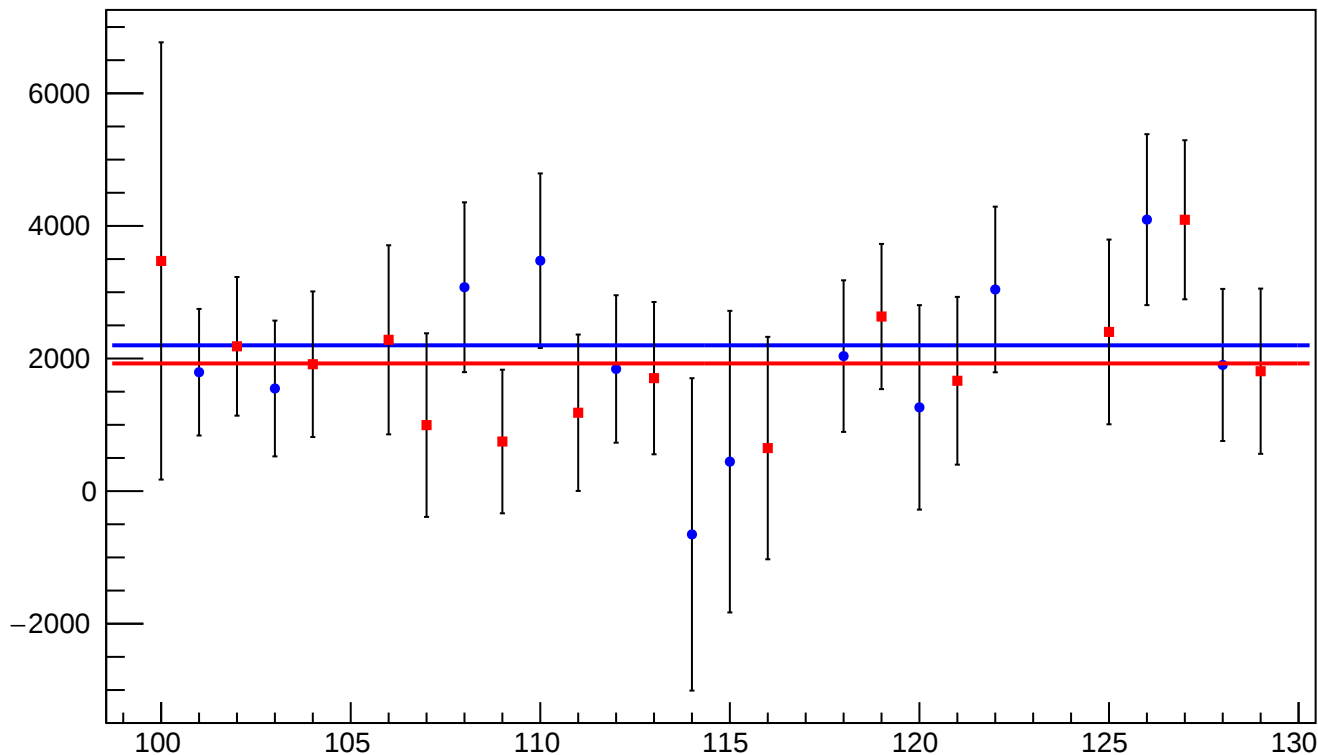


reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2199.228+/-362.542 χ^2/NDF : 7.2/11

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

Right Out: 1925.871+/-336.234 χ^2/NDF : 6.8/13

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

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 2052.273+/-246.530

χ^2/NDF : 14.4/25

In: 2199.228+/-362.542

χ^2/NDF : 7.2/11

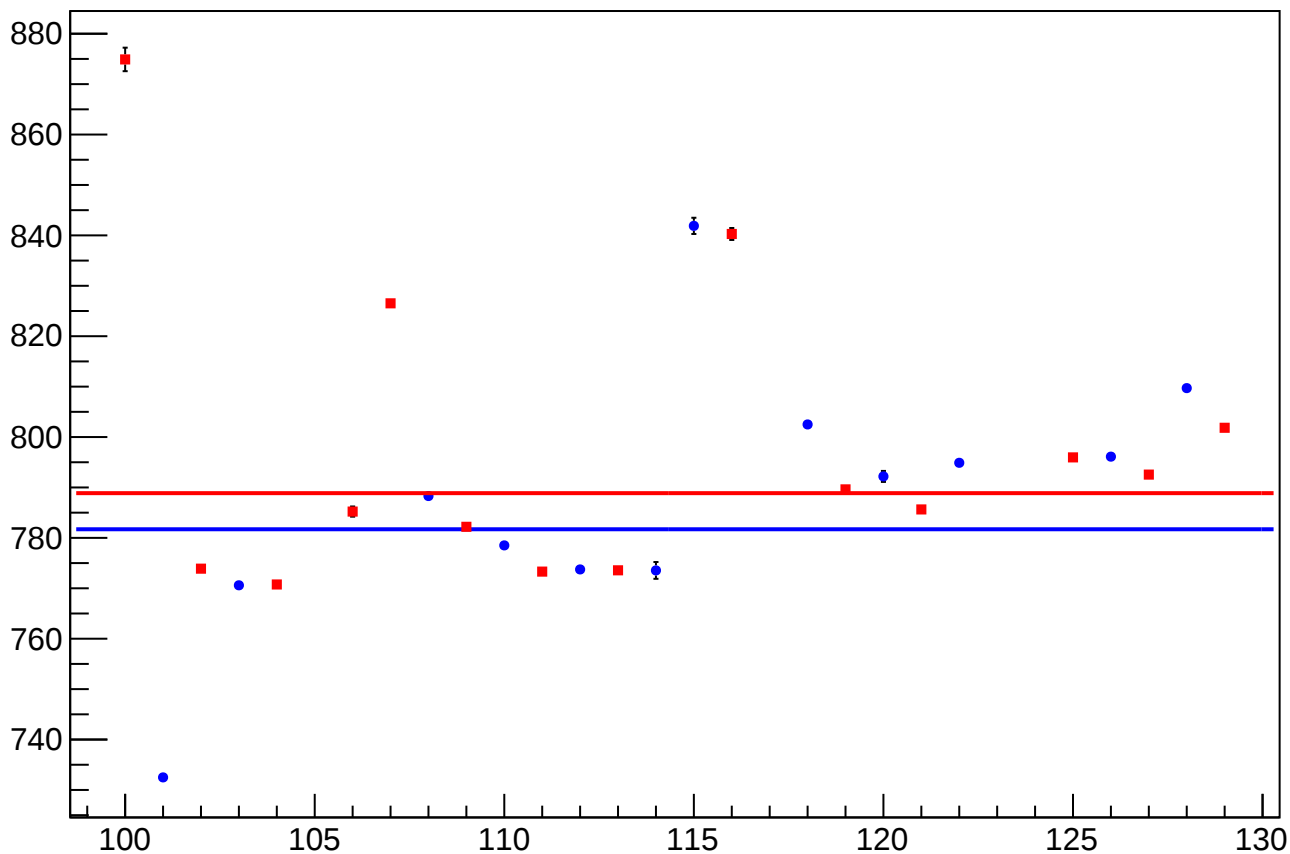
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 2052.273+/-246.530

χ^2/NDF : 14.4/25

reg_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 781.708+/-0.256 χ^2/NDF : 9562.0/11

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

Right Out: 788.871+/-0.238 χ^2/NDF : 6765.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

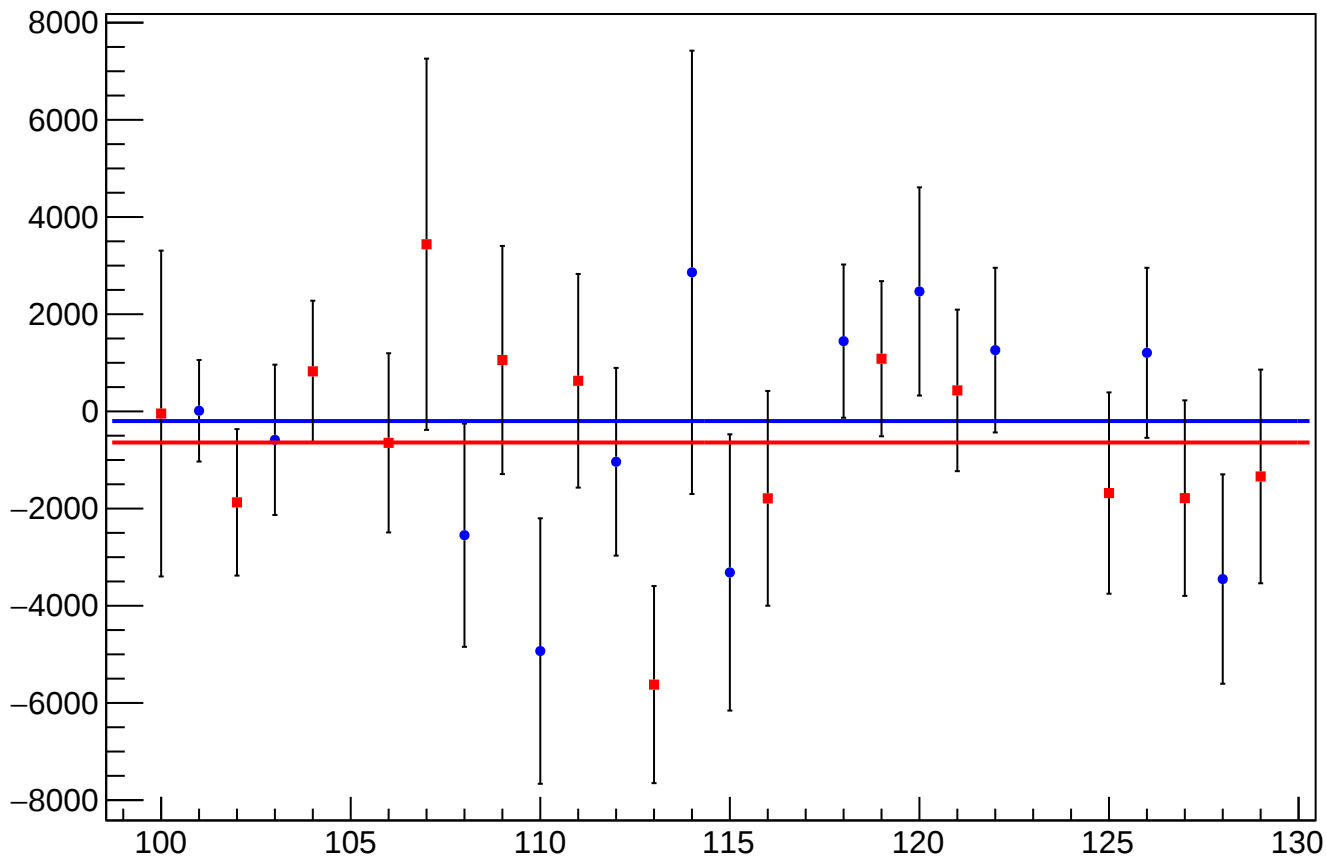
Right: 785.559+/-0.174 χ^2/NDF : 16747.6/25

In: 781.708+/-0.256 χ^2/NDF : 9562.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 785.559+/-0.174 χ^2/NDF : 16747.6/25

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -198.842+/-526.543 χ^2/NDF : 12.3/11

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

Right Out: -640.091+/-523.956 χ^2/NDF : 12.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

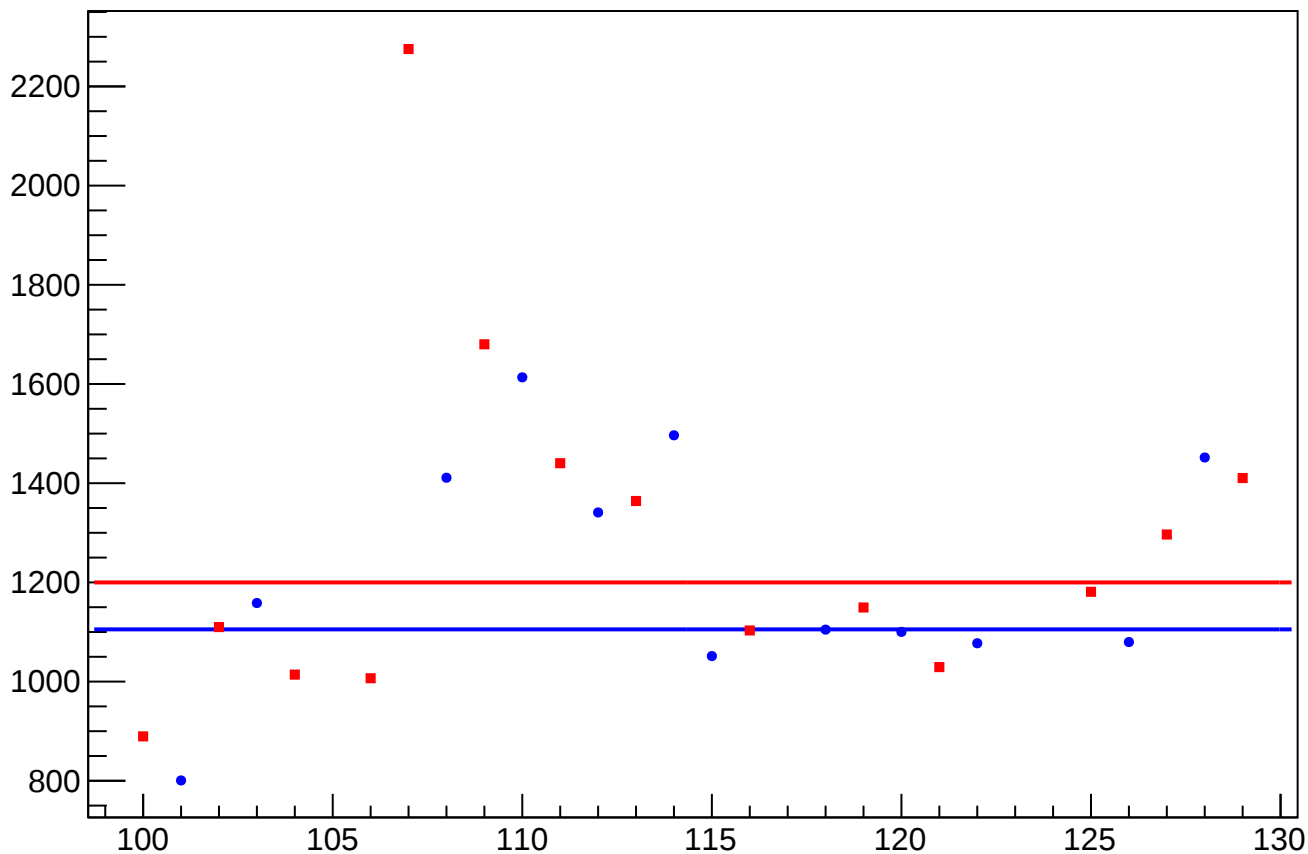
Right: -420.553+/-371.404 χ^2/NDF : 24.9/25

In: -198.842+/-526.543 χ^2/NDF : 12.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -420.553+/-371.404 χ^2/NDF : 24.9/25

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1105.278+/-0.372 χ^2/NDF : 374745.4/11

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

Right Out: 1199.949+/-0.370 χ^2/NDF : 408152.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

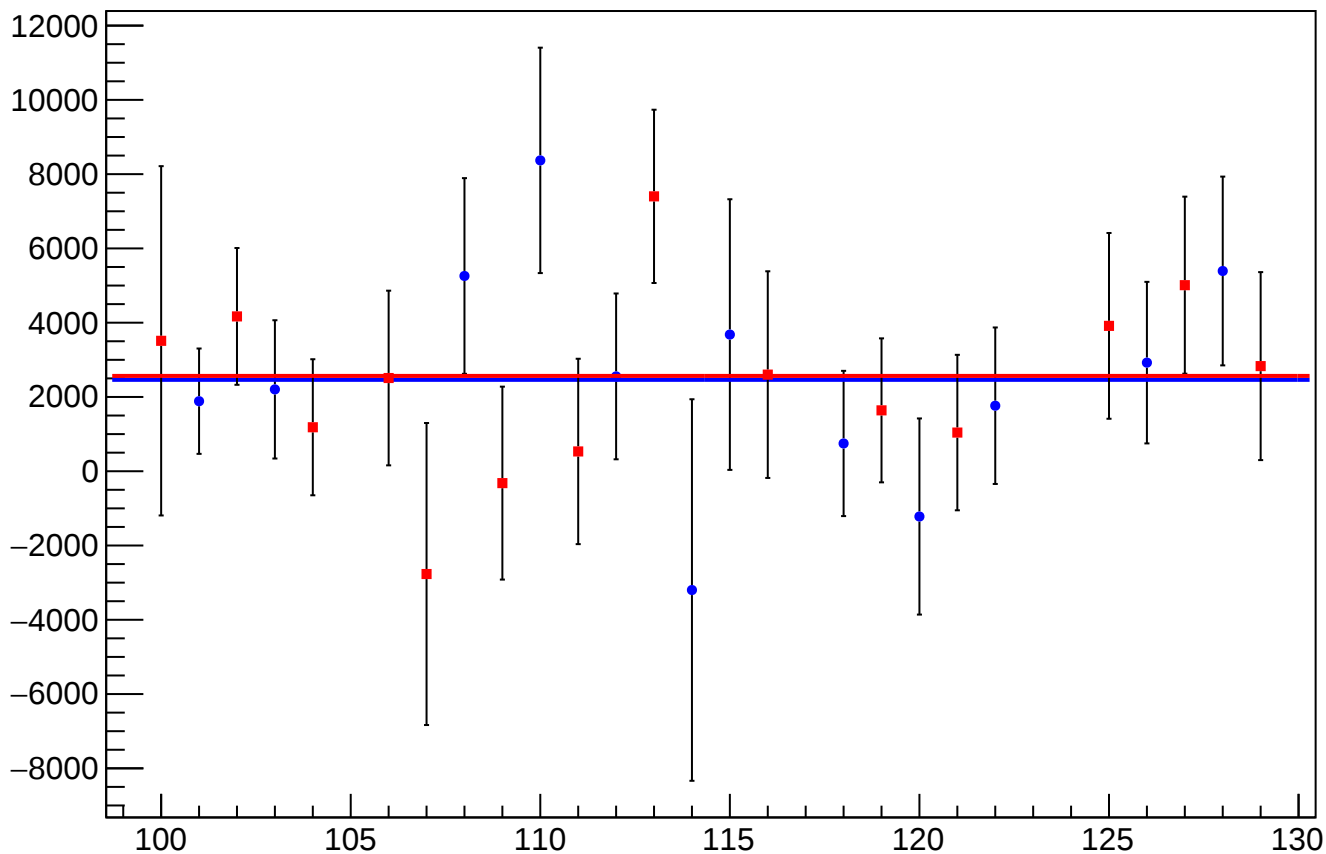
Right: 1152.847+/-0.263 χ^2/NDF : 815384.8/25

In: 1105.278+/-0.372 χ^2/NDF : 374745.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1152.847+/-0.263 χ^2/NDF : 815384.8/25

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2460.943+/-652.553 χ^2/NDF : 10.6/11

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

Right Out: 2567.069+/-634.095 χ^2/NDF : 11.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

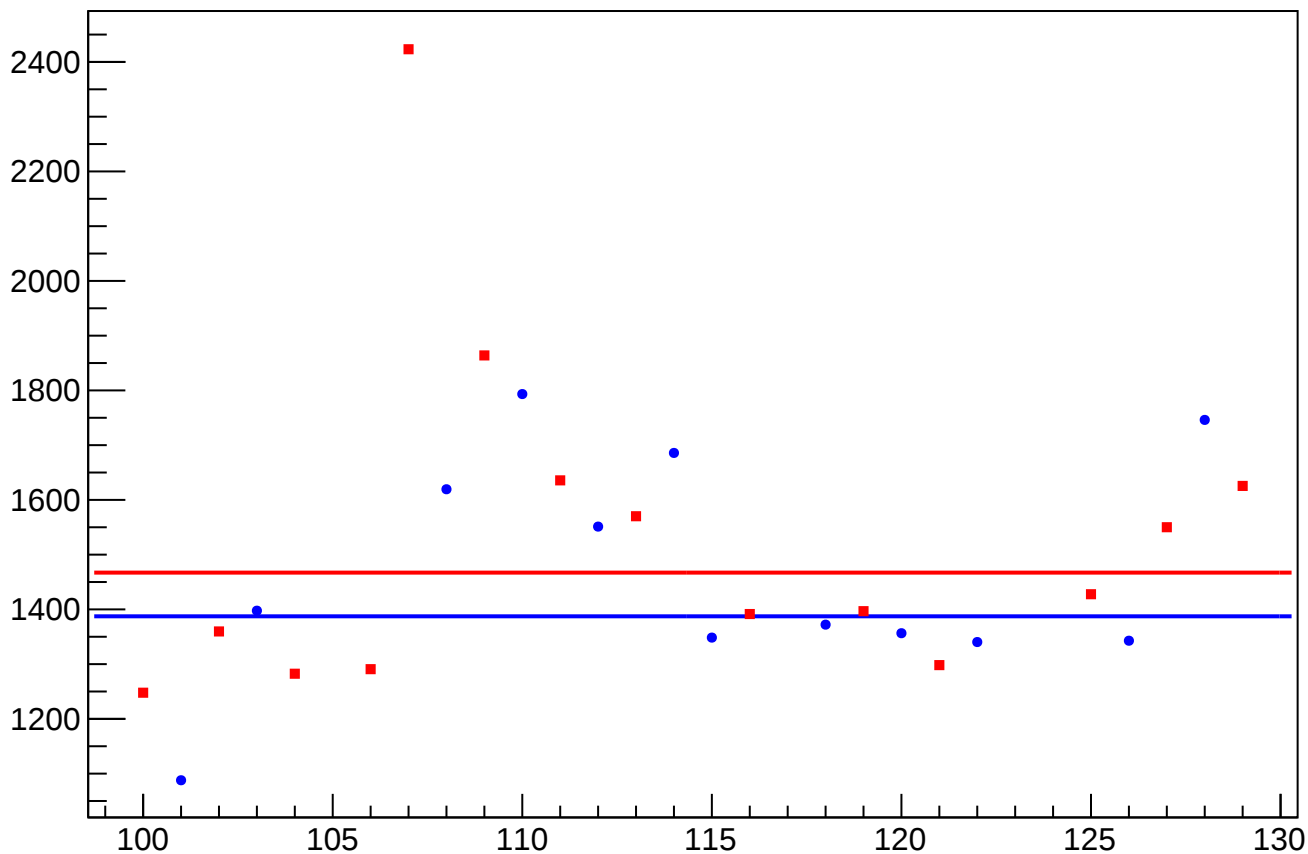
Right: 2515.528+/-454.758 χ^2/NDF : 22.0/25

In: 2460.943+/-652.553 χ^2/NDF : 10.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2515.528+/-454.758 χ^2/NDF : 22.0/25

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1387.350+/-0.461 χ^2/NDF : 200364.3/11

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

Right Out: 1467.170+/-0.448 χ^2/NDF : 240845.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

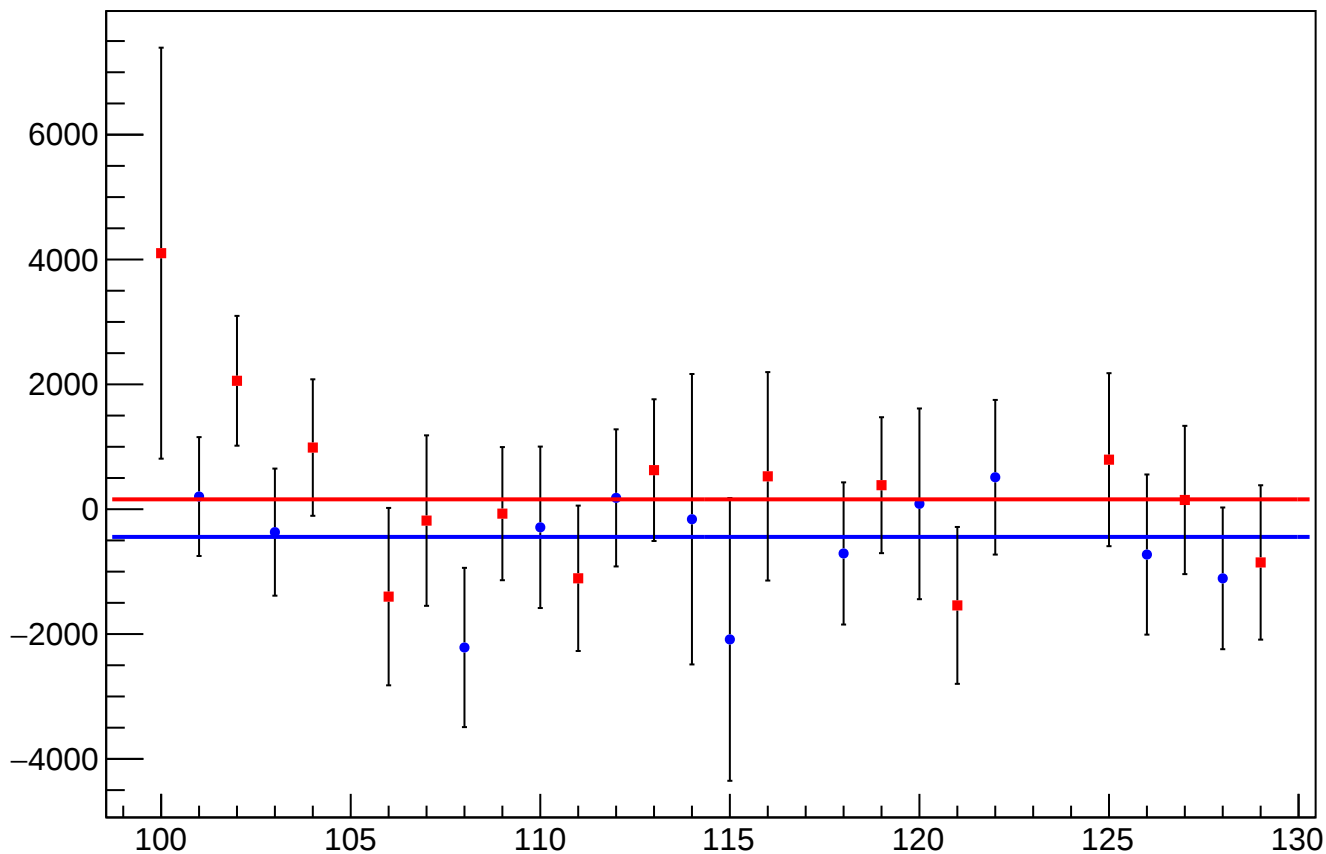
Right: 1428.405+/-0.322 χ^2/NDF : 456601.5/25

In: 1387.350+/-0.461 χ^2/NDF : 200364.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1428.405+/-0.322 χ^2/NDF : 456601.5/25

reg_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -443.811+/-359.816 χ^2/NDF : 4.4/11

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

Right Out: 157.975+/-333.382 χ^2/NDF : 10.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

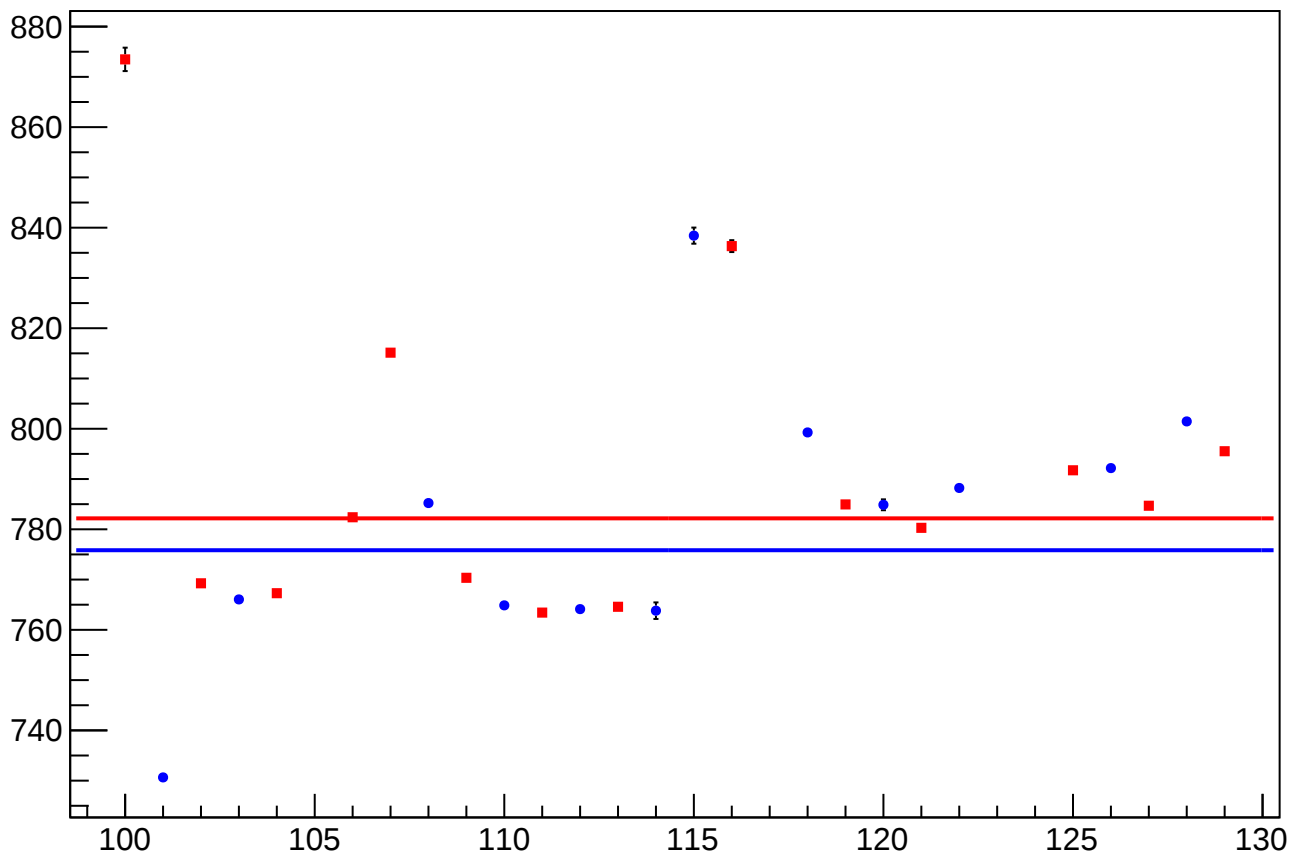
Right: -120.004+/-244.548 χ^2/NDF : 16.7/25

In: -443.811+/-359.816 χ^2/NDF : 4.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -120.004+/-244.548 χ^2/NDF : 16.7/25

reg_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 775.838+/-0.254 χ^2/NDF : 9210.3/11

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

Right Out: 782.176+/-0.236 χ^2/NDF : 7086.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

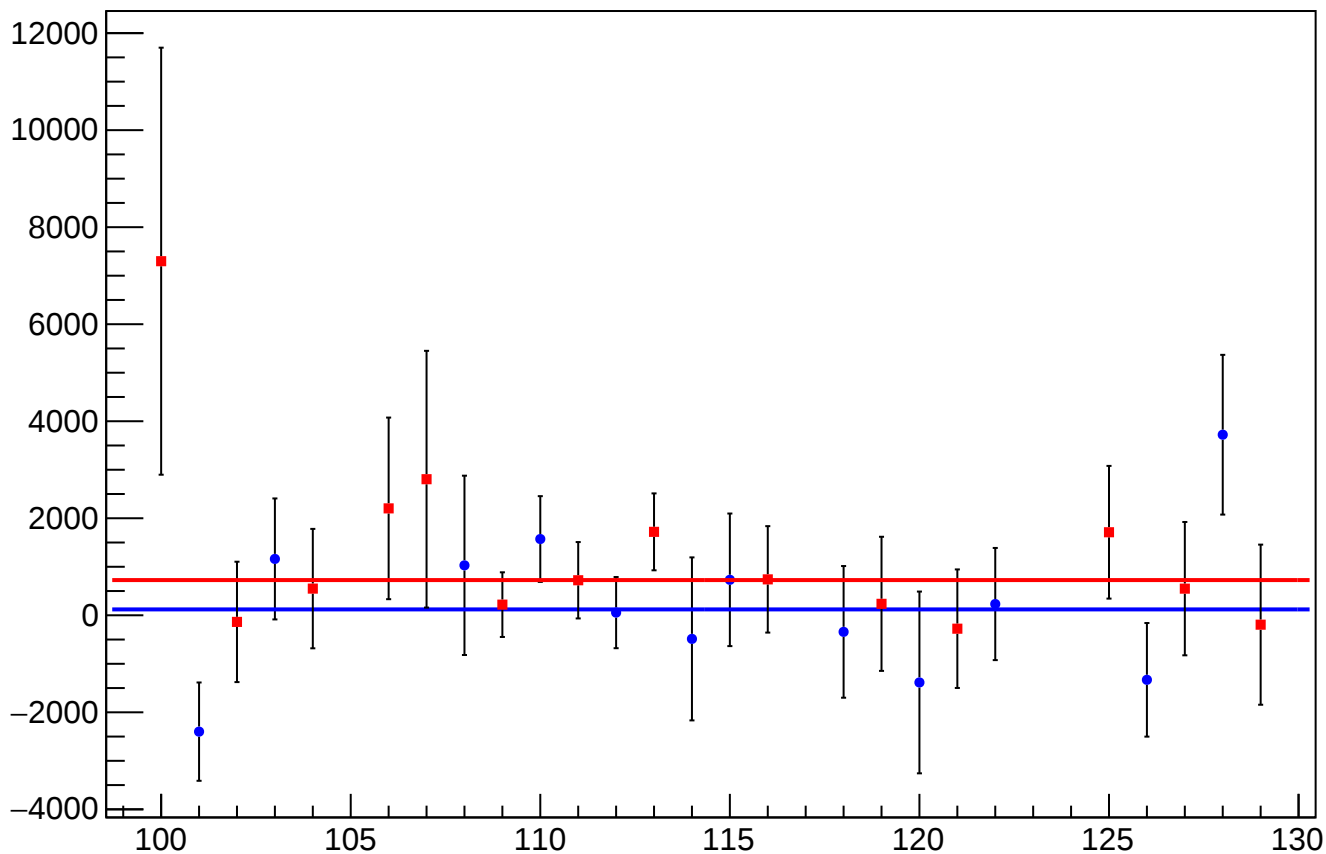
Right: 779.248+/-0.173 χ^2/NDF : 16630.5/25

In: 775.838+/-0.254 χ^2/NDF : 9210.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 779.248+/-0.173 χ^2/NDF : 16630.5/25

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: 121.147+/-340.734 χ^2/NDF : 17.2/11

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

Right Out: 725.642+/-305.679 χ^2/NDF : 7.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

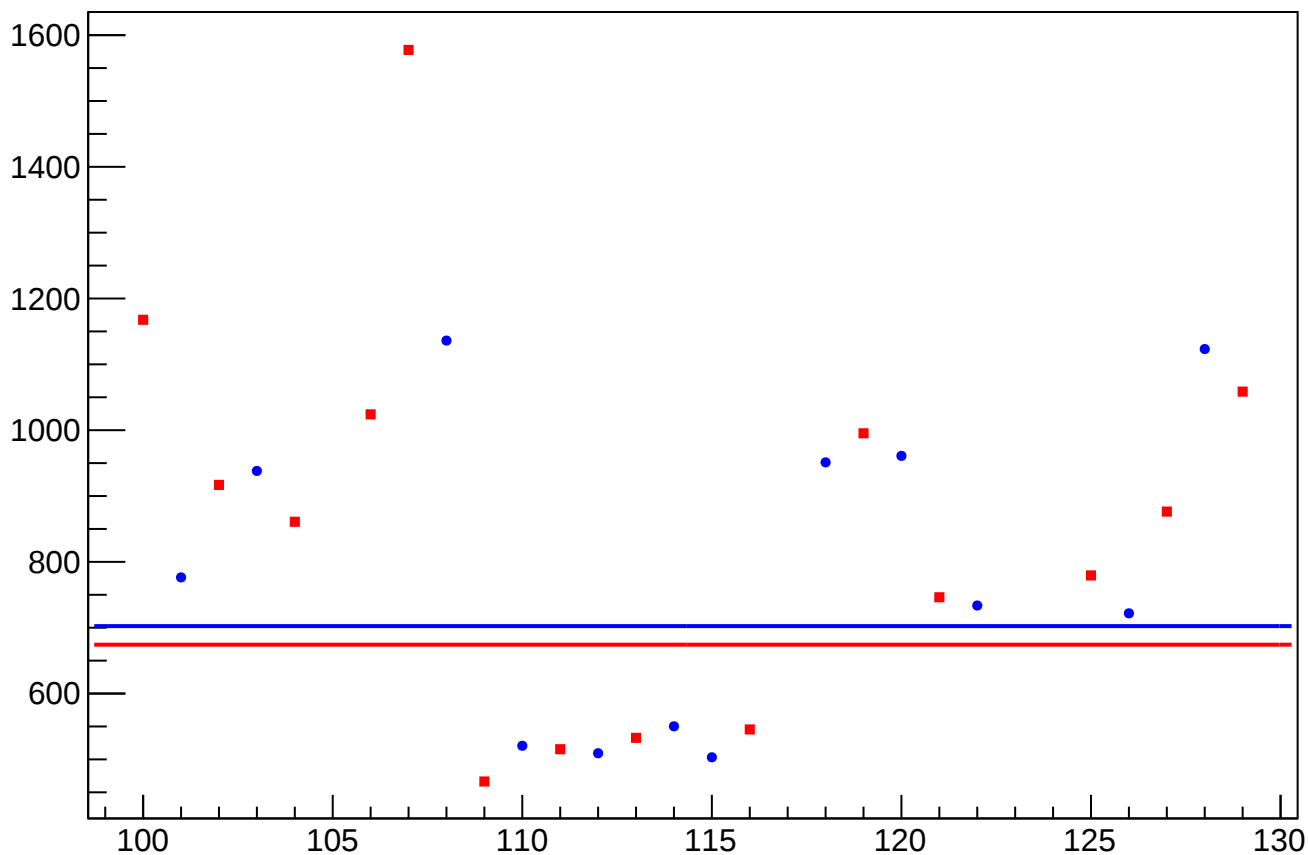
Right: 456.080+/-227.535 χ^2/NDF : 26.8/25

In: 121.147+/-340.734 χ^2/NDF : 17.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 456.080+/-227.535 χ^2/NDF : 26.8/25

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 702.432+/-0.241 χ^2/NDF : 712286.1/11

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

Right Out: 674.205+/-0.216 χ^2/NDF : 1096166.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

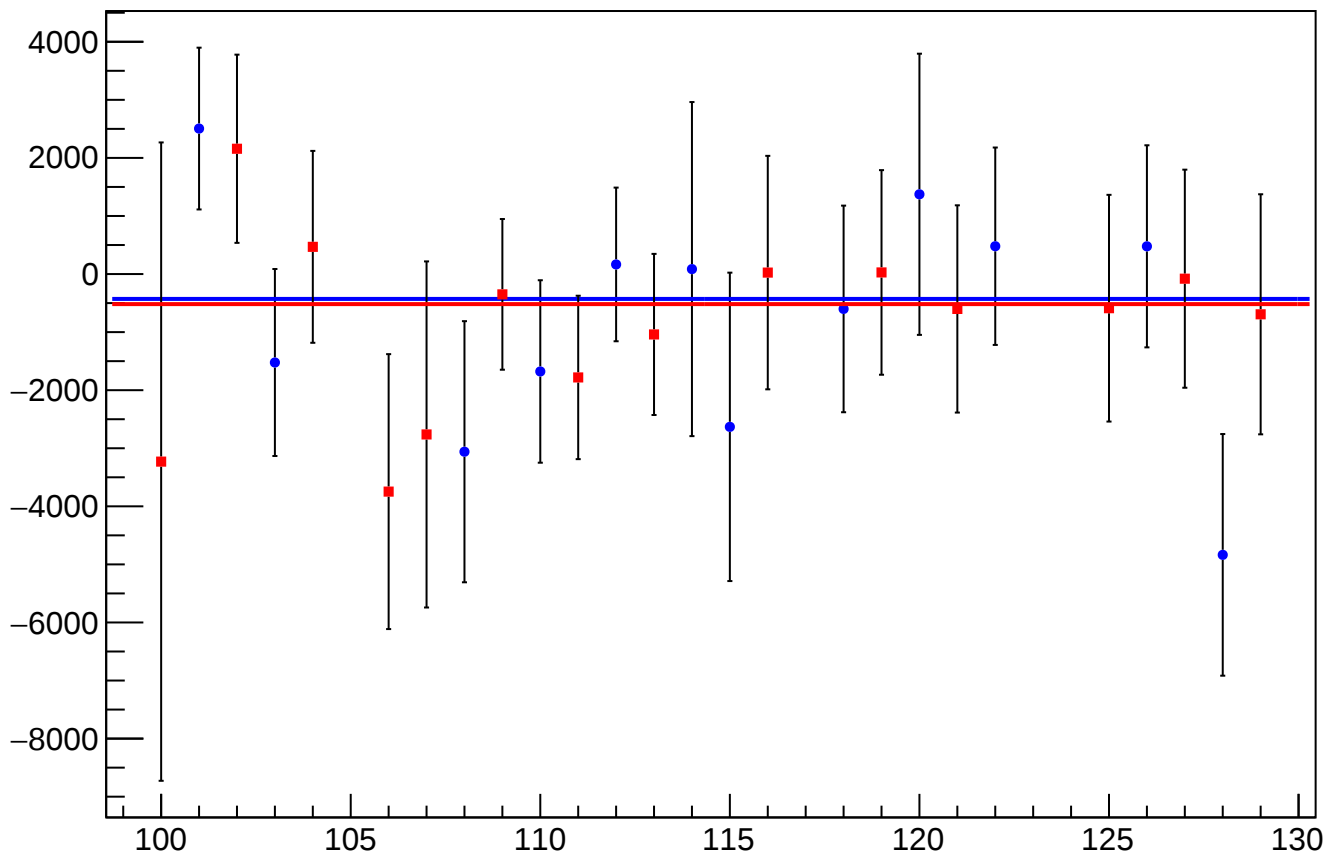
Right: 686.792+/-0.161 χ^2/NDF : 1816057.0/25

In: 702.432+/-0.241 χ^2/NDF : 712286.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 686.792+/-0.161 χ^2/NDF : 1816057.0/25

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -428.291+/-517.647 χ^2/NDF : 13.4/11

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

Right Out: -517.645+/-479.261 χ^2/NDF : 7.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

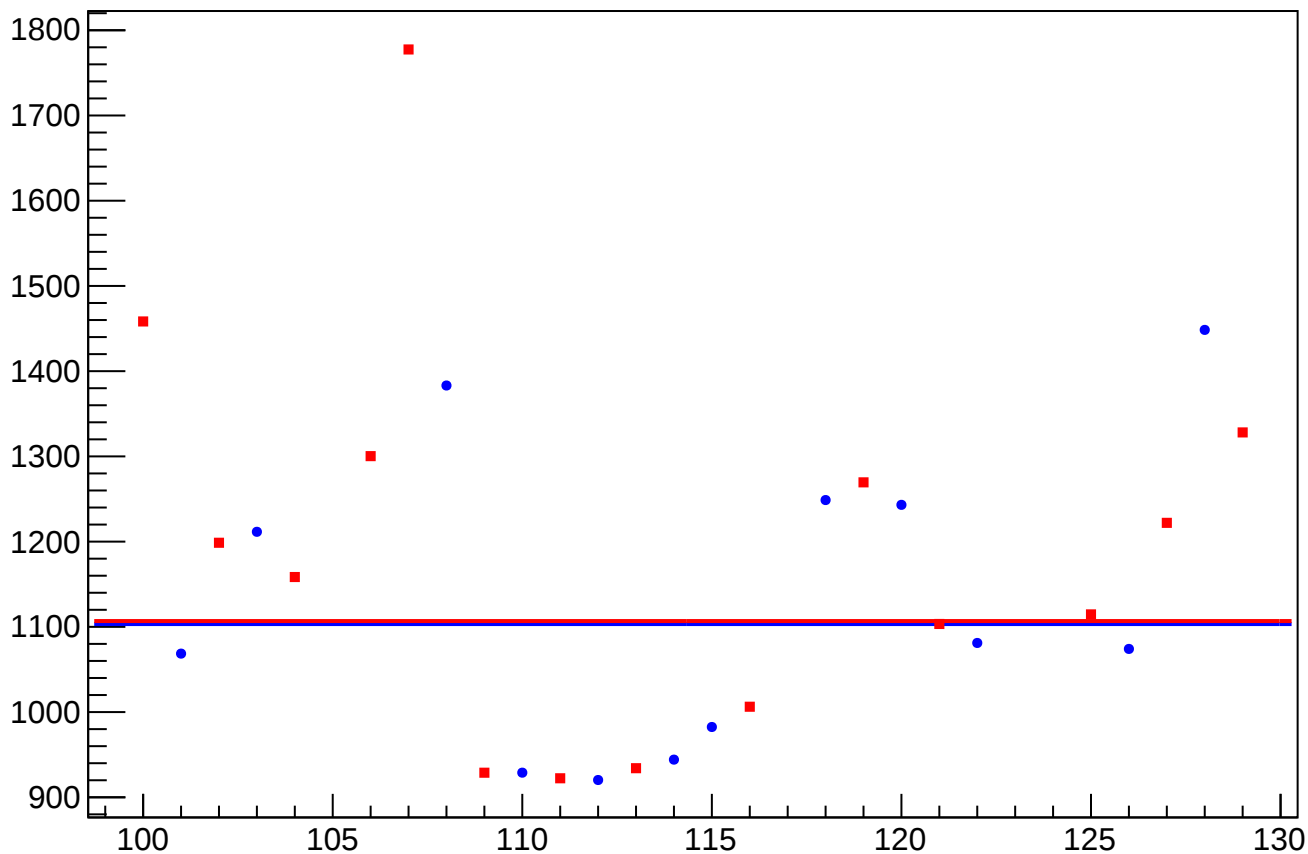
Right: -476.403+/-351.677 χ^2/NDF : 20.4/25

In: -428.291+/-517.647 χ^2/NDF : 13.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -476.403+/-351.677 χ^2/NDF : 20.4/25

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1103.267+/-0.366 χ^2/NDF : 190400.4/11

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

Right Out: 1106.803+/-0.339 χ^2/NDF : 286776.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

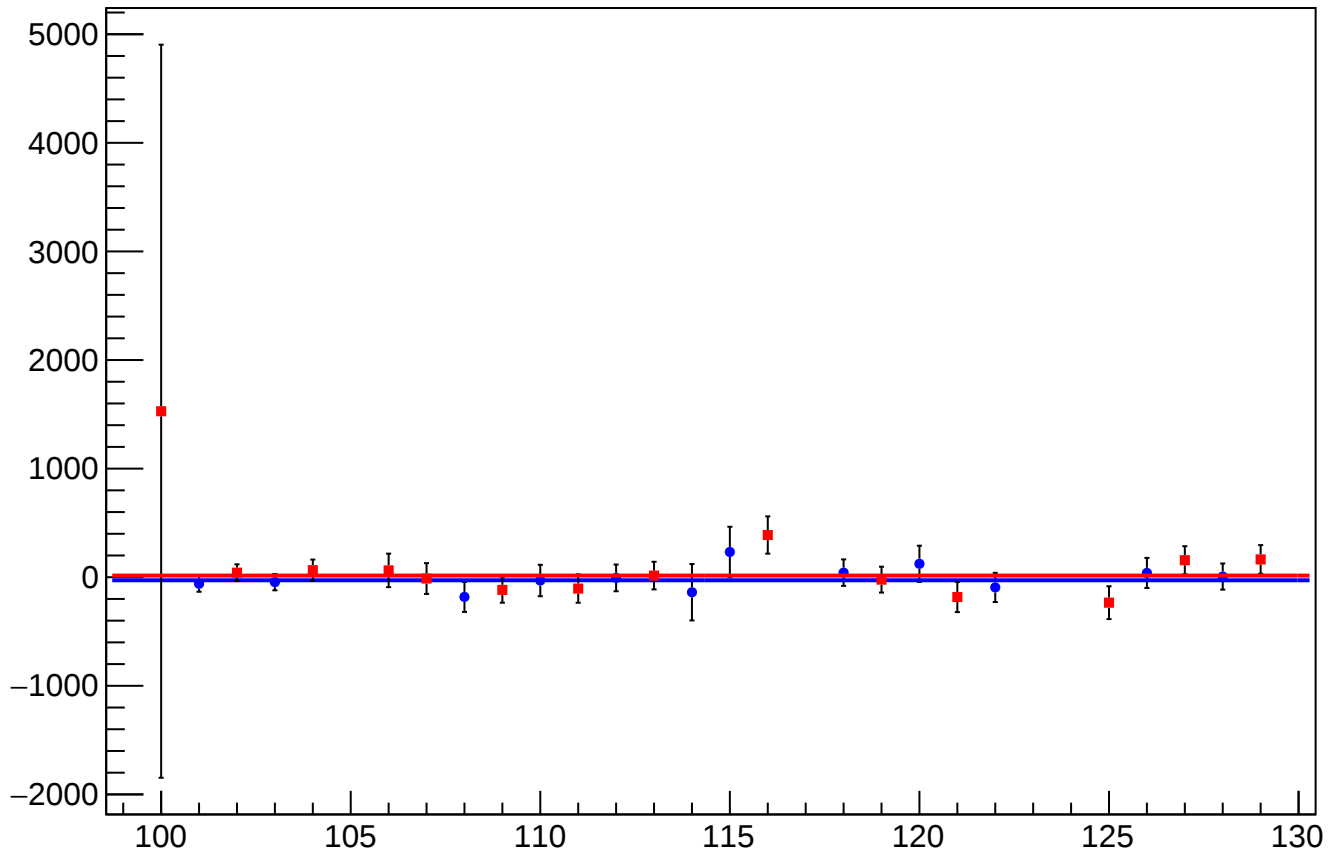
Right: 1105.171+/-0.249 χ^2/NDF : 477226.7/25

In: 1103.267+/-0.366 χ^2/NDF : 190400.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1105.171+/-0.249 χ^2/NDF : 477226.7/25

reg_asym_ds_avg_mean vs Slug, Sign Corrected



Right In: -28.176+/-34.478 χ^2/NDF : 4.7/11

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

Right Out: 14.997+/-33.810 χ^2/NDF : 14.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

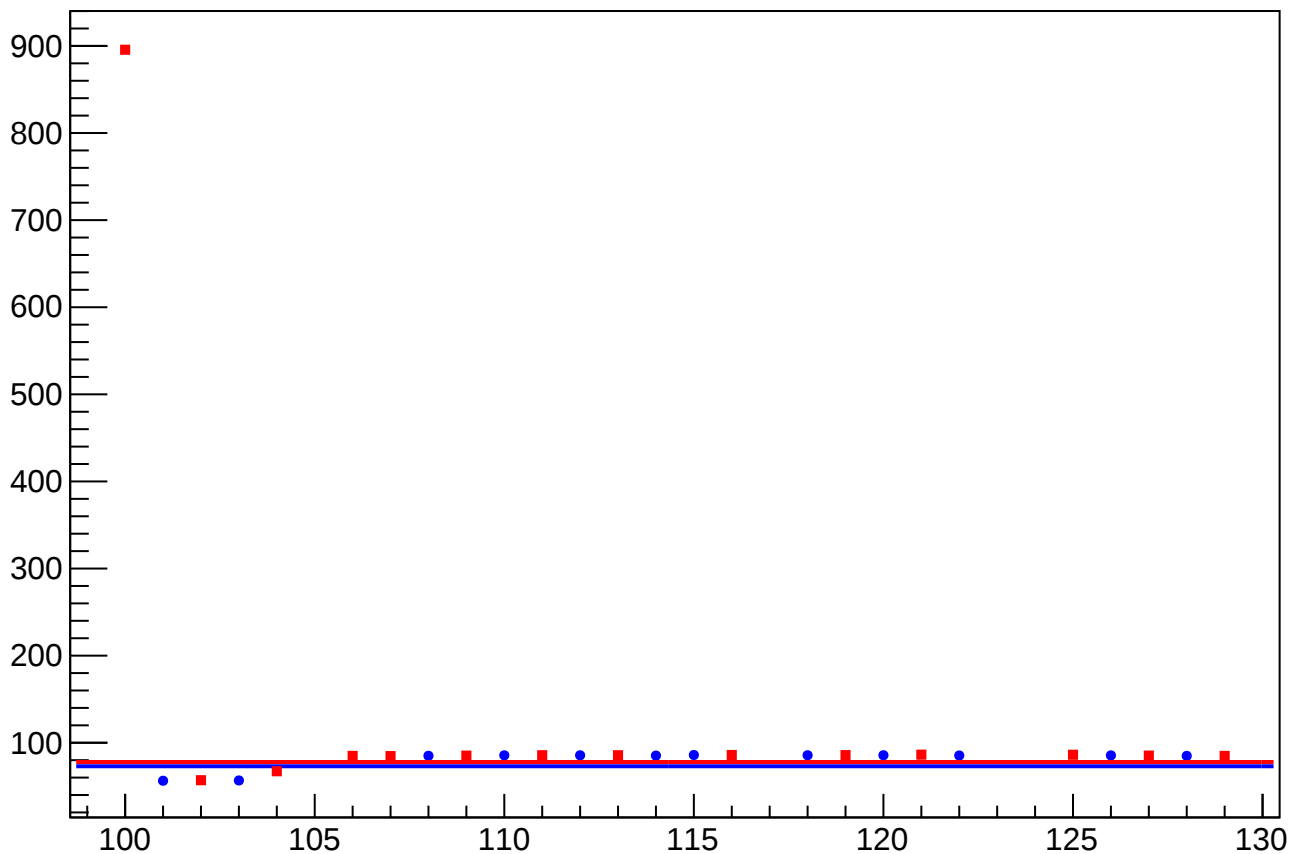
Right: -6.167+/-24.140 χ^2/NDF : 20.3/25

In: -28.176+/-34.478 χ^2/NDF : 4.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.167+/-24.140 χ^2/NDF : 20.3/25

reg_asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 73.010+/-0.024 χ^2/NDF : 343965.7/11

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

Right Out: 77.911+/-0.024 χ^2/NDF : 358231.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

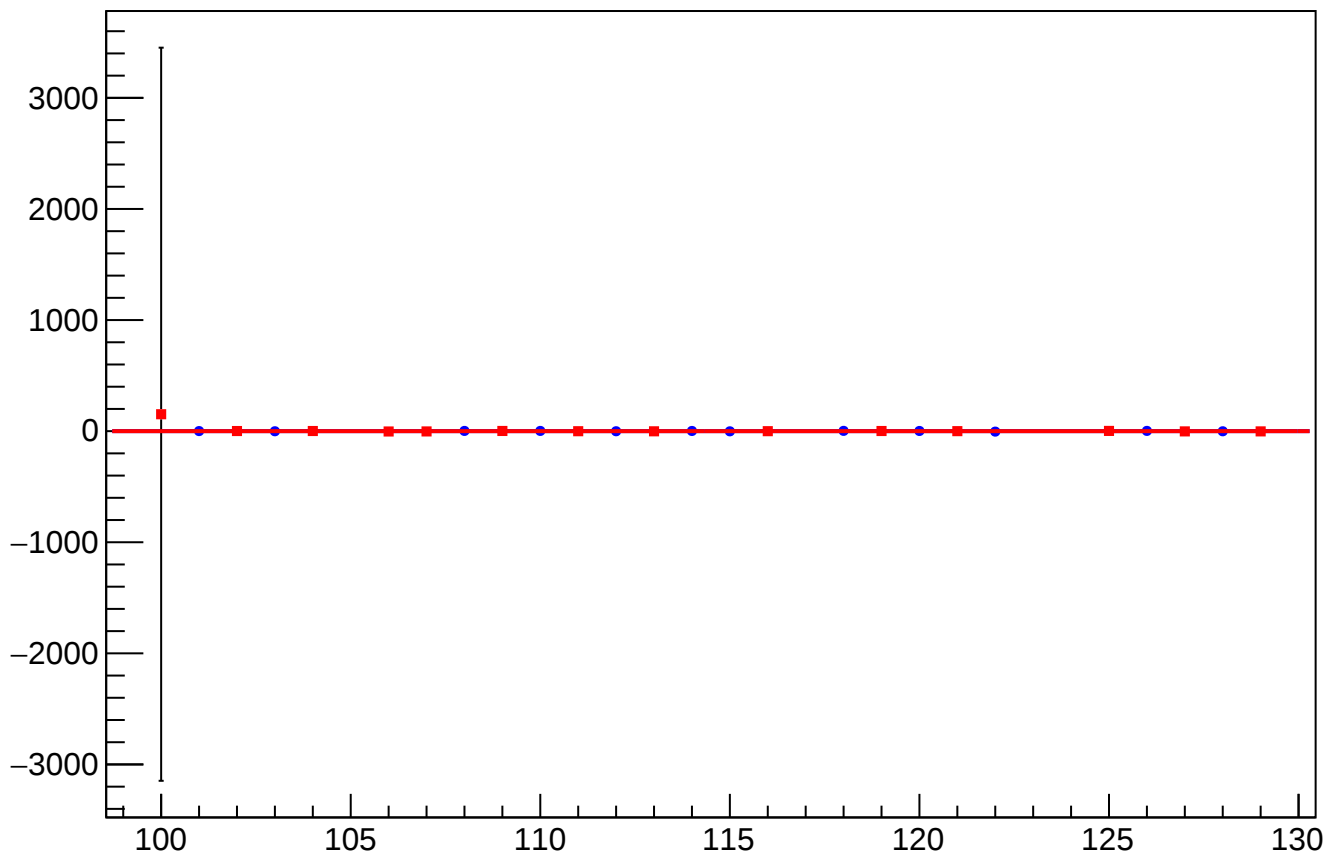
Right: 75.508+/-0.017 χ^2/NDF : 722797.1/25

In: 73.010+/-0.024 χ^2/NDF : 343965.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.508+/-0.017 χ^2/NDF : 722797.1/25

asym_ds_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.360+/-0.572 χ^2/NDF : 9.2/11

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

Right Out: -0.085+/-0.583 χ^2/NDF : 7.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

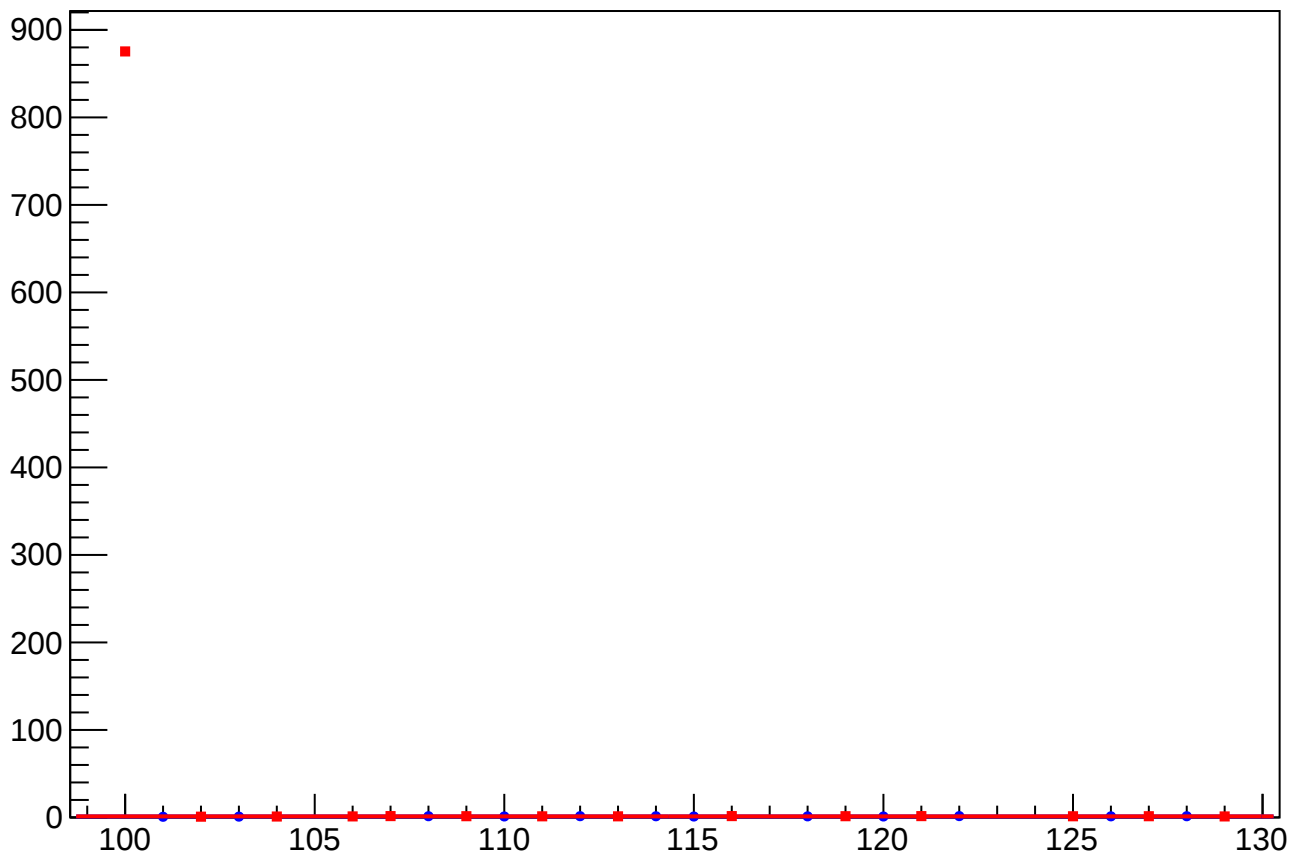
Right: 0.142+/-0.408 χ^2/NDF : 17.2/25

In: 0.360+/-0.572 χ^2/NDF : 9.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.142+/-0.408 χ^2/NDF : 17.2/25

asym_ds_avg_correction_rms vs Slug, Sign Corrected



Right In: 1.103+/-0.000 χ^2/NDF : 398534.0/11

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

Right Out: 1.239+/-0.000 χ^2/NDF : 425600.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

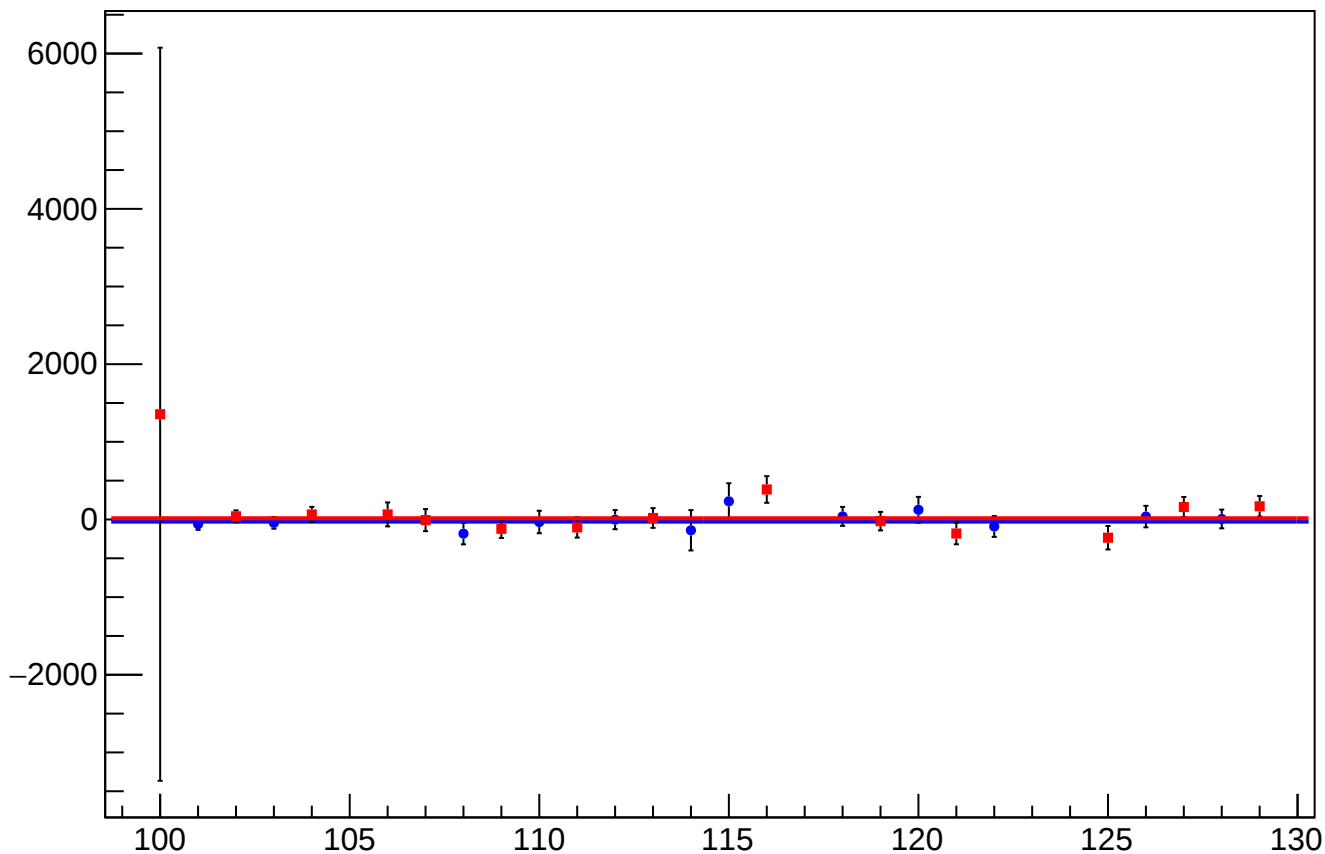
Right: 1.169+/-0.000 χ^2/NDF : 879344.2/25

In: 1.103+/-0.000 χ^2/NDF : 398534.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.169+/-0.000 χ^2/NDF : 879344.2/25

asym_ds_avg_mean vs Slug, Sign Corrected



Right In: -27.472 ± 34.487 χ^2/NDF : 4.6/11

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

Right Out: 15.758 ± 33.820 χ^2/NDF : 14.8/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

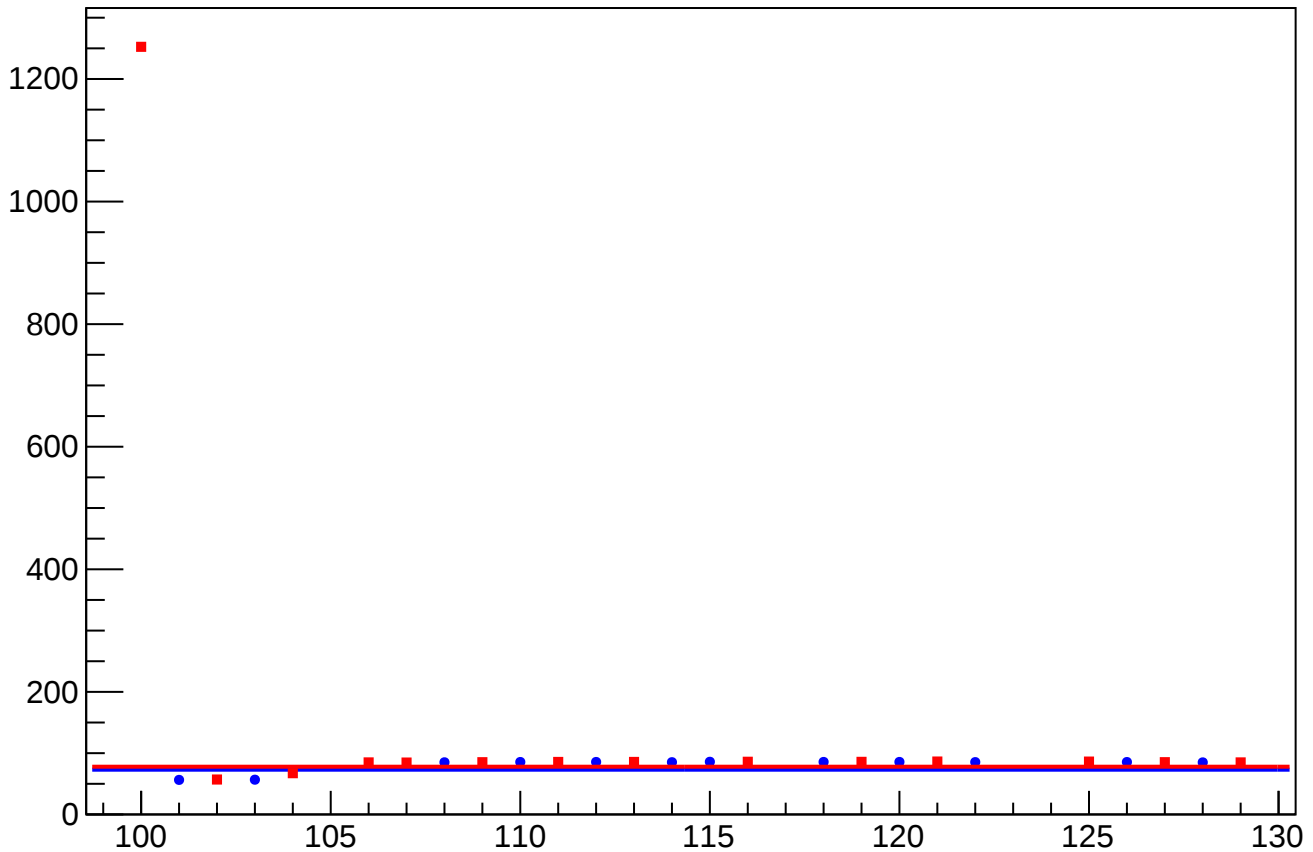
Right: -5.434 ± 24.147 χ^2/NDF : 20.3/25

In: -27.472 ± 34.487 χ^2/NDF : 4.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.434 ± 24.147 χ^2/NDF : 20.3/25

asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 73.028+/-0.024 χ^2/NDF : 343974.2/11

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

Right Out: 77.909+/-0.024 χ^2/NDF : 364643.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

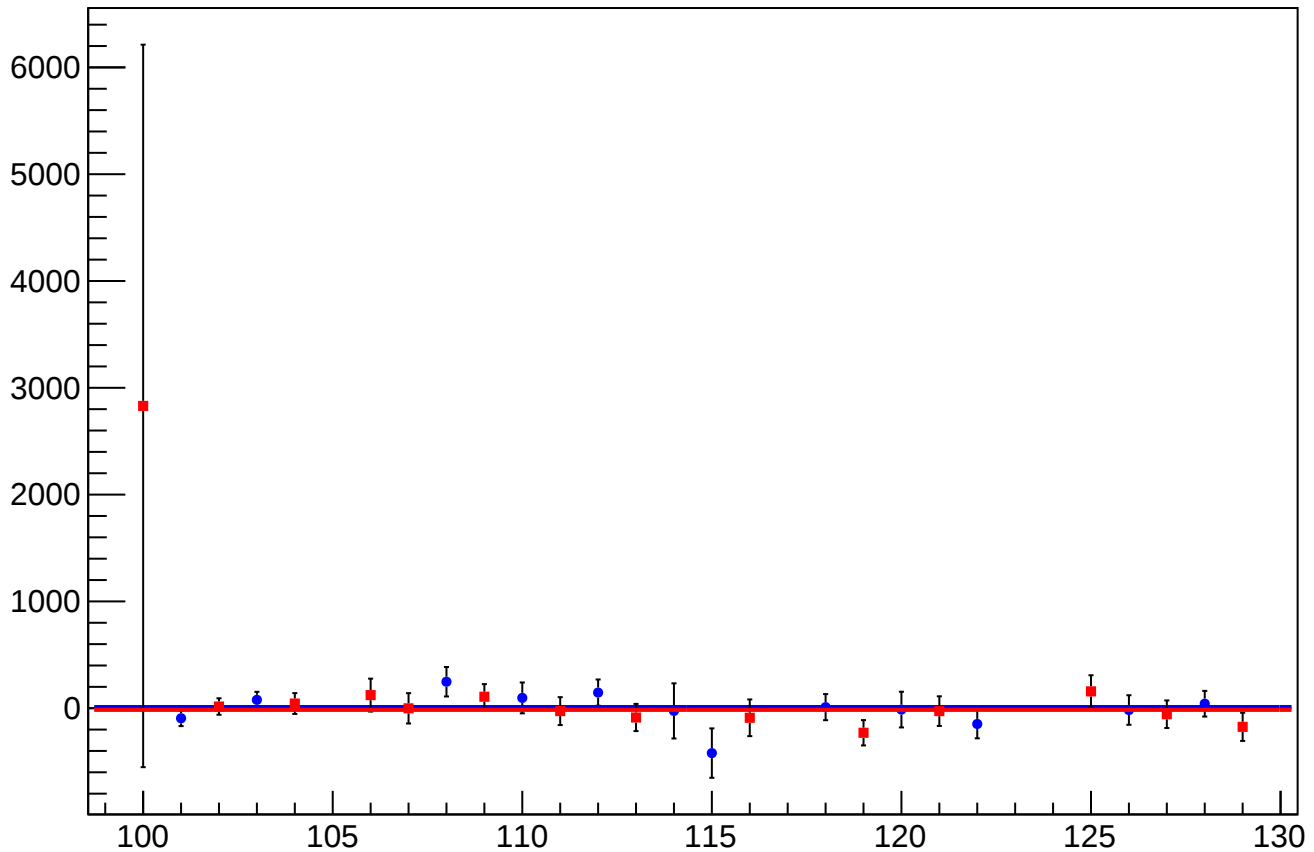
Right: 75.517+/-0.017 χ^2/NDF : 729041.3/25

In: 73.028+/-0.024 χ^2/NDF : 343974.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.517+/-0.017 χ^2/NDF : 729041.3/25

reg_asym_ds_dd_mean vs Slug, Sign Corrected



Right In: 11.354+/-34.460 χ^2/NDF : 12.4/11

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

Right Out: -15.809+/-33.794 χ^2/NDF : 9.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

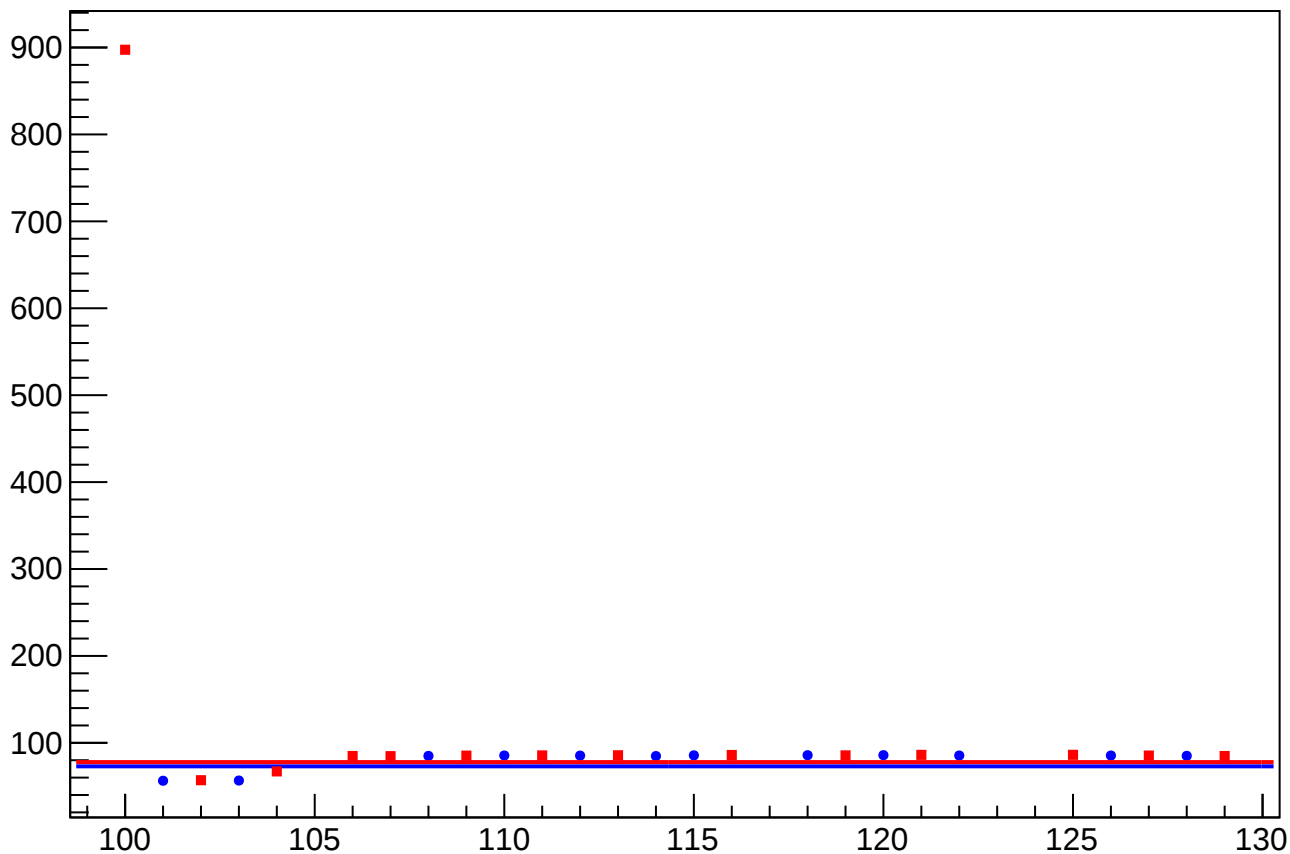
Right: -2.492+/-24.128 χ^2/NDF : 22.5/25

In: 11.354+/-34.460 χ^2/NDF : 12.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.492+/-24.128 χ^2/NDF : 22.5/25

reg_asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 72.971+/-0.024 χ^2/NDF : 344066.1/11

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

Right Out: 77.873+/-0.024 χ^2/NDF : 358391.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

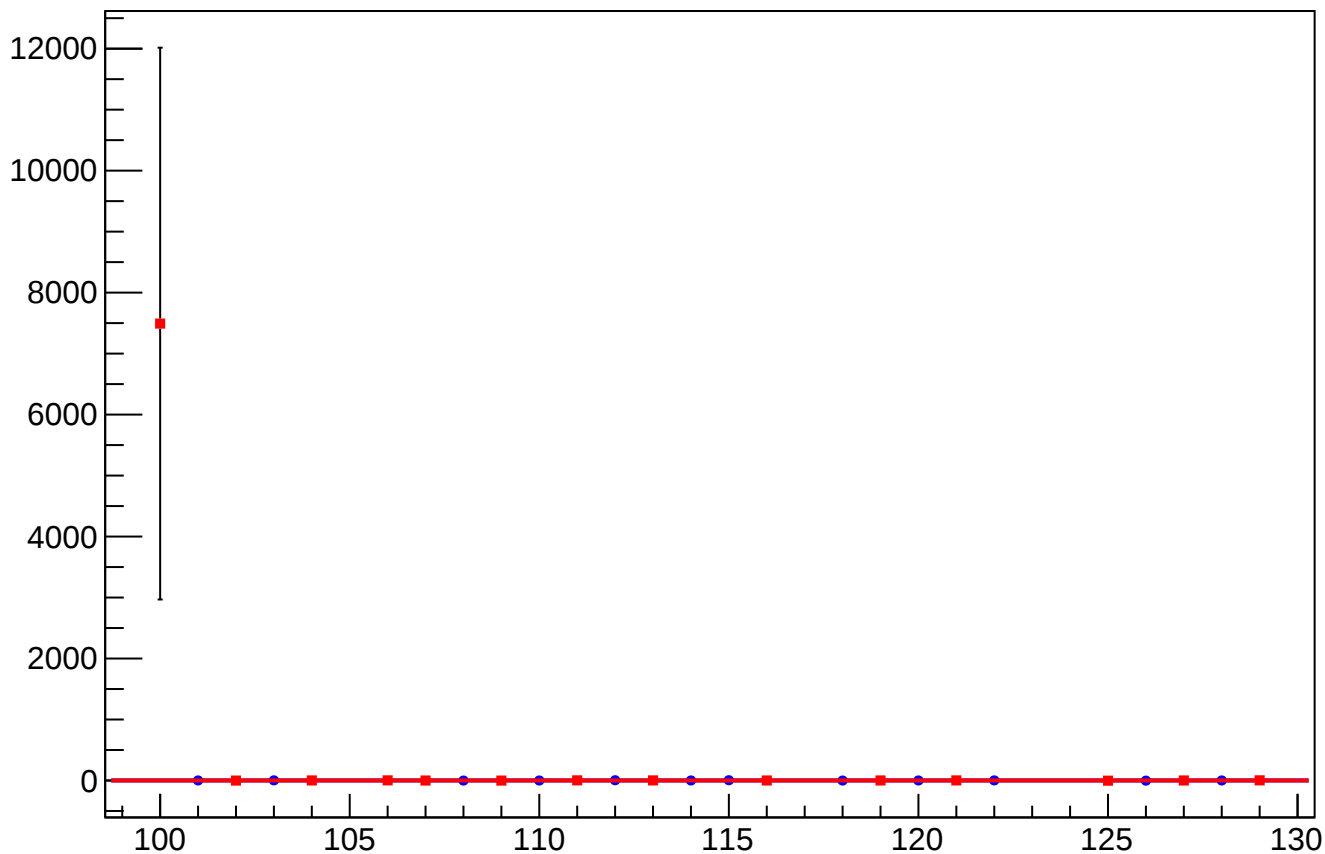
Right: 75.470+/-0.017 χ^2/NDF : 723090.5/25

In: 72.971+/-0.024 χ^2/NDF : 344066.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.470+/-0.017 χ^2/NDF : 723090.5/25

asym_ds_dd_correction_mean vs Slug, Sign Corrected



Right In: 1.043+/-0.610 χ^2/NDF : 7.9/11

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

Right Out: 0.211+/-0.600 χ^2/NDF : 10.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

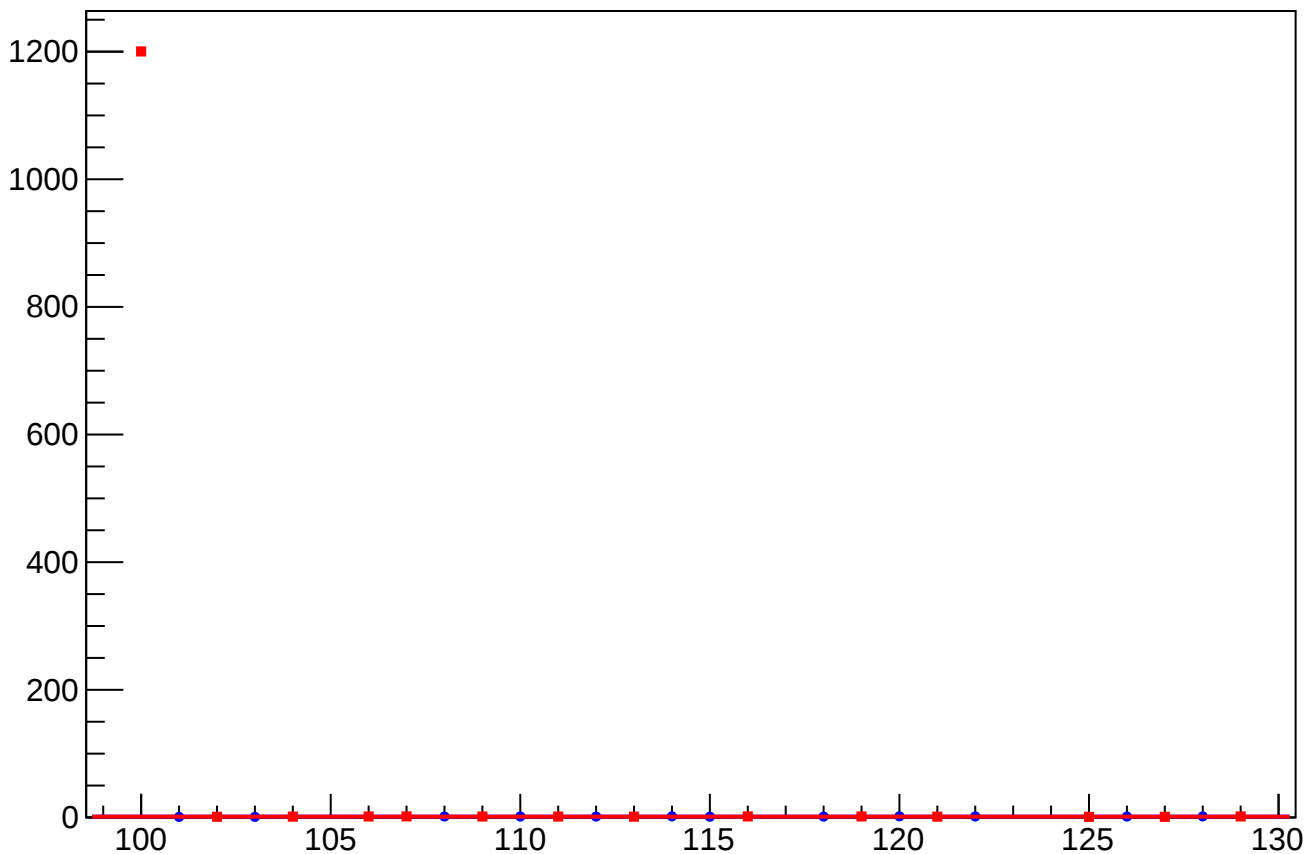
Right: 0.620+/-0.428 χ^2/NDF : 19.3/25

In: 1.043+/-0.610 χ^2/NDF : 7.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.620+/-0.428 χ^2/NDF : 19.3/25

asym_ds_dd_correction_rms vs Slug, Sign Corrected



Right In: 1.183+/-0.000 χ^2/NDF : 537337.5/11

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

Right Out: 1.267+/-0.000 χ^2/NDF : 430813.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

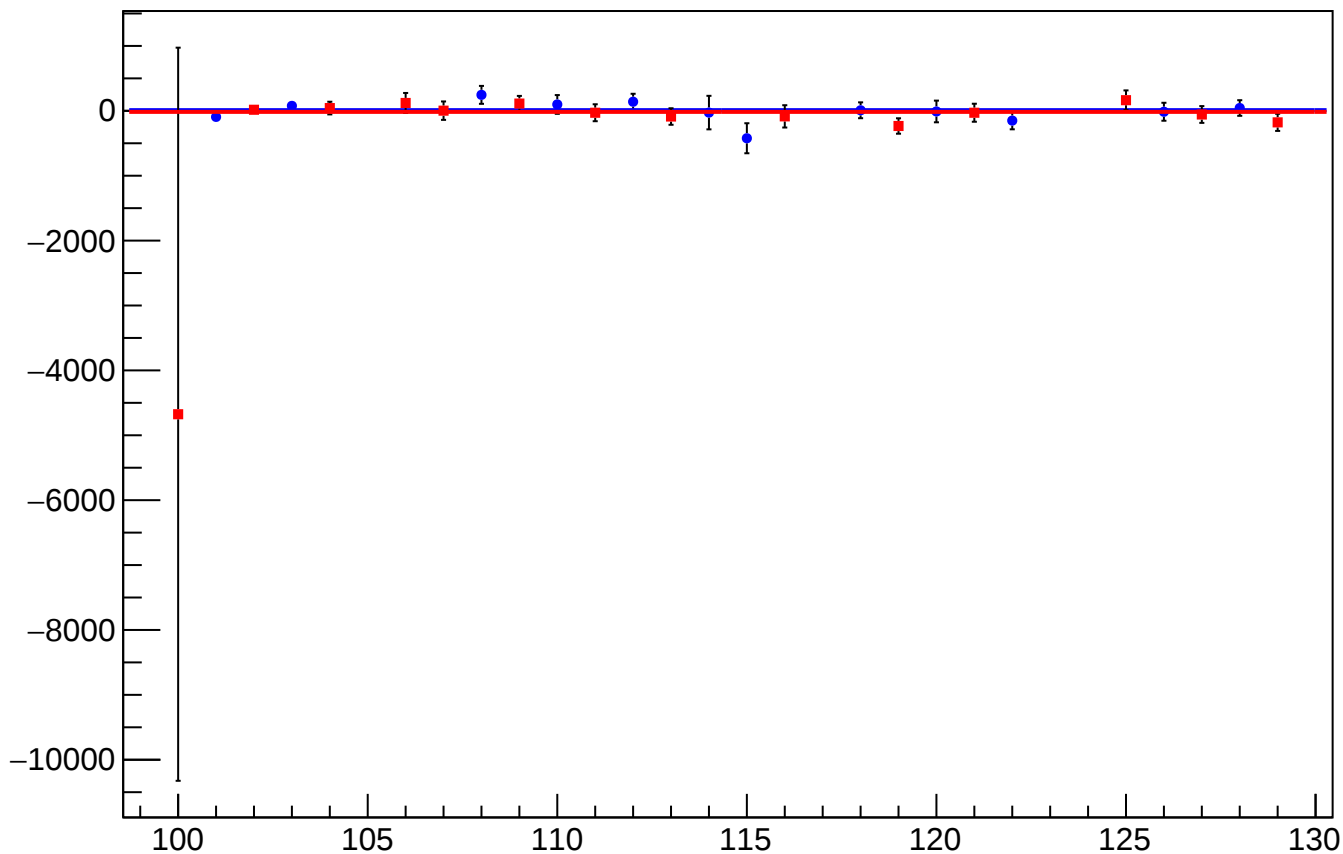
Right: 1.225+/-0.000 χ^2/NDF : 987561.0/25

In: 1.183+/-0.000 χ^2/NDF : 537337.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.225+/-0.000 χ^2/NDF : 987561.0/25

asym_ds_dd_mean vs Slug, Sign Corrected



Right In: 10.488+/-34.469 χ^2/NDF : 12.3/11

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

Right Out: -16.294+/-33.804 χ^2/NDF : 10.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

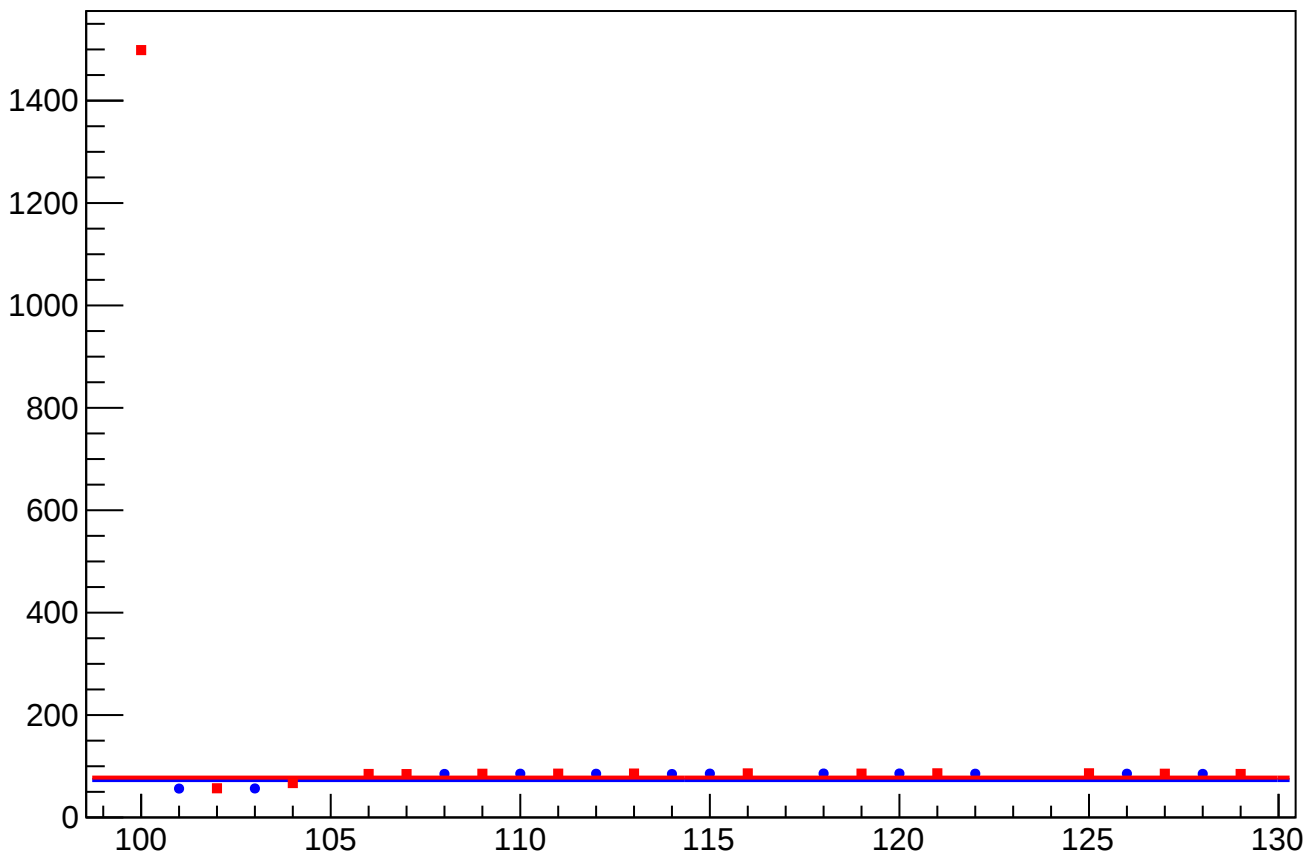
Right: -3.164+/-24.135 χ^2/NDF : 22.6/25

In: 10.488+/-34.469 χ^2/NDF : 12.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.164+/-24.135 χ^2/NDF : 22.6/25

asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 72.991+/-0.024 χ^2/NDF : 344104.0/11

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

Right Out: 77.864+/-0.024 χ^2/NDF : 367491.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

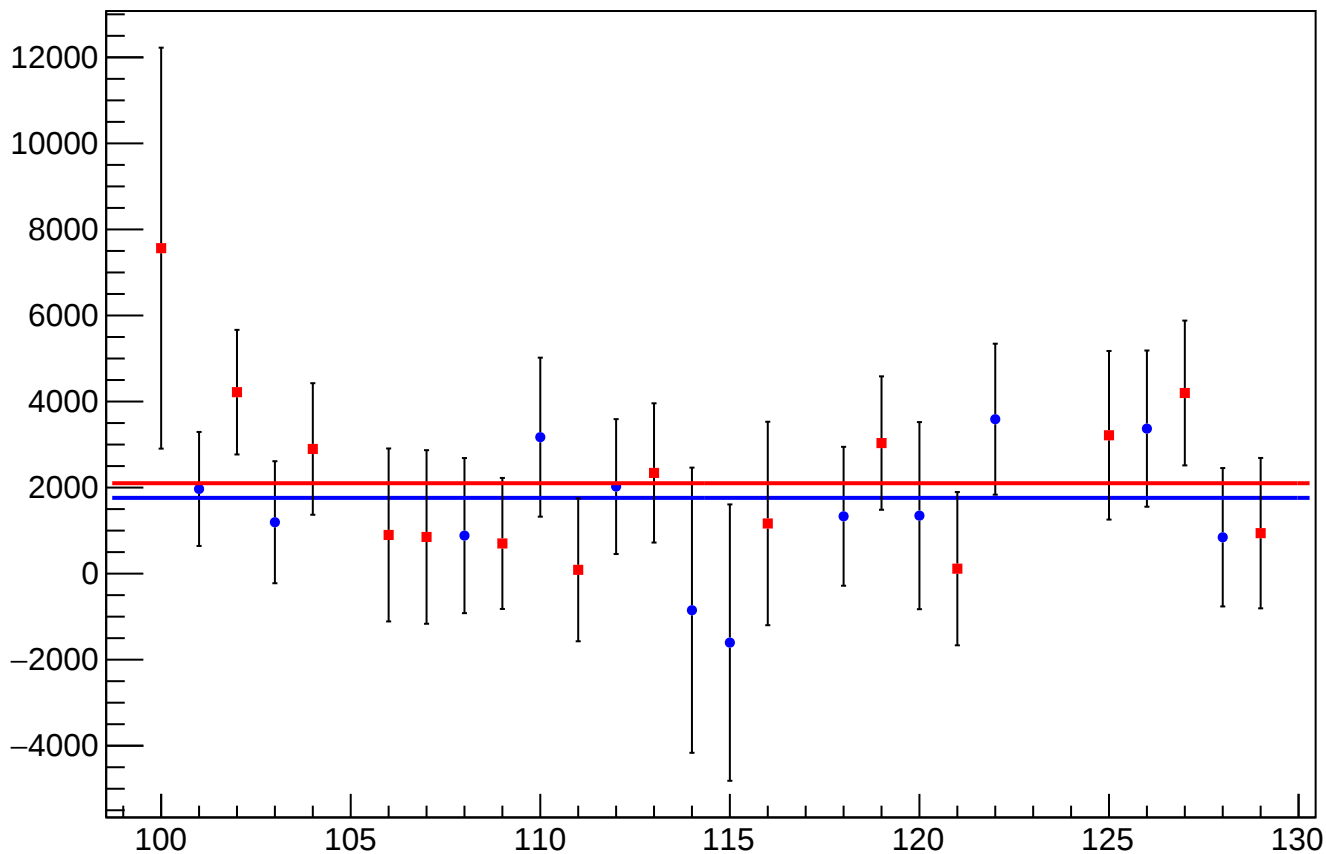
Right: 75.475+/-0.017 χ^2/NDF : 731970.8/25

In: 72.991+/-0.024 χ^2/NDF : 344104.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.475+/-0.017 χ^2/NDF : 731970.8/25

reg_asym_usl_mean vs Slug, Sign Corrected



Right In: 1760.757+/-508.175 χ^2/NDF : 5.1/11

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

Right Out: 2101.368+/-472.960 χ^2/NDF : 10.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

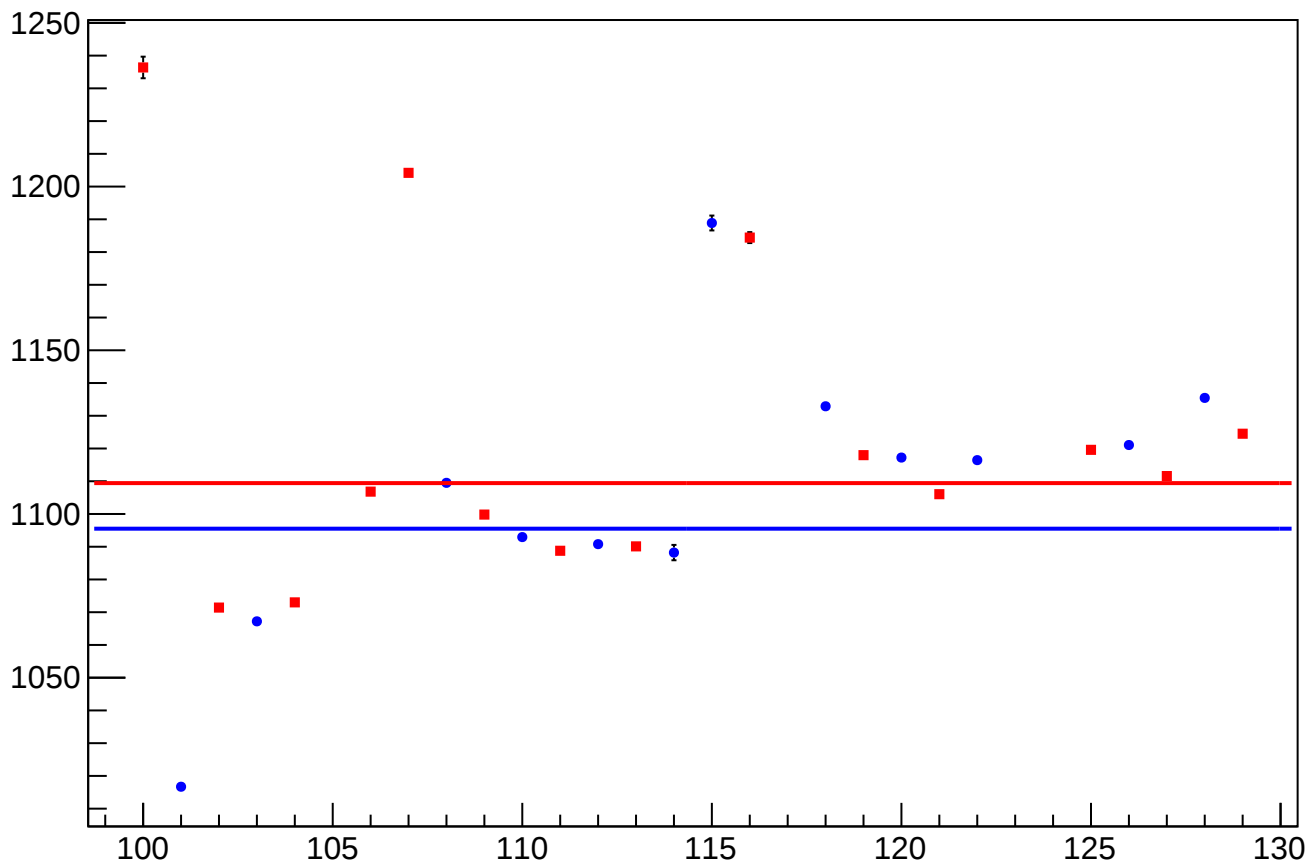
Right: 1943.271+/-346.214 χ^2/NDF : 16.2/25

In: 1760.757+/-508.175 χ^2/NDF : 5.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1943.271+/-346.214 χ^2/NDF : 16.2/25

reg_asym_usl_rms vs Slug, Sign Corrected



Right In: 1095.511+/-0.359 χ^2/NDF : 12903.2/11

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

Right Out: 1109.431+/-0.334 χ^2/NDF : 11373.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

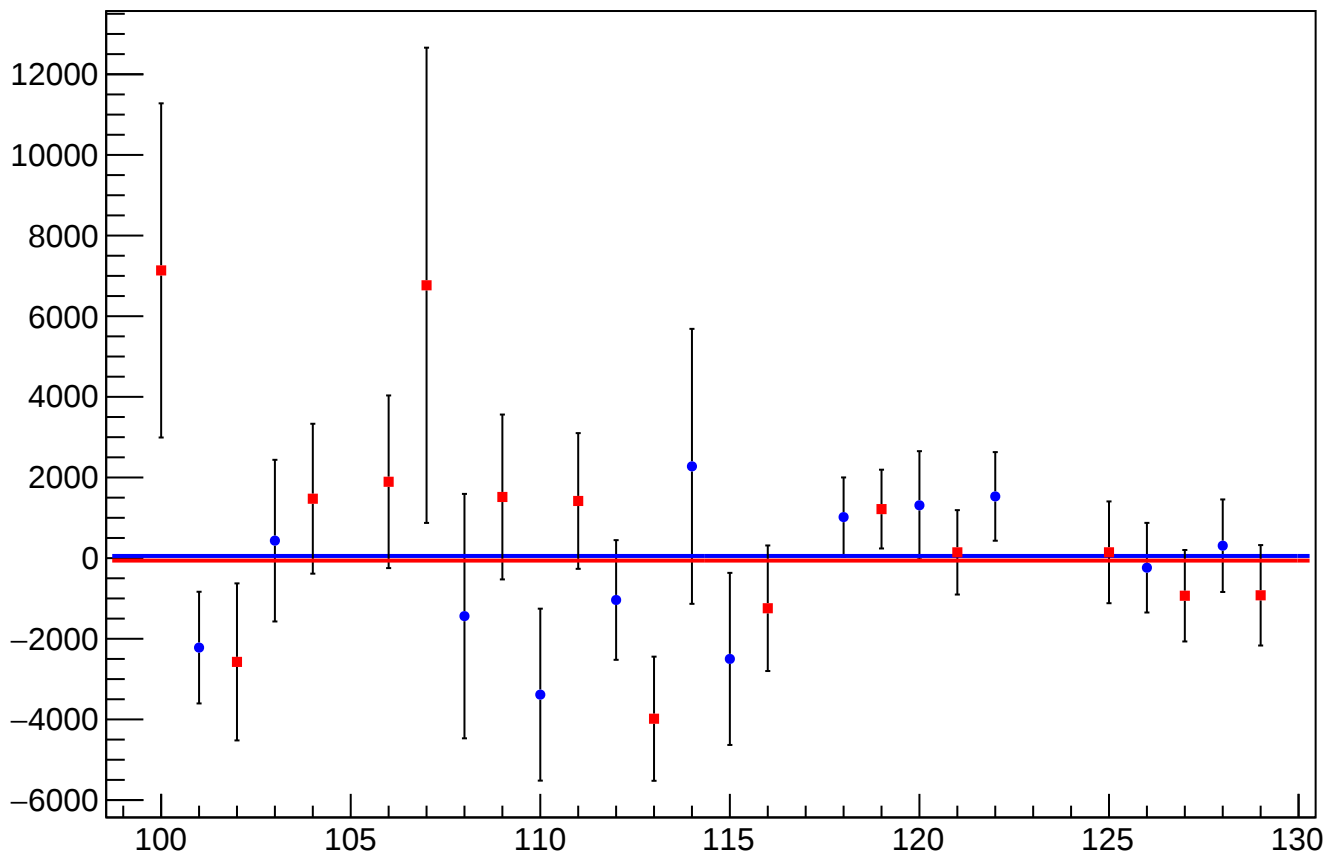
Right: 1102.970+/-0.245 χ^2/NDF : 25081.1/25

In: 1095.511+/-0.359 χ^2/NDF : 12903.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1102.970+/-0.245 χ^2/NDF : 25081.1/25

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: 54.011+/-413.623 χ^2/NDF : 11.7/11

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

Right Out: -60.565+/-398.550 χ^2/NDF : 18.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

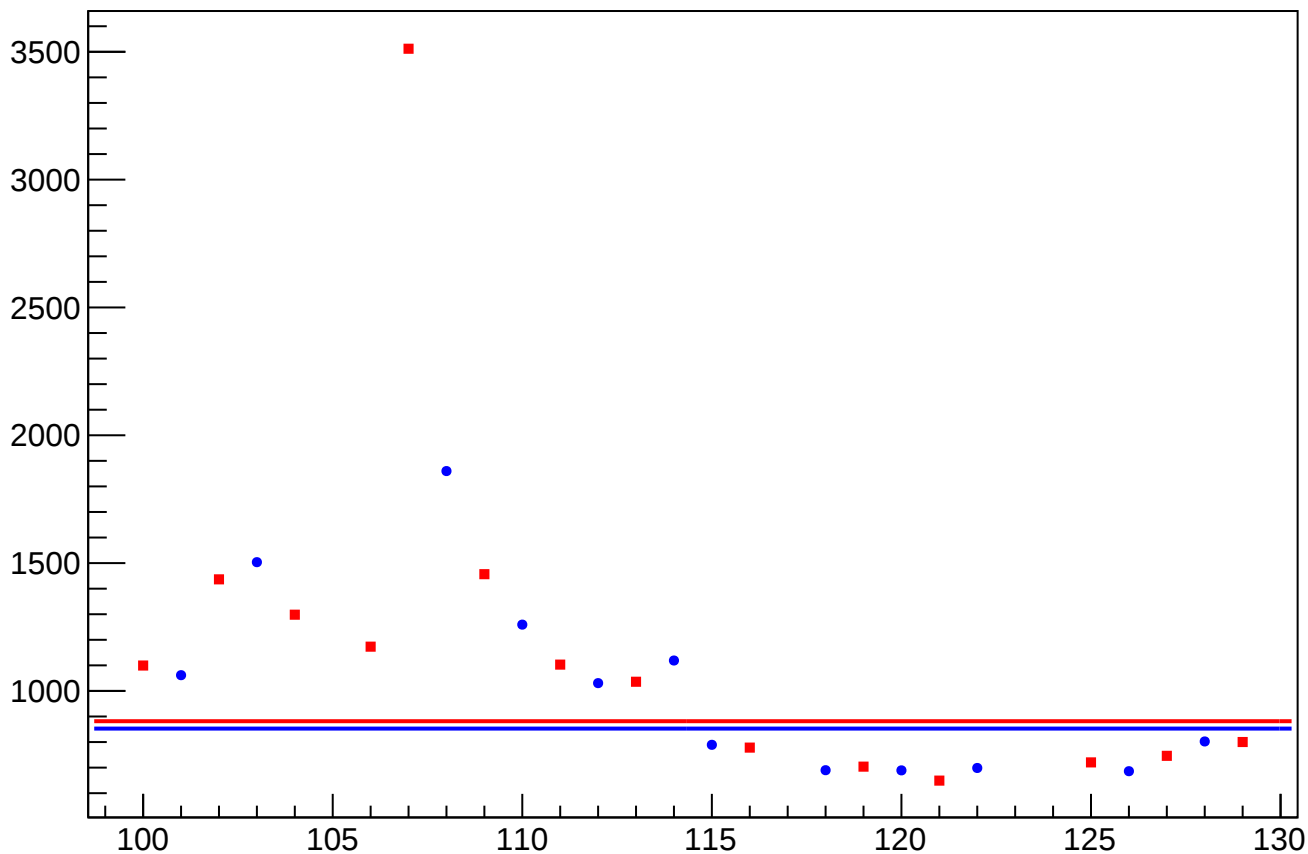
Right: -5.402+/-286.998 χ^2/NDF : 30.6/25

In: 54.011+/-413.623 χ^2/NDF : 11.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.402+/-286.998 χ^2/NDF : 30.6/25

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 852.692+/-0.292 χ^2/NDF : 765343.9/11

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

Right Out: 881.564+/-0.282 χ^2/NDF : 1160098.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

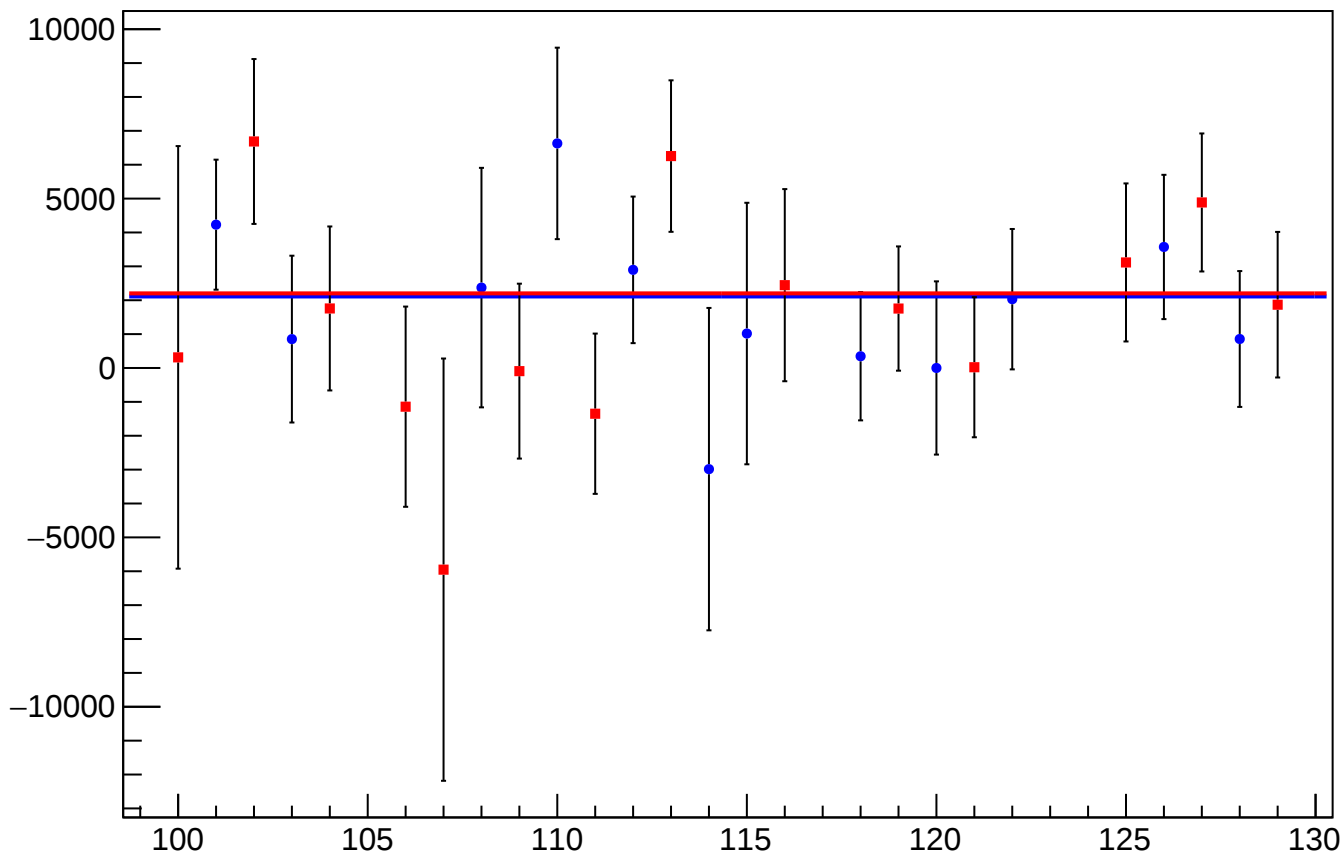
Right: 867.664+/-0.203 χ^2/NDF : 1930495.9/25

In: 852.692+/-0.292 χ^2/NDF : 765343.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 867.664+/-0.203 χ^2/NDF : 1930495.9/25

asym_usl_mean vs Slug, Sign Corrected



Right In: 2111.050+/-689.895 χ^2/NDF : 7.8/11

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

Right Out: 2202.437+/-654.902 χ^2/NDF : 15.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

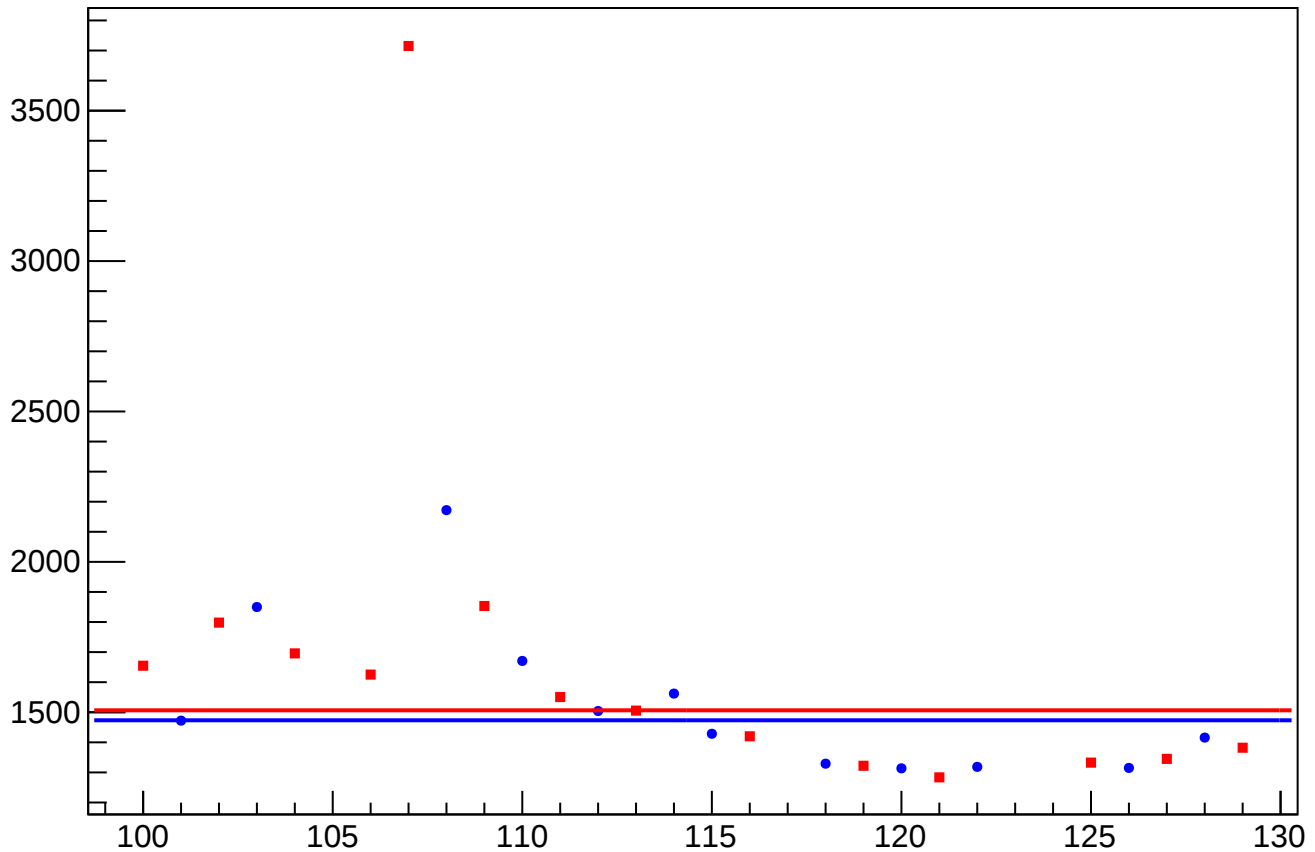
Right: 2159.119+/-474.975 χ^2/NDF : 23.8/25

In: 2111.050+/-689.895 χ^2/NDF : 7.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2159.119+/-474.975 χ^2/NDF : 23.8/25

asym_usl_rms vs Slug, Sign Corrected



Right In: 1473.305+/-0.488 χ^2/NDF : 179343.9/11

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

Right Out: 1506.502+/-0.463 χ^2/NDF : 408966.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

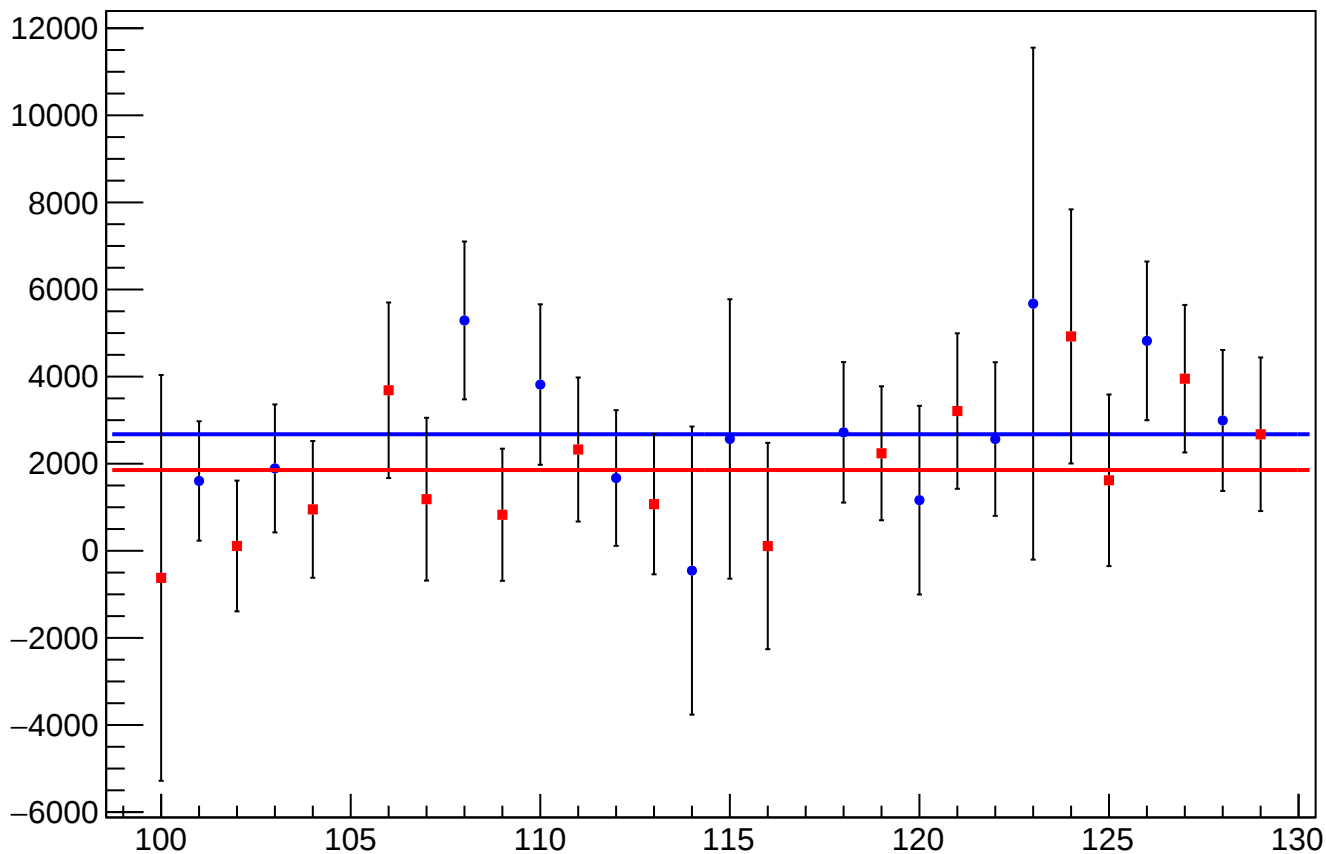
Right: 1490.767+/-0.336 χ^2/NDF : 590746.3/25

In: 1473.305+/-0.488 χ^2/NDF : 179343.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1490.767+/-0.336 χ^2/NDF : 590746.3/25

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 2676.269+/-511.329 χ^2/NDF : 6.8/12

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

Right Out: 1854.707+/-467.637 χ^2/NDF : 7.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

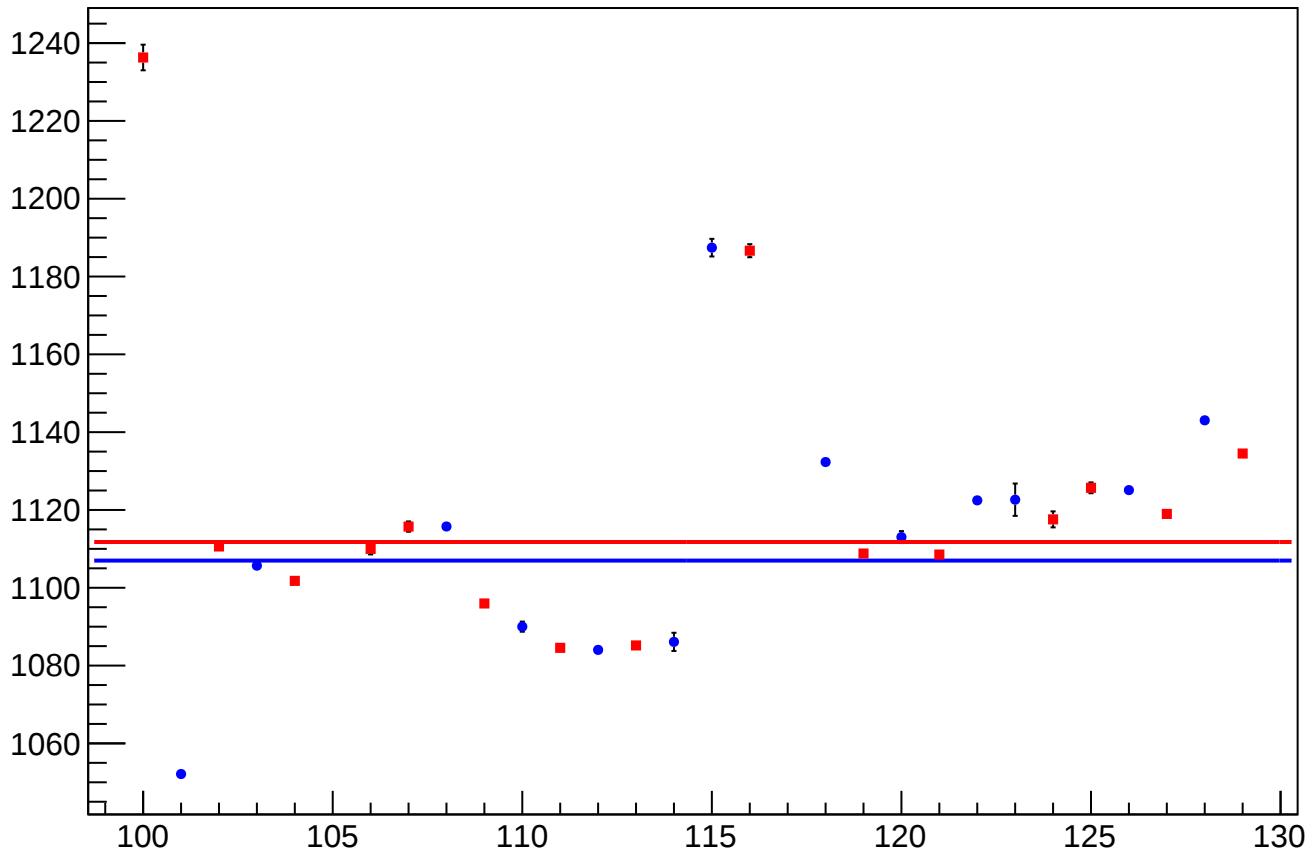
Right: 2228.893+/-345.084 χ^2/NDF : 16.0/27

In: 2676.269+/-511.329 χ^2/NDF : 6.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2228.893+/-345.084 χ^2/NDF : 16.0/27

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1106.988+/-0.362 χ^2/NDF : 7058.2/12

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

Right Out: 1111.765+/-0.331 χ^2/NDF : 5312.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

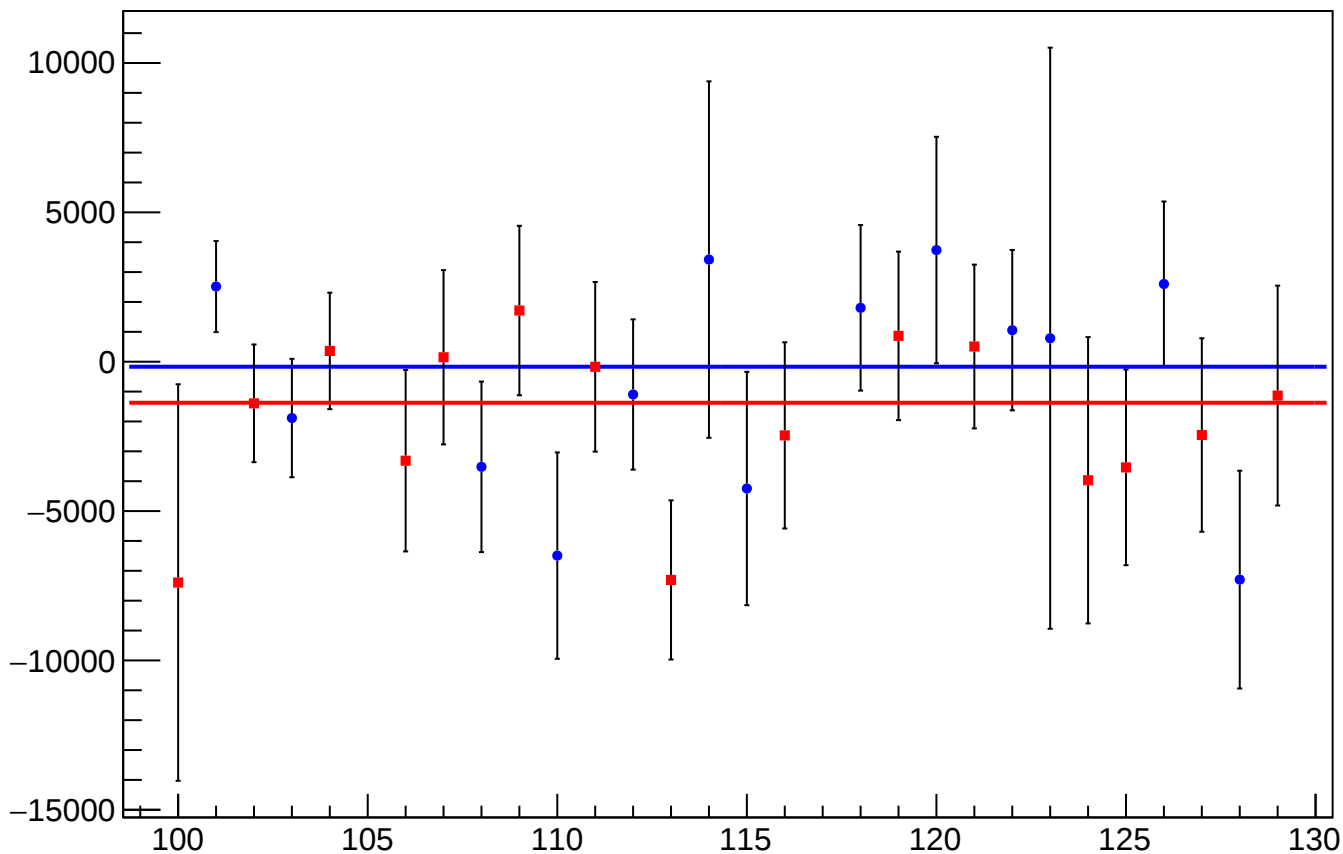
Right: 1109.589+/-0.244 χ^2/NDF : 12465.5/27

In: 1106.988+/-0.362 χ^2/NDF : 7058.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1109.589+/-0.244 χ^2/NDF : 12465.5/27

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -167.786+/-767.189 χ^2/NDF : 16.8/12

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

Right Out: -1373.674+/-740.049 χ^2/NDF : 10.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

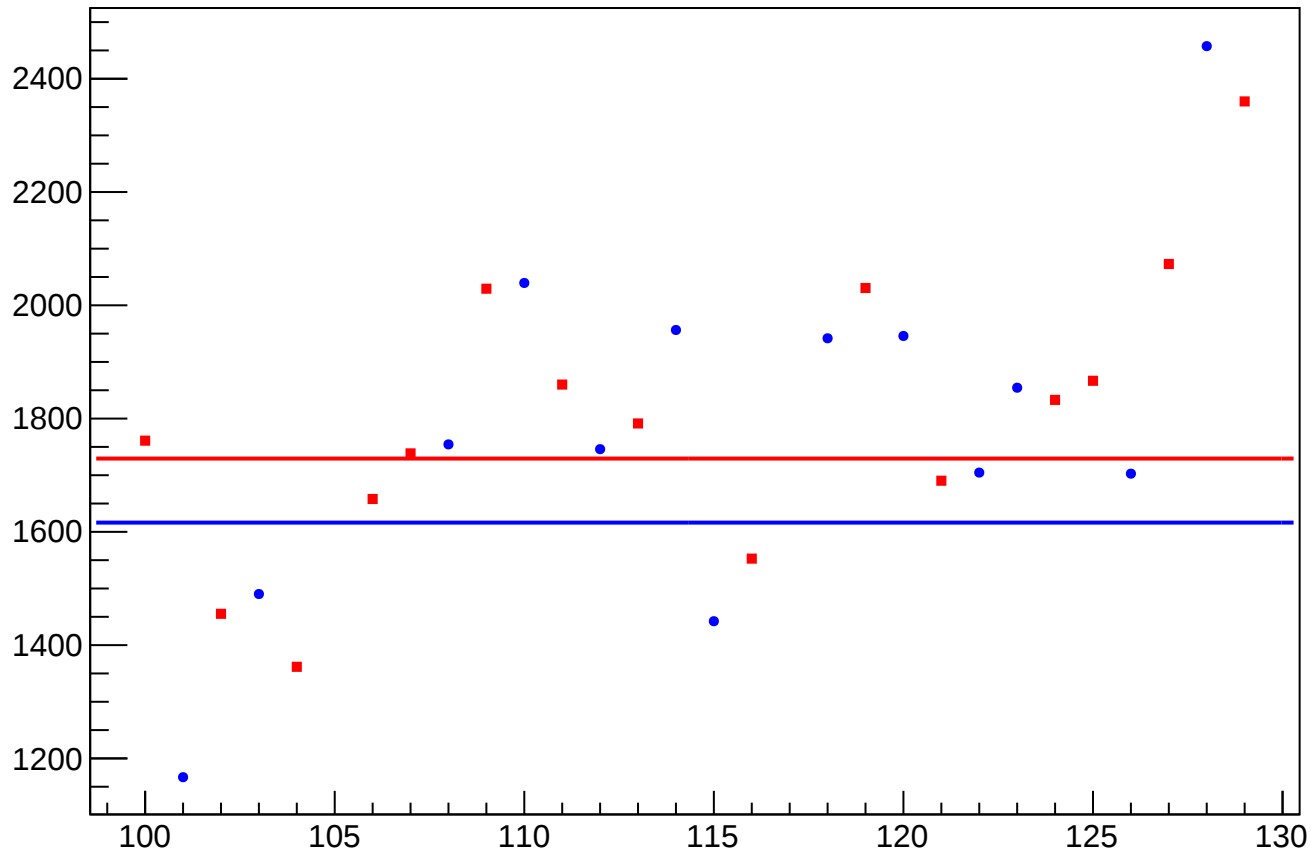
Right: -792.436+/-532.630 χ^2/NDF : 28.7/27

In: -167.786+/-767.189 χ^2/NDF : 16.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -792.436+/-532.630 χ^2/NDF : 28.7/27

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1616.351+/-0.542 χ^2/NDF : 387170.8/12

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

Right Out: 1729.430+/-0.523 χ^2/NDF : 253960.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

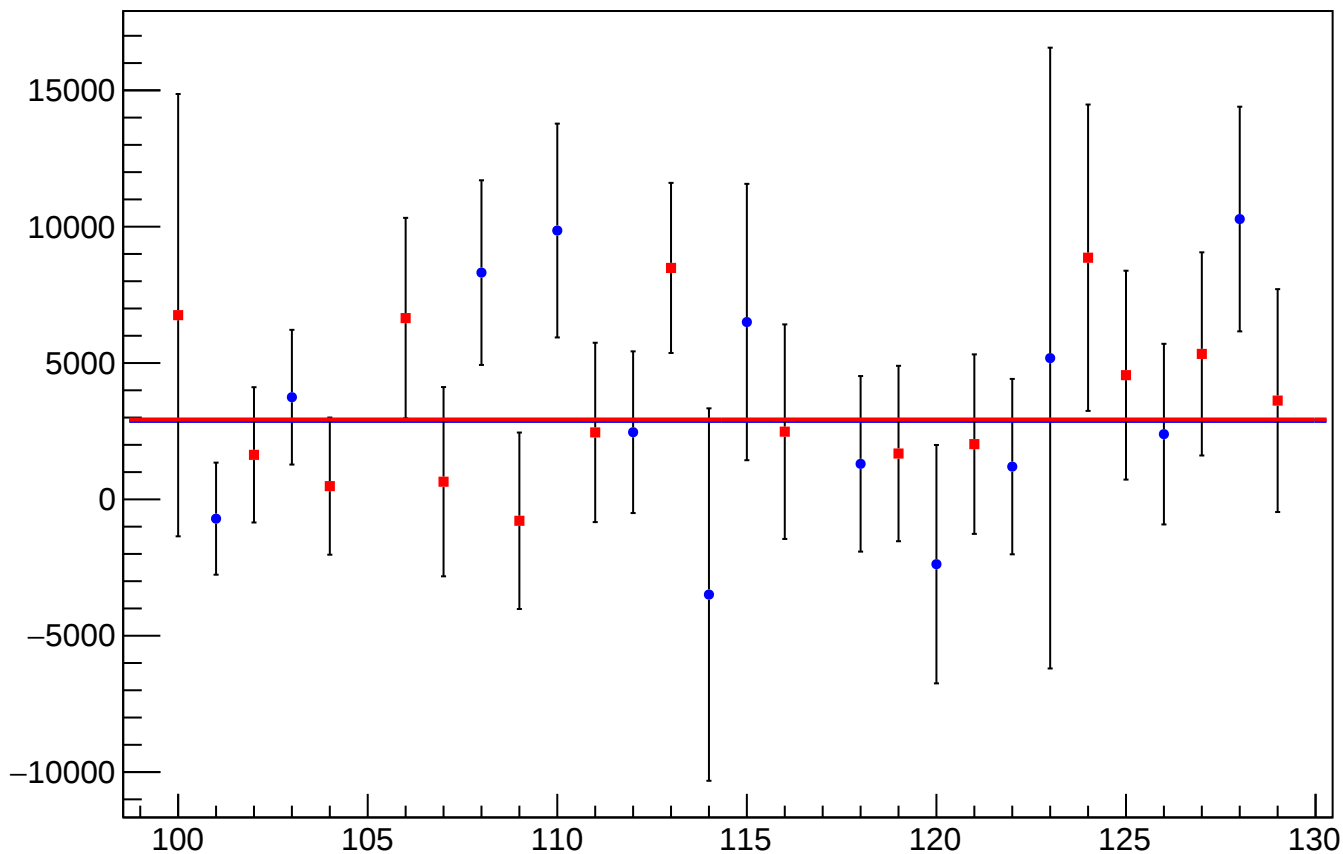
Right: 1674.926+/-0.377 χ^2/NDF : 663638.7/27

In: 1616.351+/-0.542 χ^2/NDF : 387170.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1674.926+/-0.377 χ^2/NDF : 663638.7/27

asym_usr_mean vs Slug, Sign Corrected



Right In: 2878.183+/-940.479 χ^2/NDF : 15.6/12

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

Right Out: 2929.922+/-887.686 χ^2/NDF : 9.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

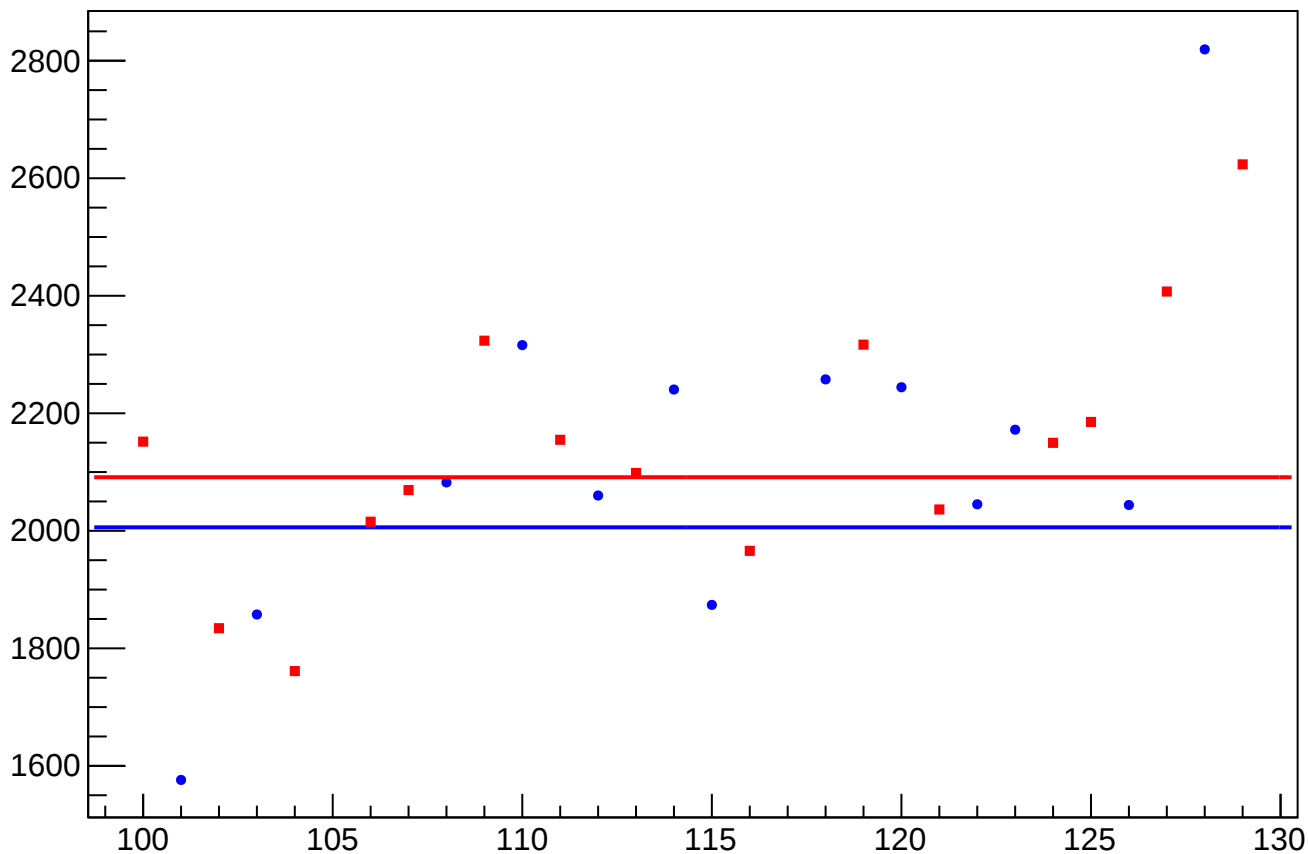
Right: 2905.546+/-645.546 χ^2/NDF : 25.0/27

In: 2878.183+/-940.479 χ^2/NDF : 15.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2905.546+/-645.546 χ^2/NDF : 25.0/27

asym_usr_rms vs Slug, Sign Corrected



Right In: 2005.944+/-0.665 χ^2/NDF : 209810.2/12

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

Right Out: 2091.192+/-0.628 χ^2/NDF : 130160.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

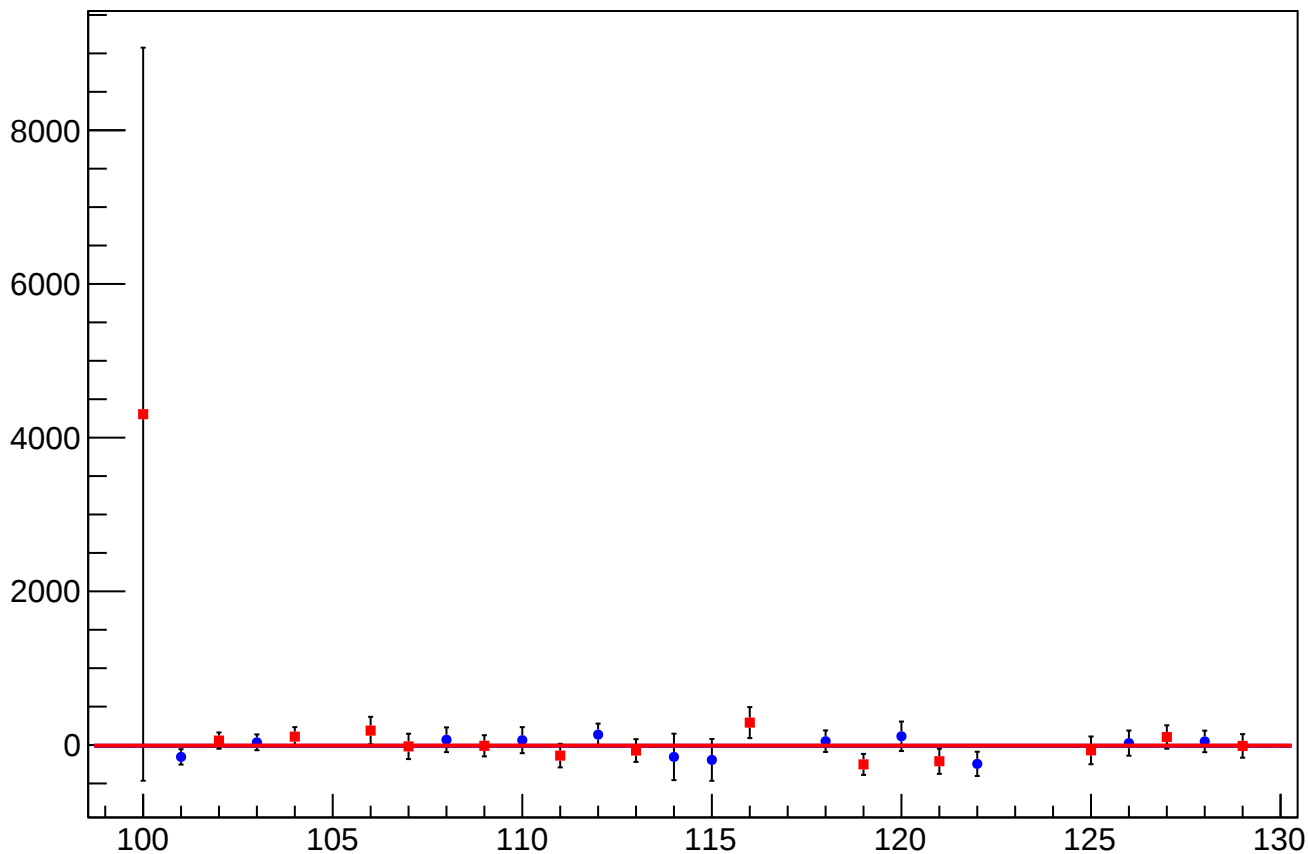
Right: 2051.028+/-0.456 χ^2/NDF : 348661.1/27

In: 2005.944+/-0.665 χ^2/NDF :209810.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2051.028+/-0.456 χ^2/NDF : 348661.1/27

reg_asym_dsl_mean vs Slug, Sign Corrected



Right In: -10.505+/-42.773 χ^2/NDF : 7.4/11

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

Right Out: -7.058+/-41.012 χ^2/NDF : 11.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

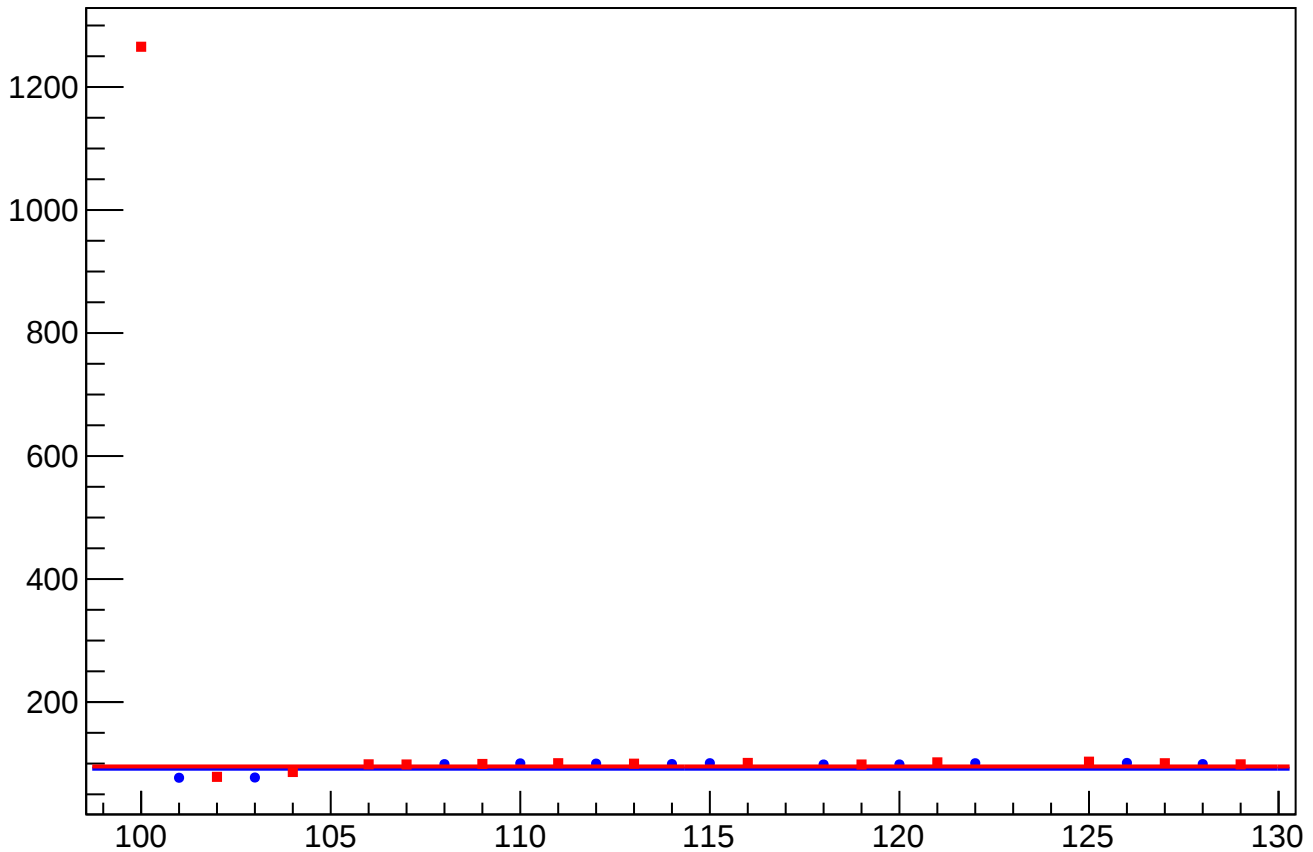
Right: -8.709+/-29.603 χ^2/NDF : 19.2/25

In: -10.505+/-42.773 χ^2/NDF : 7.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.709+/-29.603 χ^2/NDF : 19.2/25

reg_asym_dsl_rms vs Slug, Sign Corrected



Right In: 91.663+/-0.030 χ^2/NDF : 127422.5/11

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

Right Out: 95.307+/-0.029 χ^2/NDF : 202132.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

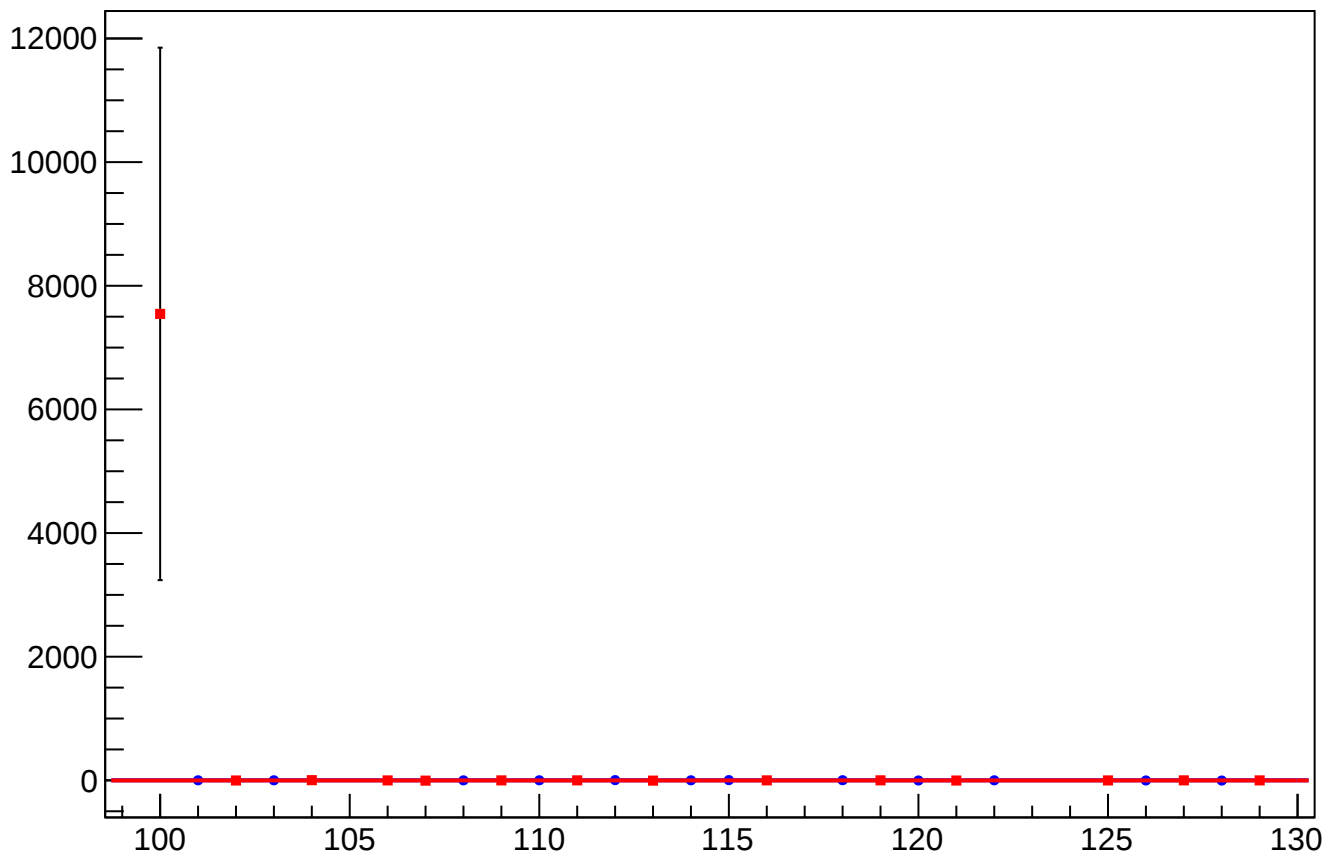
Right: 93.562+/-0.021 χ^2/NDF : 337115.1/25

In: 91.663+/-0.030 χ^2/NDF : 127422.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.562+/-0.021 χ^2/NDF : 337115.1/25

asym_dsl_correction_mean vs Slug, Sign Corrected



Right In: 0.745+/-0.710 χ^2/NDF : 5.9/11

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

Right Out: -1.093+/-0.712 χ^2/NDF : 11.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

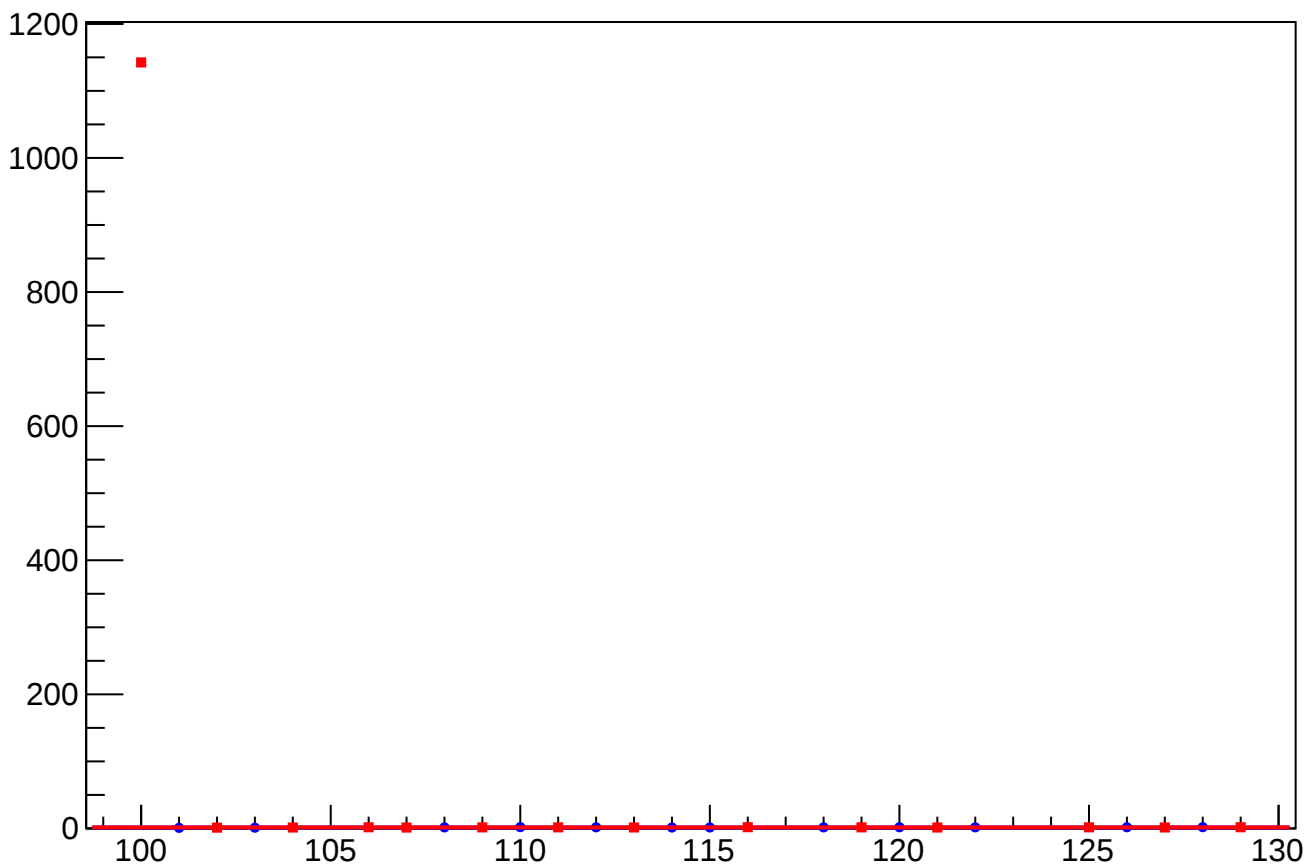
Right: -0.171+/-0.503 χ^2/NDF : 20.8/25

In: 0.745+/-0.710 χ^2/NDF : 5.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.171+/-0.503 χ^2/NDF : 20.8/25

asym_dsl_correction_rms vs Slug, Sign Corrected



Right In: 1.360+/-0.001 χ^2/NDF : 587372.8/11

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

Right Out: 1.518+/-0.001 χ^2/NDF : 275753.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

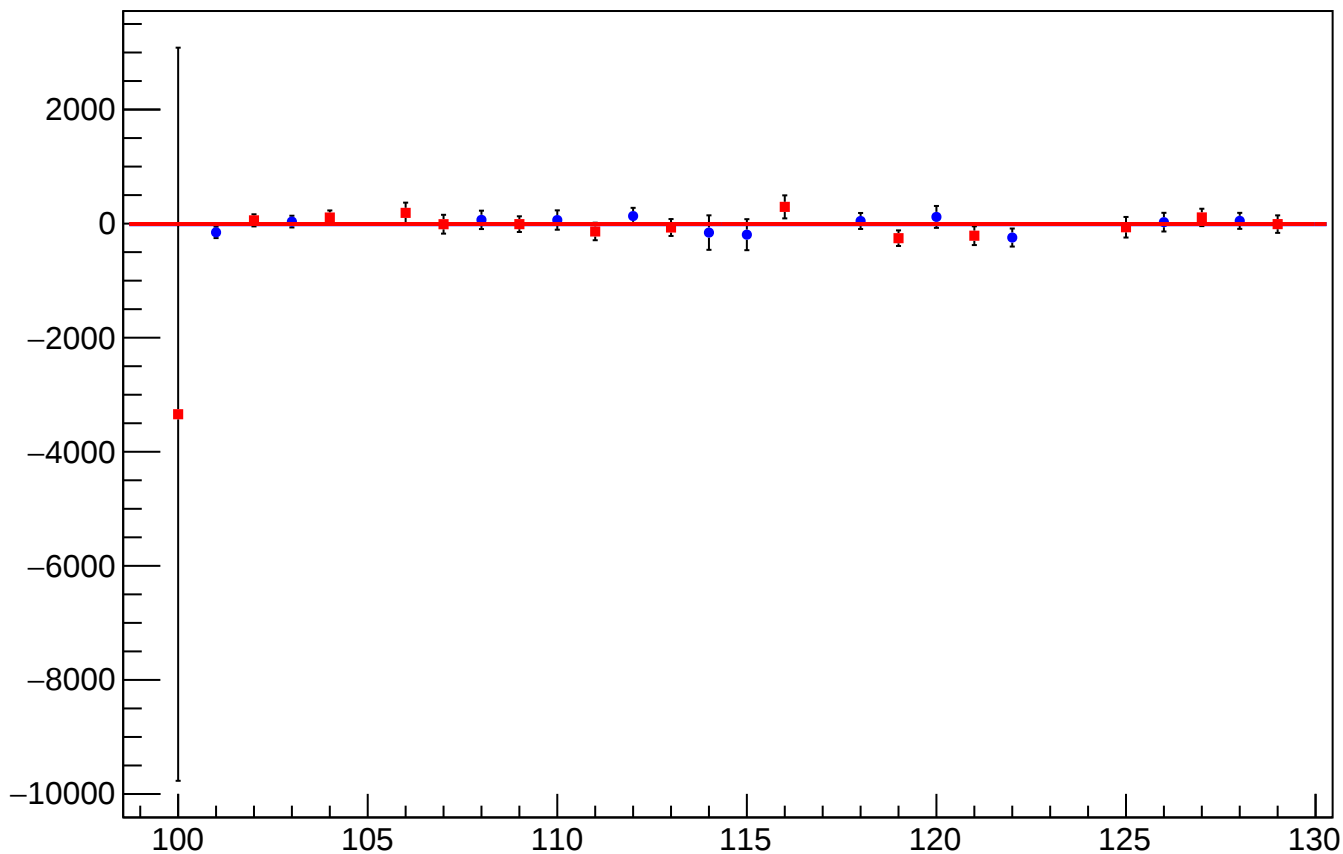
Right: 1.439+/-0.000 χ^2/NDF : 913018.4/25

In: 1.360+/-0.001 χ^2/NDF : 587372.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.439+/-0.000 χ^2/NDF : 913018.4/25

asym_dsl_mean vs Slug, Sign Corrected



Right In: -10.804+/-42.784 χ^2/NDF : 7.3/11

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

Right Out: -6.607+/-41.023 χ^2/NDF : 11.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

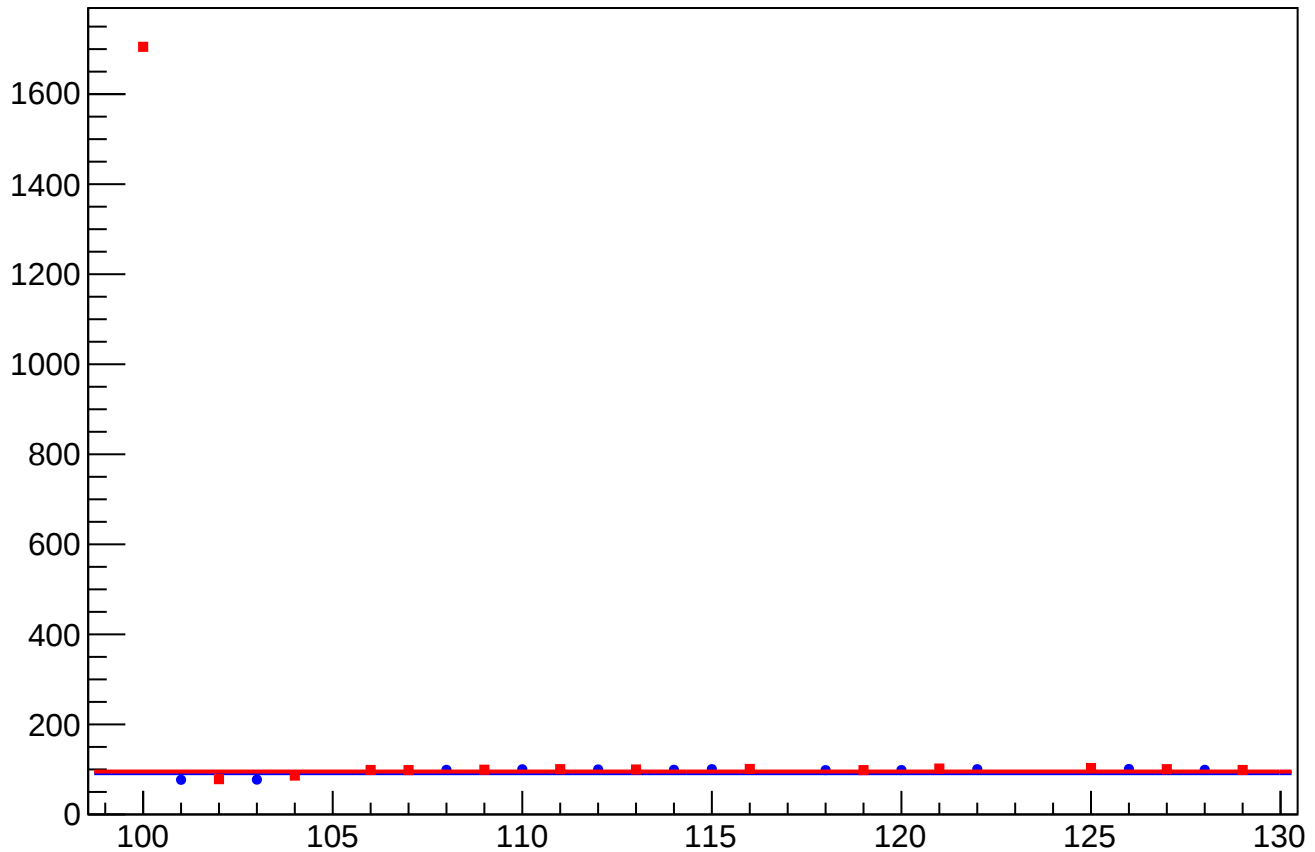
Right: -8.617+/-29.611 χ^2/NDF : 18.7/25

In: -10.804+/-42.784 χ^2/NDF : 7.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.617+/-29.611 χ^2/NDF : 18.7/25

asym_dsl_rms vs Slug, Sign Corrected



Right In: 91.687+/-0.030 χ^2/NDF : 127441.5/11

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

Right Out: 95.311+/-0.029 χ^2/NDF : 207214.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

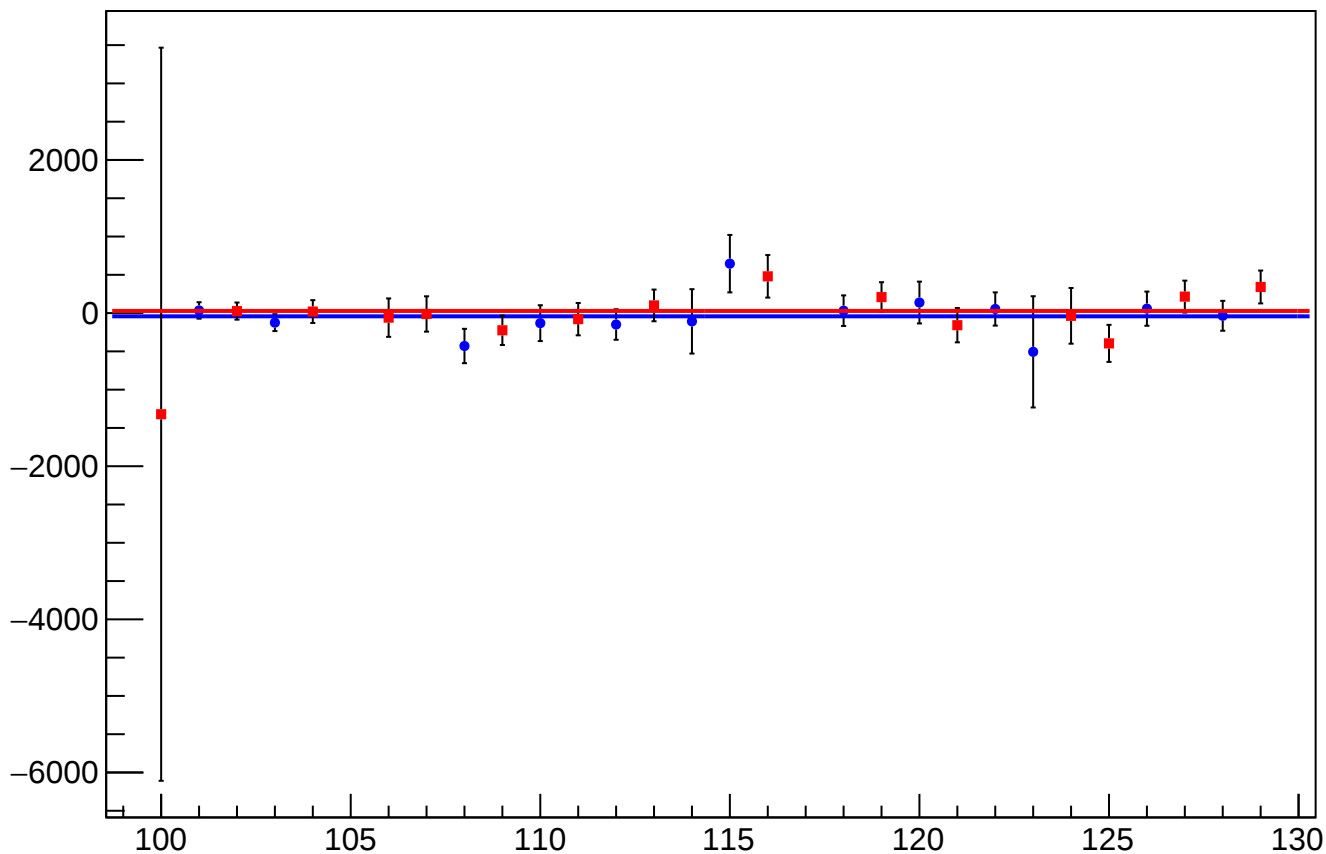
Right: 93.575+/-0.021 χ^2/NDF : 342132.8/25

In: 91.687+/-0.030 χ^2/NDF : 127441.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.575+/-0.021 χ^2/NDF : 342132.8/25

reg_asym_dsr_mean vs Slug, Sign Corrected



Right In: -42.288+/-53.209 χ^2/NDF : 9.3/12

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

Right Out: 28.138+/-52.605 χ^2/NDF : 12.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

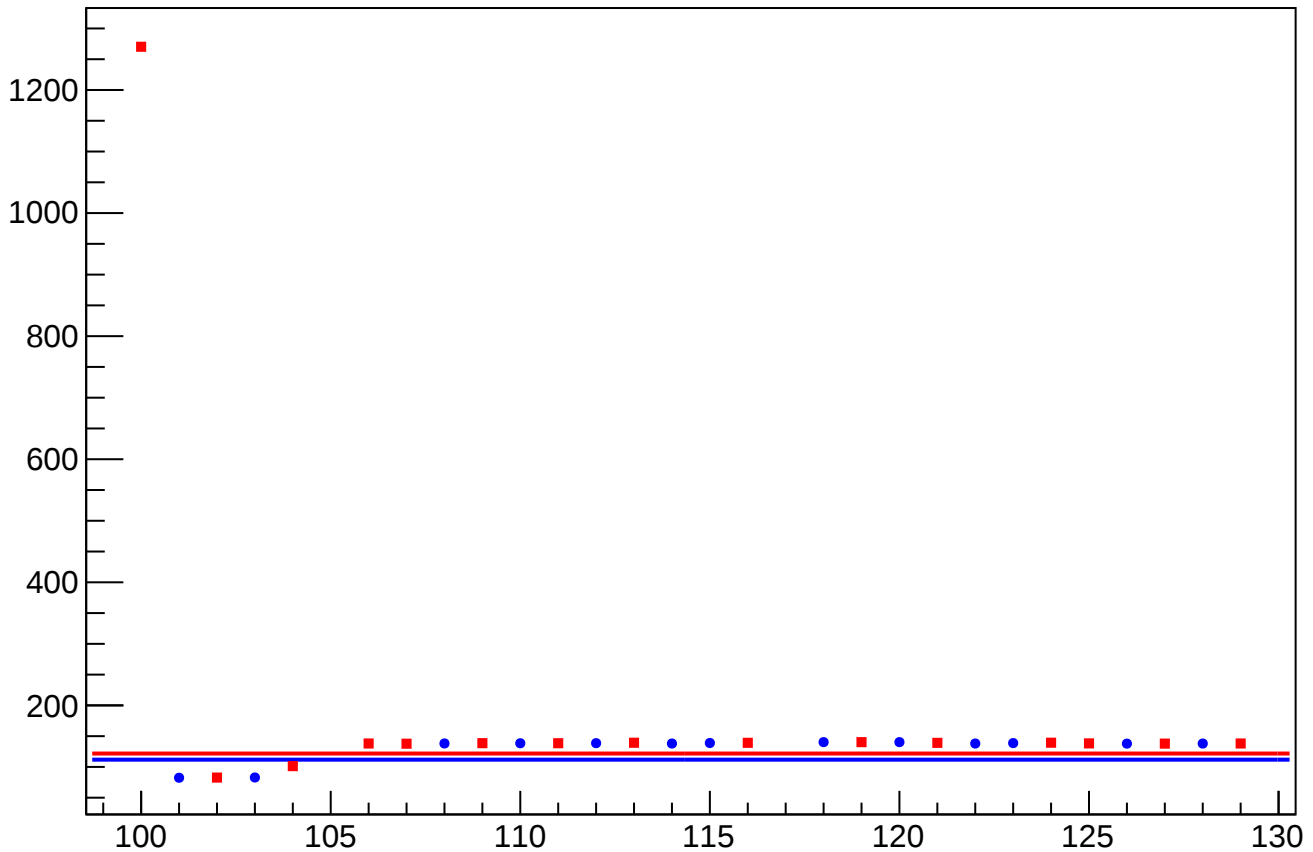
Right: -6.673+/-37.409 χ^2/NDF : 22.7/27

In: -42.288+/-53.209 χ^2/NDF : 9.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.673+/-37.409 χ^2/NDF : 22.7/27

reg_asym_dsr_rms vs Slug, Sign Corrected



Right In: 111.804 $\pm$ 0.038 χ^2 /NDF: 554169.3/12

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

Right Out: 121.767 $\pm$ 0.037 χ^2 /NDF: 533175.2/14

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

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

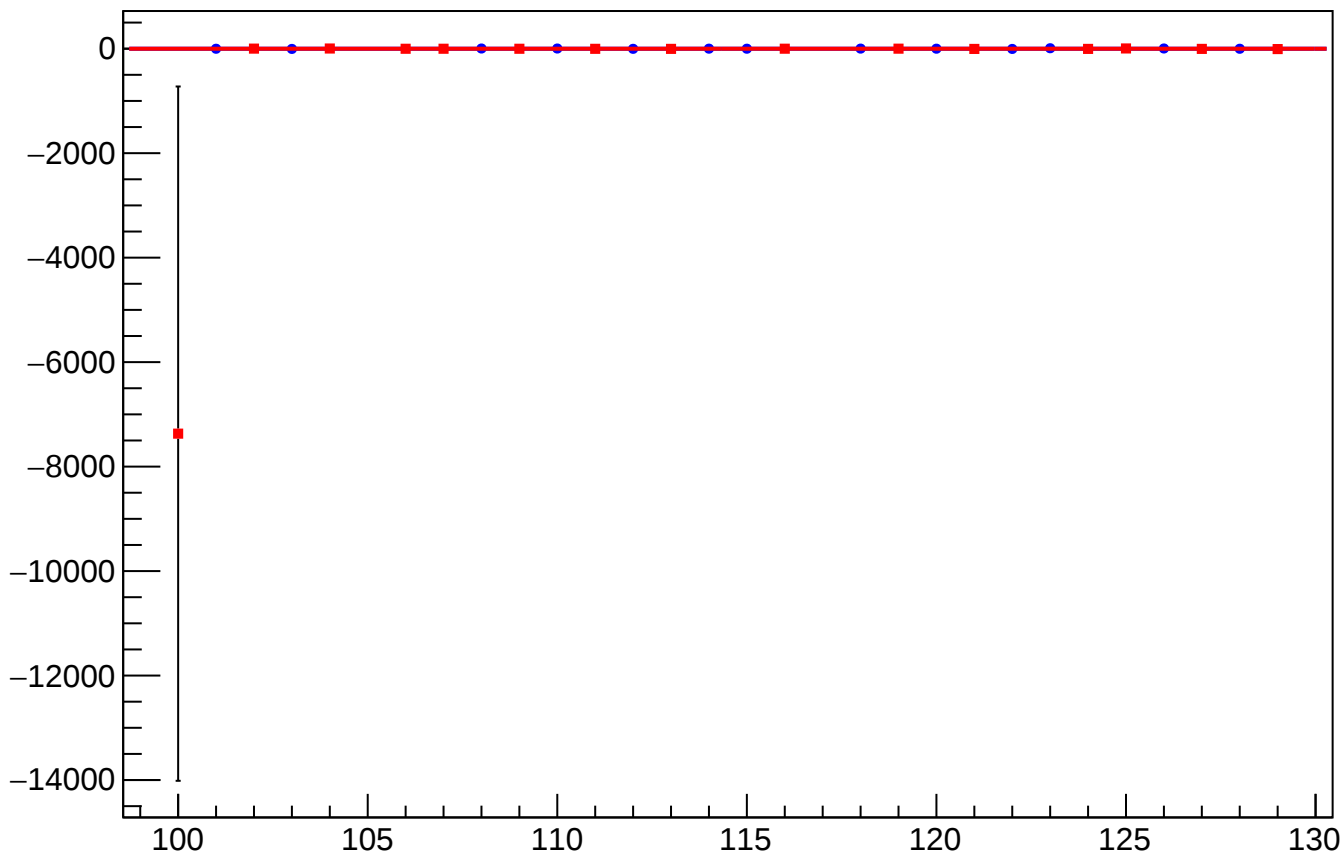
Right: 116.842 $\pm$ 0.026 χ^2 /NDF: 1122804.1/27

In: 111.804 $\pm$ 0.038 χ^2 /NDF:554169.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 116.842 $\pm$ 0.026 χ^2 /NDF: 1122804.1/27

asym_dsr_correction_mean vs Slug, Sign Corrected



Right In: -0.861+/-0.918 χ^2/NDF : 10.0/12

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

Right Out: -0.588+/-0.935 χ^2/NDF : 12.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

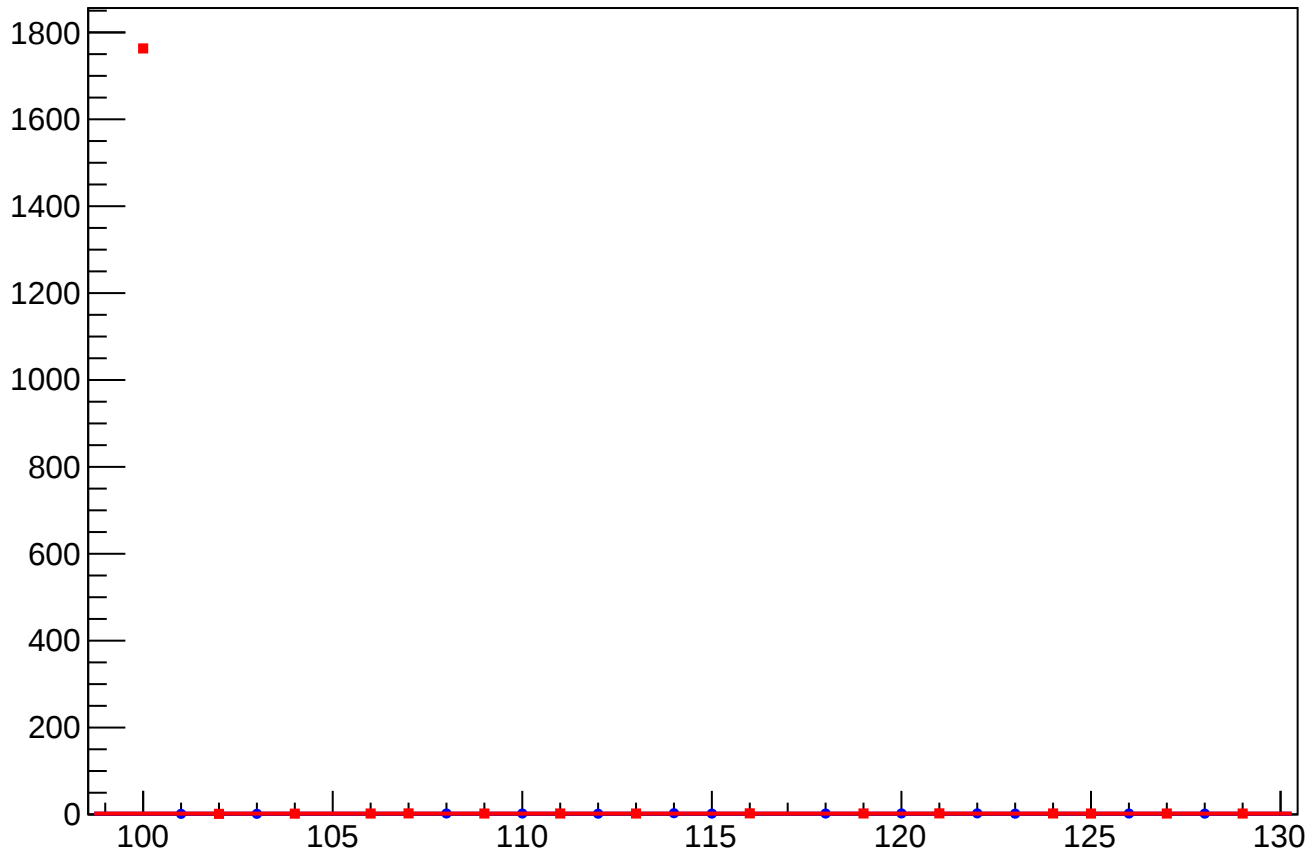
Right: -0.727+/-0.655 χ^2/NDF : 22.2/27

In: -0.861+/-0.918 χ^2/NDF : 10.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.727+/-0.655 χ^2/NDF : 22.2/27

asym_dsr_correction_rms vs Slug, Sign Corrected



Right In: 1.775+/-0.001 χ^2/NDF : 346719.1/12

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

Right Out: 2.009+/-0.001 χ^2/NDF : 459829.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

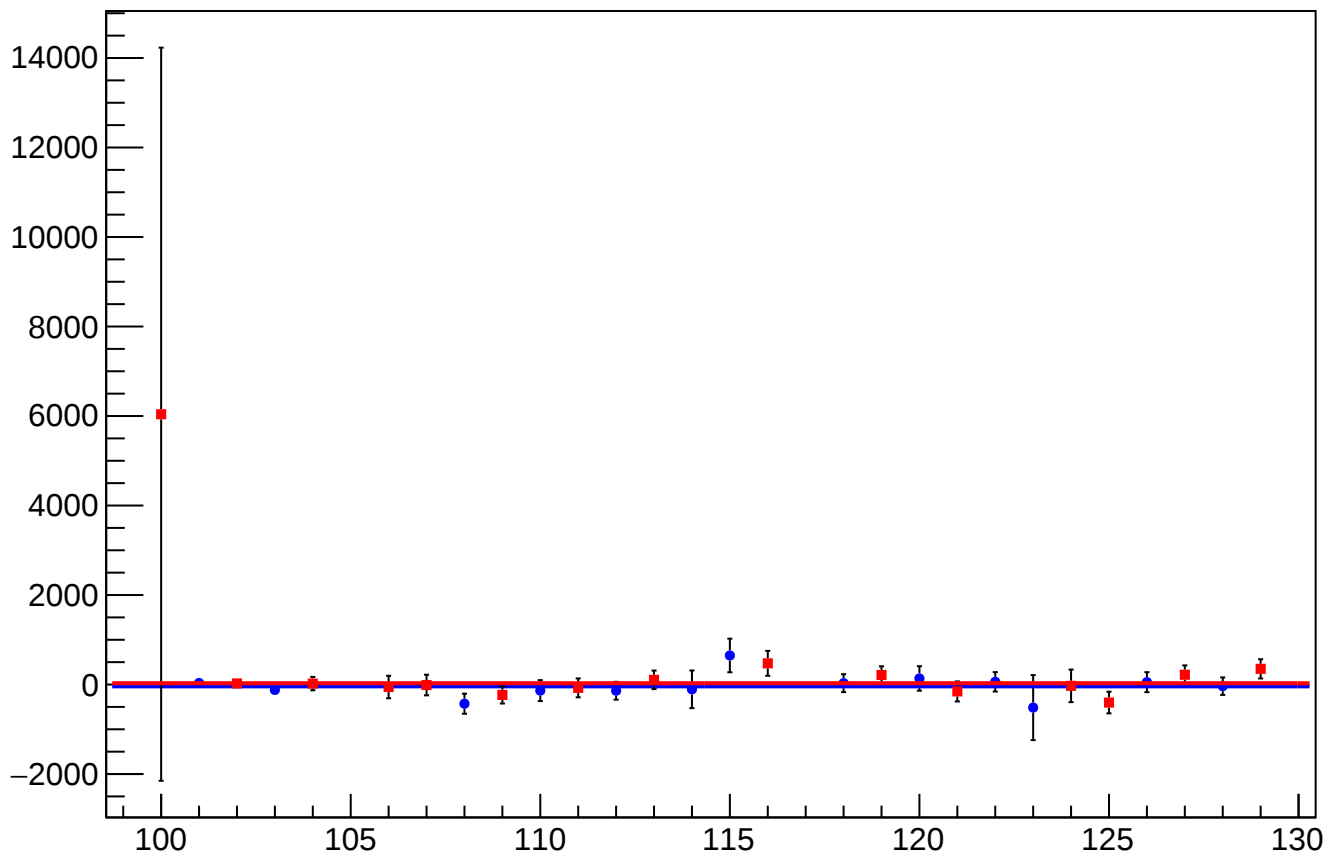
Right: 1.890+/-0.000 χ^2/NDF : 870592.2/27

In: 1.775+/-0.001 χ^2/NDF : 346719.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.890+/-0.000 χ^2/NDF : 870592.2/27

asym_dsr_mean vs Slug, Sign Corrected



Right In: -40.715+/-53.223 χ^2/NDF : 9.2/12

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

Right Out: 29.368+/-52.621 χ^2/NDF : 13.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

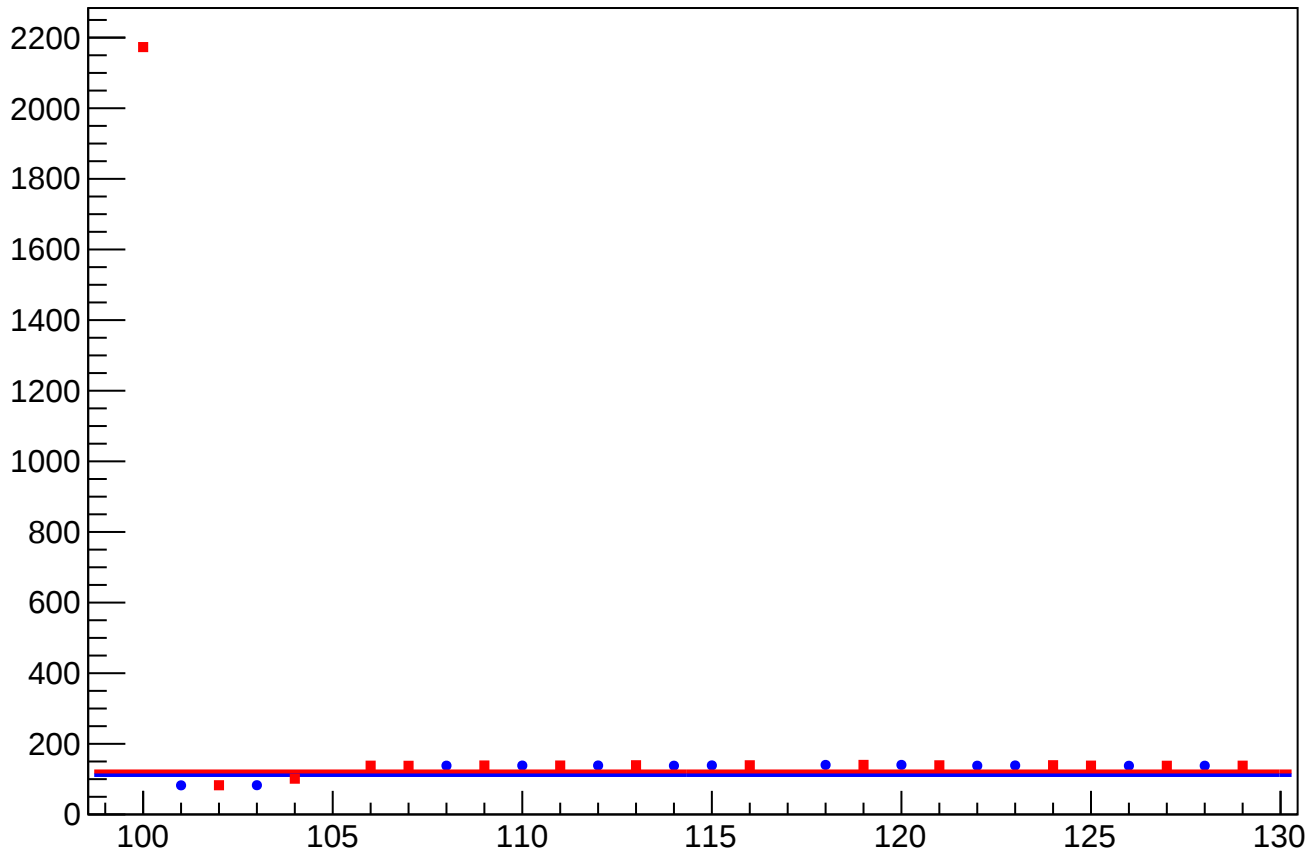
Right: -5.275+/-37.420 χ^2/NDF : 23.4/27

In: -40.715+/-53.223 χ^2/NDF :9.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.275+/-37.420 χ^2/NDF : 23.4/27

asym_dsr_rms vs Slug, Sign Corrected



Right In: 111.834+/-0.038 χ^2/NDF : 554185.5/12

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

Right Out: 121.745+/-0.037 χ^2/NDF : 543516.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

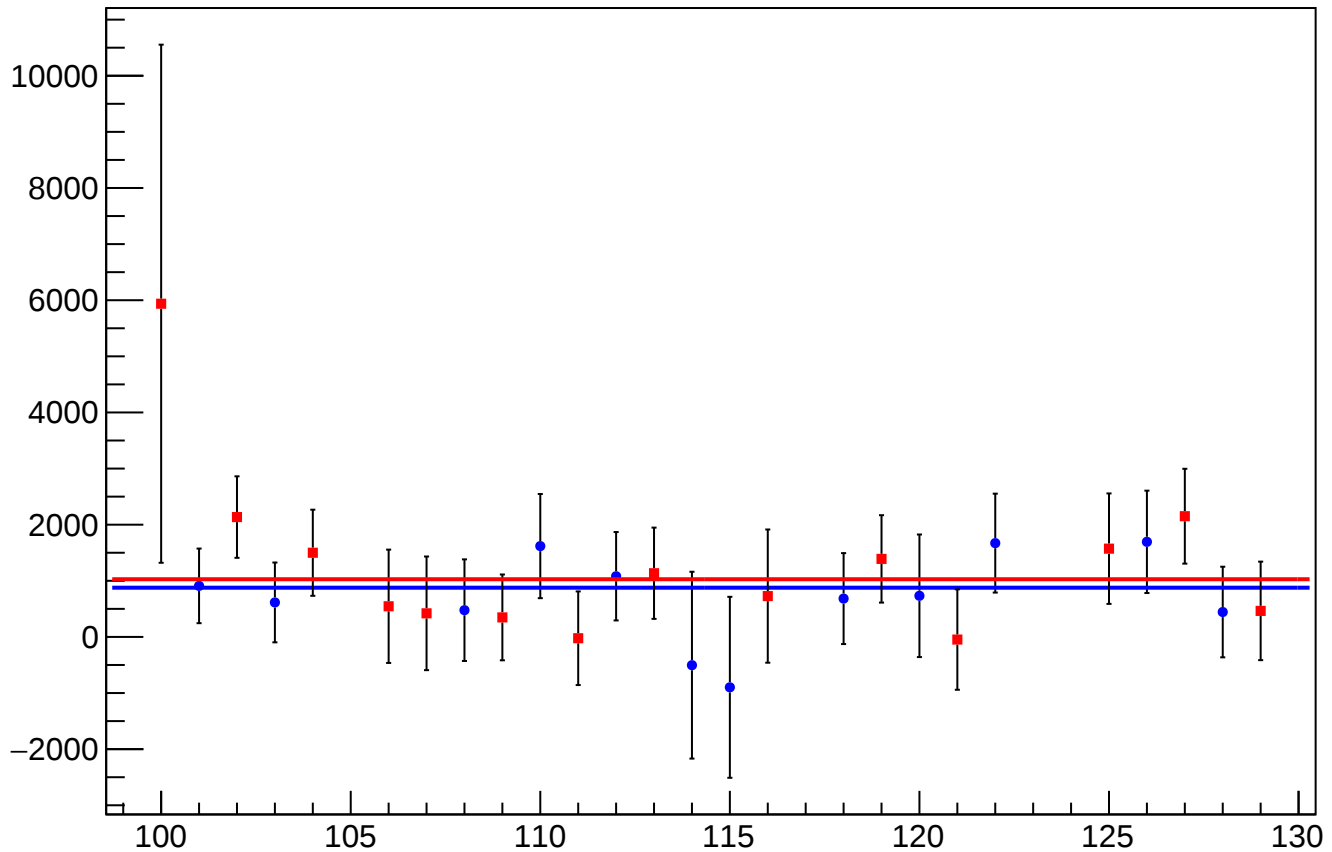
Right: 116.846+/-0.026 χ^2/NDF : 1132776.8/27

In: 111.834+/-0.038 χ^2/NDF : 554185.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.846+/-0.026 χ^2/NDF : 1132776.8/27

reg_asym_left_avg_mean vs Slug, Sign Corrected



Right In: 877.121+/-255.115 χ^2/NDF : 4.9/11

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

Right Out: 1028.010+/-238.392 χ^2/NDF : 11.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

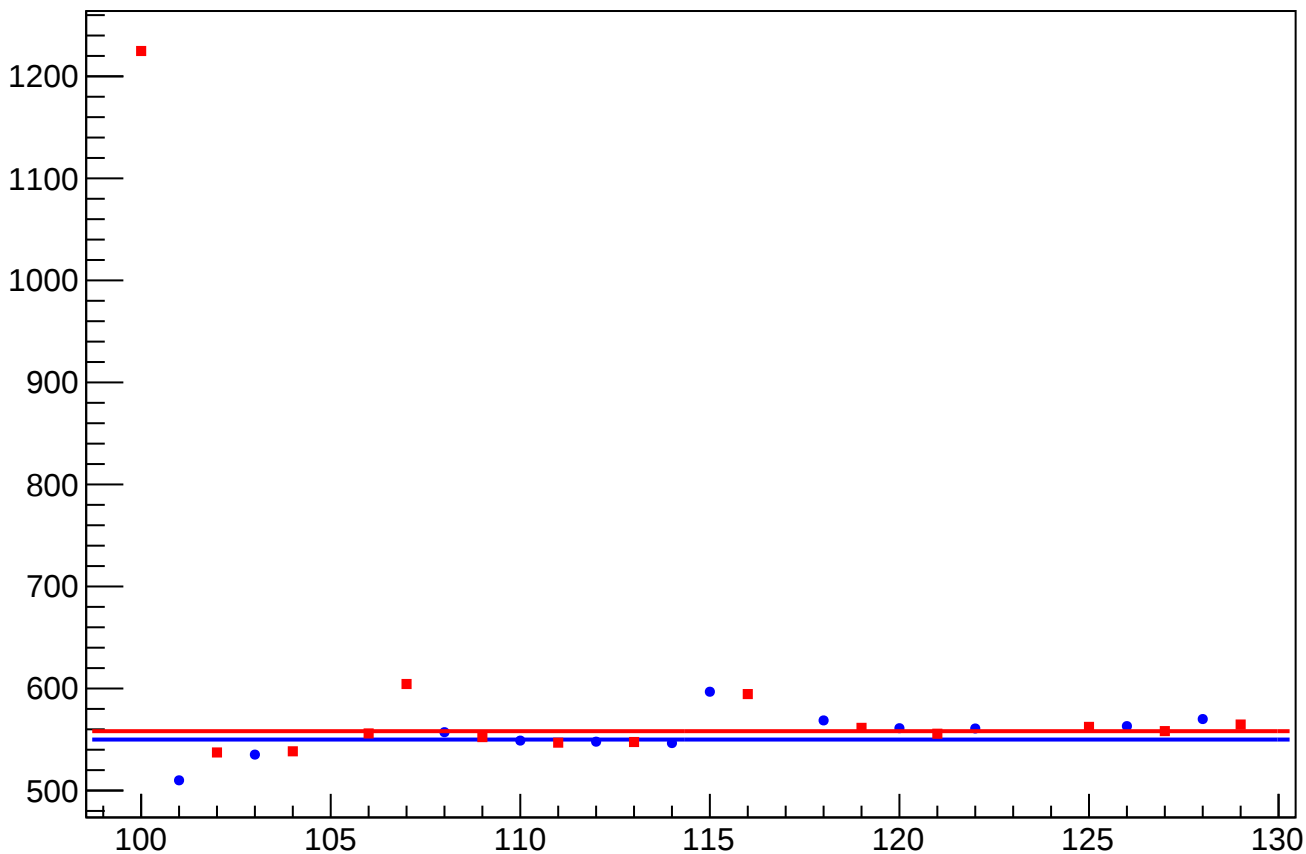
Right: 957.673+/-174.181 χ^2/NDF : 16.1/25

In: 877.121+/-255.115 χ^2/NDF : 4.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 957.673+/-174.181 χ^2/NDF : 16.1/25

reg_asym_left_avg_rms vs Slug, Sign Corrected



Right In: 549.965+/-0.180 χ^2/NDF : 13166.5/11

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

Right Out: 558.173+/-0.169 χ^2/NDF : 51758.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

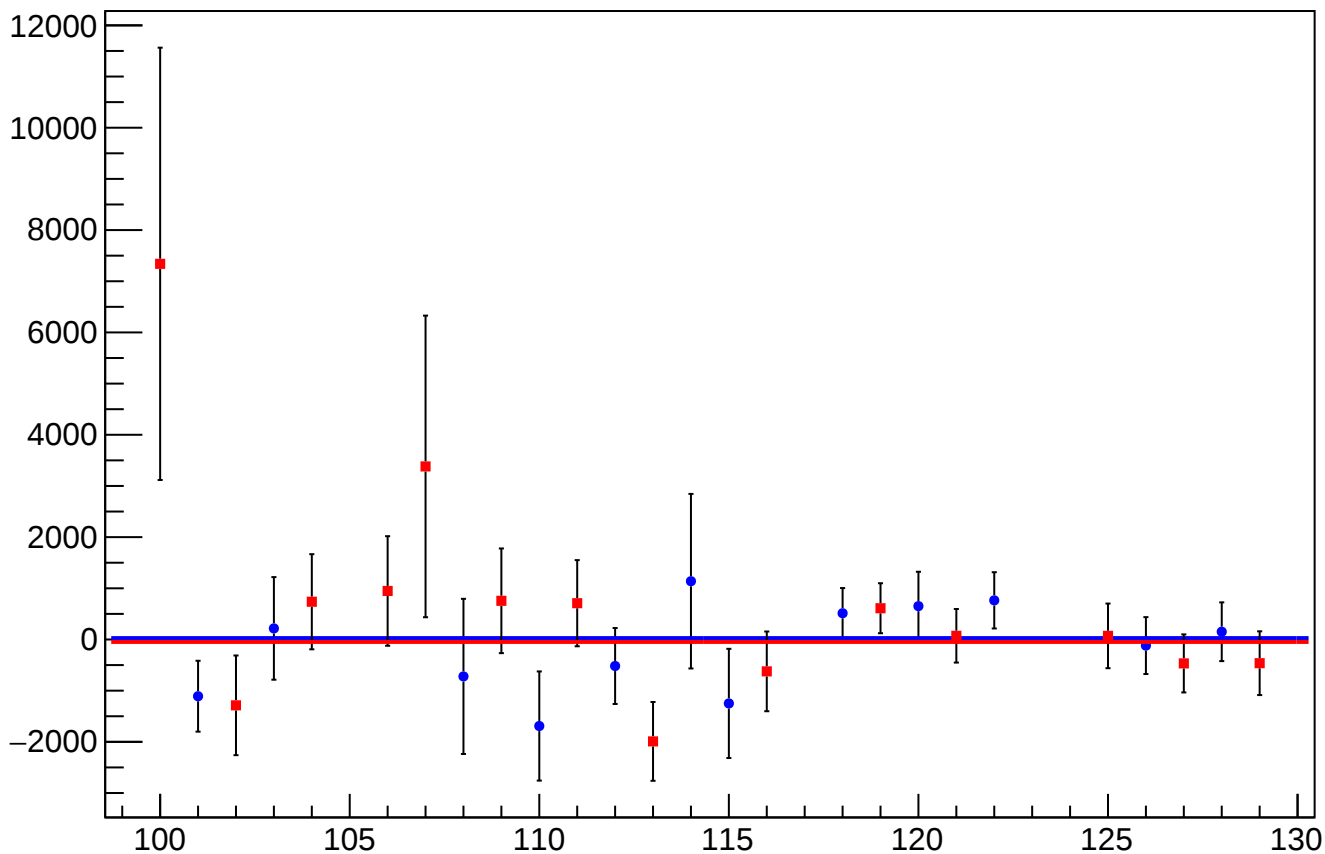
Right: 554.347+/-0.123 χ^2/NDF : 66030.4/25

In: 549.965+/-0.180 χ^2/NDF : 13166.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 554.347+/-0.123 χ^2/NDF : 66030.4/25

asym_left_avg_correction_mean vs Slug, Sign Corrected



Right In: 27.087+/-206.856 χ^2 /NDF: 11.7/11

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

Right Out: -47.445+/-200.029 χ^2 /NDF: 18.9/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

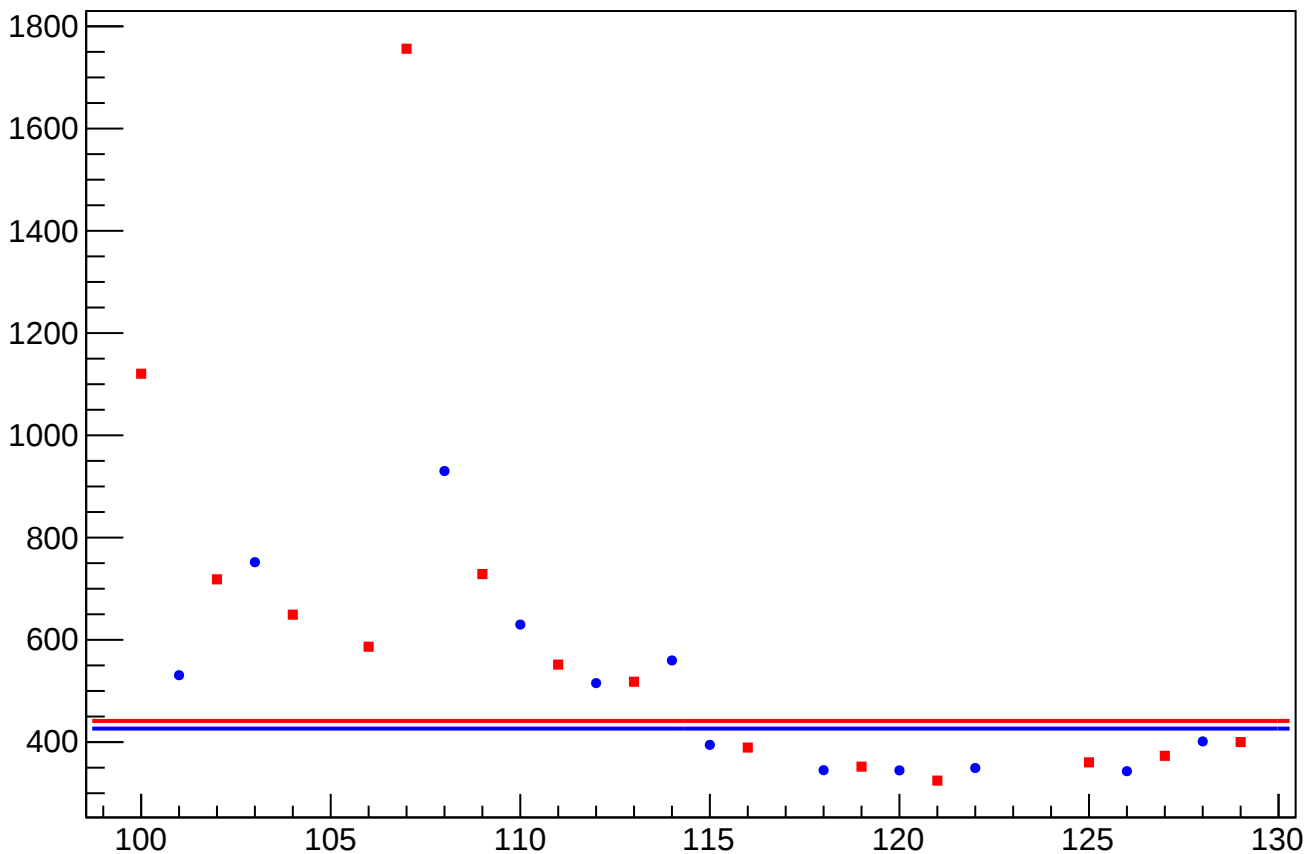
Right: -11.429+/-143.795 χ^2 /NDF: 30.6/25

