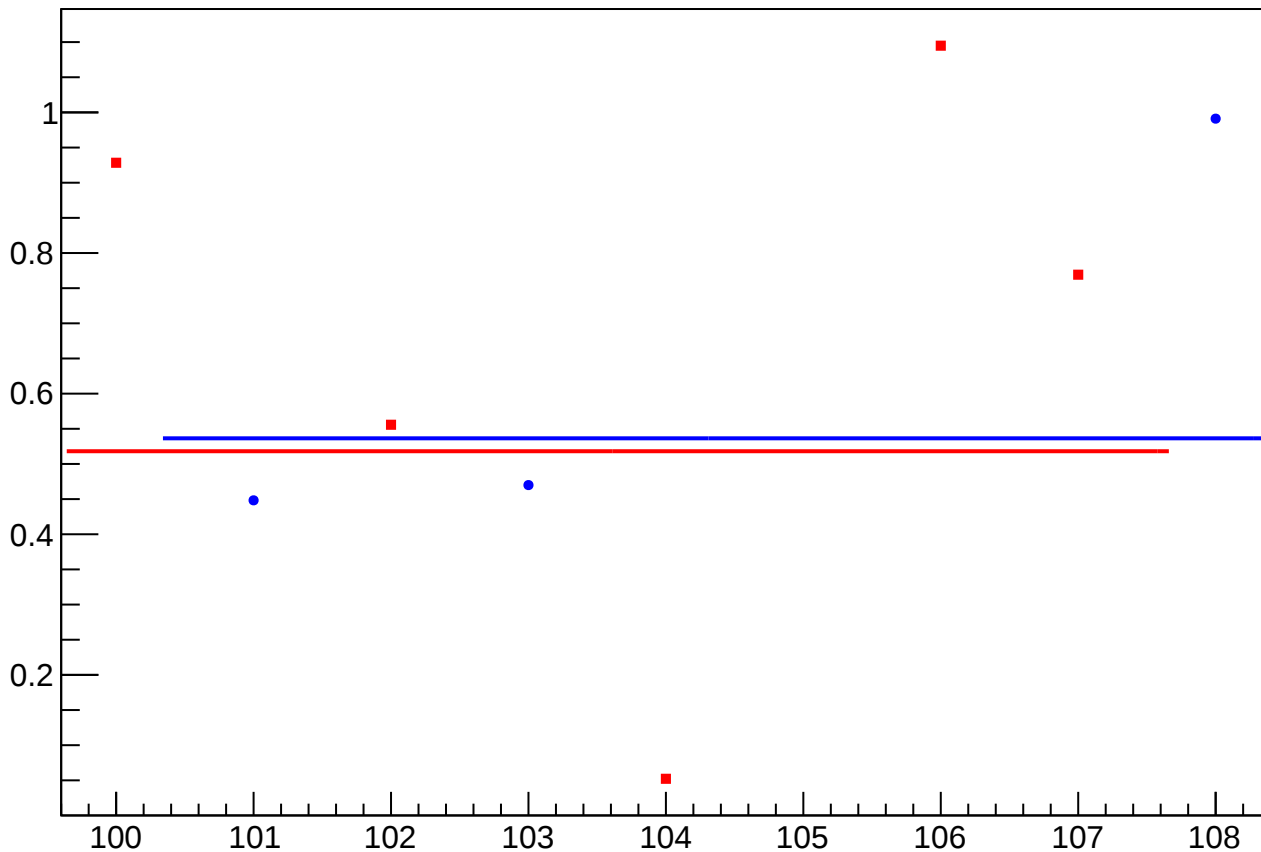
Right: 0.039+/-0.000 χ^2/NDF : 425582.1/7

In: 0.037+/-0.000 χ^2/NDF : 267243.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.039+/-0.000 χ^2/NDF : 425582.1/7

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.536+/-0.000 χ^2/NDF : 288943639.5/2

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

Right Out: 0.518+/-0.000 χ^2/NDF : 1179038428.0/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

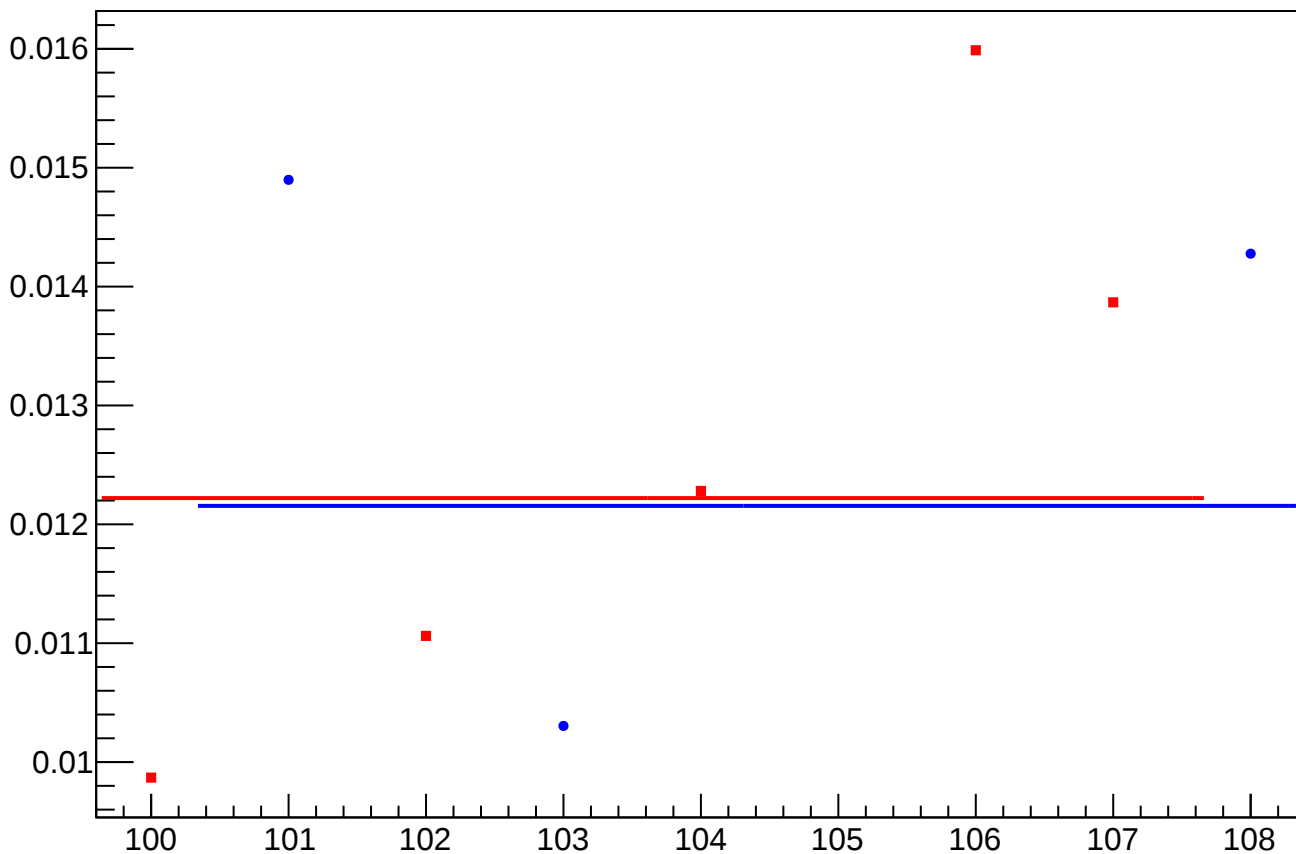
Right: 0.527+/-0.000 χ^2/NDF : 1469523925.4/7

In: 0.536+/-0.000 χ^2/NDF :288943639.5/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.527+/-0.000 χ^2/NDF : 1469523925.4/7

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 81496.2/2

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

Right Out: 0.012+/-0.000 χ^2/NDF : 54741.9/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

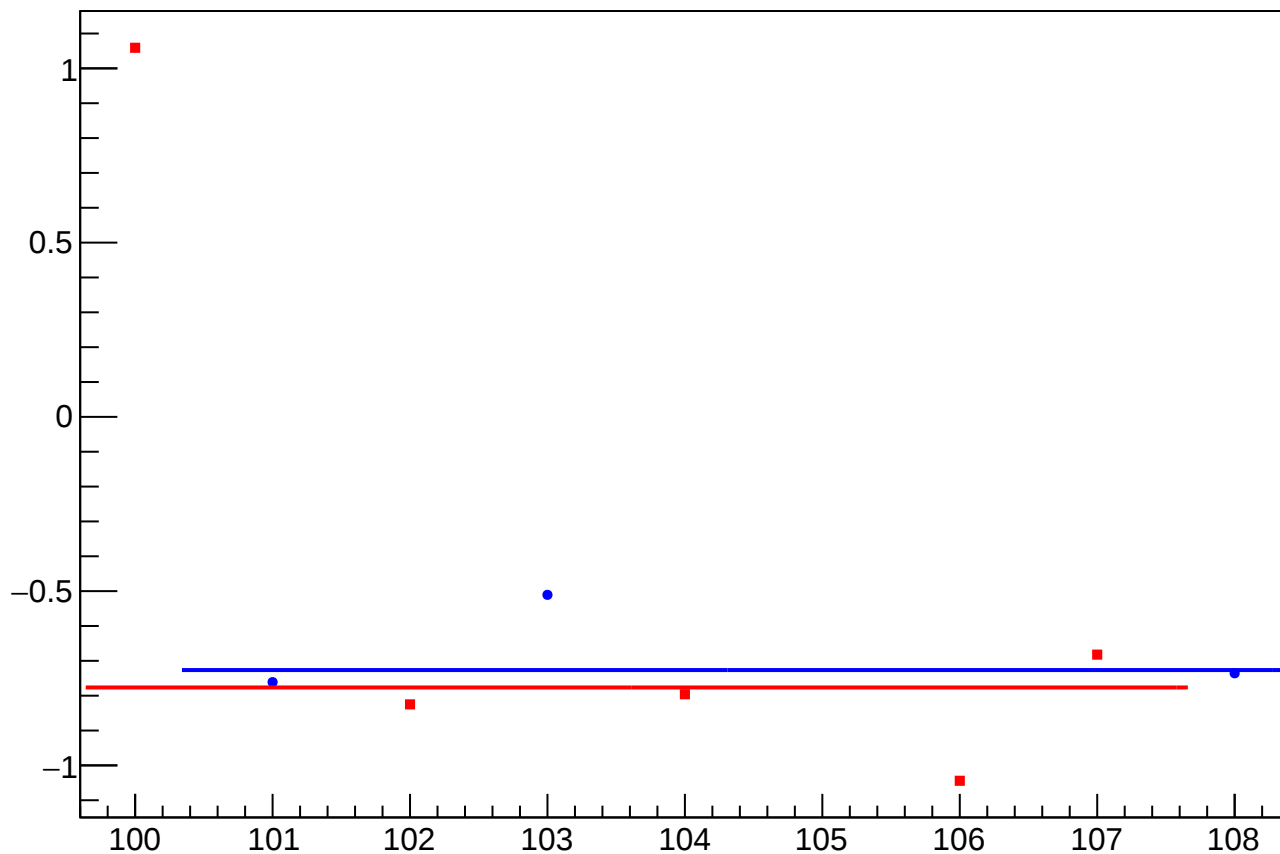
Right: 0.012+/-0.000 χ^2/NDF : 136277.3/7

In: 0.012+/-0.000 χ^2/NDF :81496.2/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 136277.3/7

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.726+/-0.000 χ^2/NDF : 5943153.2/2

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

Right Out: -0.776+/-0.000 χ^2/NDF : 61738628.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

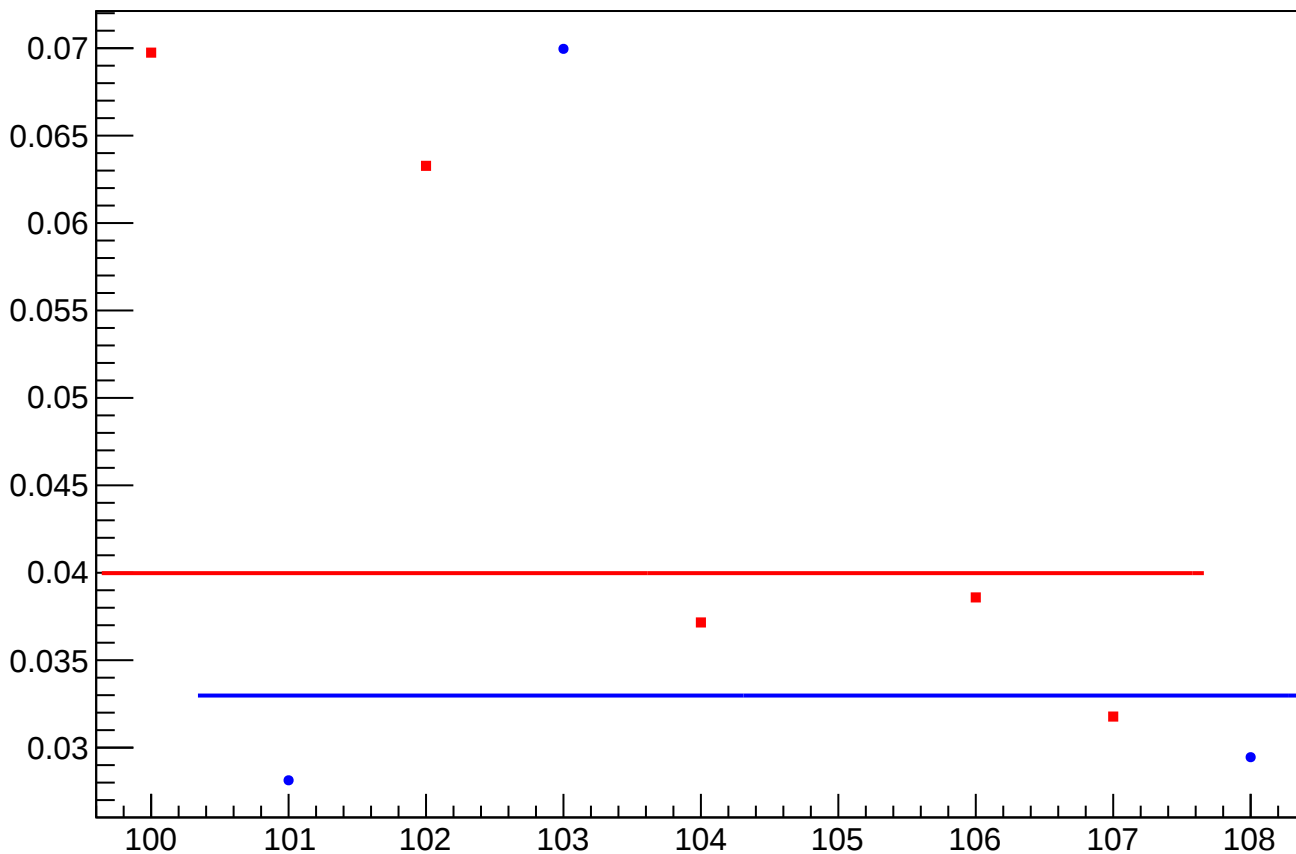
Right: -0.748+/-0.000 χ^2/NDF : 68839311.5/7

In: -0.726+/-0.000 χ^2/NDF : 5943153.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.748+/-0.000 χ^2/NDF : 68839311.5/7

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.033+/-0.000 χ^2/NDF : 341556.1/2

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

Right Out: 0.040+/-0.000 χ^2/NDF : 195126.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

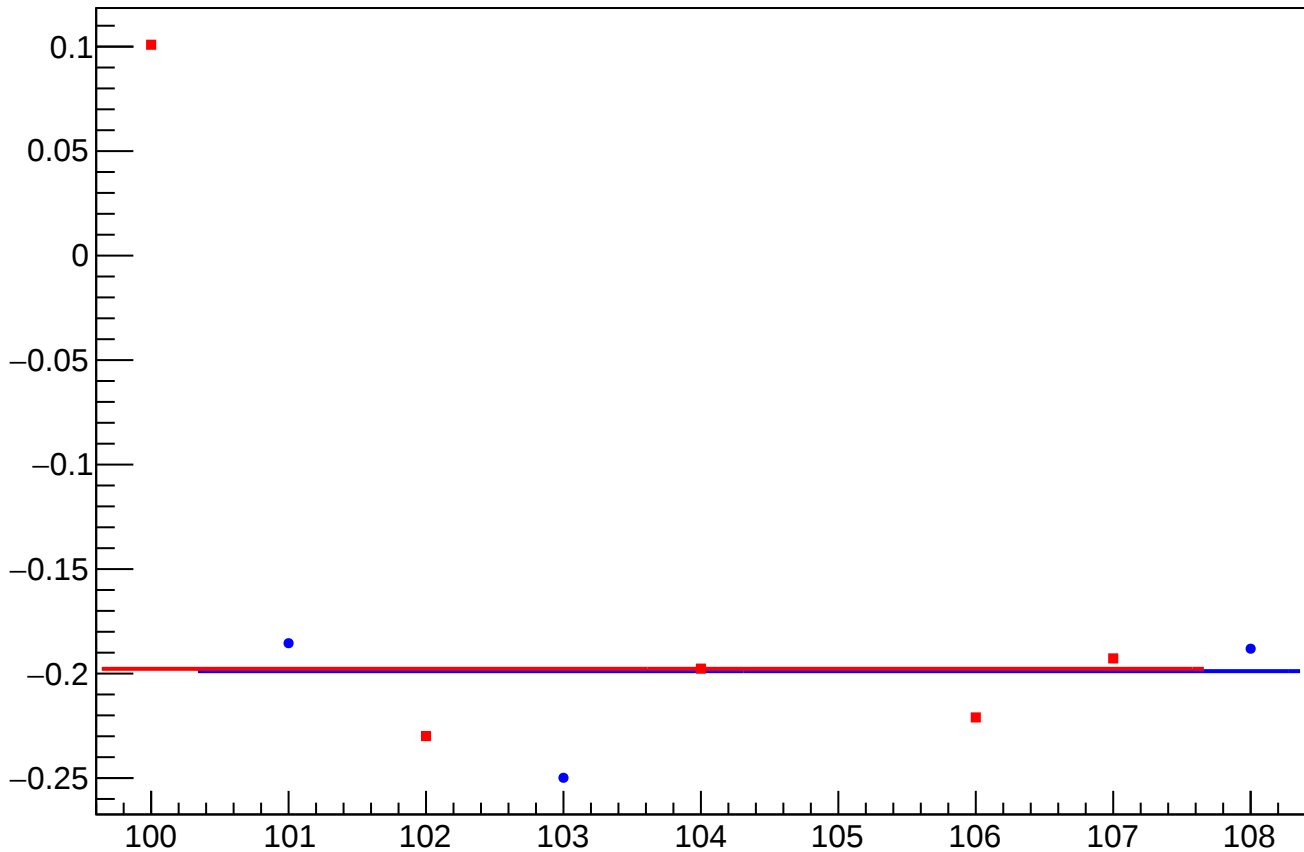
Right: 0.036+/-0.000 χ^2/NDF : 582146.0/7

In: 0.033+/-0.000 χ^2/NDF : 341556.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.036+/-0.000 χ^2/NDF : 582146.0/7

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.199+/-0.000 χ^2/NDF : 33072339.2/2

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

Right Out: -0.198+/-0.000 χ^2/NDF : 127985816.5/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

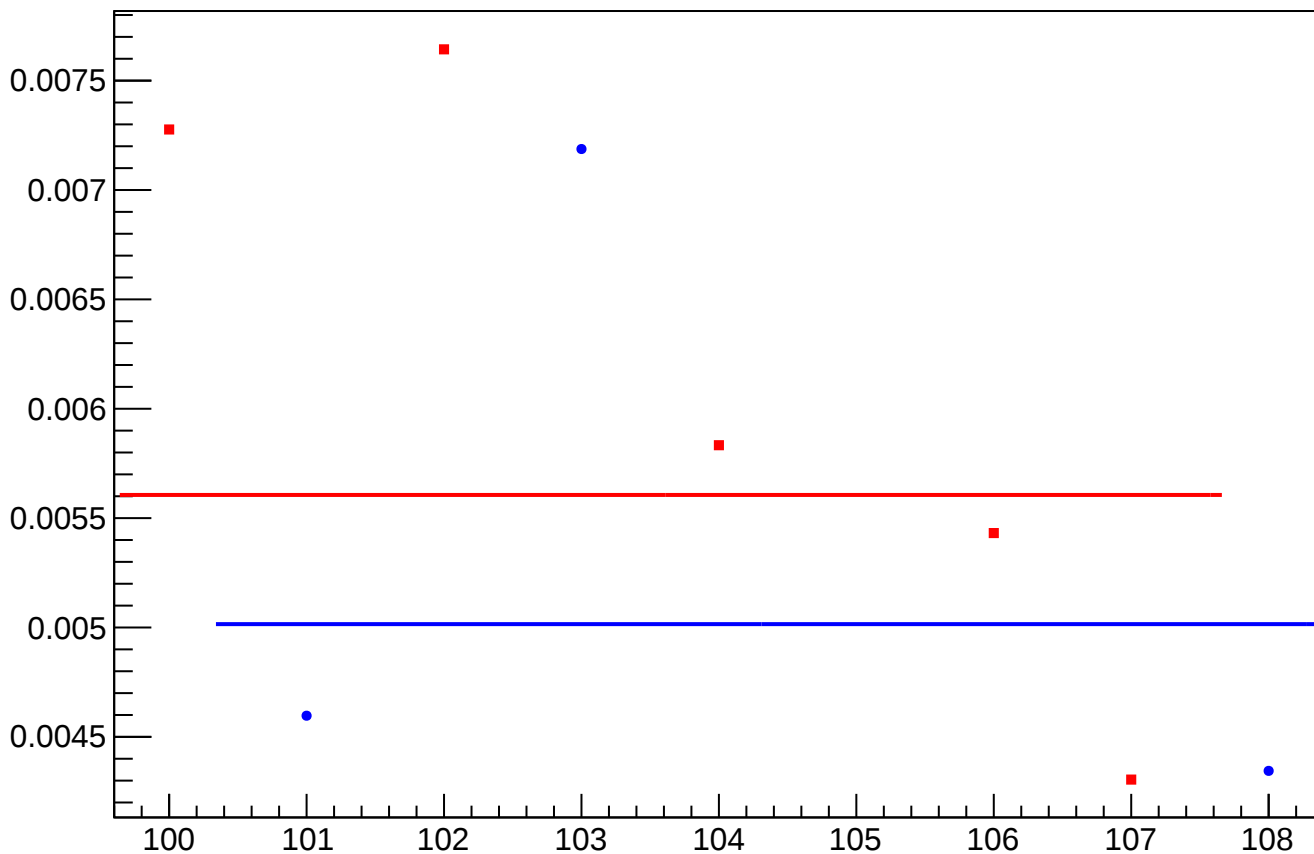
Right: -0.198+/-0.000 χ^2/NDF : 161088633.3/7

In: -0.199+/-0.000 χ^2/NDF :33072339.2/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.198+/-0.000 χ^2/NDF : 161088633.3/7

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 120909.8/2

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

Right Out: 0.006+/-0.000 χ^2/NDF : 135649.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

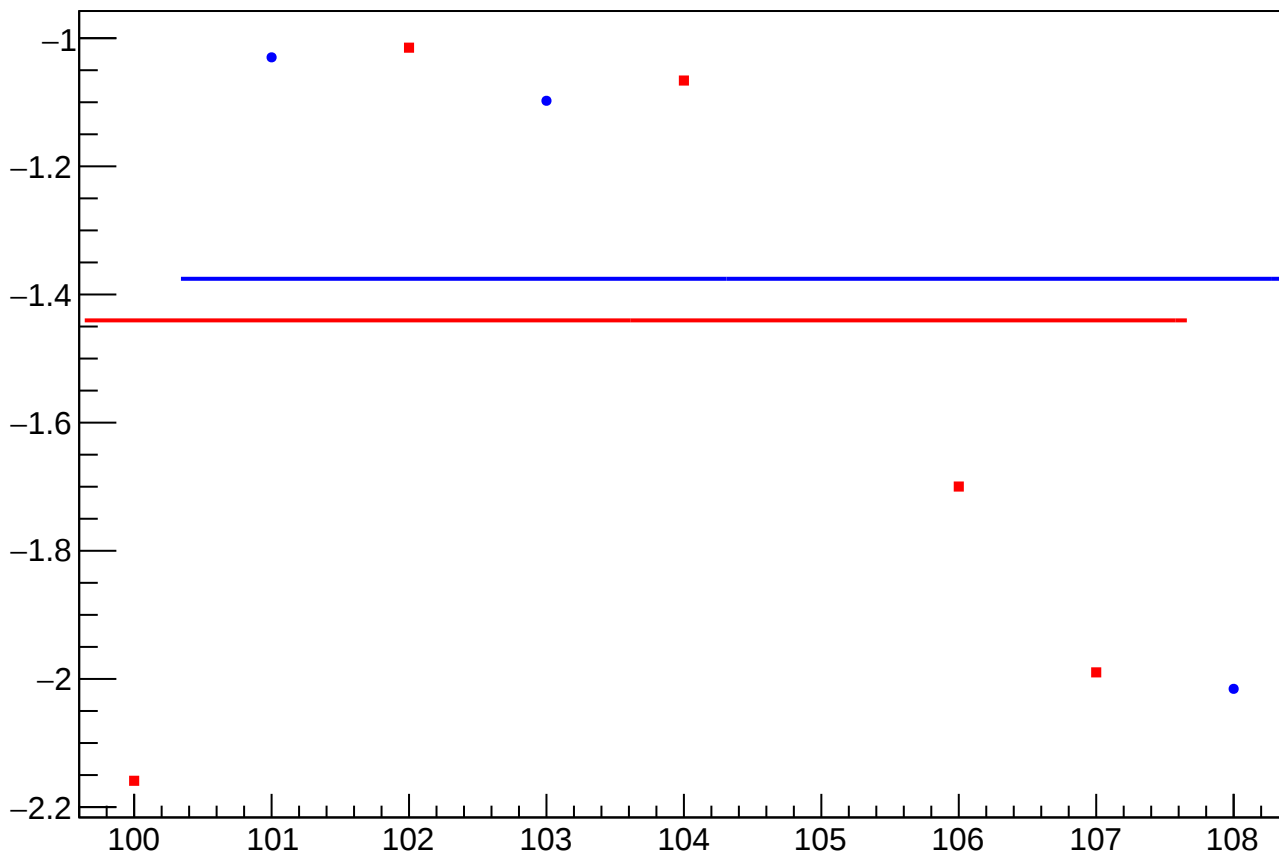
Right: 0.005+/-0.000 χ^2/NDF : 273972.2/7

In: 0.005+/-0.000 χ^2/NDF : 120909.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 273972.2/7

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.376+/-0.000 χ^2/NDF : 6370747696.5/2

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

Right Out: -1.440+/-0.000 χ^2/NDF : 7231101631.1/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

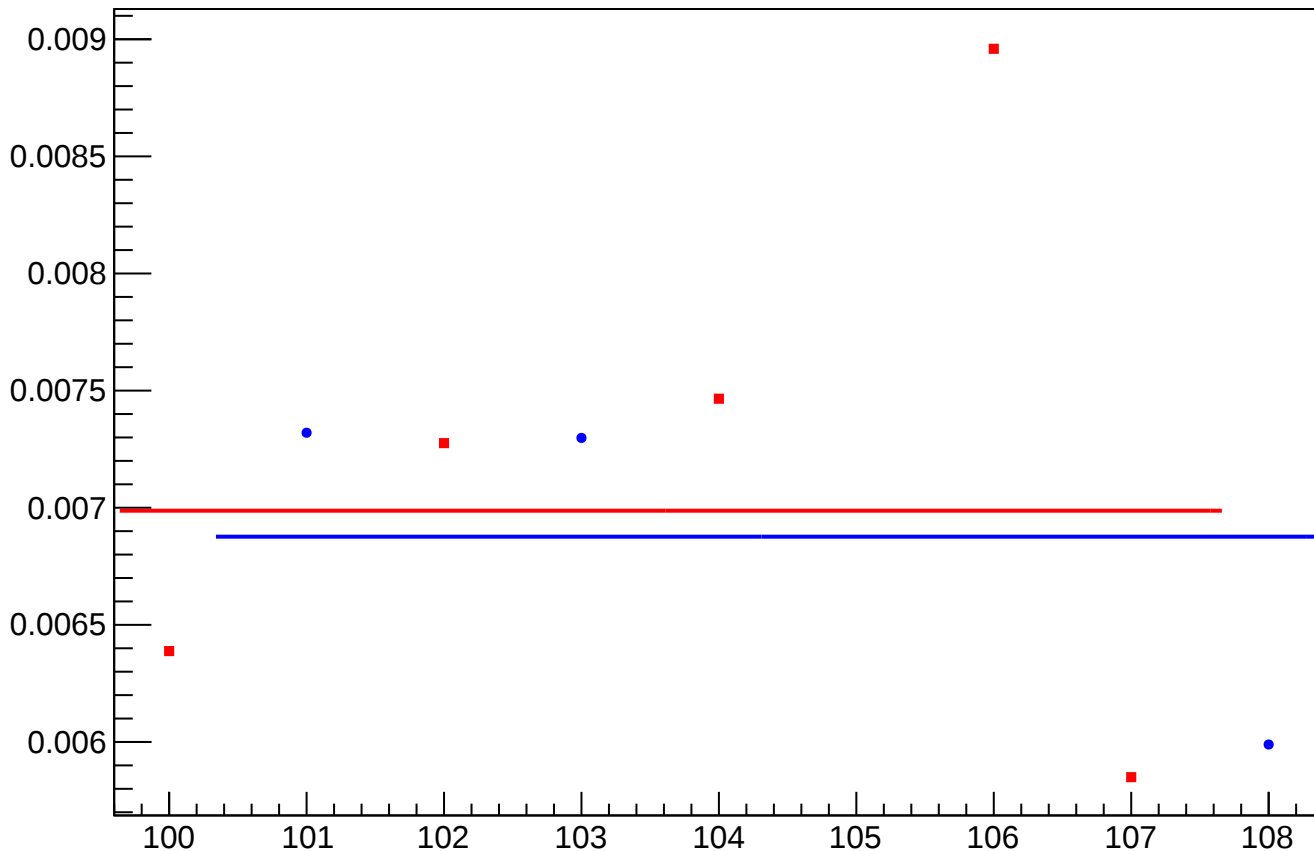
Right: -1.409+/-0.000 χ^2/NDF : 13670723565.9/7

In: -1.376+/-0.000 χ^2/NDF :6370747696.5/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.409+/-0.000 χ^2/NDF : 13670723565.9/7

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 24404.7/2

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

Right Out: 0.007+/-0.000 χ^2/NDF : 55368.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

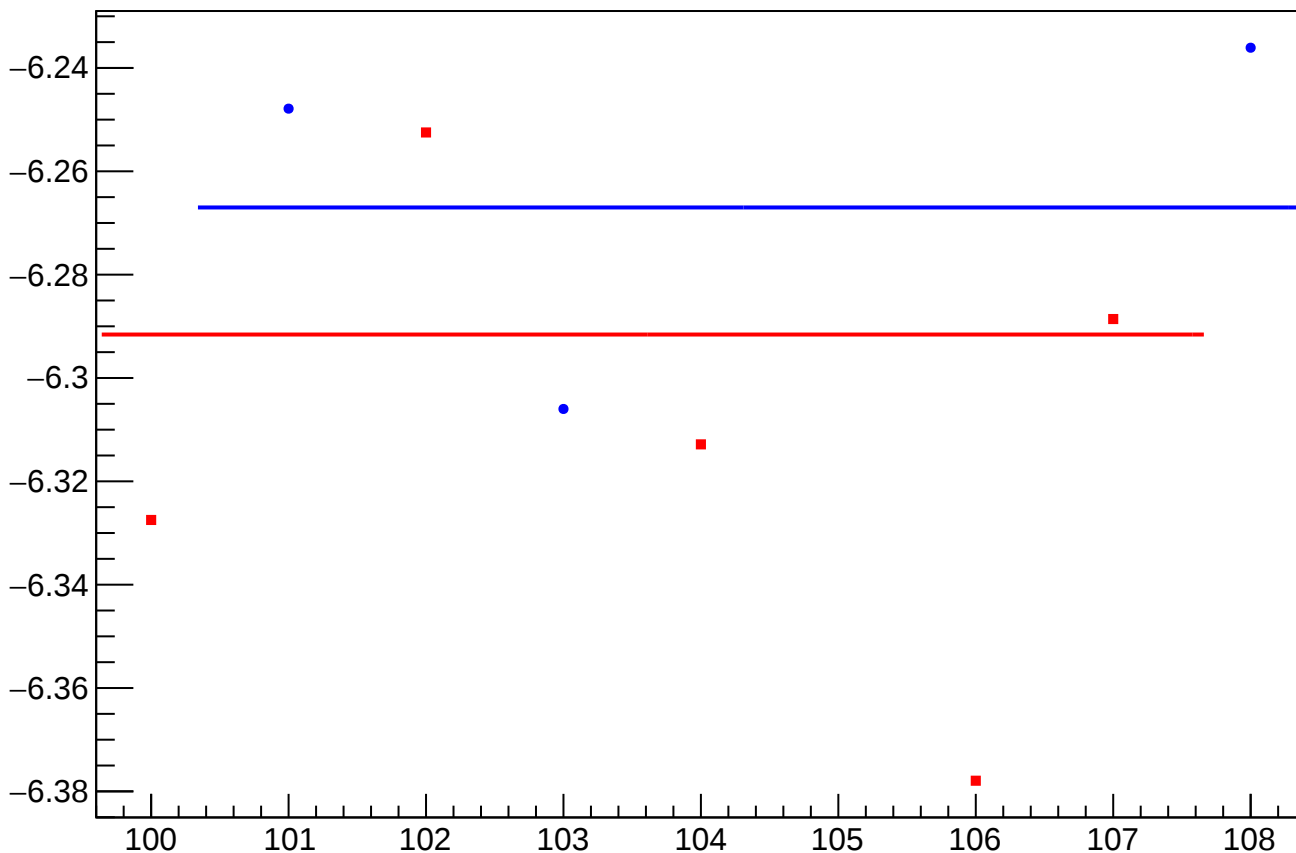
Right: 0.007+/-0.000 χ^2/NDF : 80175.4/7

In: 0.007+/-0.000 χ^2/NDF : 24404.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 80175.4/7

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -6.267+/-0.000 χ^2/NDF : 48177771.6/2

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

Right Out: -6.292+/-0.000 χ^2/NDF : 74214940.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

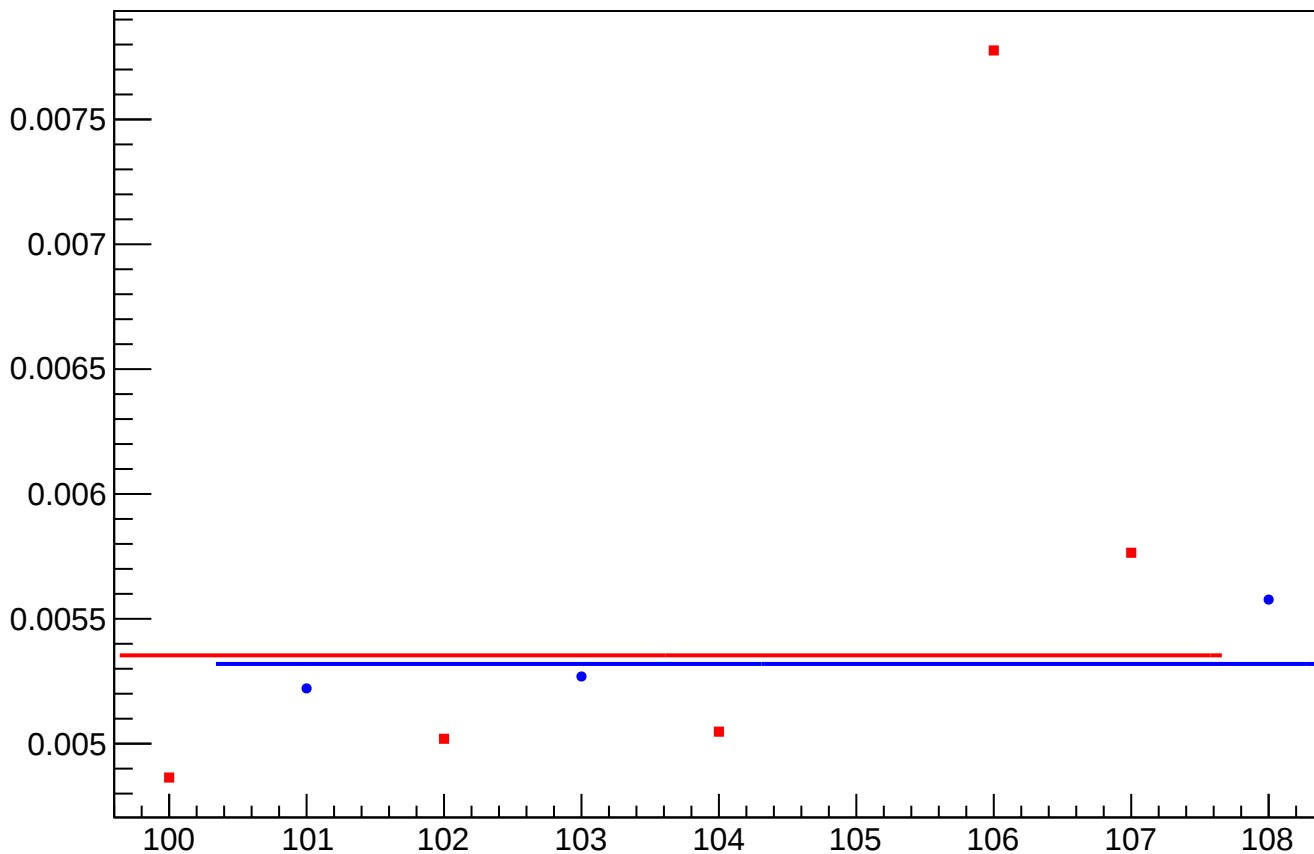
Right: -6.280+/-0.000 χ^2/NDF : 138726805.6/7

In: -6.267+/-0.000 χ^2/NDF : 48177771.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.280+/-0.000 χ^2/NDF : 138726805.6/7

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 2042.4/2

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

Right Out: 0.005+/-0.000 χ^2/NDF : 60432.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

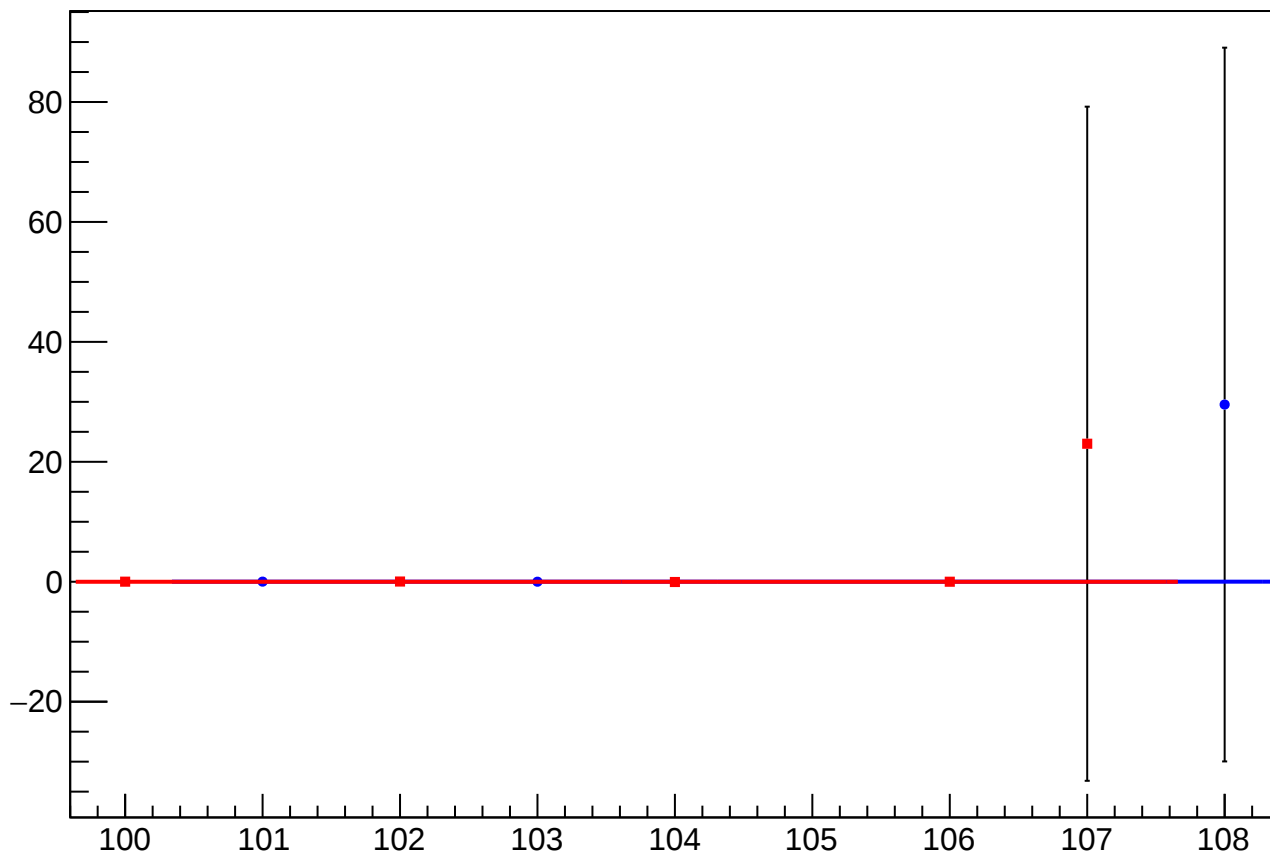
Right: 0.005+/-0.000 χ^2/NDF : 62538.6/7

In: 0.005+/-0.000 χ^2/NDF : 2042.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 62538.6/7

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.017 χ^2 /NDF: 0.4/2

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

Right Out: -0.003 $\pm$ 0.016 χ^2 /NDF: 5.0/4

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

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

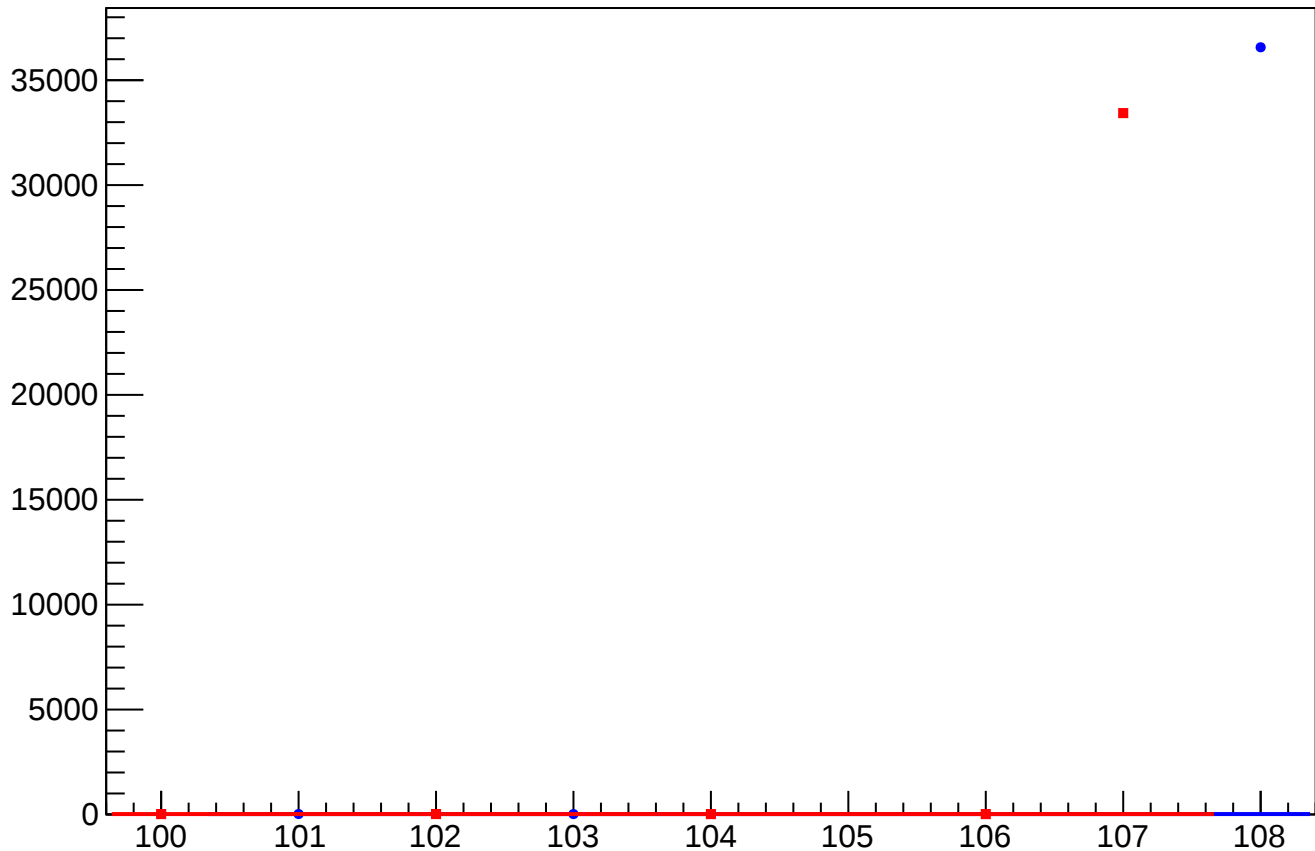
Right: 0.004 $\pm$ 0.012 χ^2 /NDF: 5.9/7

In: 0.013 $\pm$ 0.017 χ^2 /NDF: 0.4/2

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

All: 0.004 $\pm$ 0.012 χ^2 /NDF: 5.9/7

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 18.563+/-0.012 χ^2/NDF : 766284.2/2

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

Right Out: 18.245+/-0.011 χ^2/NDF : 719353.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

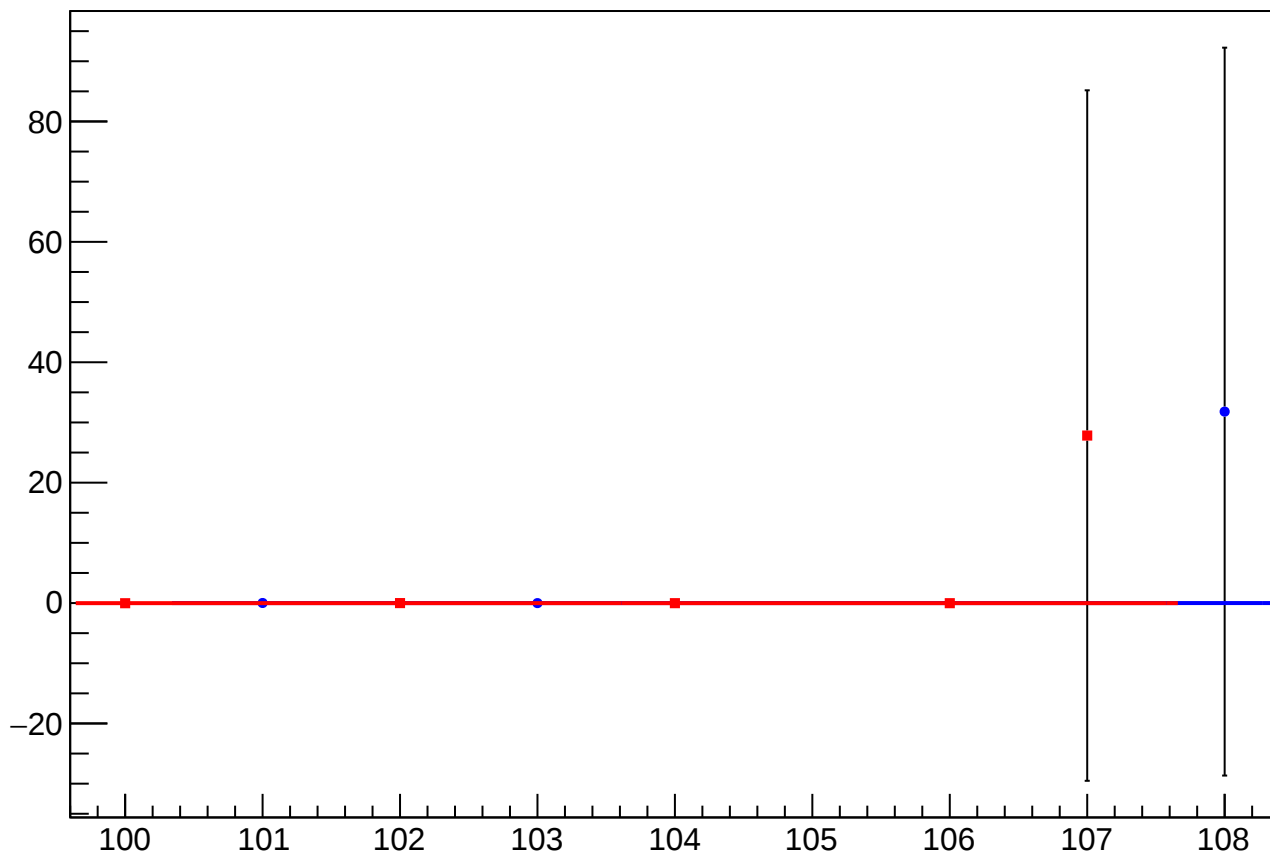
Right: 18.392+/-0.008 χ^2/NDF : 1486001.1/7

In: 18.563+/-0.012 χ^2/NDF : 766284.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.392+/-0.008 χ^2/NDF : 1486001.1/7

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.009 χ^2/NDF : 1.4/2

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

Right Out: -0.014+/-0.009 χ^2/NDF : 0.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

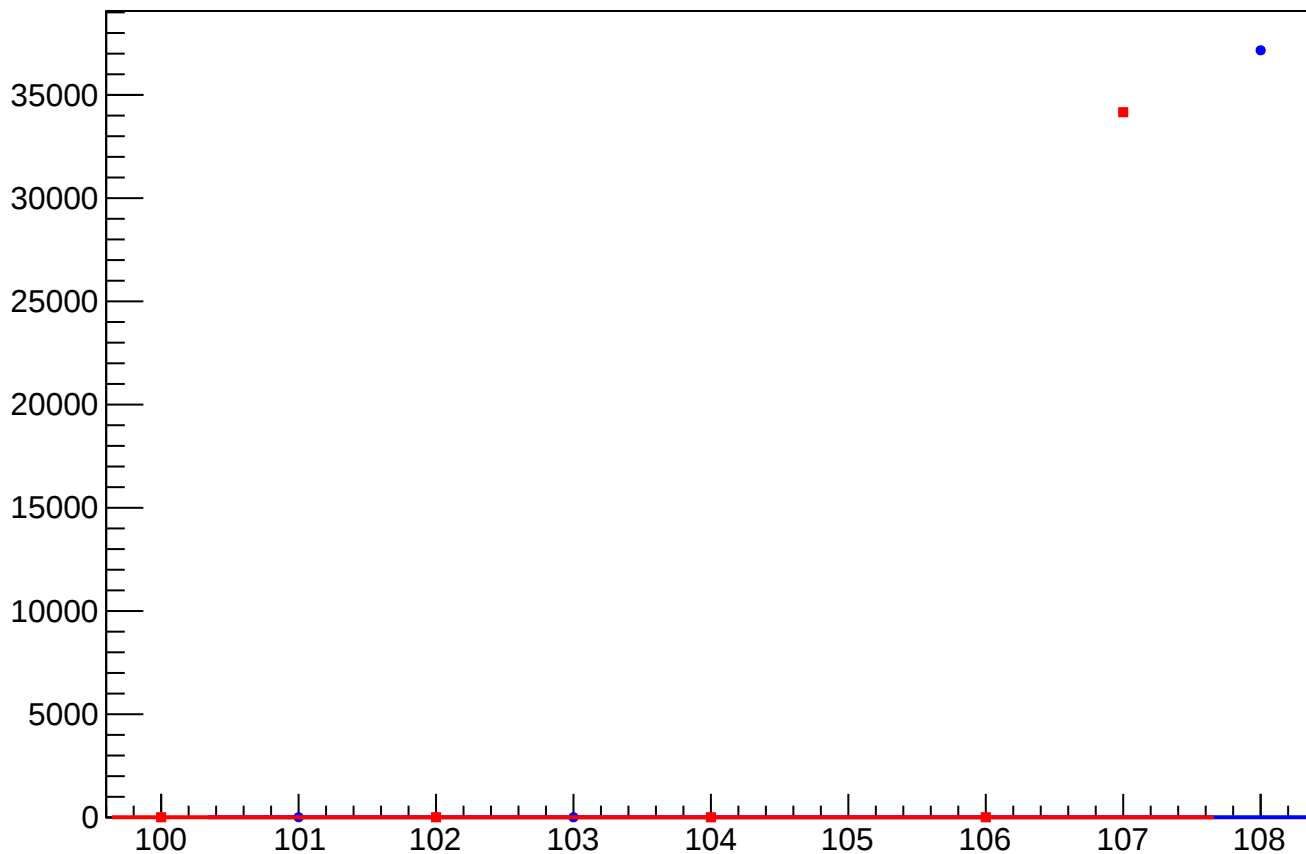
Right: -0.007+/-0.006 χ^2/NDF : 3.7/7

In: 0.001+/-0.009 χ^2/NDF : 1.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.006 χ^2/NDF : 3.7/7

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 9.856+/-0.007 χ^2/NDF : 766266.3/2

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

Right Out: 9.781+/-0.006 χ^2/NDF : 723288.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

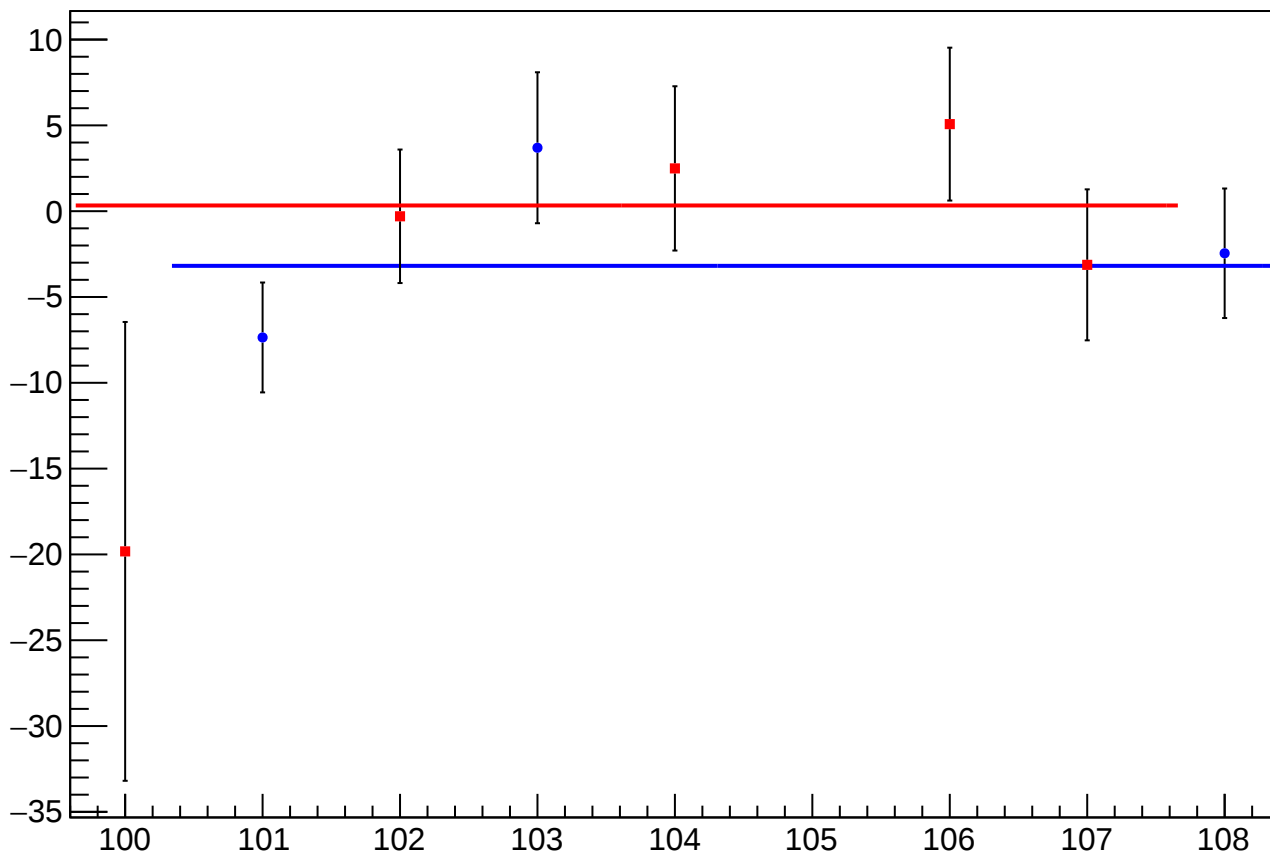
Right: 9.816+/-0.004 χ^2/NDF : 1489624.6/7

In: 9.856+/-0.007 χ^2/NDF : 766266.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.816+/-0.004 χ^2/NDF : 1489624.6/7

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -3.185+/-2.135 χ^2/NDF : 4.2/2

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

Right Out: 0.333+/-2.145 χ^2/NDF : 4.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

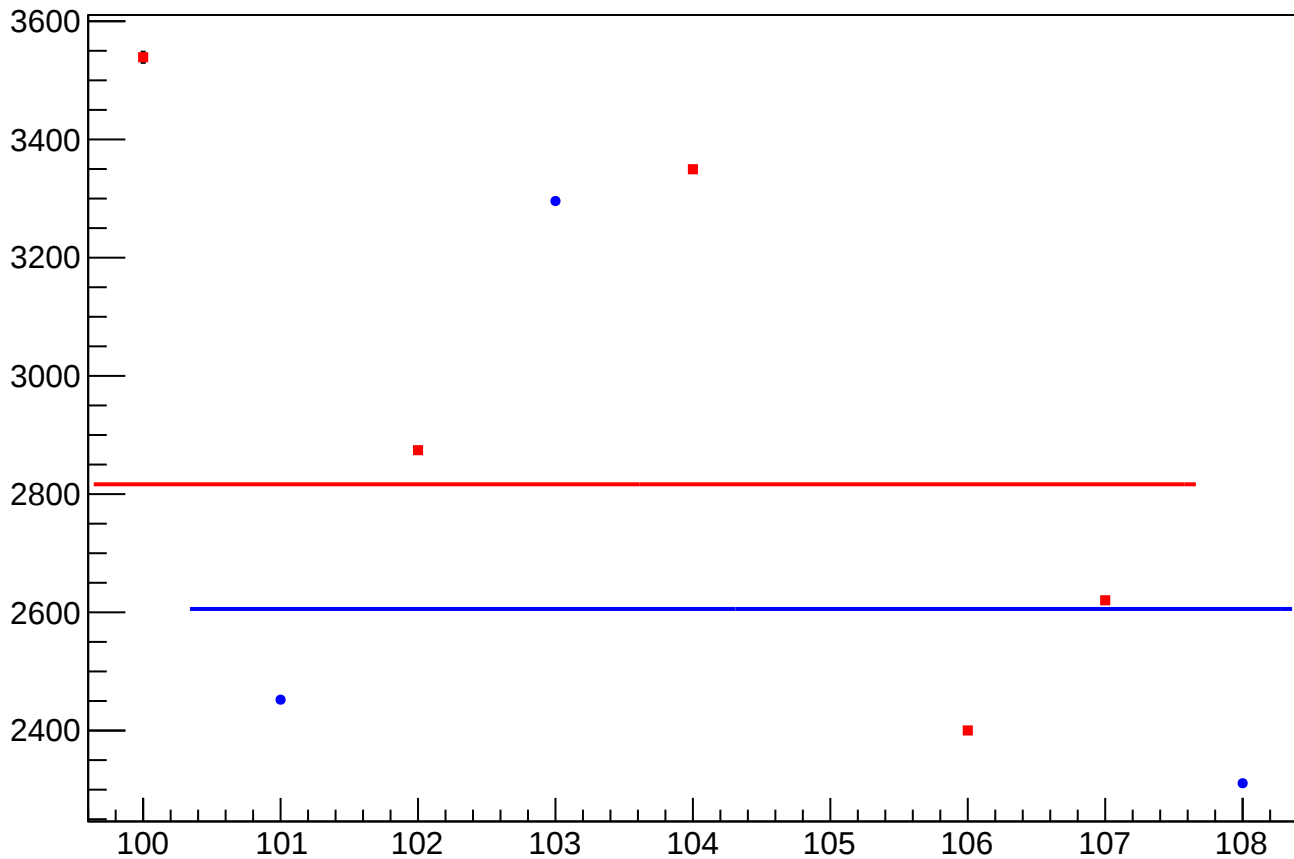
Right: -1.435+/-1.513 χ^2/NDF : 9.8/7

In: -3.185+/-2.135 χ^2/NDF : 4.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.435+/-1.513 χ^2/NDF : 9.8/7

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 2605.711+/-1.509 χ^2/NDF : 66044.2/2

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

Right Out: 2816.597+/-1.517 χ^2/NDF : 52542.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

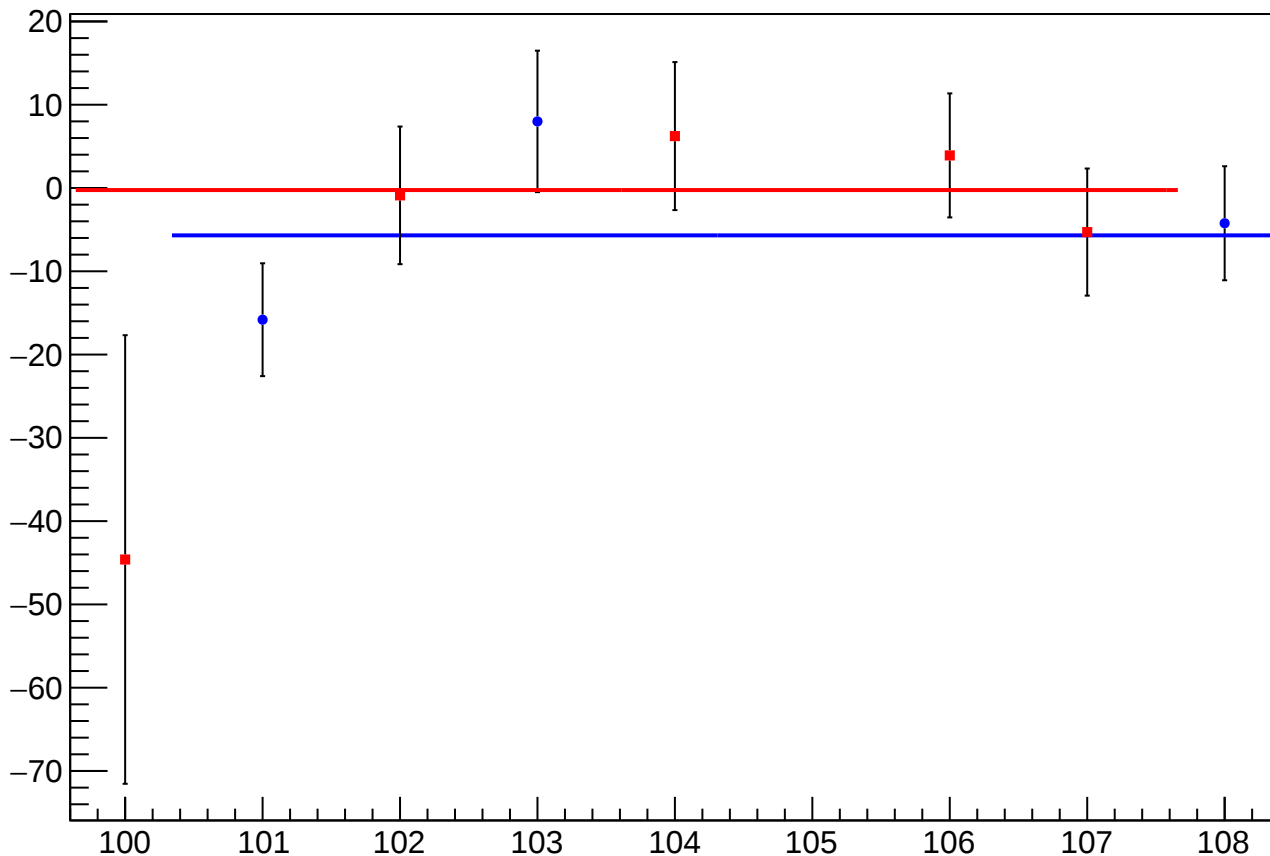
Right: 2710.656+/-1.070 χ^2/NDF : 128301.9/7

In: 2605.711+/-1.509 χ^2/NDF : 66044.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2710.656+/-1.070 χ^2/NDF : 128301.9/7

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -5.686+/-4.189 χ^2/NDF : 4.9/2

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

Right Out: -0.246+/-3.956 χ^2/NDF : 4.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

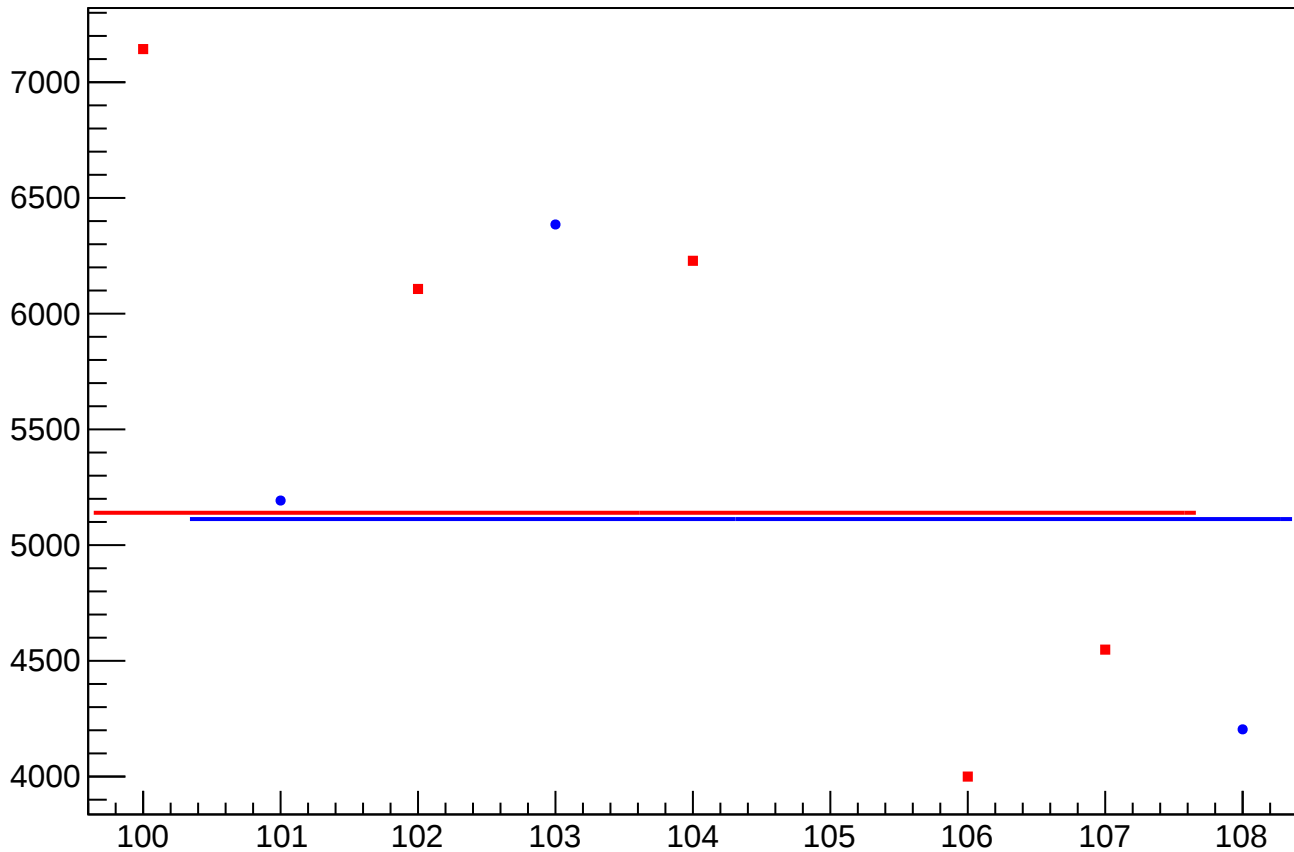
Right: -2.811+/-2.876 χ^2/NDF : 9.8/7

In: -5.686+/-4.189 χ^2/NDF : 4.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.811+/-2.876 χ^2/NDF : 9.8/7

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 5112.558+/-2.962 χ^2/NDF : 80420.9/2

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

Right Out: 5139.730+/-2.797 χ^2/NDF : 127355.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

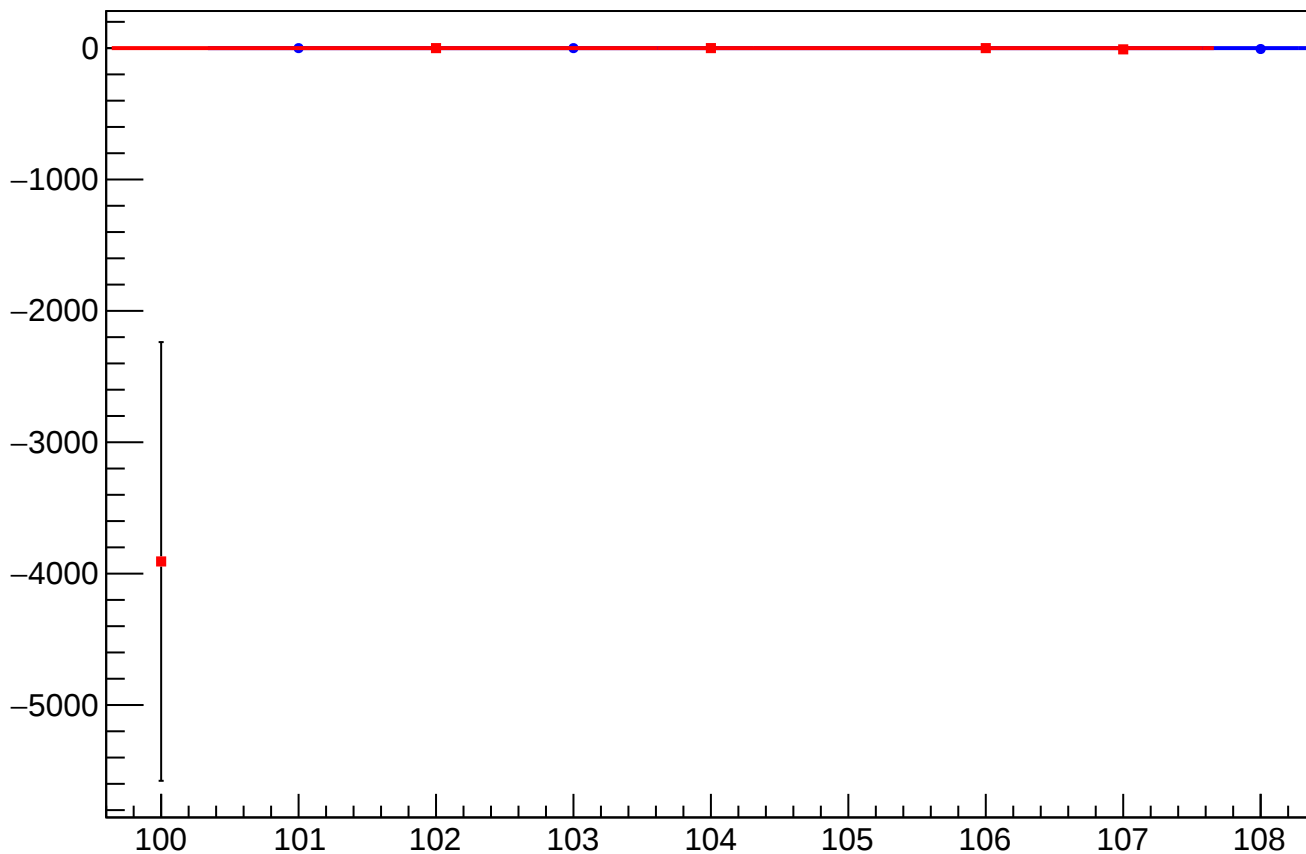
Right: 5126.919+/-2.034 χ^2/NDF : 207820.7/7

In: 5112.558+/-2.962 χ^2/NDF : 80420.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5126.919+/-2.034 χ^2/NDF : 207820.7/7

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.021 χ^2/NDF : 0.9/2

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

Right Out: 0.026+/-0.020 χ^2/NDF : 7.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

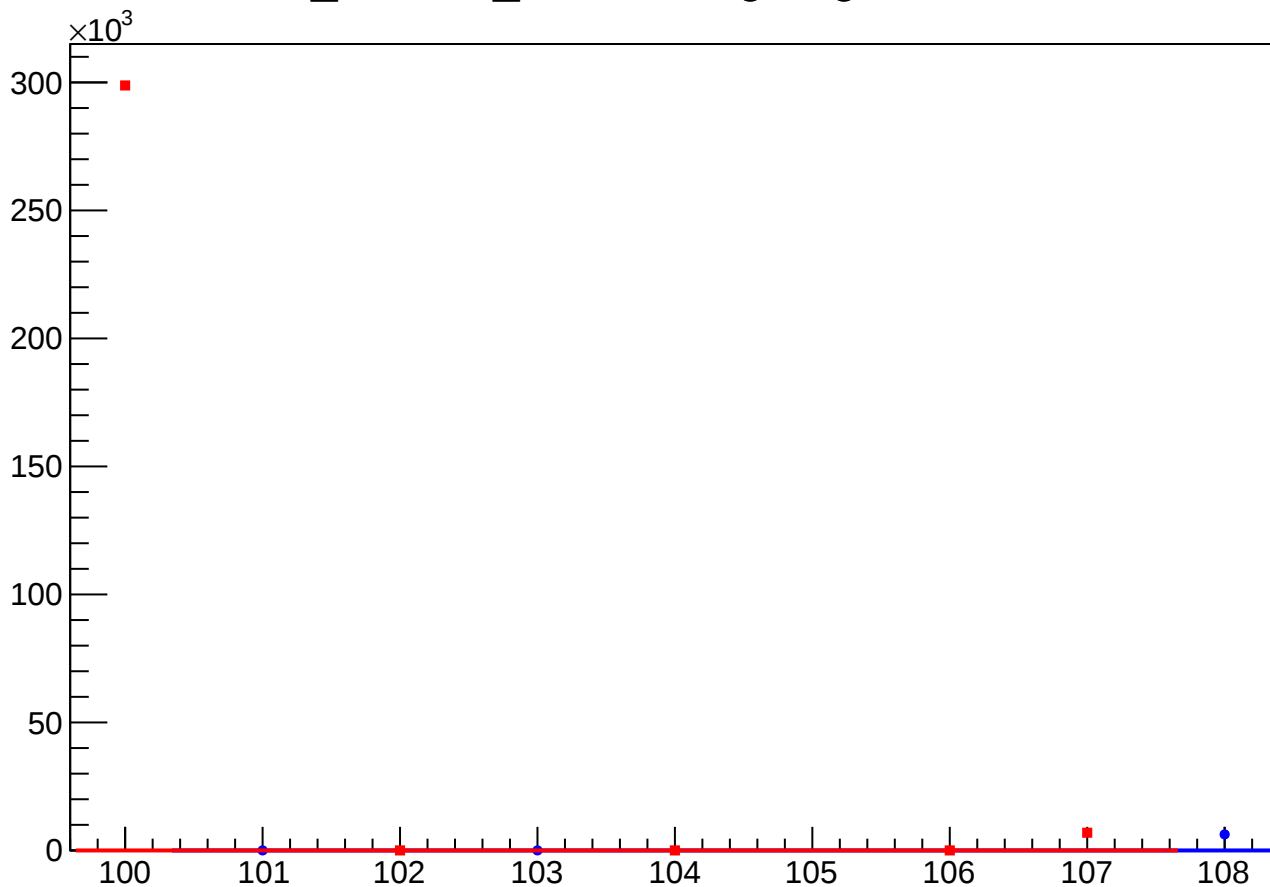
Right: 0.004+/-0.014 χ^2/NDF : 10.7/7

In: -0.021+/-0.021 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.014 χ^2/NDF : 10.7/7

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 16.925 $\pm$ 0.015 χ^2/NDF : 747780.0/2

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

Right Out: 16.952 $\pm$ 0.014 χ^2/NDF : 767347.7/4

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

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

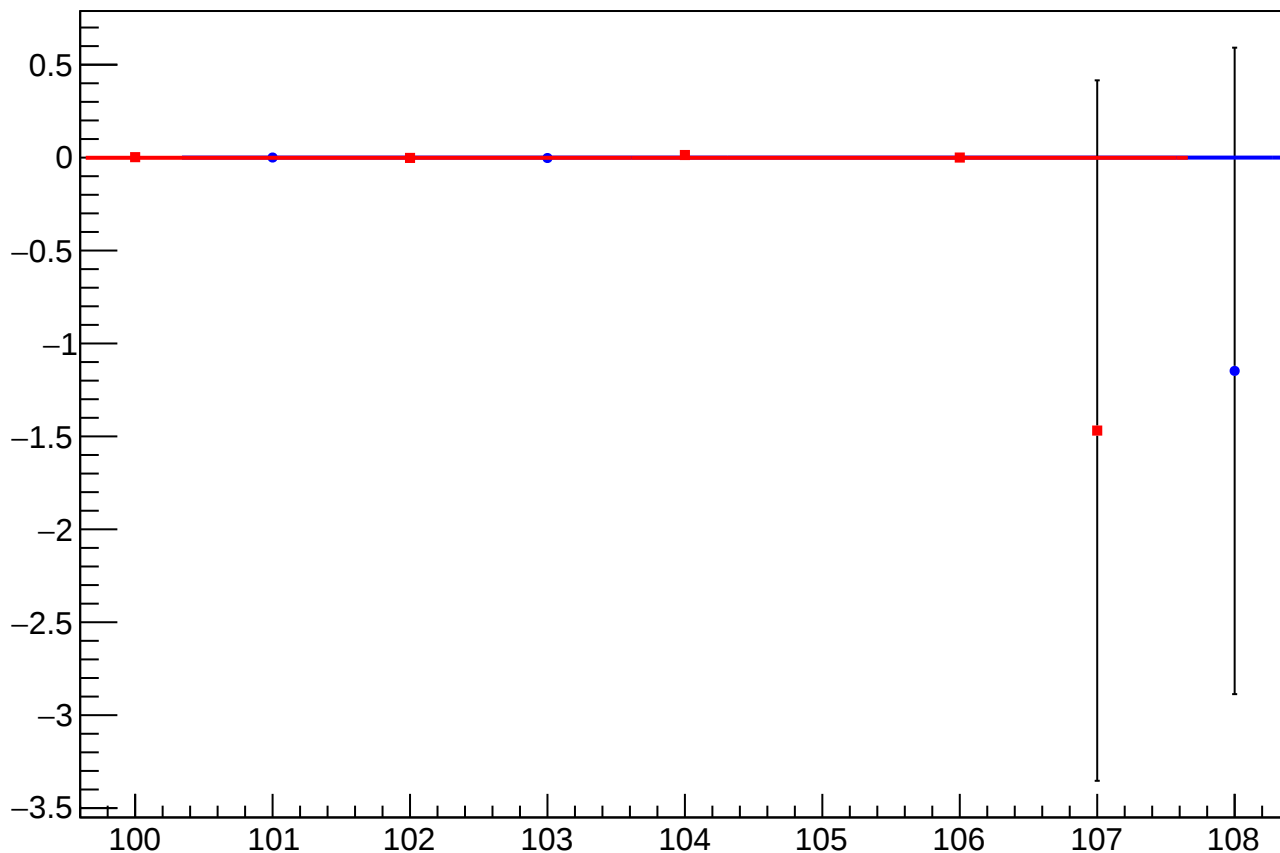
Right: 16.939 $\pm$ 0.010 χ^2/NDF : 1515129.5/7

In: 16.925 $\pm$ 0.015 χ^2/NDF : 747780.0/2

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

All: 16.939 $\pm$ 0.010 χ^2/NDF : 1515129.5/7

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.002 χ^2 /NDF: 0.6/2

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

Right Out: -0.001 $\pm$ 0.002 χ^2 /NDF: 1.6/4

Left In: 0.000 $\pm$ 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: 2.4/7

In: 0.000 $\pm$ 0.002 χ^2 /NDF:0.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.001 χ^2 /NDF: 2.4/7

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 1.646+/-0.001 χ^2/NDF : 752046.8/2

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

Right Out: 1.681+/-0.001 χ^2/NDF : 706786.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

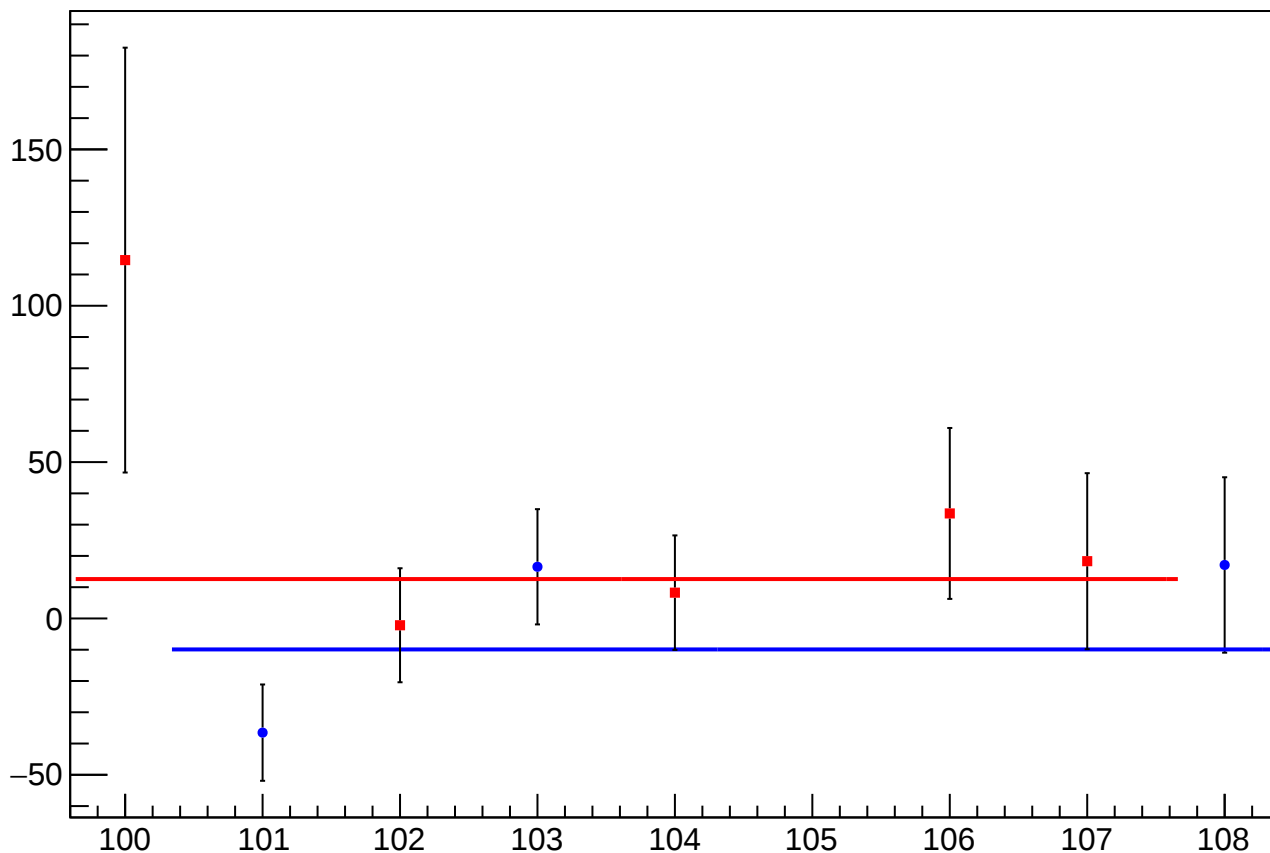
Right: 1.664+/-0.001 χ^2/NDF : 1459139.9/7

In: 1.646+/-0.001 χ^2/NDF : 752046.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.664+/-0.001 χ^2/NDF : 1459139.9/7

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -9.906+/-10.890 χ^2/NDF : 6.0/2

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

Right Out: 12.597+/-10.654 χ^2/NDF : 3.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

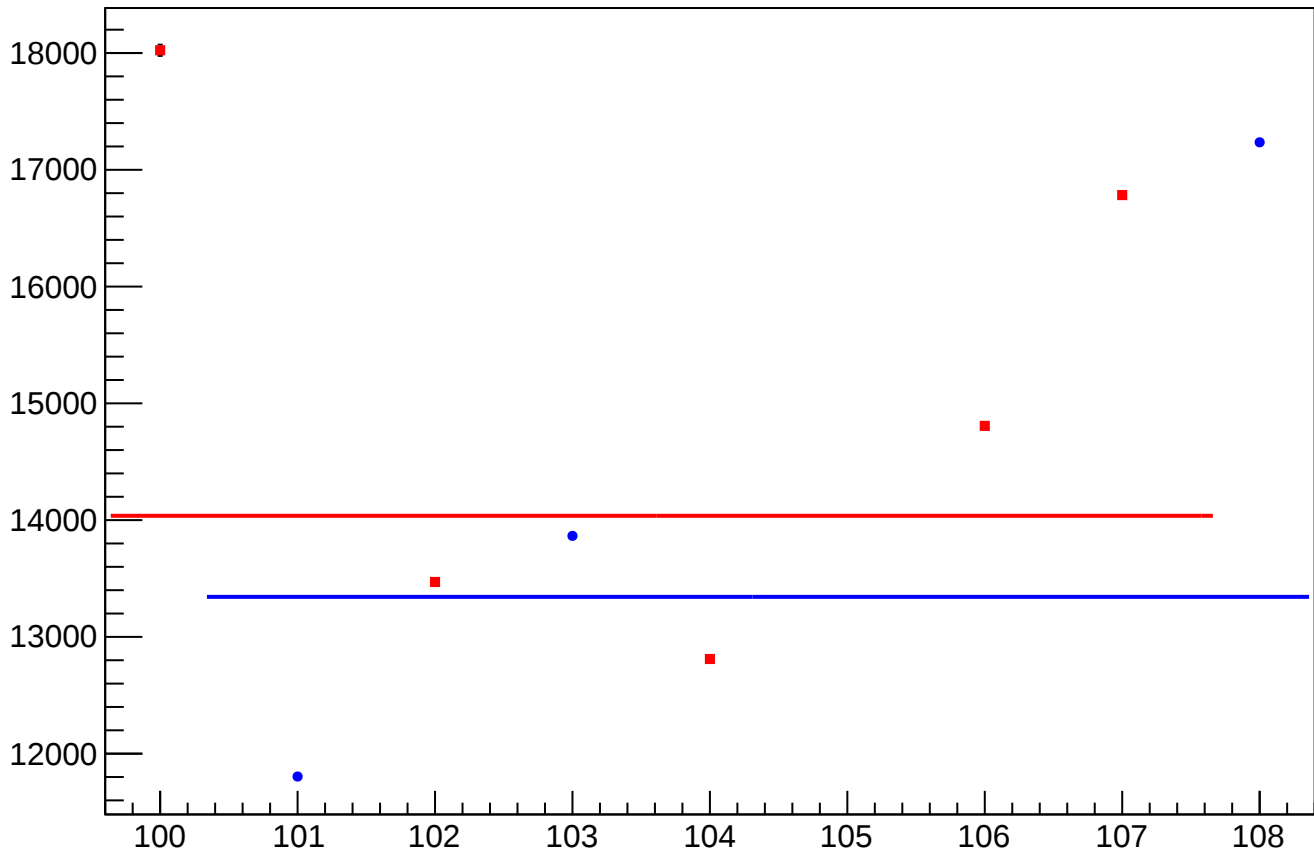
Right: 1.593+/-7.616 χ^2/NDF : 11.7/7

In: -9.906+/-10.890 χ^2/NDF : 6.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.593+/-7.616 χ^2/NDF : 11.7/7

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 13342.916+/-7.701 χ^2/NDF : 60096.8/2

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

Right Out: 14037.096+/-7.533 χ^2/NDF : 38430.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

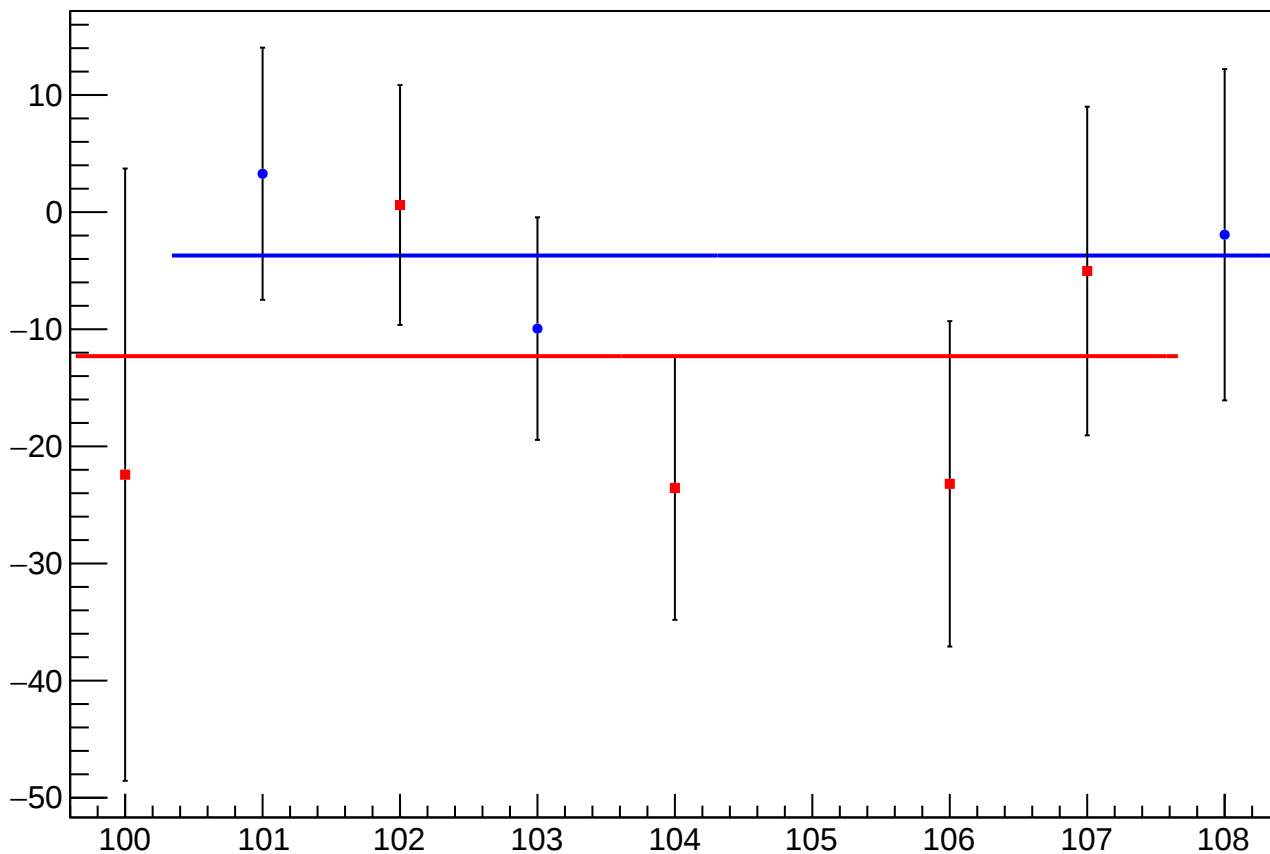
Right: 13697.626+/-5.385 χ^2/NDF : 102679.5/7

In: 13342.916+/-7.701 χ^2/NDF : 60096.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13697.626+/-5.385 χ^2/NDF : 102679.5/7

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -3.705+/-6.362 χ^2/NDF : 0.9/2

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

Right Out: -12.297+/-5.857 χ^2/NDF : 3.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

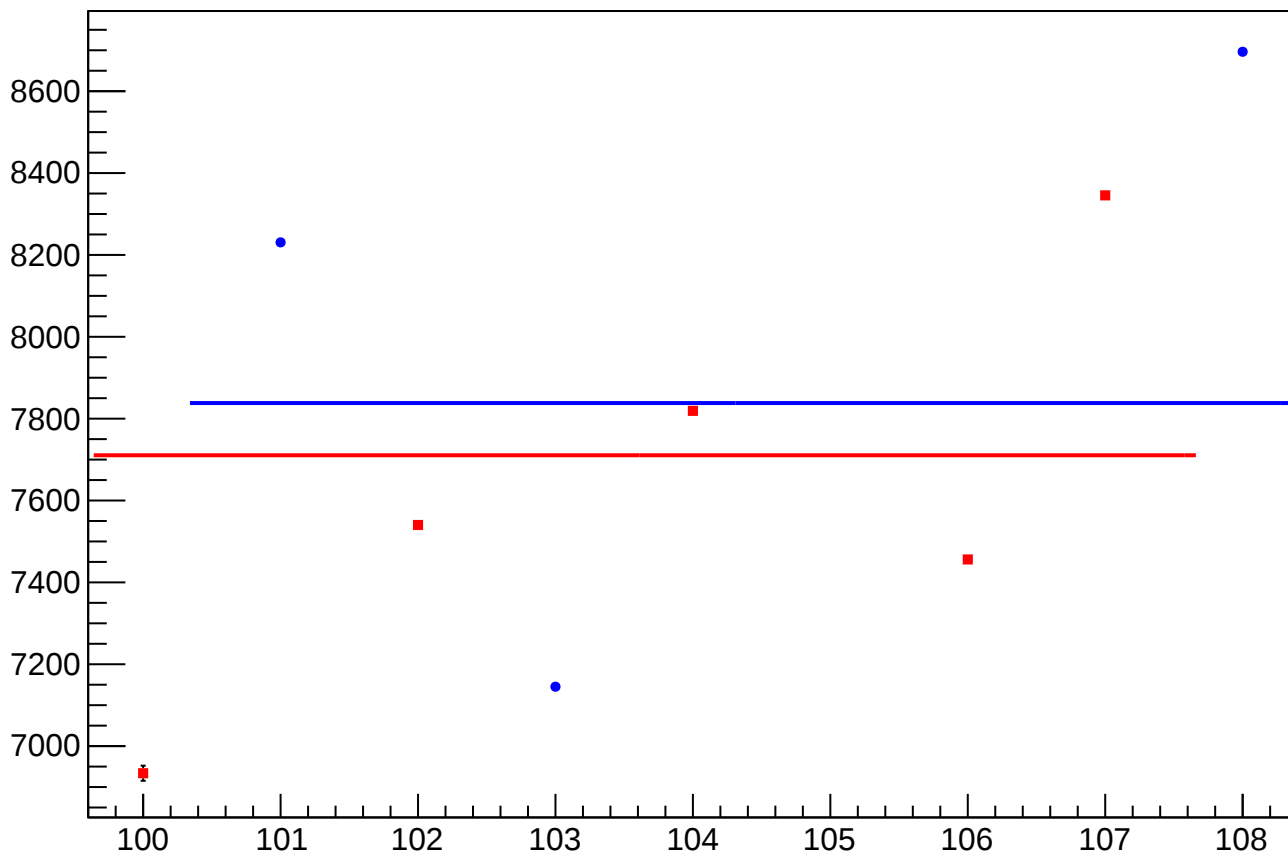
Right: -8.355+/-4.309 χ^2/NDF : 5.5/7

In: -3.705+/-6.362 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.355+/-4.309 χ^2/NDF : 5.5/7

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 7838.136+/-4.498 χ^2/NDF : 20665.7/2

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

Right Out: 7710.610+/-4.141 χ^2/NDF : 7275.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

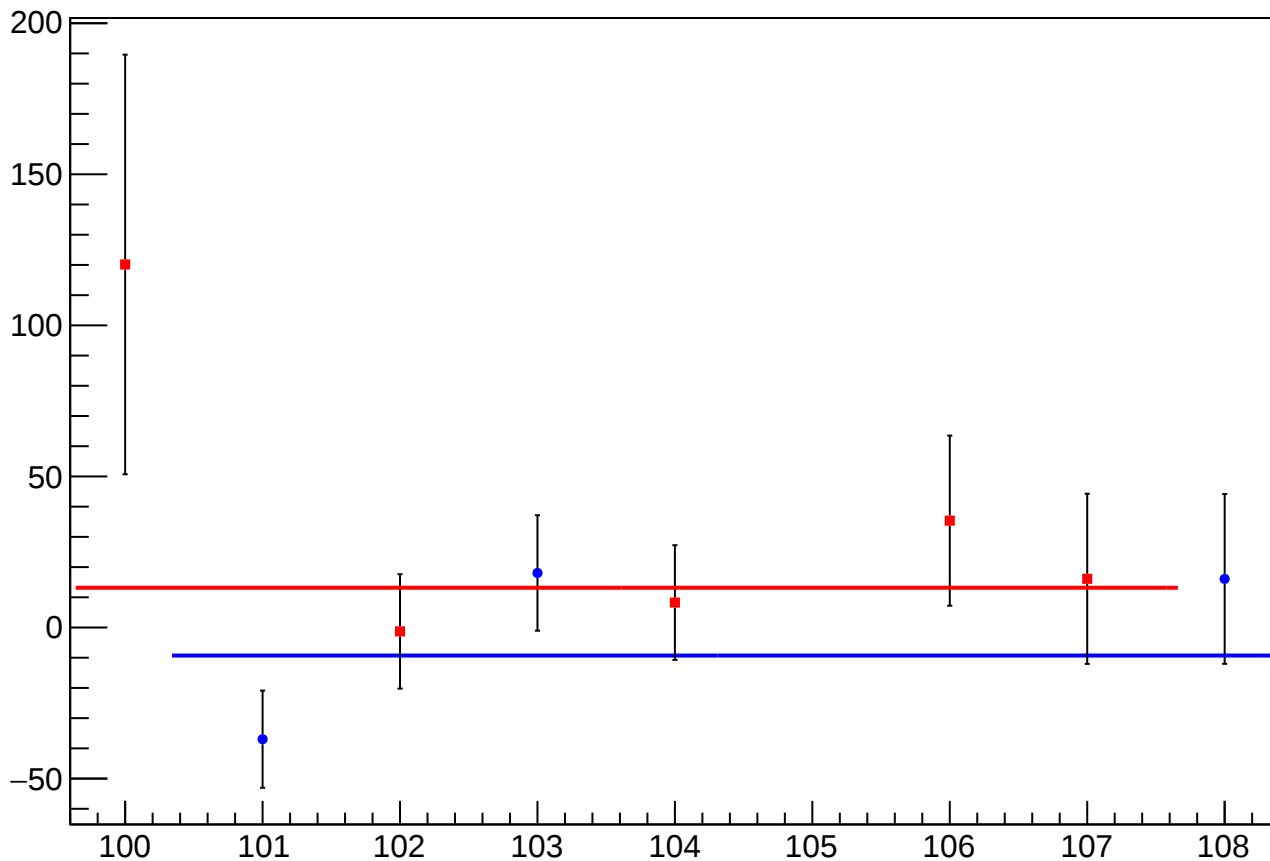
Right: 7769.113+/-3.047 χ^2/NDF : 28376.1/7

In: 7838.136+/-4.498 χ^2/NDF : 20665.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7769.113+/-3.047 χ^2/NDF : 28376.1/7

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: -9.278+/-11.273 χ^2/NDF : 5.8/2

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

Right Out: 13.165+/-10.981 χ^2/NDF : 3.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

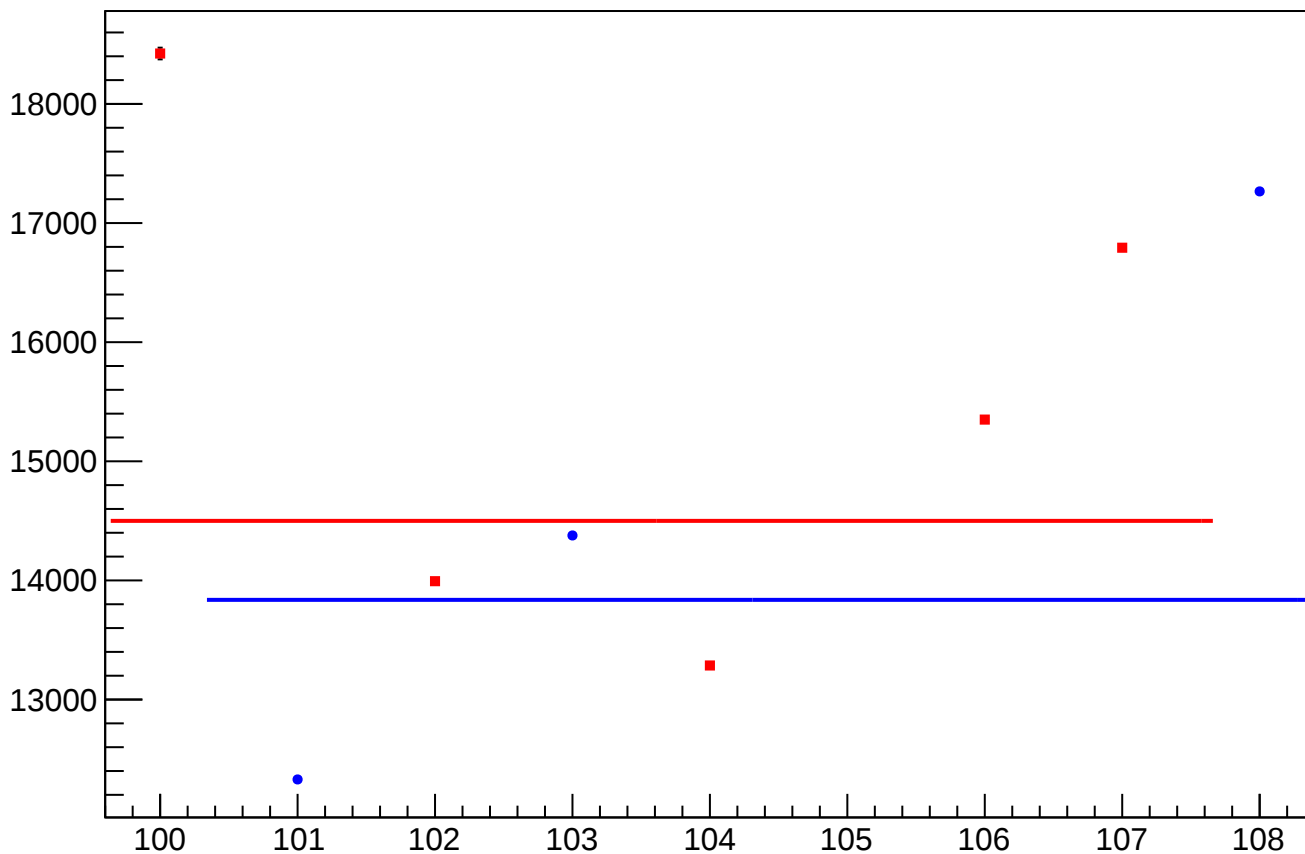
Right: 2.238+/-7.866 χ^2/NDF : 11.5/7

In: -9.278+/-11.273 χ^2/NDF : 5.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.238+/-7.866 χ^2/NDF : 11.5/7

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13836.810+/-7.971 χ^2/NDF : 48956.6/2

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

Right Out: 14499.919+/-7.765 χ^2/NDF : 31078.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

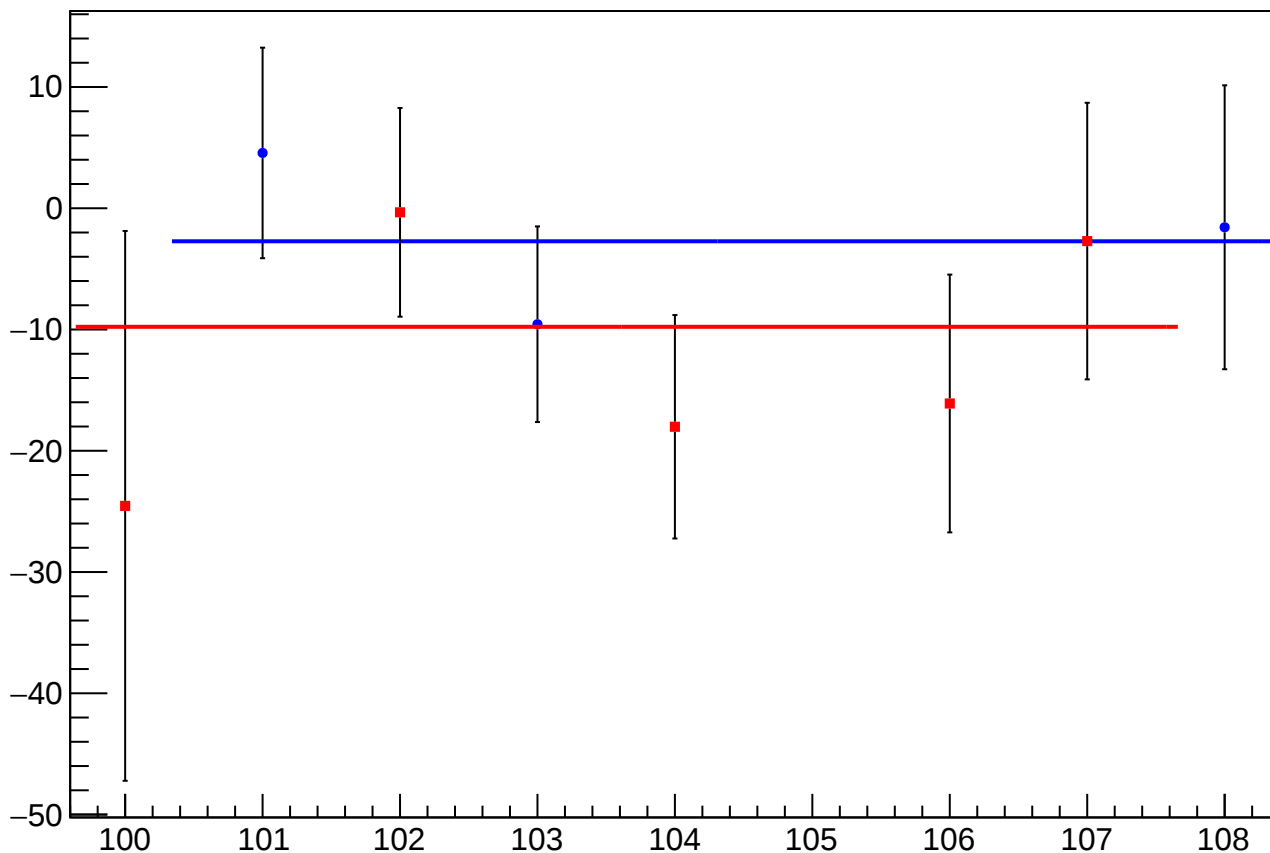
Right: 14177.053+/-5.562 χ^2/NDF : 83586.5/7

In: 13836.810+/-7.971 χ^2/NDF : 48956.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14177.053+/-5.562 χ^2/NDF : 83586.5/7

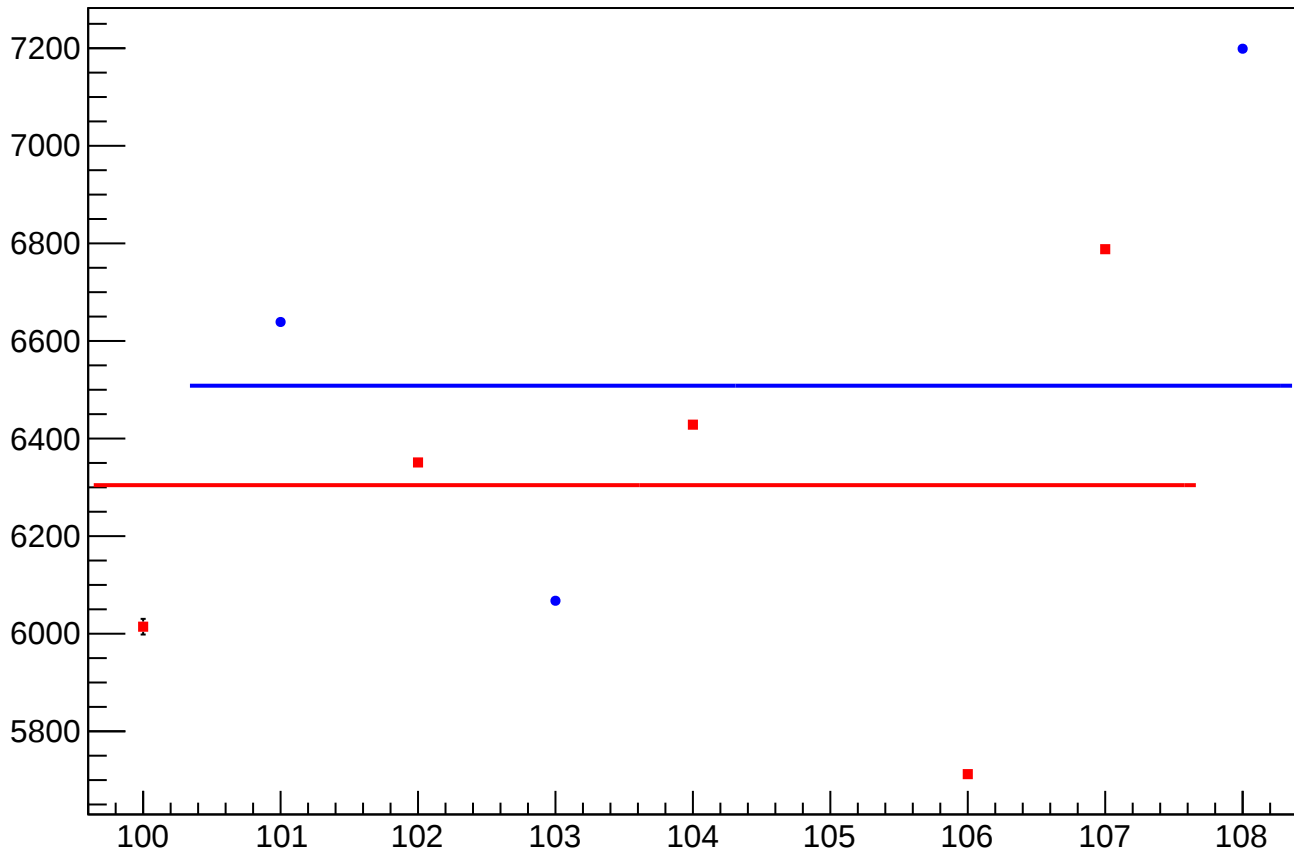
diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -2.723+/-5.275 χ^2/NDF : 1.4/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -9.776+/-4.780 χ^2/NDF : 3.2/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -6.597+/-3.542 χ^2/NDF : 5.6/7
 In: -2.723+/-5.275 χ^2/NDF : 1.4/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -6.597+/-3.542 χ^2/NDF : 5.6/7

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 6508.313+/-3.730 χ^2/NDF : 13384.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6304.481+/-3.380 χ^2/NDF : 10554.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

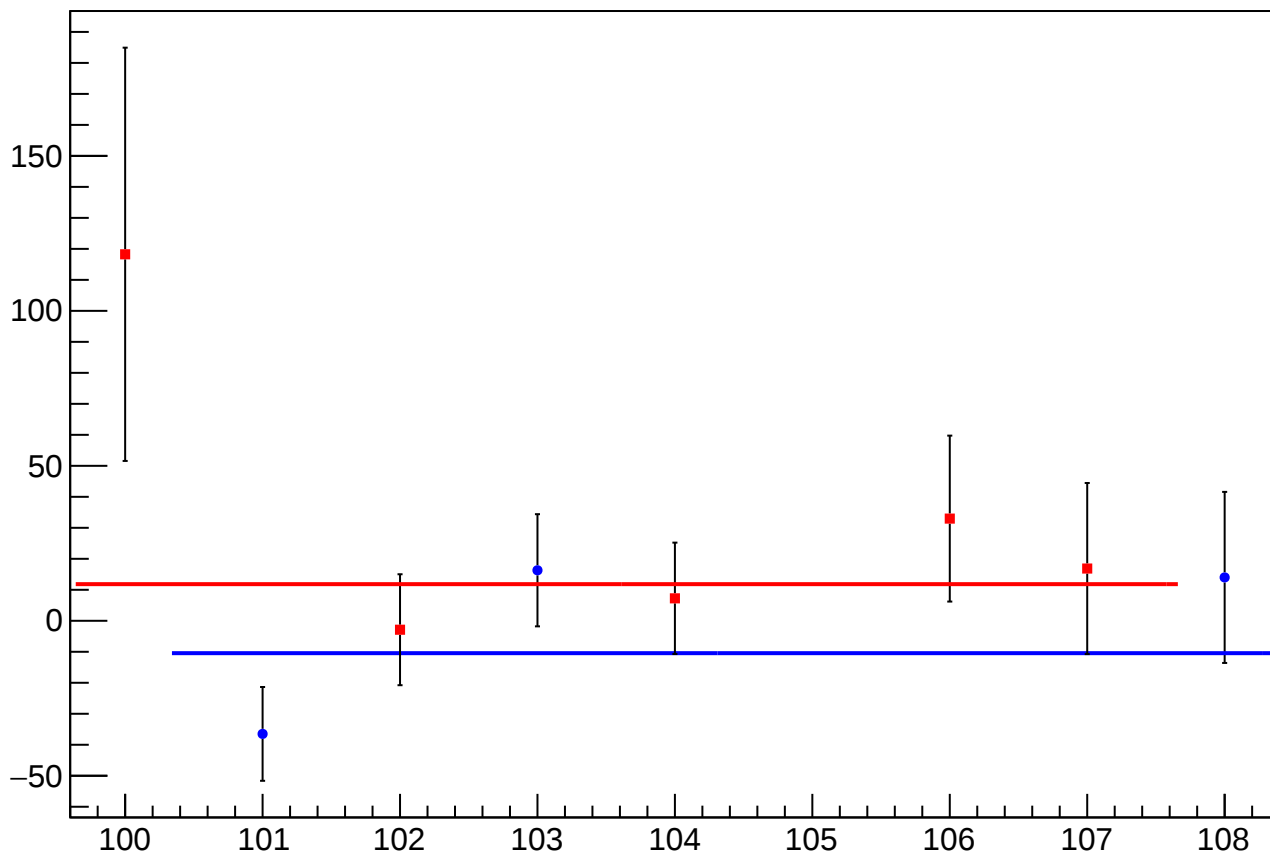
Right: 6396.375+/-2.505 χ^2/NDF : 25578.1/7

In: 6508.313+/-3.730 χ^2/NDF : 13384.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6396.375+/-2.505 χ^2/NDF : 25578.1/7

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -10.447 $\pm$ 10.700 χ^2 /NDF: 5.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.822 $\pm$ 10.455 χ^2 /NDF: 3.9/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

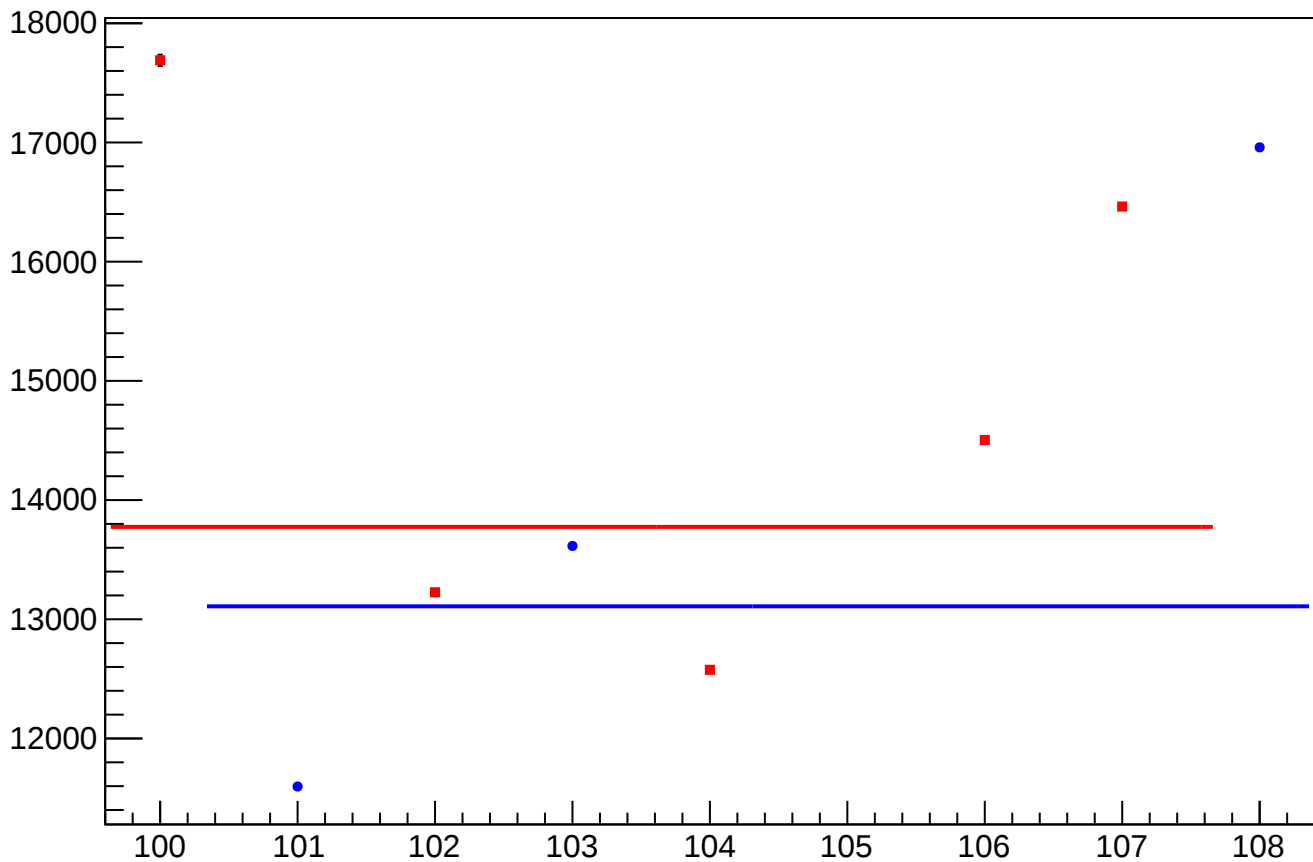
Right: 0.946 $\pm$ 7.478 χ^2 /NDF: 12.1/7

In: -10.447 $\pm$ 10.700 χ^2 /NDF:5.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.946 $\pm$ 7.478 χ^2 /NDF: 12.1/7

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 13108.632 $\pm$ 7.566 χ^2 /NDF: 60461.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 13775.156 $\pm$ 7.393 χ^2 /NDF: 38117.8/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

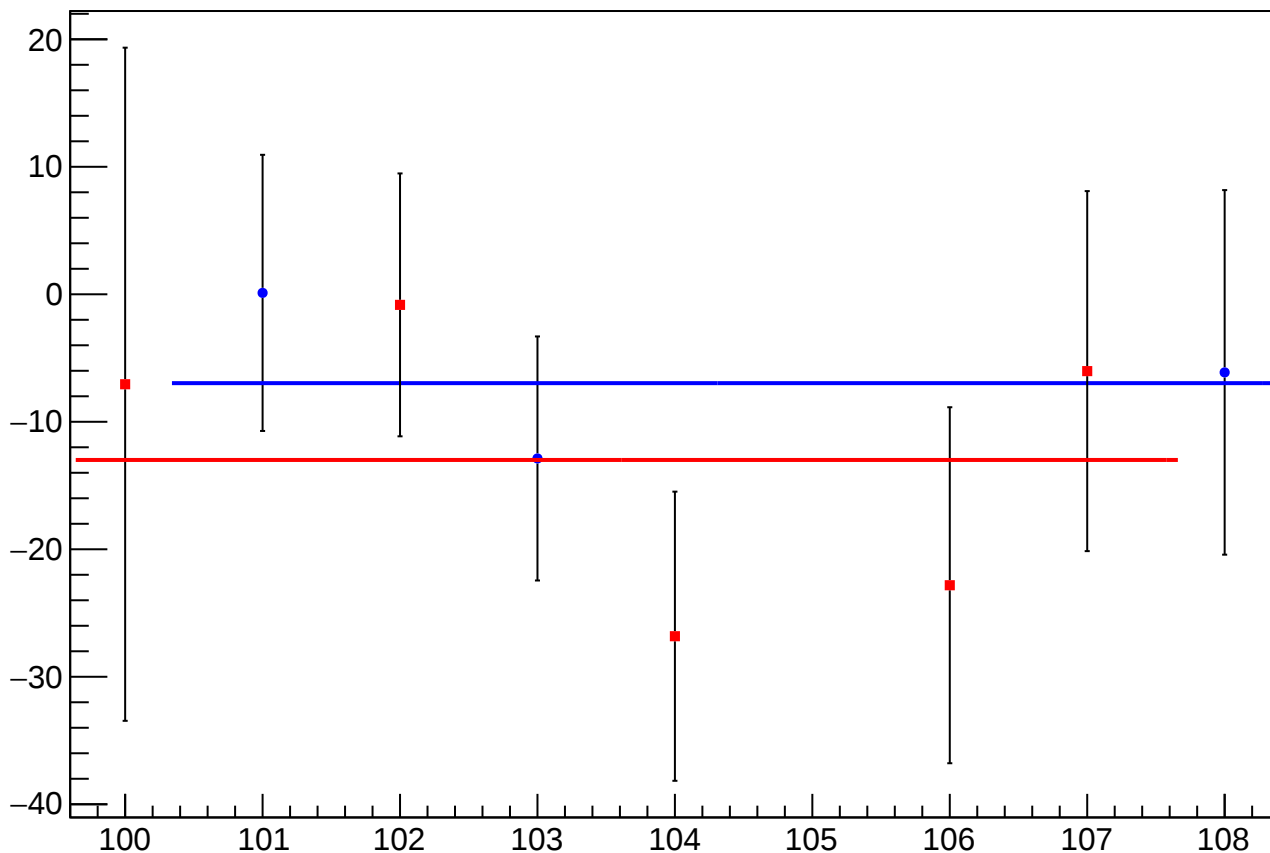
Right: 13449.623 $\pm$ 5.288 χ^2 /NDF: 102550.1/7

In: 13108.632 $\pm$ 7.566 χ^2 /NDF:60461.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 13449.623 $\pm$ 5.288 χ^2 /NDF: 102550.1/7

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -6.970+/-6.410 χ^2/NDF : 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.994+/-5.896 χ^2/NDF : 3.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

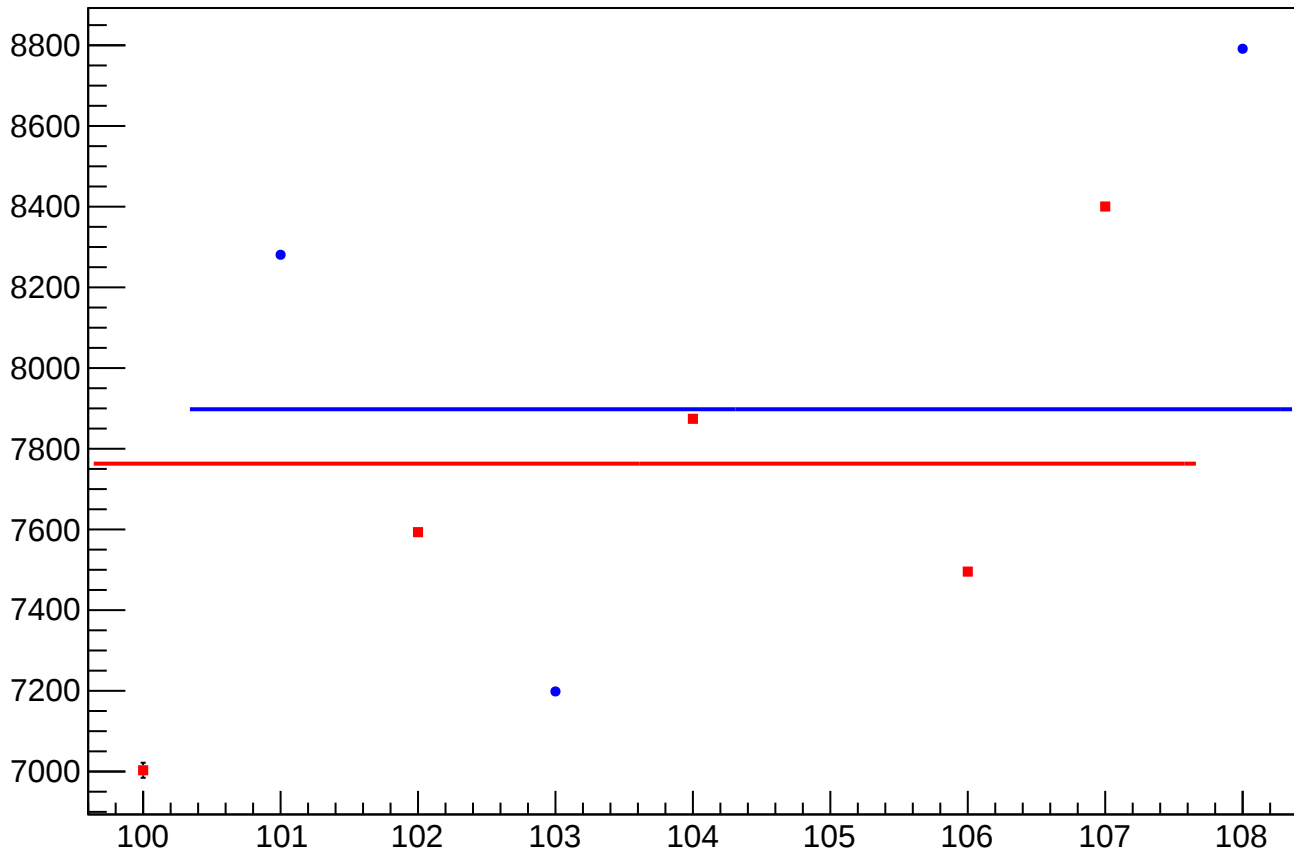
Right: -10.233+/-4.340 χ^2/NDF : 5.0/7

In: -6.970+/-6.410 χ^2/NDF : 0.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.233+/-4.340 χ^2/NDF : 5.0/7

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 7897.909+/-4.533 χ^2/NDF : 20992.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7763.099+/-4.169 χ^2/NDF : 7201.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

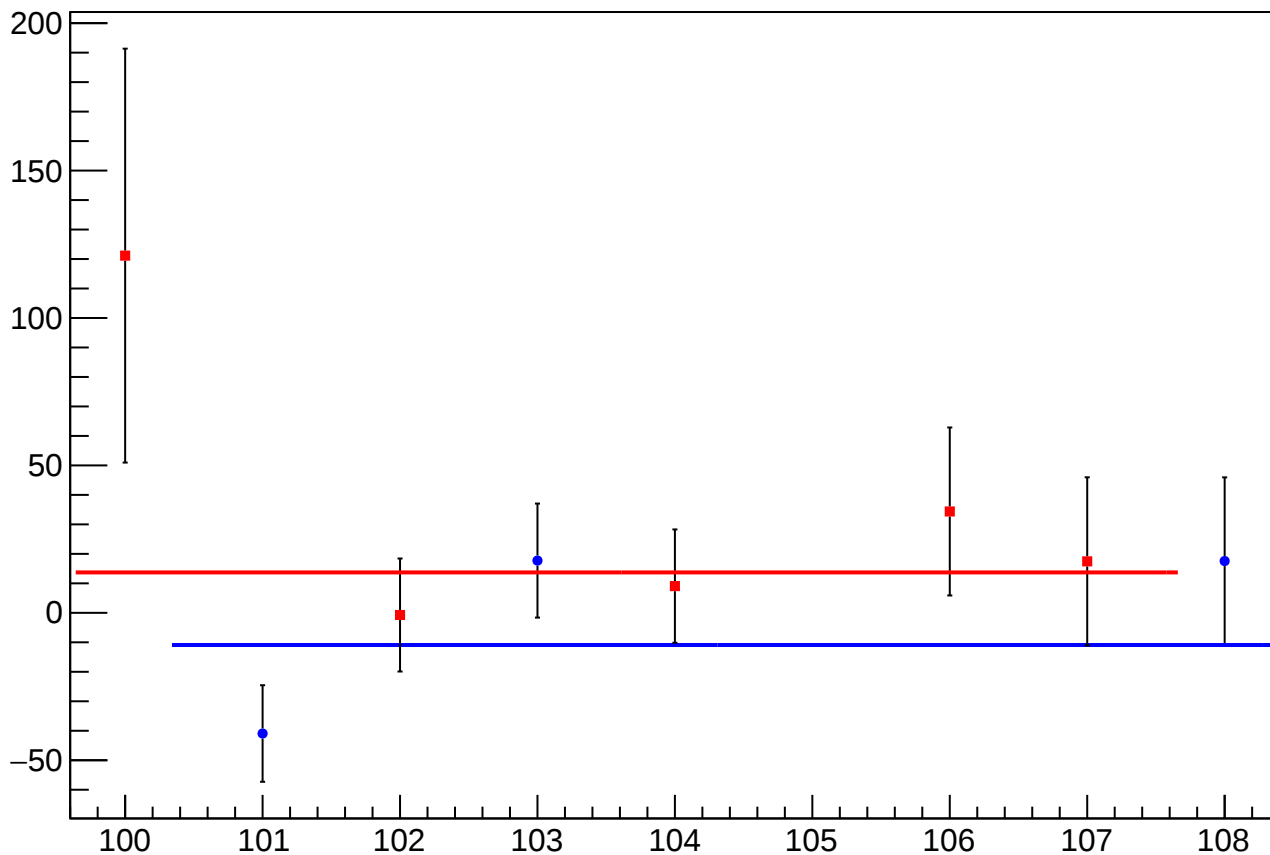
Right: 7824.880+/-3.069 χ^2/NDF : 28673.1/7

In: 7897.909+/-4.533 χ^2/NDF : 20992.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7824.880+/-3.069 χ^2/NDF : 28673.1/7

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -10.914 ± 11.438 χ^2/NDF : 6.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 13.708 ± 11.114 χ^2/NDF : 3.5/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

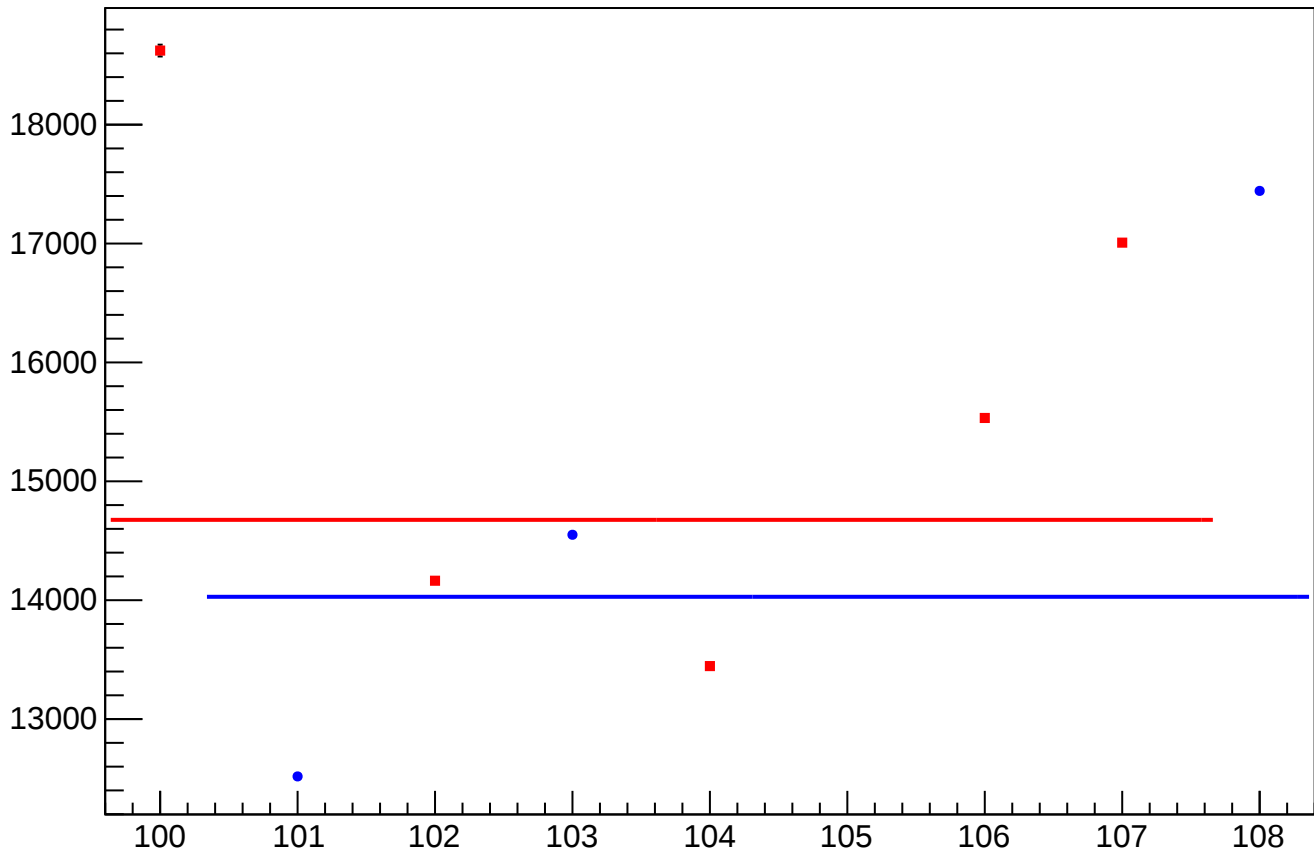
Right: 1.750 ± 7.971 χ^2/NDF : 12.5/7

In: -10.914 ± 11.438 χ^2/NDF : 6.6/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.750 ± 7.971 χ^2/NDF : 12.5/7

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 14028.620+/-8.088 χ^2/NDF : 47421.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14675.859+/-7.859 χ^2/NDF : 31130.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

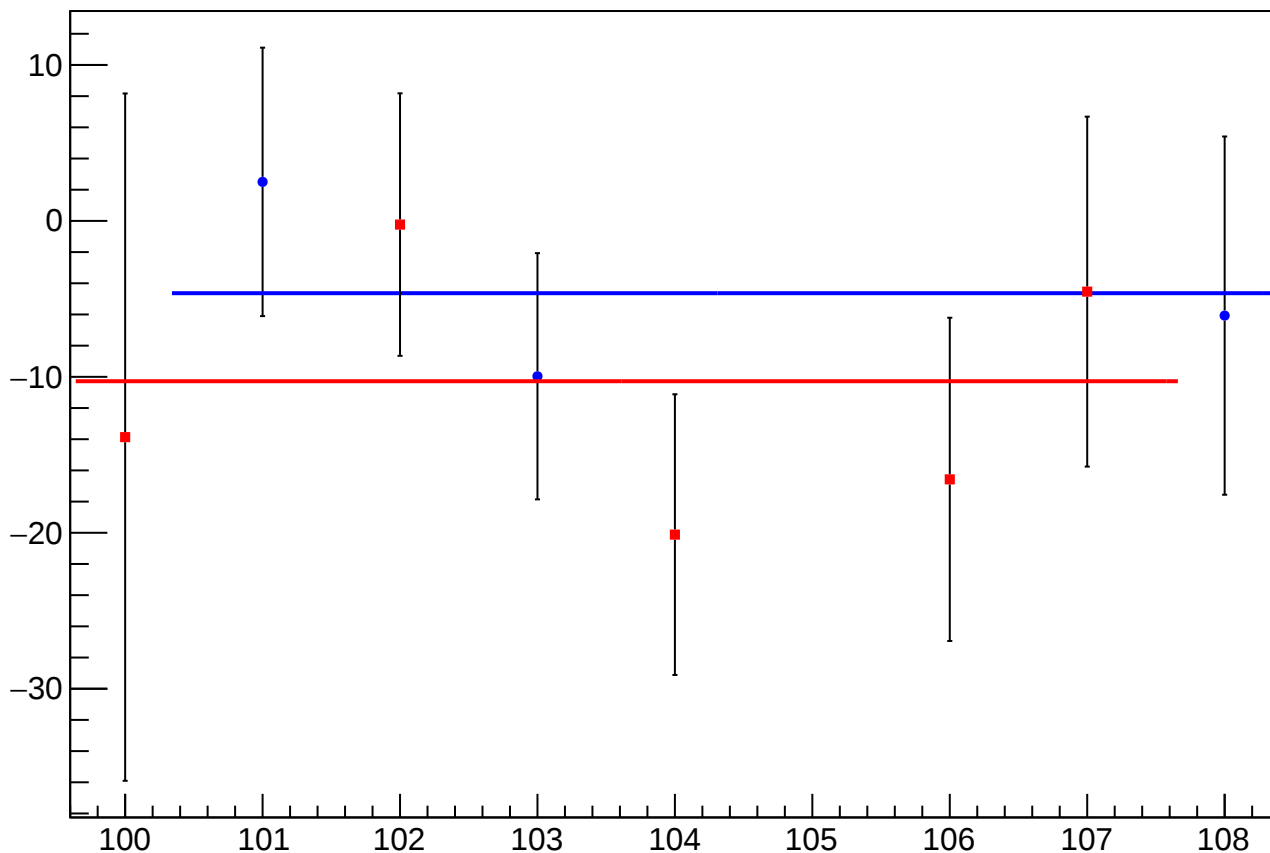
Right: 14361.521+/-5.636 χ^2/NDF : 81845.9/7

In: 14028.620+/-8.088 χ^2/NDF : 47421.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14361.521+/-5.636 χ^2/NDF : 81845.9/7

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -4.636+/-5.190 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.281+/-4.674 χ^2/NDF : 3.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

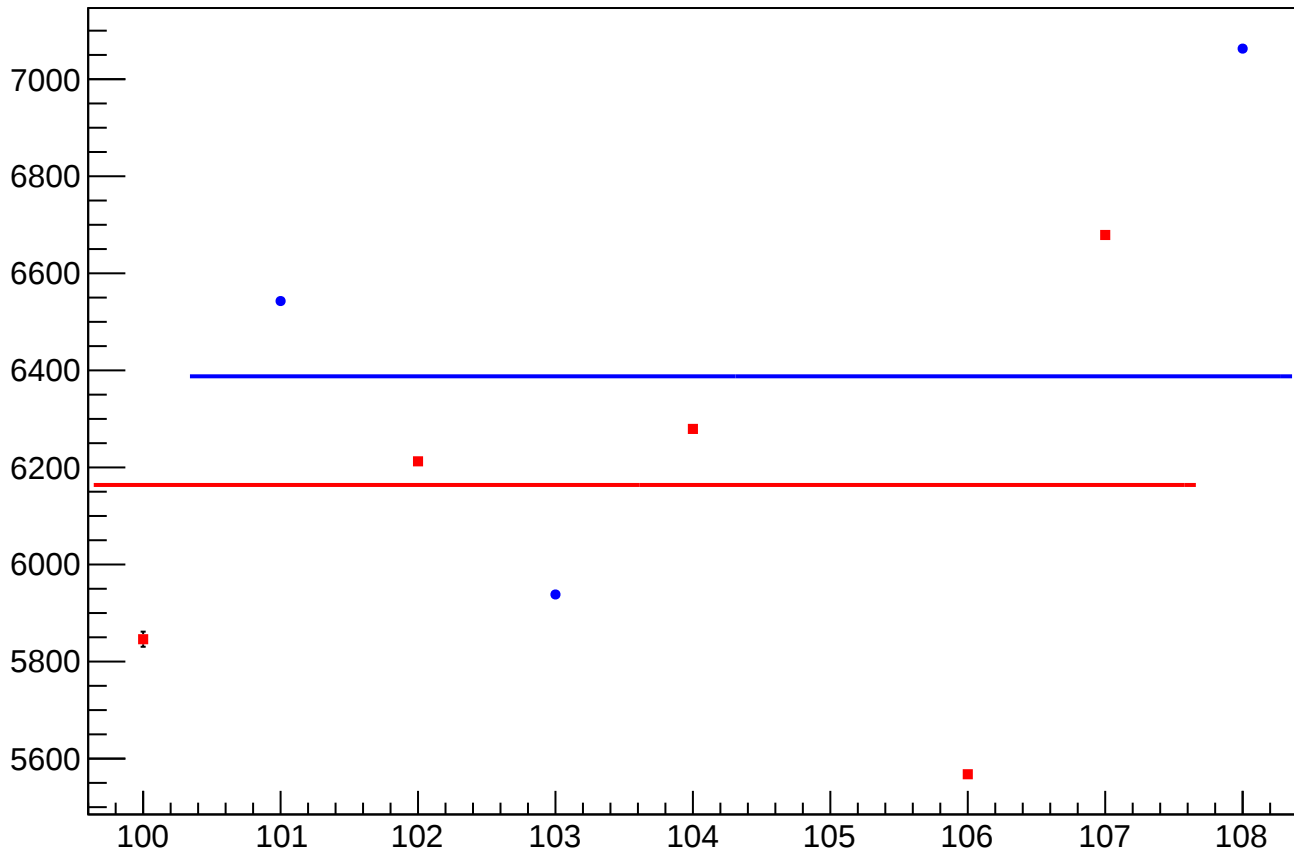
Right: -7.753+/-3.473 χ^2/NDF : 5.1/7

In: -4.636+/-5.190 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.753+/-3.473 χ^2/NDF : 5.1/7

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 6387.776+/-3.670 χ^2/NDF : 14045.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6163.895+/-3.305 χ^2/NDF : 11642.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

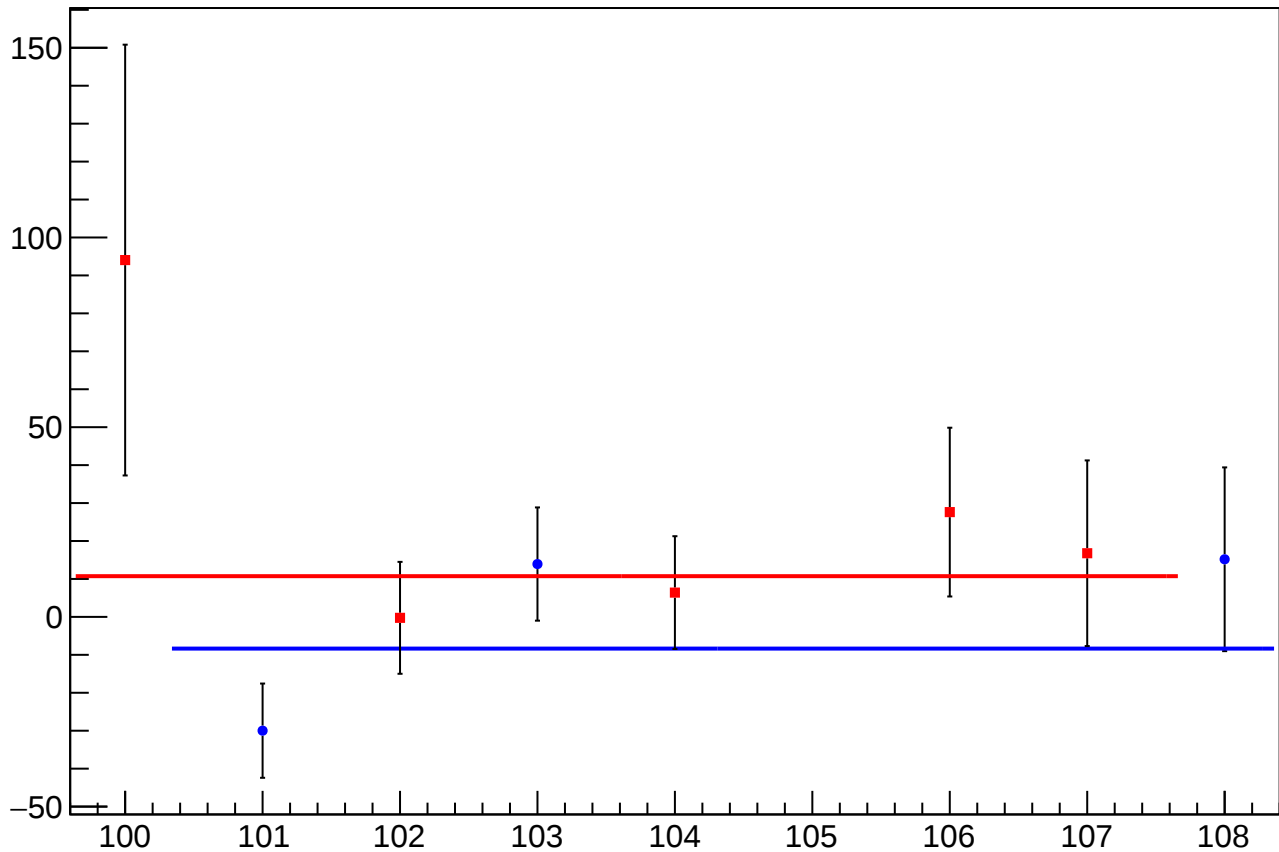
Right: 6264.155+/-2.456 χ^2/NDF : 27742.6/7

In: 6387.776+/-3.670 χ^2/NDF : 14045.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6264.155+/-2.456 χ^2/NDF : 27742.6/7

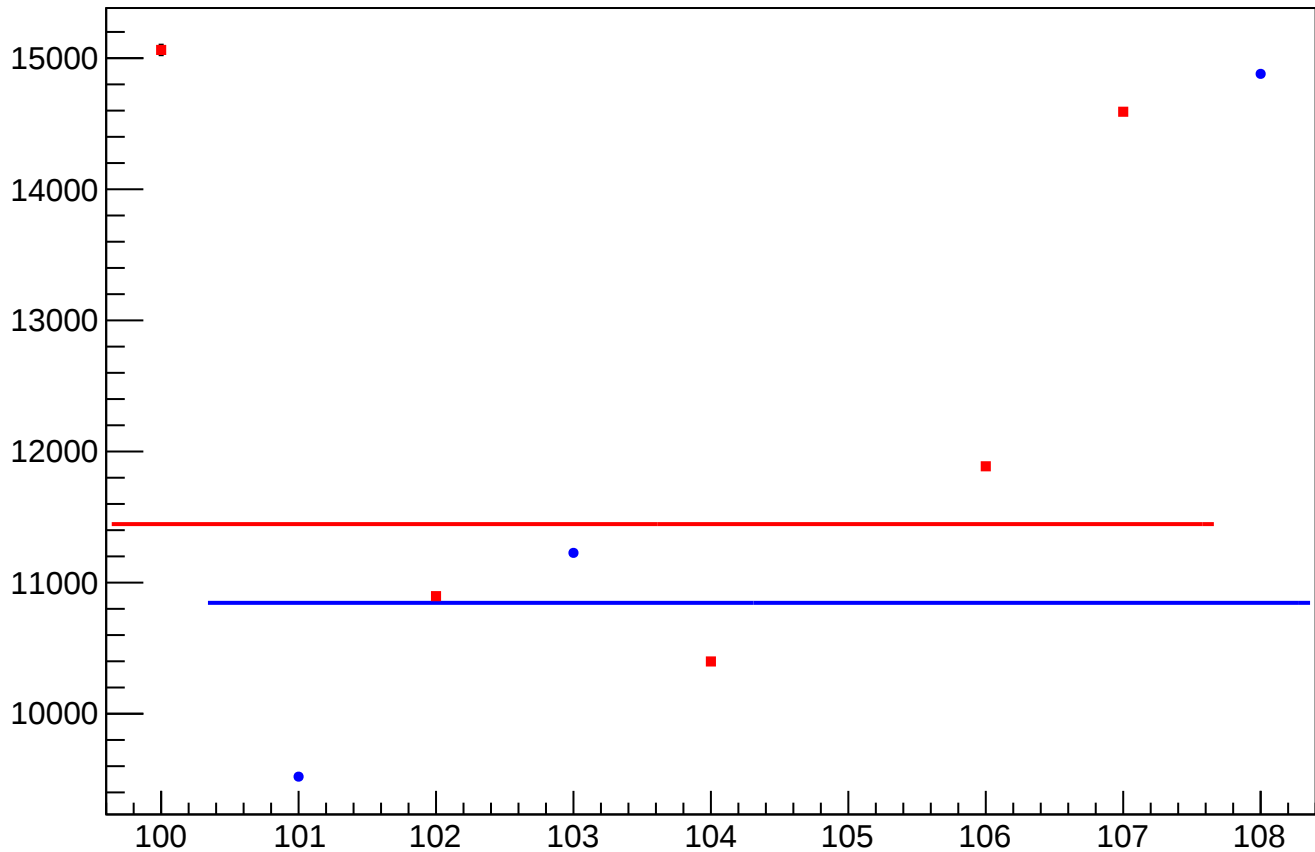
diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -8.356+/-8.881 χ^2/NDF : 6.2/2
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 10.731+/-8.728 χ^2/NDF : 3.4/4
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 1.353+/-6.225 χ^2/NDF : 12.0/7
In: -8.356+/-8.881 χ^2/NDF : 6.2/2
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 1.353+/-6.225 χ^2/NDF : 12.0/7

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 10845.775+/-6.280 χ^2/NDF : 79601.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11446.313+/-6.172 χ^2/NDF : 54664.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

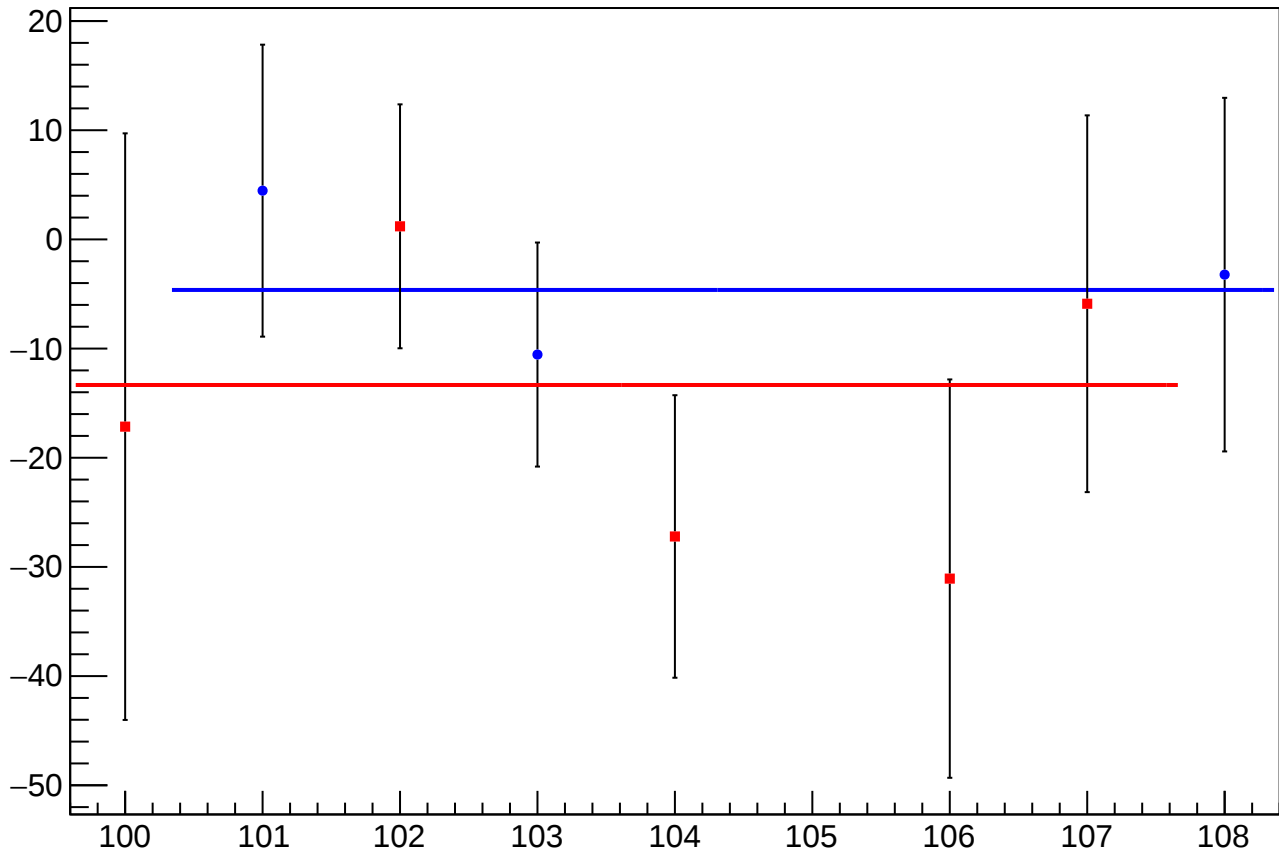
Right: 11151.256+/-4.402 χ^2/NDF : 138917.8/7

In: 10845.775+/-6.280 χ^2/NDF : 79601.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11151.256+/-4.402 χ^2/NDF : 138917.8/7

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: -4.630+/-7.273 χ^2/NDF : 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.335+/-6.783 χ^2/NDF : 4.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

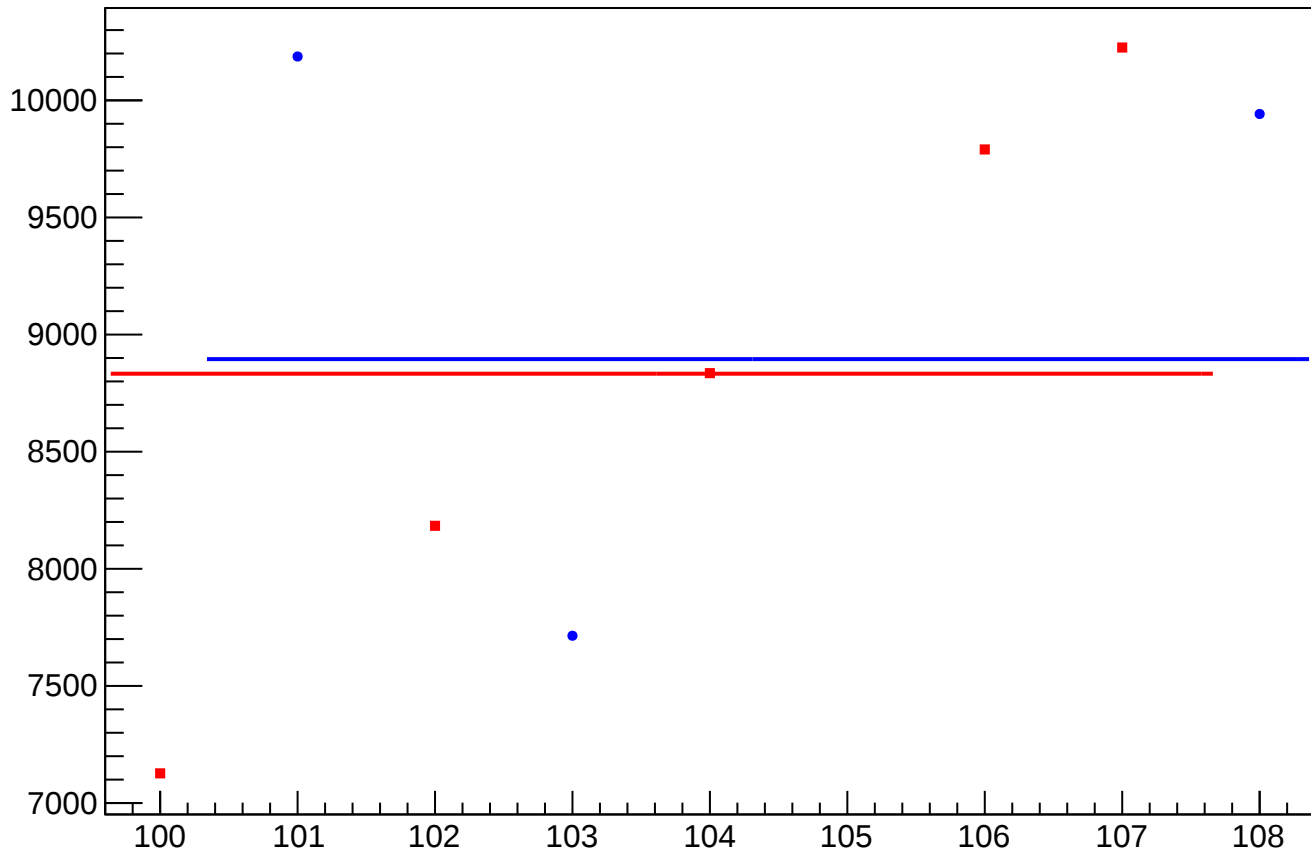
Right: -9.286+/-4.961 χ^2/NDF : 5.6/7

In: -4.630+/-7.273 χ^2/NDF : 0.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.286+/-4.961 χ^2/NDF : 5.6/7

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8895.202+/-5.143 χ^2/NDF : 53513.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8832.971+/-4.796 χ^2/NDF : 33357.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

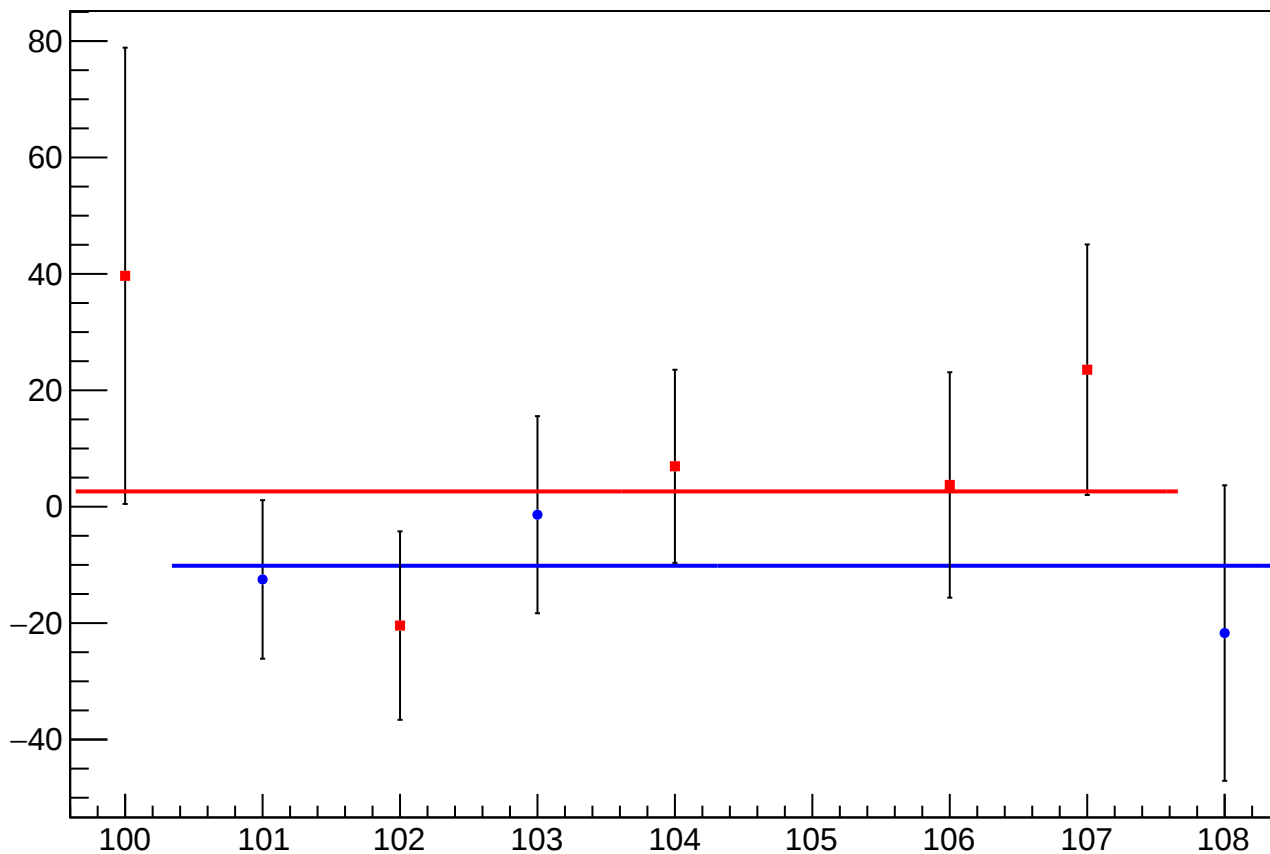
Right: 8861.919+/-3.508 χ^2/NDF : 86948.6/7

In: 8895.202+/-5.143 χ^2/NDF : 53513.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8861.919+/-3.508 χ^2/NDF : 86948.6/7

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -10.148 $\pm$ 9.792 χ^2 /NDF: 0.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.625 $\pm$ 8.796 χ^2 /NDF: 3.9/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

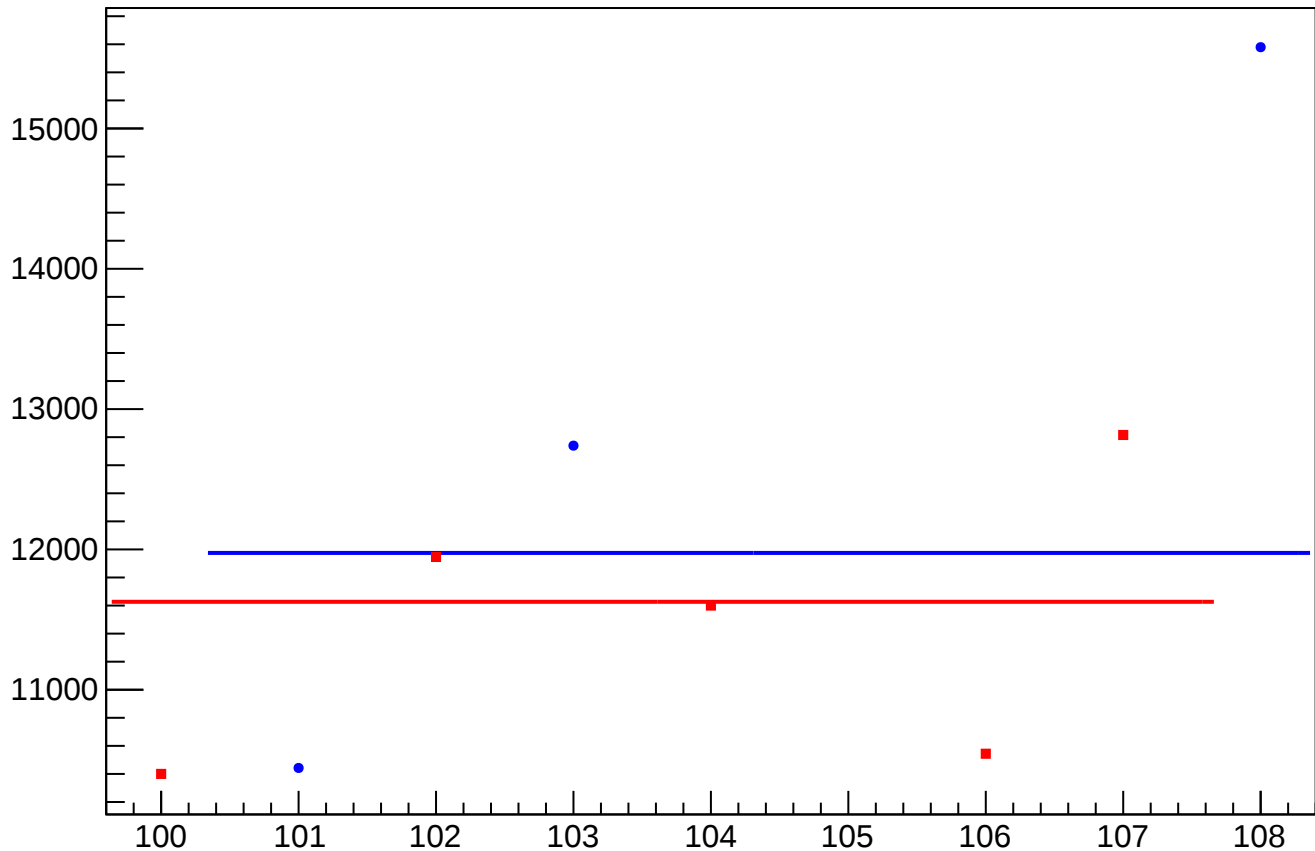
Right: -3.079 $\pm$ 6.544 χ^2 /NDF: 5.4/7

In: -10.148 $\pm$ 9.792 χ^2 /NDF: 0.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.079 $\pm$ 6.544 χ^2 /NDF: 5.4/7

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11975.102+/-6.924 χ^2/NDF : 69707.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11626.839+/-6.220 χ^2/NDF : 15097.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

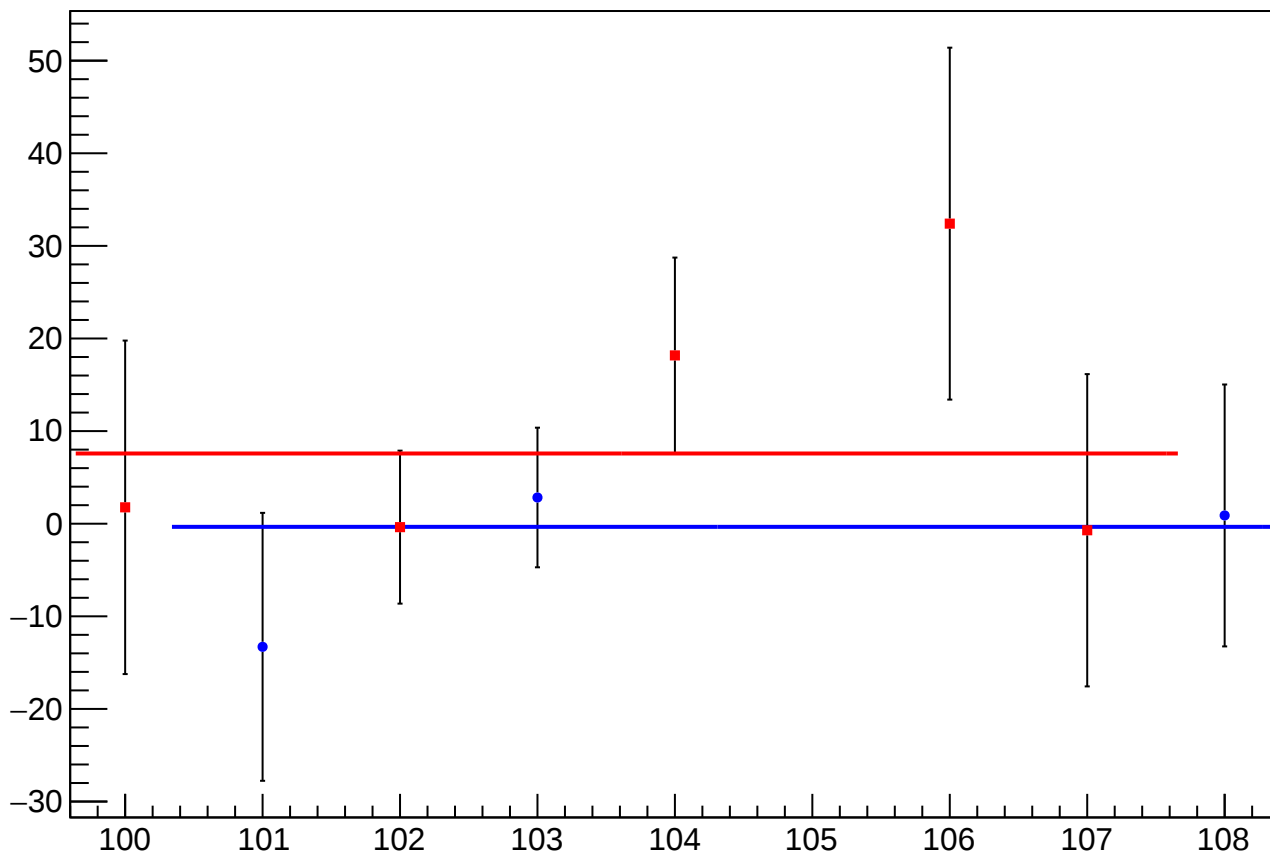
Right: 11782.359+/-4.627 χ^2/NDF : 86205.3/7

In: 11975.102+/-6.924 χ^2/NDF : 69707.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11782.359+/-4.627 χ^2/NDF : 86205.3/7

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.339 $\pm$ 6.044 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 7.582 $\pm$ -5.505 χ^2 /NDF: 4.0/4

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

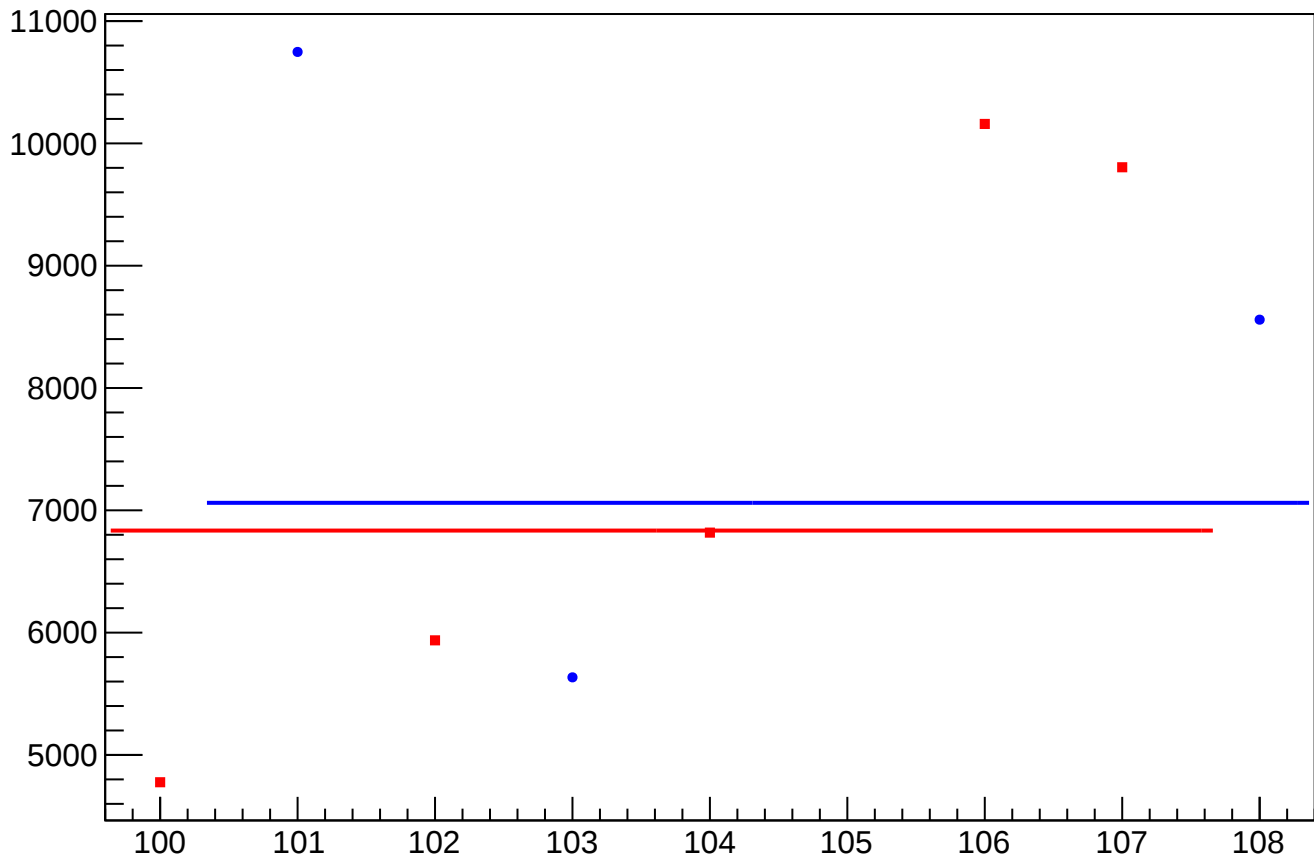
Right: 3.990 $\pm$ -4.070 χ^2 /NDF: 5.9/7

In: -0.339 $\pm$ -6.044 χ^2 /NDF:1.0/2

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 3.990 $\pm$ -4.070 χ^2 /NDF: 5.9/7

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 7061.276+/-4.274 χ^2/NDF : 223963.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6834.493+/-3.893 χ^2/NDF : 173037.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

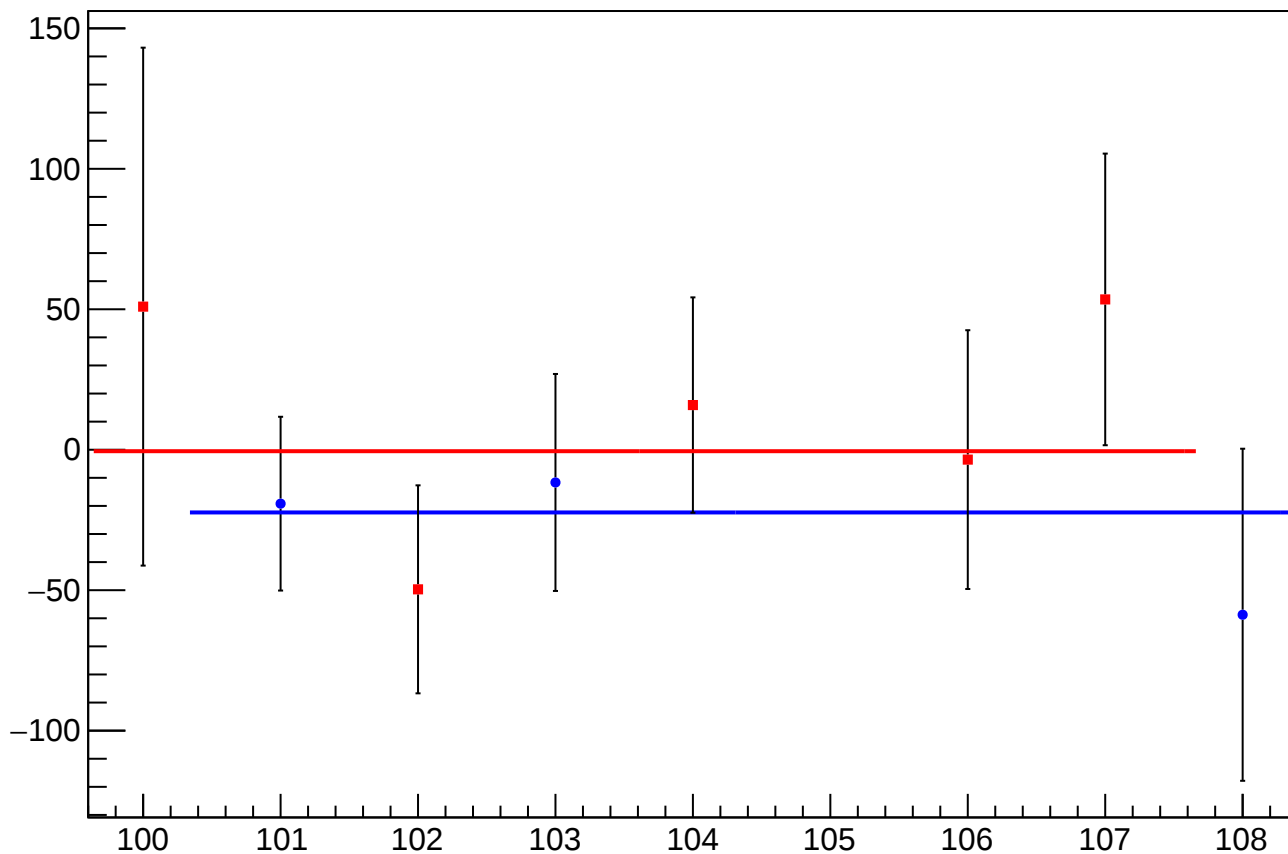
Right: 6937.327+/-2.878 χ^2/NDF : 398540.1/7

In: 7061.276+/-4.274 χ^2/NDF : 223963.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6937.327+/-2.878 χ^2/NDF : 398540.1/7

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -22.324 $\pm$ 22.349 χ^2 /NDF: 0.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.520 $\pm$ 20.539 χ^2 /NDF: 3.3/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

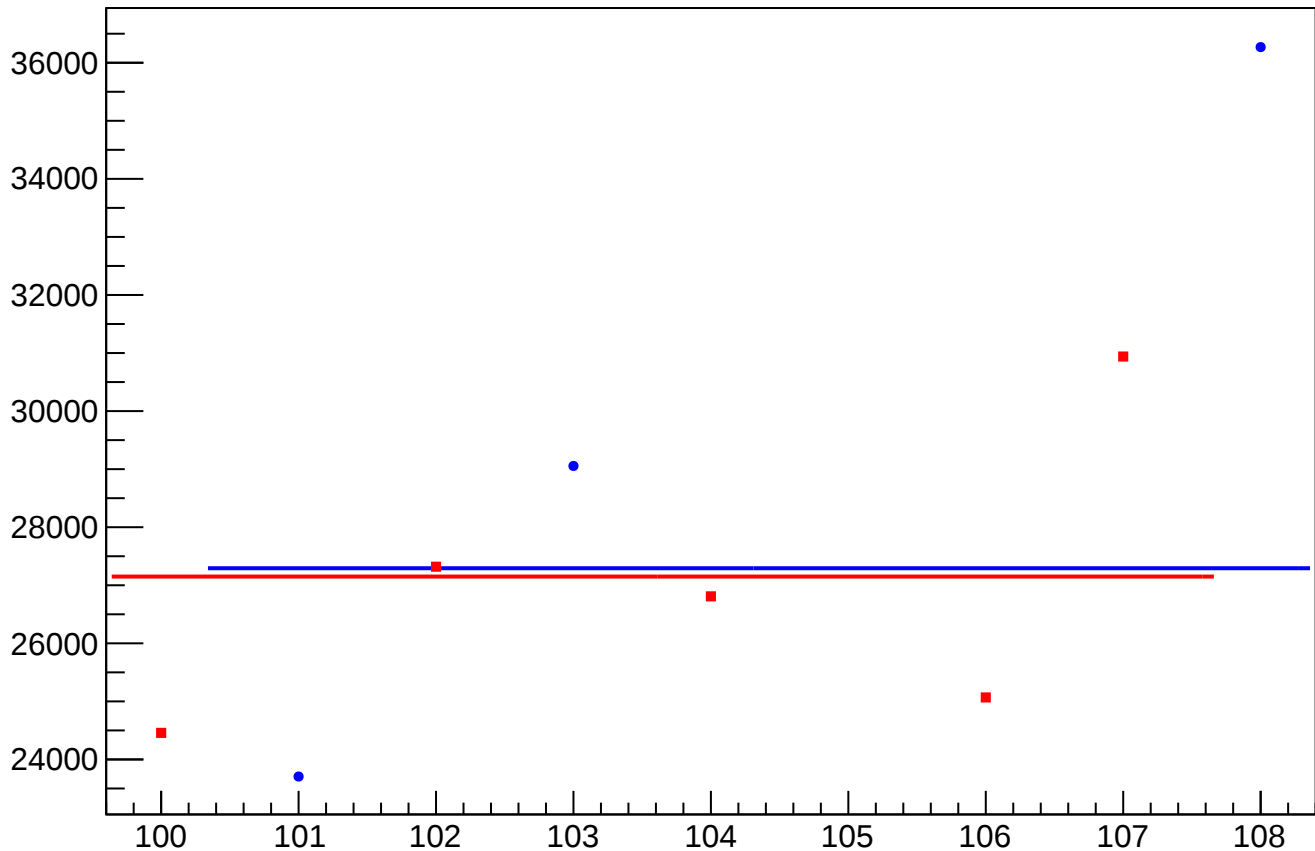
Right: -10.504 $\pm$ 15.123 χ^2 /NDF: 4.3/7

In: -22.324 $\pm$ 22.349 χ^2 /NDF: 0.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.504 $\pm$ 15.123 χ^2 /NDF: 4.3/7

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 27293.521+/-15.803 χ^2/NDF : 77198.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27150.145+/-14.523 χ^2/NDF : 16655.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

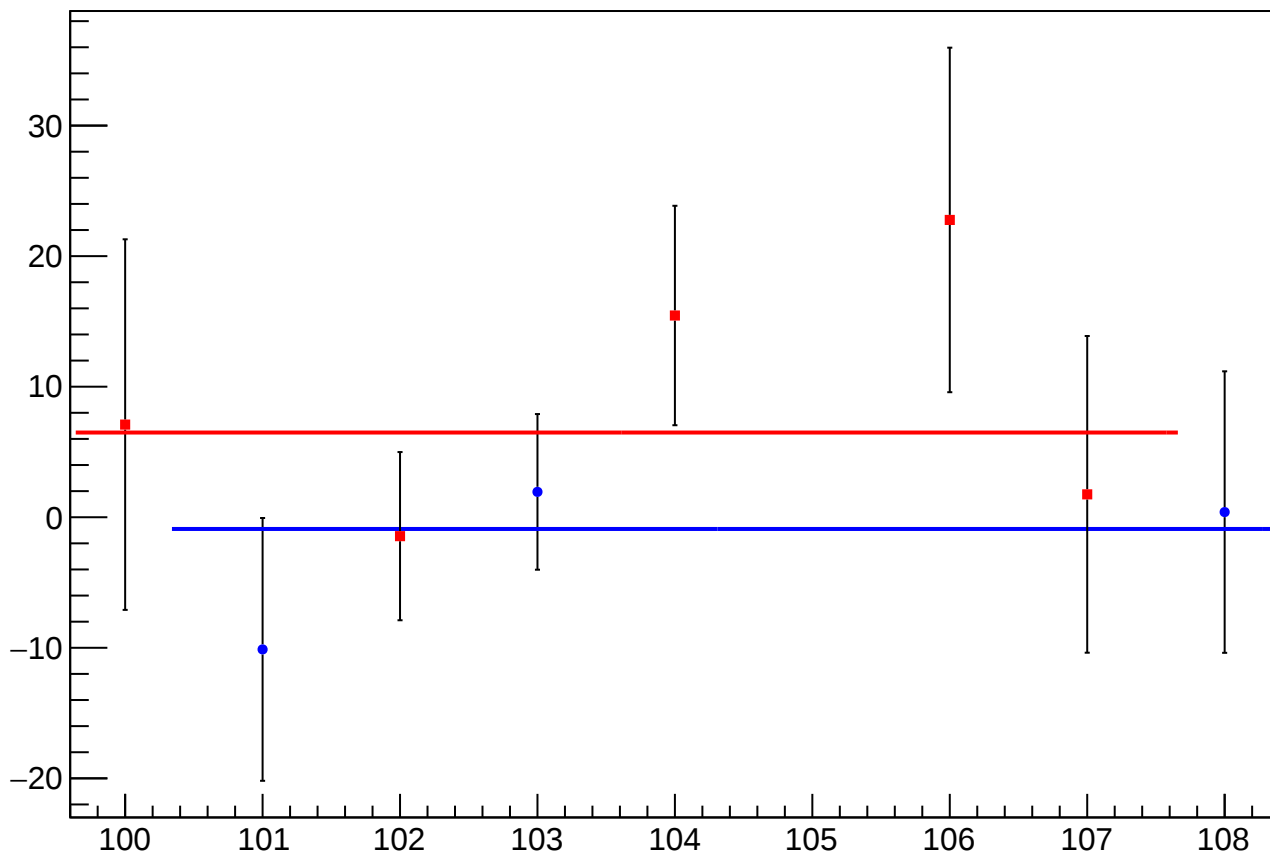
Right: 27215.793+/-10.693 χ^2/NDF : 93897.8/7

In: 27293.521+/-15.803 χ^2/NDF : 77198.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27215.793+/-10.693 χ^2/NDF : 93897.8/7

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -0.898 ± 4.632 χ^2/NDF : 1.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 6.489 ± 4.235 χ^2/NDF : 4.3/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

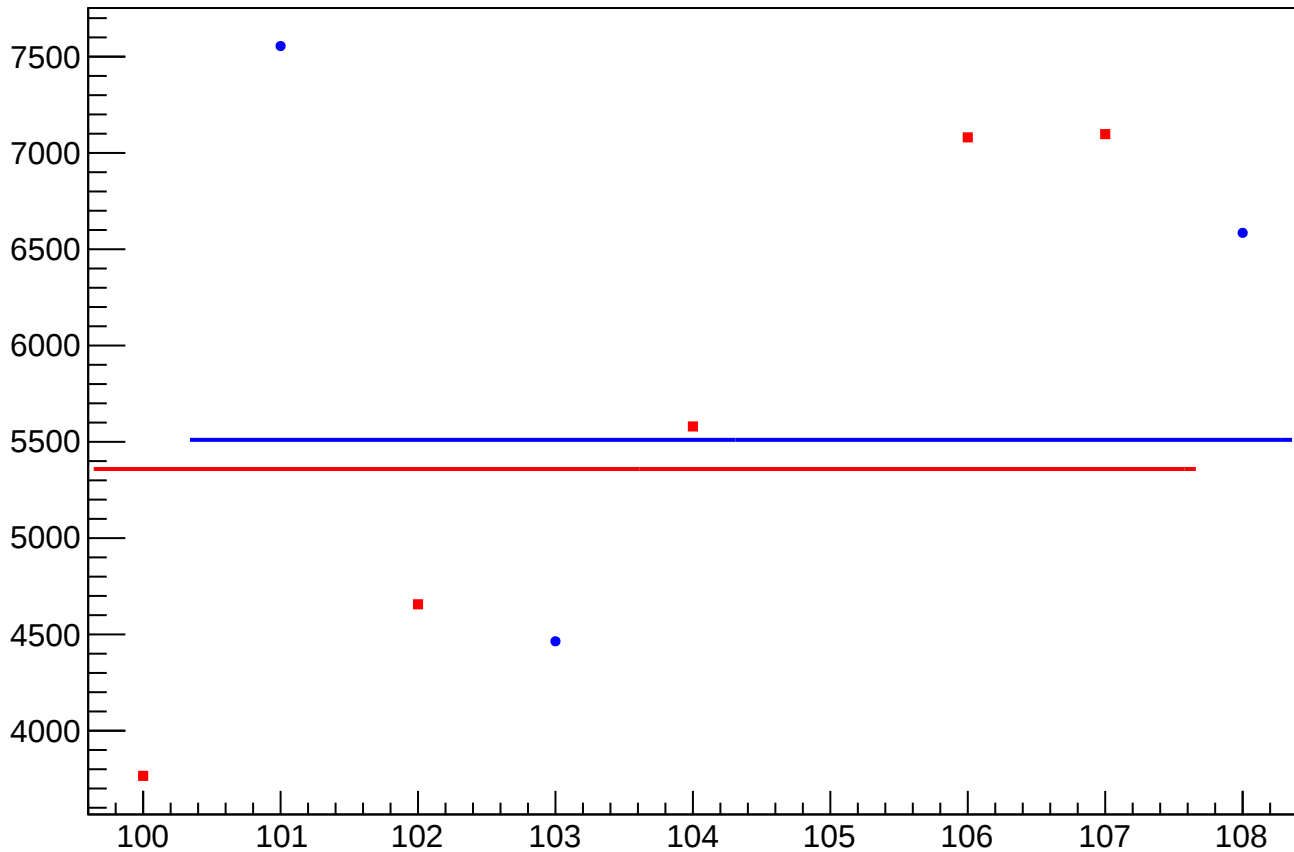
Right: 3.125 ± 3.125 χ^2/NDF : 6.8/7

In: -0.898 ± 4.632 χ^2/NDF : 1.1/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 3.125 ± 3.125 χ^2/NDF : 6.8/7

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5510.330+/-3.275 χ^2/NDF : 163993.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5358.943+/-2.995 χ^2/NDF : 125531.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

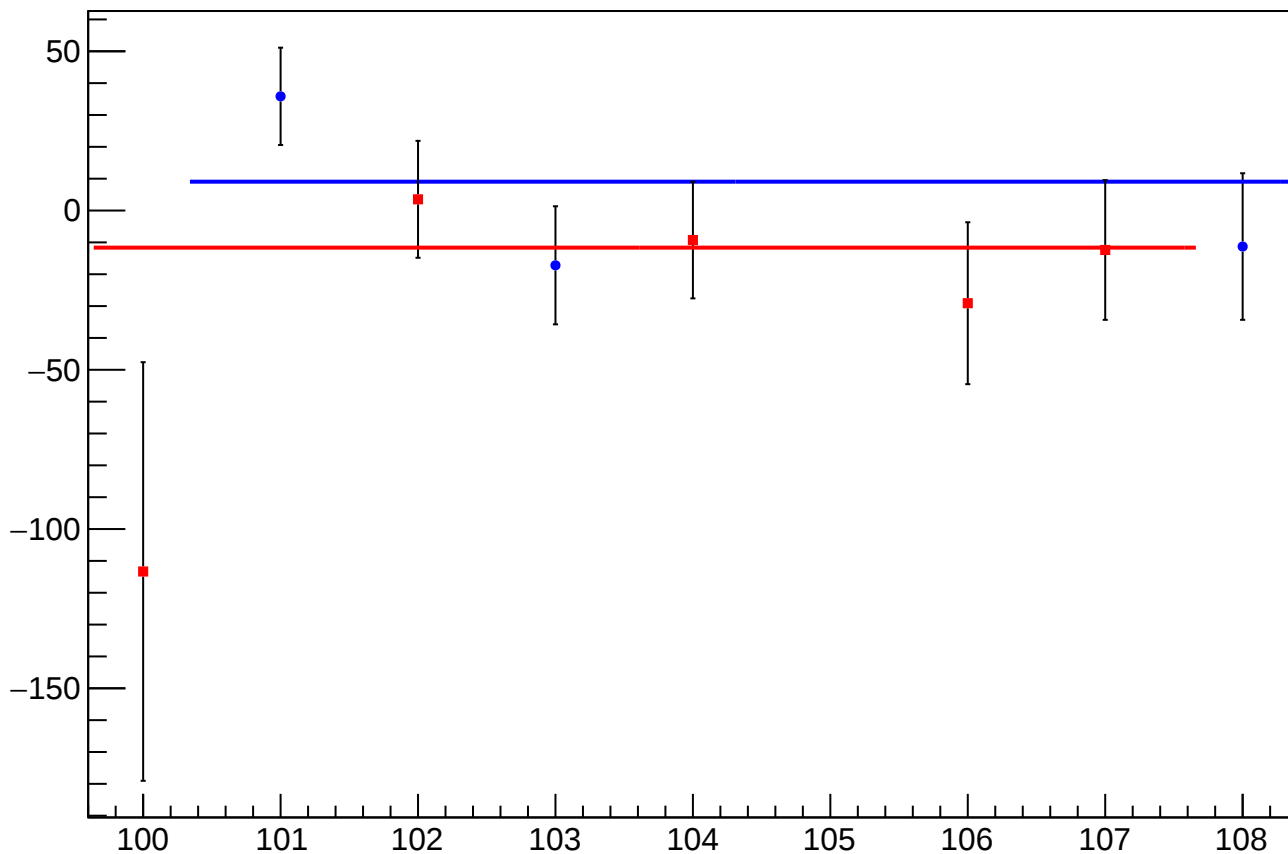
Right: 5427.875+/-2.210 χ^2/NDF : 290688.6/7

In: 5510.330+/-3.275 χ^2/NDF : 163993.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5427.875+/-2.210 χ^2/NDF : 290688.6/7

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 9.058+/-10.491 χ^2/NDF : 5.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.646+/-10.095 χ^2/NDF : 3.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

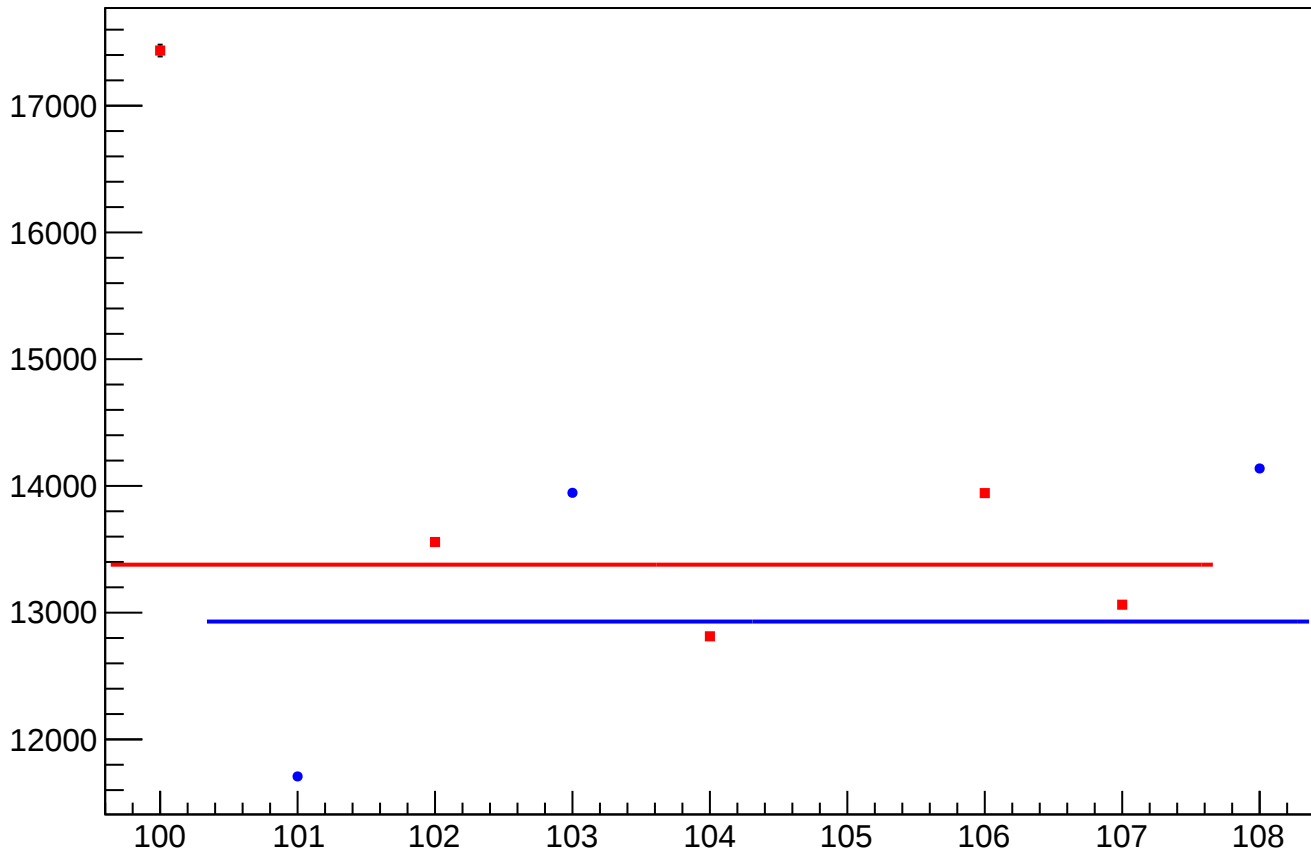
Right: -1.692+/-7.274 χ^2/NDF : 11.5/7

In: 9.058+/-10.491 χ^2/NDF : 5.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.692+/-7.274 χ^2/NDF : 11.5/7

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 12929.867+/-7.418 χ^2/NDF : 24318.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13378.675+/-7.138 χ^2/NDF : 11120.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

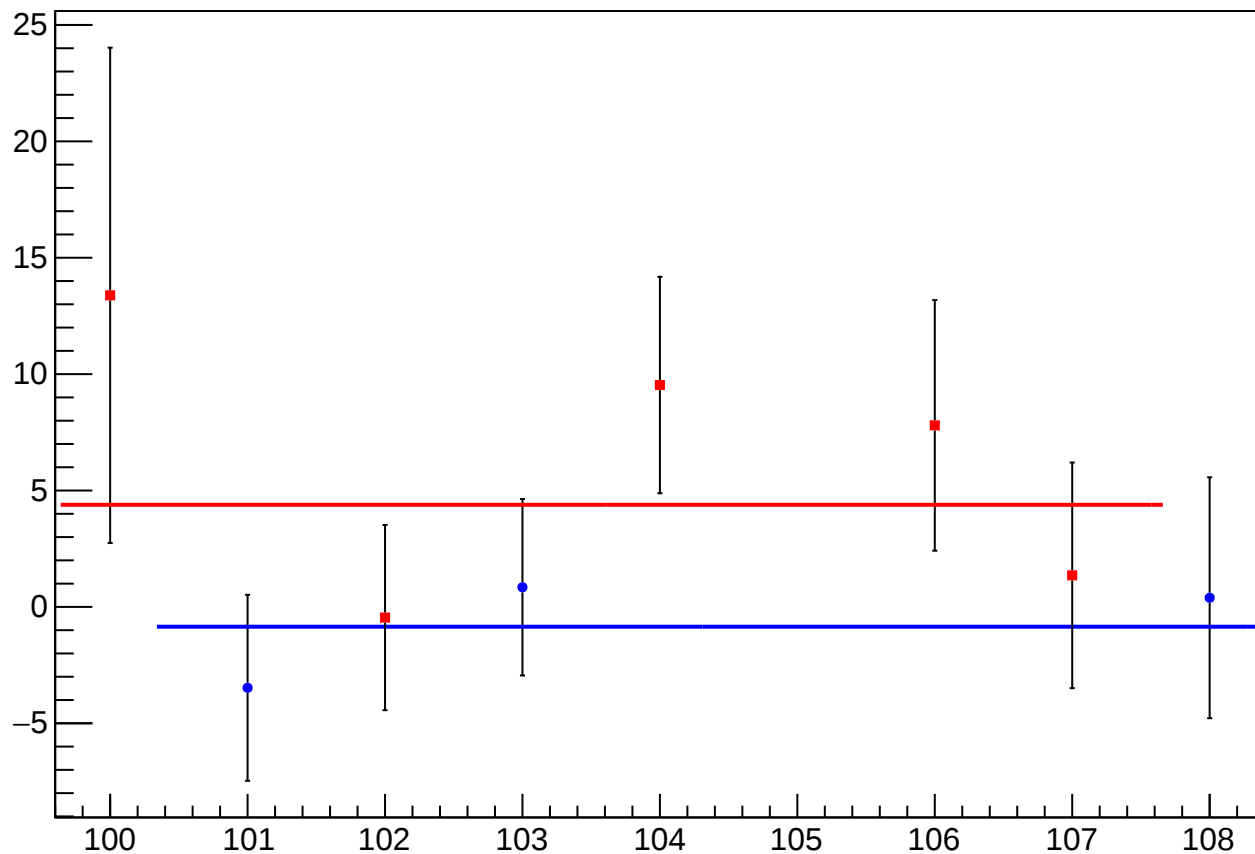
Right: 13162.902+/-5.144 χ^2/NDF : 37339.0/7

In: 12929.867+/-7.418 χ^2/NDF : 24318.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13162.902+/-5.144 χ^2/NDF : 37339.0/7

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.850 $\pm$ 2.428 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.387 $\pm$ 2.262 χ^2 /NDF: 4.2/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

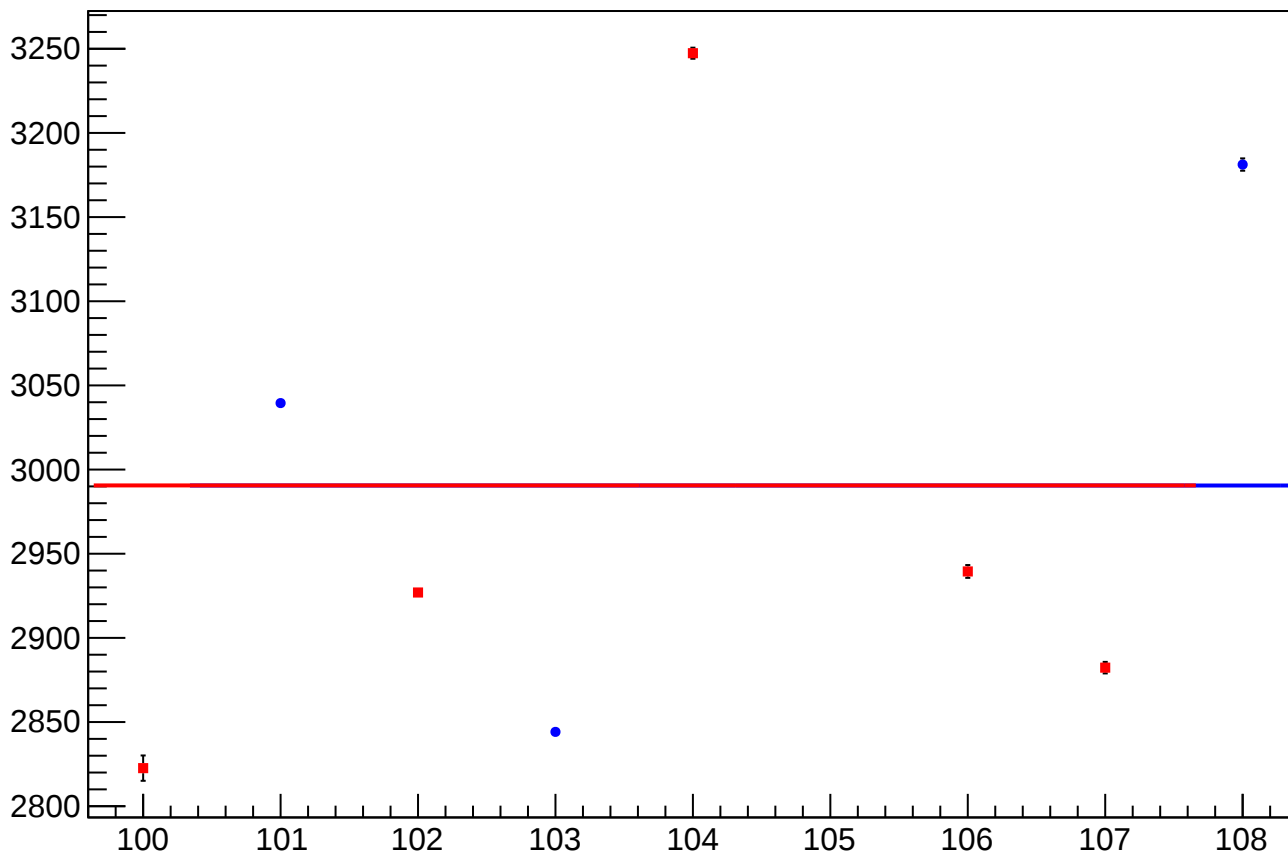
Right: 1.953 $\pm$ 1.655 χ^2 /NDF: 7.4/7

In: -0.850 $\pm$ 2.428 χ^2 /NDF: 0.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.953 $\pm$ 1.655 χ^2 /NDF: 7.4/7

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 2990.528+/-1.717 χ^2/NDF : 5999.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2990.580+/-1.600 χ^2/NDF : 8288.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

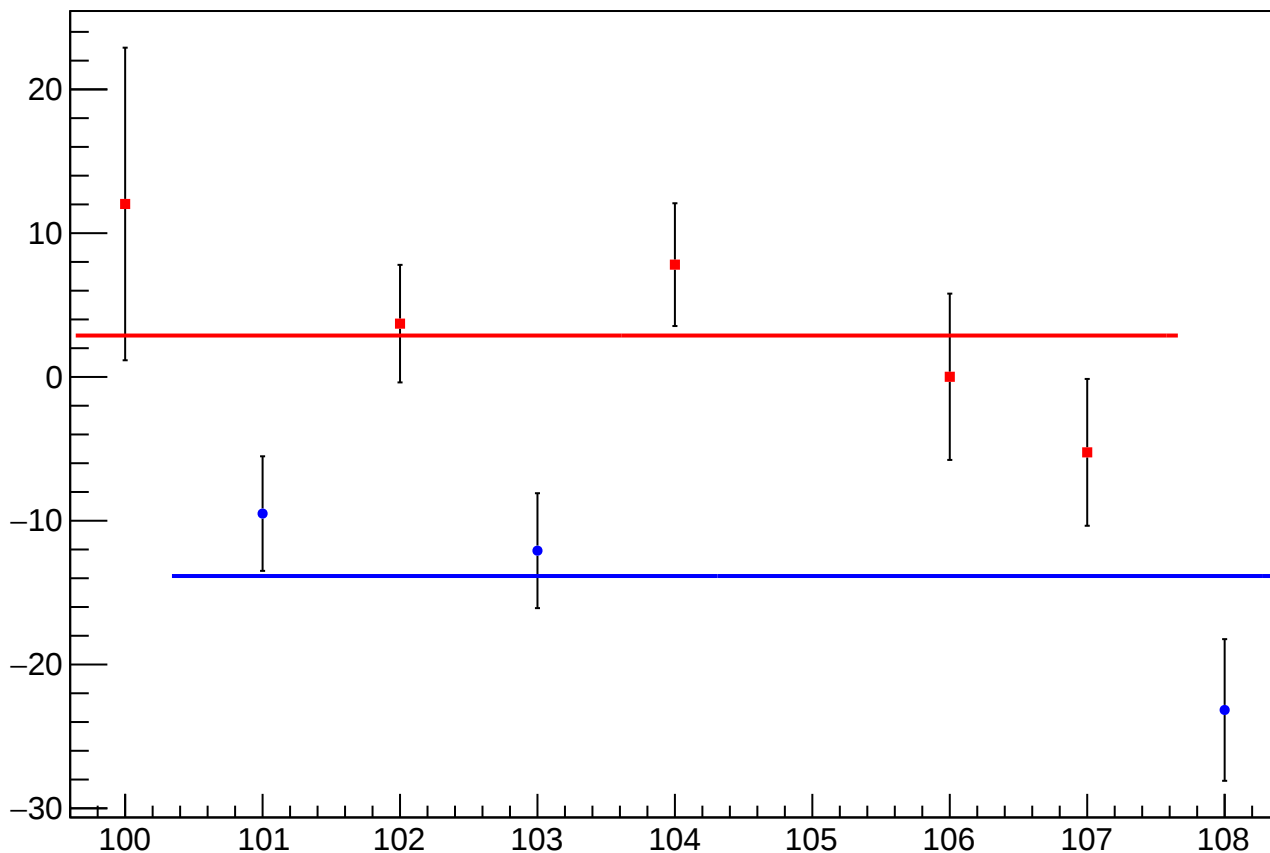
Right: 2990.556+/-1.170 χ^2/NDF : 14287.5/7

In: 2990.528+/-1.717 χ^2/NDF : 5999.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2990.556+/-1.170 χ^2/NDF : 14287.5/7

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -13.845 $\pm$ 2.448 χ^2 /NDF: 5.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.881 $\pm$ 2.286 χ^2 /NDF: 4.9/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

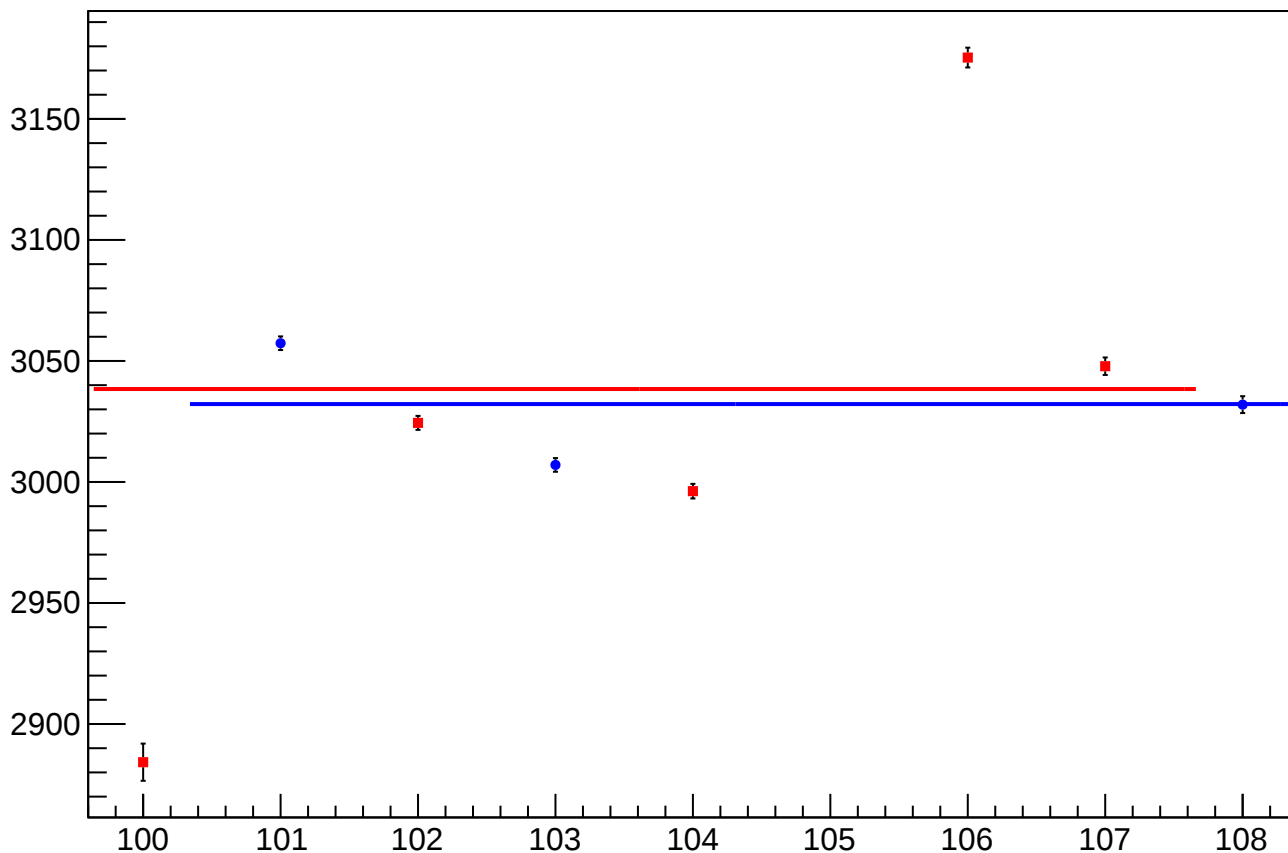
Right: -4.908 $\pm$ 1.671 χ^2 /NDF: 34.8/7

In: -13.845 $\pm$ 2.448 χ^2 /NDF: 5.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -4.908 $\pm$ 1.671 χ^2 /NDF: 34.8/7

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3032.187+/-1.731 χ^2/NDF : 158.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3038.402+/-1.616 χ^2/NDF : 1749.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

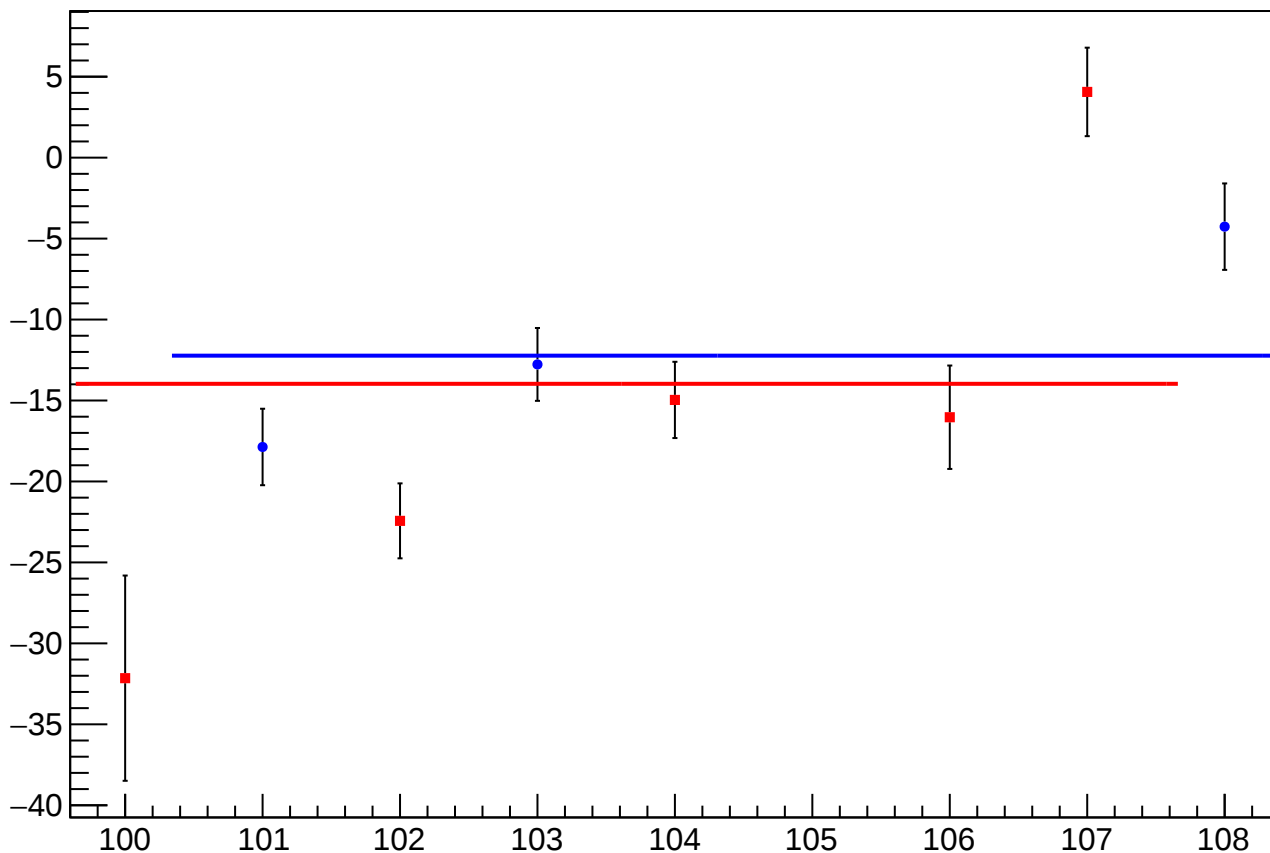
Right: 3035.508+/-1.181 χ^2/NDF : 1915.1/7

In: 3032.187+/-1.731 χ^2/NDF : 158.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3035.508+/-1.181 χ^2/NDF : 1915.1/7

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -12.230+/-1.391 χ^2/NDF : 14.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.969+/-1.266 χ^2/NDF : 65.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

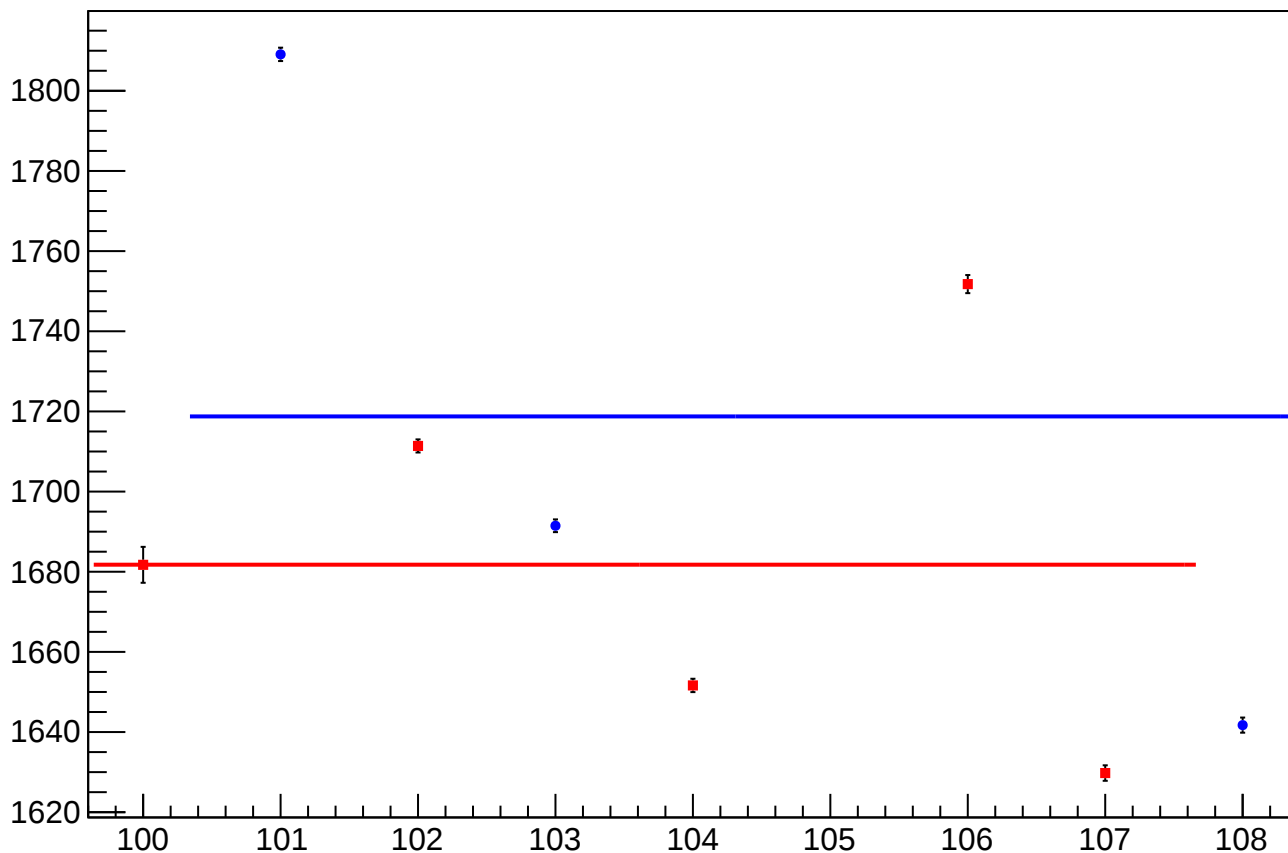
Right: -13.181+/-0.936 χ^2/NDF : 81.2/7

In: -12.230+/-1.391 χ^2/NDF : 14.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.181+/-0.936 χ^2/NDF : 81.2/7

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1718.754 $\pm$ 0.983 χ^2/NDF : 4885.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1681.758 $\pm$ 0.895 χ^2/NDF : 2340.2/4

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

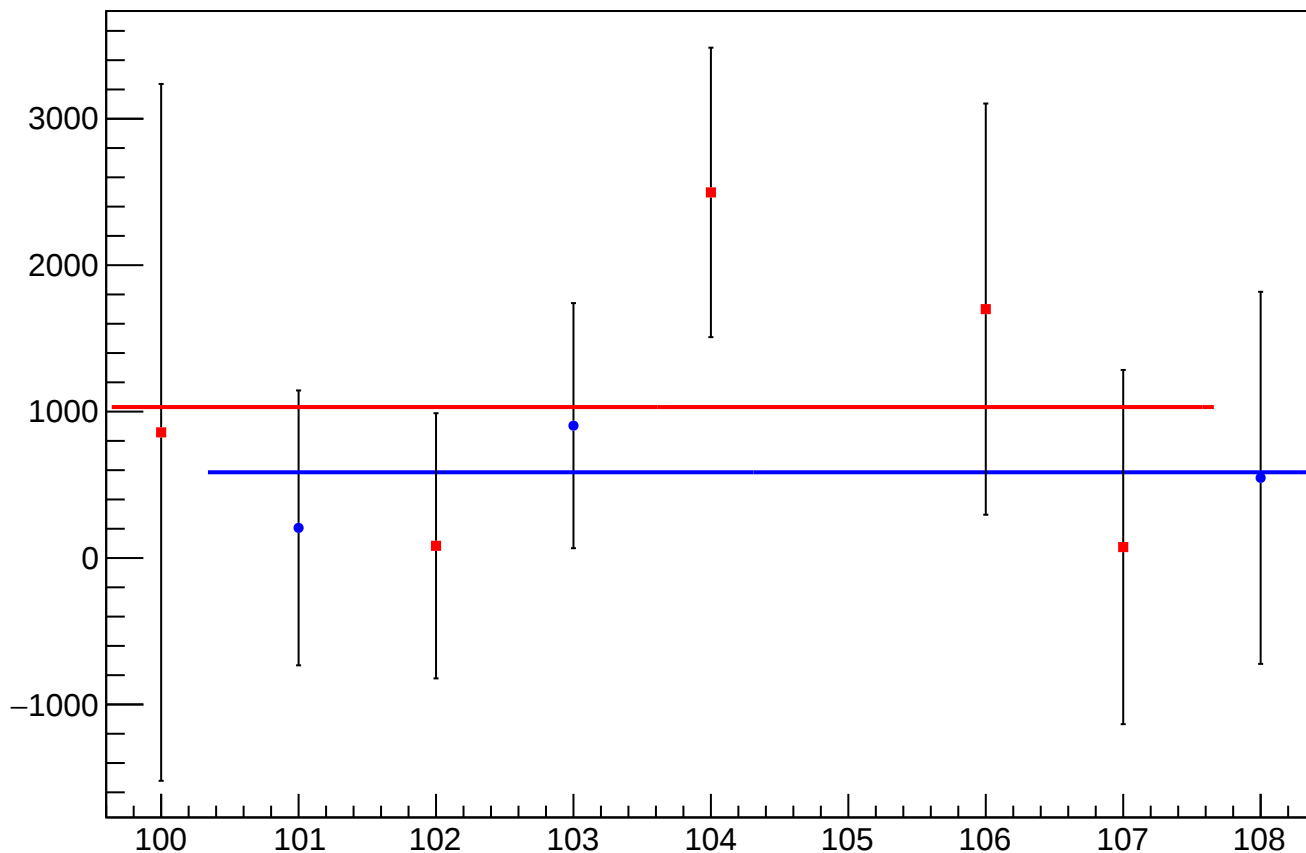
Right: 1698.526 $\pm$ 0.662 χ^2/NDF : 7999.7/7

In: 1718.754 $\pm$ 0.983 χ^2/NDF : 4885.5/2

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1698.526 $\pm$ 0.662 χ^2/NDF : 7999.7/7

asym_sam1_mean vs Slug, Sign Corrected



Right In: 585.641+/-560.623 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1031.094+/-526.308 χ^2/NDF : 4.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

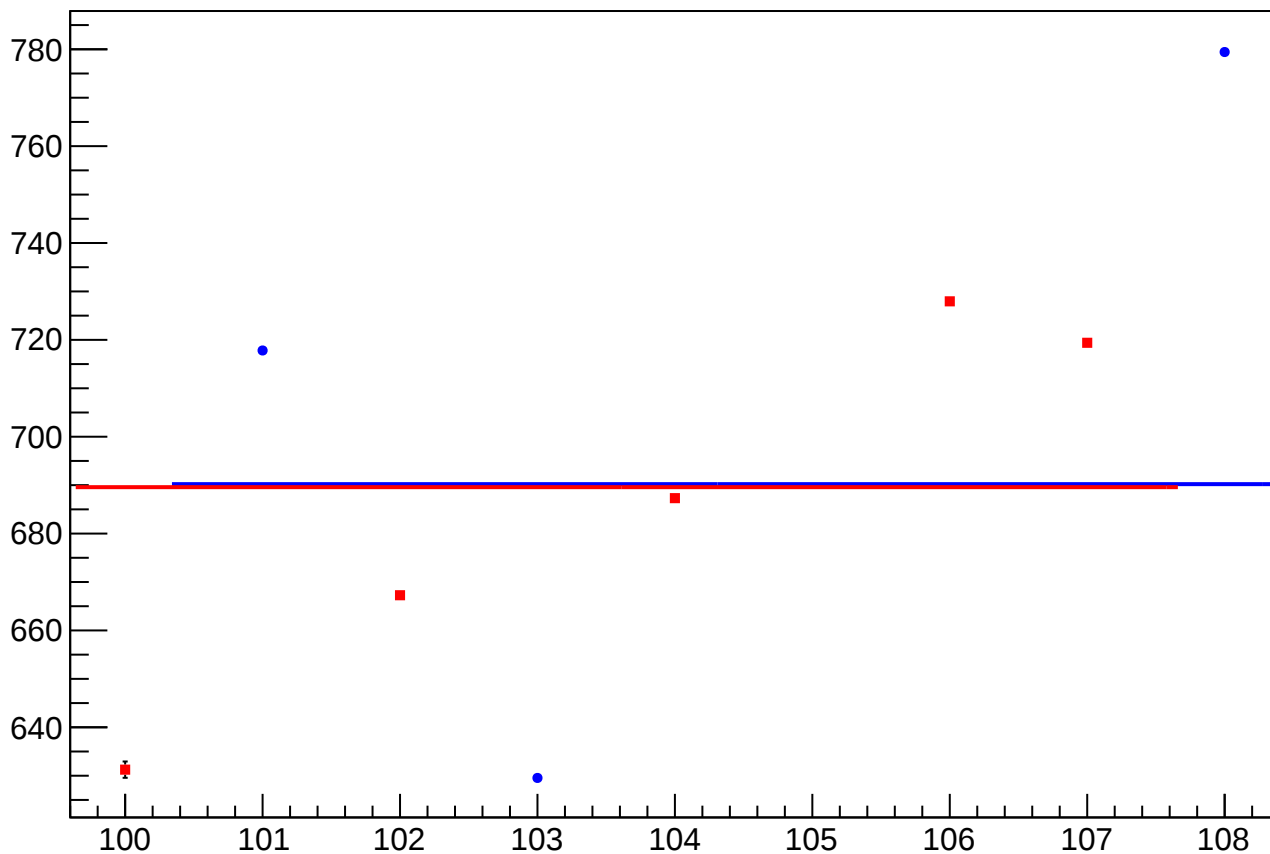
Right: 822.417+/-383.714 χ^2/NDF : 4.8/7

In: 585.641+/-560.623 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 822.417+/-383.714 χ^2/NDF : 4.8/7

asym_sam1_rms vs Slug, Sign Corrected



Right In: 690.207 $\pm$ 0.396 χ^2 /NDF: 22098.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 689.584 $\pm$ 0.372 χ^2 /NDF: 5135.4/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

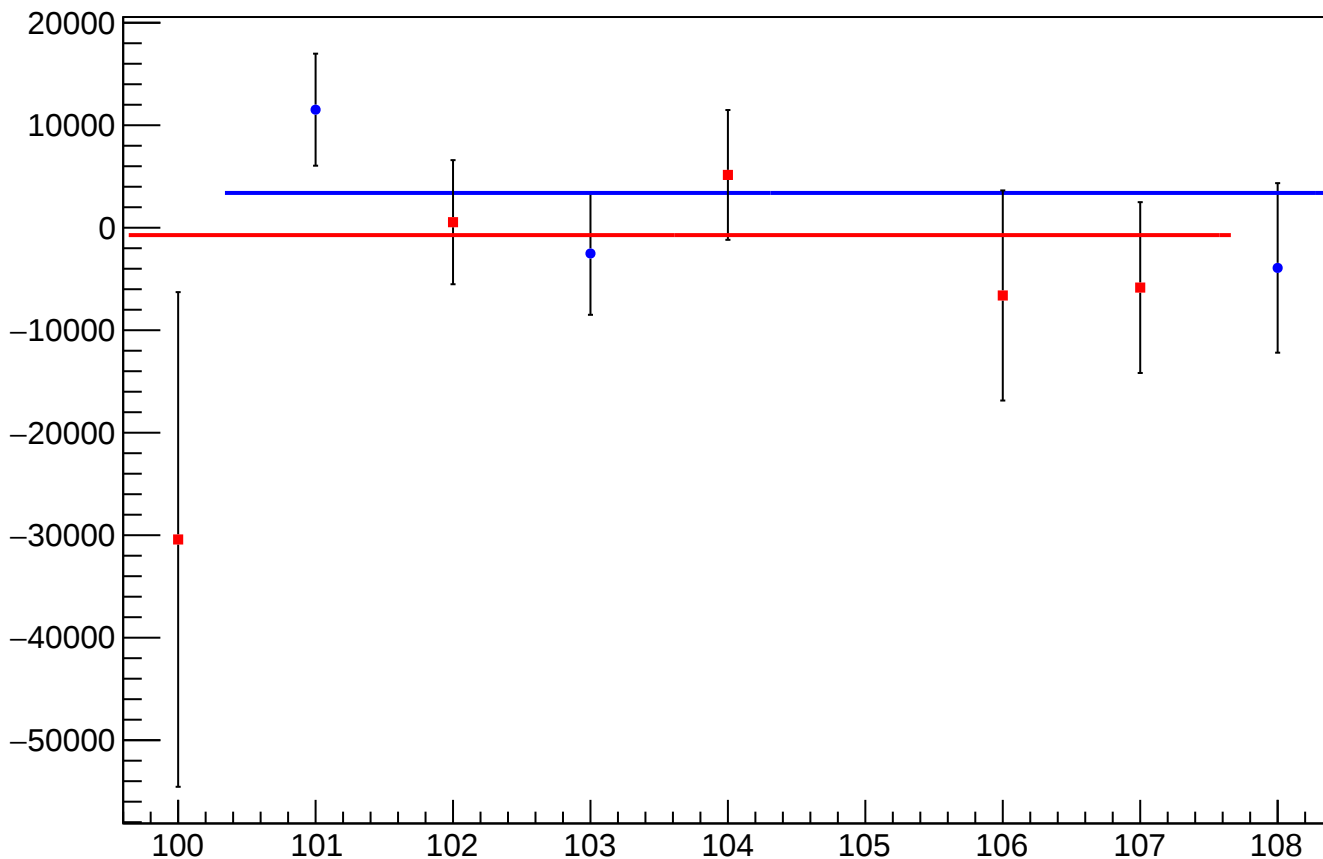
Right: 689.876 $\pm$ 0.271 χ^2 /NDF: 27235.1/7

In: 690.207 $\pm$ 0.396 χ^2 /NDF: 22098.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 689.876 $\pm$ 0.271 χ^2 /NDF: 27235.1/7

asym_sam2_mean vs Slug, Sign Corrected



Right In: 3395.373+/-3626.824 χ^2/NDF : 4.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -718.955+/-3584.123 χ^2/NDF : 3.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

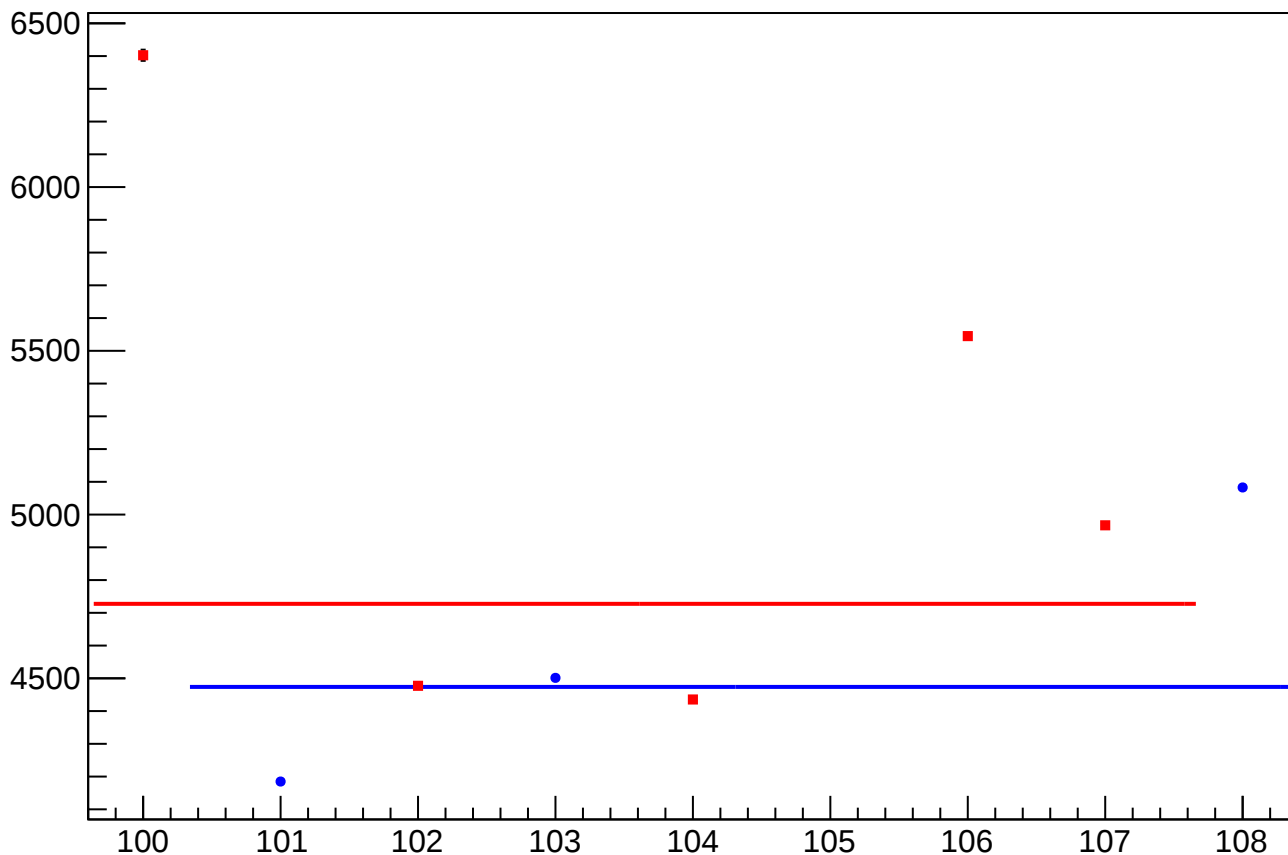
Right: 1313.846+/-2549.320 χ^2/NDF : 7.7/7

In: 3395.373+/-3626.824 χ^2/NDF : 4.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1313.846+/-2549.320 χ^2/NDF : 7.7/7

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4473.786 $\pm$ 2.565 χ^2 /NDF: 16474.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4727.446 $\pm$ 2.534 χ^2 /NDF: 31683.6/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

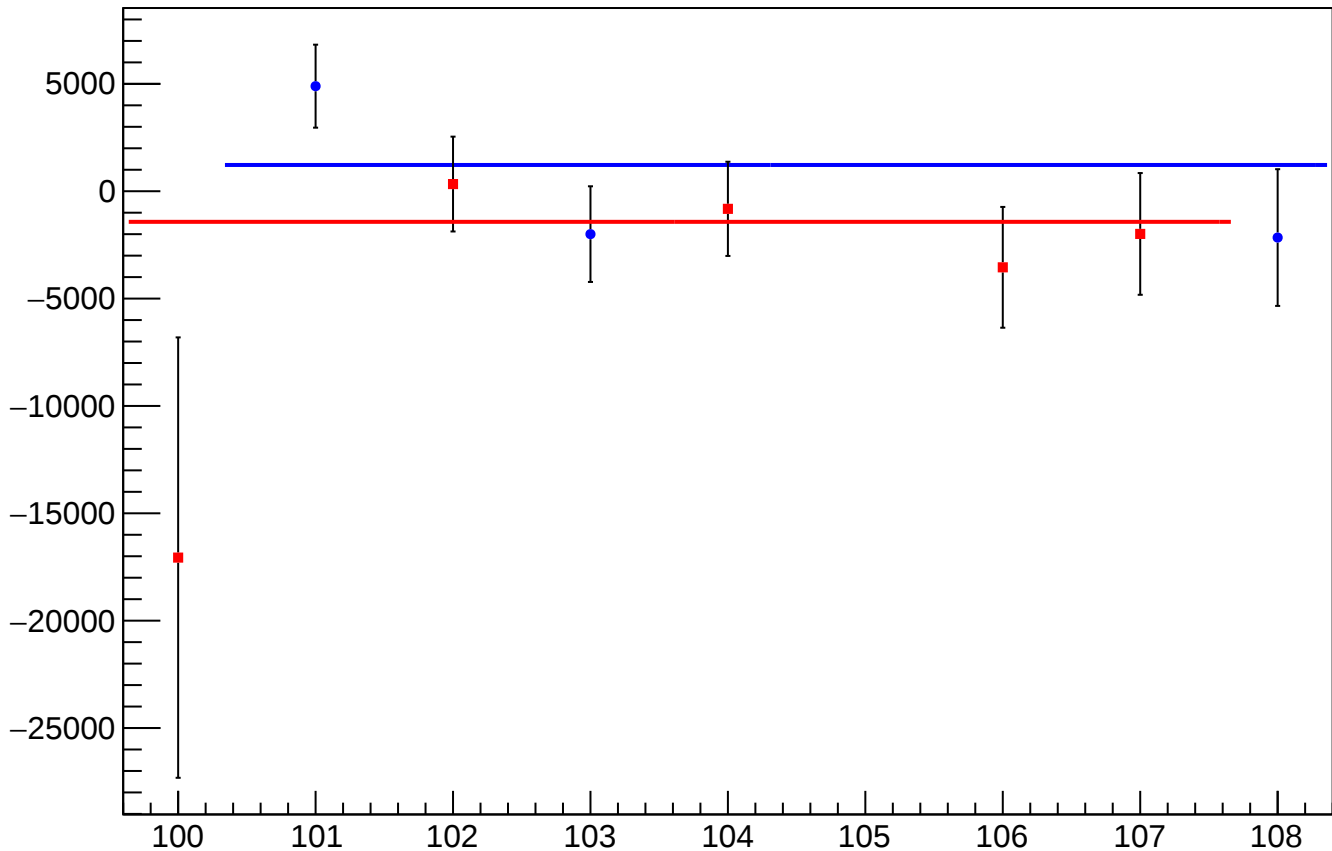
Right: 4602.118 $\pm$ 1.803 χ^2 /NDF: 53107.2/7

In: 4473.786 $\pm$ 2.565 χ^2 /NDF: 16474.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4602.118 $\pm$ 1.803 χ^2 /NDF: 53107.2/7

asym_sam3_mean vs Slug, Sign Corrected



Right In: 1222.780+/-1326.978 χ^2/NDF : 6.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1425.438+/-1218.815 χ^2/NDF : 3.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

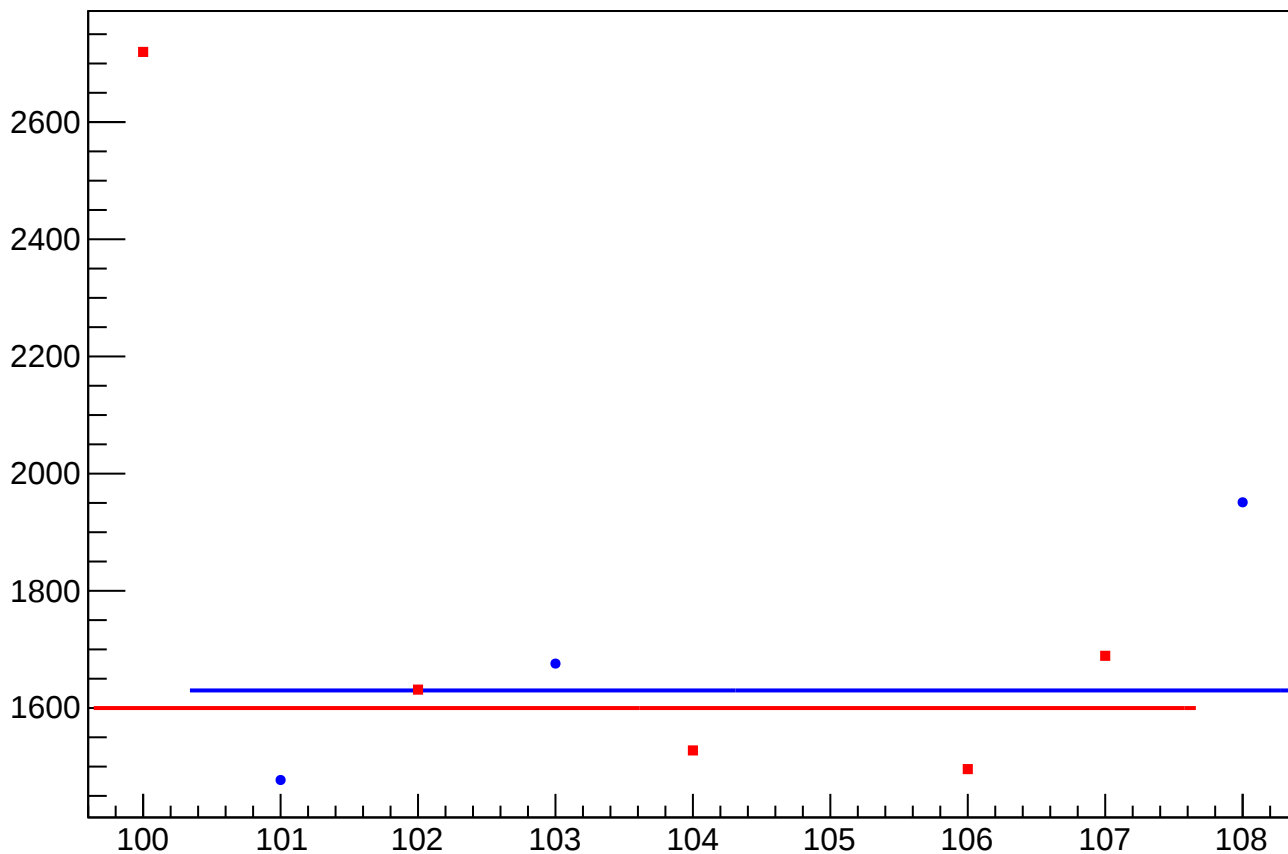
Right: -213.642+/-897.639 χ^2/NDF : 12.6/7

In: 1222.780+/-1326.978 χ^2/NDF : 6.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -213.642+/-897.639 χ^2/NDF : 12.6/7

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1629.960+/-0.938 χ^2/NDF : 33701.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1599.908+/-0.862 χ^2/NDF : 31149.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

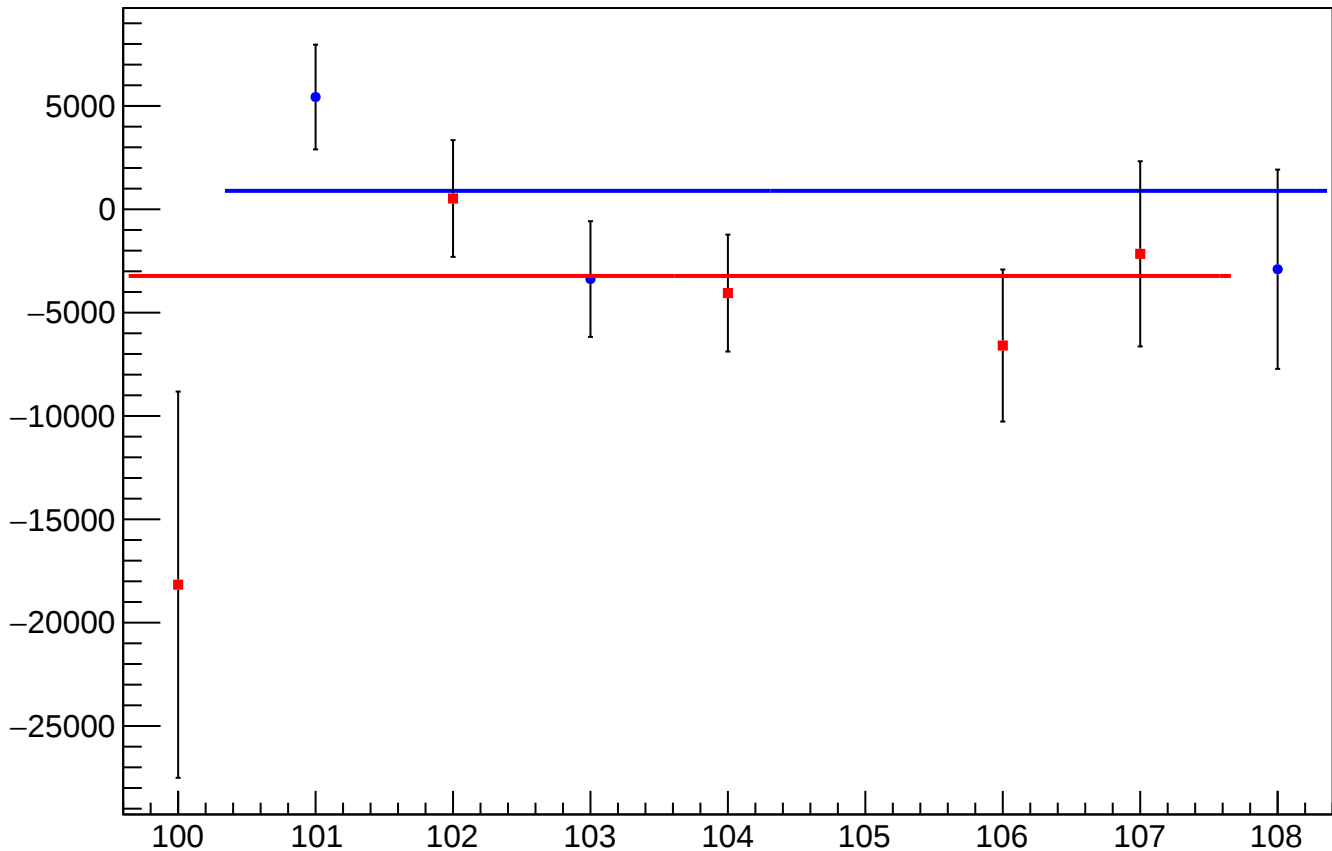
Right: 1613.659+/-0.635 χ^2/NDF : 65407.9/7

In: 1629.960+/-0.938 χ^2/NDF : 33701.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1613.659+/-0.635 χ^2/NDF : 65407.9/7

asym_sam4_mean vs Slug, Sign Corrected



Right In: 893.269+/-1750.104 χ^2 /NDF: 6.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3224.778+/-1610.766 χ^2 /NDF: 5.3/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

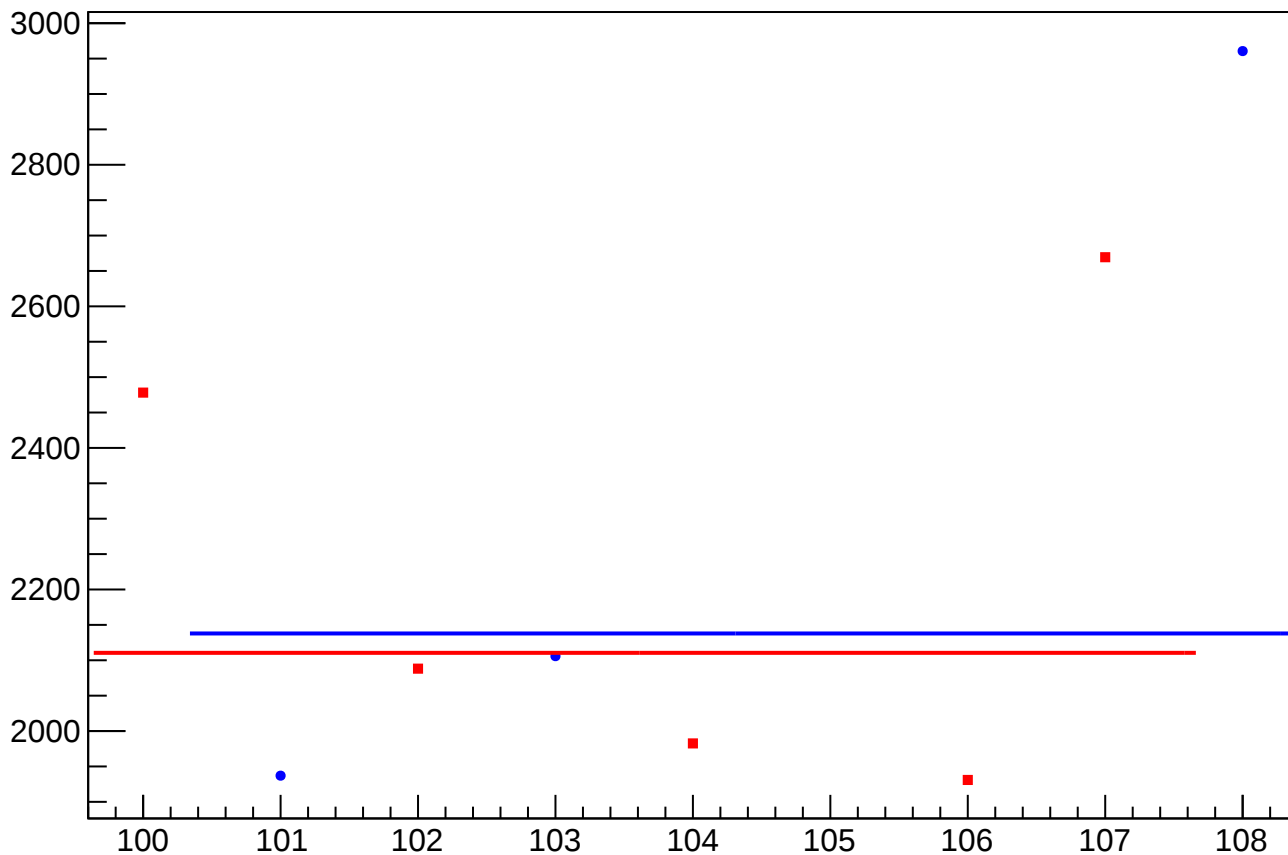
Right: -1336.190+/-1185.186 χ^2 /NDF: 14.4/7

In: 893.269+/-1750.104 χ^2 /NDF:6.2/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1336.190+/-1185.186 χ^2 /NDF: 14.4/7

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2137.869+/-1.238 χ^2/NDF : 71100.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2110.502+/-1.139 χ^2/NDF : 43191.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