In: 27.087+/-206.856 χ^2 /NDF:11.7/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -11.429+/-143.795 χ^2 /NDF: 30.6/25

asym_left_avg_correction_rms vs Slug, Sign Corrected



Right In: 426.435+/-0.146 χ^2/NDF : 765343.2/11

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

Right Out: 441.405+/-0.141 χ^2/NDF : 1206229.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

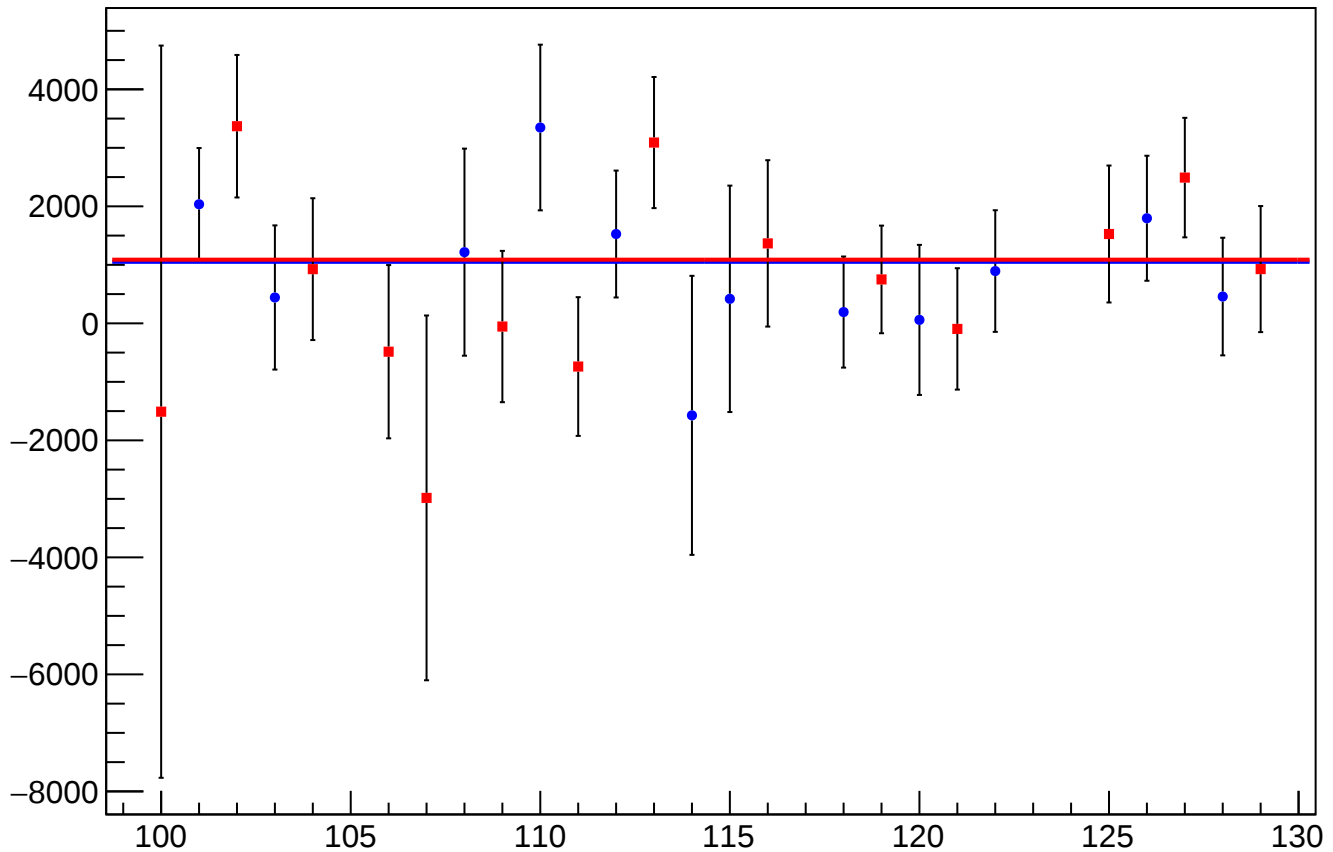
Right: 434.171+/-0.102 χ^2/NDF : 1976985.8/25

In: 426.435+/-0.146 χ^2/NDF : 765343.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 434.171+/-0.102 χ^2/NDF : 1976985.8/25

asym_left_avg_mean vs Slug, Sign Corrected



Right In: 1051.477+/-345.832 χ^2/NDF : 7.7/11

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

Right Out: 1088.502+/-329.688 χ^2/NDF : 16.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

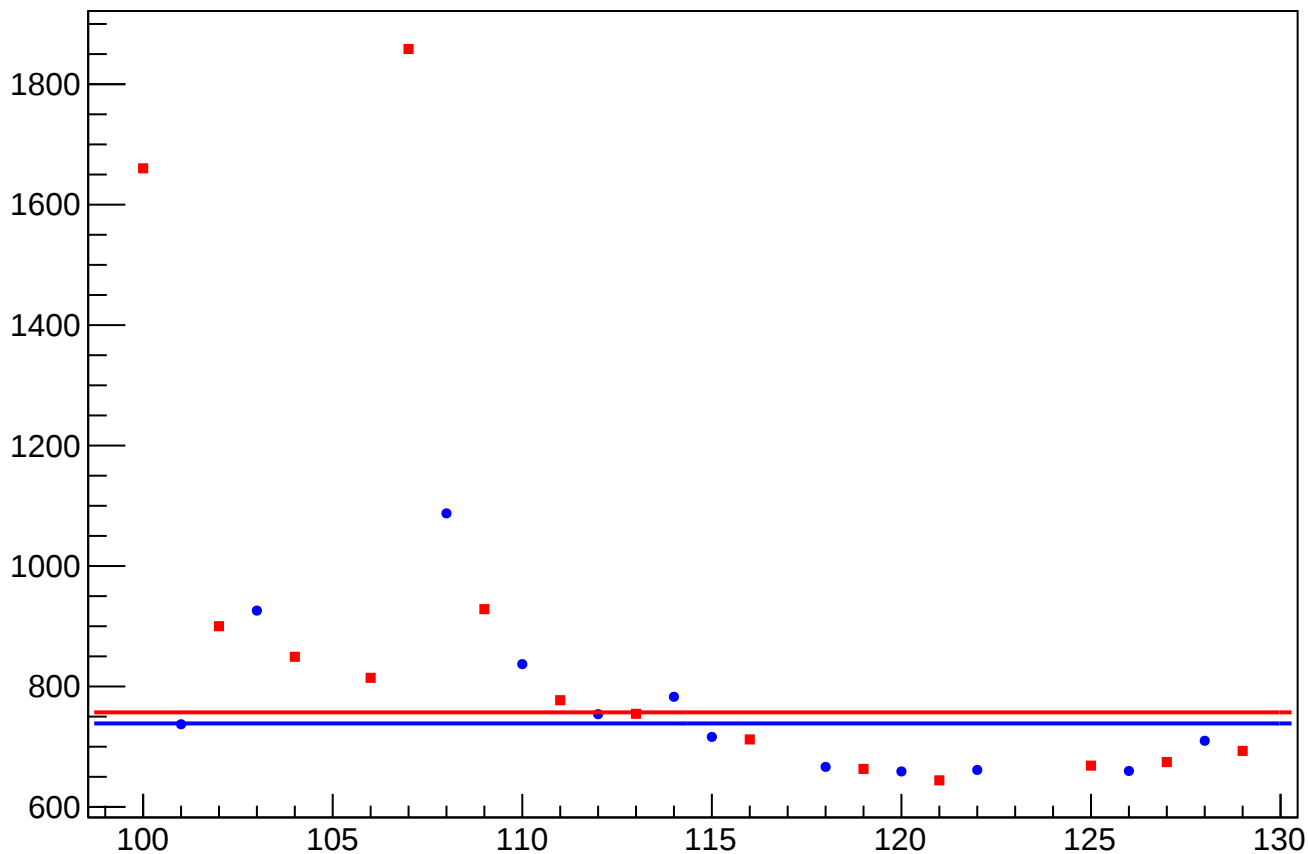
Right: 1070.874+/-238.628 χ^2/NDF : 24.1/25

In: 1051.477+/-345.832 χ^2/NDF : 7.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1070.874+/-238.628 χ^2/NDF : 24.1/25

asym_left_avg_rms vs Slug, Sign Corrected



Right In: 738.608+/-0.245 χ^2/NDF : 177792.3/11

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

Right Out: 757.033+/-0.233 χ^2/NDF : 447166.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

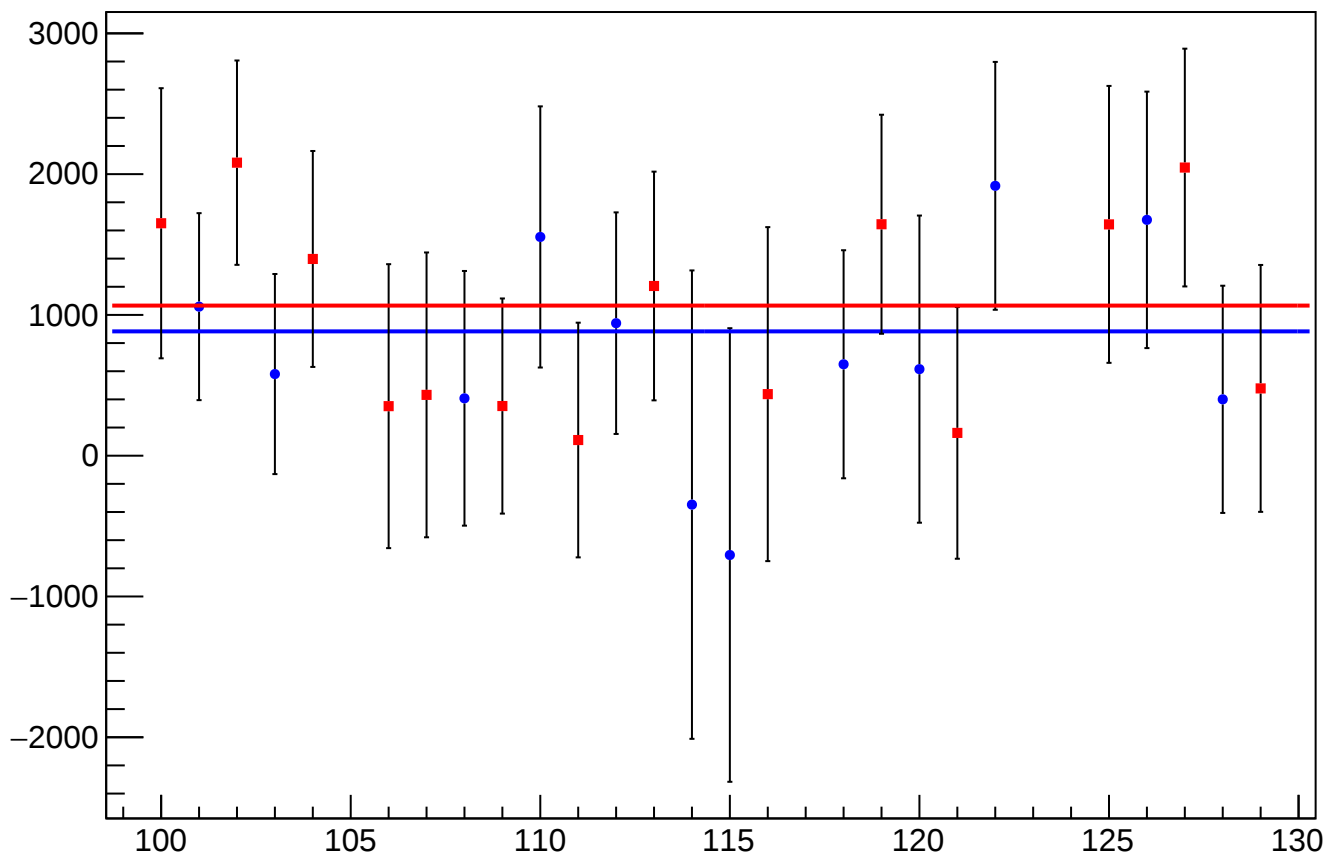
Right: 748.261+/-0.169 χ^2/NDF : 627932.8/25

In: 738.608+/-0.245 χ^2/NDF : 177792.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 748.261+/-0.169 χ^2/NDF : 627932.8/25

reg_asym_left_dd_mean vs Slug, Sign Corrected



Right In: 883.092 $\pm$ 254.914 χ^2 /NDF: 5.2/11

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

Right Out: 1066.285 $\pm$ 231.470 χ^2 /NDF: 9.6/13

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

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

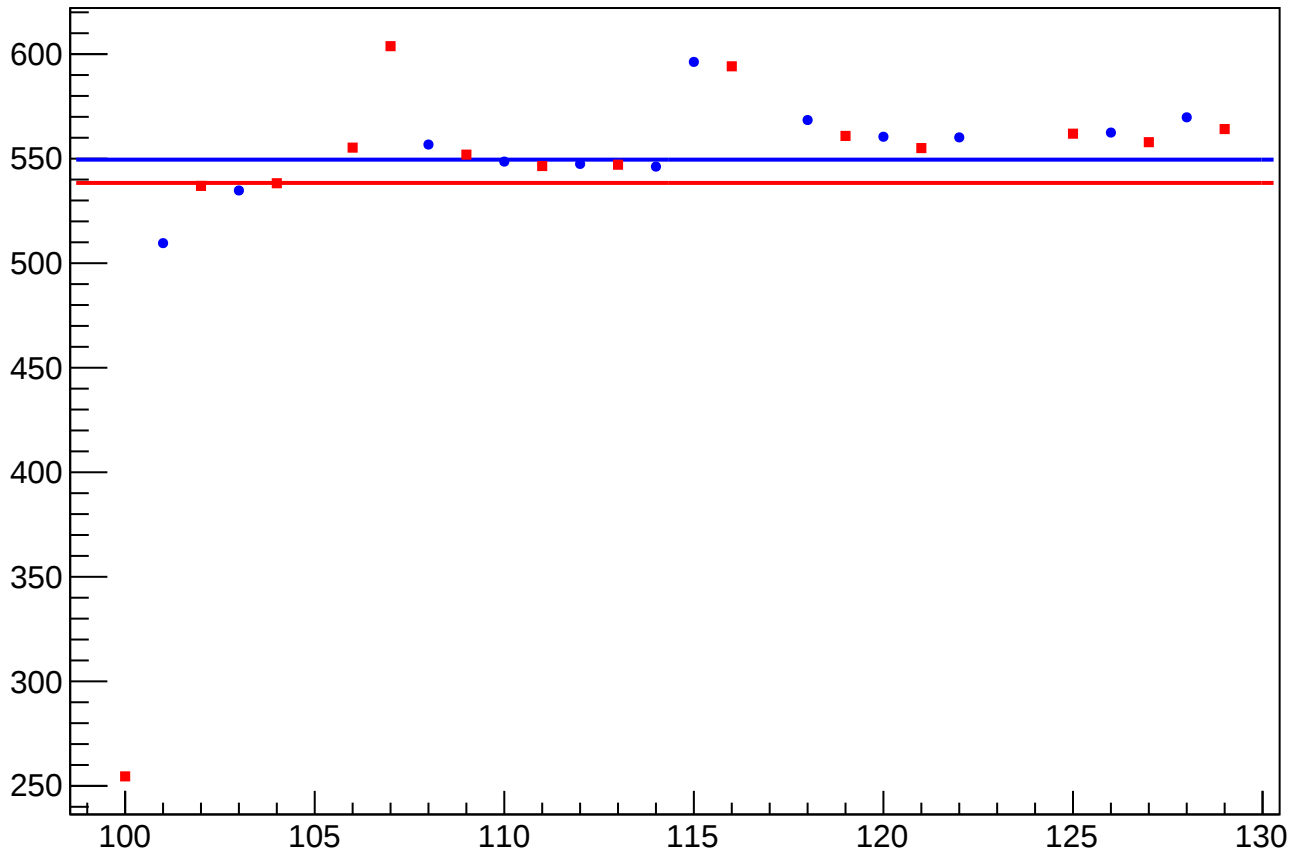
Right: 983.498 $\pm$ 171.364 χ^2 /NDF: 15.1/25

In: 883.092 $\pm$ 254.914 χ^2 /NDF:5.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 983.498 $\pm$ 171.364 χ^2 /NDF: 15.1/25

reg_asym_left_dd_rms vs Slug, Sign Corrected



Right In: 549.531+/-0.180 χ^2/NDF : 13179.4/11

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

Right Out: 538.396+/-0.164 χ^2/NDF : 195764.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

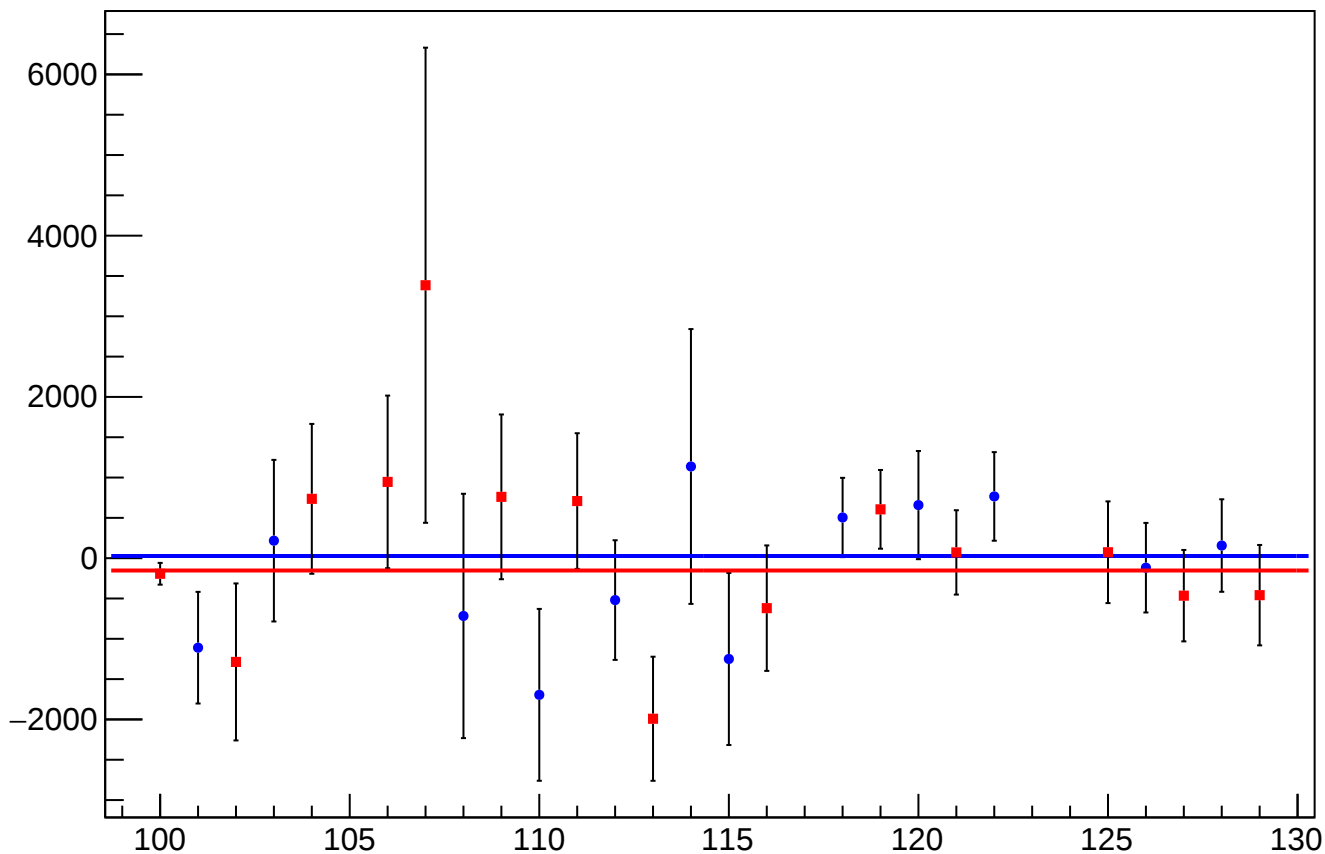
Right: 543.428+/-0.121 χ^2/NDF : 211035.5/25

In: 549.531+/-0.180 χ^2/NDF : 13179.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 543.428+/-0.121 χ^2/NDF : 211035.5/25

asym_left_dd_correction_mean vs Slug, Sign Corrected



Right In: 26.925+/-206.768 χ^2/NDF : 11.7/11

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

Right Out: -152.926+/-111.901 χ^2/NDF : 16.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

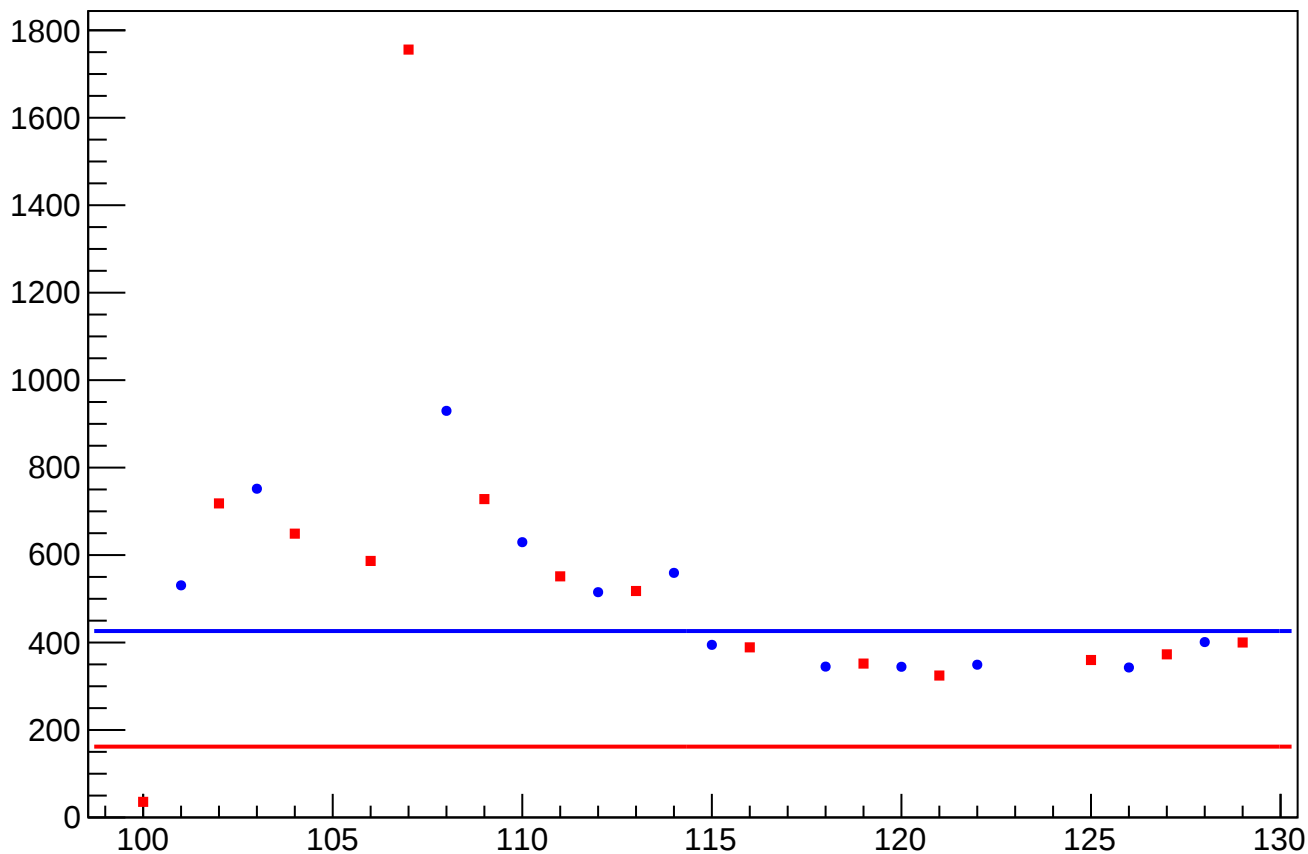
Right: -112.183+/-98.413 χ^2/NDF : 28.4/25

In: 26.925+/-206.768 χ^2/NDF : 11.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -112.183+/-98.413 χ^2/NDF : 28.4/25

asym_left_dd_correction_rms vs Slug, Sign Corrected



Right In: 426.258+/-0.146 χ^2/NDF : 765342.6/11

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

Right Out: 161.952+/-0.079 χ^2/NDF : 6755174.5/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

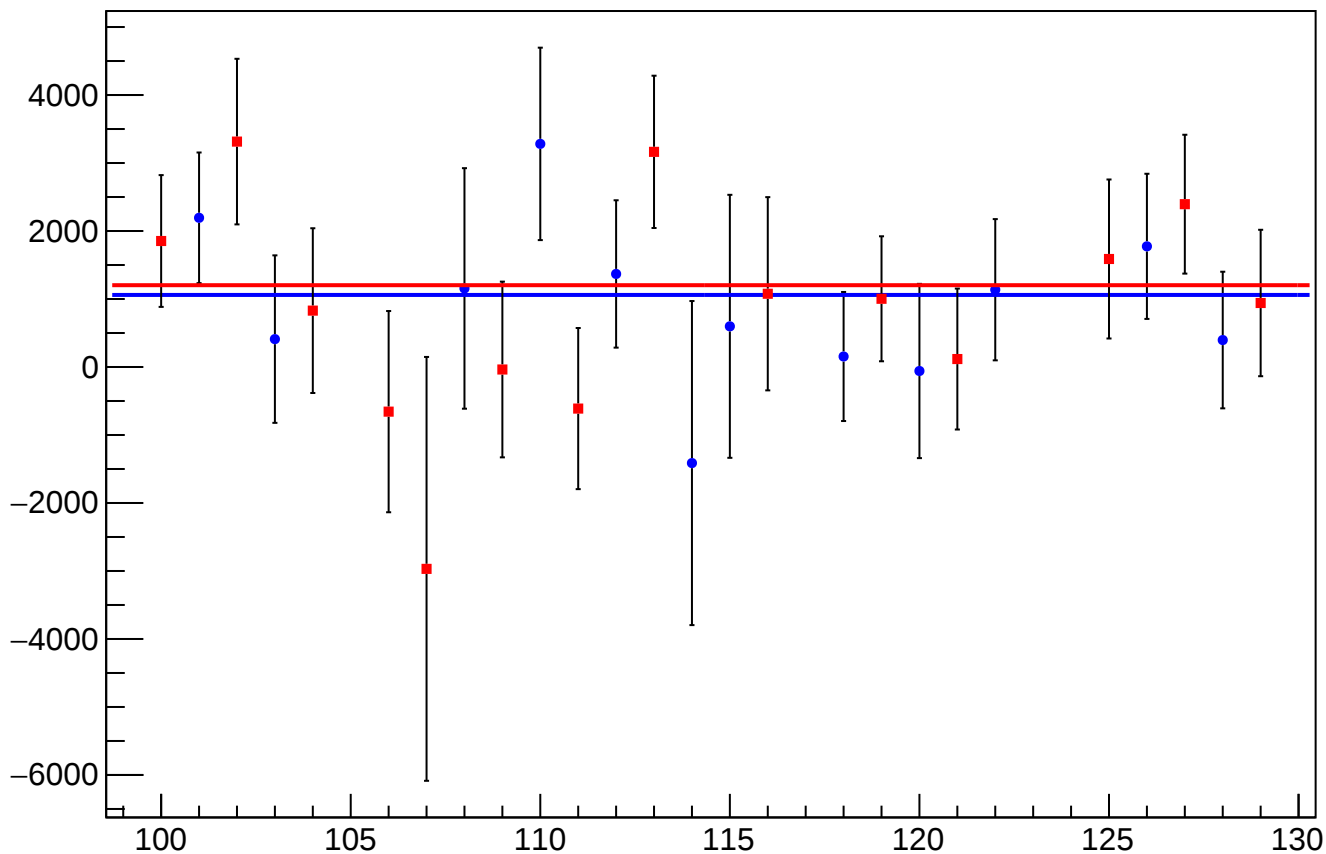
Right: 221.828+/-0.070 χ^2/NDF : 10048158.3/25

In: 426.258+/-0.146 χ^2/NDF :765342.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 221.828+/-0.070 χ^2/NDF : 10048158.3/25

asym_left_dd_mean vs Slug, Sign Corrected



Right In: 1059.732+/-345.604 χ^2/NDF : 7.9/11

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

Right Out: 1203.083+/-312.316 χ^2/NDF : 15.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

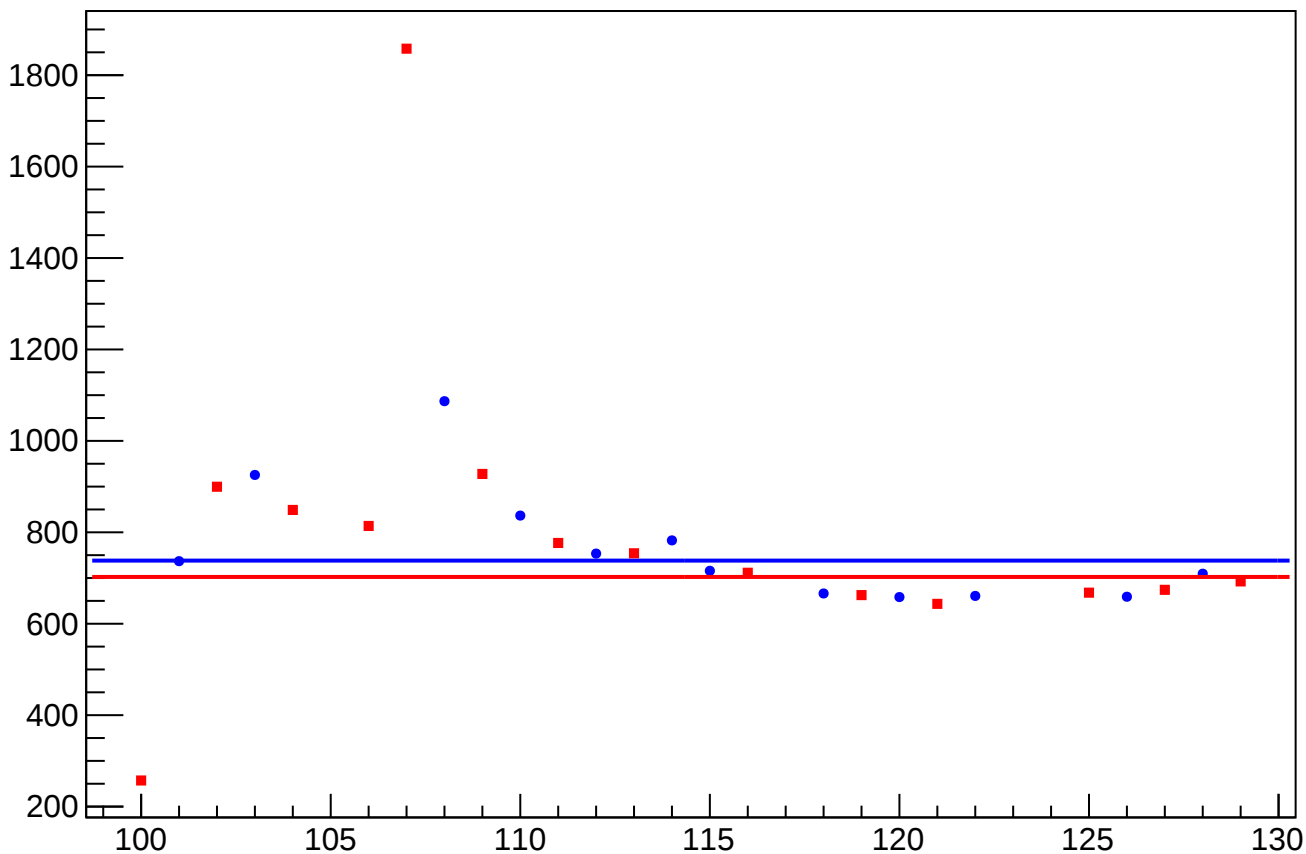
Right: 1138.642+/-231.718 χ^2/NDF : 24.0/25

In: 1059.732+/-345.604 χ^2/NDF : 7.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1138.642+/-231.718 χ^2/NDF : 24.0/25

asym_left_dd_rms vs Slug, Sign Corrected



Right In: 738.114+/-0.244 χ^2/NDF : 177970.9/11

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

Right Out: 702.378+/-0.221 χ^2/NDF : 876922.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

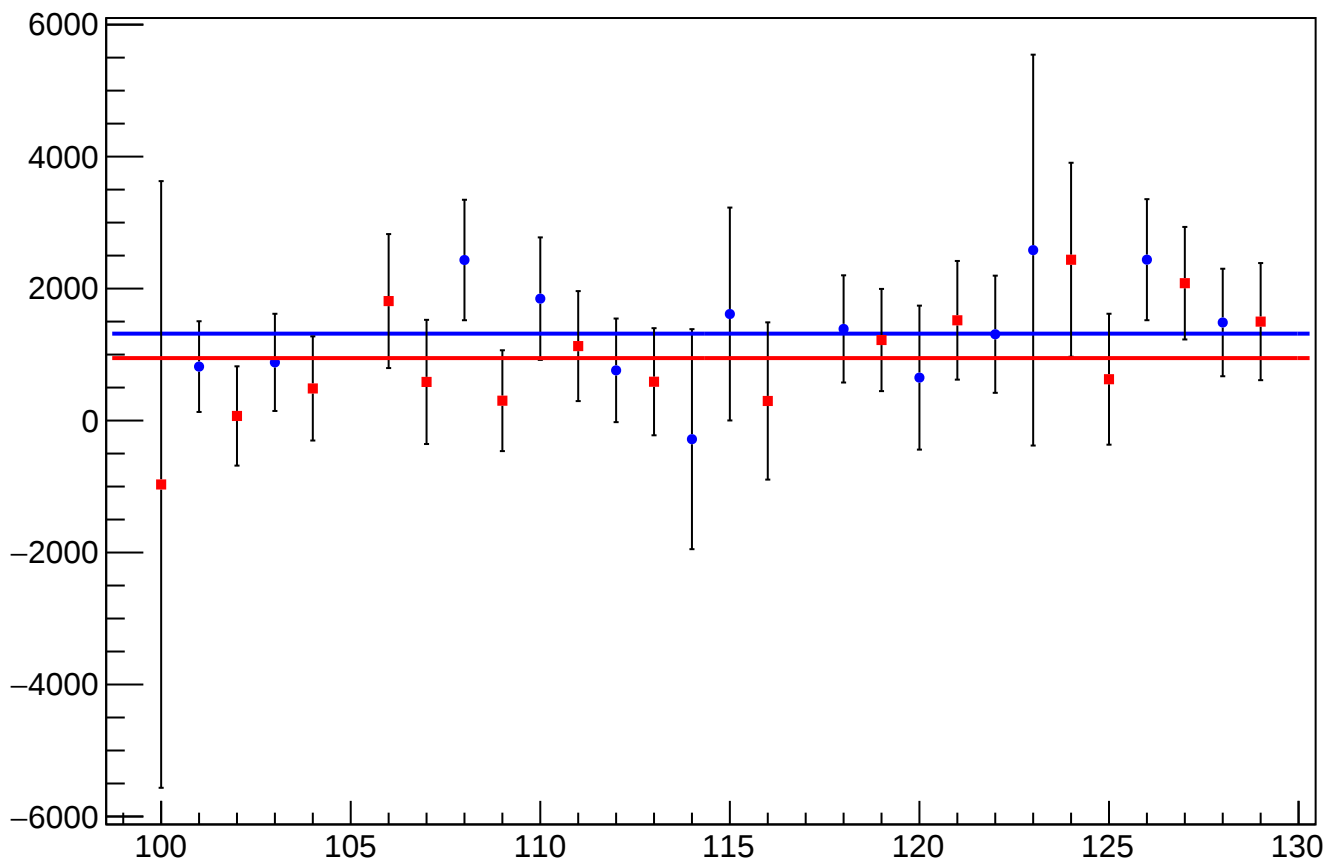
Right: 718.442+/-0.164 χ^2/NDF : 1066664.5/25

In: 738.114+/-0.244 χ^2/NDF : 177970.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 718.442+/-0.164 χ^2/NDF : 1066664.5/25

reg_asym_right_avg_mean vs Slug, Sign Corrected



Right In: 1317.123+/-257.161 χ^2/NDF : 6.3/12

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

Right Out: 946.619+/-236.213 χ^2/NDF : 7.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

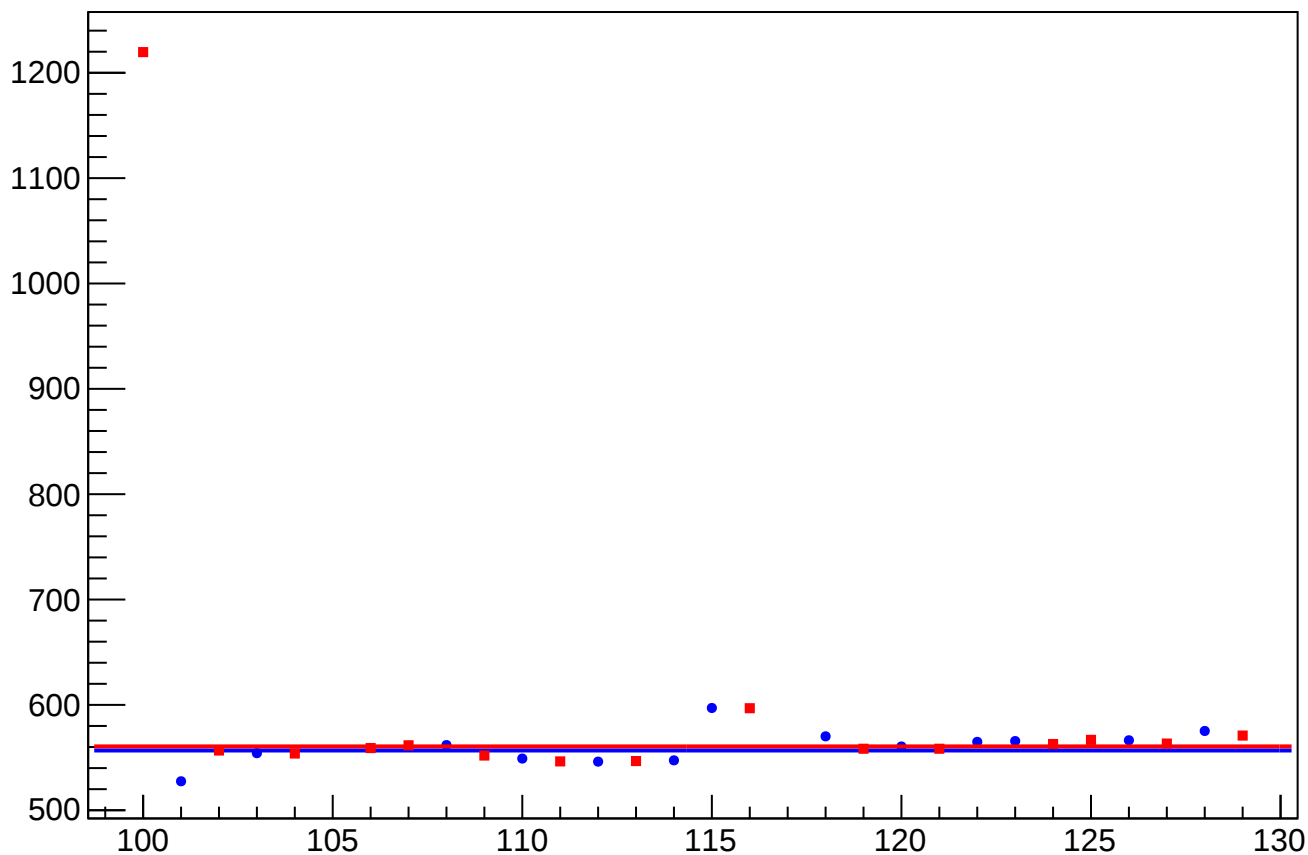
Right: 1116.168+/-173.963 χ^2/NDF : 15.2/27

In: 1317.123+/-257.161 χ^2/NDF : 6.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1116.168+/-173.963 χ^2/NDF : 15.2/27

reg_asym_right_avg_rms vs Slug, Sign Corrected



Right In: 556.722+/-0.182 χ^2/NDF : 7534.8/12

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

Right Out: 560.589+/-0.167 χ^2/NDF : 44997.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

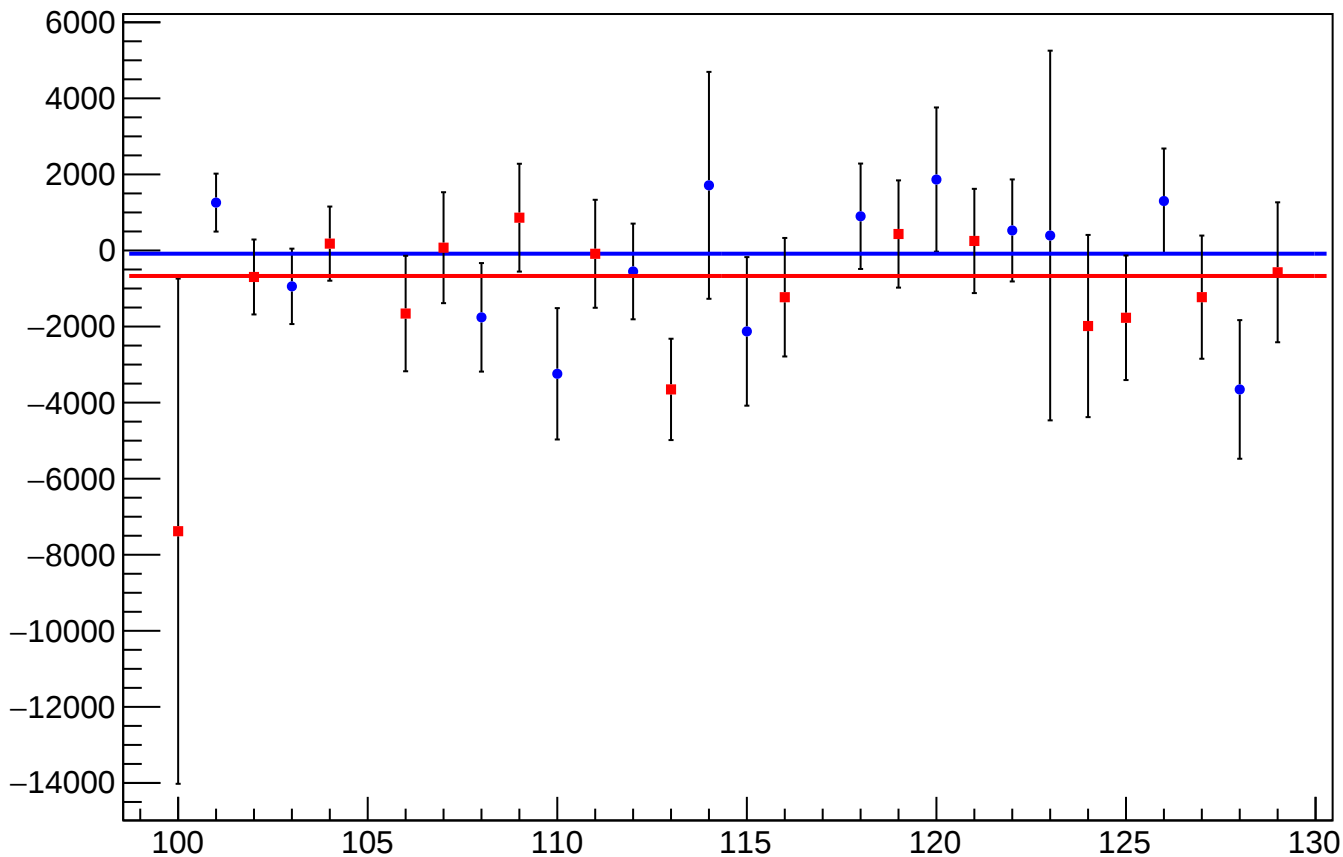
Right: 558.820+/-0.123 χ^2/NDF : 52777.7/27

In: 556.722+/-0.182 χ^2/NDF : 7534.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 558.820+/-0.123 χ^2/NDF : 52777.7/27

asym_right_avg_correction_mean vs Slug, Sign Corrected



Right In: -84.596+/-383.543 χ^2/NDF : 16.8/12

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

Right Out: -670.300+/-371.692 χ^2/NDF : 10.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

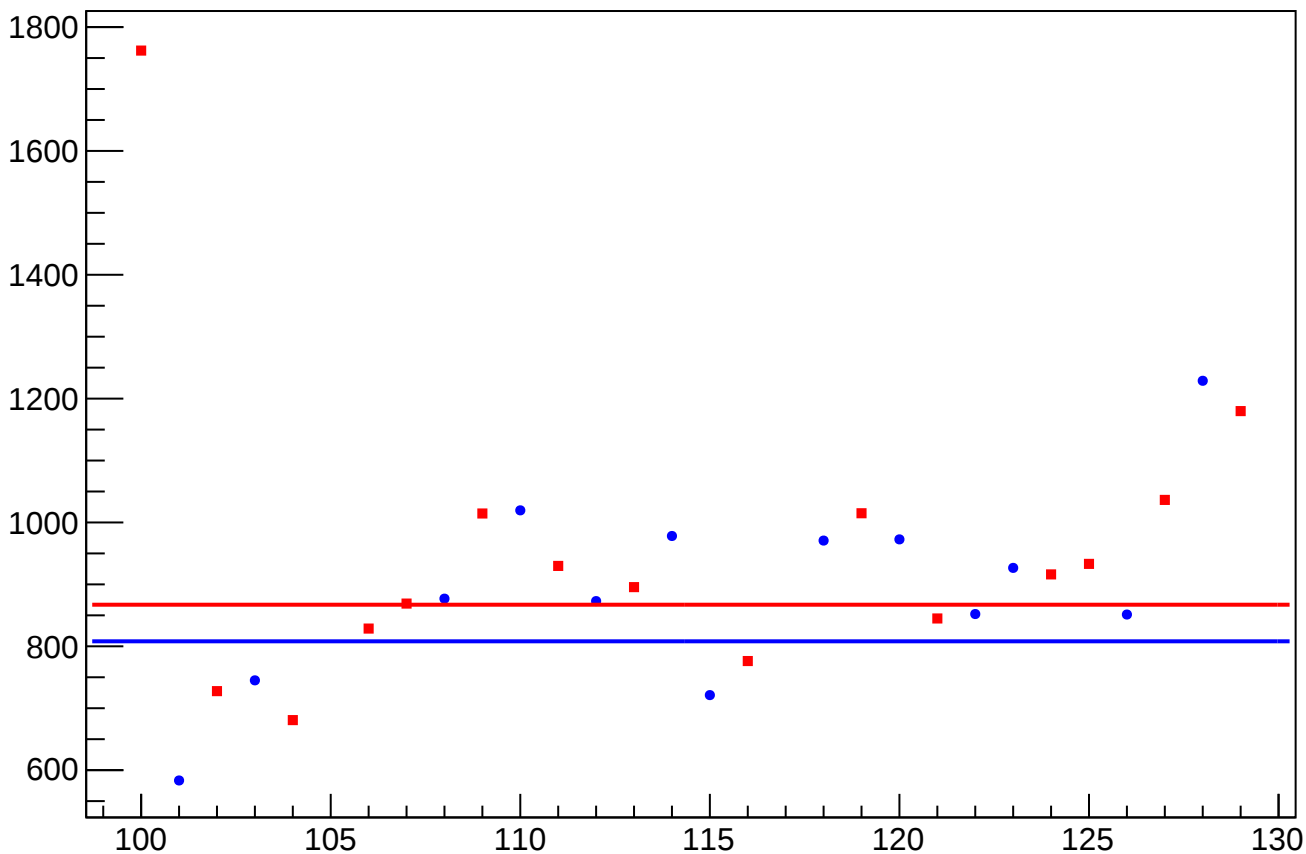
Right: -386.636+/-266.917 χ^2/NDF : 28.9/27

In: -84.596+/-383.543 χ^2/NDF : 16.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -386.636+/-266.917 χ^2/NDF : 28.9/27

asym_right_avg_correction_rms vs Slug, Sign Corrected



Right In: 808.067+/-0.271 χ^2/NDF : 387199.6/12

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

Right Out: 867.168+/-0.263 χ^2/NDF : 290205.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

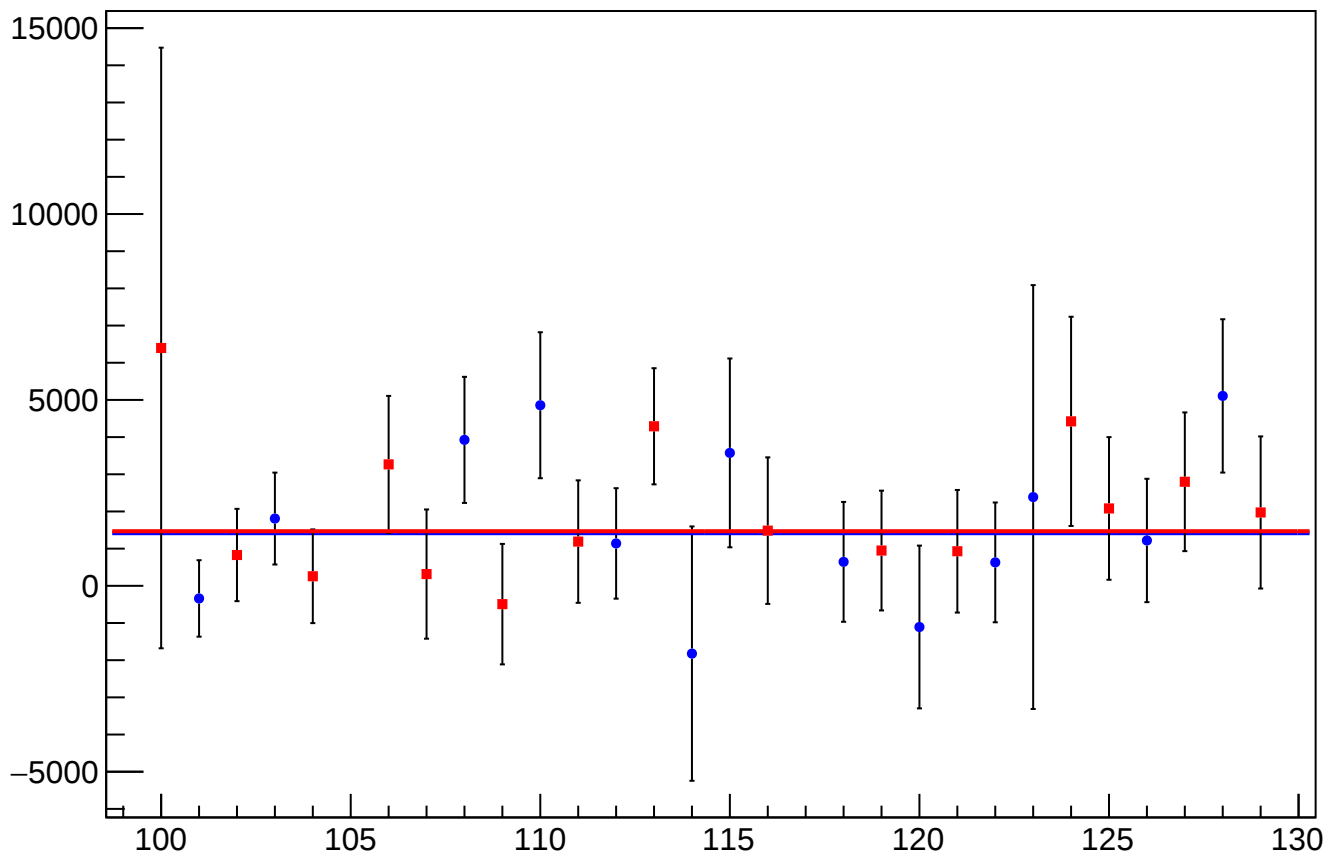
Right: 838.545+/-0.189 χ^2/NDF : 701894.9/27

In: 808.067+/-0.271 χ^2/NDF :387199.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 838.545+/-0.189 χ^2/NDF : 701894.9/27

asym_right_avg_mean vs Slug, Sign Corrected



Right In: 1415.281+/-470.953 χ^2/NDF : 15.0/12

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

Right Out: 1468.713+/-446.593 χ^2/NDF : 9.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

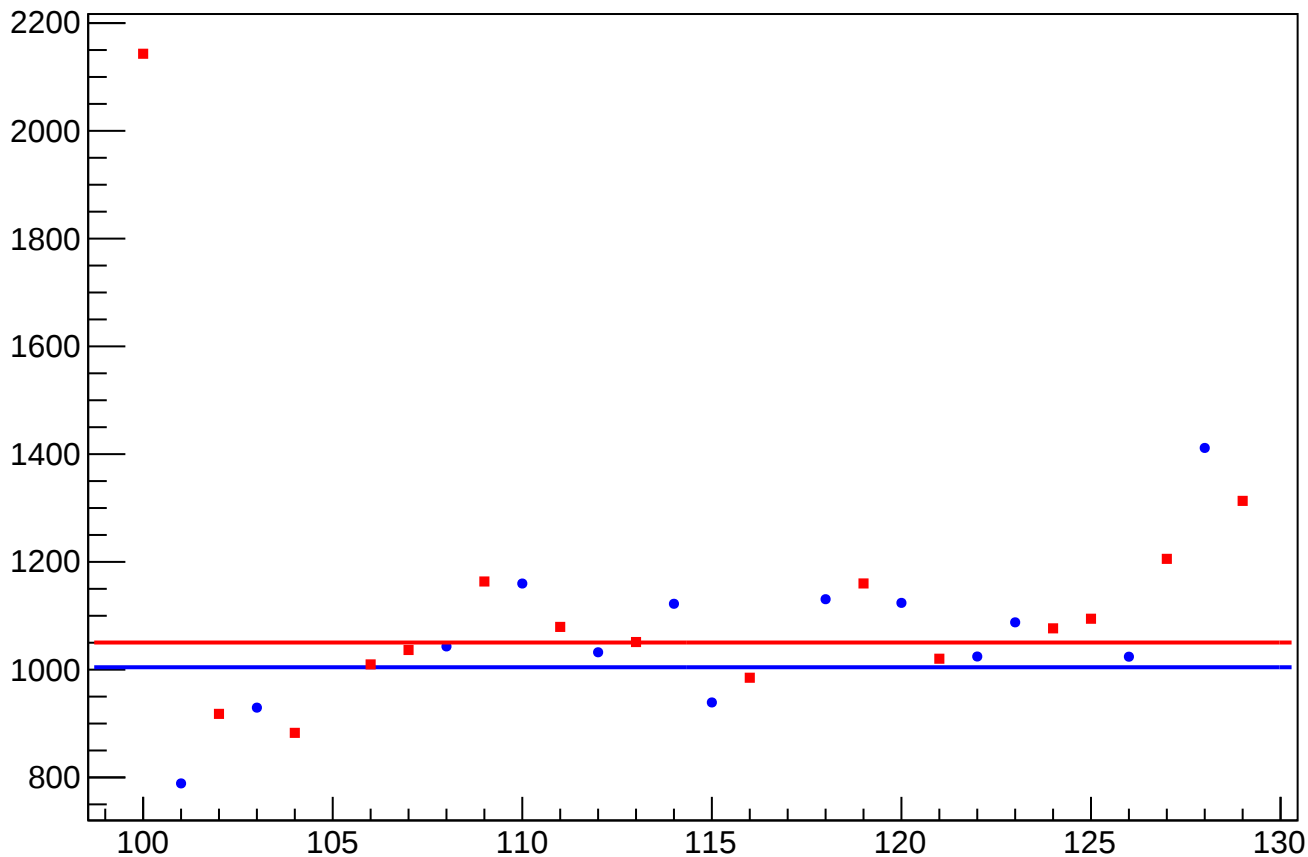
Right: 1443.414+/-324.059 χ^2/NDF : 24.7/27

In: 1415.281+/-470.953 χ^2/NDF : 15.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1443.414+/-324.059 χ^2/NDF : 24.7/27

asym_right_avg_rms vs Slug, Sign Corrected



Right In: 1004.484+/-0.333 χ^2/NDF : 210346.5/12

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

Right Out: 1050.377+/-0.316 χ^2/NDF : 166498.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

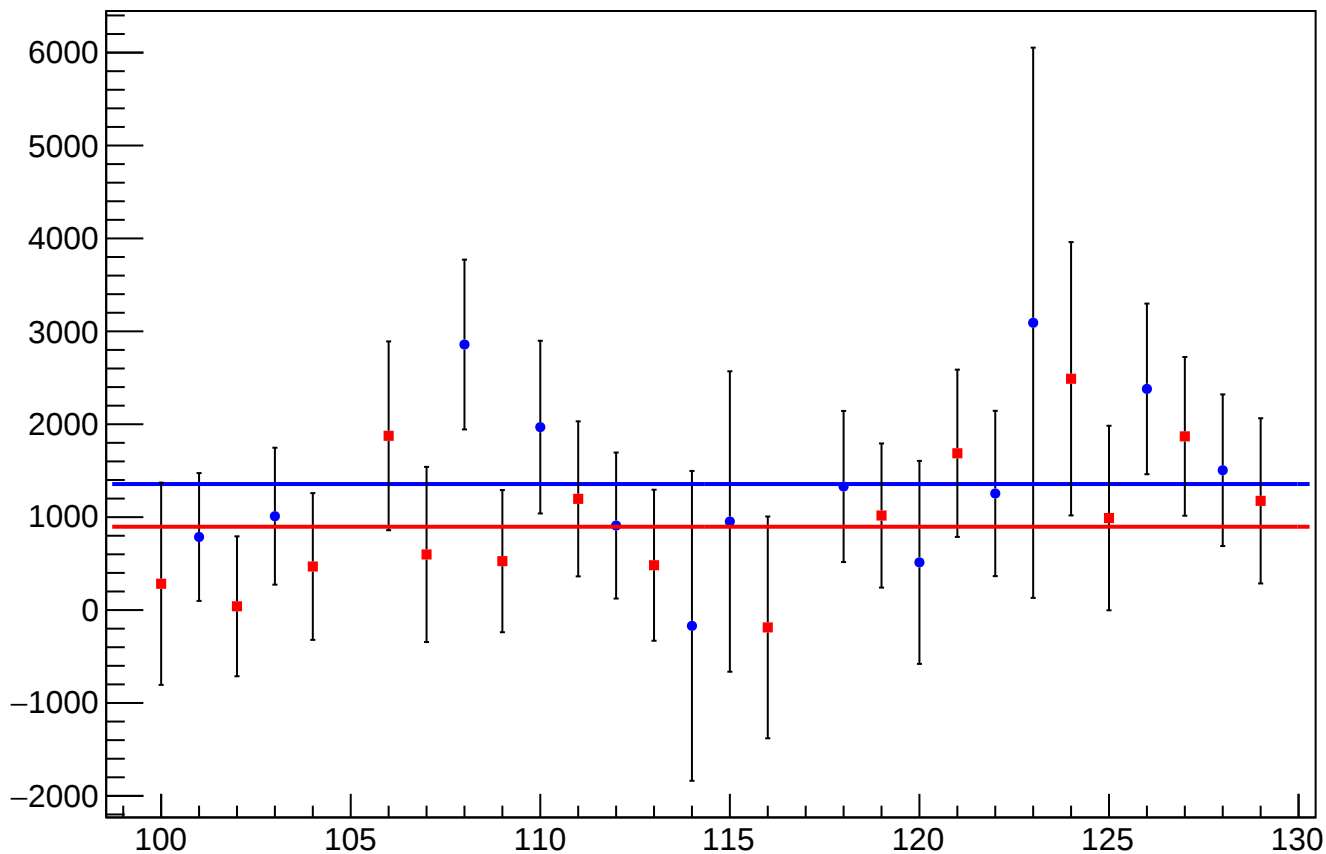
Right: 1028.648+/-0.229 χ^2/NDF : 386844.6/27

In: 1004.484+/-0.333 χ^2/NDF : 210346.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1028.648+/-0.229 χ^2/NDF : 386844.6/27

reg_asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1356.424+/-257.467 χ^2/NDF : 7.5/12

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

Right Out: 897.015+/-231.407 χ^2/NDF : 7.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

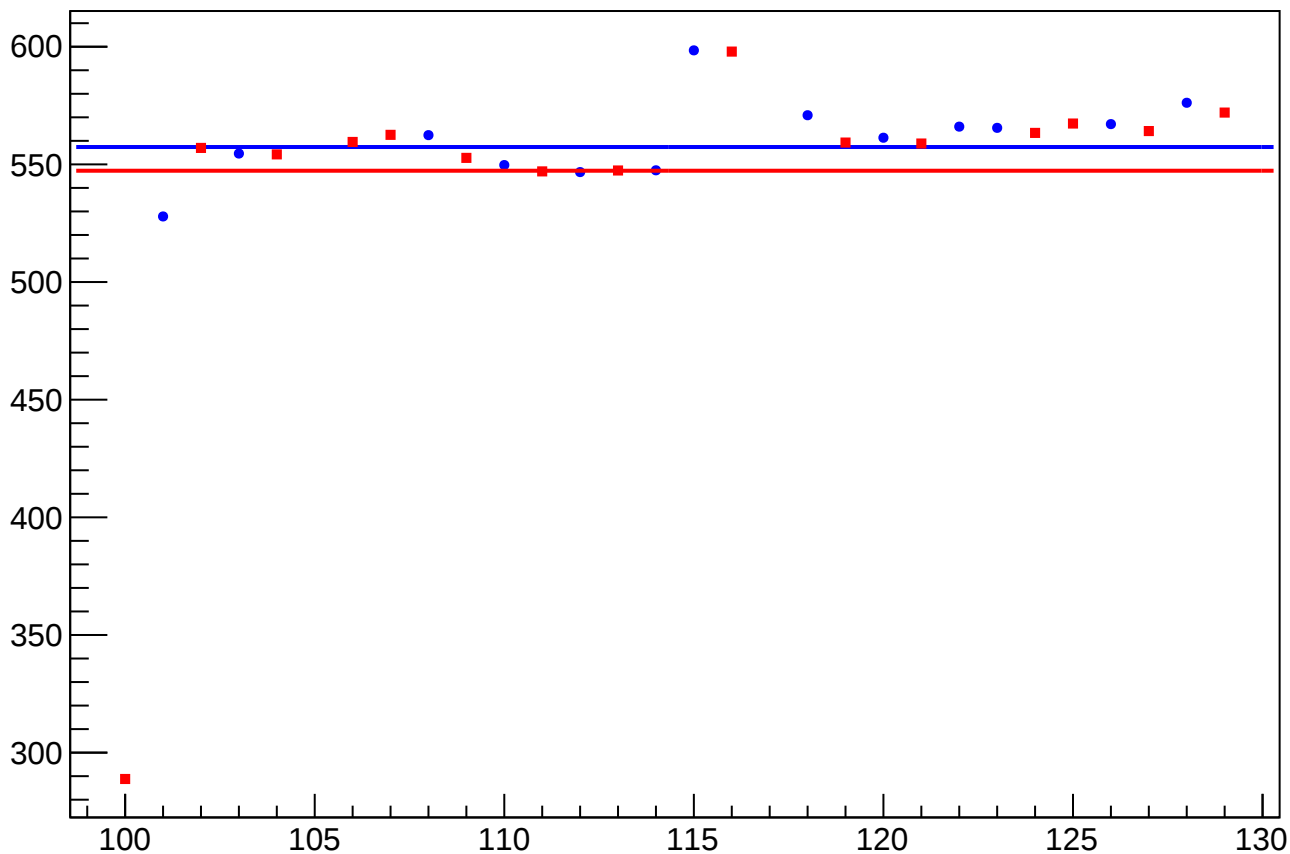
Right: 1102.299+/-172.107 χ^2/NDF : 17.0/27

In: 1356.424+/-257.467 χ^2/NDF : 7.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1102.299+/-172.107 χ^2/NDF : 17.0/27

reg_asym_right_dd_rms vs Slug, Sign Corrected



Right In: 557.381+/-0.182 χ^2/NDF : 7704.0/12

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

Right Out: 547.304+/-0.164 χ^2/NDF : 121979.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

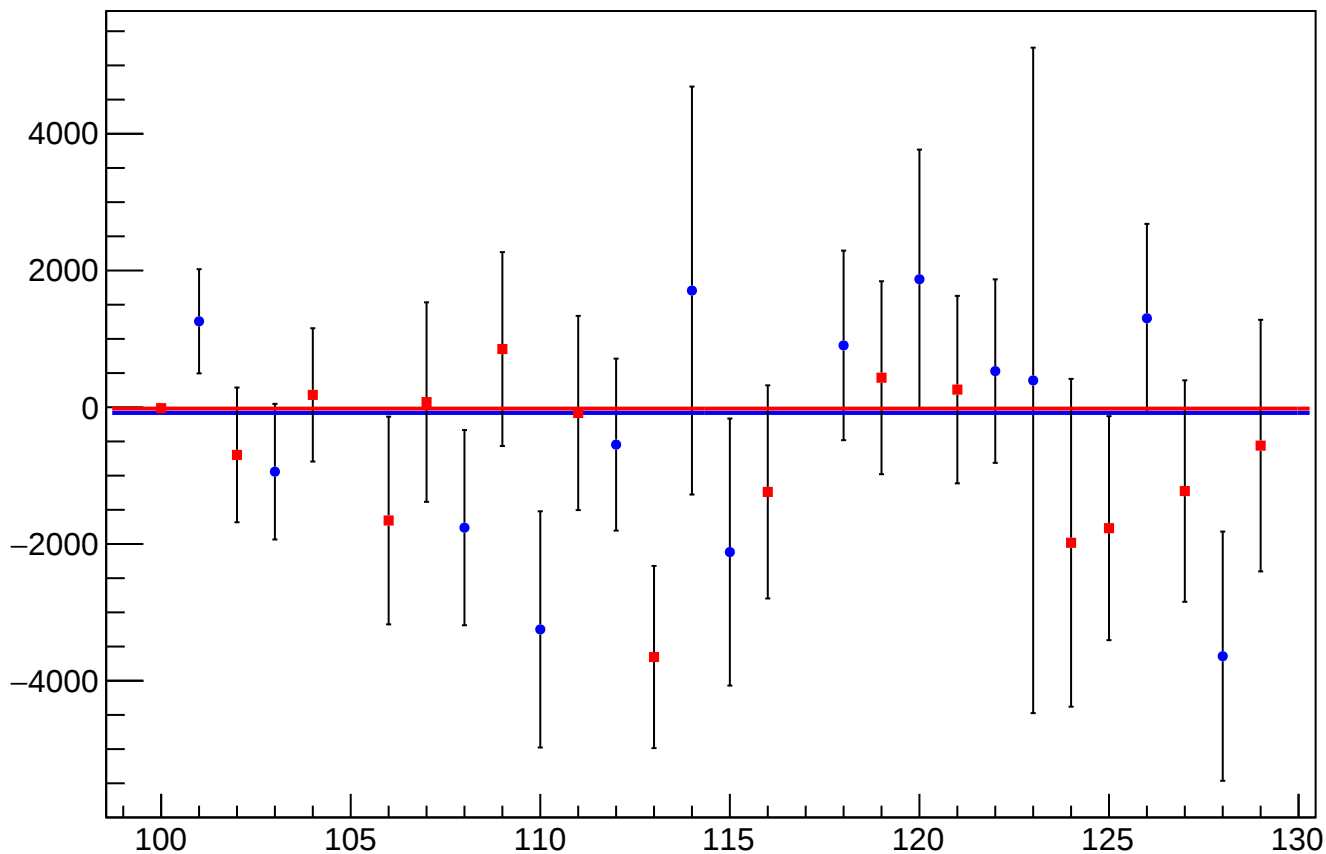
Right: 551.807+/-0.122 χ^2/NDF : 131378.1/27

In: 557.381+/-0.182 χ^2/NDF : 7704.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 551.807+/-0.122 χ^2/NDF : 131378.1/27

asym_right_dd_correction_mean vs Slug, Sign Corrected



Right In: -83.192+/-383.646 χ^2/NDF : 16.8/12

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

Right Out: -19.976+/-39.008 χ^2/NDF : 12.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

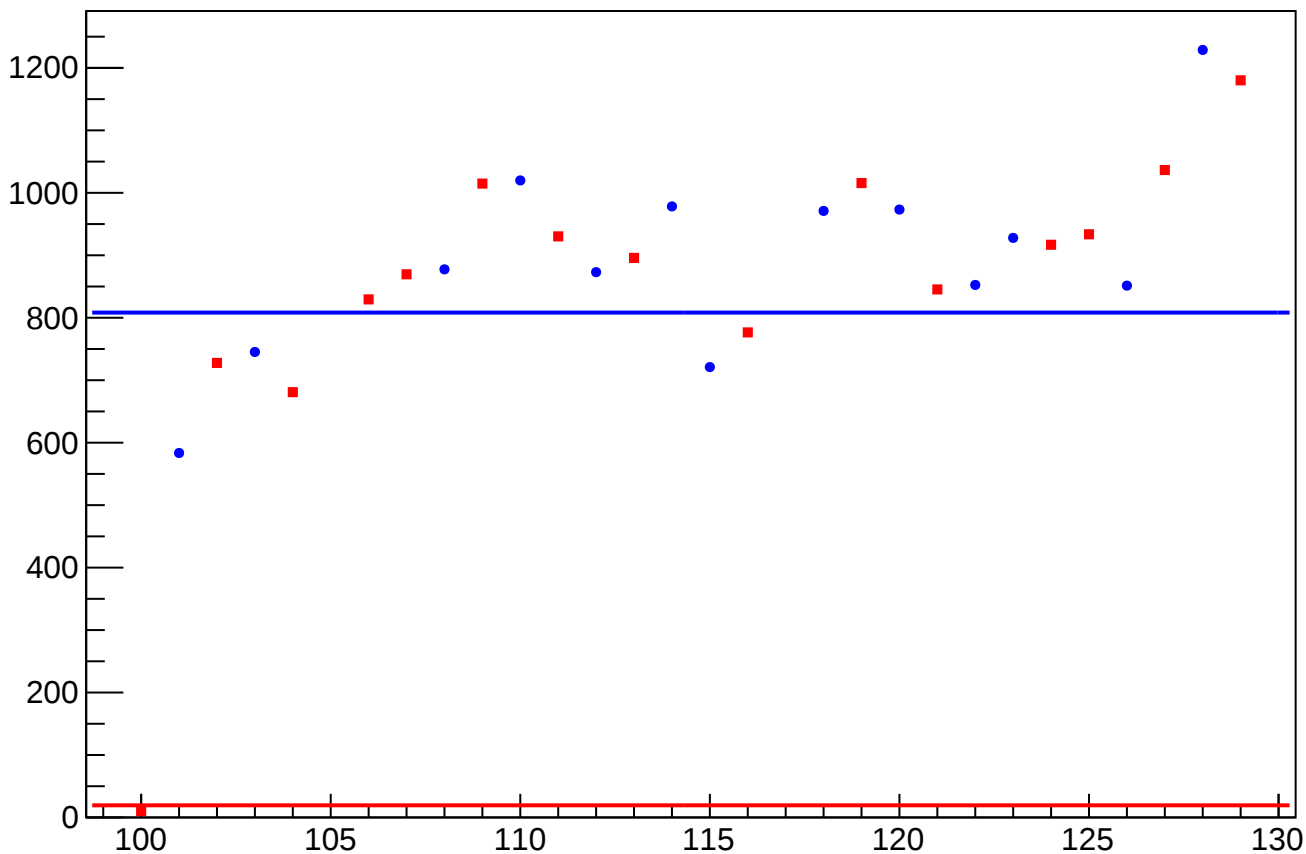
Right: -20.623+/-38.808 χ^2/NDF : 29.5/27

In: -83.192+/-383.646 χ^2/NDF : 16.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.623+/-38.808 χ^2/NDF : 29.5/27

asym_right_dd_correction_rms vs Slug, Sign Corrected



Right In: 808.284+/-0.271 χ^2/NDF : 387141.6/12

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

Right Out: 19.420+/-0.028 χ^2/NDF : 10671006.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

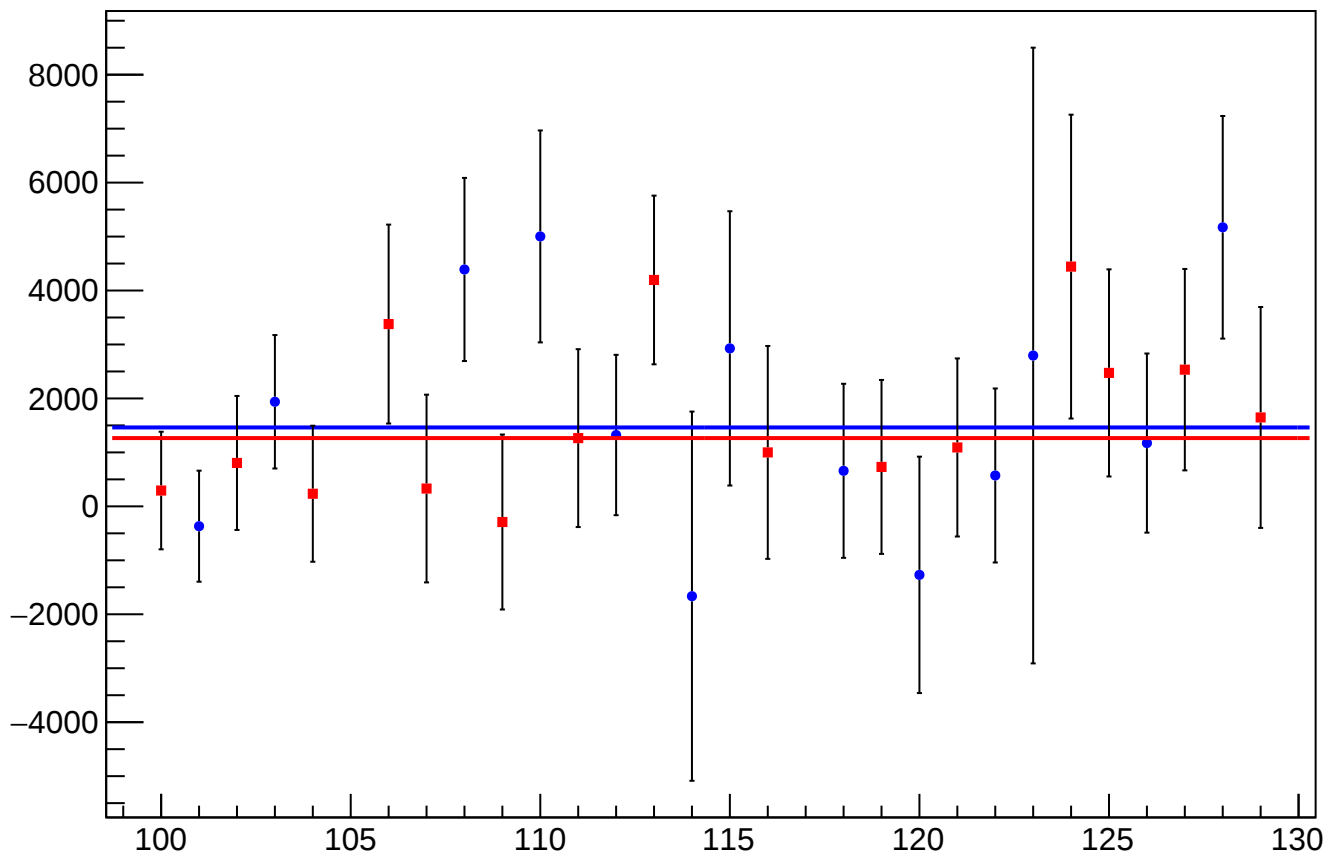
Right: 27.492+/-0.027 χ^2/NDF : 19427778.4/27

In: 808.284+/-0.271 χ^2/NDF :387141.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 27.492+/-0.027 χ^2/NDF : 19427778.4/27

asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1462.479+/-471.210 χ^2/NDF : 16.1/12

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

Right Out: 1265.180+/-413.978 χ^2/NDF : 9.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

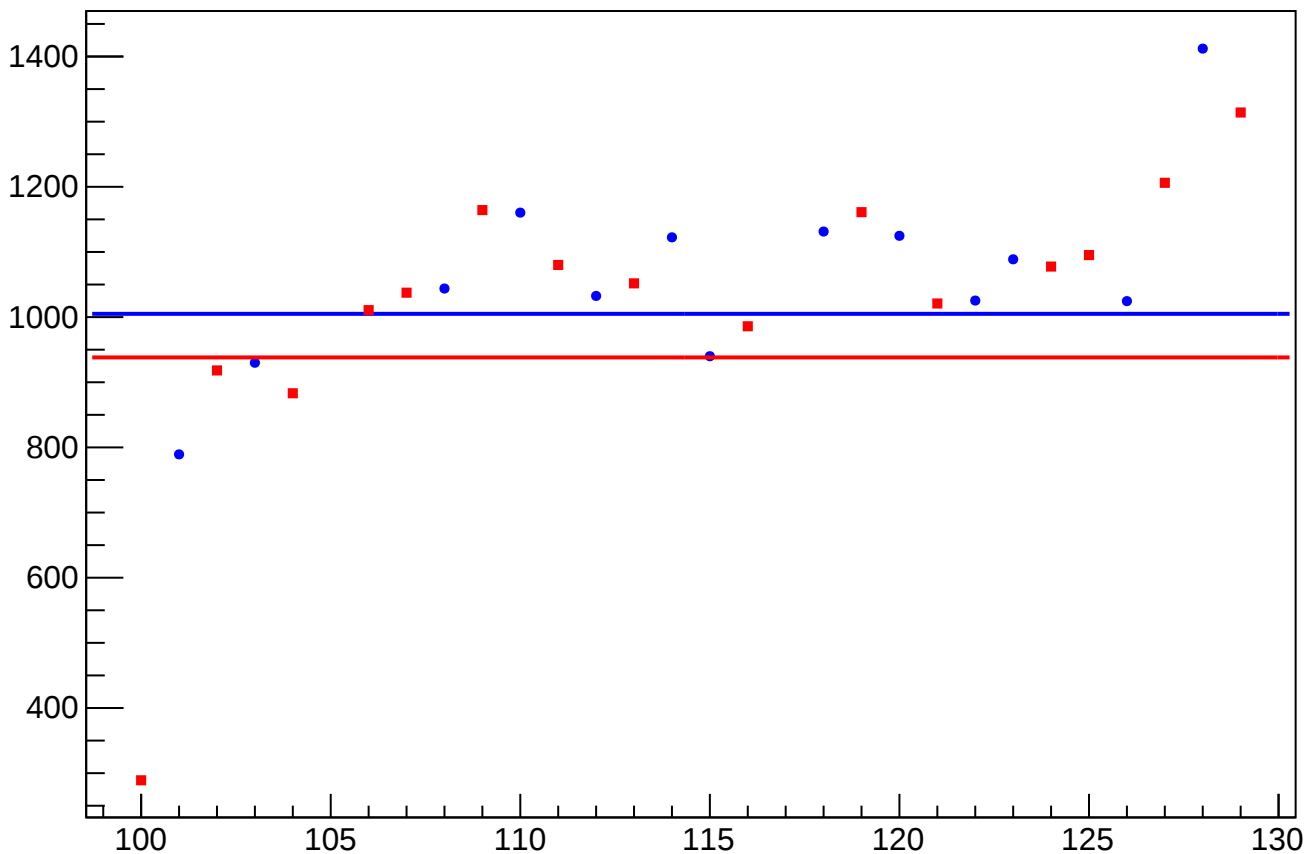
Right: 1351.126+/-311.004 χ^2/NDF : 26.2/27

In: 1462.479+/-471.210 χ^2/NDF : 16.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1351.126+/-311.004 χ^2/NDF : 26.2/27

asym_right_dd_rms vs Slug, Sign Corrected



Right In: 1005.034+/-0.333 χ^2/NDF : 210308.7/12

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

Right Out: 938.118+/-0.293 χ^2/NDF : 959740.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

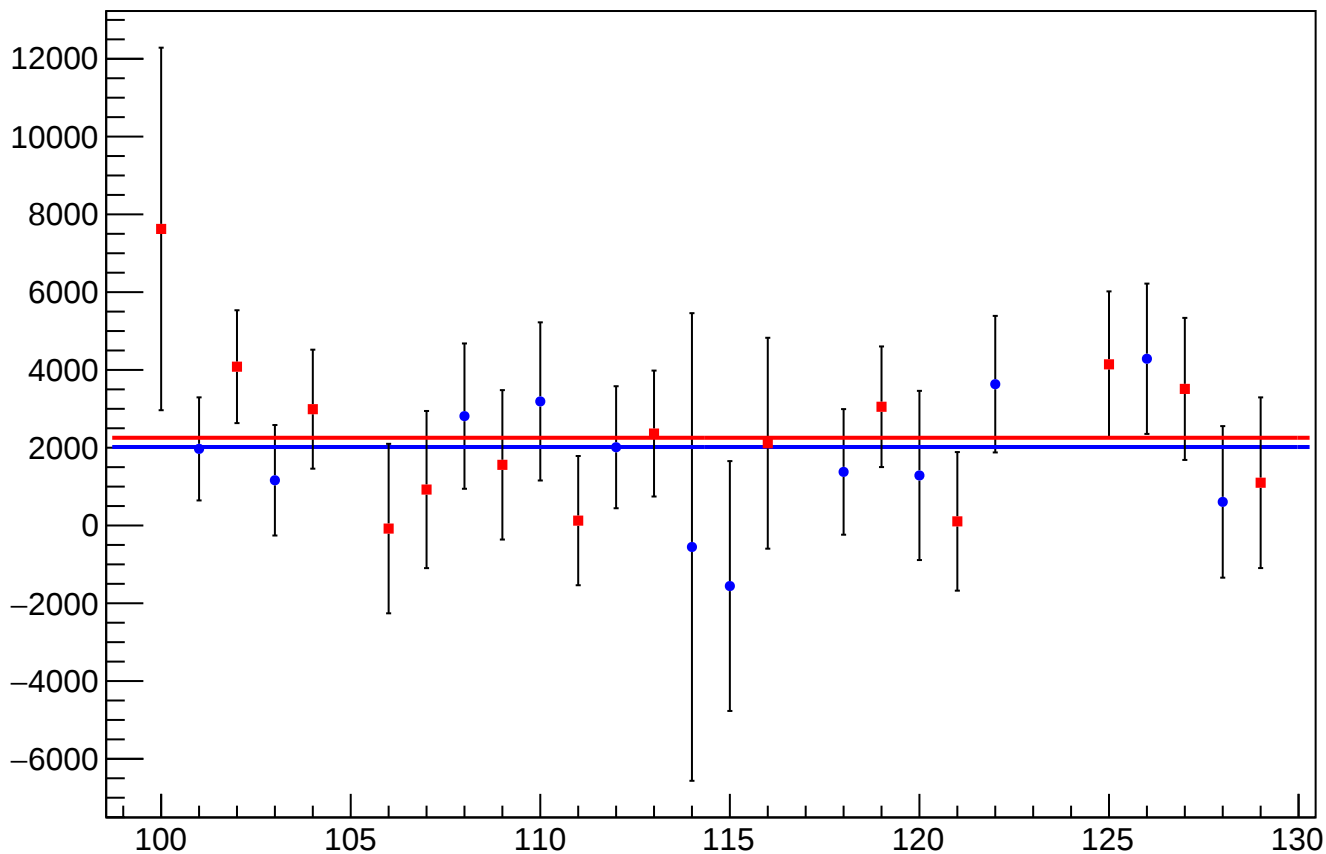
Right: 967.268+/-0.220 χ^2/NDF : 1192812.0/27

In: 1005.034+/-0.333 χ^2/NDF : 210308.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 967.268+/-0.220 χ^2/NDF : 1192812.0/27

cor_usl_mean vs Slug, Sign Corrected



Right In: 2017.946+/-528.920 χ^2/NDF : 5.3/11

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

Right Out: 2255.752+/-495.272 χ^2/NDF : 10.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

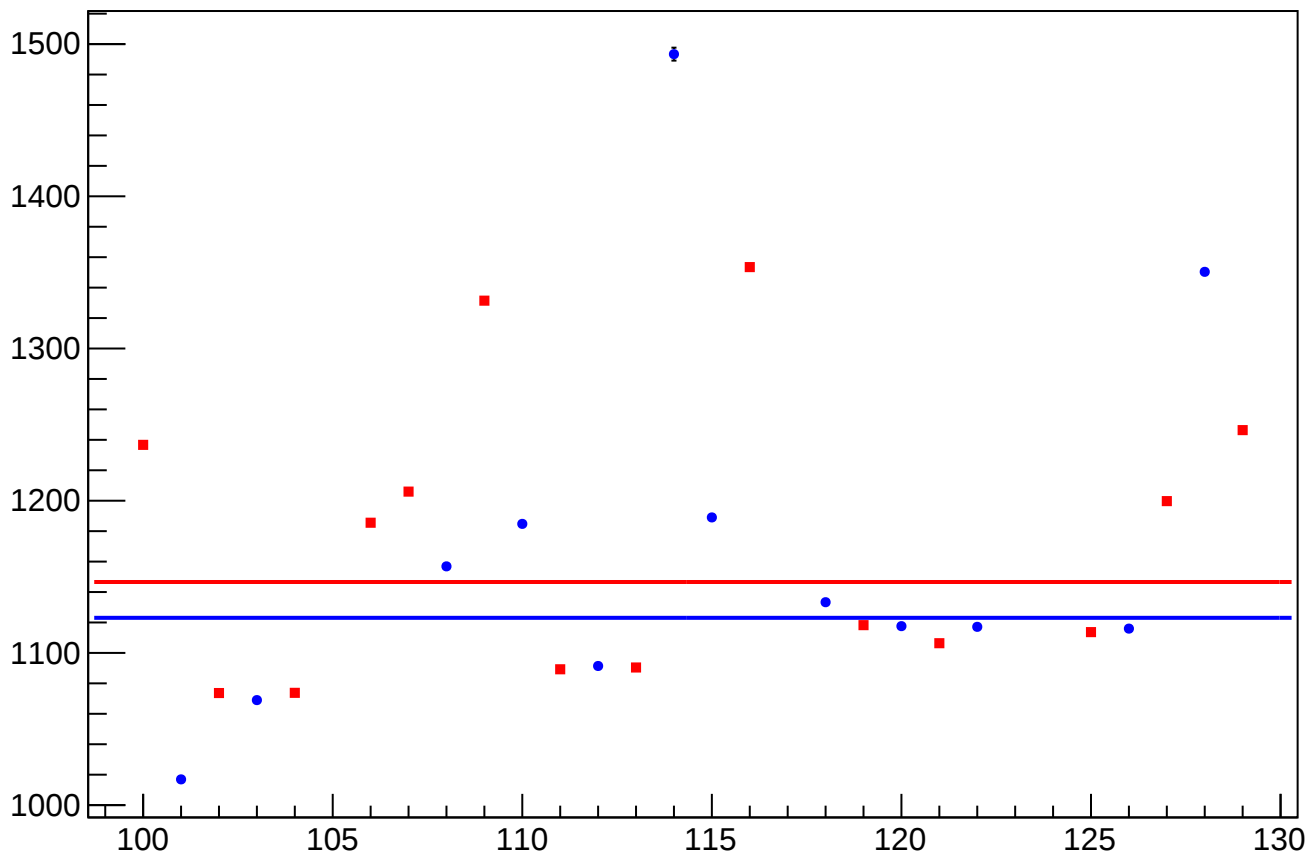
Right: 2144.654+/-361.520 χ^2/NDF : 15.4/25

In: 2017.946+/-528.920 χ^2/NDF : 5.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2144.654+/-361.520 χ^2/NDF : 15.4/25

cor_usl_rms vs Slug, Sign Corrected



Right In: 1123.060+/-0.374 χ^2/NDF : 54832.5/11

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

Right Out: 1146.596+/-0.350 χ^2/NDF : 55783.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

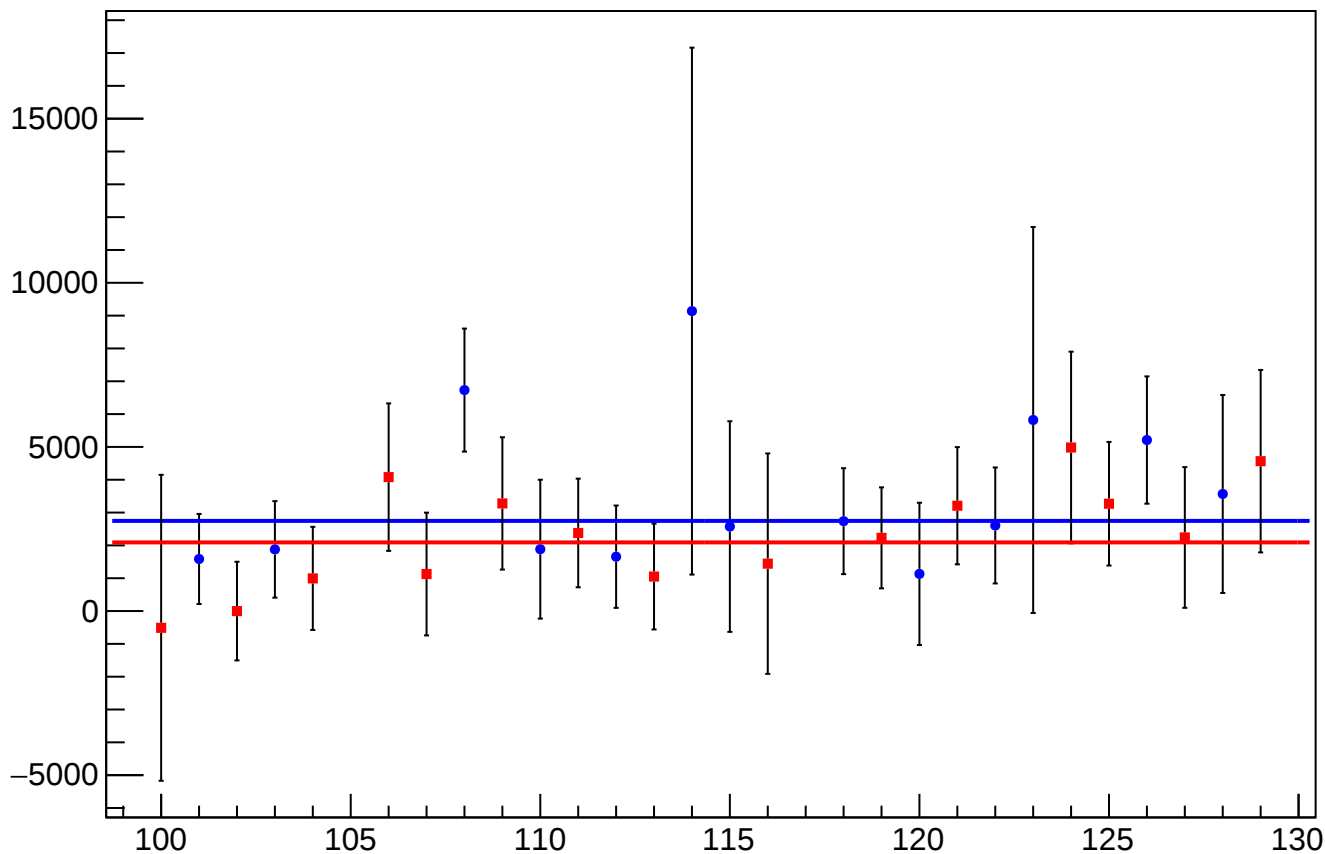
Right: 1135.601+/-0.256 χ^2/NDF : 112726.3/25

In: 1123.060+/-0.374 χ^2/NDF : 54832.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1135.601+/-0.256 χ^2/NDF : 112726.3/25

cor_usr_mean vs Slug, Sign Corrected



Right In: 2746.494+/-546.470 χ^2/NDF : 9.4/12

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

Right Out: 2091.250+/-503.413 χ^2/NDF : 7.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

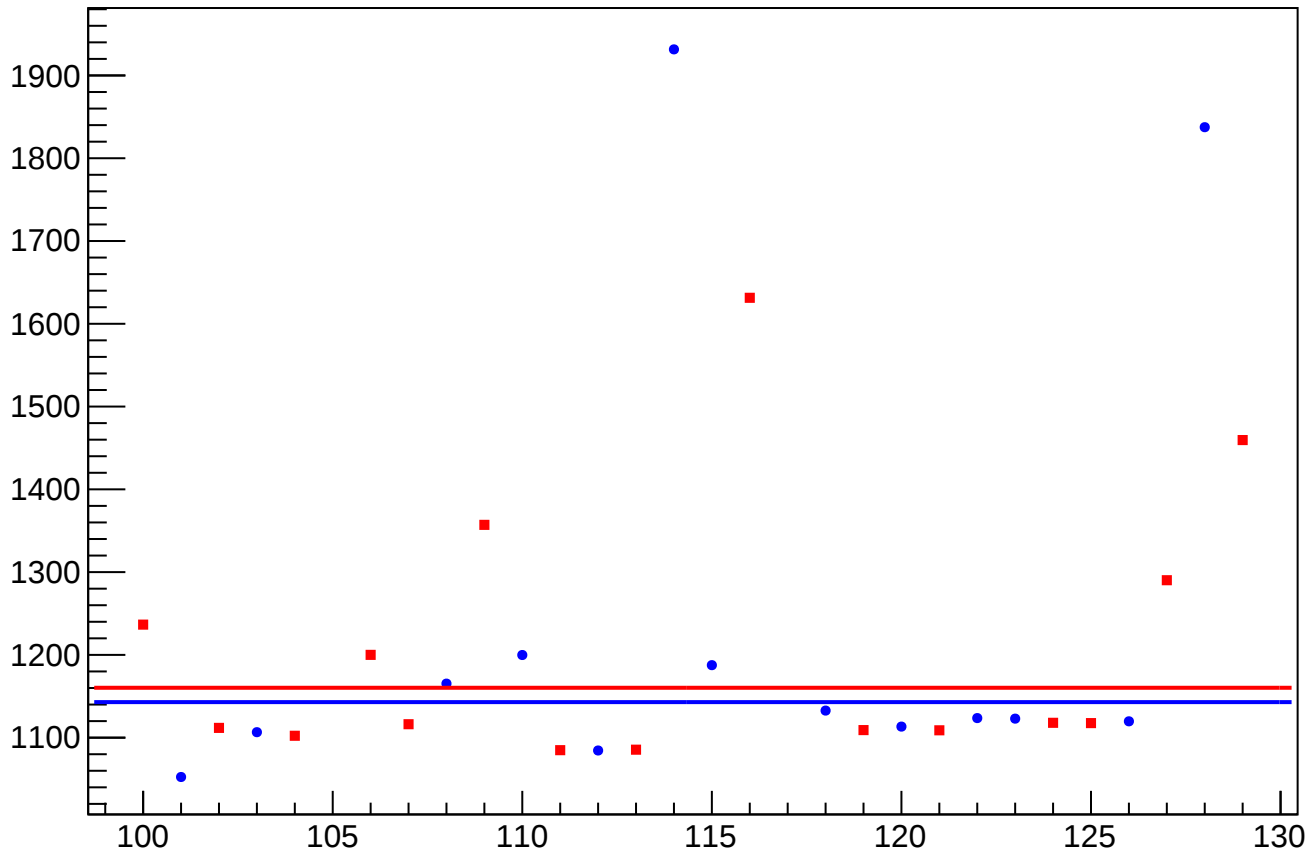
Right: 2392.045+/-370.254 χ^2/NDF : 17.4/27

In: 2746.494+/-546.470 χ^2/NDF : 9.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2392.045+/-370.254 χ^2/NDF : 17.4/27

cor_usr_rms vs Slug, Sign Corrected



Right In: 1142.947+/-0.386 χ^2/NDF : 141295.6/12

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

Right Out: 1160.280+/-0.356 χ^2/NDF : 109809.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

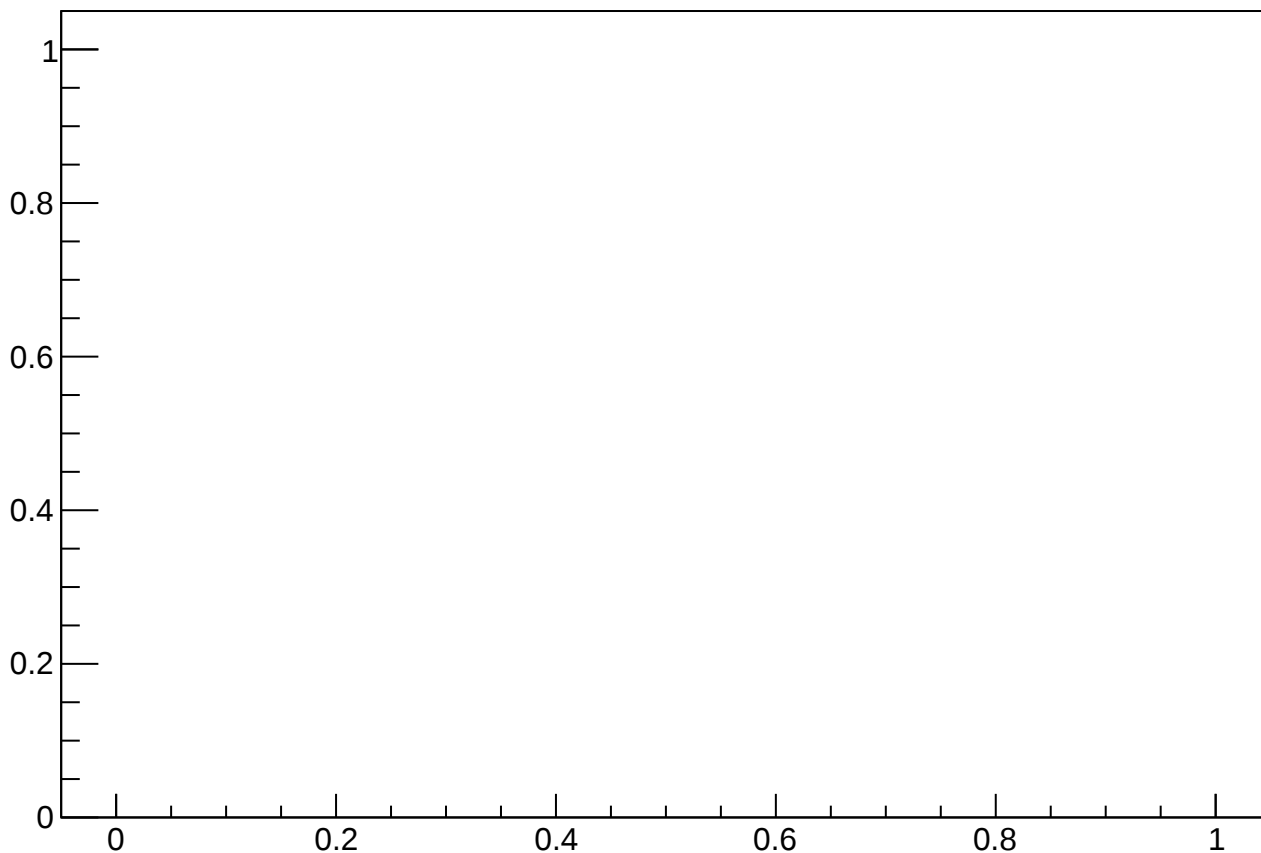
Right: 1152.323+/-0.262 χ^2/NDF : 252193.5/27

In: 1142.947+/-0.386 χ^2/NDF : 141295.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1152.323+/-0.262 χ^2/NDF : 252193.5/27

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

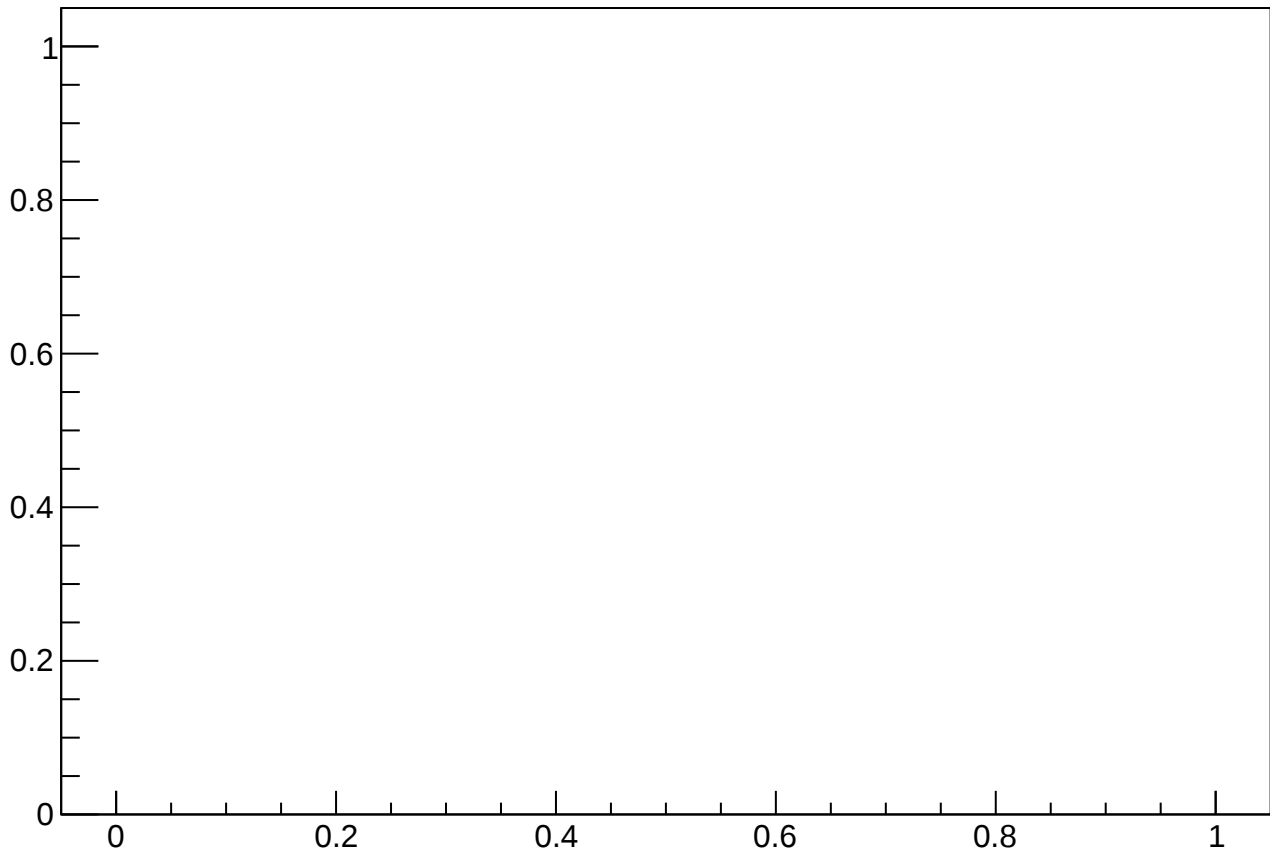
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

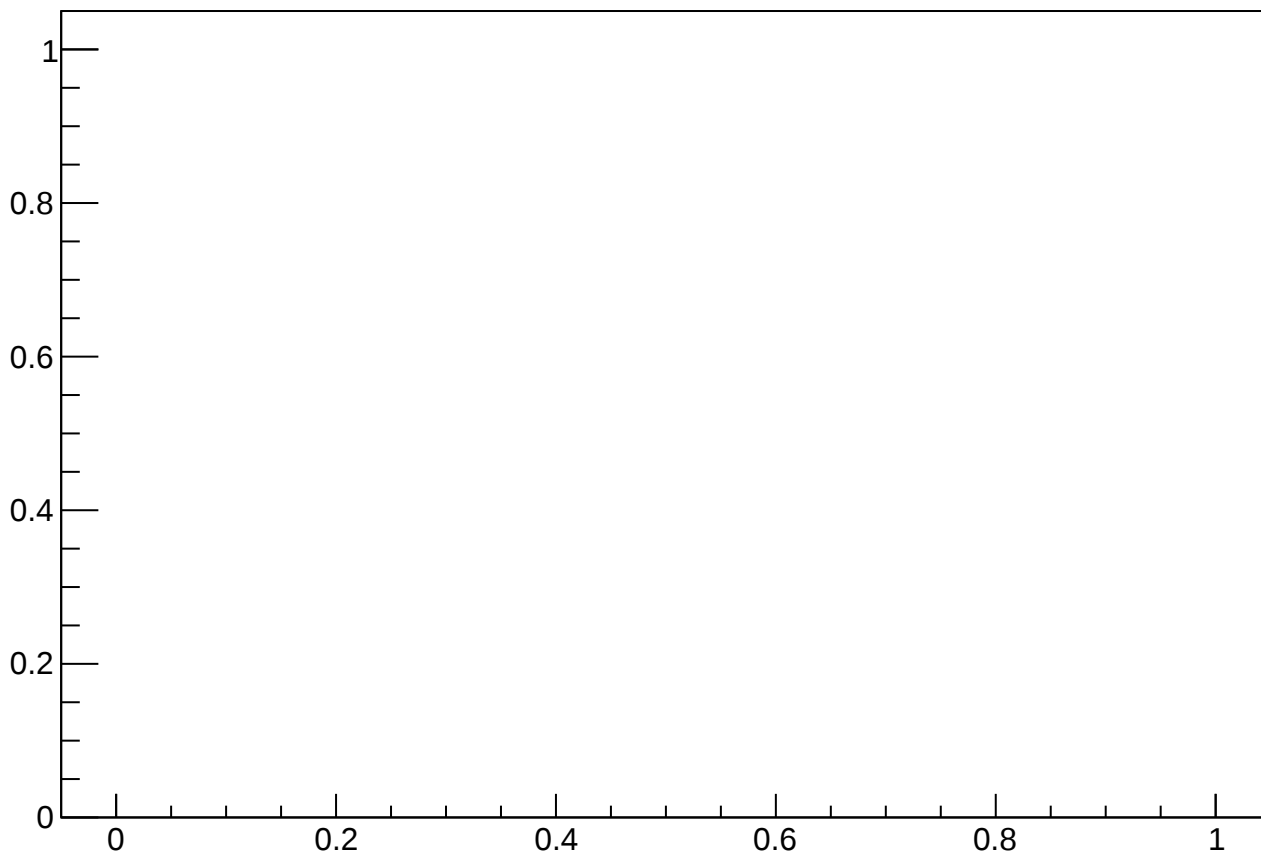
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

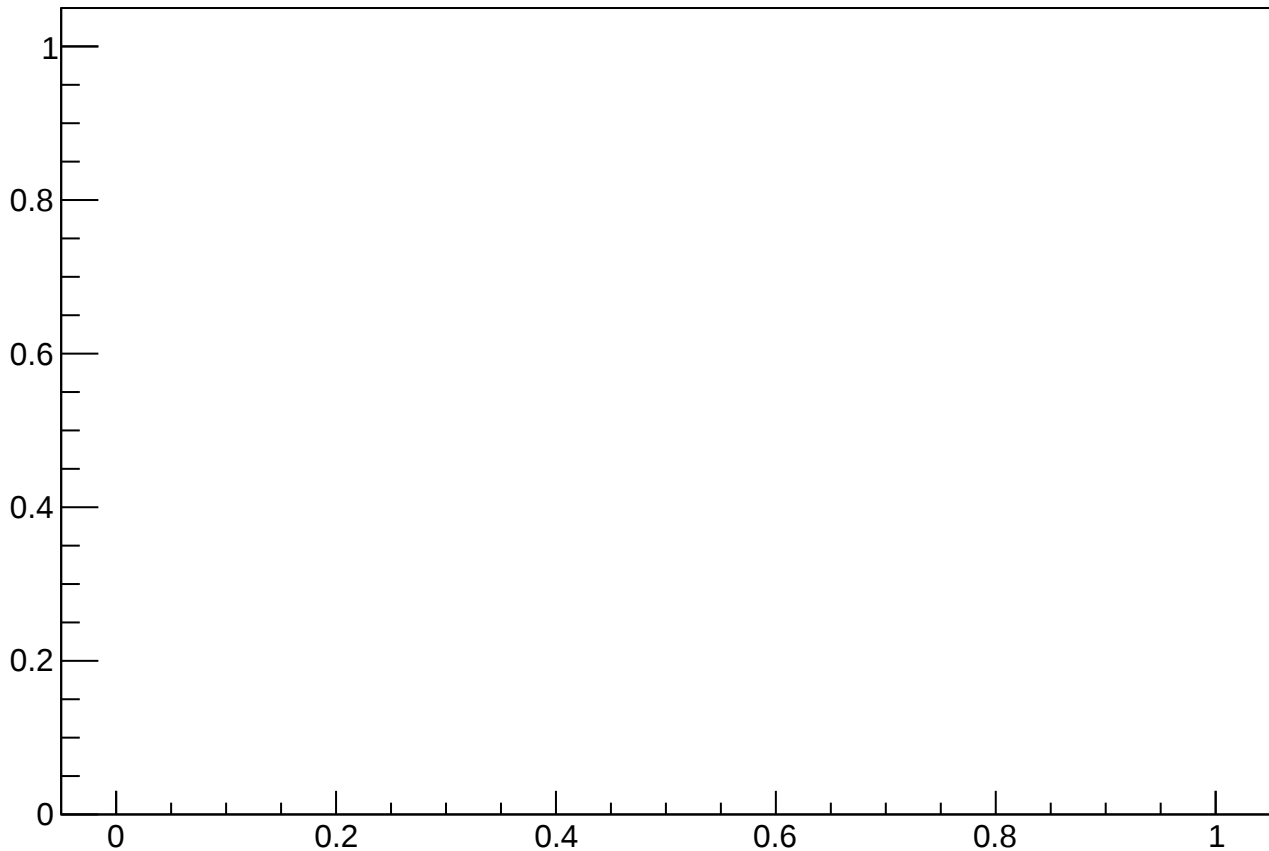
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

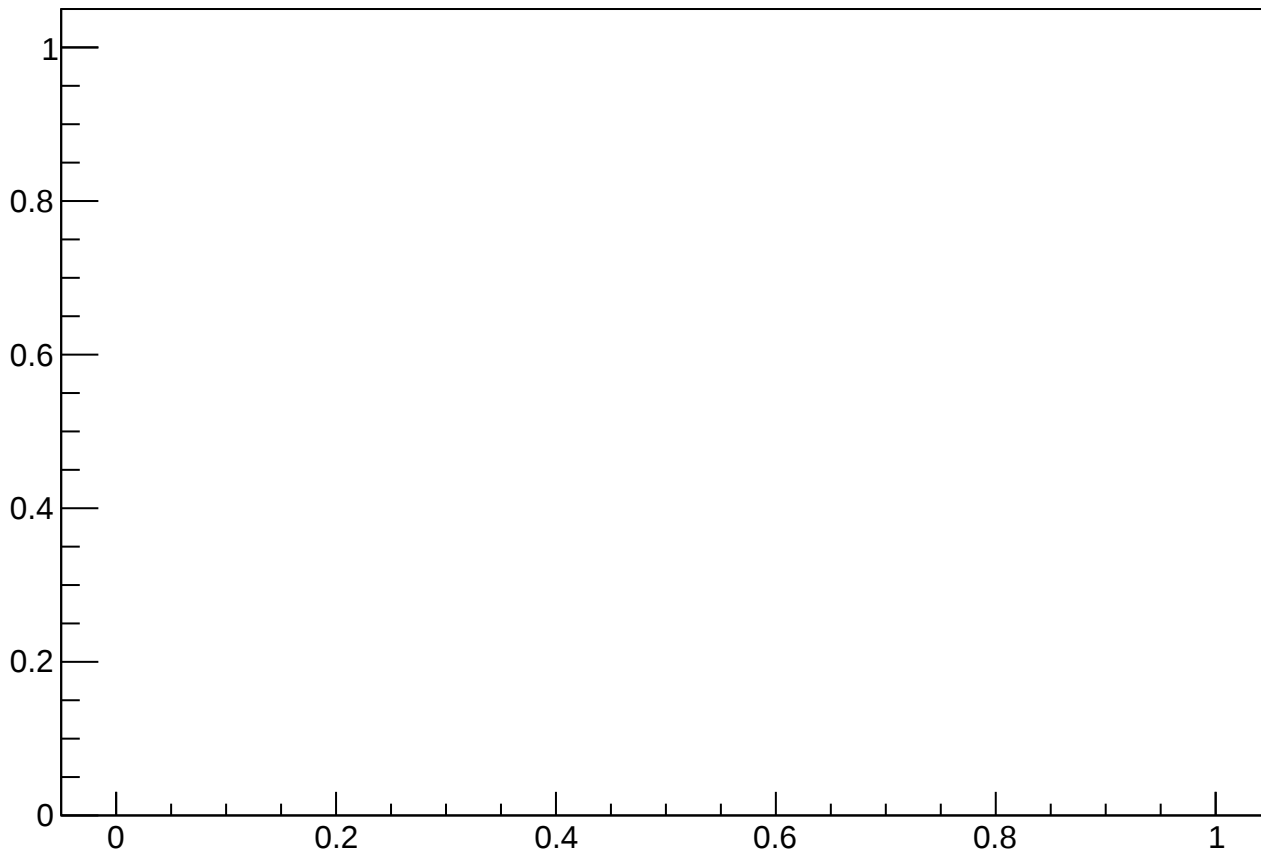
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

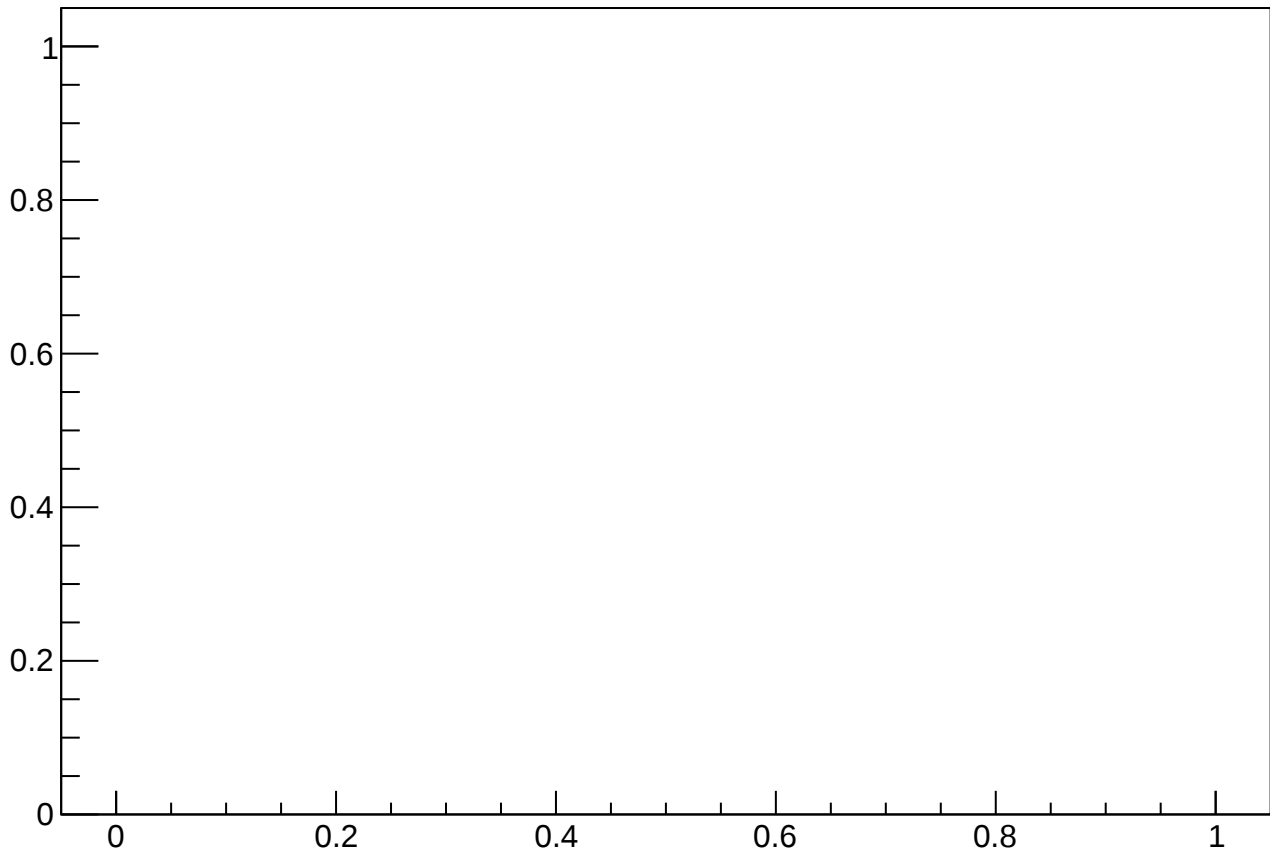
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

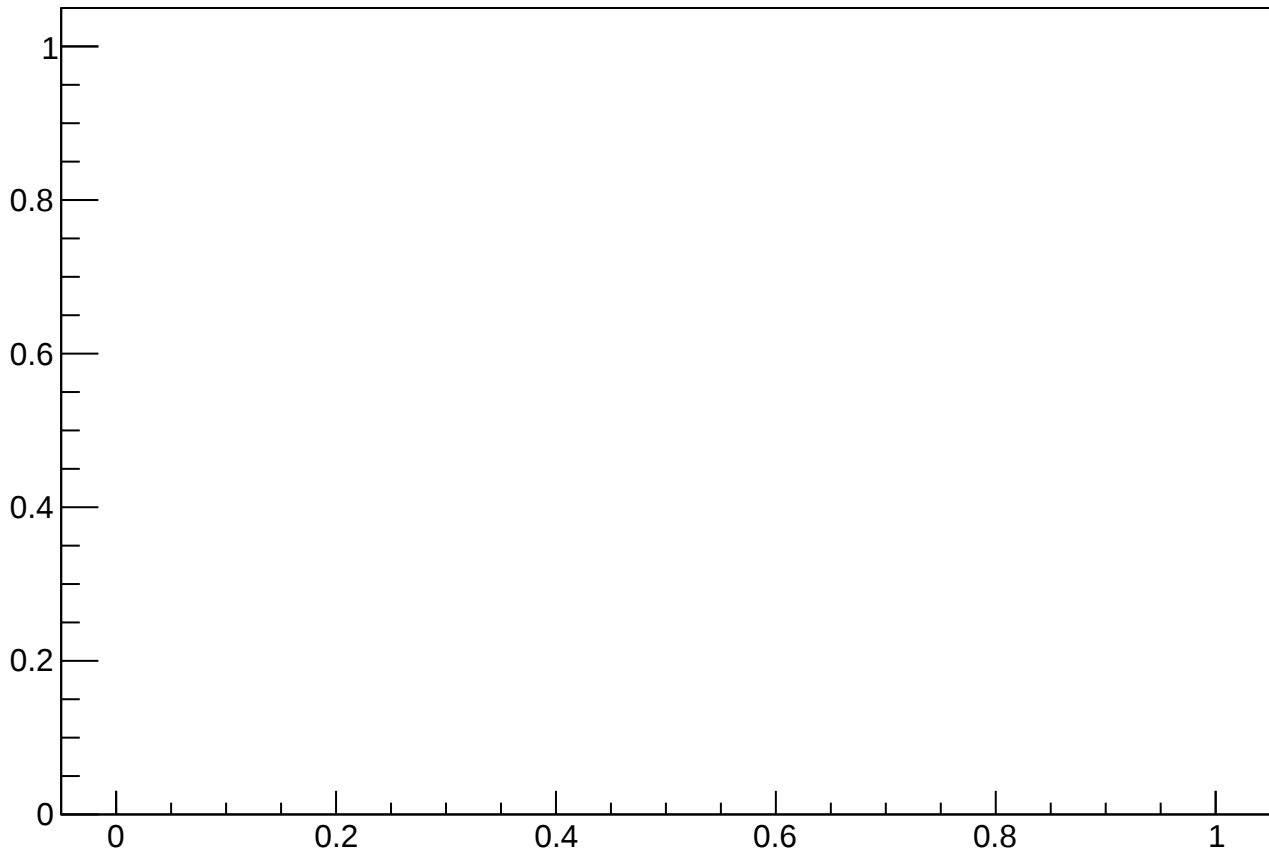
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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

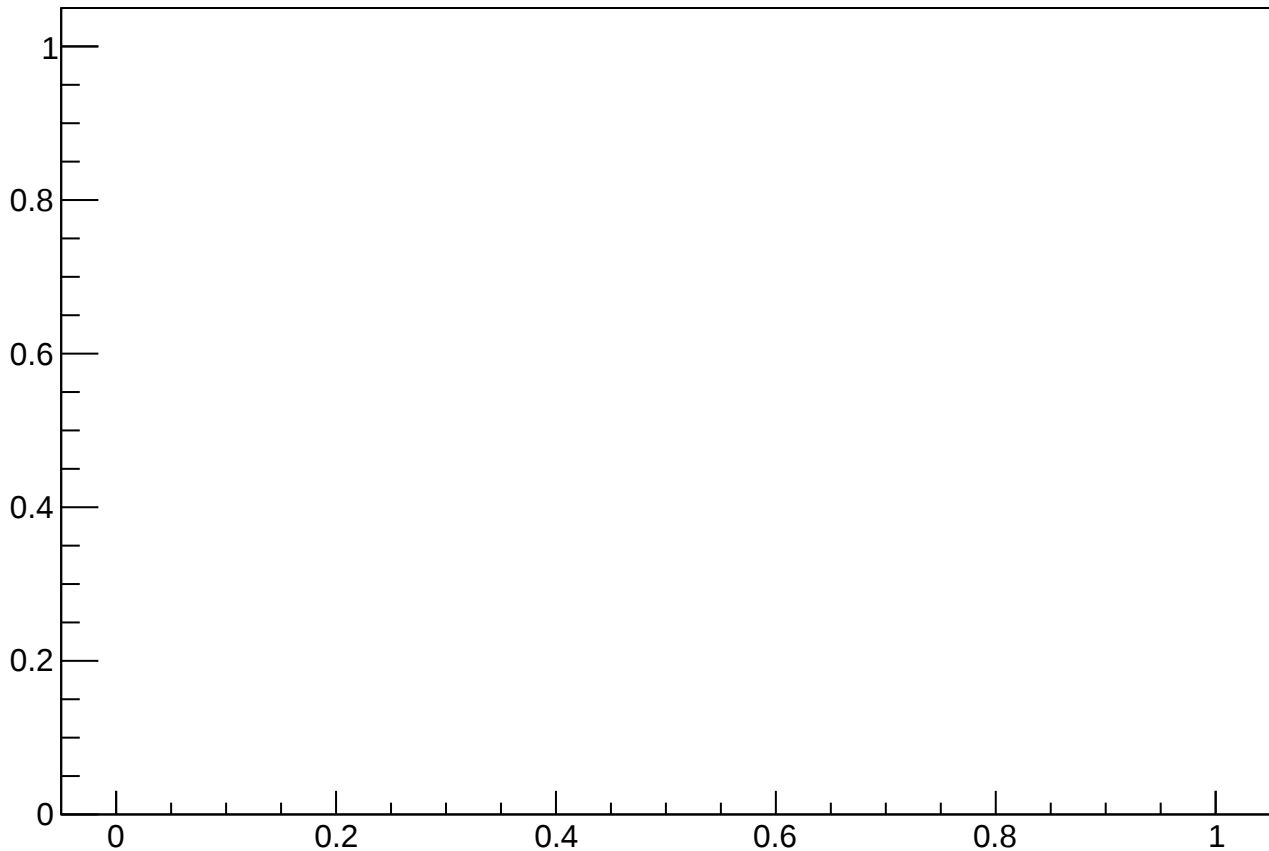
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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_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

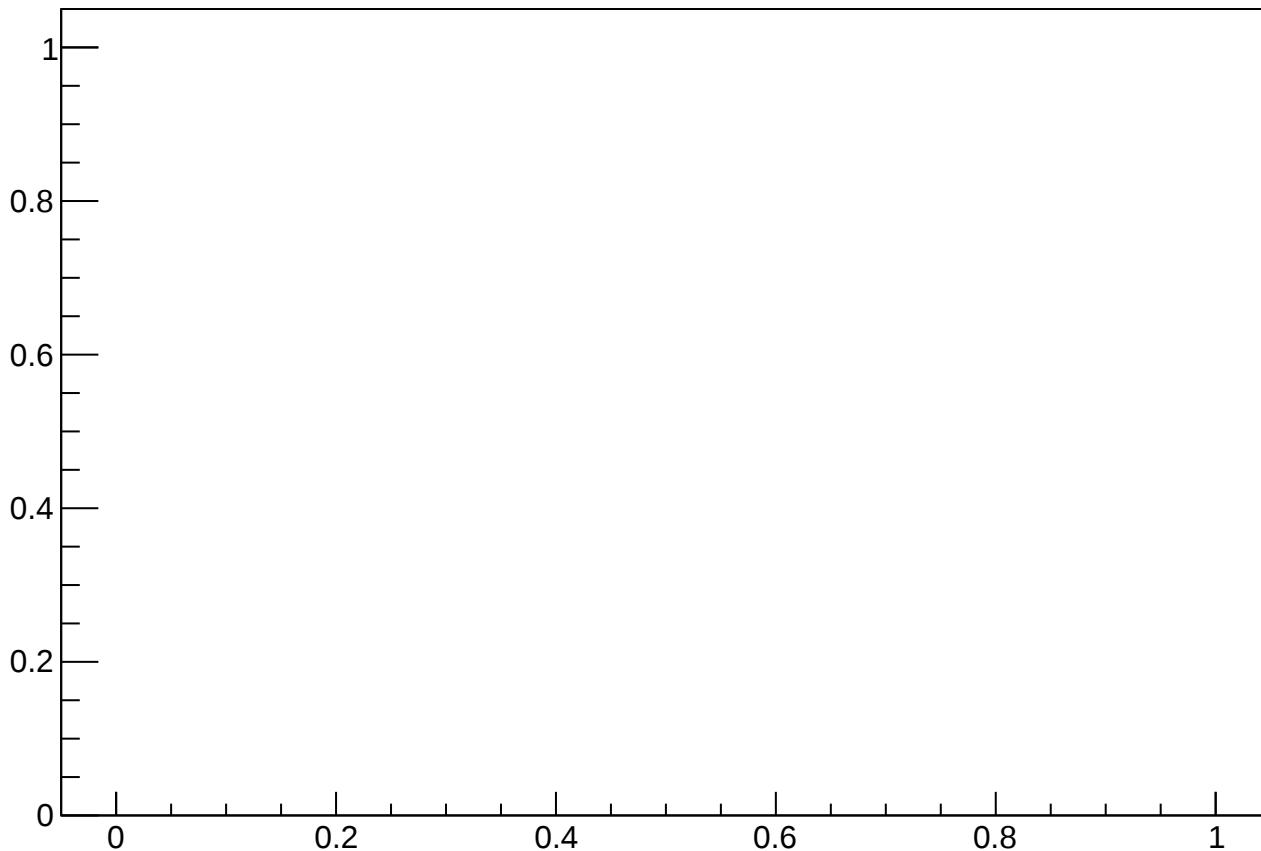
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

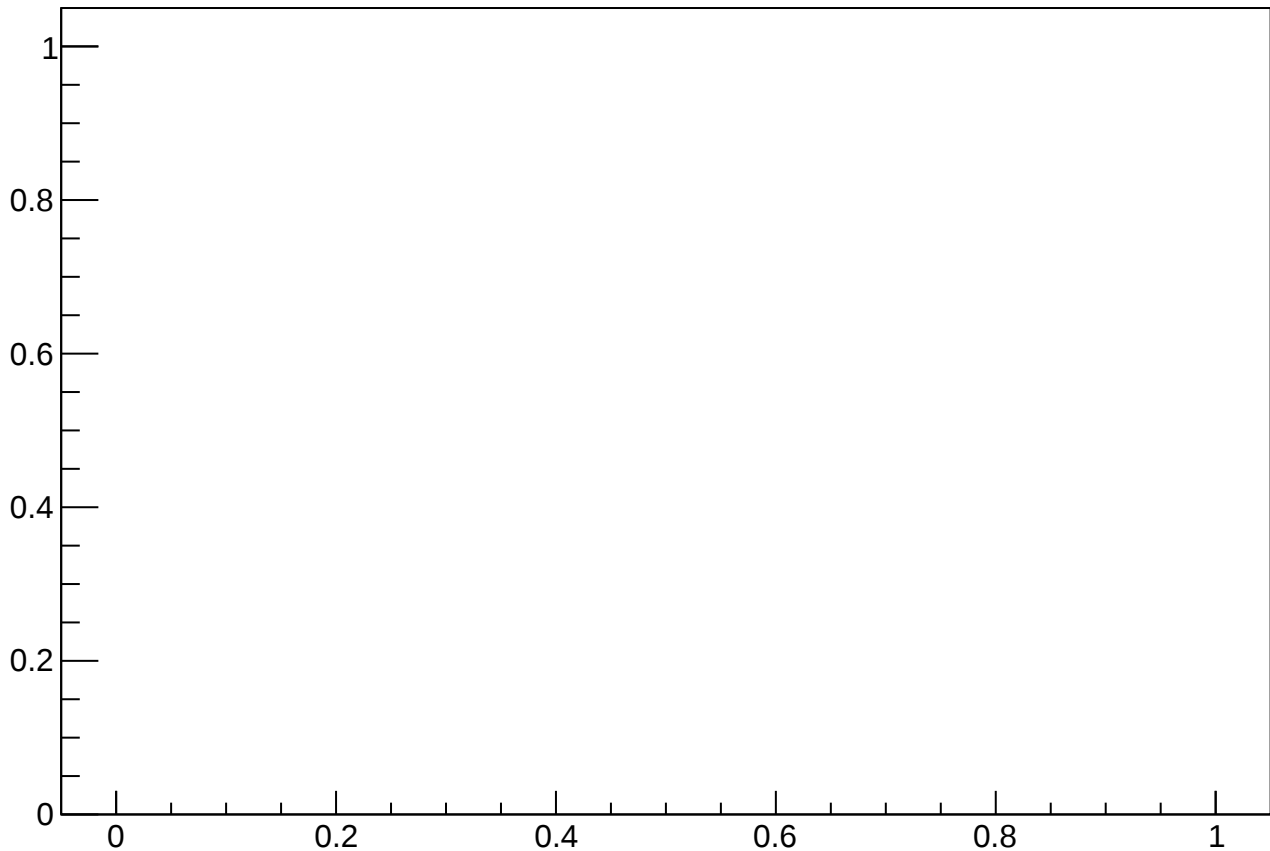
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

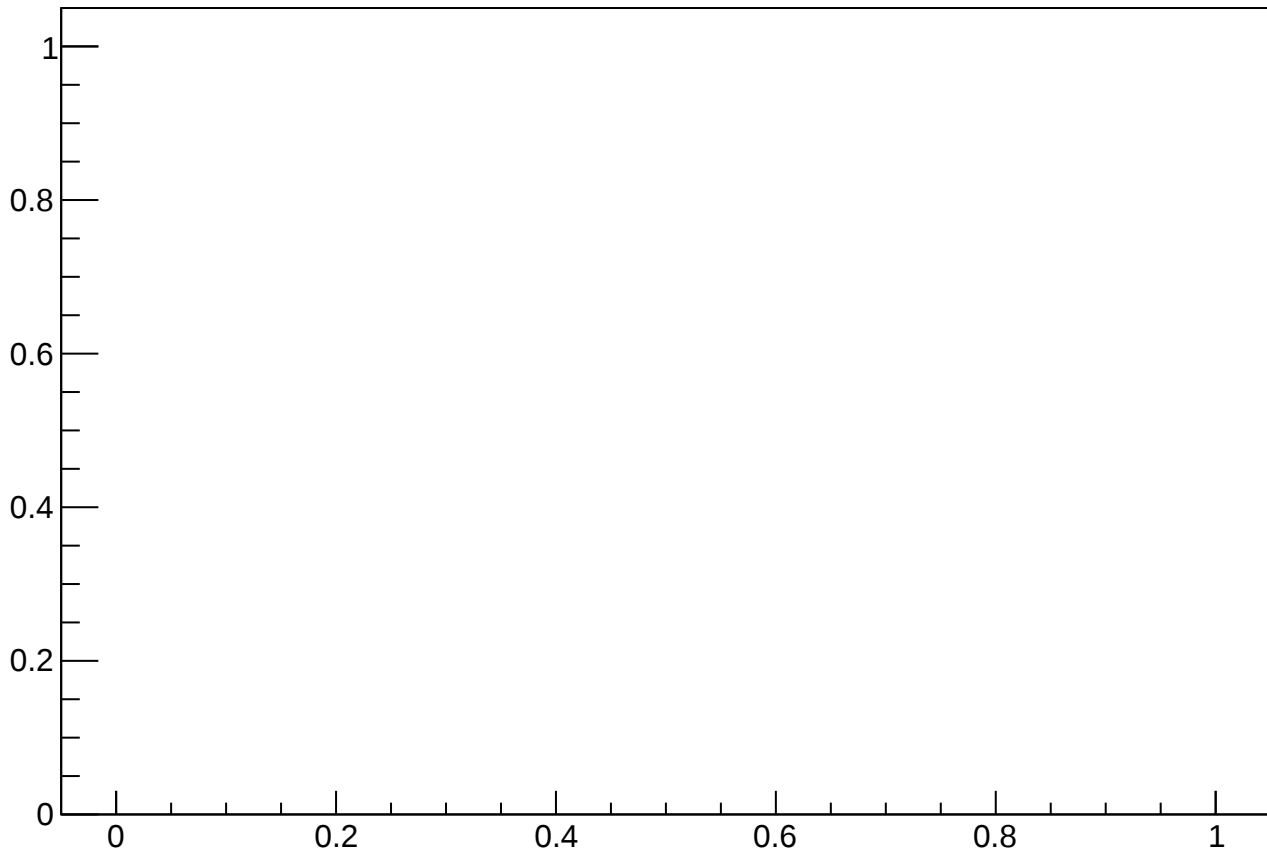
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

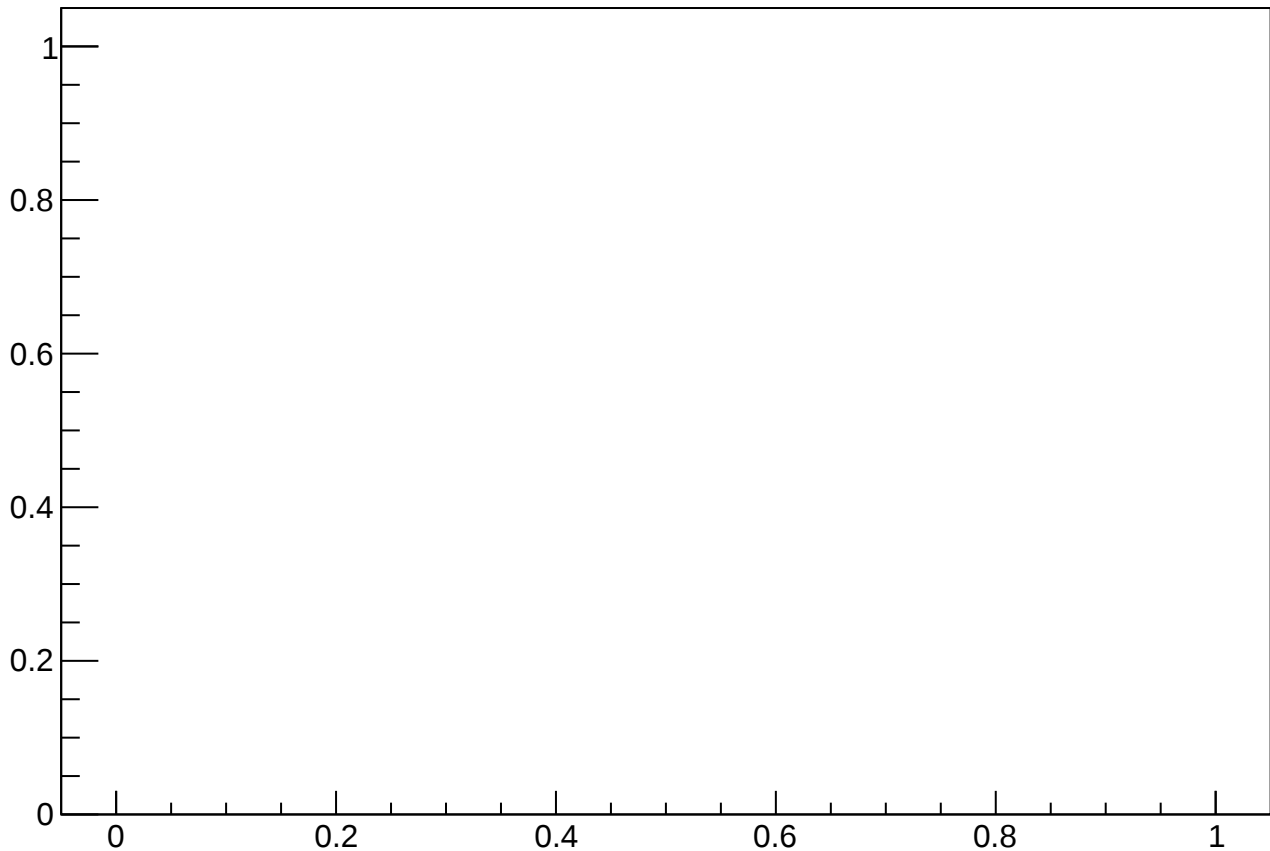
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

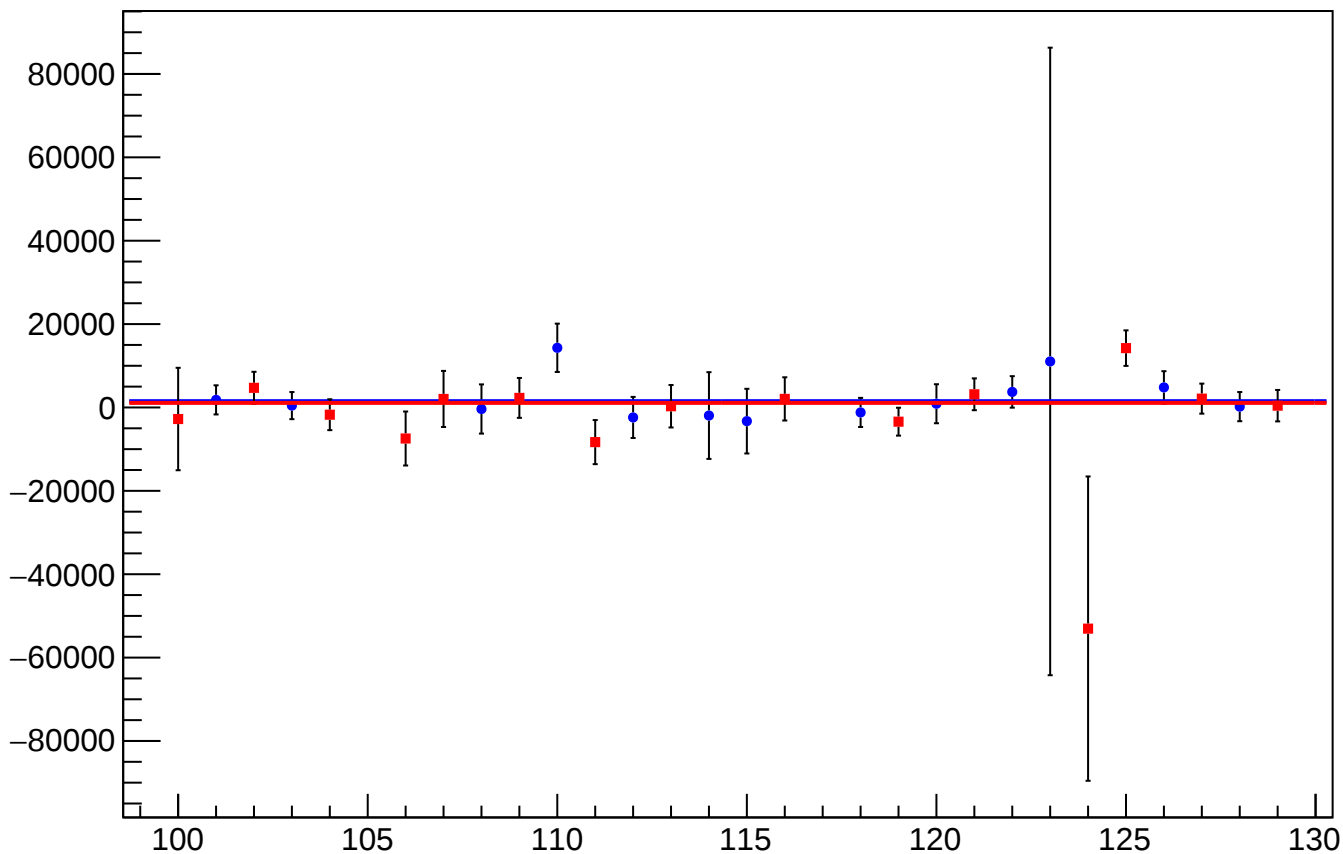
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1508.163+/-1242.456 χ^2/NDF : 8.0/12

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

Right Out: 1101.826+/-1187.139 χ^2/NDF : 20.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

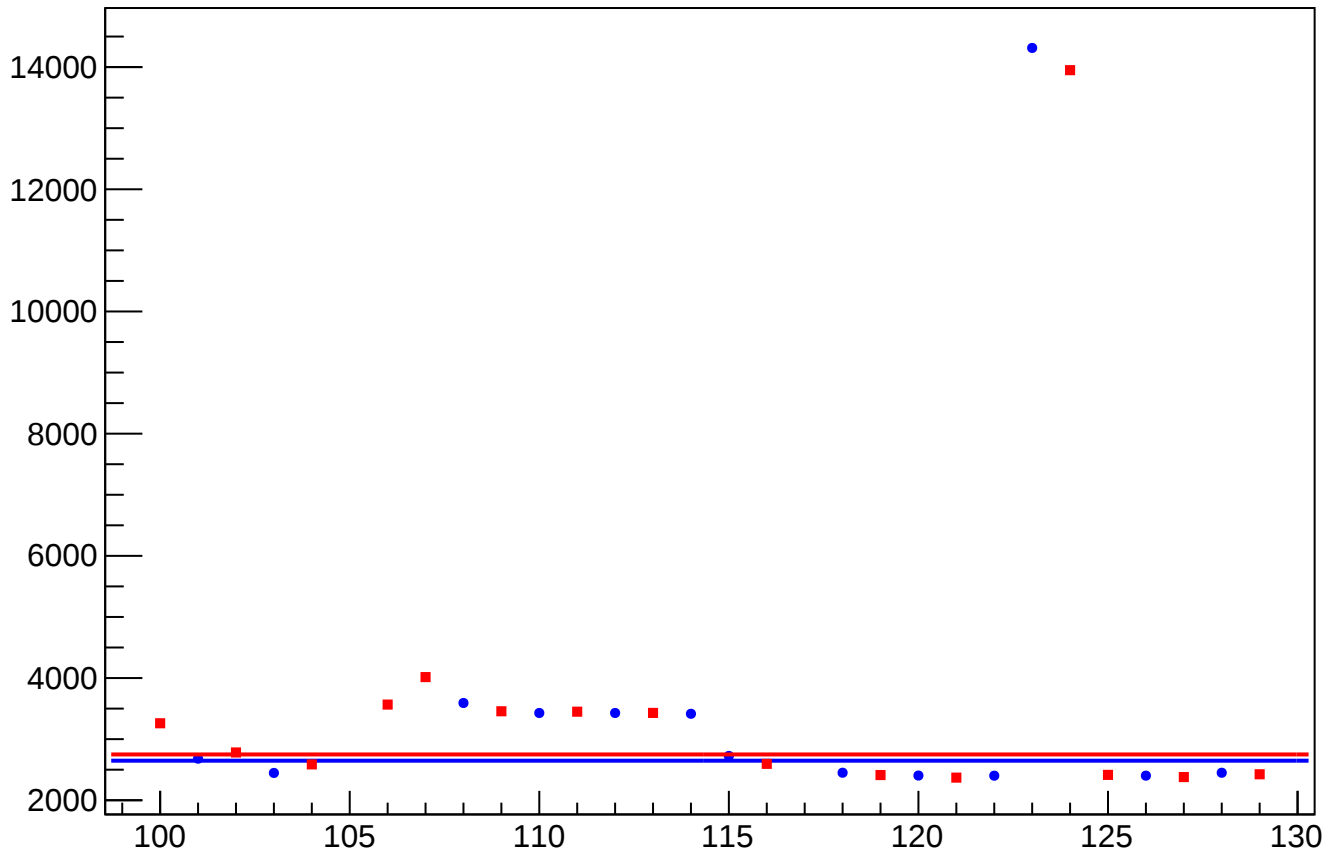
Right: 1295.748+/-858.324 χ^2/NDF : 28.6/27

In: 1508.163+/-1242.456 χ^2/NDF : 8.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1295.748+/-858.324 χ^2/NDF : 28.6/27

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2647.390+/-0.879 χ^2/NDF : 239229.3/12

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

Right Out: 2749.541+/-0.839 χ^2/NDF : 502882.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

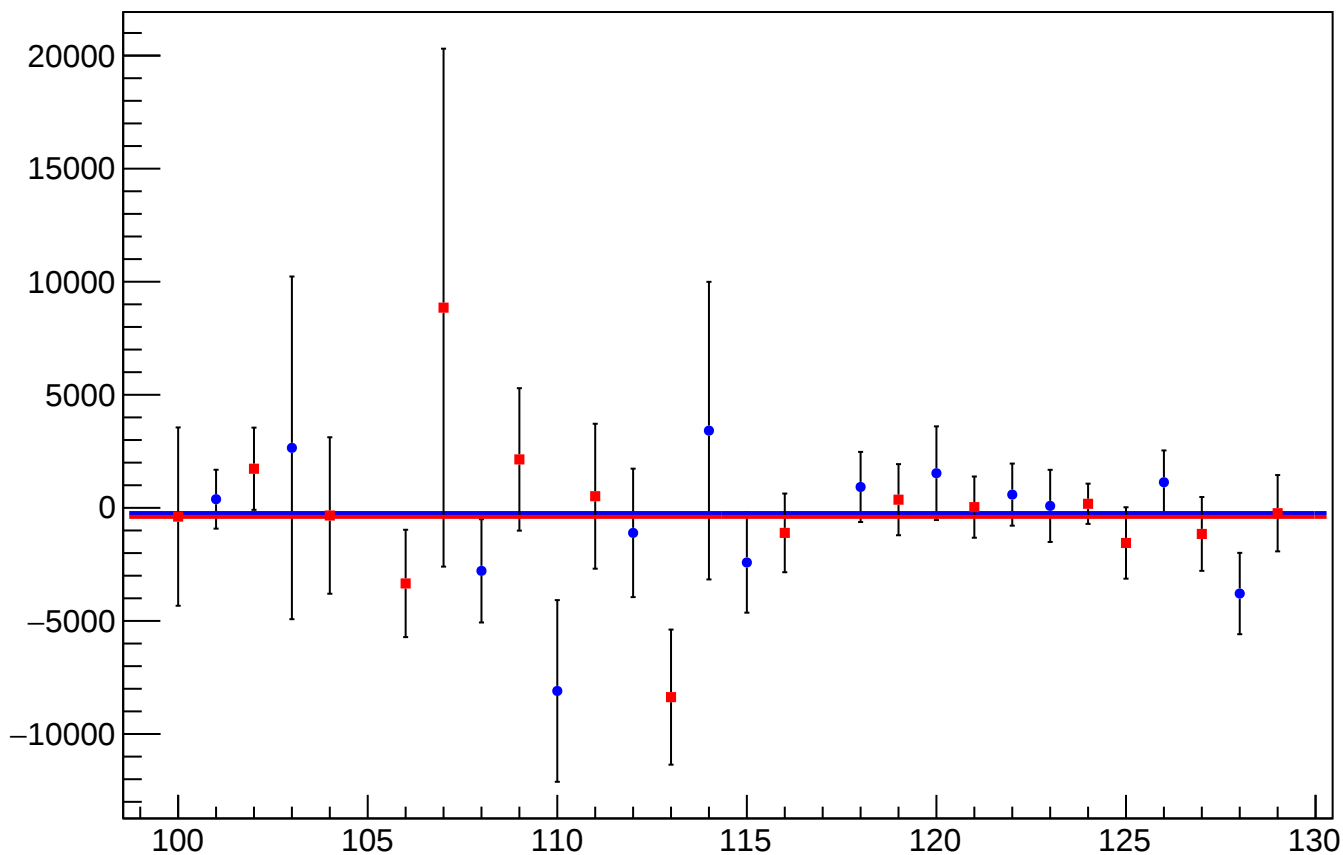
Right: 2700.790+/-0.607 χ^2/NDF : 749179.4/27

In: 2647.390+/-0.879 χ^2/NDF : 239229.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2700.790+/-0.607 χ^2/NDF : 749179.4/27

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -229.329+/-527.230 χ^2/NDF : 13.3/12

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

Right Out: -398.209+/-465.305 χ^2/NDF : 13.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

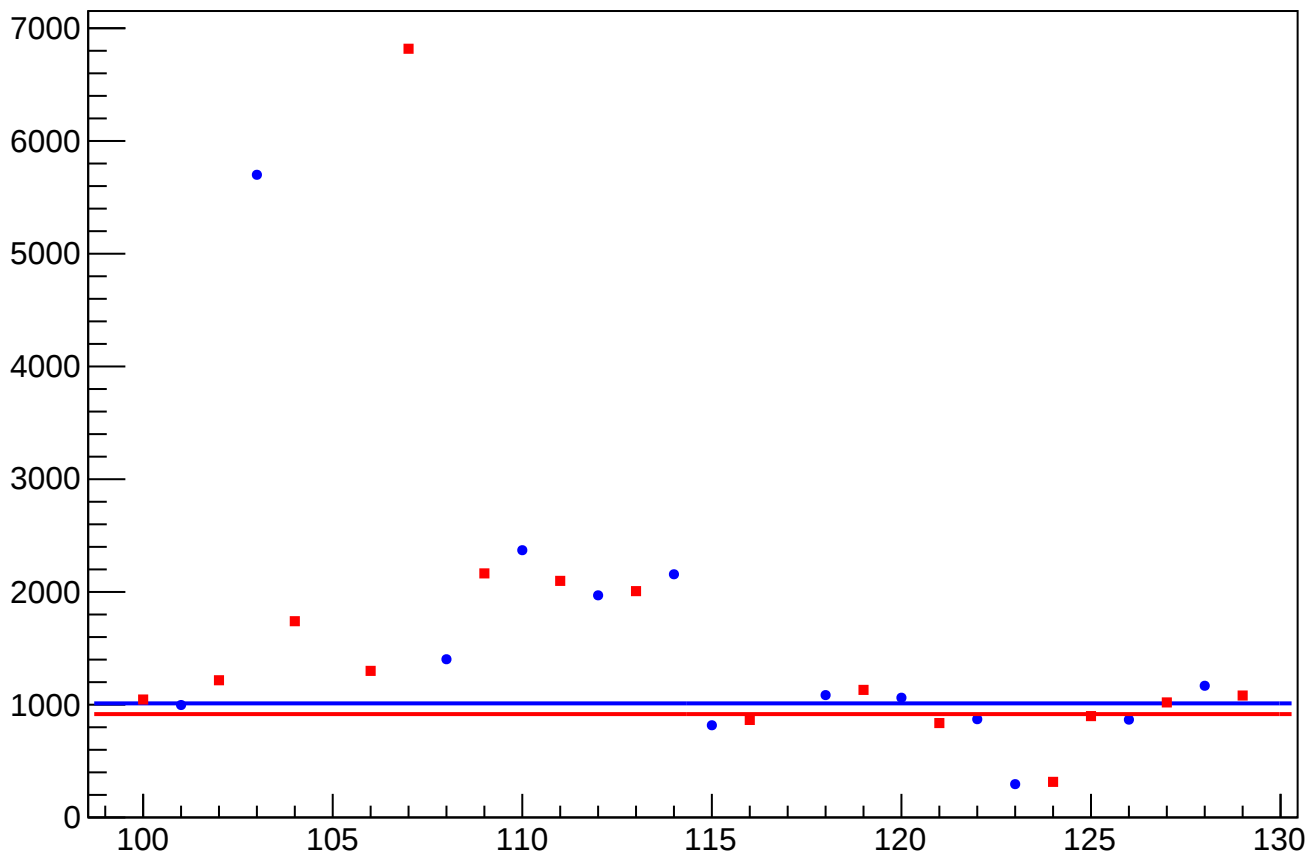
Right: -324.265+/-348.870 χ^2/NDF : 26.5/27

In: -229.329+/-527.230 χ^2/NDF : 13.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -324.265+/-348.870 χ^2/NDF : 26.5/27

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1011.836+/-0.373 χ^2/NDF : 1822966.0/12

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

Right Out: 916.737+/-0.329 χ^2/NDF : 2593033.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

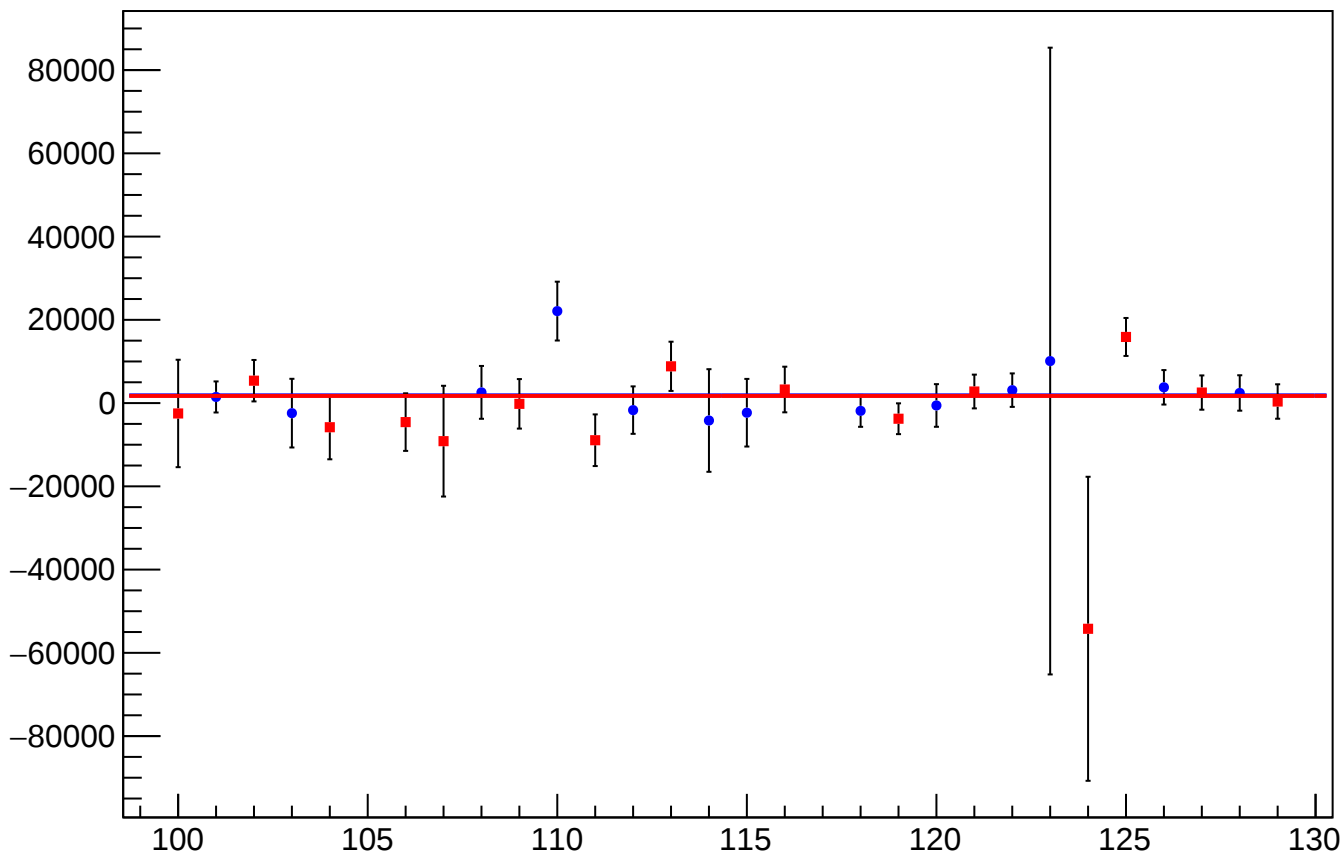
Right: 958.376+/-0.247 χ^2/NDF : 4452578.5/27

In: 1011.836+/-0.373 χ^2/NDF : 1822966.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 958.376+/-0.247 χ^2/NDF : 4452578.5/27

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1852.472+/-1465.523 χ^2/NDF : 10.9/12

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

Right Out: 1721.333+/-1405.988 χ^2/NDF : 22.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

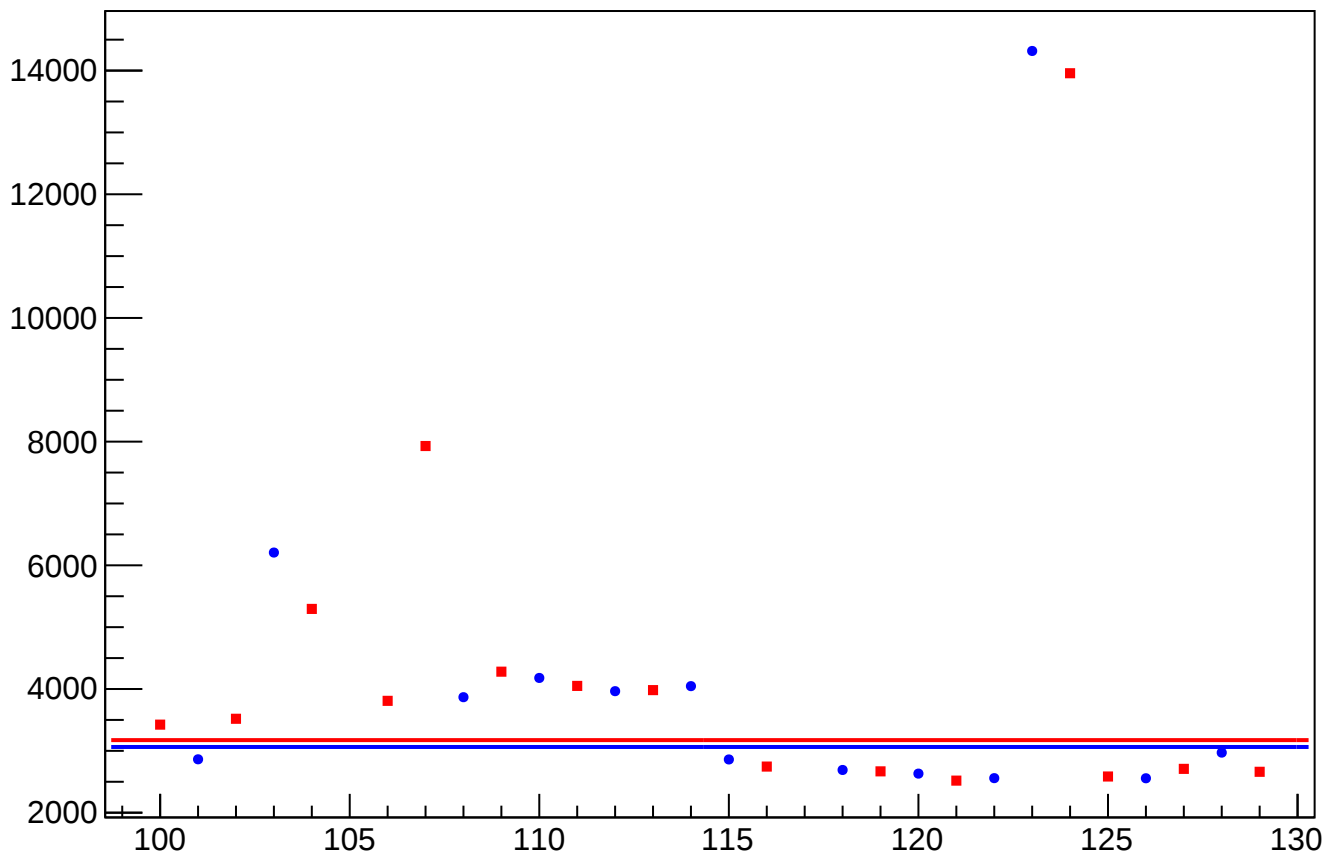
Right: 1784.185+/-1014.578 χ^2/NDF : 33.0/27

In: 1852.472+/-1465.523 χ^2/NDF : 10.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1784.185+/-1014.578 χ^2/NDF : 33.0/27

asym_atl1_rms vs Slug, Sign Corrected



Right In: 3062.493+/-1.036 χ^2/NDF : 582203.8/12

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

Right Out: 3173.455+/-0.994 χ^2/NDF : 946232.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

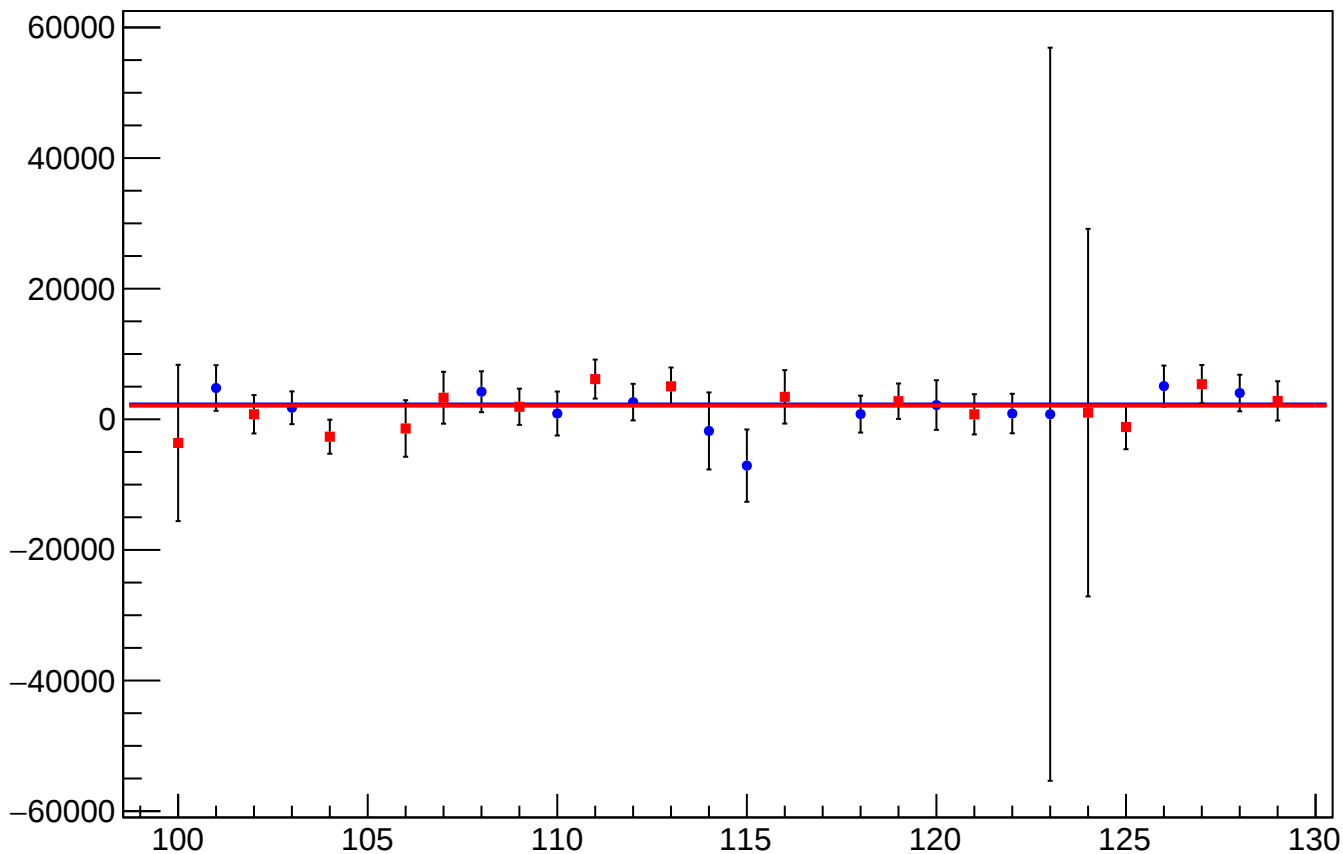
Right: 3120.274+/-0.717 χ^2/NDF : 1534406.5/27

In: 3062.493+/-1.036 χ^2/NDF : 582203.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3120.274+/-0.717 χ^2/NDF : 1534406.5/27

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2264.711+/-931.458 χ^2/NDF : 6.1/12

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

Right Out: 2090.538+/-855.779 χ^2/NDF : 10.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

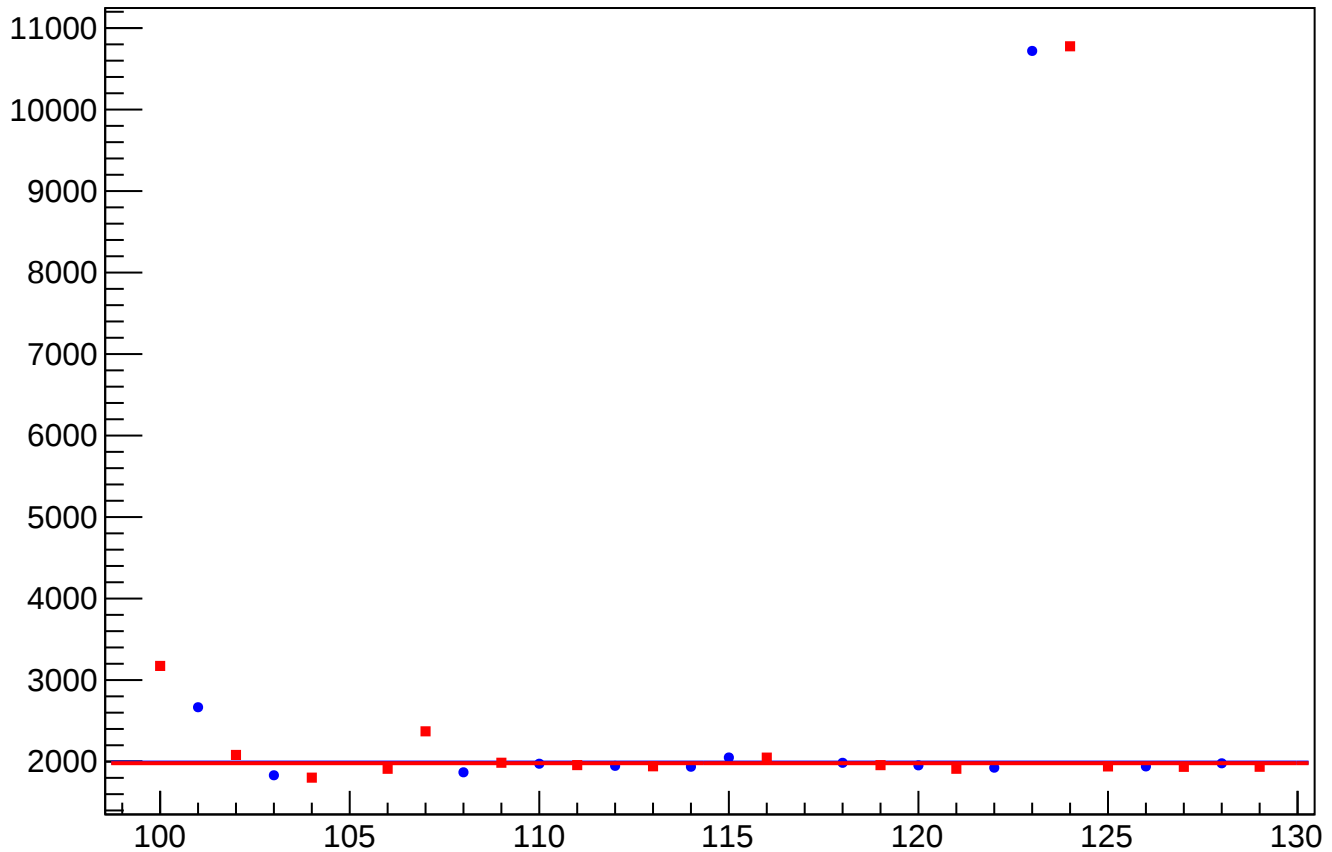
Right: 2170.262+/-630.186 χ^2/NDF : 16.2/27

In: 2264.711+/-931.458 χ^2/NDF : 6.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2170.262+/-630.186 χ^2/NDF : 16.2/27

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1987.652+/-0.659 χ^2/NDF : 136846.5/12

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

Right Out: 1979.867+/-0.605 χ^2/NDF : 250217.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

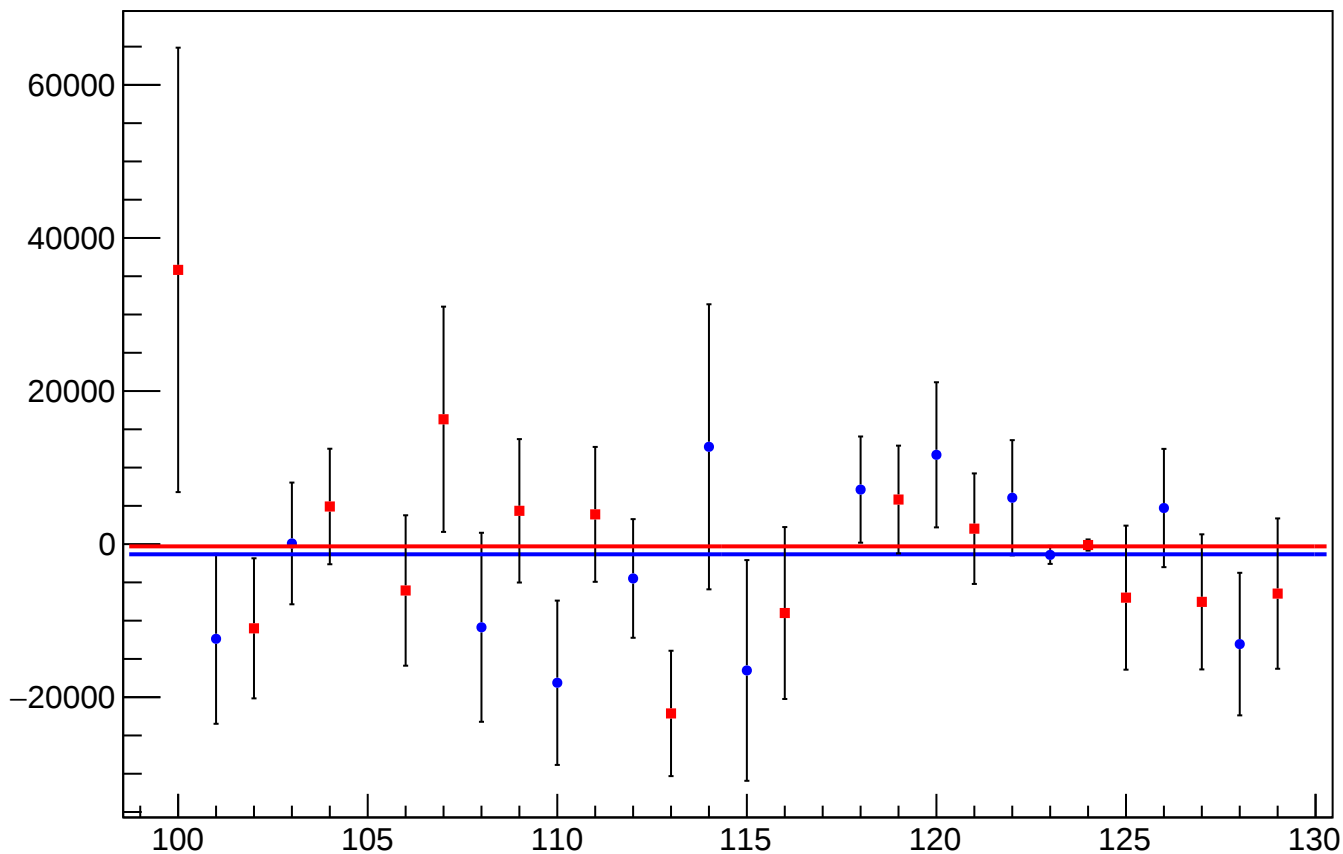
Right: 1983.430+/-0.446 χ^2/NDF : 387139.5/27

In: 1987.652+/-0.659 χ^2/NDF : 136846.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1983.430+/-0.446 χ^2/NDF : 387139.5/27

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -1329.883+/-1075.393 χ^2/NDF : 12.4/12

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

Right Out: -293.506+/-699.741 χ^2/NDF : 15.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

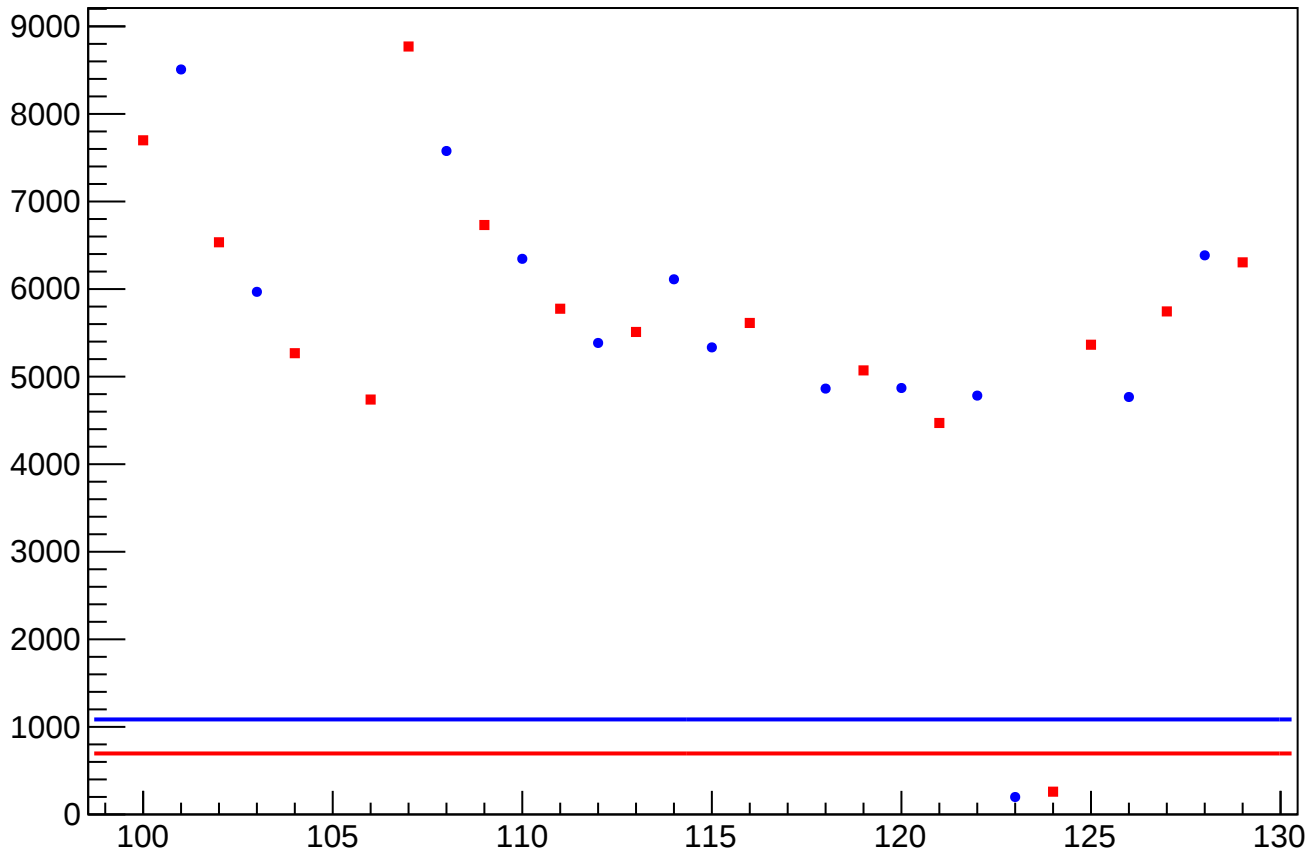
Right: -601.778+/-586.510 χ^2/NDF : 28.8/27

In: -1329.883+/-1075.393 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -601.778+/-586.510 χ^2/NDF : 28.8/27

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1085.079+/-0.760 χ^2/NDF : 7248286.9/12

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

Right Out: 696.473+/-0.495 χ^2/NDF : 9003699.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

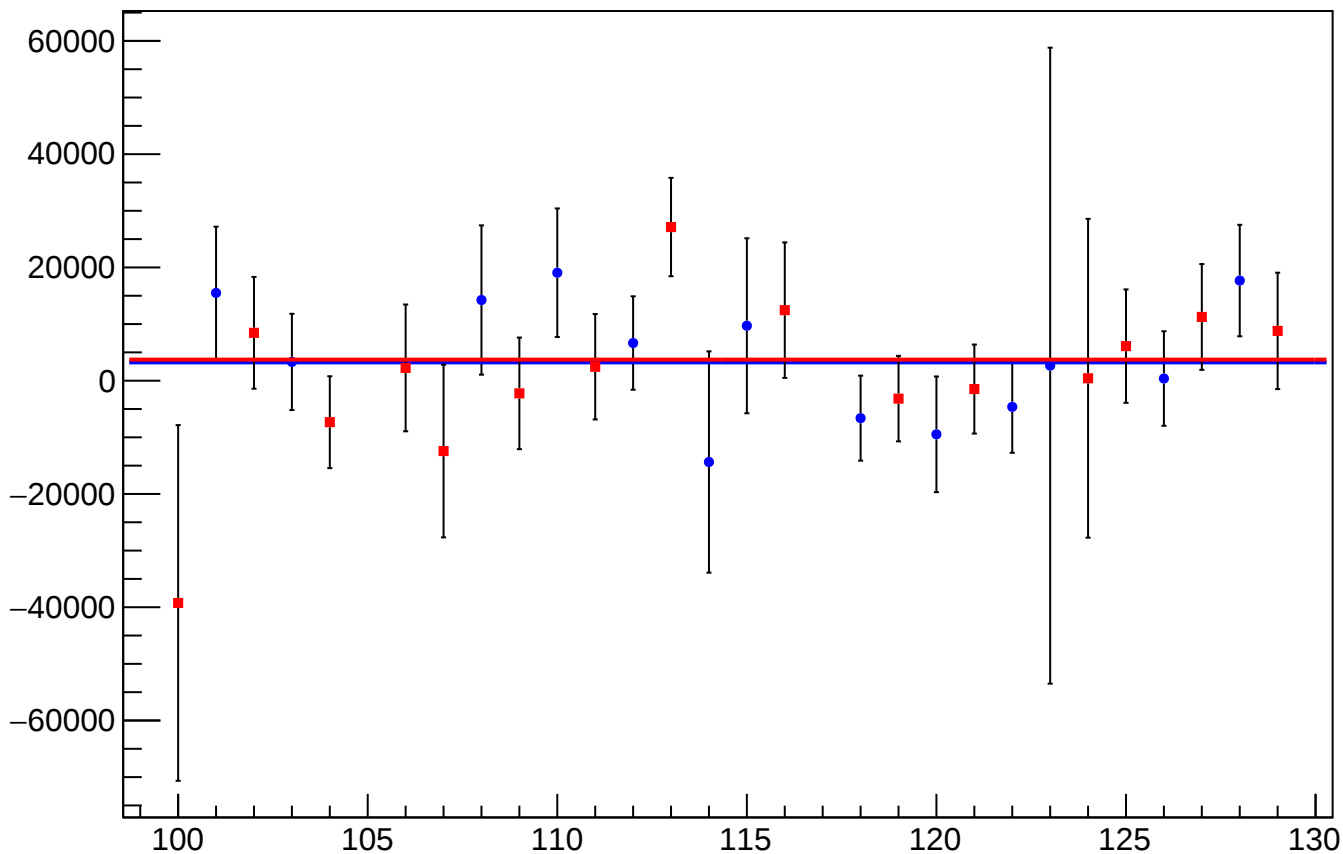
Right: 812.064+/-0.415 χ^2/NDF : 16435467.6/27

In: 1085.079+/-0.760 χ^2/NDF : 7248286.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 812.064+/-0.415 χ^2/NDF : 16435467.6/27

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3238.211+/-2843.387 χ^2/NDF : 11.4/12

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

Right Out: 3725.018+/-2610.462 χ^2/NDF : 15.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

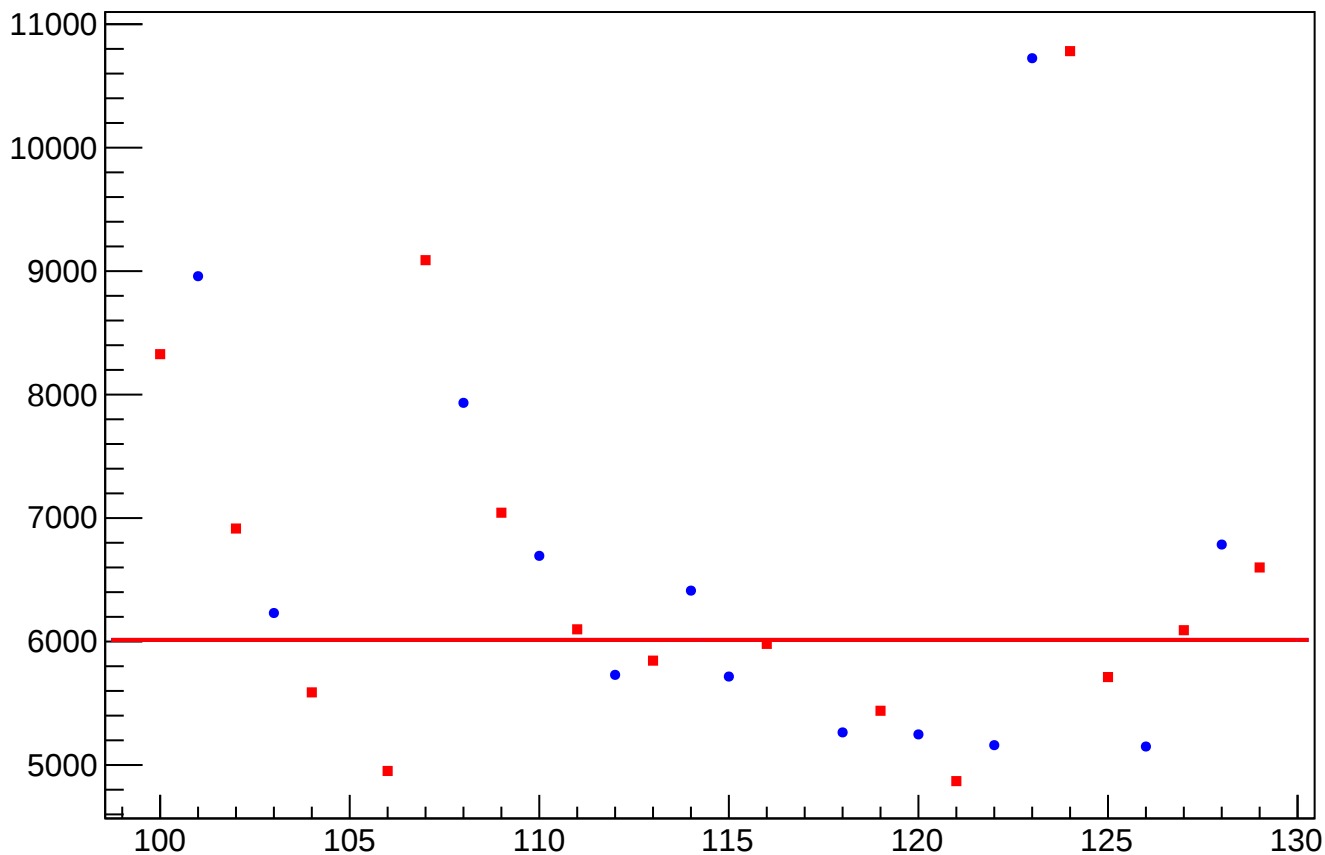
Right: 3502.367+/-1922.957 χ^2/NDF : 26.9/27

In: 3238.211+/-2843.387 χ^2/NDF : 11.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3502.367+/-1922.957 χ^2/NDF : 26.9/27

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6013.330+/-2.011 χ^2/NDF : 282712.5/12

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

Right Out: 6013.036+/-1.846 χ^2/NDF : 274994.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

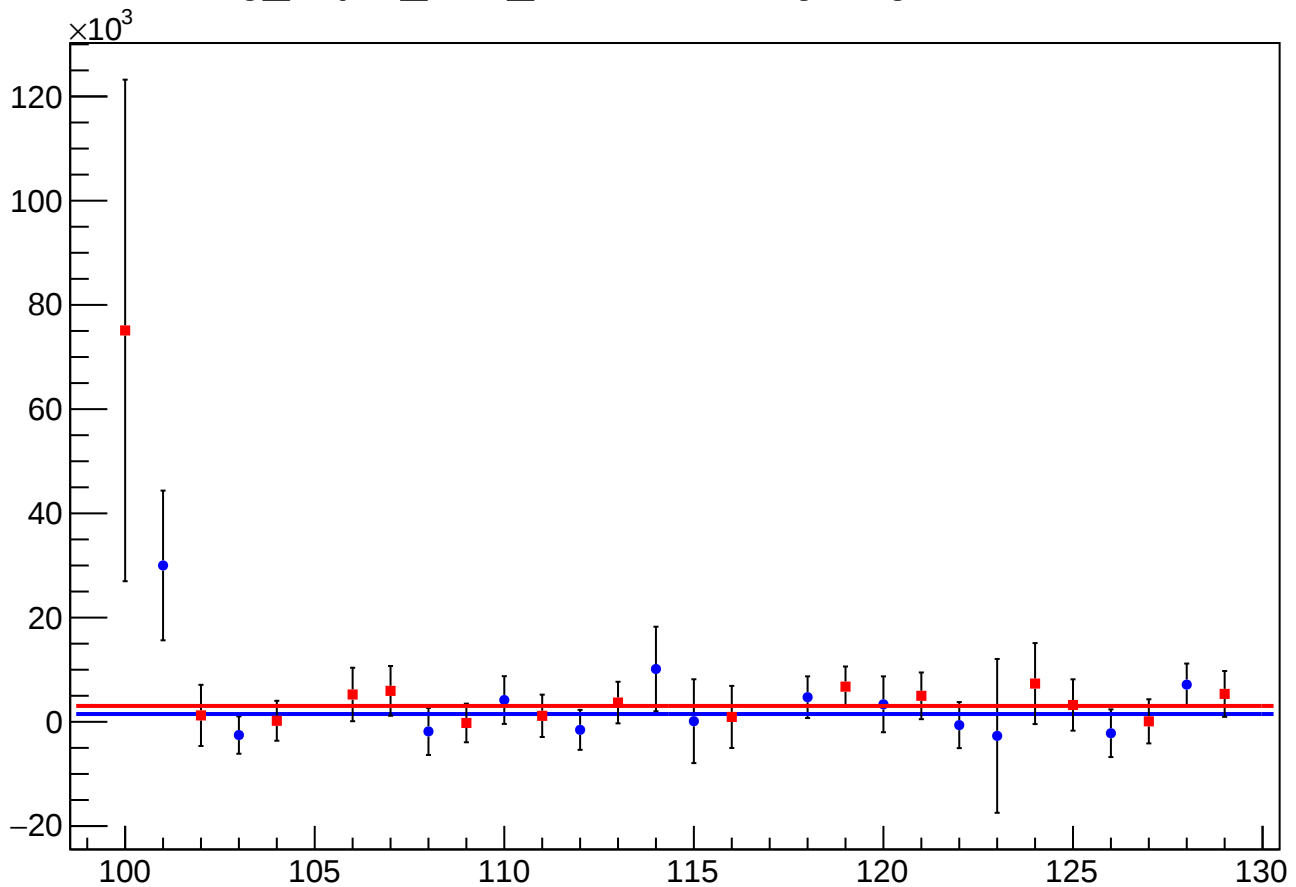
Right: 6013.170+/-1.360 χ^2/NDF : 557707.2/27

In: 6013.330+/-2.011 χ^2/NDF : 282712.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6013.170+/-1.360 χ^2/NDF : 557707.2/27

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1499.399+/-1360.904 χ^2/NDF : 11.6/12

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

Right Out: 3052.776+/-1207.102 χ^2/NDF : 6.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

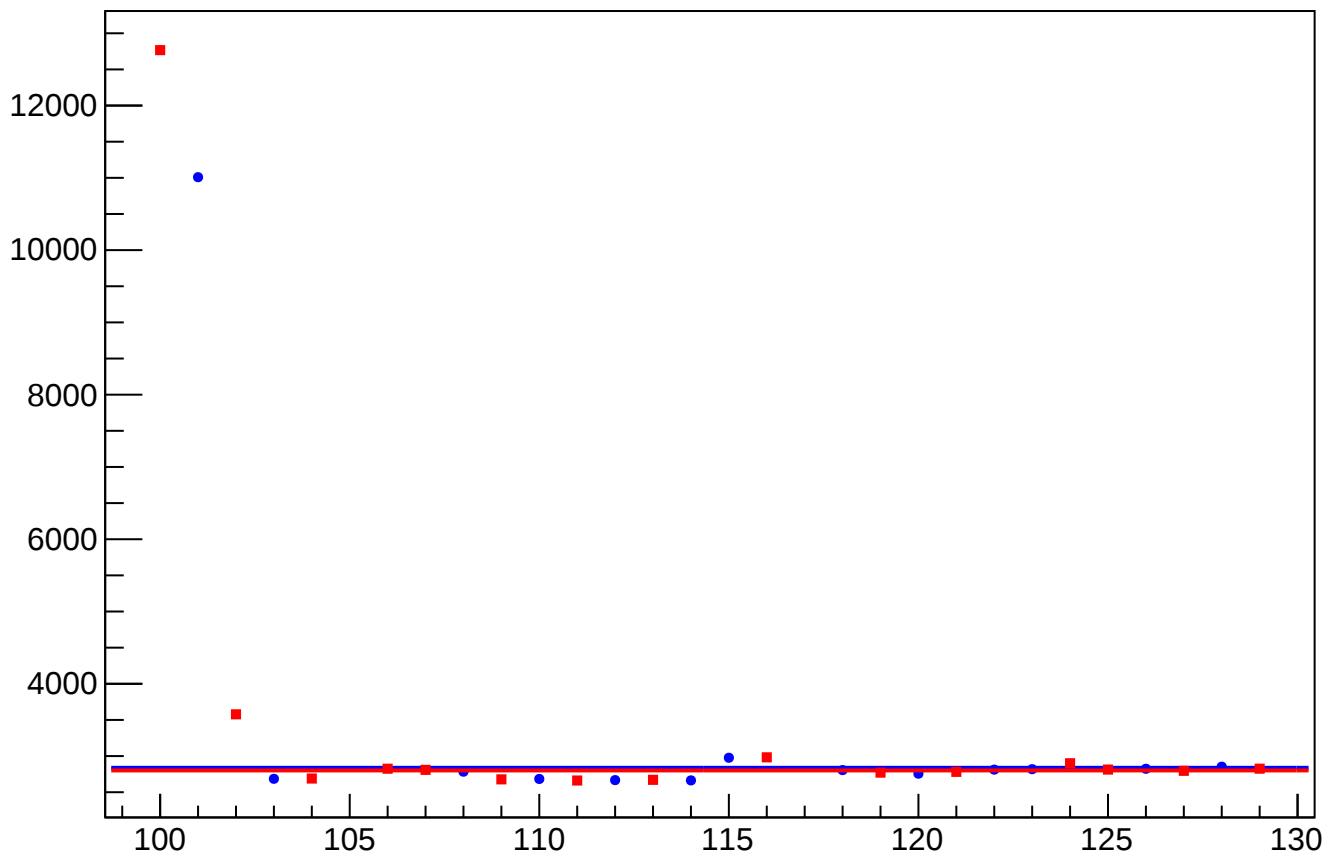
Right: 2368.789+/-903.052 χ^2/NDF : 19.1/27

In: 1499.399+/-1360.904 χ^2/NDF : 11.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2368.789+/-903.052 χ^2/NDF : 19.1/27

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2837.522+/-0.962 χ^2/NDF : 659692.1/12

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

Right Out: 2801.433+/-0.854 χ^2/NDF : 131696.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

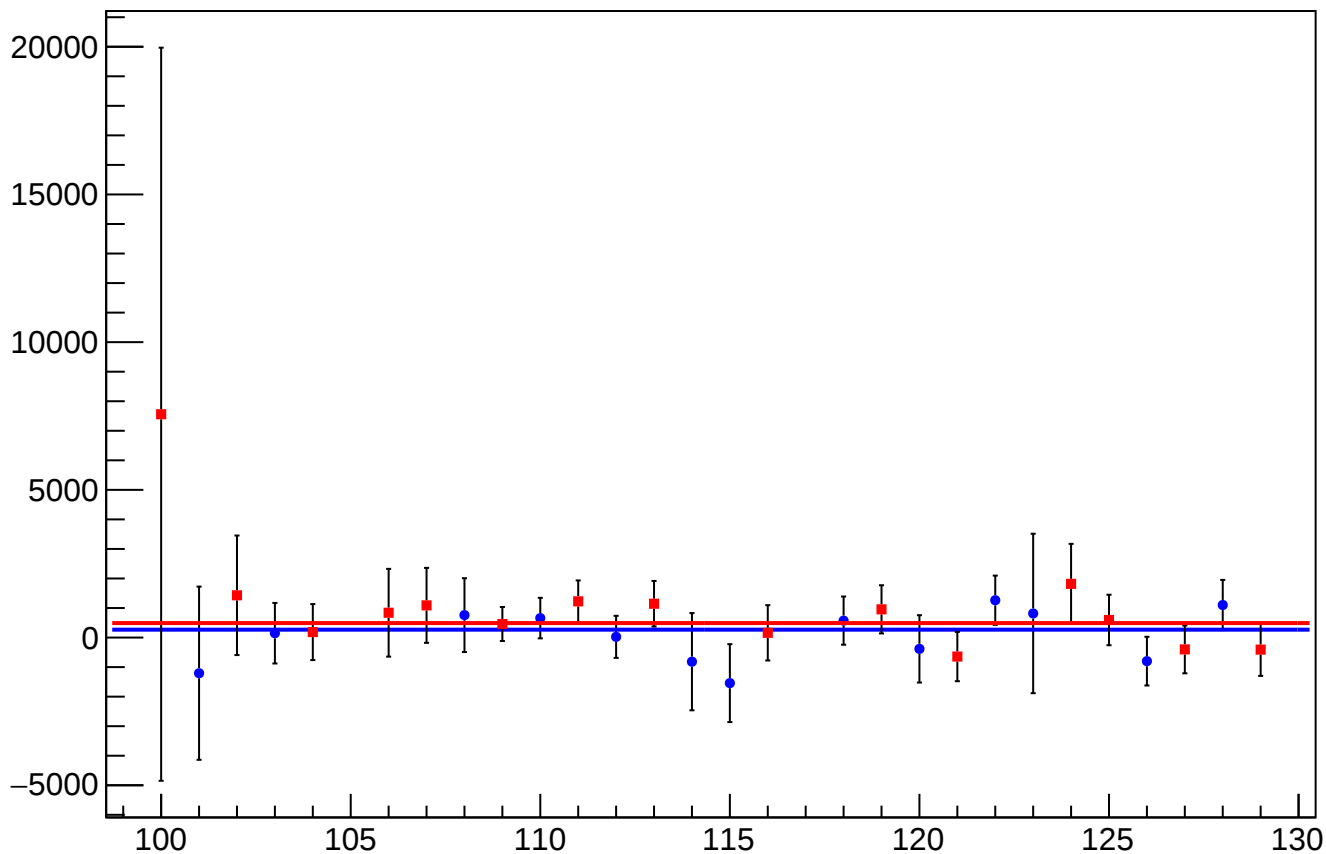
Right: 2817.324+/-0.639 χ^2/NDF : 792175.2/27

In: 2837.522+/-0.962 χ^2/NDF : 659692.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2817.324+/-0.639 χ^2/NDF : 792175.2/27

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: 267.287 ± 272.618 χ^2/NDF : 7.8/12

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

Right Out: 490.731 ± 236.315 χ^2/NDF : 8.2/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

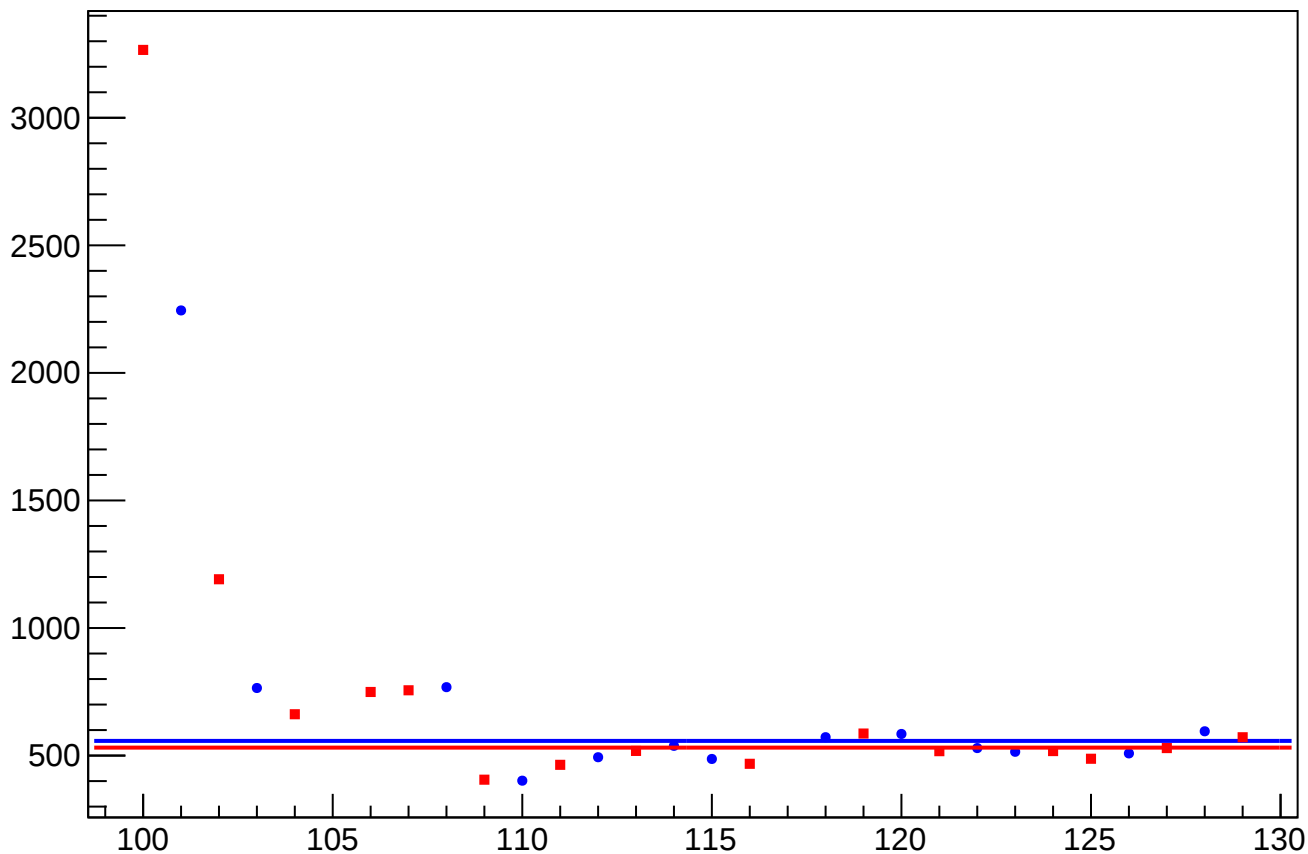
Right: 394.867 ± 178.566 χ^2/NDF : 16.4/27

In: 267.287 ± 272.618 χ^2/NDF : 7.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 394.867 ± 178.566 χ^2/NDF : 16.4/27

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 557.534+/-0.193 χ^2/NDF : 942276.5/12

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

Right Out: 531.221+/-0.167 χ^2/NDF : 596257.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