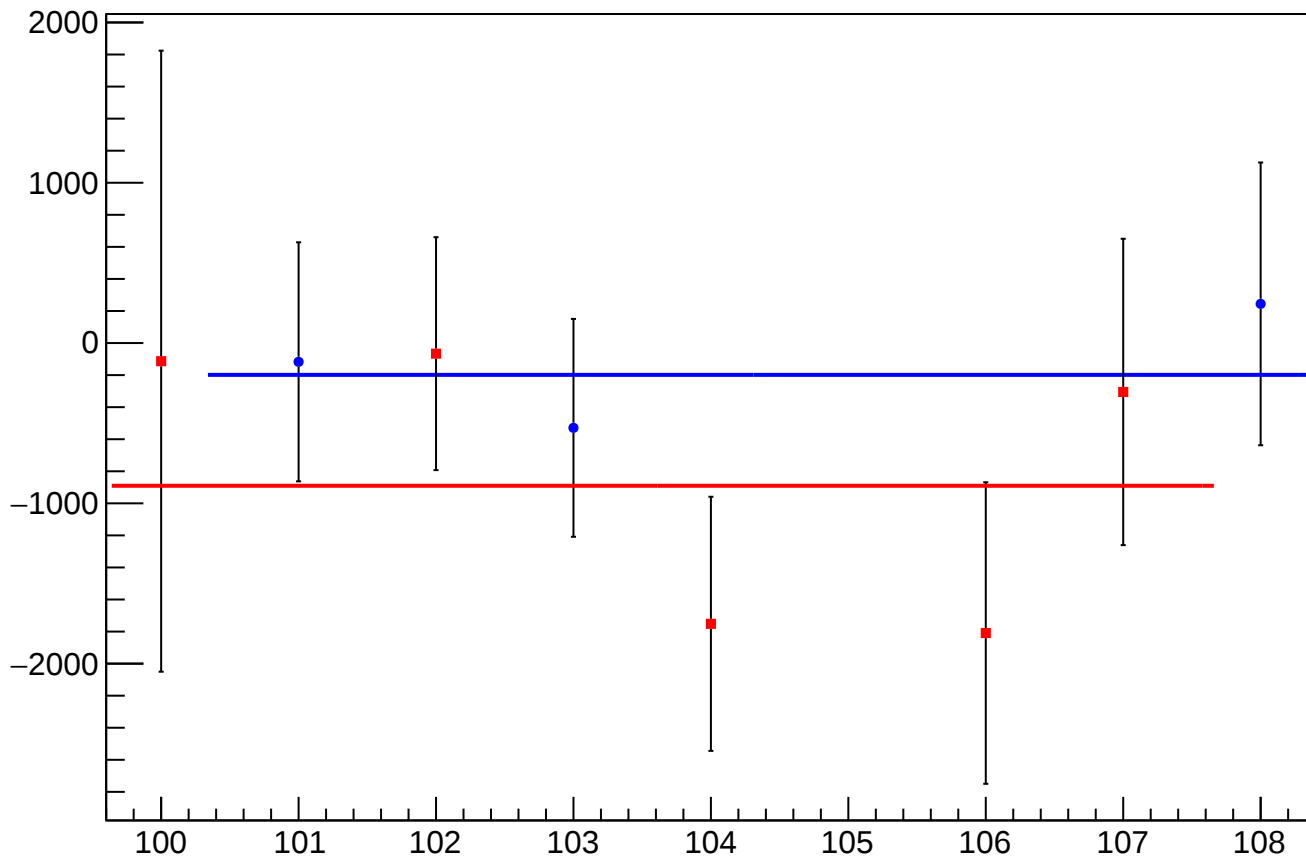
Right: 2123.053+/-0.838 χ^2/NDF : 114556.7/7

In: 2137.869+/-1.238 χ^2/NDF : 71100.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2123.053+/-0.838 χ^2/NDF : 114556.7/7

asym_sam5_mean vs Slug, Sign Corrected



Right In: -198.488+/-436.488 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -890.439+/-409.005 χ^2/NDF : 4.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

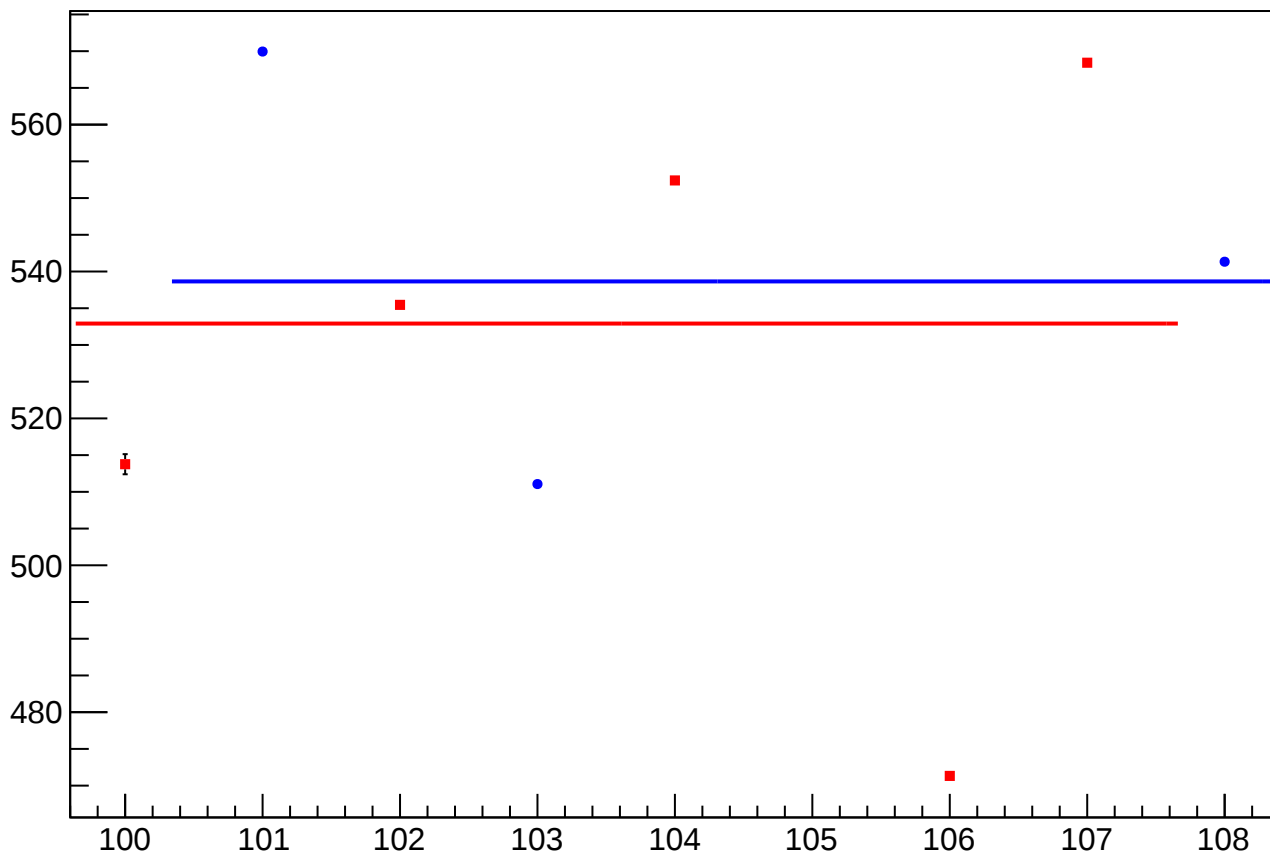
Right: -566.933+/-298.453 χ^2/NDF : 5.8/7

In: -198.488+/-436.488 χ^2/NDF : 0.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -566.933+/-298.453 χ^2/NDF : 5.8/7

asym_sam5_rms vs Slug, Sign Corrected



Right In: 538.651 $\pm$ 0.309 χ^2 /NDF: 6837.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 532.913 $\pm$ 0.289 χ^2 /NDF: 12767.9/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

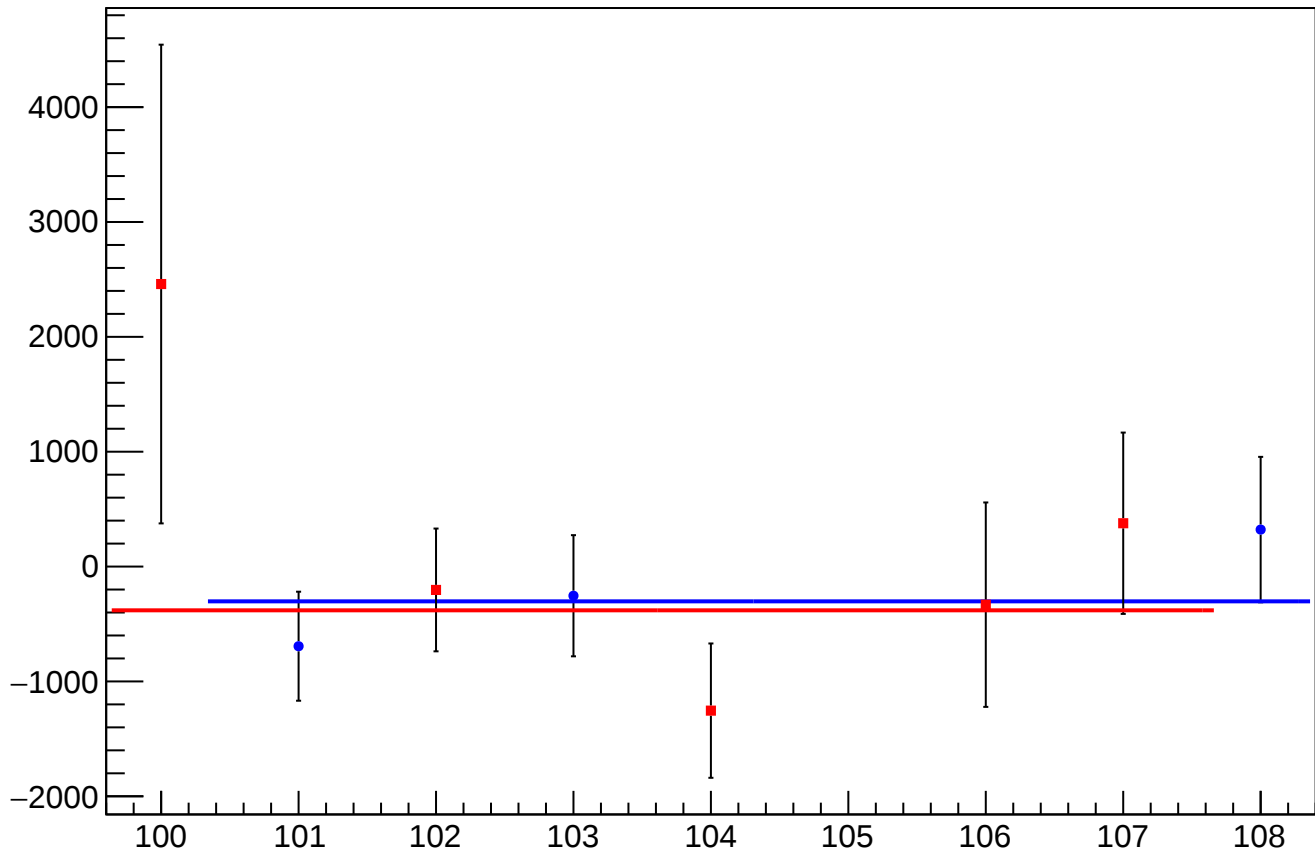
Right: 535.595 $\pm$ 0.211 χ^2 /NDF: 19789.9/7

In: 538.651 $\pm$ 0.309 χ^2 /NDF:6837.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 535.595 $\pm$ 0.211 χ^2 /NDF: 19789.9/7

asym_sam6_mean vs Slug, Sign Corrected



Right In: -302.841+/-308.202 χ^2/NDF : 1.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -380.960+/-324.037 χ^2/NDF : 5.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

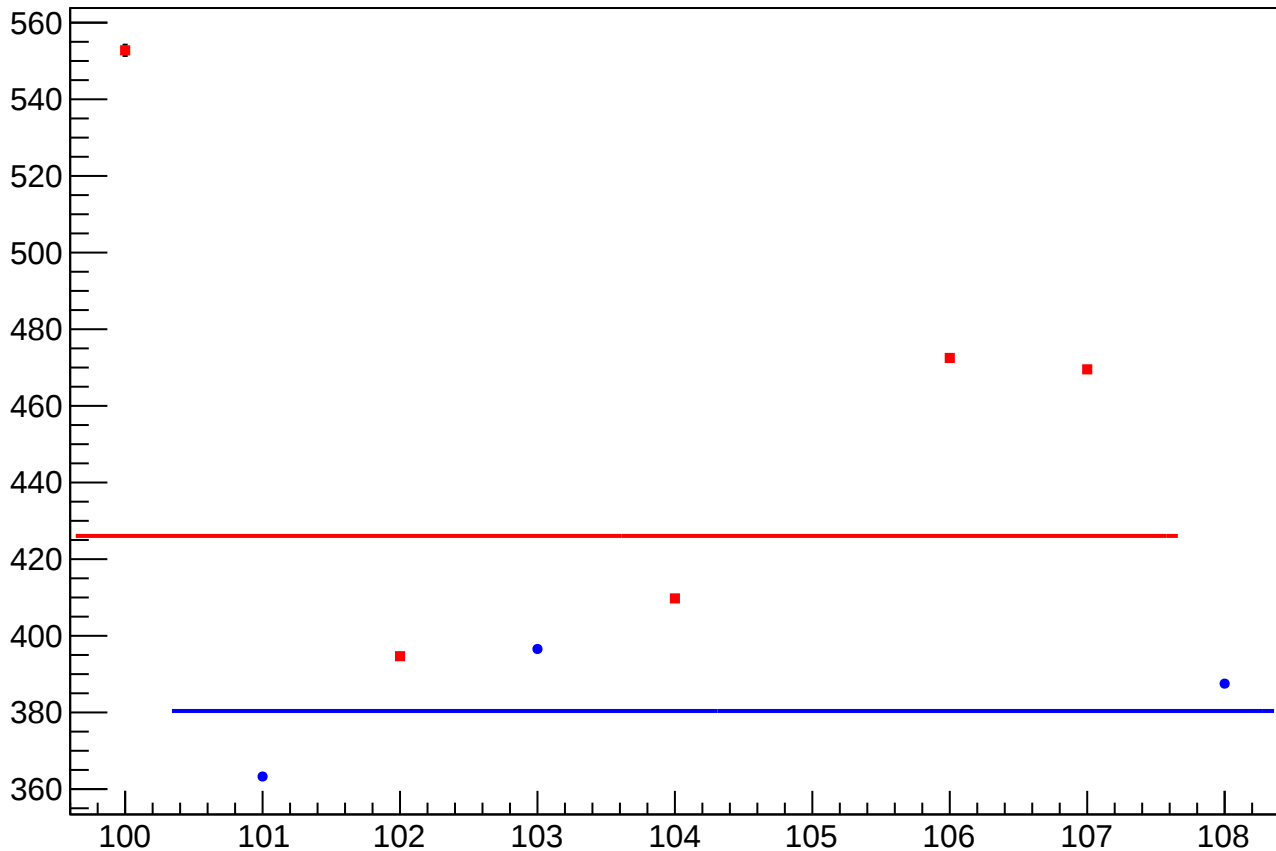
Right: -339.945+/-223.320 χ^2/NDF : 6.8/7

In: -302.841+/-308.202 χ^2/NDF : 1.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -339.945+/-223.320 χ^2/NDF : 6.8/7

asym_sam6_rms vs Slug, Sign Corrected



Right In: 380.388+/-0.218 χ^2/NDF : 4731.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 426.066+/-0.229 χ^2/NDF : 27358.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

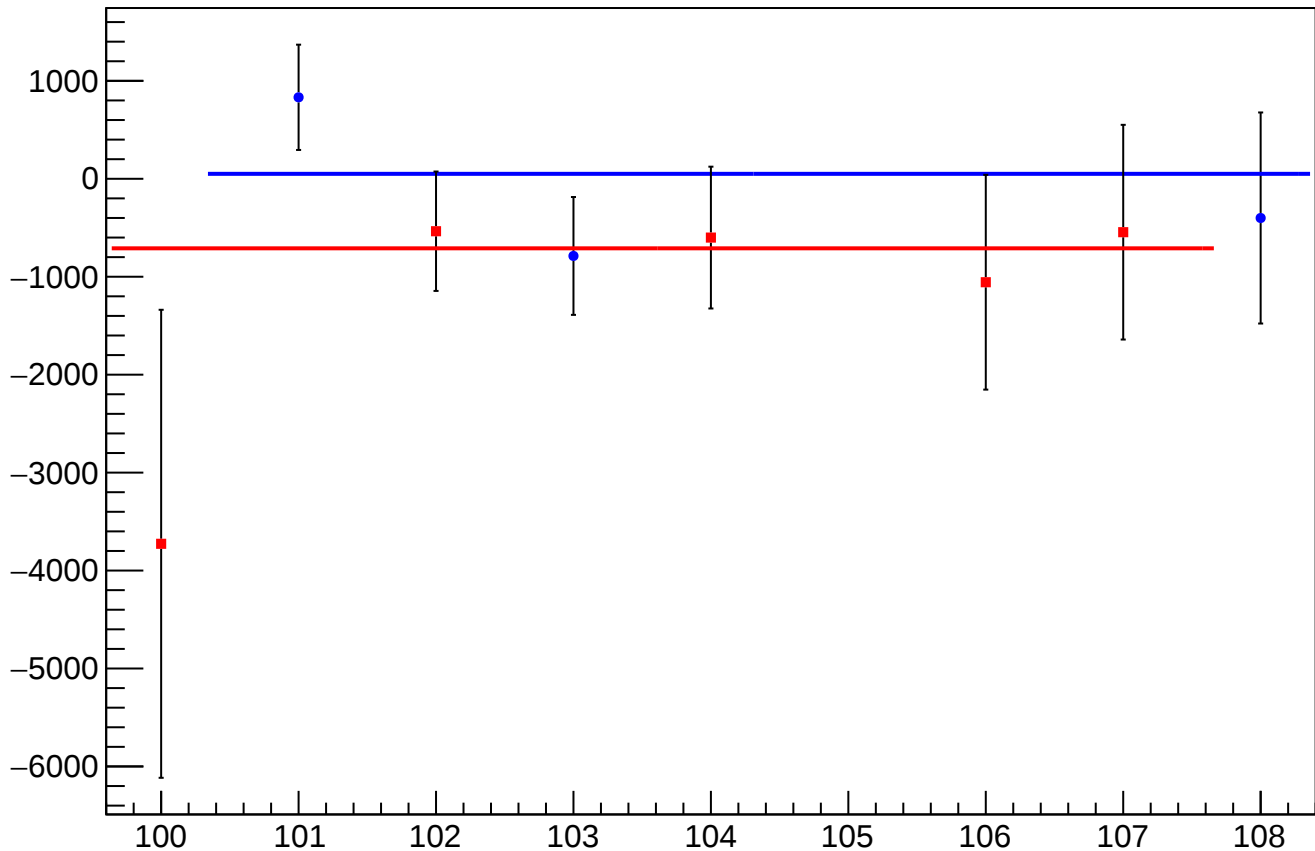
Right: 402.083+/-0.158 χ^2/NDF : 52956.4/7

In: 380.388+/-0.218 χ^2/NDF : 4731.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 402.083+/-0.158 χ^2/NDF : 52956.4/7

asym_sam7_mean vs Slug, Sign Corrected



Right In: 50.595+/-375.685 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -709.981+/-394.086 χ^2/NDF : 1.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

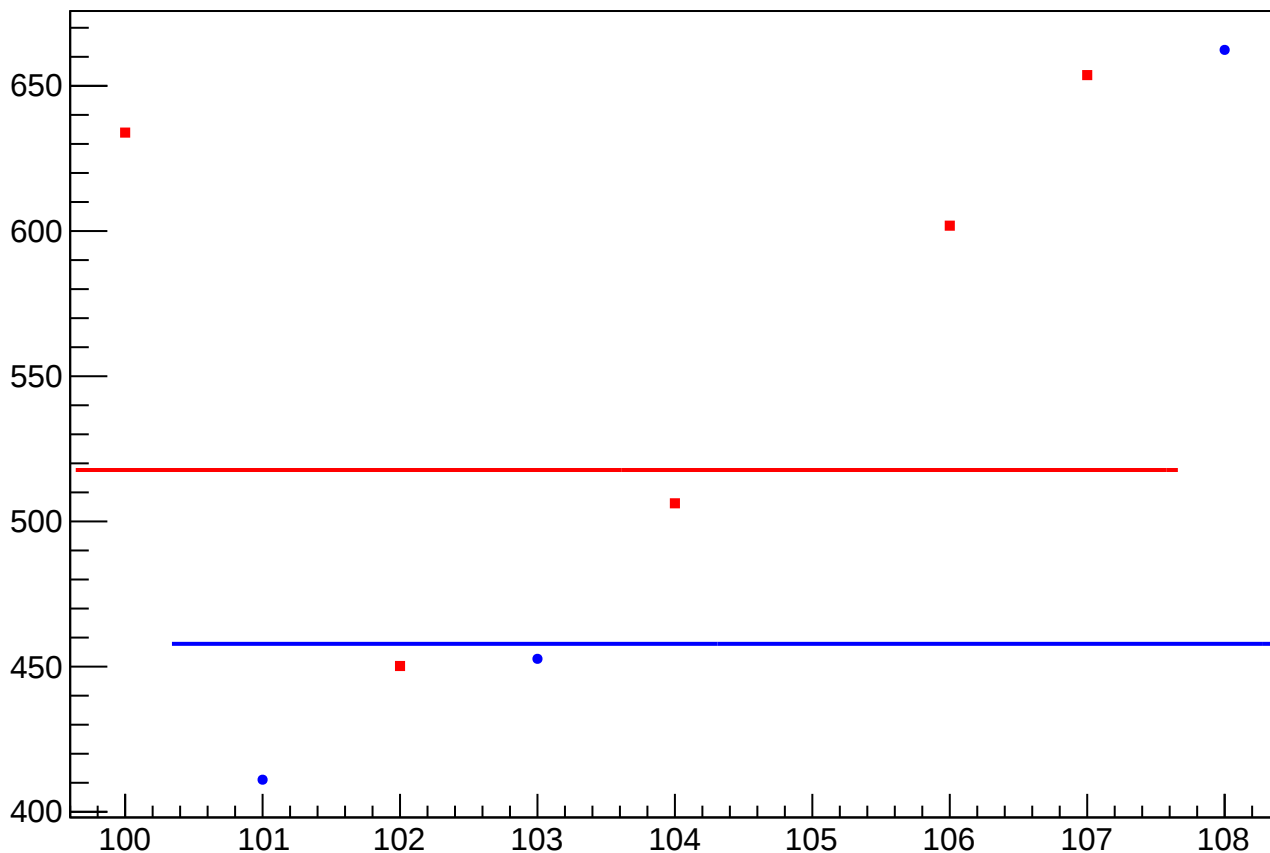
Right: -311.522+/-271.922 χ^2/NDF : 8.0/7

In: 50.595+/-375.685 χ^2/NDF : 4.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -311.522+/-271.922 χ^2/NDF : 8.0/7

asym_sam7_rms vs Slug, Sign Corrected



Right In: 457.848 $\pm$ 0.266 χ^2 /NDF: 87379.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 517.711 $\pm$ 0.279 χ^2 /NDF: 72324.8/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

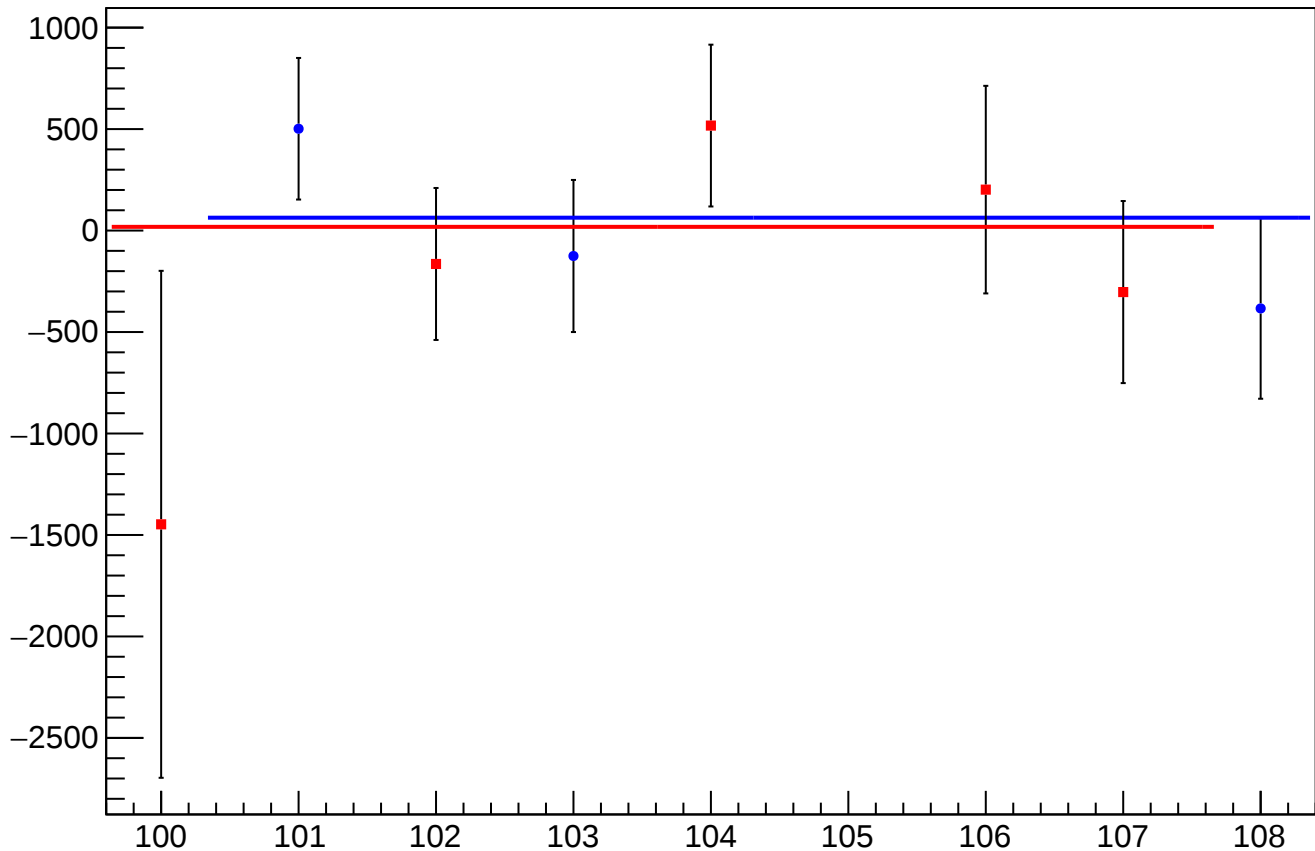
Right: 486.349 $\pm$ 0.192 χ^2 /NDF: 183882.2/7

In: 457.848 $\pm$ 0.266 χ^2 /NDF: 87379.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 486.349 $\pm$ 0.192 χ^2 /NDF: 183882.2/7

asym_sam8_mean vs Slug, Sign Corrected



Right In: 63.439+/-221.480 χ^2/NDF : 2.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.312+/-209.161 χ^2/NDF : 3.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

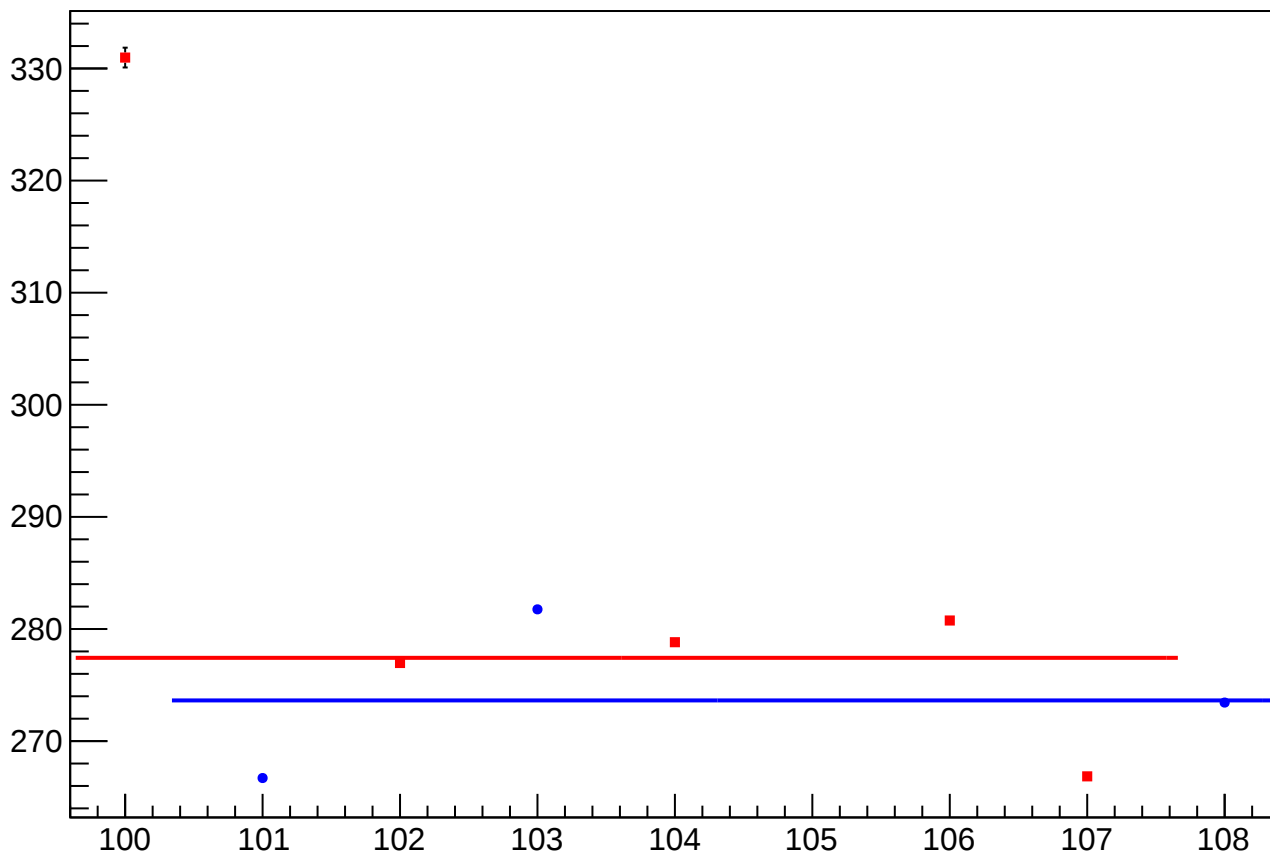
Right: 39.585+/-152.068 χ^2/NDF : 6.7/7

In: 63.439+/-221.480 χ^2/NDF : 2.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.585+/-152.068 χ^2/NDF : 6.7/7

asym_sam8_rms vs Slug, Sign Corrected



Right In: 273.630+/-0.157 χ^2/NDF : 1727.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 277.429+/-0.148 χ^2/NDF : 4898.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

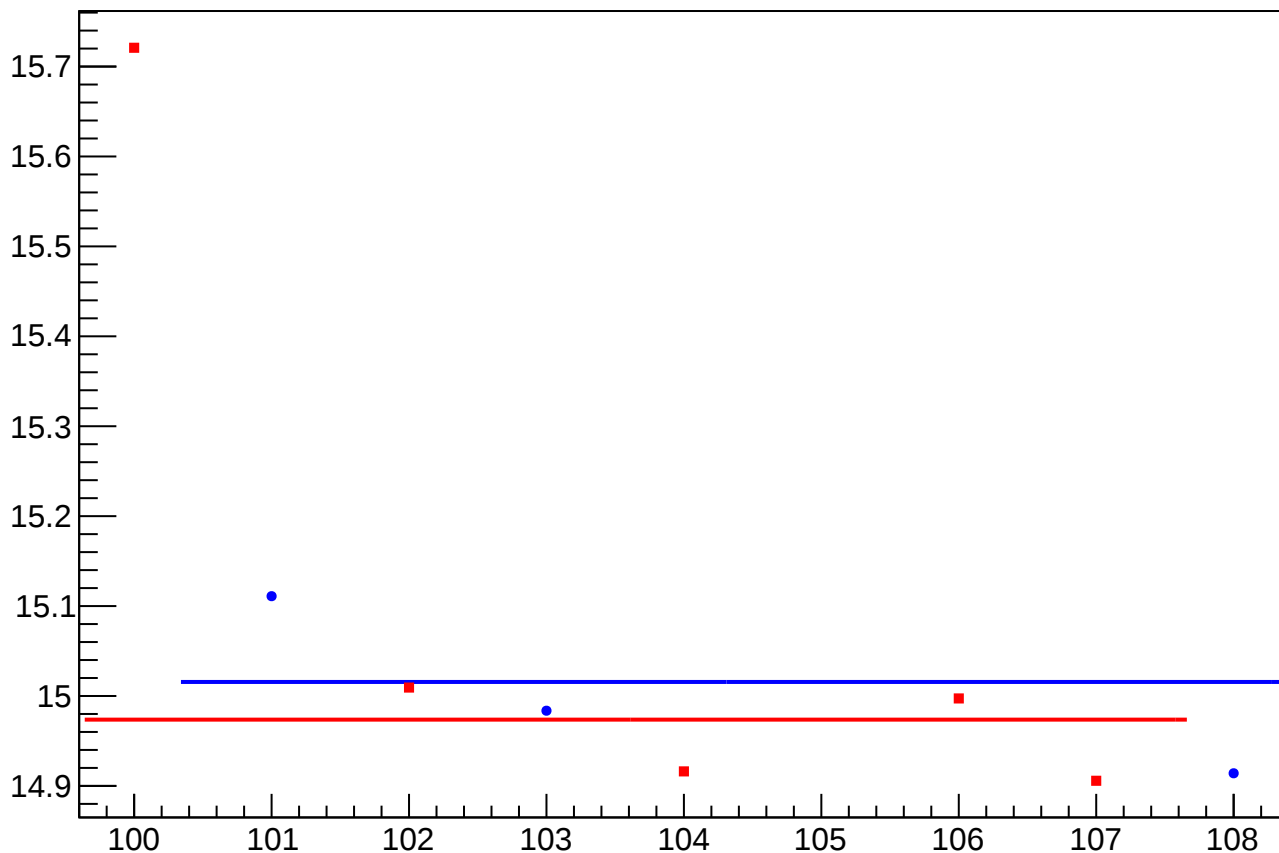
Right: 275.638+/-0.108 χ^2/NDF : 6937.6/7

In: 273.630+/-0.157 χ^2/NDF : 1727.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 275.638+/-0.108 χ^2/NDF : 6937.6/7

yield_sam1_mean vs Slug, Sign Corrected



Right In: 15.016+/-0.000 χ^2/NDF : 23018457.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.974+/-0.000 χ^2/NDF : 59259355.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

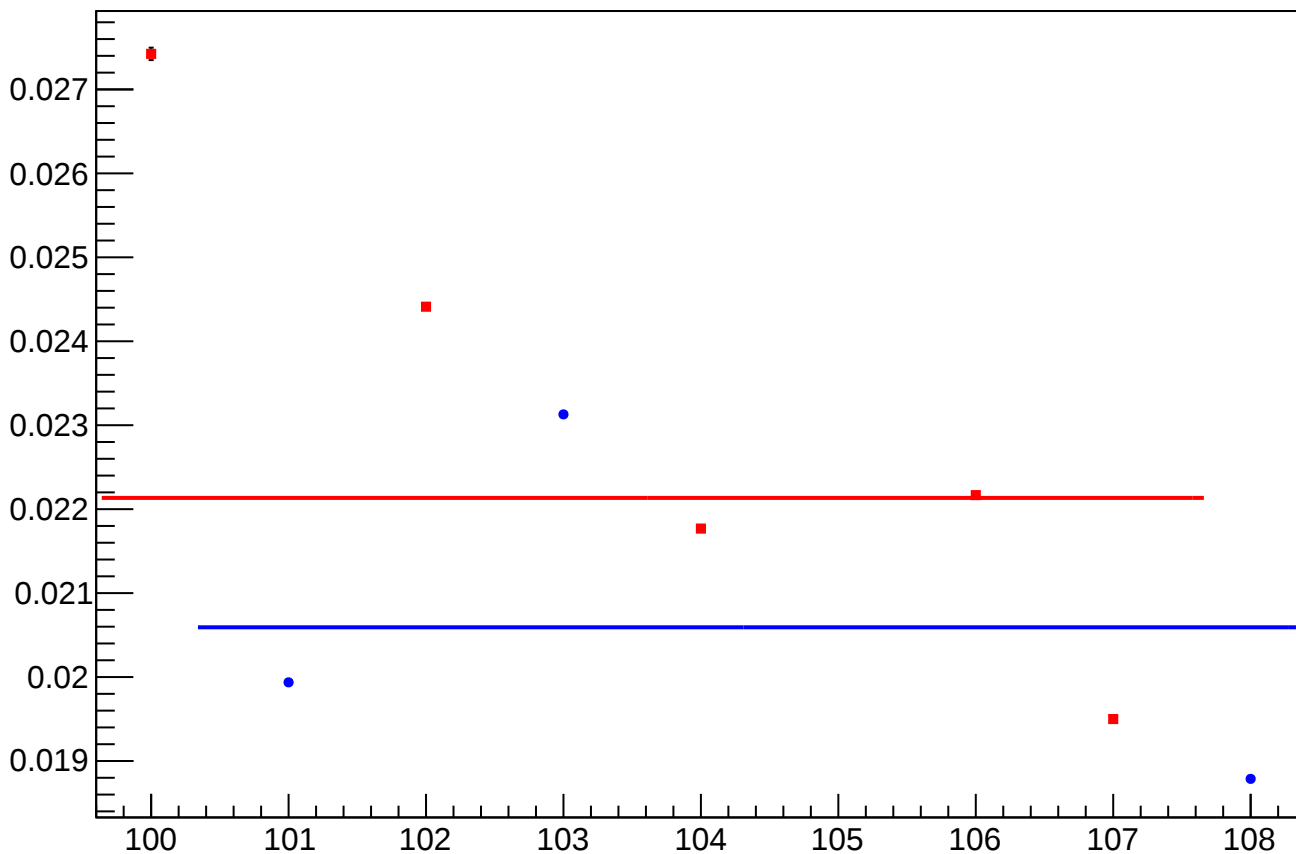
Right: 14.995+/-0.000 χ^2/NDF : 85118648.6/7

In: 15.016+/-0.000 χ^2/NDF : 23018457.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.995+/-0.000 χ^2/NDF : 85118648.6/7

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.021+/-0.000 χ^2/NDF : 20422.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.022+/-0.000 χ^2/NDF : 25262.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

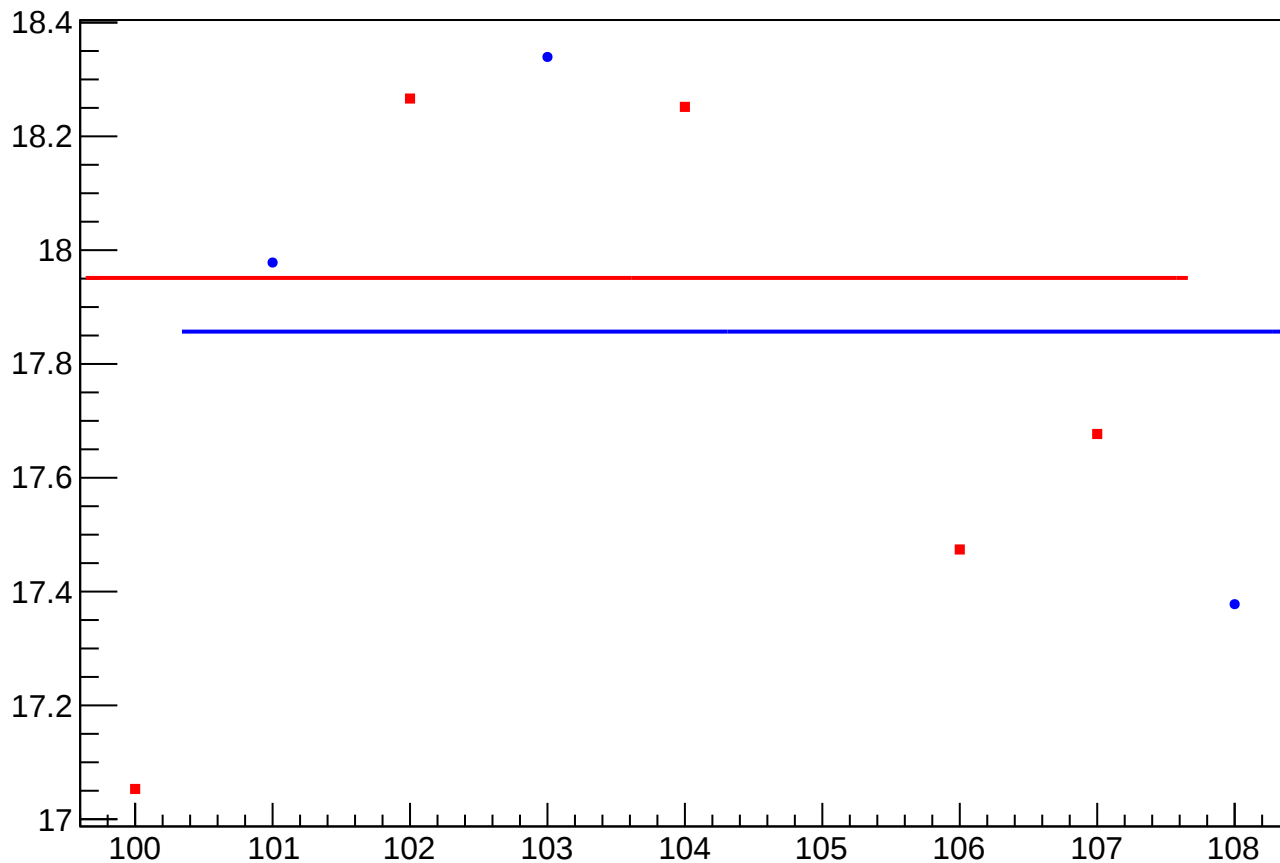
Right: 0.021+/-0.000 χ^2/NDF : 53375.6/7

In: 0.021+/-0.000 χ^2/NDF : 20422.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.000 χ^2/NDF : 53375.6/7

yield_sam2_mean vs Slug, Sign Corrected



Right In: 17.857+/-0.000 χ^2/NDF : 2970740.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.951+/-0.000 χ^2/NDF : 2759750.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

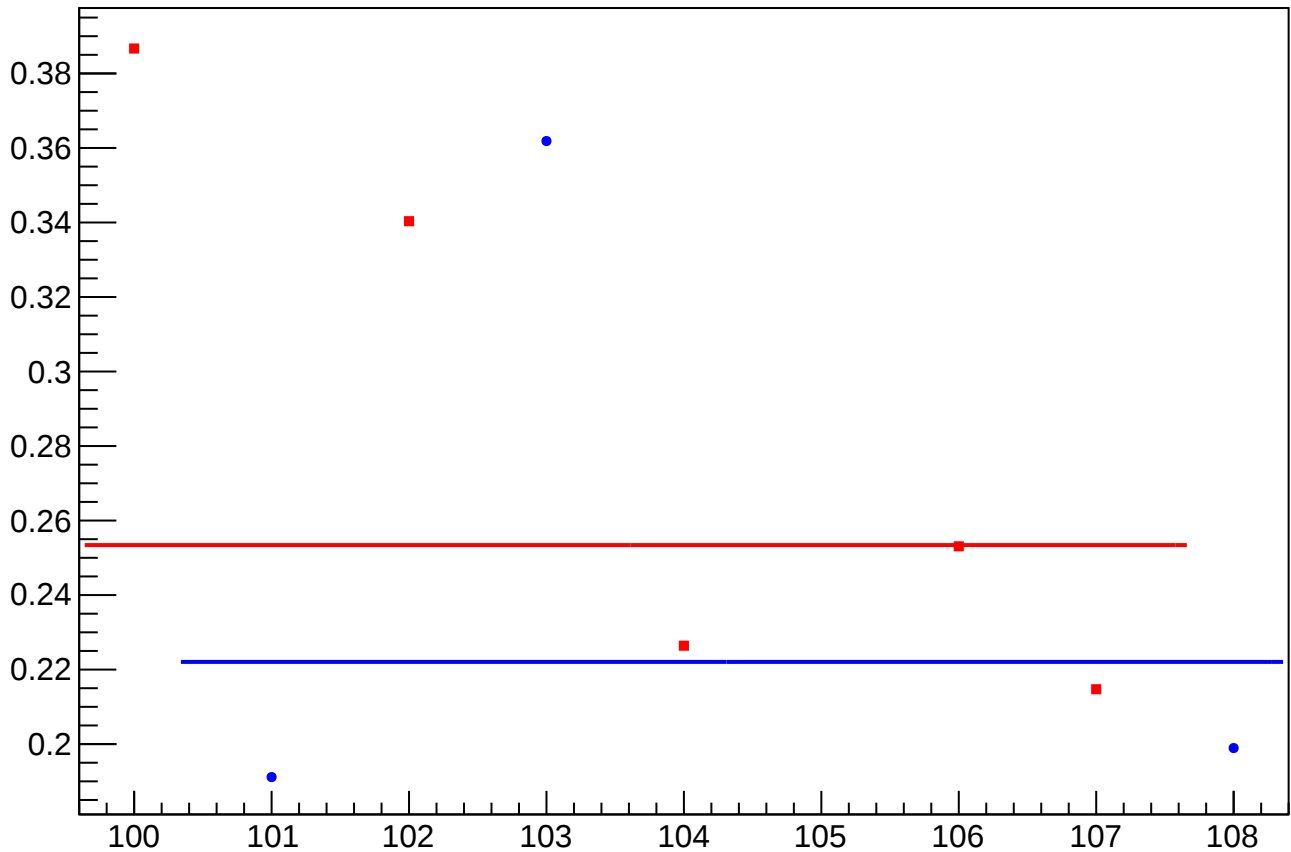
Right: 17.901+/-0.000 χ^2/NDF : 5836038.6/7

In: 17.857+/-0.000 χ^2/NDF : 2970740.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.901+/-0.000 χ^2/NDF : 5836038.6/7

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.222+/-0.000 χ^2/NDF : 201210.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.253+/-0.000 χ^2/NDF : 112512.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

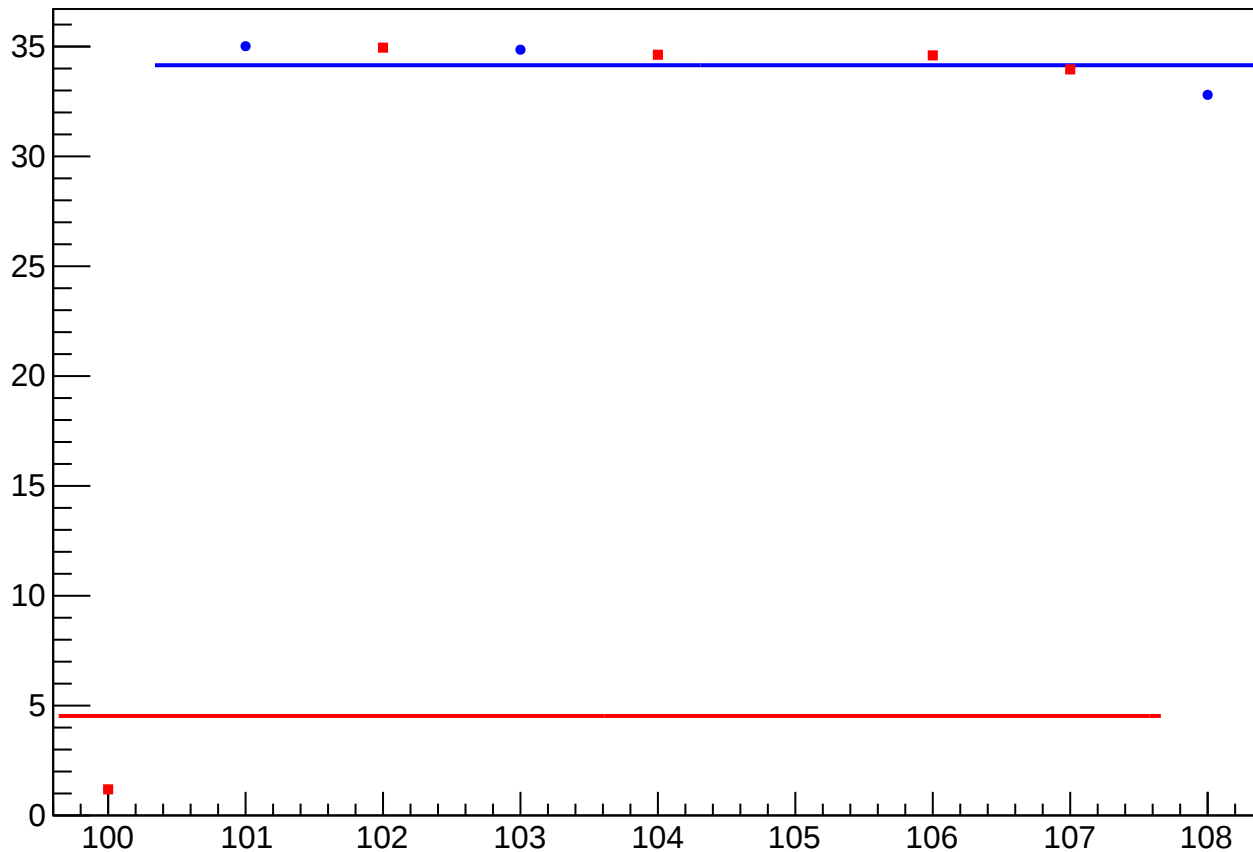
Right: 0.237+/-0.000 χ^2/NDF : 337046.0/7

In: 0.222+/-0.000 χ^2/NDF : 201210.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.237+/-0.000 χ^2/NDF : 337046.0/7

yield_sam3_mean vs Slug, Sign Corrected



Right In: 34.150+/-0.000 χ^2/NDF : 45252099.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.529+/-0.000 χ^2/NDF : 39531455917.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

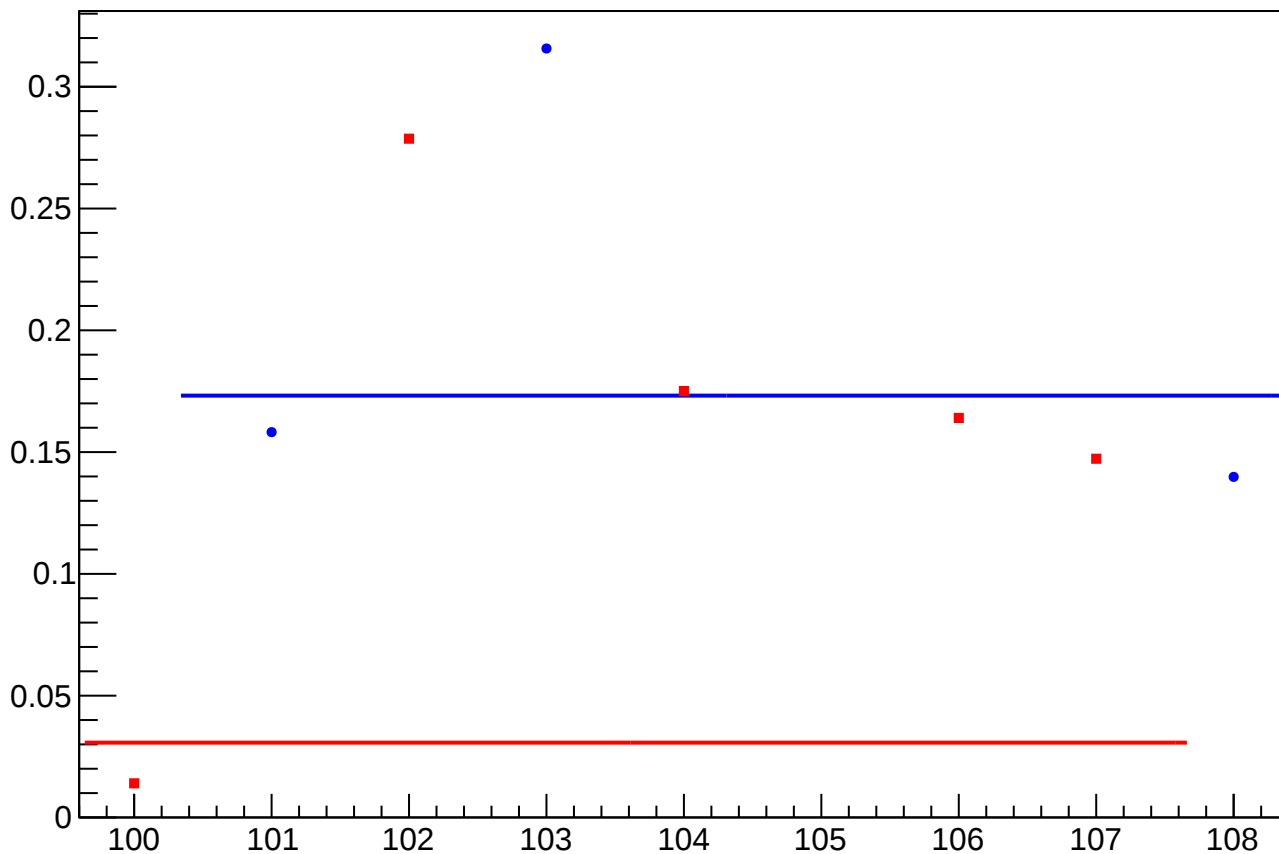
Right: 7.269+/-0.000 χ^2/NDF : 71670966573.8/7

In: 34.150+/-0.000 χ^2/NDF : 45252099.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.269+/-0.000 χ^2/NDF : 71670966573.8/7

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.173+/-0.000 χ^2/NDF : 271630.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.031+/-0.000 χ^2/NDF : 2130026.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

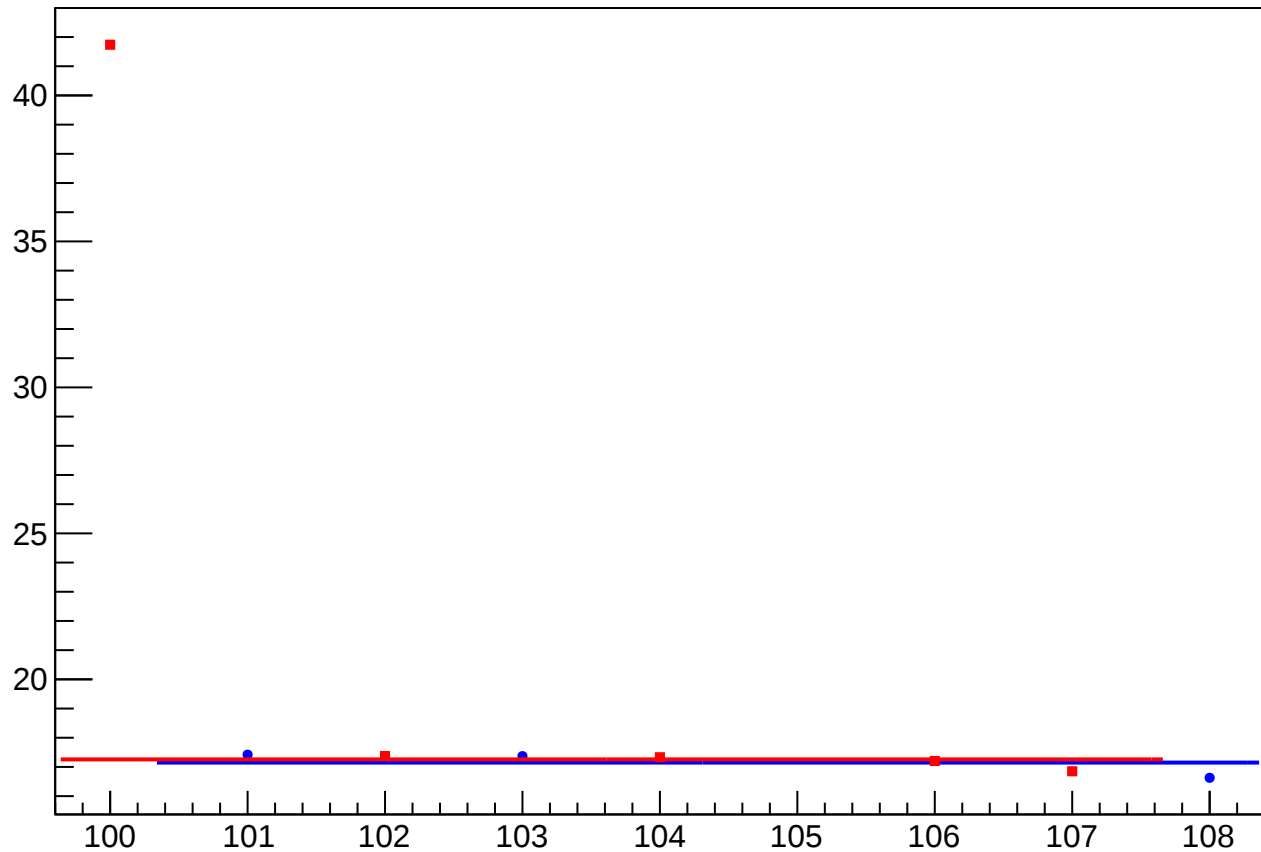
Right: 0.044+/-0.000 χ^2/NDF : 3886771.5/7

In: 0.173+/-0.000 χ^2/NDF : 271630.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.044+/-0.000 χ^2/NDF : 3886771.5/7

yield_sam4_mean vs Slug, Sign Corrected



Right In: 17.149+/-0.000 χ^2/NDF : 14911396.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.258+/-0.000 χ^2/NDF : 200904373.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

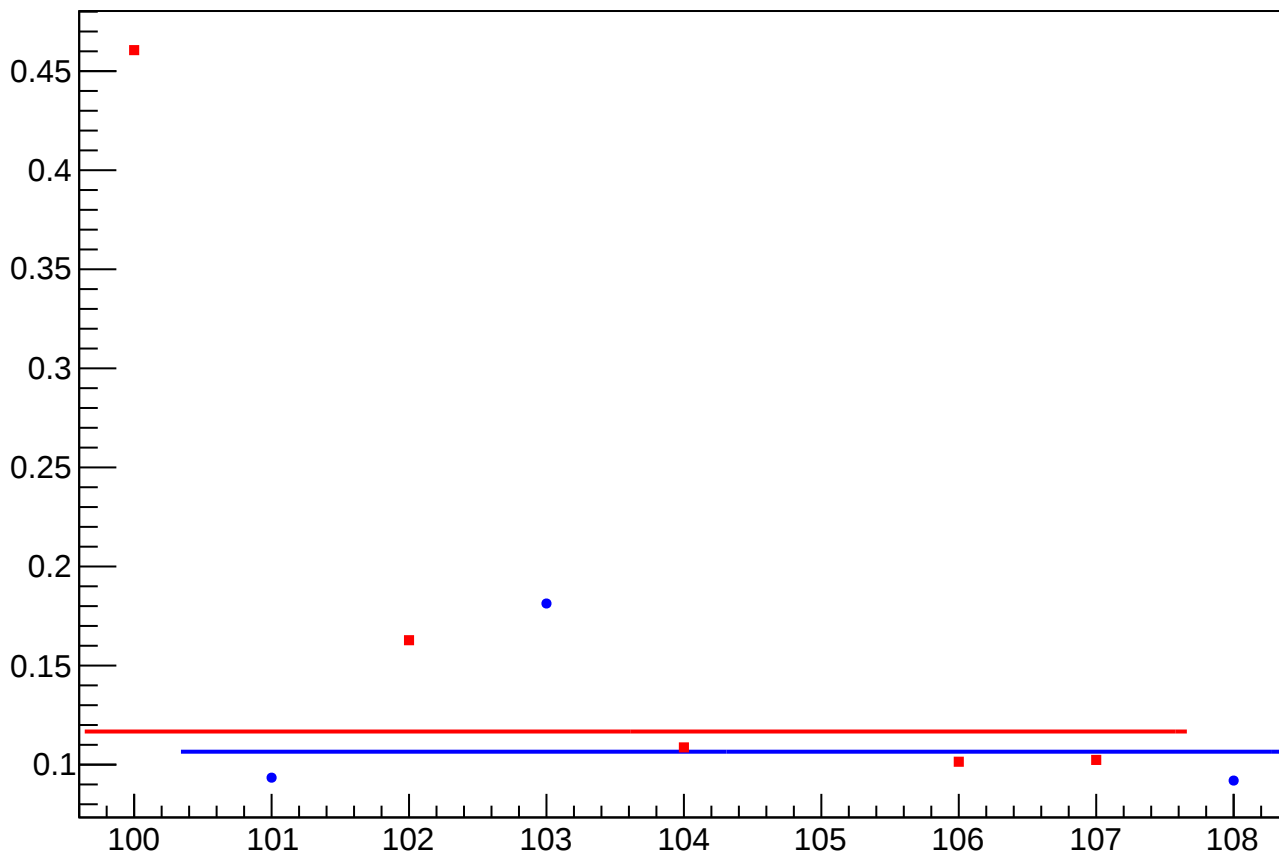
Right: 17.201+/-0.000 χ^2/NDF : 216444534.3/7

In: 17.149+/-0.000 χ^2/NDF : 14911396.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.201+/-0.000 χ^2/NDF : 216444534.3/7

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.107+/-0.000 χ^2/NDF : 225697.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.117+/-0.000 χ^2/NDF : 183235.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

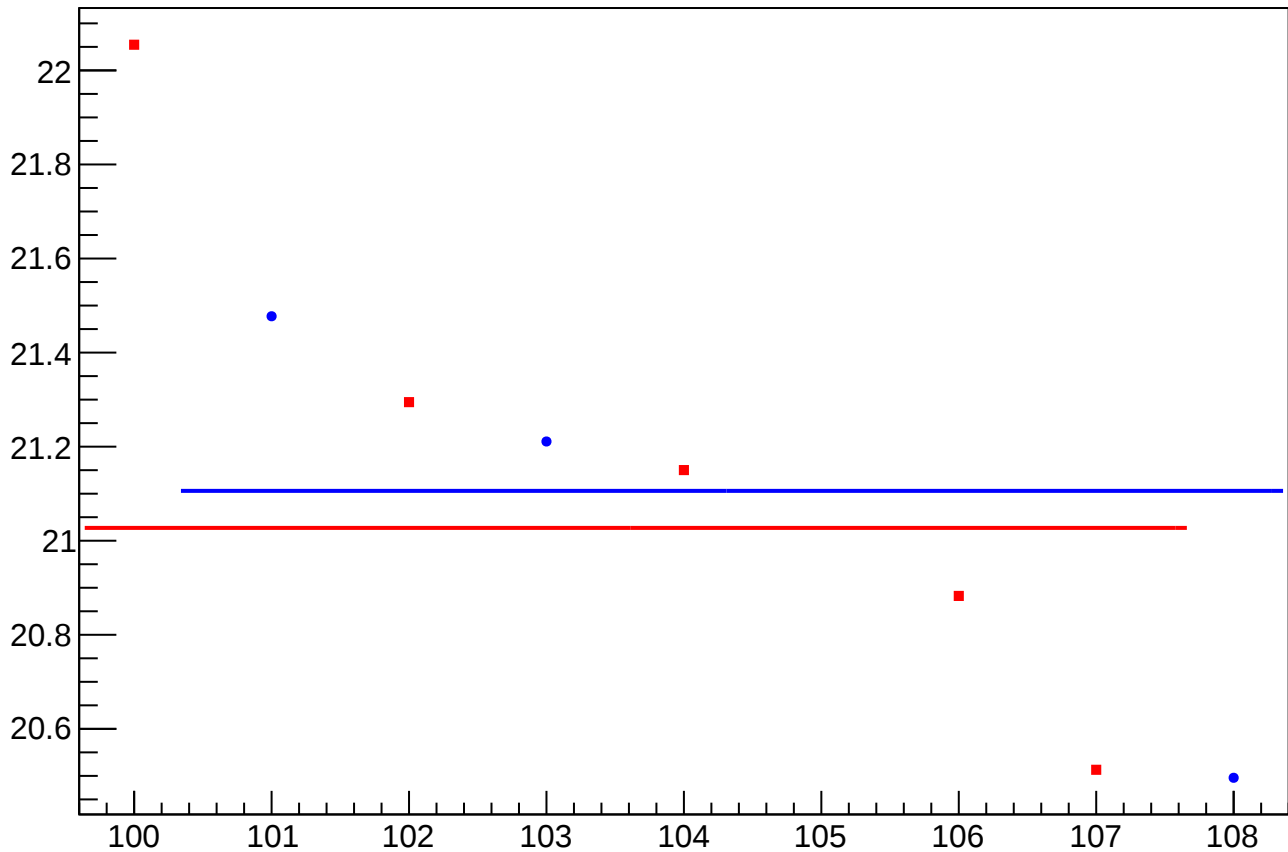
Right: 0.111+/-0.000 χ^2/NDF : 419902.8/7

In: 0.107+/-0.000 χ^2/NDF : 225697.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.111+/-0.000 χ^2/NDF : 419902.8/7

yield_sam5_mean vs Slug, Sign Corrected



Right In: 21.106+/-0.000 χ^2/NDF : 457047770.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.027+/-0.000 χ^2/NDF : 306223930.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

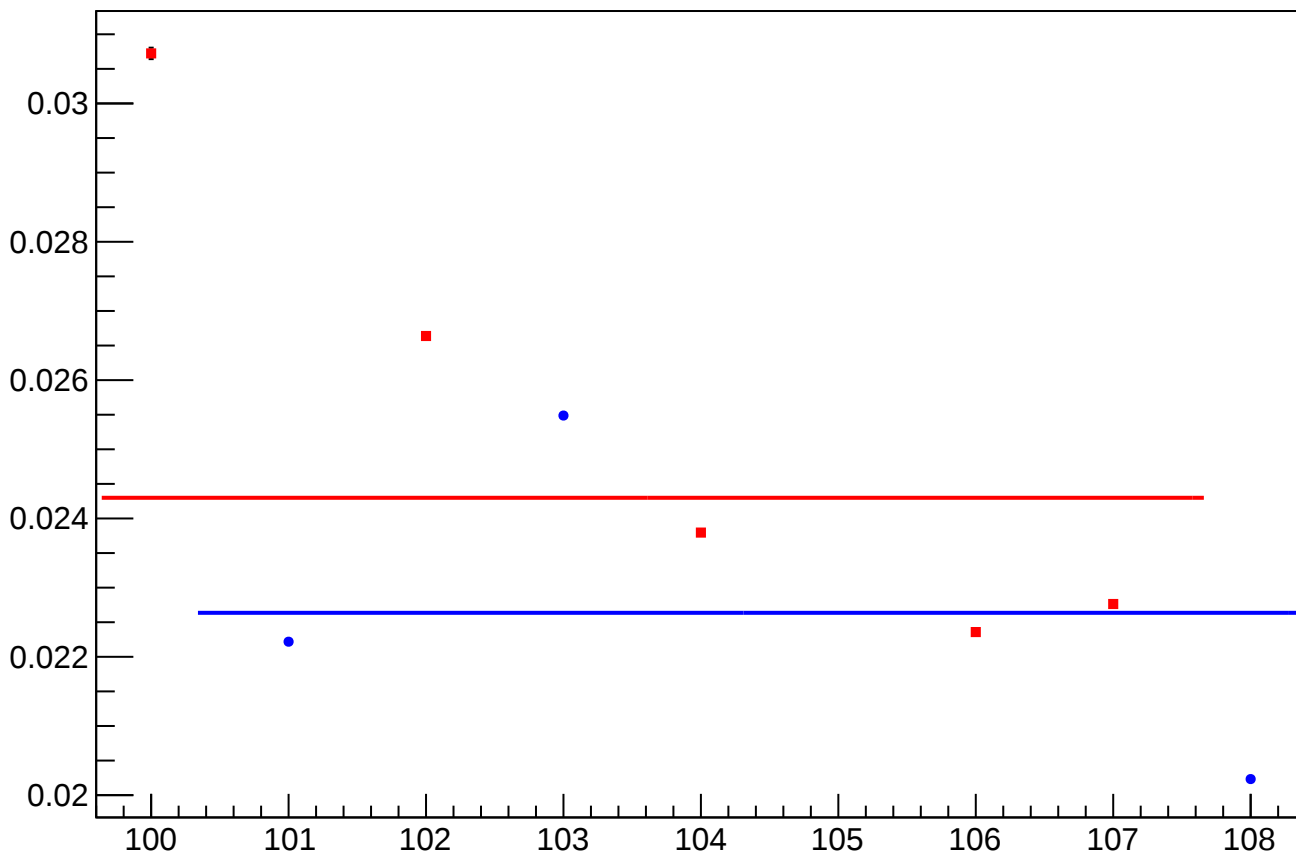
Right: 21.067+/-0.000 χ^2/NDF : 771544014.4/7

In: 21.106+/-0.000 χ^2/NDF : 457047770.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.067+/-0.000 χ^2/NDF : 771544014.4/7

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 23231.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.024+/-0.000 χ^2/NDF : 20280.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

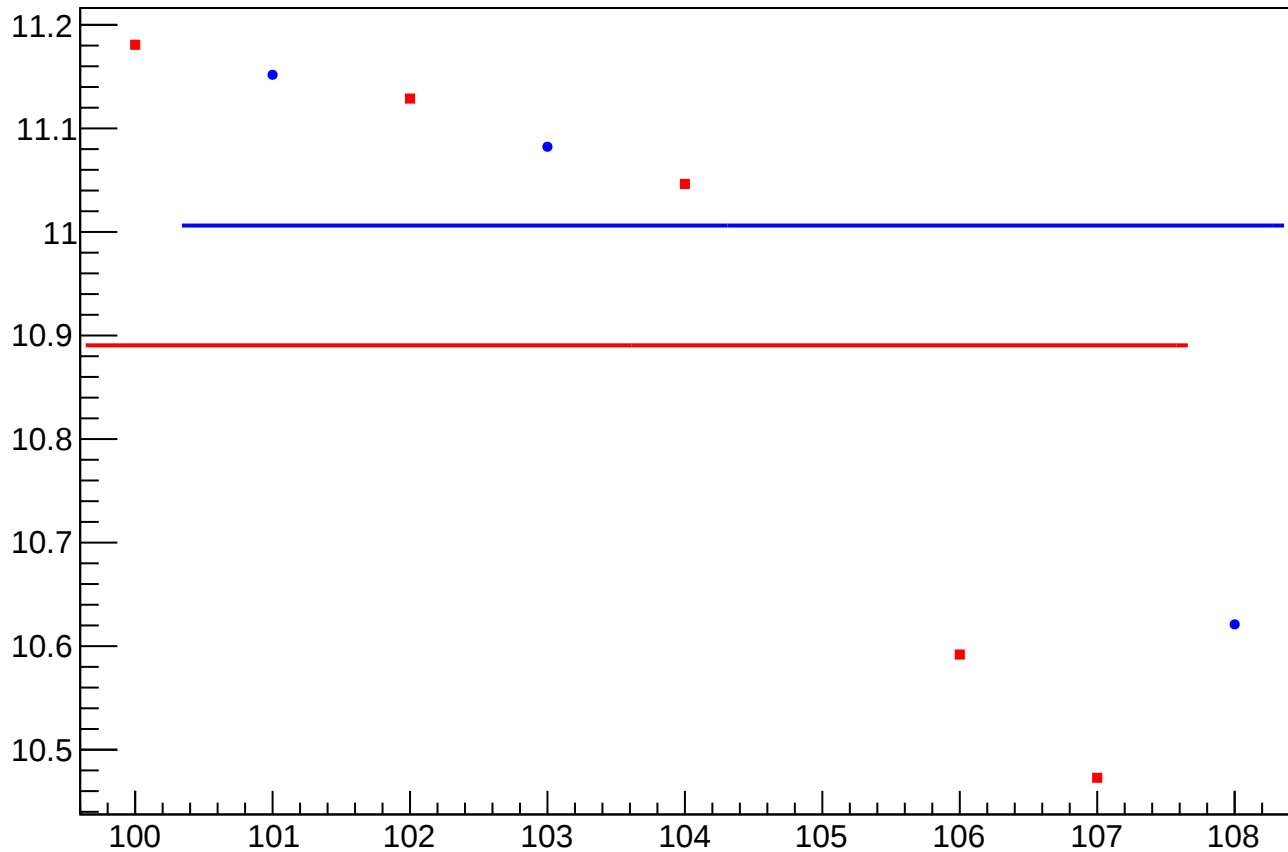
Right: 0.023+/-0.000 χ^2/NDF : 50895.1/7

In: 0.023+/-0.000 χ^2/NDF : 23231.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.000 χ^2/NDF : 50895.1/7

yield_sam6_mean vs Slug, Sign Corrected



Right In: 11.006+/-0.000 χ^2/NDF : 645242345.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.891+/-0.000 χ^2/NDF : 799692917.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

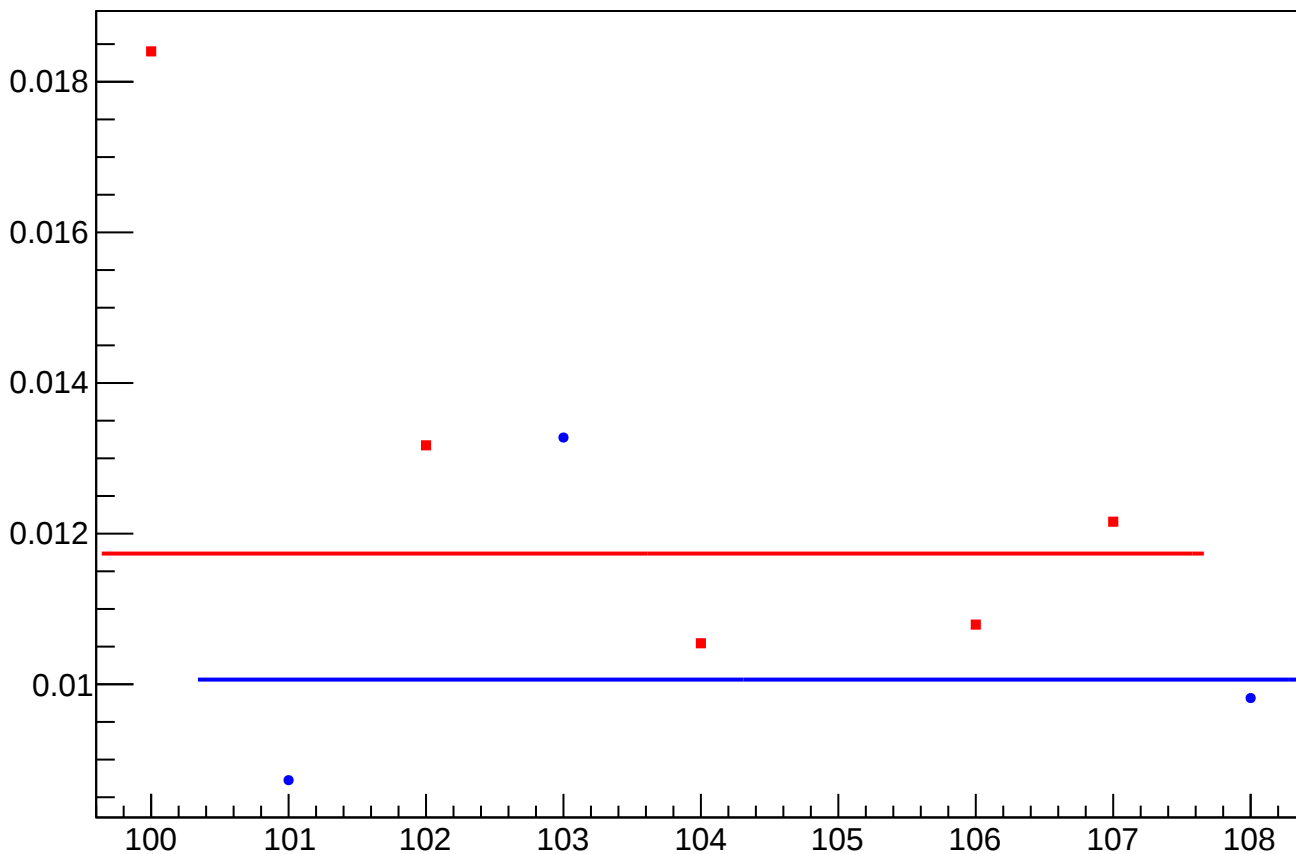
Right: 10.954+/-0.000 χ^2/NDF : 1525816209.3/7

In: 11.006+/-0.000 χ^2/NDF : 645242345.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.954+/-0.000 χ^2/NDF : 1525816209.3/7

yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 89689.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 46270.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

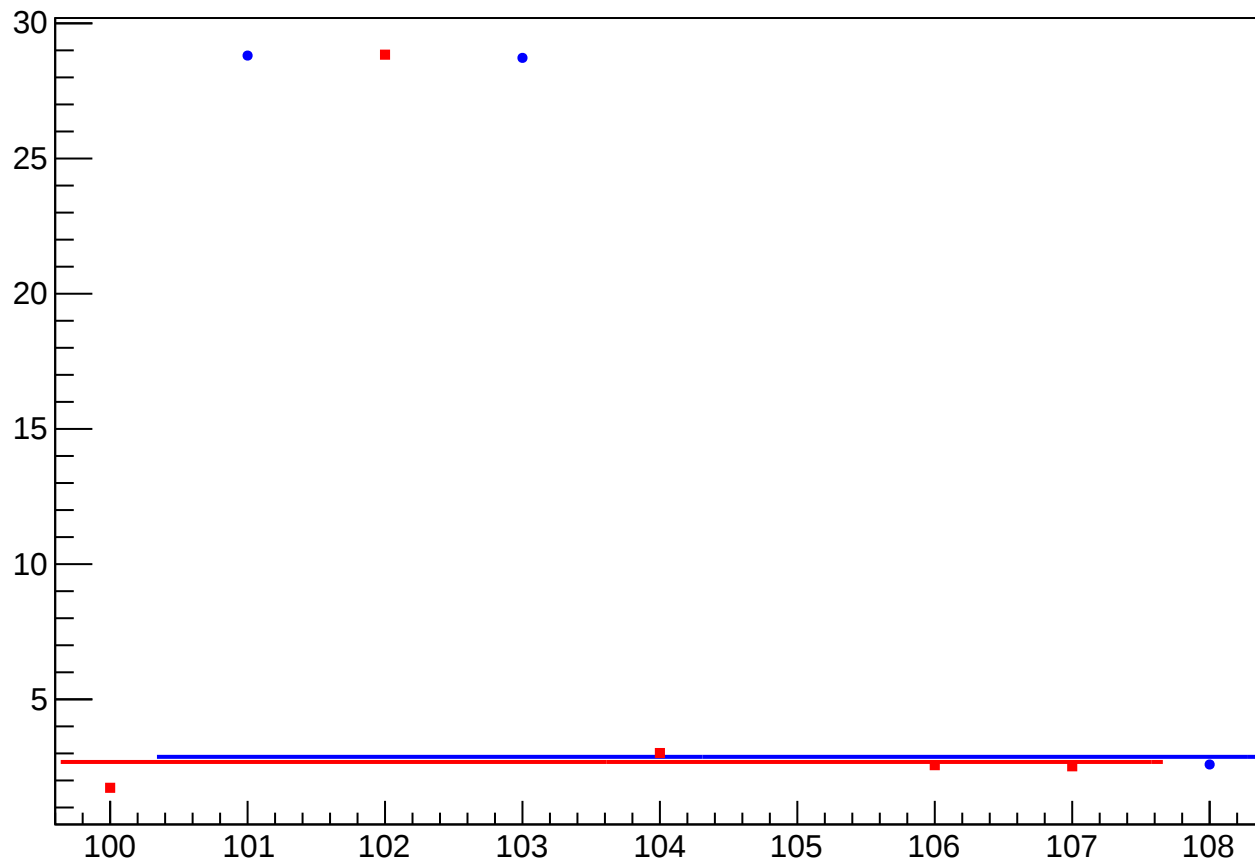
Right: 0.011+/-0.000 χ^2/NDF : 169800.0/7

In: 0.010+/-0.000 χ^2/NDF : 89689.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 169800.0/7

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.874+/-0.000 χ^2/NDF : 158495680649.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.684+/-0.000 χ^2/NDF : 66489089935.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

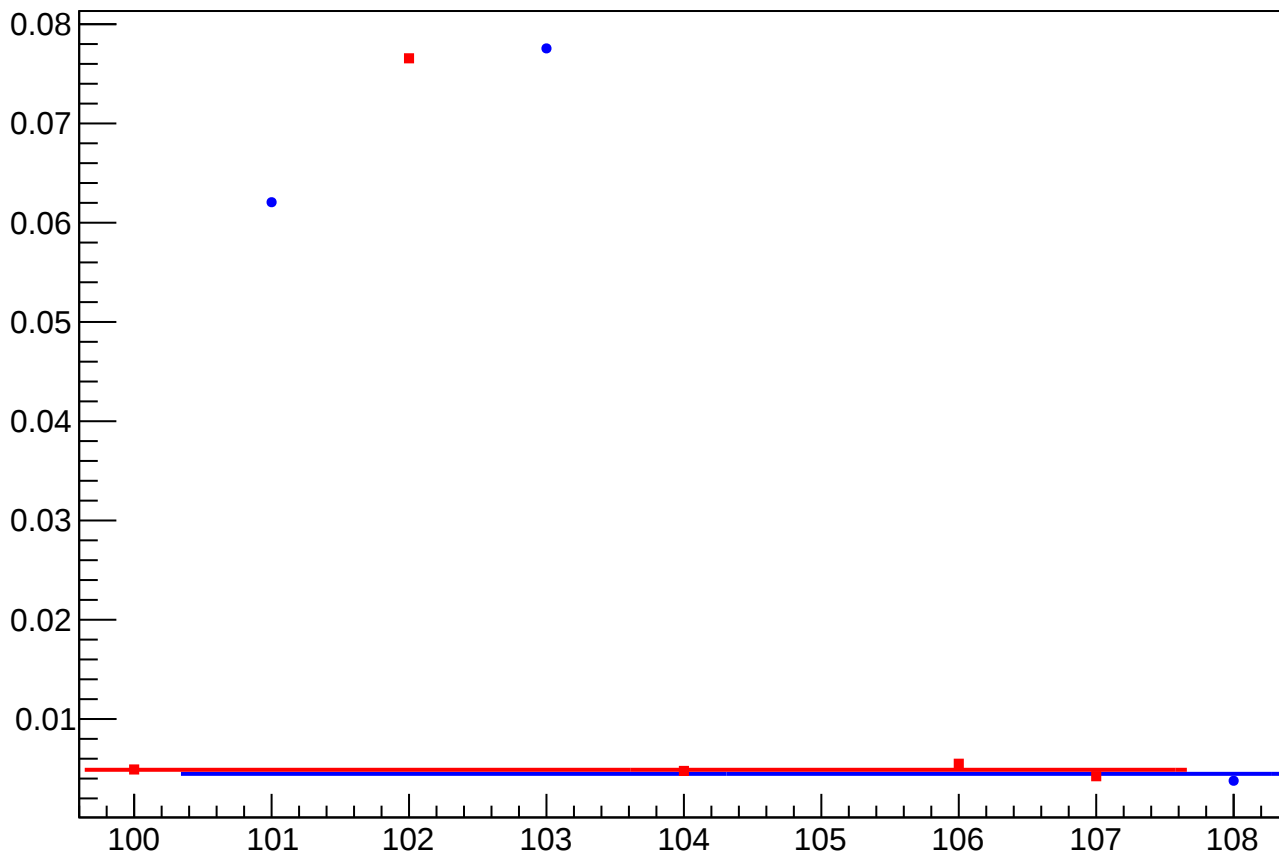
Right: 2.752+/-0.000 χ^2/NDF : 225481850813.4/7

In: 2.874+/-0.000 χ^2/NDF : 158495680649.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.752+/-0.000 χ^2/NDF : 225481850813.4

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 1949533.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 952374.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

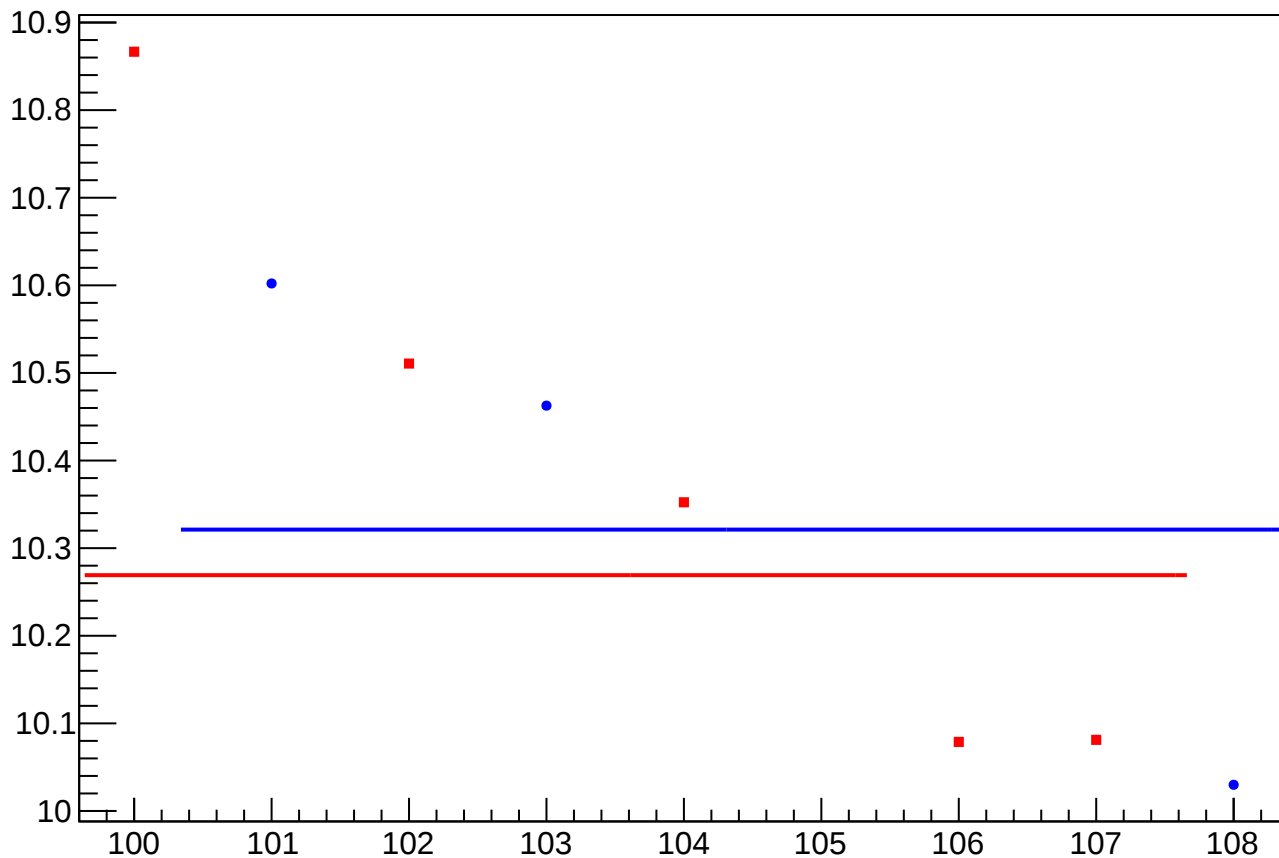
Right: 0.005+/-0.000 χ^2/NDF : 2906526.1/7

In: 0.004+/-0.000 χ^2/NDF : 1949533.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2906526.1/7

yield_sam8_mean vs Slug, Sign Corrected



Right In: 10.321+/-0.000 χ^2/NDF : 1026566003.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.269+/-0.000 χ^2/NDF : 661805020.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

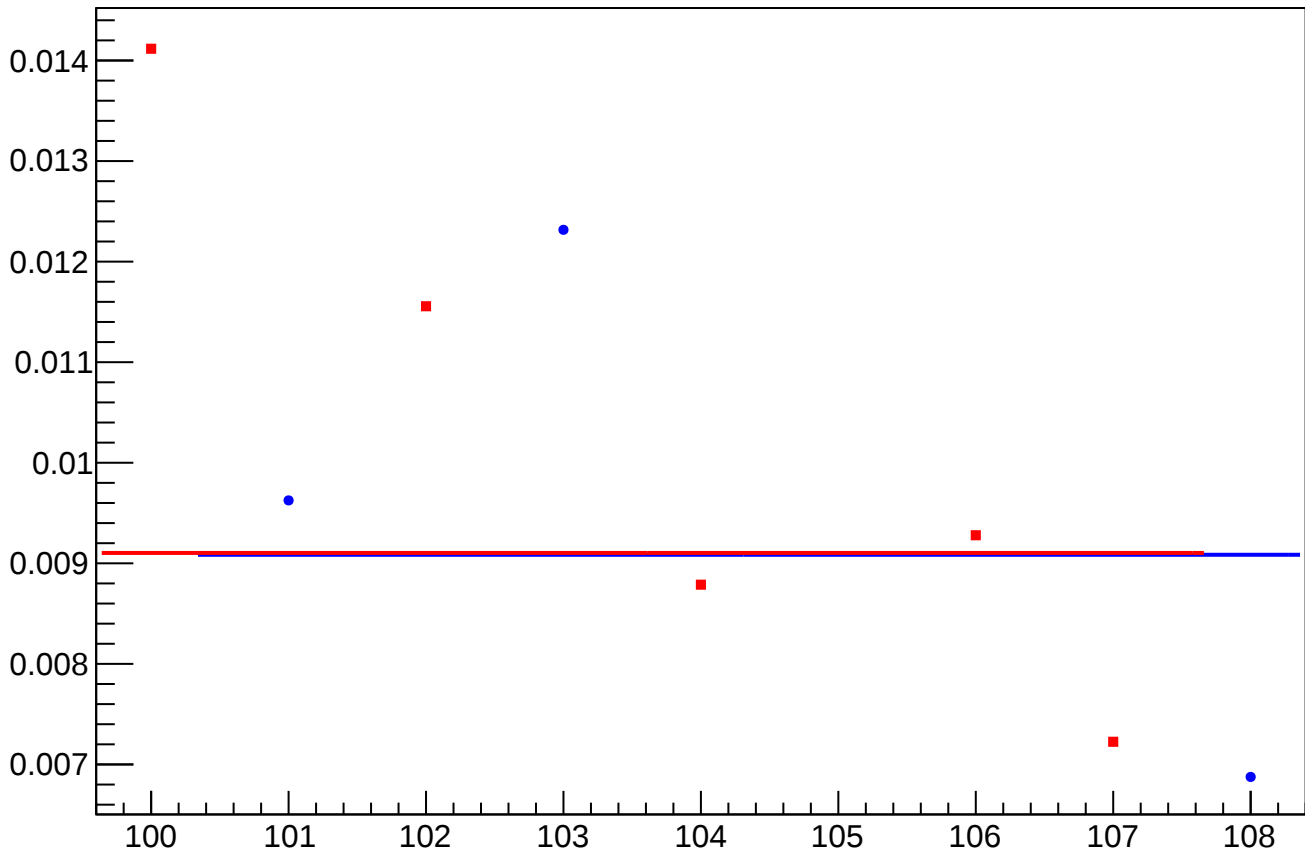
Right: 10.293+/-0.000 χ^2/NDF : 1710468199.9/7

In: 10.321+/-0.000 χ^2/NDF : 1026566003.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.293+/-0.000 χ^2/NDF : 1710468199.9/7

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 143977.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 99681.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.009+/-0.000 χ^2/NDF : 243664.5/7

In: 0.009+/-0.000 χ^2/NDF : 143977.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 243664.5/7

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

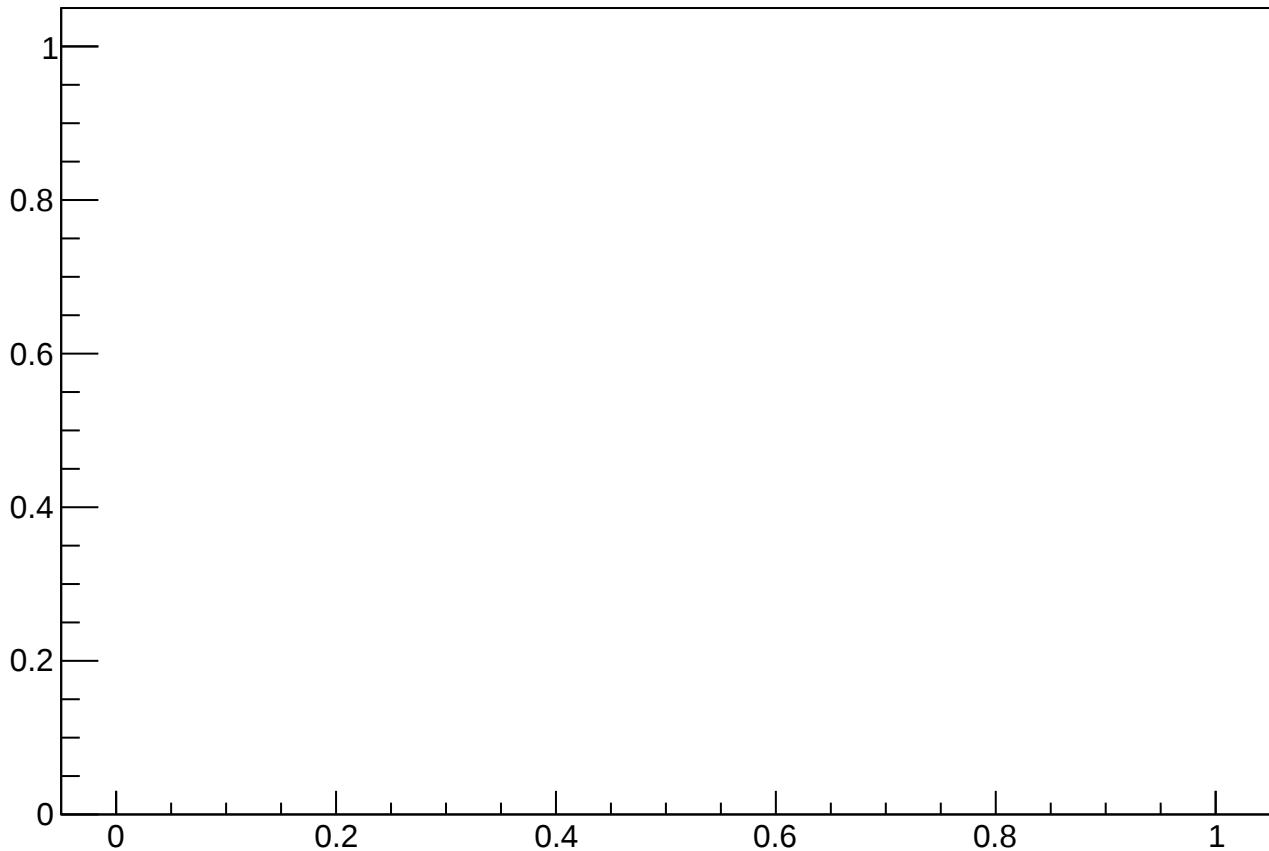
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

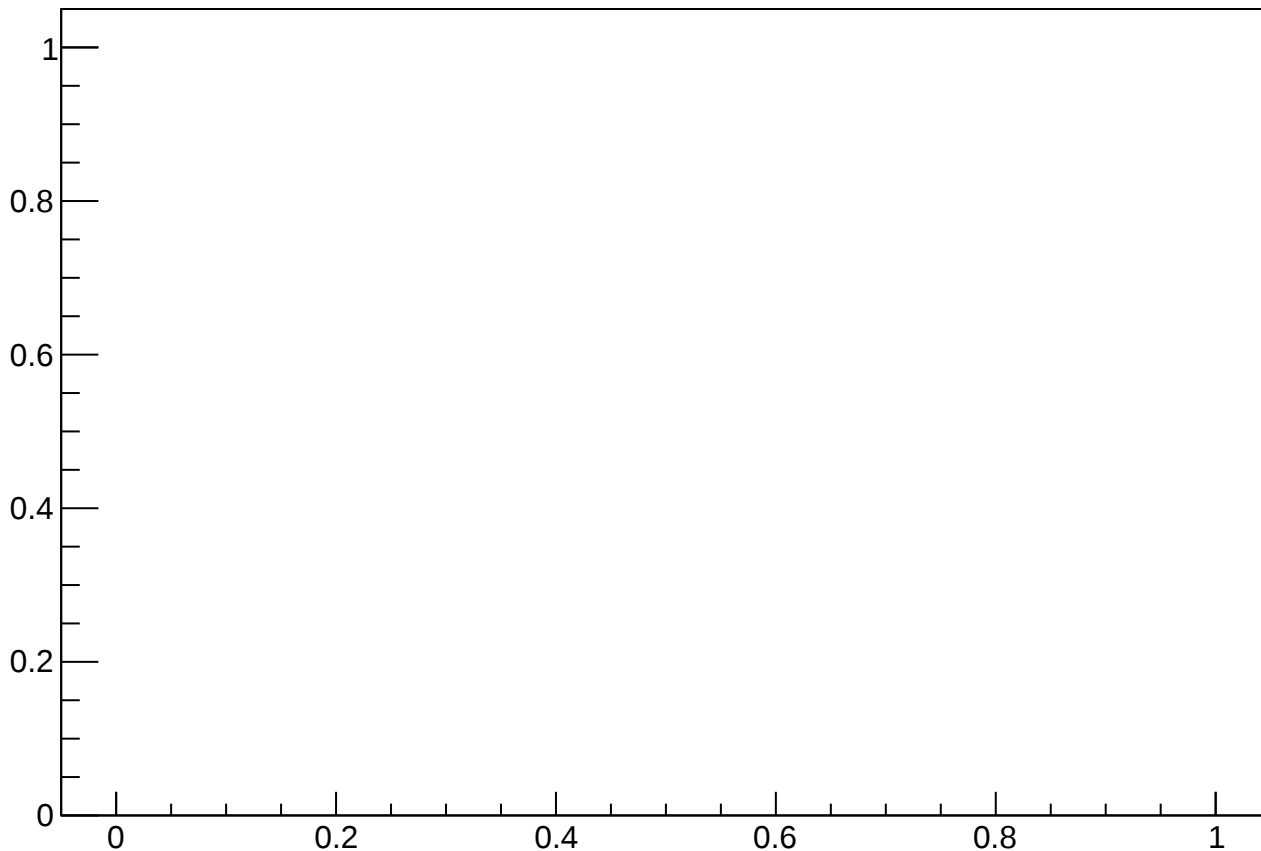
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_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

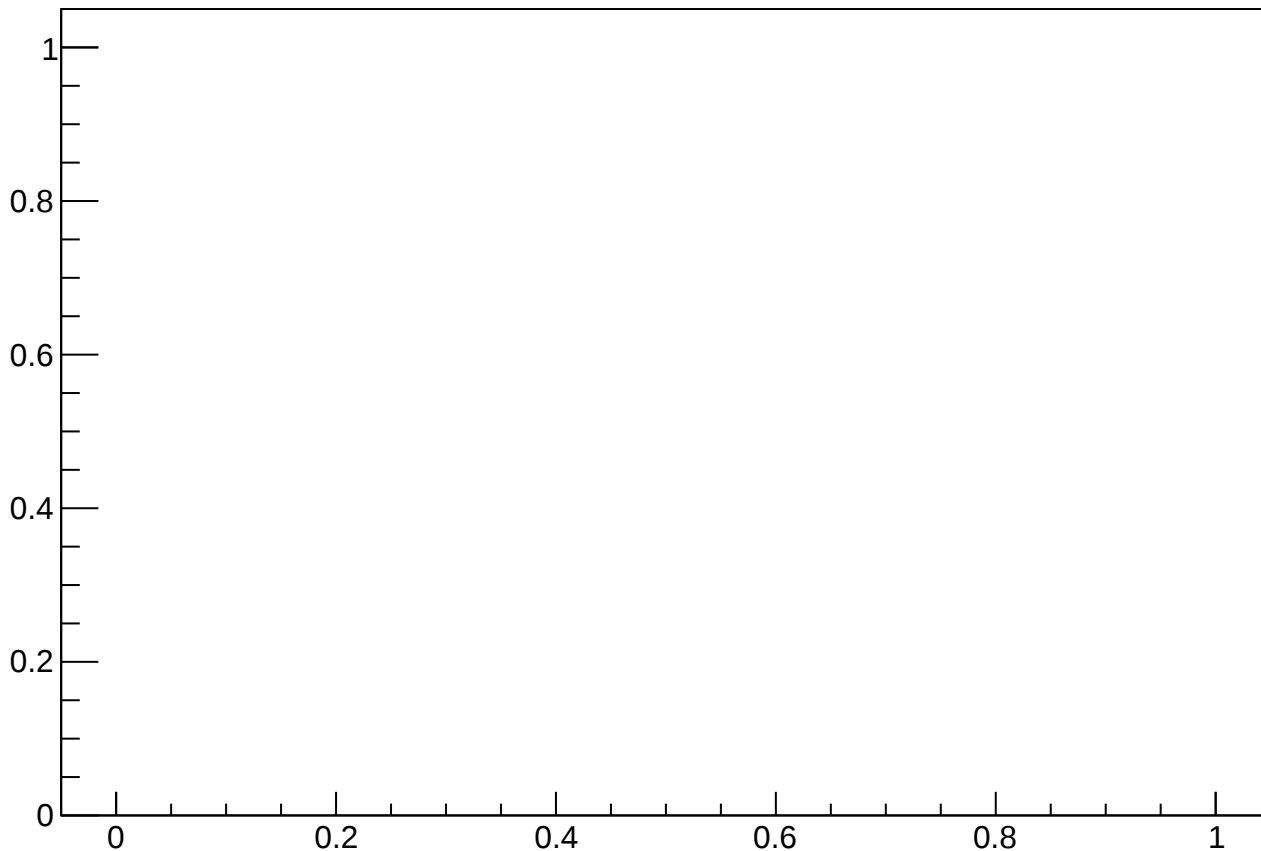
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

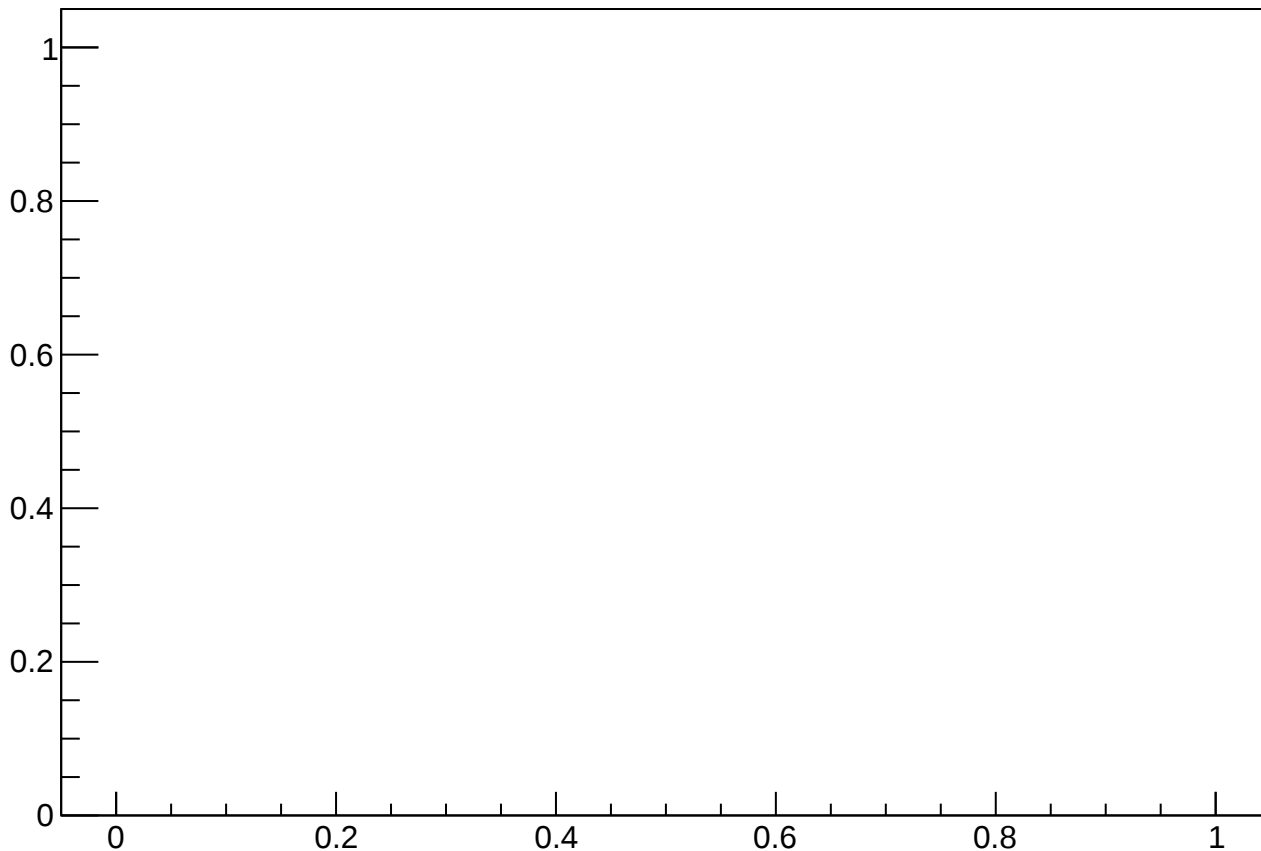
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

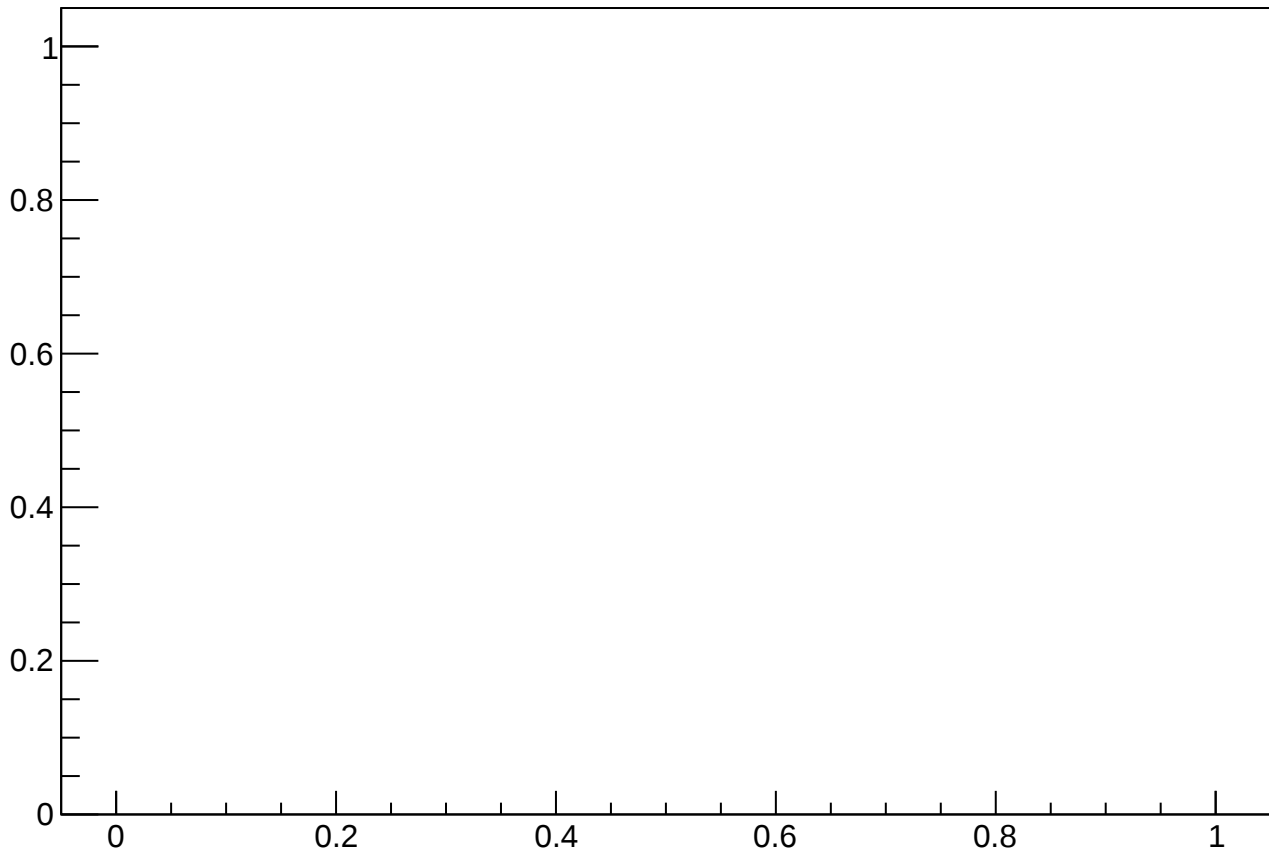
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

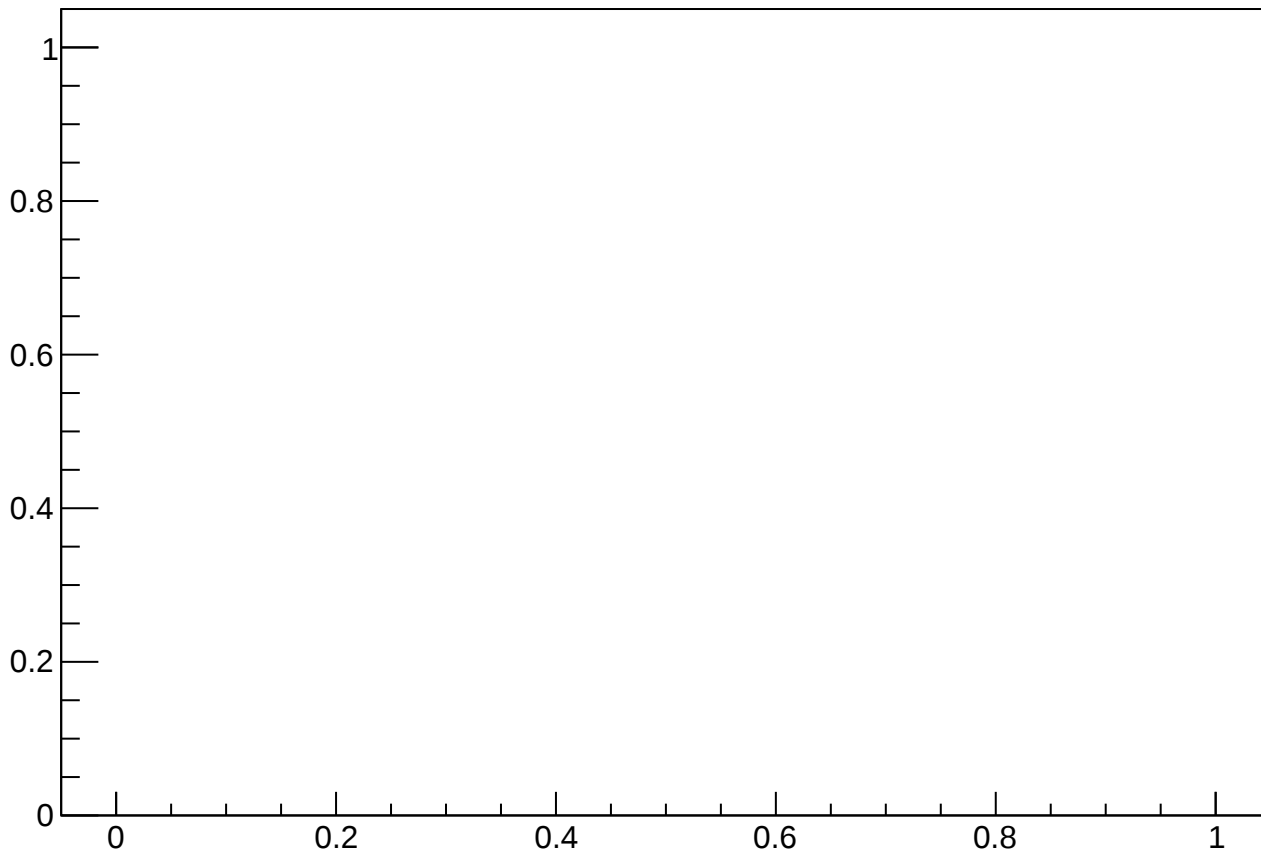
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

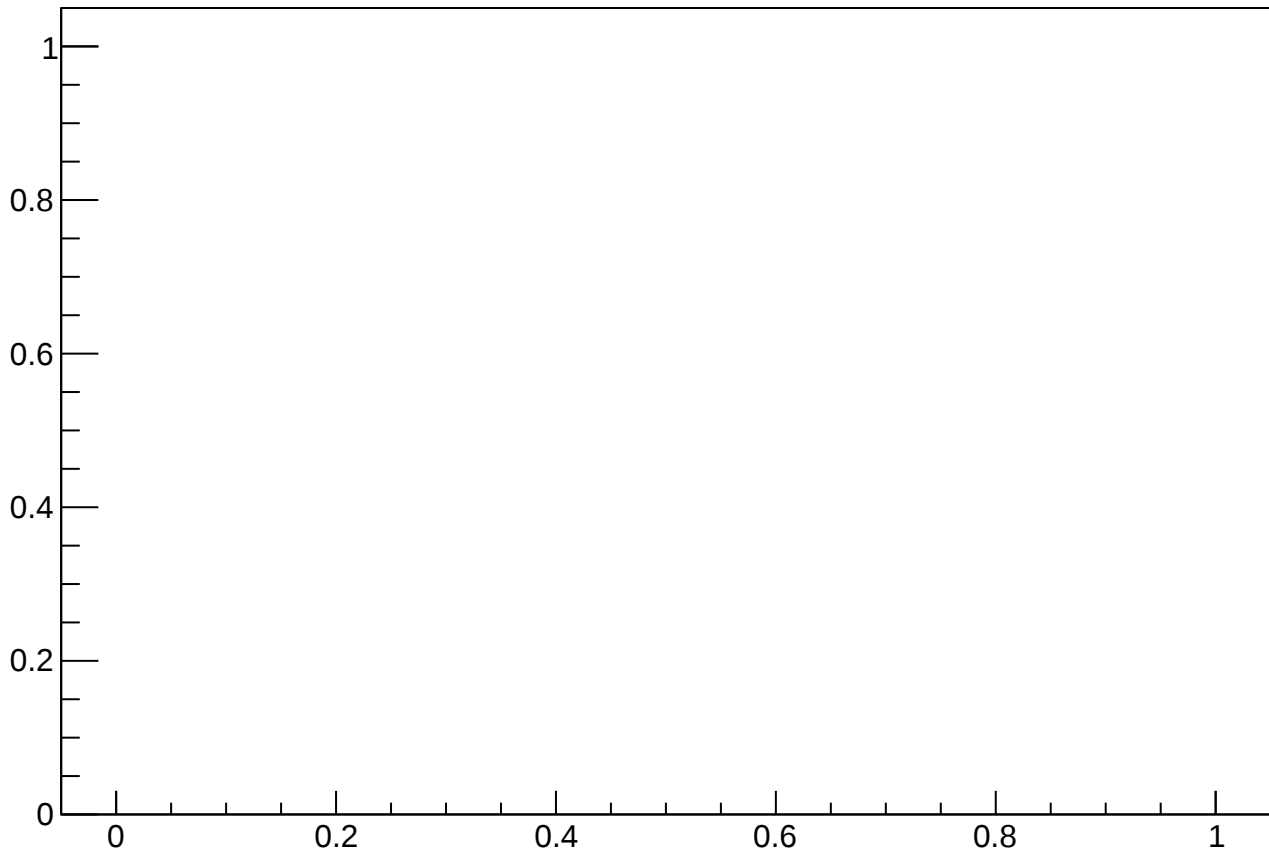
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

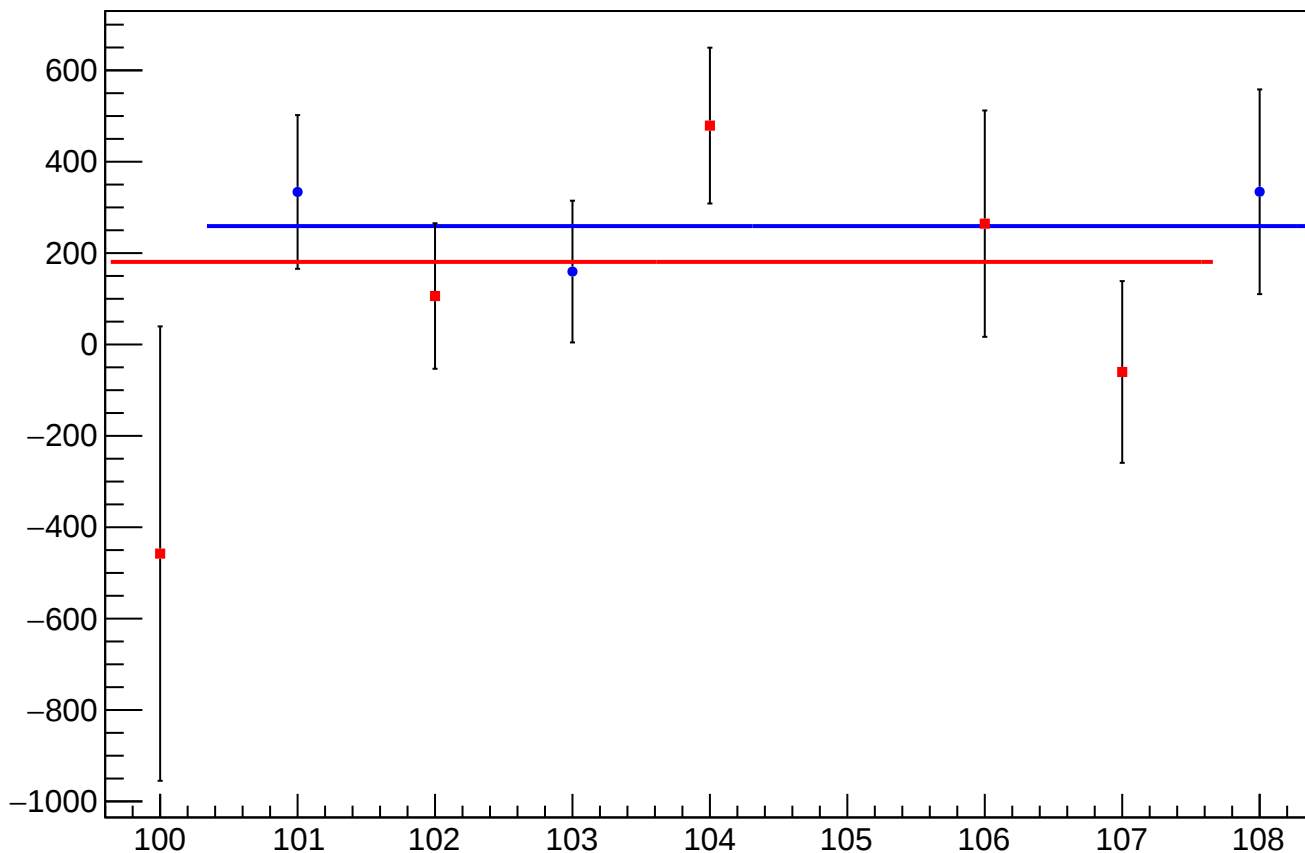
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 259.133+/-101.632 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 180.759+/-91.486 χ^2/NDF : 6.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

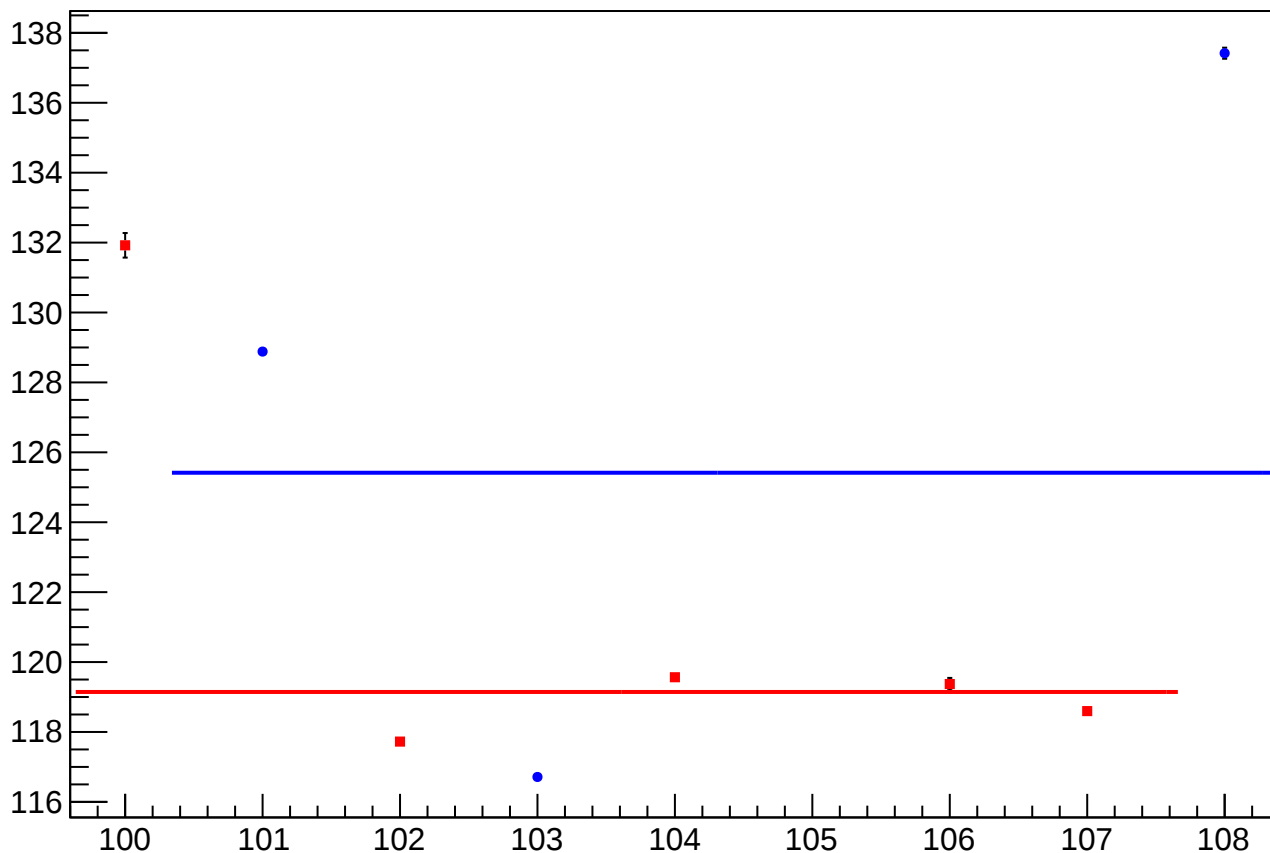
Right: 215.840+/-67.996 χ^2/NDF : 7.6/7

In: 259.133+/-101.632 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 215.840+/-67.996 χ^2/NDF : 7.6/7

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 125.416+/-0.072 χ^2/NDF : 12884.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.144+/-0.065 χ^2/NDF : 1508.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

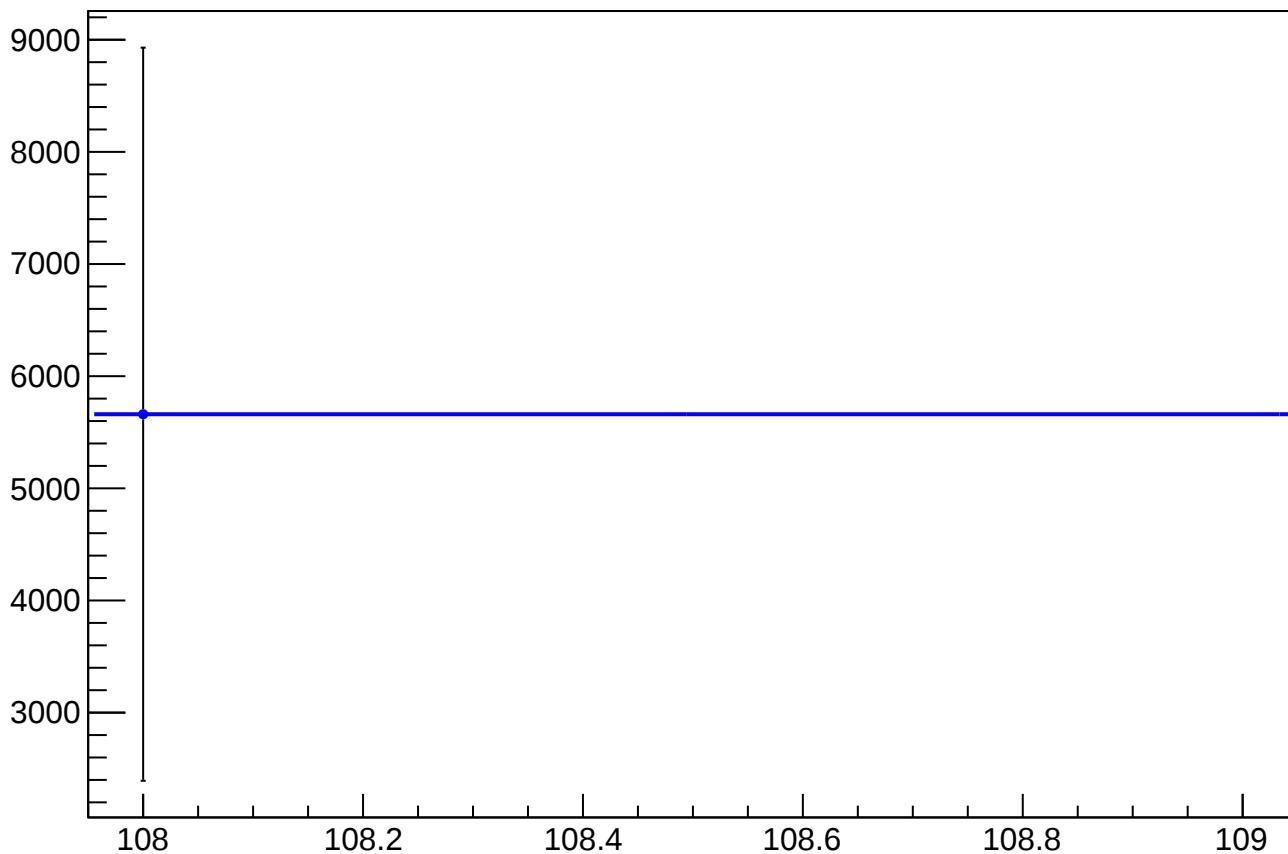
Right: 121.952+/-0.048 χ^2/NDF : 18600.3/7

In: 125.416+/-0.072 χ^2/NDF : 12884.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.952+/-0.048 χ^2/NDF : 18600.3/7

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: 5660.737+/-3268.584 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

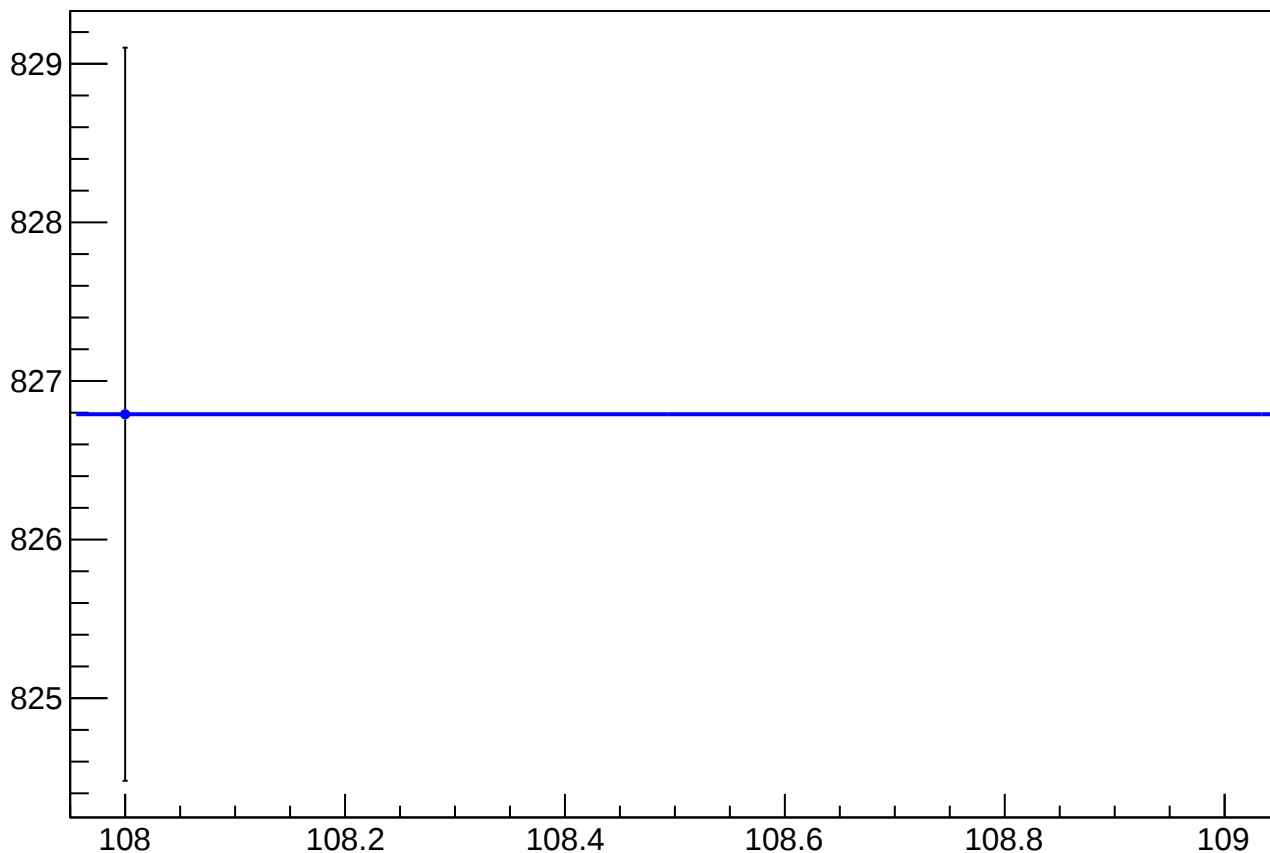
Right: 5660.737+/-3268.584 χ^2/NDF : 0.0/0

In: 5660.737+/-3268.584 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5660.737+/-3268.584 χ^2/NDF : 0.0/0

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 826.790 $\pm$ 2.311 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

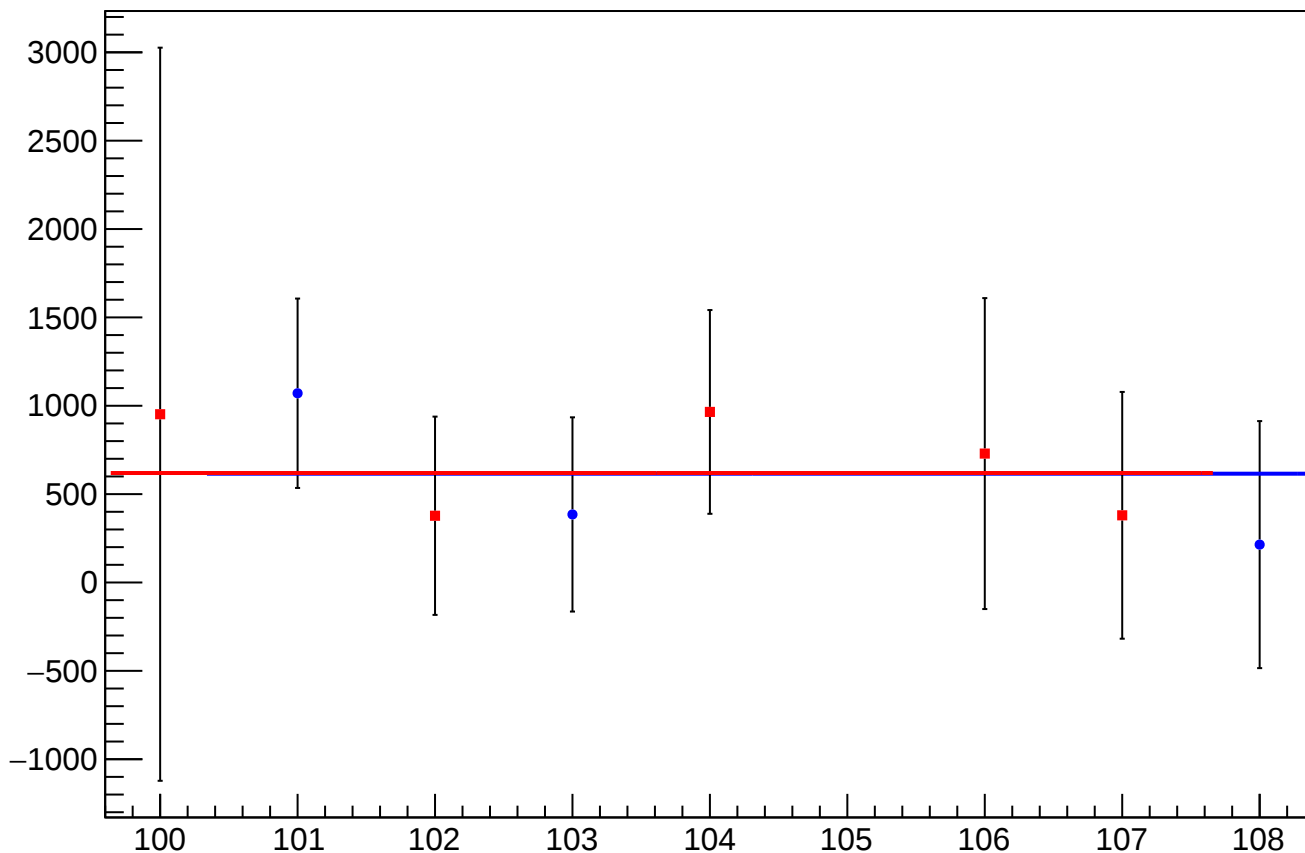
Right: 826.790 $\pm$ -2.311 χ^2 /NDF: 0.0/0

In: 826.790 $\pm$ -2.311 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 826.790 $\pm$ -2.311 χ^2 /NDF: 0.0/0

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 615.620+/-336.317 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 619.475+/-320.053 χ^2/NDF : 0.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

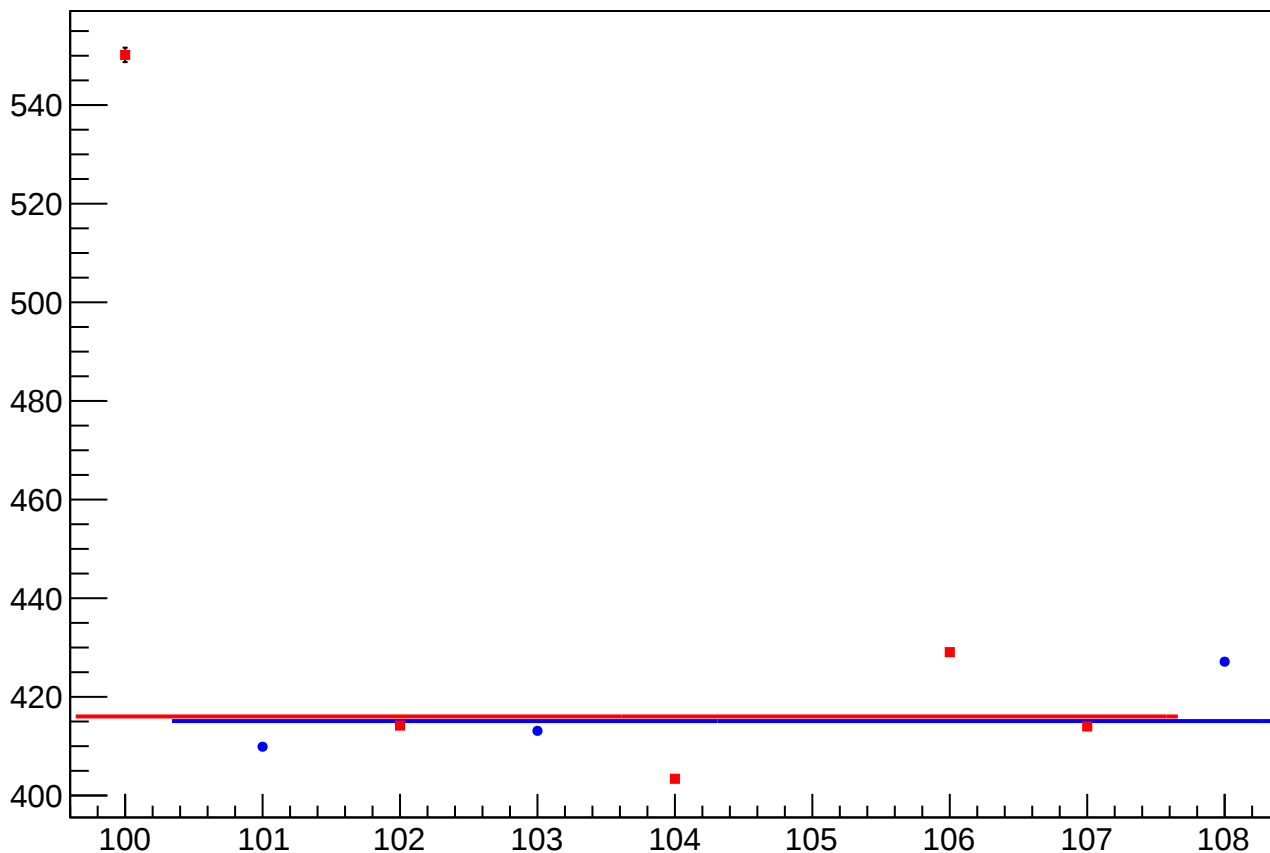
Right: 617.643+/-231.848 χ^2/NDF : 1.9/7

In: 615.620+/-336.317 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 617.643+/-231.848 χ^2/NDF : 1.9/7

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 415.089+/-0.238 χ^2/NDF : 807.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 416.025+/-0.226 χ^2/NDF : 9803.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

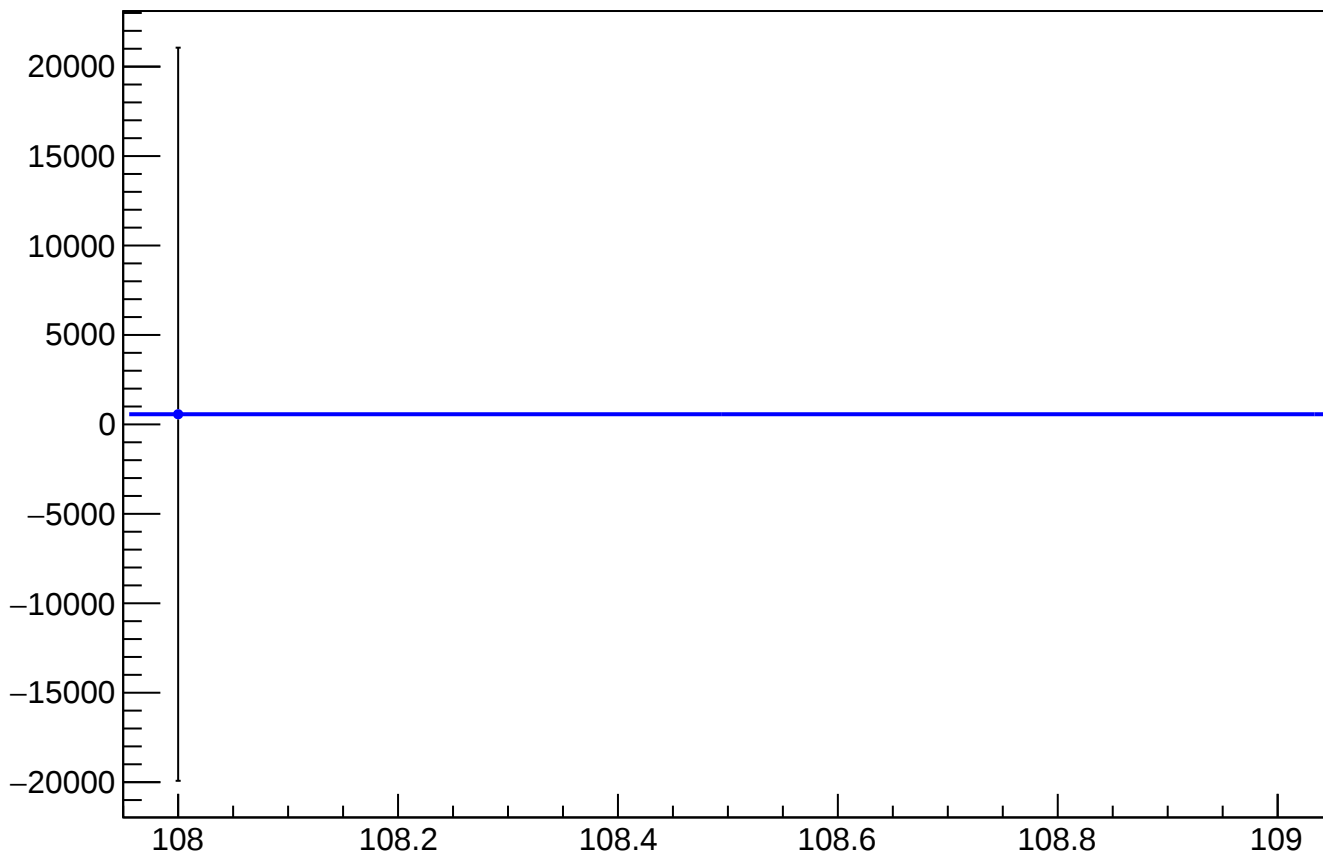
Right: 415.580+/-0.164 χ^2/NDF : 10619.2/7

In: 415.089+/-0.238 χ^2/NDF : 807.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 415.580+/-0.164 χ^2/NDF : 10619.2/7

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: 568.227+/-20491.566 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

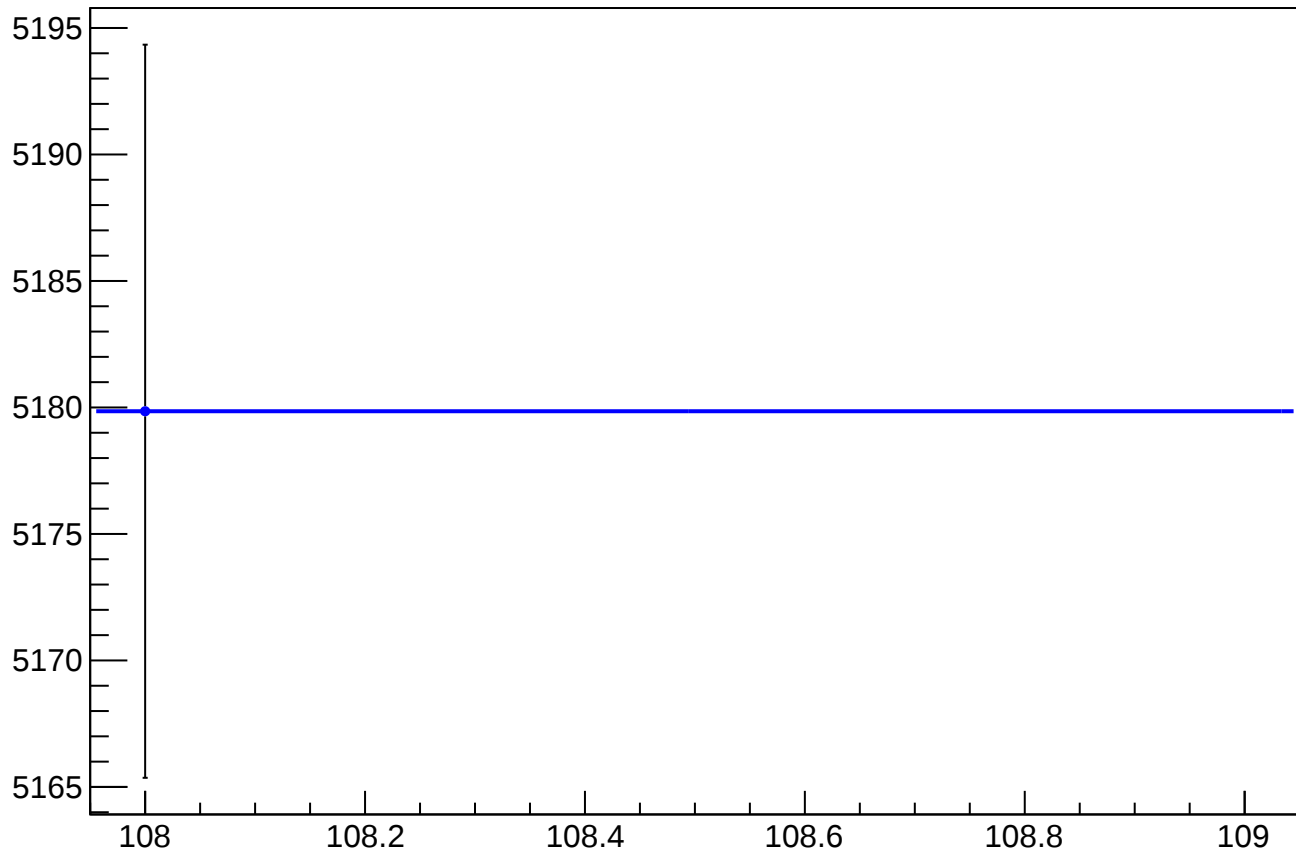
Right: 568.227+/-20491.566 χ^2 /NDF: 0.0/0

In: 568.227+/-20491.566 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 568.227+/-20491.566 χ^2 /NDF: 0.0/0

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 5179.851+/-14.490 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

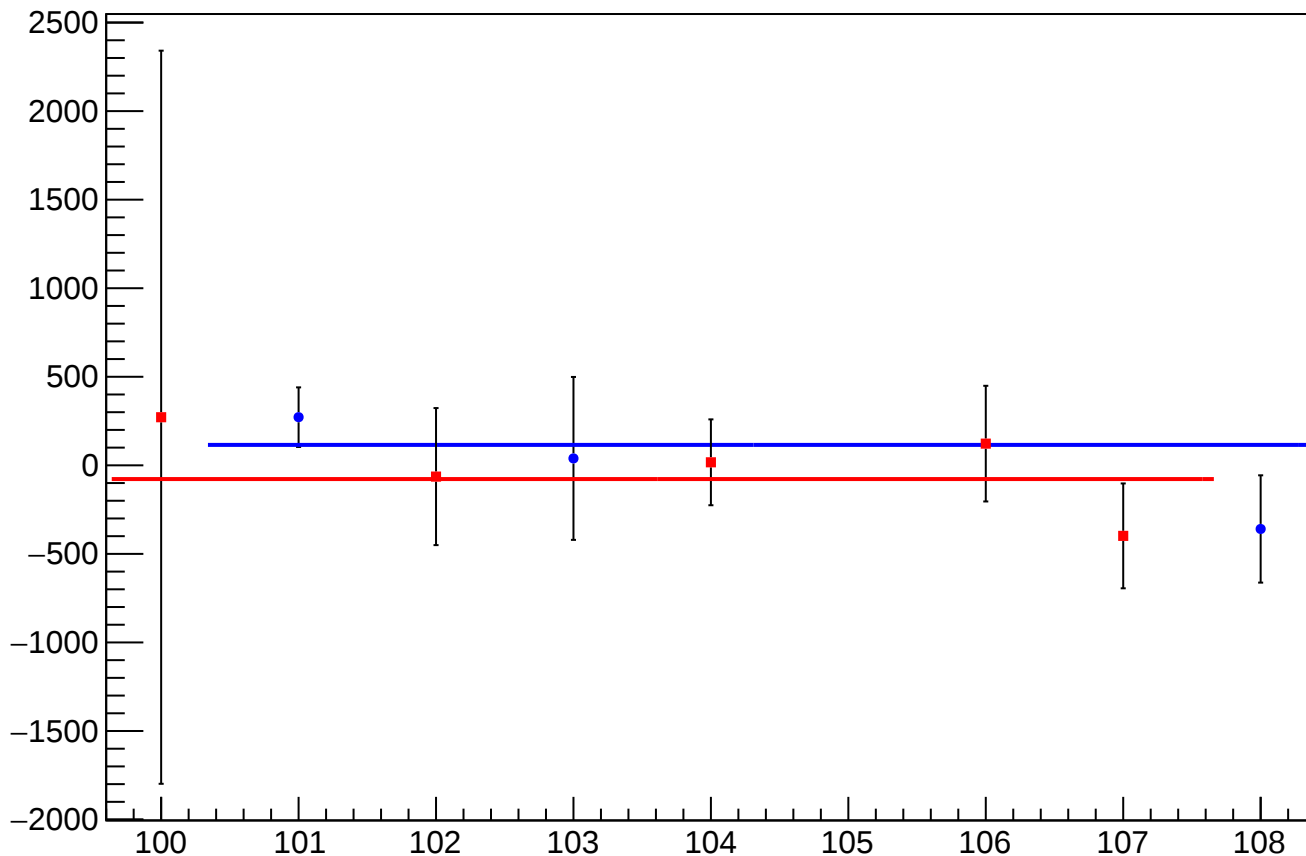
Right: 5179.851+/-14.490 χ^2/NDF : 0.0/0

In: 5179.851+/-14.490 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5179.851+/-14.490 χ^2/NDF : 0.0/0

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 115.387+/-140.070 χ^2/NDF : 3.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -77.528+/-149.532 χ^2/NDF : 1.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

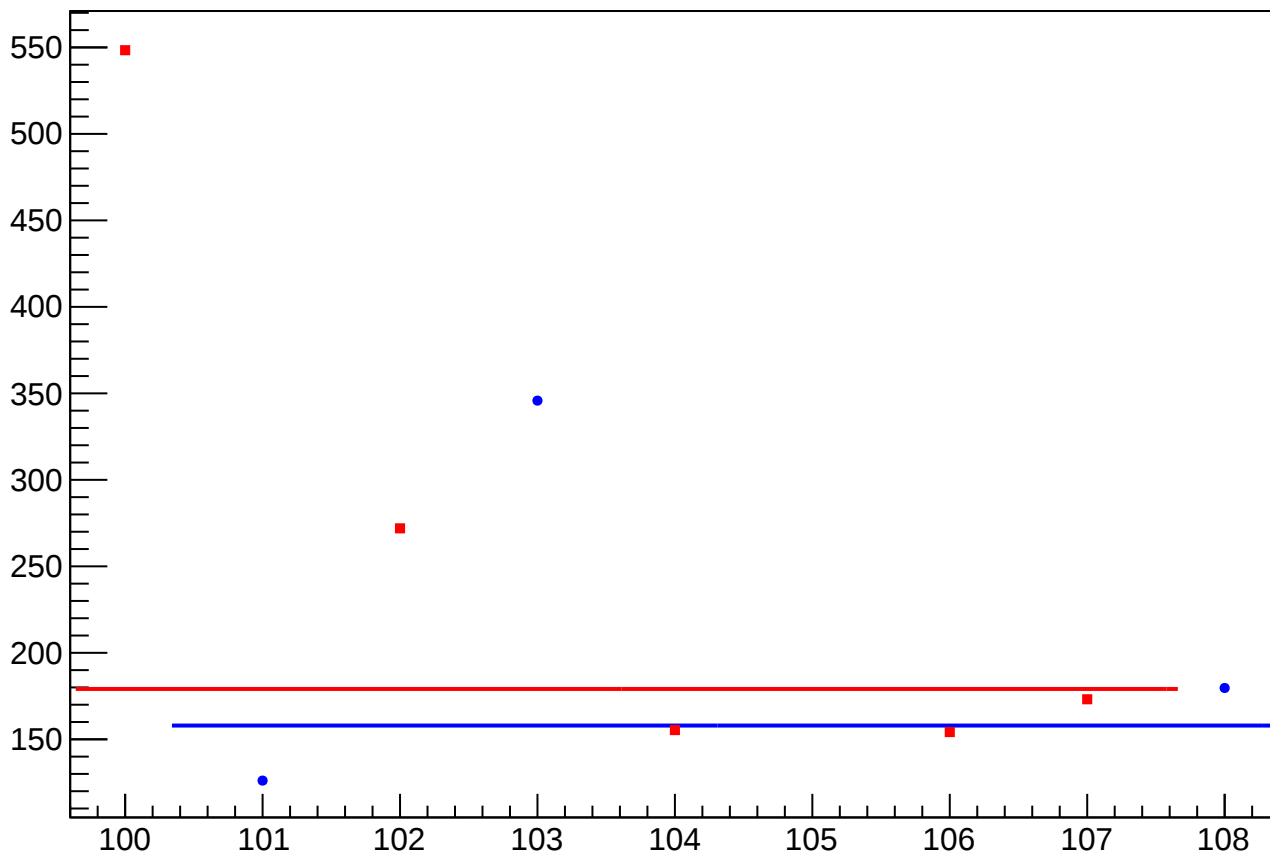
Right: 25.226+/-102.226 χ^2/NDF : 6.0/7

In: 115.387+/-140.070 χ^2/NDF : 3.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.226+/-102.226 χ^2/NDF : 6.0/7

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 157.956+/-0.099 χ^2/NDF : 415459.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 179.117+/-0.106 χ^2/NDF : 210550.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

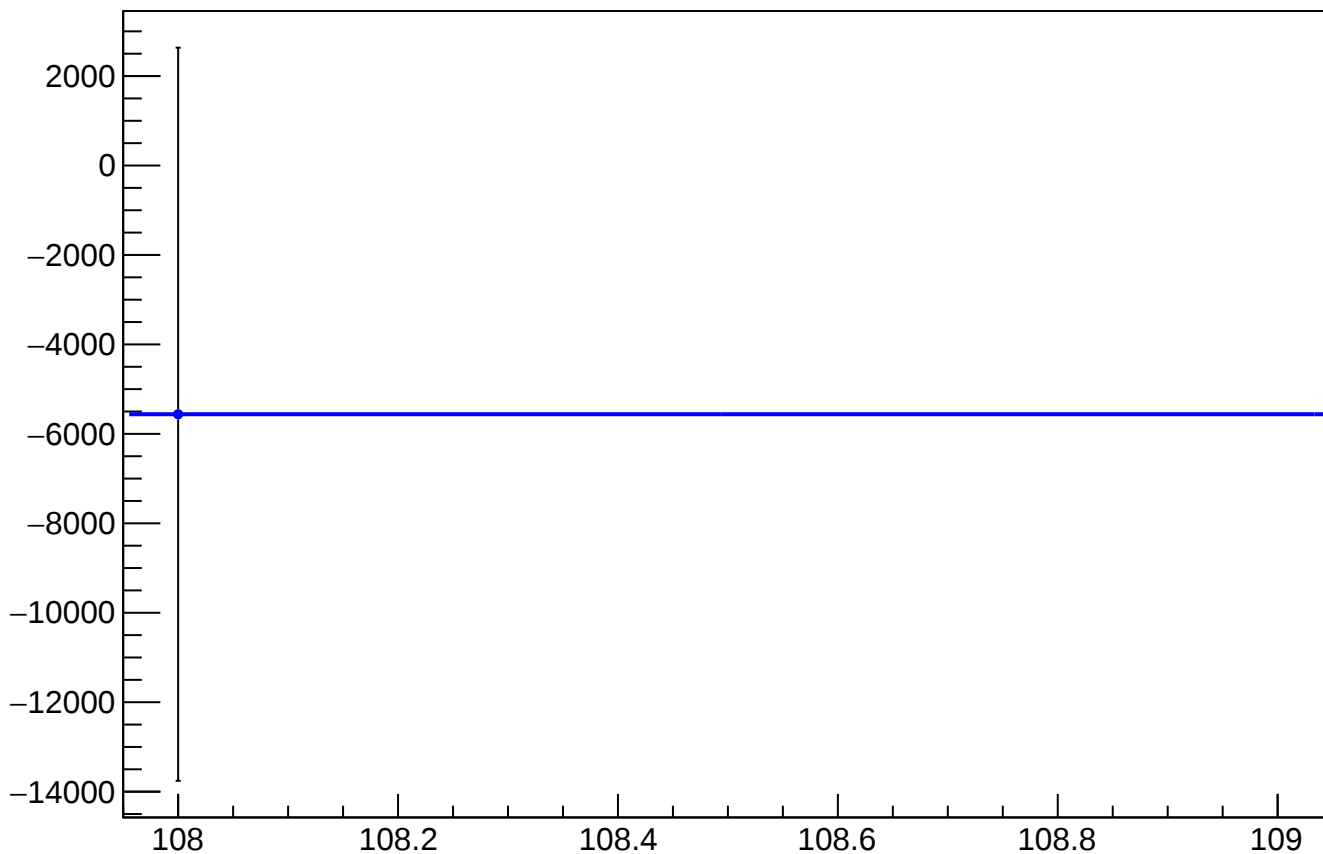
Right: 167.846+/-0.072 χ^2/NDF : 647344.1/7

In: 157.956+/-0.099 χ^2/NDF : 415459.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.846+/-0.072 χ^2/NDF : 647344.1/7

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -5561.050+/-8195.915 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

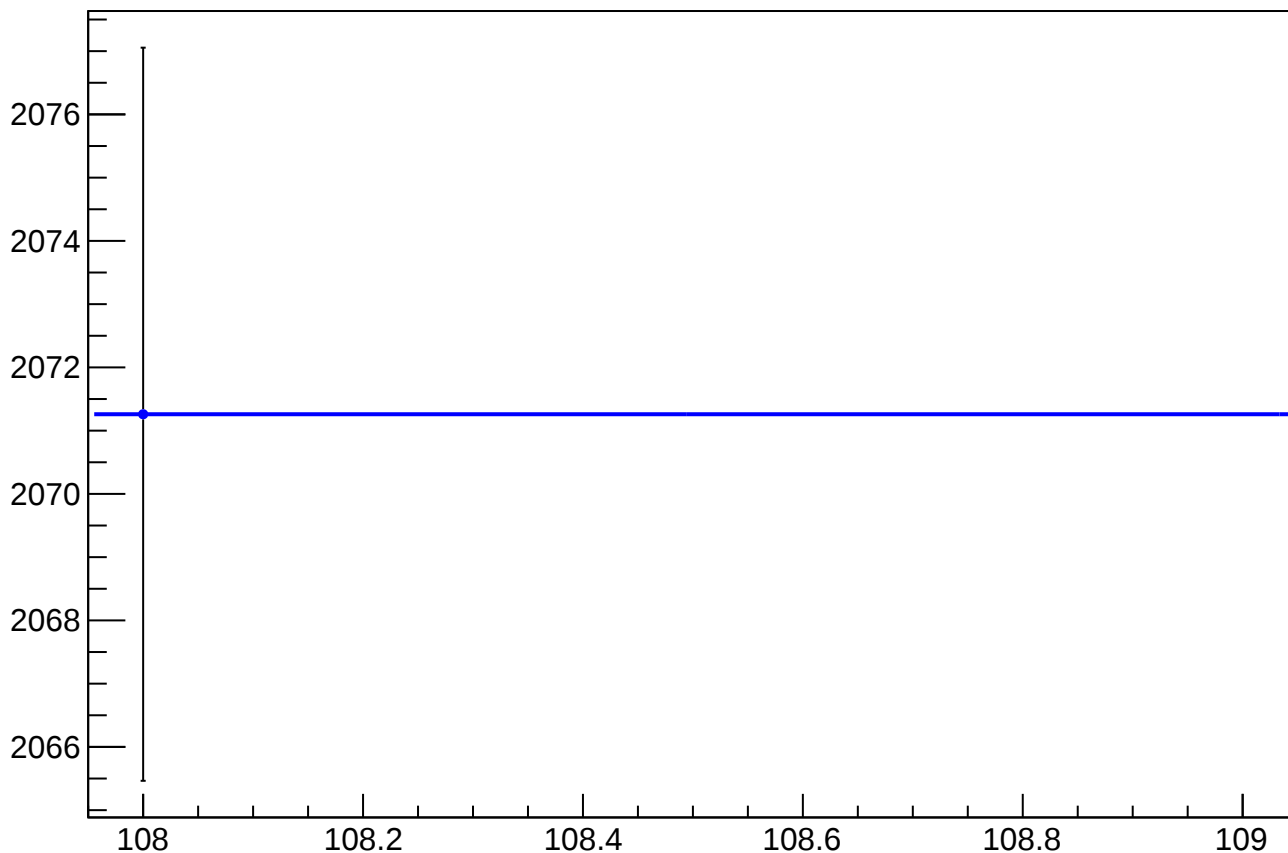
Right: -5561.050+/-8195.915 χ^2/NDF : 0.0/0

In: -5561.050+/-8195.915 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5561.050+/-8195.915 χ^2/NDF : 0.0/0

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 2071.260+/-5.795 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

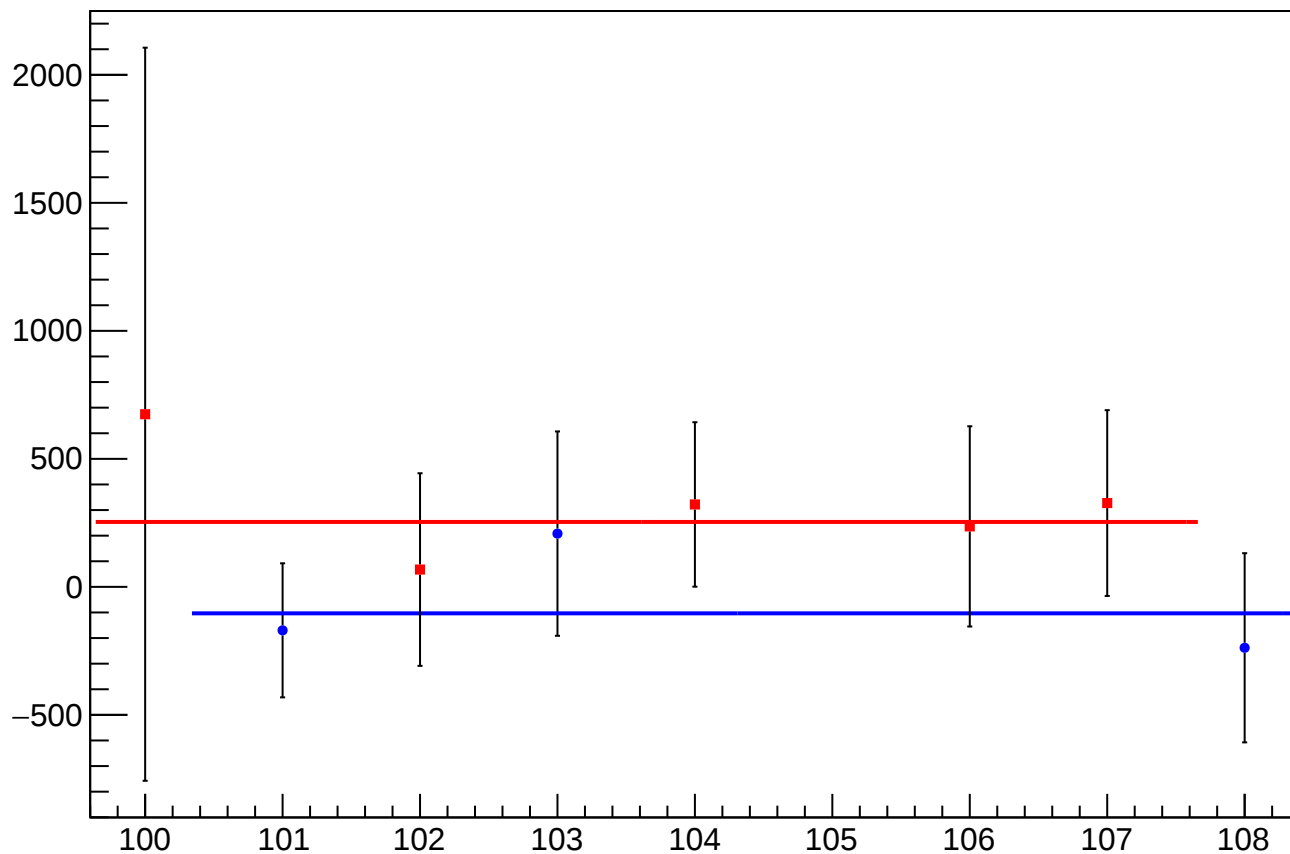
Right: 2071.260+/-5.795 χ^2/NDF : 0.0/0

In: 2071.260+/-5.795 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2071.260+/-5.795 χ^2/NDF : 0.0/0

reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: -103.416+/-188.353 χ^2/NDF : 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 253.553+/-178.517 χ^2/NDF : 0.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

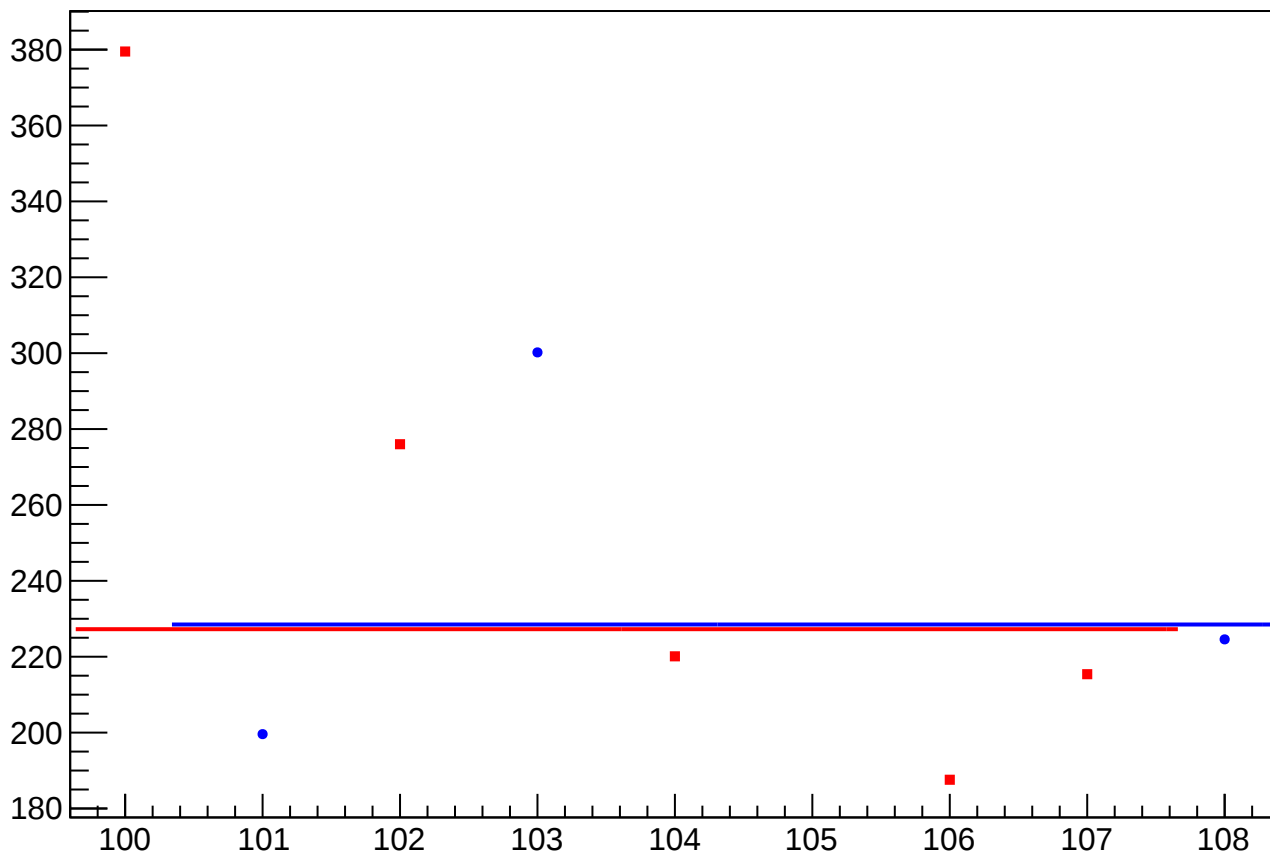
Right: 84.633+/-129.568 χ^2/NDF : 3.1/7

In: -103.416+/-188.353 χ^2/NDF : 0.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.633+/-129.568 χ^2/NDF : 3.1/7

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 228.490 $\pm$ 0.133 χ^2 /NDF: 89130.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 227.255 $\pm$ 0.126 χ^2 /NDF: 79914.1/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

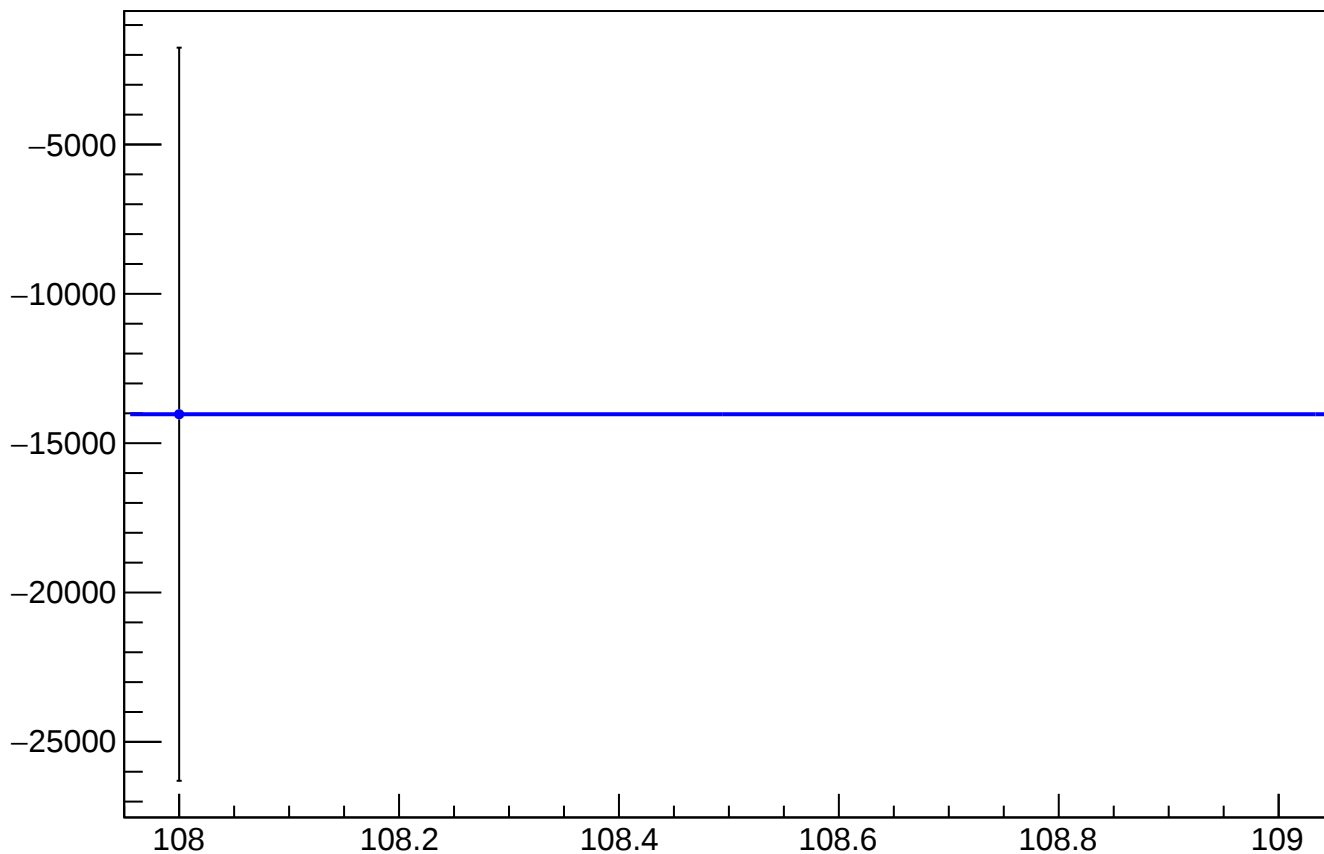
Right: 227.839 $\pm$ 0.092 χ^2 /NDF: 169090.3/7

In: 228.490 $\pm$ 0.133 χ^2 /NDF:89130.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 227.839 $\pm$ 0.092 χ^2 /NDF: 169090.3/7

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -14030.787+/-12272.736 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

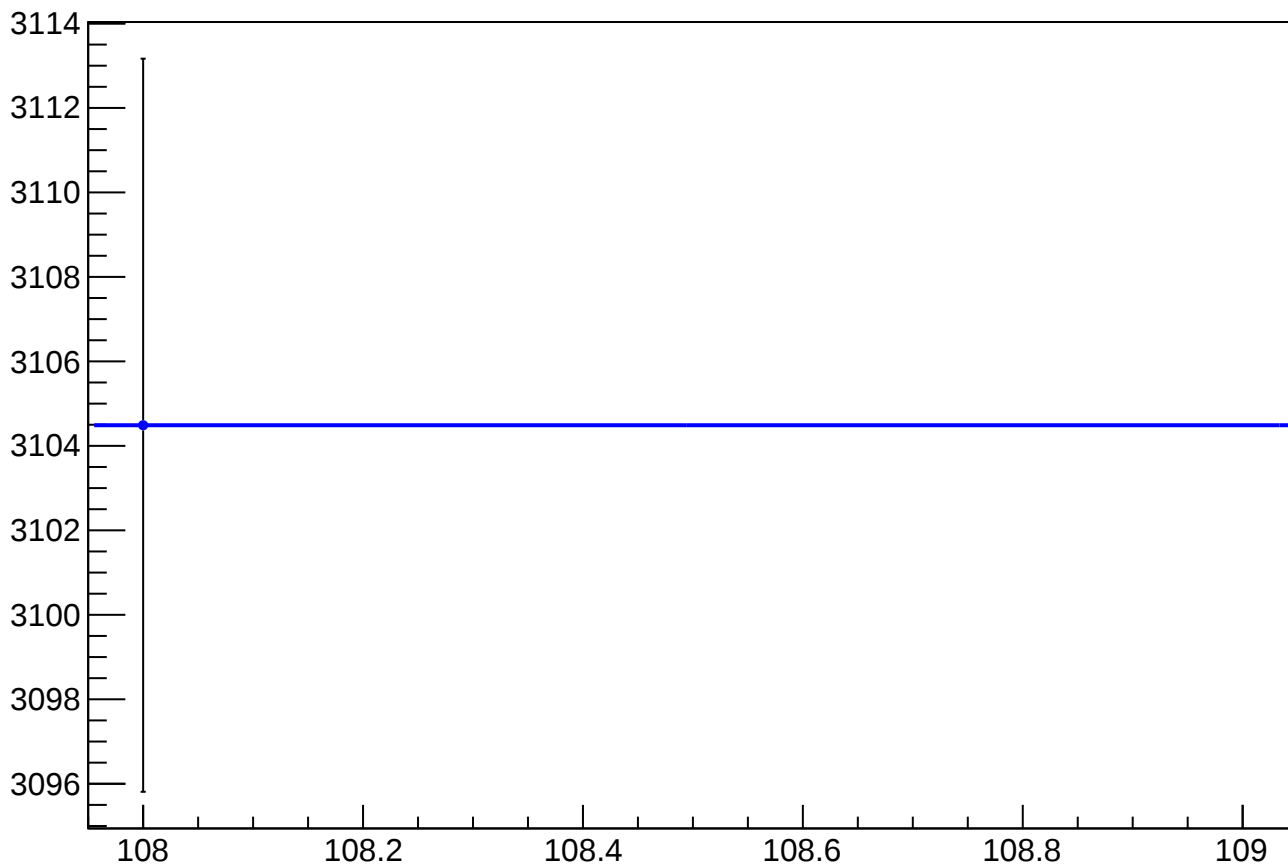
Right: -14030.787+/-12272.736 χ^2 /NDF: 0.0/0

In: -14030.787+/-12272.736 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -14030.787+/-12272.736 χ^2 /NDF: 0.0/0

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 3104.488+/-8.678 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

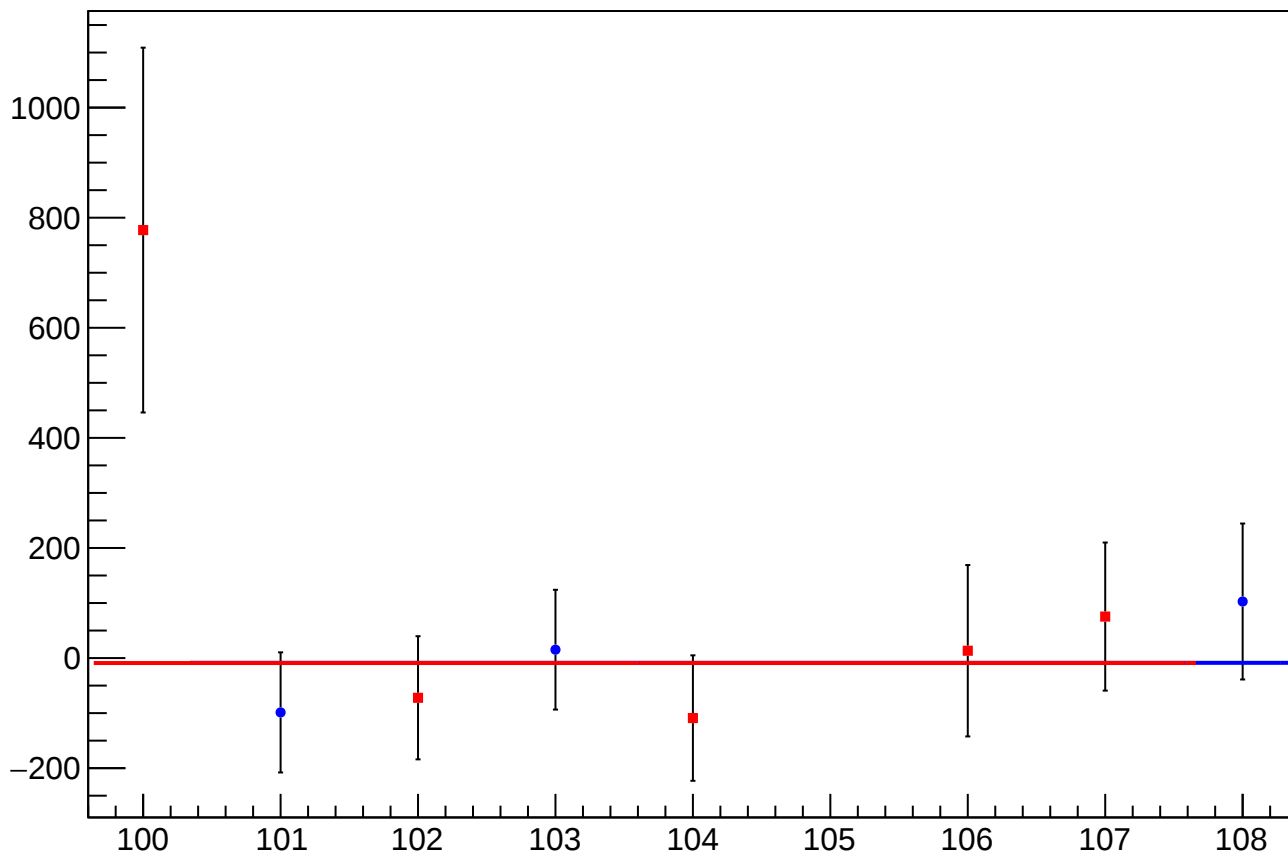
Right: 3104.488+/-8.678 χ^2/NDF : 0.0/0

In: 3104.488+/-8.678 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3104.488+/-8.678 χ^2/NDF : 0.0/0

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: -8.625+/-67.677 χ^2/NDF : 1.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.991+/-61.713 χ^2/NDF : 7.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

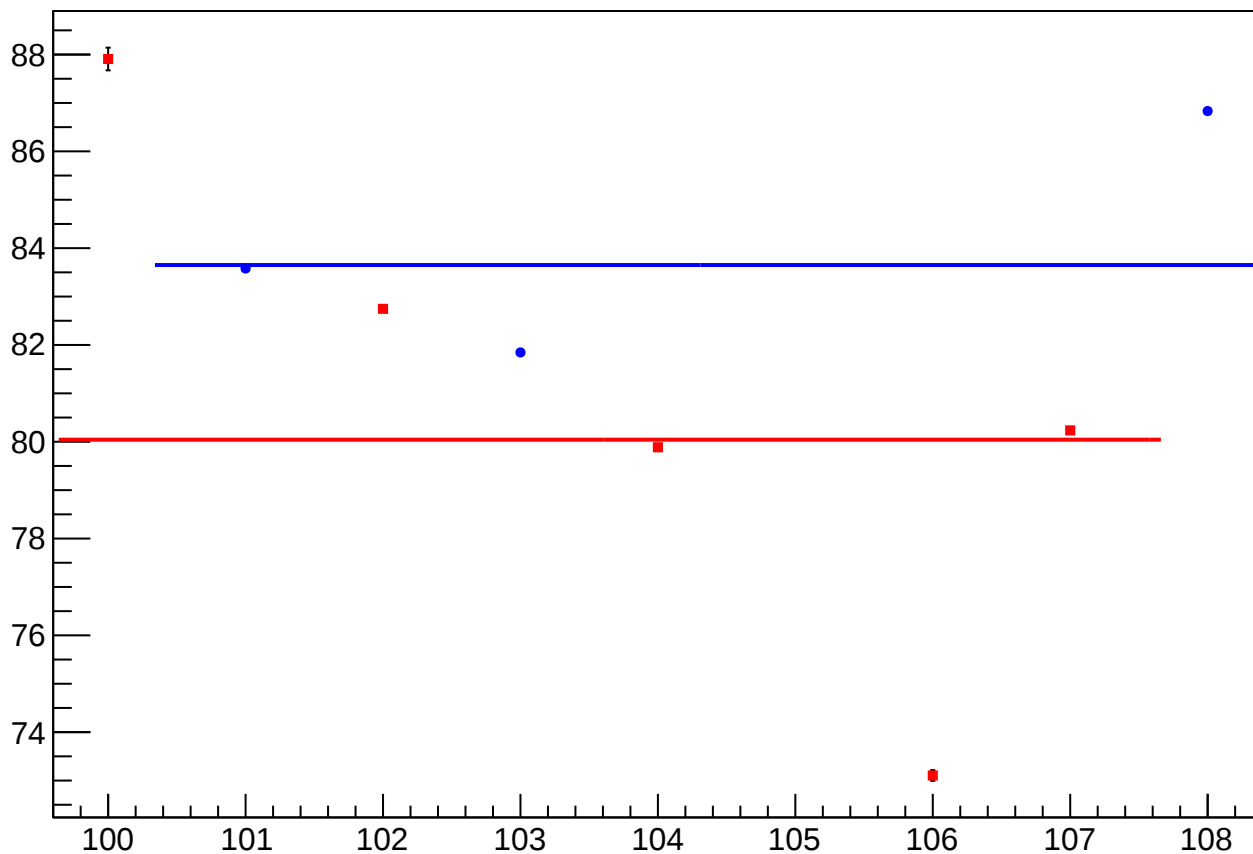
Right: -8.825+/-45.601 χ^2/NDF : 8.5/7

In: -8.625+/-67.677 χ^2/NDF : 1.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.825+/-45.601 χ^2/NDF : 8.5/7

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 83.651 $\pm$ 0.048 χ^2 /NDF: 1560.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 80.043 $\pm$ 0.044 χ^2 /NDF: 6274.6/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

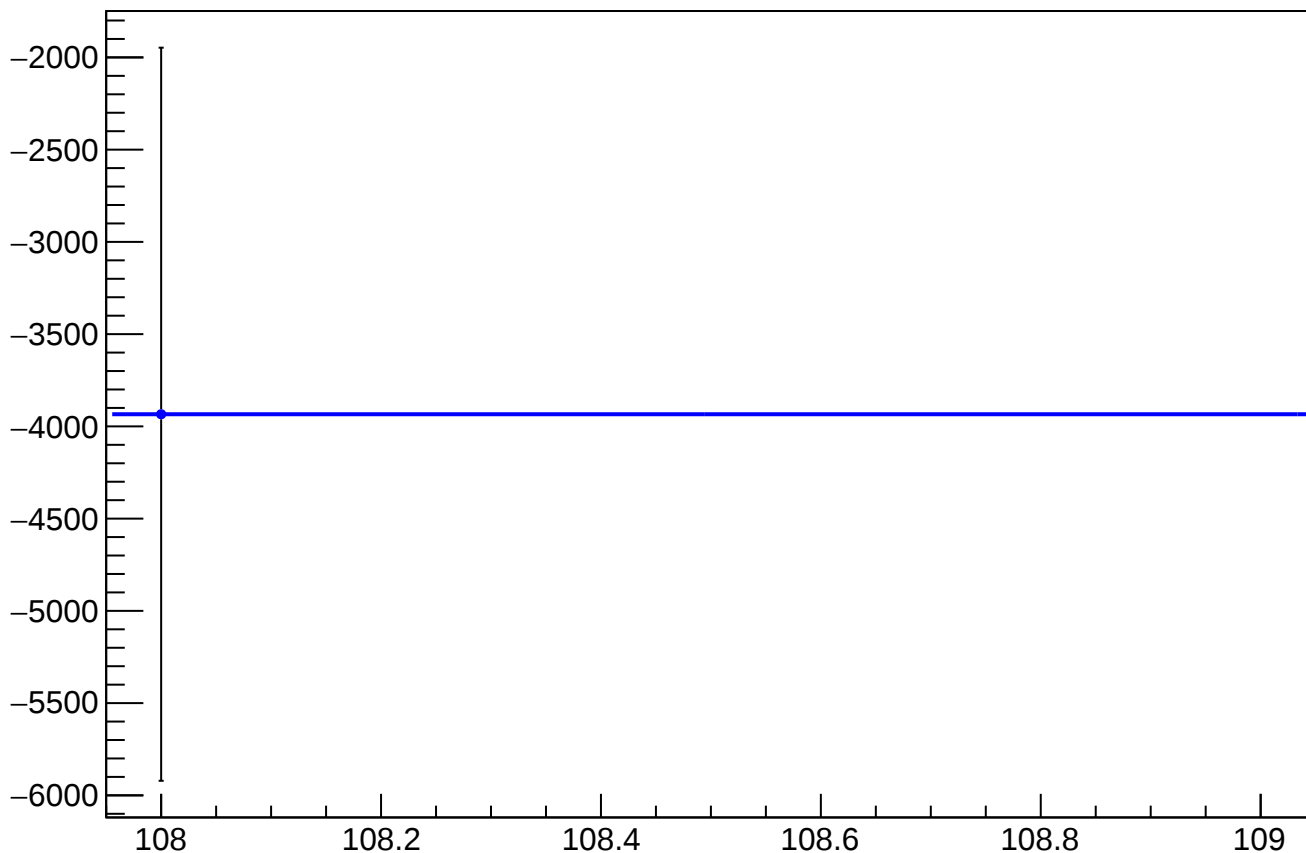
Right: 81.681 $\pm$ 0.032 χ^2 /NDF: 10939.7/7

In: 83.651 $\pm$ 0.048 χ^2 /NDF: 1560.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 81.681 $\pm$ 0.032 χ^2 /NDF: 10939.7/7

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: -3934.170+/-1986.936 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

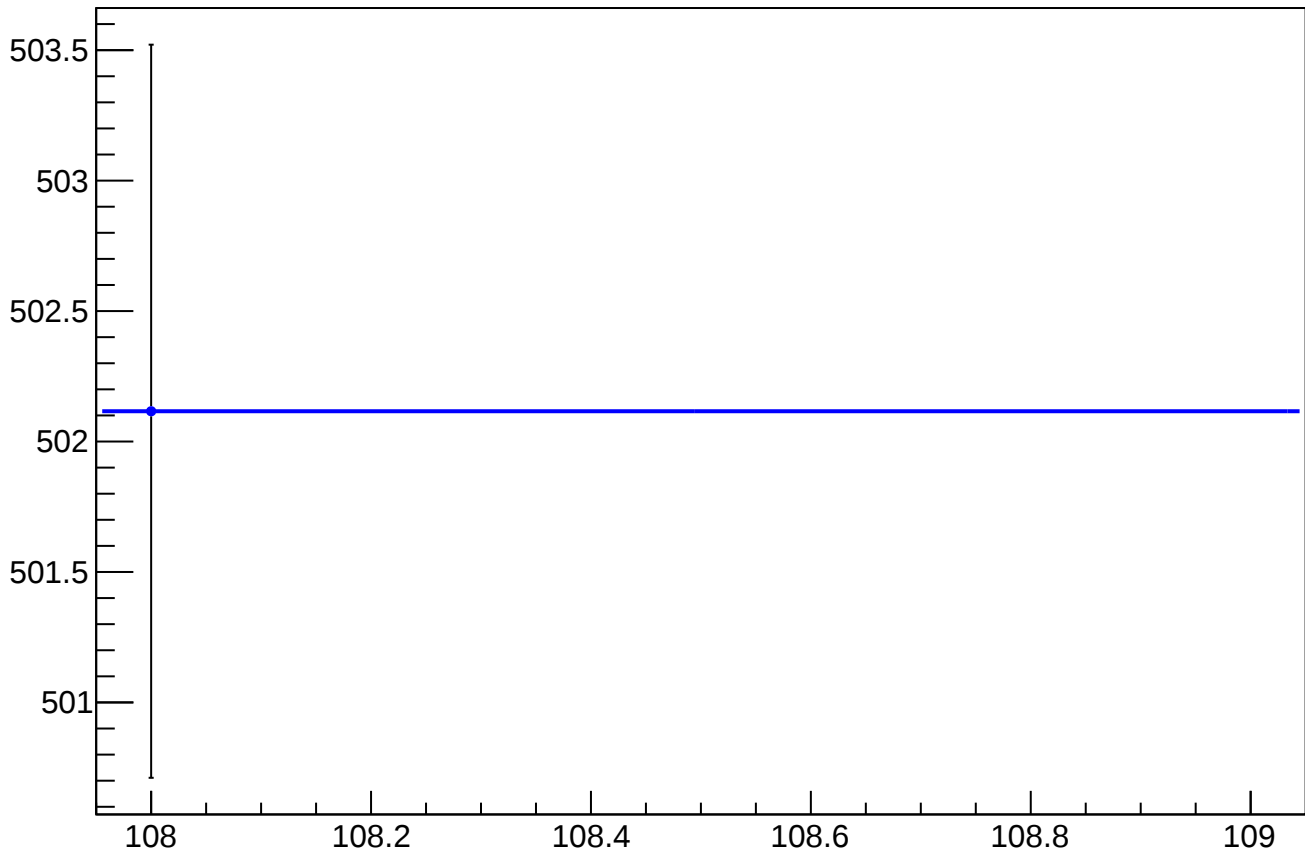
Right: -3934.170+/-1986.936 χ^2/NDF : 0.0/0

In: -3934.170+/-1986.936 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3934.170+/-1986.936 χ^2/NDF : 0.0/0

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 502.116 $\pm$ 1.405 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

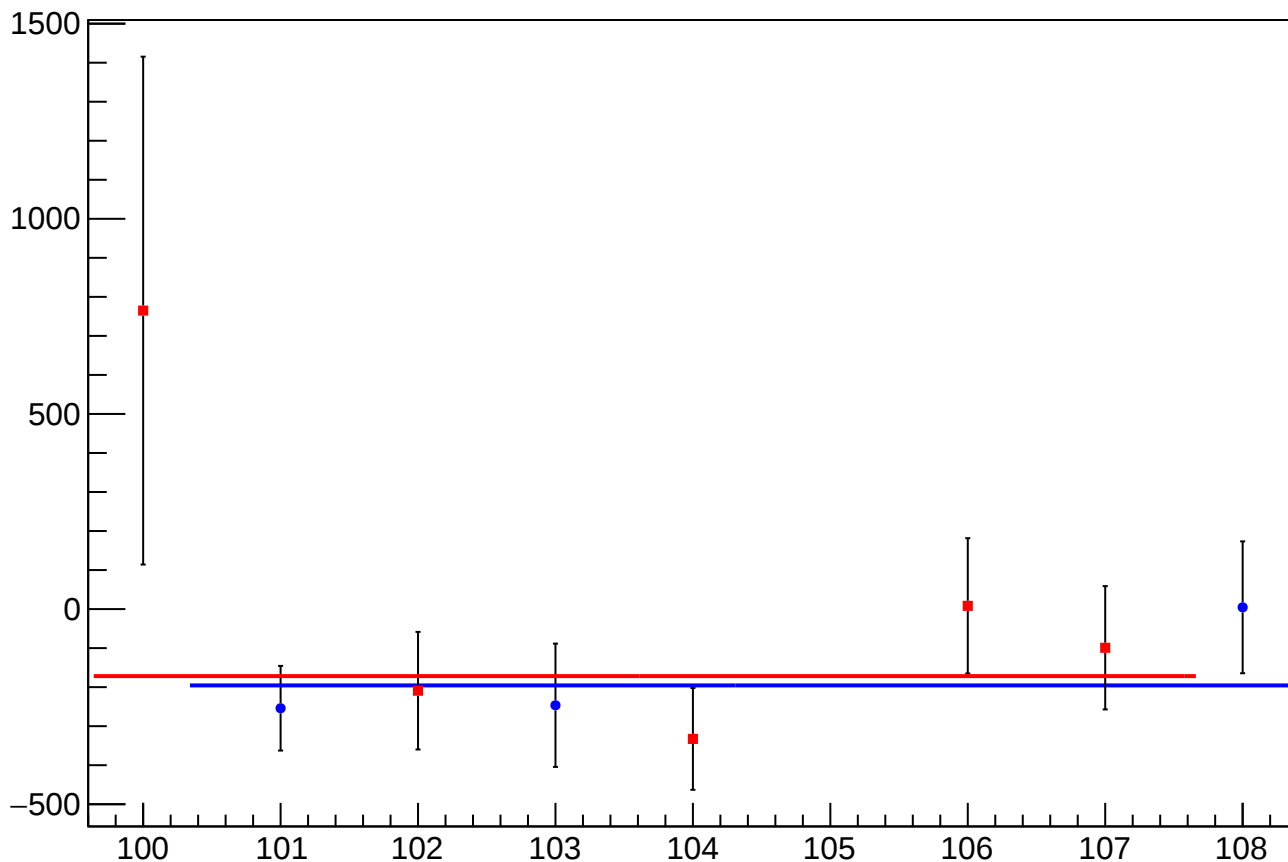
Right: 502.116 $\pm$ 1.405 χ^2 /NDF: 0.0/0

In: 502.116 $\pm$ 1.405 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 502.116 $\pm$ 1.405 χ^2 /NDF: 0.0/0

reg_asym_sam6_mean vs Slug, Sign Corrected



Right In: -195.579+/-79.018 χ^2/NDF : 1.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -171.741+/-74.827 χ^2/NDF : 4.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

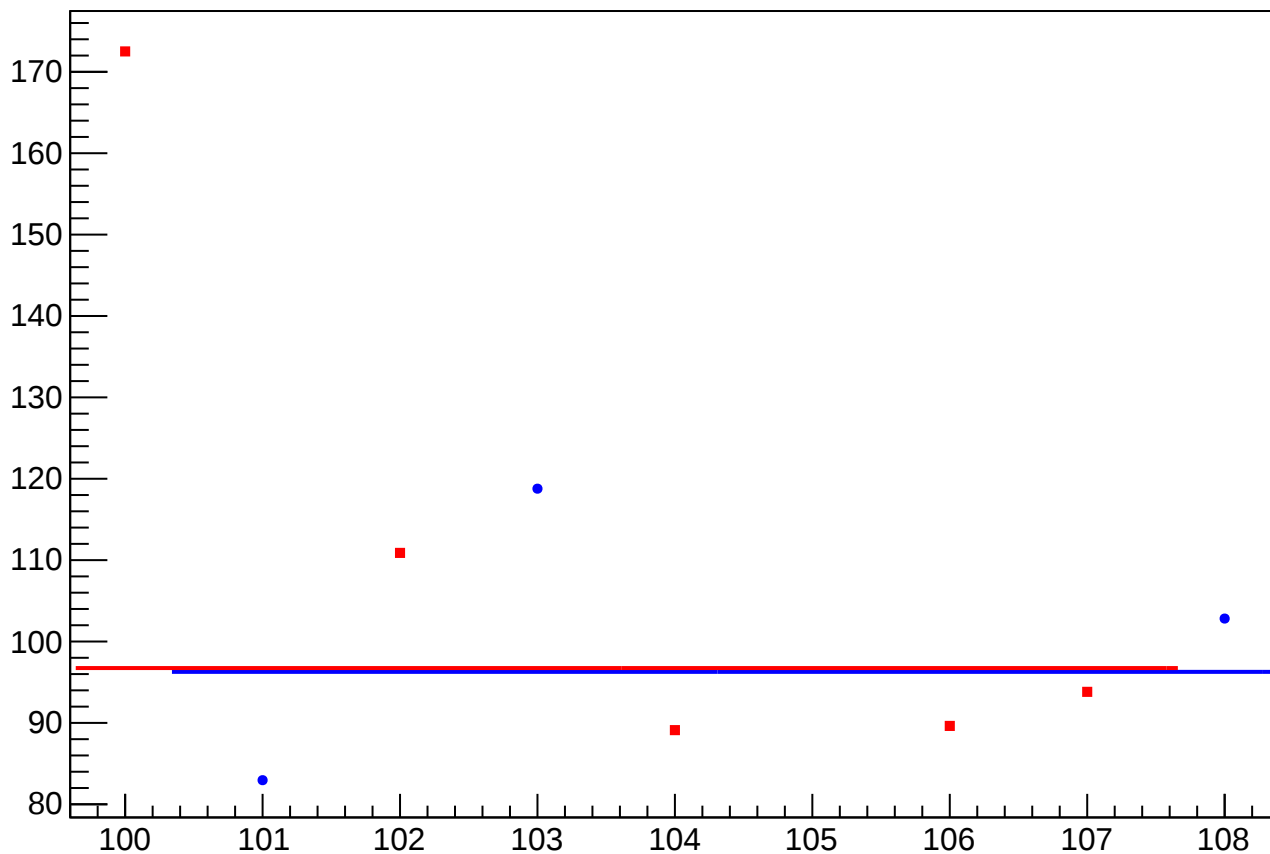
Right: -183.011+/-54.332 χ^2/NDF : 6.8/7

In: -195.579+/-79.018 χ^2/NDF : 1.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -183.011+/-54.332 χ^2/NDF : 6.8/7

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 96.272+/-0.056 χ^2/NDF : 73755.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.740+/-0.053 χ^2/NDF : 55661.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

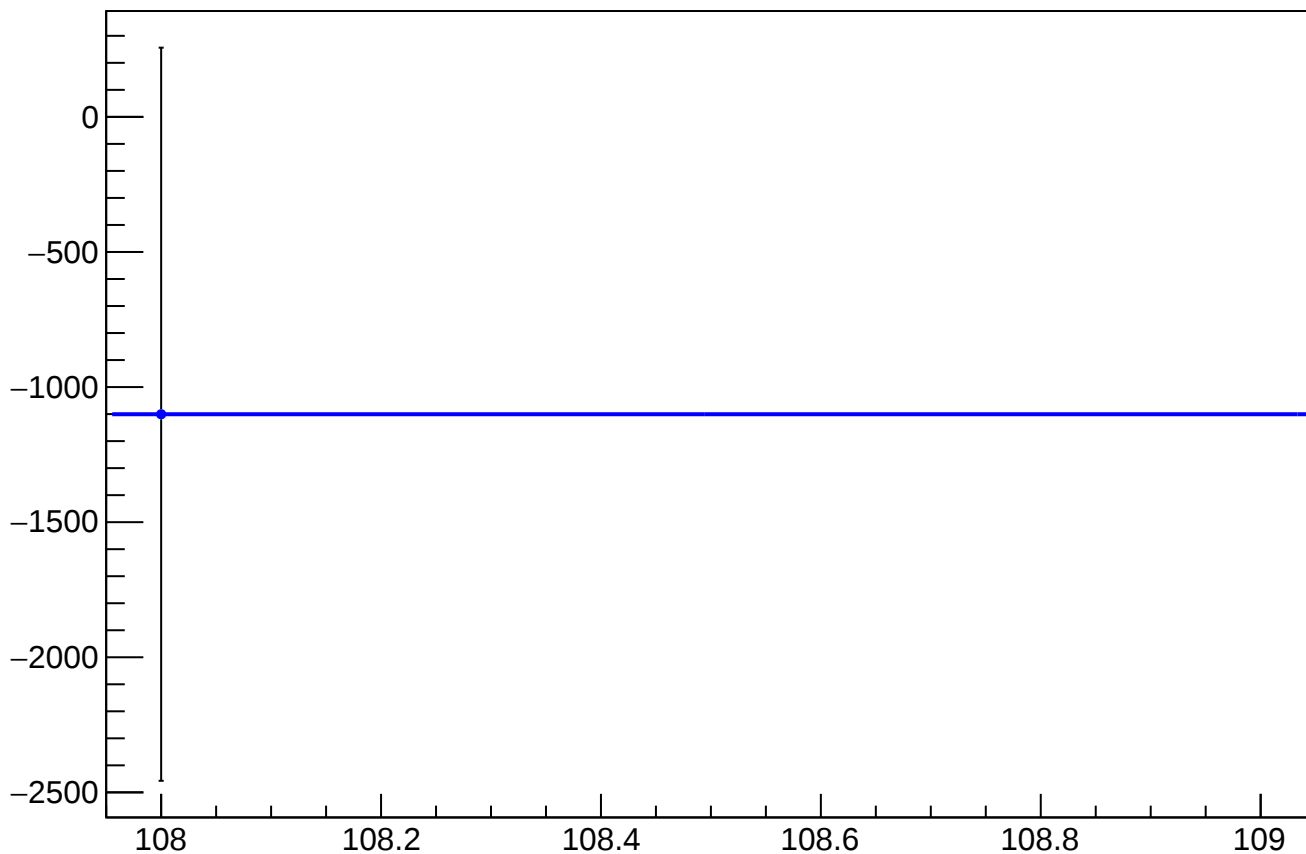
Right: 96.519+/-0.038 χ^2/NDF : 129453.1/7

In: 96.272+/-0.056 χ^2/NDF : 73755.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.519+/-0.038 χ^2/NDF : 129453.1/7

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: -1100.524 +/- 1356.660 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

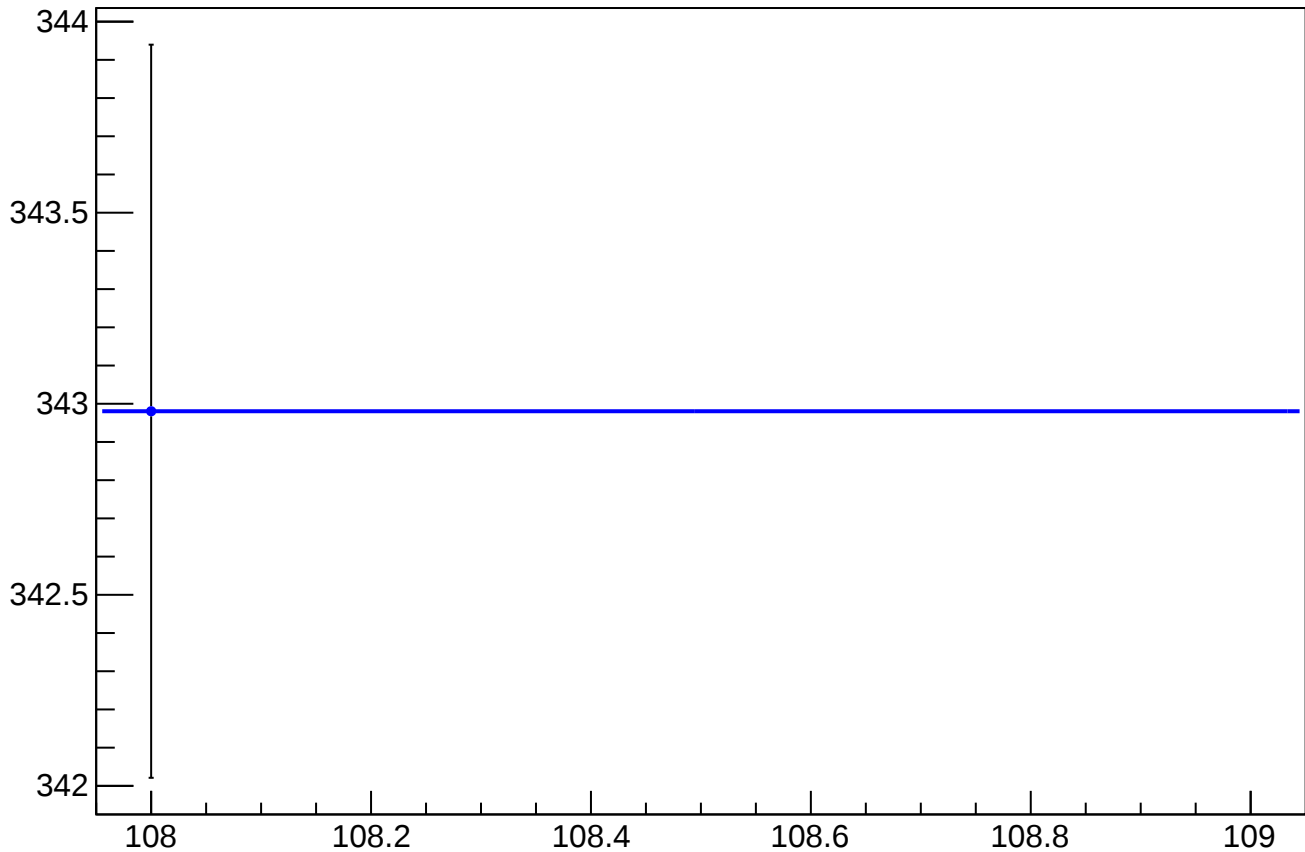
Right: -1100.524 +/- 1356.660 χ^2/NDF : 0.0/0

In: -1100.524 +/- 1356.660 χ^2/NDF : 0.0/0

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -1100.524 +/- 1356.660 χ^2/NDF : 0.0/0

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 342.980 $\pm$ 0.959 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

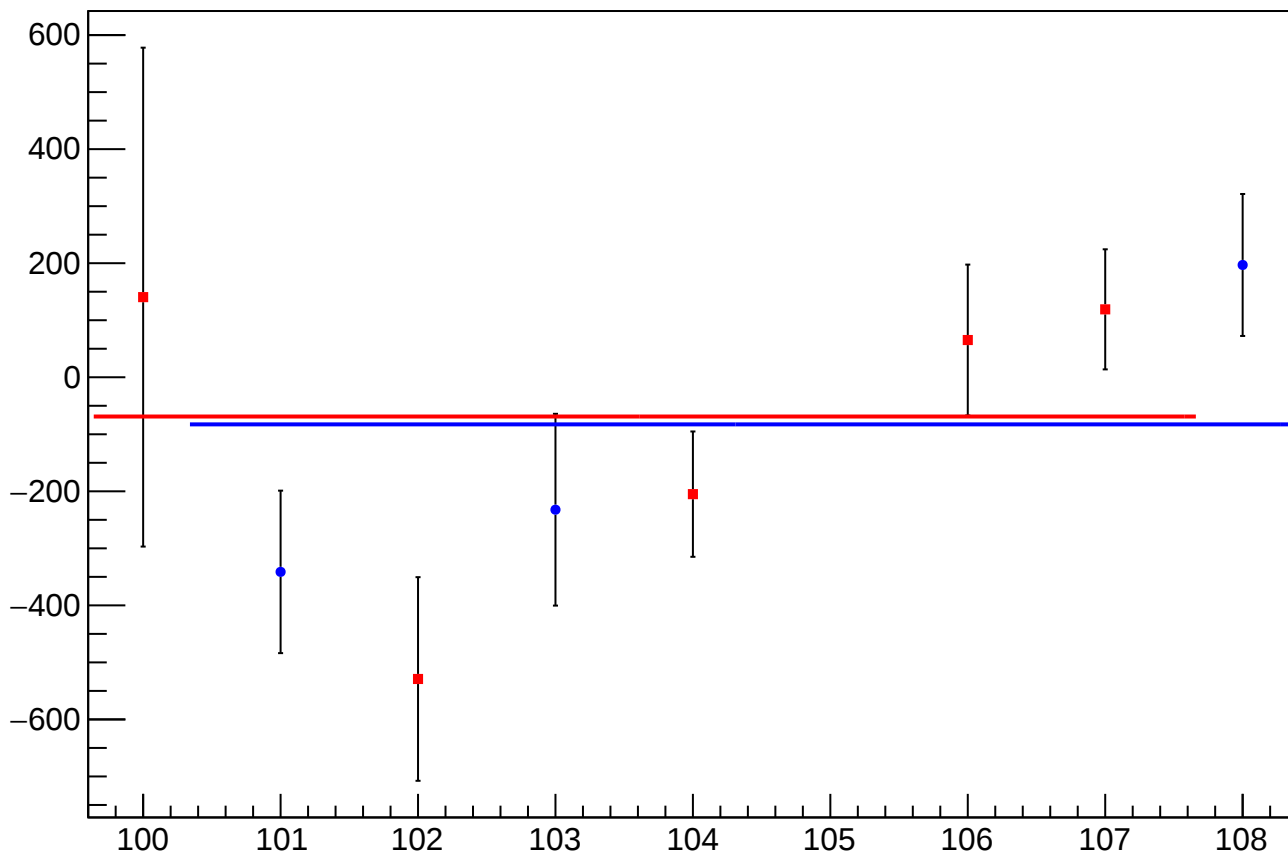
Right: 342.980 $\pm$ 0.959 χ^2 /NDF: 0.0/0

In: 342.980 $\pm$ 0.959 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 342.980 $\pm$ 0.959 χ^2 /NDF: 0.0/0

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: -82.617 $\pm$ 81.875 χ^2 /NDF: 9.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -68.841 $\pm$ 61.226 χ^2 /NDF: 12.6/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

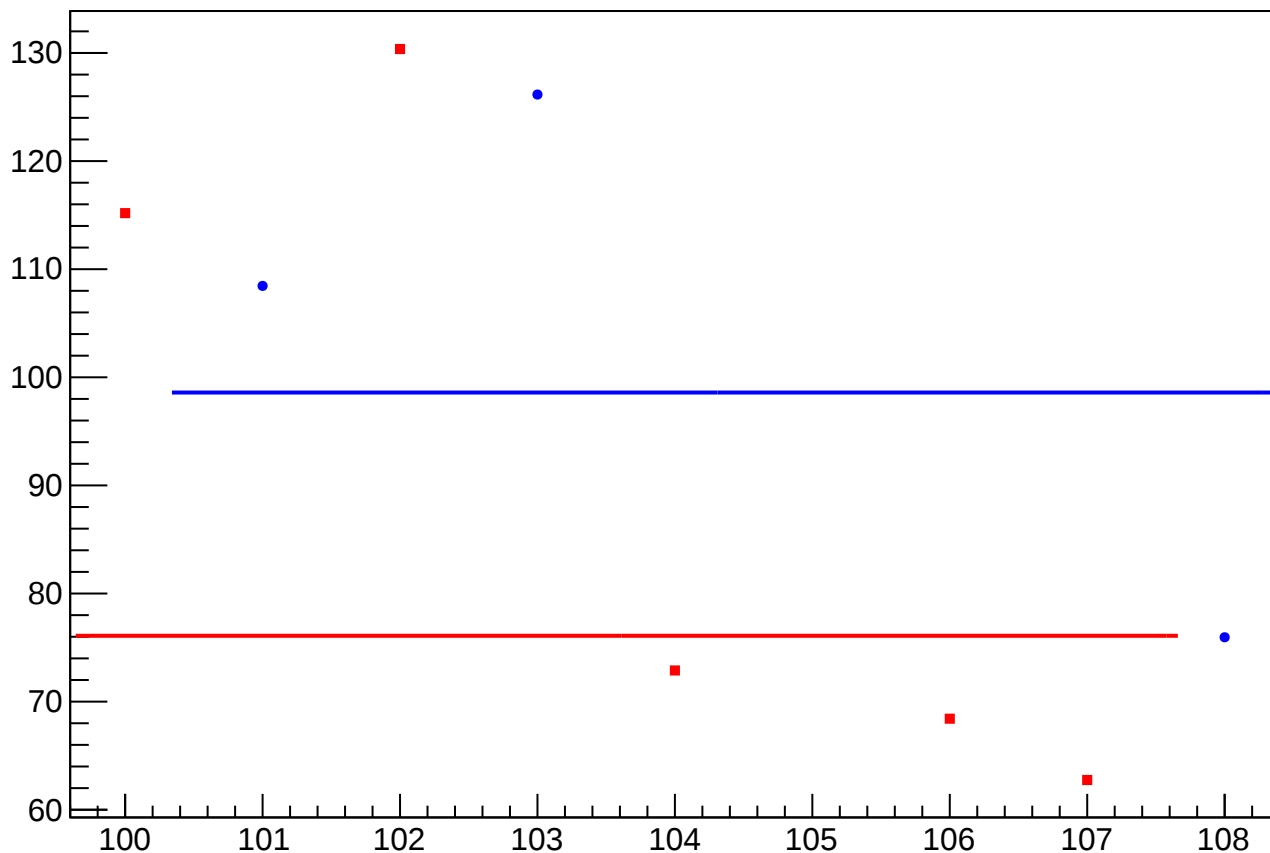
Right: -73.782 $\pm$ 49.032 χ^2 /NDF: 21.8/7

In: -82.617 $\pm$ 81.875 χ^2 /NDF:9.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -73.782 $\pm$ 49.032 χ^2 /NDF: 21.8/7

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 98.591 $\pm$ 0.058 χ^2 /NDF: 129478.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 76.090 $\pm$ 0.043 χ^2 /NDF: 241306.1/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

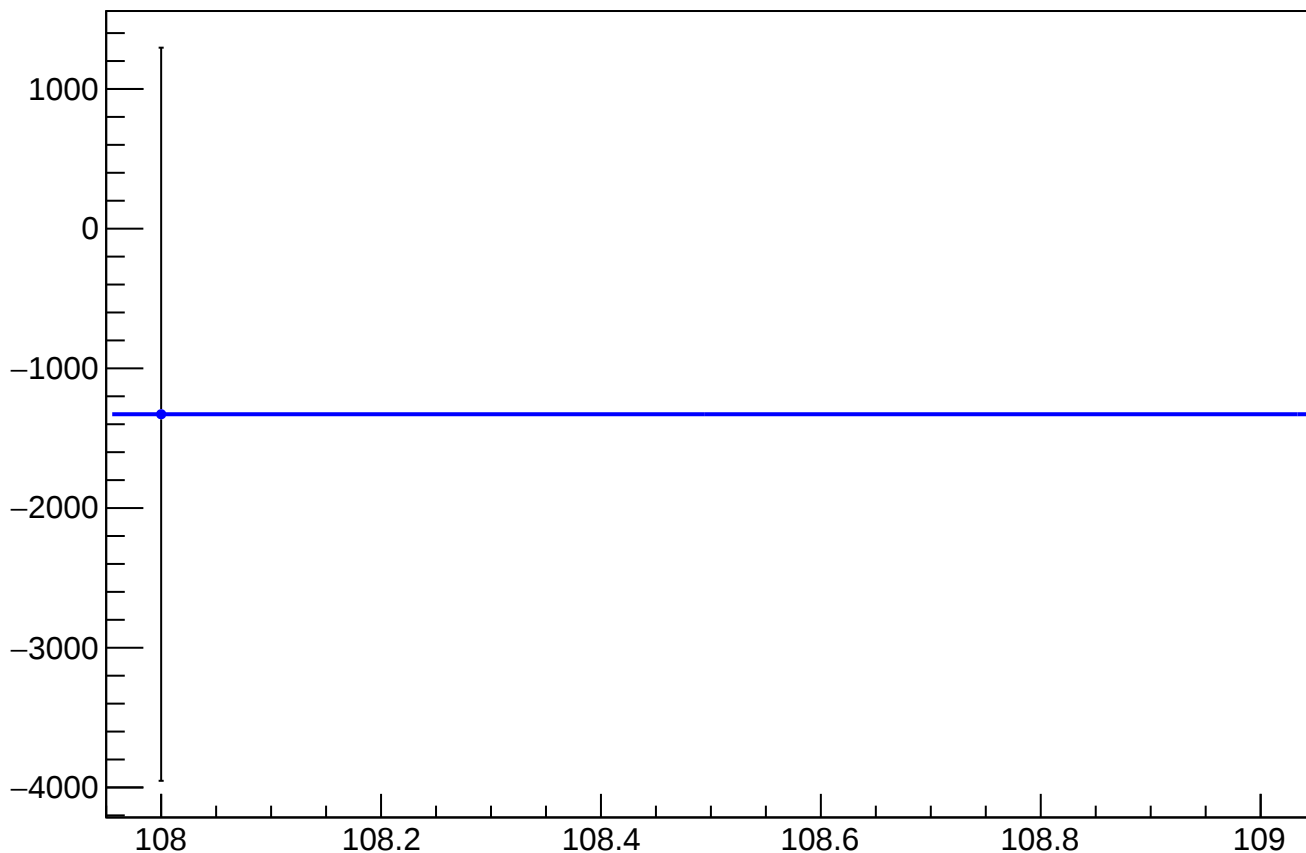
Right: 84.160 $\pm$ 0.035 χ^2 /NDF: 467664.3/7

In: 98.591 $\pm$ 0.058 χ^2 /NDF: 129478.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 84.160 $\pm$ 0.035 χ^2 /NDF: 467664.3/7

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -1328.395+/-2624.031 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

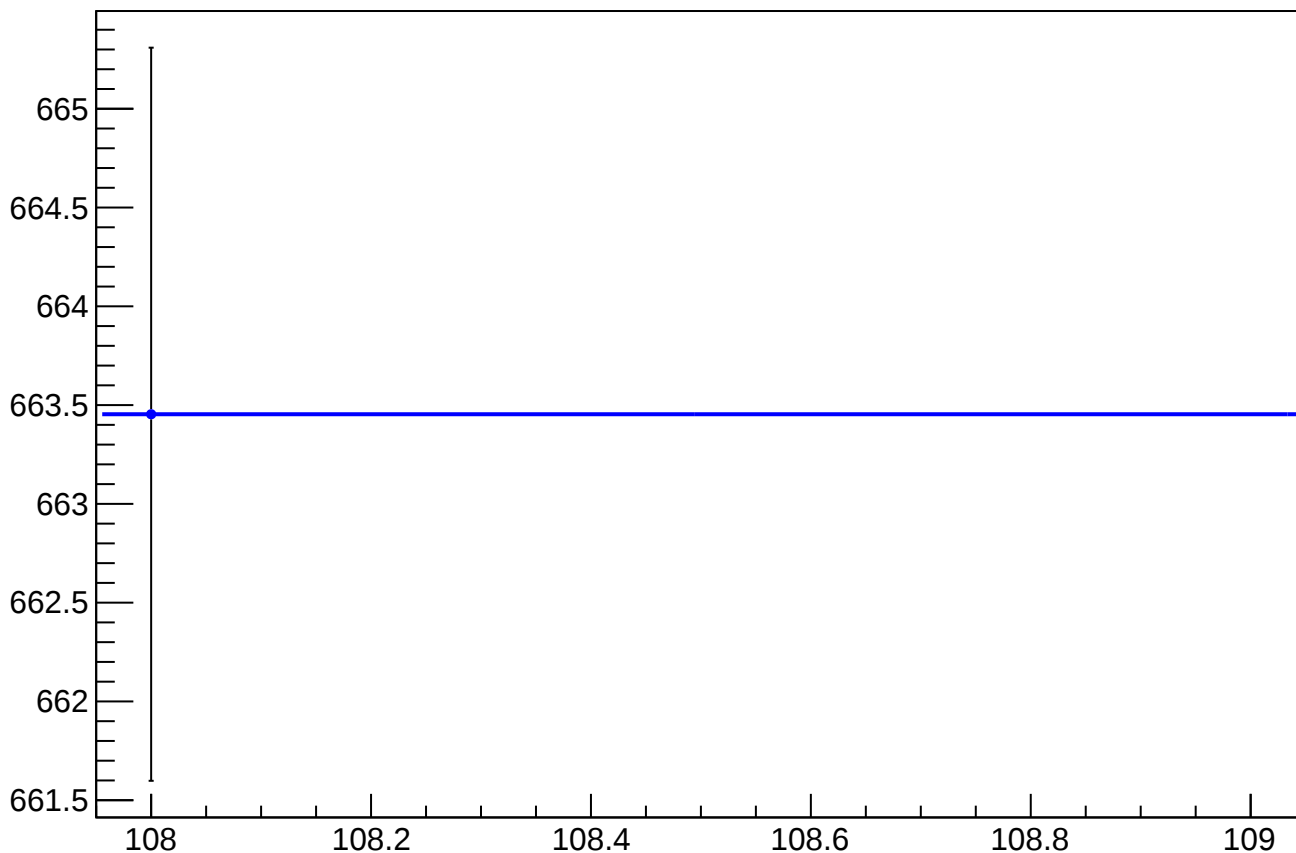
Right: -1328.395+/-2624.031 χ^2/NDF : 0.0/0

In: -1328.395+/-2624.031 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1328.395+/-2624.031 χ^2/NDF : 0.0/0

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 663.454+/-1.855 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

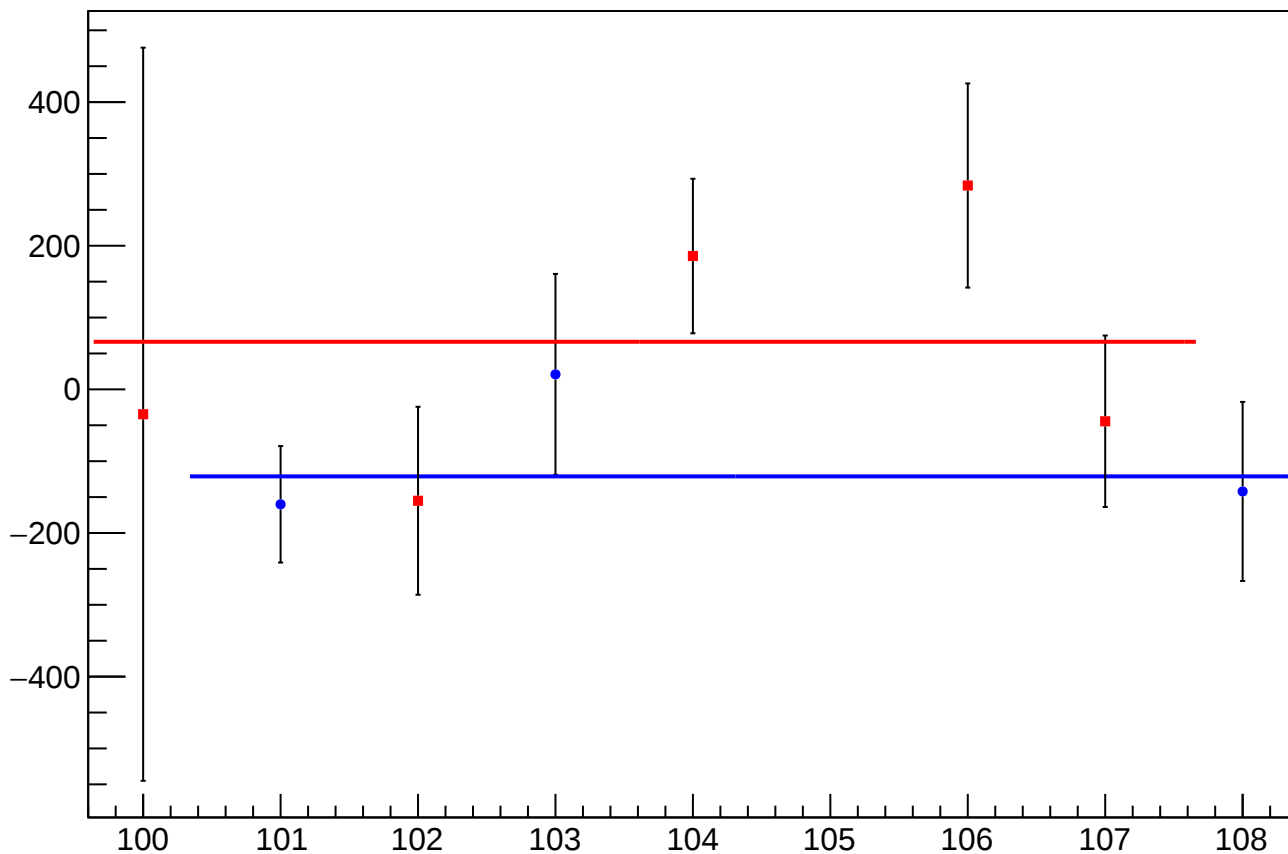
Right: 663.454+/-1.855 χ^2/NDF : 0.0/0

In: 663.454+/-1.855 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 663.454+/-1.855 χ^2/NDF : 0.0/0

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -121.165+/-61.148 χ^2/NDF : 1.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.280+/-61.048 χ^2/NDF : 7.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

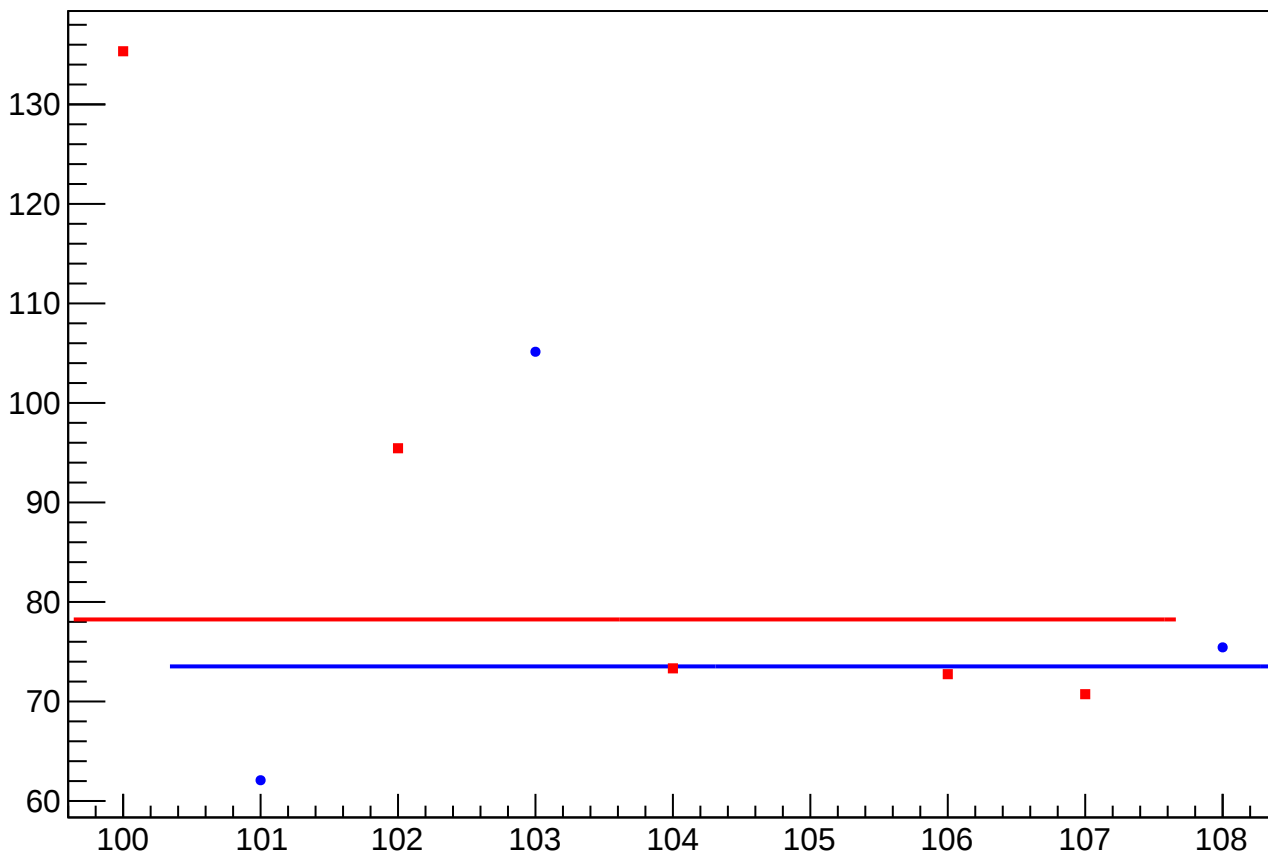
Right: -27.289+/-43.203 χ^2/NDF : 13.3/7

In: -121.165+/-61.148 χ^2/NDF : 1.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.289+/-43.203 χ^2/NDF : 13.3/7

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 73.525+/-0.043 χ^2/NDF : 142424.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.243+/-0.043 χ^2/NDF : 74671.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

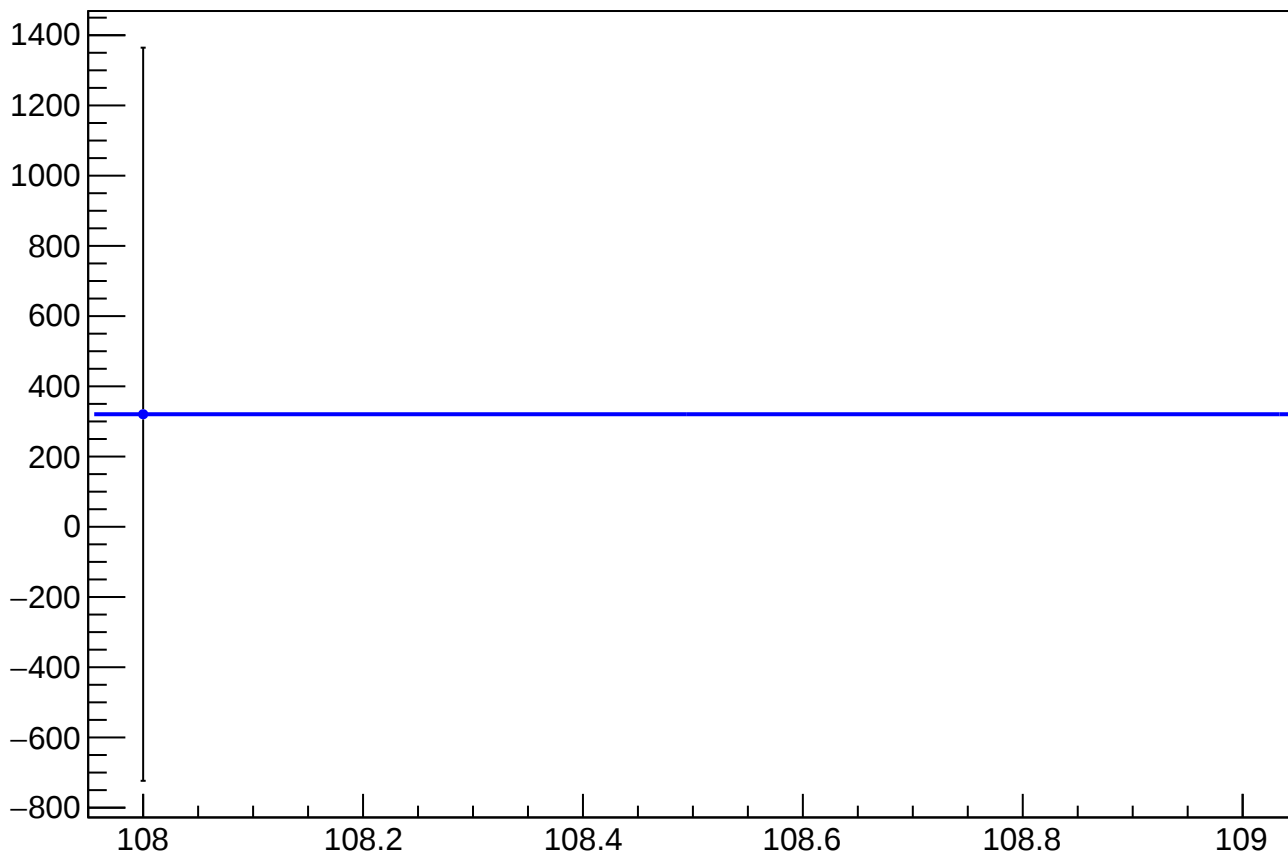
Right: 75.888+/-0.031 χ^2/NDF : 223059.8/7

In: 73.525+/-0.043 χ^2/NDF : 142424.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.888+/-0.031 χ^2/NDF : 223059.8/7

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: 320.543 $\pm$ 1043.985 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

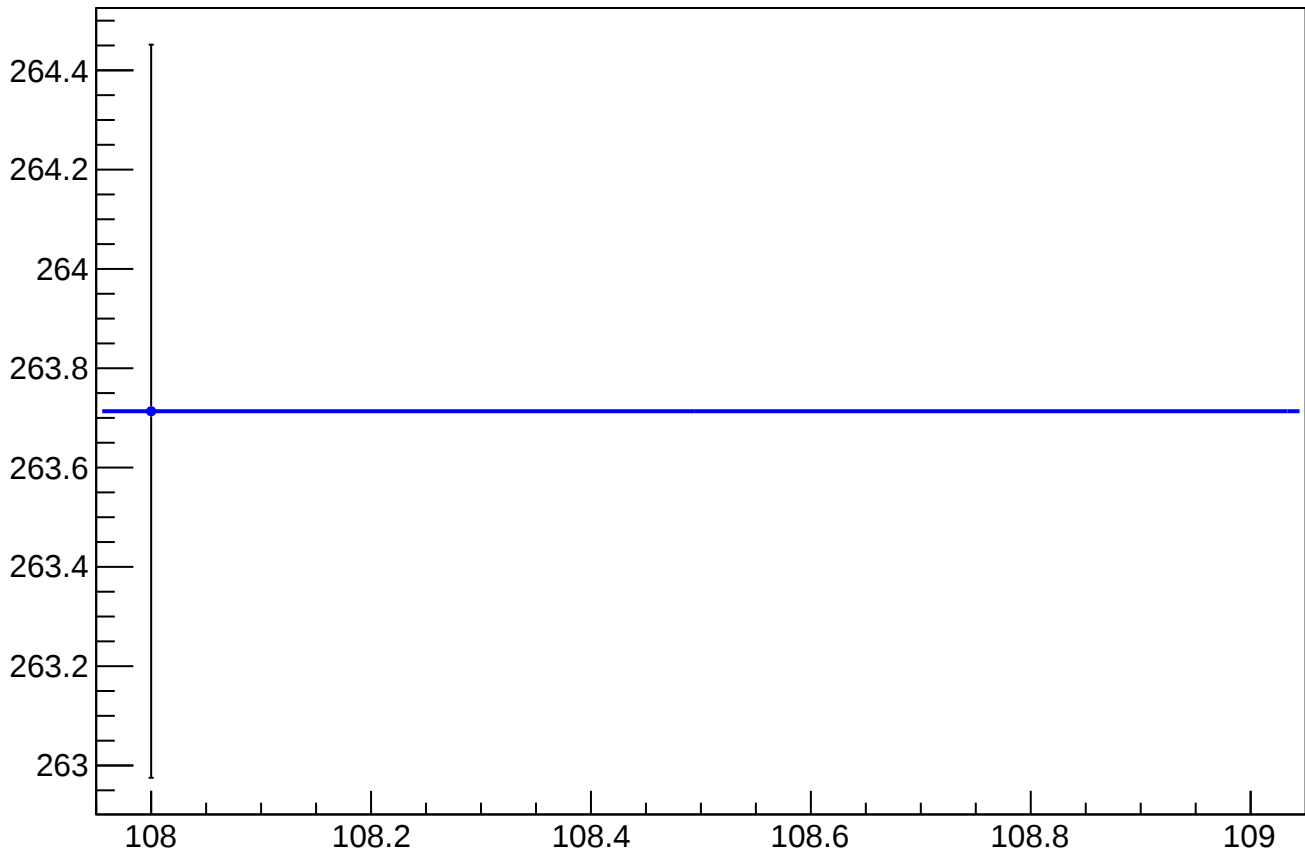
Right: 320.543 $\pm$ 1043.985 χ^2 /NDF: 0.0/0

In: 320.543 $\pm$ 1043.985 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 320.543 $\pm$ 1043.985 χ^2 /NDF: 0.0/0

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 263.713+/-0.738 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

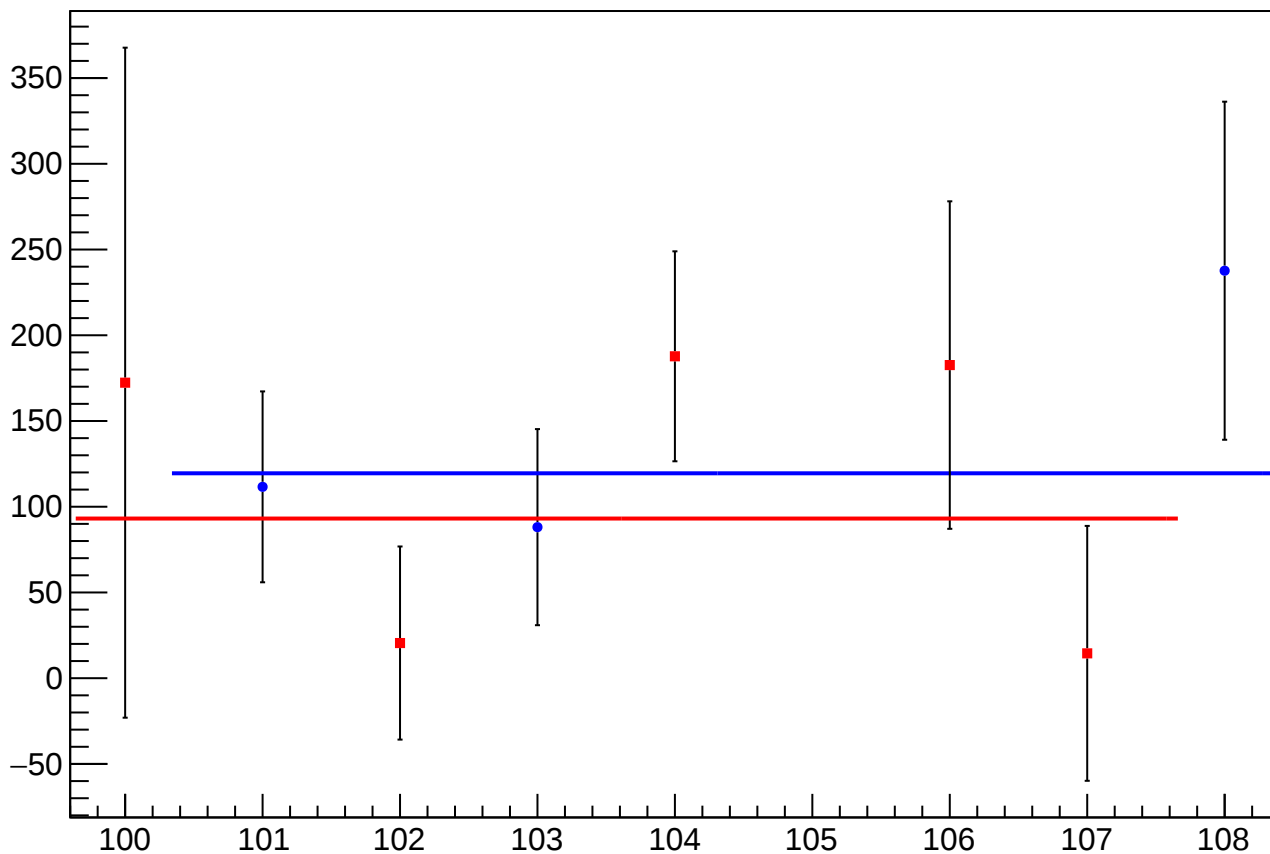
Right: 263.713+/-0.738 χ^2/NDF : 0.0/0

In: 263.713+/-0.738 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 263.713+/-0.738 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 119.502 $\pm$ 36.975 χ^2 /NDF: 1.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 93.112 $\pm$ 33.352 χ^2 /NDF: 6.2/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

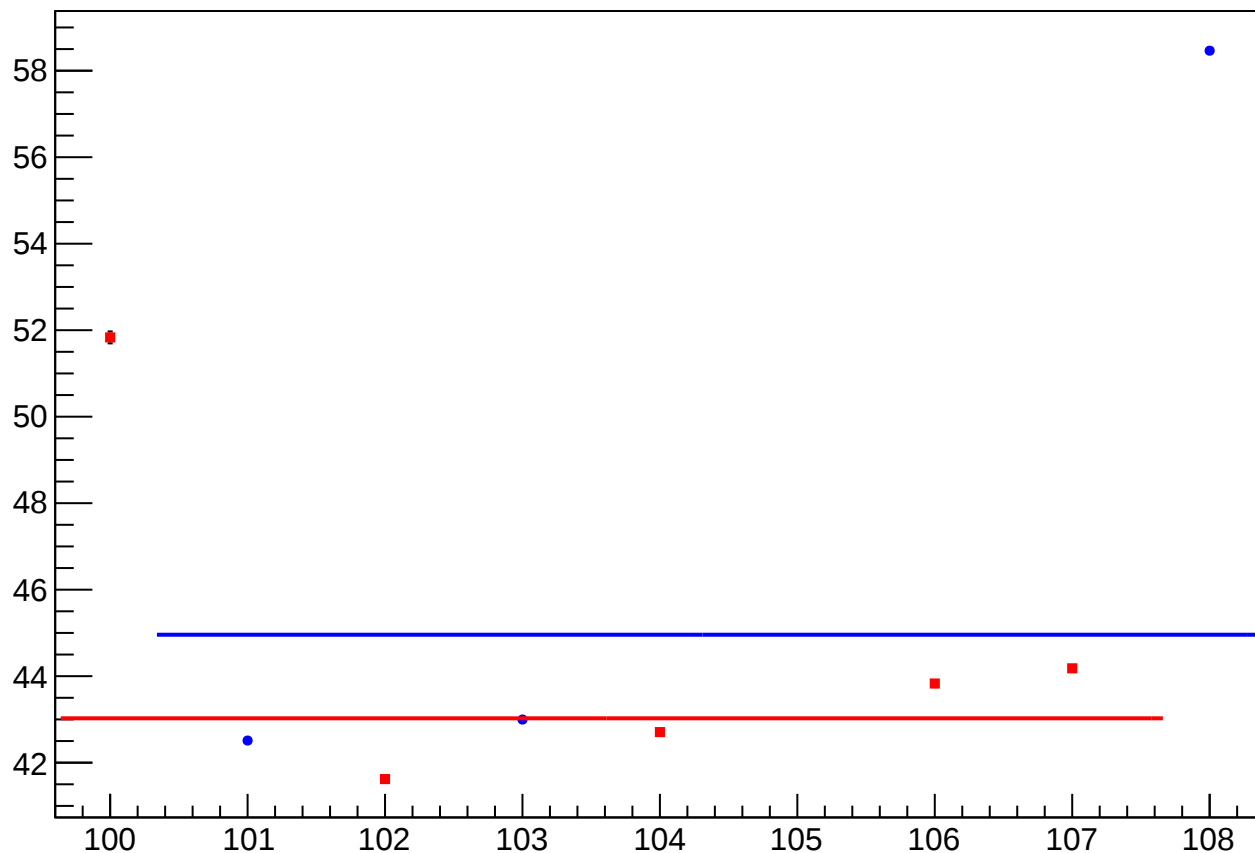
Right: 104.951 $\pm$ 24.766 χ^2 /NDF: 8.3/7

In: 119.502 $\pm$ 36.975 χ^2 /NDF: 1.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 104.951 $\pm$ 24.766 χ^2 /NDF: 8.3/7

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 44.958+/-0.026 χ^2/NDF : 43748.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.026+/-0.024 χ^2/NDF : 5989.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

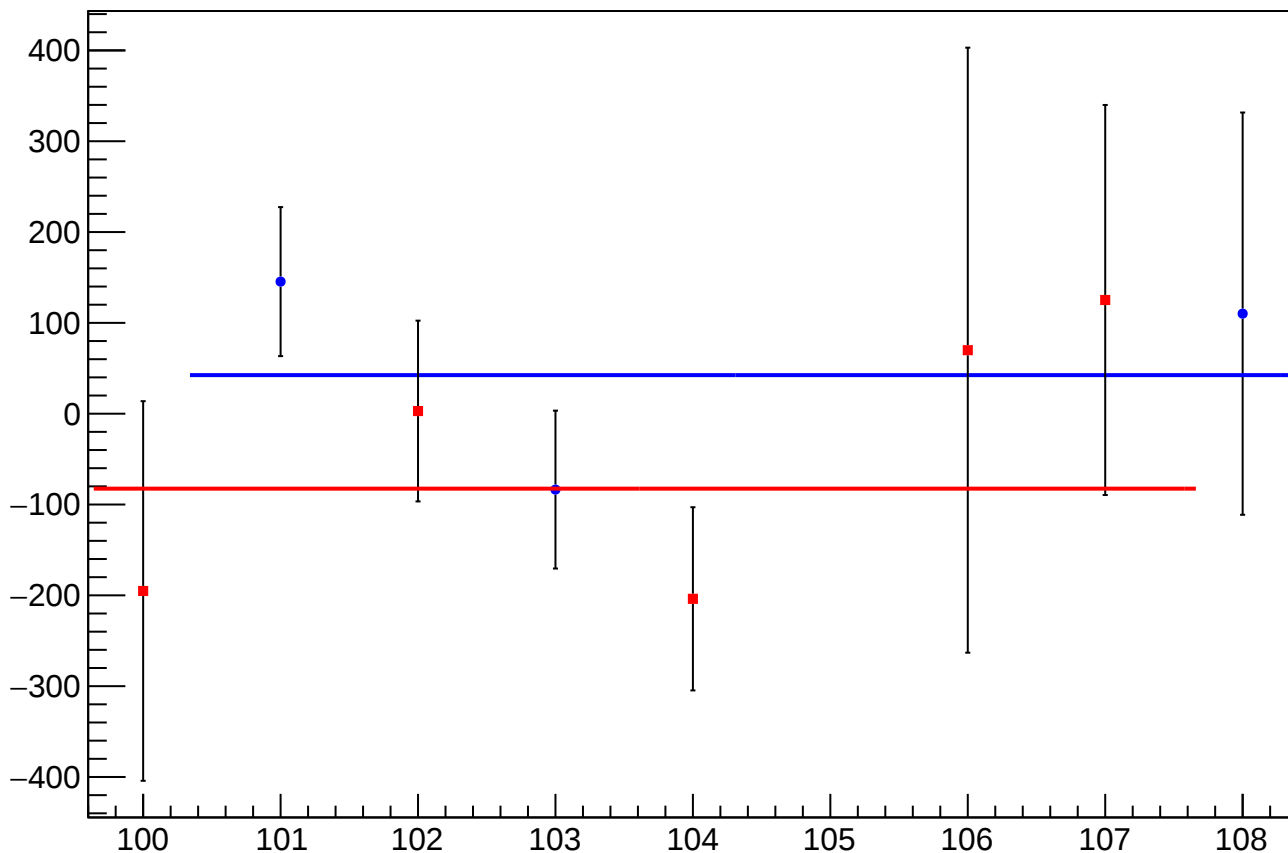
Right: 43.893+/-0.018 χ^2/NDF : 52750.4/7

In: 44.958+/-0.026 χ^2/NDF : 43748.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.893+/-0.018 χ^2/NDF : 52750.4/7

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 42.472 $\pm$ 57.607 χ^2 /NDF: 3.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -82.516 $\pm$ 62.885 χ^2 /NDF: 3.6/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

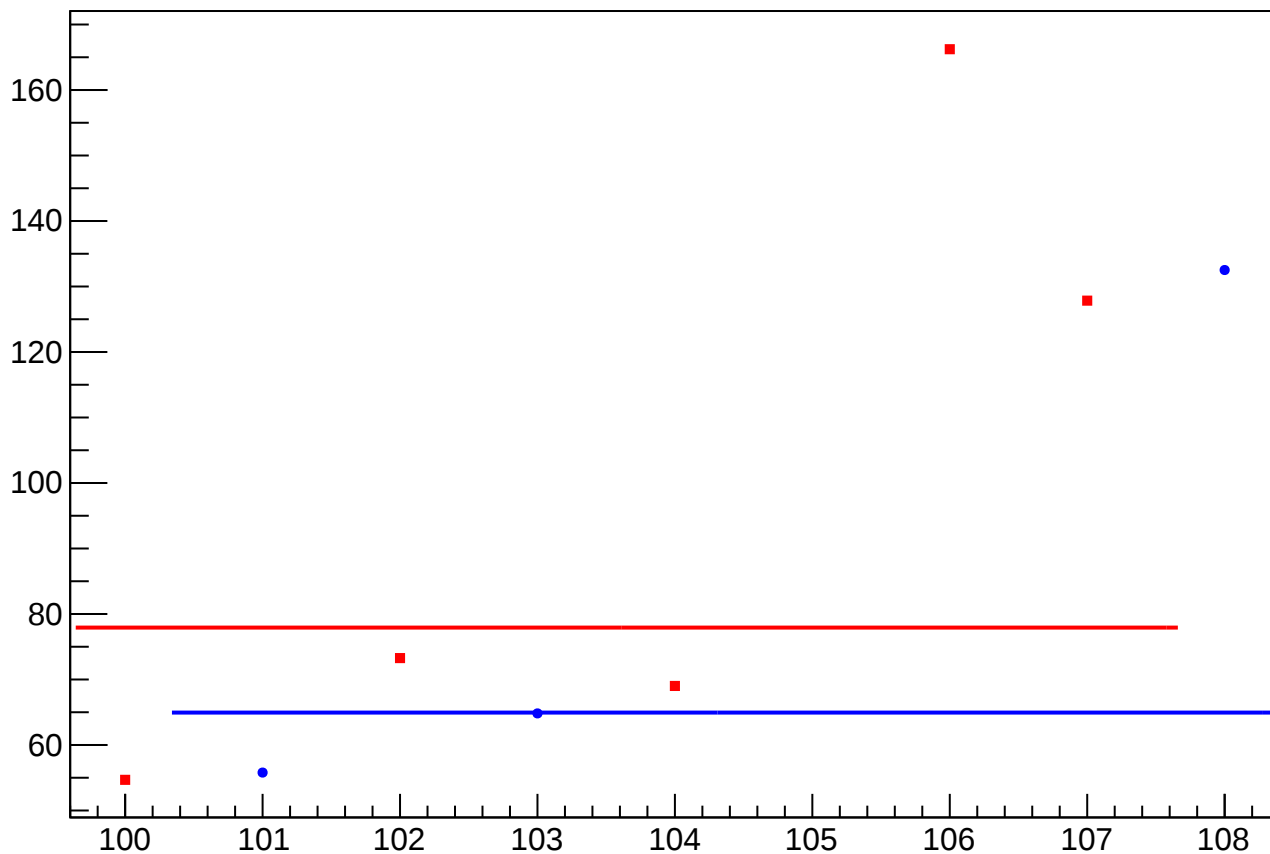
Right: -14.558 $\pm$ 42.478 χ^2 /NDF: 9.5/7

In: 42.472 $\pm$ 57.607 χ^2 /NDF:3.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -14.558 $\pm$ 42.478 χ^2 /NDF: 9.5/7

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 64.949 $\pm$ 0.041 χ^2 /NDF: 211120.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 77.925 $\pm$ 0.044 χ^2 /NDF: 293369.4/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