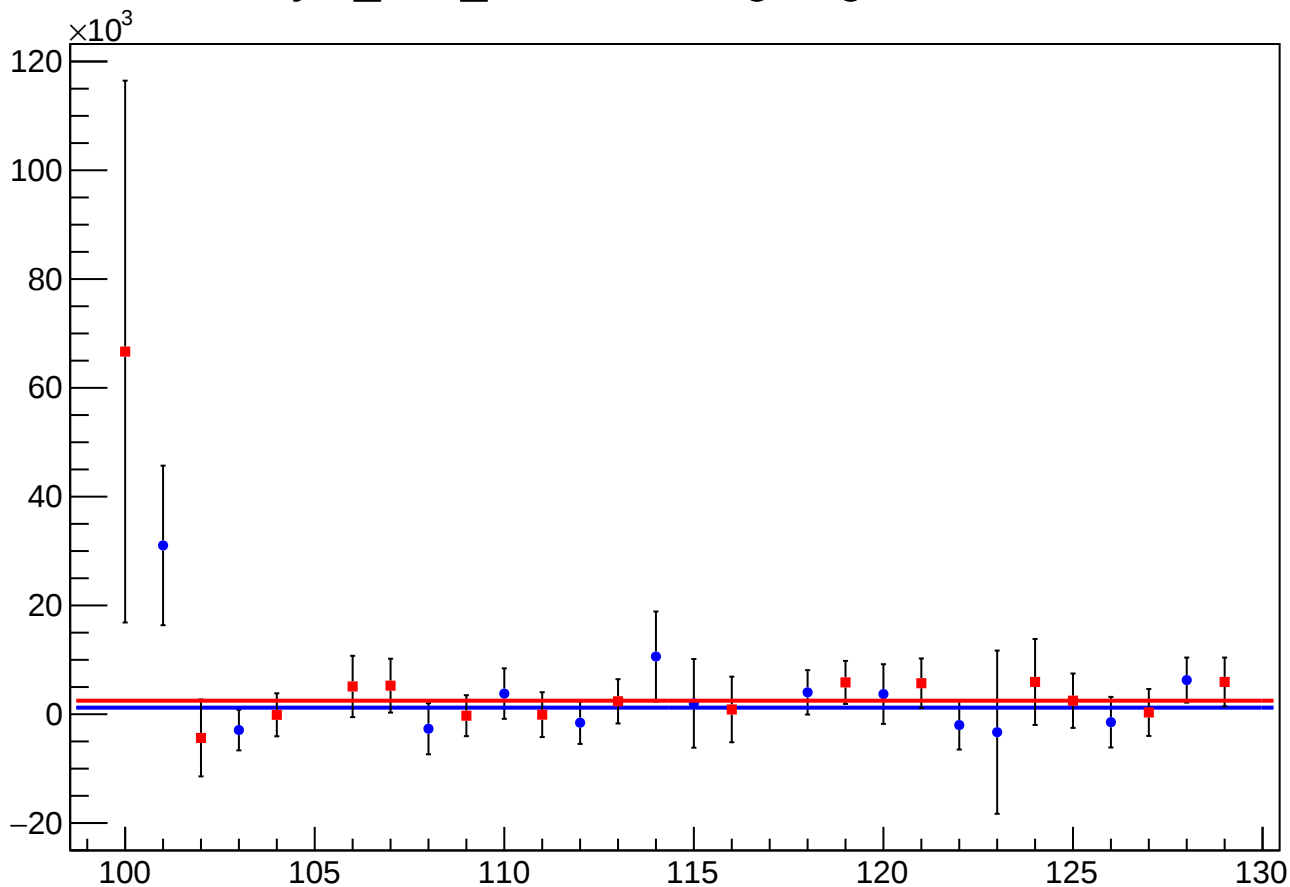
Right: 542.510+/-0.126 χ^2/NDF : 1549172.3/27

In: 557.534+/-0.193 χ^2/NDF : 942276.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 542.510+/-0.126 χ^2/NDF : 1549172.3/27

asym_atr1_mean vs Slug, Sign Corrected



Right In: 1212.616+/-1393.440 χ^2/NDF : 11.3/12

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

Right Out: 2491.521+/-1244.312 χ^2/NDF : 6.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

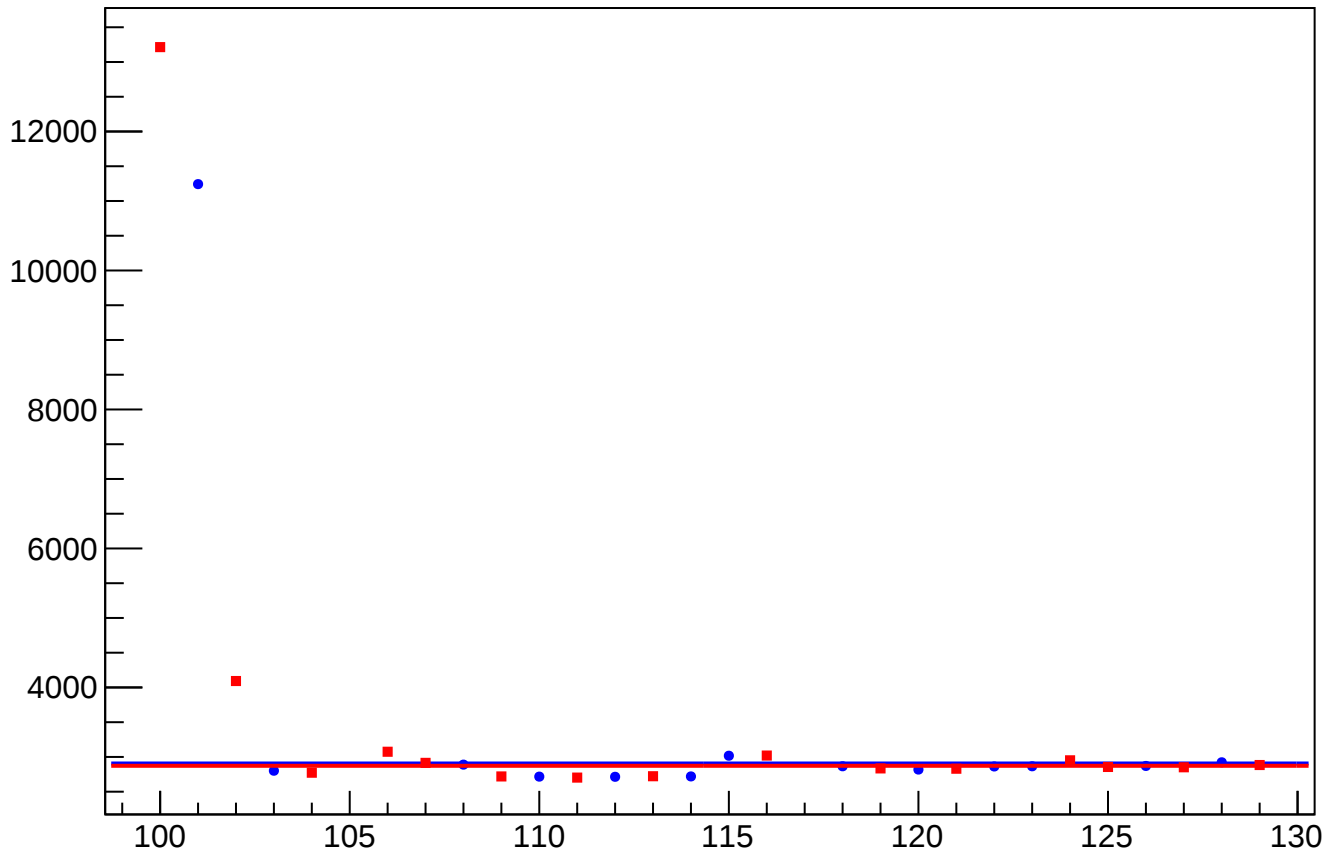
Right: 1924.142+/-928.123 χ^2/NDF : 18.5/27

In: 1212.616+/-1393.440 χ^2/NDF : 11.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1924.142+/-928.123 χ^2/NDF : 18.5/27

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2905.753+/-0.985 χ^2/NDF : 658405.1/12

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

Right Out: 2872.764+/-0.880 χ^2/NDF : 161119.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

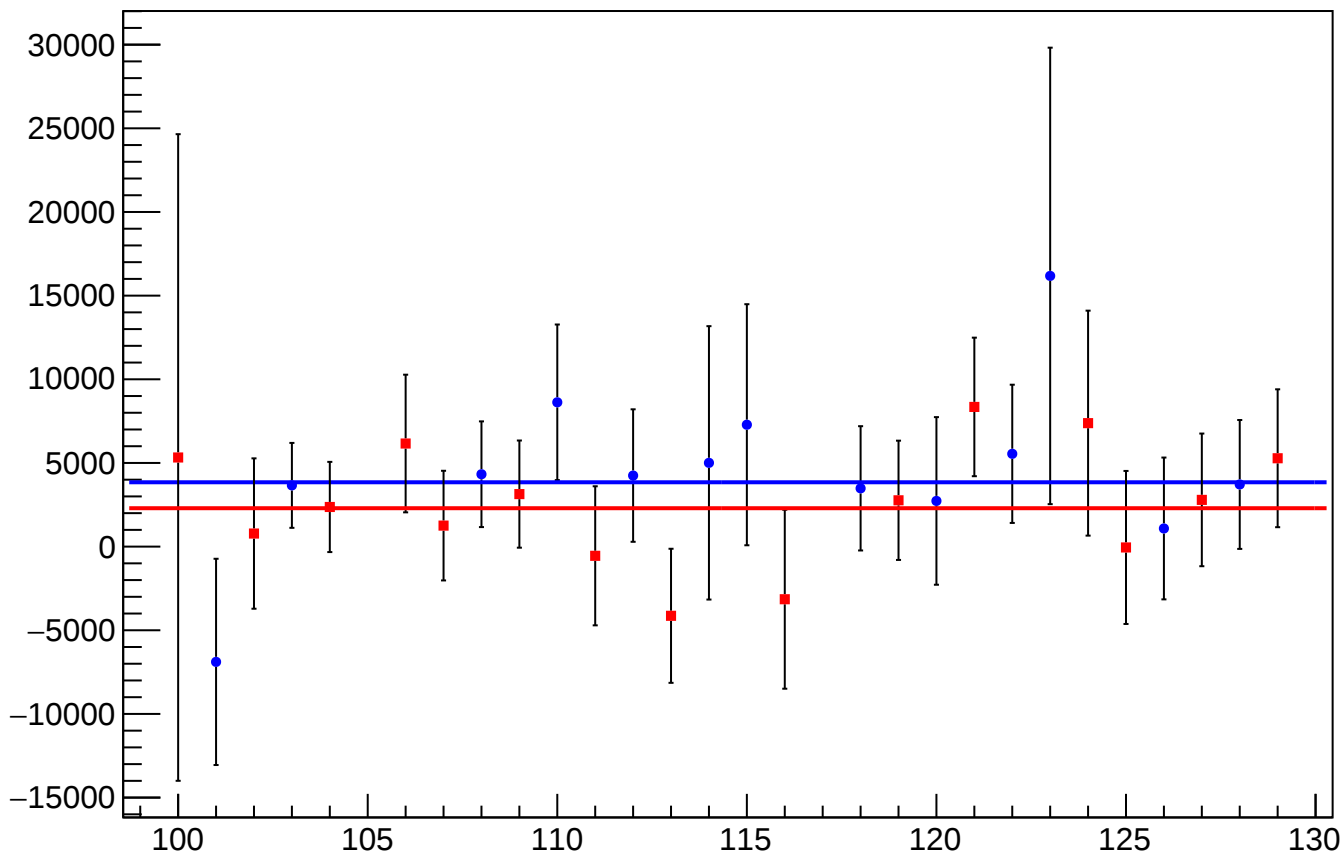
Right: 2887.399+/-0.656 χ^2/NDF : 820148.2/27

In: 2905.753+/-0.985 χ^2/NDF : 658405.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2887.399+/-0.656 χ^2/NDF : 820148.2/27

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3845.100+/-1173.991 χ^2/NDF : 5.8/12

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

Right Out: 2294.733+/-1040.186 χ^2/NDF : 8.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

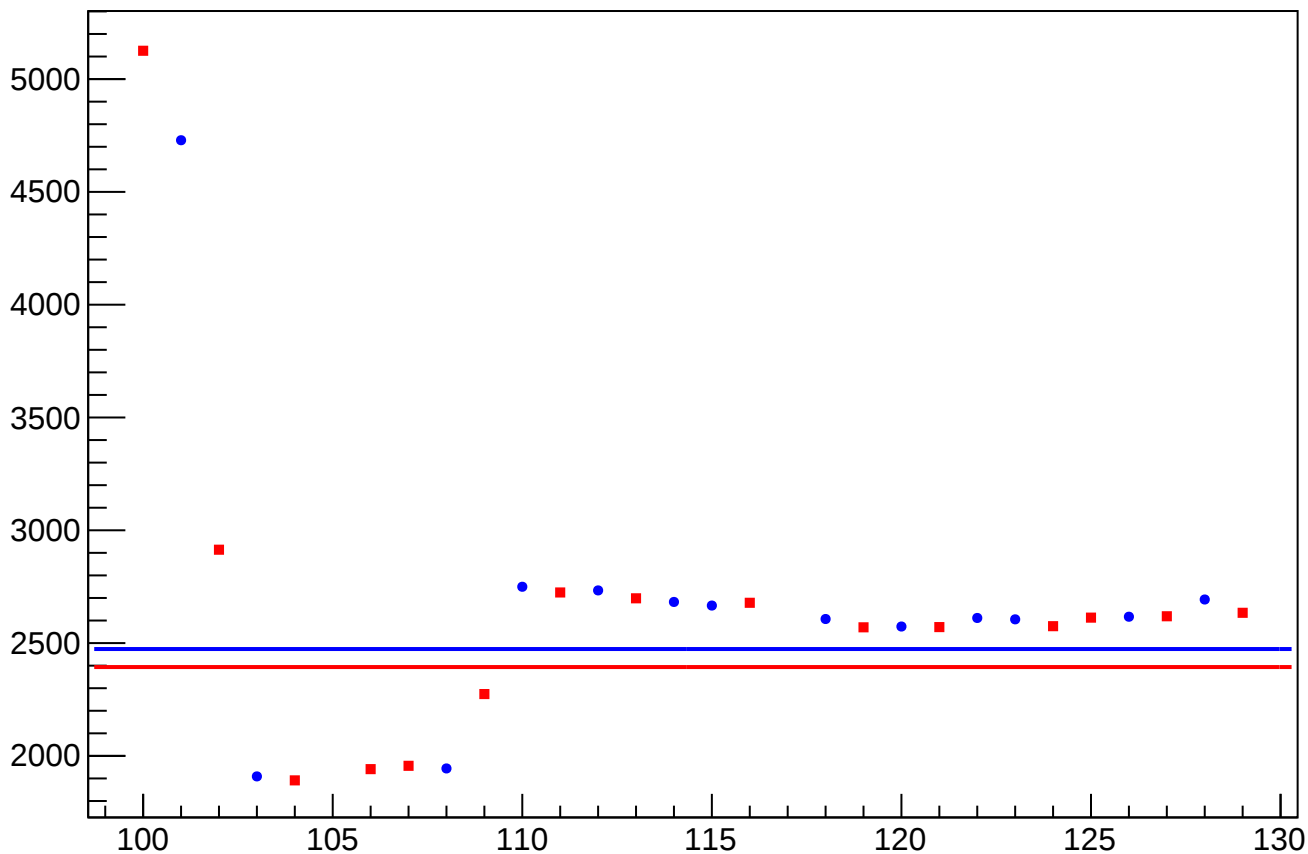
Right: 2976.567+/-778.551 χ^2/NDF : 15.6/27

In: 3845.100+/-1173.991 χ^2/NDF : 5.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2976.567+/-778.551 χ^2/NDF : 15.6/27

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2473.692+/-0.830 χ^2/NDF : 455944.0/12

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

Right Out: 2393.802+/-0.736 χ^2/NDF : 256669.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

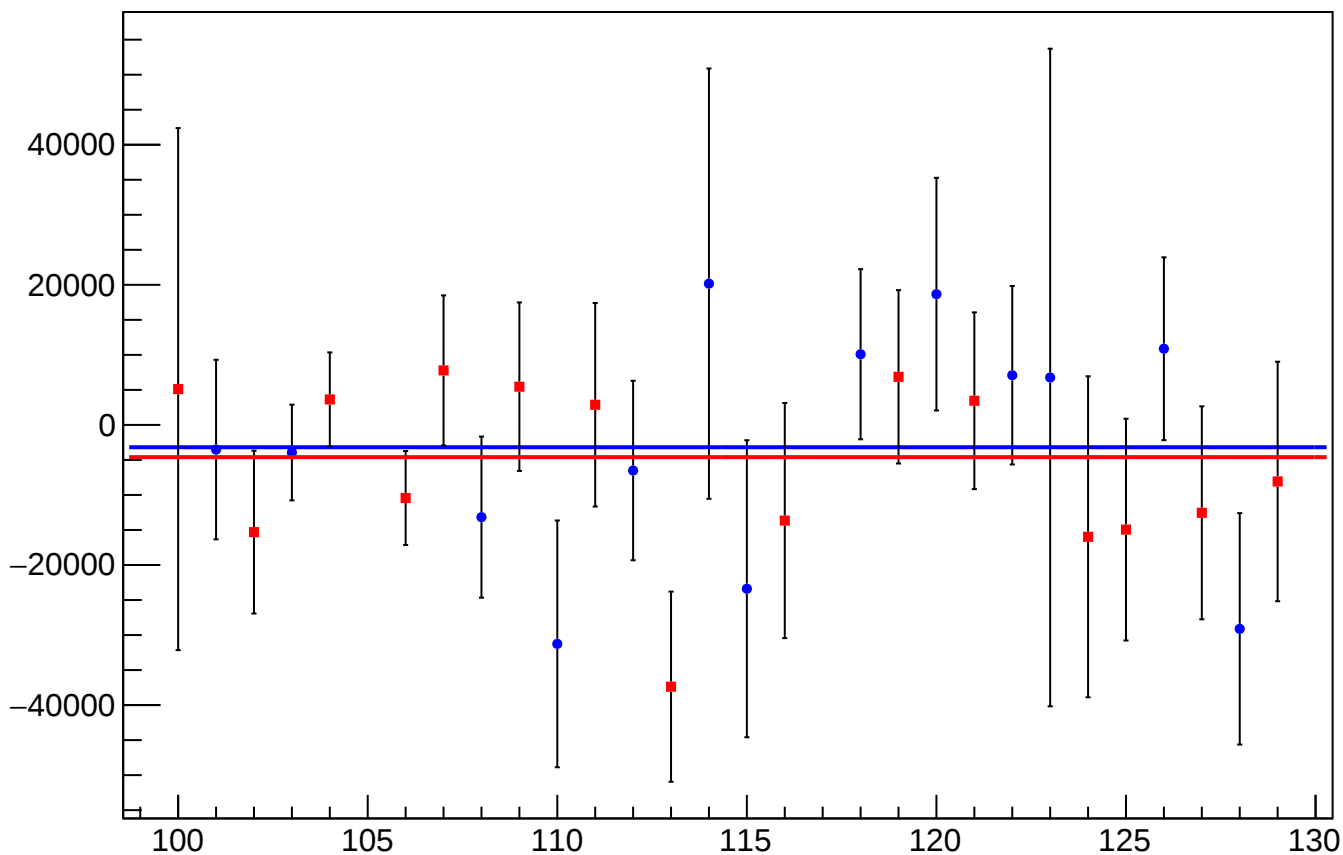
Right: 2428.937+/-0.551 χ^2/NDF : 717801.7/27

In: 2473.692+/-0.830 χ^2/NDF : 455944.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2428.937+/-0.551 χ^2/NDF : 717801.7/27

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3185.797 ± 3670.704 $\chi^2/\text{NDF}: 12.1/12$

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

Right Out: -4601.317 ± 3038.768 $\chi^2/\text{NDF}: 13.9/14$

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

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

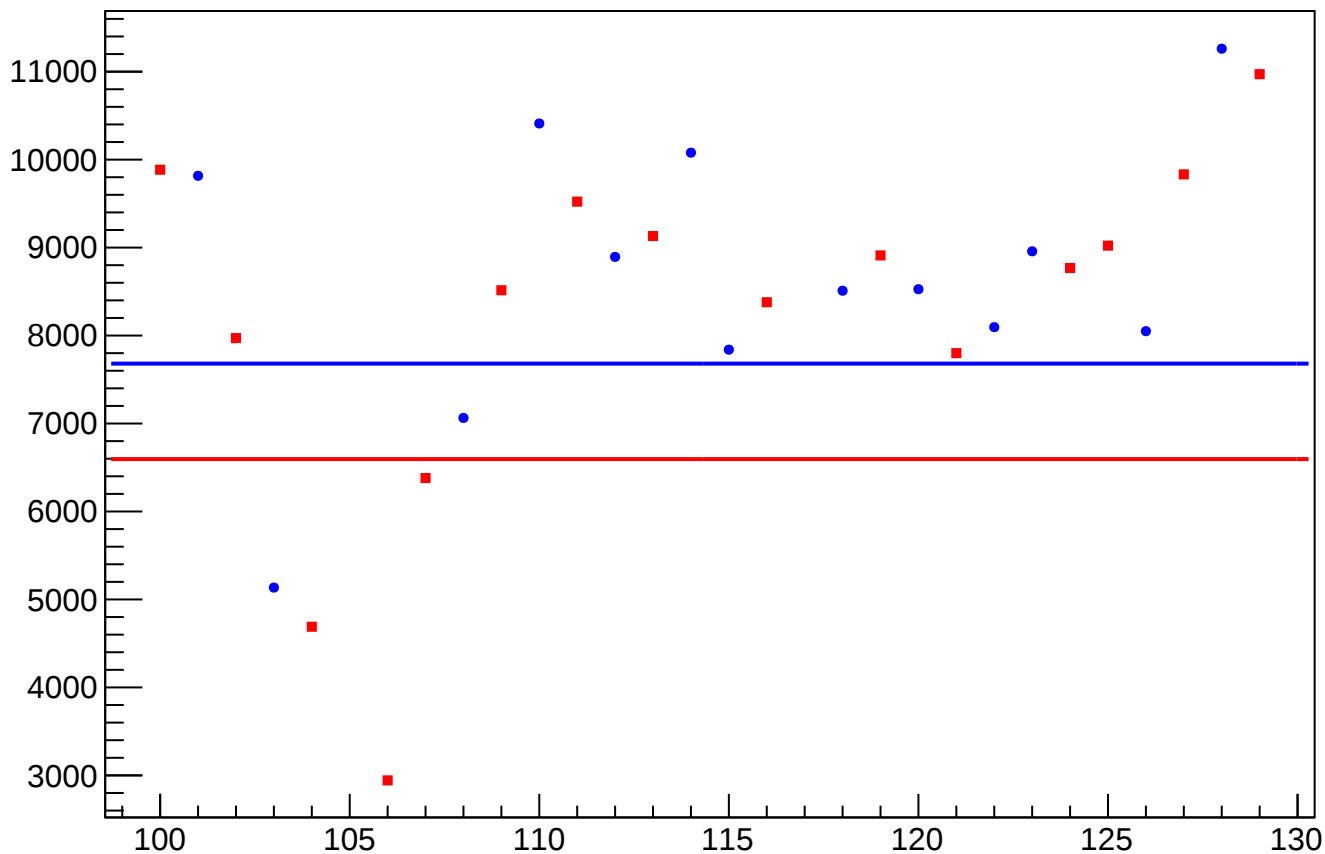
Right: -4025.706 ± 2340.754 $\chi^2/\text{NDF}: 26.0/27$

In: -3185.797 ± 3670.704 $\chi^2/\text{NDF}: 12.1/12$

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

All: -4025.706 ± 2340.754 $\chi^2/\text{NDF}: 26.0/27$

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 7680.974+/-2.596 χ^2/NDF : 530807.9/12

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

Right Out: 6595.665+/-2.149 χ^2/NDF : 1397148.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

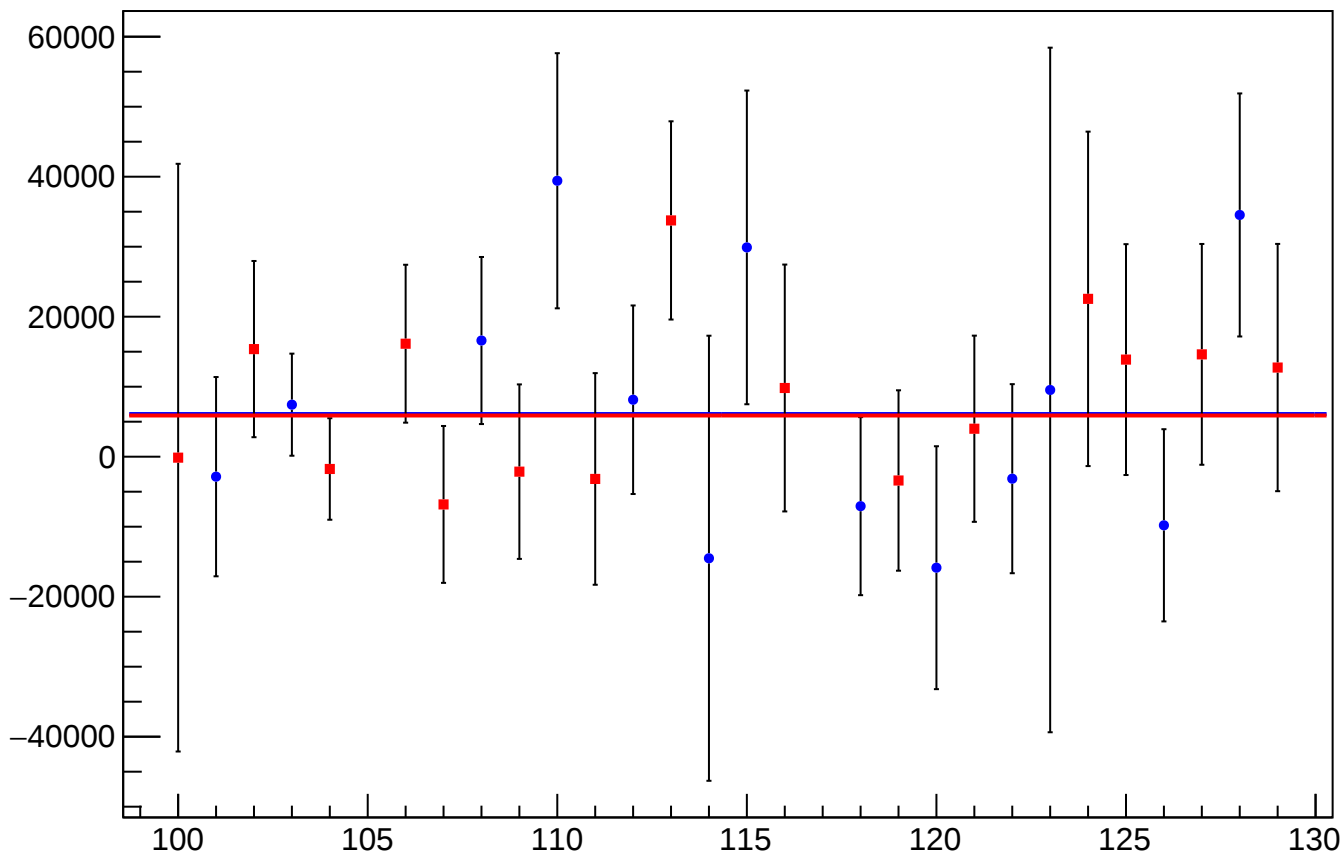
Right: 7036.998+/-1.655 χ^2/NDF : 2031698.7/27

In: 7680.974+/-2.596 χ^2/NDF : 530807.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7036.998+/-1.655 χ^2/NDF : 2031698.7/27

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6092.556+/-3883.691 χ^2/NDF : 13.3/12

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

Right Out: 5885.967+/-3428.883 χ^2/NDF : 10.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

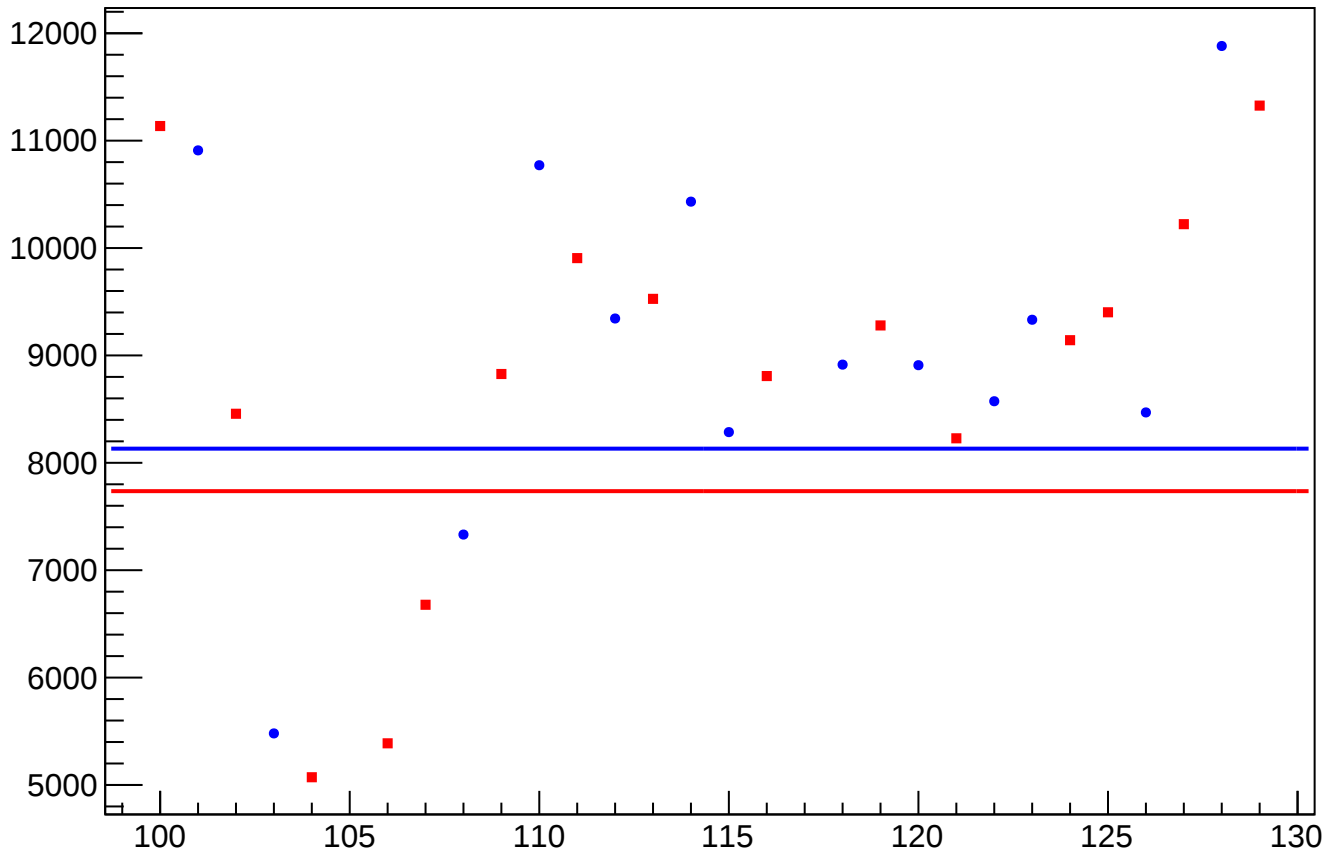
Right: 5976.462+/-2570.418 χ^2/NDF : 23.5/27

In: 6092.556+/-3883.691 χ^2/NDF : 13.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5976.462+/-2570.418 χ^2/NDF : 23.5/27

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8131.923+/-2.746 χ^2/NDF : 527800.4/12

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

Right Out: 7736.085+/-2.424 χ^2/NDF : 681092.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

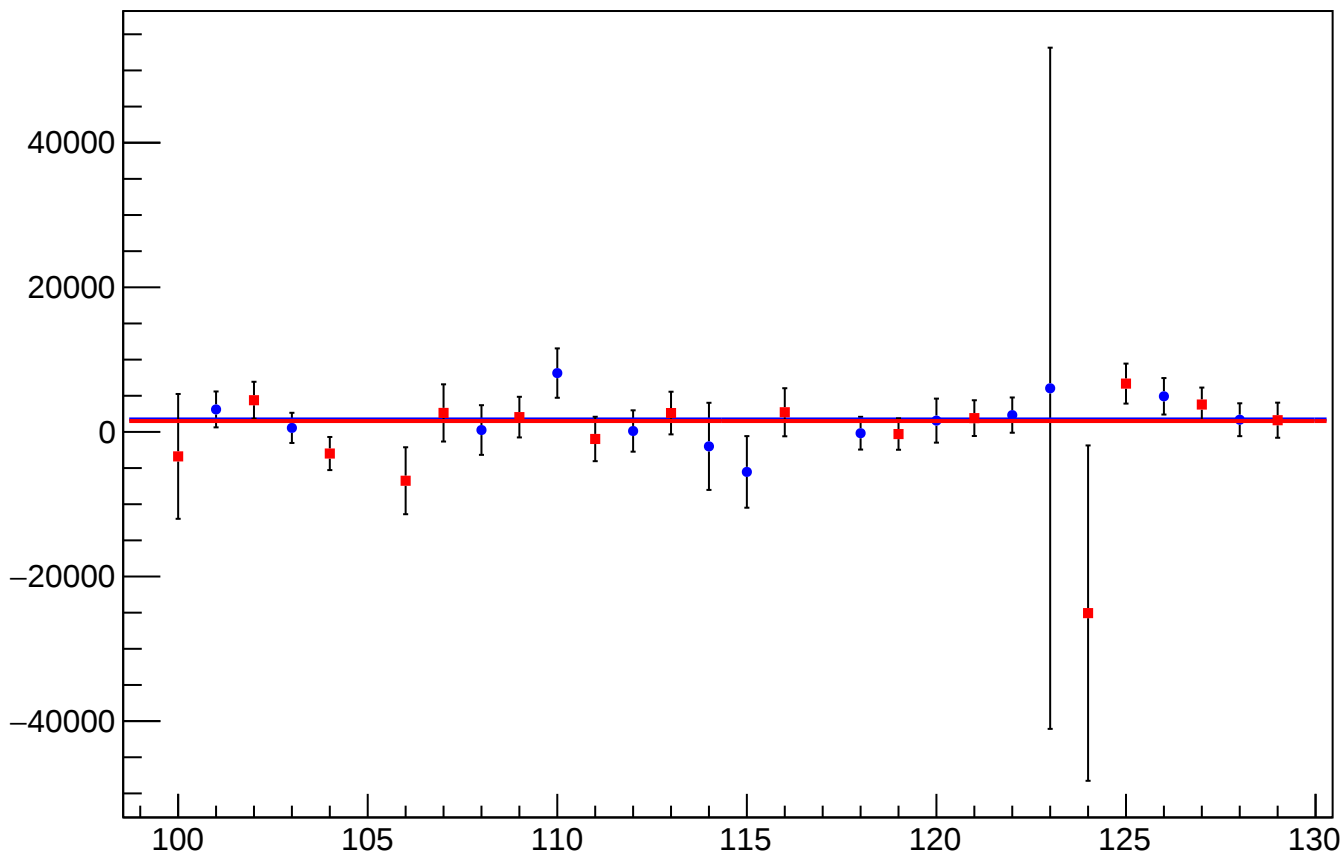
Right: 7909.472+/-1.818 χ^2/NDF : 1220568.7/27

In: 8131.923+/-2.746 χ^2/NDF : 527800.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7909.472+/-1.818 χ^2/NDF : 1220568.7/27

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1724.280+/-796.820 χ^2/NDF : 9.6/12

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

Right Out: 1503.118+/-752.473 χ^2/NDF : 16.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

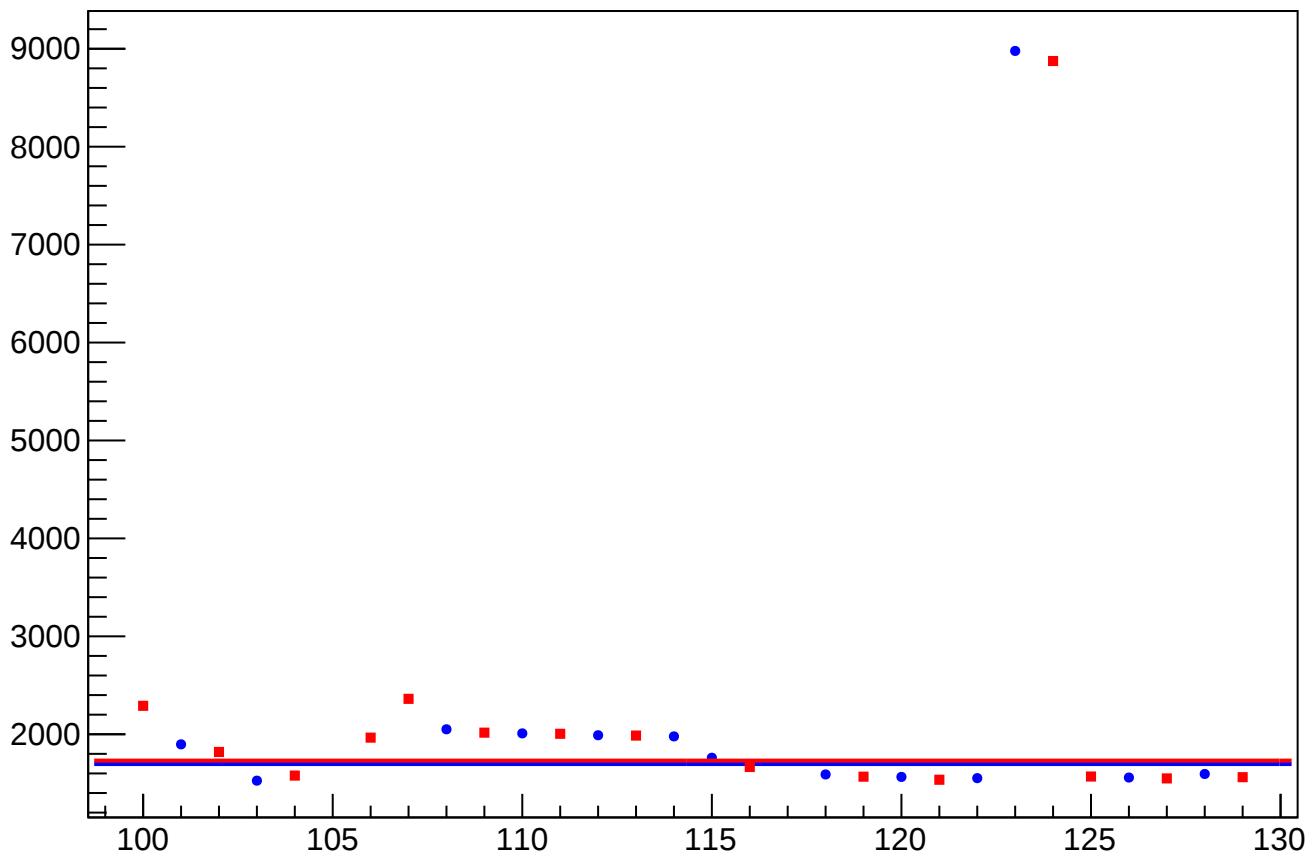
Right: 1607.373+/-547.085 χ^2/NDF : 25.8/27

In: 1724.280+/-796.820 χ^2/NDF : 9.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1607.373+/-547.085 χ^2/NDF : 25.8/27

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1695.796+/-0.563 χ^2/NDF : 163199.1/12

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

Right Out: 1730.966+/-0.529 χ^2/NDF : 372490.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

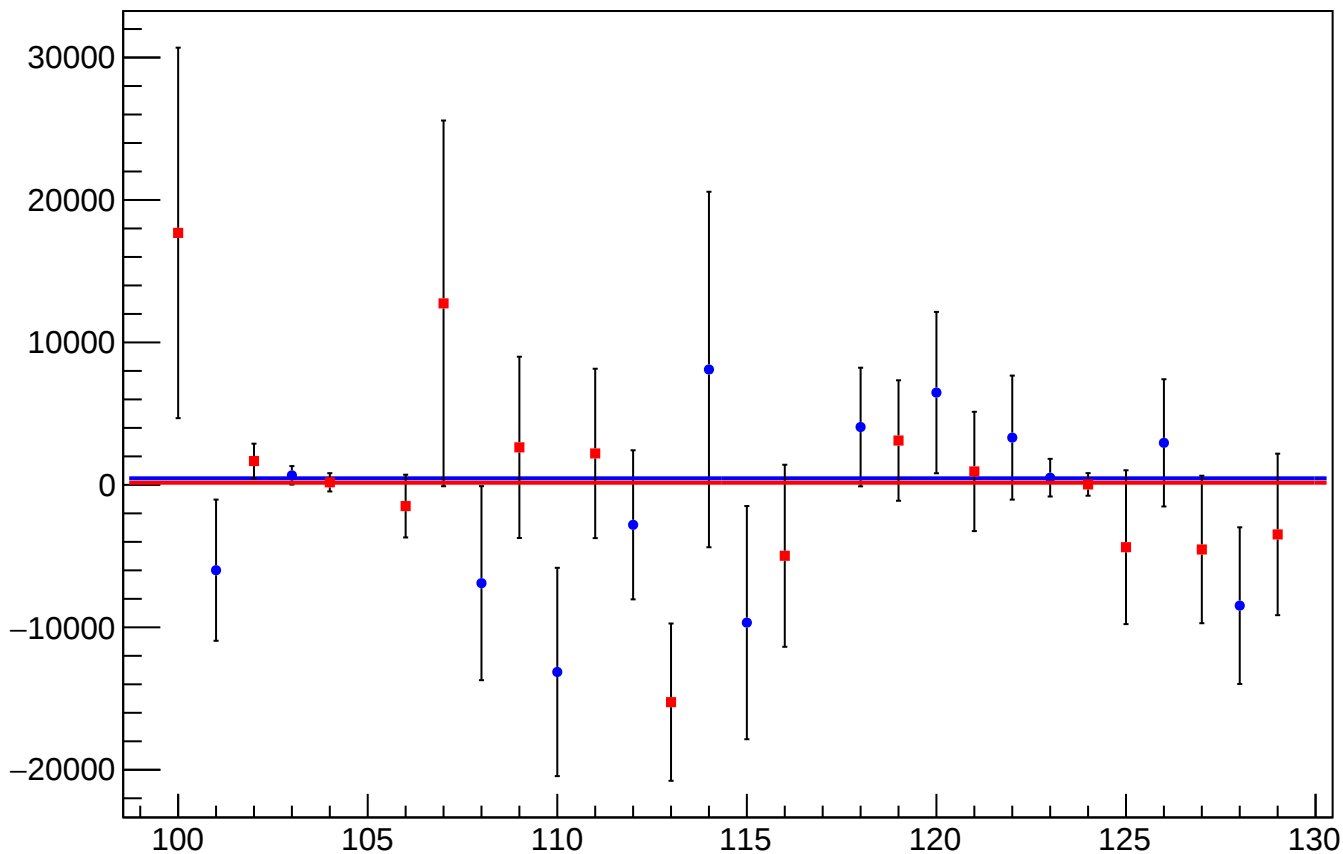
Right: 1714.485+/-0.386 χ^2/NDF : 537760.0/27

In: 1695.796+/-0.563 χ^2/NDF : 163199.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1714.485+/-0.386 χ^2/NDF : 537760.0/27

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 461.265+/-549.343 χ^2/NDF : 14.0/12

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

Right Out: 151.627+/-437.005 χ^2/NDF : 16.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

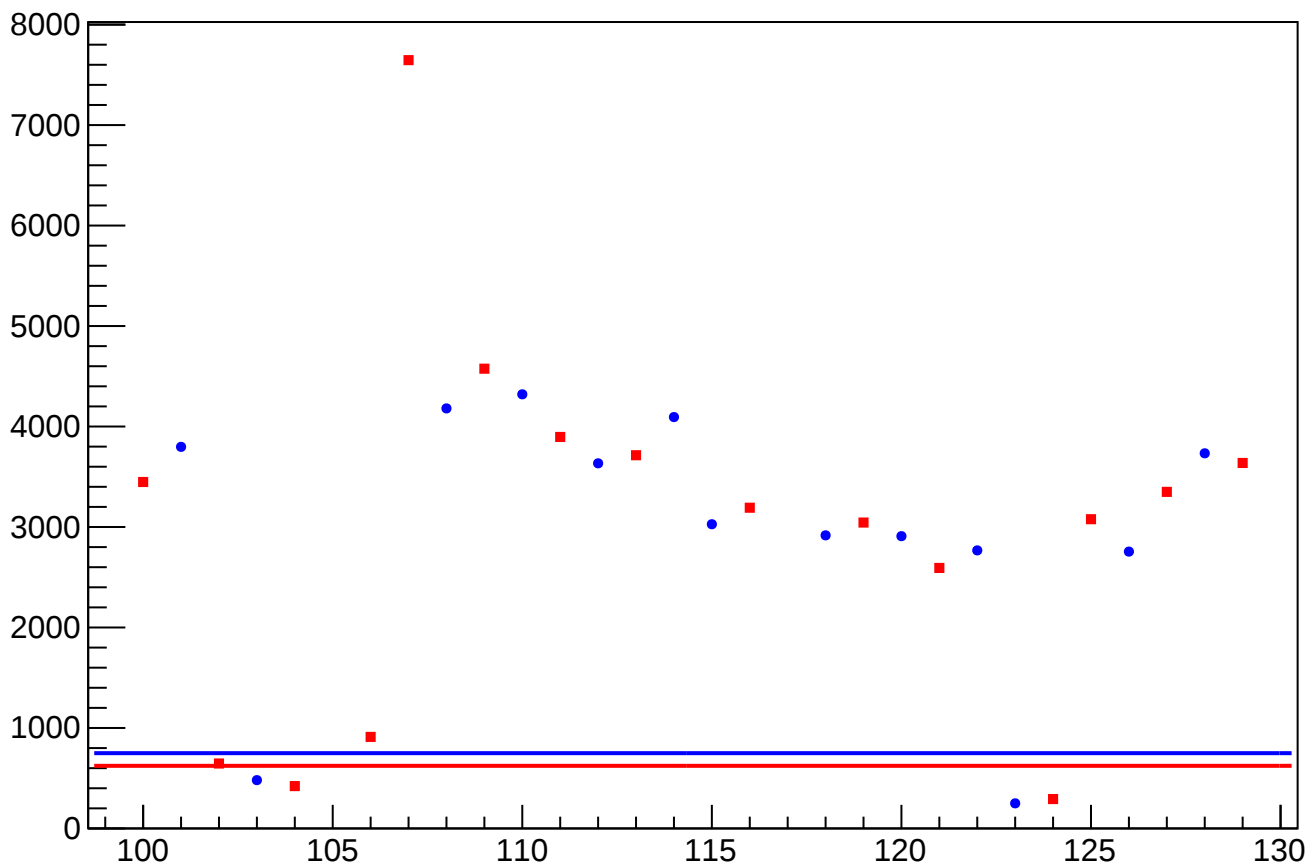
Right: 271.632+/-341.992 χ^2/NDF : 30.2/27

In: 461.265+/-549.343 χ^2/NDF : 14.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 271.632+/-341.992 χ^2/NDF : 30.2/27

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 749.288+/-0.388 χ^2/NDF : 5531392.2/12

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

Right Out: 623.317+/-0.309 χ^2/NDF : 6231967.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

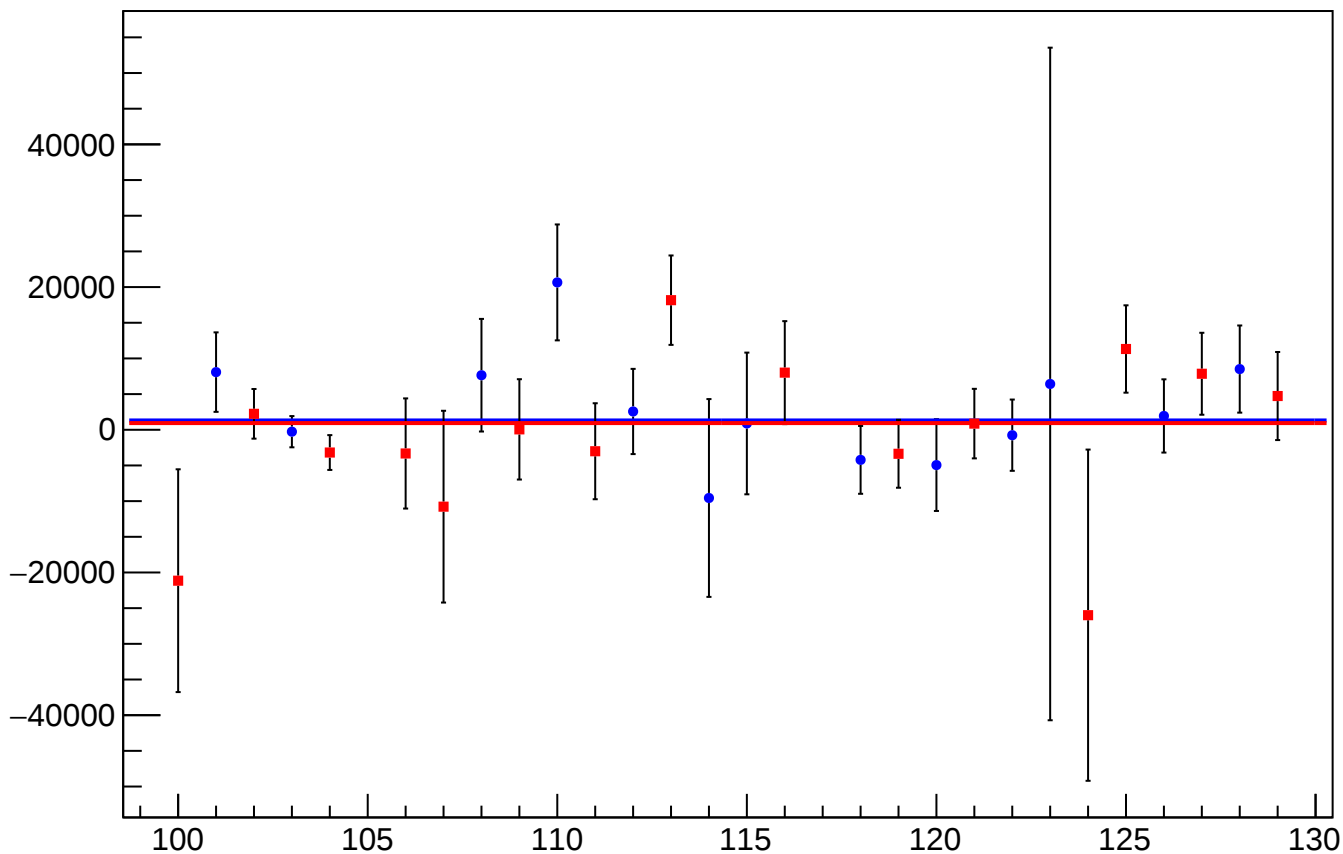
Right: 672.139+/-0.242 χ^2/NDF : 11827768.1/27

In: 749.288+/-0.388 χ^2/NDF : 5531392.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 672.139+/-0.242 χ^2/NDF : 11827768.1/27

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1306.809+/-1429.507 χ^2/NDF : 12.9/12

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

Right Out: 938.529+/-1366.744 χ^2/NDF : 21.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

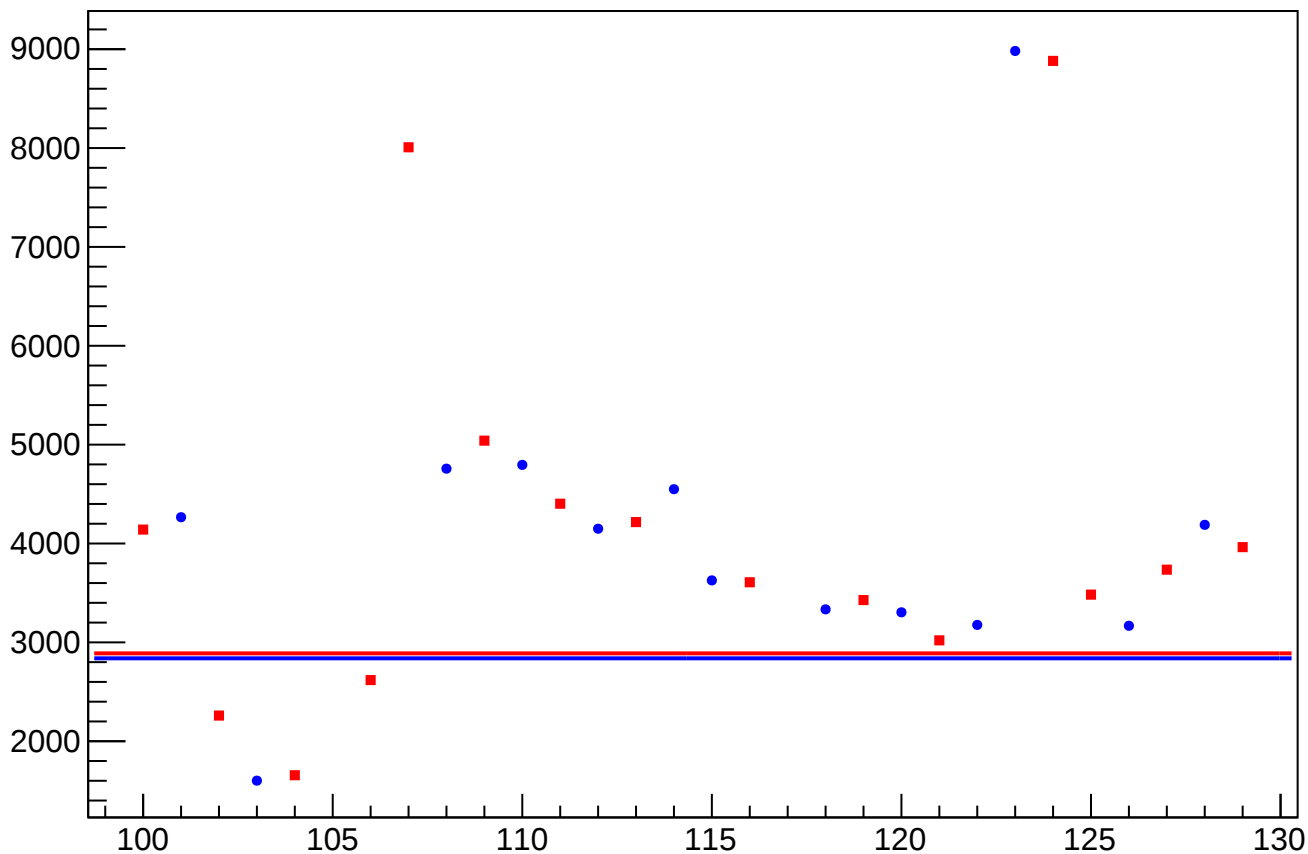
Right: 1114.407+/-987.877 χ^2/NDF : 34.7/27

In: 1306.809+/-1429.507 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1114.407+/-987.877 χ^2/NDF : 34.7/27

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 2838.622+/-1.011 χ^2/NDF : 1325648.1/12

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

Right Out: 2888.682+/-0.951 χ^2/NDF : 1565679.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

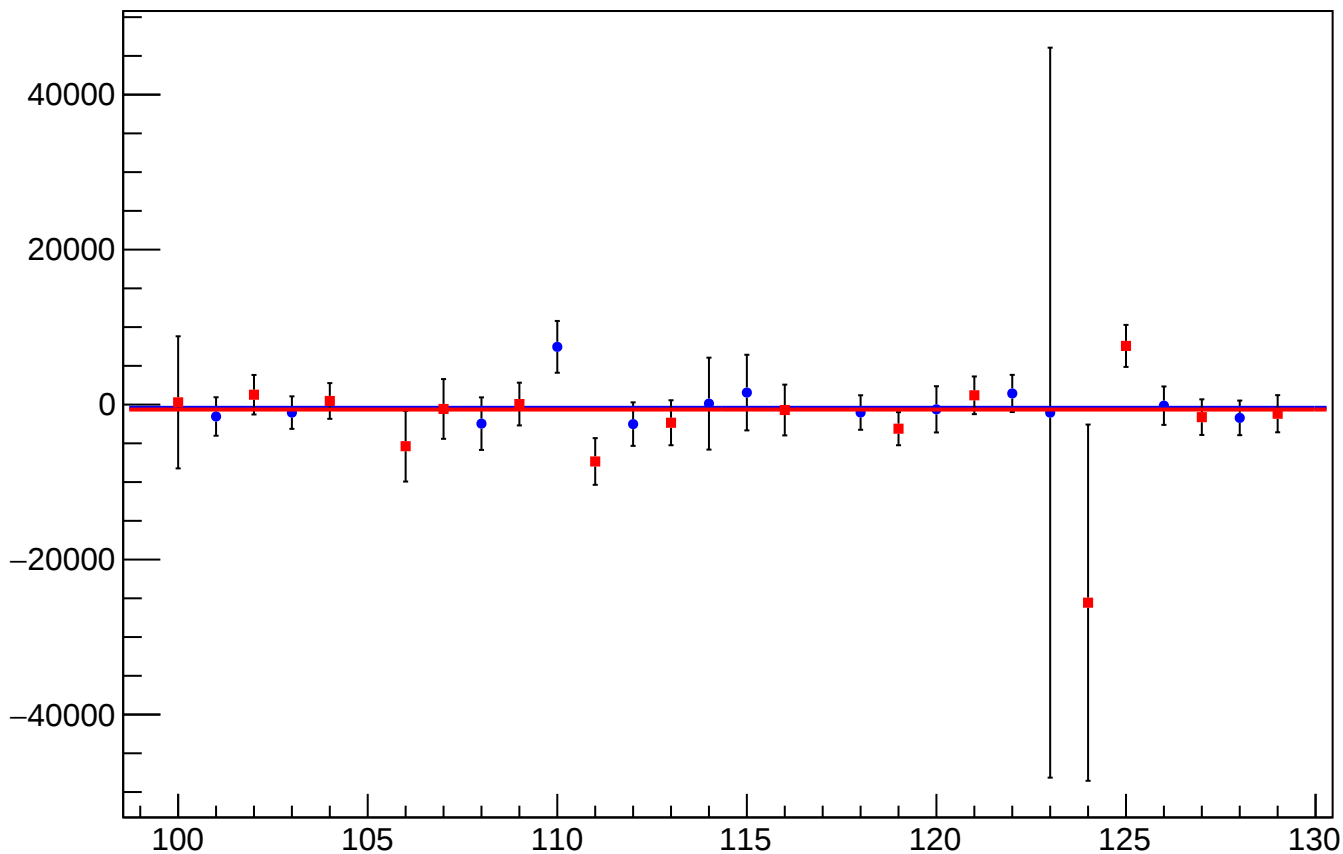
Right: 2865.185+/-0.693 χ^2/NDF : 2892629.1/27

In: 2838.622+/-1.011 χ^2/NDF : 1325648.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2865.185+/-0.693 χ^2/NDF : 2892629.1/27

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -416.303+/-787.031 χ^2 /NDF: 8.0/12

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

Right Out: -639.472+/-742.246 χ^2 /NDF: 19.7/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

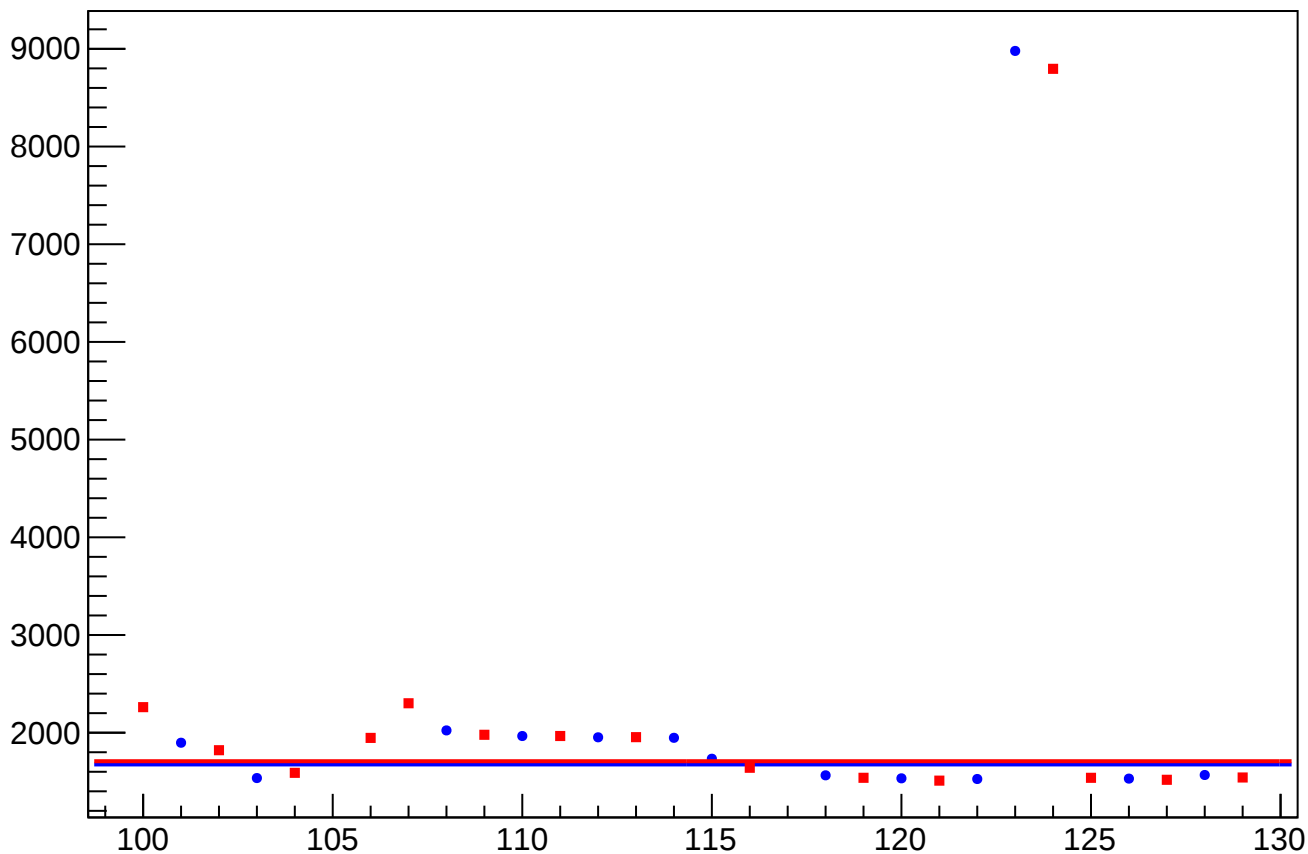
Right: -534.418+/-539.986 χ^2 /NDF: 27.7/27

In: -416.303+/-787.031 χ^2 /NDF:8.0/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -534.418+/-539.986 χ^2 /NDF: 27.7/27

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1675.020+/-0.557 χ^2/NDF : 162062.6/12

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

Right Out: 1708.121+/-0.522 χ^2/NDF : 369257.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

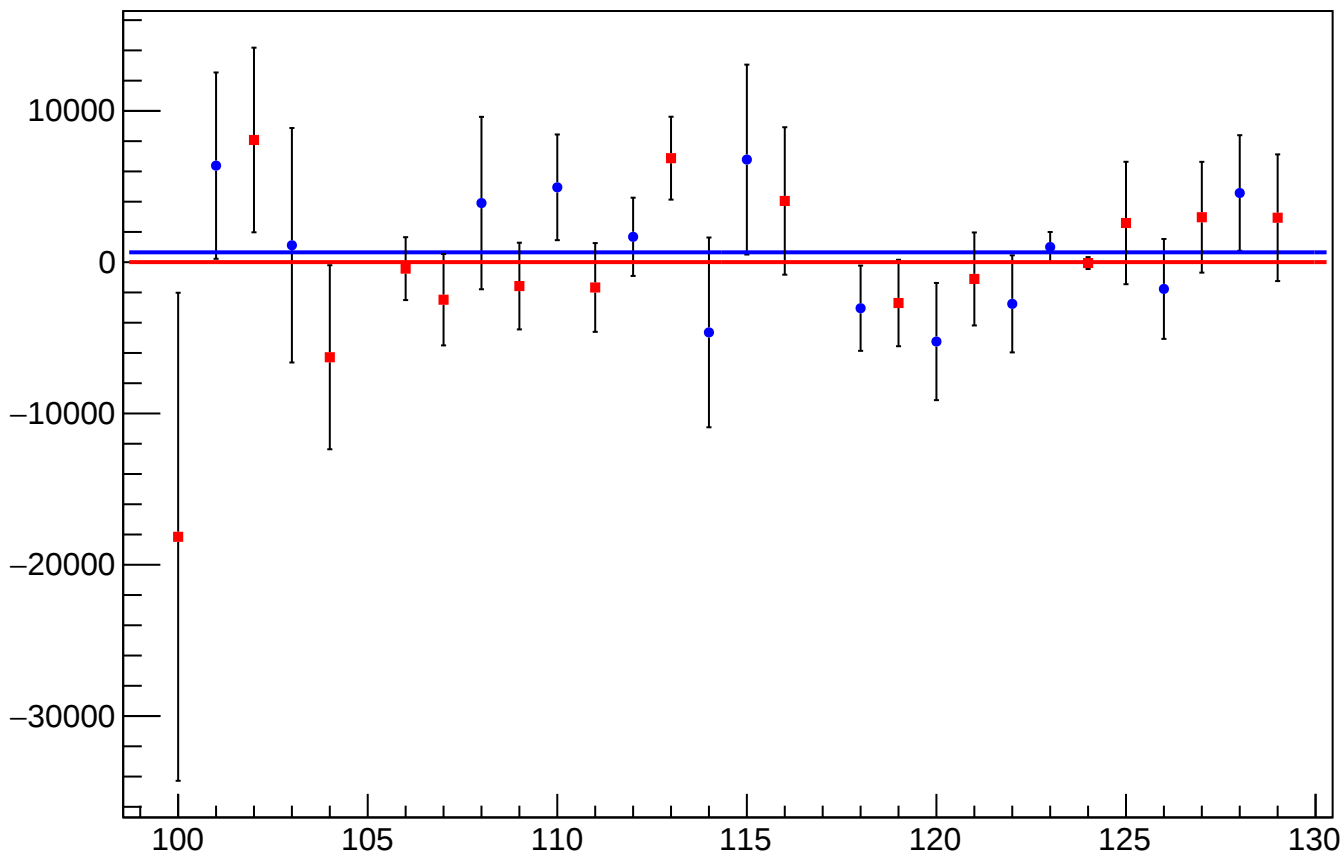
Right: 1692.629+/-0.381 χ^2/NDF : 533202.2/27

In: 1675.020+/-0.557 χ^2/NDF : 162062.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1692.629+/-0.381 χ^2/NDF : 533202.2/27

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 652.418+/-741.230 χ^2/NDF : 11.4/12

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

Right Out: 4.752+/-360.479 χ^2/NDF : 15.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

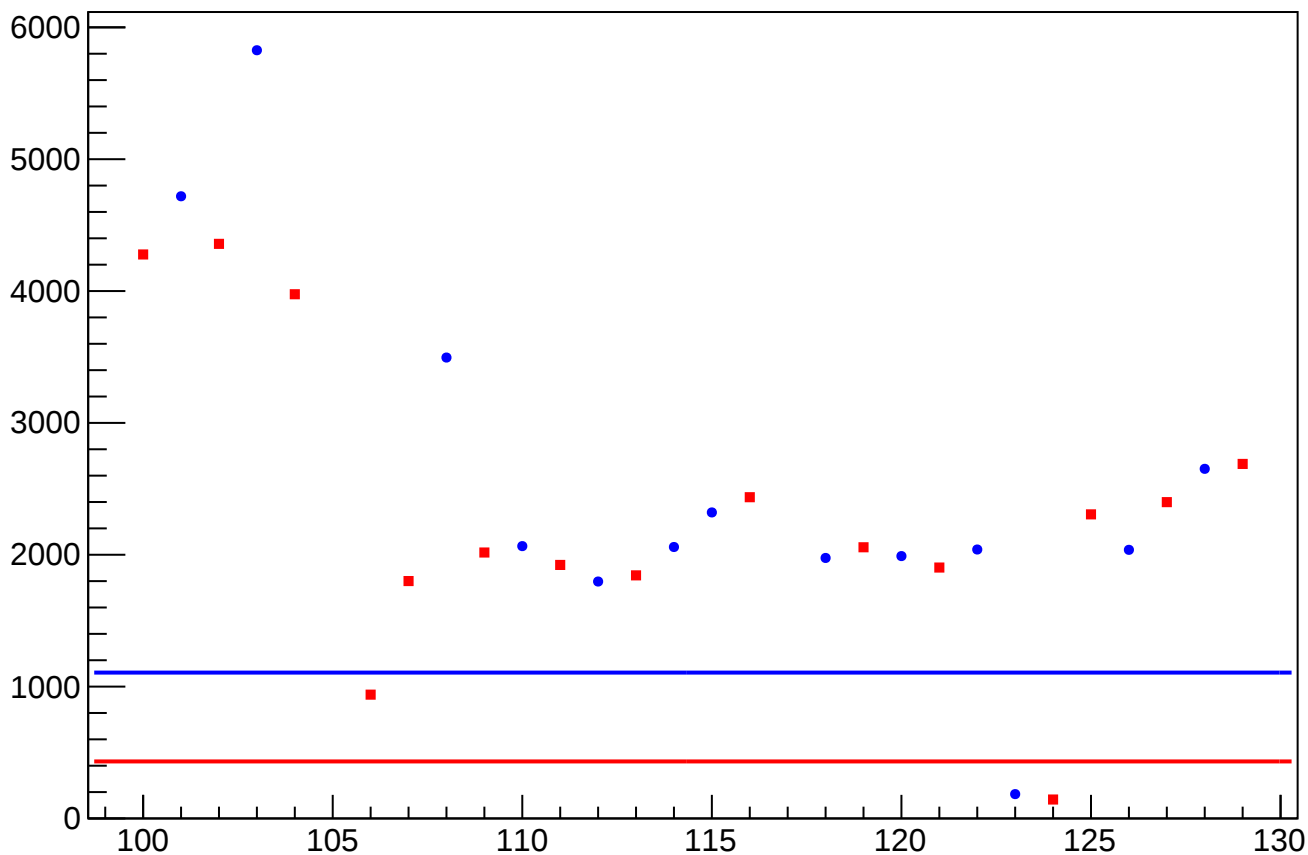
Right: 128.633+/-324.176 χ^2/NDF : 27.0/27

In: 652.418+/-741.230 χ^2/NDF : 11.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.633+/-324.176 χ^2/NDF : 27.0/27

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 1106.283+/-0.524 χ^2/NDF : 4869041.0/12

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

Right Out: 432.475+/-0.255 χ^2/NDF : 7915926.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

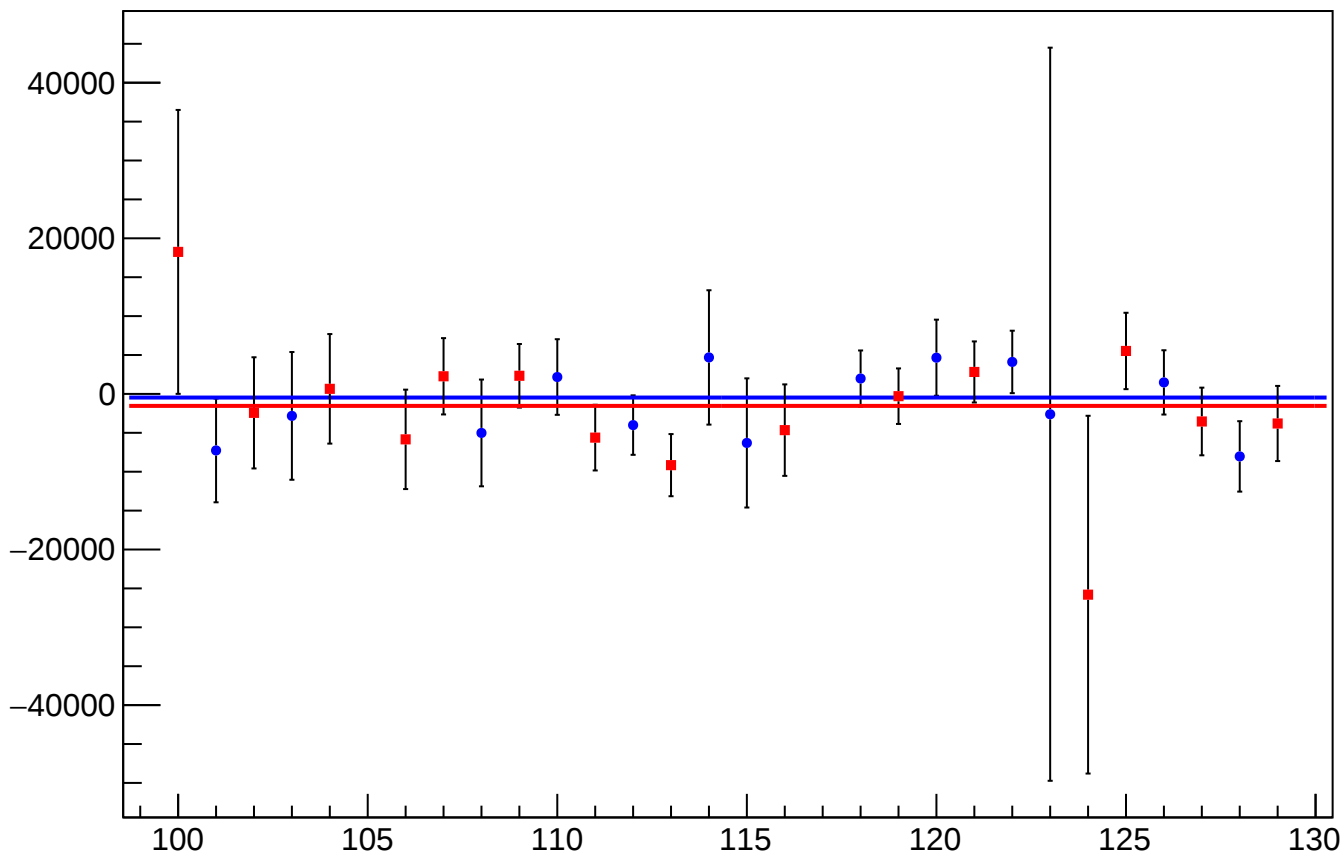
Right: 561.357+/-0.229 χ^2/NDF : 14121554.9/27

In: 1106.283+/-0.524 χ^2/NDF : 4869041.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 561.357+/-0.229 χ^2/NDF : 14121554.9/27

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -467.487+/-1434.290 χ^2/NDF : 9.4/12

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

Right Out: -1540.298+/-1292.001 χ^2/NDF : 13.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

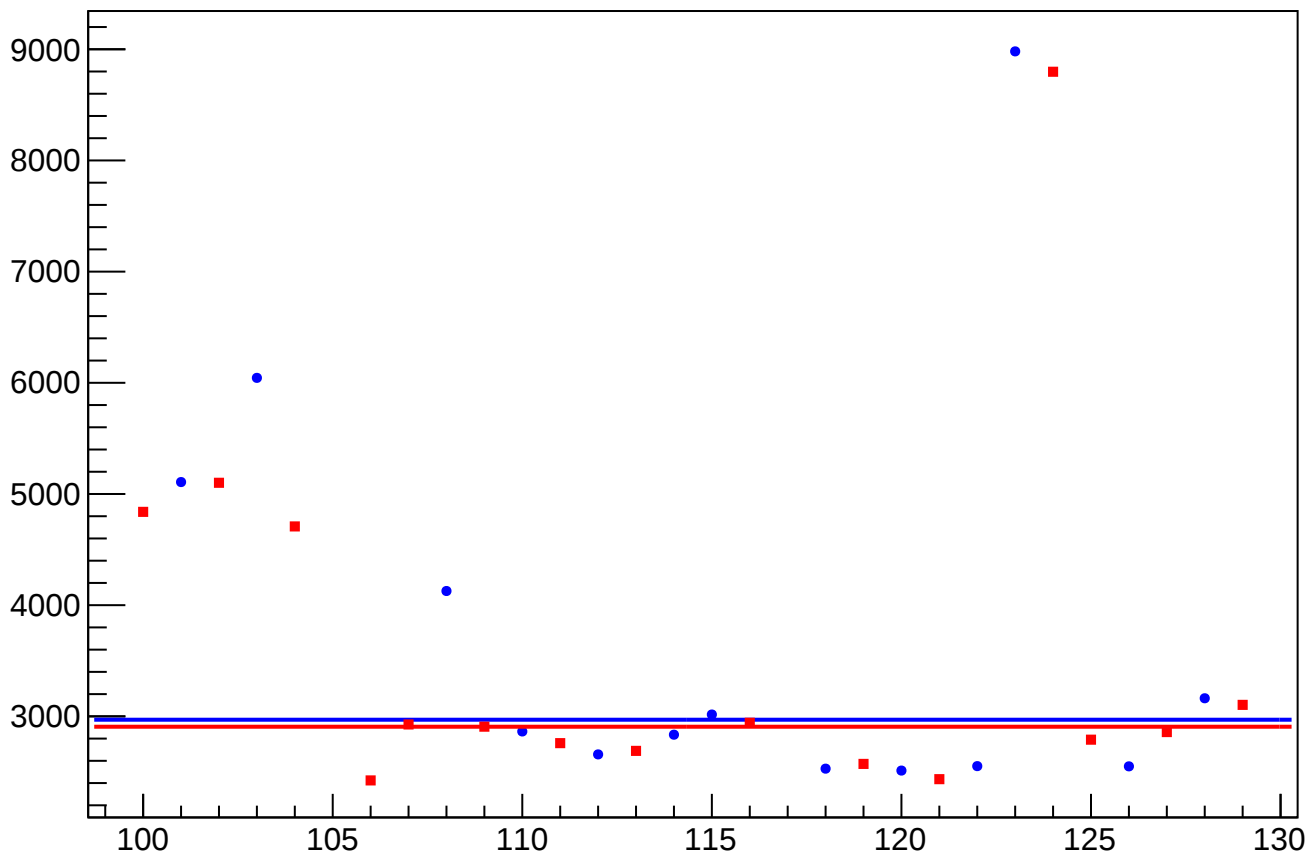
Right: -1059.732+/-959.957 χ^2/NDF : 22.8/27

In: -467.487+/-1434.290 χ^2/NDF : 9.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1059.732+/-959.957 χ^2/NDF : 22.8/27

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 2969.694+/-1.014 χ^2/NDF : 683824.4/12

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

Right Out: 2906.710+/-0.900 χ^2/NDF : 552642.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

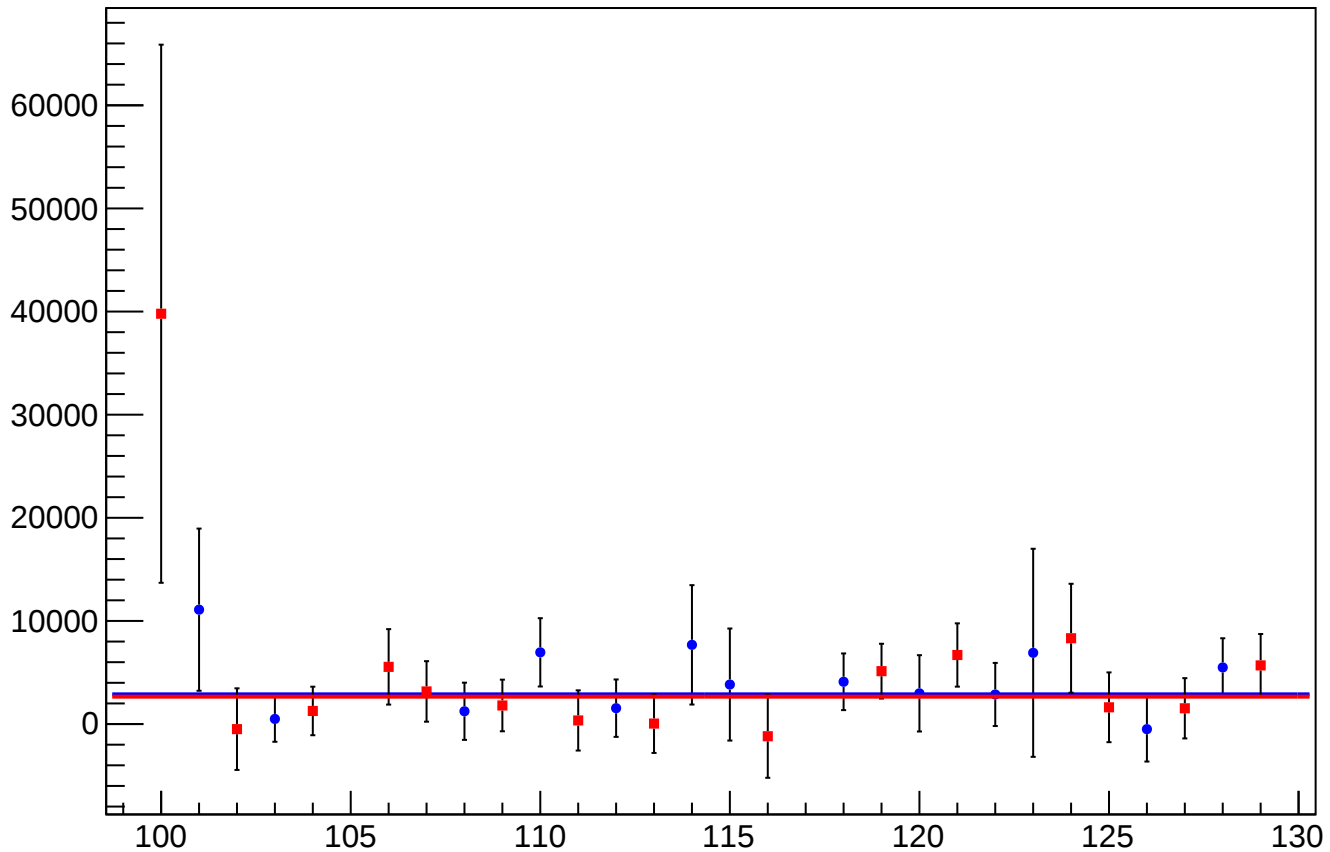
Right: 2934.466+/-0.673 χ^2/NDF : 1238623.7/27

In: 2969.694+/-1.014 χ^2/NDF : 683824.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2934.466+/-0.673 χ^2/NDF : 1238623.7/27

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2880.284+/-919.486 χ^2/NDF : 7.4/12

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

Right Out: 2657.476+/-817.898 χ^2/NDF : 11.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

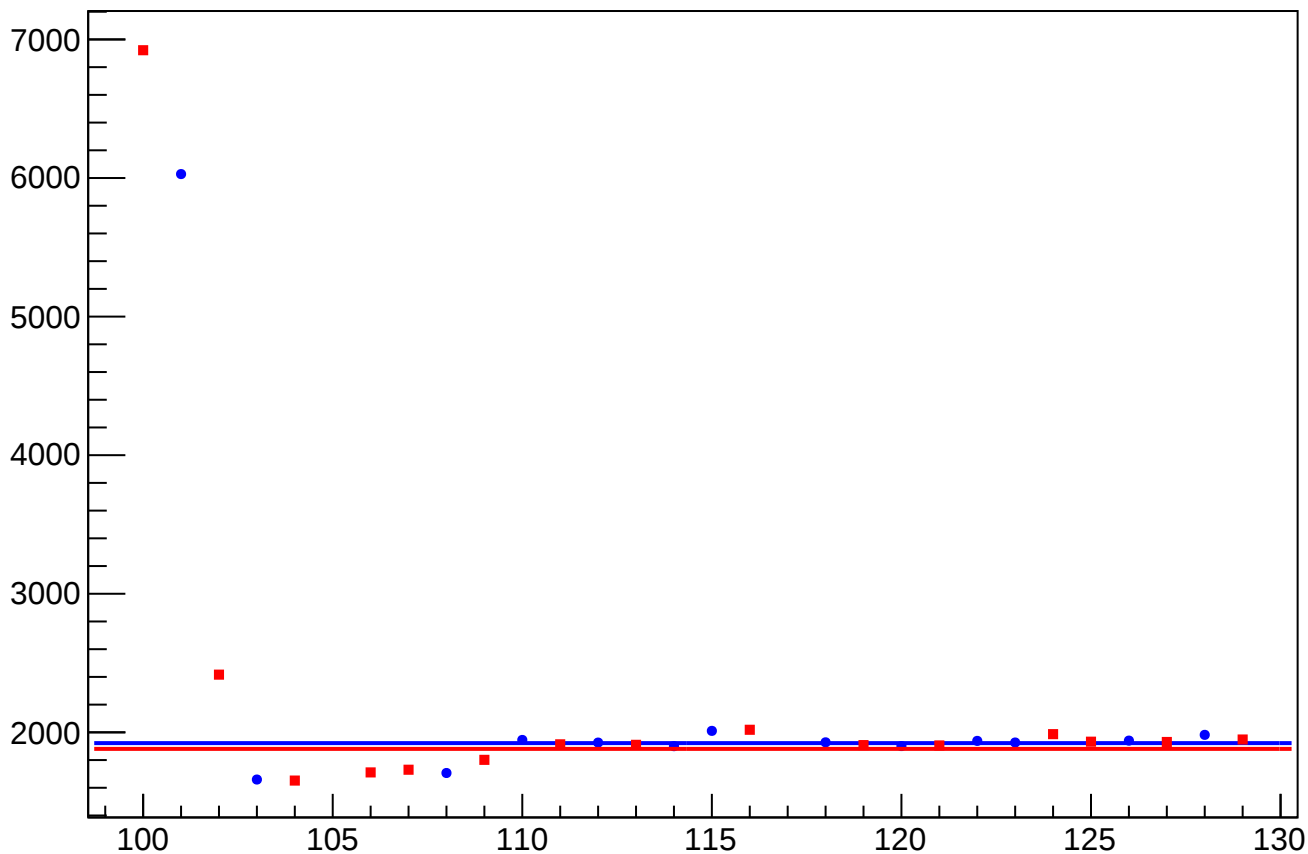
Right: 2755.896+/-611.114 χ^2/NDF : 18.6/27

In: 2880.284+/-919.486 χ^2/NDF : 7.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2755.896+/-611.114 χ^2/NDF : 18.6/27

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1922.189+/-0.650 χ^2/NDF : 587445.0/12

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

Right Out: 1880.697+/-0.577 χ^2/NDF : 148260.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

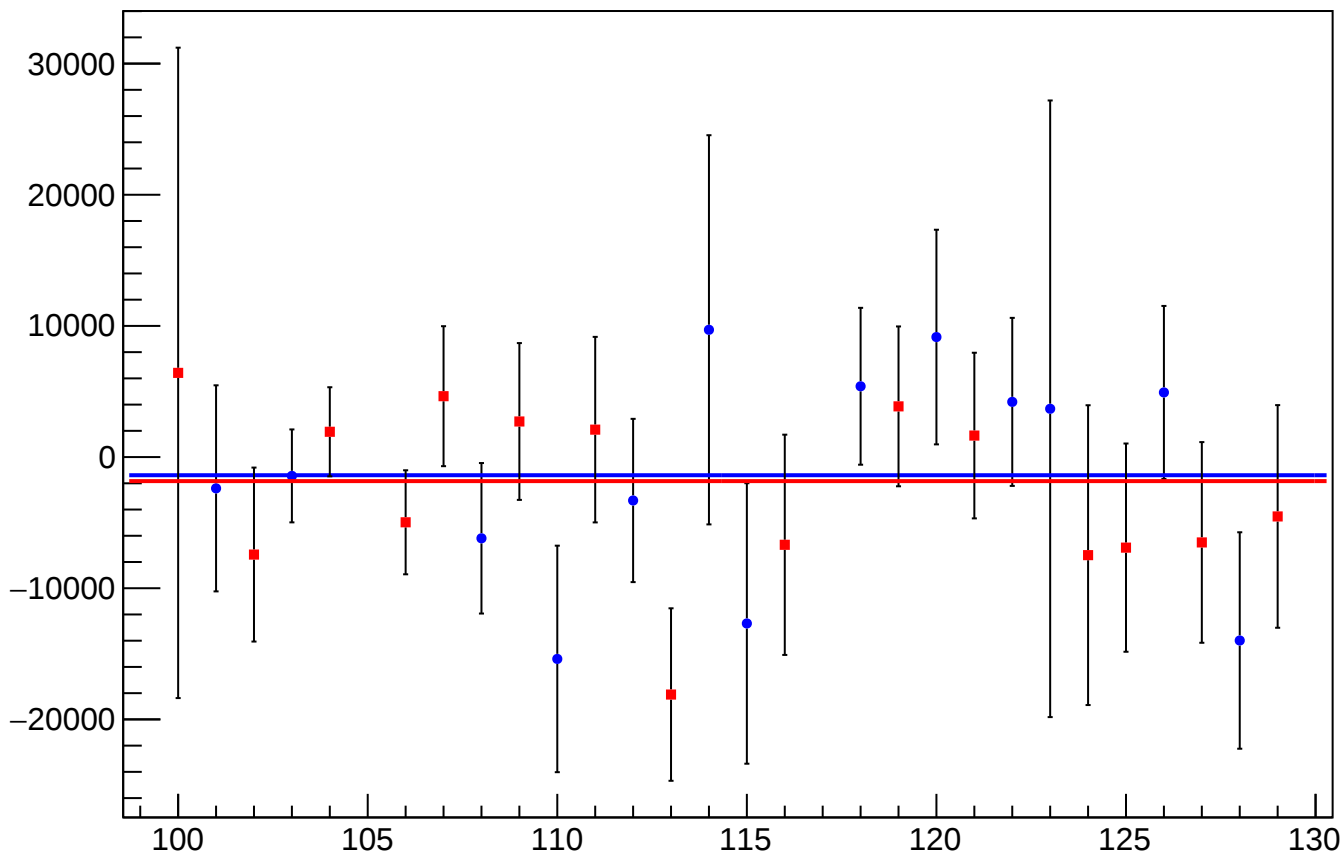
Right: 1898.967+/-0.431 χ^2/NDF : 737985.3/27

In: 1922.189+/-0.650 χ^2/NDF : 587445.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1898.967+/-0.431 χ^2/NDF : 737985.3/27

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1383.492+/-1871.408 χ^2/NDF : 12.1/12

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

Right Out: -1832.593+/-1578.098 χ^2/NDF : 13.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

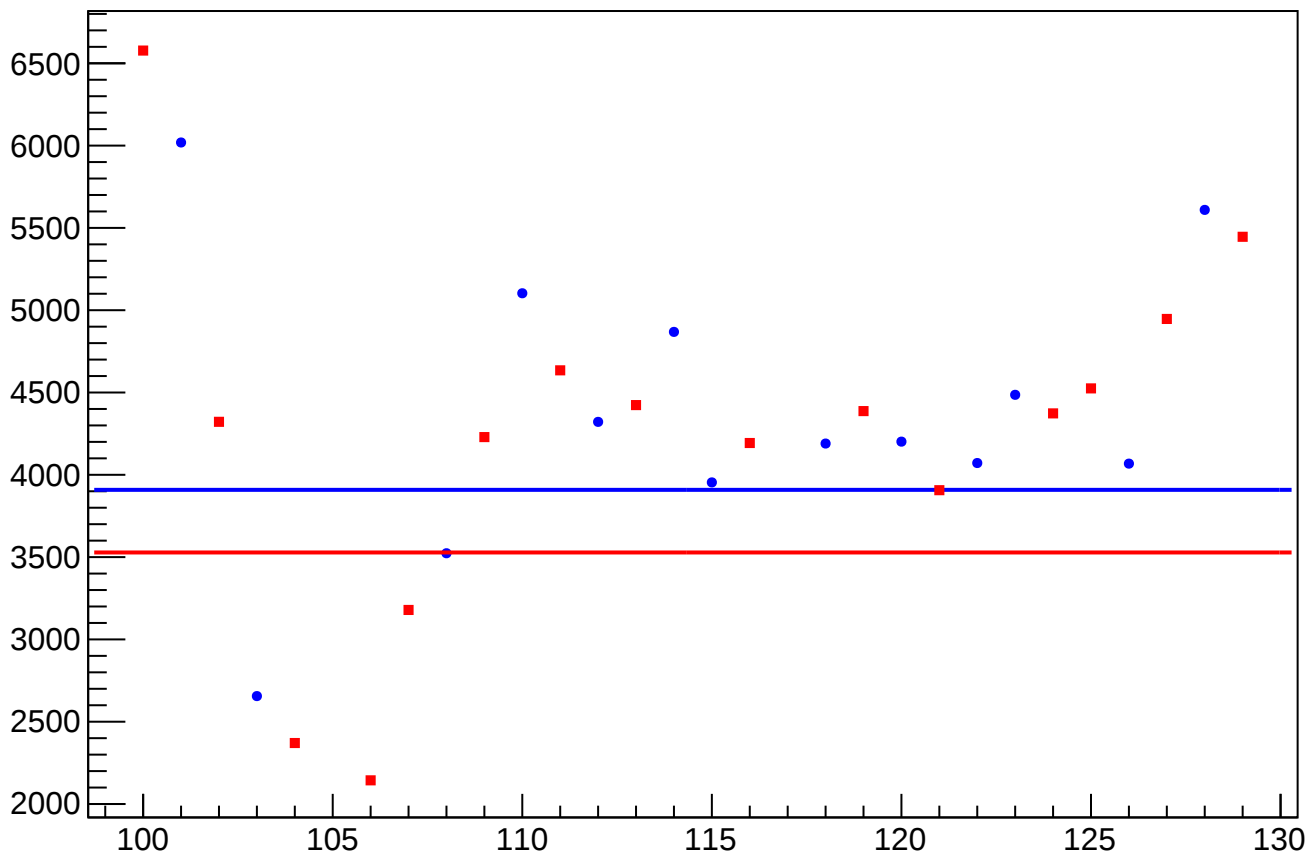
Right: -1645.955+/-1206.414 χ^2/NDF : 26.0/27

In: -1383.492+/-1871.408 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1645.955+/-1206.414 χ^2/NDF : 26.0/27

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 3908.620+/-1.323 χ^2/NDF : 554589.5/12

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

Right Out: 3528.166+/-1.116 χ^2/NDF : 929874.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

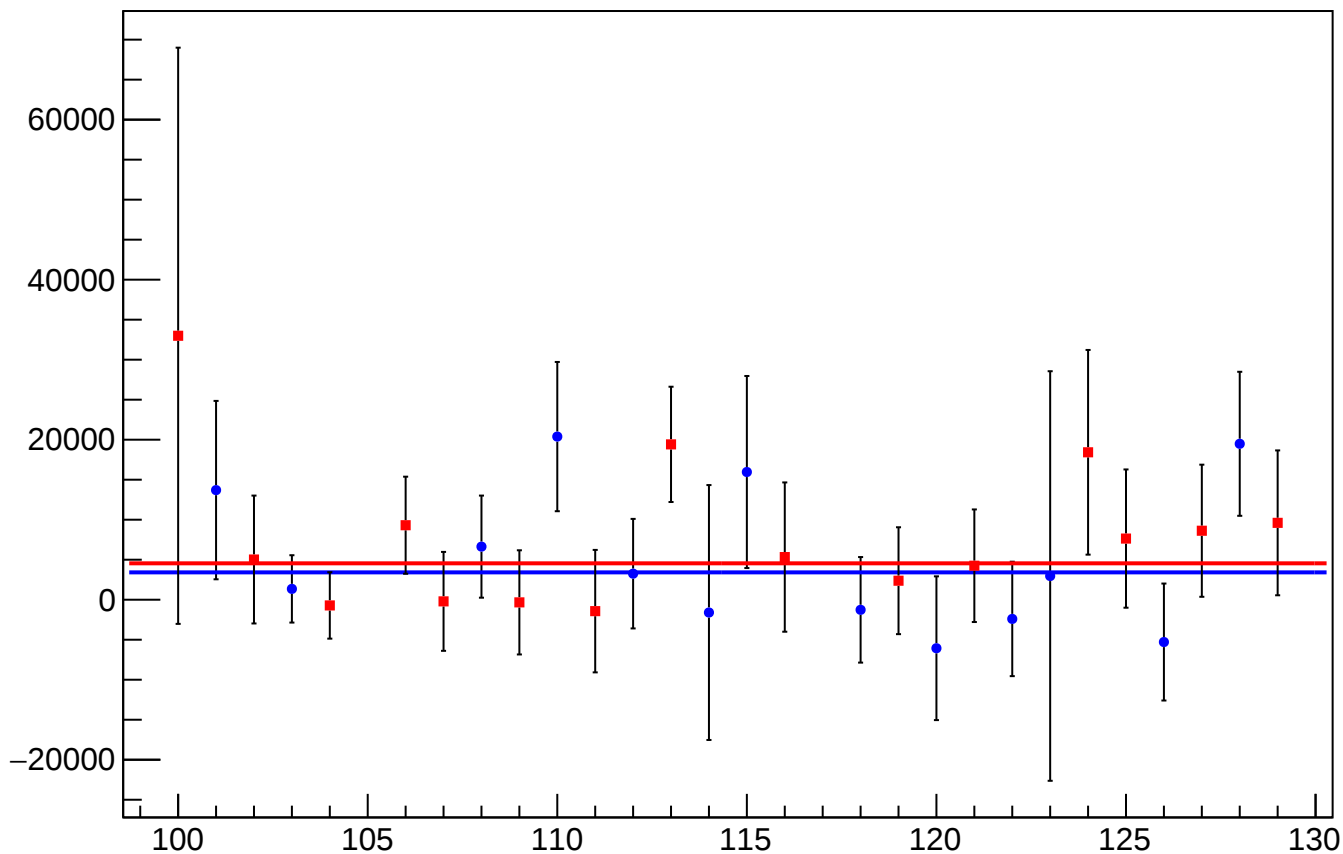
Right: 3686.275+/-0.853 χ^2/NDF : 1532772.0/27

In: 3908.620+/-1.323 χ^2/NDF : 554589.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3686.275+/-0.853 χ^2/NDF : 1532772.0/27

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3417.161+/-2130.567 χ^2/NDF : 12.7/12

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

Right Out: 4548.587+/-1862.790 χ^2/NDF : 10.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

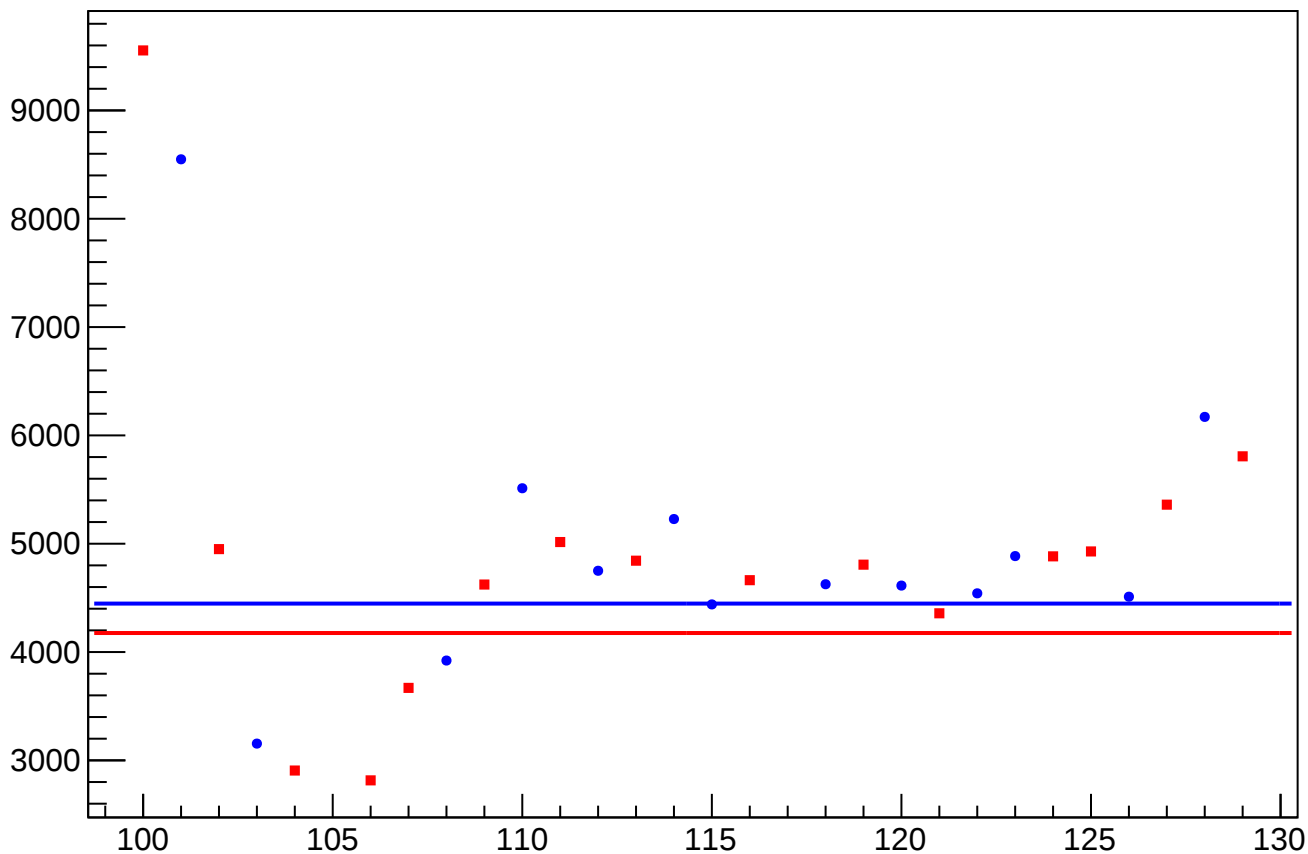
Right: 4058.402+/-1402.367 χ^2/NDF : 23.7/27

In: 3417.161+/-2130.567 χ^2/NDF : 12.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4058.402+/-1402.367 χ^2/NDF : 23.7/27

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4447.342+/-1.507 χ^2/NDF : 584354.3/12

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

Right Out: 4175.625+/-1.308 χ^2/NDF : 581622.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

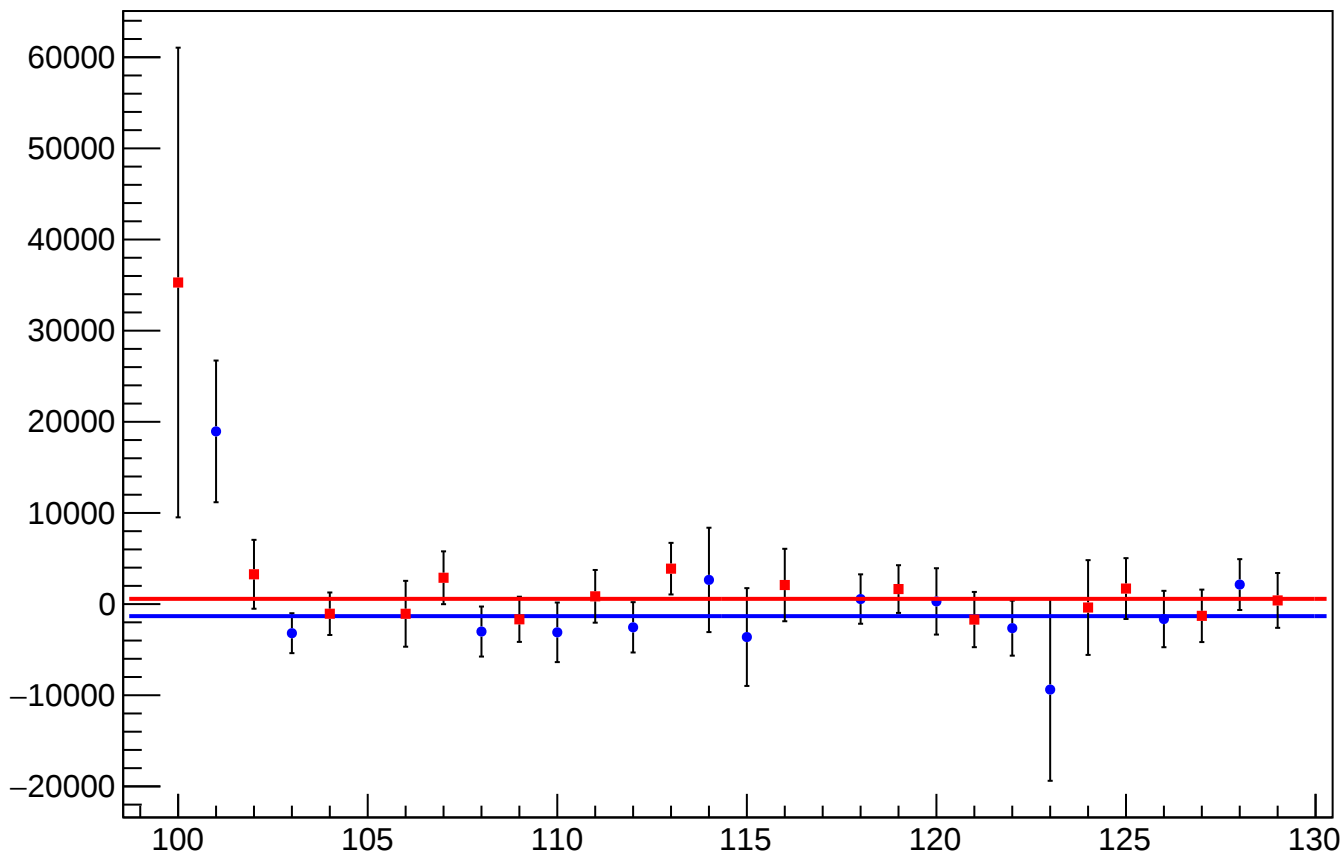
Right: 4292.445+/-0.988 χ^2/NDF : 1184520.5/27

In: 4447.342+/-1.507 χ^2/NDF : 584354.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4292.445+/-0.988 χ^2/NDF : 1184520.5/27

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1320.806+/-908.290 χ^2/NDF : 12.1/12

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

Right Out: 575.348+/-807.216 χ^2/NDF : 7.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

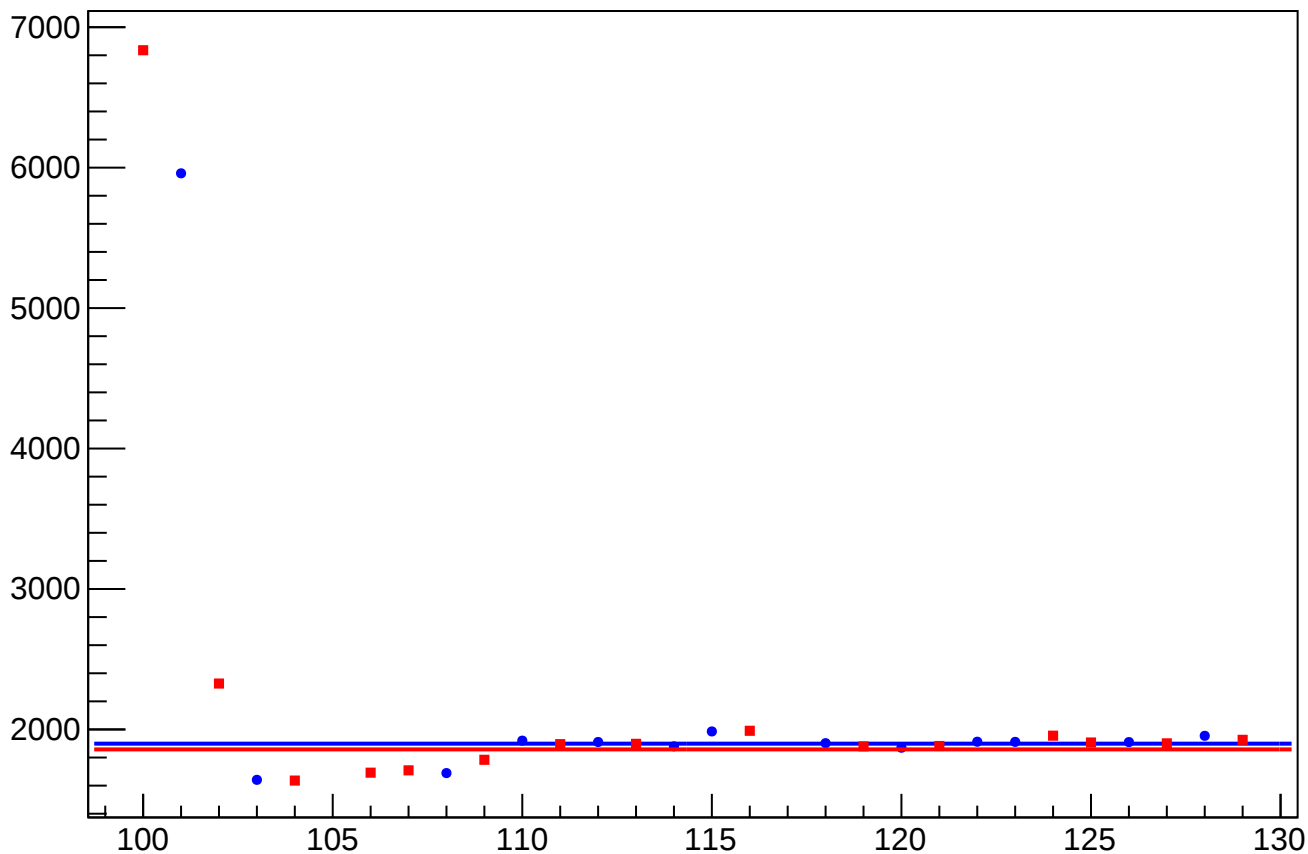
Right: -261.399+/-603.371 χ^2/NDF : 21.9/27

In: -1320.806+/-908.290 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -261.399+/-603.371 χ^2/NDF : 21.9/27

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1898.781+/-0.642 χ^2/NDF : 586830.3/12

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

Right Out: 1857.948+/-0.569 χ^2/NDF : 141164.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

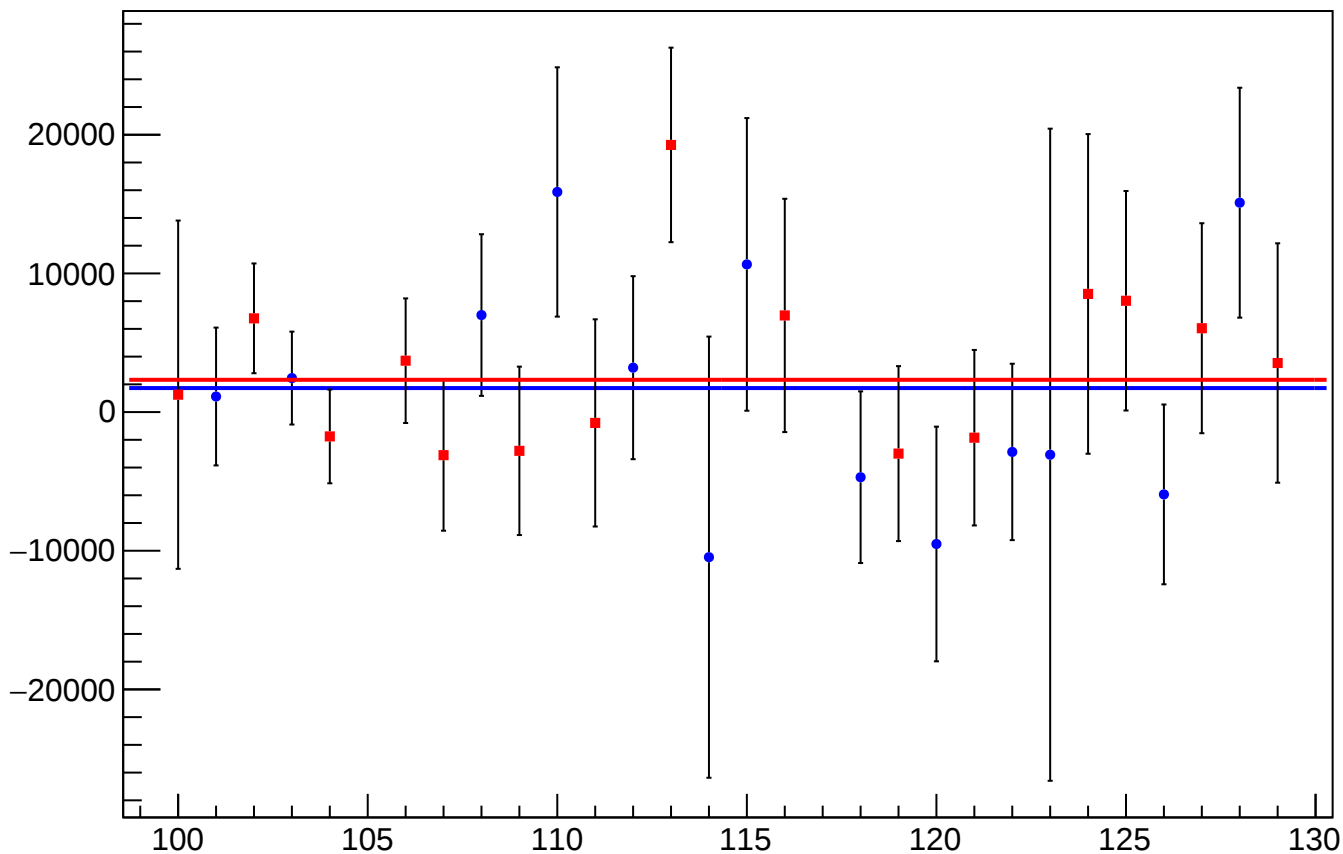
Right: 1875.911+/-0.426 χ^2/NDF : 730258.2/27

In: 1898.781+/-0.642 χ^2/NDF : 586830.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1875.911+/-0.426 χ^2/NDF : 730258.2/27

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 1731.459+/-1789.646 χ^2/NDF : 12.1/12

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

Right Out: 2328.019+/-1534.183 χ^2/NDF : 13.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

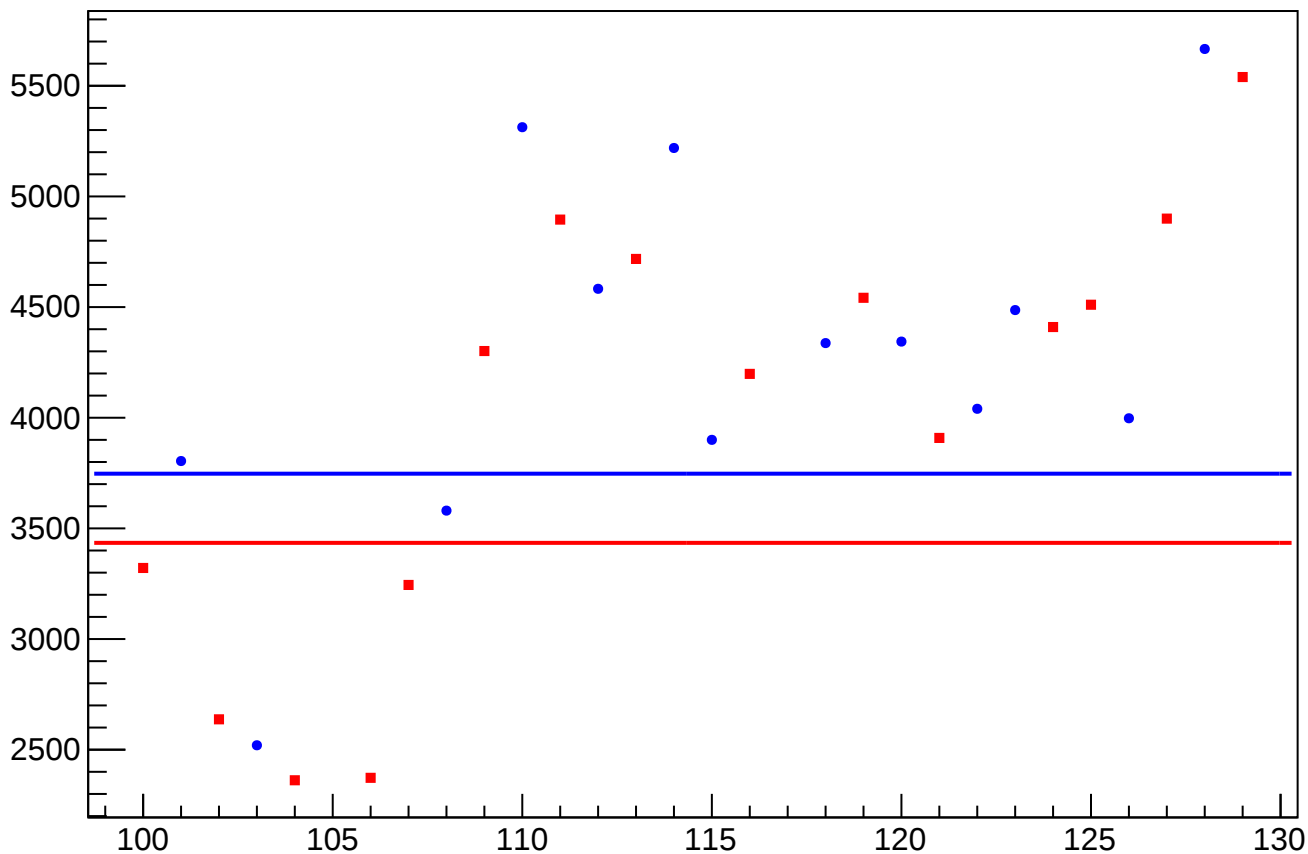
Right: 2075.320+/-1164.774 χ^2/NDF : 25.2/27

In: 1731.459+/-1789.646 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2075.320+/-1164.774 χ^2/NDF : 25.2/27

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 3747.183+/-1.265 χ^2/NDF : 525068.5/12

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

Right Out: 3434.616+/-1.085 χ^2/NDF : 915407.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

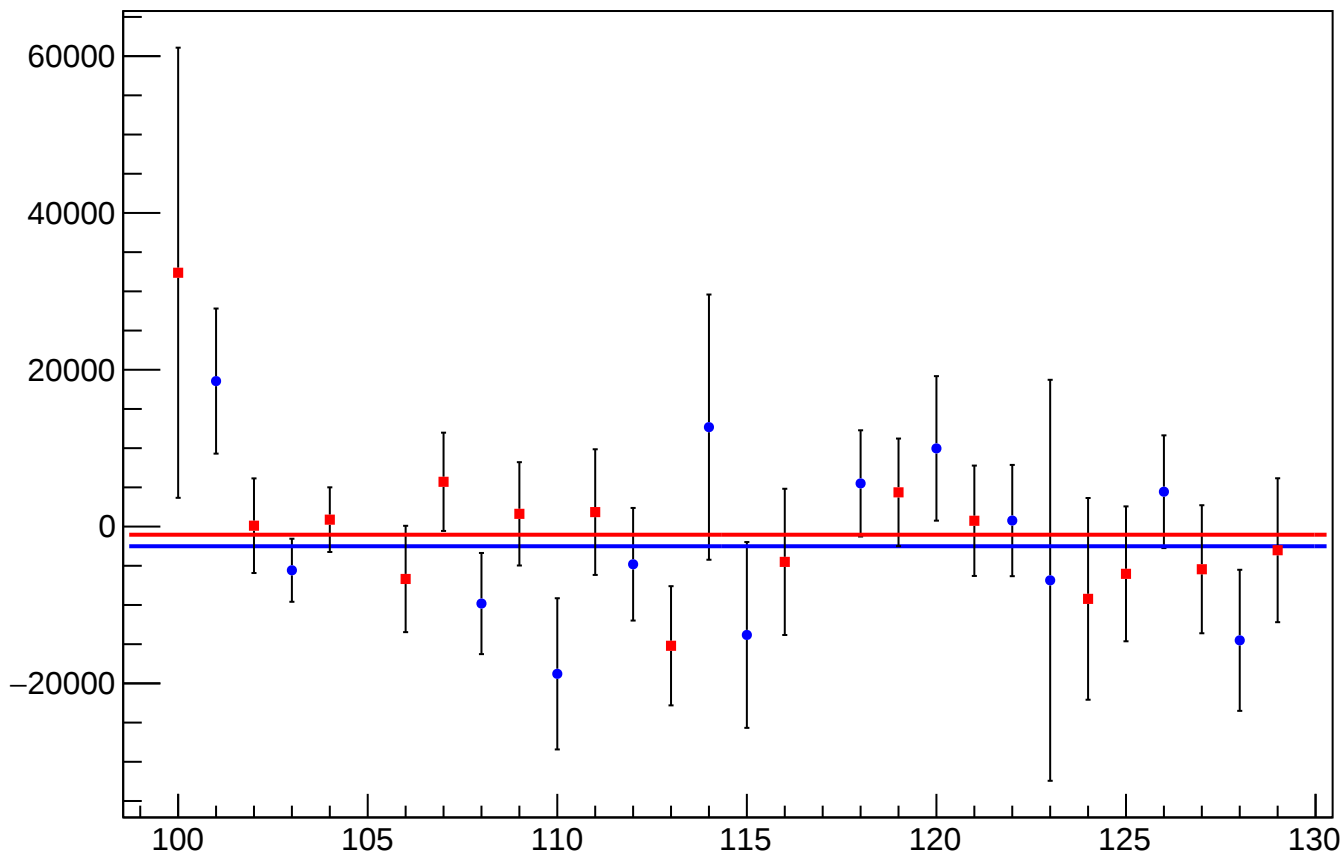
Right: 3567.017+/-0.824 χ^2/NDF : 1475640.6/27

In: 3747.183+/-1.265 χ^2/NDF : 525068.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3567.017+/-0.824 χ^2/NDF : 1475640.6/27

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2508.838+/-2108.171 χ^2/NDF : 17.9/12

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

Right Out: -1039.338+/-1857.088 χ^2/NDF : 9.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

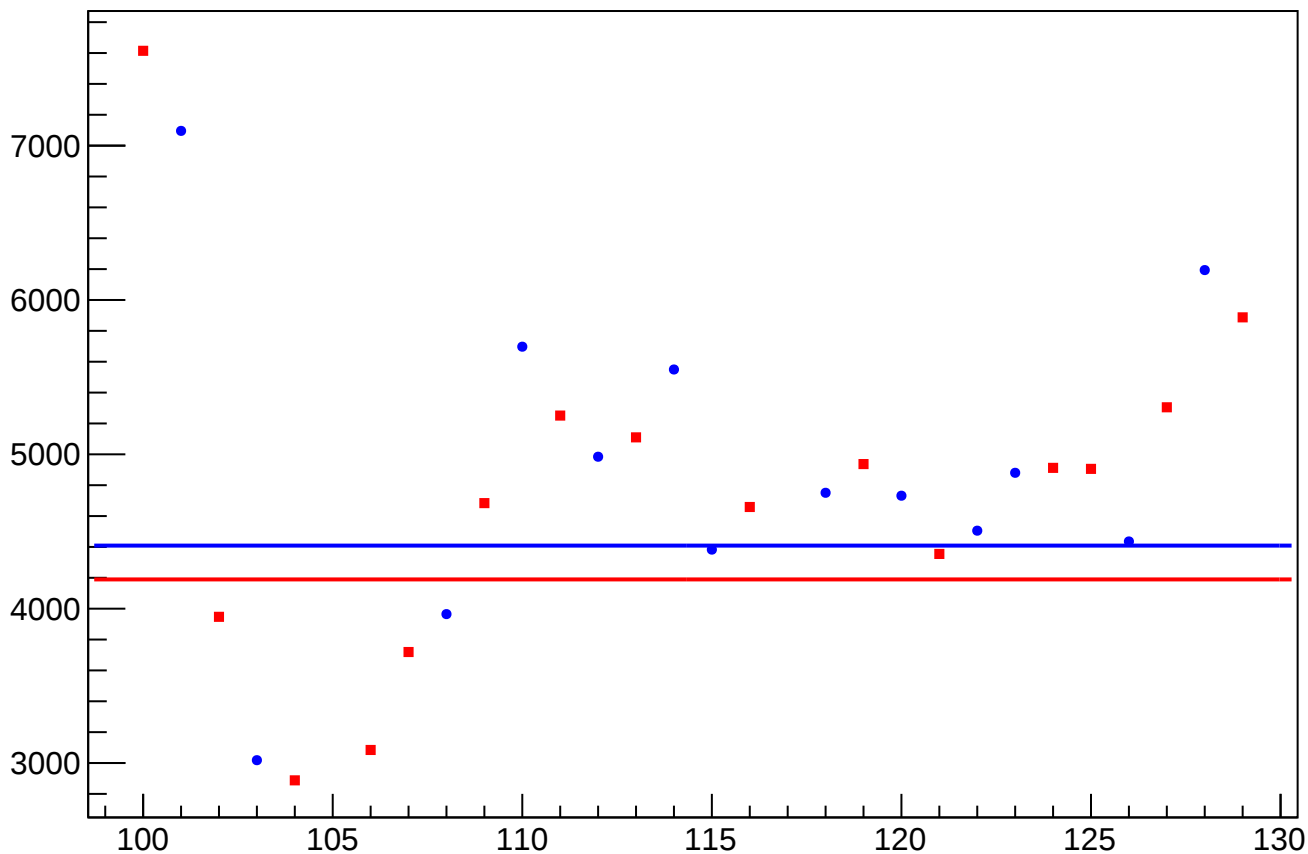
Right: -1681.410+/-1393.519 χ^2/NDF : 27.3/27

In: -2508.838+/-2108.171 χ^2/NDF : 17.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1681.410+/-1393.519 χ^2/NDF : 27.3/27

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4408.644+/-1.491 χ^2/NDF : 562401.7/12

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

Right Out: 4189.534+/-1.304 χ^2/NDF : 536465.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

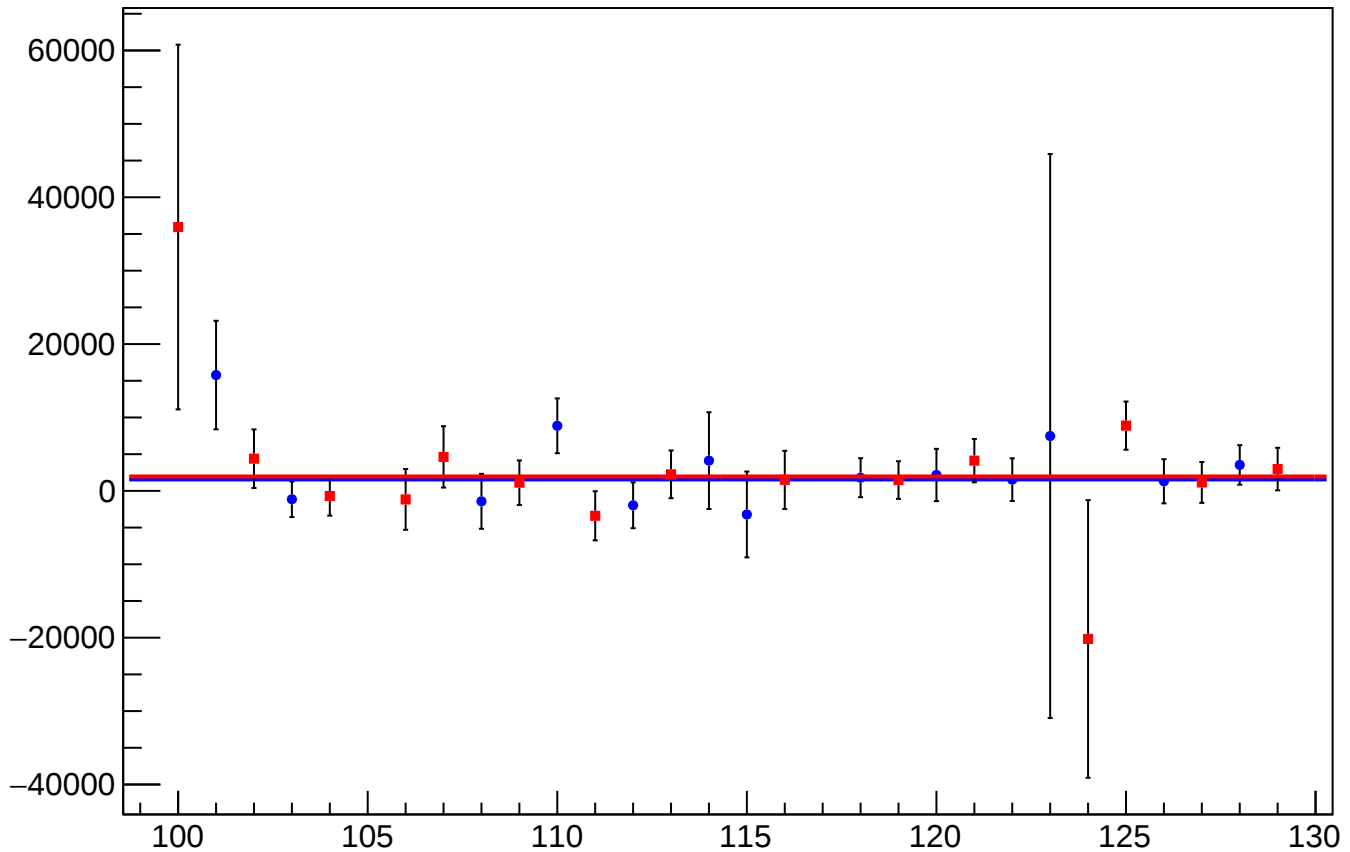
Right: 4284.548+/-0.982 χ^2/NDF : 1111103.5/27

In: 4408.644+/-1.491 χ^2/NDF : 562401.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4284.548+/-0.982 χ^2/NDF : 1111103.5/27

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1557.904+/-965.238 χ^2/NDF : 12.1/12

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

Right Out: 1965.215+/-881.331 χ^2/NDF : 13.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

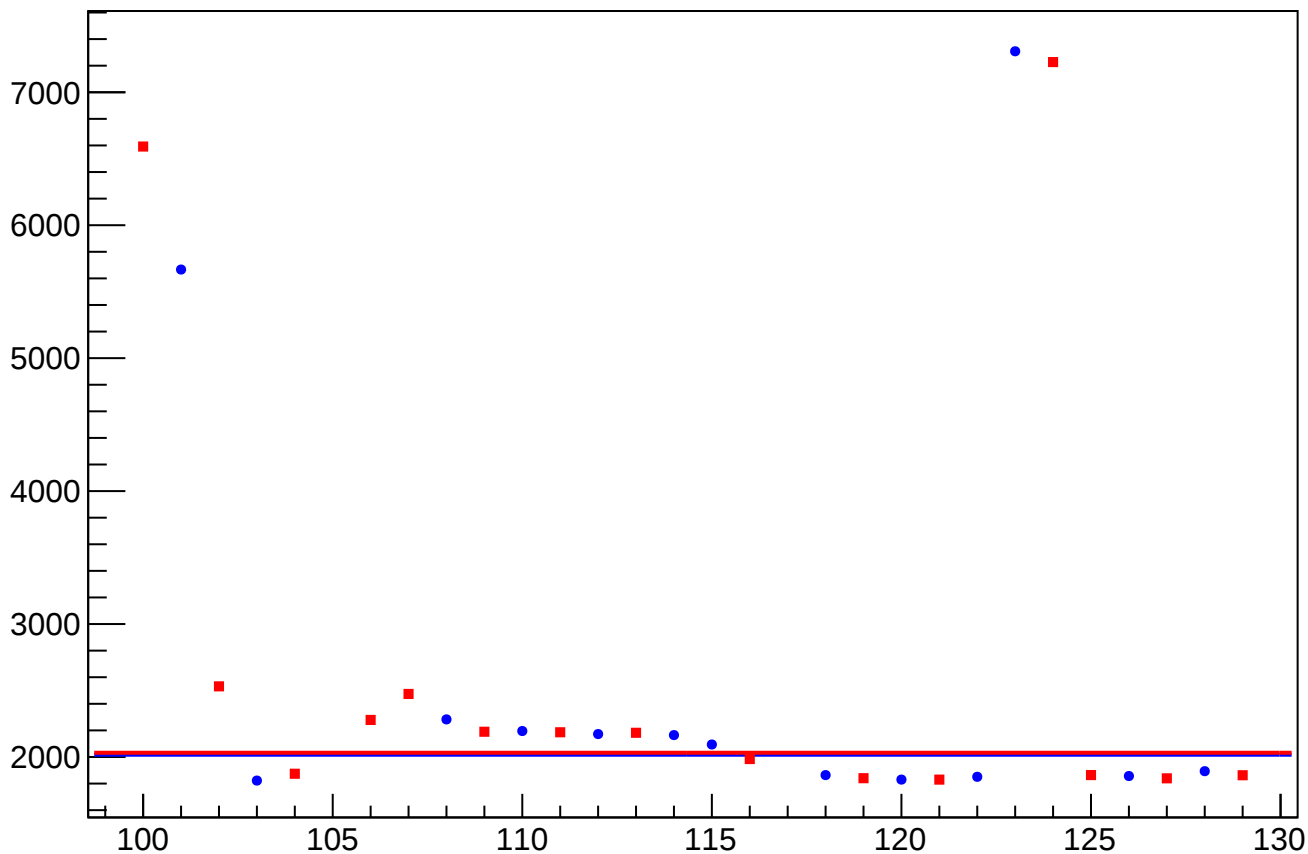
Right: 1780.029+/-650.841 χ^2/NDF : 25.7/27

In: 1557.904+/-965.238 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1780.029+/-650.841 χ^2/NDF : 25.7/27

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2016.954+/-0.683 χ^2/NDF : 587804.9/12

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

Right Out: 2031.873+/-0.623 χ^2/NDF : 342448.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

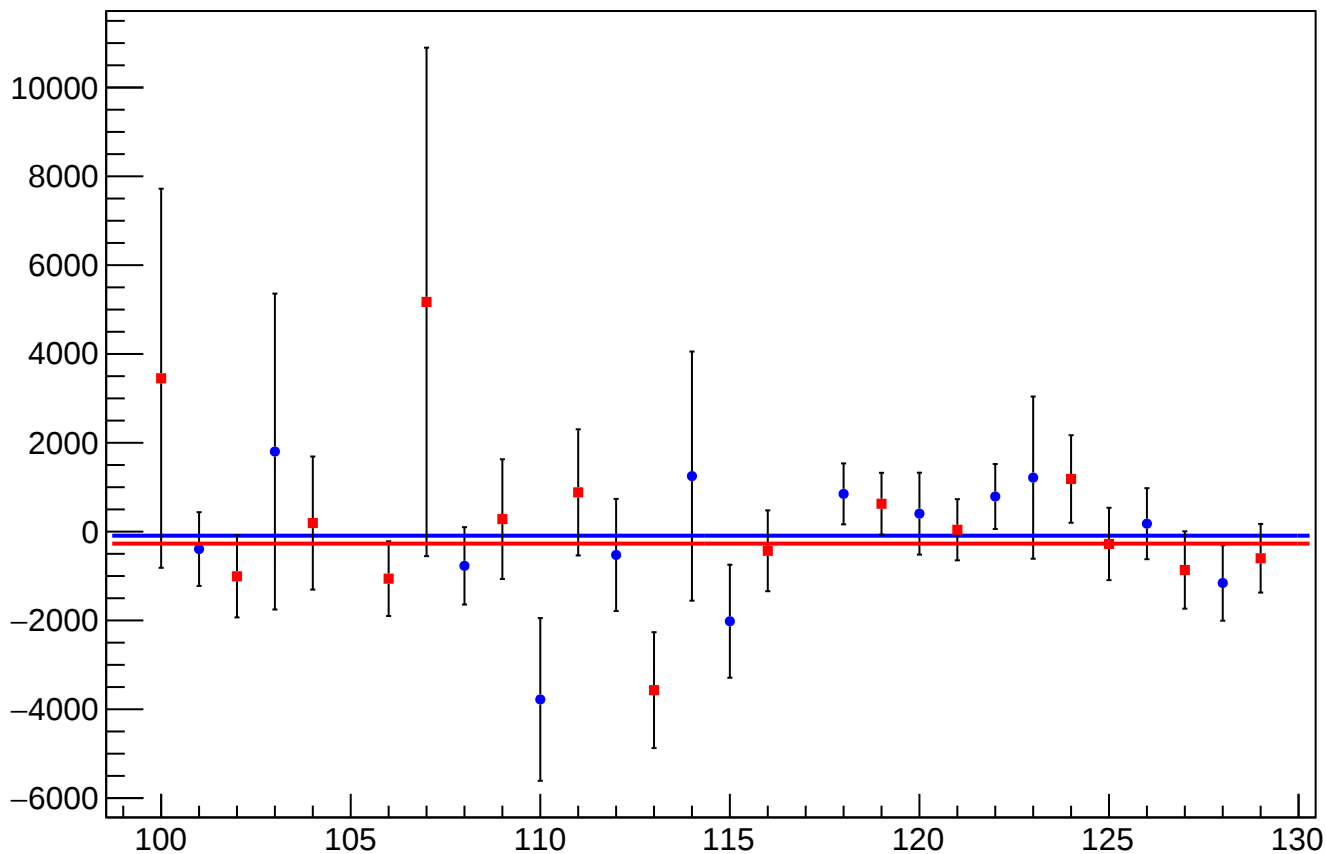
Right: 2025.090+/-0.460 χ^2/NDF : 930514.3/27

In: 2016.954+/-0.683 χ^2/NDF :587804.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2025.090+/-0.460 χ^2/NDF : 930514.3/27

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -91.371 ± 278.003 χ^2/NDF : 13.5/12

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

Right Out: -270.025 ± 252.757 χ^2/NDF : 15.2/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

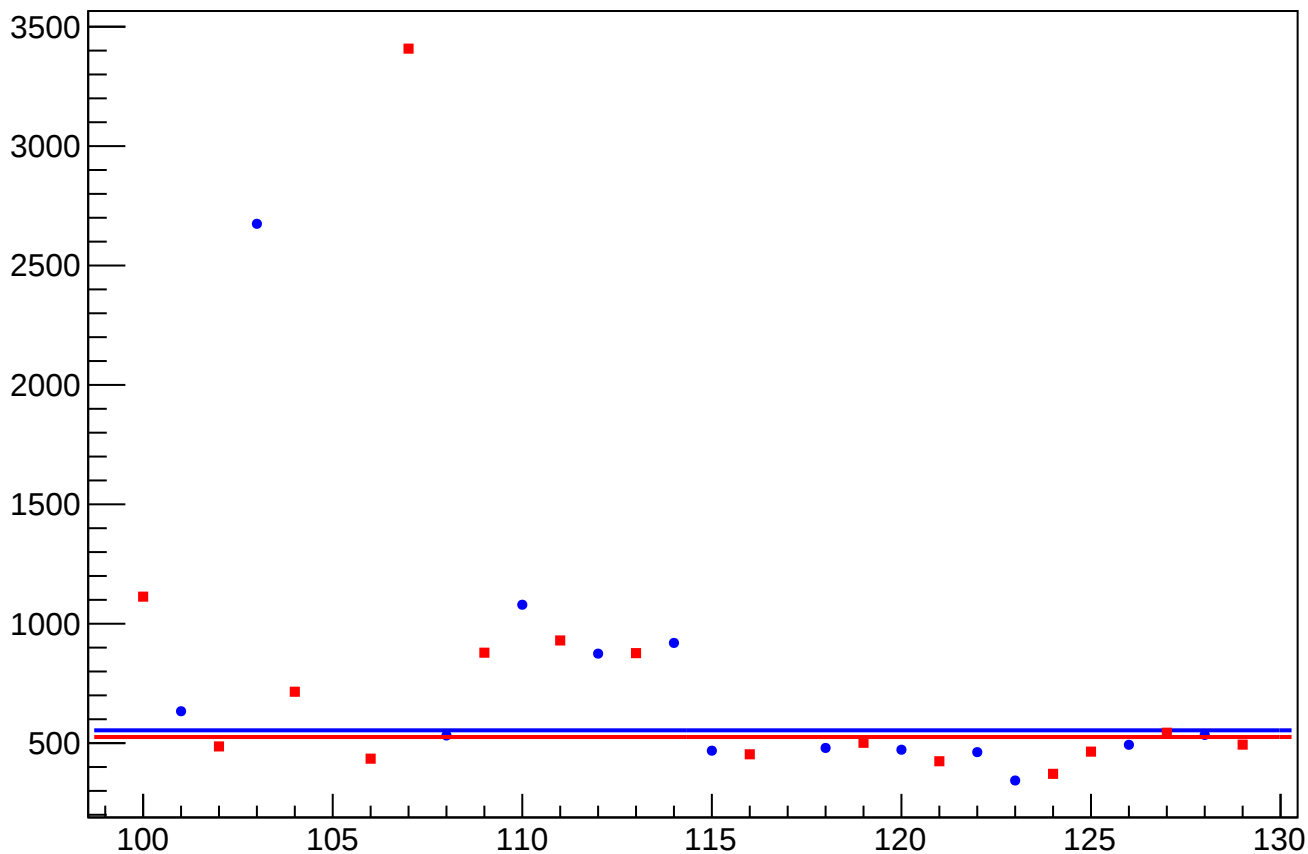
Right: -189.177 ± 187.016 χ^2/NDF : 29.0/27

In: -91.371 ± 278.003 χ^2/NDF : 13.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -189.177 ± 187.016 χ^2/NDF : 29.0/27

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 553.647+/-0.197 χ^2/NDF : 1177298.1/12

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

Right Out: 525.619+/-0.179 χ^2/NDF : 1171459.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

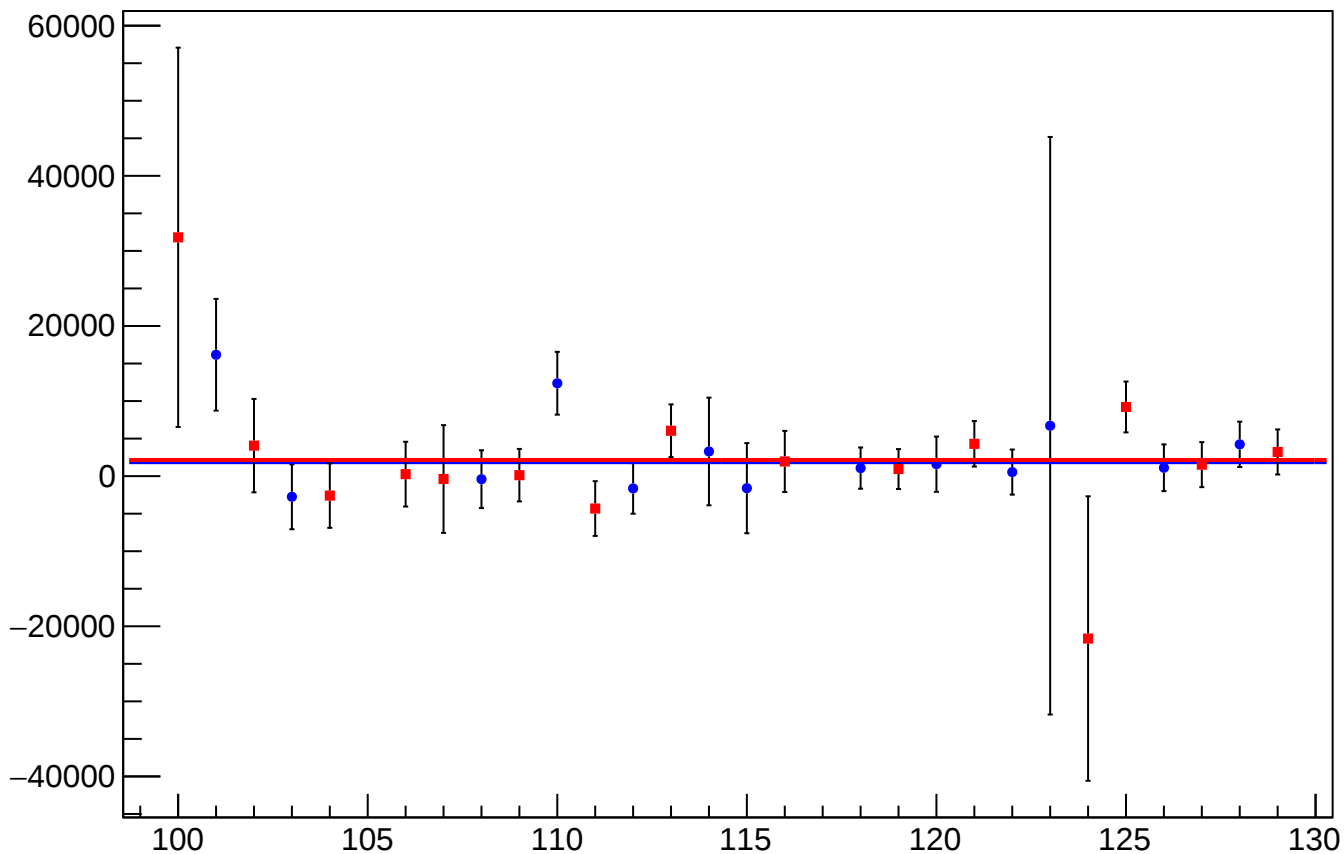
Right: 538.303+/-0.132 χ^2/NDF : 2359886.2/27

In: 553.647+/-0.197 χ^2/NDF : 1177298.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 538.303+/-0.132 χ^2/NDF : 2359886.2/27

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1860.784+/-1077.053 χ^2/NDF : 13.9/12

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

Right Out: 2154.123+/-992.051 χ^2/NDF : 14.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

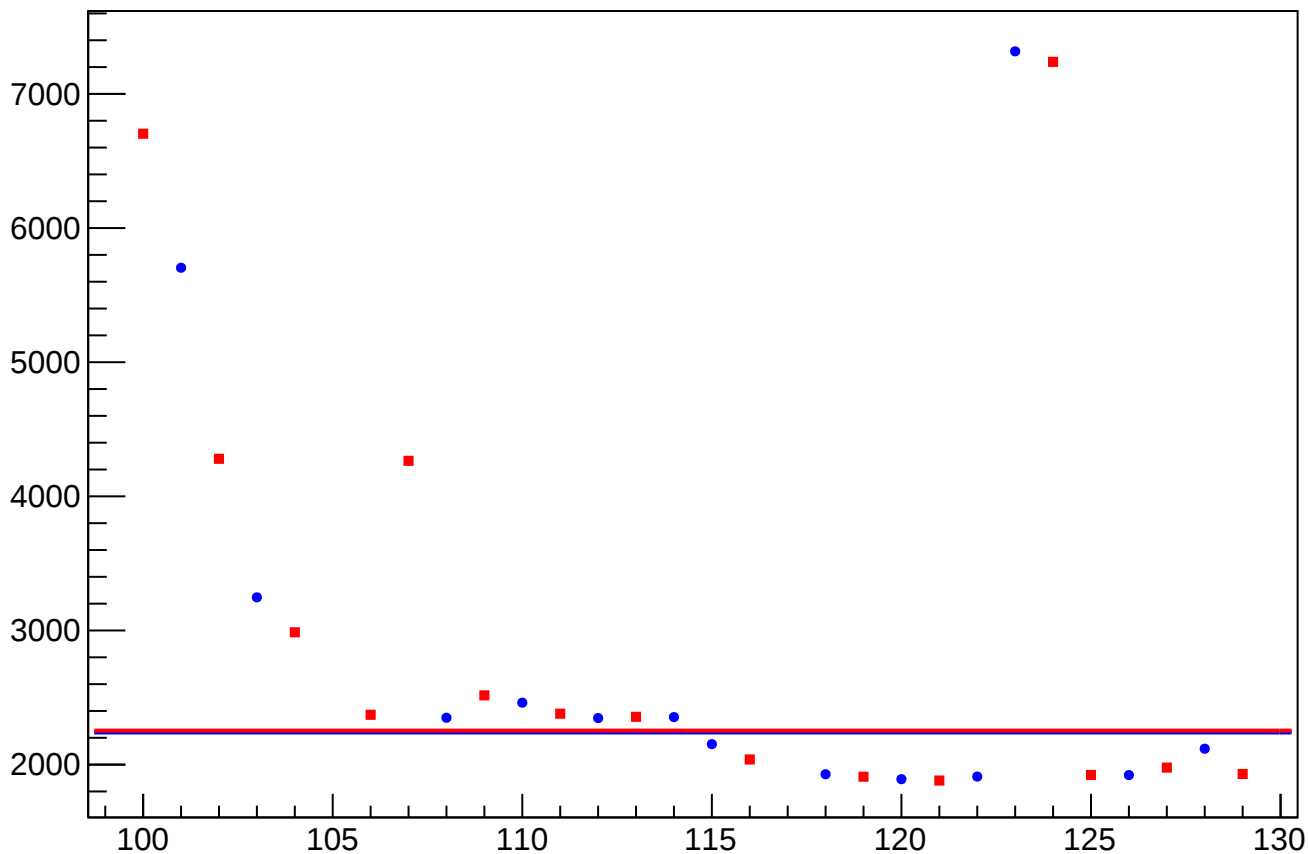
Right: 2019.484+/-729.689 χ^2/NDF : 28.5/27

In: 1860.784+/-1077.053 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2019.484+/-729.689 χ^2/NDF : 28.5/27

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2239.415+/-0.762 χ^2/NDF : 678764.2/12

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

Right Out: 2253.781+/-0.701 χ^2/NDF : 773321.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

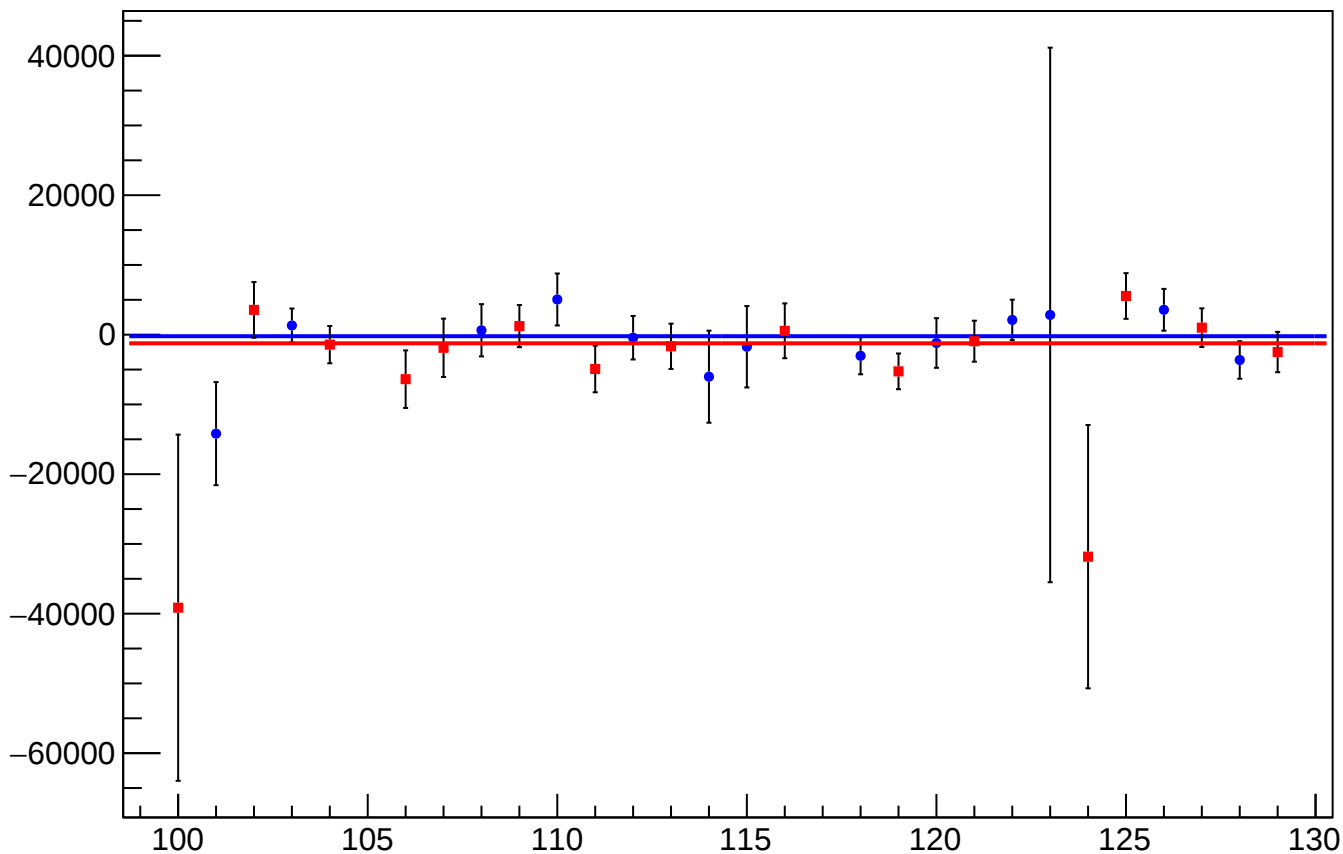
Right: 2247.187+/-0.516 χ^2/NDF : 1452278.5/27

In: 2239.415+/-0.762 χ^2/NDF : 678764.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2247.187+/-0.516 χ^2/NDF : 1452278.5/27

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -217.644+/-963.786 χ^2/NDF : 11.9/12

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

Right Out: -1234.810+/-879.667 χ^2/NDF : 17.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

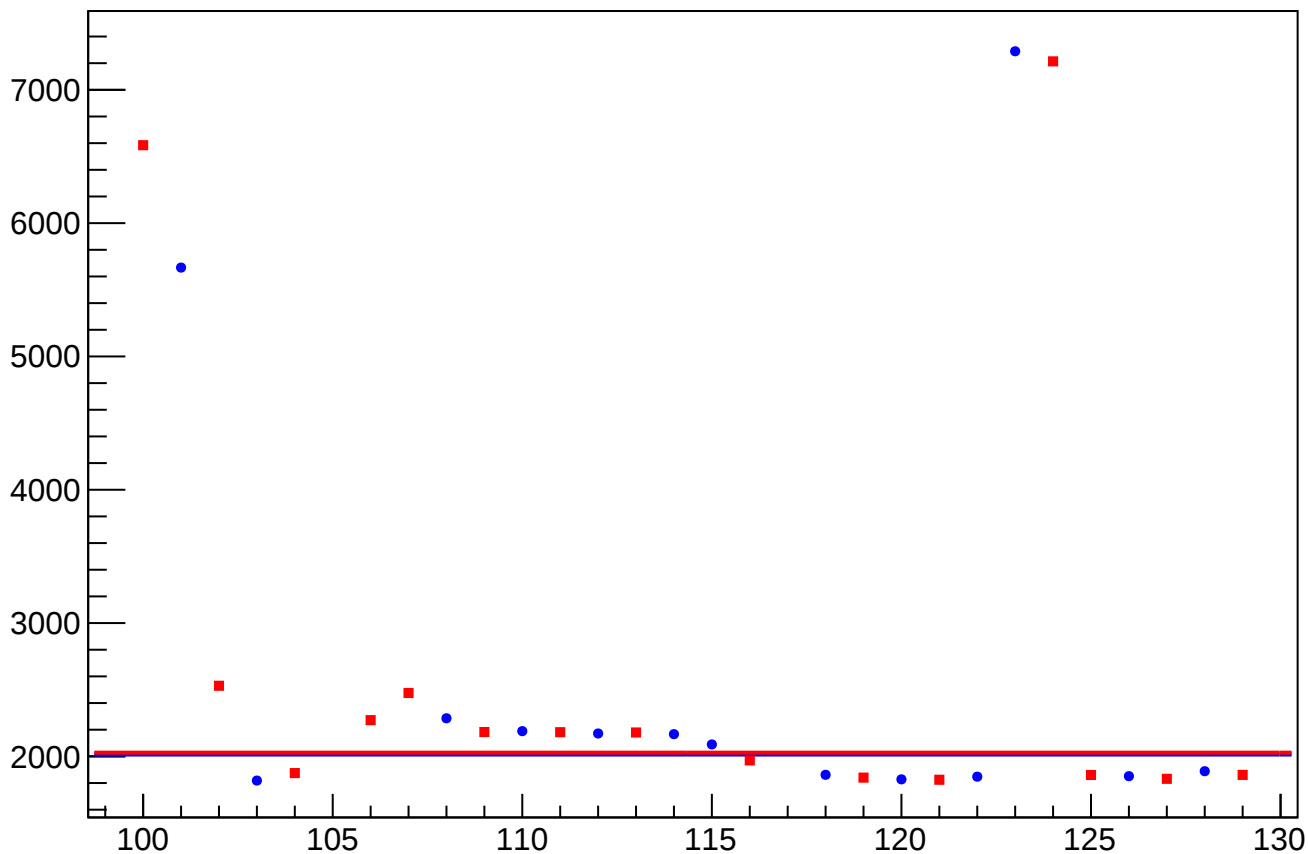
Right: -772.545+/-649.726 χ^2/NDF : 30.2/27

In: -217.644+/-963.786 χ^2/NDF : 11.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -772.545+/-649.726 χ^2/NDF : 30.2/27

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2013.632+/-0.681 χ^2/NDF : 589562.3/12

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

Right Out: 2027.955+/-0.622 χ^2/NDF : 342823.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

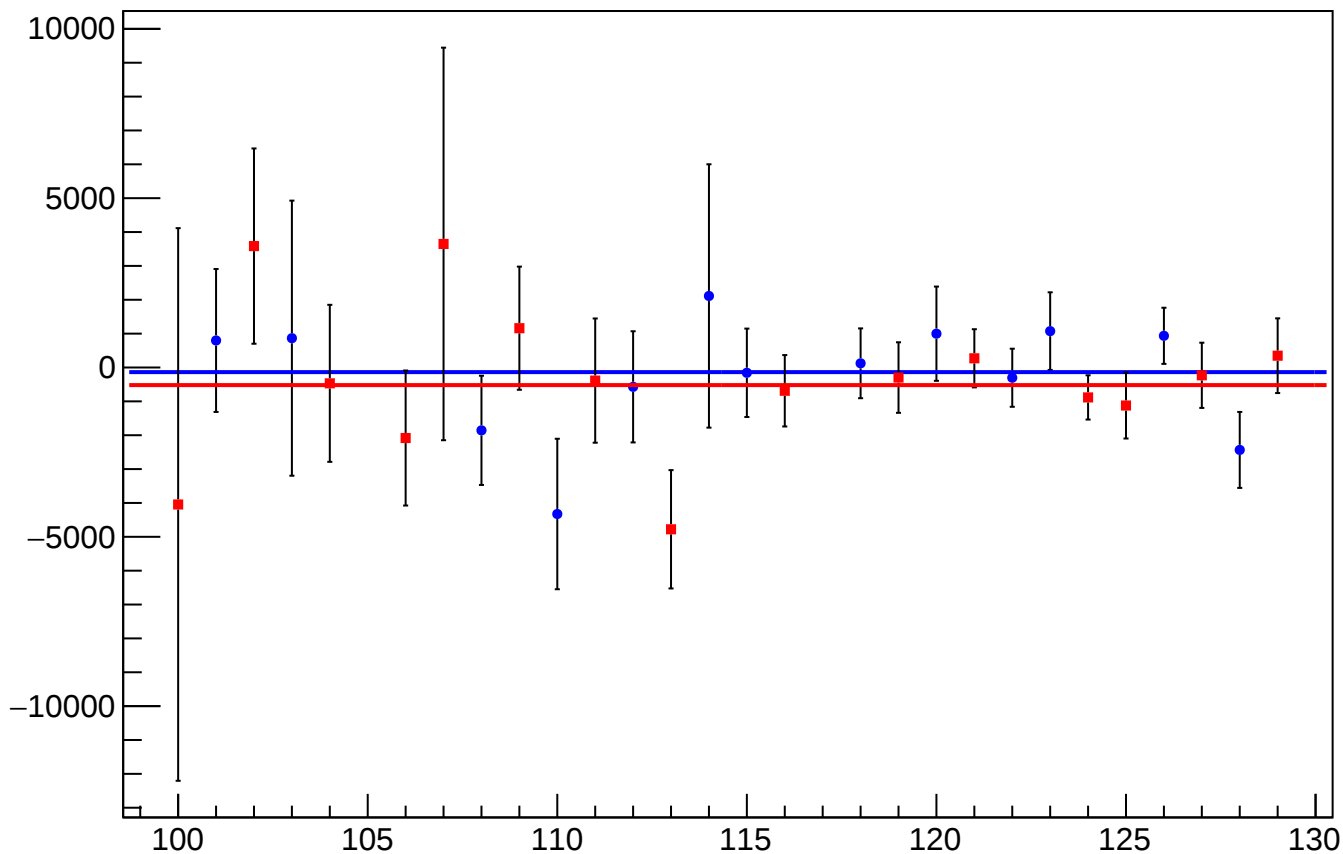
Right: 2021.445+/-0.459 χ^2/NDF : 932626.6/27

In: 2013.632+/-0.681 χ^2/NDF : 589562.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2021.445+/-0.459 χ^2/NDF : 932626.6/27

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: -136.522 ± 359.789 χ^2/NDF : 13.1/12

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

Right Out: -519.717 ± 316.226 χ^2/NDF : 12.5/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

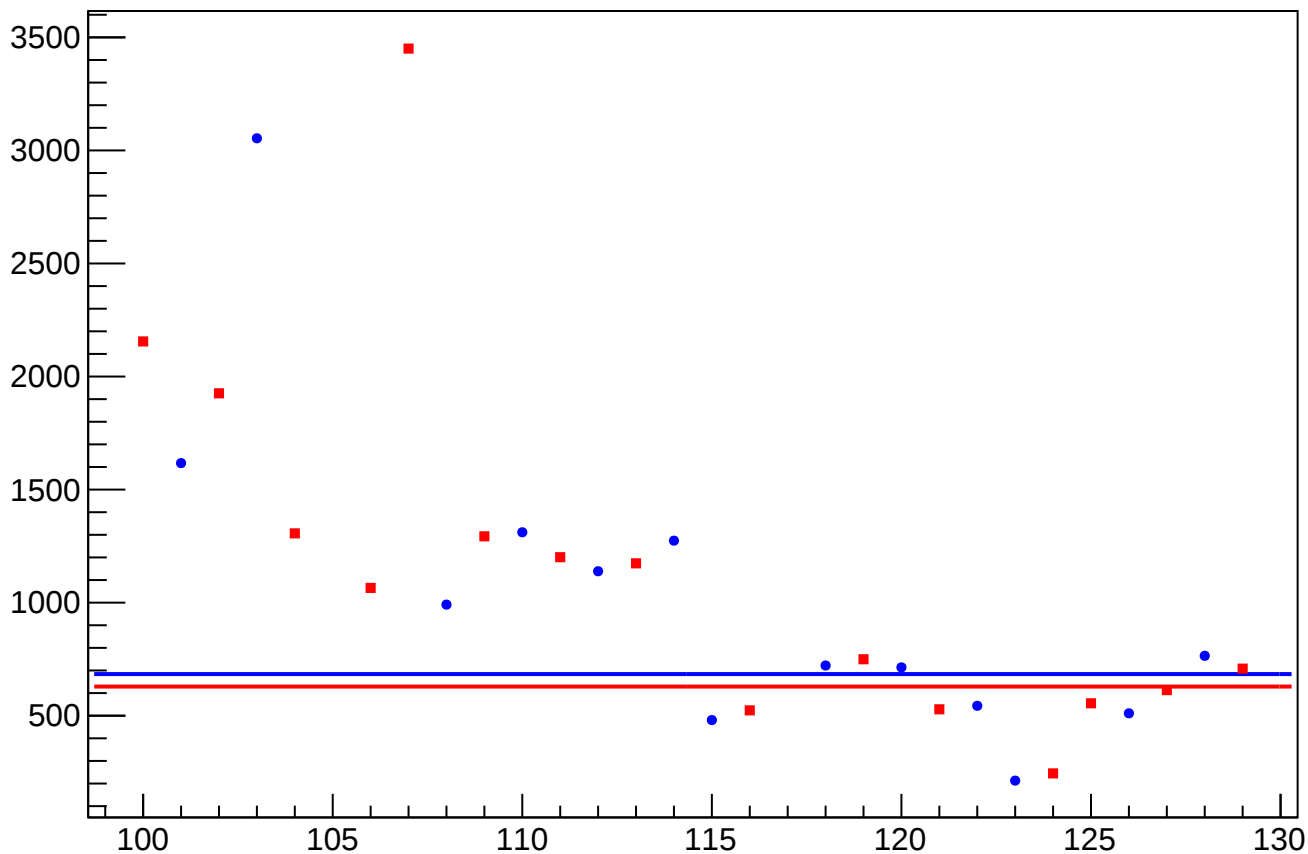
Right: -352.711 ± 237.522 χ^2/NDF : 26.2/27

In: -136.522 ± 359.789 χ^2/NDF : 13.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -352.711 ± 237.522 χ^2/NDF : 26.2/27

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 684.075+/-0.254 χ^2/NDF : 2044794.9/12

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

Right Out: 628.886+/-0.224 χ^2/NDF : 2658165.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

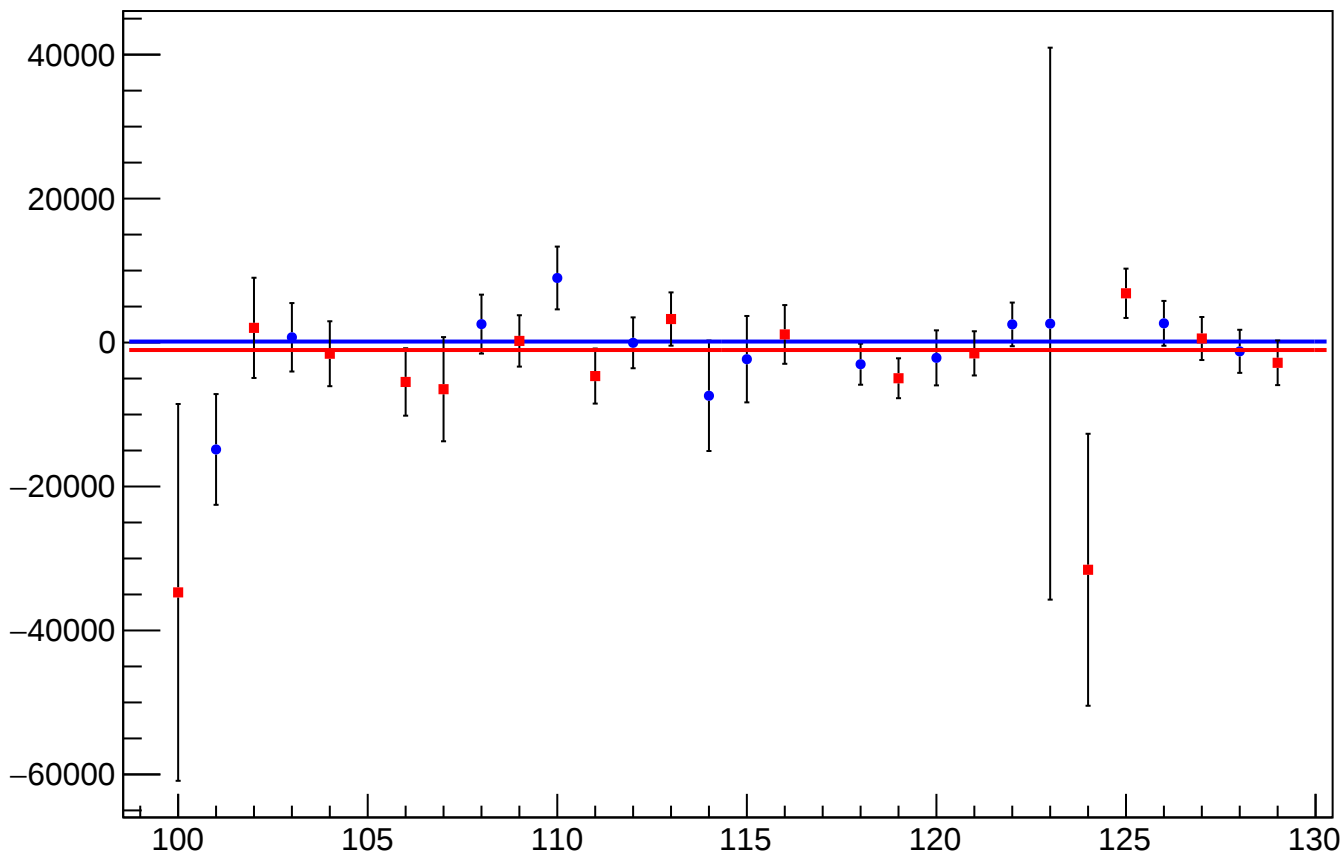
Right: 652.939+/-0.168 χ^2/NDF : 4729509.4/27

In: 684.075+/-0.254 χ^2/NDF : 2044794.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 652.939+/-0.168 χ^2/NDF : 4729509.4/27

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 139.978+/-1108.407 χ^2/NDF : 12.5/12

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

Right Out: -1038.769+/-1022.598 χ^2/NDF : 16.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

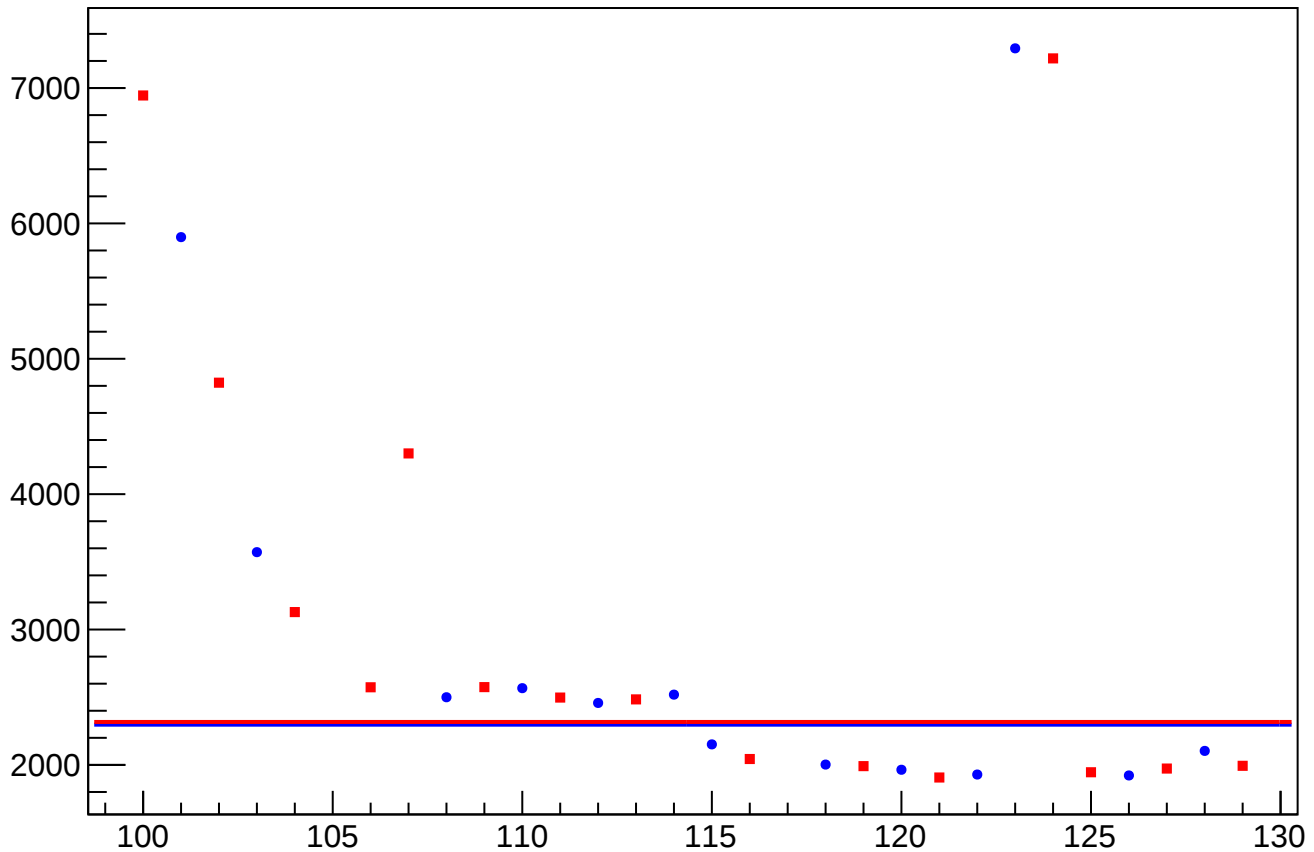
Right: -496.784+/-751.593 χ^2/NDF : 29.6/27

In: 139.978+/-1108.407 χ^2/NDF : 12.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -496.784+/-751.593 χ^2/NDF : 29.6/27

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2297.256+/-0.784 χ^2/NDF : 738848.3/12

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

Right Out: 2317.303+/-0.723 χ^2/NDF : 840641.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

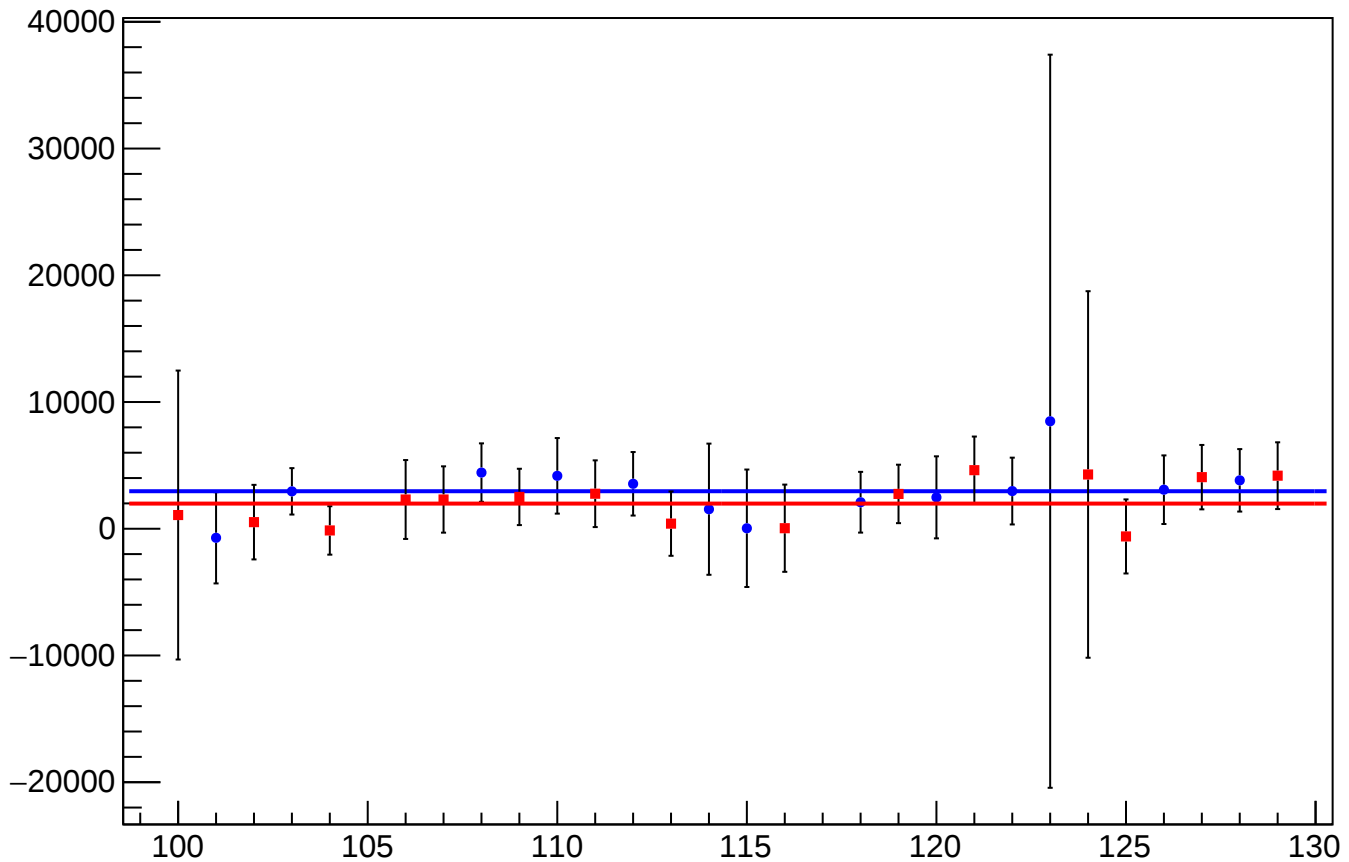
Right: 2308.086+/-0.531 χ^2/NDF : 1579843.5/27

In: 2297.256+/-0.784 χ^2/NDF : 738848.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2308.086+/-0.531 χ^2/NDF : 1579843.5/27

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2960.758+/-782.122 χ^2/NDF : 2.5/12

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

Right Out: 1984.933+/-709.986 χ^2/NDF : 5.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

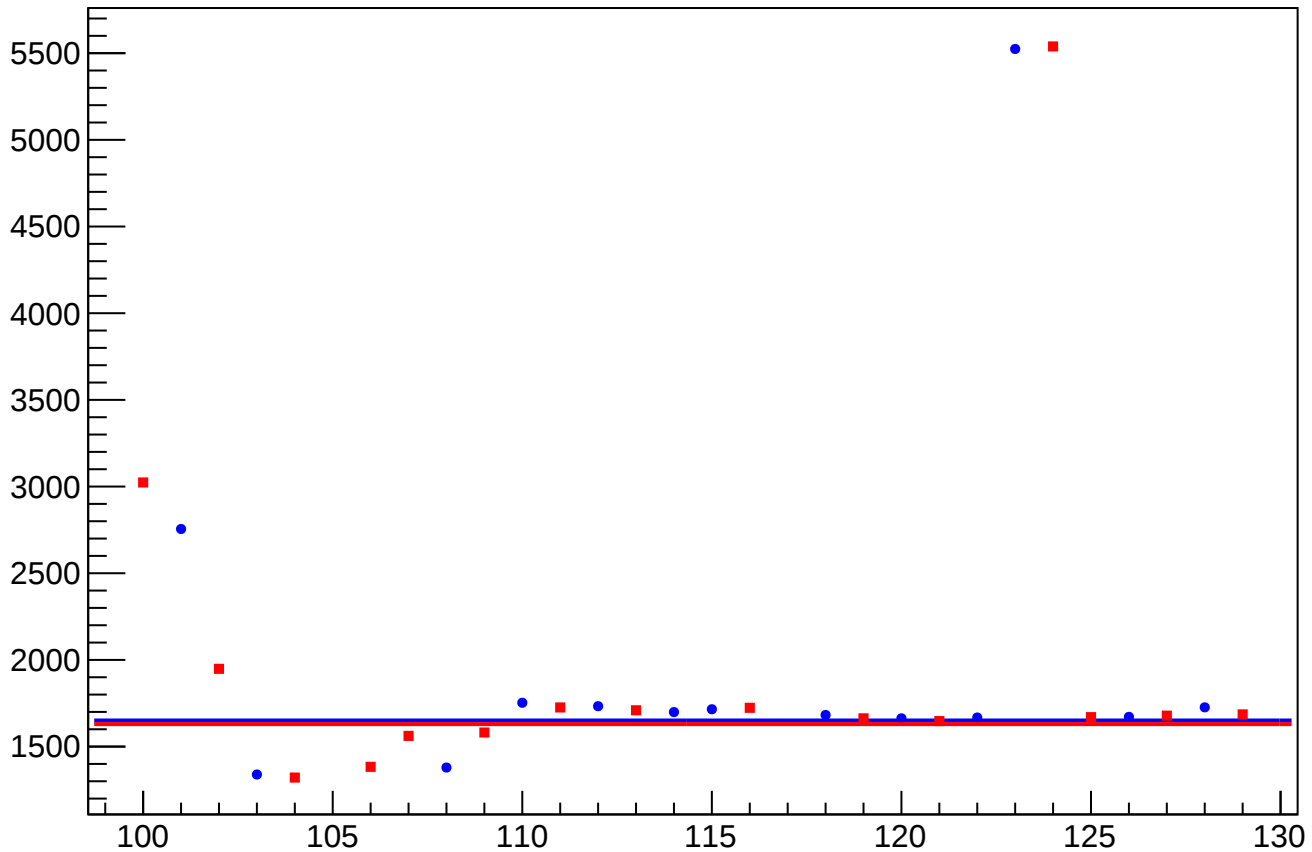
Right: 2425.778+/-525.693 χ^2/NDF : 9.0/27

In: 2960.758+/-782.122 χ^2/NDF : 2.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2425.778+/-525.693 χ^2/NDF : 9.0/27

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1650.521+/-0.553 χ^2/NDF : 317403.8/12

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

Right Out: 1629.611+/-0.502 χ^2/NDF : 275114.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

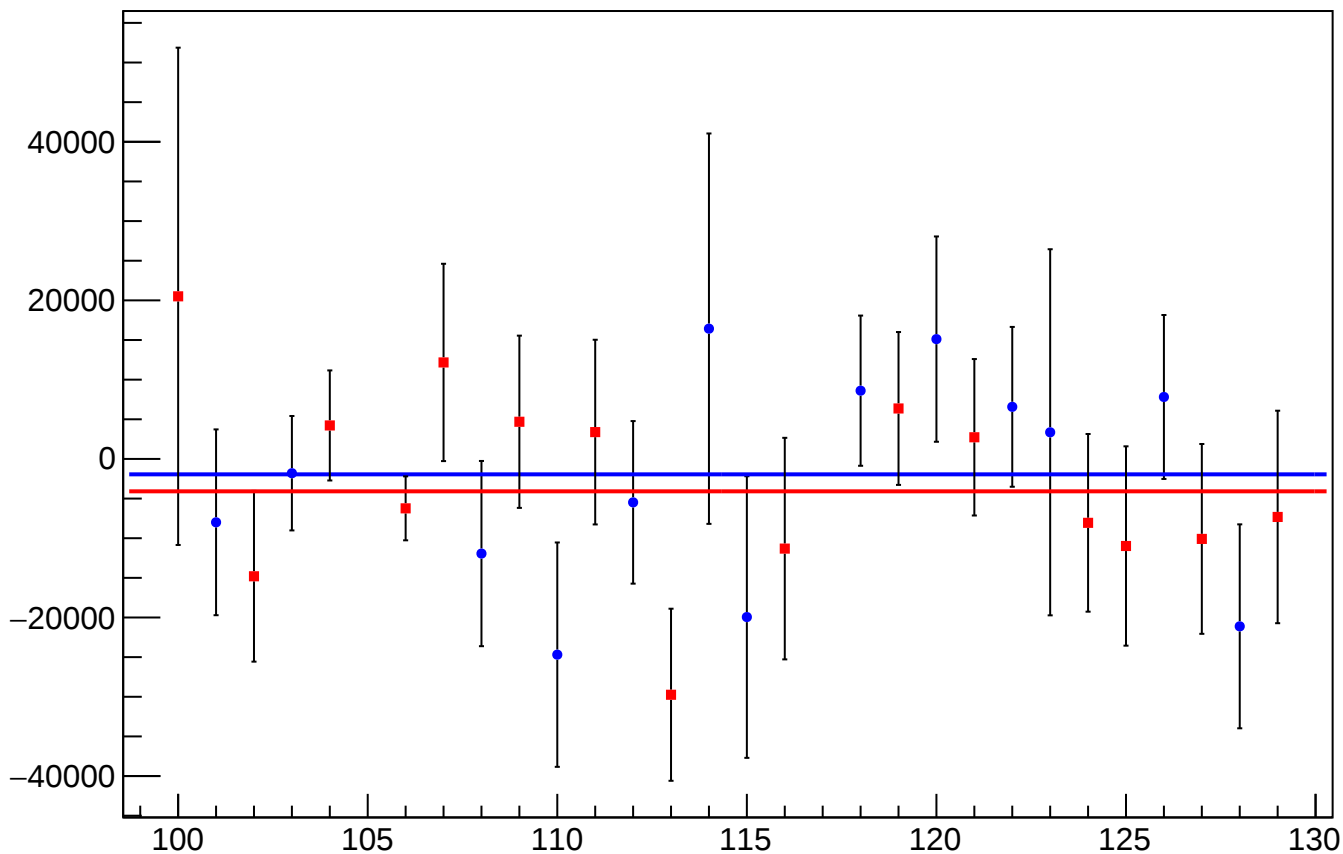
Right: 1639.057+/-0.372 χ^2/NDF : 593301.8/27

In: 1650.521+/-0.553 χ^2/NDF : 317403.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1639.057+/-0.372 χ^2/NDF : 593301.8/27

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -1943.823+/-3204.805 χ^2/NDF : 12.1/12

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

Right Out: -4086.150+/-2386.067 χ^2/NDF : 14.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

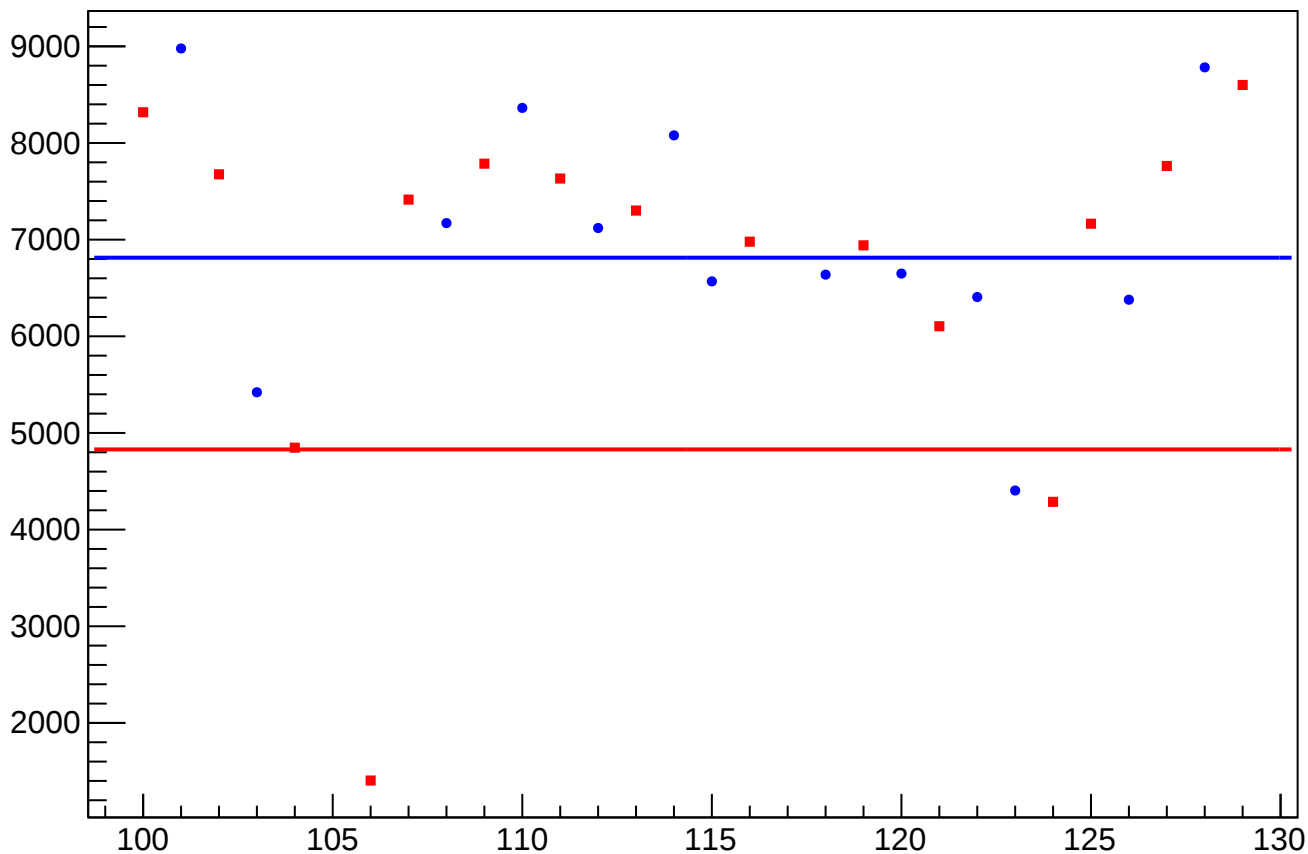
Right: -3322.127+/-1913.869 χ^2/NDF : 26.8/27

In: -1943.823+/-3204.805 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3322.127+/-1913.869 χ^2/NDF : 26.8/27

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 6813.358+/-2.266 χ^2/NDF : 252450.6/12

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

Right Out: 4829.748+/-1.687 χ^2/NDF : 2589657.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

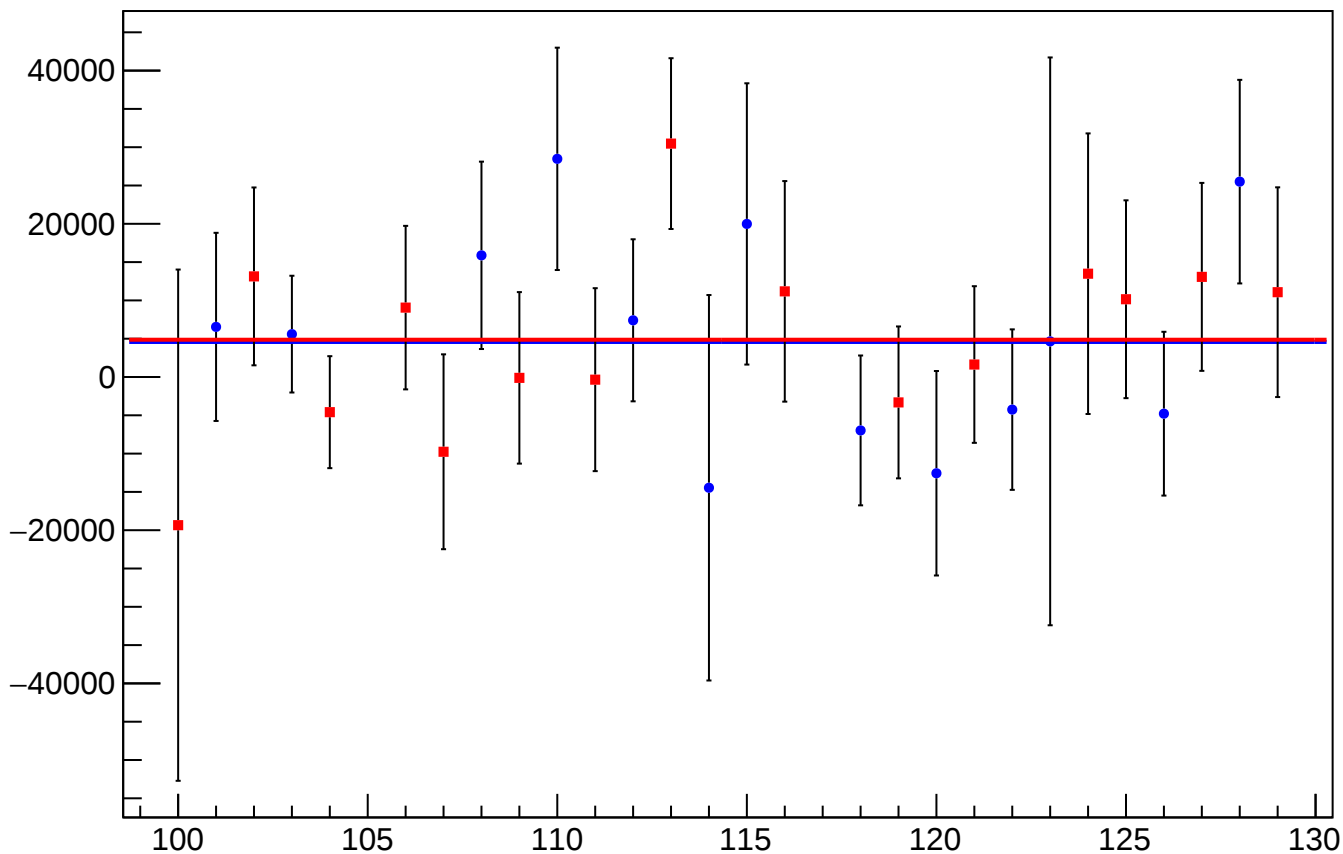
Right: 5537.168+/-1.353 χ^2/NDF : 3335053.0/27

In: 6813.358+/-2.266 χ^2/NDF : 252450.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5537.168+/-1.353 χ^2/NDF : 3335053.0/27

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 4574.046+/-3350.455 χ^2/NDF : 12.0/12

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

Right Out: 4866.831+/-3007.605 χ^2/NDF : 11.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

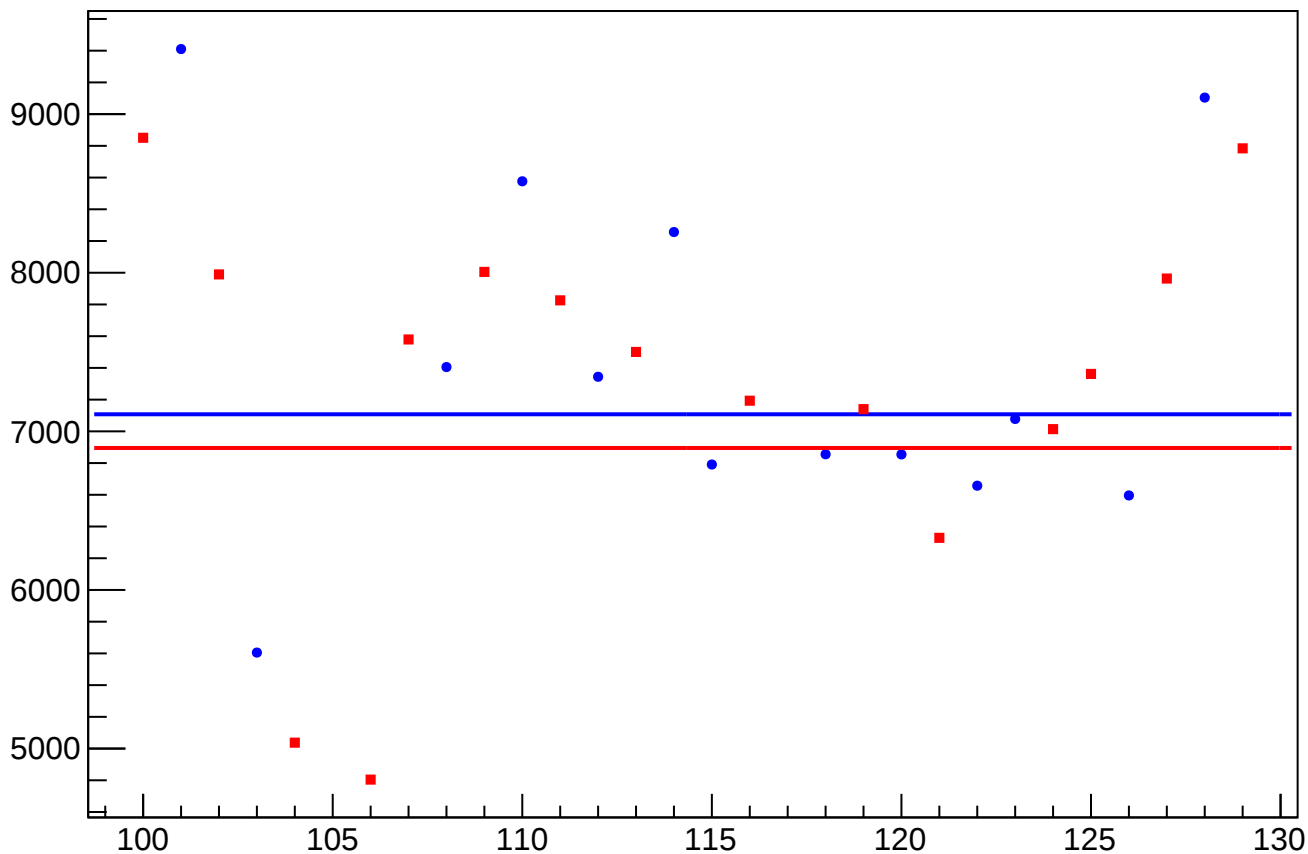
Right: 4736.181+/-2238.126 χ^2/NDF : 23.8/27

In: 4574.046+/-3350.455 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4736.181+/-2238.126 χ^2/NDF : 23.8/27

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7107.580+/-2.369 χ^2/NDF : 230975.1/12

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

Right Out: 6895.171+/-2.126 χ^2/NDF : 338554.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

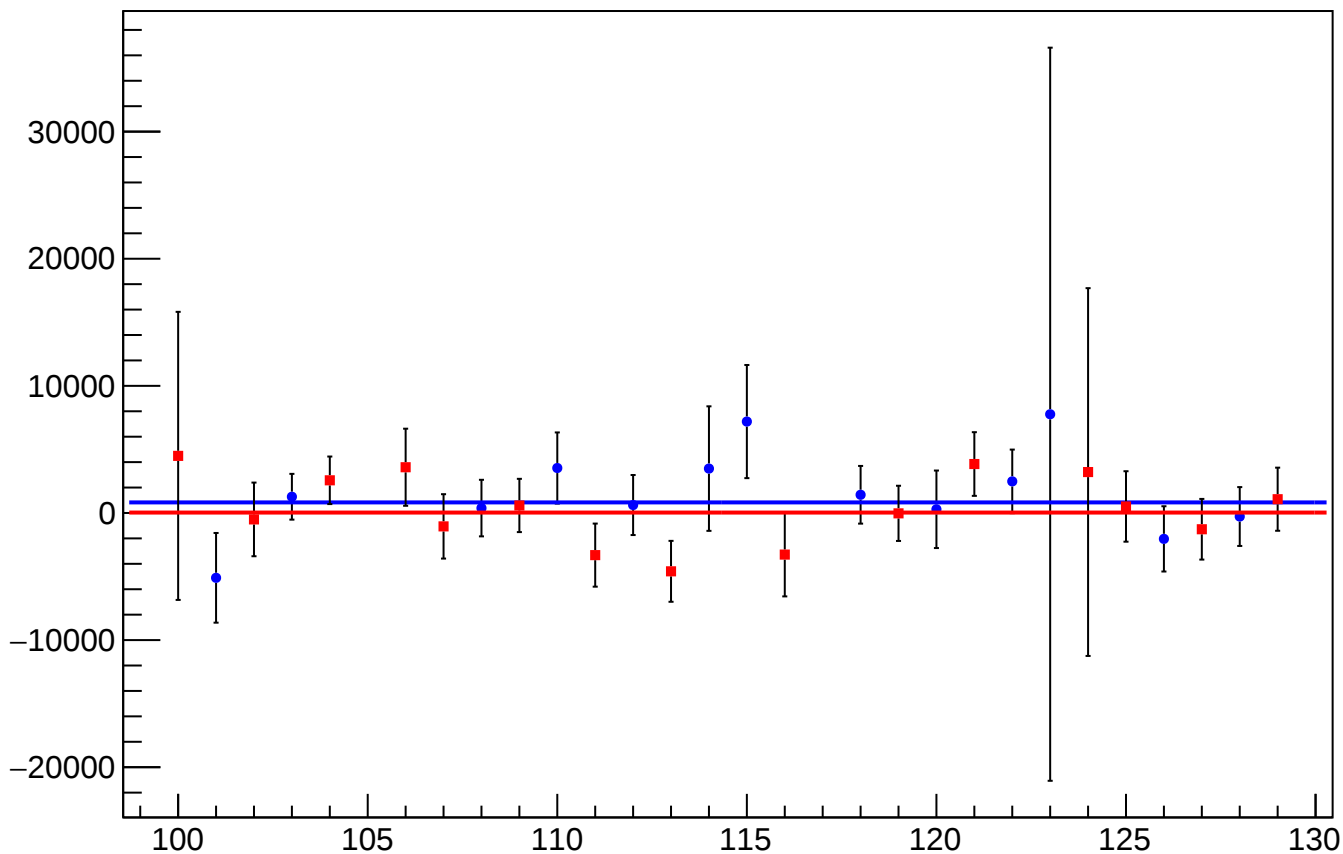
Right: 6989.943+/-1.582 χ^2/NDF : 573982.0/27

In: 7107.580+/-2.369 χ^2/NDF : 230975.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6989.943+/-1.582 χ^2/NDF : 573982.0/27

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 830.826+/-747.152 χ^2/NDF : 8.3/12

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

Right Out: 32.220+/-677.459 χ^2/NDF : 13.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

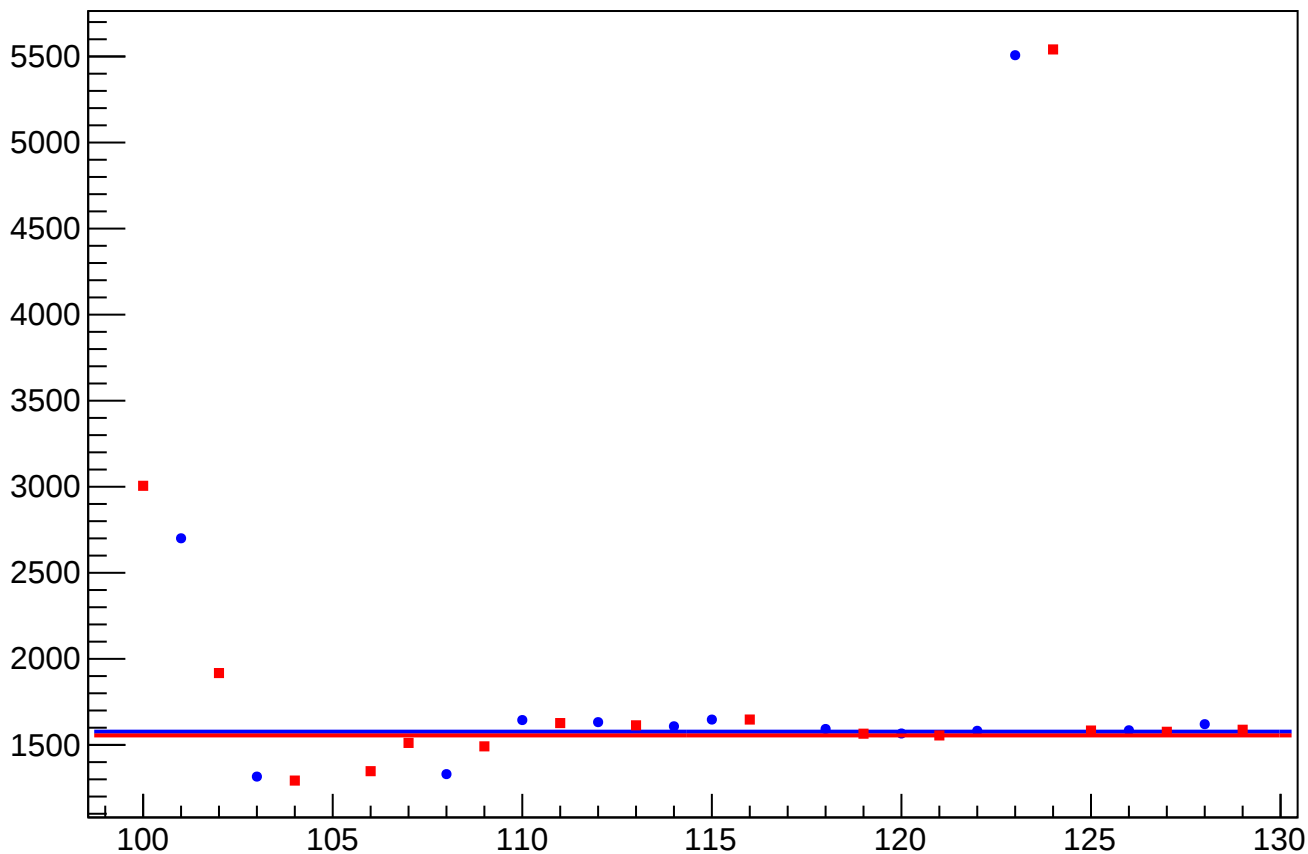
Right: 392.548+/-501.870 χ^2/NDF : 22.0/27