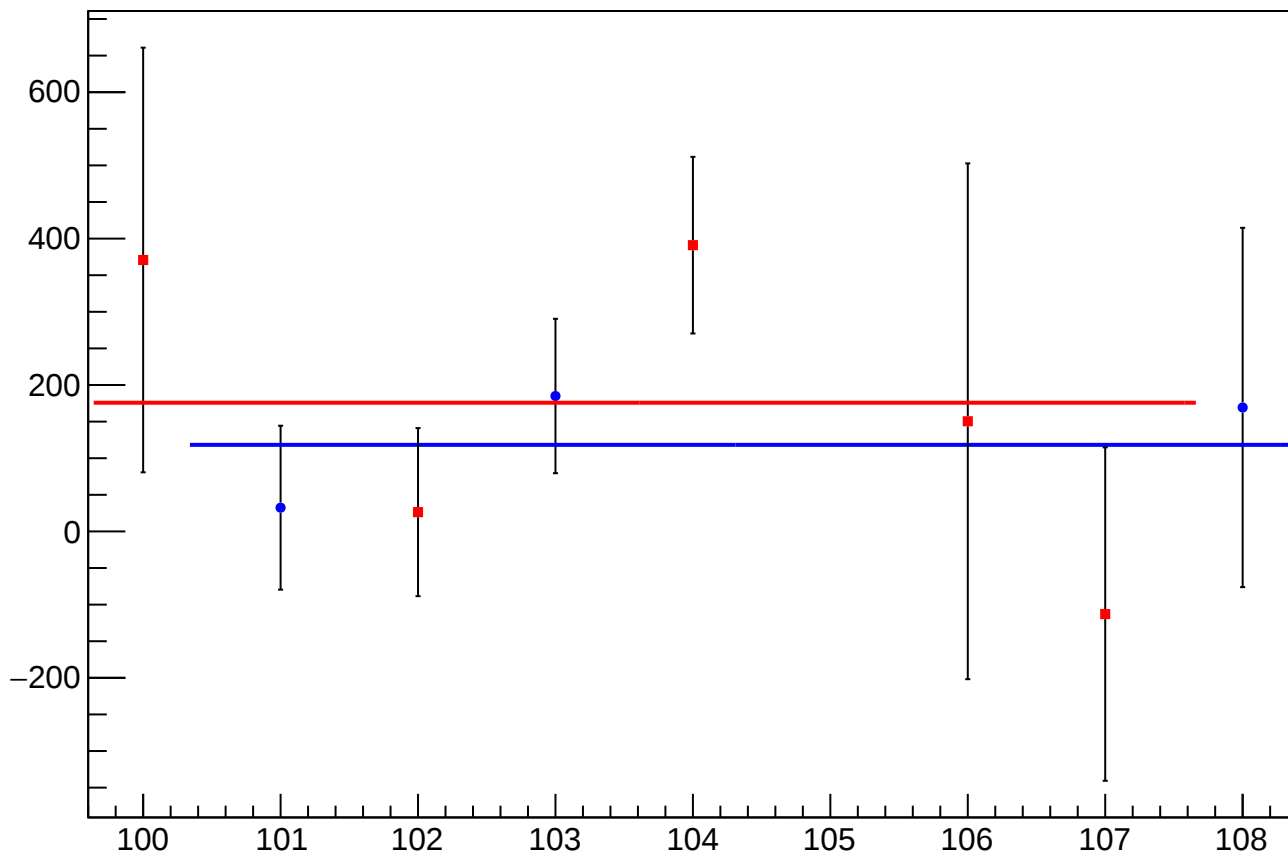
Right: 70.870 $\pm$ 0.030 χ^2 /NDF: 550795.3/7

In: 64.949 $\pm$ 0.041 χ^2 /NDF:211120.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 70.870 $\pm$ 0.030 χ^2 /NDF: 550795.3/7

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 118.262 $\pm$ 73.270 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 175.800 $\pm$ 73.753 χ^2 /NDF: 6.9/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

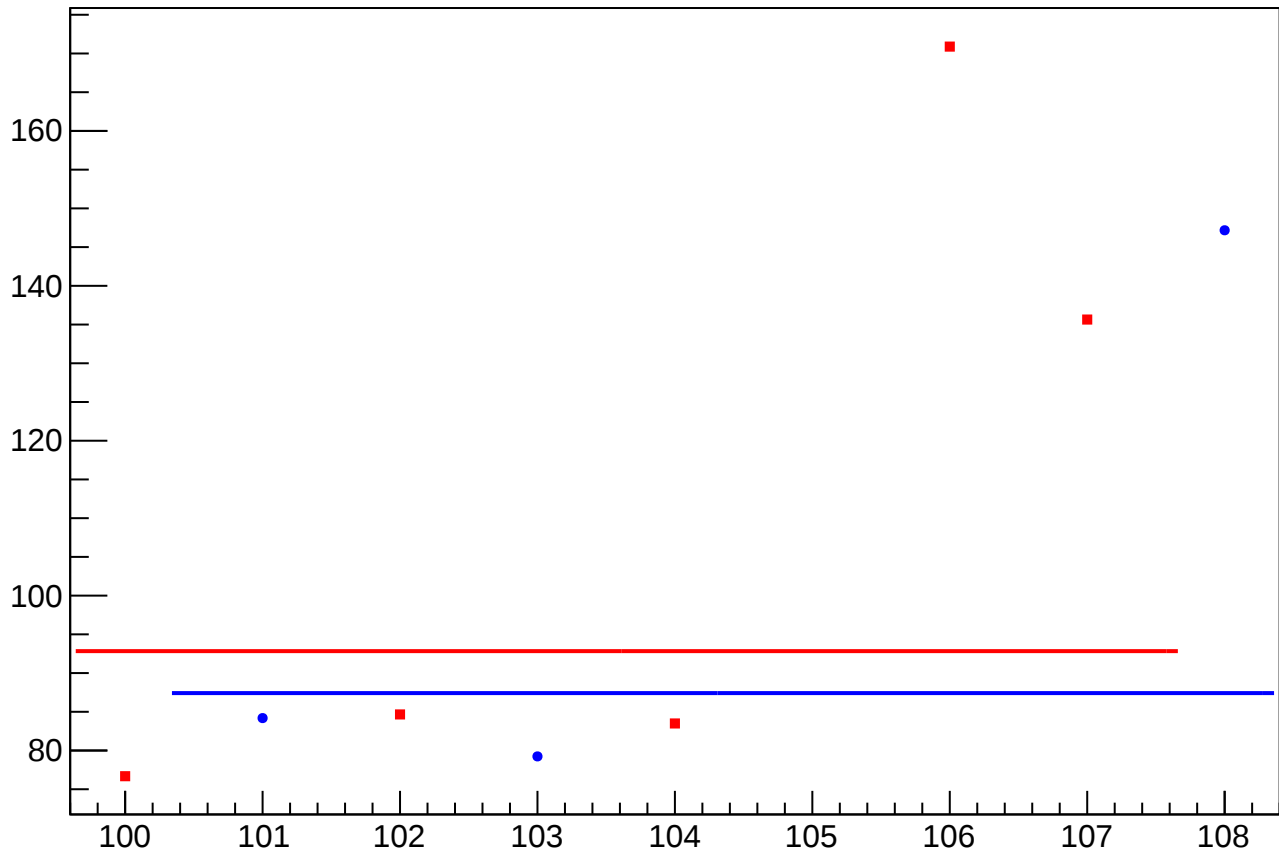
Right: 146.842 $\pm$ 51.980 χ^2 /NDF: 8.3/7

In: 118.262 $\pm$ 73.270 χ^2 /NDF: 1.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 146.842 $\pm$ 51.980 χ^2 /NDF: 8.3/7

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 87.414 $\pm$ 0.052 χ^2 /NDF: 132279.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 92.832 $\pm$ 0.052 χ^2 /NDF: 197177.3/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

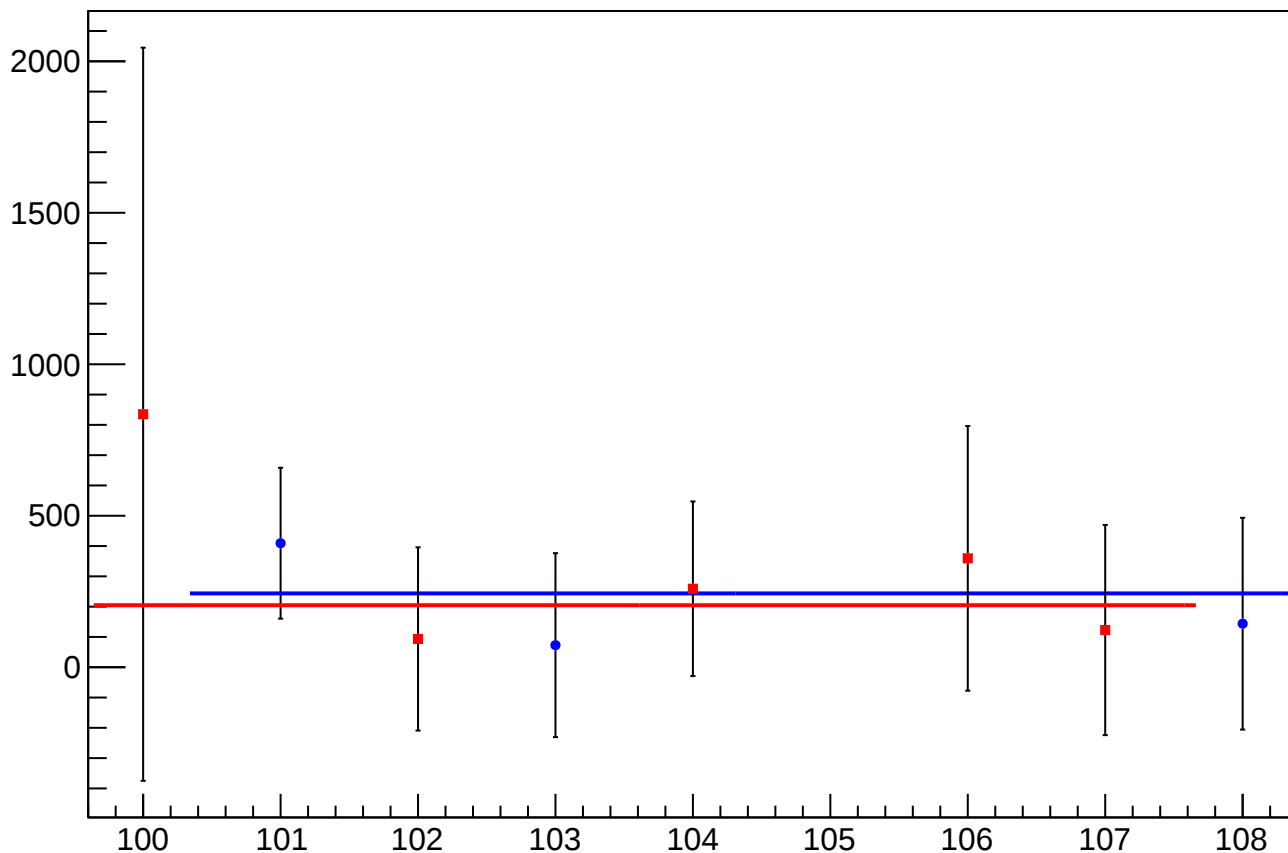
Right: 90.105 $\pm$ 0.037 χ^2 /NDF: 334890.0/7

In: 87.414 $\pm$ 0.052 χ^2 /NDF:132279.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 90.105 $\pm$ 0.037 χ^2 /NDF: 334890.0/7

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 243.692 $\pm$ 168.643 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 204.654 $\pm$ 163.936 χ^2 /NDF: 0.6/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

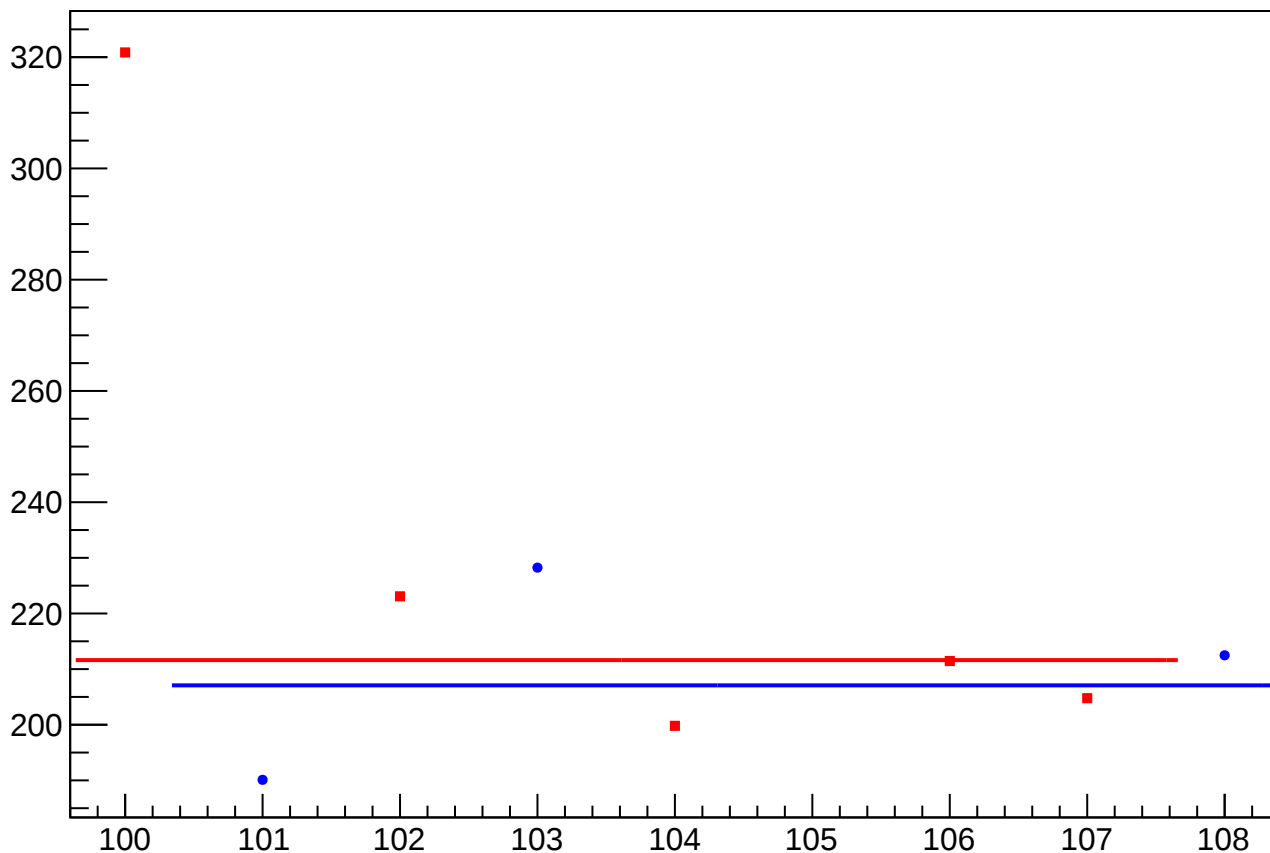
Right: 223.621 $\pm$ 117.549 χ^2 /NDF: 1.5/7

In: 243.692 $\pm$ 168.643 χ^2 /NDF:0.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 223.621 $\pm$ 117.549 χ^2 /NDF: 1.5/7

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 207.079+/-0.119 χ^2/NDF : 19490.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 211.617+/-0.116 χ^2/NDF : 23315.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

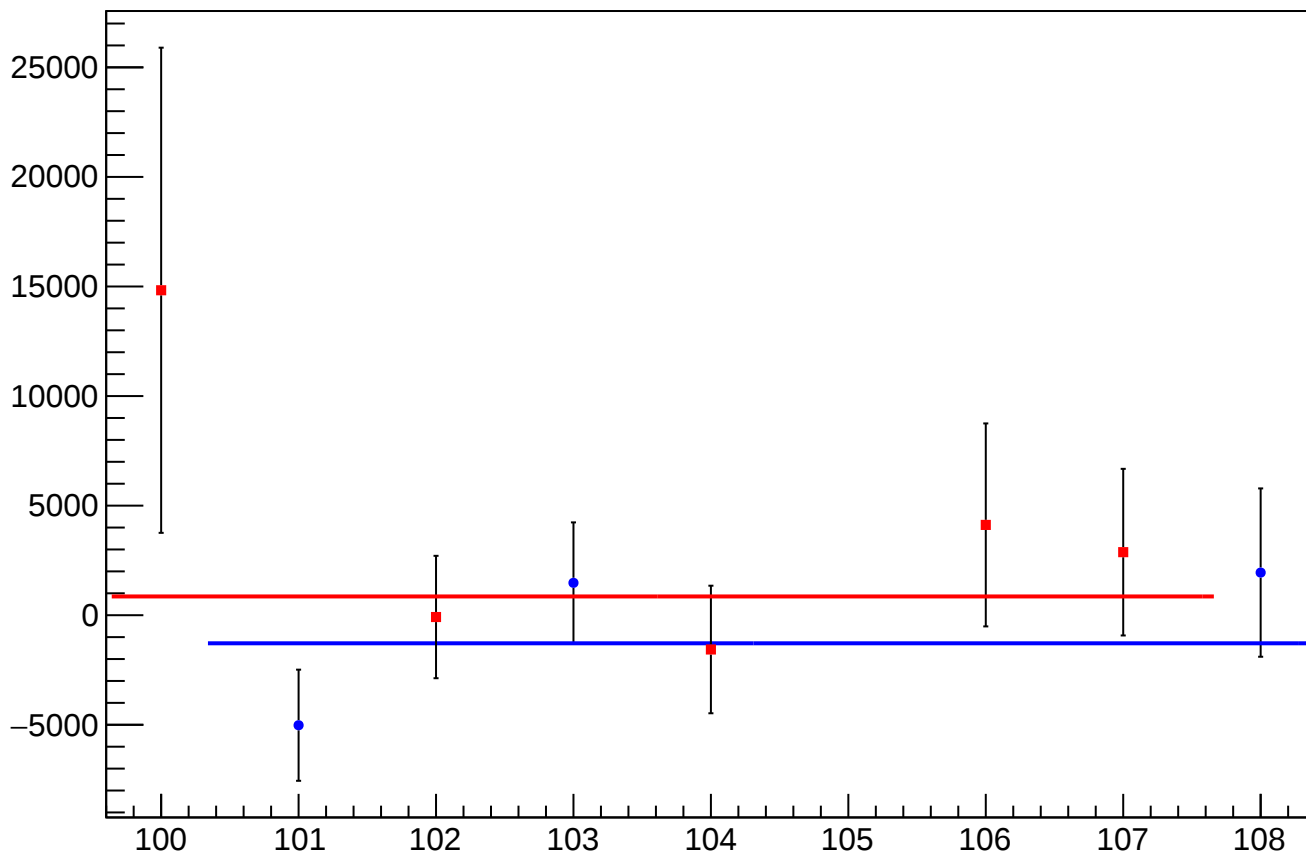
Right: 209.413+/-0.083 χ^2/NDF : 43550.8/7

In: 207.079+/-0.119 χ^2/NDF : 19490.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 209.413+/-0.083 χ^2/NDF : 43550.8/7

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -1281.723+/-1678.966 χ^2/NDF : 3.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 856.086+/-1643.396 χ^2/NDF : 3.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

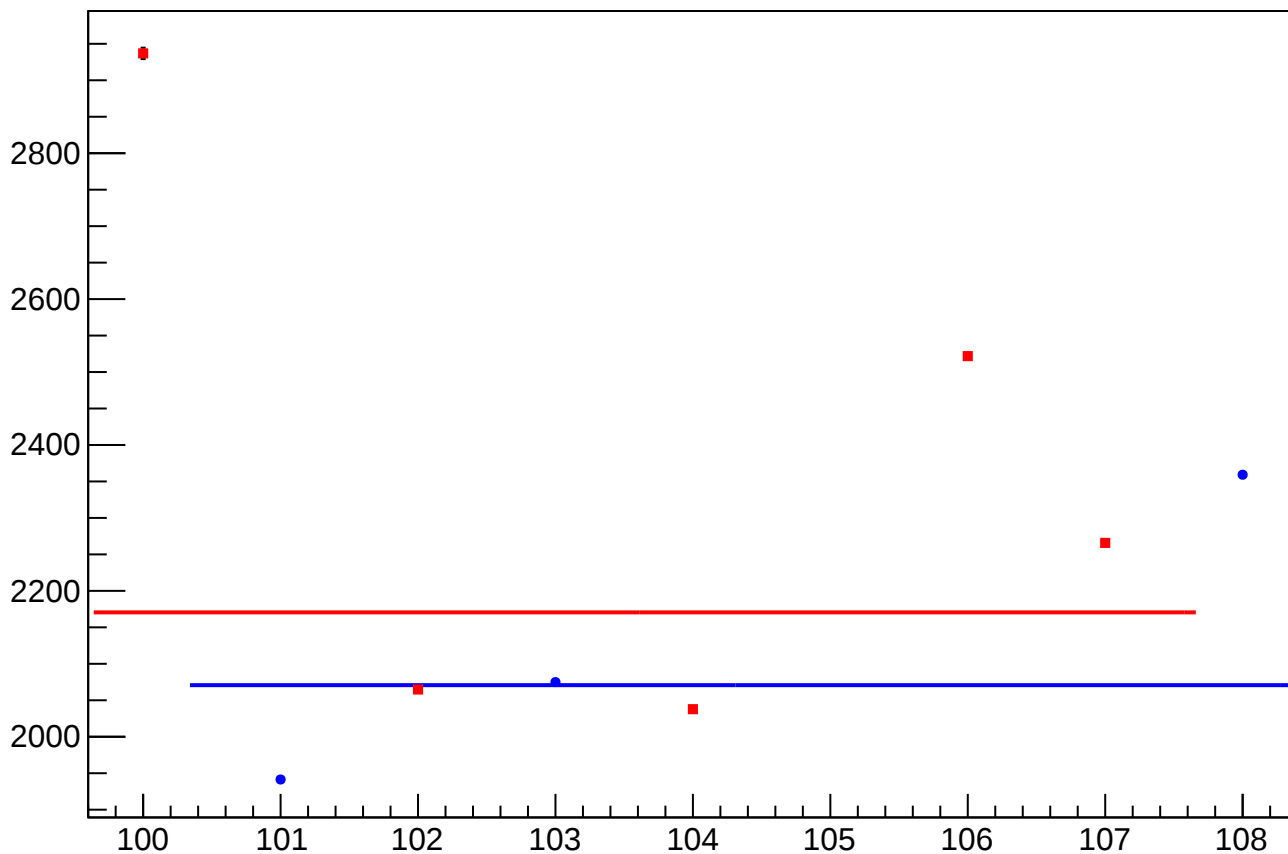
Right: -189.933+/-1174.430 χ^2/NDF : 7.9/7

In: -1281.723+/-1678.966 χ^2/NDF : 3.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -189.933+/-1174.430 χ^2/NDF : 7.9/7

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 2070.713+/-1.187 χ^2/NDF : 16490.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2170.511+/-1.162 χ^2/NDF : 29375.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

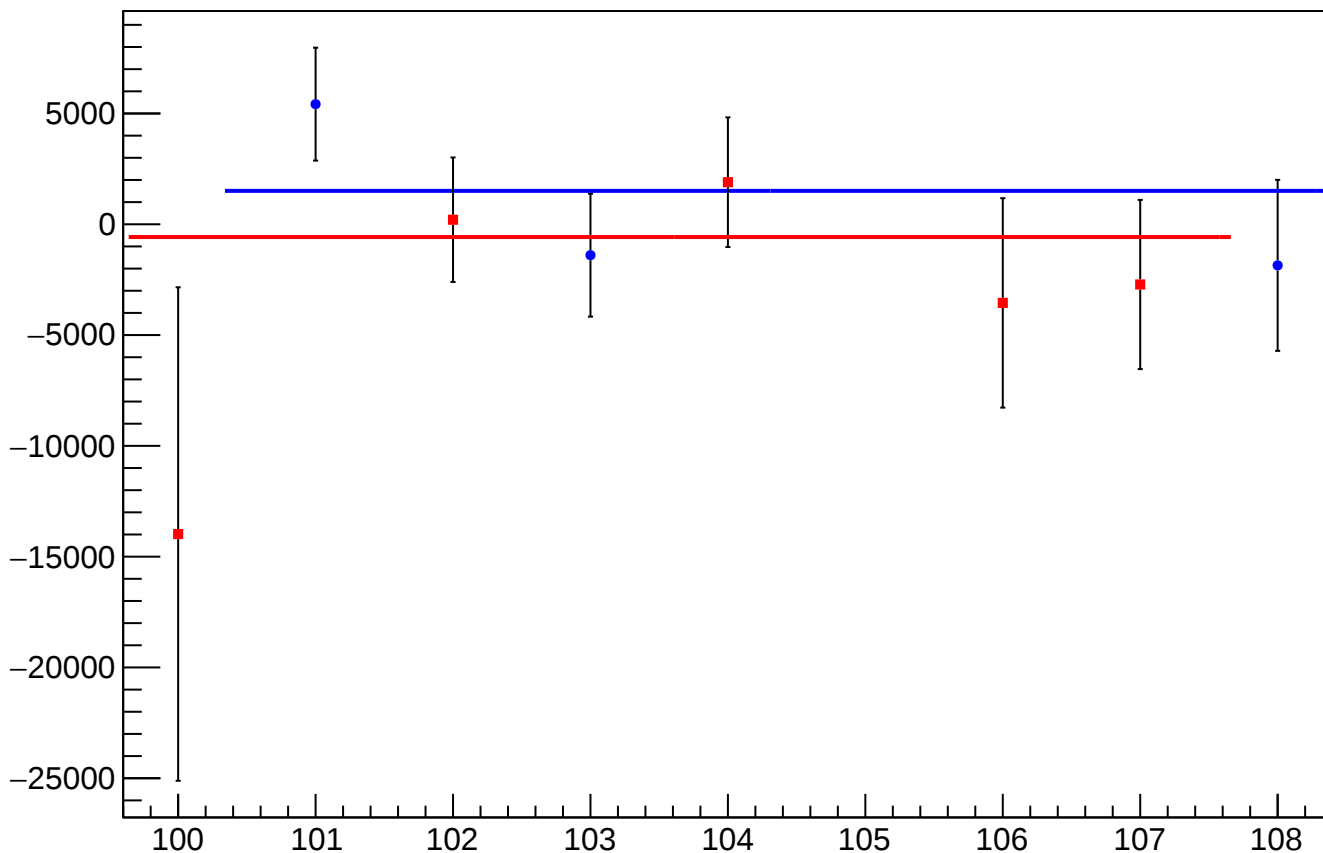
Right: 2121.680+/-0.830 χ^2/NDF : 49474.3/7

In: 2070.713+/-1.187 χ^2/NDF : 16490.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2121.680+/-0.830 χ^2/NDF : 49474.3/7

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1508.234+/-1687.844 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -575.227+/-1655.245 χ^2/NDF : 3.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

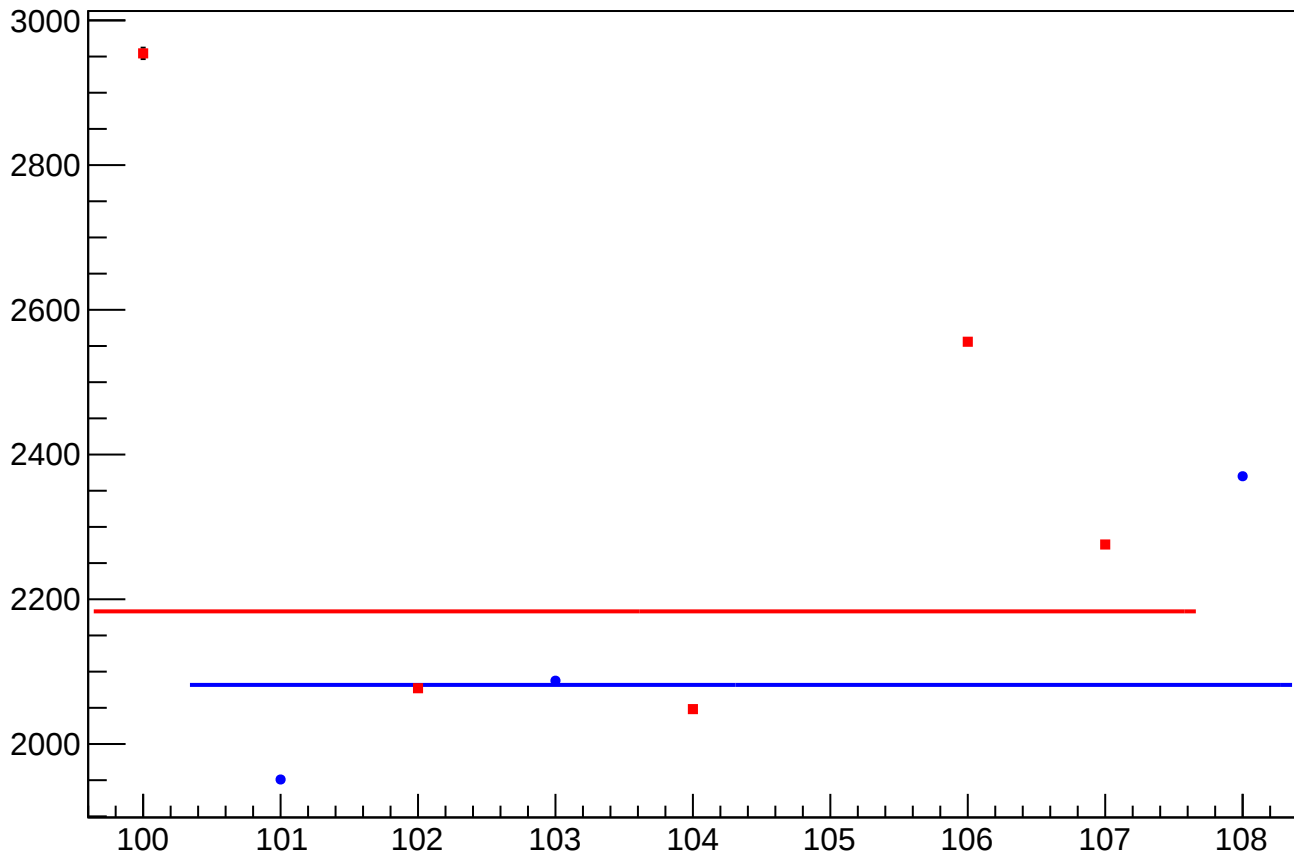
Right: 446.189+/-1181.792 χ^2/NDF : 7.9/7

In: 1508.234+/-1687.844 χ^2/NDF : 4.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 446.189+/-1181.792 χ^2/NDF : 7.9/7

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 2081.674+/-1.193 χ^2/NDF : 16442.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2183.283+/-1.170 χ^2/NDF : 30314.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

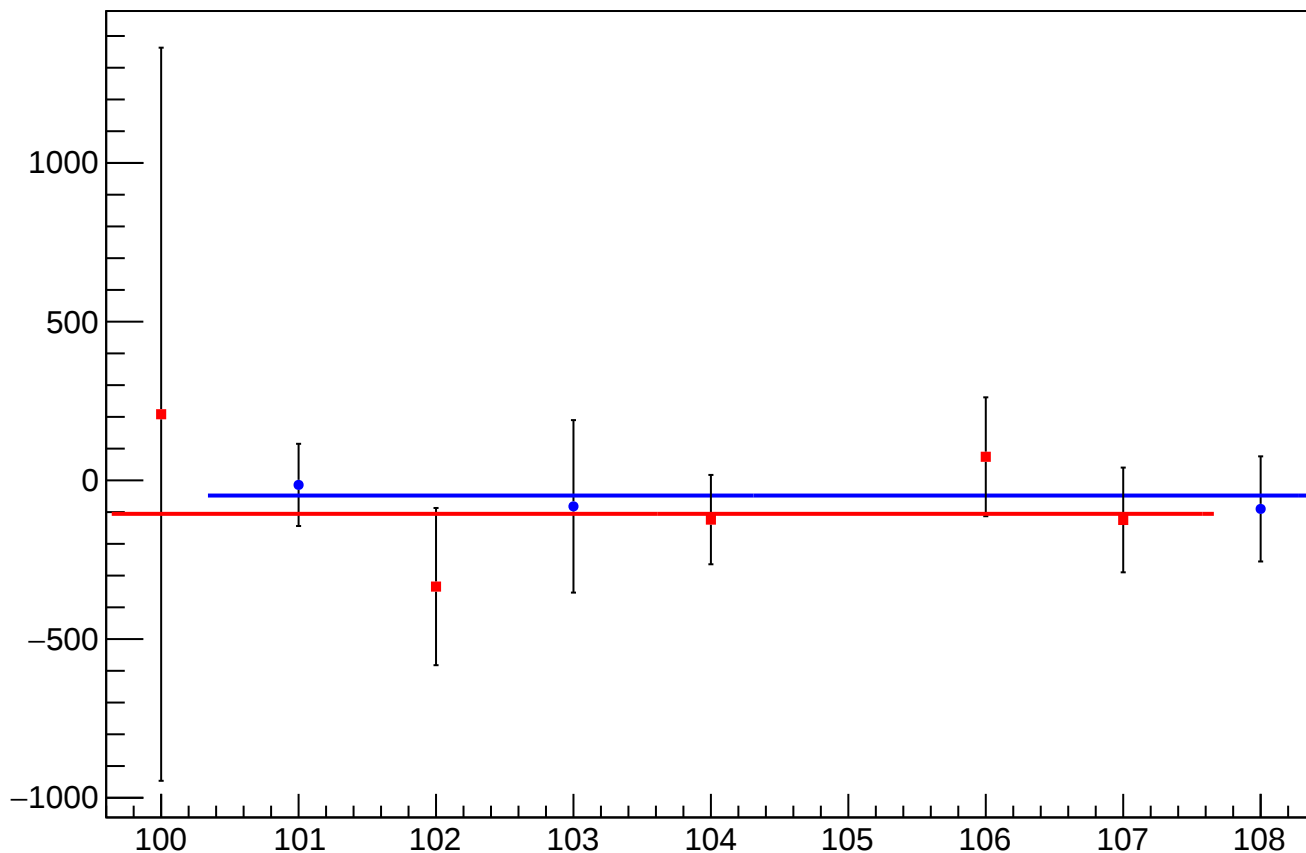
Right: 2133.469+/-0.836 χ^2/NDF : 50450.9/7

In: 2081.674+/-1.193 χ^2/NDF : 16442.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2133.469+/-0.836 χ^2/NDF : 50450.9/7

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -47.818 $\pm$ 95.500 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -105.463 $\pm$ 86.776 χ^2 /NDF: 1.9/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

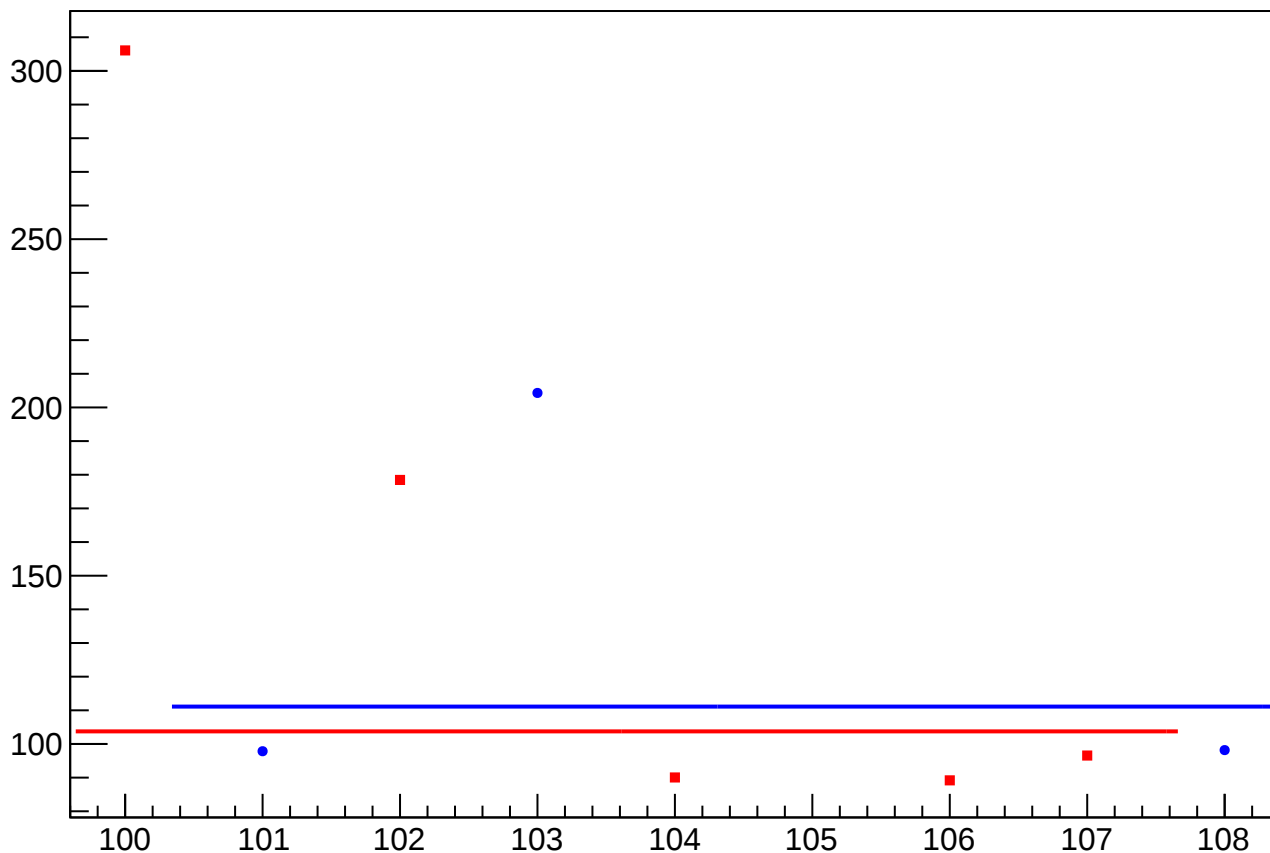
Right: -79.394 $\pm$ 64.223 χ^2 /NDF: 2.2/7

In: -47.818 $\pm$ 95.500 χ^2 /NDF:0.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -79.394 $\pm$ 64.223 χ^2 /NDF: 2.2/7

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 111.107+/-0.068 χ^2/NDF : 268512.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.740+/-0.061 χ^2/NDF : 278268.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

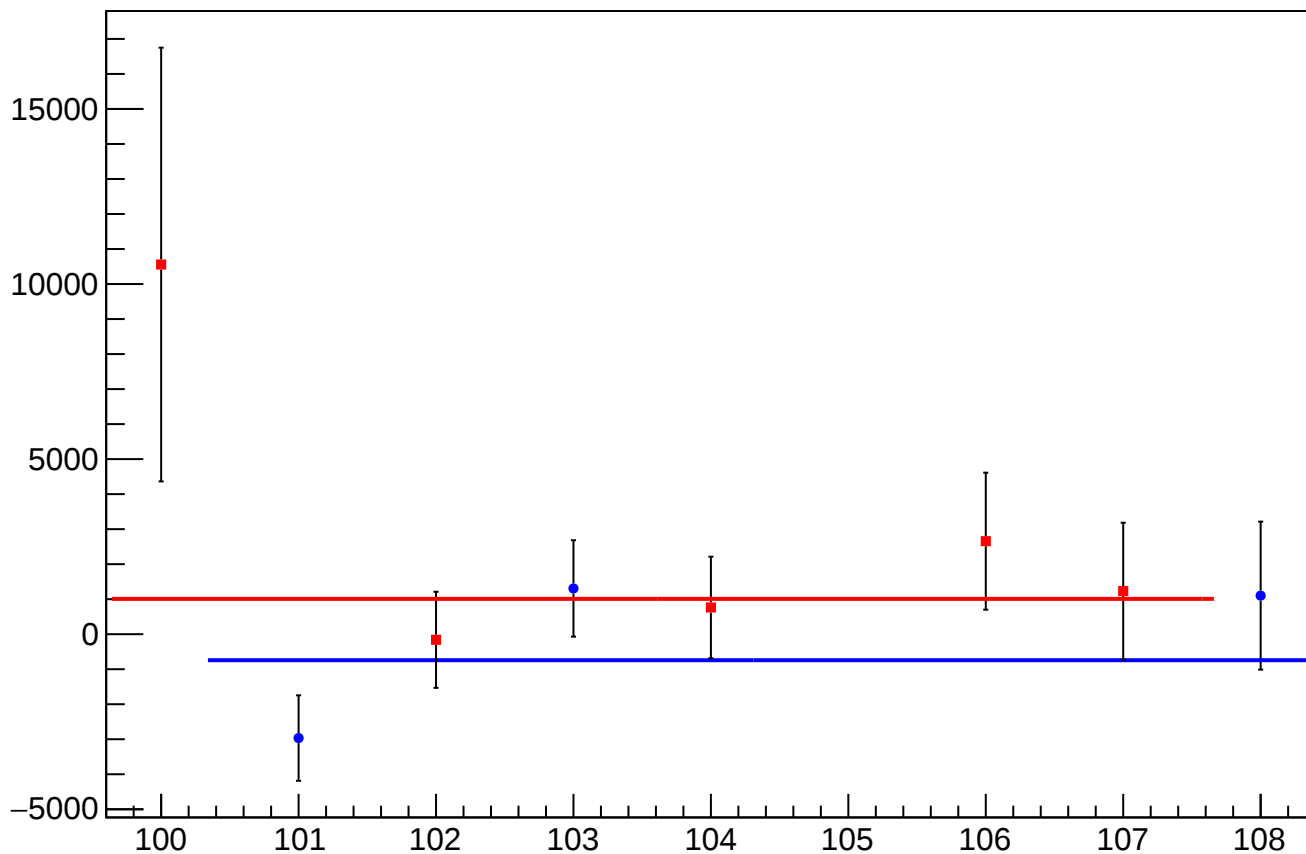
Right: 107.072+/-0.045 χ^2/NDF : 553301.2/7

In: 111.107+/-0.068 χ^2/NDF : 268512.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.072+/-0.045 χ^2/NDF : 553301.2/7

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -742.952+/-838.314 χ^2/NDF : 6.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1008.818+/-801.488 χ^2/NDF : 3.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

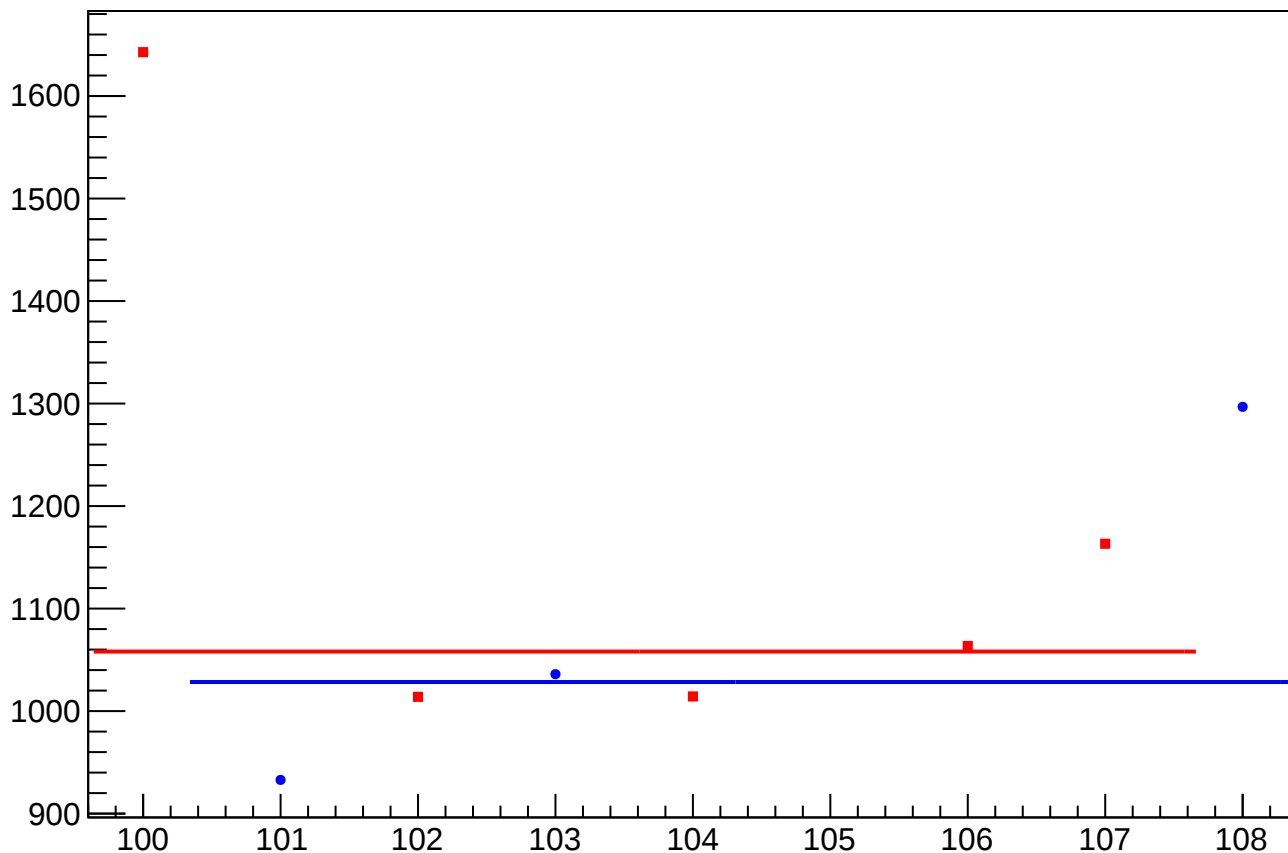
Right: 172.254+/-579.319 χ^2/NDF : 12.4/7

In: -742.952+/-838.314 χ^2/NDF : 6.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.254+/-579.319 χ^2/NDF : 12.4/7

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 1028.363+/-0.593 χ^2/NDF : 44587.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1058.071+/-0.567 χ^2/NDF : 27541.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

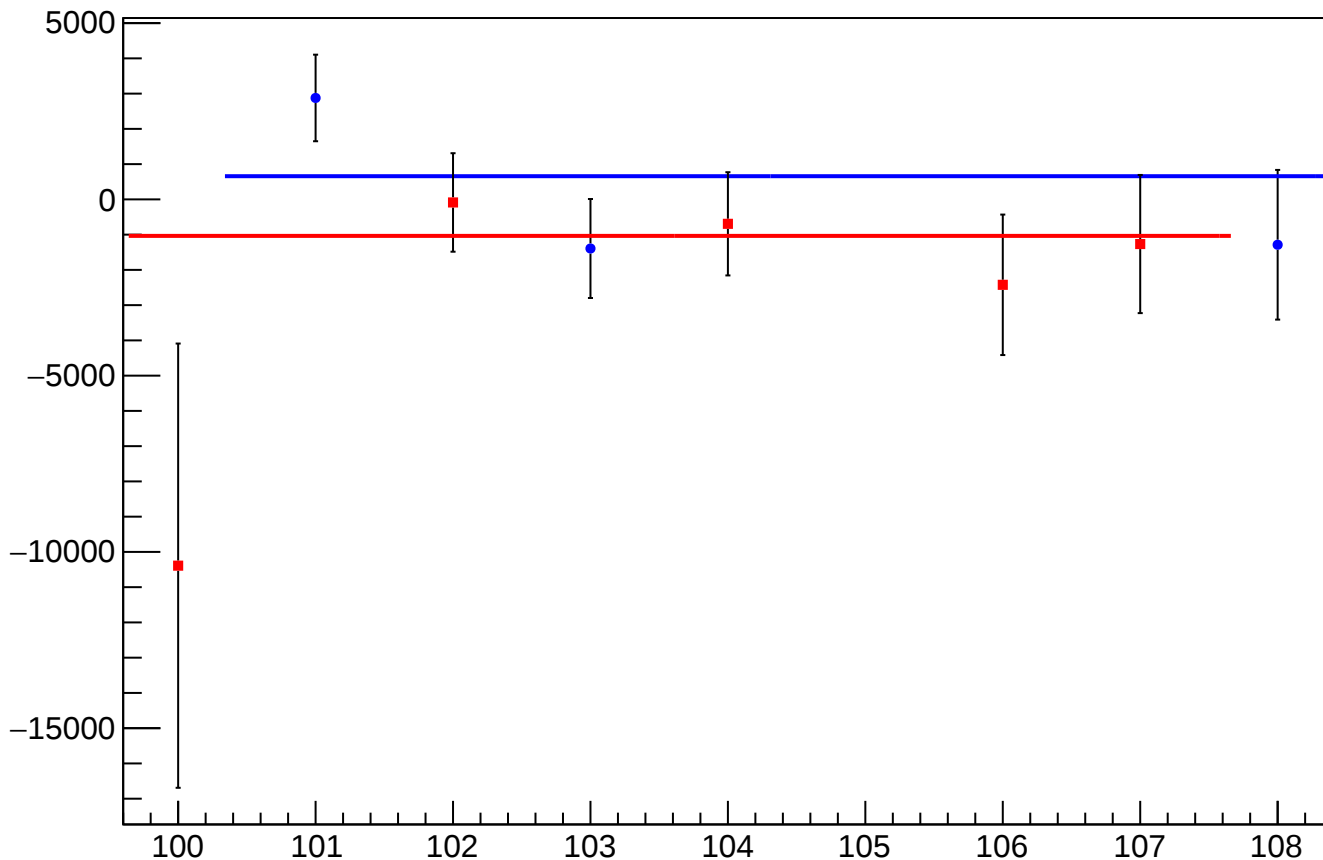
Right: 1043.884+/-0.410 χ^2/NDF : 73442.1/7

In: 1028.363+/-0.593 χ^2/NDF : 44587.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1043.884+/-0.410 χ^2/NDF : 73442.1/7

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 657.601+/-847.402 χ^2/NDF : 6.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1035.476+/-812.062 χ^2/NDF : 3.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

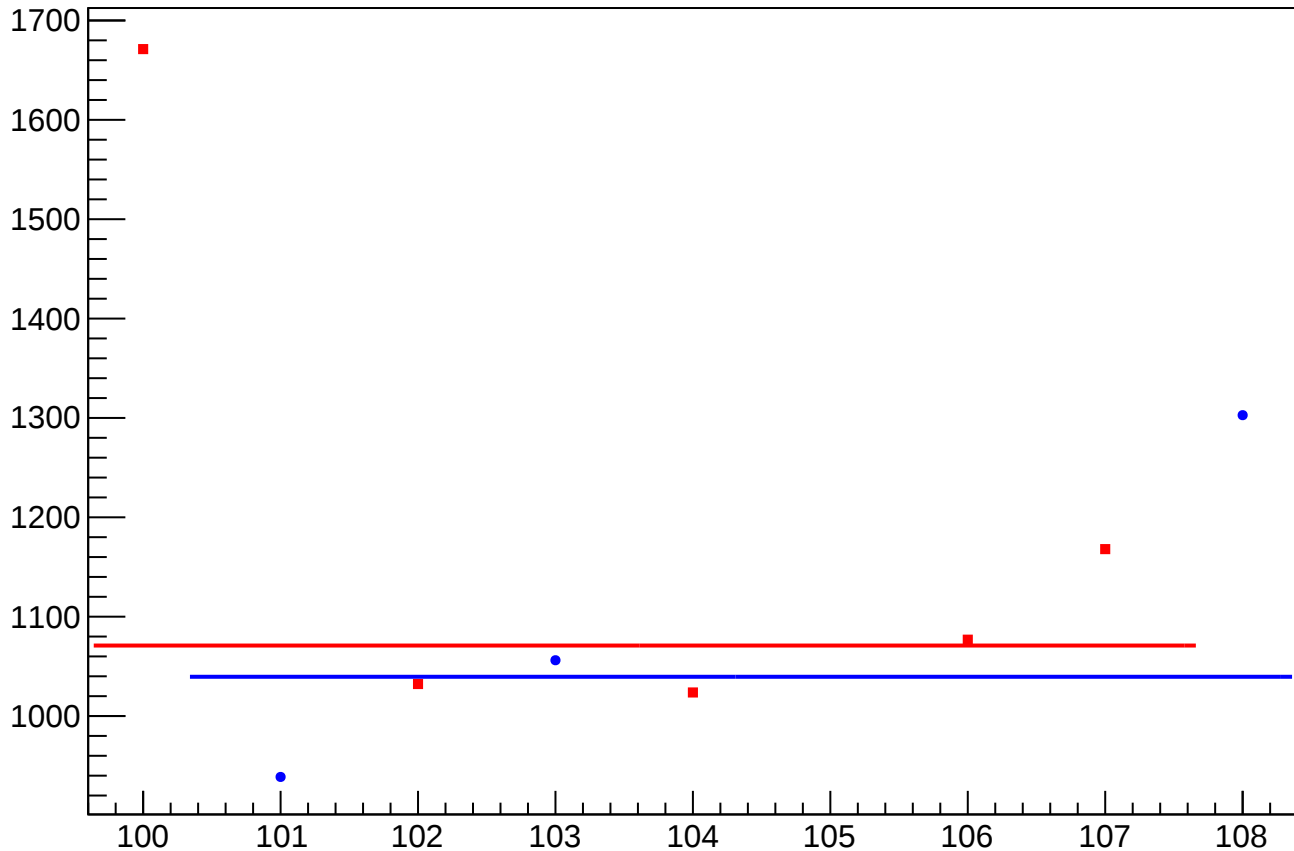
Right: -224.977+/-586.310 χ^2/NDF : 11.5/7

In: 657.601+/-847.402 χ^2/NDF : 6.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -224.977+/-586.310 χ^2/NDF : 11.5/7

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 1039.521+/-0.599 χ^2/NDF : 44521.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1070.951+/-0.574 χ^2/NDF : 26691.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

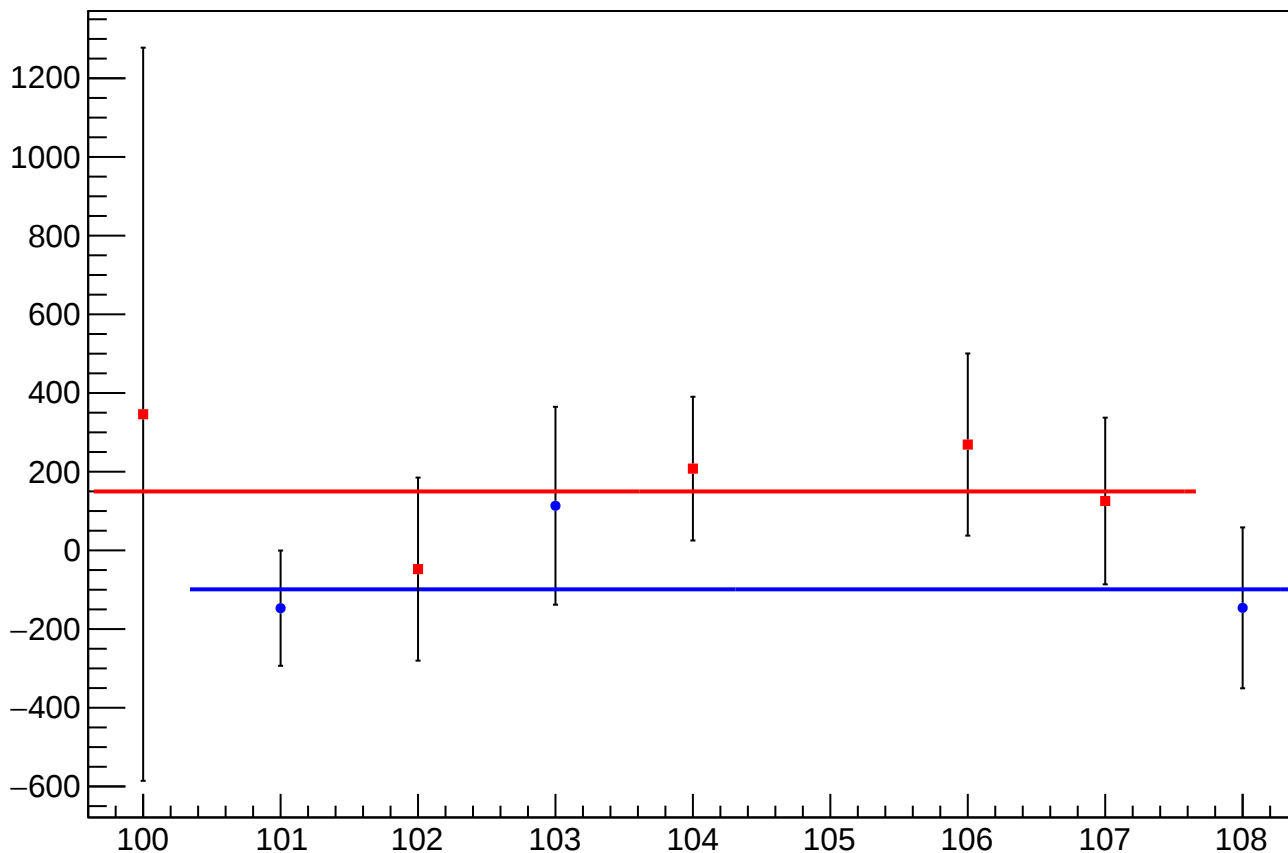
Right: 1055.905+/-0.415 χ^2/NDF : 72646.4/7

In: 1039.521+/-0.599 χ^2/NDF : 44521.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1055.905+/-0.415 χ^2/NDF : 72646.4/7

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -99.002 $\pm$ 107.636 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 149.796 $\pm$ 105.100 χ^2 /NDF: 1.1/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

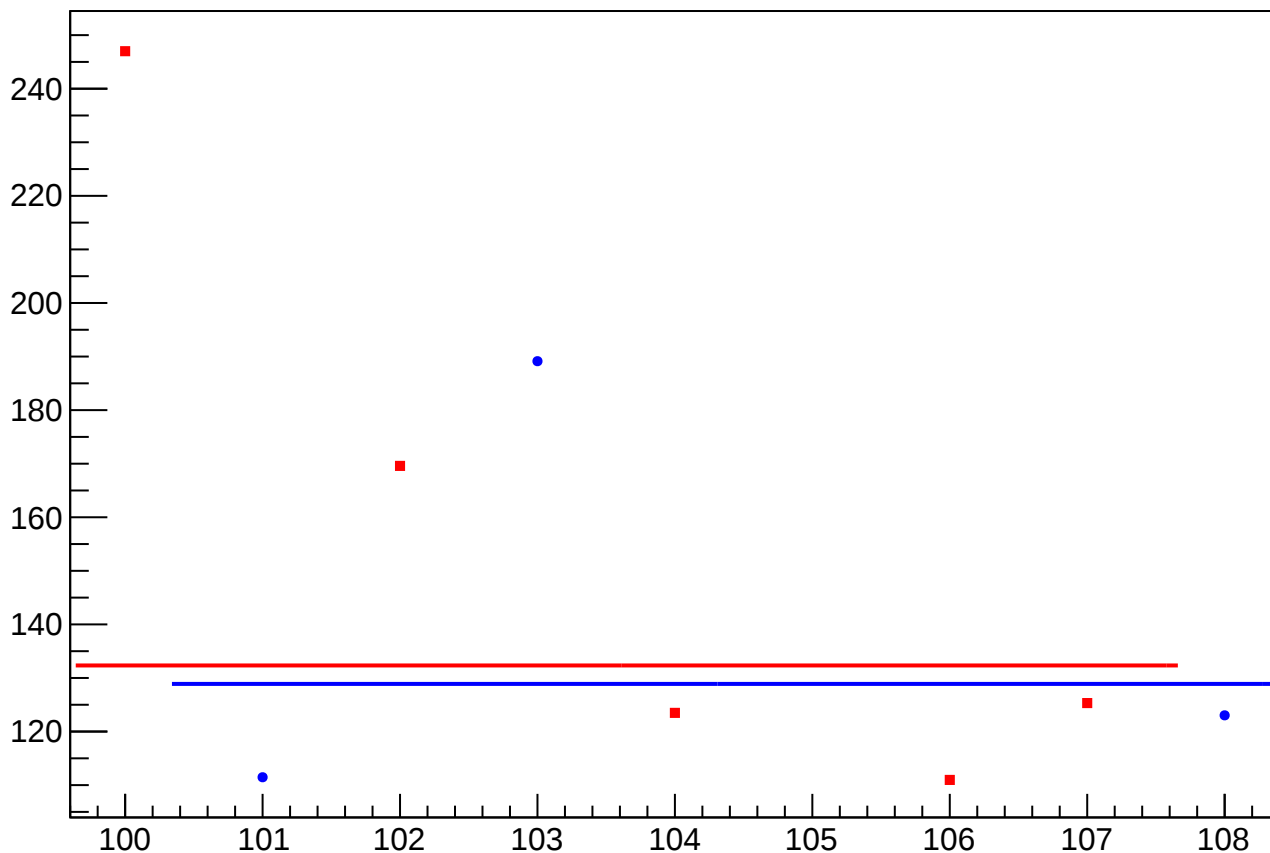
Right: 28.362 $\pm$ 75.198 χ^2 /NDF: 4.8/7

In: -99.002 $\pm$ 107.636 χ^2 /NDF:0.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 28.362 $\pm$ 75.198 χ^2 /NDF: 4.8/7

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 128.892 $\pm$ 0.076 χ^2 /NDF: 144663.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 132.336 $\pm$ 0.074 χ^2 /NDF: 105492.5/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

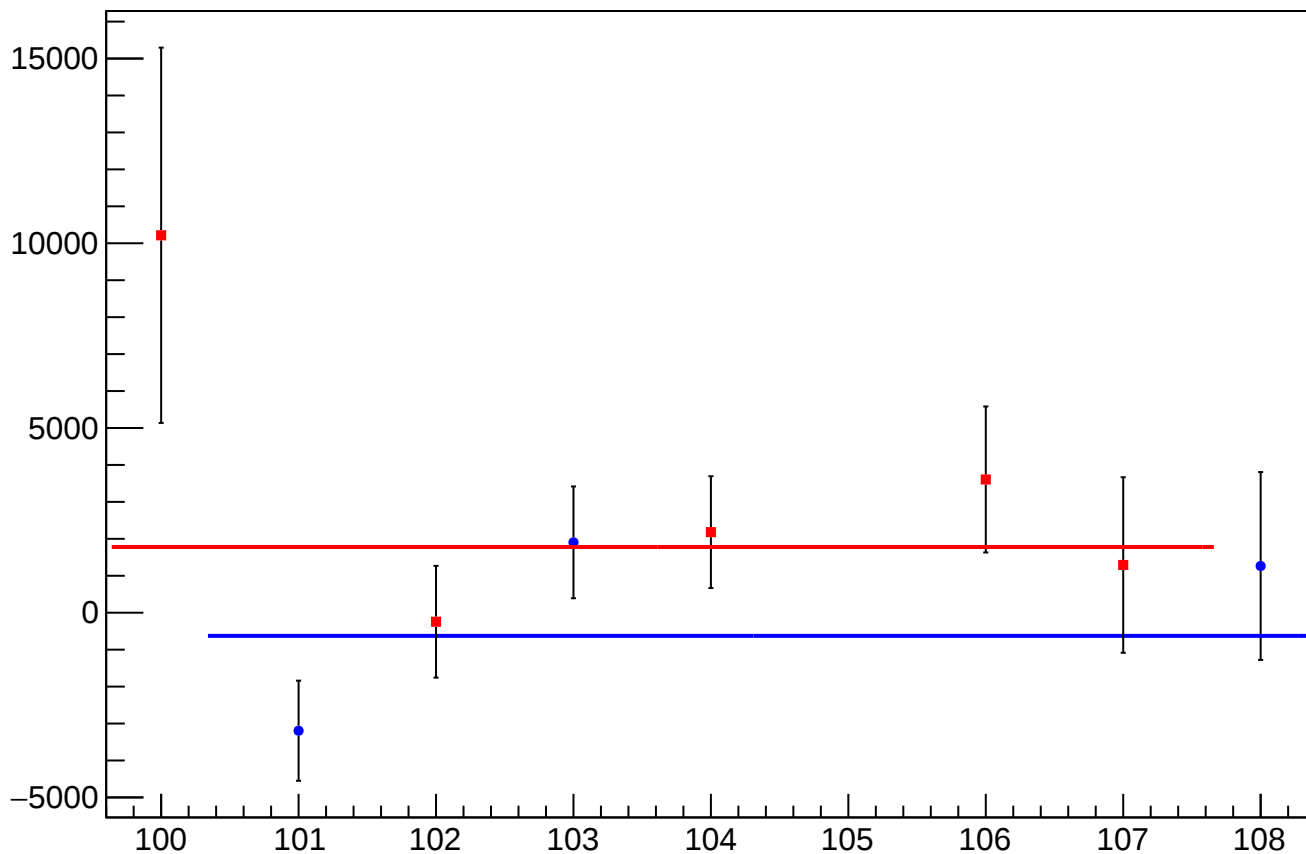
Right: 130.655 $\pm$ 0.053 χ^2 /NDF: 251204.5/7

In: 128.892 $\pm$ 0.076 χ^2 /NDF:144663.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 130.655 $\pm$ 0.053 χ^2 /NDF: 251204.5/7

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -626.637+/-938.242 χ^2/NDF : 6.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1779.023+/-862.114 χ^2/NDF : 5.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

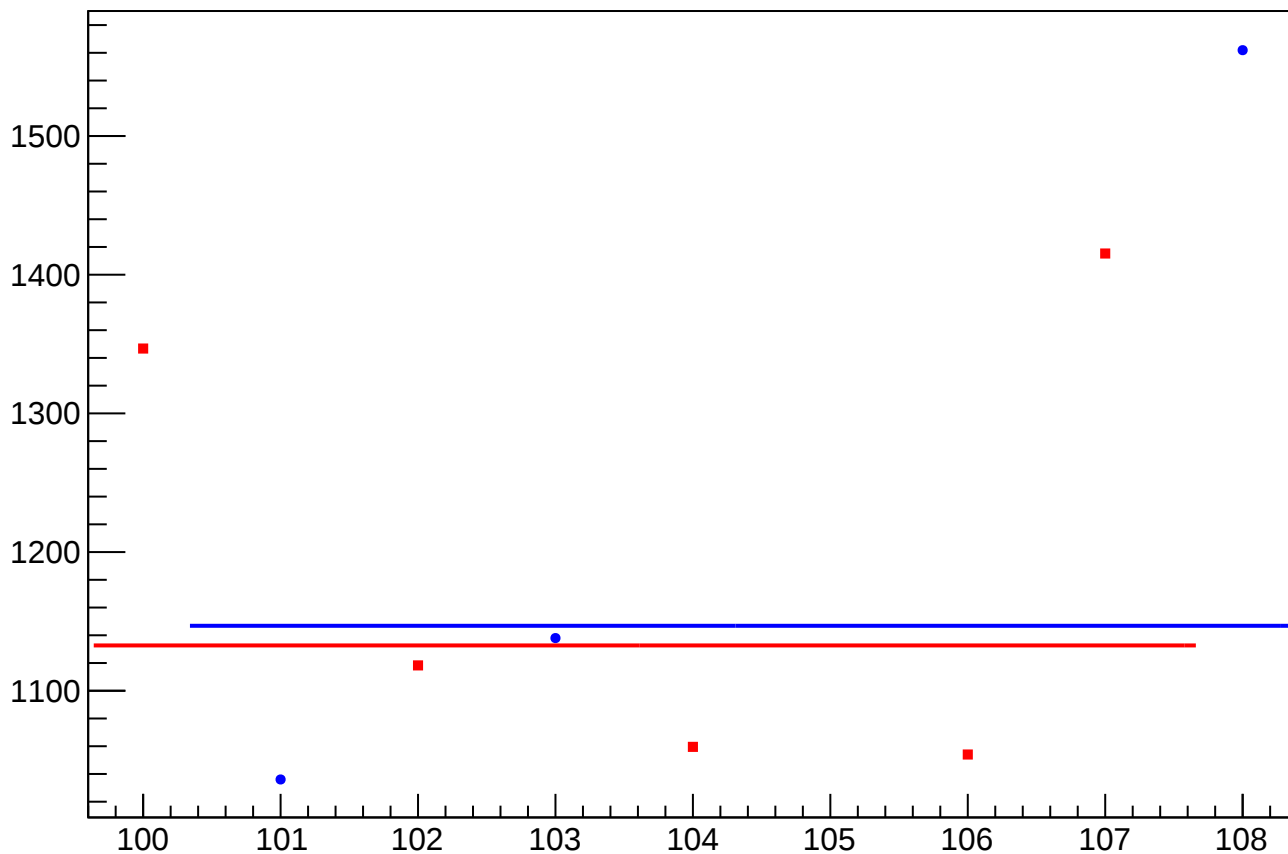
Right: 677.735+/-634.816 χ^2/NDF : 16.0/7

In: -626.637+/-938.242 χ^2/NDF : 6.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 677.735+/-634.816 χ^2/NDF : 16.0/7

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1146.842 $\pm$ 0.663 χ^2 /NDF: 66731.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1132.678 $\pm$ 0.610 χ^2 /NDF: 39865.3/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

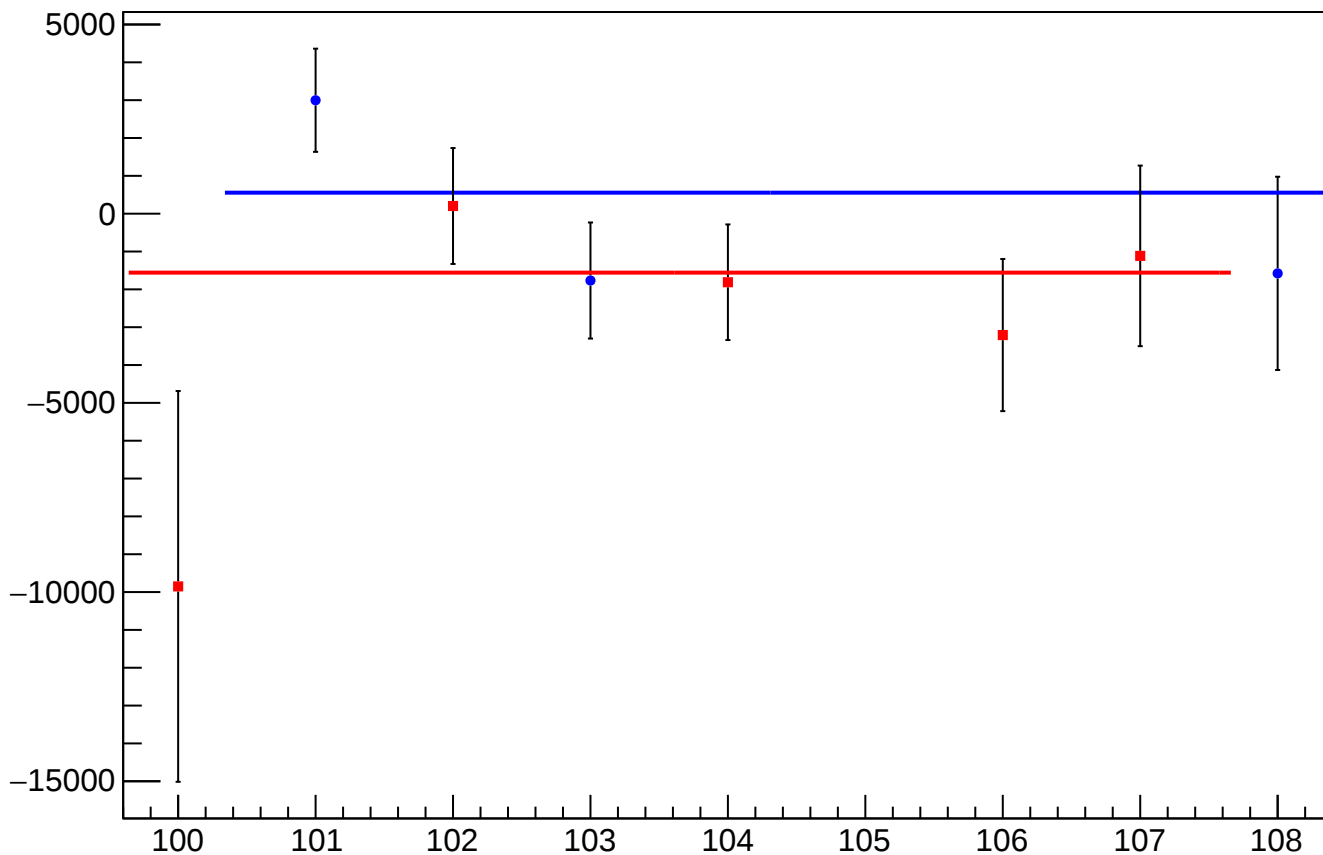
Right: 1139.163 $\pm$ 0.449 χ^2 /NDF: 106844.3/7

In: 1146.842 $\pm$ 0.663 χ^2 /NDF:66731.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1139.163 $\pm$ 0.449 χ^2 /NDF: 106844.3/7

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 555.331+/-946.437 χ^2/NDF : 6.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1557.835+/-871.948 χ^2/NDF : 4.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

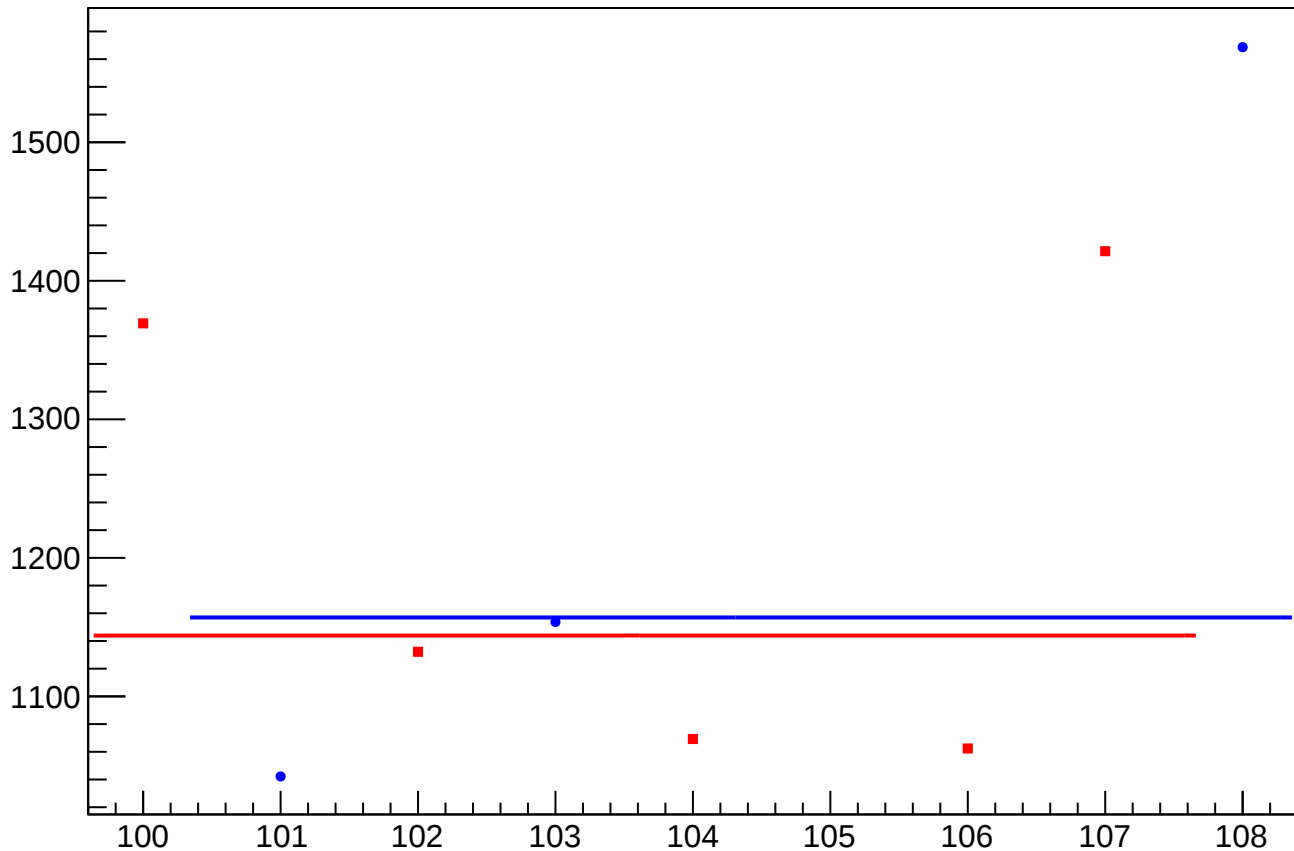
Right: -587.672+/-641.279 χ^2/NDF : 13.5/7

In: 555.331+/-946.437 χ^2/NDF : 6.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -587.672+/-641.279 χ^2/NDF : 13.5/7

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1156.976 $\pm$ 0.669 χ^2 /NDF: 66163.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1143.930 $\pm$ 0.617 χ^2 /NDF: 39032.5/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

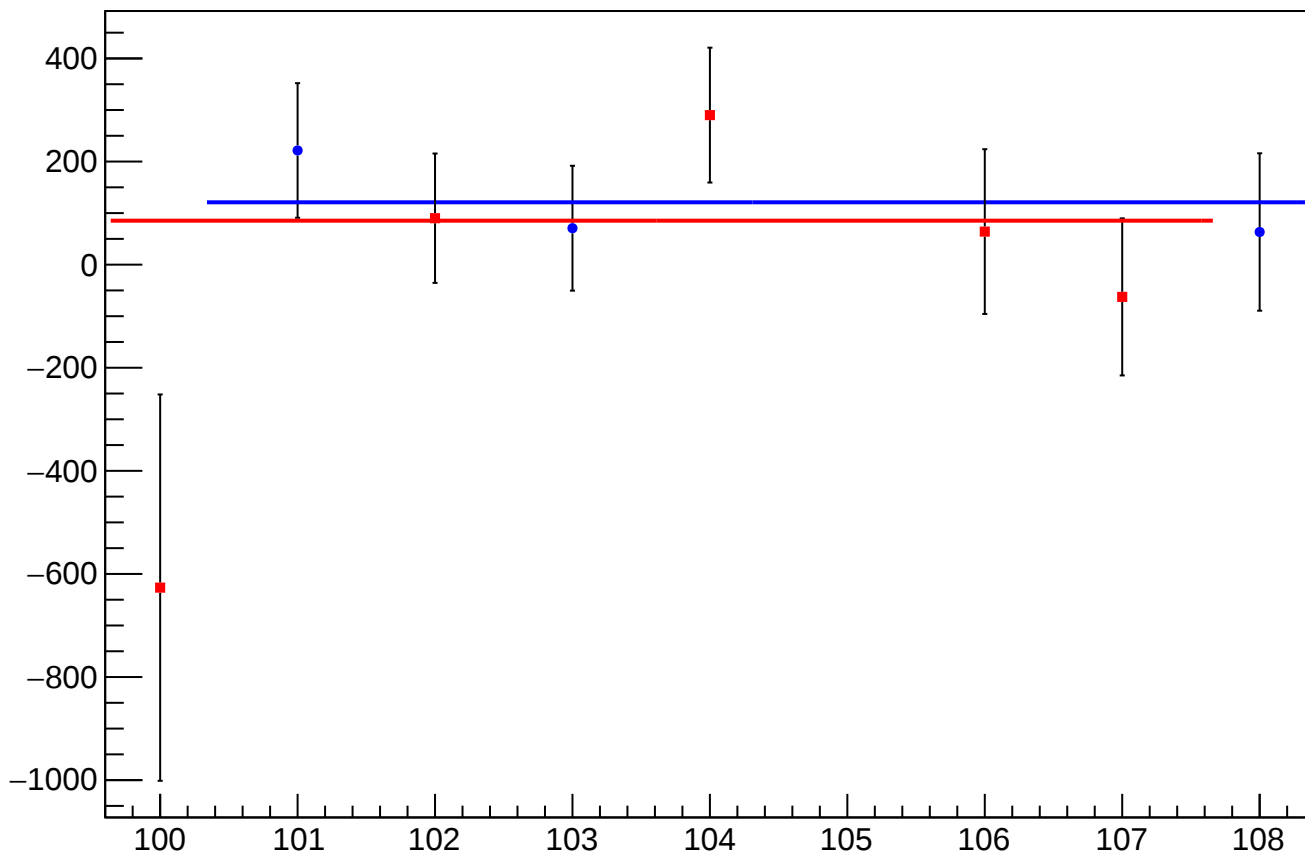
Right: 1149.919 $\pm$ 0.453 χ^2 /NDF: 105402.0/7

In: 1156.976 $\pm$ 0.669 χ^2 /NDF: 66163.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1149.919 $\pm$ 0.453 χ^2 /NDF: 105402.0/7

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 120.959+/-76.765 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.319+/-68.792 χ^2/NDF : 7.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

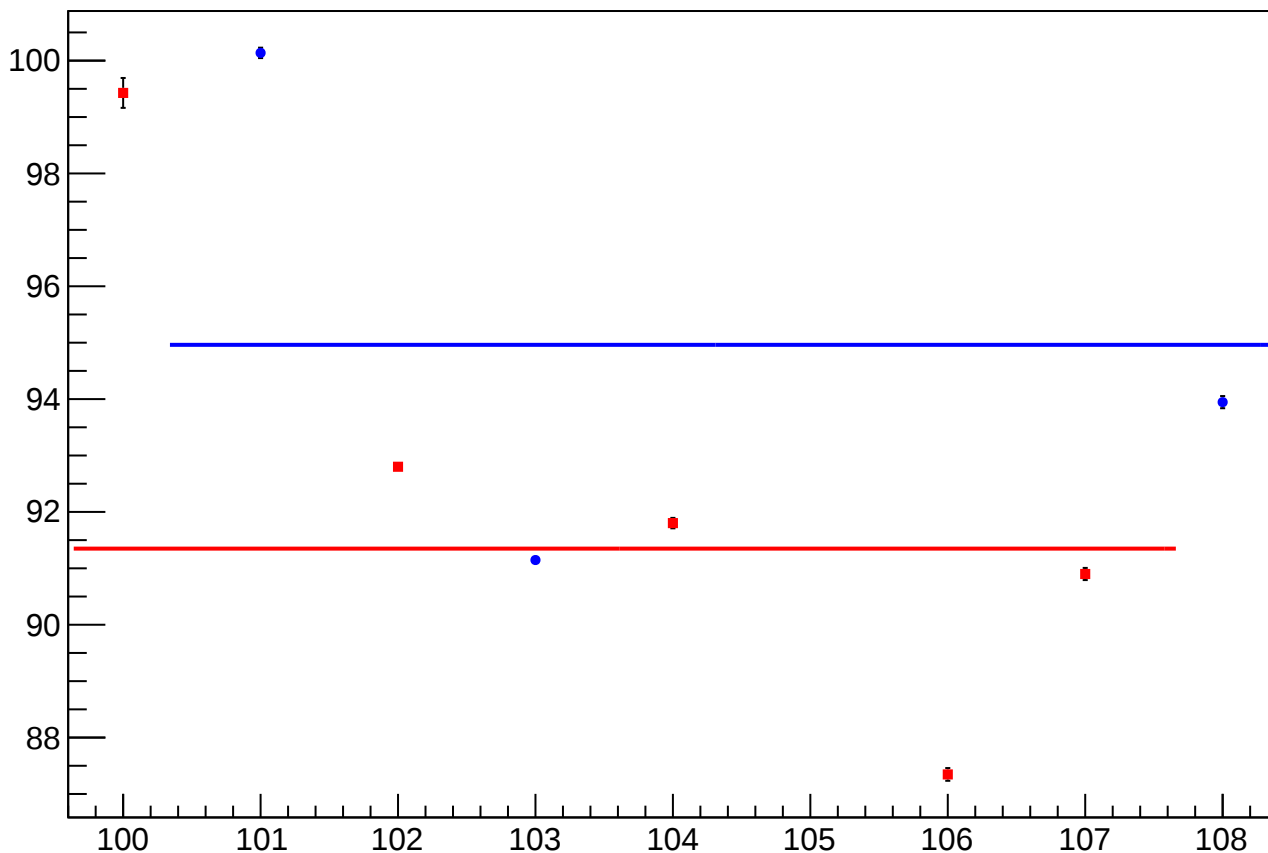
Right: 101.192+/-51.231 χ^2/NDF : 8.0/7

In: 120.959+/-76.765 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.192+/-51.231 χ^2/NDF : 8.0/7

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 94.962 $\pm$ 0.054 χ^2 /NDF: 5213.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 91.349 $\pm$ 0.049 χ^2 /NDF: 2493.1/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

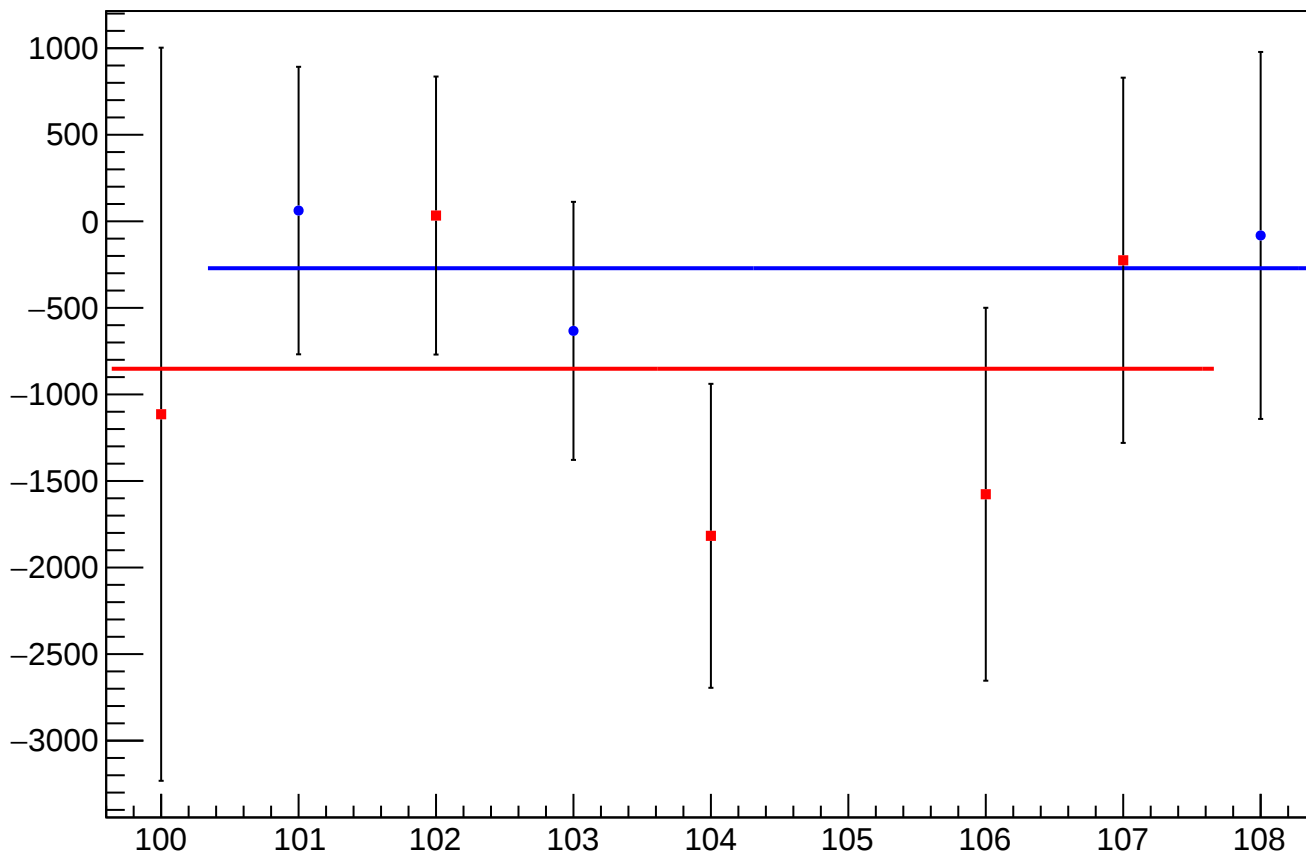
Right: 92.958 $\pm$ 0.036 χ^2 /NDF: 10163.1/7

In: 94.962 $\pm$ 0.054 χ^2 /NDF:5213.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 92.958 $\pm$ 0.036 χ^2 /NDF: 10163.1/7

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -270.976+/-491.459 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -851.694+/-454.928 χ^2/NDF : 3.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

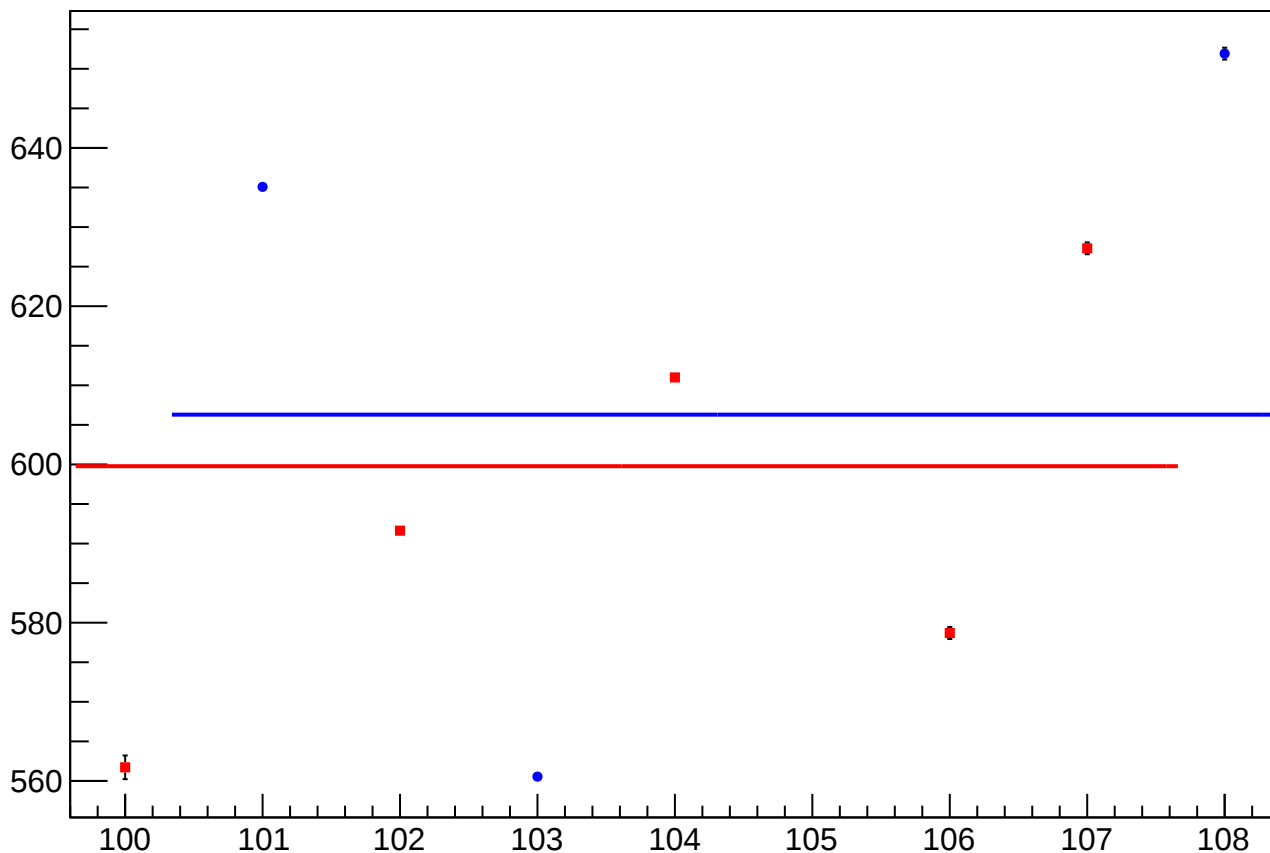
Right: -583.717+/-333.851 χ^2/NDF : 4.4/7

In: -270.976+/-491.459 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -583.717+/-333.851 χ^2/NDF : 4.4/7

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 606.293+/-0.348 χ^2/NDF : 13644.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 599.778+/-0.322 χ^2/NDF : 3306.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

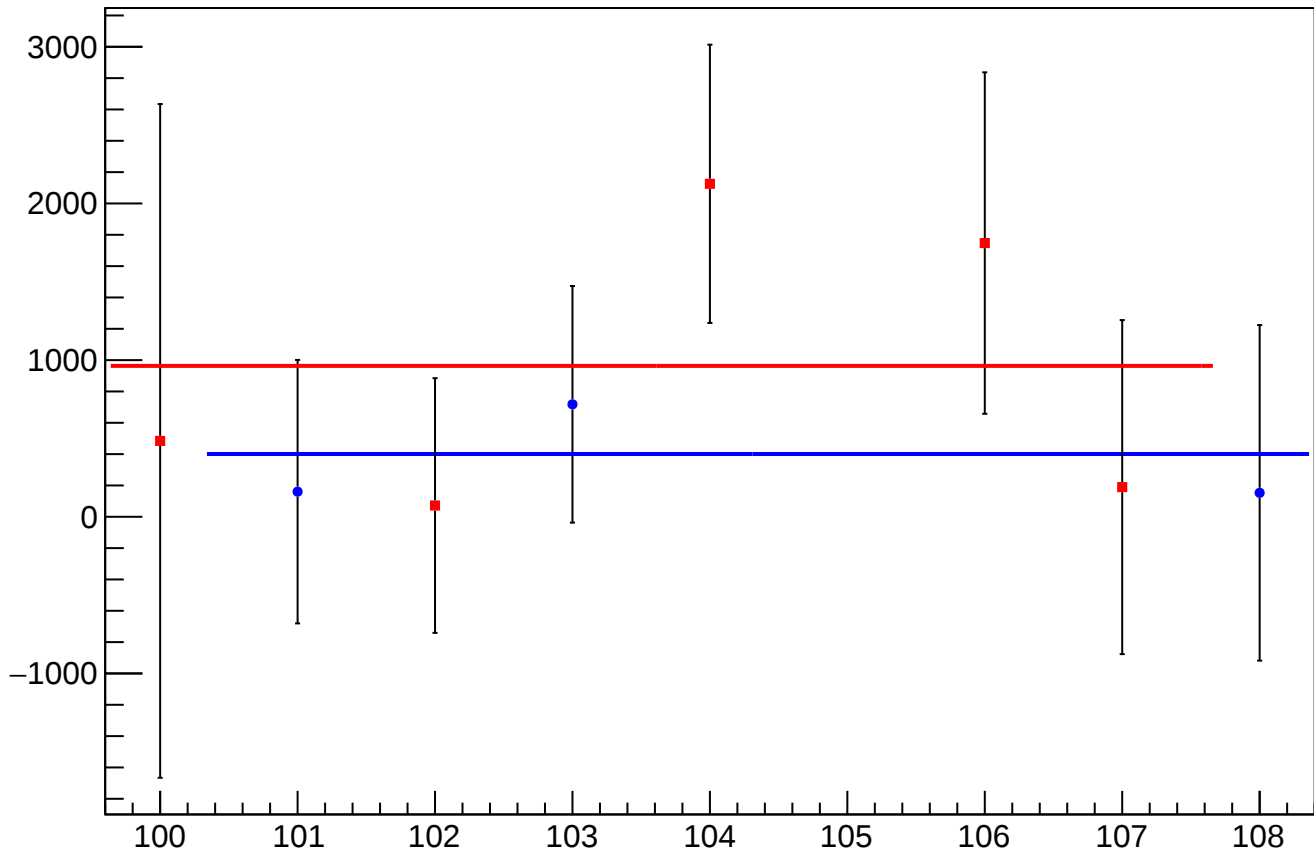
Right: 602.784+/-0.236 χ^2/NDF : 17140.2/7

In: 606.293+/-0.348 χ^2/NDF : 13644.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 602.784+/-0.236 χ^2/NDF : 17140.2/7

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 400.805+/-497.536 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 963.337+/-460.333 χ^2/NDF : 4.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

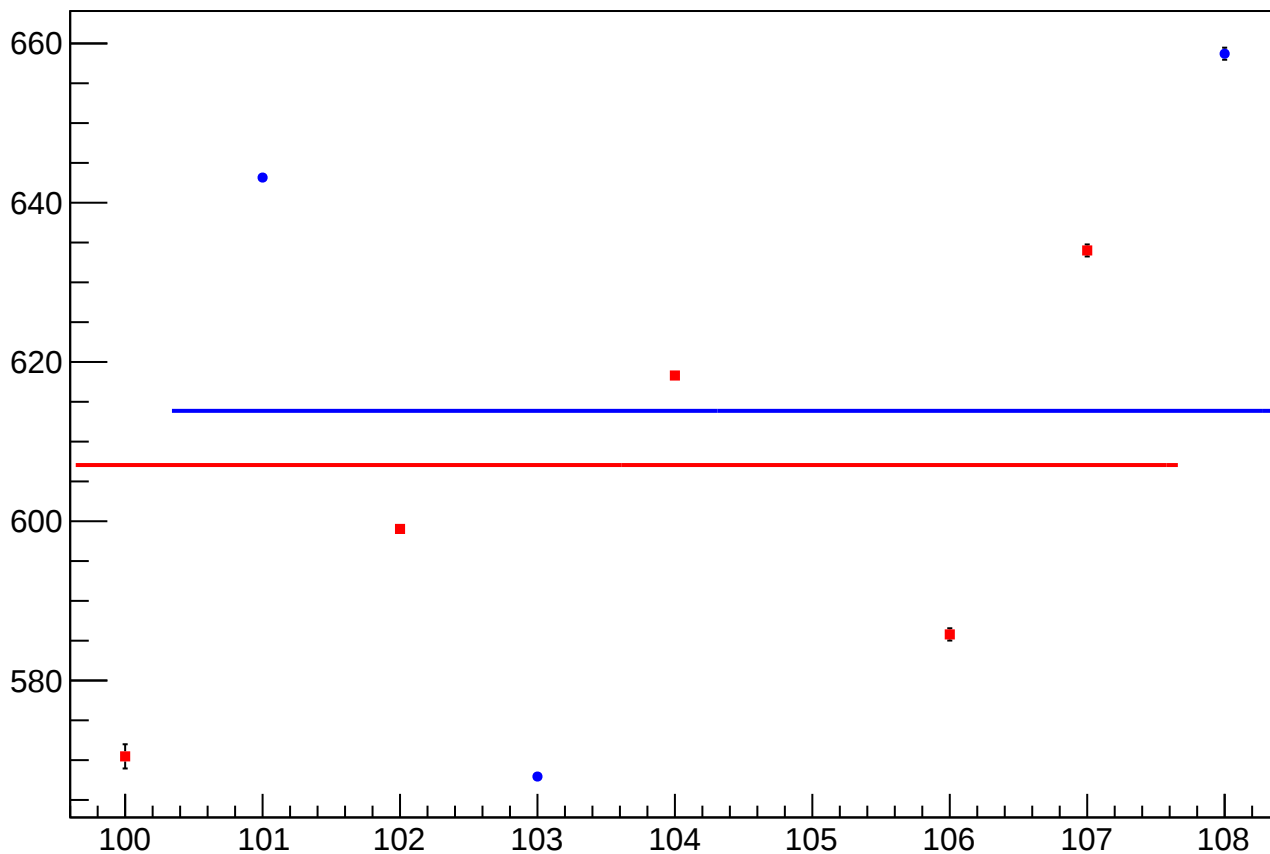
Right: 703.886+/-337.892 χ^2/NDF : 5.0/7

In: 400.805+/-497.536 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 703.886+/-337.892 χ^2/NDF : 5.0/7

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 613.863 $\pm$ 0.352 χ^2 /NDF: 13331.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 607.058 $\pm$ 0.326 χ^2 /NDF: 3134.0/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

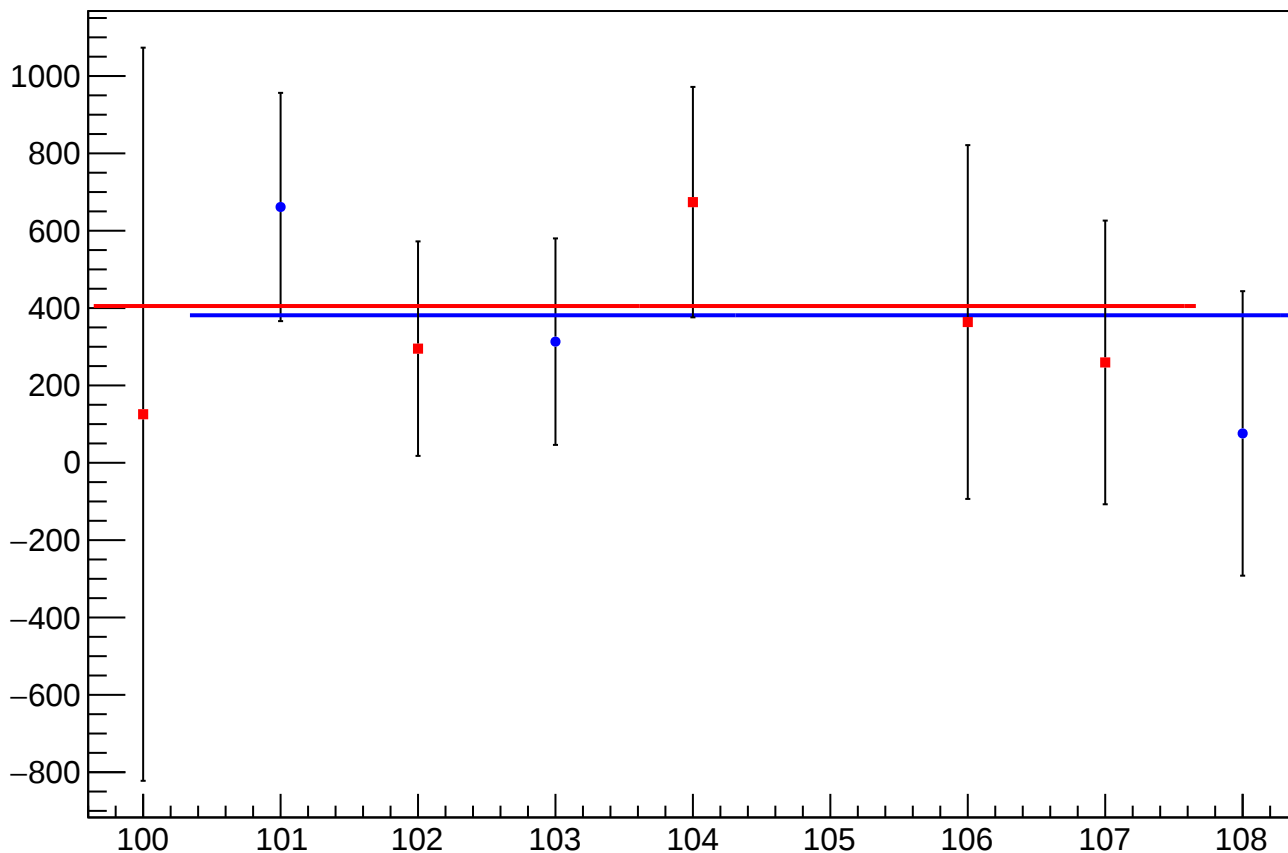
Right: 610.196 $\pm$ 0.239 χ^2 /NDF: 16667.4/7

In: 613.863 $\pm$ 0.352 χ^2 /NDF: 13331.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 610.196 $\pm$ 0.239 χ^2 /NDF: 16667.4/7

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 381.390 $\pm$ 174.317 χ^2 /NDF: 1.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 405.318 $\pm$ 163.080 χ^2 /NDF: 1.2/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

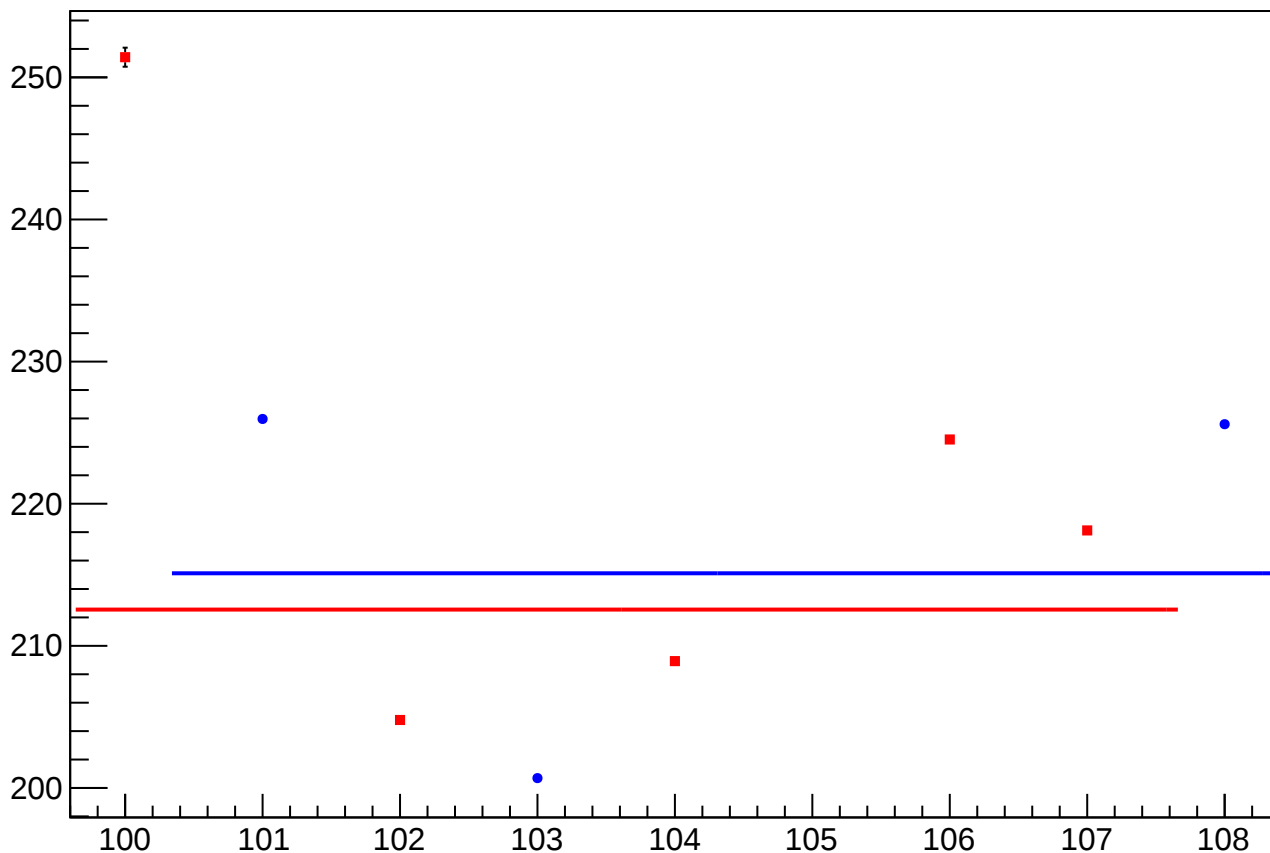
Right: 394.150 $\pm$ 119.090 χ^2 /NDF: 2.9/7

In: 381.390 $\pm$ 174.317 χ^2 /NDF:1.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 394.150 $\pm$ 119.090 χ^2 /NDF: 2.9/7

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 215.105 $\pm$ 0.123 χ^2 /NDF: 10165.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 212.552 $\pm$ 0.115 χ^2 /NDF: 7060.1/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

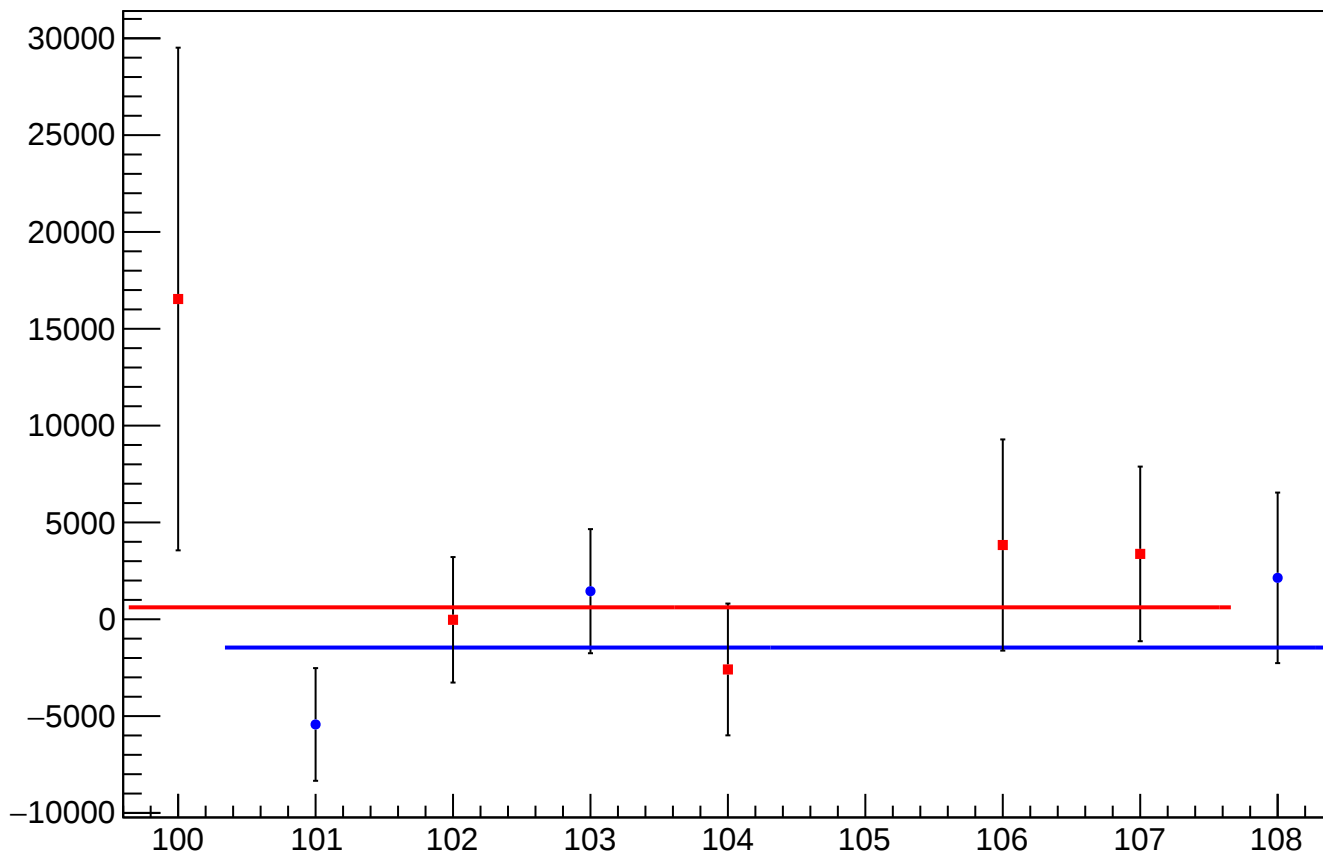
Right: 213.744 $\pm$ 0.084 χ^2 /NDF: 17454.1/7

In: 215.105 $\pm$ 0.123 χ^2 /NDF: 10165.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 213.744 $\pm$ 0.084 χ^2 /NDF: 17454.1/7

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1460.294+/-1935.006 χ^2/NDF : 3.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 616.691+/-1923.208 χ^2/NDF : 3.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

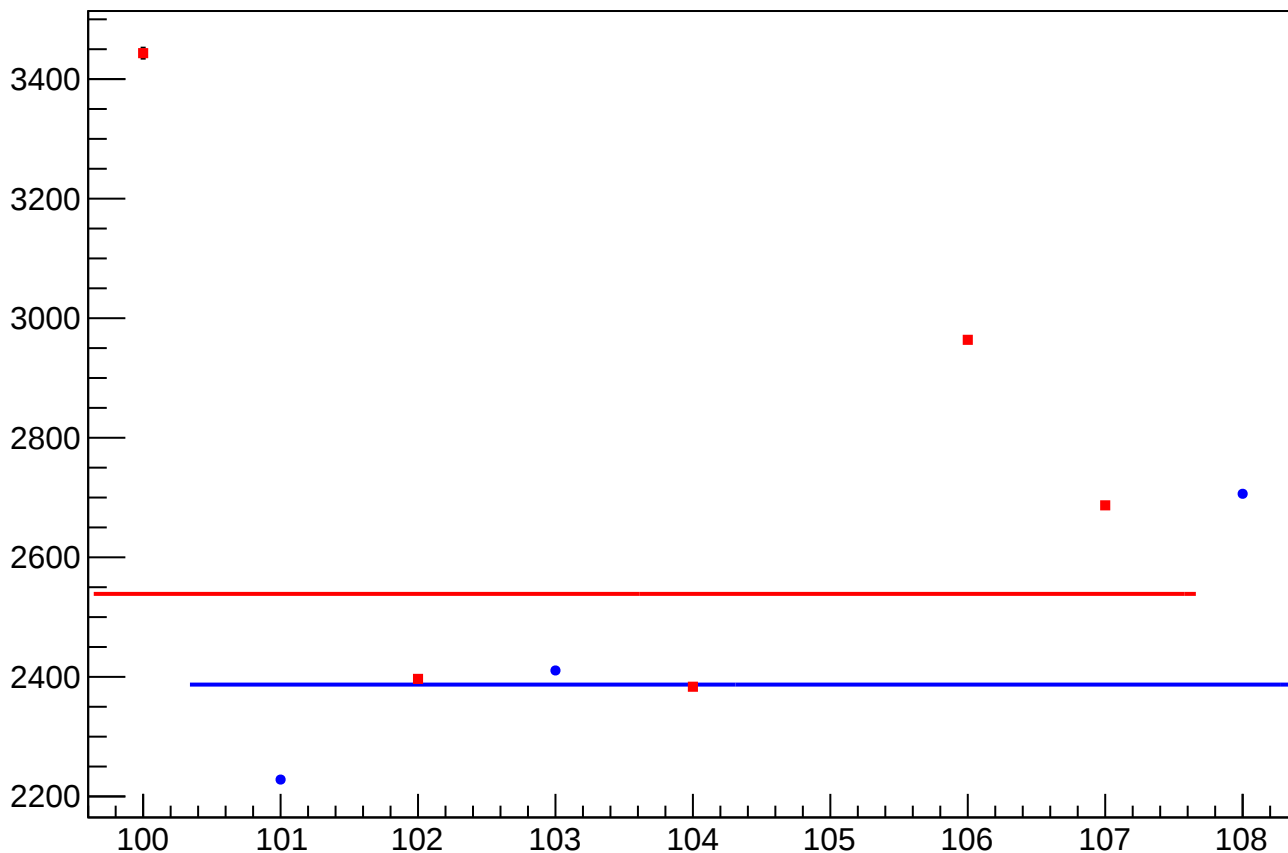
Right: -415.450+/-1364.065 χ^2/NDF : 7.1/7

In: -1460.294+/-1935.006 χ^2/NDF : 3.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -415.450+/-1364.065 χ^2/NDF : 7.1/7

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2387.097 $\pm$ 1.368 χ^2 /NDF: 16583.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2538.827 $\pm$ 1.360 χ^2 /NDF: 32041.0/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

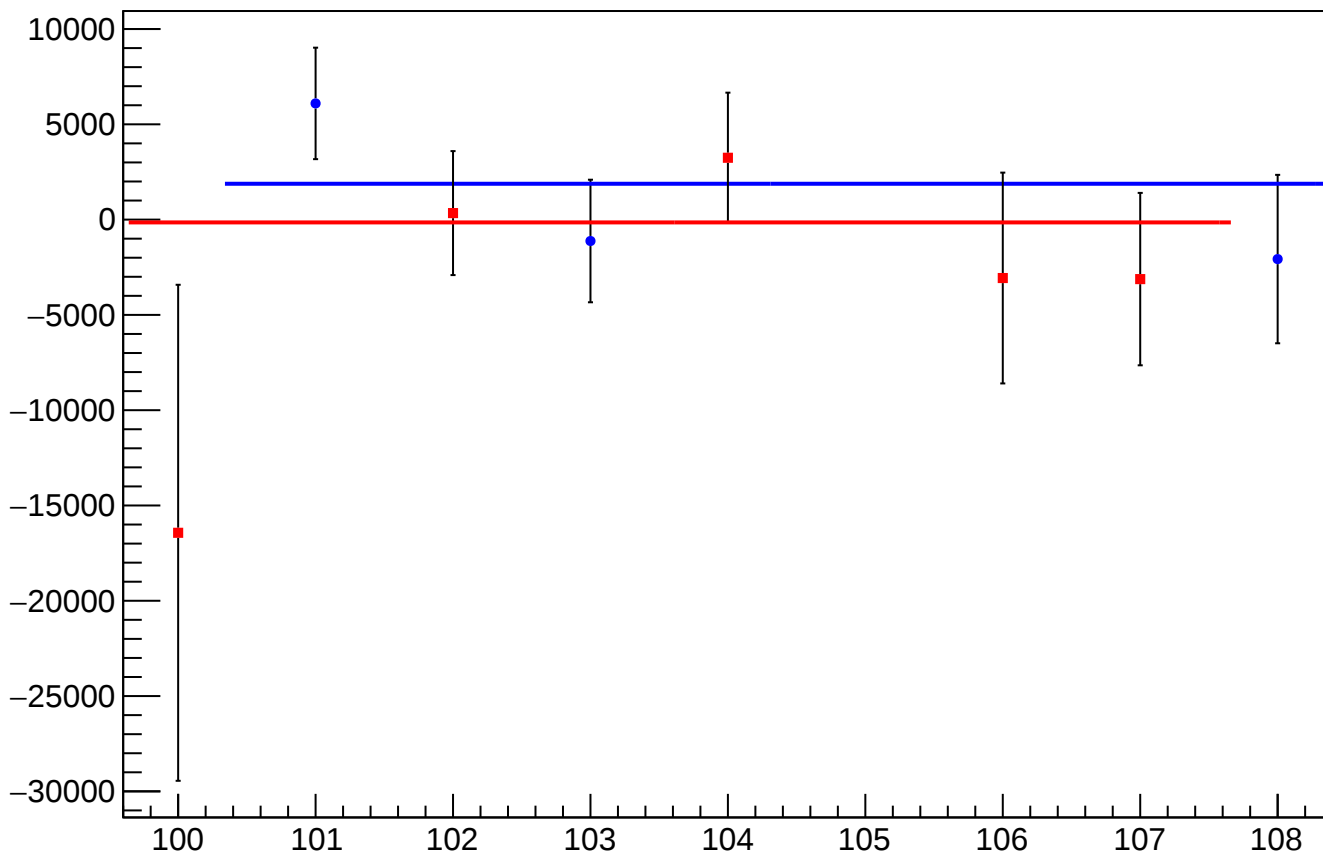
Right: 2463.426 $\pm$ 0.965 χ^2 /NDF: 54811.1/7

In: 2387.097 $\pm$ 1.368 χ^2 /NDF:16583.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2463.426 $\pm$ 0.965 χ^2 /NDF: 54811.1/7

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1881.124+/-1943.252 χ^2 /NDF: 3.7/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -147.273+/-1932.799 χ^2 /NDF: 3.3/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

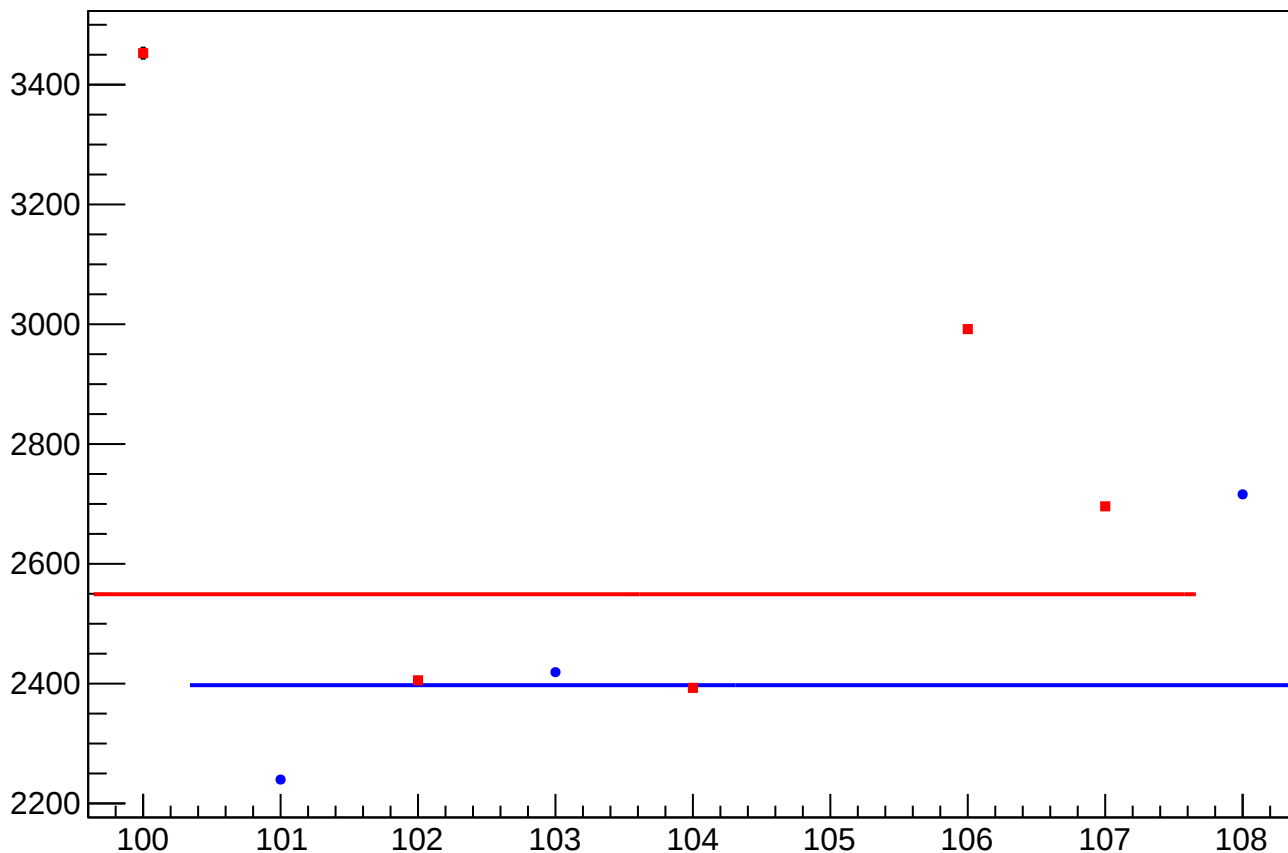
Right: 861.455+/-1370.376 χ^2 /NDF: 7.6/7

In: 1881.124+/-1943.252 χ^2 /NDF:3.7/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 861.455+/-1370.376 χ^2 /NDF: 7.6/7

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2397.402+/-1.374 χ^2/NDF : 16292.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2549.236+/-1.367 χ^2/NDF : 32644.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

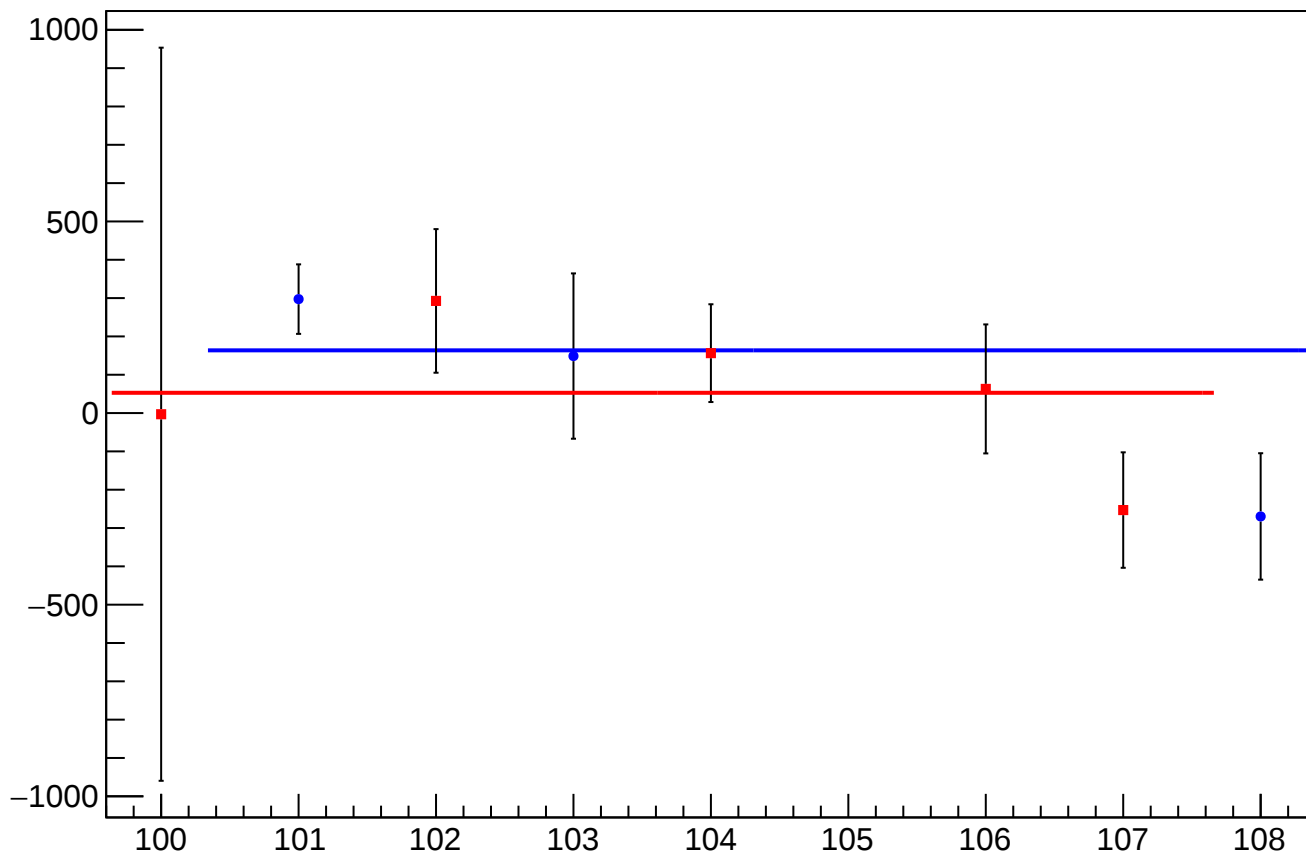
Right: 2473.729+/-0.969 χ^2/NDF : 55075.3/7

In: 2397.402+/-1.374 χ^2/NDF : 16292.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2473.729+/-0.969 χ^2/NDF : 55075.3/7

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 163.657 $\pm$ 74.575 χ^2 /NDF: 9.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 52.889 $\pm$ 76.609 χ^2 /NDF: 6.4/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

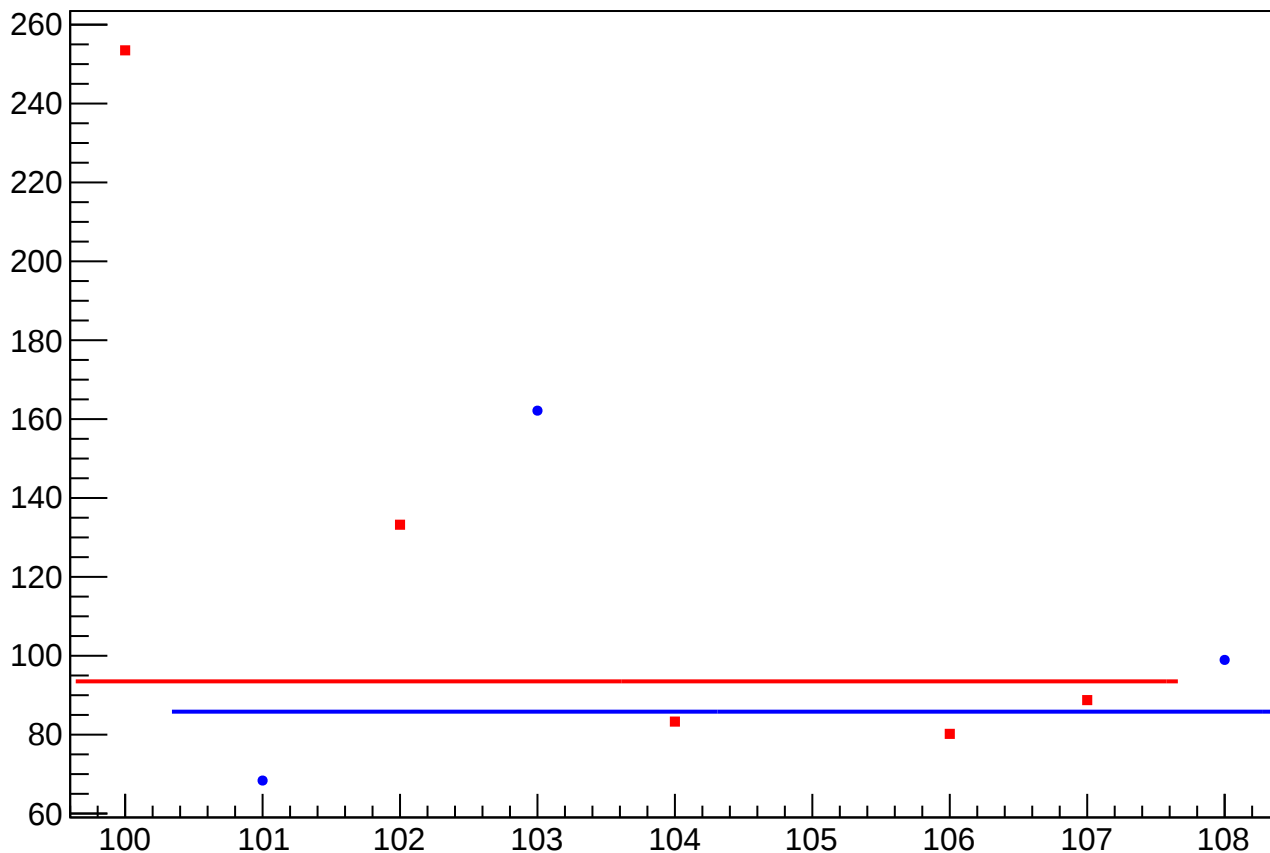
Right: 109.762 $\pm$ 53.437 χ^2 /NDF: 16.6/7

In: 163.657 $\pm$ 74.575 χ^2 /NDF: 9.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 109.762 $\pm$ 53.437 χ^2 /NDF: 16.6/7

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 85.828+/-0.053 χ^2/NDF : 337173.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.511+/-0.054 χ^2/NDF : 173061.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

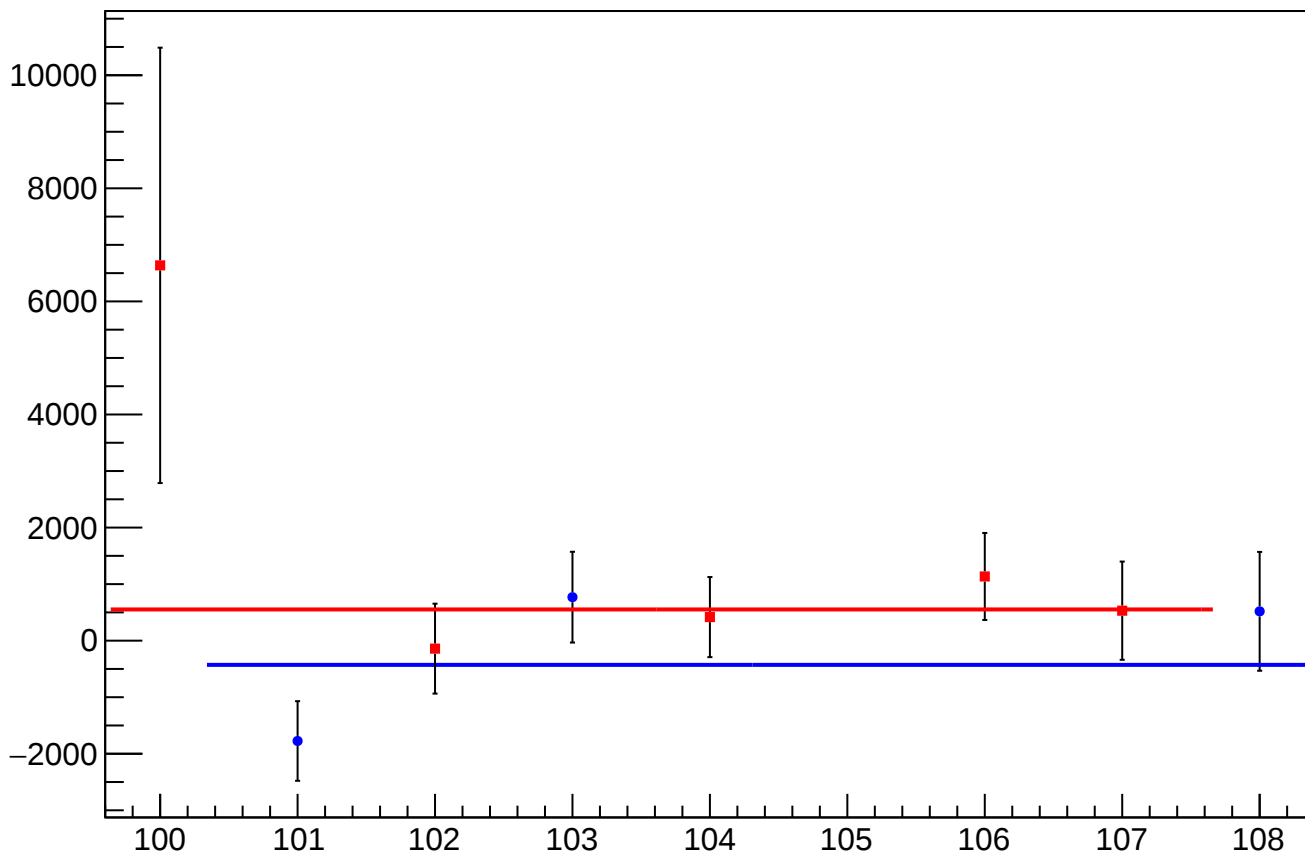
Right: 89.566+/-0.038 χ^2/NDF : 520561.9/7

In: 85.828+/-0.053 χ^2/NDF : 337173.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.566+/-0.038 χ^2/NDF : 520561.9/7

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -428.126+/-472.750 χ^2/NDF : 6.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 552.267+/-387.569 χ^2/NDF : 3.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

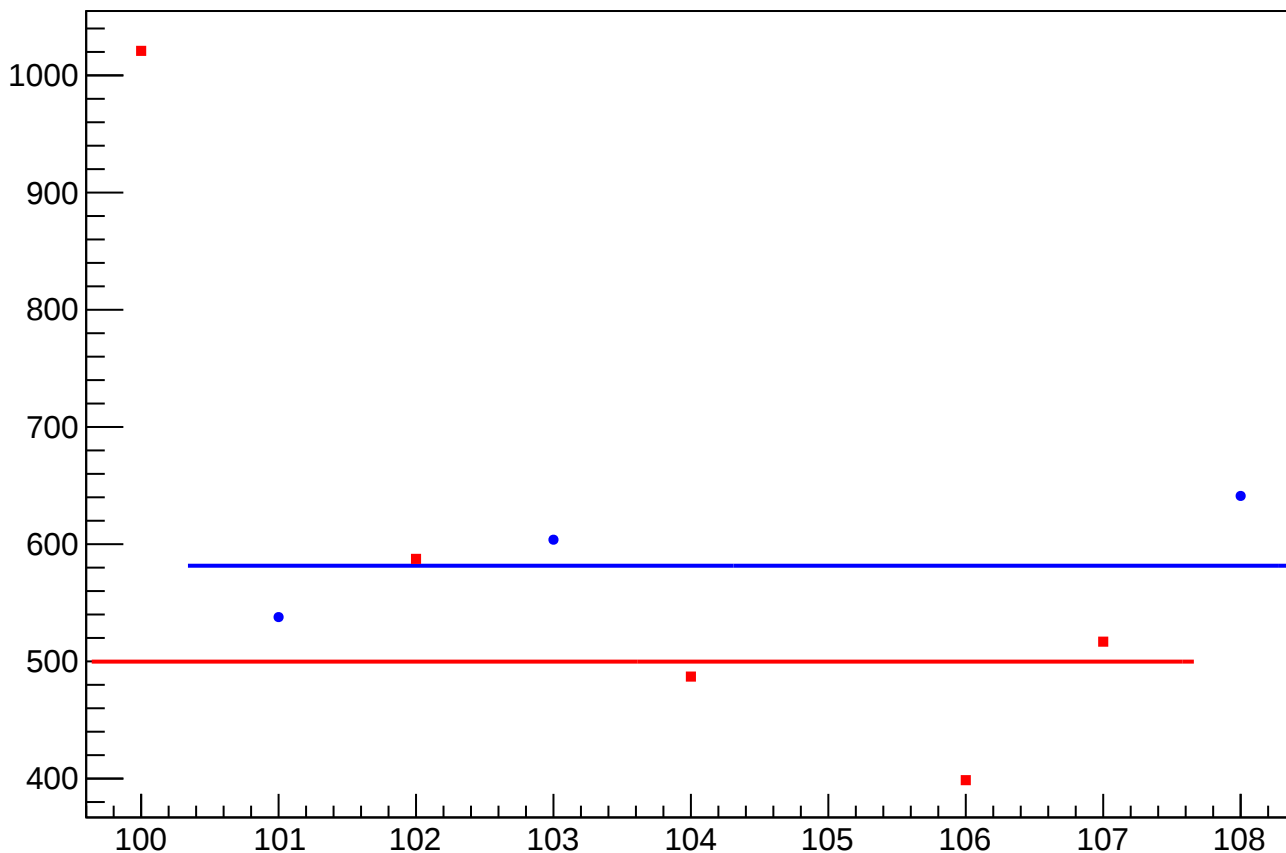
Right: 158.197+/-299.721 χ^2/NDF : 13.1/7

In: -428.126+/-472.750 χ^2/NDF : 6.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.197+/-299.721 χ^2/NDF : 13.1/7

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 581.621+/-0.334 χ^2/NDF : 15702.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 499.805+/-0.274 χ^2/NDF : 96928.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

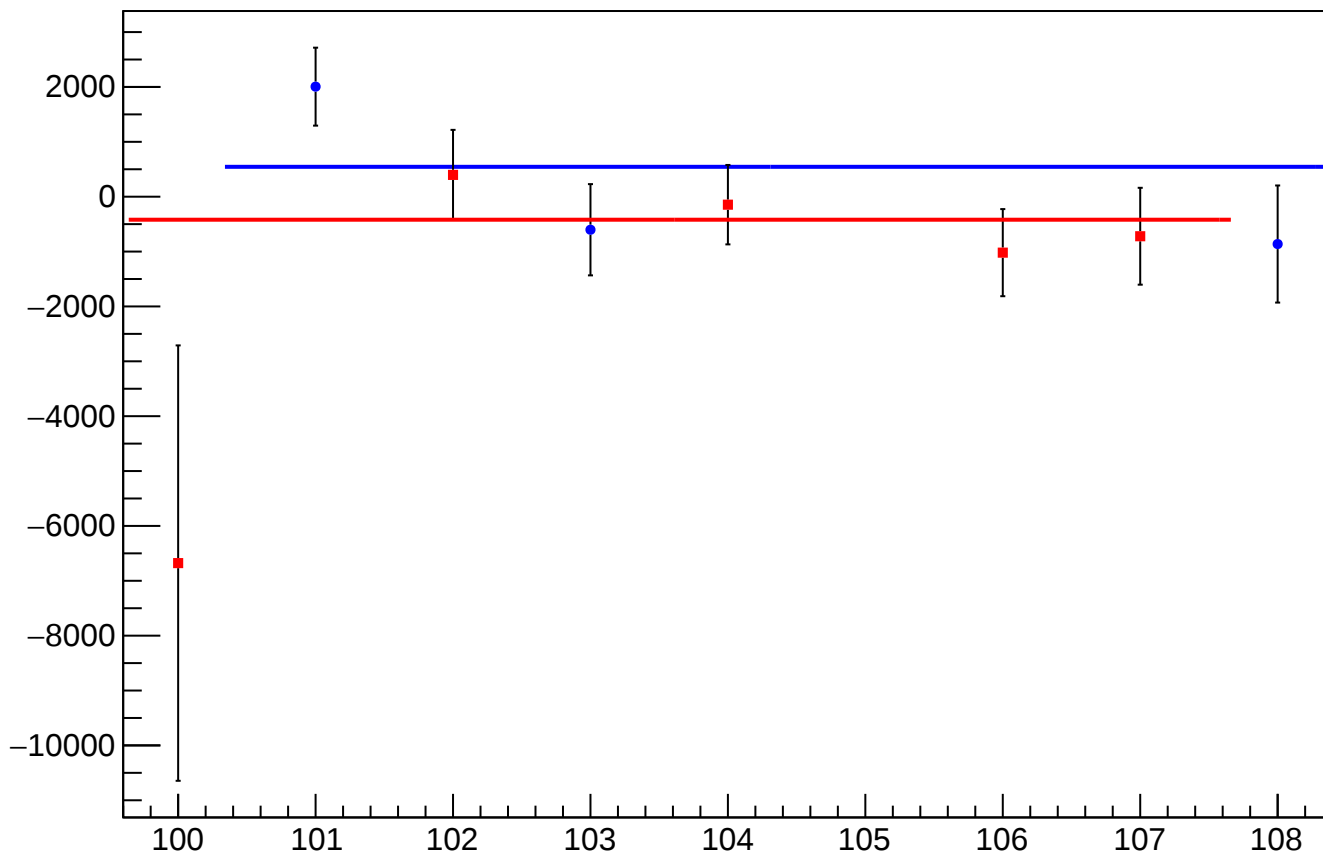
Right: 532.691+/-0.212 χ^2/NDF : 148456.0/7

In: 581.621+/-0.334 χ^2/NDF : 15702.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 532.691+/-0.212 χ^2/NDF : 148456.0/7

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 544.628+/-481.899 χ^2/NDF : 7.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -419.489+/-397.523 χ^2/NDF : 4.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

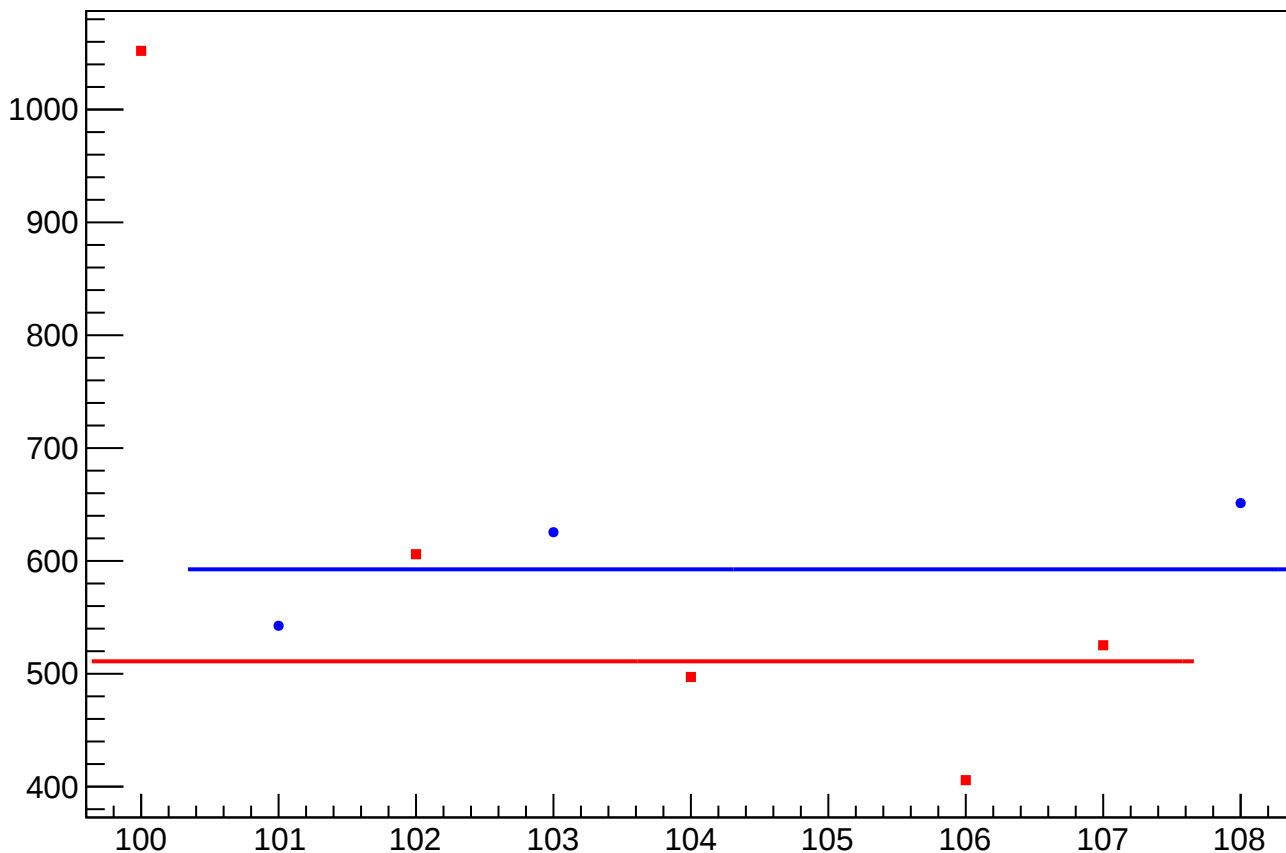
Right: -29.089+/-306.652 χ^2/NDF : 14.6/7

In: 544.628+/-481.899 χ^2/NDF : 7.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.089+/-306.652 χ^2/NDF : 14.6/7

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 592.555+/-0.341 χ^2/NDF : 19094.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 511.049+/-0.281 χ^2/NDF : 100397.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

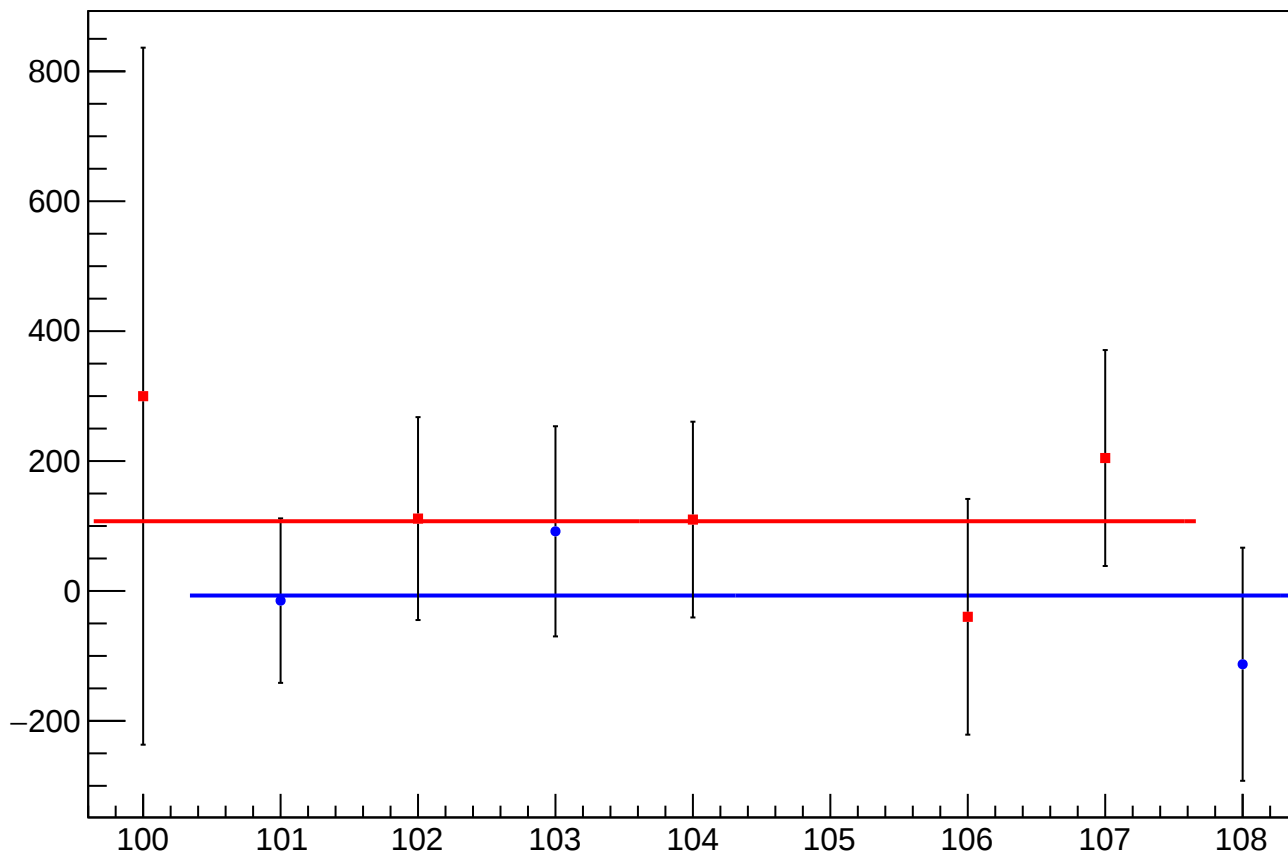
Right: 544.053+/-0.217 χ^2/NDF : 153537.7/7

In: 592.555+/-0.341 χ^2/NDF : 19094.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 544.053+/-0.217 χ^2/NDF : 153537.7/7

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -7.022 $\pm$ 87.157 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 107.360 $\pm$ 80.304 χ^2 /NDF: 1.1/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

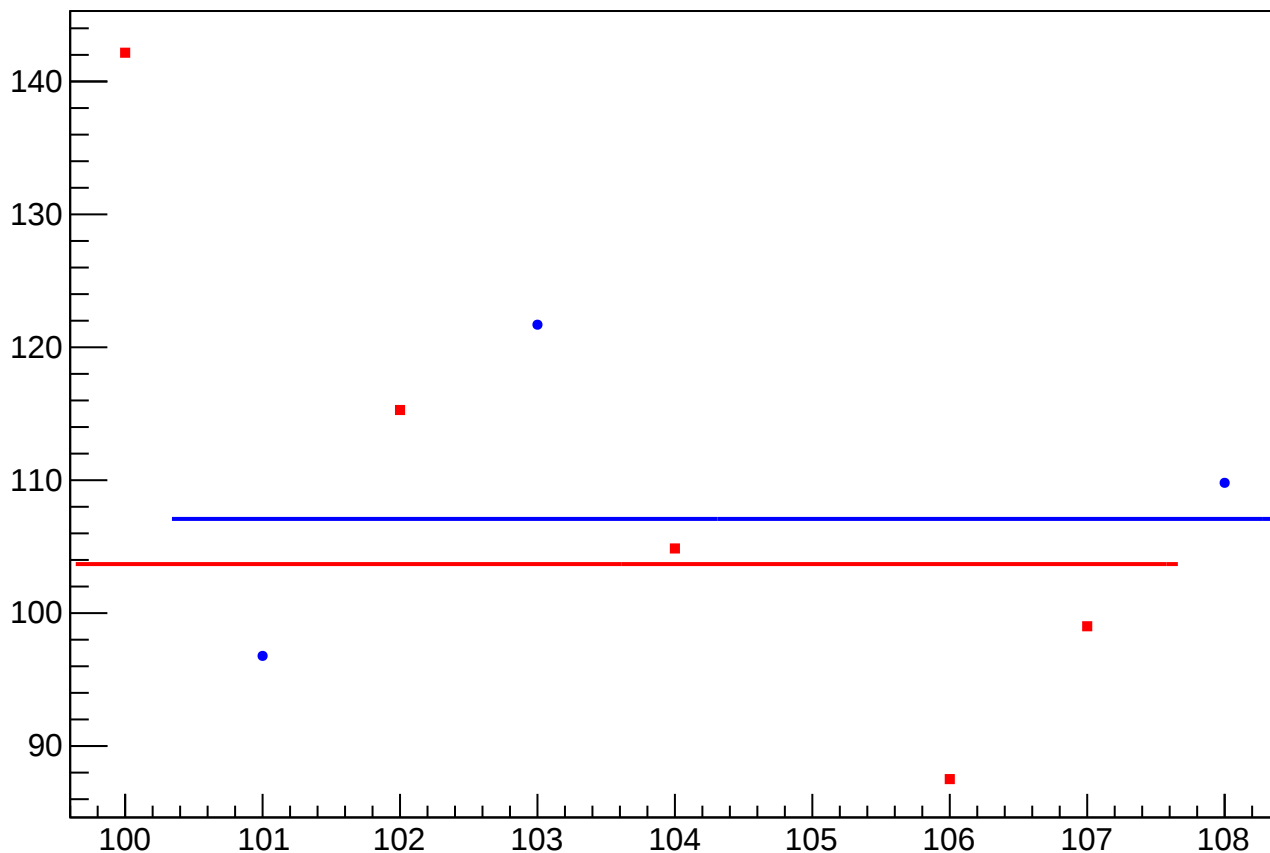
Right: 54.842 $\pm$ 59.058 χ^2 /NDF: 2.8/7

In: -7.022 $\pm$ 87.157 χ^2 /NDF:0.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 54.842 $\pm$ 59.058 χ^2 /NDF: 2.8/7

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 107.087+/-0.062 χ^2/NDF : 30024.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.689+/-0.057 χ^2/NDF : 38904.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

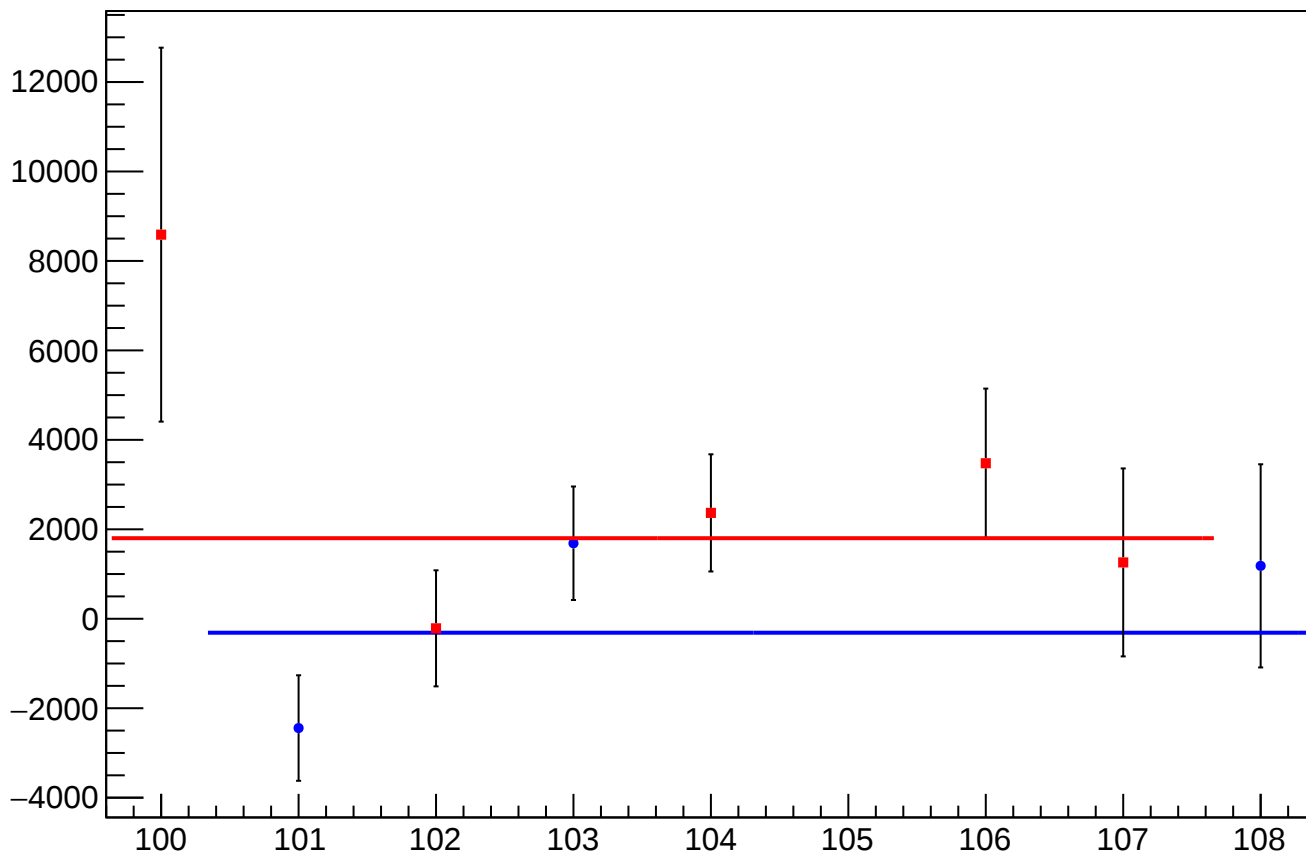
Right: 105.249+/-0.042 χ^2/NDF : 70572.8/7

In: 107.087+/-0.062 χ^2/NDF : 30024.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.249+/-0.042 χ^2/NDF : 70572.8/7

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -311.965+/-807.455 χ^2/NDF : 6.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1801.223+/-741.323 χ^2/NDF : 6.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

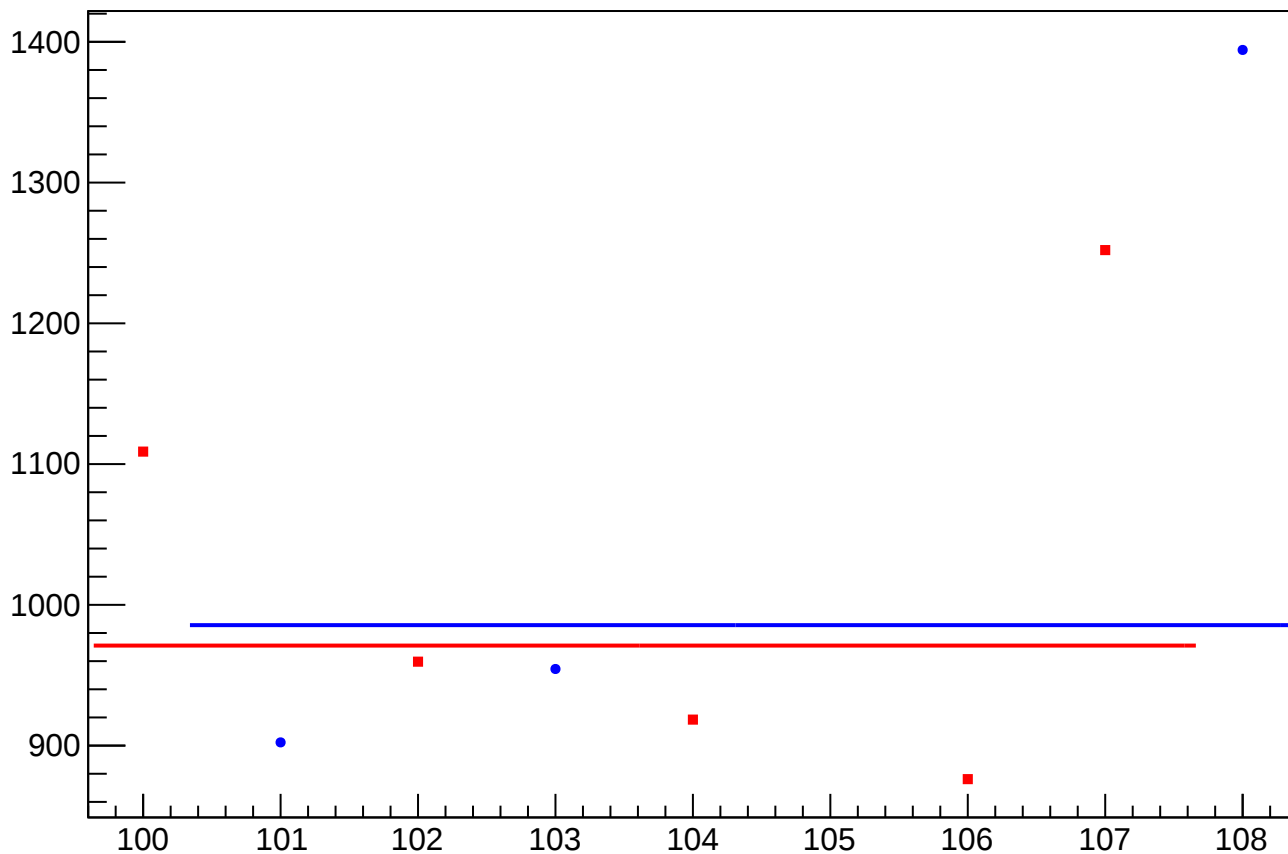
Right: 834.696+/-546.080 χ^2/NDF : 16.2/7

In: -311.965+/-807.455 χ^2/NDF : 6.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 834.696+/-546.080 χ^2/NDF : 16.2/7

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 985.582+/-0.571 χ^2/NDF : 75932.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 971.063+/-0.524 χ^2/NDF : 47776.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

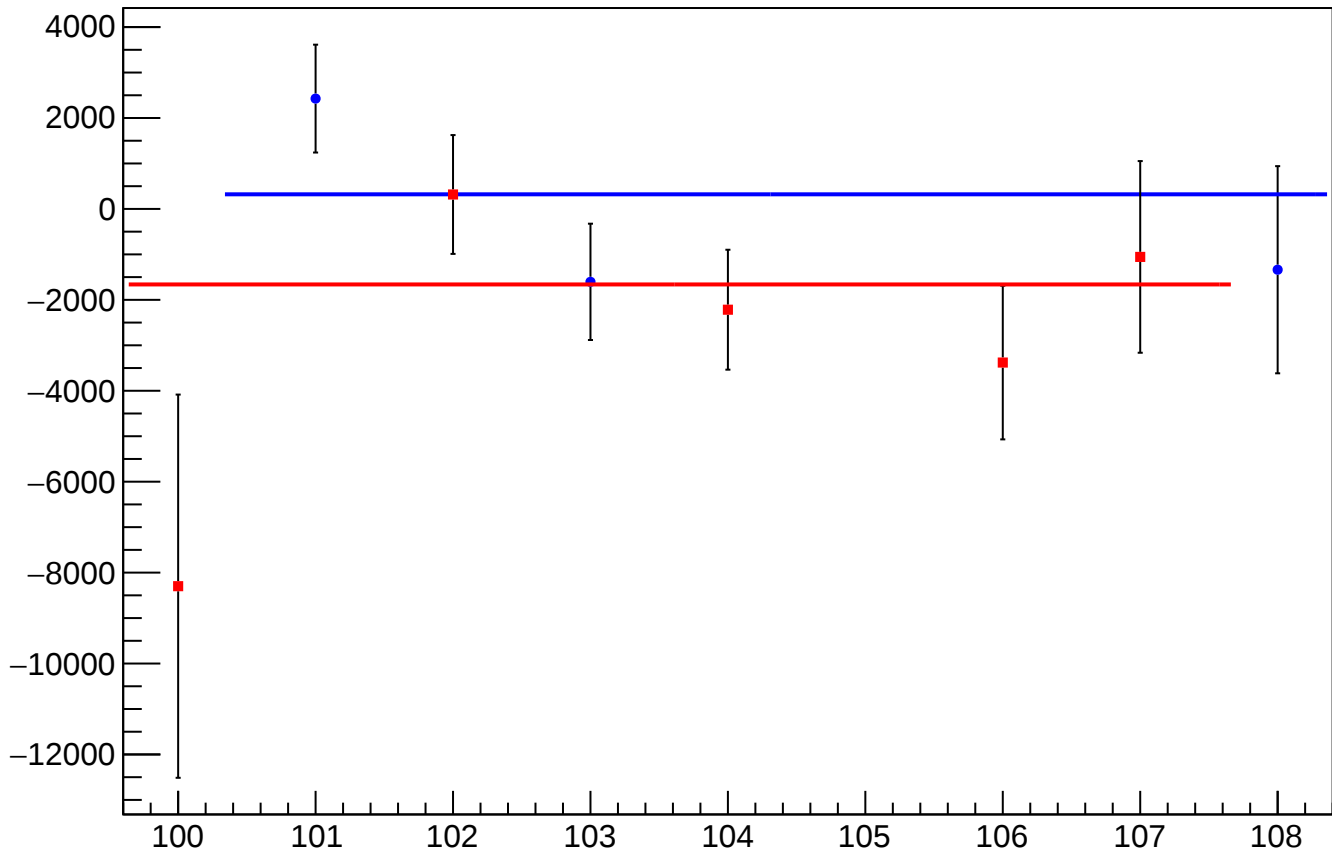
Right: 977.703+/-0.386 χ^2/NDF : 124059.0/7

In: 985.582+/-0.571 χ^2/NDF : 75932.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 977.703+/-0.386 χ^2/NDF : 124059.0/7

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 321.373+/-812.635 χ^2/NDF : 5.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1661.149+/-747.064 χ^2/NDF : 6.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

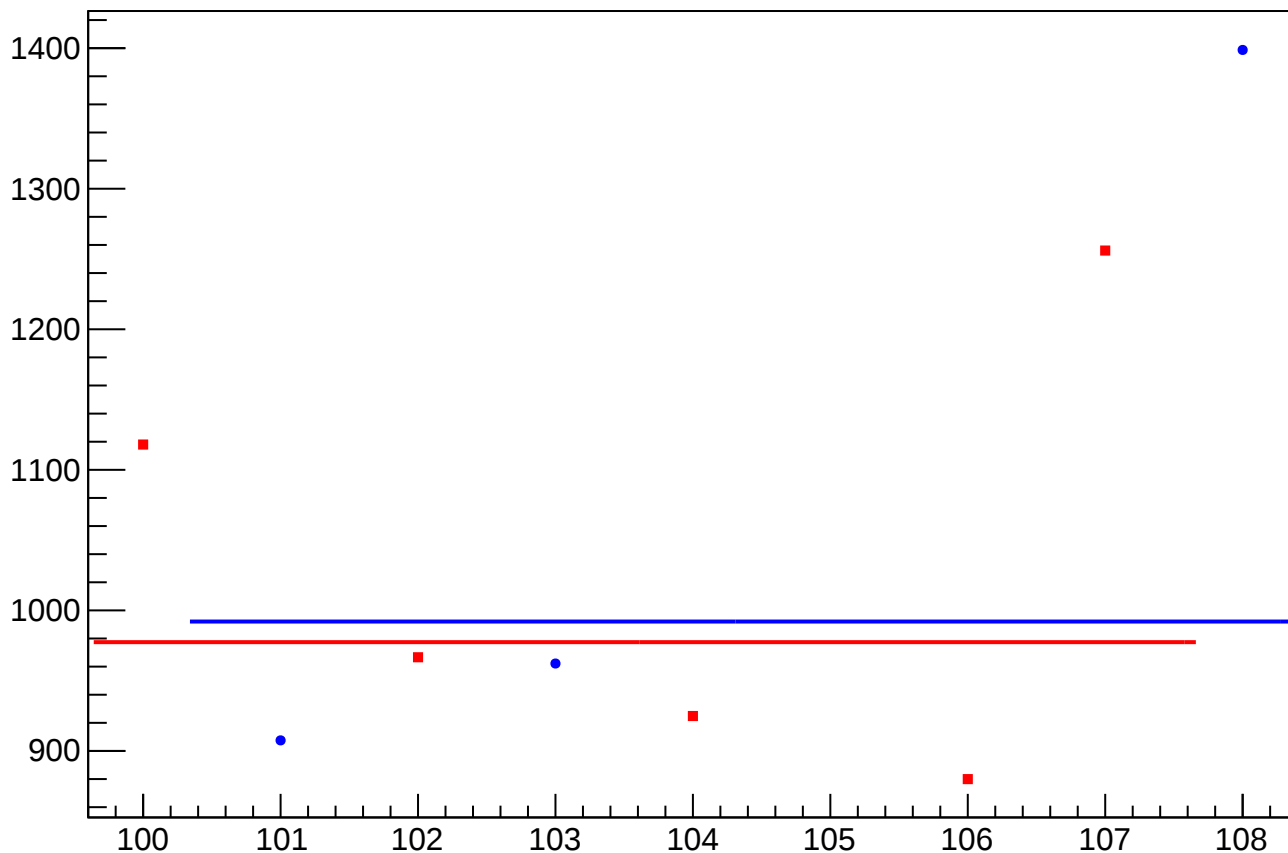
Right: -753.088+/-549.976 χ^2/NDF : 15.2/7

In: 321.373+/-812.635 χ^2/NDF : 5.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -753.088+/-549.976 χ^2/NDF : 15.2/7

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 992.071+/-0.575 χ^2/NDF : 74960.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 977.398+/-0.528 χ^2/NDF : 47119.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

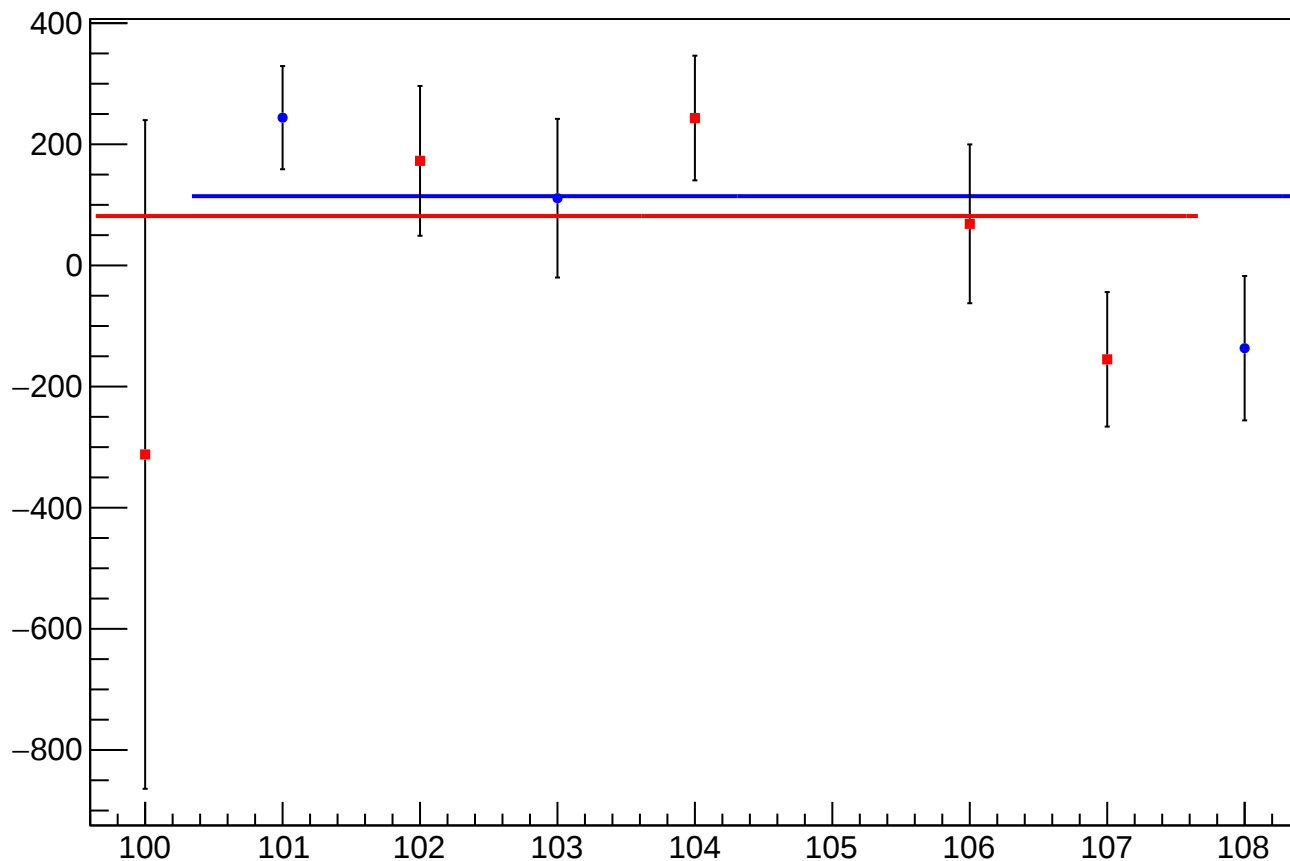
Right: 984.119+/-0.389 χ^2/NDF : 122433.2/7

In: 992.071+/-0.575 χ^2/NDF : 74960.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 984.119+/-0.389 χ^2/NDF : 122433.2/7

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 114.343 $\pm$ 61.252 χ^2 /NDF: 6.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 81.553 $\pm$ 57.521 χ^2 /NDF: 8.1/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

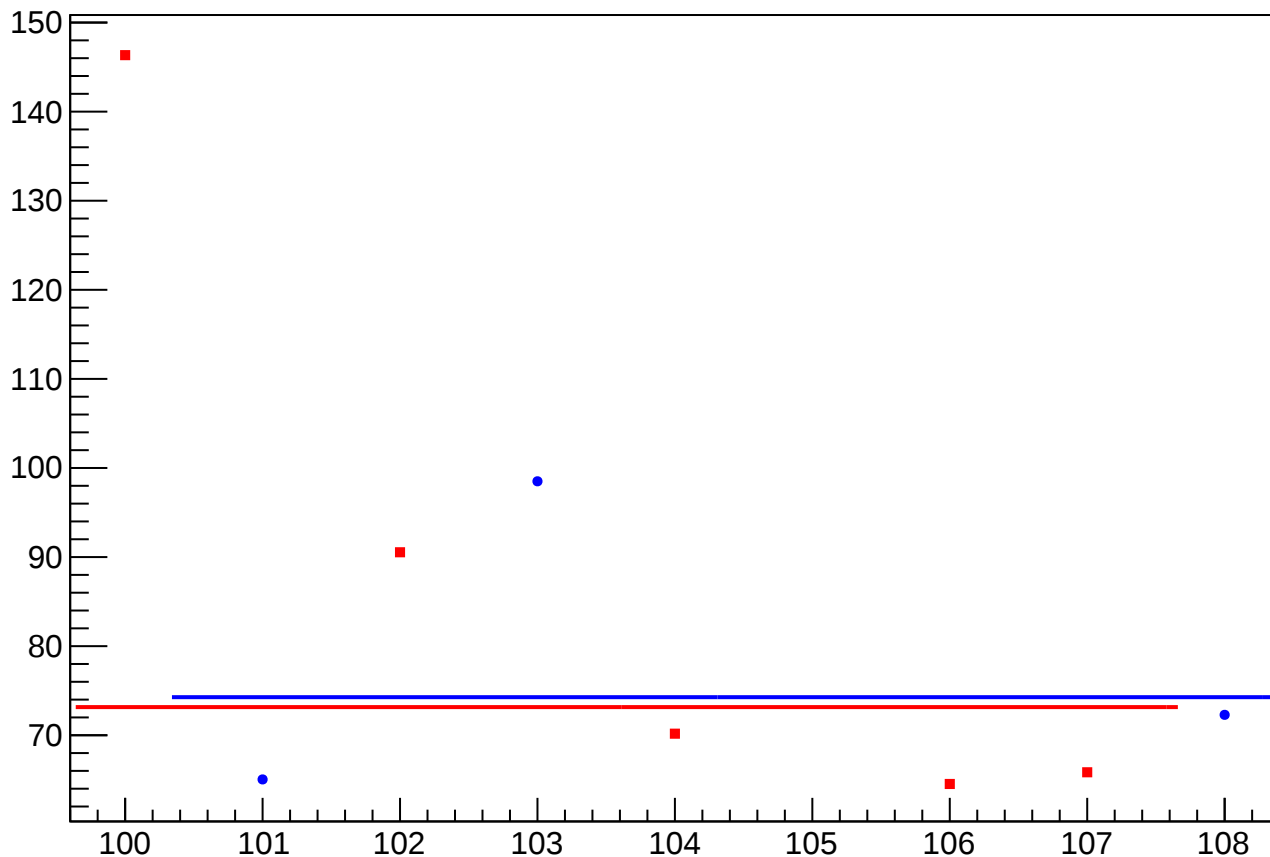
Right: 96.919 $\pm$ 41.931 χ^2 /NDF: 15.0/7

In: 114.343 $\pm$ 61.252 χ^2 /NDF: 6.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 96.919 $\pm$ 41.931 χ^2 /NDF: 15.0/7

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 74.273+/-0.043 χ^2/NDF : 92490.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.160+/-0.041 χ^2/NDF : 93676.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

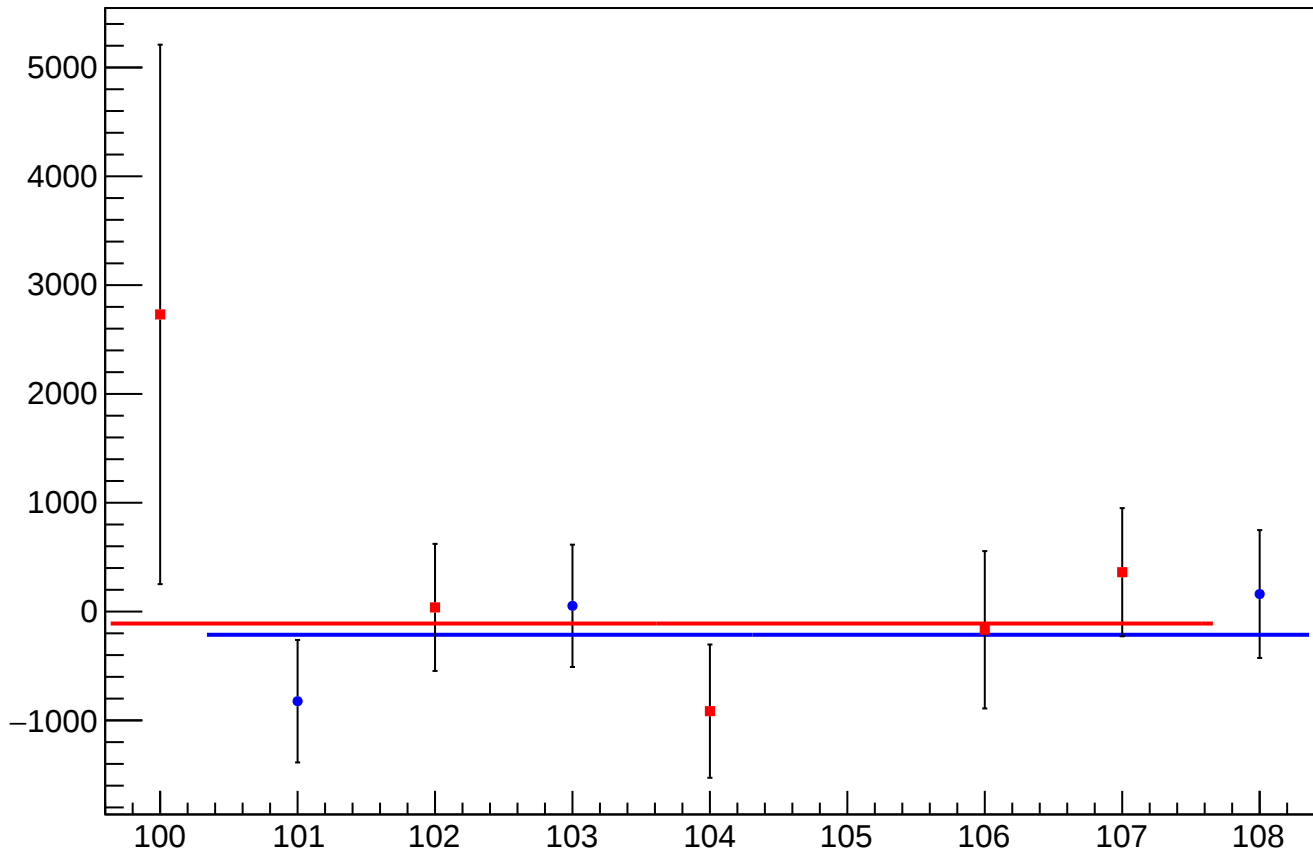
Right: 73.682+/-0.030 χ^2/NDF : 186517.8/7

In: 74.273+/-0.043 χ^2/NDF : 92490.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.682+/-0.030 χ^2/NDF : 186517.8/7

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -213.328+/-329.355 χ^2/NDF : 1.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -109.970+/-307.752 χ^2/NDF : 3.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

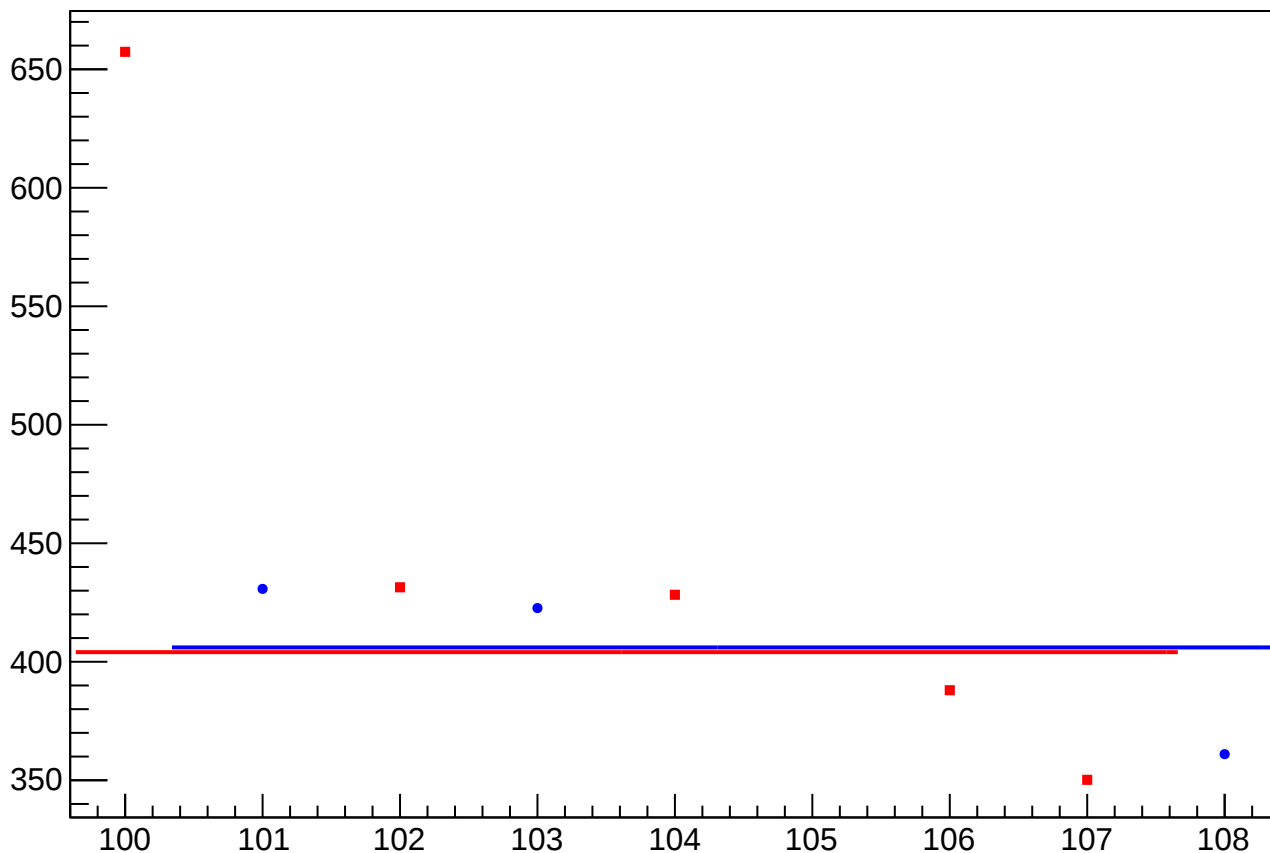
Right: -158.148+/-224.863 χ^2/NDF : 5.6/7

In: -213.328+/-329.355 χ^2/NDF : 1.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -158.148+/-224.863 χ^2/NDF : 5.6/7

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 406.054+/-0.233 χ^2/NDF : 17352.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 404.056+/-0.218 χ^2/NDF : 46123.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

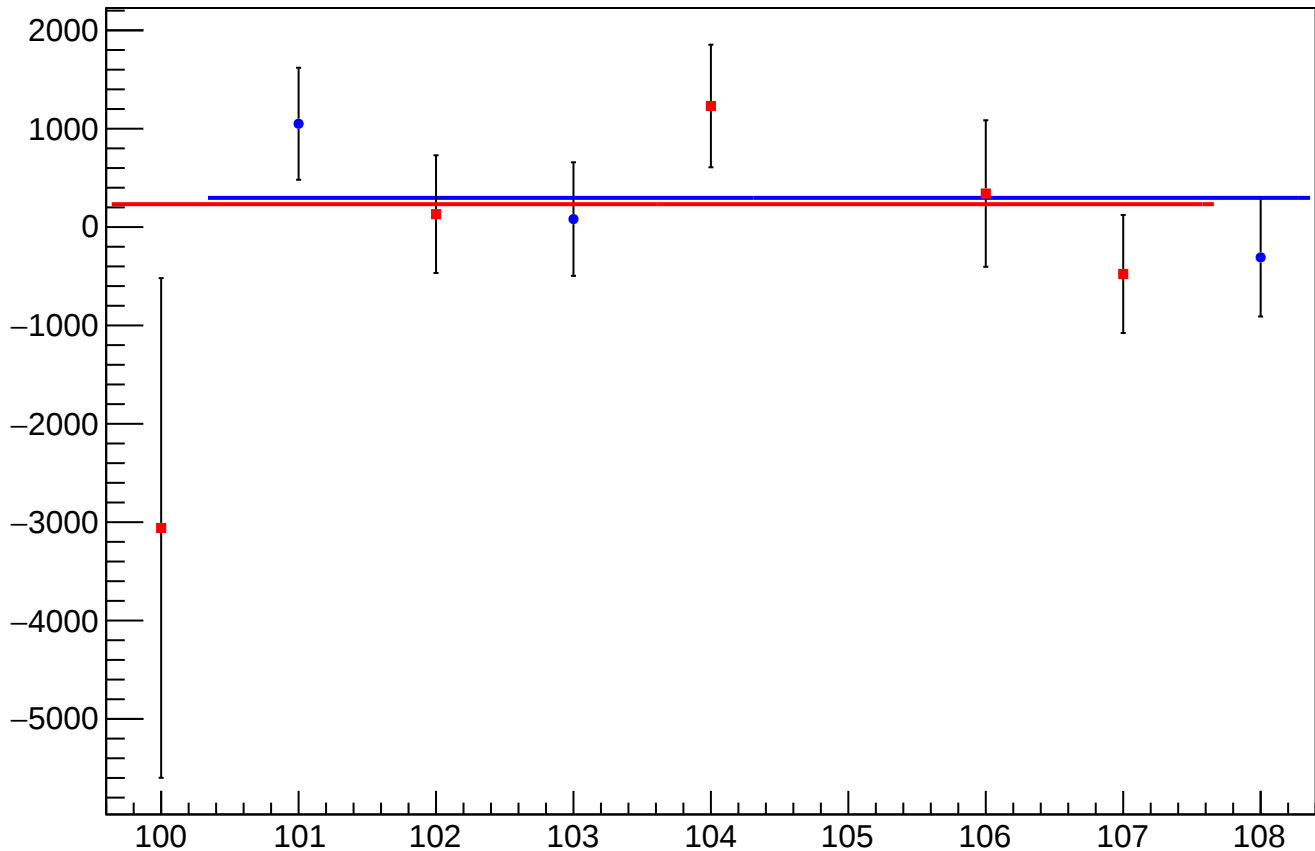
Right: 404.987+/-0.159 χ^2/NDF : 63514.8/7

In: 406.054+/-0.233 χ^2/NDF : 17352.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 404.987+/-0.159 χ^2/NDF : 63514.8/7

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.906+/-336.099 χ^2/NDF : 2.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 232.714+/-314.553 χ^2/NDF : 5.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

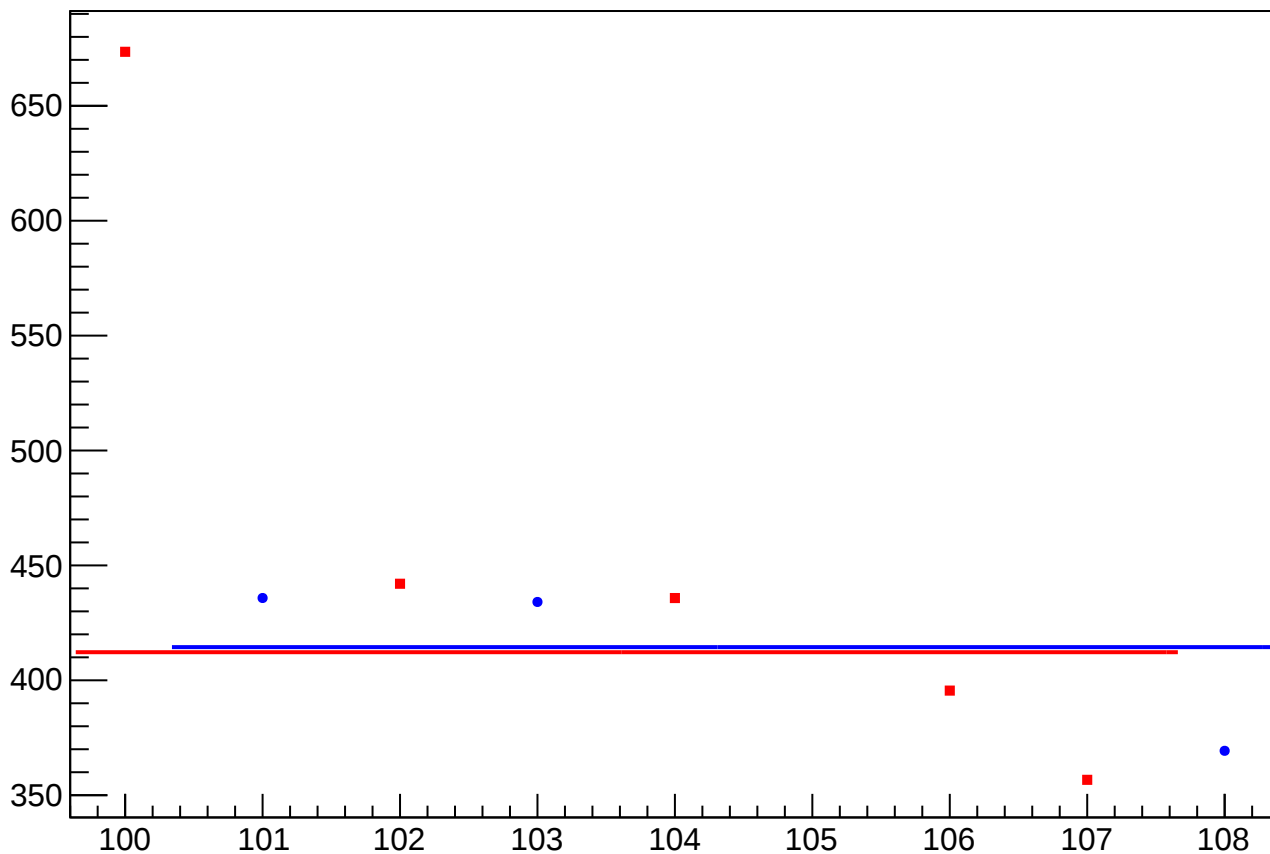
Right: 262.687+/-229.662 χ^2/NDF : 8.6/7

In: 296.906+/-336.099 χ^2/NDF : 2.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 262.687+/-229.662 χ^2/NDF : 8.6/7

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 414.441 $\pm$ 0.238 χ^2 /NDF: 16408.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 412.230 $\pm$ 0.222 χ^2 /NDF: 47142.7/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

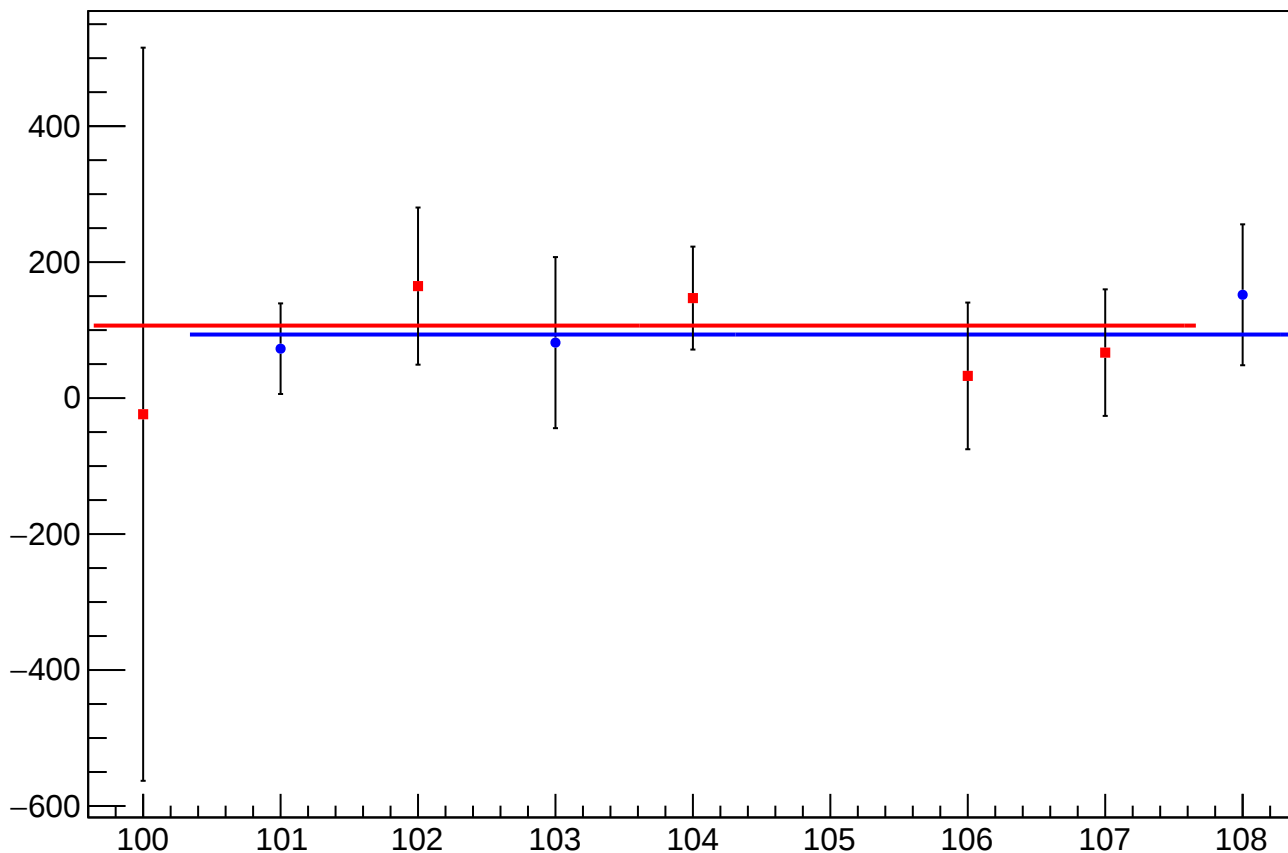
Right: 413.262 $\pm$ 0.162 χ^2 /NDF: 63596.8/7

In: 414.441 $\pm$ 0.238 χ^2 /NDF:16408.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 413.262 $\pm$ 0.162 χ^2 /NDF: 63596.8/7

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 93.480 $\pm$ 51.198 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 106.647 $\pm$ 46.926 χ^2 /NDF: 1.2/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

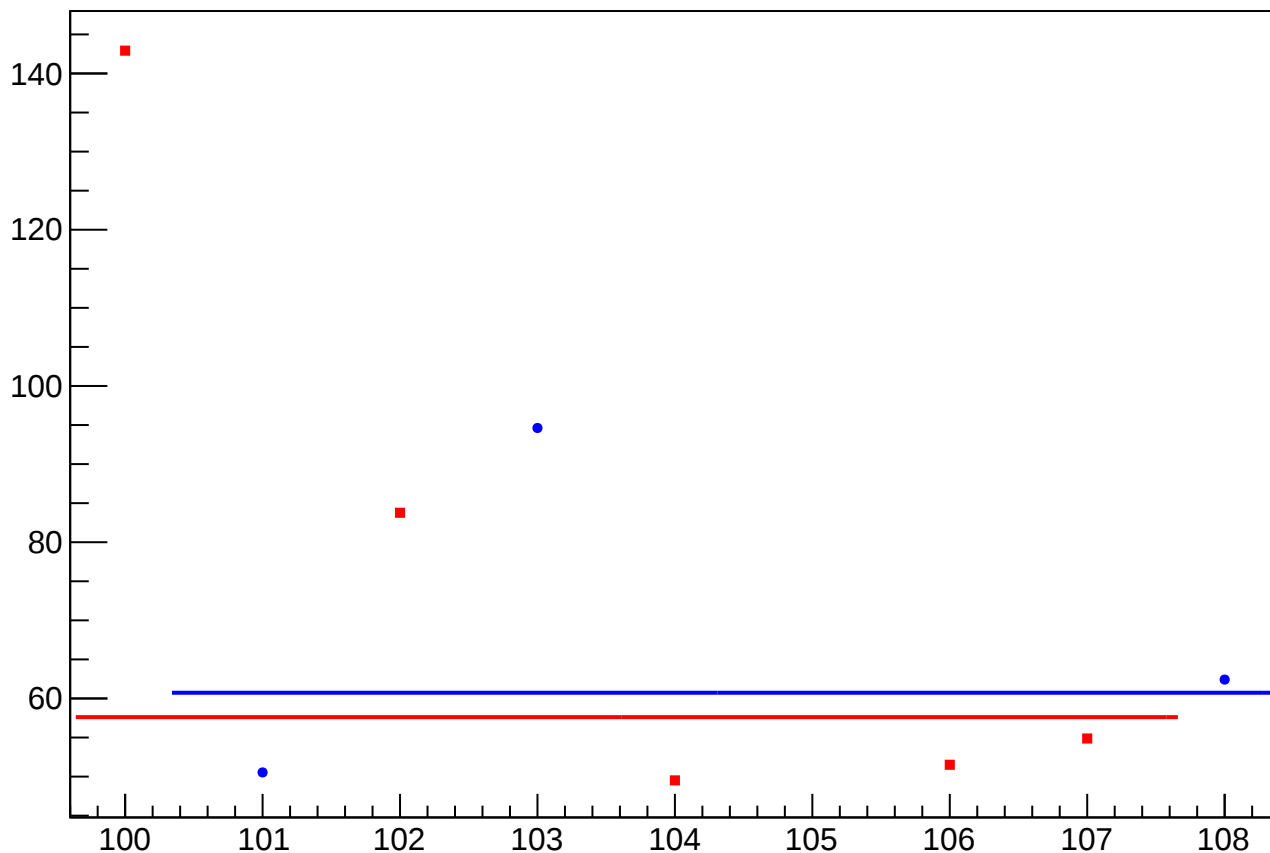
Right: 100.636 $\pm$ 34.594 χ^2 /NDF: 1.7/7

In: 93.480 $\pm$ 51.198 χ^2 /NDF: 0.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.636 $\pm$ 34.594 χ^2 /NDF: 1.7/7

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 60.733+/-0.036 χ^2/NDF : 192469.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.611+/-0.033 χ^2/NDF : 183527.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

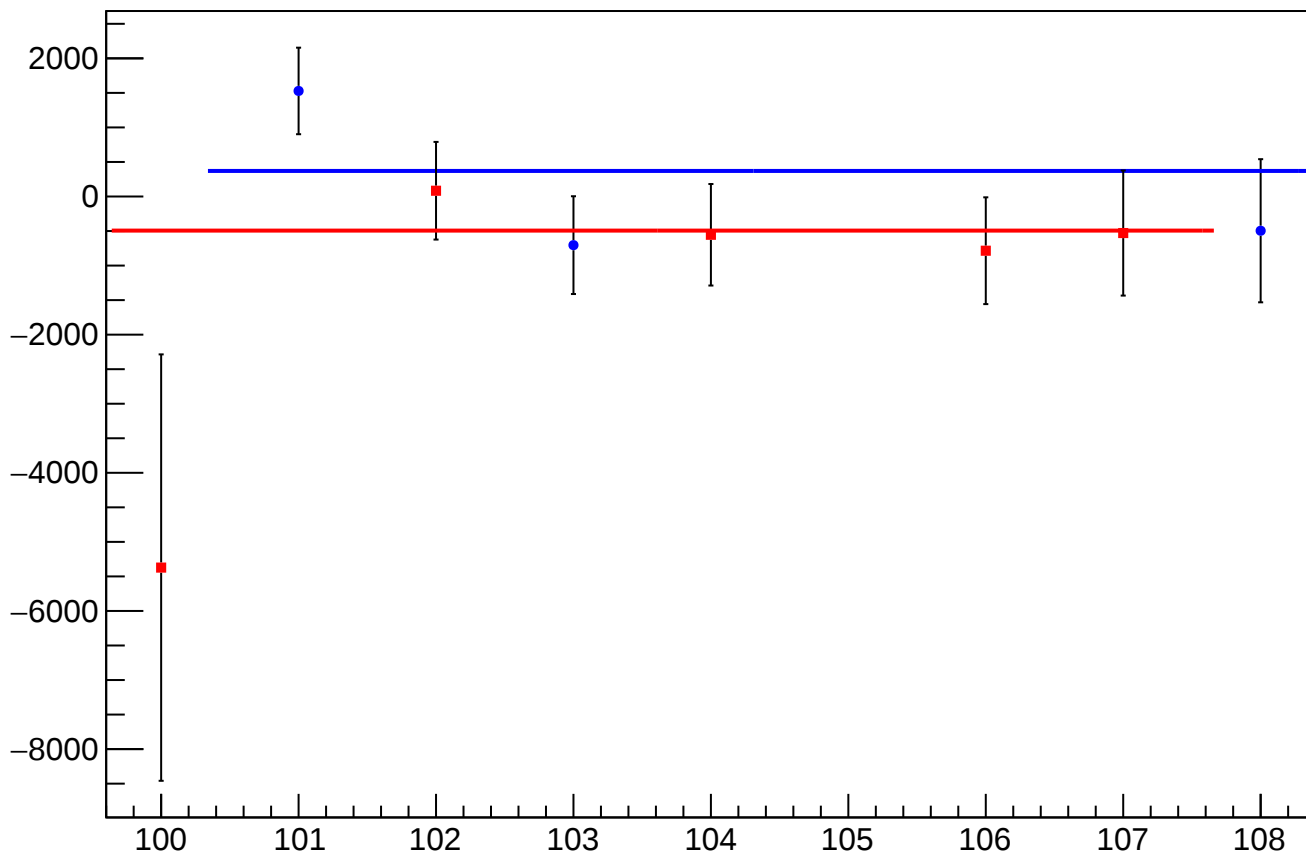
Right: 59.037+/-0.024 χ^2/NDF : 380038.8/7

In: 60.733+/-0.036 χ^2/NDF : 192469.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.037+/-0.024 χ^2/NDF : 380038.8/7

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 370.091+/-427.340 χ^2/NDF : 6.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -493.539+/-382.036 χ^2/NDF : 3.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

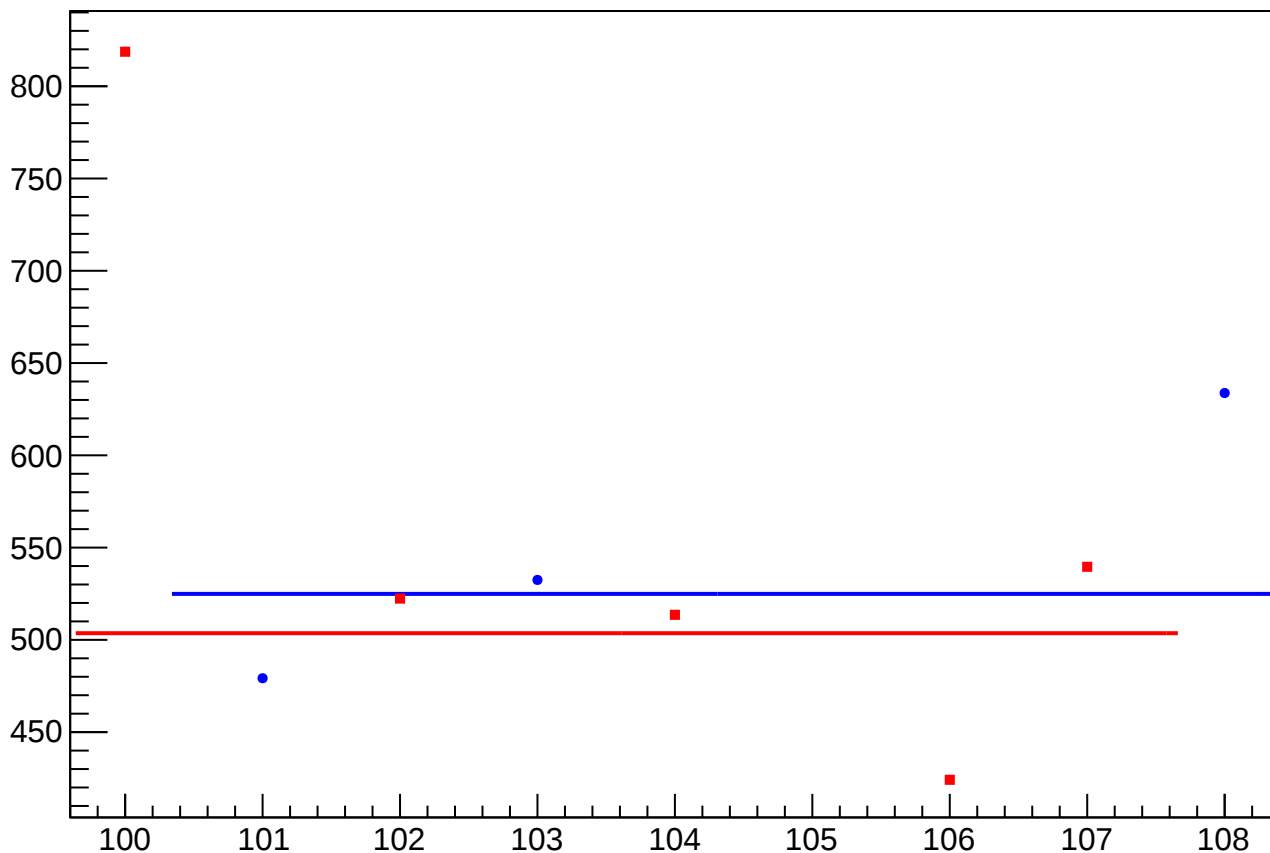
Right: -109.915+/-284.815 χ^2/NDF : 12.0/7

In: 370.091+/-427.340 χ^2/NDF : 6.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -109.915+/-284.815 χ^2/NDF : 12.0/7

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 524.920+/-0.302 χ^2/NDF : 32947.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 503.610+/-0.270 χ^2/NDF : 46903.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

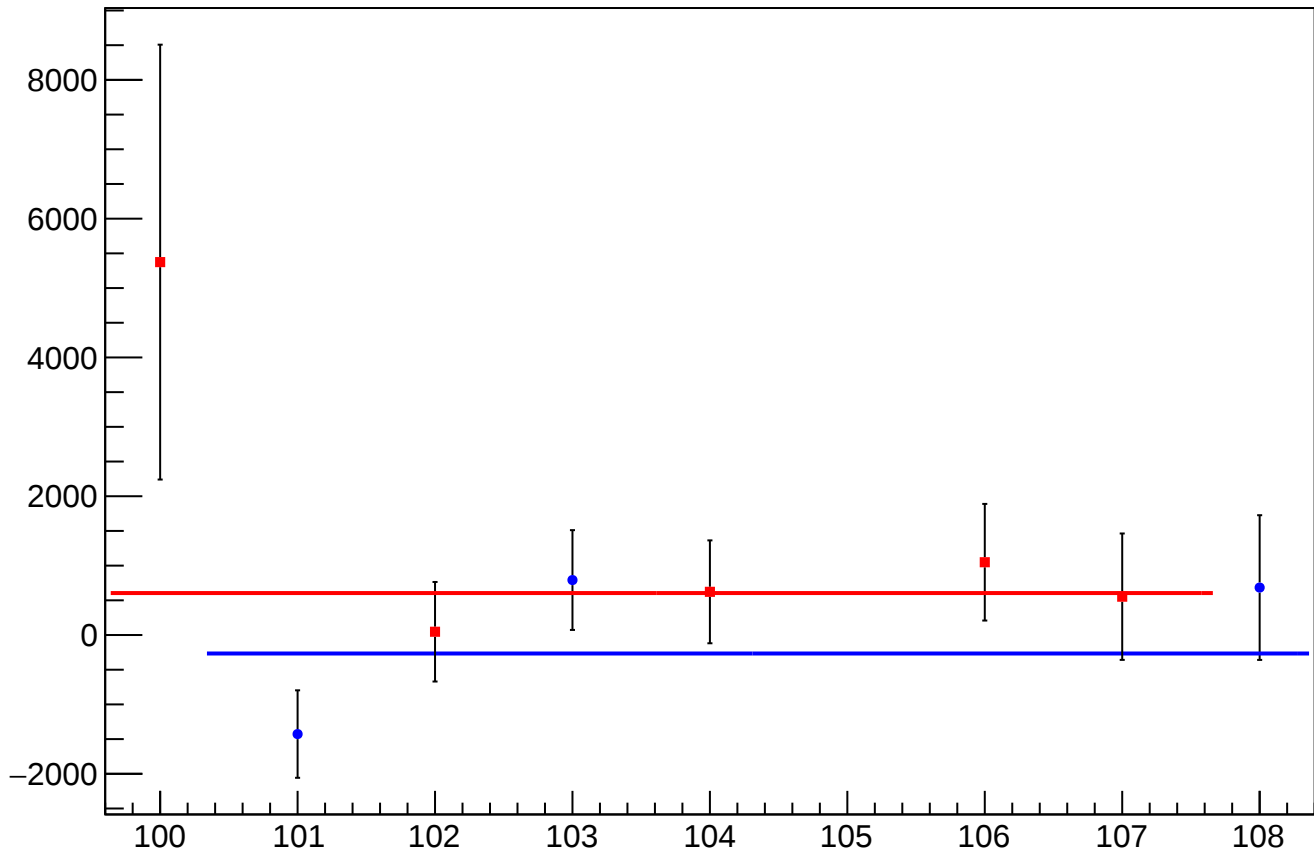
Right: 513.076+/-0.201 χ^2/NDF : 82615.3/7

In: 524.920+/-0.302 χ^2/NDF : 32947.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 513.076+/-0.201 χ^2/NDF : 82615.3/7

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -266.361+/-431.467 χ^2 /NDF: 6.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 604.732+/-392.636 χ^2 /NDF: 3.2/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

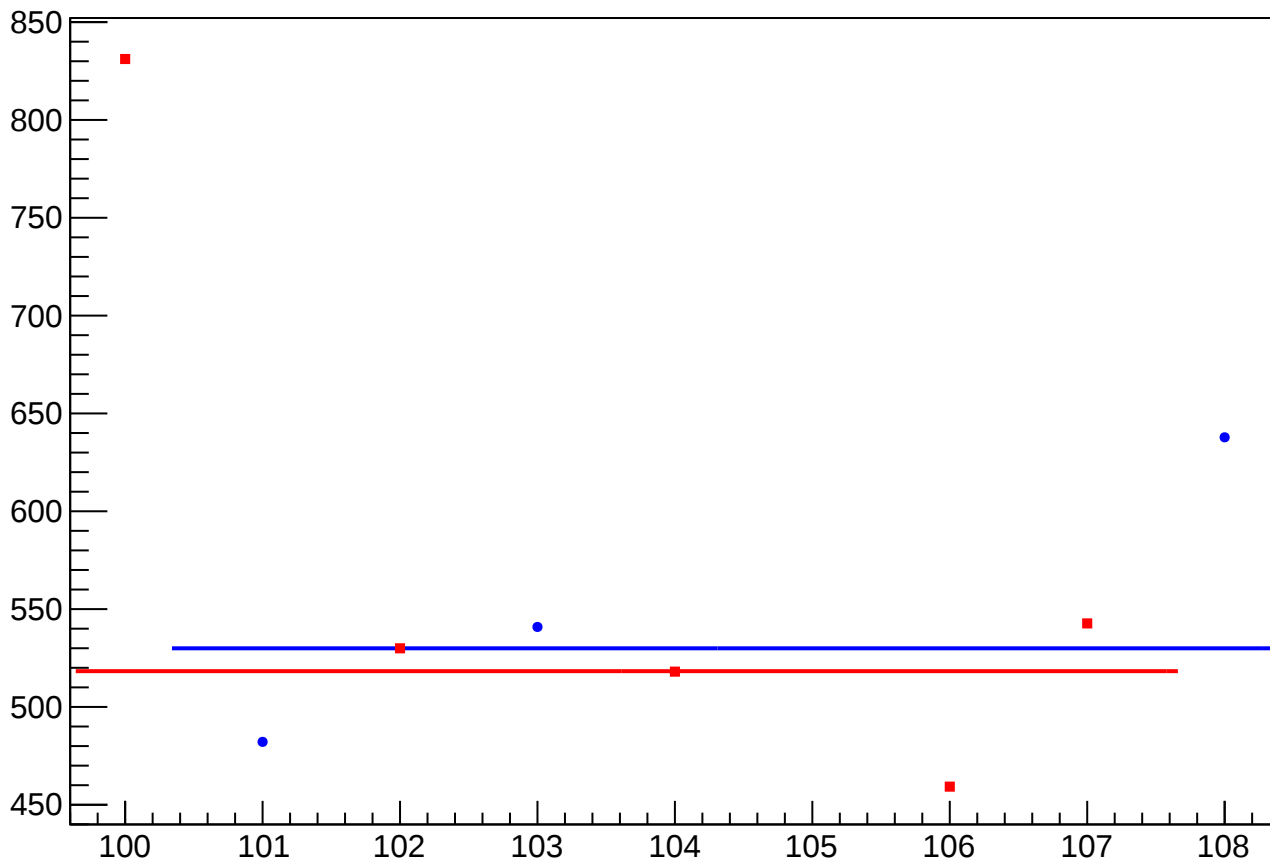
Right: 210.140+/-290.395 χ^2 /NDF: 11.8/7

In: -266.361+/-431.467 χ^2 /NDF:6.4/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 210.140+/-290.395 χ^2 /NDF: 11.8/7

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 529.964 $\pm$ 0.305 χ^2 /NDF: 33363.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 518.284 $\pm$ 0.278 χ^2 /NDF: 31768.5/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

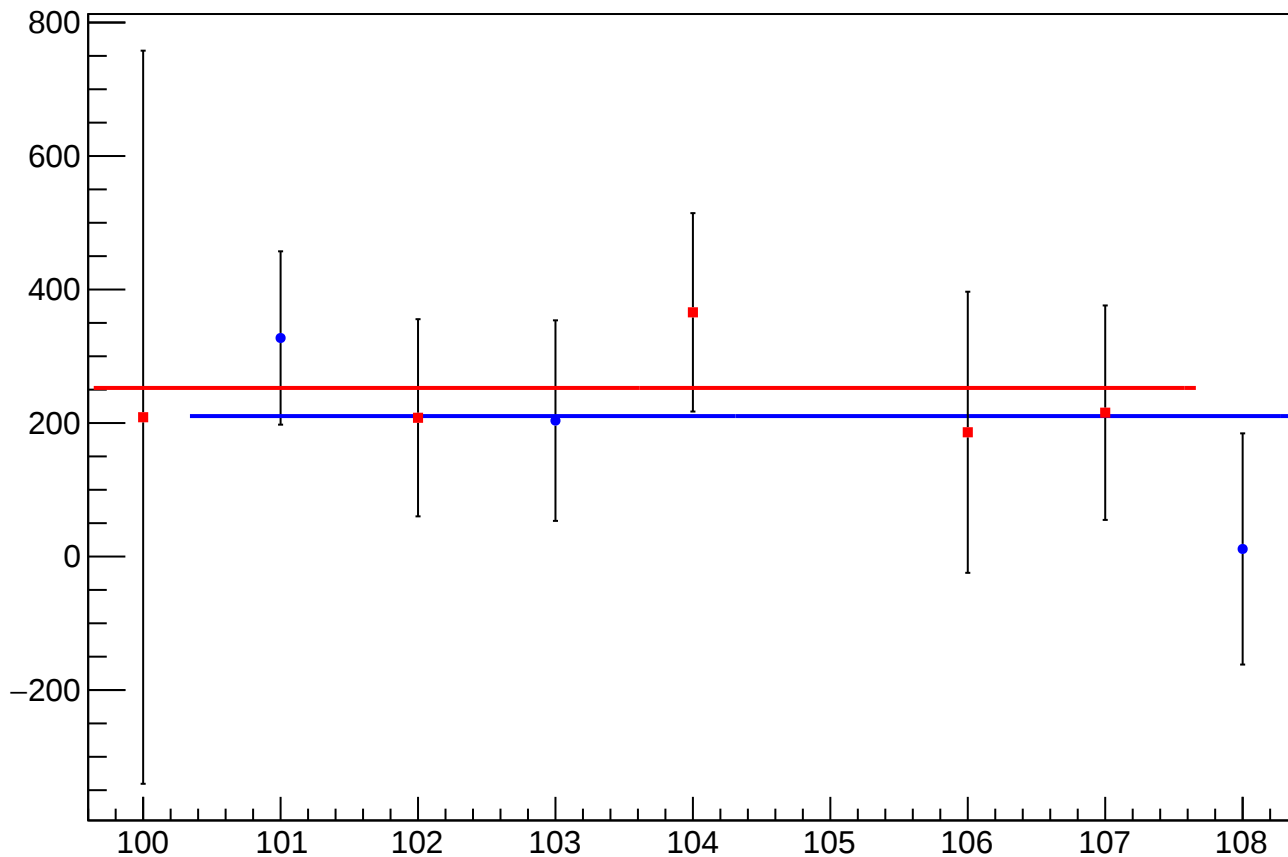
Right: 523.575 $\pm$ 0.205 χ^2 /NDF: 65934.1/7

In: 529.964 $\pm$ 0.305 χ^2 /NDF:33363.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 523.575 $\pm$ 0.205 χ^2 /NDF: 65934.1/7

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 210.424 $\pm$ 85.443 χ^2 /NDF: 2.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 252.577 $\pm$ 80.129 χ^2 /NDF: 0.8/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

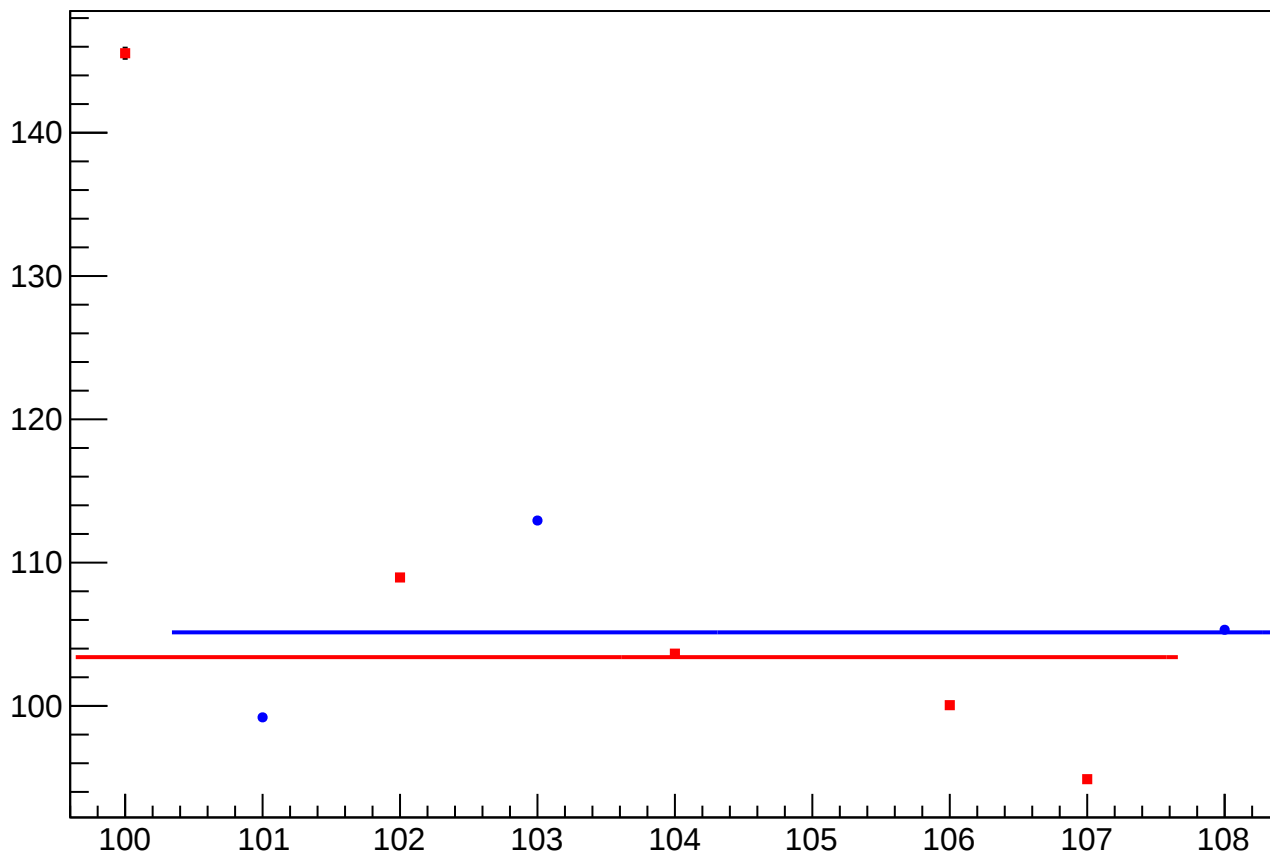
Right: 232.852 $\pm$ 58.448 χ^2 /NDF: 3.1/7

In: 210.424 $\pm$ 85.443 χ^2 /NDF: 2.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 232.852 $\pm$ 58.448 χ^2 /NDF: 3.1/7

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 105.134+/-0.060 χ^2/NDF : 9574.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.405+/-0.057 χ^2/NDF : 20746.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

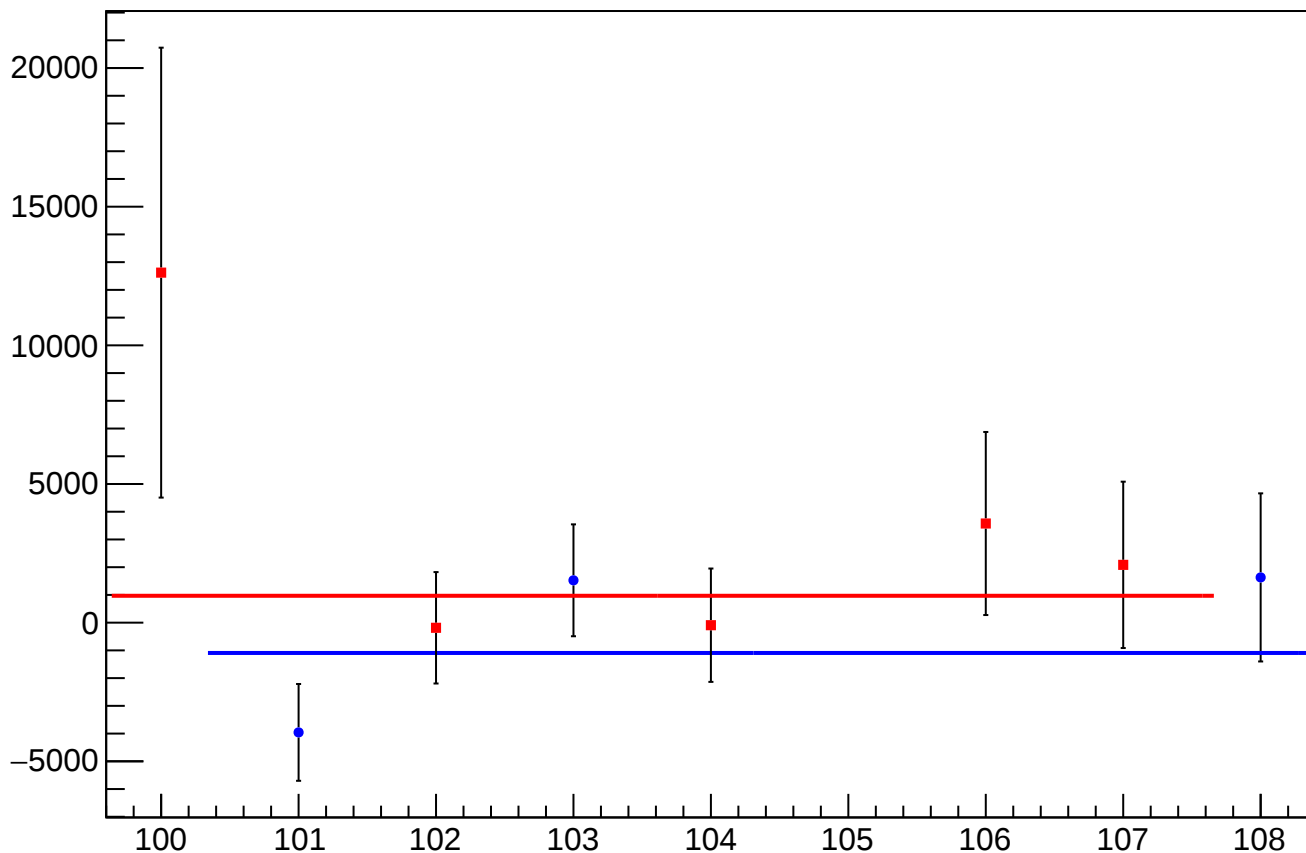
Right: 104.214+/-0.041 χ^2/NDF : 30757.4/7

In: 105.134+/-0.060 χ^2/NDF : 9574.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.214+/-0.041 χ^2/NDF : 30757.4/7

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -1092.817+/-1210.206 χ^2/NDF : 5.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 969.303+/-1190.672 χ^2/NDF : 3.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

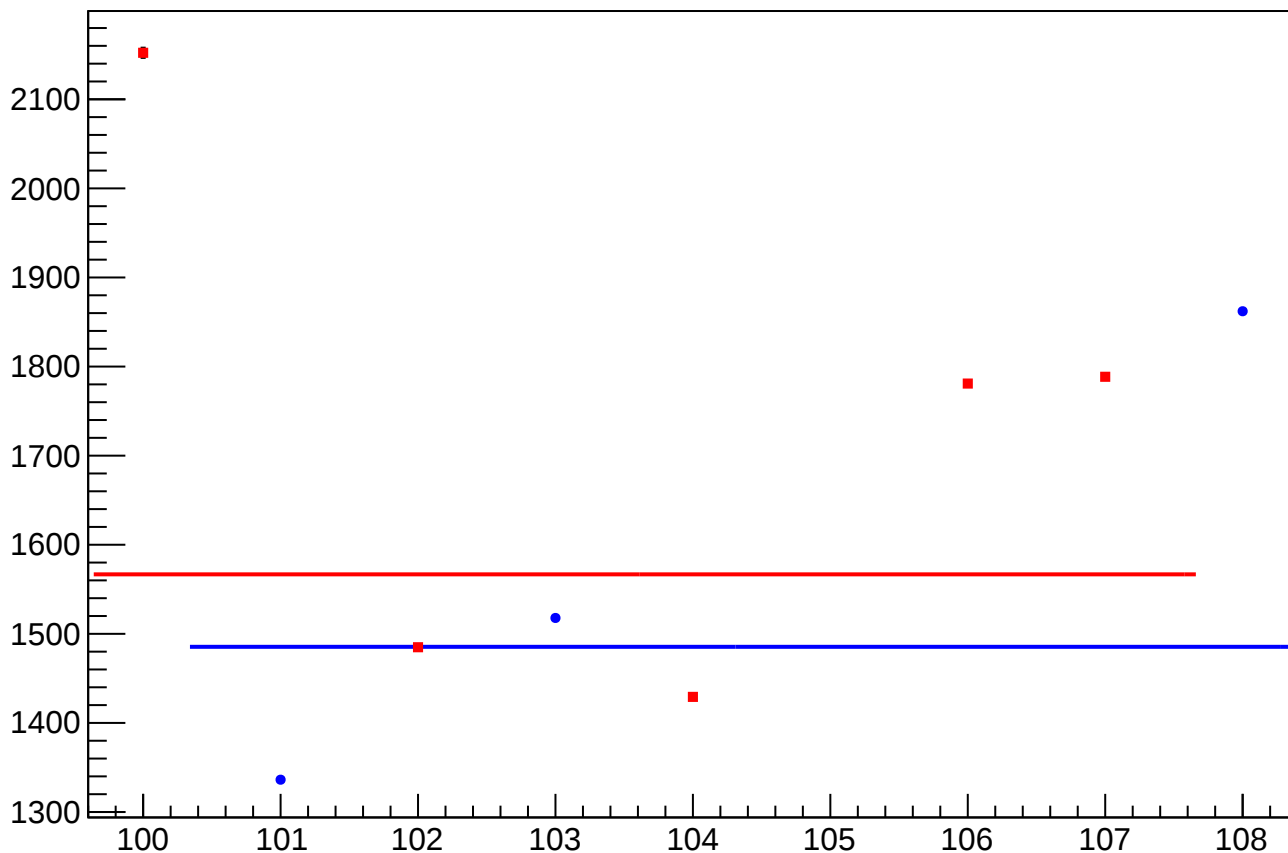
Right: -44.980+/-848.754 χ^2/NDF : 10.1/7

In: -1092.817+/-1210.206 χ^2/NDF : 5.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.980+/-848.754 χ^2/NDF : 10.1/7

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1485.429+/-0.856 χ^2/NDF : 46006.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1566.771+/-0.842 χ^2/NDF : 42145.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

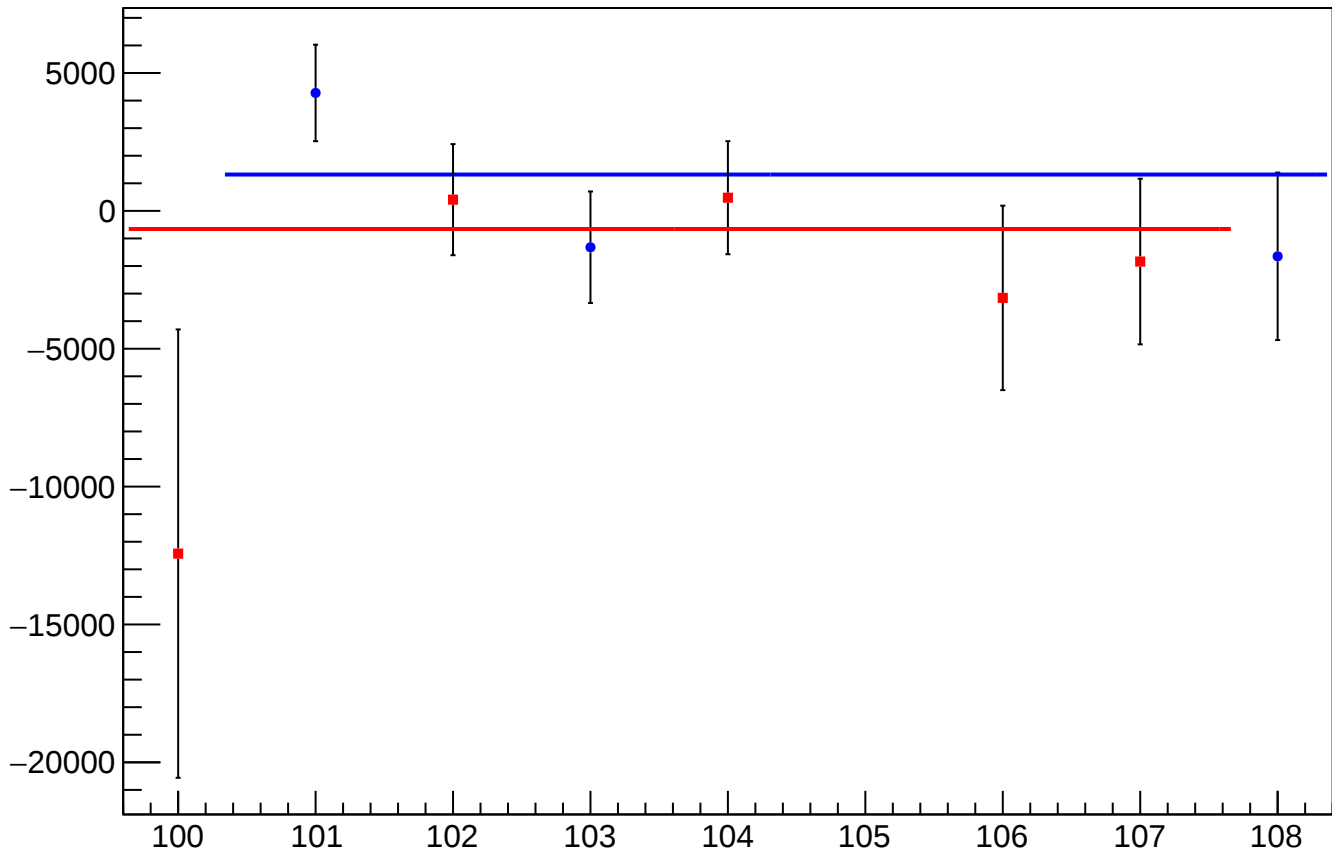
Right: 1526.762+/-0.600 χ^2/NDF : 92743.3/7

In: 1485.429+/-0.856 χ^2/NDF : 46006.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1526.762+/-0.600 χ^2/NDF : 92743.3/7

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1317.965 $\pm$ 1213.398 χ^2 /NDF: 5.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -656.893 $\pm$ 1195.275 χ^2 /NDF: 3.4/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

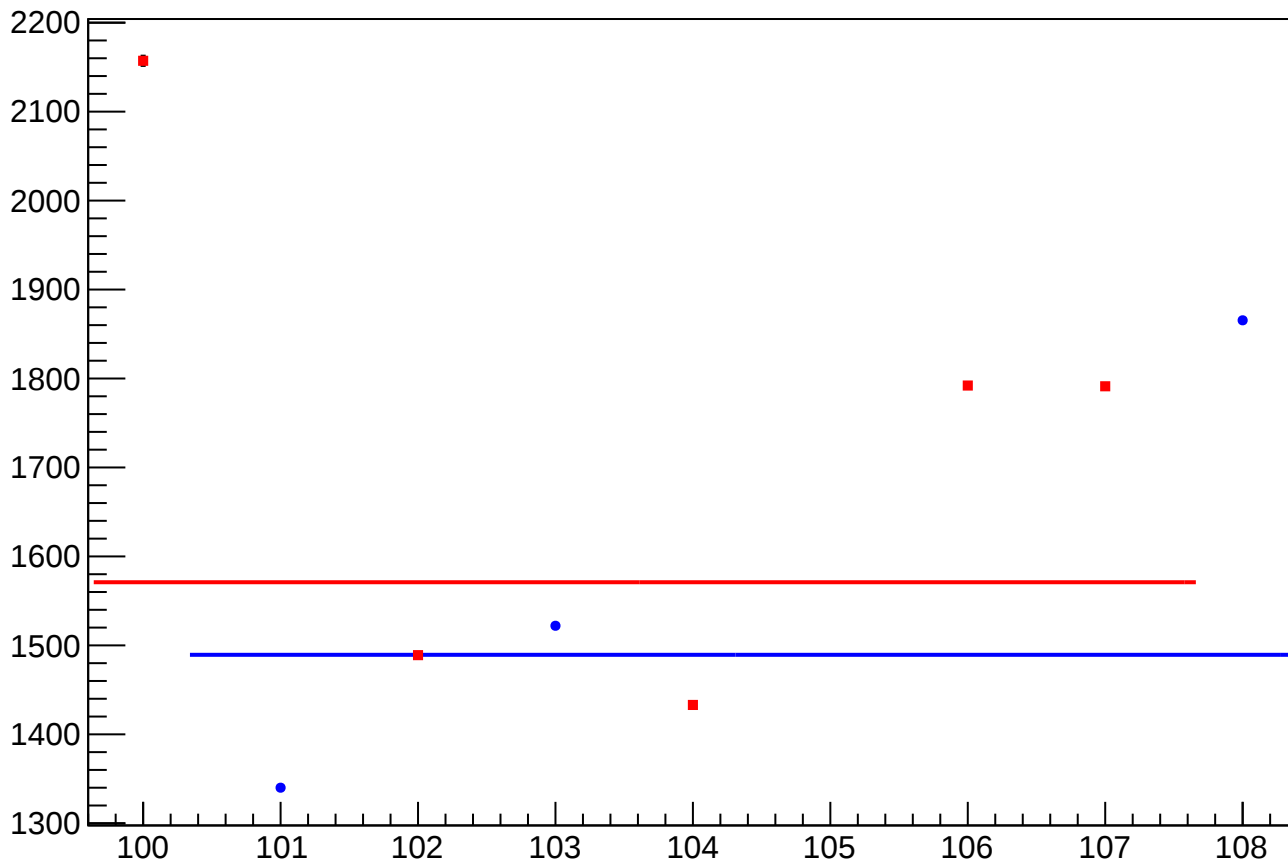
Right: 315.678 $\pm$ 851.522 χ^2 /NDF: 10.3/7

In: 1317.965 $\pm$ 1213.398 χ^2 /NDF: 5.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 315.678 $\pm$ 851.522 χ^2 /NDF: 10.3/7

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1489.405+/-0.858 χ^2/NDF : 45758.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1570.980+/-0.845 χ^2/NDF : 42264.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

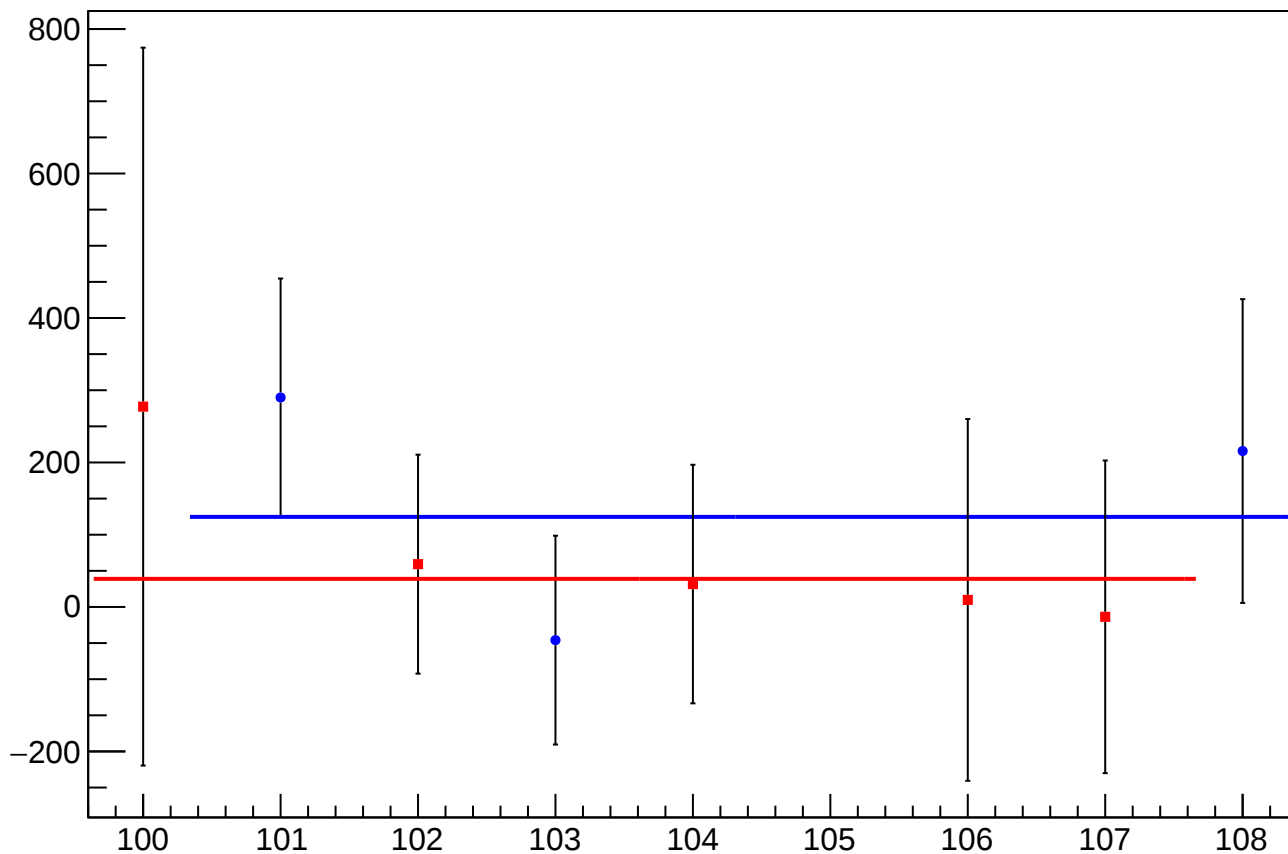
Right: 1530.806+/-0.602 χ^2/NDF : 92610.2/7

In: 1489.405+/-0.858 χ^2/NDF : 45758.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1530.806+/-0.602 χ^2/NDF : 92610.2/7

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 124.677 $\pm$ 96.496 χ^2 /NDF: 2.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 38.902 $\pm$ 90.694 χ^2 /NDF: 0.3/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

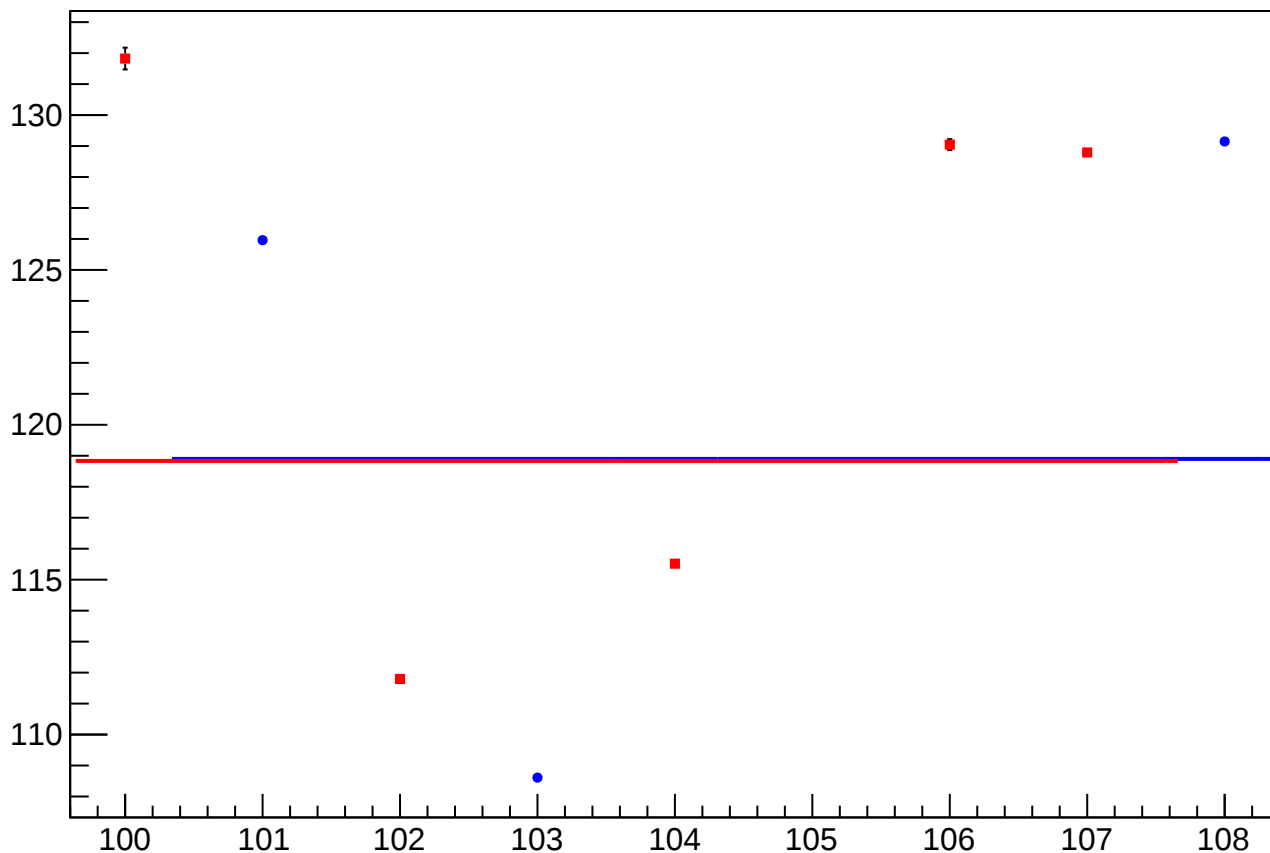
Right: 79.134 $\pm$ 66.086 χ^2 /NDF: 3.3/7

In: 124.677 $\pm$ 96.496 χ^2 /NDF:2.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 79.134 $\pm$ 66.086 χ^2 /NDF: 3.3/7

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 118.899 $\pm$ 0.068 χ^2 /NDF: 18569.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 118.834 $\pm$ 0.064 χ^2 /NDF: 14051.8/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

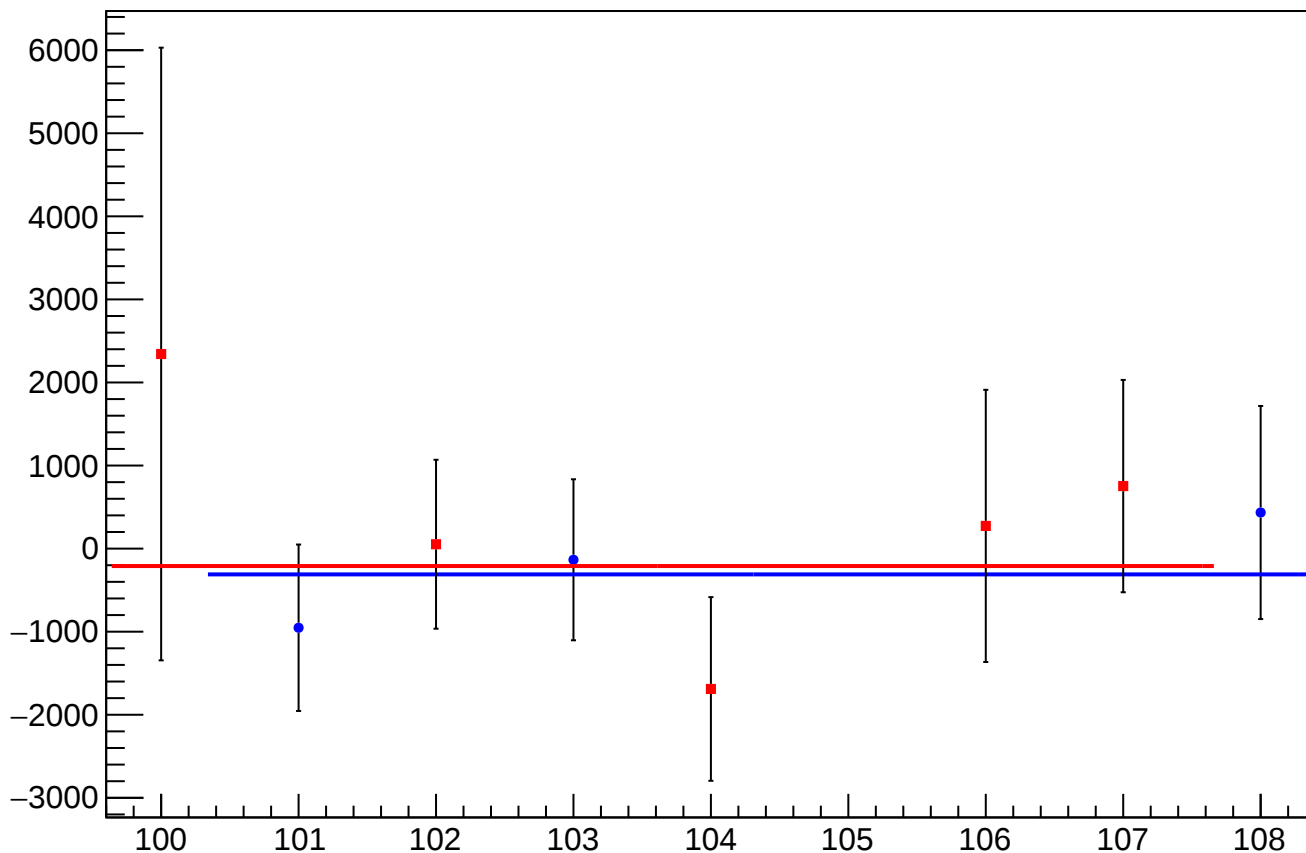
Right: 118.864 $\pm$ 0.047 χ^2 /NDF: 32622.0/7

In: 118.899 $\pm$ 0.068 χ^2 /NDF:18569.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 118.864 $\pm$ 0.047 χ^2 /NDF: 32622.0/7

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -310.283+/-612.108 χ^2/NDF : 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -209.770+/-592.996 χ^2/NDF : 3.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

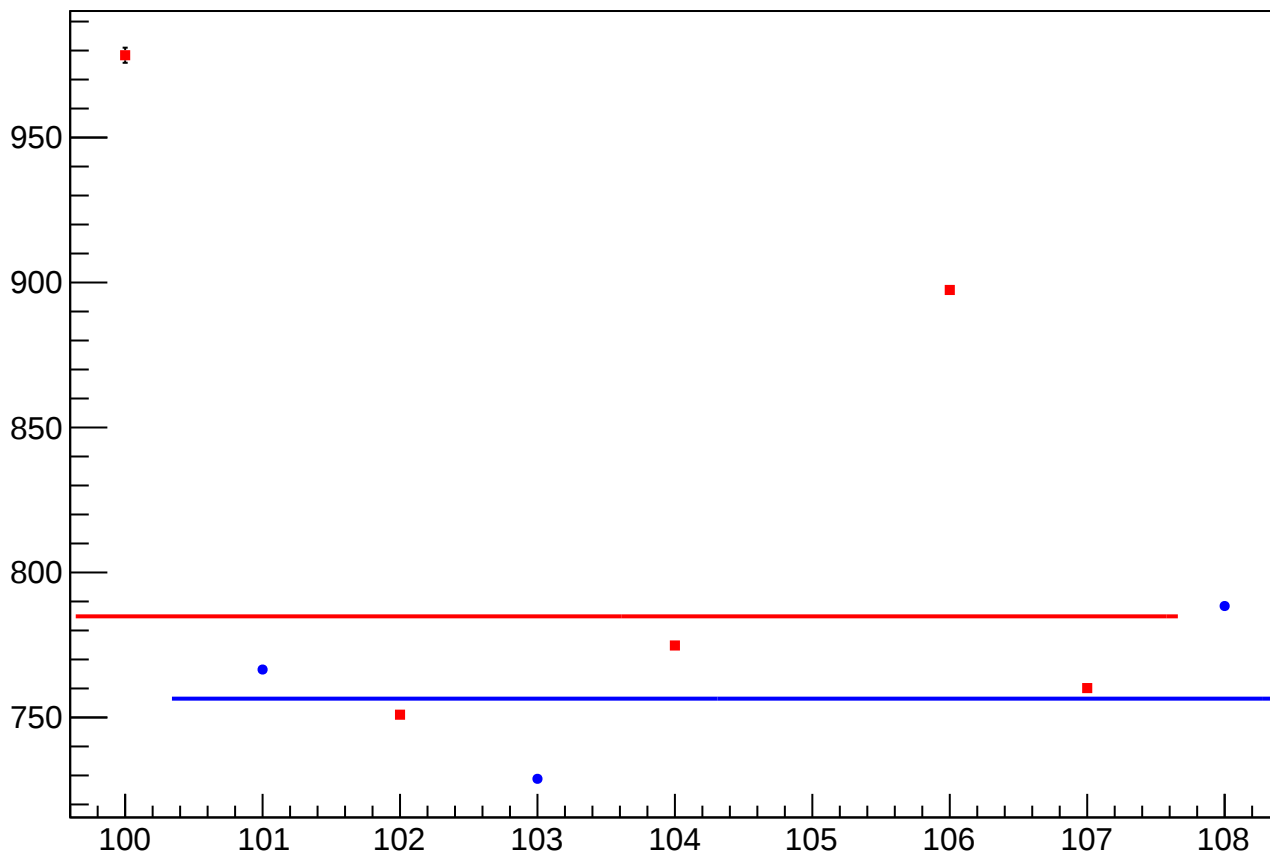
Right: -258.433+/-425.908 χ^2/NDF : 3.8/7

In: -310.283+/-612.108 χ^2/NDF : 0.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -258.433+/-425.908 χ^2/NDF : 3.8/7

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 756.488 $\pm$ 0.433 χ^2 /NDF: 3068.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 784.871 $\pm$ 0.419 χ^2 /NDF: 18088.2/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

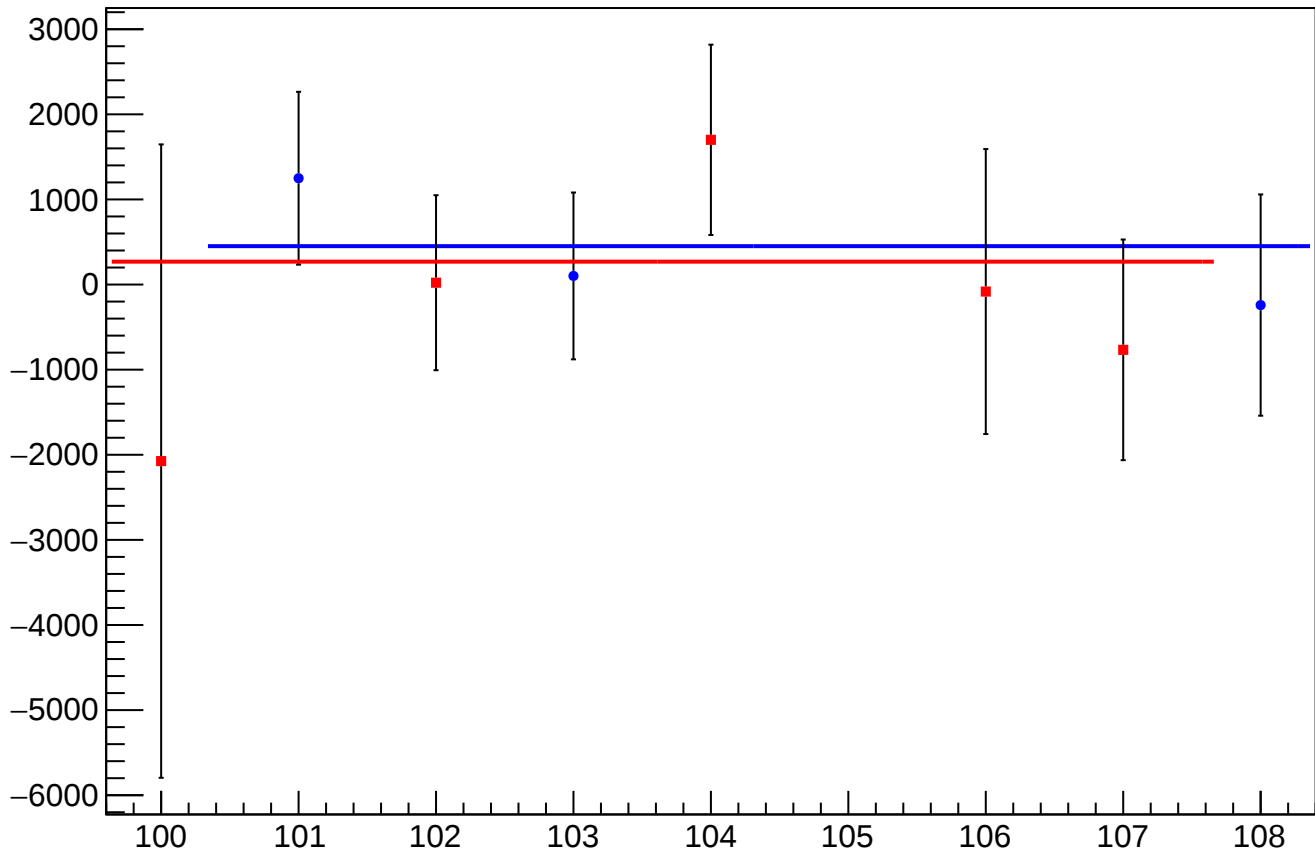
Right: 771.130 $\pm$ 0.301 χ^2 /NDF: 23375.5/7

In: 756.488 $\pm$ 0.433 χ^2 /NDF:3068.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 771.130 $\pm$ 0.301 χ^2 /NDF: 23375.5/7

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 451.194+/-619.838 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 268.978+/-600.857 χ^2/NDF : 2.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

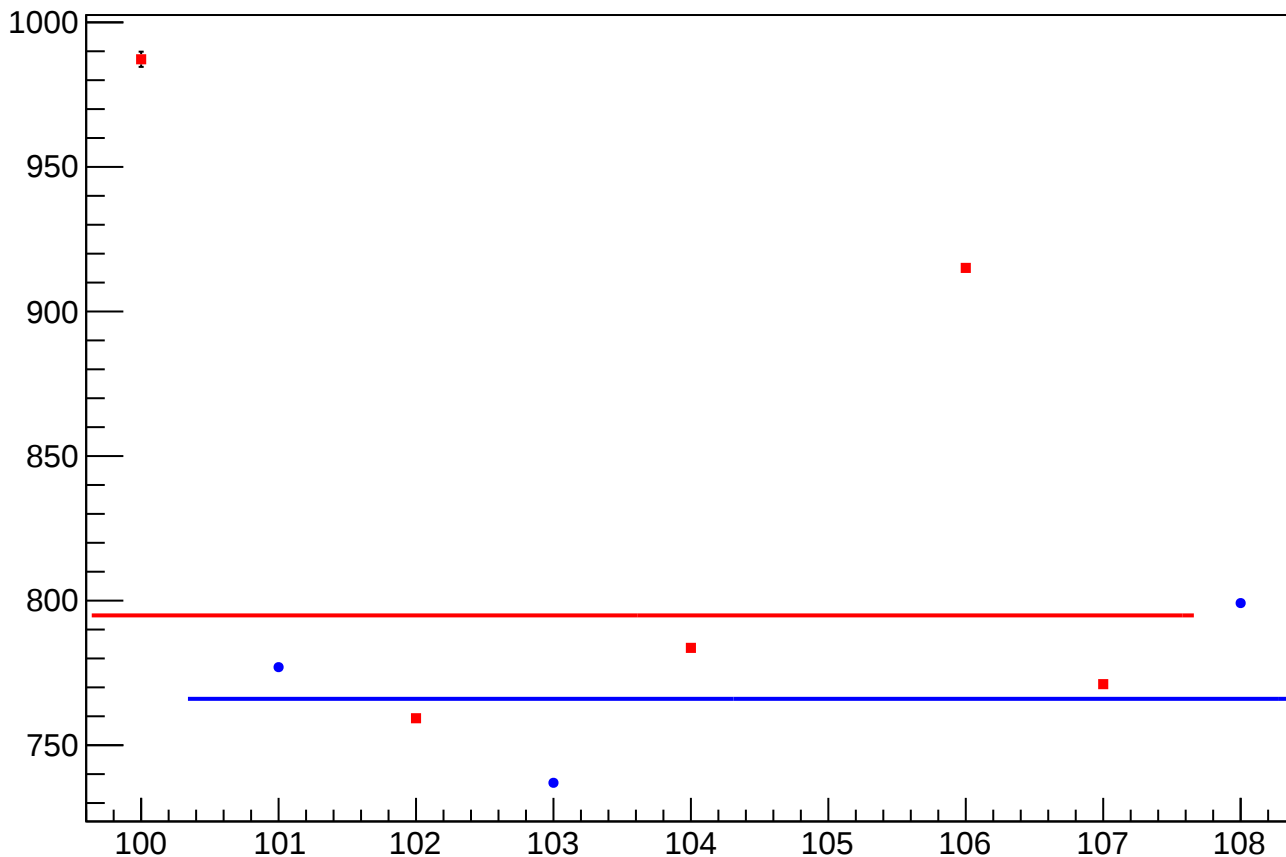
Right: 357.254+/-431.424 χ^2/NDF : 3.8/7

In: 451.194+/-619.838 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 357.254+/-431.424 χ^2/NDF : 3.8/7

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 766.034+/-0.438 χ^2/NDF : 3286.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 794.890+/-0.425 χ^2/NDF : 18918.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

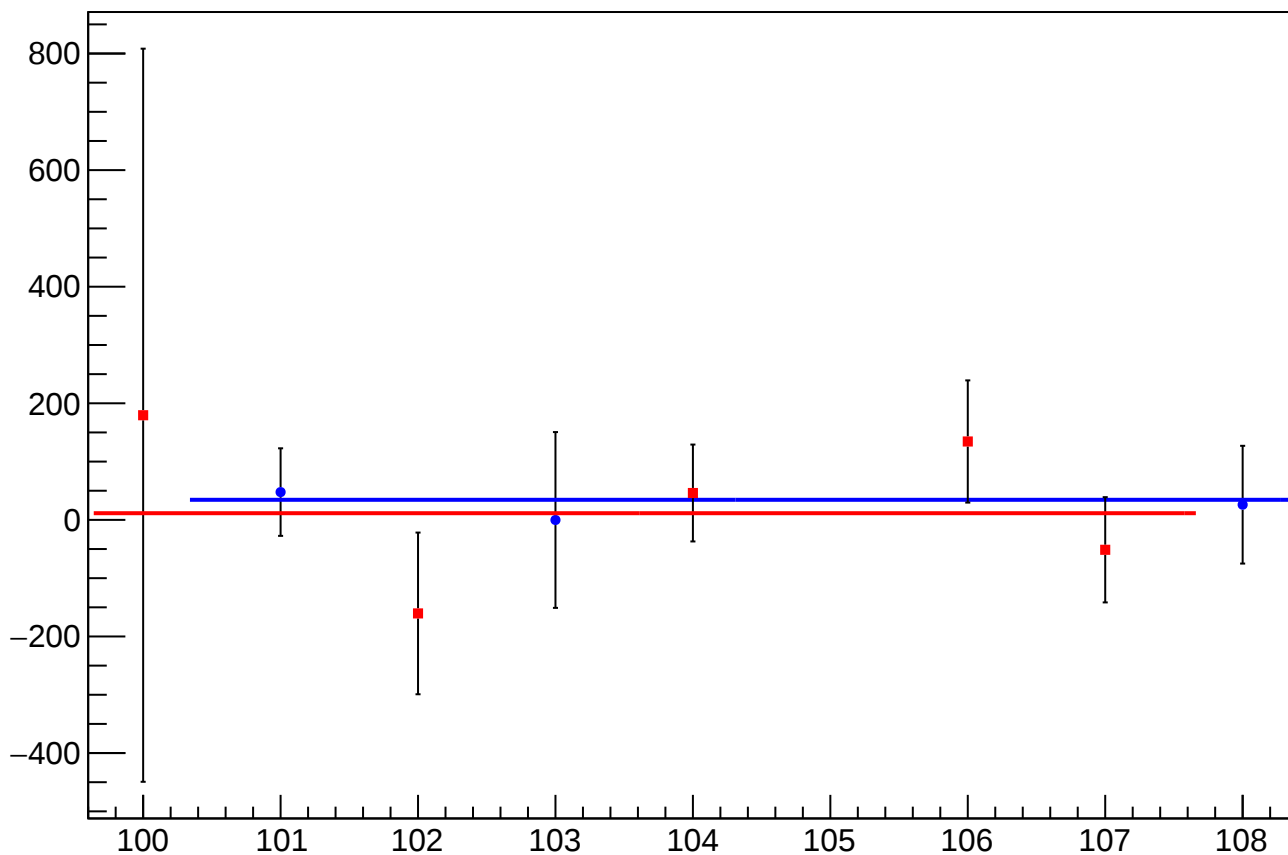
Right: 780.910+/-0.305 χ^2/NDF : 24439.6/7

In: 766.034+/-0.438 χ^2/NDF : 3286.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 780.910+/-0.305 χ^2/NDF : 24439.6/7

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 34.448 $\pm$ 55.966 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.456 $\pm$ 49.204 χ^2 /NDF: 3.6/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

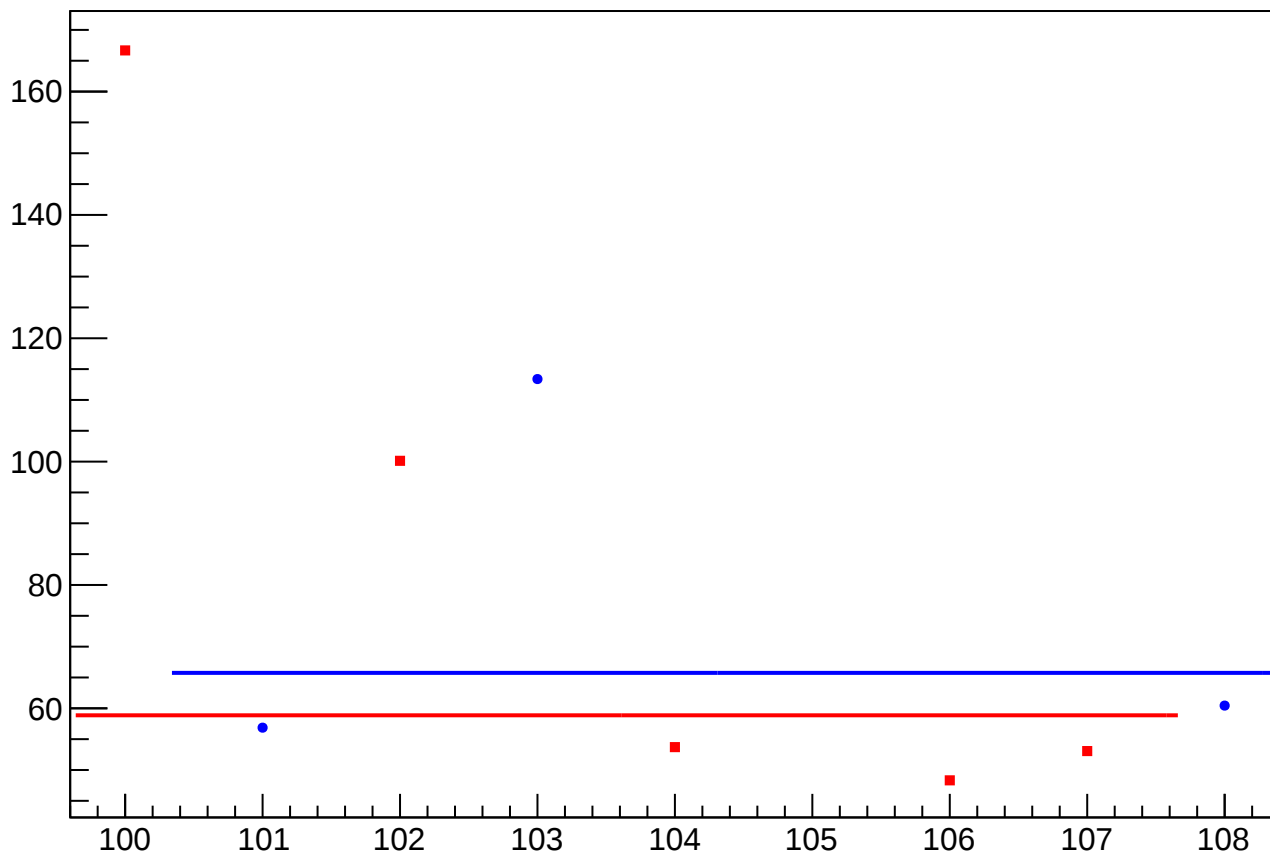
Right: 21.480 $\pm$ 36.953 χ^2 /NDF: 3.8/7

In: 34.448 $\pm$ 55.966 χ^2 /NDF: 0.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.480 $\pm$ 36.953 χ^2 /NDF: 3.8/7

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 65.748 $\pm$ 0.040 χ^2 /NDF: 233144.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 58.867 $\pm$ 0.035 χ^2 /NDF: 272063.8/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

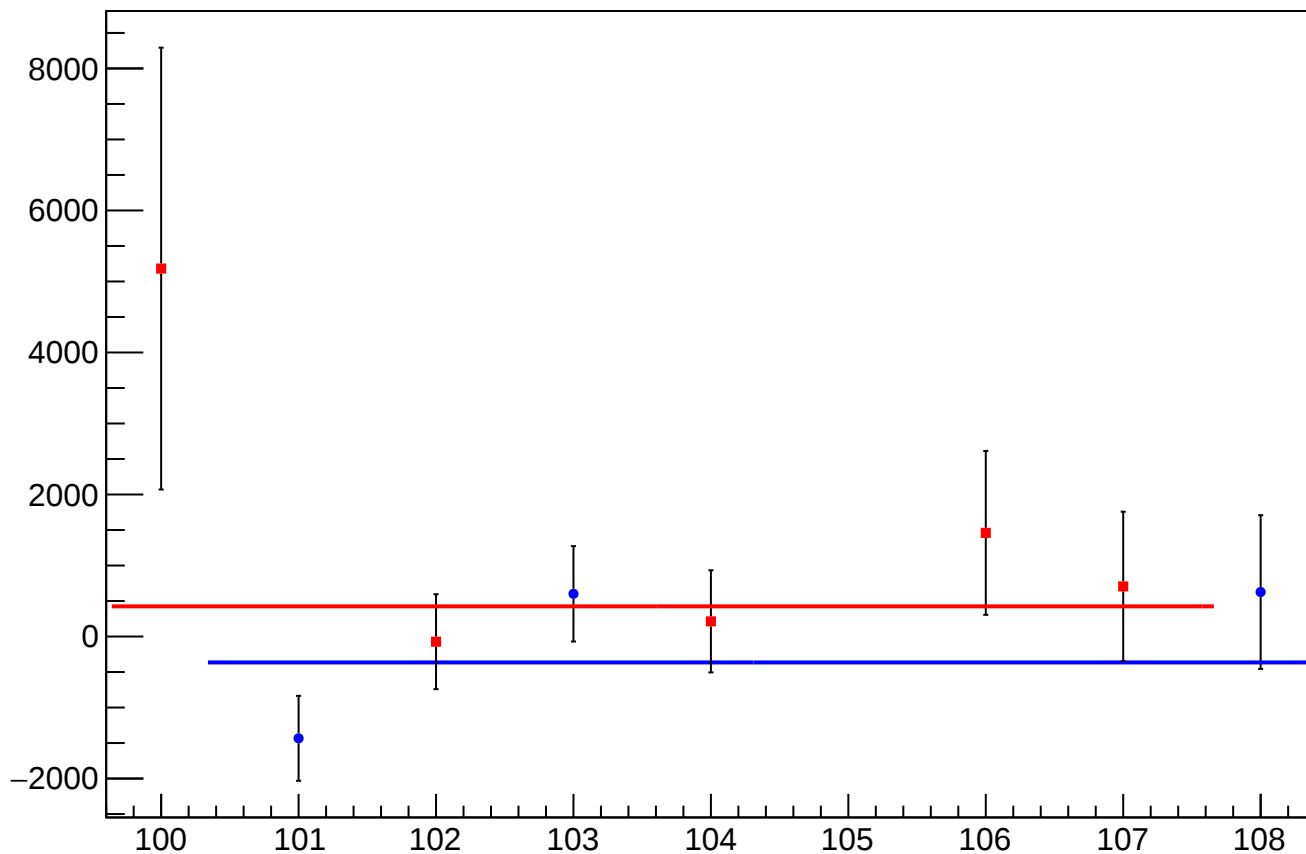
Right: 61.867 $\pm$ 0.026 χ^2 /NDF: 522259.3/7

In: 65.748 $\pm$ 0.040 χ^2 /NDF:233144.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 61.867 $\pm$ 0.026 χ^2 /NDF: 522259.3/7

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -364.986+/-412.886 χ^2/NDF : 6.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 424.862+/-410.725 χ^2/NDF : 3.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

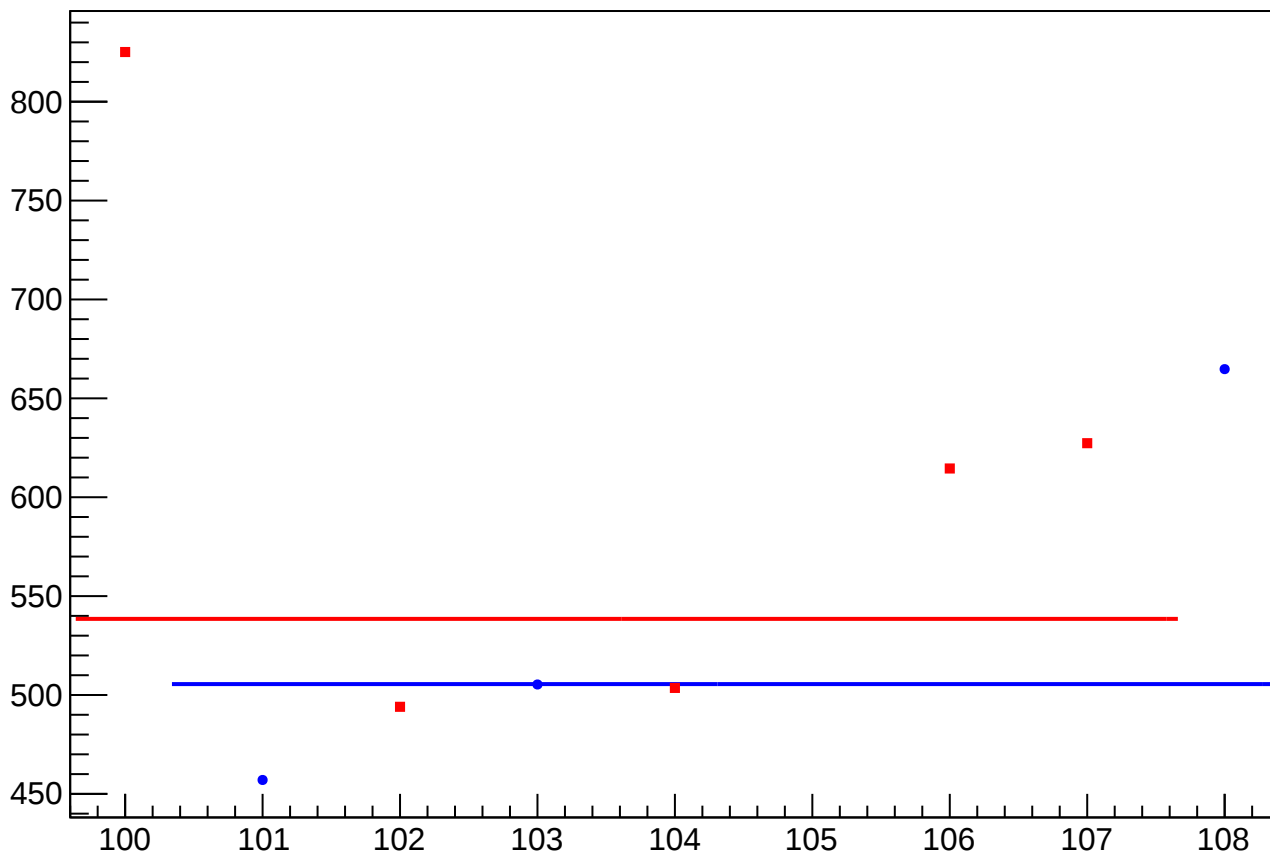
Right: 32.011+/-291.188 χ^2/NDF : 11.8/7

In: -364.986+/-412.886 χ^2/NDF : 6.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.011+/-291.188 χ^2/NDF : 11.8/7

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 505.516+/-0.292 χ^2/NDF : 56453.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 538.491+/-0.290 χ^2/NDF : 53470.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

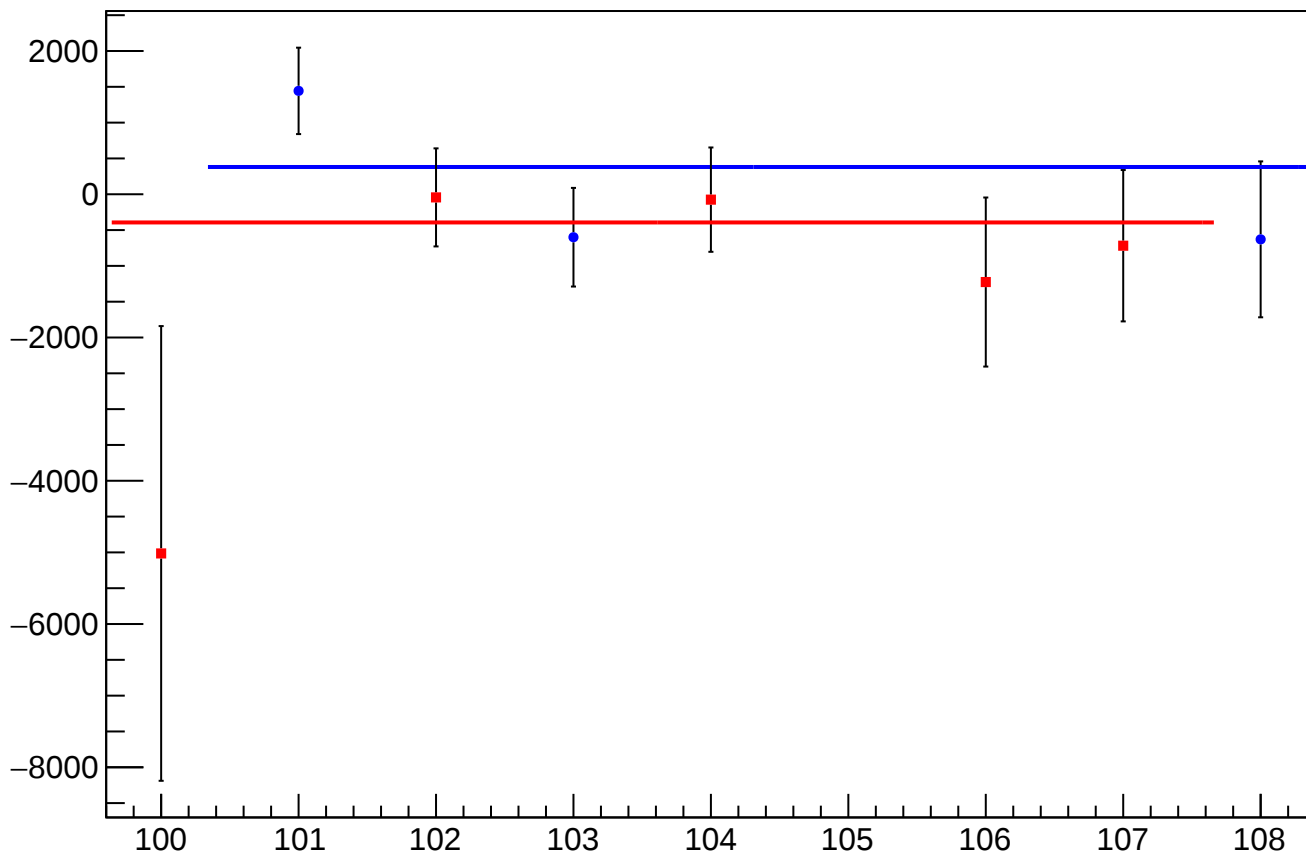
Right: 522.090+/-0.206 χ^2/NDF : 116335.5/7

In: 505.516+/-0.292 χ^2/NDF : 56453.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.090+/-0.206 χ^2/NDF : 116335.5/7

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 380.628+/-418.796 χ^2/NDF : 6.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -393.627+/-417.638 χ^2/NDF : 3.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

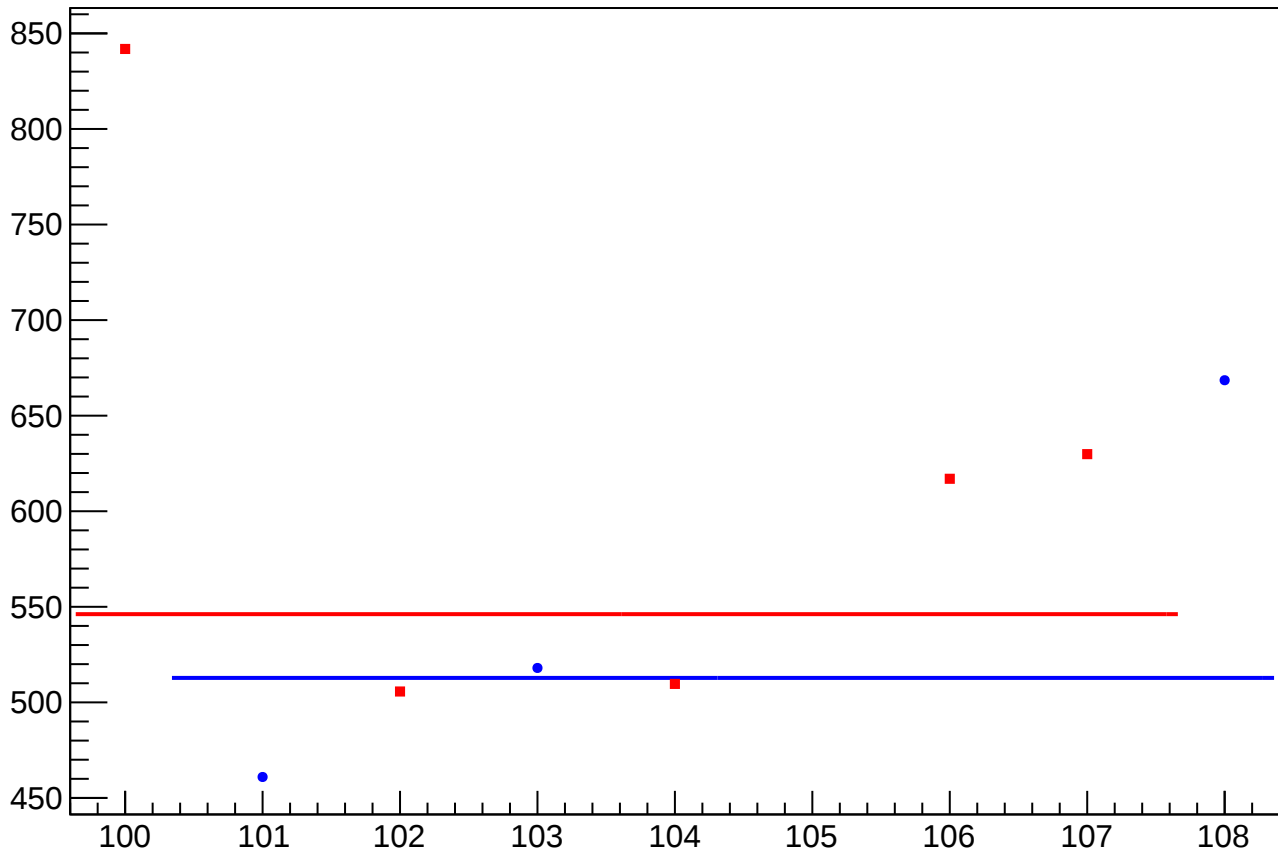
Right: -7.571+/-295.723 χ^2/NDF : 10.9/7

In: 380.628+/-418.796 χ^2/NDF : 6.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.571+/-295.723 χ^2/NDF : 10.9/7

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 512.802 $\pm$ 0.296 χ^2 /NDF: 55838.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 546.156 $\pm$ 0.295 χ^2 /NDF: 49131.7/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

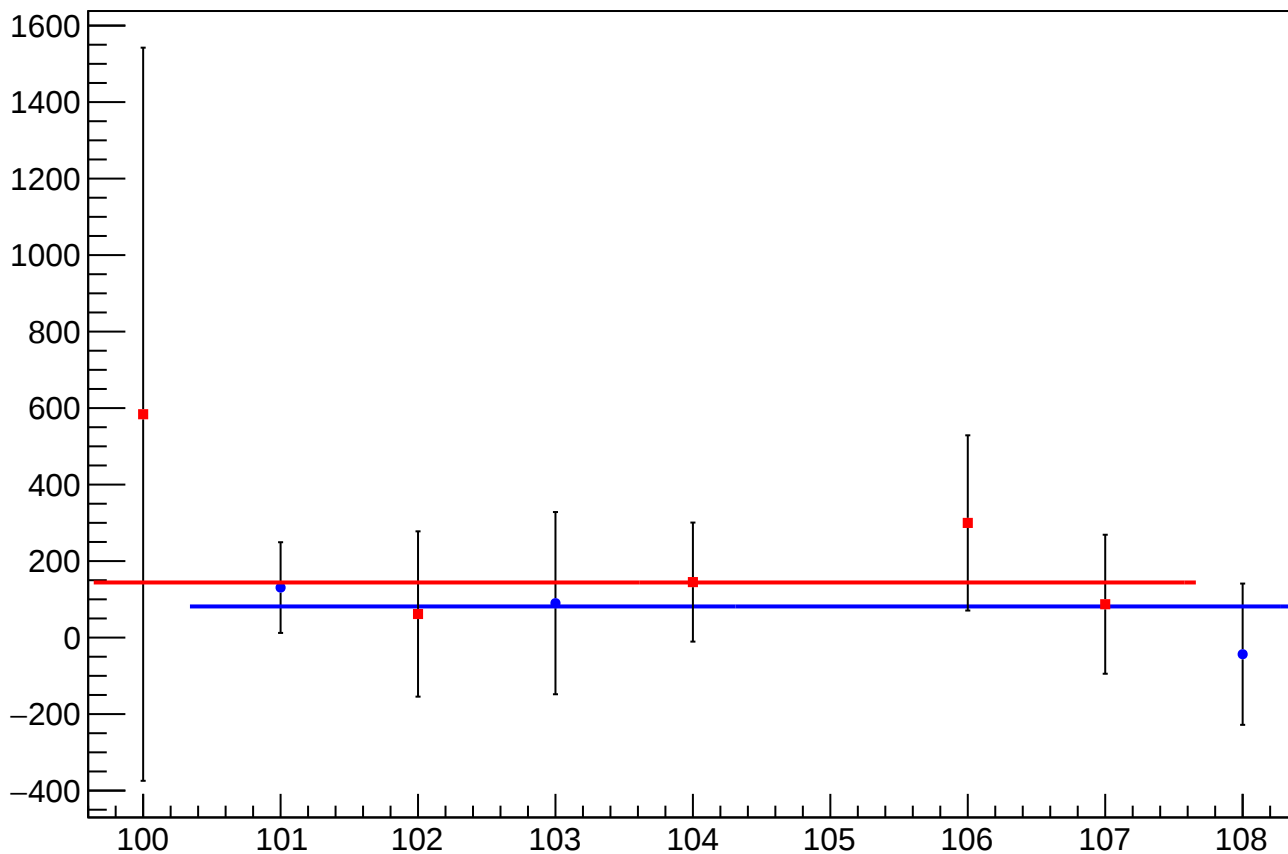
Right: 529.525 $\pm$ 0.209 χ^2 /NDF: 111330.8/7

In: 512.802 $\pm$ 0.296 χ^2 /NDF:55838.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 529.525 $\pm$ 0.209 χ^2 /NDF: 111330.8/7

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 81.422+/-92.021 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.092+/-94.015 χ^2/NDF : 0.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

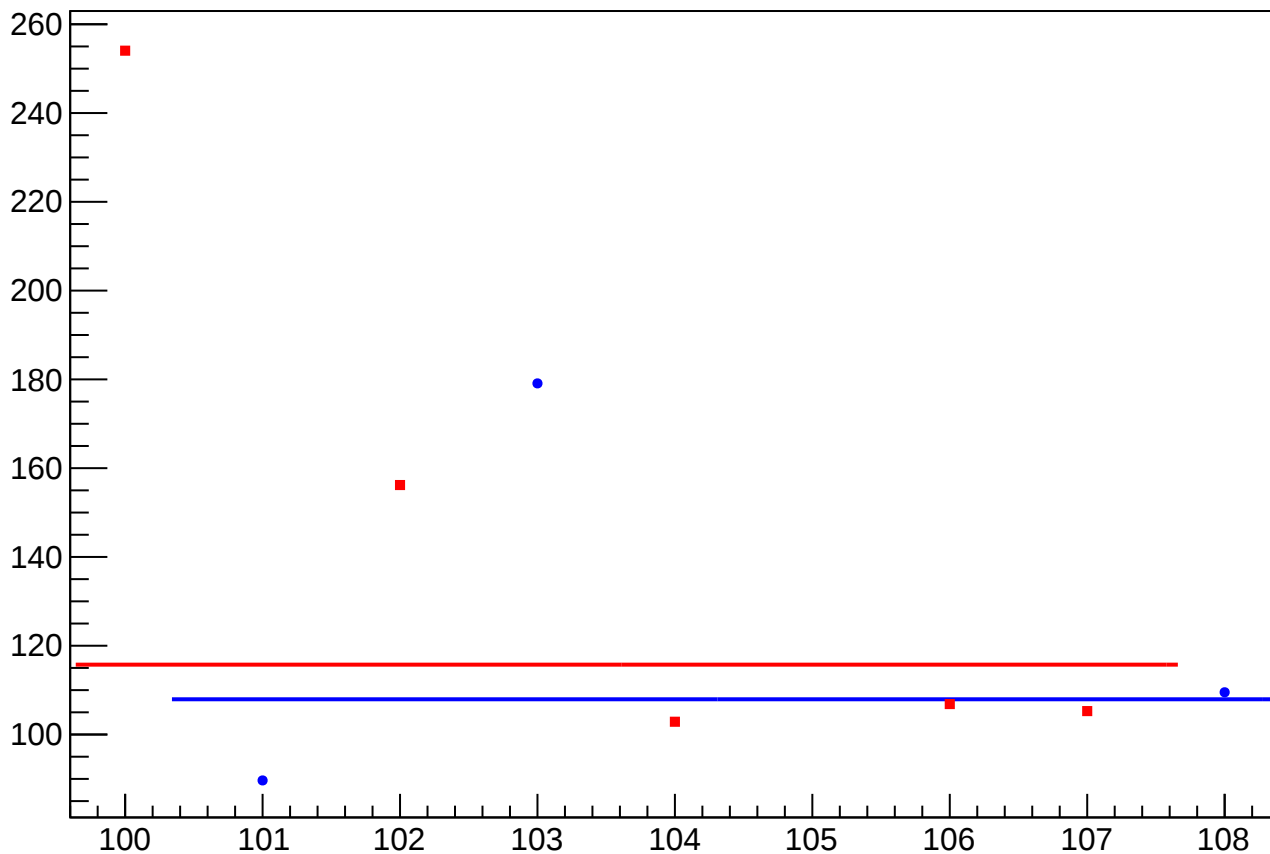
Right: 112.085+/-65.762 χ^2/NDF : 1.8/7

In: 81.422+/-92.021 χ^2/NDF : 0.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.085+/-65.762 χ^2/NDF : 1.8/7

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.937 $\pm$ 0.065 χ^2 /NDF: 226195.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 115.737 $\pm$ 0.066 χ^2 /NDF: 135056.7/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

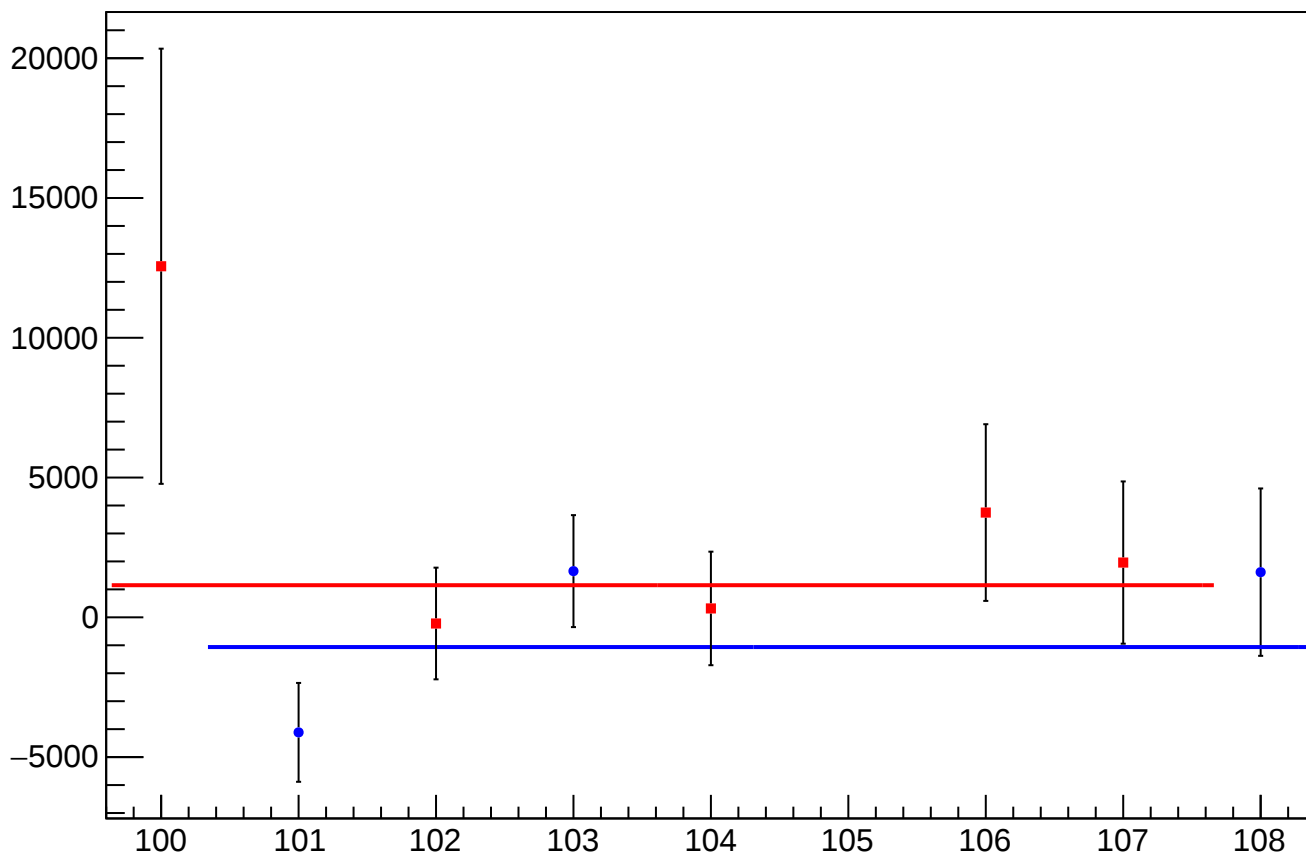
Right: 111.754 $\pm$ 0.047 χ^2 /NDF: 368283.0/7

In: 107.937 $\pm$ 0.065 χ^2 /NDF:226195.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 111.754 $\pm$ 0.047 χ^2 /NDF: 368283.0/7

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -1063.162+/-1212.016 χ^2/NDF : 5.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1149.009+/-1171.616 χ^2/NDF : 3.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

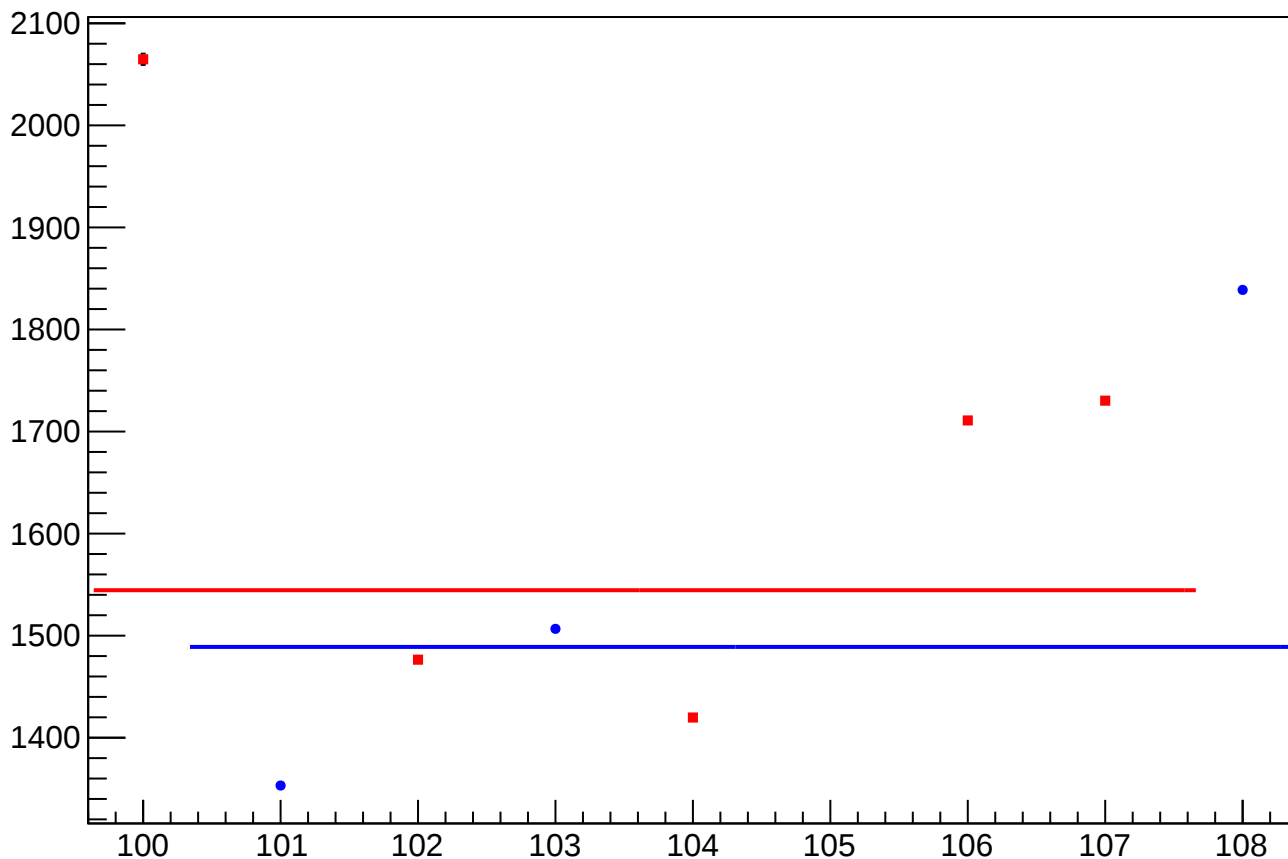
Right: 80.407+/-842.378 χ^2/NDF : 10.9/7

In: -1063.162+/-1212.016 χ^2/NDF : 5.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.407+/-842.378 χ^2/NDF : 10.9/7

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1488.977+/-0.857 χ^2/NDF : 39259.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1544.519+/-0.828 χ^2/NDF : 32536.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

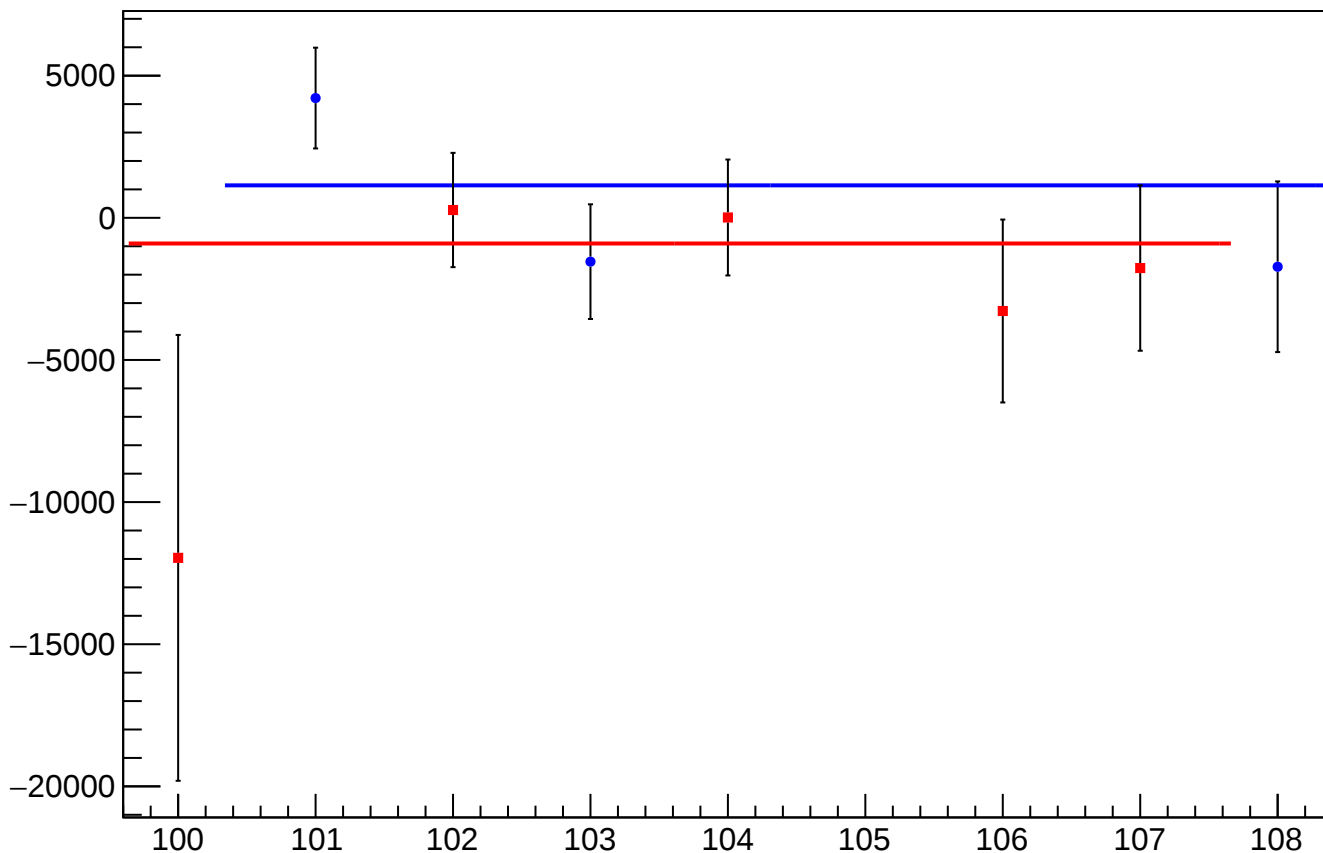
Right: 1517.689+/-0.596 χ^2/NDF : 73966.2/7

In: 1488.977+/-0.857 χ^2/NDF : 39259.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1517.689+/-0.596 χ^2/NDF : 73966.2/7

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 1142.188+/-1217.092 χ^2/NDF : 5.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -902.984+/-1179.337 χ^2/NDF : 3.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

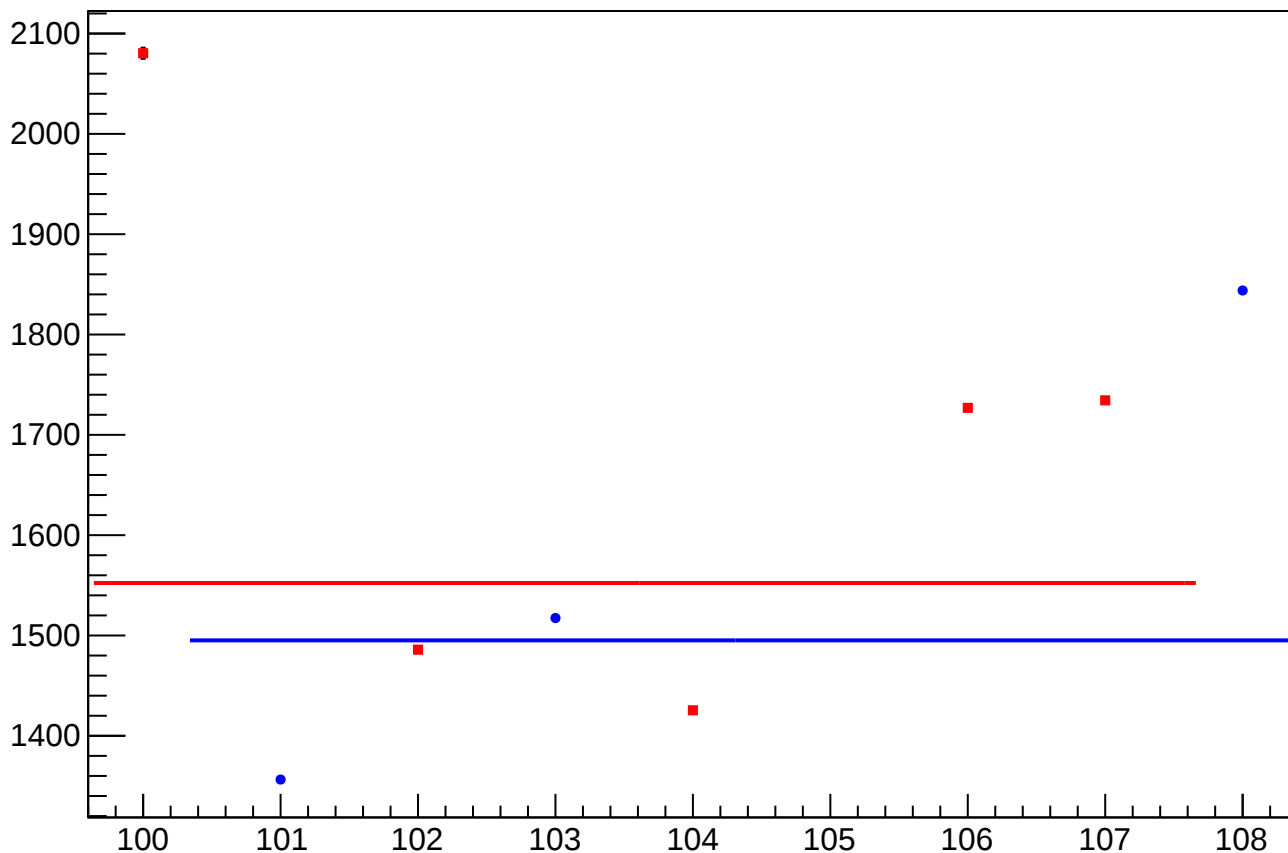
Right: 87.389+/-846.950 χ^2/NDF : 10.3/7

In: 1142.188+/-1217.092 χ^2/NDF : 5.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.389+/-846.950 χ^2/NDF : 10.3/7

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1495.142 $\pm$ 0.861 χ^2 /NDF: 39482.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1552.340 $\pm$ 0.834 χ^2 /NDF: 32724.1/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

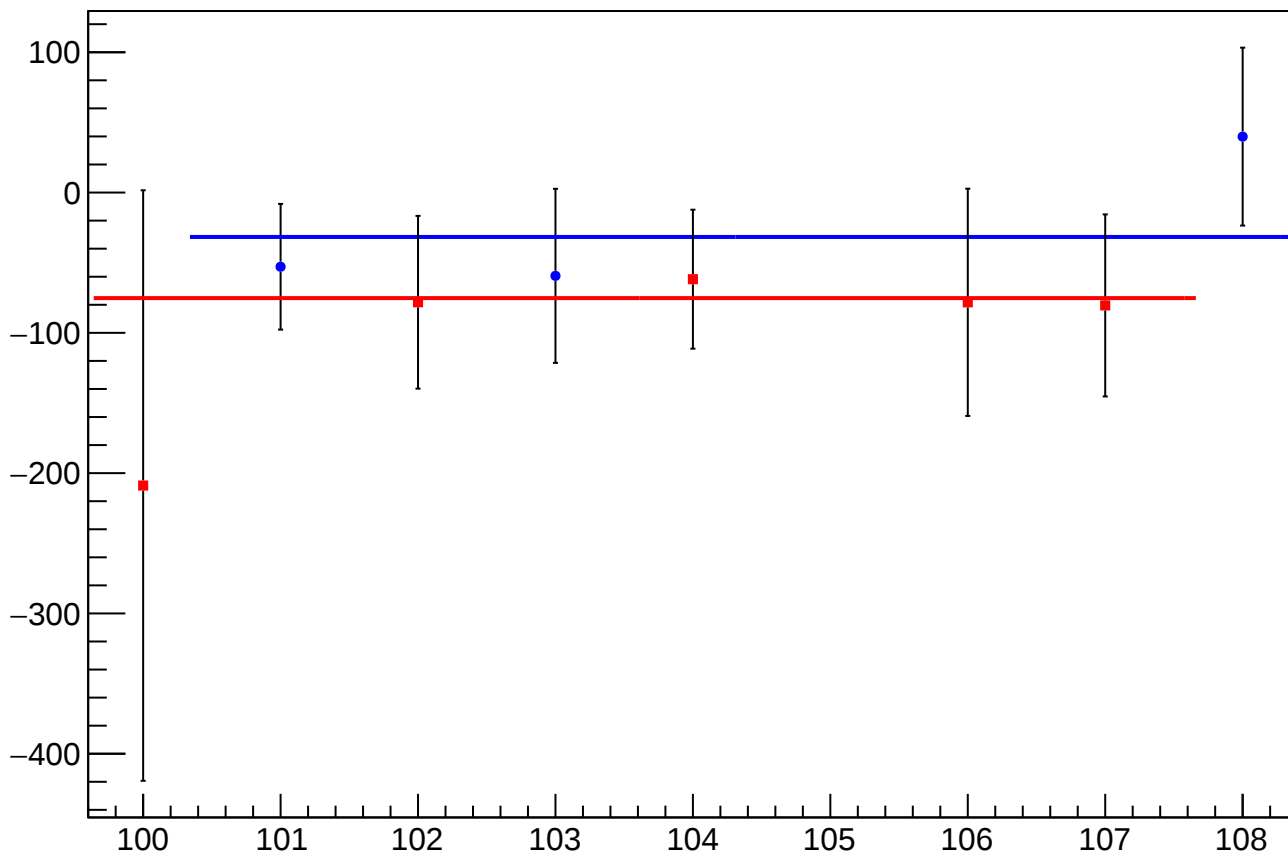
Right: 1524.642 $\pm$ 0.599 χ^2 /NDF: 74484.3/7

In: 1495.142 $\pm$ 0.861 χ^2 /NDF: 39482.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1524.642 $\pm$ 0.599 χ^2 /NDF: 74484.3/7

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -31.646 $\pm$ 31.514 χ^2 /NDF: 1.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -75.236 $\pm$ 30.372 χ^2 /NDF: 0.5/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

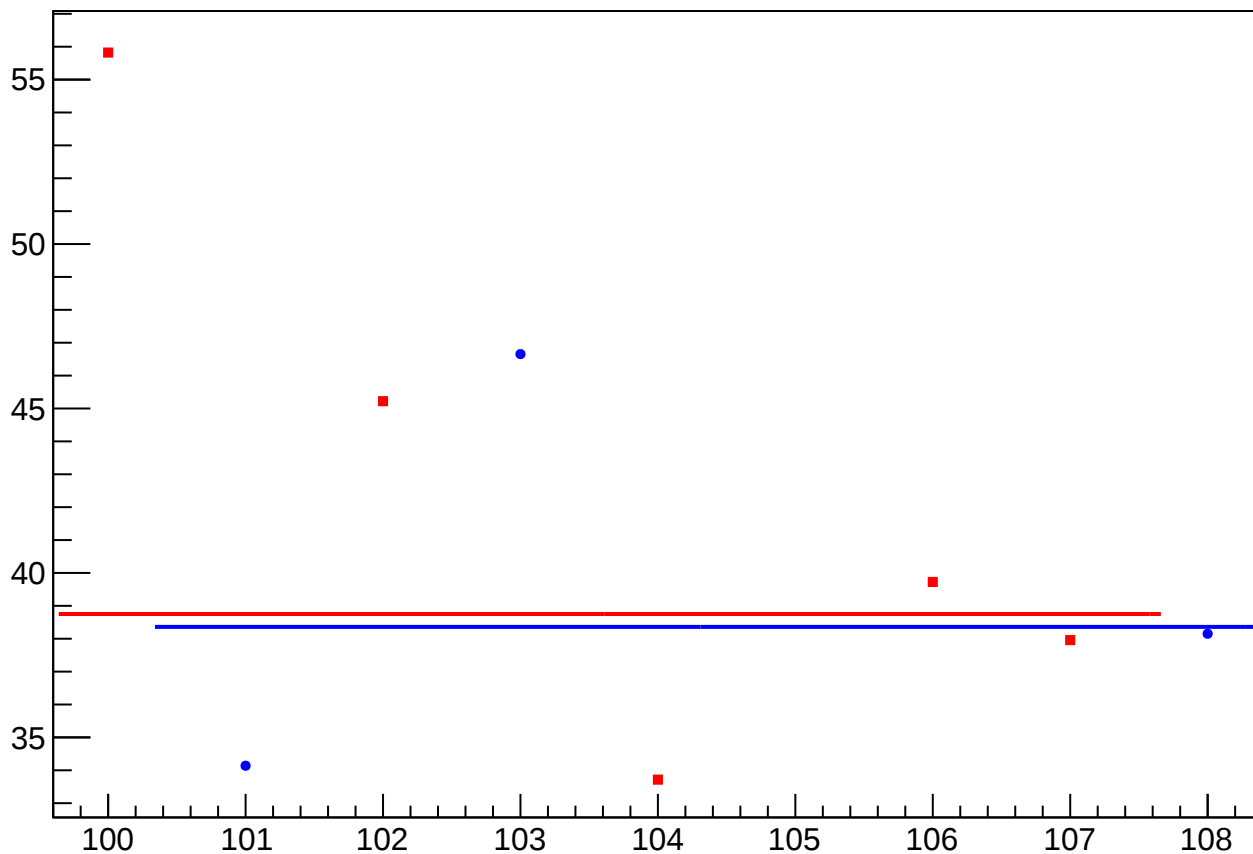
Right: -54.246 $\pm$ 21.869 χ^2 /NDF: 3.2/7

In: -31.646 $\pm$ 31.514 χ^2 /NDF:1.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -54.246 $\pm$ 21.869 χ^2 /NDF: 3.2/7

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 38.360+/-0.022 χ^2/NDF : 53530.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.752+/-0.021 χ^2/NDF : 56519.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

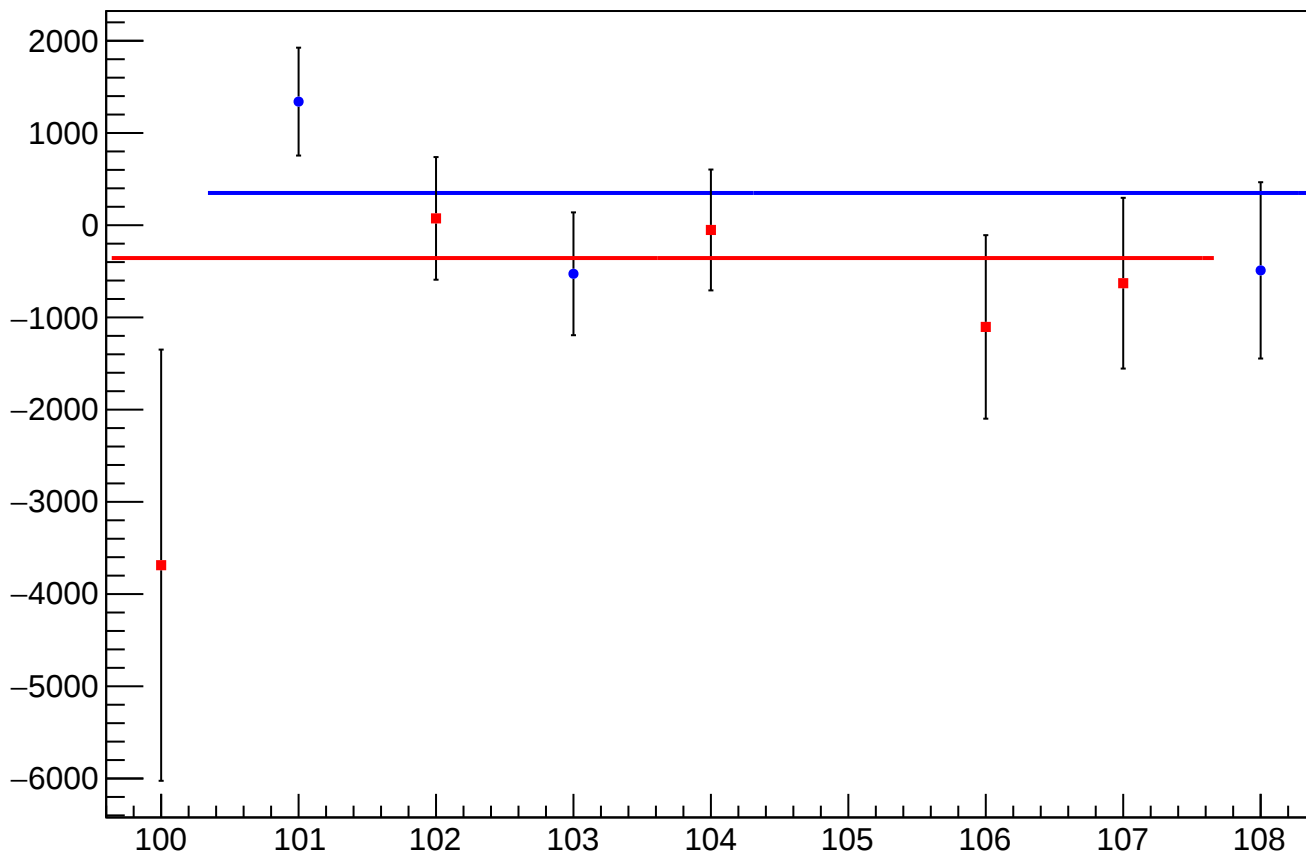
Right: 38.563+/-0.015 χ^2/NDF : 110210.6/7

In: 38.360+/-0.022 χ^2/NDF : 53530.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.563+/-0.015 χ^2/NDF : 110210.6/7

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 349.689+/-399.311 χ^2/NDF : 5.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -356.125+/-379.329 χ^2/NDF : 3.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

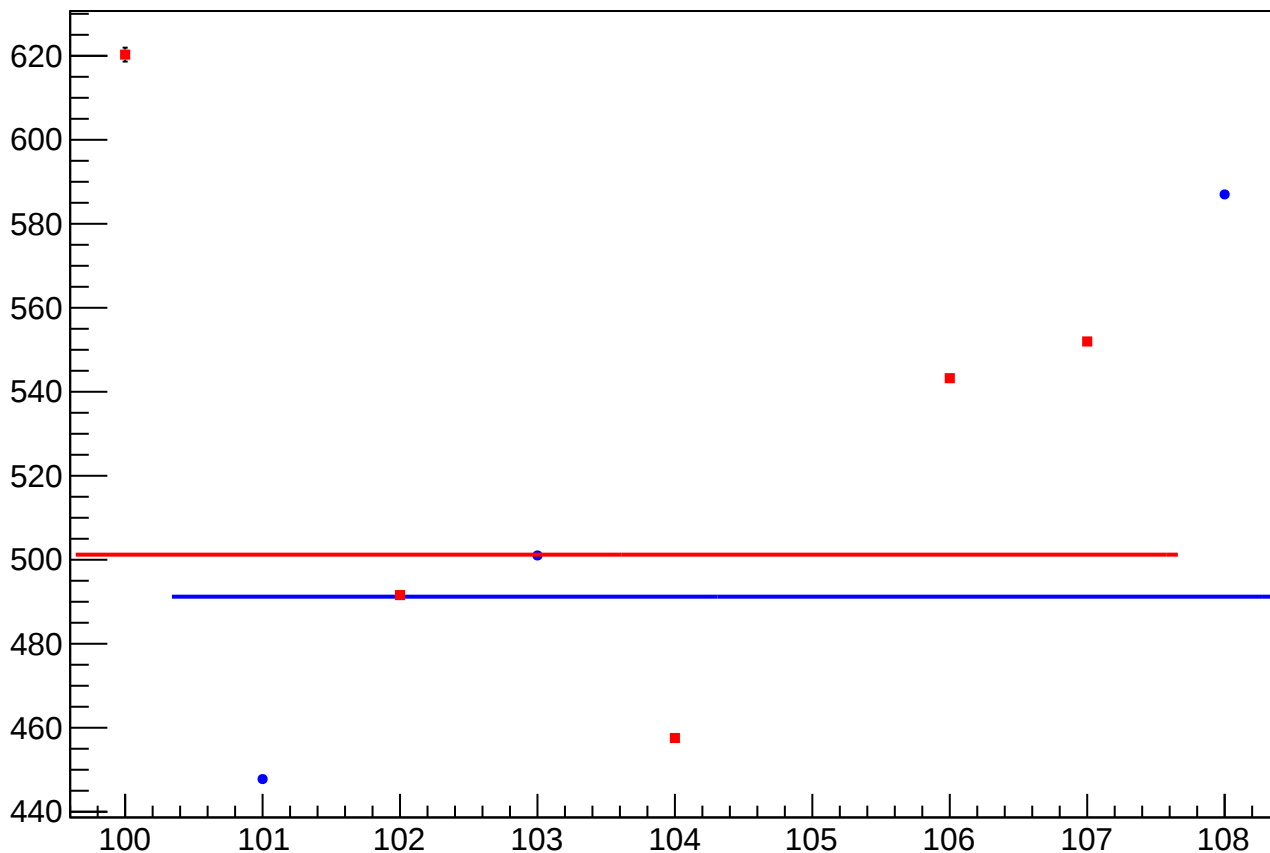
Right: -21.319+/-275.019 χ^2/NDF : 10.3/7

In: 349.689+/-399.311 χ^2/NDF : 5.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.319+/-275.019 χ^2/NDF : 10.3/7

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 491.212+/-0.282 χ^2/NDF : 31534.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 501.217+/-0.268 χ^2/NDF : 24064.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

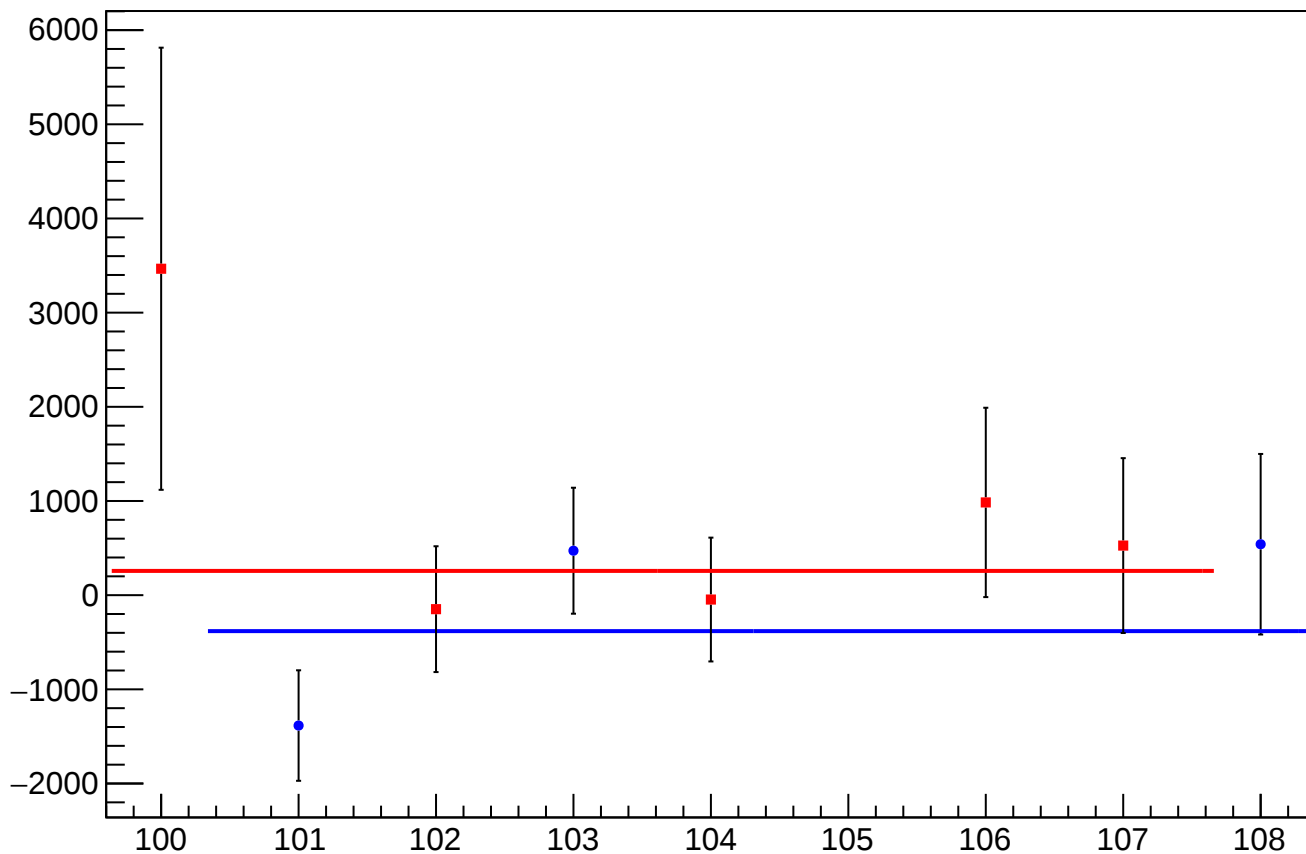
Right: 496.471+/-0.194 χ^2/NDF : 56259.2/7

In: 491.212+/-0.282 χ^2/NDF : 31534.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 496.471+/-0.194 χ^2/NDF : 56259.2/7

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -381.800+/-400.690 χ^2/NDF : 5.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 257.565+/-381.070 χ^2/NDF : 3.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

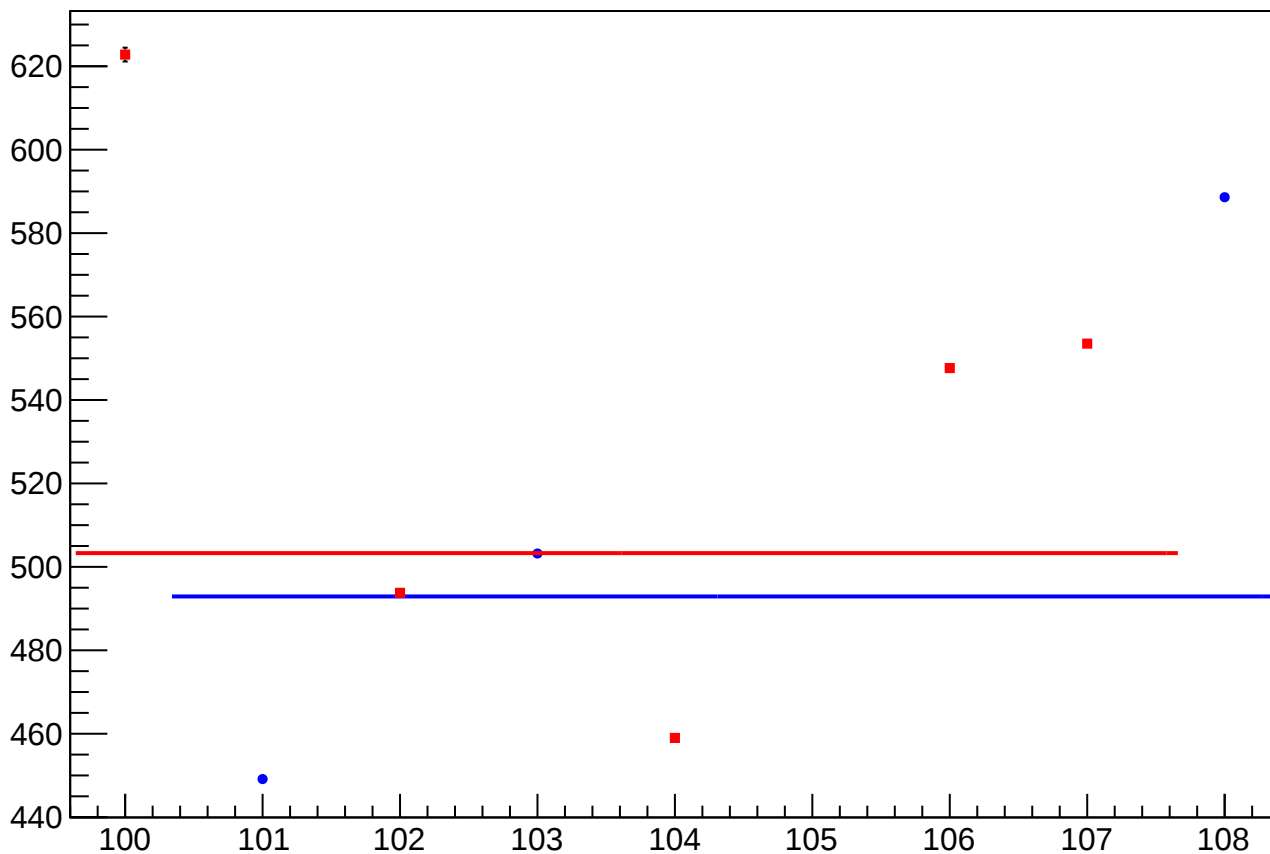
Right: -46.082+/-276.133 χ^2/NDF : 9.9/7

In: -381.800+/-400.690 χ^2/NDF : 5.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -46.082+/-276.133 χ^2/NDF : 9.9/7

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 492.906+/-0.283 χ^2/NDF : 31538.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 503.295+/-0.269 χ^2/NDF : 24417.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

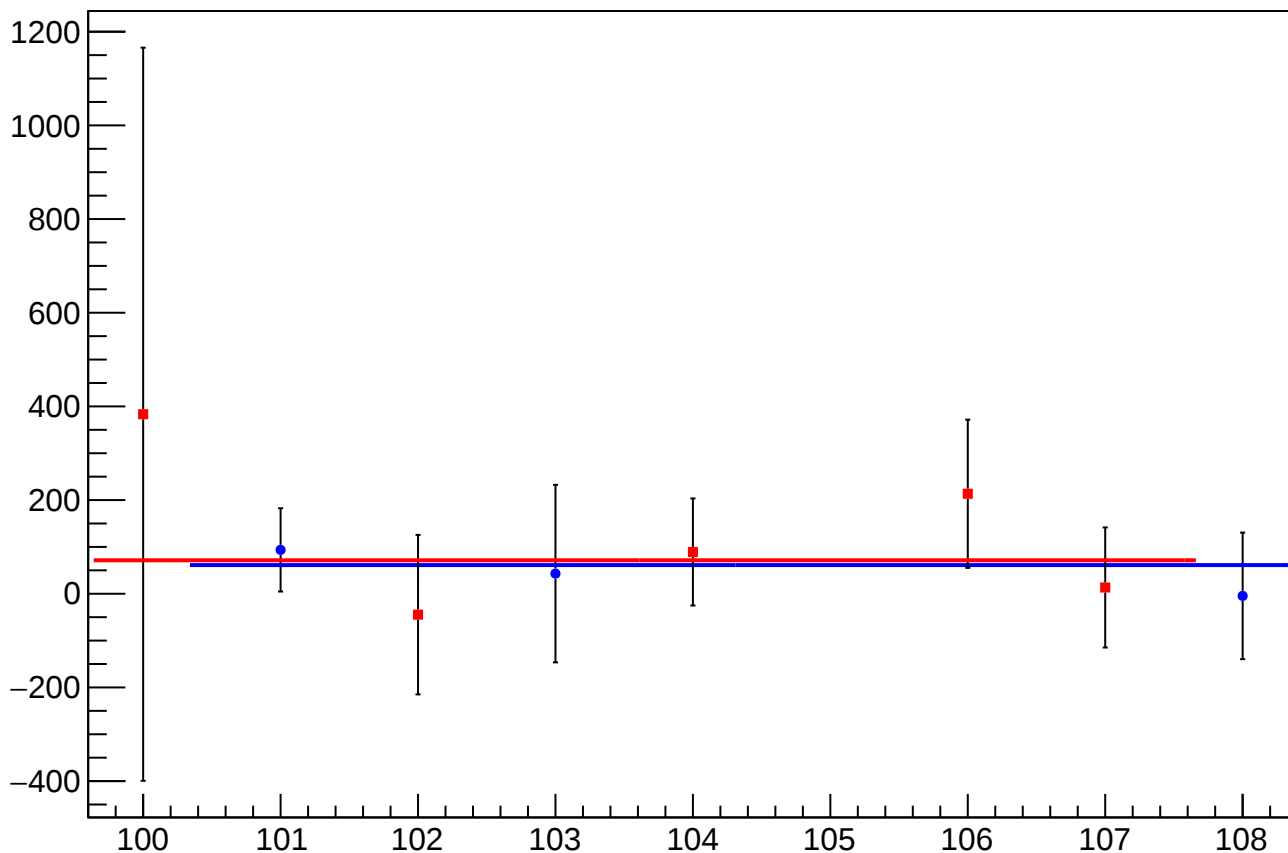
Right: 498.361+/-0.195 χ^2/NDF : 56662.0/7

In: 492.906+/-0.283 χ^2/NDF : 31538.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 498.361+/-0.195 χ^2/NDF : 56662.0/7

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 61.202+/-69.150 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.475+/-68.444 χ^2/NDF : 1.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

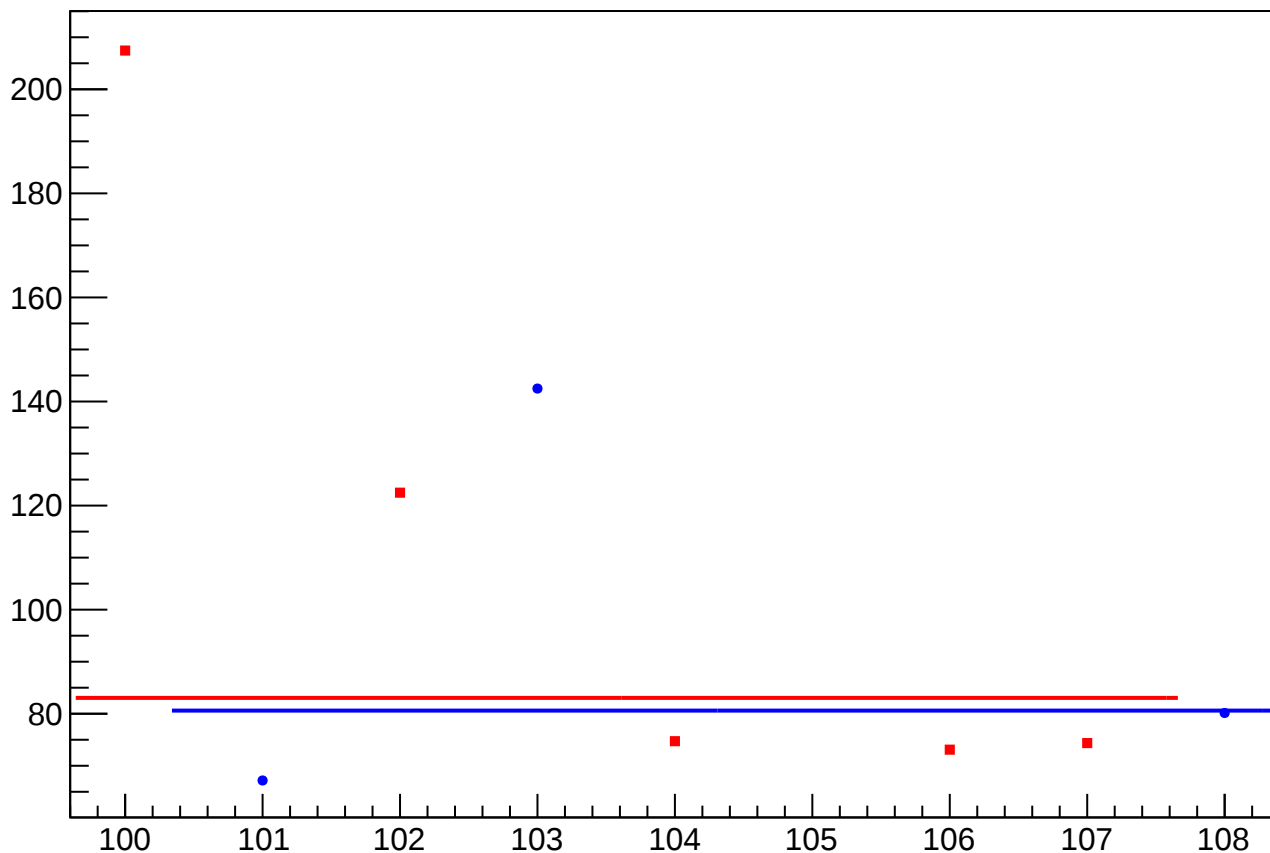
Right: 66.391+/-48.645 χ^2/NDF : 2.0/7

In: 61.202+/-69.150 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.391+/-48.645 χ^2/NDF : 2.0/7

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 80.603+/-0.049 χ^2/NDF : 258965.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.046+/-0.048 χ^2/NDF : 185492.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

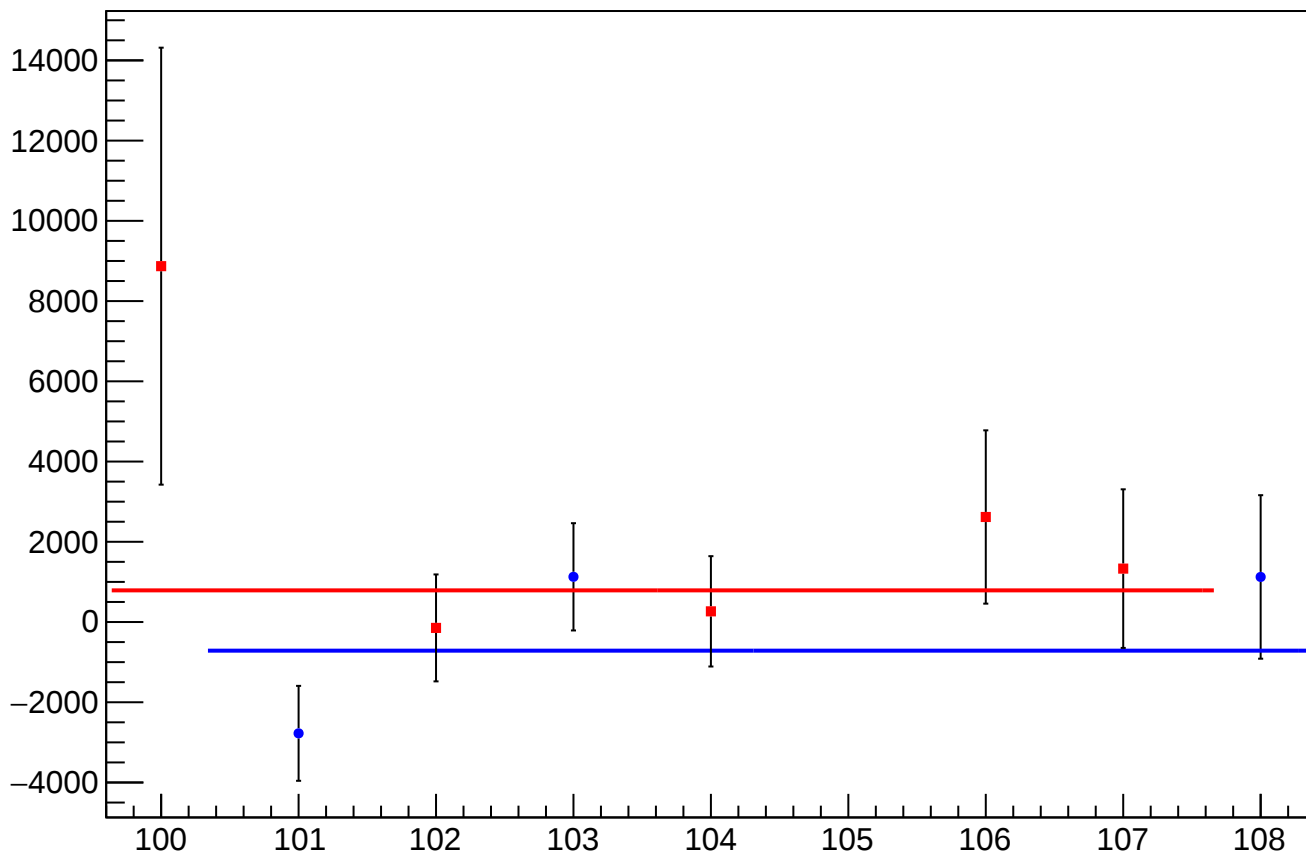
Right: 81.837+/-0.034 χ^2/NDF : 445719.4/7

In: 80.603+/-0.049 χ^2/NDF : 258965.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.837+/-0.034 χ^2/NDF : 445719.4/7

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -713.911+/-812.562 χ^2/NDF : 5.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 789.075+/-791.637 χ^2/NDF : 3.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

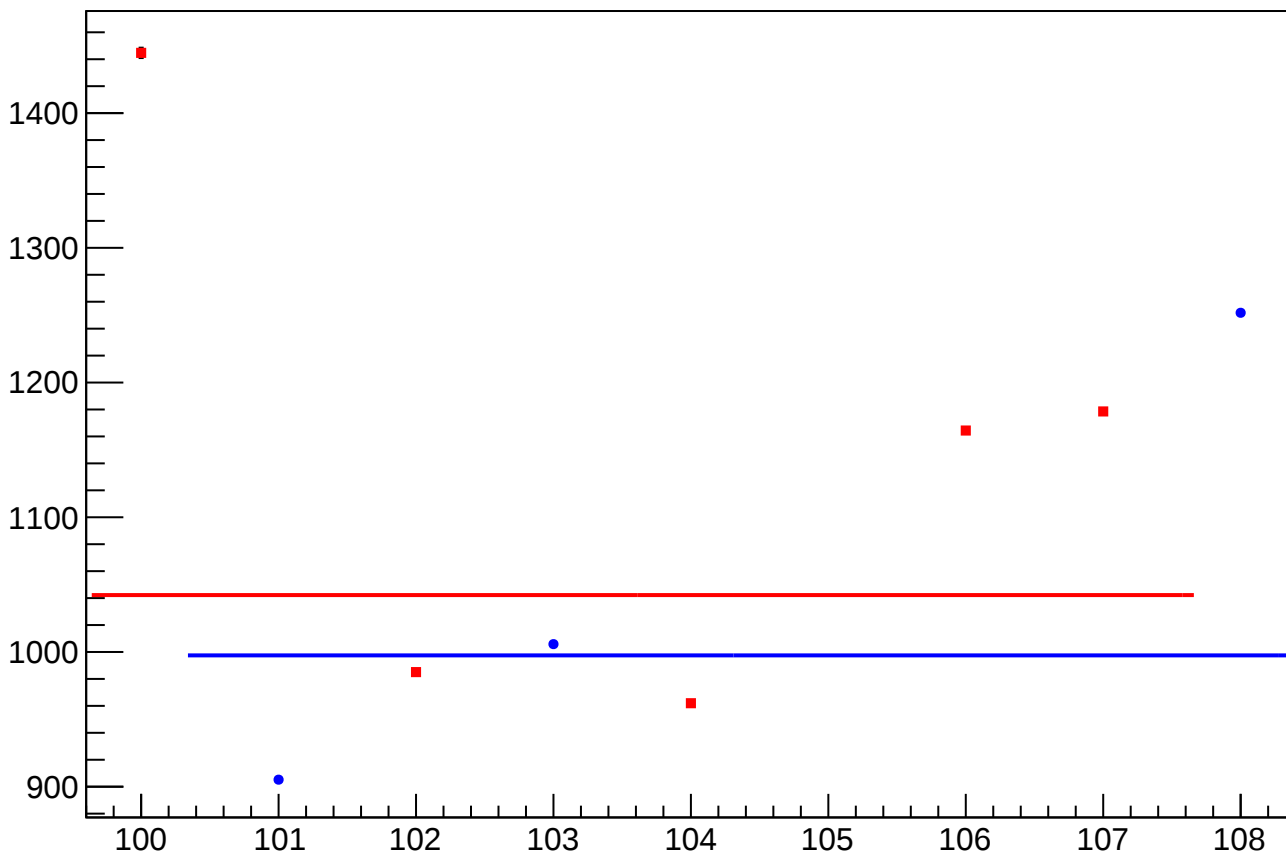
Right: 57.184+/-567.025 χ^2/NDF : 11.1/7

In: -713.911+/-812.562 χ^2/NDF : 5.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.184+/-567.025 χ^2/NDF : 11.1/7

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 997.474+/-0.575 χ^2/NDF : 43384.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1042.237+/-0.560 χ^2/NDF : 37323.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

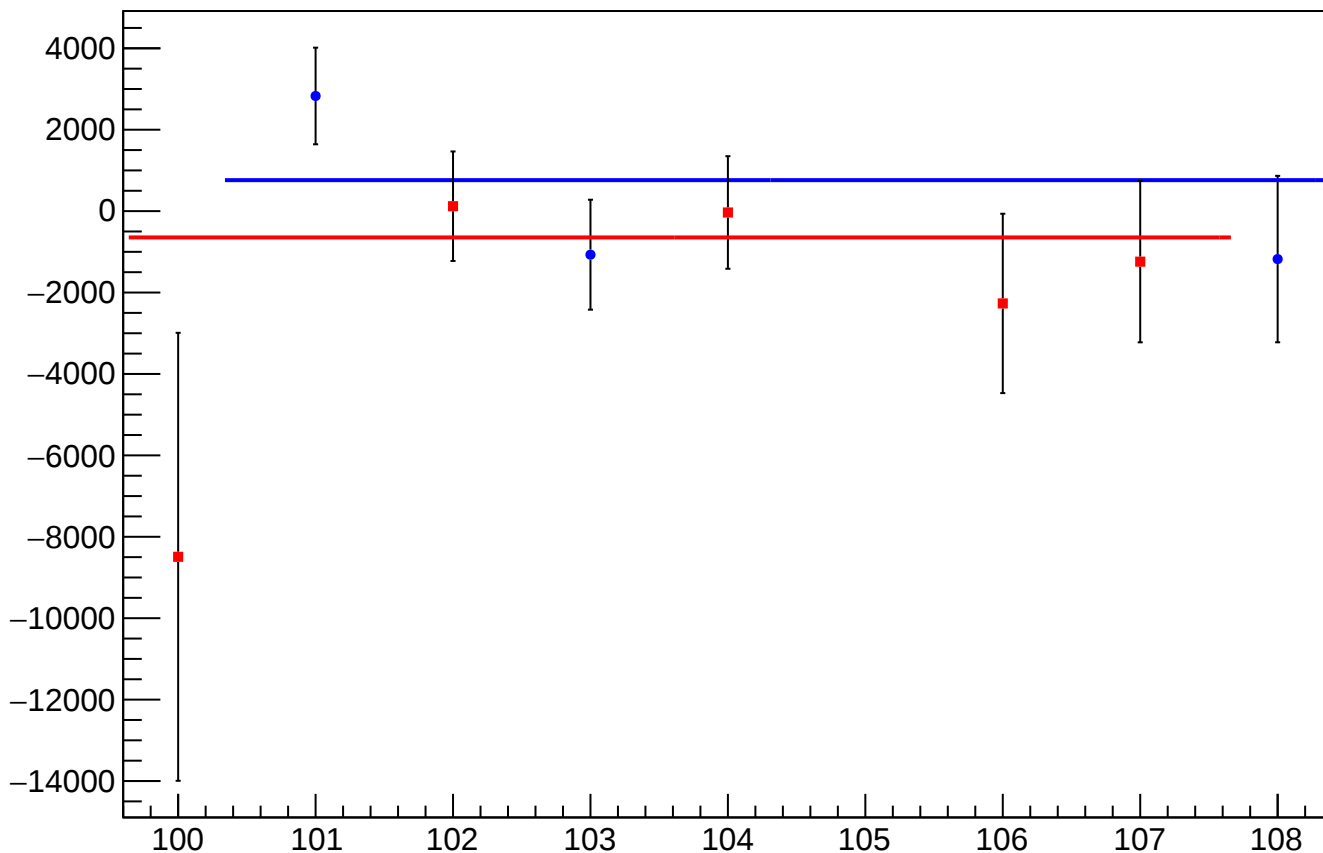
Right: 1020.440+/-0.401 χ^2/NDF : 83821.7/7

In: 997.474+/-0.575 χ^2/NDF : 43384.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1020.440+/-0.401 χ^2/NDF : 83821.7/7

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 760.940+/-817.155 χ^2/NDF : 5.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -646.236+/-798.194 χ^2/NDF : 3.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

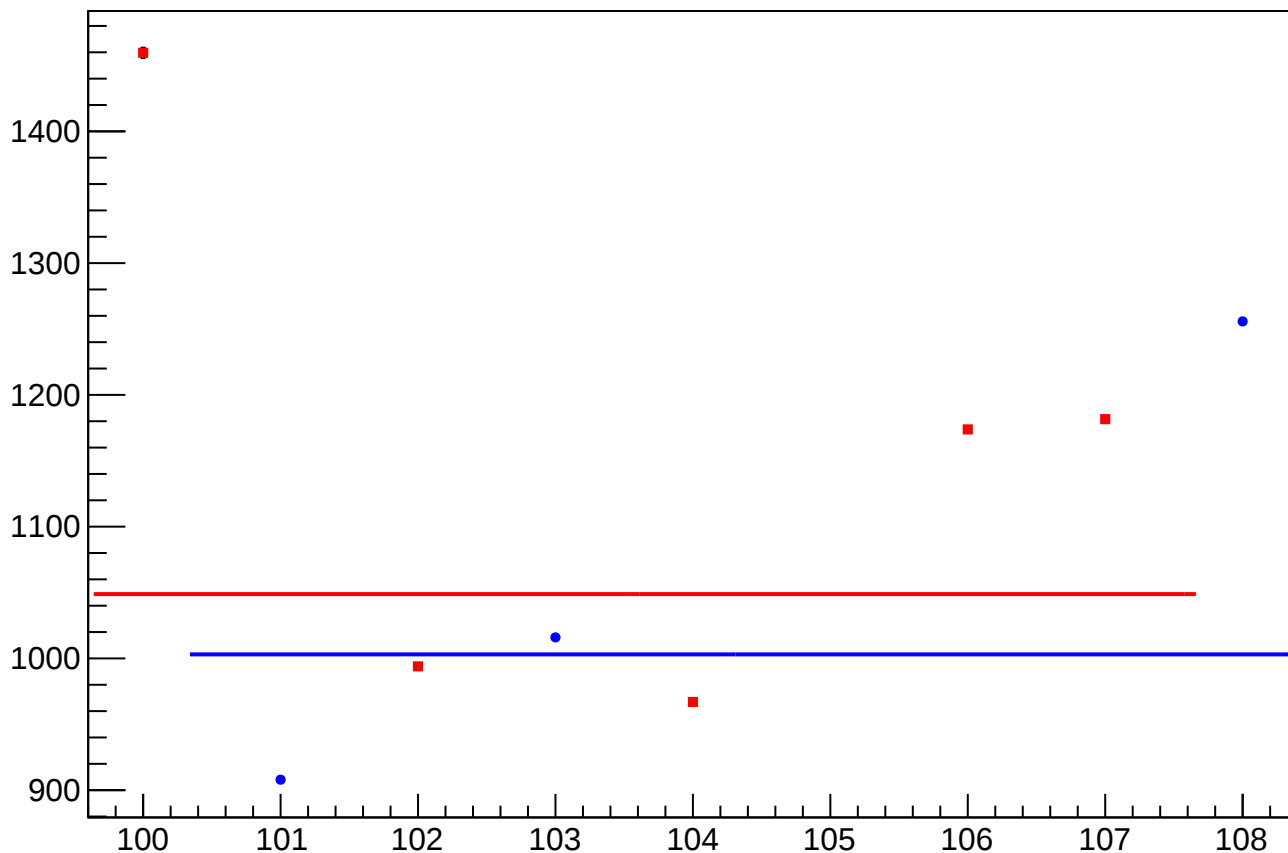
Right: 40.837+/-570.994 χ^2/NDF : 10.5/7

In: 760.940+/-817.155 χ^2/NDF : 5.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.837+/-570.994 χ^2/NDF : 10.5/7

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 1003.066+/-0.578 χ^2/NDF : 43583.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1048.804+/-0.564 χ^2/NDF : 36890.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

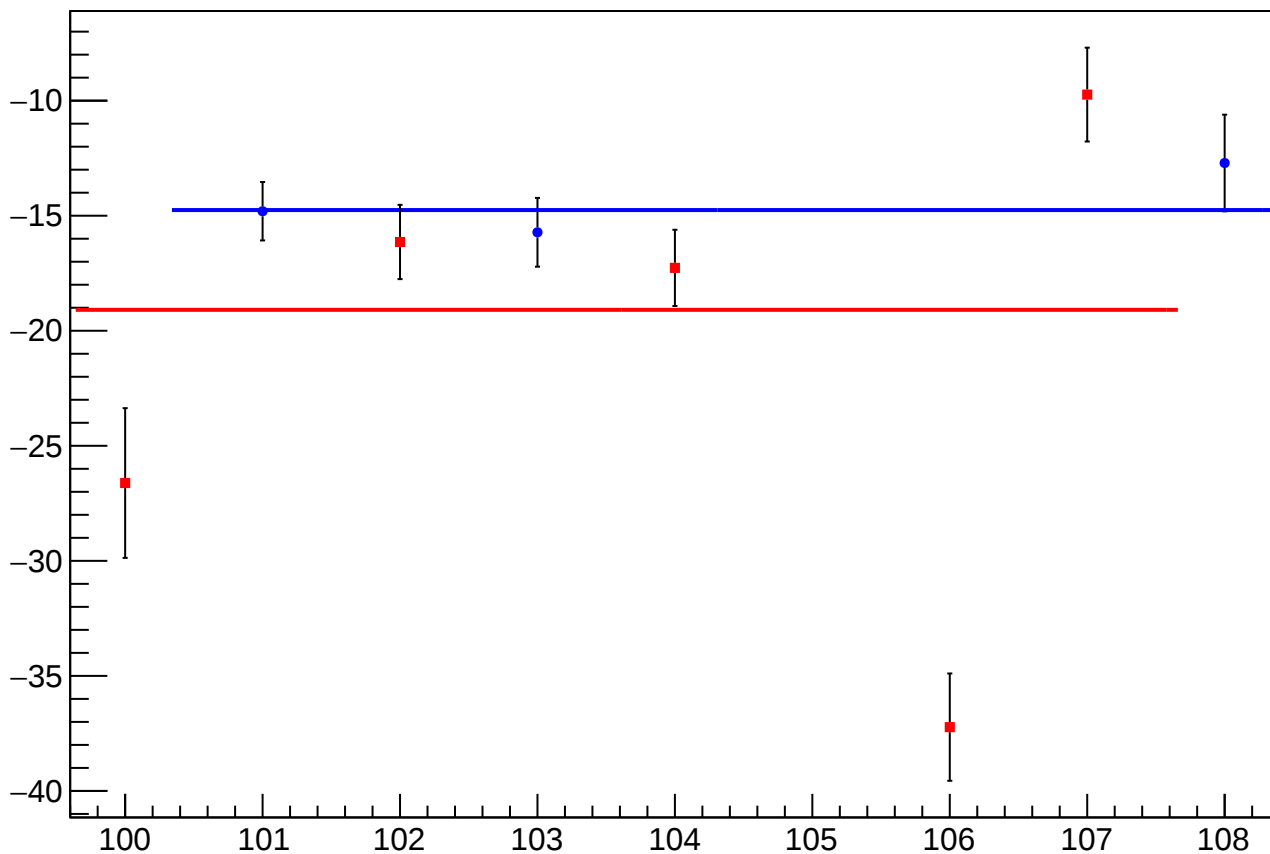
Right: 1026.472+/-0.404 χ^2/NDF : 83680.1/7

In: 1003.066+/-0.578 χ^2/NDF : 43583.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1026.472+/-0.404 χ^2/NDF : 83680.1/7

reg_asym_sam1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -14.754 ± 0.879 $\chi^2/\text{NDF}: 1.4/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -19.090 ± 0.888 $\chi^2/\text{NDF}: 91.4/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

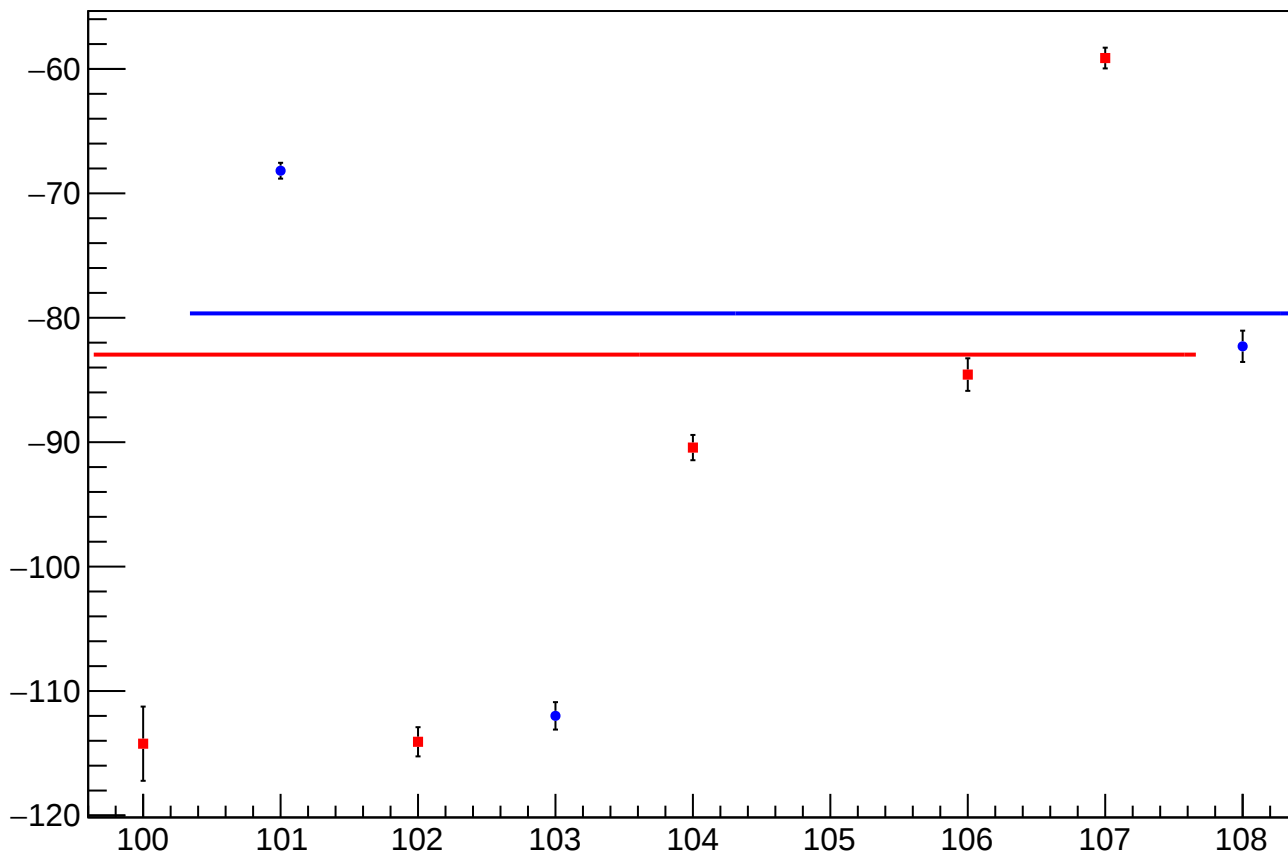
Right: -16.900 ± 0.625 $\chi^2/\text{NDF}: 104.8/7$

In: -14.754 ± 0.879 $\chi^2/\text{NDF}: 1.4/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -16.900 ± 0.625 $\chi^2/\text{NDF}: 104.8/7$

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -79.649 ± 0.505 $\chi^2/\text{NDF}: 1190.3/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -82.961 ± 0.511 $\chi^2/\text{NDF}: 1685.5/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

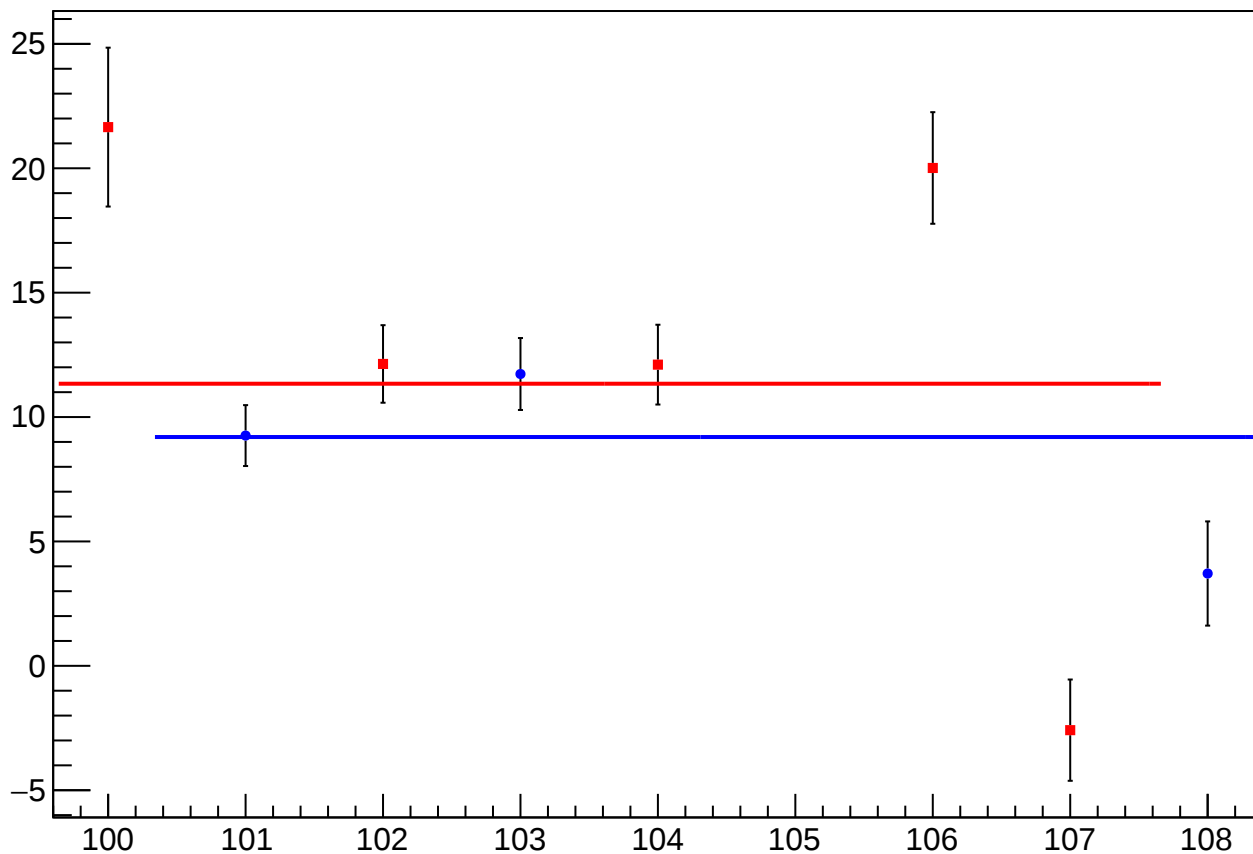
Right: -81.285 ± 0.359 $\chi^2/\text{NDF}: 2897.1/7$

In: -79.649 ± 0.505 $\chi^2/\text{NDF}: 1190.3/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -81.285 ± 0.359 $\chi^2/\text{NDF}: 2897.1/7$

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 9.197+/-0.853 χ^2/NDF : 9.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.340+/-0.864 χ^2/NDF : 72.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

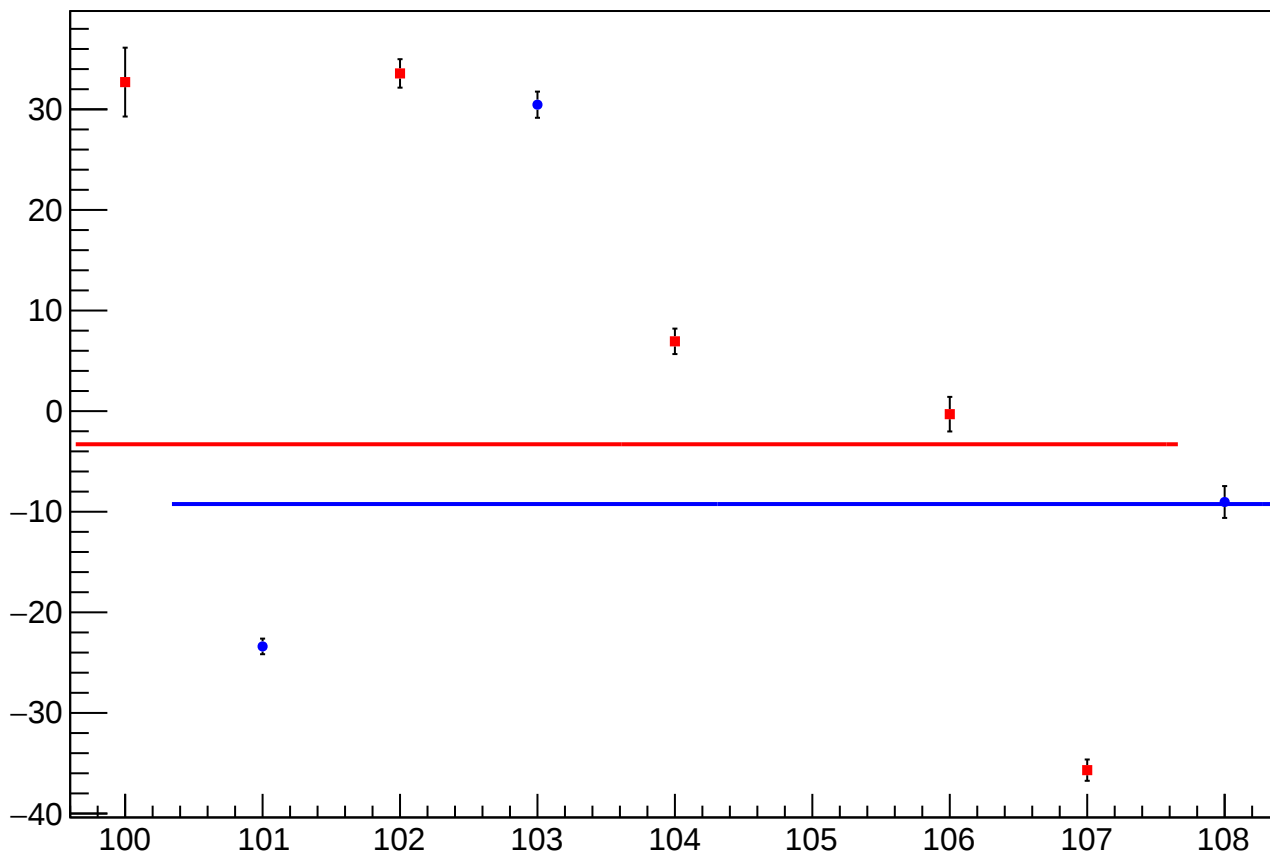
Right: 10.255+/-0.607 χ^2/NDF : 85.7/7

In: 9.197+/-0.853 χ^2/NDF : 9.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.255+/-0.607 χ^2/NDF : 85.7/7

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -9.235 $\pm$ 0.614 χ^2 /NDF: 1263.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.293 $\pm$ 0.640 χ^2 /NDF: 1793.1/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

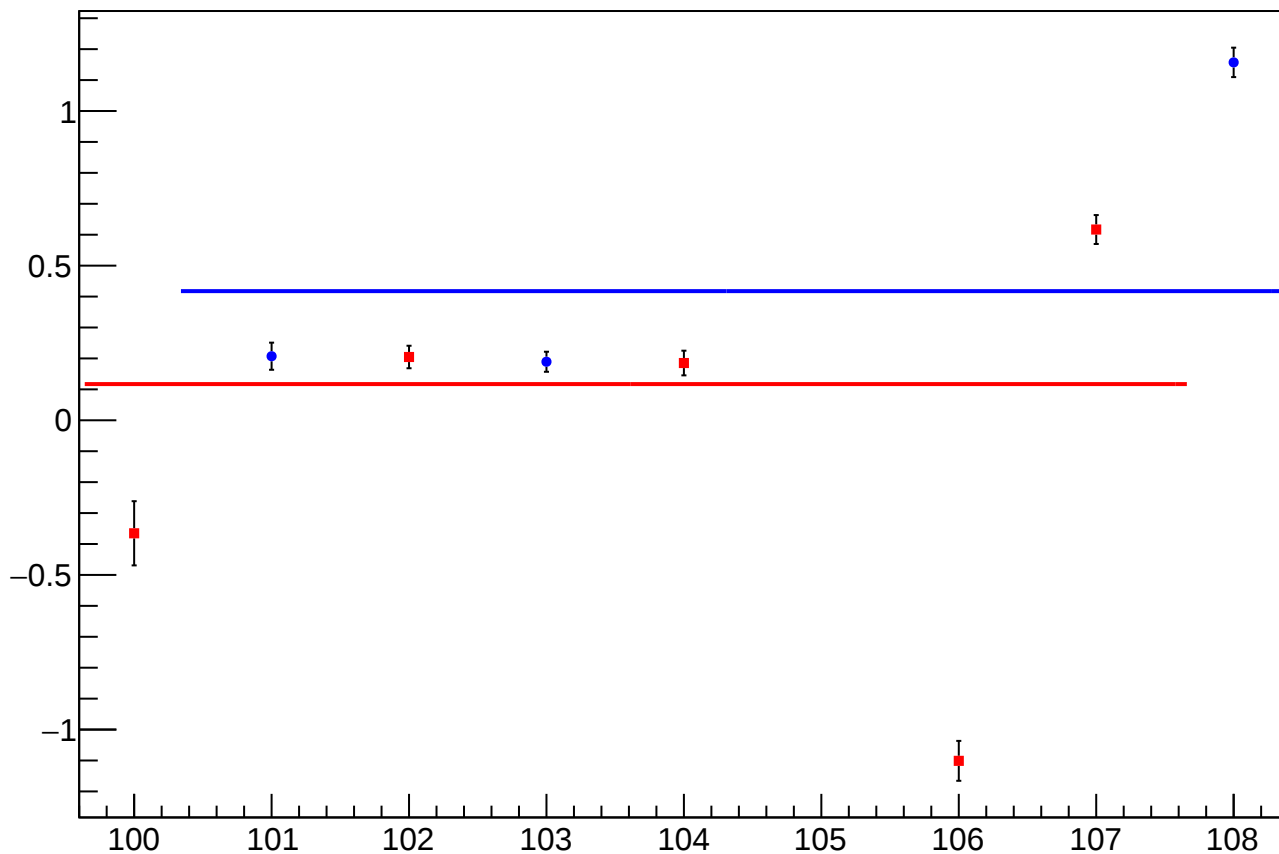
Right: -6.388 $\pm$ 0.443 χ^2 /NDF: 3101.5/7

In: -9.235 $\pm$ 0.614 χ^2 /NDF:1263.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -6.388 $\pm$ 0.443 χ^2 /NDF: 3101.5/7

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.418+/-0.023 χ^2/NDF : 314.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.117+/-0.021 χ^2/NDF : 501.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

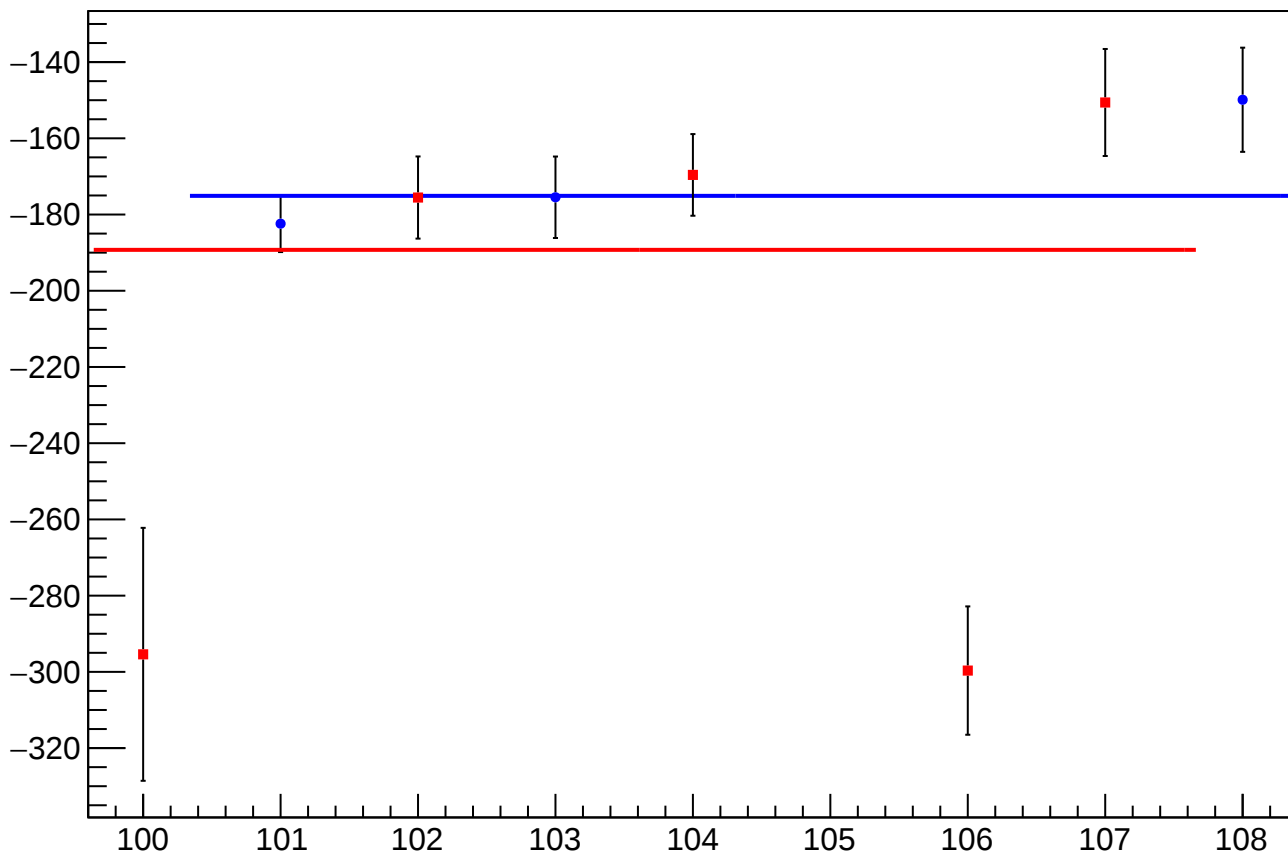
Right: 0.258+/-0.016 χ^2/NDF : 907.2/7

In: 0.418+/-0.023 χ^2/NDF : 314.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.258+/-0.016 χ^2/NDF : 907.2/7

reg_asym_sam2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -175.098 ± 5.578 χ^2/NDF : 4.4/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -189.267 ± 6.105 χ^2/NDF : 65.8/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

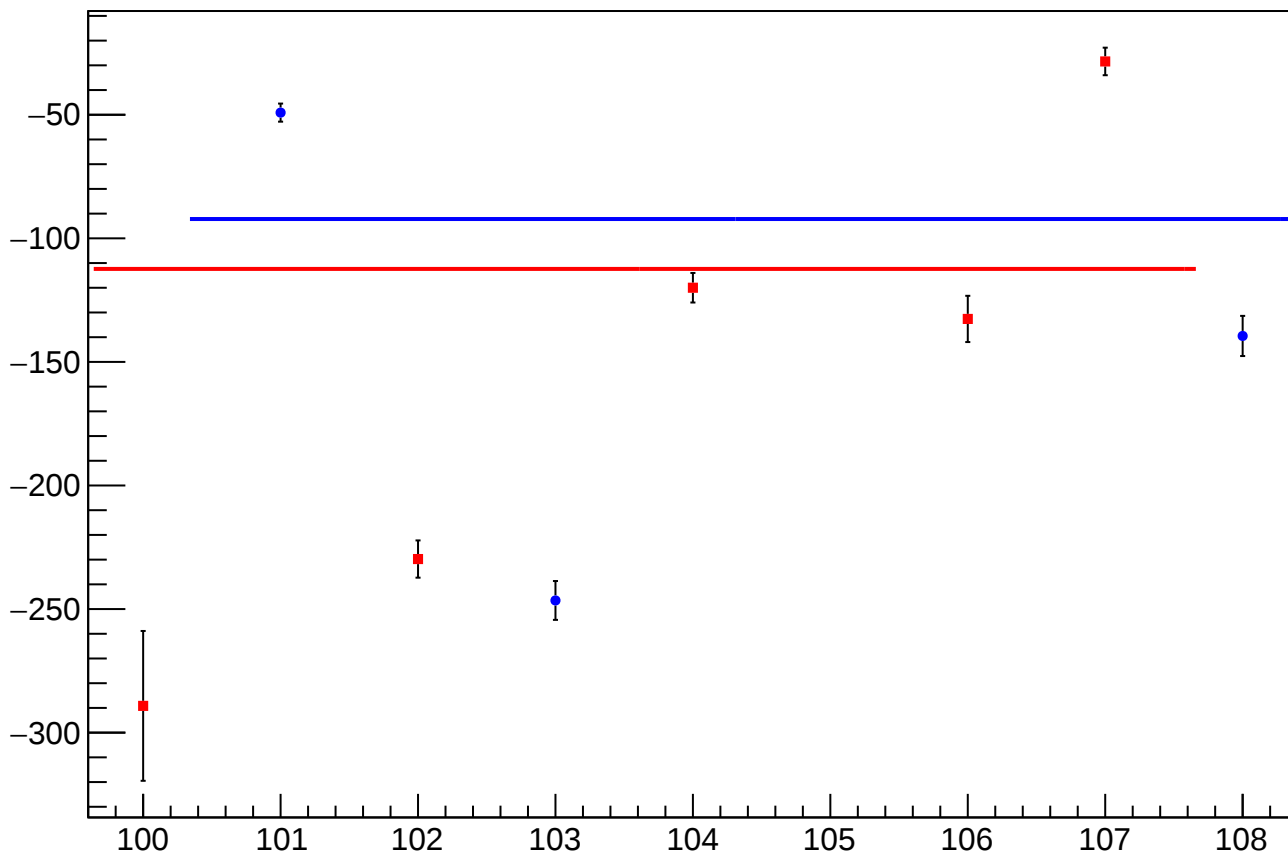
Right: -181.544 ± 4.118 χ^2/NDF : 73.1/7

In: -175.098 ± 5.578 χ^2/NDF : 4.4/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -181.544 ± 4.118 χ^2/NDF : 73.1/7

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -92.185 ± 3.071 $\chi^2/\text{NDF}: 557.8/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -112.372 ± 3.328 $\chi^2/\text{NDF}: 510.0/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

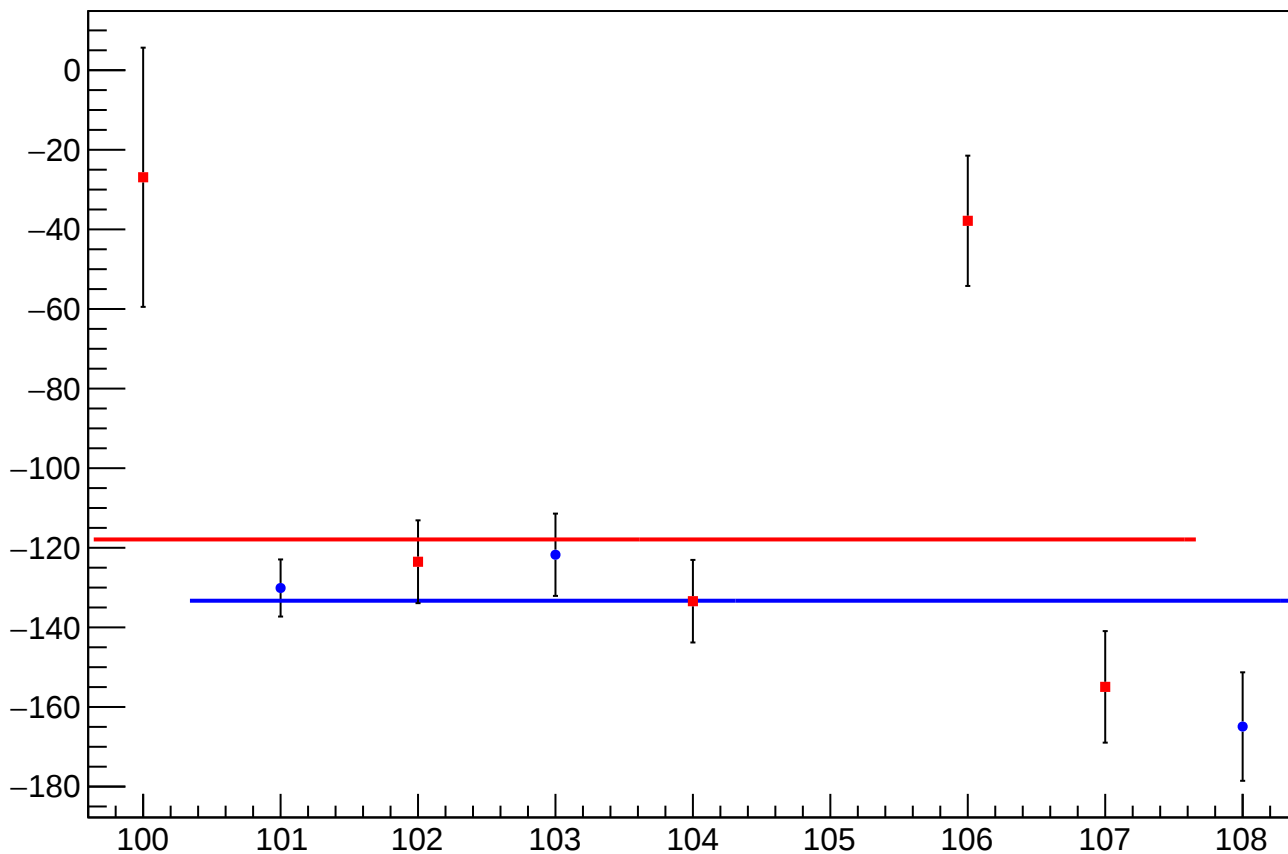
Right: -101.471 ± 2.257 $\chi^2/\text{NDF}: 1087.7/7$

In: -92.185 ± 3.071 $\chi^2/\text{NDF}: 557.8/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -101.471 ± 2.257 $\chi^2/\text{NDF}: 1087.7/7$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -133.301+/-5.410 χ^2/NDF : 6.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -117.904+/-5.944 χ^2/NDF : 41.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

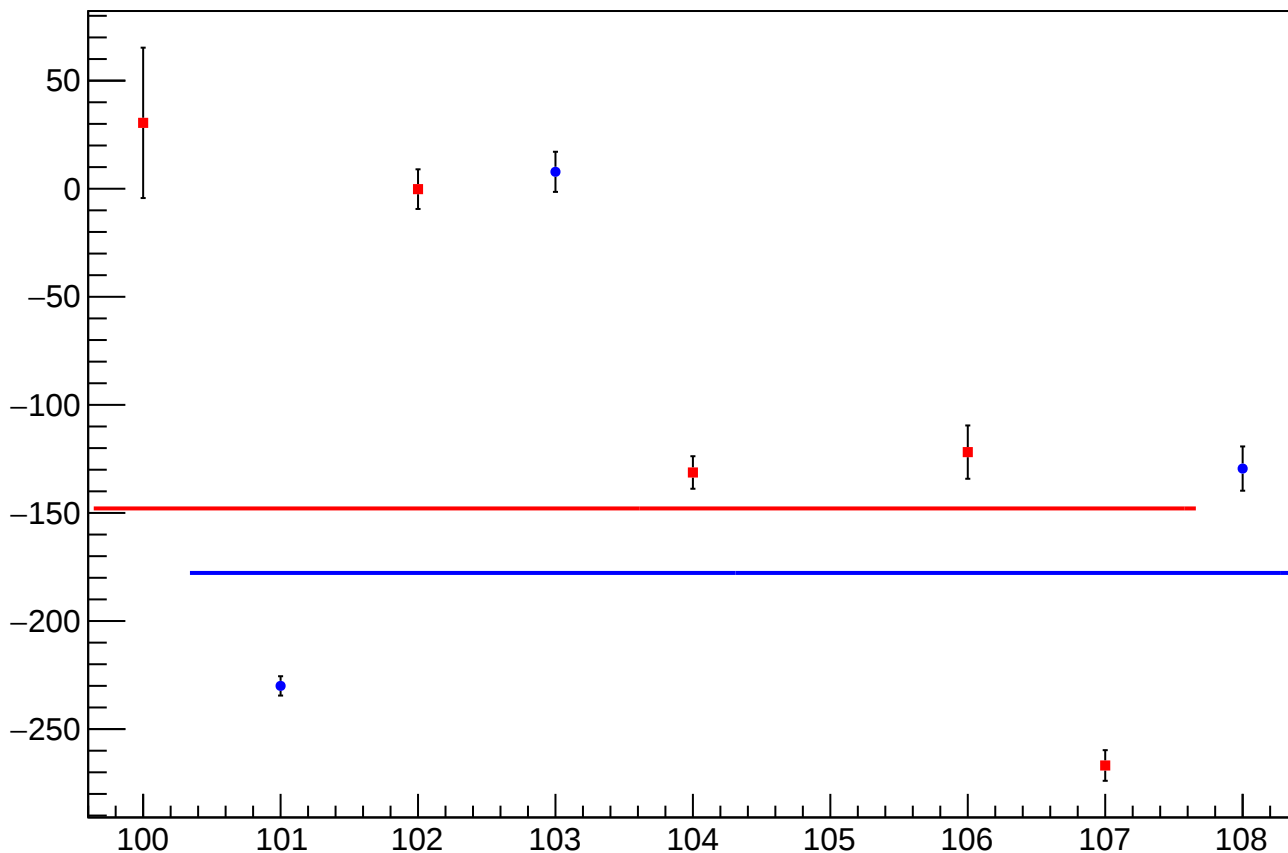
Right: -126.326+/-4.001 χ^2/NDF : 51.7/7

In: -133.301+/-5.410 χ^2/NDF : 6.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -126.326+/-4.001 χ^2/NDF : 51.7/7

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -177.754 ± 3.749 χ^2/NDF : 558.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -147.916 ± 4.194 χ^2/NDF : 576.5/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

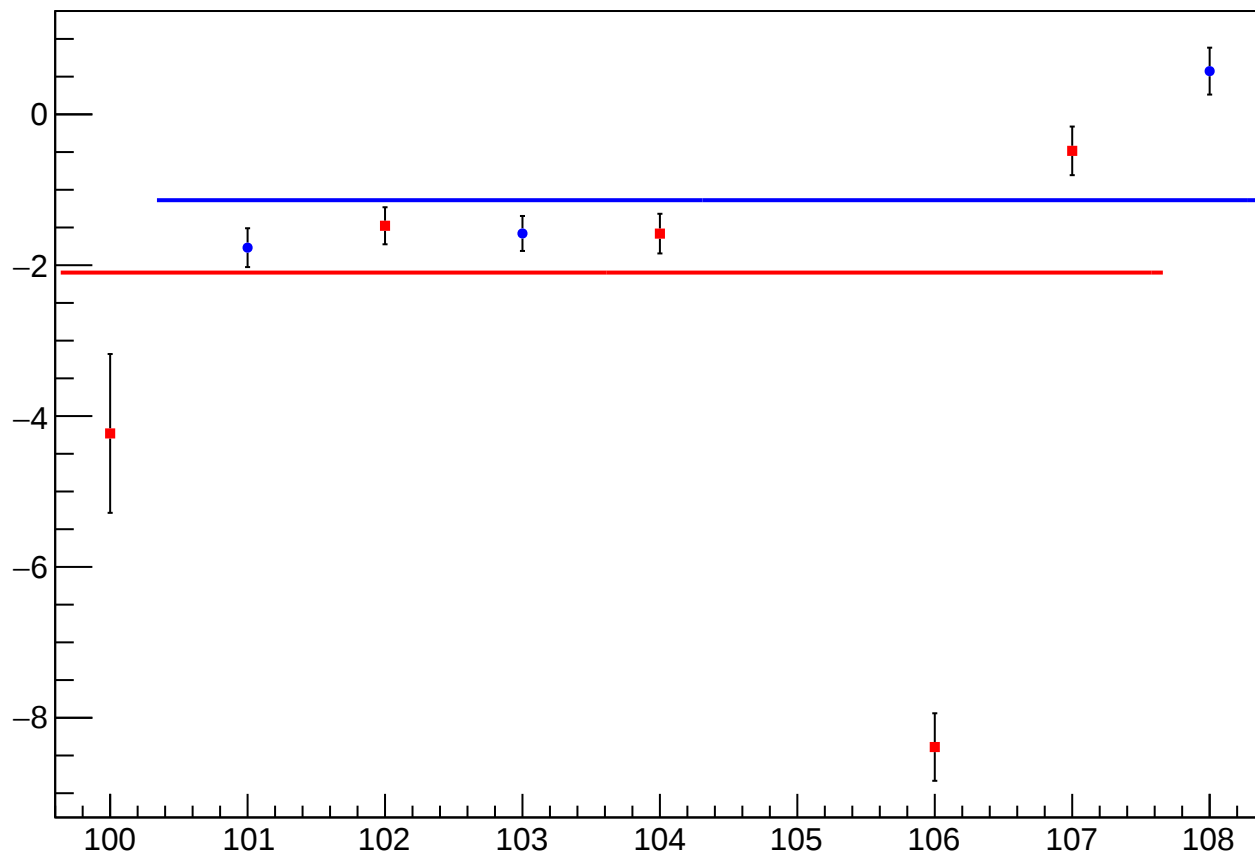
Right: -164.504 ± 2.795 χ^2/NDF : 1163.1/7

In: -177.754 ± 3.749 χ^2/NDF : 558.5/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -164.504 ± 2.795 χ^2/NDF : 1163.1/7

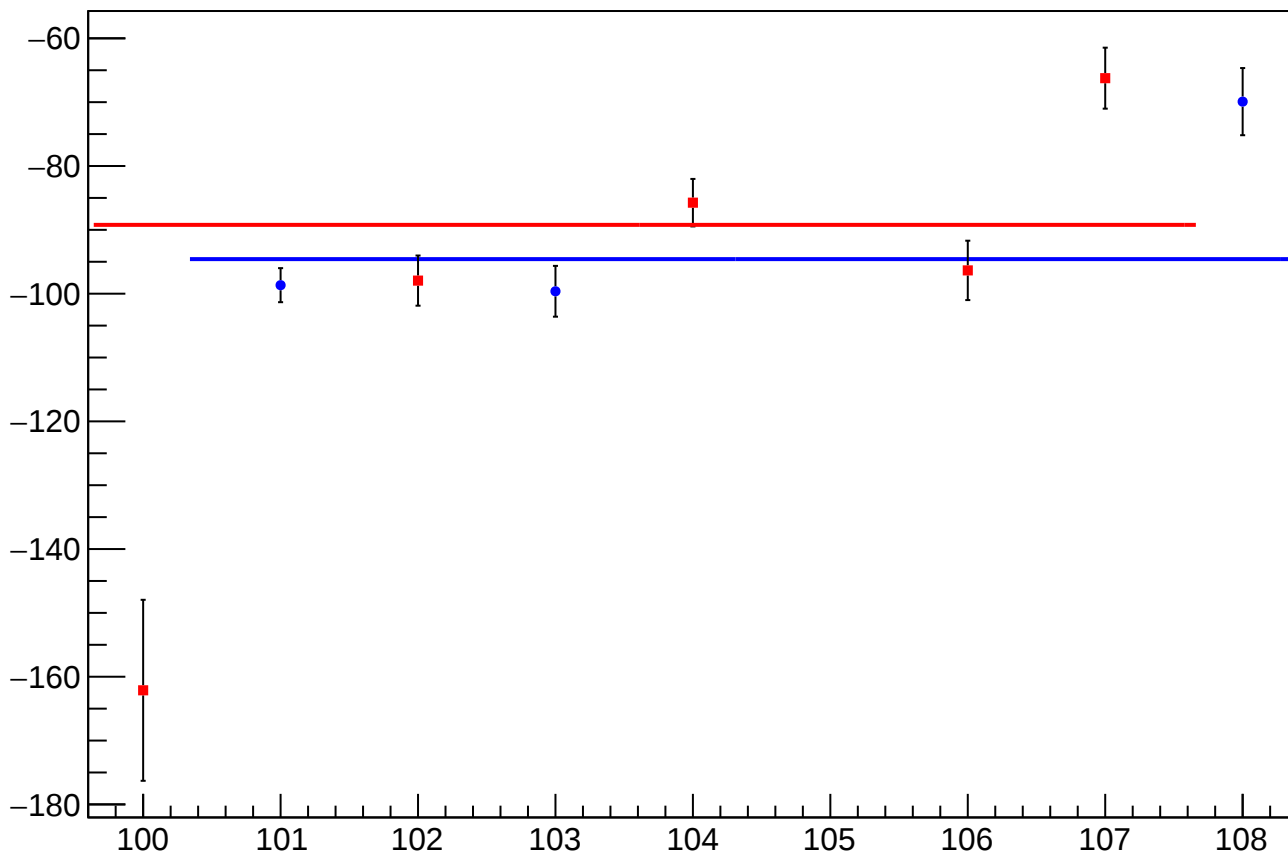
reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.138 $\pm$ 0.151 χ^2 /NDF: 39.9/2
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -2.098 $\pm$ 0.146 χ^2 /NDF: 236.9/4
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -1.631 $\pm$ 0.105 χ^2 /NDF: 297.7/7
 In: -1.138 $\pm$ 0.151 χ^2 /NDF:39.9/2
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -1.631 $\pm$ 0.105 χ^2 /NDF: 297.7/7

reg_asym_sam3_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -94.585 ± 2.042 $\chi^2/\text{NDF}: 25.9/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -89.220 ± 2.076 $\chi^2/\text{NDF}: 57.8/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

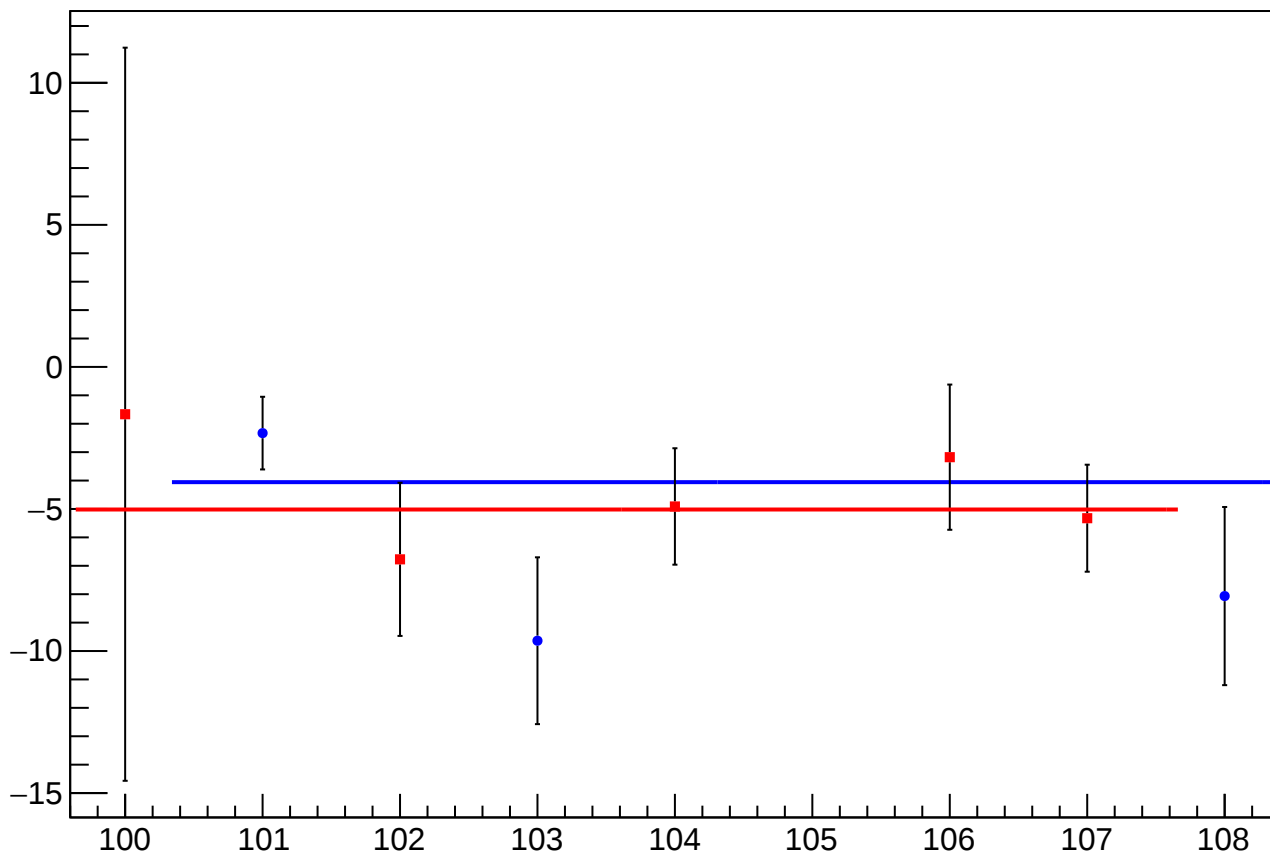
Right: -91.946 ± 1.456 $\chi^2/\text{NDF}: 87.1/7$

In: -94.585 ± 2.042 $\chi^2/\text{NDF}: 25.9/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -91.946 ± 1.456 $\chi^2/\text{NDF}: 87.1/7$

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.056+/-1.098 χ^2/NDF : 7.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.019+/-1.106 χ^2/NDF : 1.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

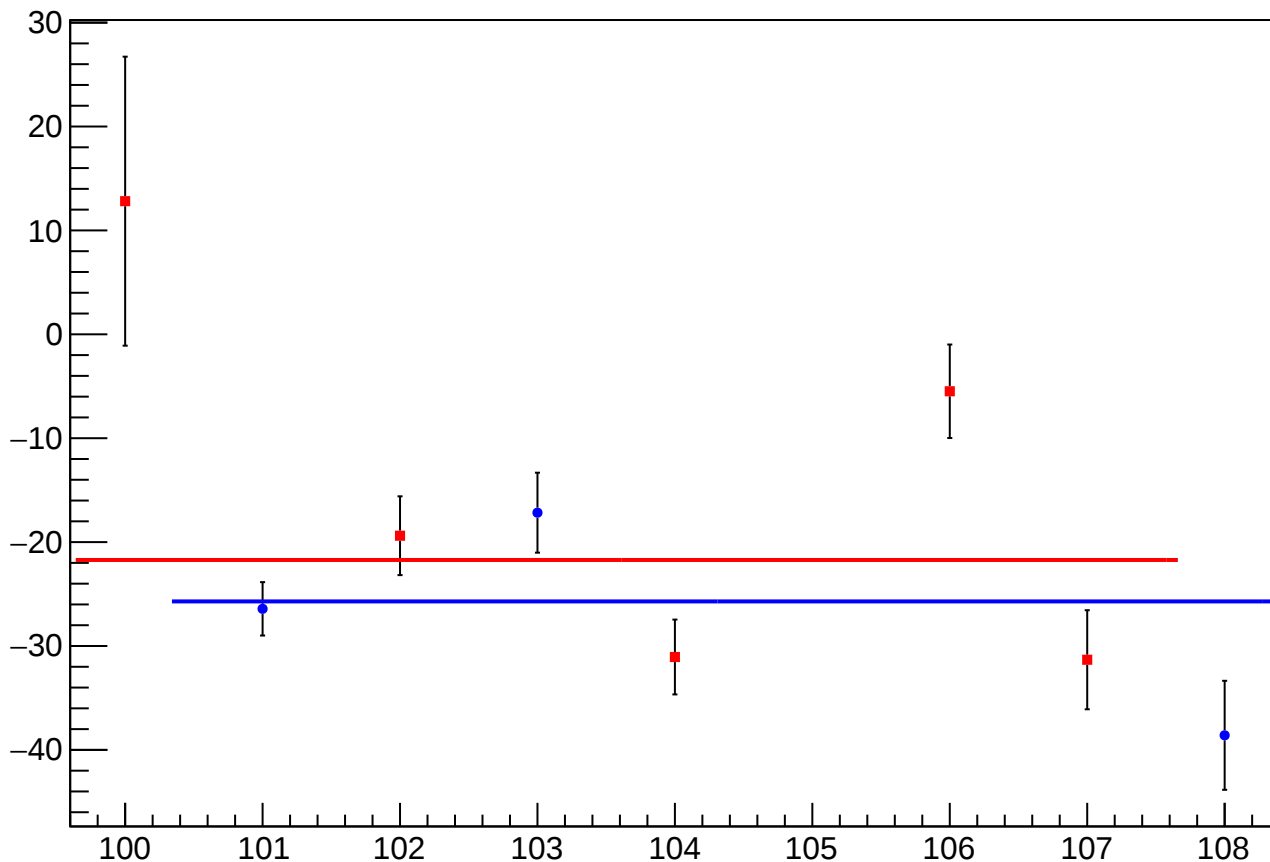
Right: -4.534+/-0.779 χ^2/NDF : 8.5/7

In: -4.056+/-1.098 χ^2/NDF : 7.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.534+/-0.779 χ^2/NDF : 8.5/7

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.708 $\pm$ 1.979 χ^2 /NDF: 11.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -21.719 $\pm$ 2.019 χ^2 /NDF: 30.3/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

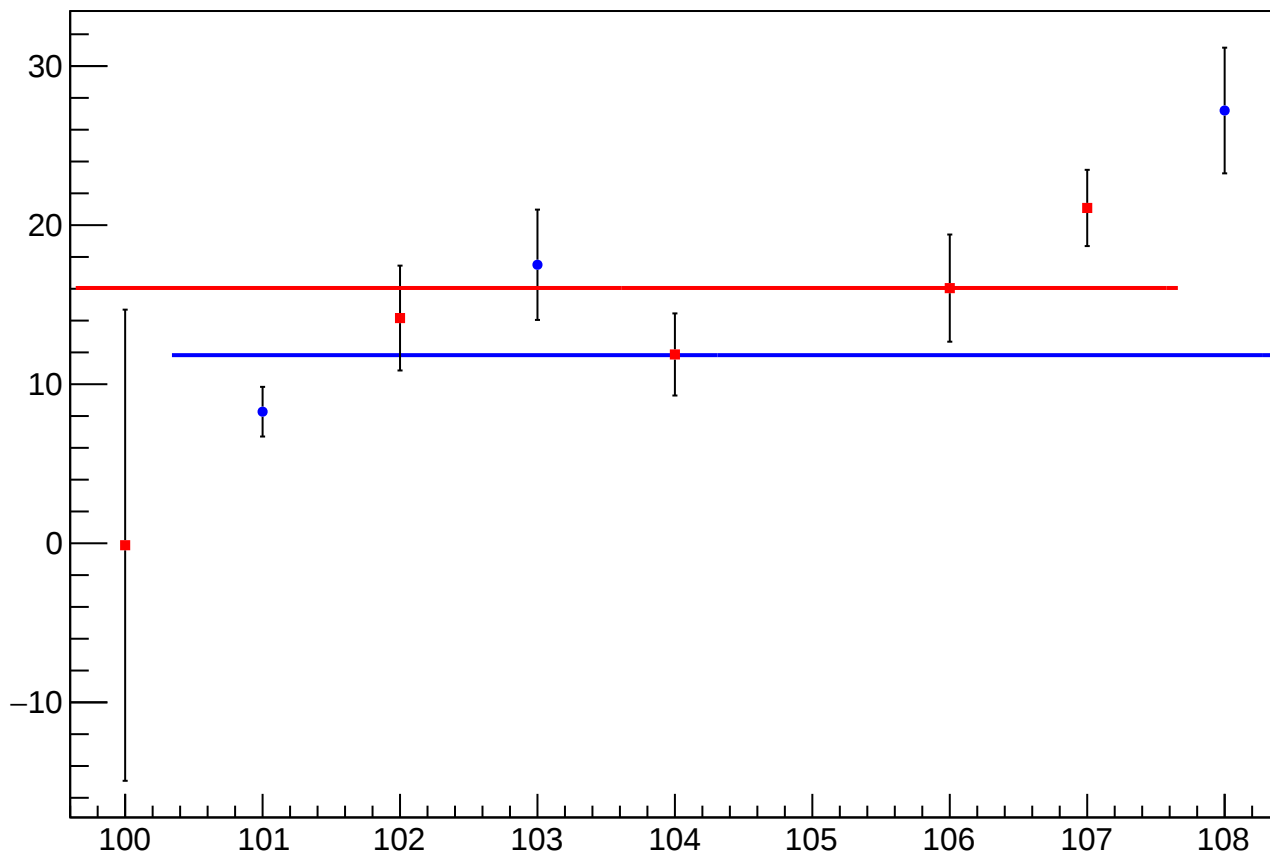
Right: -23.754 $\pm$ 1.414 χ^2 /NDF: 43.4/7

In: -25.708 $\pm$ 1.979 χ^2 /NDF: 11.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -23.754 $\pm$ 1.414 χ^2 /NDF: 43.4/7

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.827+/-1.339 χ^2/NDF : 23.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.050+/-1.402 χ^2/NDF : 8.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

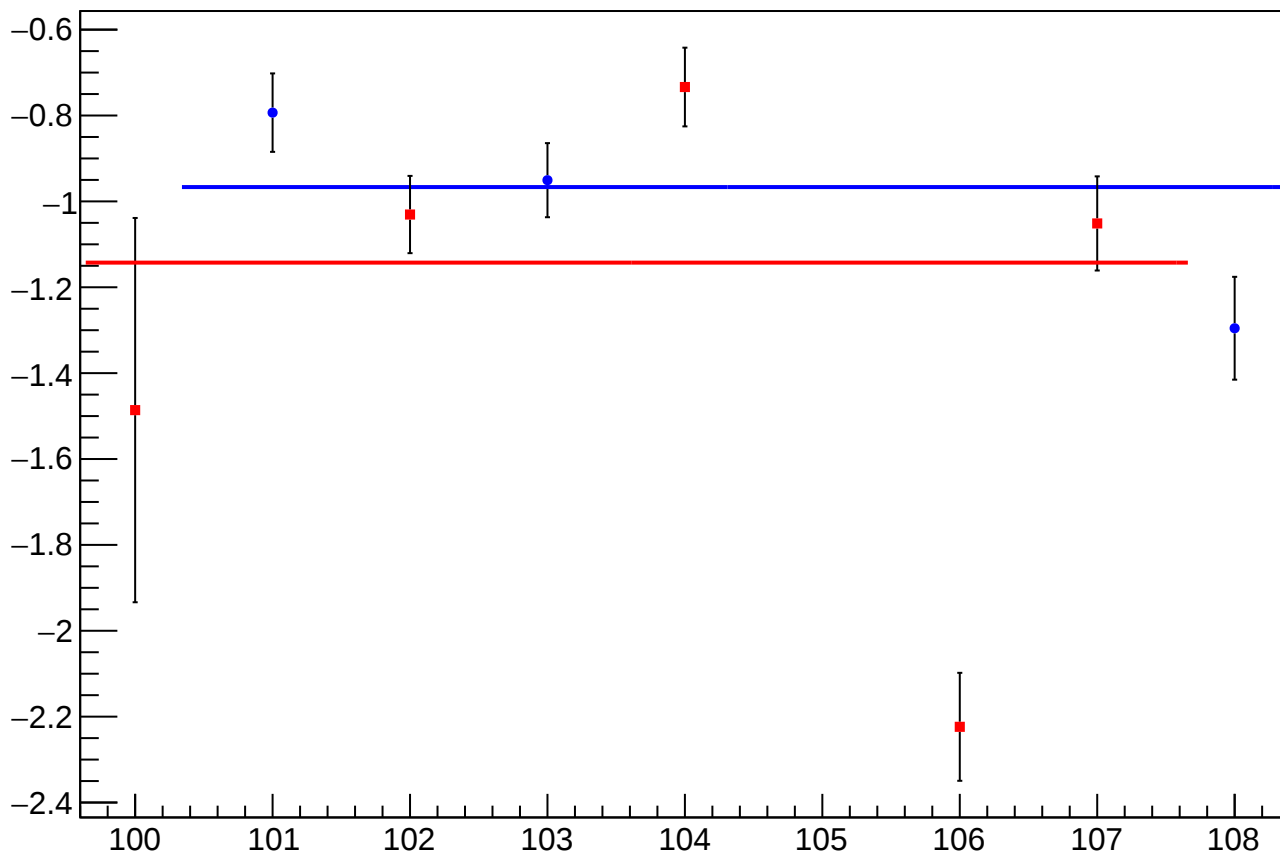
Right: 13.843+/-0.968 χ^2/NDF : 36.3/7

In: 11.827+/-1.339 χ^2/NDF : 23.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.843+/-0.968 χ^2/NDF : 36.3/7

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.967 $\pm$ 0.056 χ^2 /NDF: 11.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.143 $\pm$ 0.050 χ^2 /NDF: 96.7/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

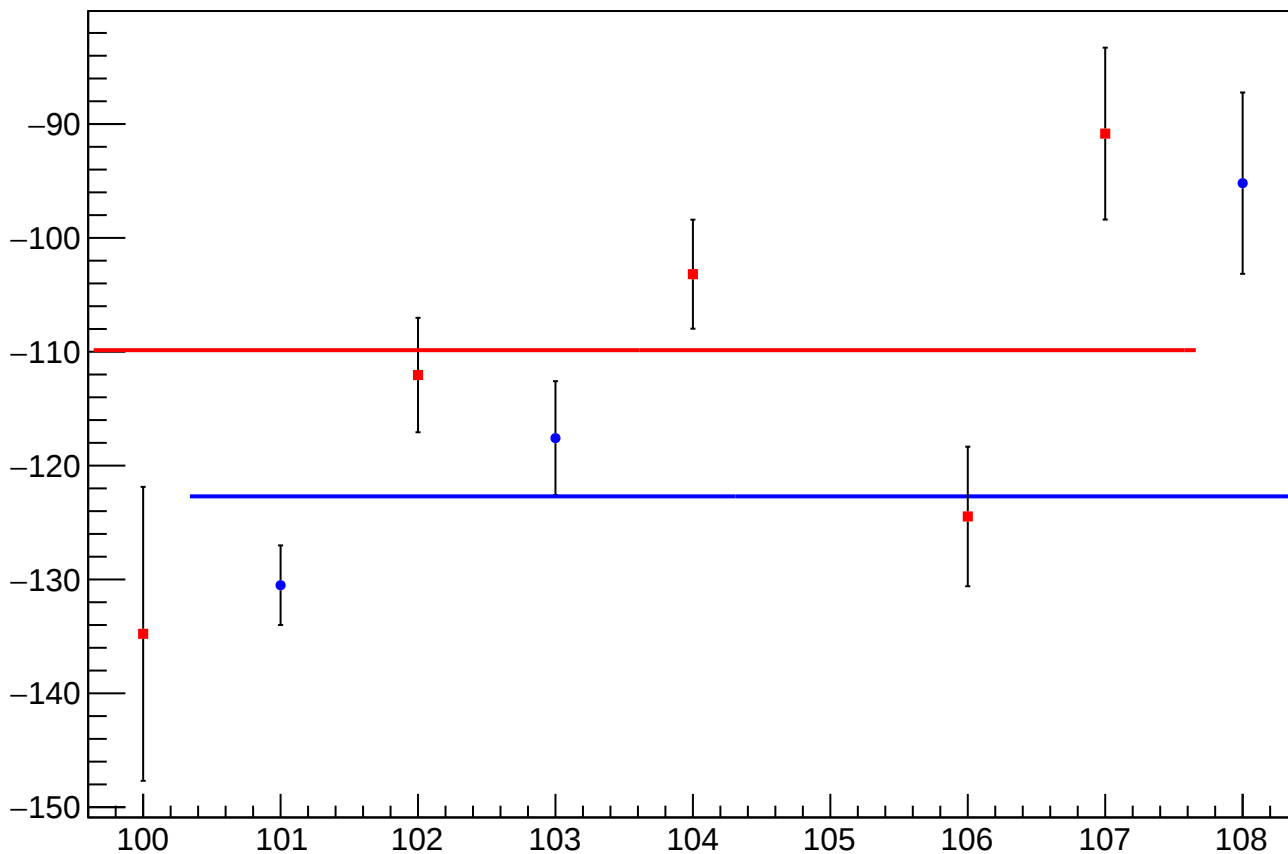
Right: -1.063 $\pm$ 0.037 χ^2 /NDF: 113.4/7

In: -0.967 $\pm$ 0.056 χ^2 /NDF:11.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.063 $\pm$ 0.037 χ^2 /NDF: 113.4/7

reg_asym_sam4_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -122.700+/-2.696 χ^2/NDF : 18.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -109.862+/-2.738 χ^2/NDF : 17.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

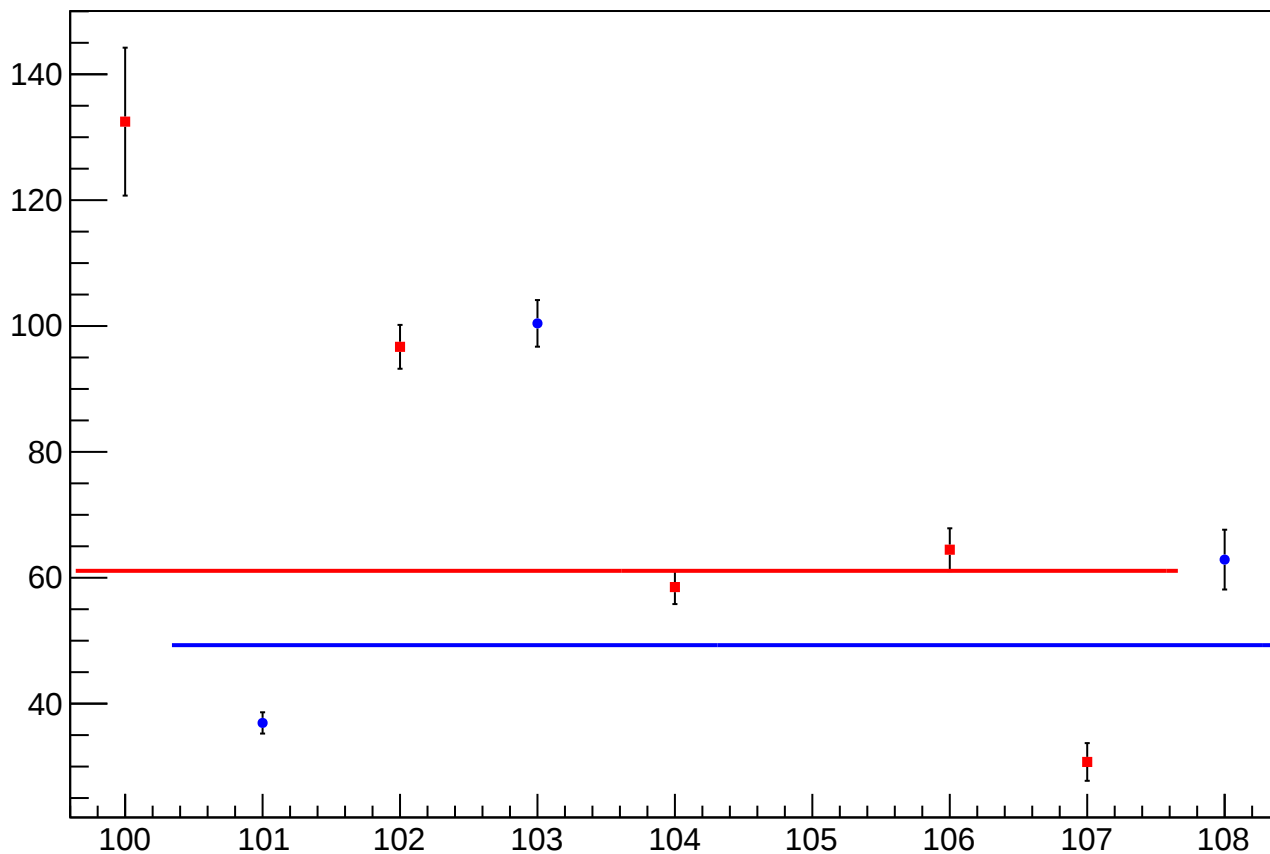
Right: -116.380+/-1.921 χ^2/NDF : 47.0/7

In: -122.700+/-2.696 χ^2/NDF : 18.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -116.380+/-1.921 χ^2/NDF : 47.0/7

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 49.291+/-1.463 χ^2/NDF : 252.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.101+/-1.535 χ^2/NDF : 246.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

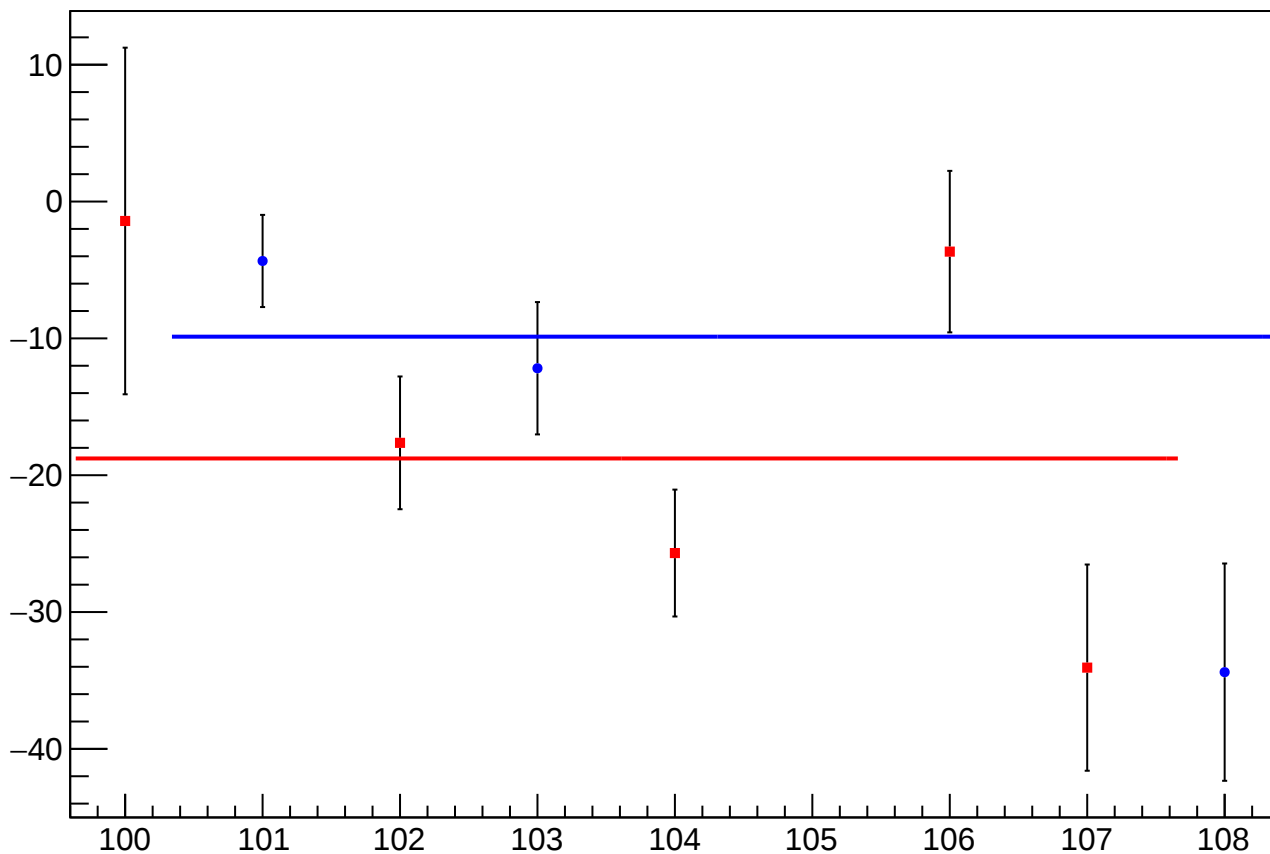
Right: 54.912+/-1.059 χ^2/NDF : 529.2/7

In: 49.291+/-1.463 χ^2/NDF : 252.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.912+/-1.059 χ^2/NDF : 529.2/7

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -9.875+/-2.610 χ^2/NDF : 12.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.776+/-2.658 χ^2/NDF : 14.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

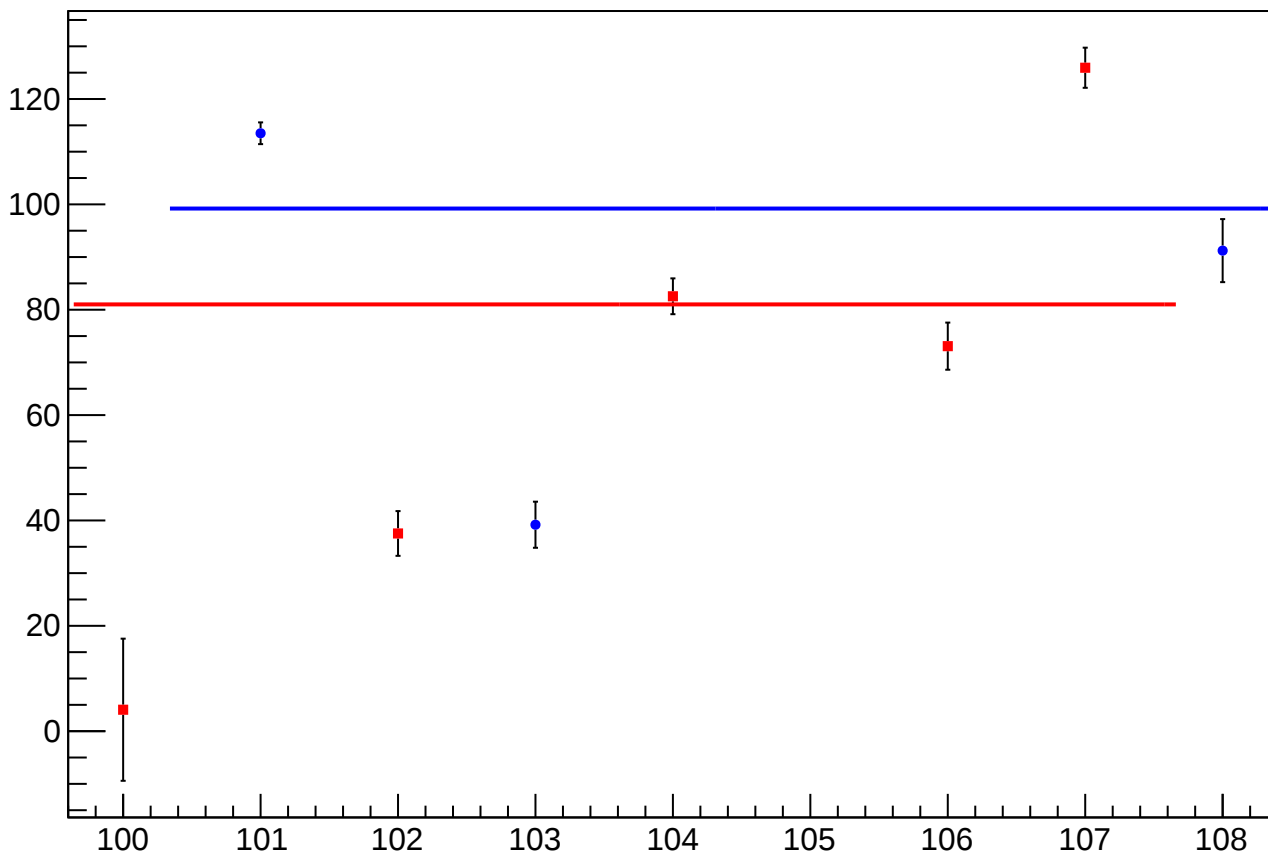
Right: -14.245+/-1.862 χ^2/NDF : 33.0/7

In: -9.875+/-2.610 χ^2/NDF : 12.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.245+/-1.862 χ^2/NDF : 33.0/7

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 99.207+/-1.781 χ^2/NDF : 237.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.011+/-1.938 χ^2/NDF : 279.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

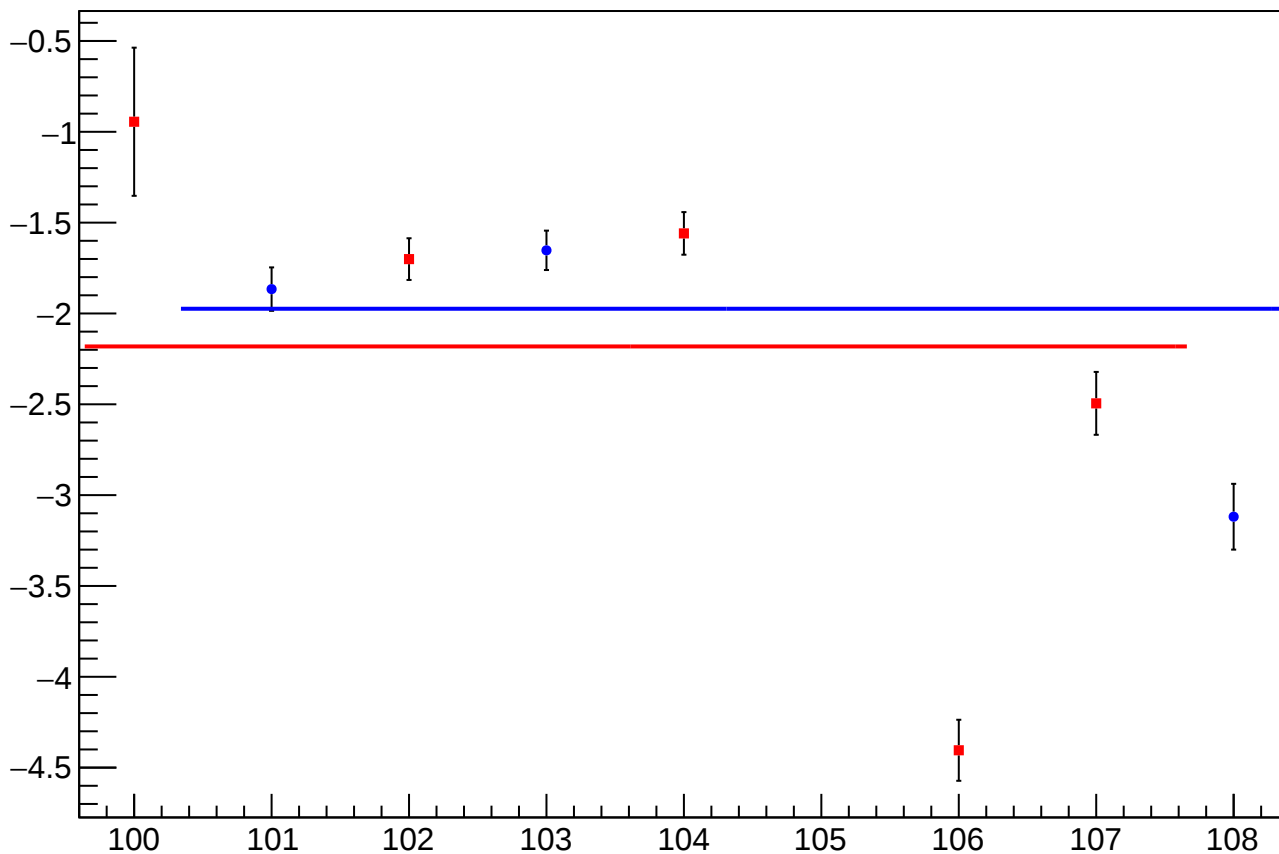
Right: 90.873+/-1.311 χ^2/NDF : 565.5/7

In: 99.207+/-1.781 χ^2/NDF : 237.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.873+/-1.311 χ^2/NDF : 565.5/7

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.974+/-0.073 χ^2/NDF : 49.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.182+/-0.067 χ^2/NDF : 233.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

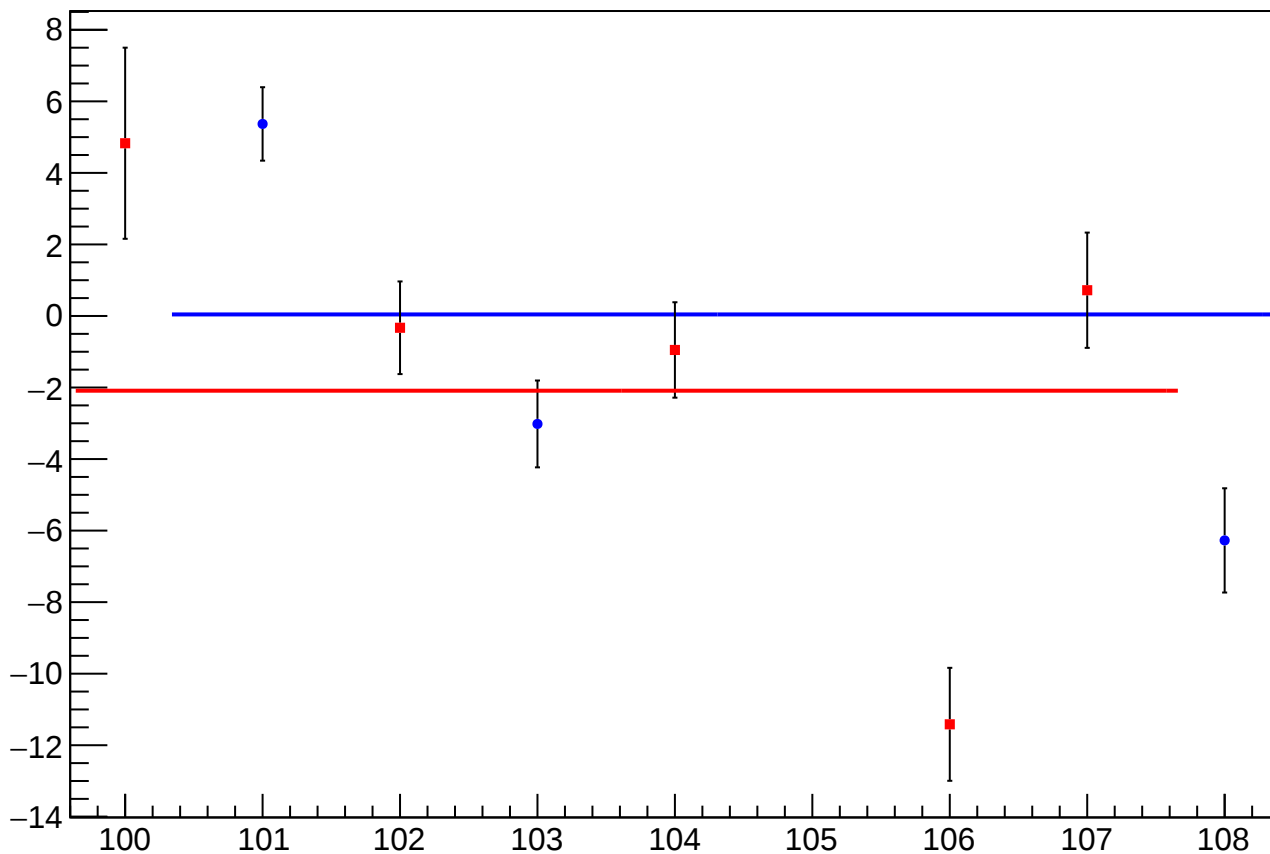
Right: -2.087+/-0.049 χ^2/NDF : 287.2/7

In: -1.974+/-0.073 χ^2/NDF : 49.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.087+/-0.049 χ^2/NDF : 287.2/7

reg_asym_sam5_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 0.043+/-0.690 χ^2/NDF : 52.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.089+/-0.693 χ^2/NDF : 47.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

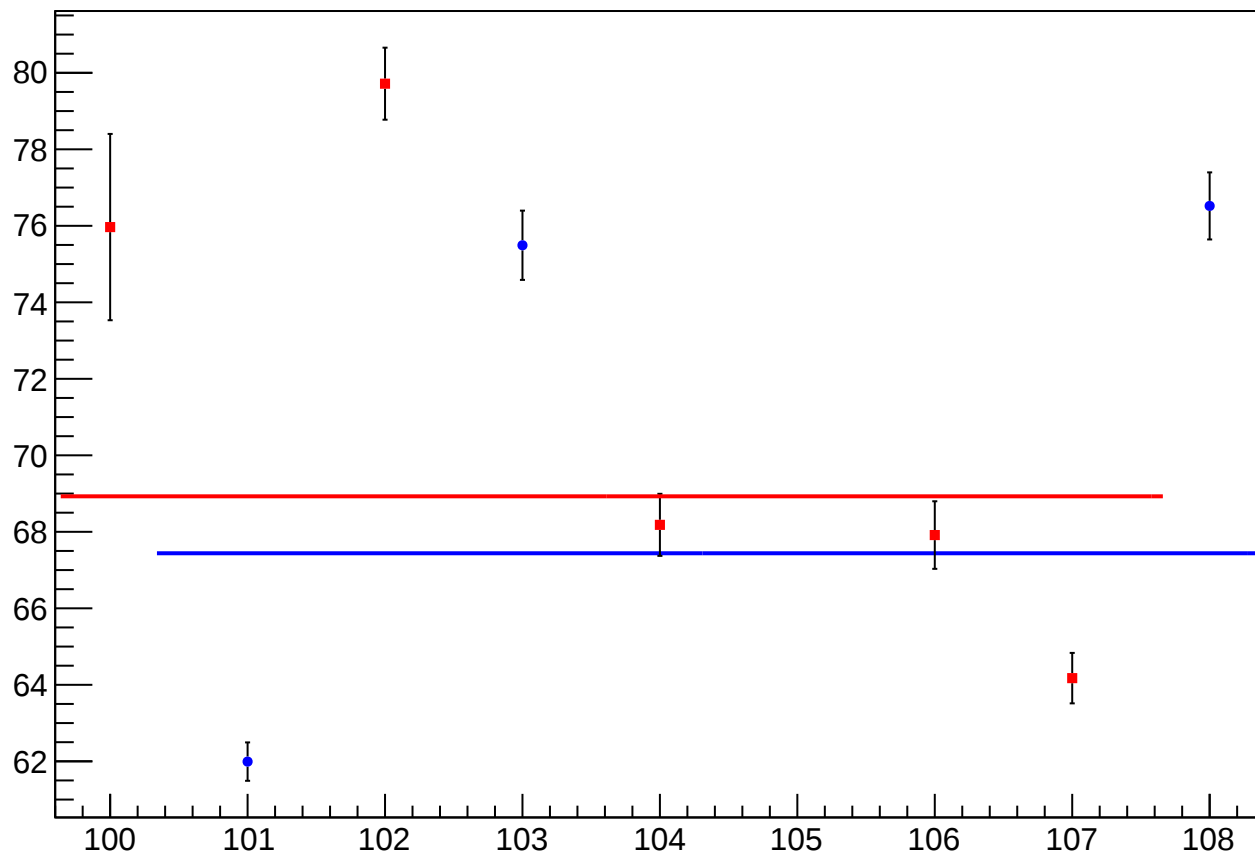
Right: -1.020+/-0.489 χ^2/NDF : 104.0/7

In: 0.043+/-0.690 χ^2/NDF : 52.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.020+/-0.489 χ^2/NDF : 104.0/7

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 67.439+/-0.392 χ^2/NDF : 304.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.928+/-0.395 χ^2/NDF : 193.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

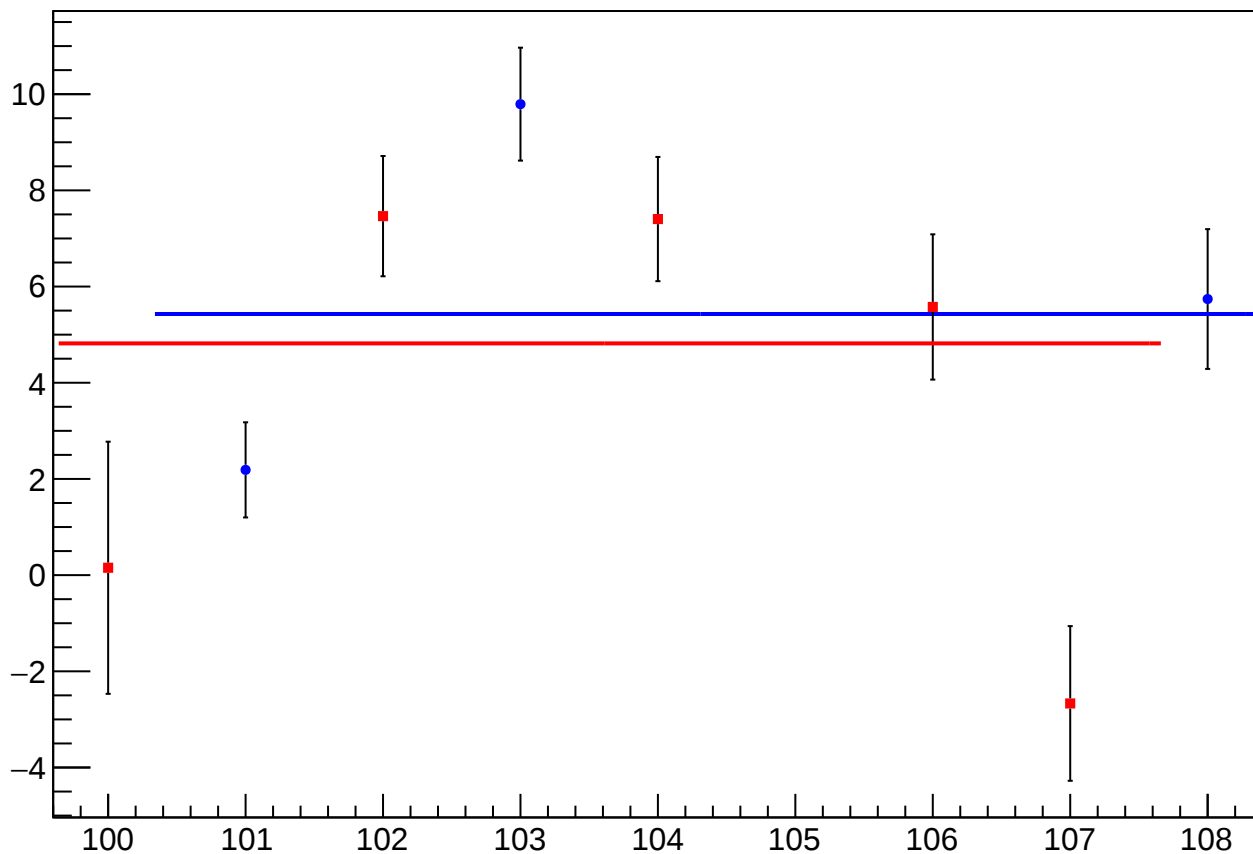
Right: 68.178+/-0.279 χ^2/NDF : 505.0/7

In: 67.439+/-0.392 χ^2/NDF : 304.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.178+/-0.279 χ^2/NDF : 505.0/7

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429+/-0.671 χ^2/NDF : 24.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.818+/-0.673 χ^2/NDF : 33.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

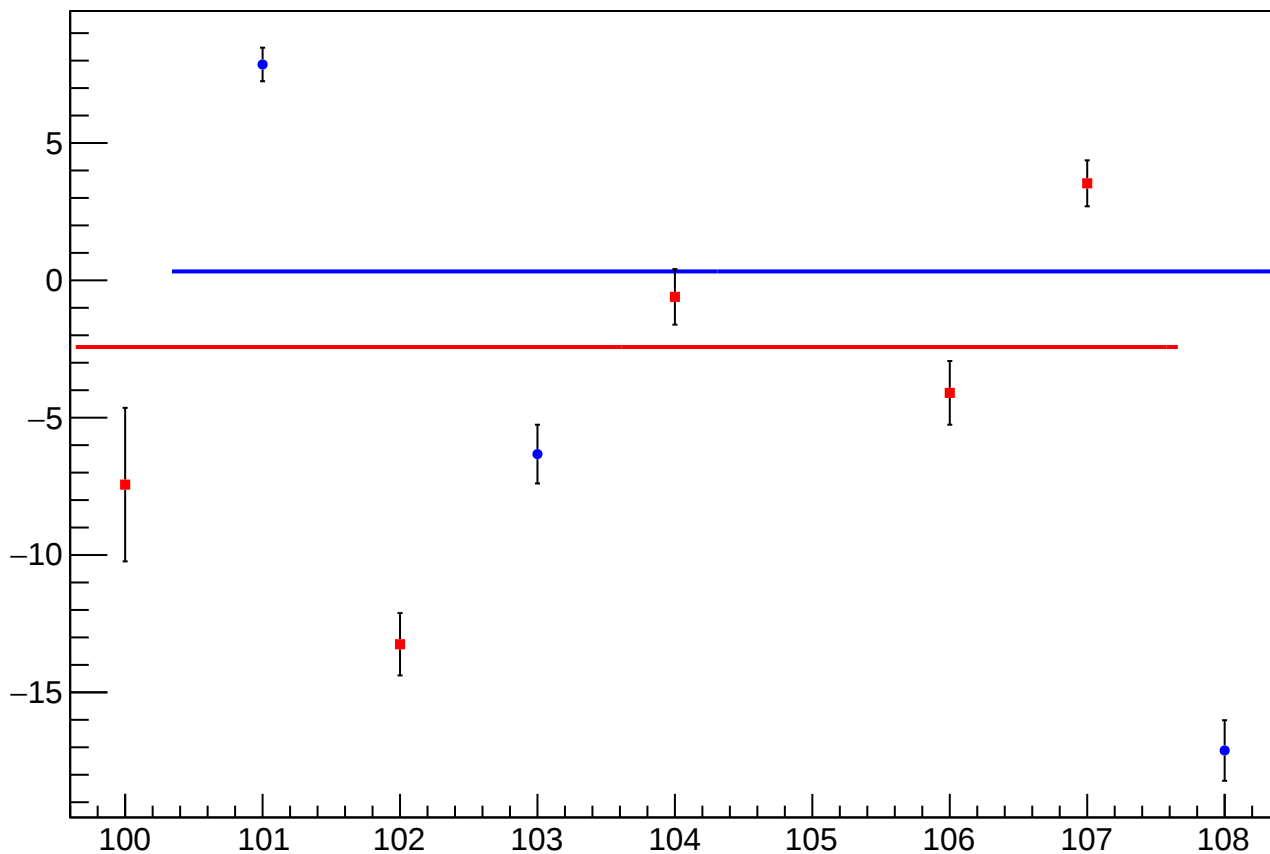
Right: 5.125+/-0.475 χ^2/NDF : 58.6/7

In: 5.429+/-0.671 χ^2/NDF : 24.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.125+/-0.475 χ^2/NDF : 58.6/7

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.325+/-0.478 χ^2/NDF : 440.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.426+/-0.497 χ^2/NDF : 150.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

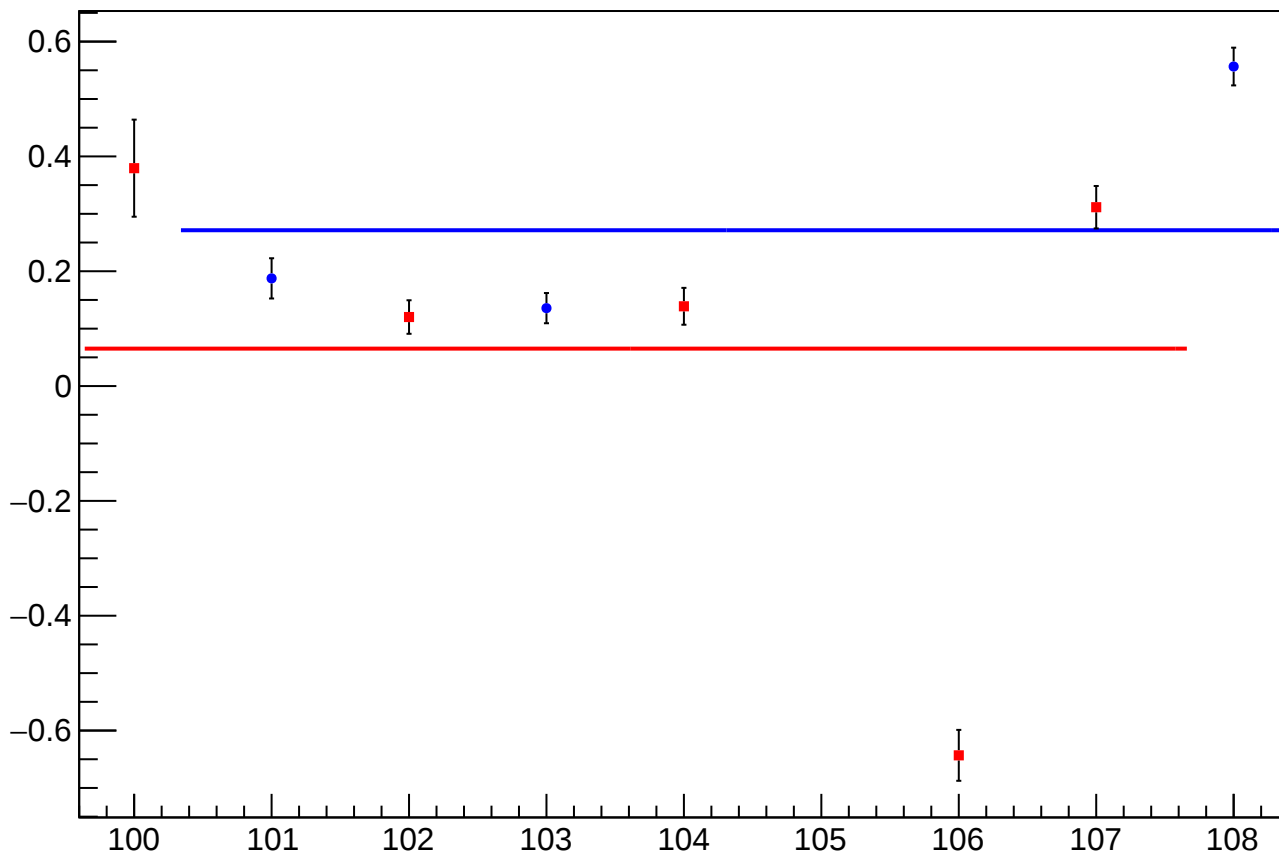
Right: -0.999+/-0.345 χ^2/NDF : 606.4/7

In: 0.325+/-0.478 χ^2/NDF : 440.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.999+/-0.345 χ^2/NDF : 606.4/7

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.271+/-0.018 χ^2/NDF : 107.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.065+/-0.017 χ^2/NDF : 322.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

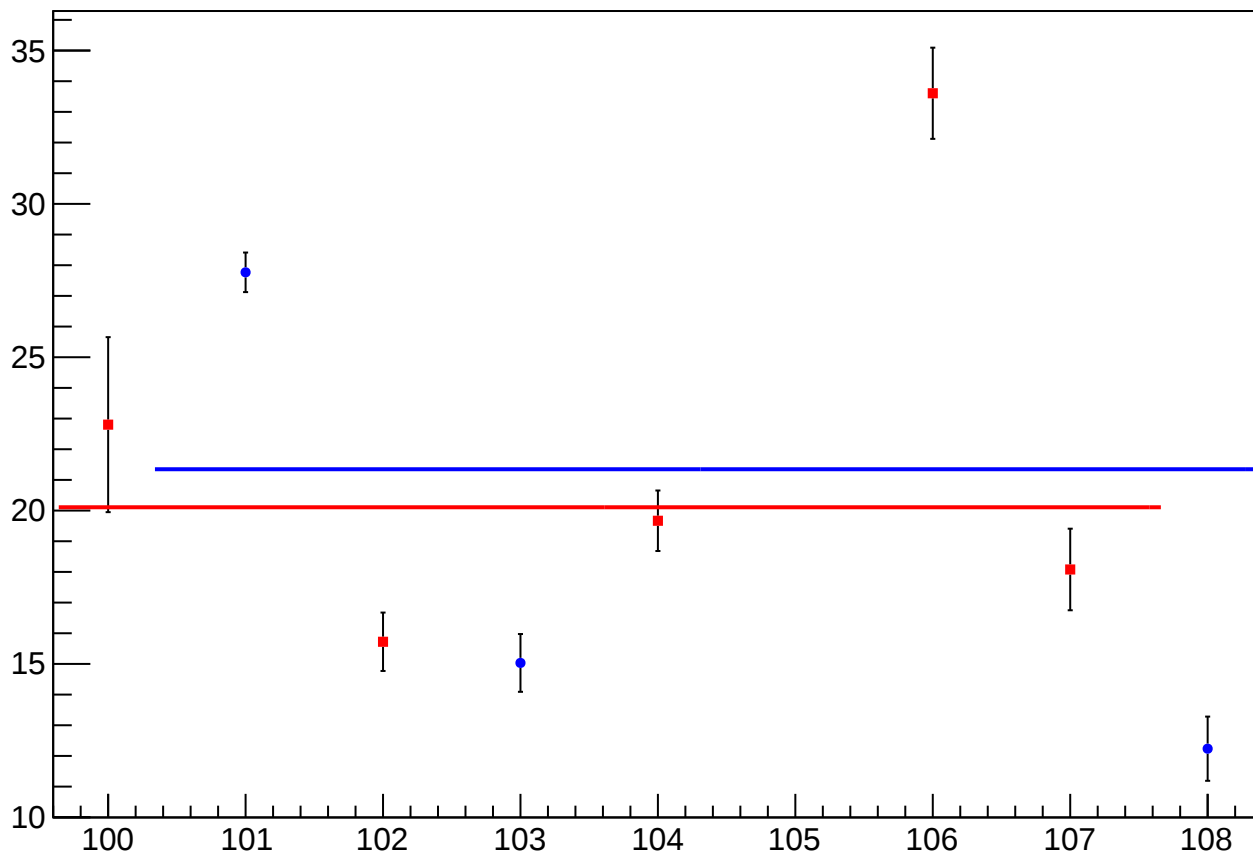
Right: 0.163+/-0.012 χ^2/NDF : 501.1/7

In: 0.271+/-0.018 χ^2/NDF : 107.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.163+/-0.012 χ^2/NDF : 501.1/7

reg_asym_sam6_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 21.348 ± 0.474 $\chi^2/\text{NDF}: 219.8/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 20.108 ± 0.553 $\chi^2/\text{NDF}: 107.1/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

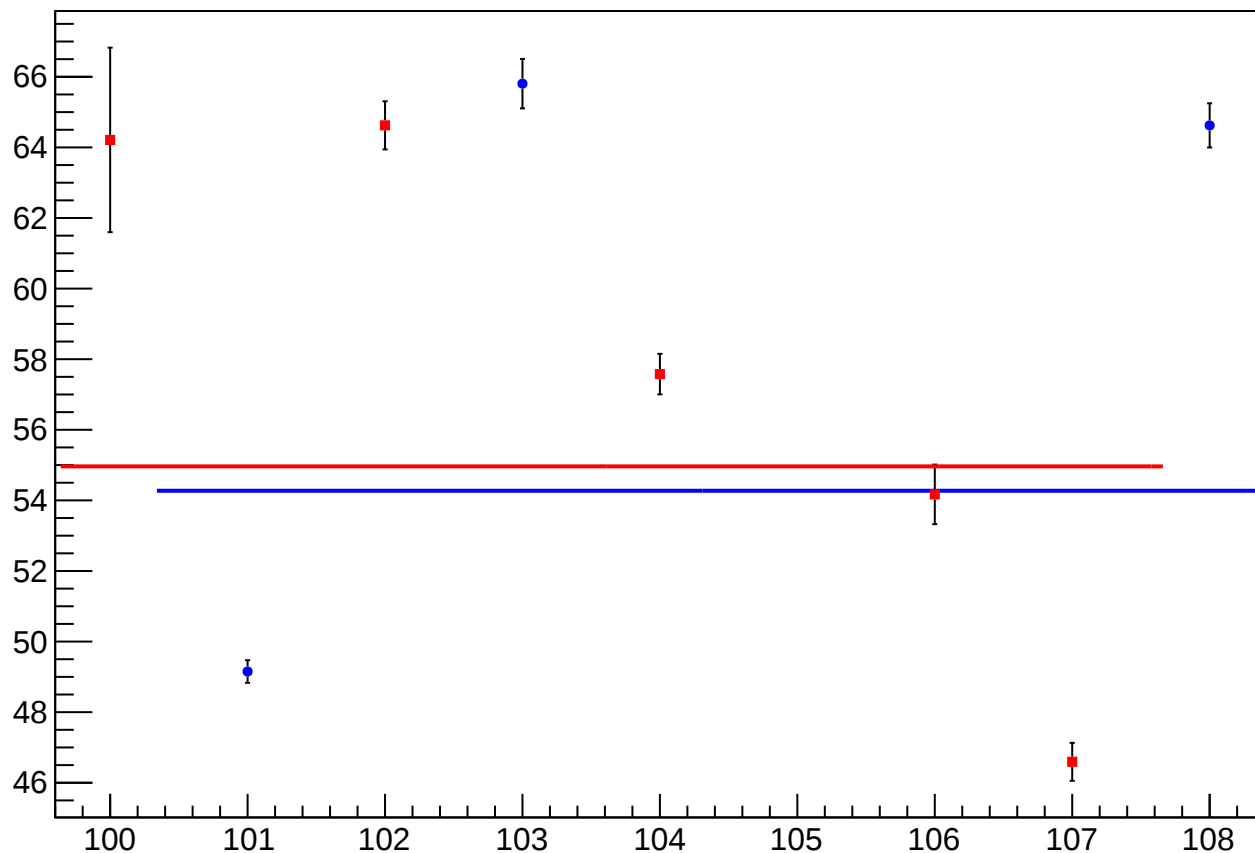
Right: 20.822 ± 0.360 $\chi^2/\text{NDF}: 329.8/7$

In: 21.348 ± 0.474 $\chi^2/\text{NDF}: 219.8/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 20.822 ± 0.360 $\chi^2/\text{NDF}: 329.8/7$

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 54.273+/-0.264 χ^2/NDF : 800.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.964+/-0.313 χ^2/NDF : 477.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

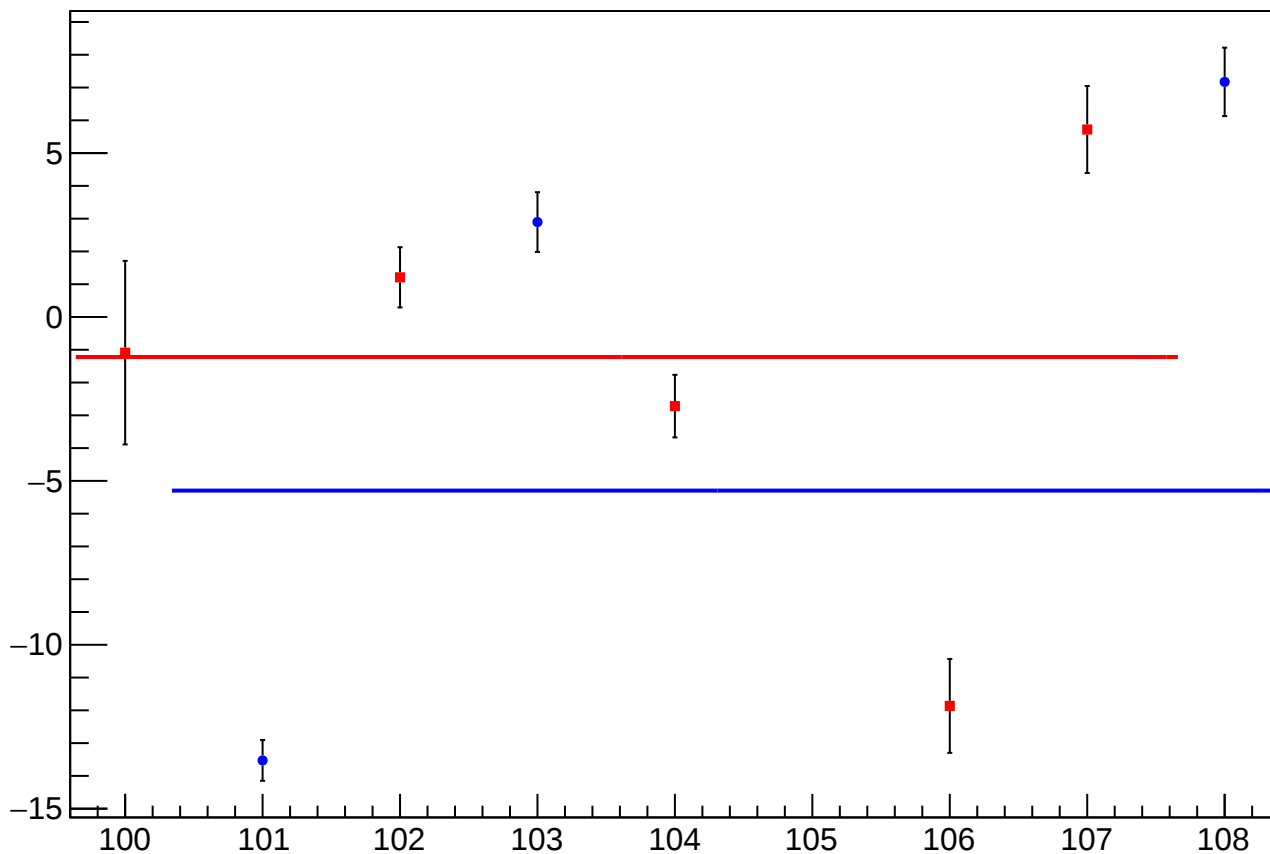
Right: 54.560+/-0.202 χ^2/NDF : 1280.6/7

In: 54.273+/-0.264 χ^2/NDF : 800.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.560+/-0.202 χ^2/NDF : 1280.6/7

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.296 $\pm$ 0.461 χ^2 /NDF: 398.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.220 $\pm$ 0.537 χ^2 /NDF: 92.0/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

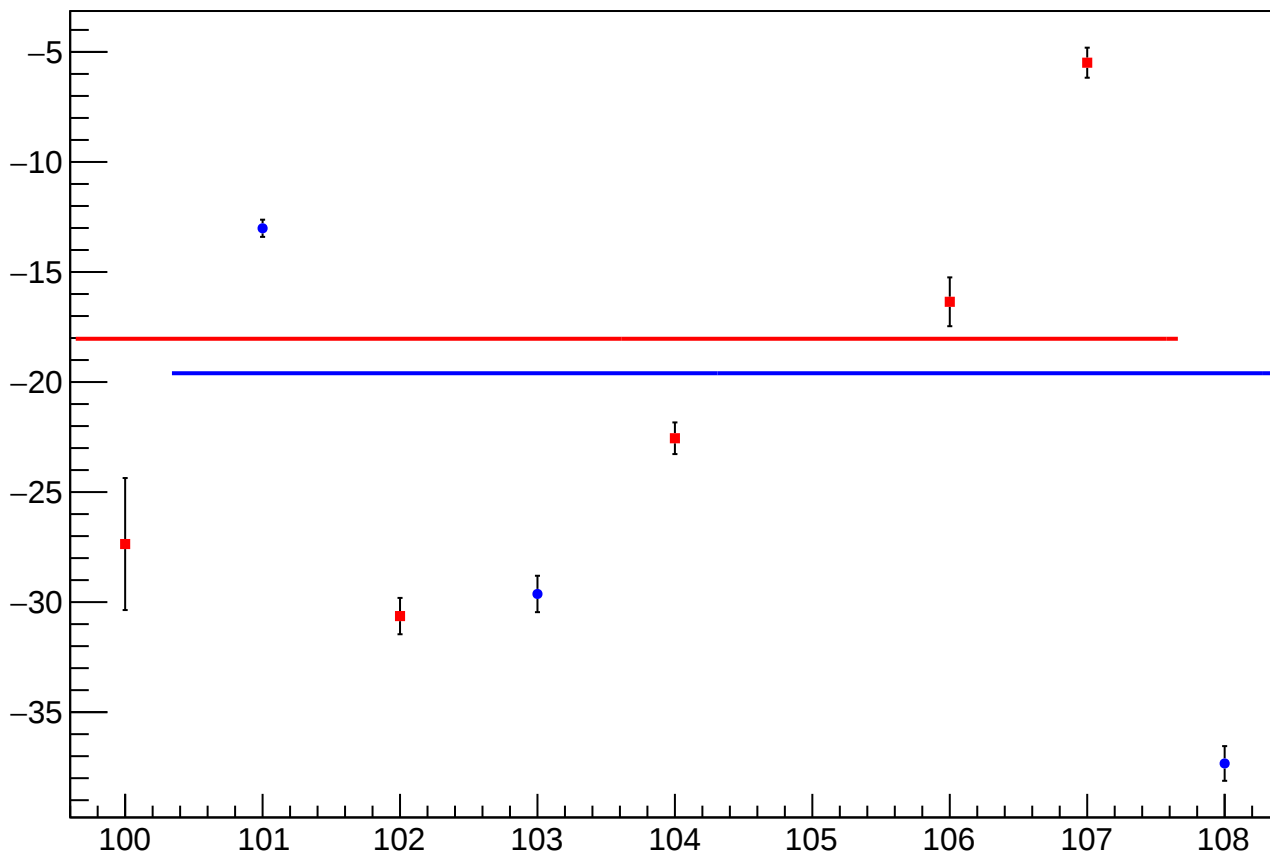
Right: -3.569 $\pm$ 0.350 χ^2 /NDF: 524.1/7

In: -5.296 $\pm$ 0.461 χ^2 /NDF:398.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3.569 $\pm$ 0.350 χ^2 /NDF: 524.1/7

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -19.600 $\pm$ 0.322 χ^2 /NDF: 937.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -18.034 $\pm$ 0.393 χ^2 /NDF: 622.0/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

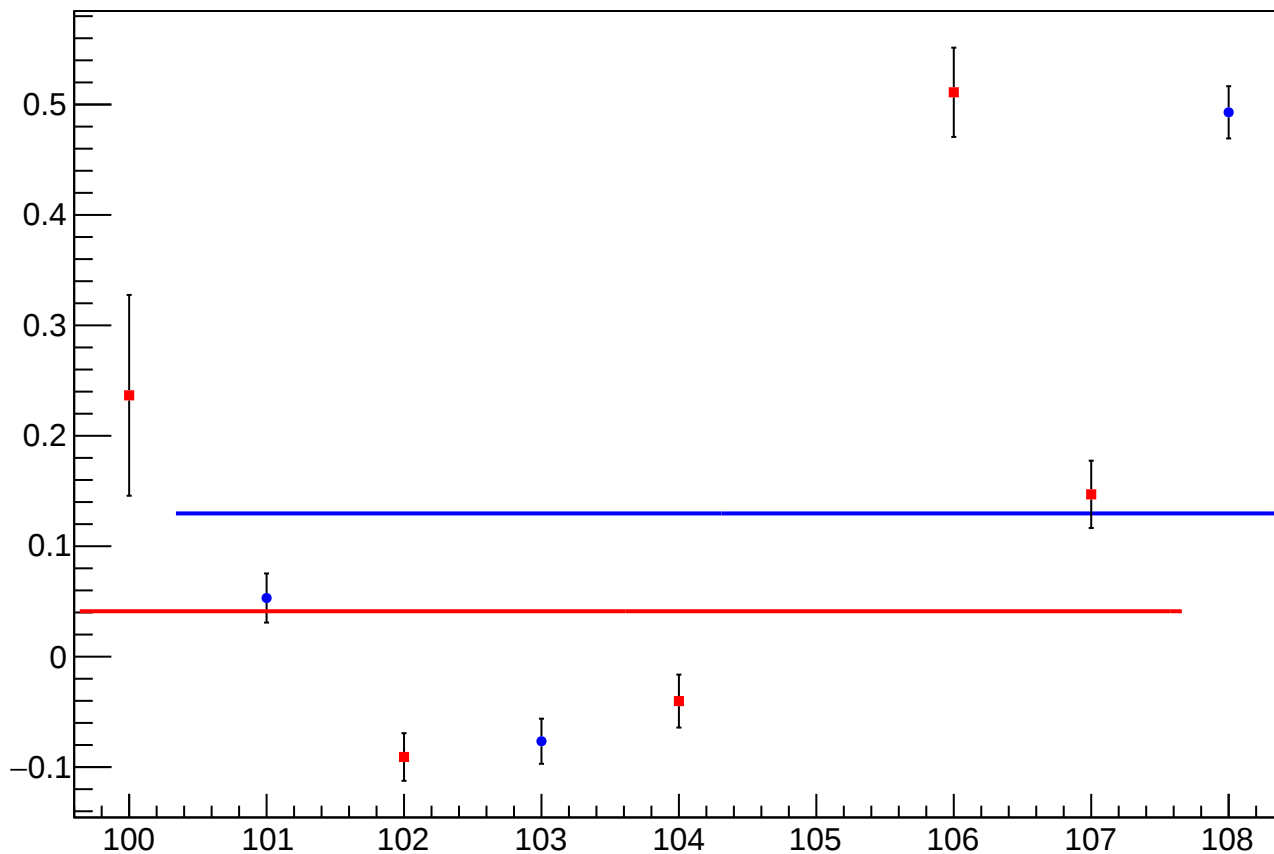
Right: -18.971 $\pm$ 0.249 χ^2 /NDF: 1569.4/7

In: -19.600 $\pm$ 0.322 χ^2 /NDF: 937.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -18.971 $\pm$ 0.249 χ^2 /NDF: 1569.4/7

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130+/-0.013 χ^2/NDF : 349.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.041+/-0.013 χ^2/NDF : 200.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

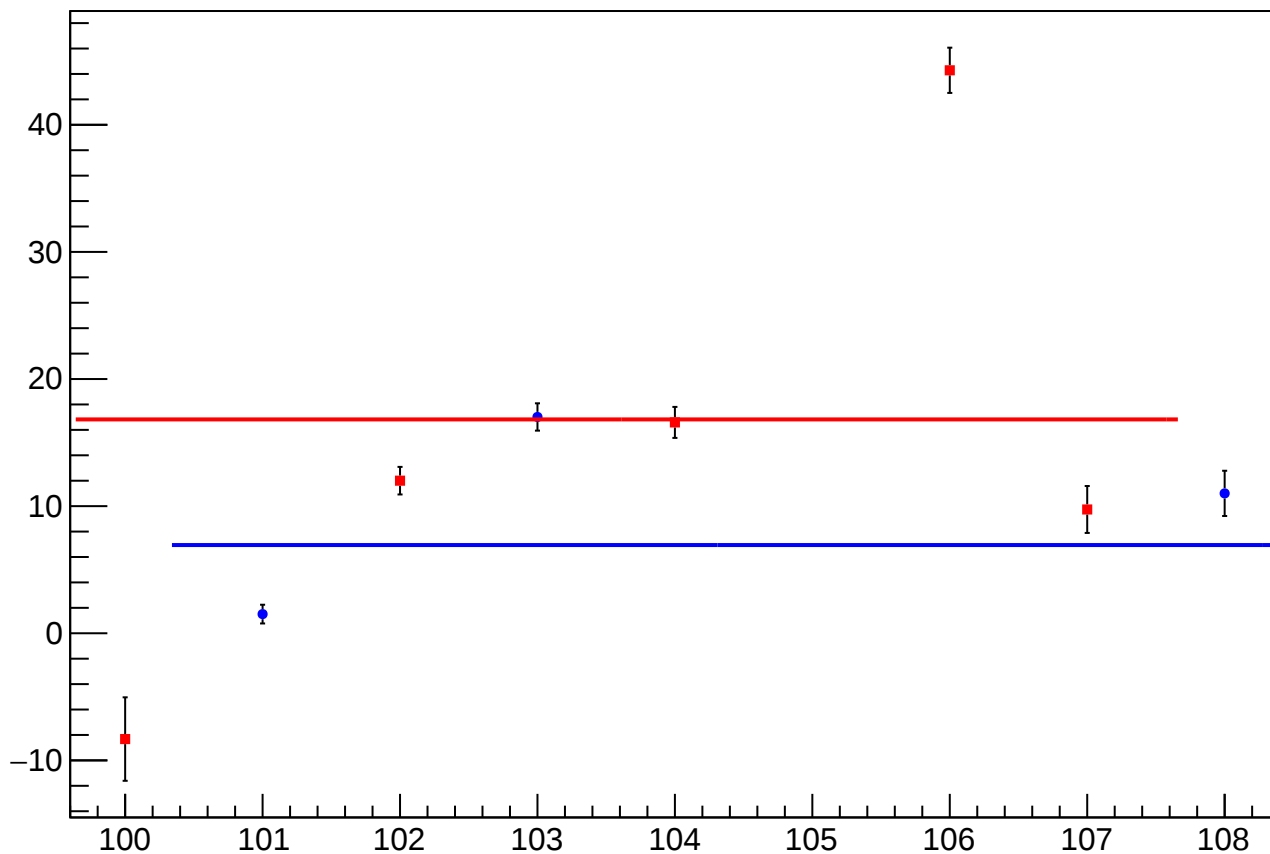
Right: 0.087+/-0.009 χ^2/NDF : 573.8/7

In: 0.130+/-0.013 χ^2/NDF : 349.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.087+/-0.009 χ^2/NDF : 573.8/7

reg_asym_sam7_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 6.940+/-0.575 χ^2/NDF : 147.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.824+/-0.670 χ^2/NDF : 331.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

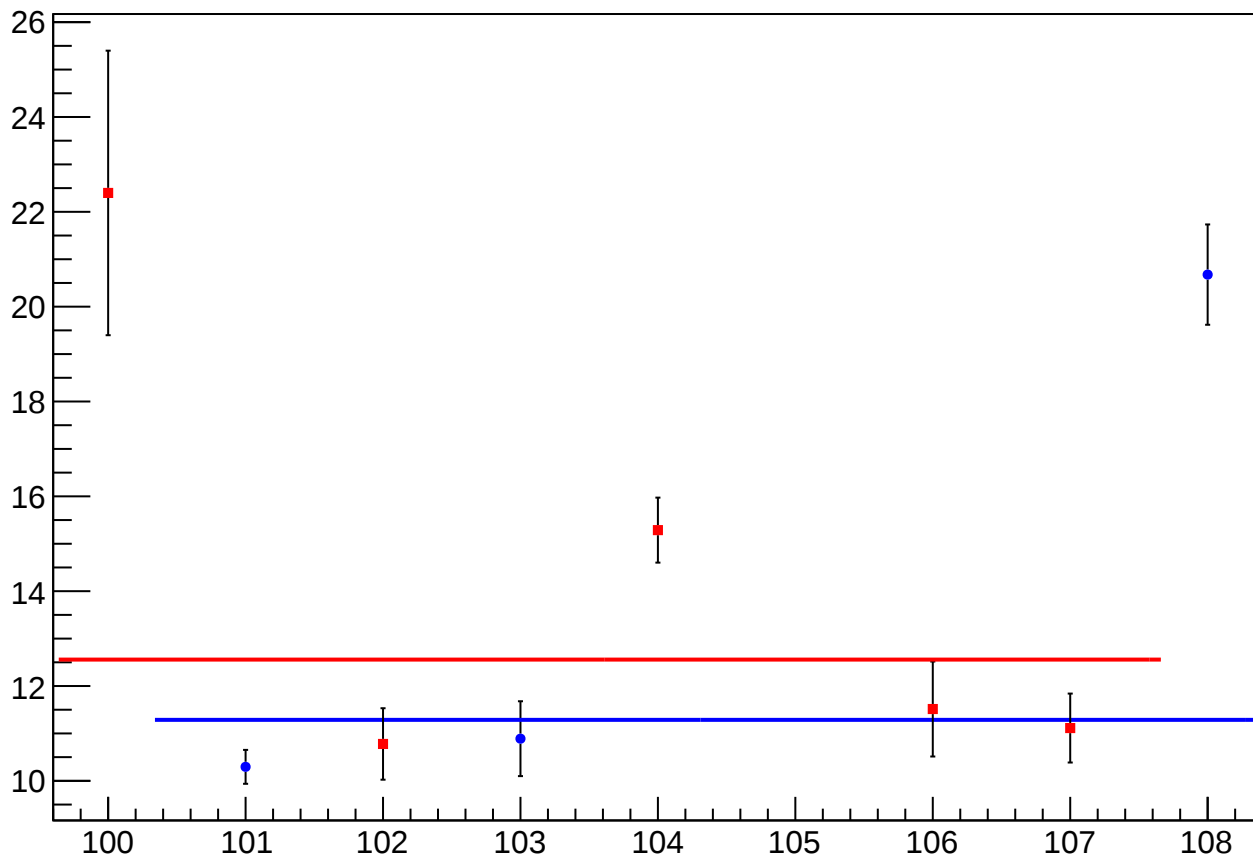
Right: 11.130+/-0.436 χ^2/NDF : 603.9/7

In: 6.940+/-0.575 χ^2/NDF : 147.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.130+/-0.436 χ^2/NDF : 603.9/7

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.286+/-0.311 χ^2/NDF : 86.7/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 12.557+/-0.381 χ^2/NDF : 37.2/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

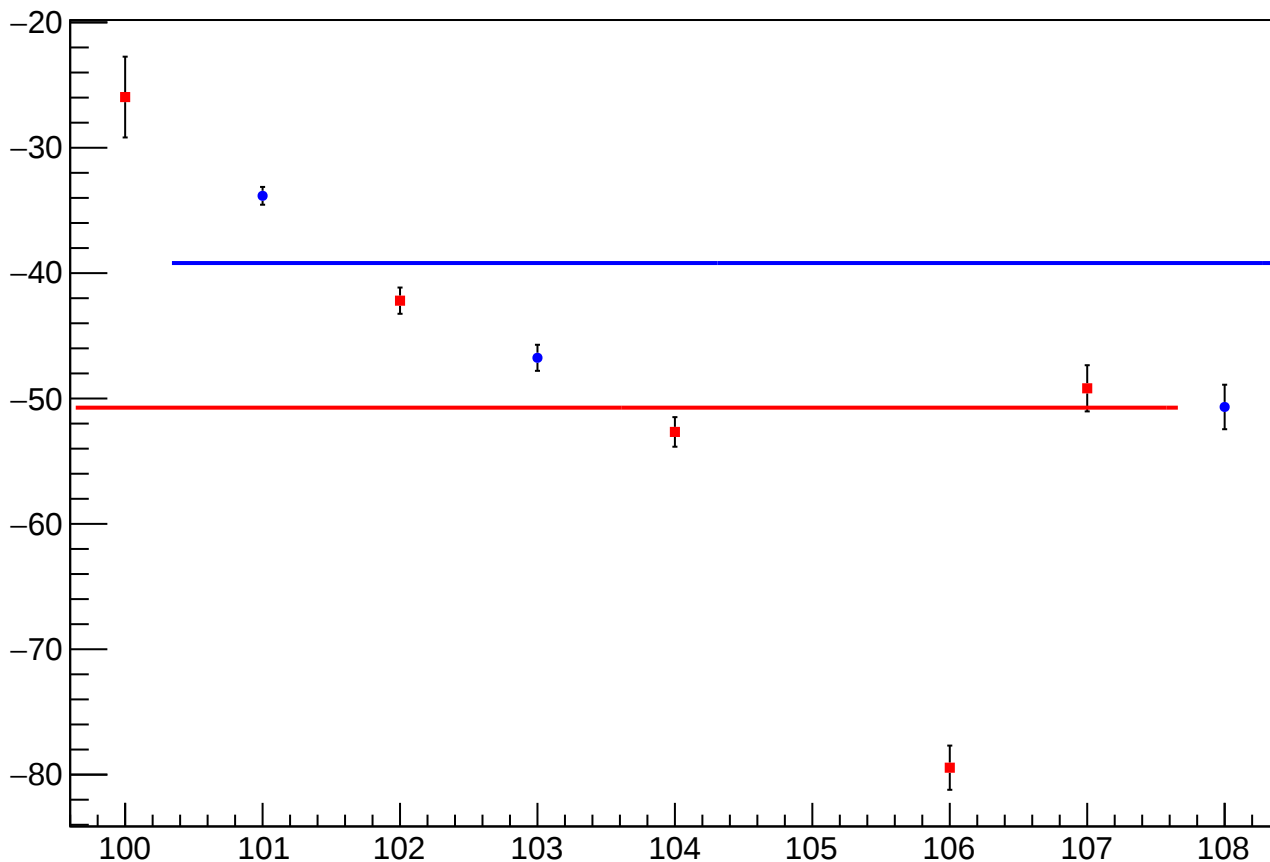
Right: 11.795+/-0.241 χ^2/NDF : 130.6/7

In: 11.286+/-0.311 χ^2/NDF :86.7/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 11.795+/-0.241 χ^2/NDF : 130.6/7

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -39.195 ± 0.557 χ^2/NDF : 151.8/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -50.730 ± 0.653 χ^2/NDF : 394.2/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

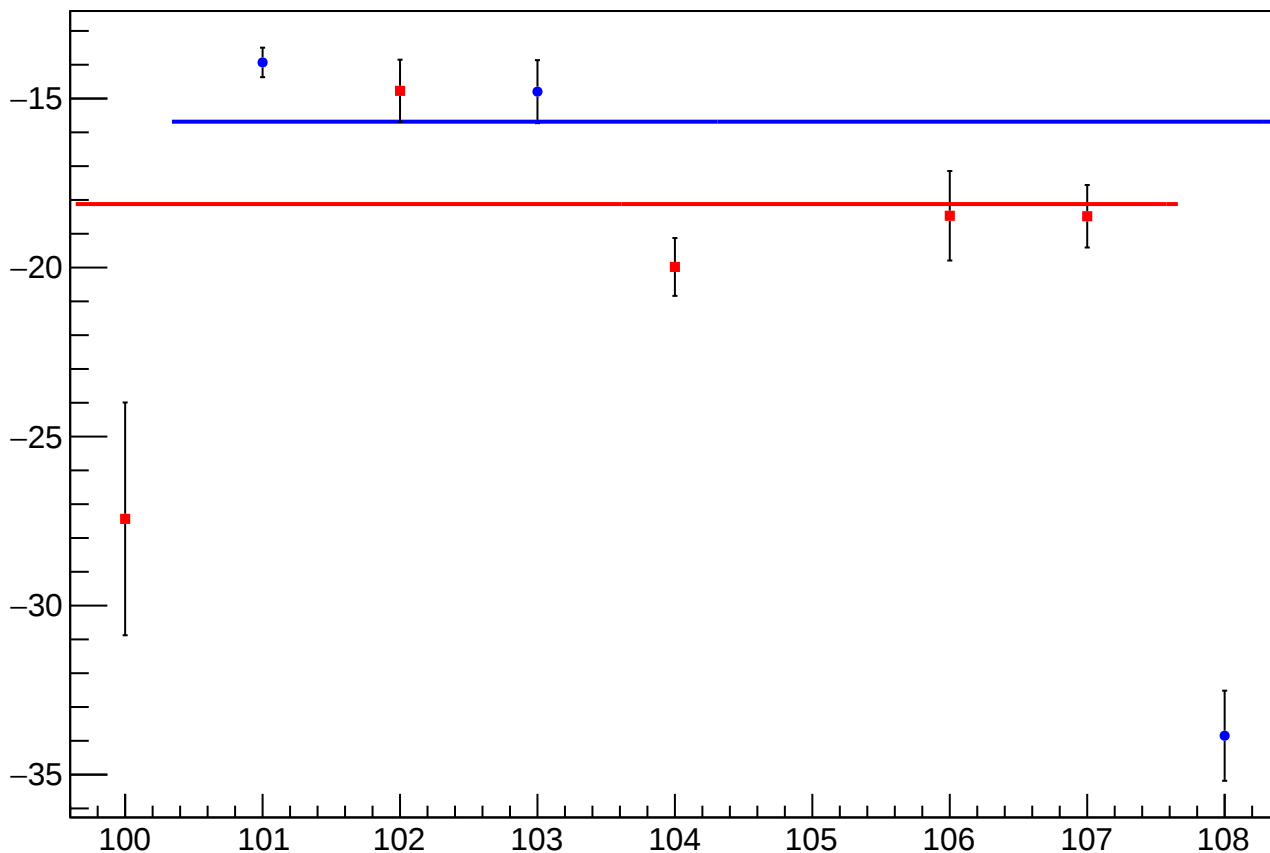
Right: -44.046 ± 0.424 χ^2/NDF : 726.6/7

In: -39.195 ± 0.557 χ^2/NDF : 151.8/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -44.046 ± 0.424 χ^2/NDF : 726.6/7

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -15.684 $\pm$ 0.379 χ^2 /NDF: 202.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -18.122 $\pm$ 0.478 χ^2 /NDF: 25.5/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

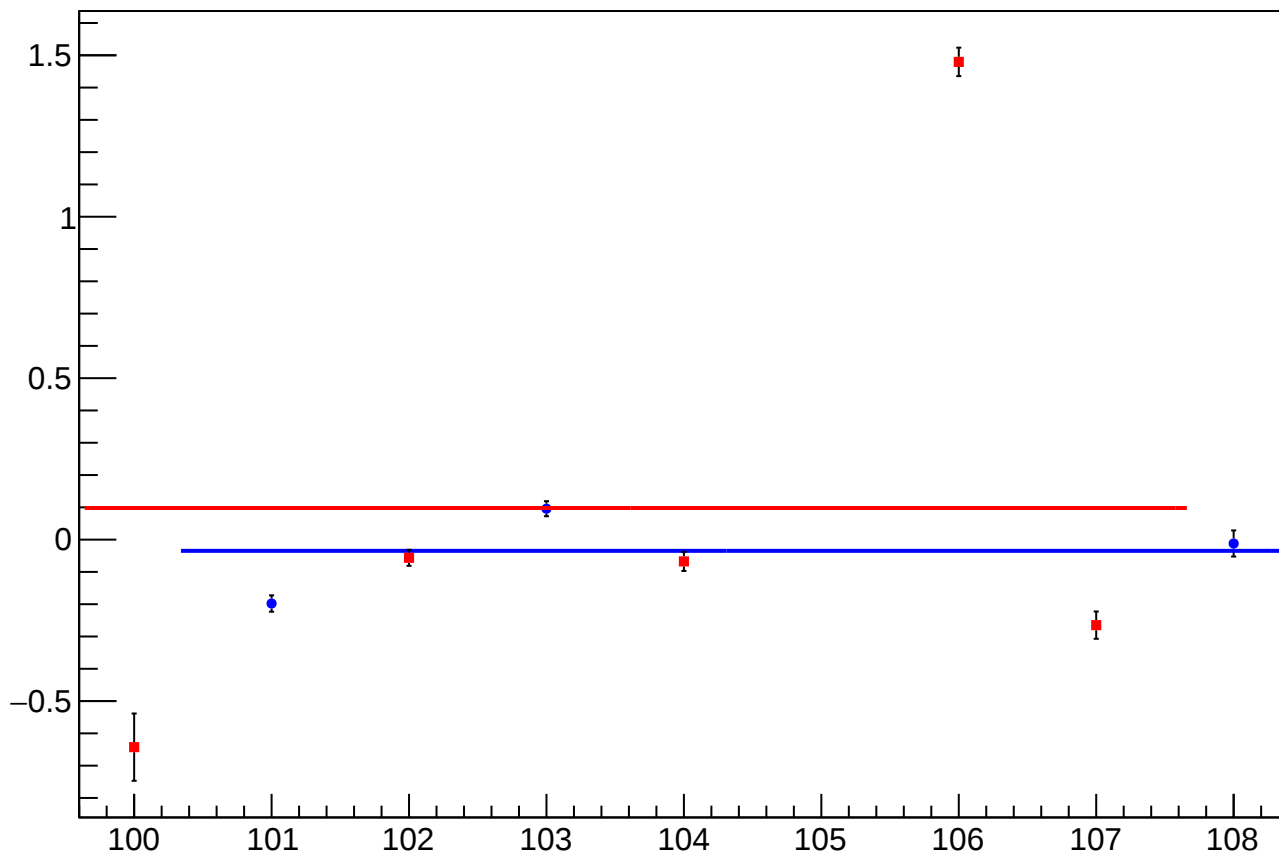
Right: -16.624 $\pm$ 0.297 χ^2 /NDF: 244.1/7

In: -15.684 $\pm$ 0.379 χ^2 /NDF: 202.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -16.624 $\pm$ 0.297 χ^2 /NDF: 244.1/7

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.035+/-0.016 χ^2/NDF : 73.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.098+/-0.016 χ^2/NDF : 1176.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

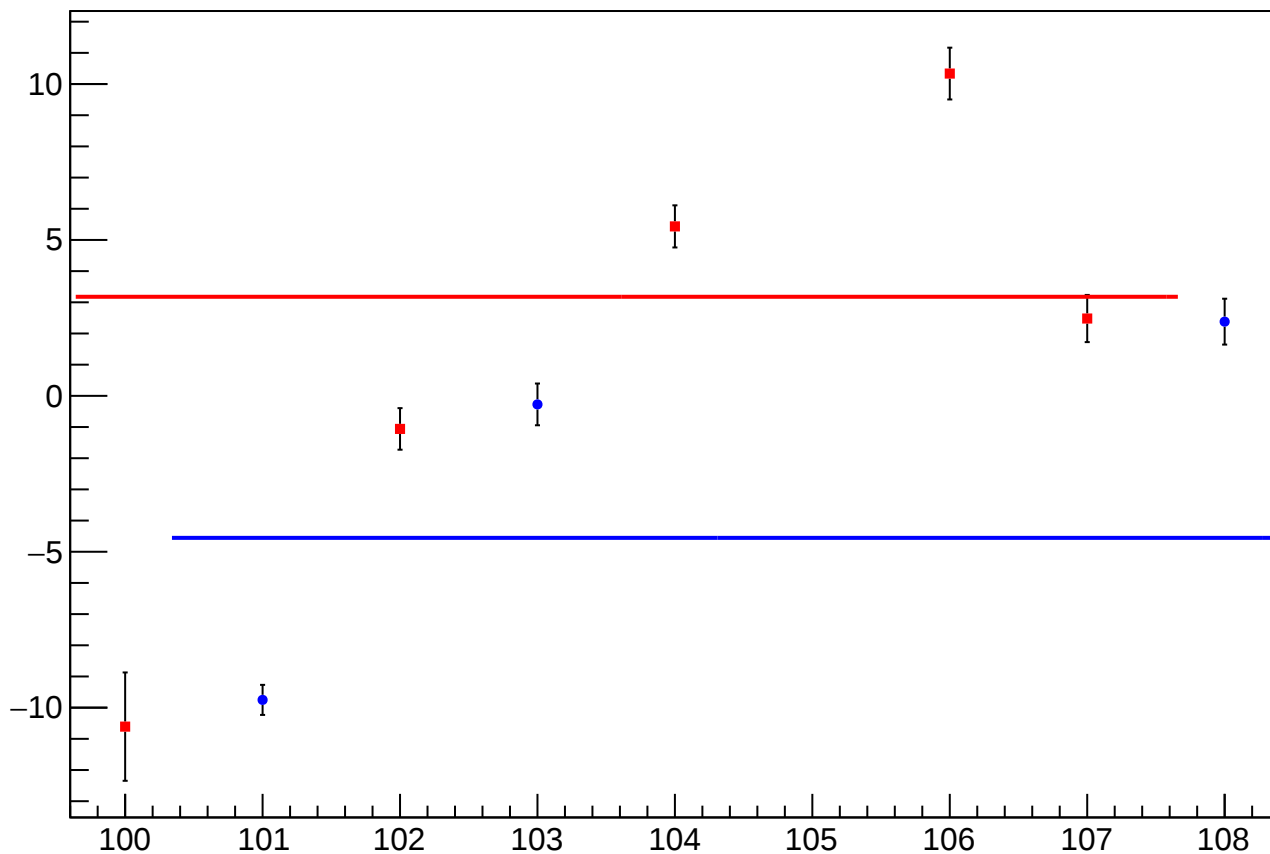
Right: 0.031+/-0.011 χ^2/NDF : 1285.0/7

In: -0.035+/-0.016 χ^2/NDF : 73.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.011 χ^2/NDF : 1285.0/7

reg_asym_sam8_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -4.554+/-0.345 χ^2/NDF : 246.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.178+/-0.354 χ^2/NDF : 189.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

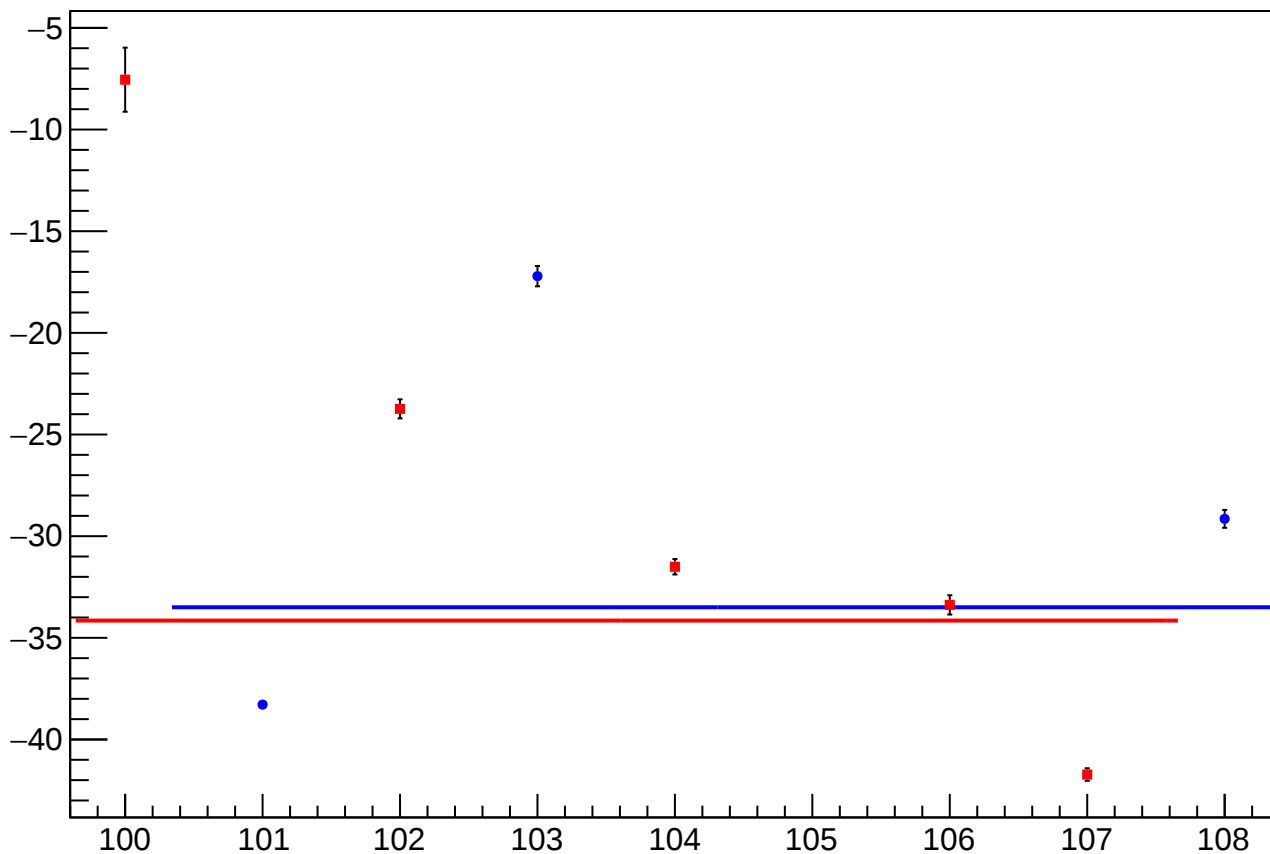
Right: -0.786+/-0.247 χ^2/NDF : 679.9/7

In: -4.554+/-0.345 χ^2/NDF : 246.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.786+/-0.247 χ^2/NDF : 679.9/7

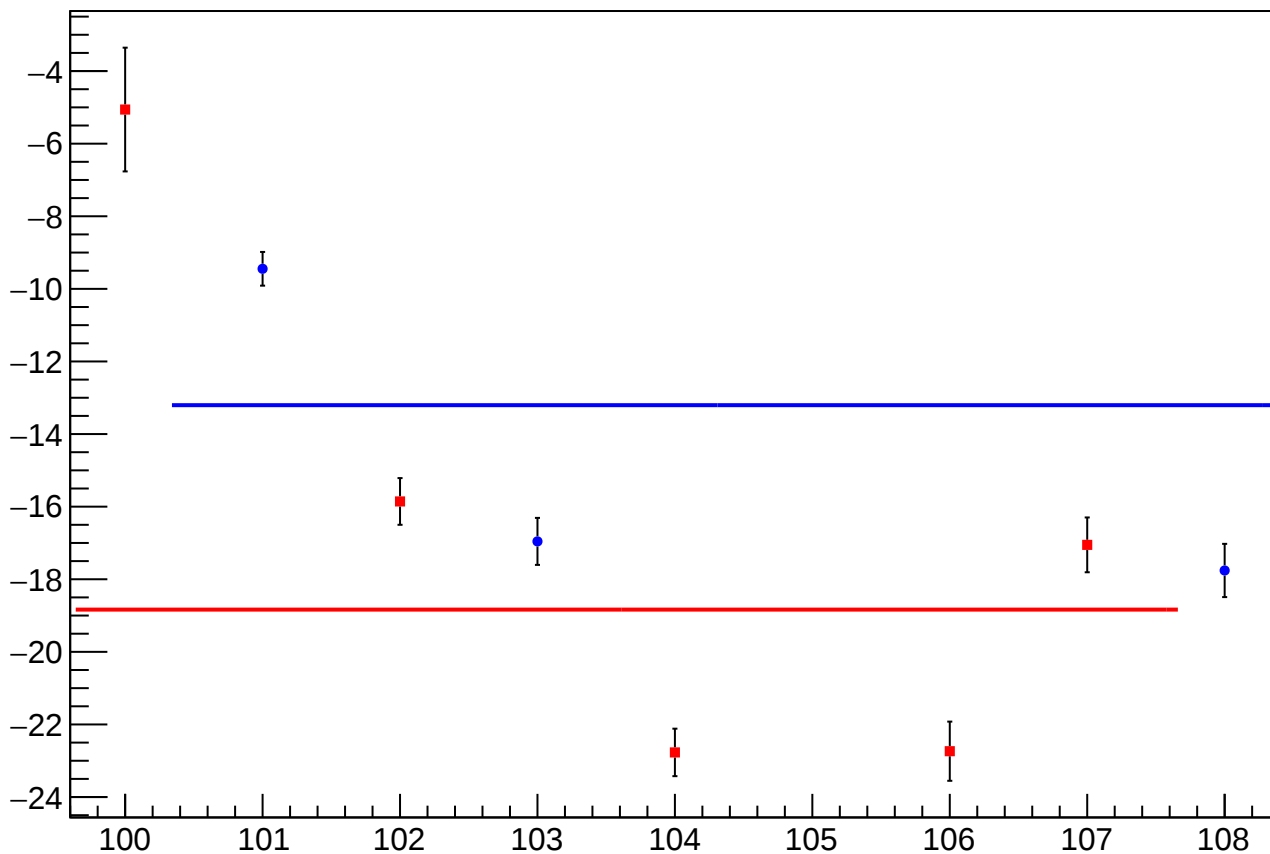
reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -33.497 $\pm$ 0.191 χ^2 /NDF: 1579.6/2
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -34.151 $\pm$ 0.193 χ^2 /NDF: 1437.0/4
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -33.820 $\pm$ 0.136 χ^2 /NDF: 3022.5/7
 In: -33.497 $\pm$ 0.191 χ^2 /NDF:1579.6/2
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -33.820 $\pm$ 0.136 χ^2 /NDF: 3022.5/7

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -13.204+/-0.336 χ^2/NDF : 137.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.836+/-0.346 χ^2/NDF : 151.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

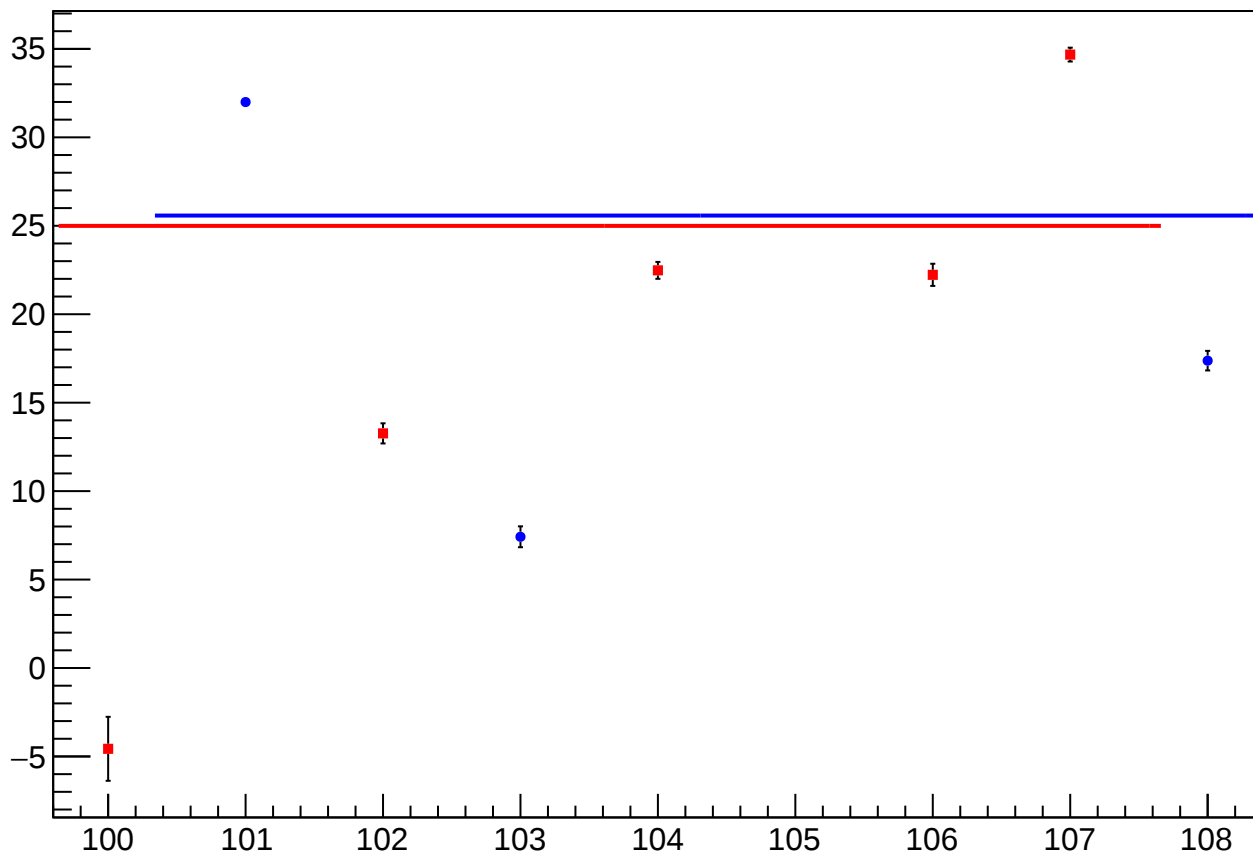
Right: -15.934+/-0.241 χ^2/NDF : 425.5/7

In: -13.204+/-0.336 χ^2/NDF : 137.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.934+/-0.241 χ^2/NDF : 425.5/7

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 25.578 ± 0.233 $\chi^2/\text{NDF}: 1671.4/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 24.995 ± 0.244 $\chi^2/\text{NDF}: 1352.0/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

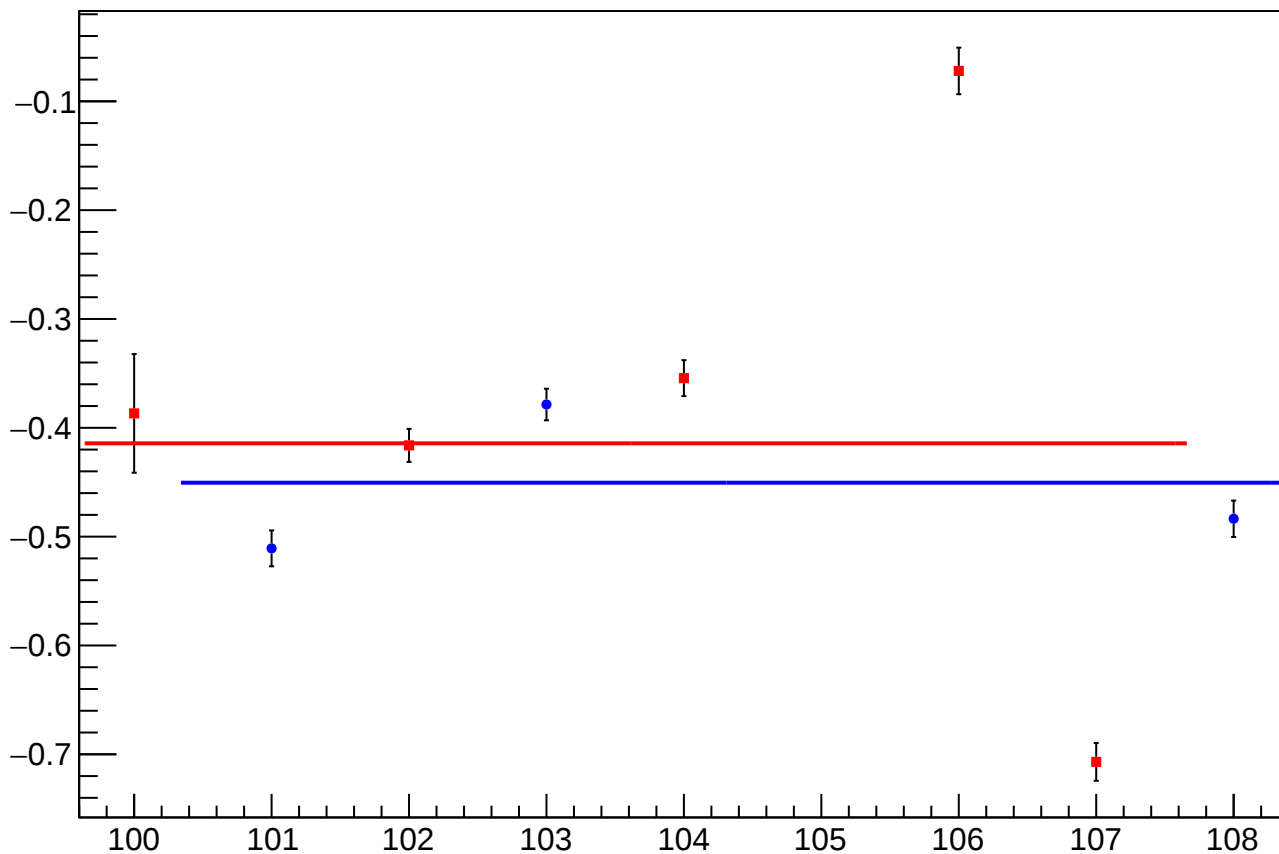
Right: 25.299 ± 0.168 $\chi^2/\text{NDF}: 3026.4/7$