In: 830.826+/-747.152 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 392.548+/-501.870 χ^2/NDF : 22.0/27

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1577.030+/-0.528 χ^2/NDF : 310288.3/12

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

Right Out: 1555.142+/-0.479 χ^2/NDF : 272252.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

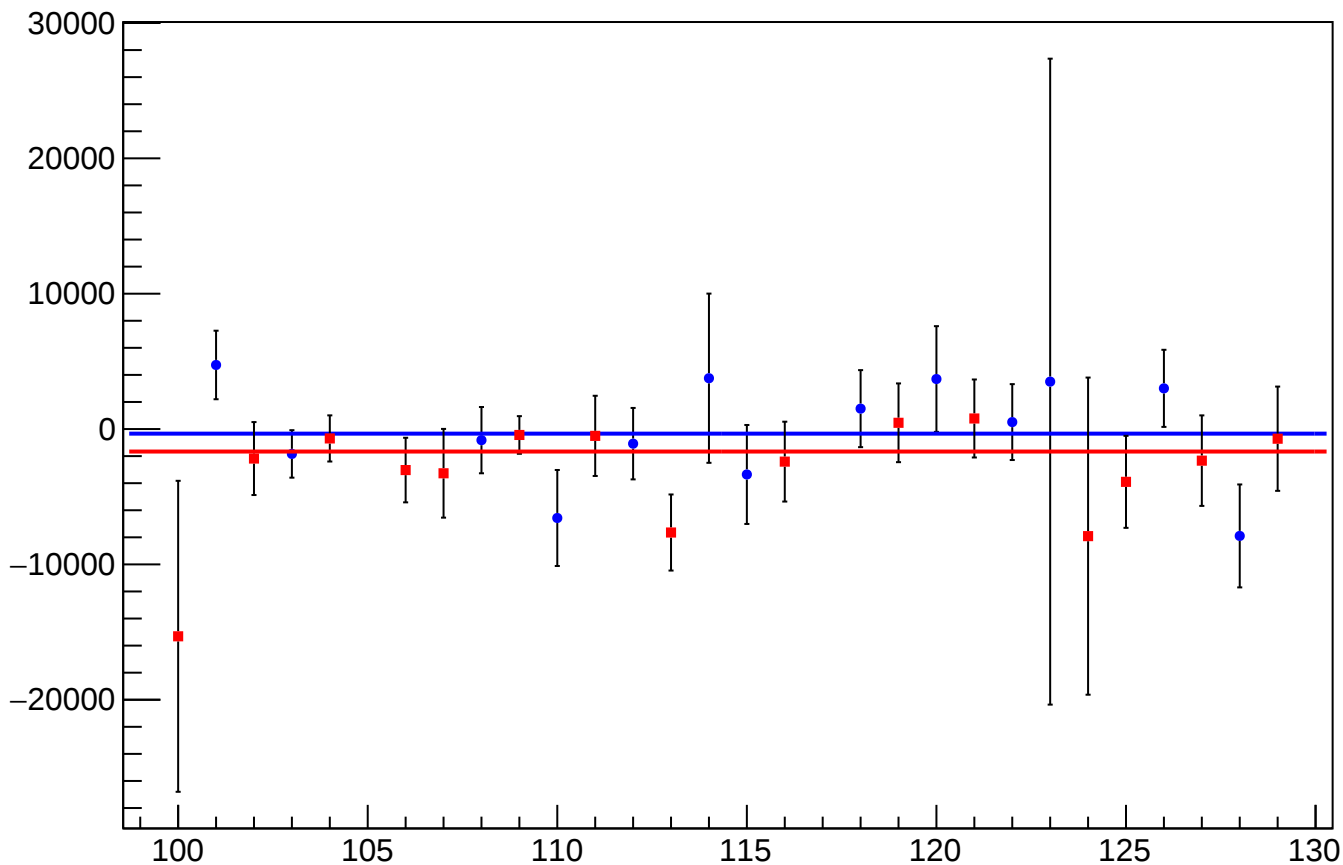
Right: 1565.017+/-0.355 χ^2/NDF : 583483.1/27

In: 1577.030+/-0.528 χ^2/NDF : 310288.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1565.017+/-0.355 χ^2/NDF : 583483.1/27

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -339.747 $\pm$ 821.458 χ^2 /NDF: 16.0/12

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

Right Out: -1661.962 $\pm$ 686.795 χ^2 /NDF: 9.9/14

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

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

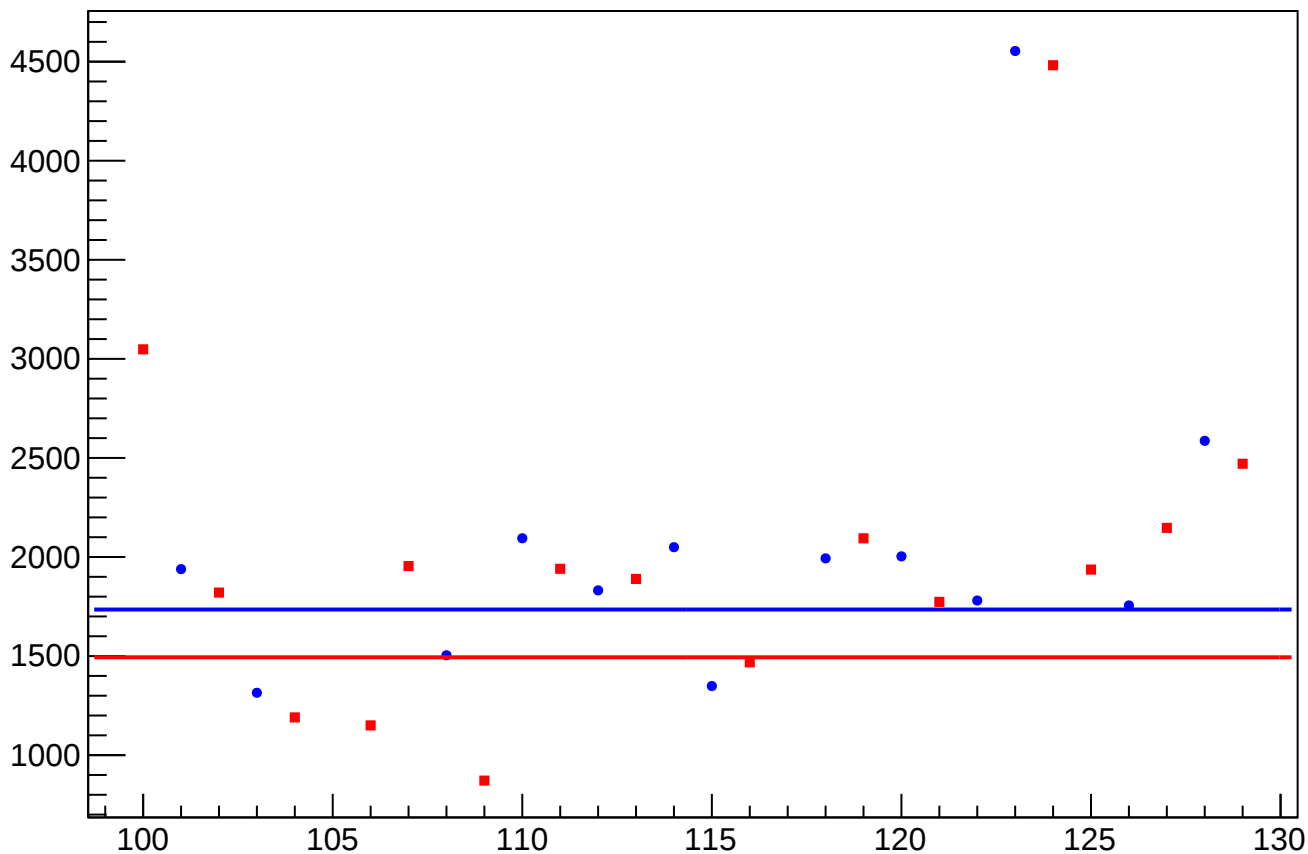
Right: -1117.973 $\pm$ 526.901 χ^2 /NDF: 27.5/27

In: -339.747 $\pm$ 821.458 χ^2 /NDF:16.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1117.973 $\pm$ 526.901 χ^2 /NDF: 27.5/27

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 1734.985+/-0.581 χ^2/NDF : 350850.9/12

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

Right Out: 1493.865+/-0.486 χ^2/NDF : 1169190.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

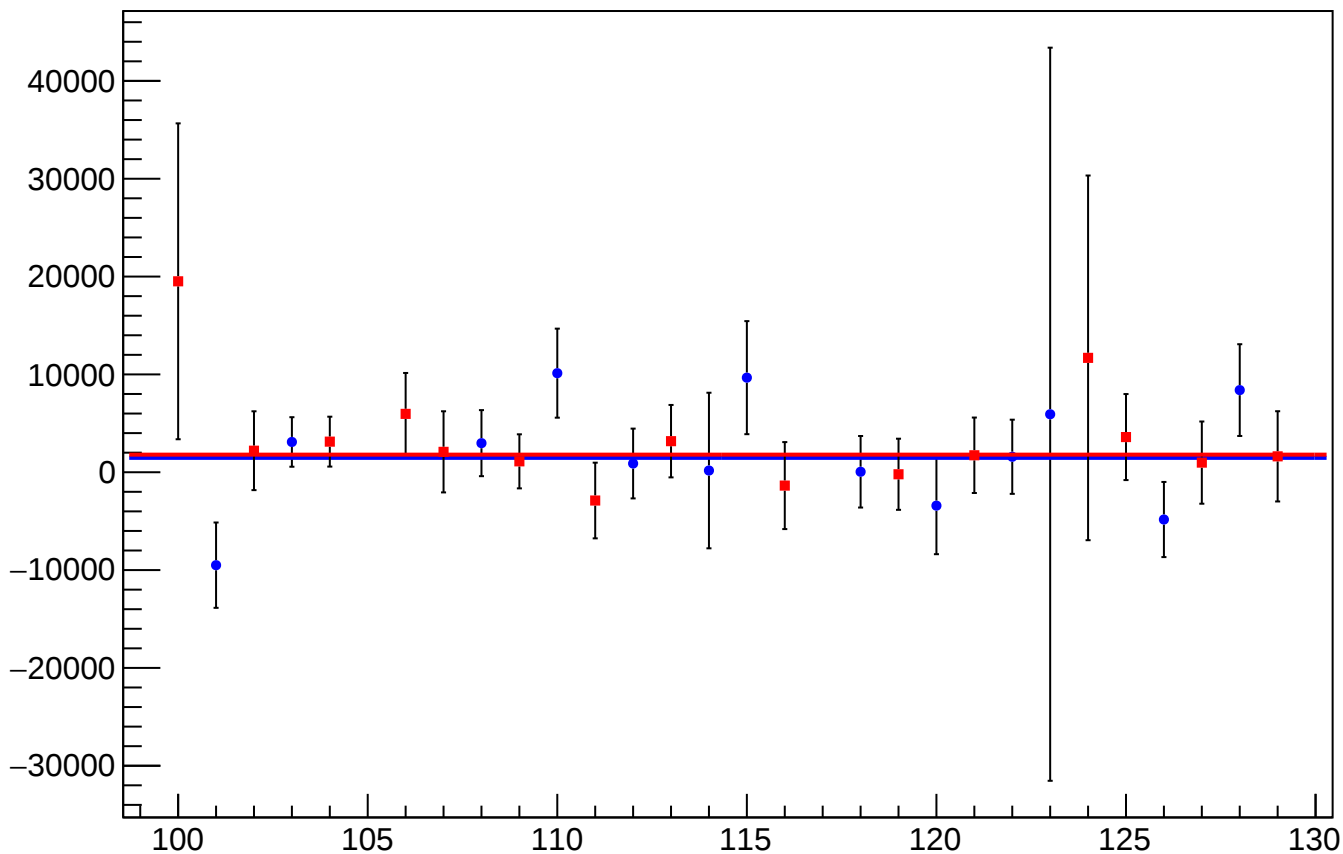
Right: 1593.067+/-0.373 χ^2/NDF : 1621463.0/27

In: 1734.985+/-0.581 χ^2/NDF : 350850.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1593.067+/-0.373 χ^2/NDF : 1621463.0/27

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1470.040+/-1141.062 χ^2/NDF : 18.6/12

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

Right Out: 1799.366+/-1022.127 χ^2/NDF : 5.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

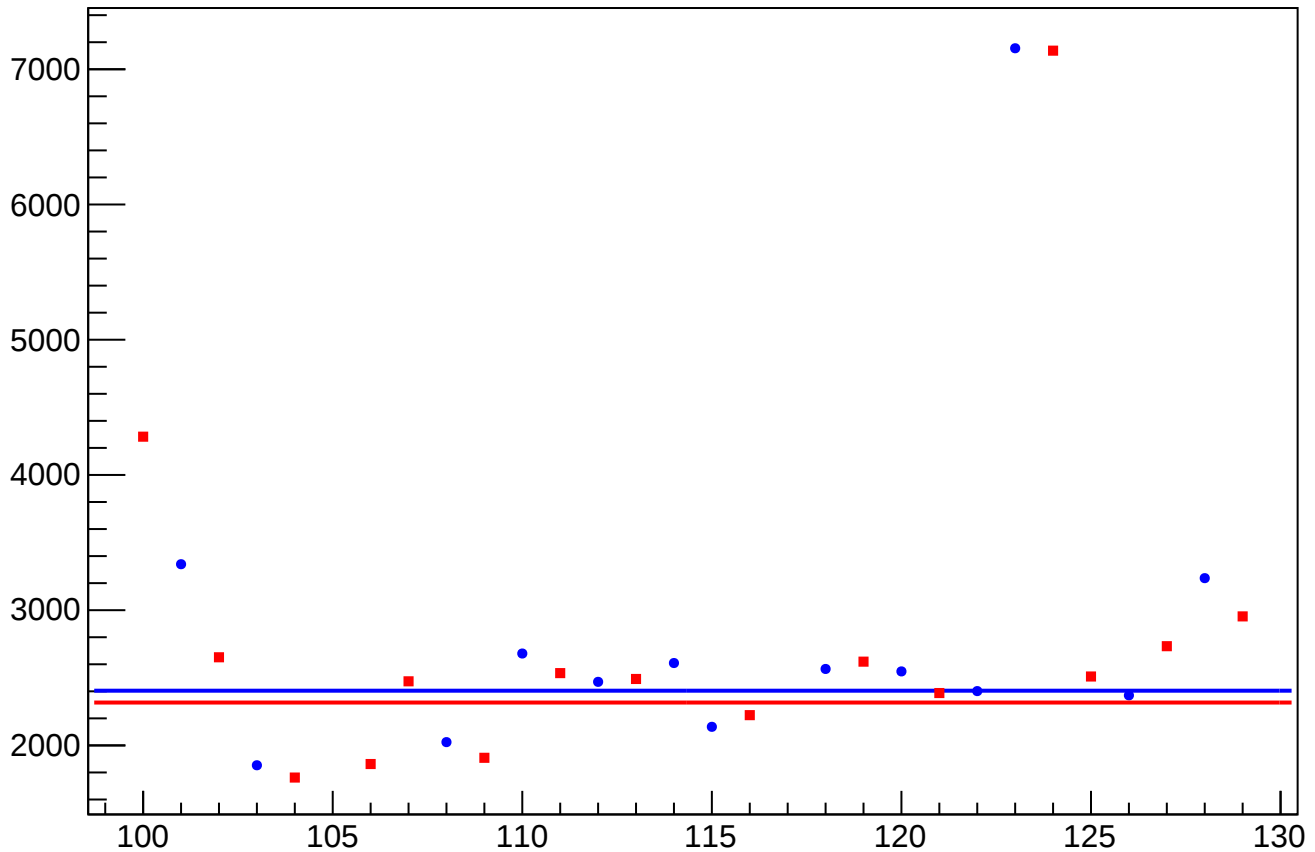
Right: 1652.755+/-761.341 χ^2/NDF : 24.1/27

In: 1470.040+/-1141.062 χ^2/NDF : 18.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1652.755+/-761.341 χ^2/NDF : 24.1/27

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2404.617+/-0.807 χ^2/NDF : 326664.5/12

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

Right Out: 2317.063+/-0.723 χ^2/NDF : 429928.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

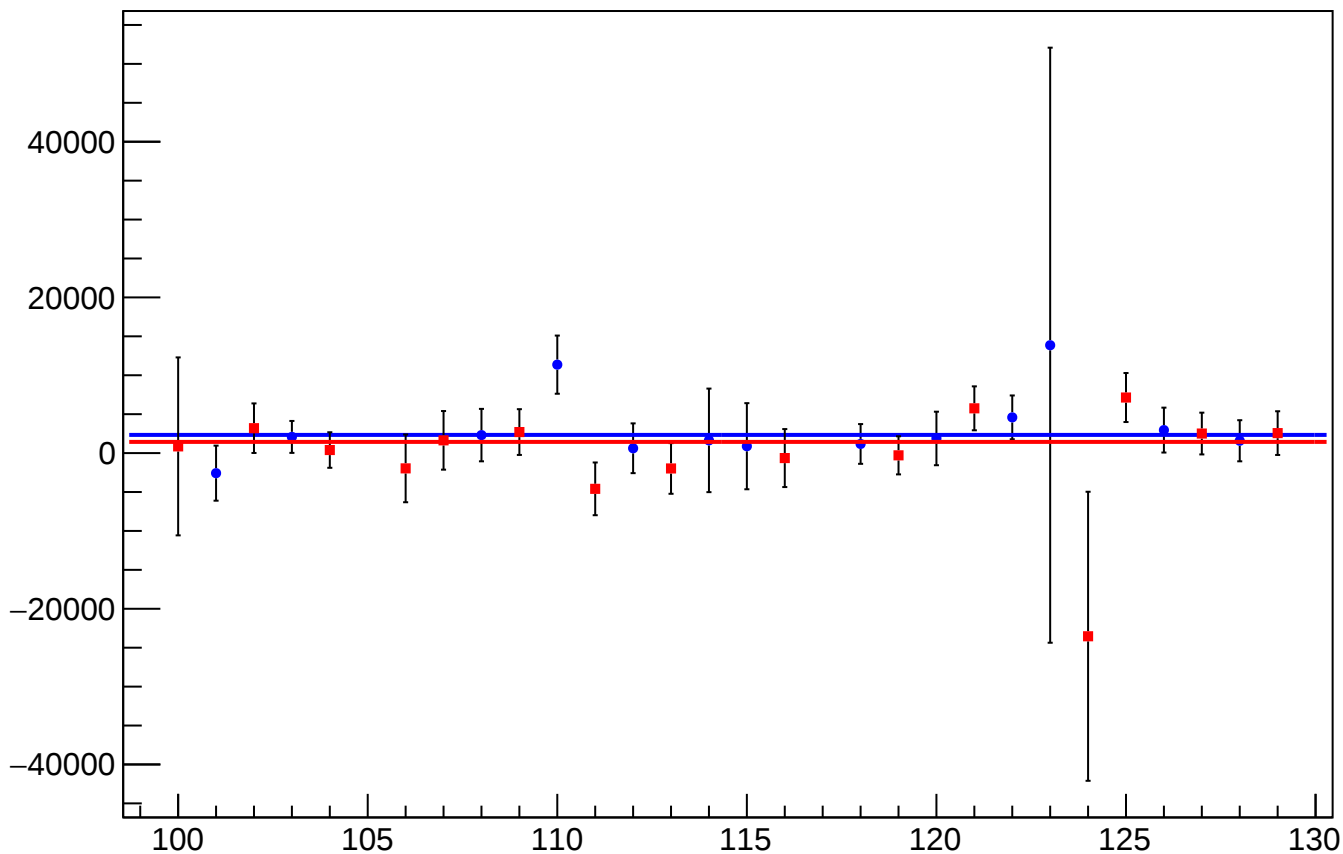
Right: 2356.041+/-0.538 χ^2/NDF : 763126.5/27

In: 2404.617+/-0.807 χ^2/NDF : 326664.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2356.041+/-0.538 χ^2/NDF : 763126.5/27

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2336.838 $\pm$ 891.193 χ^2 /NDF: 9.2/12

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

Right Out: 1438.395 $\pm$ 829.614 χ^2 /NDF: 14.1/14

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

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

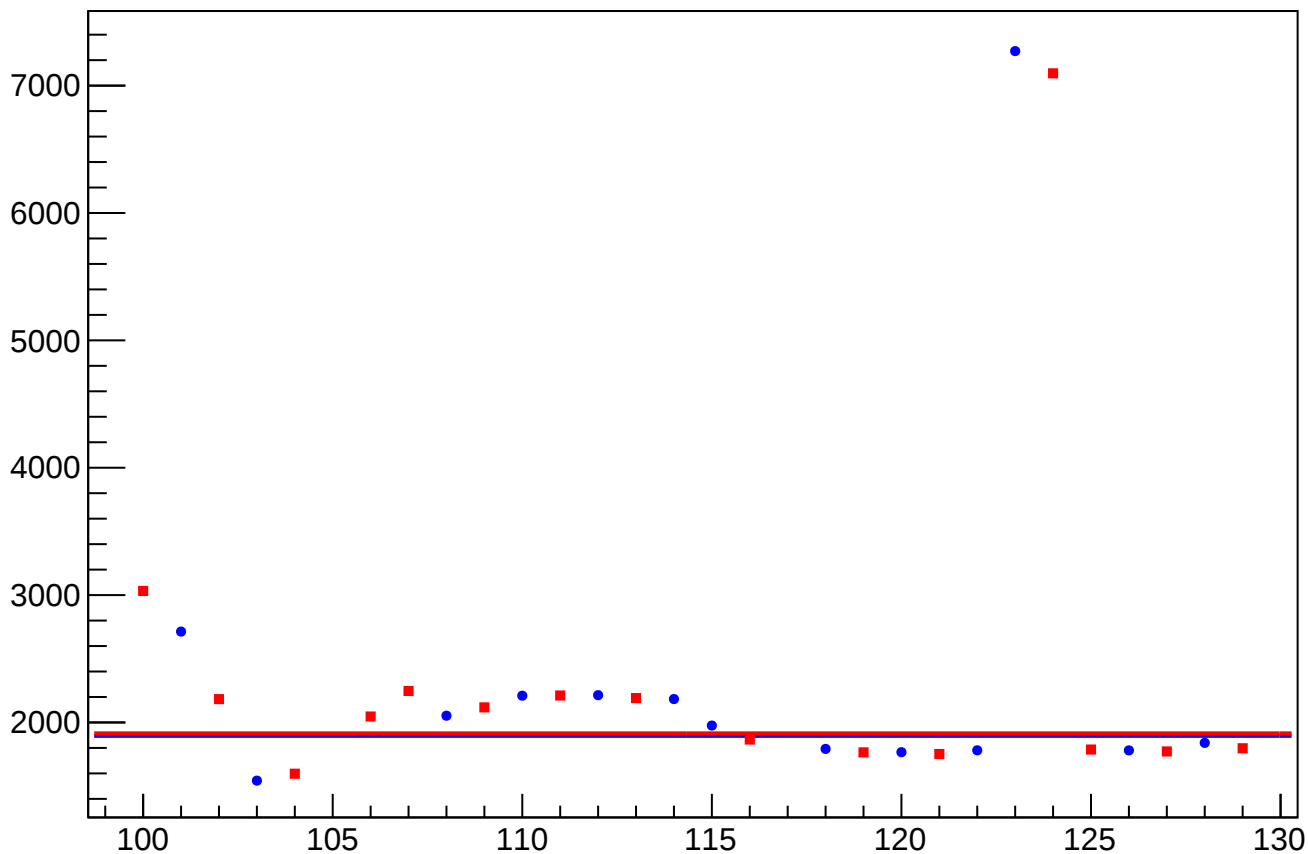
Right: 1855.507 $\pm$ 607.229 χ^2 /NDF: 23.9/27

In: 2336.838 $\pm$ 891.193 χ^2 /NDF:9.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1855.507 $\pm$ 607.229 χ^2 /NDF: 23.9/27

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1894.895+/-0.630 χ^2/NDF : 261548.0/12

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

Right Out: 1914.500+/-0.585 χ^2/NDF : 311682.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

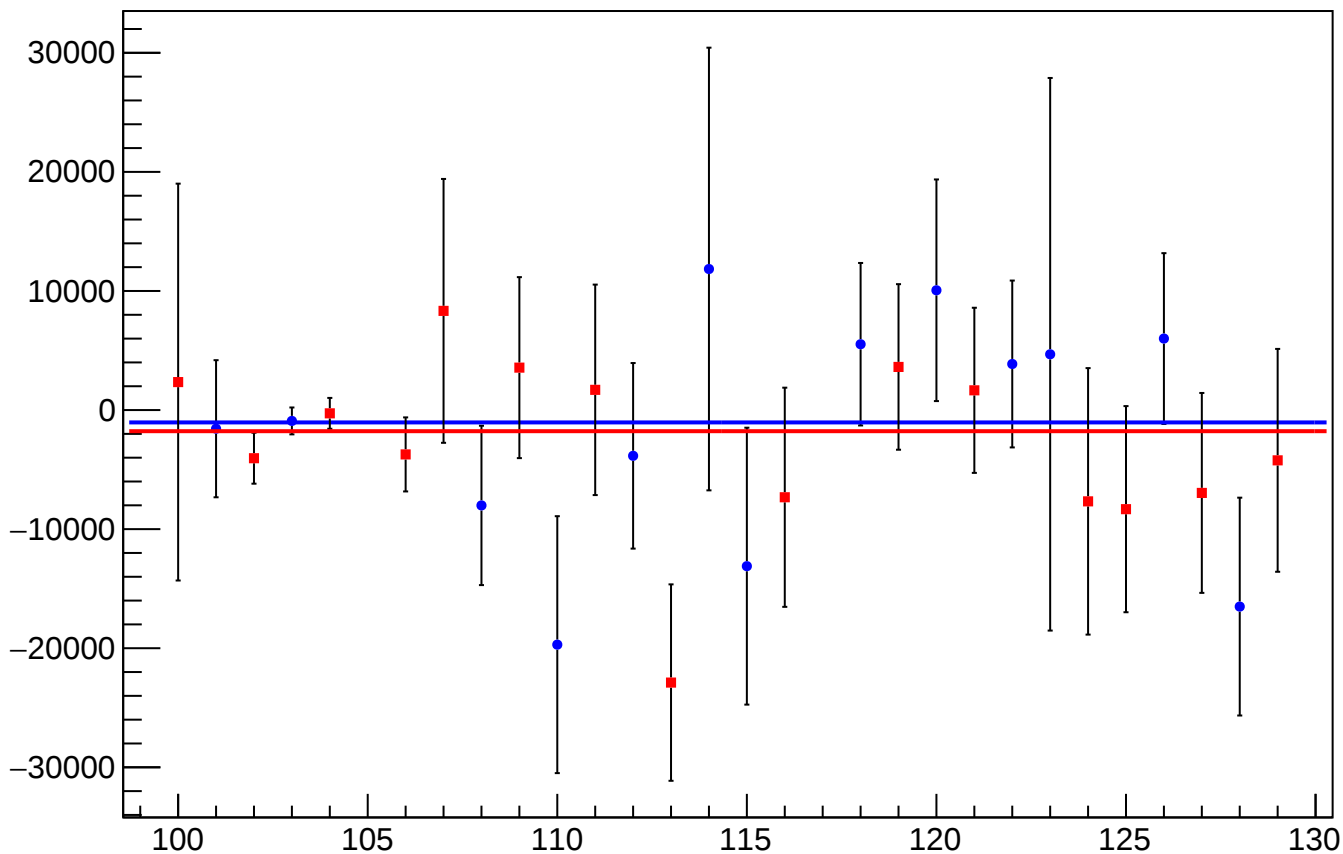
Right: 1905.417+/-0.429 χ^2/NDF : 573749.8/27

In: 1894.895+/-0.630 χ^2/NDF : 261548.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1905.417+/-0.429 χ^2/NDF : 573749.8/27

asym_atl1r2_avg_correction_mean vs Slug, Sign Corrected



Right In: -1038.037+/-1021.036 χ^2/NDF : 12.5/12

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

Right Out: -1774.481+/-964.570 χ^2/NDF : 13.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

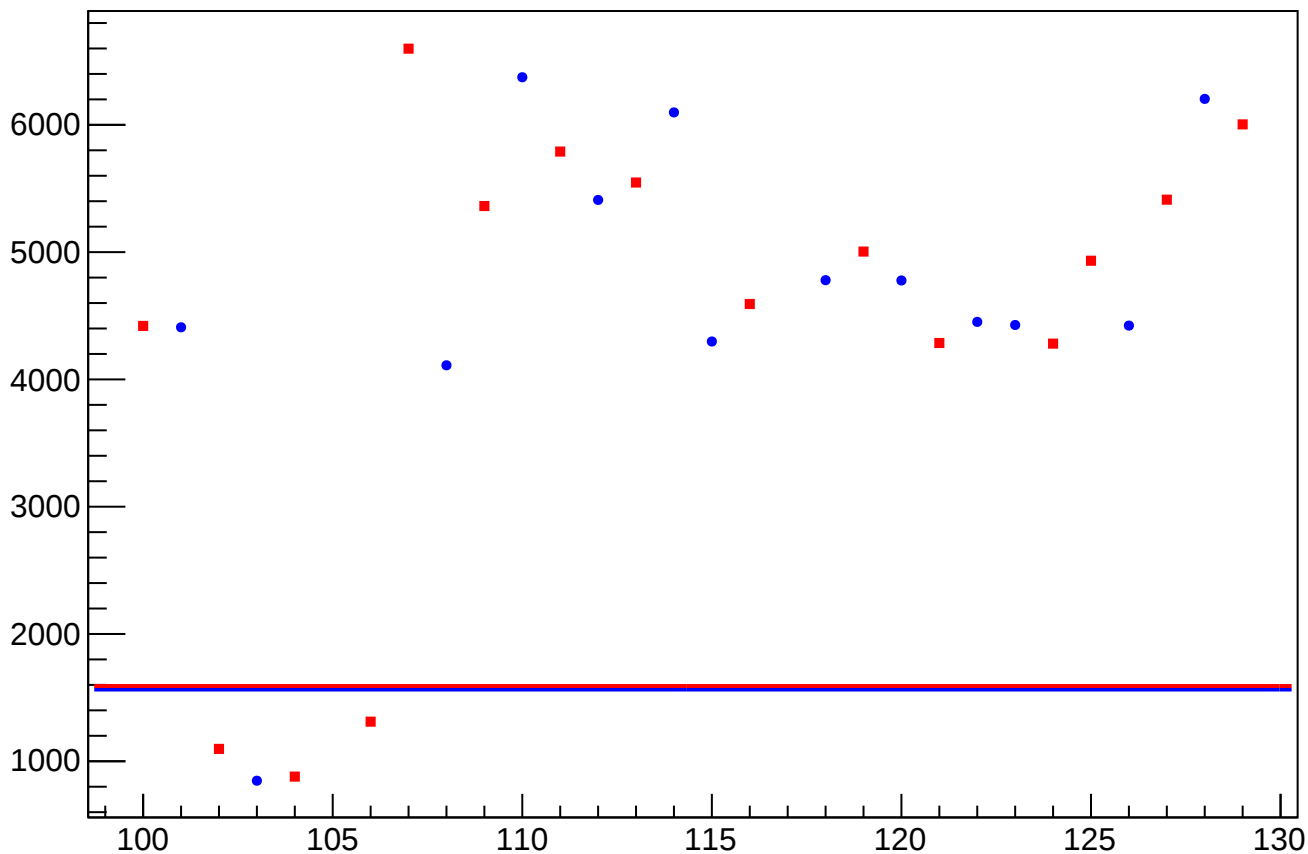
Right: -1427.185+/-701.166 χ^2/NDF : 26.2/27

In: -1038.037+/-1021.036 χ^2/NDF : 12.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1427.185+/-701.166 χ^2/NDF : 26.2/27

asym_atl1r2_avg_correction_rms vs Slug, Sign Corrected



Right In: 1563.765+/-0.722 χ^2/NDF : 4584586.9/12

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

Right Out: 1591.088+/-0.682 χ^2/NDF : 4866792.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

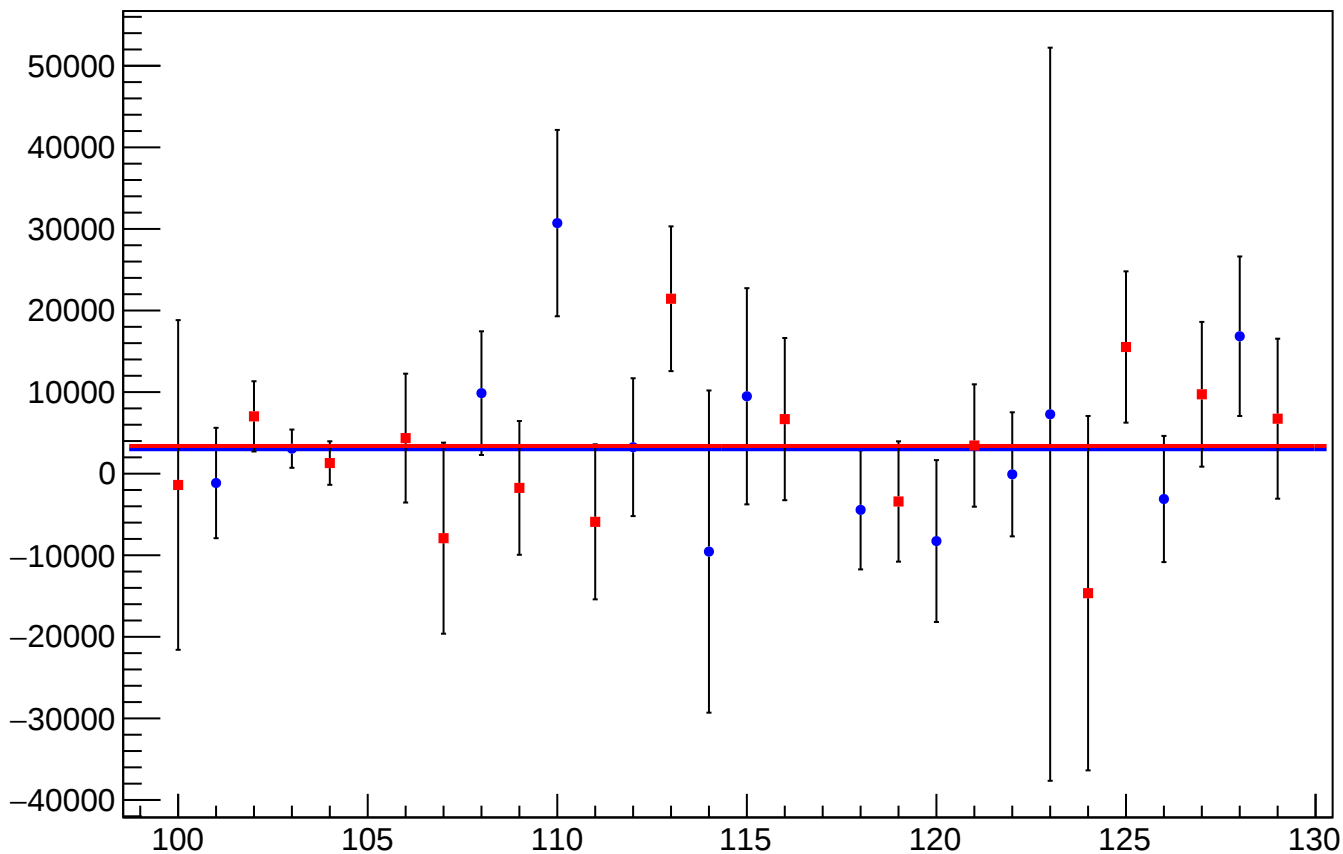
Right: 1578.203+/-0.496 χ^2/NDF : 9452135.9/27

In: 1563.765+/-0.722 χ^2/NDF : 4584586.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1578.203+/-0.496 χ^2/NDF : 9452135.9/27

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2996.547+/-1754.293 χ^2/NDF : 12.9/12

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

Right Out: 3395.699+/-1709.861 χ^2/NDF : 11.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

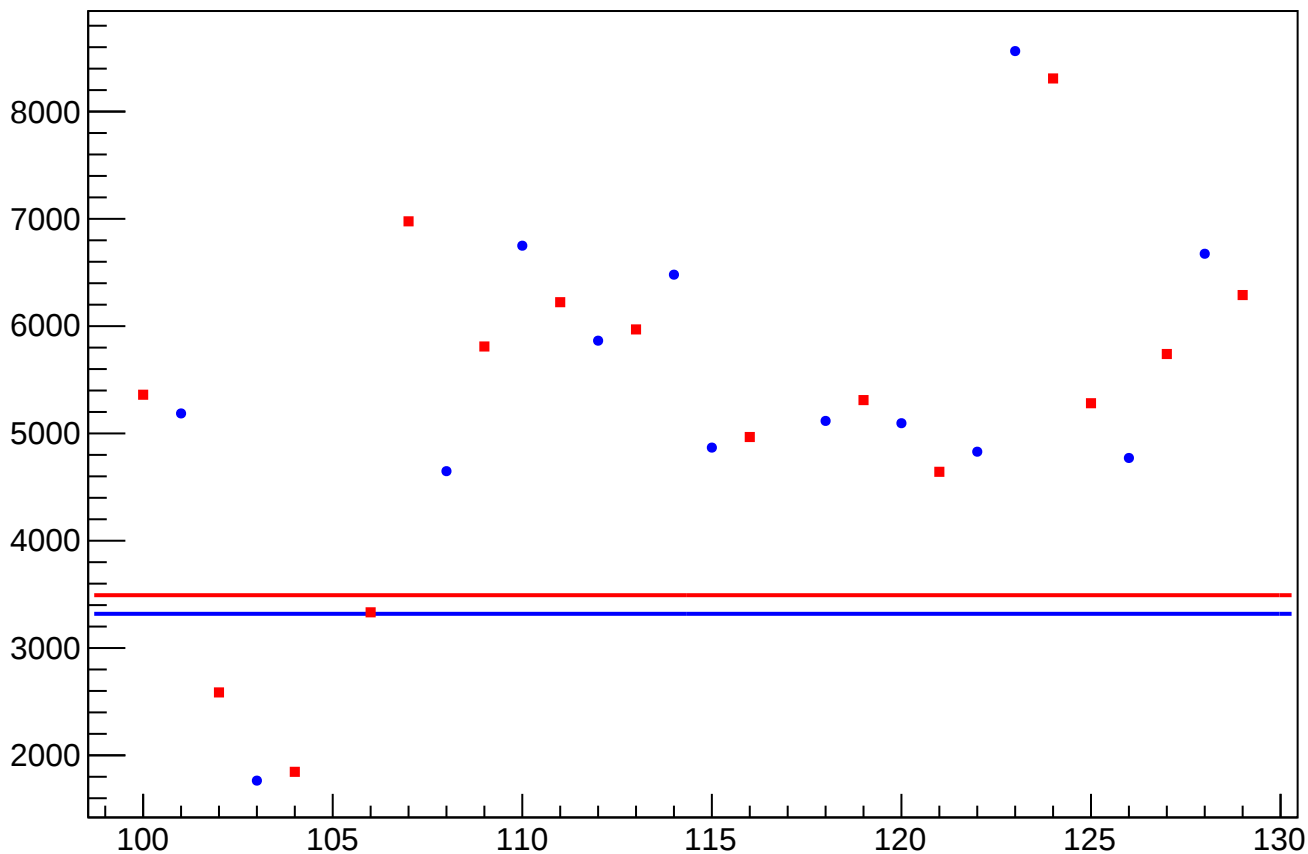
Right: 3201.242+/-1224.461 χ^2/NDF : 24.7/27

In: 2996.547+/-1754.293 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3201.242+/-1224.461 χ^2/NDF : 24.7/27

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 3318.773+/-1.240 χ^2/NDF : 2131439.4/12

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

Right Out: 3492.350+/-1.200 χ^2/NDF : 2202989.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

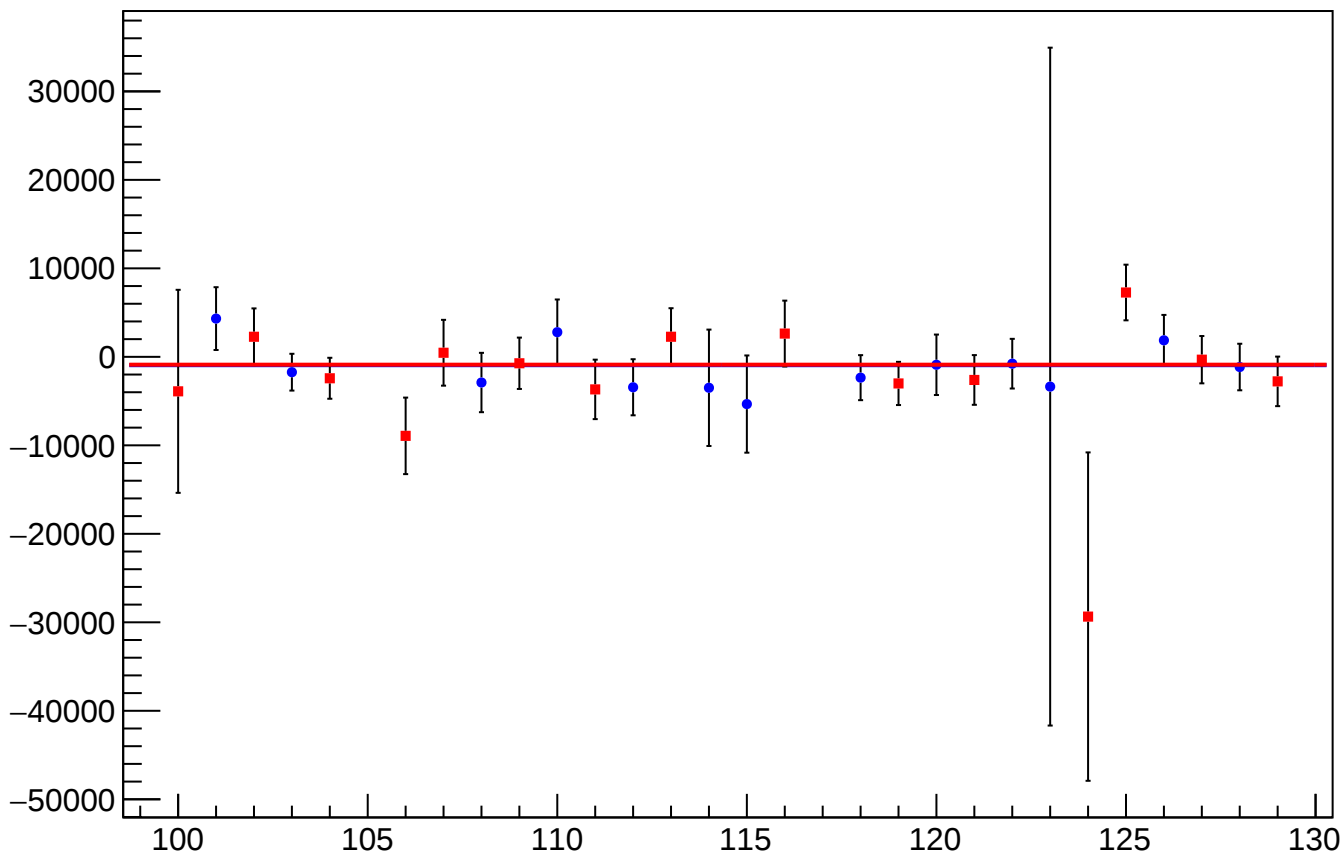
Right: 3408.442+/-0.862 χ^2/NDF : 4344543.9/27

In: 3318.773+/-1.240 χ^2/NDF : 2131439.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3408.442+/-0.862 χ^2/NDF : 4344543.9/27

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -943.554+/-889.898 χ^2/NDF : 6.4/12

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

Right Out: -886.374+/-827.814 χ^2/NDF : 18.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

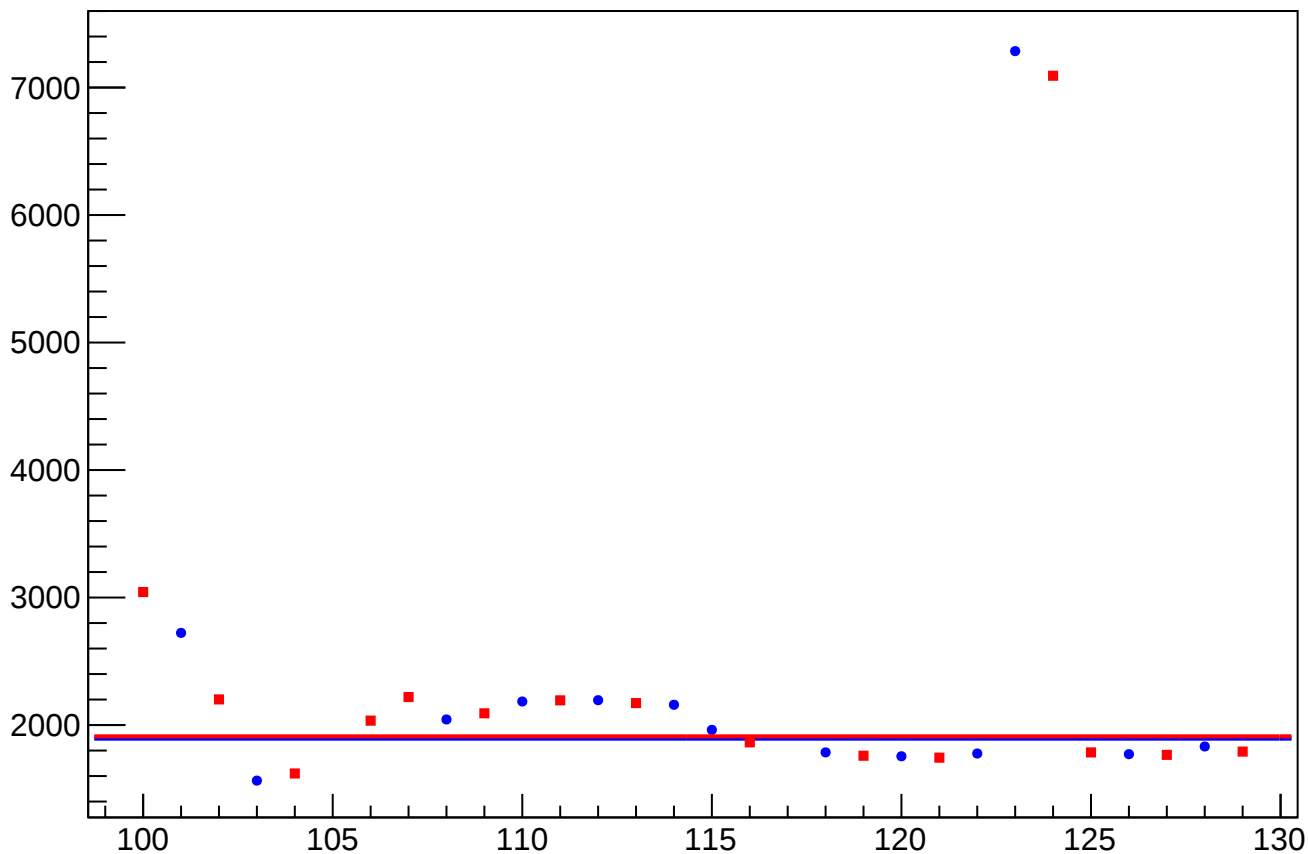
Right: -912.900+/-606.114 χ^2/NDF : 24.7/27

In: -943.554+/-889.898 χ^2/NDF : 6.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -912.900+/-606.114 χ^2/NDF : 24.7/27

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1893.065+/-0.629 χ^2/NDF : 252226.7/12

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

Right Out: 1911.585+/-0.584 χ^2/NDF : 301803.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

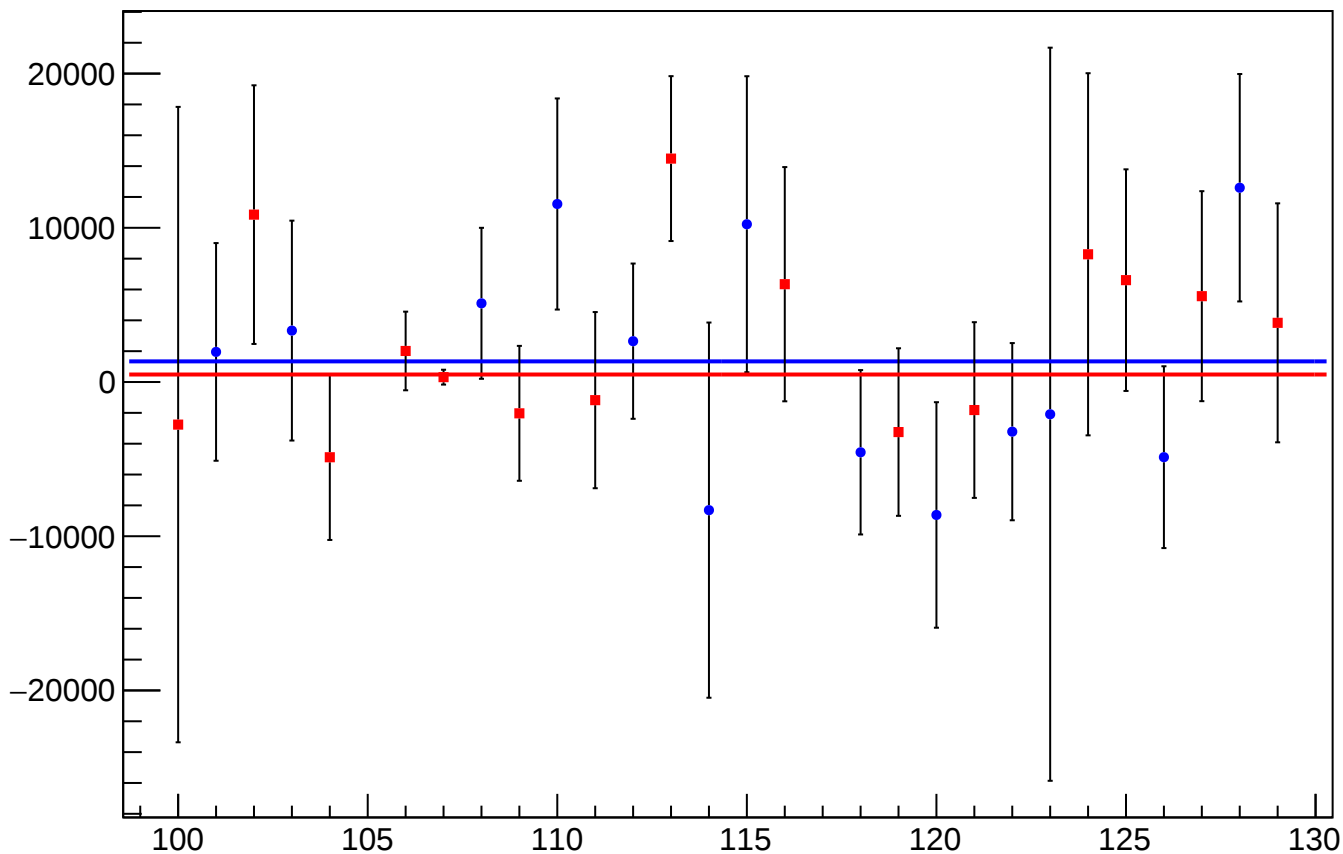
Right: 1903.012+/-0.428 χ^2/NDF : 554495.6/27

In: 1893.065+/-0.629 χ^2/NDF : 252226.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1903.012+/-0.428 χ^2/NDF : 554495.6/27

asym_atl1r2_dd_correction_mean vs Slug, Sign Corrected



Right In: 1338.273+/-1847.317 χ^2/NDF : 11.6/12

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

Right Out: 486.917+/-457.484 χ^2/NDF : 13.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

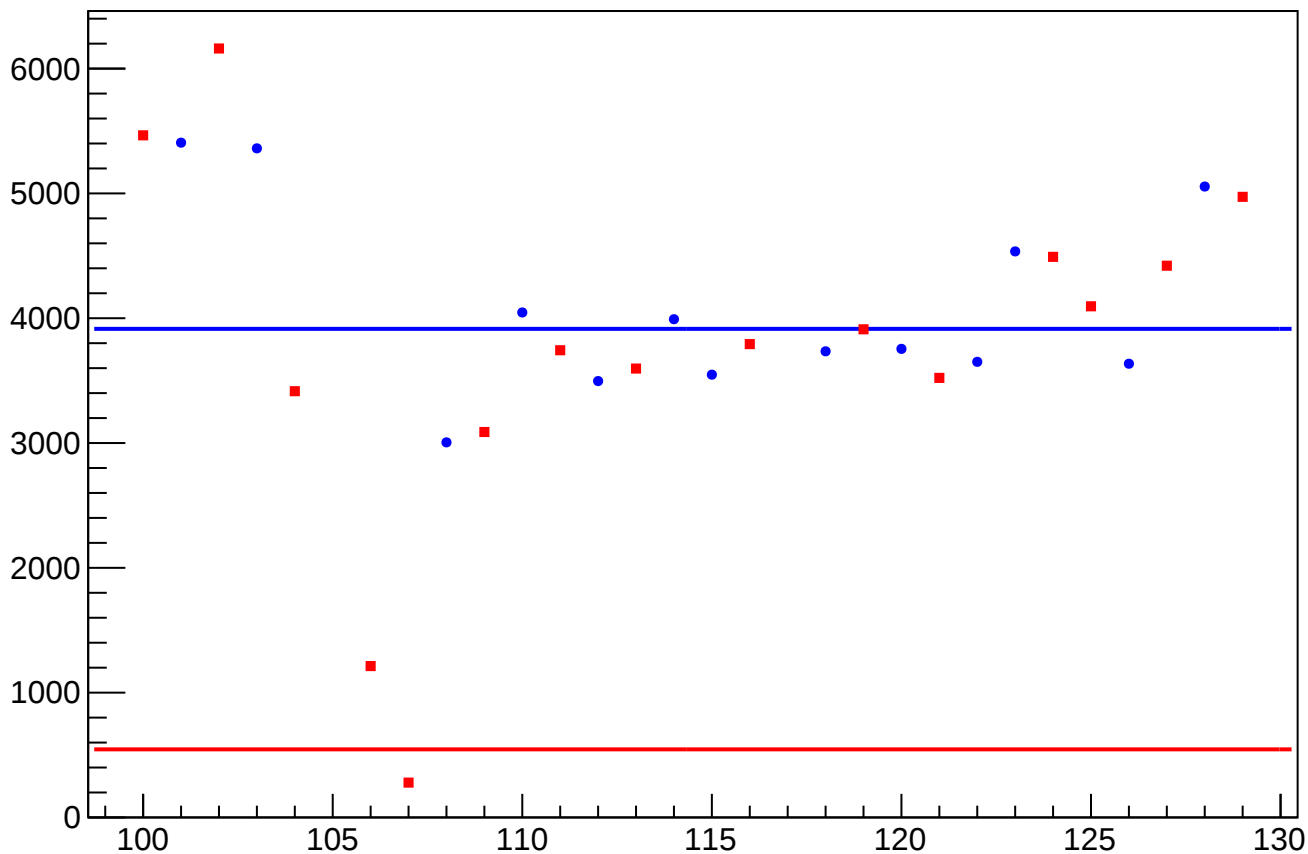
Right: 536.113+/-444.069 χ^2/NDF : 25.3/27

In: 1338.273+/-1847.317 χ^2/NDF : 11.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 536.113+/-444.069 χ^2/NDF : 25.3/27

asym_atl1r2_dd_correction_rms vs Slug, Sign Corrected



Right In: 3914.755+/-1.306 χ^2/NDF : 319399.8/12

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

Right Out: 545.674+/-0.323 χ^2/NDF : 7979964.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

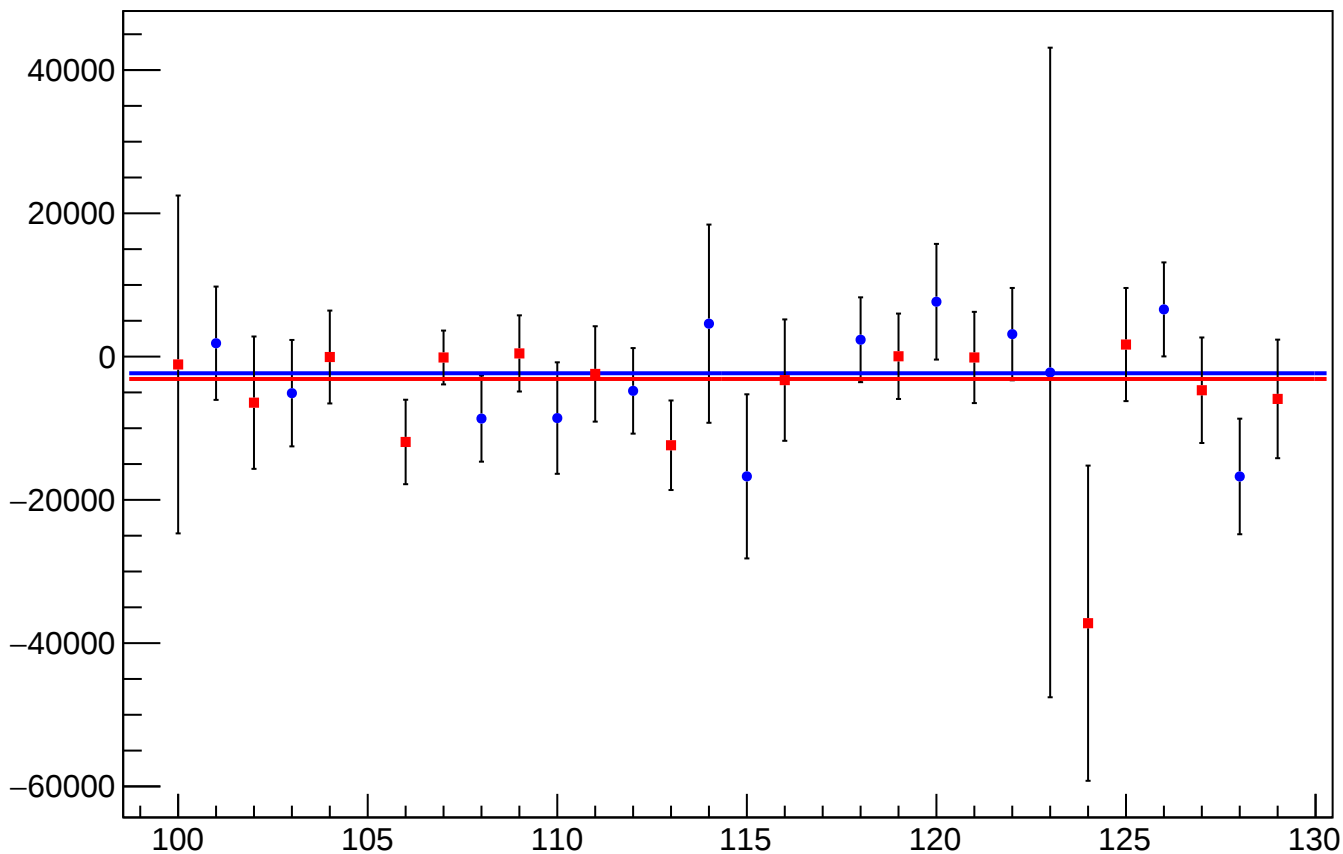
Right: 740.358+/-0.314 χ^2/NDF : 14567231.9/27

In: 3914.755+/-1.306 χ^2/NDF : 319399.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 740.358+/-0.314 χ^2/NDF : 14567231.9/27

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -2326.426 $\pm$ 2102.759 χ^2 /NDF: 12.1/12

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

Right Out: -3122.362 $\pm$ 1719.231 χ^2 /NDF: 9.3/14

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

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

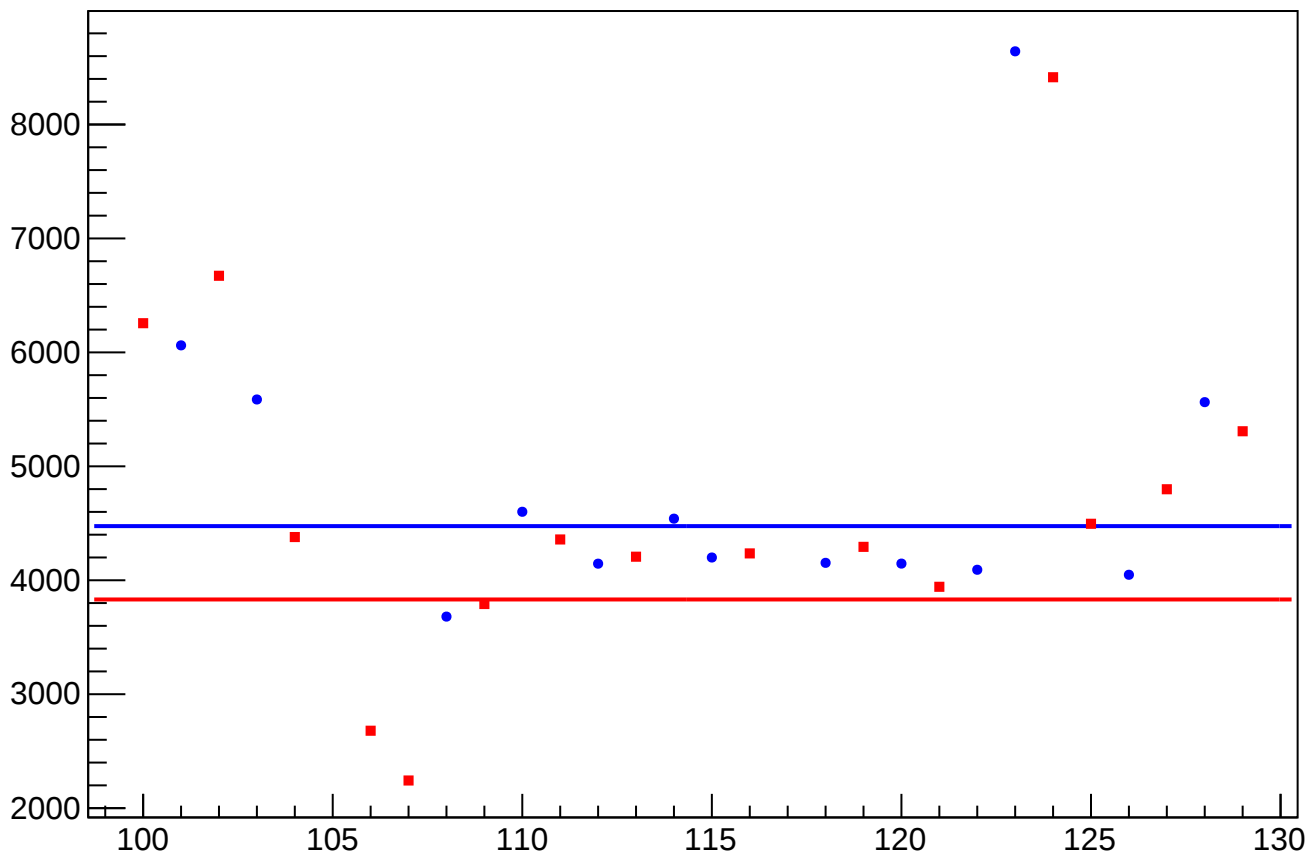
Right: -2803.468 $\pm$ 1330.986 χ^2 /NDF: 21.5/27

In: -2326.426 $\pm$ 2102.759 χ^2 /NDF: 12.1/12

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

All: -2803.468 $\pm$ 1330.986 χ^2 /NDF: 21.5/27

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 4475.268+/-1.487 χ^2/NDF : 246000.3/12

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

Right Out: 3831.455+/-1.206 χ^2/NDF : 908431.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

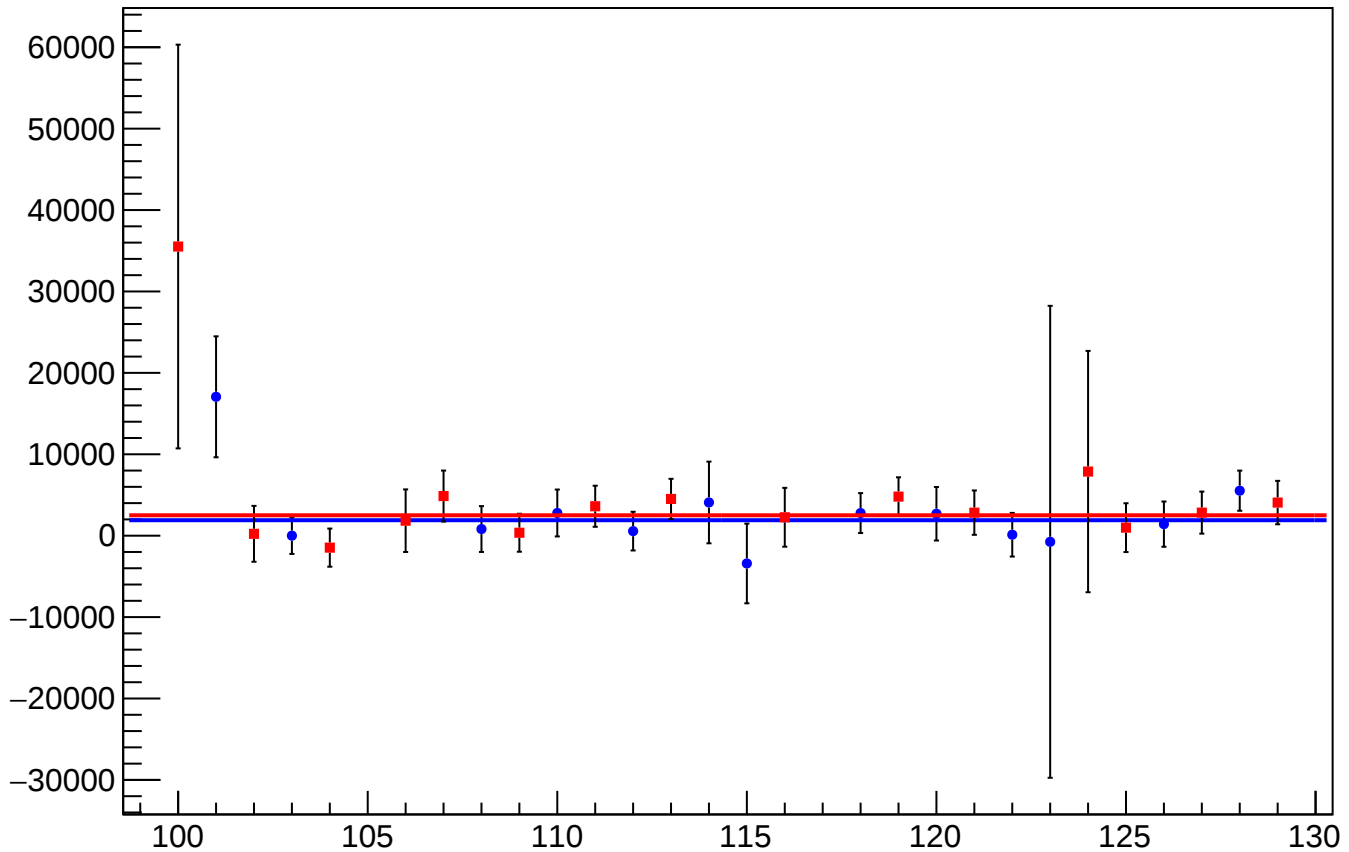
Right: 4087.045+/-0.937 χ^2/NDF : 1267487.6/27

In: 4475.268+/-1.487 χ^2/NDF : 246000.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4087.045+/-0.937 χ^2/NDF : 1267487.6/27

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1899.563+/-840.668 χ^2/NDF : 9.6/12

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

Right Out: 2505.463+/-758.414 χ^2/NDF : 9.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

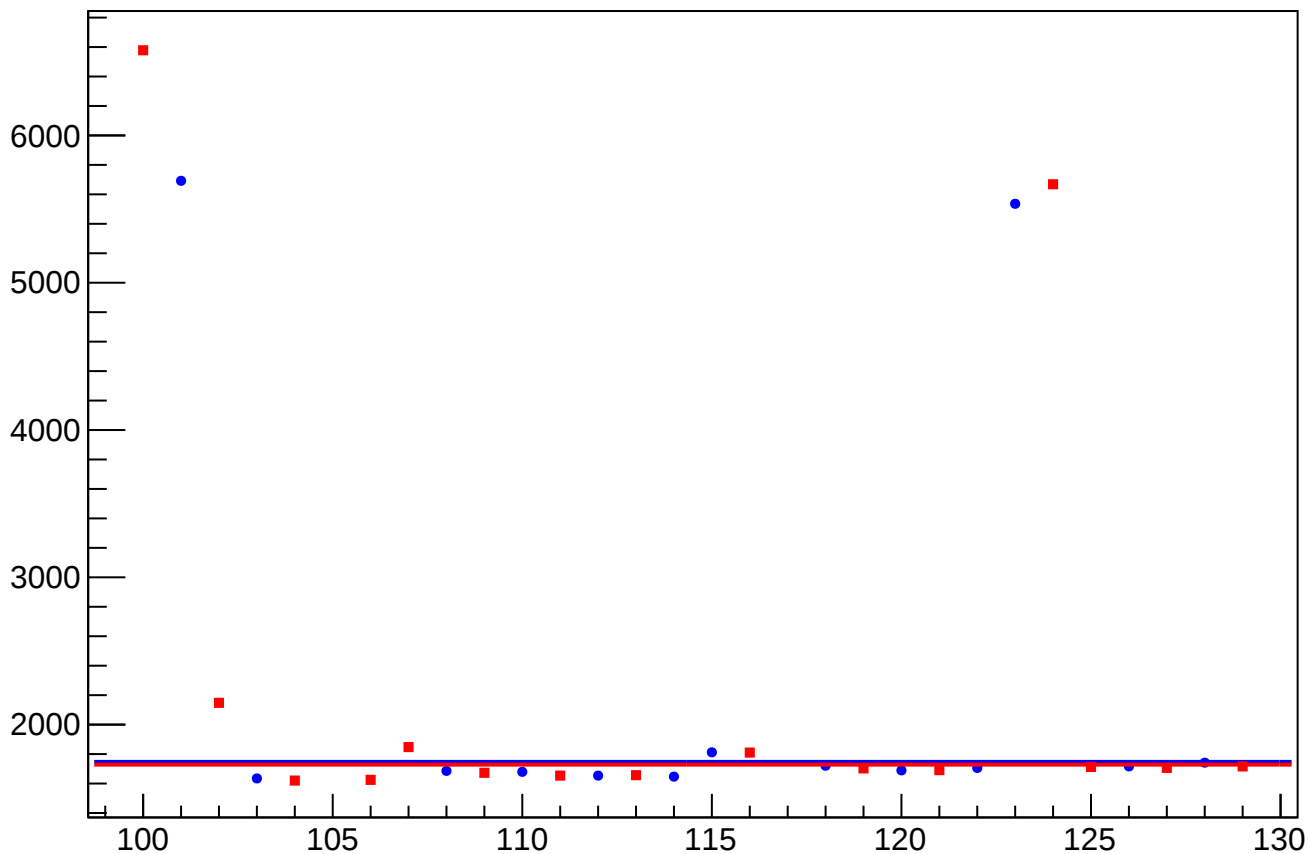
Right: 2233.597+/-563.121 χ^2/NDF : 19.0/27

In: 1899.563+/-840.668 χ^2/NDF : 9.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2233.597+/-563.121 χ^2/NDF : 19.0/27

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1746.896+/-0.594 χ^2/NDF : 611142.3/12

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

Right Out: 1728.359+/-0.532 χ^2/NDF : 263398.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

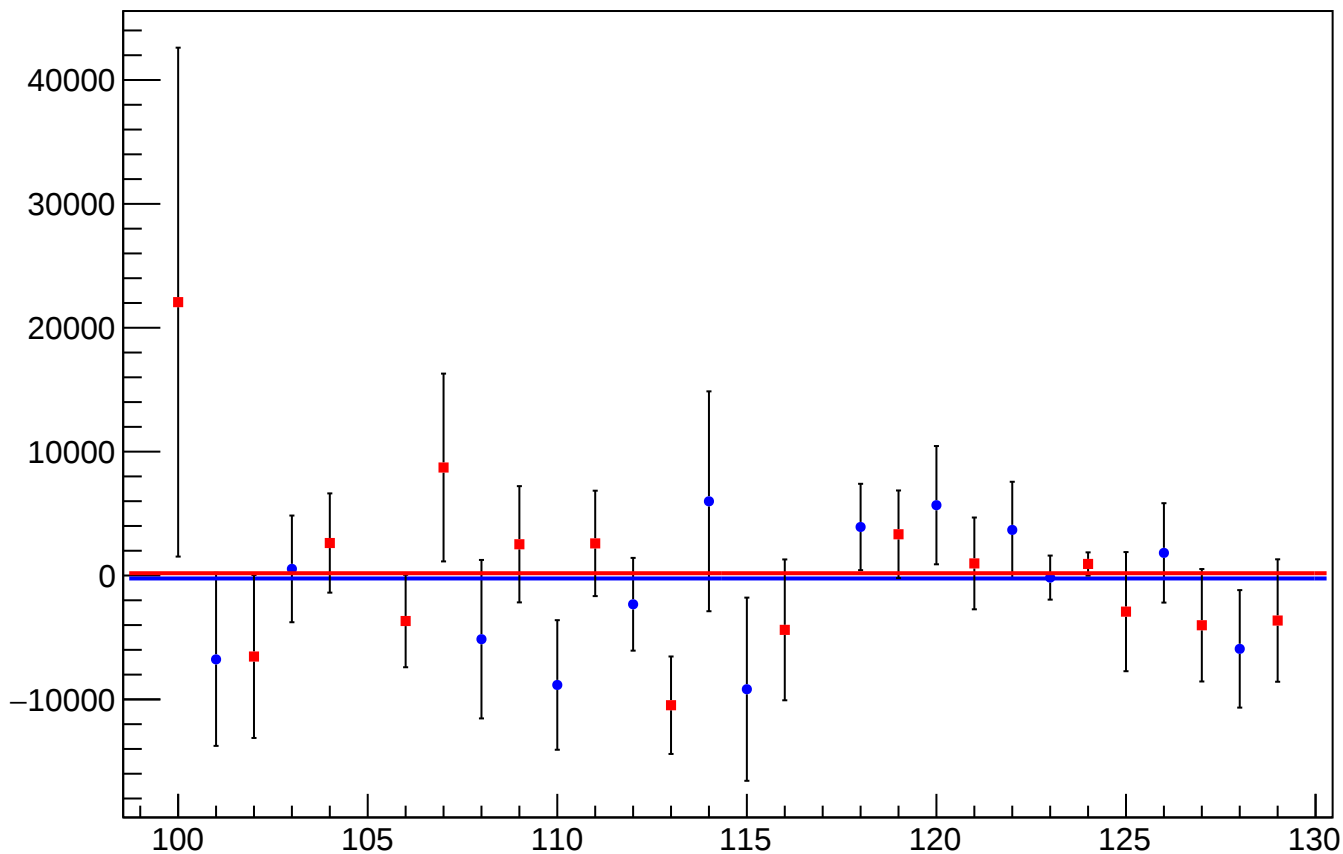
Right: 1736.600+/-0.396 χ^2/NDF : 875081.3/27

In: 1746.896+/-0.594 χ^2/NDF : 611142.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1736.600+/-0.396 χ^2/NDF : 875081.3/27

asym_atr1l2_avg_correction_mean vs Slug, Sign Corrected



Right In: -238.635 $\pm$ 1082.780 χ^2 /NDF: 12.1/12

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

Right Out: 185.283 $\pm$ 744.874 χ^2 /NDF: 16.8/14

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

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

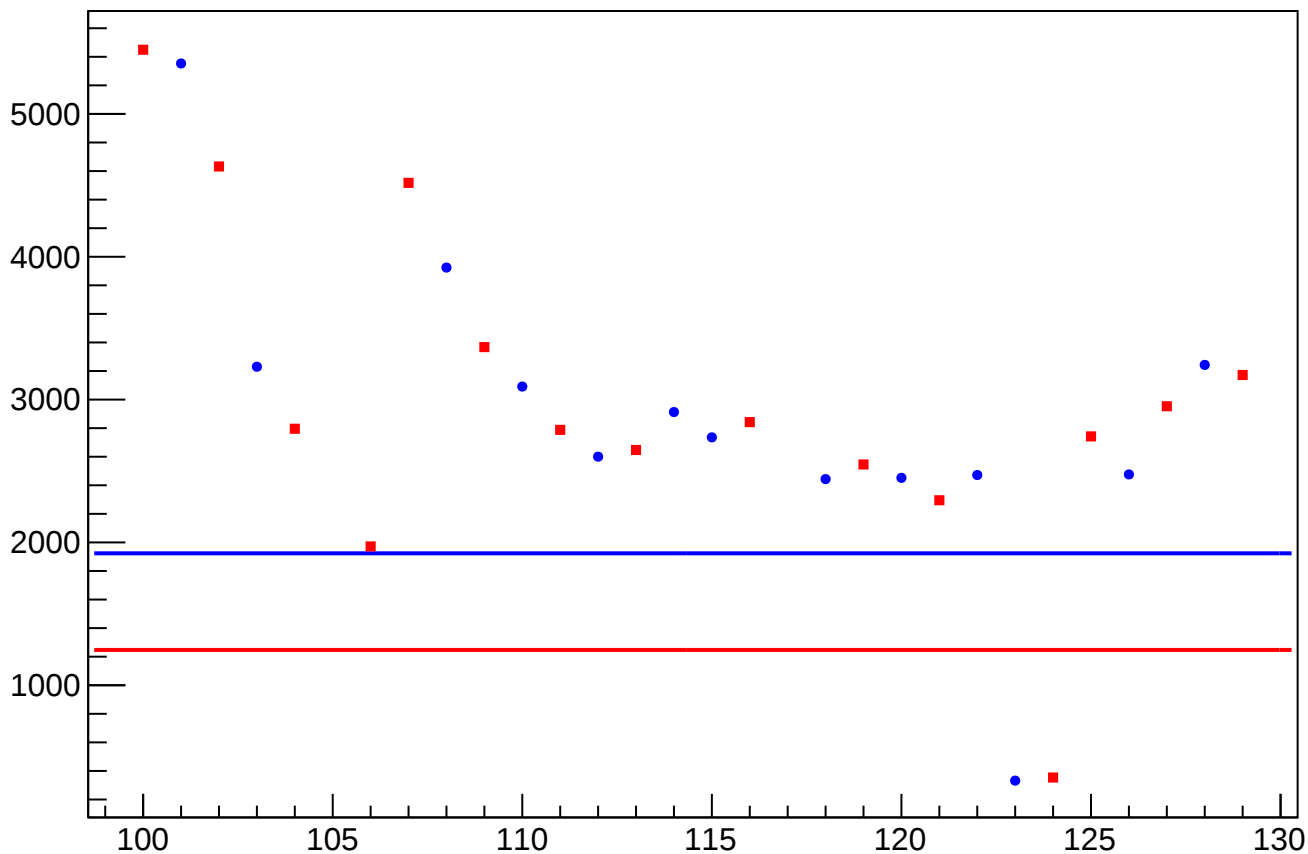
Right: 49.110 $\pm$ 613.685 χ^2 /NDF: 29.0/27

In: -238.635 $\pm$ 1082.780 χ^2 /NDF:12.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 49.110 $\pm$ 613.685 χ^2 /NDF: 29.0/27

asym_atr1l2_avg_correction_rms vs Slug, Sign Corrected



Right In: 1923.727+/-0.766 χ^2/NDF : 2979050.3/12

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

Right Out: 1247.190+/-0.527 χ^2/NDF : 5476539.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

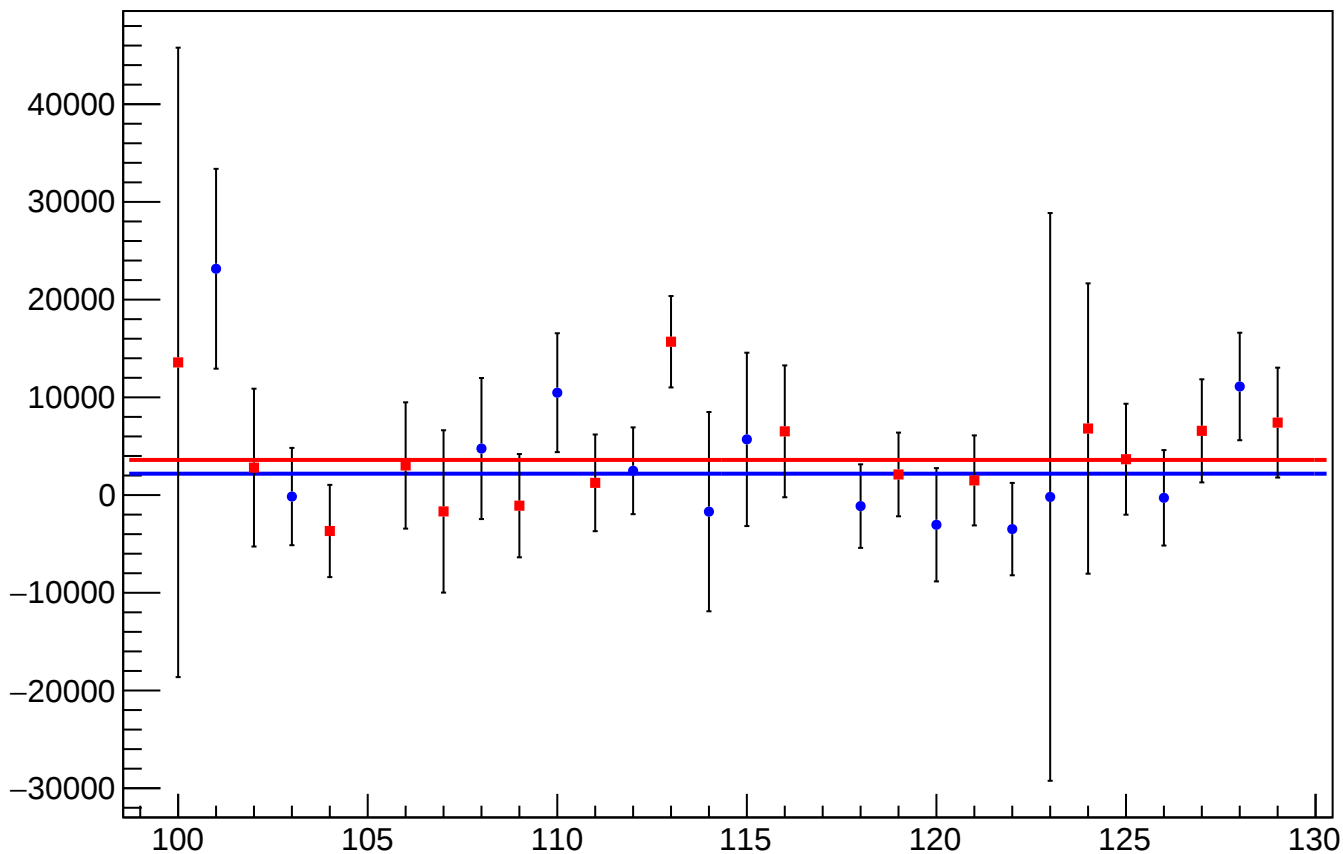
Right: 1464.511+/-0.434 χ^2/NDF : 8985567.2/27

In: 1923.727+/-0.766 χ^2/NDF : 2979050.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1464.511+/-0.434 χ^2/NDF : 8985567.2/27

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 2186.998+/-1633.977 χ^2/NDF : 12.5/12

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

Right Out: 3595.544+/-1492.727 χ^2/NDF : 11.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

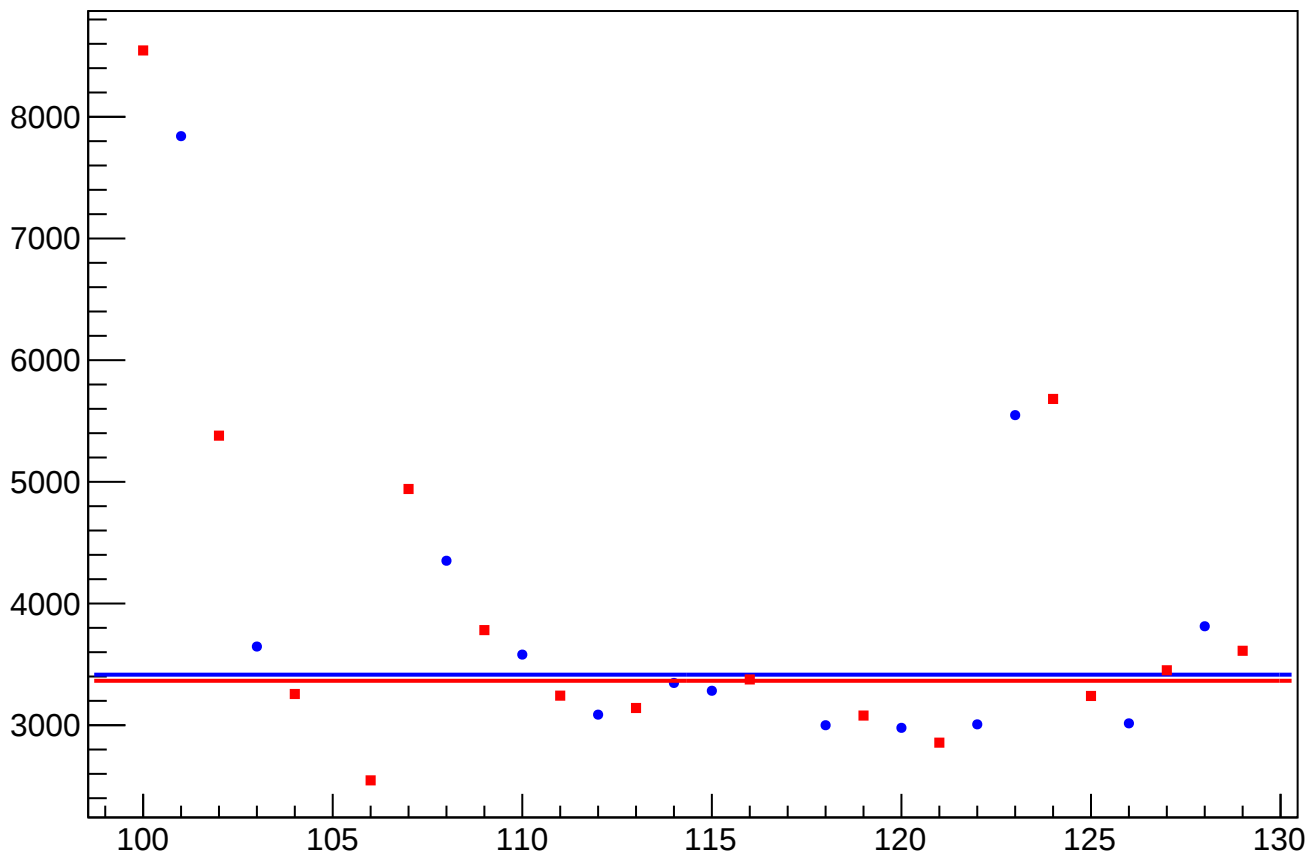
Right: 2954.773+/-1102.077 χ^2/NDF : 24.8/27

In: 2186.998+/-1633.977 χ^2/NDF : 12.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2954.773+/-1102.077 χ^2/NDF : 24.8/27

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 3415.194+/-1.155 χ^2/NDF : 505447.0/12

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

Right Out: 3364.911+/-1.038 χ^2/NDF : 406886.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

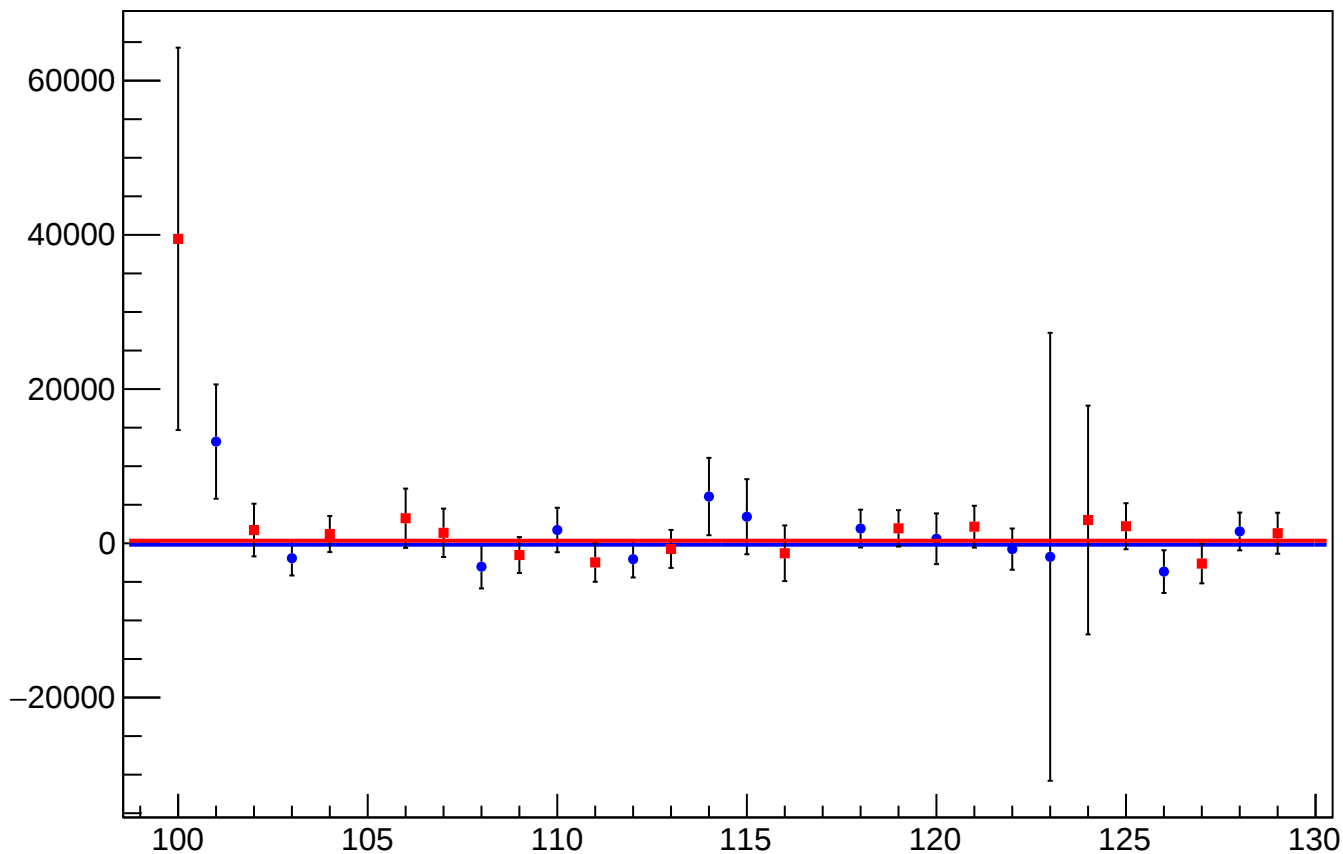
Right: 3387.379+/-0.772 χ^2/NDF : 913381.4/27

In: 3415.194+/-1.155 χ^2/NDF : 505447.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3387.379+/-0.772 χ^2/NDF : 913381.4/27

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -177.197+/-838.799 χ^2/NDF : 11.0/12

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

Right Out: 338.821+/-756.070 χ^2/NDF : 8.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

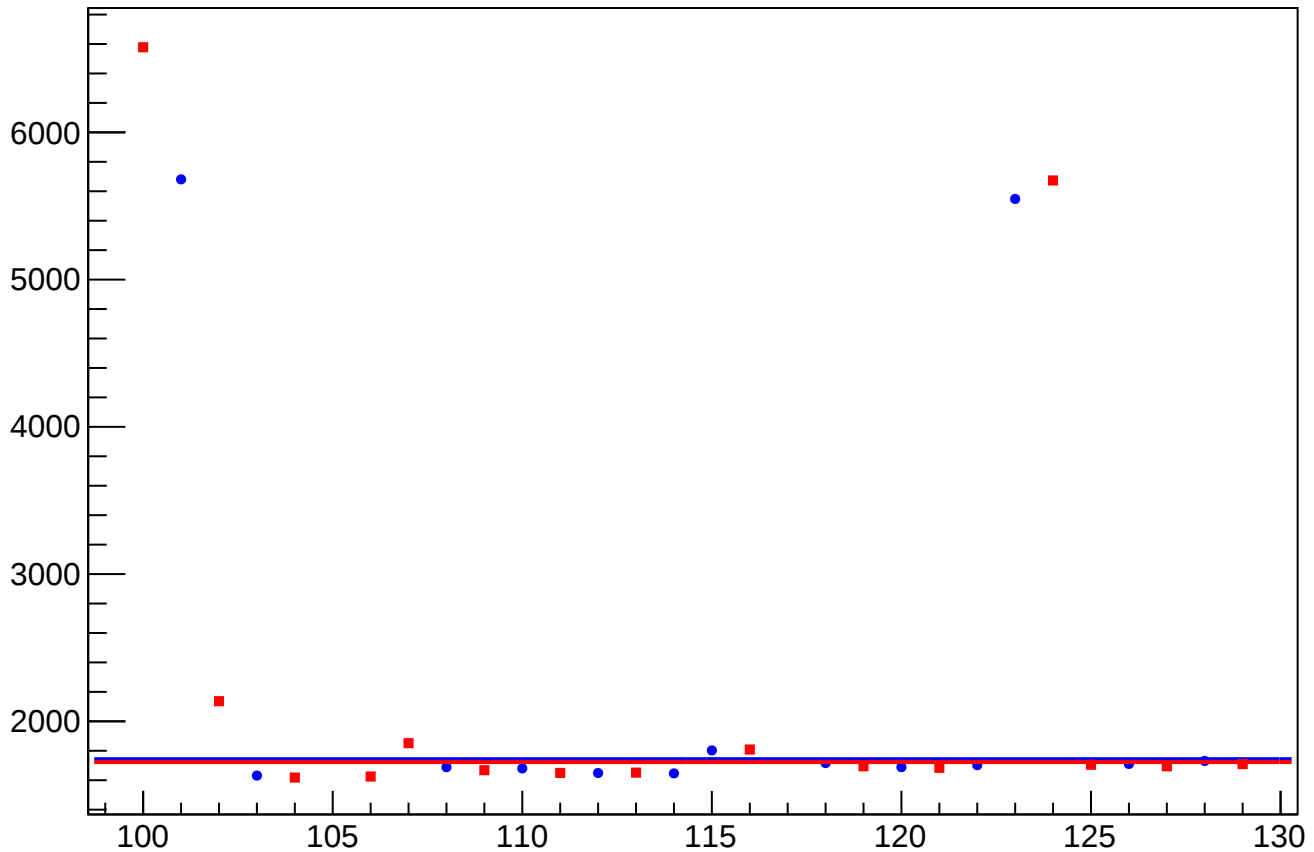
Right: 107.507+/-561.599 χ^2/NDF : 19.8/27

In: -177.197+/-838.799 χ^2/NDF : 11.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.507+/-561.599 χ^2/NDF : 19.8/27

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1742.965+/-0.593 χ^2/NDF : 610987.7/12

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

Right Out: 1723.087+/-0.530 χ^2/NDF : 263776.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

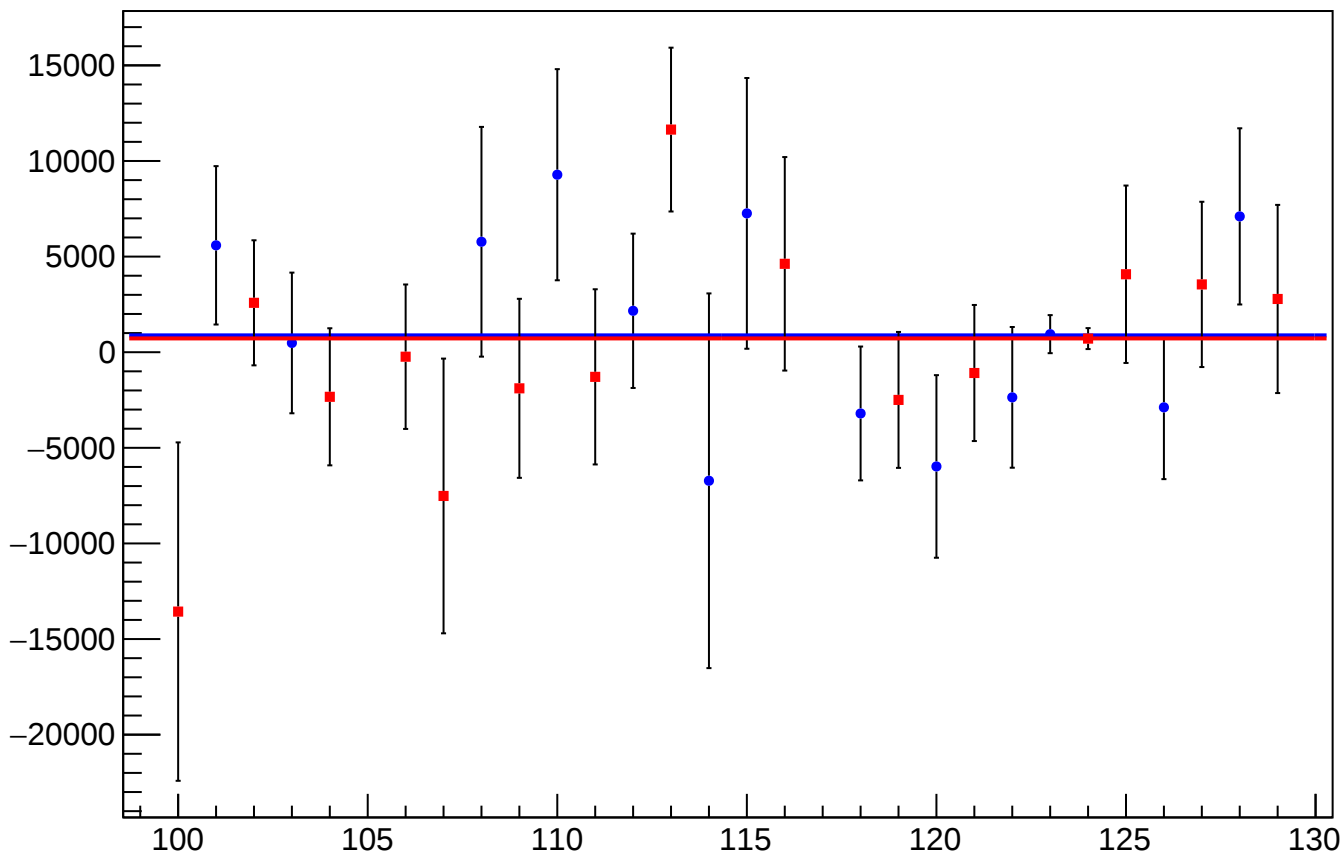
Right: 1731.915+/-0.395 χ^2/NDF : 875388.9/27

In: 1742.965+/-0.593 χ^2/NDF : 610987.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1731.915+/-0.395 χ^2/NDF : 875388.9/27

asym_atr1l2_dd_correction_mean vs Slug, Sign Corrected



Right In: 880.937 $\pm$ 787.758 χ^2 /NDF: 12.8/12

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

Right Out: 720.540 $\pm$ 495.002 χ^2 /NDF: 14.7/14

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

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

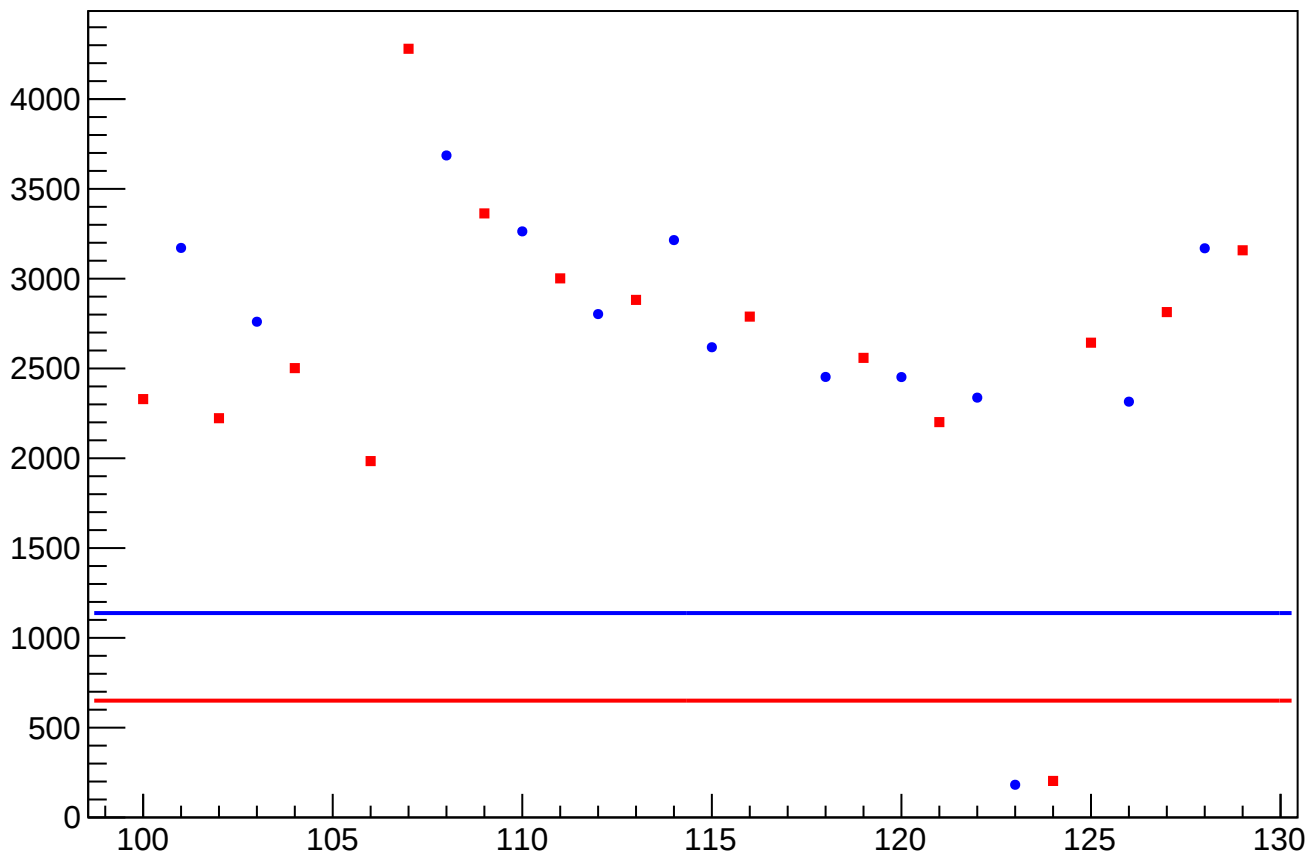
Right: 765.945 $\pm$ 419.125 χ^2 /NDF: 27.6/27

In: 880.937 $\pm$ 787.758 χ^2 /NDF:12.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 765.945 $\pm$ 419.125 χ^2 /NDF: 27.6/27

asym_atr1l2_dd_correction_rms vs Slug, Sign Corrected



Right In: 1138.075+/-0.557 χ^2/NDF : 5122043.7/12

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

Right Out: 650.448+/-0.350 χ^2/NDF : 7540573.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

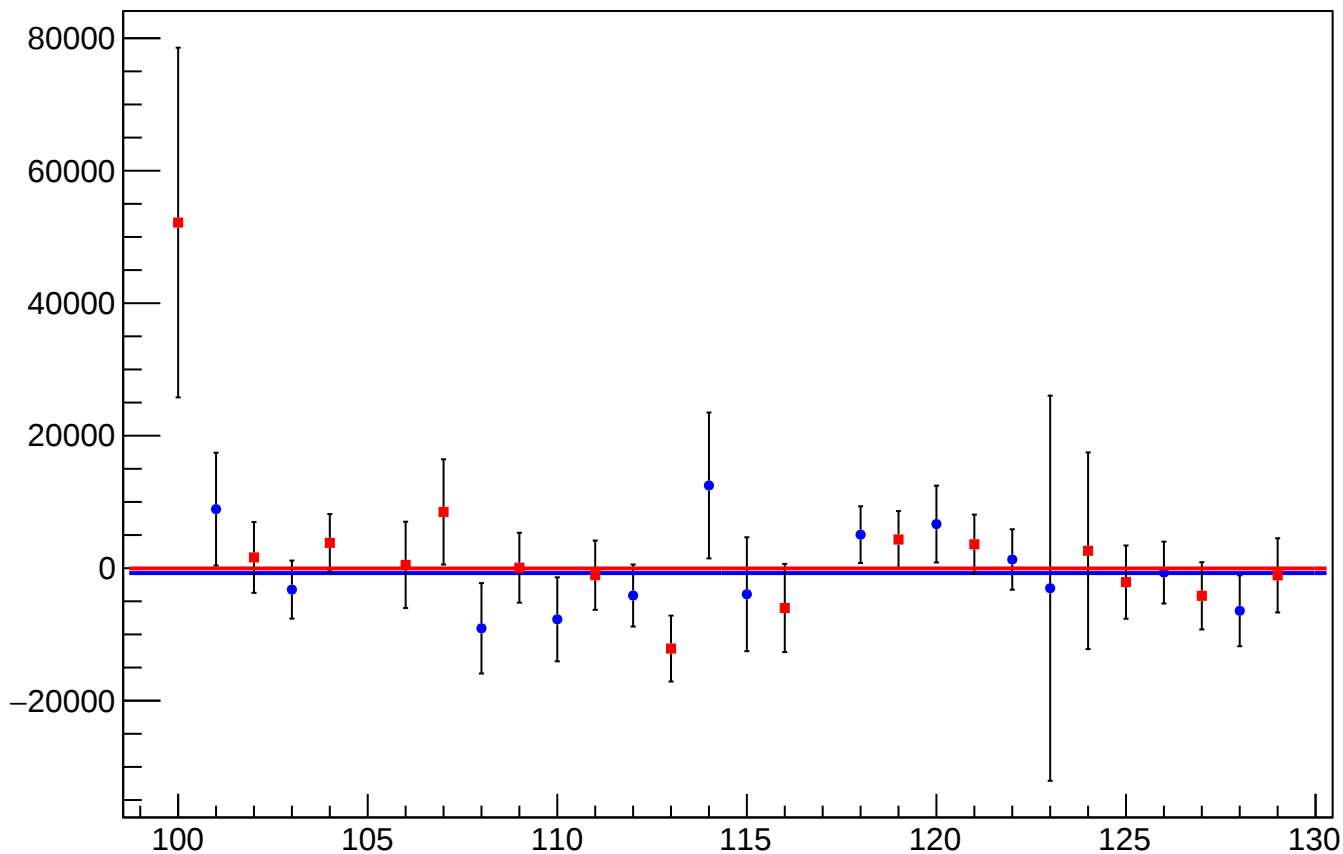
Right: 788.483+/-0.296 χ^2/NDF : 13212023.0/27

In: 1138.075+/-0.557 χ^2/NDF : 5122043.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 788.483+/-0.296 χ^2/NDF : 13212023.0/27

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -742.059+/-1593.679 χ^2/NDF : 11.2/12

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

Right Out: -41.910+/-1448.789 χ^2/NDF : 15.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

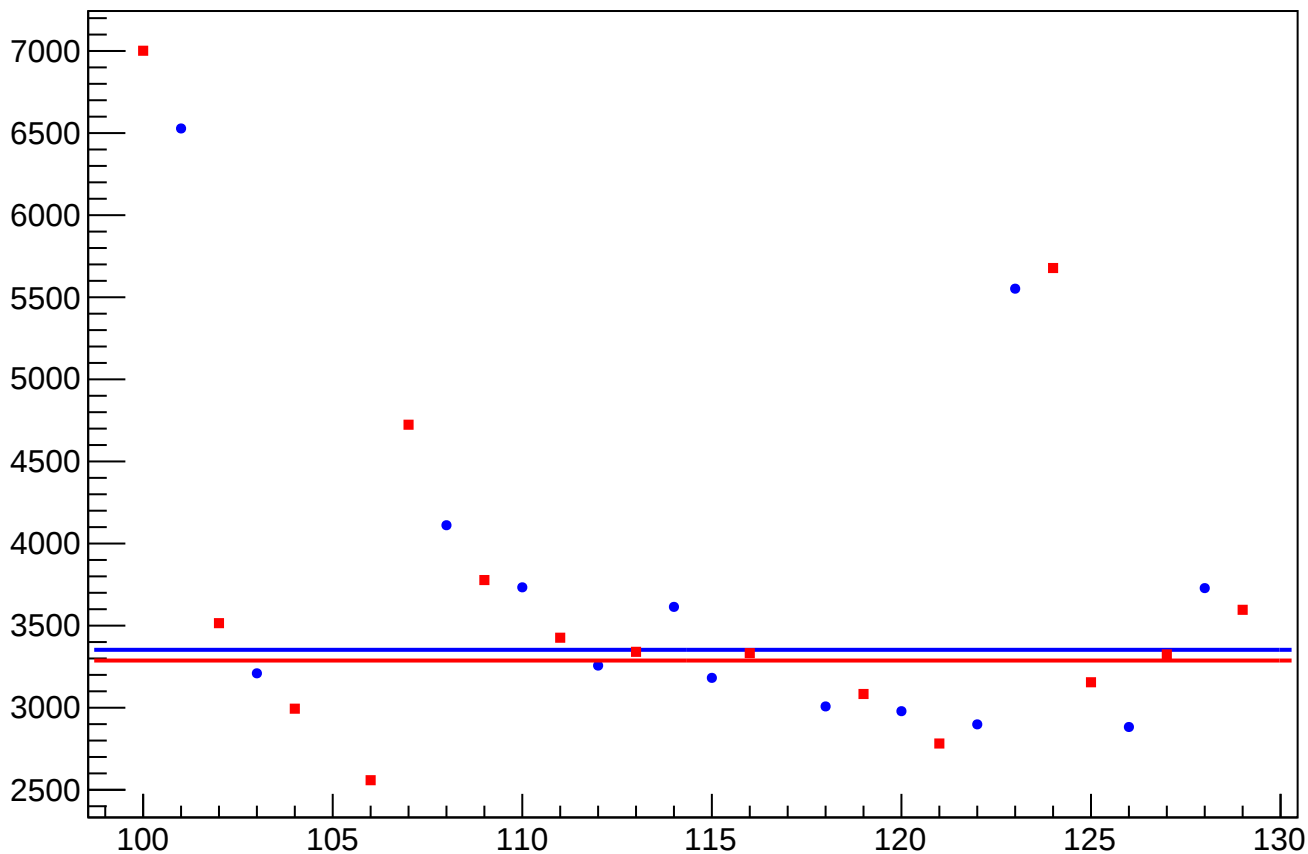
Right: -358.717+/-1072.020 χ^2/NDF : 26.6/27

In: -742.059+/-1593.679 χ^2/NDF : 11.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -358.717+/-1072.020 χ^2/NDF : 26.6/27

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3352.685+/-1.127 χ^2/NDF : 397535.1/12

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

Right Out: 3287.404+/-1.009 χ^2/NDF : 266672.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

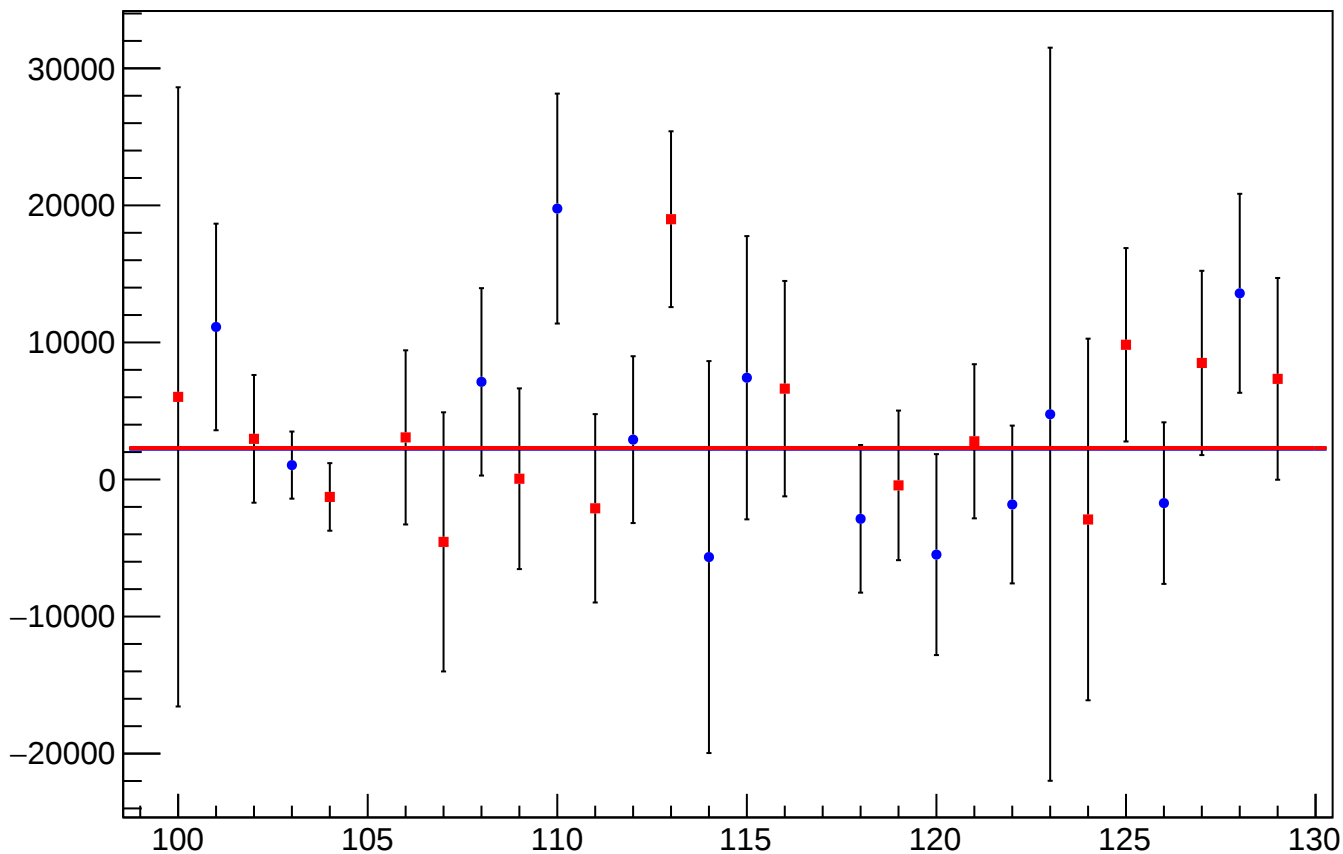
Right: 3316.444+/-0.752 χ^2/NDF : 666070.3/27

In: 3352.685+/-1.127 χ^2/NDF :397535.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3316.444+/-0.752 χ^2/NDF : 666070.3/27

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2244.576+/-1593.892 χ^2/NDF : 12.5/12

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

Right Out: 2297.848+/-1466.814 χ^2/NDF : 13.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

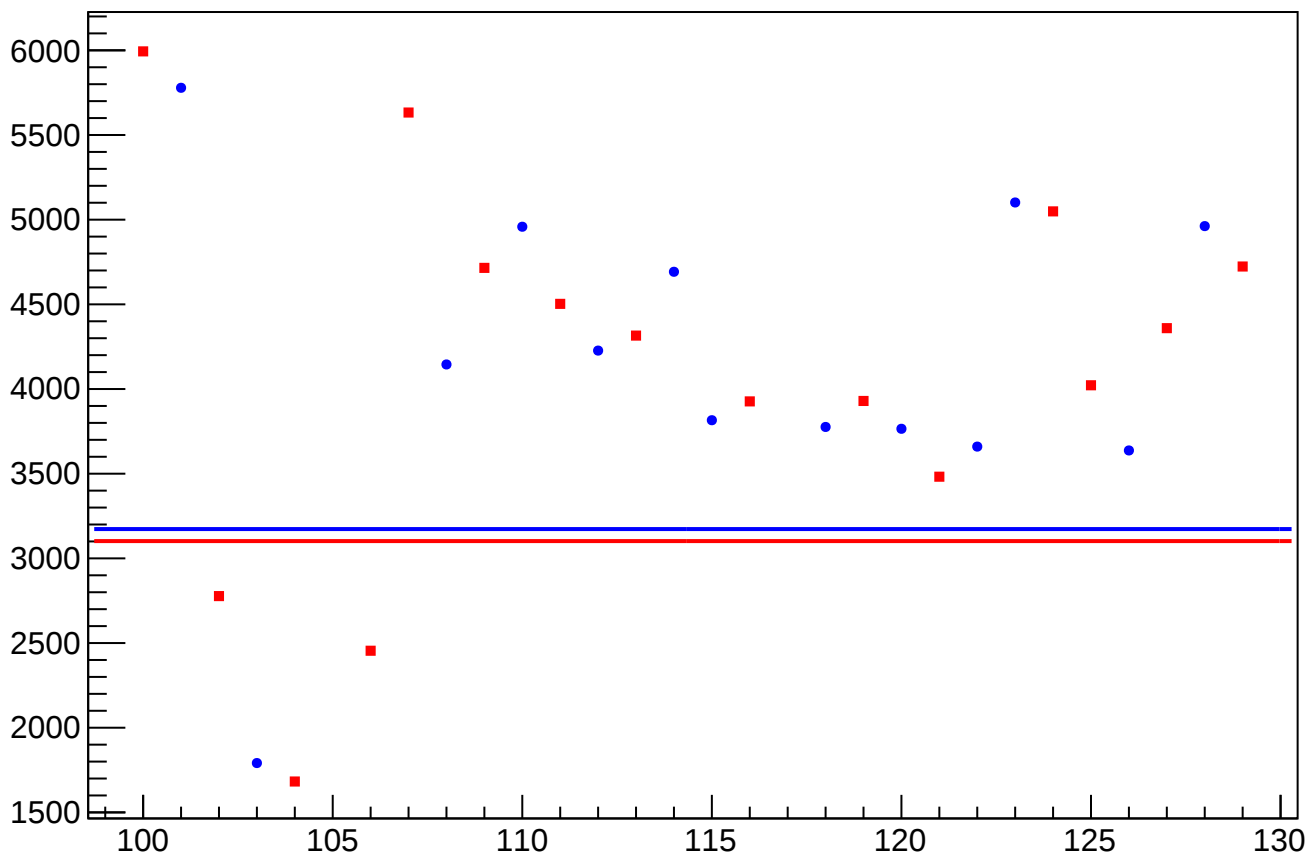
Right: 2273.420+/-1079.328 χ^2/NDF : 25.6/27

In: 2244.576+/-1593.892 χ^2/NDF :12.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2273.420+/-1079.328 χ^2/NDF : 25.6/27

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3173.070+/-1.127 χ^2/NDF : 1293815.2/12

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

Right Out: 3102.032+/-1.027 χ^2/NDF : 1474020.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

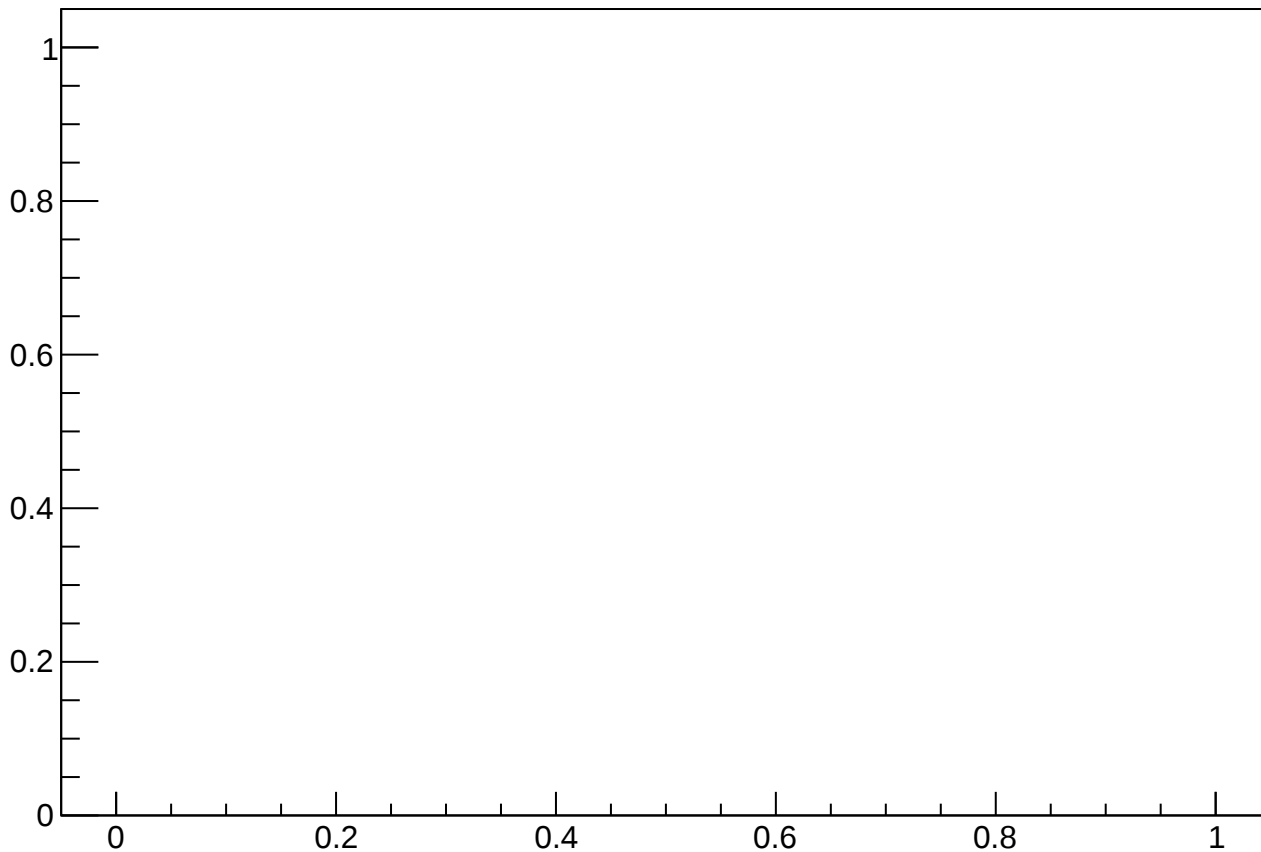
Right: 3134.244+/-0.759 χ^2/NDF : 2770007.4/27

In: 3173.070+/-1.127 χ^2/NDF : 1293815.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3134.244+/-0.759 χ^2/NDF : 2770007.4/27

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

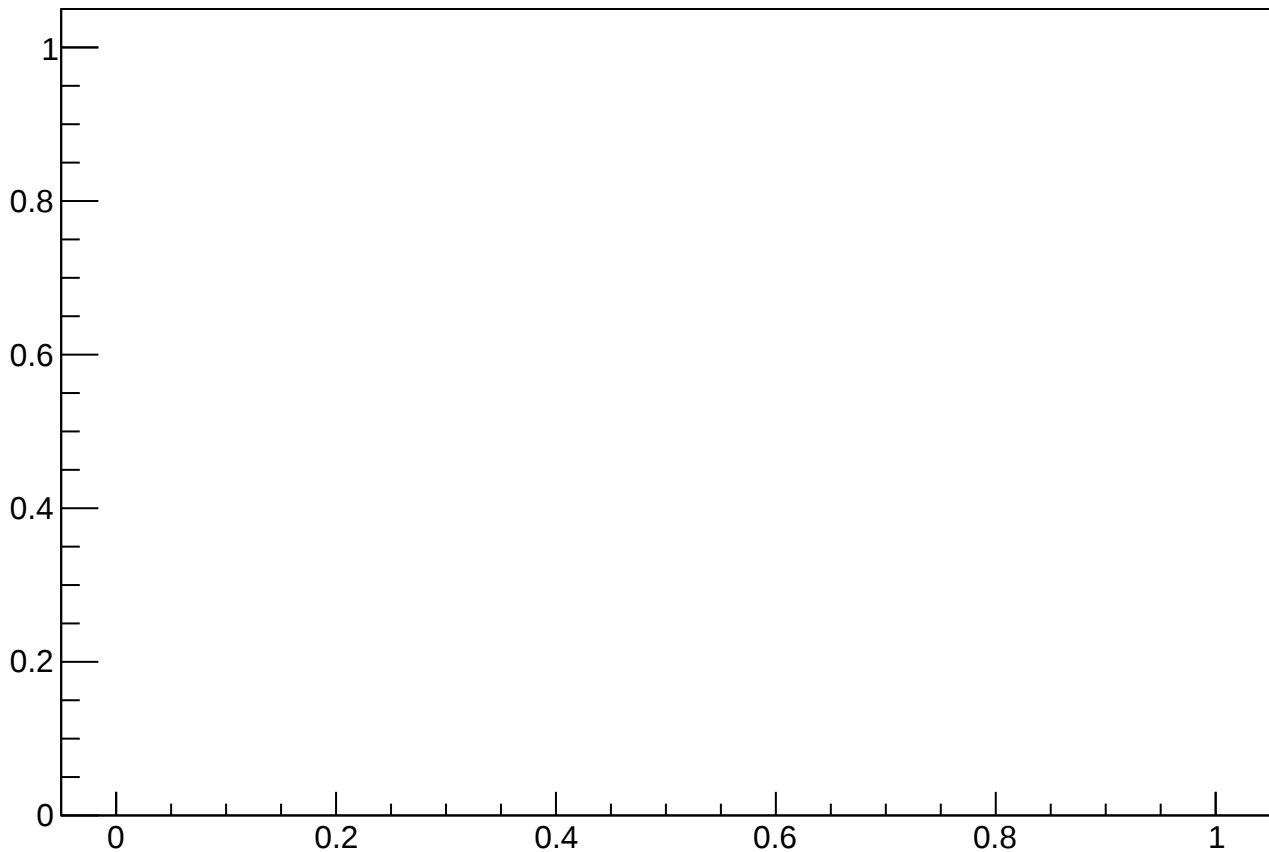
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

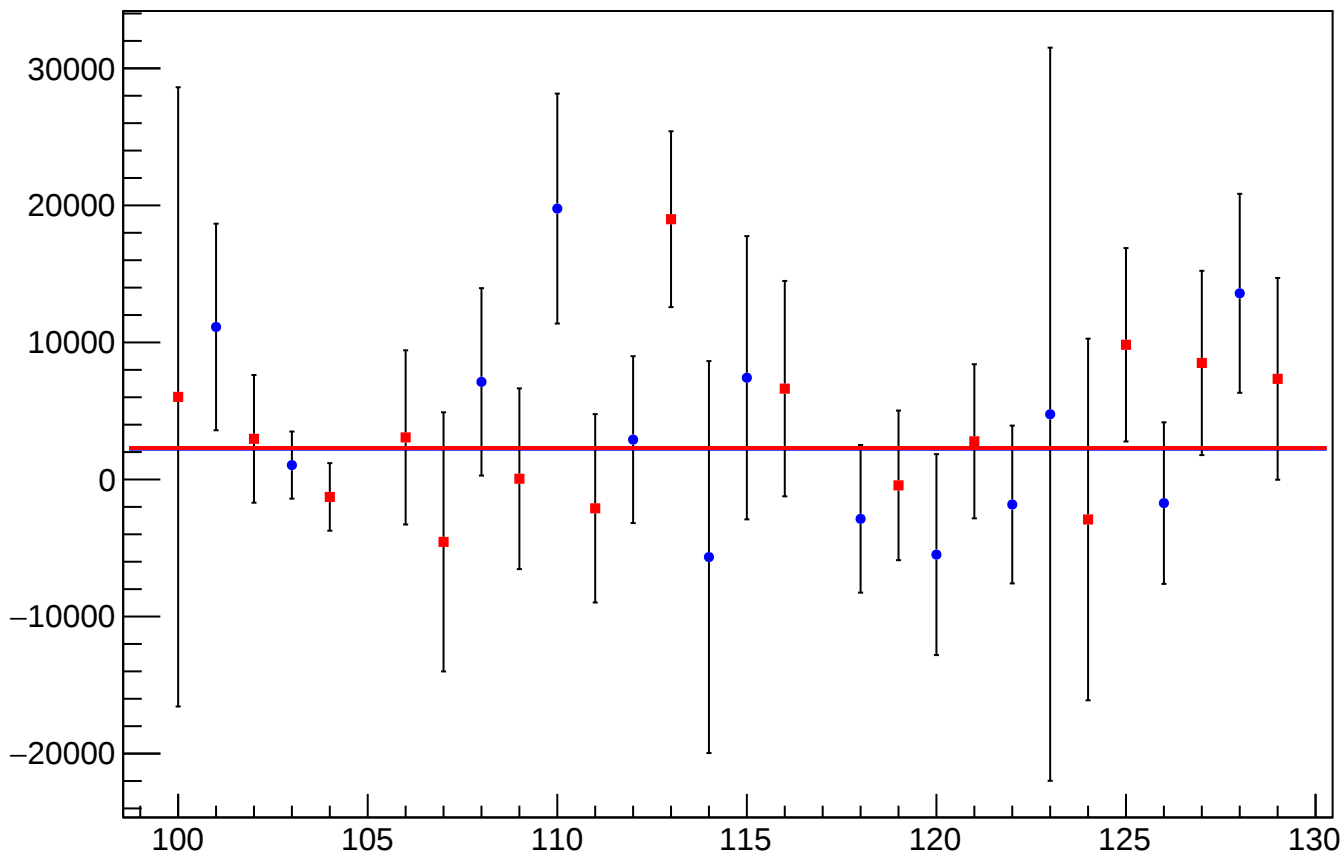
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 2244.576+/-1593.892 χ^2/NDF : 12.5/12

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

Right Out: 2297.848+/-1466.814 χ^2/NDF : 13.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

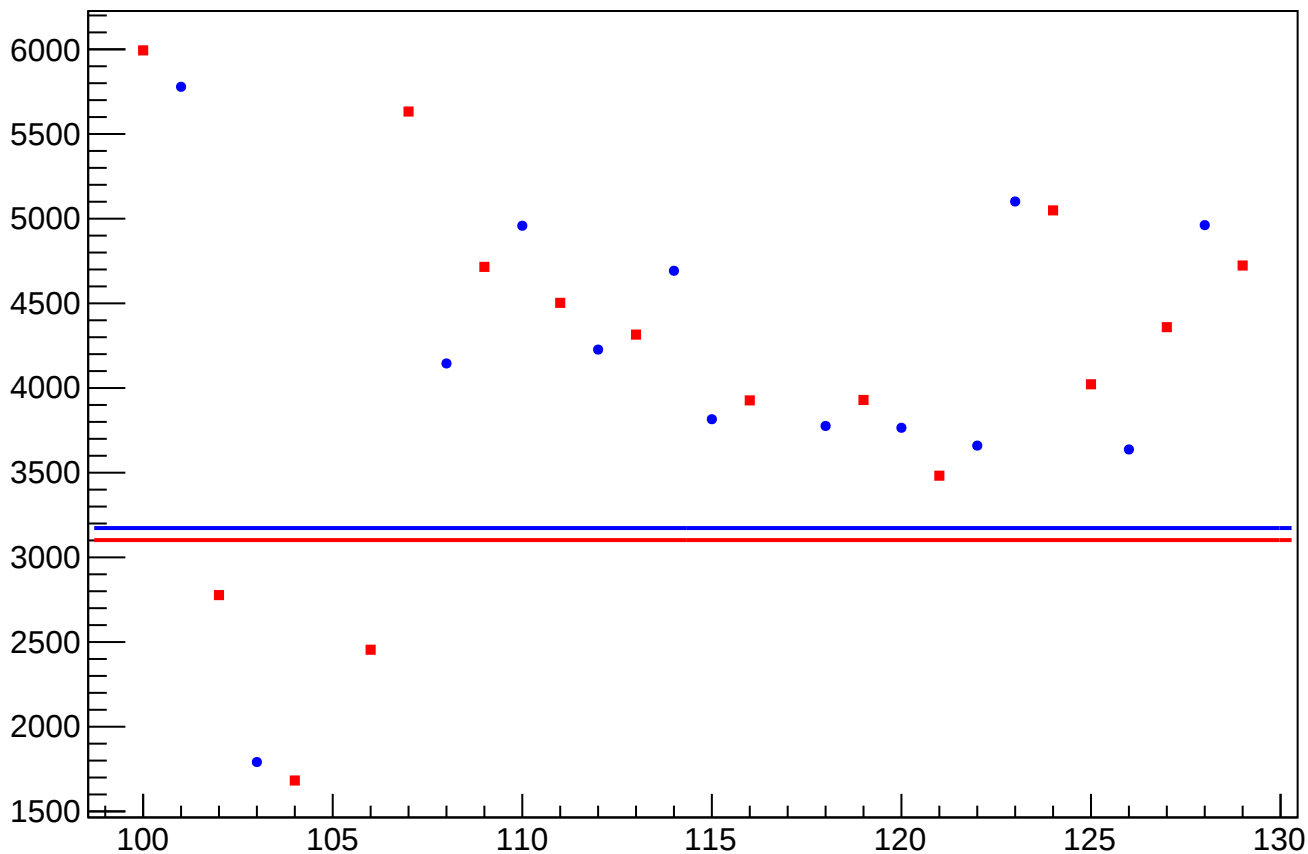
Right: 2273.420+/-1079.328 χ^2/NDF : 25.6/27

In: 2244.576+/-1593.892 χ^2/NDF : 12.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2273.420+/-1079.328 χ^2/NDF : 25.6/27

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3173.070+/-1.127 χ^2/NDF : 1293815.2/12

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

Right Out: 3102.032+/-1.027 χ^2/NDF : 1474020.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

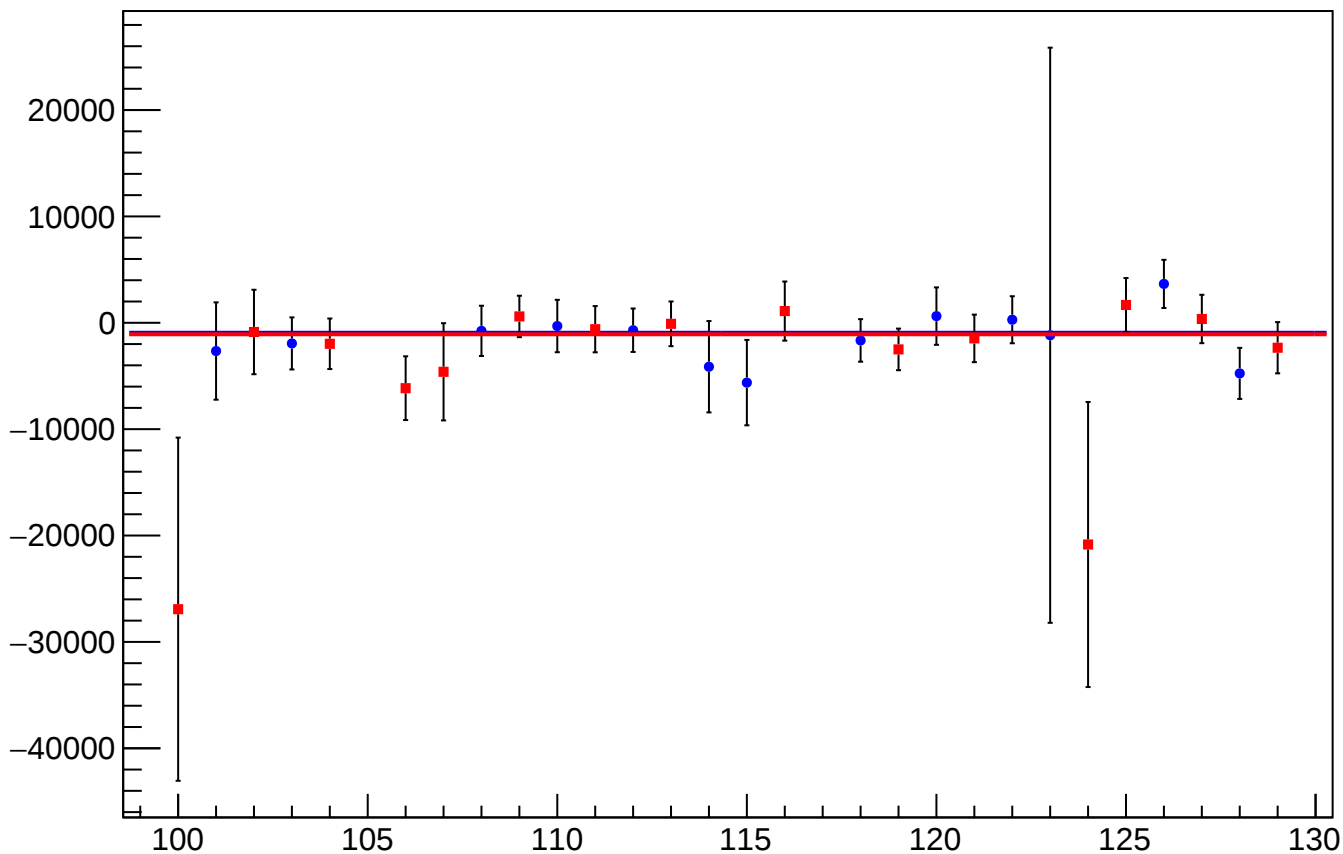
Right: 3134.244+/-0.759 χ^2/NDF : 2770007.4/27

In: 3173.070+/-1.127 χ^2/NDF : 1293815.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3134.244+/-0.759 χ^2/NDF : 2770007.4/27

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -938.888 $\pm$ 729.974 χ^2 /NDF: 9.7/12

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

Right Out: -1078.887 $\pm$ 670.606 χ^2 /NDF: 12.4/14

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

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

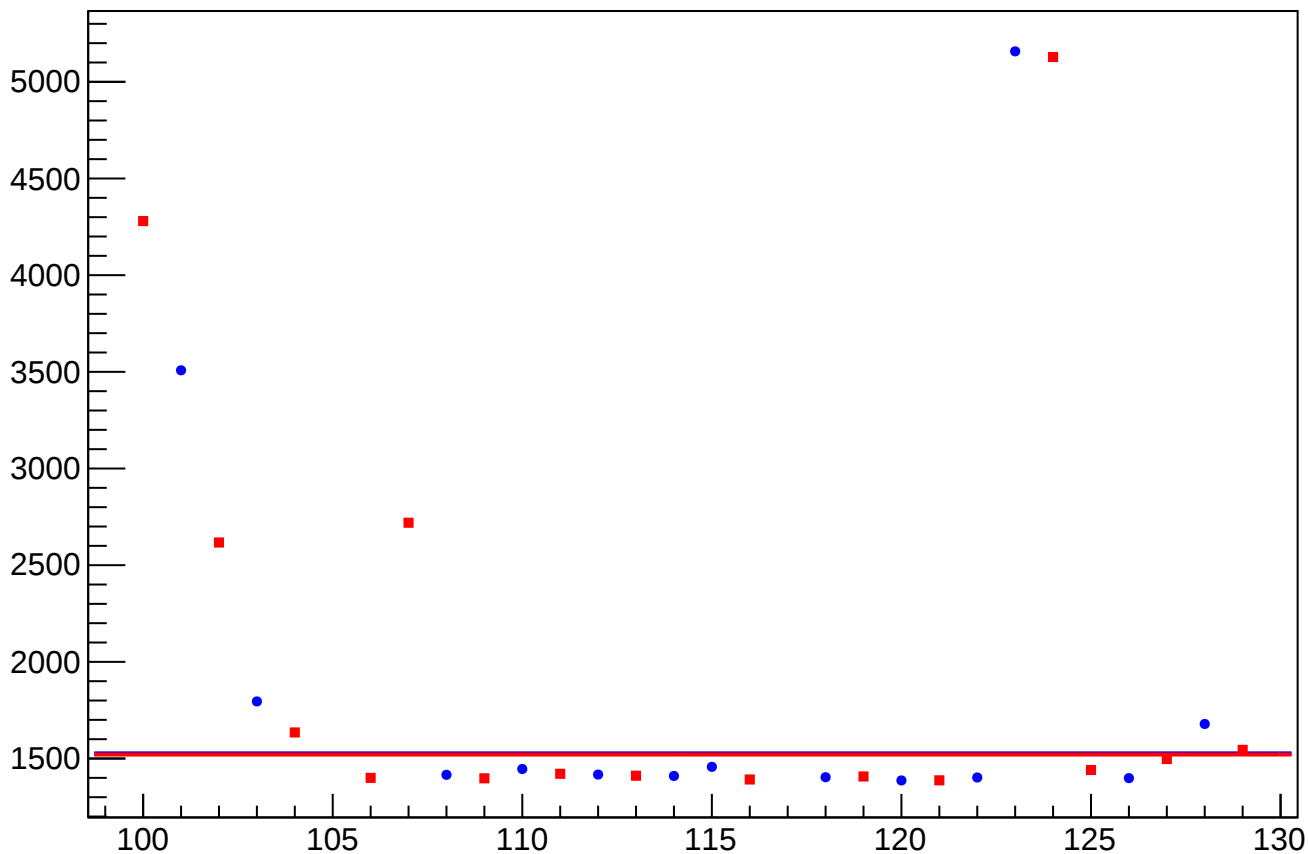
Right: -1014.812 $\pm$ 493.847 χ^2 /NDF: 22.1/27

In: -938.888 $\pm$ 729.974 χ^2 /NDF:9.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1014.812 $\pm$ 493.847 χ^2 /NDF: 22.1/27

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1526.740+/-0.516 χ^2/NDF : 483454.9/12

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

Right Out: 1520.793+/-0.474 χ^2/NDF : 539845.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

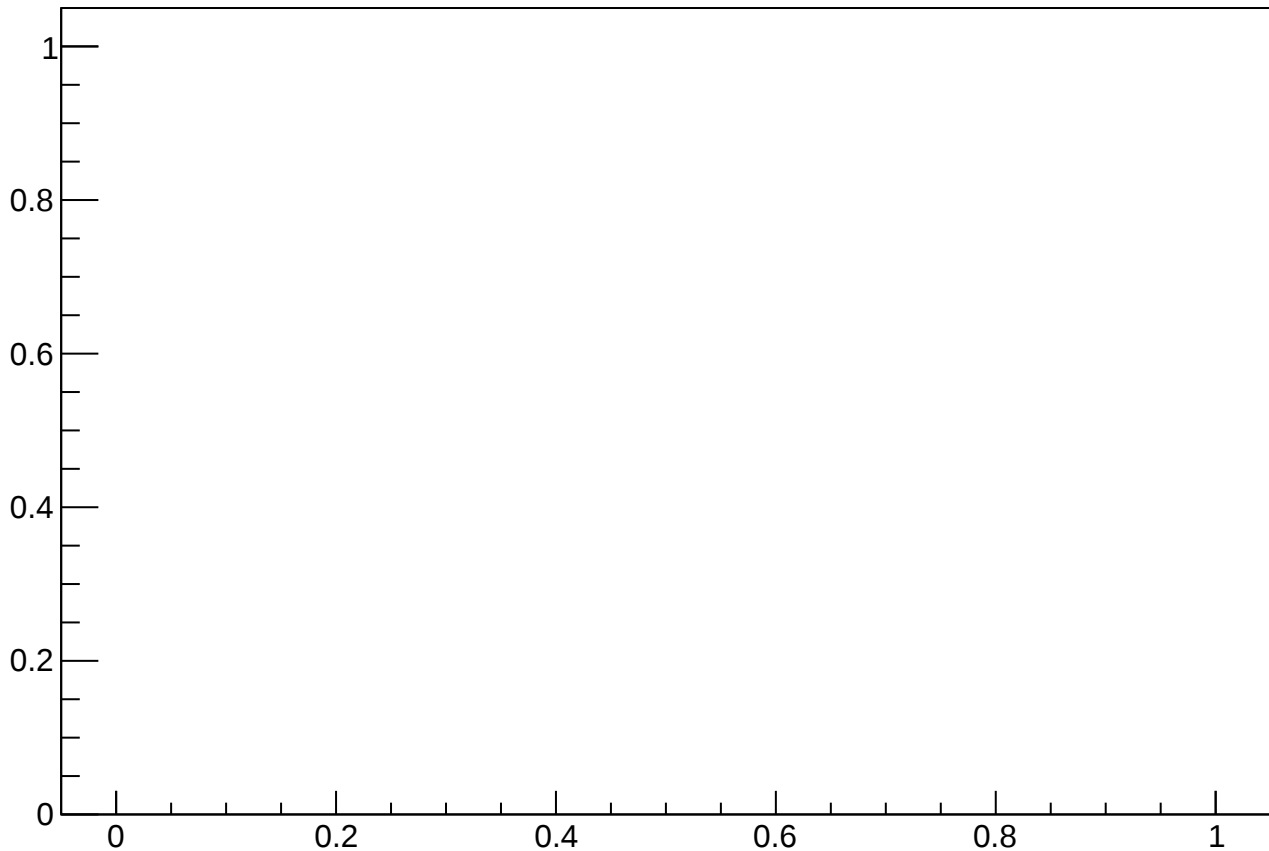
Right: 1523.515+/-0.349 χ^2/NDF : 1023372.5/27

In: 1526.740+/-0.516 χ^2/NDF : 483454.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1523.515+/-0.349 χ^2/NDF : 1023372.5/27

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

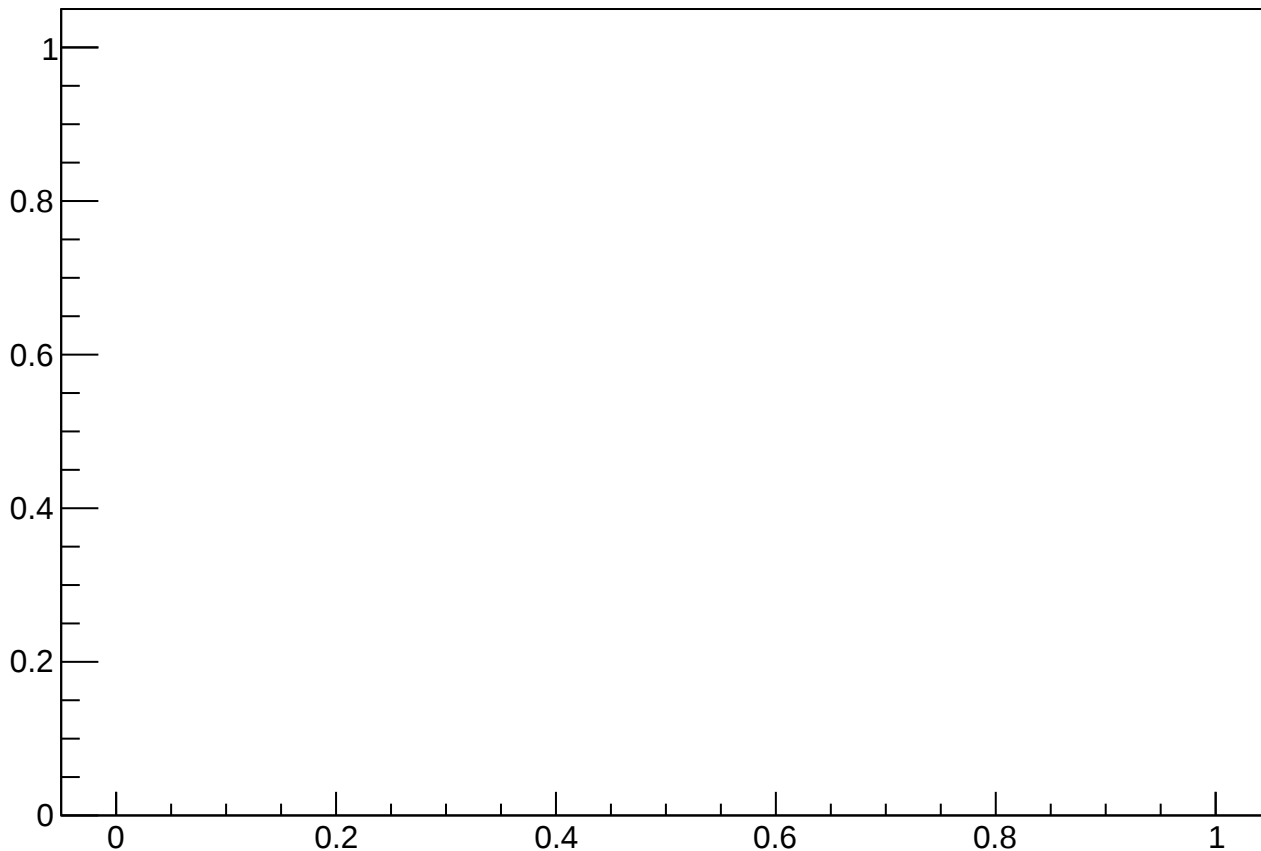
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

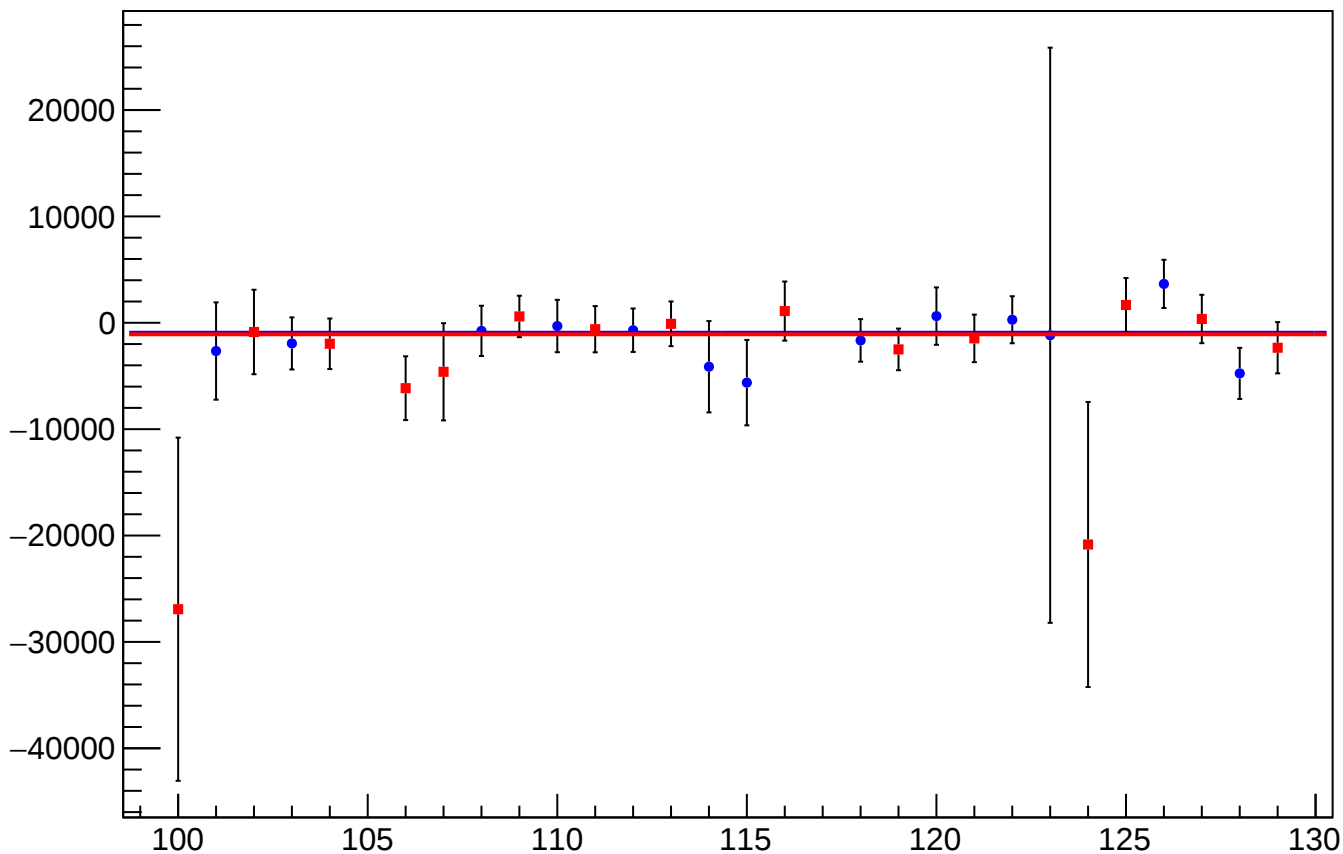
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -938.888 ± 729.974 χ^2/NDF : 9.7/12

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

Right Out: -1078.887 ± 670.606 χ^2/NDF : 12.4/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

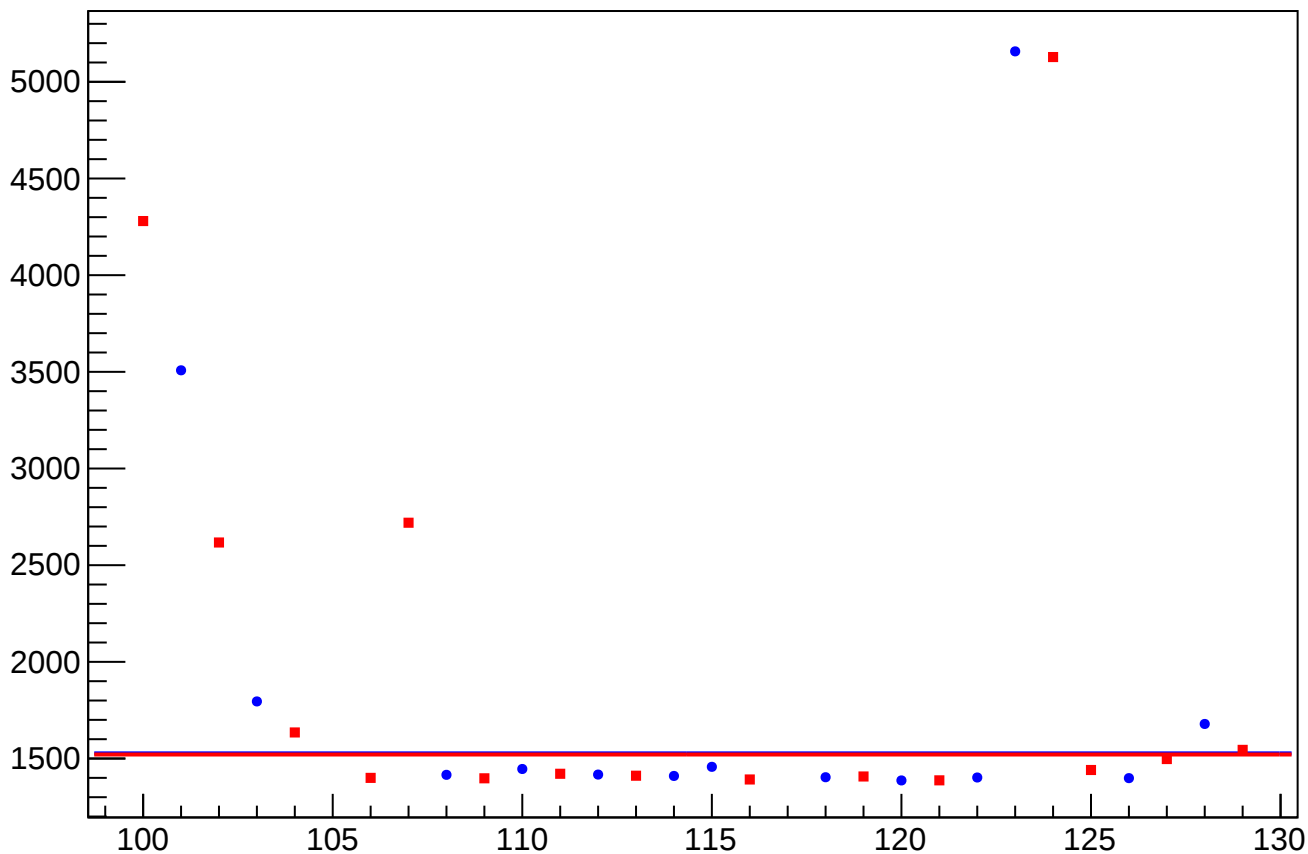
Right: -1014.812 ± 493.847 χ^2/NDF : 22.1/27

In: -938.888 ± 729.974 χ^2/NDF : 9.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1014.812 ± 493.847 χ^2/NDF : 22.1/27

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1526.740+/-0.516 χ^2/NDF : 483454.9/12

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

Right Out: 1520.793+/-0.474 χ^2/NDF : 539845.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

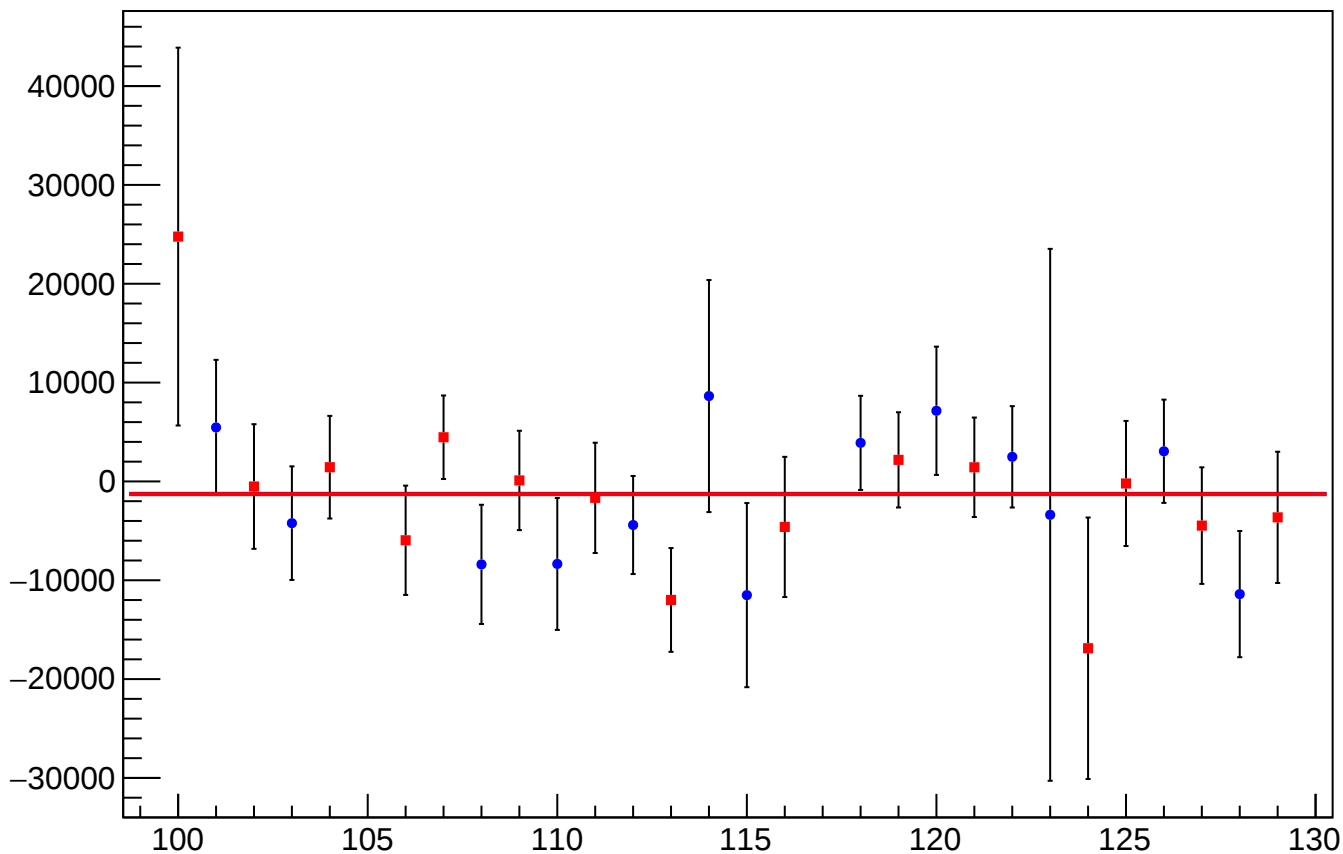
Right: 1523.515+/-0.349 χ^2/NDF : 1023372.5/27

In: 1526.740+/-0.516 χ^2/NDF : 483454.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1523.515+/-0.349 χ^2/NDF : 1023372.5/27

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1257.239+/-1742.344 χ^2/NDF : 12.7/12

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

Right Out: -1287.721+/-1496.944 χ^2/NDF : 11.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

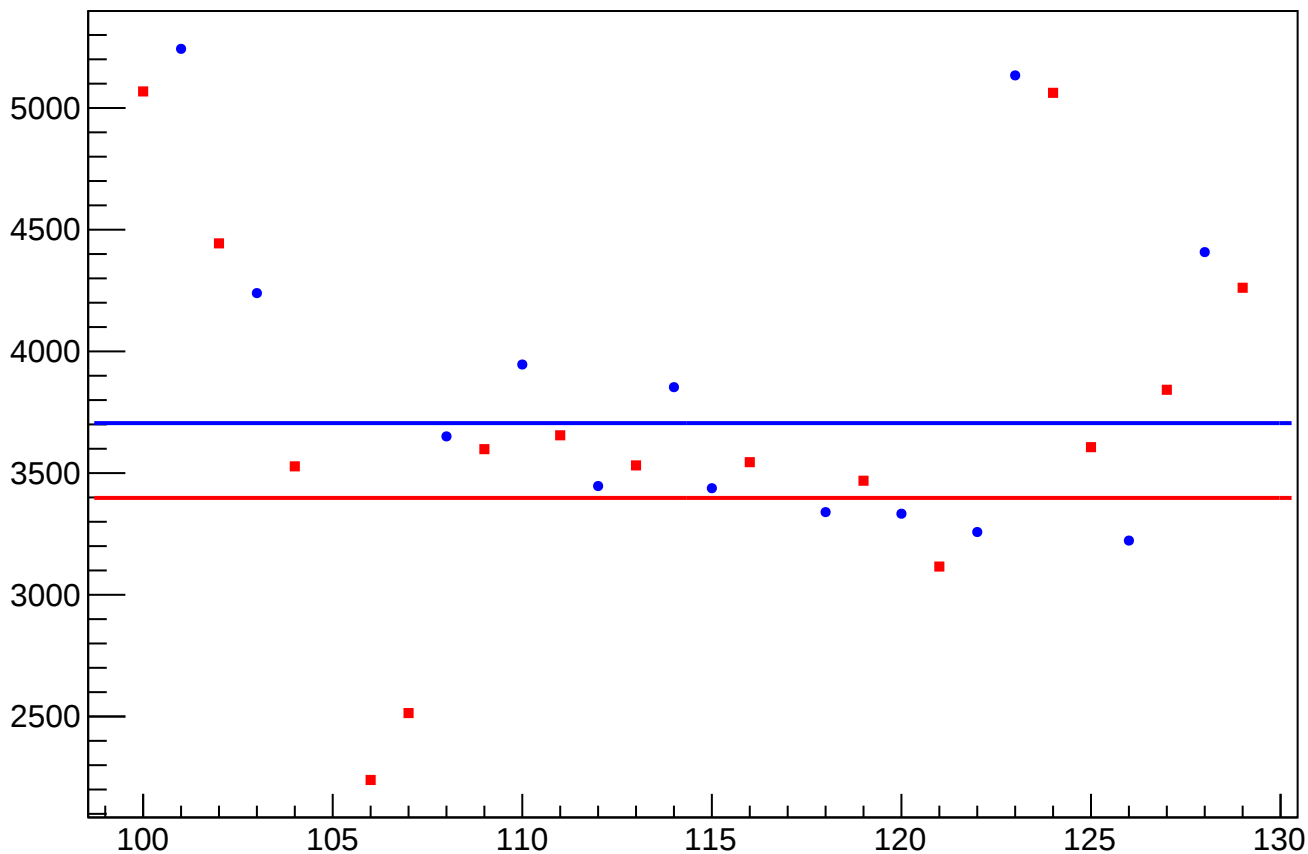
Right: -1274.776+/-1135.435 χ^2/NDF : 24.5/27

In: -1257.239+/-1742.344 χ^2/NDF : 12.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1274.776+/-1135.435 χ^2/NDF : 24.5/27

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3705.325+/-1.232 χ^2/NDF : 209073.3/12

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

Right Out: 3398.048+/-1.047 χ^2/NDF : 368252.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

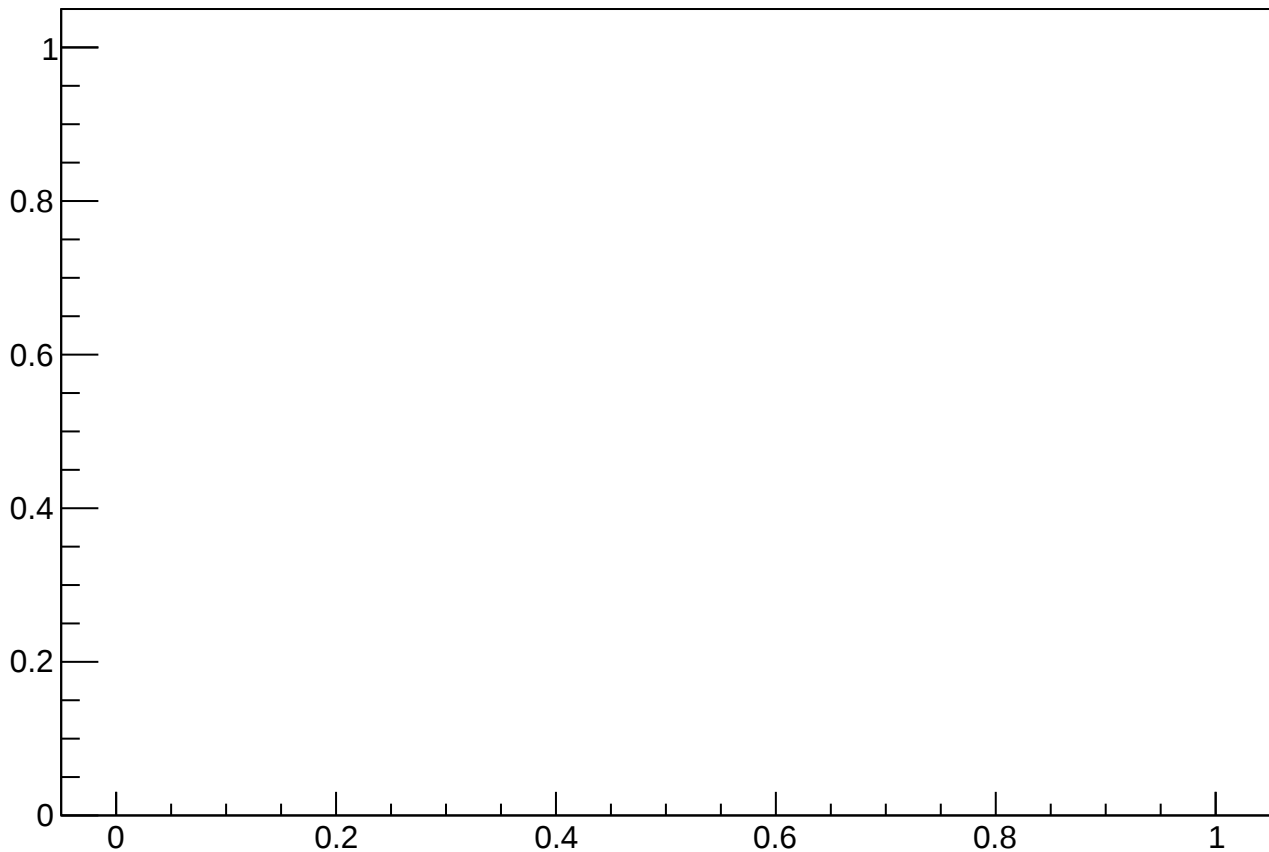
Right: 3526.935+/-0.798 χ^2/NDF : 613441.4/27

In: 3705.325+/-1.232 χ^2/NDF : 209073.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3526.935+/-0.798 χ^2/NDF : 613441.4/27

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

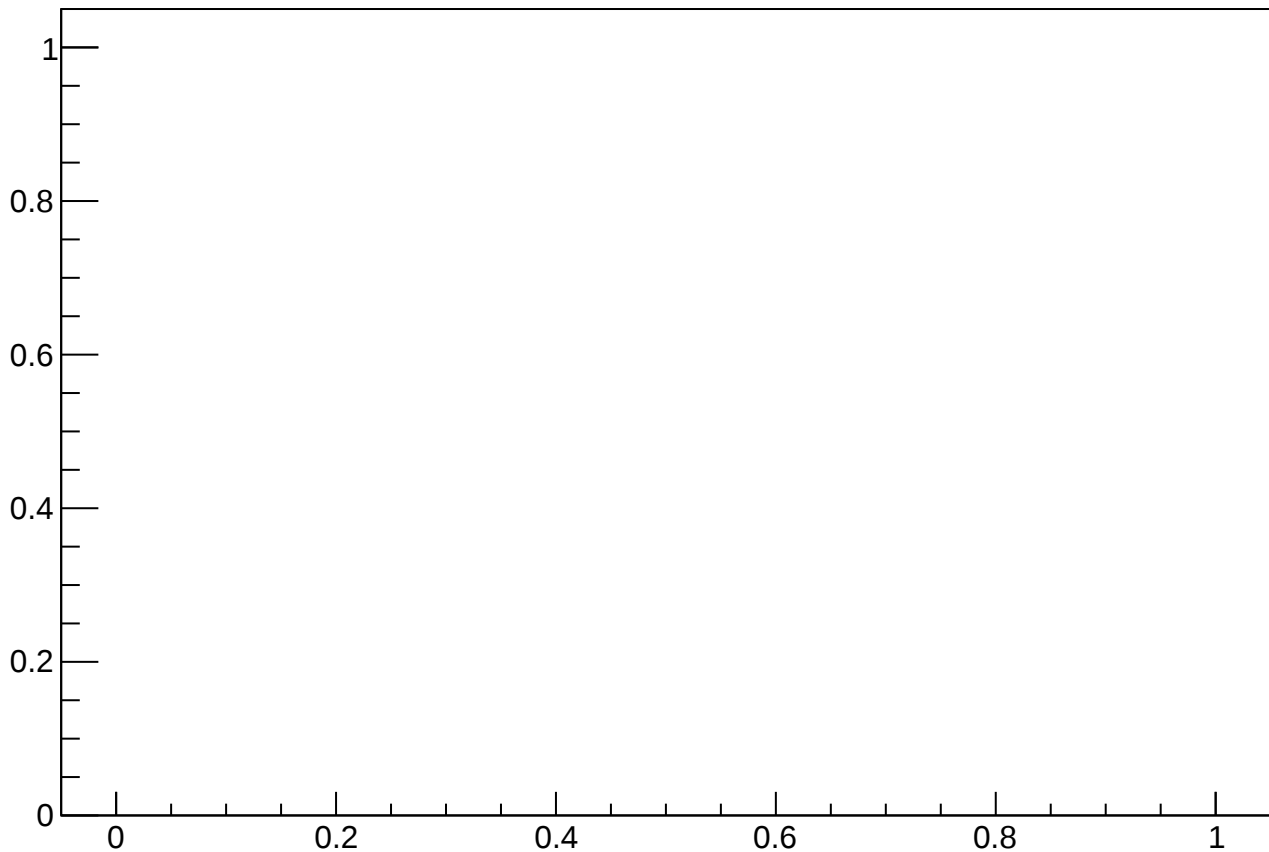
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

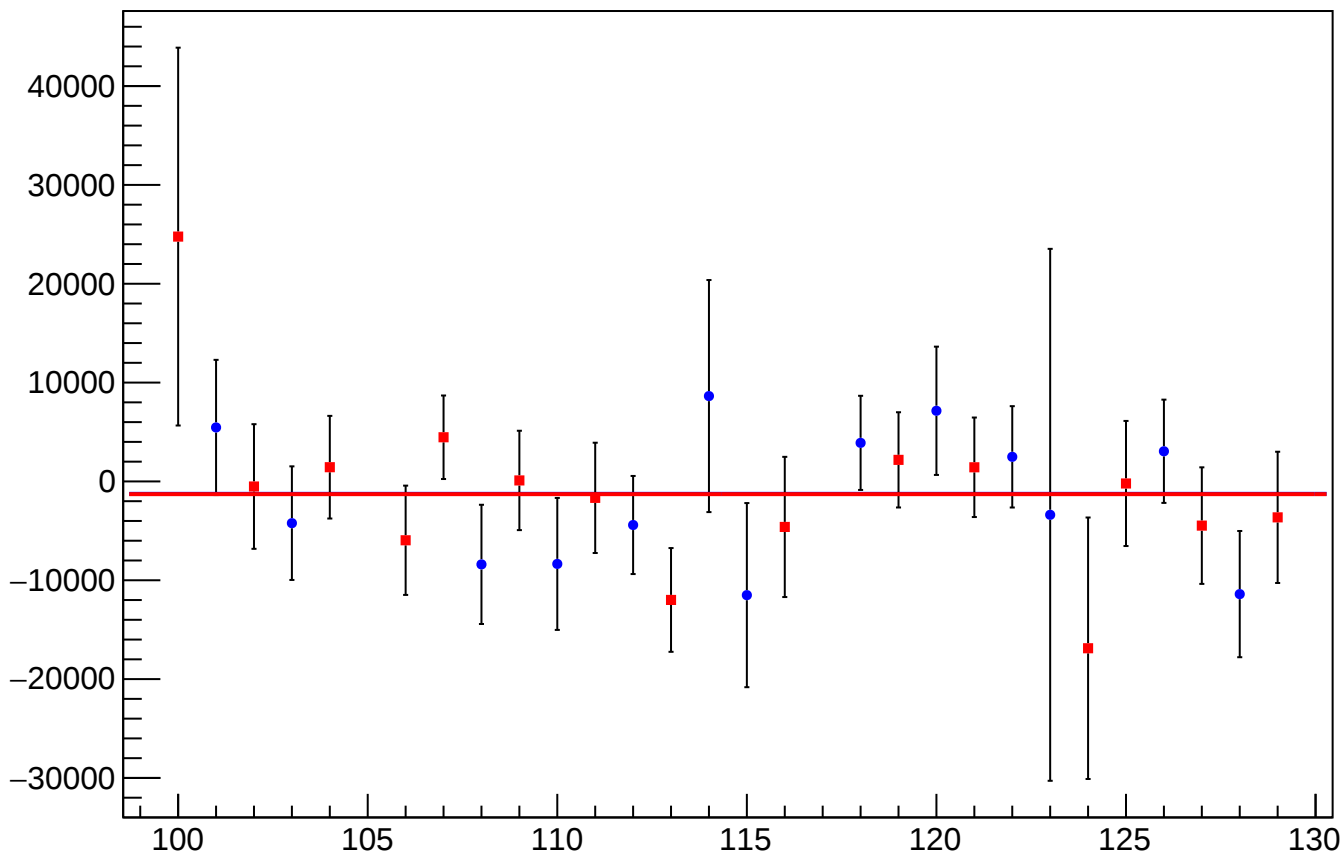
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -1257.239+/-1742.344 χ^2/NDF : 12.7/12

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

Right Out: -1287.721+/-1496.944 χ^2/NDF : 11.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

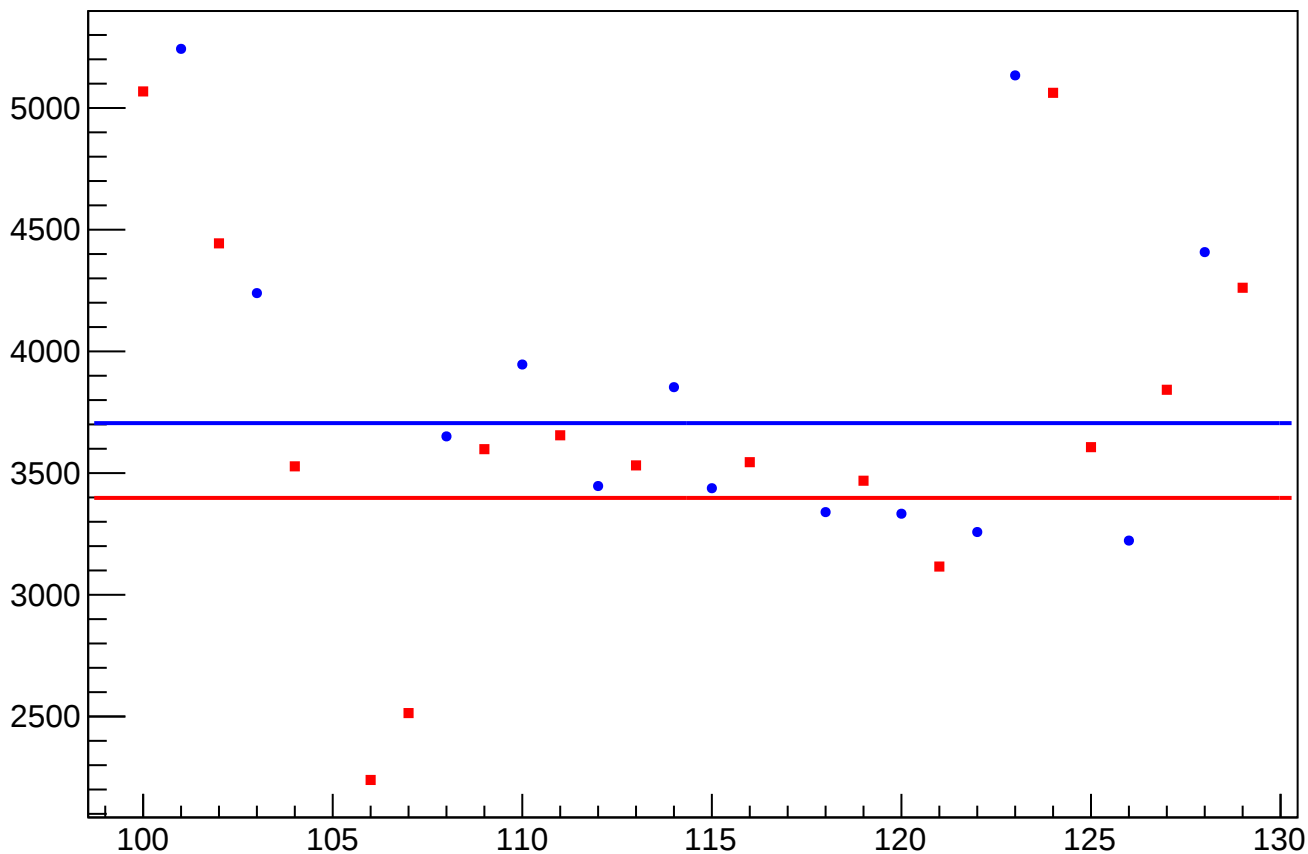
Right: -1274.776+/-1135.435 χ^2/NDF : 24.5/27

In: -1257.239+/-1742.344 χ^2/NDF : 12.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1274.776+/-1135.435 χ^2/NDF : 24.5/27

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3705.325+/-1.232 χ^2/NDF : 209073.3/12

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

Right Out: 3398.048+/-1.047 χ^2/NDF : 368252.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

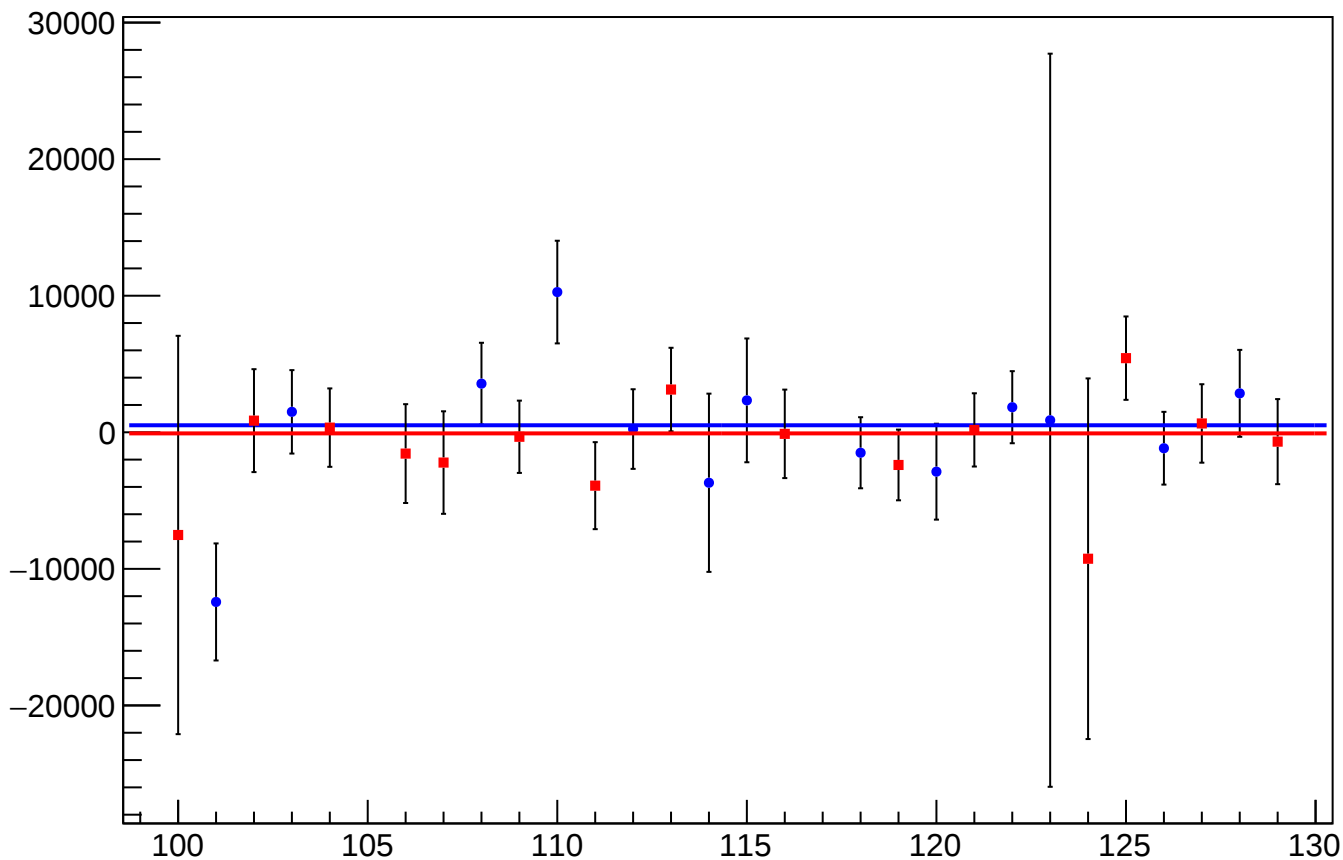
Right: 3526.935+/-0.798 χ^2/NDF : 613441.4/27

In: 3705.325+/-1.232 χ^2/NDF : 209073.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3526.935+/-0.798 χ^2/NDF : 613441.4/27

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 514.321+/-933.593 χ^2/NDF : 20.3/12

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

Right Out: -80.370+/-841.239 χ^2/NDF : 8.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

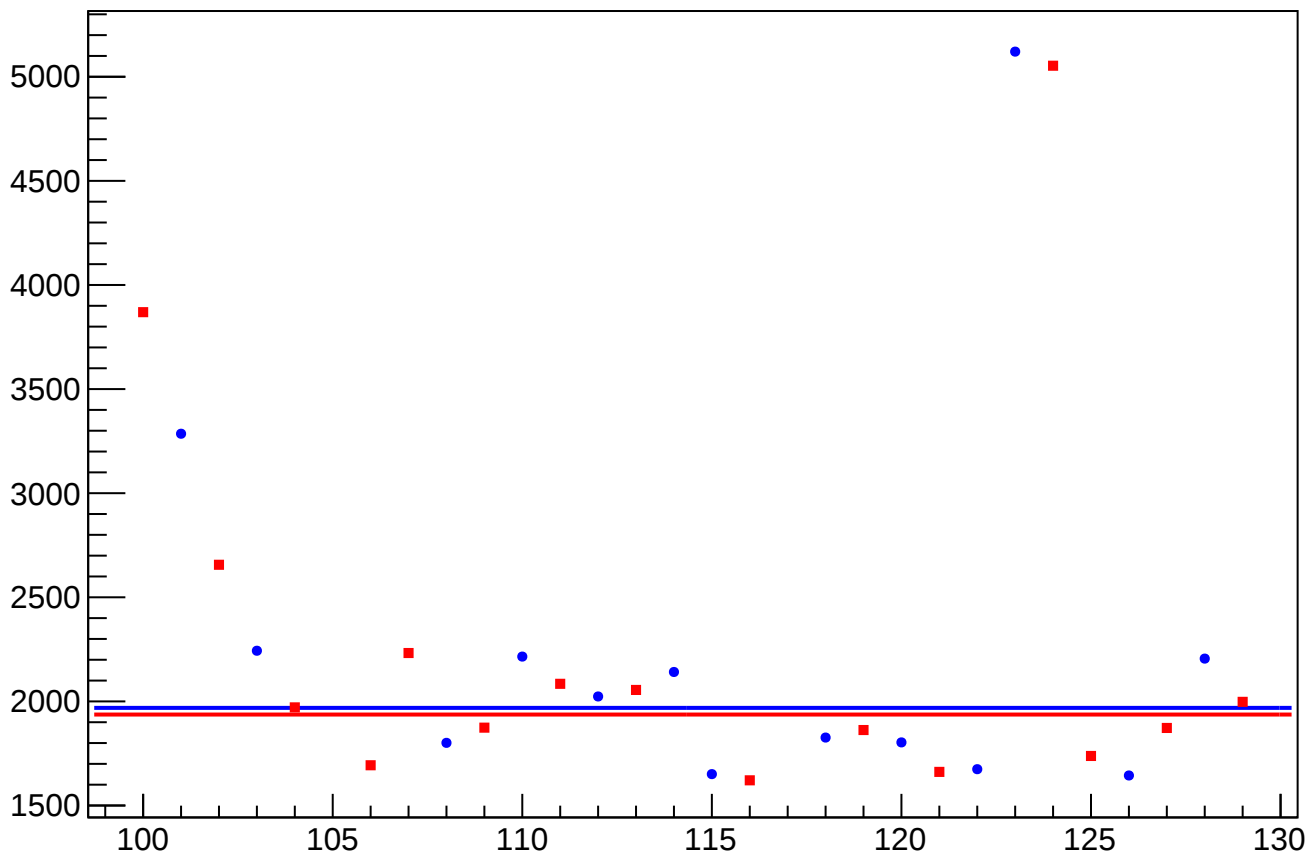
Right: 186.114+/-624.953 χ^2/NDF : 28.6/27

In: 514.321+/-933.593 χ^2/NDF : 20.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 186.114+/-624.953 χ^2/NDF : 28.6/27

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1968.926+/-0.660 χ^2/NDF : 335506.3/12

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

Right Out: 1936.873+/-0.595 χ^2/NDF : 301627.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

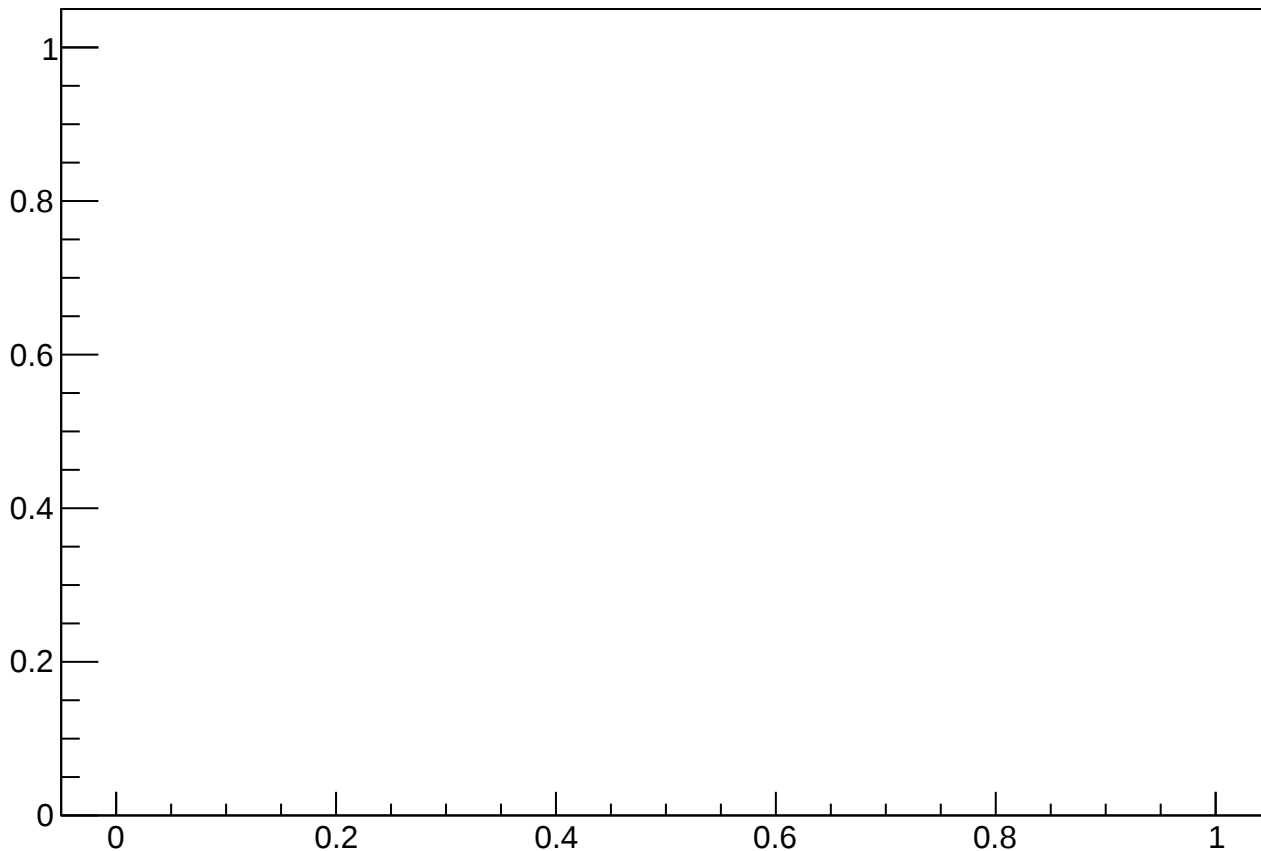
Right: 1951.236+/-0.442 χ^2/NDF : 638434.3/27

In: 1968.926+/-0.660 χ^2/NDF : 335506.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1951.236+/-0.442 χ^2/NDF : 638434.3/27

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

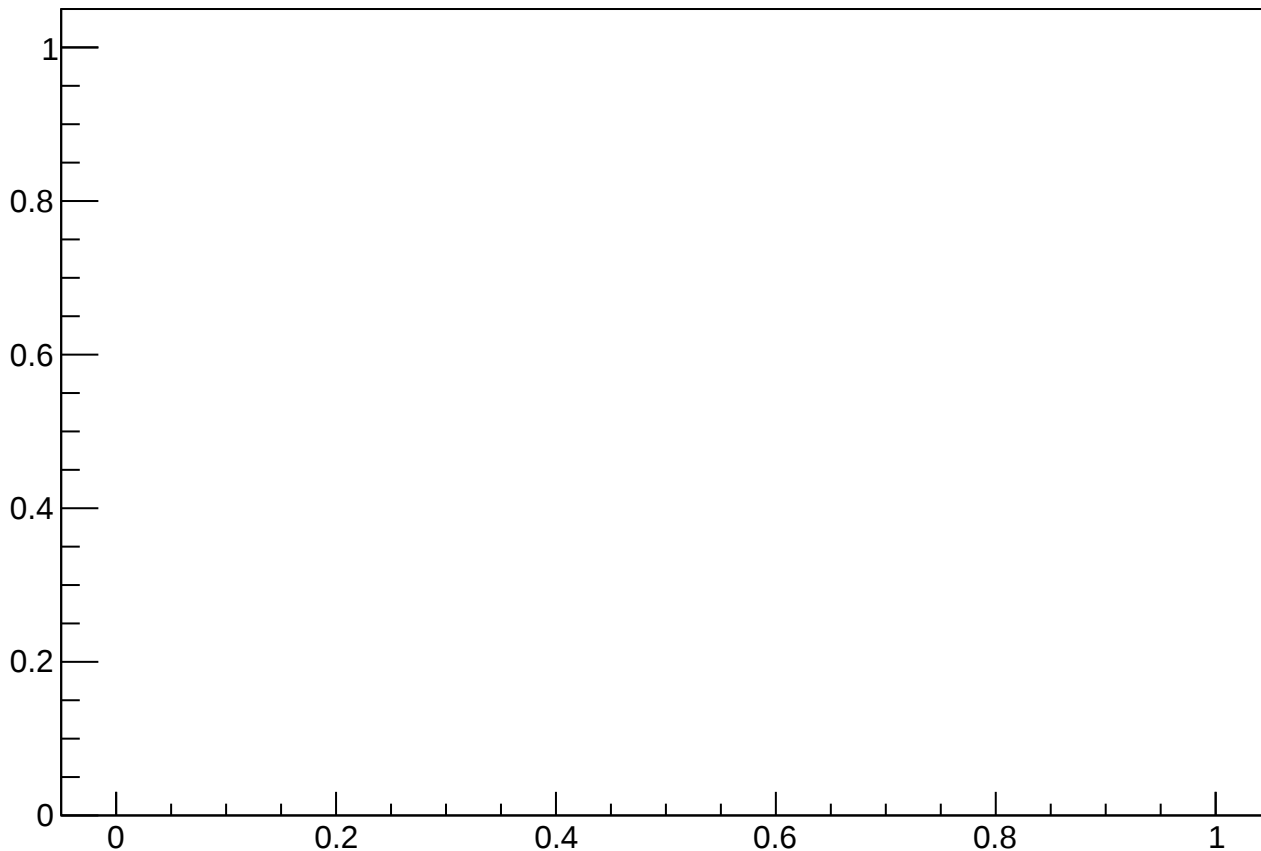
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

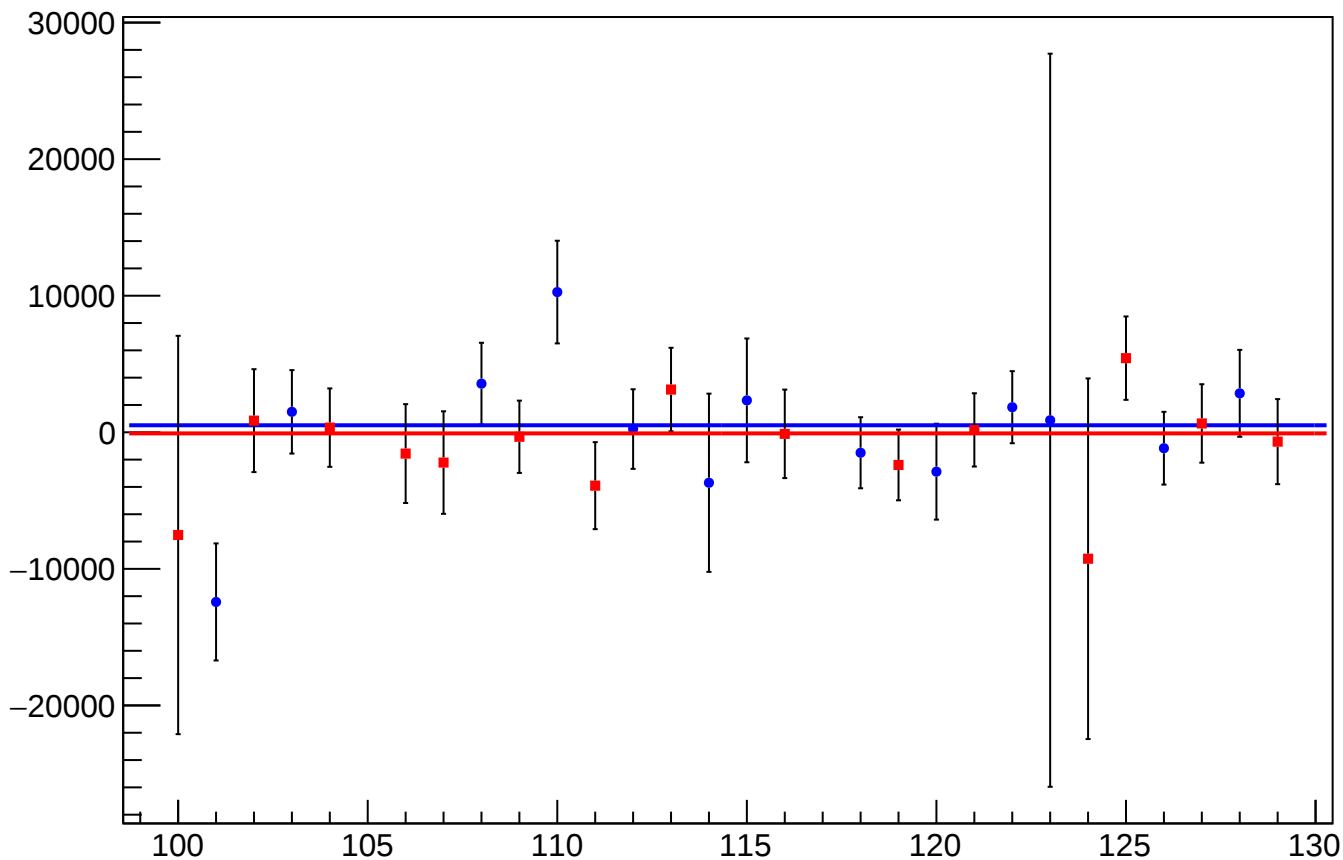
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 514.321+/-933.593 χ^2/NDF : 20.3/12

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

Right Out: -80.370+/-841.239 χ^2/NDF : 8.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

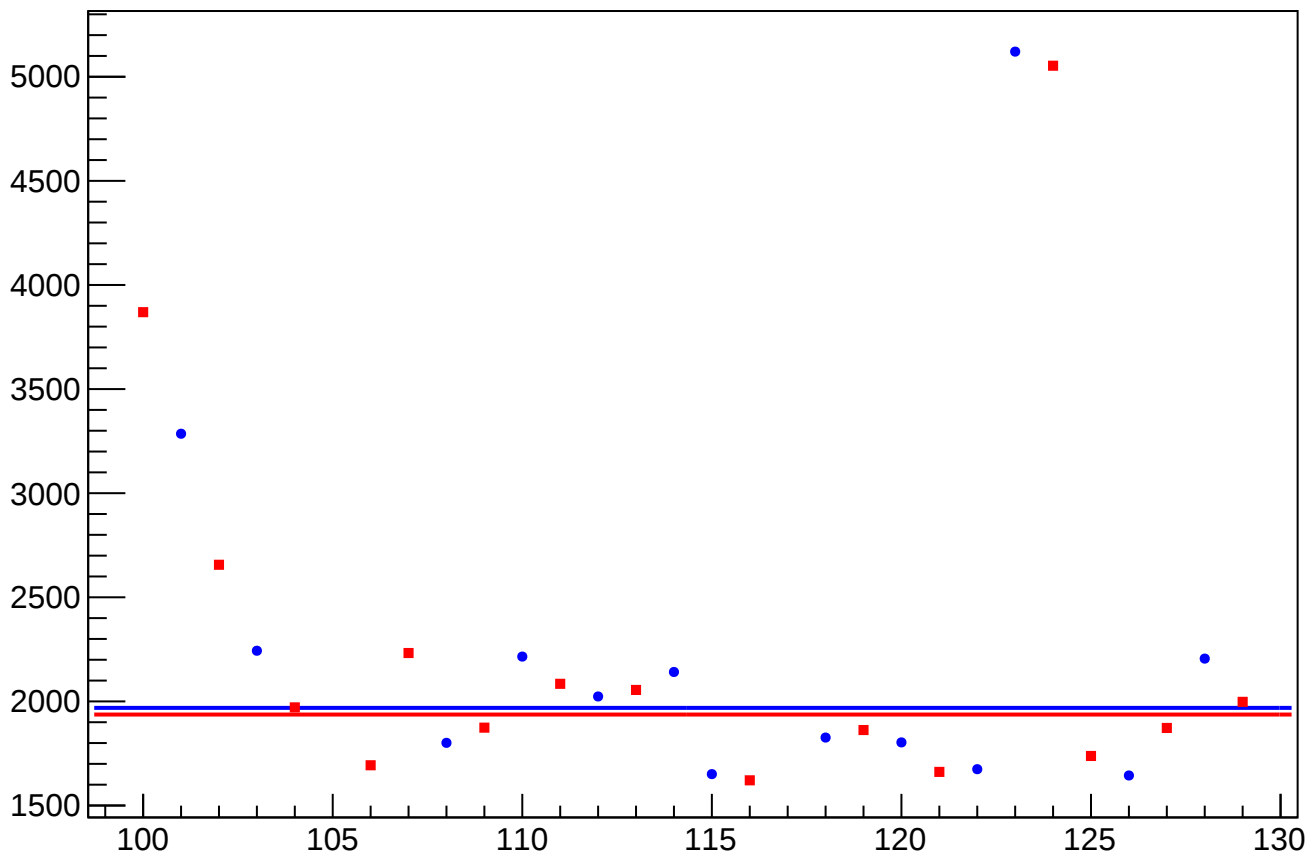
Right: 186.114+/-624.953 χ^2/NDF : 28.6/27

In: 514.321+/-933.593 χ^2/NDF : 20.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 186.114+/-624.953 χ^2/NDF : 28.6/27

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1968.926+/-0.660 χ^2/NDF : 335506.3/12

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

Right Out: 1936.873+/-0.595 χ^2/NDF : 301627.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

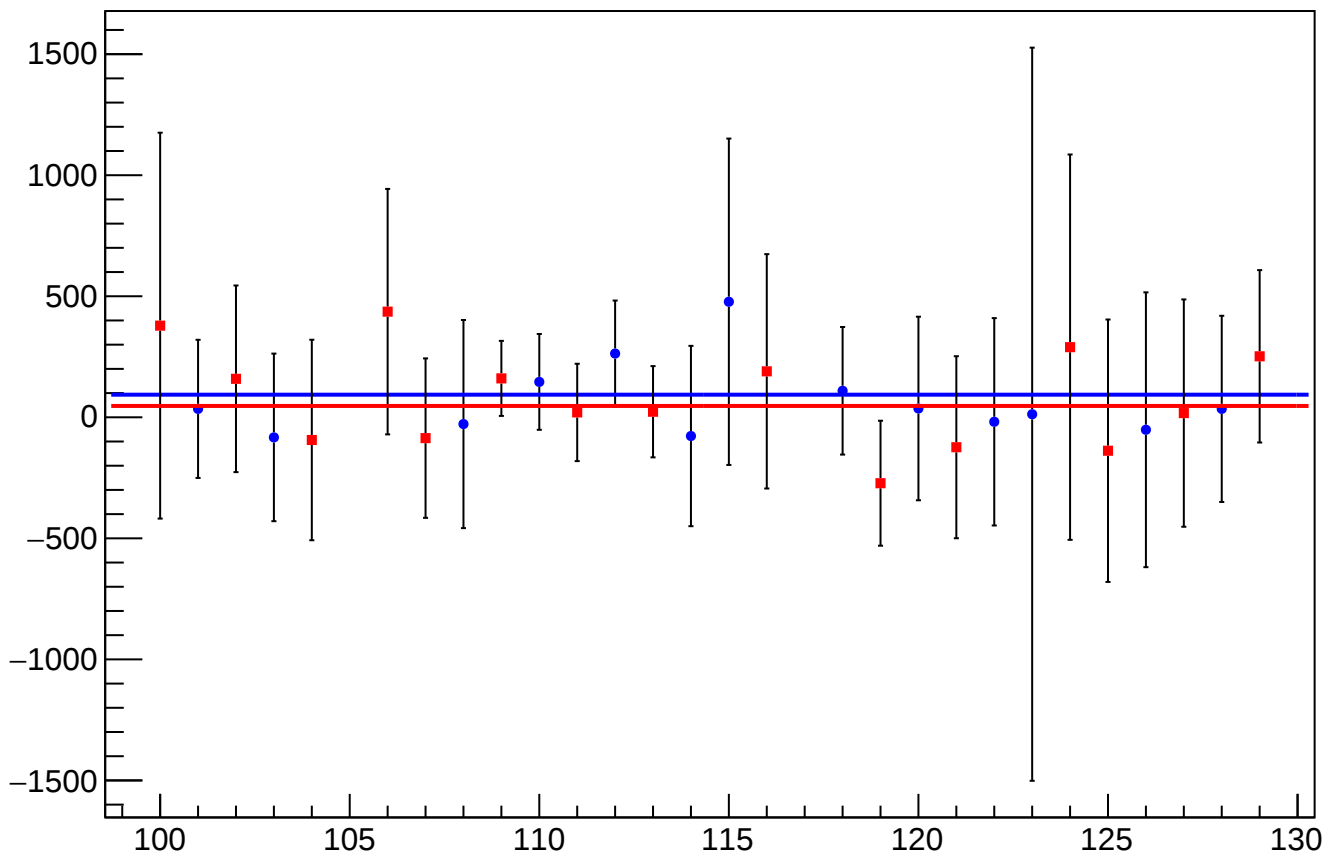
Right: 1951.236+/-0.442 χ^2/NDF : 638434.3/27

In: 1968.926+/-0.660 χ^2/NDF : 335506.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1951.236+/-0.442 χ^2/NDF : 638434.3/27

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 93.379+/-91.688 χ^2/NDF : 1.8/12

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

Right Out: 46.875+/-77.731 χ^2/NDF : 4.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

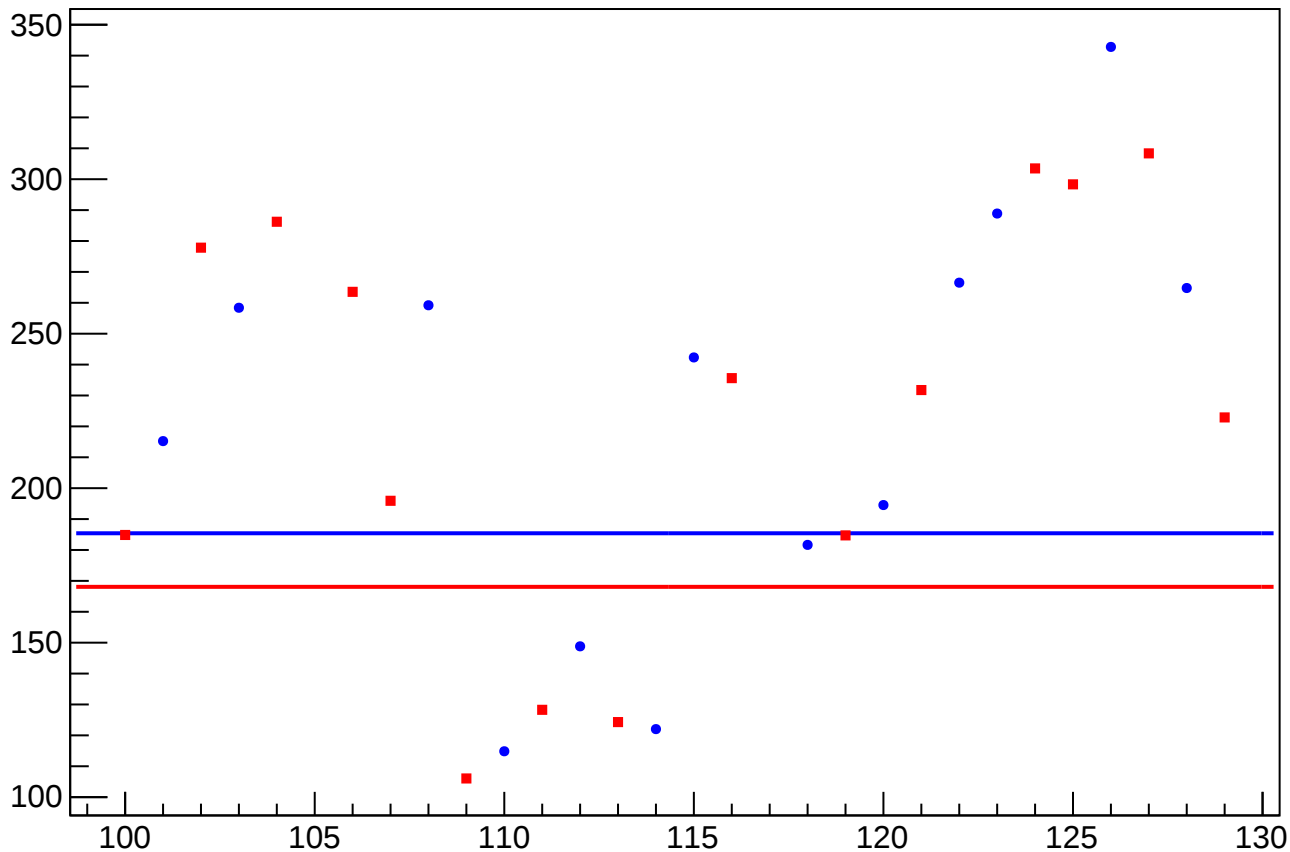
Right: 66.322+/-59.291 χ^2/NDF : 6.0/27

In: 93.379+/-91.688 χ^2/NDF : 1.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.322+/-59.291 χ^2/NDF : 6.0/27

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 185.409+/-0.065 χ^2/NDF : 873691.9/12

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

Right Out: 168.070+/-0.055 χ^2/NDF : 1421576.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

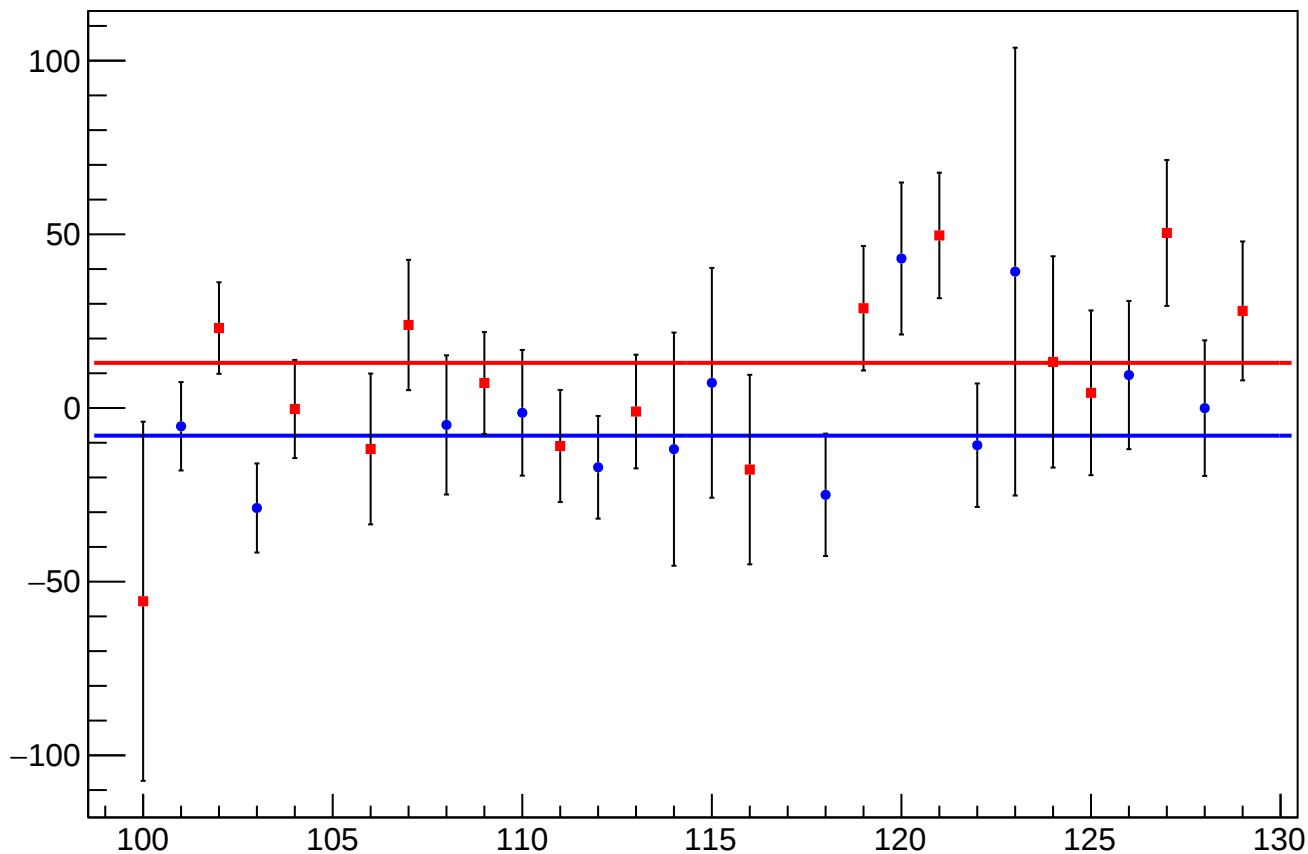
Right: 175.321+/-0.042 χ^2/NDF : 2336881.1/27

In: 185.409+/-0.065 χ^2/NDF : 873691.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.321+/-0.042 χ^2/NDF : 2336881.1/27

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.962 $\pm$ 5.149 χ^2 /NDF: 11.2/12

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

Right Out: 12.995 $\pm$ 4.796 χ^2 /NDF: 18.0/14

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

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

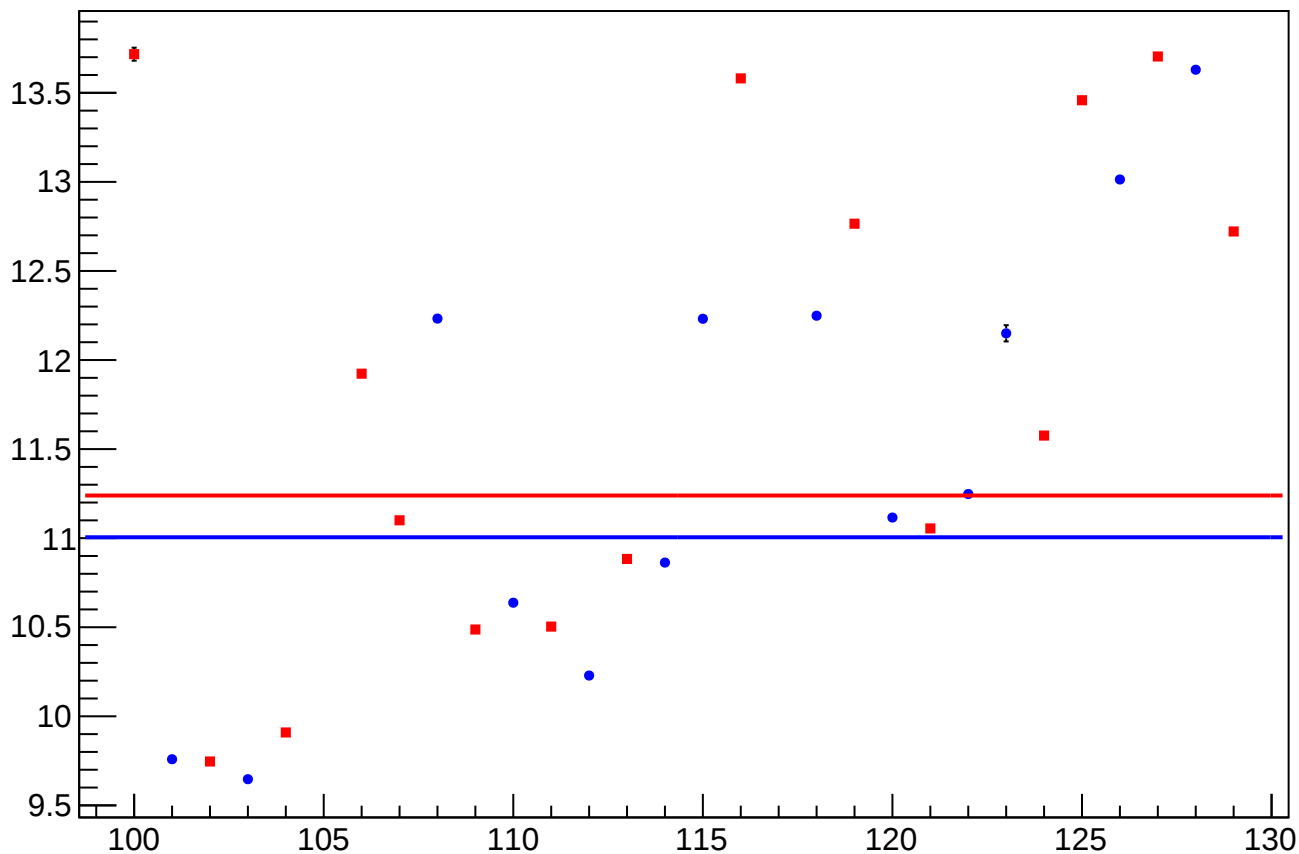
Right: 3.259 $\pm$ 3.509 χ^2 /NDF: 38.1/27

In: -7.962 $\pm$ 5.149 χ^2 /NDF: 11.2/12

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

All: 3.259 $\pm$ 3.509 χ^2 /NDF: 38.1/27

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 11.005+/-0.004 χ^2/NDF : 123143.4/12

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

Right Out: 11.239+/-0.003 χ^2/NDF : 146184.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

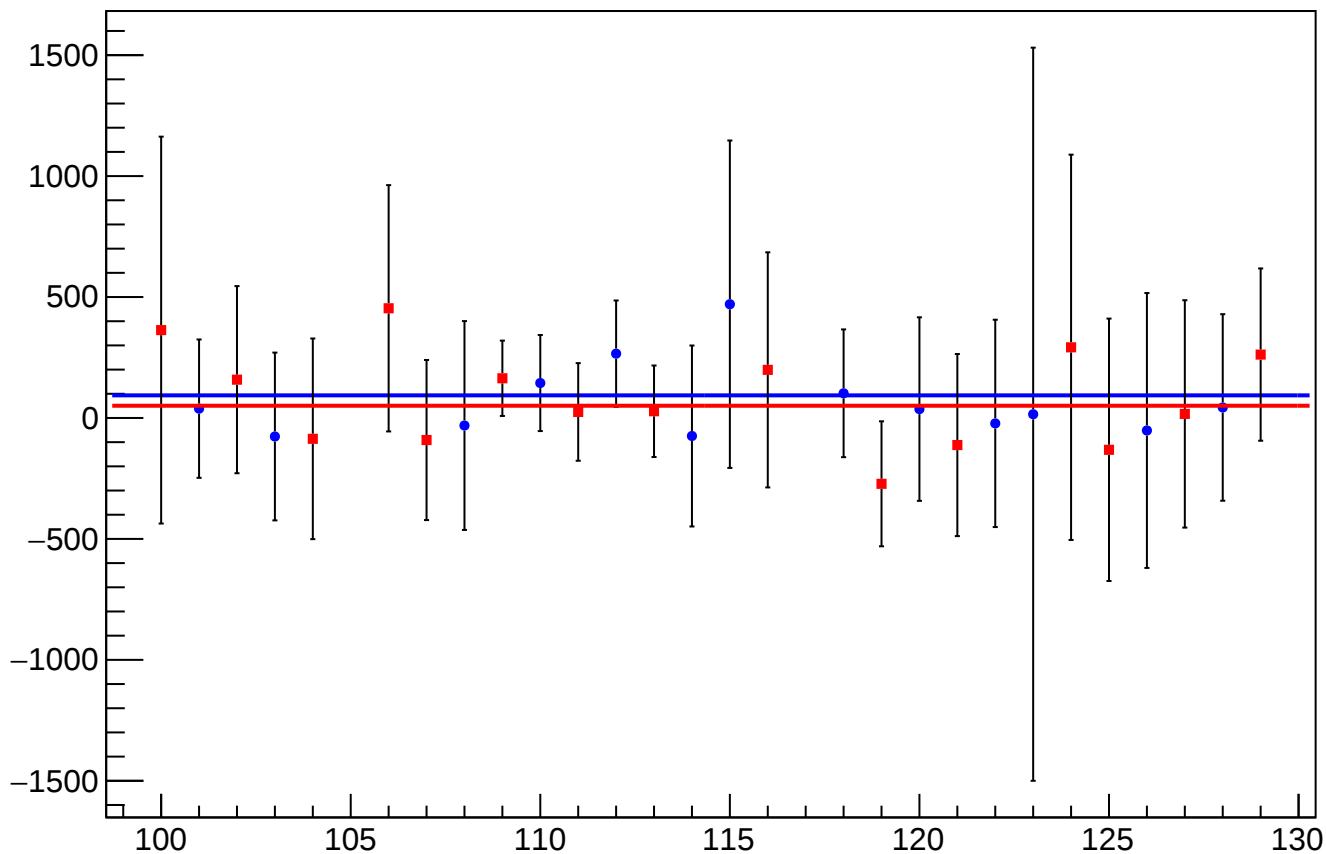
Right: 11.131+/-0.002 χ^2/NDF : 271547.4/27

In: 11.005+/-0.004 χ^2/NDF : 123143.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.131+/-0.002 χ^2/NDF : 271547.4/27

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: 93.536+/-91.952 χ^2/NDF : 1.7/12

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

Right Out: 50.613+/-77.985 χ^2/NDF : 4.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

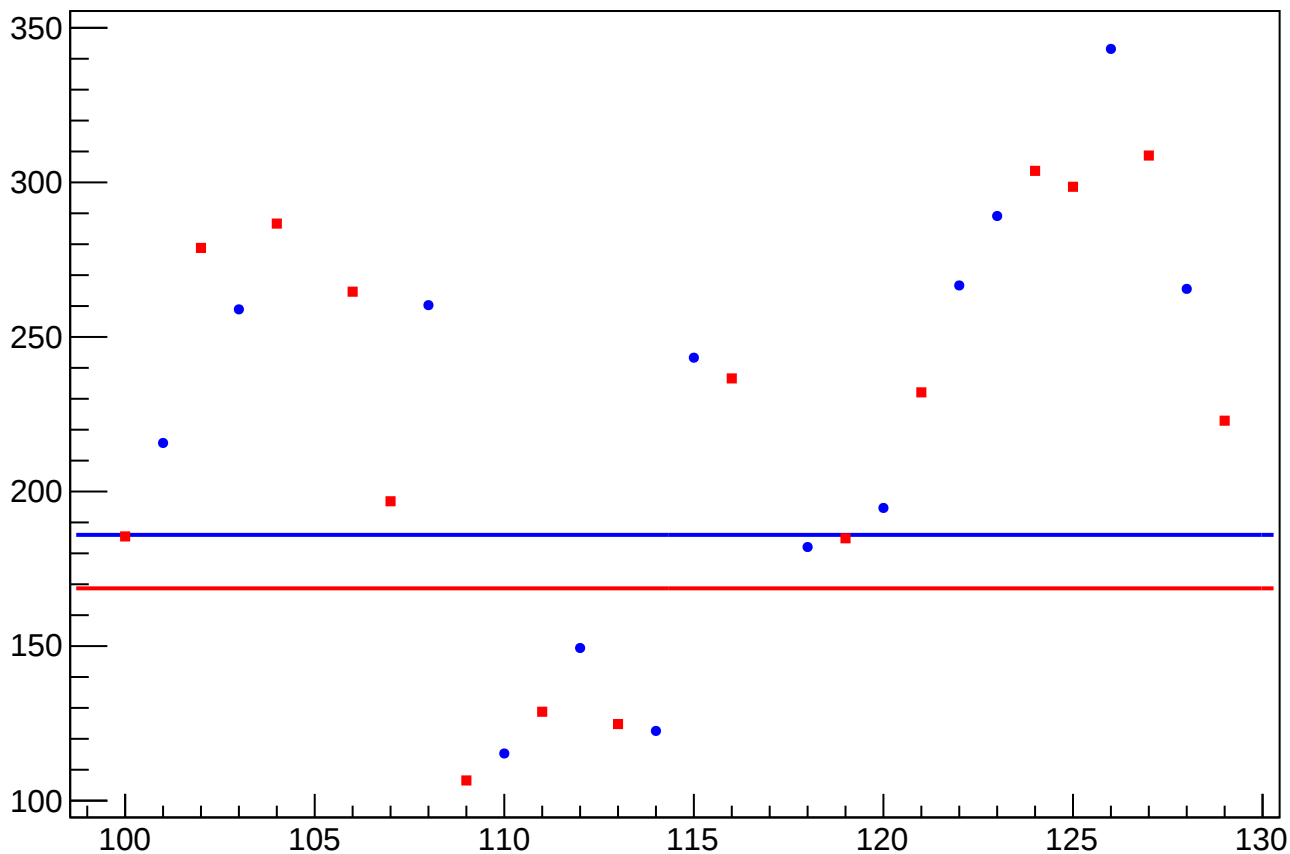
Right: 68.570+/-59.475 χ^2/NDF : 6.0/27

In: 93.536+/-91.952 χ^2/NDF : 1.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.570+/-59.475 χ^2/NDF : 6.0/27

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 185.980+/-0.065 χ^2/NDF : 870203.4/12

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

Right Out: 168.679+/-0.055 χ^2/NDF : 1414549.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

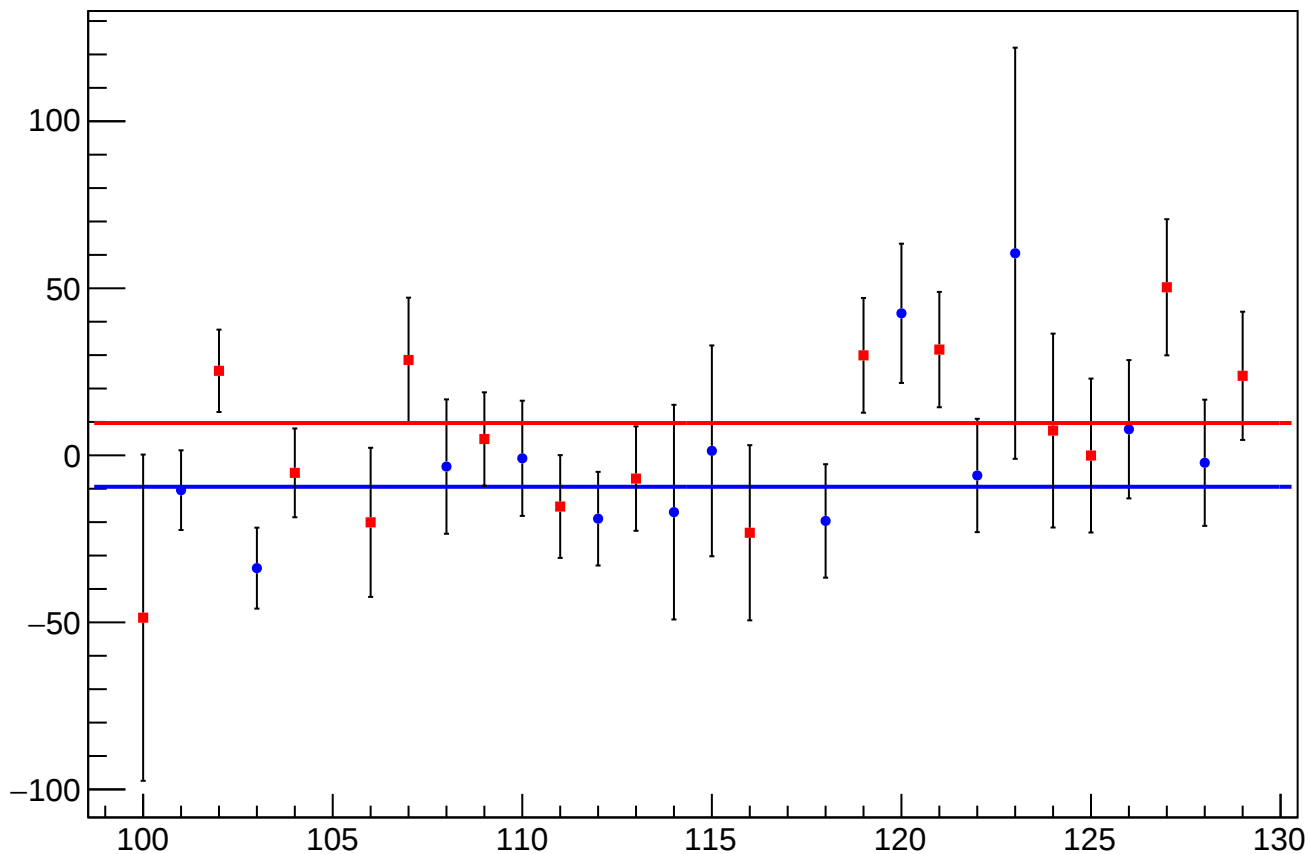
Right: 175.917+/-0.042 χ^2/NDF : 2325934.7/27

In: 185.980+/-0.065 χ^2/NDF : 870203.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.917+/-0.042 χ^2/NDF : 2325934.7/27

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -9.409 $\pm$ 4.916 χ^2 /NDF: 13.8/12

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

Right Out: 9.675 $\pm$ 4.594 χ^2 /NDF: 20.3/14

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

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

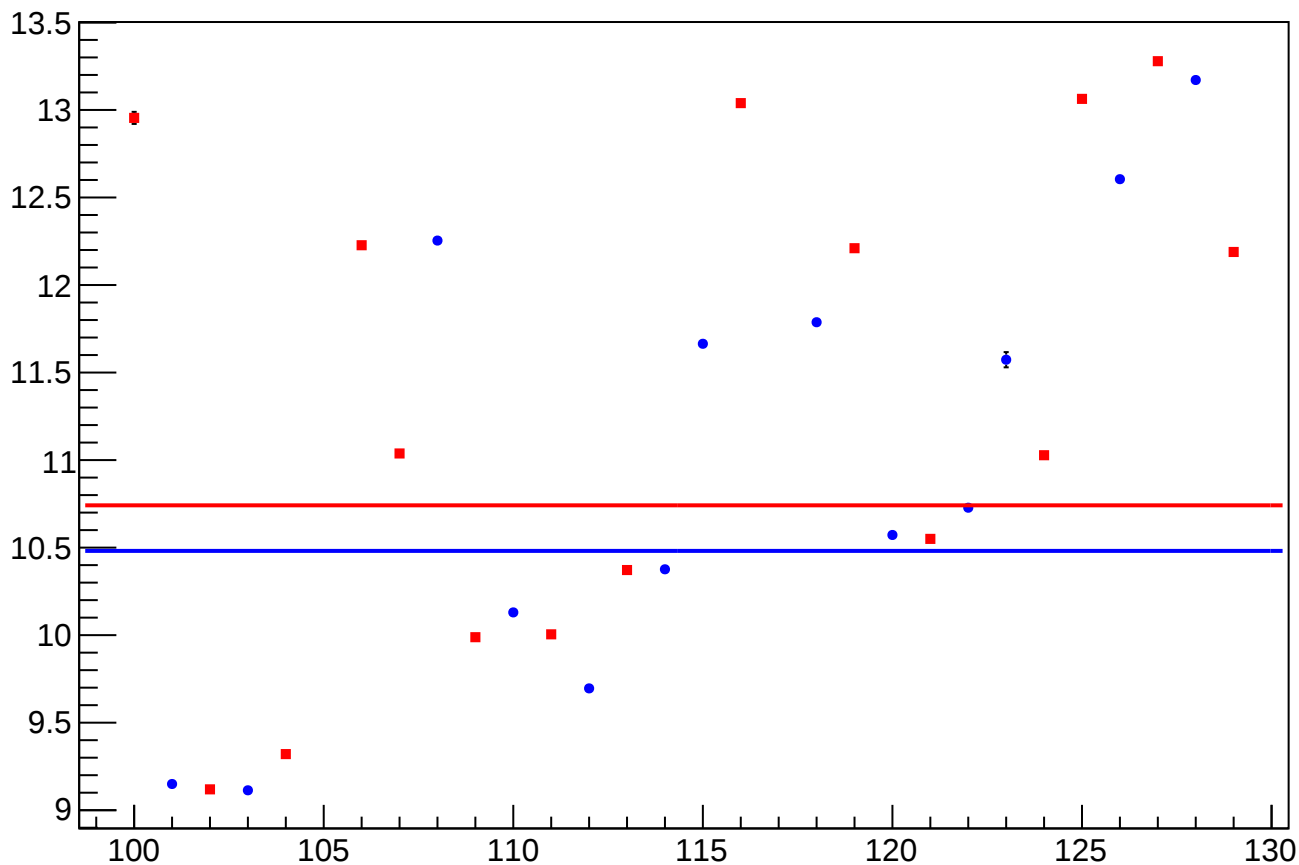
Right: 0.778 $\pm$ 3.357 χ^2 /NDF: 42.1/27

In: -9.409 $\pm$ 4.916 χ^2 /NDF:13.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.778 $\pm$ 3.357 χ^2 /NDF: 42.1/27

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.481+/-0.003 χ^2/NDF : 150400.5/12

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

Right Out: 10.742+/-0.003 χ^2/NDF : 175614.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

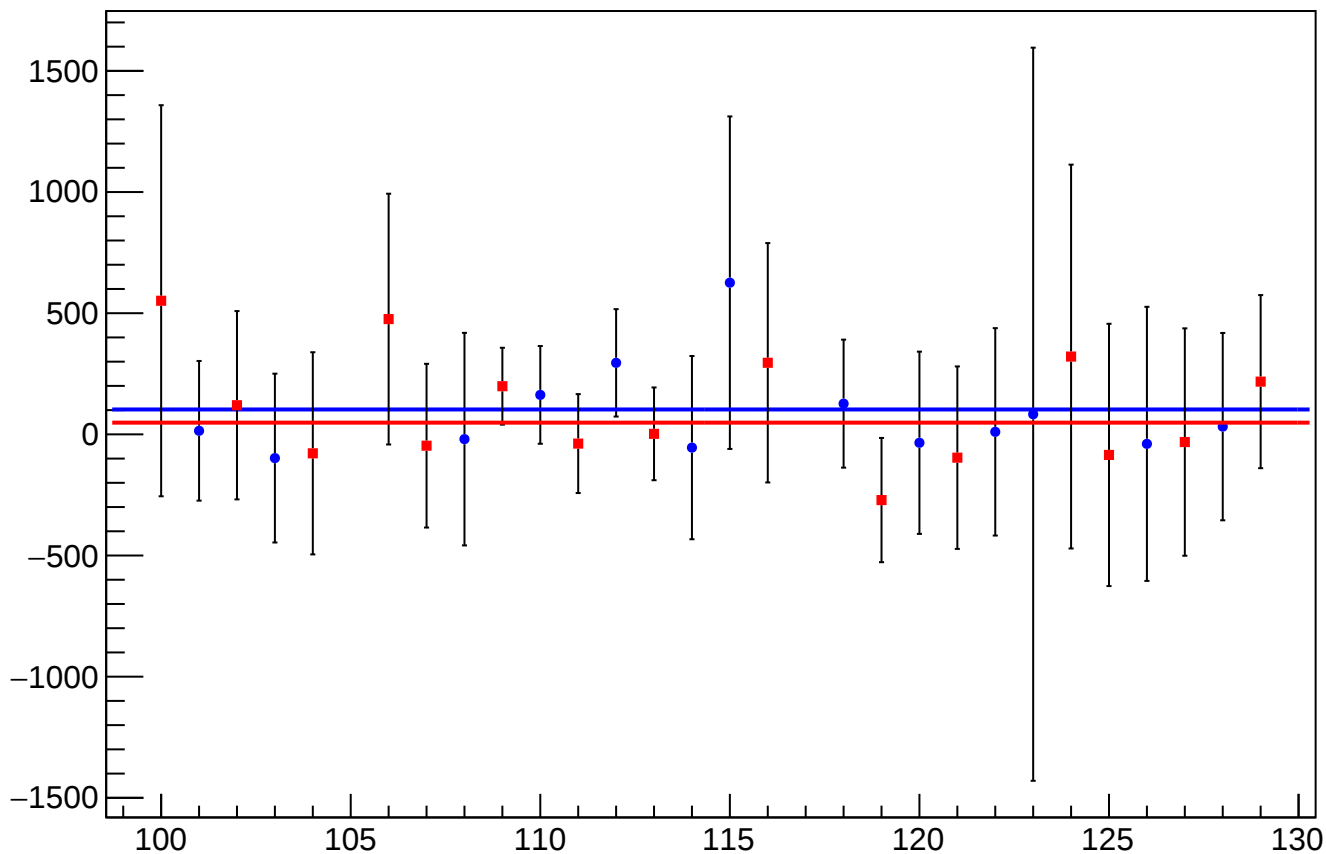
Right: 10.620+/-0.002 χ^2/NDF : 329008.3/27

In: 10.481+/-0.003 χ^2/NDF : 150400.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.620+/-0.002 χ^2/NDF : 329008.3/27

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 102.696 $\pm$ 92.585 χ^2 /NDF: 2.4/12

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

Right Out: 48.331 $\pm$ 78.762 χ^2 /NDF: 4.8/14

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

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

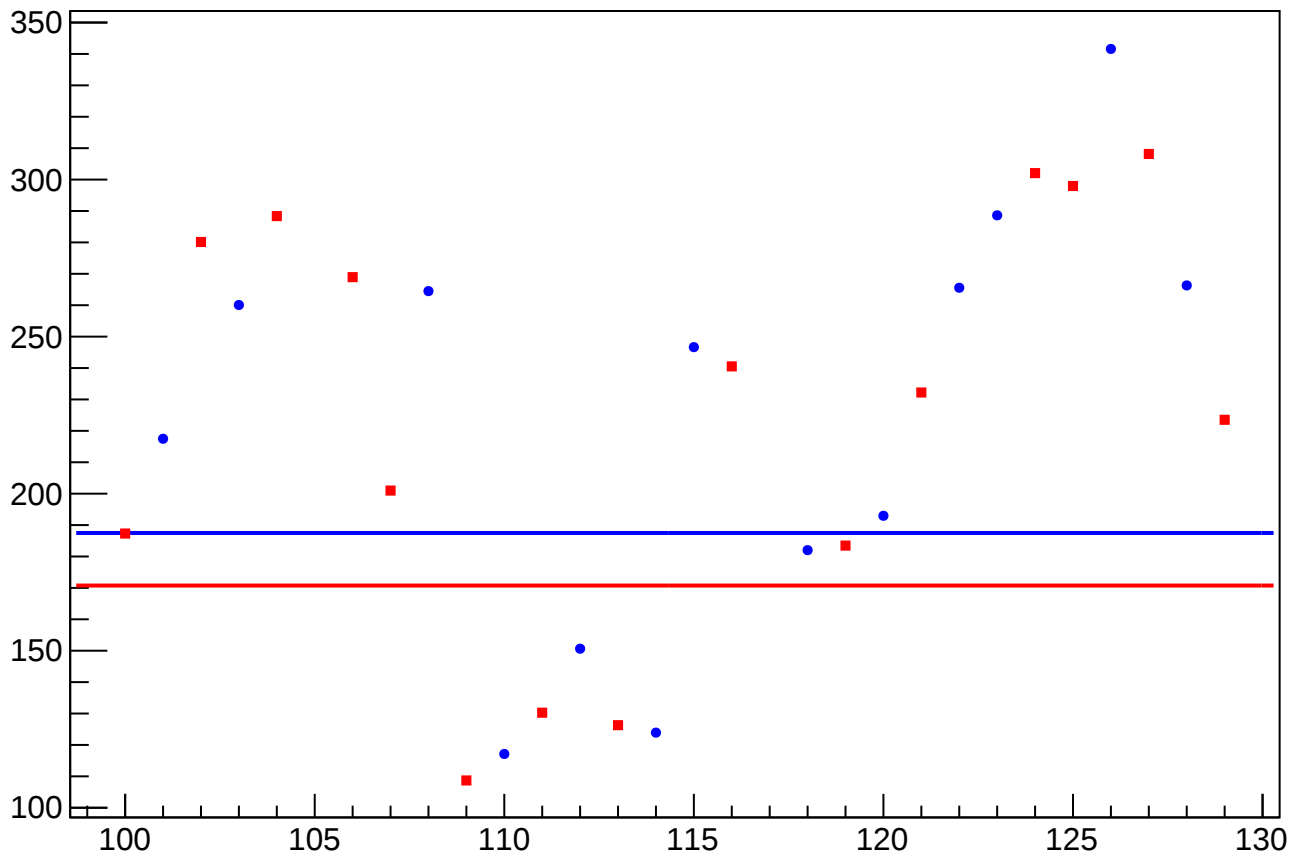
Right: 71.156 $\pm$ 59.991 χ^2 /NDF: 7.4/27

In: 102.696 $\pm$ 92.585 χ^2 /NDF: 2.4/12

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

All: 71.156 $\pm$ 59.991 χ^2 /NDF: 7.4/27

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 187.487+/-0.065 χ^2/NDF : 848748.9/12

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

Right Out: 170.751+/-0.056 χ^2/NDF : 1377845.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

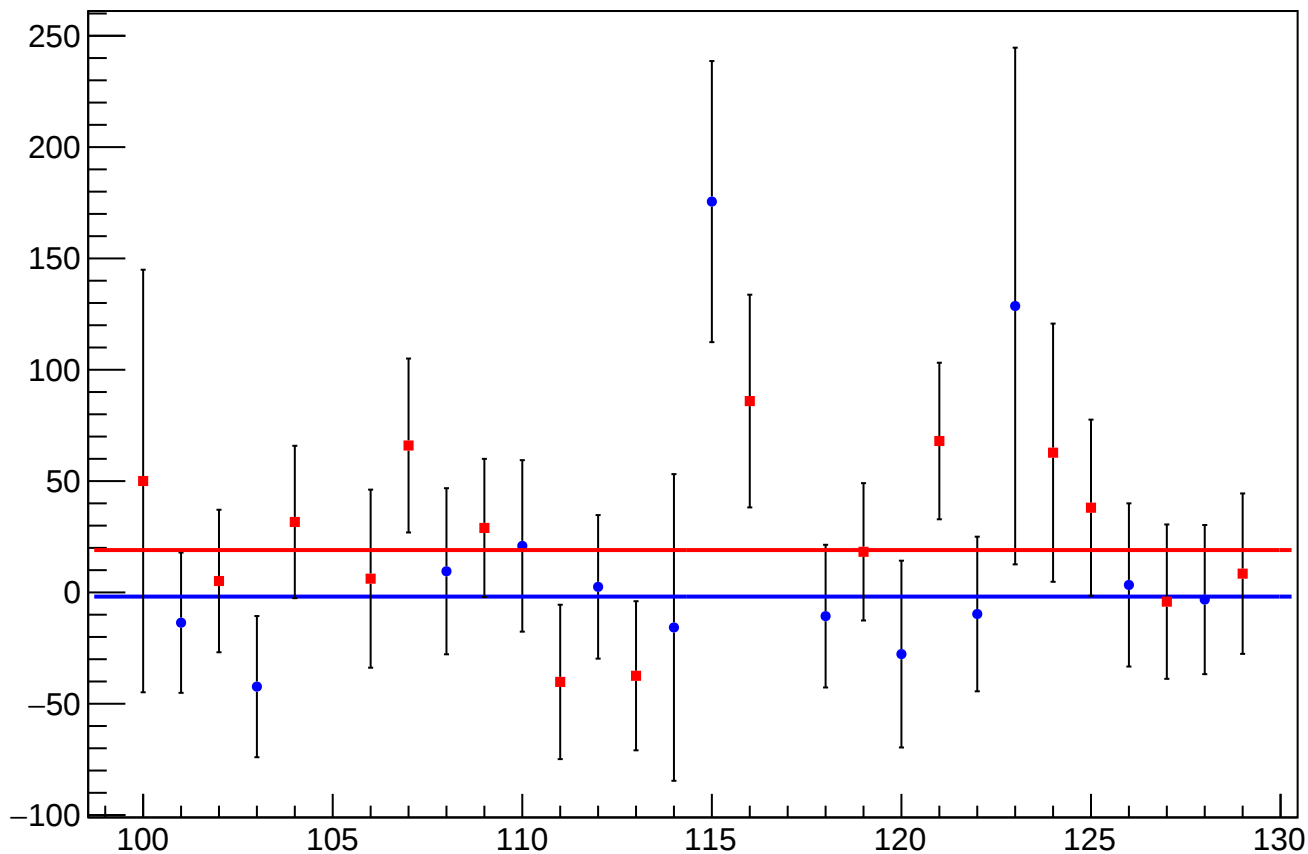
Right: 177.777+/-0.042 χ^2/NDF : 2264510.1/27

In: 187.487+/-0.065 χ^2/NDF : 848748.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.777+/-0.042 χ^2/NDF : 2264510.1/27

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -1.875 ± 10.599 $\chi^2/\text{NDF}: 12.0/12$

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

Right Out: 19.020 ± 9.612 $\chi^2/\text{NDF}: 13.1/14$

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

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

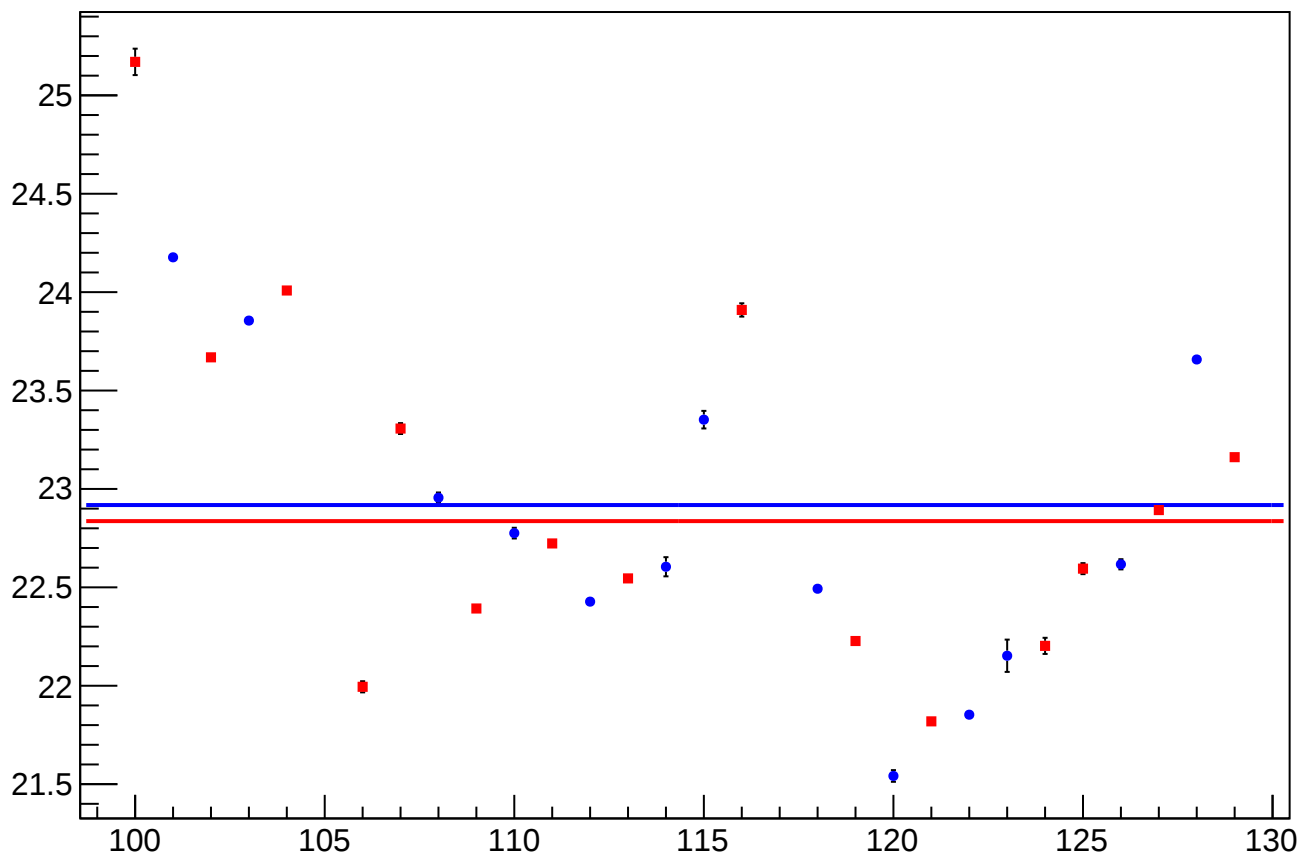
Right: 9.591 ± 7.120 $\chi^2/\text{NDF}: 27.2/27$

In: -1.875 ± 10.599 $\chi^2/\text{NDF}: 12.0/12$

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

All: 9.591 ± 7.120 $\chi^2/\text{NDF}: 27.2/27$

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.918+/-0.007 χ^2/NDF : 11155.6/12

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

Right Out: 22.837+/-0.007 χ^2/NDF : 10613.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

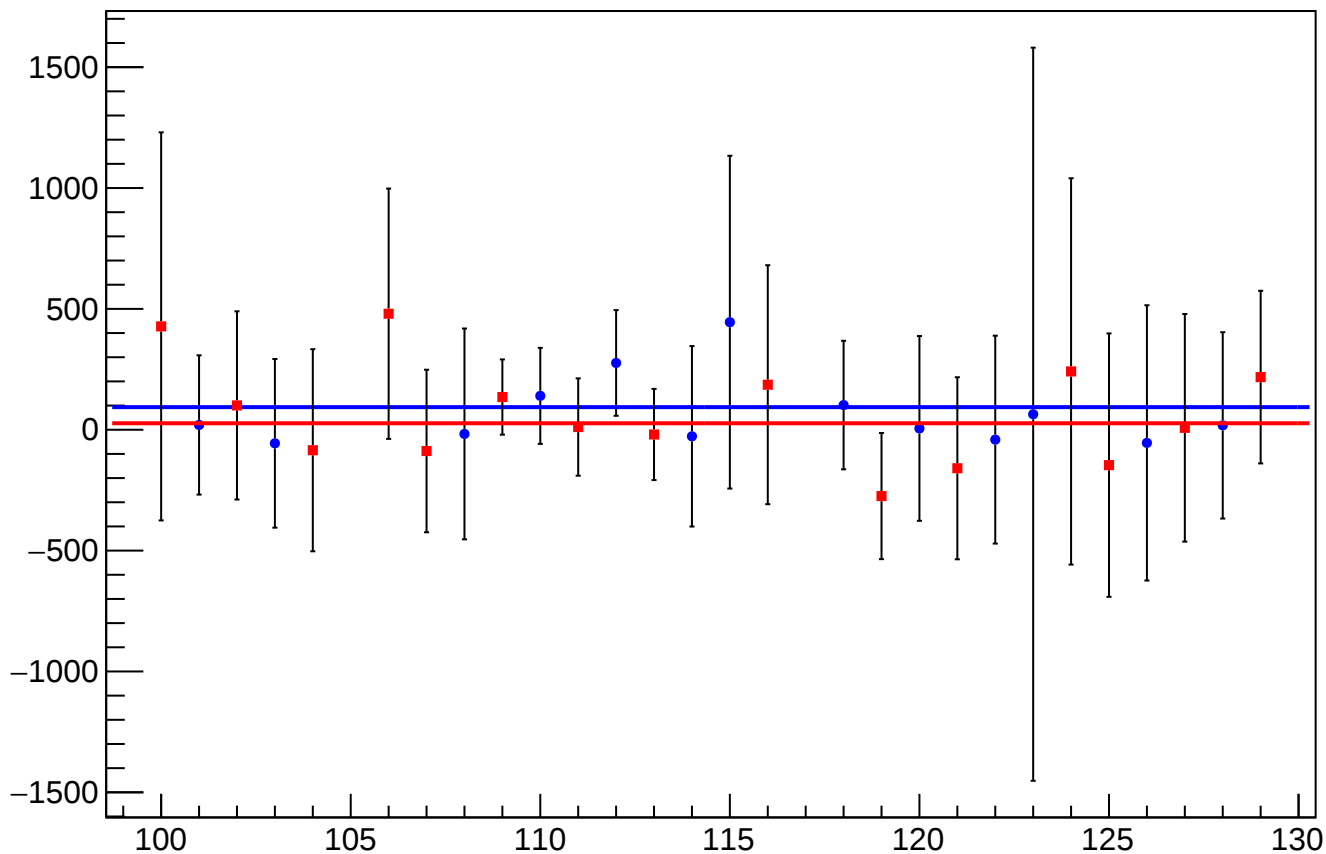
Right: 22.873+/-0.005 χ^2/NDF : 21834.7/27

In: 22.918+/-0.007 χ^2/NDF :11155.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.873+/-0.005 χ^2/NDF : 21834.7/27

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 93.506 $\pm$ 92.168 χ^2 /NDF: 1.7/12

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

Right Out: 26.897 $\pm$ 78.181 χ^2 /NDF: 3.9/14

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

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

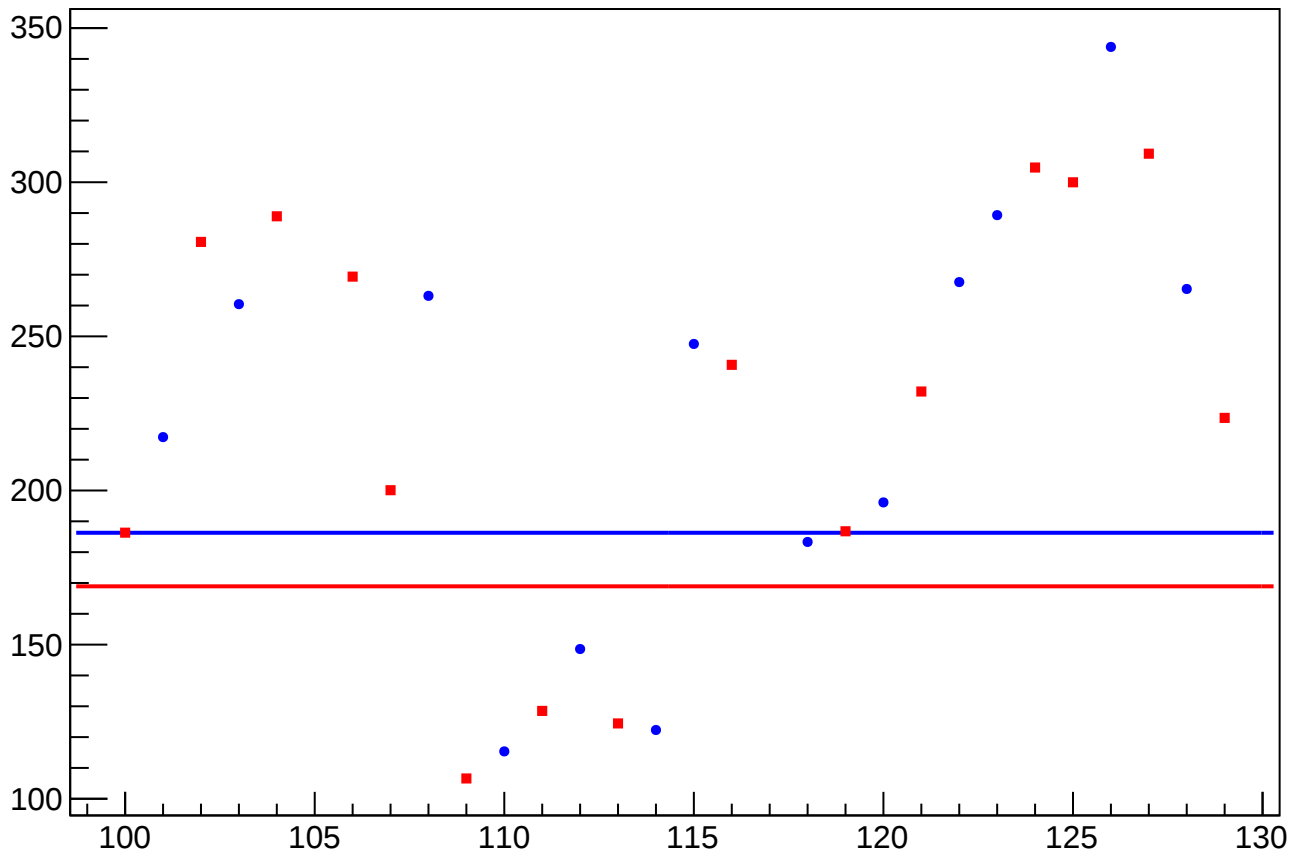
Right: 54.769 $\pm$ 59.621 χ^2 /NDF: 5.9/27

In: 93.506 $\pm$ 92.168 χ^2 /NDF:1.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 54.769 $\pm$ 59.621 χ^2 /NDF: 5.9/27

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 186.287+/-0.065 χ^2/NDF : 884445.6/12

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

Right Out: 168.913+/-0.055 χ^2/NDF : 1441421.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

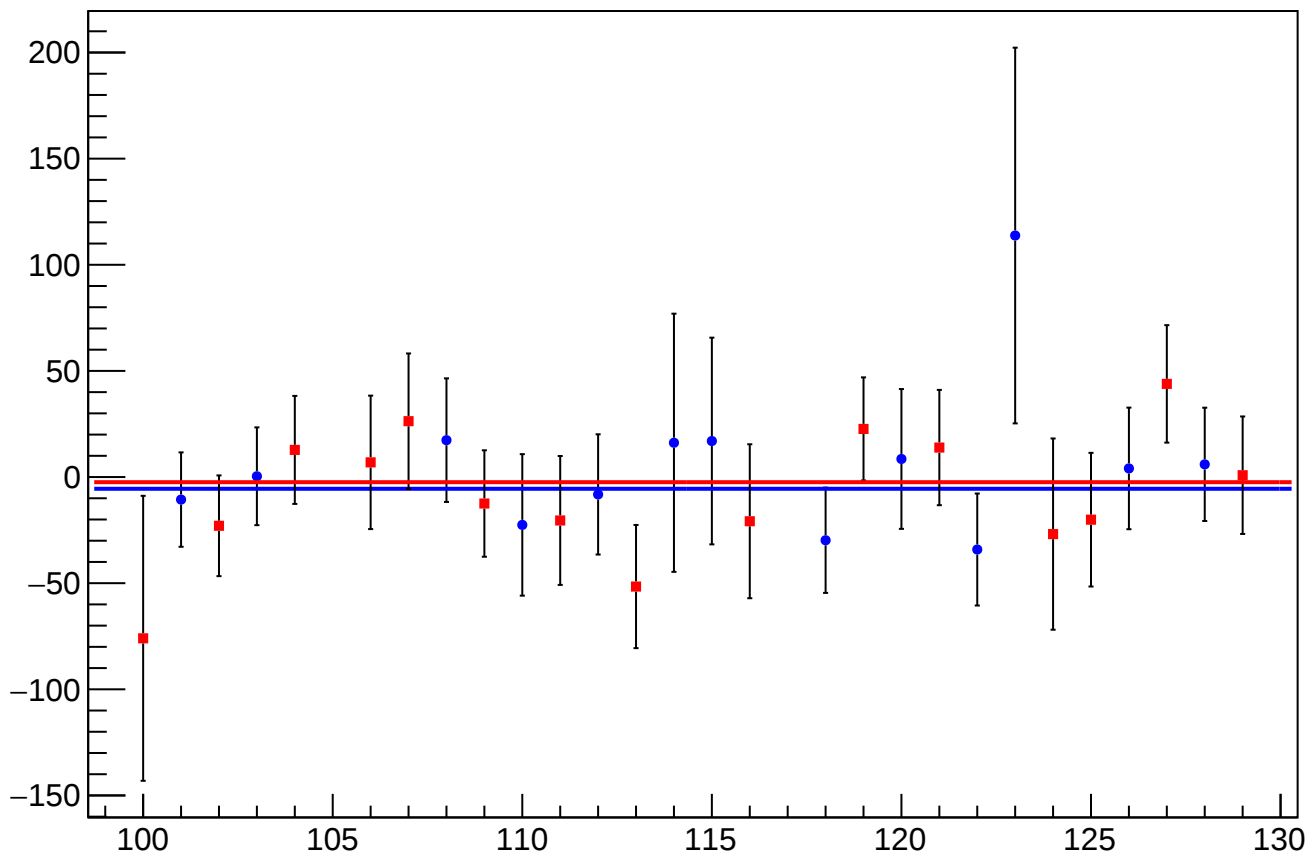
Right: 176.183+/-0.042 χ^2/NDF : 2367196.5/27

In: 186.287+/-0.065 χ^2/NDF : 884445.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.183+/-0.042 χ^2/NDF : 2367196.5/27

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.523+/-8.259 χ^2/NDF : 5.8/12

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

Right Out: -2.425+/-7.597 χ^2/NDF : 11.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

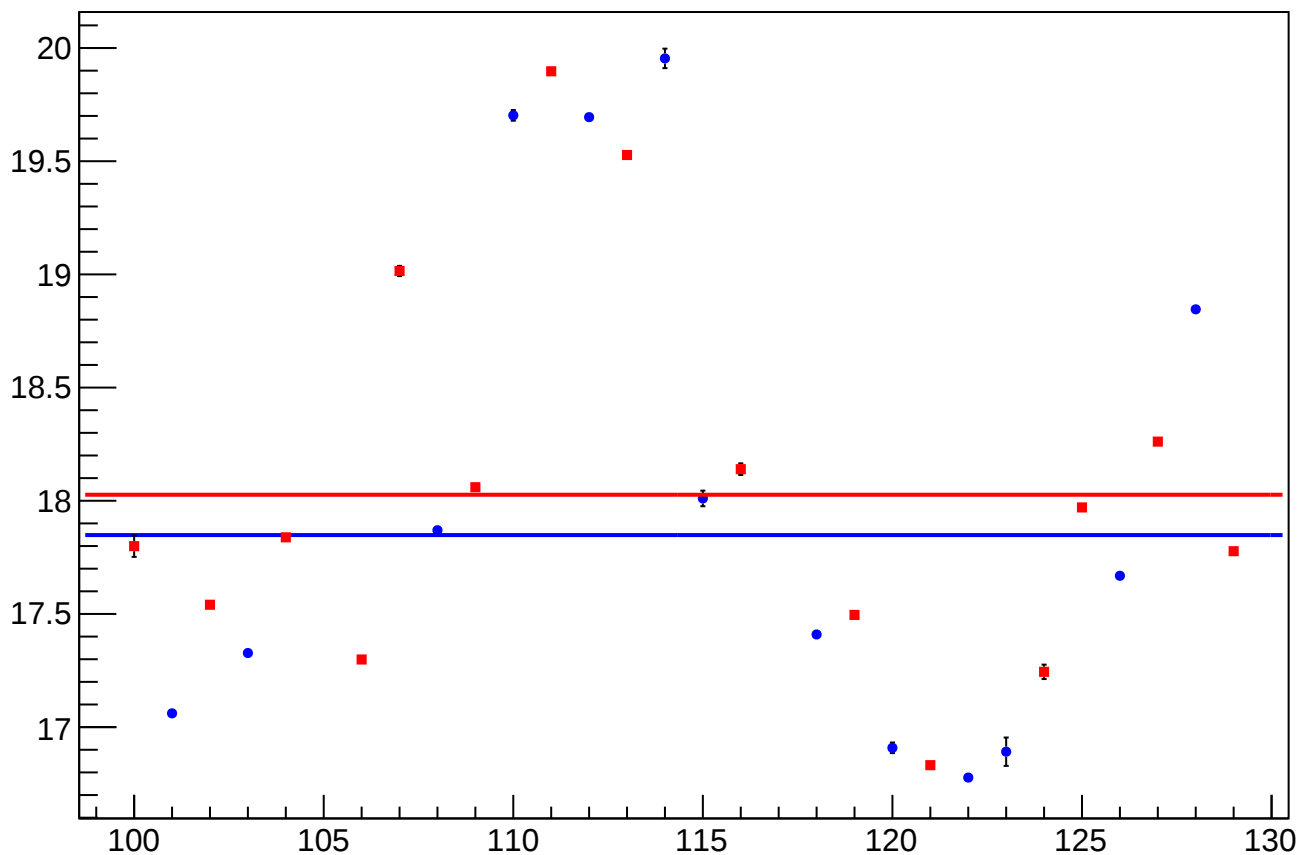
Right: -3.845+/-5.591 χ^2/NDF : 17.6/27

In: -5.523+/-8.259 χ^2/NDF : 5.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.845+/-5.591 χ^2/NDF : 17.6/27

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.848+/-0.006 χ^2/NDF : 29299.5/12

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

Right Out: 18.027+/-0.005 χ^2/NDF : 22669.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

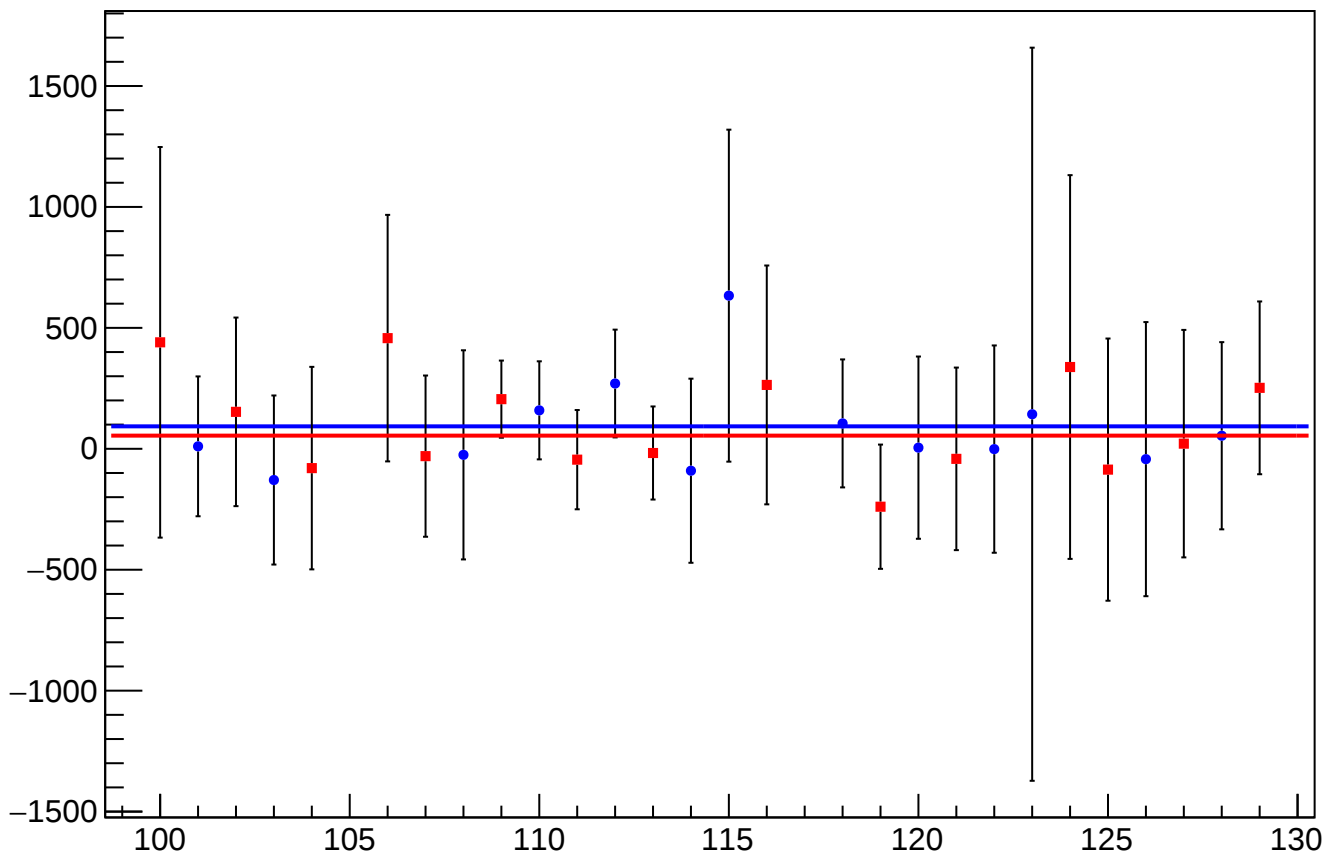
Right: 17.945+/-0.004 χ^2/NDF : 52473.8/27

In: 17.848+/-0.006 χ^2/NDF :29299.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 17.945+/-0.004 χ^2/NDF : 52473.8/27

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 92.846+/-92.844 χ^2/NDF : 2.3/12

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

Right Out: 54.443+/-78.962 χ^2/NDF : 4.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

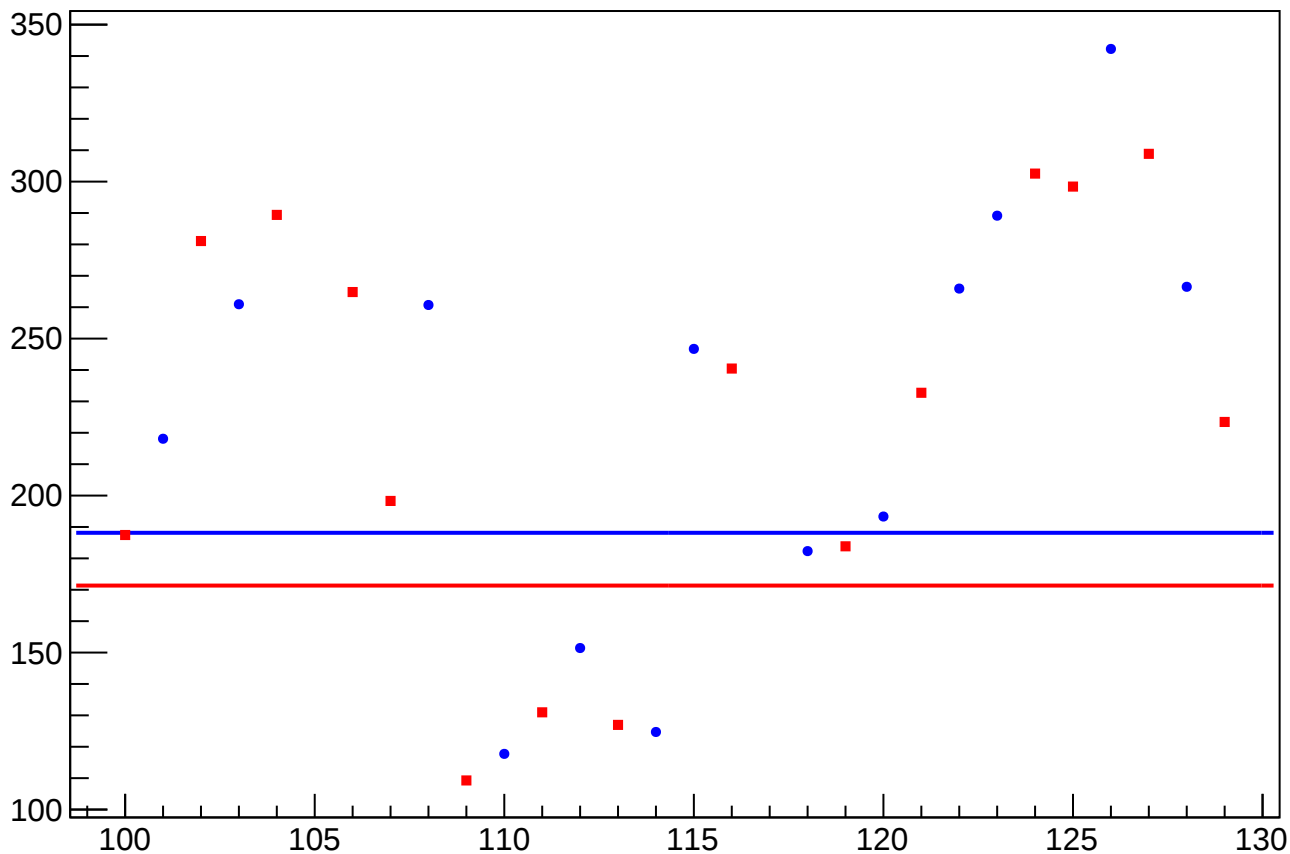
Right: 70.561+/-60.150 χ^2/NDF : 6.8/27

In: 92.846+/-92.844 χ^2/NDF : 2.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.561+/-60.150 χ^2/NDF : 6.8/27

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 188.147+/-0.066 χ^2/NDF : 836294.1/12

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

Right Out: 171.338+/-0.056 χ^2/NDF : 1360603.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

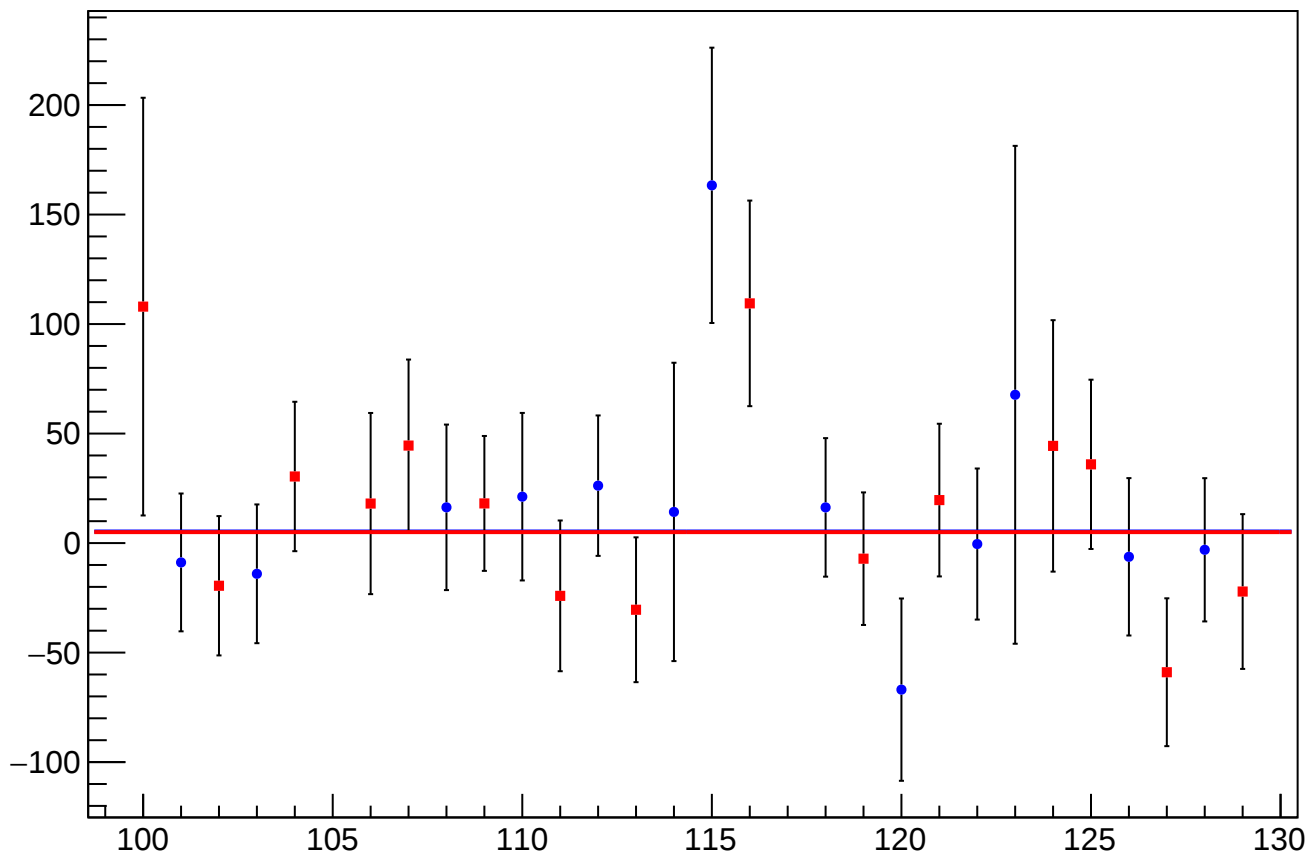
Right: 178.393+/-0.043 χ^2/NDF : 2234936.6/27

In: 188.147+/-0.066 χ^2/NDF : 836294.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.393+/-0.043 χ^2/NDF : 2234936.6/27

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 5.283+/-10.519 χ^2/NDF : 11.2/12

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

Right Out: 5.003+/-9.524 χ^2/NDF : 16.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

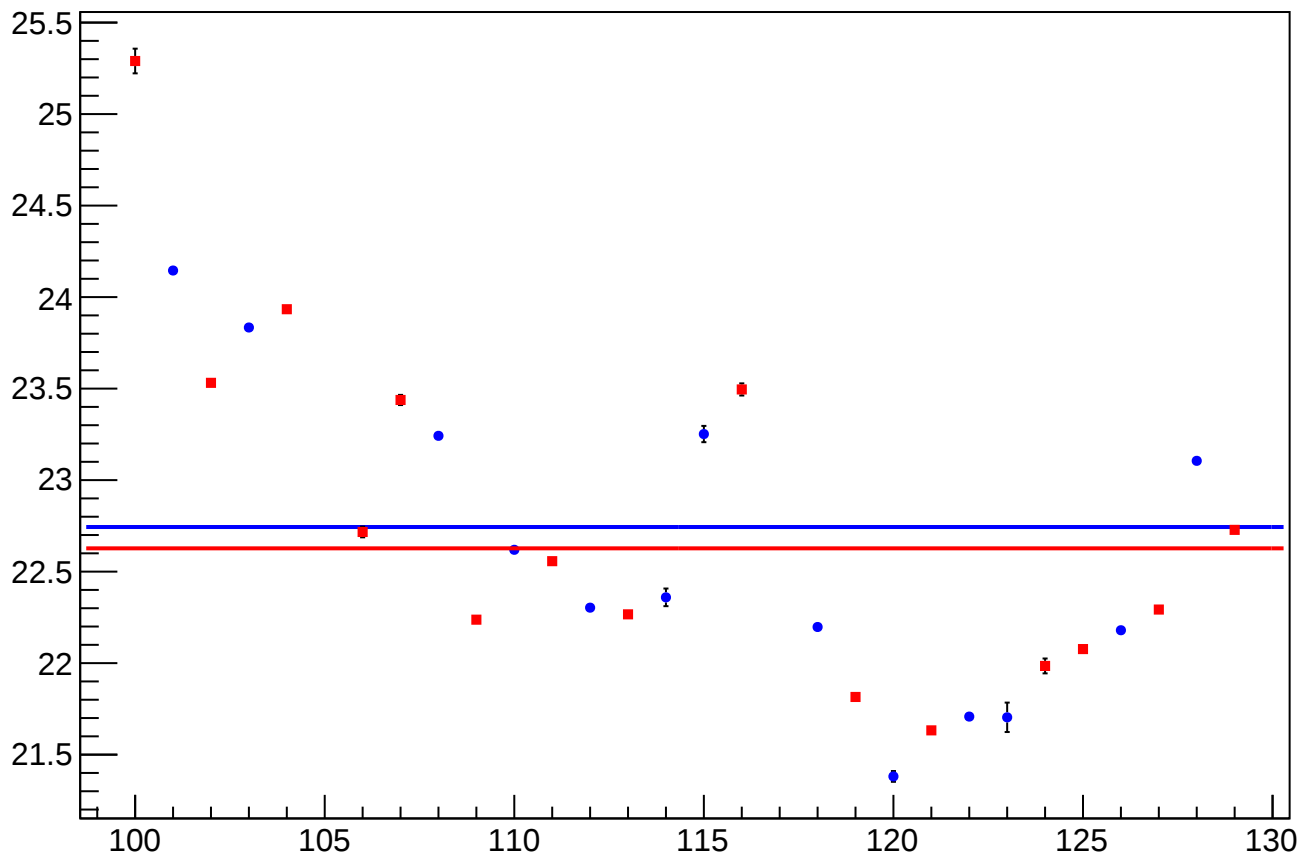
Right: 5.129+/-7.060 χ^2/NDF : 27.3/27

In: 5.283+/-10.519 χ^2/NDF : 11.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.129+/-7.060 χ^2/NDF : 27.3/27

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.744+/-0.007 χ^2/NDF : 12727.2/12

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

Right Out: 22.627+/-0.007 χ^2/NDF : 12160.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

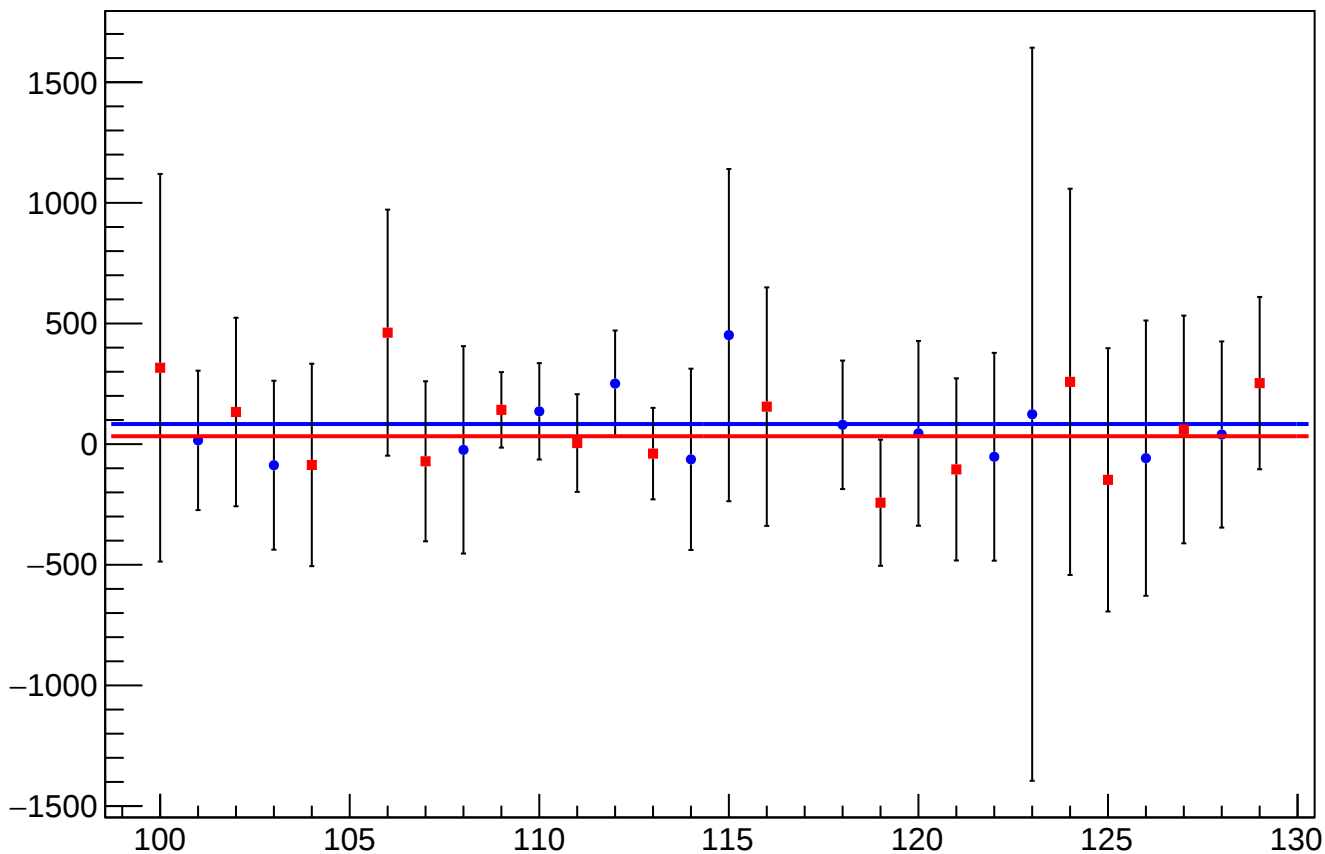
Right: 22.680+/-0.005 χ^2/NDF : 25022.8/27

In: 22.744+/-0.007 χ^2/NDF :12727.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.680+/-0.005 χ^2/NDF : 25022.8/27

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 83.338+/-92.430 χ^2/NDF : 1.6/12

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

Right Out: 32.785+/-78.387 χ^2/NDF : 3.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

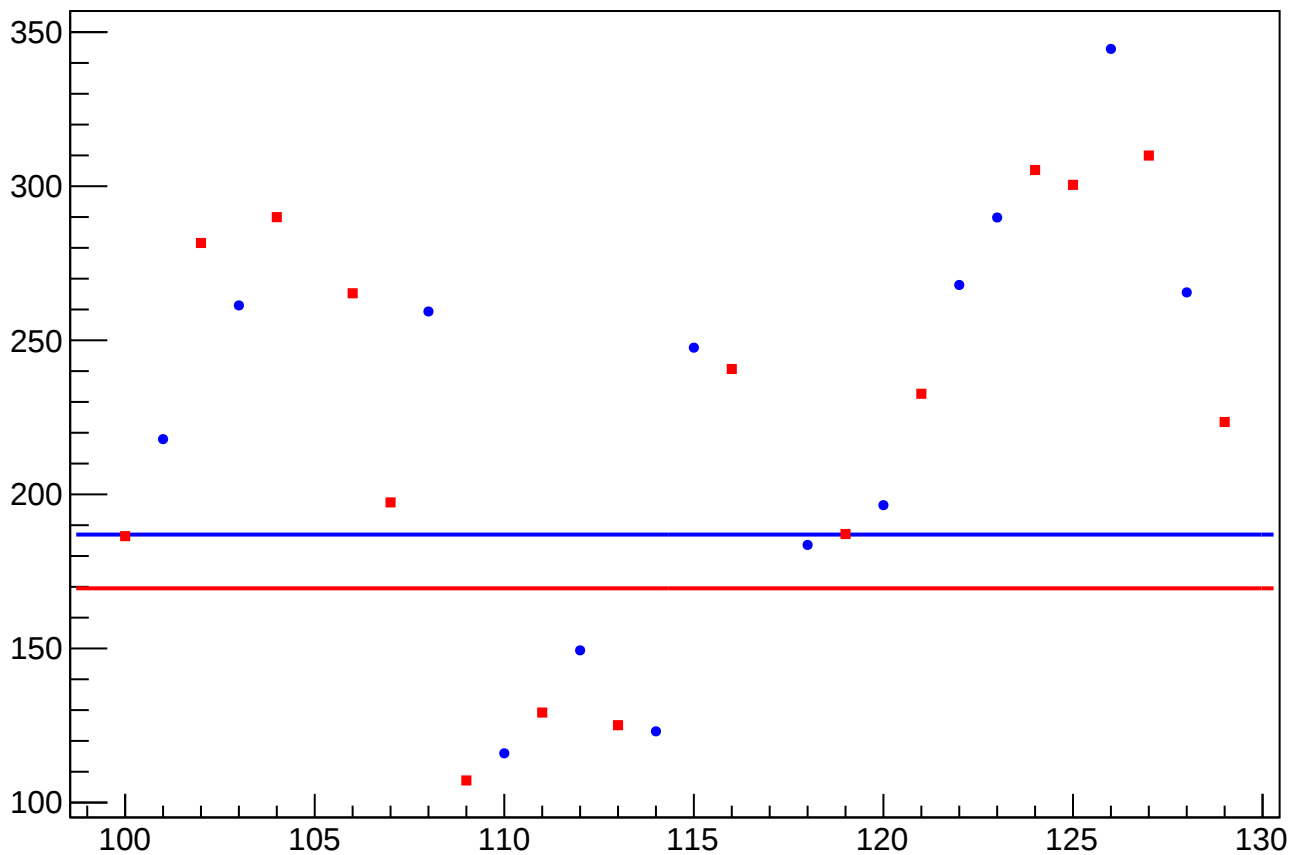
Right: 53.933+/-59.783 χ^2/NDF : 5.4/27

In: 83.338+/-92.430 χ^2/NDF : 1.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.933+/-59.783 χ^2/NDF : 5.4/27

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 186.959+/-0.065 χ^2/NDF : 871383.1/12

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

Right Out: 169.518+/-0.055 χ^2/NDF : 1423399.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

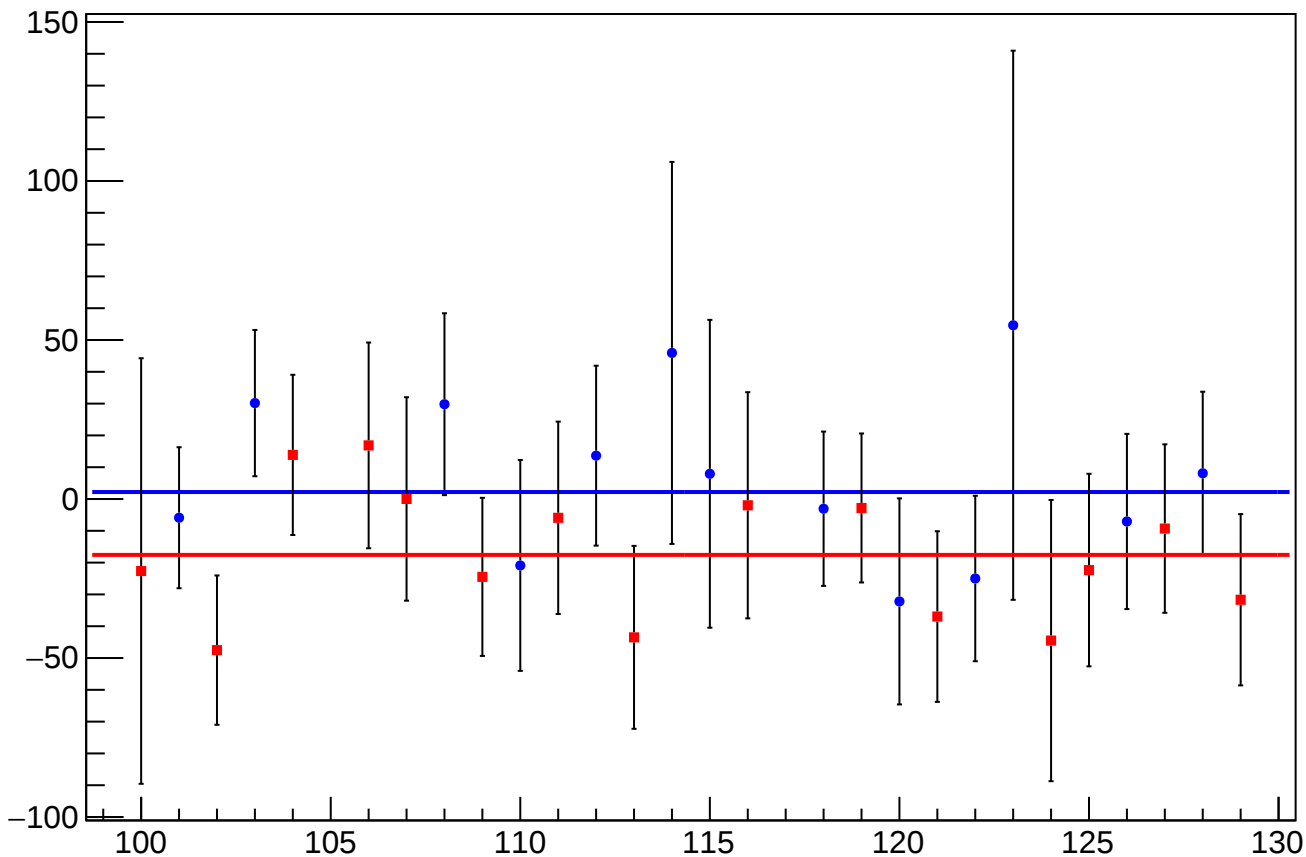
Right: 176.814+/-0.042 χ^2/NDF : 2336204.3/27

In: 186.959+/-0.065 χ^2/NDF : 871383.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.814+/-0.042 χ^2/NDF : 2336204.3/27

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 2.199+/-8.134 χ^2/NDF : 6.5/12

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

Right Out: -17.569+/-7.479 χ^2/NDF : 7.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

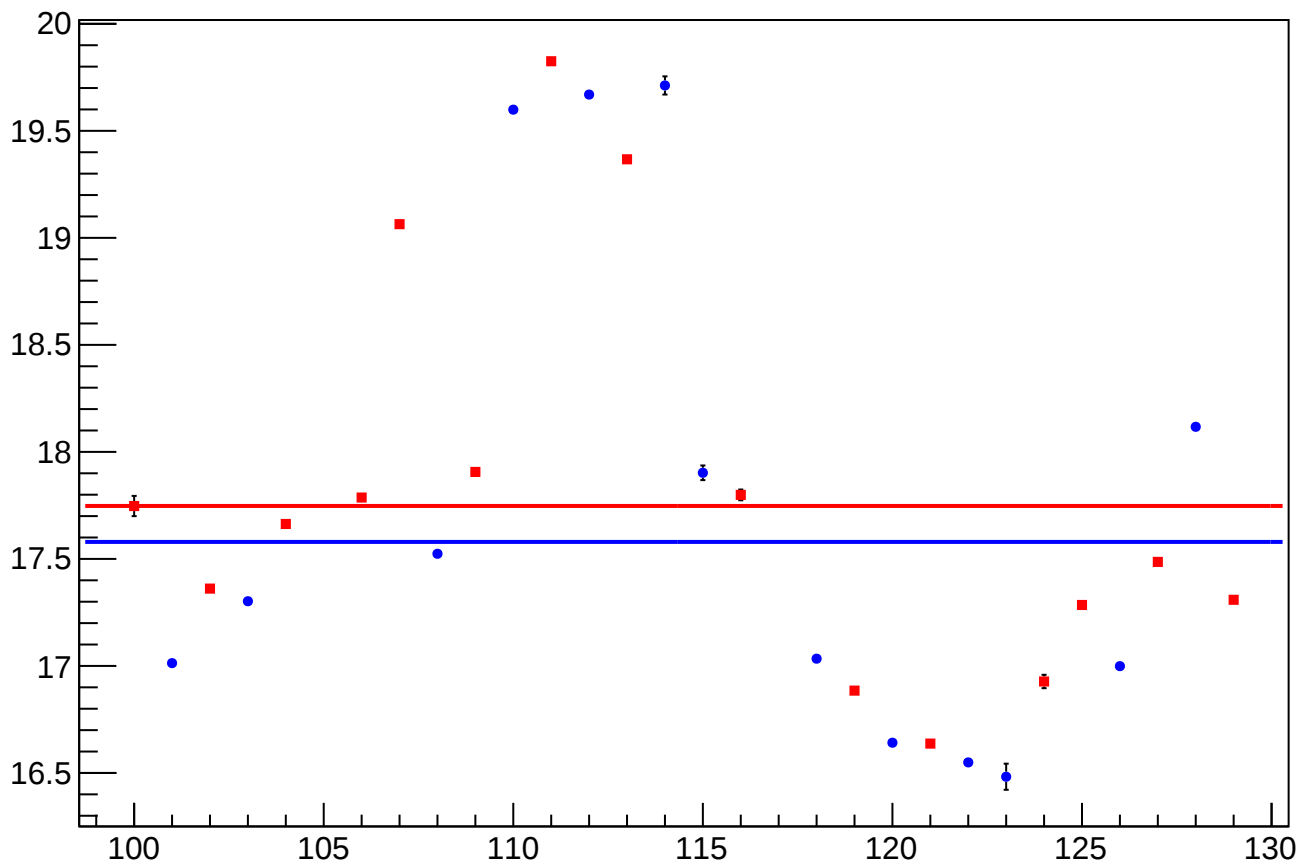
Right: -8.513+/-5.506 χ^2/NDF : 17.3/27

In: 2.199+/-8.134 χ^2/NDF : 6.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.513+/-5.506 χ^2/NDF : 17.3/27

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.579+/-0.006 χ^2/NDF : 30472.1/12

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

Right Out: 17.747+/-0.005 χ^2/NDF : 27835.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

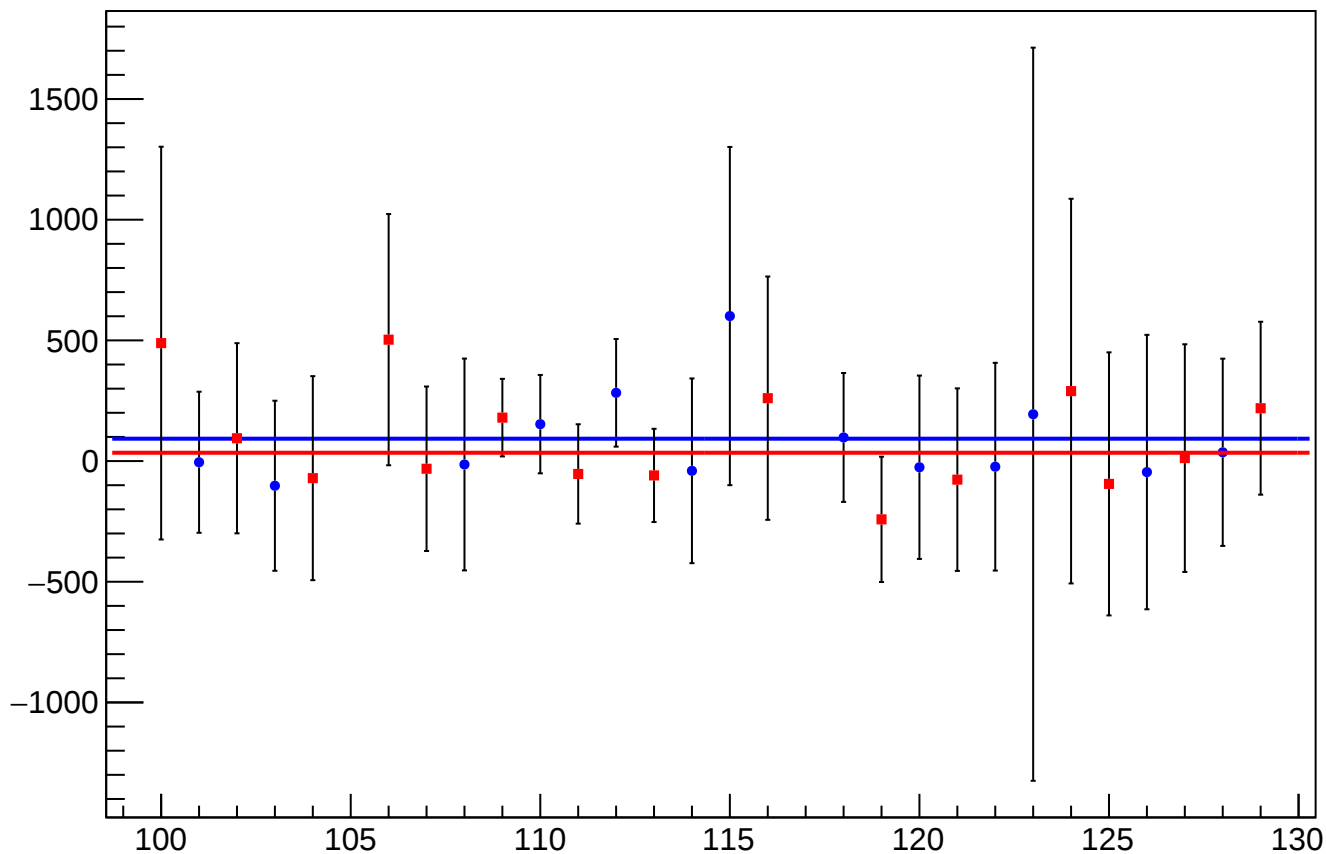
Right: 17.670+/-0.004 χ^2/NDF : 58770.0/27

In: 17.579+/-0.006 χ^2/NDF : 30472.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.670+/-0.004 χ^2/NDF : 58770.0/27

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 92.681+/-93.438 χ^2/NDF : 2.2/12

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

Right Out: 34.506+/-79.564 χ^2/NDF : 4.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

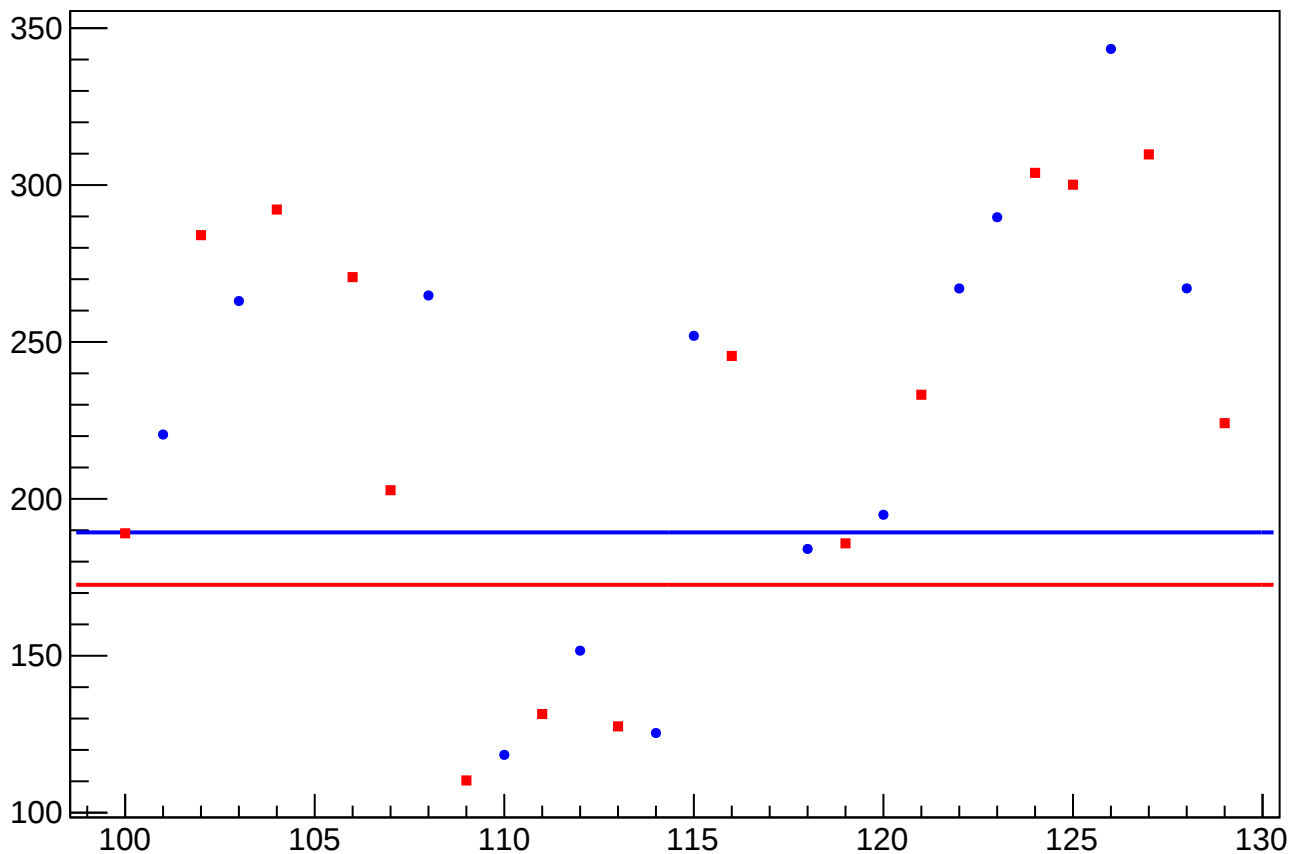
Right: 58.958+/-60.578 χ^2/NDF : 6.7/27

In: 92.681+/-93.438 χ^2/NDF : 2.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.958+/-60.578 χ^2/NDF : 6.7/27

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 189.313+/-0.066 χ^2/NDF : 842944.6/12

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

Right Out: 172.616+/-0.056 χ^2/NDF : 1370182.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

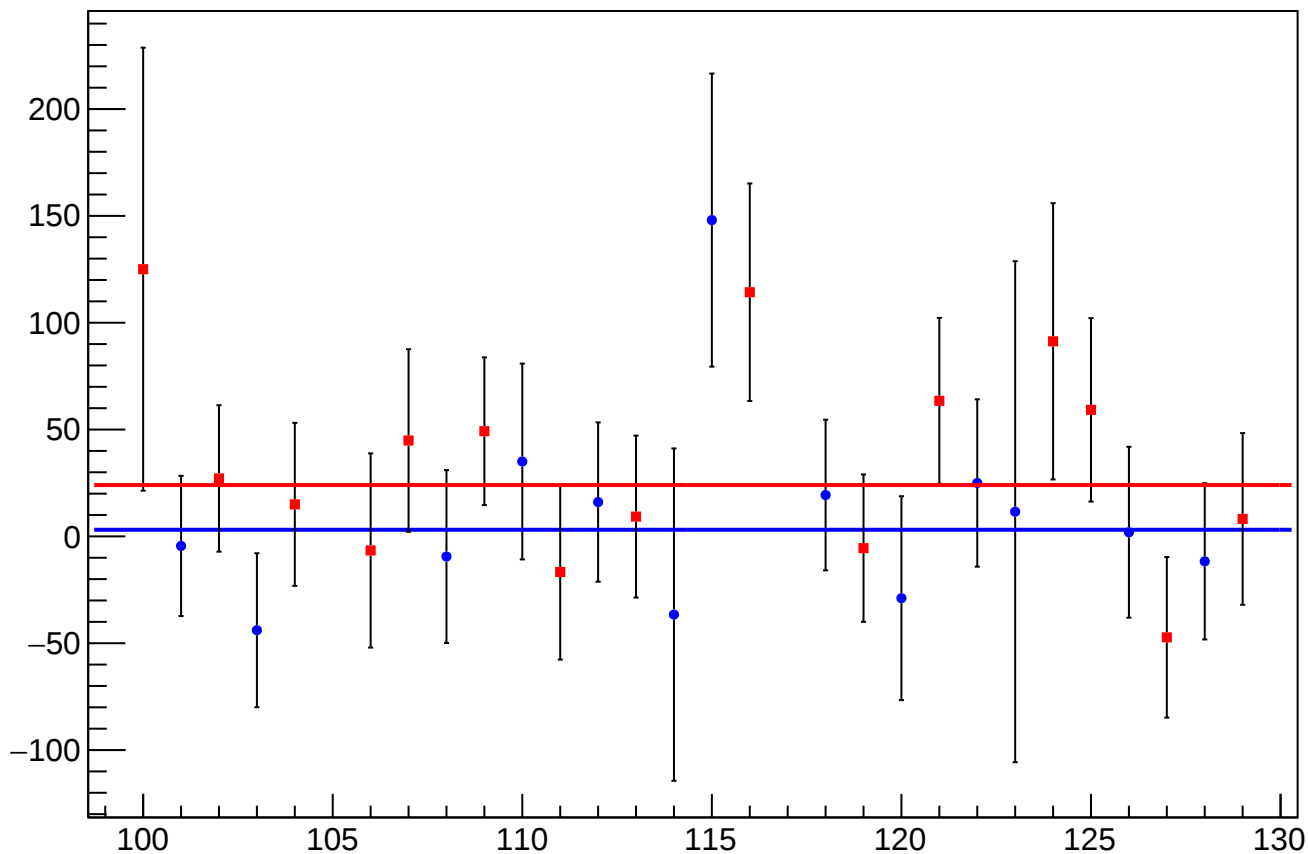
Right: 179.634+/-0.043 χ^2/NDF : 2250148.4/27

In: 189.313+/-0.066 χ^2/NDF :842944.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 179.634+/-0.043 χ^2/NDF : 2250148.4/27

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.097+/-11.763 χ^2/NDF : 8.3/12

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

Right Out: 24.029+/-10.666 χ^2/NDF : 13.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

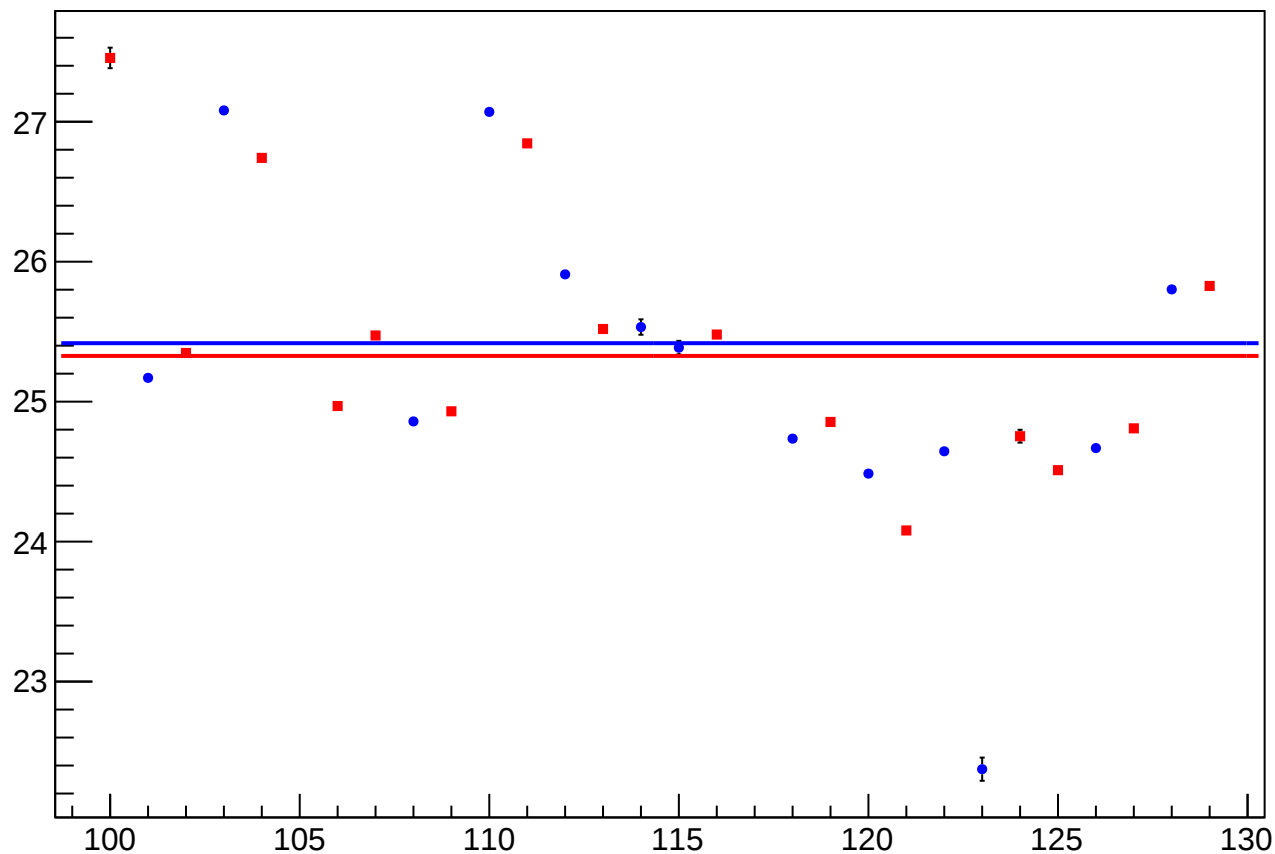
Right: 14.584+/-7.901 χ^2/NDF : 23.9/27

In: 3.097+/-11.763 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.584+/-7.901 χ^2/NDF : 23.9/27

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.418+/-0.008 χ^2/NDF : 12276.1/12

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

Right Out: 25.327+/-0.008 χ^2/NDF : 10827.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

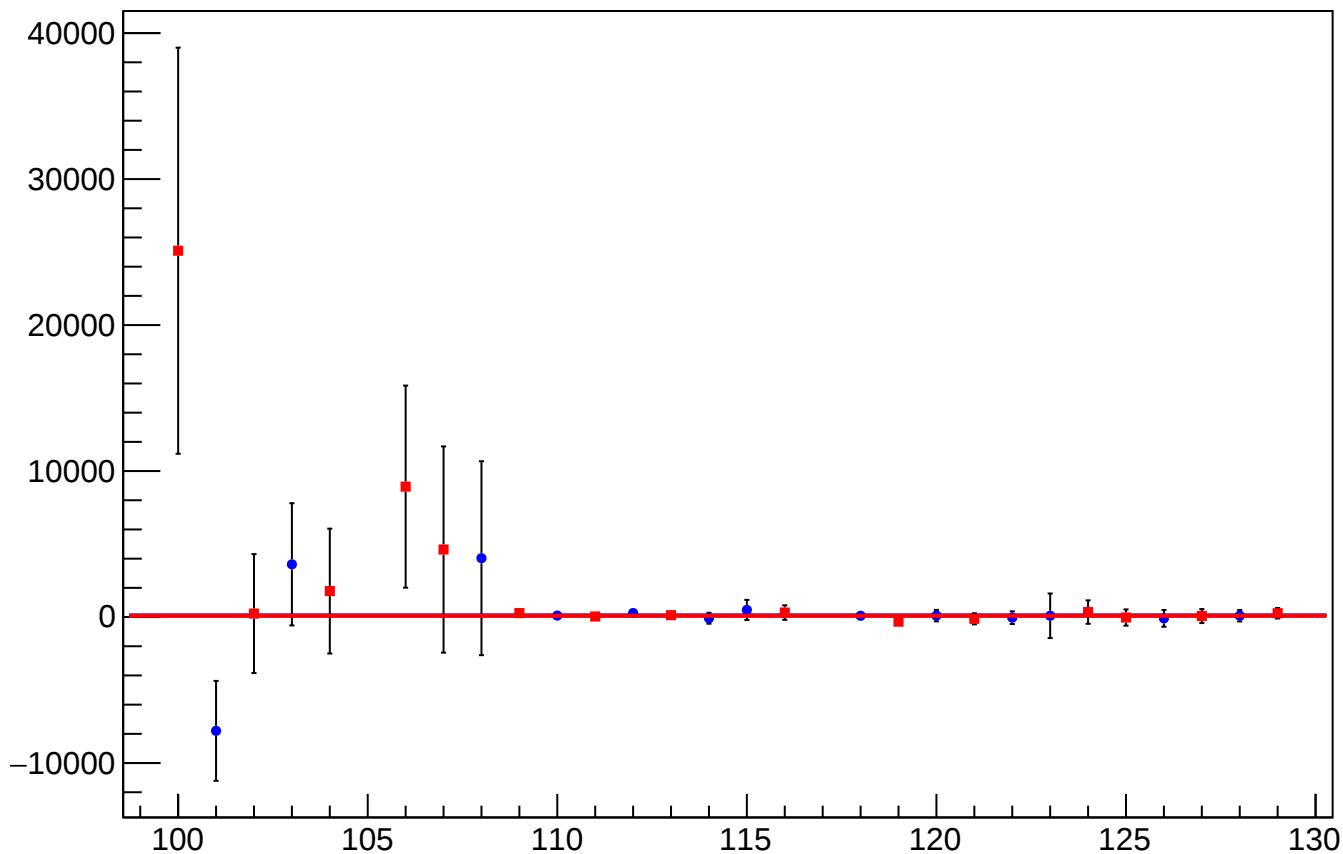
Right: 25.368+/-0.006 χ^2/NDF : 23168.7/27

In: 25.418+/-0.008 χ^2/NDF : 12276.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.368+/-0.006 χ^2/NDF : 23168.7/27

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 113.249+/-105.089 χ^2/NDF : 7.8/12

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

Right Out: 84.099+/-93.026 χ^2/NDF : 9.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

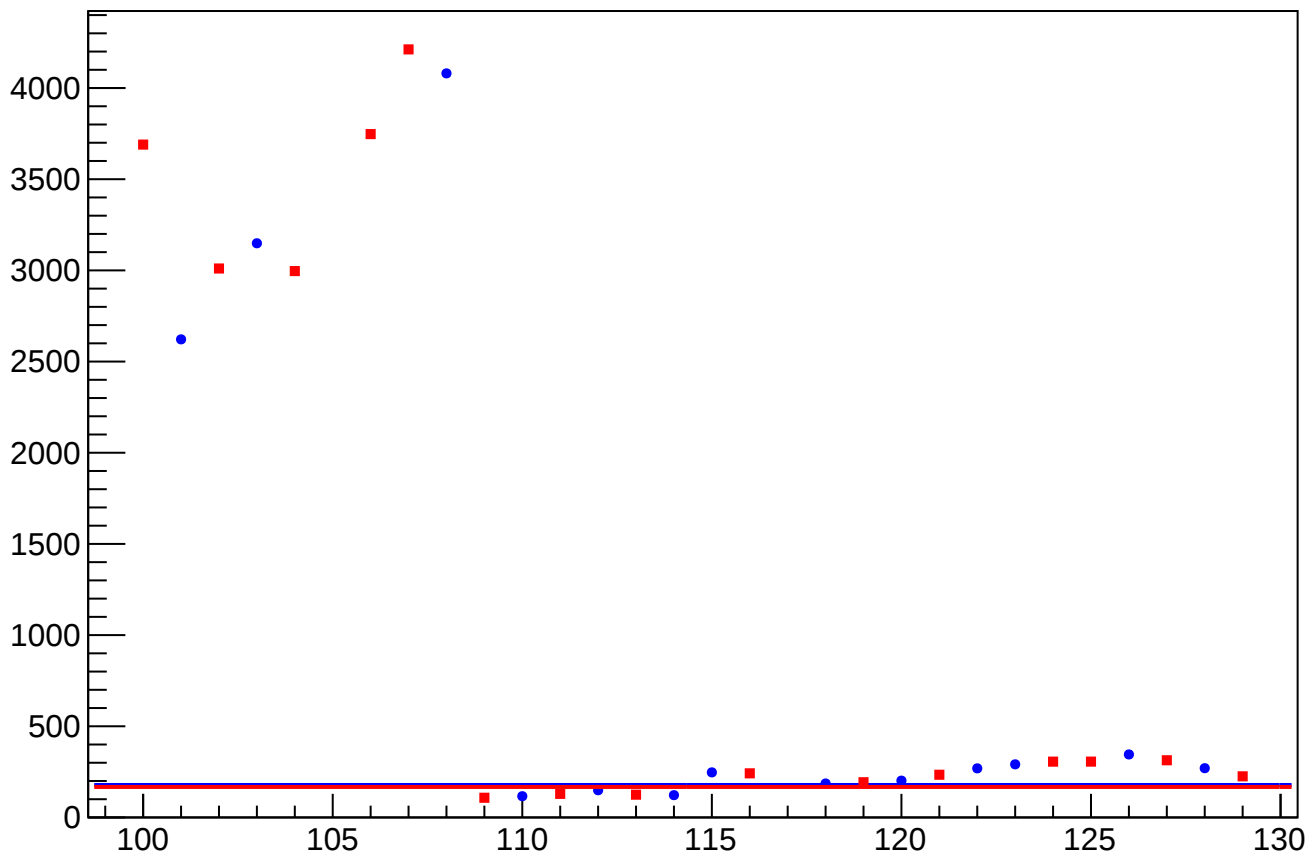
Right: 96.906+/-69.656 χ^2/NDF : 17.2/27

In: 113.249+/-105.089 χ^2/NDF : 7.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.906+/-69.656 χ^2/NDF : 17.2/27

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 178.062+/-0.074 χ^2/NDF : 3396224.2/12

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

Right Out: 167.238+/-0.066 χ^2/NDF : 4041074.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

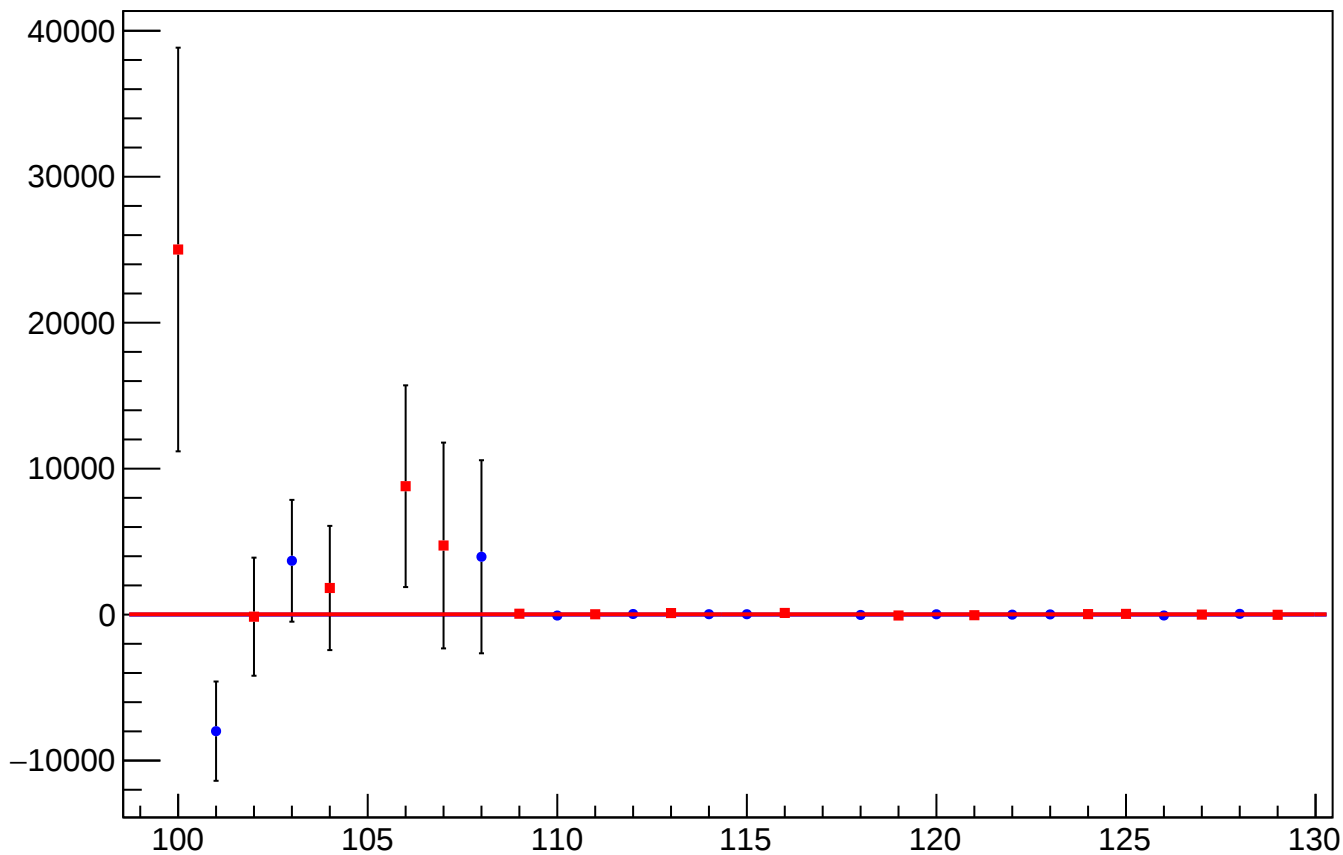
Right: 171.993+/-0.049 χ^2/NDF : 7449194.9/27

In: 178.062+/-0.074 χ^2/NDF :3396224.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 171.993+/-0.049 χ^2/NDF : 7449194.9/27

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -0.632+/-15.486 χ^2/NDF : 14.1/12

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

Right Out: 20.317+/-14.517 χ^2/NDF : 20.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

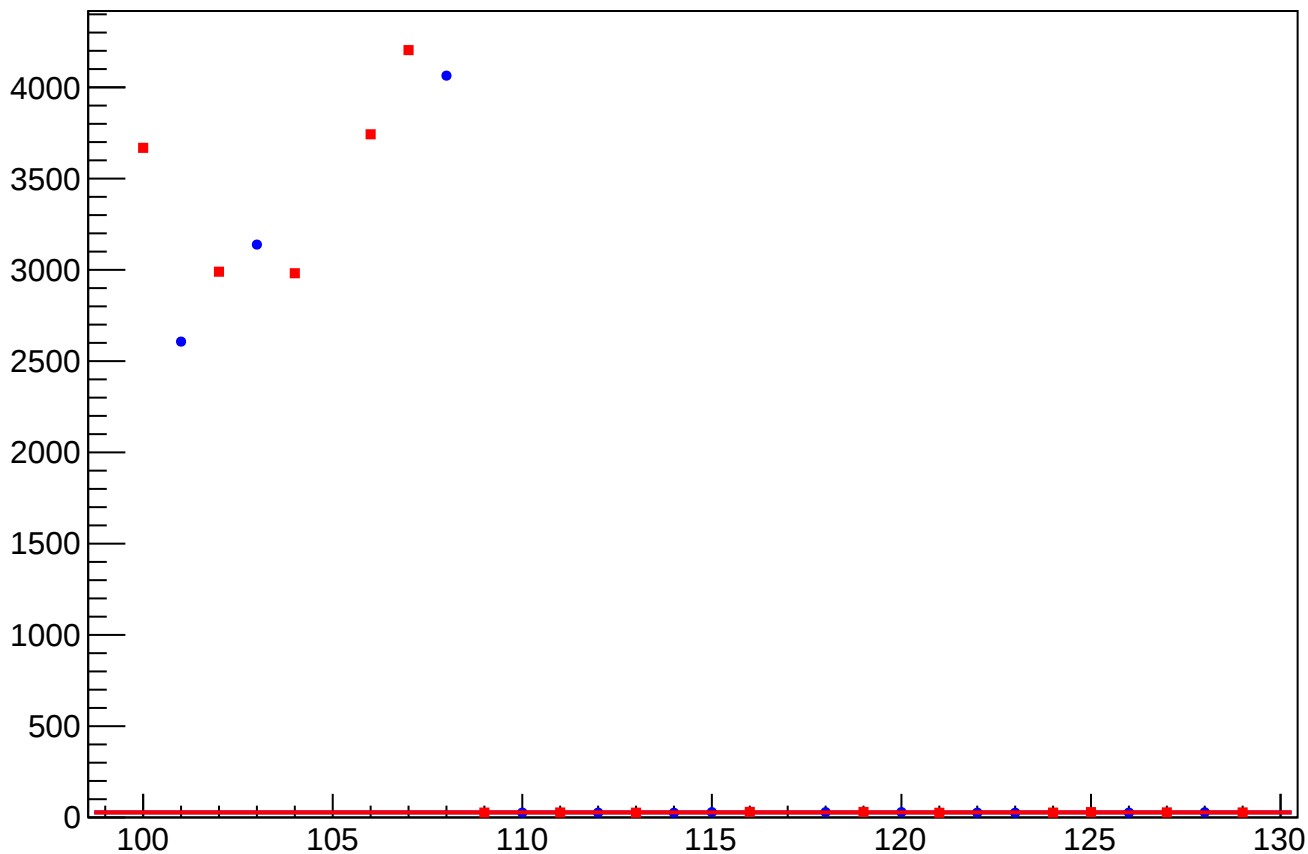
Right: 10.518+/-10.591 χ^2/NDF : 35.6/27

In: -0.632+/-15.486 χ^2/NDF : 14.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.518+/-10.591 χ^2/NDF : 35.6/27

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.576+/-0.011 χ^2/NDF : 3018722.2/12

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

Right Out: 27.664+/-0.010 χ^2/NDF : 3475595.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

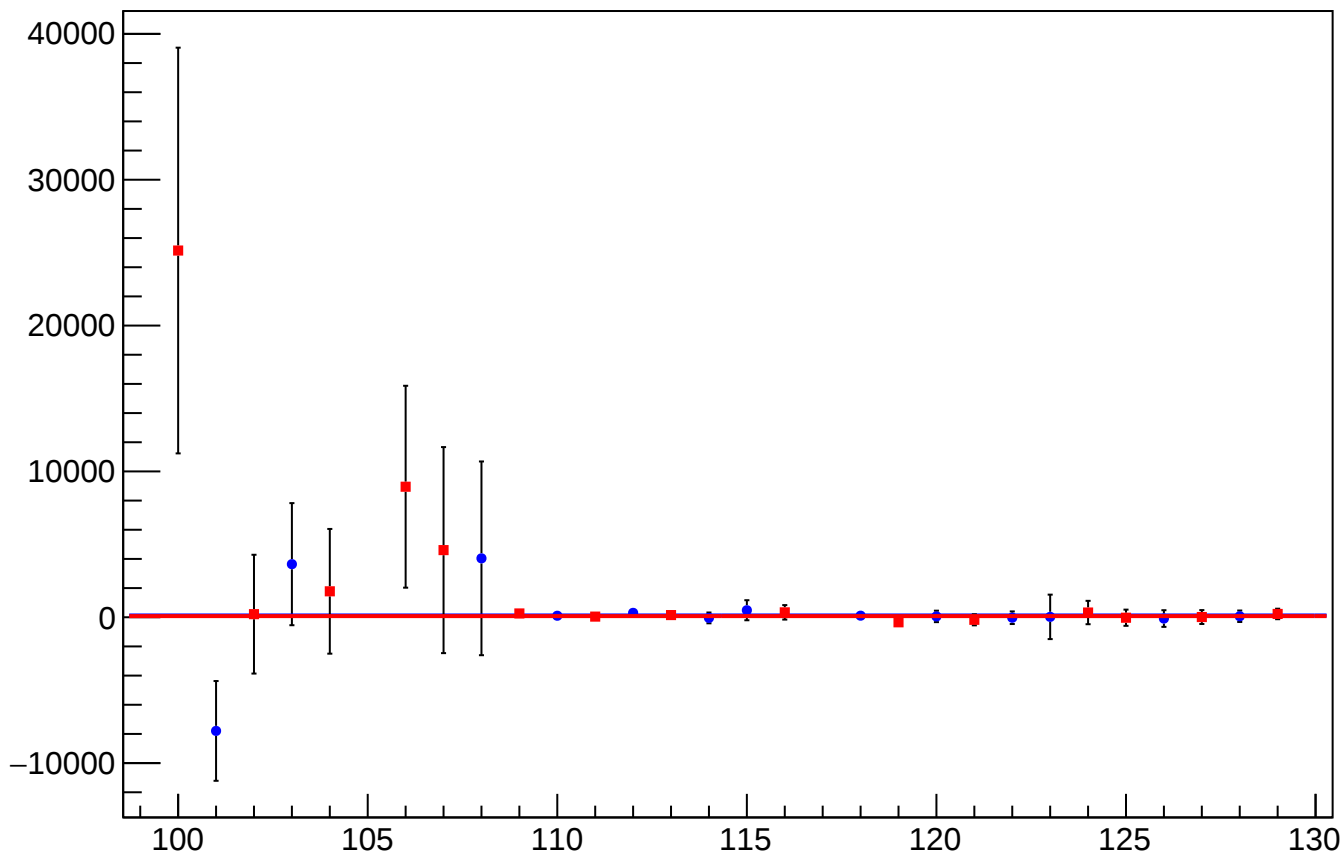
Right: 27.623+/-0.007 χ^2/NDF : 6494352.5/27

In: 27.576+/-0.011 χ^2/NDF : 3018722.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.623+/-0.007 χ^2/NDF : 6494352.5/27

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 122.394+/-104.692 χ^2/NDF : 7.9/12

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

Right Out: 78.182+/-92.656 χ^2/NDF : 9.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

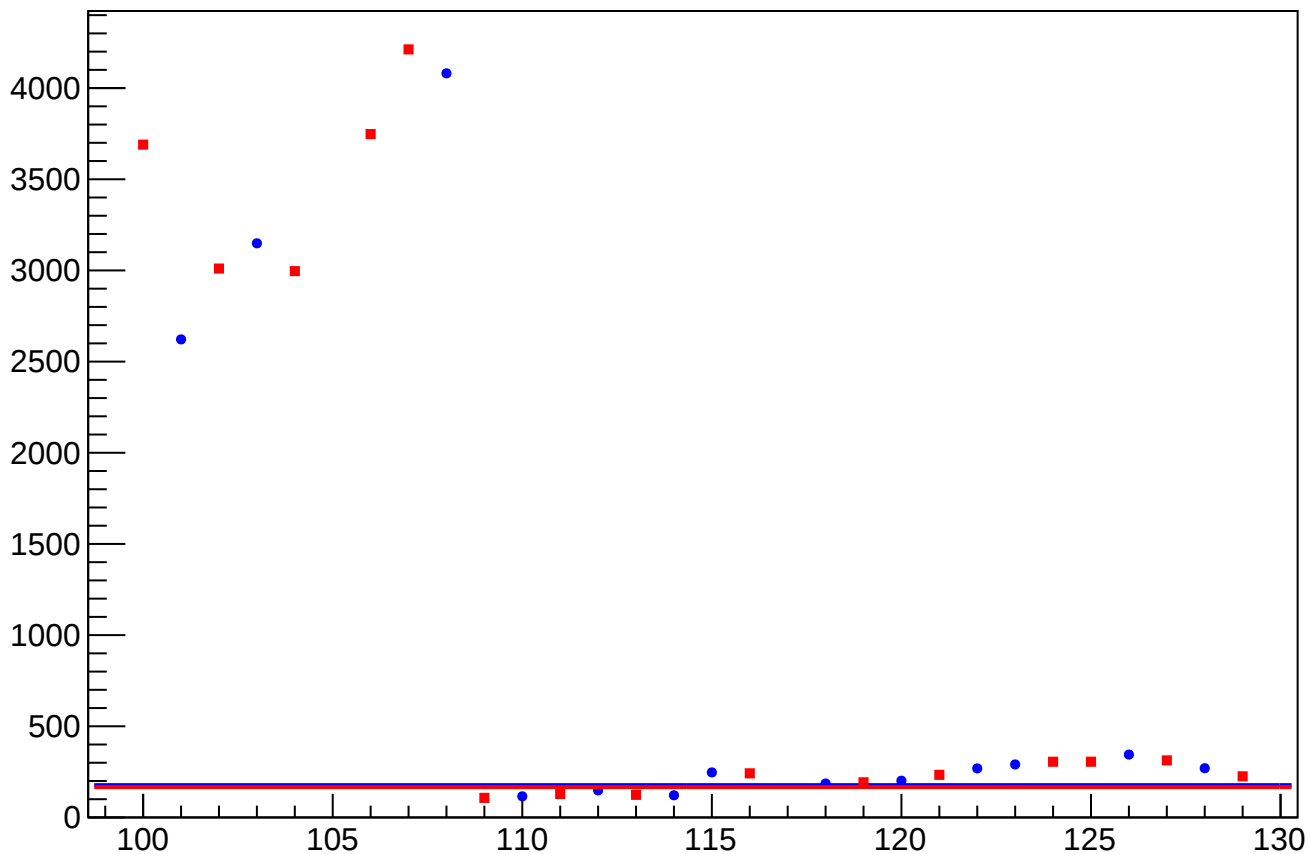
Right: 97.601+/-69.385 χ^2/NDF : 17.9/27

In: 122.394+/-104.692 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.601+/-69.385 χ^2/NDF : 17.9/27

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 177.271+/-0.074 χ^2/NDF : 3404395.9/12

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

Right Out: 166.445+/-0.066 χ^2/NDF : 4050981.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

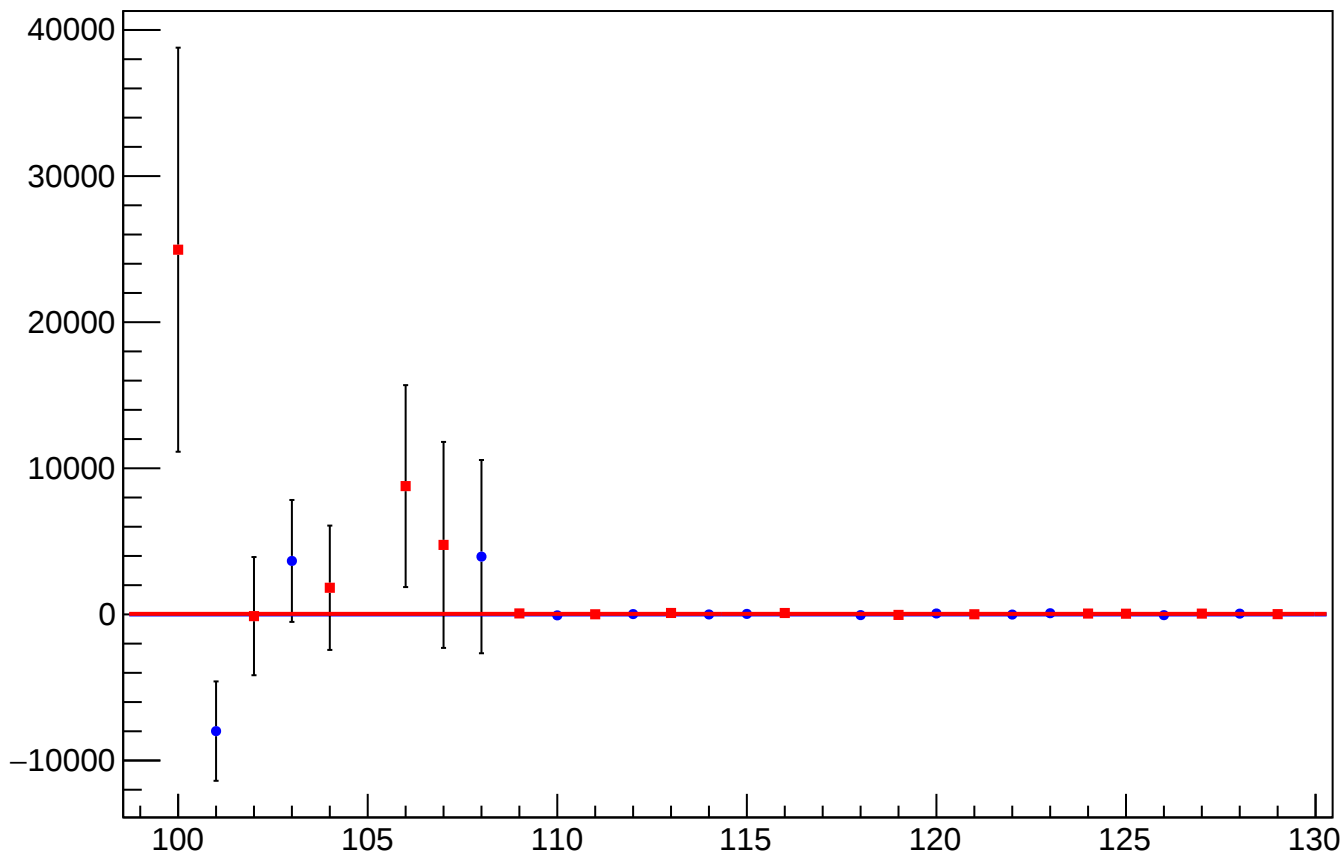
Right: 171.200+/-0.049 χ^2/NDF : 7467369.8/27

In: 177.271+/-0.074 χ^2/NDF :3404395.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 171.200+/-0.049 χ^2/NDF : 7467369.8/27

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.103+/-15.610 χ^2/NDF : 15.2/12

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

Right Out: 36.901+/-14.656 χ^2/NDF : 13.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

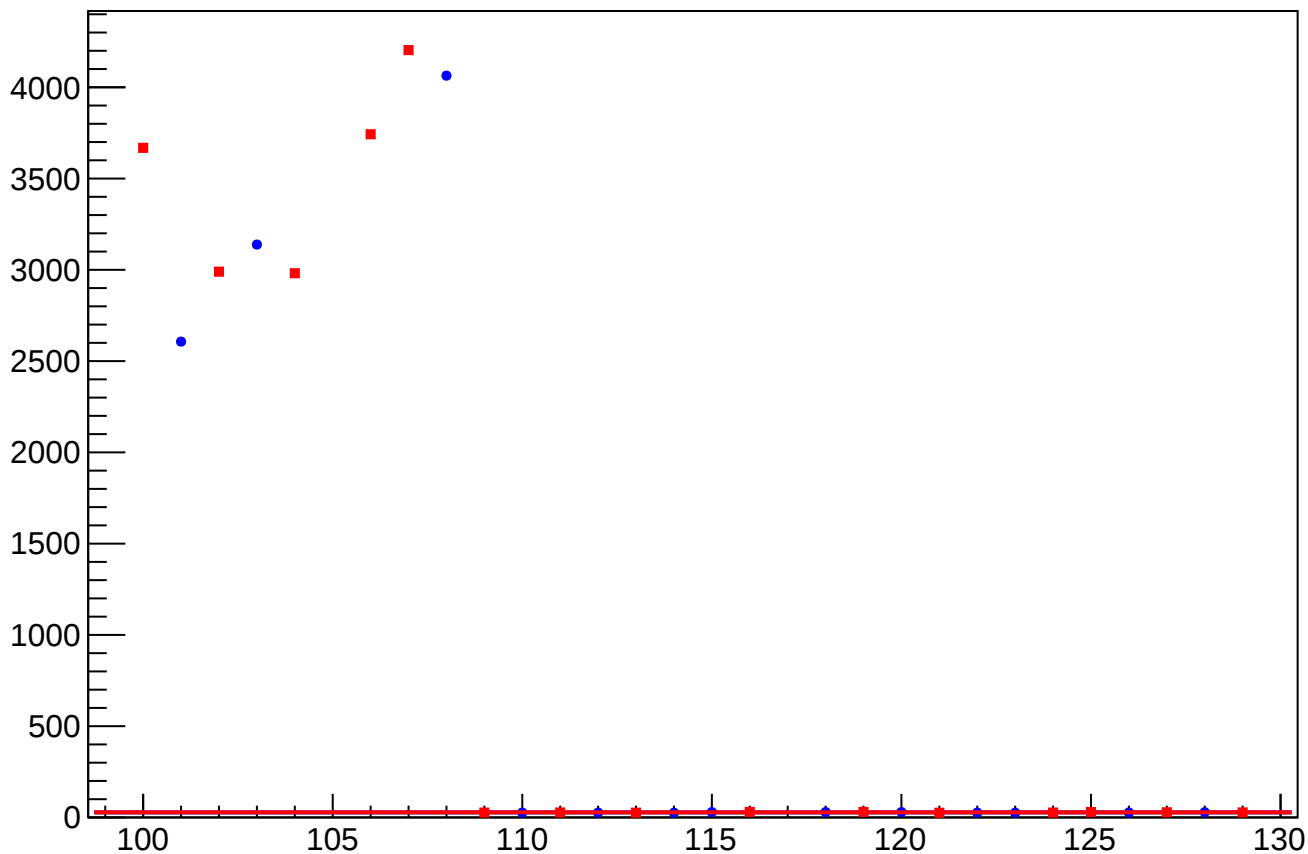
Right: 17.222+/-10.685 χ^2/NDF : 32.5/27

In: -5.103+/-15.610 χ^2/NDF : 15.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.222+/-10.685 χ^2/NDF : 32.5/27

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.790+/-0.011 χ^2/NDF : 3019710.9/12

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

Right Out: 27.920+/-0.010 χ^2/NDF : 3478529.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

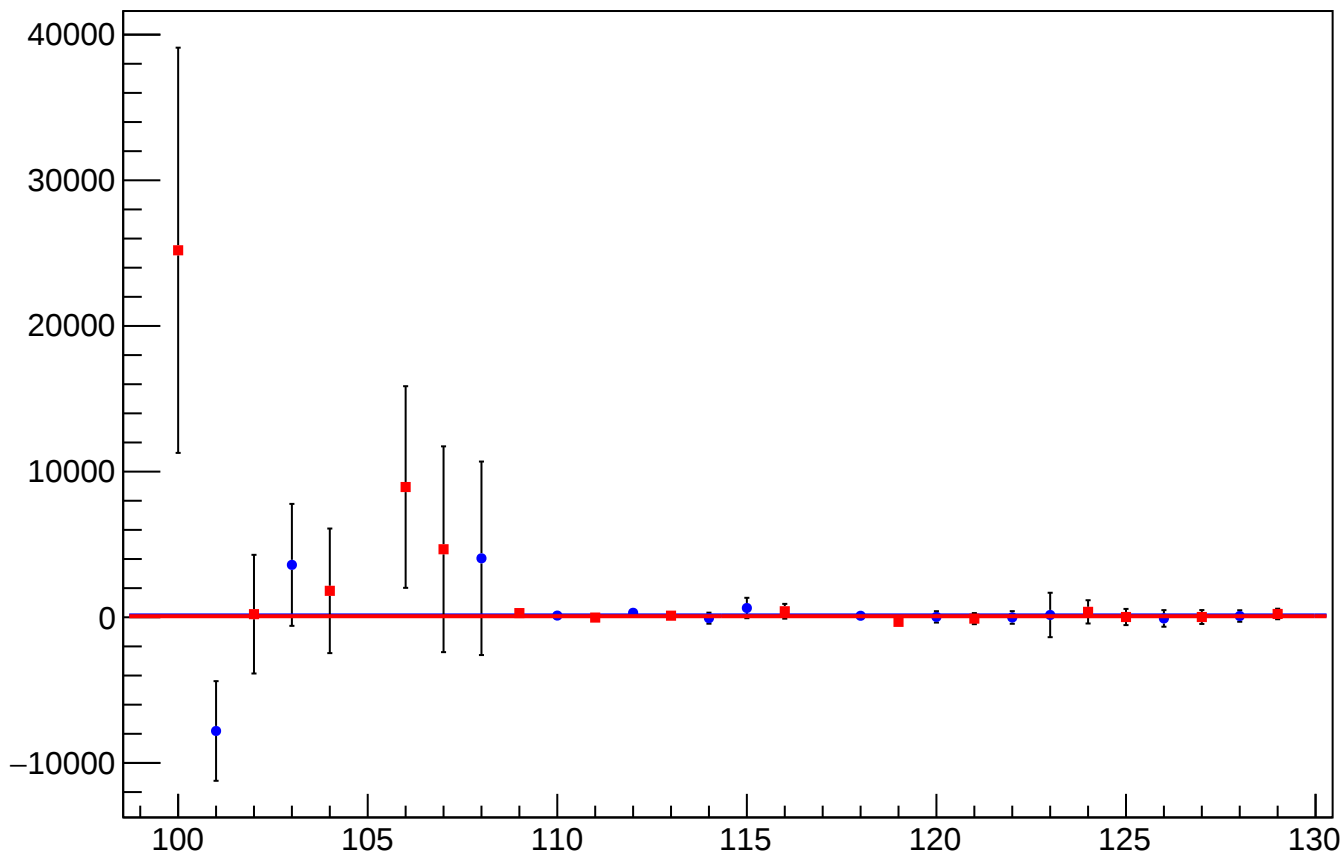
Right: 27.859+/-0.008 χ^2/NDF : 6498314.3/27

In: 27.790+/-0.011 χ^2/NDF : 3019710.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.859+/-0.008 χ^2/NDF : 6498314.3/27

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 128.928+/-106.067 χ^2/NDF : 8.2/12

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

Right Out: 70.904+/-94.016 χ^2/NDF : 9.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

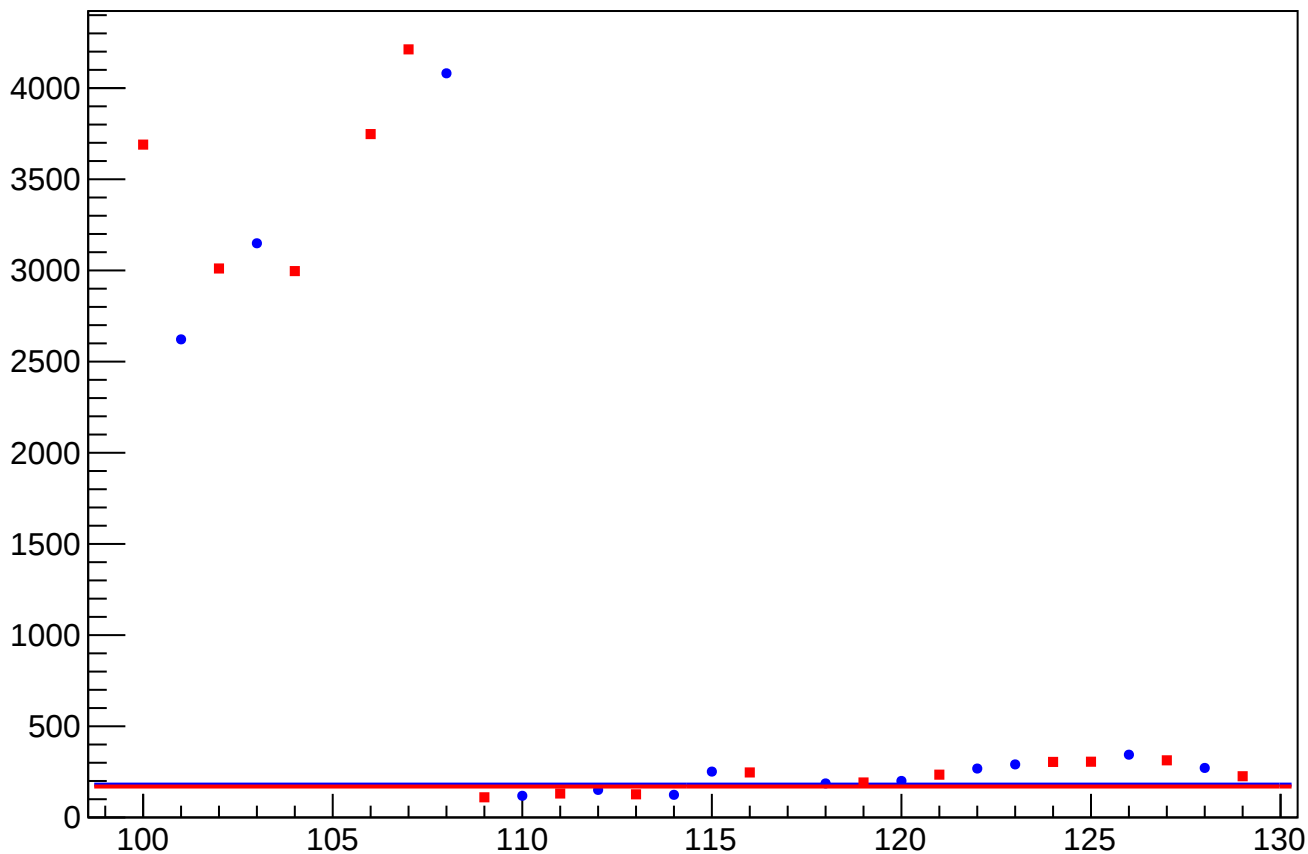
Right: 96.434+/-70.356 χ^2/NDF : 18.1/27

In: 128.928+/-106.067 χ^2/NDF : 8.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.434+/-70.356 χ^2/NDF : 18.1/27

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 180.137+/-0.075 χ^2/NDF : 3366990.9/12

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

Right Out: 169.566+/-0.066 χ^2/NDF : 4003200.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

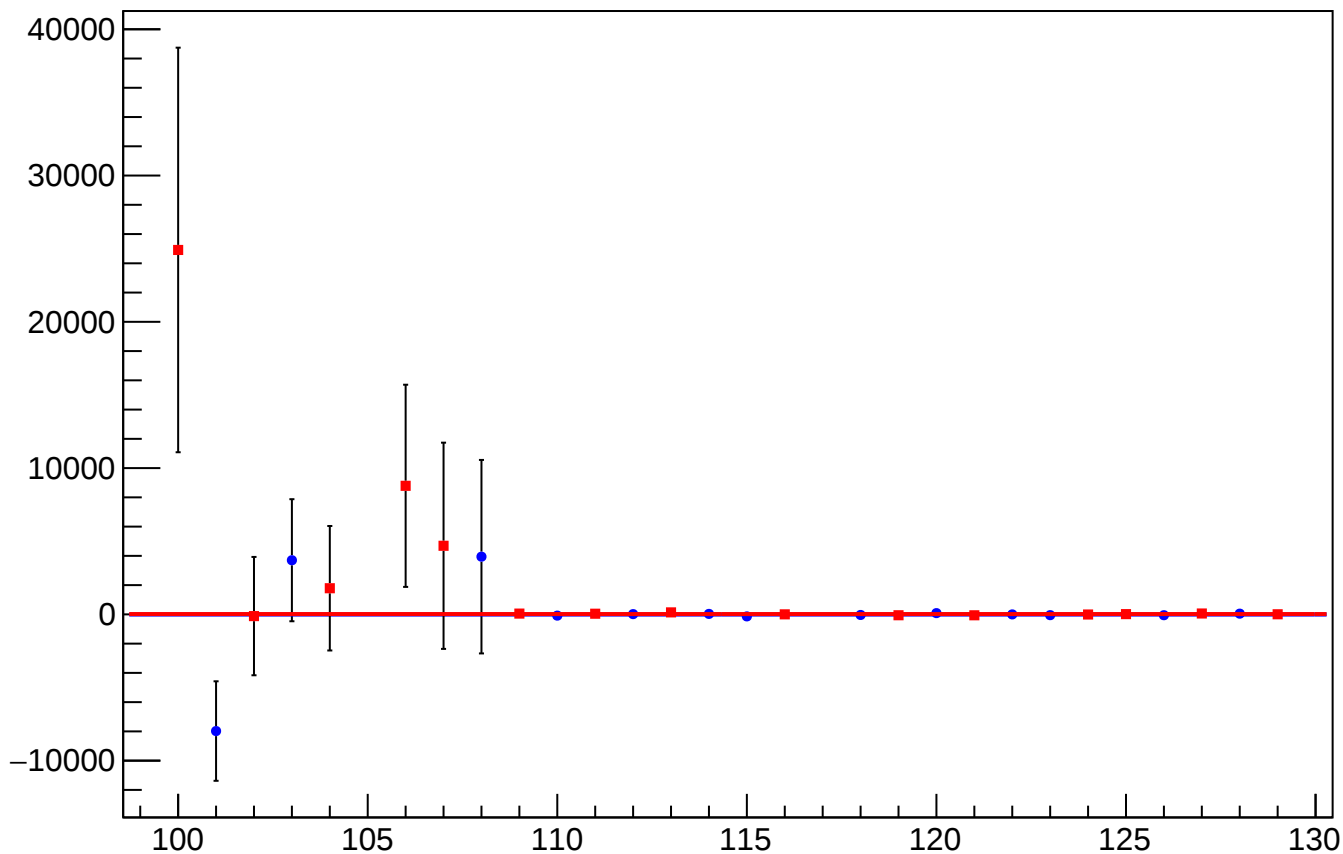
Right: 174.217+/-0.050 χ^2/NDF : 7381315.4/27

In: 180.137+/-0.075 χ^2/NDF :3366990.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 174.217+/-0.050 χ^2/NDF : 7381315.4/27

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -11.995 $\pm$ 19.009 χ^2 /NDF: 15.4/12

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

Right Out: 21.757 $\pm$ 17.713 χ^2 /NDF: 17.8/14

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

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

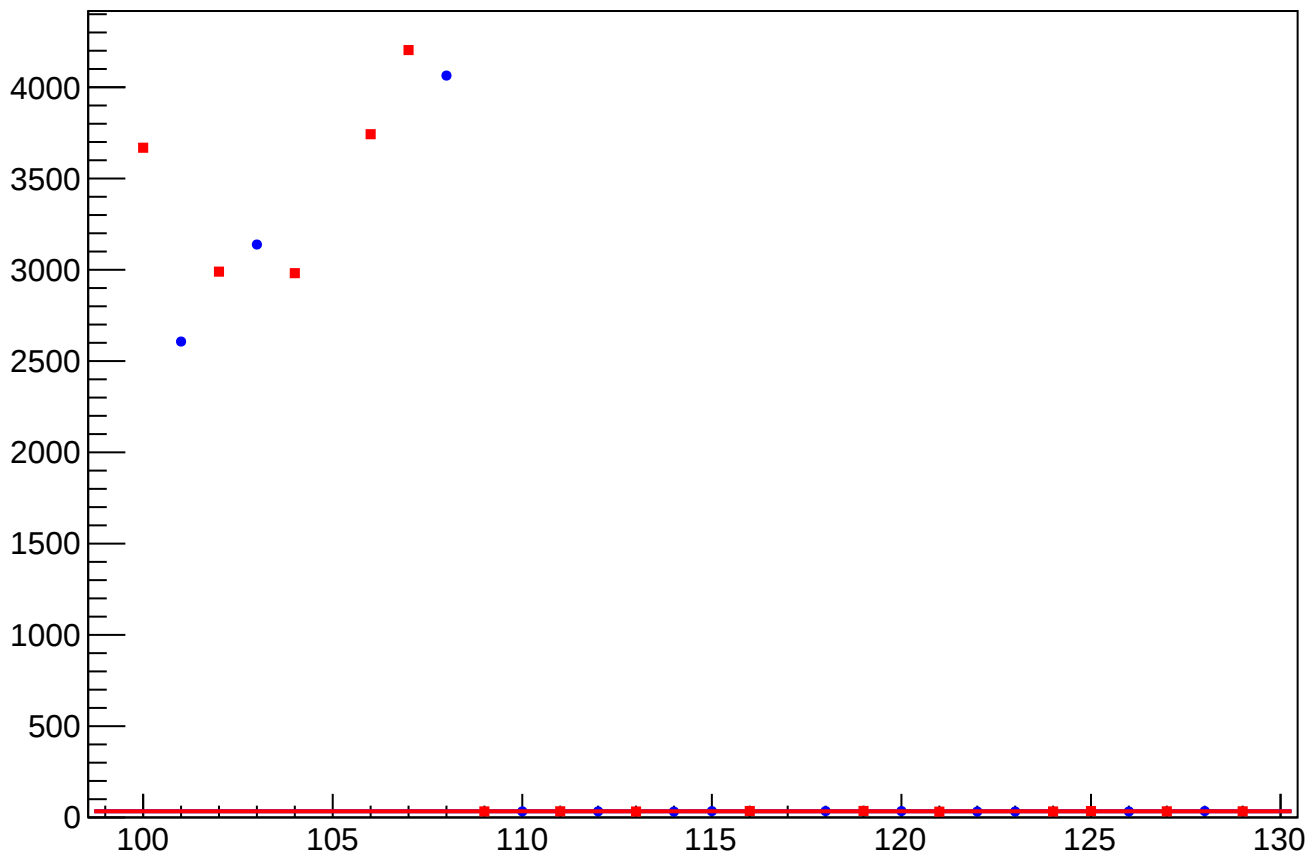
Right: 6.070 $\pm$ 12.959 χ^2 /NDF: 35.0/27

In: -11.995 $\pm$ 19.009 χ^2 /NDF:15.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 6.070 $\pm$ 12.959 χ^2 /NDF: 35.0/27

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 33.874+/-0.013 χ^2/NDF : 3000119.8/12

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

Right Out: 33.832+/-0.013 χ^2/NDF : 3450916.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

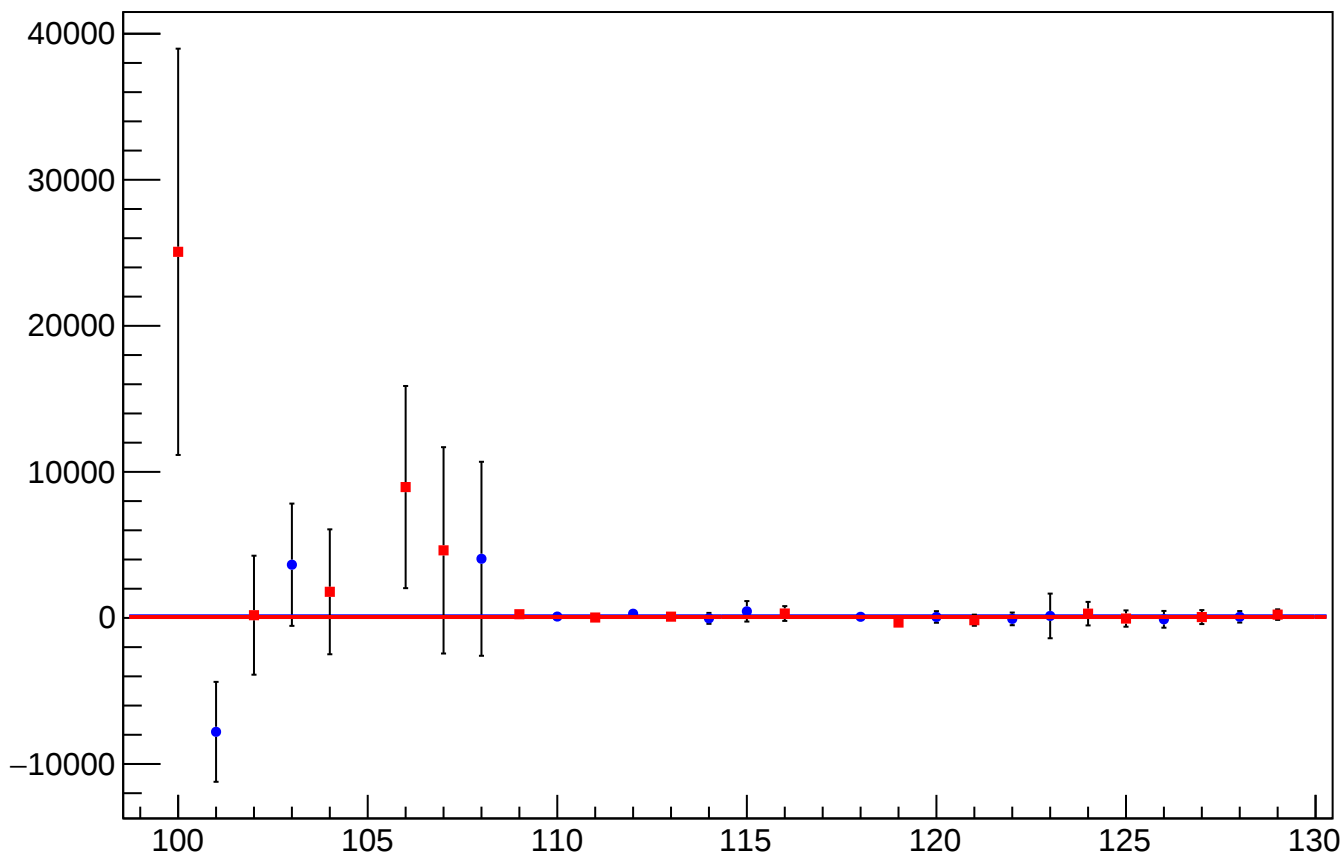
Right: 33.852+/-0.009 χ^2/NDF : 6451041.0/27

In: 33.874+/-0.013 χ^2/NDF : 3000119.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.852+/-0.009 χ^2/NDF : 6451041.0/27

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 112.229+/-105.478 χ^2/NDF : 7.8/12

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

Right Out: 63.030+/-93.394 χ^2/NDF : 9.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

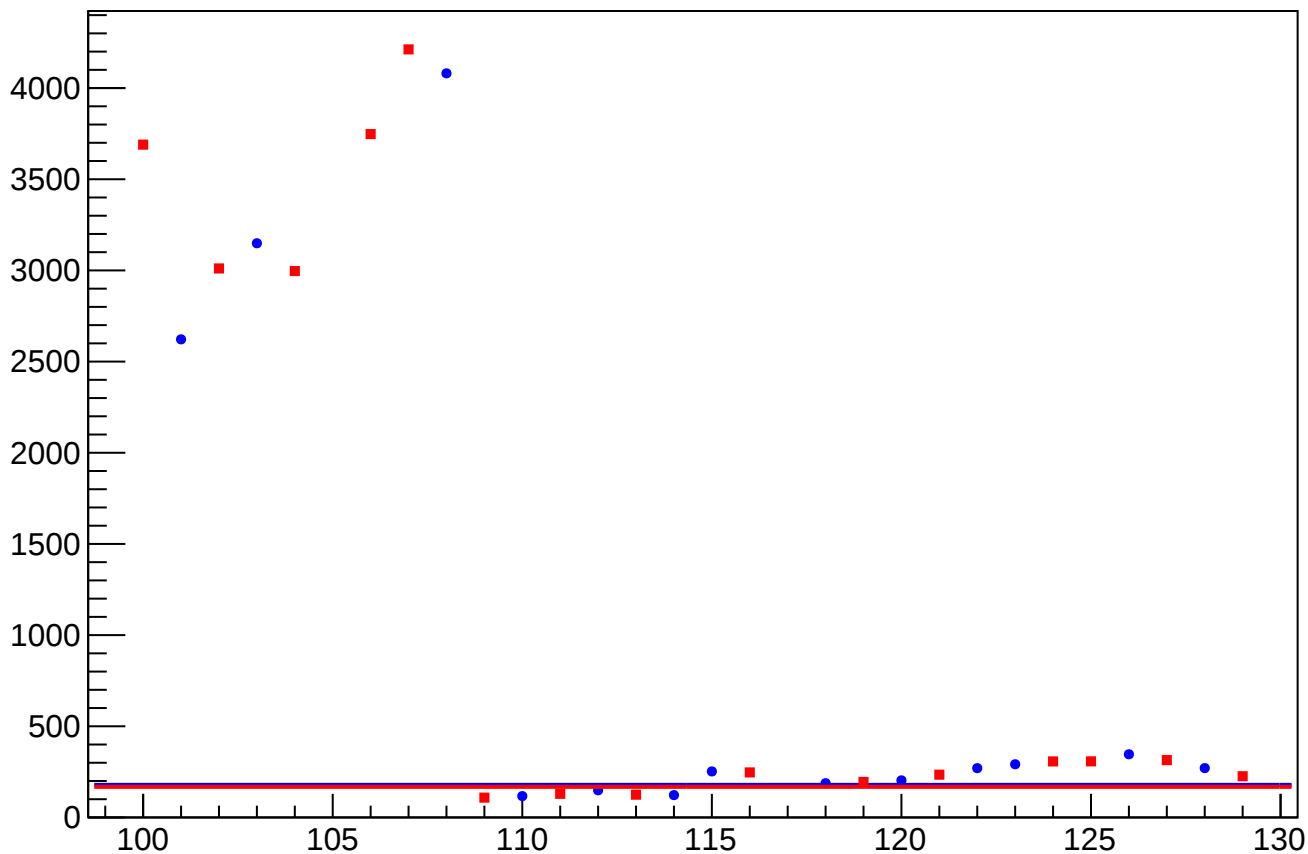
Right: 84.651+/-69.923 χ^2/NDF : 17.0/27

In: 112.229+/-105.478 χ^2/NDF : 7.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.651+/-69.923 χ^2/NDF : 17.0/27

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 178.711+/-0.075 χ^2/NDF : 3398214.0/12

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

Right Out: 167.890+/-0.066 χ^2/NDF : 4044807.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

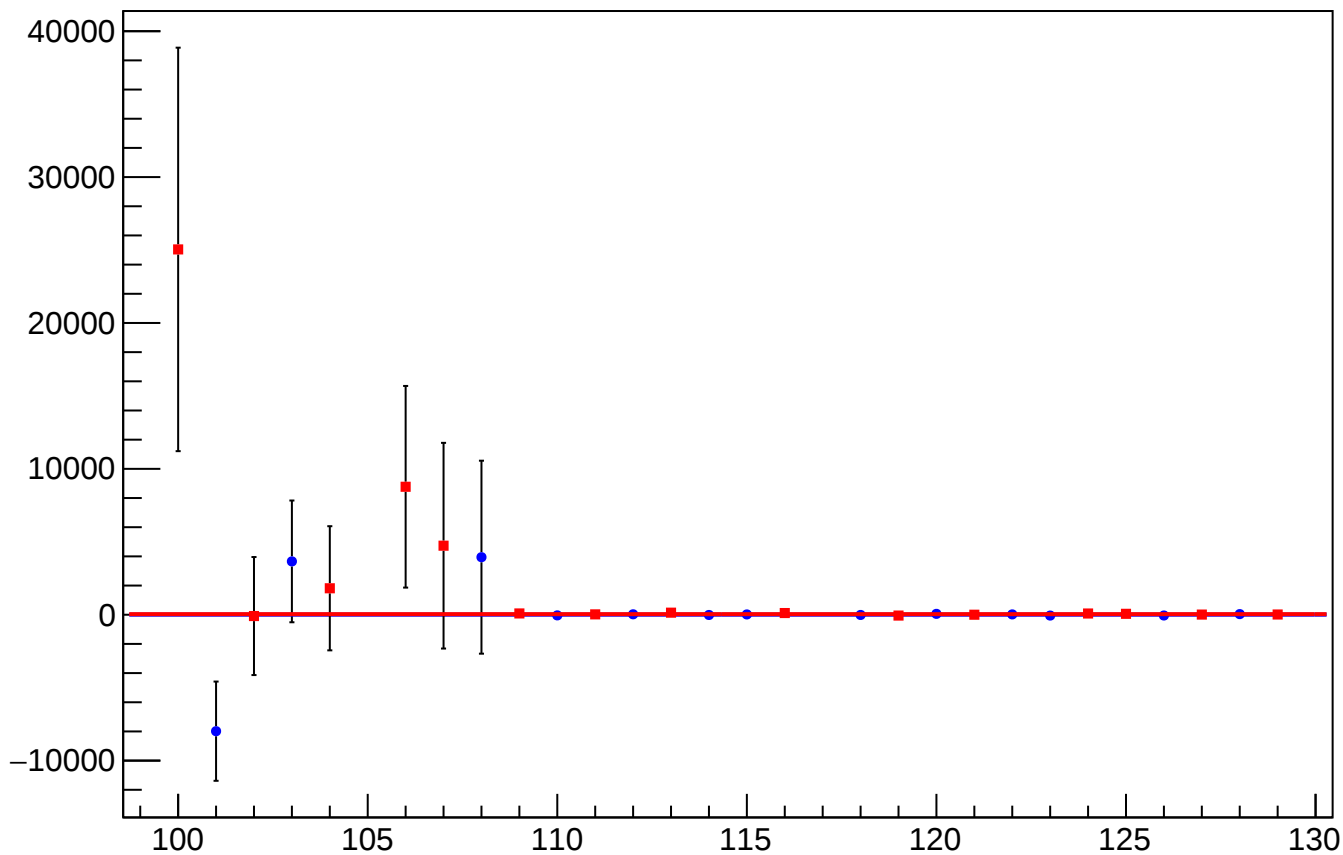
Right: 172.646+/-0.049 χ^2/NDF : 7454819.9/27

In: 178.711+/-0.075 χ^2/NDF :3398214.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 172.646+/-0.049 χ^2/NDF : 7454819.9/27

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 4.064+/-17.369 χ^2/NDF : 11.4/12

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

Right Out: 39.599+/-16.235 χ^2/NDF : 19.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

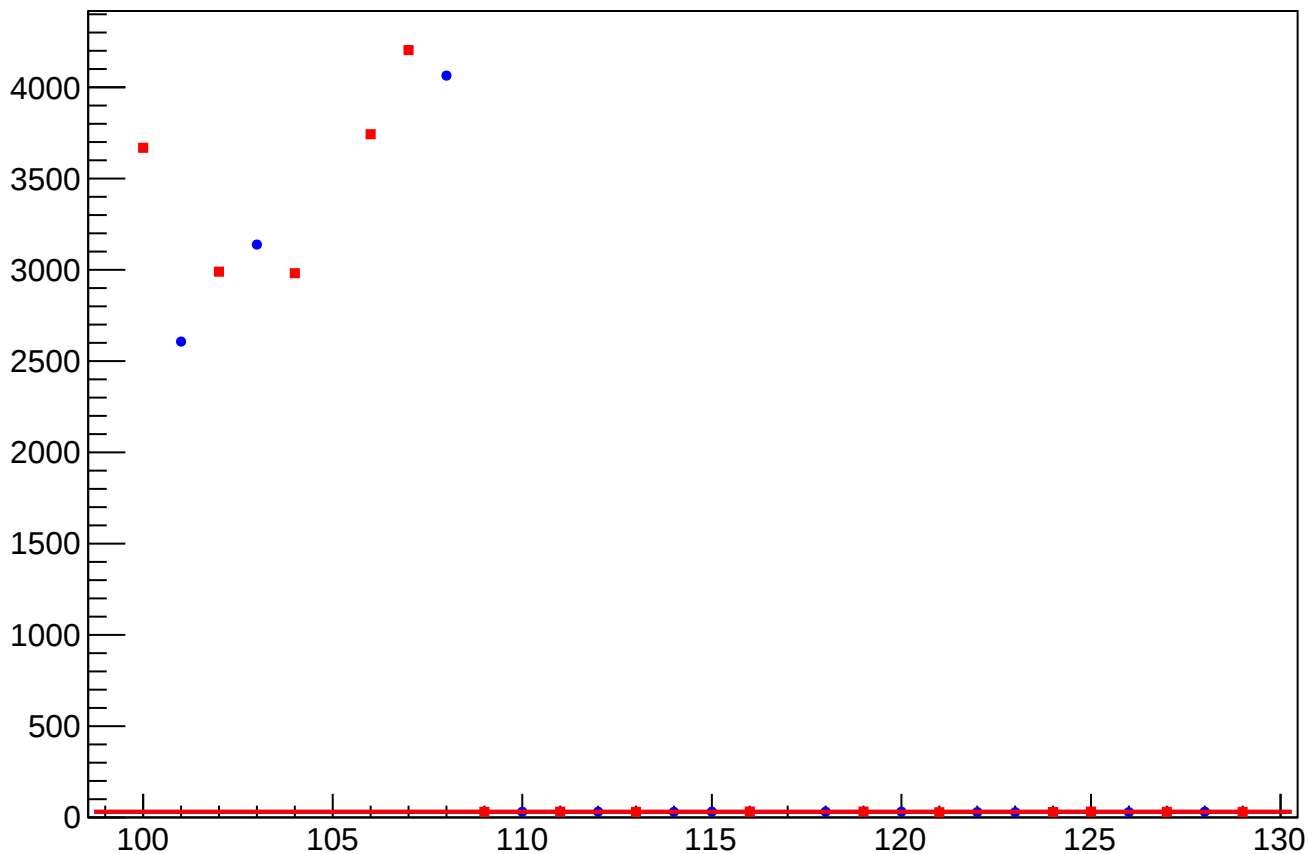
Right: 23.029+/-11.860 χ^2/NDF : 32.9/27

In: 4.064+/-17.369 χ^2/NDF : 11.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.029+/-11.860 χ^2/NDF : 32.9/27

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 30.966+/-0.012 χ^2/NDF : 3006419.4/12

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

Right Out: 30.988+/-0.011 χ^2/NDF : 3456658.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

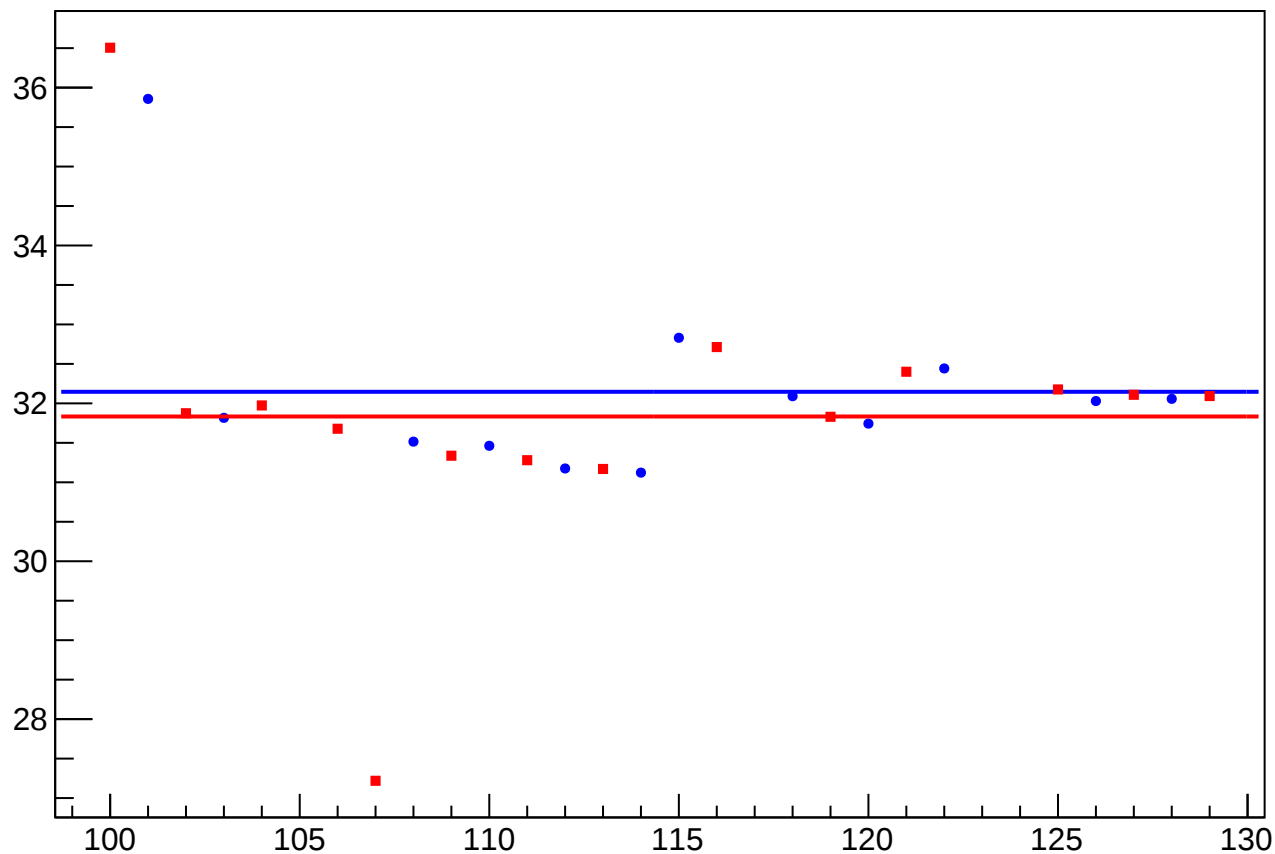
Right: 30.978+/-0.008 χ^2/NDF : 6463079.3/27

In: 30.966+/-0.012 χ^2/NDF :3006419.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 30.978+/-0.008 χ^2/NDF : 6463079.3/27

yield_usl_mean vs Slug, Sign Corrected



Right In: 32.147 ± 0.000 $\chi^2/\text{NDF}: 991829884.4/11$

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

Right Out: 31.834 ± 0.000 $\chi^2/\text{NDF}: 587271766.5/13$

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

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

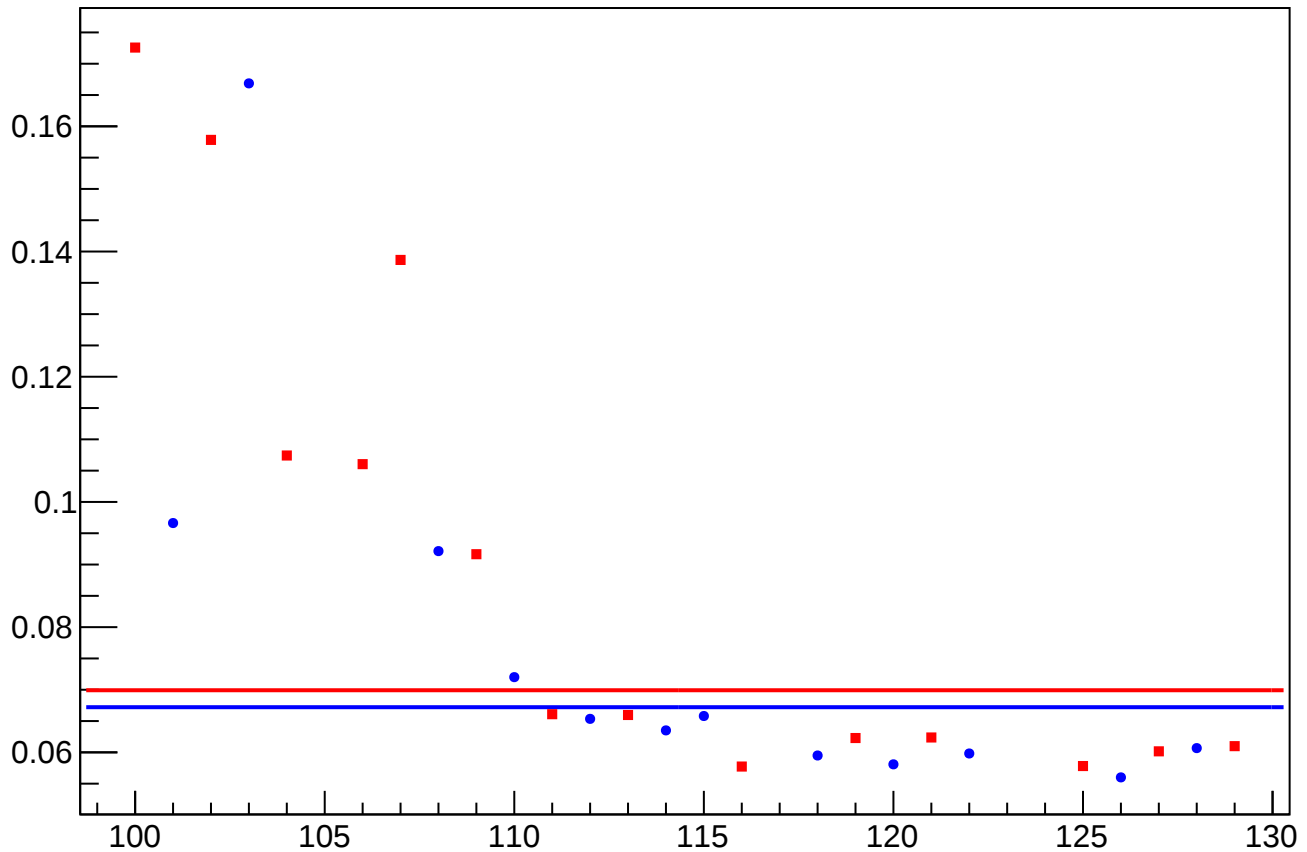
Right: 31.985 ± 0.000 $\chi^2/\text{NDF}: 1623526117.2/25$

In: 32.147 ± 0.000 $\chi^2/\text{NDF}: 991829884.4/11$

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

All: 31.985 ± 0.000 $\chi^2/\text{NDF}: 1623526117.2/25$

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.067+/-0.000 χ^2/NDF : 618634.5/11

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

Right Out: 0.070+/-0.000 χ^2/NDF : 835026.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

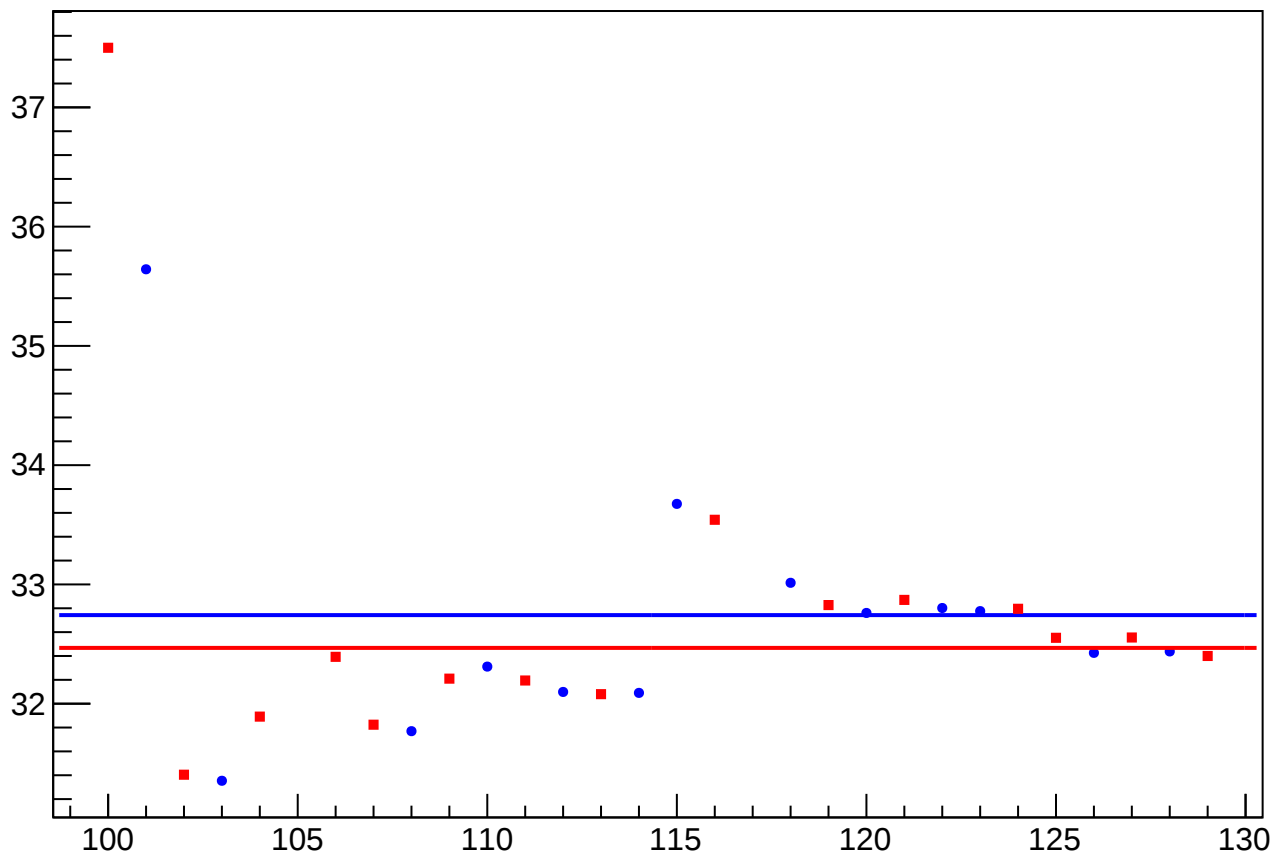
Right: 0.069+/-0.000 χ^2/NDF : 1460311.4/25

In: 0.067+/-0.000 χ^2/NDF :618634.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.069+/-0.000 χ^2/NDF : 1460311.4/25

yield_usr_mean vs Slug, Sign Corrected



Right In: 32.743+/-0.000 χ^2/NDF : 471128956.0/12

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

Right Out: 32.468+/-0.000 χ^2/NDF : 156162670.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

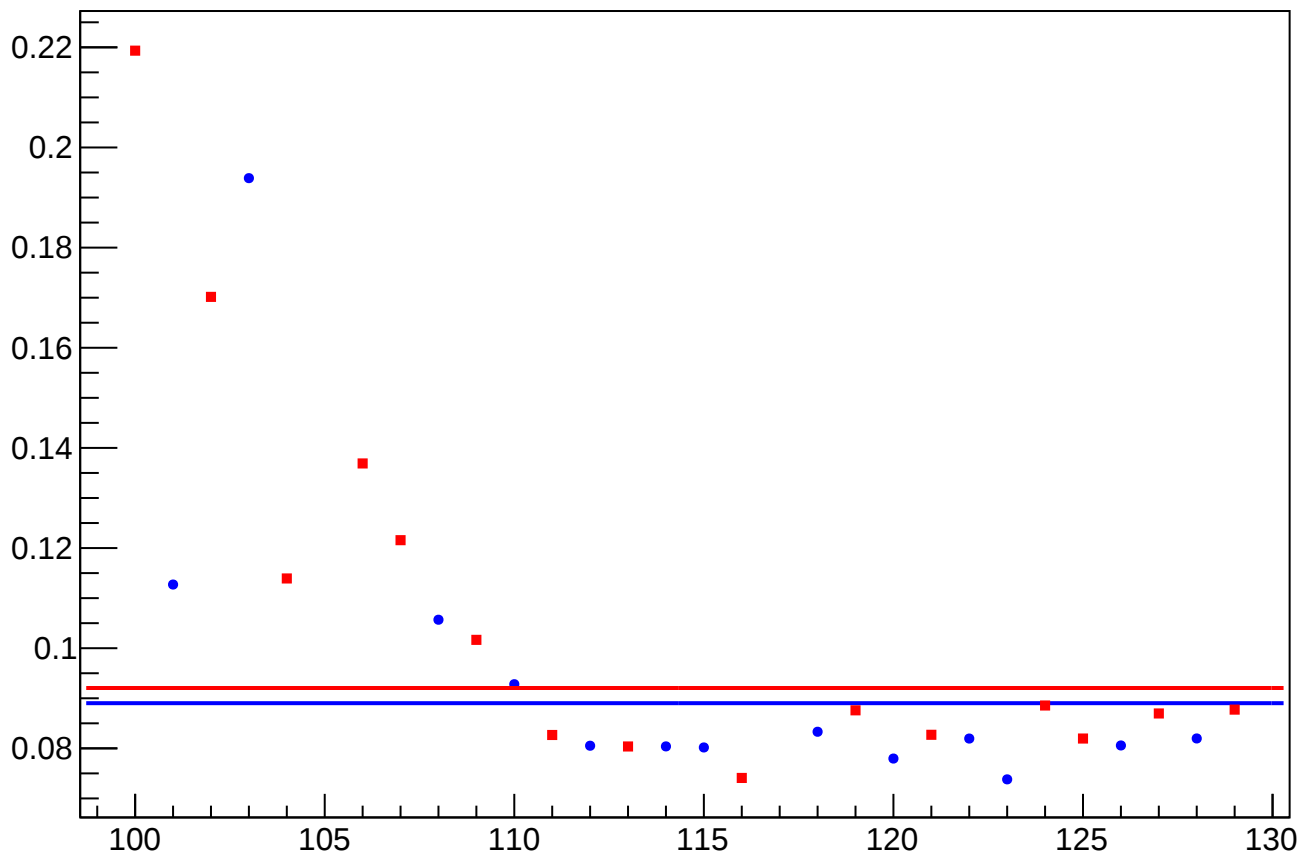
Right: 32.598+/-0.000 χ^2/NDF : 647644756.1/27

In: 32.743+/-0.000 χ^2/NDF : 471128956.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.598+/-0.000 χ^2/NDF : 647644756.1/27

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.089+/-0.000 χ^2/NDF : 435938.3/12

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

Right Out: 0.092+/-0.000 χ^2/NDF : 460459.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

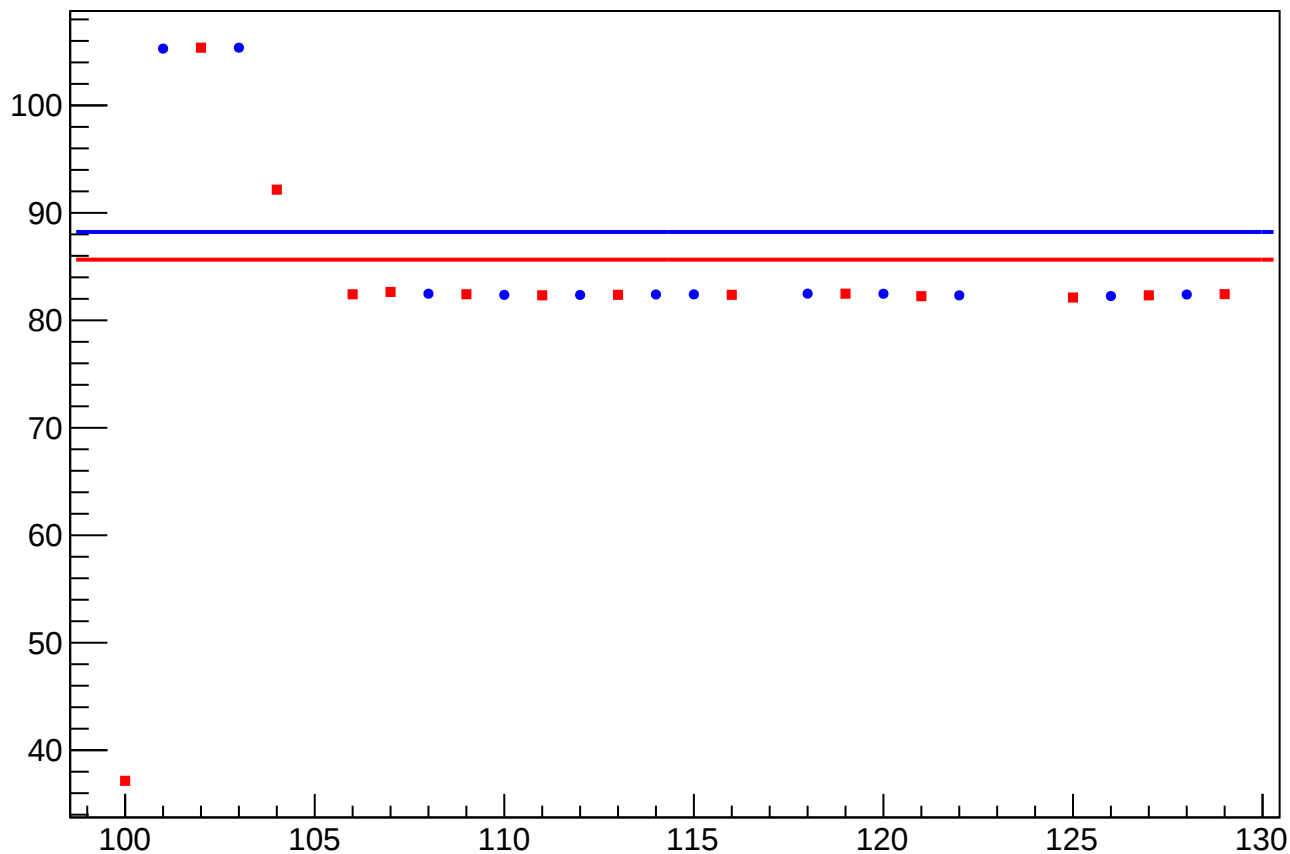
Right: 0.091+/-0.000 χ^2/NDF : 901346.9/27

In: 0.089+/-0.000 χ^2/NDF : 435938.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

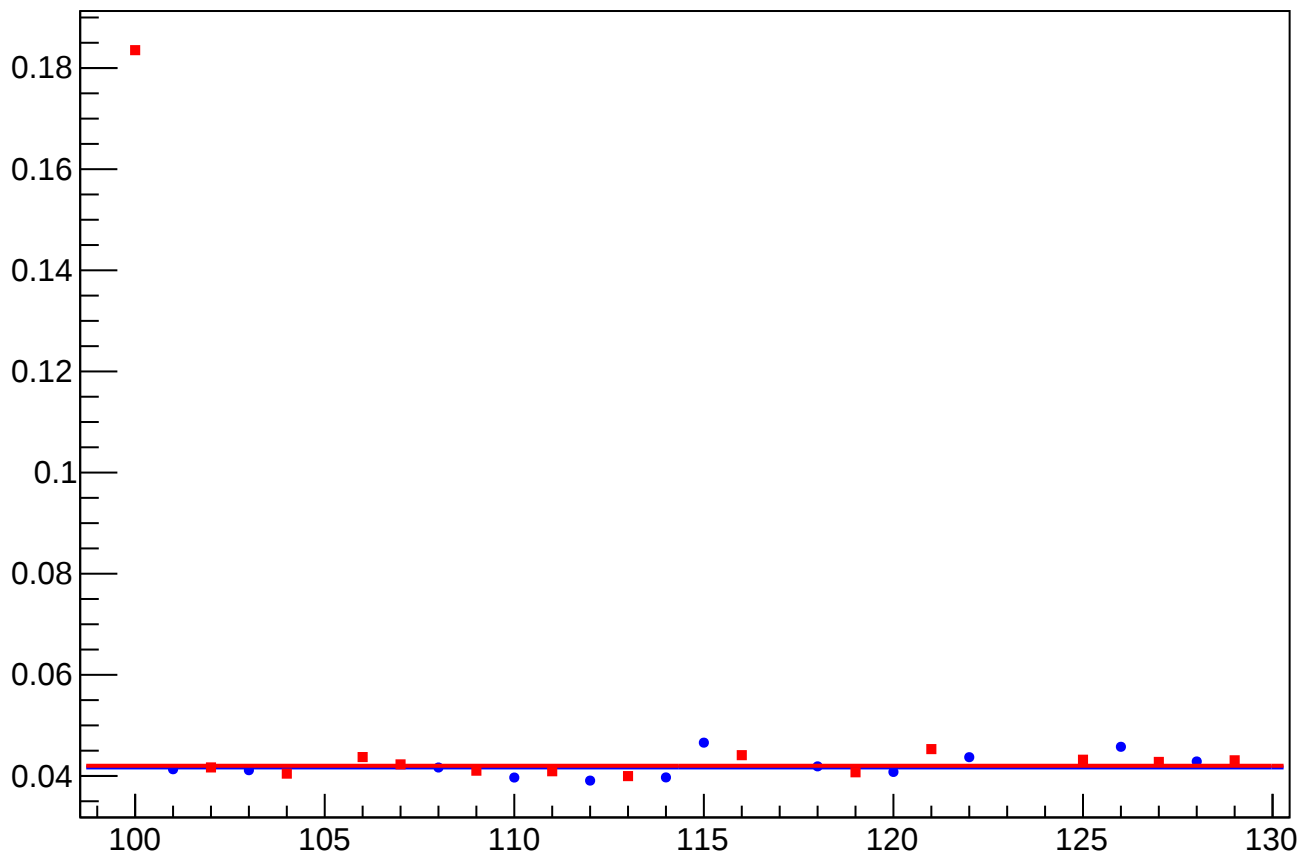
All: 0.091+/-0.000 χ^2/NDF : 901346.9/27

yield_dsl_mean vs Slug, Sign Corrected



Right In: 88.223+/-0.000 χ^2/NDF : 263703667493.1/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 85.647+/-0.000 χ^2/NDF : 164728446777.1/13
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 86.841+/-0.000 χ^2/NDF : 437849768148.2/25
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 86.841+/-0.000 χ^2/NDF : 437849768148.2/25
 In: 88.223+/-0.000 χ^2/NDF : 263703667493.1/11
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.042+/-0.000 χ^2/NDF : 18577.9/11

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

Right Out: 0.042+/-0.000 χ^2/NDF : 96327.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

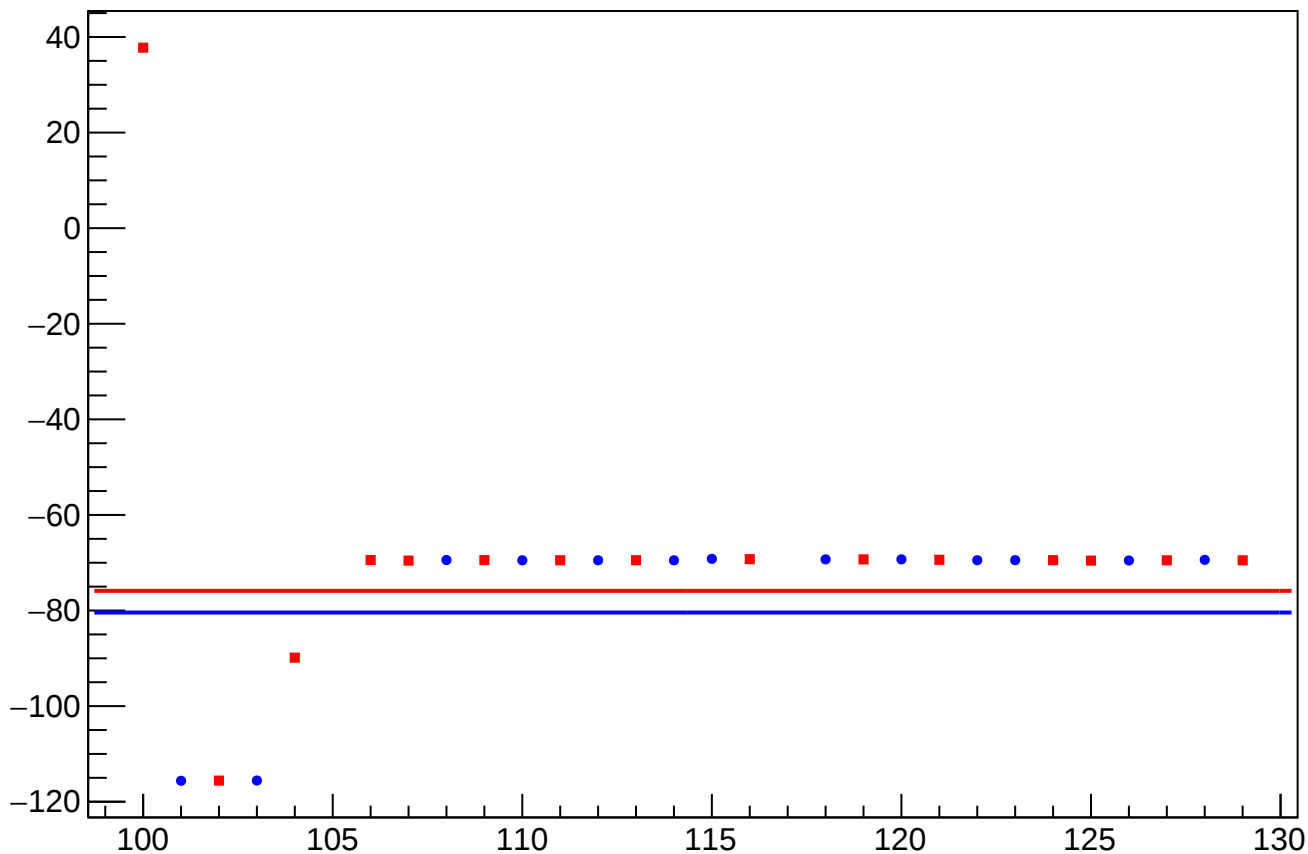
Right: 0.042+/-0.000 χ^2/NDF : 115218.3/25

In: 0.042+/-0.000 χ^2/NDF : 18577.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

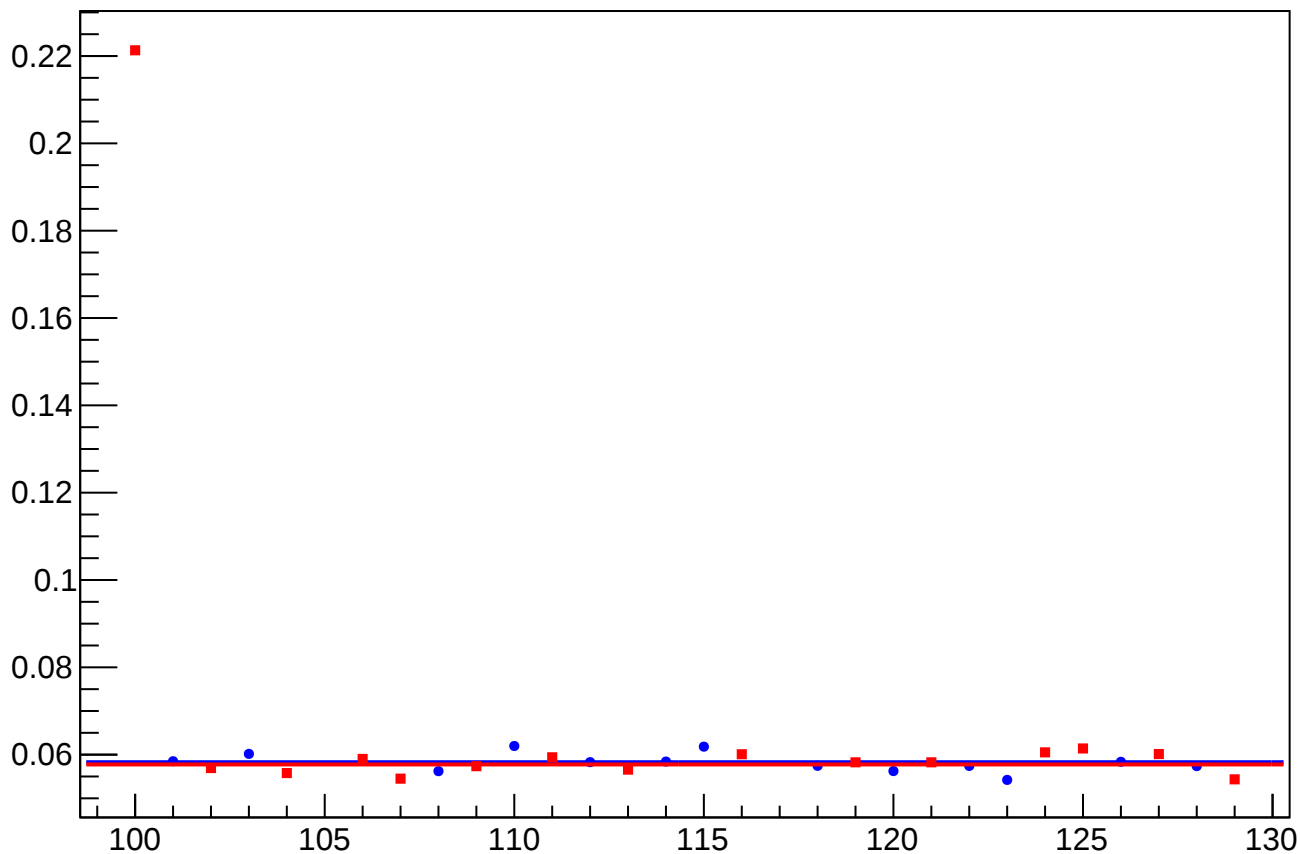
All: 0.042+/-0.000 χ^2/NDF : 115218.3/25

yield_dsr_mean vs Slug, Sign Corrected



Right In: -80.417+/-0.000 χ^2/NDF : 516248073970.7/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -75.881+/-0.000 χ^2/NDF : 357794188206.7/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -77.927+/-0.000 χ^2/NDF : 889108696024.6/2

yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.058+/-0.000 χ^2/NDF : 7065.2/12

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

Right Out: 0.058+/-0.000 χ^2/NDF : 87031.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