In: 25.578 ± 0.233 $\chi^2/\text{NDF}: 1671.4/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 25.299 ± 0.168 $\chi^2/\text{NDF}: 3026.4/7$

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.450 ± 0.009 χ^2/NDF : 41.8/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.414 ± 0.009 χ^2/NDF : 552.8/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

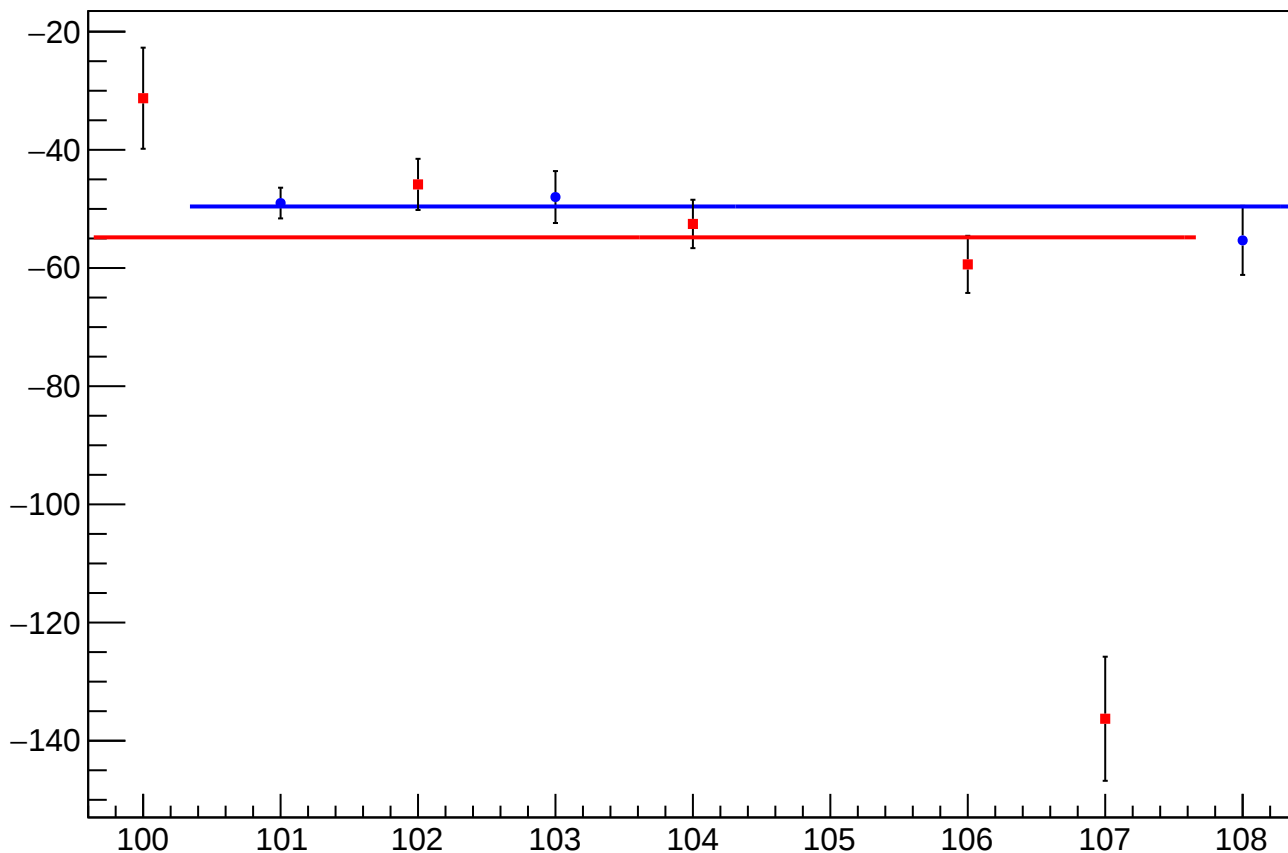
Right: -0.431 ± 0.006 χ^2/NDF : 603.0/7

In: -0.450 ± 0.009 χ^2/NDF : 41.8/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.431 ± 0.006 χ^2/NDF : 603.0/7

reg_asym_usl_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -49.586 $\pm$ 2.089 χ^2 /NDF: 1.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -54.810 $\pm$ 2.367 χ^2 /NDF: 73.2/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

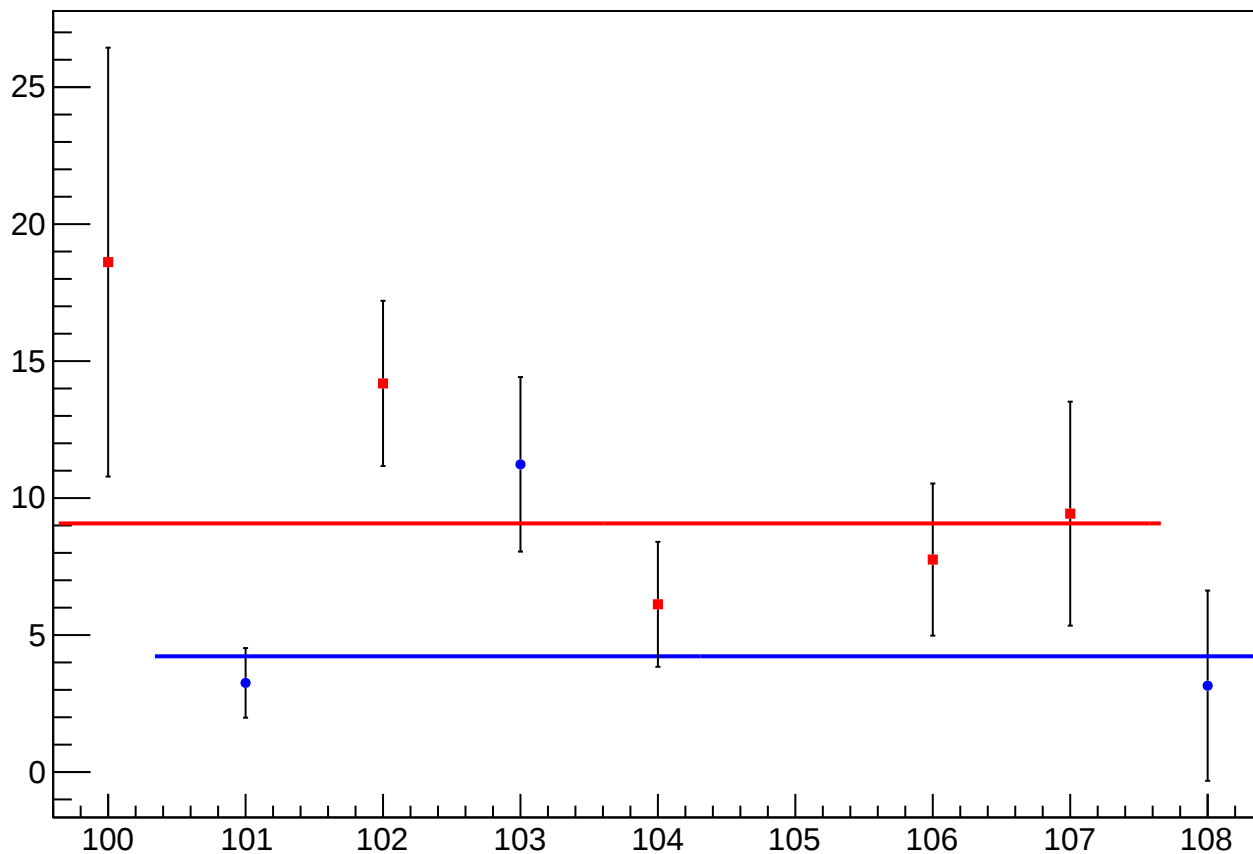
Right: -51.873 $\pm$ 1.566 χ^2 /NDF: 77.1/7

In: -49.586 $\pm$ 2.089 χ^2 /NDF: 1.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -51.873 $\pm$ 1.566 χ^2 /NDF: 77.1/7

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.225+/-1.118 χ^2/NDF : 5.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.076+/-1.403 χ^2/NDF : 6.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

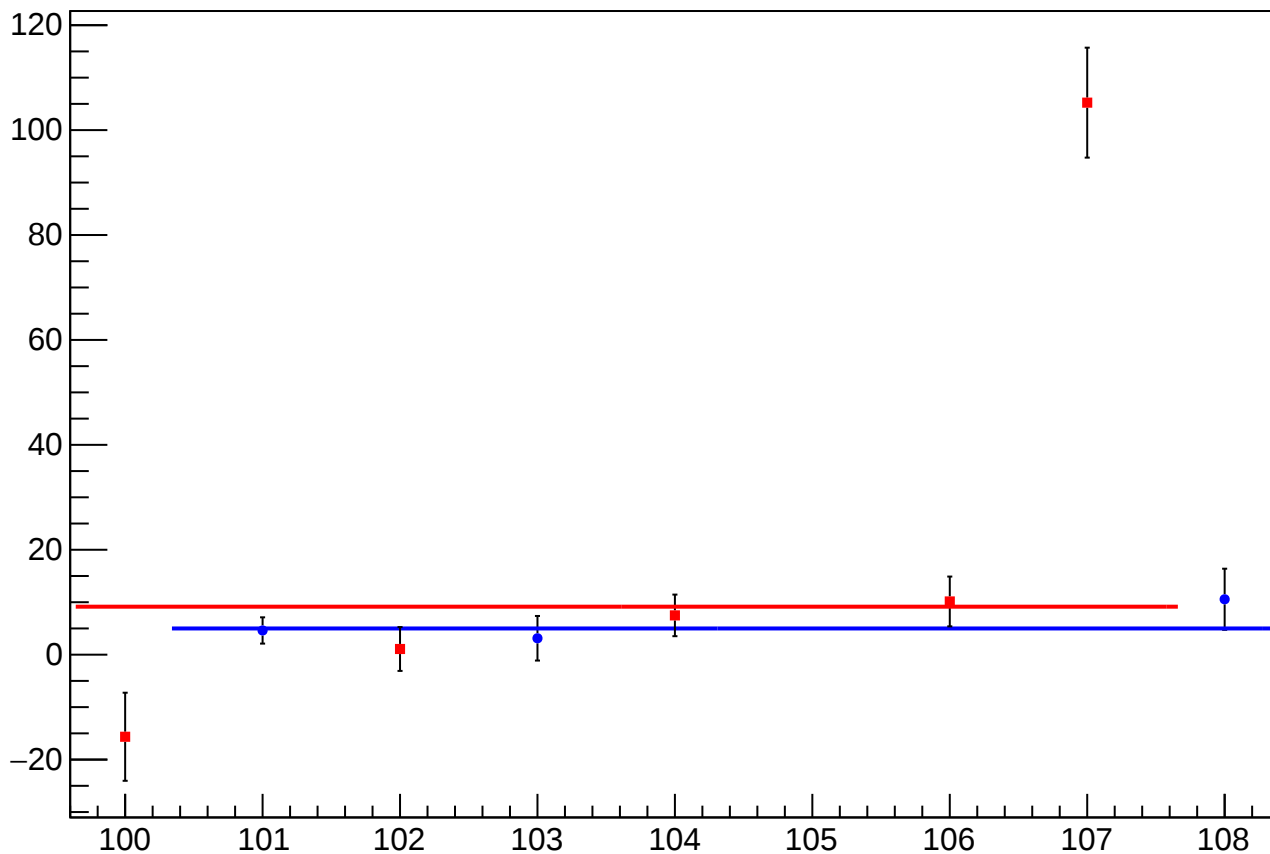
Right: 6.108+/-0.874 χ^2/NDF : 19.1/7

In: 4.225+/-1.118 χ^2/NDF : 5.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.108+/-0.874 χ^2/NDF : 19.1/7

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 4.996 $\pm$ 2.023 χ^2 /NDF: 1.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 9.148 $\pm$ 2.303 χ^2 /NDF: 96.7/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

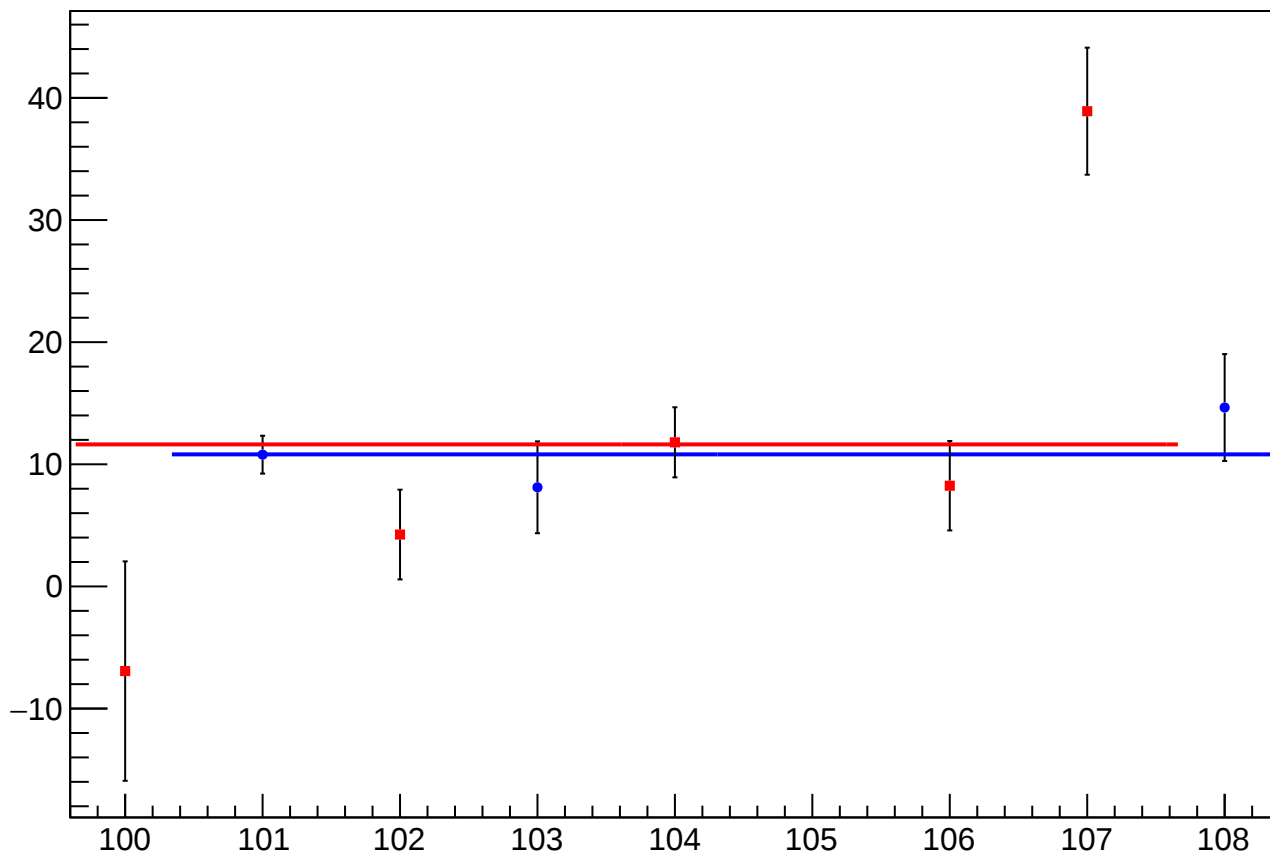
Right: 6.805 $\pm$ 1.520 χ^2 /NDF: 99.7/7

In: 4.996 $\pm$ 2.023 χ^2 /NDF:1.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 6.805 $\pm$ 1.520 χ^2 /NDF: 99.7/7

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.812+/-1.362 χ^2/NDF : 1.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.629+/-1.769 χ^2/NDF : 36.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

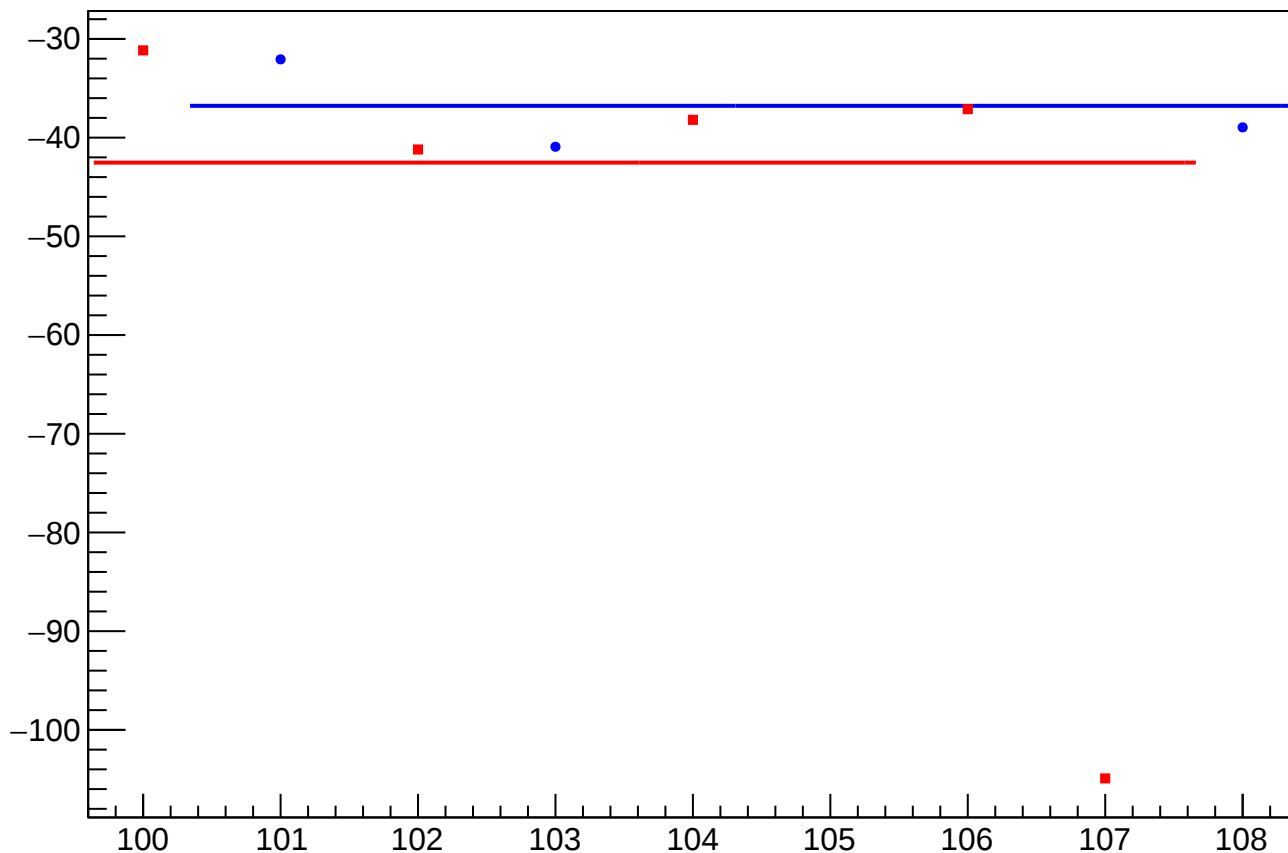
Right: 11.116+/-1.079 χ^2/NDF : 38.1/7

In: 10.812+/-1.362 χ^2/NDF : 1.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.116+/-1.079 χ^2/NDF : 38.1/7

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -36.778+/-0.059 χ^2/NDF : 4893.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -42.530+/-0.058 χ^2/NDF : 72768.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

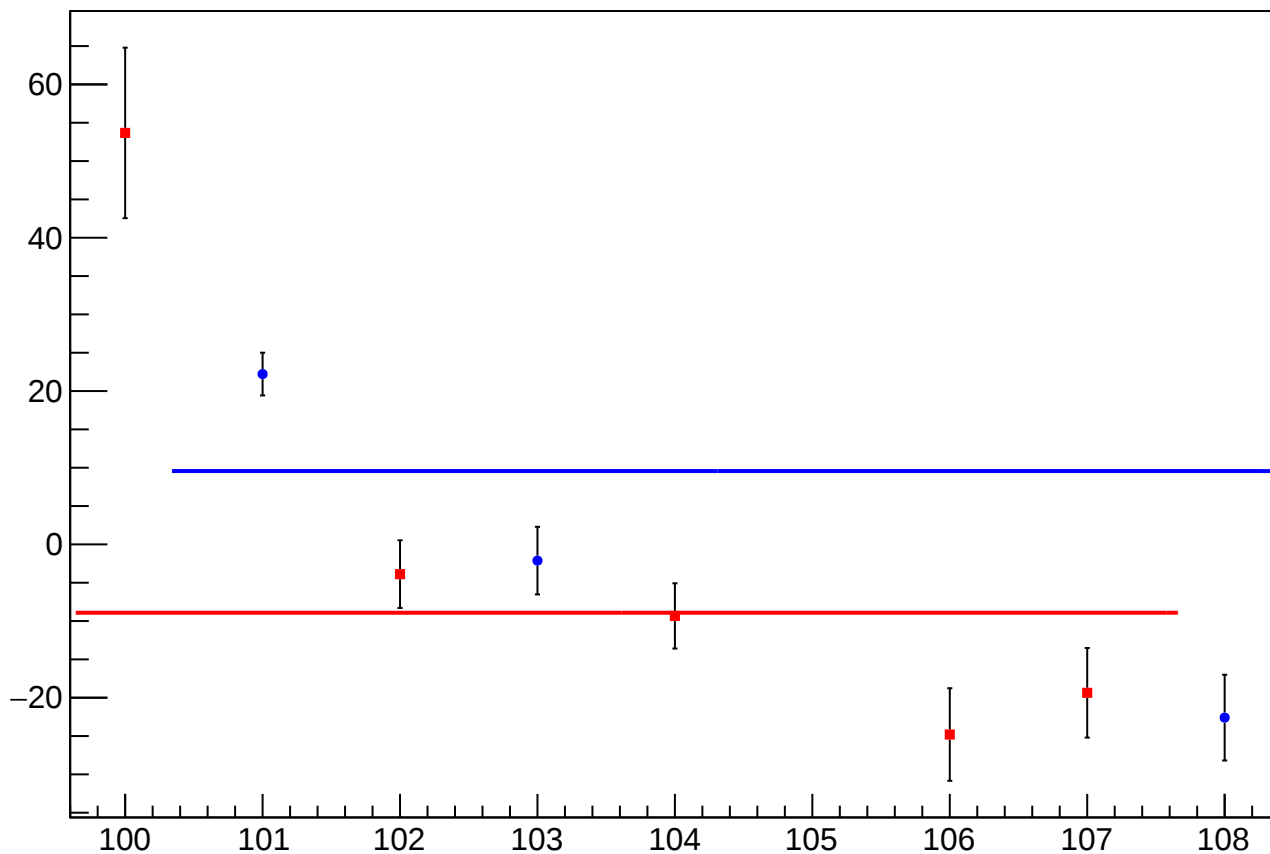
Right: -39.692+/-0.041 χ^2/NDF : 82523.7/7

In: -36.778+/-0.059 χ^2/NDF : 4893.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.692+/-0.041 χ^2/NDF : 82523.7/7

reg_asym_usr_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 9.565+/-2.171 χ^2/NDF : 60.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.916+/-2.416 χ^2/NDF : 43.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

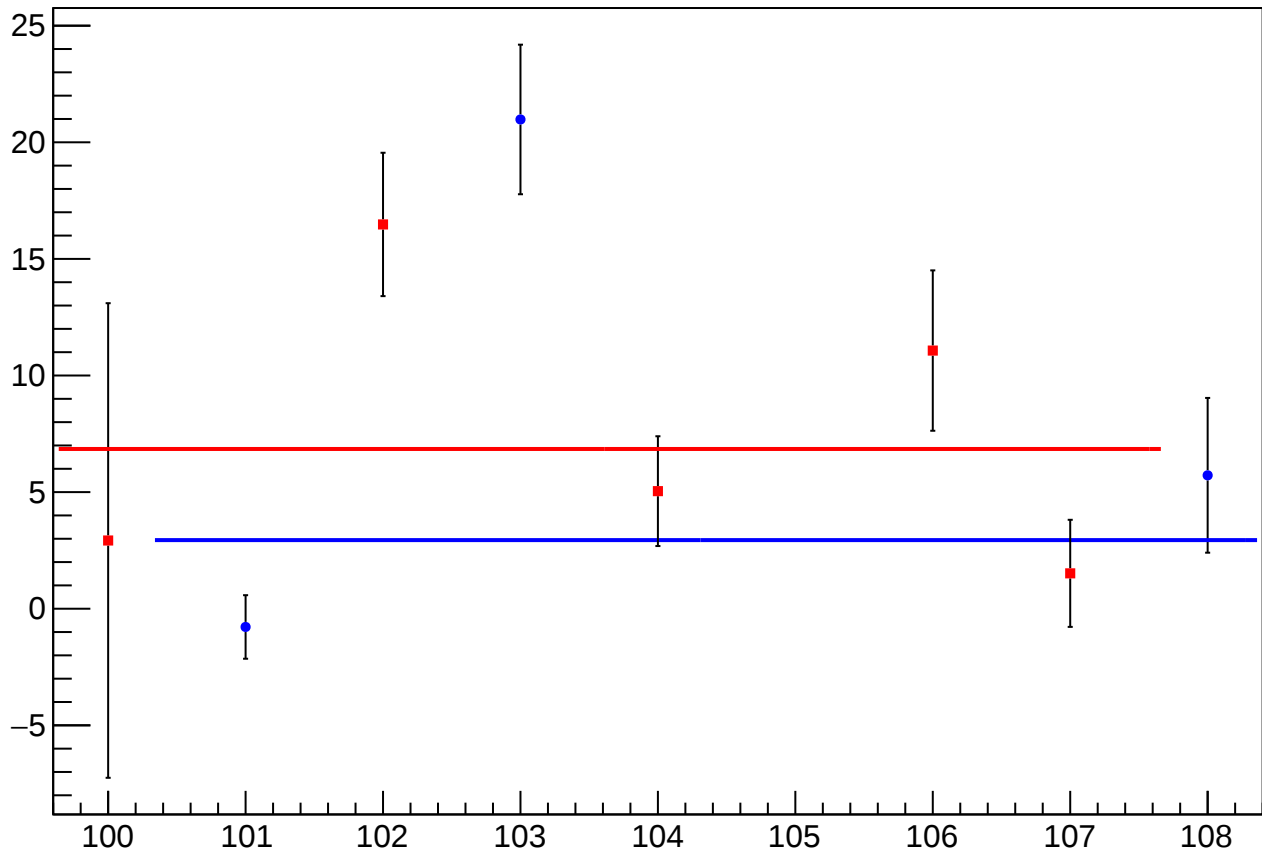
Right: 1.308+/-1.615 χ^2/NDF : 136.1/7

In: 9.565+/-2.171 χ^2/NDF : 60.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.308+/-1.615 χ^2/NDF : 136.1/7

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.942+/-1.173 χ^2/NDF : 39.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.850+/-1.324 χ^2/NDF : 17.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

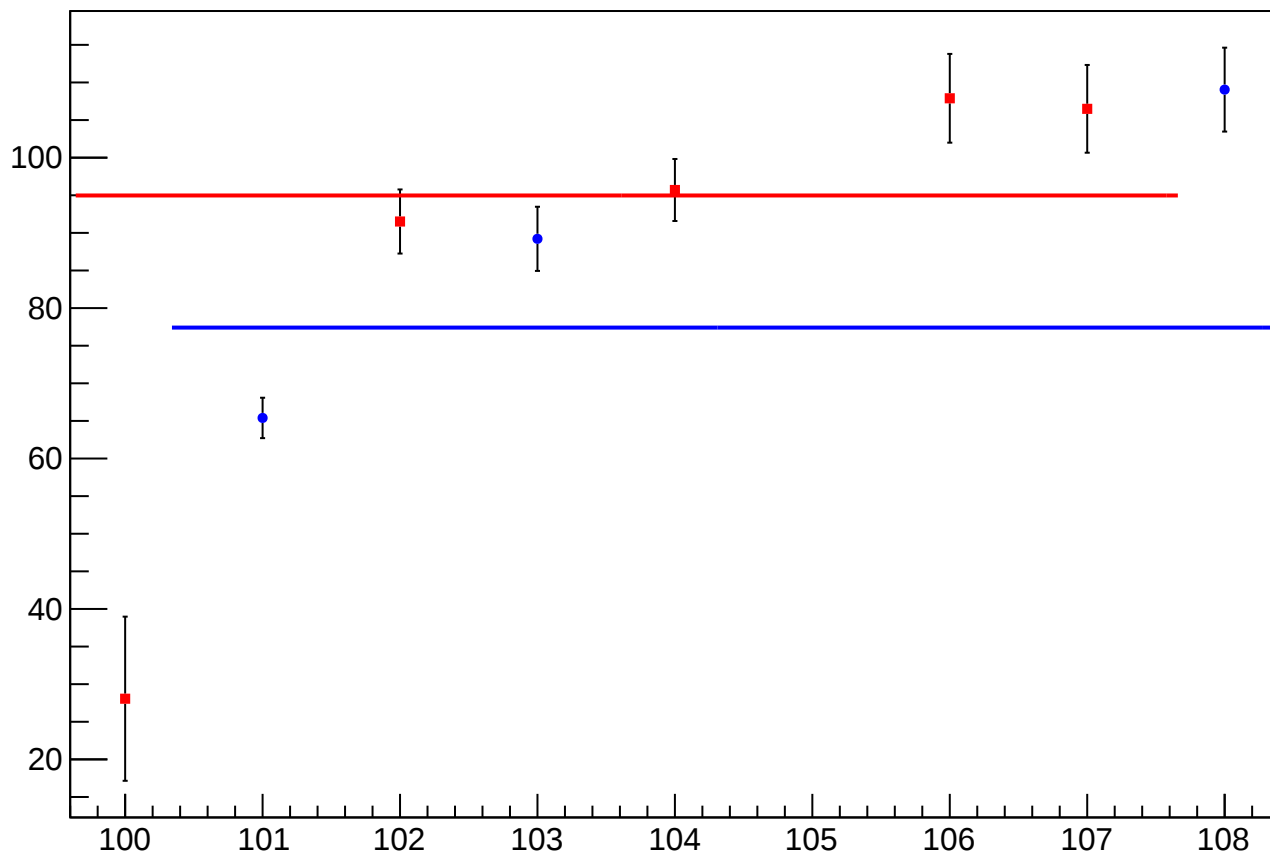
Right: 4.660+/-0.878 χ^2/NDF : 62.1/7

In: 2.942+/-1.173 χ^2/NDF : 39.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.660+/-0.878 χ^2/NDF : 62.1/7

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 77.409+/-2.105 χ^2 /NDF: 59.8/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 94.974+/-2.354 χ^2 /NDF: 47.0/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

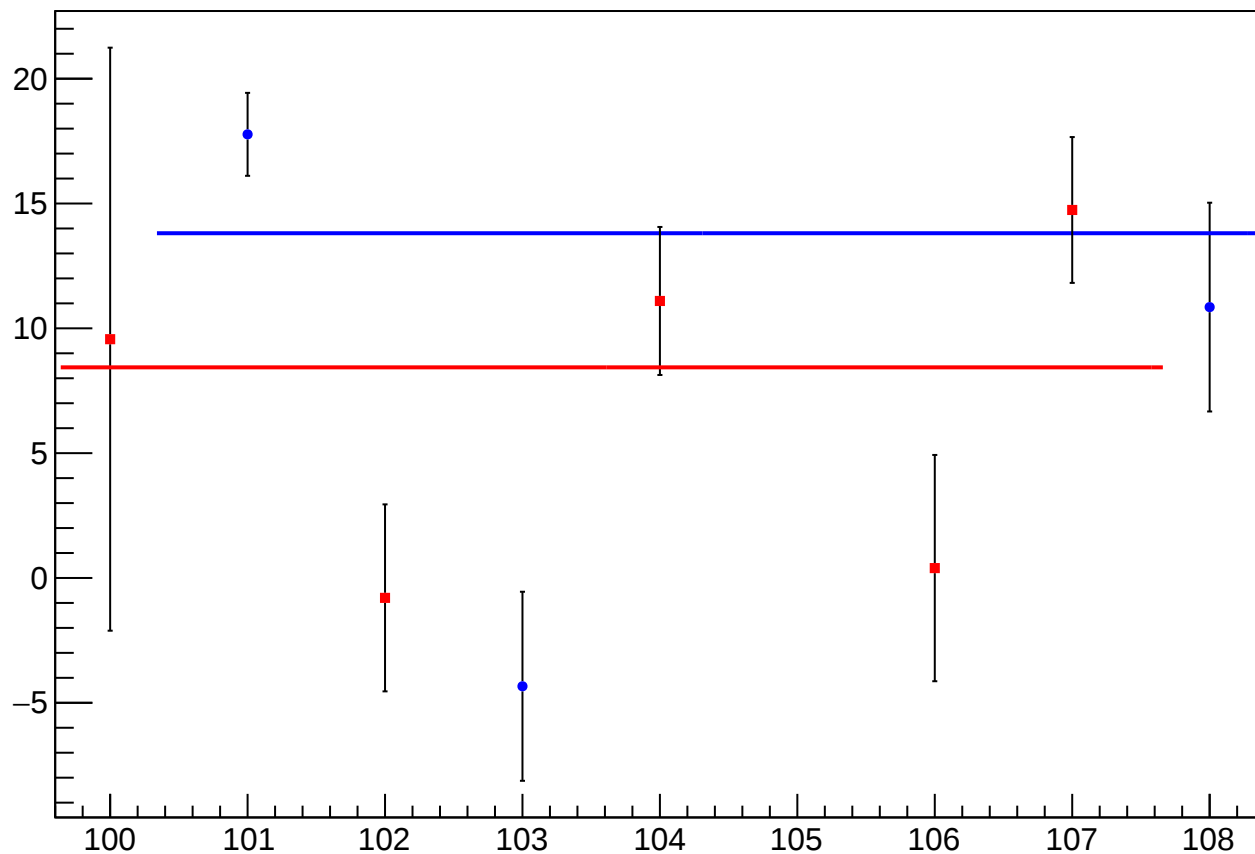
Right: 85.211+/-1.569 χ^2 /NDF: 137.7/7

In: 77.409+/-2.105 χ^2 /NDF:59.8/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 85.211+/-1.569 χ^2 /NDF: 137.7/7

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.810 $\pm$ 1.430 χ^2 /NDF: 29.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 8.437 $\pm$ 1.671 χ^2 /NDF: 14.7/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

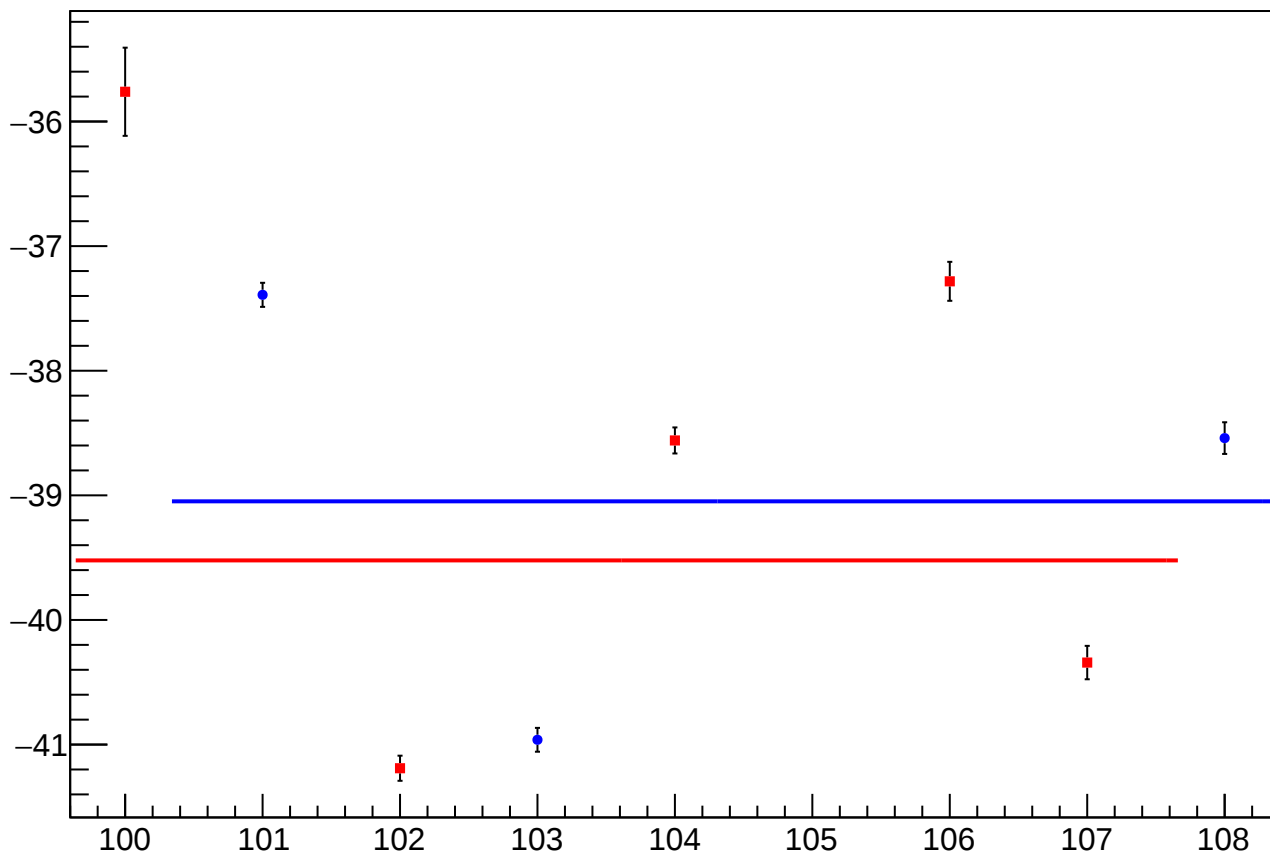
Right: 11.538 $\pm$ 1.086 χ^2 /NDF: 49.8/7

In: 13.810 $\pm$ 1.430 χ^2 /NDF:29.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 11.538 $\pm$ 1.086 χ^2 /NDF: 49.8/7

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.048 $\pm$ 0.060 χ^2 /NDF: 710.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -39.522 $\pm$ 0.058 χ^2 /NDF: 714.4/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

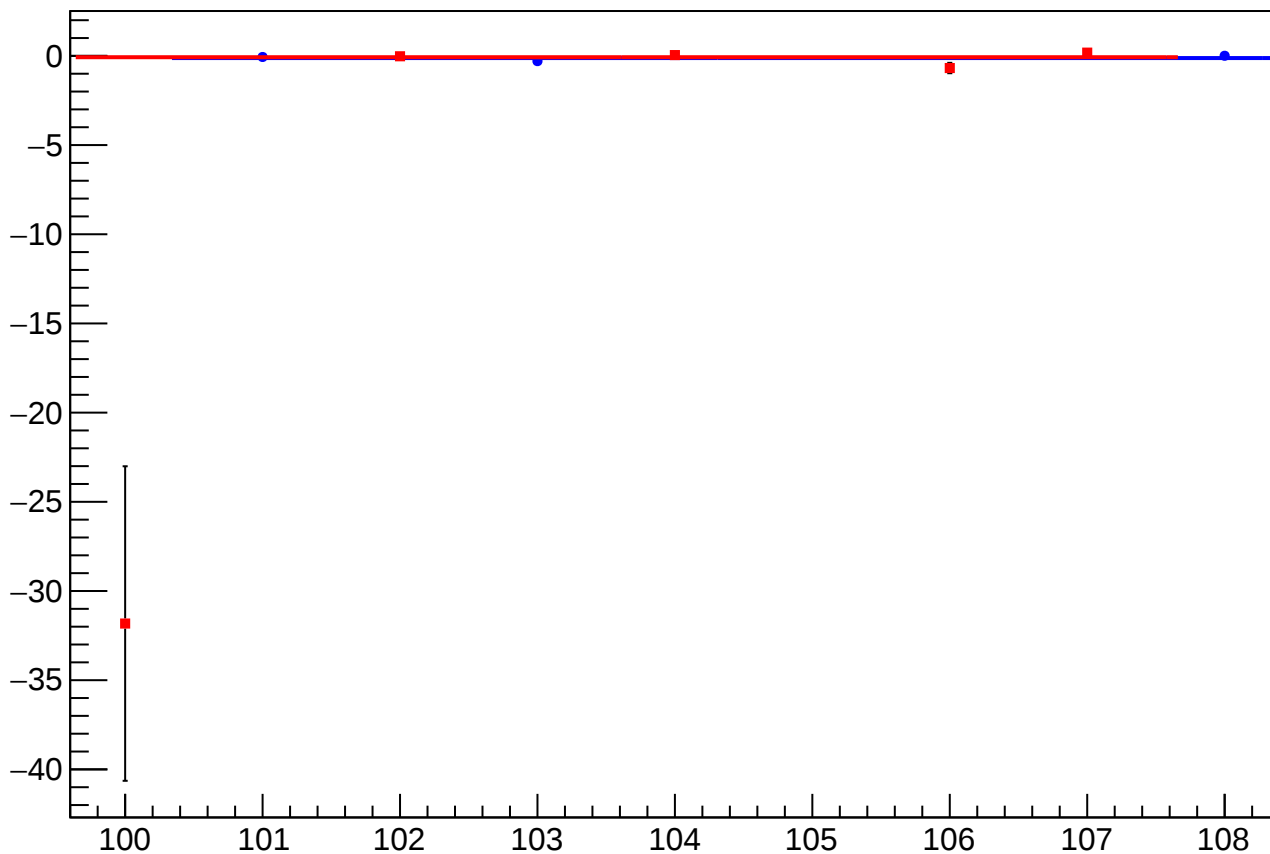
Right: -39.292 $\pm$ 0.042 χ^2 /NDF: 1457.3/7

In: -39.048 $\pm$ 0.060 χ^2 /NDF: 710.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -39.292 $\pm$ 0.042 χ^2 /NDF: 1457.3/7

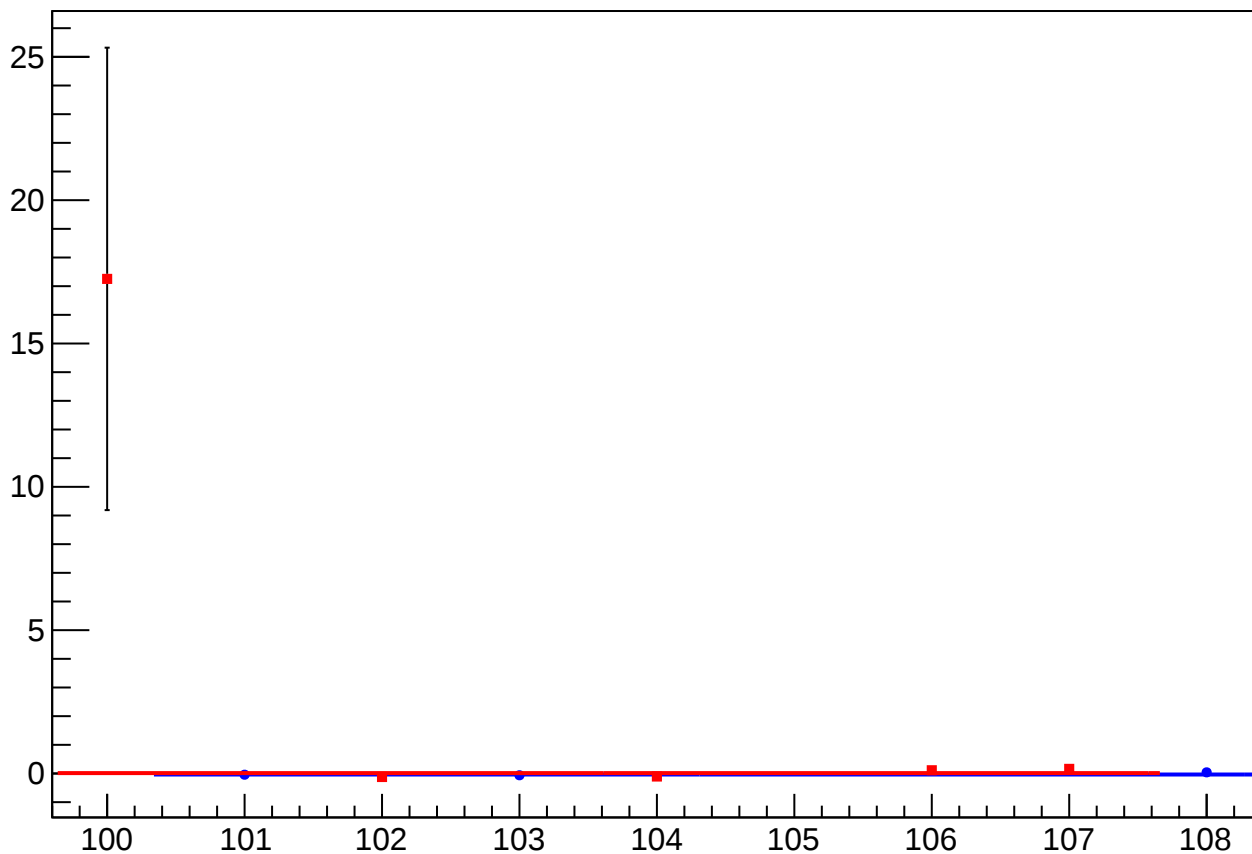
reg_asym_dsl_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.122 ± 0.101 $\chi^2/\text{NDF}: 1.3/2$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -0.075 ± 0.115 $\chi^2/\text{NDF}: 18.6/4$
 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: -0.102 ± 0.076 $\chi^2/\text{NDF}: 20.0/7$
 In: -0.122 ± 0.101 $\chi^2/\text{NDF}: 1.3/2$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -0.102 ± 0.076 $\chi^2/\text{NDF}: 20.0/7$

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.035+/-0.056 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.063 χ^2/NDF : 8.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

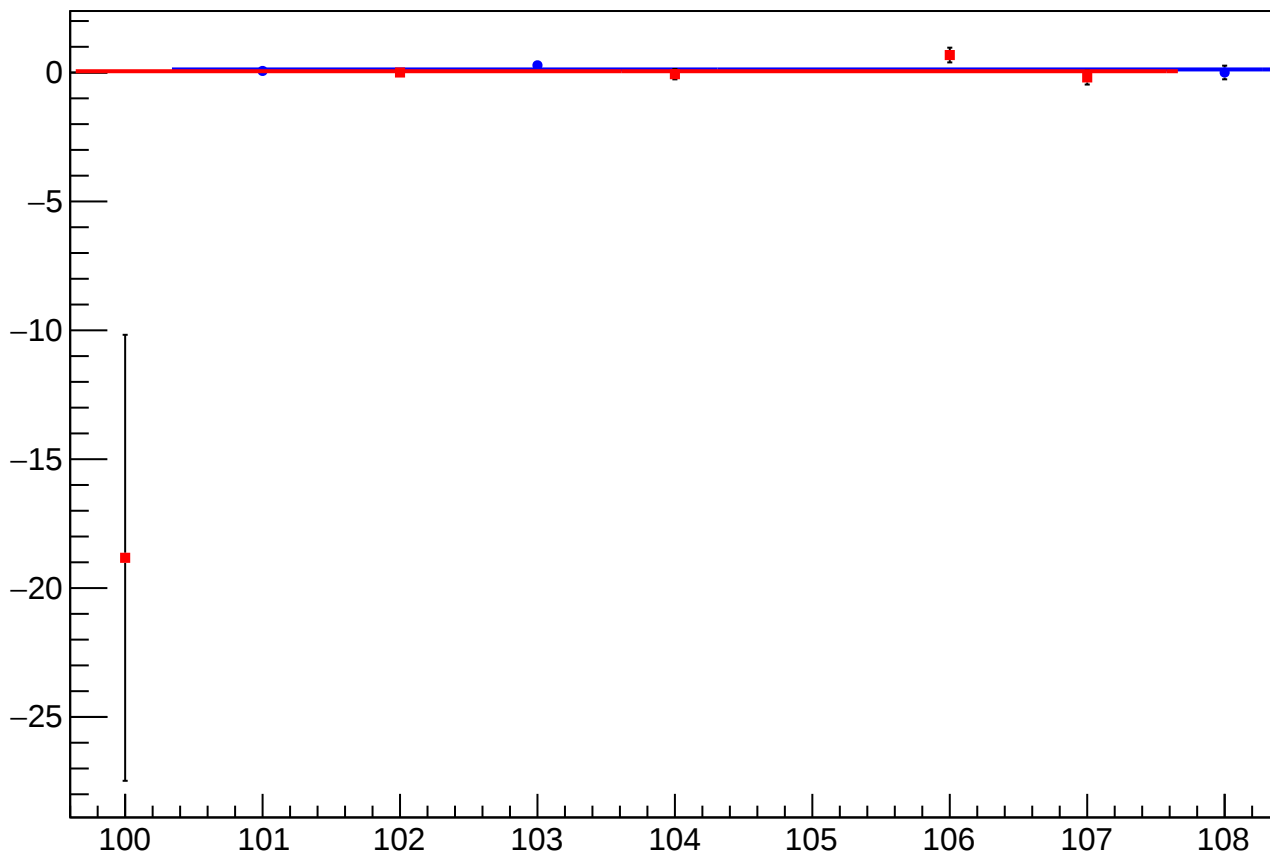
Right: -0.014+/-0.042 χ^2/NDF : 9.5/7

In: -0.035+/-0.056 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.014+/-0.042 χ^2/NDF : 9.5/7

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.122+/-0.098 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.052+/-0.112 χ^2/NDF : 10.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

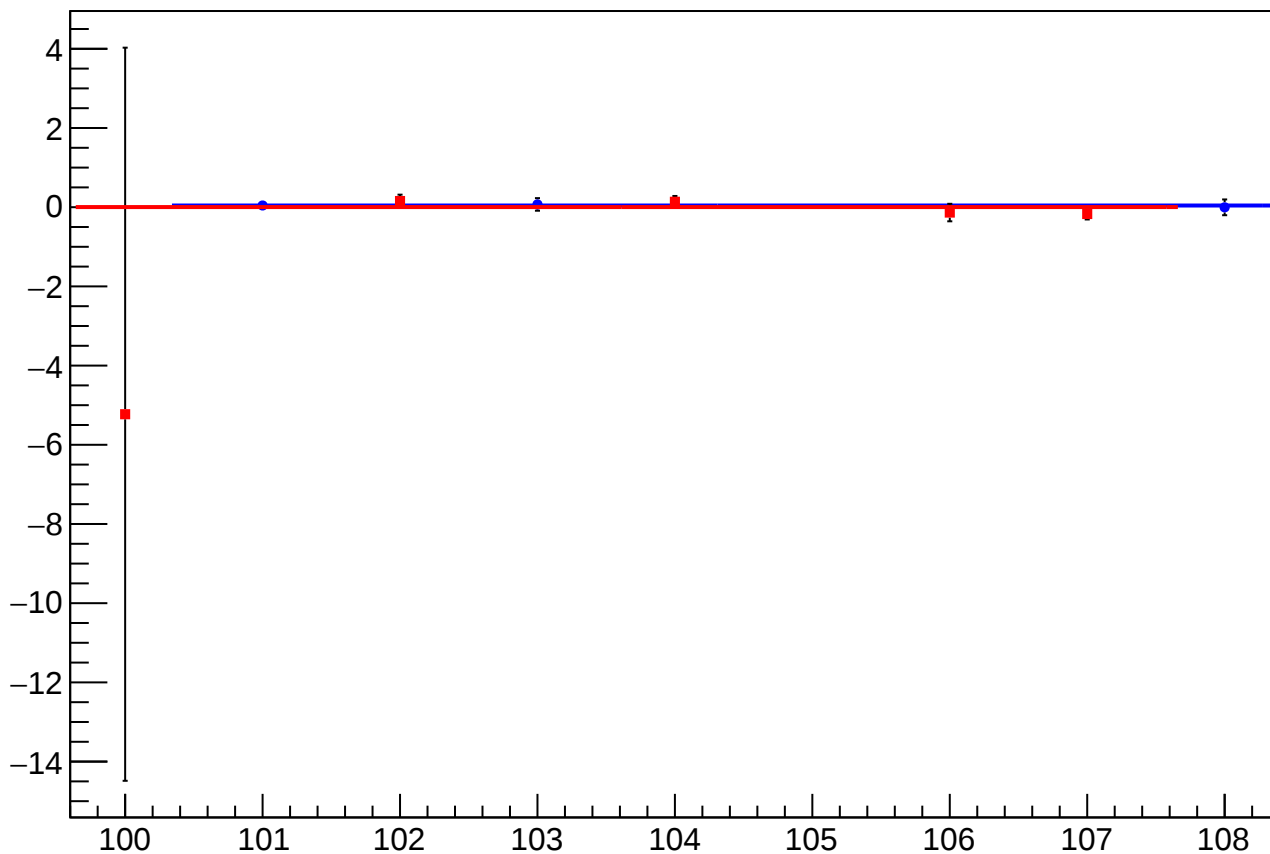
Right: 0.092+/-0.074 χ^2/NDF : 12.1/7

In: 0.122+/-0.098 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.092+/-0.074 χ^2/NDF : 12.1/7

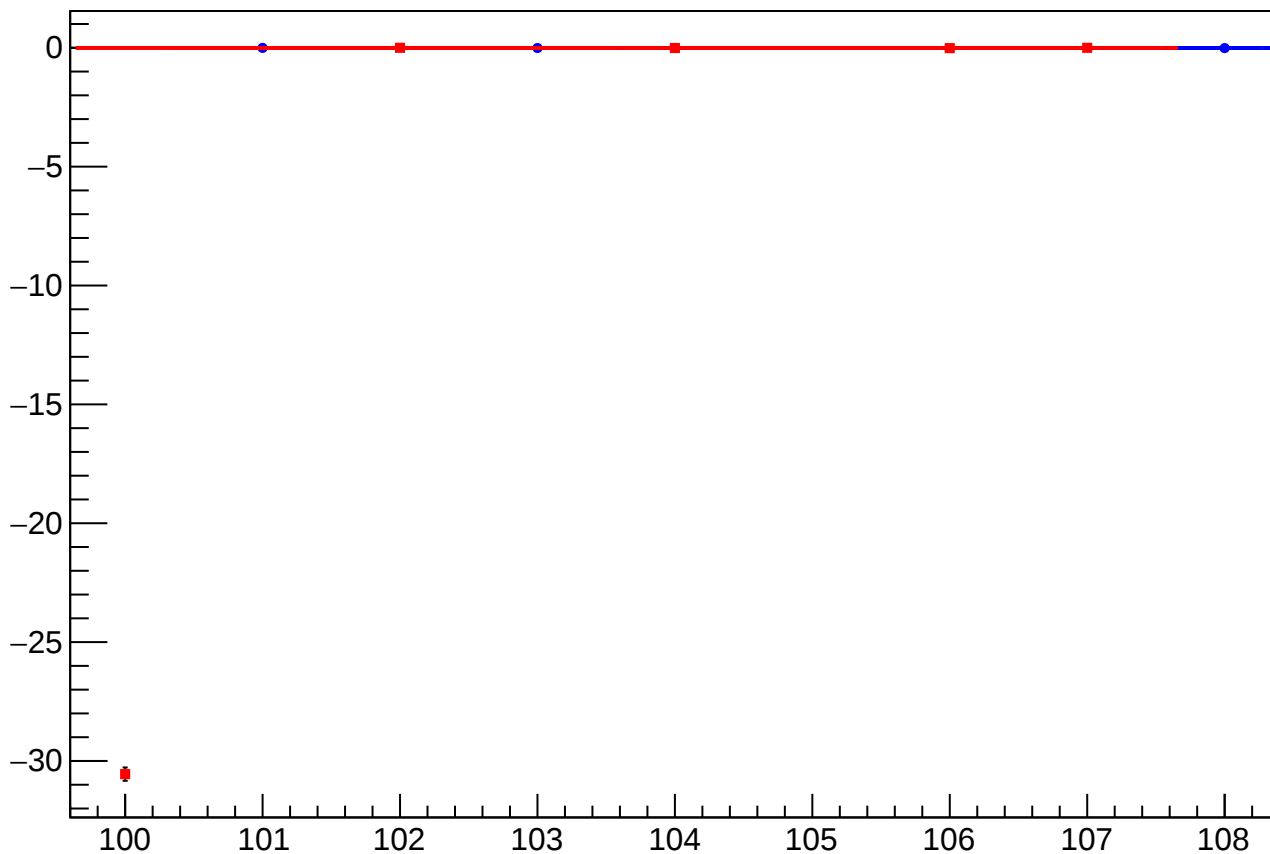
reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.043+/-0.068 χ^2/NDF : 0.1/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.003+/-0.079 χ^2/NDF : 4.1/4
 Left 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+/-0.051 χ^2/NDF : 4.3/7
 In: 0.043+/-0.068 χ^2/NDF : 0.1/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.026+/-0.051 χ^2/NDF : 4.3/7

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.009+/-0.003 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.008+/-0.003 χ^2/NDF : 11874.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

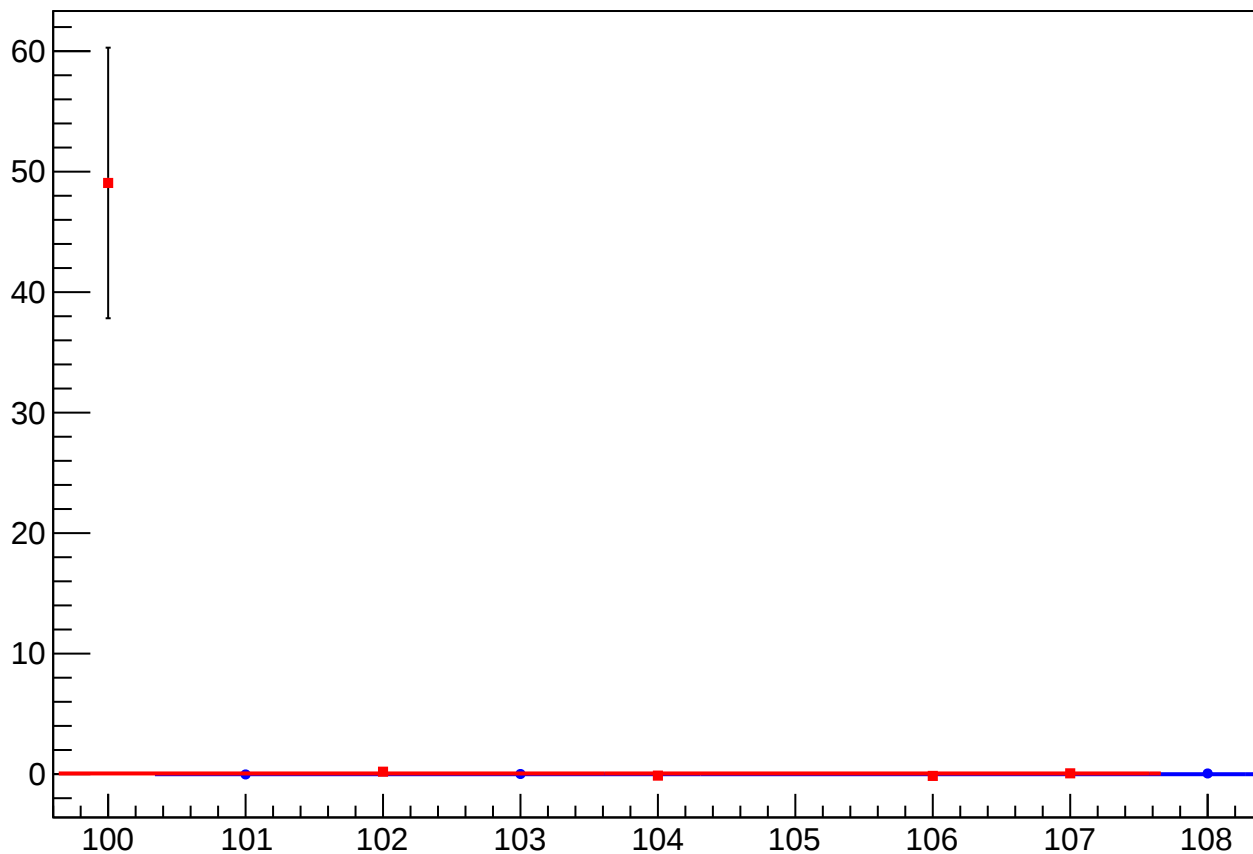
Right: -0.008+/-0.002 χ^2/NDF : 11875.5/7

In: -0.009+/-0.003 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.002 χ^2/NDF : 11875.5/7

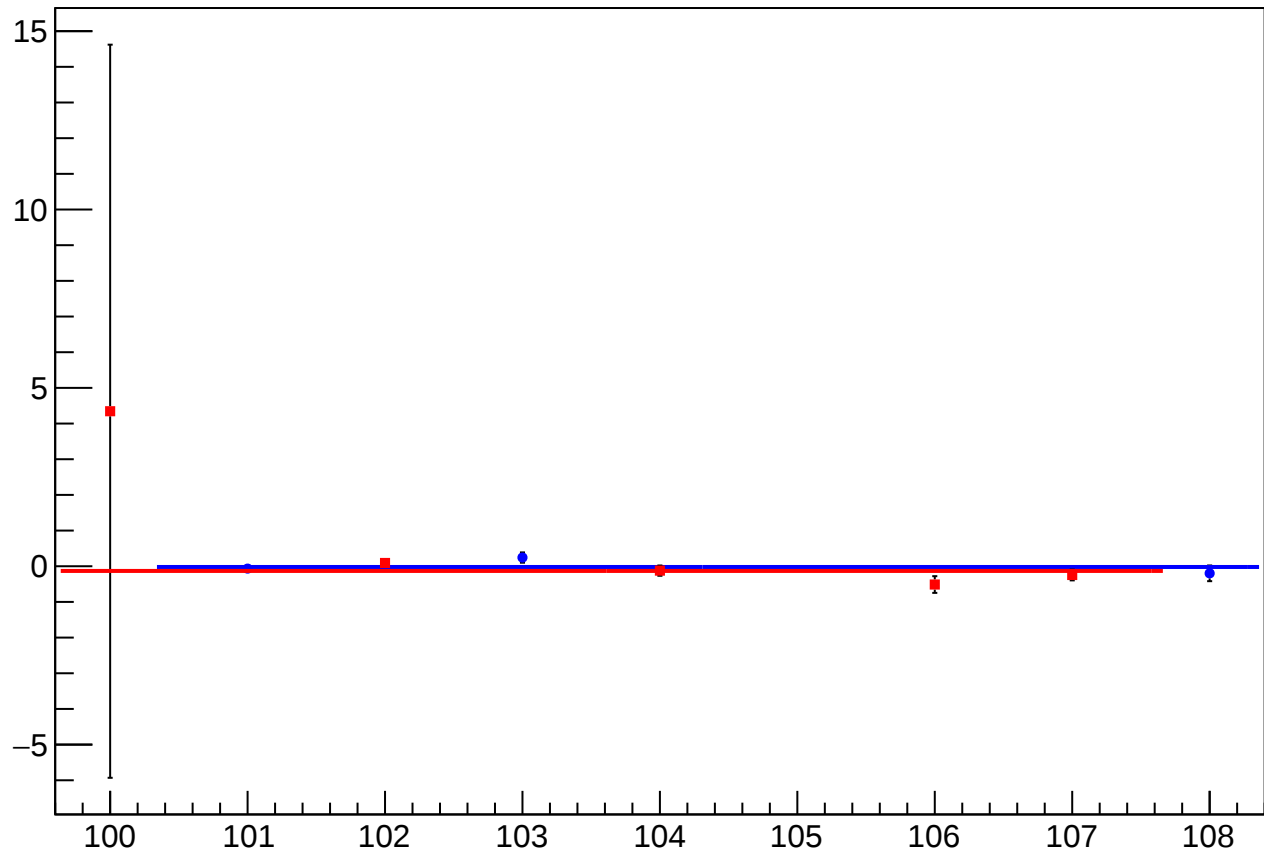
reg_asym_dsr_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.009+/-0.111 χ^2/NDF : 0.1/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.054+/-0.136 χ^2/NDF : 20.4/4
 Left 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+/-0.086 χ^2/NDF : 20.5/7
 In: -0.009+/-0.111 χ^2/NDF : 0.1/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.016+/-0.086 χ^2/NDF : 20.5/7

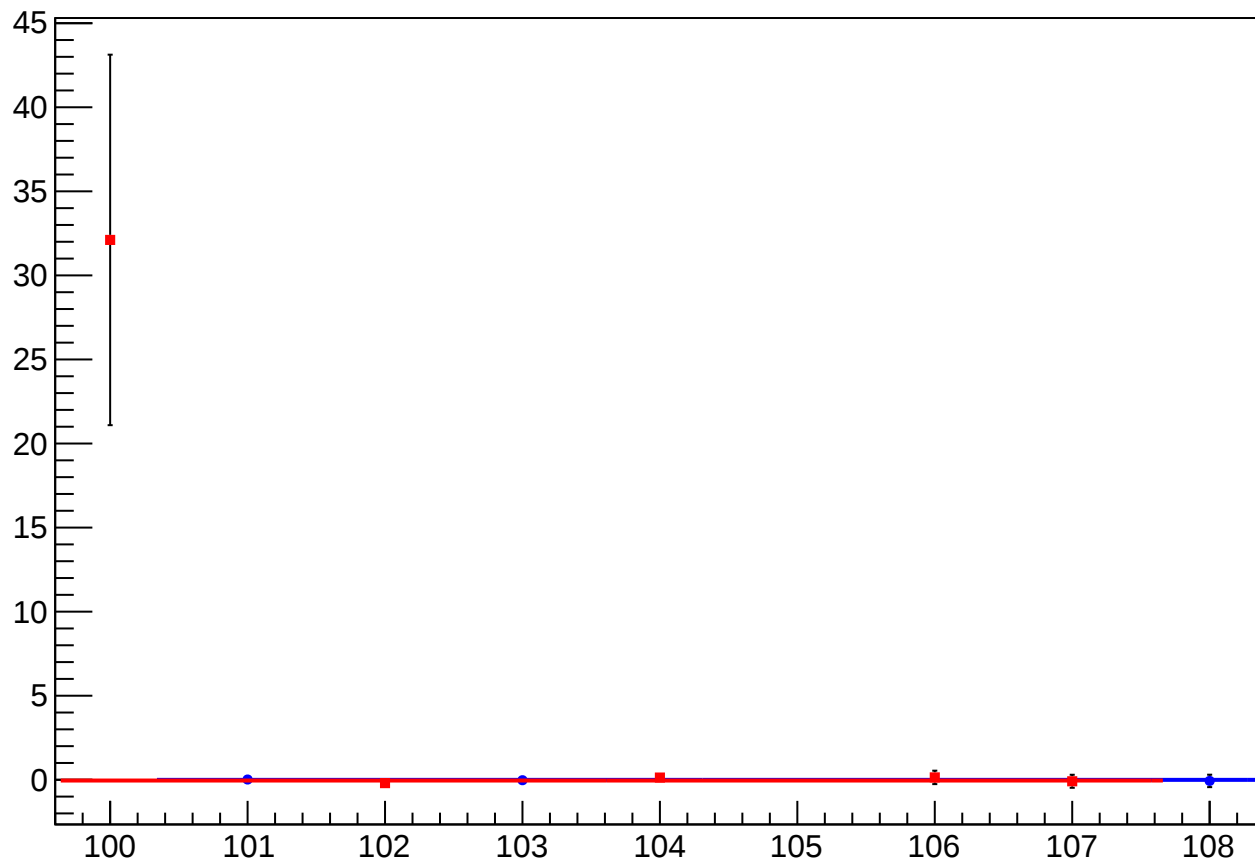
reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.021 $\pm$ 0.061 χ^2 /NDF: 4.4/2
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.132 $\pm$ 0.079 χ^2 /NDF: 6.0/4
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.062 $\pm$ 0.048 χ^2 /NDF: 11.6/7
 In: -0.021 $\pm$ 0.061 χ^2 /NDF:4.4/2
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.062 $\pm$ 0.048 χ^2 /NDF: 11.6/7

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.005+/-0.108 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.044+/-0.132 χ^2/NDF : 9.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

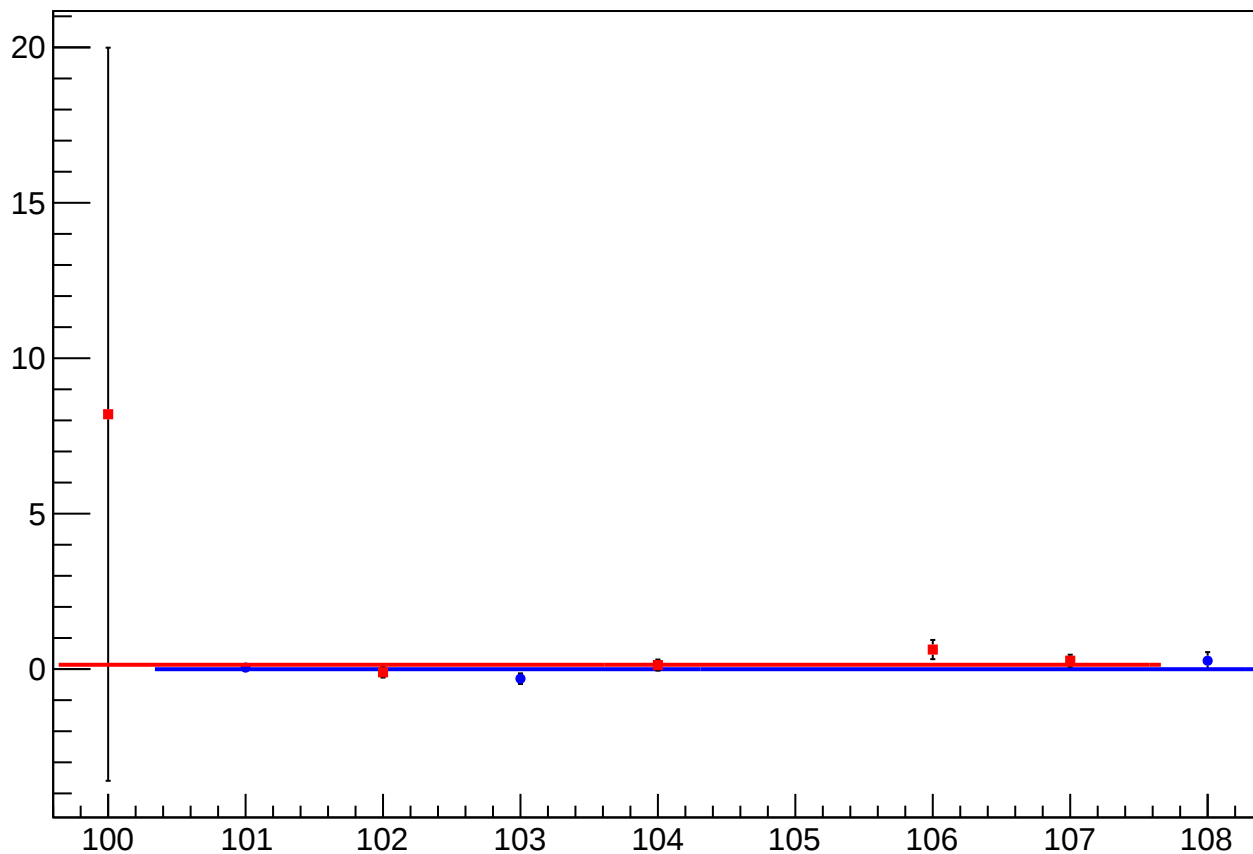
Right: -0.021+/-0.083 χ^2/NDF : 10.0/7

In: -0.005+/-0.108 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.021+/-0.083 χ^2/NDF : 10.0/7

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.004 ± 0.074 χ^2/NDF : 4.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.139 ± 0.098 χ^2/NDF : 5.5/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

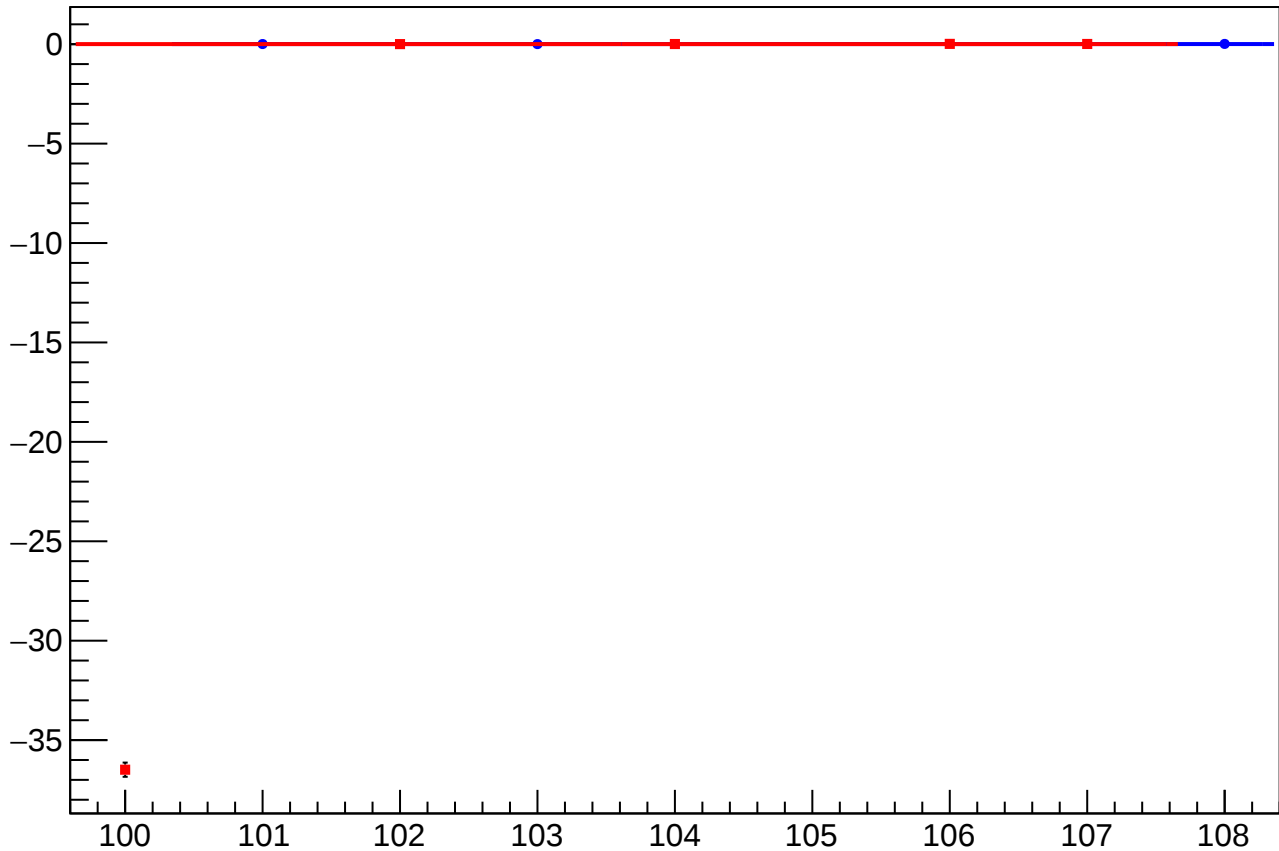
Right: 0.048 ± 0.059 χ^2/NDF : 11.3/7

In: -0.004 ± 0.074 χ^2/NDF : 4.5/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.048 ± 0.059 χ^2/NDF : 11.3/7

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.007+/-0.003 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.003 χ^2/NDF : 10432.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

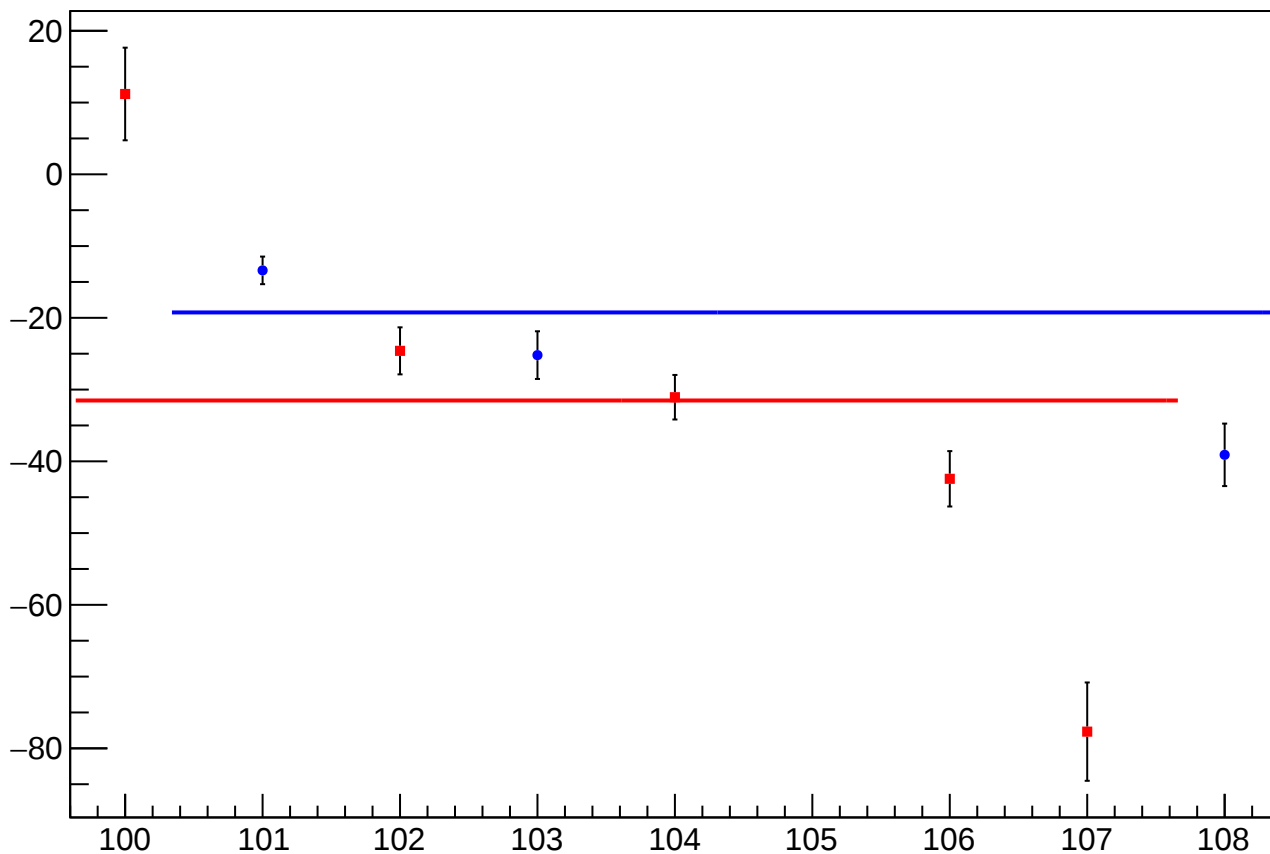
Right: 0.006+/-0.002 χ^2/NDF : 10433.9/7

In: 0.007+/-0.003 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.002 χ^2/NDF : 10433.9/7

reg_asym_us_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -19.249 $\pm$ 1.555 χ^2 /NDF: 33.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -31.519 $\pm$ 1.798 χ^2 /NDF: 101.6/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

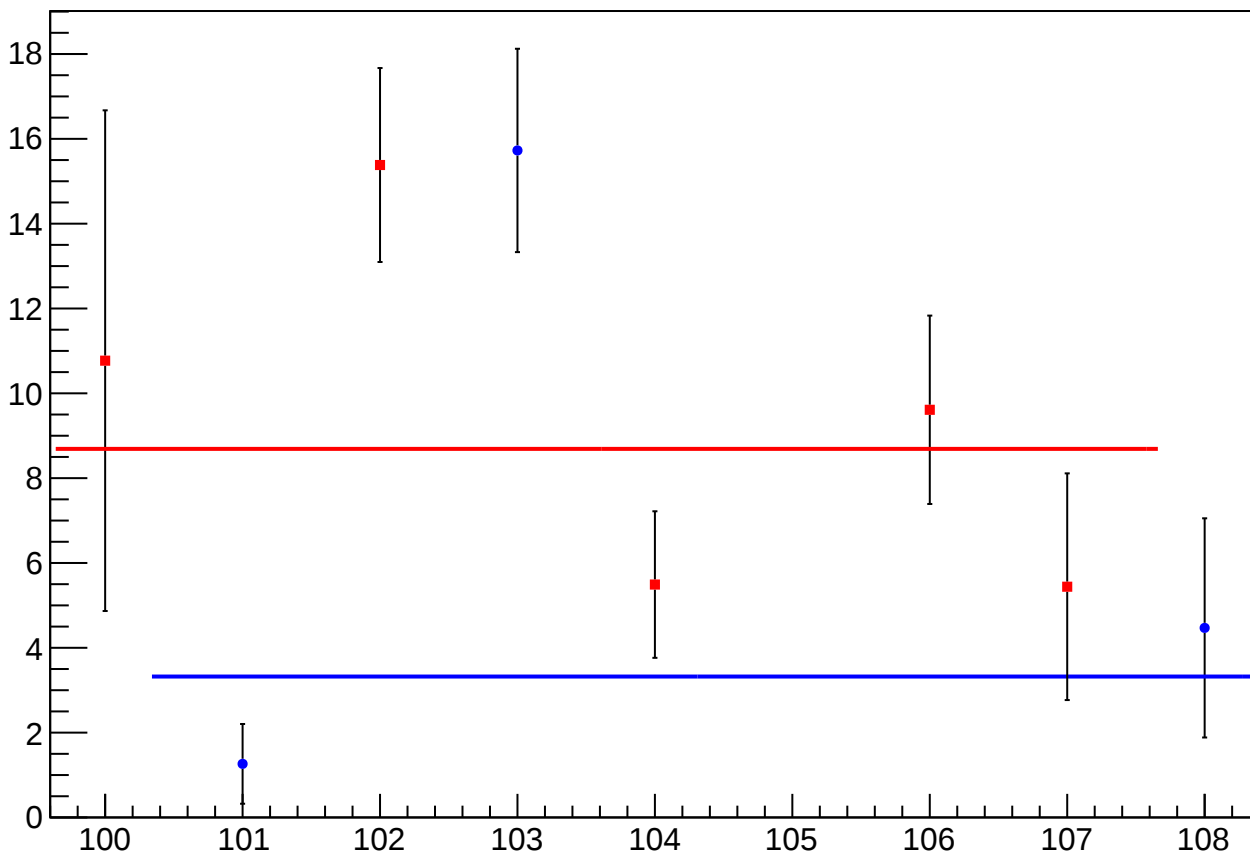
Right: -24.498 $\pm$ 1.176 χ^2 /NDF: 161.6/7

In: -19.249 $\pm$ 1.555 χ^2 /NDF: 33.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -24.498 $\pm$ 1.176 χ^2 /NDF: 161.6/7

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.322+/-0.829 χ^2/NDF : 31.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.690+/-1.055 χ^2/NDF : 13.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

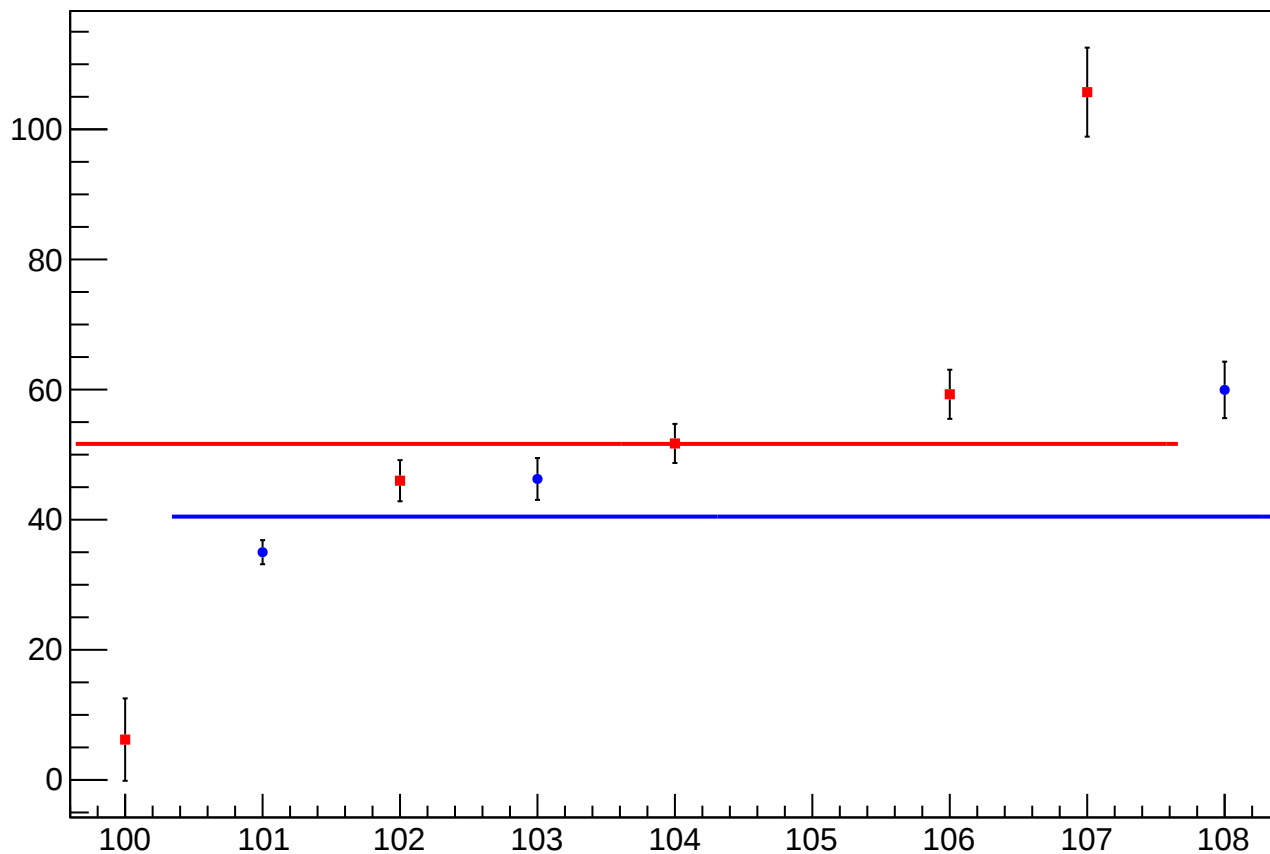
Right: 5.370+/-0.652 χ^2/NDF : 61.5/7

In: 3.322+/-0.829 χ^2/NDF : 31.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.370+/-0.652 χ^2/NDF : 61.5/7

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 40.475+/-1.505 χ^2/NDF : 32.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.652+/-1.748 χ^2/NDF : 121.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

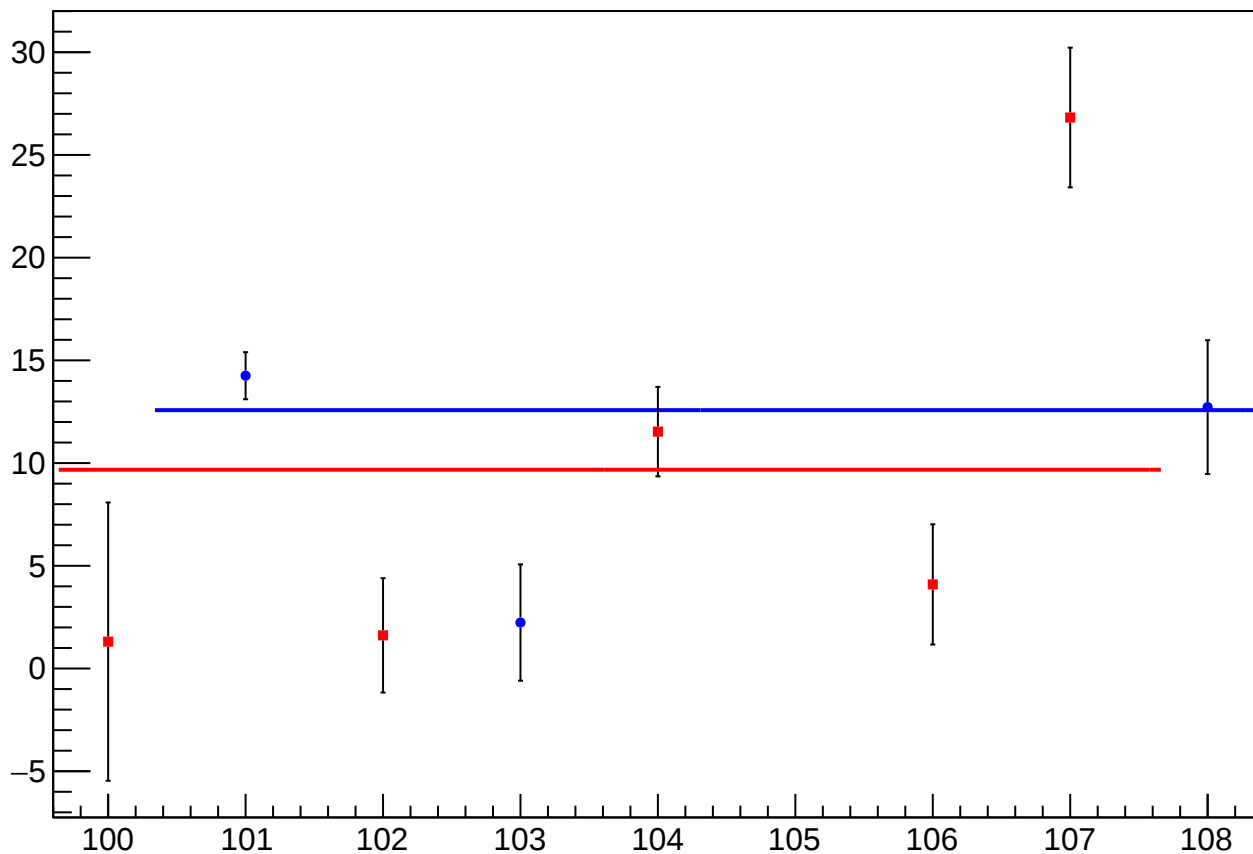
Right: 45.233+/-1.141 χ^2/NDF : 176.8/7

In: 40.475+/-1.505 χ^2/NDF : 32.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.233+/-1.141 χ^2/NDF : 176.8/7

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.576+/-1.010 χ^2/NDF : 15.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.677+/-1.331 χ^2/NDF : 39.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

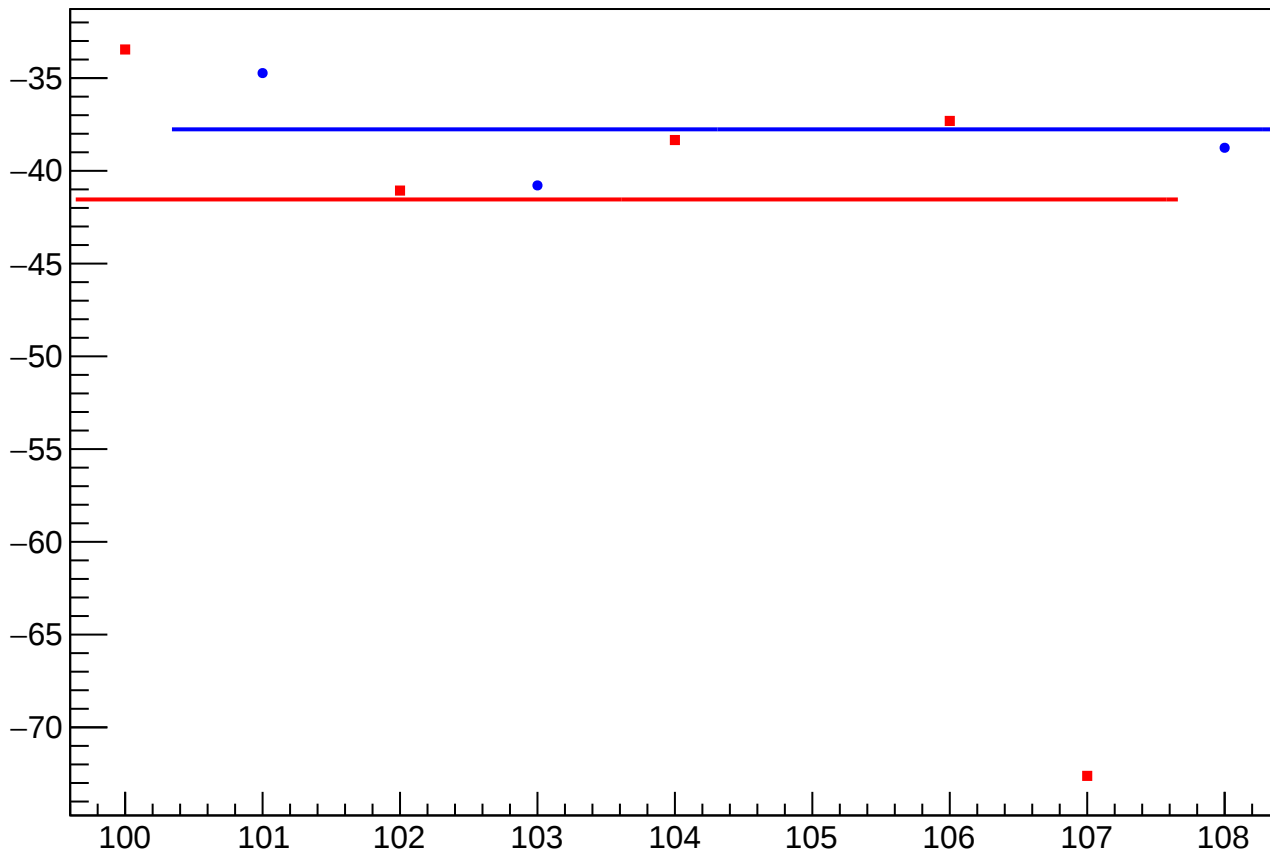
Right: 11.516+/-0.804 χ^2/NDF : 58.2/7

In: 12.576+/-1.010 χ^2/NDF : 15.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.516+/-0.804 χ^2/NDF : 58.2/7

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -37.763+/-0.044 χ^2/NDF : 3929.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.543+/-0.044 χ^2/NDF : 44203.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

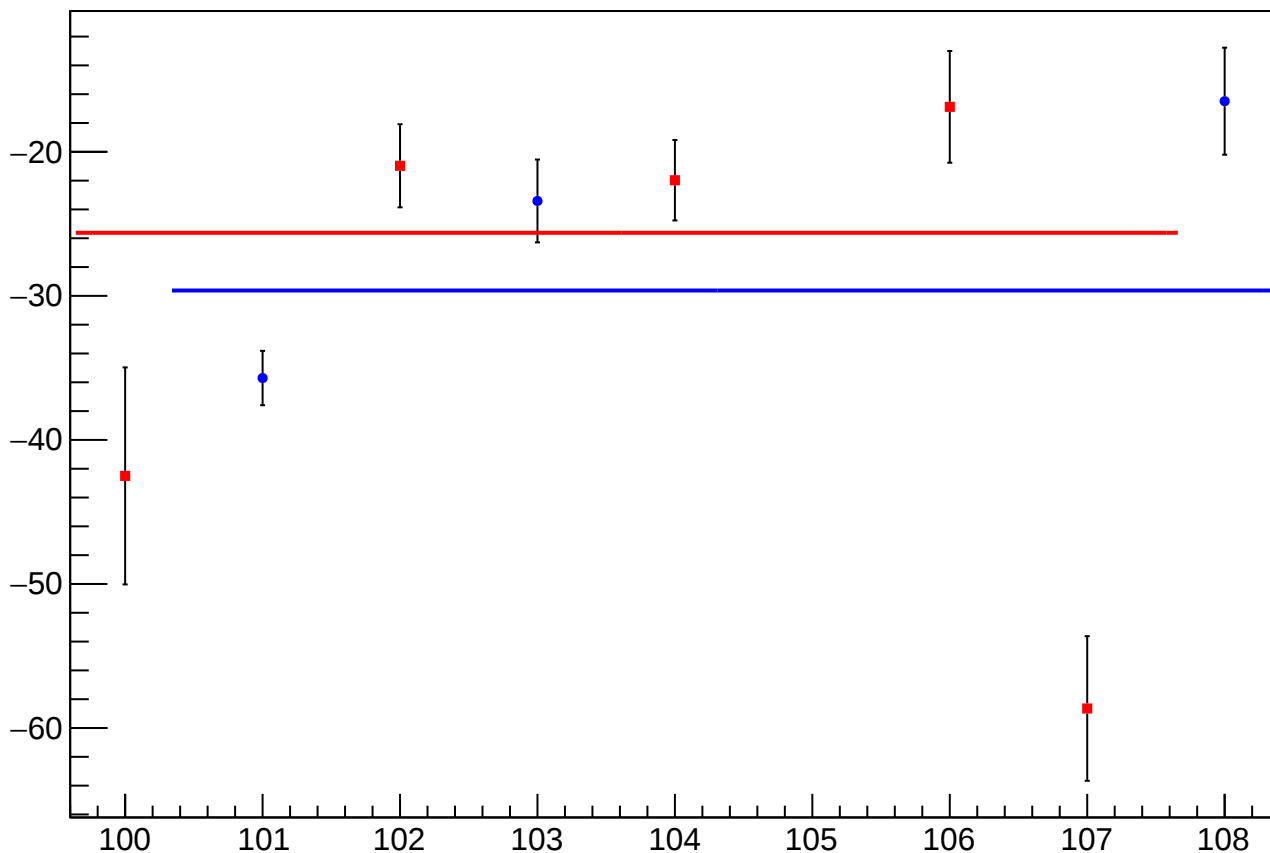
Right: -39.646+/-0.031 χ^2/NDF : 51830.7/7

In: -37.763+/-0.044 χ^2/NDF : 3929.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.646+/-0.031 χ^2/NDF : 51830.7/7

reg_asym_us_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -29.628+/-1.453 χ^2/NDF : 27.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.620+/-1.639 χ^2/NDF : 57.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

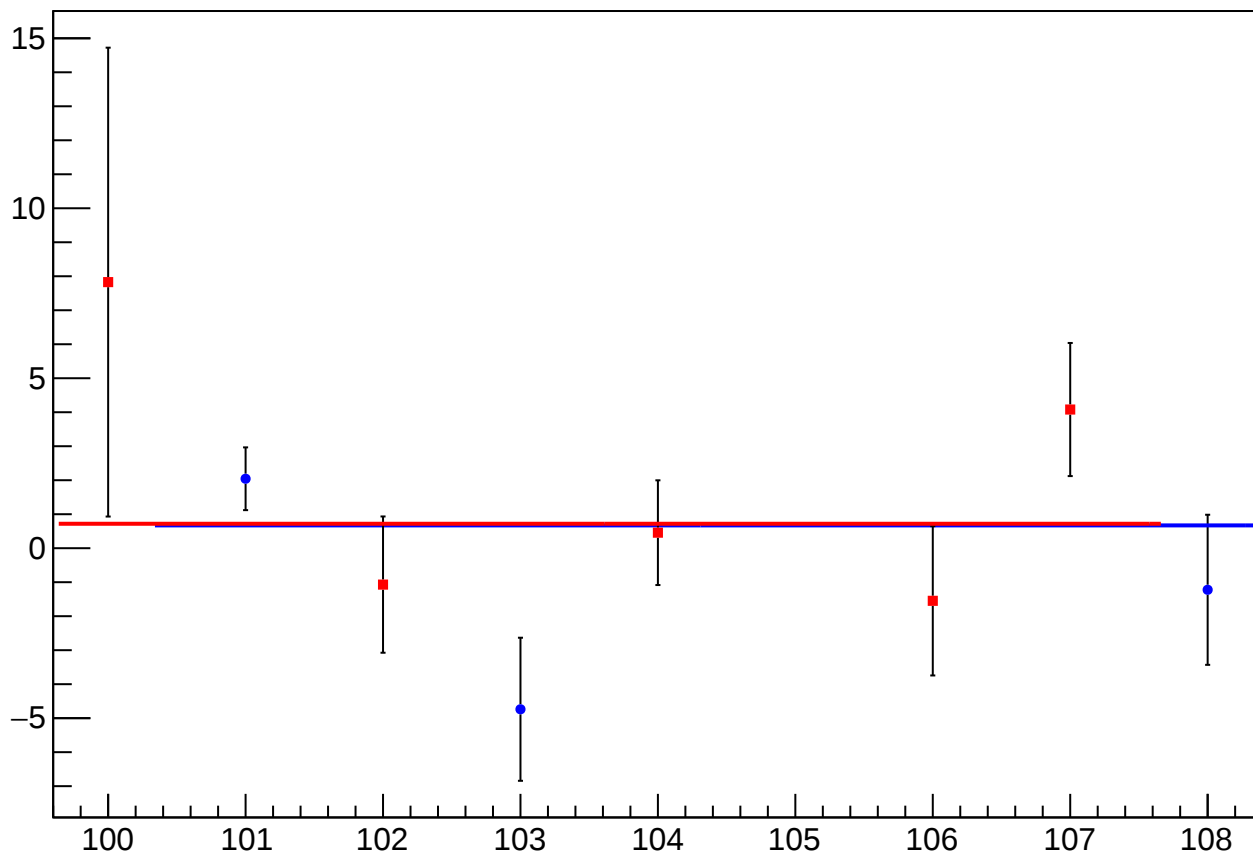
Right: -27.865+/-1.087 χ^2/NDF : 88.6/7

In: -29.628+/-1.453 χ^2/NDF : 27.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.865+/-1.087 χ^2/NDF : 88.6/7

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.671+/-0.789 χ^2/NDF : 9.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.719+/-0.929 χ^2/NDF : 5.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

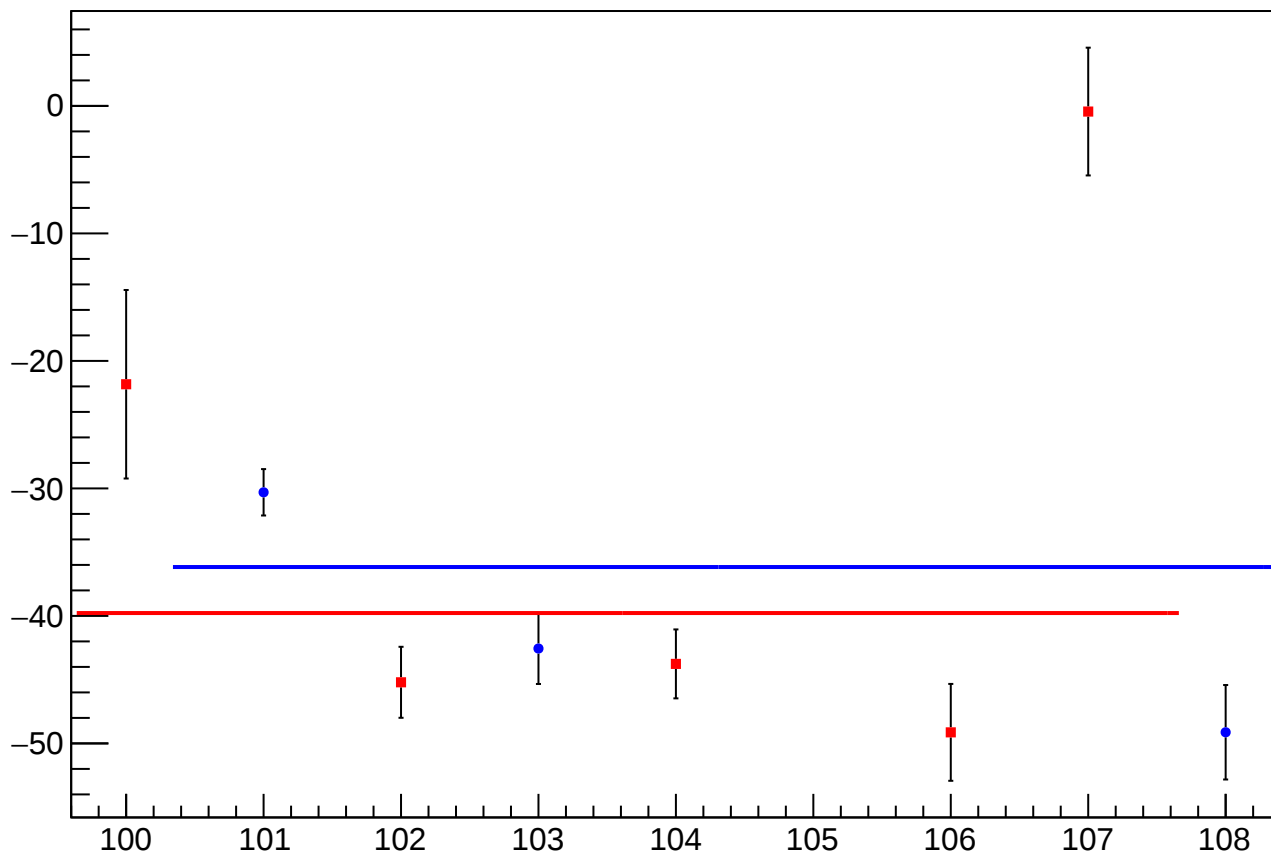
Right: 0.691+/-0.601 χ^2/NDF : 15.5/7

In: 0.671+/-0.789 χ^2/NDF : 9.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.691+/-0.601 χ^2/NDF : 15.5/7

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -36.166+/-1.408 χ^2/NDF : 27.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -39.775+/-1.595 χ^2/NDF : 79.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

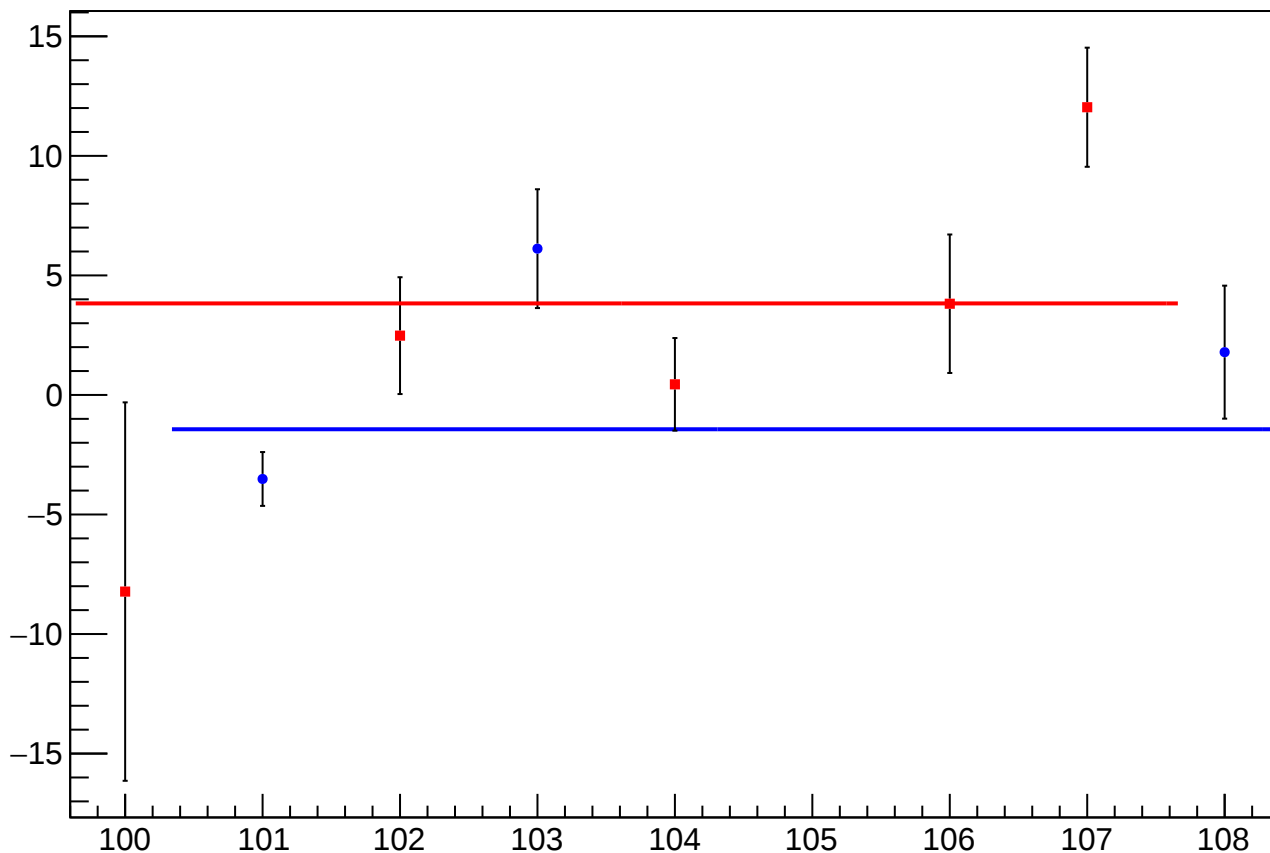
Right: -37.747+/-1.056 χ^2/NDF : 110.3/7

In: -36.166+/-1.408 χ^2/NDF : 27.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.747+/-1.056 χ^2/NDF : 110.3/7

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.435+/-0.962 χ^2/NDF : 14.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.829+/-1.170 χ^2/NDF : 16.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

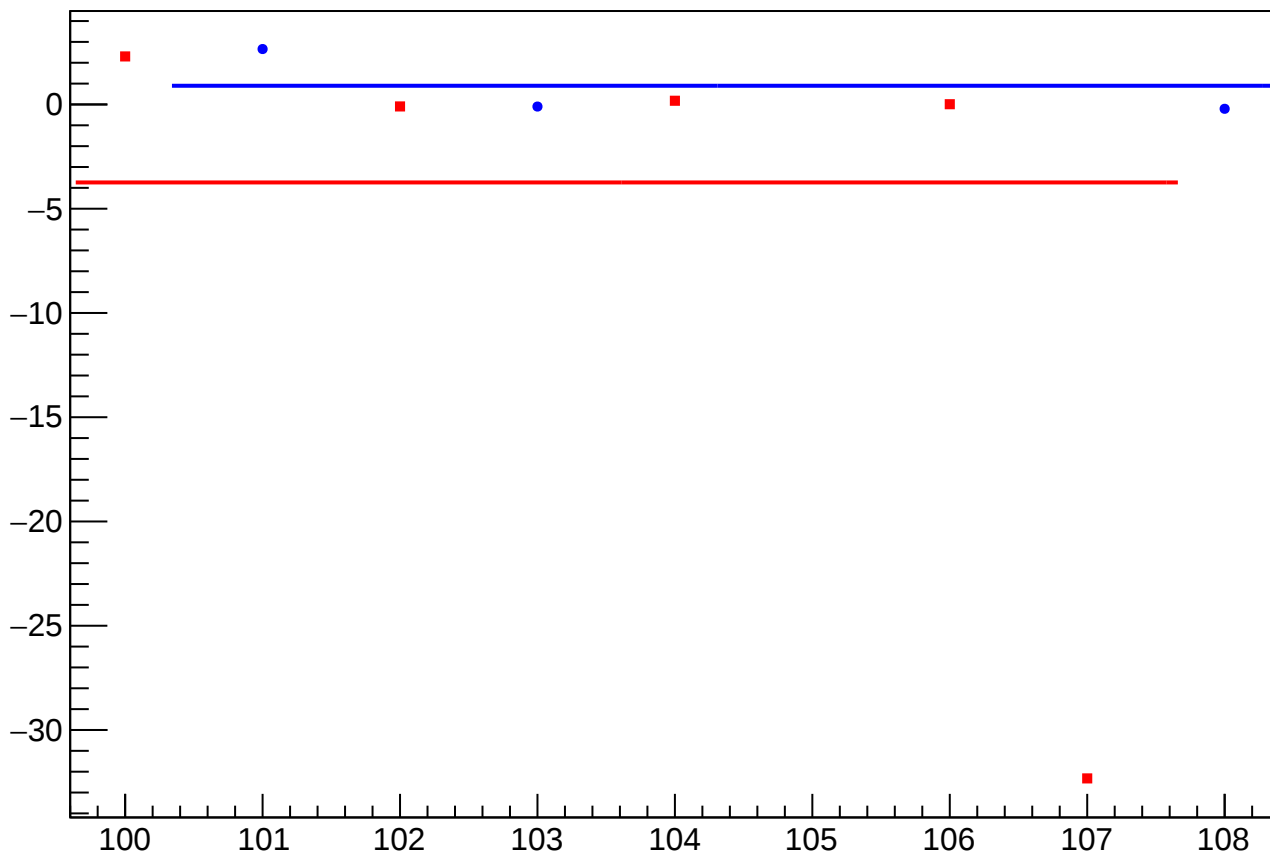
Right: 0.688+/-0.743 χ^2/NDF : 42.6/7

In: -1.435+/-0.962 χ^2/NDF : 14.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.688+/-0.743 χ^2/NDF : 42.6/7

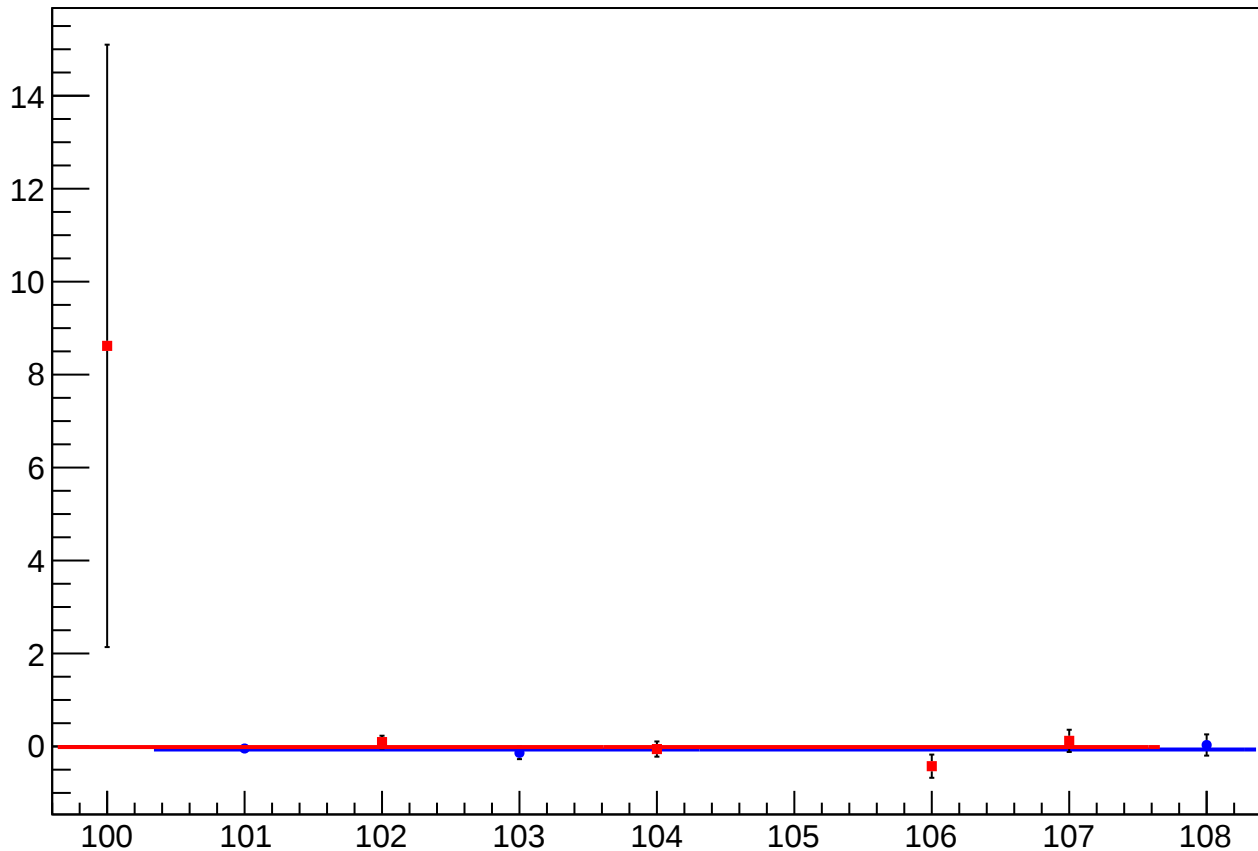
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.897+/-0.040 χ^2/NDF : 1152.5/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -3.740+/-0.040 χ^2/NDF : 70114.0/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -1.433+/-0.028 χ^2/NDF : 78088.6/7
 In: 0.897+/-0.040 χ^2/NDF : 1152.5/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -1.433+/-0.028 χ^2/NDF : 78088.6/7

reg_asym_ds_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.066+/-0.075 χ^2 /NDF: 0.5/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.013+/-0.090 χ^2 /NDF: 5.5/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

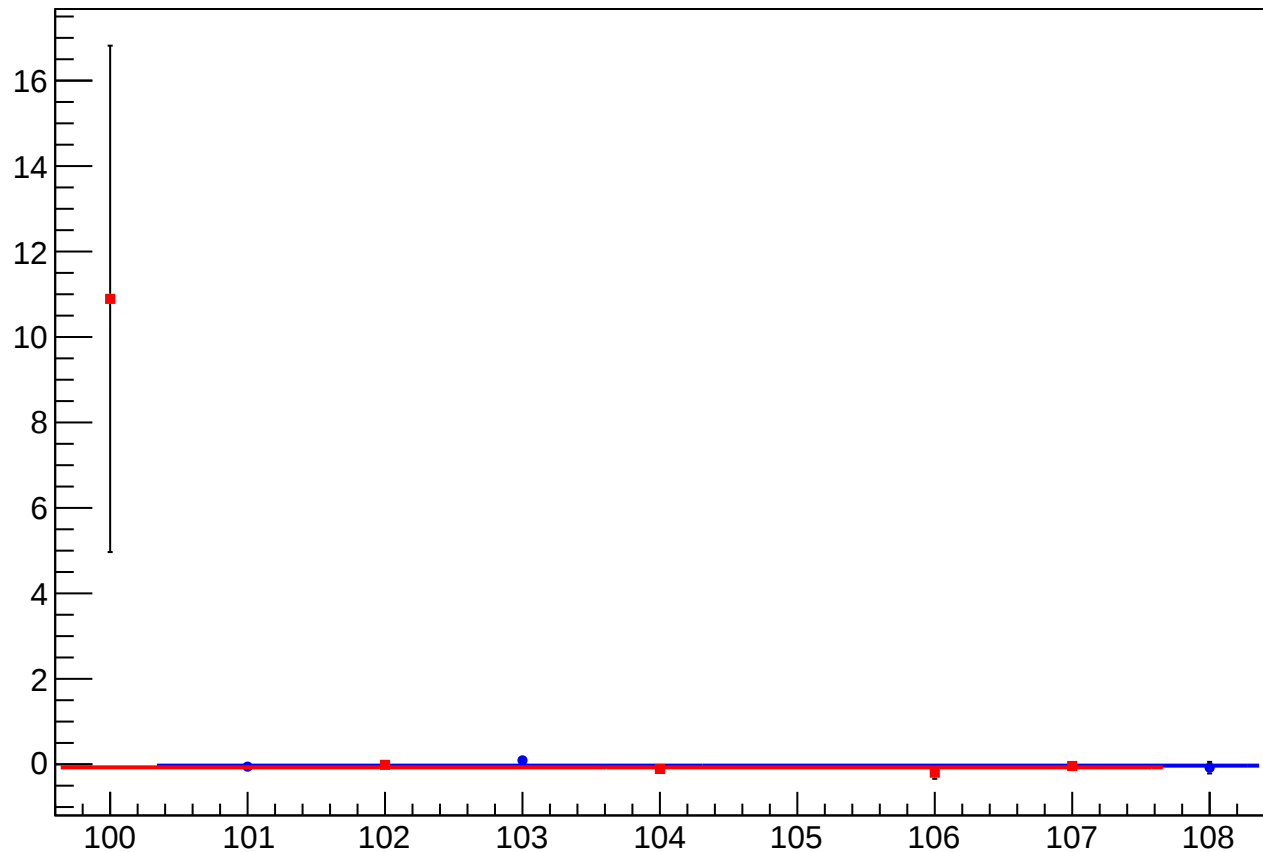
Right: -0.044+/-0.058 χ^2 /NDF: 6.2/7

In: -0.066+/-0.075 χ^2 /NDF:0.5/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.044+/-0.058 χ^2 /NDF: 6.2/7

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.031 $\pm$ 0.041 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.071 $\pm$ 0.051 χ^2 /NDF: 4.8/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

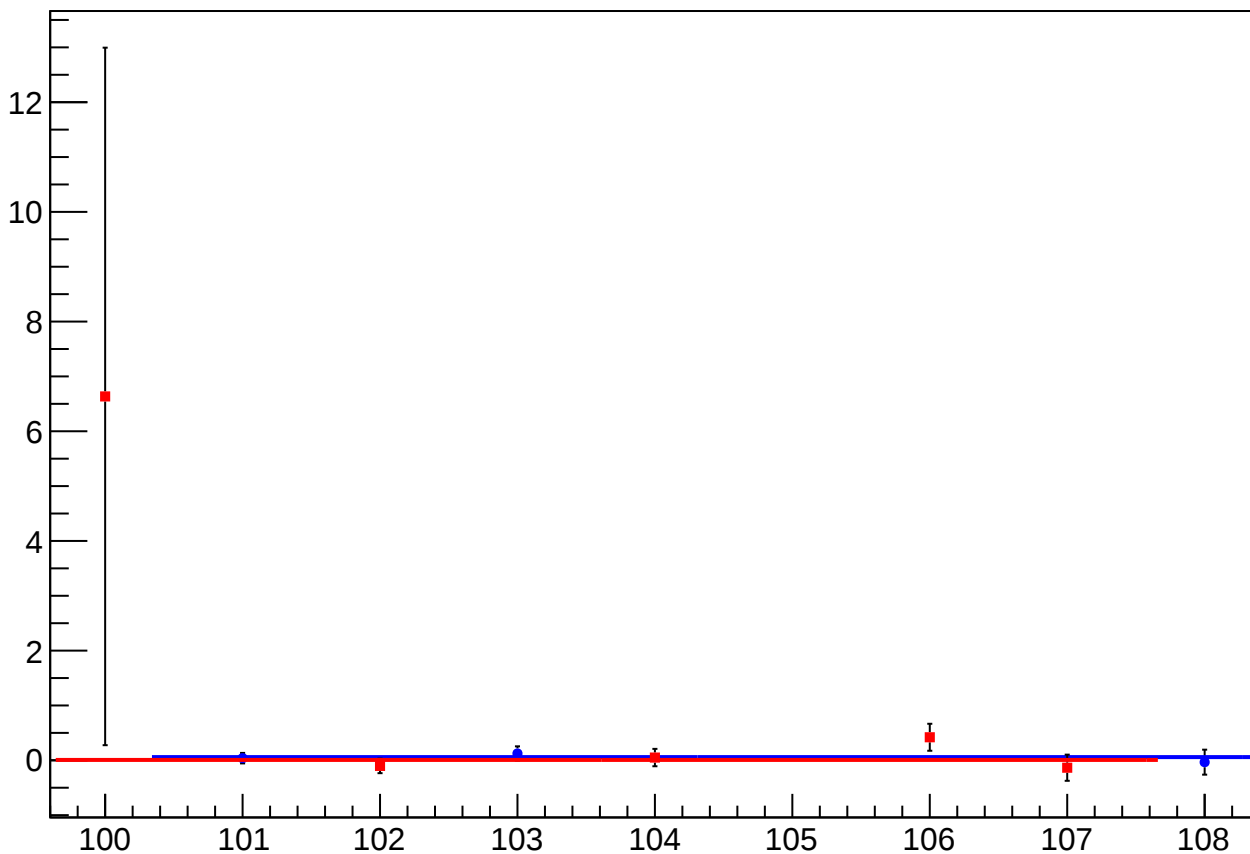
Right: -0.047 $\pm$ 0.032 χ^2 /NDF: 7.1/7

In: -0.031 $\pm$ 0.041 χ^2 /NDF:1.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.047 $\pm$ 0.032 χ^2 /NDF: 7.1/7

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.059+/-0.073 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.087 χ^2/NDF : 5.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

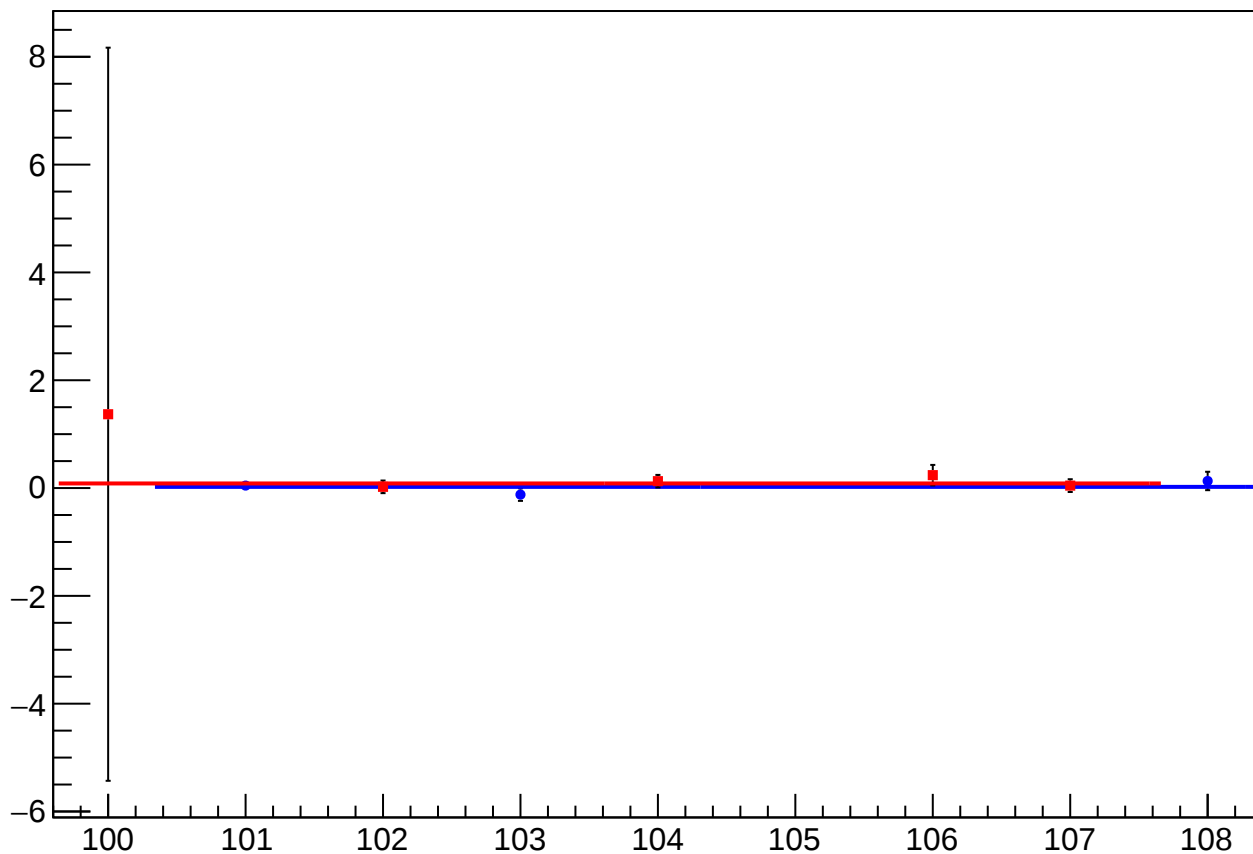
Right: 0.037+/-0.056 χ^2/NDF : 5.7/7

In: 0.059+/-0.073 χ^2/NDF : 0.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.037+/-0.056 χ^2/NDF : 5.7/7

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.022+/-0.050 χ^2/NDF : 2.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.085+/-0.064 χ^2/NDF : 1.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

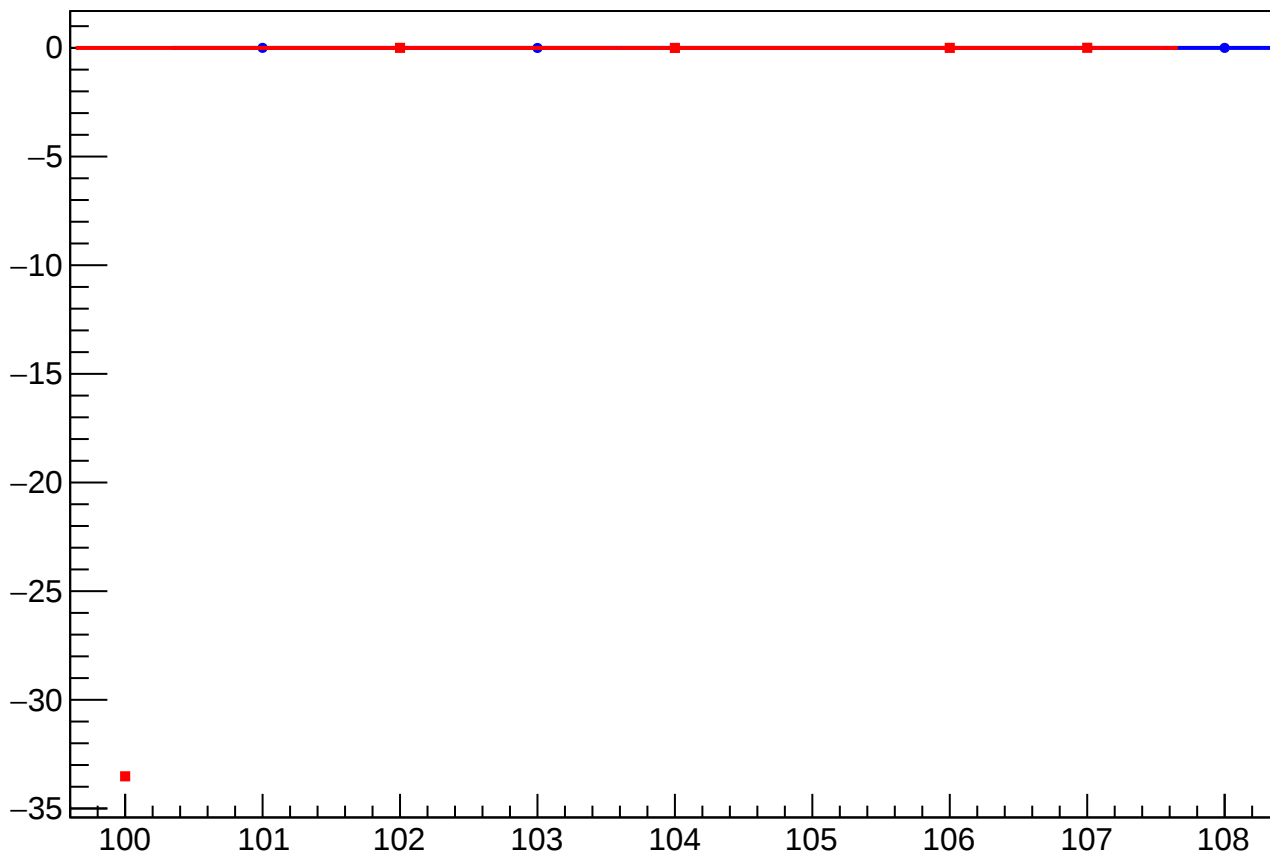
Right: 0.046+/-0.040 χ^2/NDF : 3.9/7

In: 0.022+/-0.050 χ^2/NDF : 2.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.046+/-0.040 χ^2/NDF : 3.9/7

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.002 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.002 $\pm$ 0.002 χ^2 /NDF: 26493.9/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

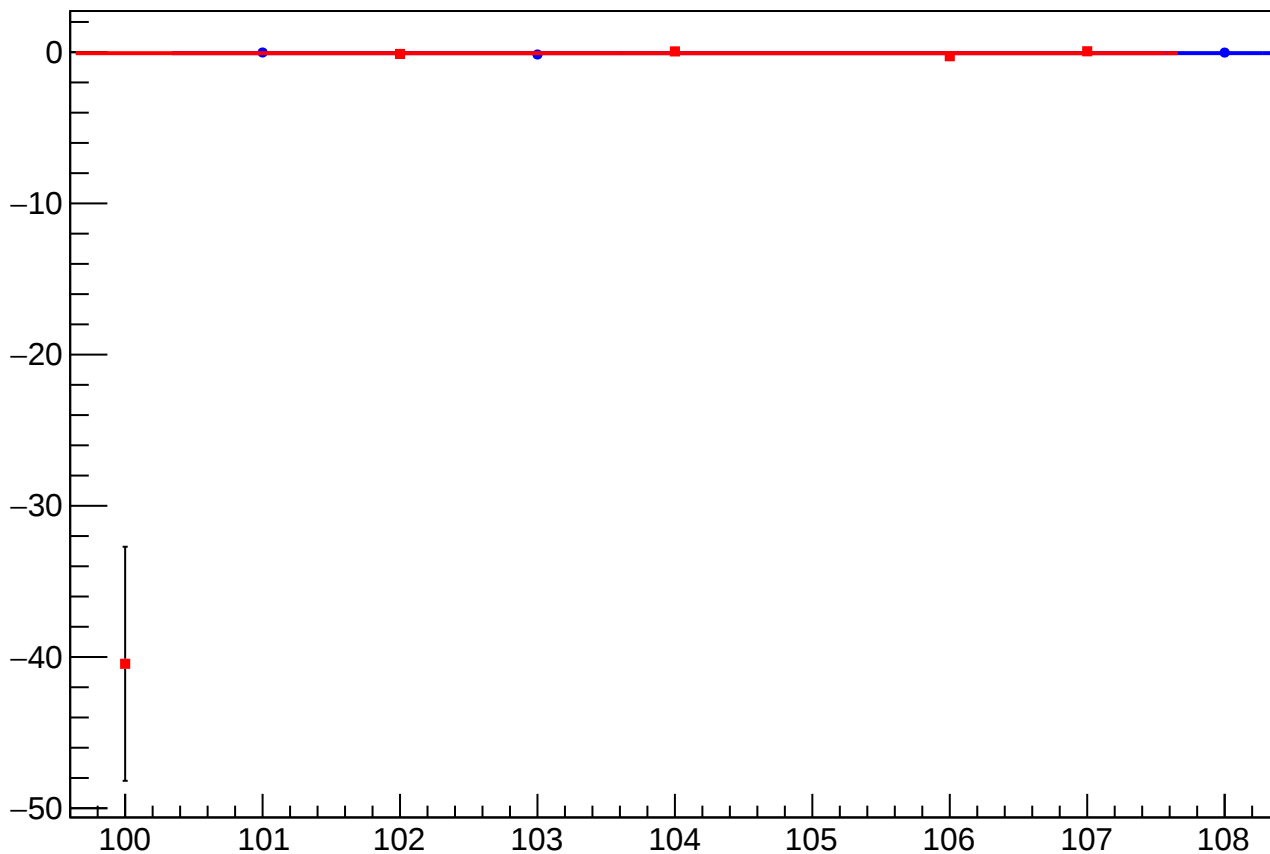
Right: -0.001 $\pm$ 0.001 χ^2 /NDF: 26494.9/7

In: -0.001 $\pm$ 0.002 χ^2 /NDF: 0.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.001 χ^2 /NDF: 26494.9/7

reg_asym_ds_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.061 $\pm$ 0.075 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.065 $\pm$ 0.090 χ^2 /NDF: 28.8/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

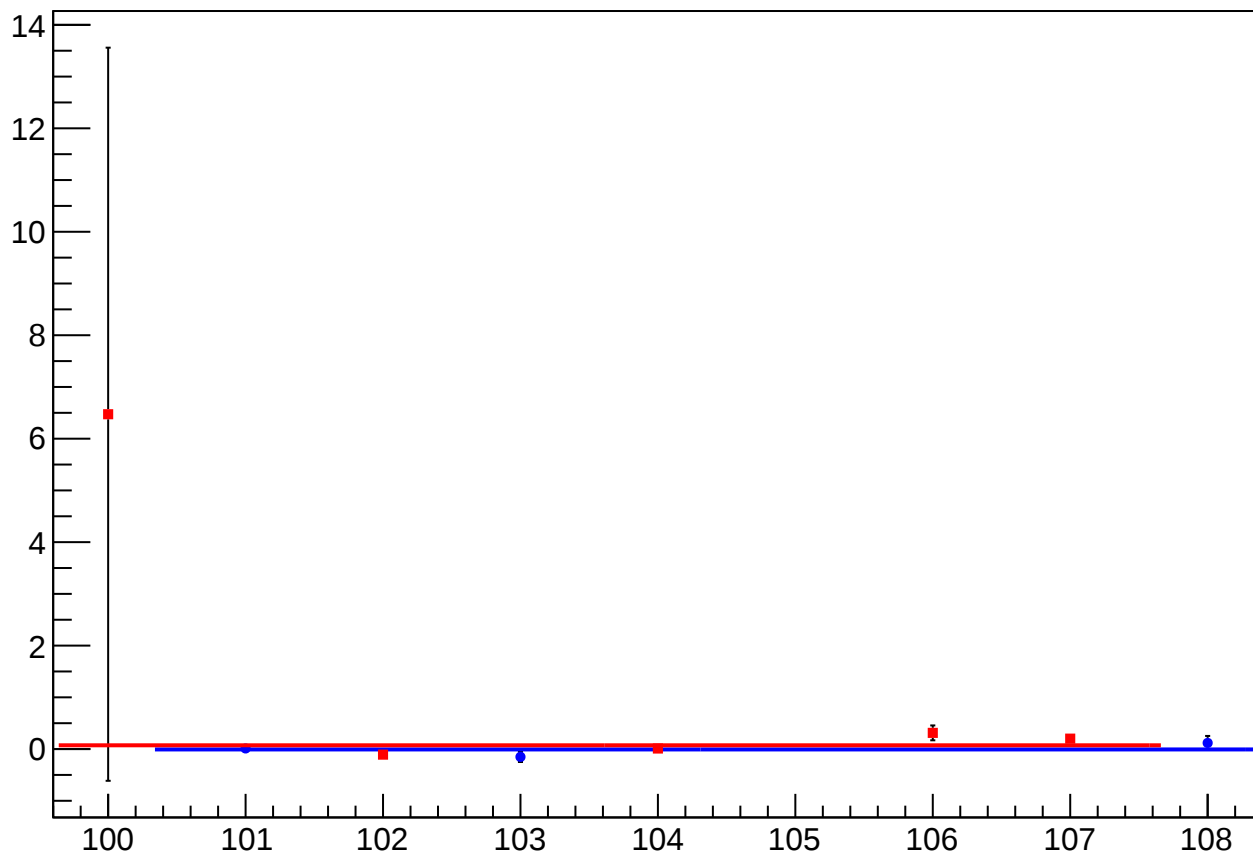
Right: -0.063 $\pm$ 0.058 χ^2 /NDF: 29.5/7

In: -0.061 $\pm$ 0.075 χ^2 /NDF:0.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.063 $\pm$ 0.058 χ^2 /NDF: 29.5/7

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.041 χ^2/NDF : 3.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.073 ± 0.051 χ^2/NDF : 9.5/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

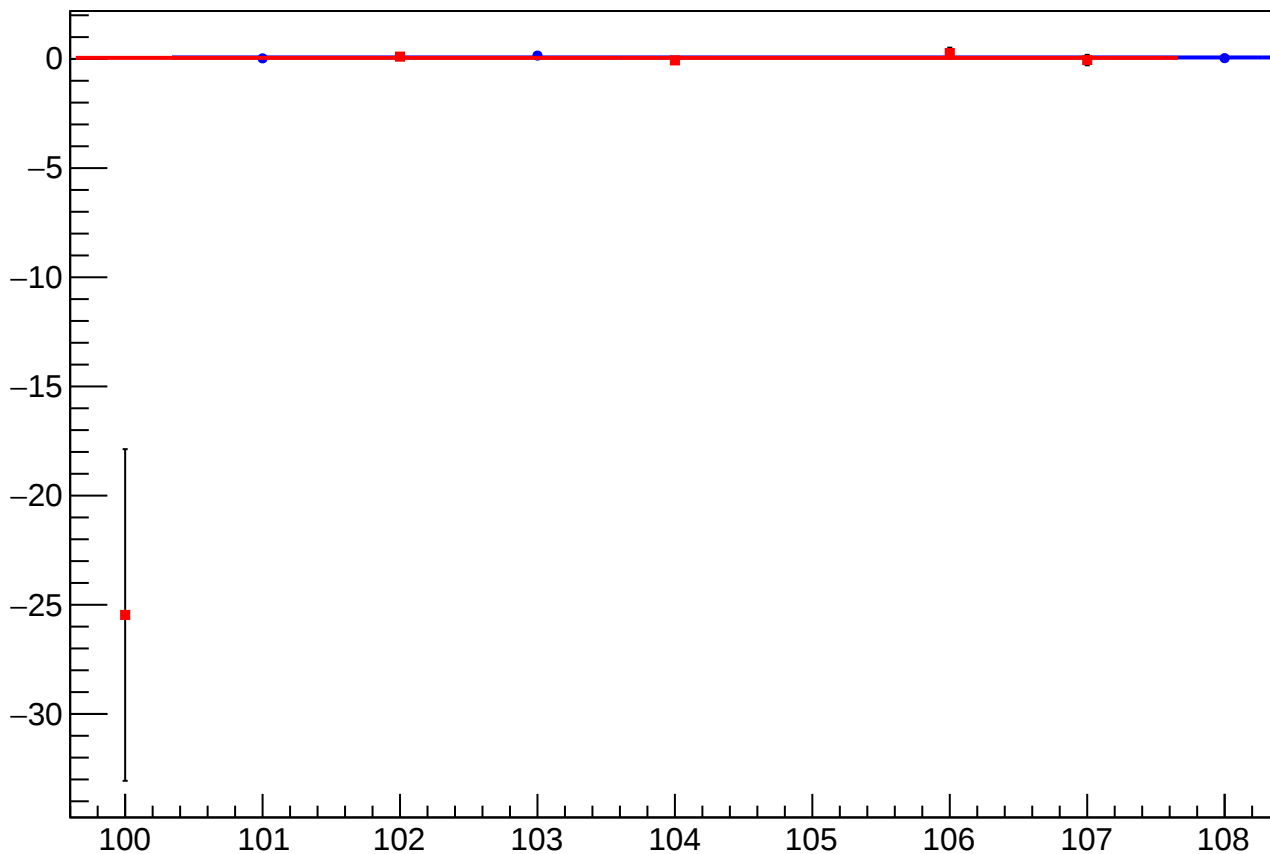
Right: 0.025 ± 0.032 χ^2/NDF : 14.1/7

In: -0.007 ± 0.041 χ^2/NDF : 3.2/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.025 ± 0.032 χ^2/NDF : 14.1/7

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.068+/-0.073 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.049+/-0.087 χ^2/NDF : 13.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

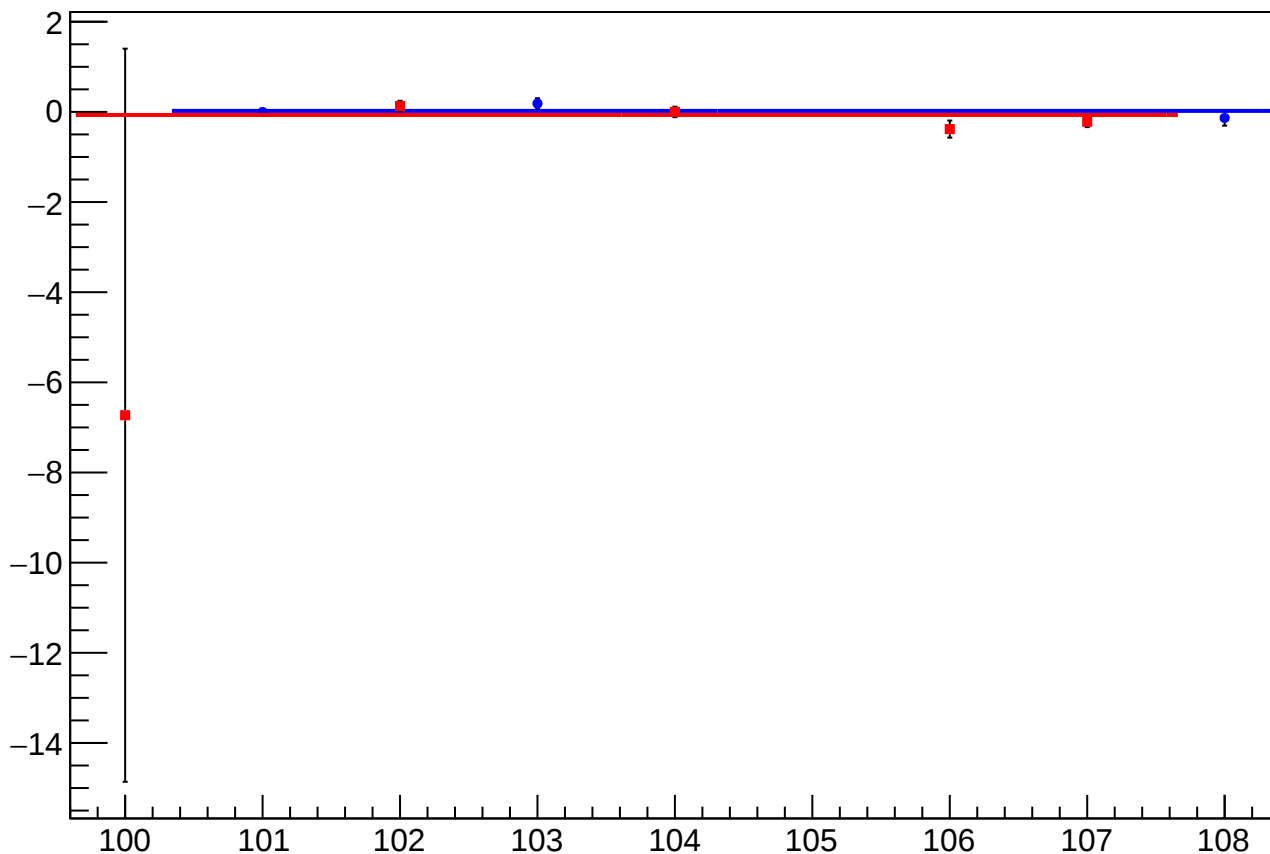
Right: 0.060+/-0.056 χ^2/NDF : 13.7/7

In: 0.068+/-0.073 χ^2/NDF : 0.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.060+/-0.056 χ^2/NDF : 13.7/7

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.022+/-0.050 χ^2/NDF : 3.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.068+/-0.064 χ^2/NDF : 8.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

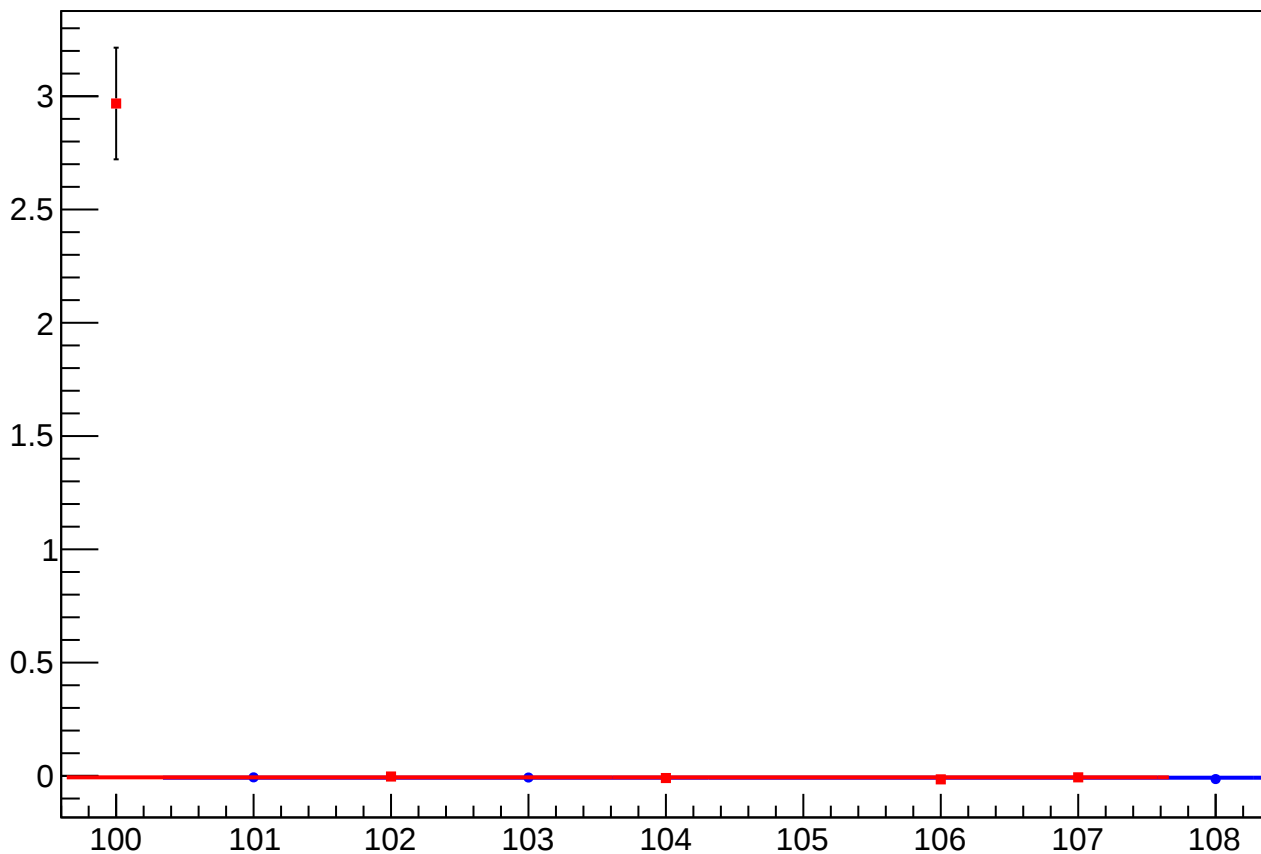
Right: -0.012+/-0.039 χ^2/NDF : 12.5/7

In: 0.022+/-0.050 χ^2/NDF : 3.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.039 χ^2/NDF : 12.5/7

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.008 $\pm$ 0.002 χ^2 /NDF: 1.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 0.002 χ^2 /NDF: 149.6/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

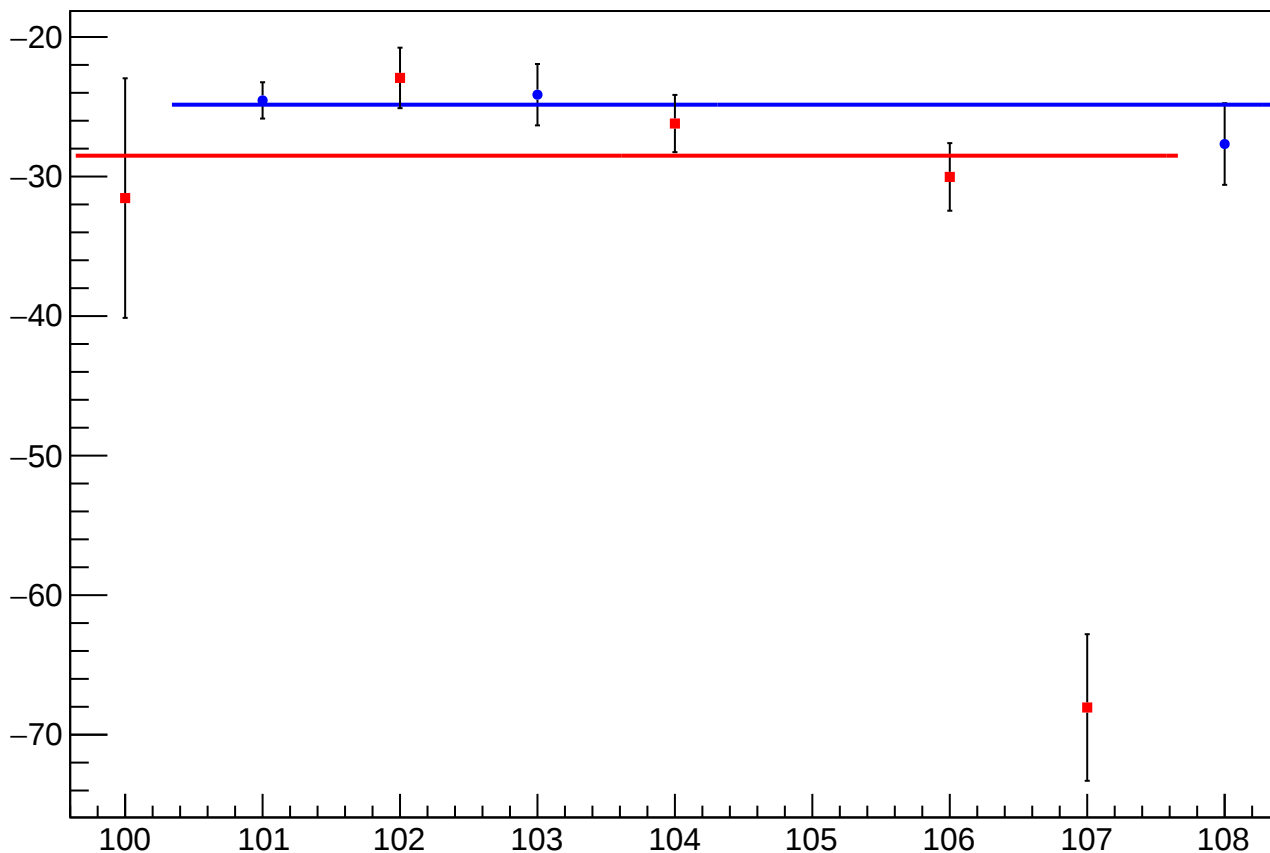
Right: -0.007 $\pm$ 0.001 χ^2 /NDF: 151.6/7

In: -0.008 $\pm$ 0.002 χ^2 /NDF:1.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.001 χ^2 /NDF: 151.6/7

reg_asym_left_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -24.851 $\pm$ 1.046 χ^2 /NDF: 1.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -28.505 $\pm$ 1.221 χ^2 /NDF: 65.1/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

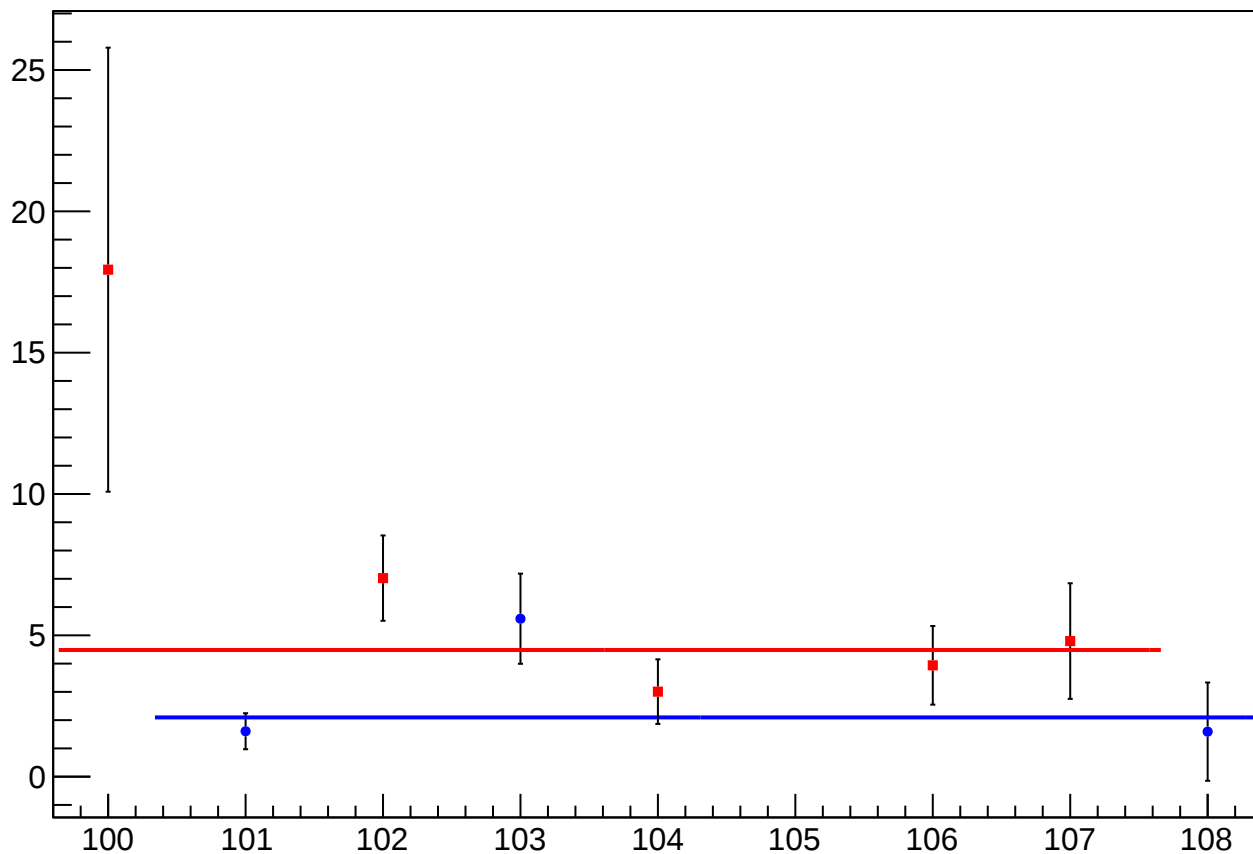
Right: -26.398 $\pm$ 0.794 χ^2 /NDF: 71.3/7

In: -24.851 $\pm$ 1.046 χ^2 /NDF: 1.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -26.398 $\pm$ 0.794 χ^2 /NDF: 71.3/7

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.096+/-0.560 χ^2/NDF : 5.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.482+/-0.711 χ^2/NDF : 7.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

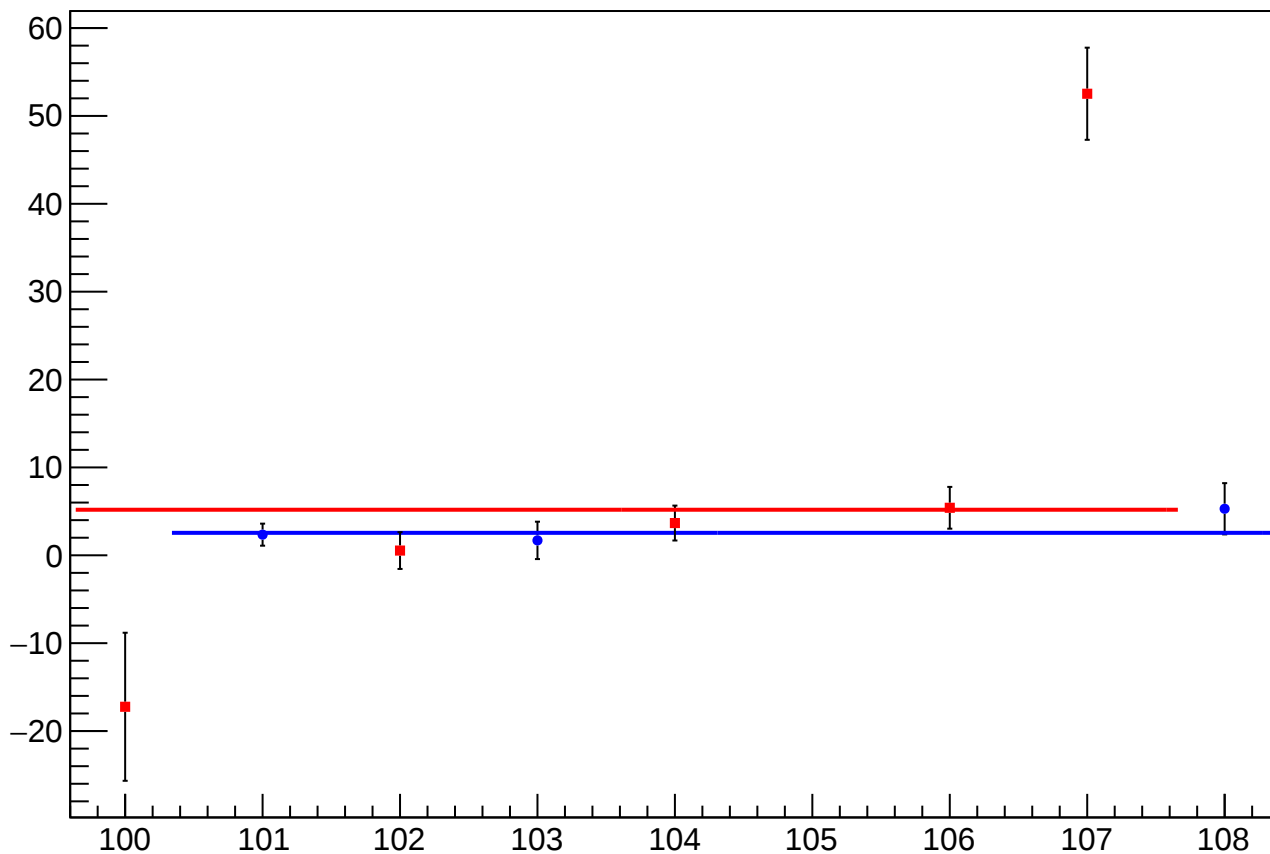
Right: 3.008+/-0.440 χ^2/NDF : 20.0/7

In: 2.096+/-0.560 χ^2/NDF : 5.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.008+/-0.440 χ^2/NDF : 20.0/7

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.556 $\pm$ 1.013 χ^2 /NDF: 1.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.184 $\pm$ 1.187 χ^2 /NDF: 94.1/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

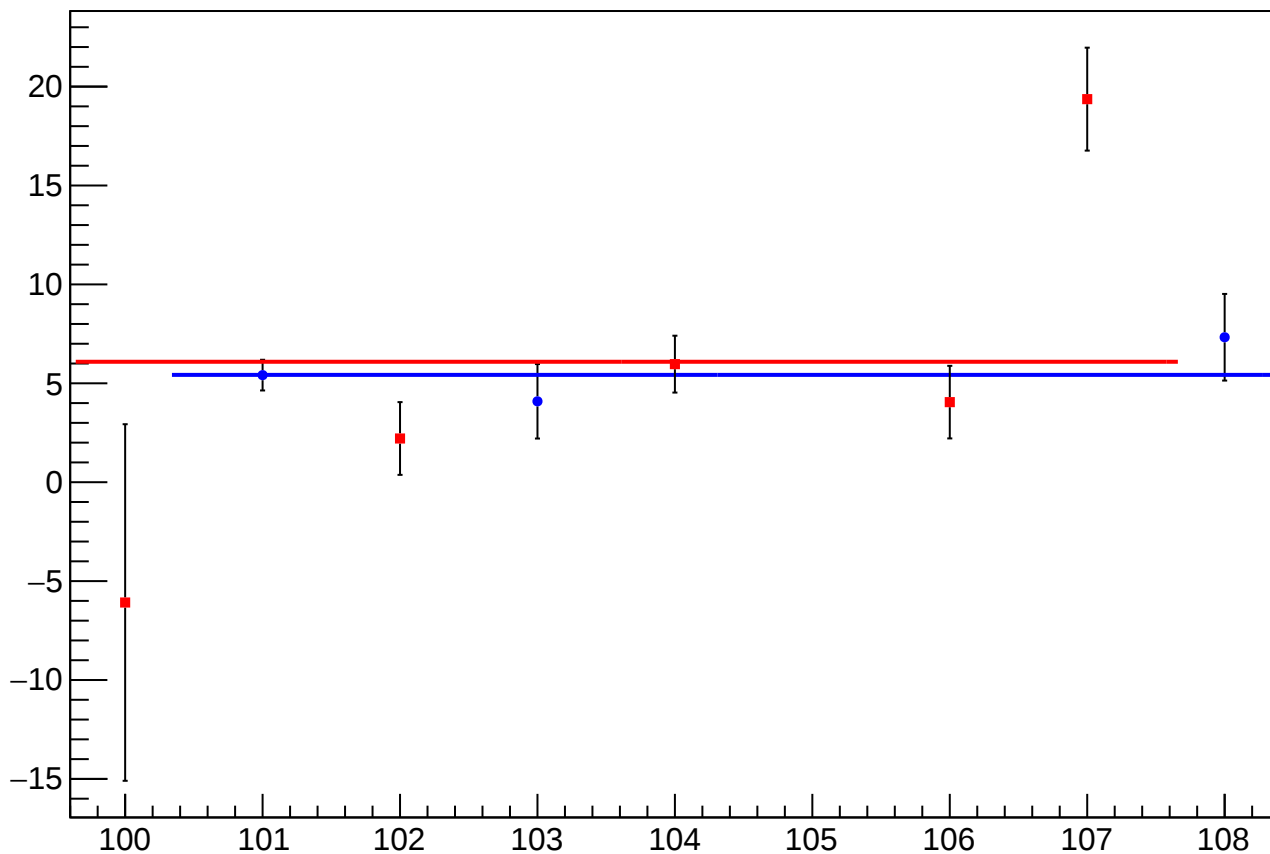
Right: 3.663 $\pm$ 0.771 χ^2 /NDF: 98.0/7

In: 2.556 $\pm$ 1.013 χ^2 /NDF:1.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.663 $\pm$ 0.771 χ^2 /NDF: 98.0/7

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.426+/-0.682 χ^2/NDF : 1.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.089+/-0.899 χ^2/NDF : 33.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

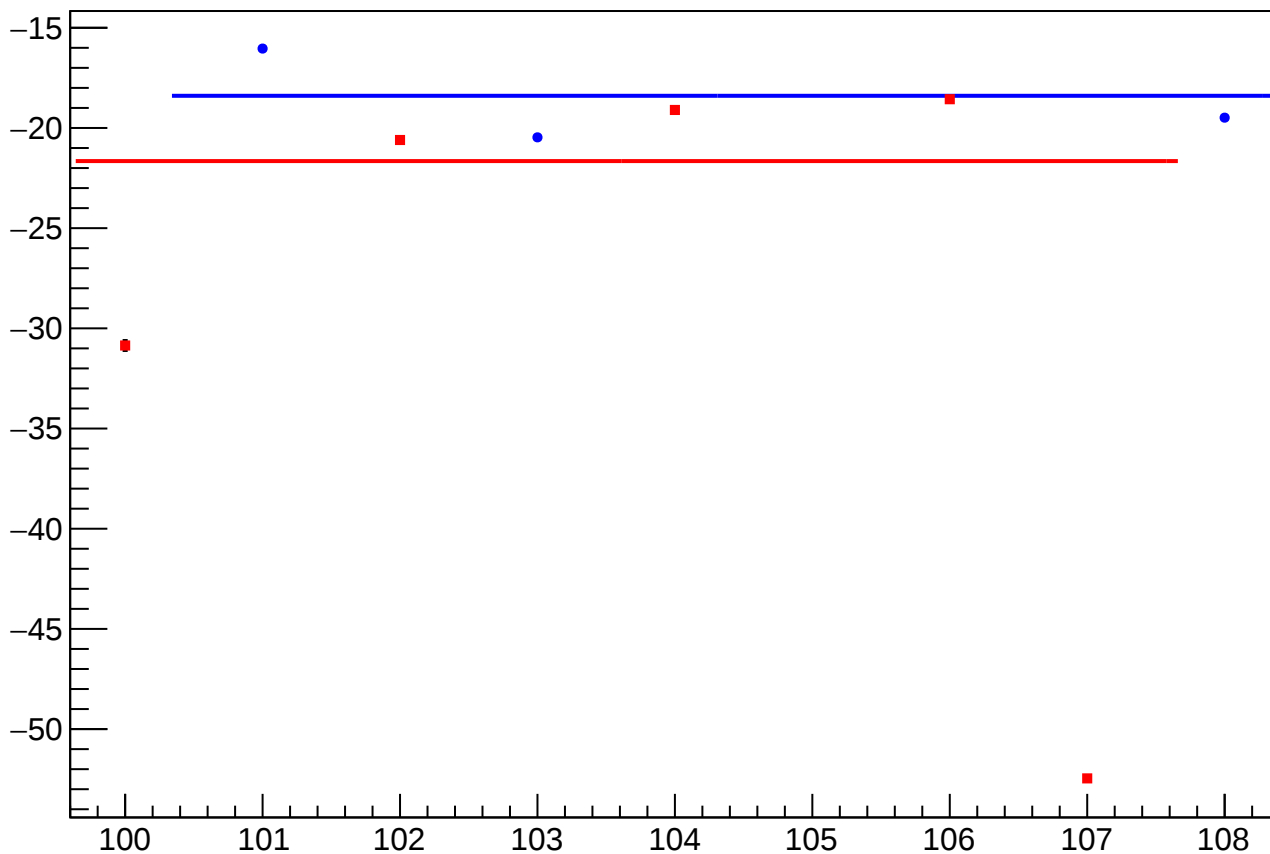
Right: 5.668+/-0.543 χ^2/NDF : 35.2/7

In: 5.426+/-0.682 χ^2/NDF : 1.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.668+/-0.543 χ^2/NDF : 35.2/7

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -18.394+/-0.029 χ^2/NDF : 4886.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.652+/-0.030 χ^2/NDF : 71989.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

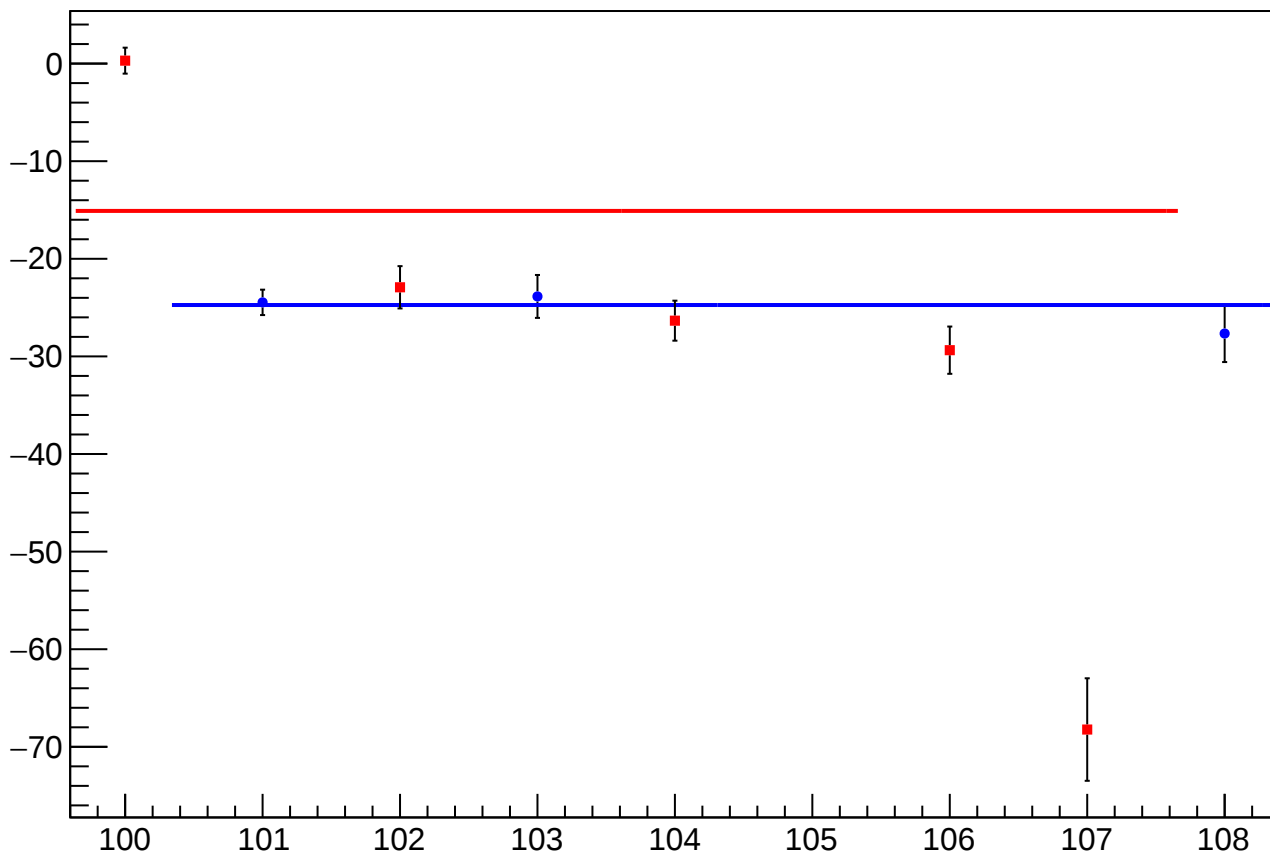
Right: -20.016+/-0.021 χ^2/NDF : 82990.1/7

In: -18.394+/-0.029 χ^2/NDF : 4886.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.016+/-0.021 χ^2/NDF : 82990.1/7

reg_asym_left_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -24.735+/-1.046 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.095+/-0.904 χ^2/NDF : 314.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

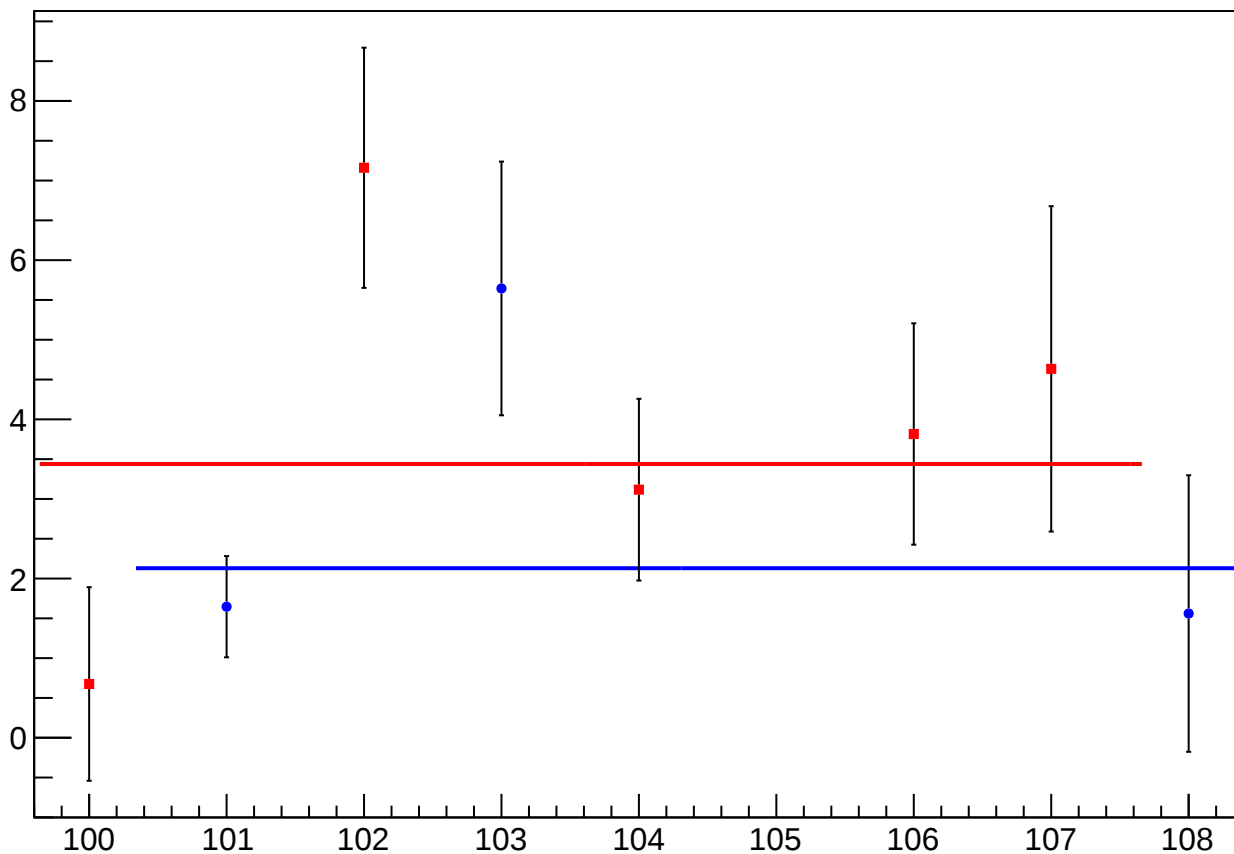
Right: -19.220+/-0.684 χ^2/NDF : 364.1/7

In: -24.735+/-1.046 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.220+/-0.684 χ^2/NDF : 364.1/7

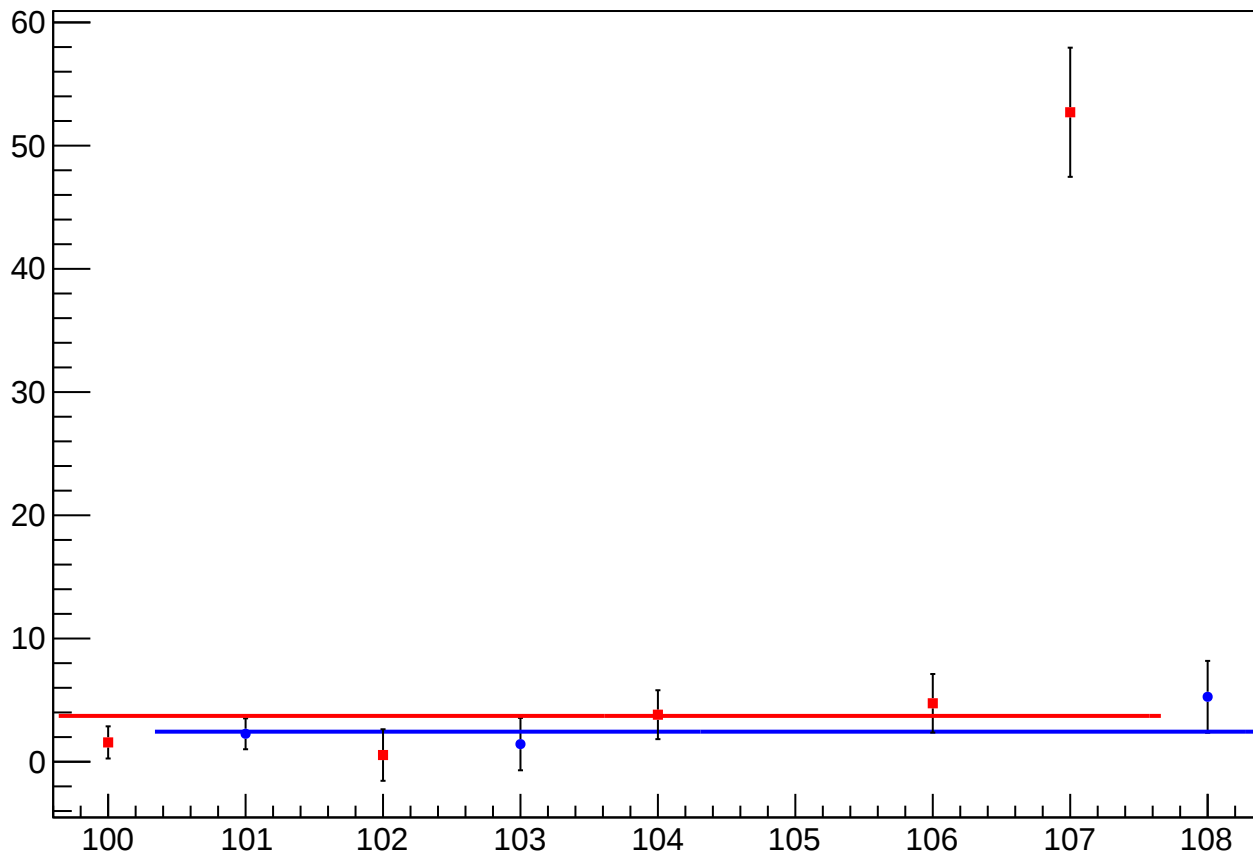
reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.130+/-0.559 χ^2/NDF : 5.5/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 3.439+/-0.616 χ^2/NDF : 11.7/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 2.722+/-0.414 χ^2/NDF : 19.8/7
 In: 2.130+/-0.559 χ^2/NDF : 5.5/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 2.722+/-0.414 χ^2/NDF : 19.8/7

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.440 $\pm$ 1.013 χ^2 /NDF: 1.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.720 $\pm$ 0.883 χ^2 /NDF: 92.6/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

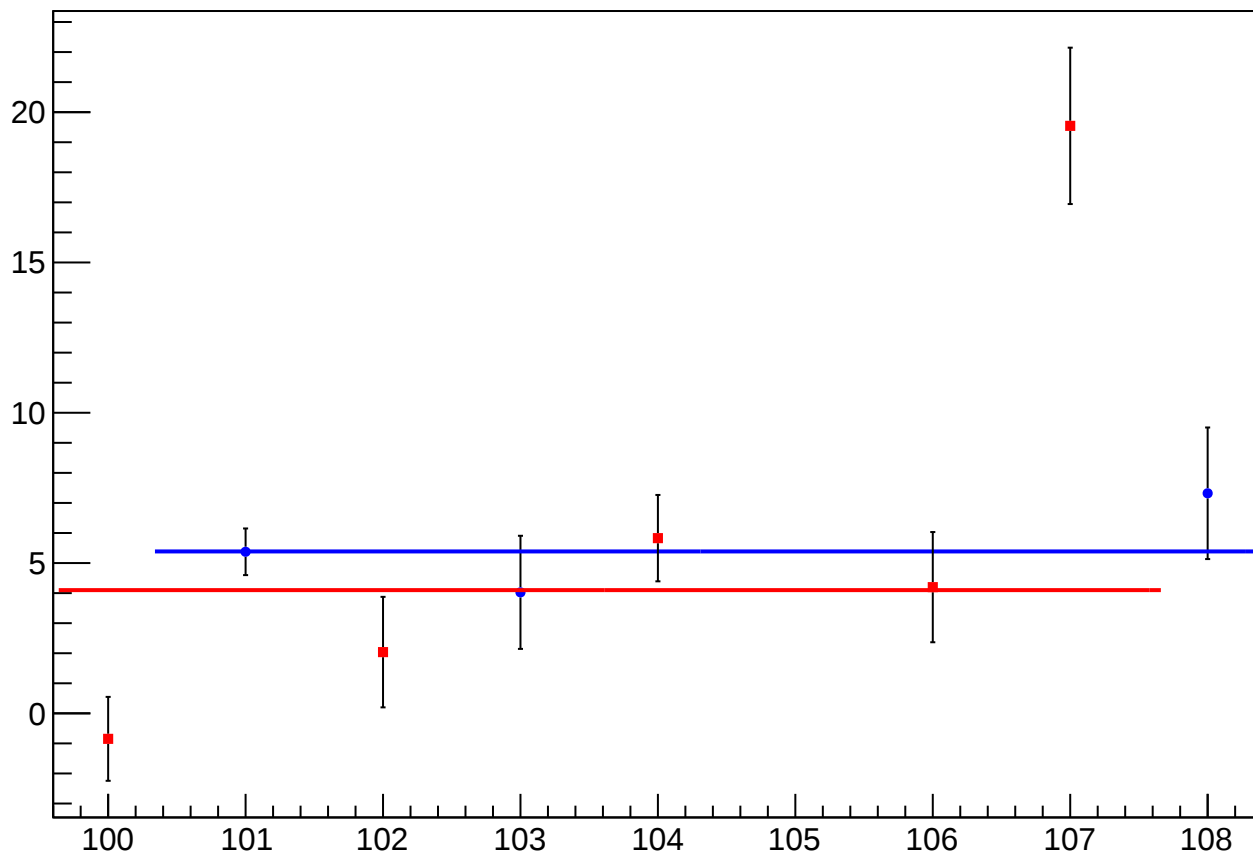
Right: 3.167 $\pm$ 0.665 χ^2 /NDF: 94.7/7

In: 2.440 $\pm$ 1.013 χ^2 /NDF: 1.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.167 $\pm$ 0.665 χ^2 /NDF: 94.7/7

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.387 $\pm$ 0.682 χ^2 /NDF: 1.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.100 $\pm$ 0.758 χ^2 /NDF: 50.5/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

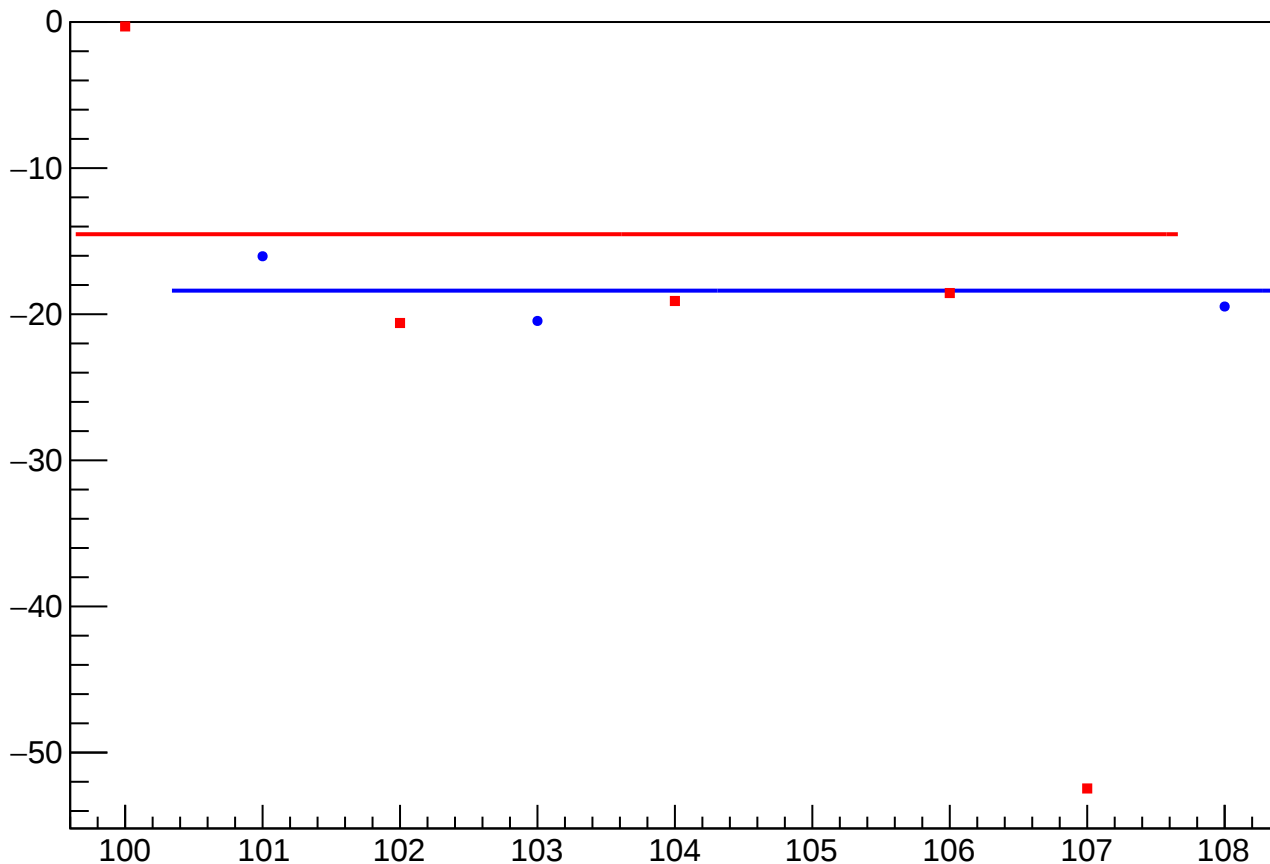
Right: 4.812 $\pm$ 0.507 χ^2 /NDF: 53.4/7

In: 5.387 $\pm$ 0.682 χ^2 /NDF: 1.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.812 $\pm$ 0.507 χ^2 /NDF: 53.4/7

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -18.386 $\pm$ 0.029 χ^2 /NDF: 4879.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -14.524 $\pm$ 0.024 χ^2 /NDF: 239883.9/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

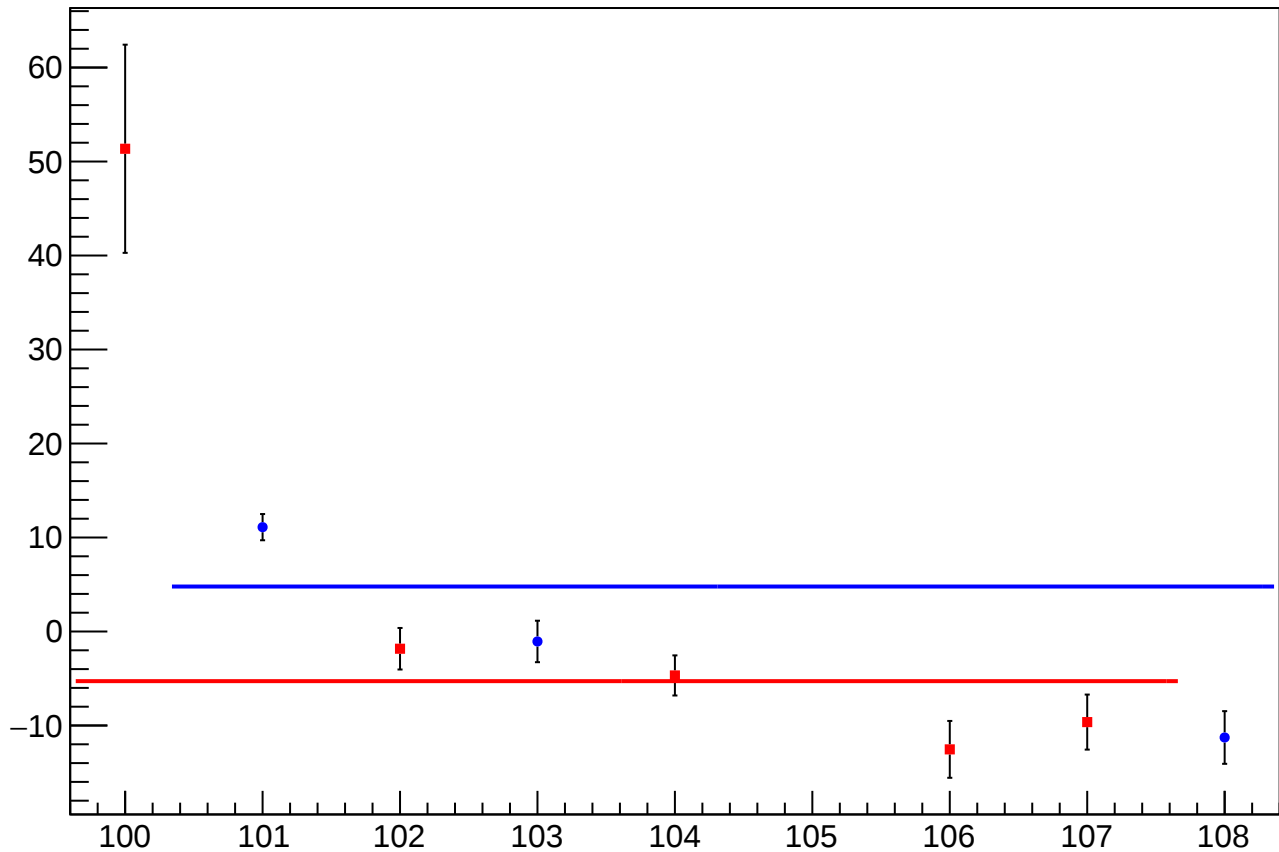
Right: -16.092 $\pm$ 0.019 χ^2 /NDF: 255023.4/7

In: -18.386 $\pm$ 0.029 χ^2 /NDF: 4879.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -16.092 $\pm$ 0.019 χ^2 /NDF: 255023.4/7

reg_asym_right_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 4.785+/-1.087 χ^2/NDF : 60.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.281+/-1.232 χ^2/NDF : 36.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

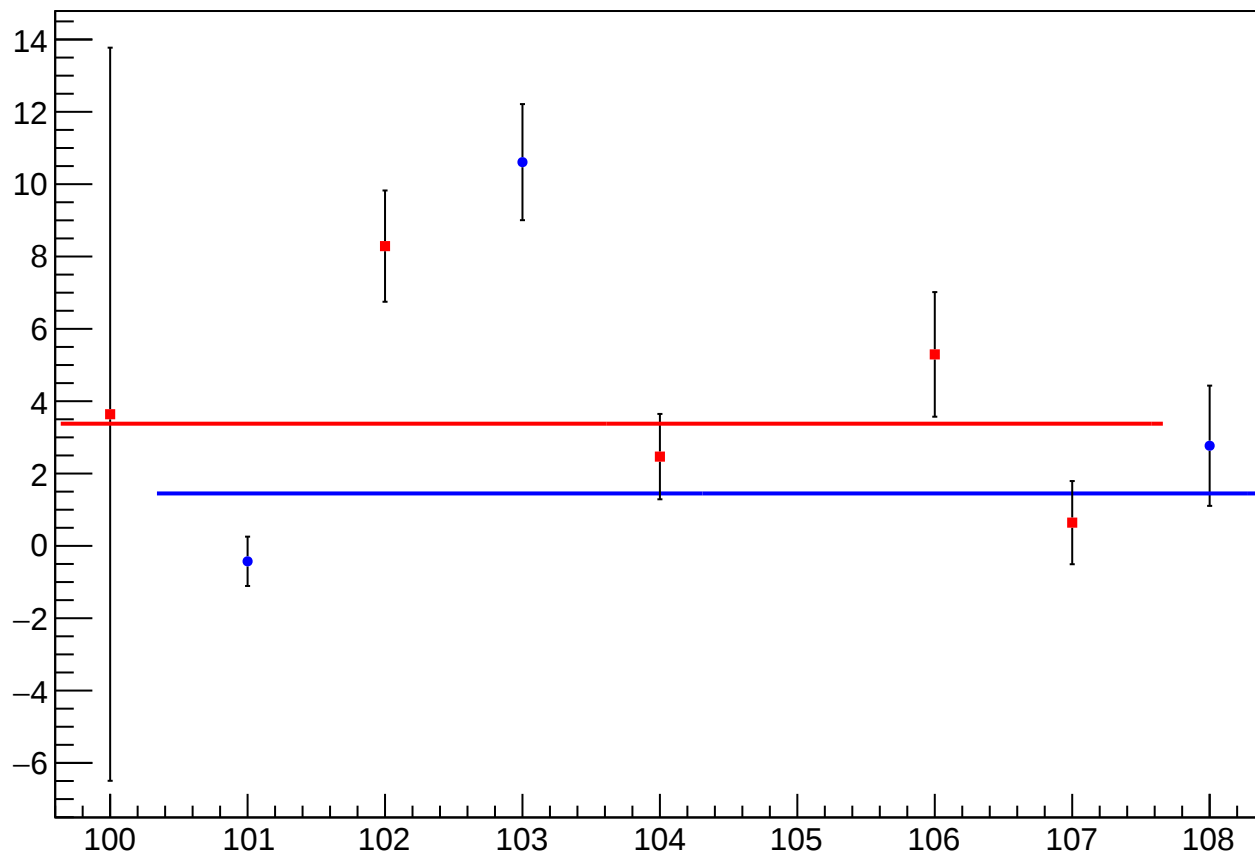
Right: 0.380+/-0.815 χ^2/NDF : 134.5/7

In: 4.785+/-1.087 χ^2/NDF : 60.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.380+/-0.815 χ^2/NDF : 134.5/7

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.450+/-0.587 χ^2/NDF : 40.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.378+/-0.668 χ^2/NDF : 17.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

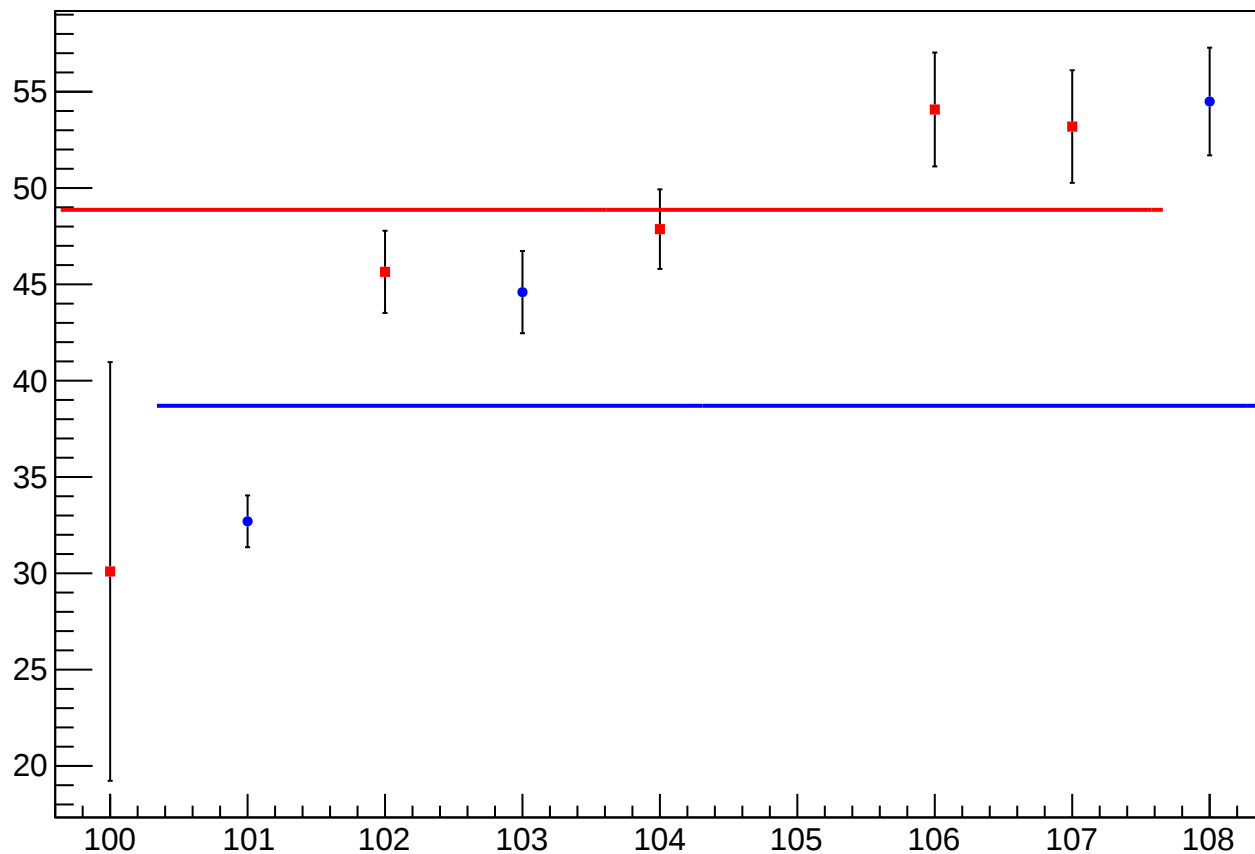
Right: 2.291+/-0.441 χ^2/NDF : 63.2/7

In: 1.450+/-0.587 χ^2/NDF : 40.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.291+/-0.441 χ^2/NDF : 63.2/7

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 38.696+/-1.053 χ^2/NDF : 59.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.870+/-1.200 χ^2/NDF : 10.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

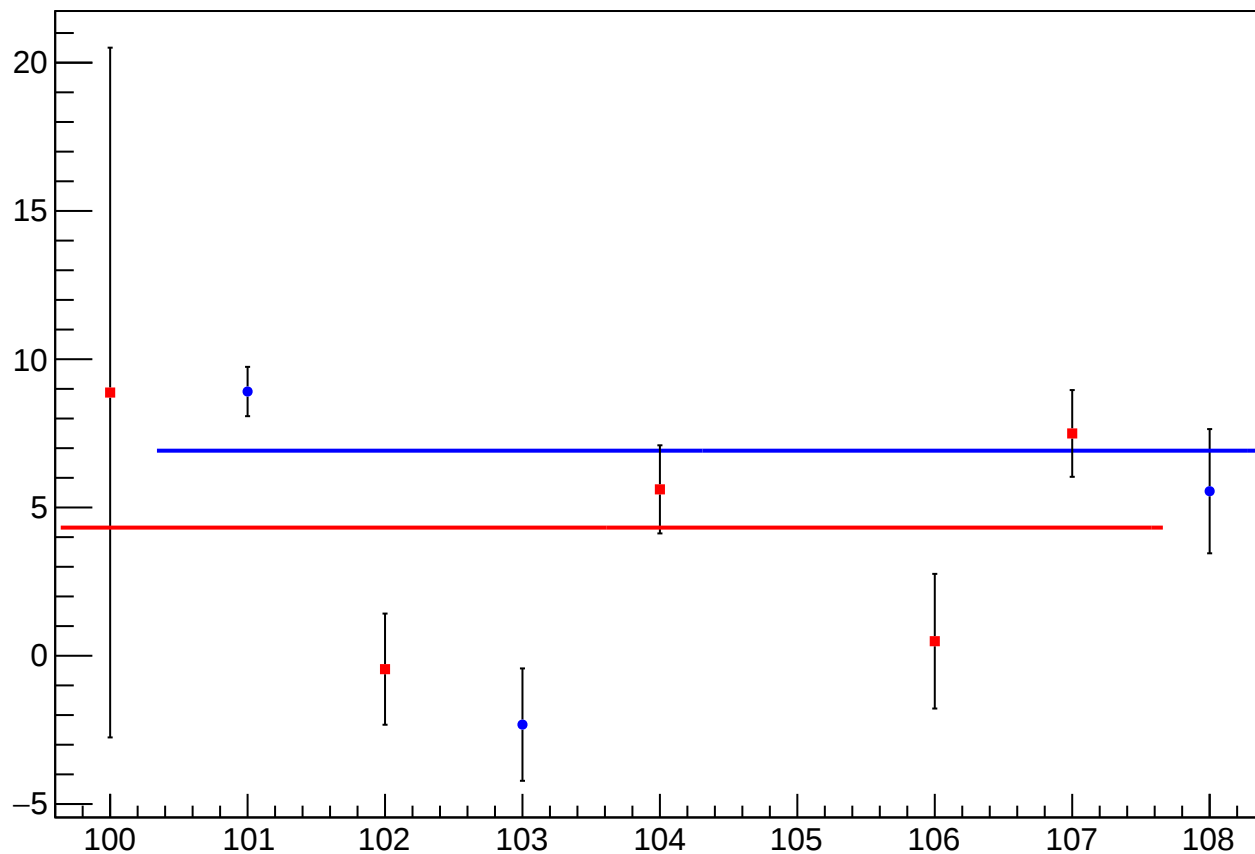
Right: 43.124+/-0.792 χ^2/NDF : 110.9/7

In: 38.696+/-1.053 χ^2/NDF : 59.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.124+/-0.792 χ^2/NDF : 110.9/7

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.916+/-0.716 χ^2/NDF : 29.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.322+/-0.843 χ^2/NDF : 15.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

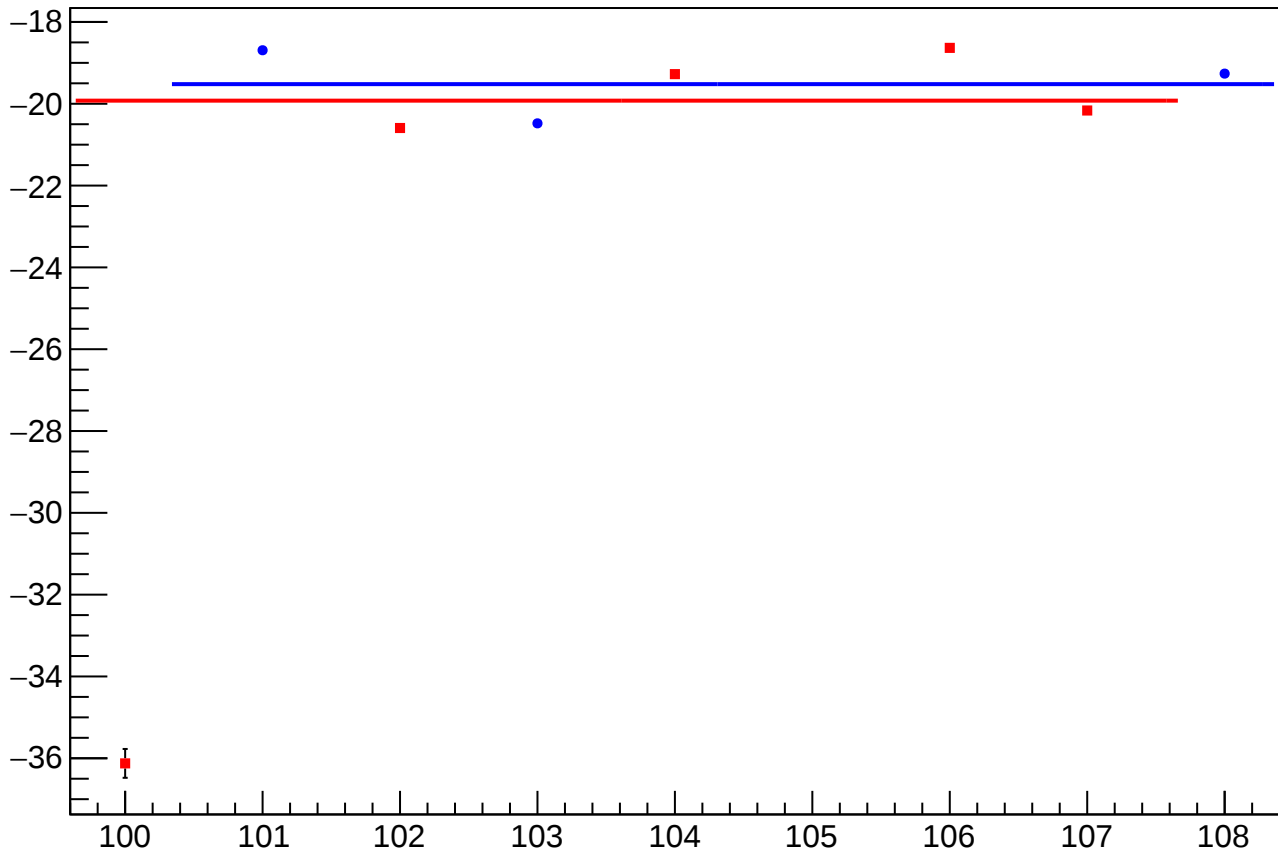
Right: 5.829+/-0.546 χ^2/NDF : 50.4/7

In: 6.916+/-0.716 χ^2/NDF : 29.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.829+/-0.546 χ^2/NDF : 50.4/7

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.520 ± 0.030 $\chi^2/\text{NDF}: 711.2/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -19.924 ± 0.029 $\chi^2/\text{NDF}: 2727.2/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

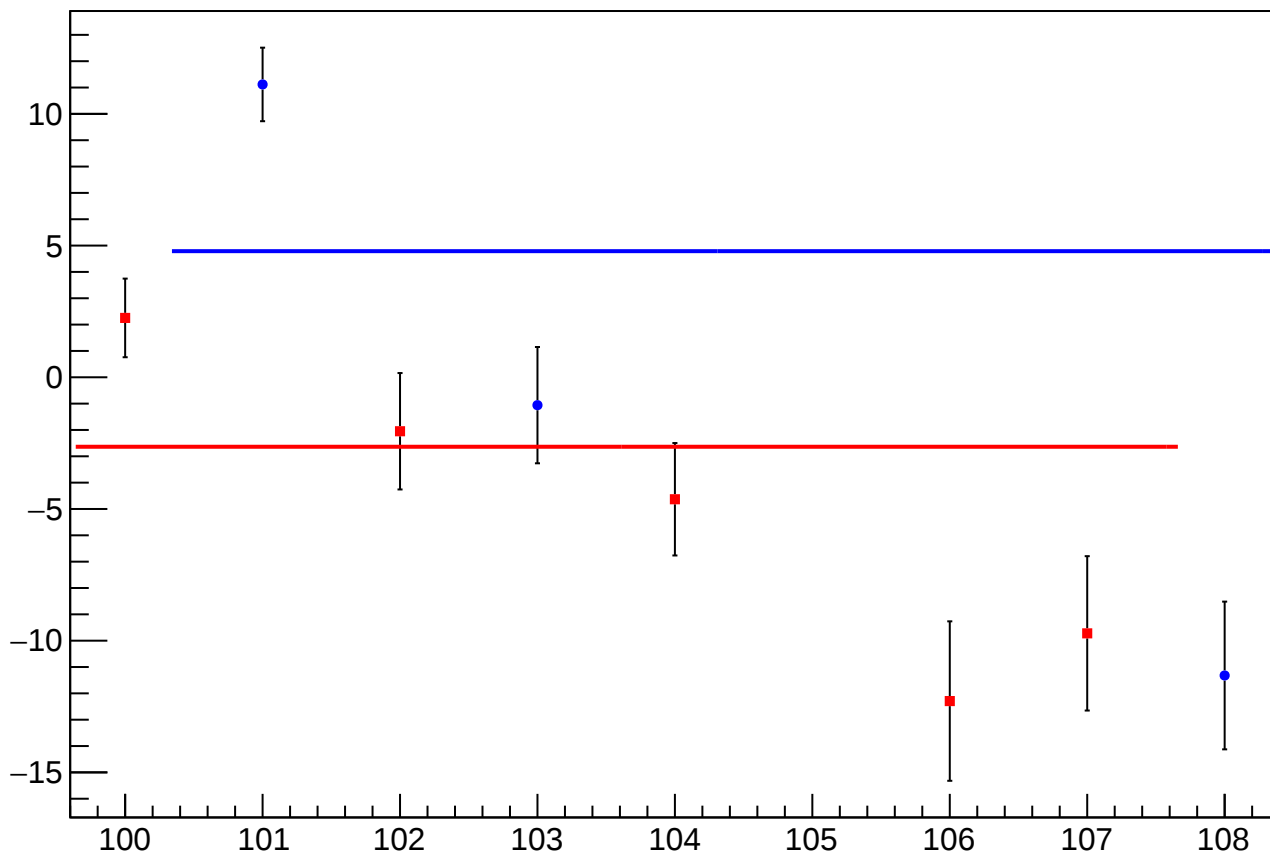
Right: -19.726 ± 0.021 $\chi^2/\text{NDF}: 3530.5/7$

In: -19.520 ± 0.030 $\chi^2/\text{NDF}: 711.2/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -19.726 ± 0.021 $\chi^2/\text{NDF}: 3530.5/7$

reg_asym_right_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 4.788+/-1.088 χ^2/NDF : 60.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.638+/-0.954 χ^2/NDF : 27.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

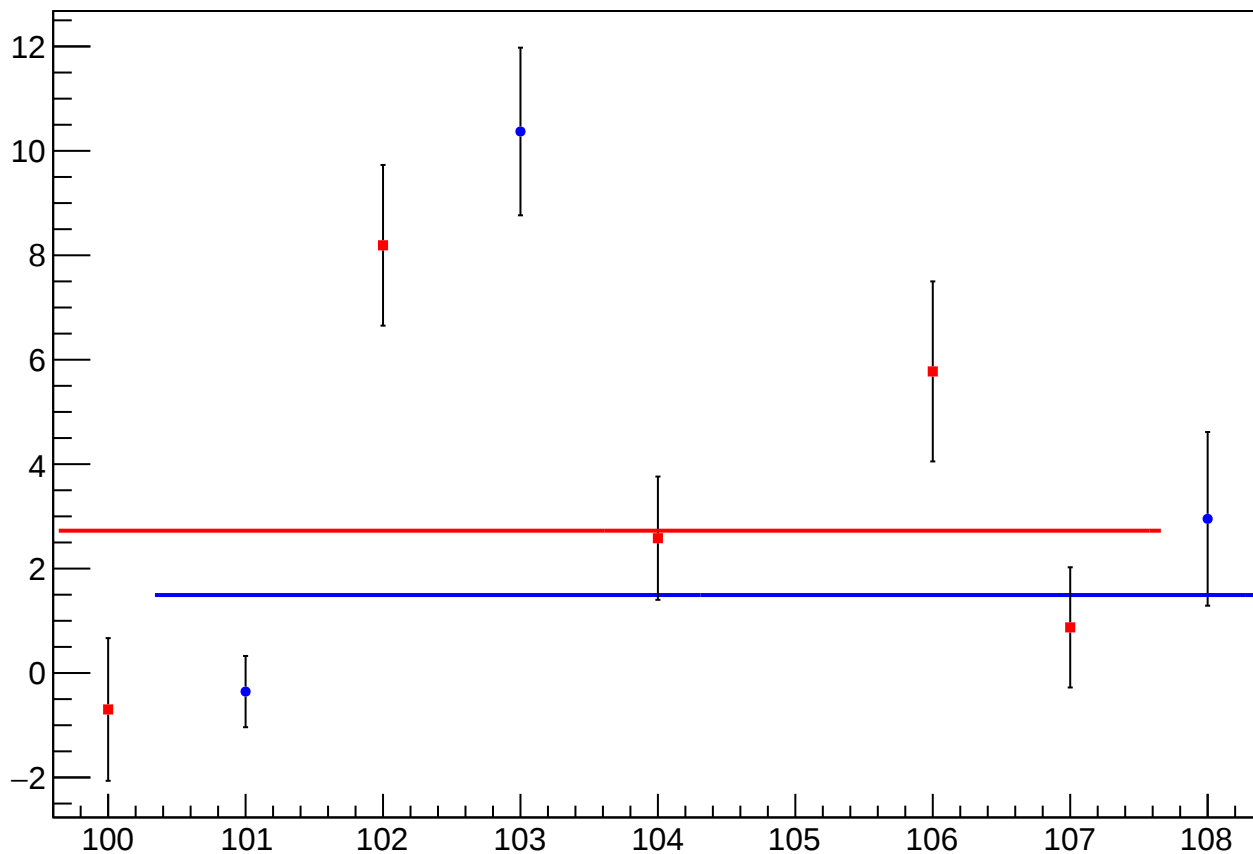
Right: 0.591+/-0.717 χ^2/NDF : 114.6/7

In: 4.788+/-1.088 χ^2/NDF : 60.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.591+/-0.717 χ^2/NDF : 114.6/7

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.494+/-0.587 χ^2/NDF : 38.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.726+/-0.601 χ^2/NDF : 24.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

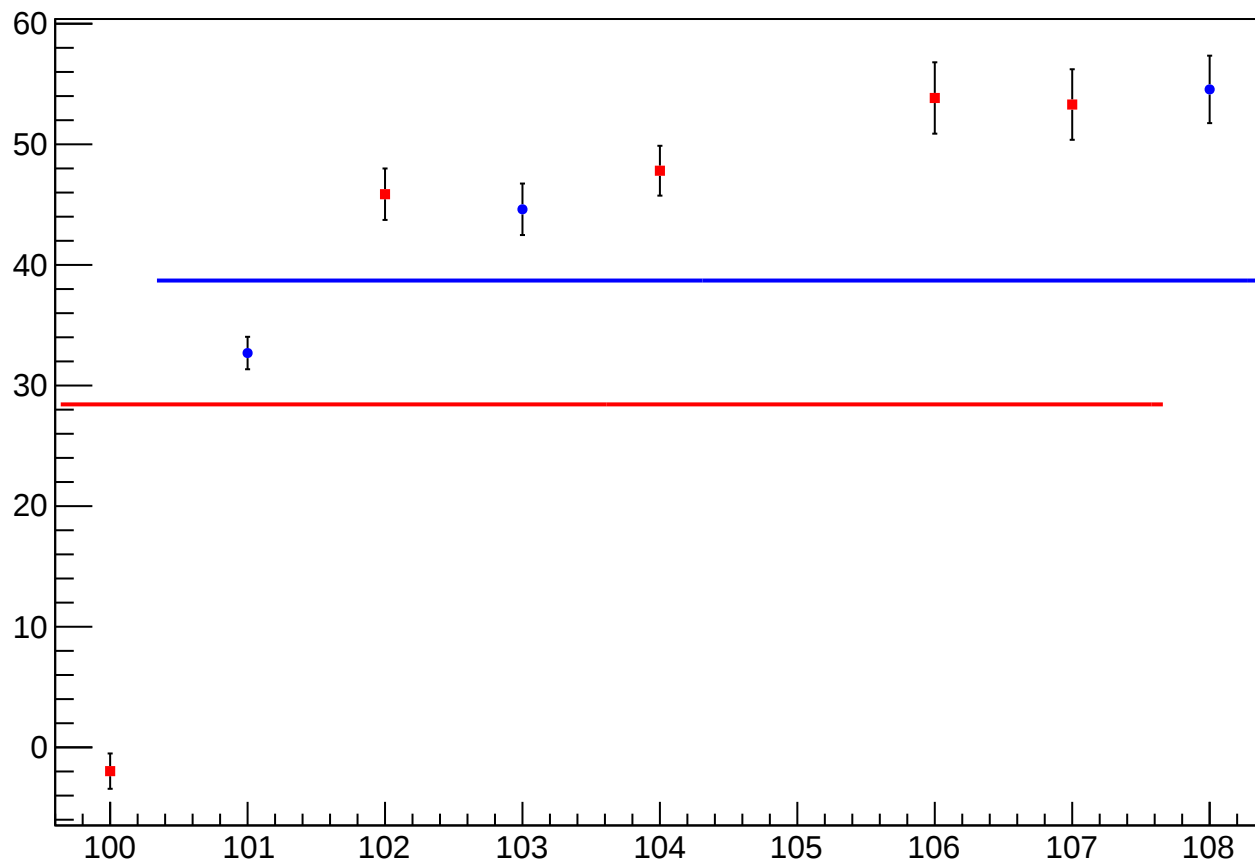
Right: 2.096+/-0.420 χ^2/NDF : 65.5/7

In: 1.494+/-0.587 χ^2/NDF : 38.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.096+/-0.420 χ^2/NDF : 65.5/7

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 38.706+/-1.054 χ^2 /NDF: 59.7/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 28.436+/-0.932 χ^2 /NDF: 731.7/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

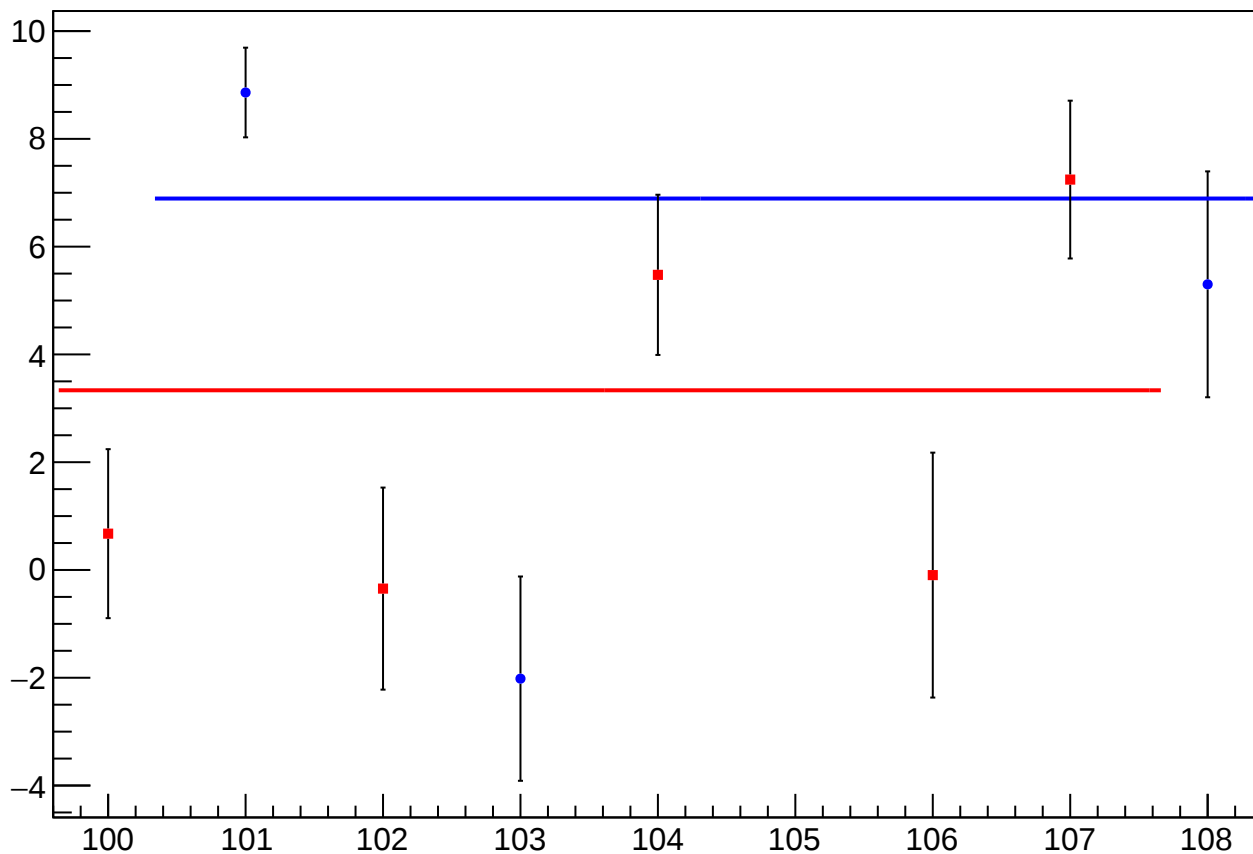
Right: 32.942+/-0.698 χ^2 /NDF: 844.8/7

In: 38.706+/-1.054 χ^2 /NDF:59.7/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 32.942+/-0.698 χ^2 /NDF: 844.8/7

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.893+/-0.716 χ^2/NDF : 28.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.334+/-0.745 χ^2/NDF : 18.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

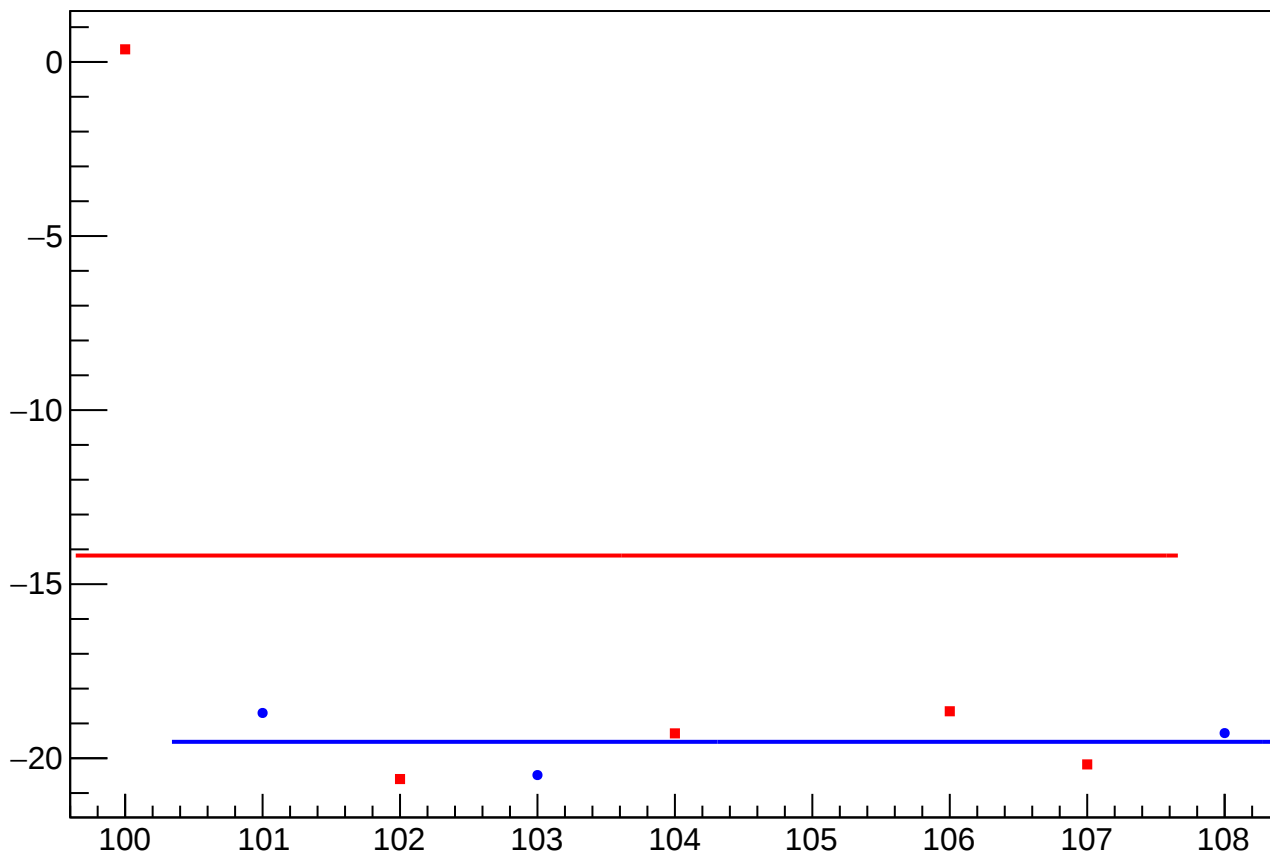
Right: 5.183+/-0.516 χ^2/NDF : 58.3/7

In: 6.893+/-0.716 χ^2/NDF : 28.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.183+/-0.516 χ^2/NDF : 58.3/7

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.529+/-0.030 χ^2/NDF : 707.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.178+/-0.025 χ^2/NDF : 130606.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

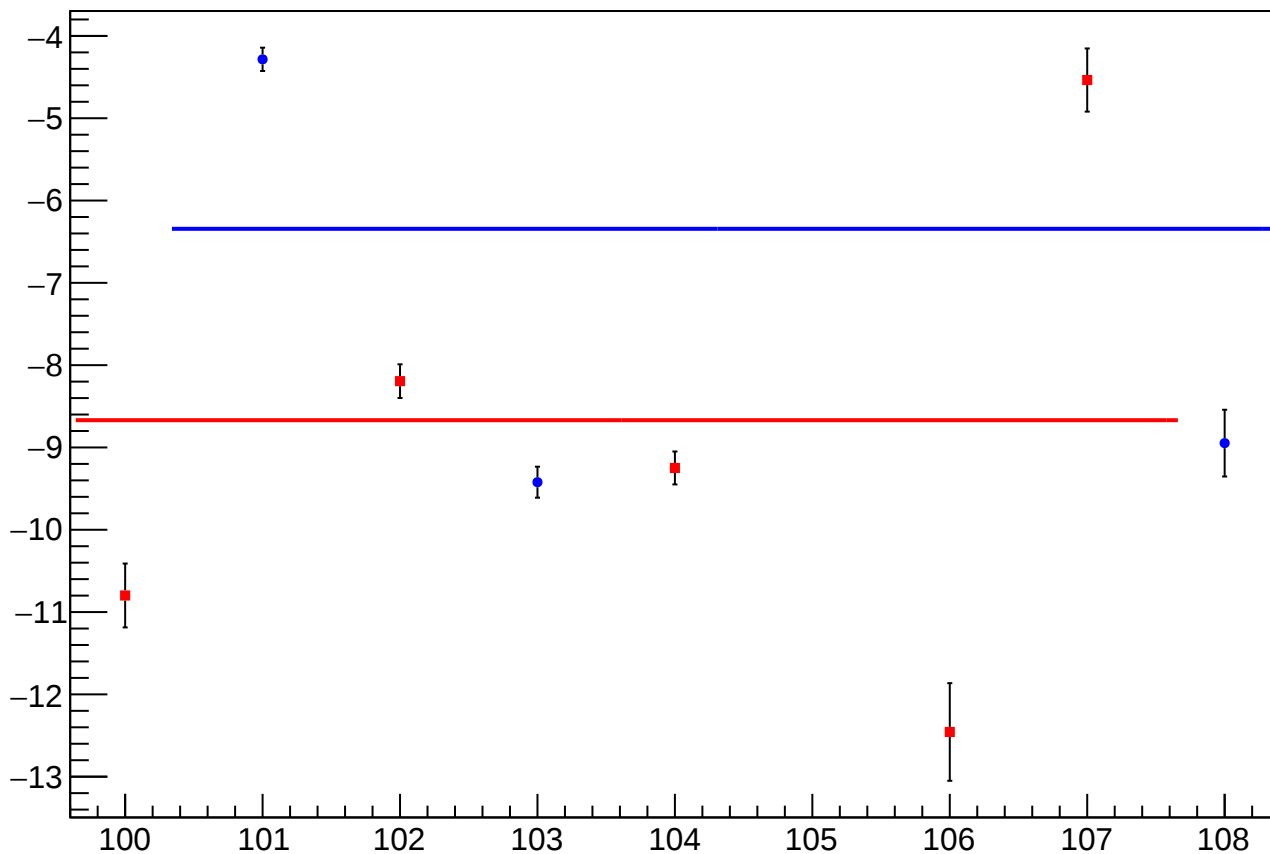
Right: -16.382+/-0.019 χ^2/NDF : 150007.2/7

In: -19.529+/-0.030 χ^2/NDF : 707.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.382+/-0.019 χ^2/NDF : 150007.2/7

reg_asym_sam_15_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -6.343+/-0.109 χ^2/NDF : 519.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.669+/-0.124 χ^2/NDF : 200.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

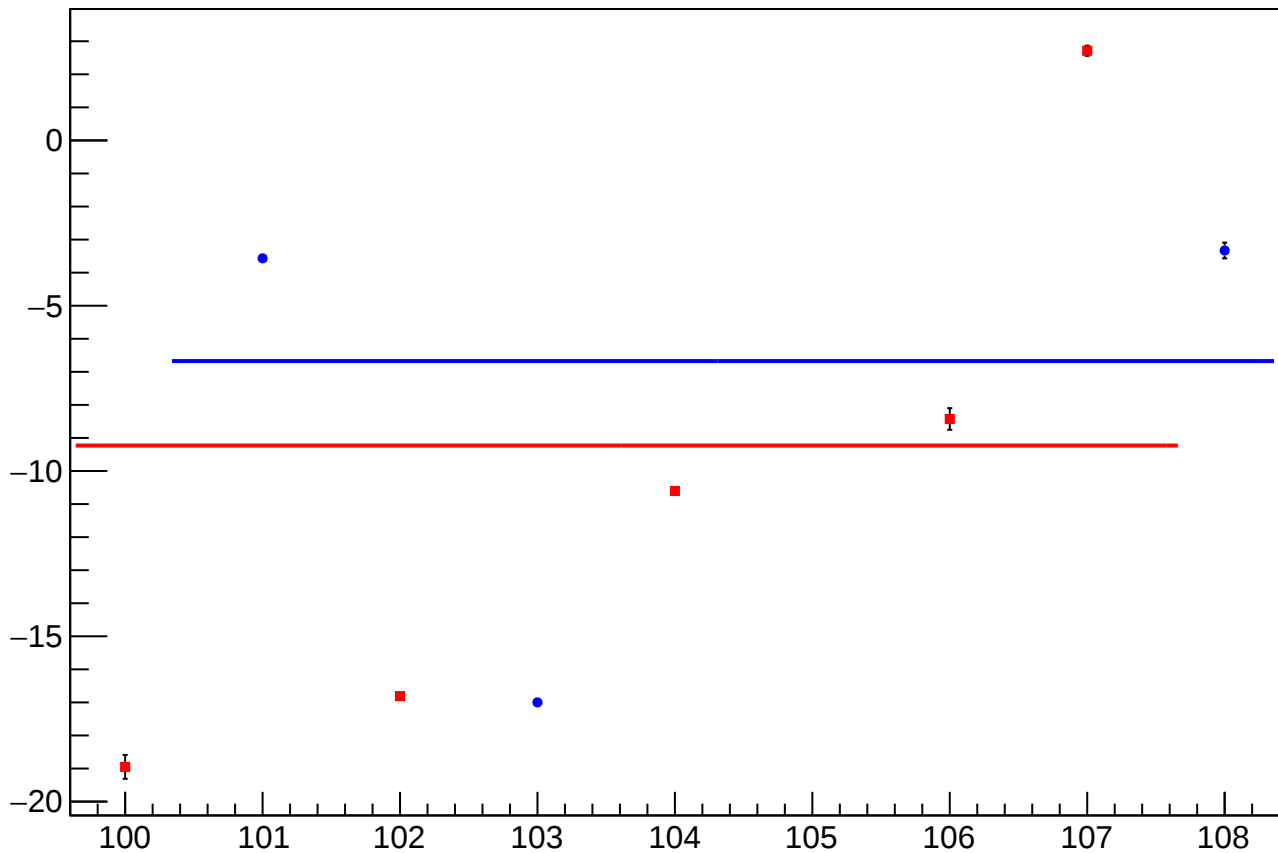
Right: -7.358+/-0.082 χ^2/NDF : 919.2/7

In: -6.343+/-0.109 χ^2/NDF : 519.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.358+/-0.082 χ^2/NDF : 919.2/7

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.674+/-0.065 χ^2/NDF : 7627.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.229+/-0.076 χ^2/NDF : 9575.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

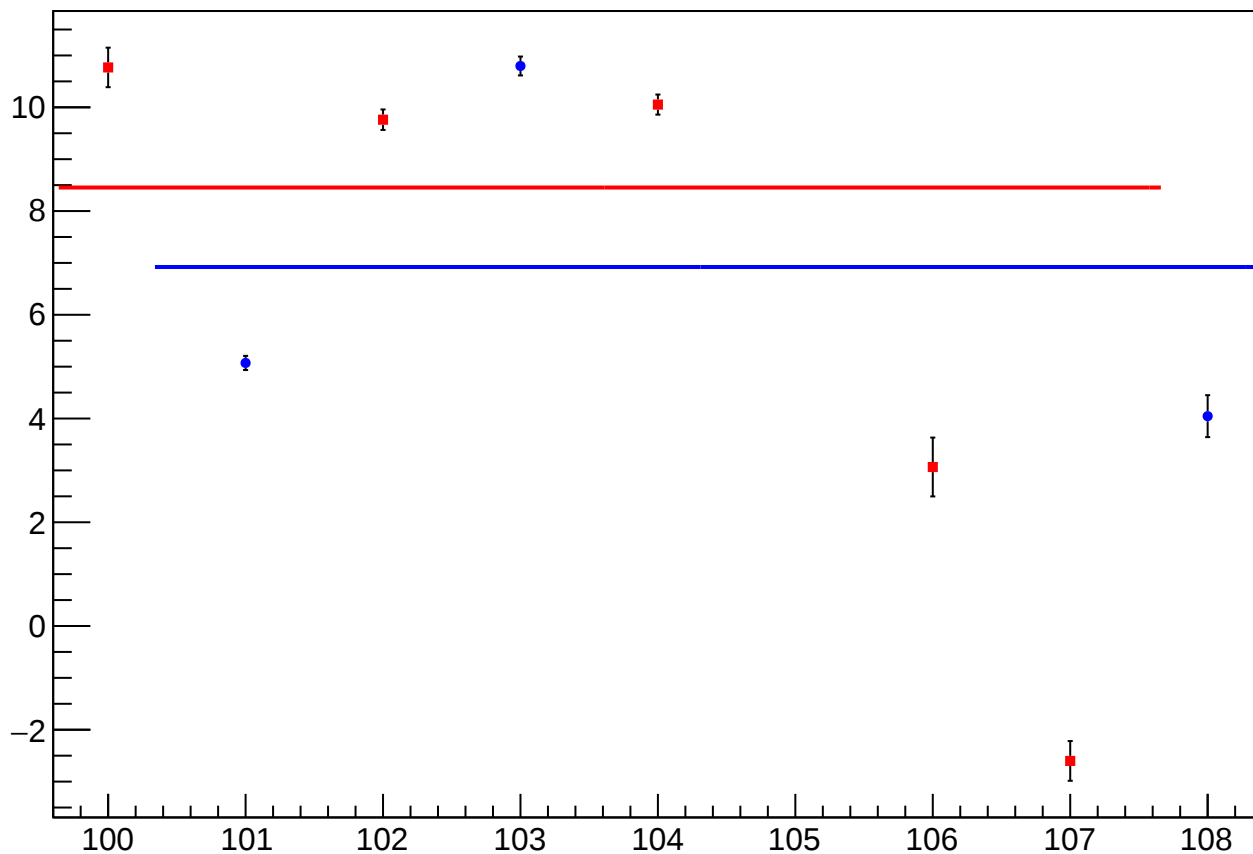
Right: -7.754+/-0.049 χ^2/NDF : 17854.2/7

In: -6.674+/-0.065 χ^2/NDF : 7627.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.754+/-0.049 χ^2/NDF : 17854.2/7

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.921+/-0.105 χ^2/NDF : 687.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.454+/-0.120 χ^2/NDF : 1071.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

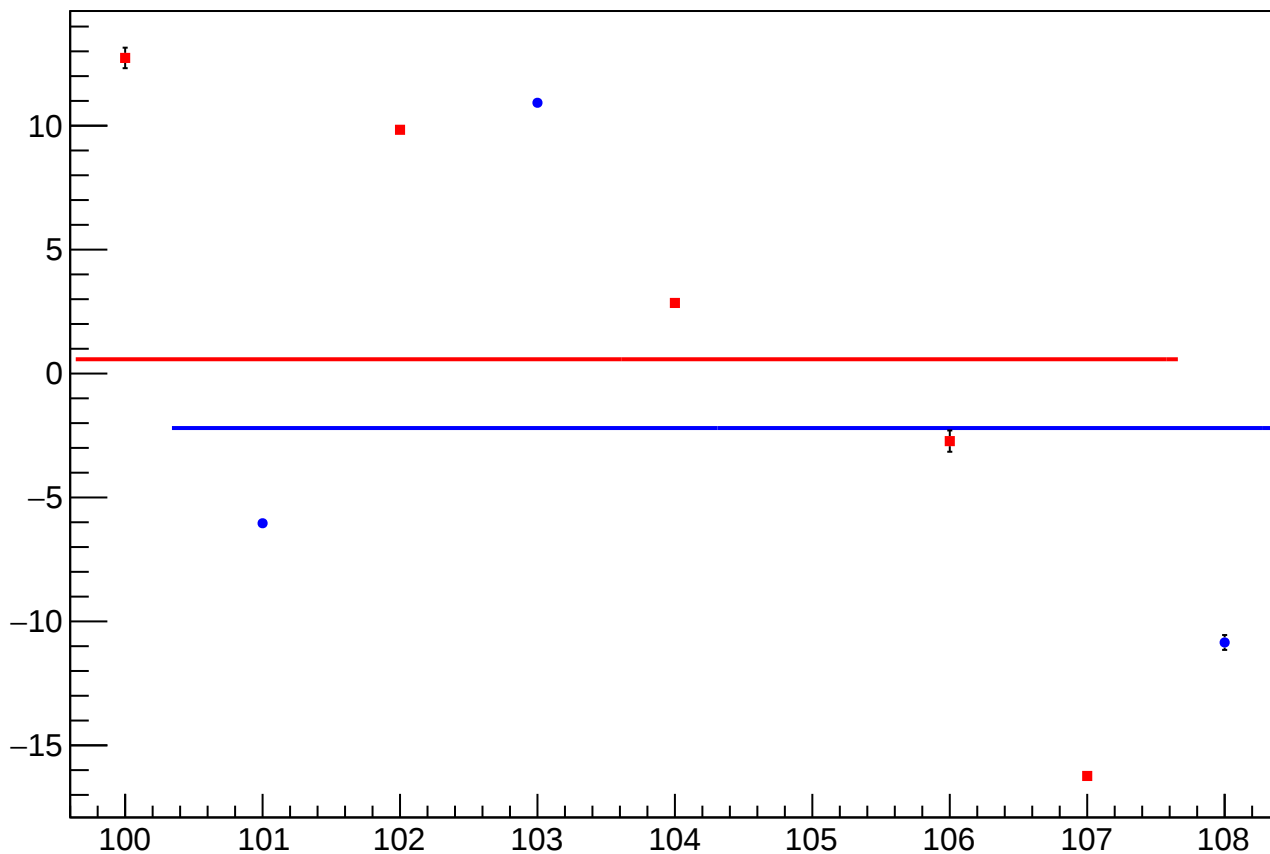
Right: 7.587+/-0.079 χ^2/NDF : 1850.8/7

In: 6.921+/-0.105 χ^2/NDF : 687.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.587+/-0.079 χ^2/NDF : 1850.8/7

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.199+/-0.079 χ^2/NDF : 9246.5/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.577+/-0.094 χ^2/NDF : 11287.5/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

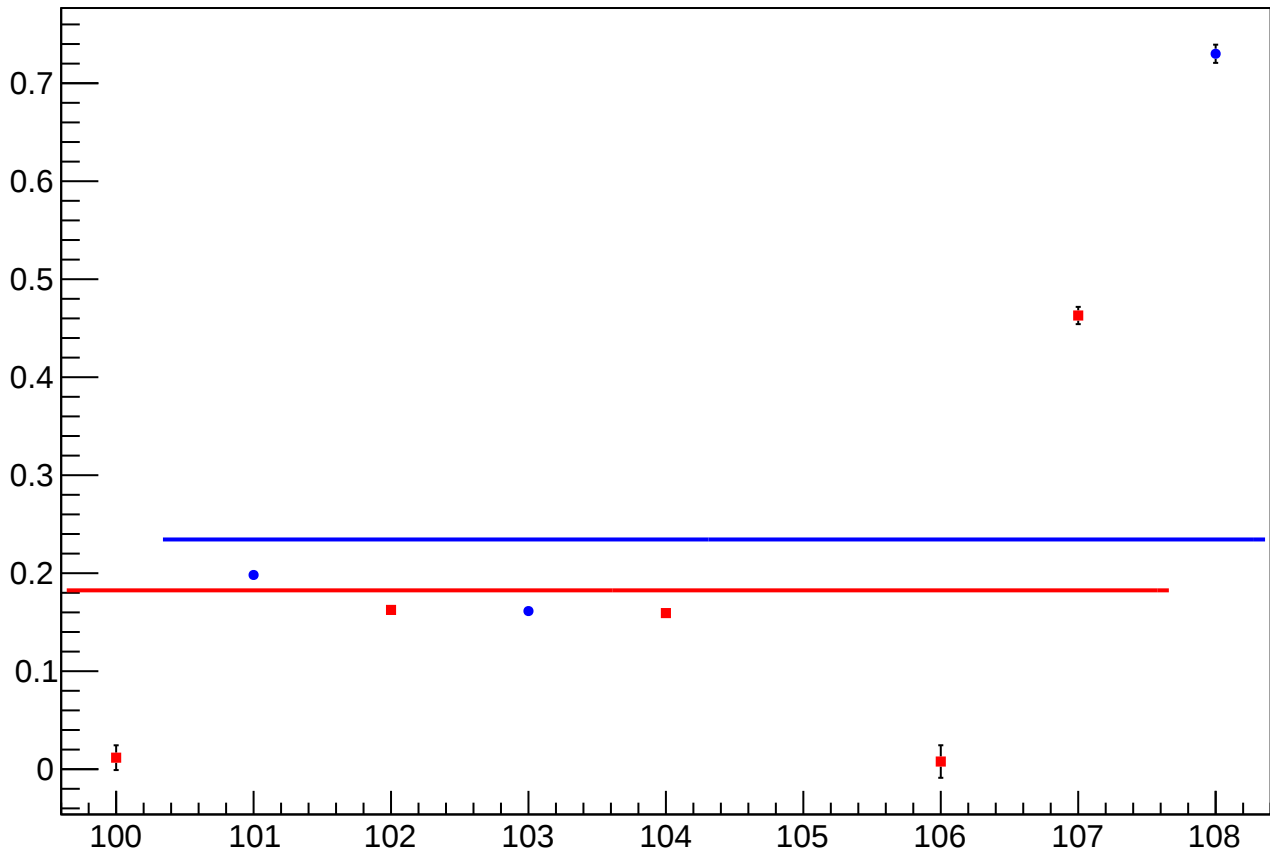
Right: -1.056+/-0.061 χ^2/NDF : 21042.3/7

In: -2.199+/-0.079 χ^2/NDF :9246.5/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.056+/-0.061 χ^2/NDF : 21042.3/7

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.234+/-0.003 χ^2/NDF : 3218.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.182+/-0.003 χ^2/NDF : 1349.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

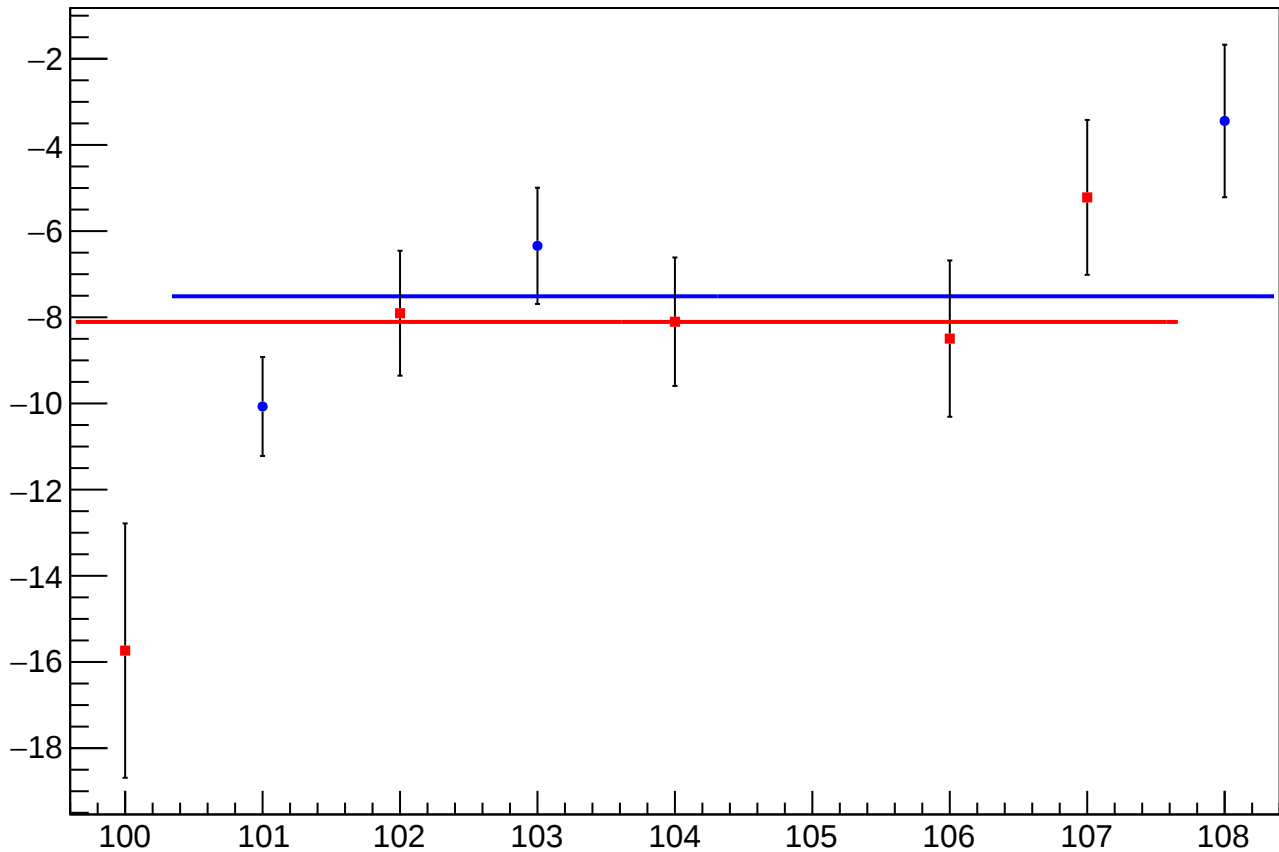
Right: 0.208+/-0.002 χ^2/NDF : 4717.4/7

In: 0.234+/-0.003 χ^2/NDF : 3218.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.208+/-0.002 χ^2/NDF : 4717.4/7

reg_asym_sam_15_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -7.513+/-0.784 χ^2/NDF : 11.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.108+/-0.777 χ^2/NDF : 9.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