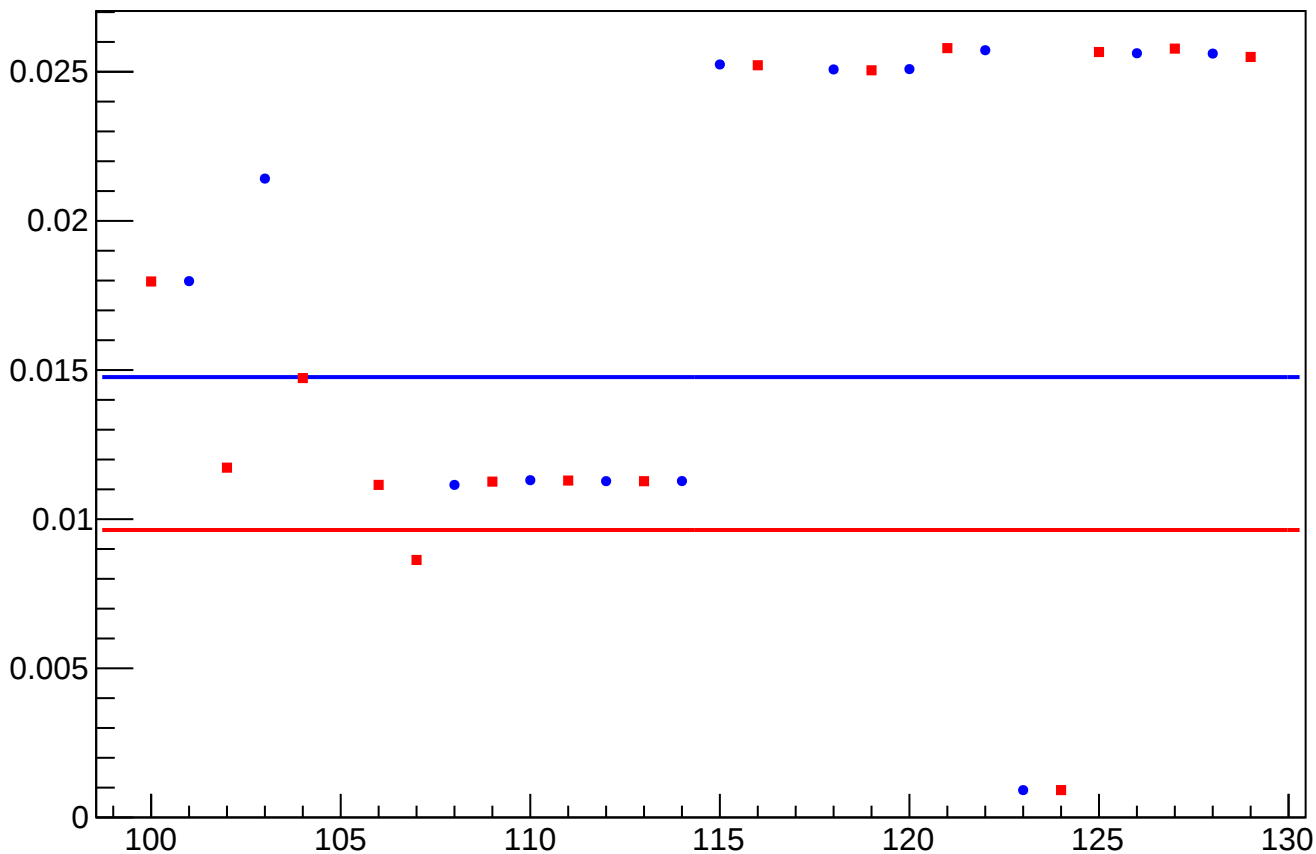
Right: 0.058+/-0.000 χ^2/NDF : 94476.2/27

In: 0.058+/-0.000 χ^2/NDF : 7065.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.058+/-0.000 χ^2/NDF : 94476.2/27

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.000

χ^2/NDF : 98649712615.1/12

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.012+/-0.000

χ^2/NDF : 301244517999.0/27

Right Out: 0.010+/-0.000

χ^2/NDF : 181334115534.7/14

In: 0.015+/-0.000

χ^2/NDF : 98649712615.1/12

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

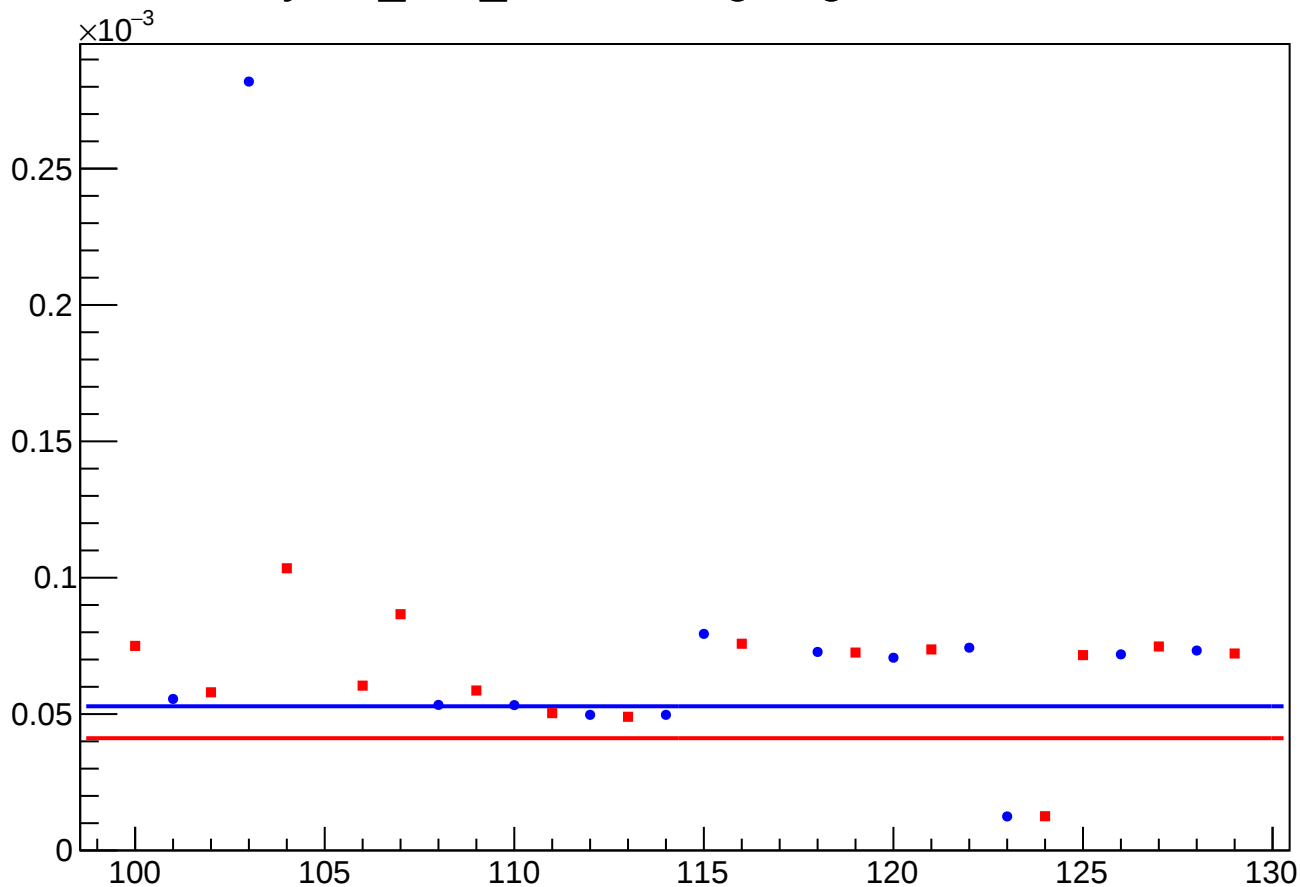
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.012+/-0.000

χ^2/NDF : 301244517999.0

yield_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1778443.6/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 3084244.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

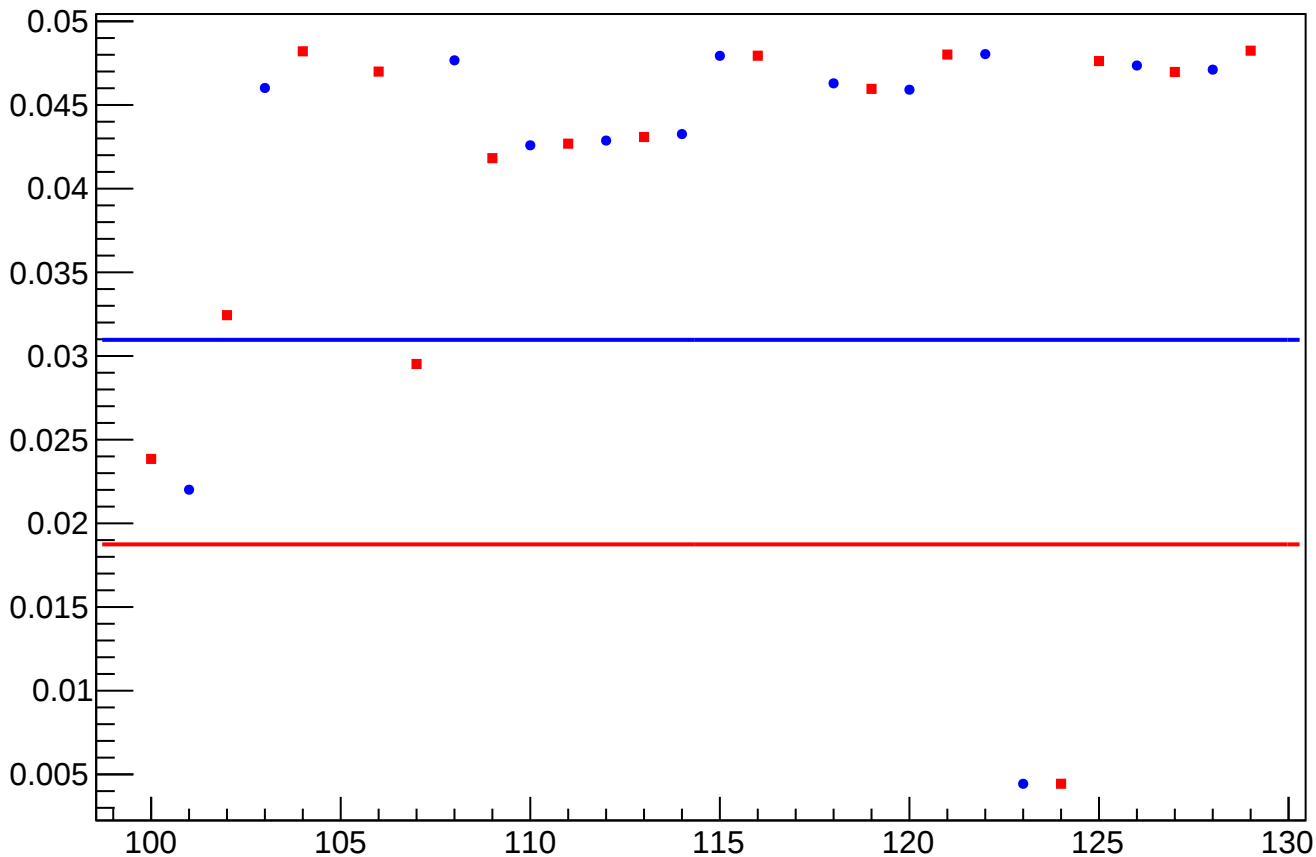
Right: 0.000+/-0.000 χ^2/NDF : 5084295.1/27

In: 0.000+/-0.000 χ^2/NDF : 1778443.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5084295.1/27

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.031+/-0.000

χ^2/NDF : 18653568256.2/12

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.023+/-0.000

χ^2/NDF : 61279743869.9/27

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.031+/-0.000

χ^2/NDF : 18653568256.2/12

Right Out: 0.019+/-0.000

χ^2/NDF : 37559163553.0/14

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

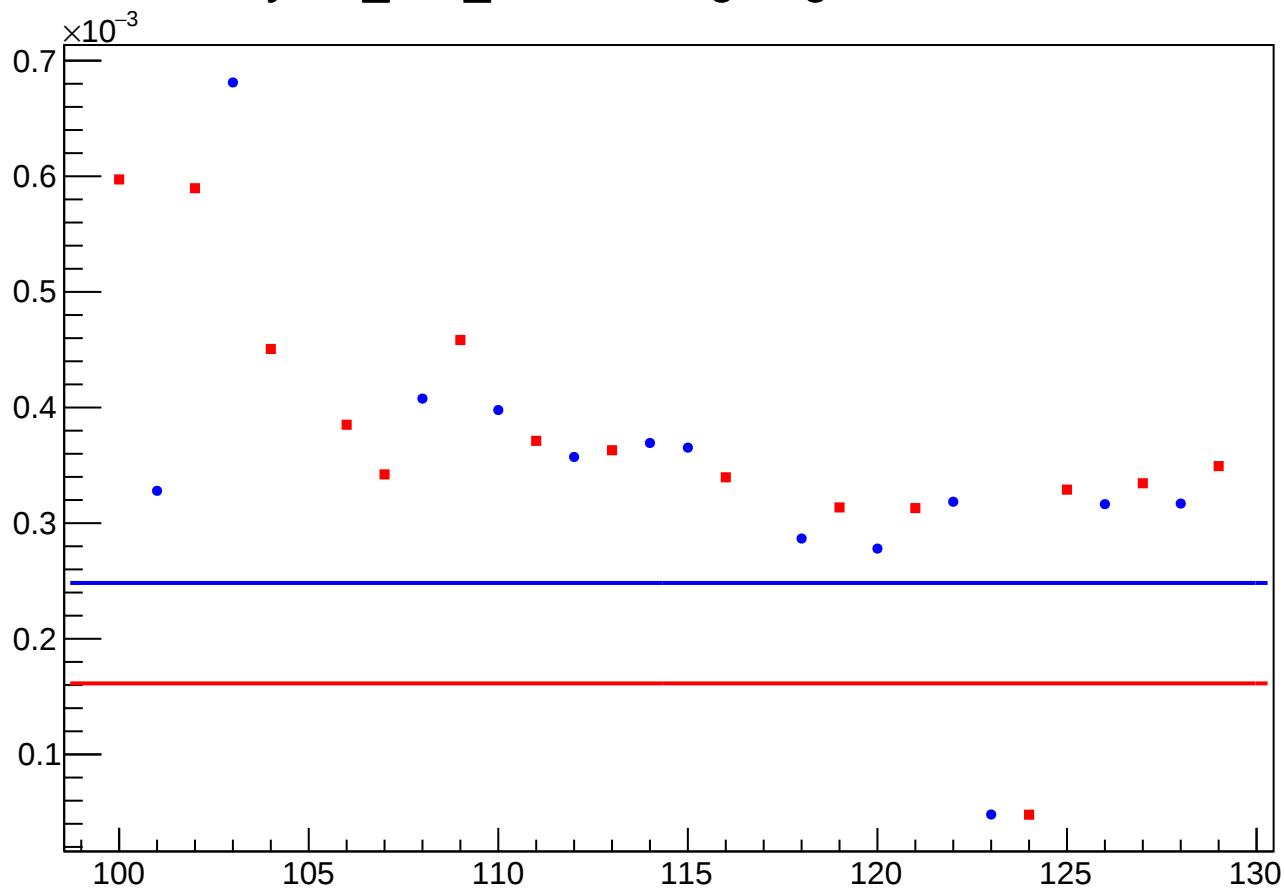
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.023+/-0.000

χ^2/NDF : 61279743869.9/27

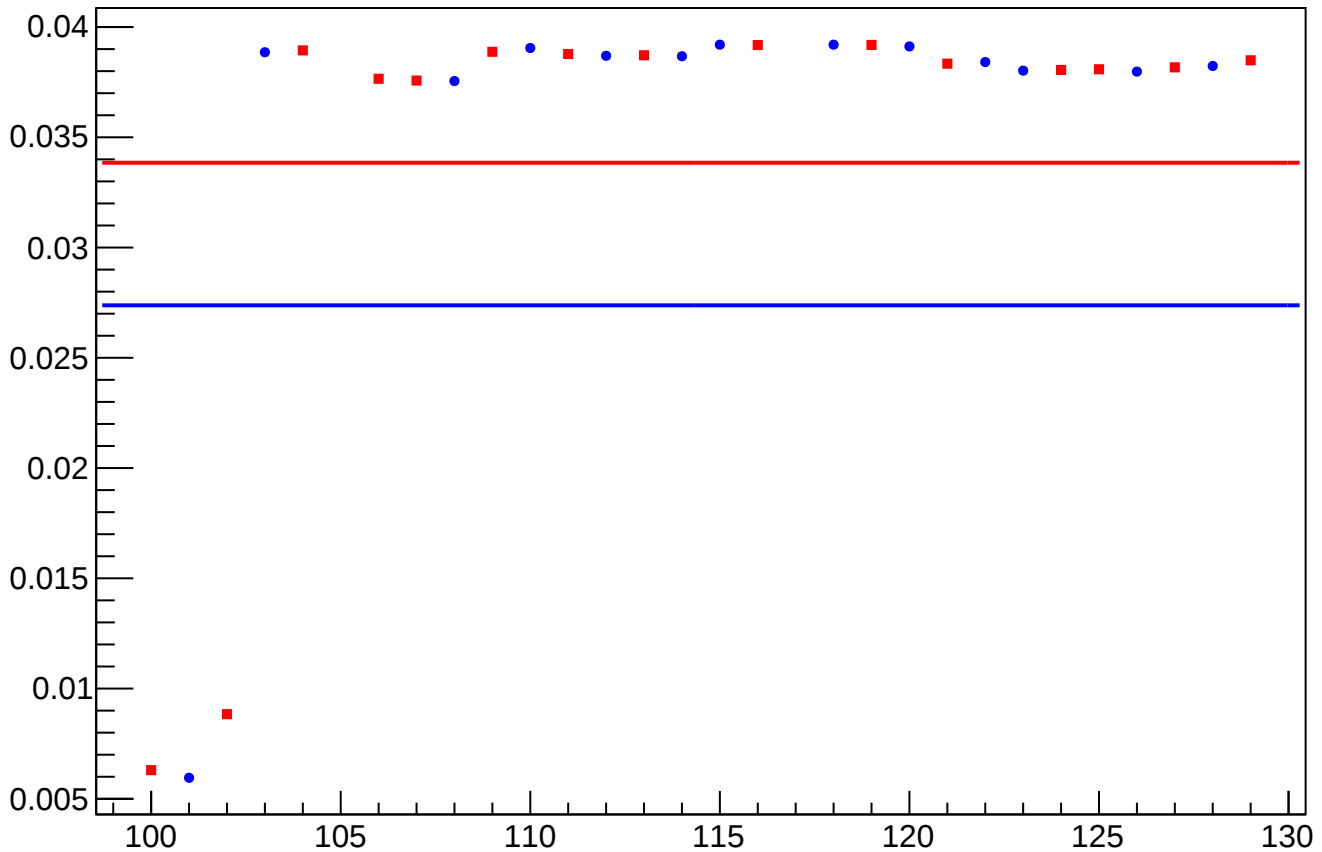
yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2196047.1/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 4887207.4/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 7594981.9/27
 In: 0.000+/-0.000 χ^2/NDF : 2196047.1/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 7594981.9/27

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.000 χ^2/NDF : 87622852347.6/12

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

Right Out: 0.034+/-0.000 χ^2/NDF : 42545940833.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

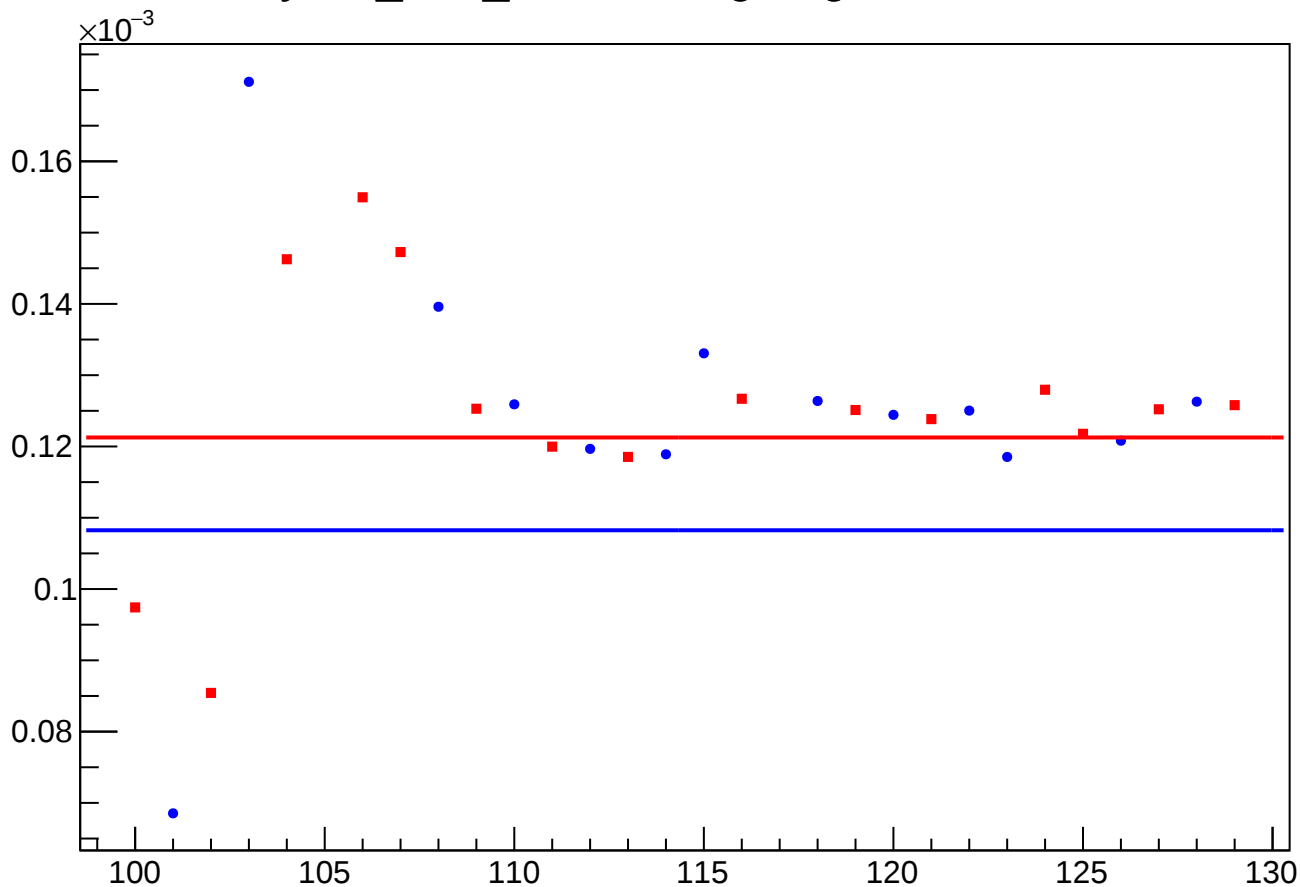
Right: 0.031+/-0.000 χ^2/NDF : 137691907048.8/27

In: 0.027+/-0.000 χ^2/NDF : 87622852347.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.000 χ^2/NDF : 137691907048.8

yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 688473.6/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 214315.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

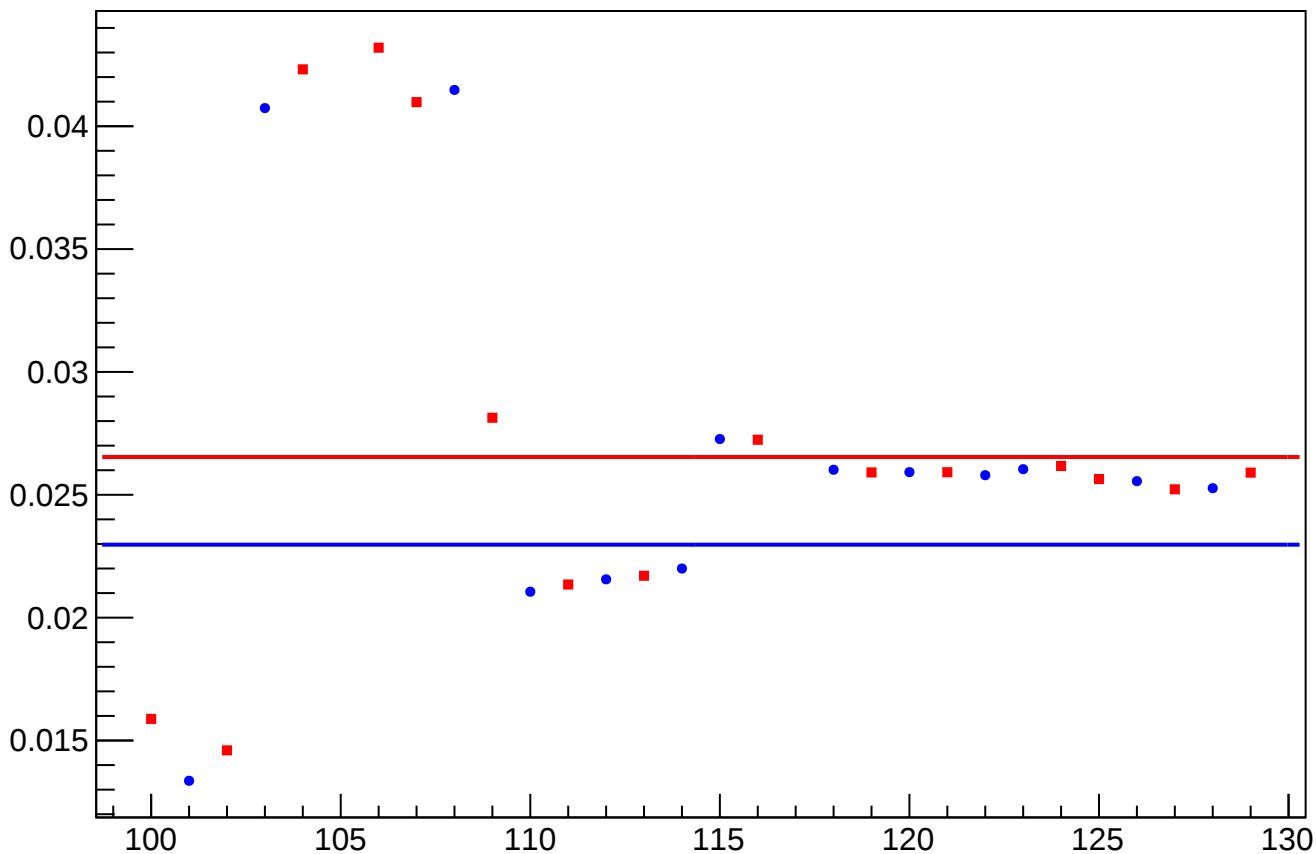
Right: 0.000+/-0.000 χ^2/NDF : 963751.8/27

In: 0.000+/-0.000 χ^2/NDF : 688473.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 963751.8/27

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.000

χ^2/NDF : 3358796475.9/12

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.025+/-0.000

χ^2/NDF : 6643727662.4/27

Right Out: 0.027+/-0.000

χ^2/NDF : 2902012751.2/14

In: 0.023+/-0.000

χ^2/NDF : 3358796475.9/12

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

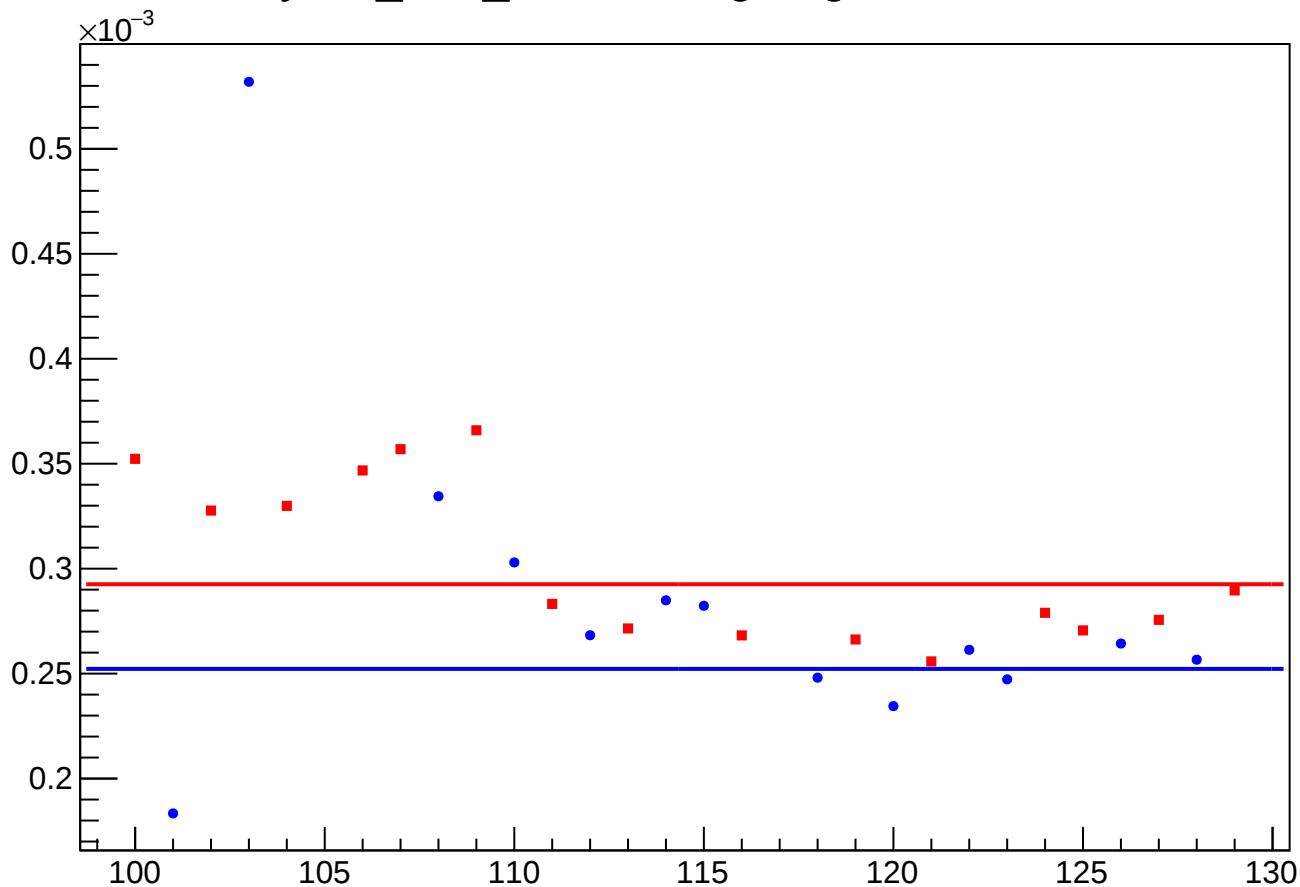
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.025+/-0.000

χ^2/NDF : 6643727662.4/27

yield_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 510777.1/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 132465.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

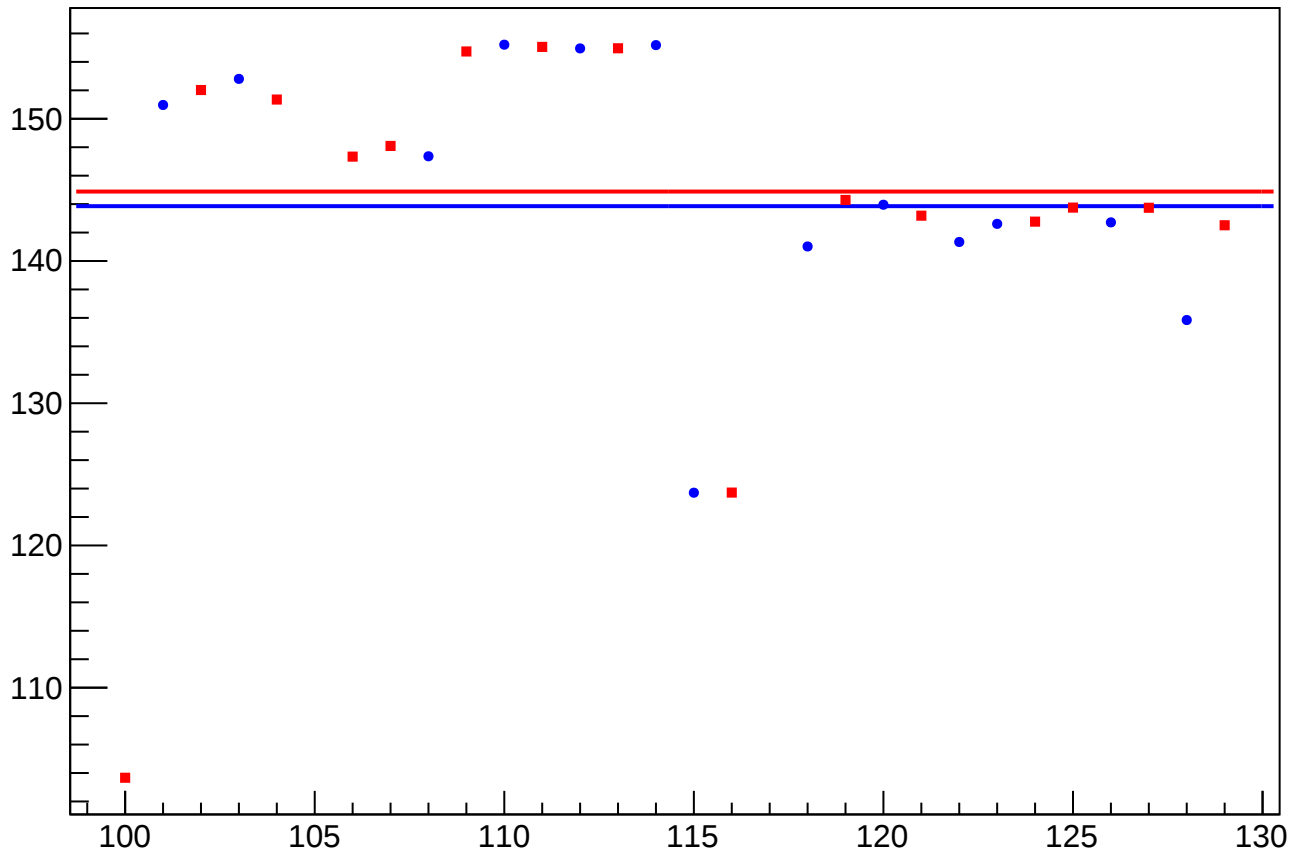
Right: 0.000+/-0.000 χ^2/NDF : 741006.8/27

In: 0.000+/-0.000 χ^2/NDF : 510777.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

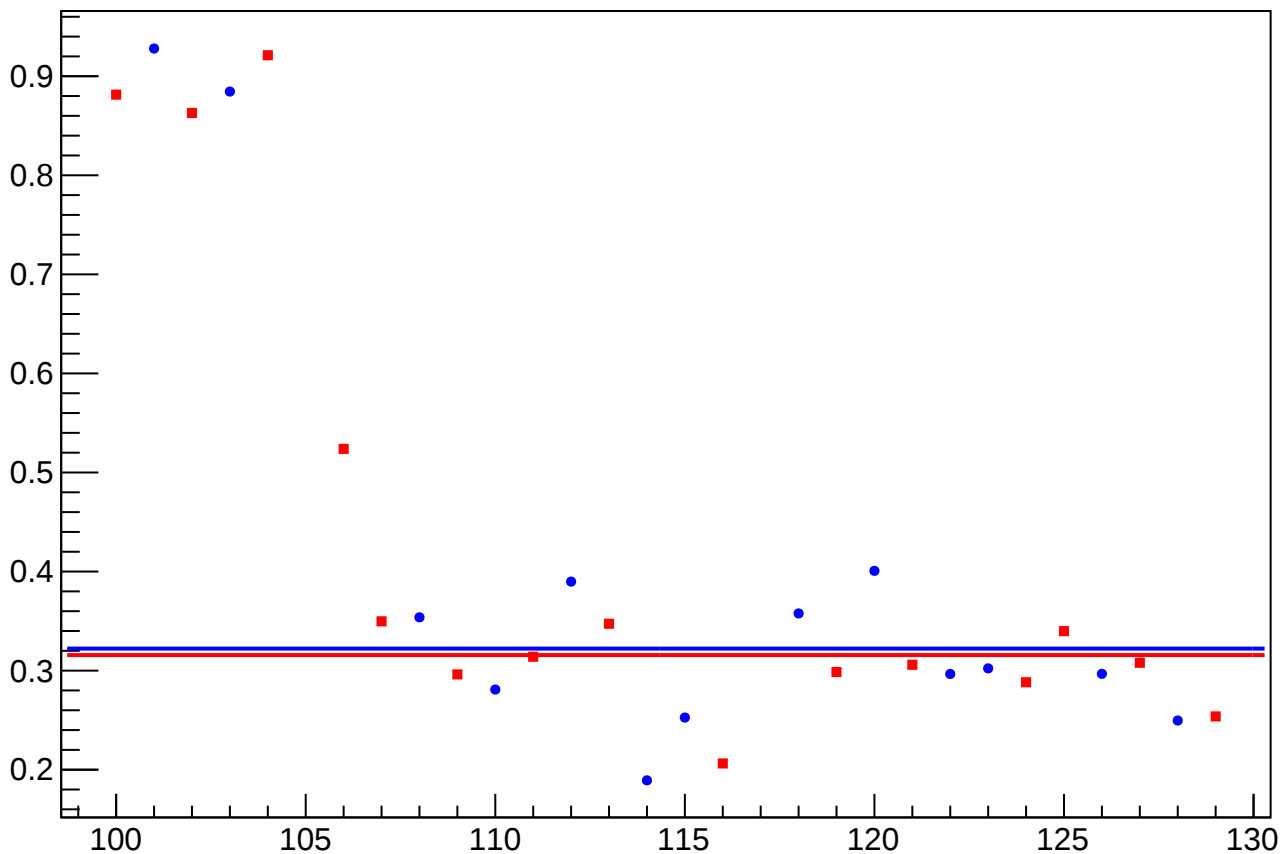
All: 0.000+/-0.000 χ^2/NDF : 741006.8/27

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 143.856 ± 0.000 χ^2/NDF : 2562407289.2/12
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: 144.883 ± 0.000 χ^2/NDF : 3930252912.3/14
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: 144.427 ± 0.000 χ^2/NDF : 6513656949.0

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.322+/-0.000 χ^2/NDF : 1200113.6/12

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

Right Out: 0.316+/-0.000 χ^2/NDF : 1168802.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

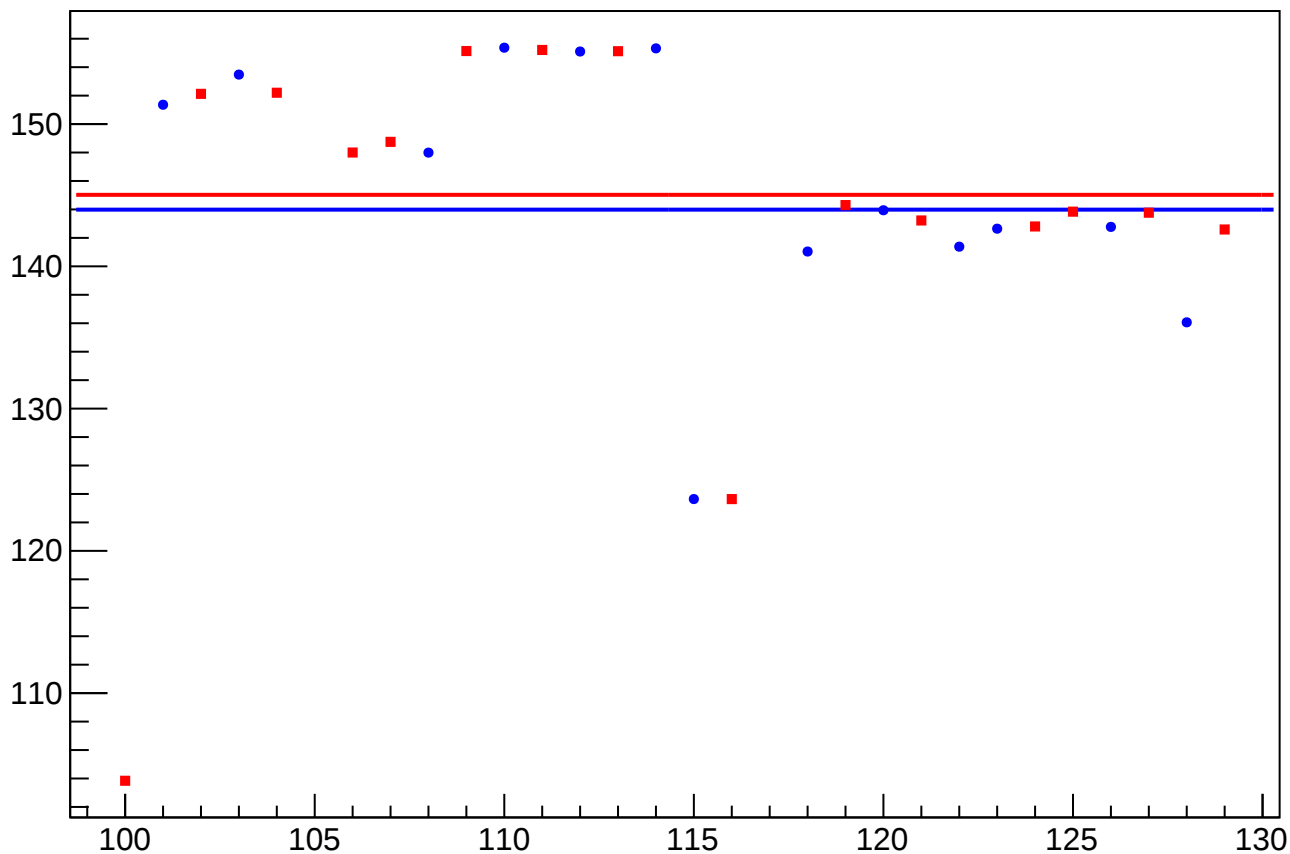
Right: 0.319+/-0.000 χ^2/NDF : 2370622.5/27

In: 0.322+/-0.000 χ^2/NDF : 1200113.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

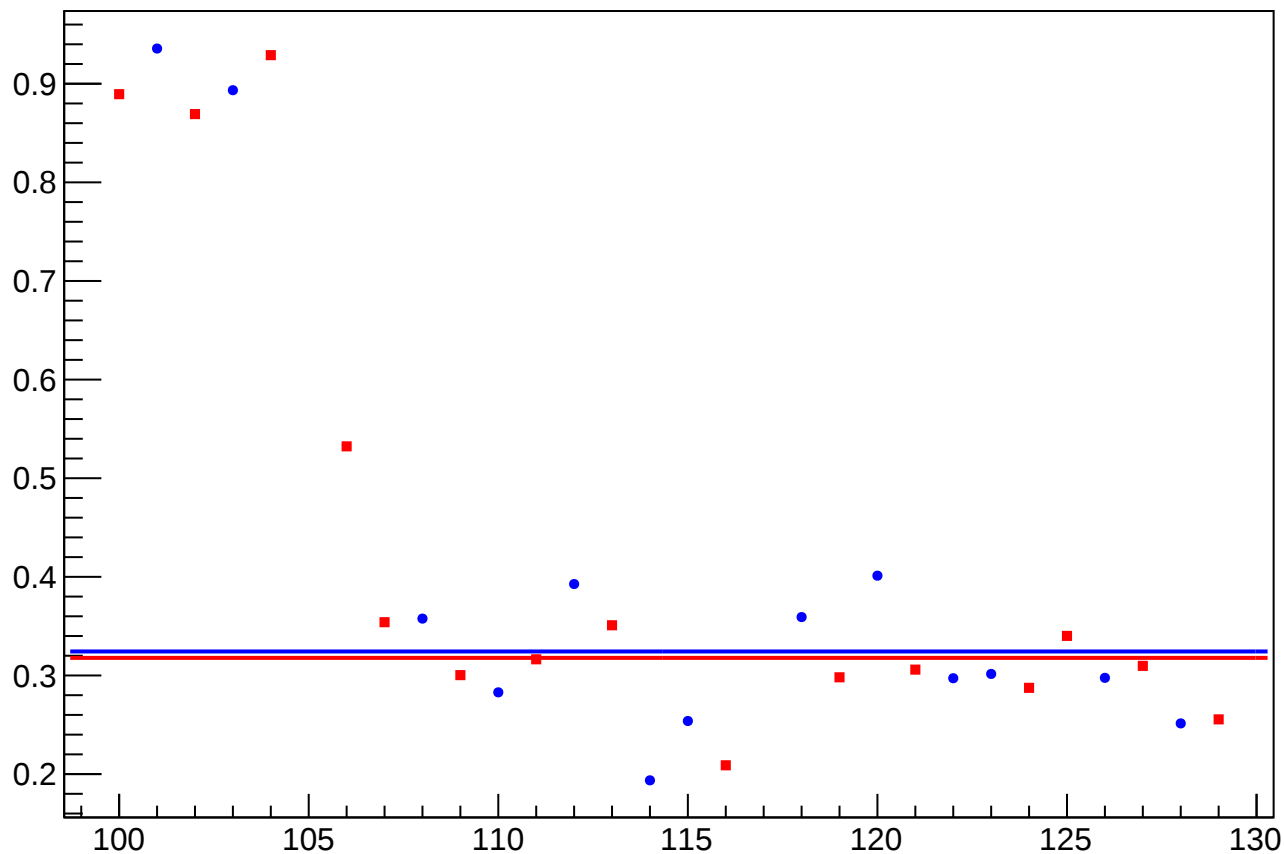
All: 0.319+/-0.000 χ^2/NDF : 2370622.5/27

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 143.985 $\pm$ 0.000 χ^2 /NDF: 2558696189.7/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 145.026 $\pm$ 0.000 χ^2 /NDF: 3946261334.1/14
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 144.564 $\pm$ 0.000 χ^2 /NDF: 6526240703.1/27
 In: 143.985 $\pm$ 0.000 χ^2 /NDF:2558696189.7/12
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 144.564 $\pm$ 0.000 χ^2 /NDF: 6526240703.1

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.324+/-0.000 χ^2/NDF : 1197918.6/12

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

Right Out: 0.318+/-0.000 χ^2/NDF : 1170278.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

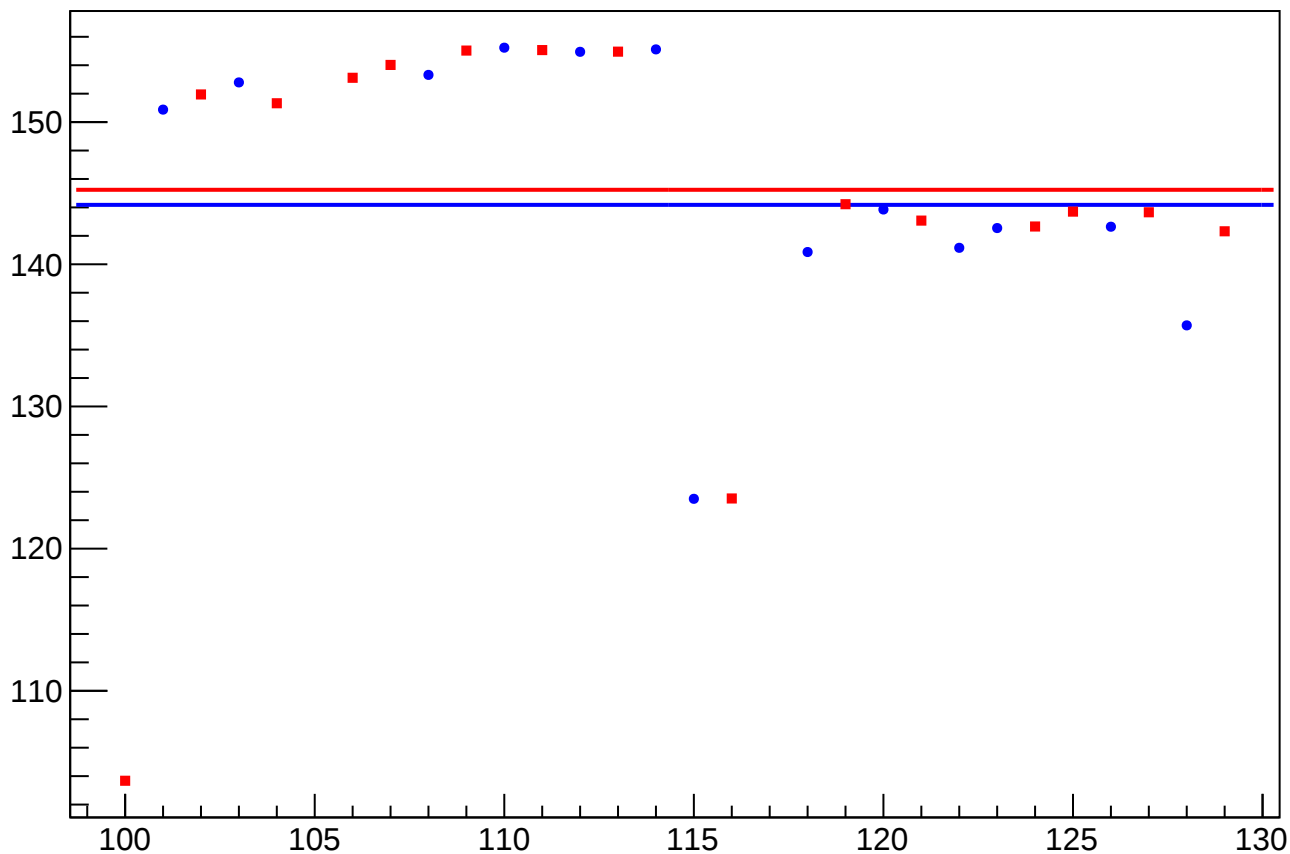
Right: 0.321+/-0.000 χ^2/NDF : 2369859.4/27

In: 0.324+/-0.000 χ^2/NDF : 1197918.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

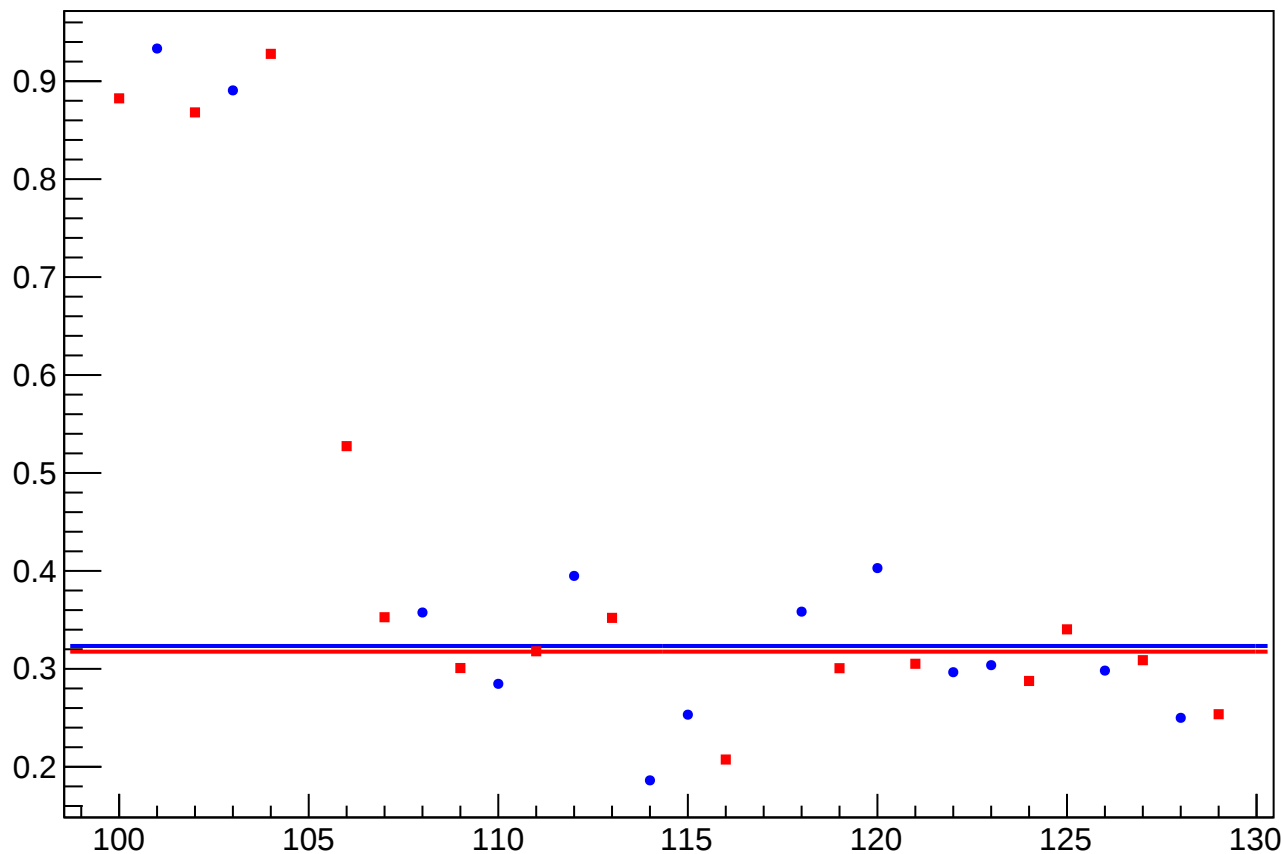
All: 0.321+/-0.000 χ^2/NDF : 2369859.4/27

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 144.179+/-0.000 χ^2/NDF : 2786894011.8/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 145.239+/-0.000 χ^2/NDF : 4200196280.4/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 144.768+/-0.000 χ^2/NDF : 7009202111.3/27
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 144.768+/-0.000 χ^2/NDF : 7009202111.3/27
 In: 144.179+/-0.000 χ^2/NDF : 2786894011.8/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.323+/-0.000 χ^2/NDF : 1212718.7/12

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

Right Out: 0.318+/-0.000 χ^2/NDF : 1173588.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

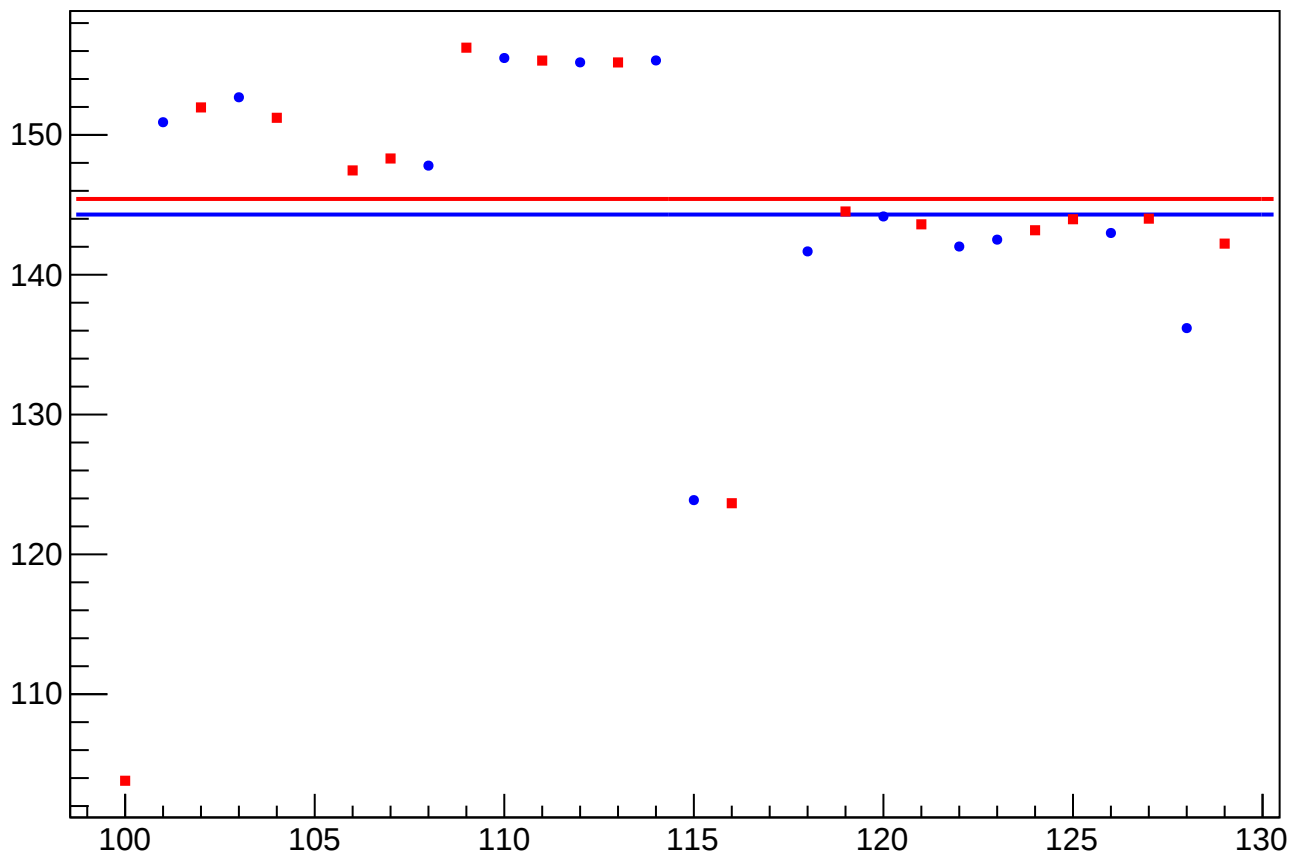
Right: 0.320+/-0.000 χ^2/NDF : 2387640.6/27

In: 0.323+/-0.000 χ^2/NDF : 1212718.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

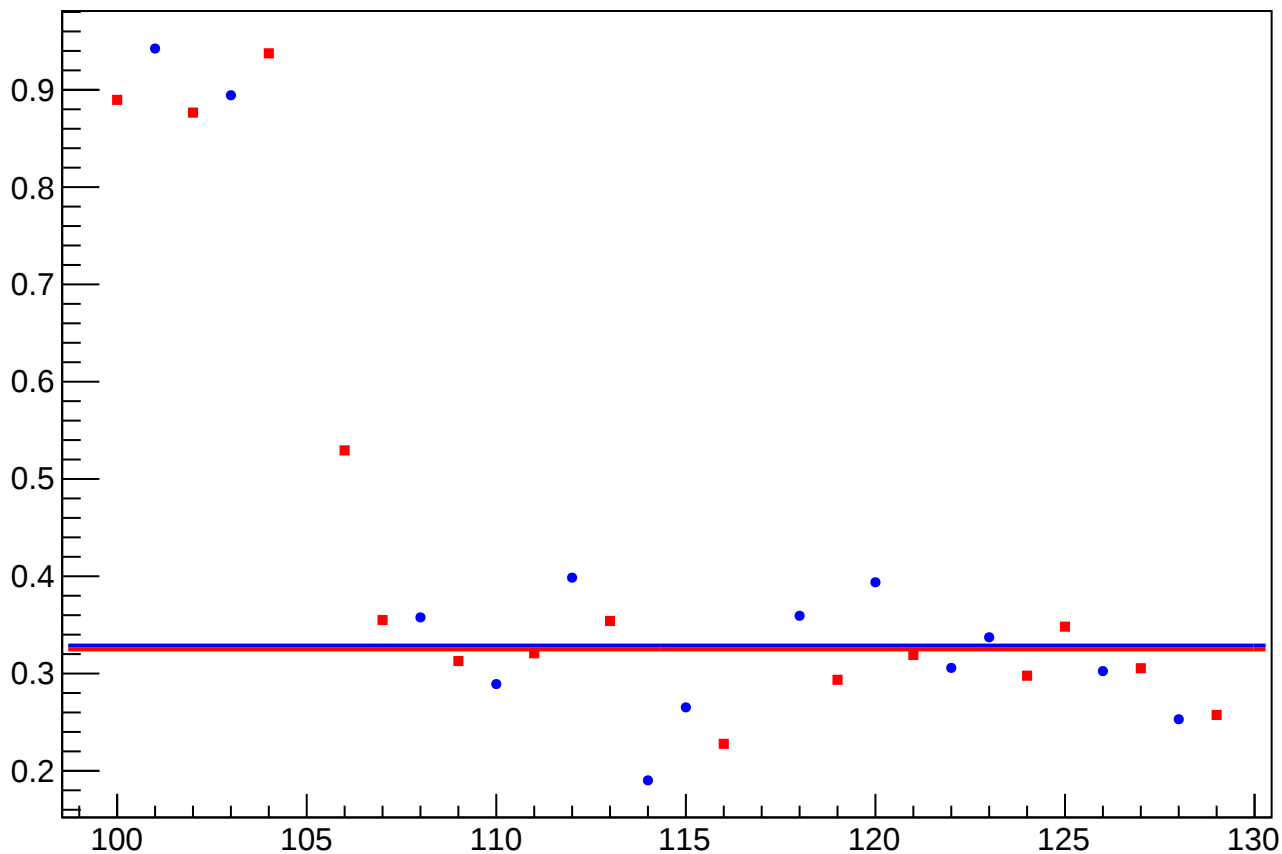
All: 0.320+/-0.000 χ^2/NDF : 2387640.6/27

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 144.305+/-0.000 χ^2/NDF : 2358647330.7/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 145.420+/-0.000 χ^2/NDF : 3625277550.0/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 144.923+/-0.000 χ^2/NDF : 6007497111.5

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.329+/-0.000 χ^2/NDF : 1185797.2/12

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

Right Out: 0.325+/-0.000 χ^2/NDF : 1119485.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

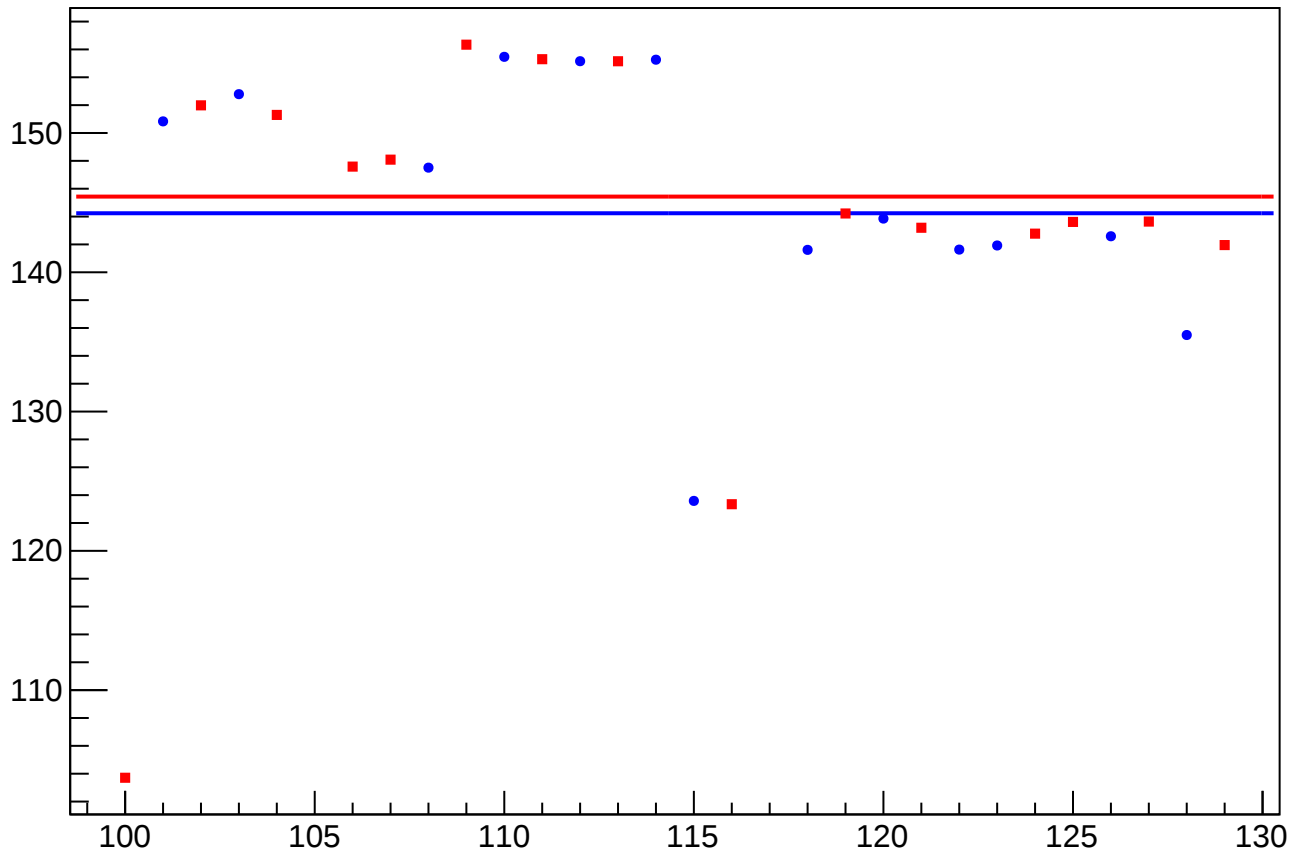
Right: 0.327+/-0.000 χ^2/NDF : 2305861.4/27

In: 0.329+/-0.000 χ^2/NDF : 1185797.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

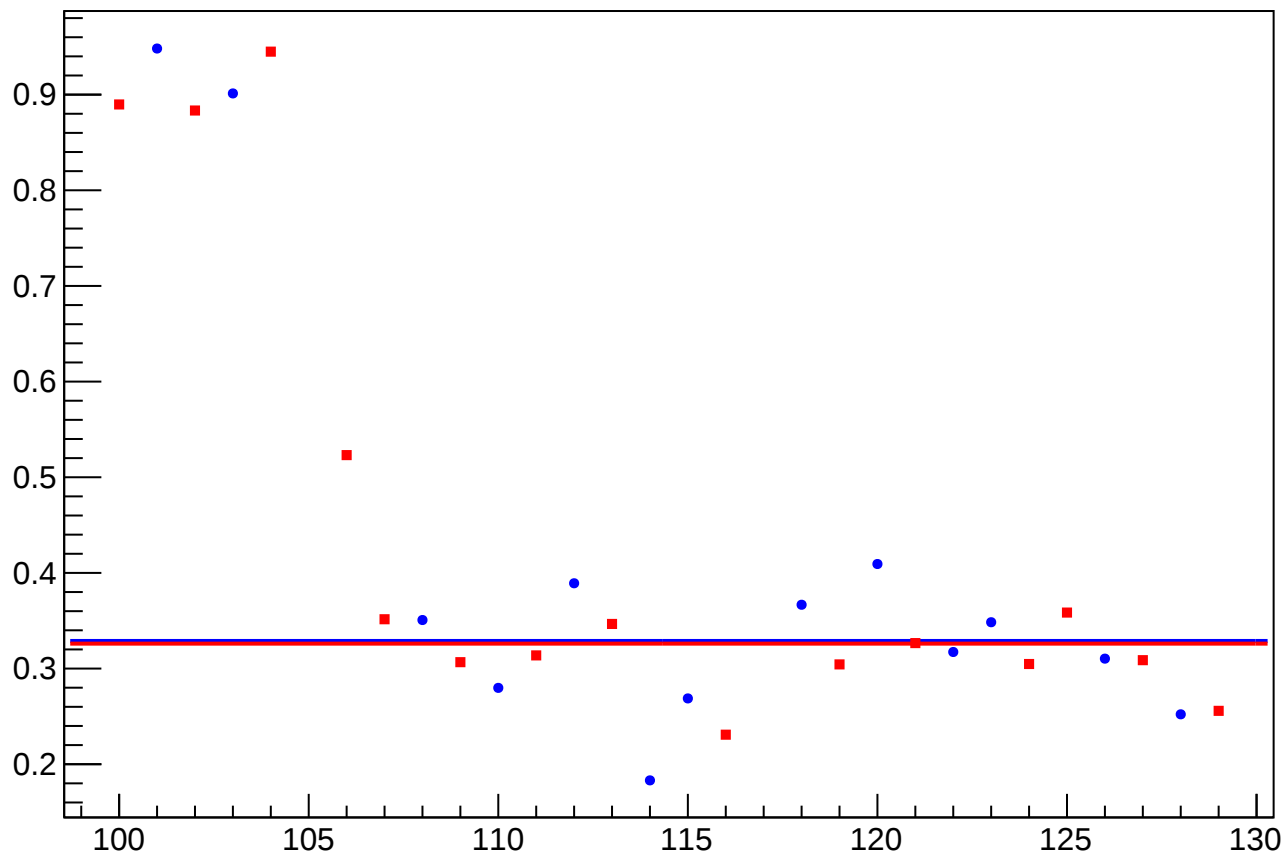
All: 0.327+/-0.000 χ^2/NDF : 2305861.4/27

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Left: 0.000±/-0.000 χ^2/NDF : 0.0/0
 Right: 144.900±/-0.000 χ^2/NDF : 6222614600.9/27
 In: 144.238±/-0.000 χ^2/NDF : 2494733346.6/12
 Out: 0.000±/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000±/-0.000 χ^2/NDF : 0.0/0
 All: 144.900±/-0.000 χ^2/NDF : 6222614600.9

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.329+/-0.000 χ^2/NDF : 1210549.0/12

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

Right Out: 0.326+/-0.000 χ^2/NDF : 1112266.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

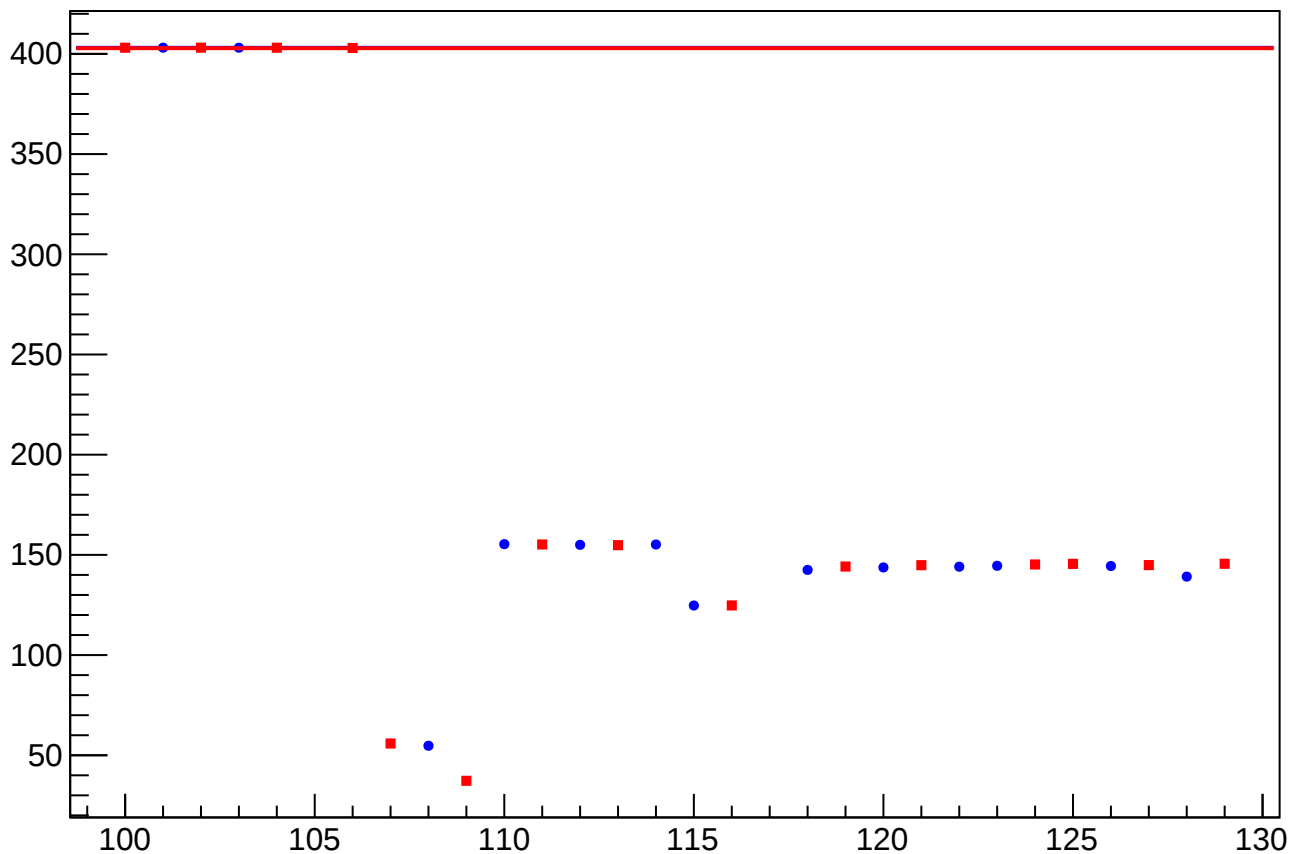
Right: 0.327+/-0.000 χ^2/NDF : 2323110.3/27

In: 0.329+/-0.000 χ^2/NDF : 1210549.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

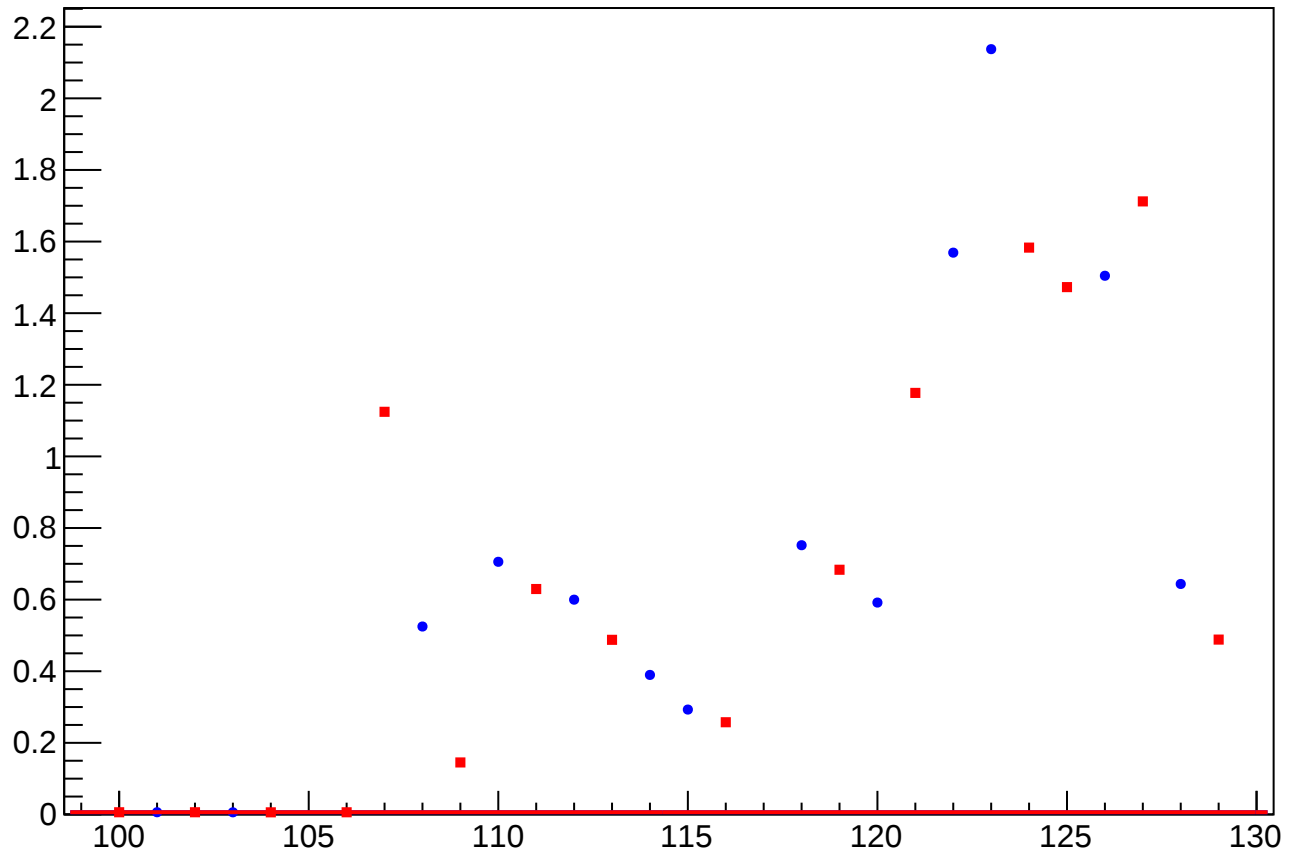
All: 0.327+/-0.000 χ^2/NDF : 2323110.3/27

yield_cav4bQ_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 403.026+/-0.000 χ^2 /NDF: 548517935078.0/12
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 402.929+/-0.000 χ^2 /NDF: 3239408817279.9
 In: 403.026+/-0.000 χ^2 /NDF: 548517935078.0/12
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 402.929+/-0.000 χ^2 /NDF: 323940881727

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 5616656.8/12

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

Right Out: 0.006+/-0.000 χ^2/NDF : 6512769.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

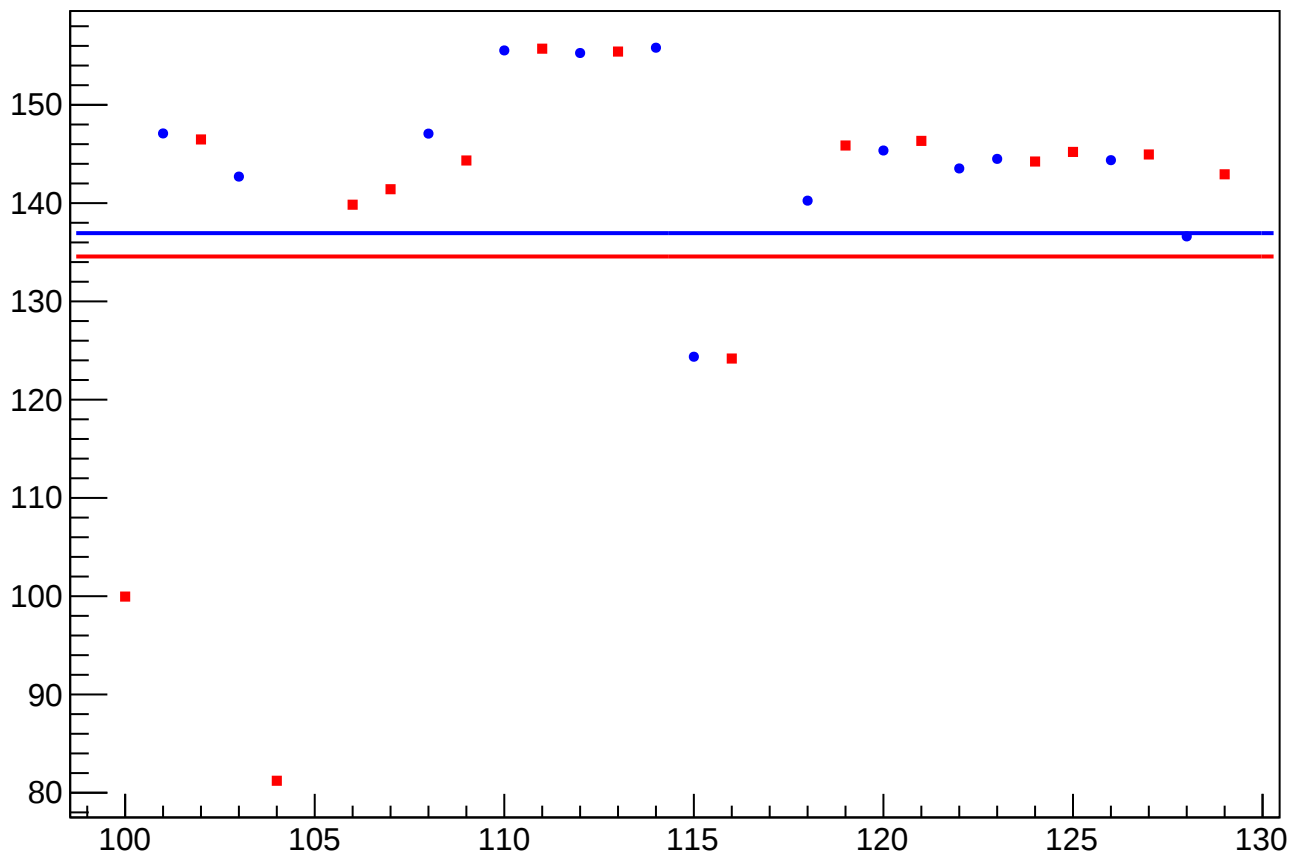
Right: 0.006+/-0.000 χ^2/NDF : 12129455.1/27

In: 0.006+/-0.000 χ^2/NDF : 5616656.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

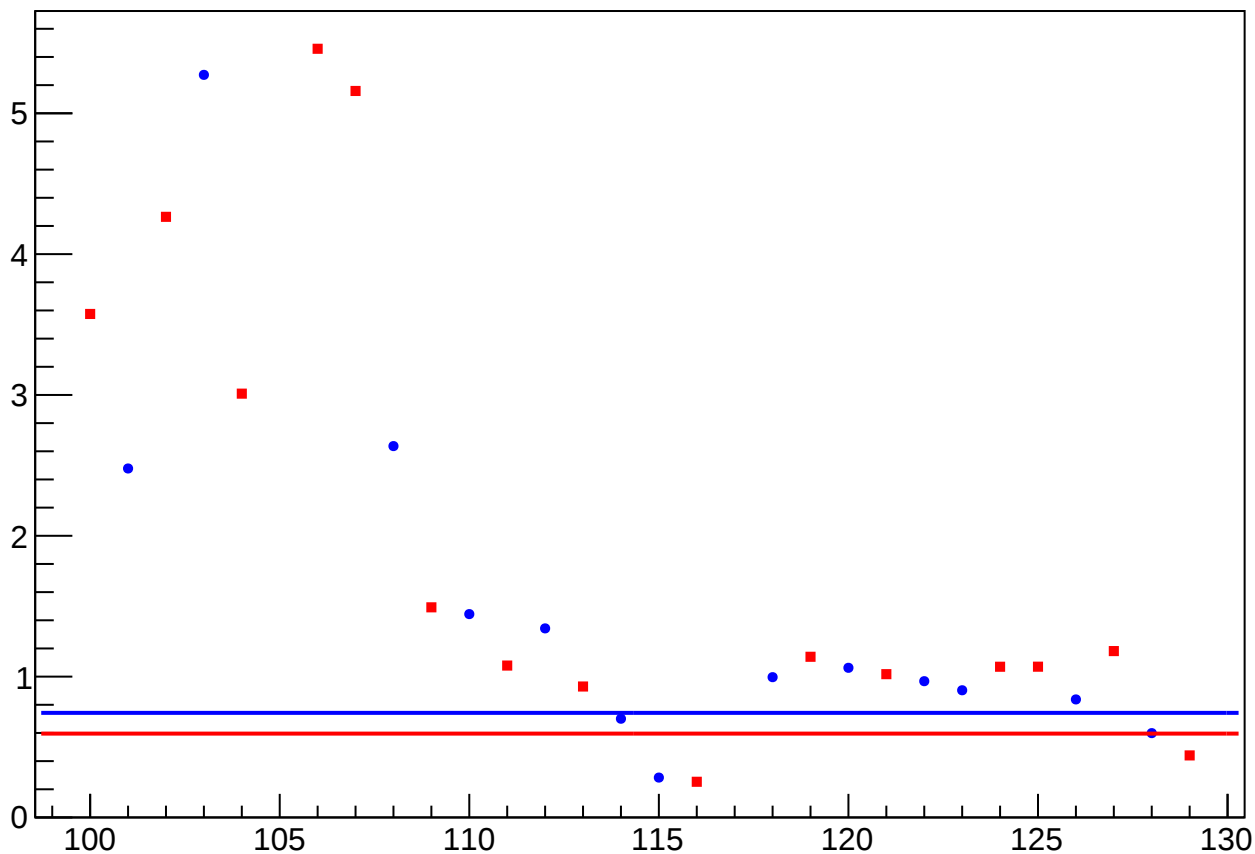
All: 0.006+/-0.000 χ^2/NDF : 12129455.1/27

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 136.946 $\pm$ 0.000 χ^2 /NDF: 506034939.7/12
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 135.508 $\pm$ 0.000 χ^2 /NDF: 1609663257.1/27
 Right Out: 134.569 $\pm$ 0.000 χ^2 /NDF: 1087770530.4/14
 In: 136.946 $\pm$ 0.000 χ^2 /NDF: 506034939.7/12
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 135.508 $\pm$ 0.000 χ^2 /NDF: 1609663257.1

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.743 ± 0.000 χ^2/NDF : 2801731.5/12

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

Right Out: 0.595 ± 0.000 χ^2/NDF : 4467785.7/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

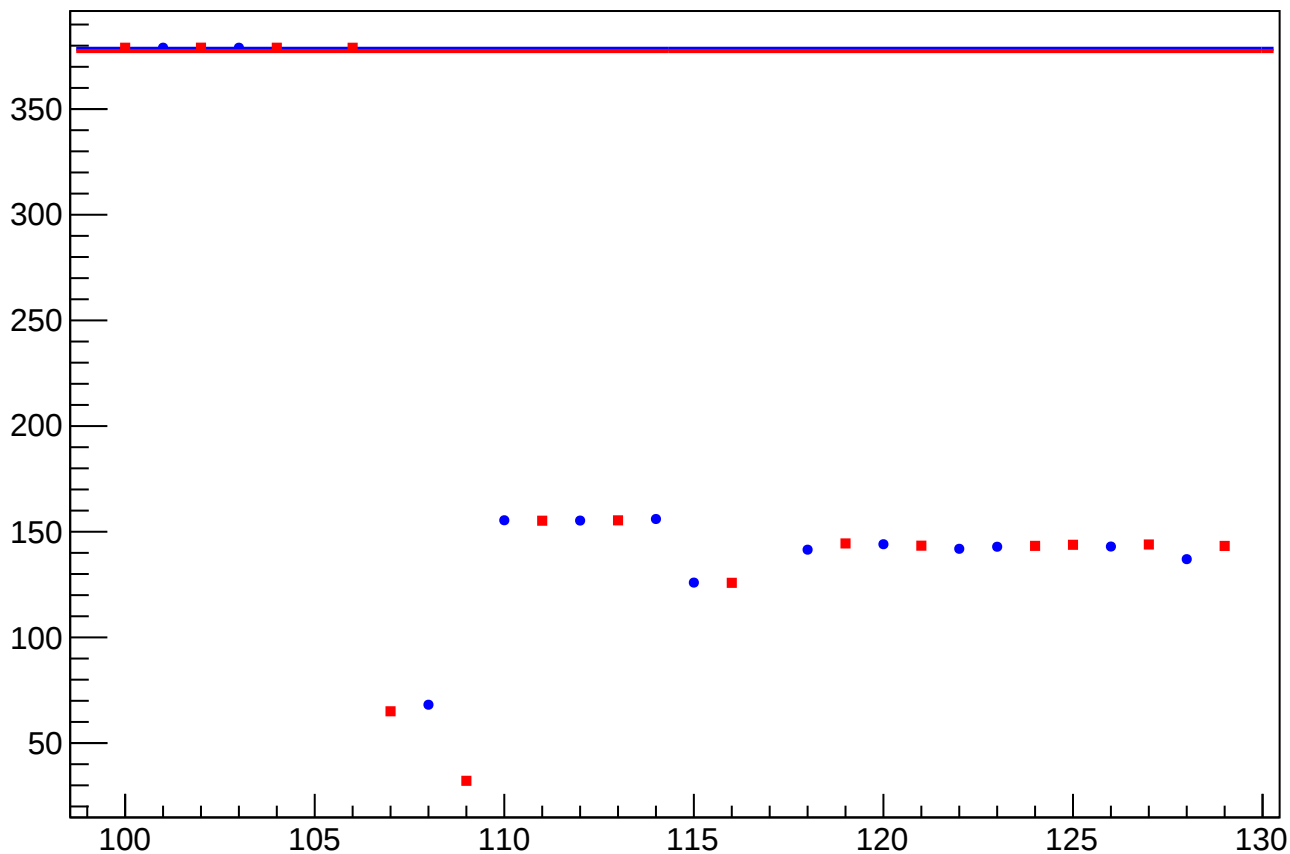
Right: 0.654 ± 0.000 χ^2/NDF : 7391292.8/27

In: 0.743 ± 0.000 χ^2/NDF : 2801731.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

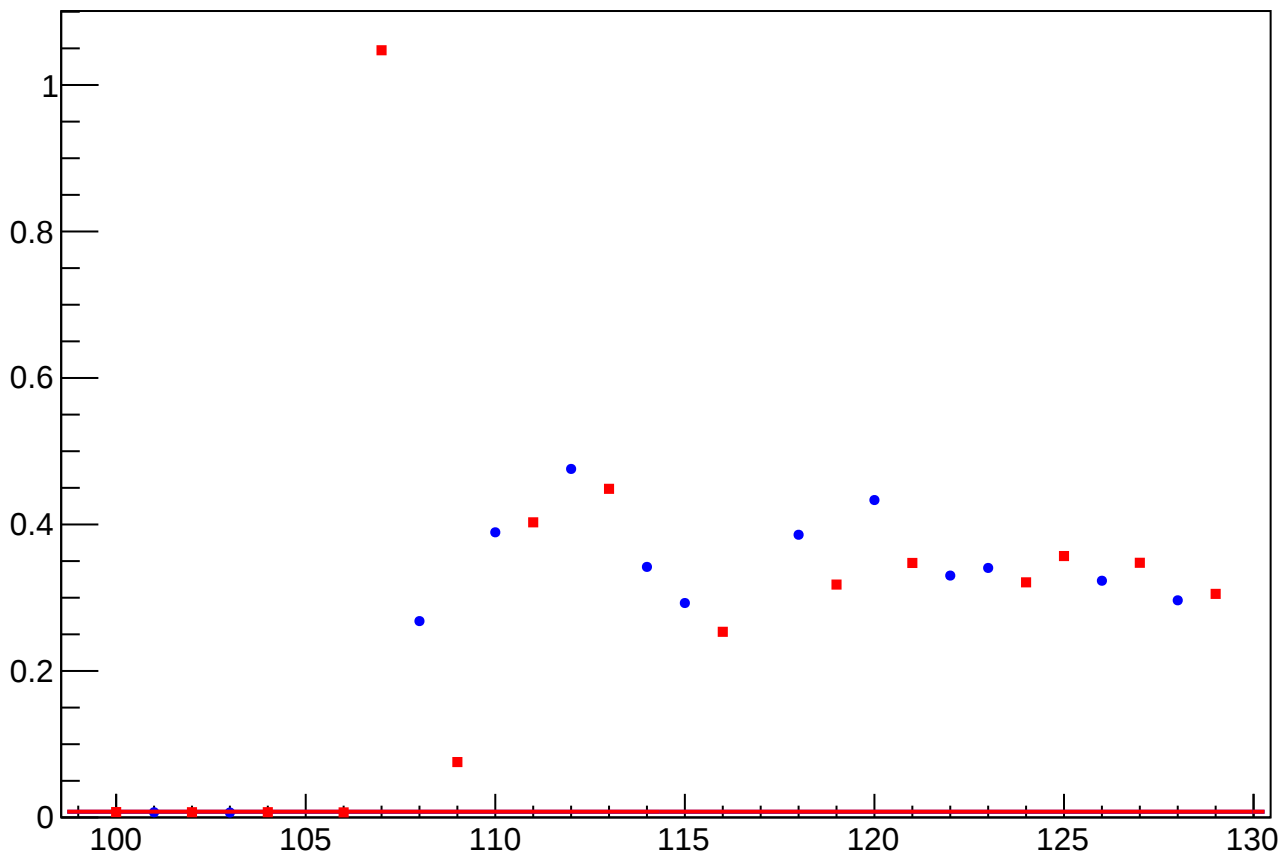
All: 0.654 ± 0.000 χ^2/NDF : 7391292.8/27

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 378.543 $\pm$ 0.000 χ^2 /NDF: 1697010362414.3/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 377.420 $\pm$ 0.000 χ^2 /NDF: 7813643973478.6/14
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 377.945 $\pm$ 0.000 χ^2 /NDF: 9519582711304.2

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 6167761.3/12

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

Right Out: 0.008+/-0.000 χ^2/NDF : 6779635.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

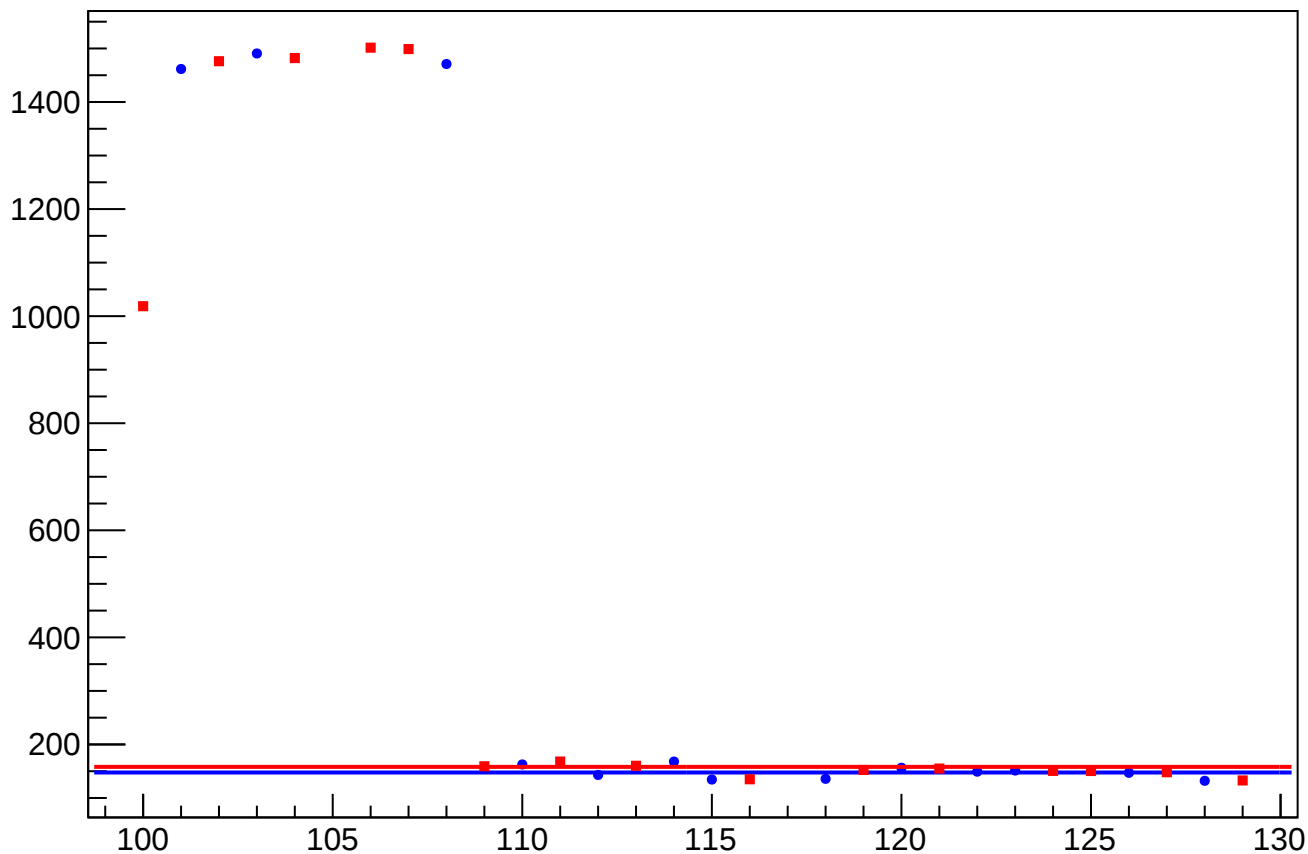
Right: 0.008+/-0.000 χ^2/NDF : 12947887.3/27

In: 0.008+/-0.000 χ^2/NDF :6167761.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

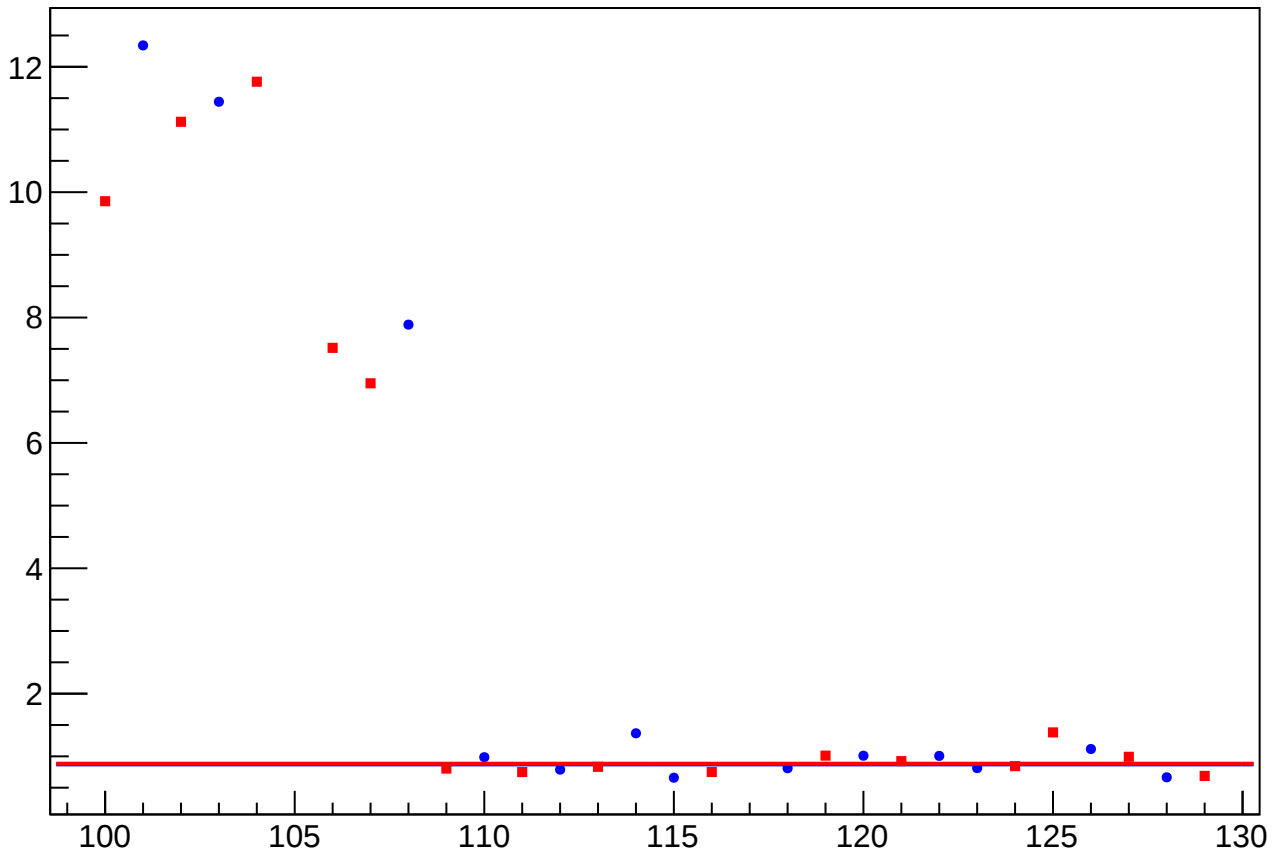
All: 0.008+/-0.000 χ^2/NDF : 12947887.3/27

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 147.617+/-0.001 χ^2/NDF : 24327201140.2/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 158.117+/-0.001 χ^2/NDF : 33370454959.9/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 153.226+/-0.000 χ^2/NDF : 57895873831.6/27
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 153.226+/-0.000 χ^2/NDF : 57895873831.6/27
 In: 147.617+/-0.001 χ^2/NDF : 24327201140.2/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.872+/-0.000 χ^2/NDF : 2647938.8/12

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

Right Out: 0.882+/-0.000 χ^2/NDF : 2792426.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

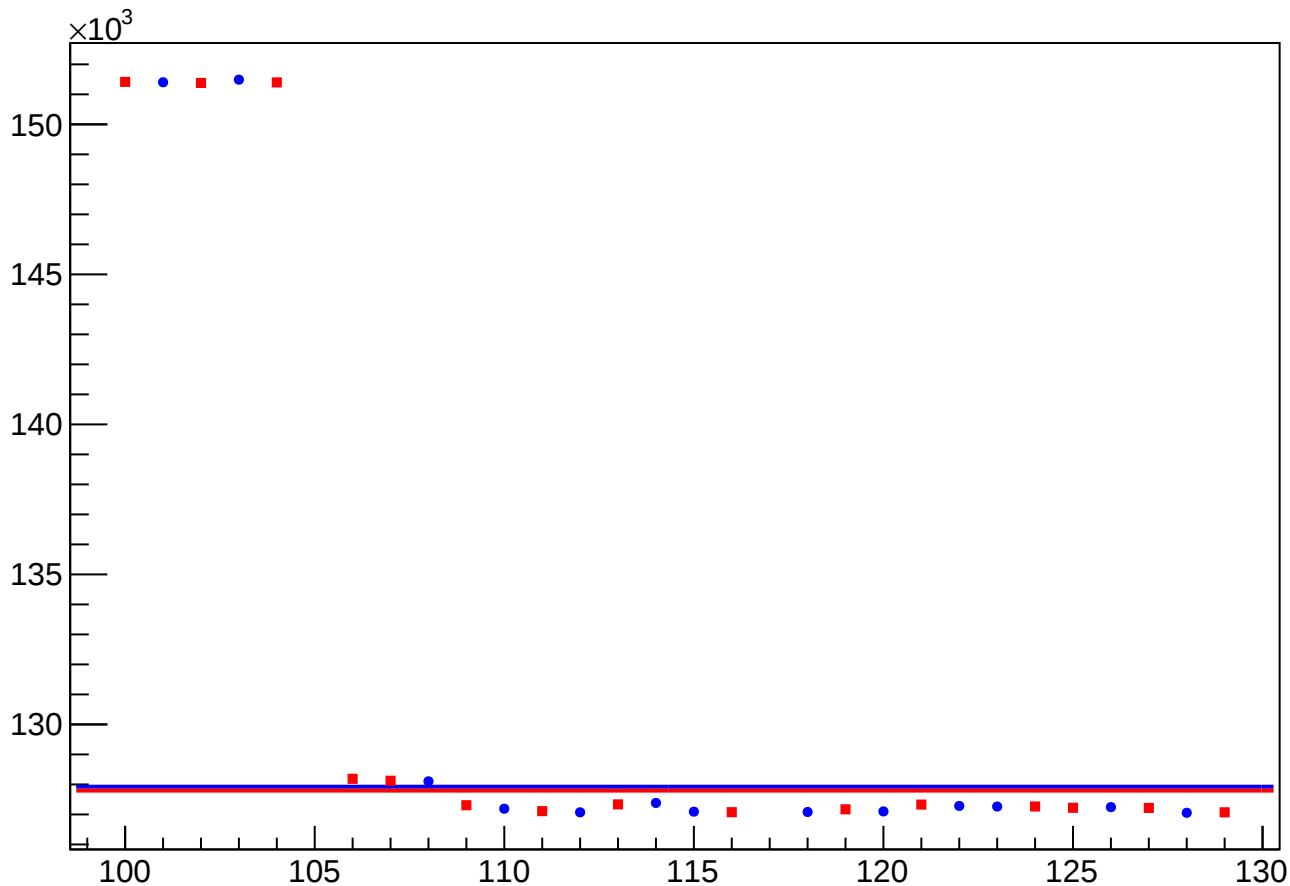
Right: 0.878+/-0.000 χ^2/NDF : 5440756.4/27

In: 0.872+/-0.000 χ^2/NDF : 2647938.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

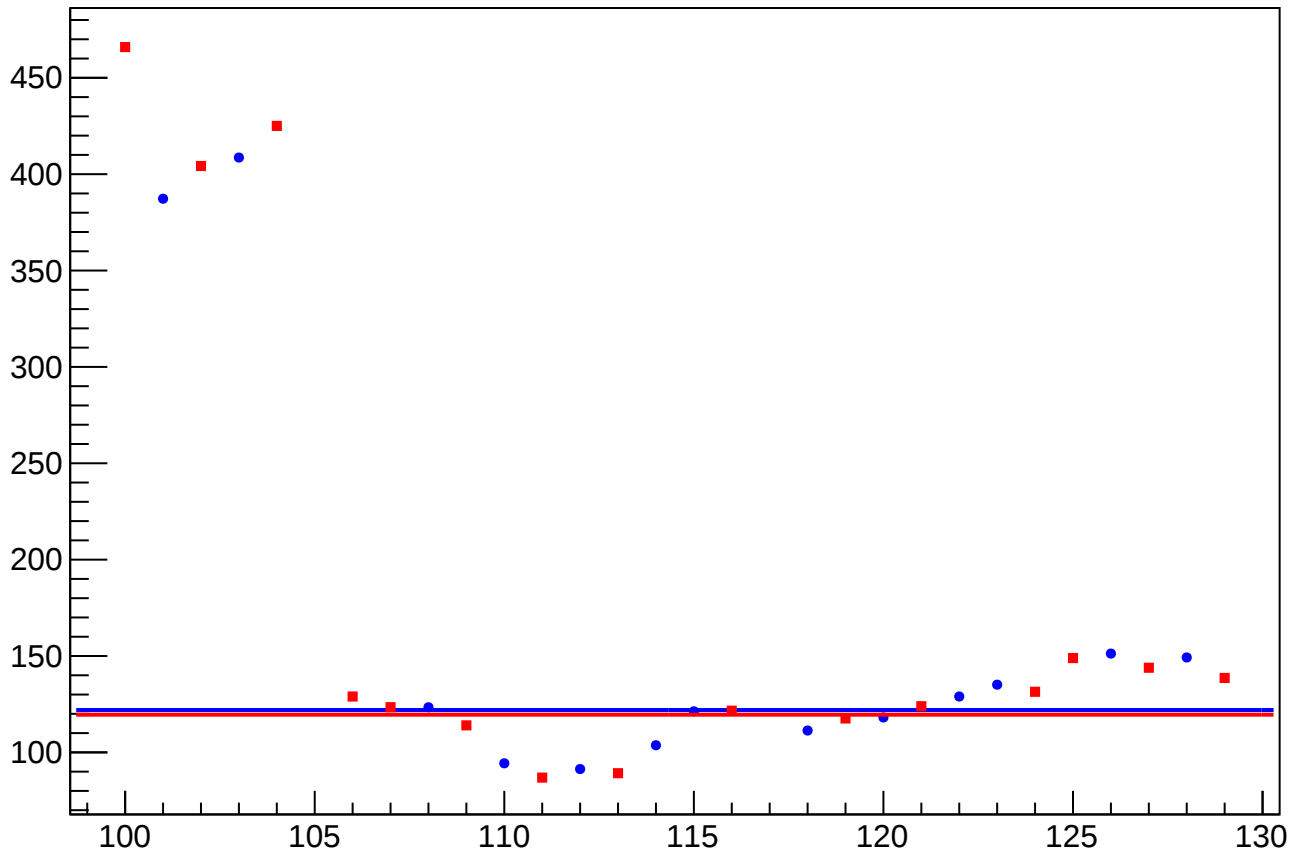
All: 0.878+/-0.000 χ^2/NDF : 5440756.4/27

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 127923.946 $\pm$ 0.062 χ^2 /NDF: 4178199627.7/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 127794.681 $\pm$ 0.055 χ^2 /NDF: 3657753632.4/14
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 127850.987 $\pm$ 0.041 χ^2 /NDF: 7838384330.7/12

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 121.970 $\pm$ 0.044 χ^2 /NDF: 1335032.2/12

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

Right Out: 119.557 $\pm$ 0.039 χ^2 /NDF: 1415630.0/14

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

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

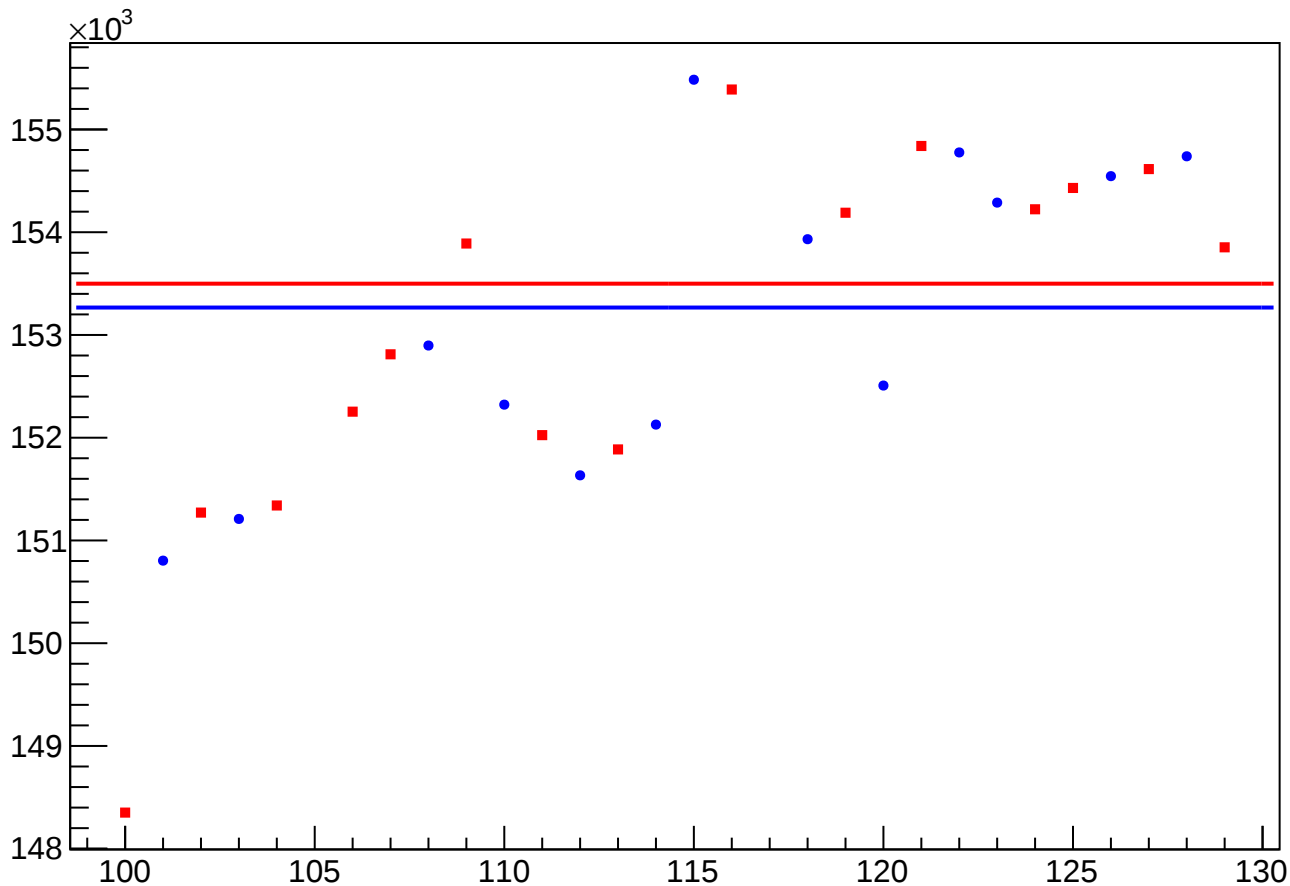
Right: 120.608 $\pm$ 0.029 χ^2 /NDF: 2752357.0/27

In: 121.970 $\pm$ 0.044 χ^2 /NDF:1335032.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 120.608 $\pm$ 0.029 χ^2 /NDF: 2752357.0/27

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 153266.902+/-0.090 χ^2 /NDF: 221944558.0/12

Right: 153405.061+/-0.057 χ^2 /NDF: 487547823.4/2

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

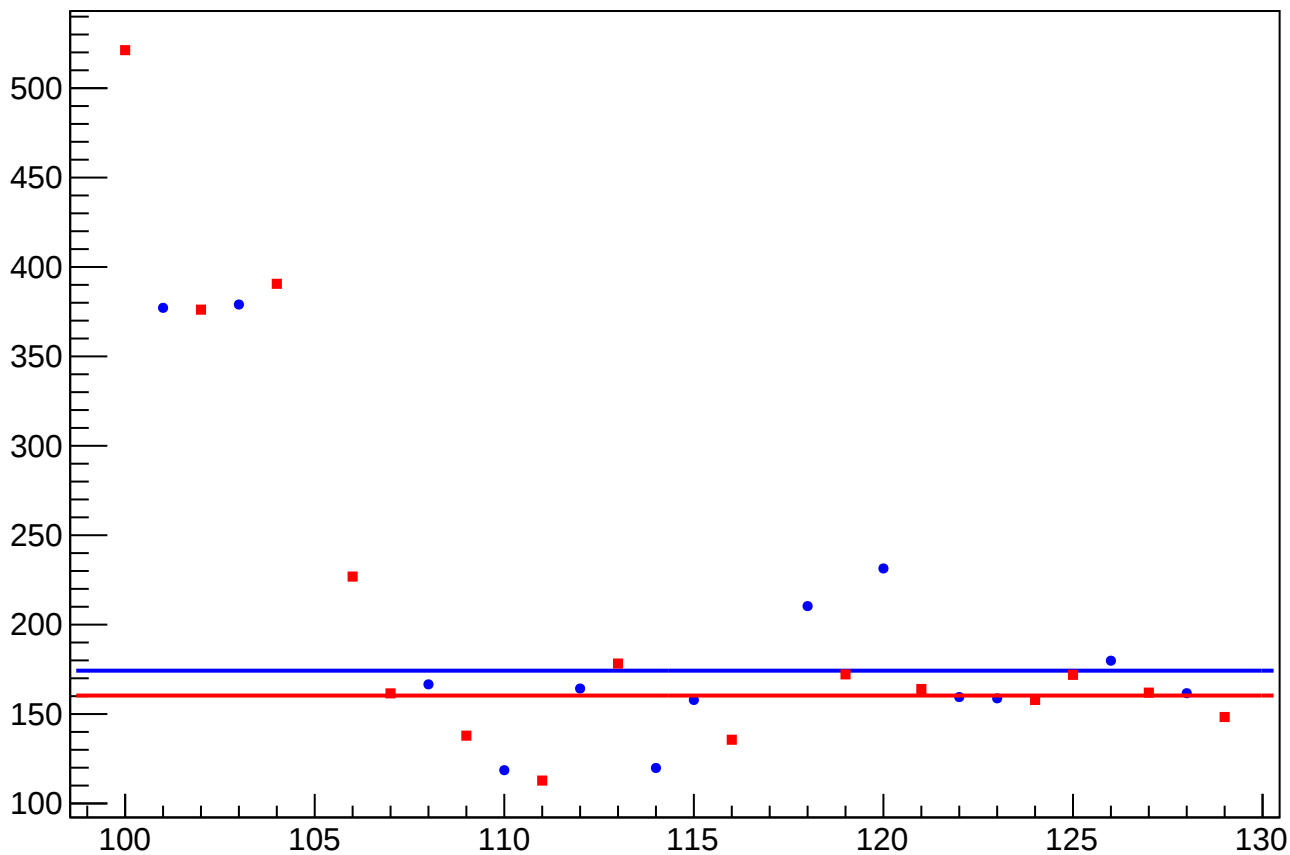
Right Out: 153499.220+/-0.074 χ^2 /NDF: 261610101.1/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 153405.061+/-0.057 χ^2 /NDF: 487547823.4/2

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 174.256+/-0.063 χ^2/NDF : 914069.1/12

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

Right Out: 160.342+/-0.052 χ^2/NDF : 1012505.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

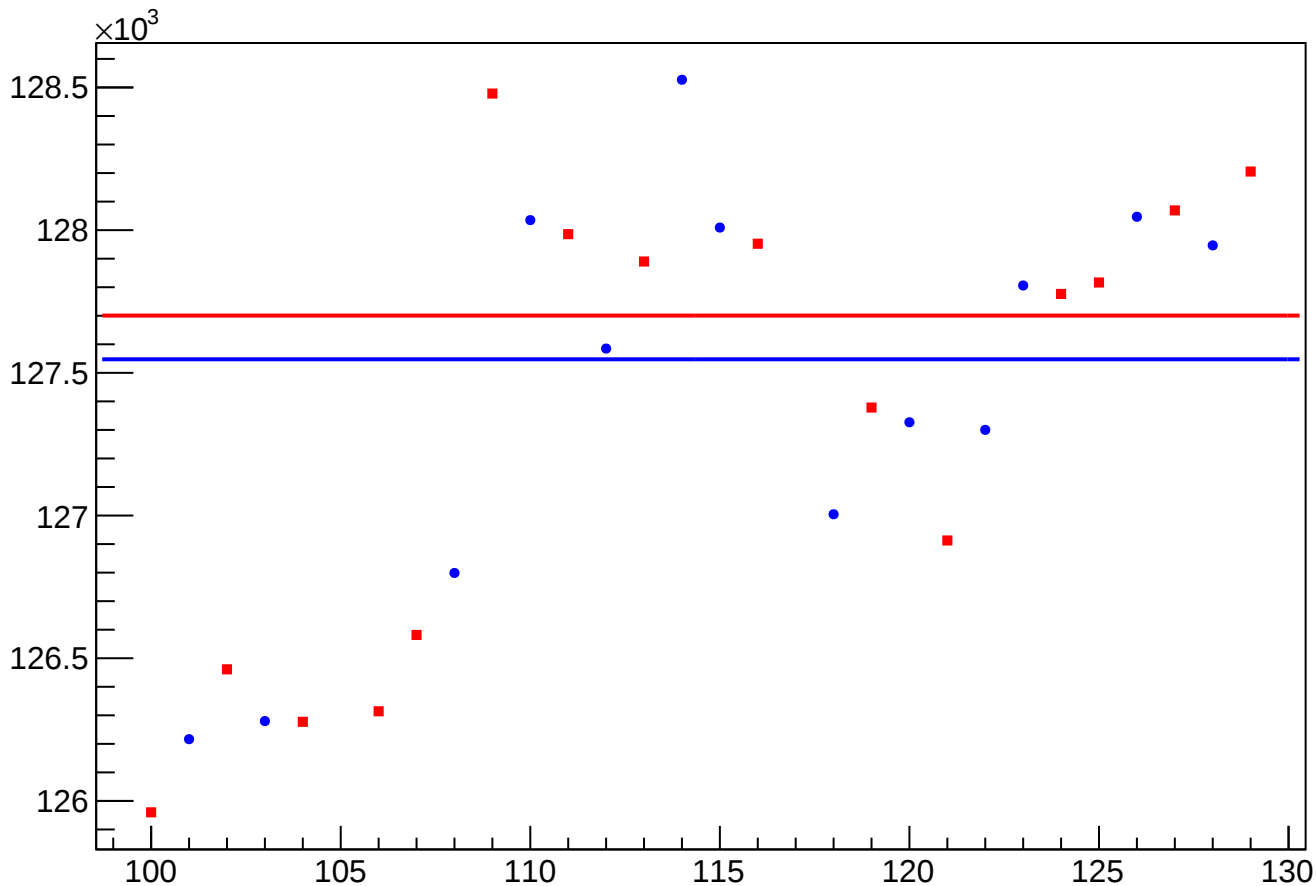
Right: 165.981+/-0.040 χ^2/NDF : 1955222.1/27

In: 174.256+/-0.063 χ^2/NDF : 914069.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.981+/-0.040 χ^2/NDF : 1955222.1/27

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 127636.139+/-0.046 χ^2 /NDF: 169926786.0/2

In: 127547.495+/-0.071 χ^2 /NDF: 65047244.2/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 127636.139+/-0.046 χ^2 /NDF: 169926786.0/2

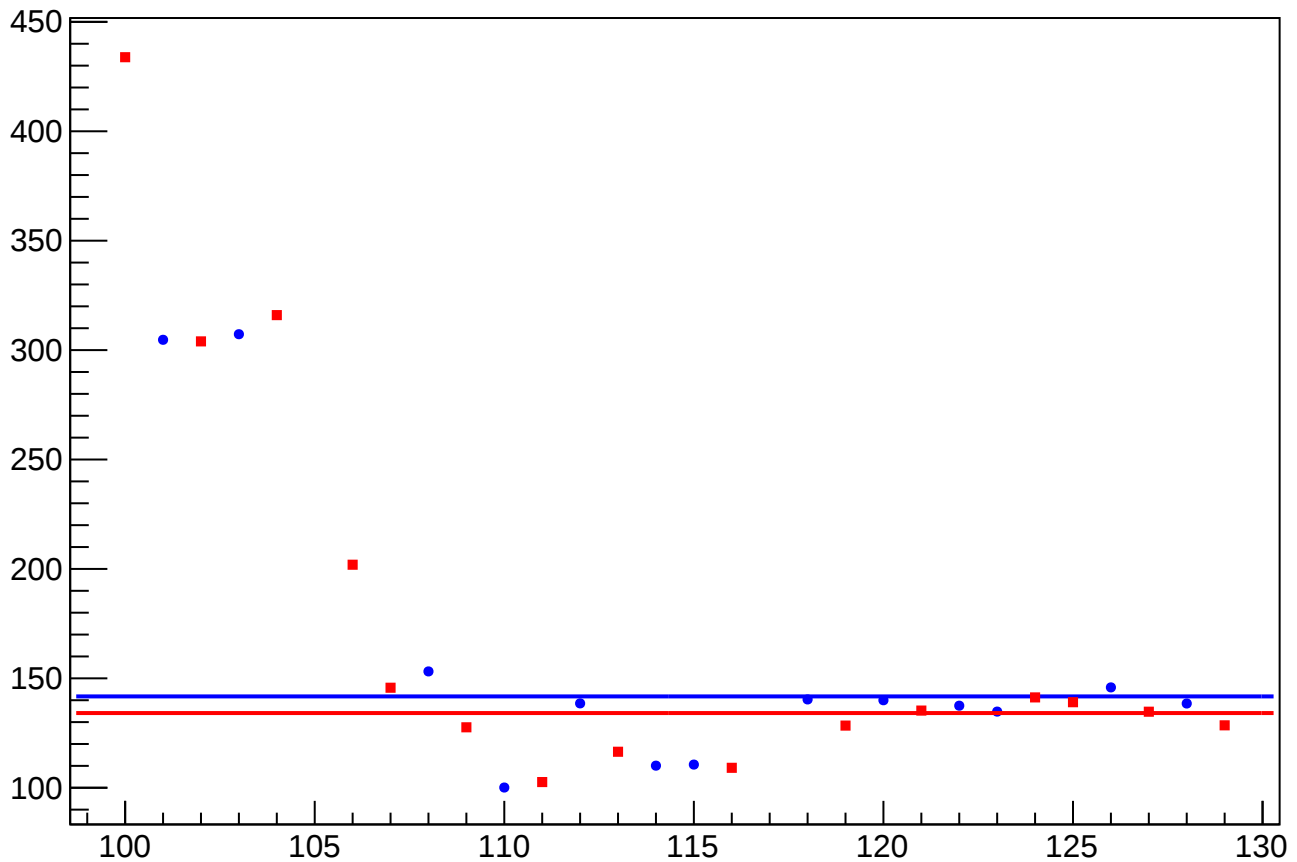
Right In: 127547.495+/-0.071 χ^2 /NDF: 65047244.2/12

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

Right Out: 127700.734+/-0.060 χ^2 /NDF: 102148855.9/14

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

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 141.744+/-0.050 χ^2/NDF : 822928.7/12

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

Right Out: 134.137+/-0.043 χ^2/NDF : 926268.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

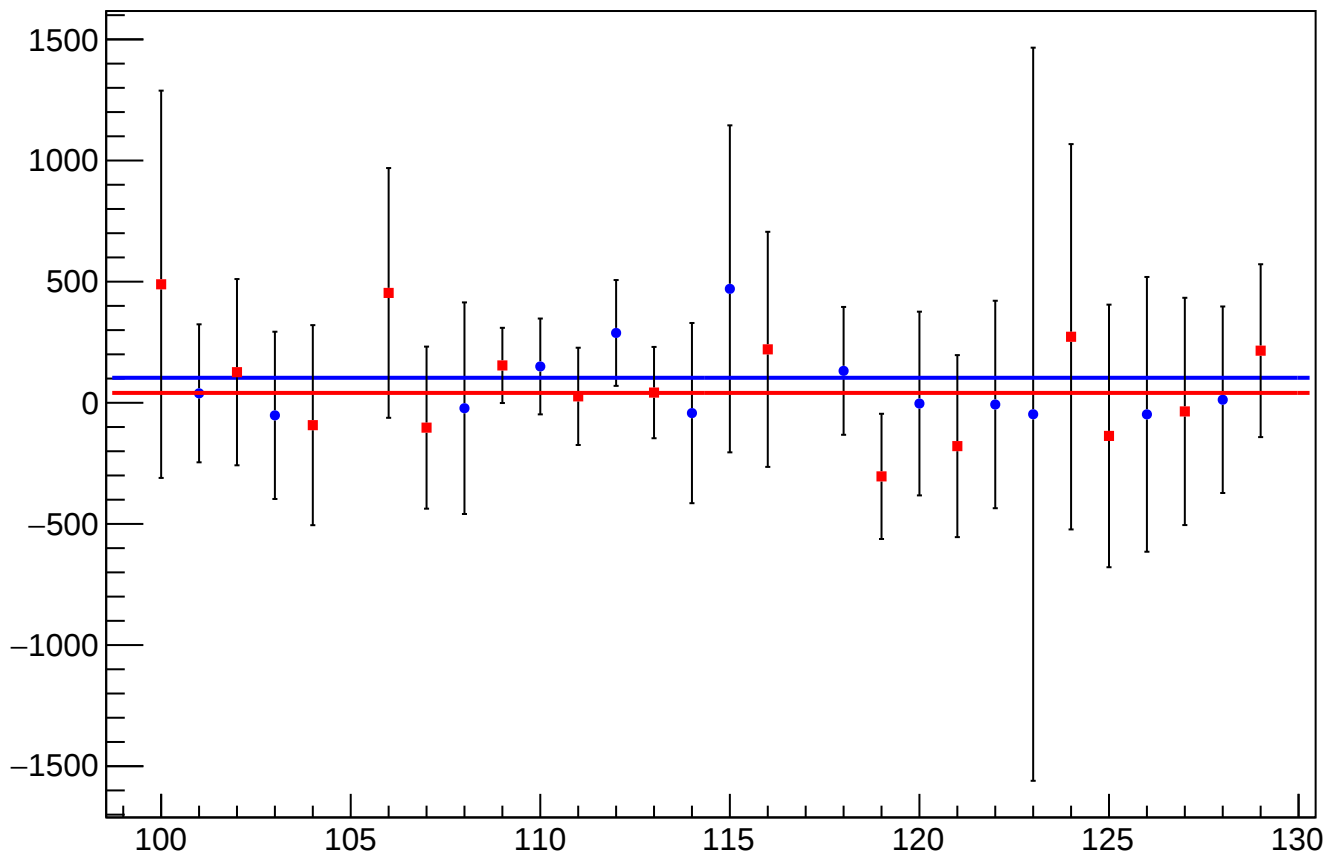
Right: 137.343+/-0.032 χ^2/NDF : 1762654.9/27

In: 141.744+/-0.050 χ^2/NDF : 822928.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.343+/-0.032 χ^2/NDF : 1762654.9/27

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 103.226+/-91.676 χ^2/NDF : 1.9/12

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

Right Out: 40.792+/-77.826 χ^2/NDF : 4.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

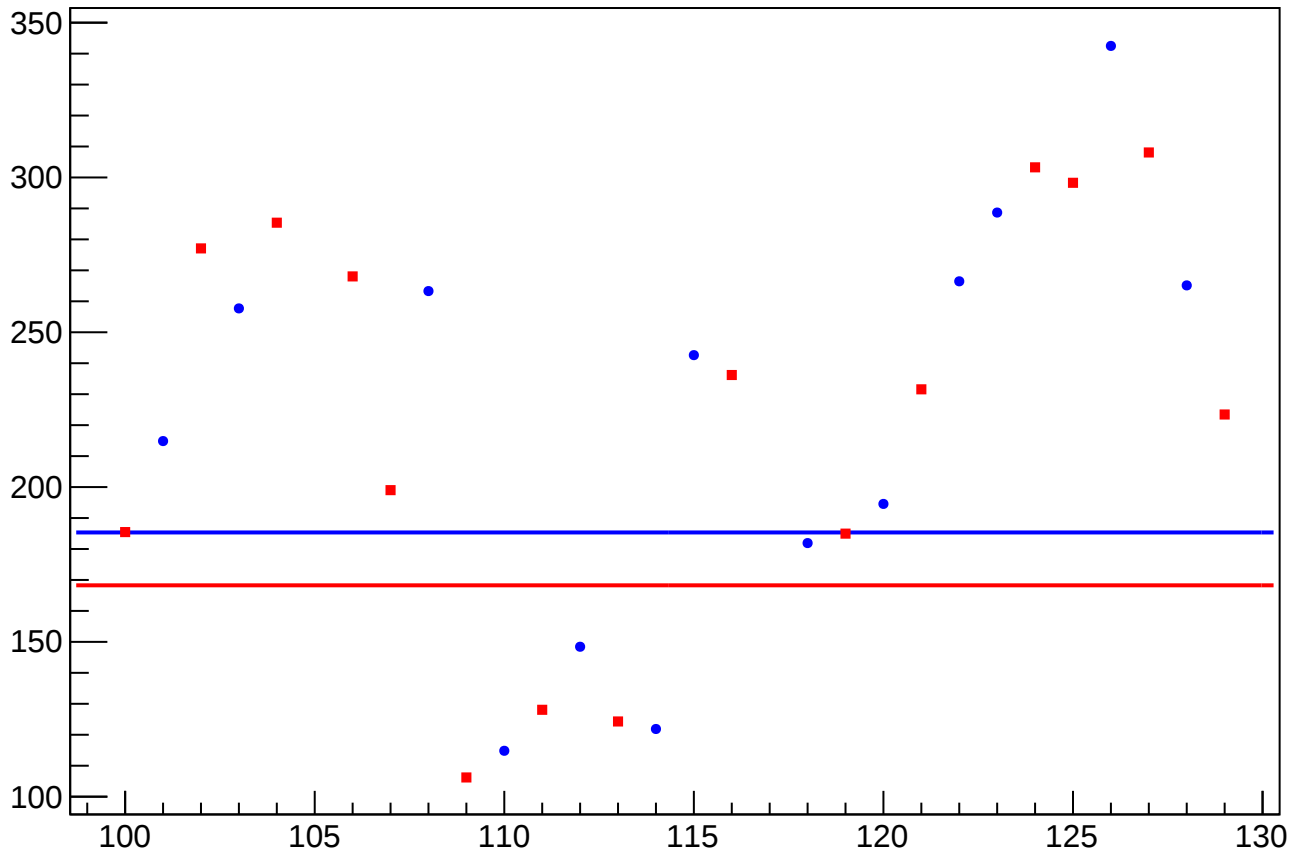
Right: 66.941+/-59.330 χ^2/NDF : 6.7/27

In: 103.226+/-91.676 χ^2/NDF : 1.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.941+/-59.330 χ^2/NDF : 6.7/27

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 185.342 $\pm$ 0.065 χ^2 /NDF: 879372.4/12

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

Right Out: 168.266 $\pm$ 0.055 χ^2 /NDF: 1425567.9/14

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

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

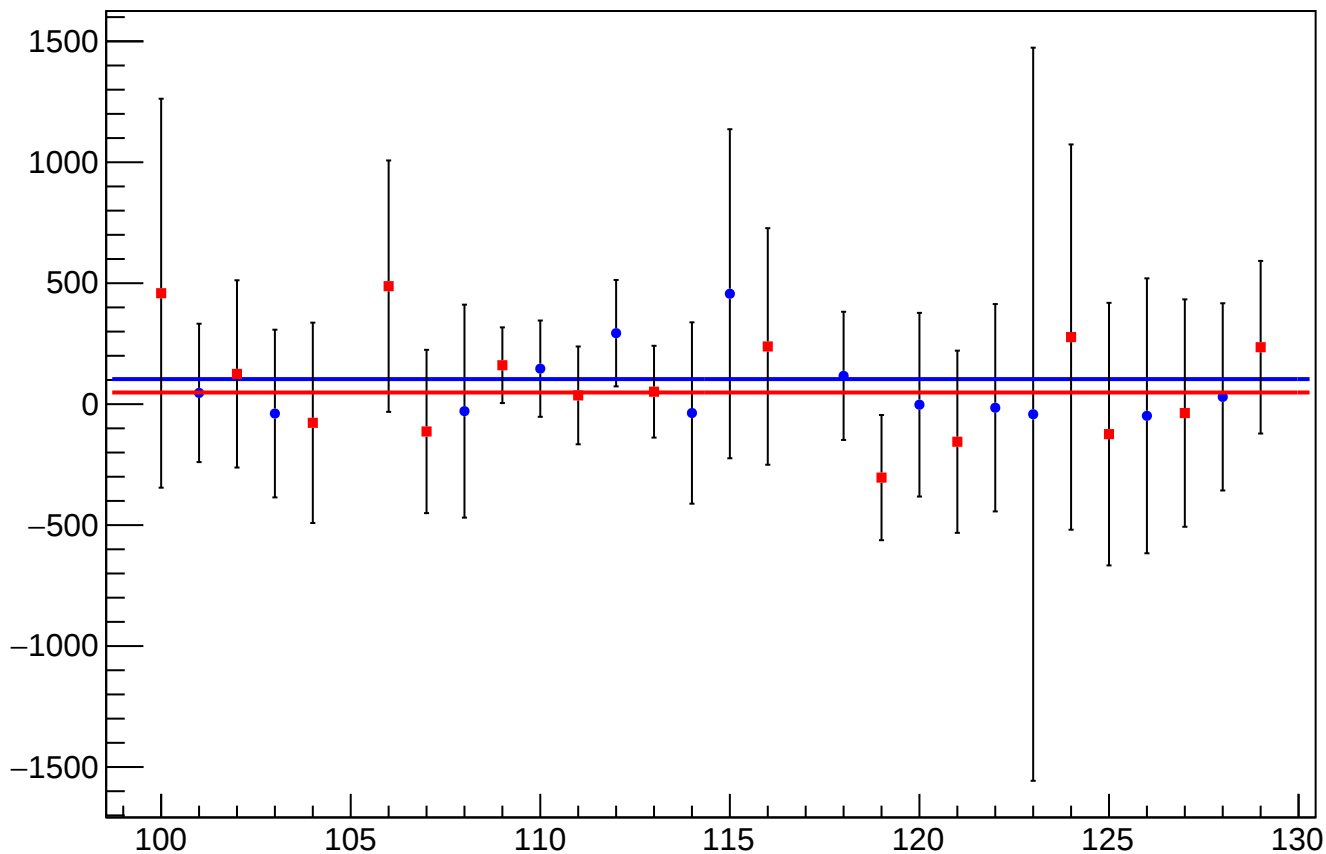
Right: 175.418 $\pm$ 0.042 χ^2 /NDF: 2345267.3/27

In: 185.342 $\pm$ 0.065 χ^2 /NDF:879372.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 175.418 $\pm$ 0.042 χ^2 /NDF: 2345267.3/27

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 103.606 $\pm$ 92.163 χ^2 /NDF: 1.8/12

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

Right Out: 48.241 $\pm$ -78.289 χ^2 /NDF: 4.6/14

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

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

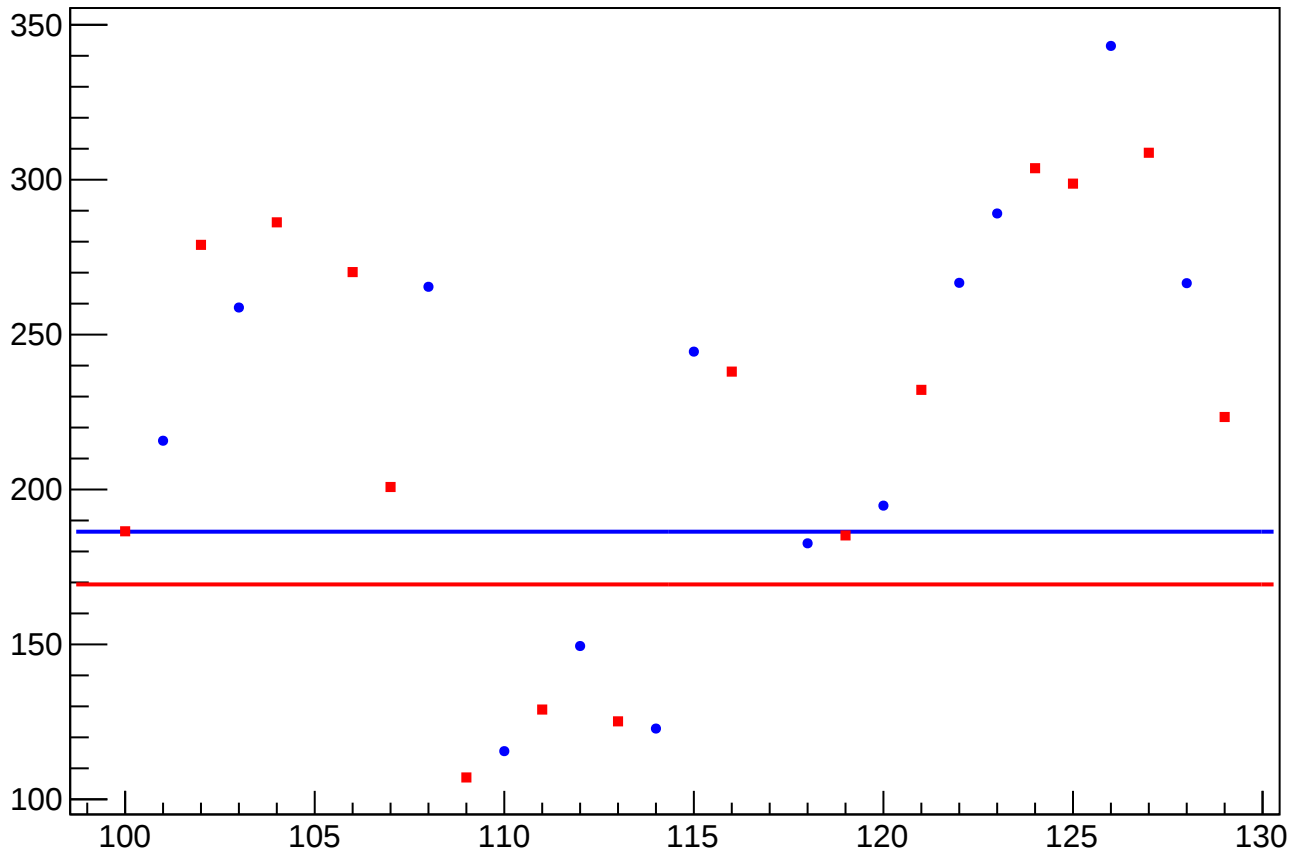
Right: 71.446 $\pm$ -59.667 χ^2 /NDF: 6.6/27

In: 103.606 $\pm$ -92.163 χ^2 /NDF:1.8/12

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

All: 71.446 $\pm$ -59.667 χ^2 /NDF: 6.6/27

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 186.387+/-0.065 χ^2/NDF : 873538.7/12

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

Right Out: 169.364+/-0.055 χ^2/NDF : 1413633.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

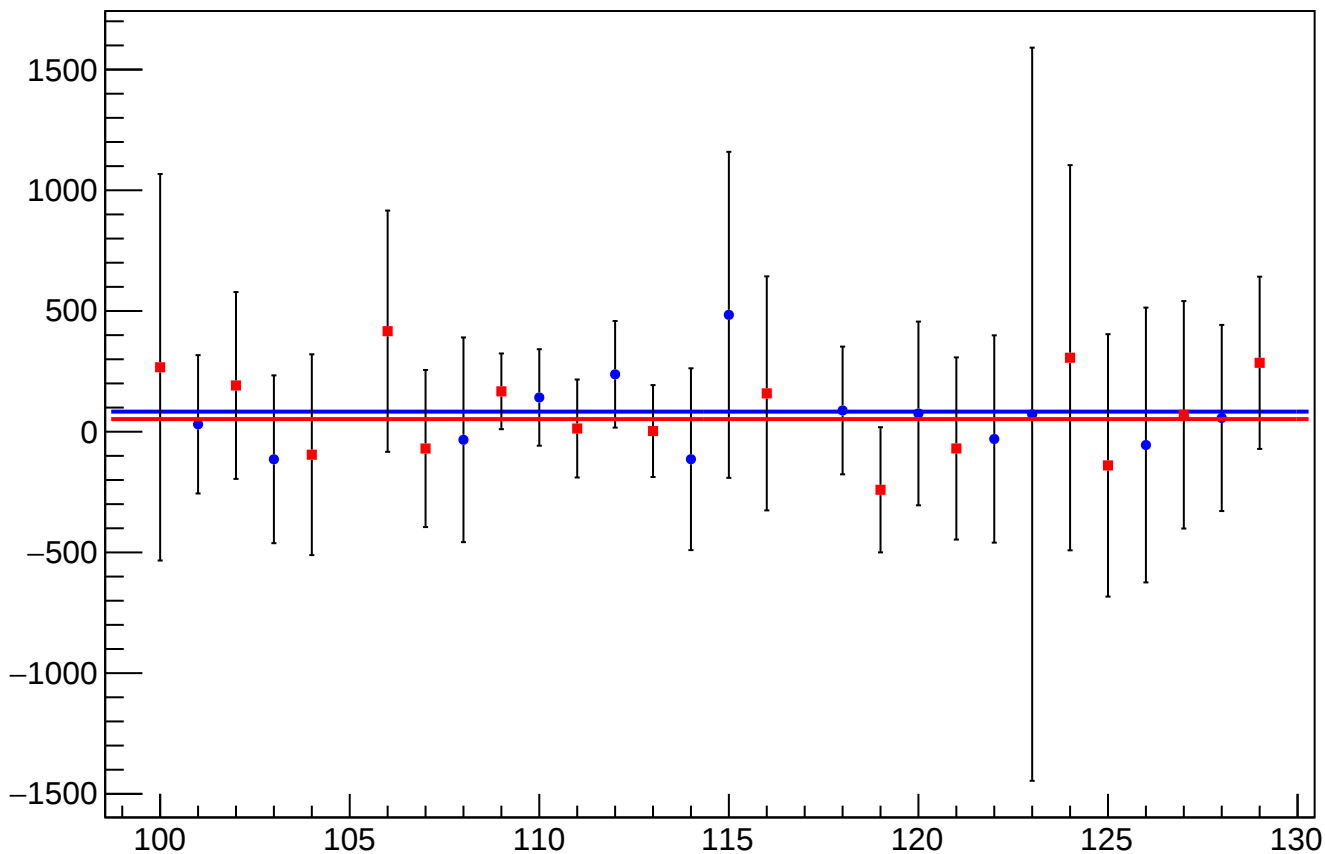
Right: 176.499+/-0.042 χ^2/NDF : 2326802.7/27

In: 186.387+/-0.065 χ^2/NDF : 873538.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.499+/-0.042 χ^2/NDF : 2326802.7/27

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 83.198+/-92.174 χ^2/NDF : 1.8/12

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

Right Out: 52.218+/-78.196 χ^2/NDF : 3.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

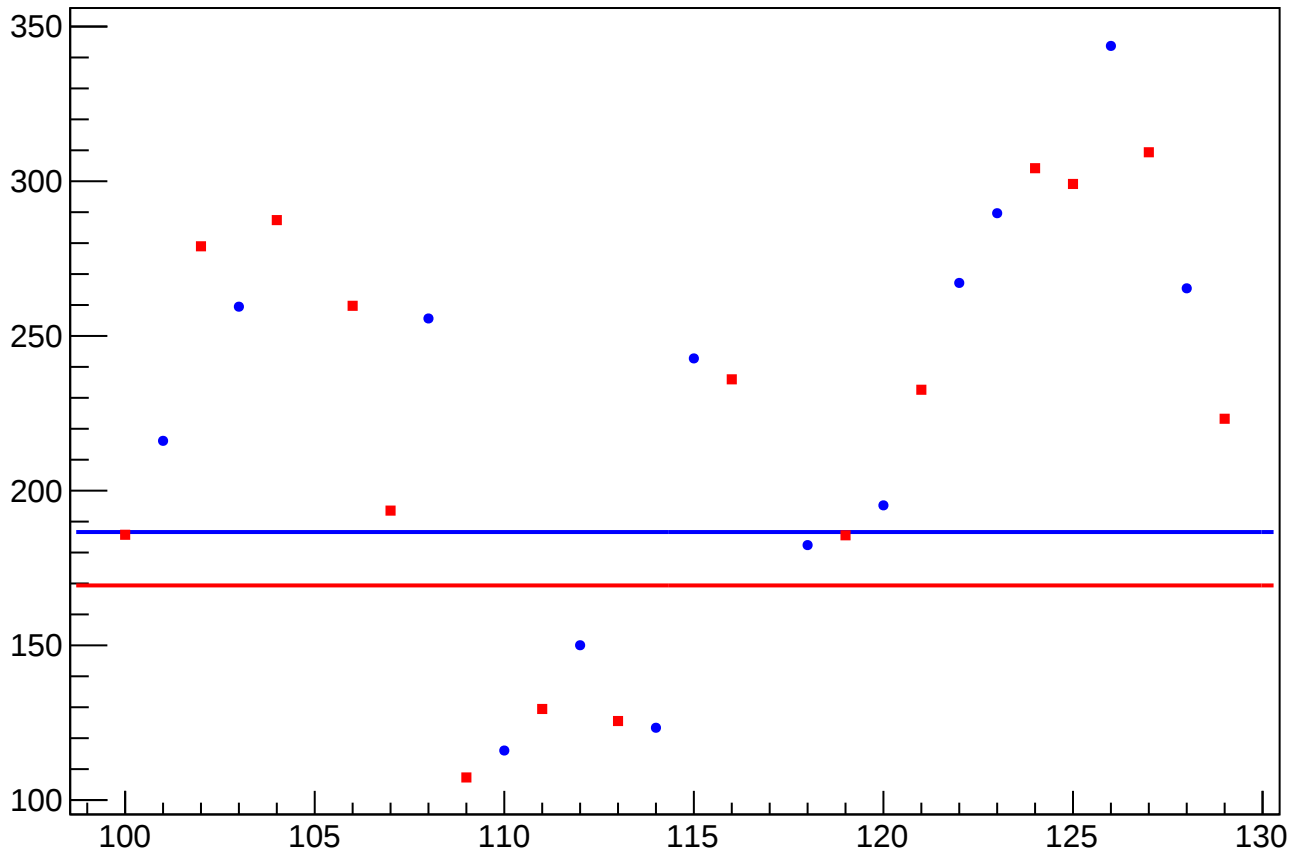
Right: 65.183+/-59.629 χ^2/NDF : 5.6/27

In: 83.198+/-92.174 χ^2/NDF : 1.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.183+/-59.629 χ^2/NDF : 5.6/27

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 186.624+/-0.065 χ^2/NDF : 853974.2/12

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

Right Out: 169.368+/-0.055 χ^2/NDF : 1391156.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

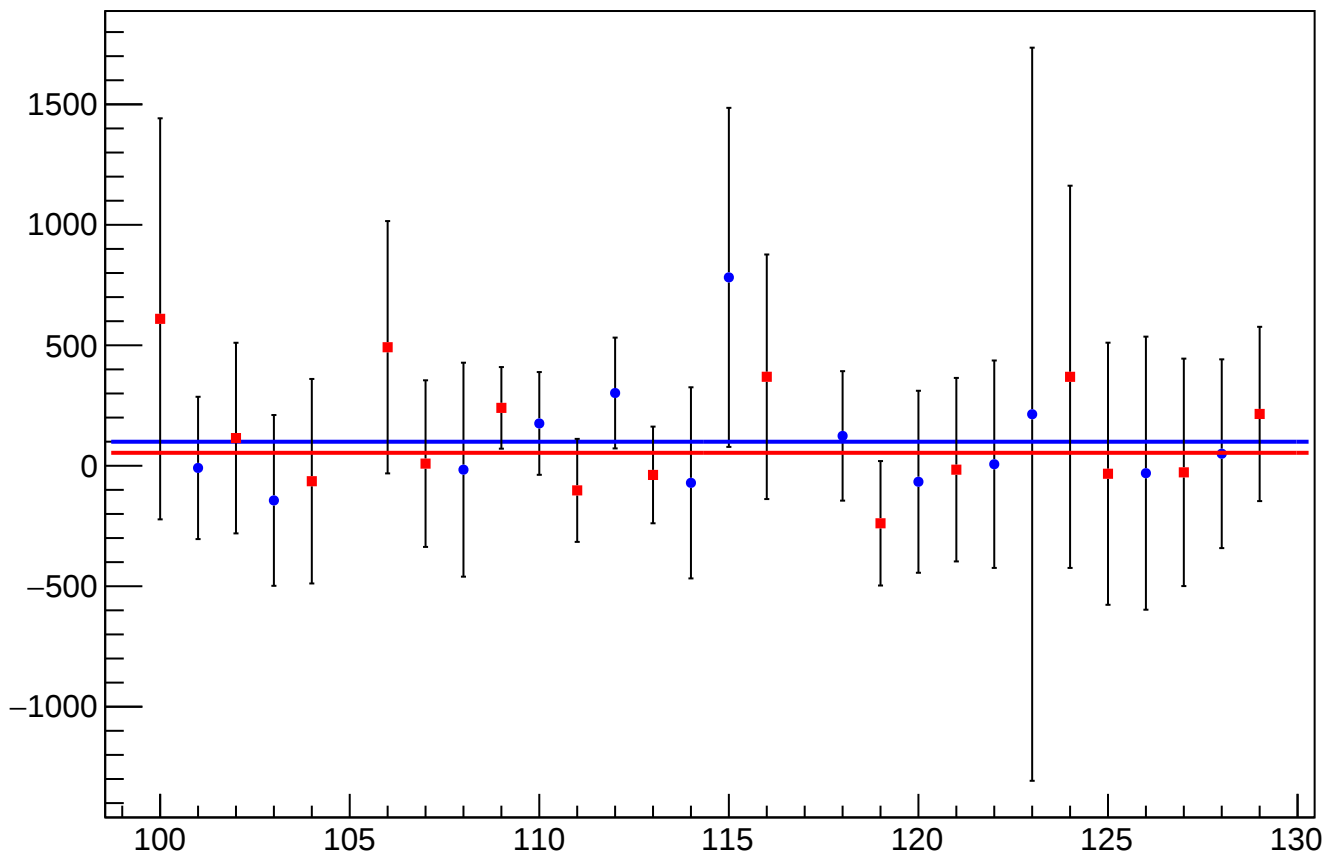
Right: 176.589+/-0.042 χ^2/NDF : 2285892.2/27

In: 186.624+/-0.065 χ^2/NDF : 853974.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.589+/-0.042 χ^2/NDF : 2285892.2/27

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 99.749+/-95.300 χ^2/NDF : 3.0/12

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

Right Out: 53.787+/-81.686 χ^2/NDF : 5.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

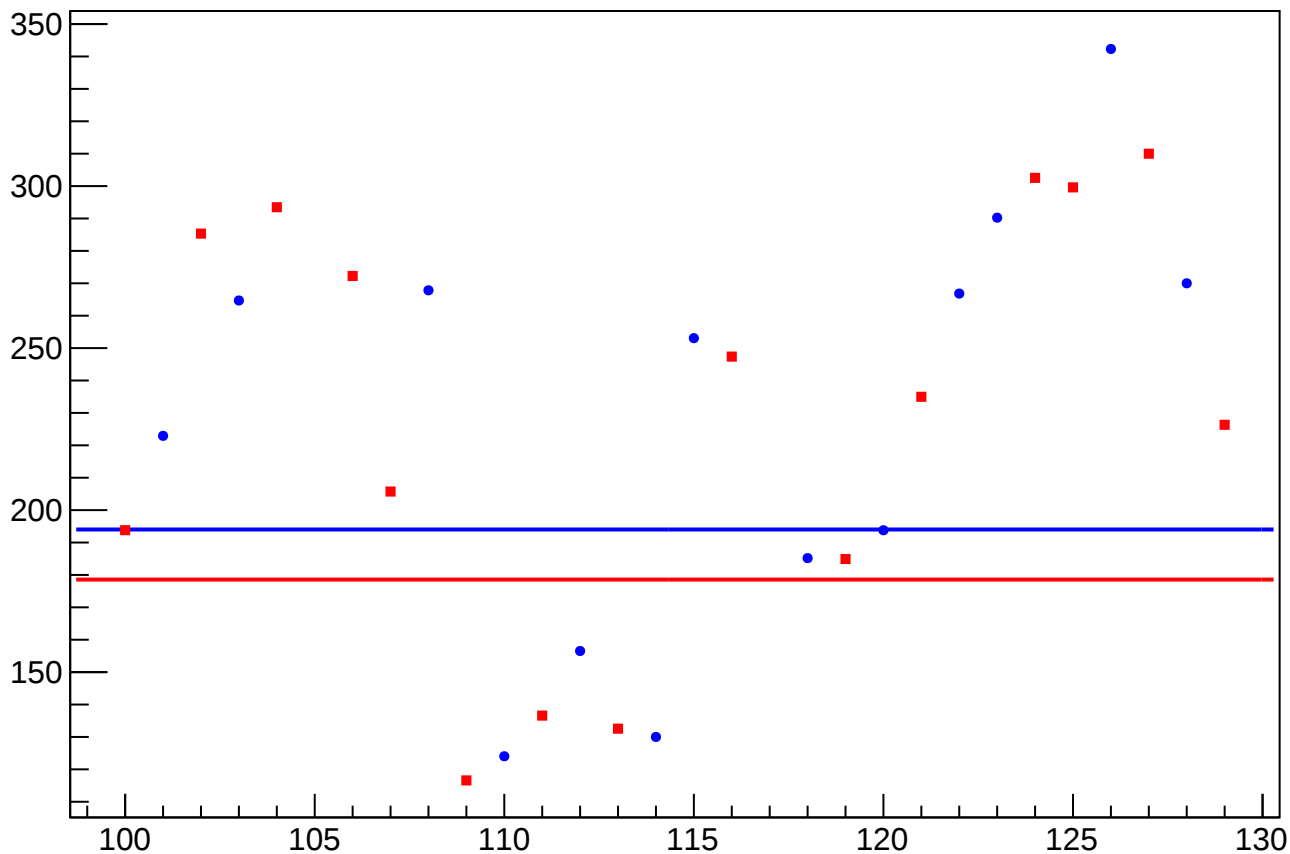
Right: 73.253+/-62.020 χ^2/NDF : 8.5/27

In: 99.749+/-95.300 χ^2/NDF : 3.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.253+/-62.020 χ^2/NDF : 8.5/27

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 194.021+/-0.067 χ^2/NDF : 768345.1/12

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

Right Out: 178.572+/-0.058 χ^2/NDF : 1239296.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

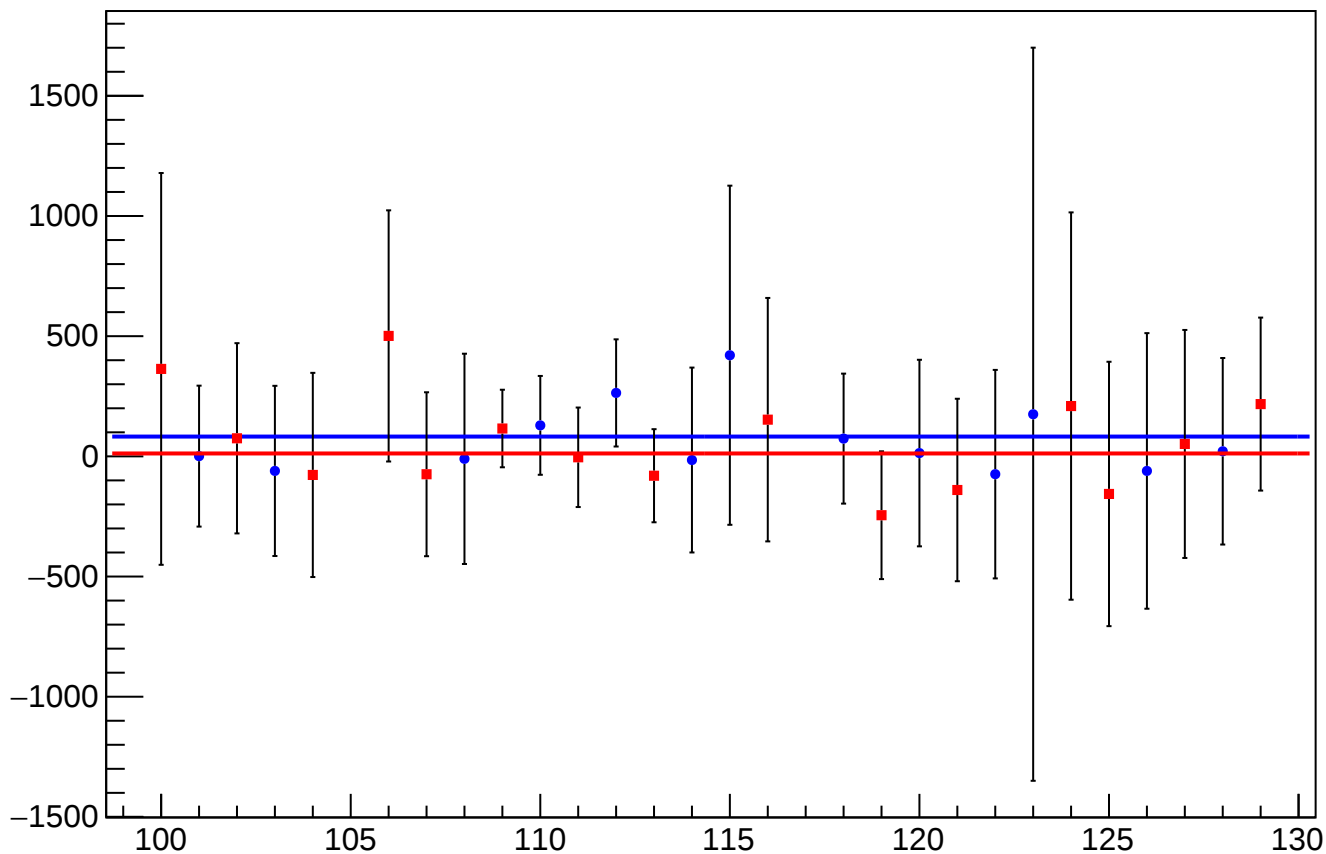
Right: 185.115+/-0.044 χ^2/NDF : 2037940.4/27

In: 194.021+/-0.067 χ^2/NDF : 768345.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.115+/-0.044 χ^2/NDF : 2037940.4/27

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 82.337+/-94.019 χ^2/NDF : 1.5/12

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

Right Out: 12.041+/-80.033 χ^2/NDF : 3.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

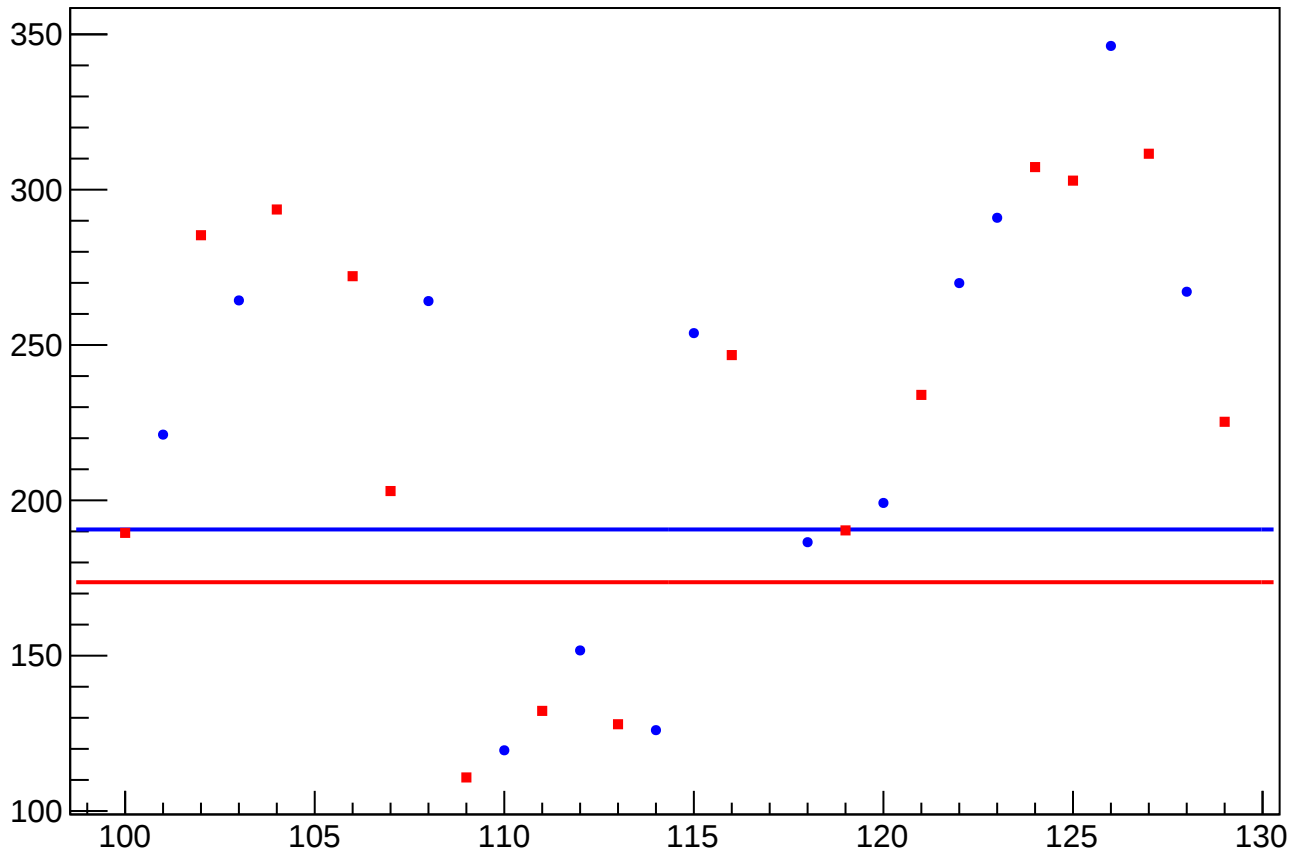
Right: 41.577+/-60.943 χ^2/NDF : 5.4/27

In: 82.337+/-94.019 χ^2/NDF : 1.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.577+/-60.943 χ^2/NDF : 5.4/27

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 190.627+/-0.066 χ^2/NDF : 839575.7/12

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

Right Out: 173.645+/-0.057 χ^2/NDF : 1376339.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

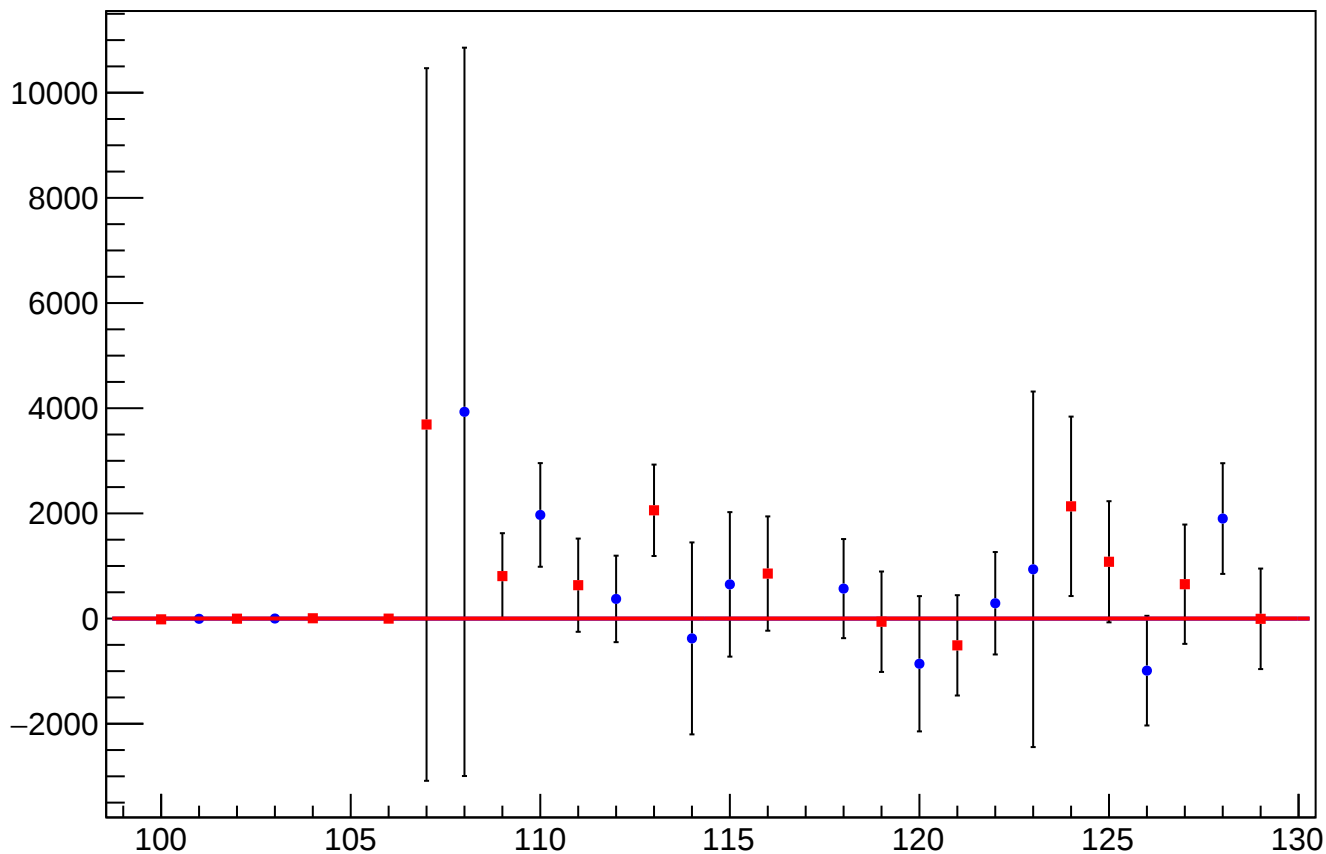
Right: 180.780+/-0.043 χ^2/NDF : 2253751.0/27

In: 190.627+/-0.066 χ^2/NDF : 839575.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.780+/-0.043 χ^2/NDF : 2253751.0/27

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.499+/-2.251 χ^2/NDF : 11.3/12

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

Right Out: 0.743+/-2.111 χ^2/NDF : 17.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

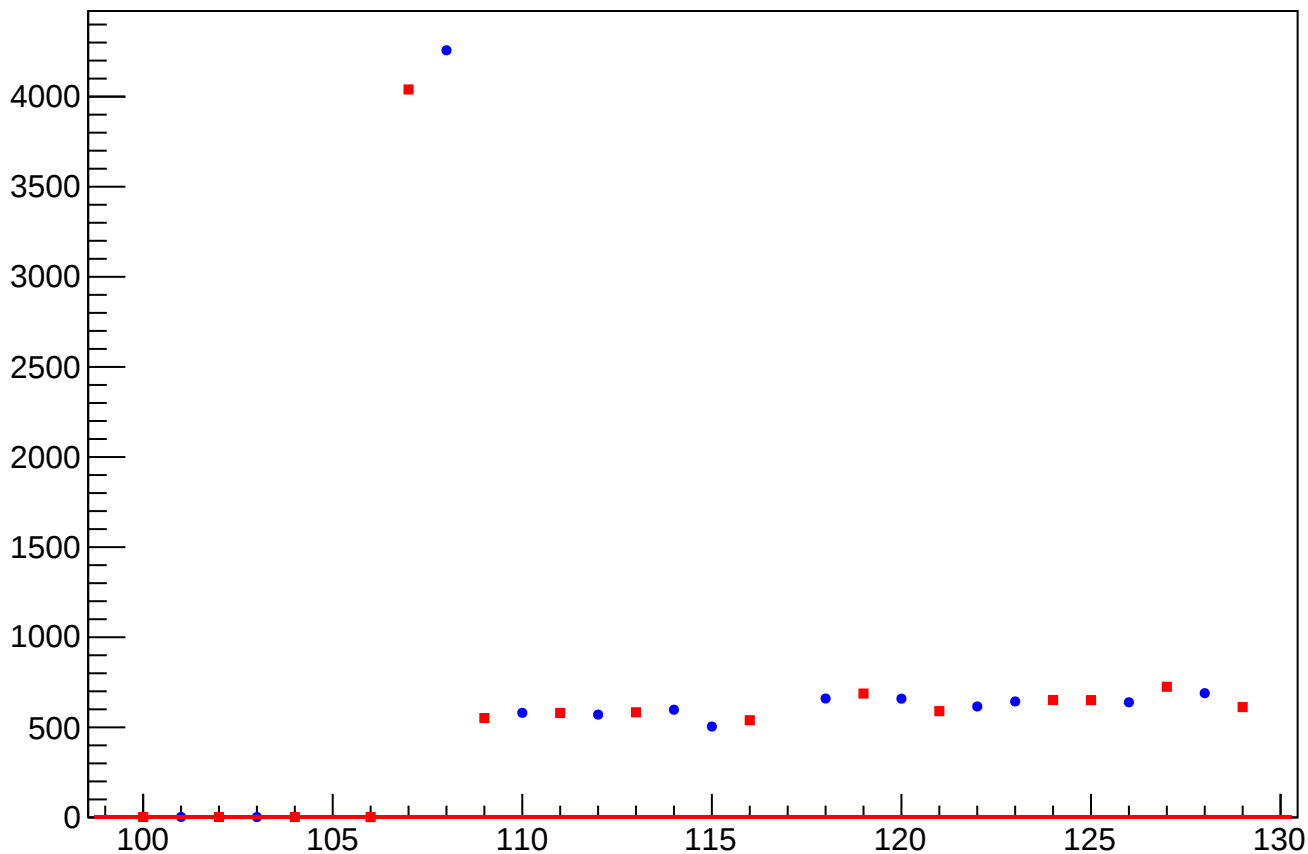
Right: -0.306+/-1.540 χ^2/NDF : 28.8/27

In: -1.499+/-2.251 χ^2/NDF : 11.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.306+/-1.540 χ^2/NDF : 28.8/27

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.436+/-0.002 χ^2/NDF : 6850765.1/12

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

Right Out: 2.423+/-0.001 χ^2/NDF : 8197697.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

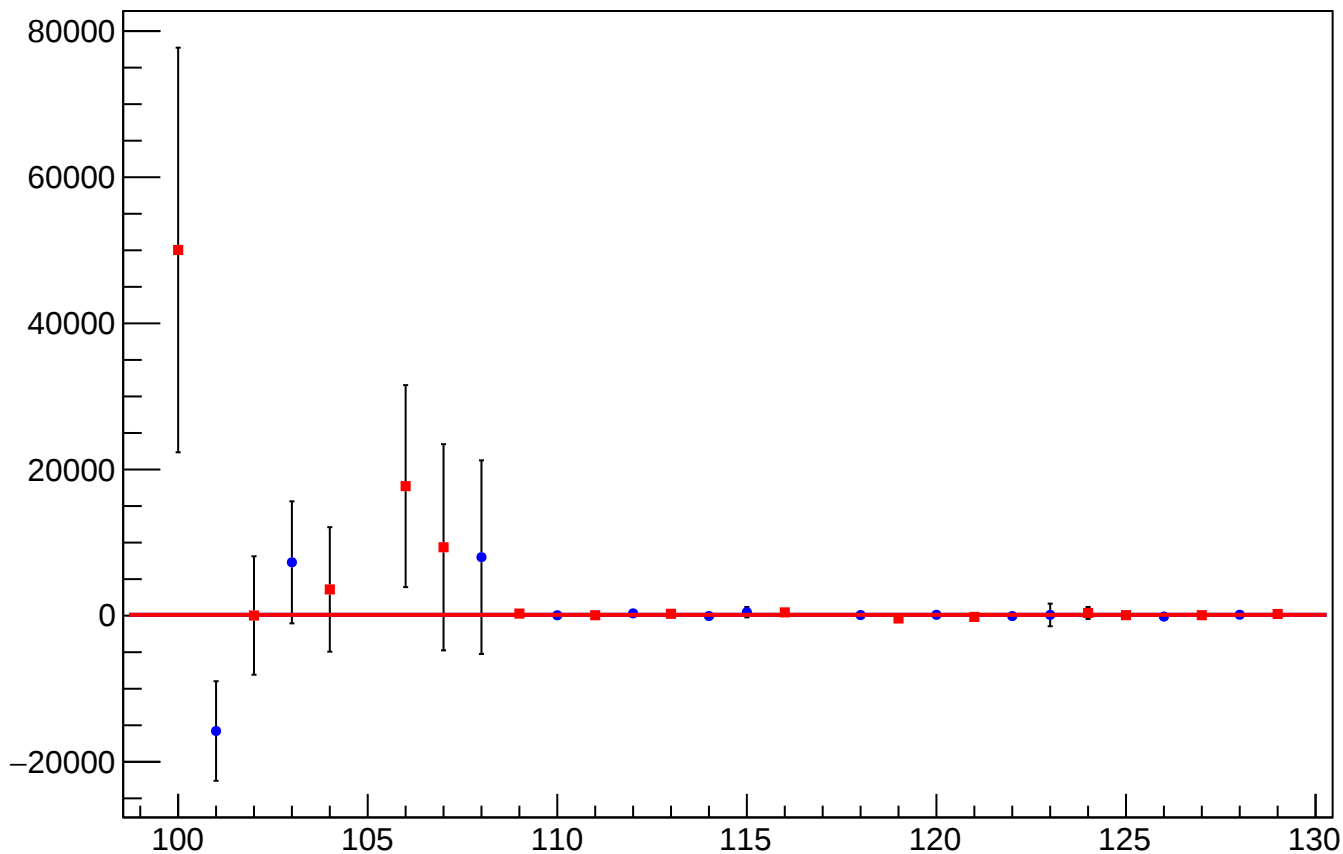
Right: 2.429+/-0.001 χ^2/NDF : 15048495.3/27

In: 2.436+/-0.002 χ^2/NDF : 6850765.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.429+/-0.001 χ^2/NDF : 15048495.3/27

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 115.749+/-109.286 χ^2/NDF : 8.2/12

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

Right Out: 115.091+/-97.327 χ^2/NDF : 10.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

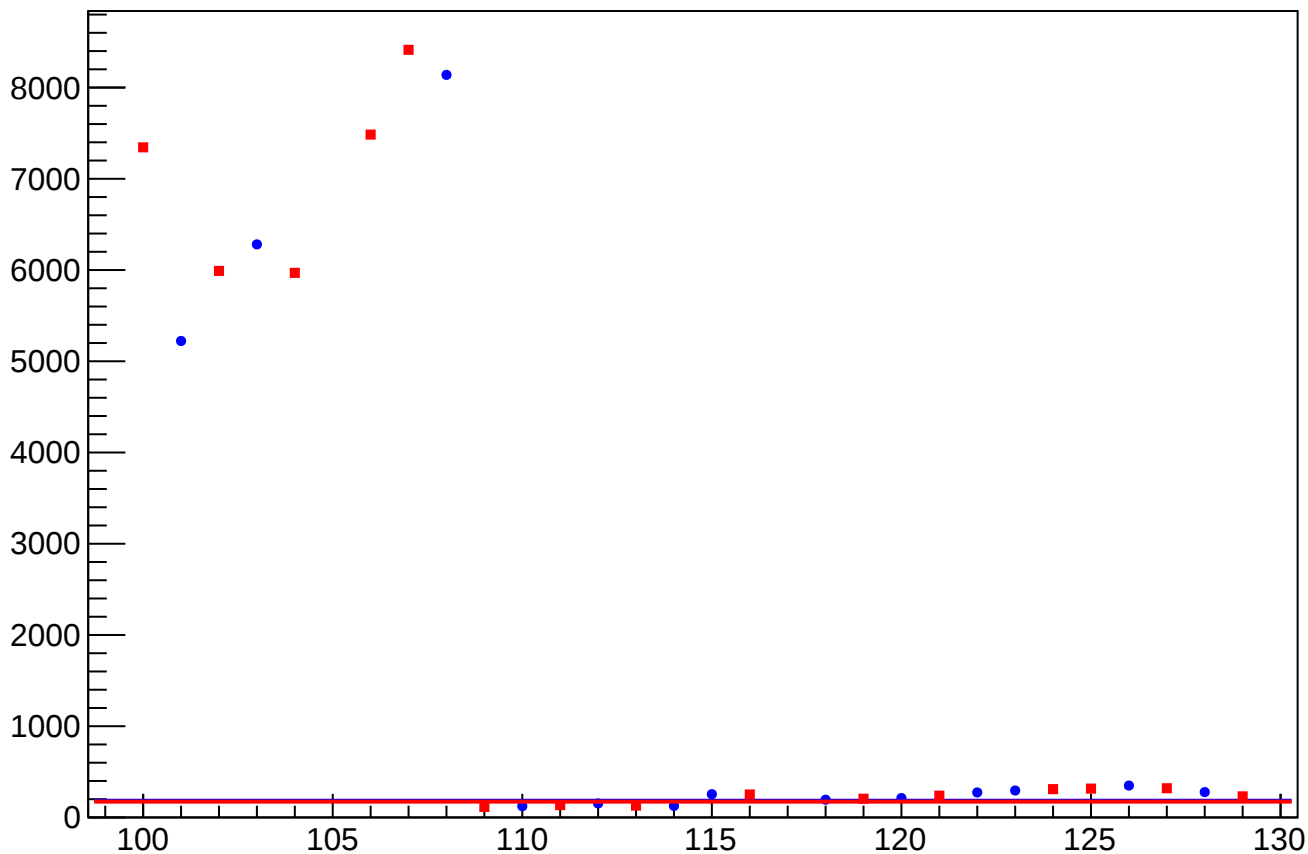
Right: 115.382+/-72.683 χ^2/NDF : 19.1/27

In: 115.749+/-109.286 χ^2/NDF : 8.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.382+/-72.683 χ^2/NDF : 19.1/27

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 183.336+/-0.077 χ^2/NDF : 3522653.6/12

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

Right Out: 173.436+/-0.069 χ^2/NDF : 4158446.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

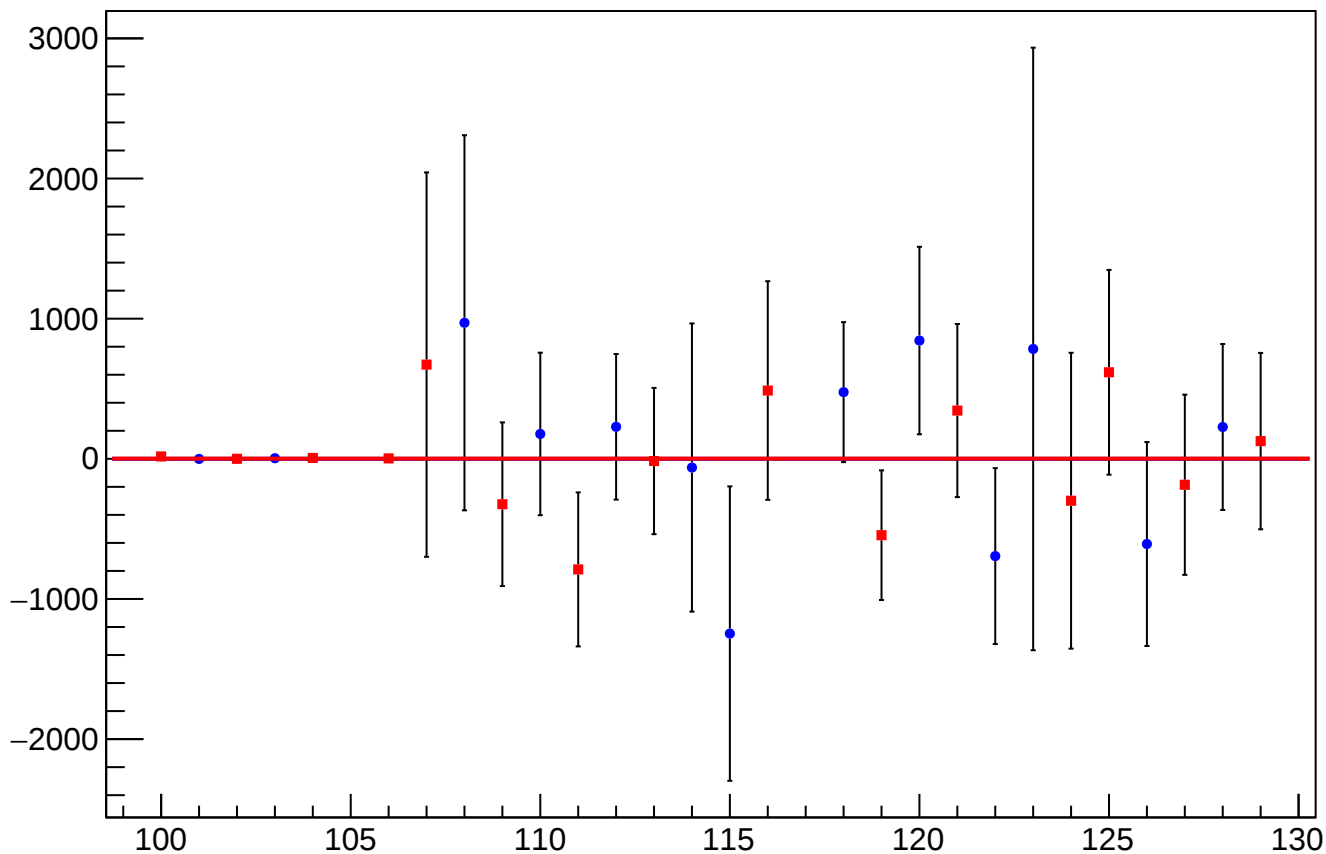
Right: 177.815+/-0.051 χ^2/NDF : 7690252.4/27

In: 183.336+/-0.077 χ^2/NDF :3522653.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 177.815+/-0.051 χ^2/NDF : 7690252.4/27

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.152+/-1.737 χ^2/NDF : 7.8/12

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

Right Out: 1.325+/-1.623 χ^2/NDF : 8.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

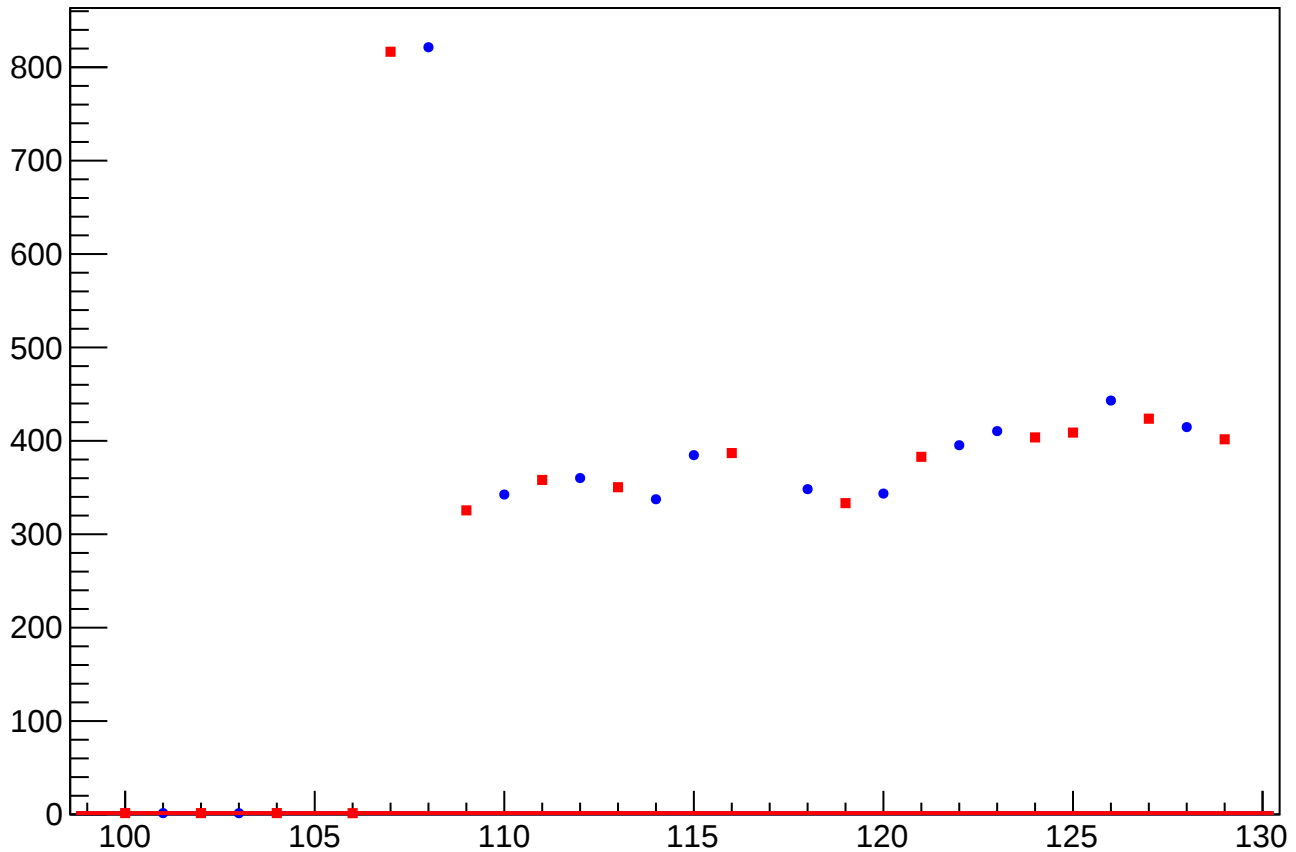
Right: 0.636+/-1.186 χ^2/NDF : 16.5/27

In: -0.152+/-1.737 χ^2/NDF : 7.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.636+/-1.186 χ^2/NDF : 16.5/27

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.437+/-0.001 χ^2/NDF : 6937393.4/12

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

Right Out: 1.441+/-0.001 χ^2/NDF : 7926135.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

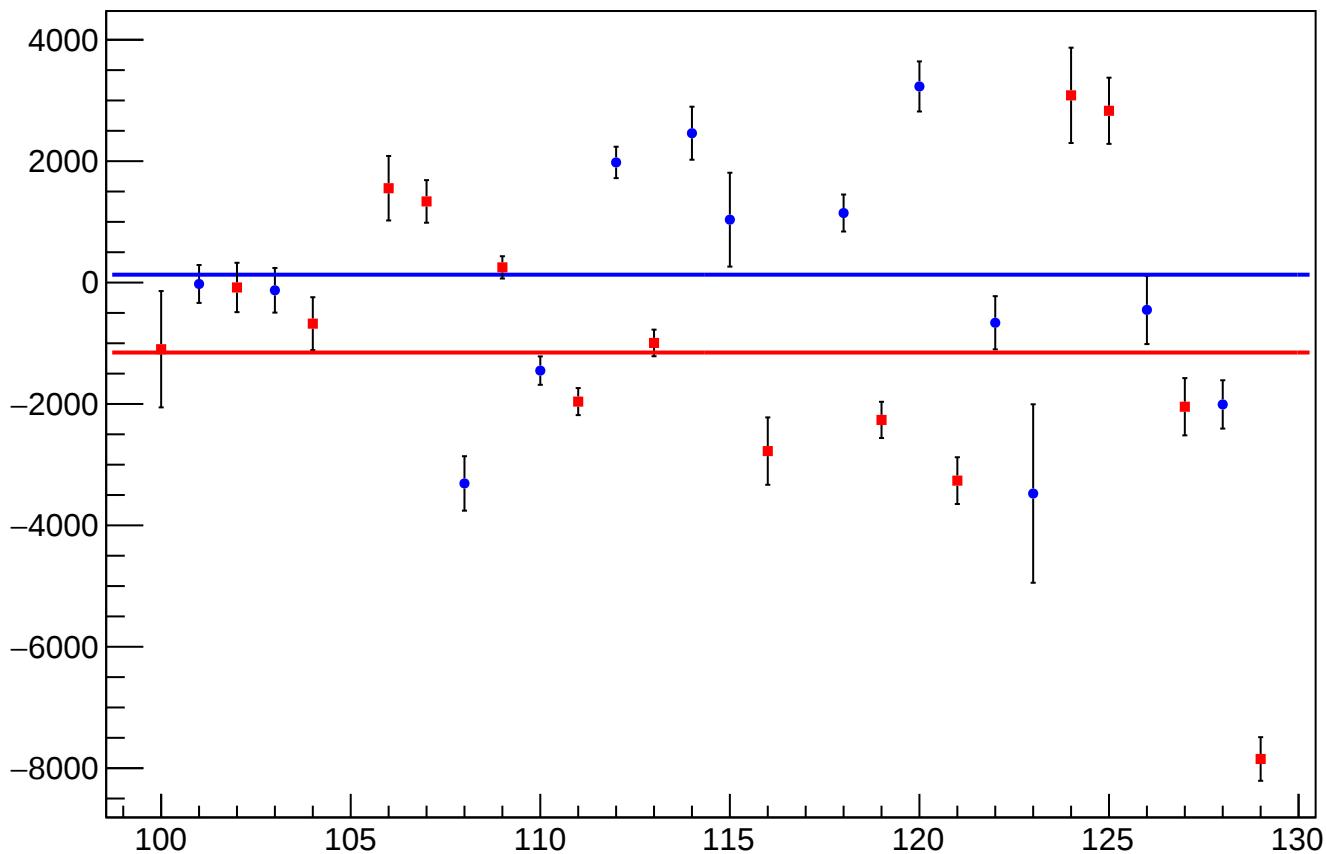
Right: 1.439+/-0.001 χ^2/NDF : 14863533.4/27

In: 1.437+/-0.001 χ^2/NDF : 6937393.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.439+/-0.001 χ^2/NDF : 14863533.4/27

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 129.856+/-102.845 χ^2/NDF : 292.9/12

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

Right Out: -1152.483+/-86.631 χ^2/NDF : 642.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

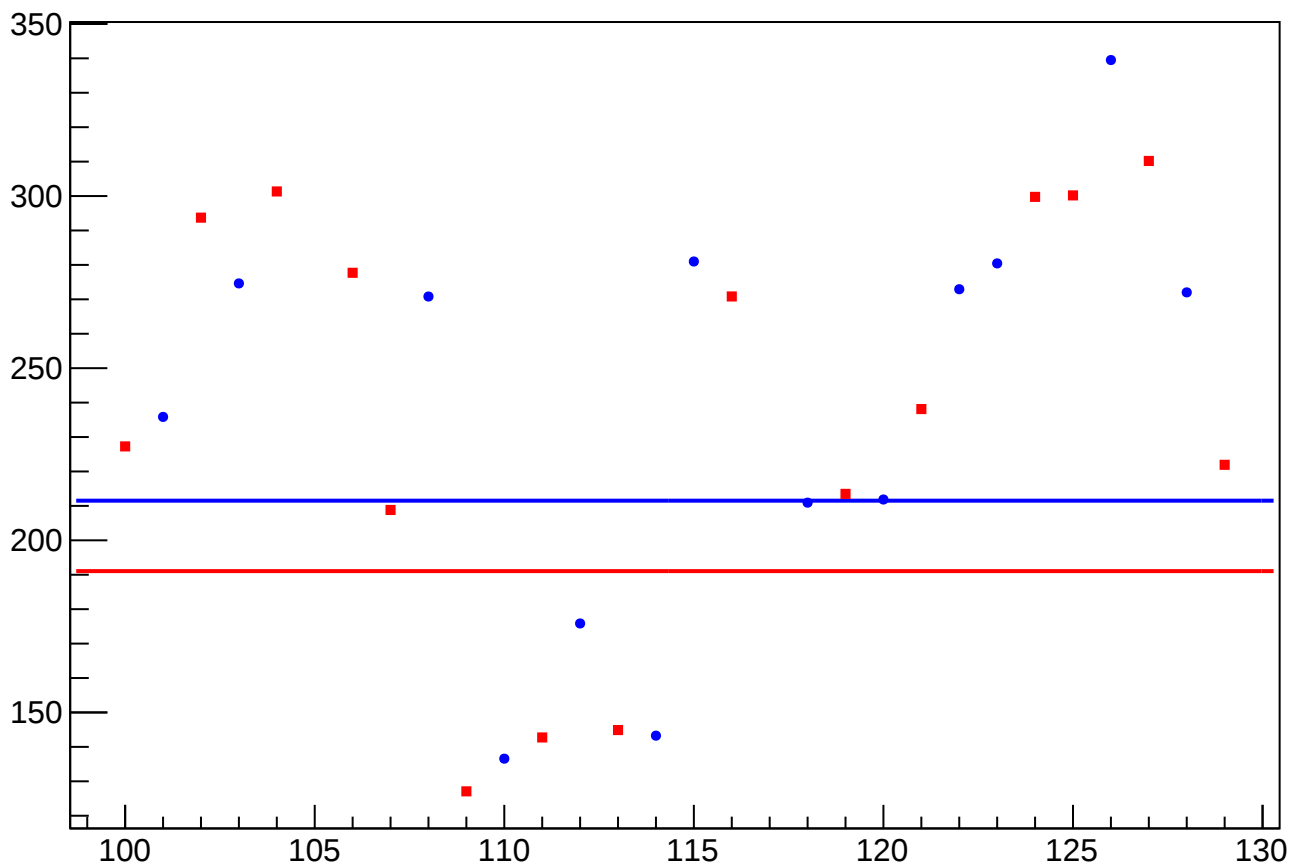
Right: -620.251+/-66.257 χ^2/NDF : 1026.2/27

In: 129.856+/-102.845 χ^2/NDF : 292.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -620.251+/-66.257 χ^2/NDF : 1026.2/27

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 211.514 ± 0.073 χ^2/NDF : 607271.1/12

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

Right Out: 191.055 ± 0.061 χ^2/NDF : 1086472.0/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

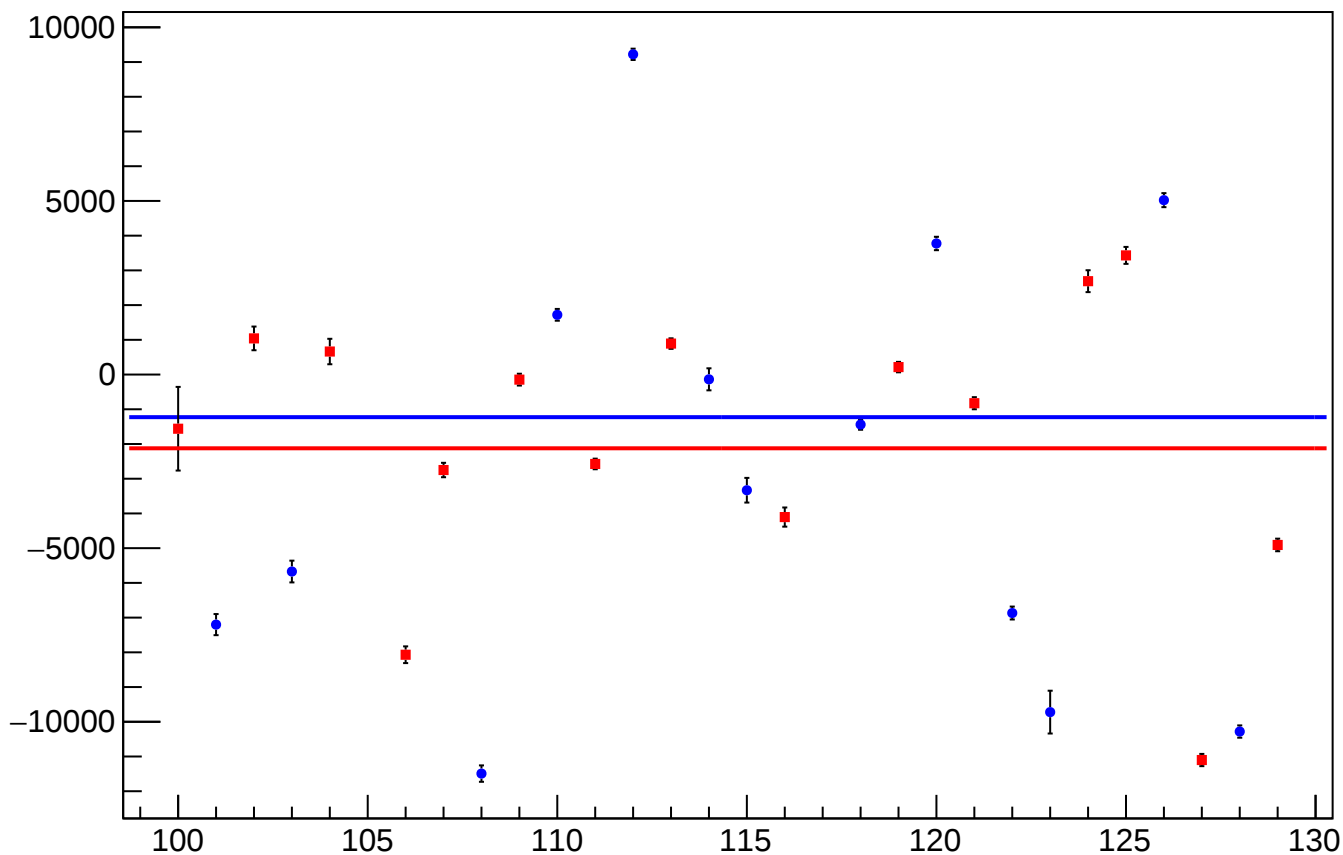
Right: 199.546 ± 0.047 χ^2/NDF : 1740038.1/27

In: 211.514 ± 0.073 χ^2/NDF : 607271.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 199.546 ± 0.047 χ^2/NDF : 1740038.1/27

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -1227.148+/-58.887 χ^2 /NDF: 12295.8/12

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

Right Out: -2123.909+/-52.869 χ^2 /NDF: 5232.9/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

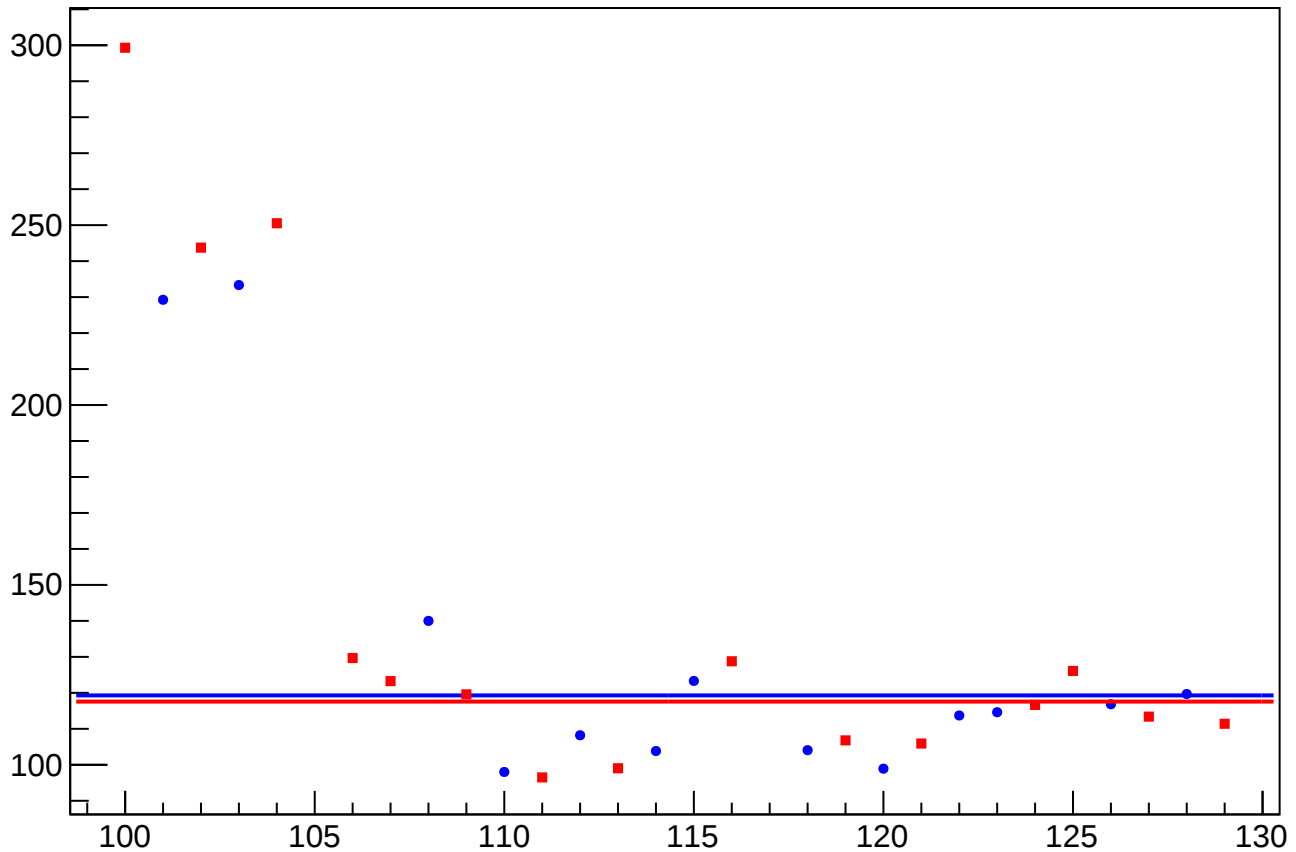
Right: -1723.674+/-39.340 χ^2 /NDF: 17657.2/27

In: -1227.148+/-58.887 χ^2 /NDF:12295.8/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1723.674+/-39.340 χ^2 /NDF: 17657.2/27

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 119.291+/-0.042 χ^2/NDF : 632701.8/12

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

Right Out: 117.572+/-0.037 χ^2/NDF : 685658.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

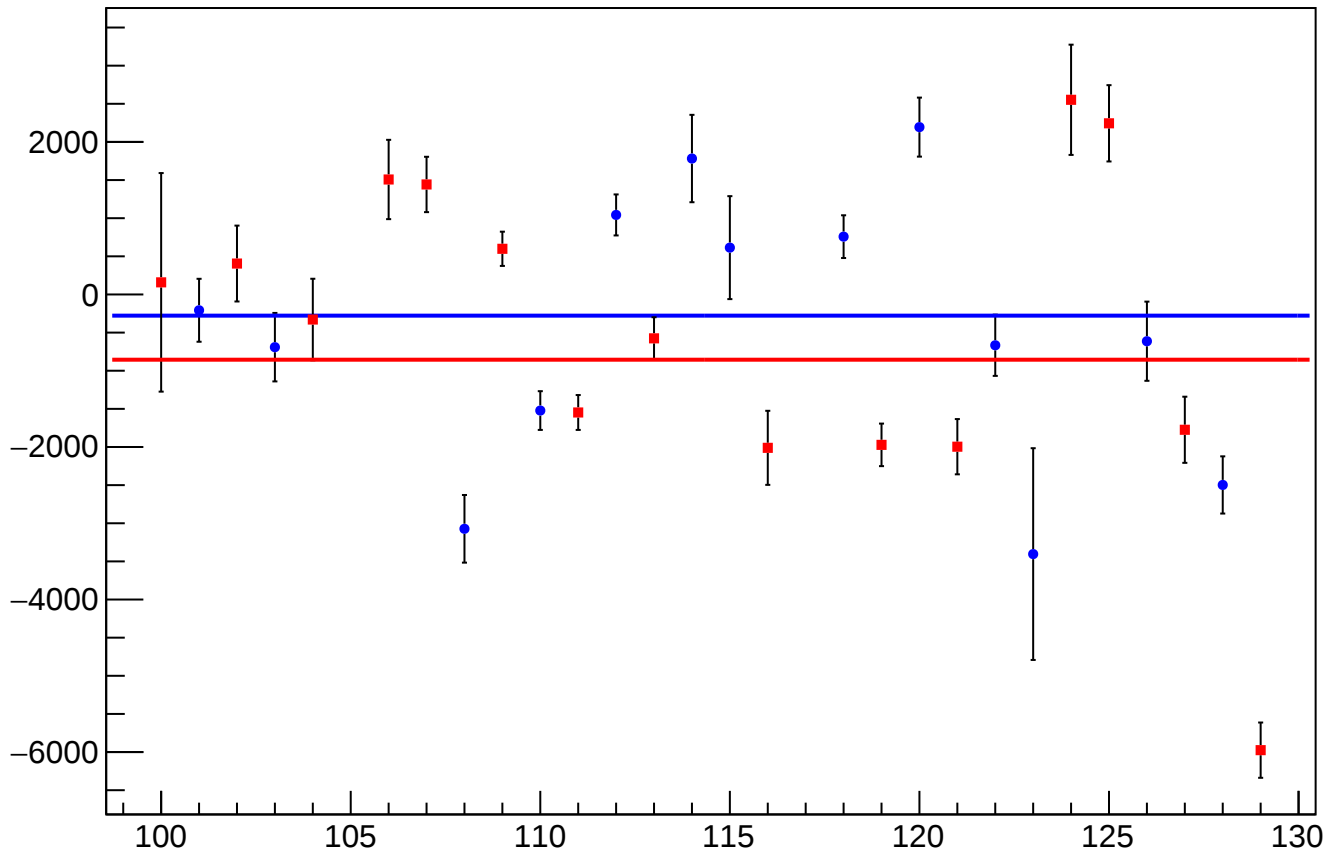
Right: 118.339+/-0.028 χ^2/NDF : 1319303.7/27