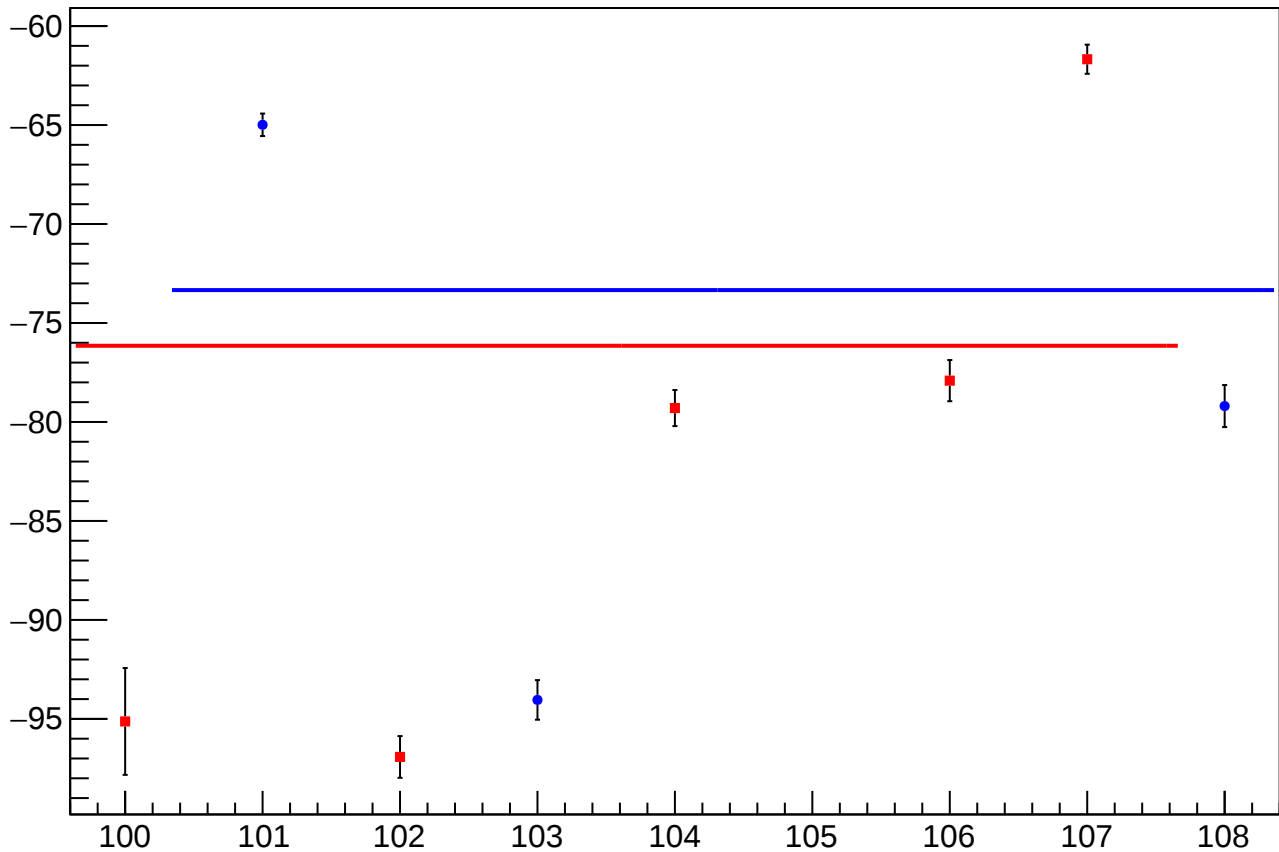
Right: -7.813+/-0.552 χ^2/NDF : 20.6/7

In: -7.513+/-0.784 χ^2/NDF : 11.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.813+/-0.552 χ^2/NDF : 20.6/7

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -73.338 $\pm$ 0.448 χ^2 /NDF: 675.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -76.150 $\pm$ 0.447 χ^2 /NDF: 839.6/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

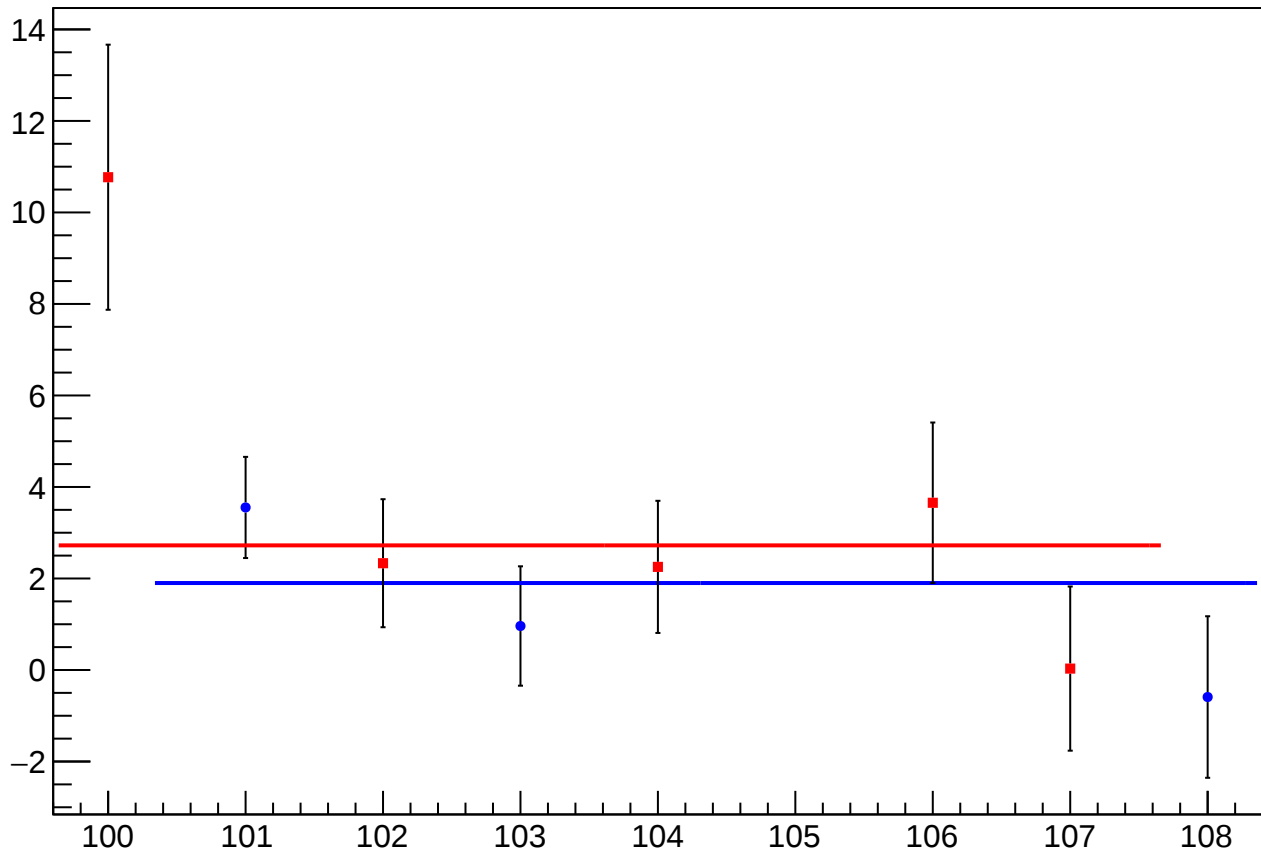
Right: -74.747 $\pm$ 0.316 χ^2 /NDF: 1534.7/7

In: -73.338 $\pm$ 0.448 χ^2 /NDF: 675.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -74.747 $\pm$ 0.316 χ^2 /NDF: 1534.7/7

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.901 $\pm$ 0.761 χ^2 /NDF: 4.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.724 $\pm$ 0.757 χ^2 /NDF: 10.4/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

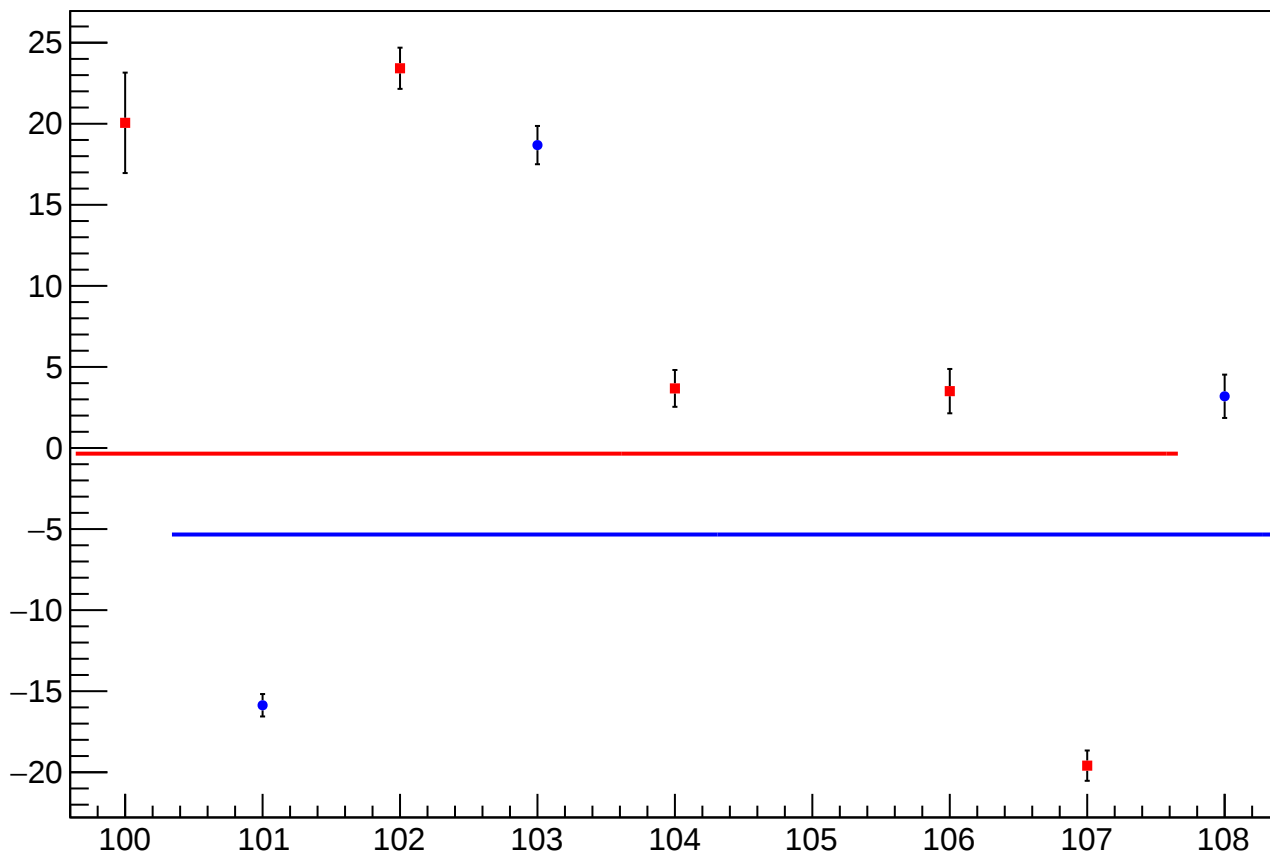
Right: 2.314 $\pm$ 0.537 χ^2 /NDF: 15.8/7

In: 1.901 $\pm$ 0.761 χ^2 /NDF: 4.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.314 $\pm$ 0.537 χ^2 /NDF: 15.8/7

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.336+/-0.545 χ^2/NDF : 686.2/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.348+/-0.561 χ^2/NDF : 837.9/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

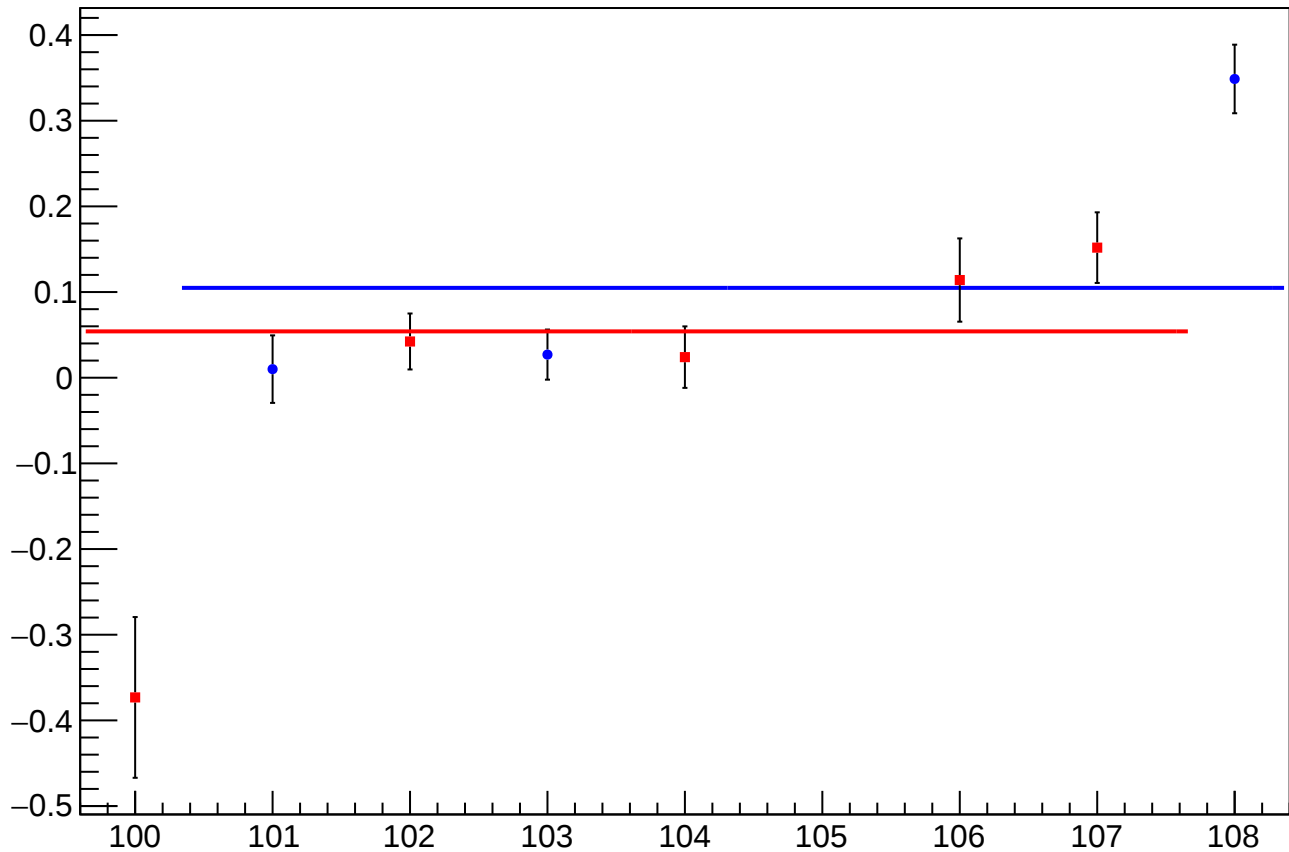
Right: -2.913+/-0.391 χ^2/NDF : 1564.8/7

In: -5.336+/-0.545 χ^2/NDF :686.2/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.913+/-0.391 χ^2/NDF : 1564.8/7

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105+/-0.020 χ^2/NDF : 50.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.054+/-0.019 χ^2/NDF : 28.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

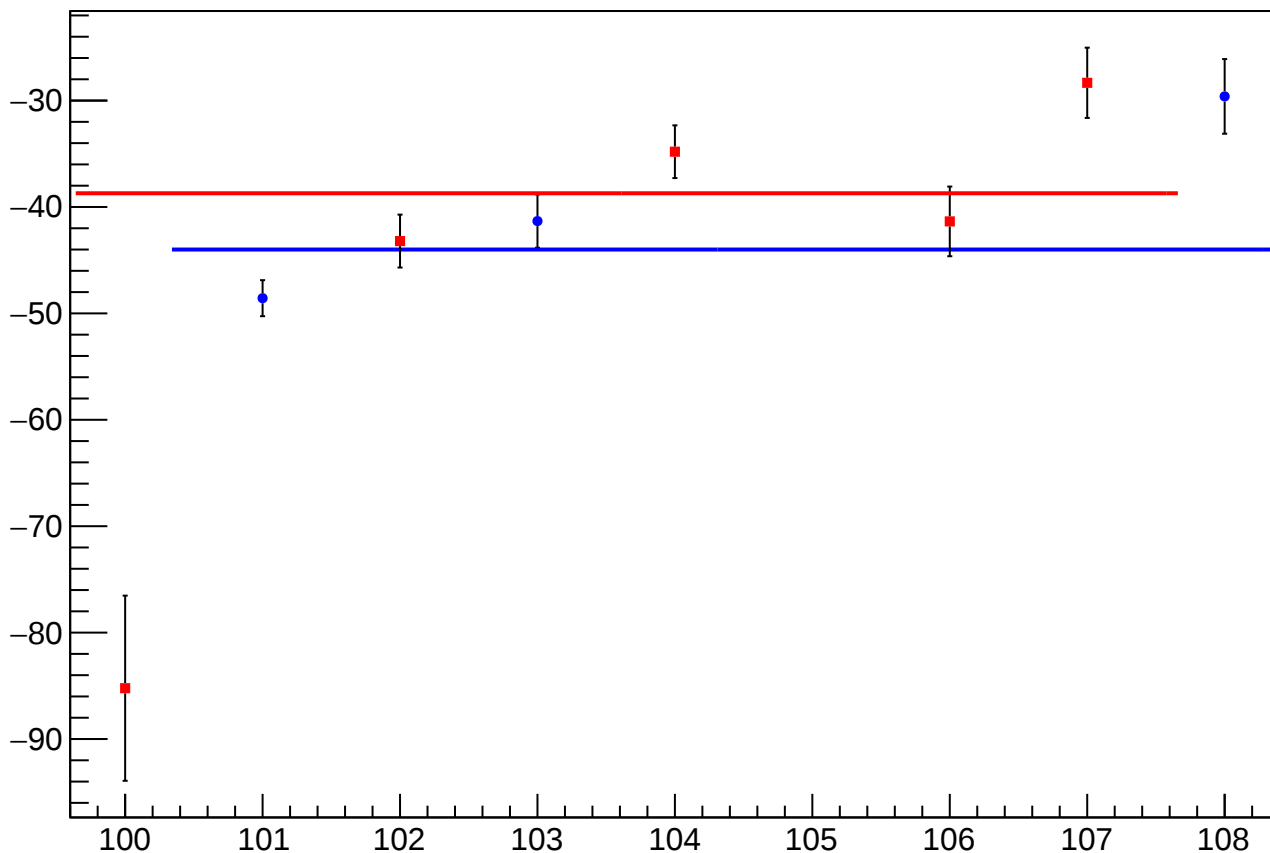
Right: 0.078+/-0.014 χ^2/NDF : 82.1/7

In: 0.105+/-0.020 χ^2/NDF : 50.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.078+/-0.014 χ^2/NDF : 82.1/7

reg_asym_sam_37_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -44.000 $\pm$ 1.303 χ^2 /NDF: 25.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -38.712 $\pm$ 1.383 χ^2 /NDF: 44.9/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

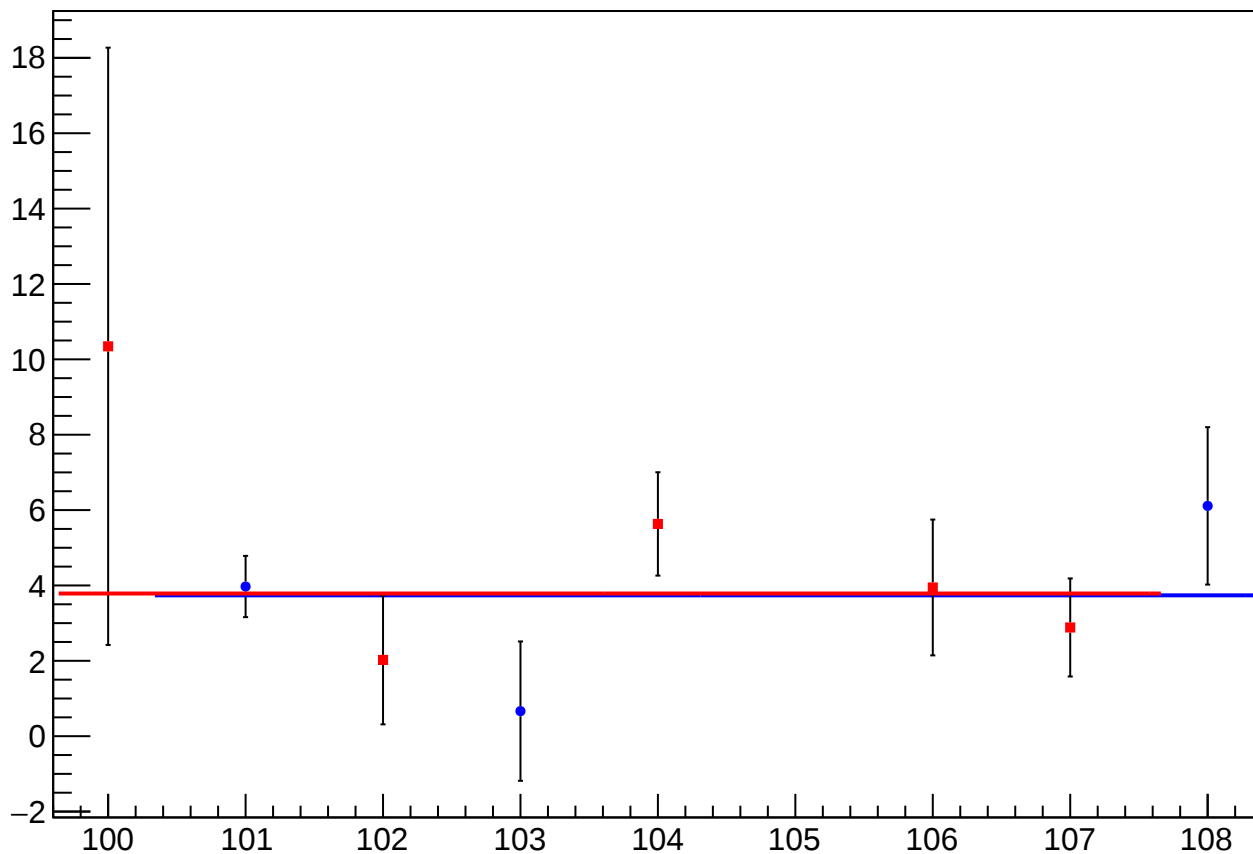
Right: -41.513 $\pm$ 0.948 χ^2 /NDF: 77.9/7

In: -44.000 $\pm$ 1.303 χ^2 /NDF: 25.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -41.513 $\pm$ 0.948 χ^2 /NDF: 77.9/7

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.737+/-0.701 χ^2/NDF : 4.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.786+/-0.748 χ^2/NDF : 4.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

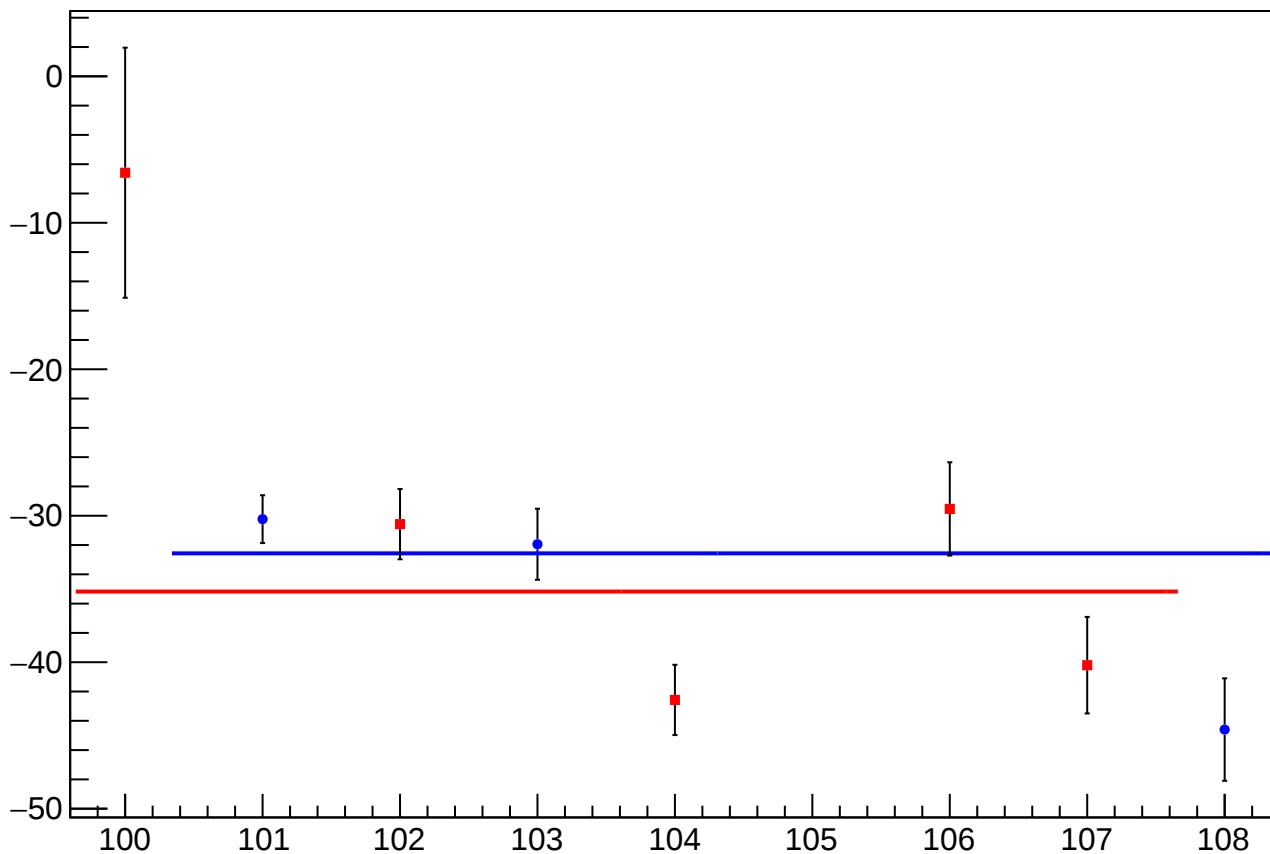
Right: 3.760+/-0.511 χ^2/NDF : 8.2/7

In: 3.737+/-0.701 χ^2/NDF : 4.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.760+/-0.511 χ^2/NDF : 8.2/7

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -32.568 $\pm$ 1.262 χ^2 /NDF: 13.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -35.175 $\pm$ 1.346 χ^2 /NDF: 29.9/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

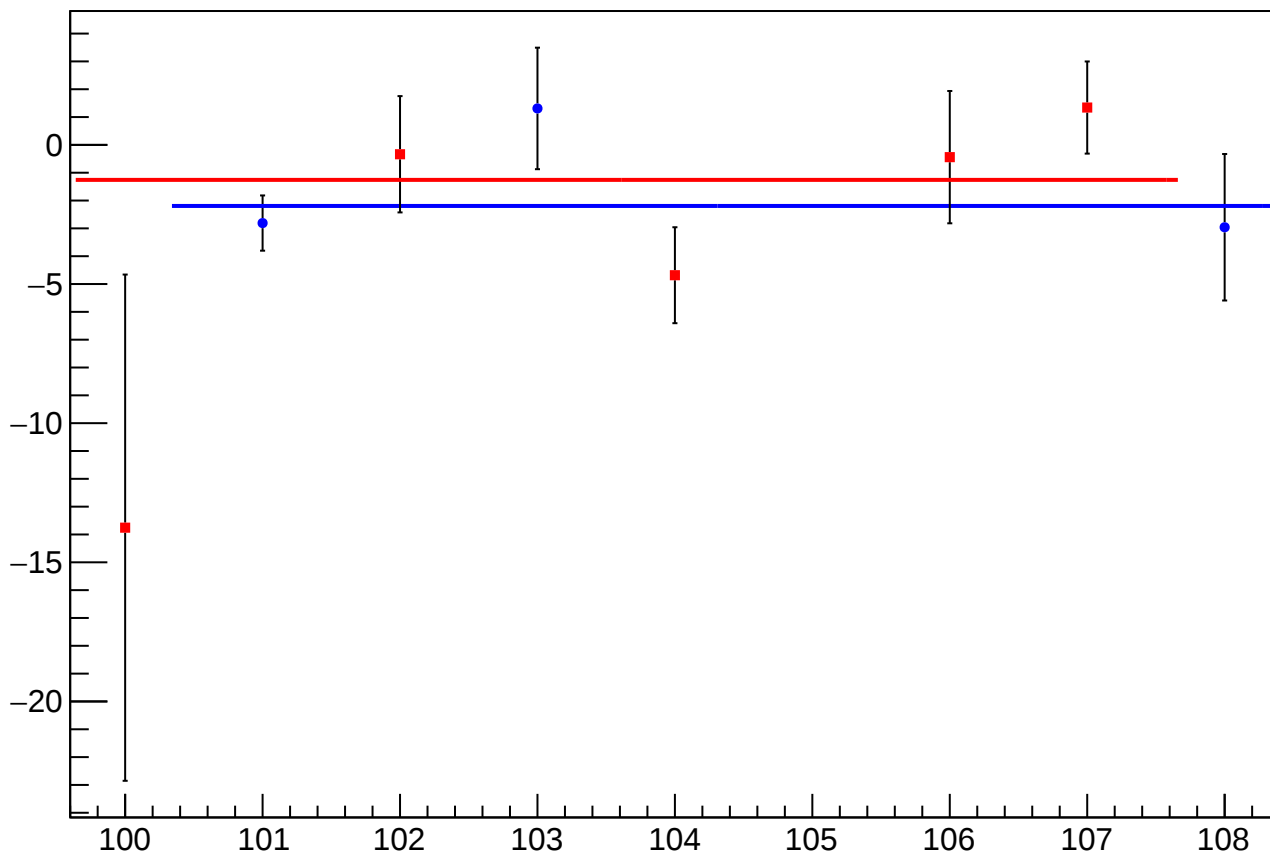
Right: -33.788 $\pm$ 0.921 χ^2 /NDF: 45.8/7

In: -32.568 $\pm$ 1.262 χ^2 /NDF:13.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -33.788 $\pm$ 0.921 χ^2 /NDF: 45.8/7

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.194 $\pm$ 0.855 χ^2 /NDF: 3.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.257 $\pm$ 0.945 χ^2 /NDF: 8.6/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

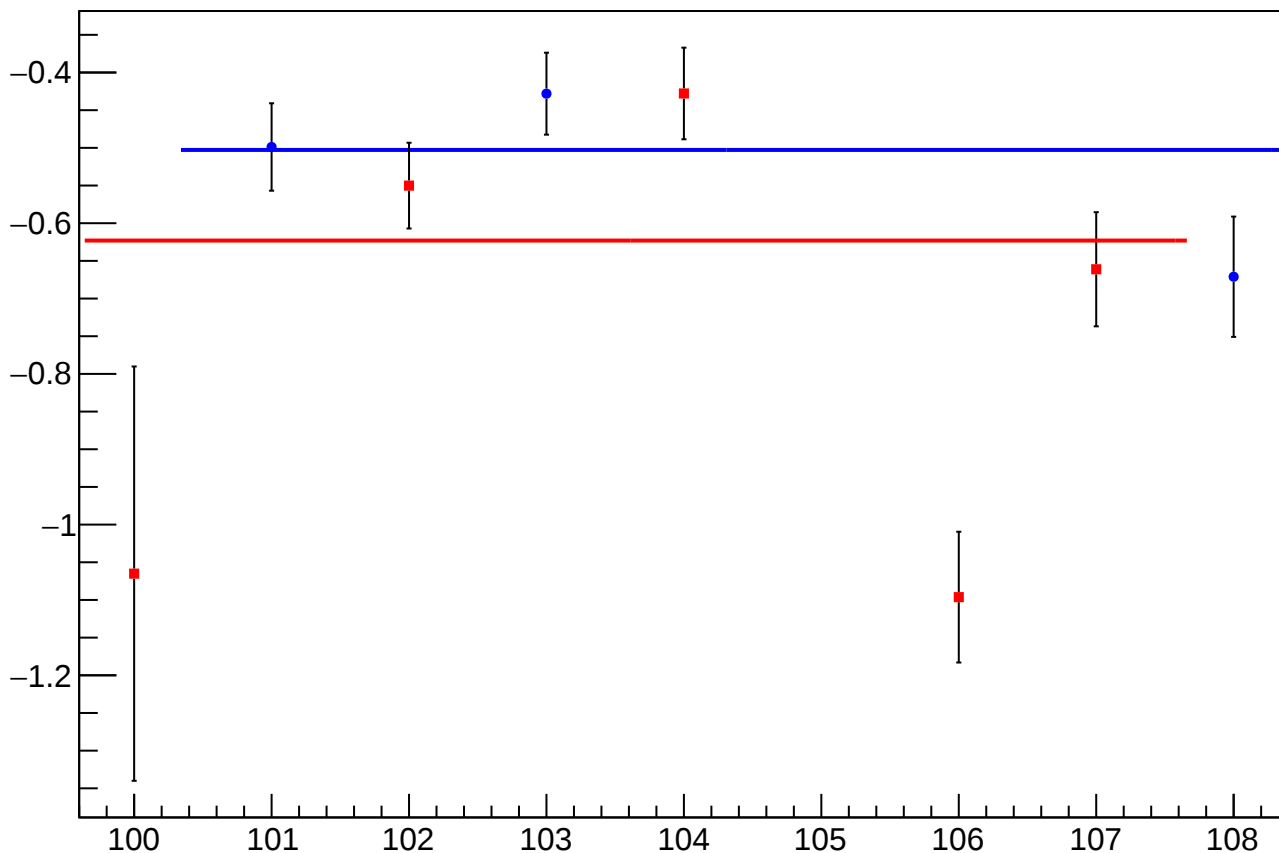
Right: -1.773 $\pm$ 0.634 χ^2 /NDF: 12.2/7

In: -2.194 $\pm$ 0.855 χ^2 /NDF:3.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.773 $\pm$ 0.634 χ^2 /NDF: 12.2/7

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.503+/-0.036 χ^2/NDF : 6.3/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.623+/-0.033 χ^2/NDF : 44.5/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

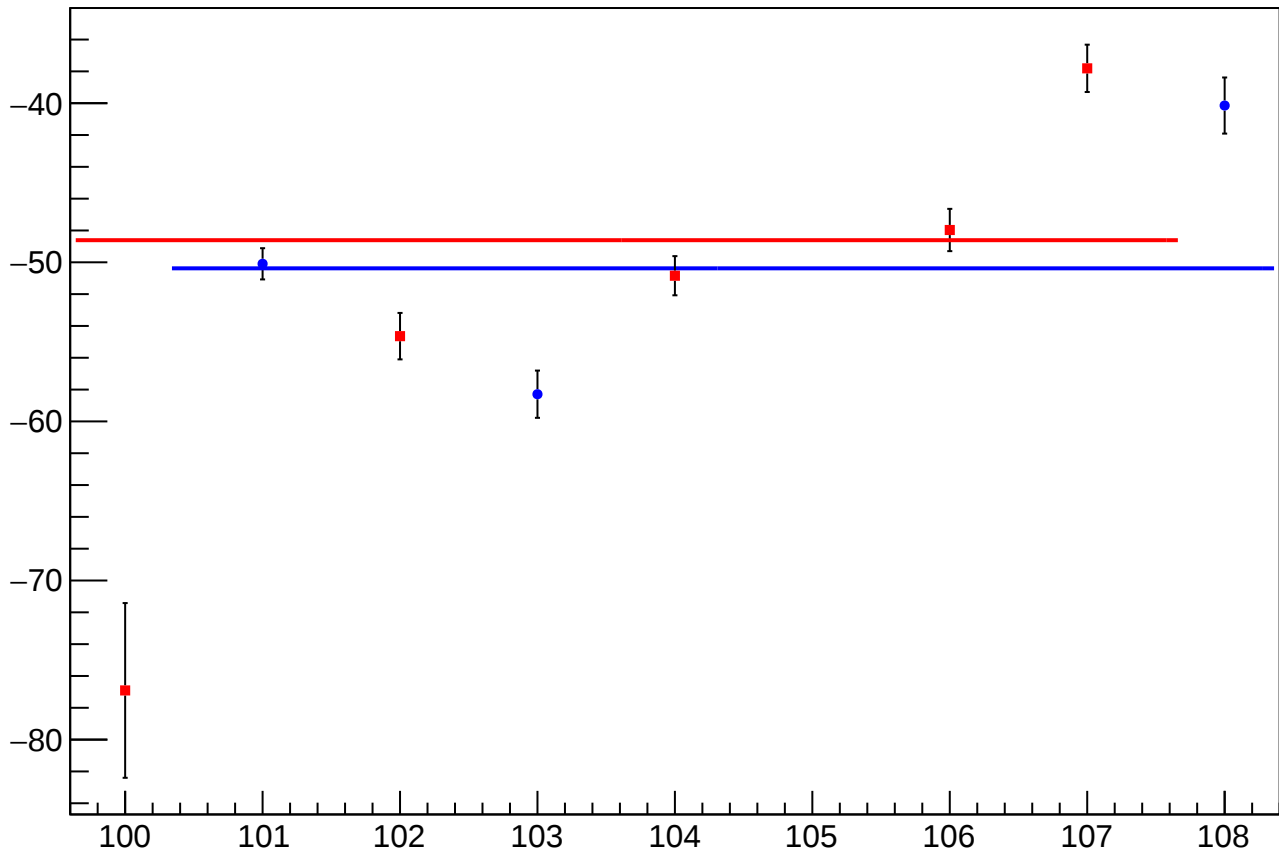
Right: -0.567+/-0.024 χ^2/NDF : 57.0/7

In: -0.503+/-0.036 χ^2/NDF :6.3/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.567+/-0.024 χ^2/NDF : 57.0/7

reg_asym_sam_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -50.379+/-0.743 χ^2/NDF : 62.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -48.610+/-0.677 χ^2/NDF : 99.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

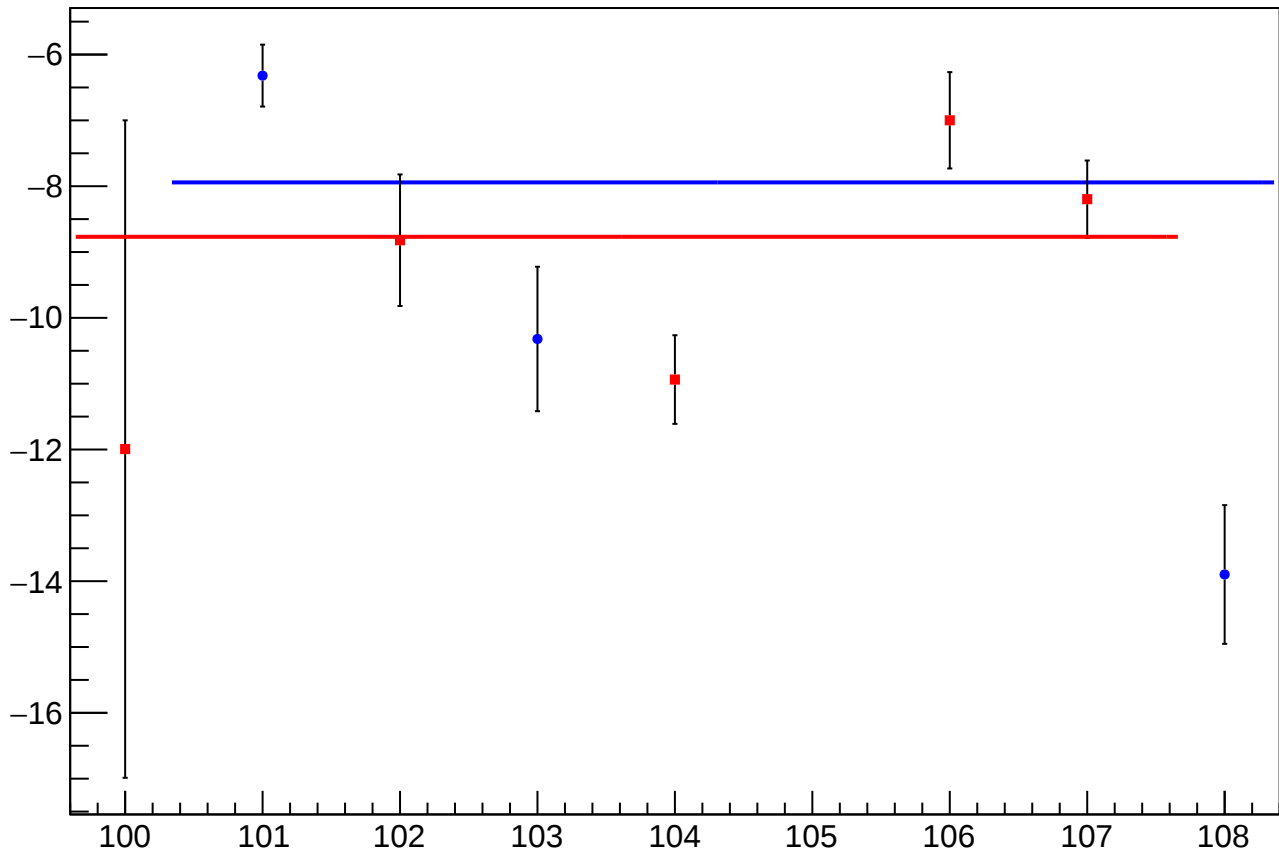
Right: -49.414+/-0.500 χ^2/NDF : 165.1/7

In: -50.379+/-0.743 χ^2/NDF : 62.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.414+/-0.500 χ^2/NDF : 165.1/7

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.942 $\pm$ 0.400 χ^2 /NDF: 48.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -8.769 $\pm$ 0.353 χ^2 /NDF: 17.6/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

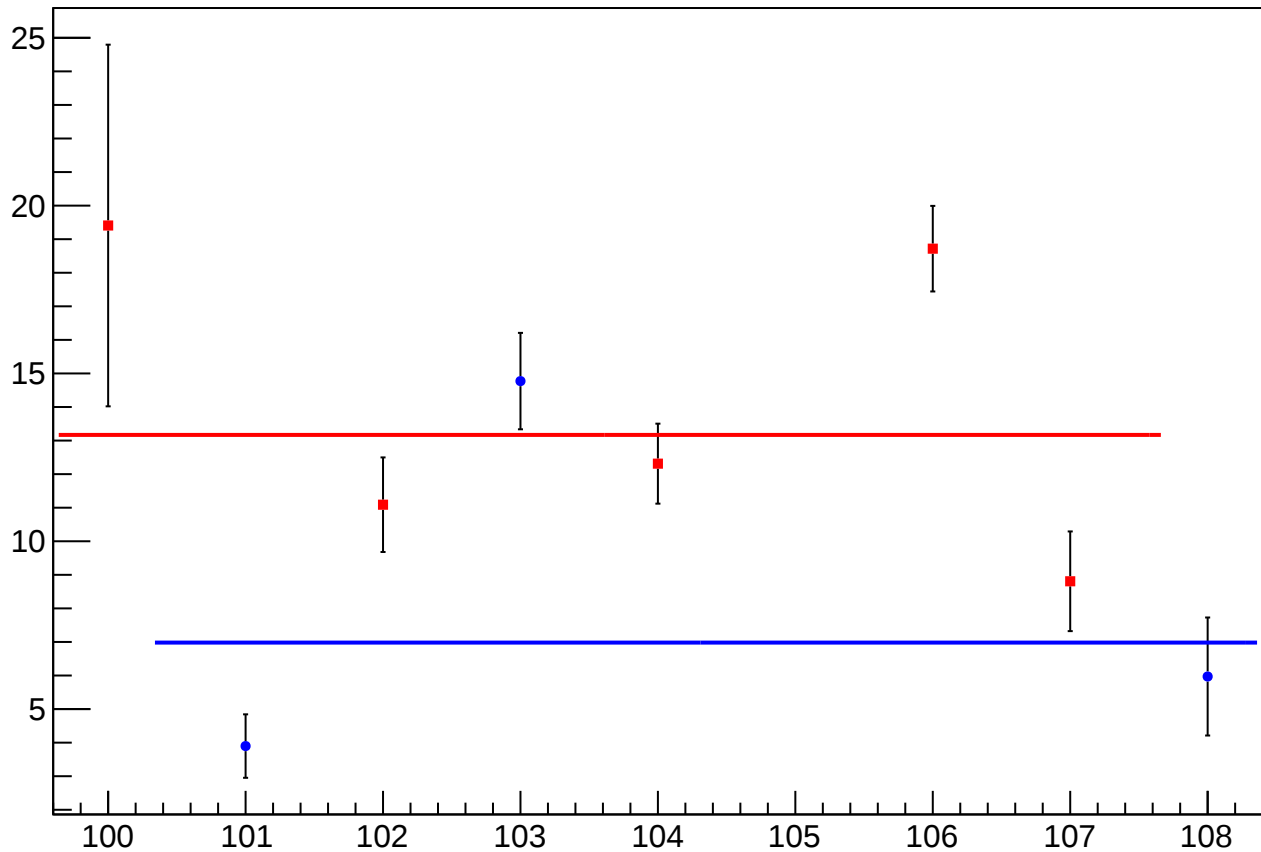
Right: -8.406 $\pm$ 0.265 χ^2 /NDF: 68.6/7

In: -7.942 $\pm$ 0.400 χ^2 /NDF:48.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -8.406 $\pm$ 0.265 χ^2 /NDF: 68.6/7

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.981+/-0.720 χ^2/NDF : 40.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.169+/-0.658 χ^2/NDF : 31.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

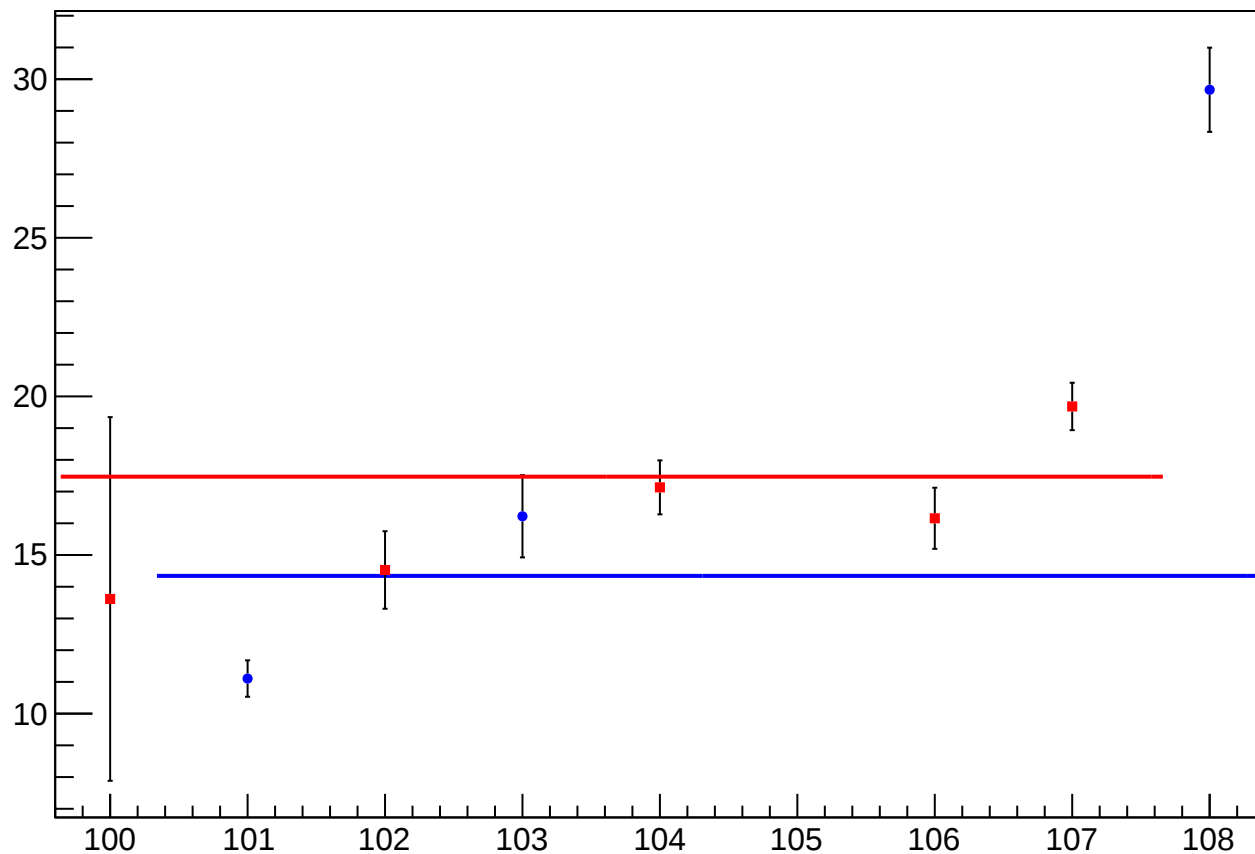
Right: 10.356+/-0.486 χ^2/NDF : 112.2/7

In: 6.981+/-0.720 χ^2/NDF : 40.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.356+/-0.486 χ^2/NDF : 112.2/7

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 14.342+/-0.488 χ^2/NDF : 167.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.470+/-0.449 χ^2/NDF : 17.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

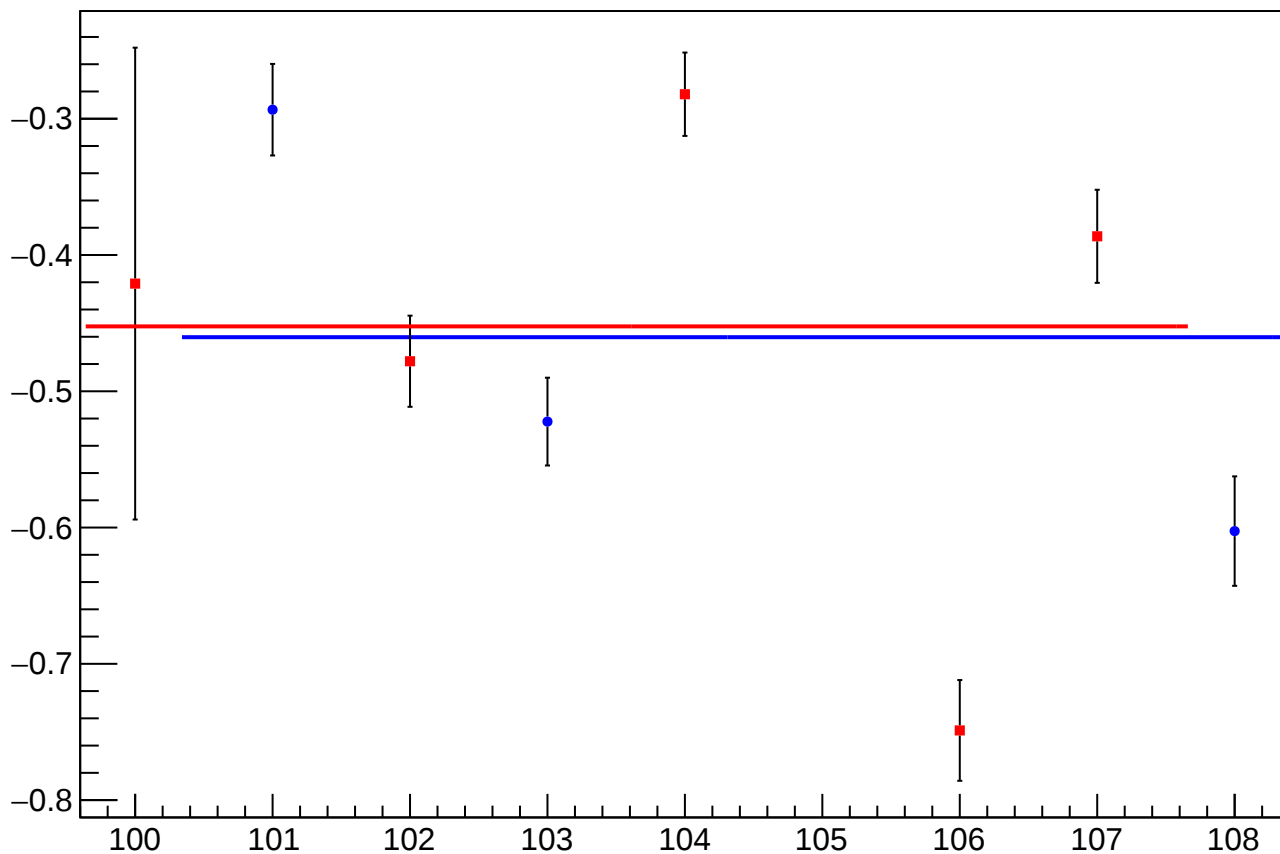
Right: 16.035+/-0.331 χ^2/NDF : 206.4/7

In: 14.342+/-0.488 χ^2/NDF : 167.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.035+/-0.331 χ^2/NDF : 206.4/7

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.460 $\pm$ 0.020 χ^2 /NDF: 40.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.452 $\pm$ 0.017 χ^2 /NDF: 99.7/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

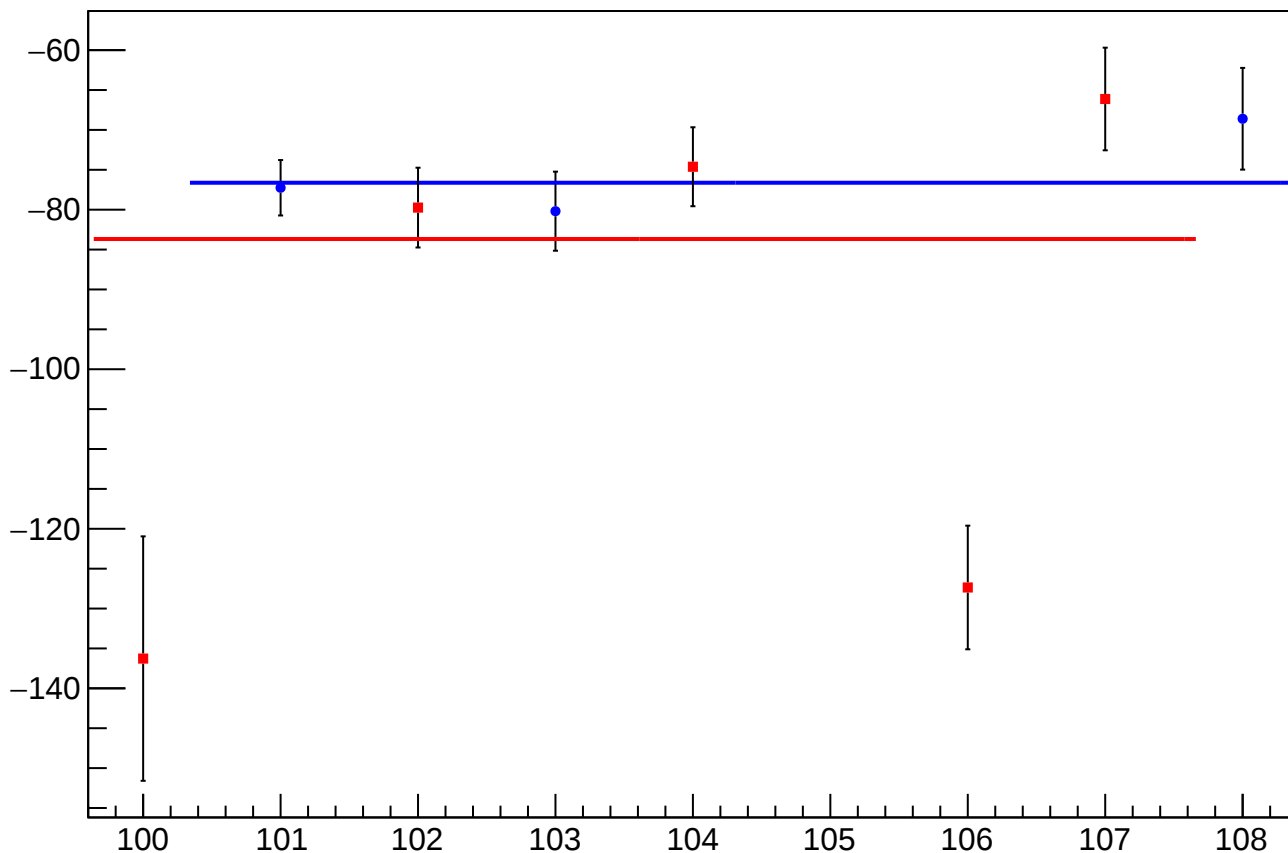
Right: -0.456 $\pm$ 0.013 χ^2 /NDF: 140.8/7

In: -0.460 $\pm$ 0.020 χ^2 /NDF:40.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.456 $\pm$ 0.013 χ^2 /NDF: 140.8/7

reg_asym_sam_26_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -76.622 $\pm$ 2.598 χ^2 /NDF: 2.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -83.677 $\pm$ 2.818 χ^2 /NDF: 55.0/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

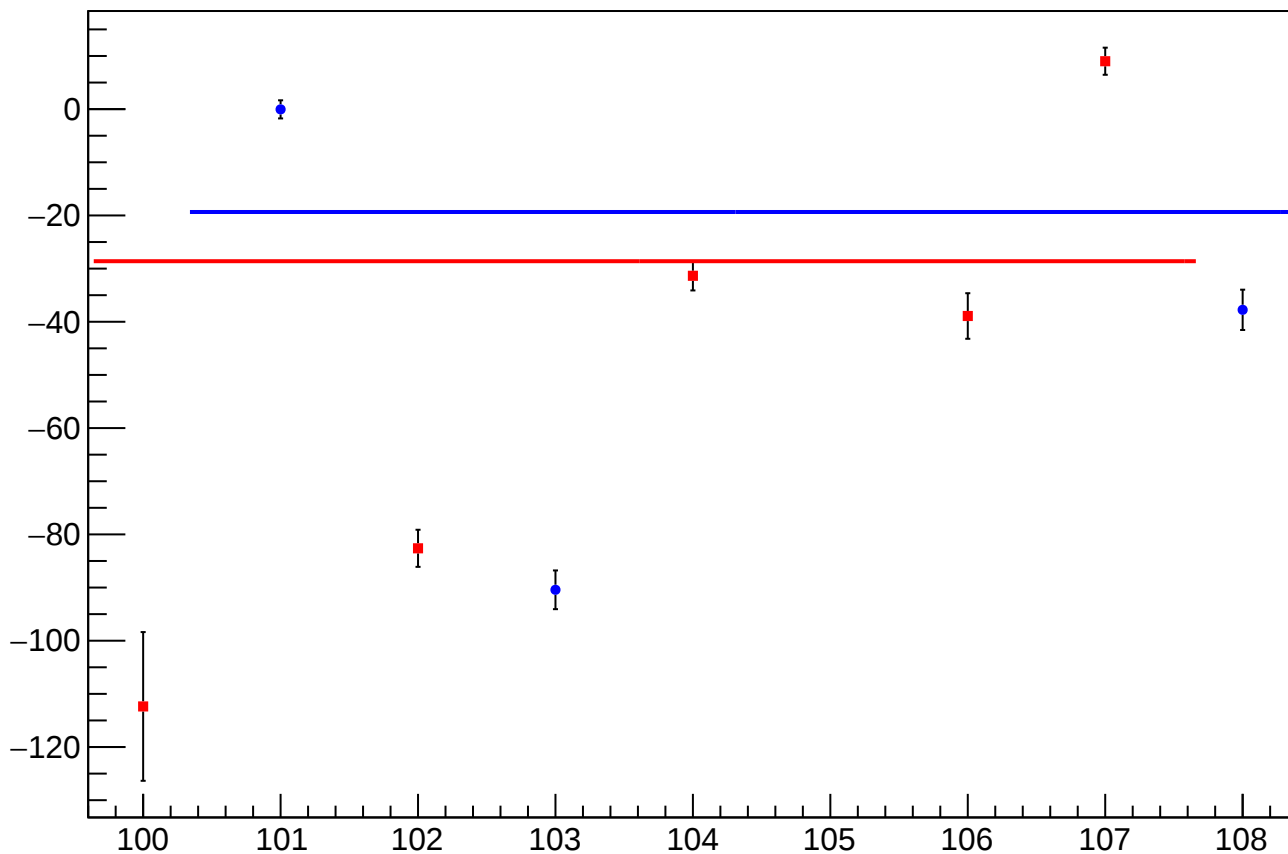
Right: -79.863 $\pm$ 1.910 χ^2 /NDF: 60.5/7

In: -76.622 $\pm$ 2.598 χ^2 /NDF: 2.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -79.863 $\pm$ 1.910 χ^2 /NDF: 60.5/7

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -19.349+/-1.430 χ^2/NDF : 532.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -28.607+/-1.530 χ^2/NDF : 499.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

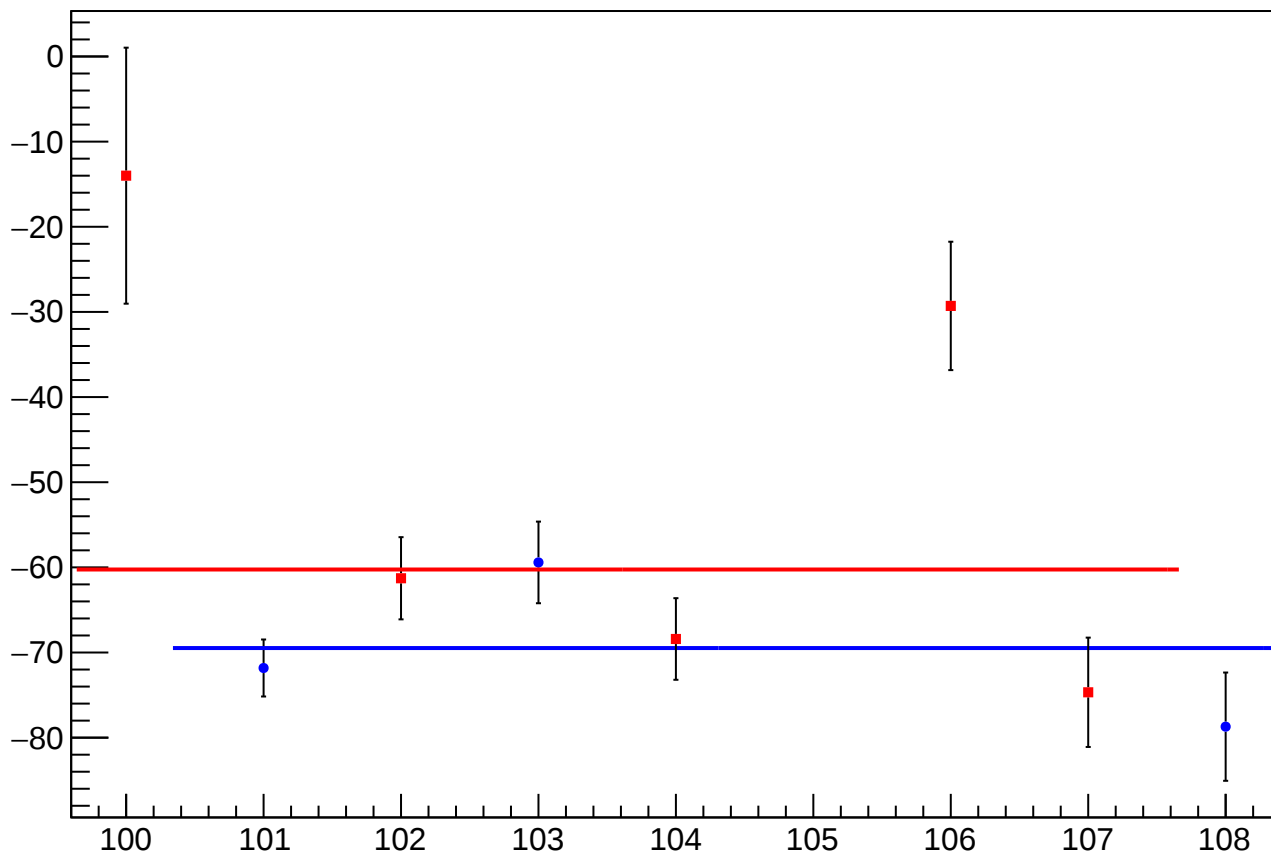
Right: -23.666+/-1.045 χ^2/NDF : 1051.8/7

In: -19.349+/-1.430 χ^2/NDF : 532.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.666+/-1.045 χ^2/NDF : 1051.8/7

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -69.476 $\pm$ 2.520 χ^2 /NDF: 7.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -60.251 $\pm$ 2.745 χ^2 /NDF: 34.3/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

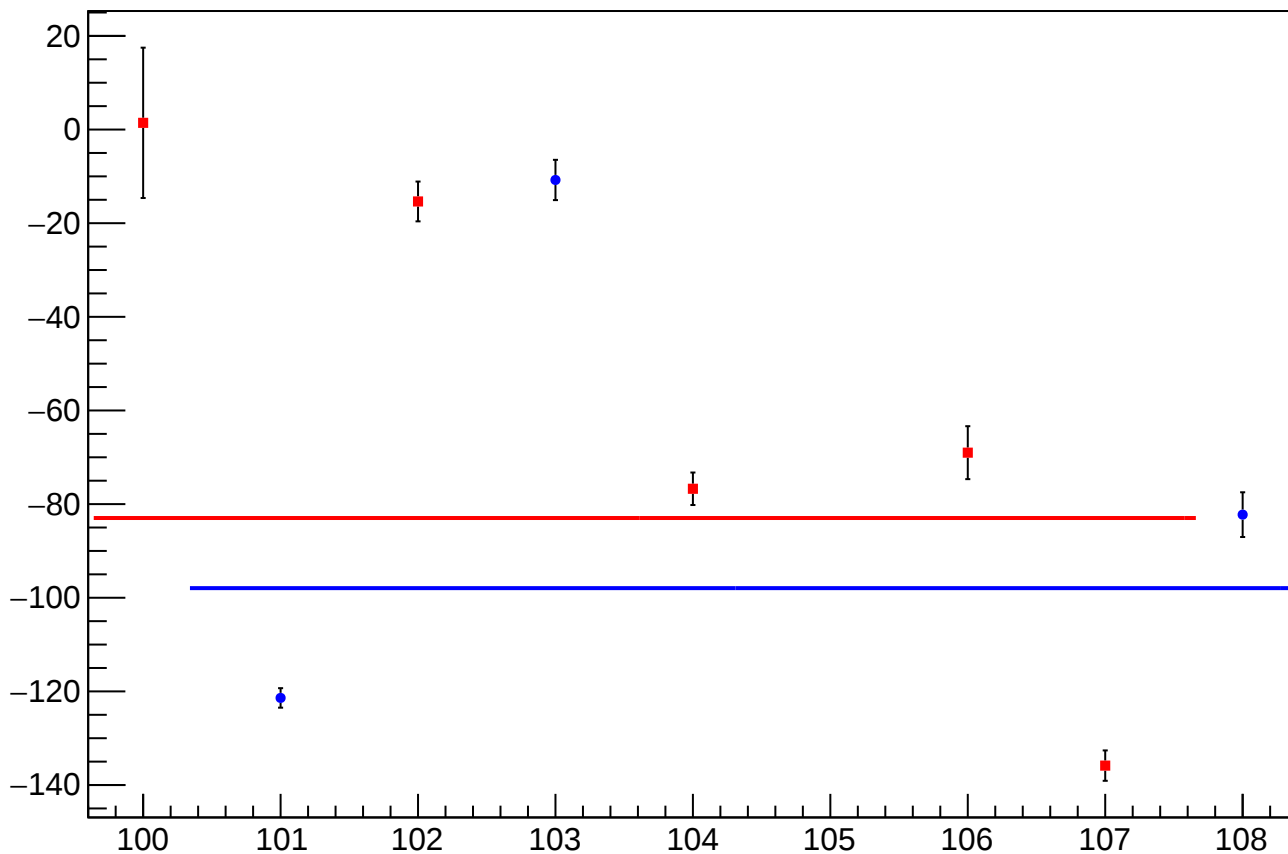
Right: -65.257 $\pm$ 1.856 χ^2 /NDF: 47.4/7

In: -69.476 $\pm$ 2.520 χ^2 /NDF: 7.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -65.257 $\pm$ 1.856 χ^2 /NDF: 47.4/7

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -97.945 $\pm$ 1.746 χ^2 /NDF: 548.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -82.968 $\pm$ 1.929 χ^2 /NDF: 555.8/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

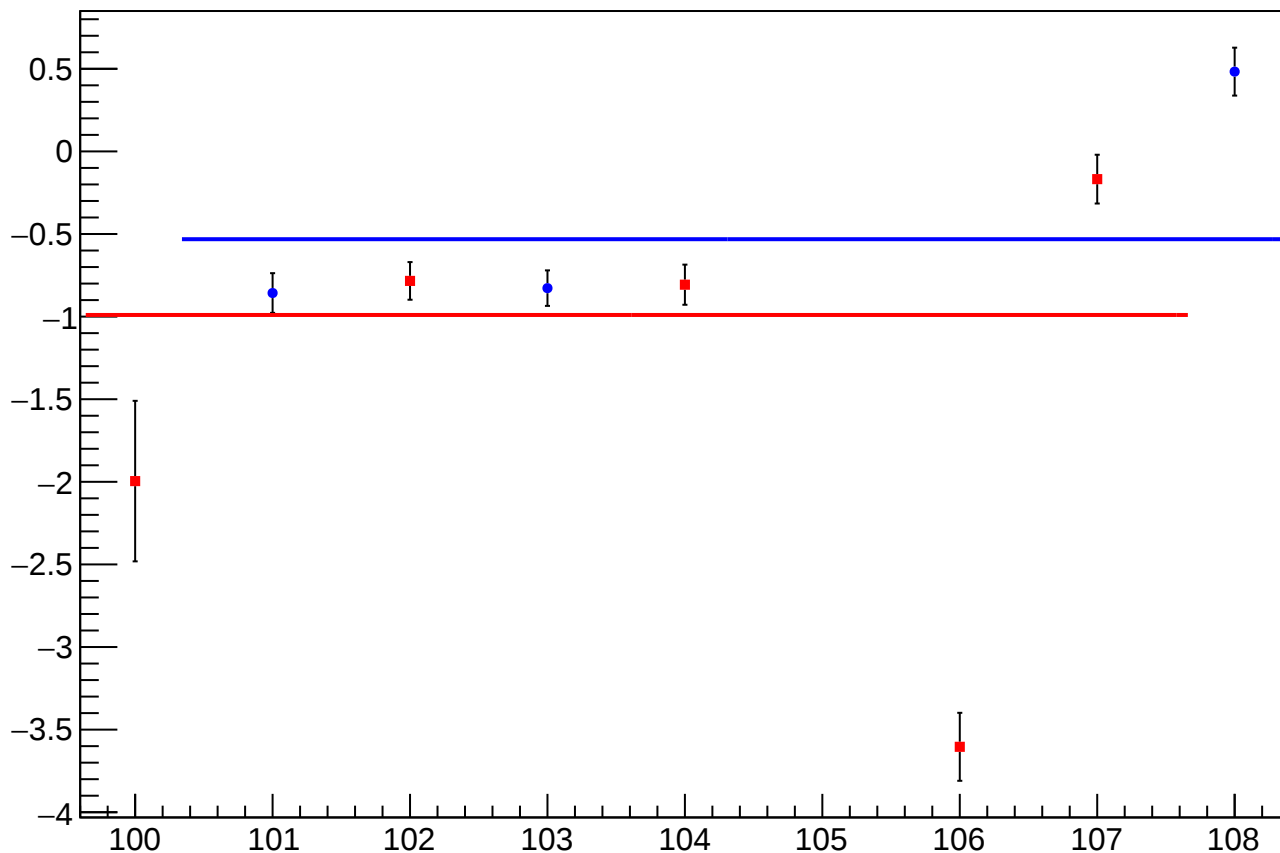
Right: -91.203 $\pm$ 1.295 χ^2 /NDF: 1137.1/7

In: -97.945 $\pm$ 1.746 χ^2 /NDF:548.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -91.203 $\pm$ 1.295 χ^2 /NDF: 1137.1/7

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.531 ± 0.070 χ^2/NDF : 63.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.990 ± 0.068 χ^2/NDF : 202.3/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

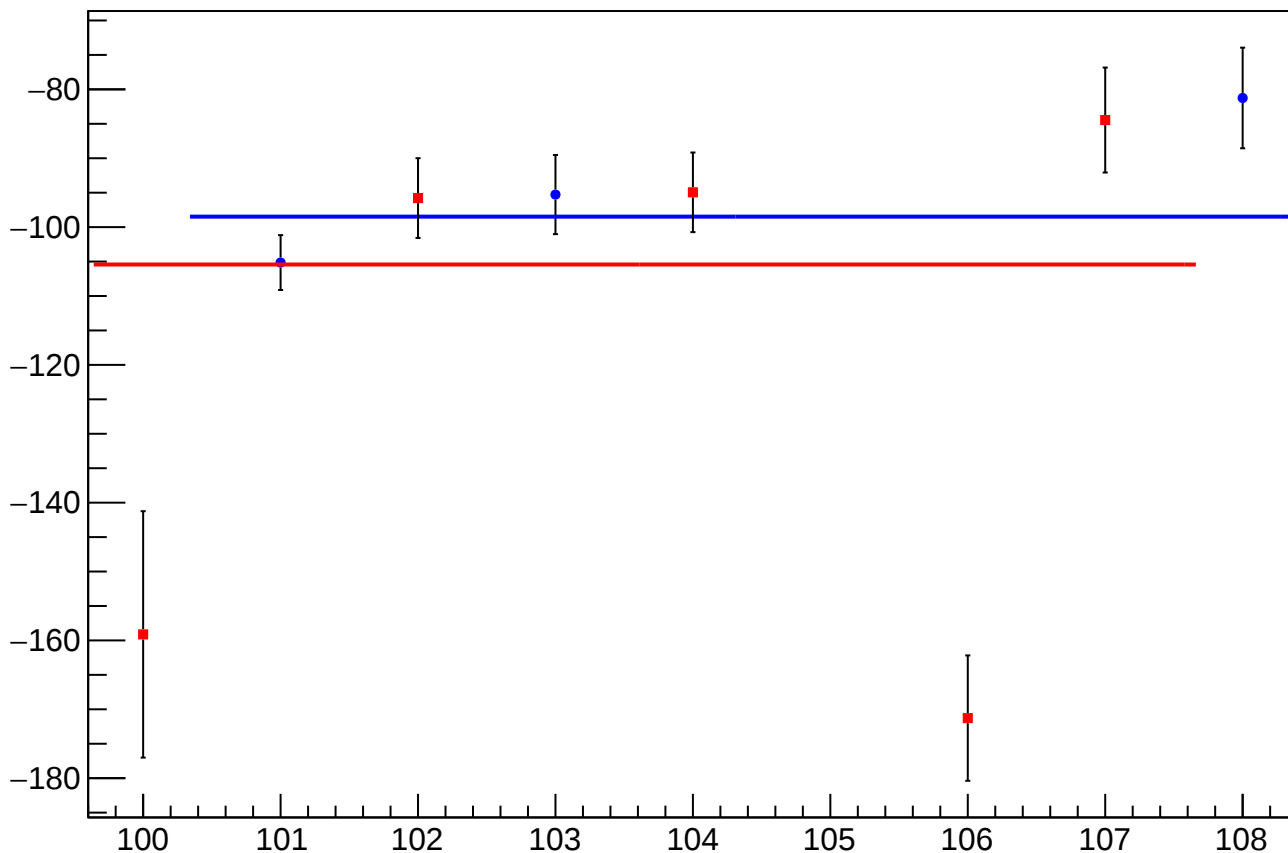
Right: -0.769 ± 0.049 χ^2/NDF : 288.3/7

In: -0.531 ± 0.070 χ^2/NDF : 63.9/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.769 ± 0.049 χ^2/NDF : 288.3/7

reg_asym_sam_26_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -98.476 $\pm$ 2.987 χ^2 /NDF: 8.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -105.427 $\pm$ 3.293 χ^2 /NDF: 75.0/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

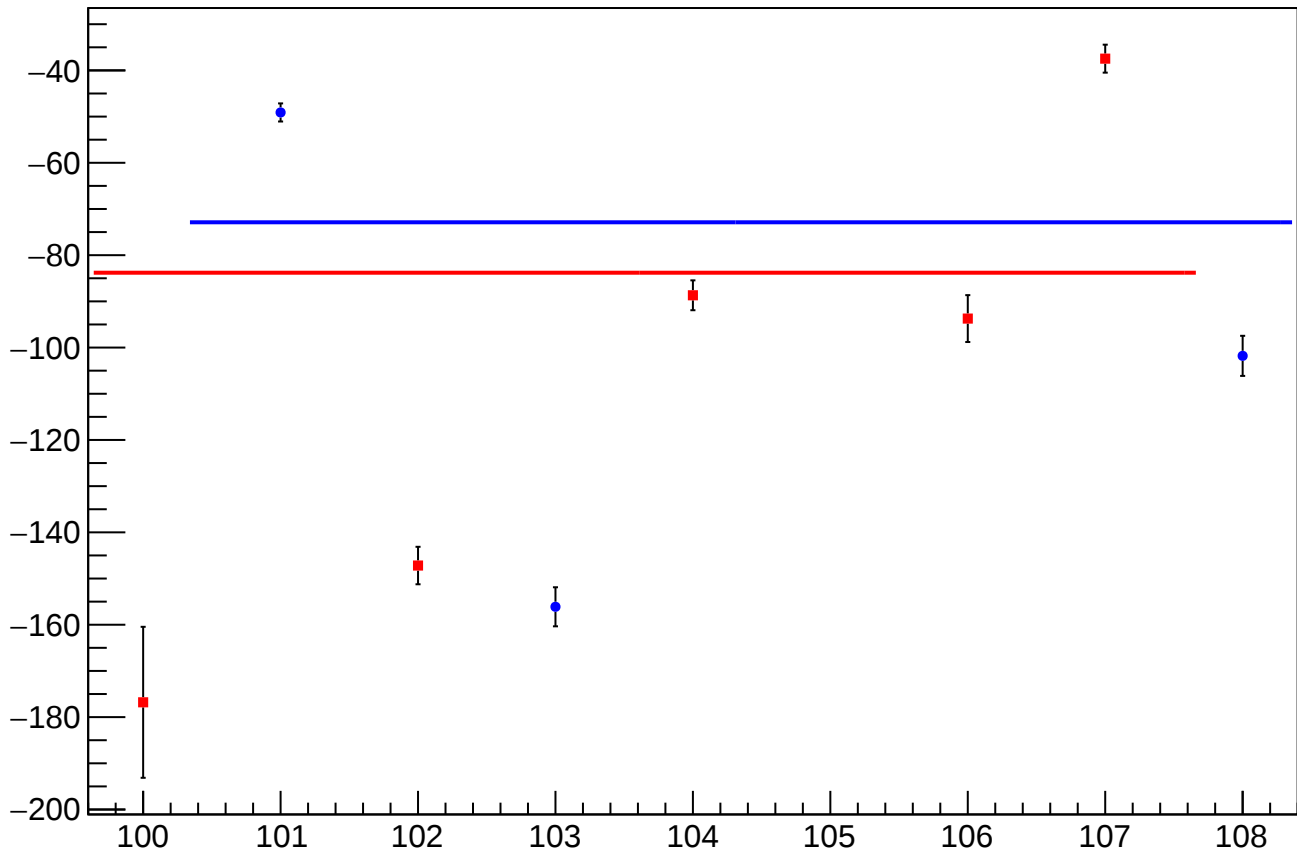
Right: -101.613 $\pm$ 2.212 χ^2 /NDF: 86.1/7

In: -98.476 $\pm$ 2.987 χ^2 /NDF:8.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -101.613 $\pm$ 2.212 χ^2 /NDF: 86.1/7

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -72.880+/-1.645 χ^2/NDF : 579.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -83.795+/-1.801 χ^2/NDF : 517.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

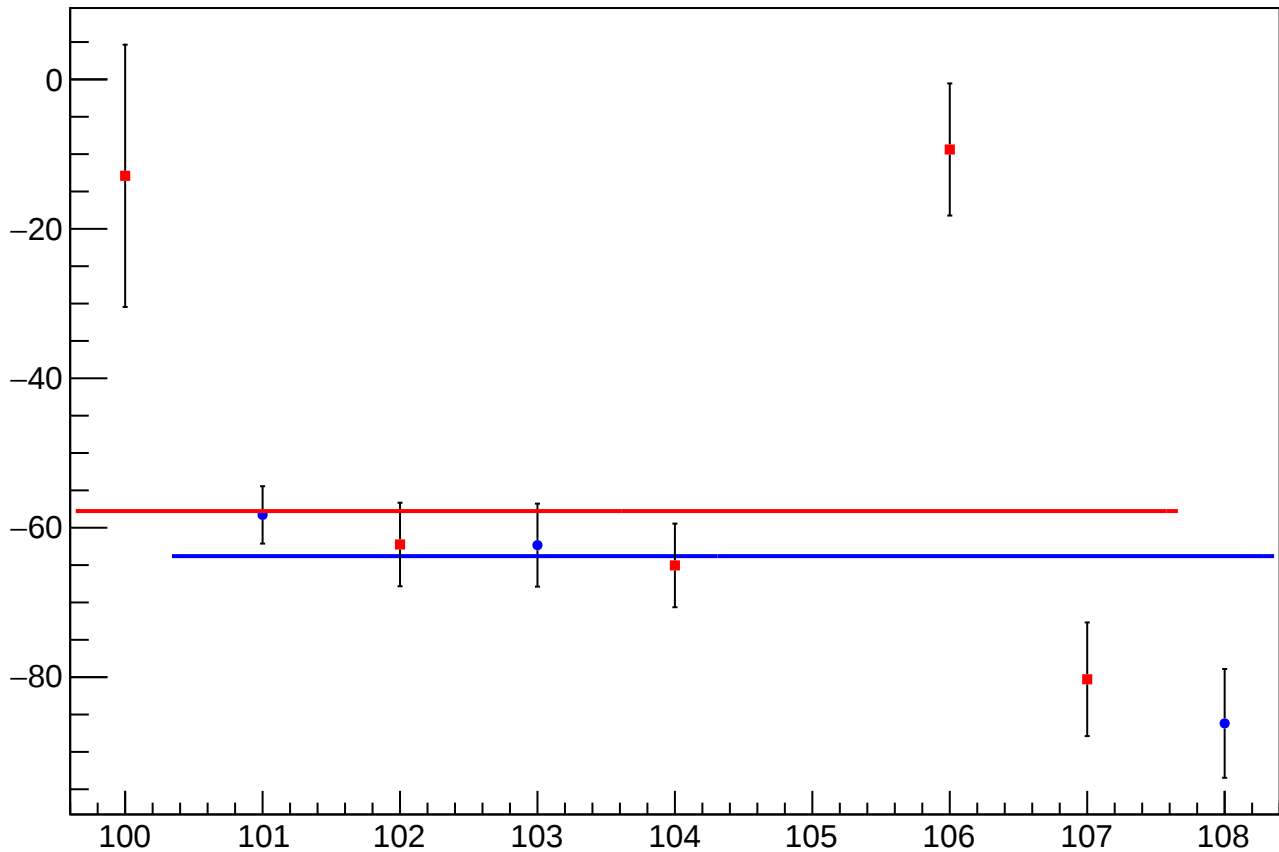
Right: -77.844+/-1.215 χ^2/NDF : 1116.4/7

In: -72.880+/-1.645 χ^2/NDF : 579.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -77.844+/-1.215 χ^2/NDF : 1116.4/7

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -63.801 ± 2.897 χ^2/NDF : 11.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -57.771 ± 3.206 χ^2/NDF : 47.6/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

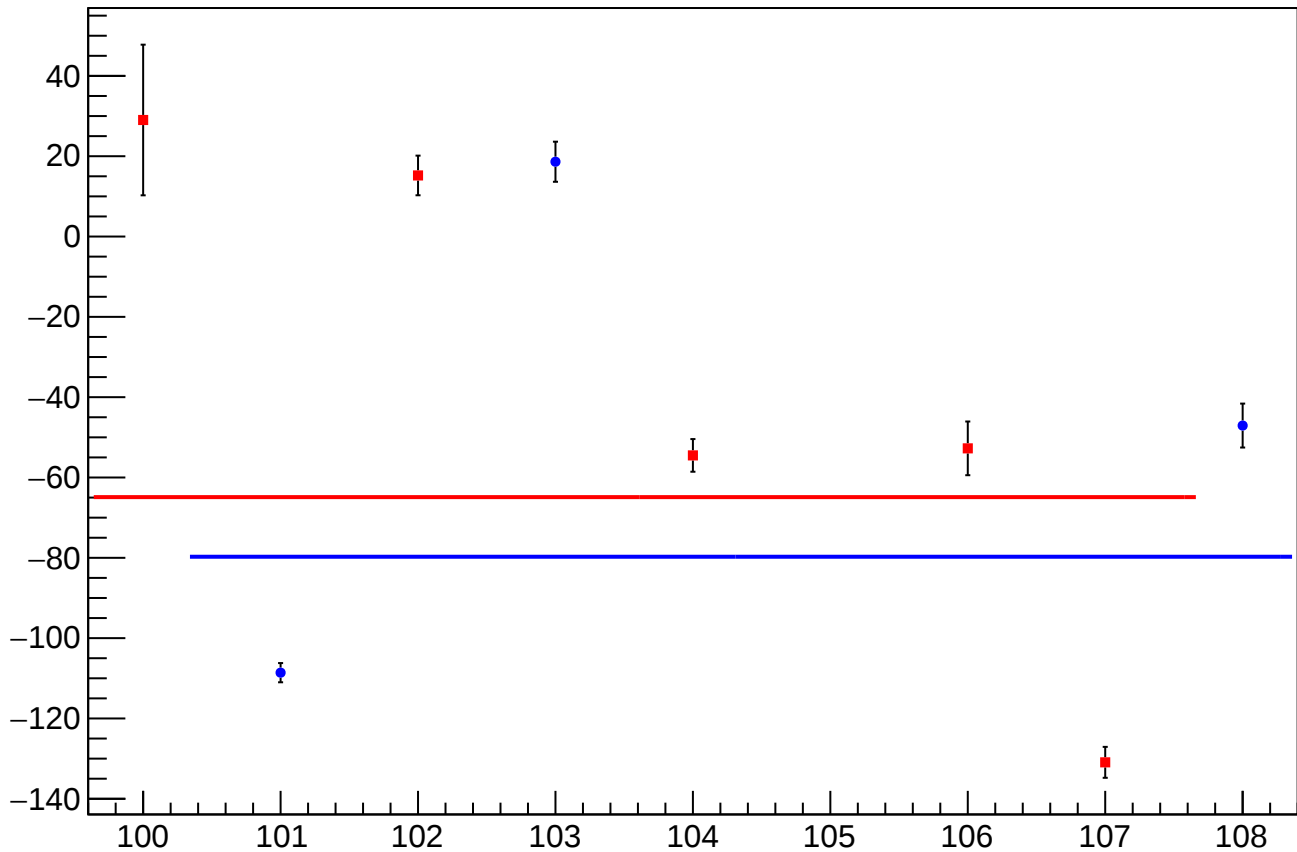
Right: -61.091 ± 2.149 χ^2/NDF : 61.1/7

In: -63.801 ± 2.897 χ^2/NDF : 11.6/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -61.091 ± 2.149 χ^2/NDF : 61.1/7

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -79.730 ± 2.008 $\chi^2/\text{NDF}: 569.3/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -64.884 ± 2.270 $\chi^2/\text{NDF}: 592.4/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

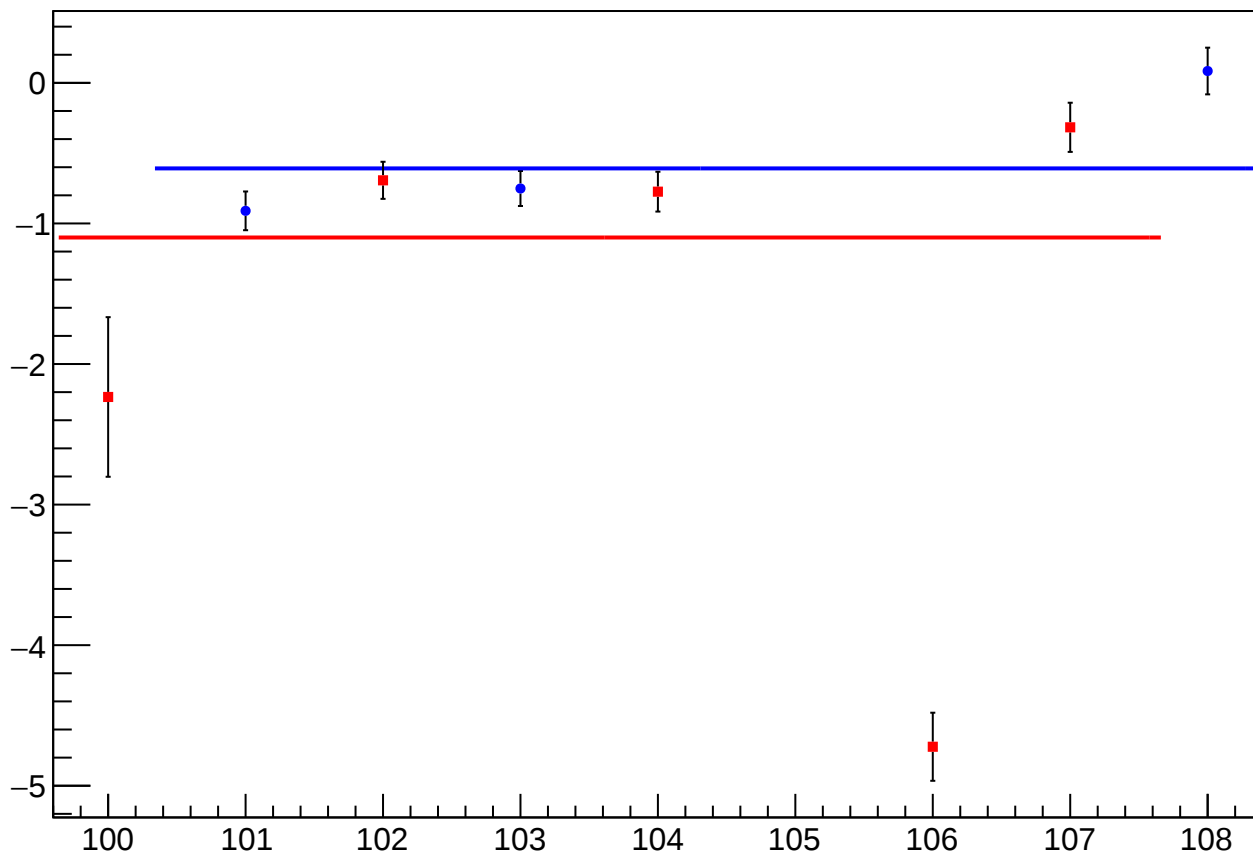
Right: -73.213 ± 1.504 $\chi^2/\text{NDF}: 1185.6/7$

In: -79.730 ± 2.008 $\chi^2/\text{NDF}: 569.3/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -73.213 ± 1.504 $\chi^2/\text{NDF}: 1185.6/7$

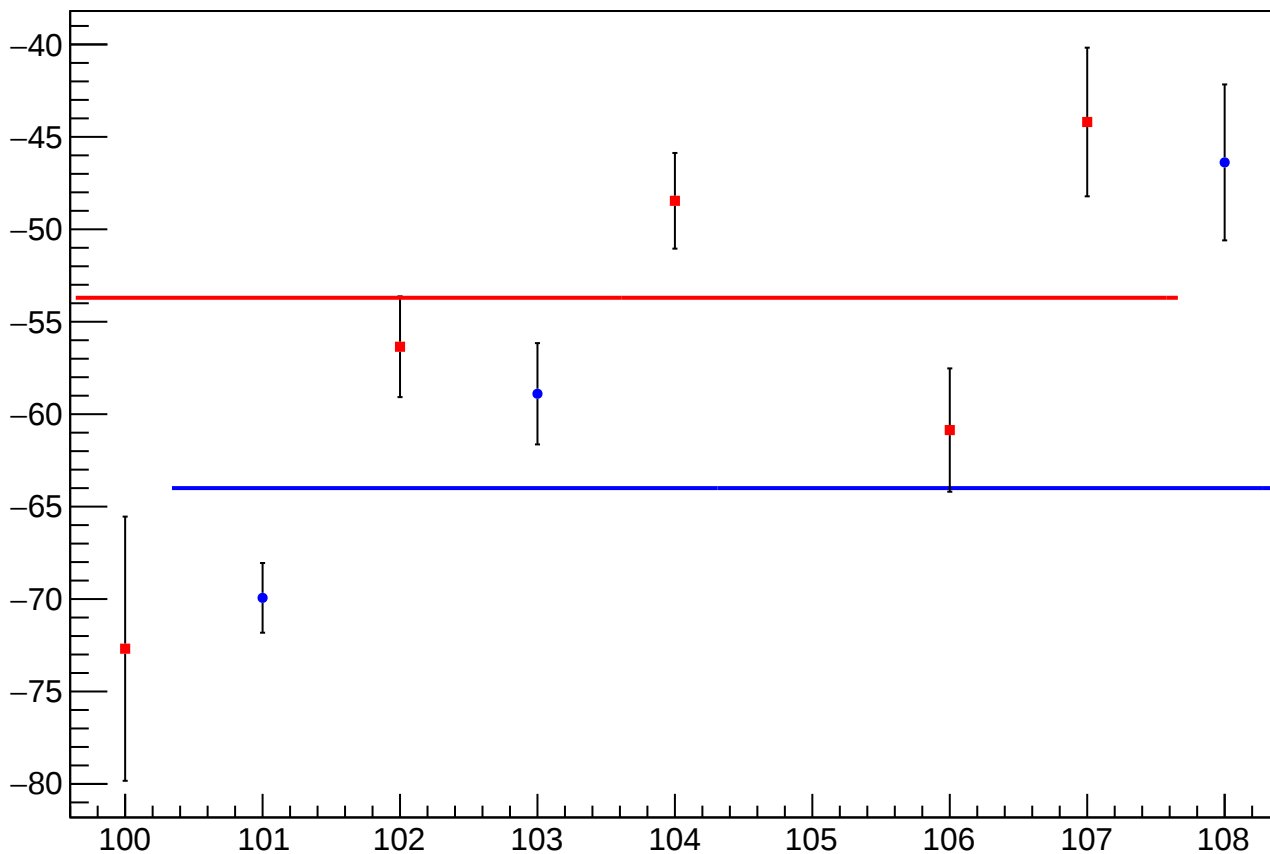
reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.608 ± 0.081 χ^2/NDF : 23.5/2
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -1.100 ± 0.079 χ^2/NDF : 262.7/4
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -0.860 ± 0.056 χ^2/NDF : 305.1/7
 In: -0.608 ± 0.081 χ^2/NDF : 23.5/2
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -0.860 ± 0.056 χ^2/NDF : 305.1/7

reg_asym_sam_48_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -63.998 $\pm$ 1.457 χ^2 /NDF: 30.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -53.704 $\pm$ 1.482 χ^2 /NDF: 22.3/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

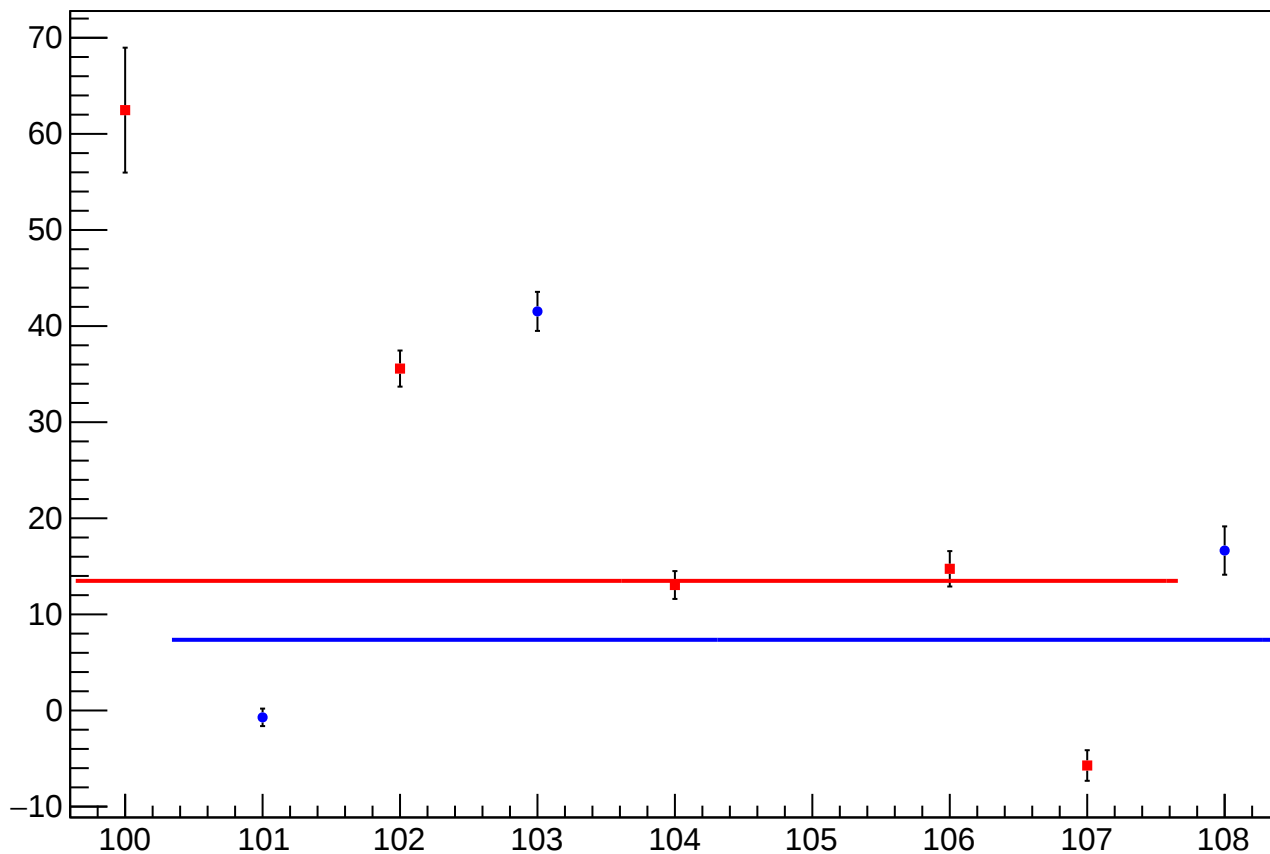
Right: -58.937 $\pm$ 1.039 χ^2 /NDF: 77.7/7

In: -63.998 $\pm$ 1.457 χ^2 /NDF:30.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -58.937 $\pm$ 1.039 χ^2 /NDF: 77.7/7

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.355+/-0.789 χ^2/NDF : 375.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.489+/-0.824 χ^2/NDF : 341.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

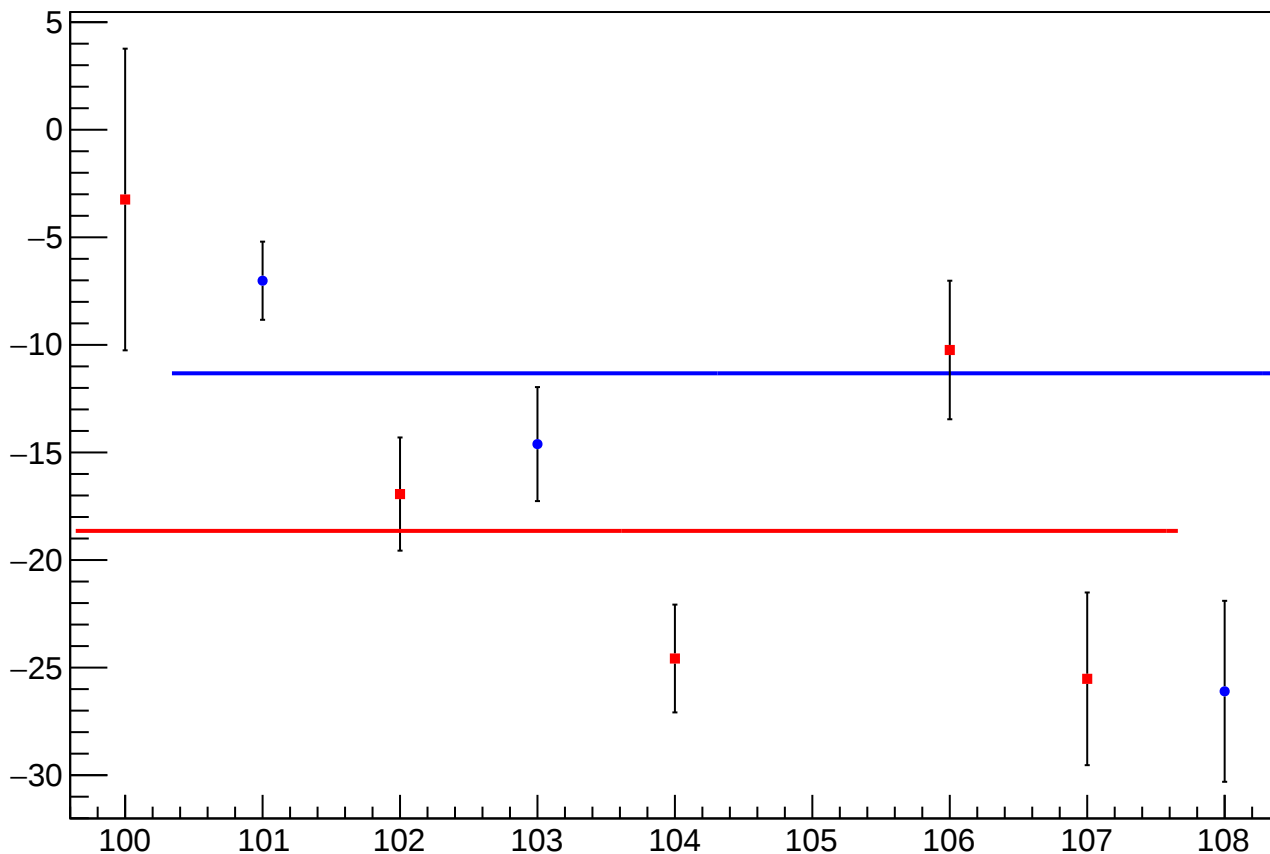
Right: 10.287+/-0.570 χ^2/NDF : 745.3/7

In: 7.355+/-0.789 χ^2/NDF : 375.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.287+/-0.570 χ^2/NDF : 745.3/7

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -11.321+/-1.411 χ^2/NDF : 19.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.646+/-1.439 χ^2/NDF : 20.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

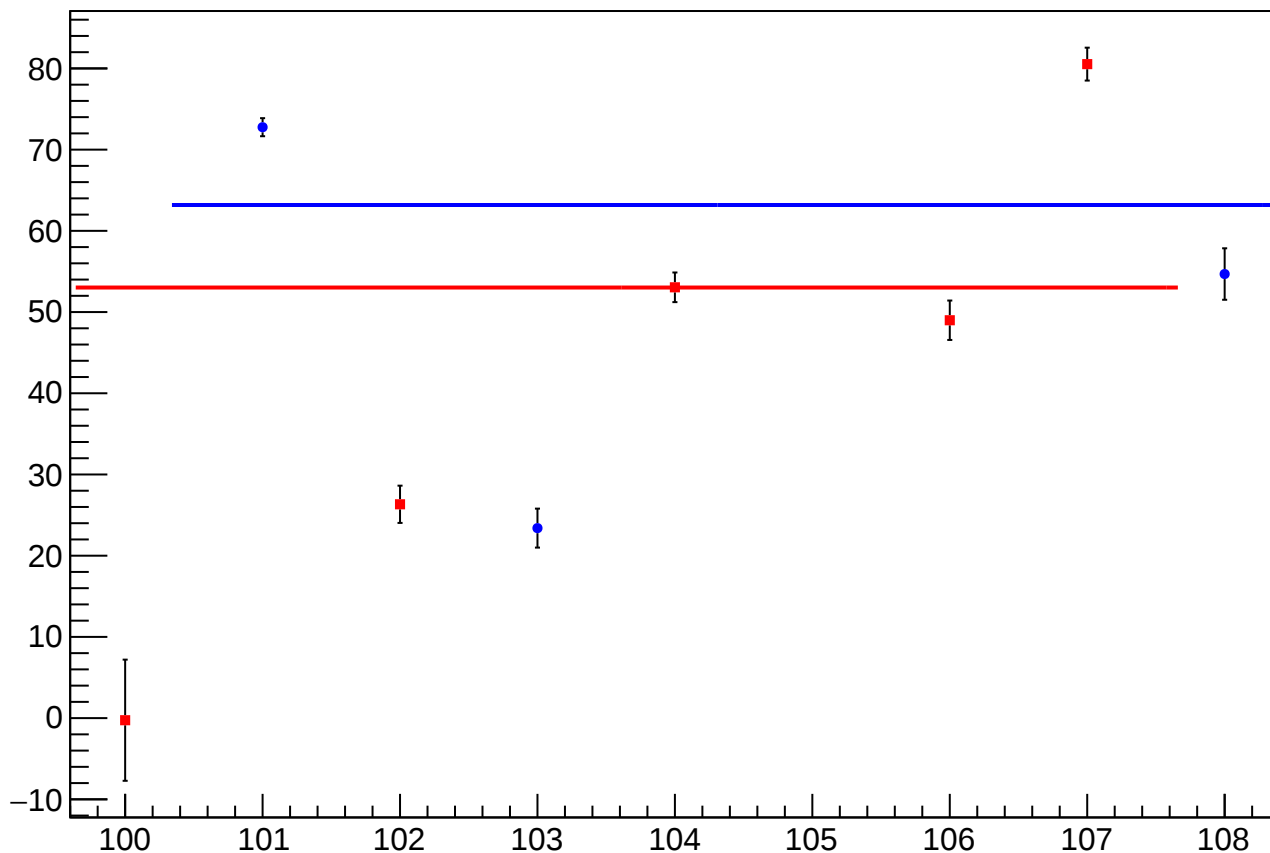
Right: -14.911+/-1.008 χ^2/NDF : 53.3/7

In: -11.321+/-1.411 χ^2/NDF : 19.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.911+/-1.008 χ^2/NDF : 53.3/7

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 63.183+/-0.961 χ^2 /NDF: 356.3/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 53.021+/-1.041 χ^2 /NDF: 373.6/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

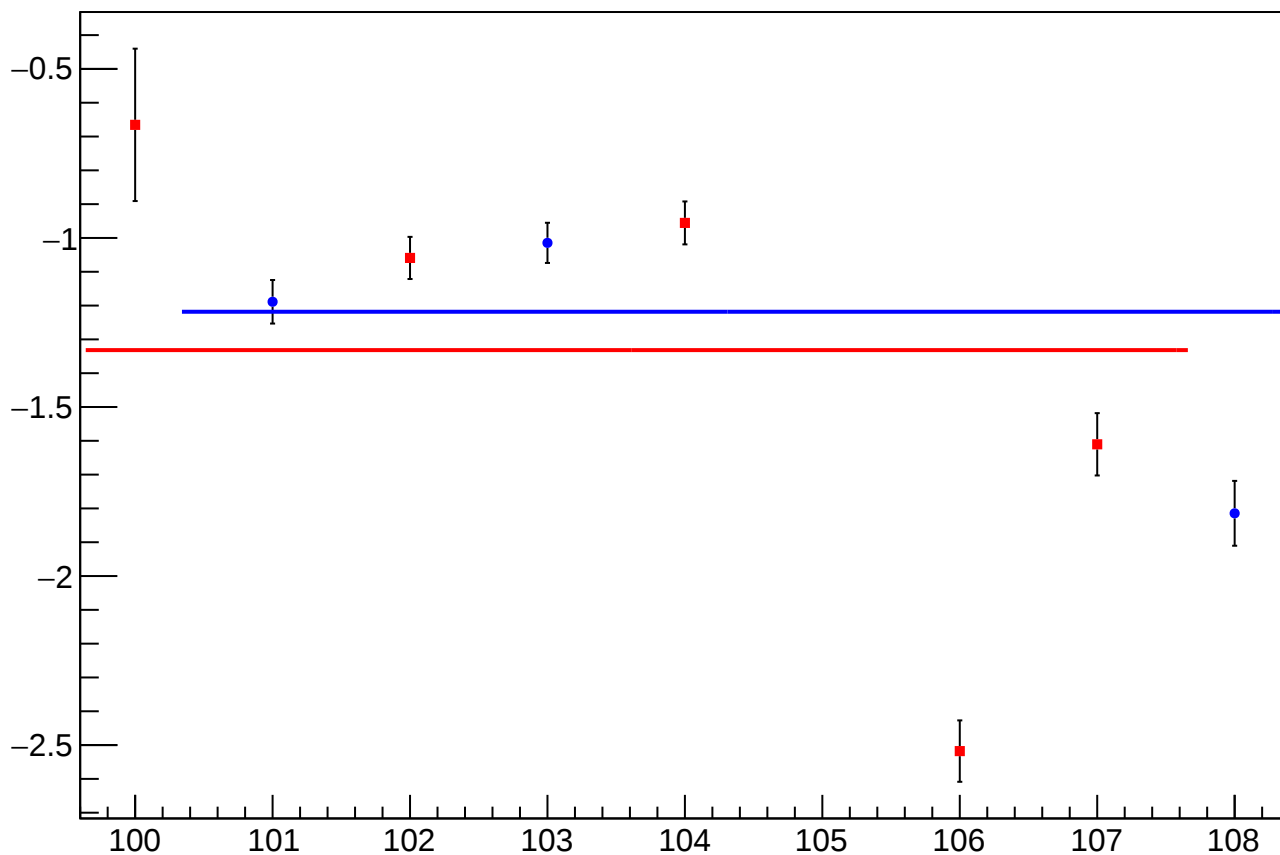
Right: 58.509+/-0.706 χ^2 /NDF: 781.4/7

In: 63.183+/-0.961 χ^2 /NDF:356.3/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 58.509+/-0.706 χ^2 /NDF: 781.4/7

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.218+/-0.040 χ^2/NDF : 50.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.332+/-0.036 χ^2/NDF : 242.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

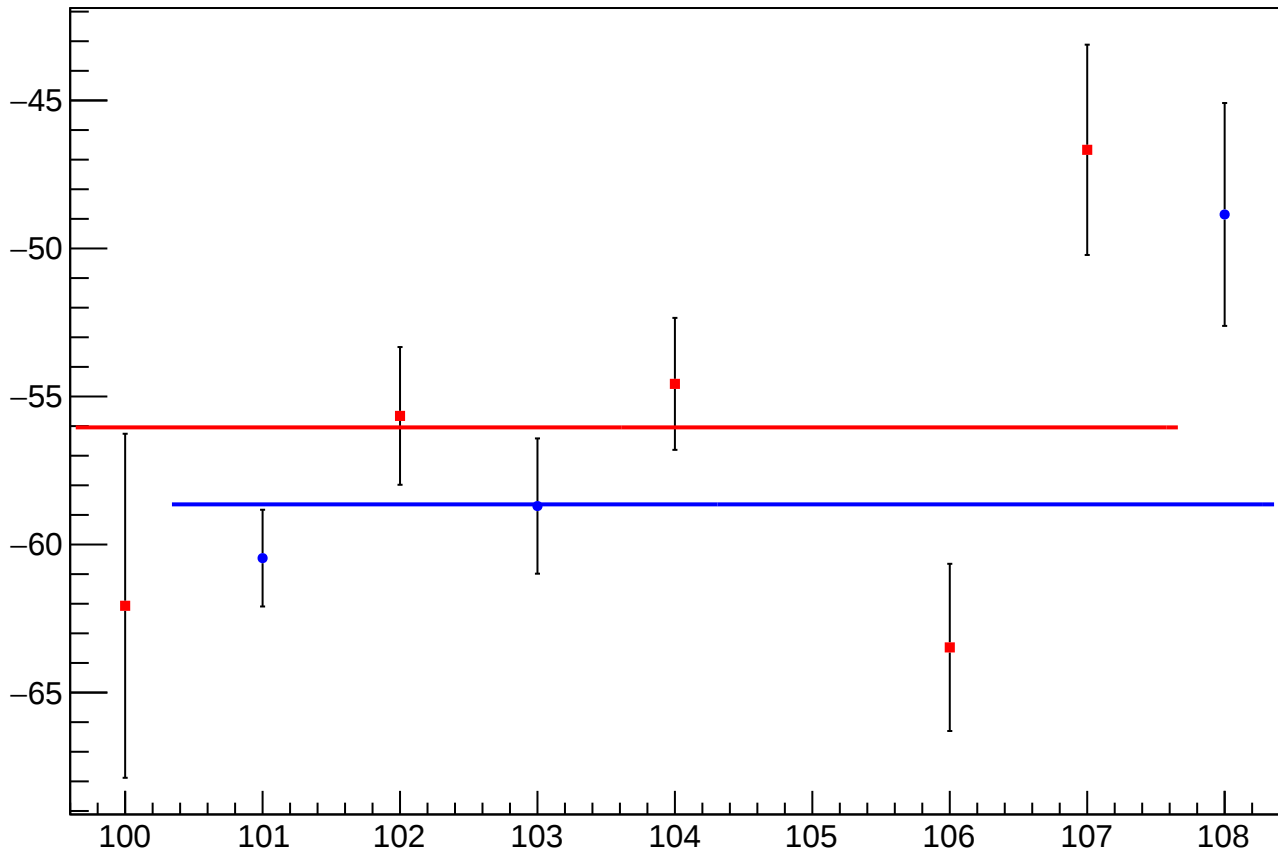
Right: -1.280+/-0.027 χ^2/NDF : 297.8/7

In: -1.218+/-0.040 χ^2/NDF : 50.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.280+/-0.027 χ^2/NDF : 297.8/7

reg_asym_sam_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -58.644 $\pm$ 1.253 χ^2 /NDF: 8.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -56.043 $\pm$ 1.270 χ^2 /NDF: 15.4/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

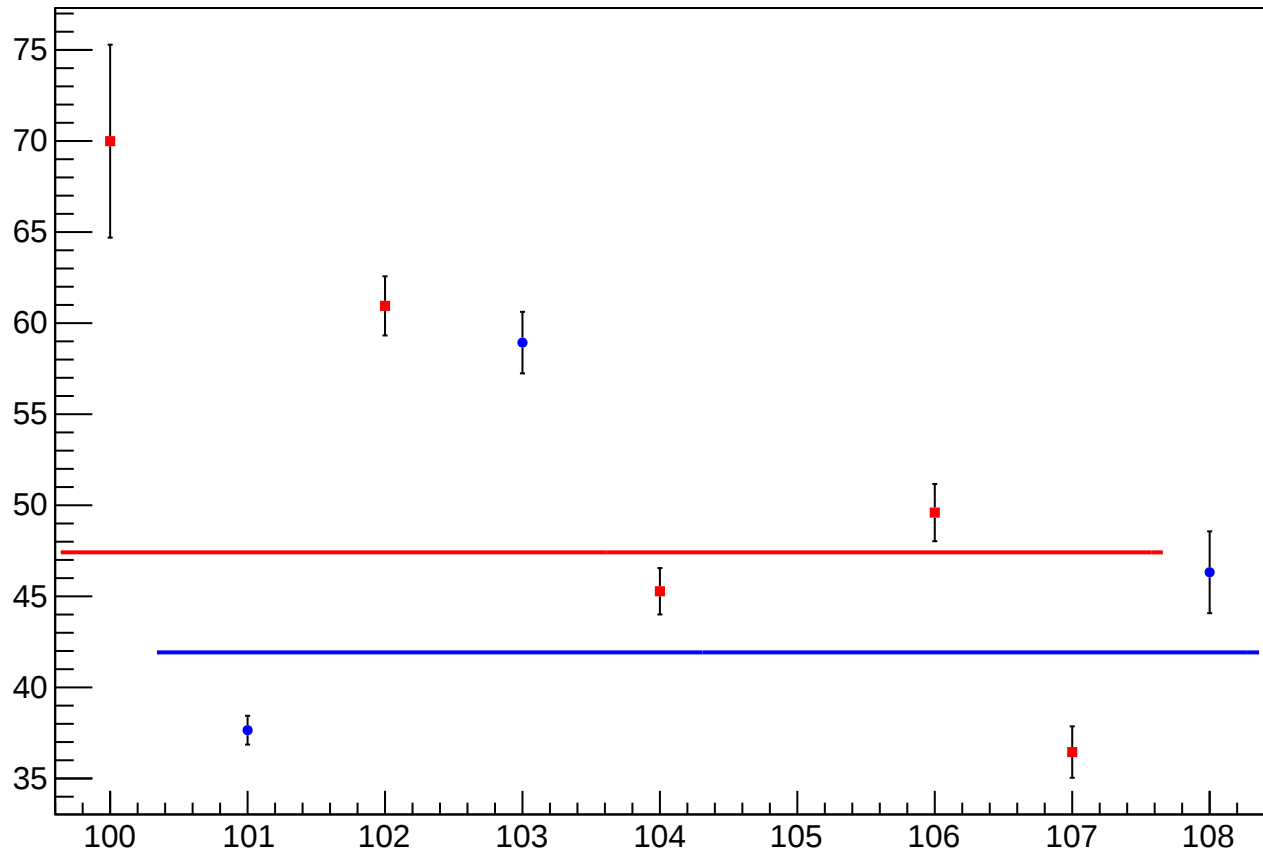
Right: -57.360 $\pm$ 0.892 χ^2 /NDF: 25.6/7

In: -58.644 $\pm$ 1.253 χ^2 /NDF:8.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -57.360 $\pm$ 0.892 χ^2 /NDF: 25.6/7

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 41.923+/-0.683 χ^2/NDF : 134.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.415+/-0.718 χ^2/NDF : 152.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

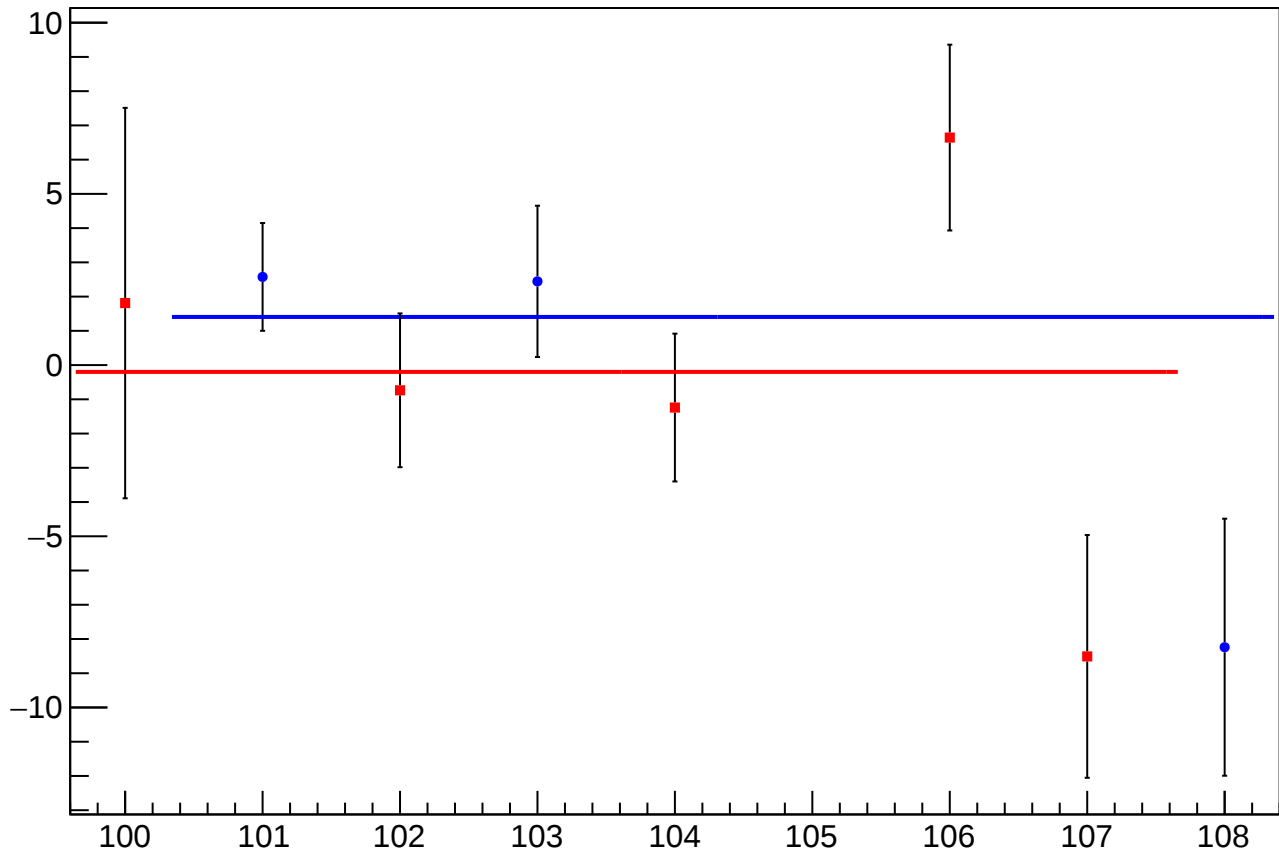
Right: 44.529+/-0.495 χ^2/NDF : 317.6/7

In: 41.923+/-0.683 χ^2/NDF : 134.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.529+/-0.495 χ^2/NDF : 317.6/7

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.406 $\pm$ 1.213 χ^2 /NDF: 7.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.199 $\pm$ 1.232 χ^2 /NDF: 12.3/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

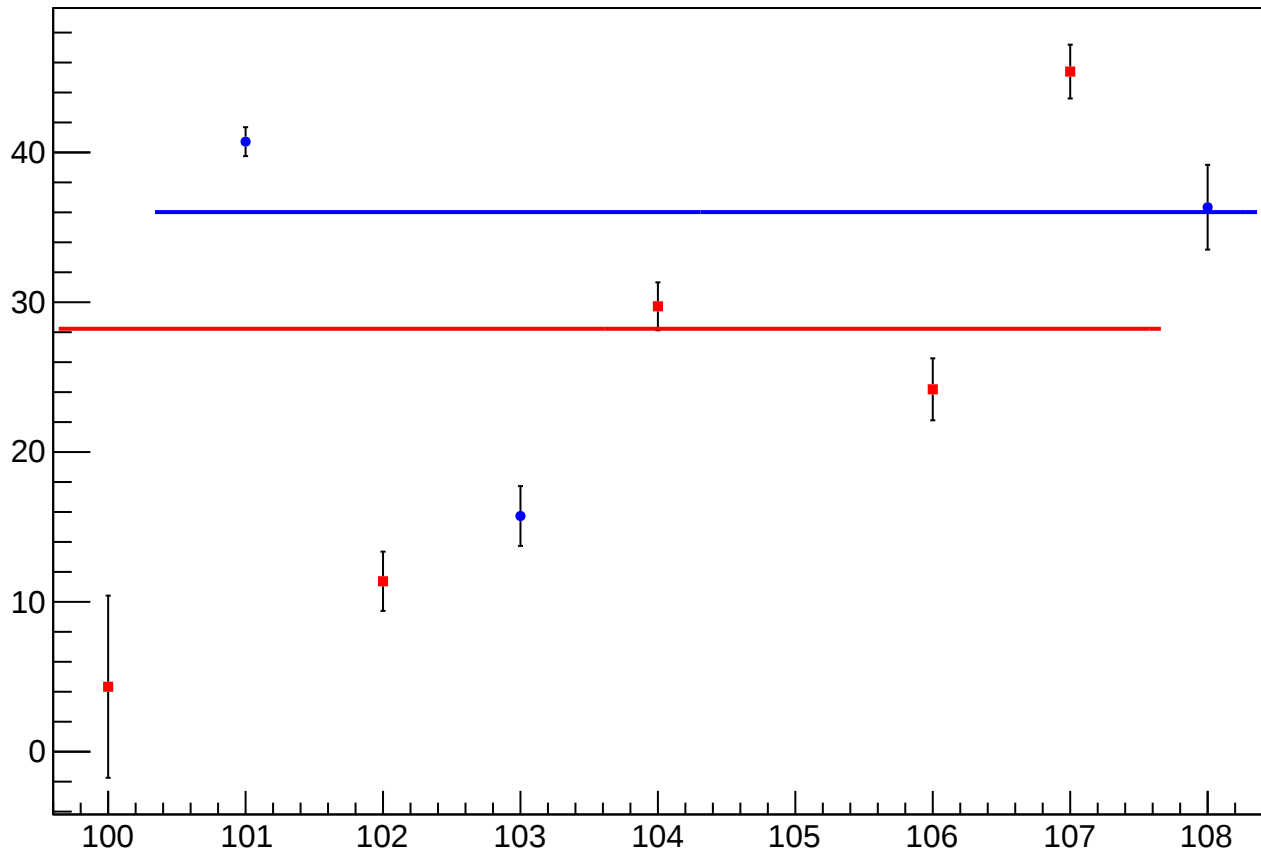
Right: 0.616 $\pm$ 0.864 χ^2 /NDF: 20.5/7

In: 1.406 $\pm$ 1.213 χ^2 /NDF:7.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.616 $\pm$ 0.864 χ^2 /NDF: 20.5/7

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 36.017+/-0.831 χ^2/NDF : 127.0/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 28.231+/-0.906 χ^2/NDF : 184.2/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

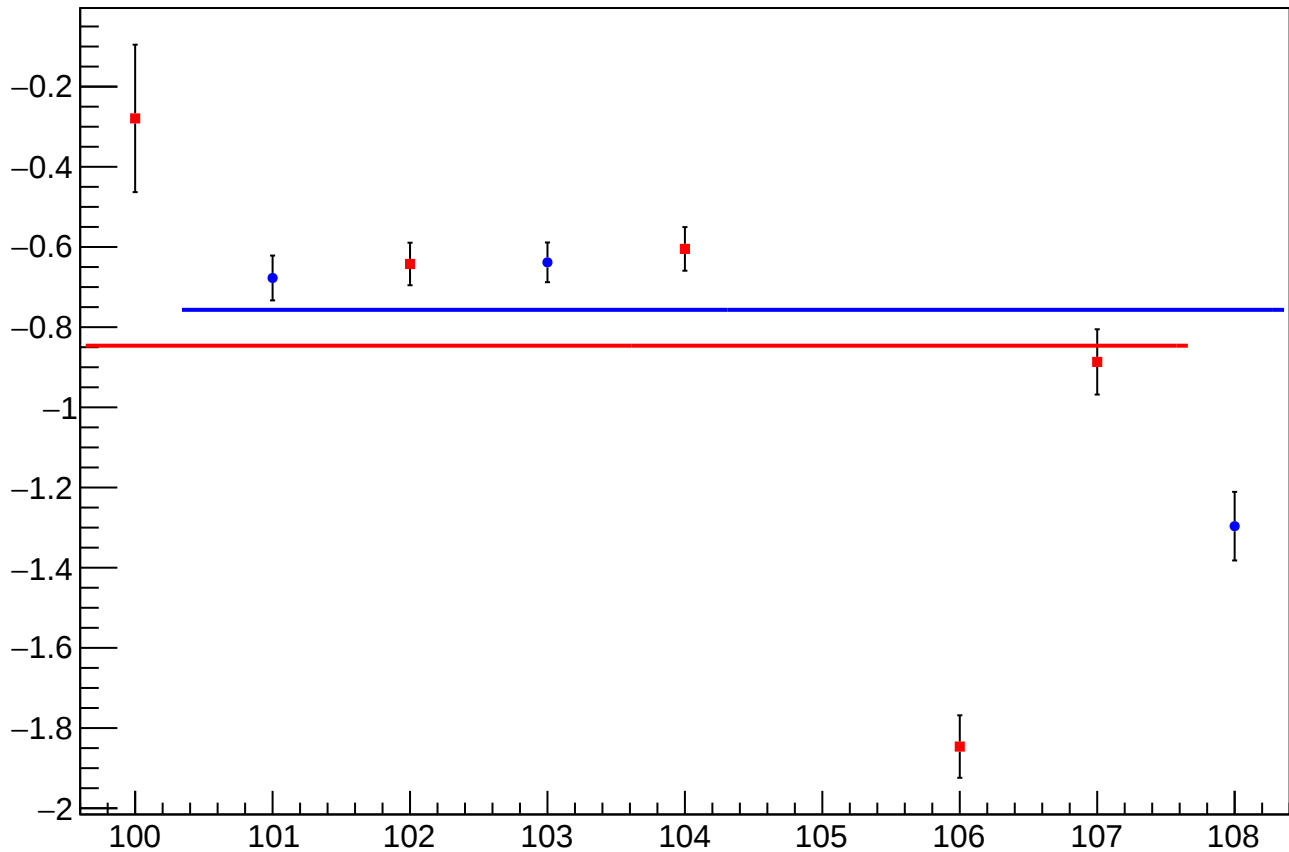
Right: 32.462+/-0.612 χ^2/NDF : 351.3/7

In: 36.017+/-0.831 χ^2/NDF :127.0/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 32.462+/-0.612 χ^2/NDF : 351.3/7

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.757 ± 0.034 $\chi^2/\text{NDF}: 47.5/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.846 ± 0.031 $\chi^2/\text{NDF}: 208.9/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

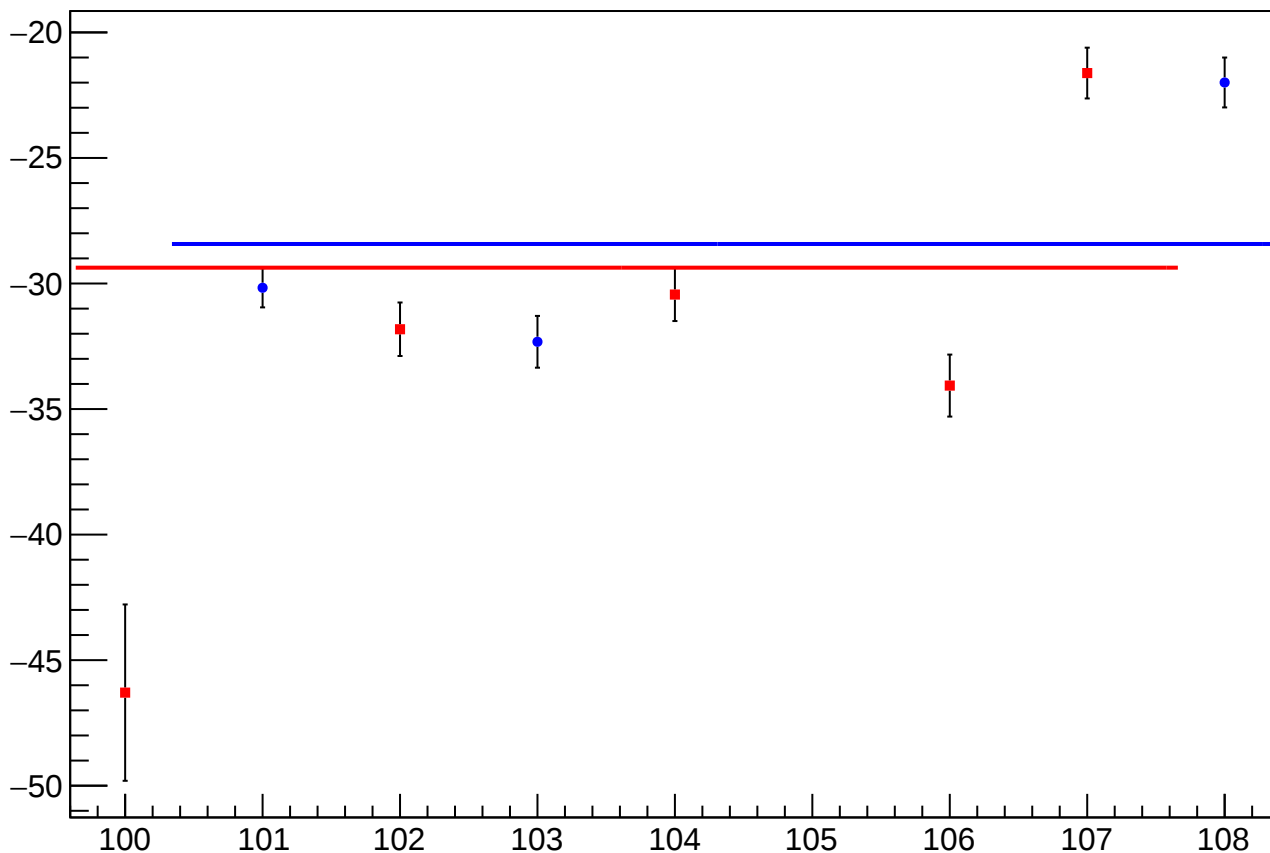
Right: -0.806 ± 0.023 $\chi^2/\text{NDF}: 260.2/7$

In: -0.757 ± 0.034 $\chi^2/\text{NDF}: 47.5/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.806 ± 0.023 $\chi^2/\text{NDF}: 260.2/7$

reg_asym_sam_13_57_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -28.426 $\pm$ 0.528 χ^2 /NDF: 61.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -29.369 $\pm$ 0.535 χ^2 /NDF: 102.7/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

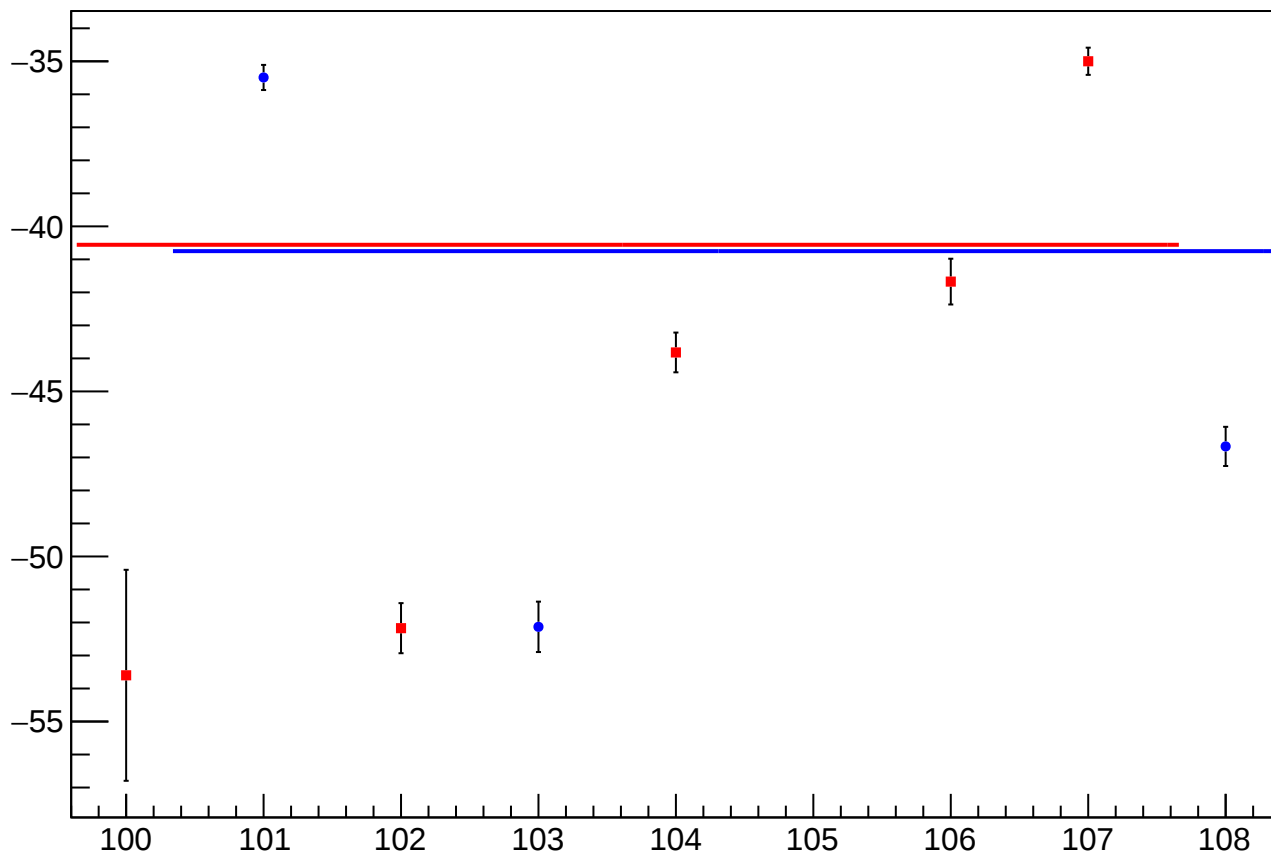
Right: -28.891 $\pm$ 0.376 χ^2 /NDF: 165.5/7

In: -28.426 $\pm$ 0.528 χ^2 /NDF: 61.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -28.891 $\pm$ 0.376 χ^2 /NDF: 165.5/7

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -40.750+/-0.295 χ^2/NDF : 512.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.558+/-0.282 χ^2/NDF : 465.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

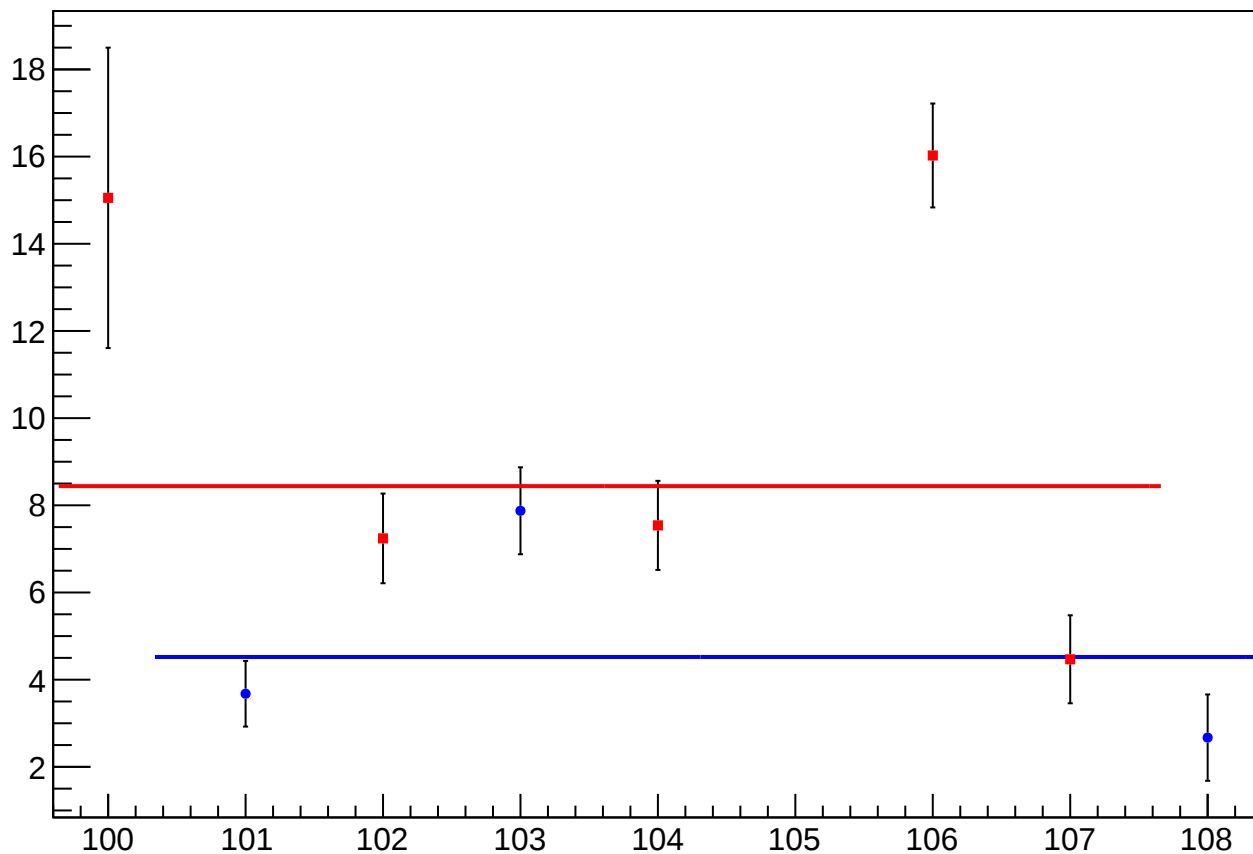
Right: -40.650+/-0.204 χ^2/NDF : 978.0/7

In: -40.750+/-0.295 χ^2/NDF : 512.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.650+/-0.204 χ^2/NDF : 978.0/7

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 4.520+/-0.514 χ^2/NDF : 16.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.441+/-0.522 χ^2/NDF : 61.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

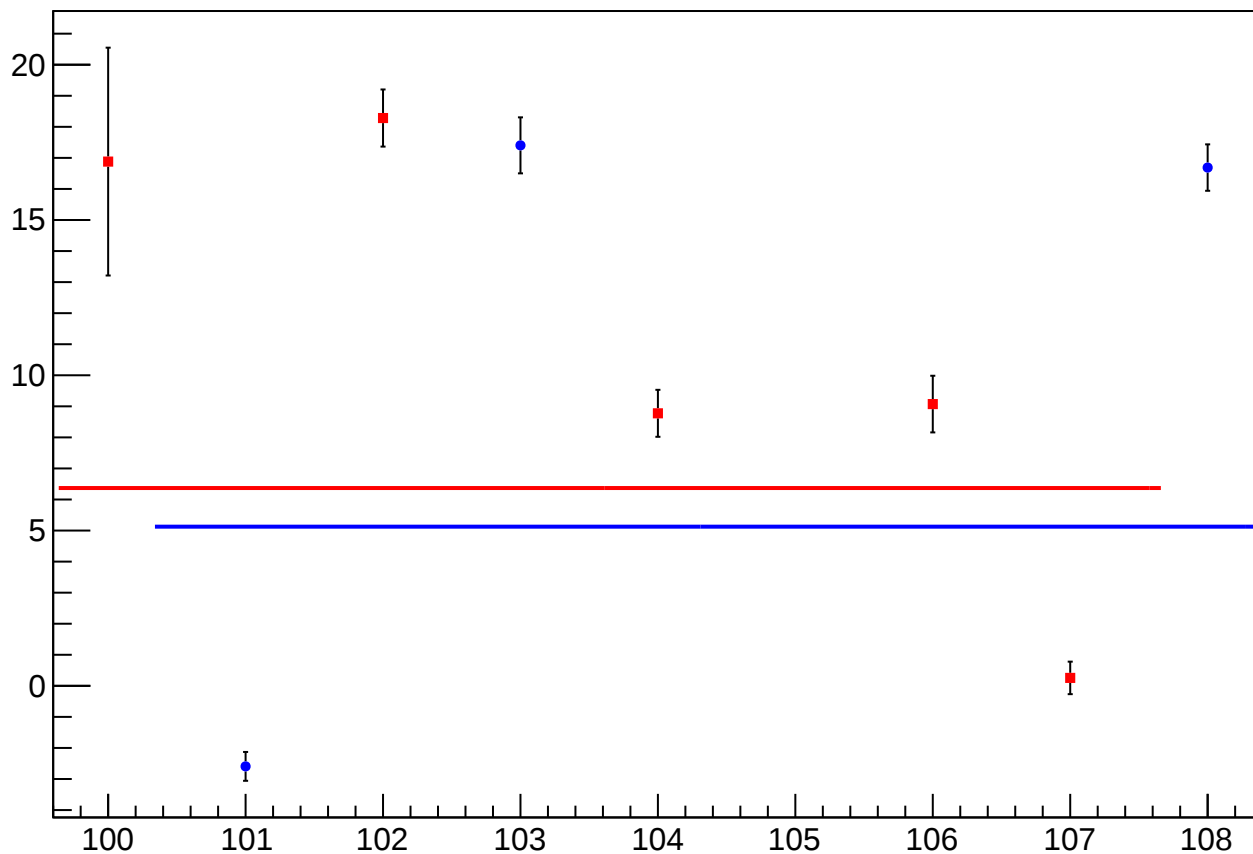
Right: 6.451+/-0.366 χ^2/NDF : 106.5/7

In: 4.520+/-0.514 χ^2/NDF : 16.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.451+/-0.366 χ^2/NDF : 106.5/7

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.125+/-0.361 χ^2/NDF : 700.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.369+/-0.357 χ^2/NDF : 331.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

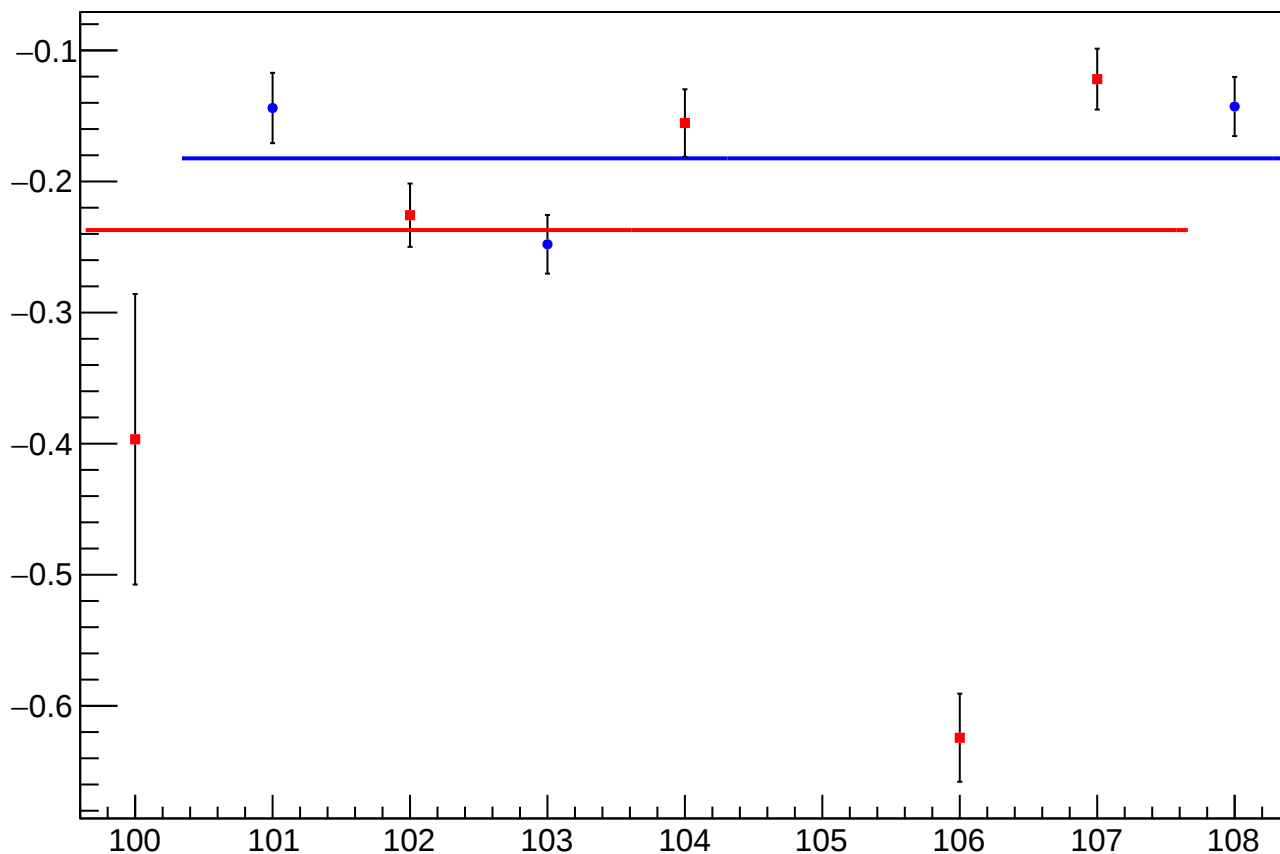
Right: 5.755+/-0.254 χ^2/NDF : 1038.3/7

In: 5.125+/-0.361 χ^2/NDF : 700.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.755+/-0.254 χ^2/NDF : 1038.3/7

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 $\pm$ 0.014 χ^2 /NDF: 13.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.237 $\pm$ 0.013 χ^2 /NDF: 169.7/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

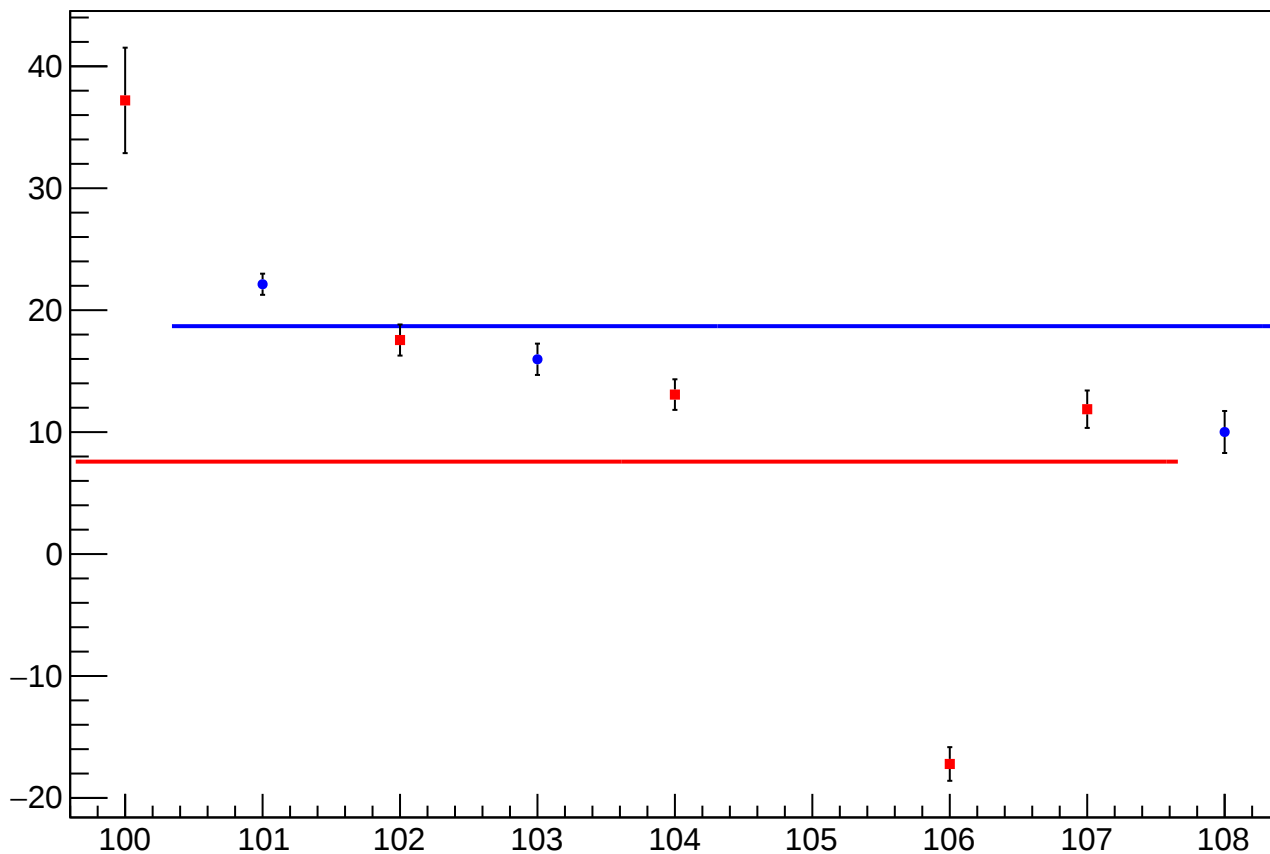
Right: -0.211 $\pm$ 0.009 χ^2 /NDF: 191.9/7

In: -0.182 $\pm$ 0.014 χ^2 /NDF:13.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.211 $\pm$ 0.009 χ^2 /NDF: 191.9/7

reg_asym_sam_15_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 18.689+/-0.663 χ^2/NDF : 45.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.580+/-0.666 χ^2/NDF : 458.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

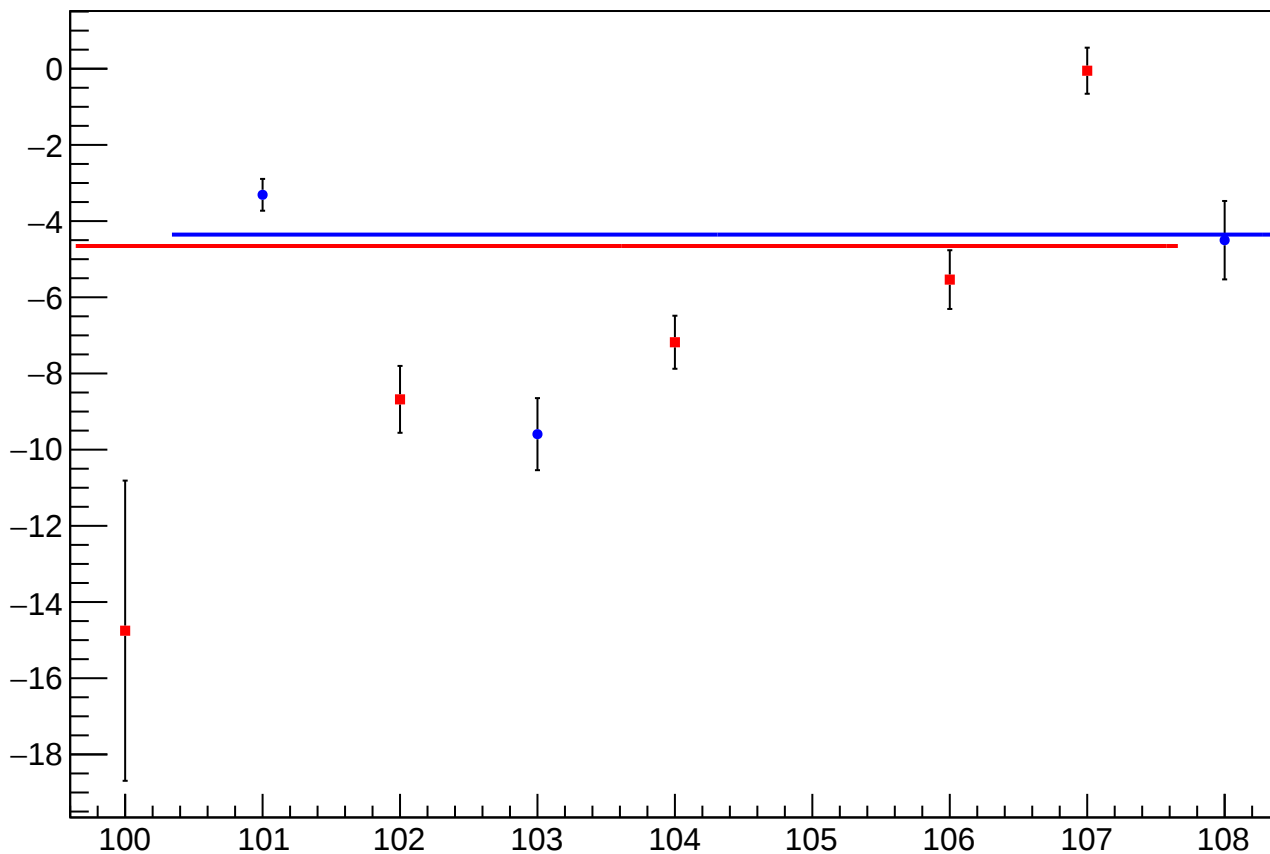
Right: 13.160+/-0.470 χ^2/NDF : 643.2/7

In: 18.689+/-0.663 χ^2/NDF : 45.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.160+/-0.470 χ^2/NDF : 643.2/7

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.355+/-0.358 χ^2/NDF : 36.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.654+/-0.357 χ^2/NDF : 99.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

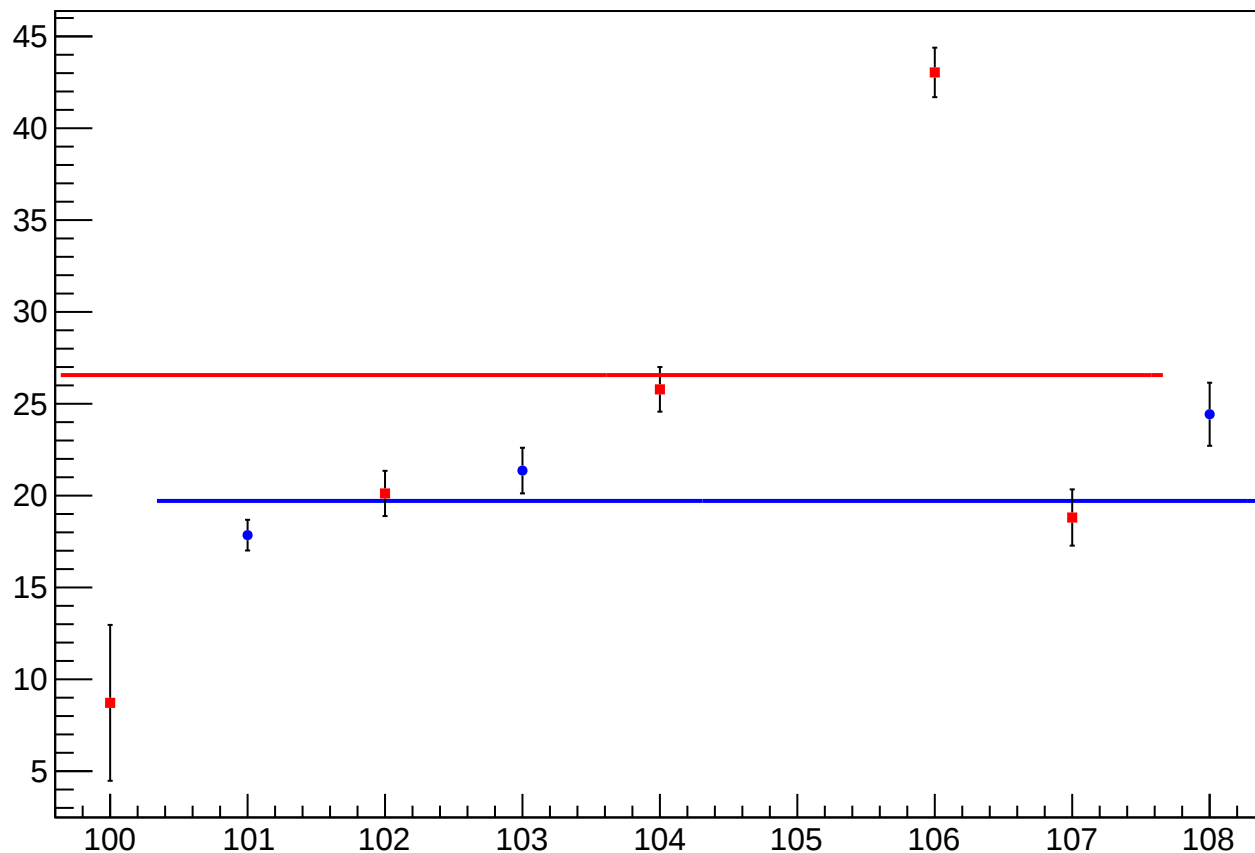
Right: -4.505+/-0.253 χ^2/NDF : 137.2/7

In: -4.355+/-0.358 χ^2/NDF : 36.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.505+/-0.253 χ^2/NDF : 137.2/7

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 19.712 $\pm$ 0.643 χ^2 /NDF: 14.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 26.562 $\pm$ 0.650 χ^2 /NDF: 220.6/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

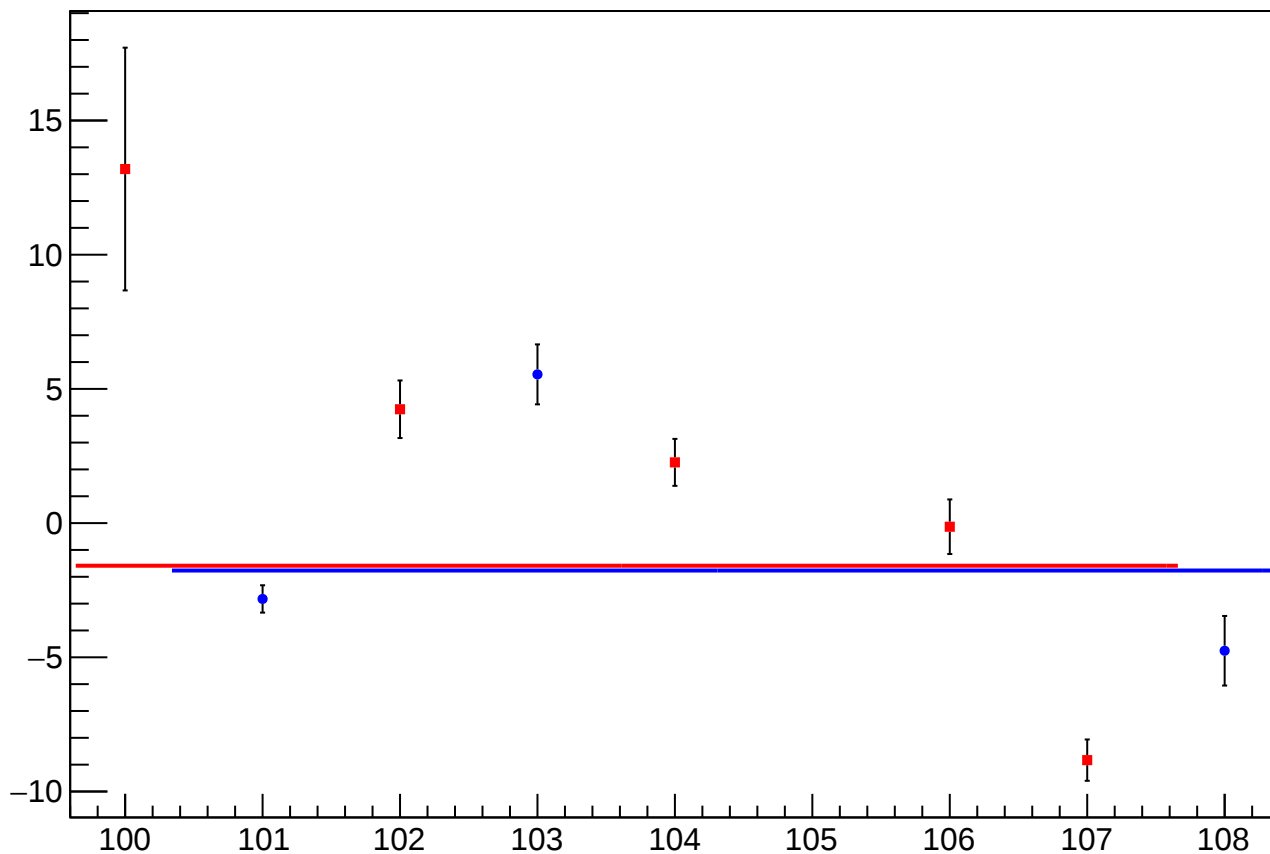
Right: 23.100 $\pm$ 0.457 χ^2 /NDF: 291.0/7

In: 19.712 $\pm$ 0.643 χ^2 /NDF: 14.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.100 $\pm$ 0.457 χ^2 /NDF: 291.0/7

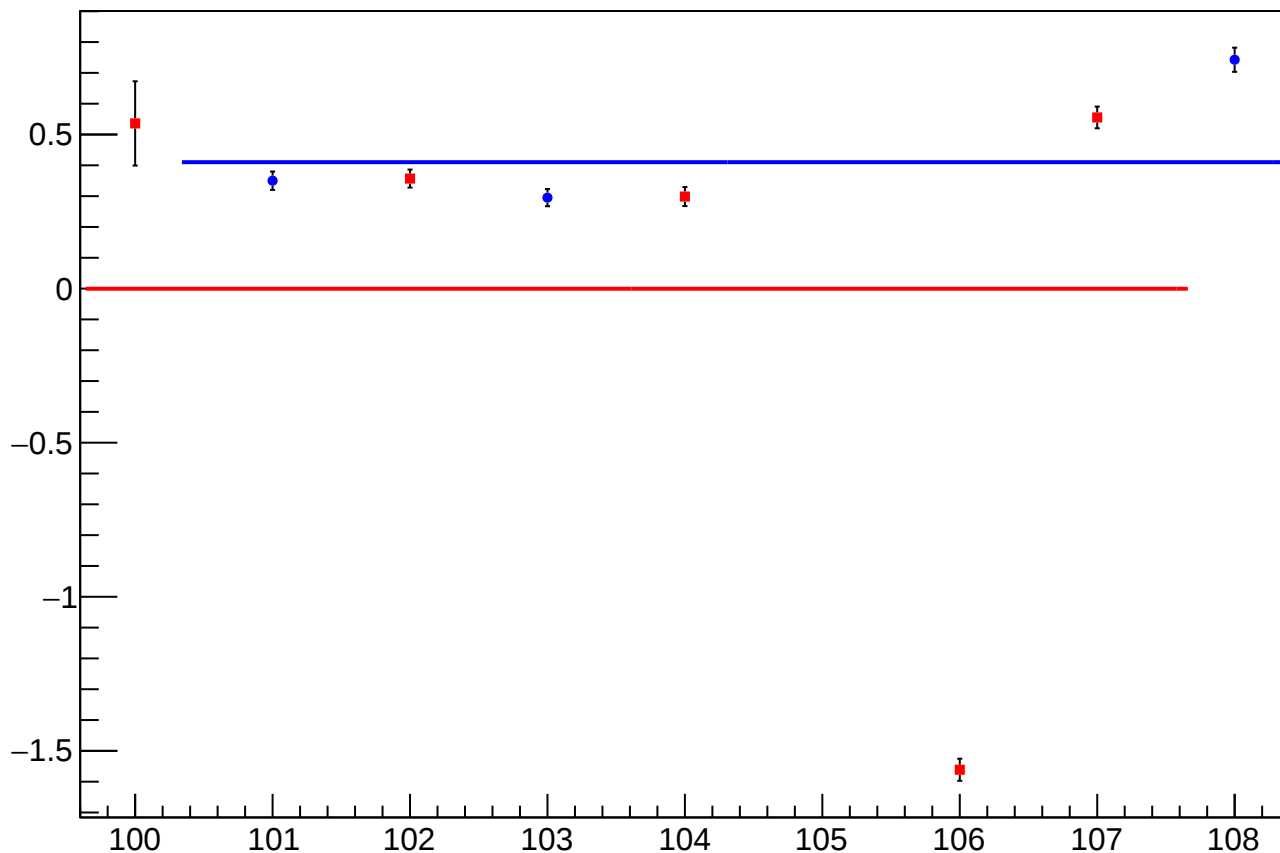
reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.767 $\pm$ 0.437 χ^2 /NDF: 52.4/2
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -1.588 $\pm$ 0.453 χ^2 /NDF: 150.2/4
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -1.681 $\pm$ 0.314 χ^2 /NDF: 202.7/7
 In: -1.767 $\pm$ 0.437 χ^2 /NDF:52.4/2
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -1.681 $\pm$ 0.314 χ^2 /NDF: 202.7/7

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.410+/-0.018 χ^2/NDF : 93.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.016 χ^2/NDF : 2400.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

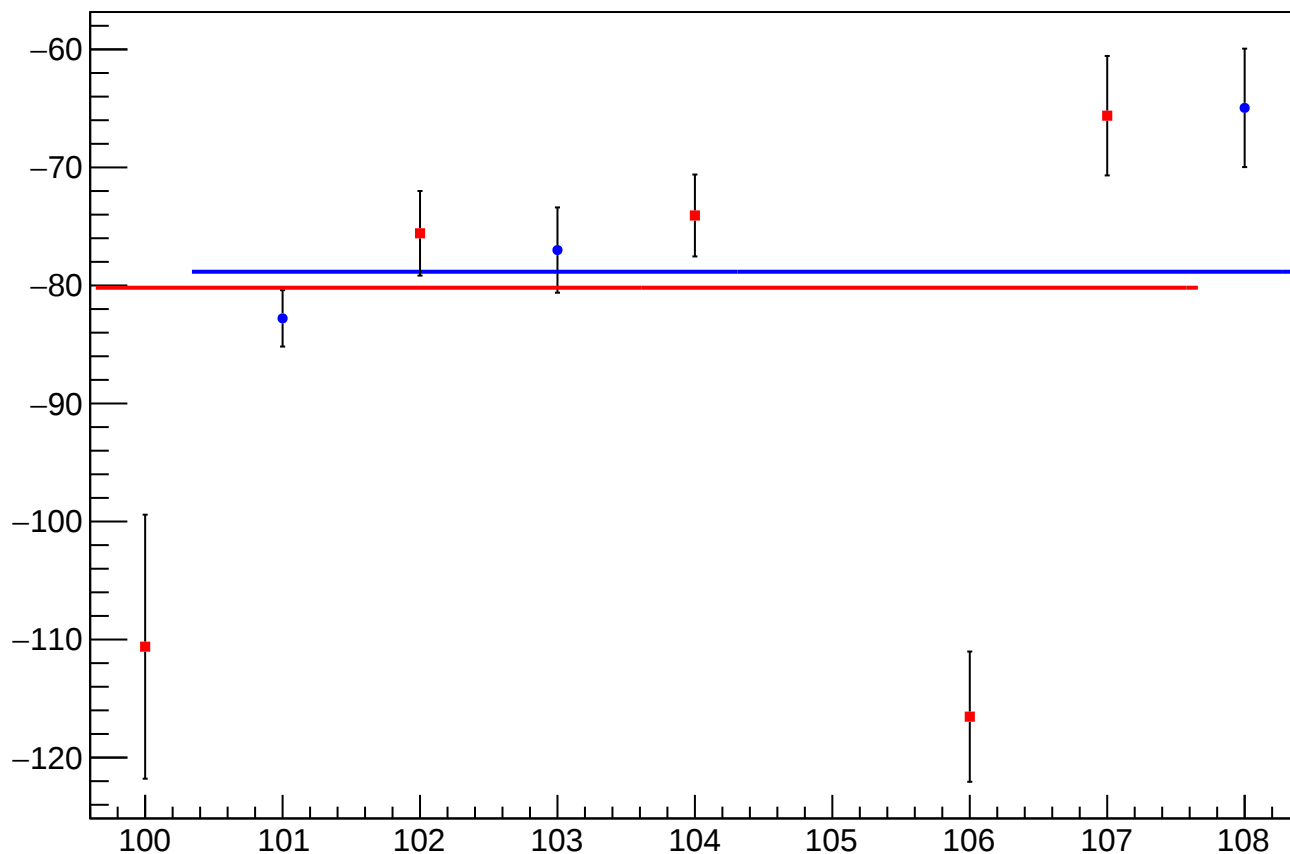
Right: 0.181+/-0.012 χ^2/NDF : 2781.5/7

In: 0.410+/-0.018 χ^2/NDF : 93.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.181+/-0.012 χ^2/NDF : 2781.5/7

reg_asym_sam_24_68_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -78.837+/-1.852 χ^2/NDF : 10.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -80.191+/-2.038 χ^2/NDF : 63.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

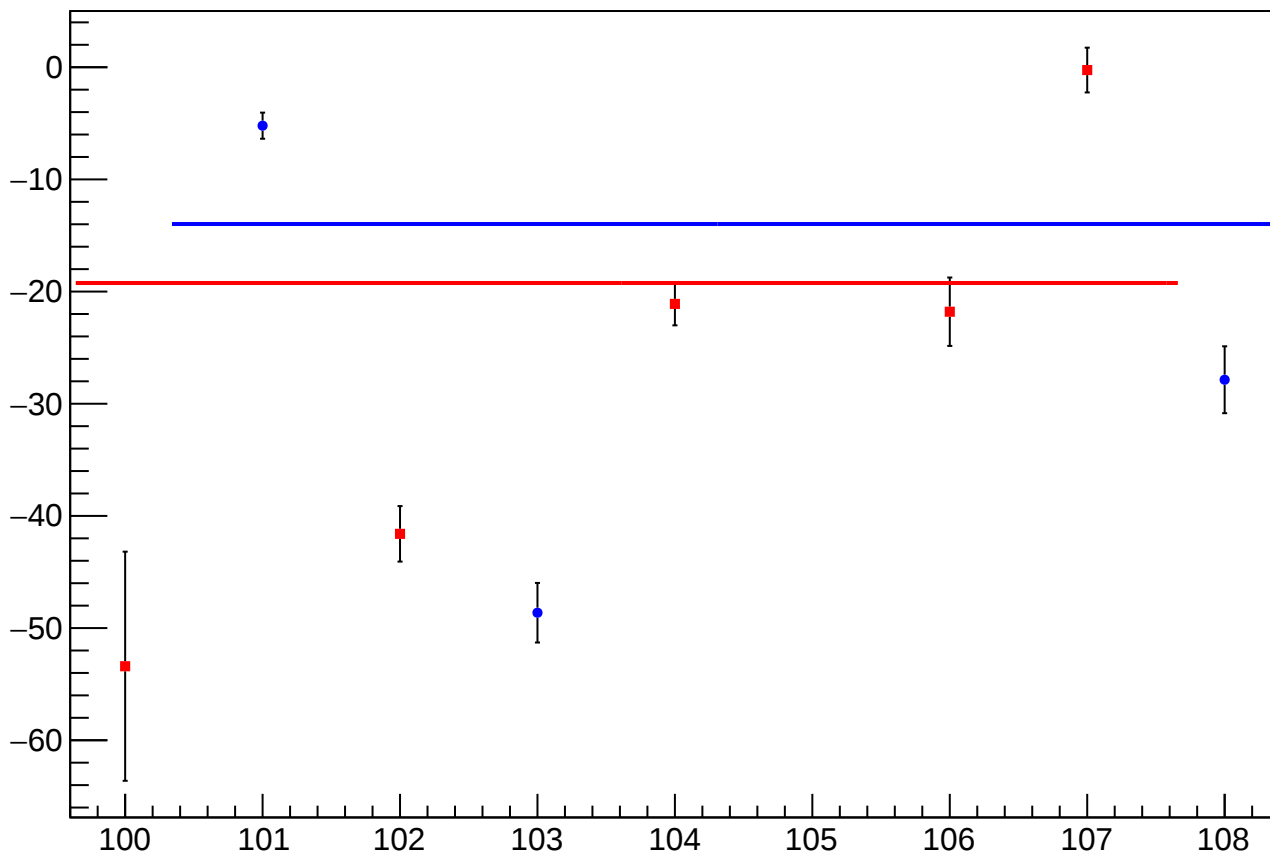
Right: -79.450+/-1.371 χ^2/NDF : 74.7/7

In: -78.837+/-1.852 χ^2/NDF : 10.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -79.450+/-1.371 χ^2/NDF : 74.7/7

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -13.978 ± 1.004 $\chi^2/\text{NDF}: 248.5/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -19.235 ± 1.114 $\chi^2/\text{NDF}: 185.0/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

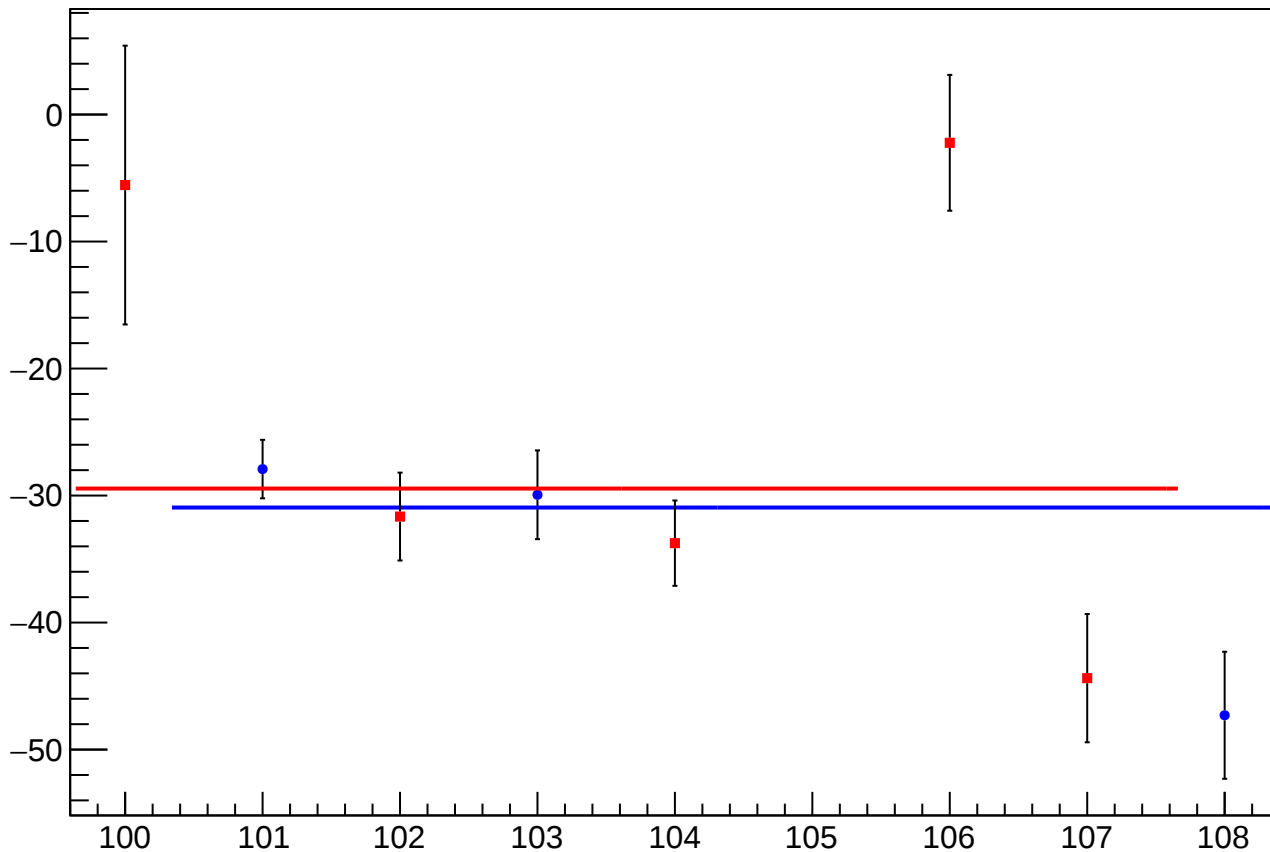
Right: -16.333 ± 0.746 $\chi^2/\text{NDF}: 445.8/7$

In: -13.978 ± 1.004 $\chi^2/\text{NDF}: 248.5/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -16.333 ± 0.746 $\chi^2/\text{NDF}: 445.8/7$

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -30.943+/-1.794 χ^2/NDF : 12.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.449+/-1.982 χ^2/NDF : 41.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

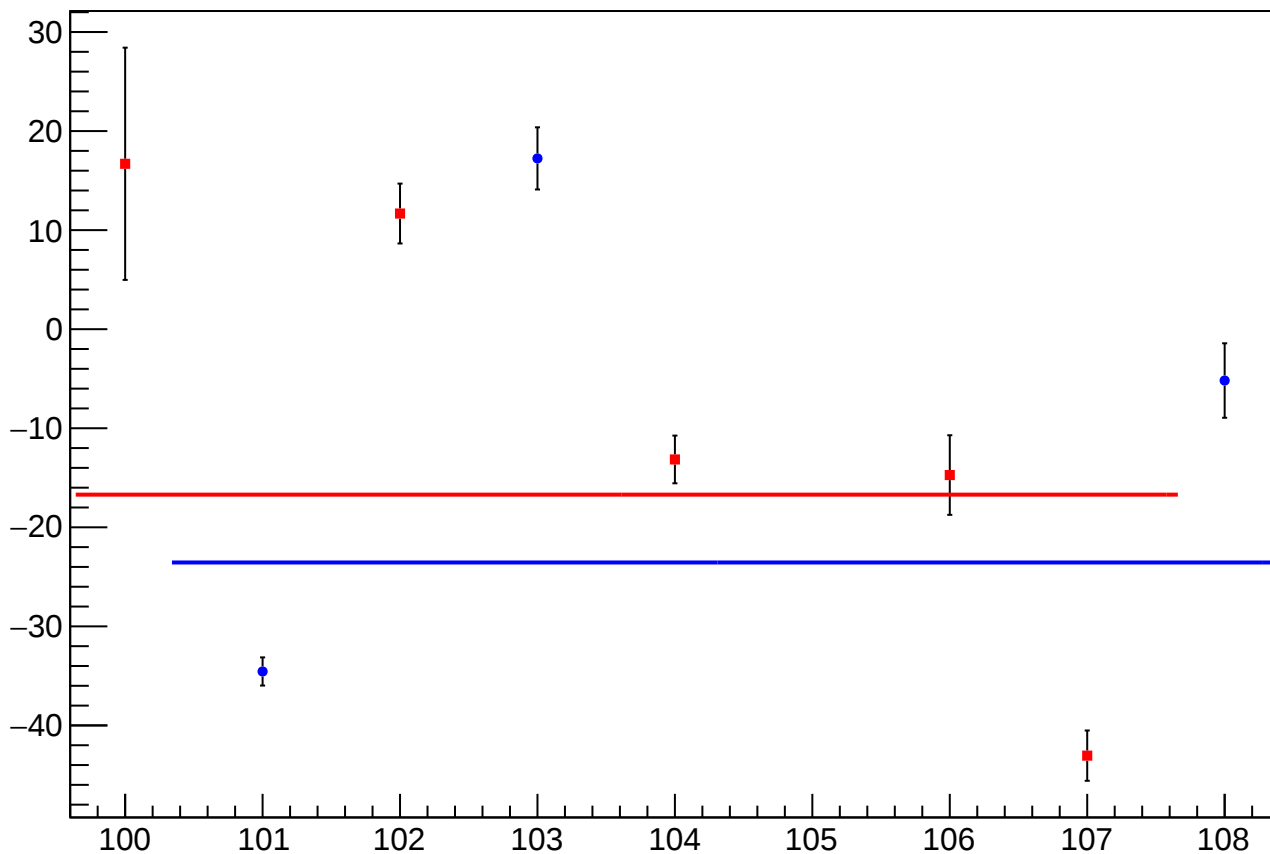
Right: -30.270+/-1.330 χ^2/NDF : 54.3/7

In: -30.943+/-1.794 χ^2/NDF : 12.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.270+/-1.330 χ^2/NDF : 54.3/7

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -23.551 $\pm$ 1.224 χ^2 /NDF: 252.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -16.702 $\pm$ 1.405 χ^2 /NDF: 206.5/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

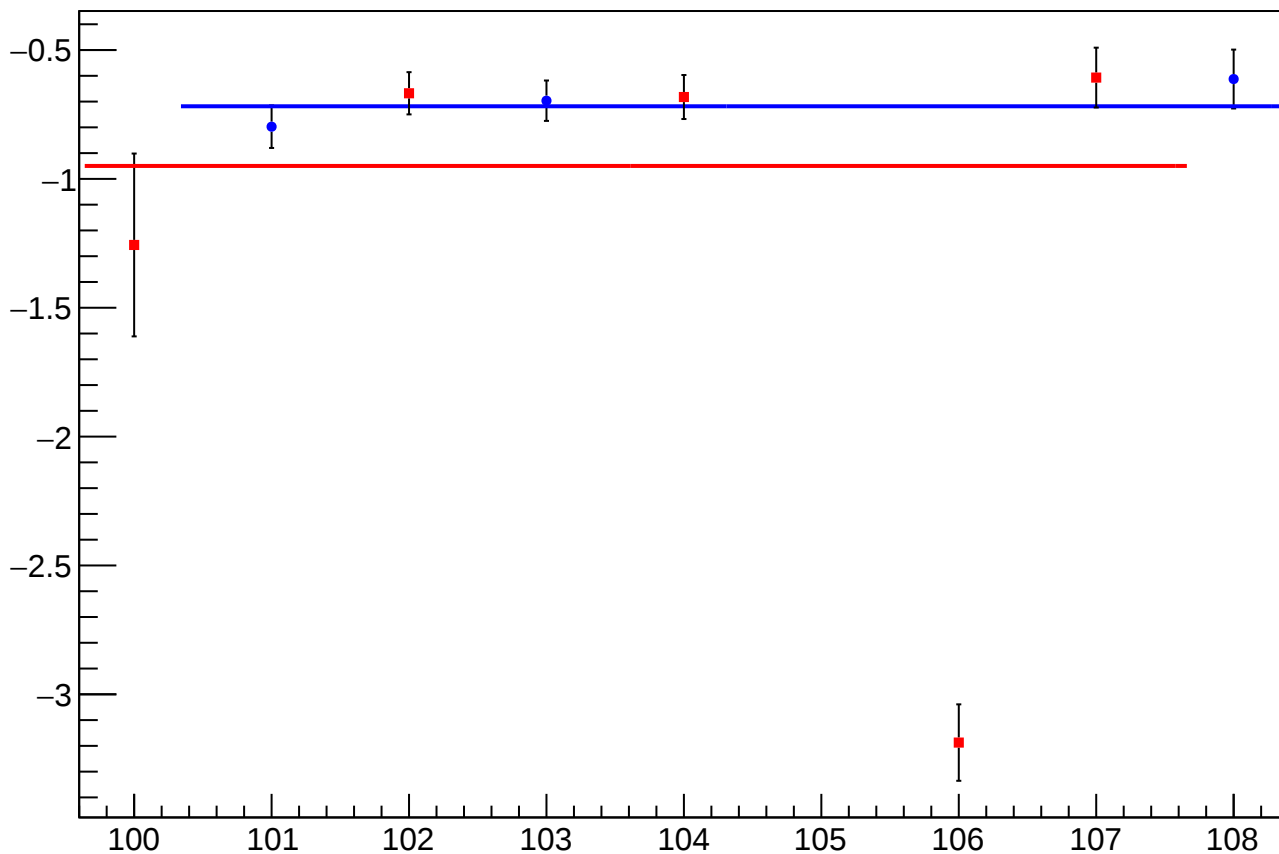
Right: -20.595 $\pm$ 0.923 χ^2 /NDF: 472.8/7

In: -23.551 $\pm$ 1.224 χ^2 /NDF:252.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -20.595 $\pm$ 0.923 χ^2 /NDF: 472.8/7

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.718 $\pm$ 0.051 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.950 $\pm$ 0.049 χ^2 /NDF: 258.7/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

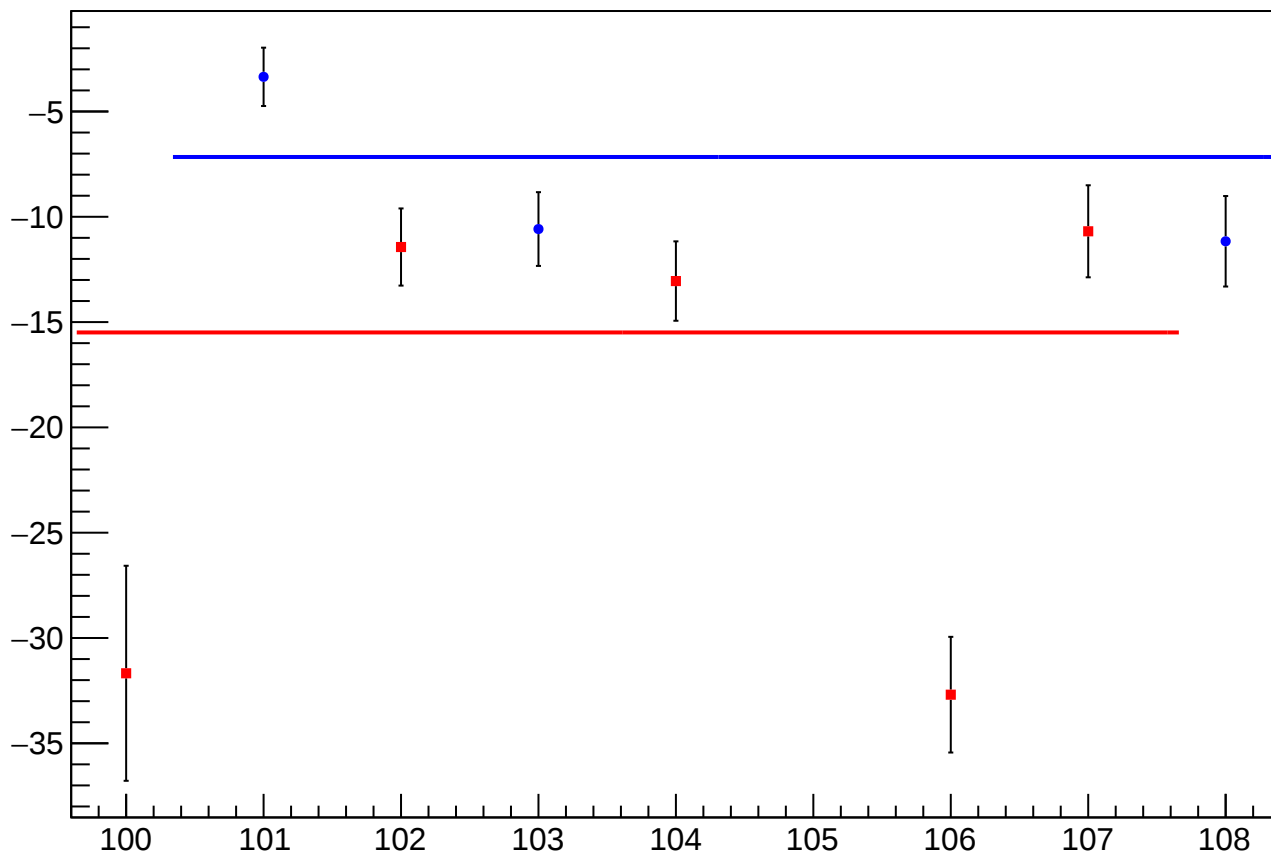
Right: -0.838 $\pm$ 0.035 χ^2 /NDF: 271.2/7

In: -0.718 $\pm$ 0.051 χ^2 /NDF: 1.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.838 $\pm$ 0.035 χ^2 /NDF: 271.2/7

reg_asym_sam_26_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -7.160+/-0.969 χ^2/NDF : 14.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.492+/-1.021 χ^2/NDF : 60.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

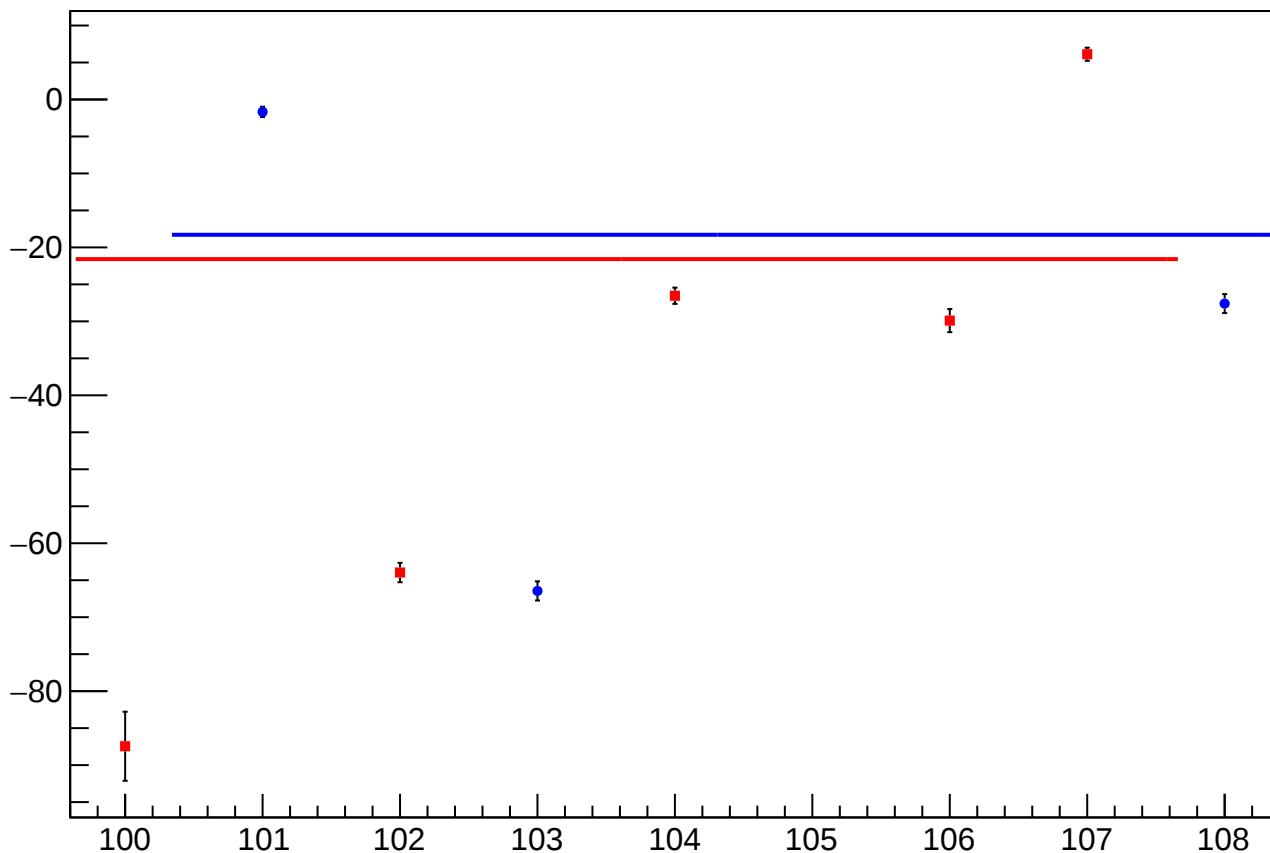
Right: -11.112+/-0.703 χ^2/NDF : 110.5/7

In: -7.160+/-0.969 χ^2/NDF : 14.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.112+/-0.703 χ^2/NDF : 110.5/7

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -18.293+/-0.552 χ^2/NDF : 2012.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.581+/-0.565 χ^2/NDF : 2266.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

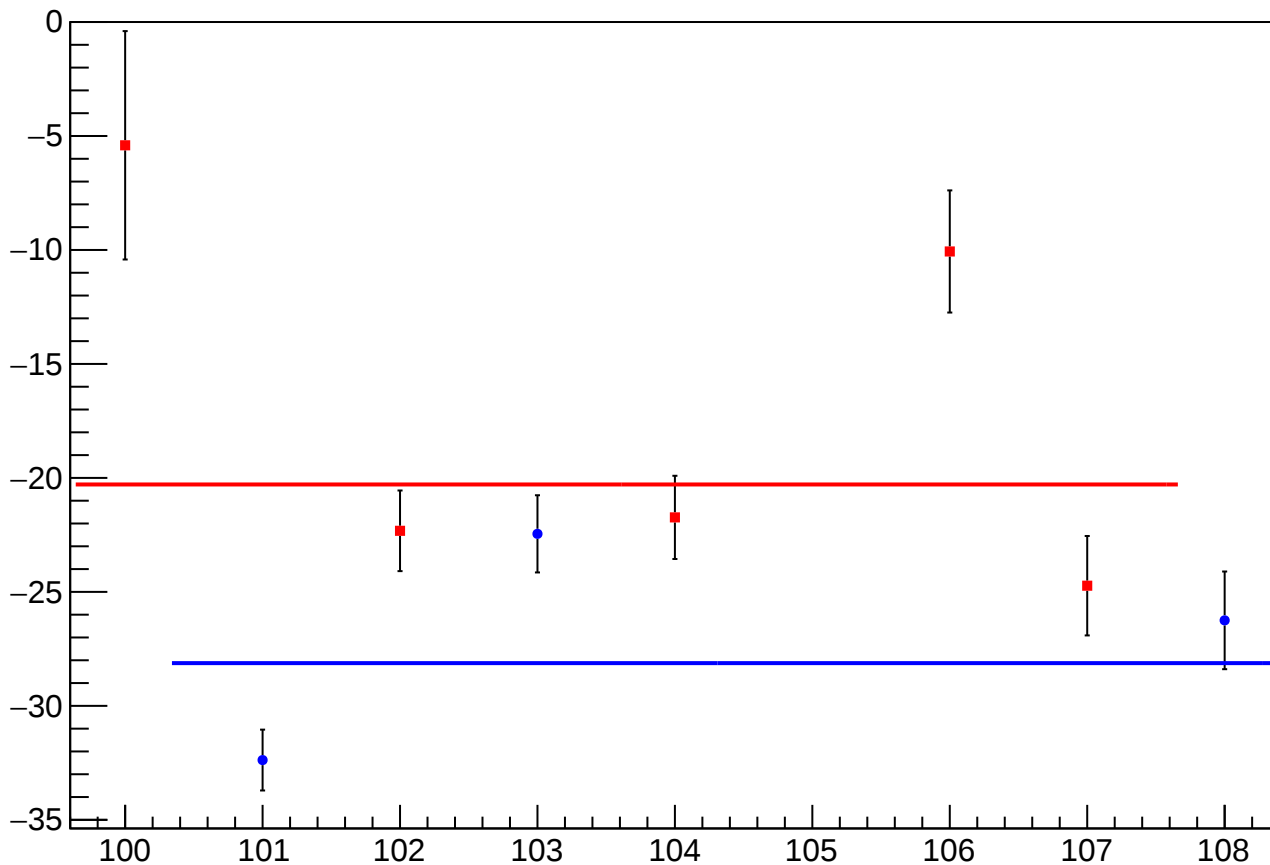
Right: -19.900+/-0.395 χ^2/NDF : 4296.0/7

In: -18.293+/-0.552 χ^2/NDF : 2012.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.900+/-0.395 χ^2/NDF : 4296.0/7

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -28.125 ± 0.942 χ^2/NDF : 22.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -20.288 ± 0.995 χ^2/NDF : 29.5/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

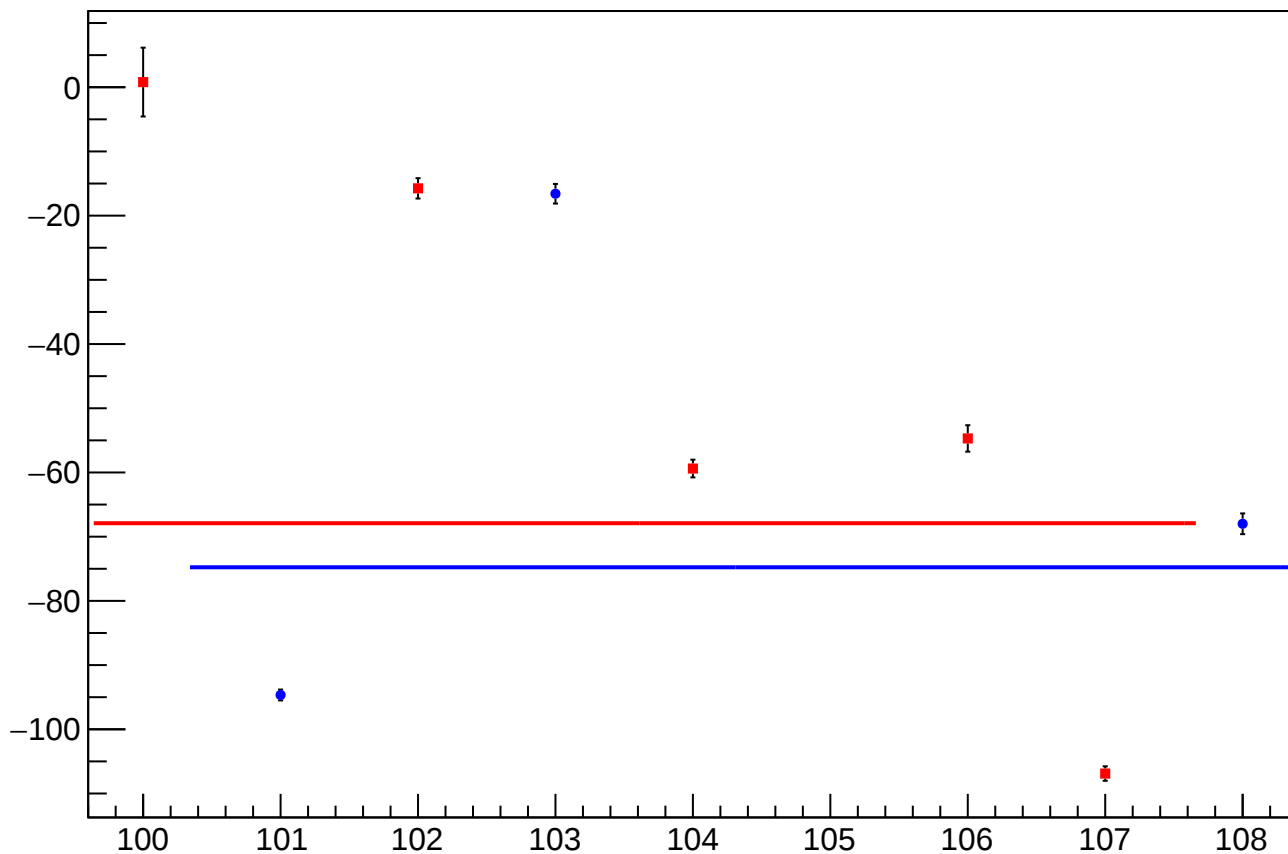
Right: -24.424 ± 0.684 χ^2/NDF : 84.3/7

In: -28.125 ± 0.942 χ^2/NDF : 22.1/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -24.424 ± 0.684 χ^2/NDF : 84.3/7

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -74.767 $\pm$ 0.675 χ^2 /NDF: 2017.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -67.903 $\pm$ 0.711 χ^2 /NDF: 2517.8/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

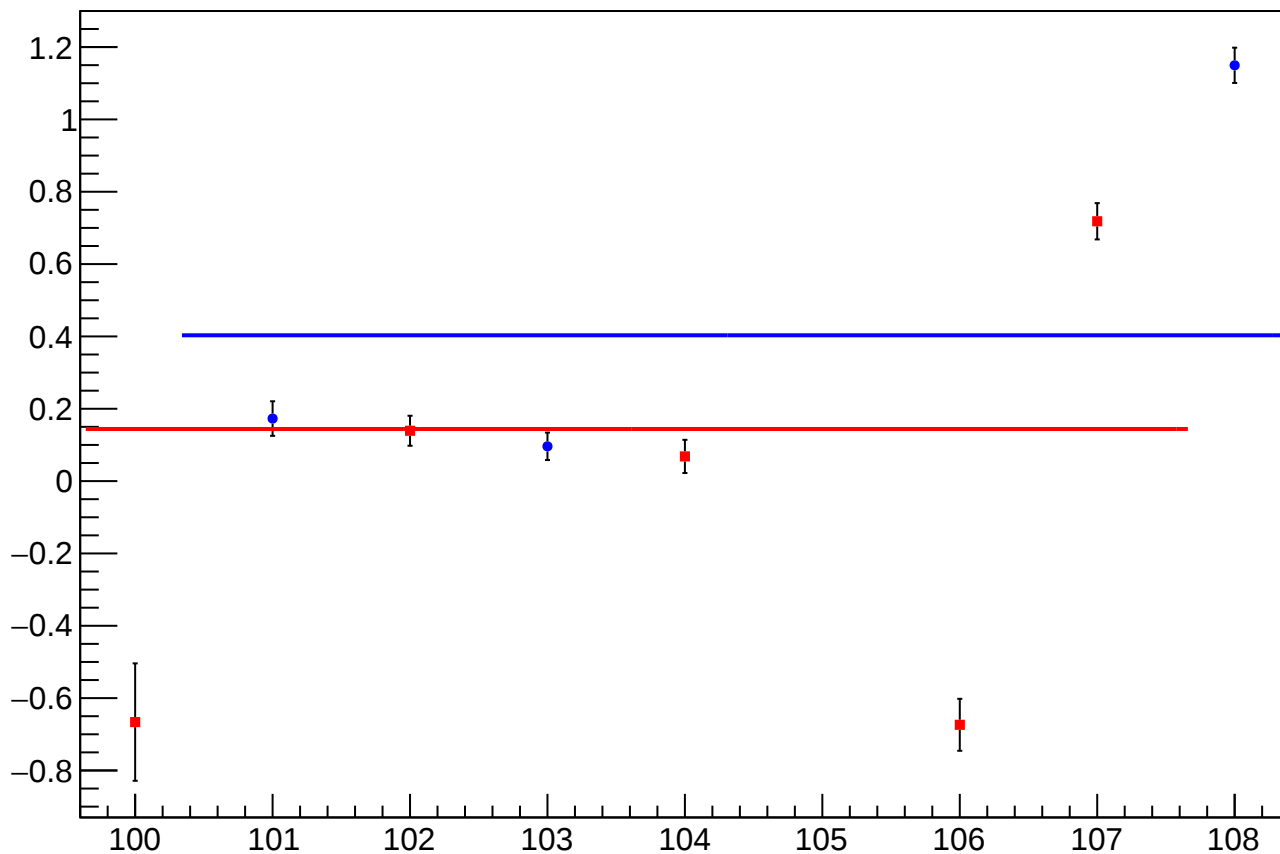
Right: -71.513 $\pm$ 0.489 χ^2 /NDF: 4584.0/7

In: -74.767 $\pm$ 0.675 χ^2 /NDF: 2017.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -71.513 $\pm$ 0.489 χ^2 /NDF: 4584.0/7

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.403+/-0.025 χ^2/NDF : 322.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.144+/-0.024 χ^2/NDF : 288.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

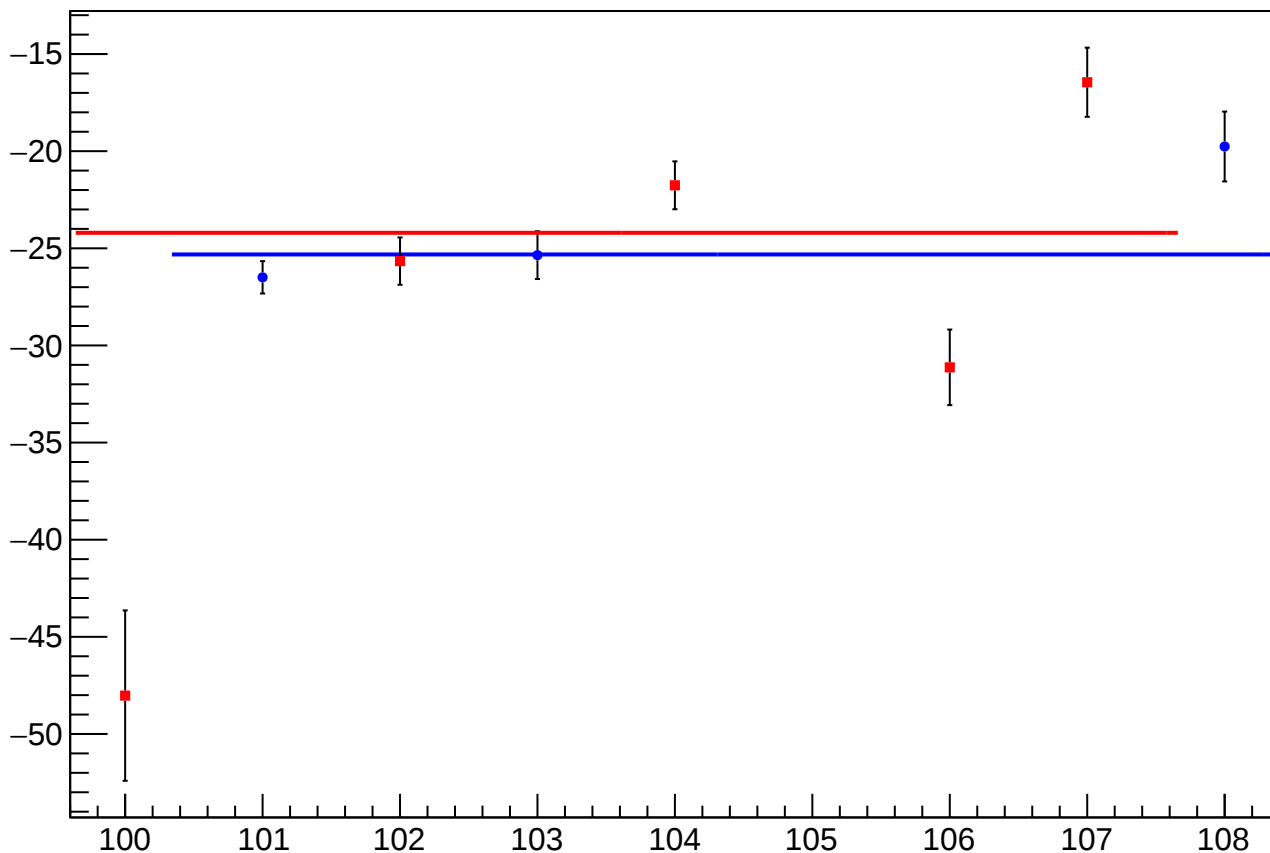
Right: 0.268+/-0.018 χ^2/NDF : 665.4/7

In: 0.403+/-0.025 χ^2/NDF : 322.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.268+/-0.018 χ^2/NDF : 665.4/7

reg_asym_sam_1357_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -25.316+/-0.644 χ^2/NDF : 11.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.201+/-0.713 χ^2/NDF : 66.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

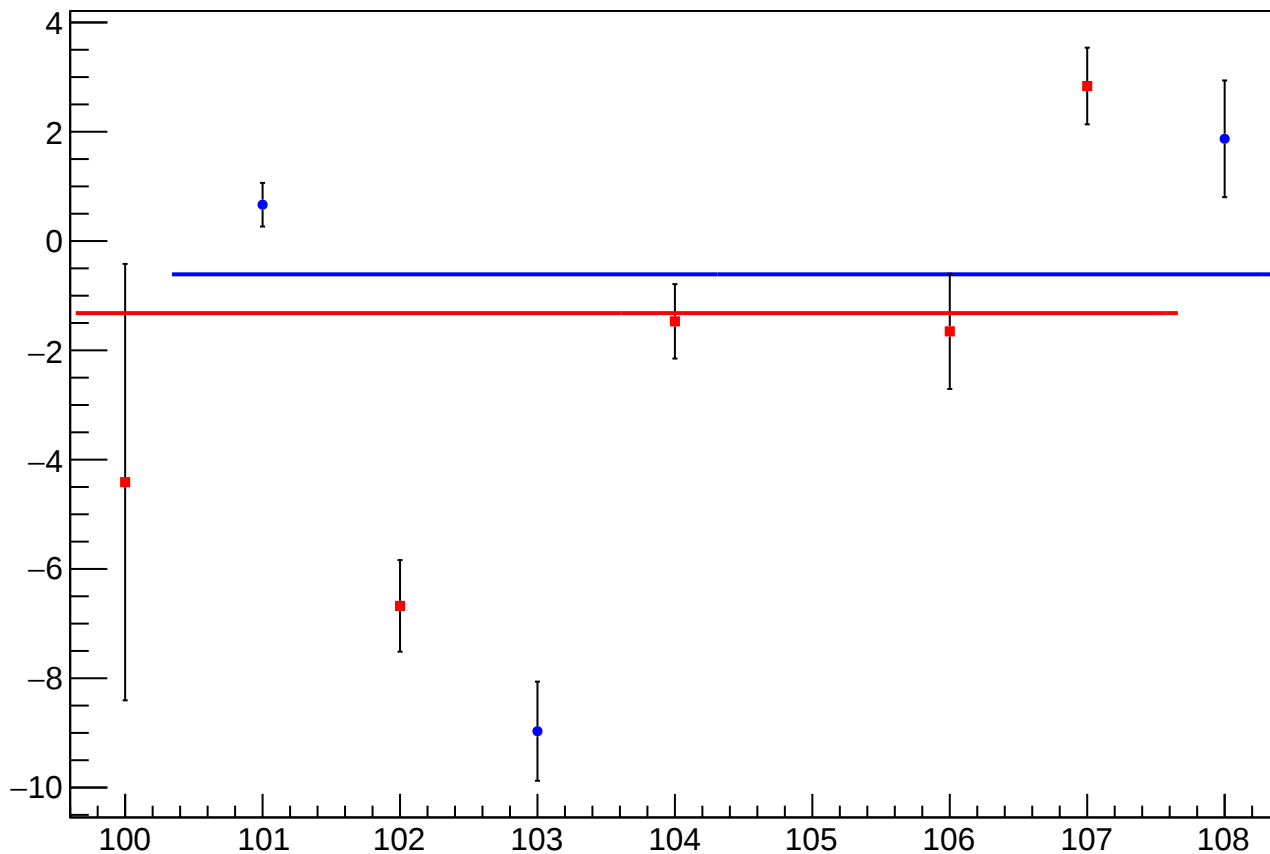
Right: -24.816+/-0.478 χ^2/NDF : 79.4/7

In: -25.316+/-0.644 χ^2/NDF : 11.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.816+/-0.478 χ^2/NDF : 79.4/7

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.609 ± 0.346 $\chi^2/\text{NDF}: 100.4/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.319 ± 0.390 $\chi^2/\text{NDF}: 76.7/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

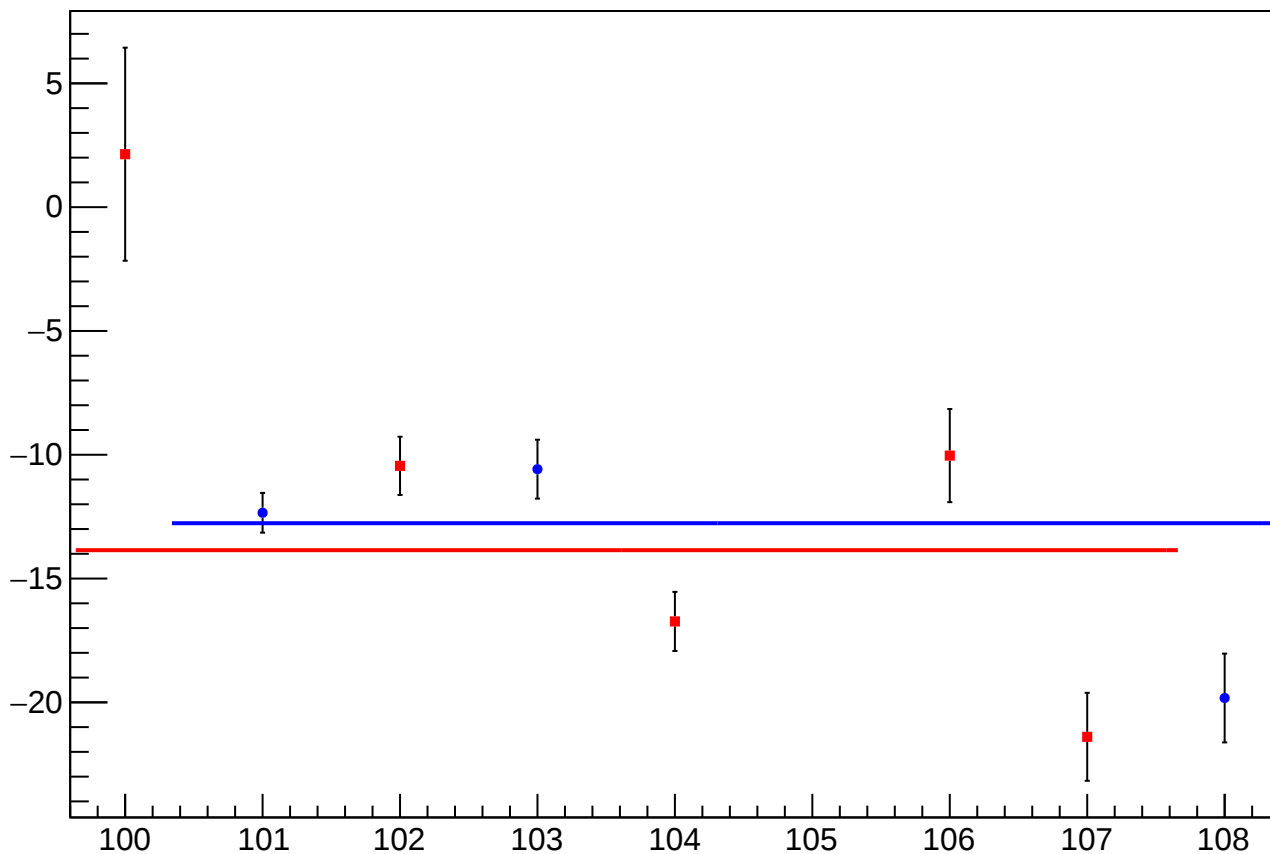
Right: -0.922 ± 0.259 $\chi^2/\text{NDF}: 179.0/7$

In: -0.609 ± 0.346 $\chi^2/\text{NDF}: 100.4/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.922 ± 0.259 $\chi^2/\text{NDF}: 179.0/7$

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -12.764 $\pm$ 0.624 χ^2 /NDF: 19.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -13.854 $\pm$ 0.694 χ^2 /NDF: 50.1/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

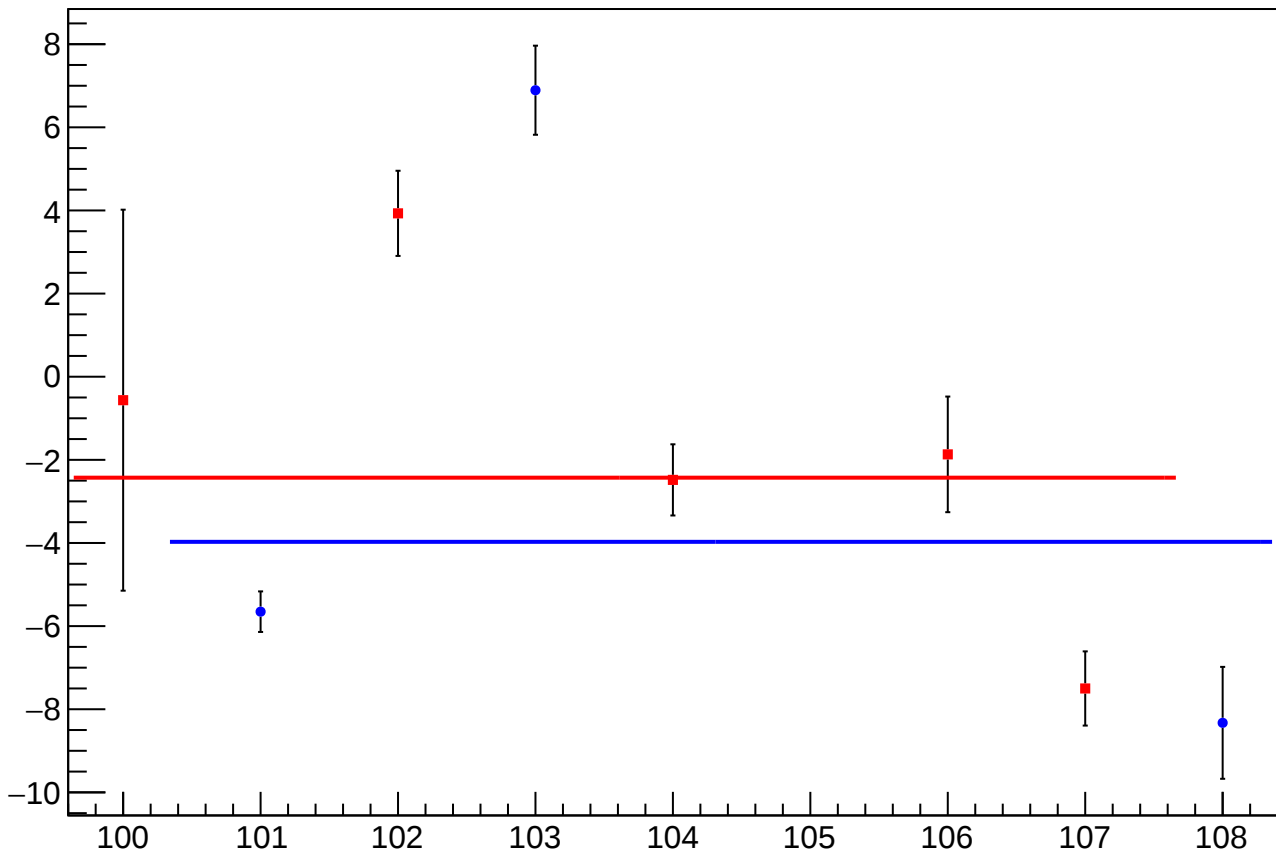
Right: -13.252 $\pm$ 0.464 χ^2 /NDF: 70.7/7

In: -12.764 $\pm$ 0.624 χ^2 /NDF: 19.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -13.252 $\pm$ 0.464 χ^2 /NDF: 70.7/7

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -3.973+/-0.422 χ^2/NDF : 125.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.429+/-0.492 χ^2/NDF : 71.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

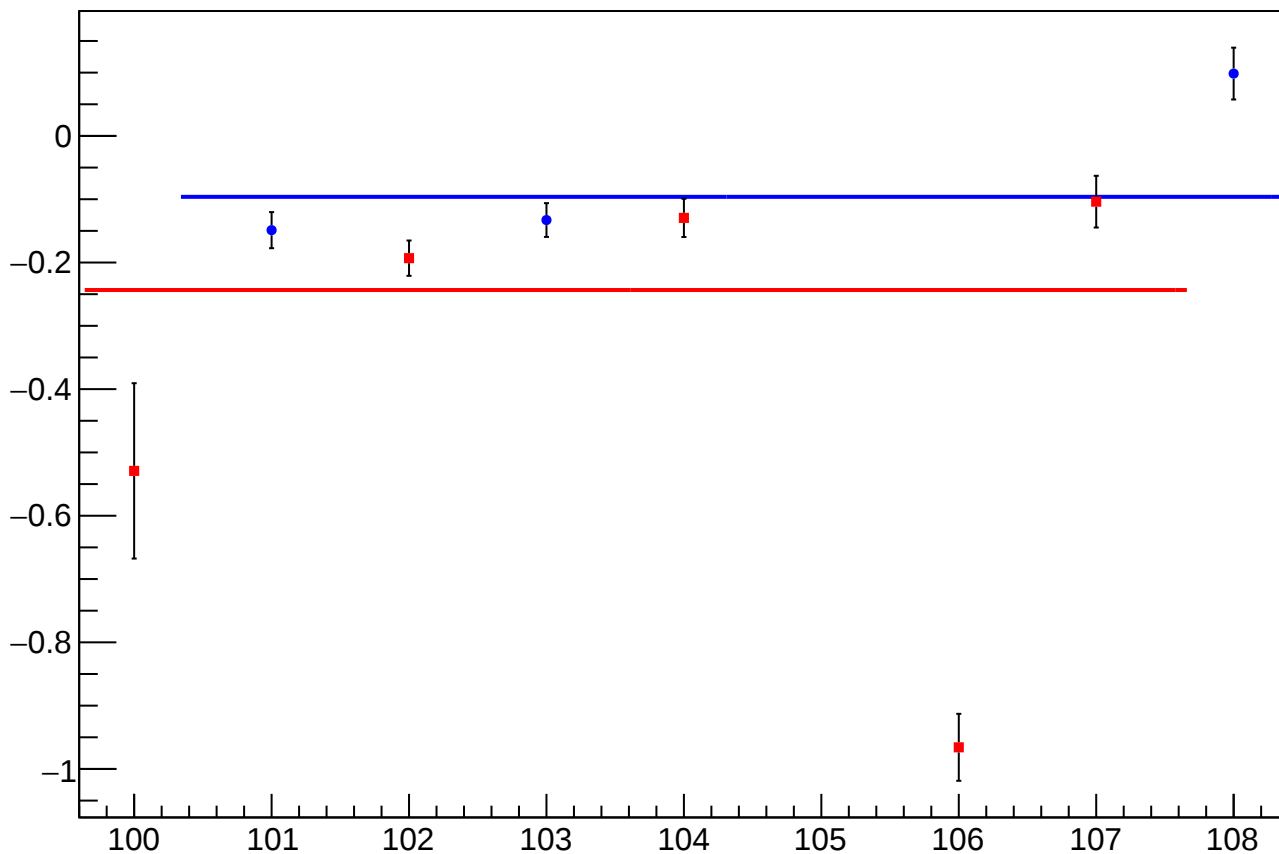
Right: -3.318+/-0.320 χ^2/NDF : 201.9/7

In: -3.973+/-0.422 χ^2/NDF : 125.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.318+/-0.320 χ^2/NDF : 201.9/7

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.096+/-0.018 χ^2/NDF : 27.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.243+/-0.017 χ^2/NDF : 219.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

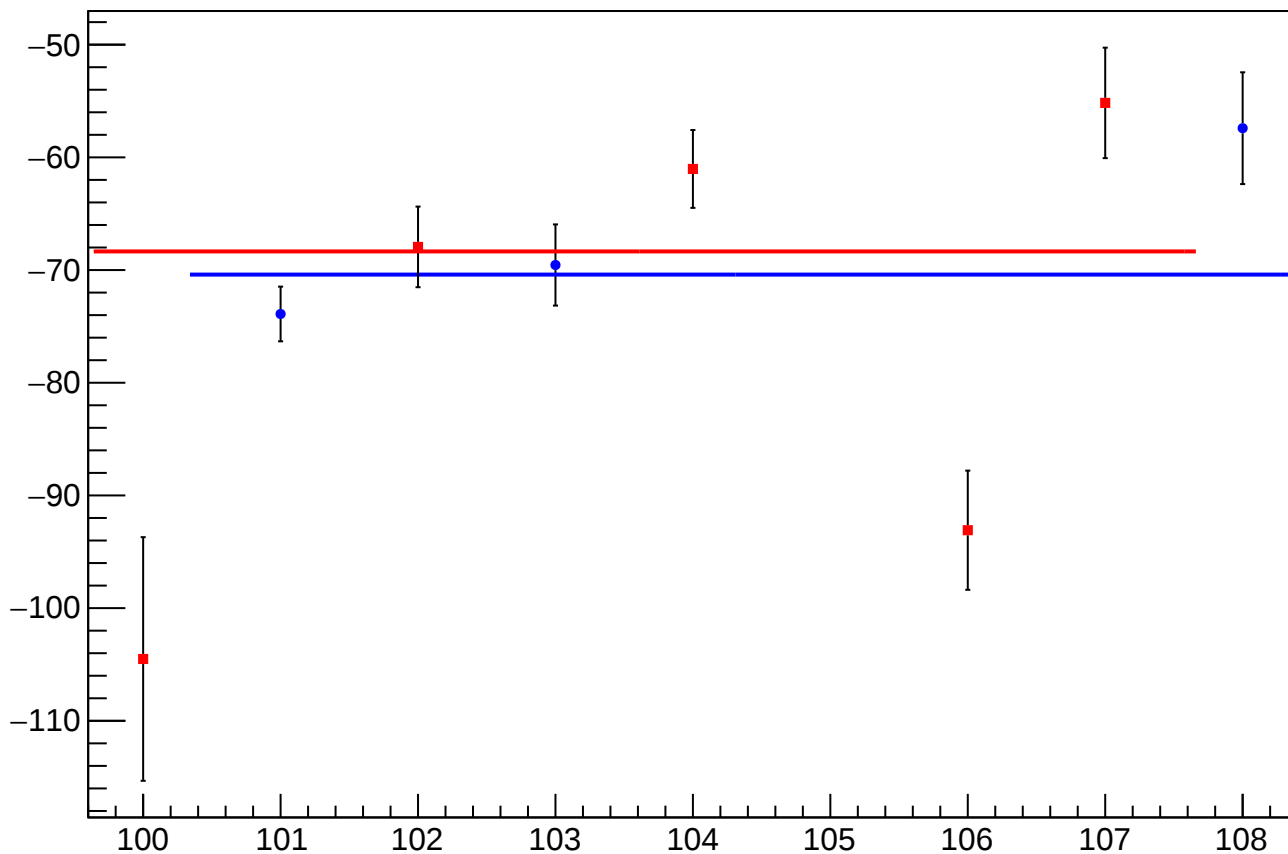
Right: -0.172+/-0.012 χ^2/NDF : 283.7/7

In: -0.096+/-0.018 χ^2/NDF : 27.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.172+/-0.012 χ^2/NDF : 283.7/7

reg_asym_sam_2468_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -70.402 $\pm$ 1.865 χ^2 /NDF: 9.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -68.348 $\pm$ 2.008 χ^2 /NDF: 44.8/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

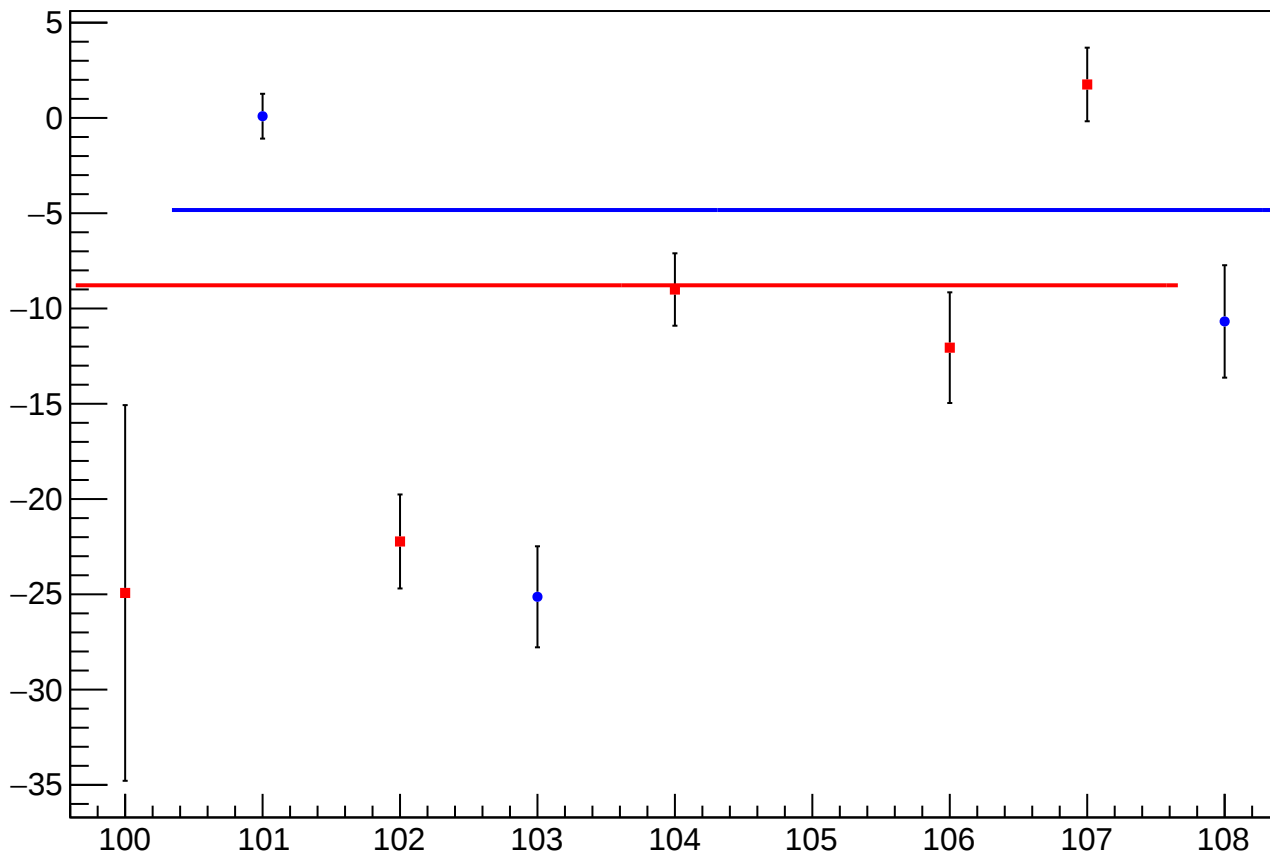
Right: -69.451 $\pm$ 1.367 χ^2 /NDF: 54.4/7

In: -70.402 $\pm$ 1.865 χ^2 /NDF: 9.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -69.451 $\pm$ 1.367 χ^2 /NDF: 54.4/7

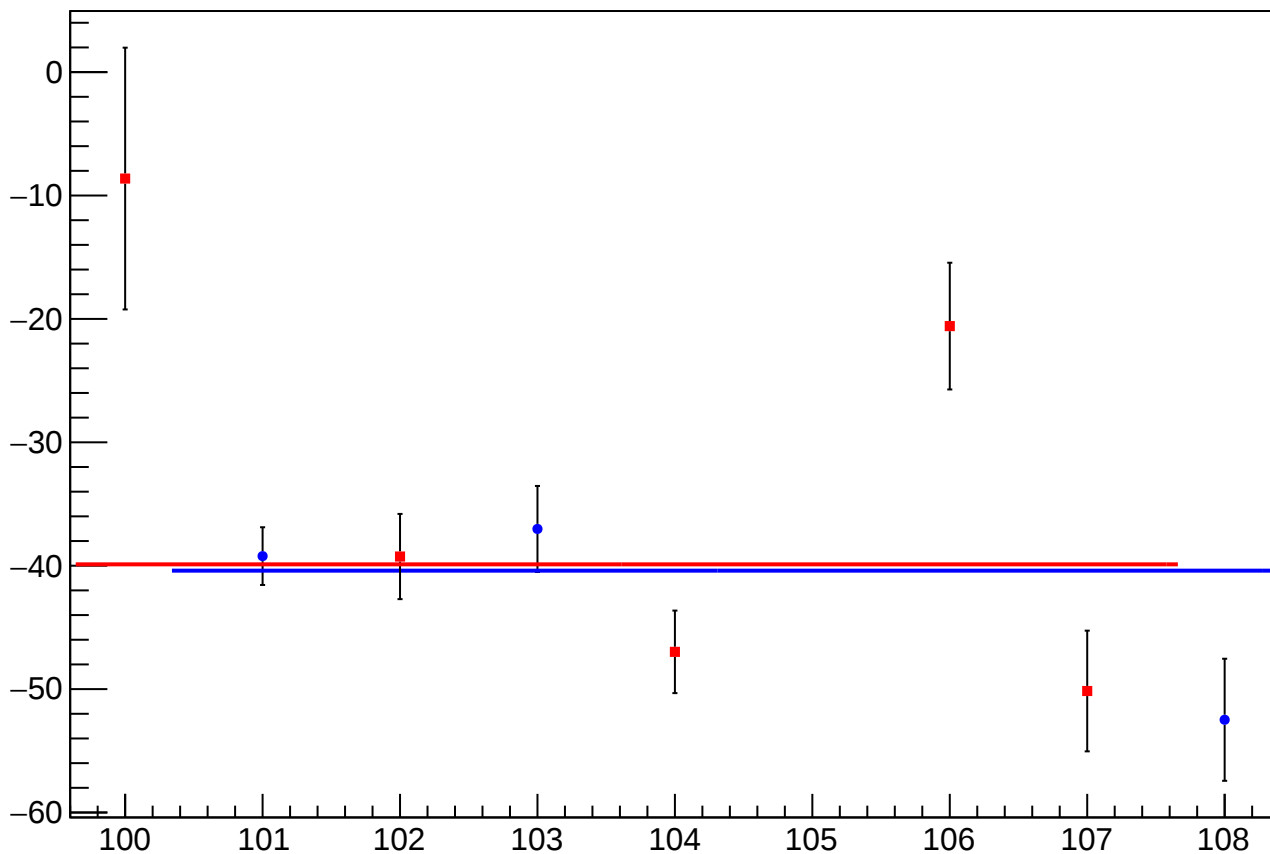
reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.832 ± 1.010 $\chi^2/\text{NDF}: 80.1/2$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -8.783 ± 1.092 $\chi^2/\text{NDF}: 63.5/4$
 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: -6.654 ± 0.742 $\chi^2/\text{NDF}: 150.6/7$
 In: -4.832 ± 1.010 $\chi^2/\text{NDF}: 80.1/2$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -6.654 ± 0.742 $\chi^2/\text{NDF}: 150.6/7$

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -40.401 $\pm$ 1.807 χ^2 /NDF: 7.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -39.889 $\pm$ 1.954 χ^2 /NDF: 31.8/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

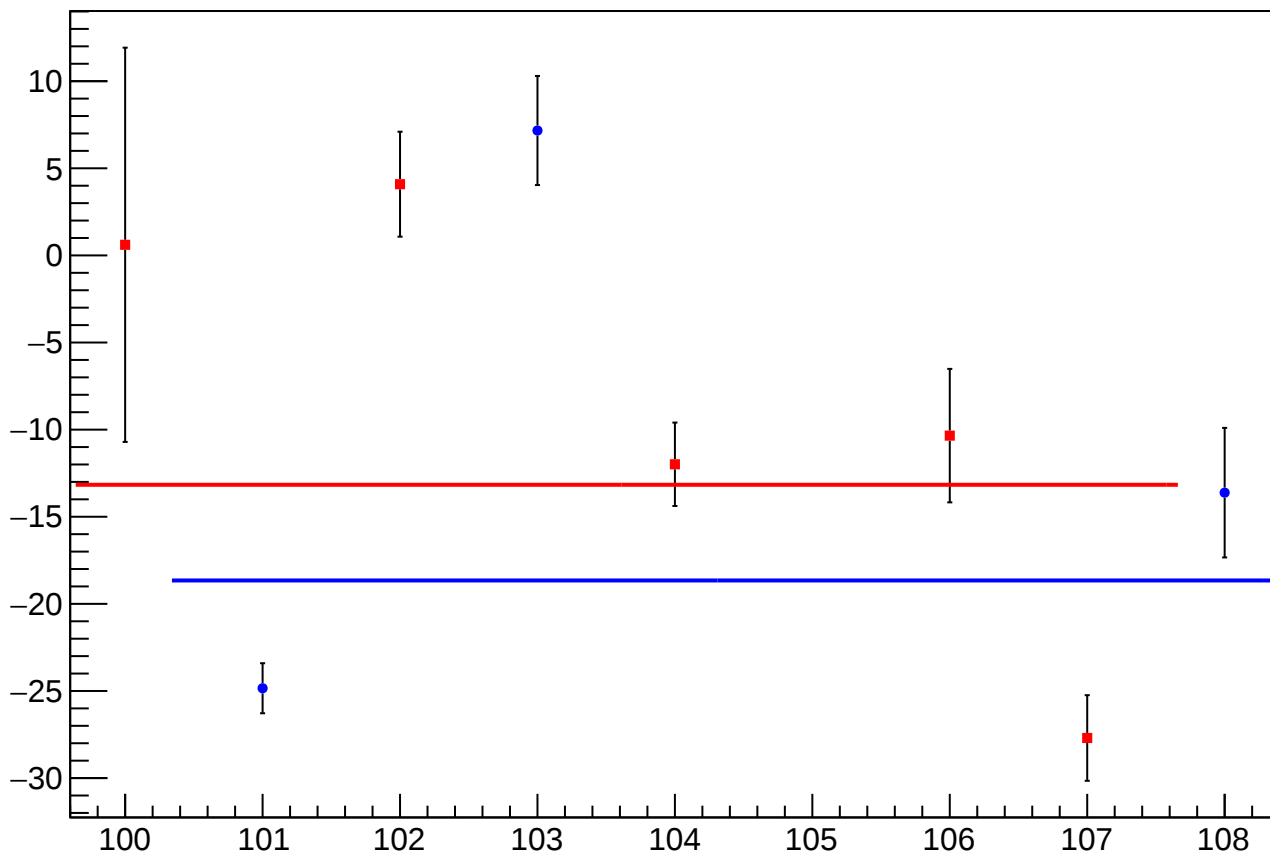
Right: -40.165 $\pm$ 1.327 χ^2 /NDF: 39.0/7

In: -40.401 $\pm$ 1.807 χ^2 /NDF: 7.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -40.165 $\pm$ 1.327 χ^2 /NDF: 39.0/7

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -18.658 $\pm$ 1.232 χ^2 /NDF: 88.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -13.165 $\pm$ 1.378 χ^2 /NDF: 70.0/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

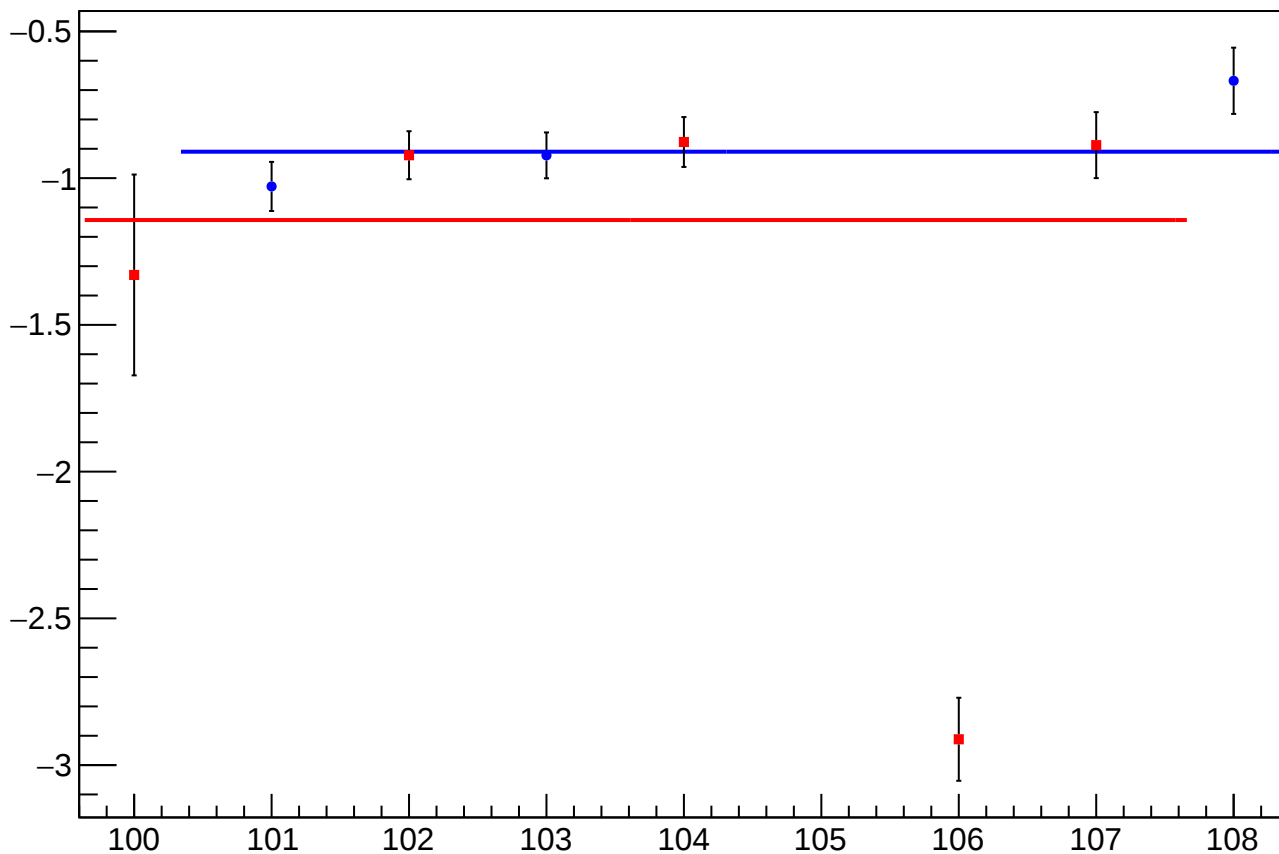
Right: -16.219 $\pm$ 0.918 χ^2 /NDF: 167.3/7

In: -18.658 $\pm$ 1.232 χ^2 /NDF: 88.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -16.219 $\pm$ 0.918 χ^2 /NDF: 167.3/7

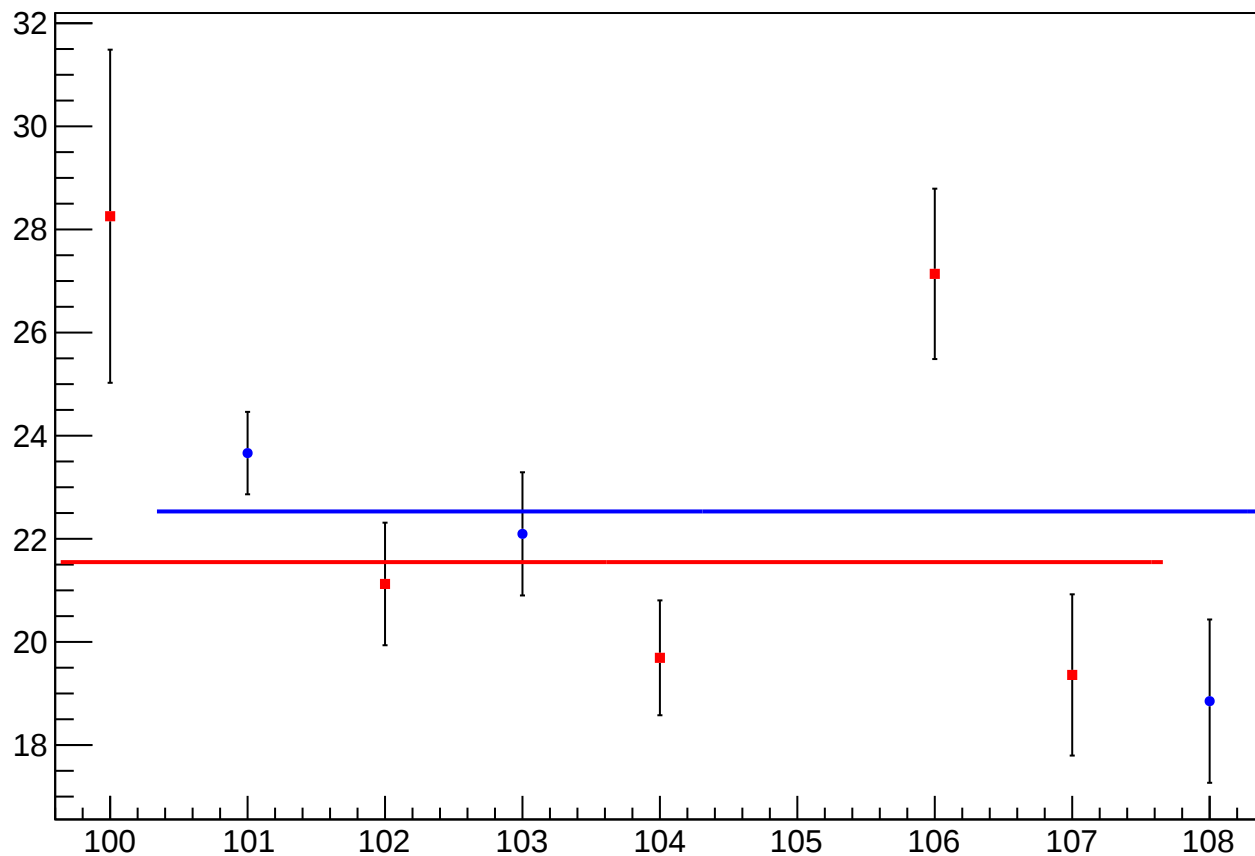
reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.910+/-0.051 χ^2/NDF : 6.6/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1.143+/-0.048 χ^2/NDF : 179.0/4
 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+/-0.035 χ^2/NDF : 196.5/7
 In: -0.910+/-0.051 χ^2/NDF : 6.6/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -1.032+/-0.035 χ^2/NDF : 196.5/7

reg_asym_sam_1357_2468_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 22.531 $\pm$ 0.613 χ^2 /NDF: 7.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.548 $\pm$ 0.648 χ^2 /NDF: 20.6/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

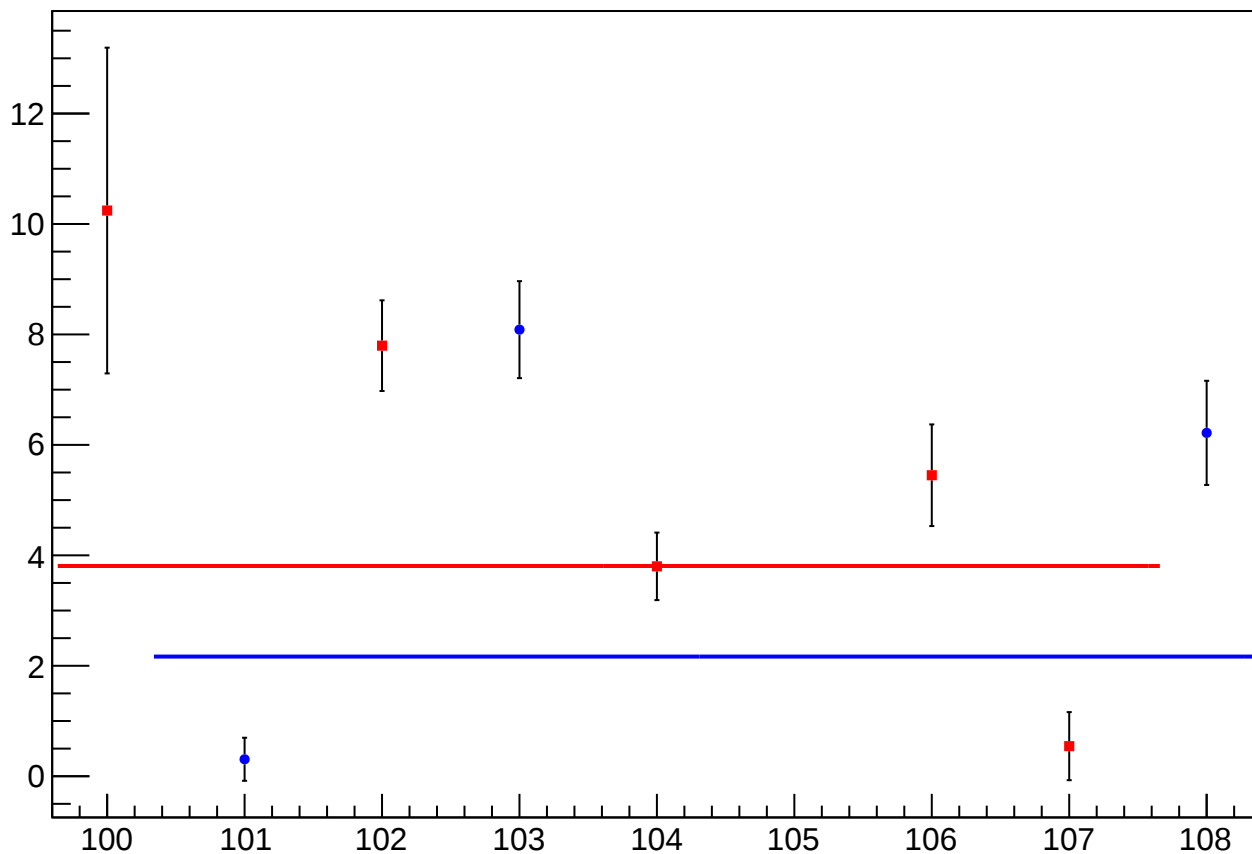
Right: 22.067 $\pm$ 0.445 χ^2 /NDF: 29.4/7

In: 22.531 $\pm$ 0.613 χ^2 /NDF: 7.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.067 $\pm$ 0.445 χ^2 /NDF: 29.4/7

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.167+/-0.333 χ^2/NDF : 86.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.807+/-0.352 χ^2/NDF : 59.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

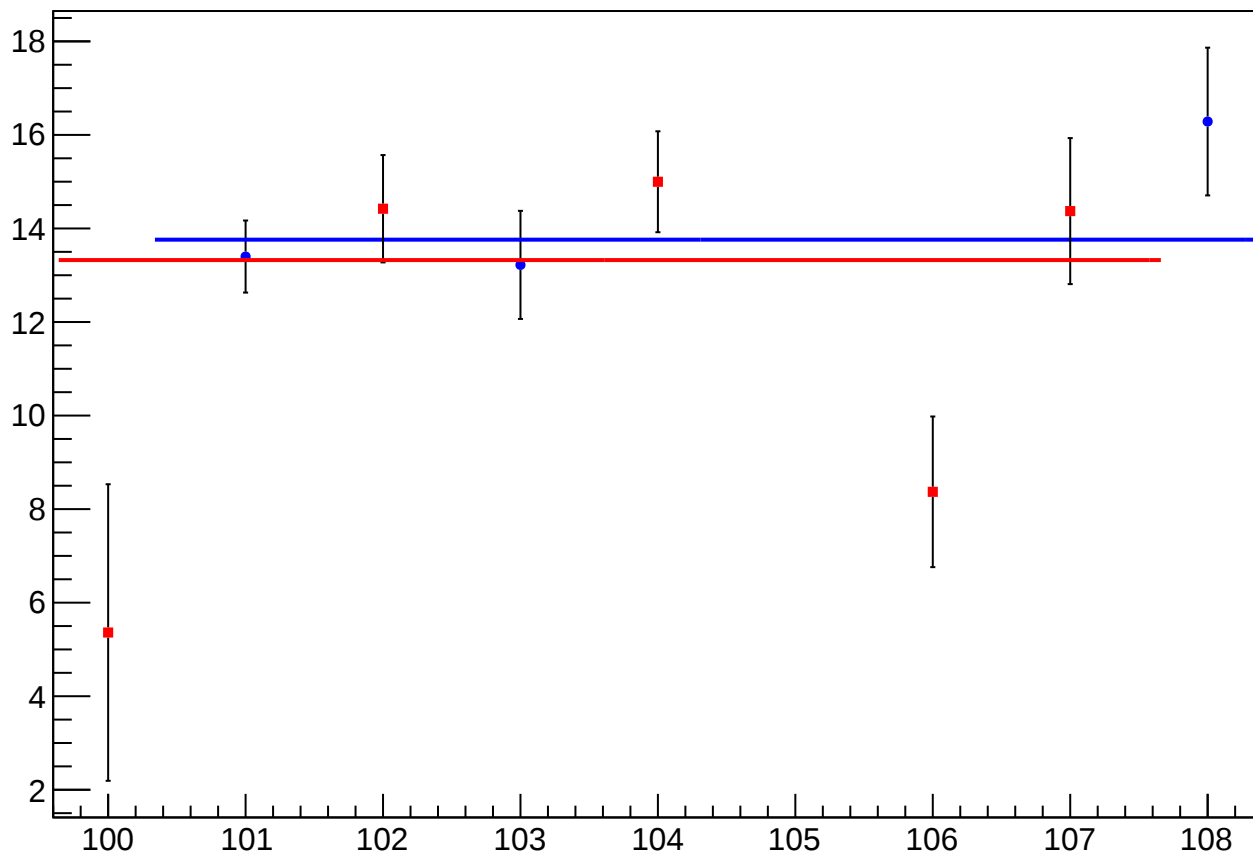
Right: 2.943+/-0.242 χ^2/NDF : 157.7/7

In: 2.167+/-0.333 χ^2/NDF : 86.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.943+/-0.242 χ^2/NDF : 157.7/7

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 13.761 $\pm$ 0.594 χ^2 /NDF: 3.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.324 $\pm$ 0.631 χ^2 /NDF: 19.6/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

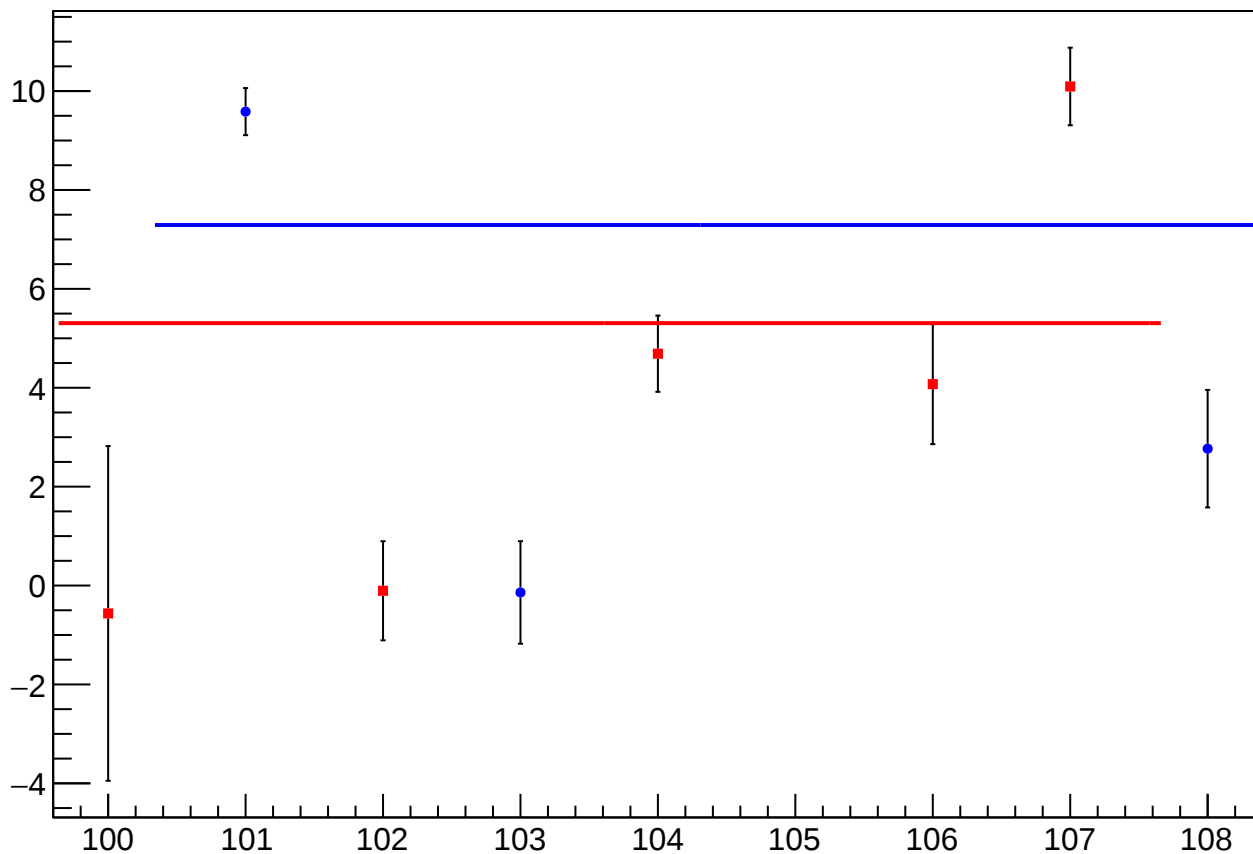
Right: 13.555 $\pm$ 0.432 χ^2 /NDF: 22.8/7

In: 13.761 $\pm$ 0.594 χ^2 /NDF: 3.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.555 $\pm$ 0.432 χ^2 /NDF: 22.8/7

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.291+/-0.407 χ^2/NDF : 89.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.307+/-0.444 χ^2/NDF : 71.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

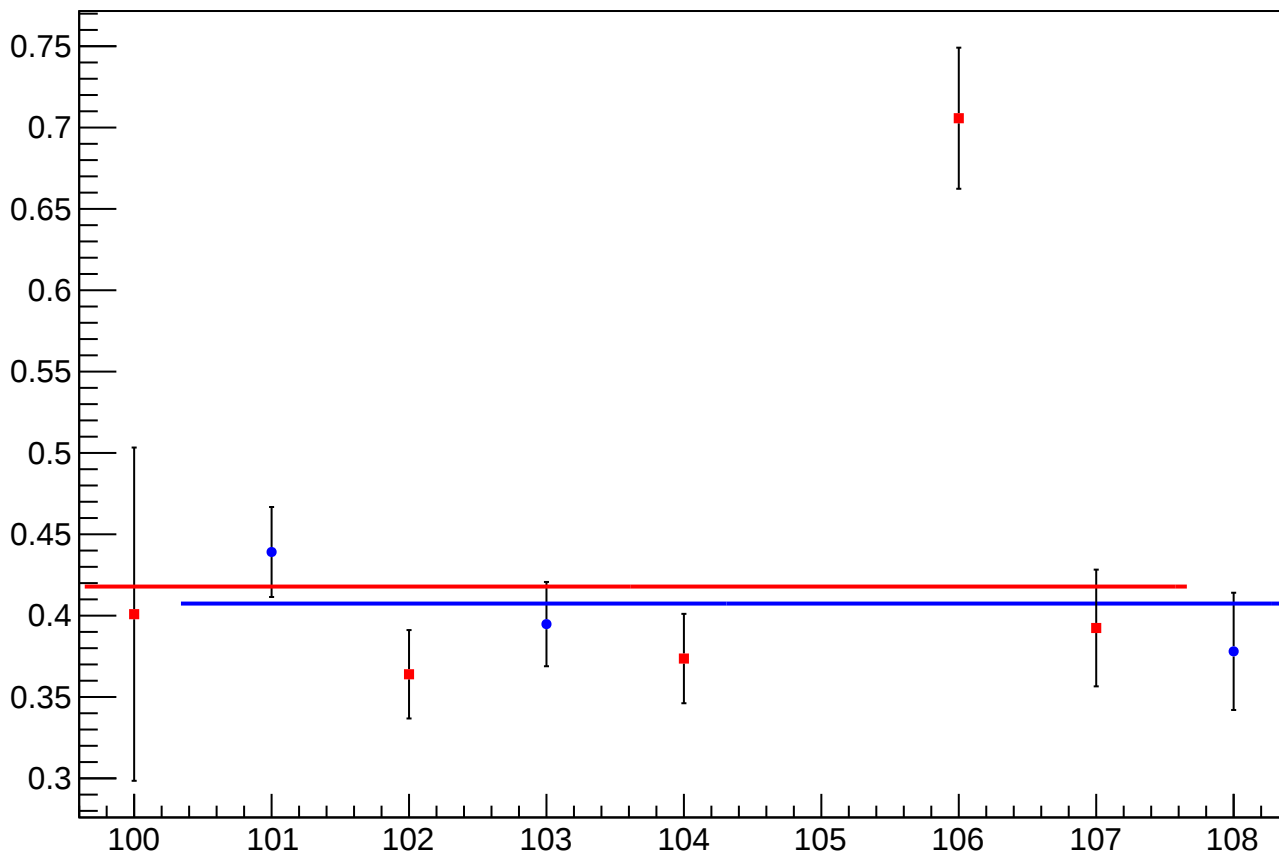
Right: 6.386+/-0.300 χ^2/NDF : 171.0/7

In: 7.291+/-0.407 χ^2/NDF : 89.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.386+/-0.300 χ^2/NDF : 171.0/7

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.407 $\pm$ 0.017 χ^2 /NDF: 2.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.418 $\pm$ 0.016 χ^2 /NDF: 51.1/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

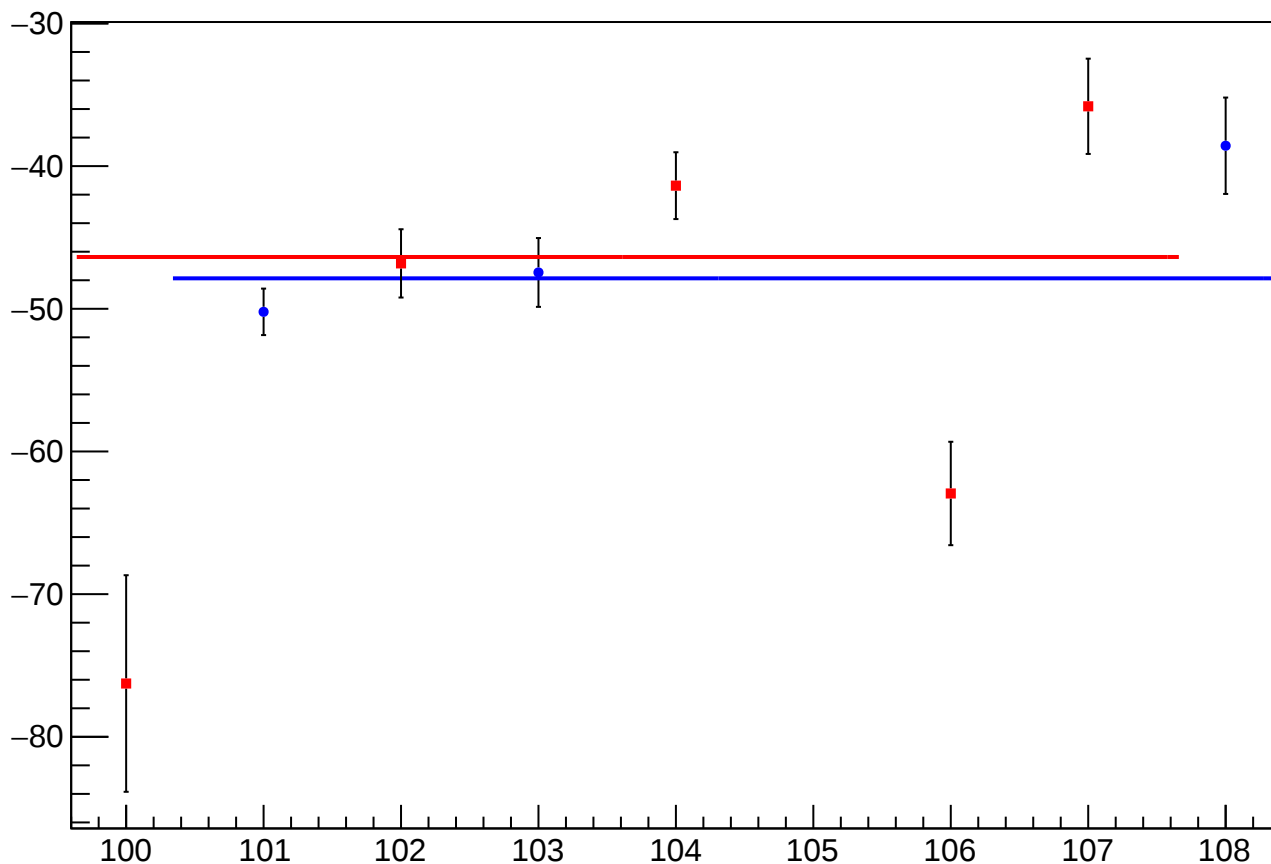
Right: 0.413 $\pm$ 0.011 χ^2 /NDF: 53.6/7

In: 0.407 $\pm$ 0.017 χ^2 /NDF: 2.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.413 $\pm$ 0.011 χ^2 /NDF: 53.6/7

reg_asym_sam_12345678_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -47.866 $\pm$ 1.253 χ^2 /NDF: 9.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -46.370 $\pm$ 1.361 χ^2 /NDF: 51.0/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

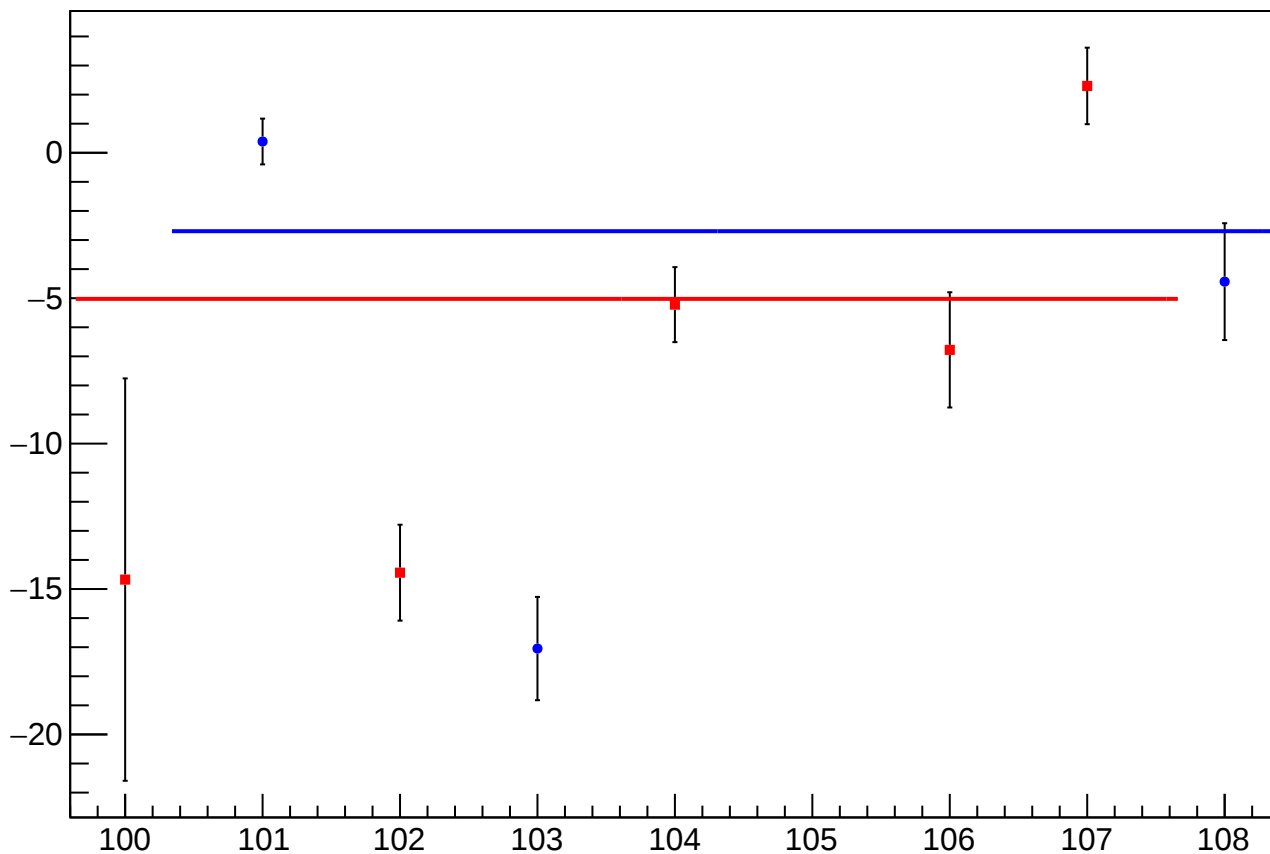
Right: -47.179 $\pm$ 0.922 χ^2 /NDF: 61.4/7

In: -47.866 $\pm$ 1.253 χ^2 /NDF: 9.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -47.179 $\pm$ 0.922 χ^2 /NDF: 61.4/7

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.696 $\pm$ 0.677 χ^2 /NDF: 81.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -5.024 $\pm$ 0.741 χ^2 /NDF: 66.3/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

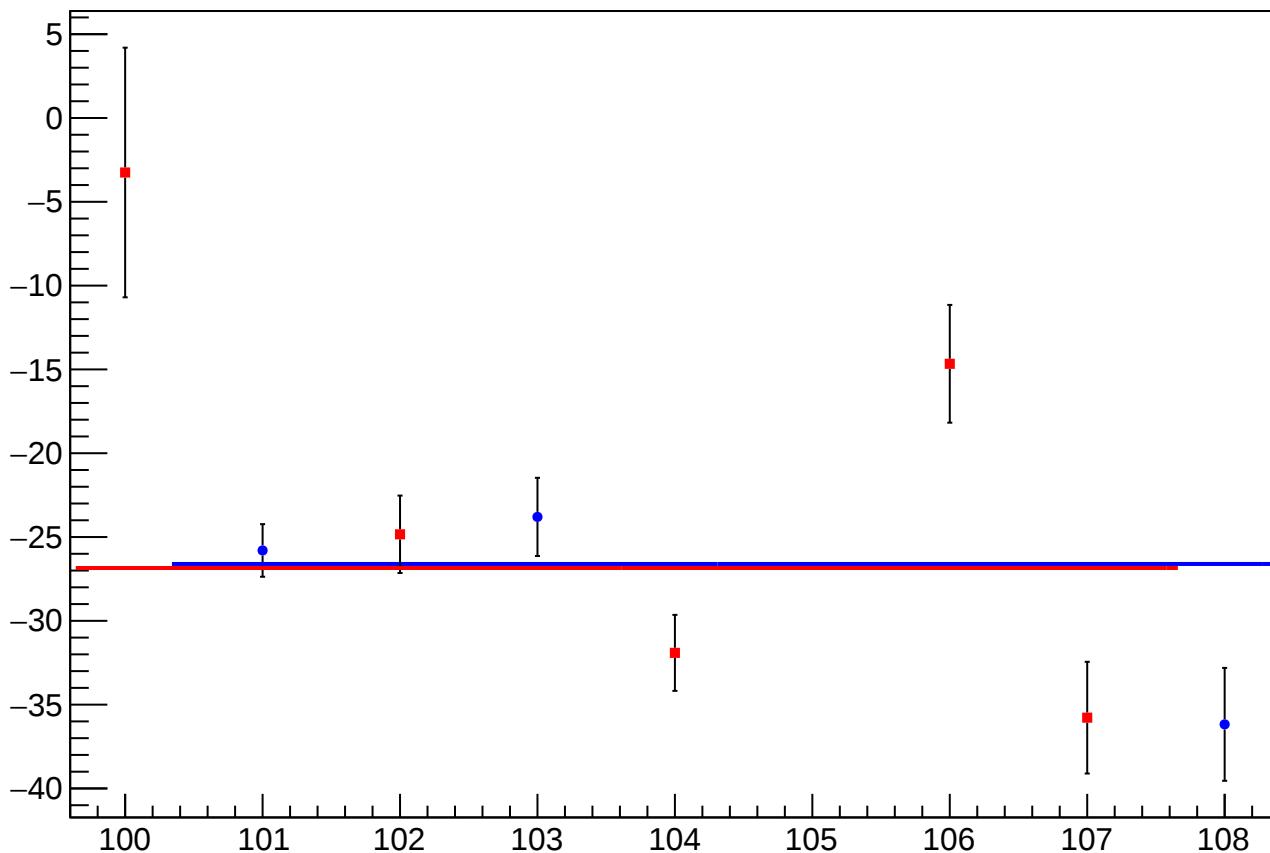
Right: -3.756 $\pm$ 0.500 χ^2 /NDF: 153.1/7

In: -2.696 $\pm$ 0.677 χ^2 /NDF:81.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3.756 $\pm$ 0.500 χ^2 /NDF: 153.1/7

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -26.607 $\pm$ 1.214 χ^2 /NDF: 9.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -26.848 $\pm$ 1.323 χ^2 /NDF: 35.0/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

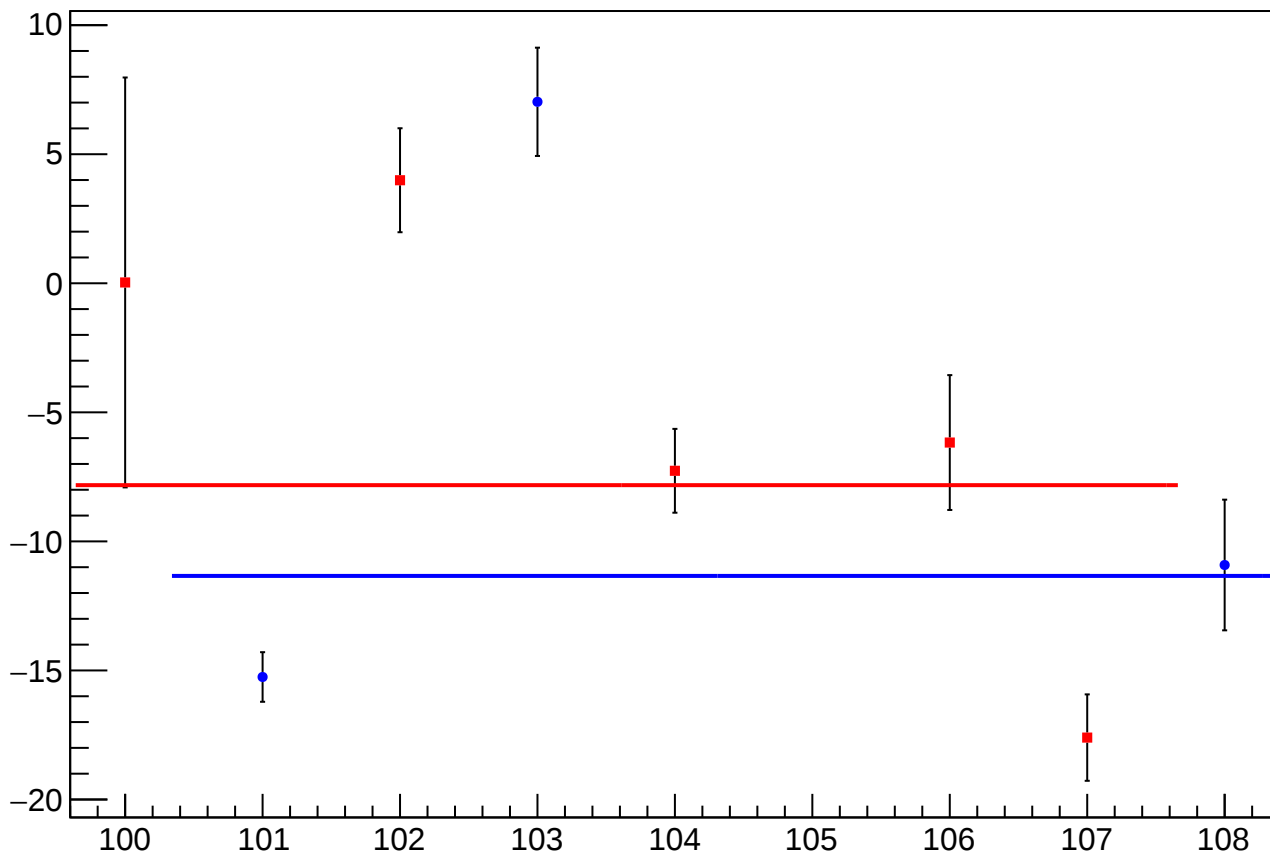
Right: -26.717 $\pm$ 0.895 χ^2 /NDF: 44.8/7

In: -26.607 $\pm$ 1.214 χ^2 /NDF:9.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -26.717 $\pm$ 0.895 χ^2 /NDF: 44.8/7

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.338 $\pm$ 0.826 χ^2 /NDF: 93.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -7.822 $\pm$ 0.935 χ^2 /NDF: 70.0/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

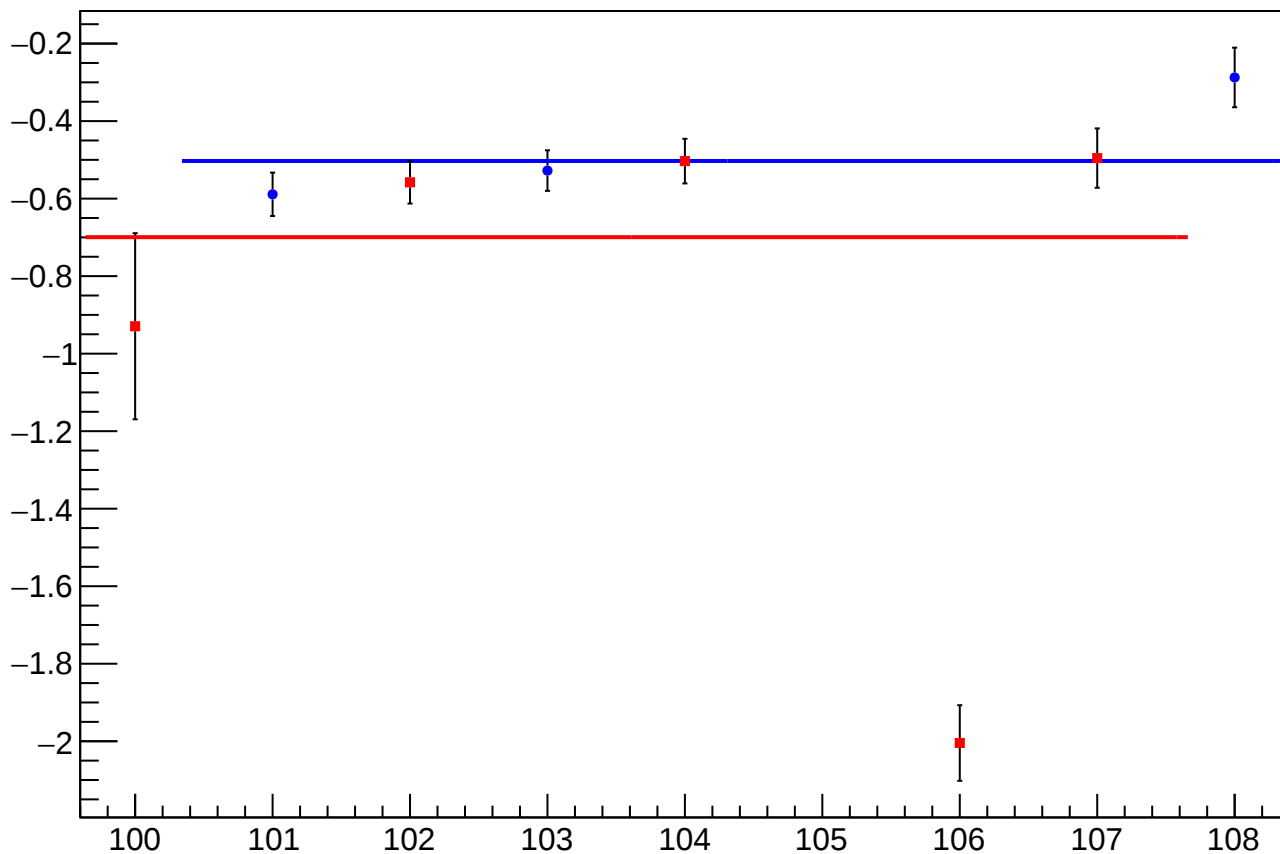
Right: -9.796 $\pm$ 0.619 χ^2 /NDF: 171.3/7

In: -11.338 $\pm$ 0.826 χ^2 /NDF:93.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -9.796 $\pm$ 0.619 χ^2 /NDF: 171.3/7

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.503+/-0.034 χ^2/NDF : 10.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.699+/-0.033 χ^2/NDF : 205.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

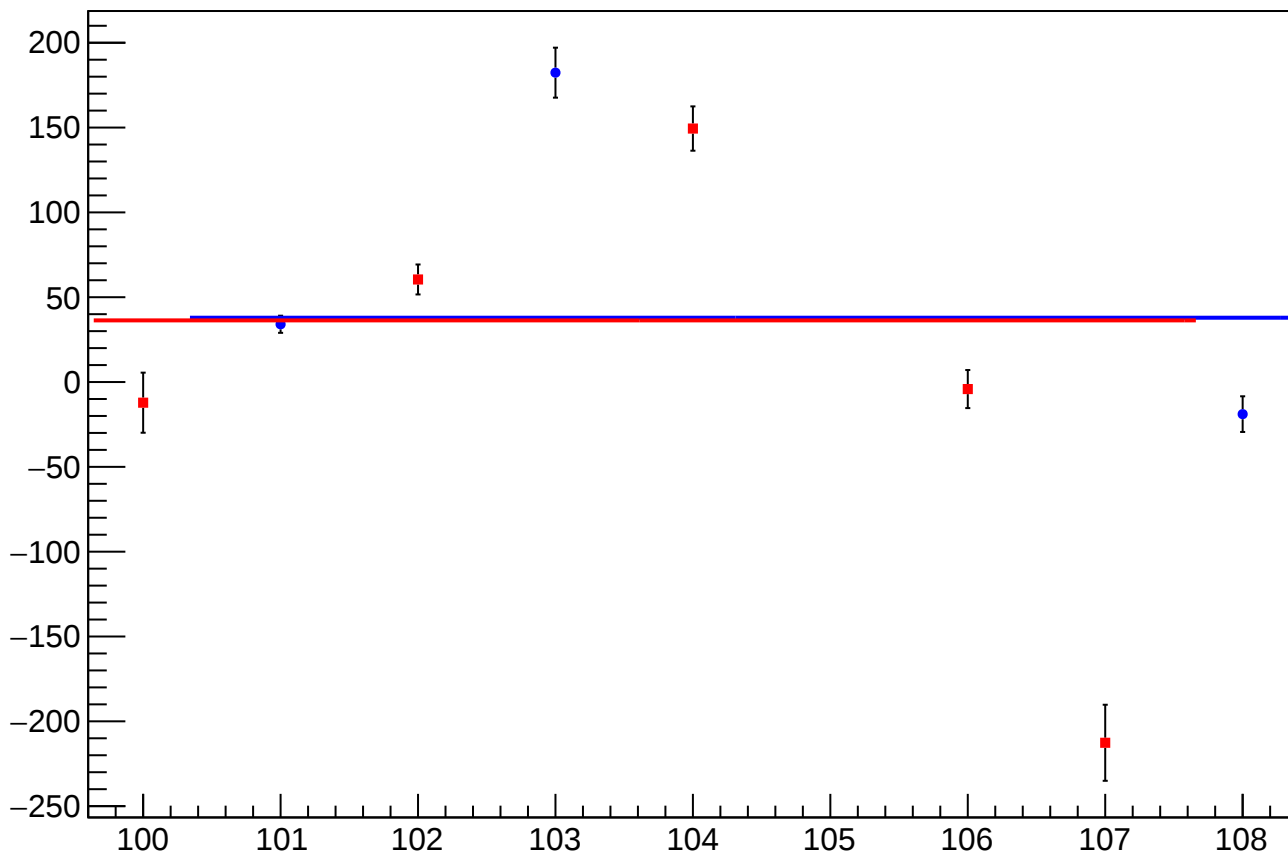
Right: -0.605+/-0.024 χ^2/NDF : 233.0/7

In: -0.503+/-0.034 χ^2/NDF : 10.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.605+/-0.024 χ^2/NDF : 233.0/7

reg_asym_atl1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 37.915+/-4.350 χ^2/NDF : 125.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.341+/-5.607 χ^2/NDF : 226.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

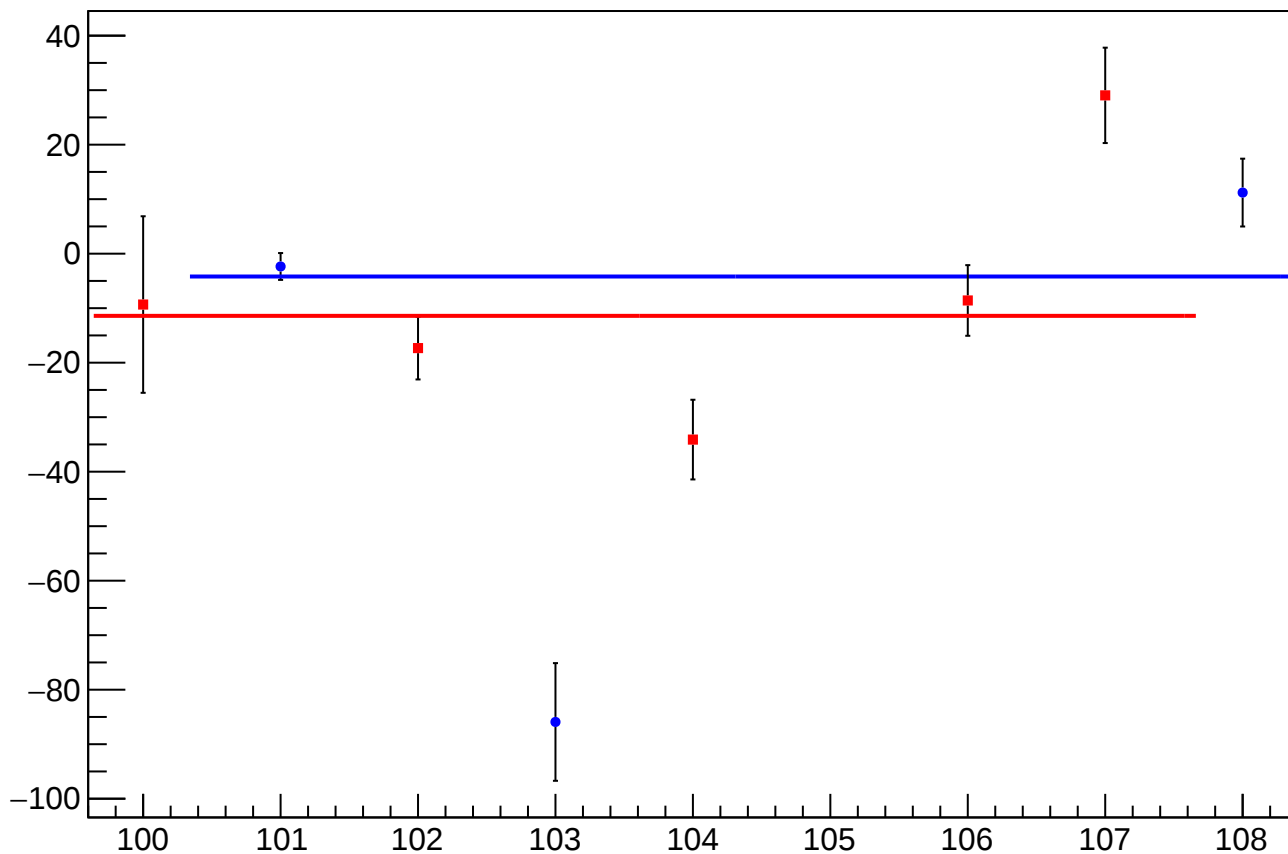
Right: 37.324+/-3.437 χ^2/NDF : 352.2/7

In: 37.915+/-4.350 χ^2/NDF : 125.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.324+/-3.437 χ^2/NDF : 352.2/7

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.189+/-2.240 χ^2 /NDF: 64.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -11.408+/-3.341 χ^2 /NDF: 32.3/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

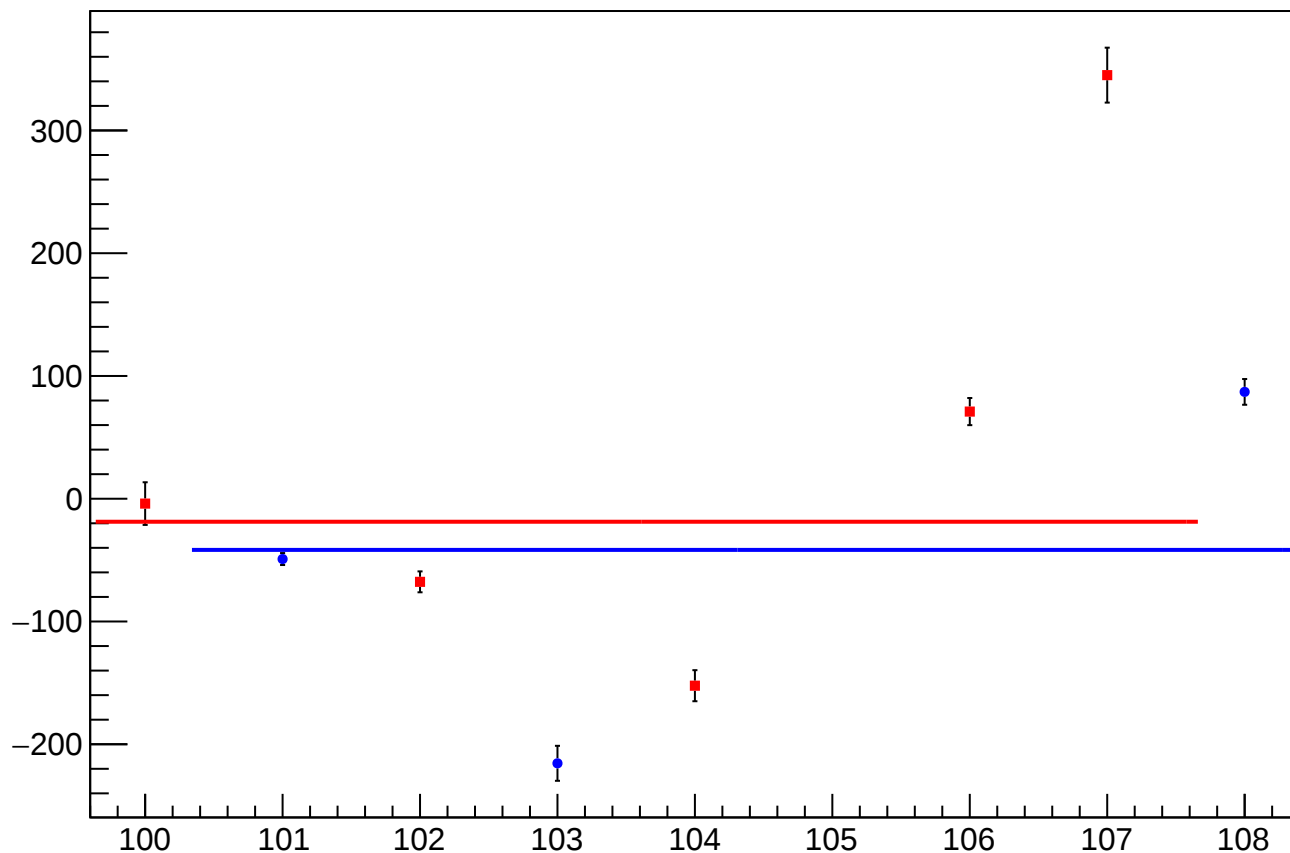
Right: -6.429+/-1.861 χ^2 /NDF: 99.5/7

In: -4.189+/-2.240 χ^2 /NDF:64.0/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -6.429+/-1.861 χ^2 /NDF: 99.5/7

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -41.682+/-4.217 χ^2/NDF : 301.8/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -18.740+/-5.461 χ^2/NDF : 475.6/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

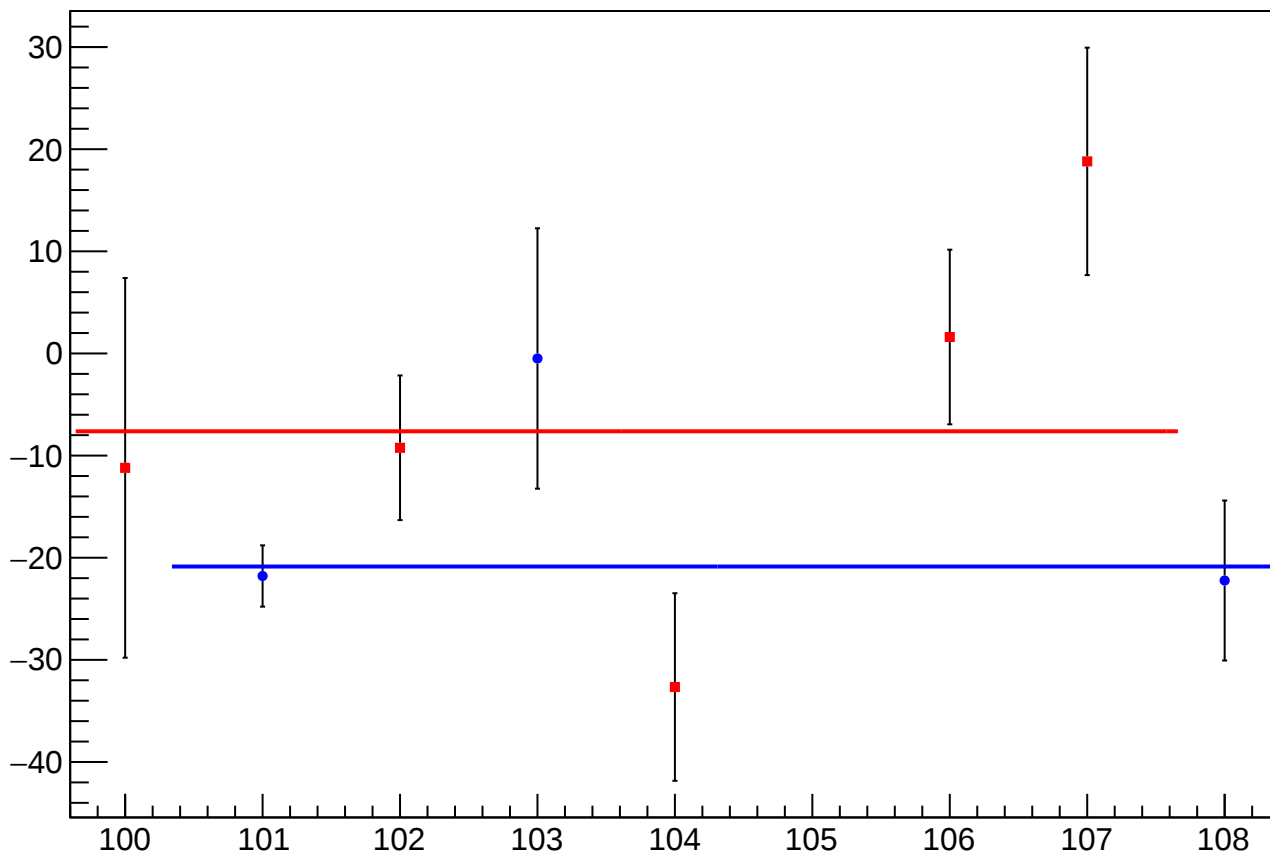
Right: -33.113+/-3.338 χ^2/NDF : 788.5/7

In: -41.682+/-4.217 χ^2/NDF :301.8/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -33.113+/-3.338 χ^2/NDF : 788.5/7

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -20.861 $\pm$ 2.737 χ^2 /NDF: 2.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -7.622 $\pm$ 4.209 χ^2 /NDF: 14.3/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

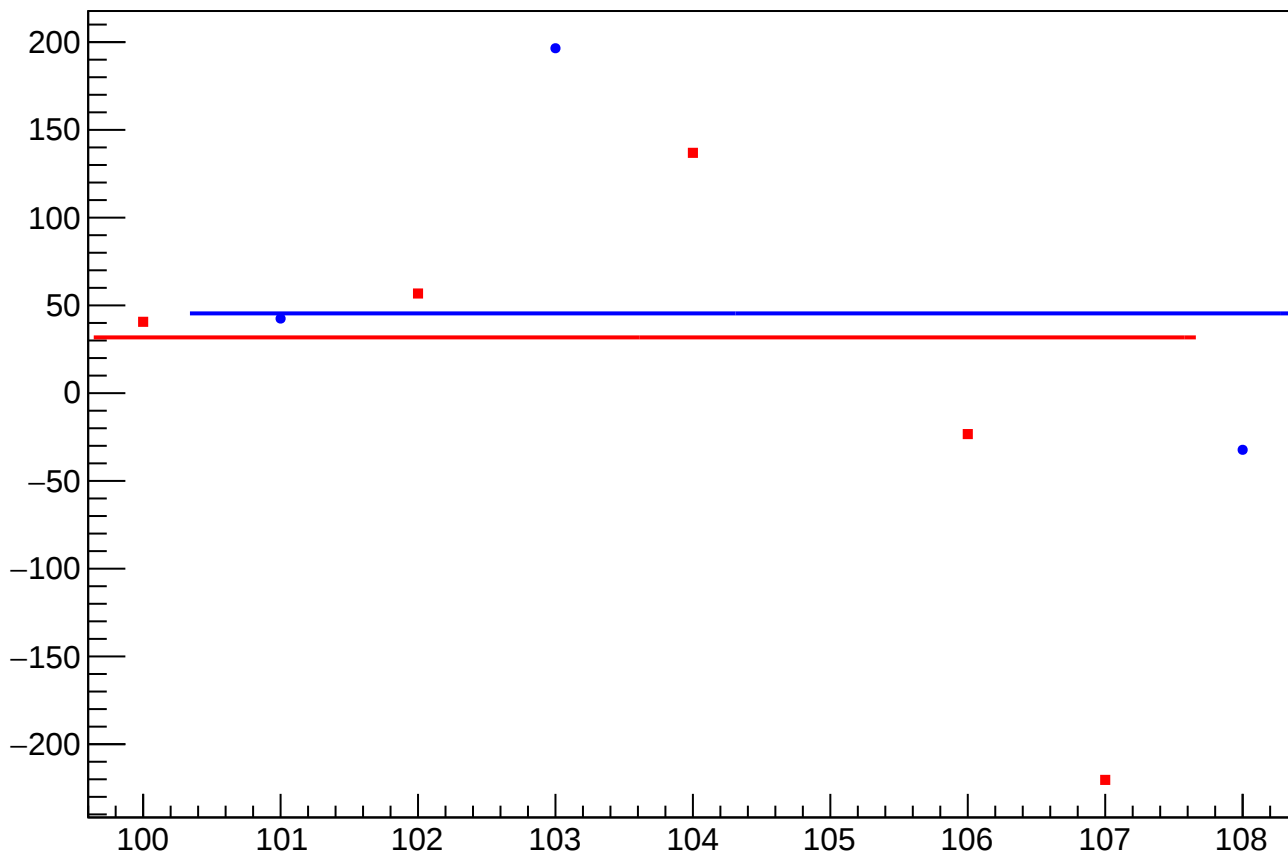
Right: -16.926 $\pm$ 2.295 χ^2 /NDF: 24.0/7

In: -20.861 $\pm$ 2.737 χ^2 /NDF:2.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -16.926 $\pm$ 2.295 χ^2 /NDF: 24.0/7

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 45.445+/-0.129 χ^2/NDF : 331292.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.771+/-0.138 χ^2/NDF : 399130.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

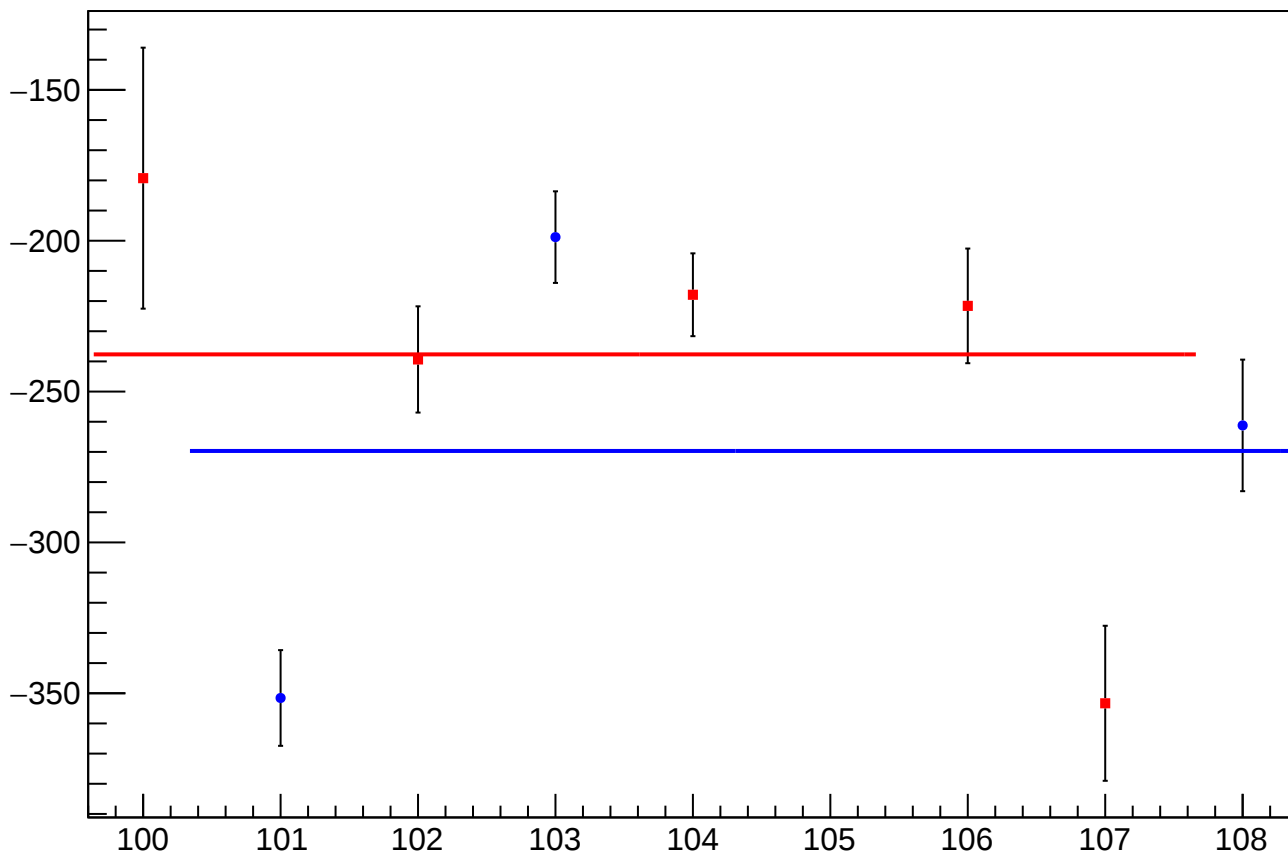
Right: 39.067+/-0.094 χ^2/NDF : 735682.2/7

In: 45.445+/-0.129 χ^2/NDF : 331292.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.067+/-0.094 χ^2/NDF : 735682.2/7

reg_asym_atl2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -269.684 $\pm$ 9.798 χ^2 /NDF: 48.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -237.671 $\pm$ 8.655 χ^2 /NDF: 24.9/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

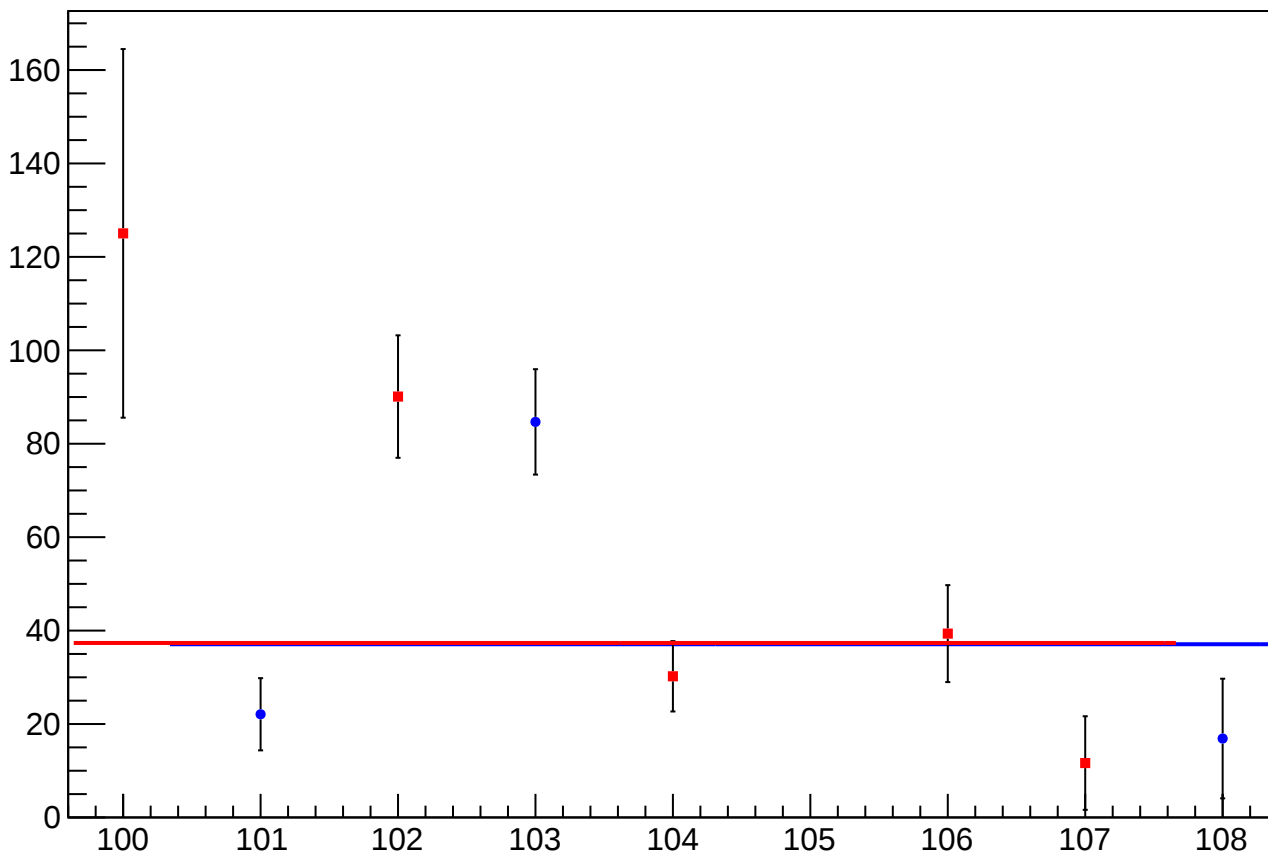
Right: -251.701 $\pm$ 6.487 χ^2 /NDF: 79.5/7

In: -269.684 $\pm$ 9.798 χ^2 /NDF:48.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -251.701 $\pm$ 6.487 χ^2 /NDF: 79.5/7

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 37.079+/-5.708 χ^2/NDF : 24.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.350+/-4.803 χ^2/NDF : 28.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

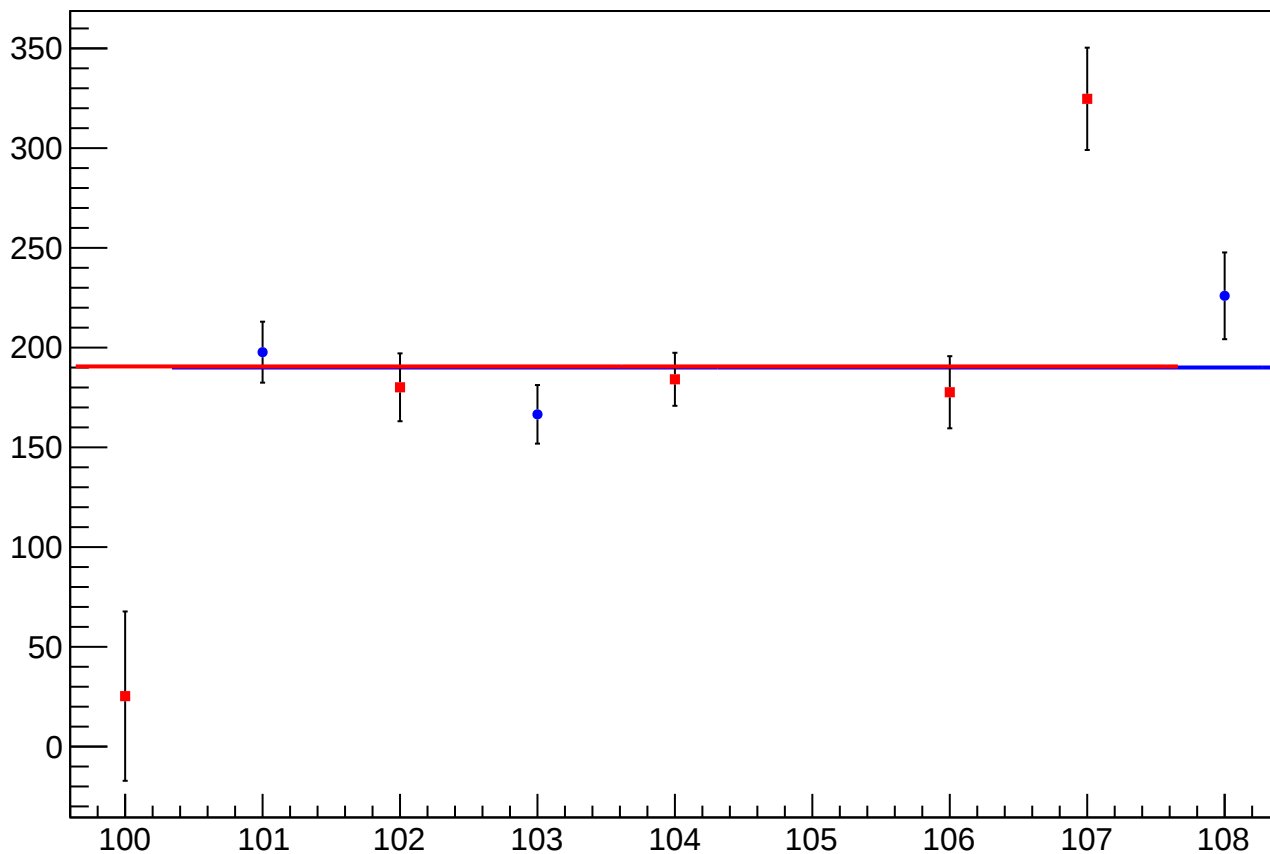
Right: 37.238+/-3.675 χ^2/NDF : 52.7/7

In: 37.079+/-5.708 χ^2/NDF : 24.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.238+/-3.675 χ^2/NDF : 52.7/7

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 190.029+/-9.519 χ^2/NDF : 5.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 190.564+/-8.376 χ^2/NDF : 43.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

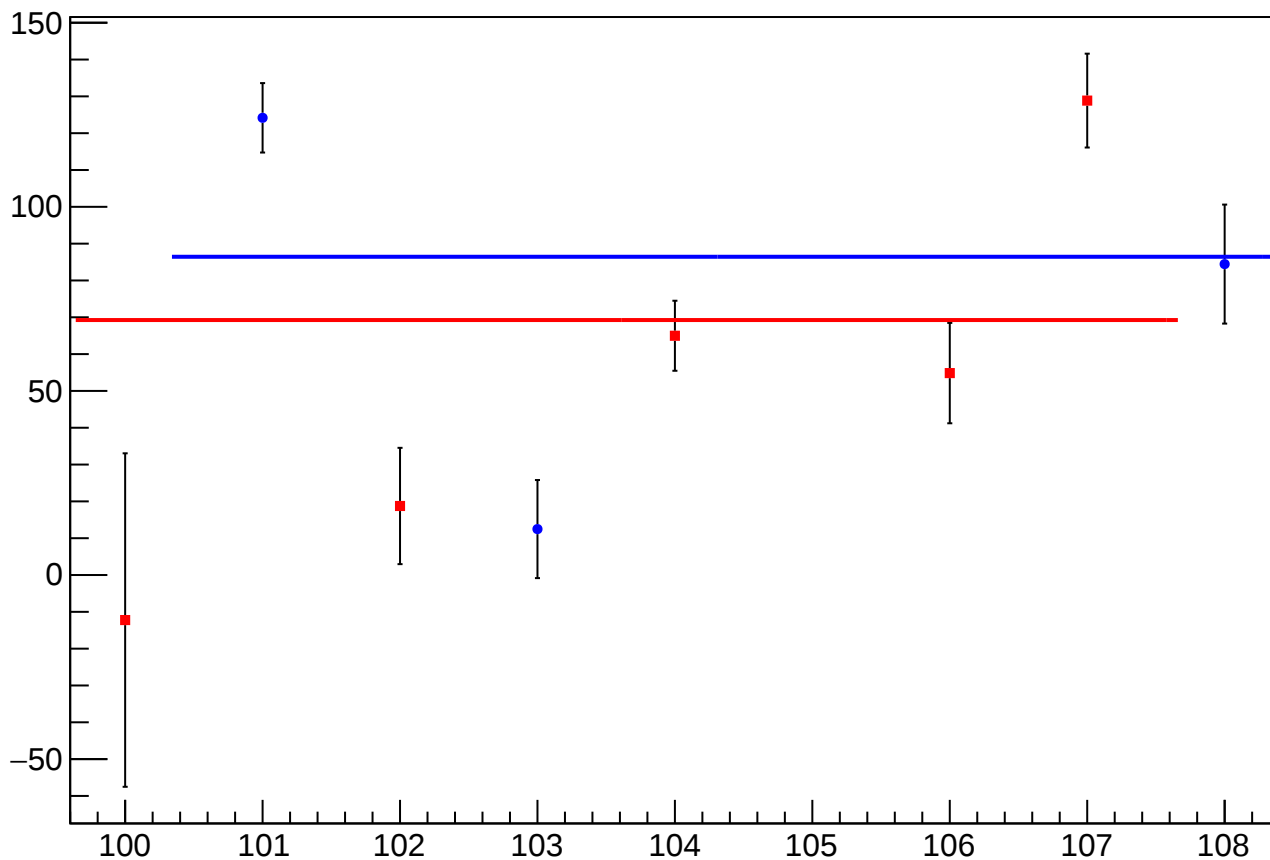
Right: 190.331+/-6.289 χ^2/NDF : 49.2/7

In: 190.029+/-9.519 χ^2/NDF : 5.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.331+/-6.289 χ^2/NDF : 49.2/7

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 86.438+/-6.948 χ^2/NDF : 46.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.250+/-6.076 χ^2/NDF : 36.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

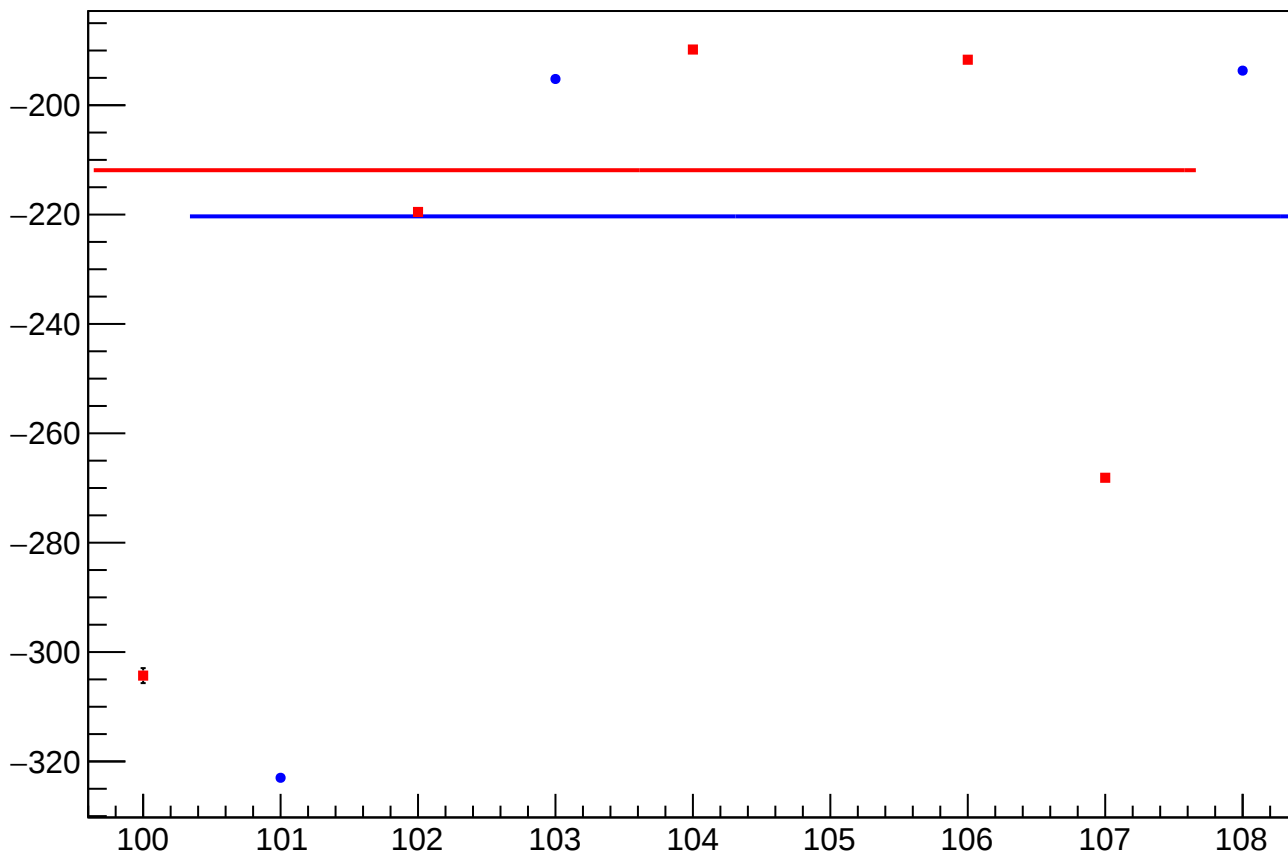
Right: 76.698+/-4.574 χ^2/NDF : 87.0/7

In: 86.438+/-6.948 χ^2/NDF : 46.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.698+/-4.574 χ^2/NDF : 87.0/7

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -220.329+/-0.246 χ^2/NDF : 43419.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -211.887+/-0.214 χ^2/NDF : 19630.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

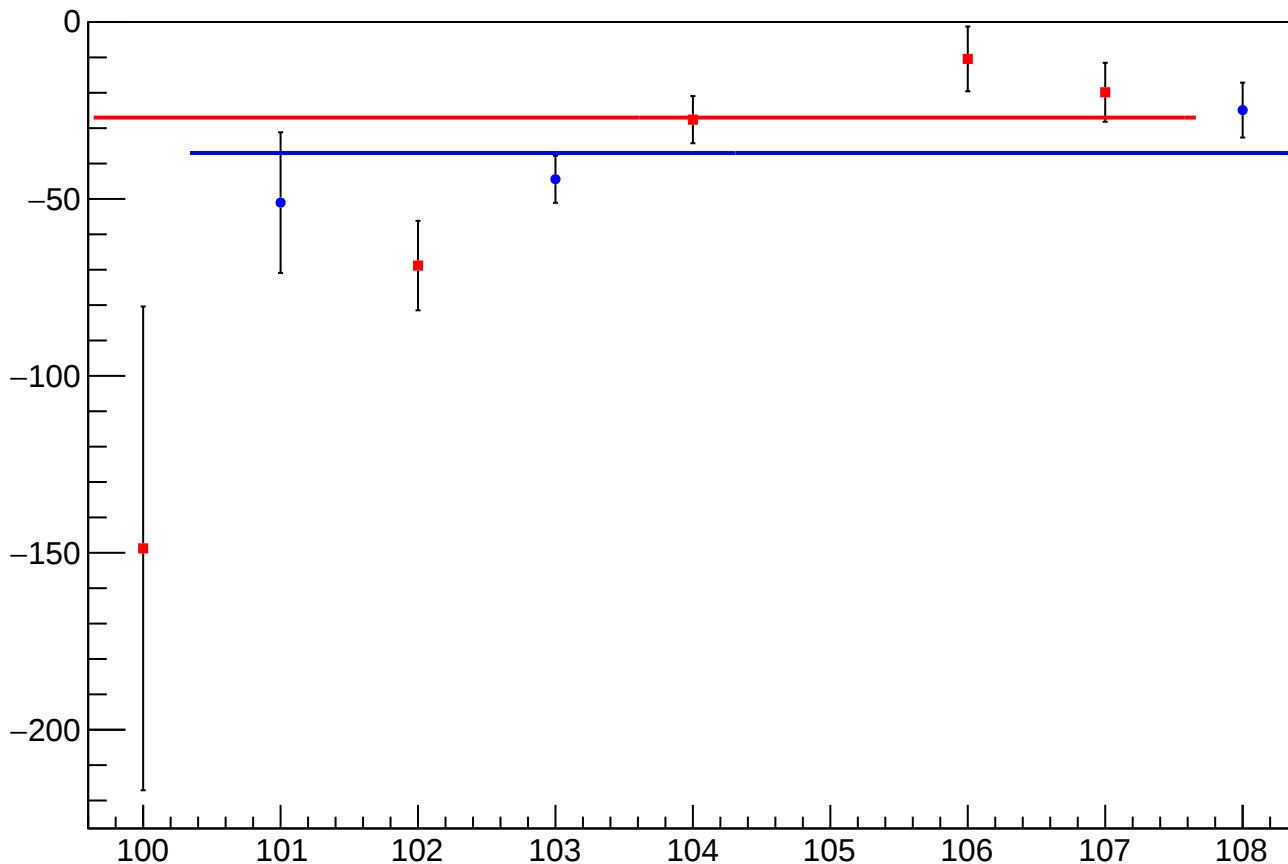
Right: -215.521+/-0.161 χ^2/NDF : 63720.4/7

In: -220.329+/-0.246 χ^2/NDF : 43419.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -215.521+/-0.161 χ^2/NDF : 63720.4/7

reg_asym_atr1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -37.020+/-4.904 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -27.010+/-4.252 χ^2/NDF : 18.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

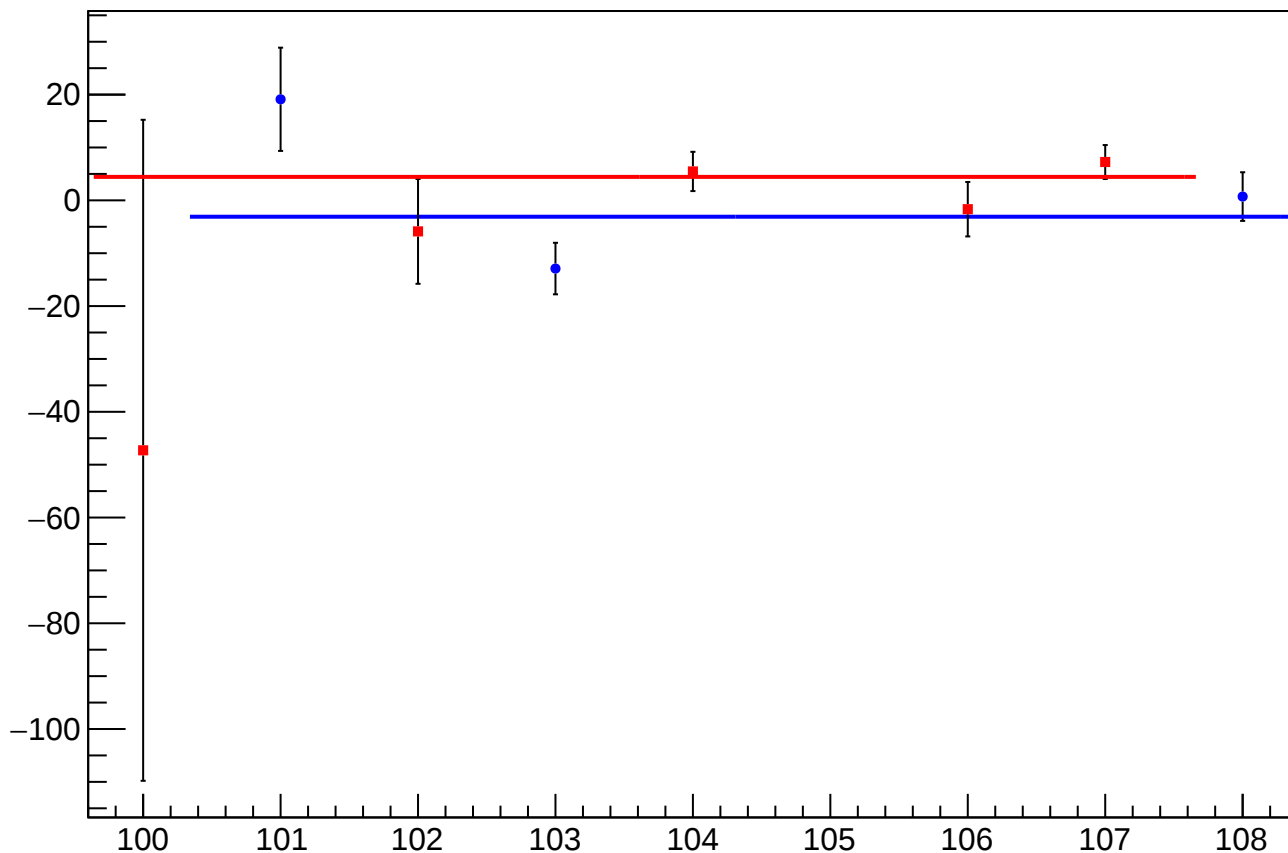
Right: -31.306+/-3.213 χ^2/NDF : 24.7/7

In: -37.020+/-4.904 χ^2/NDF : 4.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.306+/-3.213 χ^2/NDF : 24.7/7

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.096+/-3.165 χ^2 /NDF: 9.9/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 4.438+/-2.142 χ^2 /NDF: 4.0/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

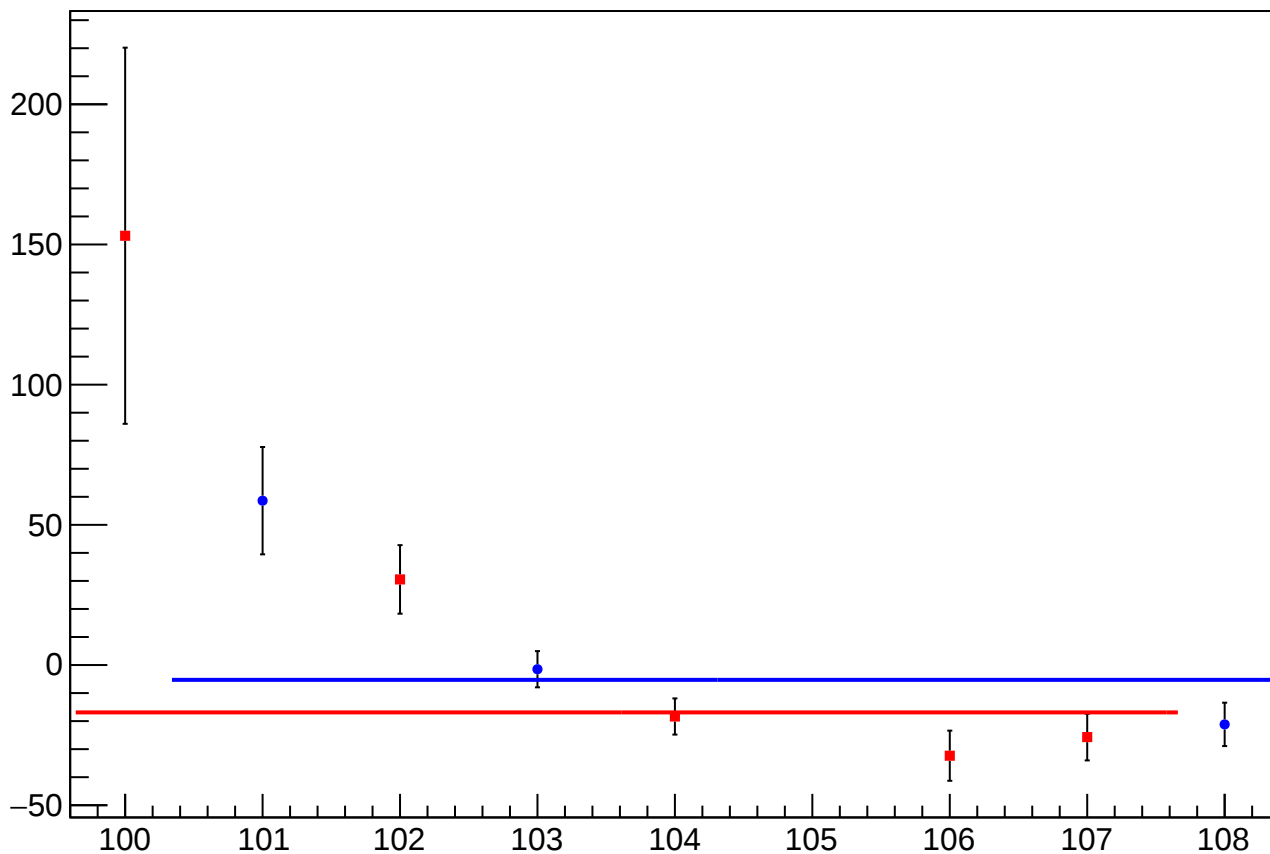
Right: 2.072+/-1.774 χ^2 /NDF: 17.8/7

In: -3.096+/-3.165 χ^2 /NDF:9.9/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2.072+/-1.774 χ^2 /NDF: 17.8/7

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.286+/-4.799 χ^2/NDF : 15.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.897+/-4.157 χ^2/NDF : 25.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

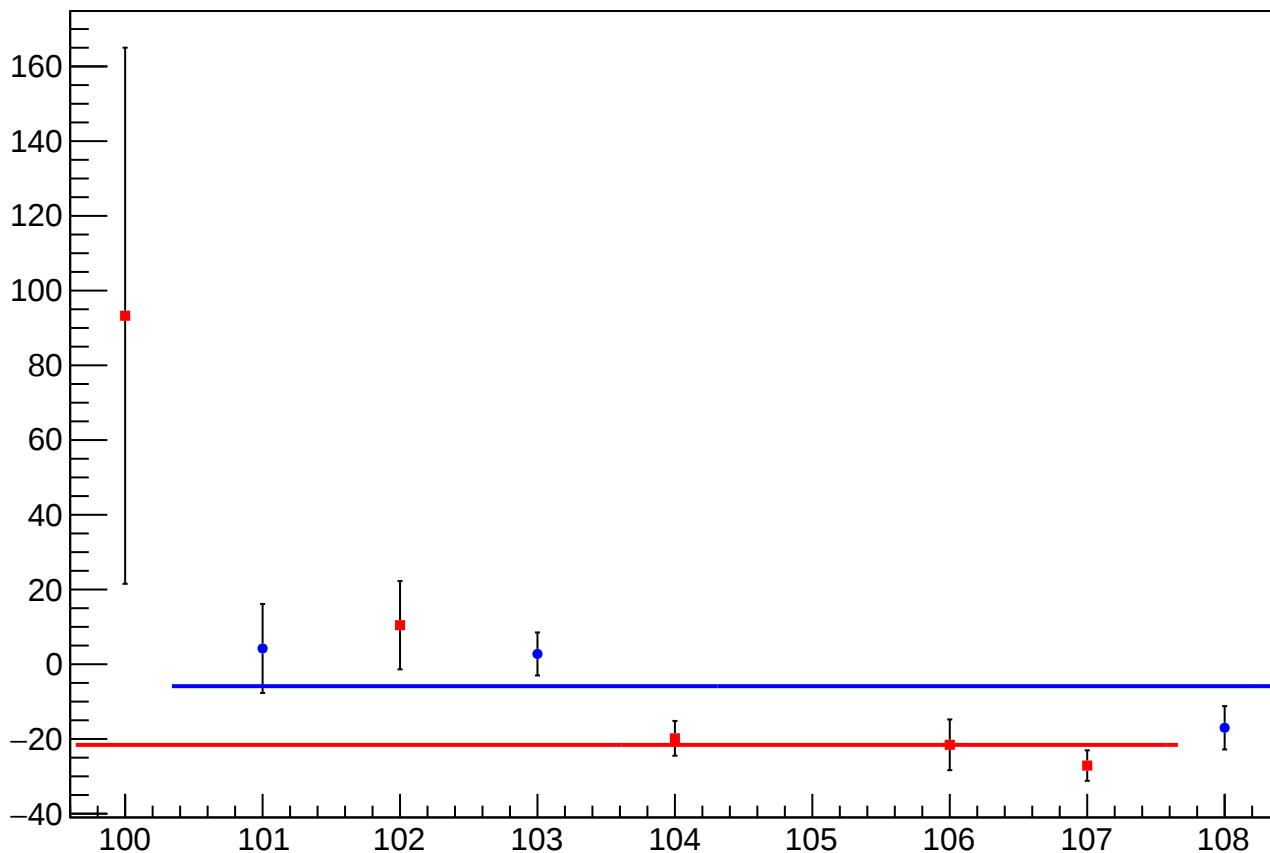
Right: -11.920+/-3.142 χ^2/NDF : 44.7/7

In: -5.286+/-4.799 χ^2/NDF : 15.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.920+/-3.142 χ^2/NDF : 44.7/7

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.872+/-3.863 χ^2/NDF : 6.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.579+/-2.719 χ^2/NDF : 11.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

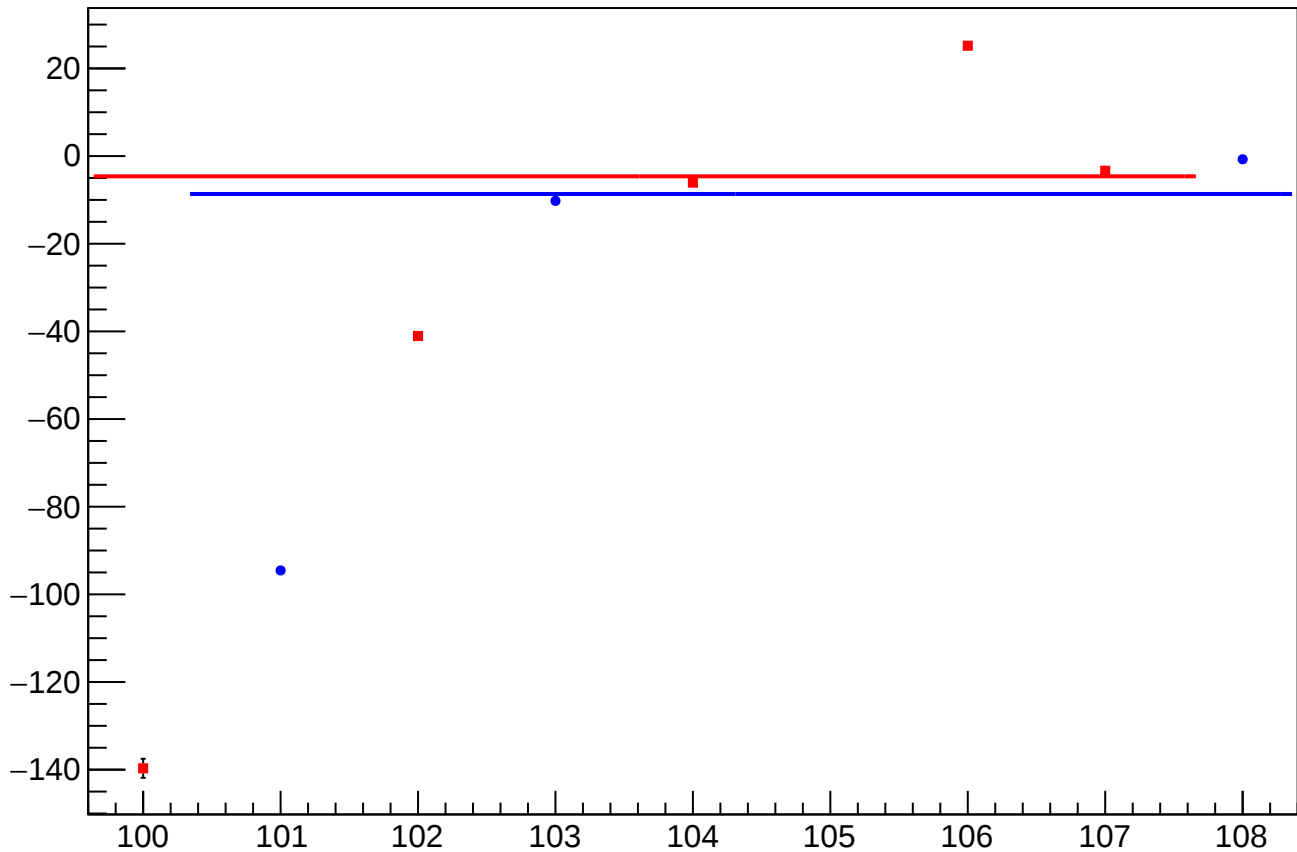
Right: -16.376+/-2.223 χ^2/NDF : 29.6/7

In: -5.872+/-3.863 χ^2/NDF : 6.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.376+/-2.223 χ^2/NDF : 29.6/7

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.651+/-0.110 χ^2/NDF : 17807.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.619+/-0.102 χ^2/NDF : 36453.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

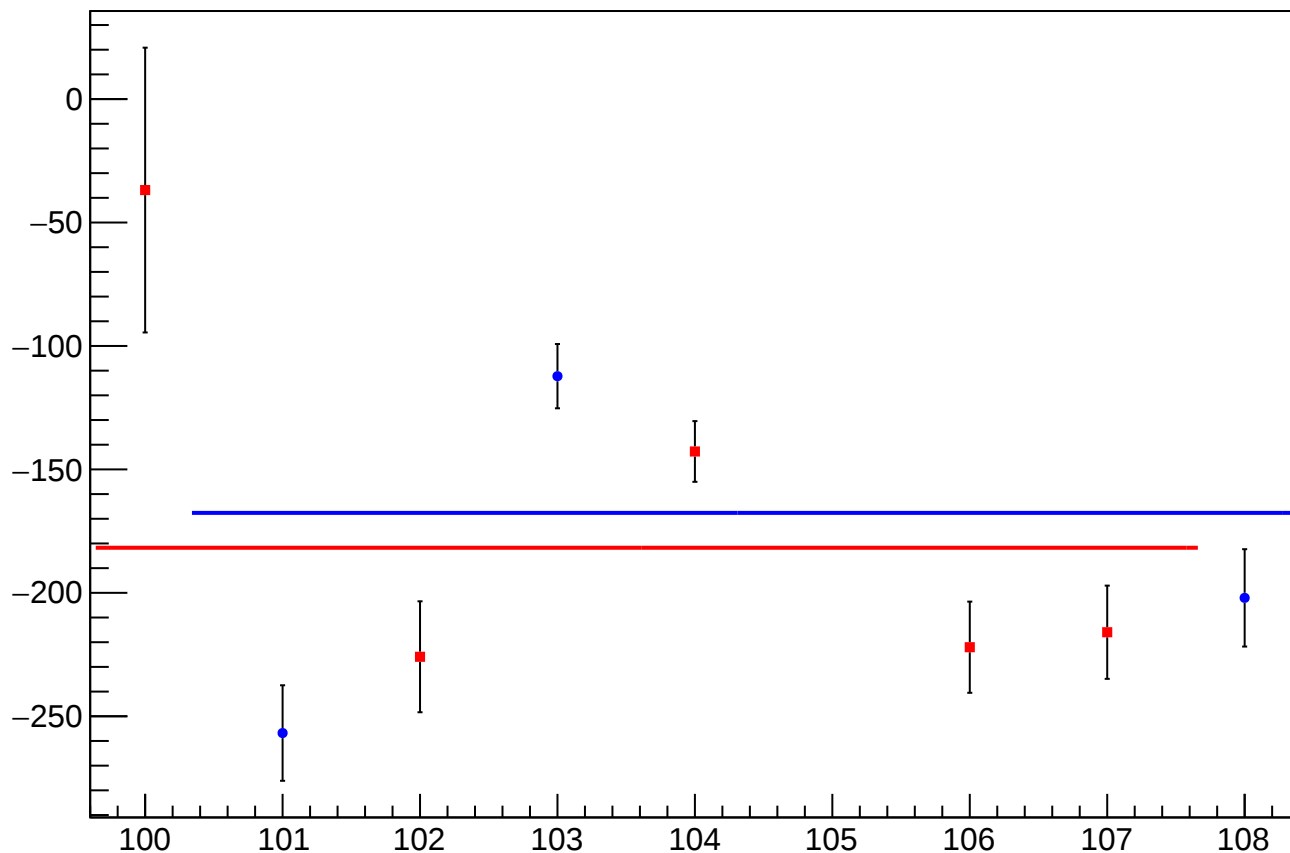
Right: -6.482+/-0.075 χ^2/NDF : 54979.8/7

In: -8.651+/-0.110 χ^2/NDF : 17807.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.482+/-0.075 χ^2/NDF : 54979.8/7

reg_asym_atr2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -167.610+/-9.473 χ^2/NDF : 42.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -181.734+/-8.267 χ^2/NDF : 28.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

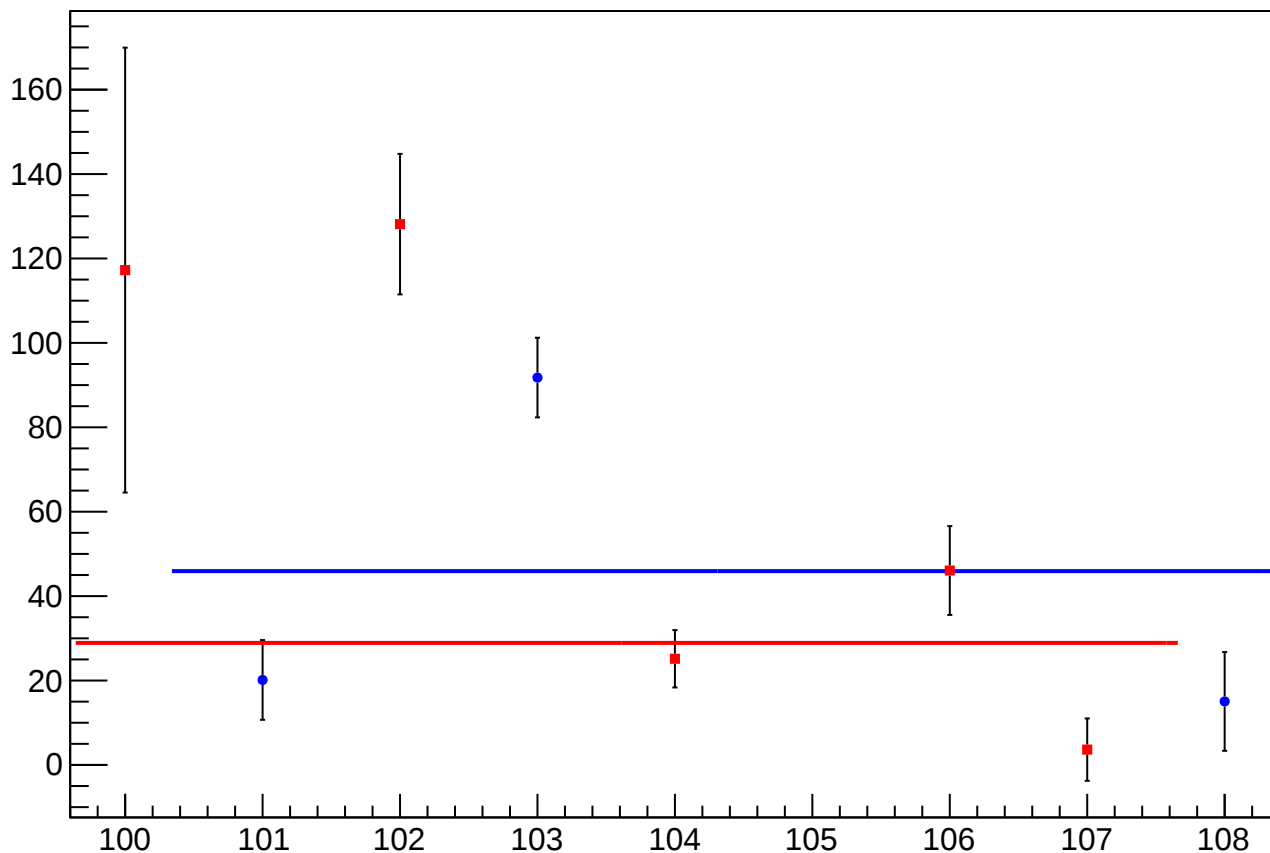
Right: -175.628+/-6.228 χ^2/NDF : 71.9/7

In: -167.610+/-9.473 χ^2/NDF : 42.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -175.628+/-6.228 χ^2/NDF : 71.9/7

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 45.924+/-5.799 χ^2/NDF : 38.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.919+/-4.345 χ^2/NDF : 53.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

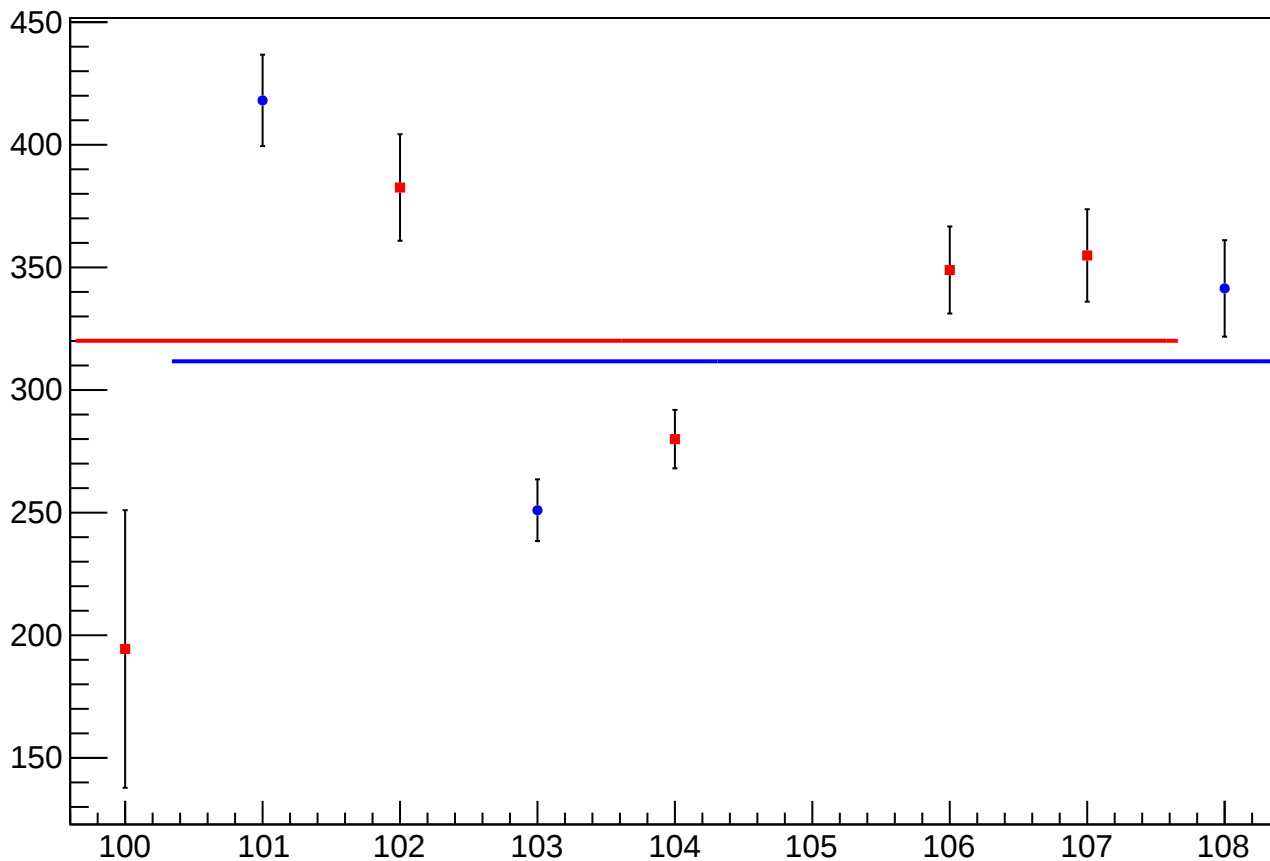
Right: 35.034+/-3.477 χ^2/NDF : 96.5/7

In: 45.924+/-5.799 χ^2/NDF : 38.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.034+/-3.477 χ^2/NDF : 96.5/7

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 311.712 $\pm$ 9.216 χ^2 /NDF: 58.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 320.073 $\pm$ 8.037 χ^2 /NDF: 30.6/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

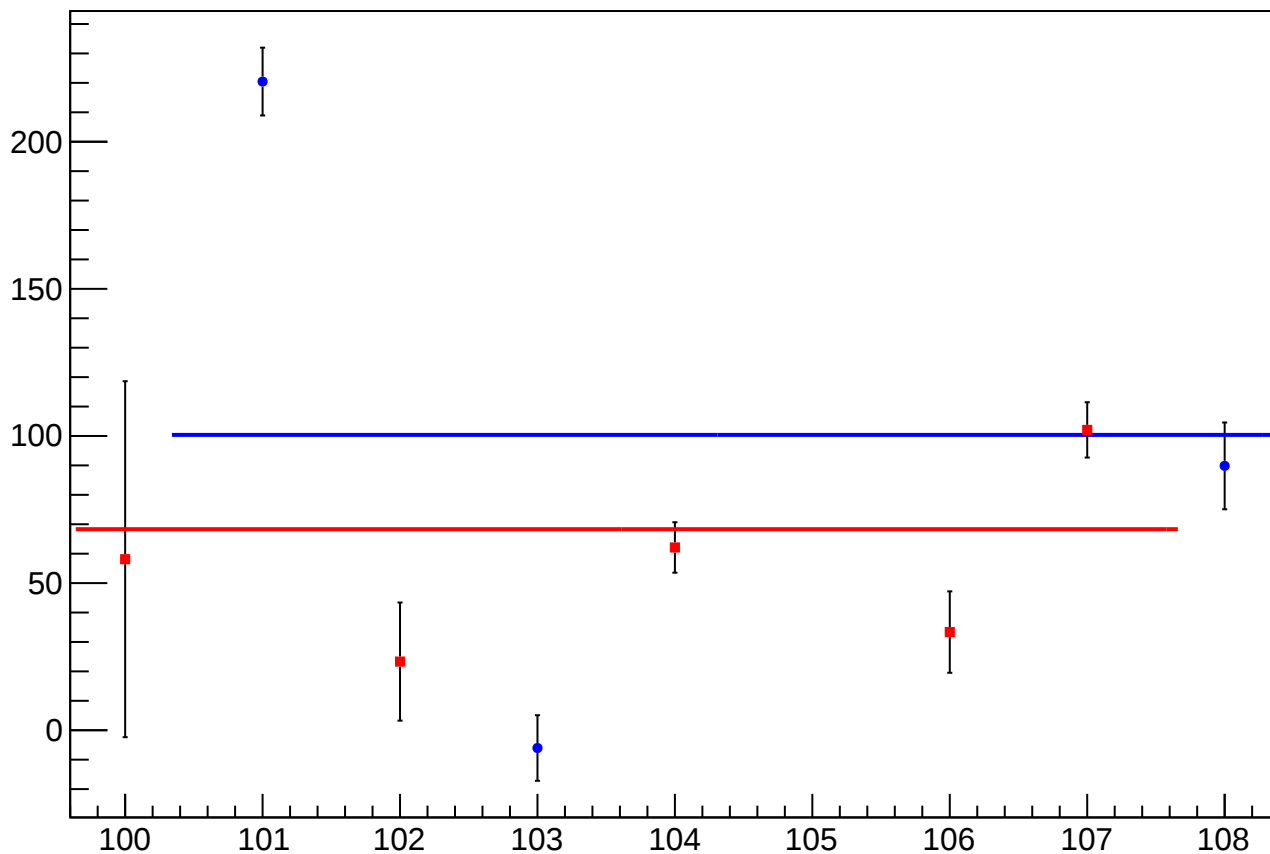
Right: 316.461 $\pm$ 6.057 χ^2 /NDF: 89.2/7

In: 311.712 $\pm$ 9.216 χ^2 /NDF:58.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 316.461 $\pm$ 6.057 χ^2 /NDF: 89.2/7

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 100.368+/-7.039 χ^2/NDF : 200.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.329+/-5.513 χ^2/NDF : 24.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

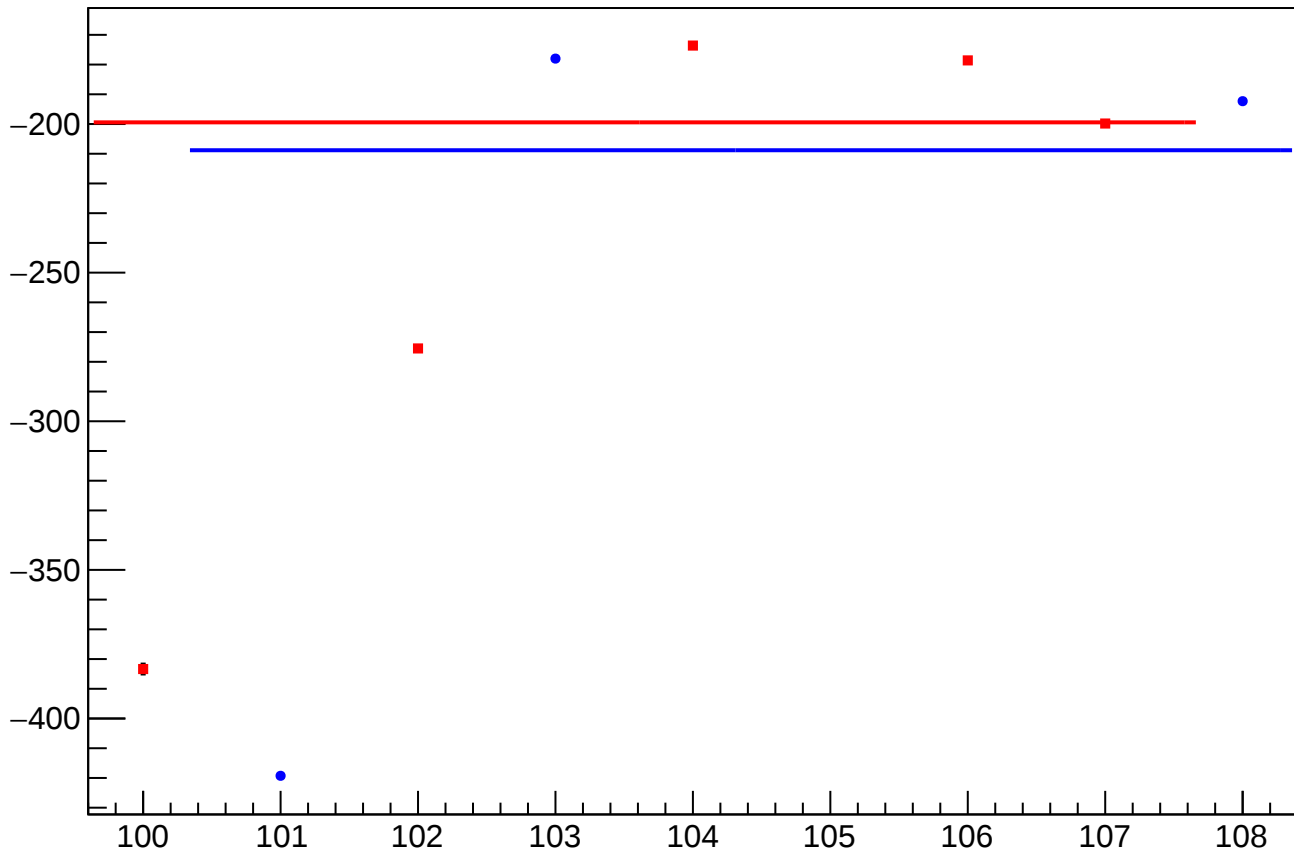
Right: 80.512+/-4.340 χ^2/NDF : 238.0/7

In: 100.368+/-7.039 χ^2/NDF : 200.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.512+/-4.340 χ^2/NDF : 238.0/7

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -208.823+/-0.225 χ^2/NDF : 111843.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -199.442+/-0.204 χ^2/NDF : 41824.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

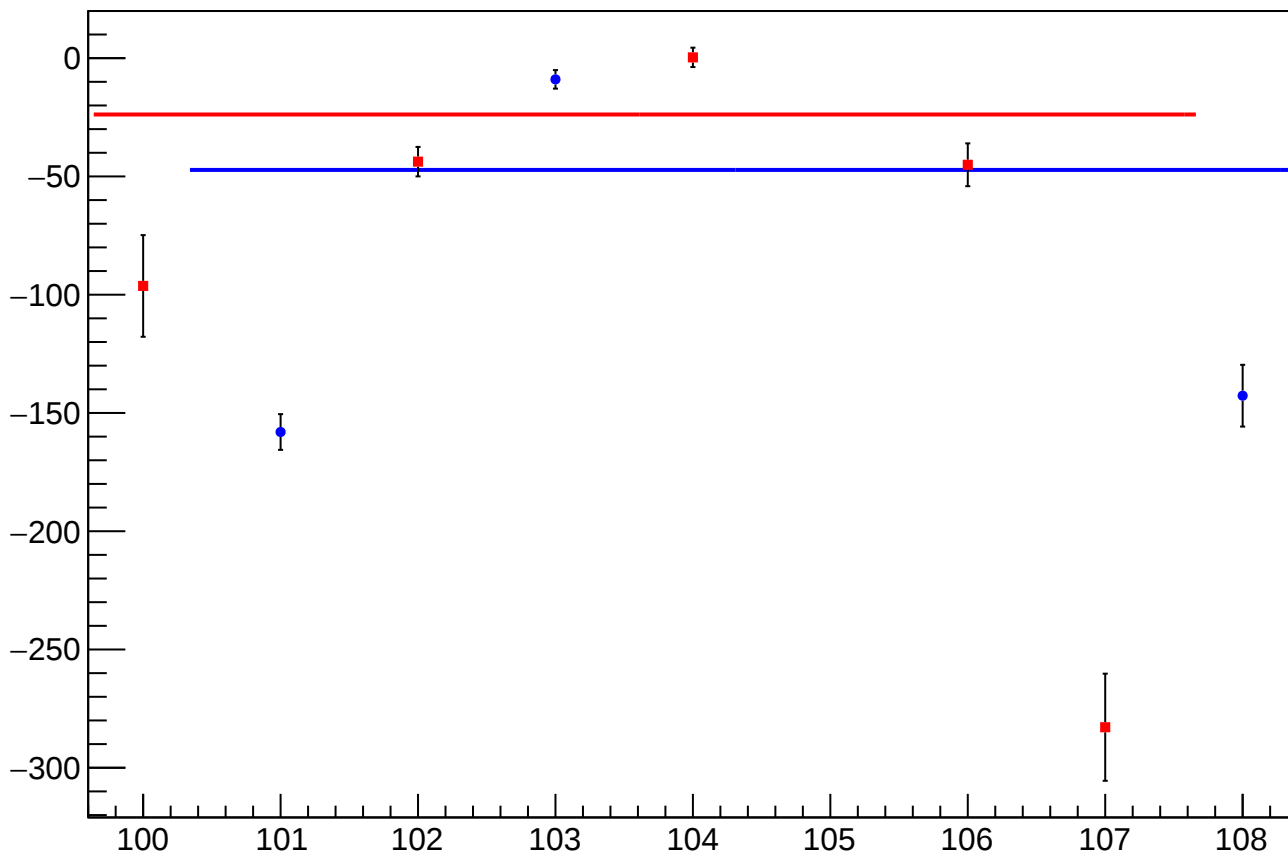
Right: -203.662+/-0.151 χ^2/NDF : 154622.2/7

In: -208.823+/-0.225 χ^2/NDF : 111843.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -203.662+/-0.151 χ^2/NDF : 154622.2/7

reg_asym_atl_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -47.245+/-3.356 χ^2/NDF : 364.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.816+/-3.137 χ^2/NDF : 192.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

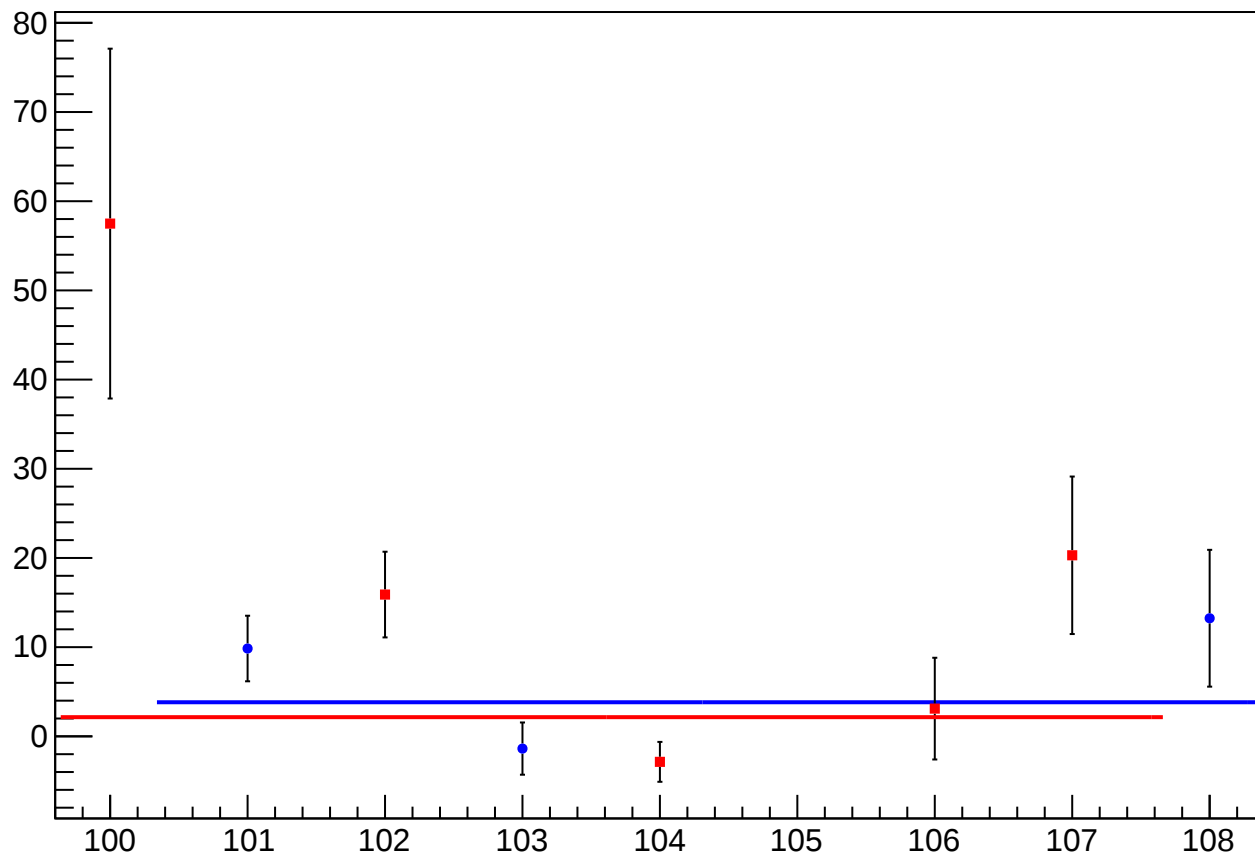
Right: -34.743+/-2.292 χ^2/NDF : 583.4/7

In: -47.245+/-3.356 χ^2/NDF : 364.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.743+/-2.292 χ^2/NDF : 583.4/7

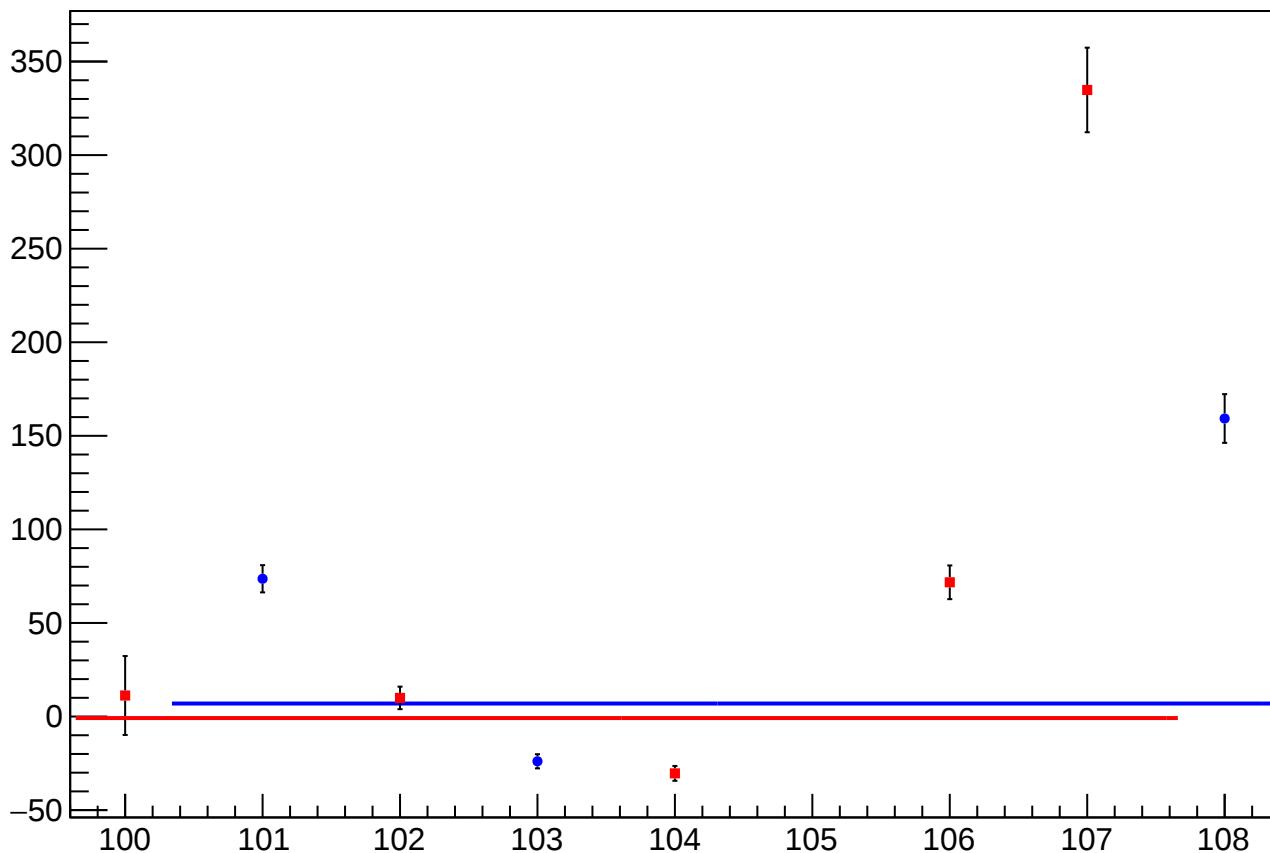
reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.822+/-2.195 χ^2/NDF : 7.3/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 2.150+/-1.859 χ^2/NDF : 25.4/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 2.849+/-1.418 χ^2/NDF : 33.1/7
 In: 3.822+/-2.195 χ^2/NDF : 7.3/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 2.849+/-1.418 χ^2/NDF : 33.1/7

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.947+/-3.250 χ^2/NDF : 287.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.813+/-3.049 χ^2/NDF : 344.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

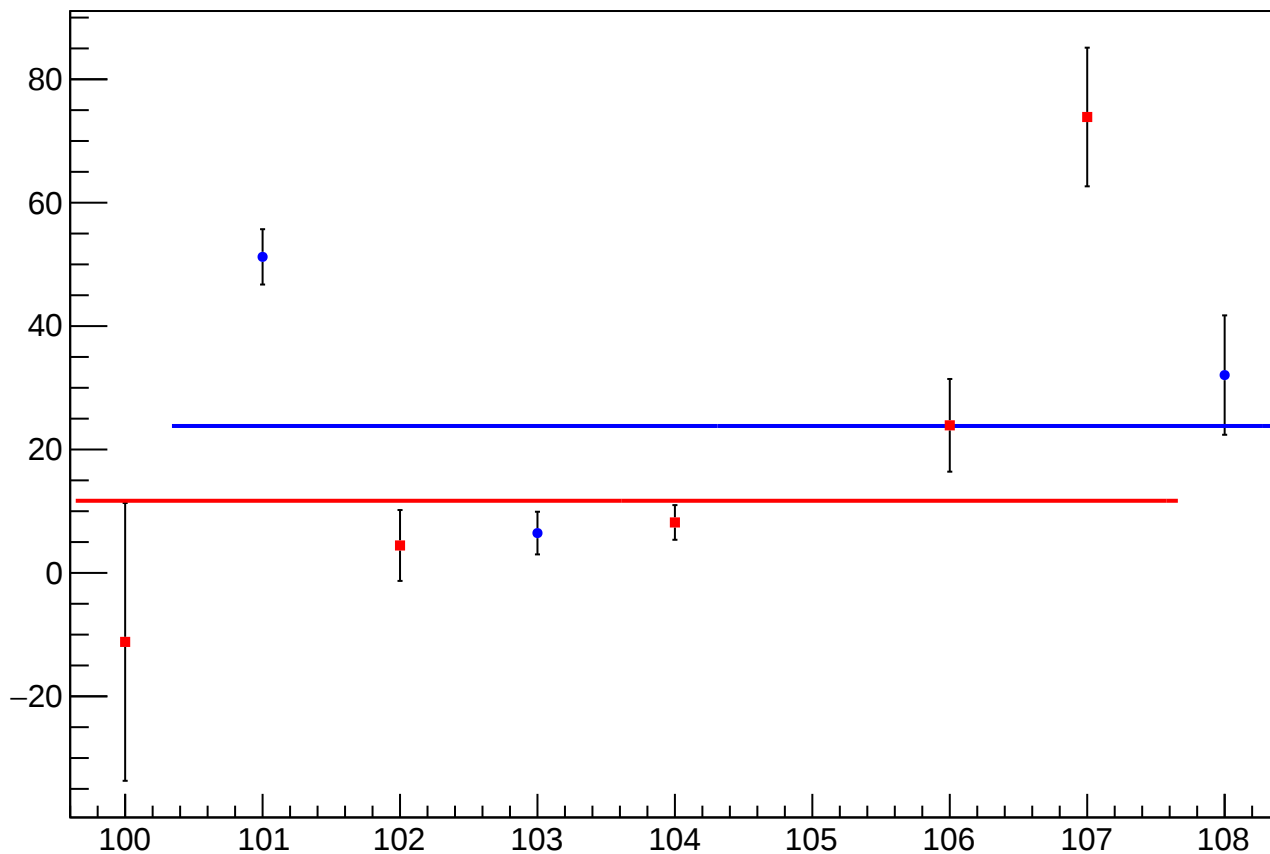
Right: 2.821+/-2.224 χ^2/NDF : 634.6/7

In: 6.947+/-3.250 χ^2/NDF : 287.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.821+/-2.224 χ^2/NDF : 634.6/7

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.813+/-2.635 χ^2/NDF : 63.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.692+/-2.328 χ^2/NDF : 37.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

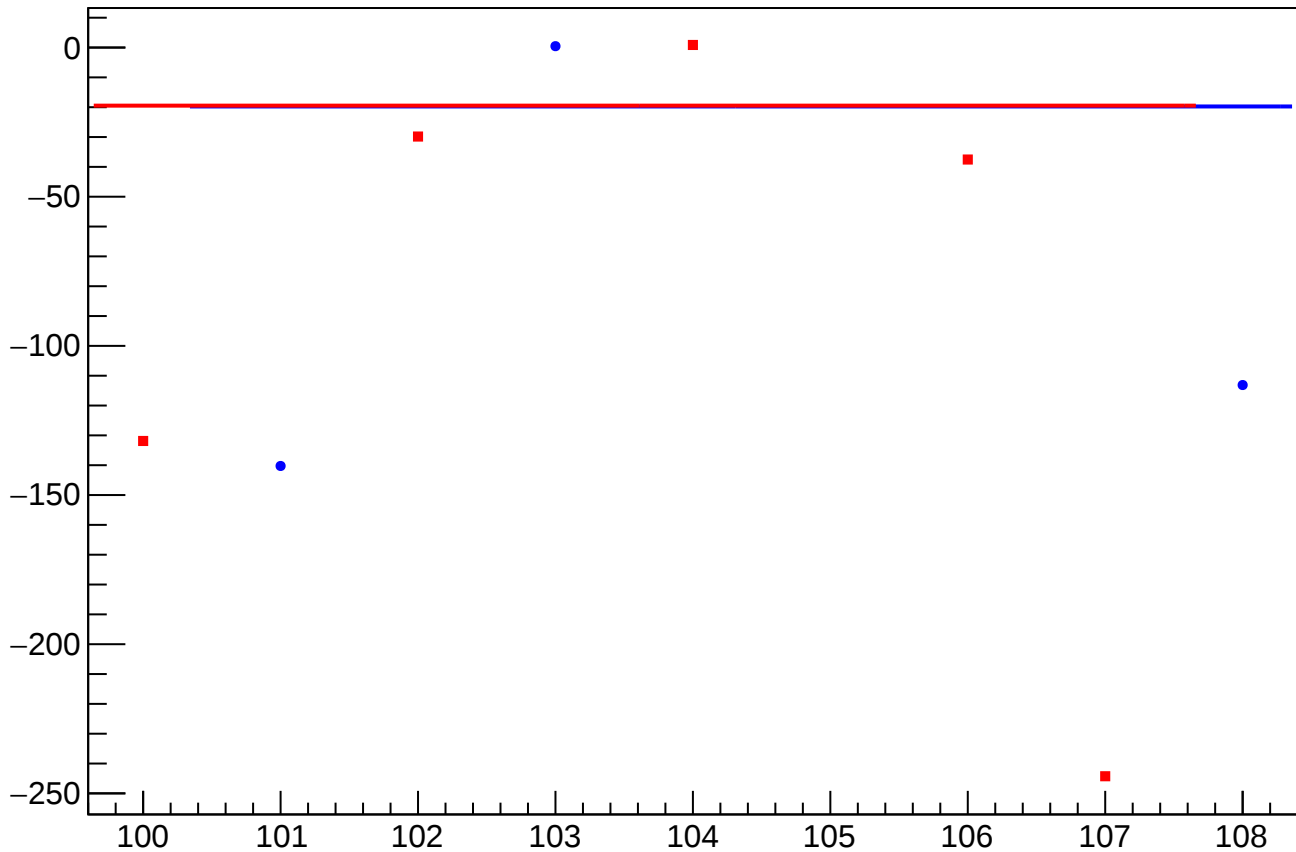
Right: 17.007+/-1.745 χ^2/NDF : 112.6/7

In: 23.813+/-2.635 χ^2/NDF : 63.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.007+/-1.745 χ^2/NDF : 112.6/7

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.751+/-0.078 χ^2/NDF : 366599.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.474+/-0.074 χ^2/NDF : 268293.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

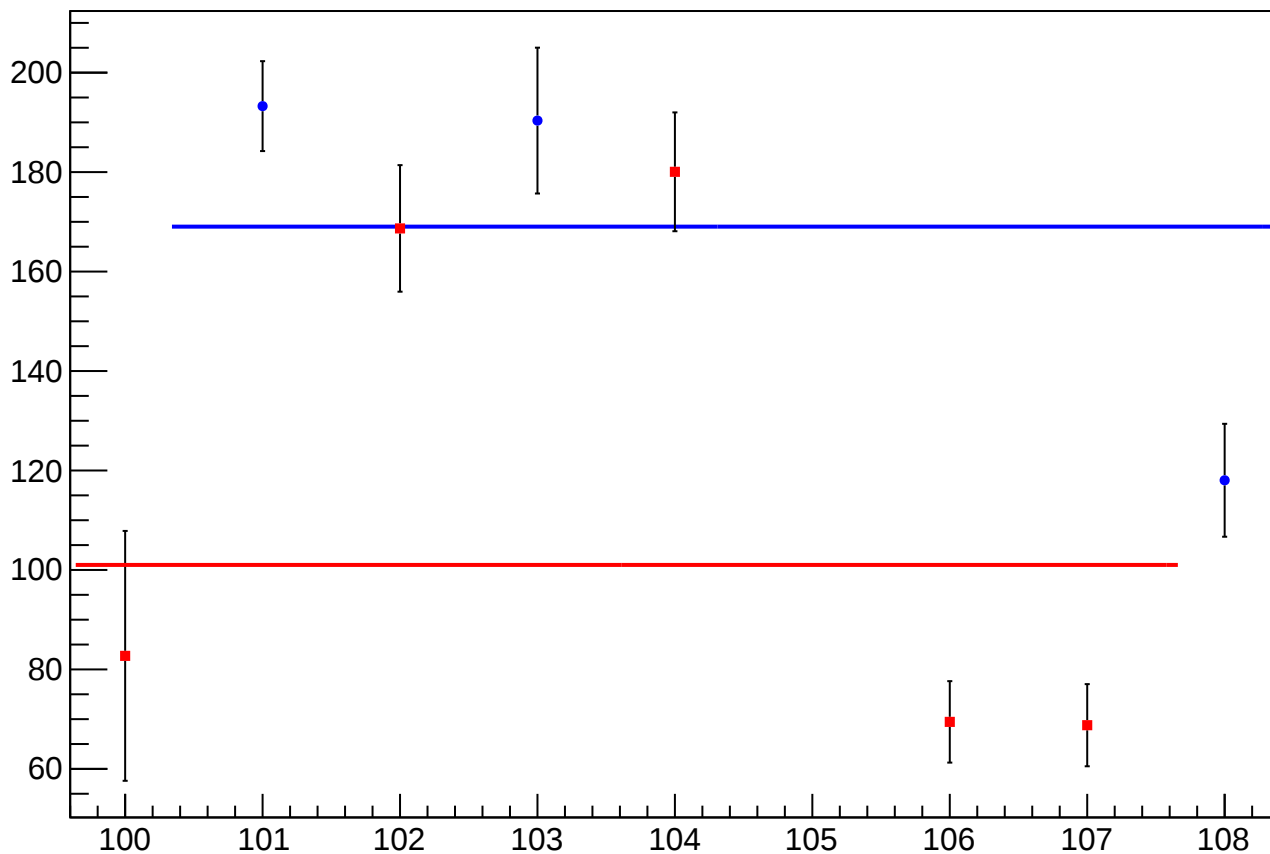
Right: -19.606+/-0.054 χ^2/NDF : 634899.1/7

In: -19.751+/-0.078 χ^2/NDF : 366599.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.606+/-0.054 χ^2/NDF : 634899.1/7

reg_asym_atl_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 169.035 $\pm$ 6.370 χ^2 /NDF: 29.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 101.012 $\pm$ 4.749 χ^2 /NDF: 102.7/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

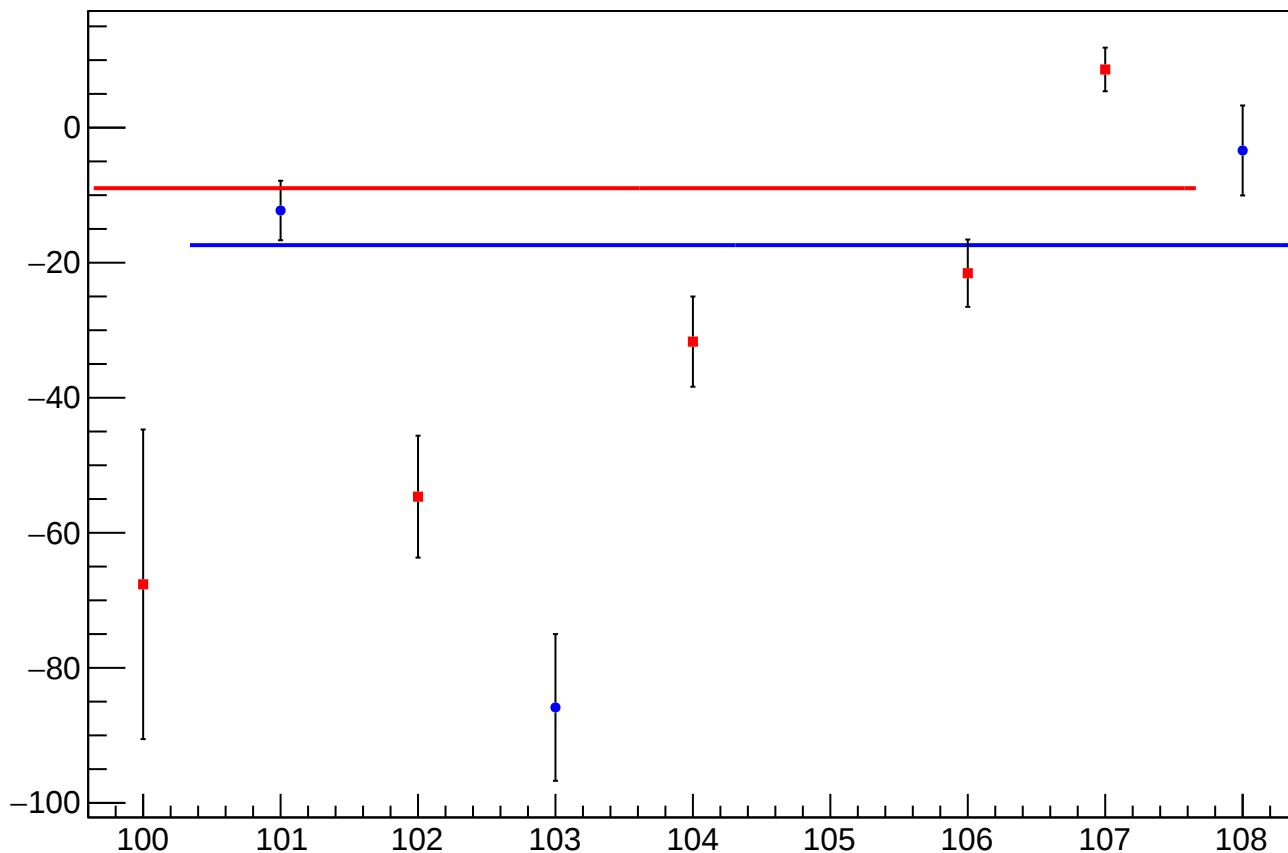
Right: 125.317 $\pm$ 3.807 χ^2 /NDF: 205.5/7

In: 169.035 $\pm$ 6.370 χ^2 /NDF:29.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 125.317 $\pm$ 3.807 χ^2 /NDF: 205.5/7

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.399 $\pm$ 3.481 χ^2 /NDF: 45.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -8.967 $\pm$ 2.406 χ^2 /NDF: 79.7/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

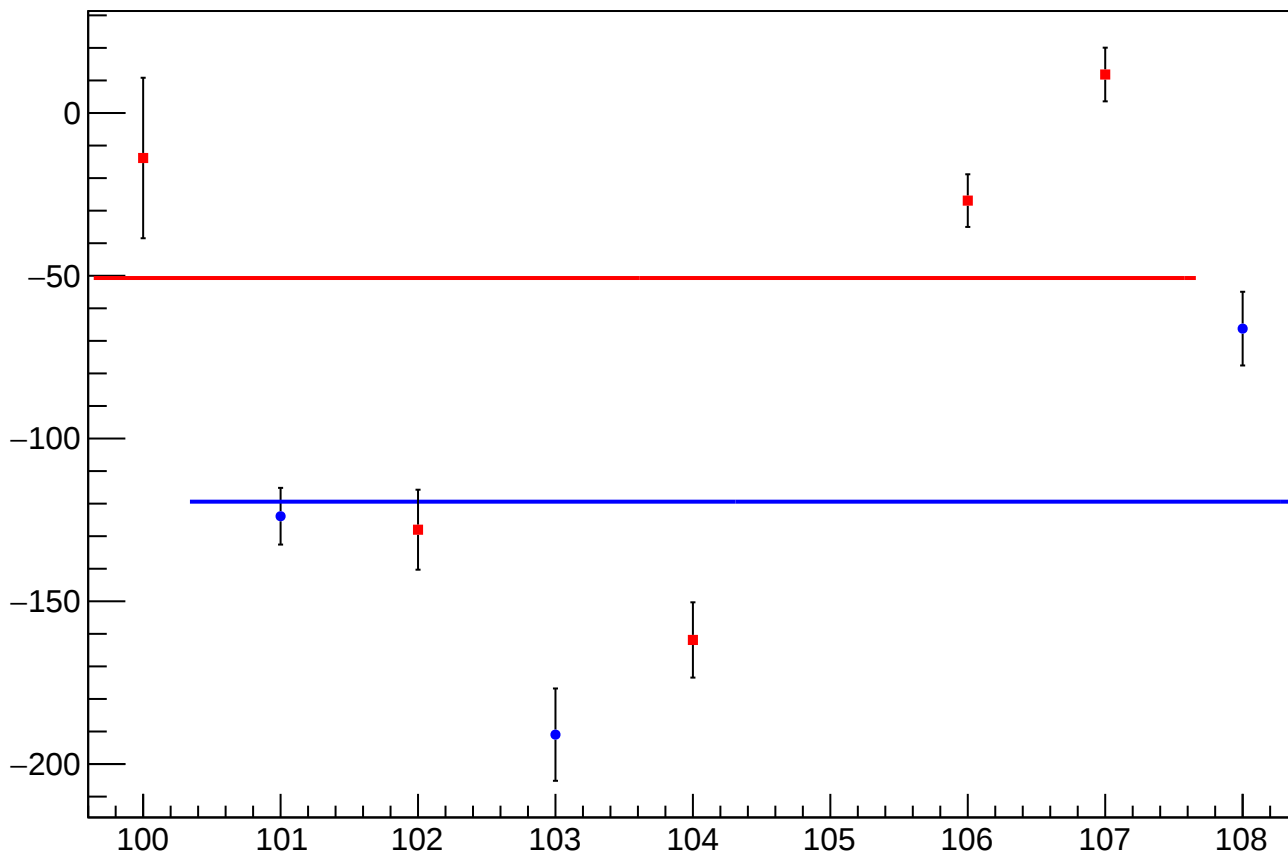
Right: -11.693 $\pm$ 1.980 χ^2 /NDF: 129.2/7

In: -17.399 $\pm$ 3.481 χ^2 /NDF:45.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.693 $\pm$ 1.980 χ^2 /NDF: 129.2/7

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -119.396 $\pm$ 6.207 χ^2 /NDF: 47.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -50.691 $\pm$ 4.676 χ^2 /NDF: 200.4/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

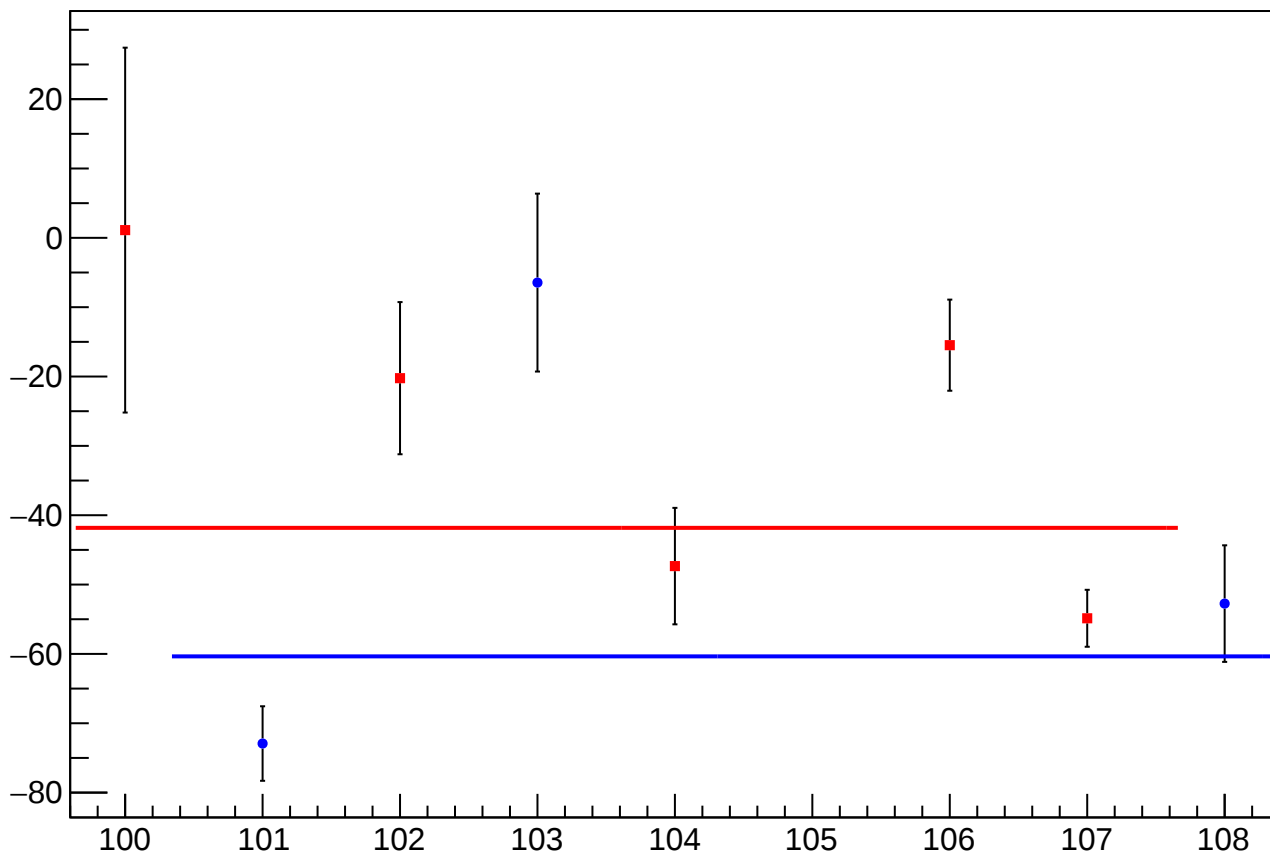
Right: -75.566 $\pm$ 3.735 χ^2 /NDF: 326.4/7

In: -119.396 $\pm$ 6.207 χ^2 /NDF:47.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -75.566 $\pm$ 3.735 χ^2 /NDF: 326.4/7

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -60.355+/-4.270 χ^2/NDF : 23.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.821+/-3.066 χ^2/NDF : 33.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

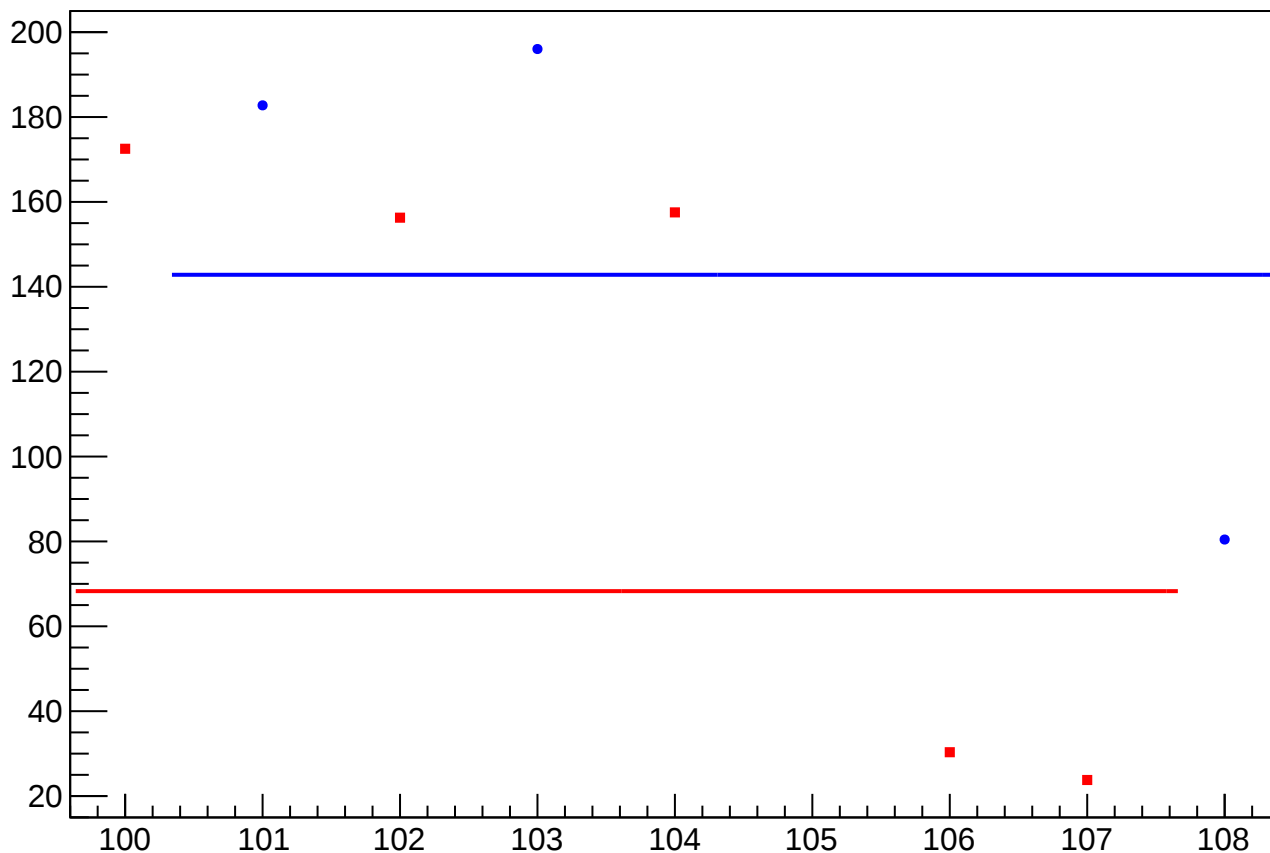
Right: -48.126+/-2.490 χ^2/NDF : 69.5/7

In: -60.355+/-4.270 χ^2/NDF : 23.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.126+/-2.490 χ^2/NDF : 69.5/7

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 142.831+/-0.169 χ^2/NDF : 102175.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.288+/-0.113 χ^2/NDF : 292819.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

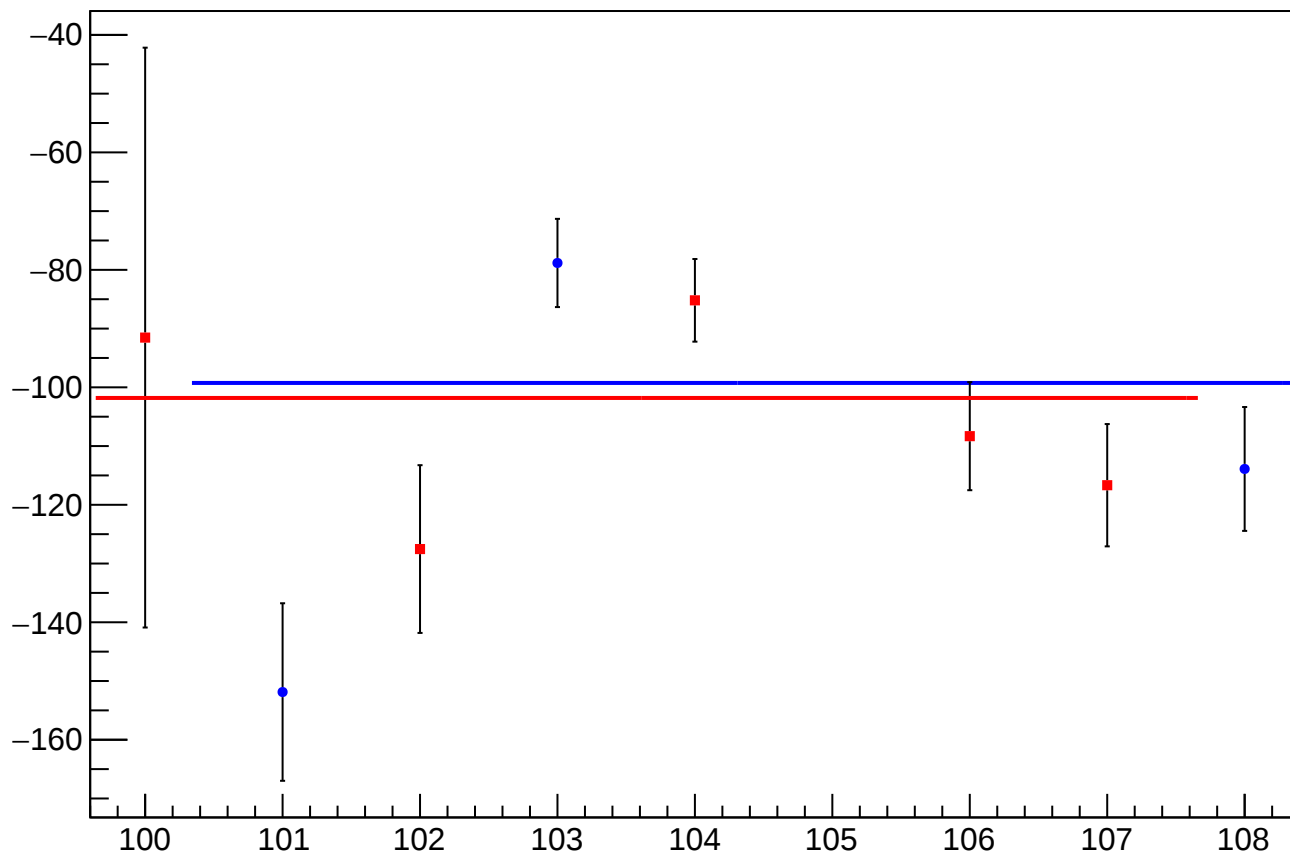
Right: 91.195+/-0.094 χ^2/NDF : 529505.1/7

In: 142.831+/-0.169 χ^2/NDF : 102175.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.195+/-0.094 χ^2/NDF : 529505.1/7

reg_asym_atr_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -99.252 $\pm$ 5.671 χ^2 /NDF: 21.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -101.809 $\pm$ 4.635 χ^2 /NDF: 11.4/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

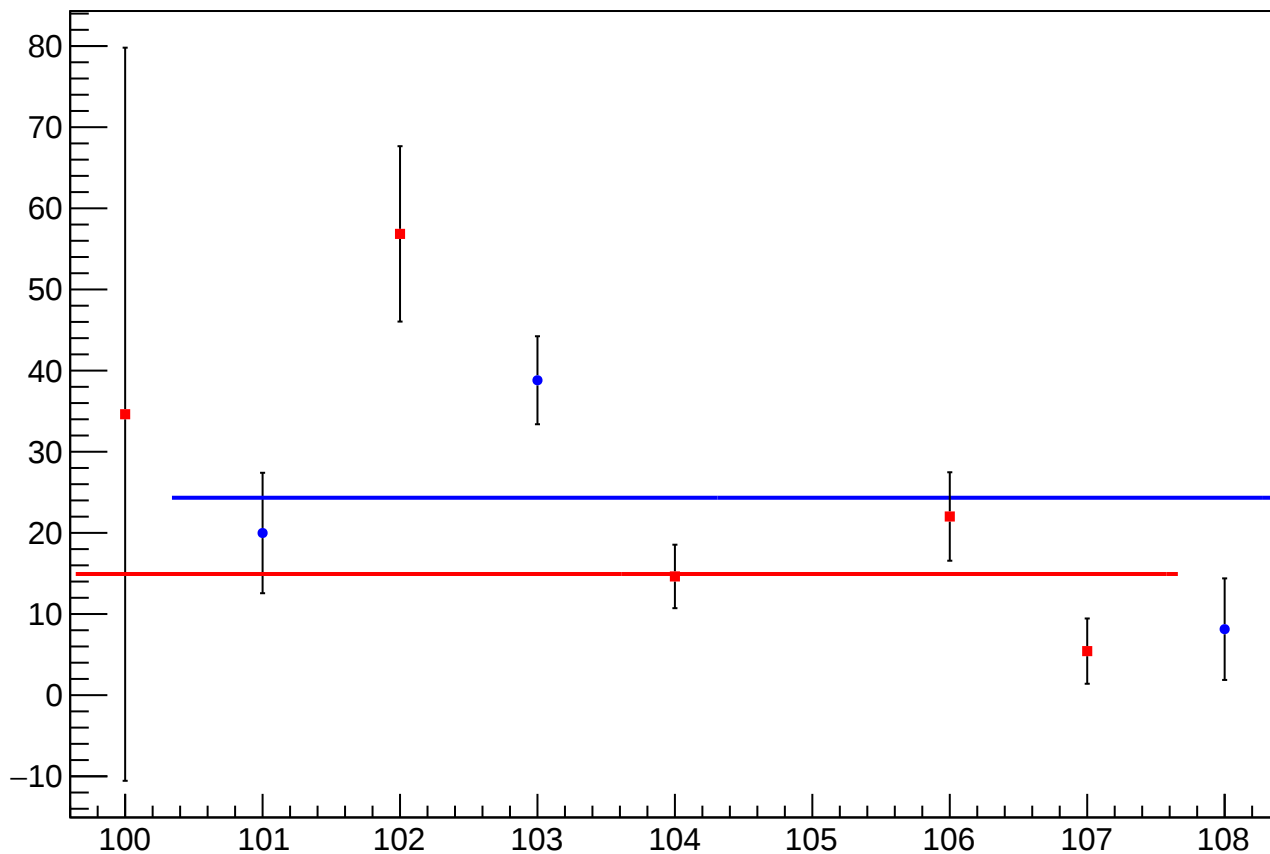
Right: -100.785 $\pm$ 3.589 χ^2 /NDF: 33.0/7

In: -99.252 $\pm$ 5.671 χ^2 /NDF: 21.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -100.785 $\pm$ 3.589 χ^2 /NDF: 33.0/7

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.331+/-3.588 χ^2/NDF : 14.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.933+/-2.427 χ^2/NDF : 22.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

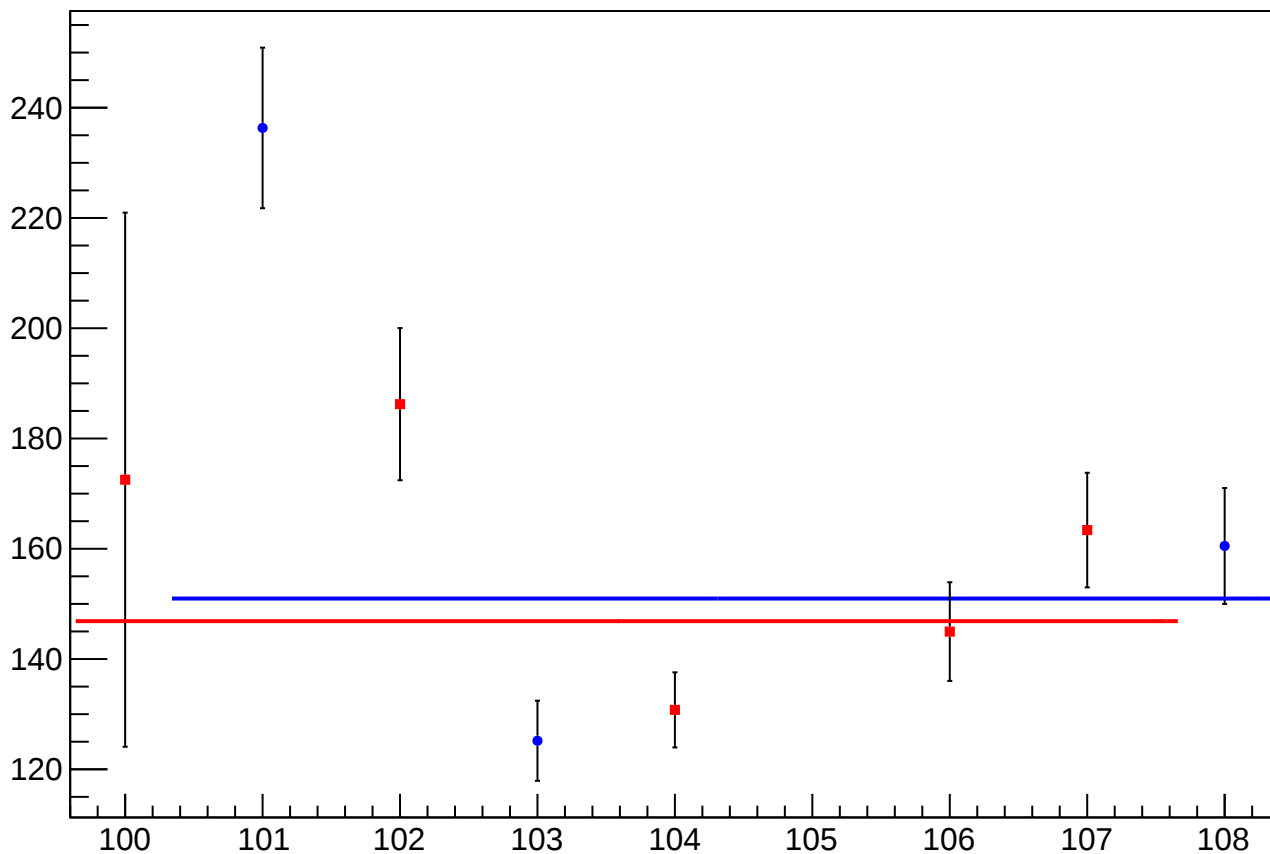
Right: 17.883+/-2.010 χ^2/NDF : 41.4/7

In: 24.331+/-3.588 χ^2/NDF : 14.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.883+/-2.010 χ^2/NDF : 41.4/7

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 150.970 $\pm$ 5.529 χ^2 /NDF: 47.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 146.870 $\pm$ 4.519 χ^2 /NDF: 16.6/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

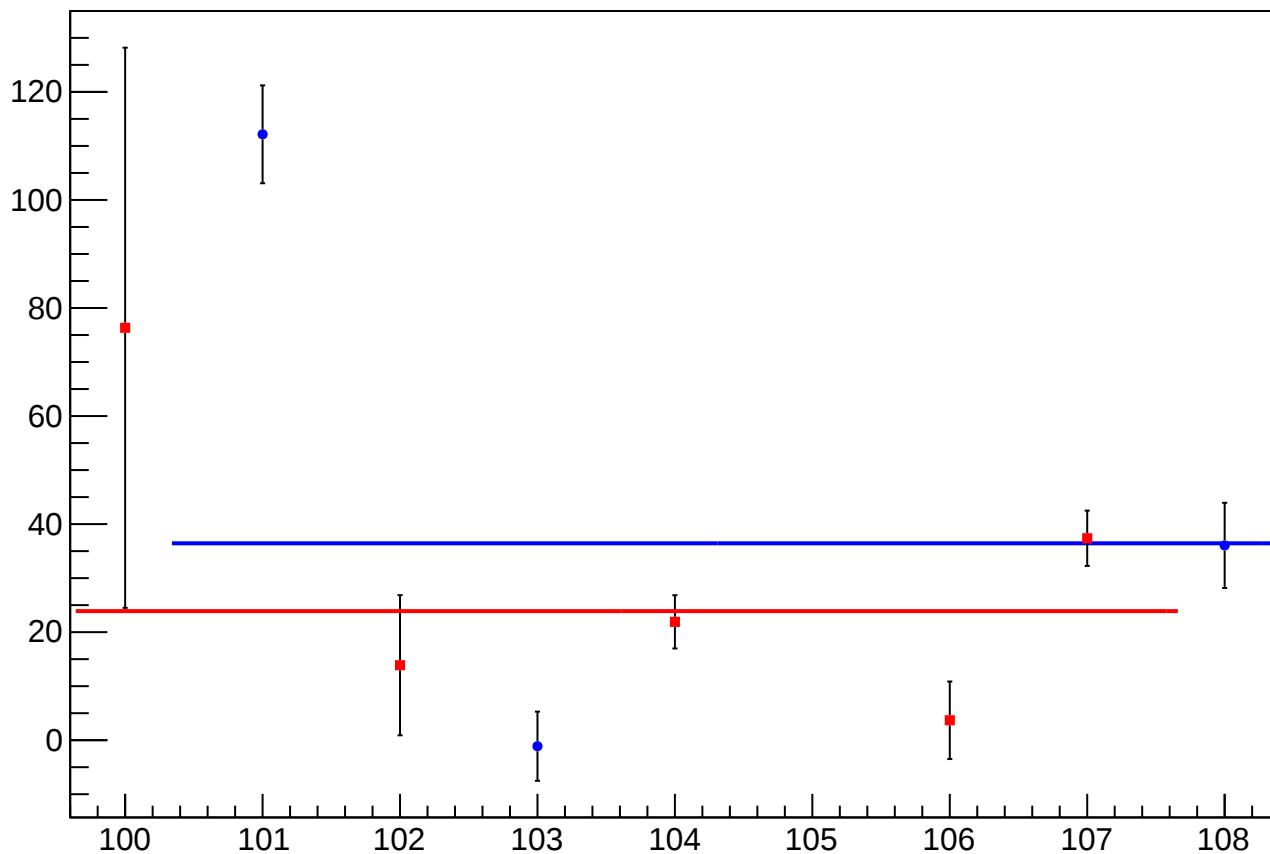
Right: 148.512 $\pm$ 3.499 χ^2 /NDF: 64.7/7

In: 150.970 $\pm$ 5.529 χ^2 /NDF: 47.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 148.512 $\pm$ 3.499 χ^2 /NDF: 64.7/7

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 36.445+/-4.358 χ^2/NDF : 104.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.893+/-3.085 χ^2/NDF : 16.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

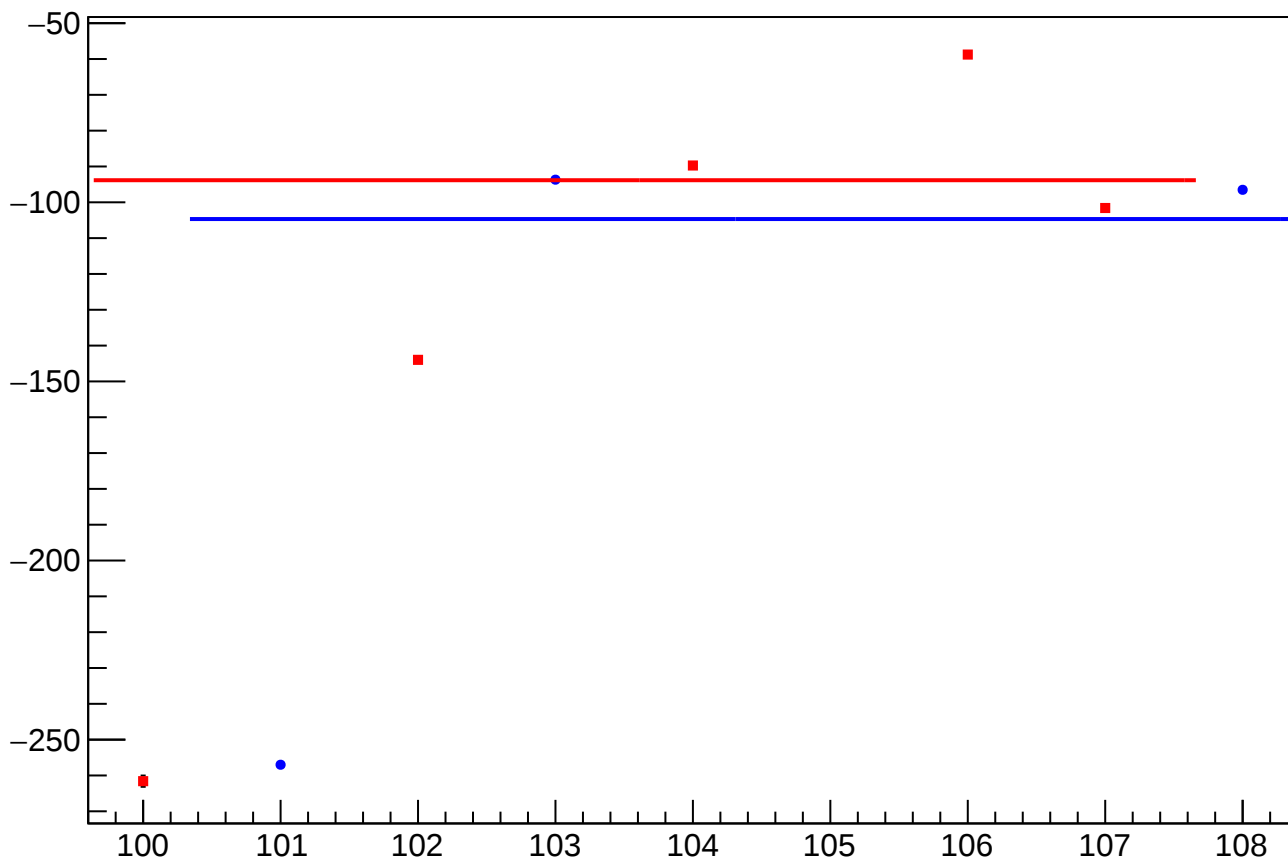
Right: 28.084+/-2.518 χ^2/NDF : 126.4/7

In: 36.445+/-4.358 χ^2/NDF : 104.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.084+/-2.518 χ^2/NDF : 126.4/7

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -104.673+/-0.131 χ^2/NDF : 90382.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -93.835+/-0.114 χ^2/NDF : 57768.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

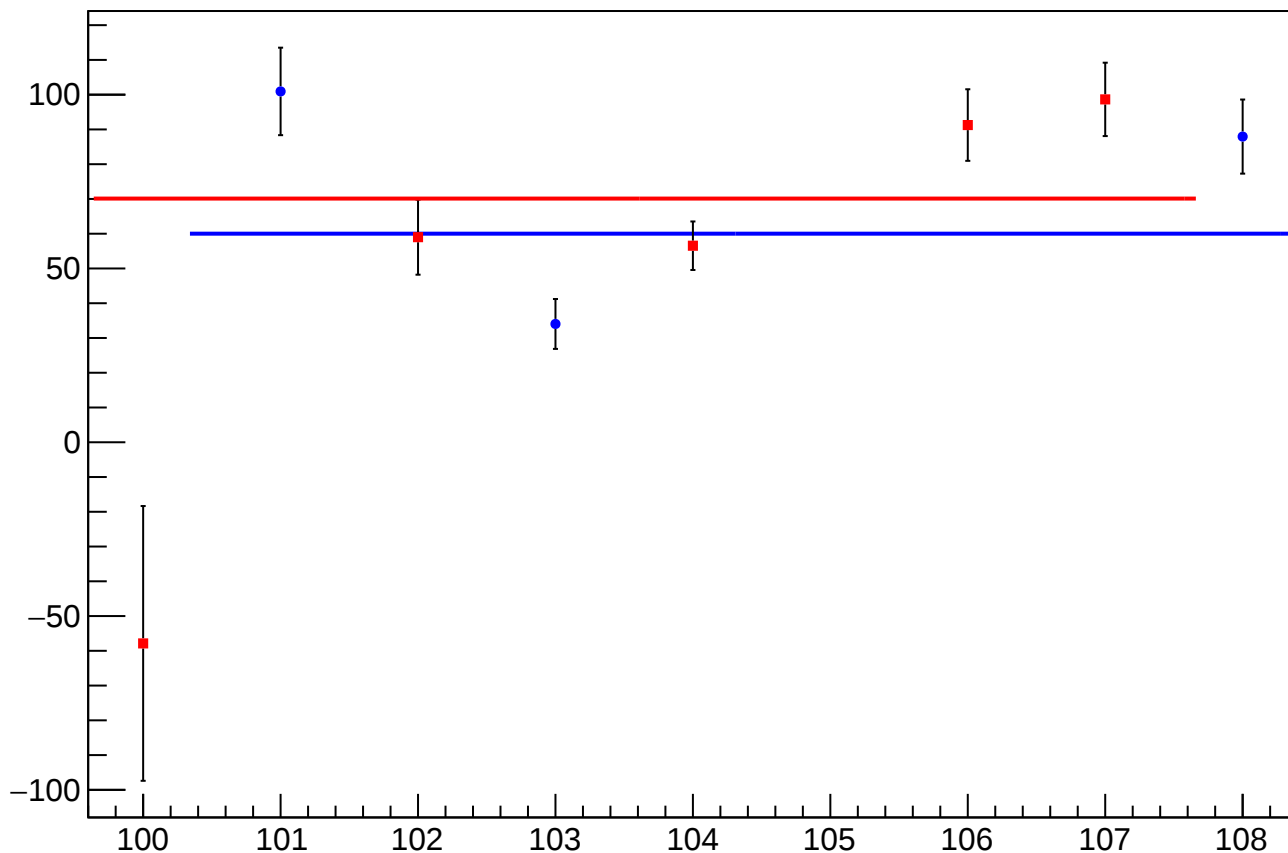
Right: -98.507+/-0.086 χ^2/NDF : 152074.5/7

In: -104.673+/-0.131 χ^2/NDF : 90382.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -98.507+/-0.086 χ^2/NDF : 152074.5/7

reg_asym_atr_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 60.010 $\pm$ 5.382 χ^2 /NDF: 30.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 70.109 $\pm$ 4.557 χ^2 /NDF: 26.9/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

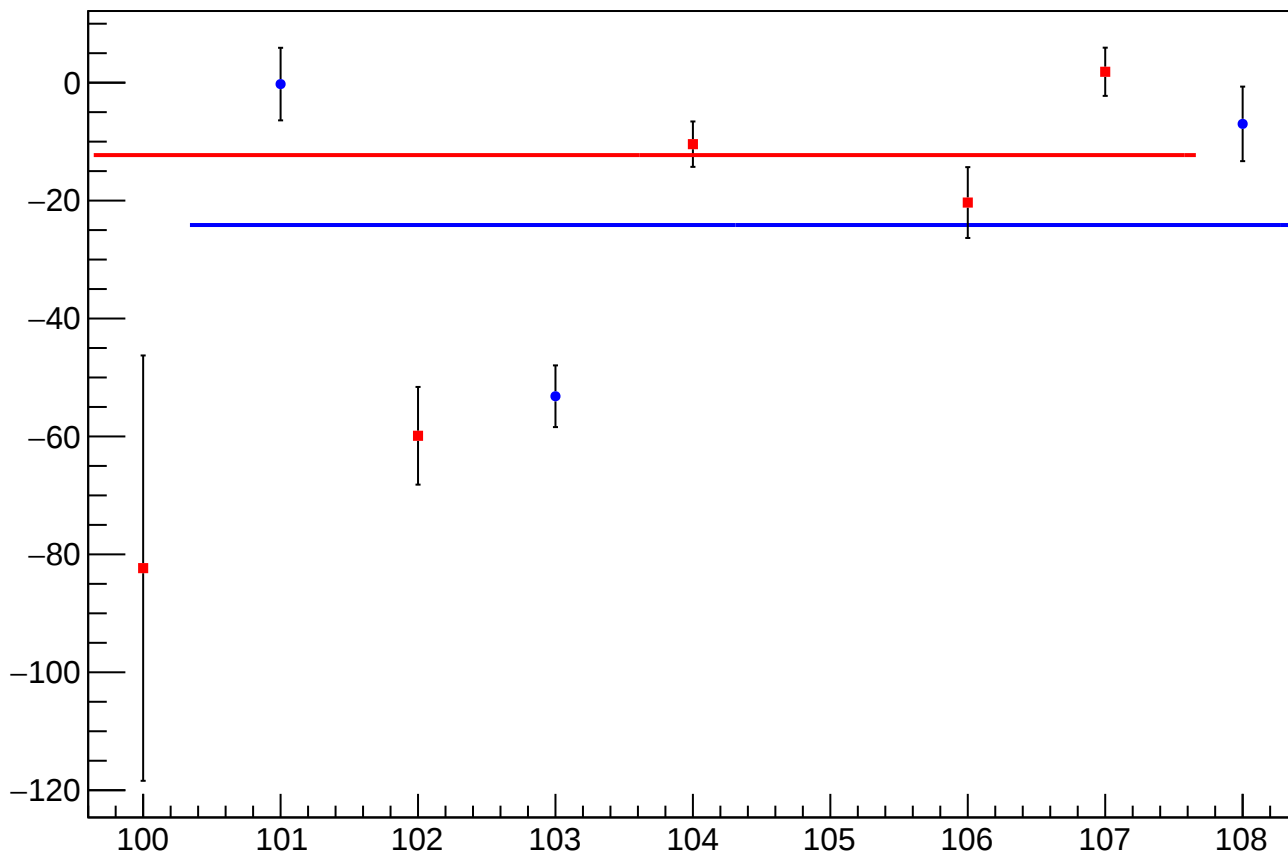
Right: 65.892 $\pm$ 3.478 χ^2 /NDF: 59.4/7

In: 60.010 $\pm$ 5.382 χ^2 /NDF:30.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 65.892 $\pm$ 3.478 χ^2 /NDF: 59.4/7

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -24.142 $\pm$ 3.372 χ^2 /NDF: 53.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -12.282 $\pm$ 2.423 χ^2 /NDF: 50.8/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

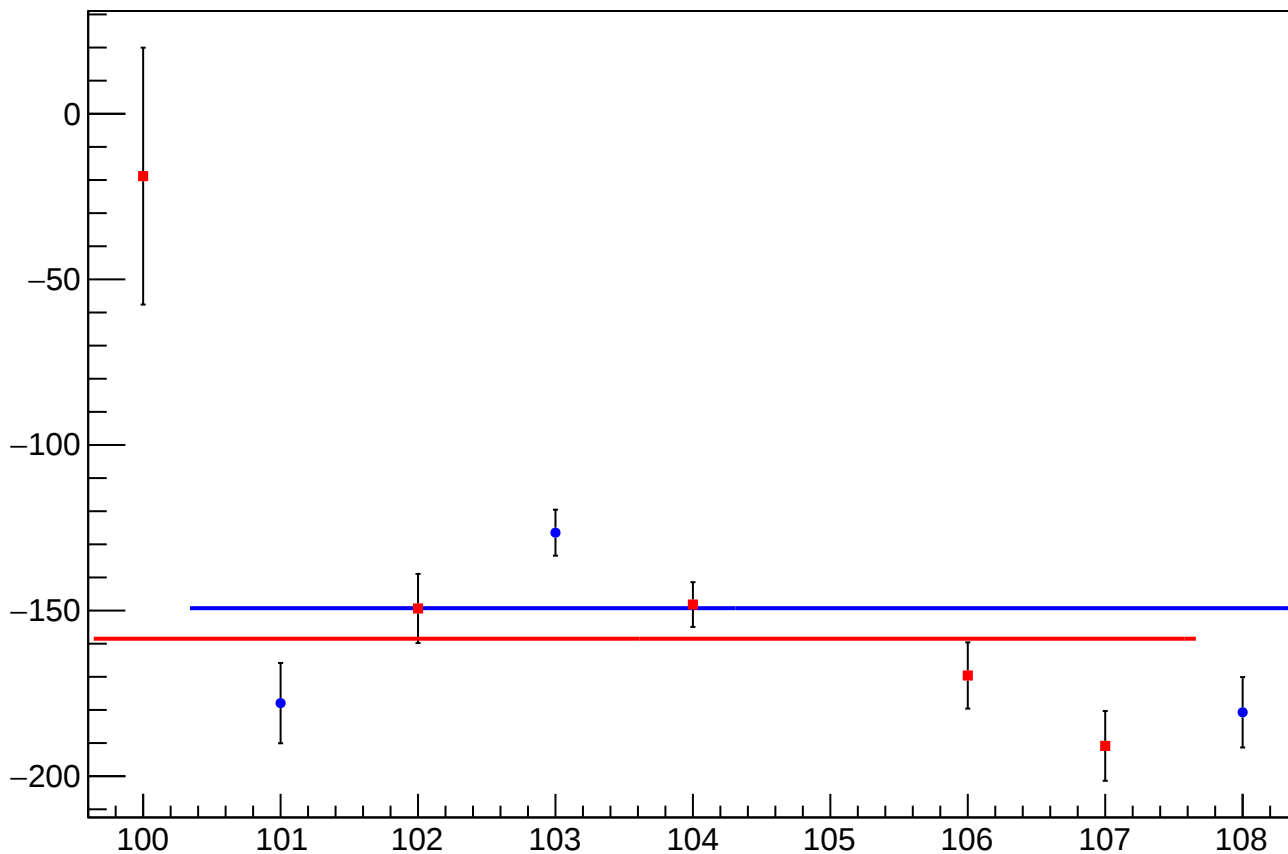
Right: -16.320 $\pm$ 1.968 χ^2 /NDF: 112.2/7

In: -24.142 $\pm$ 3.372 χ^2 /NDF: 53.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -16.320 $\pm$ 1.968 χ^2 /NDF: 112.2/7

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -149.272 $\pm$ 5.241 χ^2 /NDF: 25.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -158.494 $\pm$ 4.439 χ^2 /NDF: 26.7/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

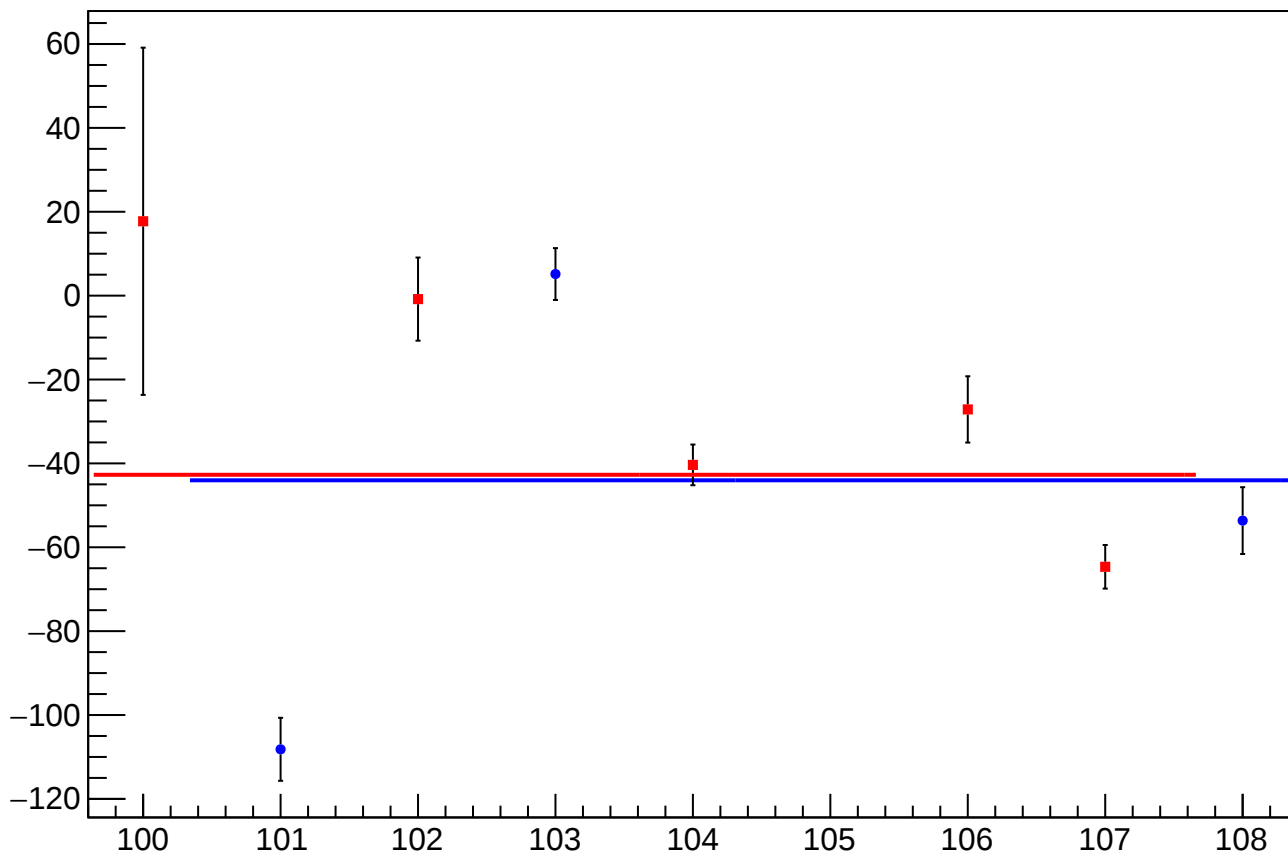
Right: -154.642 $\pm$ 3.387 χ^2 /NDF: 53.7/7

In: -149.272 $\pm$ 5.241 χ^2 /NDF:25.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -154.642 $\pm$ 3.387 χ^2 /NDF: 53.7/7

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -44.032 $\pm$ 4.094 χ^2 /NDF: 137.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -42.716 $\pm$ 3.068 χ^2 /NDF: 41.9/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

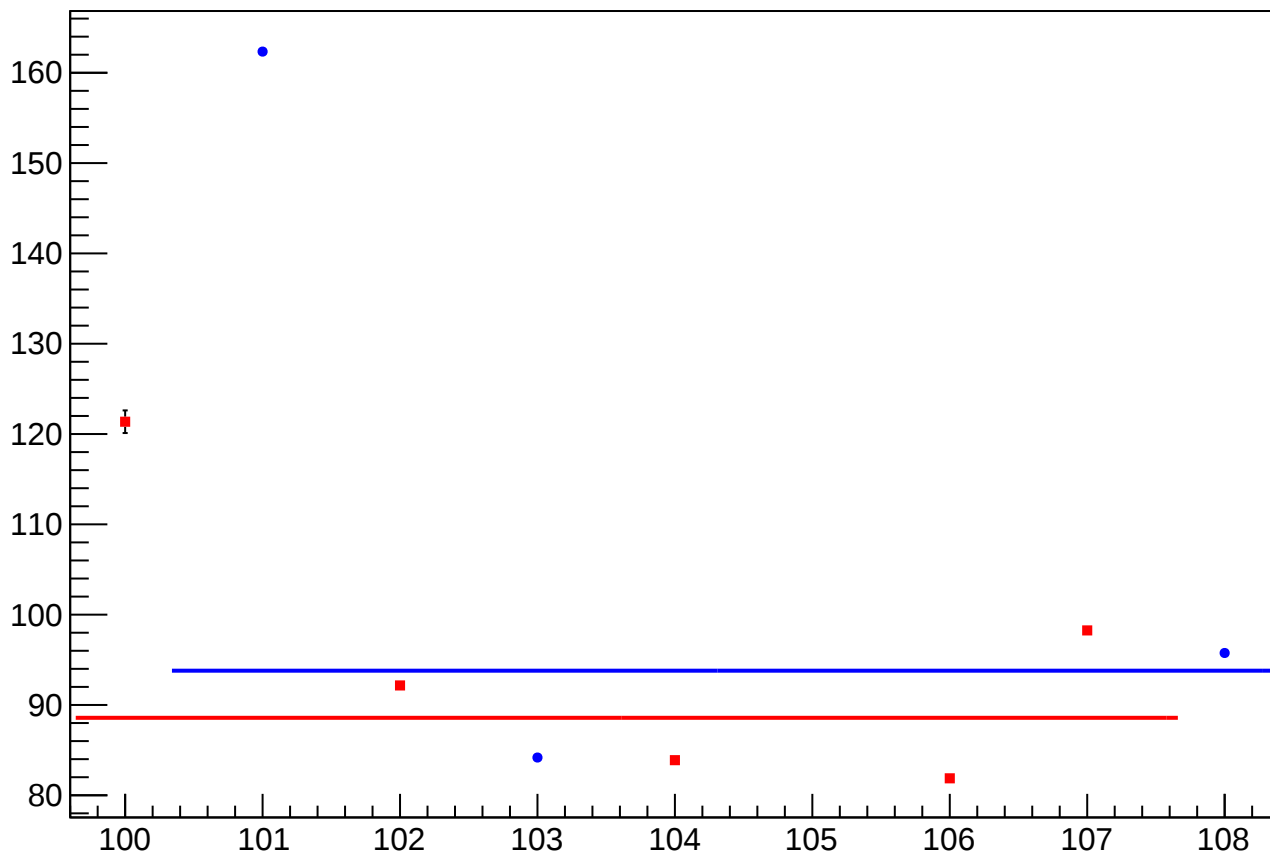
Right: -43.189 $\pm$ 2.455 χ^2 /NDF: 179.7/7

In: -44.032 $\pm$ 4.094 χ^2 /NDF:137.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -43.189 $\pm$ 2.455 χ^2 /NDF: 179.7/7

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 93.796+/-0.125 χ^2/NDF : 28795.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.579+/-0.110 χ^2/NDF : 3853.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

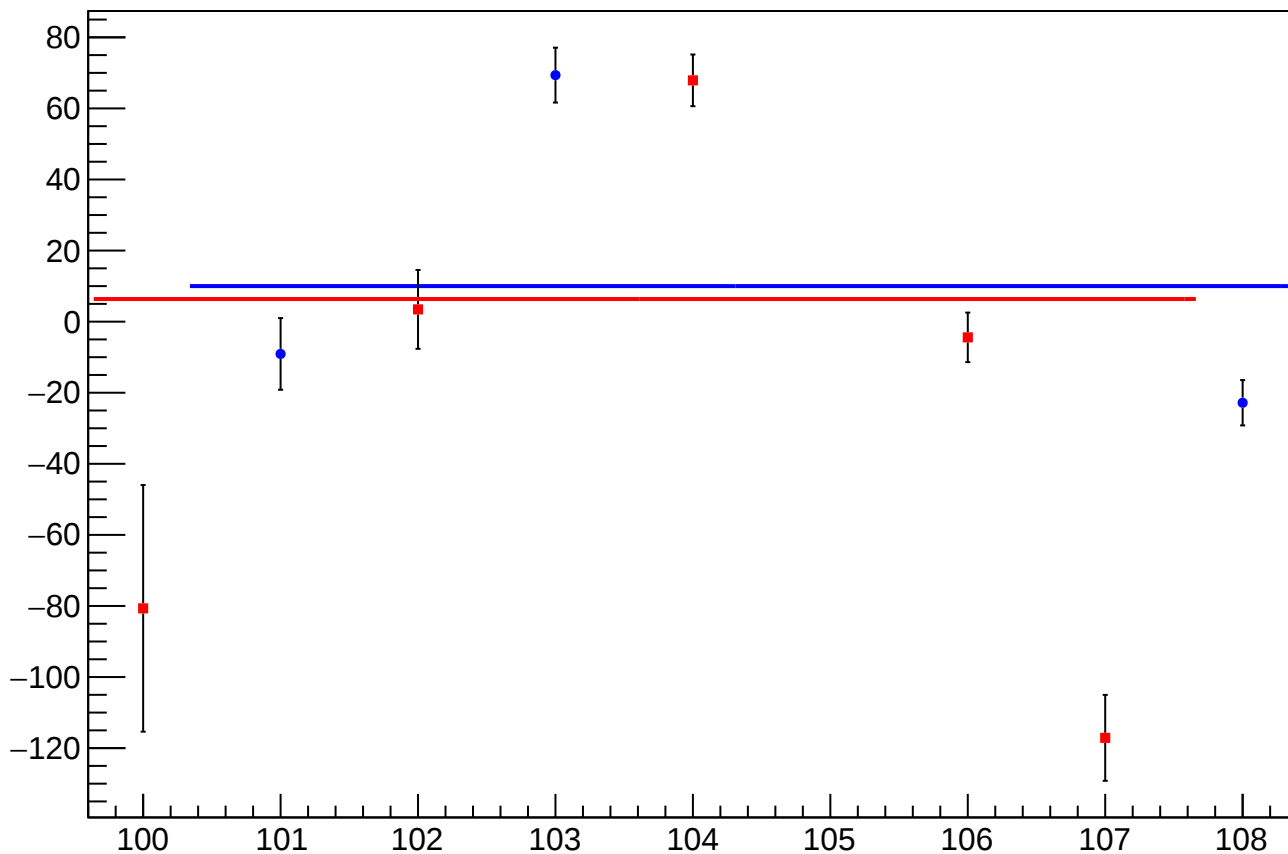
Right: 90.851+/-0.083 χ^2/NDF : 33625.1/7

In: 93.796+/-0.125 χ^2/NDF : 28795.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.851+/-0.083 χ^2/NDF : 33625.1/7

reg_asym_at1_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 10.002+/-4.419 χ^2/NDF : 89.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.371+/-4.252 χ^2/NDF : 184.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

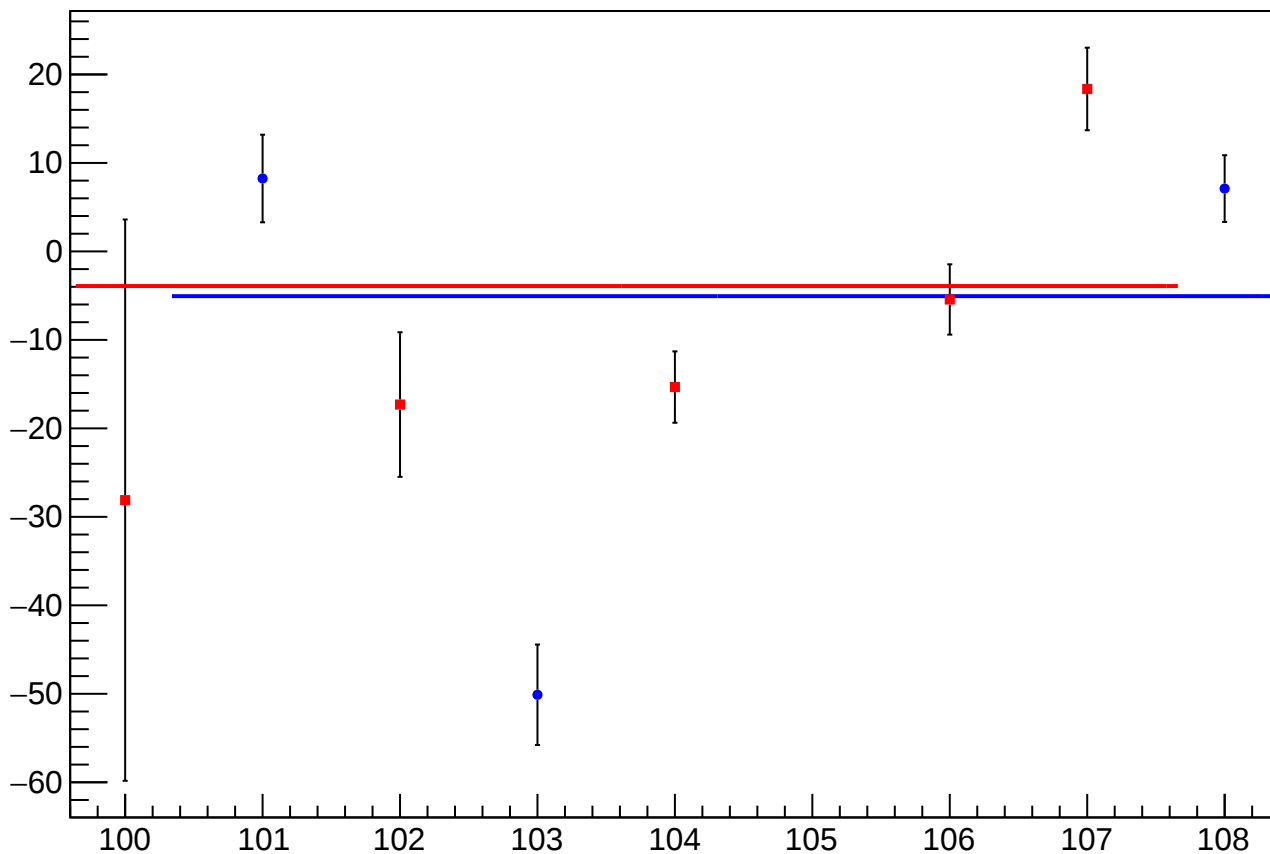
Right: 8.116+/-3.064 χ^2/NDF : 274.2/7

In: 10.002+/-4.419 χ^2/NDF : 89.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.116+/-3.064 χ^2/NDF : 274.2/7

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.057+/-2.653 χ^2/NDF : 80.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.914+/-2.315 χ^2/NDF : 34.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

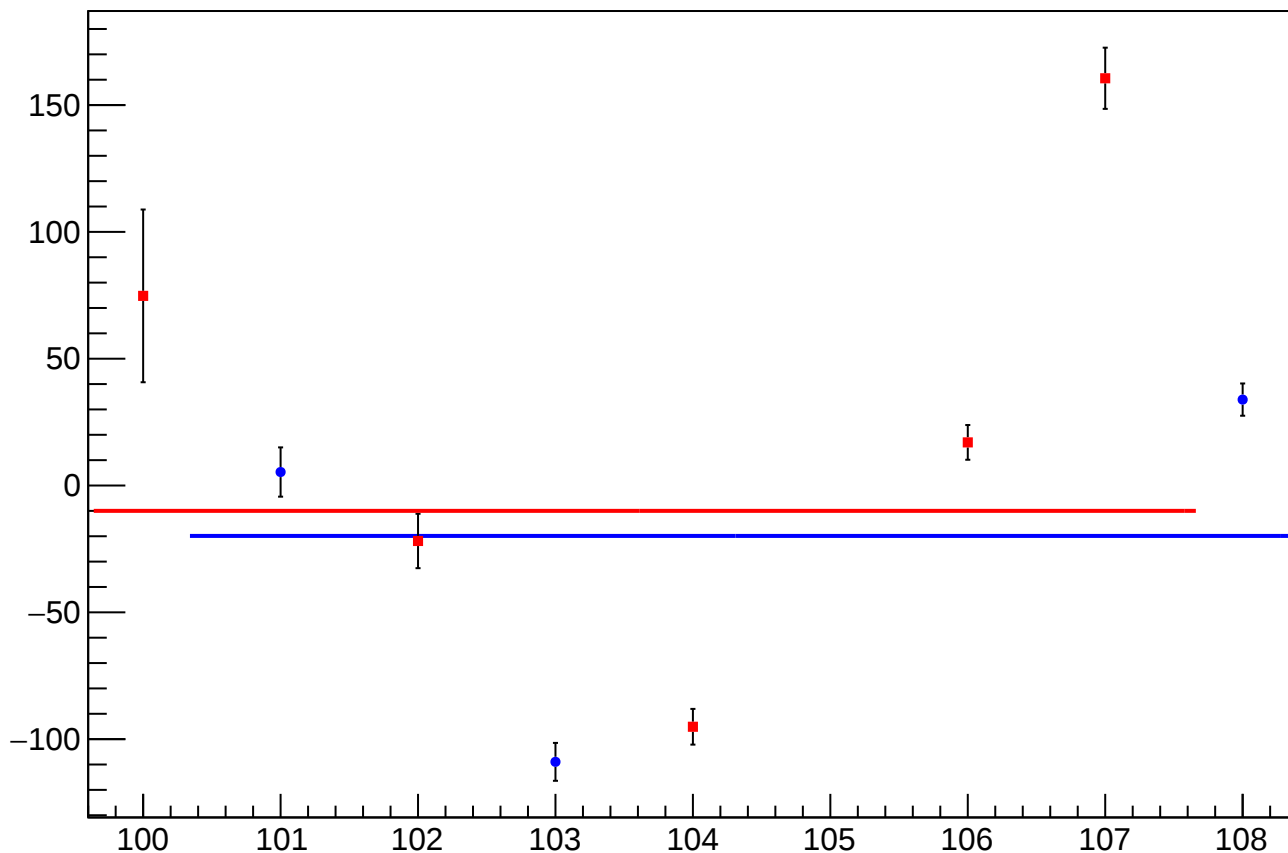
Right: -4.408+/-1.744 χ^2/NDF : 114.9/7

In: -5.057+/-2.653 χ^2/NDF : 80.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.408+/-1.744 χ^2/NDF : 114.9/7

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -19.871+/-4.333 χ^2/NDF : 220.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.990+/-4.155 χ^2/NDF : 369.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

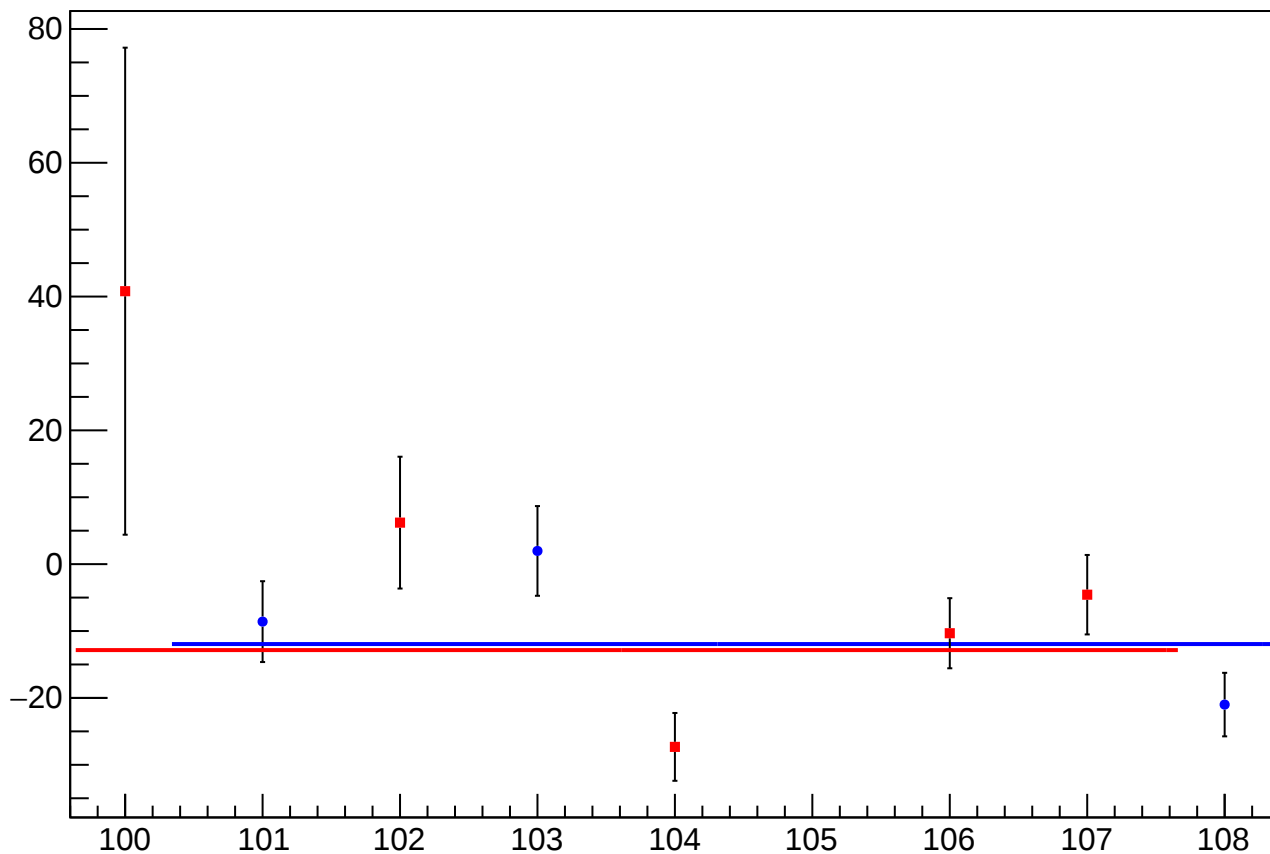
Right: -14.723+/-2.999 χ^2/NDF : 592.1/7

In: -19.871+/-4.333 χ^2/NDF : 220.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.723+/-2.999 χ^2/NDF : 592.1/7

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.947 $\pm$ 3.262 χ^2 /NDF: 8.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -12.849 $\pm$ 2.953 χ^2 /NDF: 16.2/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

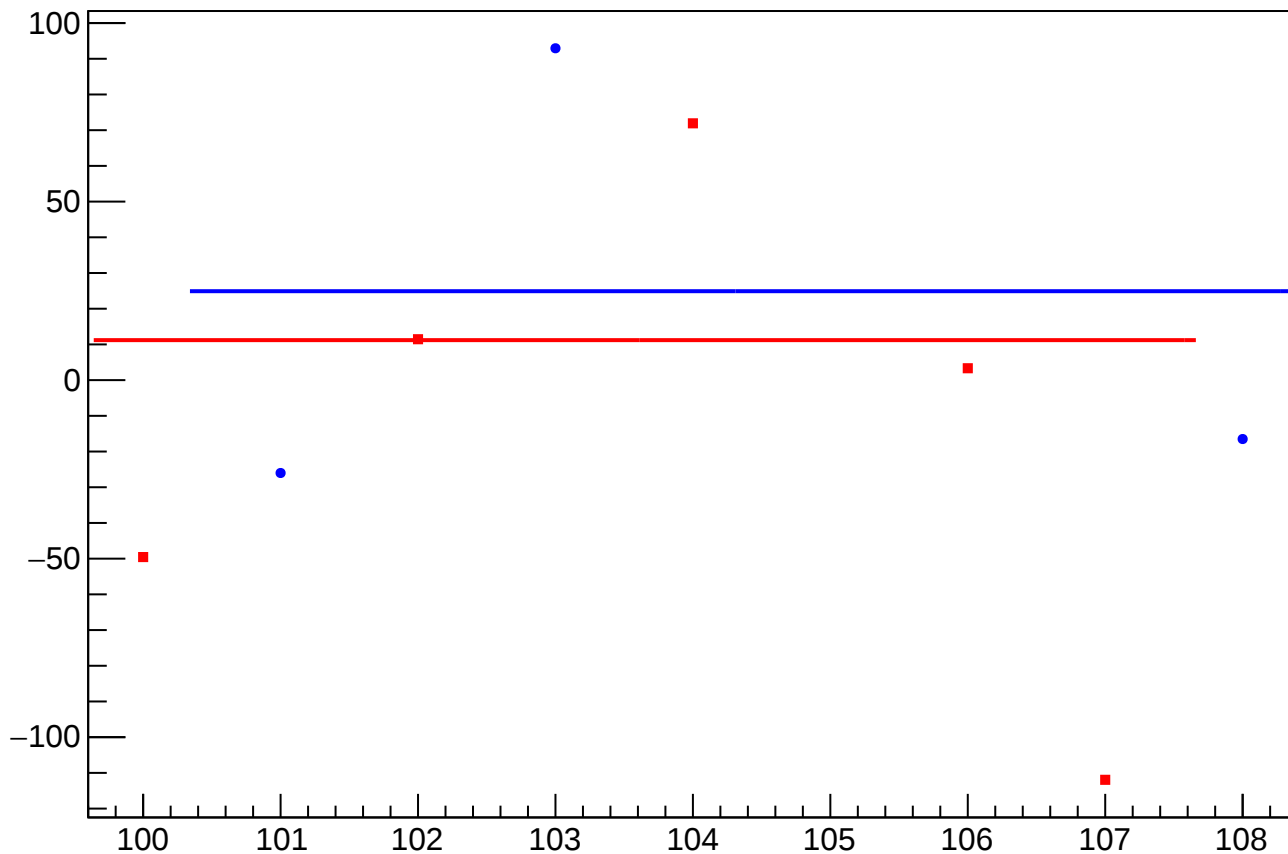
Right: -12.443 $\pm$ 2.189 χ^2 /NDF: 24.5/7

In: -11.947 $\pm$ 3.262 χ^2 /NDF: 8.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -12.443 $\pm$ 2.189 χ^2 /NDF: 24.5/7

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 24.906 $\pm$ 0.104 χ^2 /NDF: 269429.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.200 $\pm$ 0.104 χ^2 /NDF: 317514.9/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

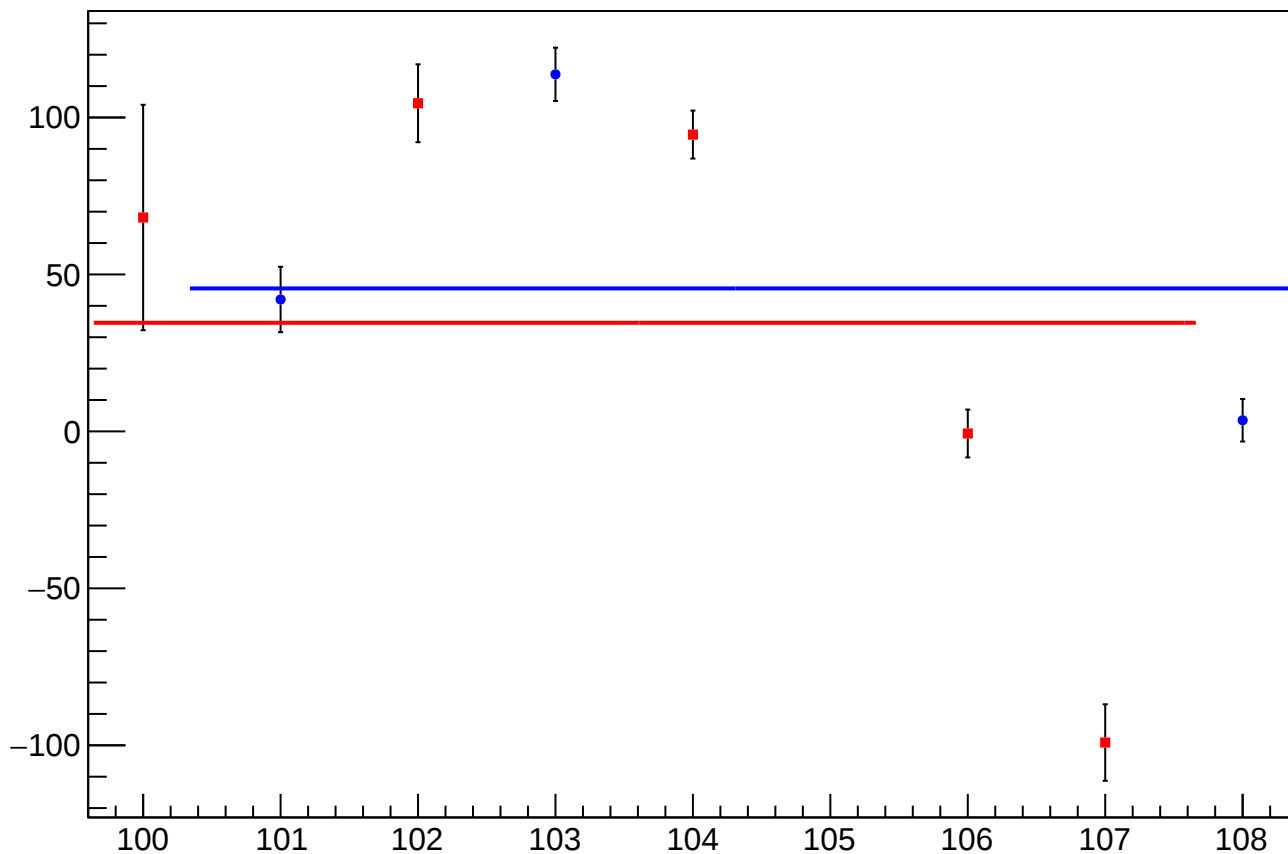
Right: 18.051 $\pm$ 0.074 χ^2 /NDF: 595619.9/7

In: 24.906 $\pm$ 0.104 χ^2 /NDF:269429.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 18.051 $\pm$ 0.074 χ^2 /NDF: 595619.9/7

reg_asym_at1_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 45.541+/-4.722 χ^2/NDF : 103.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.602+/-4.548 χ^2/NDF : 235.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

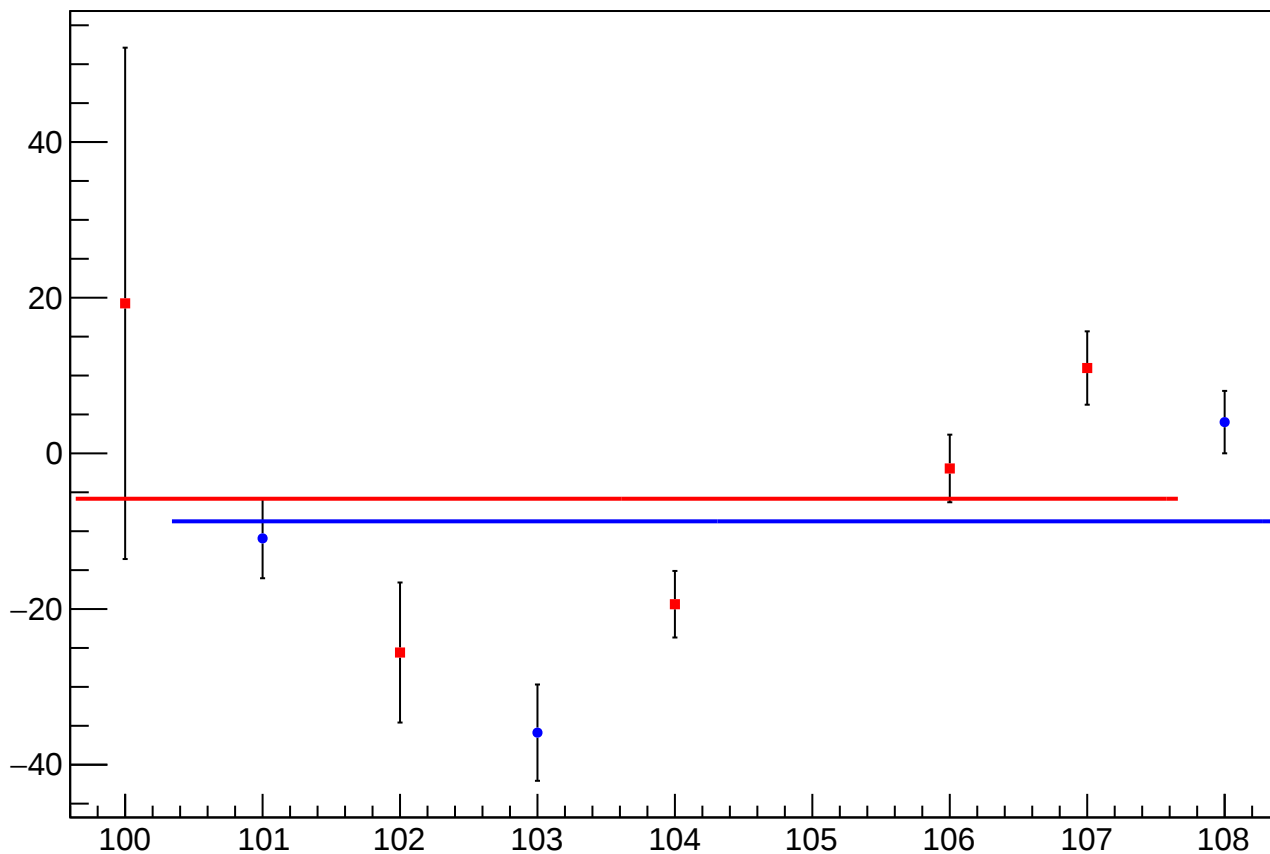
Right: 39.867+/-3.276 χ^2/NDF : 341.8/7

In: 45.541+/-4.722 χ^2/NDF : 103.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.867+/-3.276 χ^2/NDF : 341.8/7

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.730+/-2.812 χ^2/NDF : 29.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.828+/-2.454 χ^2/NDF : 29.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

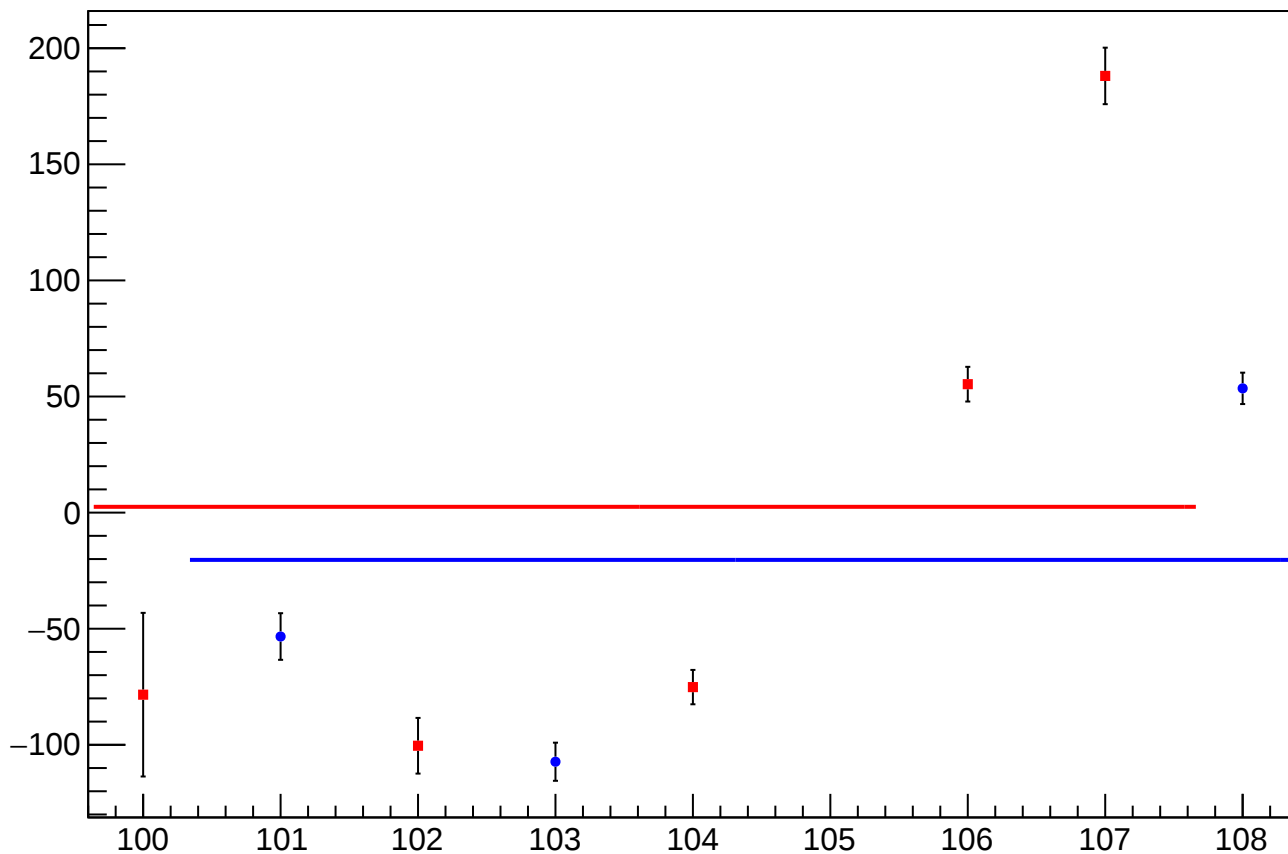
Right: -7.083+/-1.849 χ^2/NDF : 59.1/7

In: -8.730+/-2.812 χ^2/NDF : 29.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.083+/-1.849 χ^2/NDF : 59.1/7

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -20.357 ± 4.630 χ^2/NDF : 242.3/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.499 ± 4.441 χ^2/NDF : 471.7/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

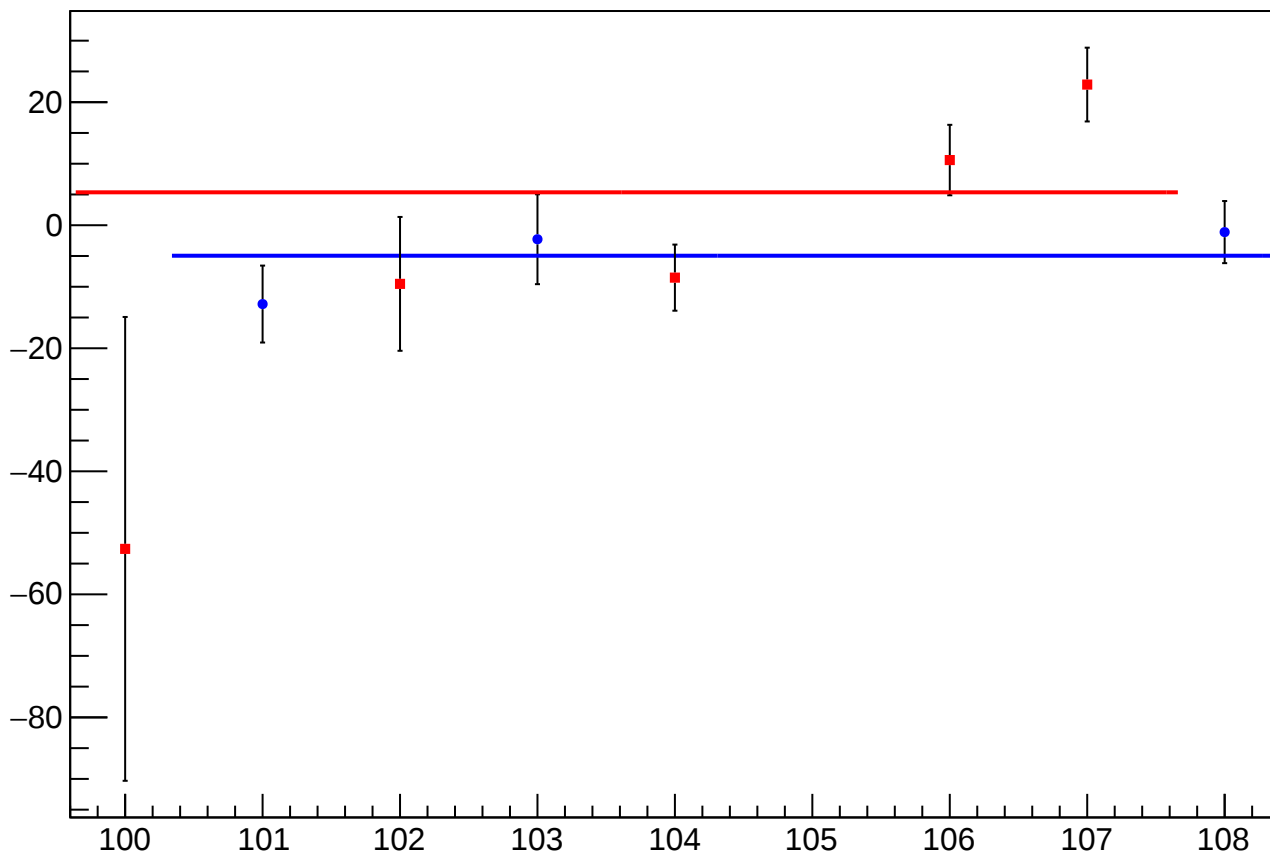
Right: -8.451 ± 3.205 χ^2/NDF : 726.7/7

In: -20.357 ± 4.630 χ^2/NDF : 242.3/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.451 ± 3.205 χ^2/NDF : 726.7/7

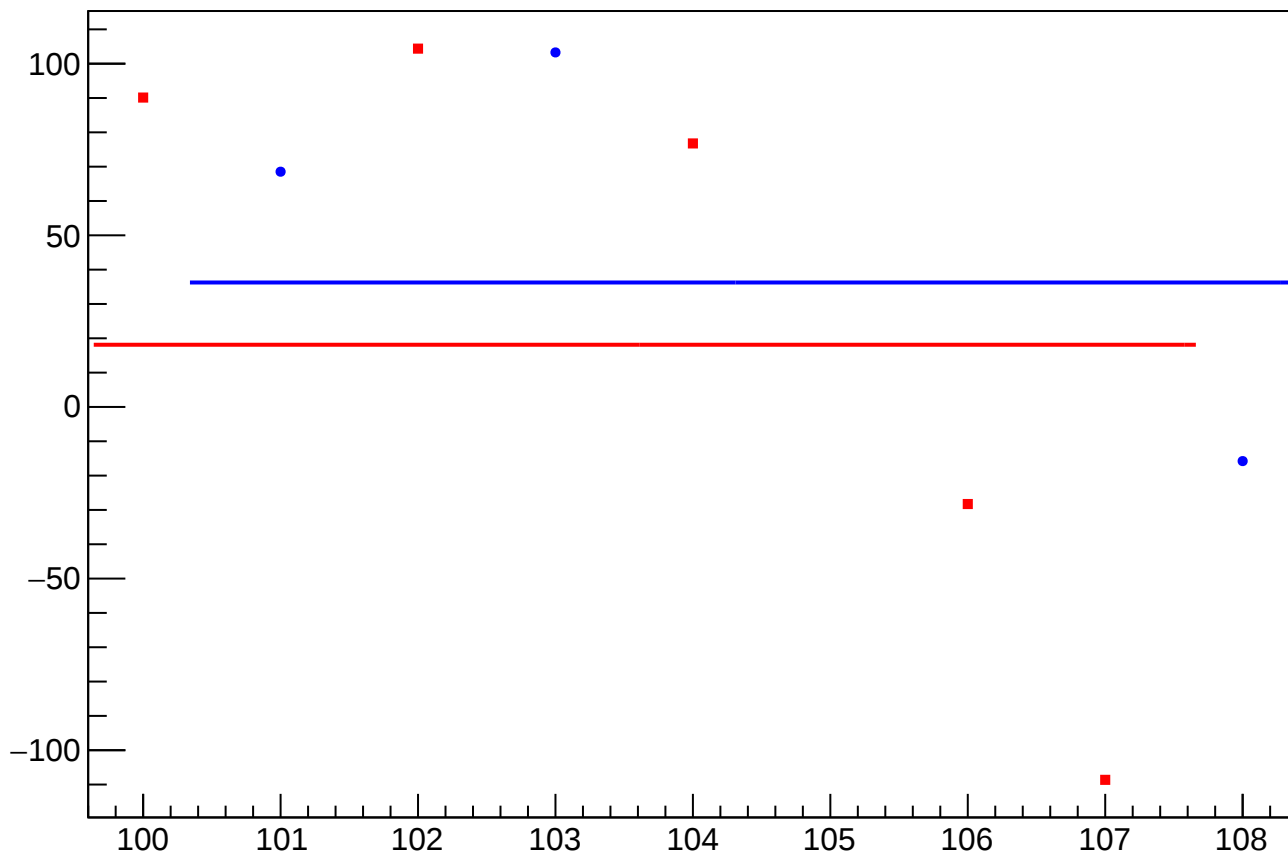
reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.957+/-3.460 χ^2/NDF : 2.3/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 5.350+/-3.130 χ^2/NDF : 20.3/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.711+/-2.321 χ^2/NDF : 27.4/7
 In: -4.957+/-3.460 χ^2/NDF : 2.3/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.711+/-2.321 χ^2/NDF : 27.4/7

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 36.257+/-0.112 χ^2/NDF : 256273.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.121+/-0.111 χ^2/NDF : 457871.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

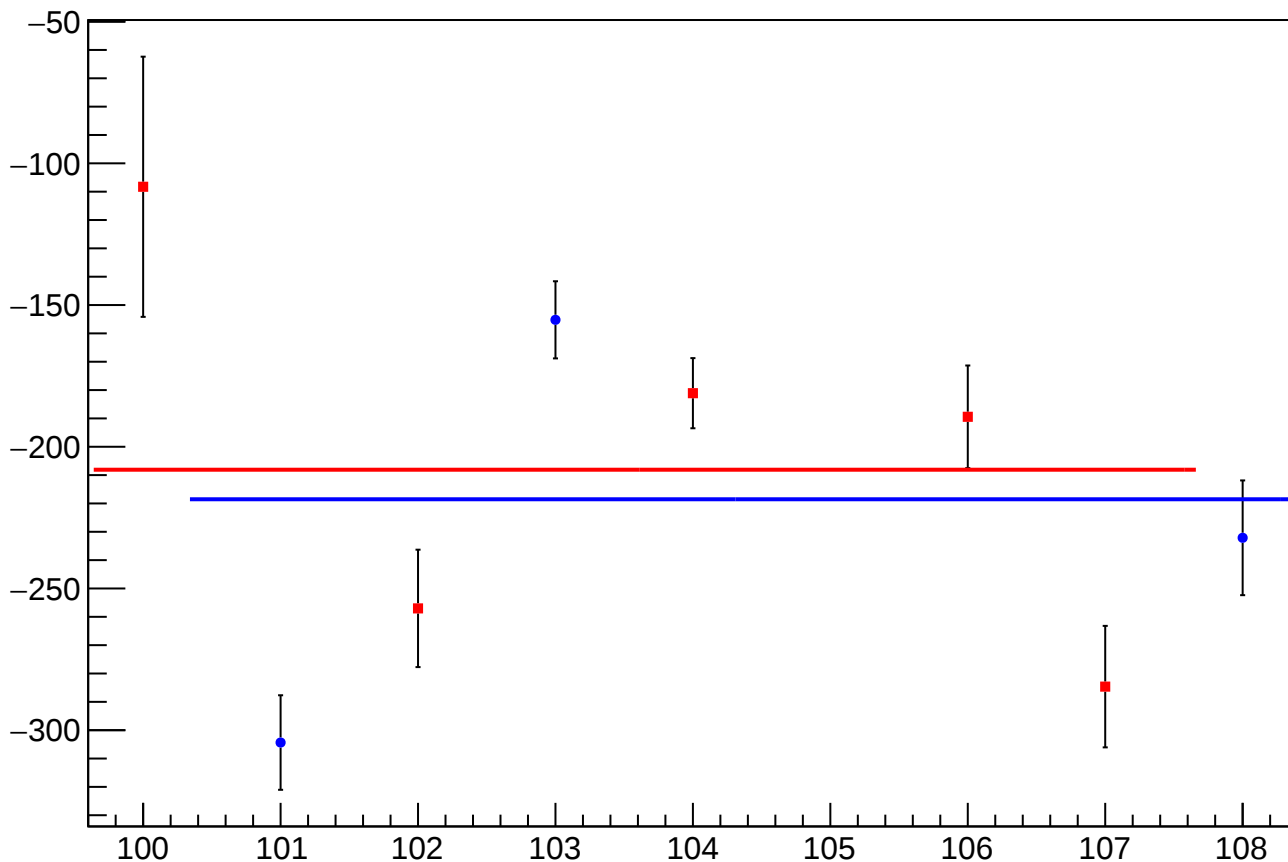
Right: 27.161+/-0.079 χ^2/NDF : 727337.1/7

In: 36.257+/-0.112 χ^2/NDF : 256273.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.161+/-0.079 χ^2/NDF : 727337.1/7

reg_asym_at2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -218.525+/-9.351 χ^2 /NDF: 48.6/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -208.099+/-8.286 χ^2 /NDF: 28.9/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

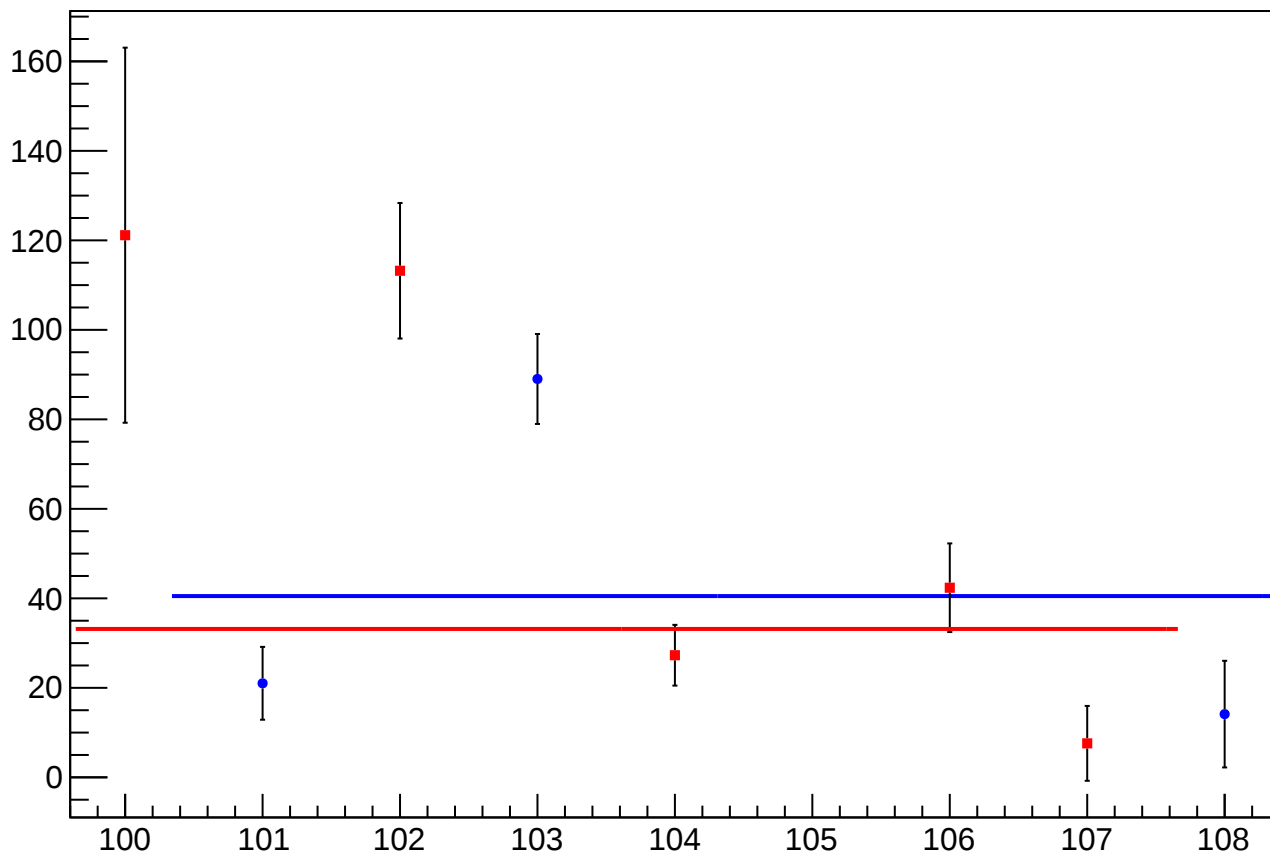
Right: -212.685+/-6.202 χ^2 /NDF: 78.2/7

In: -218.525+/-9.351 χ^2 /NDF:48.6/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -212.685+/-6.202 χ^2 /NDF: 78.2/7

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 40.508+/-5.587 χ^2/NDF : 33.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.163+/-4.423 χ^2/NDF : 43.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

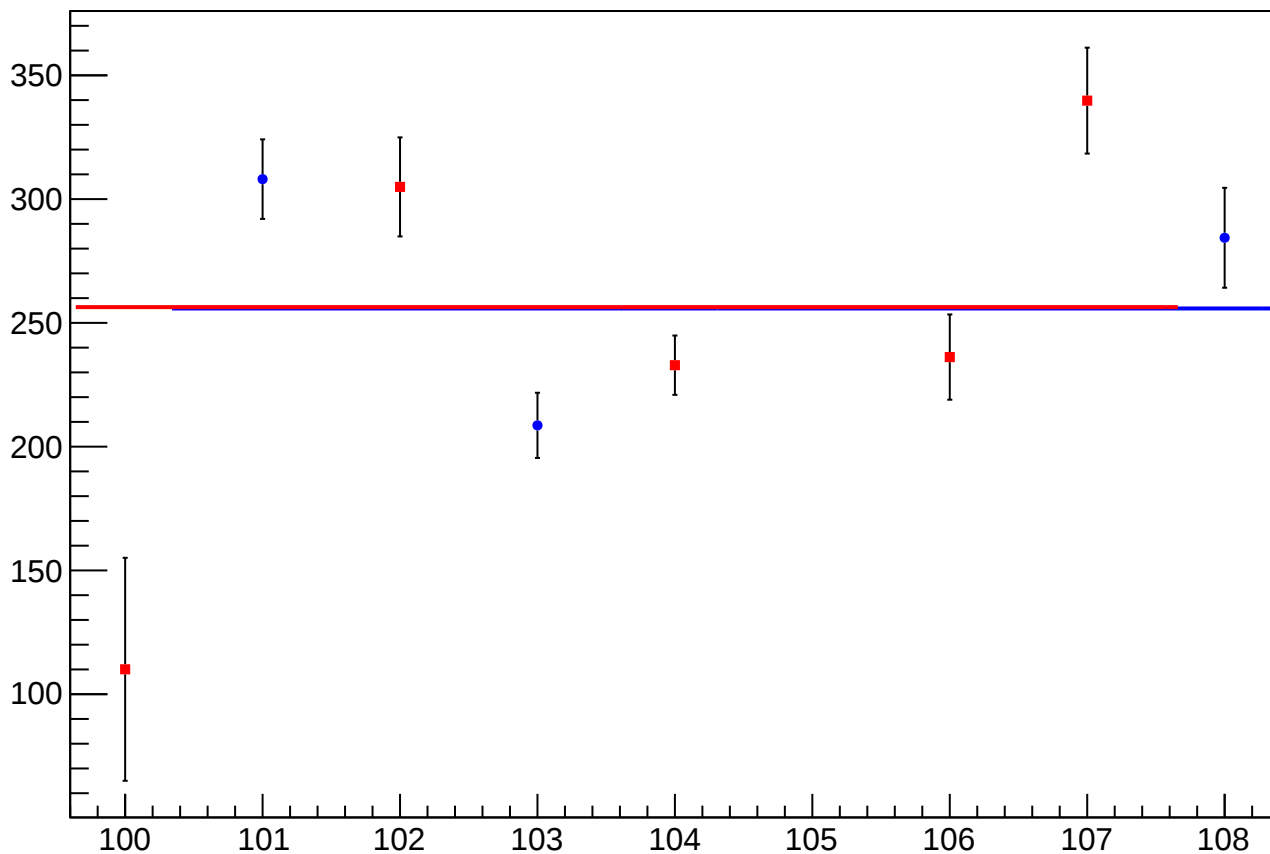
Right: 35.993+/-3.468 χ^2/NDF : 78.3/7

In: 40.508+/-5.587 χ^2/NDF : 33.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.993+/-3.468 χ^2/NDF : 78.3/7

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 255.818 $\pm$ 9.091 χ^2 /NDF: 25.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 256.367 $\pm$ 8.029 χ^2 /NDF: 36.9/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

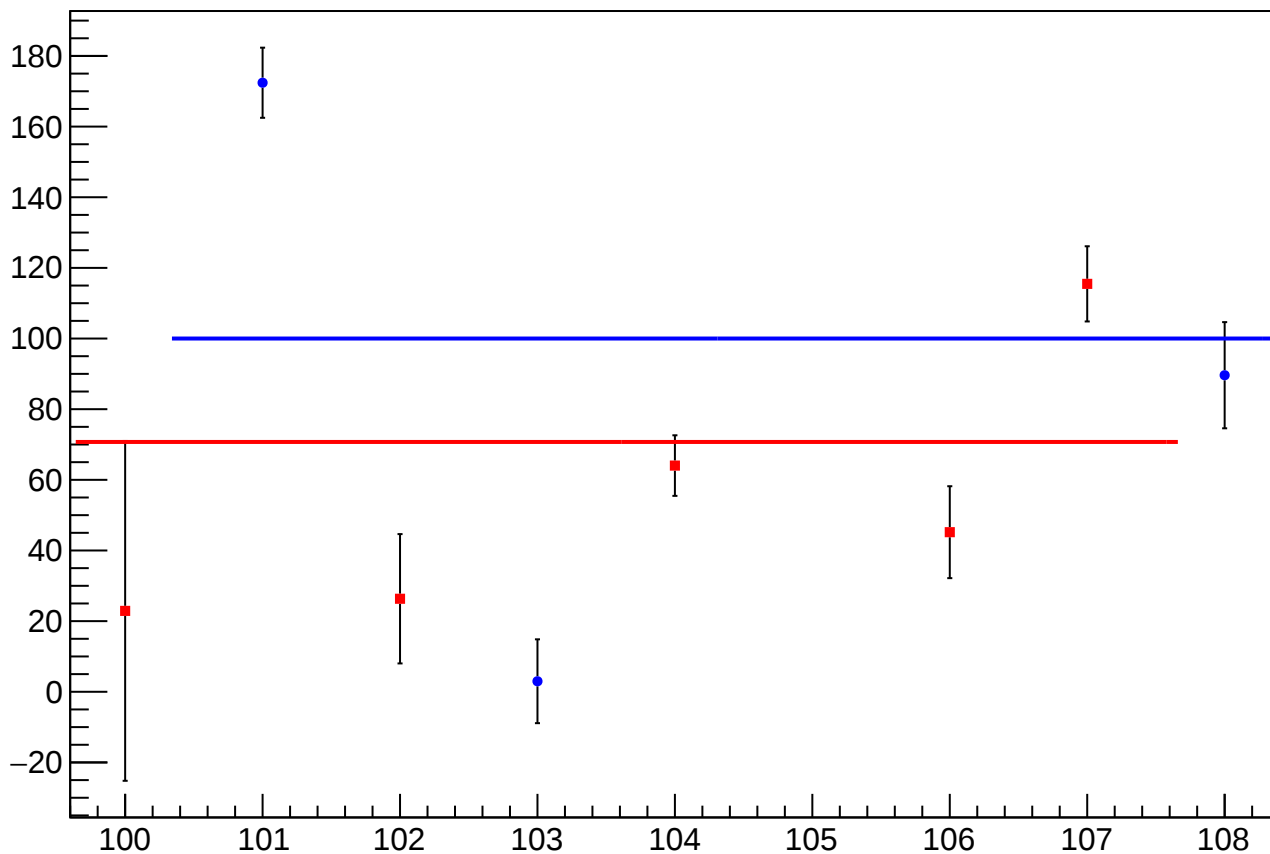
Right: 256.126 $\pm$ 6.018 χ^2 /NDF: 62.3/7

In: 255.818 $\pm$ 9.091 χ^2 /NDF:25.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 256.126 $\pm$ 6.018 χ^2 /NDF: 62.3/7

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 100.003 $\pm$ 6.792 χ^2 /NDF: 120.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 70.724 $\pm$ 5.612 χ^2 /NDF: 29.0/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

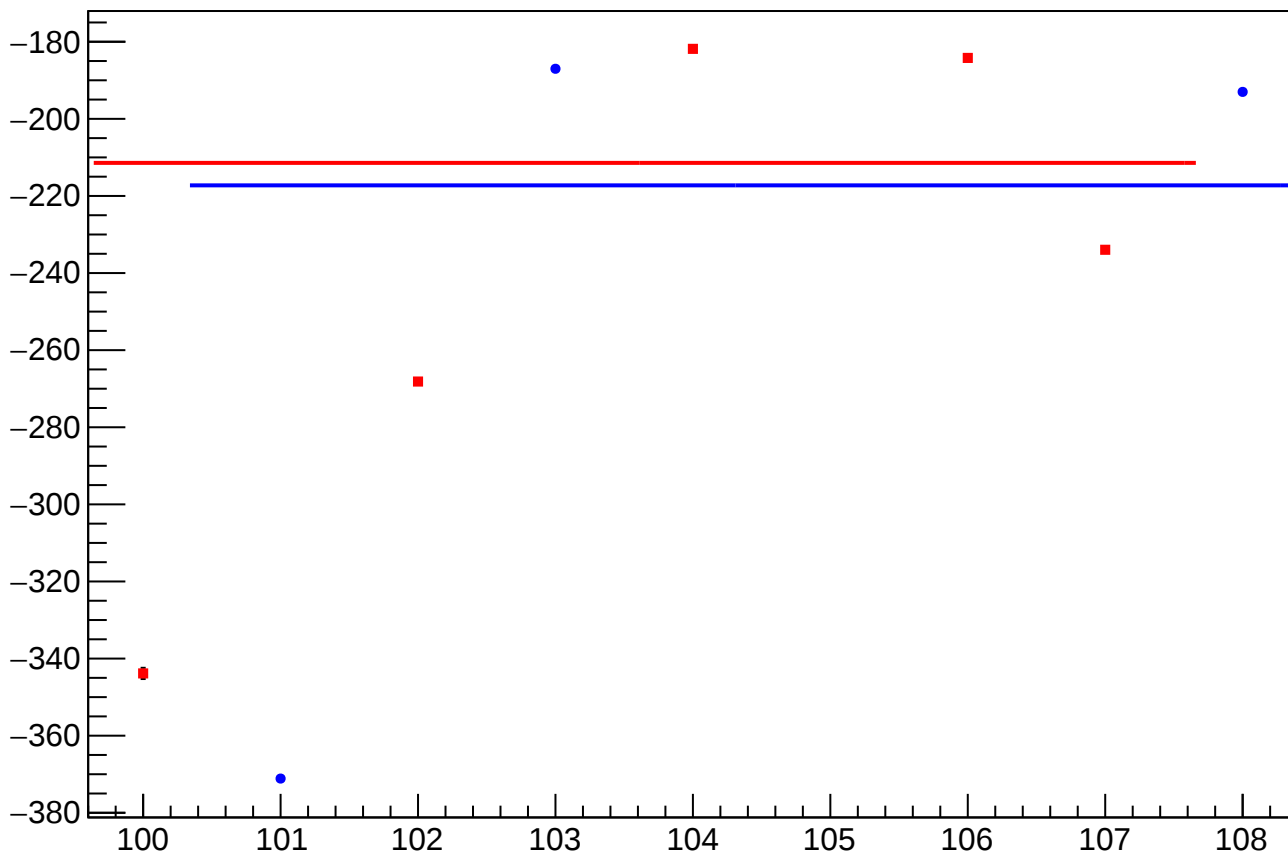
Right: 82.602 $\pm$ 4.326 χ^2 /NDF: 160.6/7

In: 100.003 $\pm$ 6.792 χ^2 /NDF:120.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 82.602 $\pm$ 4.326 χ^2 /NDF: 160.6/7

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -217.252+/-0.229 χ^2/NDF : 83996.0/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -211.422+/-0.206 χ^2/NDF : 37330.2/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

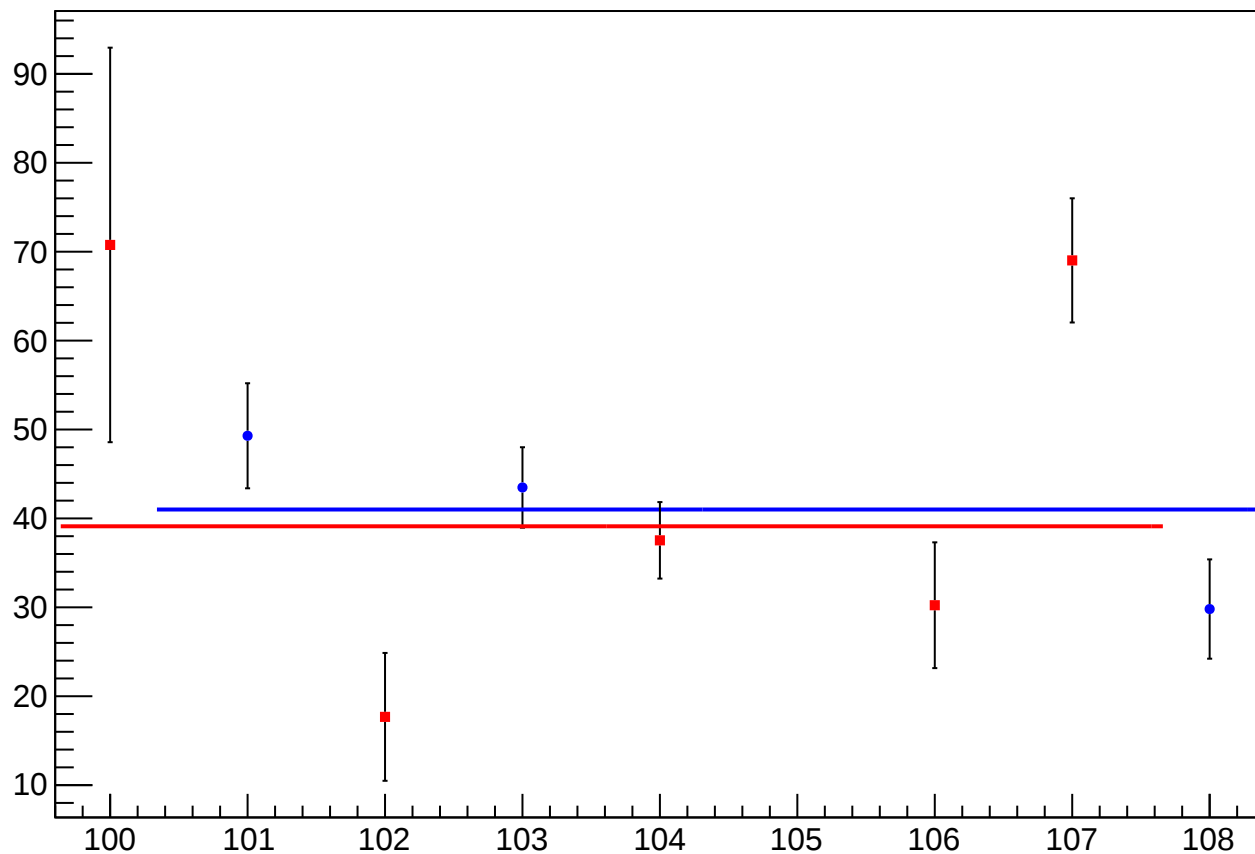
Right: -214.030+/-0.153 χ^2/NDF : 121685.5/7

In: -217.252+/-0.229 χ^2/NDF :83996.0/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -214.030+/-0.153 χ^2/NDF : 121685.5/7

reg_asym_at2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 41.003 $\pm$ 3.021 χ^2 /NDF: 6.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 39.114 $\pm$ 2.938 χ^2 /NDF: 31.0/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

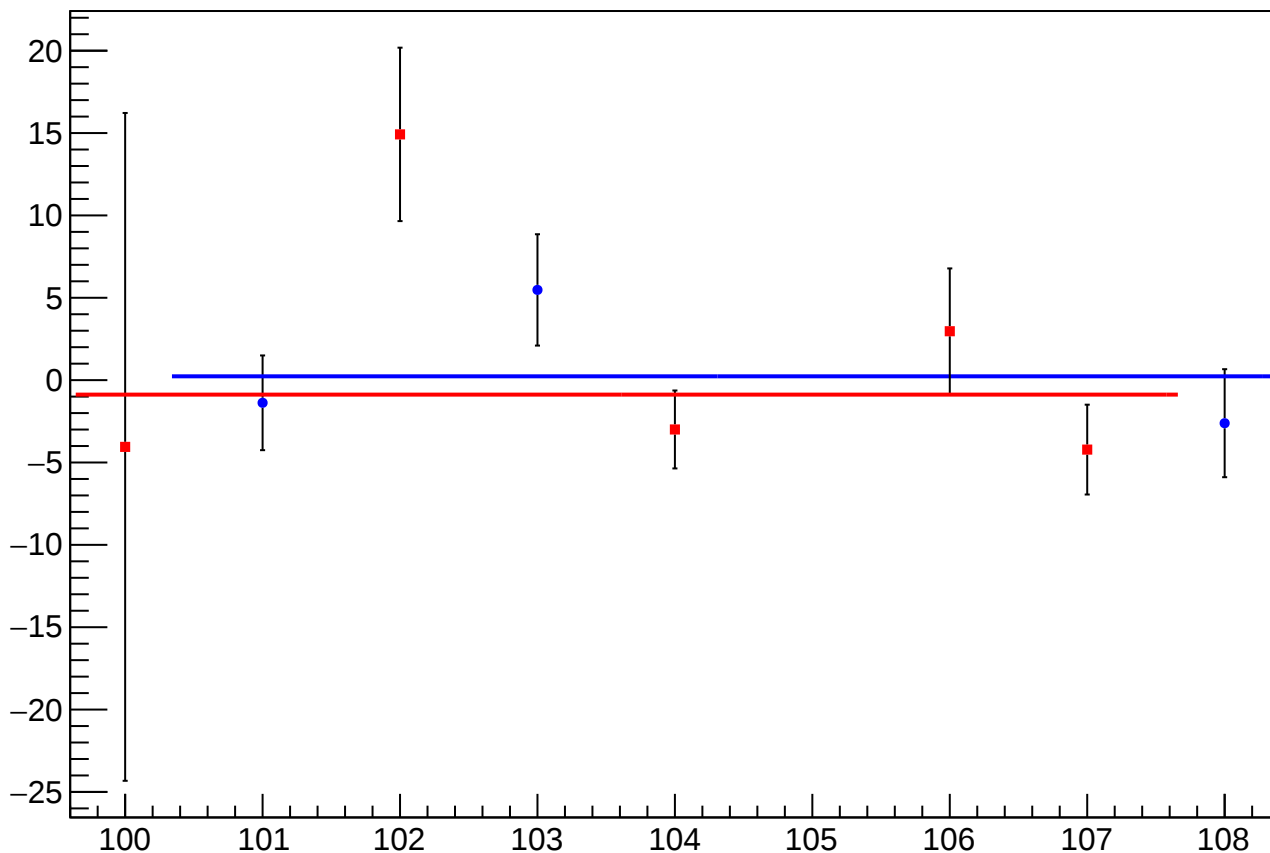
Right: 40.032 $\pm$ 2.106 χ^2 /NDF: 37.5/7

In: 41.003 $\pm$ 3.021 χ^2 /NDF:6.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 40.032 $\pm$ 2.106 χ^2 /NDF: 37.5/7

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.232+/-1.821 χ^2/NDF : 3.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.879+/-1.542 χ^2/NDF : 12.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

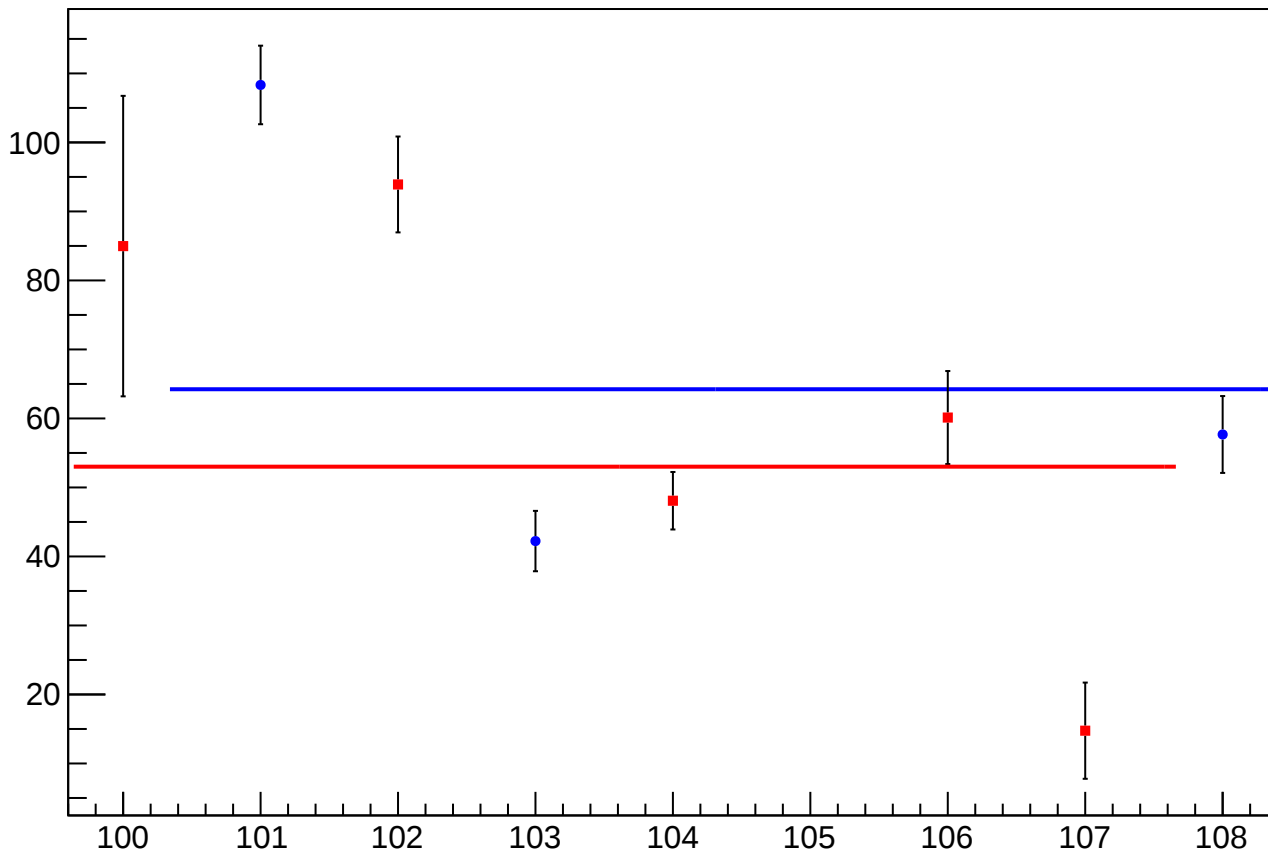
Right: -0.415+/-1.177 χ^2/NDF : 16.0/7

In: 0.232+/-1.821 χ^2/NDF : 3.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.415+/-1.177 χ^2/NDF : 16.0/7

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 64.232 $\pm$ 2.944 χ^2 /NDF: 86.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 53.011 $\pm$ 2.851 χ^2 /NDF: 69.5/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