In: 119.291+/-0.042 χ^2/NDF : 632701.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.339+/-0.028 χ^2/NDF : 1319303.7/27

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -277.754+/-106.928 χ^2 /NDF: 199.3/12

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

Right Out: -855.420+/-93.290 χ^2 /NDF: 417.0/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

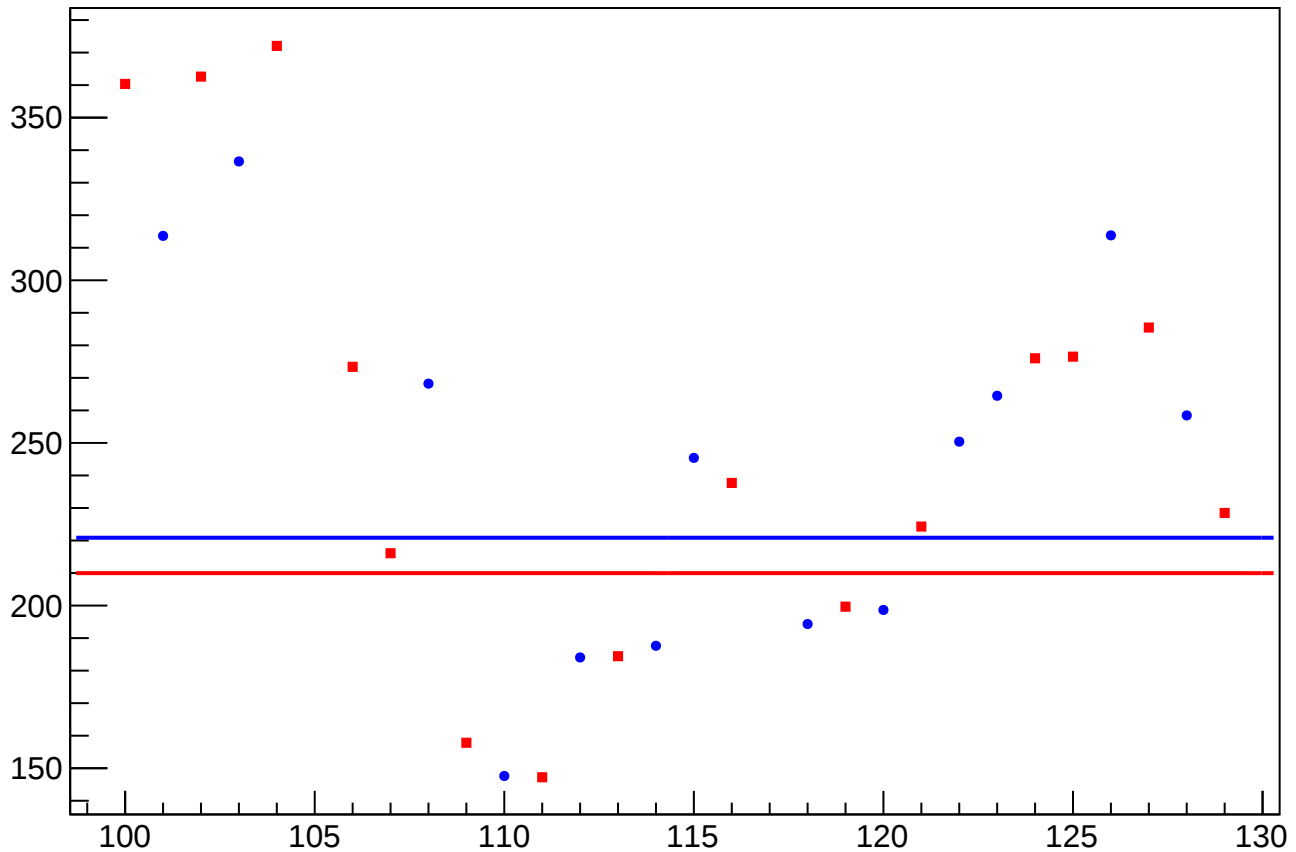
Right: -605.753+/-70.297 χ^2 /NDF: 632.9/27

In: -277.754+/-106.928 χ^2 /NDF:199.3/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -605.753+/-70.297 χ^2 /NDF: 632.9/27

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 220.857+/-0.076 χ^2/NDF : 591503.6/12

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

Right Out: 209.968+/-0.066 χ^2/NDF : 830449.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

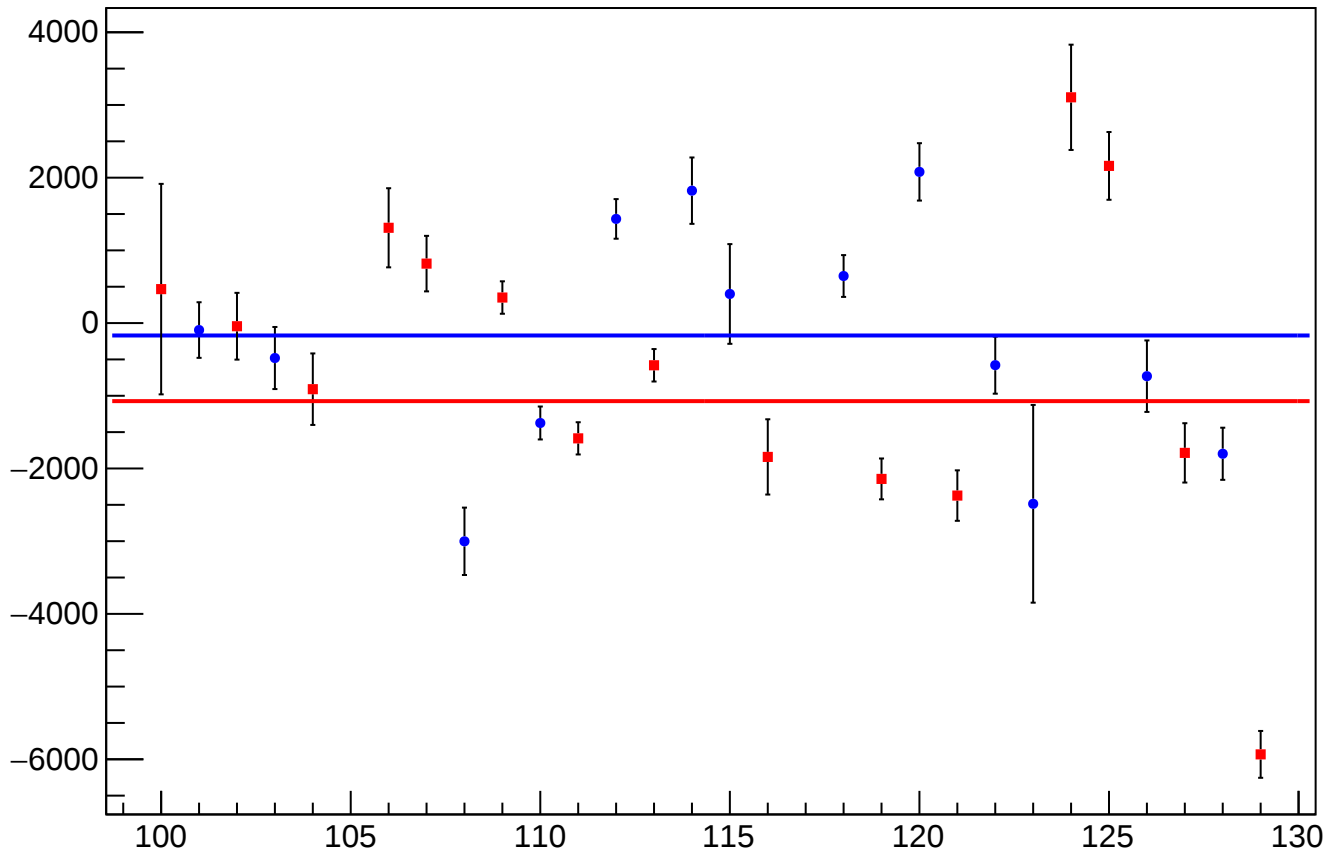
Right: 214.674+/-0.050 χ^2/NDF : 1433728.7/27

In: 220.857+/-0.076 χ^2/NDF : 591503.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.674+/-0.050 χ^2/NDF : 1433728.7/27

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -170.713+/-102.964 χ^2 /NDF: 187.0/12

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

Right Out: -1073.628+/-88.761 χ^2 /NDF: 443.7/14

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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

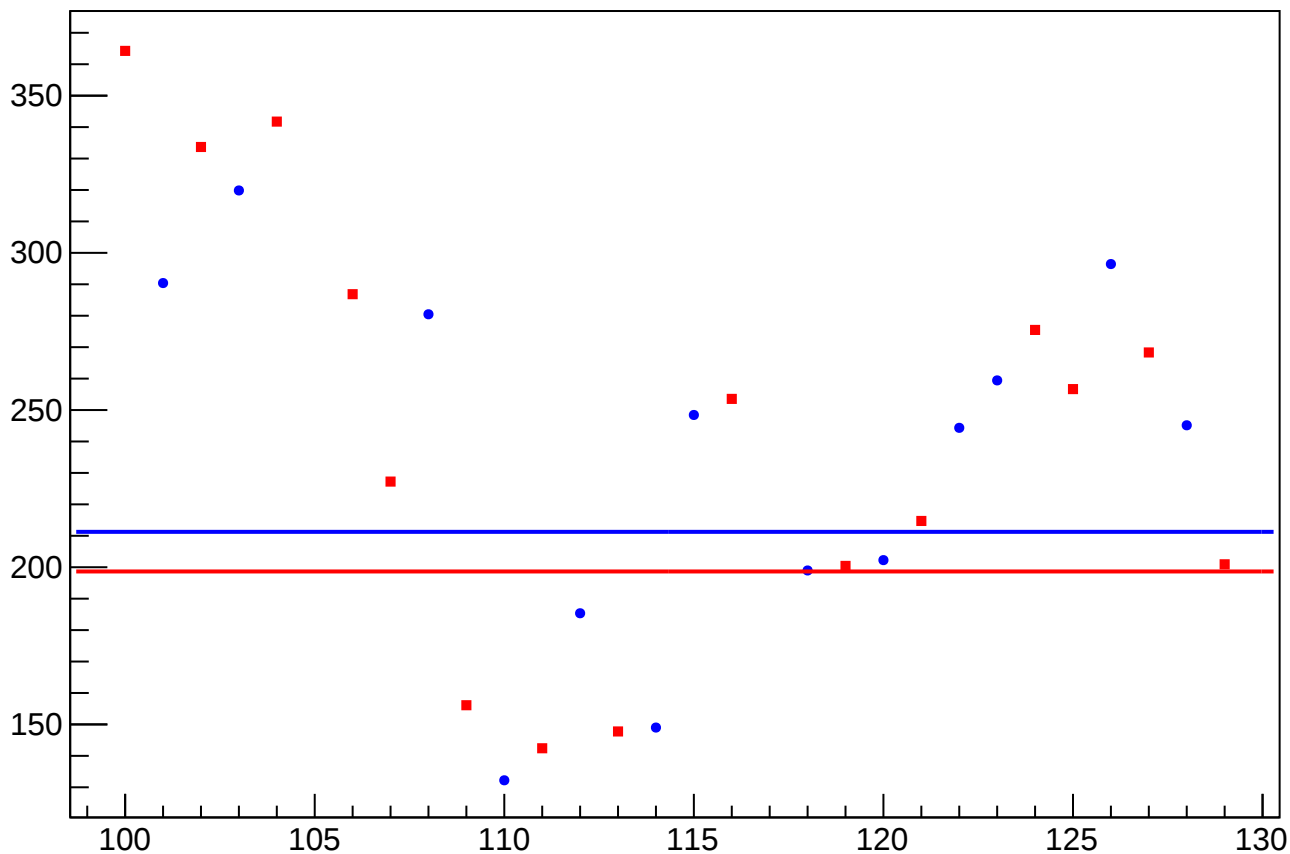
Right: -688.692+/-67.229 χ^2 /NDF: 674.8/27

In: -170.713+/-102.964 χ^2 /NDF: 187.0/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -688.692+/-67.229 χ^2 /NDF: 674.8/27

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 211.255+/-0.073 χ^2/NDF : 663670.5/12

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

Right Out: 198.653+/-0.063 χ^2/NDF : 876393.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

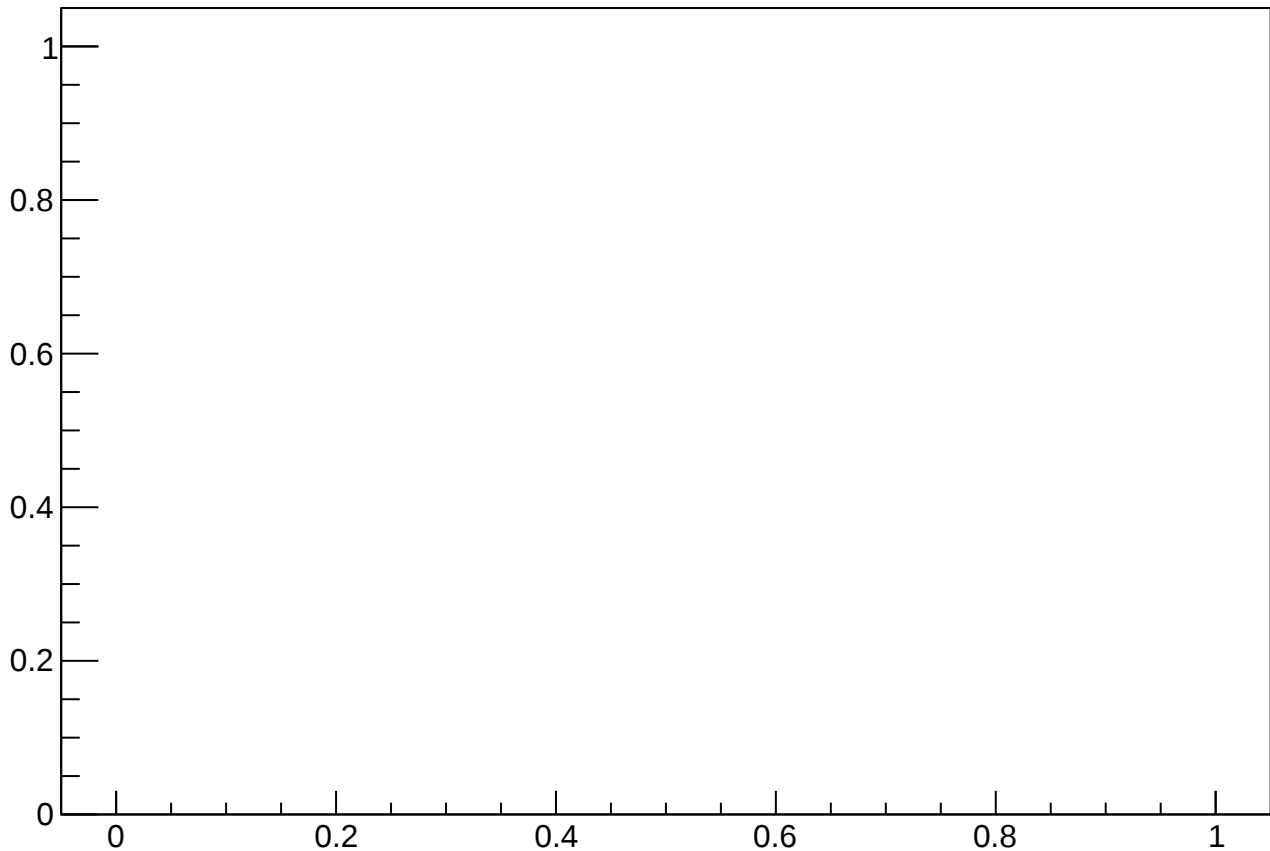
Right: 204.026+/-0.048 χ^2/NDF : 1557251.9/27

In: 211.255+/-0.073 χ^2/NDF : 663670.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 204.026+/-0.048 χ^2/NDF : 1557251.9/27

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

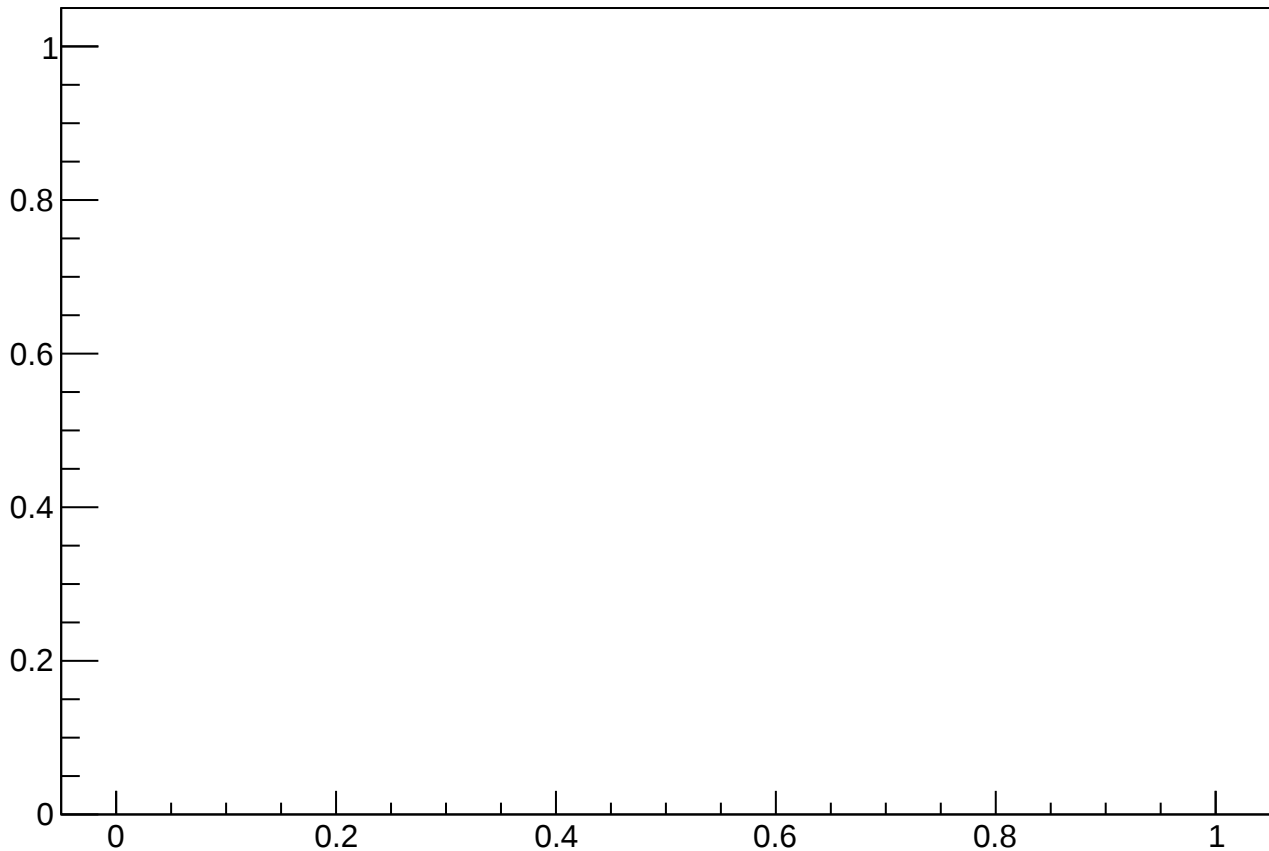
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

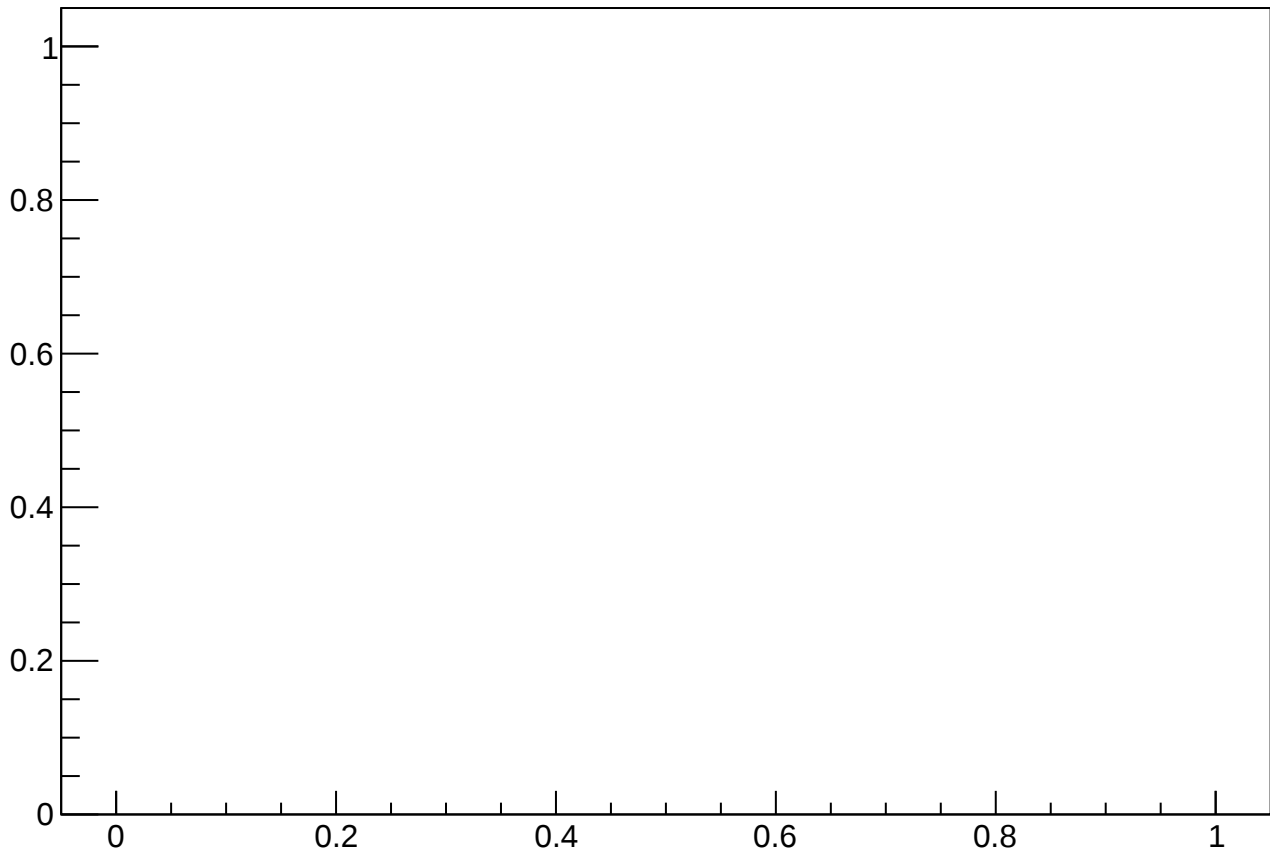
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

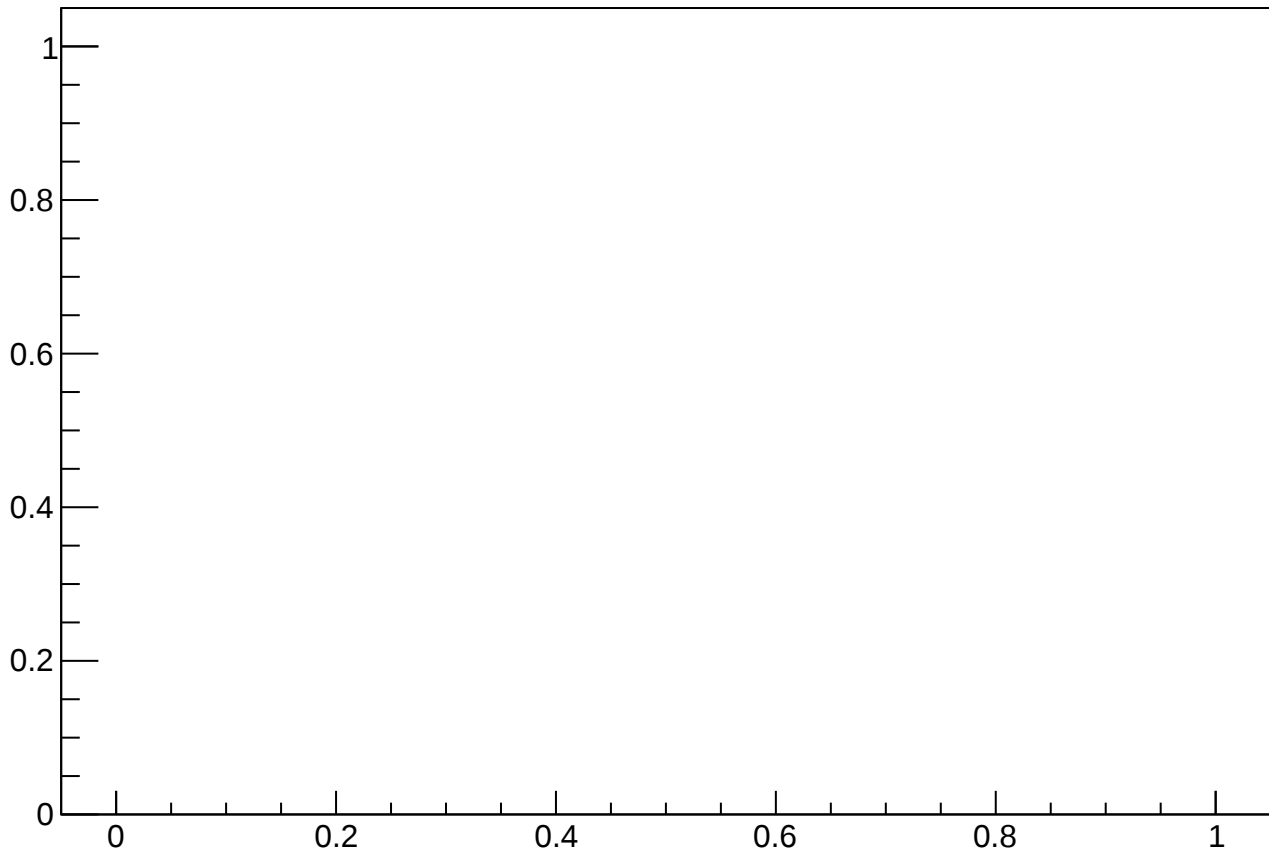
bcm_dg_us_dg_ds_dd_mean vs Slug, Sign Corrected



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

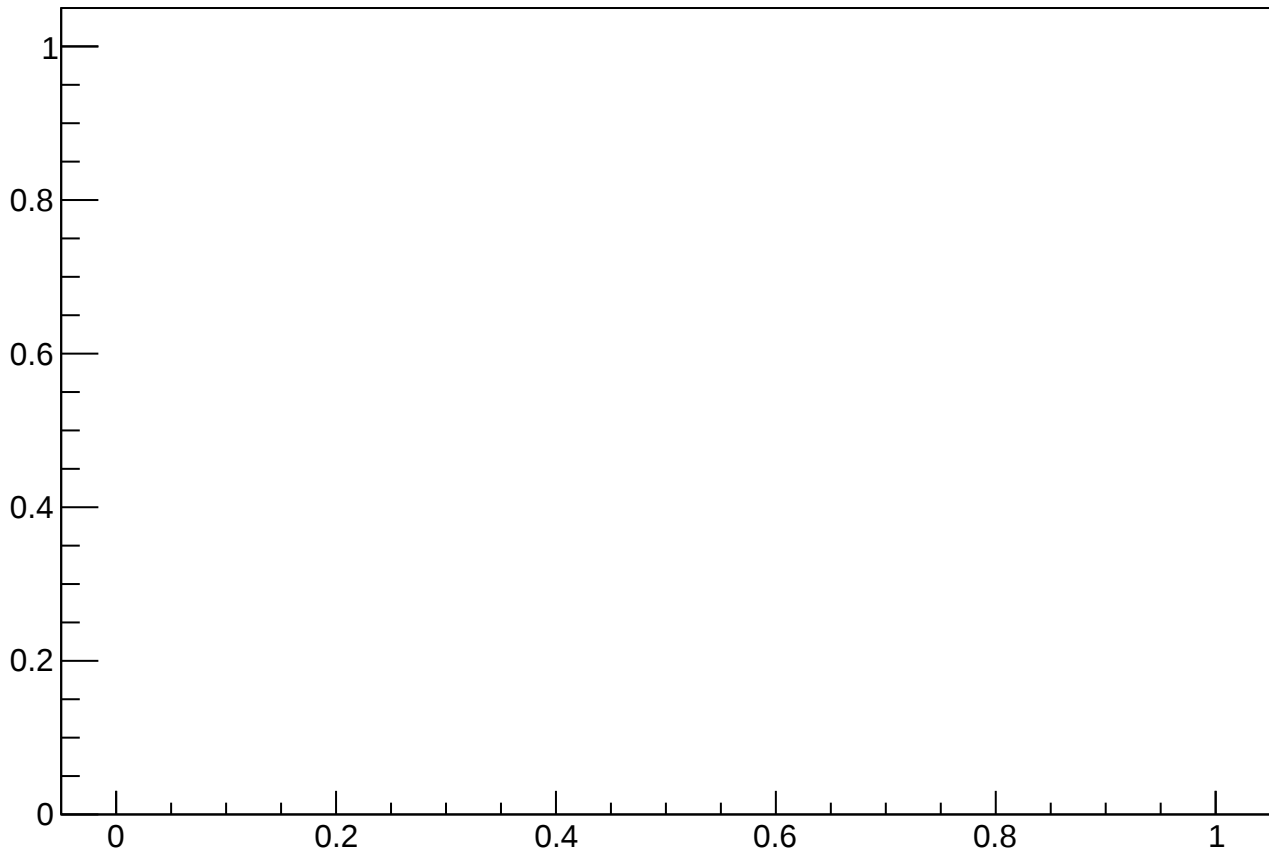
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

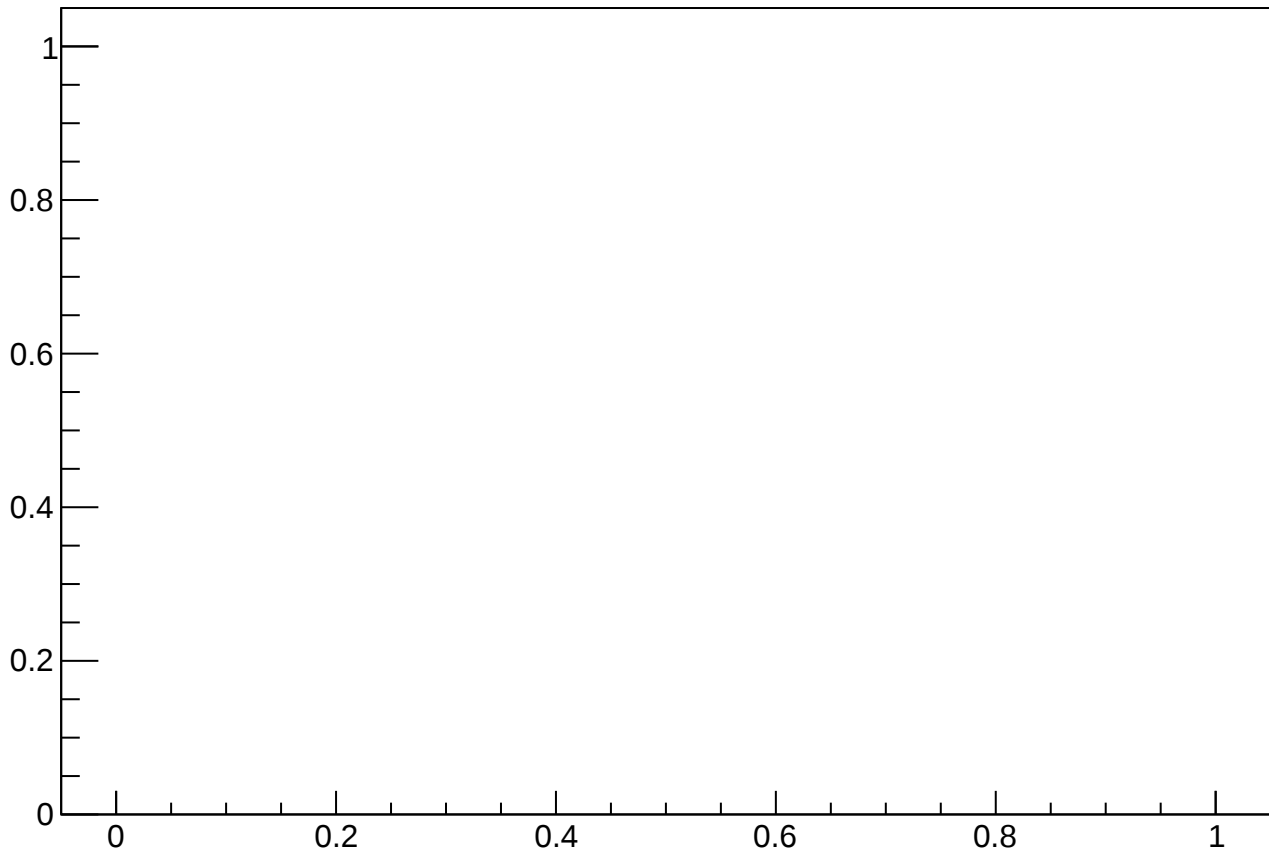
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

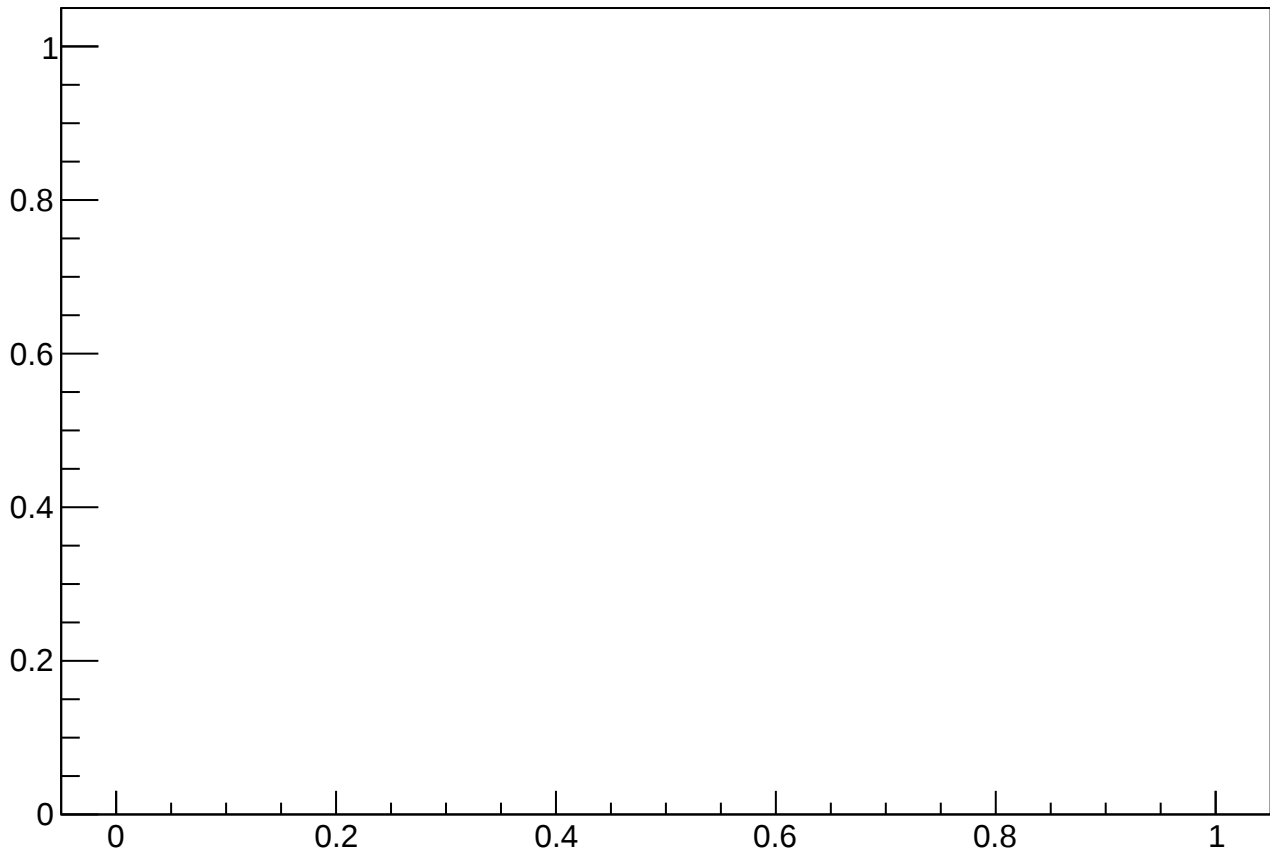
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

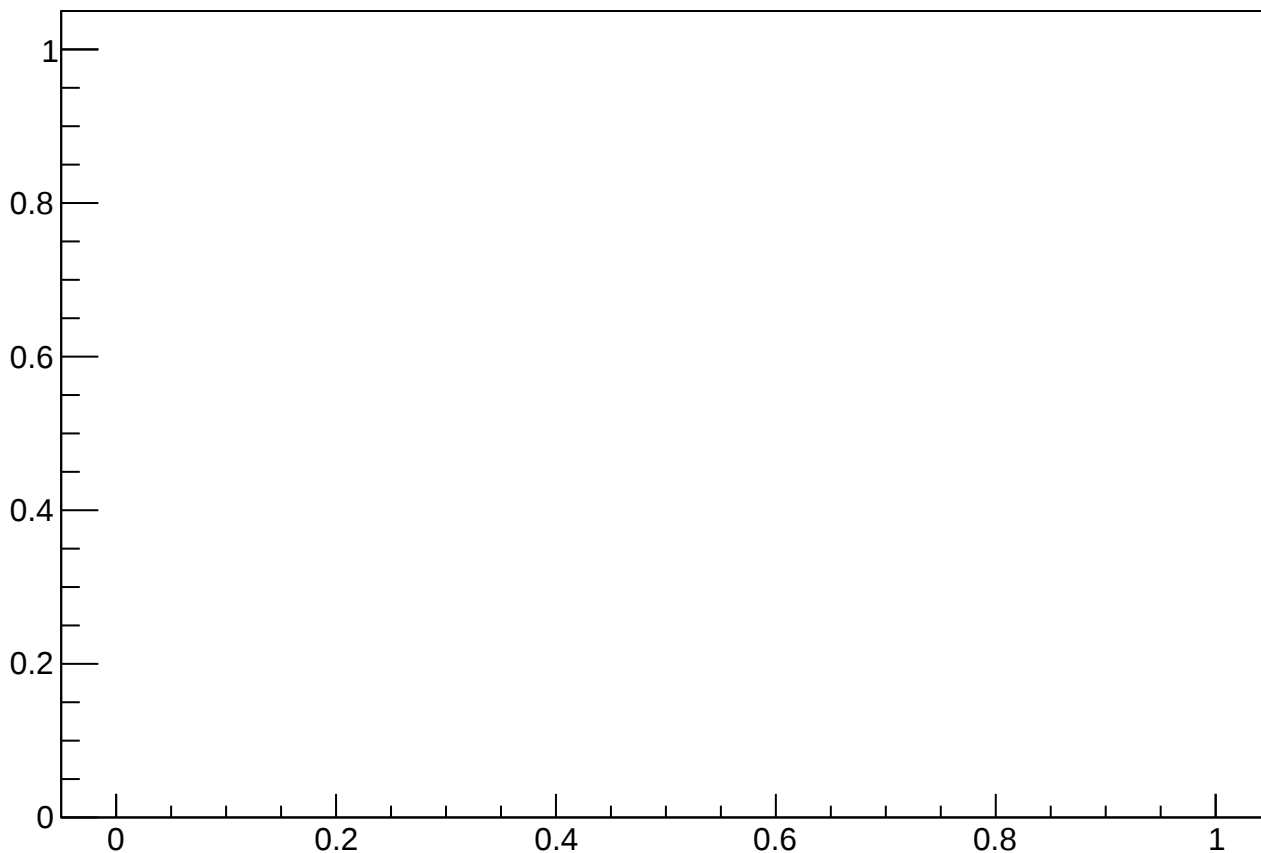
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

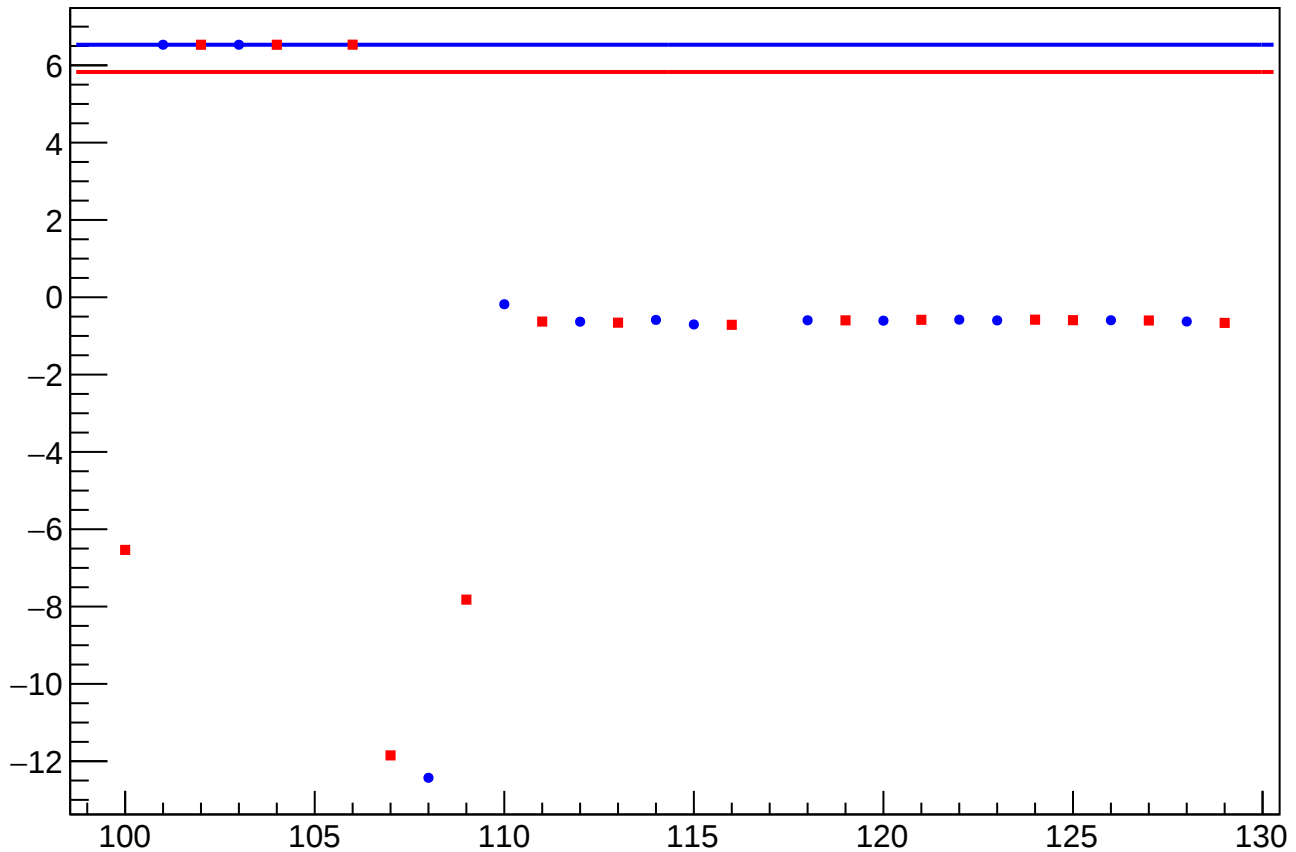
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 : 73805021028.0/12

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

Right Out: 5.828+/-0.000 χ^2/NDF : 755931555576216.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

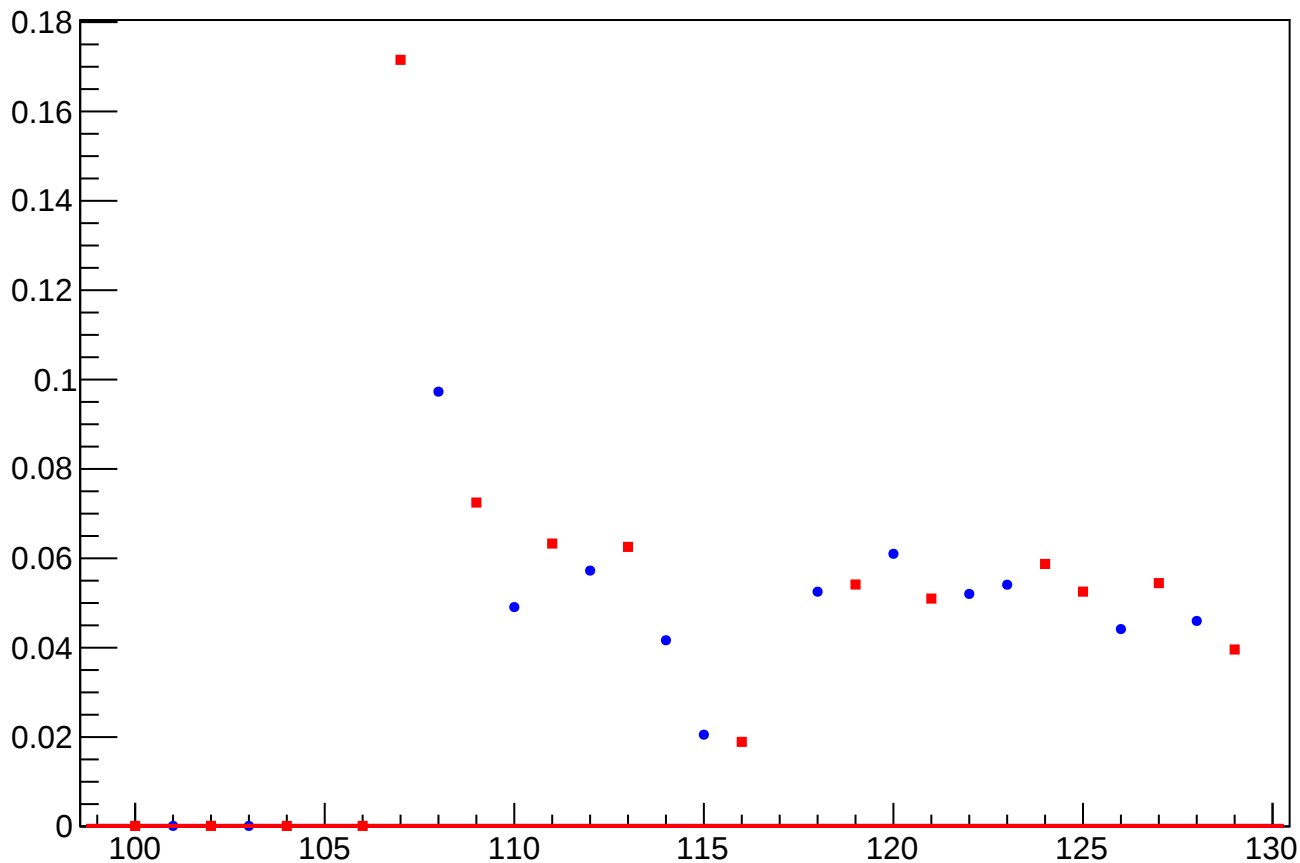
Right: 6.155+/-0.000 χ^2/NDF : 776011662241605.0/12

In: 6.532+/-0.000 χ^2/NDF : 73805021028.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.155+/-0.000 χ^2/NDF : 776011662241605.0/12

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5928659.2/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 7032778.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

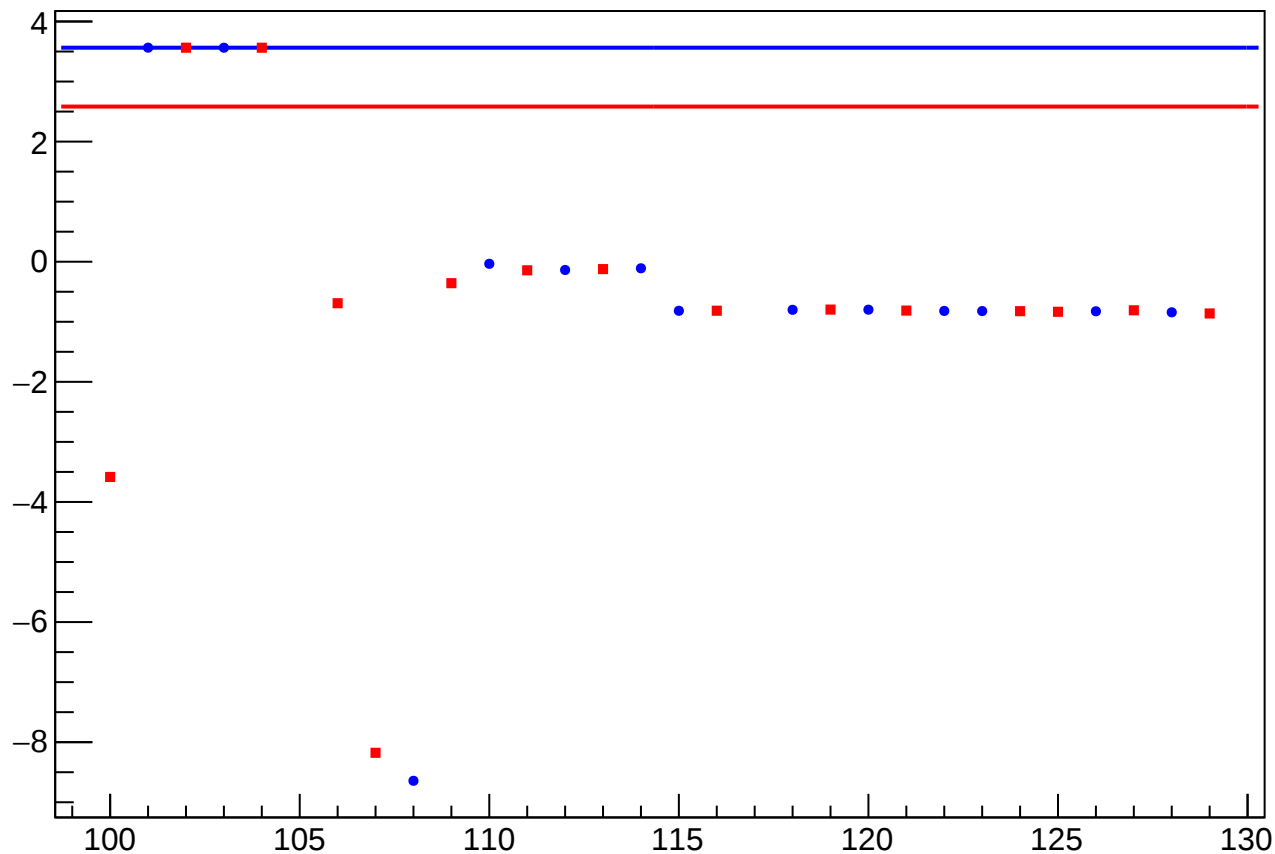
Right: 0.000+/-0.000 χ^2/NDF : 12961634.5/27

In: 0.000+/-0.000 χ^2/NDF : 5928659.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12961634.5/27

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 3.564+/-0.000 χ^2/NDF : 158714461886.7/12

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

Right Out: 2.584+/-0.000 χ^2/NDF : 1253345286461706.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

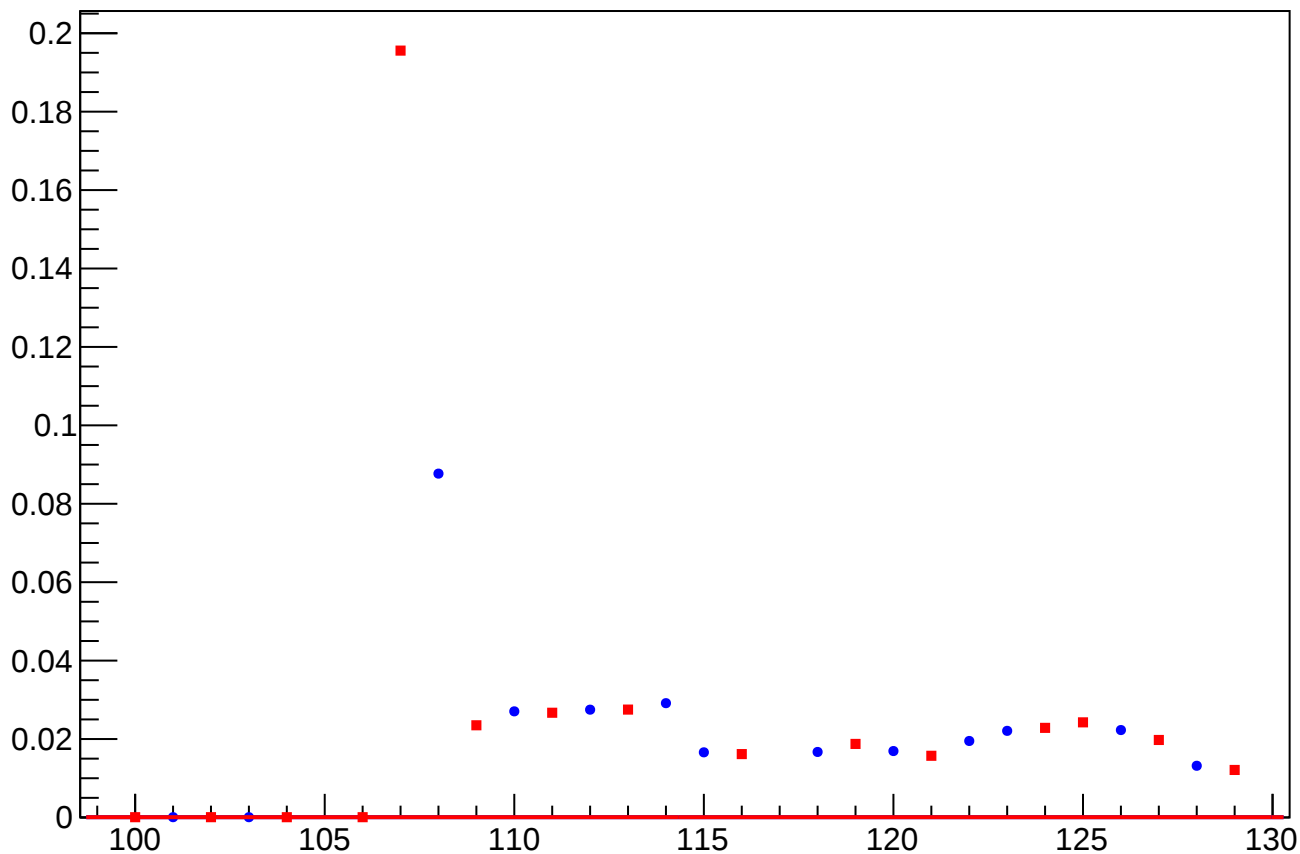
Right: 3.041+/-0.000 χ^2/NDF : 1381802466229161.1

In: 3.564+/-0.000 χ^2/NDF : 158714461886.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.041+/-0.000 χ^2/NDF : 1381802466229161.1

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6280043.6/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 7263459.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

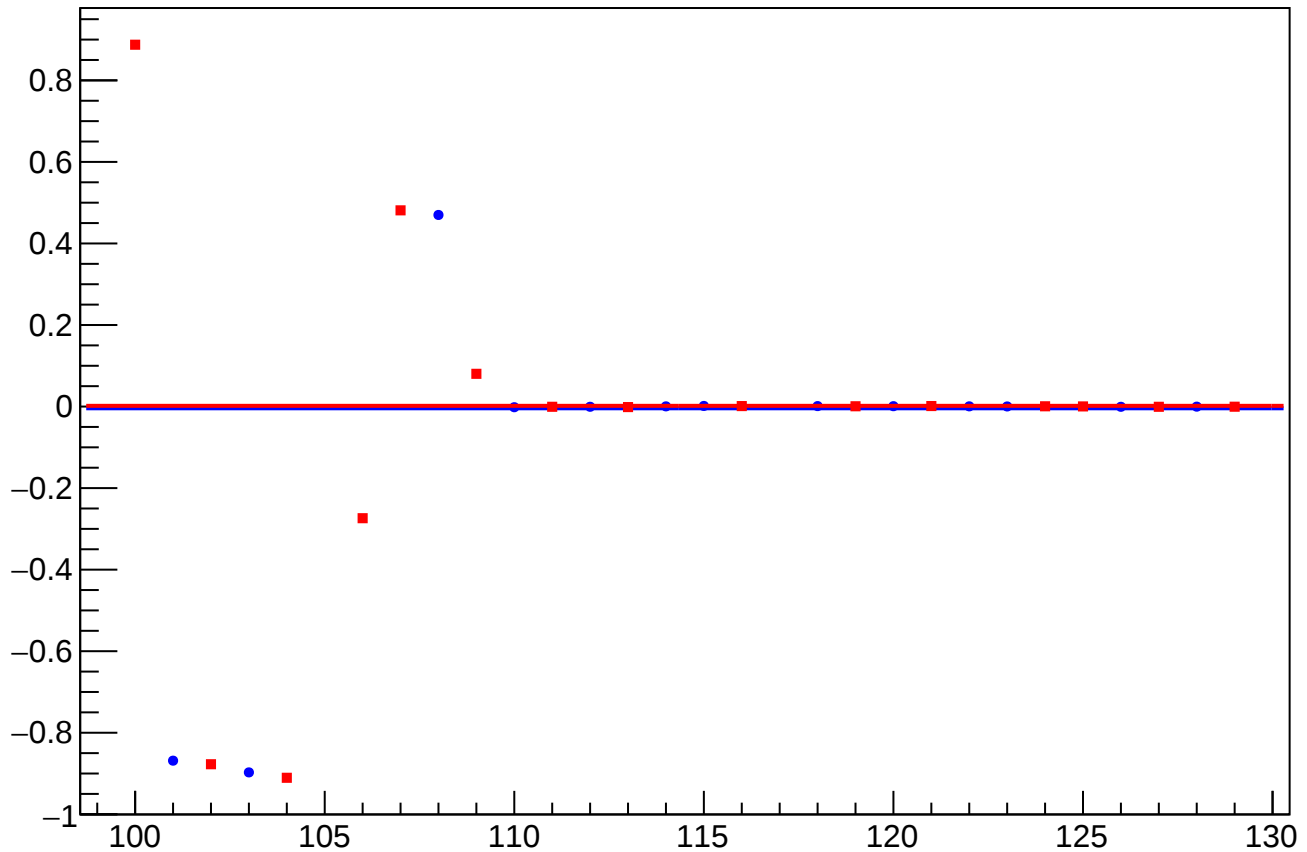
Right: 0.000+/-0.000 χ^2/NDF : 13543672.7/27

In: 0.000+/-0.000 χ^2/NDF : 6280043.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13543672.7/27

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.004+/-0.000 χ^2/NDF : 9784884465.3/12

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3040252190.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

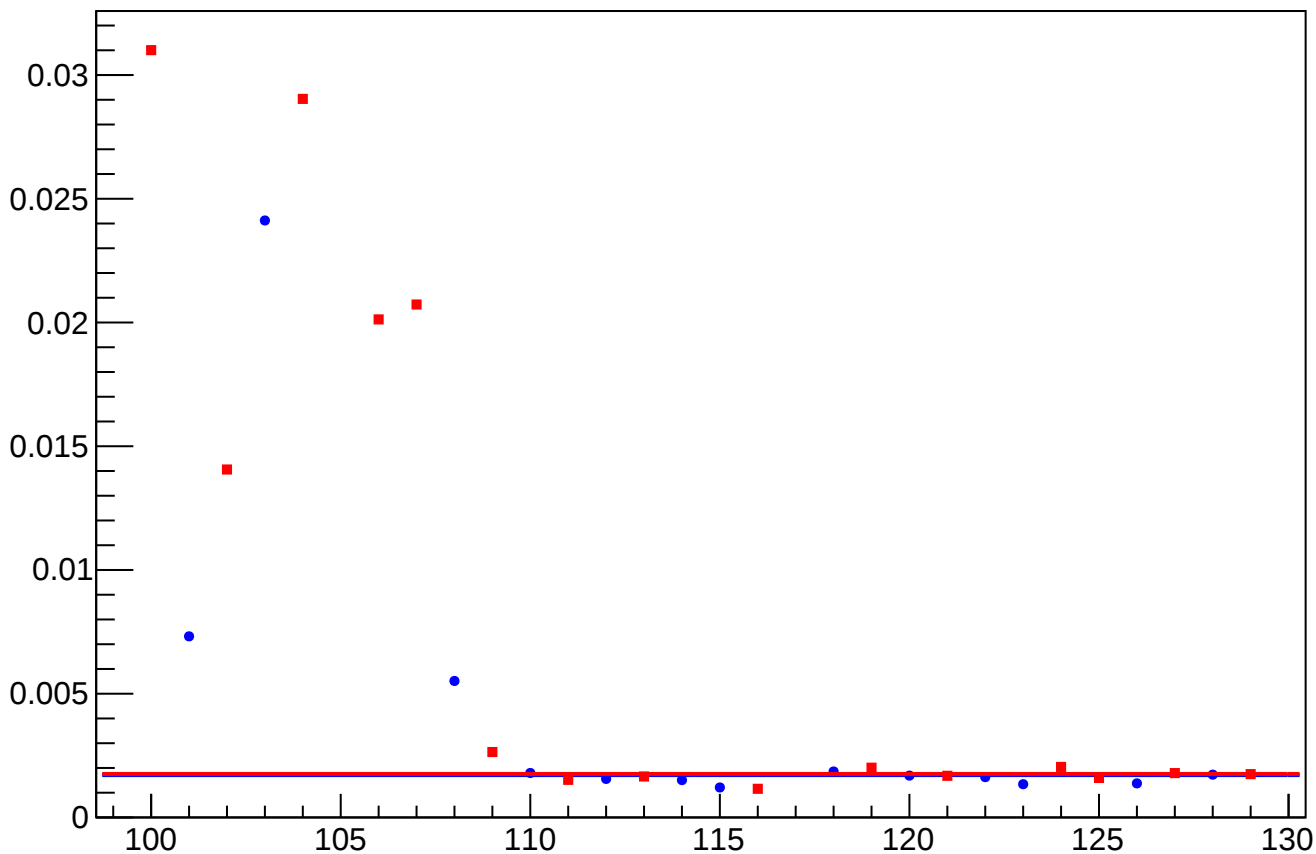
Right: -0.001+/-0.000 χ^2/NDF : 12844355536.1/27

In: -0.004+/-0.000 χ^2/NDF :9784884465.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.001+/-0.000 χ^2/NDF : 12844355536.1/27

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000

χ^2/NDF : 1757623.3/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000

χ^2/NDF : 2850886.2/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.002+/-0.000

χ^2/NDF : 4610712.0/27

In: 0.002+/-0.000

χ^2/NDF : 1757623.3/12

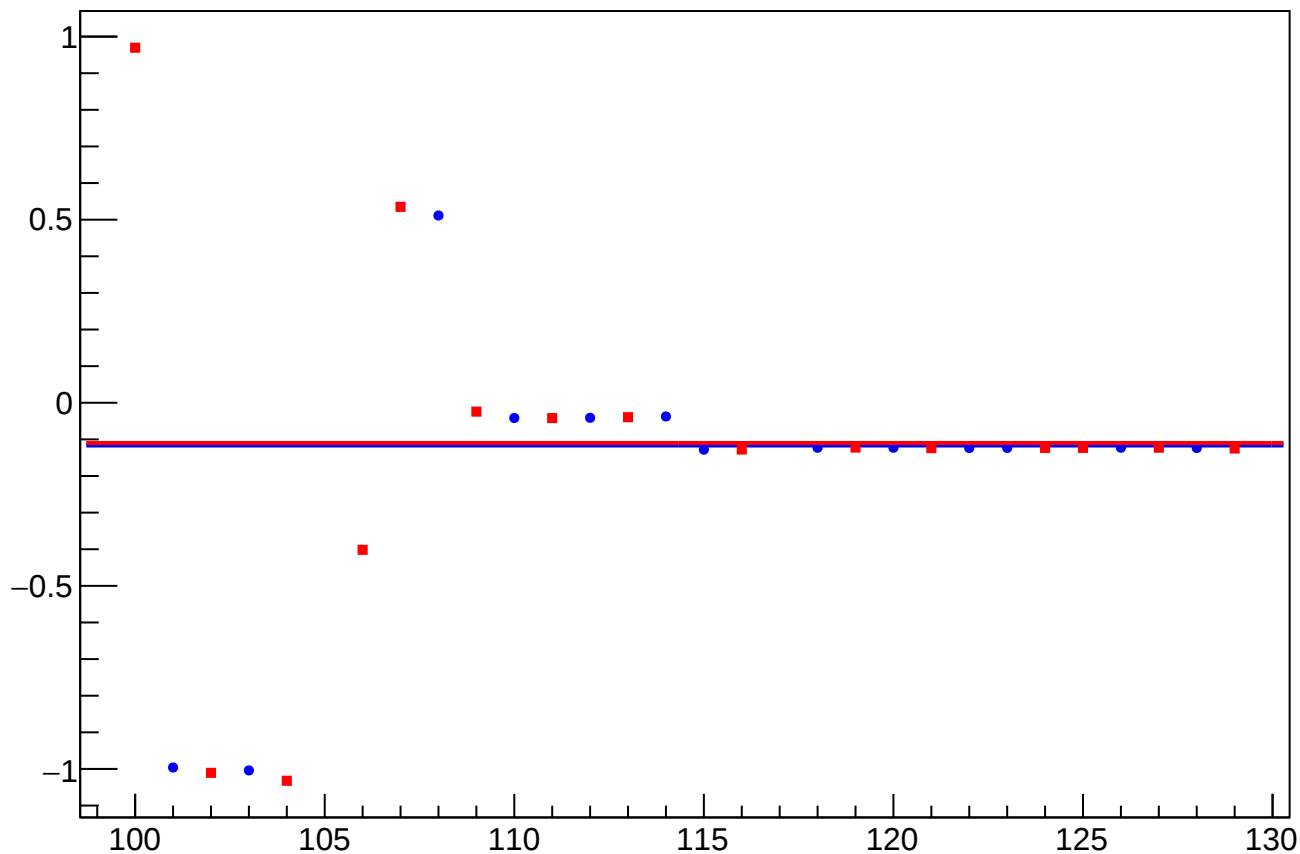
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.002+/-0.000

χ^2/NDF : 4610712.0/27

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.117+/-0.000 χ^2/NDF : 3906430855.6/12

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

Right Out: -0.110+/-0.000 χ^2/NDF : 2367538524.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

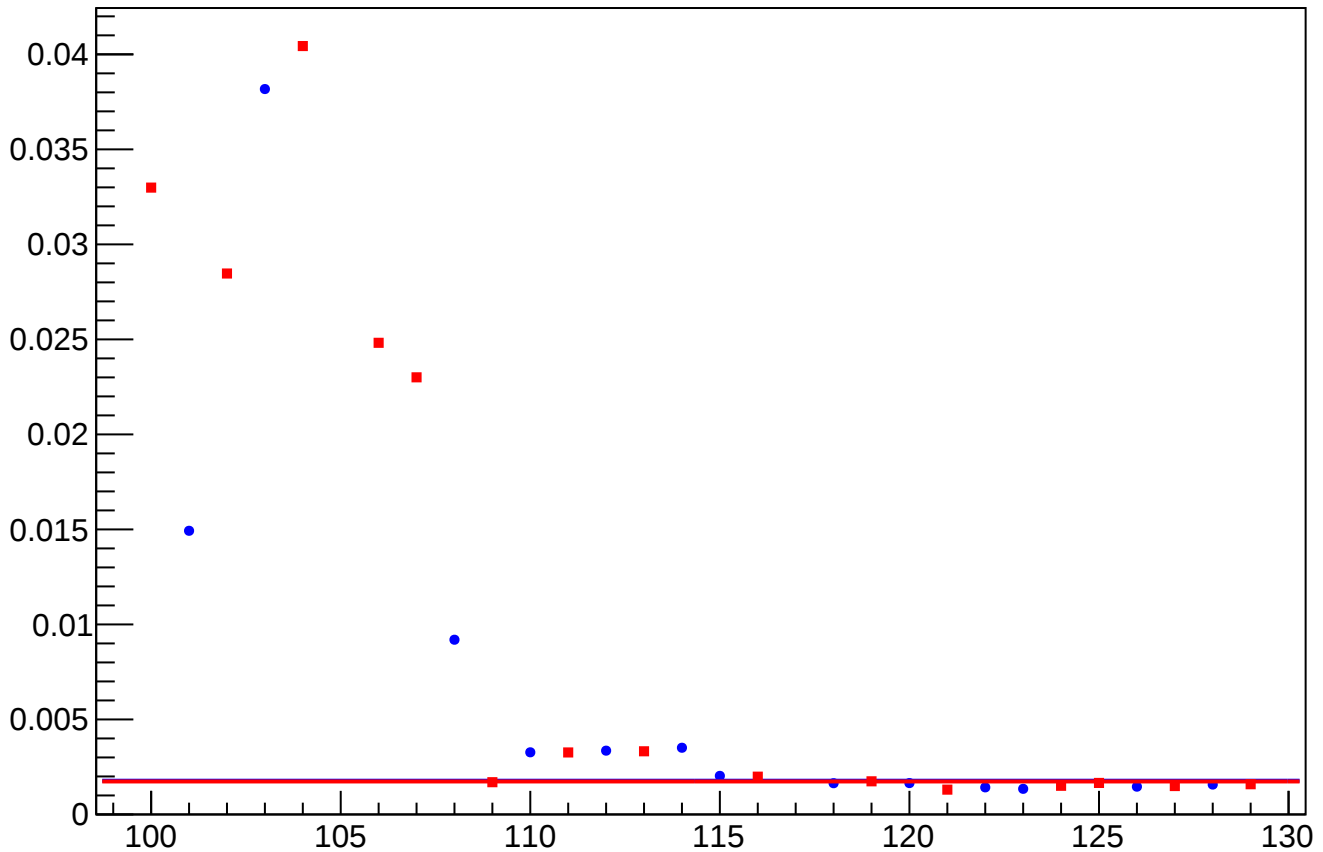
Right: -0.113+/-0.000 χ^2/NDF : 6298756123.9/27

In: -0.117+/-0.000 χ^2/NDF : 3906430855.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.113+/-0.000 χ^2/NDF : 6298756123.9/27

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2665558.4/12

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3305359.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

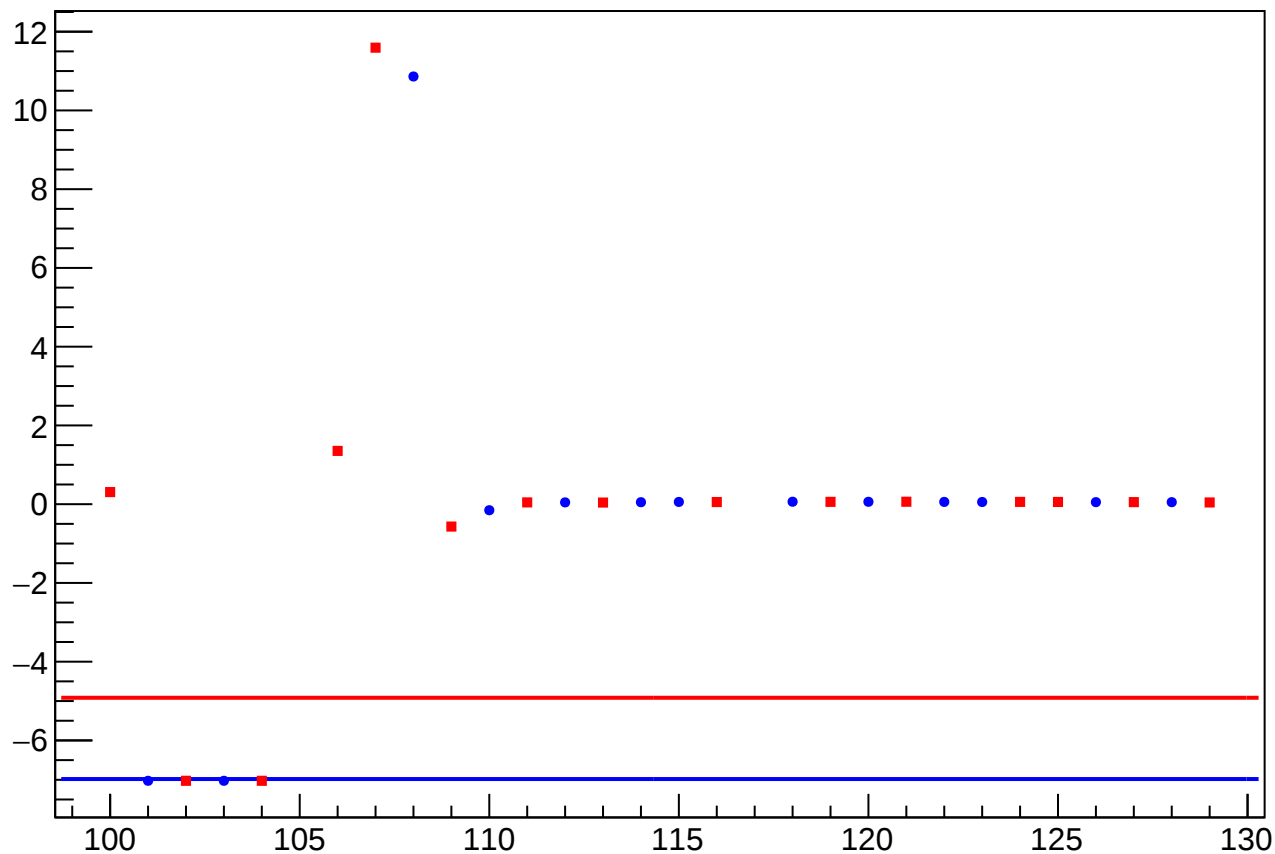
Right: 0.002+/-0.000 χ^2/NDF : 5972470.8/27

In: 0.002+/-0.000 χ^2/NDF :2665558.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

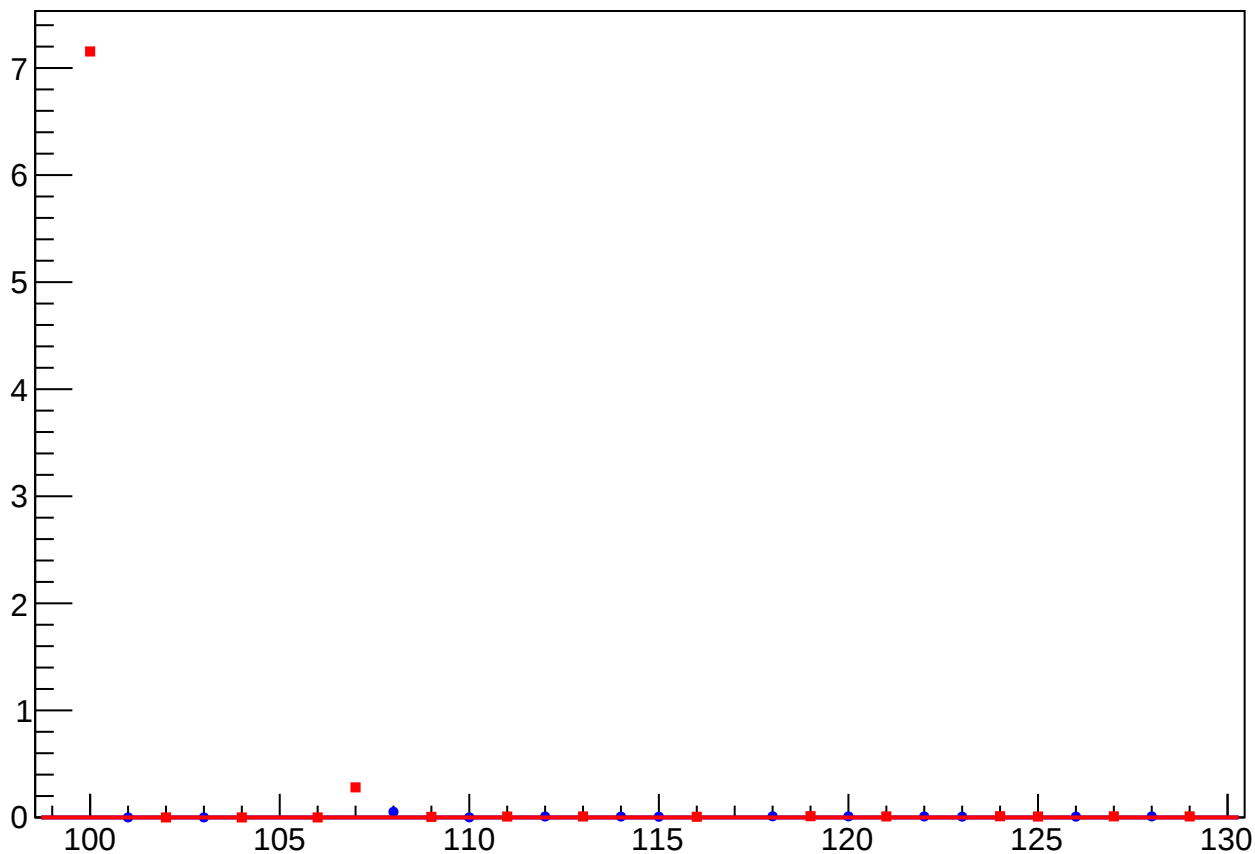
All: 0.002+/-0.000 χ^2/NDF : 5972470.8/27

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -6.980+/-0.000 χ^2/NDF : 7785149005500.7/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -4.916+/-0.000 χ^2/NDF : 365009039096954.2/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -5.904+/-0.000 χ^2/NDF : 429114778697529.5

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5242681.1/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 6471900.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

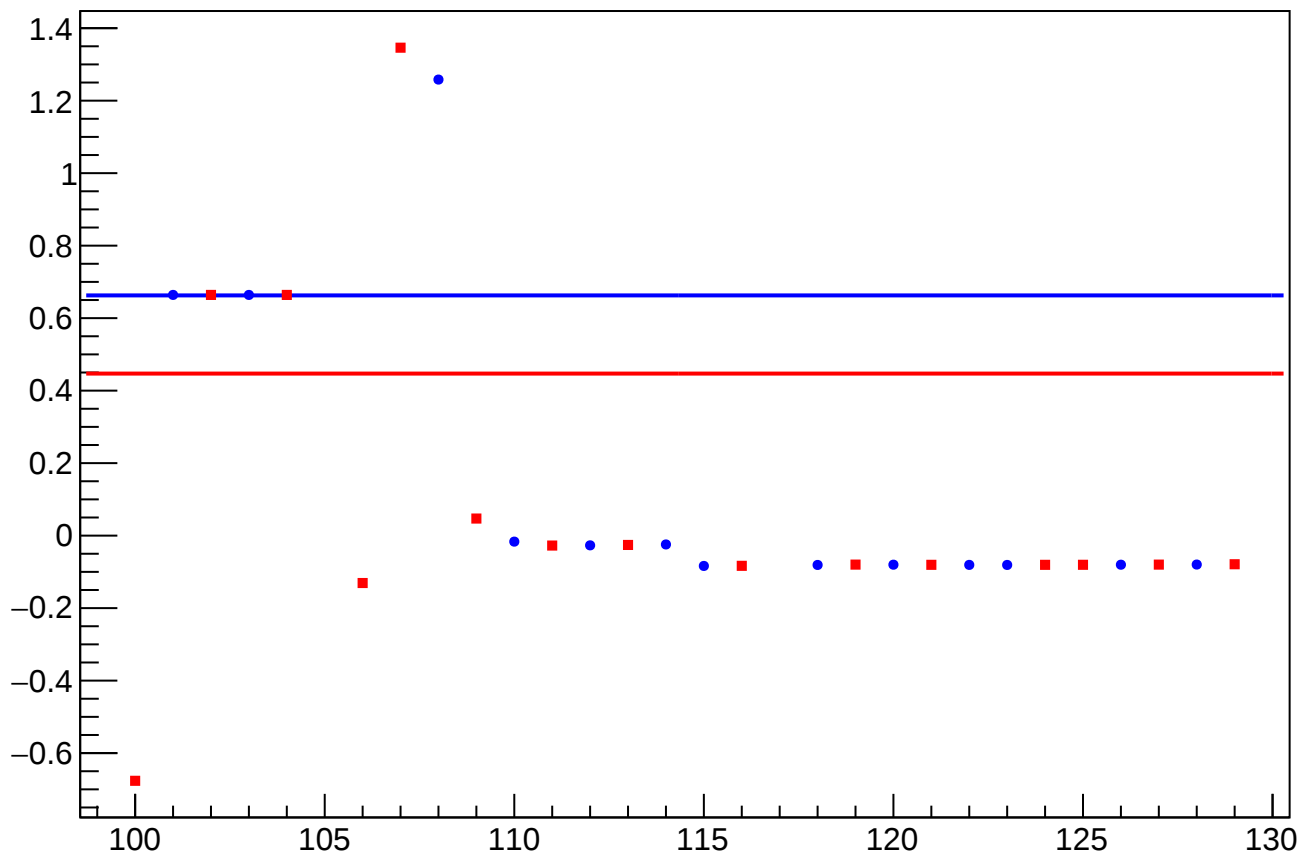
Right: 0.000+/-0.000 χ^2/NDF : 11714615.9/27

In: 0.000+/-0.000 χ^2/NDF : 5242681.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11714615.9/27

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.663+/-0.000

χ^2/NDF : 2584281740629.1/12

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.550+/-0.000

χ^2/NDF : 470074284054805.2

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.663+/-0.000

χ^2/NDF : 2584281740629.1/12

Right Out: 0.447+/-0.000

χ^2/NDF : 404228237092313.0/14

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

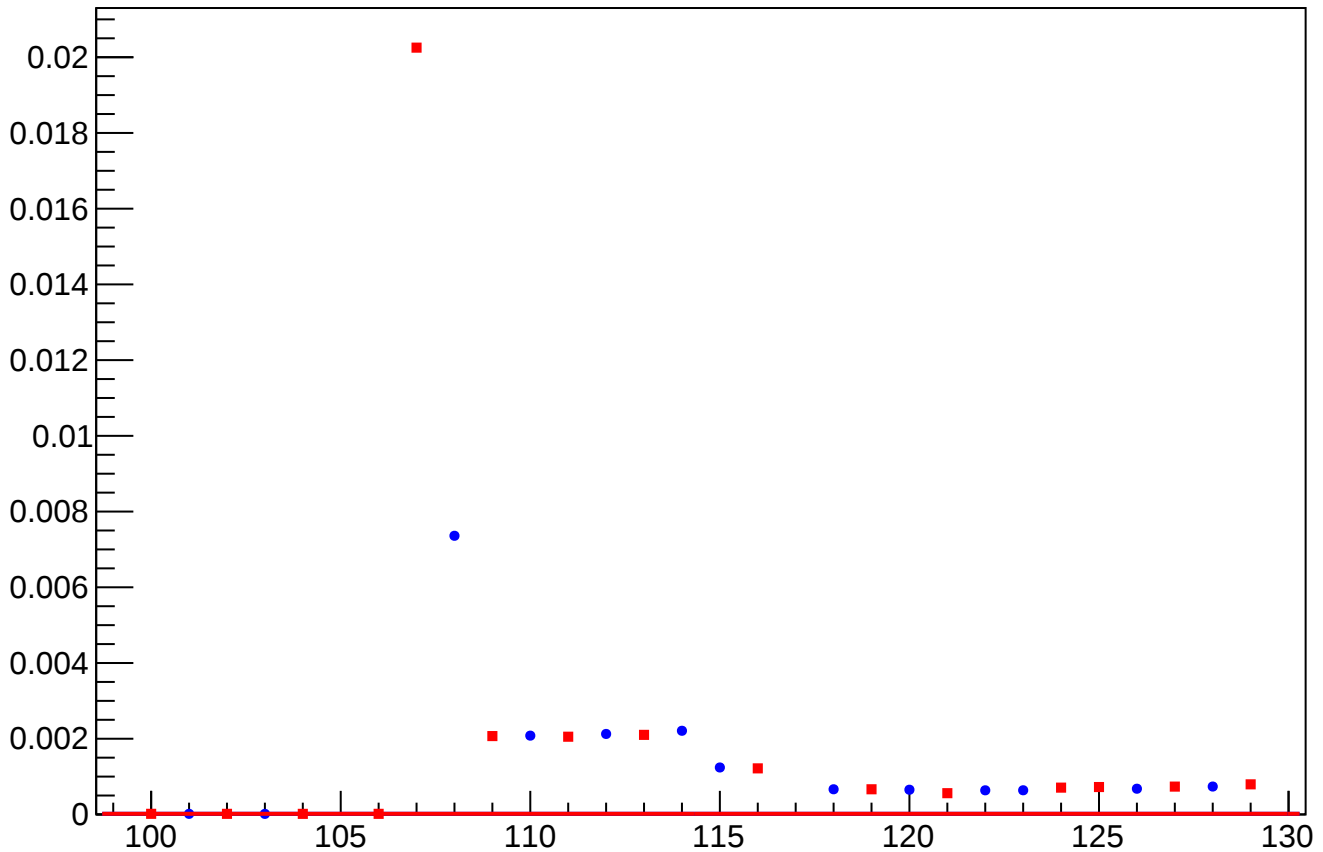
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.550+/-0.000

χ^2/NDF : 470074284054805.2

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6425284.5/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 6873193.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

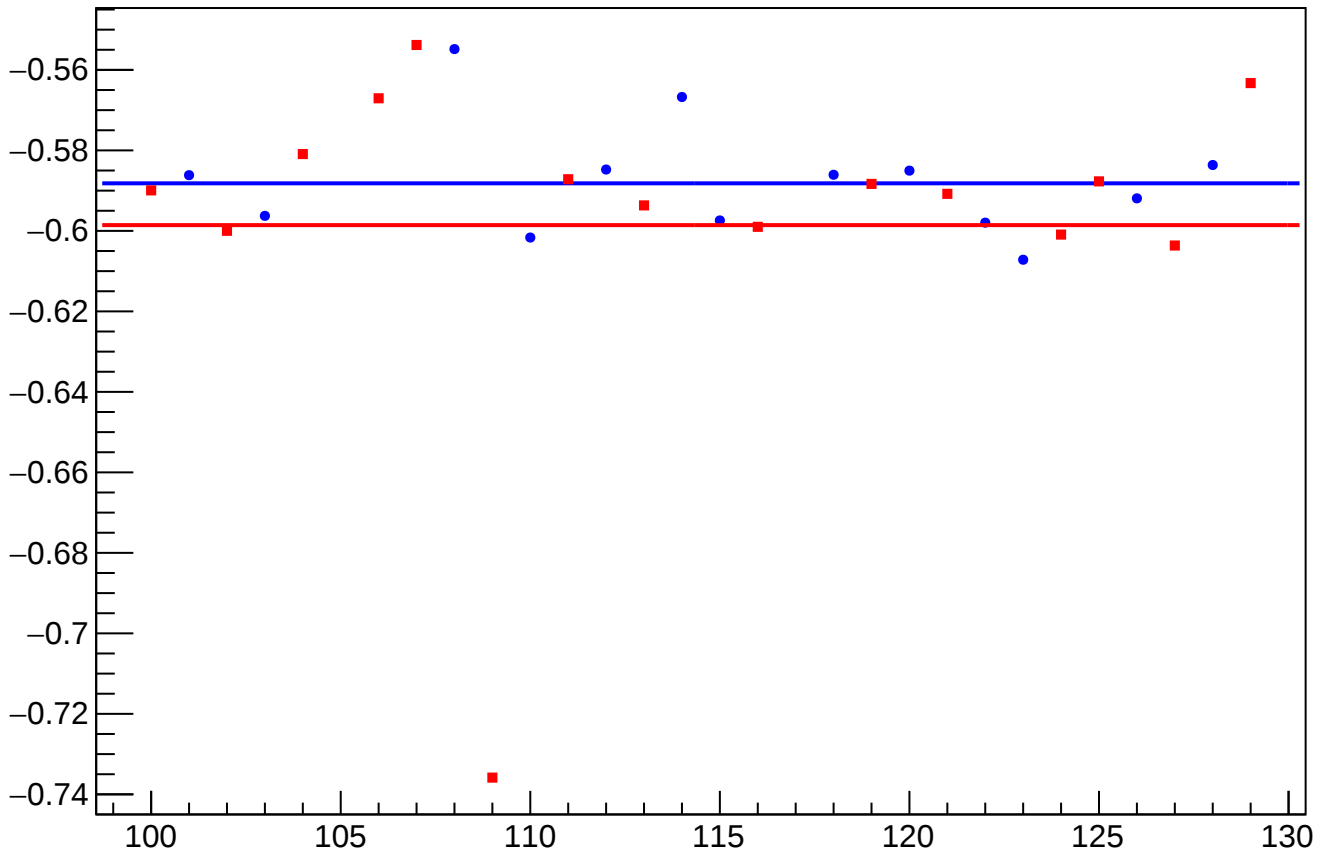
Right: 0.000+/-0.000 χ^2/NDF : 13298682.1/27

In: 0.000+/-0.000 χ^2/NDF : 6425284.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13298682.1/27

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.588+/-0.000 χ^2/NDF : 636336.3/12

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

Right Out: -0.599+/-0.000 χ^2/NDF : 11224955.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

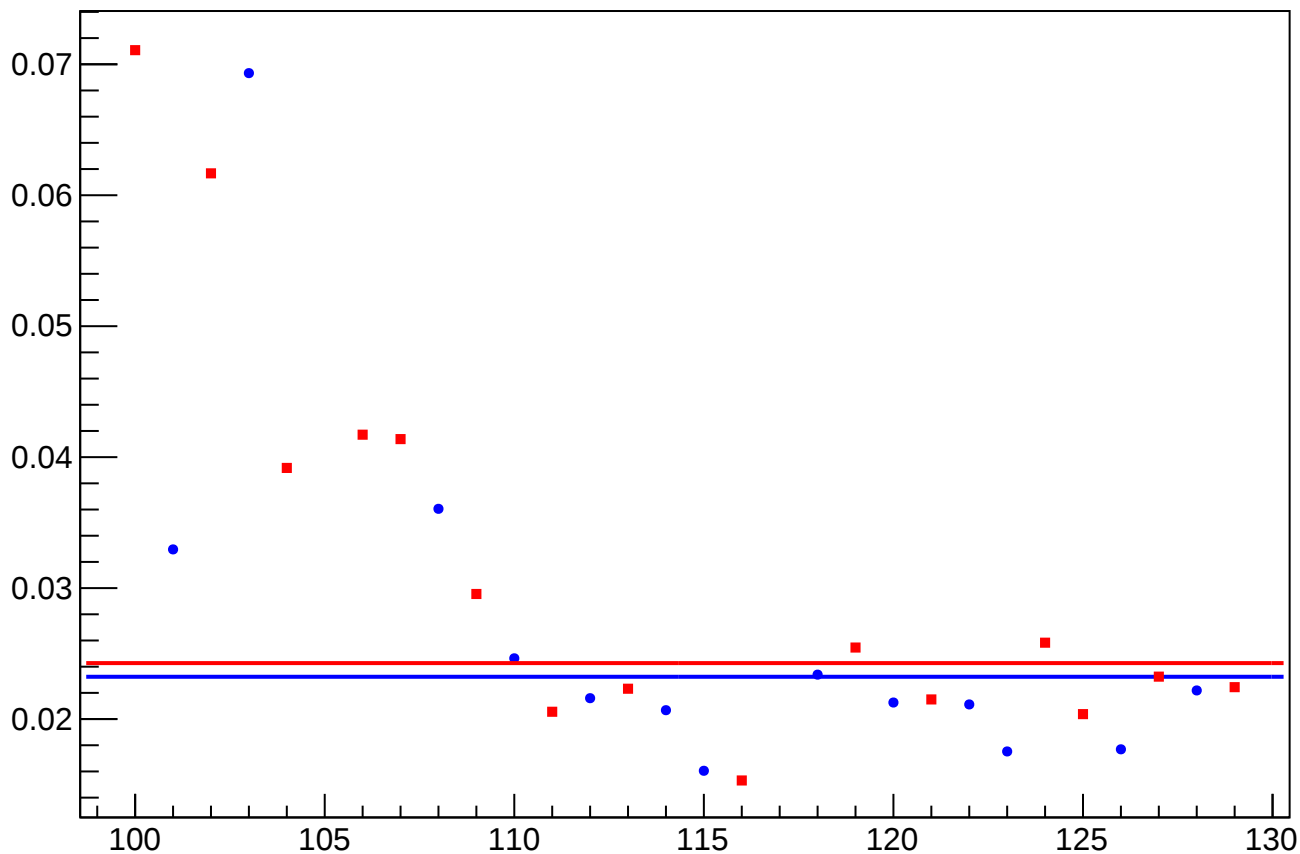
Right: -0.594+/-0.000 χ^2/NDF : 12232548.0/27

In: -0.588+/-0.000 χ^2/NDF :636336.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.594+/-0.000 χ^2/NDF : 12232548.0/27

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 782253.0/12

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

Right Out: 0.024+/-0.000 χ^2/NDF : 935917.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

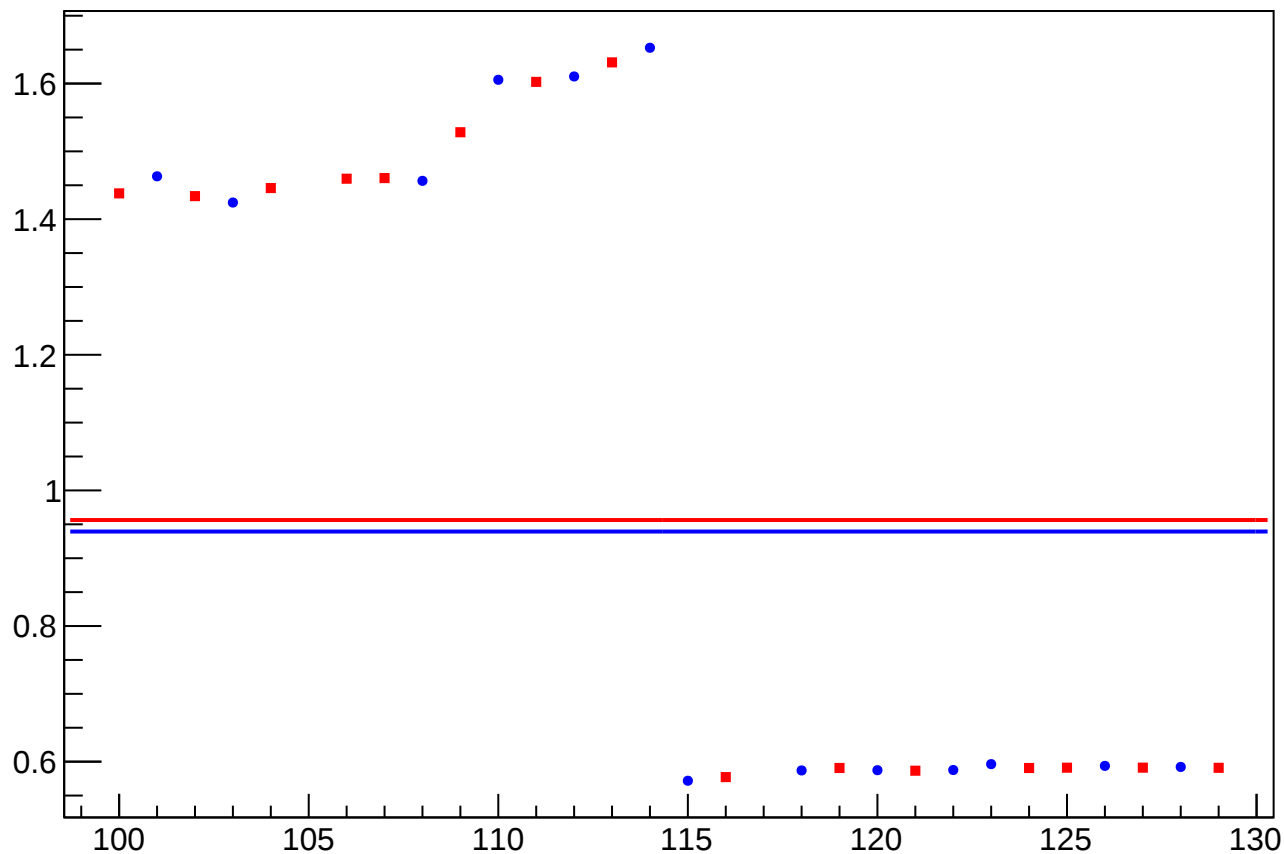
Right: 0.024+/-0.000 χ^2/NDF : 1725678.2/27

In: 0.023+/-0.000 χ^2/NDF :782253.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1725678.2/27

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.939+/-0.000 χ^2/NDF : 2822486611.7/12

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

Right Out: 0.956+/-0.000 χ^2/NDF : 3408086007.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

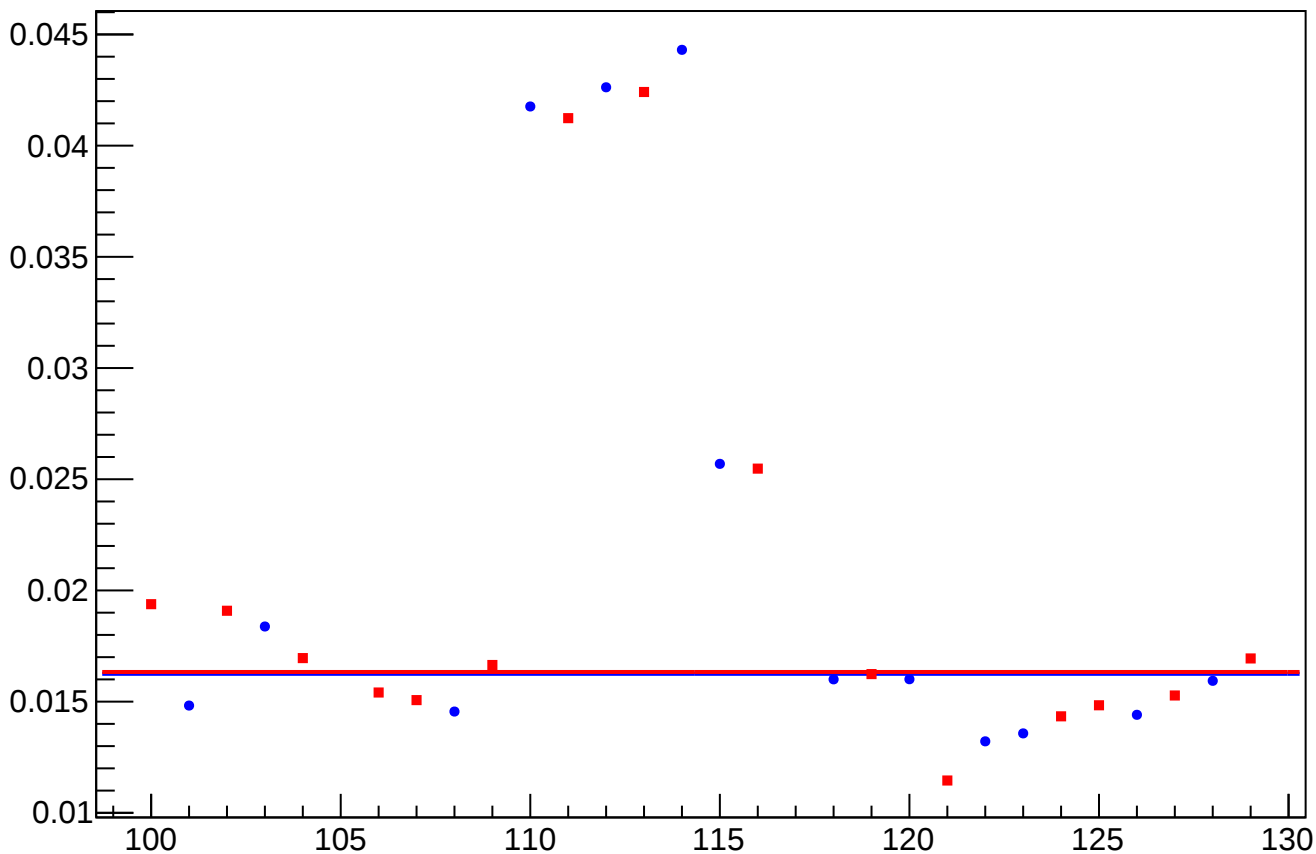
Right: 0.948+/-0.000 χ^2/NDF : 6232948893.4/27

In: 0.939+/-0.000 χ^2/NDF :2822486611.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.948+/-0.000 χ^2/NDF : 6232948893.4/27

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 789347.4/12

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

Right Out: 0.016+/-0.000 χ^2/NDF : 868991.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

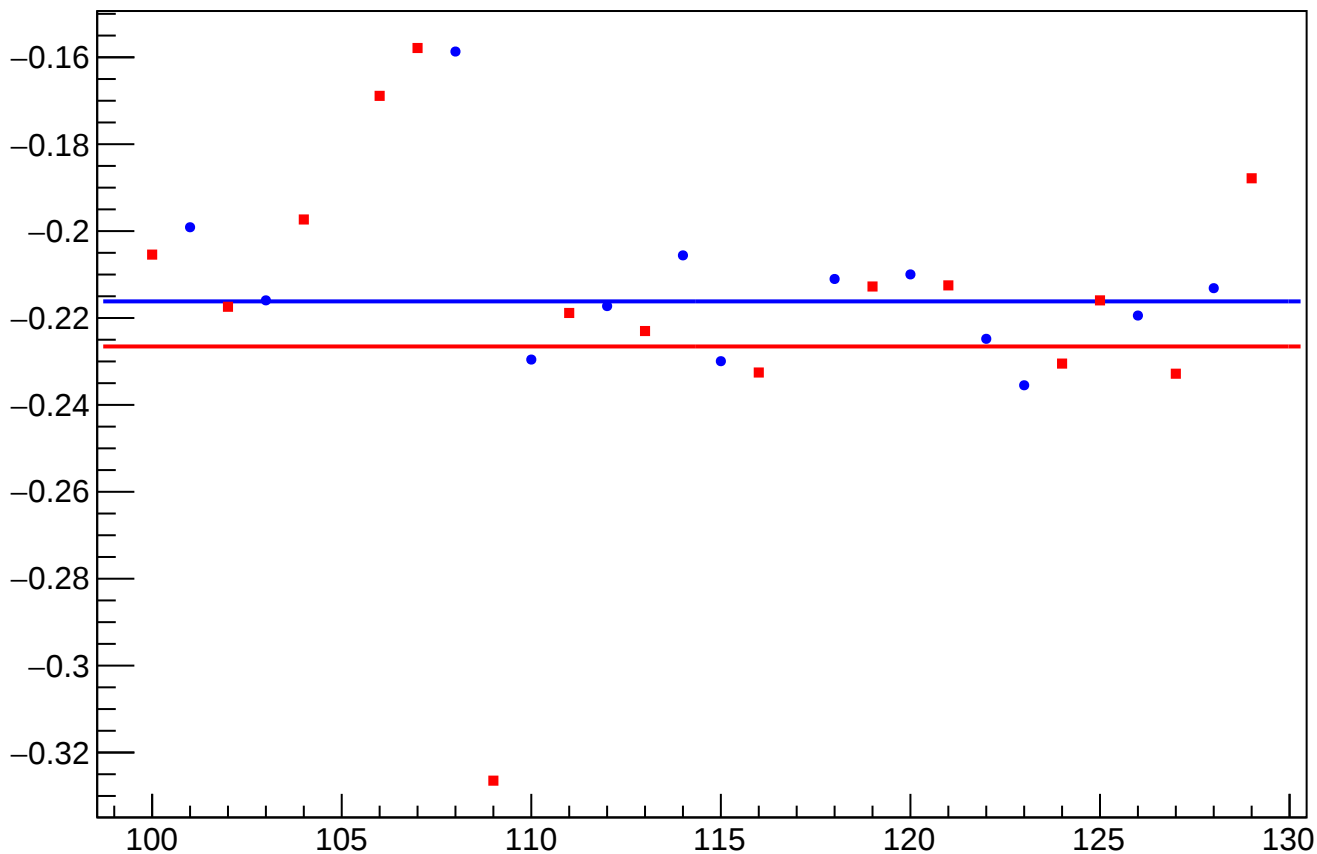
Right: 0.016+/-0.000 χ^2/NDF : 1658452.9/27

In: 0.016+/-0.000 χ^2/NDF :789347.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.016+/-0.000 χ^2/NDF : 1658452.9/27

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.216+/-0.000 χ^2/NDF : 1402003.2/12

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

Right Out: -0.227+/-0.000 χ^2/NDF : 12705453.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

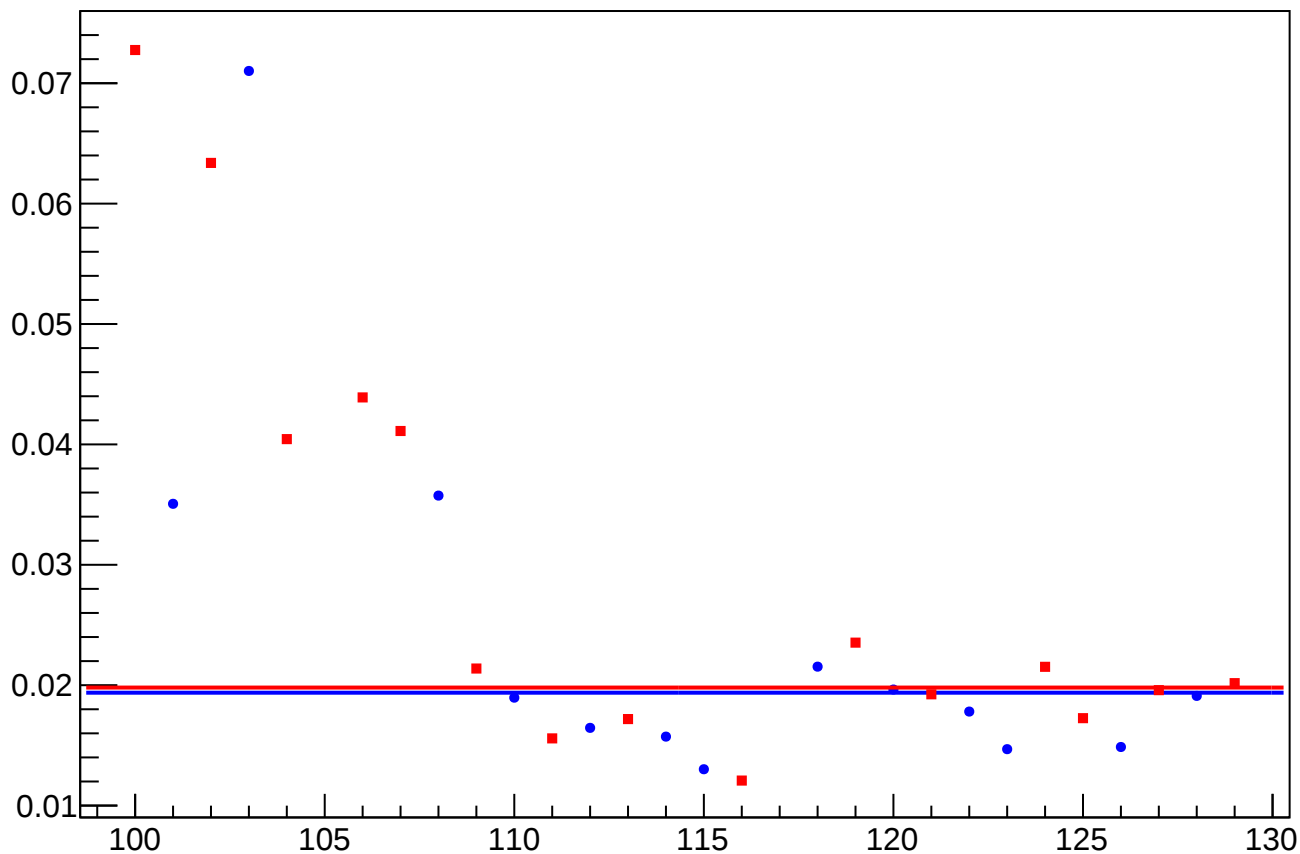
Right: -0.222+/-0.000 χ^2/NDF : 14630174.5/27

In: -0.216+/-0.000 χ^2/NDF :1402003.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.222+/-0.000 χ^2/NDF : 14630174.5/27

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 1076170.7/12

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

Right Out: 0.020+/-0.000 χ^2/NDF : 1301511.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

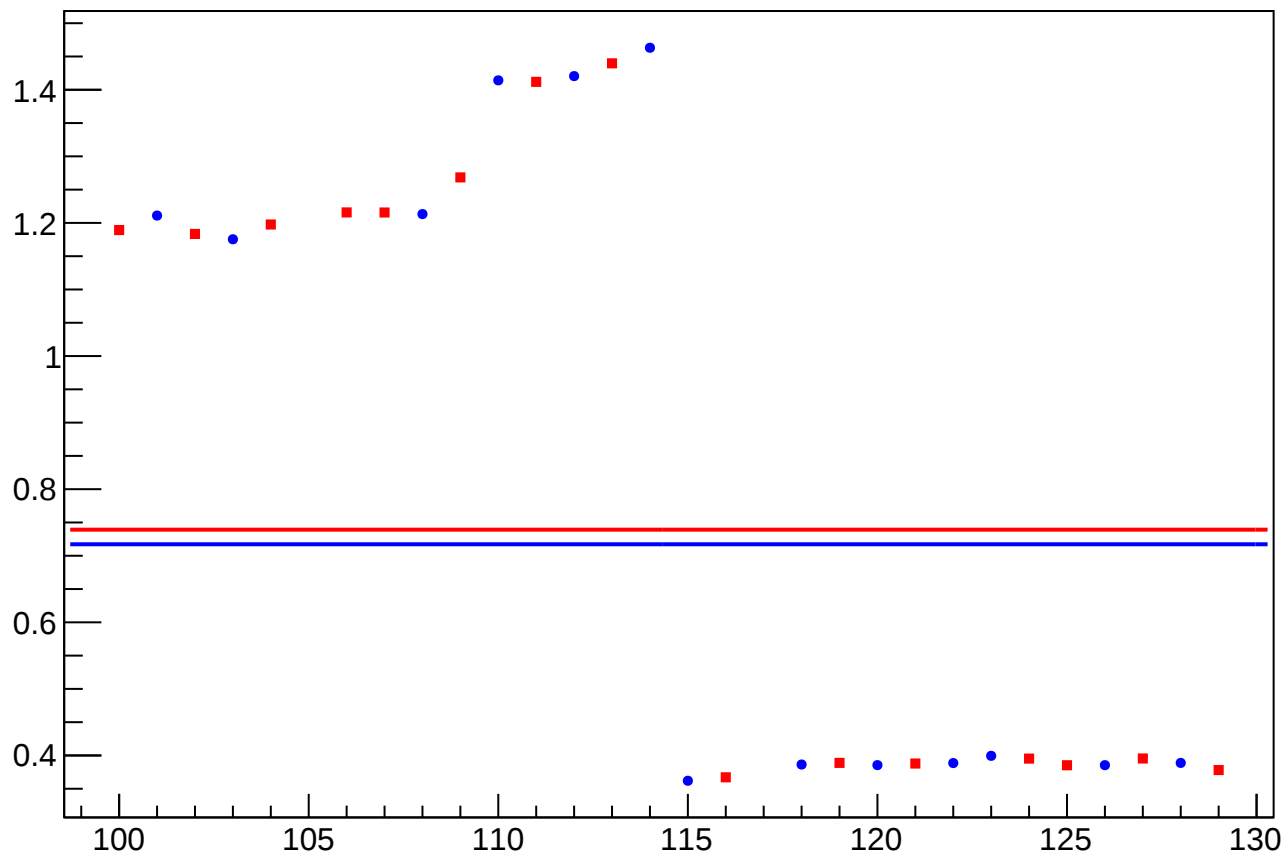
Right: 0.020+/-0.000 χ^2/NDF : 2379449.0/27

In: 0.019+/-0.000 χ^2/NDF : 1076170.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.000 χ^2/NDF : 2379449.0/27

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.717+/-0.000 χ^2/NDF : 3743409322.2/12

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

Right Out: 0.739+/-0.000 χ^2/NDF : 4206772038.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

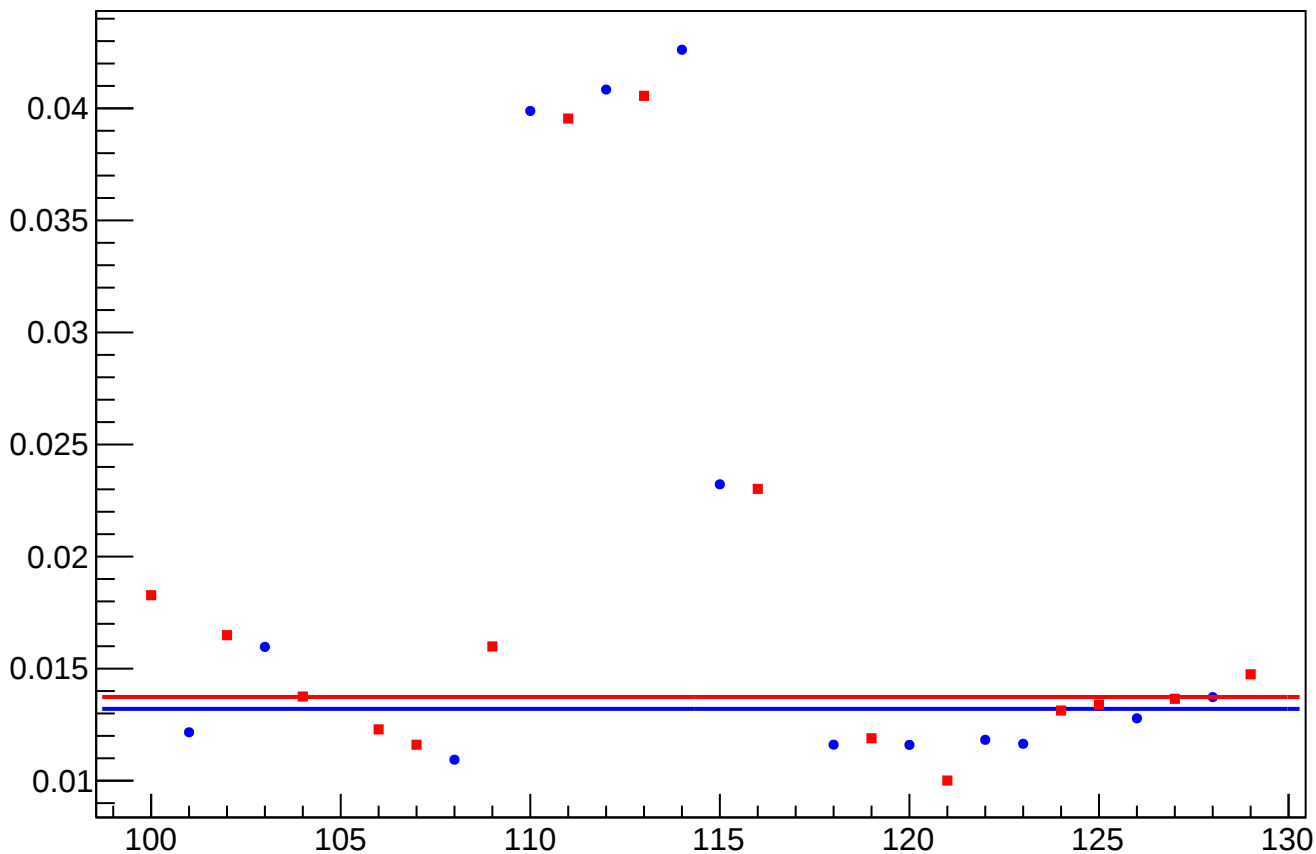
Right: 0.729+/-0.000 χ^2/NDF : 7955841749.2/27

In: 0.717+/-0.000 χ^2/NDF :3743409322.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.729+/-0.000 χ^2/NDF : 7955841749.2/27

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 947305.0/12

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

Right Out: 0.014+/-0.000 χ^2/NDF : 1007030.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

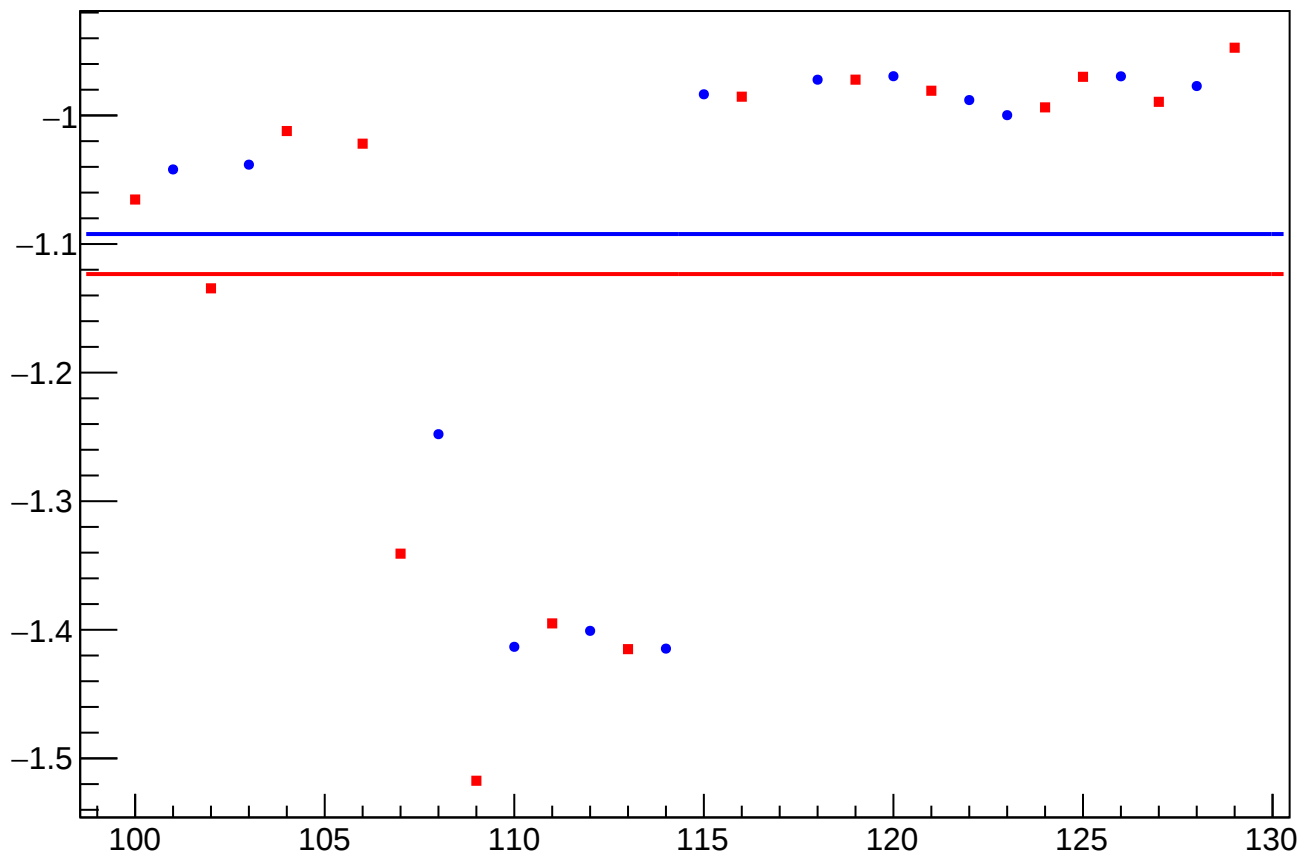
Right: 0.013+/-0.000 χ^2/NDF : 1960993.3/27

In: 0.013+/-0.000 χ^2/NDF : 947305.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 1960993.3/27

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.092 ± 0.000 χ^2/NDF : 224923561.5/12

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

Right Out: -1.123 ± 0.000 χ^2/NDF : 324672570.6/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

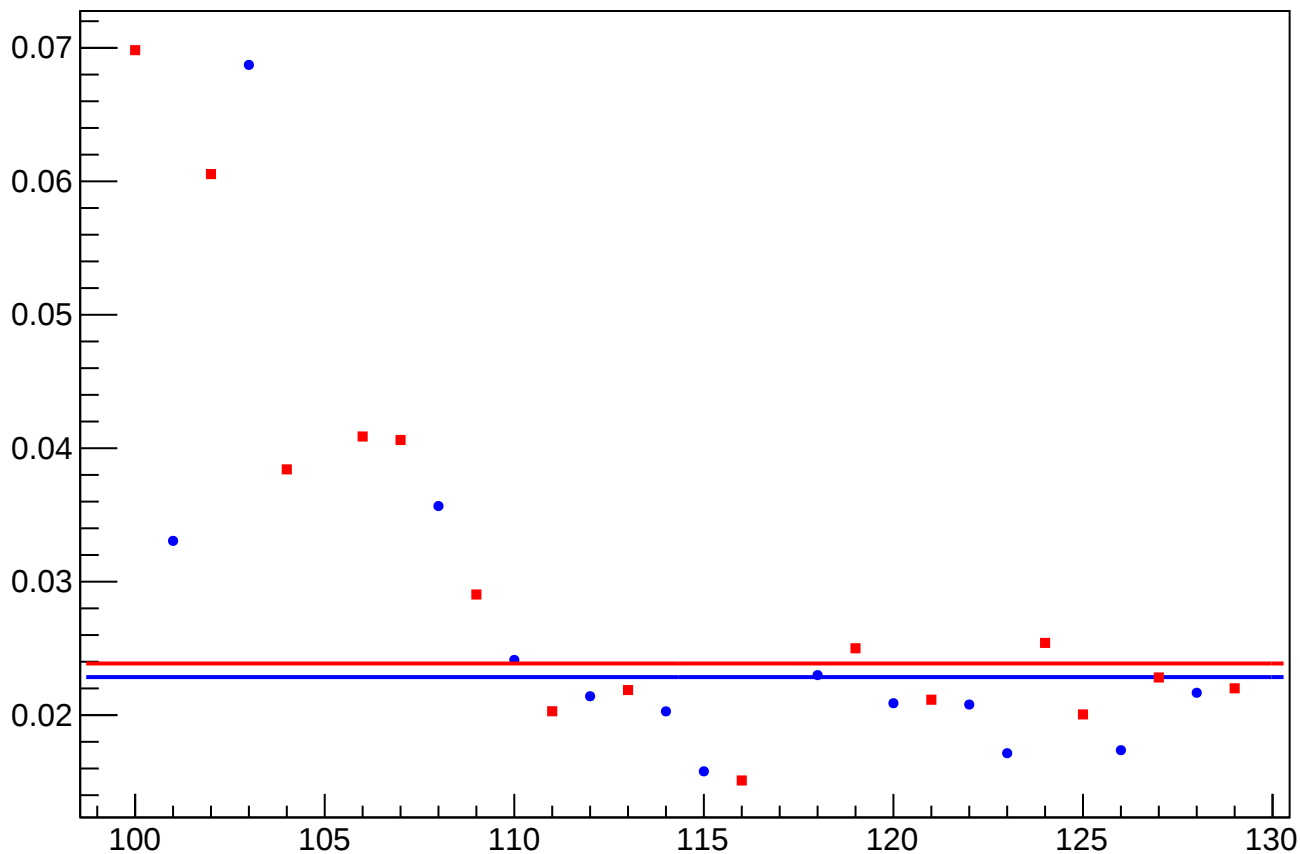
Right: -1.108 ± 0.000 χ^2/NDF : 553036882.5/27

In: -1.092 ± 0.000 χ^2/NDF : 224923561.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.108 ± 0.000 χ^2/NDF : 553036882.5/27

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 794556.9/12

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

Right Out: 0.024+/-0.000 χ^2/NDF : 929340.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

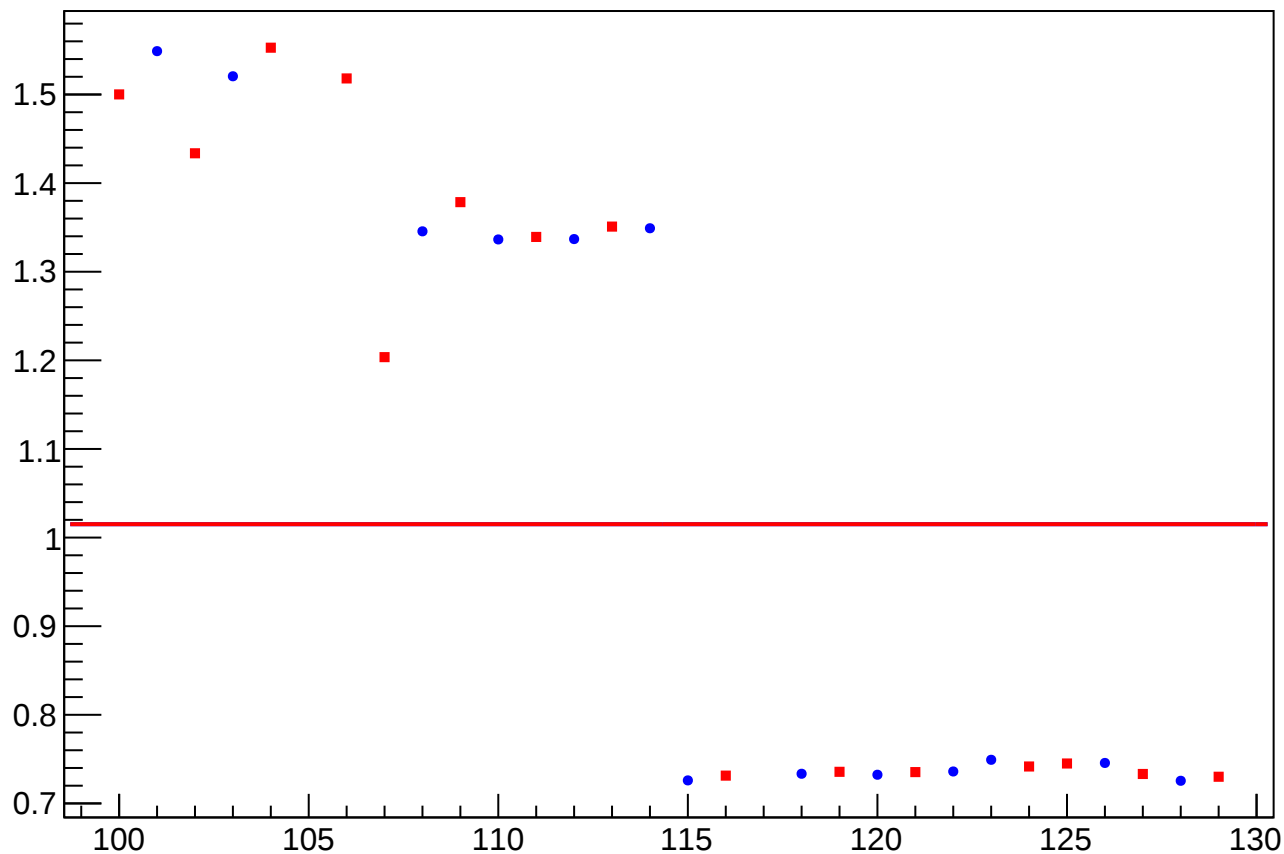
Right: 0.023+/-0.000 χ^2/NDF : 1731282.1/27

In: 0.023+/-0.000 χ^2/NDF : 794556.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.000 χ^2/NDF : 1731282.1/27

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.015+/-0.000

χ^2/NDF : 1902598942.9/12

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1.015+/-0.000

χ^2/NDF : 3960910299.1/27

Right Out: 1.015+/-0.000

χ^2/NDF : 2058311325.5/14

In: 1.015+/-0.000

χ^2/NDF : 1902598942.9/12

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

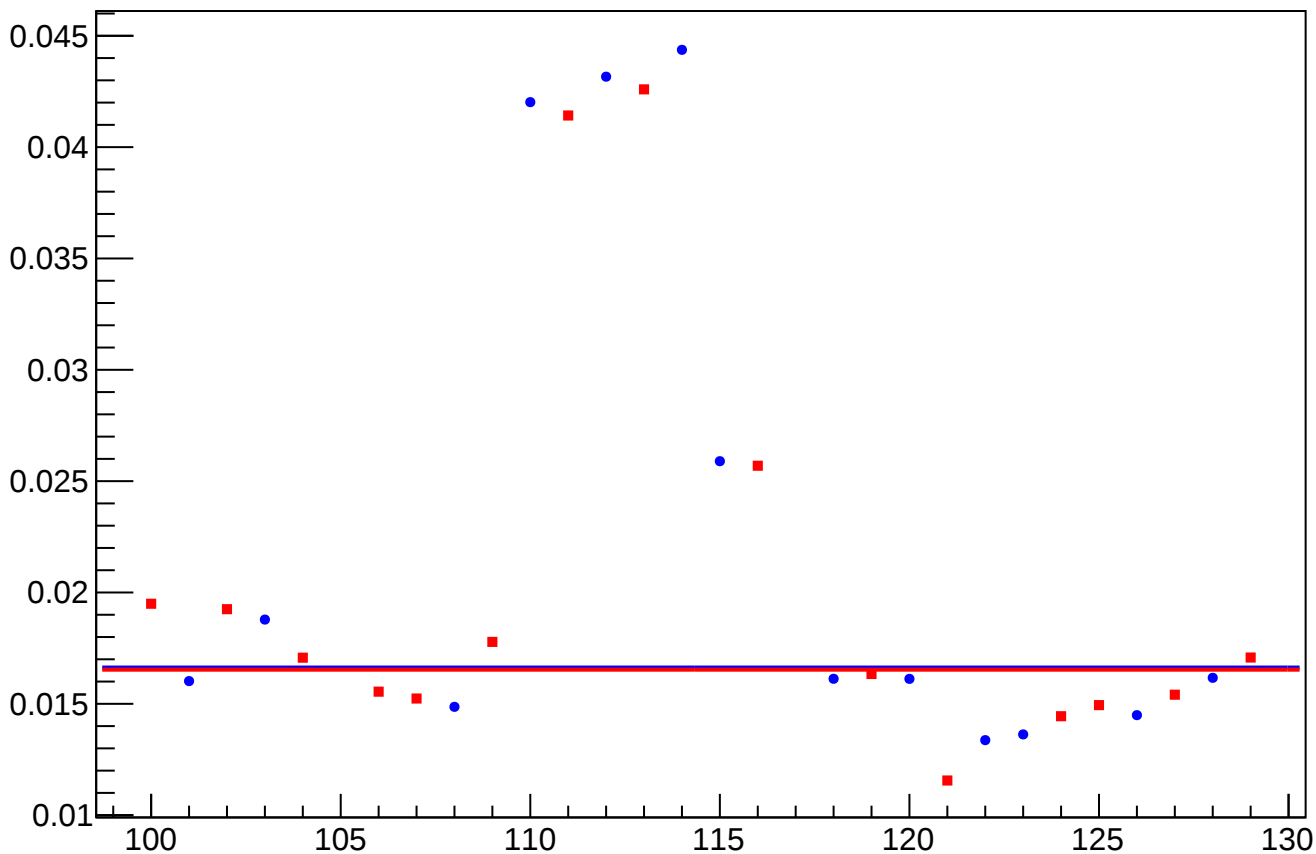
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.015+/-0.000

χ^2/NDF : 3960910299.1/27

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 779009.5/12

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

Right Out: 0.017+/-0.000 χ^2/NDF : 868599.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

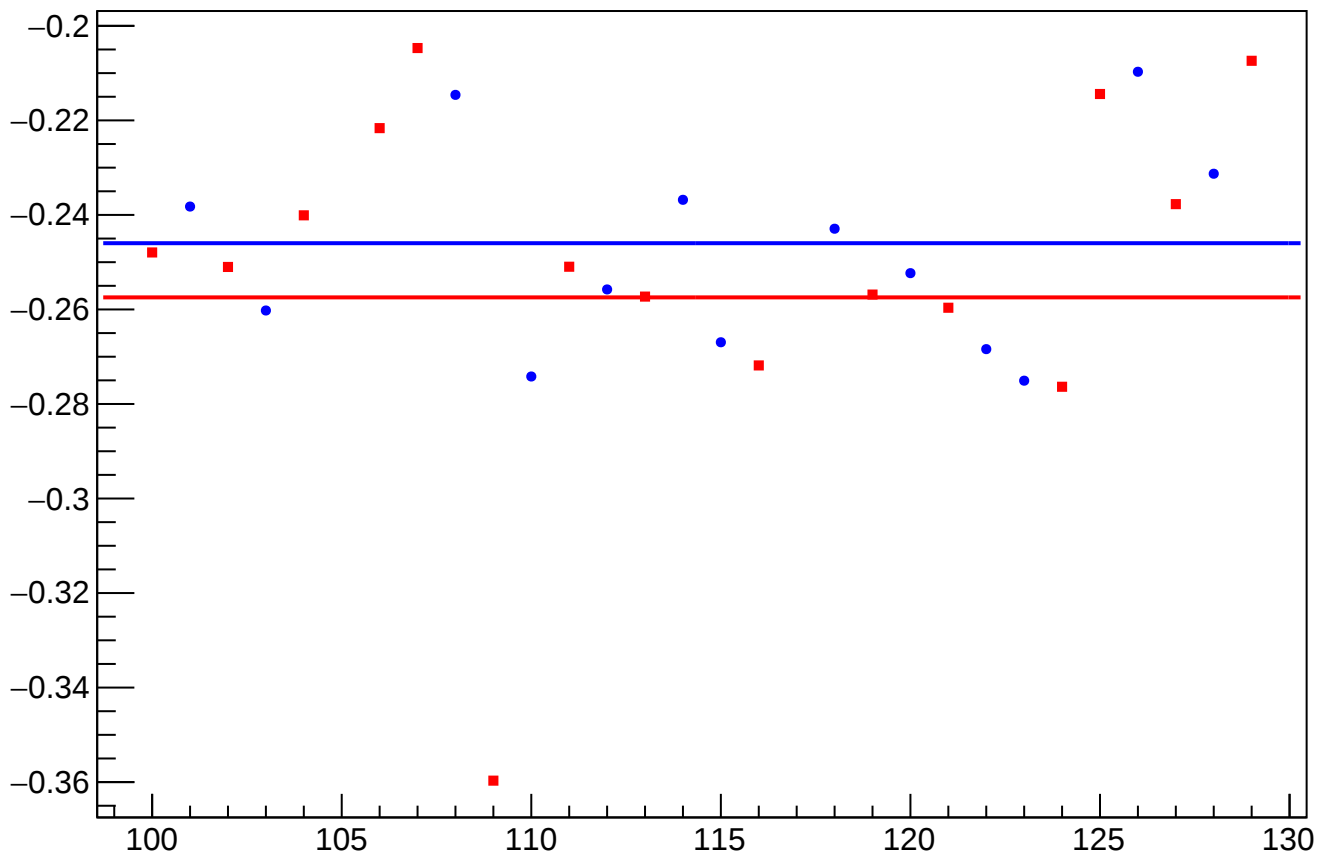
Right: 0.017+/-0.000 χ^2/NDF : 1647756.2/27

In: 0.017+/-0.000 χ^2/NDF : 779009.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.000 χ^2/NDF : 1647756.2/27

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.246+/-0.000 χ^2/NDF : 3936587.1/12

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

Right Out: -0.257+/-0.000 χ^2/NDF : 14753768.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

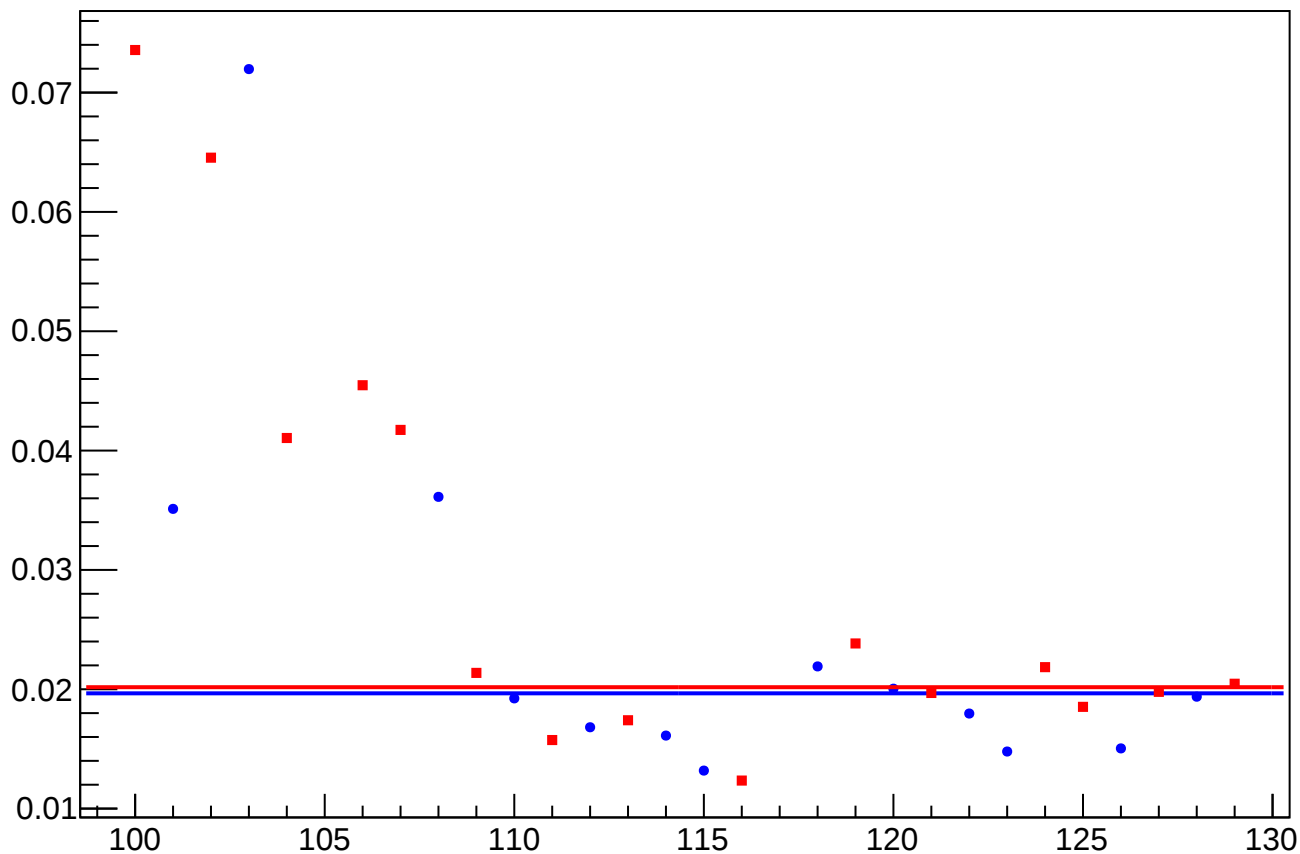
Right: -0.252+/-0.000 χ^2/NDF : 19309300.8/27

In: -0.246+/-0.000 χ^2/NDF :3936587.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.252+/-0.000 χ^2/NDF : 19309300.8/27

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1064875.6/12

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

Right Out: 0.020+/-0.000 χ^2/NDF : 1299222.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

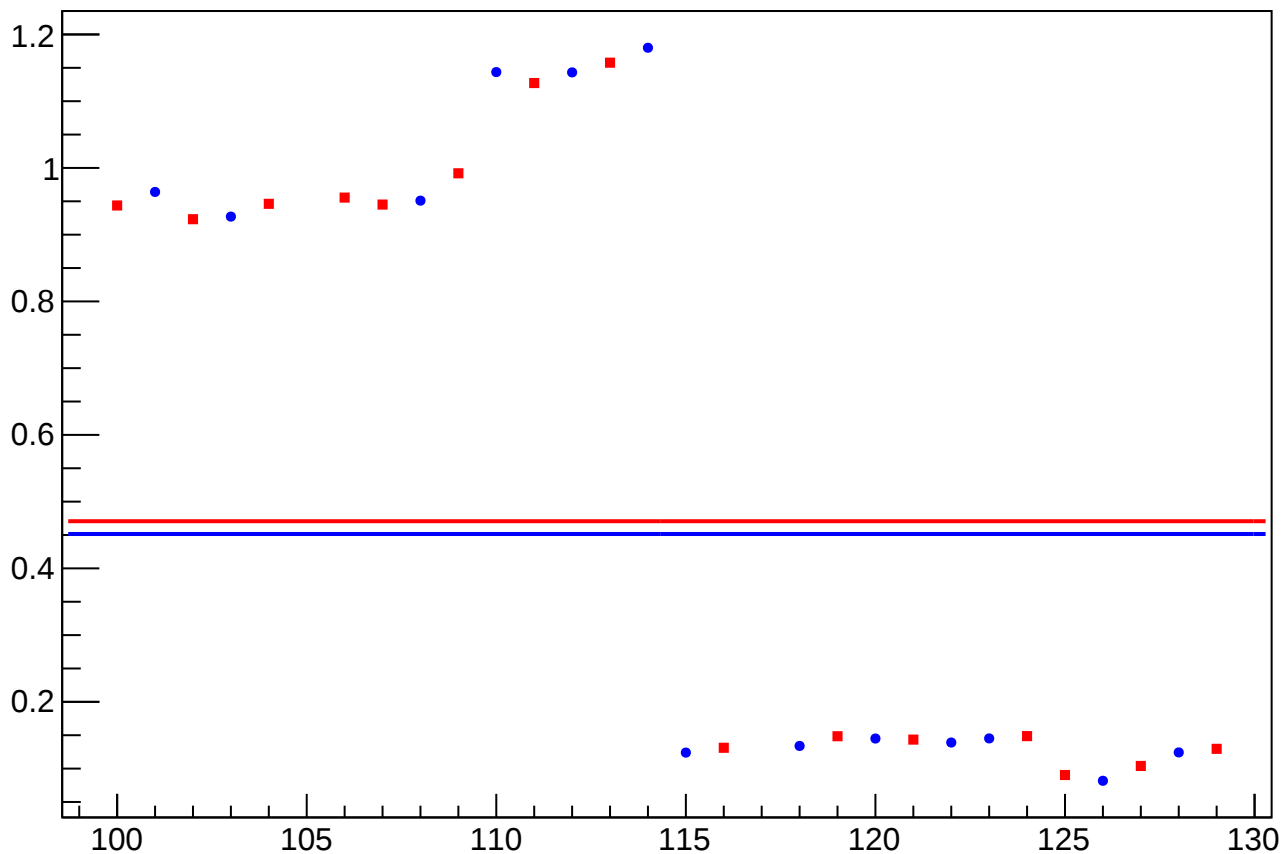
Right: 0.020+/-0.000 χ^2/NDF : 2366584.0/27

In: 0.020+/-0.000 χ^2/NDF :1064875.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.020+/-0.000 χ^2/NDF : 2366584.0/27

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.451+/-0.000 χ^2/NDF : 3849054325.6/12

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

Right Out: 0.471+/-0.000 χ^2/NDF : 4167272740.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

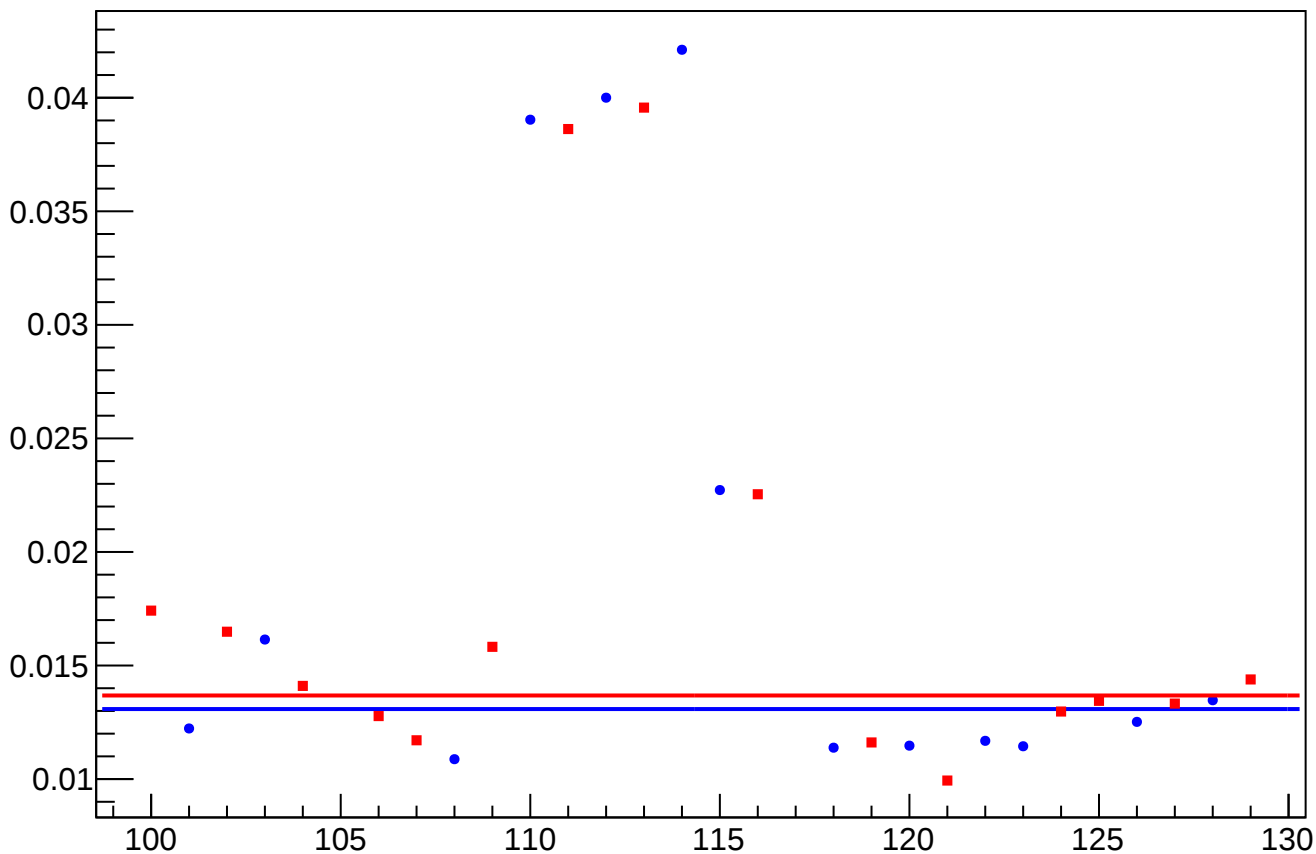
Right: 0.461+/-0.000 χ^2/NDF : 8020718223.6/27

In: 0.451+/-0.000 χ^2/NDF :3849054325.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.461+/-0.000 χ^2/NDF : 8020718223.6/27

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 945567.7/12

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

Right Out: 0.014+/-0.000 χ^2/NDF : 987881.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

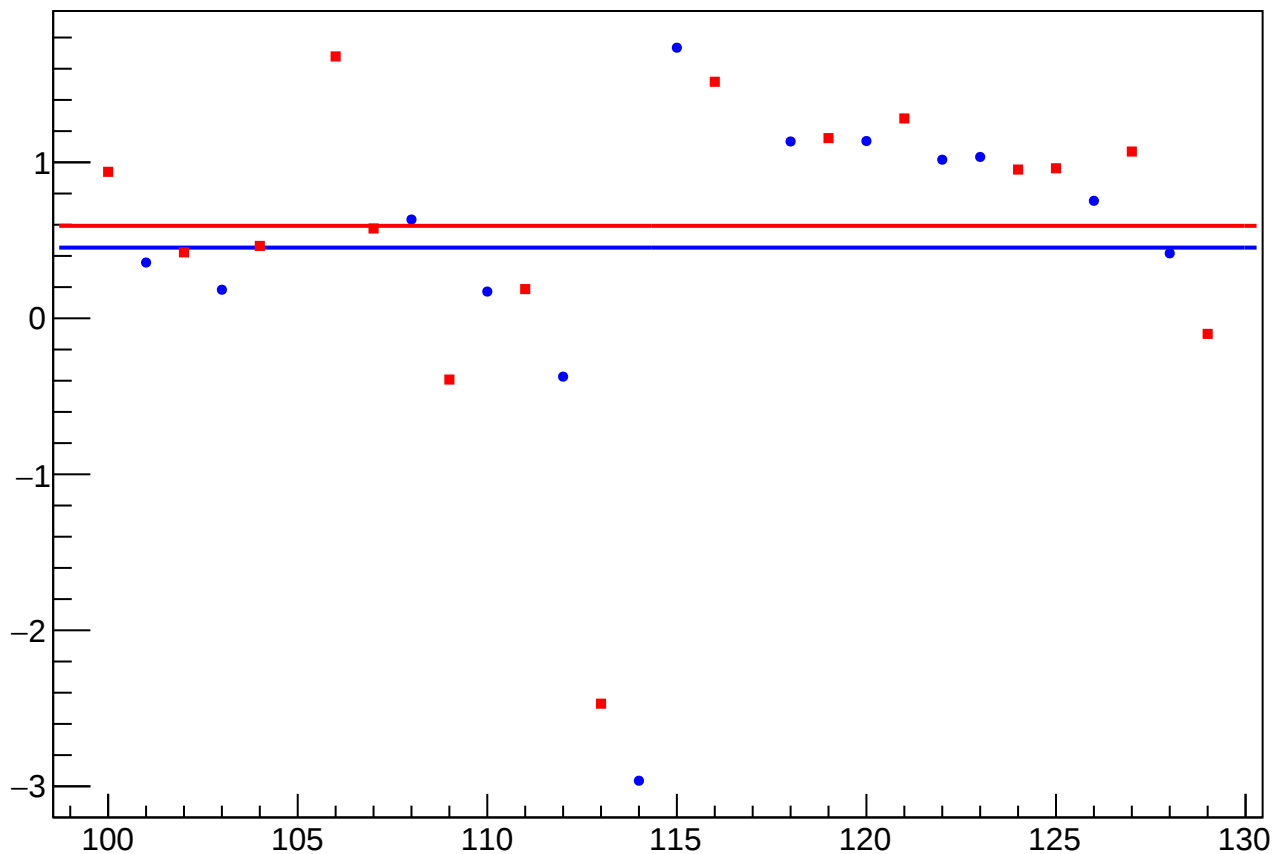
Right: 0.013+/-0.000 χ^2/NDF : 1941974.5/27

In: 0.013+/-0.000 χ^2/NDF :945567.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.013+/-0.000 χ^2/NDF : 1941974.5/27

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.453+/-0.000 χ^2/NDF : 205234569.0/12

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

Right Out: 0.593+/-0.000 χ^2/NDF : 901569058.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

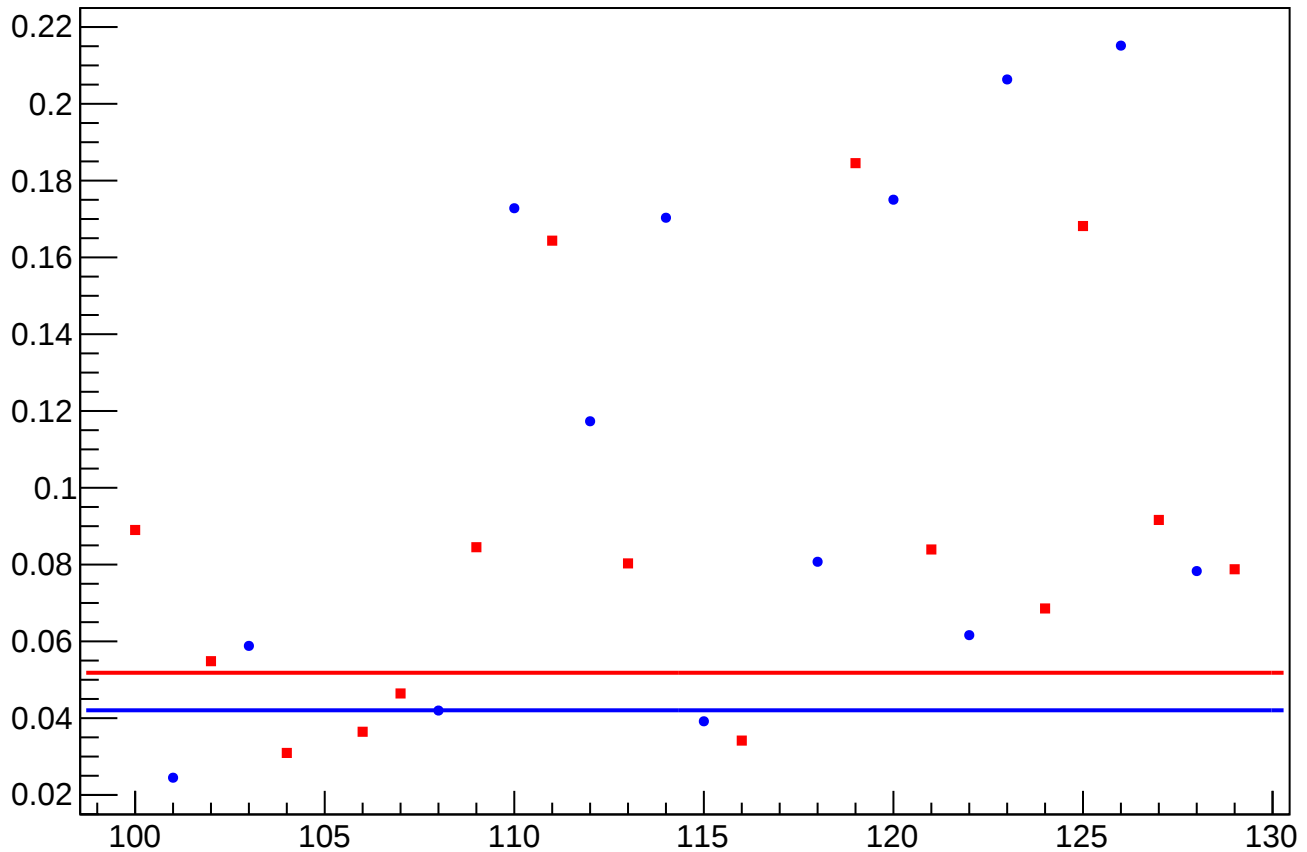
Right: 0.518+/-0.000 χ^2/NDF : 1119580686.9/27

In: 0.453+/-0.000 χ^2/NDF :205234569.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.518+/-0.000 χ^2/NDF : 1119580686.9/27

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.042 $\pm$ 0.000 χ^2 /NDF: 2557664.2/12

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

Right Out: 0.052 $\pm$ 0.000 χ^2 /NDF: 2131520.1/14

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

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

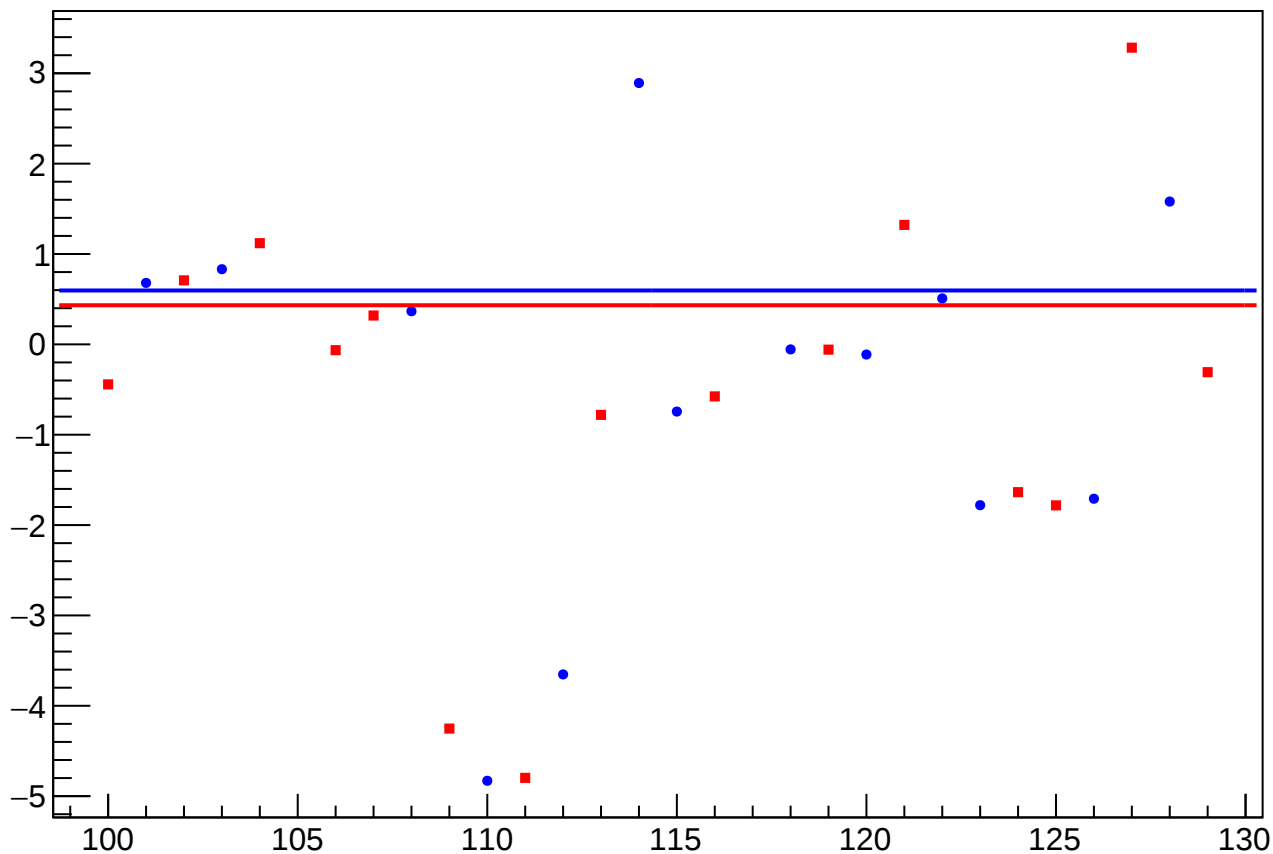
Right: 0.047 $\pm$ 0.000 χ^2 /NDF: 4814554.9/27

In: 0.042 $\pm$ 0.000 χ^2 /NDF:2557664.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.047 $\pm$ 0.000 χ^2 /NDF: 4814554.9/27

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.596 ± 0.000 $\chi^2/\text{NDF}: 1777113738.3/12$

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

Right Out: 0.433 ± 0.000 $\chi^2/\text{NDF}: 4320194923.2/14$

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

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

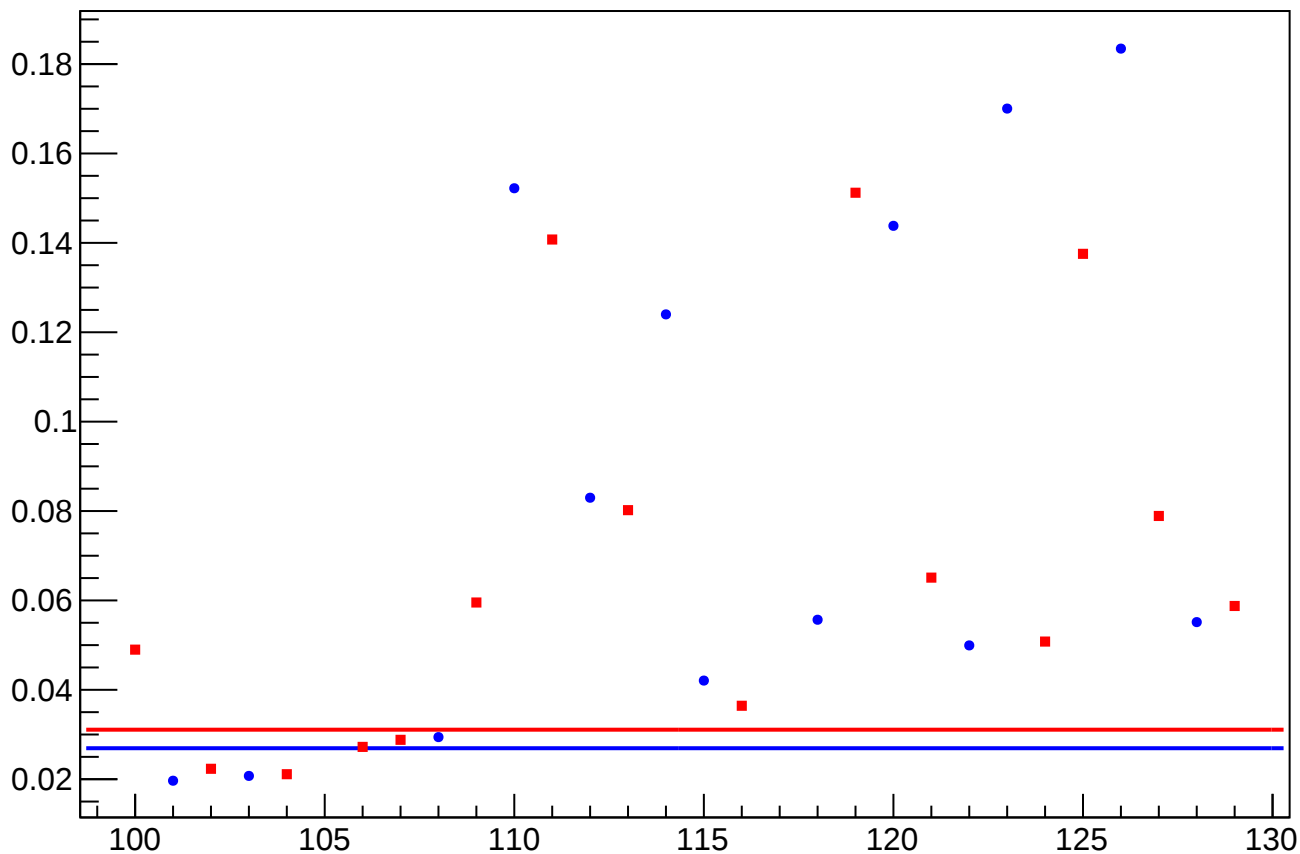
Right: 0.517 ± 0.000 $\chi^2/\text{NDF}: 6141082111.6/27$

In: 0.596 ± 0.000 $\chi^2/\text{NDF}: 1777113738.3/12$

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

All: 0.517 ± 0.000 $\chi^2/\text{NDF}: 6141082111.6/27$

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.027+/-0.000 χ^2/NDF : 2493238.4/12

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

Right Out: 0.031+/-0.000 χ^2/NDF : 2786397.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

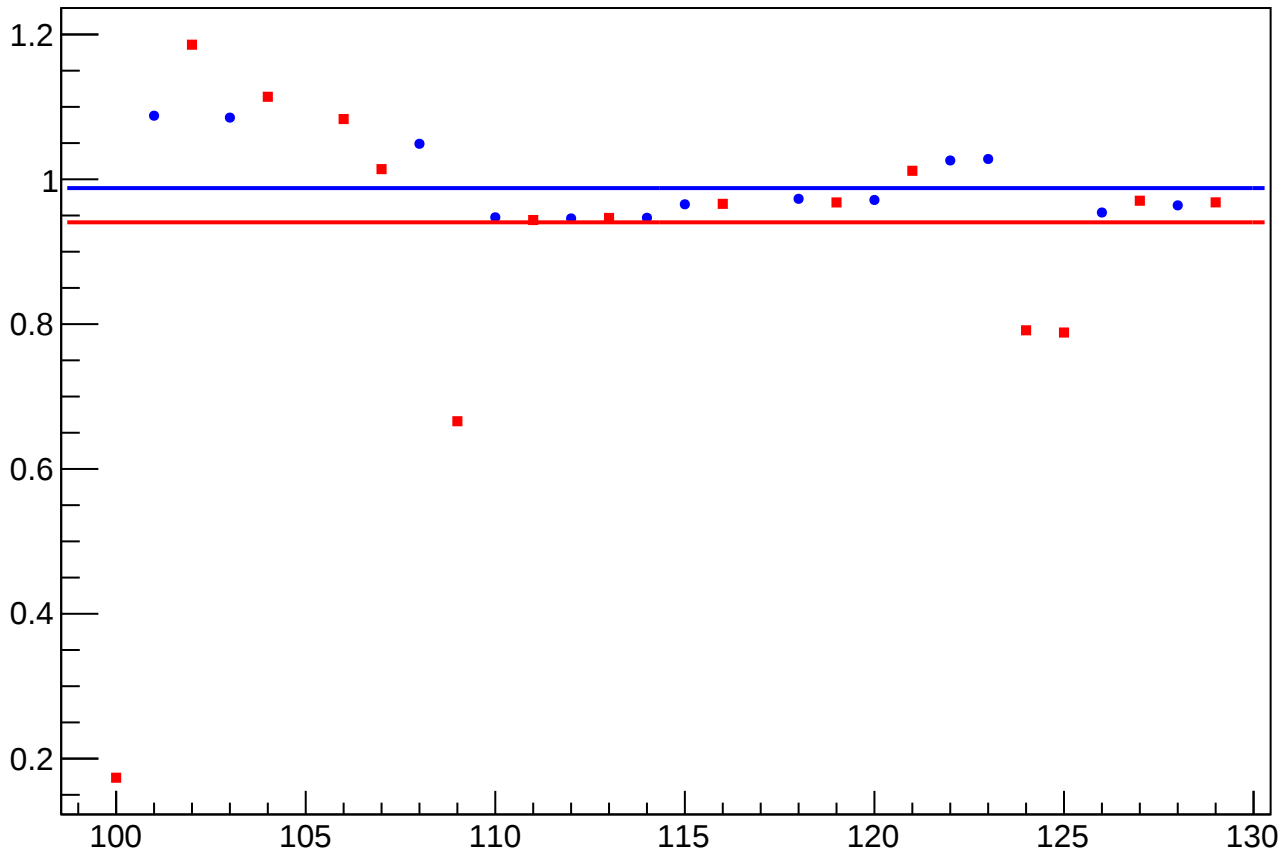
Right: 0.029+/-0.000 χ^2/NDF : 5335884.3/27

In: 0.027+/-0.000 χ^2/NDF :2493238.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.029+/-0.000 χ^2/NDF : 5335884.3/27

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.988+/-0.000 χ^2/NDF : 48022866.0/12

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

Right Out: 0.941+/-0.000 χ^2/NDF : 324243780.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

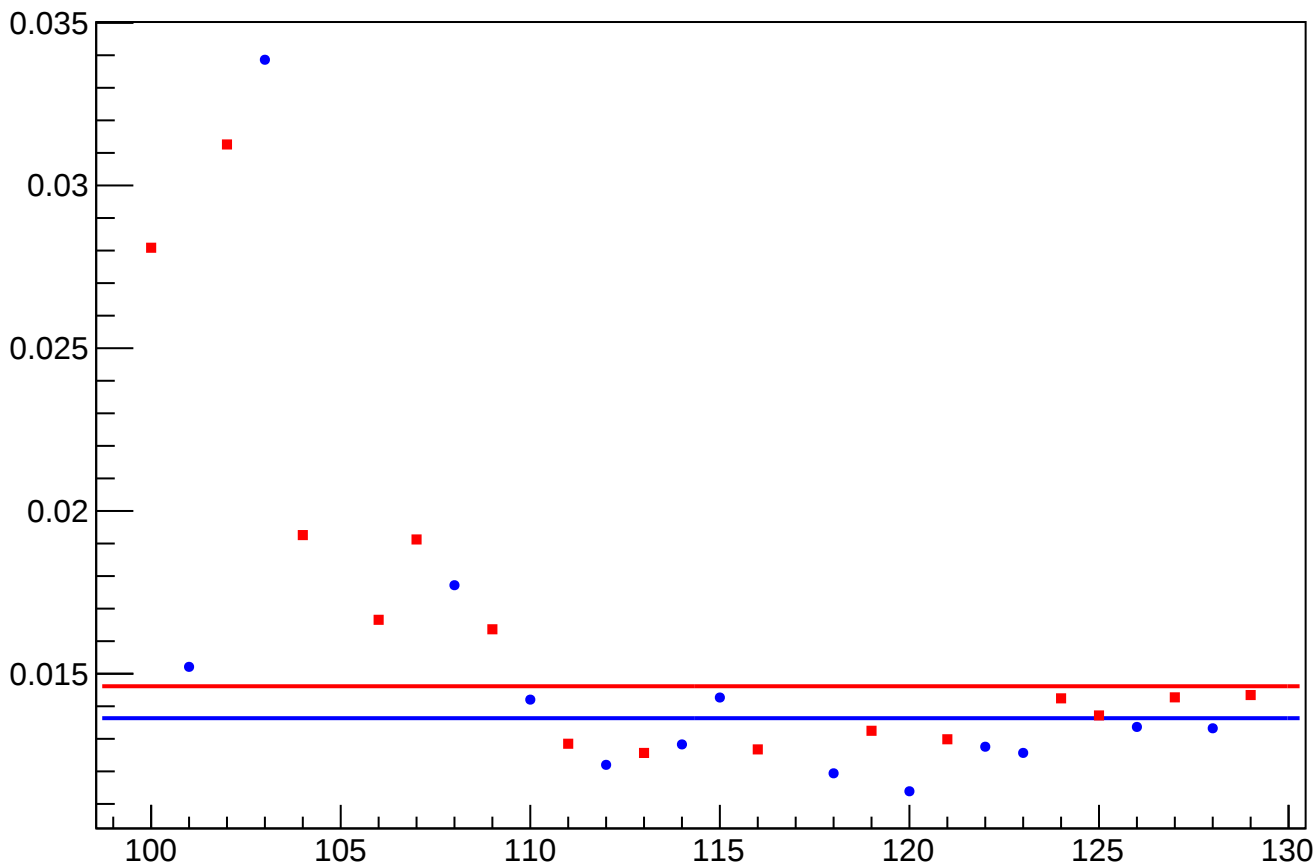
Right: 0.964+/-0.000 χ^2/NDF : 396569817.1/27

In: 0.988+/-0.000 χ^2/NDF :48022866.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.964+/-0.000 χ^2/NDF : 396569817.1/27

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 473015.3/12

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

Right Out: 0.015+/-0.000 χ^2/NDF : 469165.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

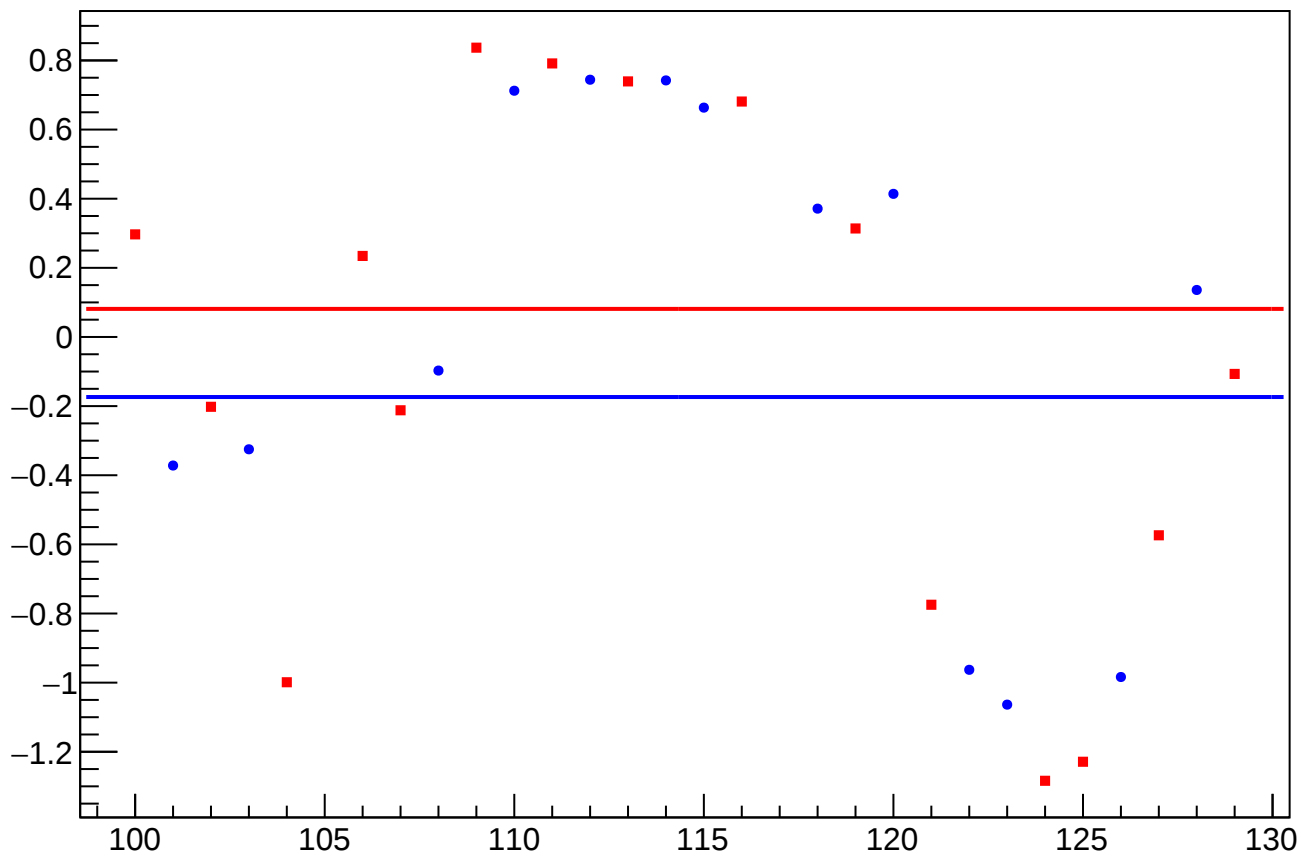
Right: 0.014+/-0.000 χ^2/NDF : 963134.7/27

In: 0.014+/-0.000 χ^2/NDF : 473015.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 963134.7/27

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.174+/-0.000

χ^2/NDF : 4563174720.3/12

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: -0.014+/-0.000 χ^2/NDF : 16959242163.7/27

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: -0.174+/-0.000 χ^2/NDF : 4563174720.3/12

Right Out: 0.081+/-0.000

χ^2/NDF : 11880850378.4/14

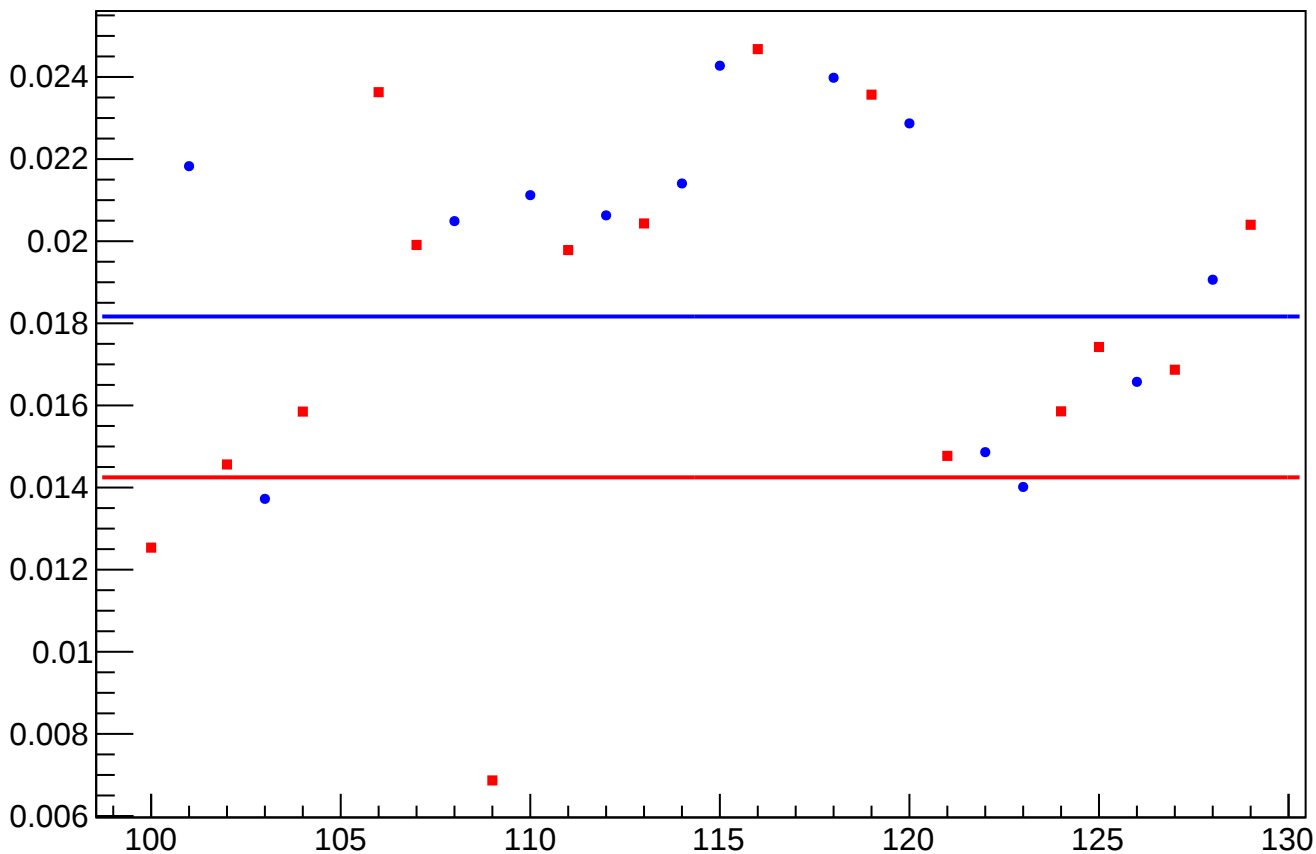
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: -0.014+/-0.000 χ^2/NDF : 16959242163.7/27

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 326524.8/12

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

Right Out: 0.014+/-0.000 χ^2/NDF : 1378969.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

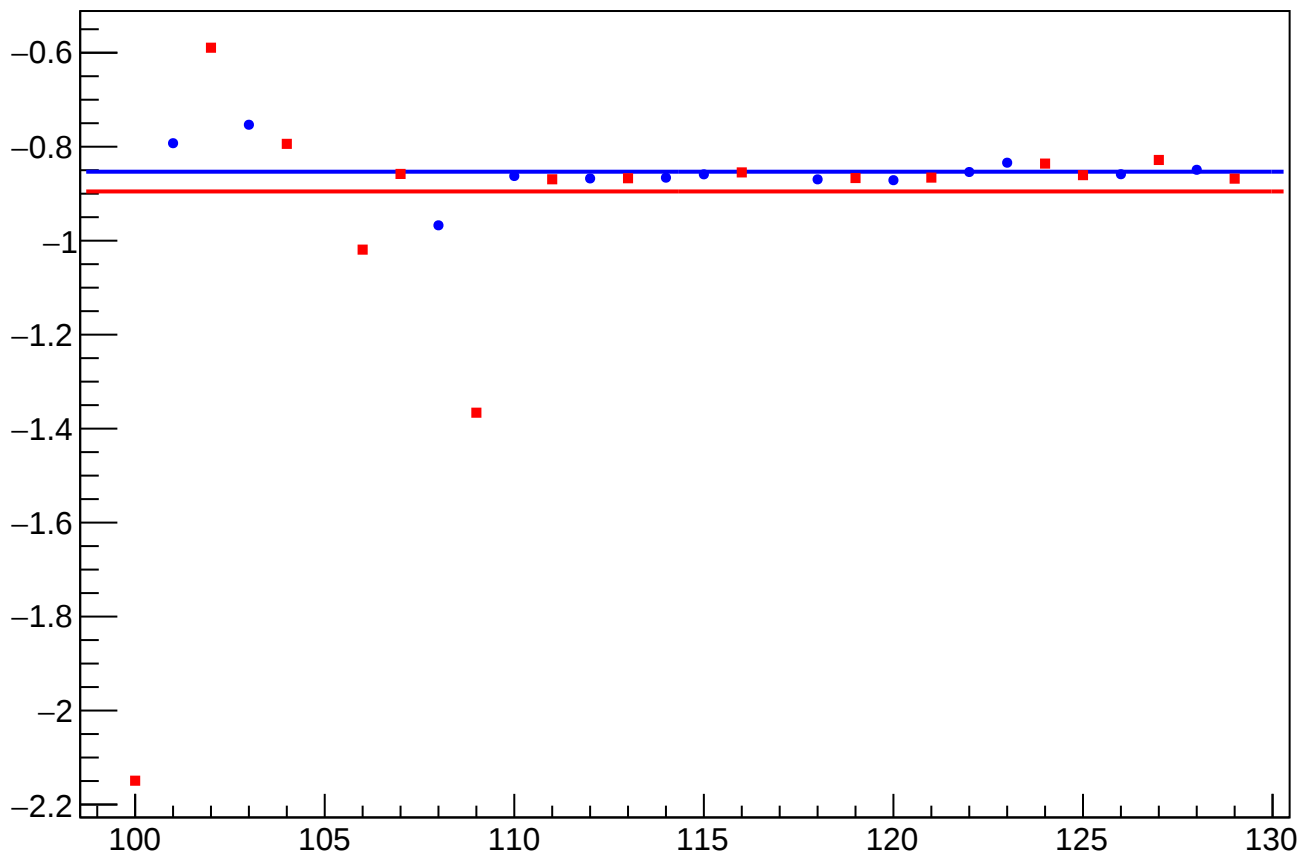
Right: 0.016+/-0.000 χ^2/NDF : 1948789.6/27

In: 0.018+/-0.000 χ^2/NDF :326524.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.016+/-0.000 χ^2/NDF : 1948789.6/27

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.853+/-0.000 χ^2/NDF : 6269607.8/12

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

Right Out: -0.895+/-0.000 χ^2/NDF : 112077297.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

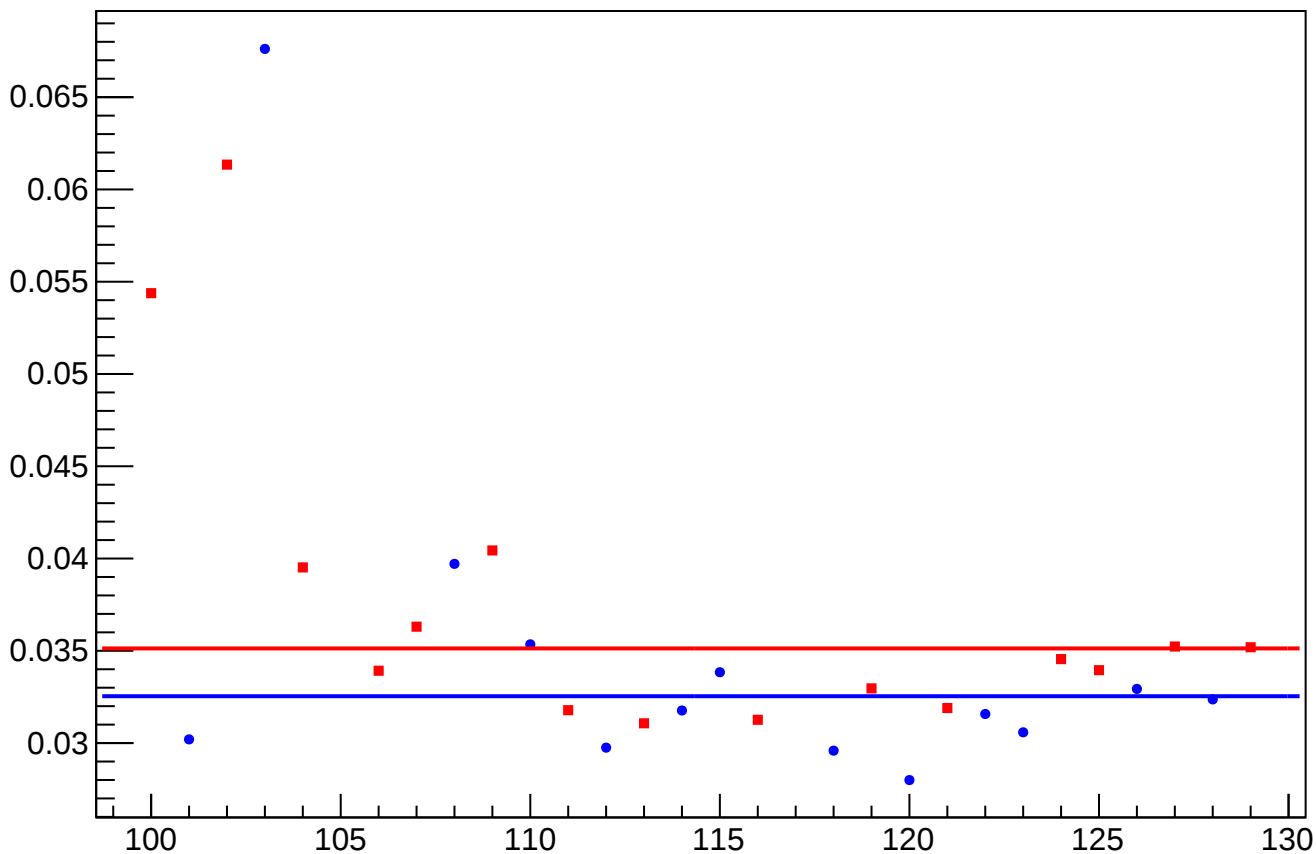
Right: -0.874+/-0.000 χ^2/NDF : 121742909.2/27

In: -0.853+/-0.000 χ^2/NDF :6269607.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.874+/-0.000 χ^2/NDF : 121742909.2/27

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.033+/-0.000 χ^2/NDF : 336920.2/12

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

Right Out: 0.035+/-0.000 χ^2/NDF : 256689.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

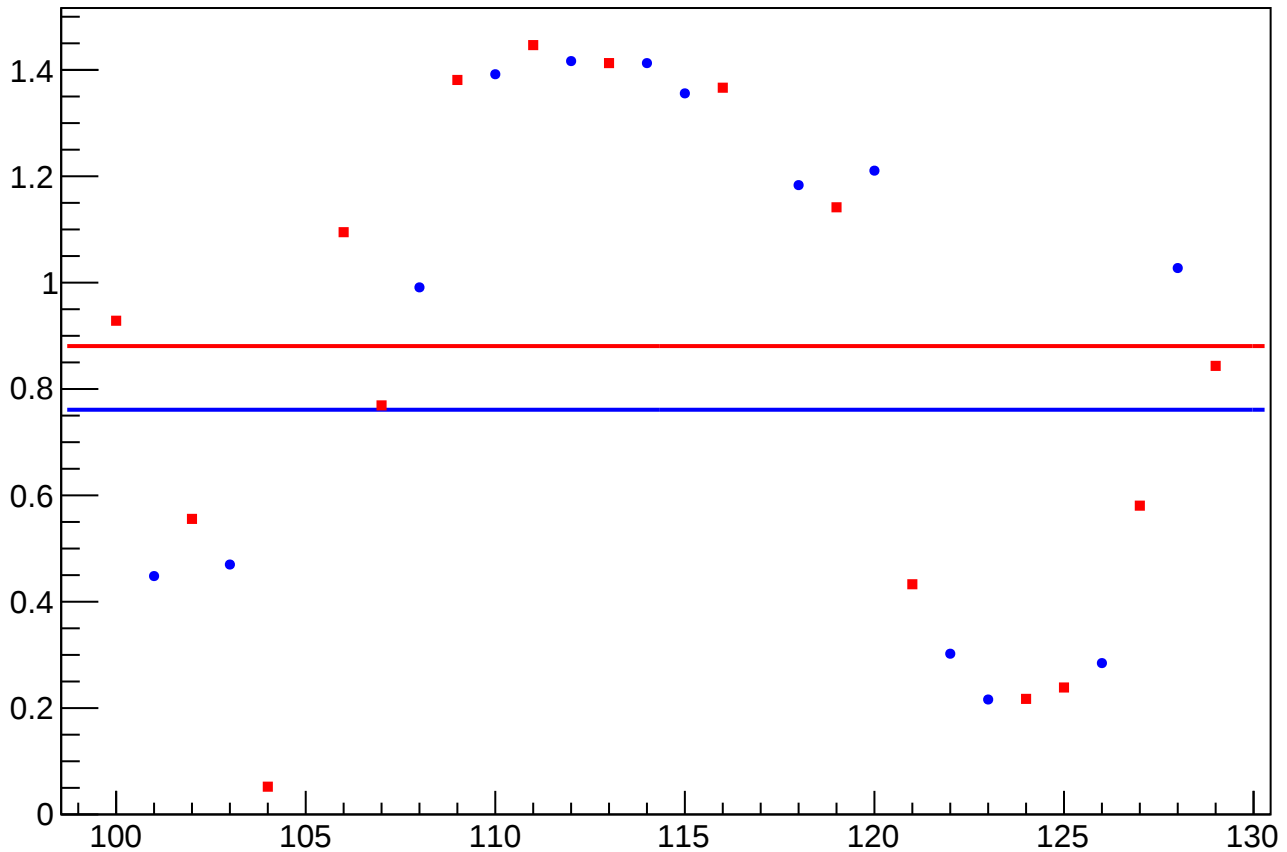
Right: 0.034+/-0.000 χ^2/NDF : 619400.4/27

In: 0.033+/-0.000 χ^2/NDF : 336920.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.034+/-0.000 χ^2/NDF : 619400.4/27

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.761+/-0.000

χ^2/NDF : 5231897215.2/12

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.833+/-0.000 χ^2/NDF : 14731099758.1/27

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.761+/-0.000 χ^2/NDF : 5231897215.2/12

Right Out: 0.881+/-0.000 χ^2/NDF : 9268526129.5/14

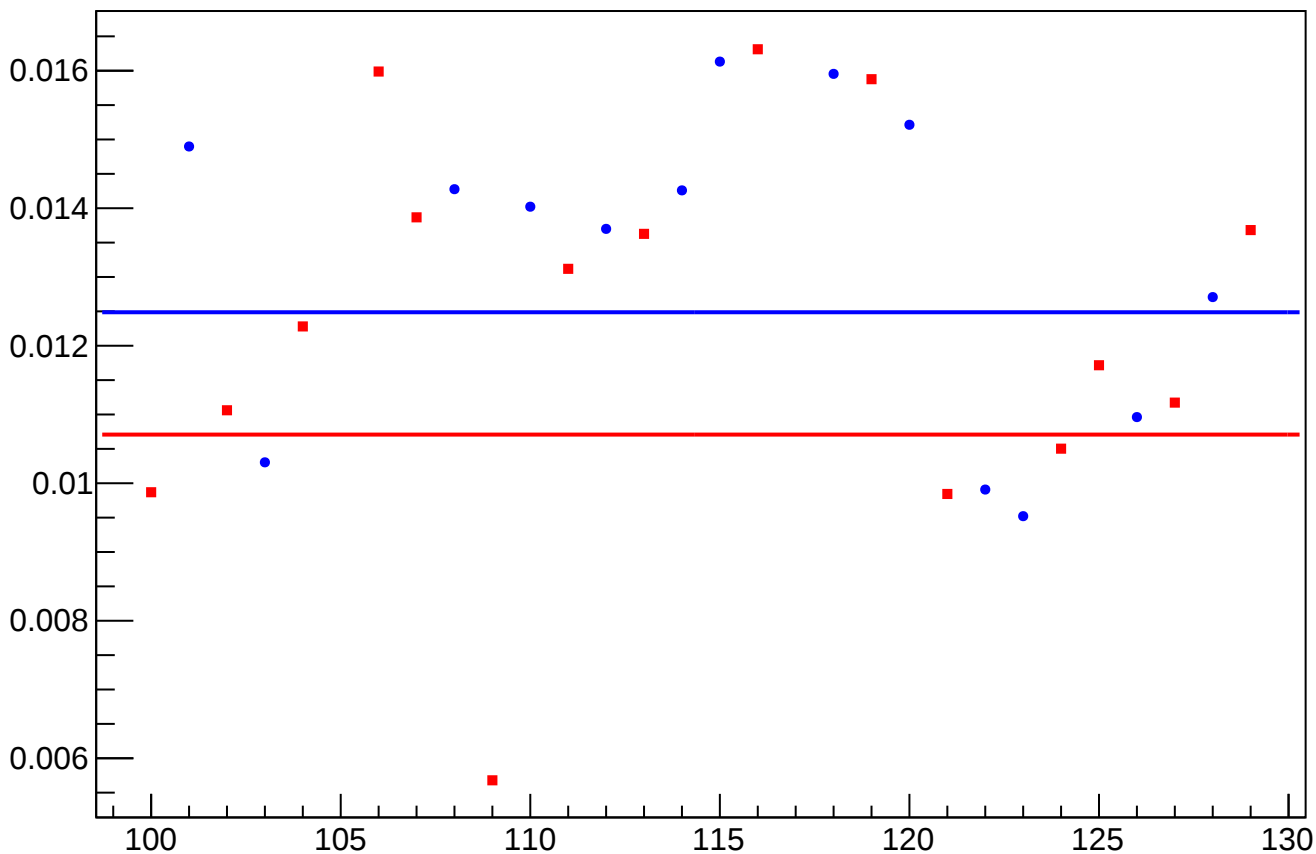
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.833+/-0.000 χ^2/NDF : 14731099758.1/27

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 250488.9/12

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

Right Out: 0.011+/-0.000 χ^2/NDF : 879391.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

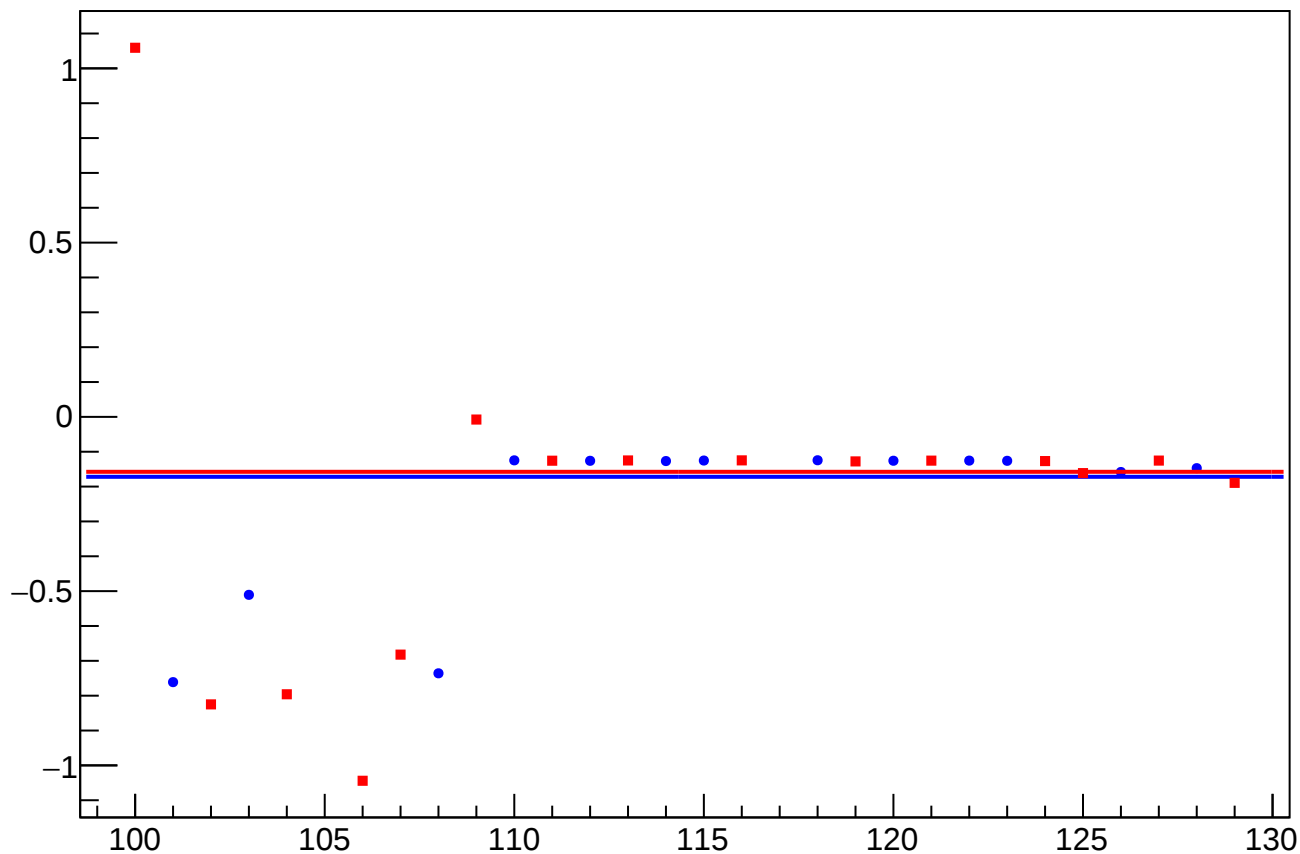
Right: 0.011+/-0.000 χ^2/NDF : 1231791.9/27

In: 0.012+/-0.000 χ^2/NDF :250488.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 1231791.9/27

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.172+/-0.000 χ^2/NDF : 355021868.7/12

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

Right Out: -0.158+/-0.000 χ^2/NDF : 423606989.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

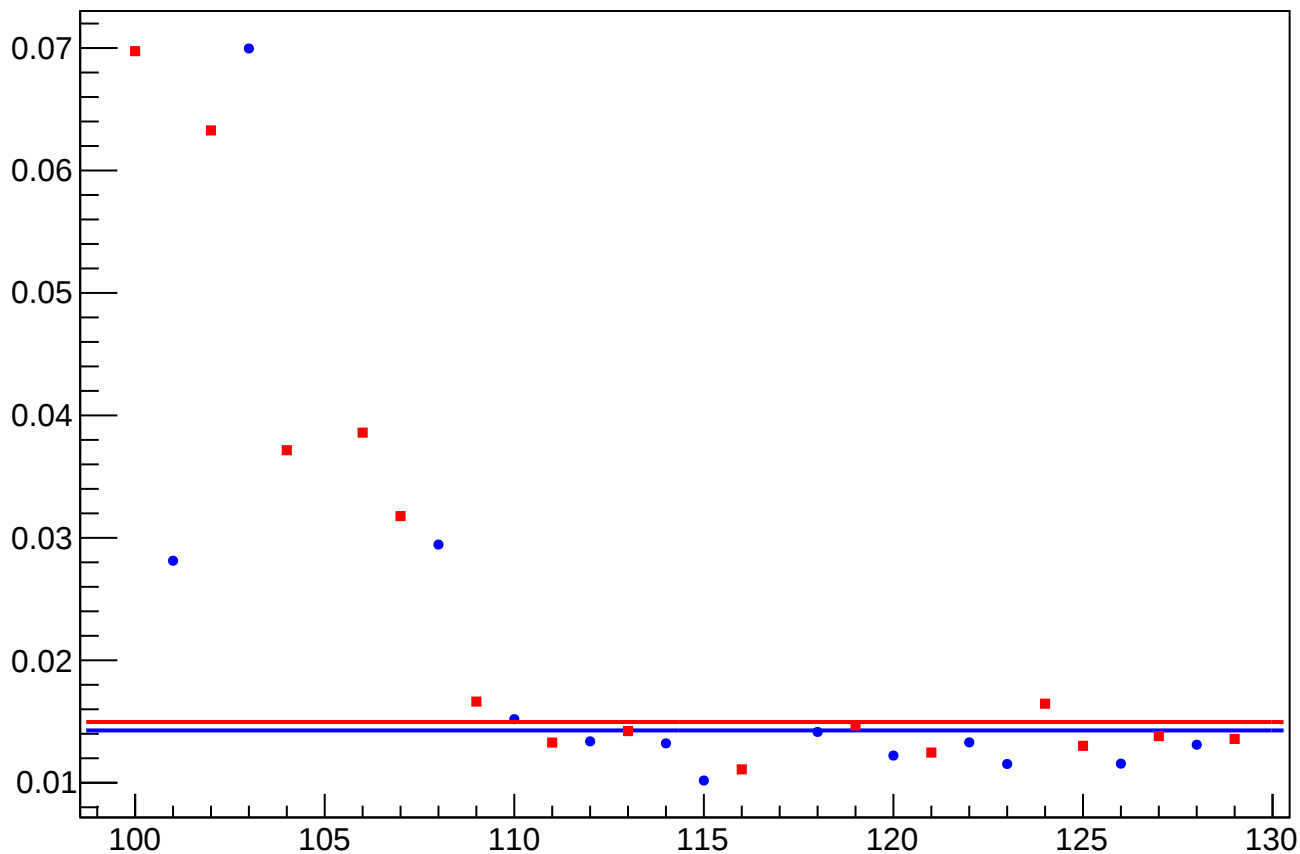
Right: -0.165+/-0.000 χ^2/NDF : 780366501.2/27

In: -0.172+/-0.000 χ^2/NDF :355021868.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.165+/-0.000 χ^2/NDF : 780366501.2/27

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1174512.6/12

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

Right Out: 0.015+/-0.000 χ^2/NDF : 1347804.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