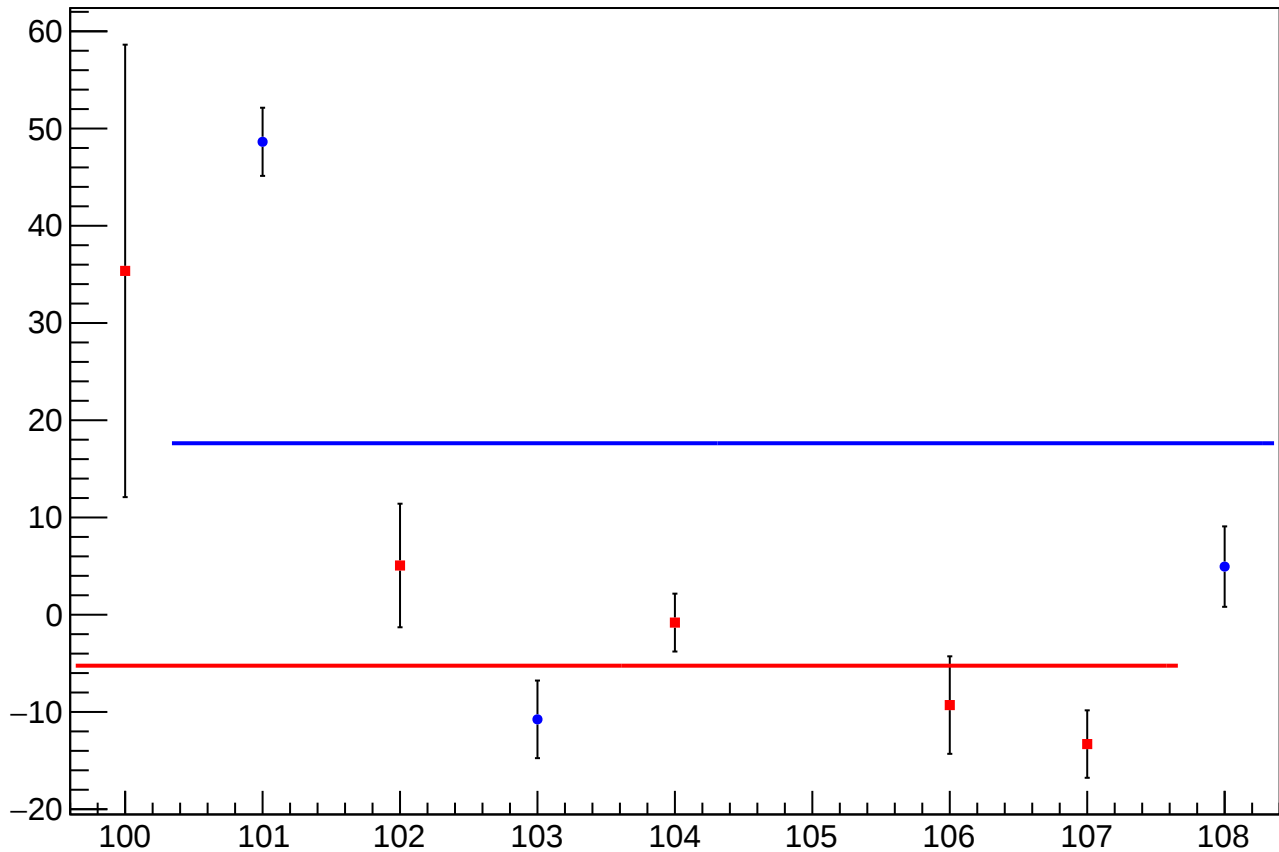
Right: 58.441 $\pm$ 2.048 χ^2 /NDF: 163.6/7

In: 64.232 $\pm$ 2.944 χ^2 /NDF: 86.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 58.441 $\pm$ 2.048 χ^2 /NDF: 163.6/7

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 17.635+/-2.221 χ^2/NDF : 138.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.241+/-1.952 χ^2/NDF : 13.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

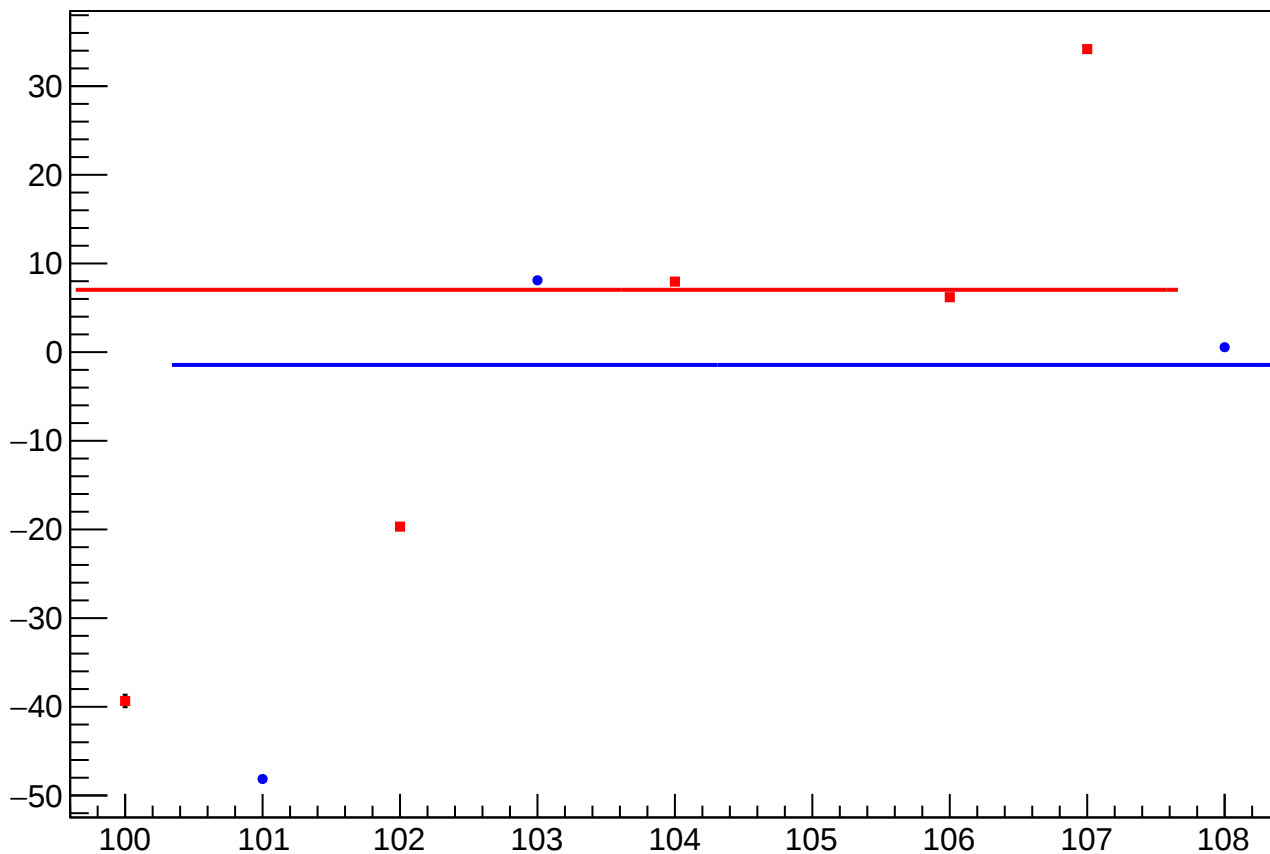
Right: 4.728+/-1.466 χ^2/NDF : 212.1/7

In: 17.635+/-2.221 χ^2/NDF : 138.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.728+/-1.466 χ^2/NDF : 212.1/7

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.443+/-0.073 χ^2/NDF : 61743.7/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 7.032+/-0.072 χ^2/NDF : 60703.4/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

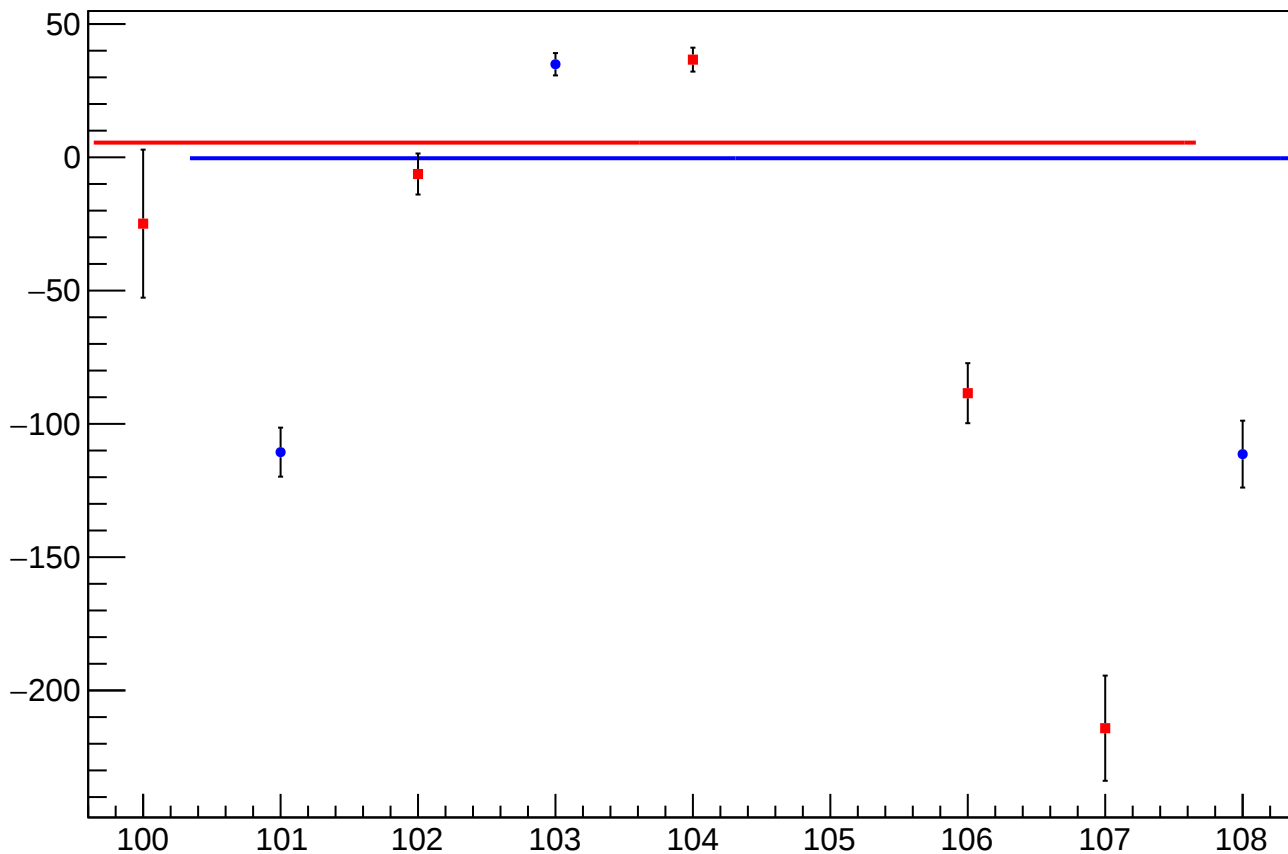
Right: 2.843+/-0.051 χ^2/NDF : 129326.5/7

In: -1.443+/-0.073 χ^2/NDF :61743.7/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2.843+/-0.051 χ^2/NDF : 129326.5/7

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.346+/-3.647 χ^2/NDF : 293.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.520+/-3.575 χ^2/NDF : 245.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

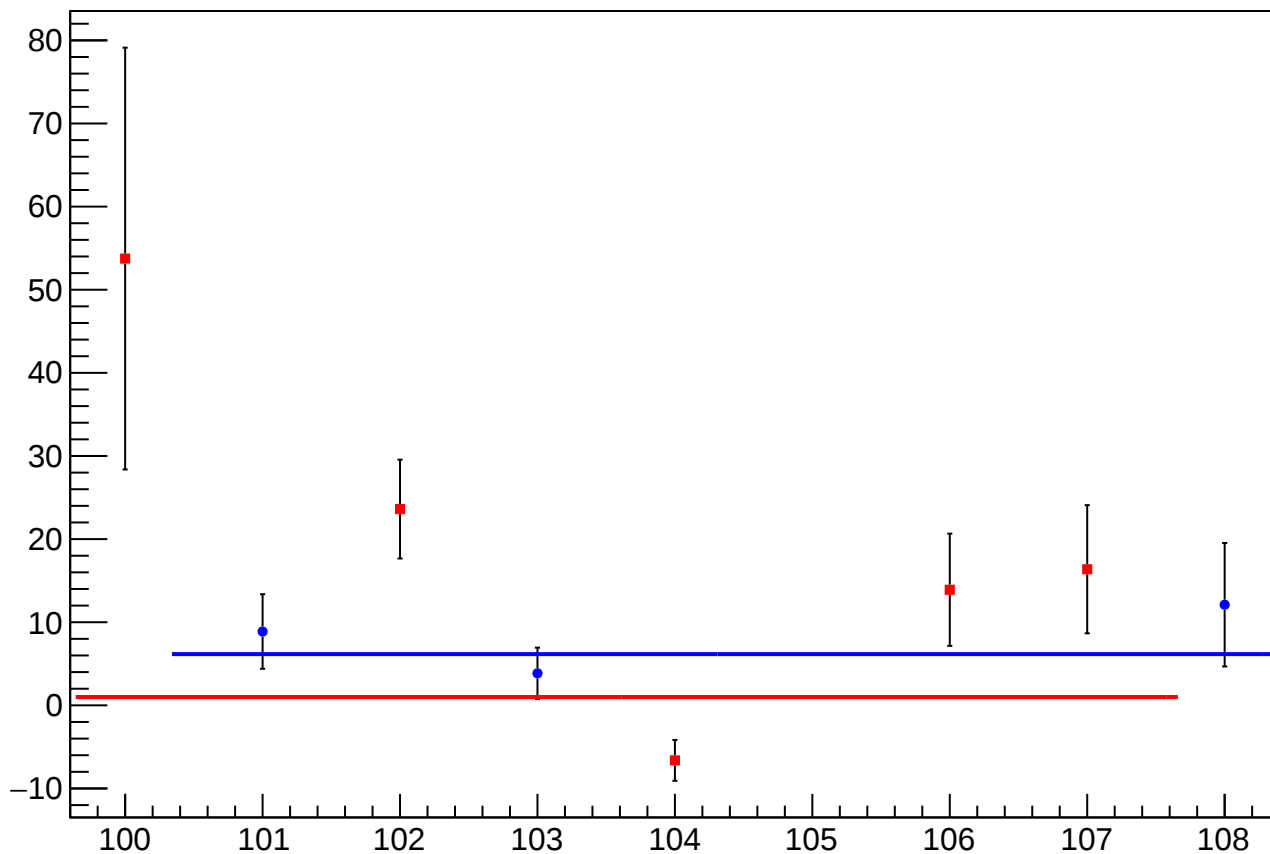
Right: 2.645+/-2.553 χ^2/NDF : 539.6/7

In: -0.346+/-3.647 χ^2/NDF : 293.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.645+/-2.553 χ^2/NDF : 539.6/7

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.162+/-2.403 χ^2/NDF : 1.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.006+/-2.066 χ^2/NDF : 36.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

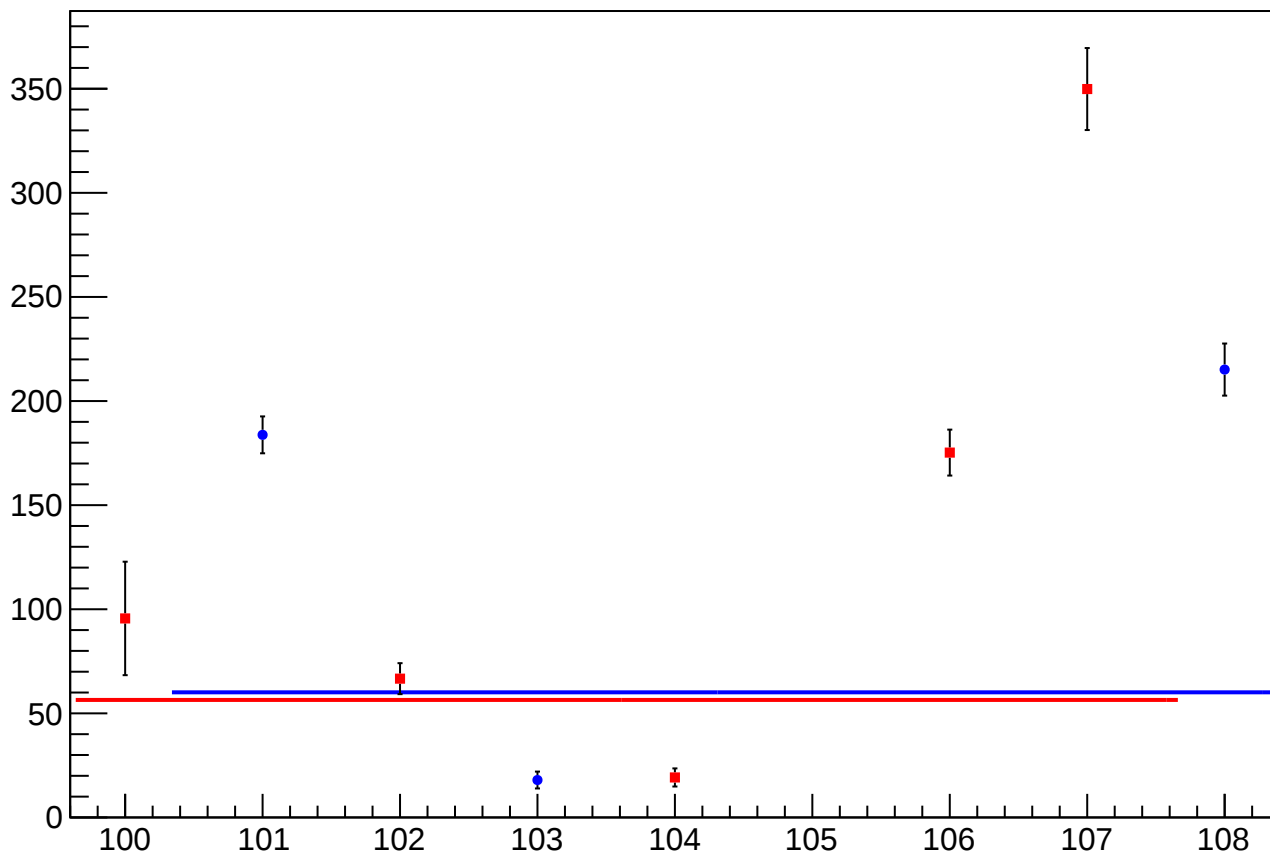
Right: 3.198+/-1.567 χ^2/NDF : 40.2/7

In: 6.162+/-2.403 χ^2/NDF : 1.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.198+/-1.567 χ^2/NDF : 40.2/7

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 60.100+/-3.534 χ^2/NDF : 456.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.445+/-3.469 χ^2/NDF : 415.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

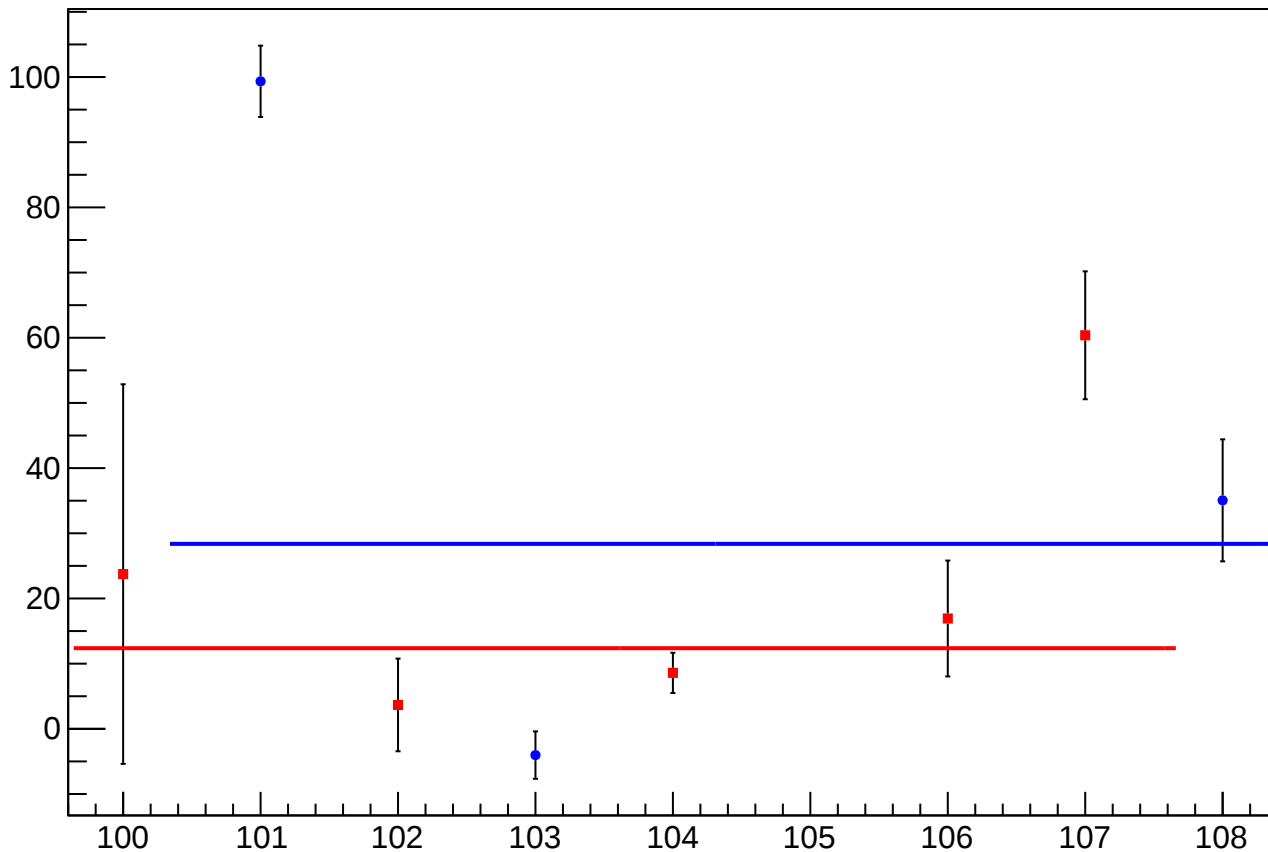
Right: 58.239+/-2.476 χ^2/NDF : 872.3/7

In: 60.100+/-3.534 χ^2/NDF : 456.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.239+/-2.476 χ^2/NDF : 872.3/7

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.378+/-2.882 χ^2/NDF : 248.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.371+/-2.590 χ^2/NDF : 27.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

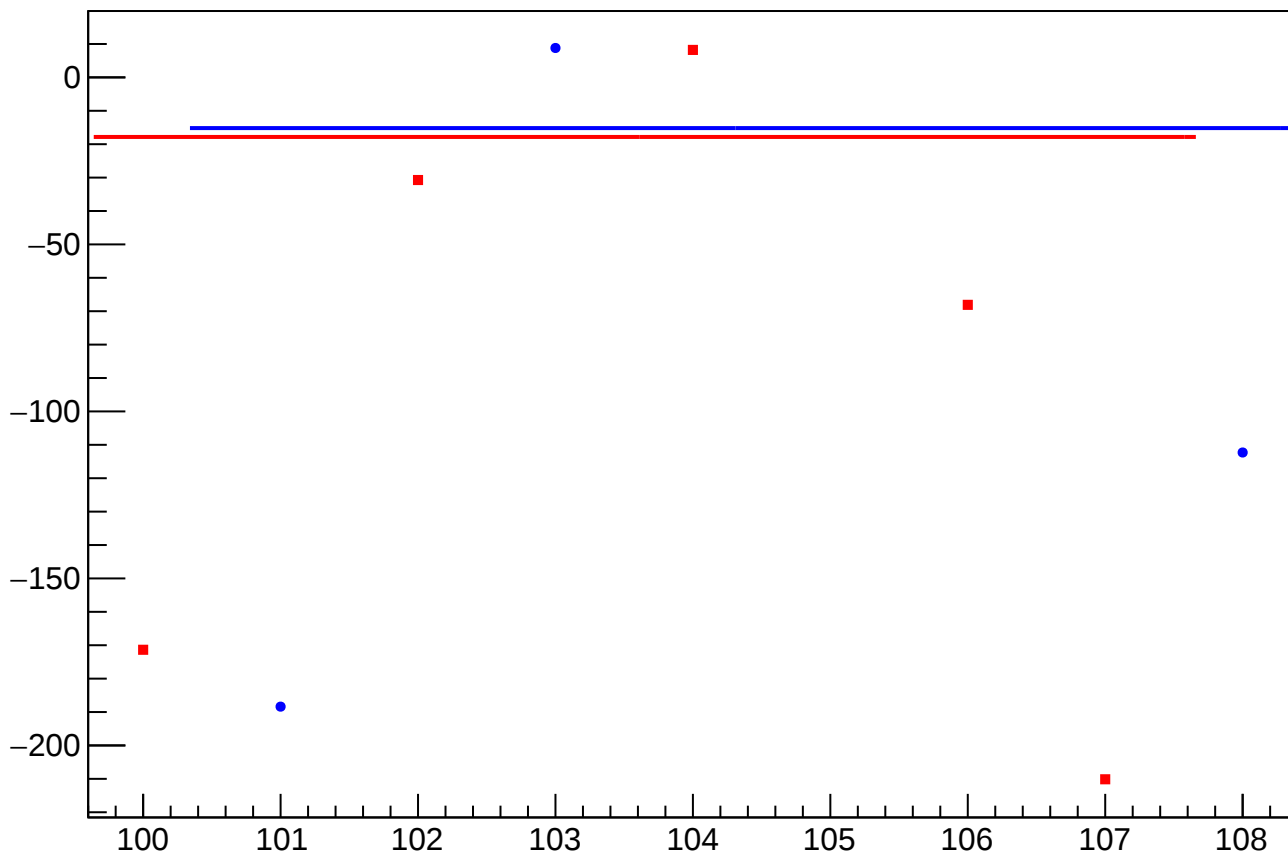
Right: 19.525+/-1.927 χ^2/NDF : 292.6/7

In: 28.378+/-2.882 χ^2/NDF : 248.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.525+/-1.927 χ^2/NDF : 292.6/7

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -15.178+/-0.083 χ^2/NDF : 482125.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.831+/-0.086 χ^2/NDF : 302675.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

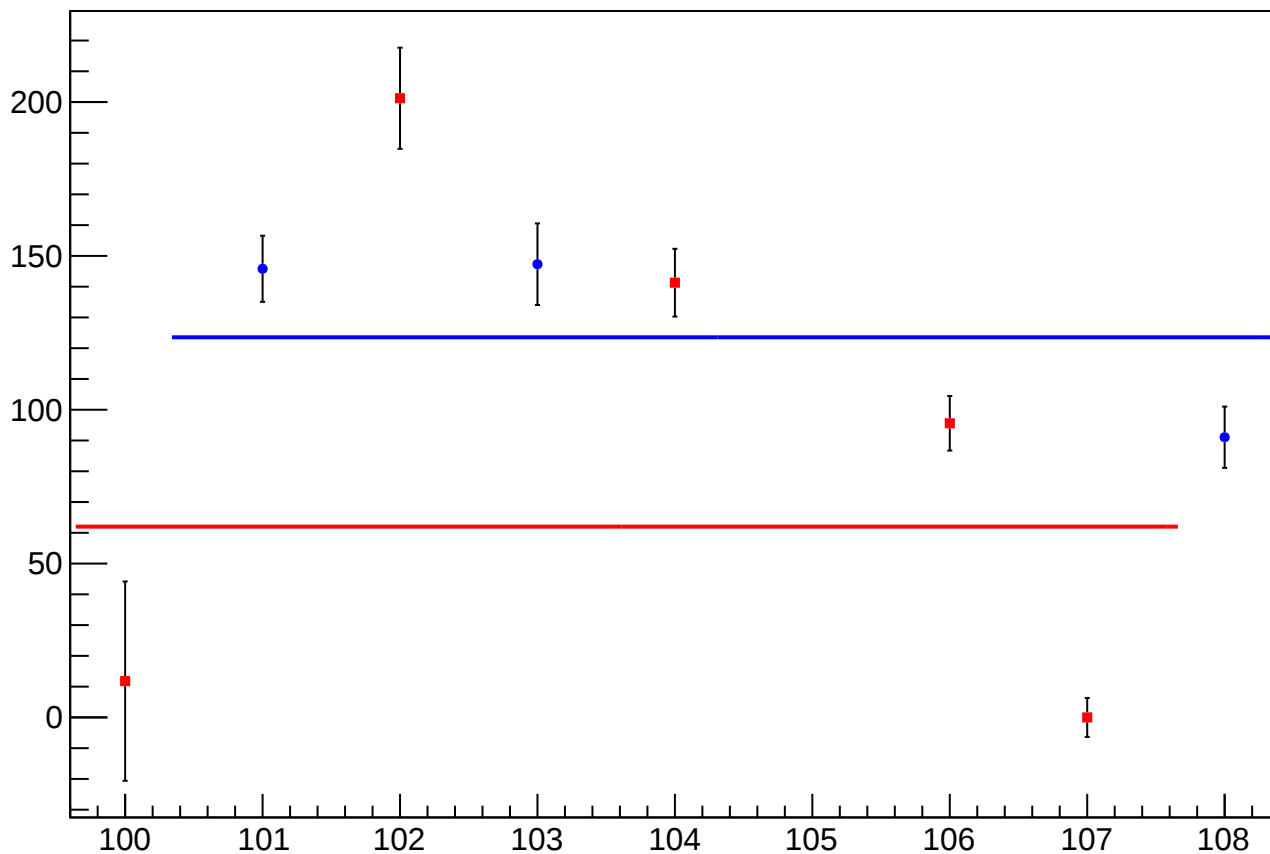
Right: -16.469+/-0.060 χ^2/NDF : 785291.8/7

In: -15.178+/-0.083 χ^2/NDF : 482125.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.469+/-0.060 χ^2/NDF : 785291.8/7

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 123.540 $\pm$ 6.397 χ^2 /NDF: 18.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 62.006 $\pm$ 4.446 χ^2 /NDF: 236.3/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

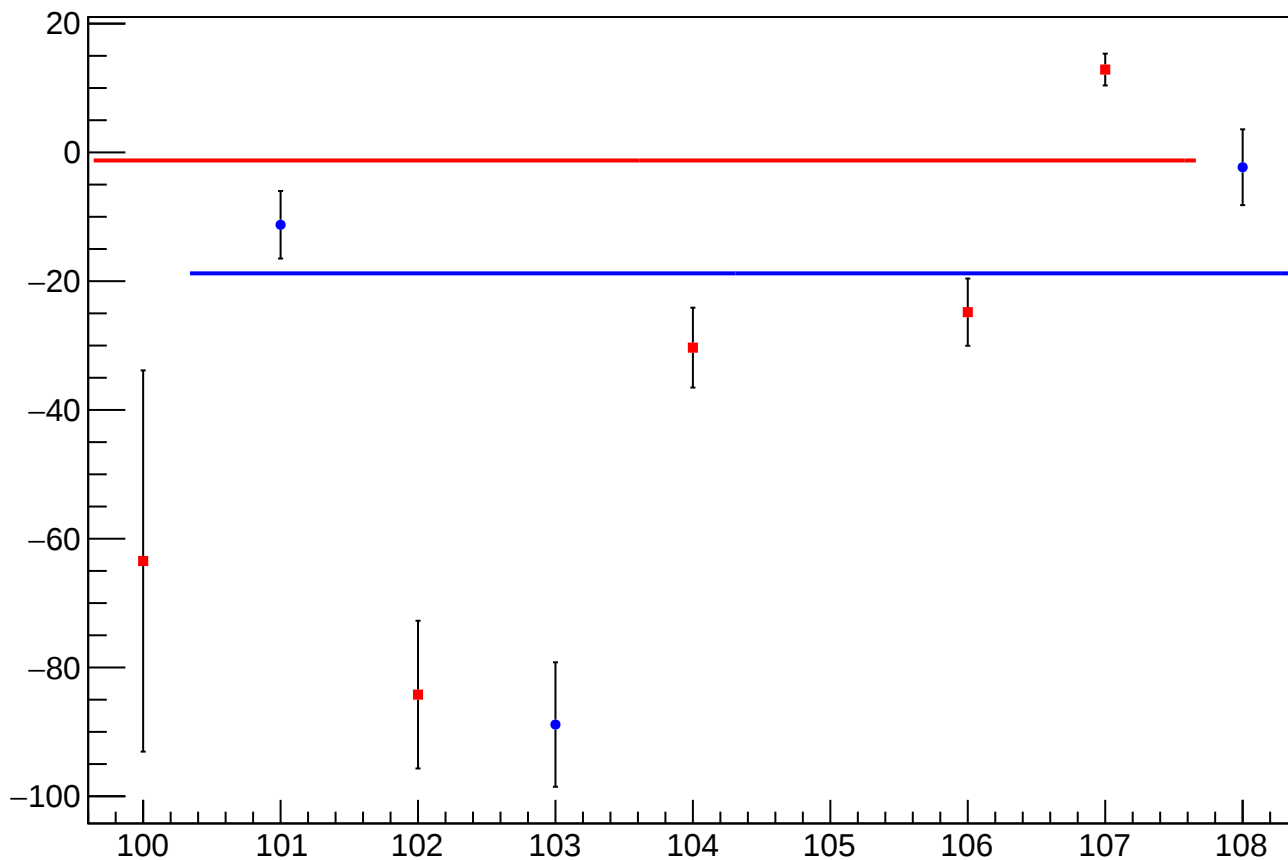
Right: 82.050 $\pm$ 3.651 χ^2 /NDF: 316.9/7

In: 123.540 $\pm$ 6.397 χ^2 /NDF:18.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 82.050 $\pm$ 3.651 χ^2 /NDF: 316.9/7

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -18.786+/-3.630 χ^2/NDF : 62.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.253+/-2.060 χ^2/NDF : 131.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

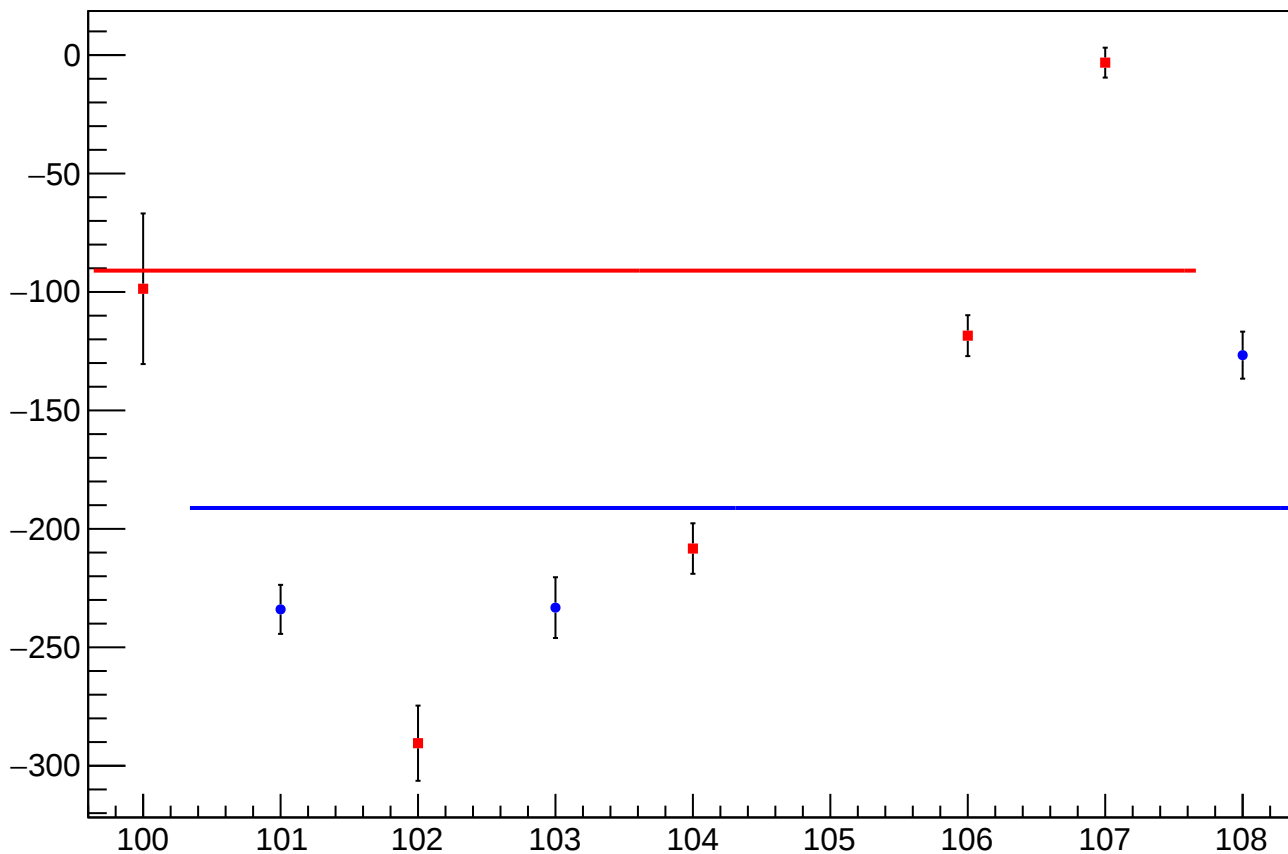
Right: -5.524+/-1.792 χ^2/NDF : 211.9/7

In: -18.786+/-3.630 χ^2/NDF : 62.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.524+/-1.792 χ^2/NDF : 211.9/7

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -191.184 $\pm$ 6.255 χ^2 /NDF: 70.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -90.984 $\pm$ 4.375 χ^2 /NDF: 482.5/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

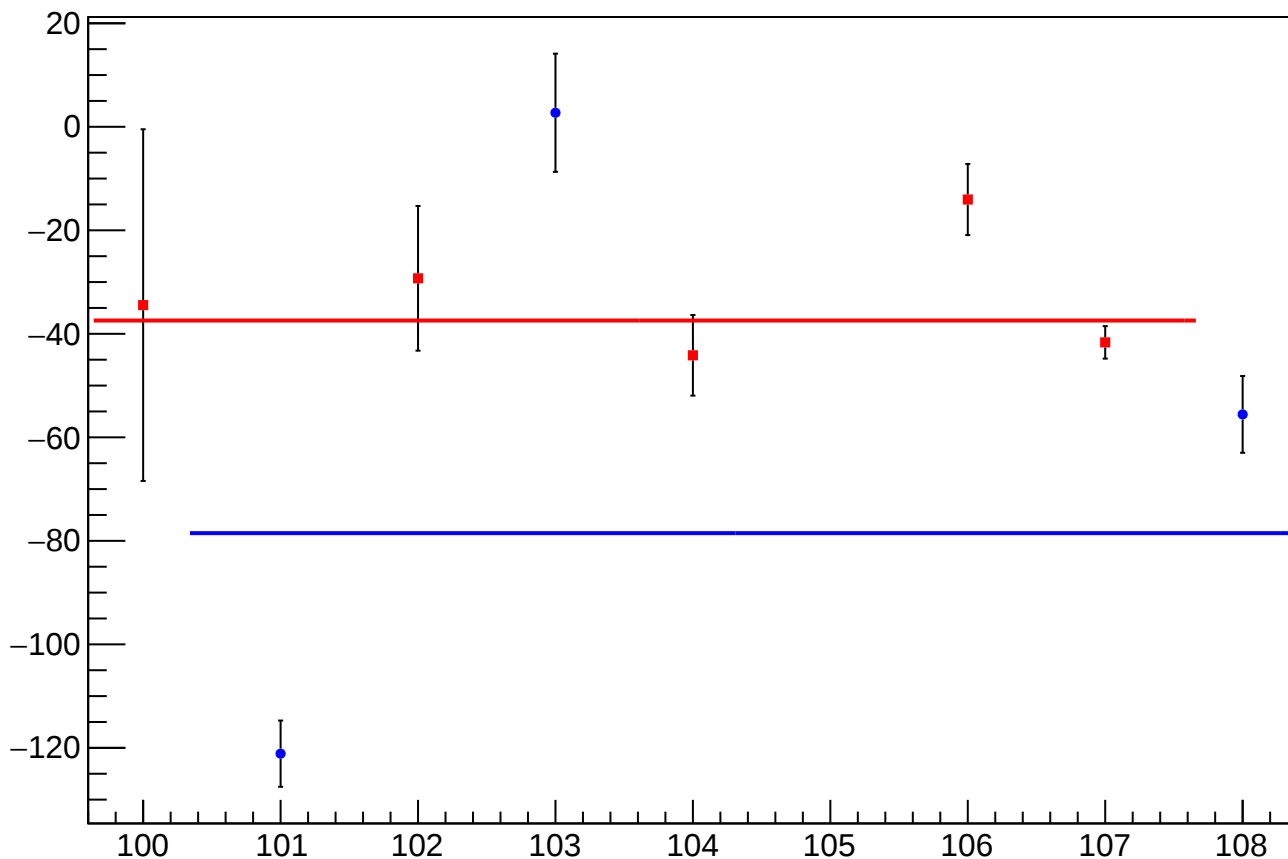
Right: -123.902 $\pm$ 3.585 χ^2 /NDF: 724.8/7

In: -191.184 $\pm$ 6.255 χ^2 /NDF: 70.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -123.902 $\pm$ 3.585 χ^2 /NDF: 724.8/7

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -78.513 $\pm$ 4.460 χ^2 /NDF: 104.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -37.434 $\pm$ 2.625 χ^2 /NDF: 14.5/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

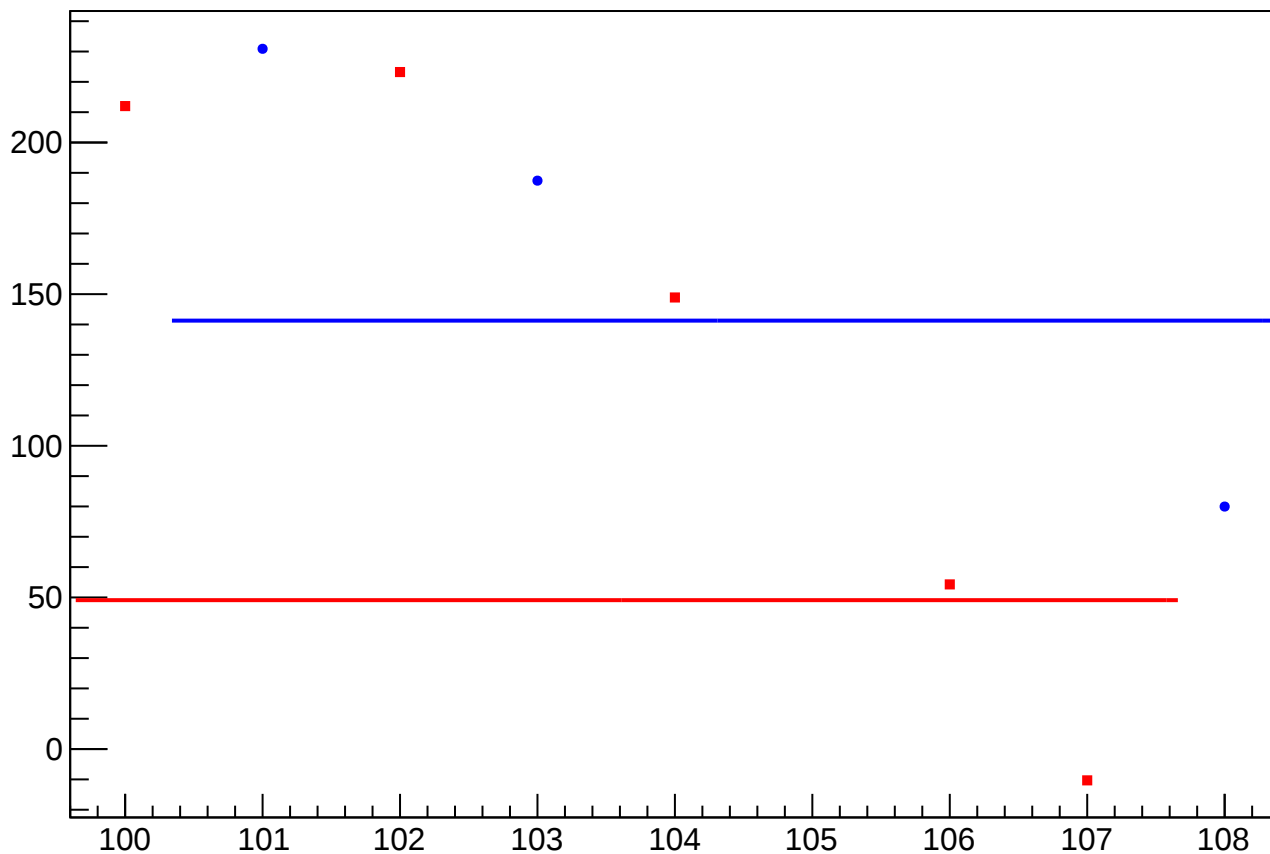
Right: -48.001 $\pm$ 2.262 χ^2 /NDF: 182.0/7

In: -78.513 $\pm$ 4.460 χ^2 /NDF:104.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -48.001 $\pm$ 2.262 χ^2 /NDF: 182.0/7

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 141.273+/-0.160 χ^2/NDF : 157473.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.101+/-0.107 χ^2/NDF : 543944.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

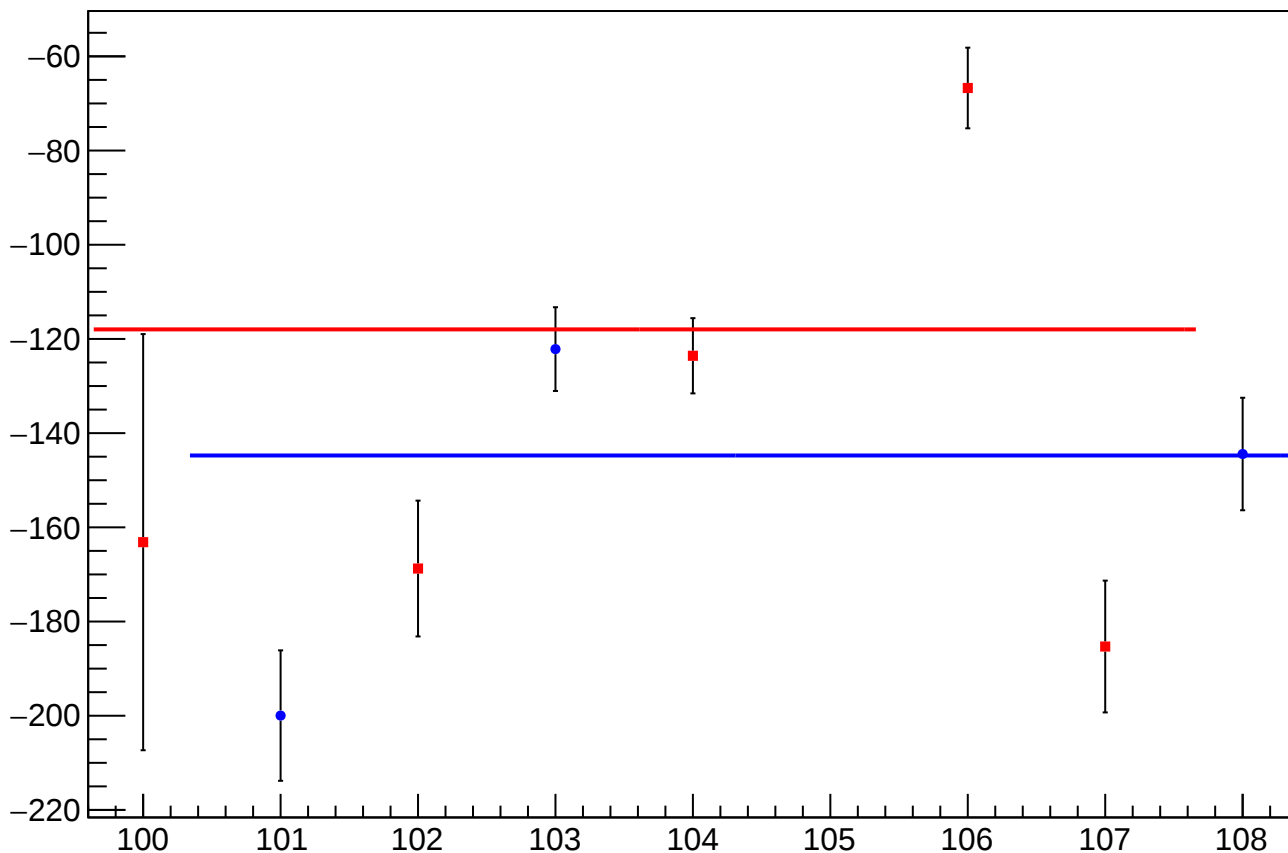
Right: 77.583+/-0.089 χ^2/NDF : 929929.7/7

In: 141.273+/-0.160 χ^2/NDF : 157473.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.583+/-0.089 χ^2/NDF : 929929.7/7

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -144.746+/-6.340 χ^2/NDF : 22.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -117.972+/-5.016 χ^2/NDF : 72.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

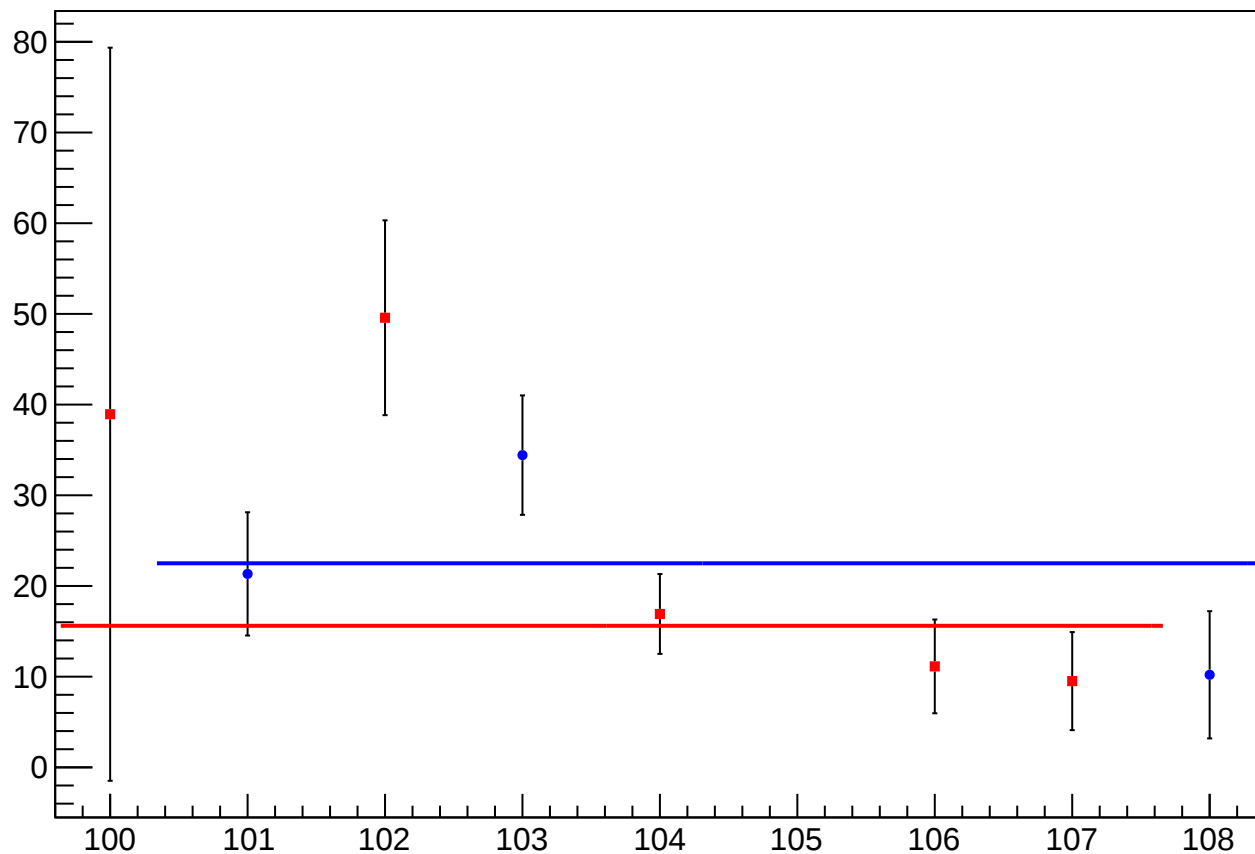
Right: -128.278+/-3.933 χ^2/NDF : 106.3/7

In: -144.746+/-6.340 χ^2/NDF : 22.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -128.278+/-3.933 χ^2/NDF : 106.3/7

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.500+/-3.921 χ^2/NDF : 6.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.609+/-2.747 χ^2/NDF : 12.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

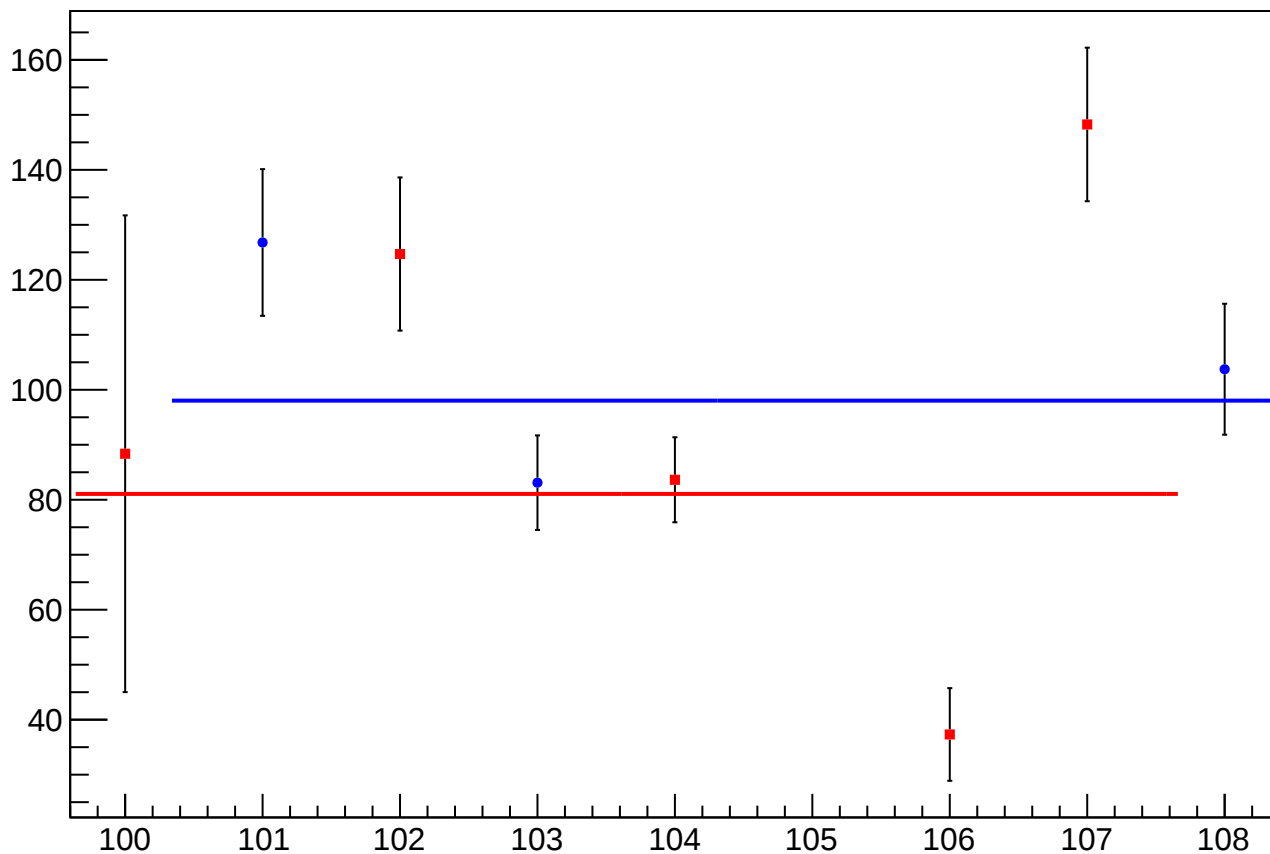
Right: 17.878+/-2.250 χ^2/NDF : 20.9/7

In: 22.500+/-3.921 χ^2/NDF : 6.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.878+/-2.250 χ^2/NDF : 20.9/7

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 98.029+/-6.178 χ^2/NDF : 7.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.061+/-4.902 χ^2/NDF : 60.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

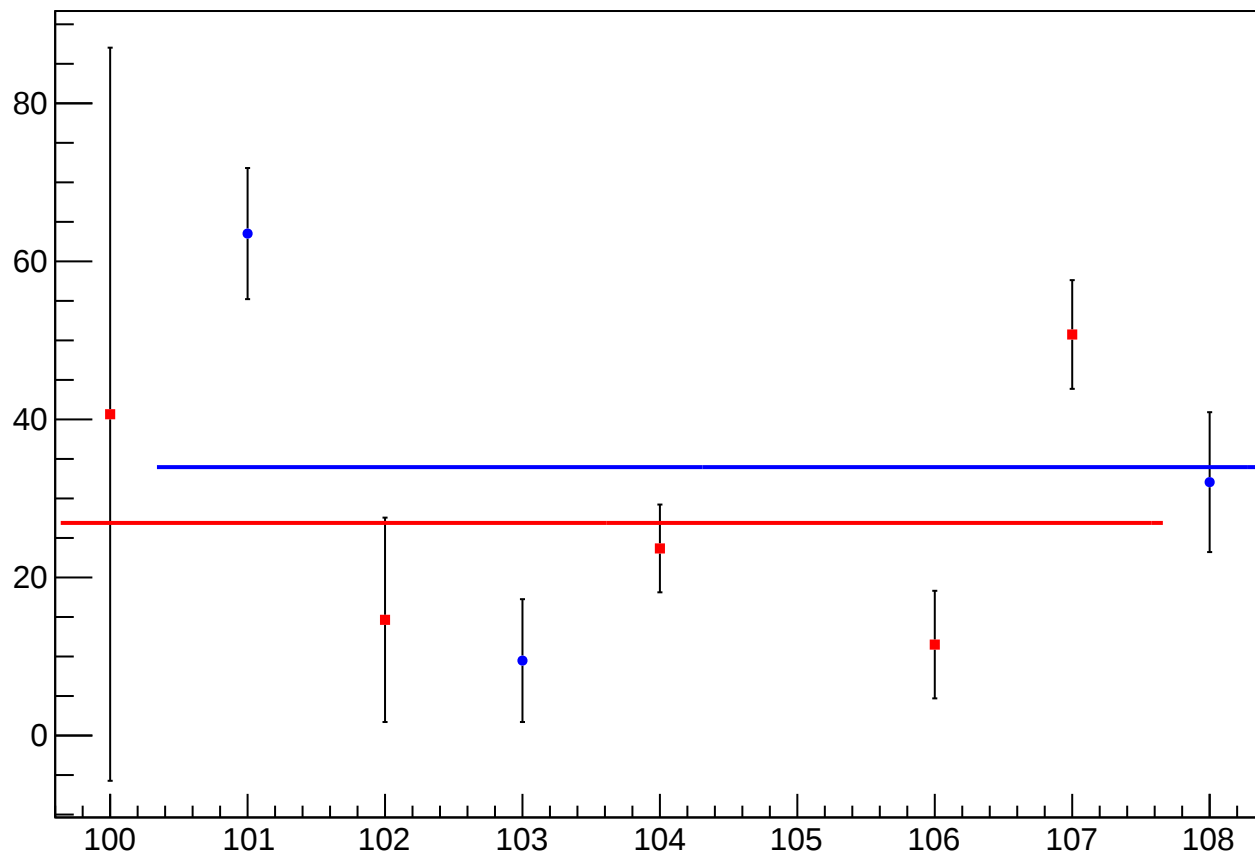
Right: 87.615+/-3.840 χ^2/NDF : 72.6/7

In: 98.029+/-6.178 χ^2/NDF : 7.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.615+/-3.840 χ^2/NDF : 72.6/7

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 33.965 $\pm$ 4.775 χ^2 /NDF: 22.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 26.903 $\pm$ 3.501 χ^2 /NDF: 18.5/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

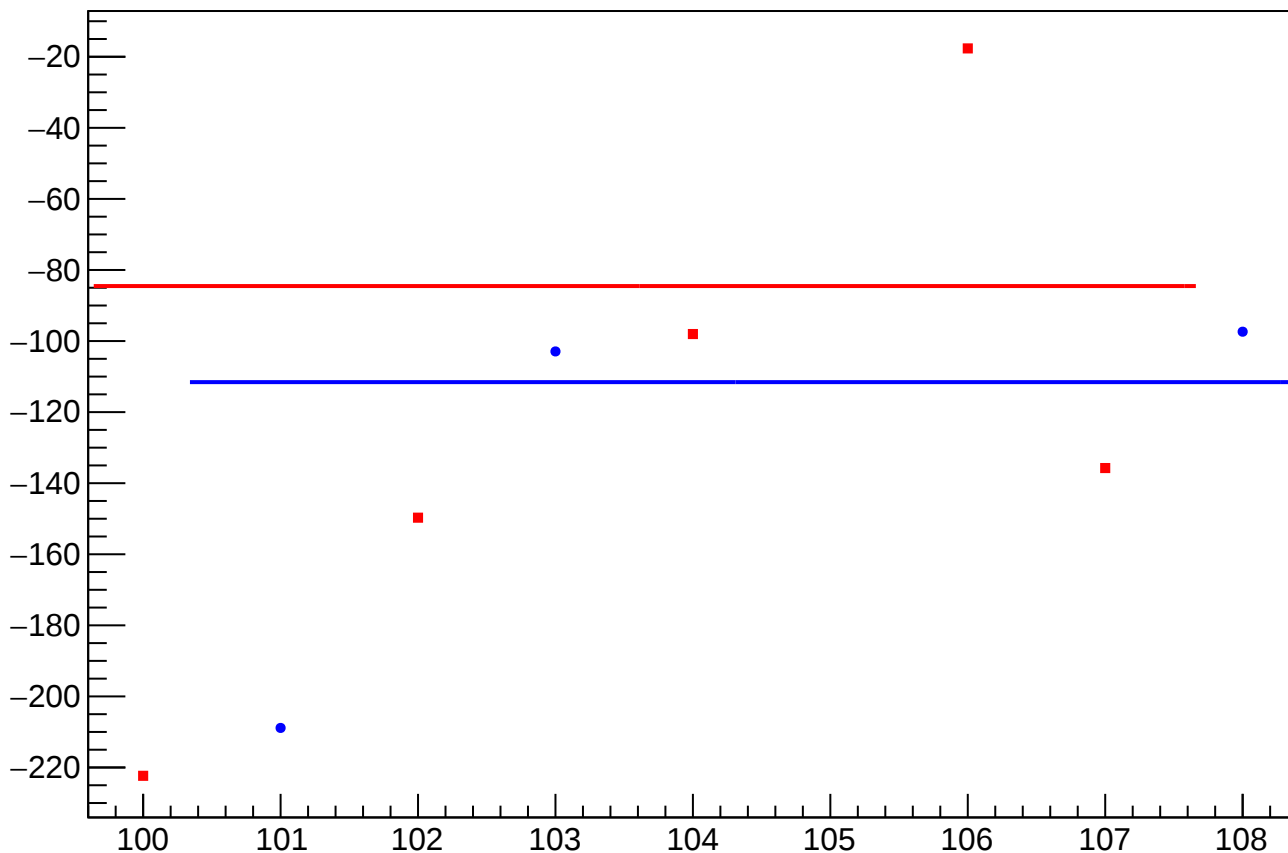
Right: 29.372 $\pm$ 2.823 χ^2 /NDF: 42.5/7

In: 33.965 $\pm$ 4.775 χ^2 /NDF: 22.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 29.372 $\pm$ 2.823 χ^2 /NDF: 42.5/7

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -111.559+/-0.150 χ^2/NDF : 45826.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -84.524+/-0.121 χ^2/NDF : 183932.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

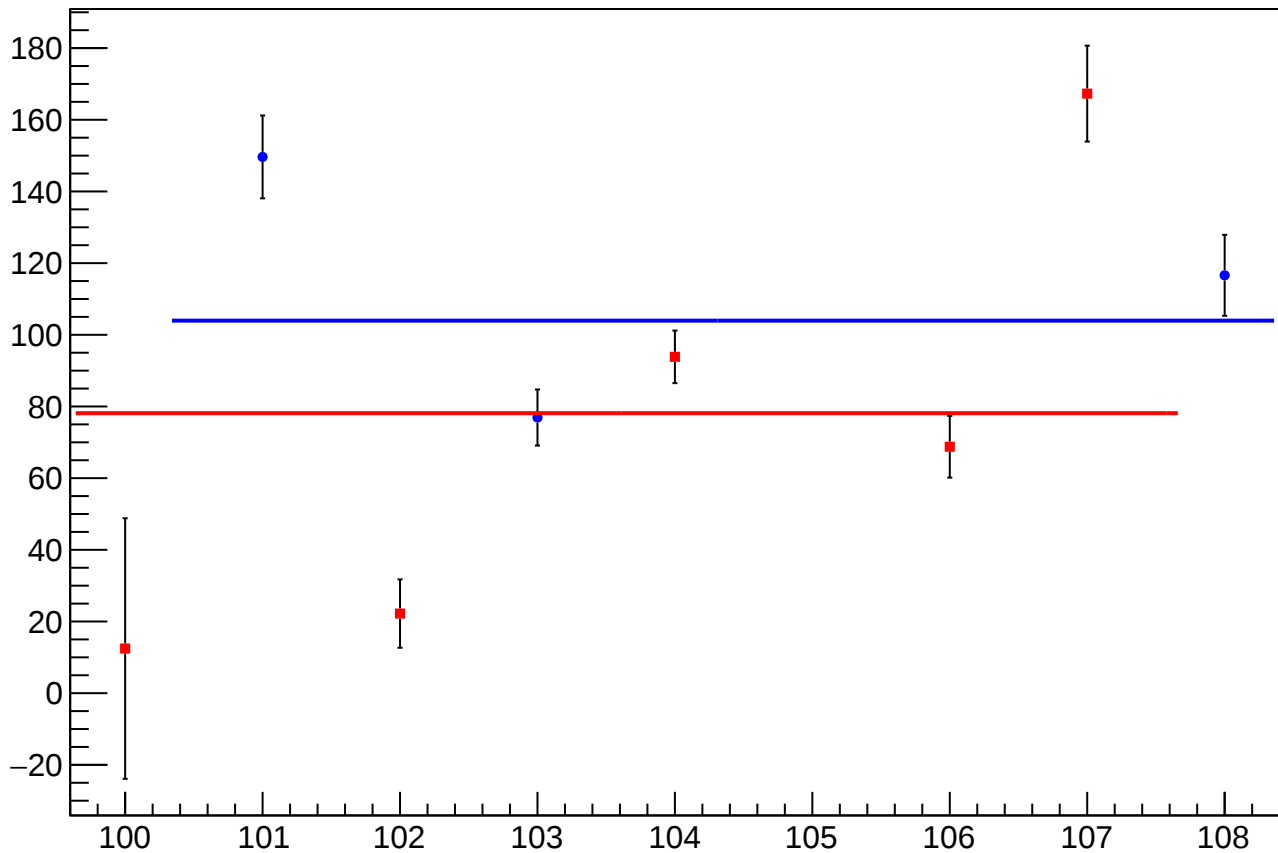
Right: -95.172+/-0.094 χ^2/NDF : 249525.4/7

In: -111.559+/-0.150 χ^2/NDF : 45826.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -95.172+/-0.094 χ^2/NDF : 249525.4/7

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 103.955+/-5.621 χ^2/NDF : 28.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.126+/-4.499 χ^2/NDF : 87.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

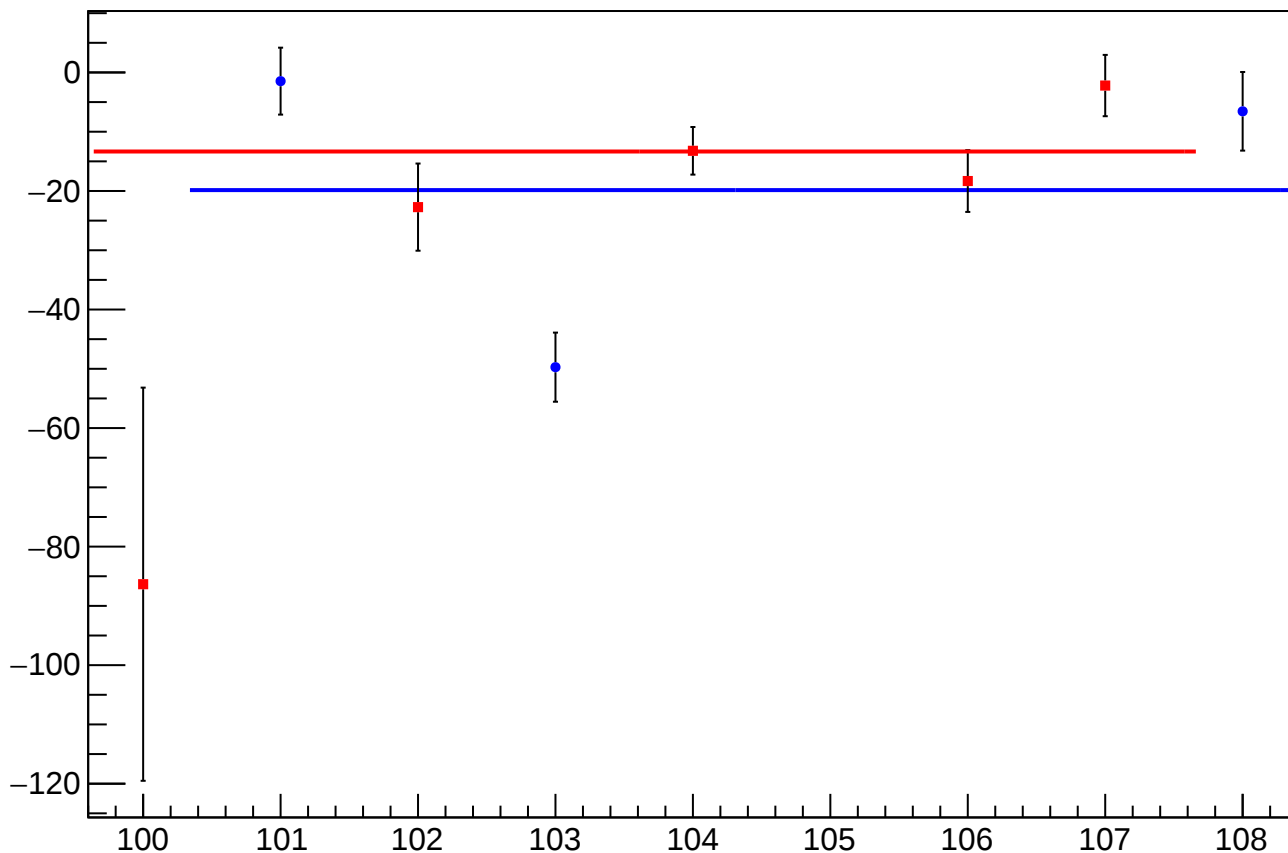
Right: 88.210+/-3.512 χ^2/NDF : 129.5/7

In: 103.955+/-5.621 χ^2/NDF : 28.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.210+/-3.512 χ^2/NDF : 129.5/7

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -19.851+/-3.461 χ^2/NDF : 40.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.338+/-2.535 χ^2/NDF : 12.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

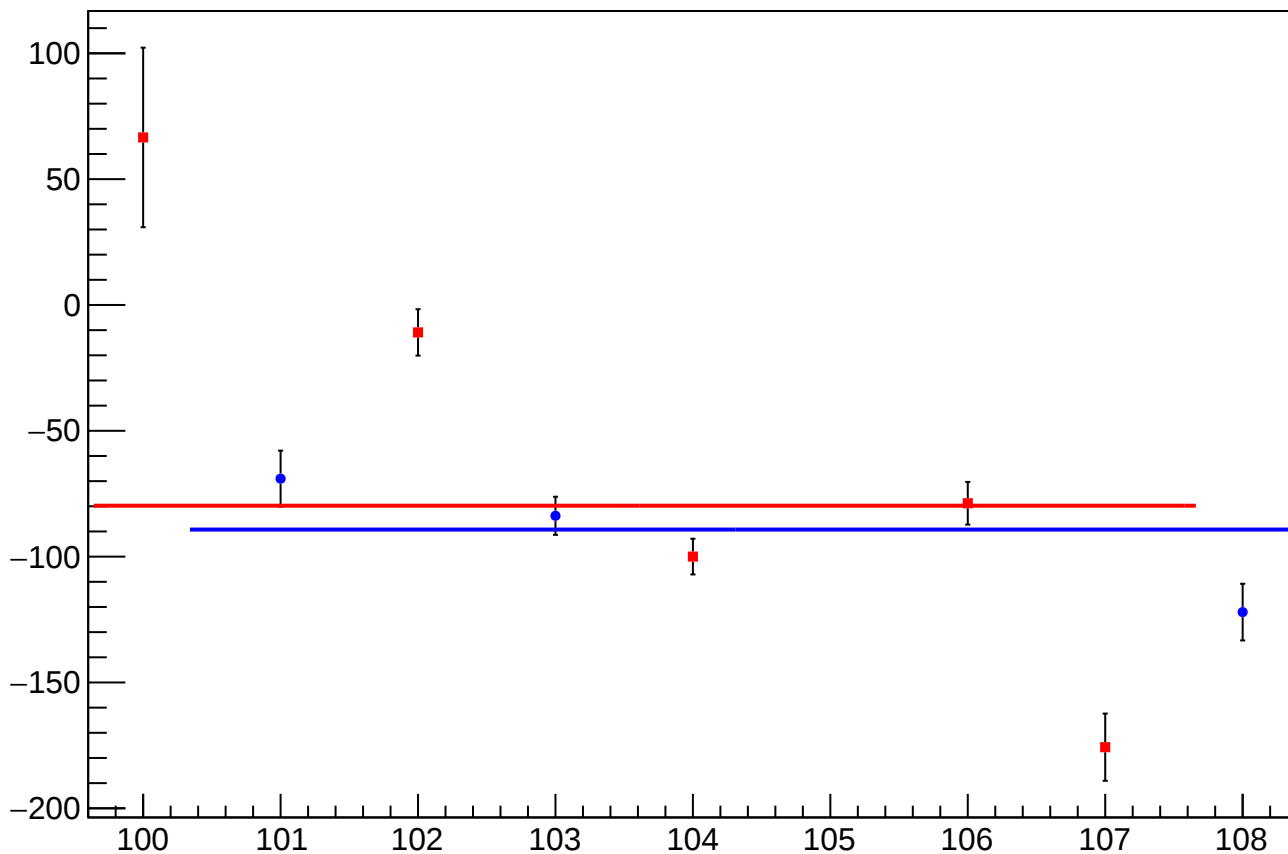
Right: -15.612+/-2.045 χ^2/NDF : 55.2/7

In: -19.851+/-3.461 χ^2/NDF : 40.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.612+/-2.045 χ^2/NDF : 55.2/7

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -89.241+/-5.472 χ^2/NDF : 12.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -79.758+/-4.389 χ^2/NDF : 132.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

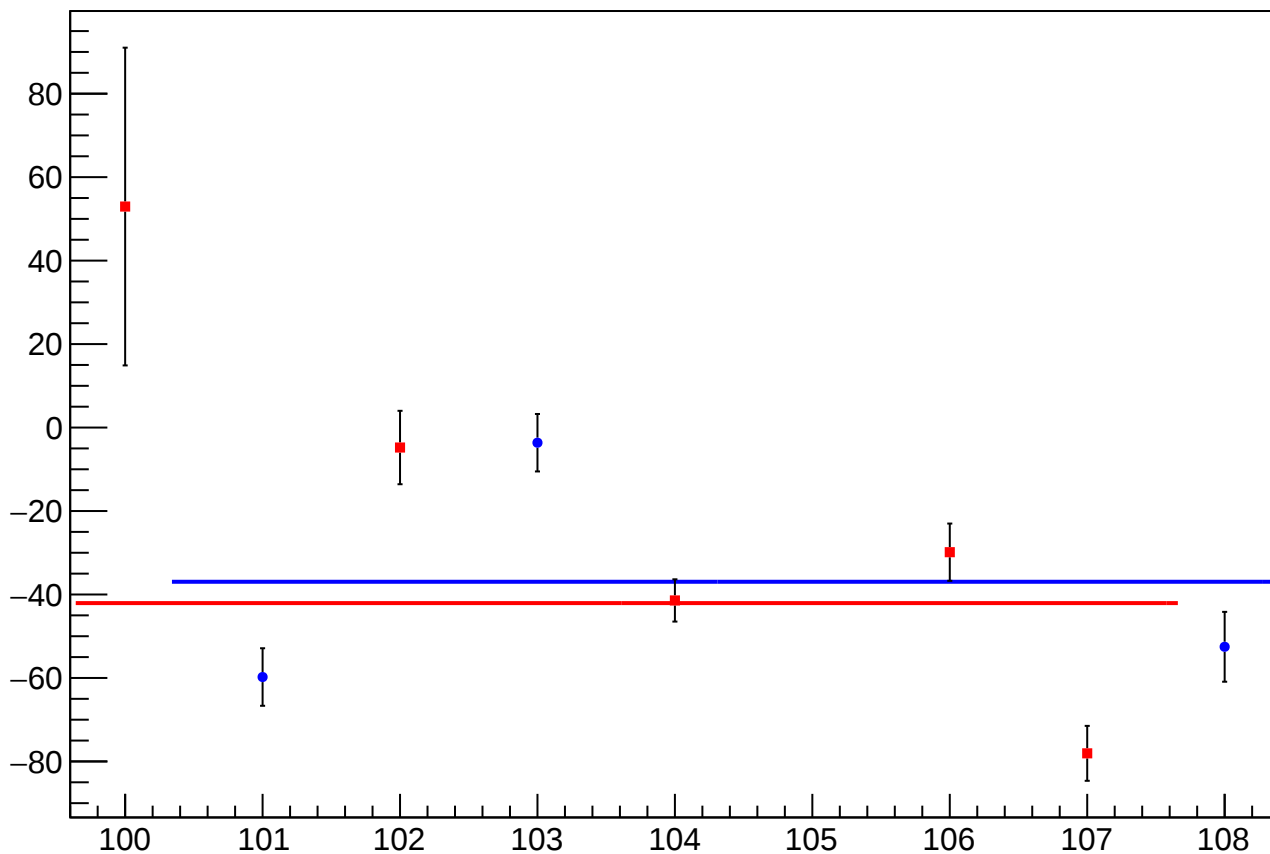
Right: -83.470+/-3.424 χ^2/NDF : 146.5/7

In: -89.241+/-5.472 χ^2/NDF : 12.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -83.470+/-3.424 χ^2/NDF : 146.5/7

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -36.950 $\pm$ 4.210 χ^2 /NDF: 37.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -42.061 $\pm$ 3.212 χ^2 /NDF: 57.3/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

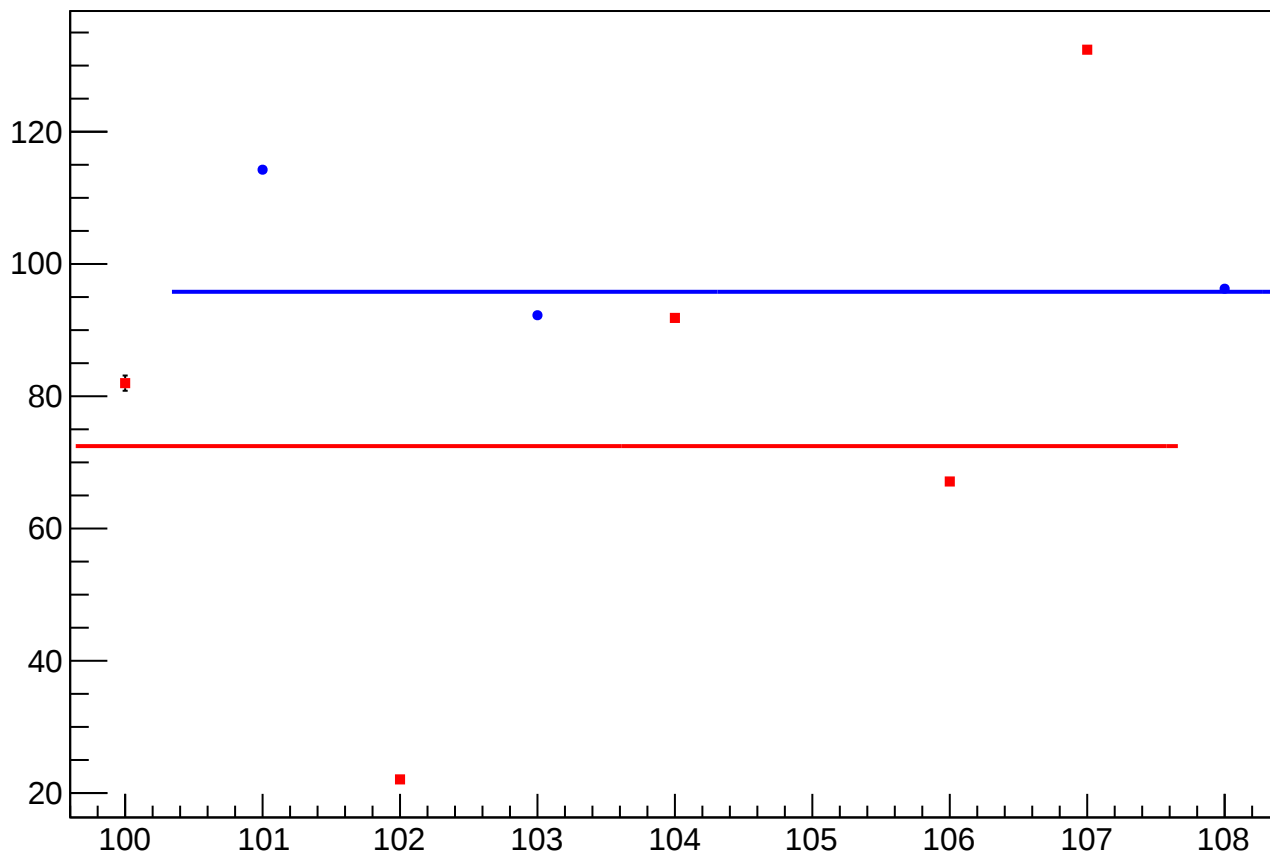
Right: -40.181 $\pm$ 2.554 χ^2 /NDF: 96.1/7

In: -36.950 $\pm$ 4.210 χ^2 /NDF:37.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -40.181 $\pm$ 2.554 χ^2 /NDF: 96.1/7

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 95.796+/-0.134 χ^2/NDF : 2576.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.462+/-0.107 χ^2/NDF : 106556.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

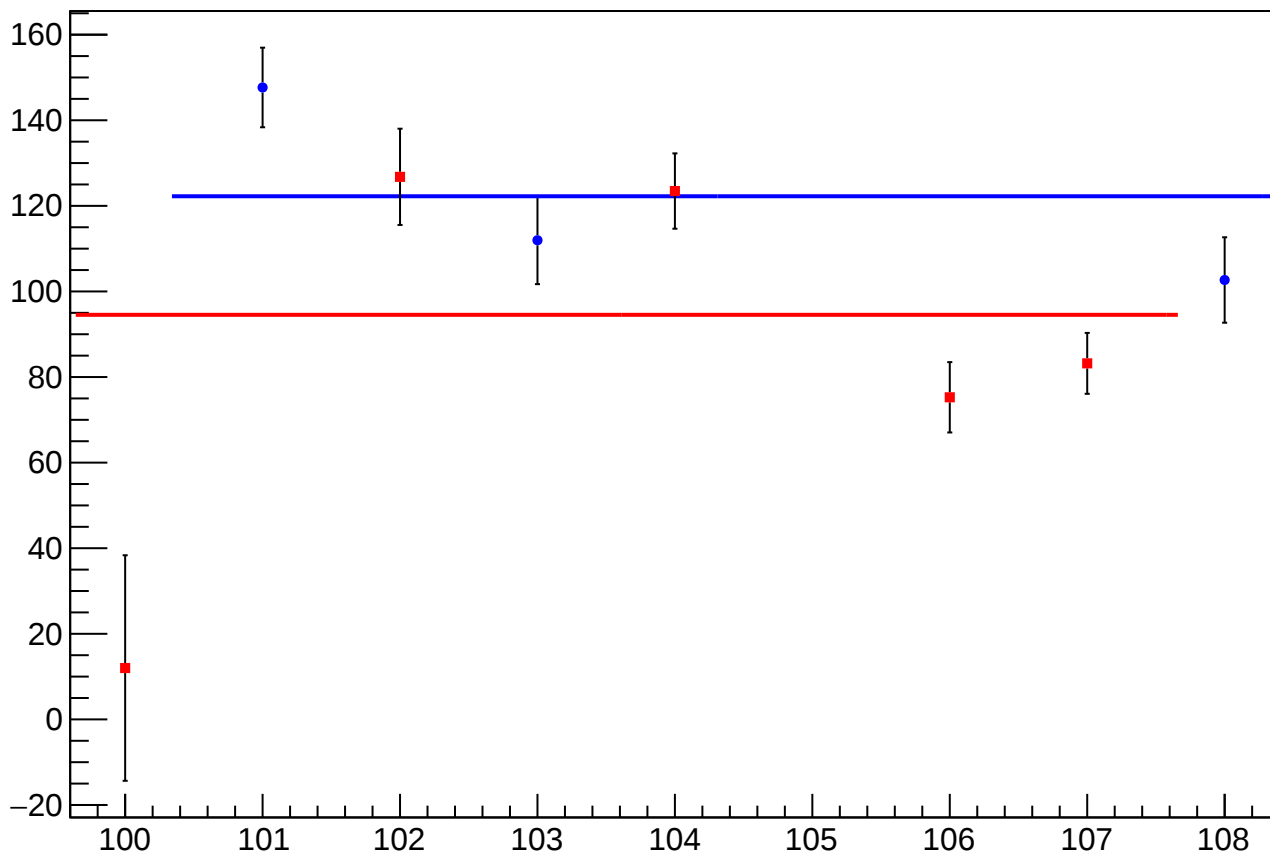
Right: 81.602+/-0.084 χ^2/NDF : 127661.9/7

In: 95.796+/-0.134 χ^2/NDF : 2576.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.602+/-0.084 χ^2/NDF : 127661.9/7

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 122.243 $\pm$ 5.671 χ^2 /NDF: 12.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 94.538 $\pm$ 4.196 χ^2 /NDF: 36.9/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

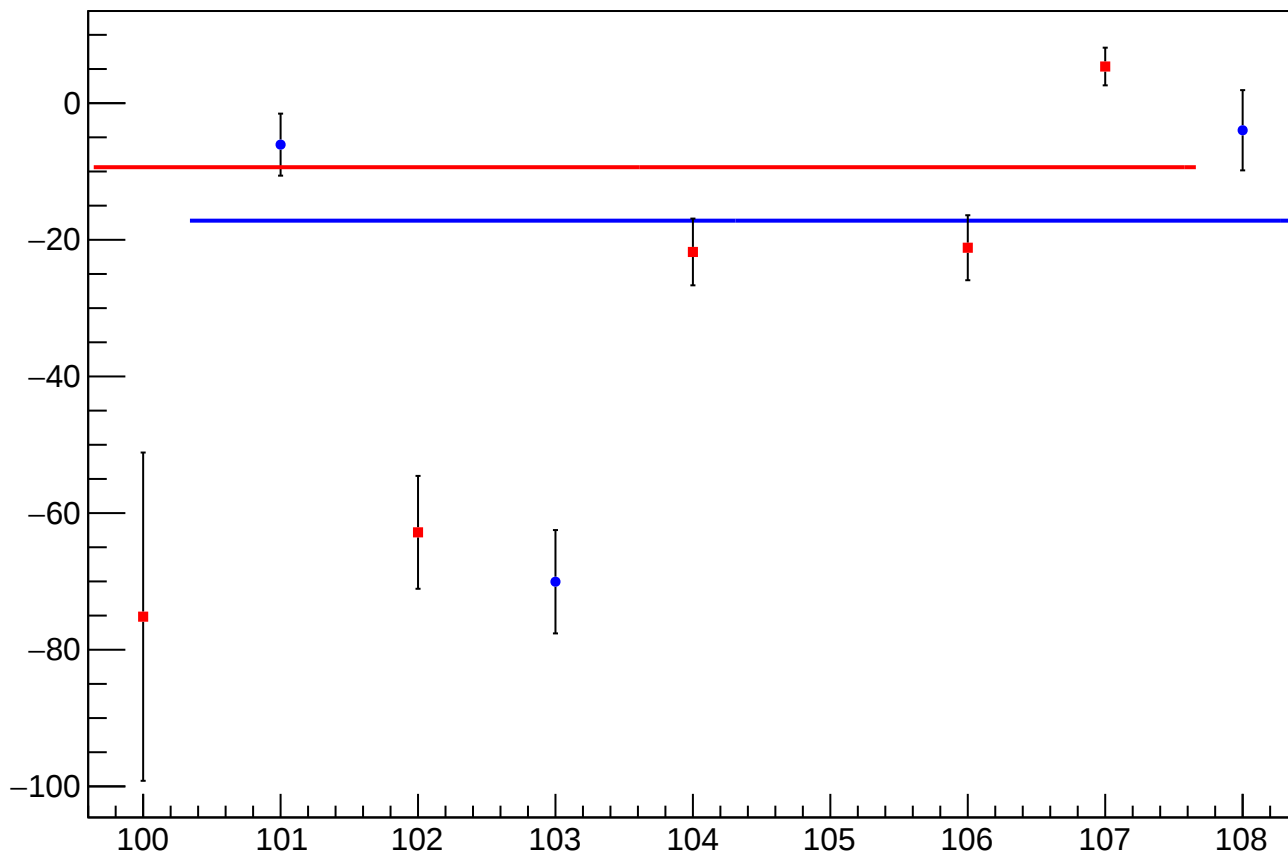
Right: 104.339 $\pm$ 3.373 χ^2 /NDF: 64.6/7

In: 122.243 $\pm$ 5.671 χ^2 /NDF:12.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 104.339 $\pm$ 3.373 χ^2 /NDF: 64.6/7

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.196 $\pm$ 3.244 χ^2 /NDF: 59.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -9.372 $\pm$ 2.067 χ^2 /NDF: 90.5/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

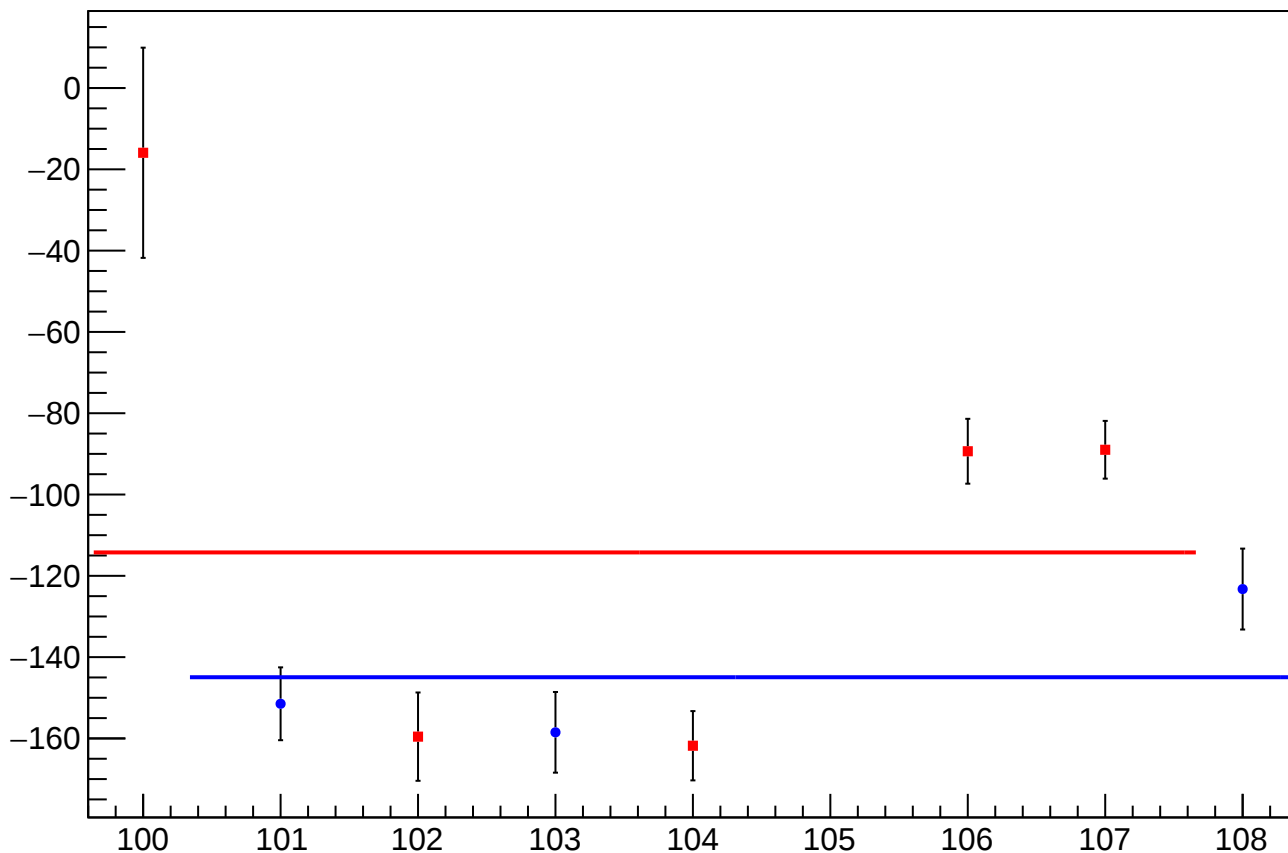
Right: -11.632 $\pm$ 1.743 χ^2 /NDF: 154.6/7

In: -17.196 $\pm$ 3.244 χ^2 /NDF:59.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.632 $\pm$ 1.743 χ^2 /NDF: 154.6/7

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -144.945+/-5.530 χ^2/NDF : 7.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -114.242+/-4.107 χ^2/NDF : 85.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

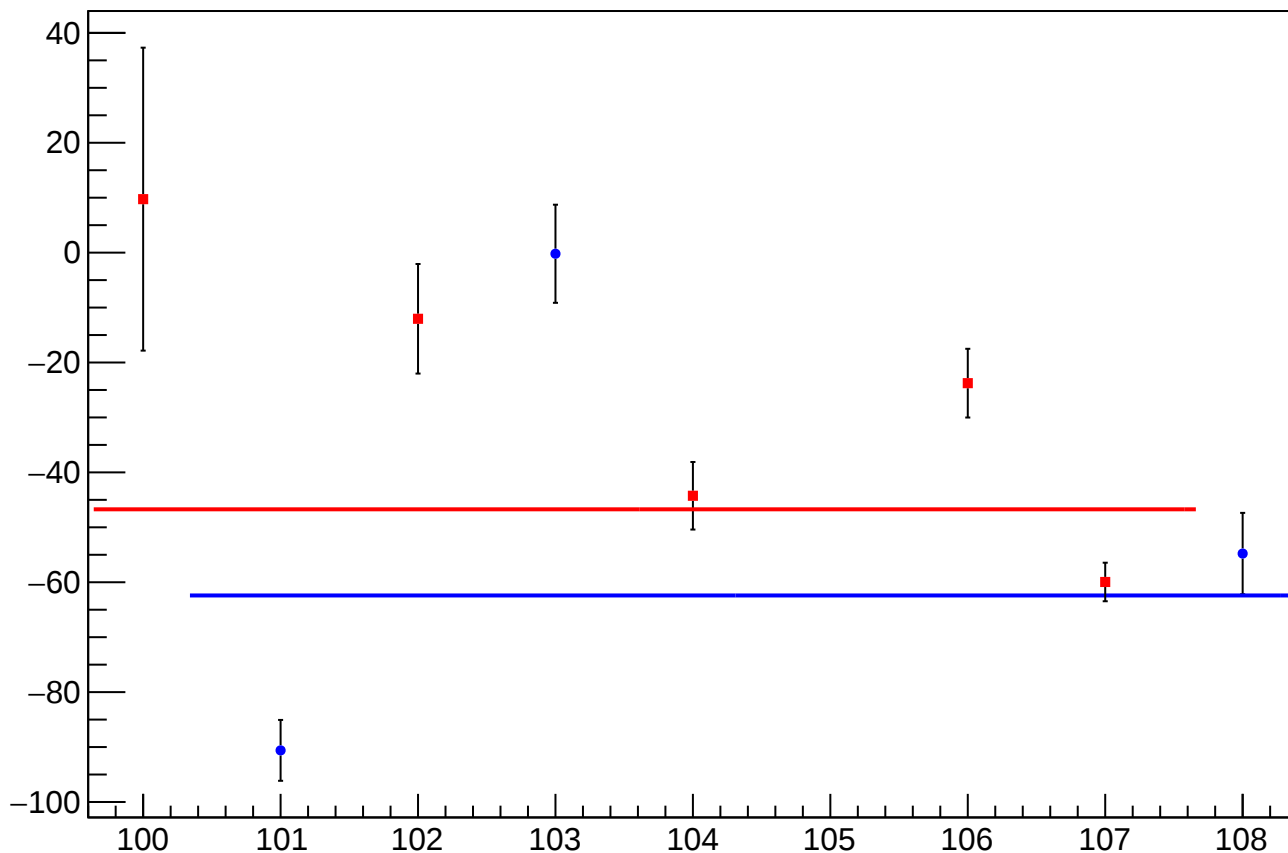
Right: -125.159+/-3.297 χ^2/NDF : 112.4/7

In: -144.945+/-5.530 χ^2/NDF : 7.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -125.159+/-3.297 χ^2/NDF : 112.4/7

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -62.405+/-3.973 χ^2/NDF : 75.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -46.725+/-2.629 χ^2/NDF : 44.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

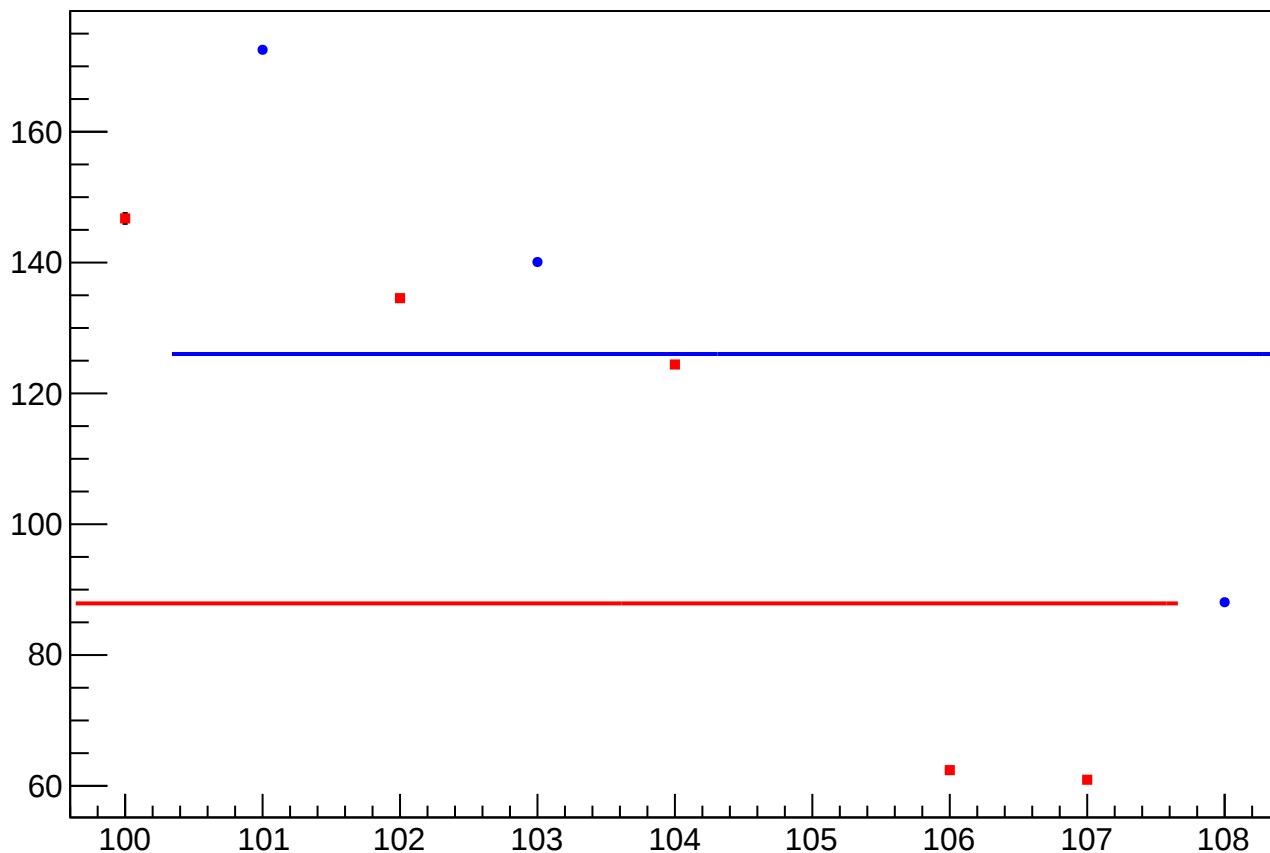
Right: -51.500+/-2.192 χ^2/NDF : 130.5/7

In: -62.405+/-3.973 χ^2/NDF : 75.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.500+/-2.192 χ^2/NDF : 130.5/7

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 126.022+/-0.143 χ^2/NDF : 52712.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.896+/-0.101 χ^2/NDF : 108519.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

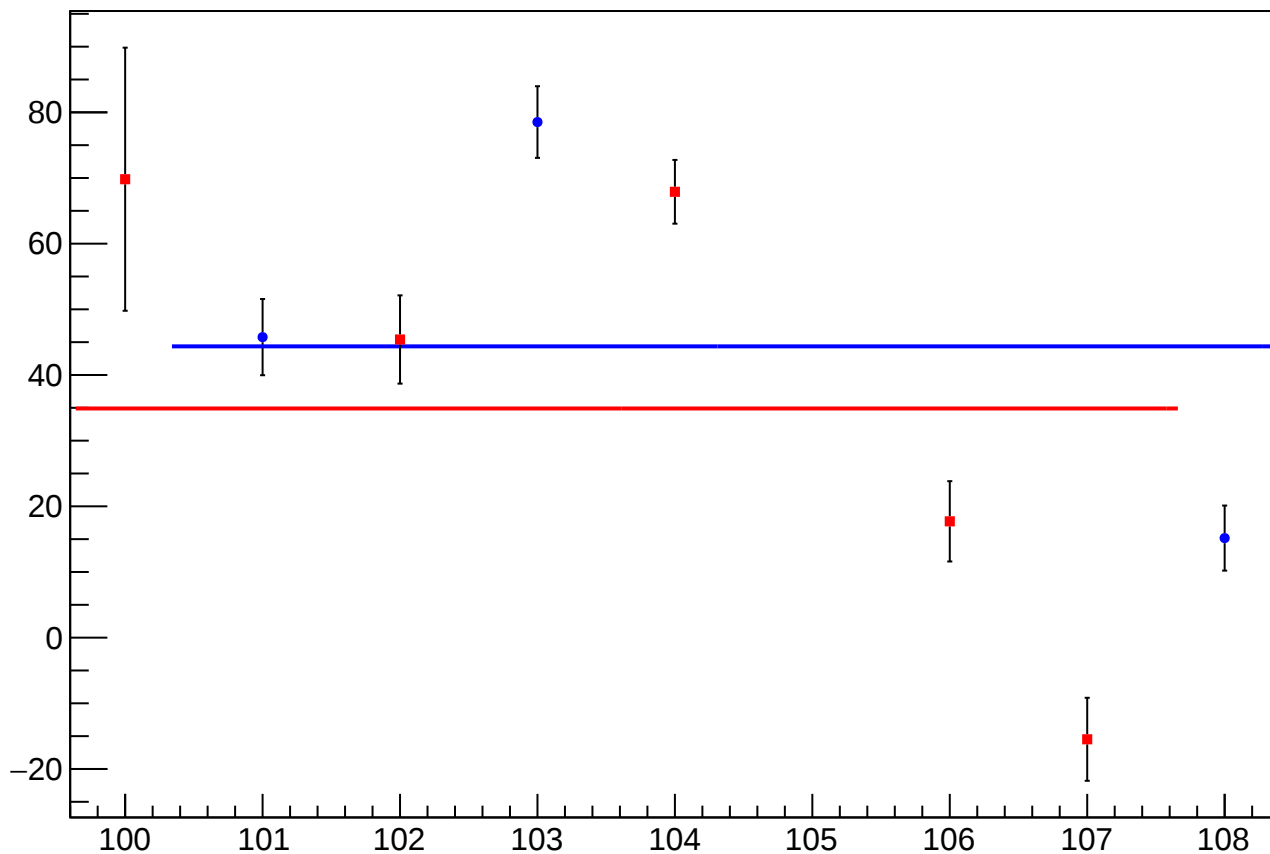
Right: 100.658+/-0.083 χ^2/NDF : 208746.4/7

In: 126.022+/-0.143 χ^2/NDF : 52712.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.658+/-0.083 χ^2/NDF : 208746.4/7

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 44.361 $\pm$ 3.100 χ^2 /NDF: 74.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 34.901 $\pm$ 2.901 χ^2 /NDF: 123.1/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

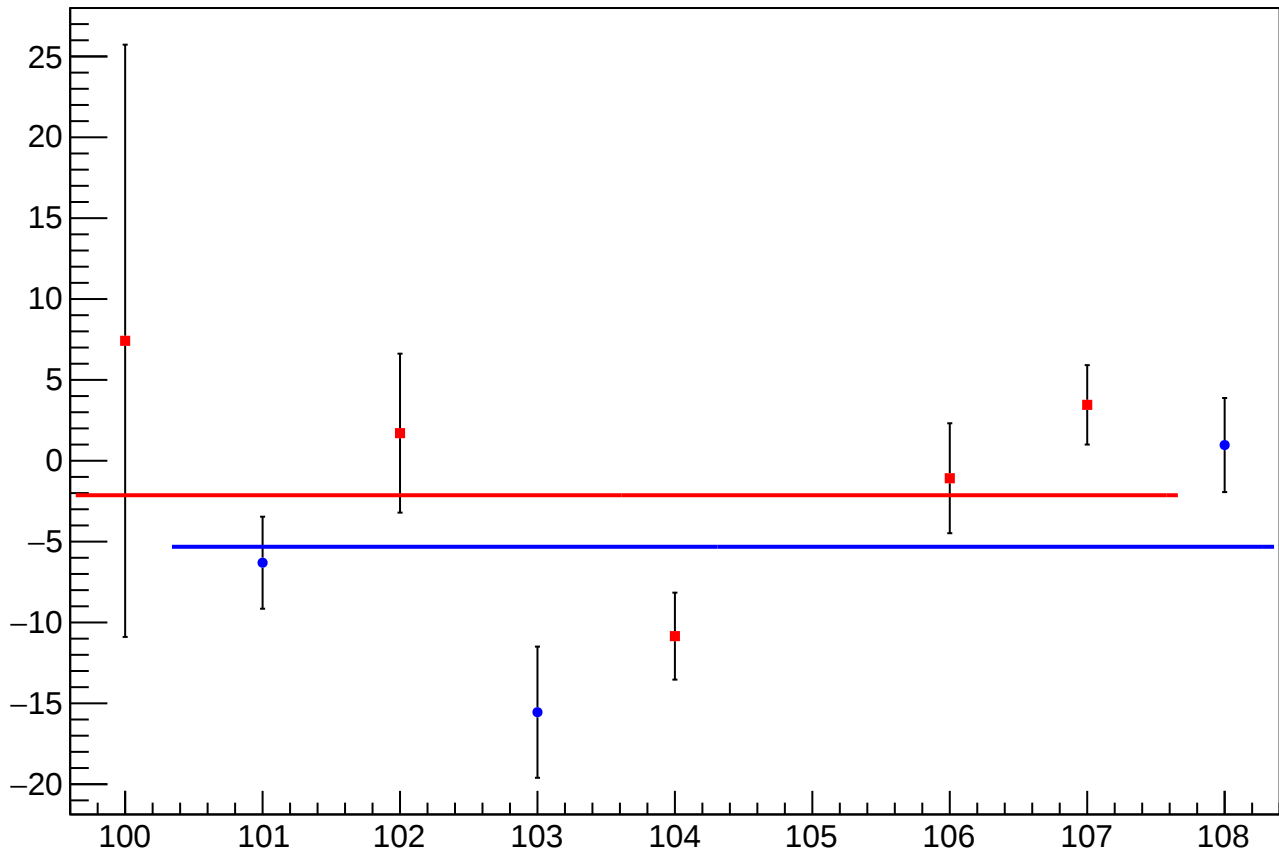
Right: 39.316 $\pm$ 2.118 χ^2 /NDF: 202.1/7

In: 44.361 $\pm$ 3.100 χ^2 /NDF: 74.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.316 $\pm$ 2.118 χ^2 /NDF: 202.1/7

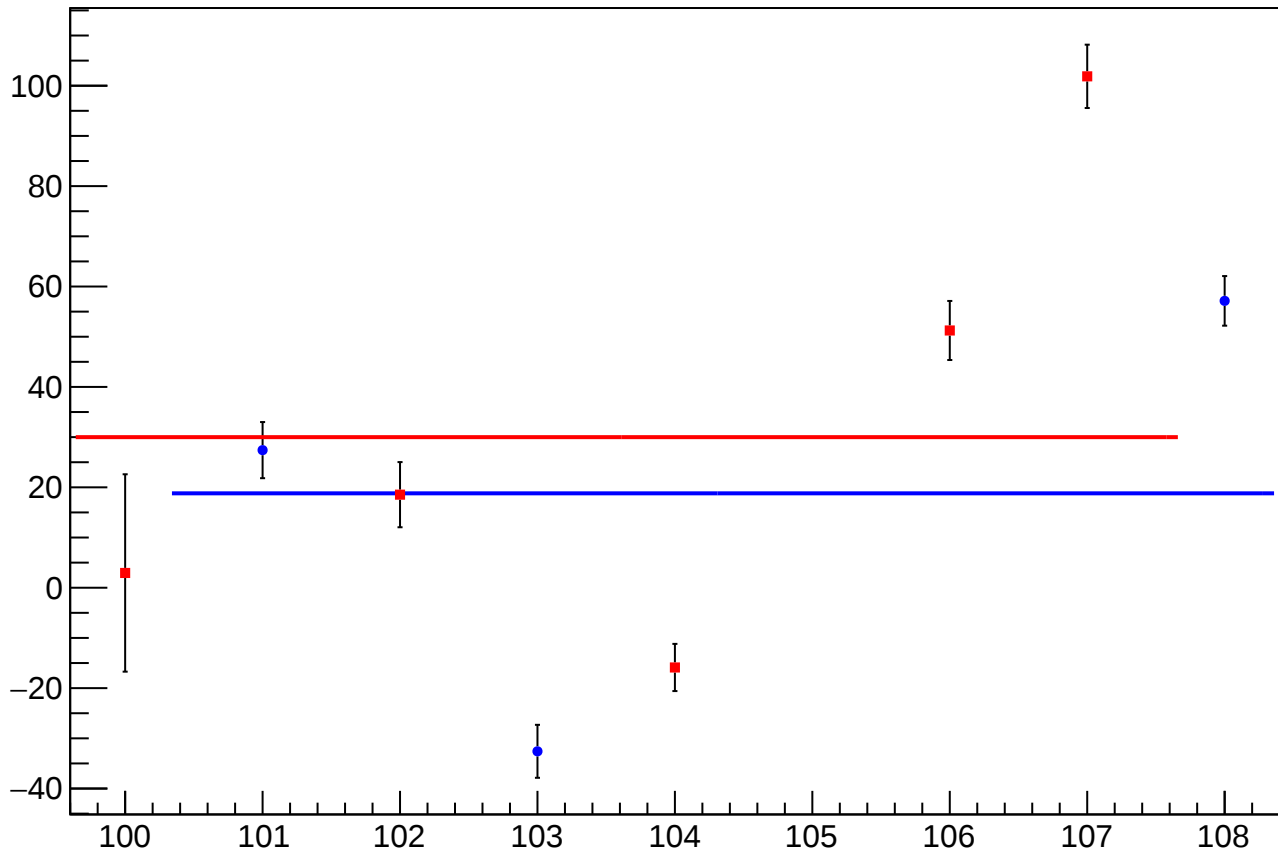
reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.319 $\pm$ 1.818 χ^2 /NDF: 11.2/2
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -2.131 $\pm$ 1.516 χ^2 /NDF: 16.7/4
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -3.439 $\pm$ 1.164 χ^2 /NDF: 29.6/7
 In: -5.319 $\pm$ 1.818 χ^2 /NDF:11.2/2
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -3.439 $\pm$ 1.164 χ^2 /NDF: 29.6/7

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 18.804 $\pm$ 3.031 χ^2 /NDF: 157.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 29.996 $\pm$ 2.821 χ^2 /NDF: 243.2/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

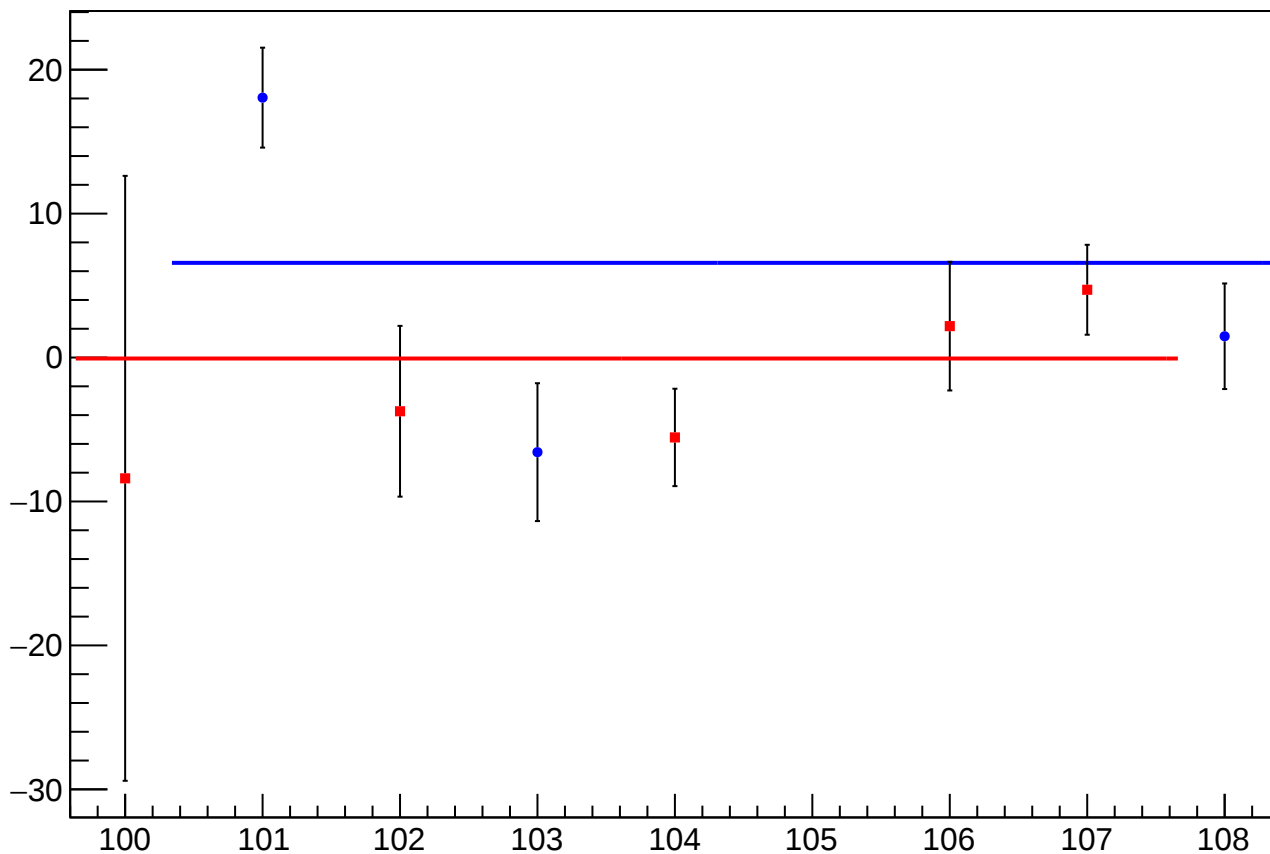
Right: 24.800 $\pm$ 2.065 χ^2 /NDF: 407.9/7

In: 18.804 $\pm$ 3.031 χ^2 /NDF:157.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 24.800 $\pm$ 2.065 χ^2 /NDF: 407.9/7

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.579+/-2.231 χ^2/NDF : 20.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.067+/-1.922 χ^2/NDF : 5.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

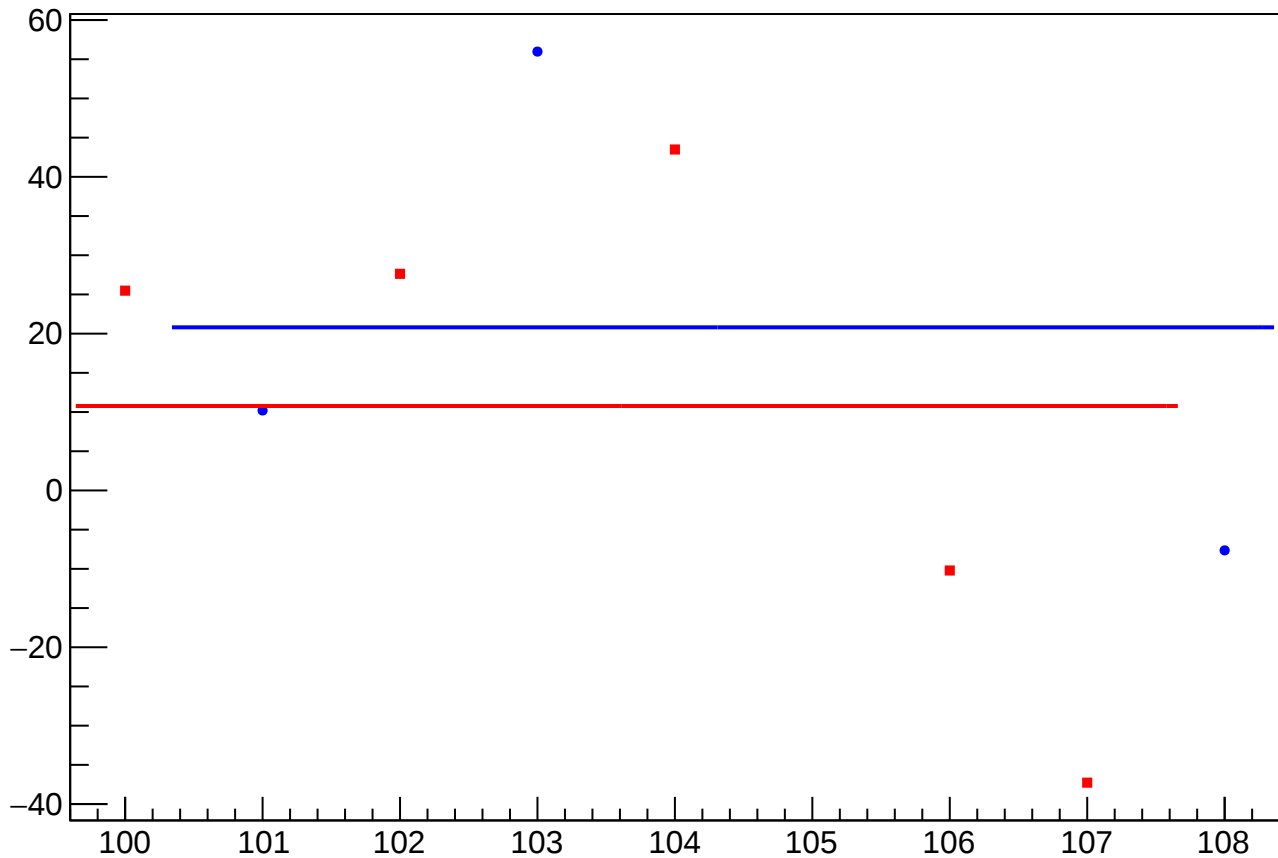
Right: 2.765+/-1.456 χ^2/NDF : 31.3/7

In: 6.579+/-2.231 χ^2/NDF : 20.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.765+/-1.456 χ^2/NDF : 31.3/7

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 20.806+/-0.076 χ^2/NDF : 154857.7/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 10.771+/-0.071 χ^2/NDF : 213620.9/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

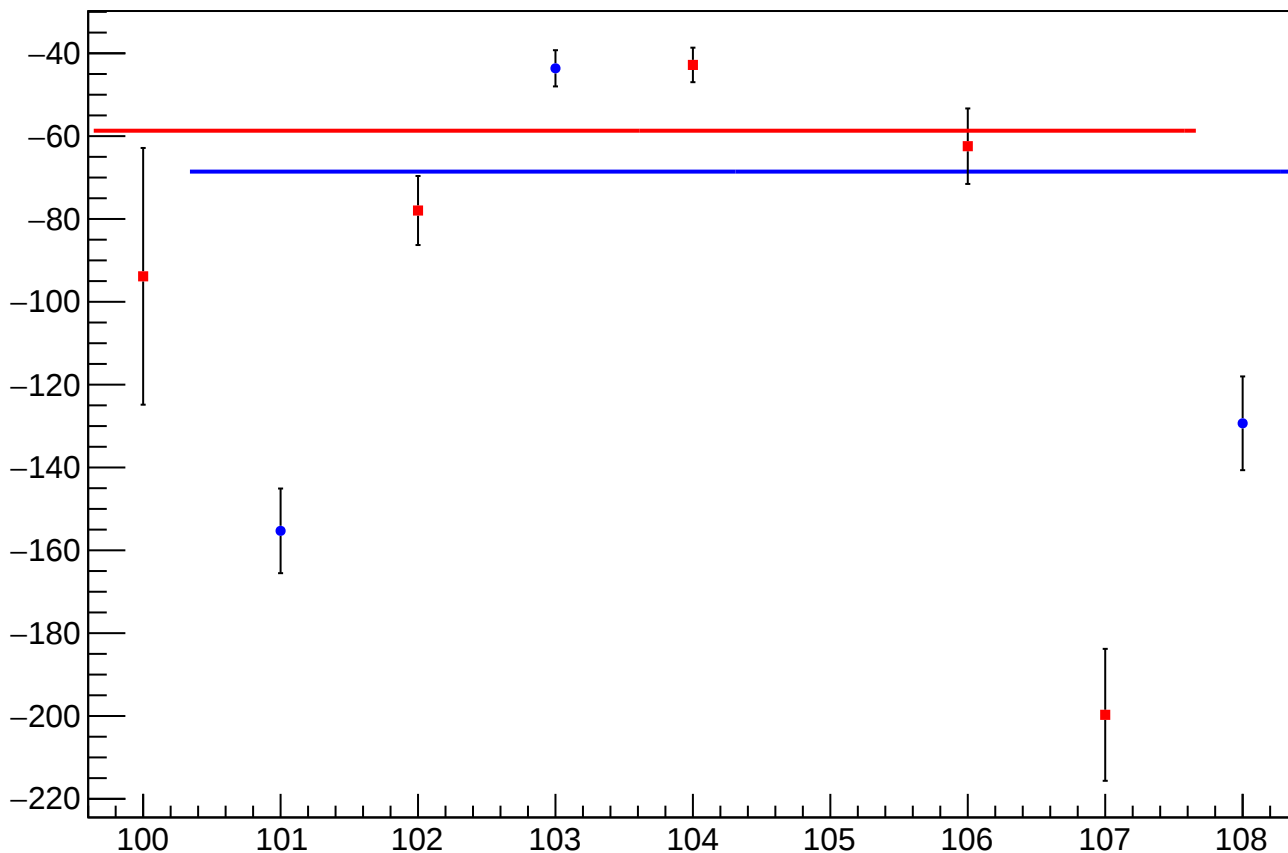
Right: 15.456+/-0.052 χ^2/NDF : 377875.9/7

In: 20.806+/-0.076 χ^2/NDF :154857.7/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 15.456+/-0.052 χ^2/NDF : 377875.9/7

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -68.564+/-3.787 χ^2/NDF : 133.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -58.691+/-3.351 χ^2/NDF : 99.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

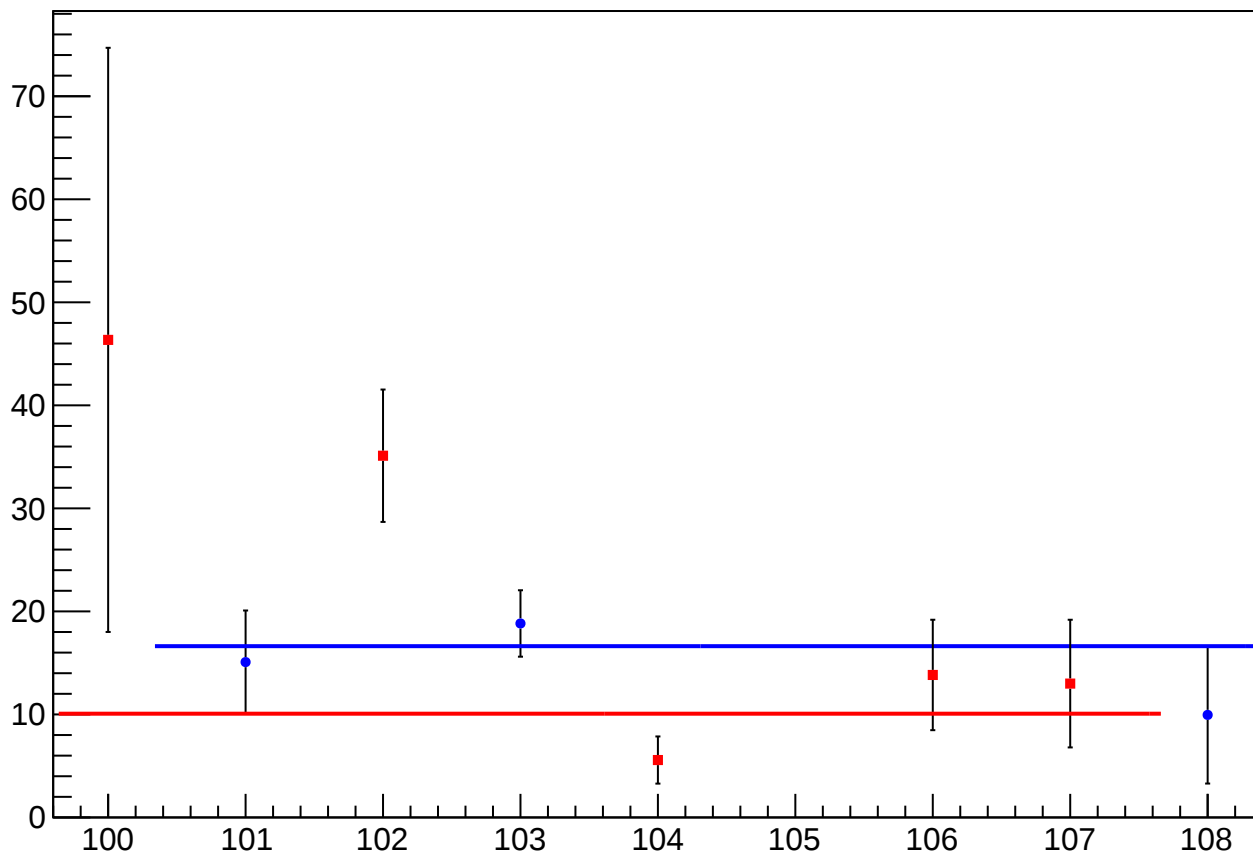
Right: -63.027+/-2.510 χ^2/NDF : 237.0/7

In: -68.564+/-3.787 χ^2/NDF : 133.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.027+/-2.510 χ^2/NDF : 237.0/7

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.625 $\pm$ 2.511 χ^2 /NDF: 1.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 10.071 $\pm$ 1.899 χ^2 /NDF: 21.4/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

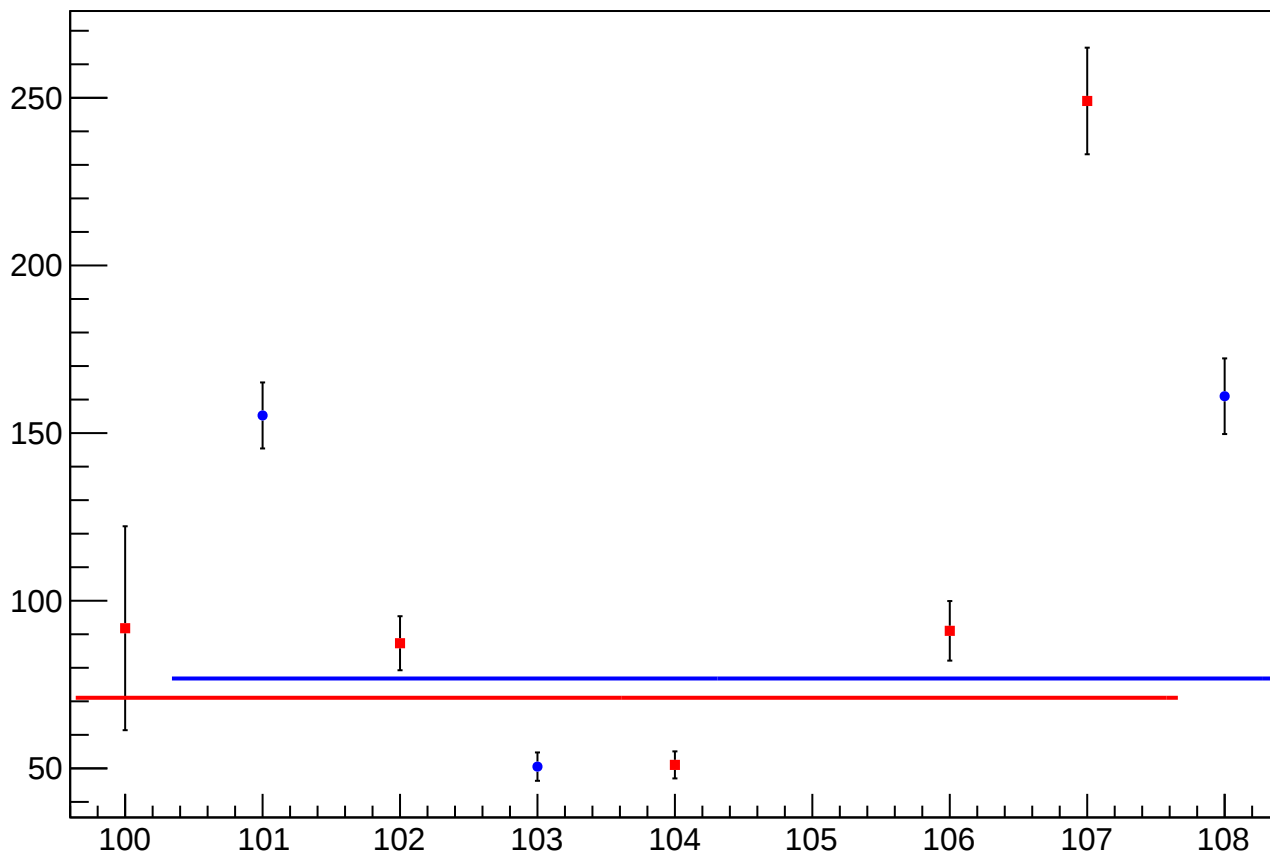
Right: 12.456 $\pm$ 1.515 χ^2 /NDF: 27.3/7

In: 16.625 $\pm$ 2.511 χ^2 /NDF:1.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 12.456 $\pm$ 1.515 χ^2 /NDF: 27.3/7

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.808 $\pm$ 3.673 χ^2 /NDF: 157.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 71.060 $\pm$ 3.252 χ^2 /NDF: 159.6/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

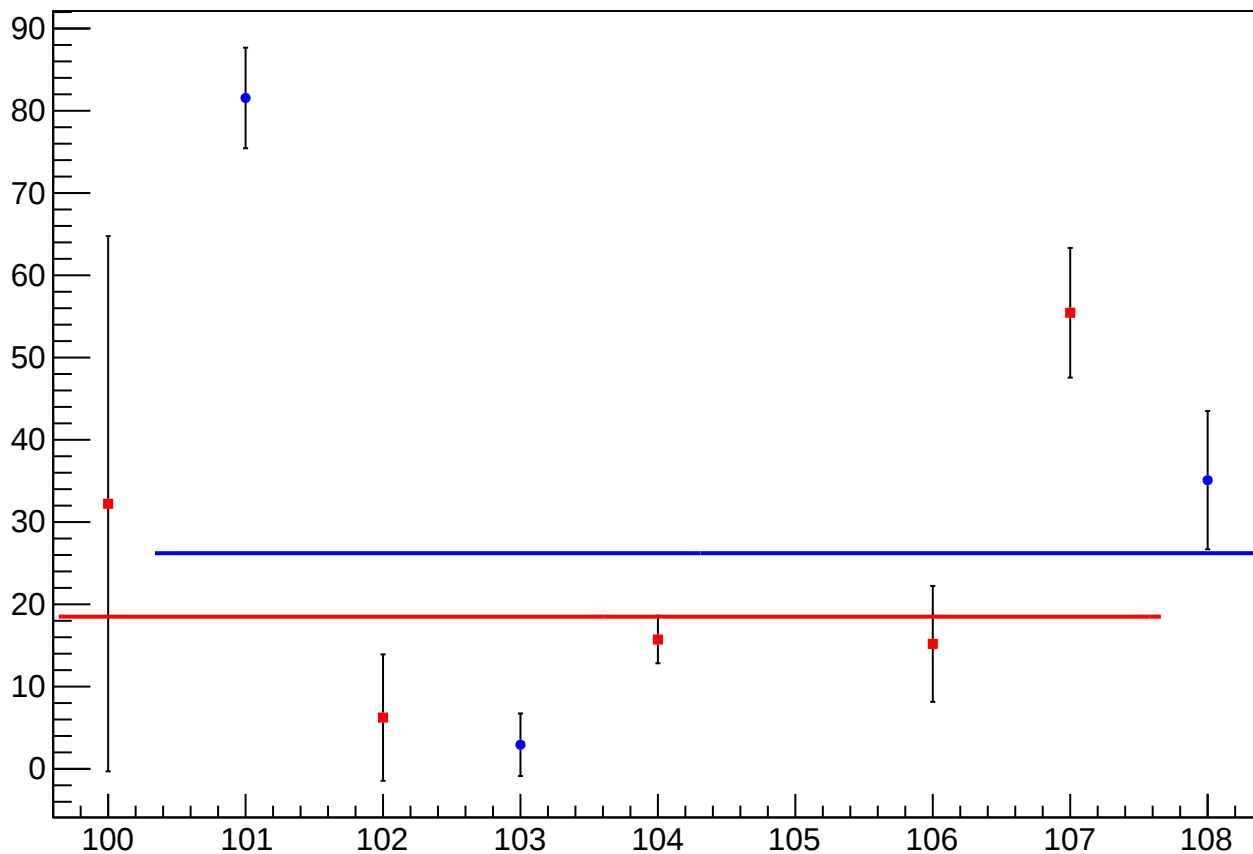
Right: 73.585 $\pm$ 2.435 χ^2 /NDF: 318.8/7

In: 76.808 $\pm$ 3.673 χ^2 /NDF: 157.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 73.585 $\pm$ 2.435 χ^2 /NDF: 318.8/7

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 26.218+/-3.015 χ^2/NDF : 120.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.504+/-2.398 χ^2/NDF : 25.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

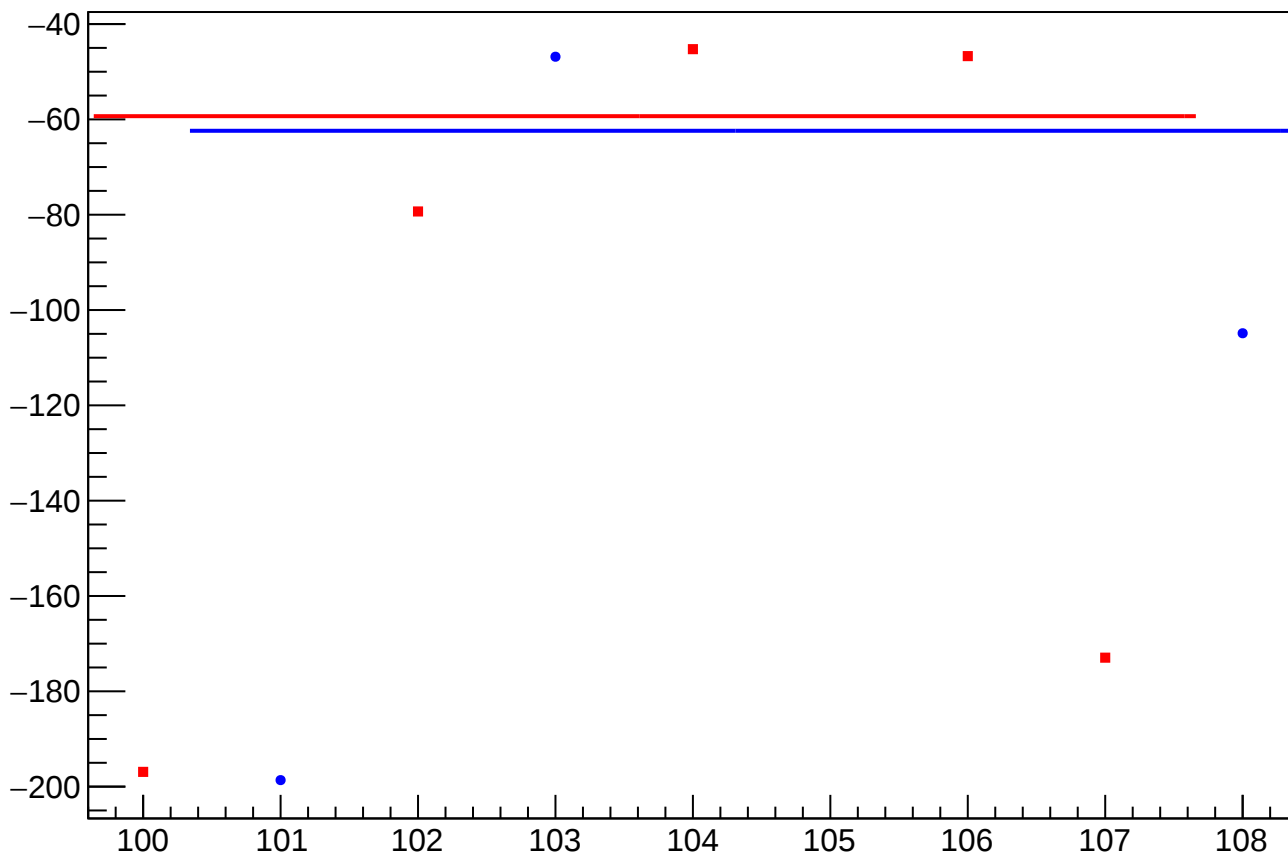
Right: 21.493+/-1.877 χ^2/NDF : 150.4/7

In: 26.218+/-3.015 χ^2/NDF : 120.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.493+/-1.877 χ^2/NDF : 150.4/7

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -62.390+/-0.086 χ^2/NDF : 201775.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -59.325+/-0.081 χ^2/NDF : 149717.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

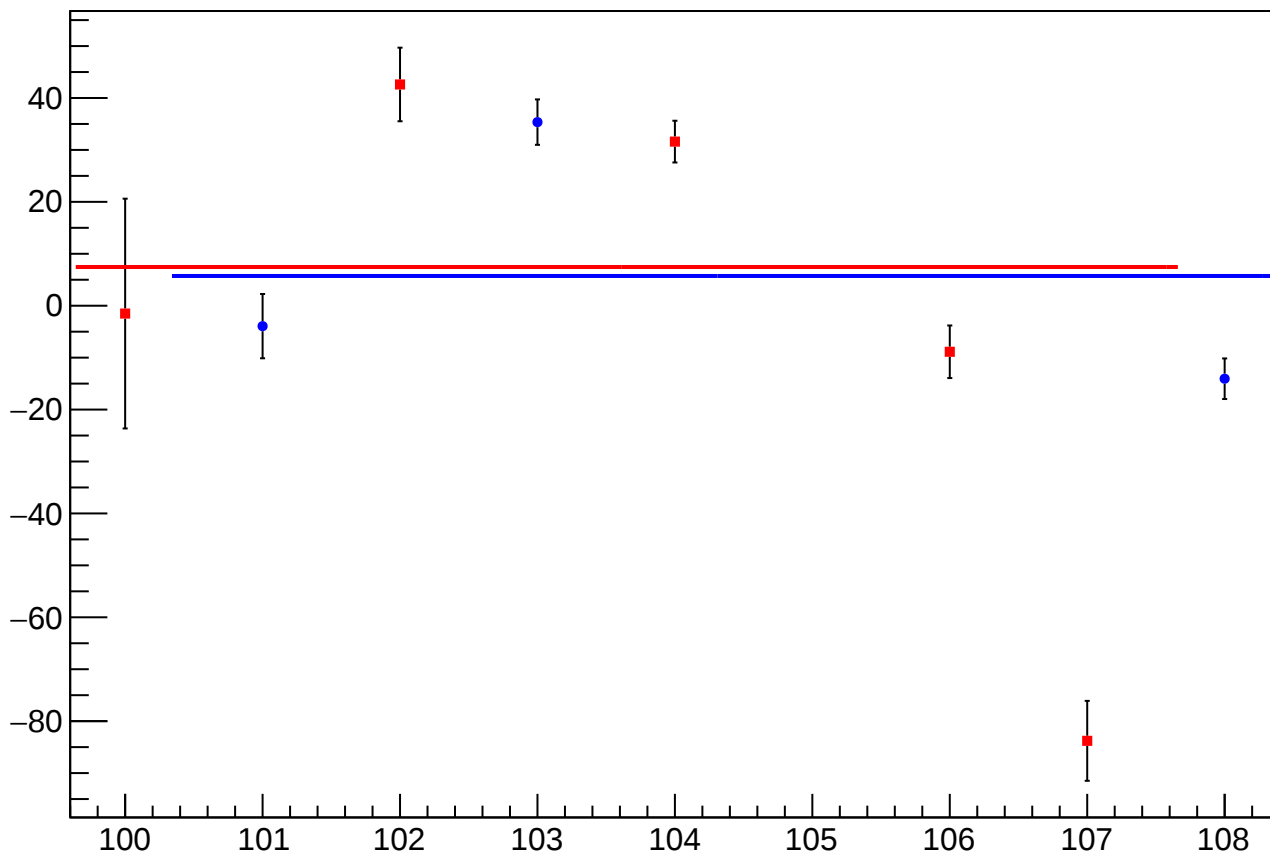
Right: -60.760+/-0.059 χ^2/NDF : 352162.6/7

In: -62.390+/-0.086 χ^2/NDF : 201775.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -60.760+/-0.059 χ^2/NDF : 352162.6/7

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 5.727+/-2.636 χ^2/NDF : 74.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.456+/-2.674 χ^2/NDF : 211.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

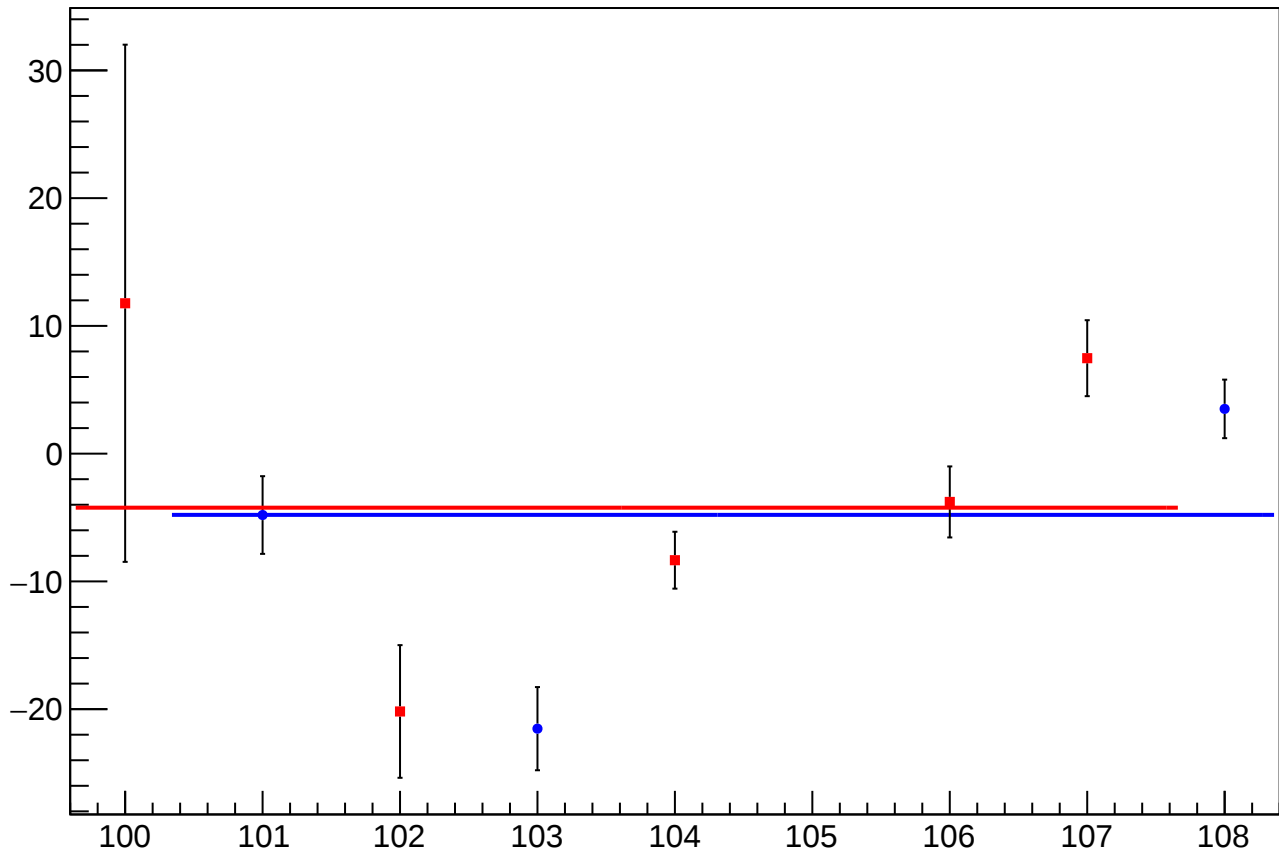
Right: 6.579+/-1.878 χ^2/NDF : 286.0/7

In: 5.727+/-2.636 χ^2/NDF : 74.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.579+/-1.878 χ^2/NDF : 286.0/7

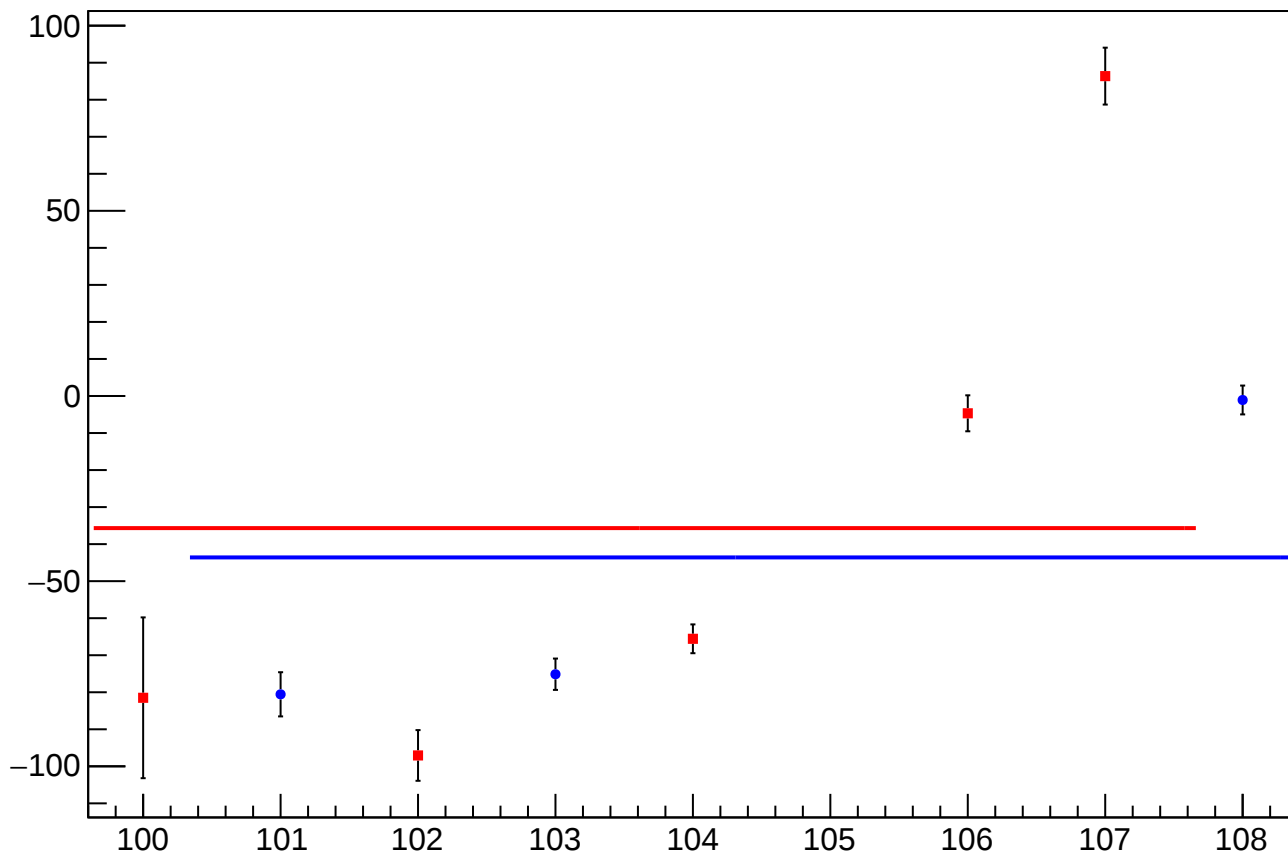
reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.792+/-1.595 χ^2/NDF : 39.5/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -4.229+/-1.438 χ^2/NDF : 29.0/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -4.482+/-1.068 χ^2/NDF : 68.6/7
 In: -4.792+/-1.595 χ^2/NDF : 39.5/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -4.482+/-1.068 χ^2/NDF : 68.6/7

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.591+/-2.583 χ^2/NDF : 213.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.674+/-2.592 χ^2/NDF : 437.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

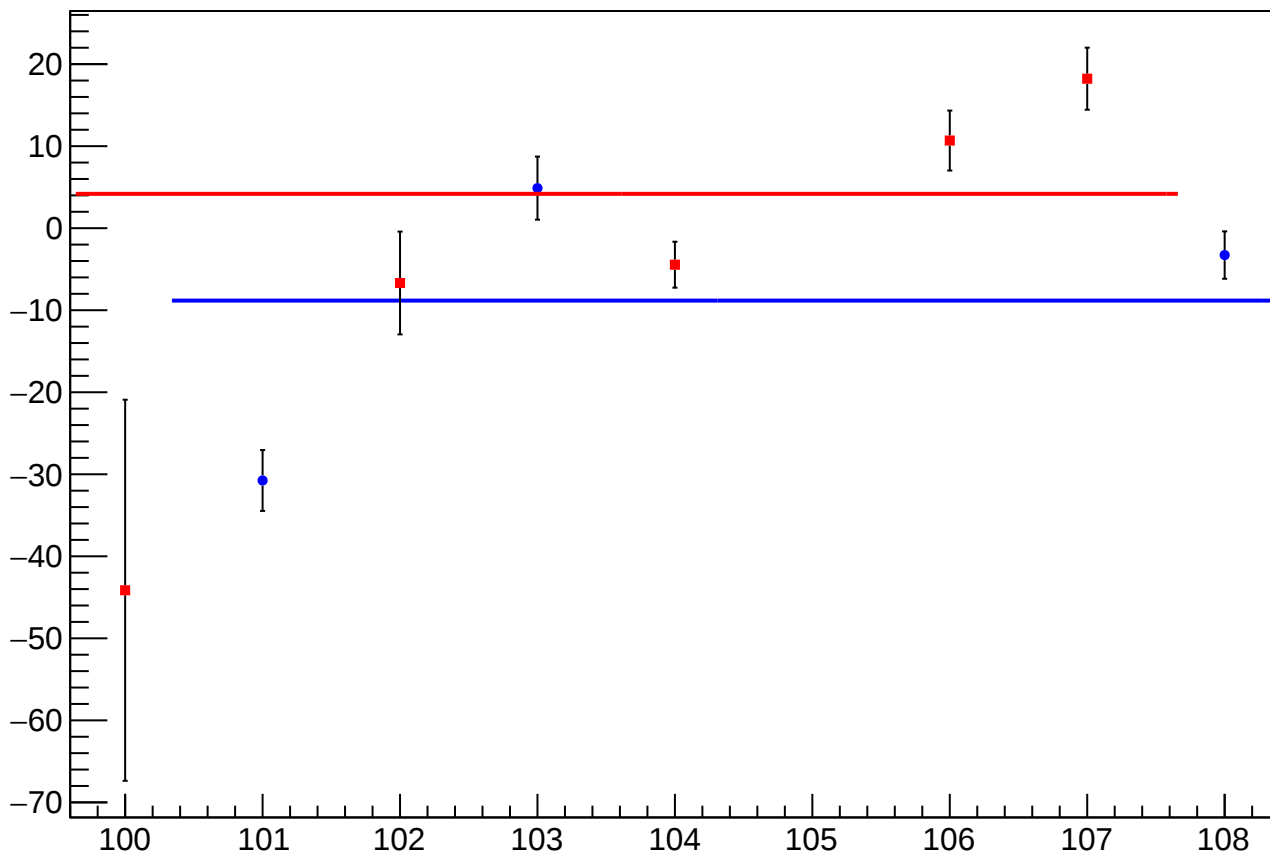
Right: -39.646+/-1.830 χ^2/NDF : 654.8/7

In: -43.591+/-2.583 χ^2/NDF : 213.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.646+/-1.830 χ^2/NDF : 654.8/7

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -8.827 $\pm$ 1.961 χ^2 /NDF: 51.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4.188 $\pm$ 1.827 χ^2 /NDF: 33.8/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

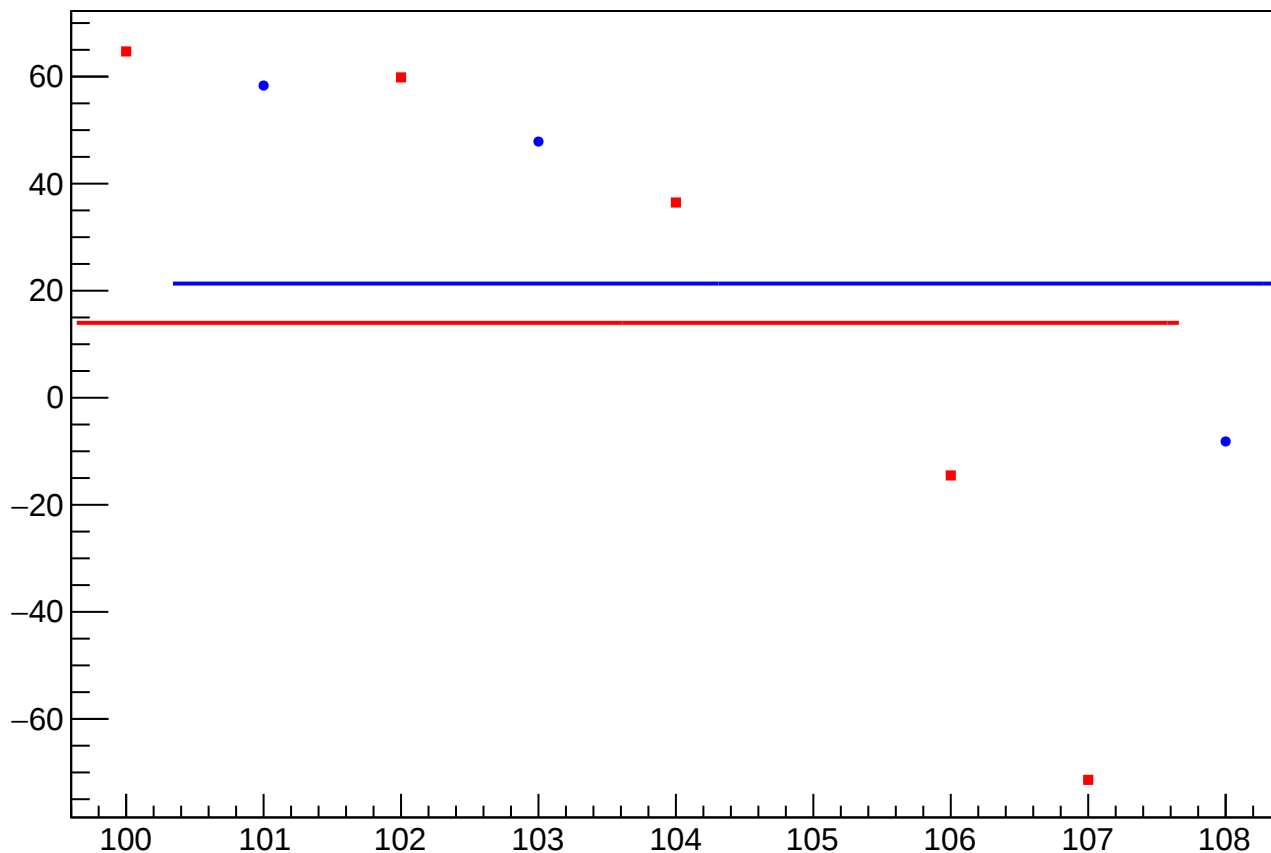
Right: -1.863 $\pm$ 1.337 χ^2 /NDF: 108.7/7

In: -8.827 $\pm$ 1.961 χ^2 /NDF:51.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.863 $\pm$ 1.337 χ^2 /NDF: 108.7/7

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 21.333+/-0.062 χ^2/NDF : 218426.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.996+/-0.066 χ^2/NDF : 416408.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

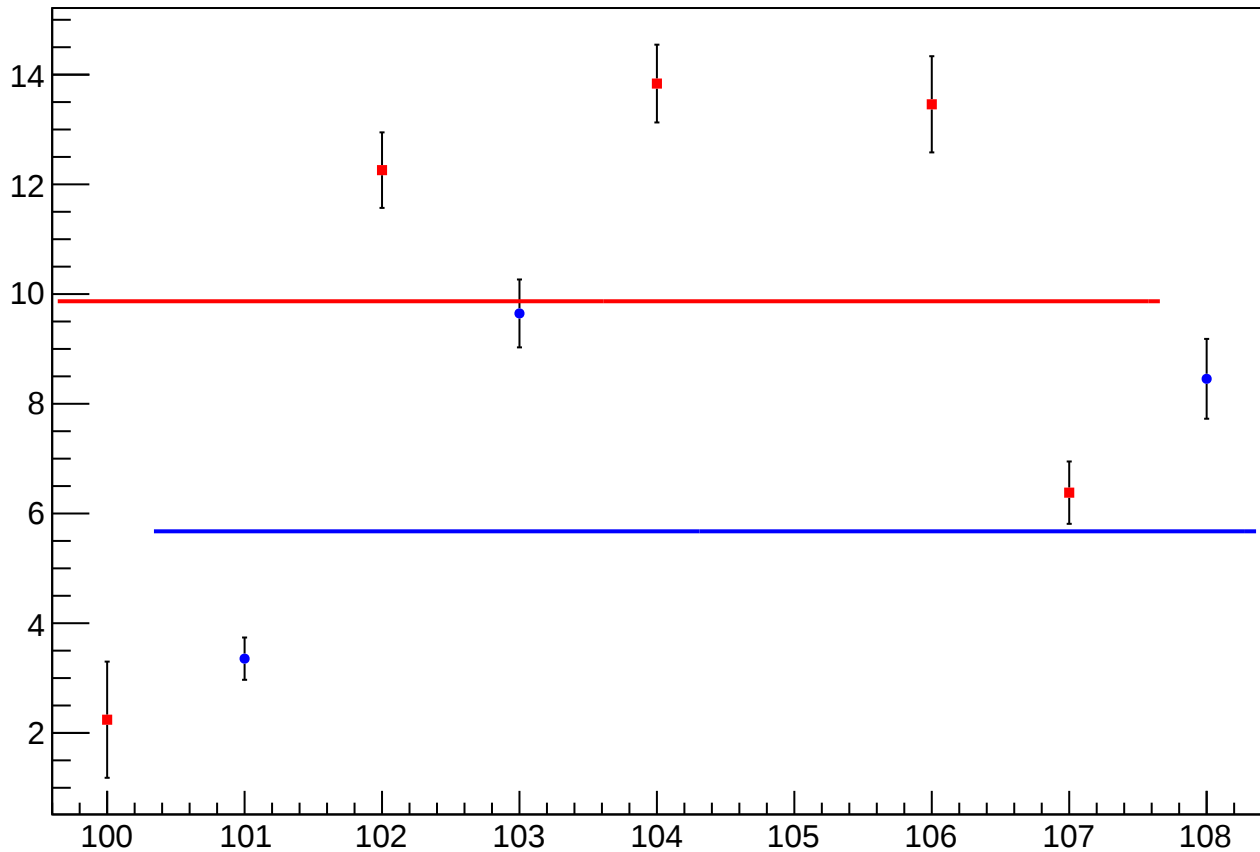
Right: 17.907+/-0.045 χ^2/NDF : 641364.1/7

In: 21.333+/-0.062 χ^2/NDF : 218426.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.907+/-0.045 χ^2/NDF : 641364.1/7

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 5.675+/-0.298 χ^2/NDF : 92.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.869+/-0.326 χ^2/NDF : 149.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

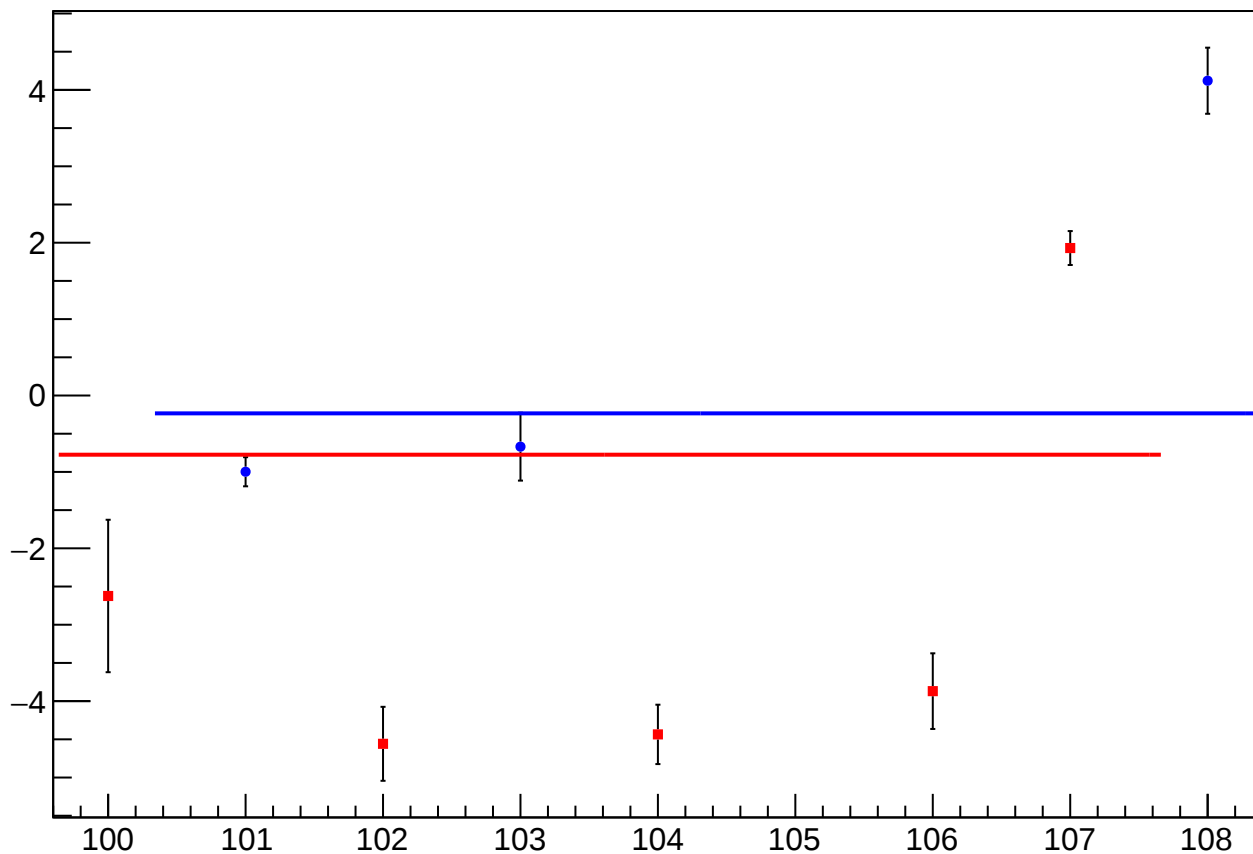
Right: 7.585+/-0.220 χ^2/NDF : 331.7/7

In: 5.675+/-0.298 χ^2/NDF : 92.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.585+/-0.220 χ^2/NDF : 331.7/7

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.234+/-0.162 χ^2/NDF : 118.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.775+/-0.166 χ^2/NDF : 340.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

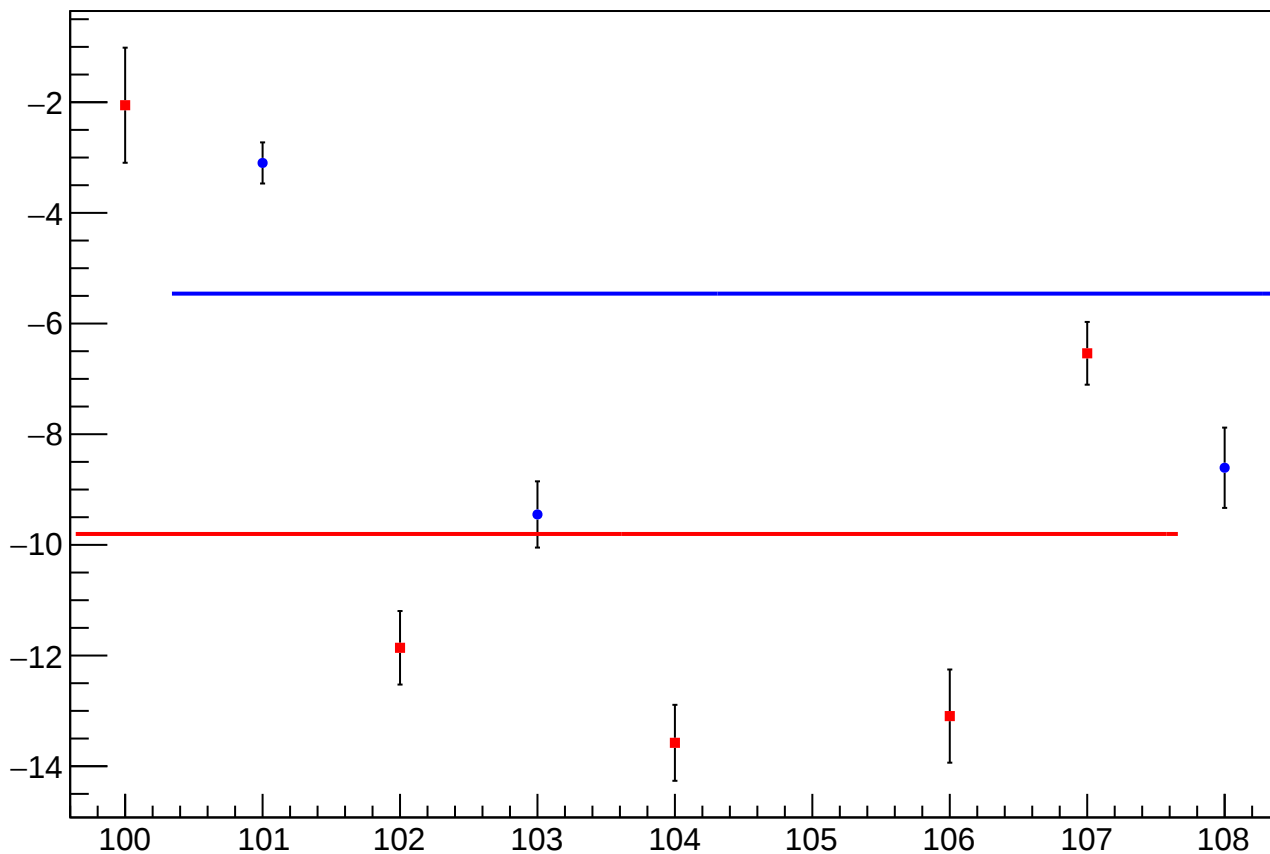
Right: -0.498+/-0.116 χ^2/NDF : 464.6/7

In: -0.234+/-0.162 χ^2/NDF : 118.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.498+/-0.116 χ^2/NDF : 464.6/7

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.459+/-0.289 χ^2/NDF : 103.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.803+/-0.319 χ^2/NDF : 143.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

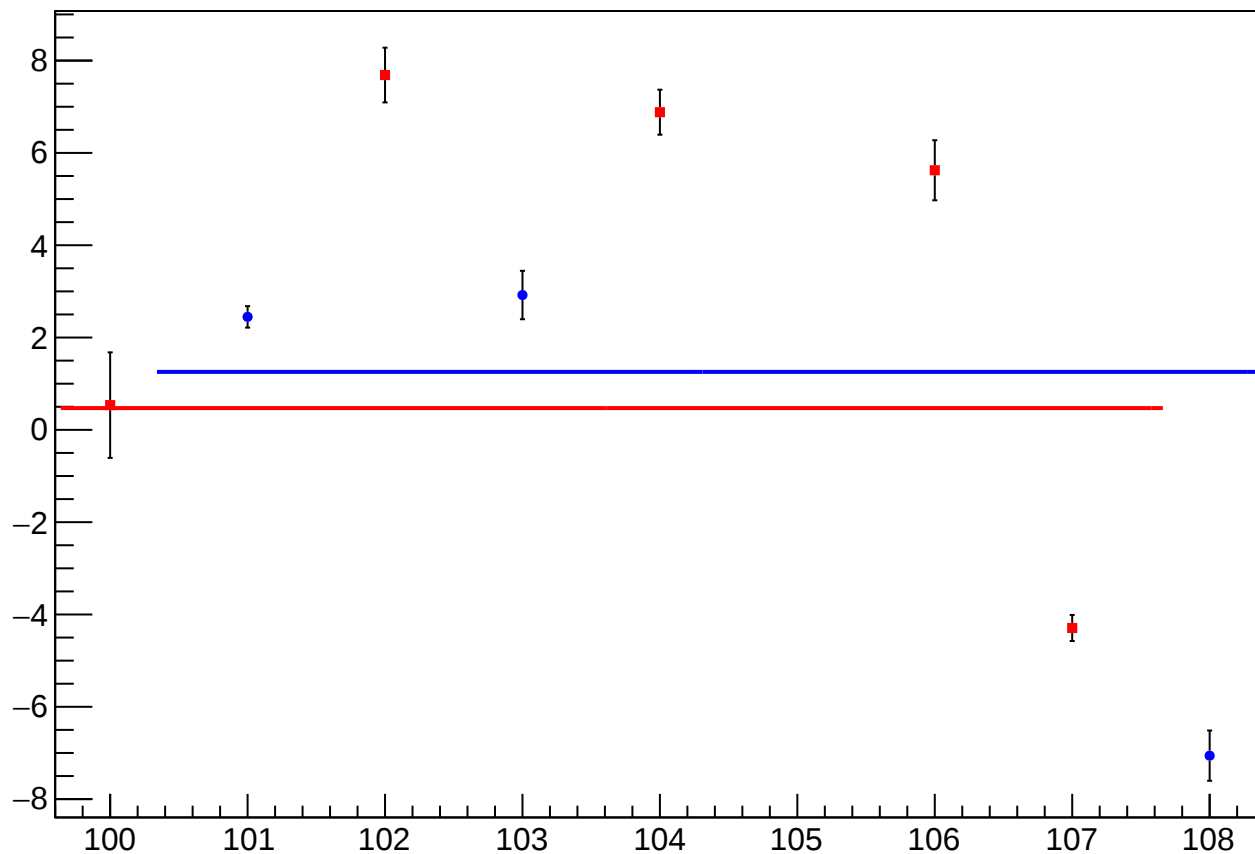
Right: -7.421+/-0.214 χ^2/NDF : 349.1/7

In: -5.459+/-0.289 χ^2/NDF : 103.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.421+/-0.214 χ^2/NDF : 349.1/7

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.256+/-0.198 χ^2/NDF : 269.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.471+/-0.210 χ^2/NDF : 668.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

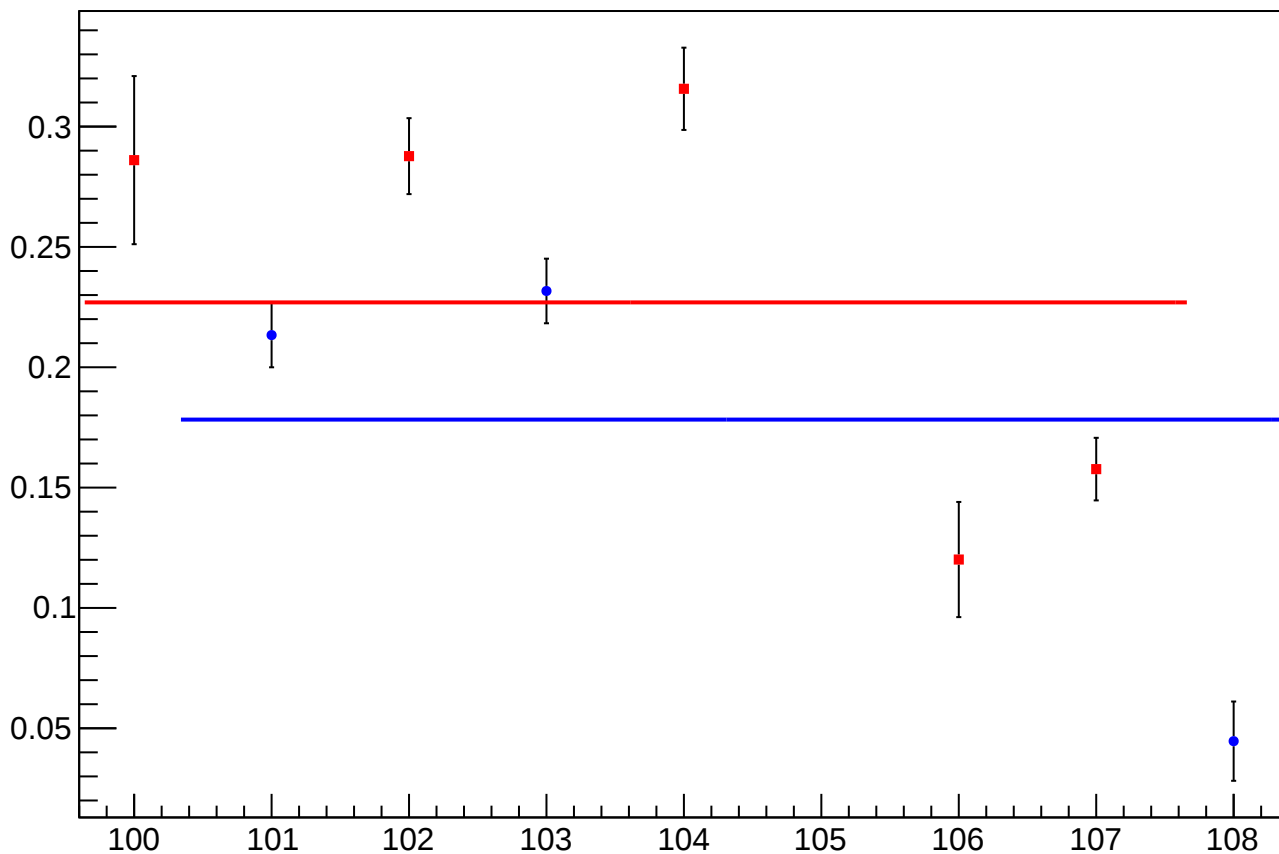
Right: 0.886+/-0.144 χ^2/NDF : 944.8/7

In: 1.256+/-0.198 χ^2/NDF : 269.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.886+/-0.144 χ^2/NDF : 944.8/7

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.178+/-0.008 χ^2/NDF : 88.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.227+/-0.008 χ^2/NDF : 93.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

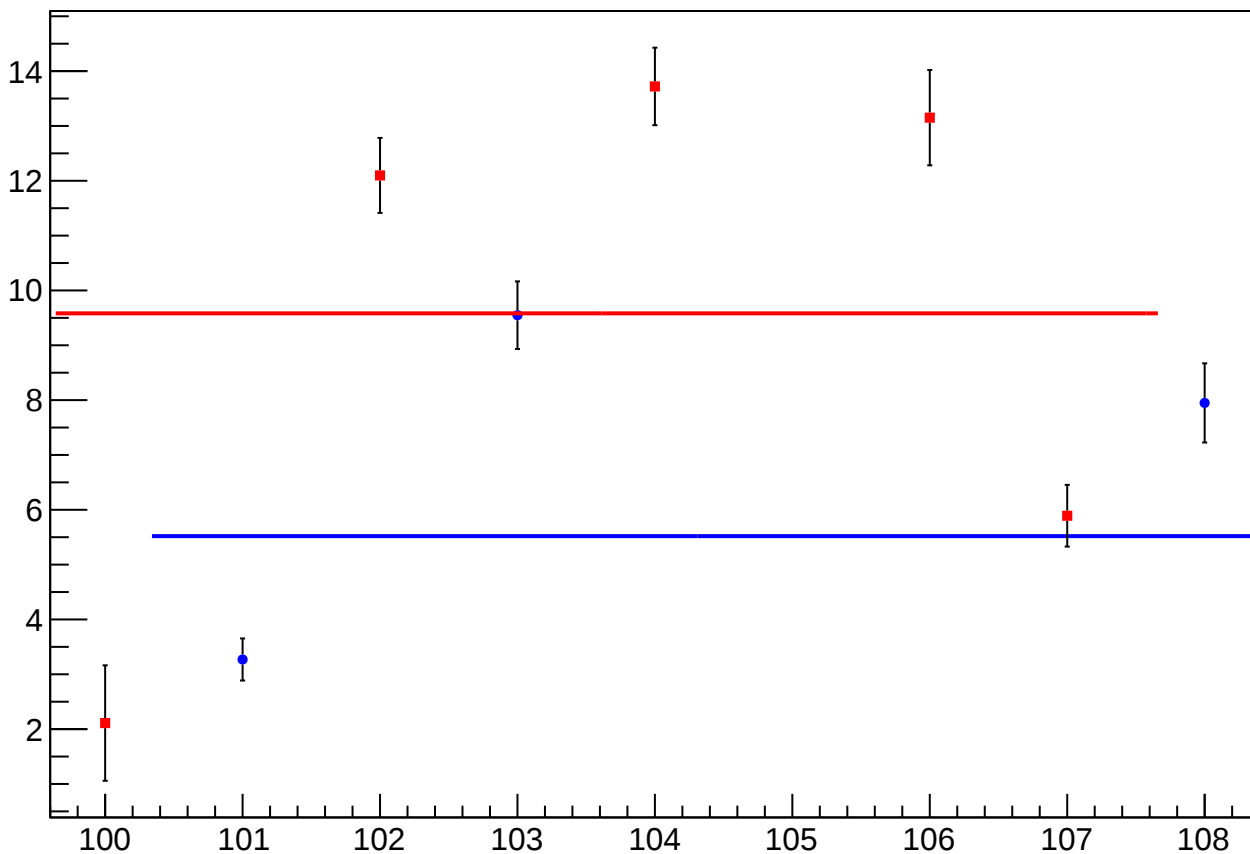
Right: 0.203+/-0.006 χ^2/NDF : 199.7/7

In: 0.178+/-0.008 χ^2/NDF : 88.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.203+/-0.006 χ^2/NDF : 199.7/7

reg_asym_bcm_an_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 5.519+/-0.297 χ^2/NDF : 88.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.582+/-0.324 χ^2/NDF : 158.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

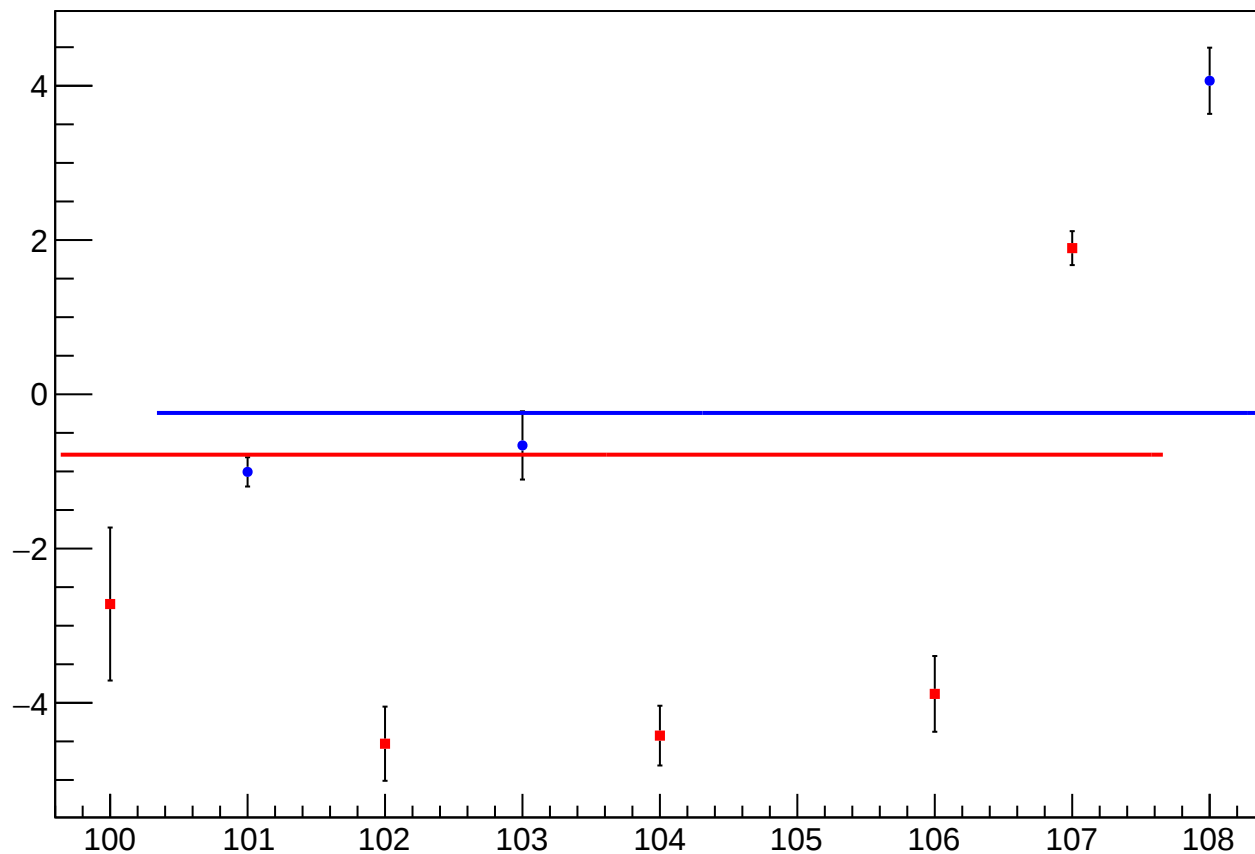
Right: 7.374+/-0.219 χ^2/NDF : 331.8/7

In: 5.519+/-0.297 χ^2/NDF : 88.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.374+/-0.219 χ^2/NDF : 331.8/7

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.242 ± 0.162 χ^2/NDF : 117.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.783 ± 0.165 χ^2/NDF : 341.0/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

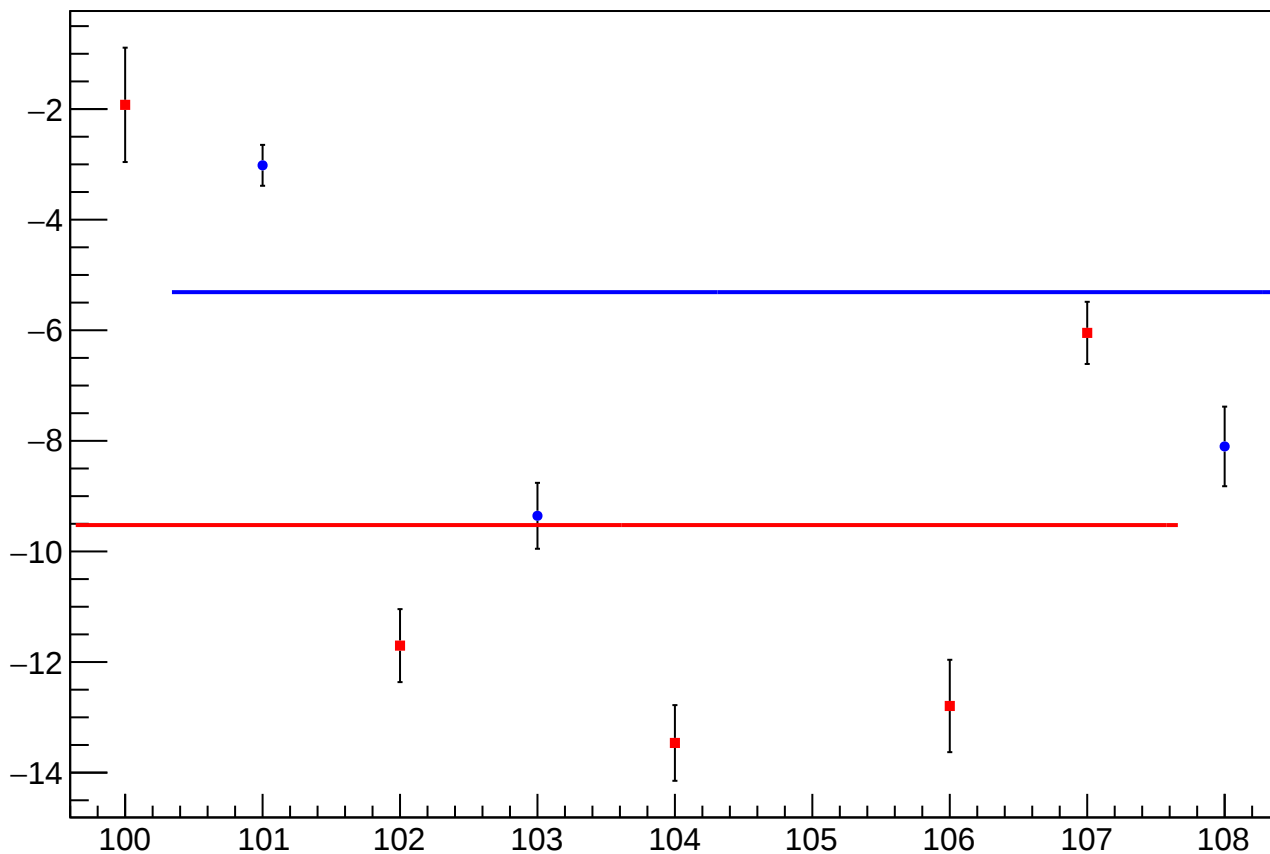
Right: -0.507 ± 0.115 χ^2/NDF : 464.4/7

In: -0.242 ± 0.162 χ^2/NDF : 117.9/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.507 ± 0.115 χ^2/NDF : 464.4/7

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.311+/-0.288 χ^2/NDF : 99.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.523+/-0.317 χ^2/NDF : 151.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

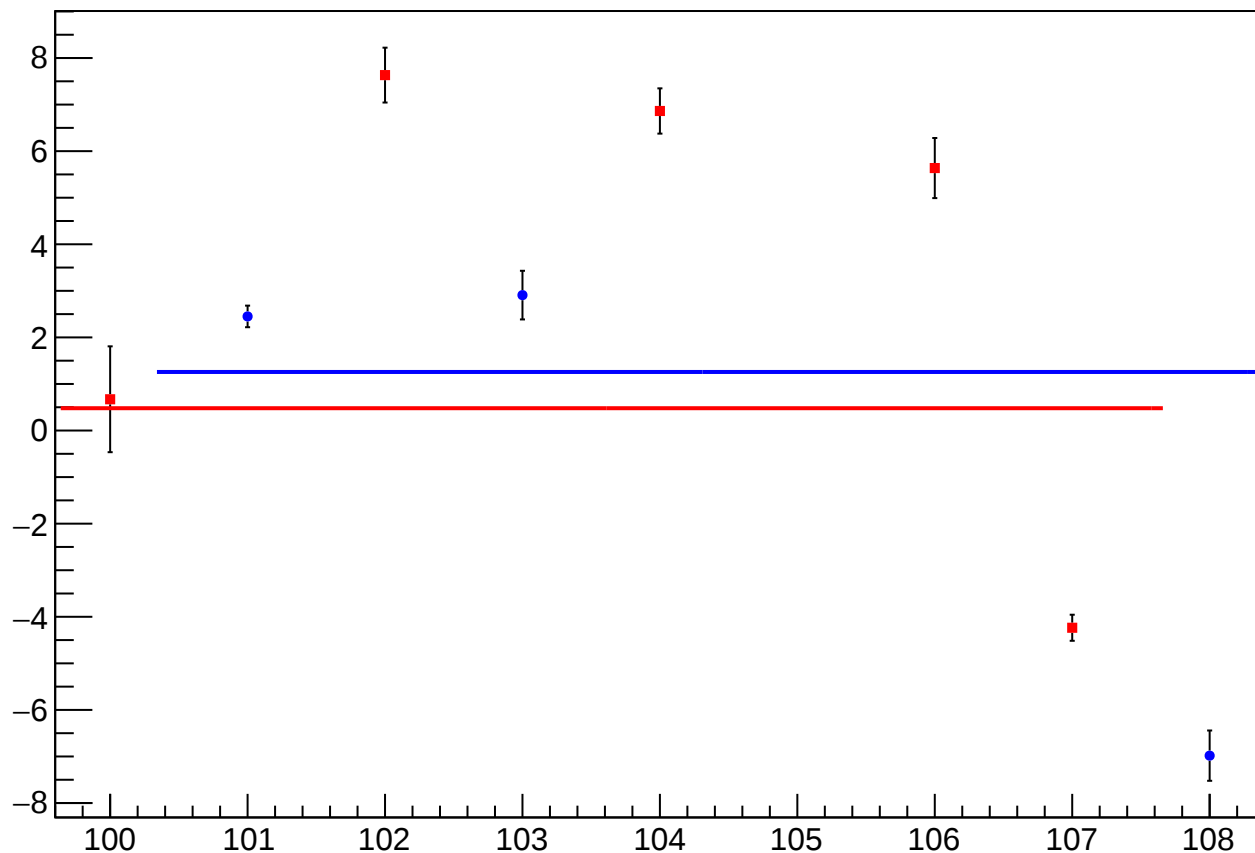
Right: -7.217+/-0.213 χ^2/NDF : 347.9/7

In: -5.311+/-0.288 χ^2/NDF : 99.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.217+/-0.213 χ^2/NDF : 347.9/7

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.258+/-0.197 χ^2/NDF : 269.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.479+/-0.208 χ^2/NDF : 667.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

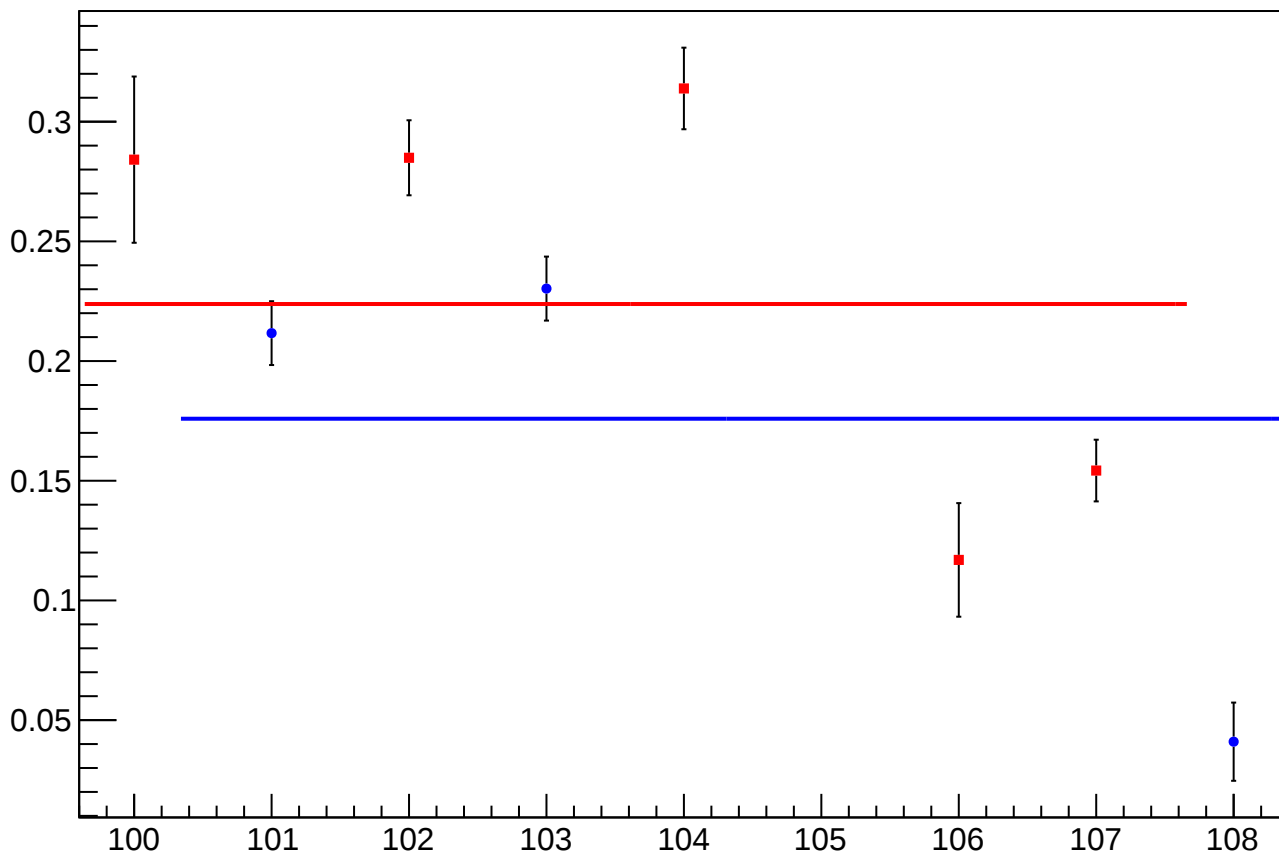
Right: 0.890+/-0.143 χ^2/NDF : 944.0/7

In: 1.258+/-0.197 χ^2/NDF : 269.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.890+/-0.143 χ^2/NDF : 944.0/7

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.176+/-0.008 χ^2/NDF : 91.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.224+/-0.008 χ^2/NDF : 95.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

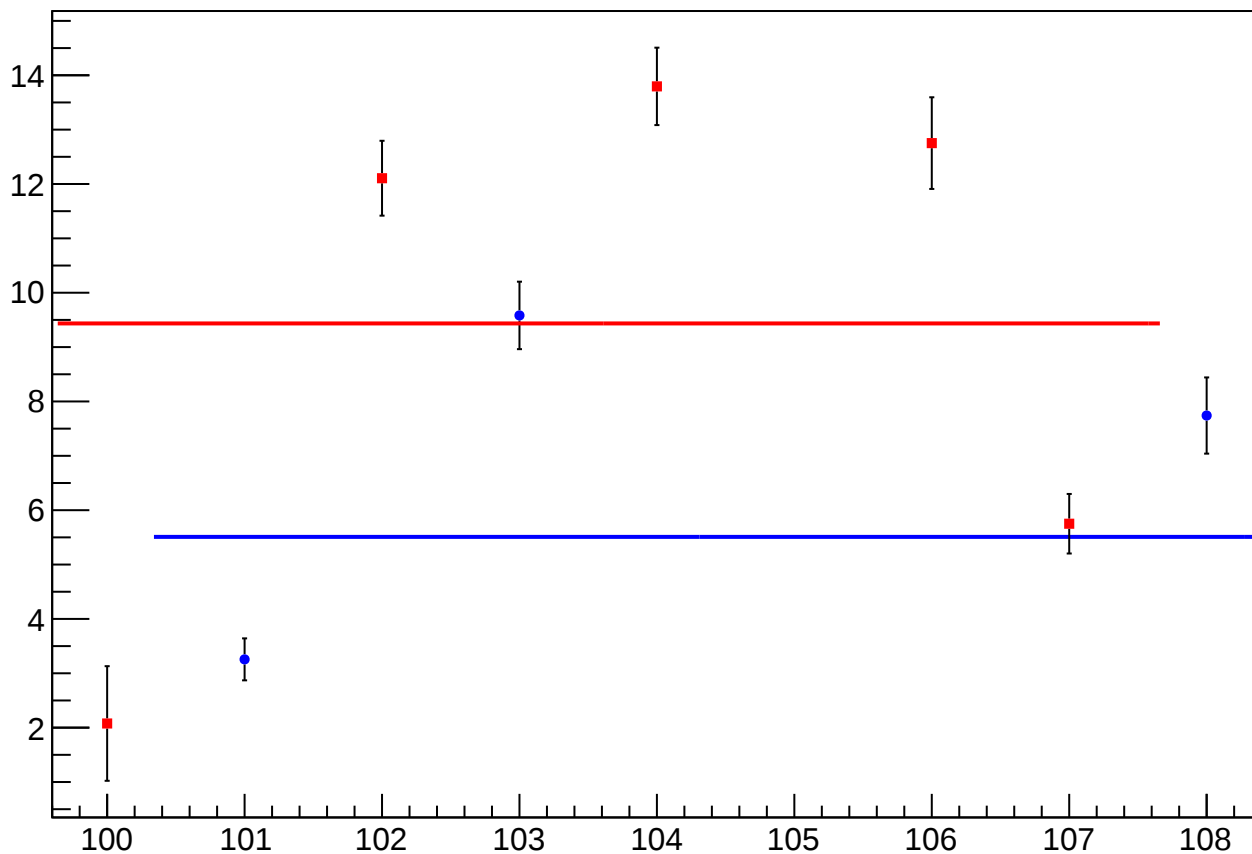
Right: 0.201+/-0.006 χ^2/NDF : 205.4/7

In: 0.176+/-0.008 χ^2/NDF : 91.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.201+/-0.006 χ^2/NDF : 205.4/7

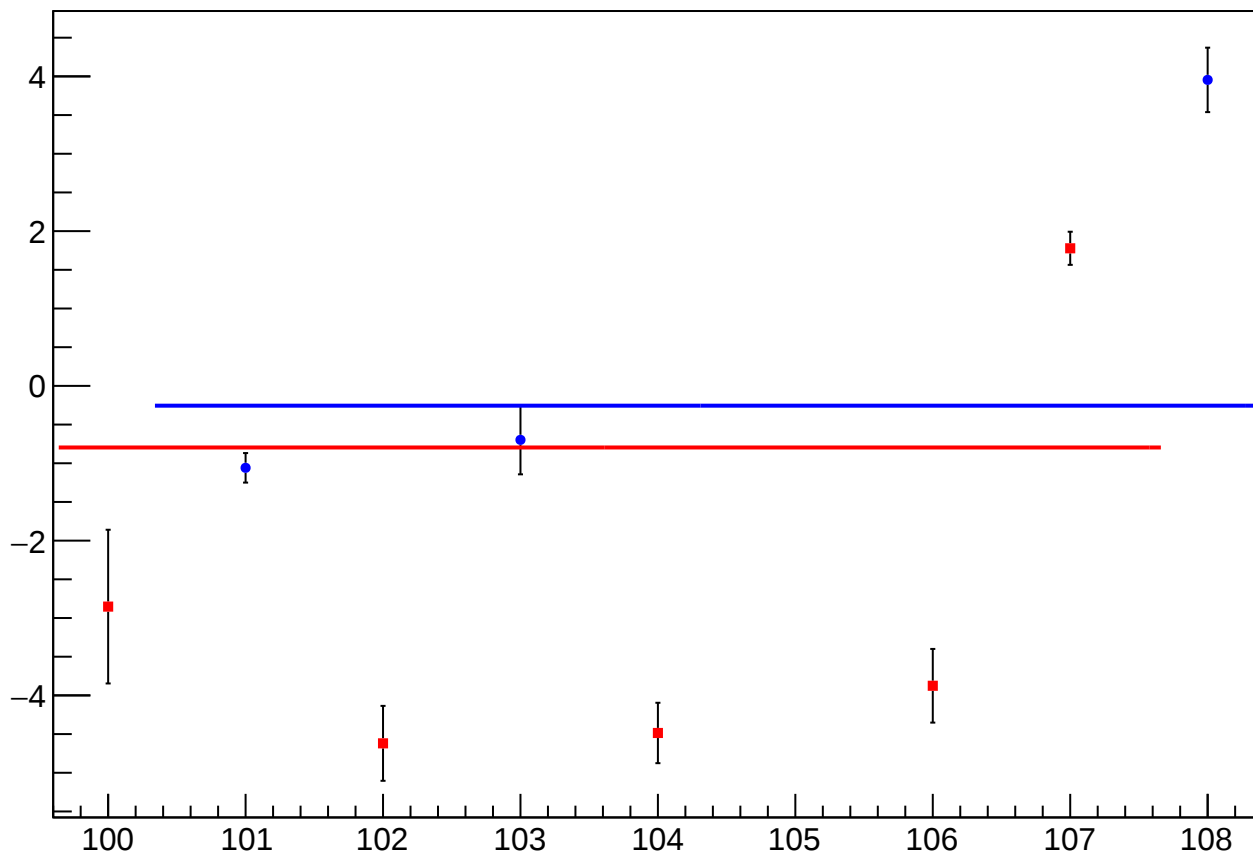
reg_asym_bcm_an_us_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 5.509+/-0.297 χ^2/NDF : 87.3/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 9.435+/-0.321 χ^2/NDF : 162.0/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 7.321+/-0.218 χ^2/NDF : 330.0/7
 In: 5.509+/-0.297 χ^2/NDF : 87.3/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 7.321+/-0.218 χ^2/NDF : 330.0/7

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.256 ± 0.162 $\chi^2/\text{NDF}: 120.9/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.796 ± 0.162 $\chi^2/\text{NDF}: 342.6/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

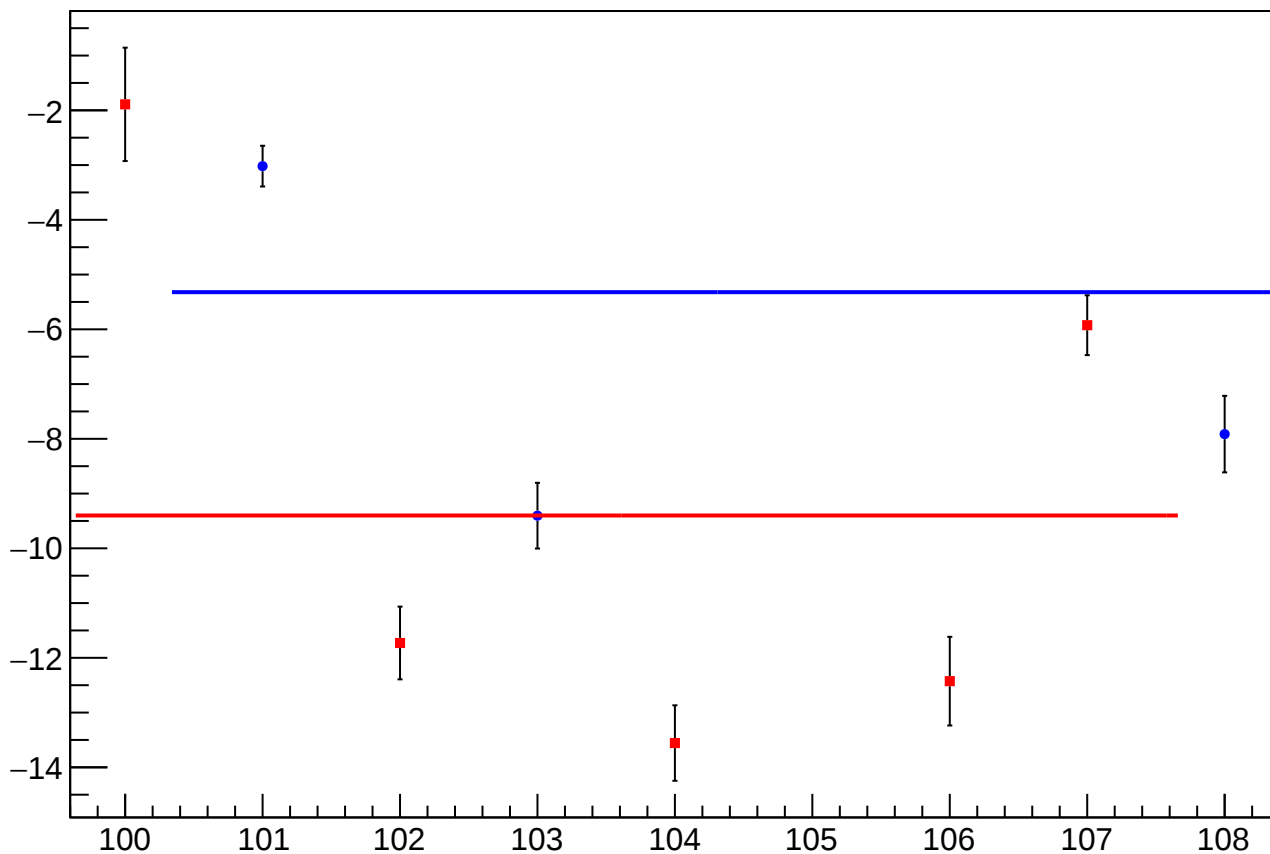
Right: -0.525 ± 0.114 $\chi^2/\text{NDF}: 469.1/7$

In: -0.256 ± 0.162 $\chi^2/\text{NDF}: 120.9/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.525 ± 0.114 $\chi^2/\text{NDF}: 469.1/7$

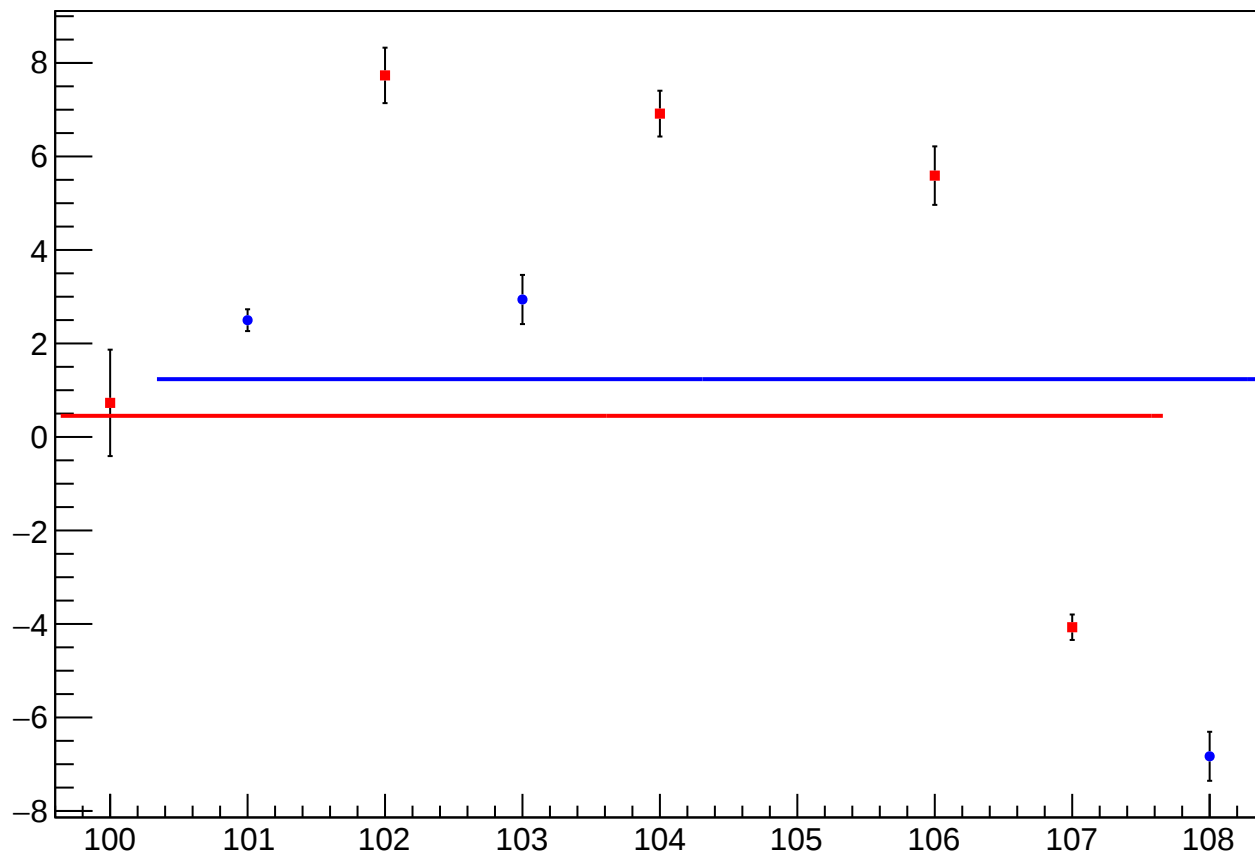
reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.321 ± 0.288 $\chi^2/\text{NDF}: 98.3/2$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -9.401 ± 0.314 $\chi^2/\text{NDF}: 155.6/4$
 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: -7.189 ± 0.212 $\chi^2/\text{NDF}: 345.7/7$
 In: -5.321 ± 0.288 $\chi^2/\text{NDF}: 98.3/2$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -7.189 ± 0.212 $\chi^2/\text{NDF}: 345.7/7$

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.236+/-0.197 χ^2/NDF : 276.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.452+/-0.205 χ^2/NDF : 668.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

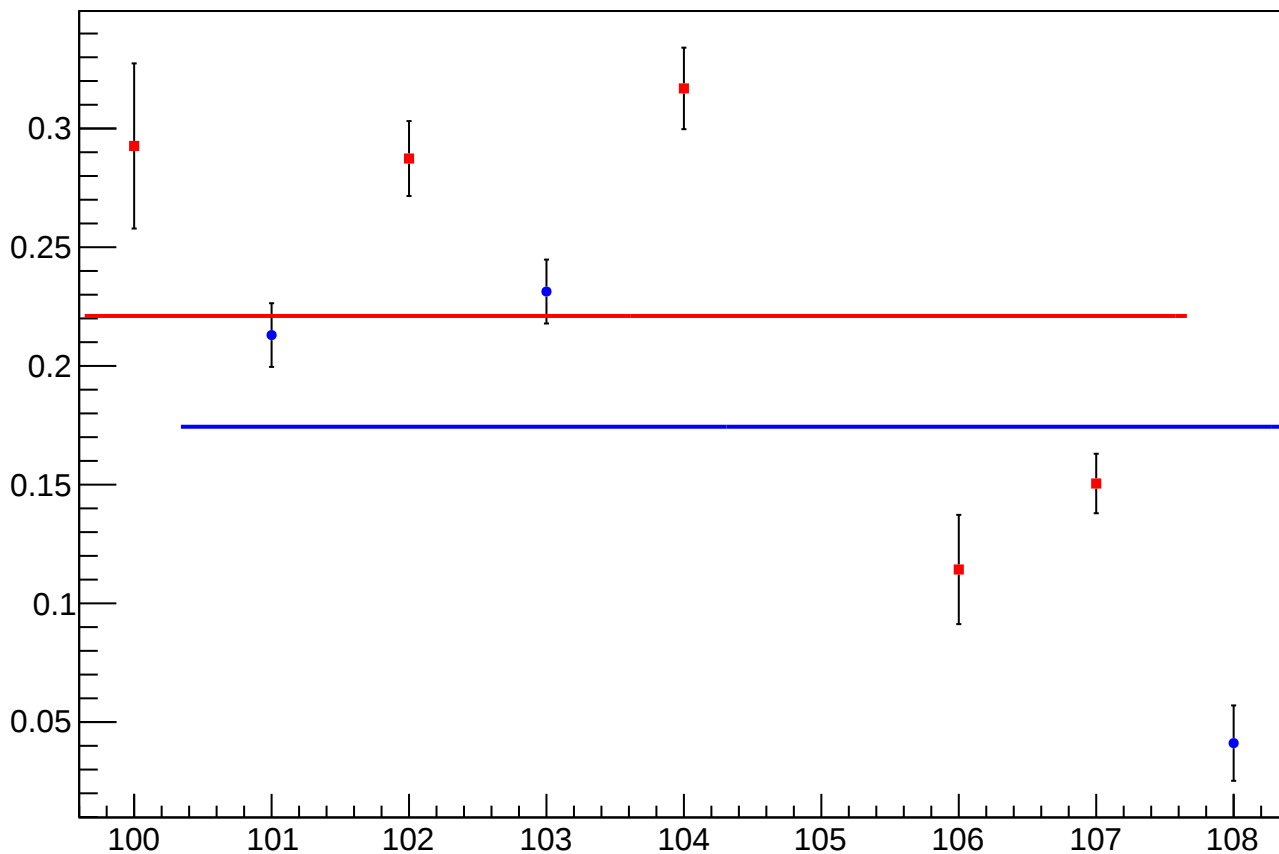
Right: 0.859+/-0.142 χ^2/NDF : 952.4/7

In: 1.236+/-0.197 χ^2/NDF : 276.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.859+/-0.142 χ^2/NDF : 952.4/7

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.174+/-0.008 χ^2/NDF : 96.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.221+/-0.008 χ^2/NDF : 106.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

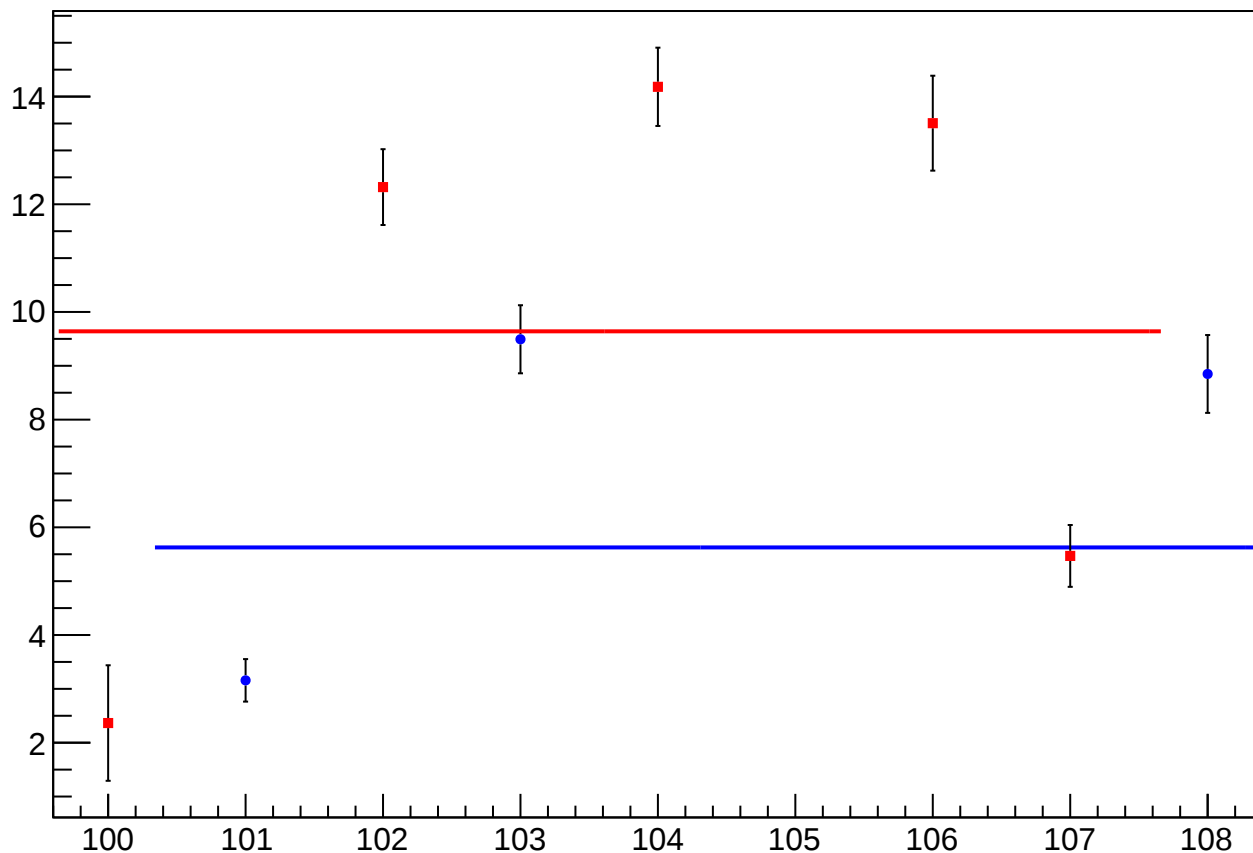
Right: 0.199+/-0.006 χ^2/NDF : 220.2/7

In: 0.174+/-0.008 χ^2/NDF : 96.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.199+/-0.006 χ^2/NDF : 220.2/7

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 5.627+/-0.304 χ^2/NDF : 96.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.640+/-0.332 χ^2/NDF : 171.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

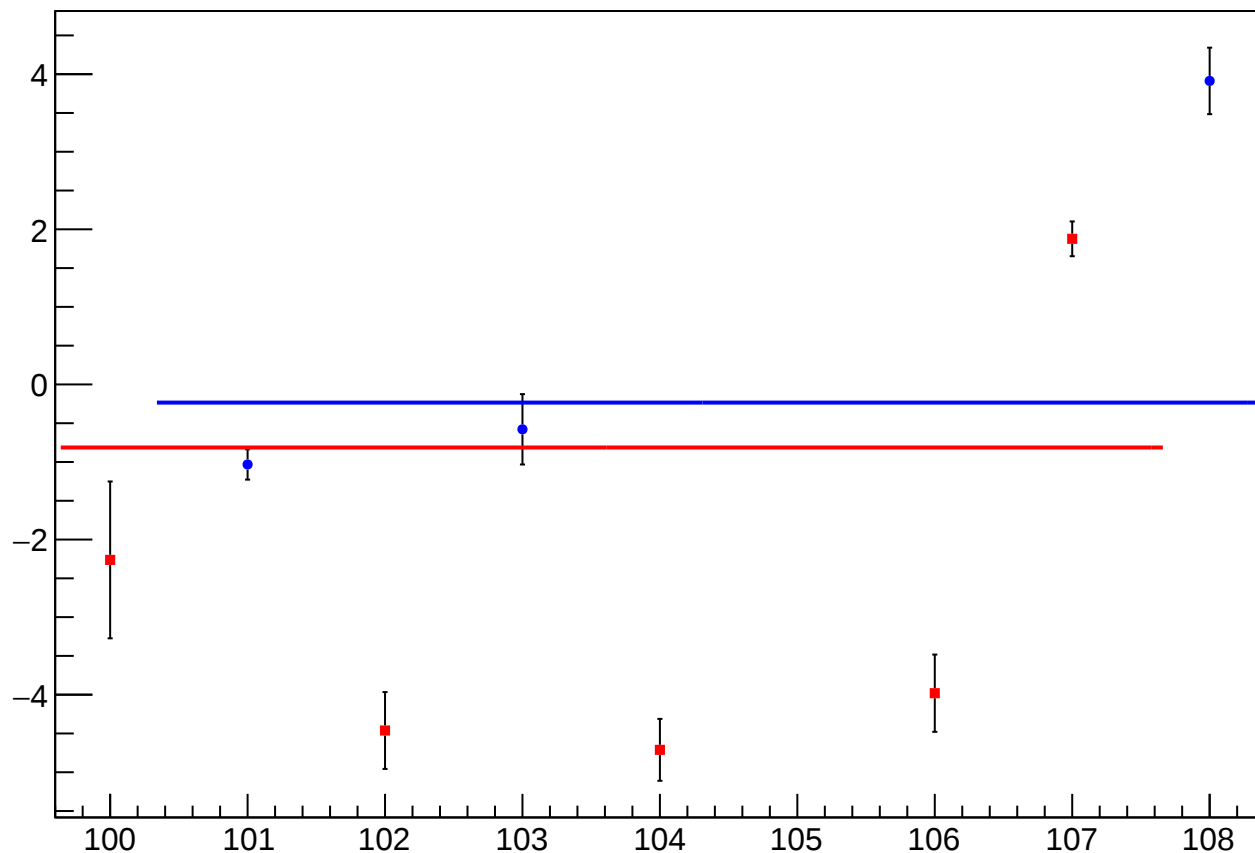
Right: 7.459+/-0.224 χ^2/NDF : 347.5/7

In: 5.627+/-0.304 χ^2/NDF : 96.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.459+/-0.224 χ^2/NDF : 347.5/7

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.234+/-0.166 χ^2/NDF : 110.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.813+/-0.168 χ^2/NDF : 336.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

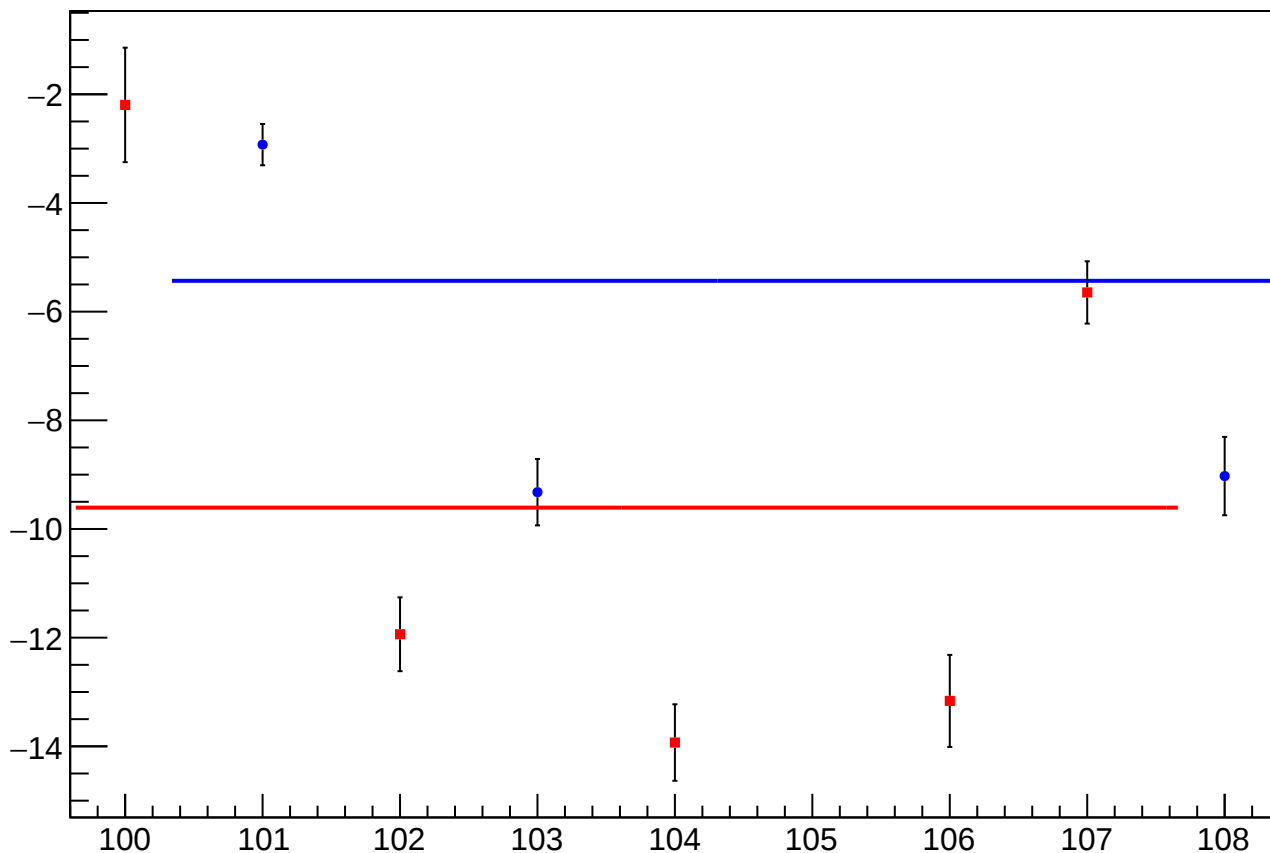
Right: -0.518+/-0.118 χ^2/NDF : 453.1/7

In: -0.234+/-0.166 χ^2/NDF : 110.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.518+/-0.118 χ^2/NDF : 453.1/7

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.433+/-0.295 χ^2/NDF : 108.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.607+/-0.324 χ^2/NDF : 164.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

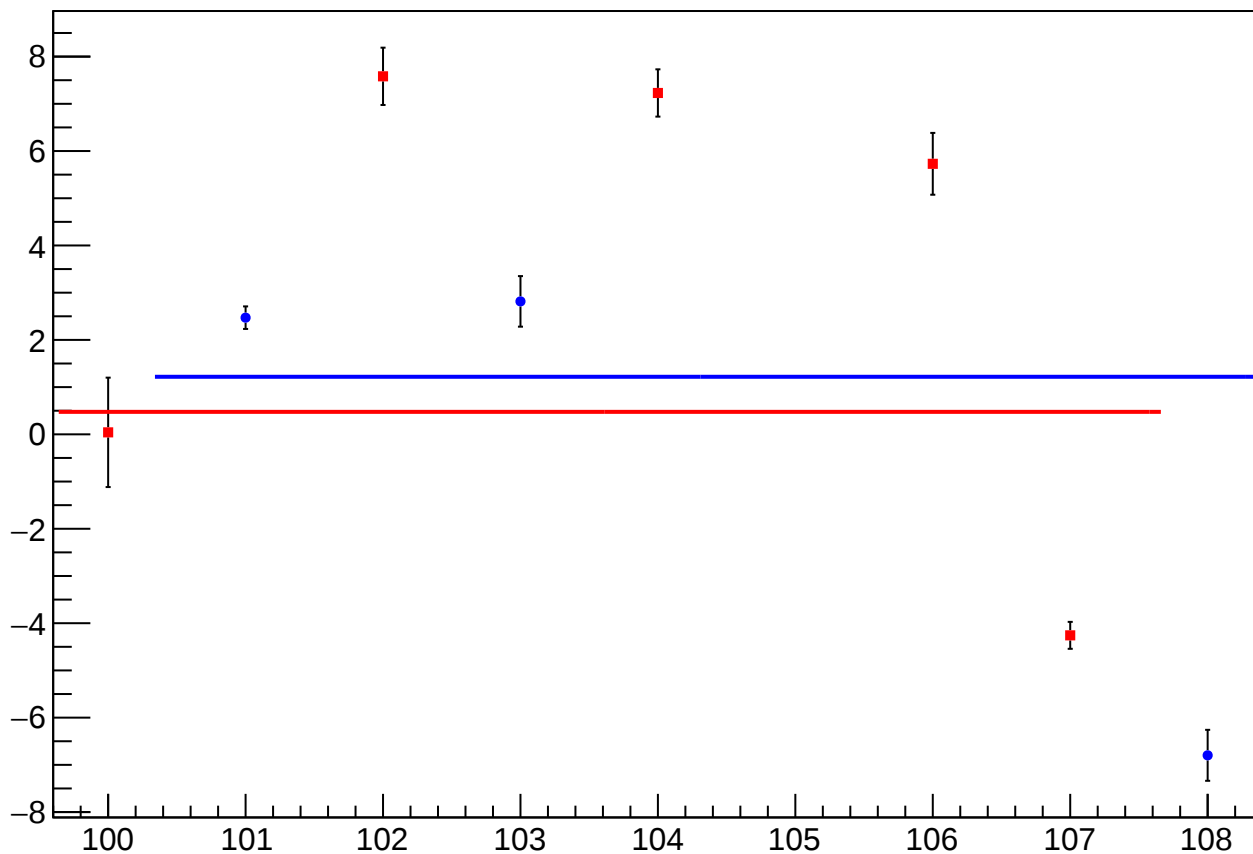
Right: -7.323+/-0.218 χ^2/NDF : 363.9/7

In: -5.433+/-0.295 χ^2/NDF : 108.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.323+/-0.218 χ^2/NDF : 363.9/7

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.219+/-0.202 χ^2/NDF : 257.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.476+/-0.213 χ^2/NDF : 658.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

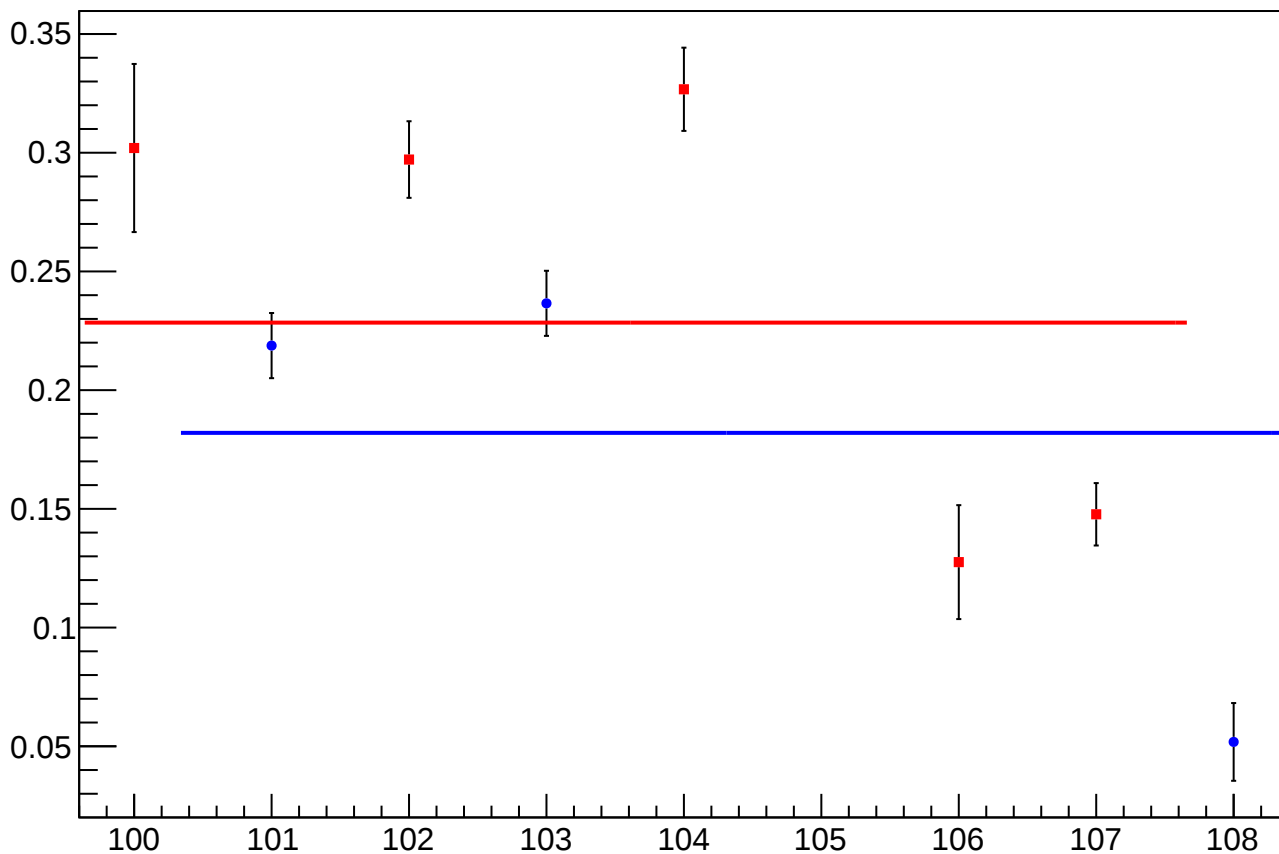
Right: 0.867+/-0.147 χ^2/NDF : 922.3/7

In: 1.219+/-0.202 χ^2/NDF : 257.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.867+/-0.147 χ^2/NDF : 922.3/7

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.182+/-0.008 χ^2/NDF : 86.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.228+/-0.008 χ^2/NDF : 109.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

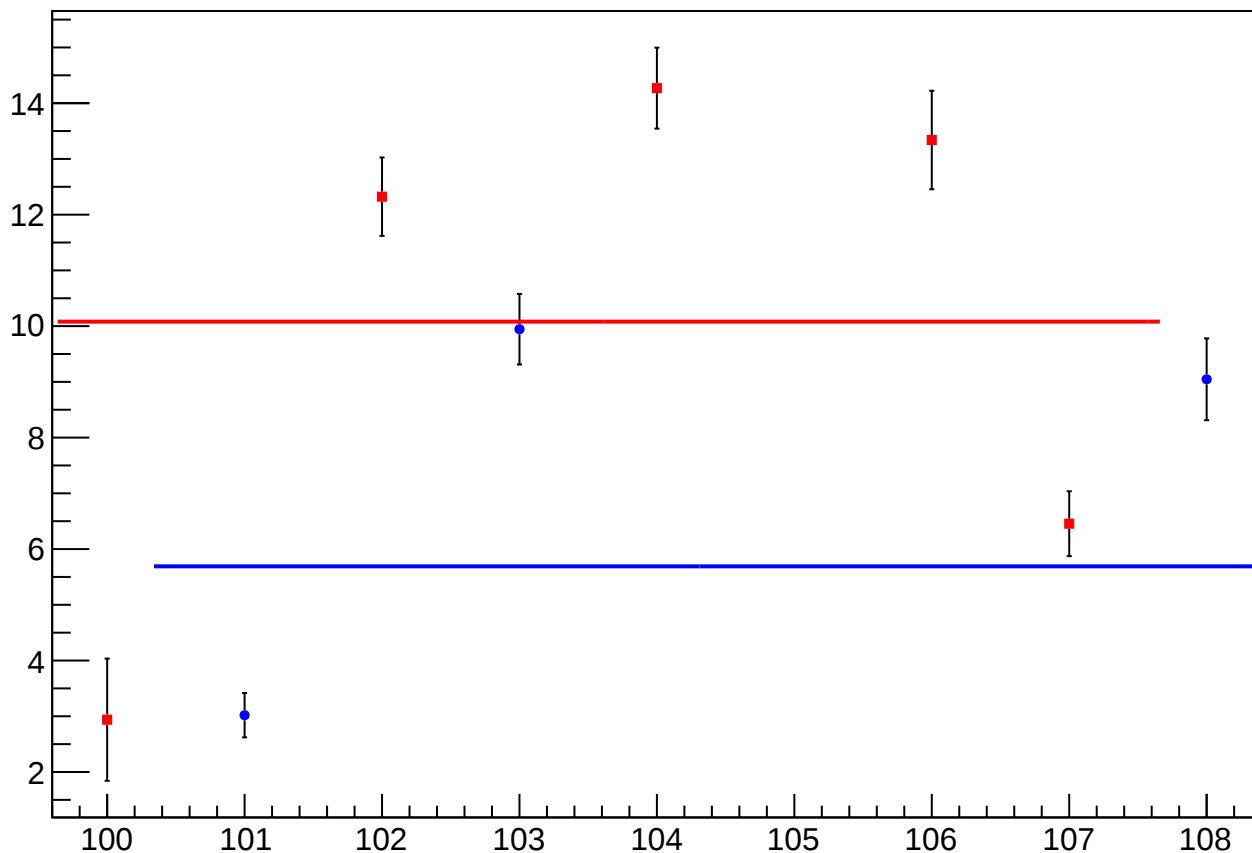
Right: 0.206+/-0.006 χ^2/NDF : 211.5/7

In: 0.182+/-0.008 χ^2/NDF : 86.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.206+/-0.006 χ^2/NDF : 211.5/7

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 5.690+/-0.306 χ^2/NDF : 111.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.081+/-0.334 χ^2/NDF : 138.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

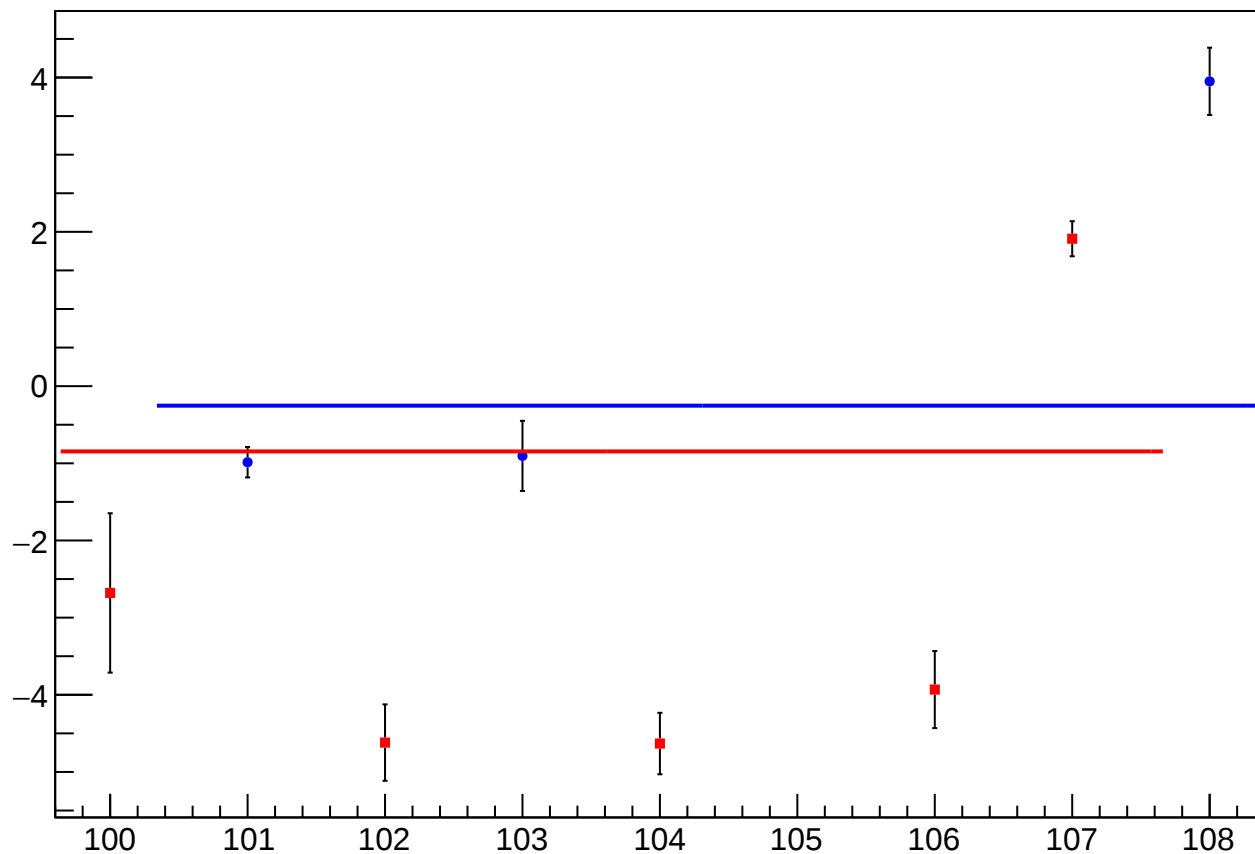
Right: 7.697+/-0.226 χ^2/NDF : 343.3/7

In: 5.690+/-0.306 χ^2/NDF : 111.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.697+/-0.226 χ^2/NDF : 343.3/7

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.253 ± 0.167 χ^2/NDF : 108.7/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.846 ± 0.170 χ^2/NDF : 336.8/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

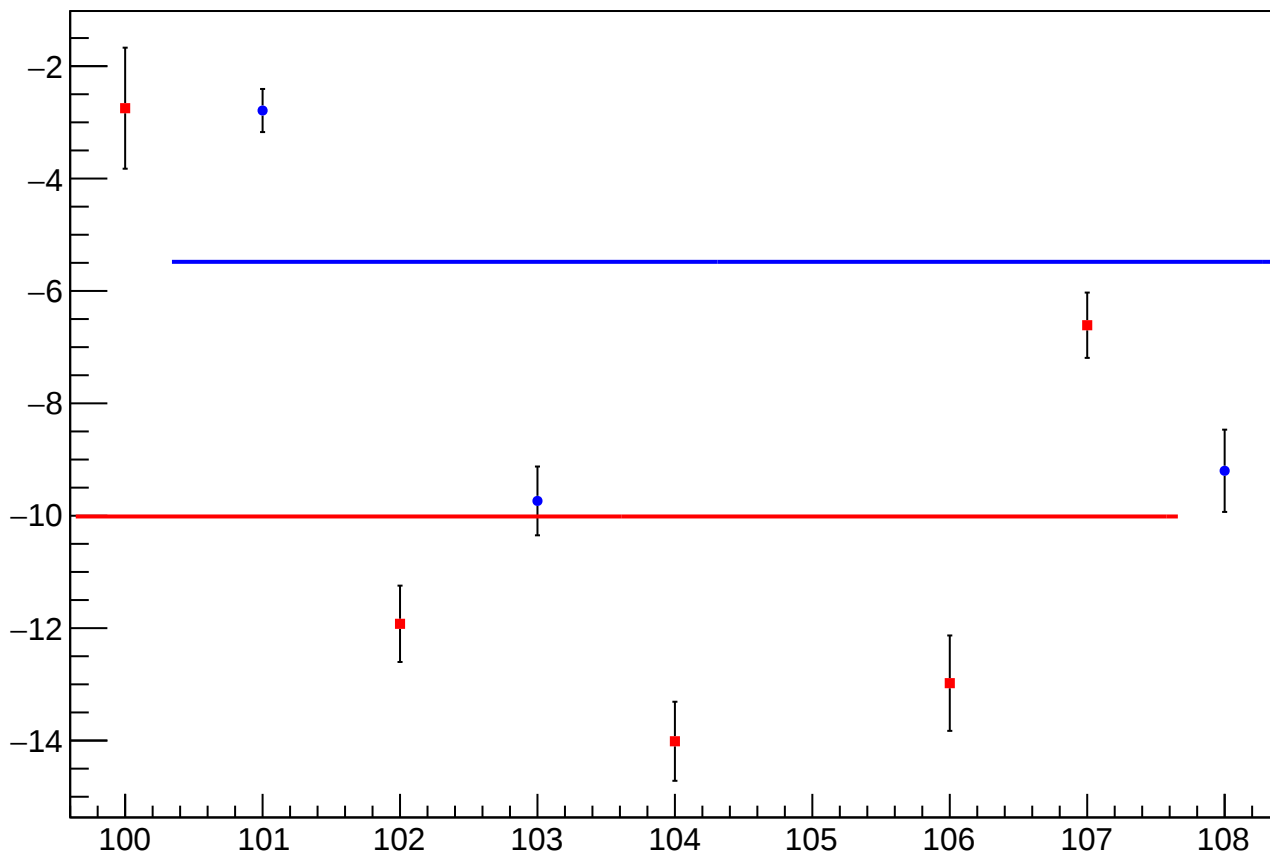
Right: -0.544 ± 0.119 χ^2/NDF : 451.6/7

In: -0.253 ± 0.167 χ^2/NDF : 108.7/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.544 ± 0.119 χ^2/NDF : 451.6/7

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.482+/-0.297 χ^2 /NDF: 123.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -10.013+/-0.326 χ^2 /NDF: 132.3/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

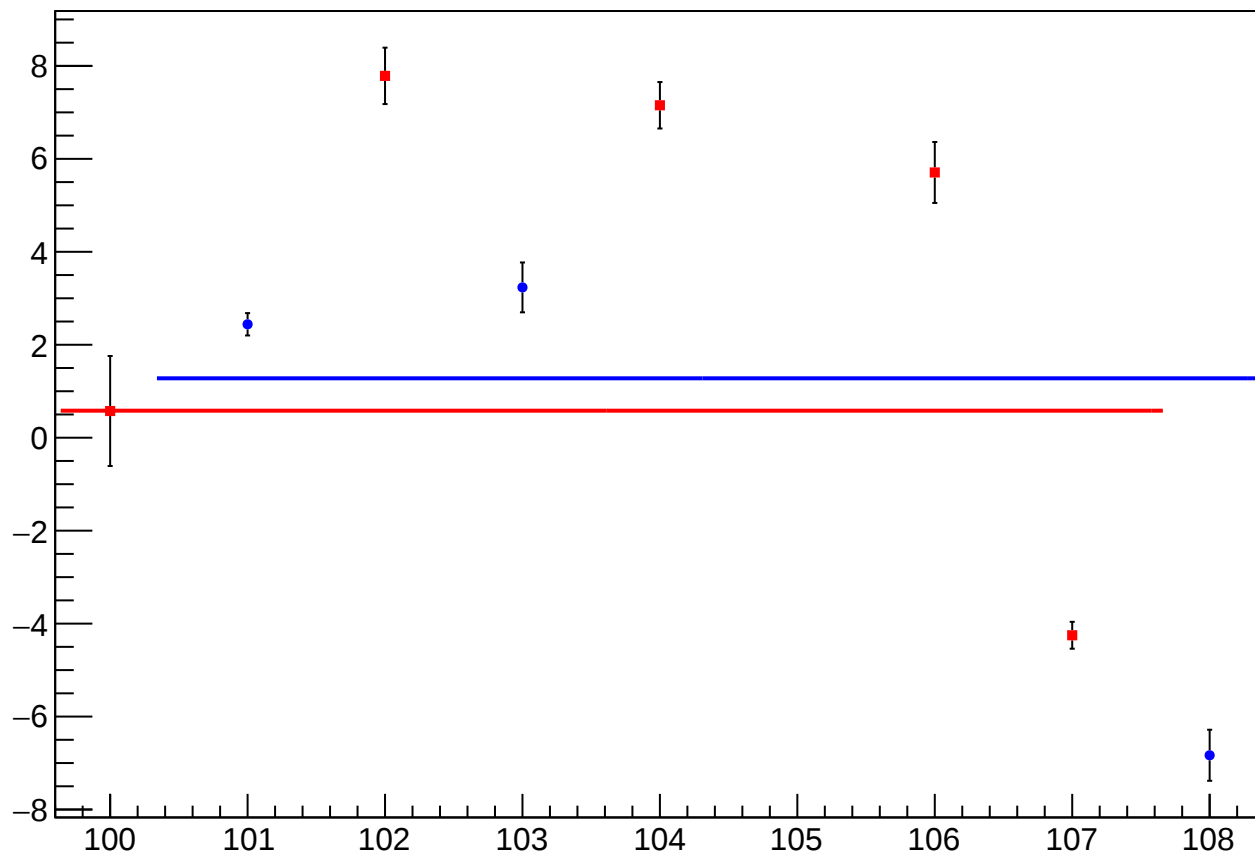
Right: -7.537+/-0.220 χ^2 /NDF: 361.1/7

In: -5.482+/-0.297 χ^2 /NDF:123.4/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -7.537+/-0.220 χ^2 /NDF: 361.1/7

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.278 ± 0.204 $\chi^2/\text{NDF}: 254.6/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.582 ± 0.215 $\chi^2/\text{NDF}: 654.0/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

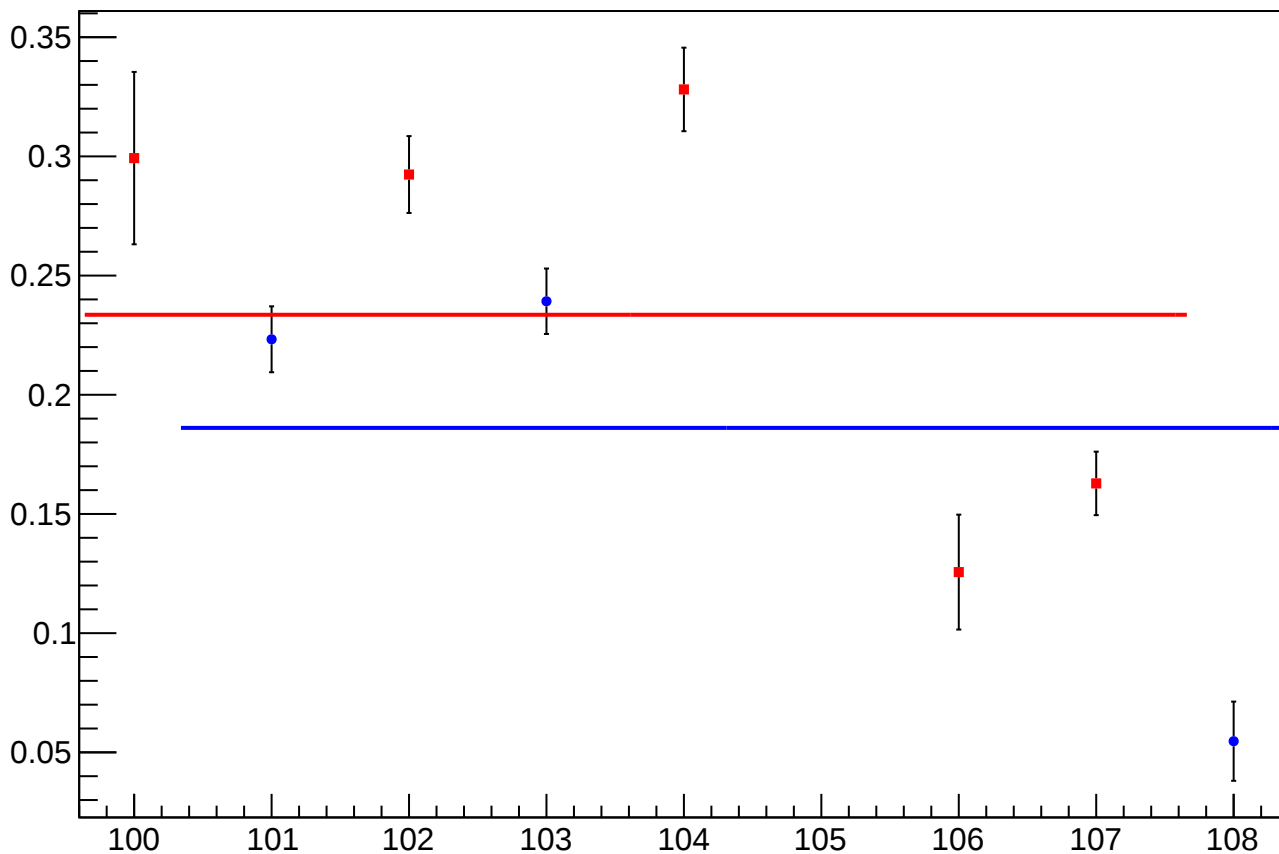
Right: 0.948 ± 0.148 $\chi^2/\text{NDF}: 914.2/7$

In: 1.278 ± 0.204 $\chi^2/\text{NDF}: 254.6/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.948 ± 0.148 $\chi^2/\text{NDF}: 914.2/7$

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.186+/-0.008 χ^2/NDF : 84.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.234+/-0.008 χ^2/NDF : 94.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.211+/-0.006 χ^2/NDF : 195.4/7

In: 0.186+/-0.008 χ^2/NDF : 84.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.211+/-0.006 χ^2/NDF : 195.4/7