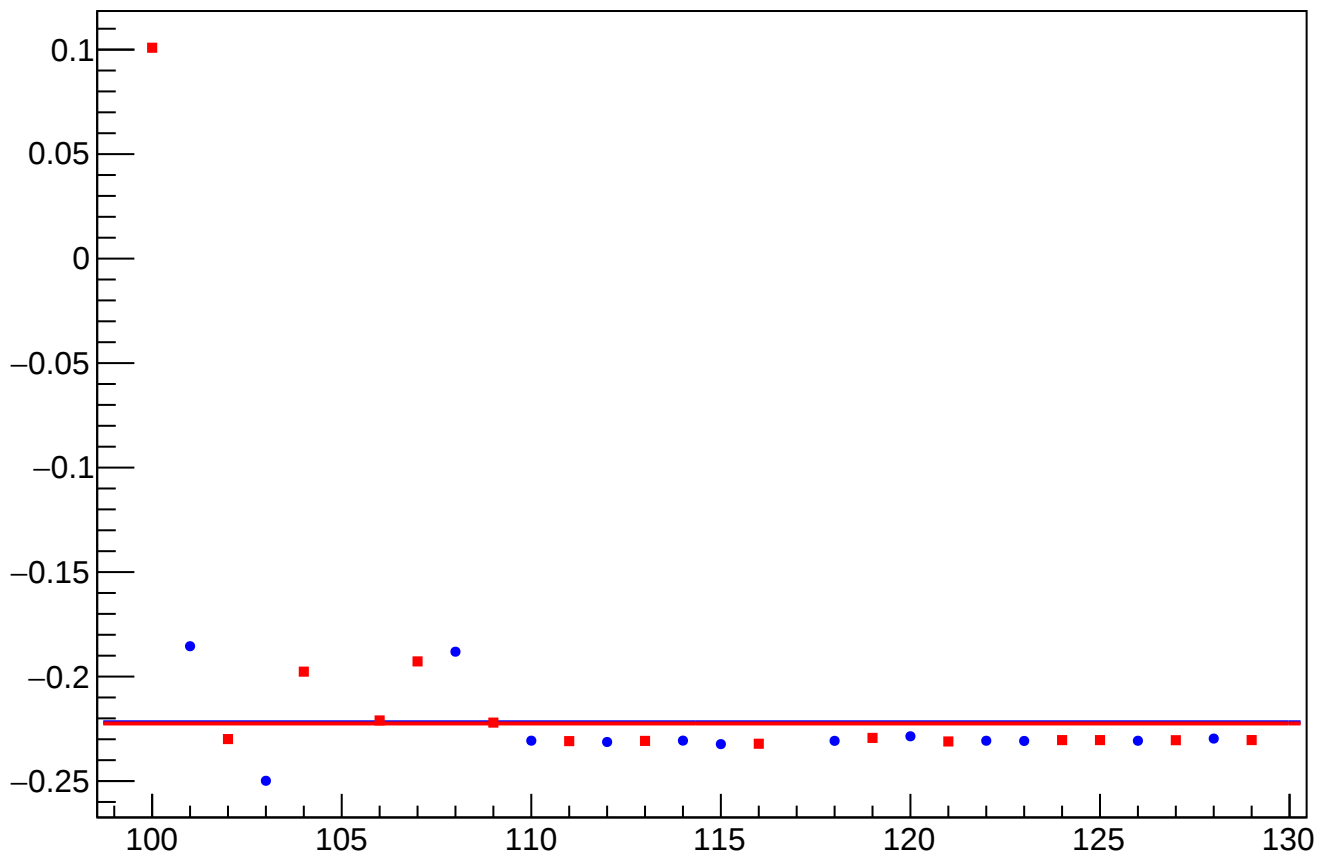
Right: 0.015+/-0.000 χ^2/NDF : 2530349.2/27

In: 0.014+/-0.000 χ^2/NDF : 1174512.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 2530349.2/27

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.222+/-0.000 χ^2/NDF : 71581244.4/12

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

Right Out: -0.222+/-0.000 χ^2/NDF : 166632635.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

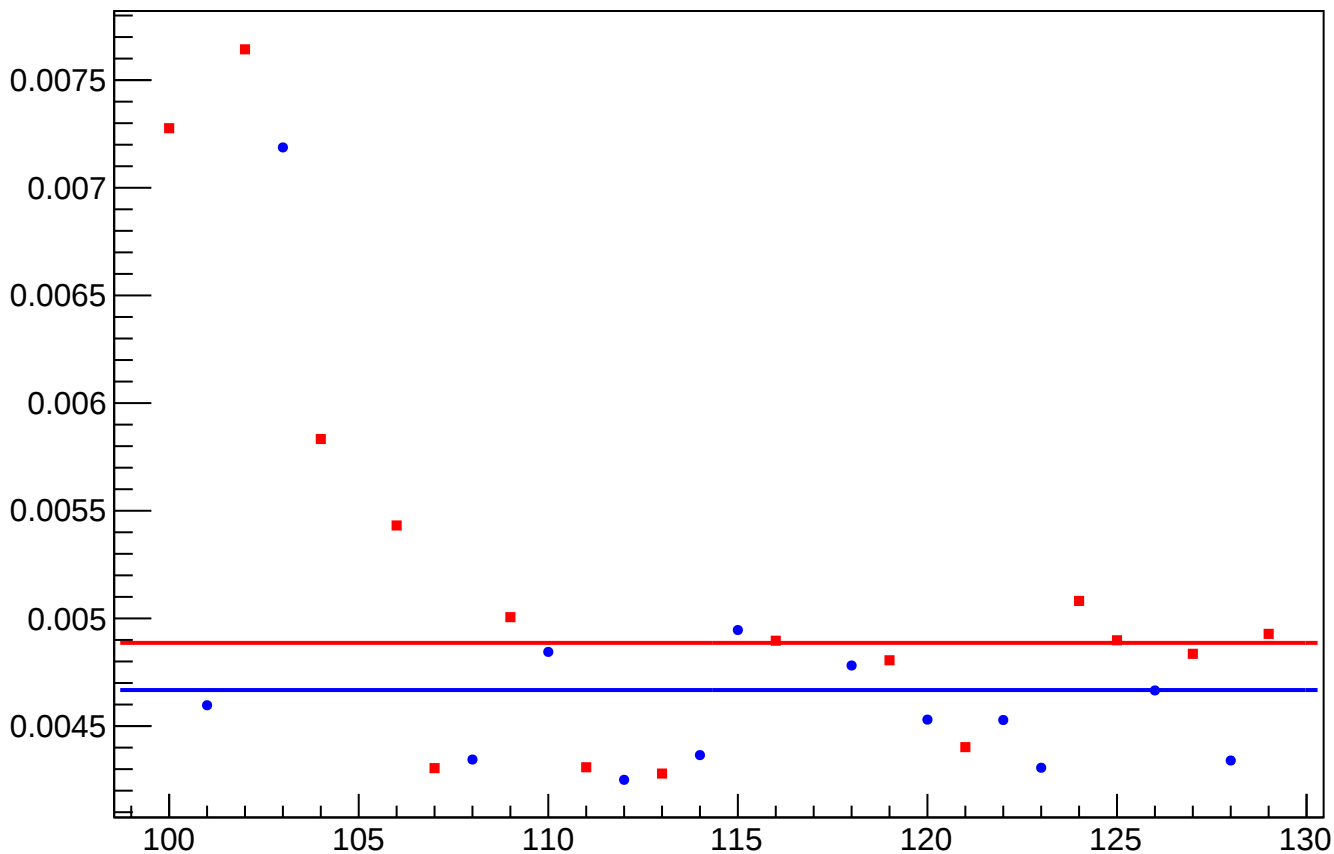
Right: -0.222+/-0.000 χ^2/NDF : 238246145.4/27

In: -0.222+/-0.000 χ^2/NDF : 71581244.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.222+/-0.000 χ^2/NDF : 238246145.4/27

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 151826.8/12

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

Right Out: 0.005+/-0.000 χ^2/NDF : 226480.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

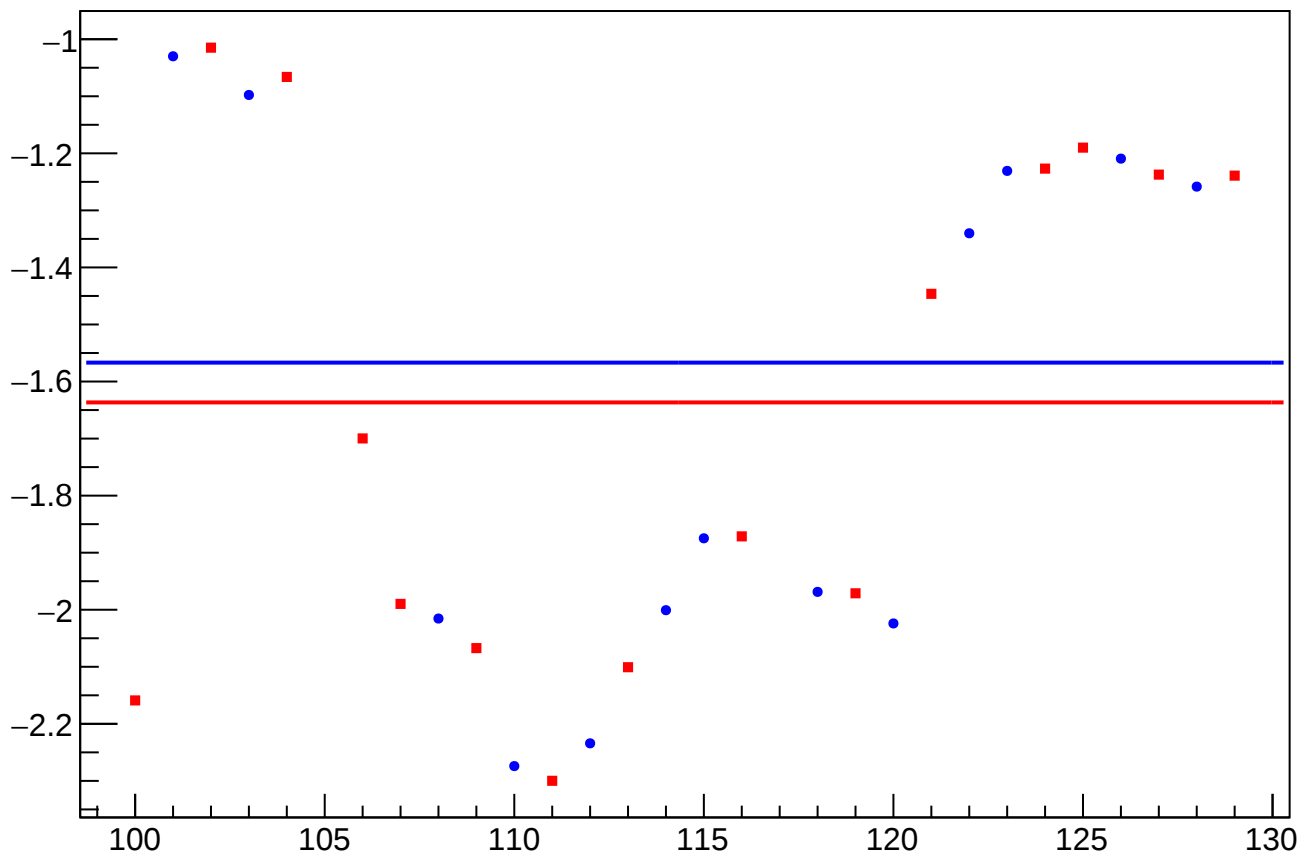
Right: 0.005+/-0.000 χ^2/NDF : 387968.3/27

In: 0.005+/-0.000 χ^2/NDF : 151826.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 387968.3/27

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.567+/-0.000 χ^2/NDF : 20311815402.6/12

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

Right Out: -1.637+/-0.000 χ^2/NDF : 26768871134.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

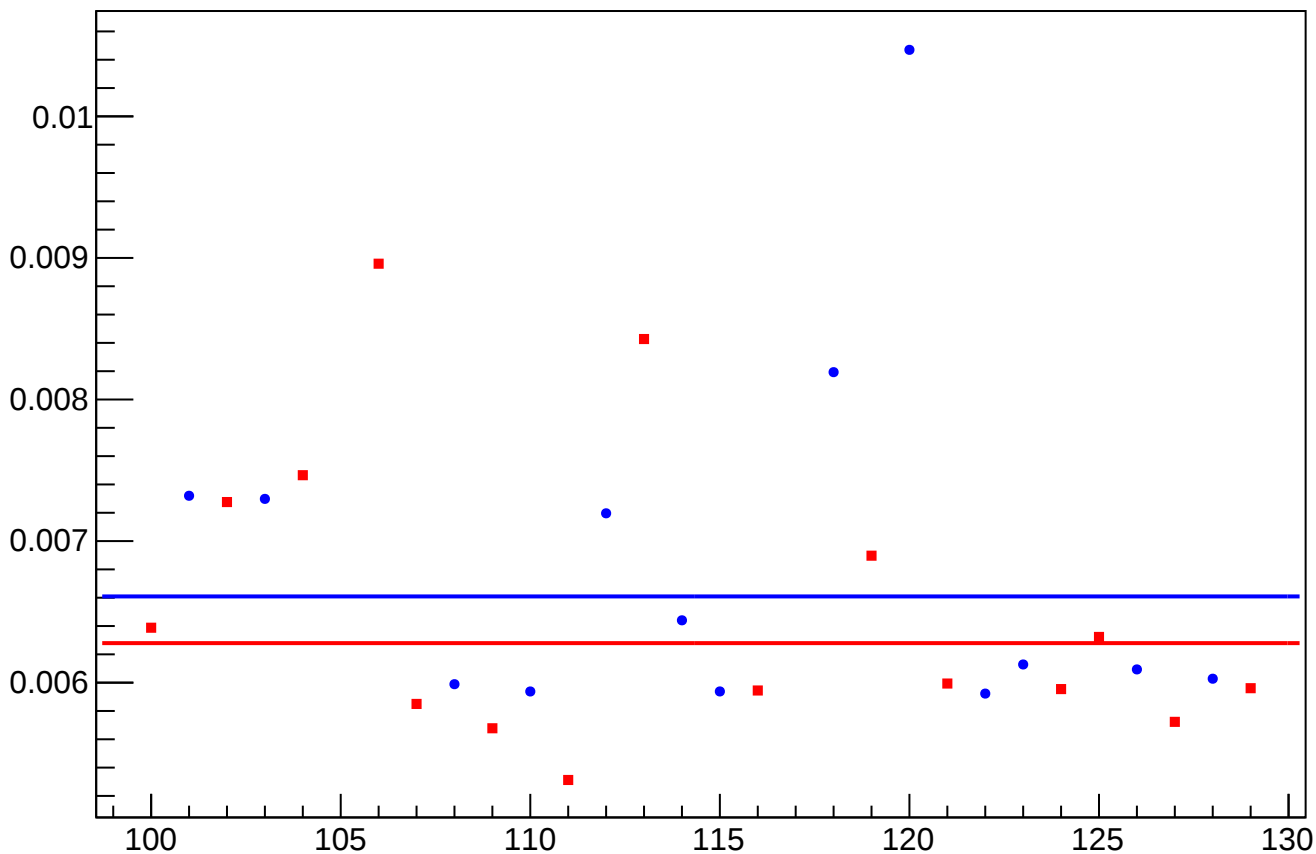
Right: -1.607+/-0.000 χ^2/NDF : 47349265972.6/27

In: -1.567+/-0.000 χ^2/NDF : 20311815402.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.607+/-0.000 χ^2/NDF : 47349265972.6/27

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 158980.5/12

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

Right Out: 0.006+/-0.000 χ^2/NDF : 195133.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

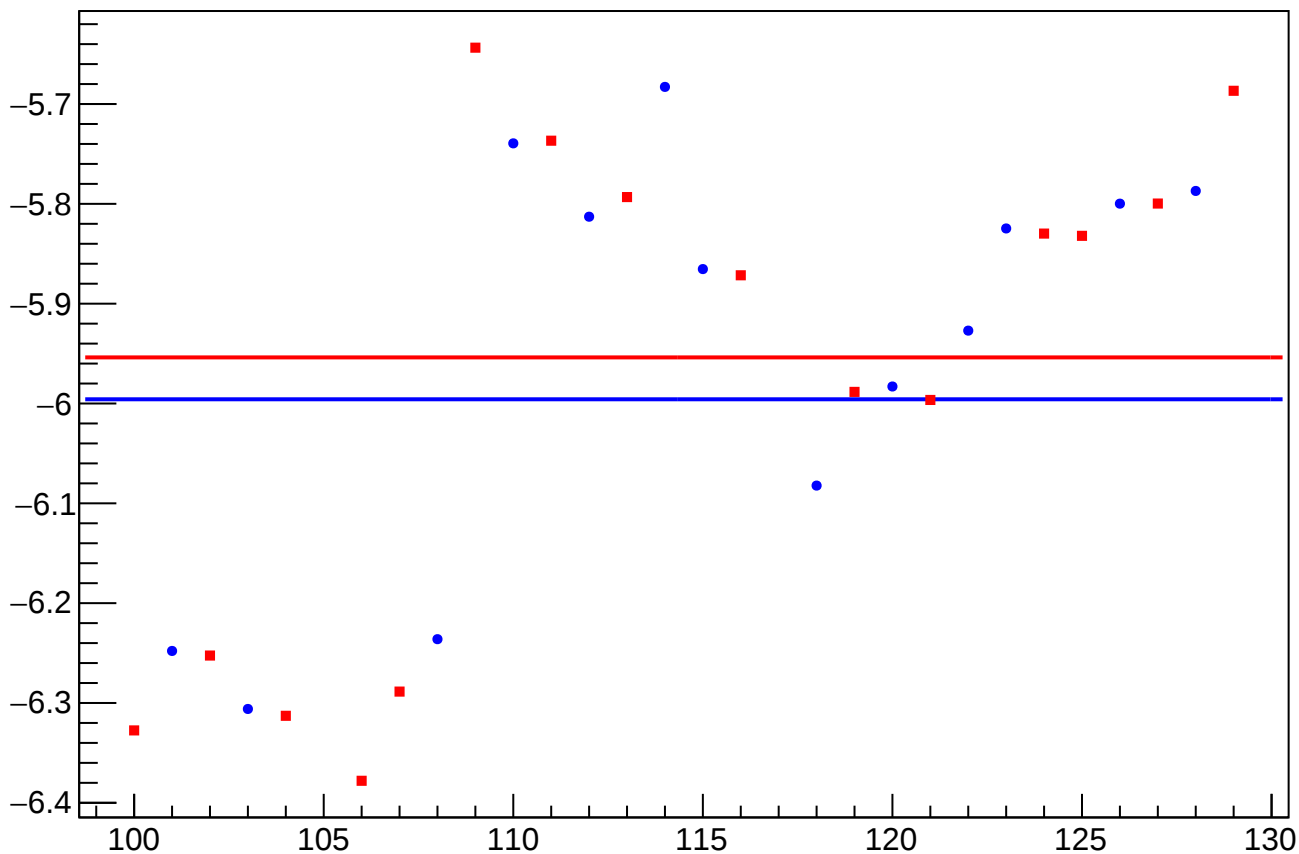
Right: 0.006+/-0.000 χ^2/NDF : 366120.9/27

In: 0.007+/-0.000 χ^2/NDF :158980.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 366120.9/27

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -5.996+/-0.000 χ^2/NDF : 6924598988.2/12

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

Right Out: -5.954+/-0.000 χ^2/NDF : 10889166428.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

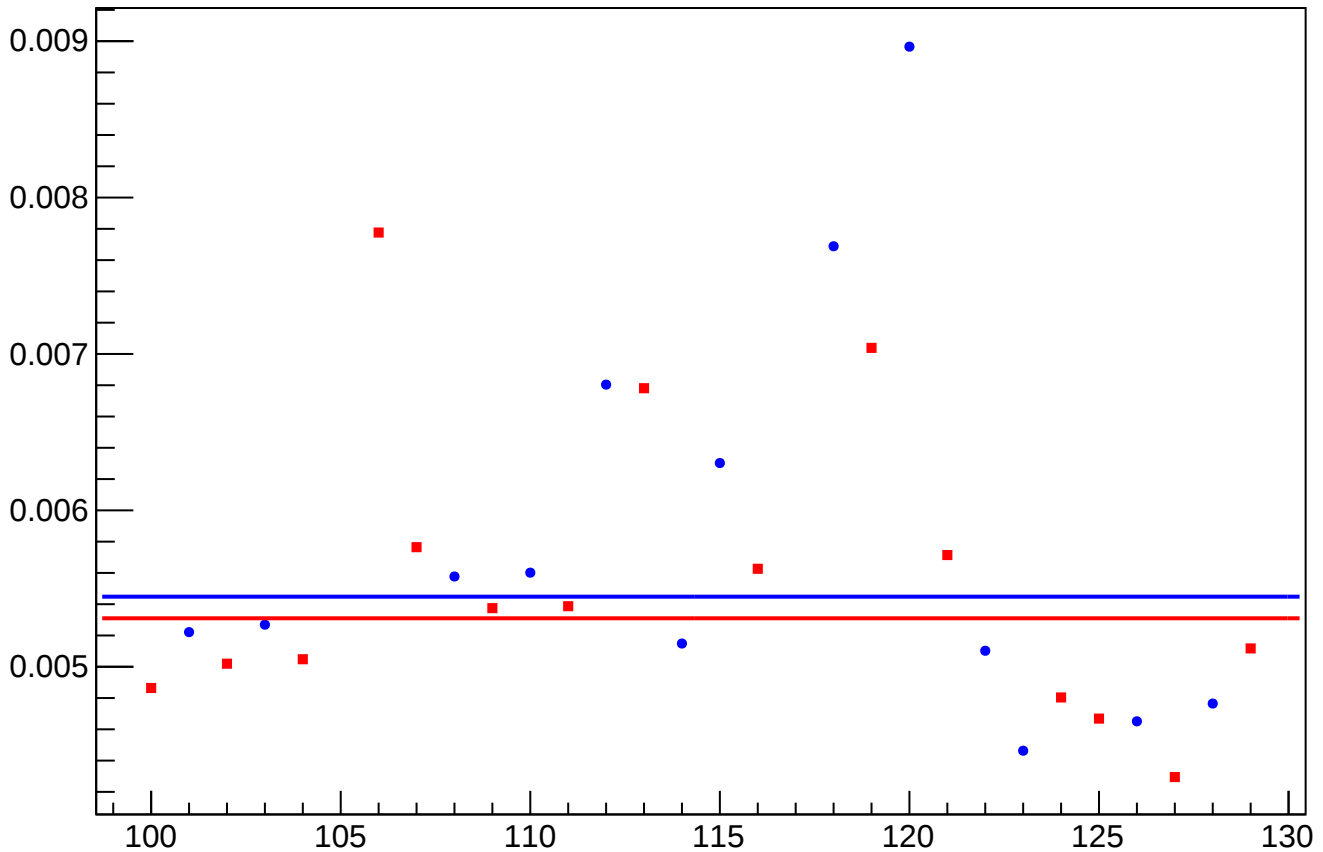
Right: -5.972+/-0.000 χ^2/NDF : 17952308830.1/27

In: -5.996+/-0.000 χ^2/NDF : 6924598988.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.972+/-0.000 χ^2/NDF : 17952308830.1/27

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 232224.2/12

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

Right Out: 0.005+/-0.000 χ^2/NDF : 217014.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

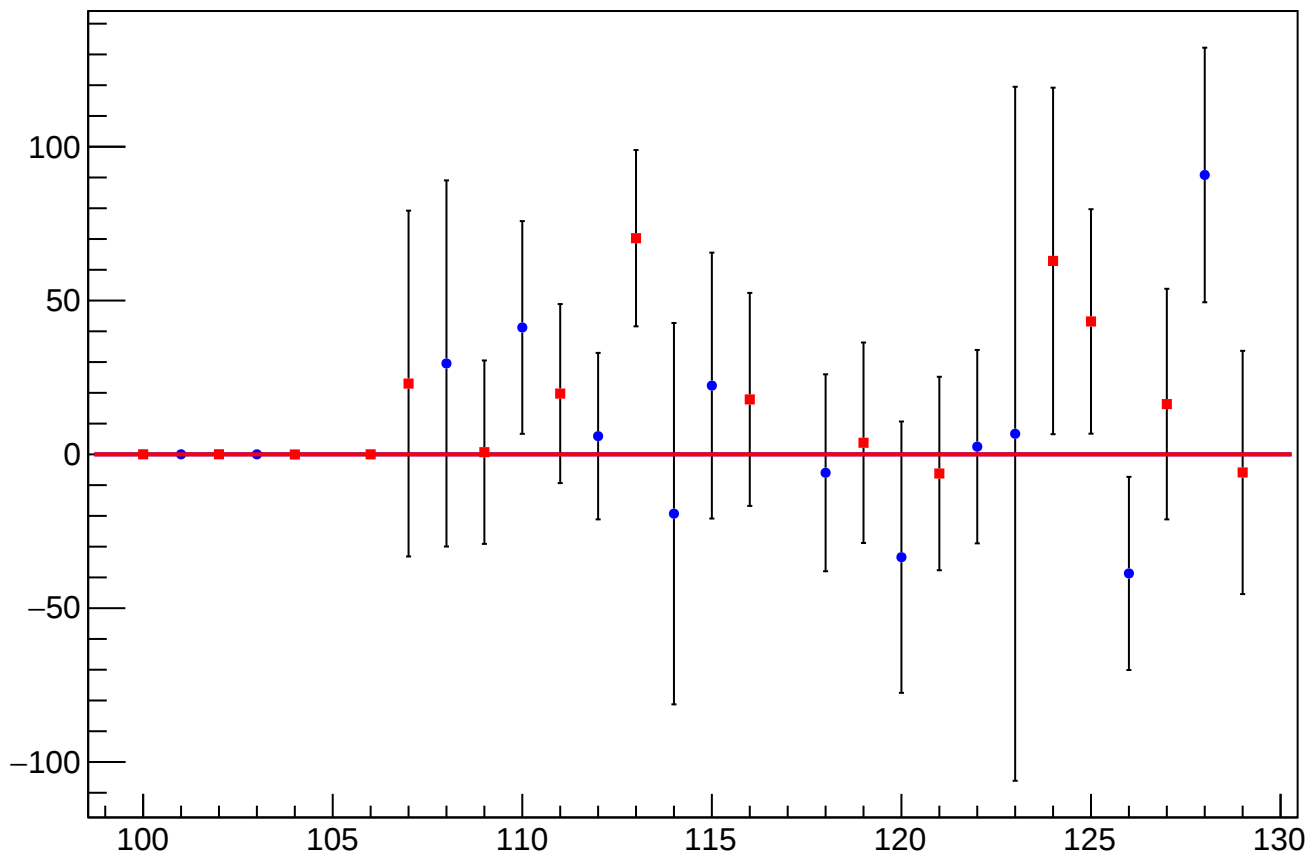
Right: 0.005+/-0.000 χ^2/NDF : 452248.1/27

In: 0.005+/-0.000 χ^2/NDF :232224.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 452248.1/27

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.017 χ^2/NDF : 9.2/12

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

Right Out: -0.003+/-0.016 χ^2/NDF : 14.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

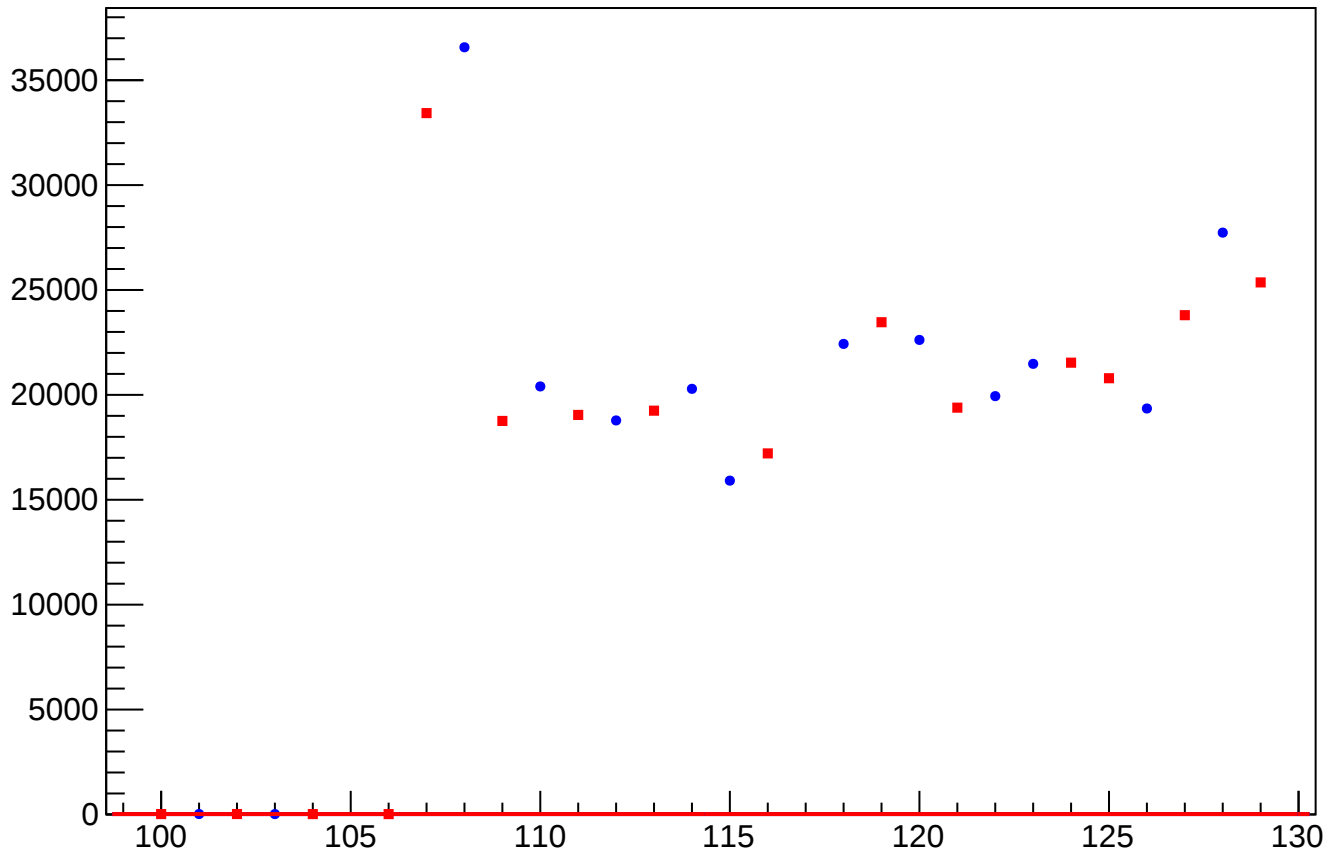
Right: 0.004+/-0.012 χ^2/NDF : 24.3/27

In: 0.013+/-0.017 χ^2/NDF : 9.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.012 χ^2/NDF : 24.3/27

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 18.607+/-0.012 χ^2/NDF : 6944390.8/12

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

Right Out: 18.291+/-0.011 χ^2/NDF : 8120388.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

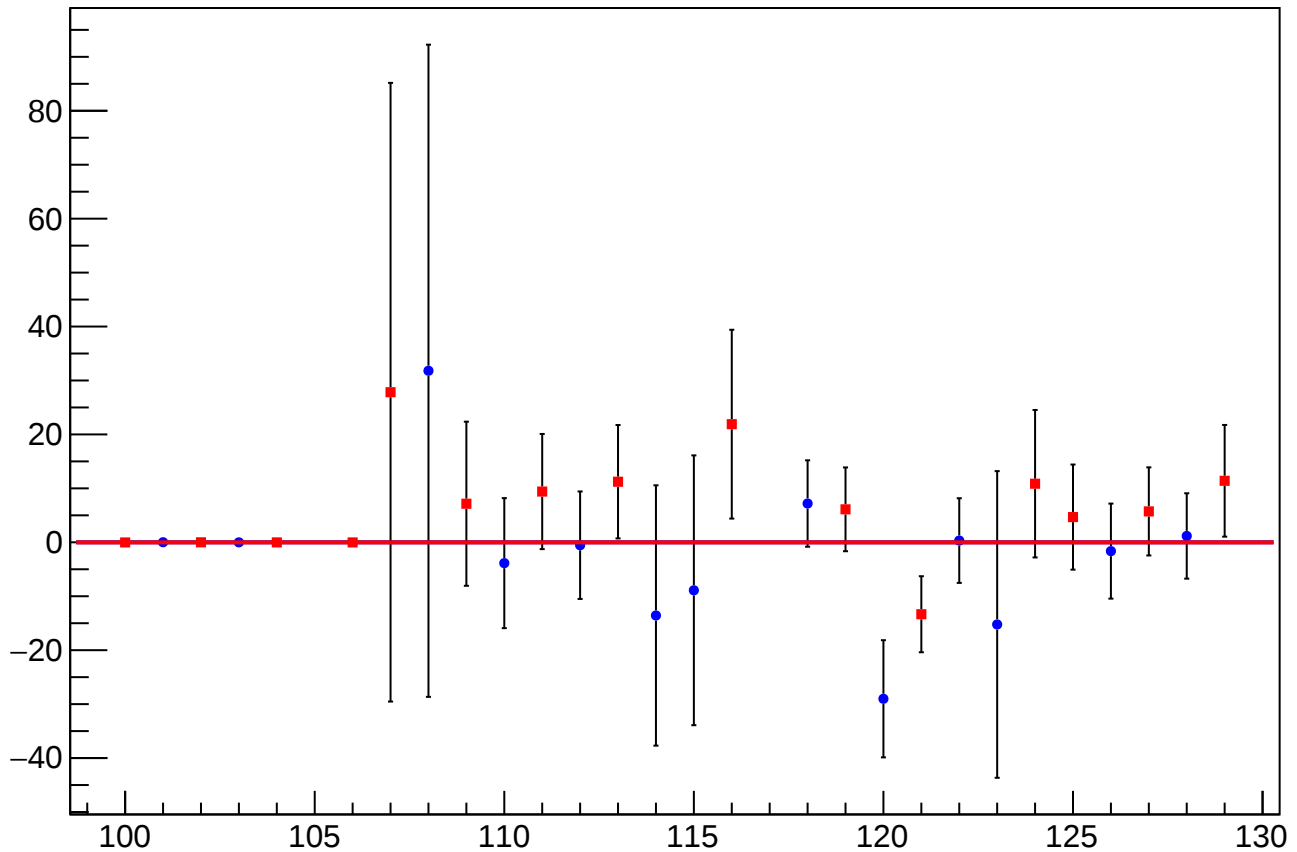
Right: 18.437+/-0.008 χ^2/NDF : 15065138.8/27

In: 18.607+/-0.012 χ^2/NDF :6944390.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 18.437+/-0.008 χ^2/NDF : 15065138.8/27

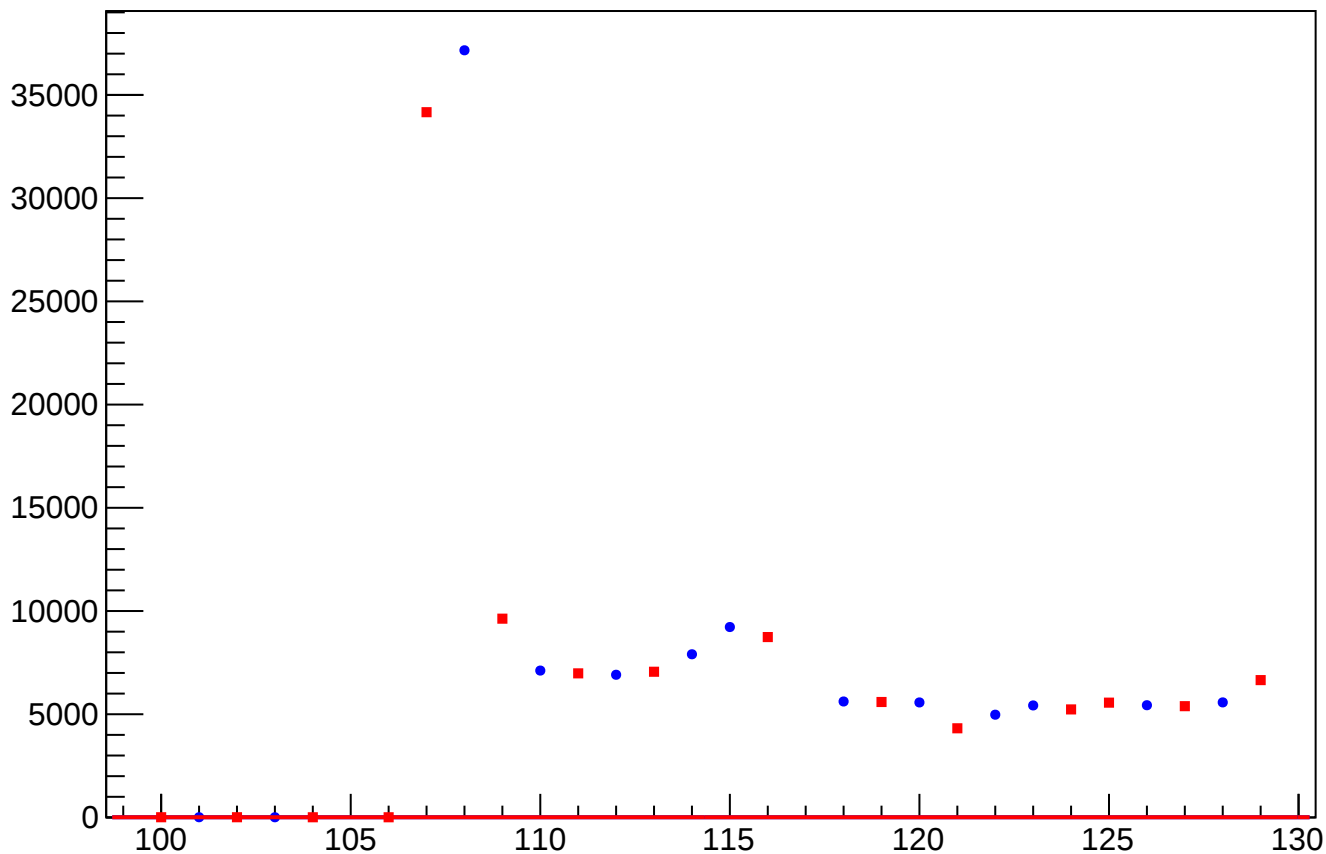
diff_cav4bY_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.009 χ^2 /NDF: 10.2/12
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
Right Out: -0.014 $\pm$ 0.009 χ^2 /NDF: 11.4/14
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Right: -0.007 $\pm$ 0.006 χ^2 /NDF: 23.0/27
In: 0.001 $\pm$ 0.009 χ^2 /NDF:10.2/12
Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
All: -0.007 $\pm$ 0.006 χ^2 /NDF: 23.0/27

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 9.901+/-0.007 χ^2/NDF : 7032268.0/12

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

Right Out: 9.827+/-0.006 χ^2/NDF : 8186554.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

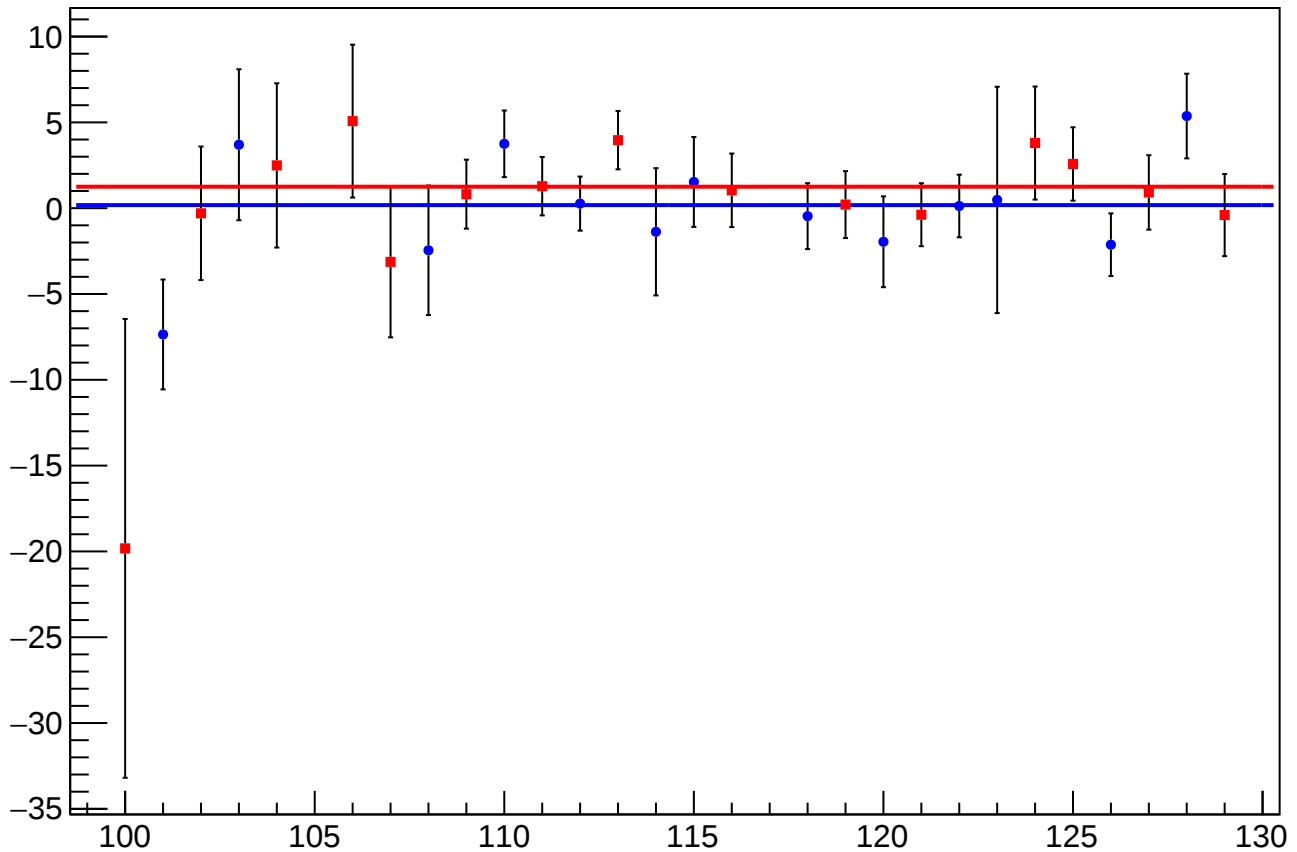
Right: 9.861+/-0.004 χ^2/NDF : 15218891.4/27

In: 9.901+/-0.007 χ^2/NDF : 7032268.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.861+/-0.004 χ^2/NDF : 15218891.4/27

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: 0.180+/-0.658 χ^2/NDF : 17.3/12

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

Right Out: 1.252+/-0.616 χ^2/NDF : 9.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

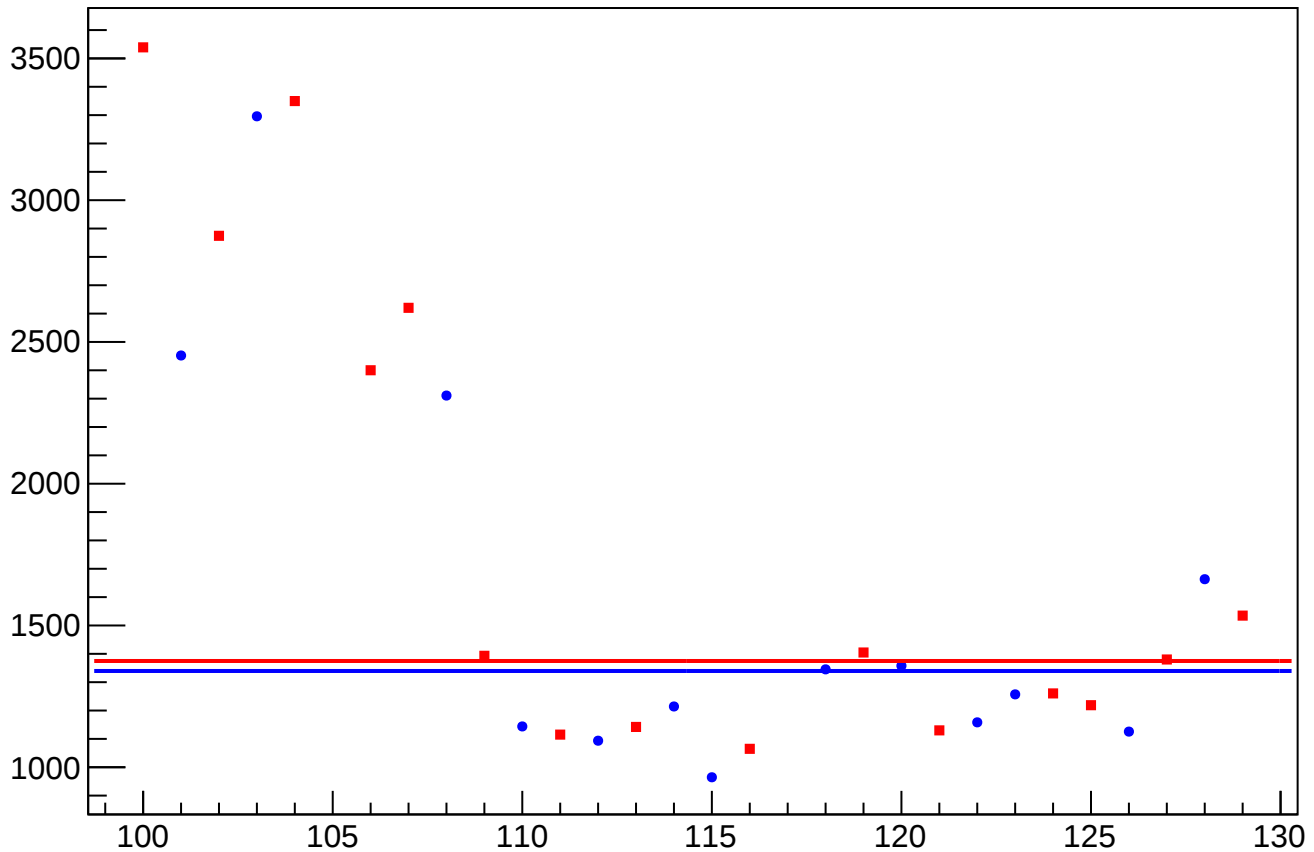
Right: 0.751+/-0.450 χ^2/NDF : 28.3/27

In: 0.180+/-0.658 χ^2/NDF : 17.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.751+/-0.450 χ^2/NDF : 28.3/27

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 1339.509+/-0.465 χ^2/NDF : 964173.3/12

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

Right Out: 1374.755+/-0.436 χ^2/NDF : 1140548.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

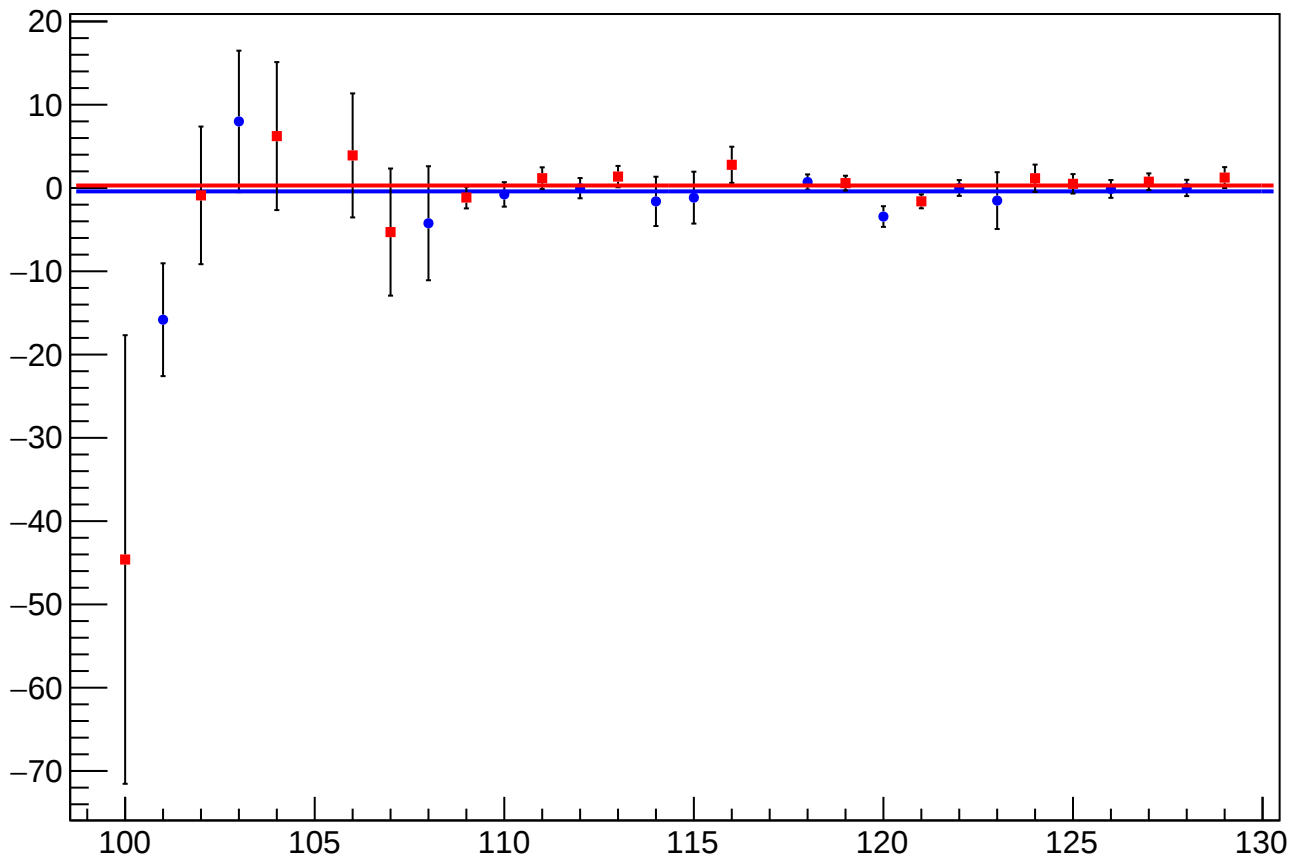
Right: 1358.287+/-0.318 χ^2/NDF : 2107777.7/27

In: 1339.509+/-0.465 χ^2/NDF :964173.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1358.287+/-0.318 χ^2/NDF : 2107777.7/27

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.404 ± 0.396 χ^2/NDF : 14.8/12

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

Right Out: 0.302 ± 0.365 χ^2/NDF : 14.0/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

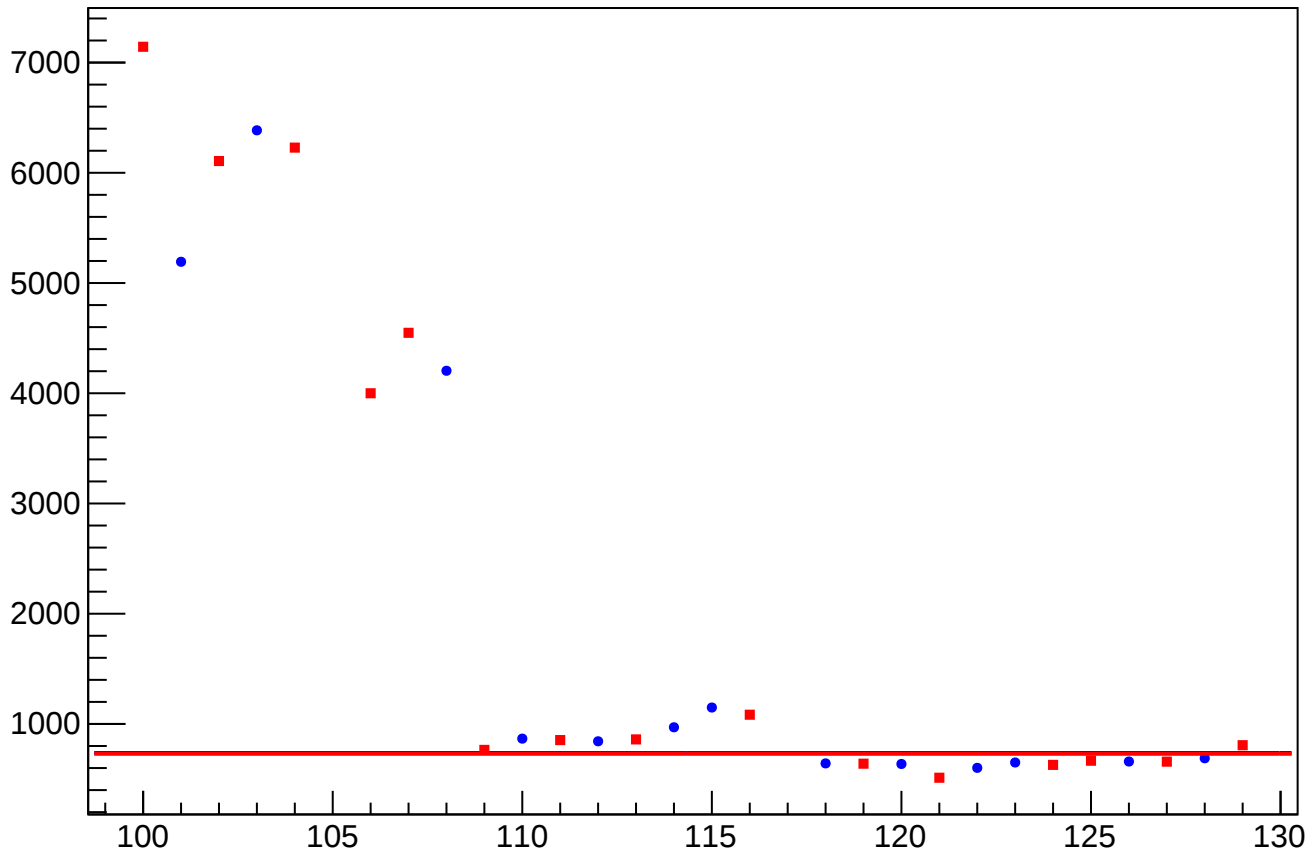
Right: -0.023 ± 0.269 χ^2/NDF : 30.6/27

In: -0.404 ± 0.396 χ^2/NDF : 14.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.023 ± 0.269 χ^2/NDF : 30.6/27

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 736.413+/-0.280 χ^2/NDF : 2432626.3/12

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

Right Out: 729.568+/-0.258 χ^2/NDF : 2892557.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

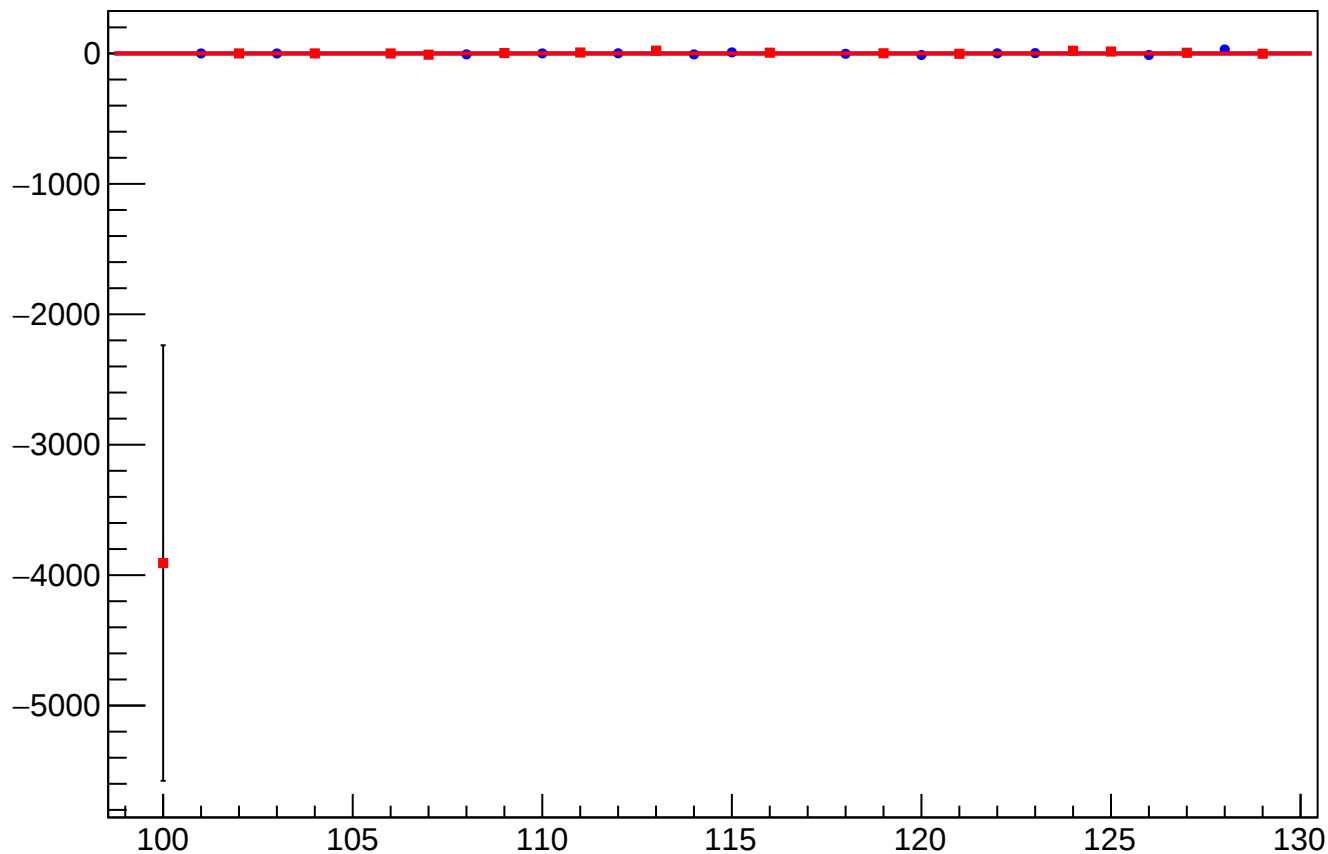
Right: 732.715+/-0.190 χ^2/NDF : 5325506.9/27

In: 736.413+/-0.280 χ^2/NDF :2432626.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 732.715+/-0.190 χ^2/NDF : 5325506.9/27

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.021 χ^2/NDF : 8.2/12

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

Right Out: 0.027+/-0.020 χ^2/NDF : 16.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

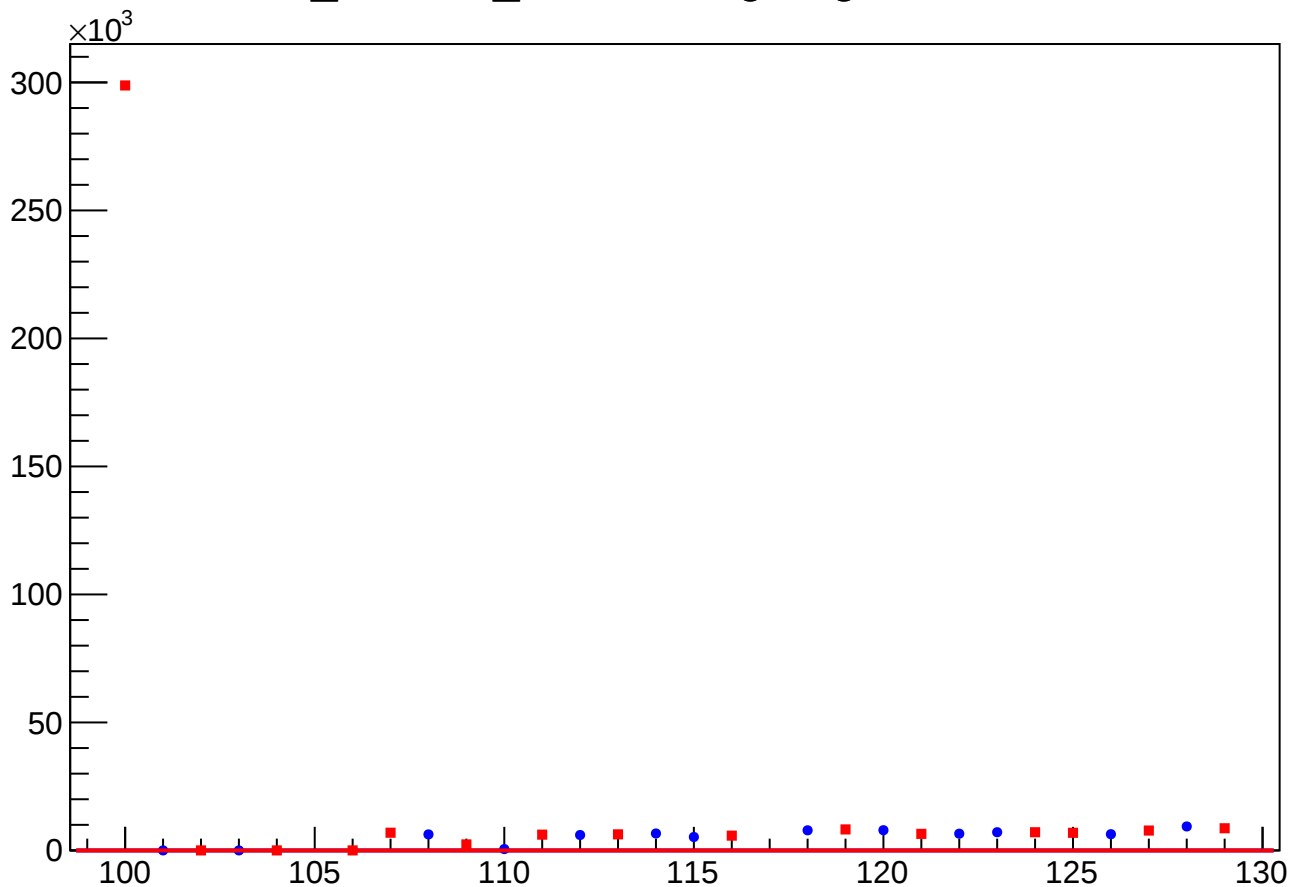
Right: 0.004+/-0.014 χ^2/NDF : 27.4/27

In: -0.021+/-0.021 χ^2/NDF : 8.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.014 χ^2/NDF : 27.4/27

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 17.196+/-0.015 χ^2/NDF : 6475844.6/12

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

Right Out: 17.176+/-0.014 χ^2/NDF : 7842024.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

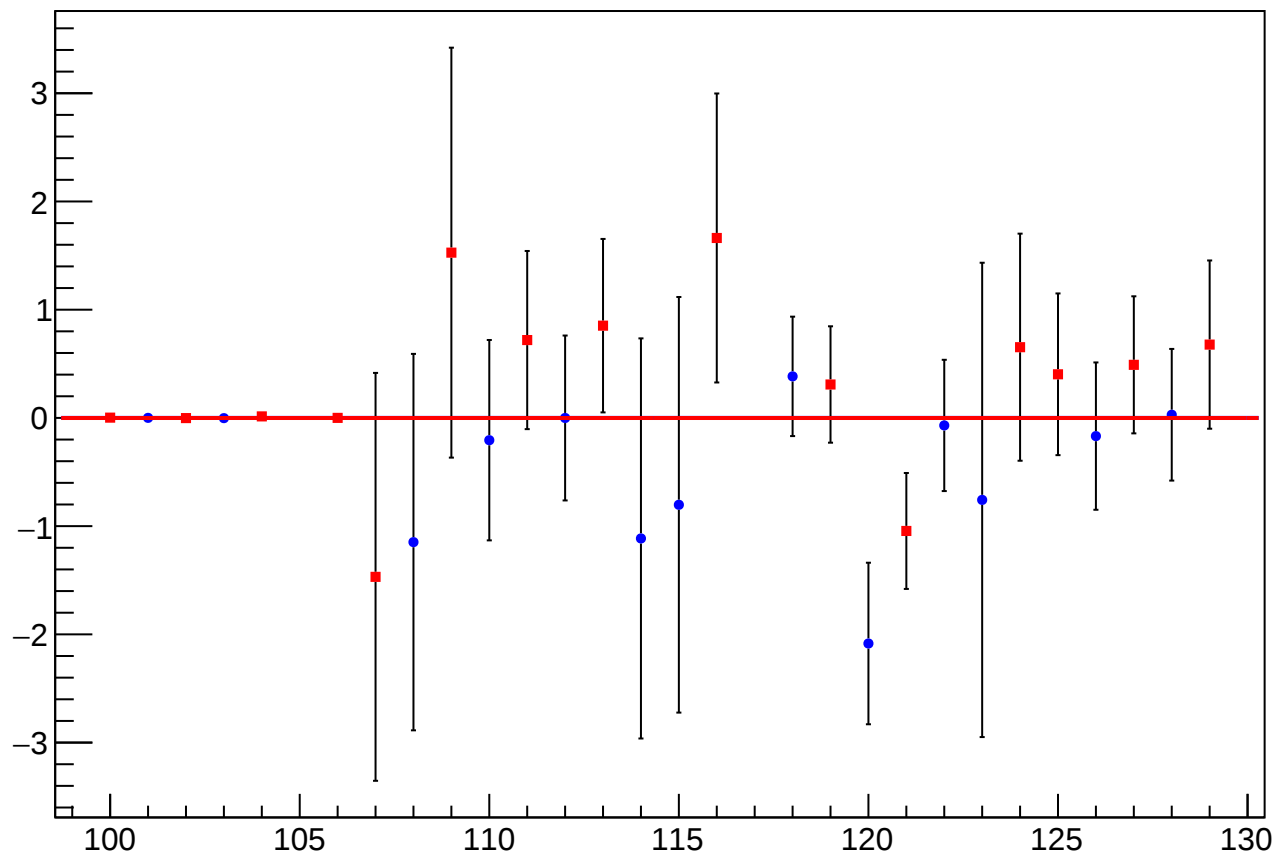
Right: 17.186+/-0.010 χ^2/NDF : 14317870.1/27

In: 17.196+/-0.015 χ^2/NDF : 6475844.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.186+/-0.010 χ^2/NDF : 14317870.1/27

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.002 χ^2/NDF : 9.7/12

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

Right Out: -0.001+/-0.002 χ^2/NDF : 11.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

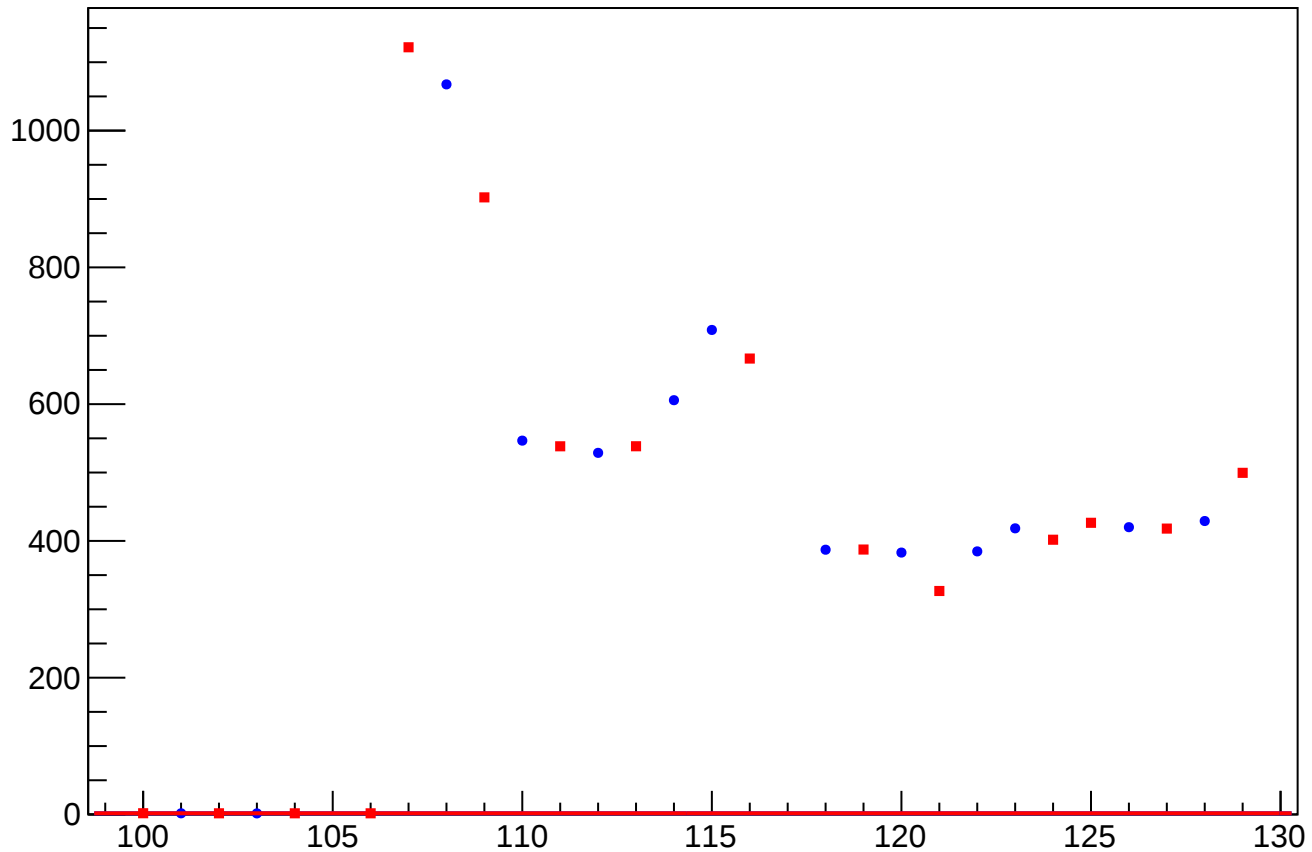
Right: -0.000+/-0.001 χ^2/NDF : 21.7/27

In: 0.000+/-0.002 χ^2/NDF : 9.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.001 χ^2/NDF : 21.7/27

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 1.675+/-0.001 χ^2/NDF : 6998513.8/12

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

Right Out: 1.710+/-0.001 χ^2/NDF : 7790196.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

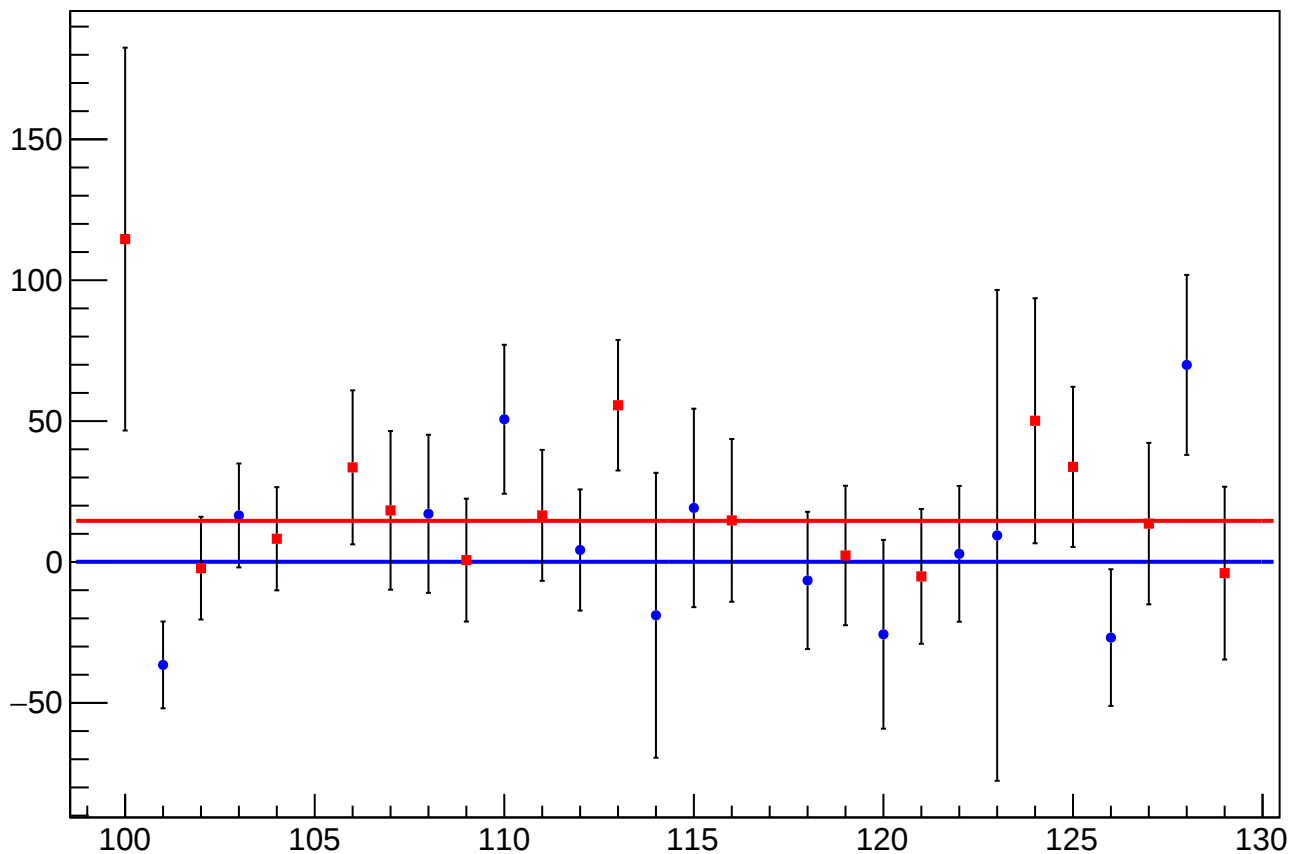
Right: 1.693+/-0.001 χ^2/NDF : 14789017.7/27

In: 1.675+/-0.001 χ^2/NDF : 6998513.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.693+/-0.001 χ^2/NDF : 14789017.7/27

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: 0.079+/-7.013 χ^2/NDF : 17.6/12

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

Right Out: 14.621+/-6.557 χ^2/NDF : 9.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

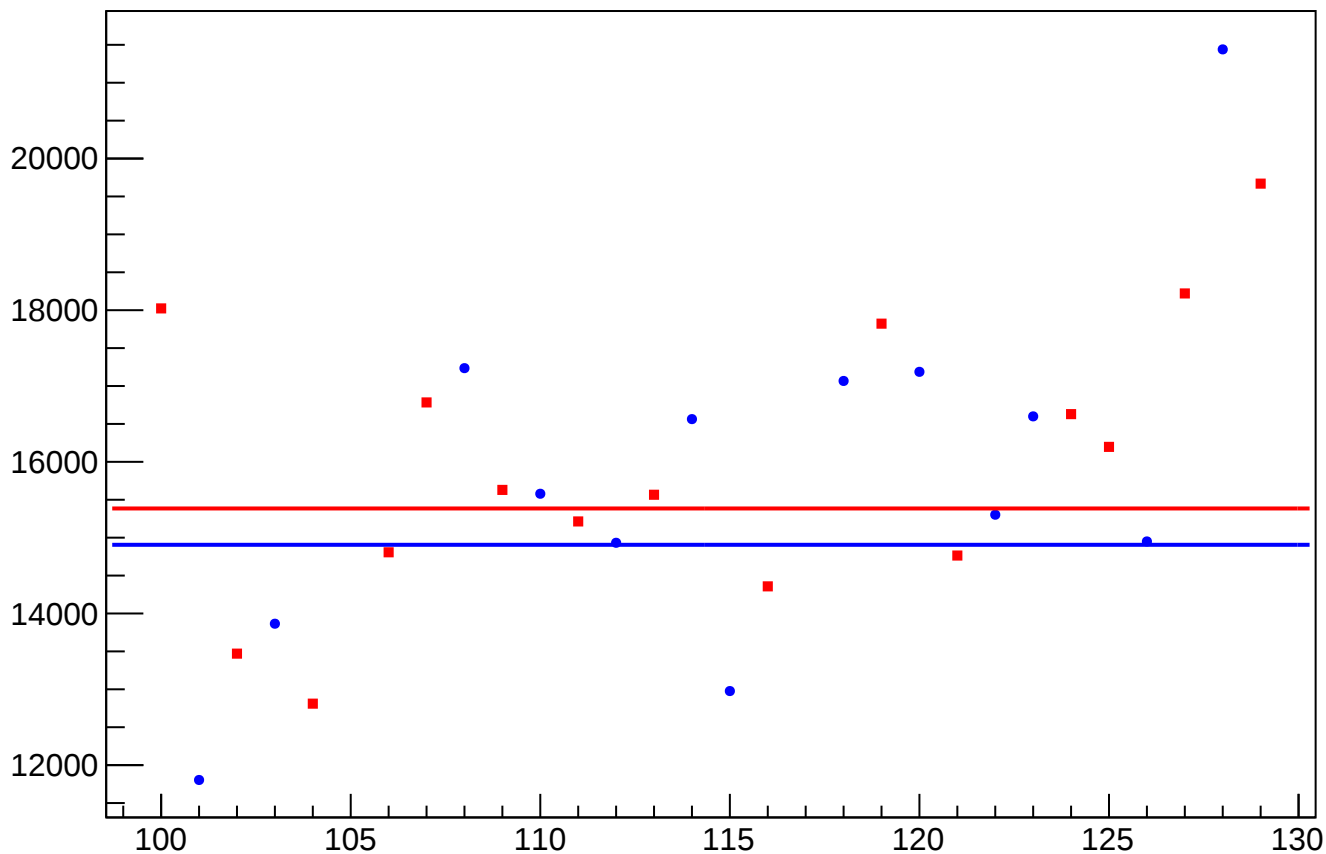
Right: 7.838+/-4.790 χ^2/NDF : 29.5/27

In: 0.079+/-7.013 χ^2/NDF : 17.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.838+/-4.790 χ^2/NDF : 29.5/27

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 14905.835+/-4.959 χ^2/NDF : 220768.9/12

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

Right Out: 15384.962+/-4.636 χ^2/NDF : 156117.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

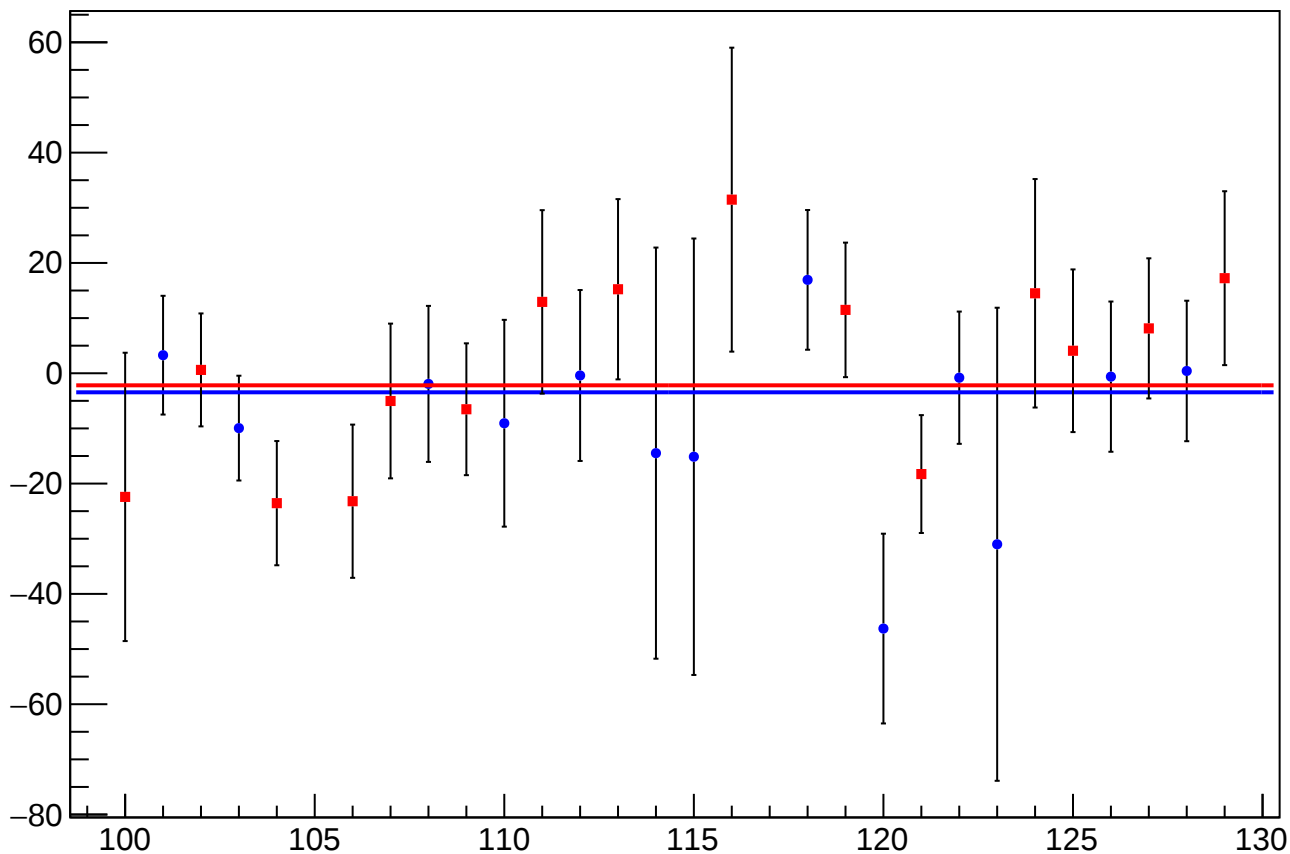
Right: 15161.481+/-3.387 χ^2/NDF : 381867.2/27

In: 14905.835+/-4.959 χ^2/NDF : 220768.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15161.481+/-3.387 χ^2/NDF : 381867.2/27

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -3.453 $\pm$ 4.024 χ^2/NDF : 10.6/12

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

Right Out: -2.187 $\pm$ 3.593 χ^2/NDF : 16.7/14

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

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

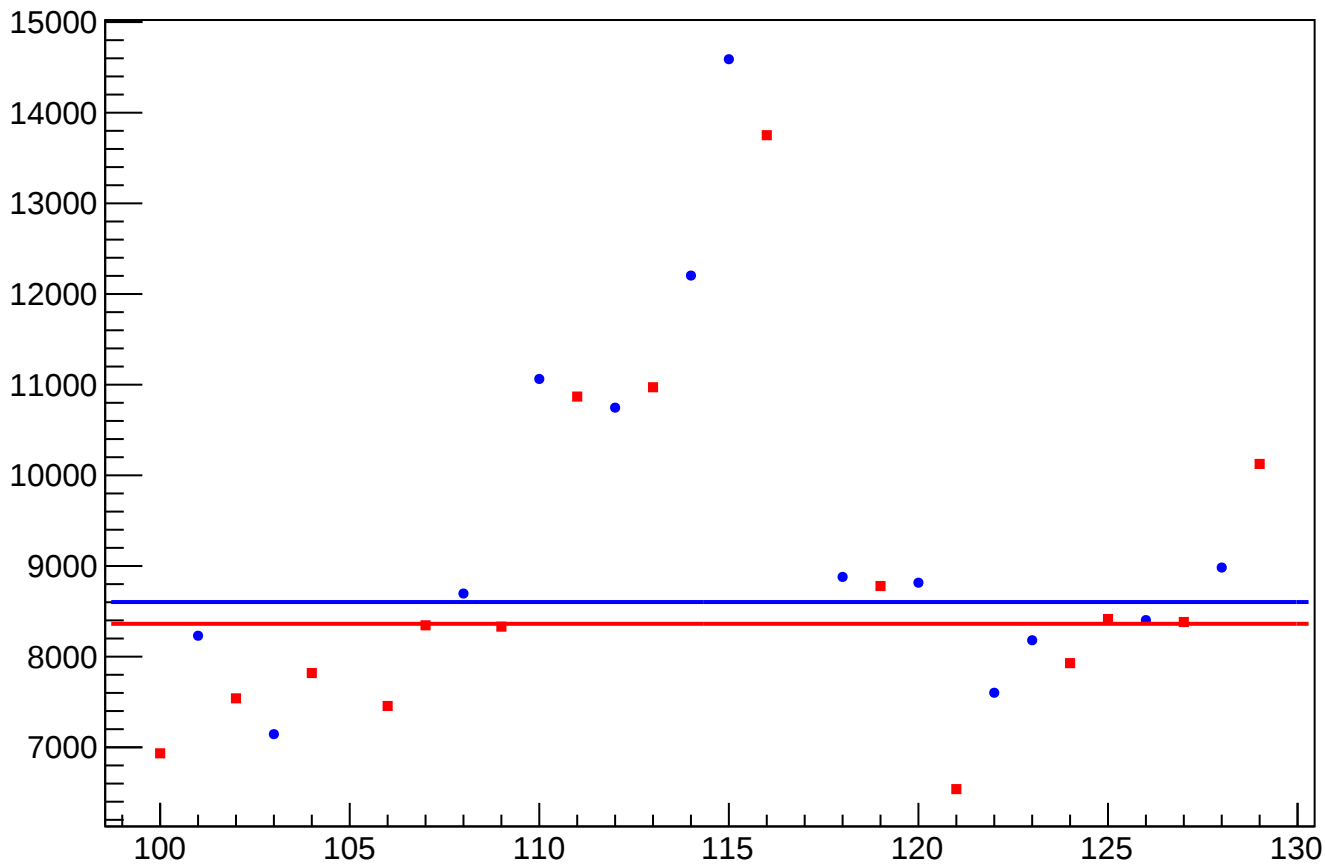
Right: -2.748 $\pm$ 2.680 χ^2/NDF : 27.3/27

In: -3.453 $\pm$ 4.024 χ^2/NDF : 10.6/12

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

All: -2.748 $\pm$ 2.680 χ^2/NDF : 27.3/27

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8602.407+/-2.846 χ^2/NDF : 204370.3/12

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

Right Out: 8362.288+/-2.541 χ^2/NDF : 291522.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

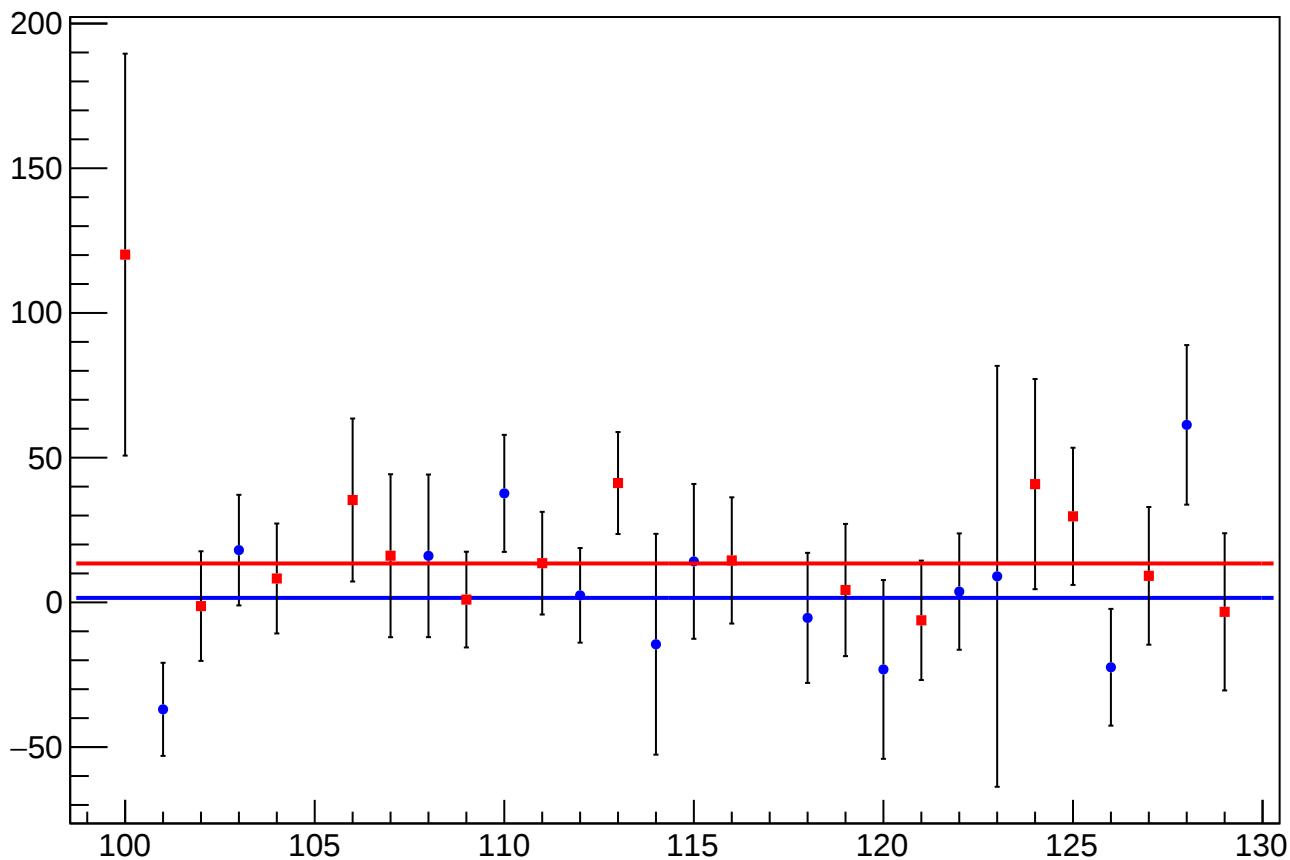
Right: 8468.796+/-1.895 χ^2/NDF : 499855.4/27

In: 8602.407+/-2.846 χ^2/NDF : 204370.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8468.796+/-1.895 χ^2/NDF : 499855.4/27

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: 1.550+/-6.249 χ^2/NDF : 17.2/12

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

Right Out: 13.441+/-5.737 χ^2/NDF : 9.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

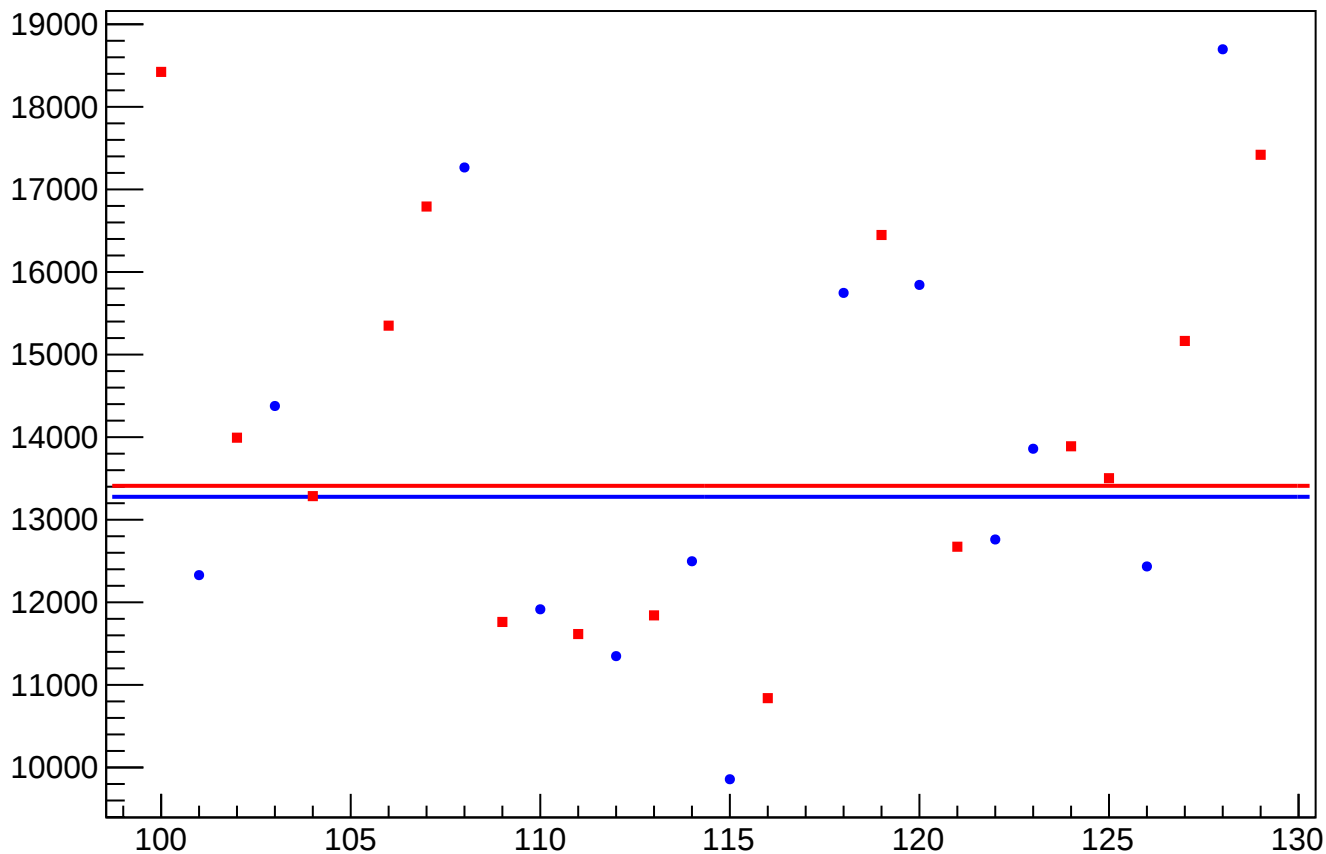
Right: 8.002+/-4.226 χ^2/NDF : 28.4/27

In: 1.550+/-6.249 χ^2/NDF : 17.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.002+/-4.226 χ^2/NDF : 28.4/27

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13277.696+/-4.419 χ^2/NDF : 244550.7/12

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

Right Out: 13410.567+/-4.057 χ^2/NDF : 227516.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

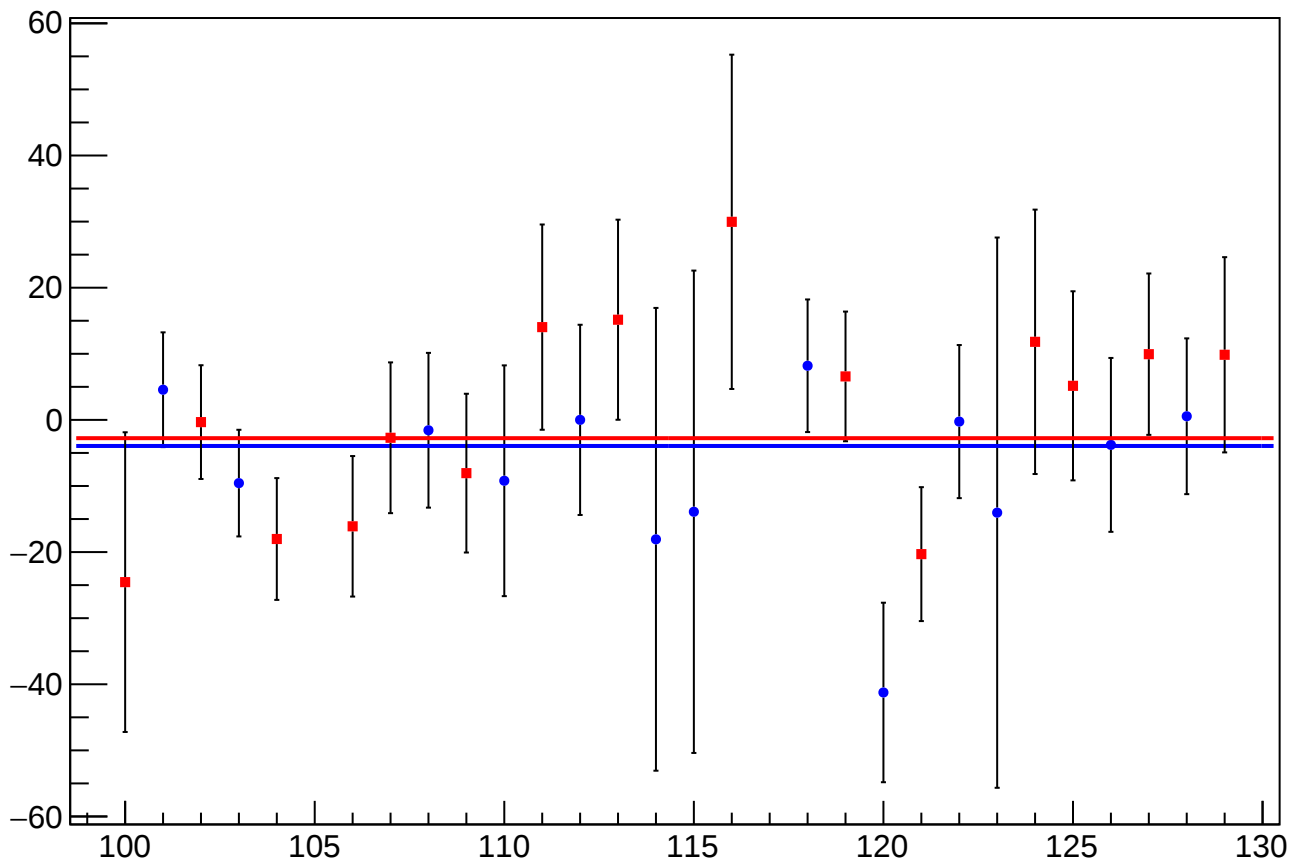
Right: 13349.788+/-2.988 χ^2/NDF : 472558.2/27

In: 13277.696+/-4.419 χ^2/NDF : 244550.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13349.788+/-2.988 χ^2/NDF : 472558.2/27

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -3.945 ± 3.493 $\chi^2/\text{NDF}: 11.2/12$

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

Right Out: -2.766 ± 3.169 $\chi^2/\text{NDF}: 16.3/14$

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

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

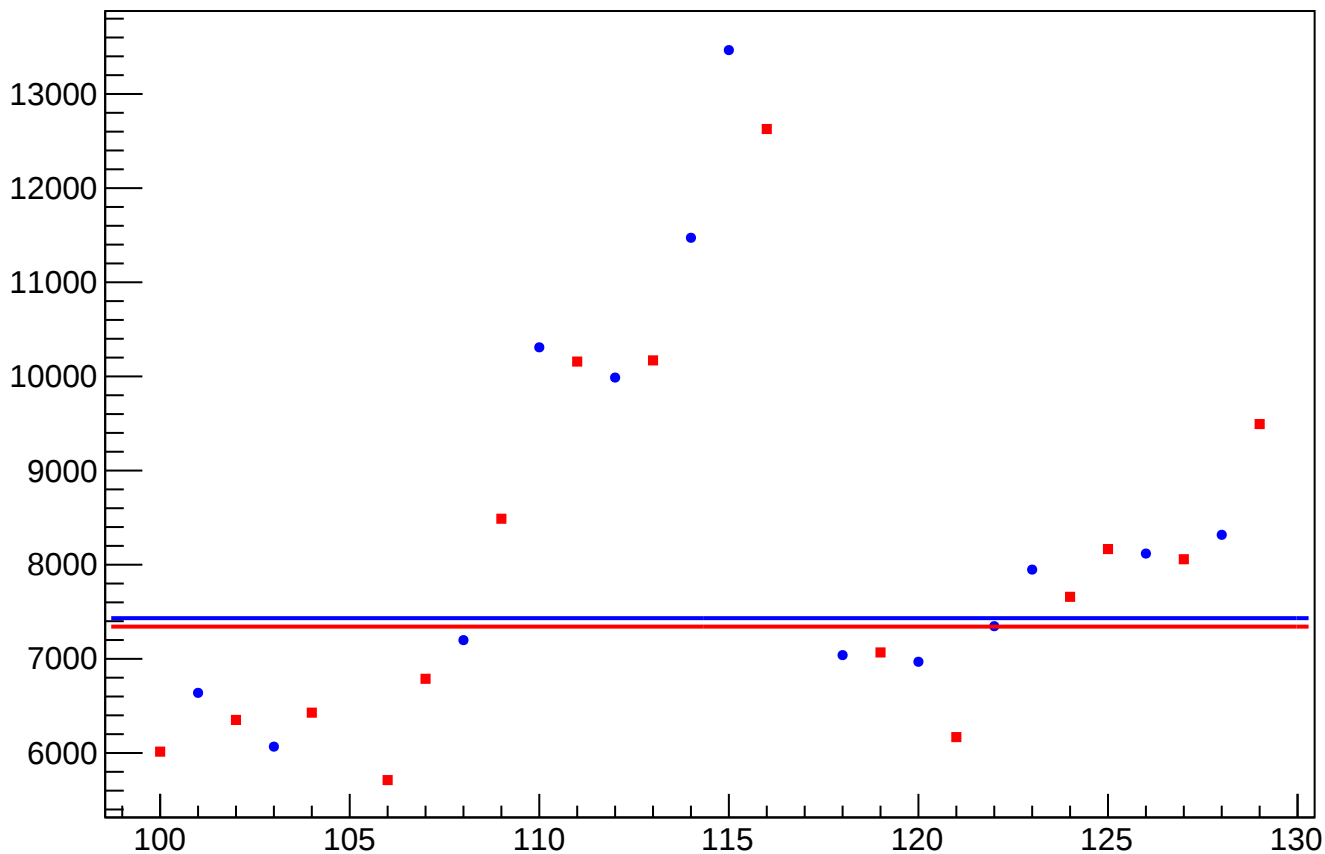
Right: -3.298 ± 2.347 $\chi^2/\text{NDF}: 27.6/27$

In: -3.945 ± 3.493 $\chi^2/\text{NDF}: 11.2/12$

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

All: -3.298 ± 2.347 $\chi^2/\text{NDF}: 27.6/27$

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7432.279+/-2.470 χ^2/NDF : 295992.1/12

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

Right Out: 7342.413+/-2.241 χ^2/NDF : 430854.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

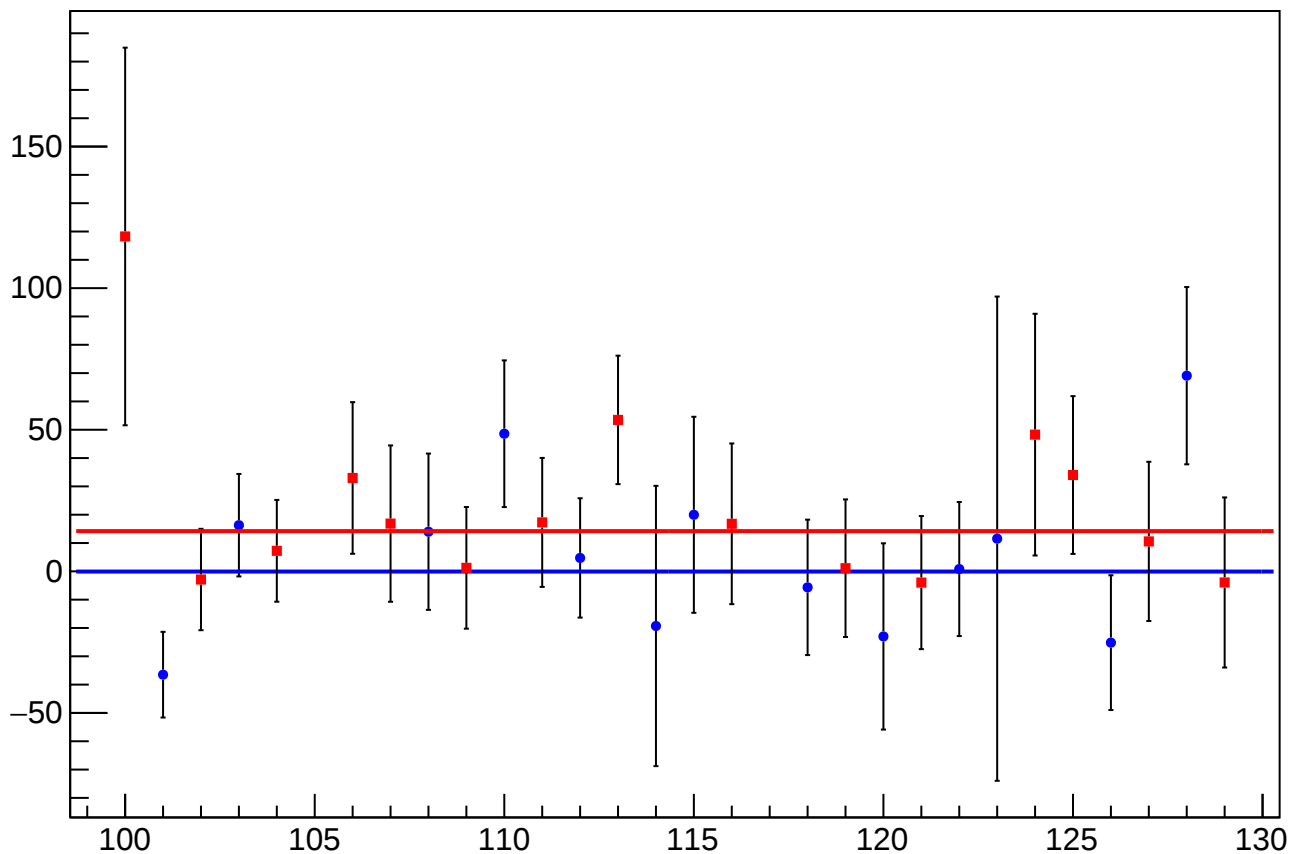
Right: 7382.987+/-1.659 χ^2/NDF : 727573.2/27

In: 7432.279+/-2.470 χ^2/NDF : 295992.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7382.987+/-1.659 χ^2/NDF : 727573.2/27

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -0.068 ± 6.884 $\chi^2/\text{NDF}: 17.5/12$

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

Right Out: 14.203 ± 6.435 $\chi^2/\text{NDF}: 9.8/14$

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

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

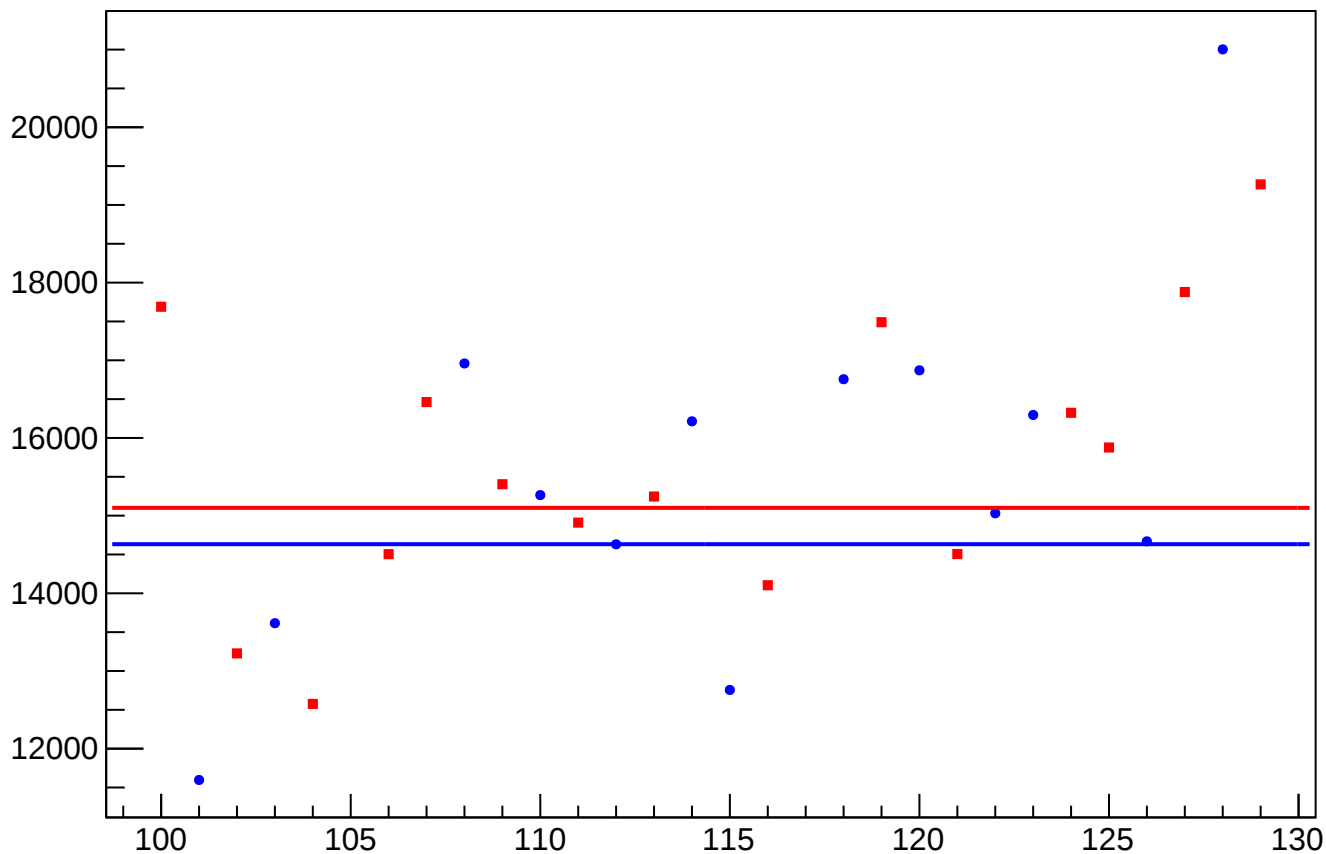
Right: 7.548 ± 4.701 $\chi^2/\text{NDF}: 29.6/27$

In: -0.068 ± 6.884 $\chi^2/\text{NDF}: 17.5/12$

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

All: 7.548 ± 4.701 $\chi^2/\text{NDF}: 29.6/27$

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 14632.356+/-4.868 χ^2/NDF : 219347.3/12

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

Right Out: 15100.080+/-4.550 χ^2/NDF : 155190.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

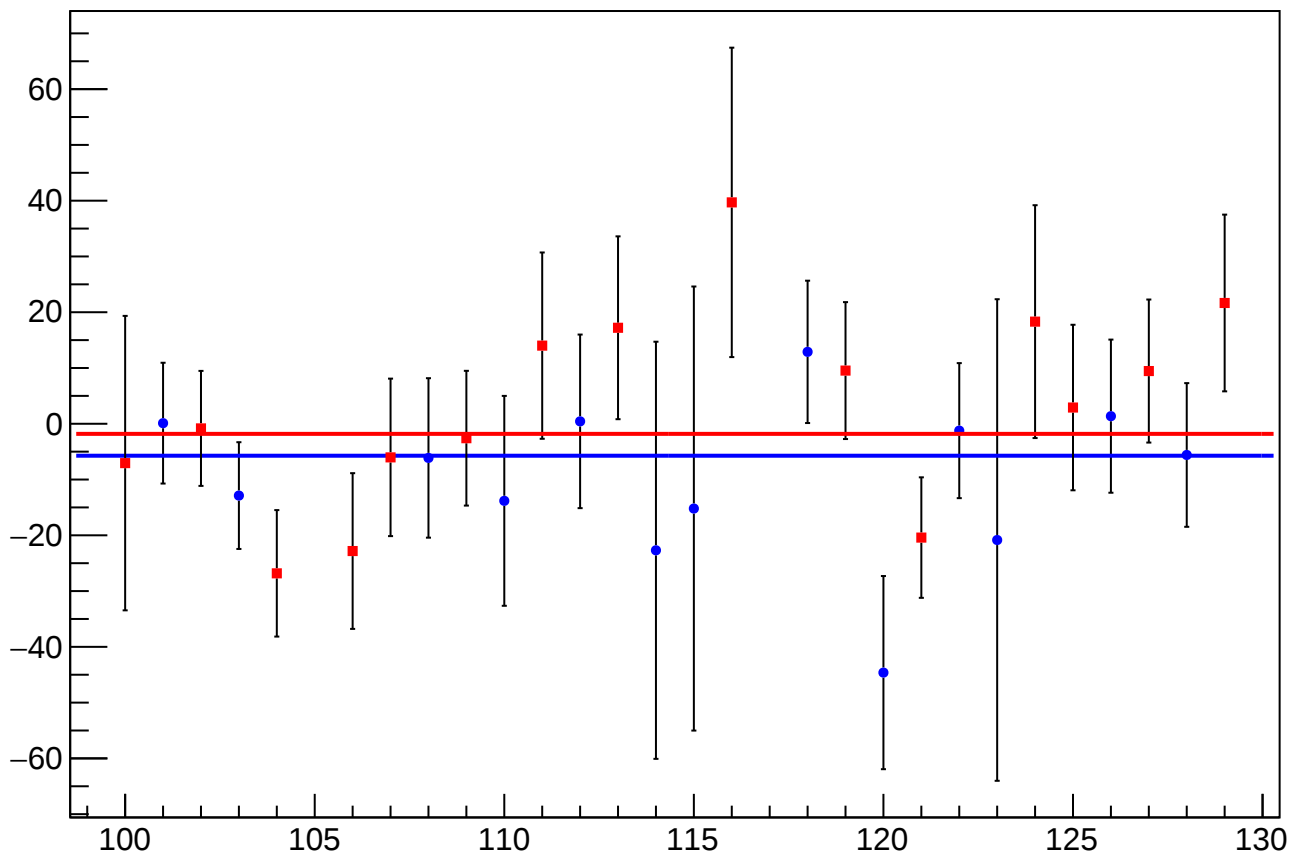
Right: 14881.959+/-3.324 χ^2/NDF : 379464.5/27

In: 14632.356+/-4.868 χ^2/NDF :219347.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14881.959+/-3.324 χ^2/NDF : 379464.5/27

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -5.729 ± 4.056 χ^2/NDF : 9.2/12

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

Right Out: -1.811 ± 3.620 χ^2/NDF : 19.6/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

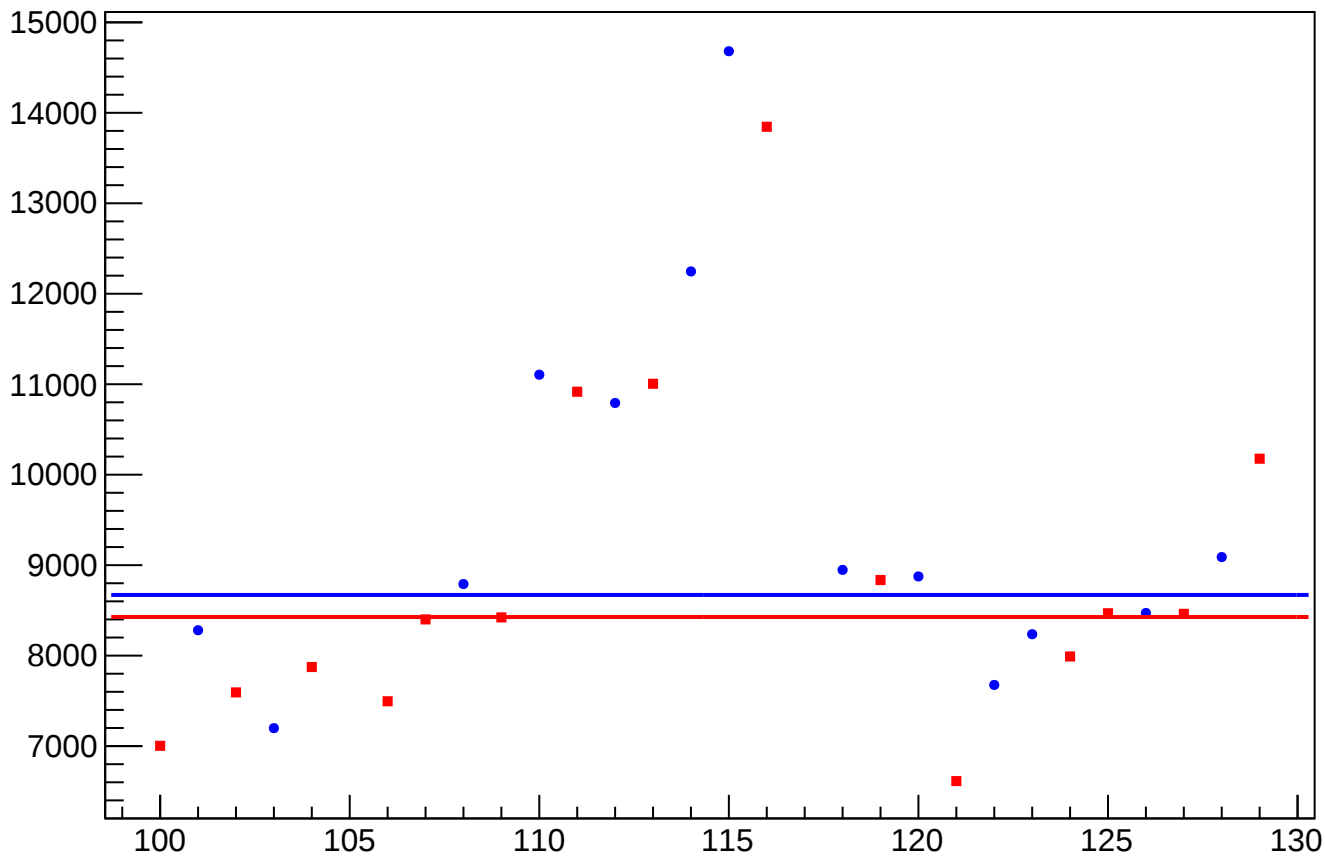
Right: -3.548 ± 2.700 χ^2/NDF : 29.2/27

In: -5.729 ± 4.056 χ^2/NDF : 9.2/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.548 ± 2.700 χ^2/NDF : 29.2/27

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8670.884+/-2.868 χ^2/NDF : 202044.4/12

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

Right Out: 8426.644+/-2.559 χ^2/NDF : 286665.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

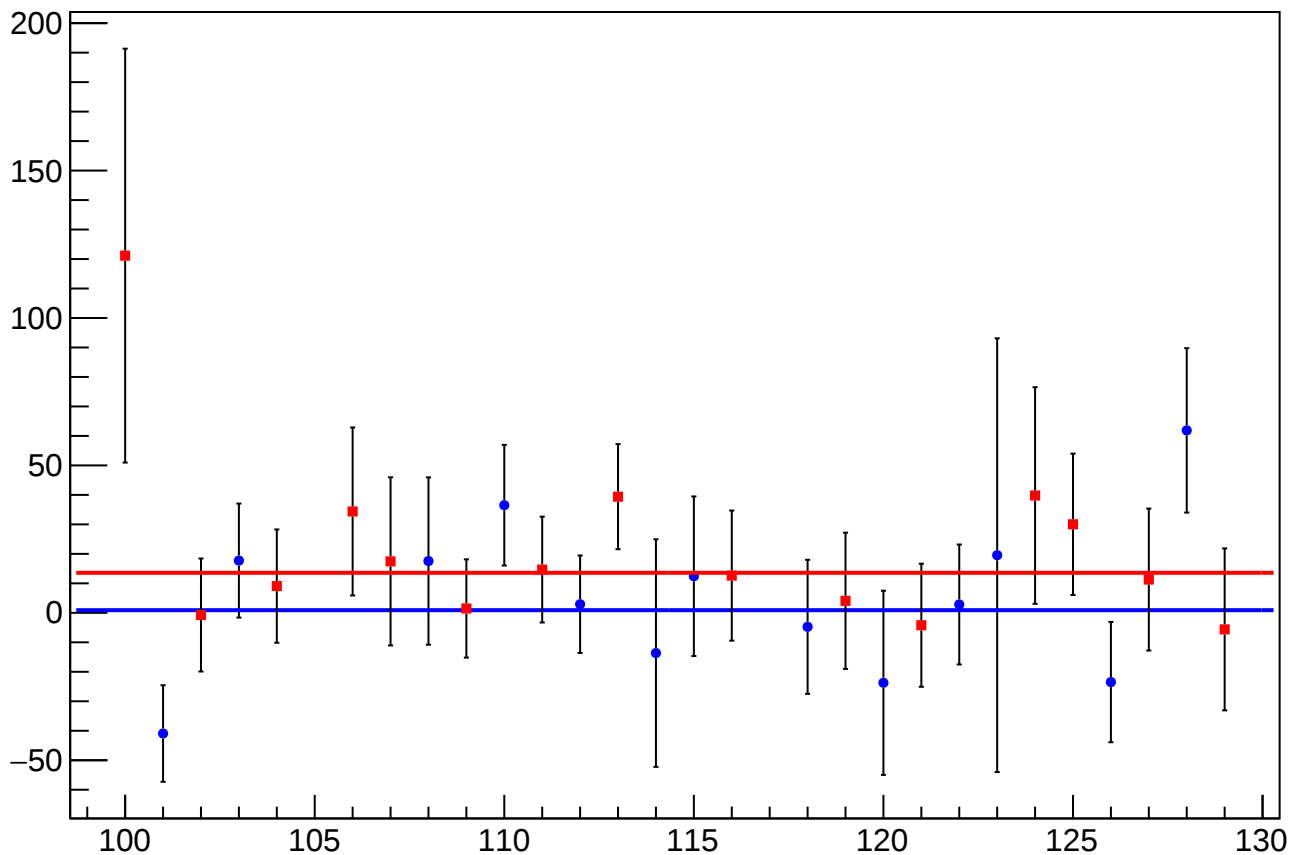
Right: 8534.936+/-1.910 χ^2/NDF : 492747.3/27

In: 8670.884+/-2.868 χ^2/NDF : 202044.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8534.936+/-1.910 χ^2/NDF : 492747.3/27

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: 0.898+/-6.327 χ^2/NDF : 18.0/12

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

Right Out: 13.585+/-5.803 χ^2/NDF : 8.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

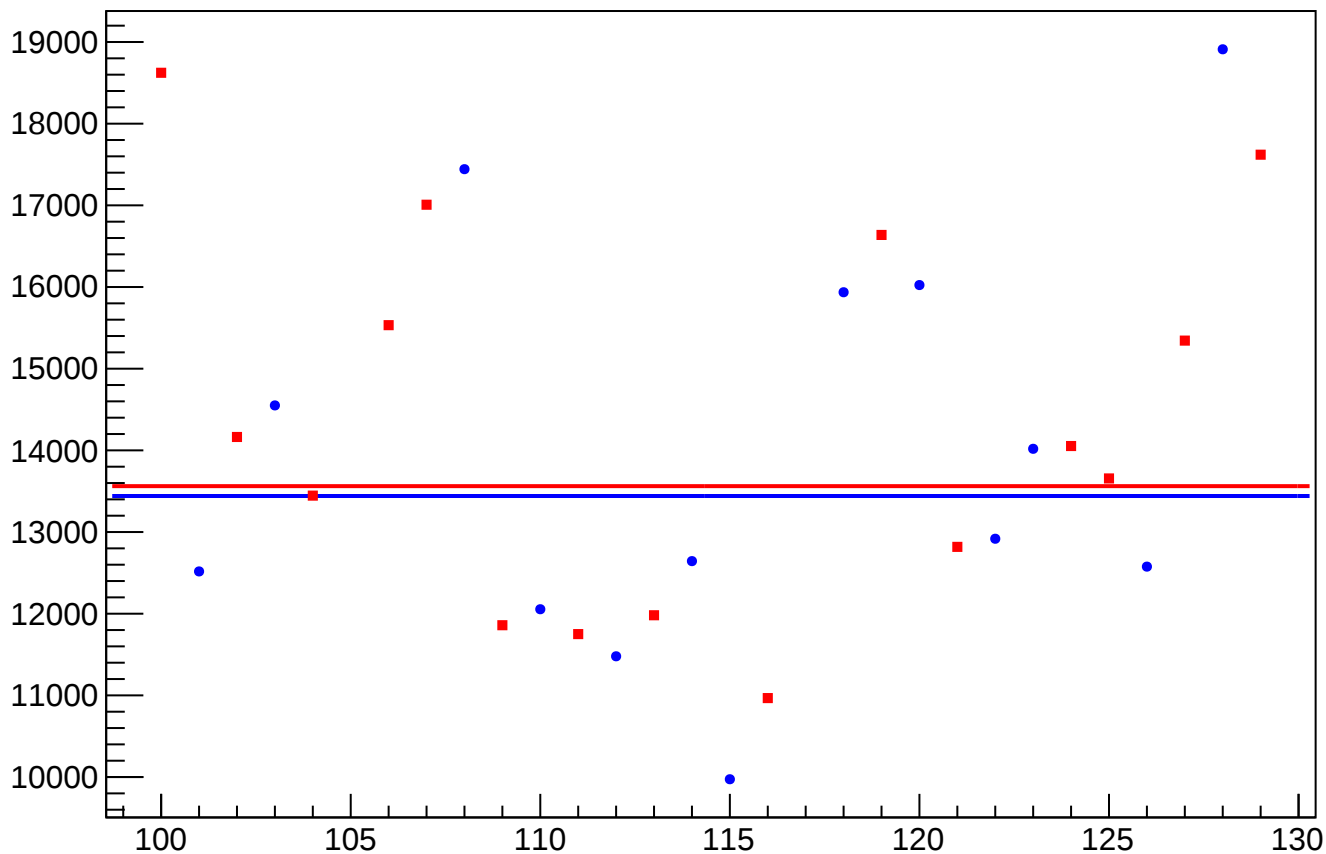
Right: 7.789+/-4.277 χ^2/NDF : 28.7/27

In: 0.898+/-6.327 χ^2/NDF : 18.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.789+/-4.277 χ^2/NDF : 28.7/27

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13441.109+/-4.474 χ^2/NDF : 243514.4/12

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

Right Out: 13561.859+/-4.103 χ^2/NDF : 228848.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

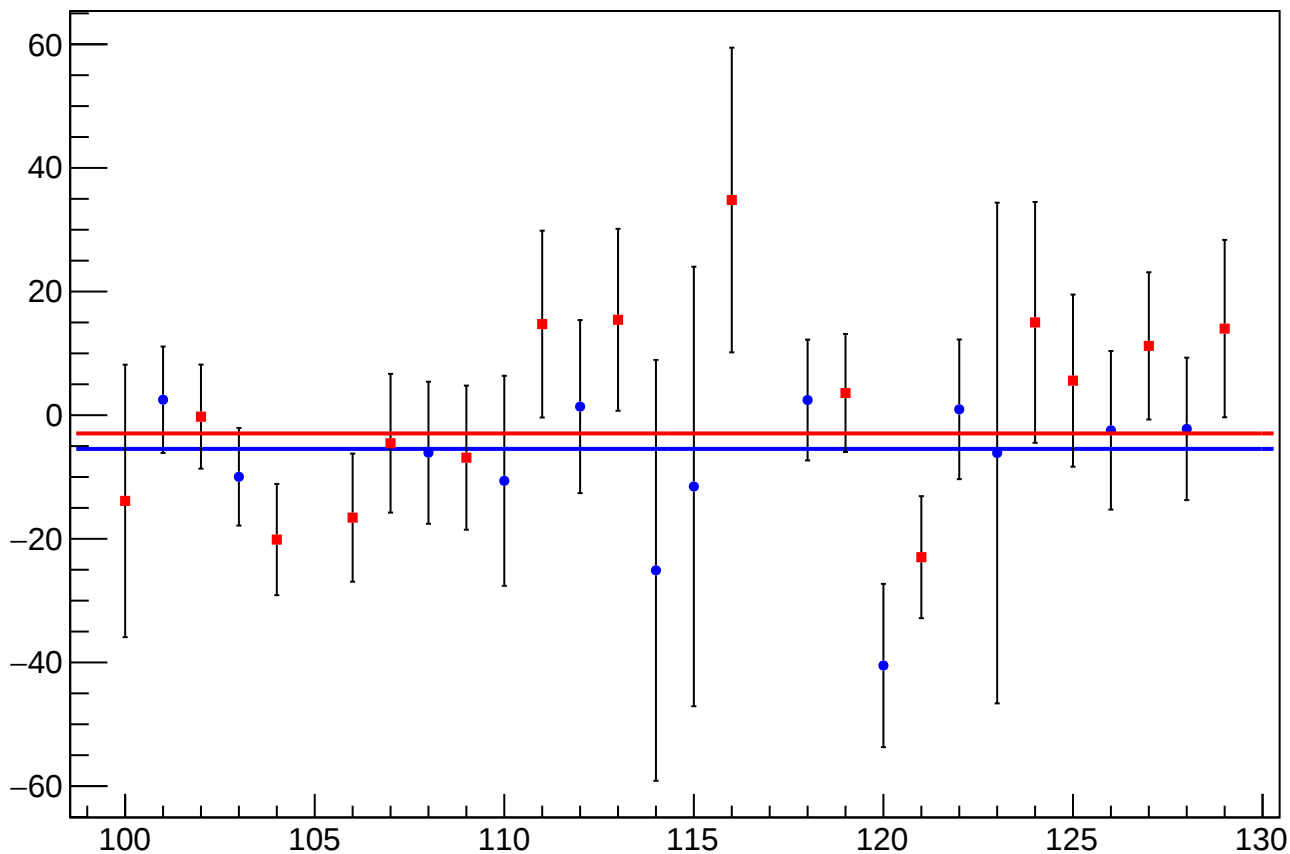
Right: 13506.700+/-3.024 χ^2/NDF : 472758.5/27

In: 13441.109+/-4.474 χ^2/NDF : 243514.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13506.700+/-3.024 χ^2/NDF : 472758.5/27

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -5.453 ± 3.418 χ^2/NDF : 10.0/12

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

Right Out: -2.952 ± 3.090 χ^2/NDF : 19.7/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

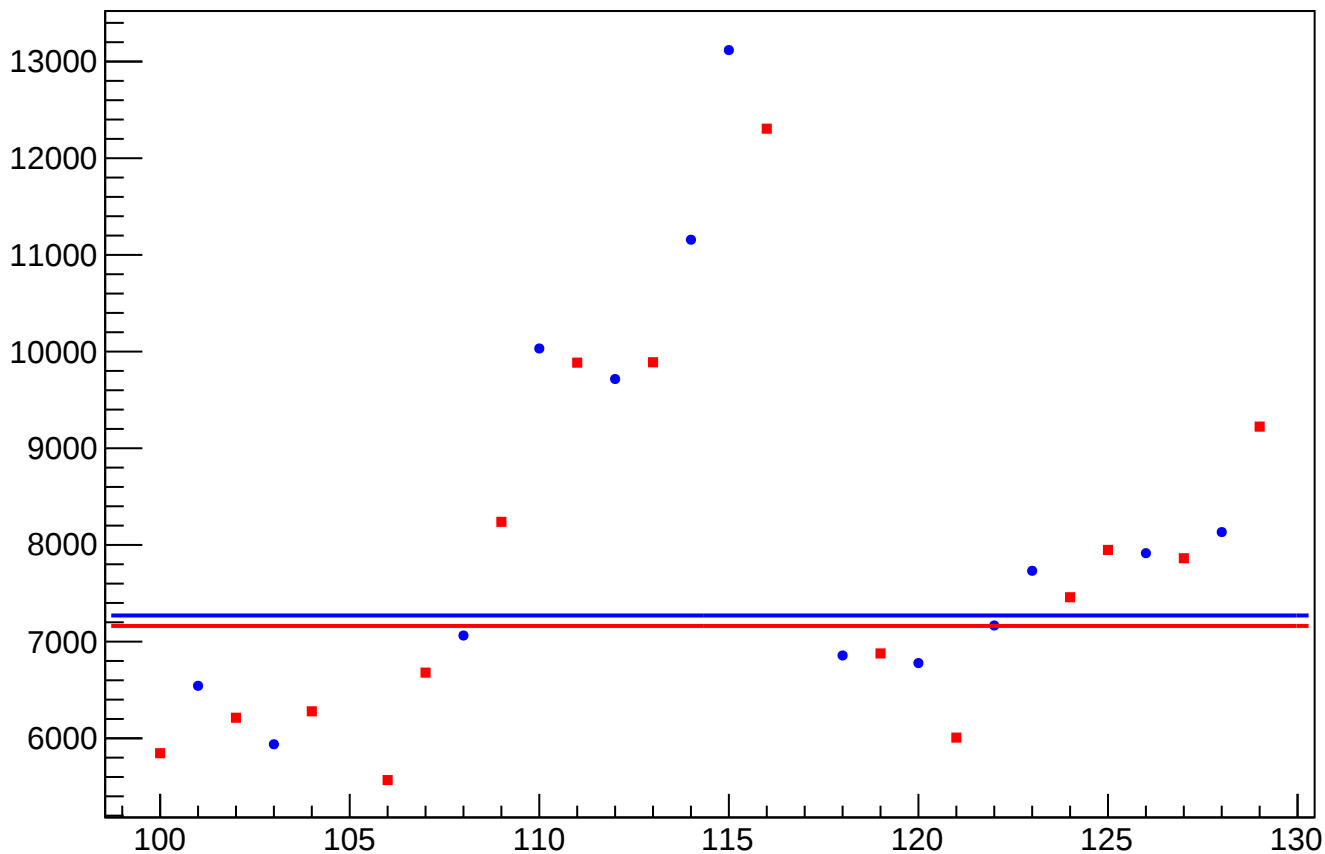
Right: -4.077 ± 2.292 χ^2/NDF : 30.1/27

In: -5.453 ± 3.418 χ^2/NDF : 10.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.077 ± 2.292 χ^2/NDF : 30.1/27

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7270.444+/-2.417 χ^2/NDF : 289021.2/12

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

Right Out: 7162.344+/-2.185 χ^2/NDF : 424901.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

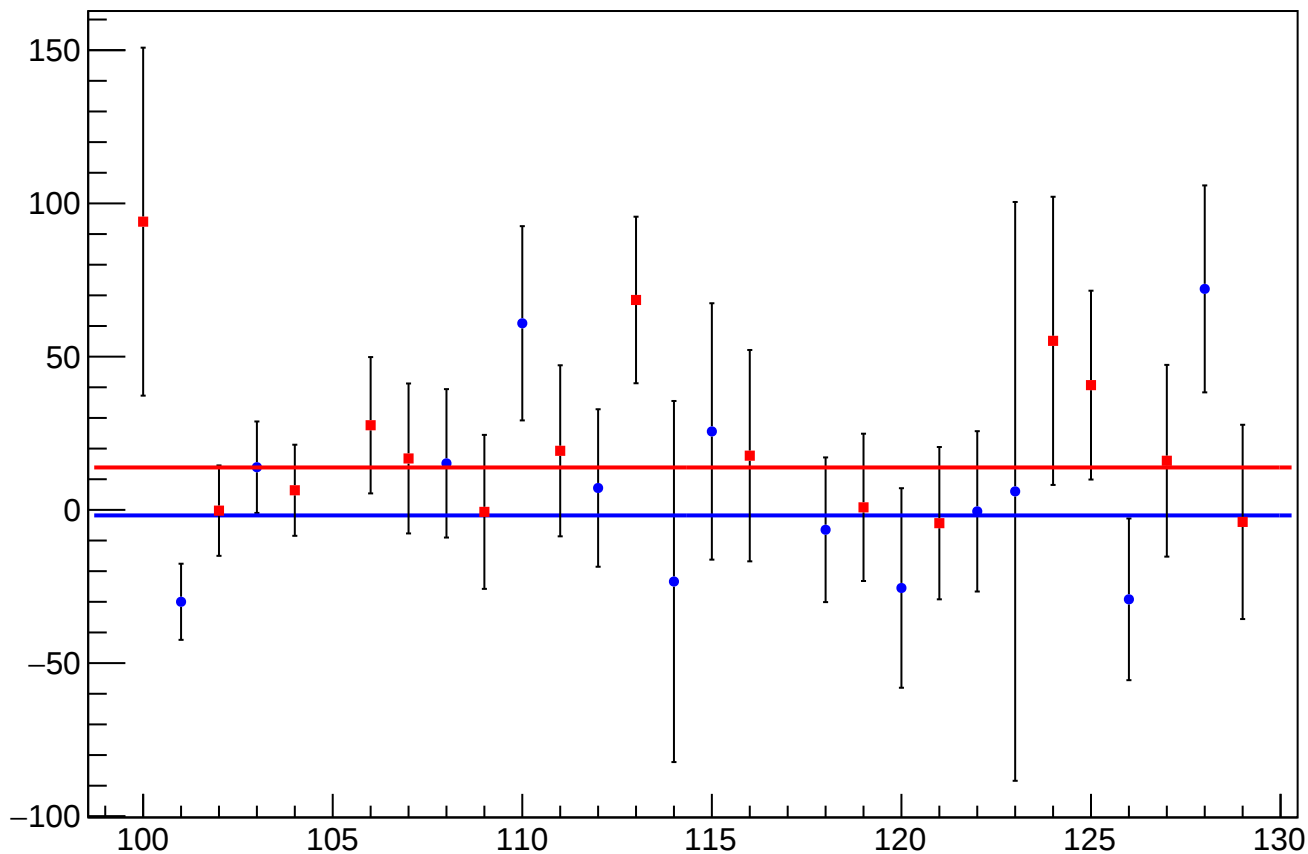
Right: 7210.967+/-1.621 χ^2/NDF : 715023.9/27

In: 7270.444+/-2.417 χ^2/NDF : 289021.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7210.967+/-1.621 χ^2/NDF : 715023.9/27

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -1.808+/-6.641 χ^2/NDF : 17.8/12

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

Right Out: 13.842+/-6.316 χ^2/NDF : 10.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

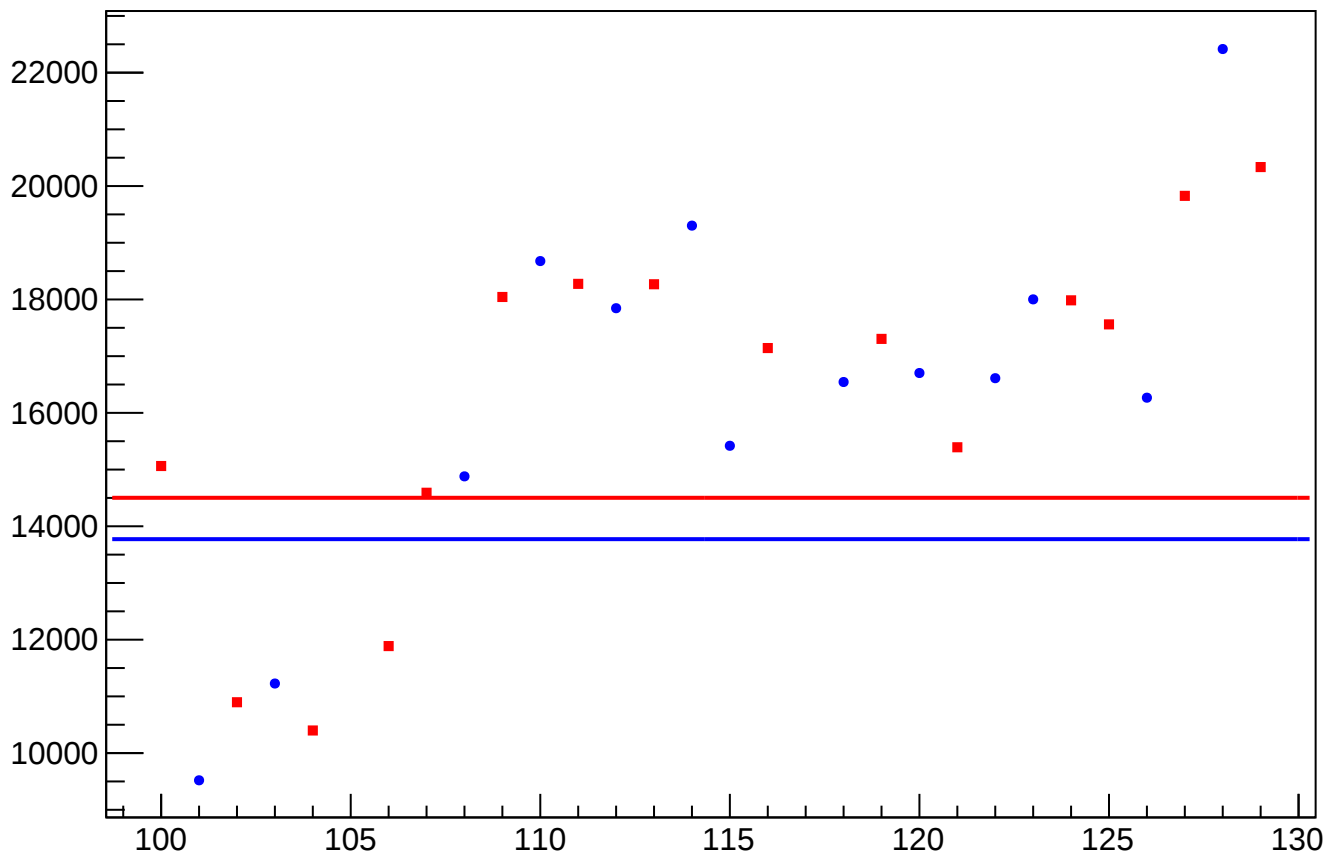
Right: 6.409+/-4.577 χ^2/NDF : 31.4/27

In: -1.808+/-6.641 χ^2/NDF : 17.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.409+/-4.577 χ^2/NDF : 31.4/27

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 13772.817+/-4.696 χ^2/NDF : 635987.1/12

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

Right Out: 14502.320+/-4.466 χ^2/NDF : 612388.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

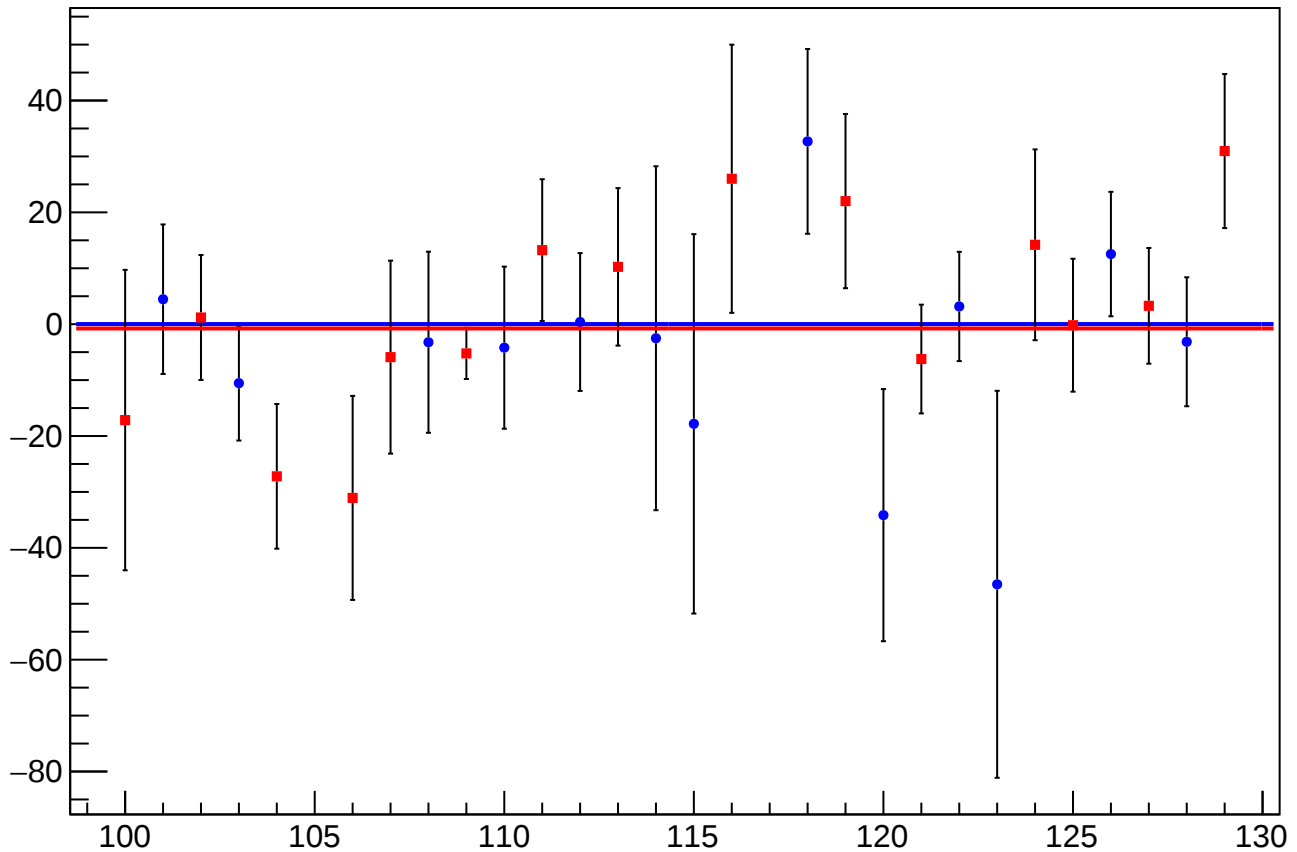
Right: 14155.839+/-3.236 χ^2/NDF : 1261046.1/27

In: 13772.817+/-4.696 χ^2/NDF :635987.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14155.839+/-3.236 χ^2/NDF : 1261046.1/27

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.022+/-3.931 χ^2/NDF : 11.0/12

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

Right Out: -0.769+/-2.860 χ^2/NDF : 20.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

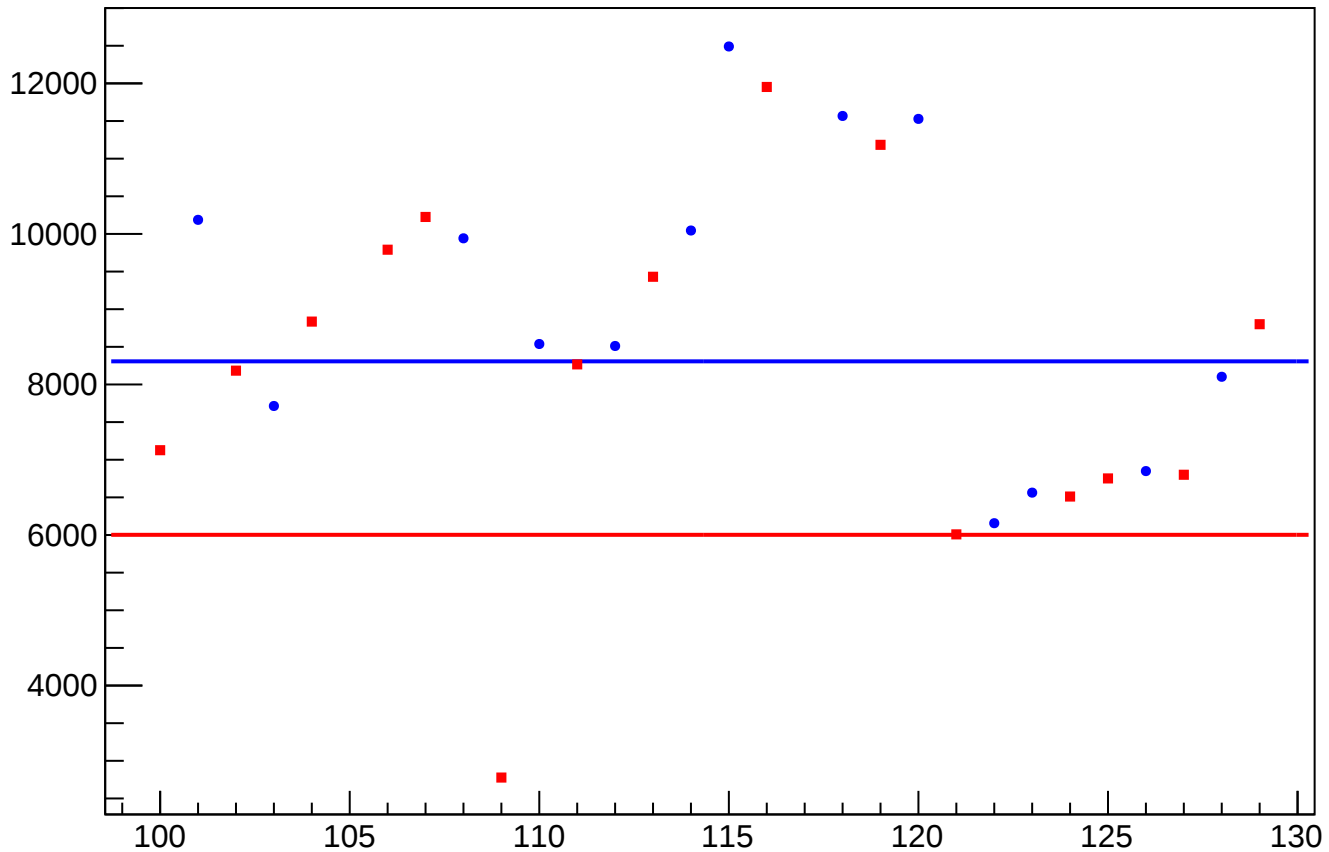
Right: -0.495+/-2.313 χ^2/NDF : 31.2/27

In: 0.022+/-3.931 χ^2/NDF : 11.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.495+/-2.313 χ^2/NDF : 31.2/27

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8307.237+/-2.780 χ^2/NDF : 359981.1/12

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

Right Out: 6002.504+/-2.022 χ^2/NDF : 2005048.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

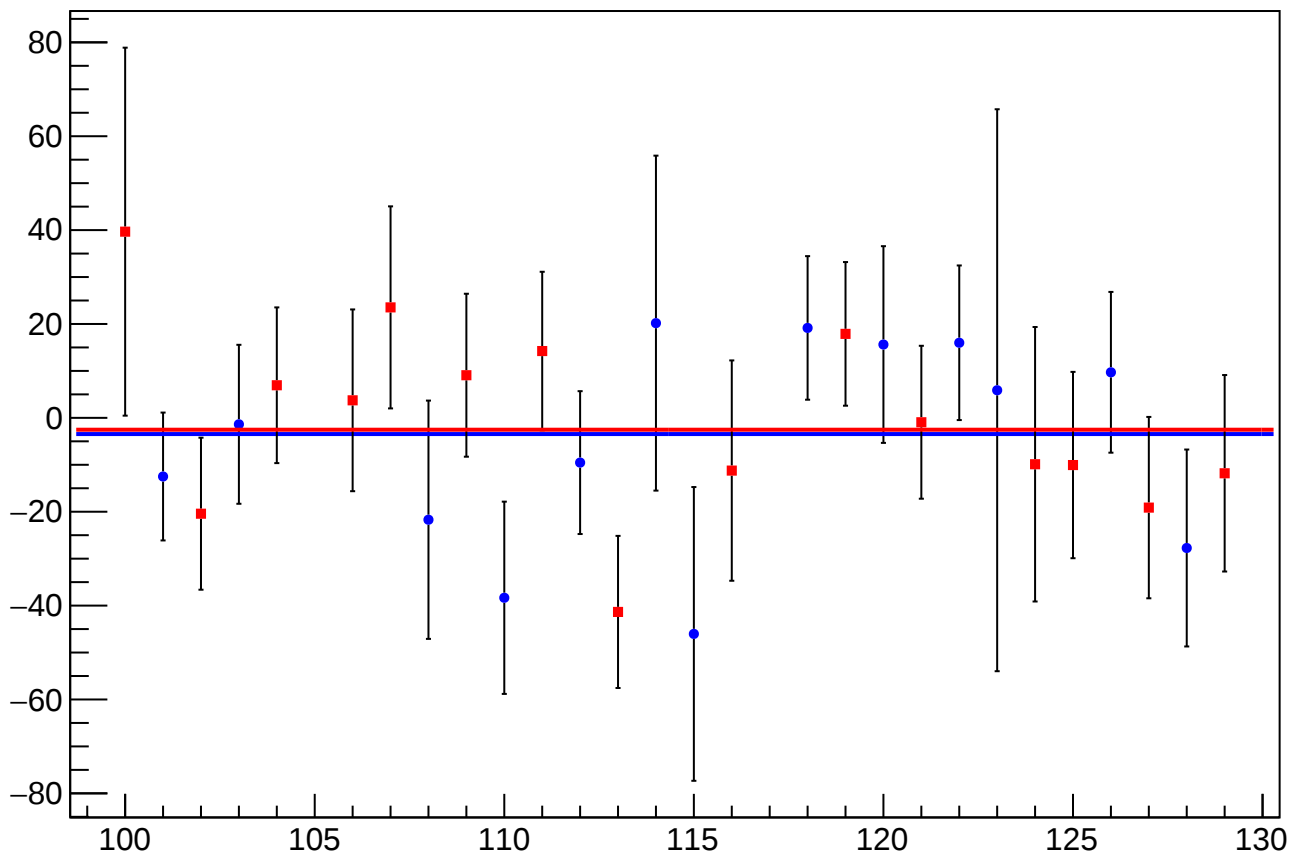
Right: 6800.082+/-1.635 χ^2/NDF : 2814571.7/27

In: 8307.237+/-2.780 χ^2/NDF : 359981.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6800.082+/-1.635 χ^2/NDF : 2814571.7/27

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -3.453+/-5.335 χ^2/NDF : 12.7/12

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

Right Out: -2.526+/-4.875 χ^2/NDF : 14.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

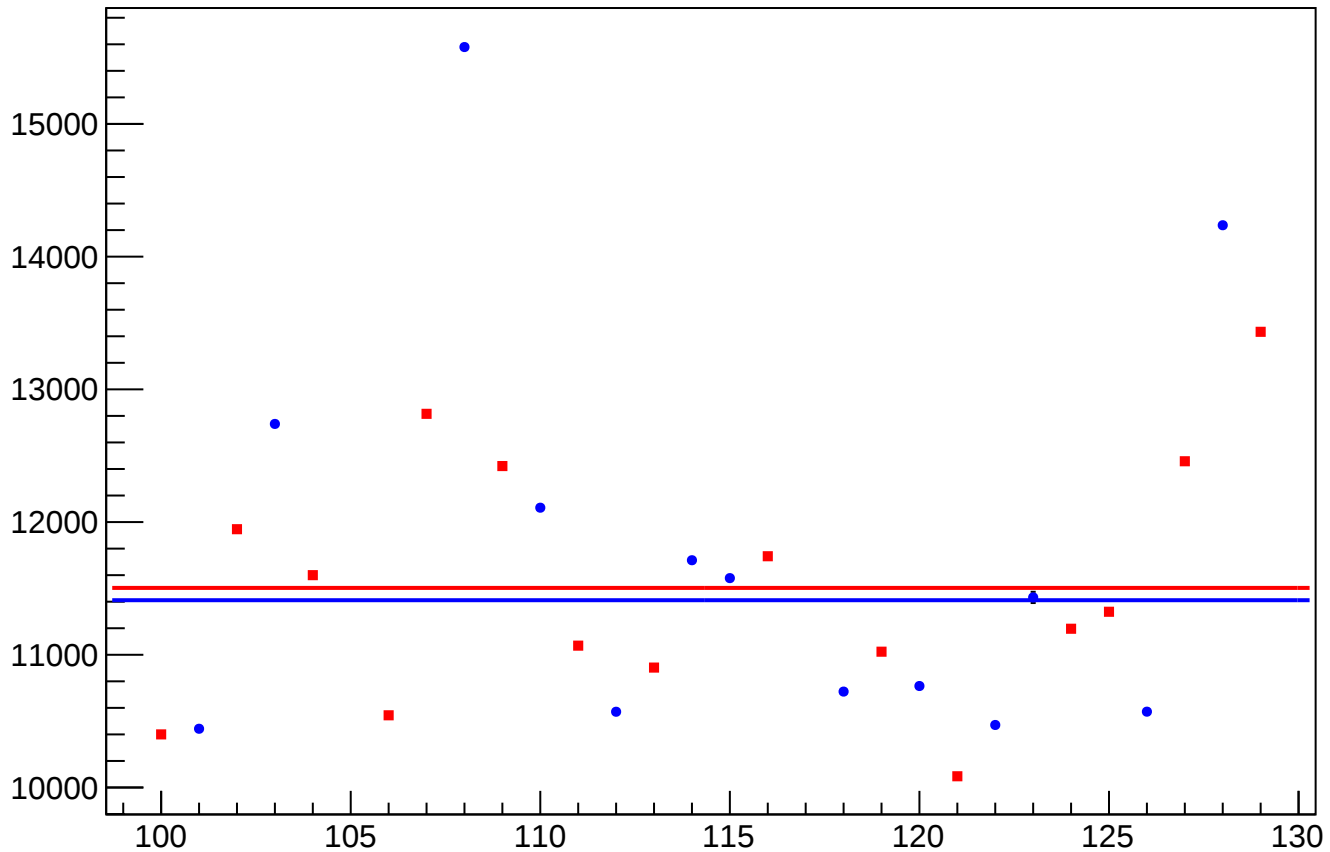
Right: -2.948+/-3.599 χ^2/NDF : 27.2/27

In: -3.453+/-5.335 χ^2/NDF : 12.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.948+/-3.599 χ^2/NDF : 27.2/27

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11411.221+/-3.772 χ^2/NDF : 138516.5/12

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

Right Out: 11503.967+/-3.447 χ^2/NDF : 64782.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

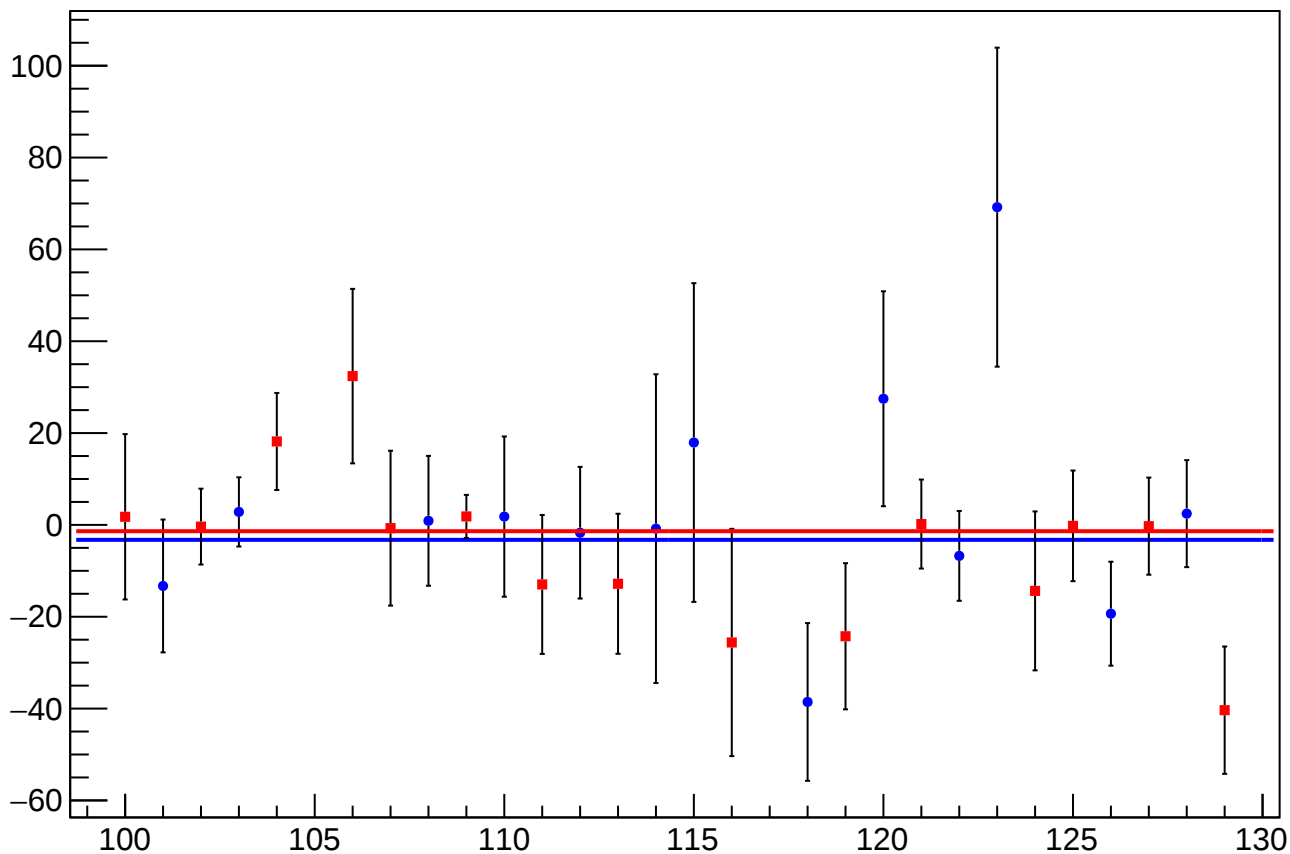
Right: 11461.764+/-2.545 χ^2/NDF : 203628.2/27

In: 11411.221+/-3.772 χ^2/NDF : 138516.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11461.764+/-2.545 χ^2/NDF : 203628.2/27

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -3.251+/-3.809 χ^2/NDF : 14.4/12

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

Right Out: -1.369+/-2.798 χ^2/NDF : 19.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

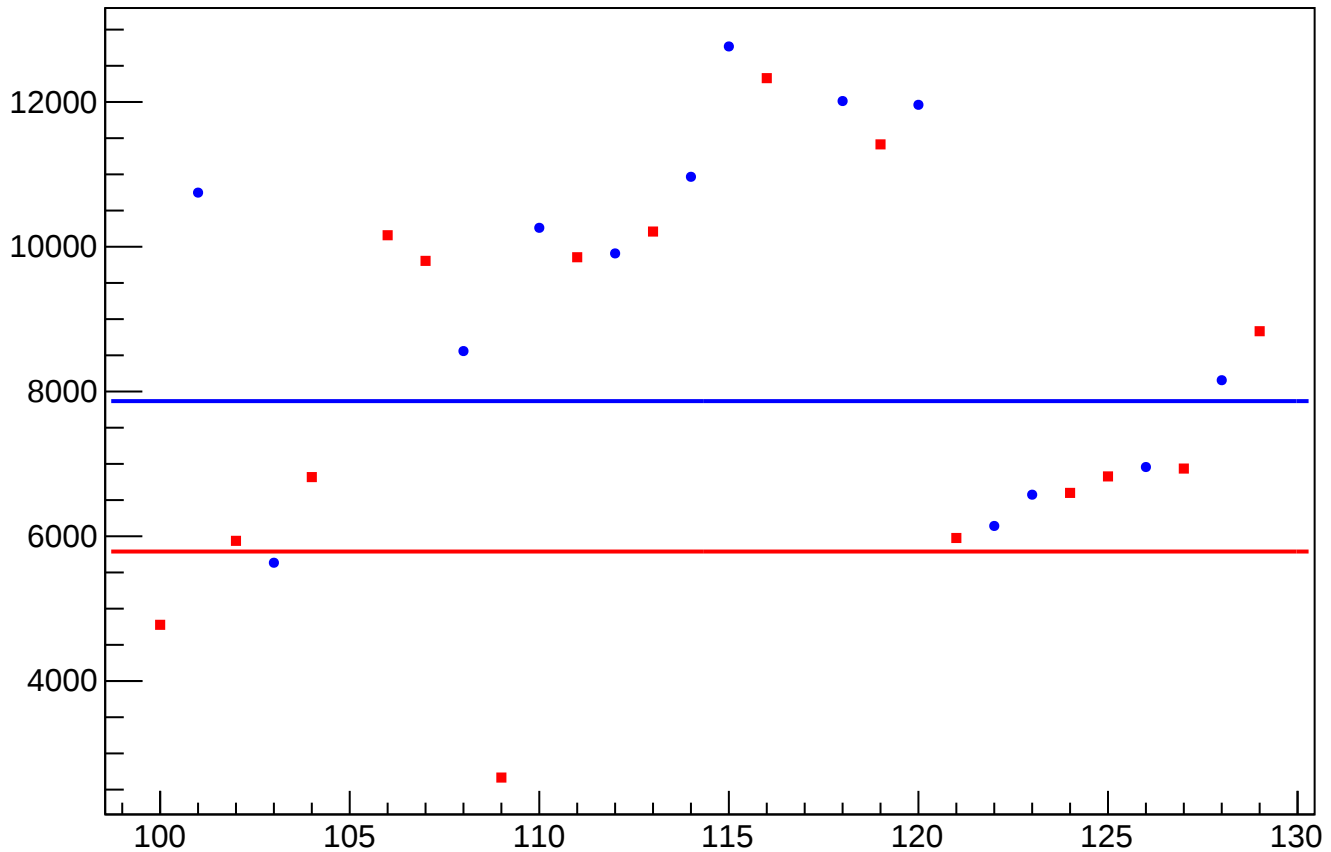
Right: -2.028+/-2.255 χ^2/NDF : 34.3/27

In: -3.251+/-3.809 χ^2/NDF : 14.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.028+/-2.255 χ^2/NDF : 34.3/27

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 7867.347+/-2.694 χ^2/NDF : 651464.8/12

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

Right Out: 5789.157+/-1.978 χ^2/NDF : 1974713.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

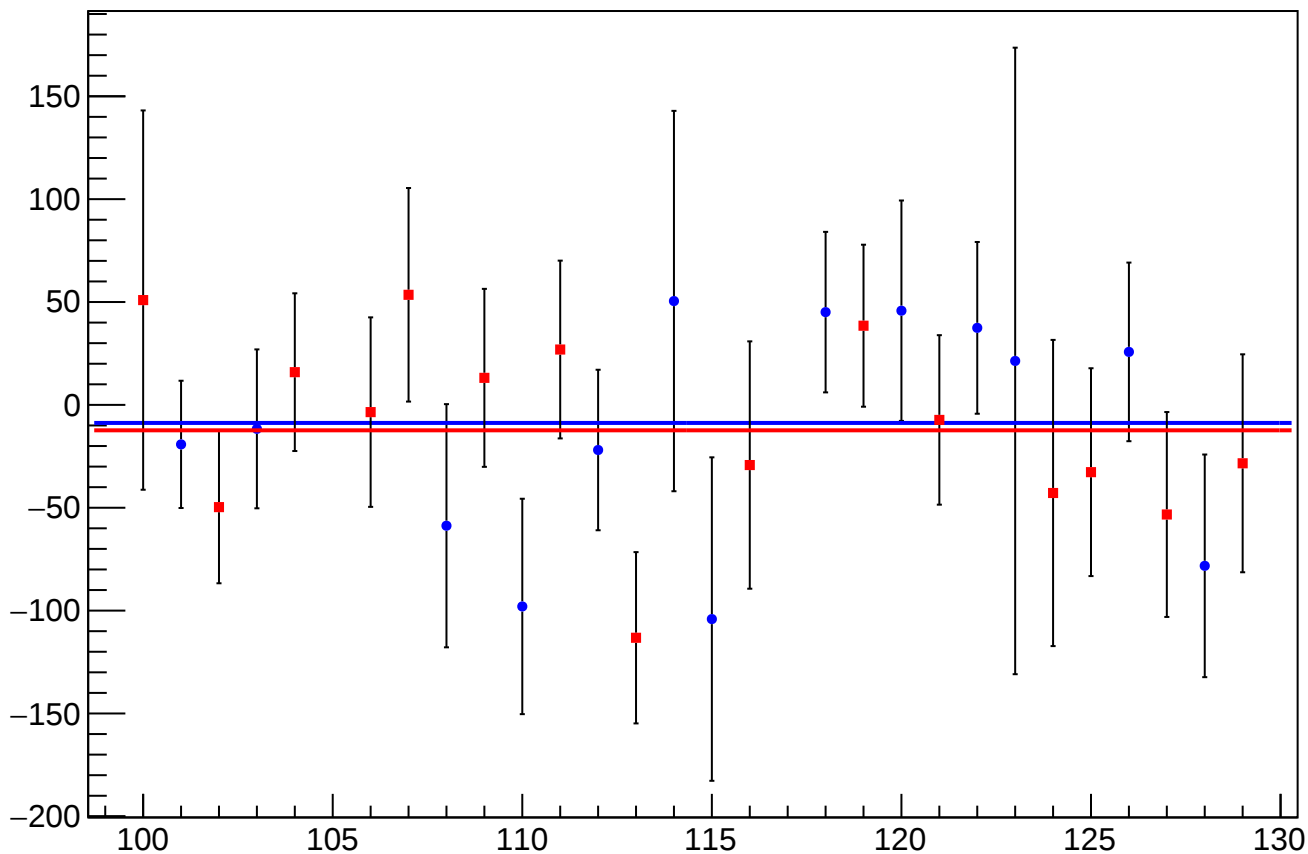
Right: 6517.264+/-1.594 χ^2/NDF : 3012865.8/27

In: 7867.347+/-2.694 χ^2/NDF : 651464.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6517.264+/-1.594 χ^2/NDF : 3012865.8/27

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -8.774+/-13.133 χ^2/NDF : 12.2/12

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

Right Out: -12.364+/-12.073 χ^2/NDF : 13.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

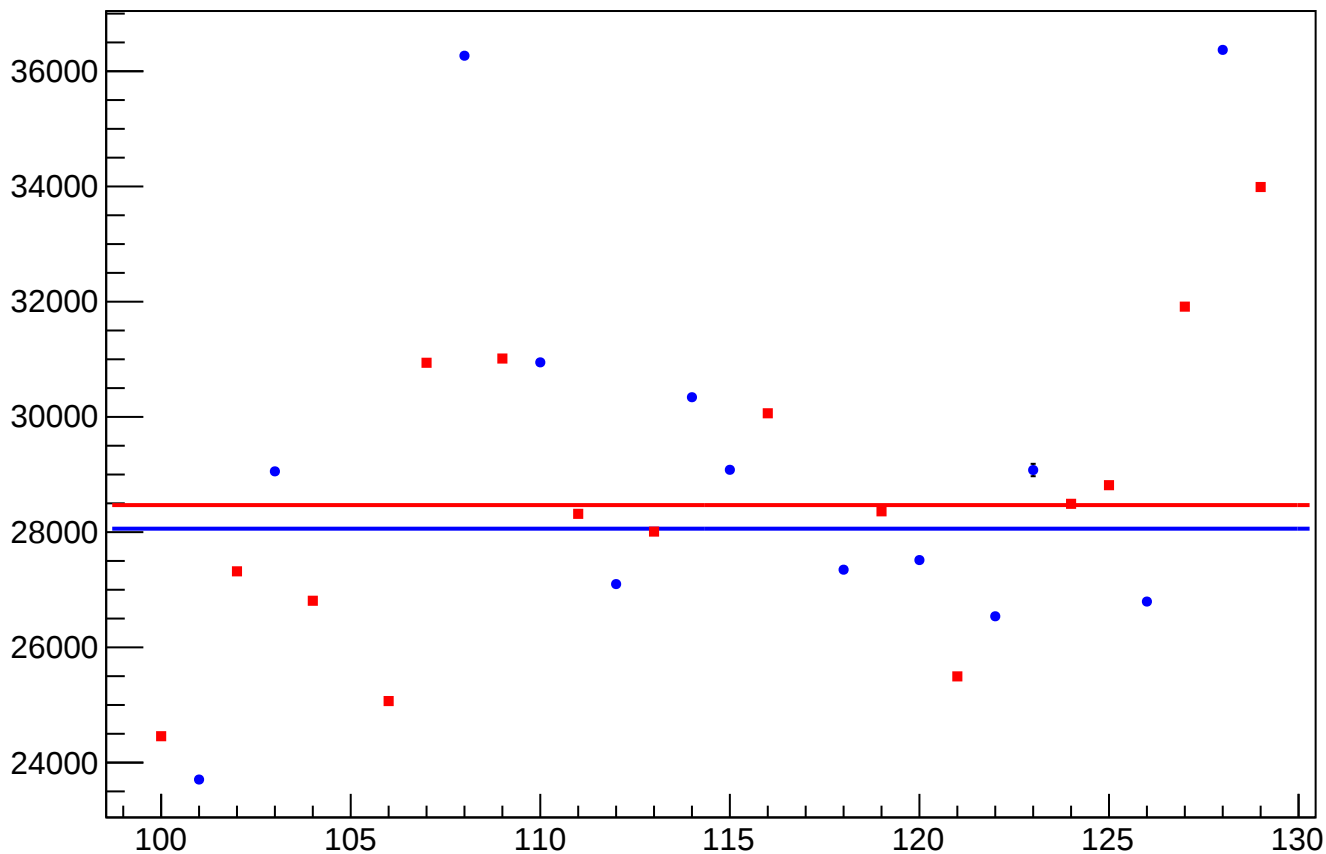
Right: -10.720+/-8.888 χ^2/NDF : 25.8/27

In: -8.774+/-13.133 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.720+/-8.888 χ^2/NDF : 25.8/27

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 28060.082+/-9.287 χ^2/NDF : 140892.0/12

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

Right Out: 28469.518+/-8.537 χ^2/NDF : 75318.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

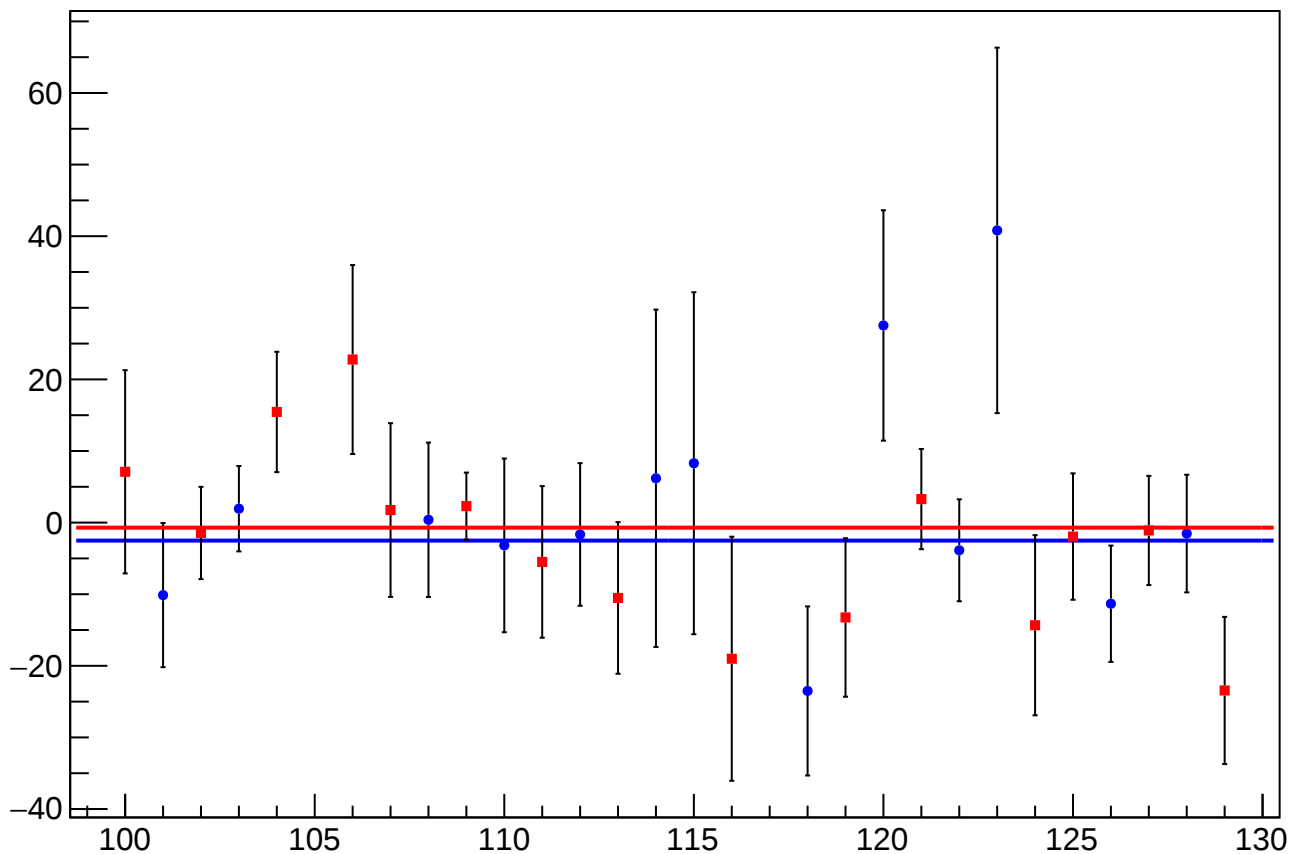
Right: 28281.992+/-6.285 χ^2/NDF : 217263.5/27

In: 28060.082+/-9.287 χ^2/NDF : 140892.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28281.992+/-6.285 χ^2/NDF : 217263.5/27

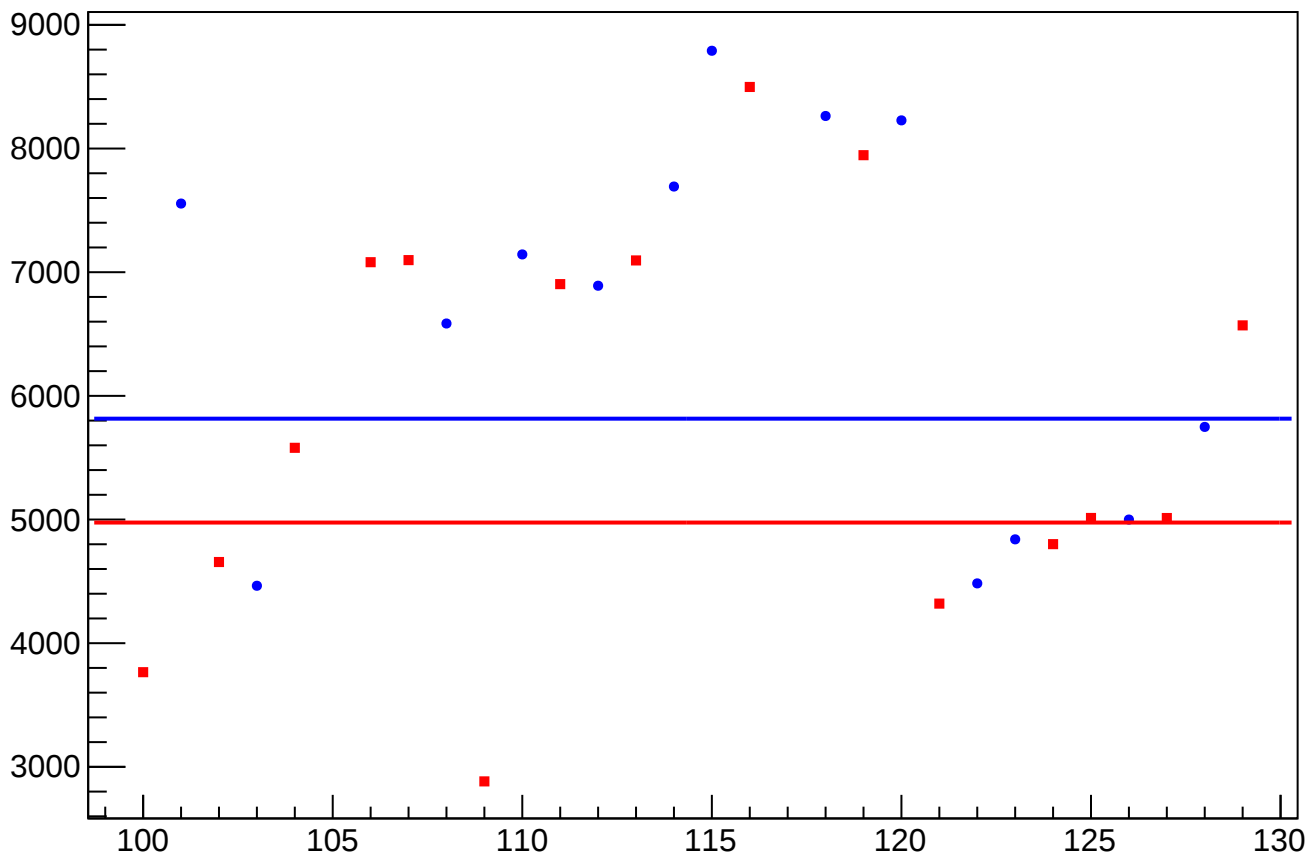
diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -2.511+/-2.781 χ^2/NDF : 12.3/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.703+/-2.252 χ^2/NDF : 17.5/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -1.419+/-1.750 χ^2/NDF : 30.1/27
 In: -2.511+/-2.781 χ^2/NDF : 12.3/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -1.419+/-1.750 χ^2/NDF : 30.1/27

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5815.577+/-1.966 χ^2/NDF : 487823.3/12

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

Right Out: 4975.524+/-1.593 χ^2/NDF : 984126.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

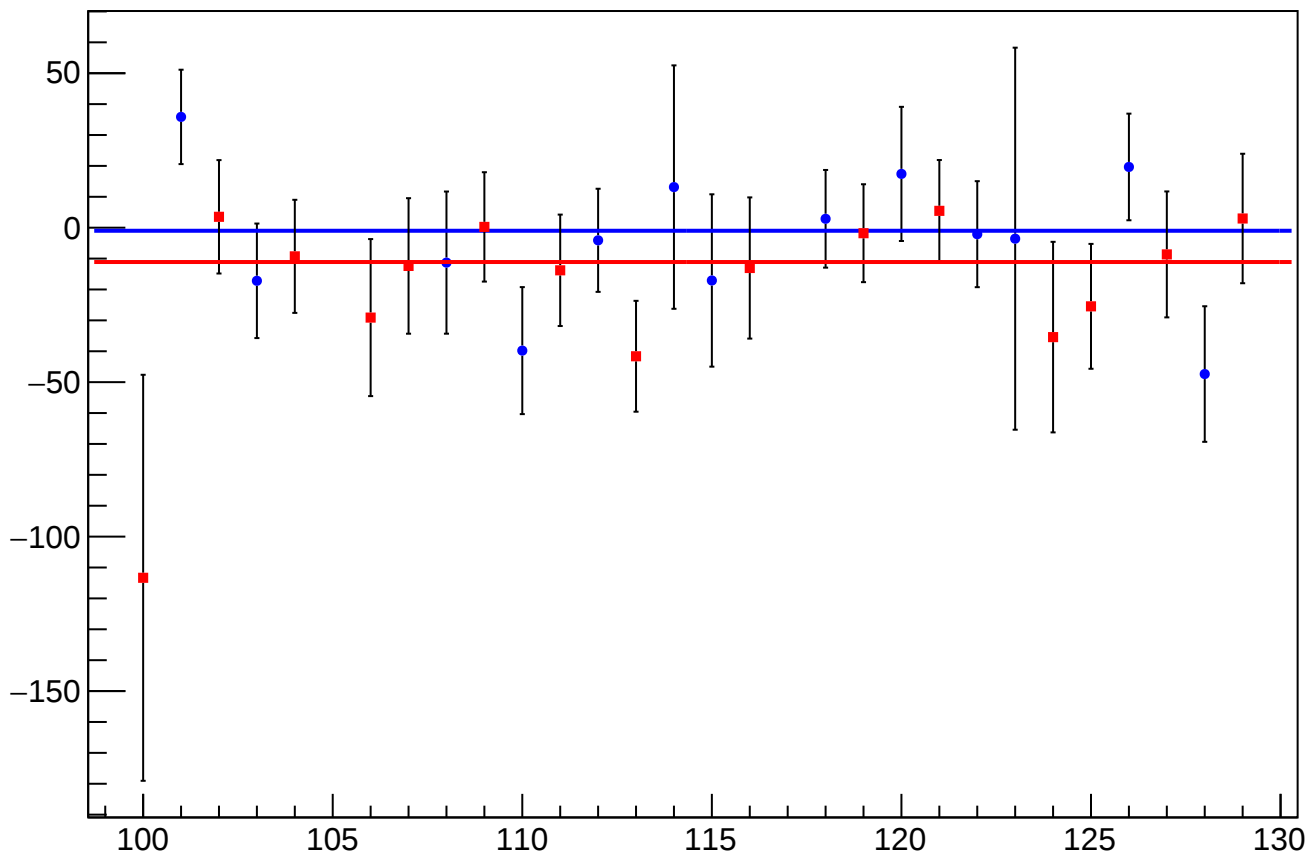
Right: 5308.306+/-1.238 χ^2/NDF : 1582158.5/27

In: 5815.577+/-1.966 χ^2/NDF : 487823.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5308.306+/-1.238 χ^2/NDF : 1582158.5/27

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.996 ± 5.574 $\chi^2/\text{NDF}: 17.5/12$

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

Right Out: -11.113 ± 5.202 $\chi^2/\text{NDF}: 9.9/14$

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

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

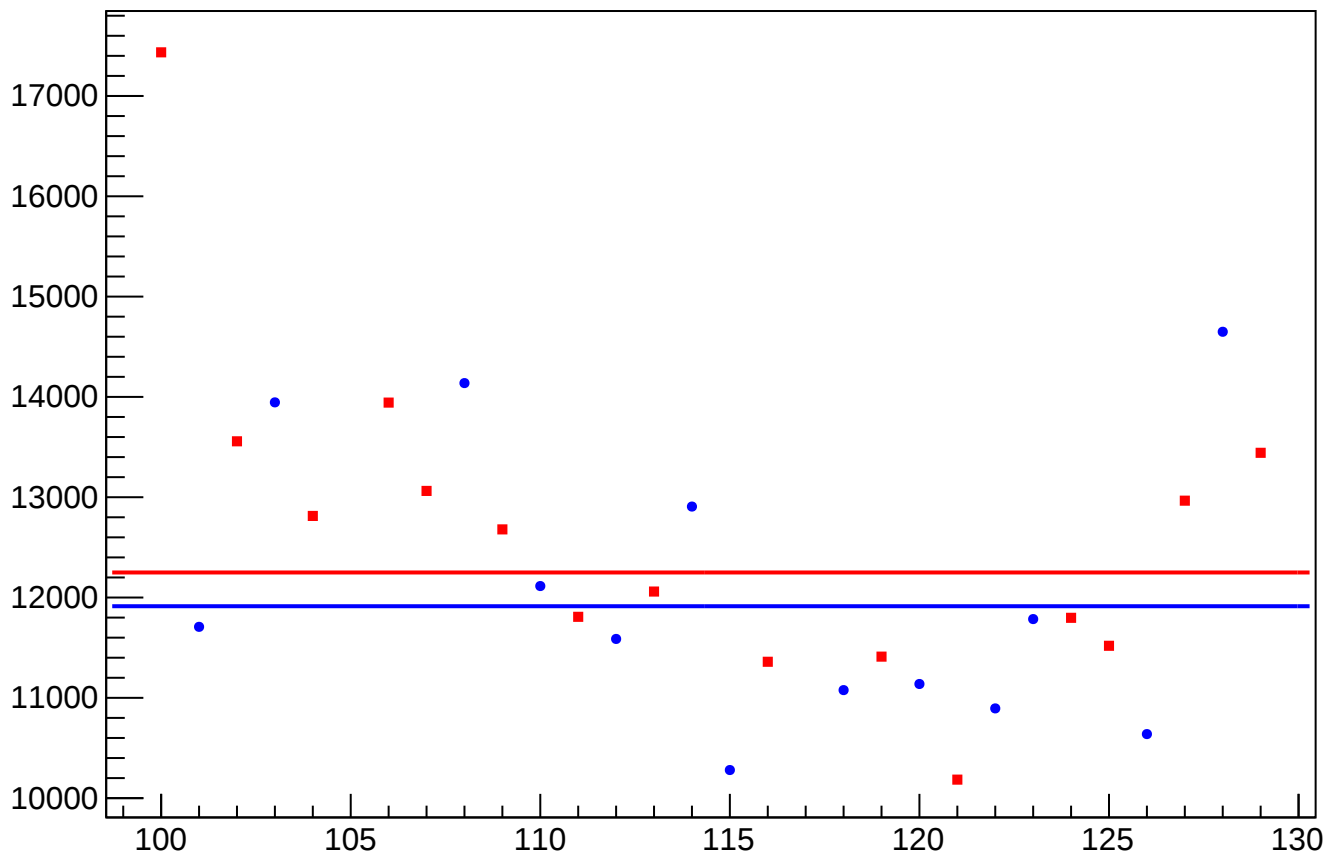
Right: -6.403 ± 3.803 $\chi^2/\text{NDF}: 29.1/27$

In: -0.996 ± 5.574 $\chi^2/\text{NDF}: 17.5/12$

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

All: -6.403 ± 3.803 $\chi^2/\text{NDF}: 29.1/27$

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 11913.346+/-3.941 χ^2/NDF : 109377.7/12

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

Right Out: 12249.758+/-3.678 χ^2/NDF : 90876.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

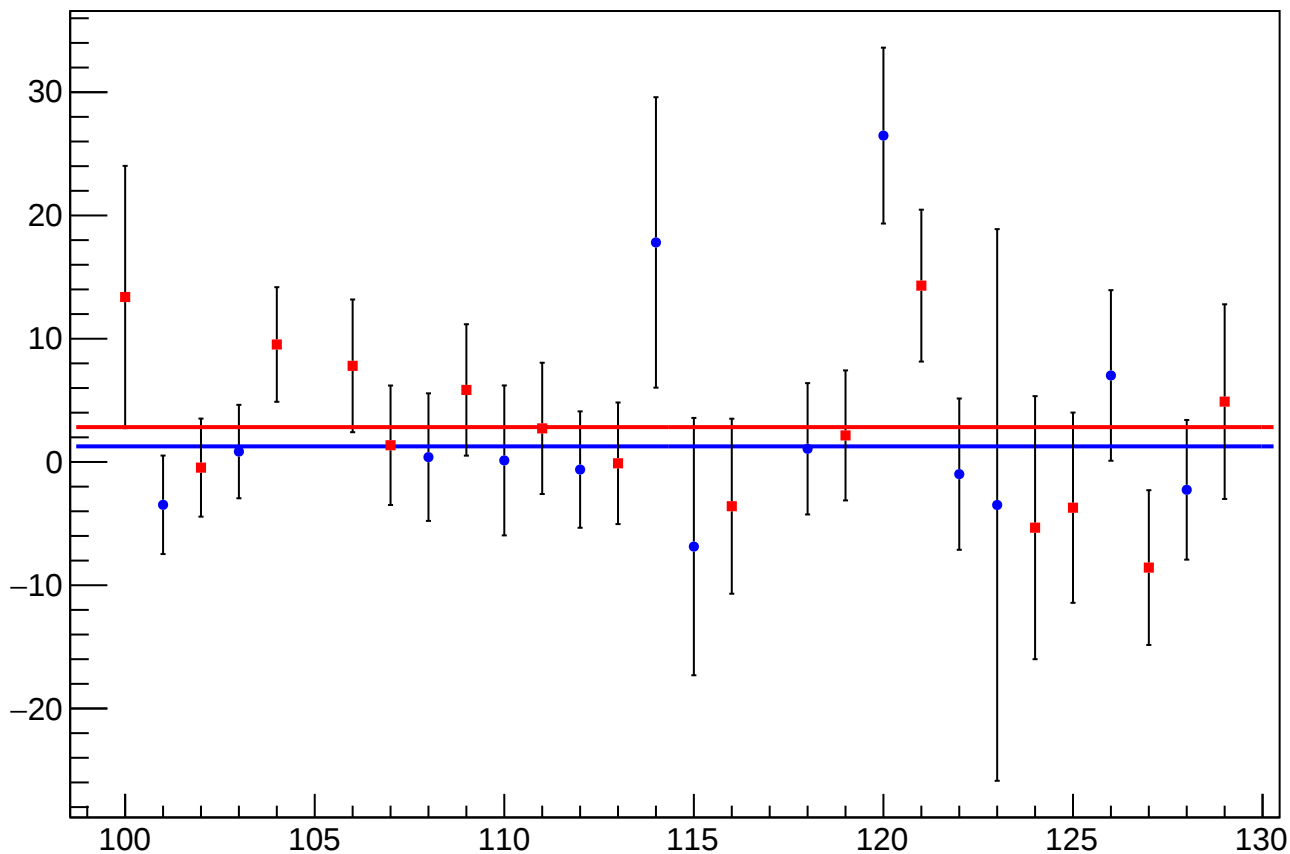
Right: 12093.159+/-2.689 χ^2/NDF : 204148.1/27

In: 11913.346+/-3.941 χ^2/NDF : 109377.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12093.159+/-2.689 χ^2/NDF : 204148.1/27

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 1.266 $\pm$ 1.594 χ^2/NDF : 18.0/12

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

Right Out: 2.828 $\pm$ 1.481 χ^2/NDF : 14.3/14

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

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

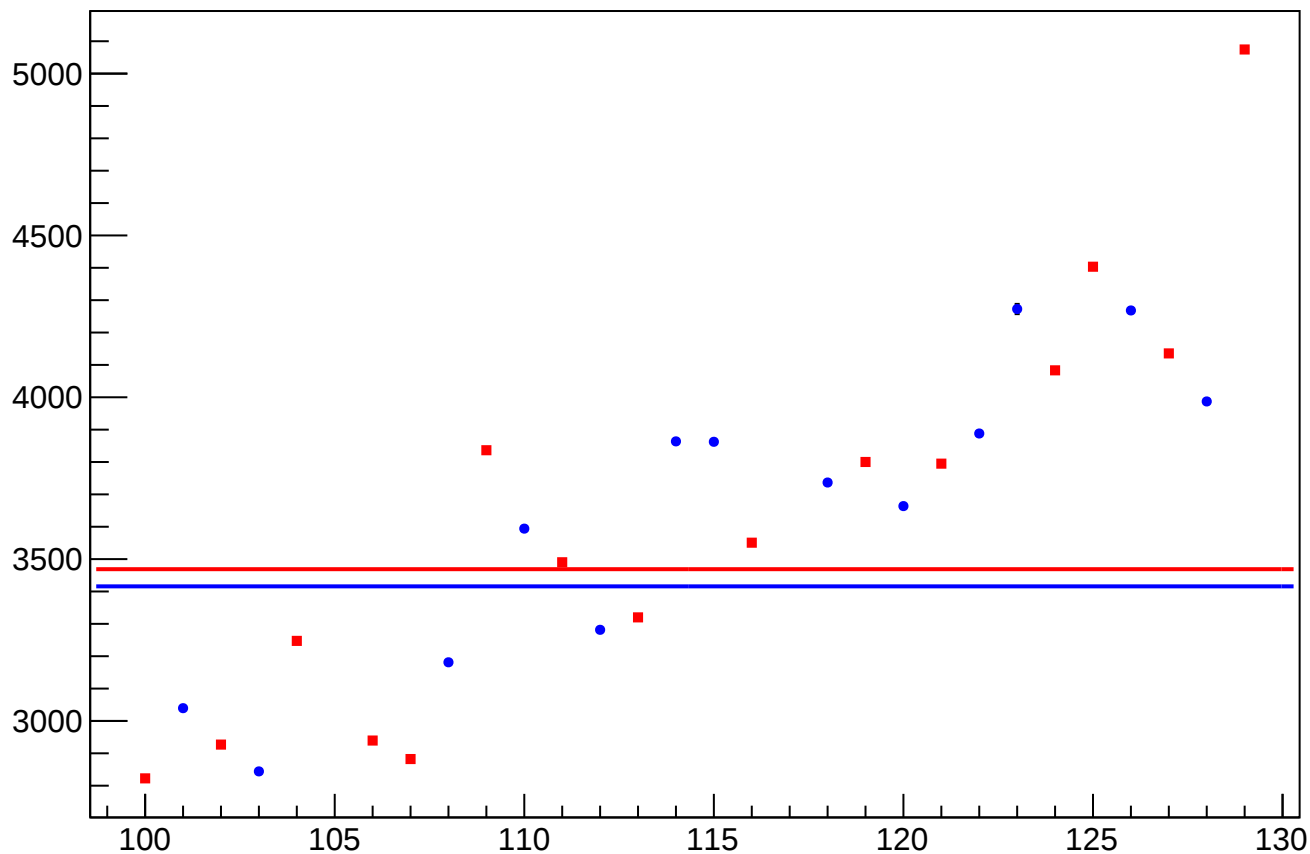
Right: 2.105 $\pm$ 1.085 χ^2/NDF : 32.8/27

In: 1.266 $\pm$ 1.594 χ^2/NDF : 18.0/12

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

All: 2.105 $\pm$ 1.085 χ^2/NDF : 32.8/27

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3415.828+/-1.127 χ^2/NDF : 152372.4/12

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

Right Out: 3468.876+/-1.047 χ^2/NDF : 263976.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

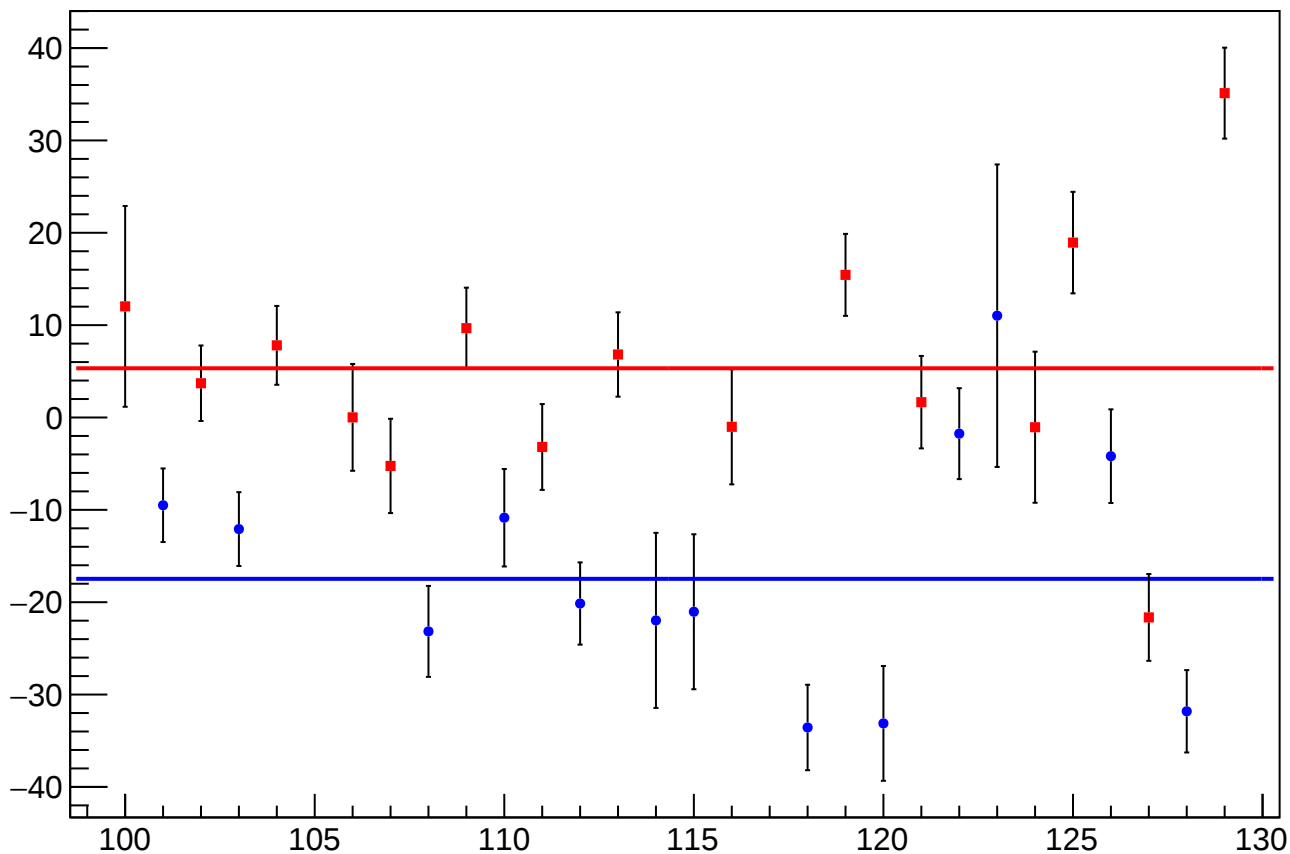
Right: 3444.309+/-0.767 χ^2/NDF : 417537.9/27

In: 3415.828+/-1.127 χ^2/NDF : 152372.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3444.309+/-0.767 χ^2/NDF : 417537.9/27

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -17.470+/-1.436 χ^2/NDF : 58.4/12

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

Right Out: 5.330+/-1.303 χ^2/NDF : 93.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

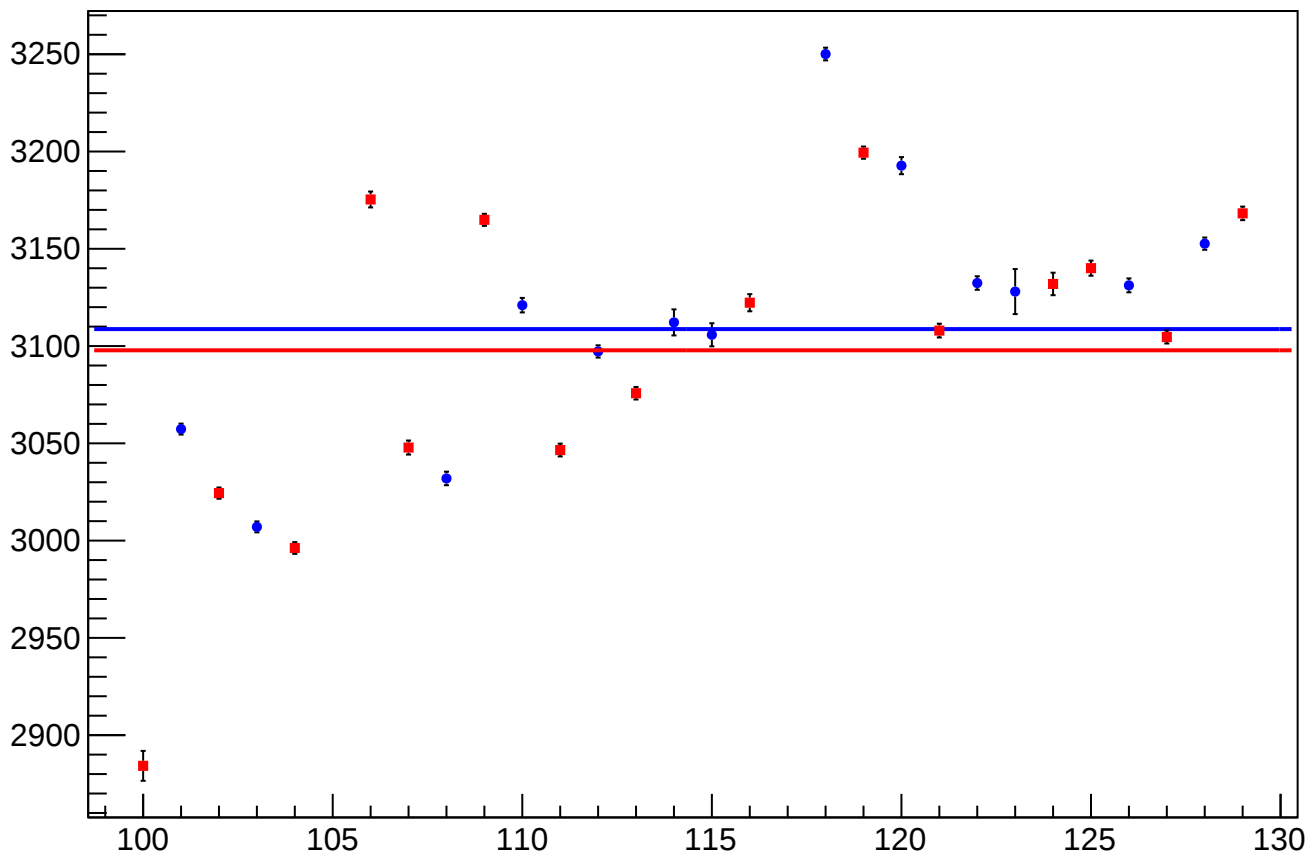
Right: -4.971+/-0.965 χ^2/NDF : 290.2/27

In: -17.470+/-1.436 χ^2/NDF :58.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.971+/-0.965 χ^2/NDF : 290.2/27

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3108.724+/-1.015 χ^2/NDF : 4652.9/12

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

Right Out: 3097.818+/-0.922 χ^2/NDF : 5512.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

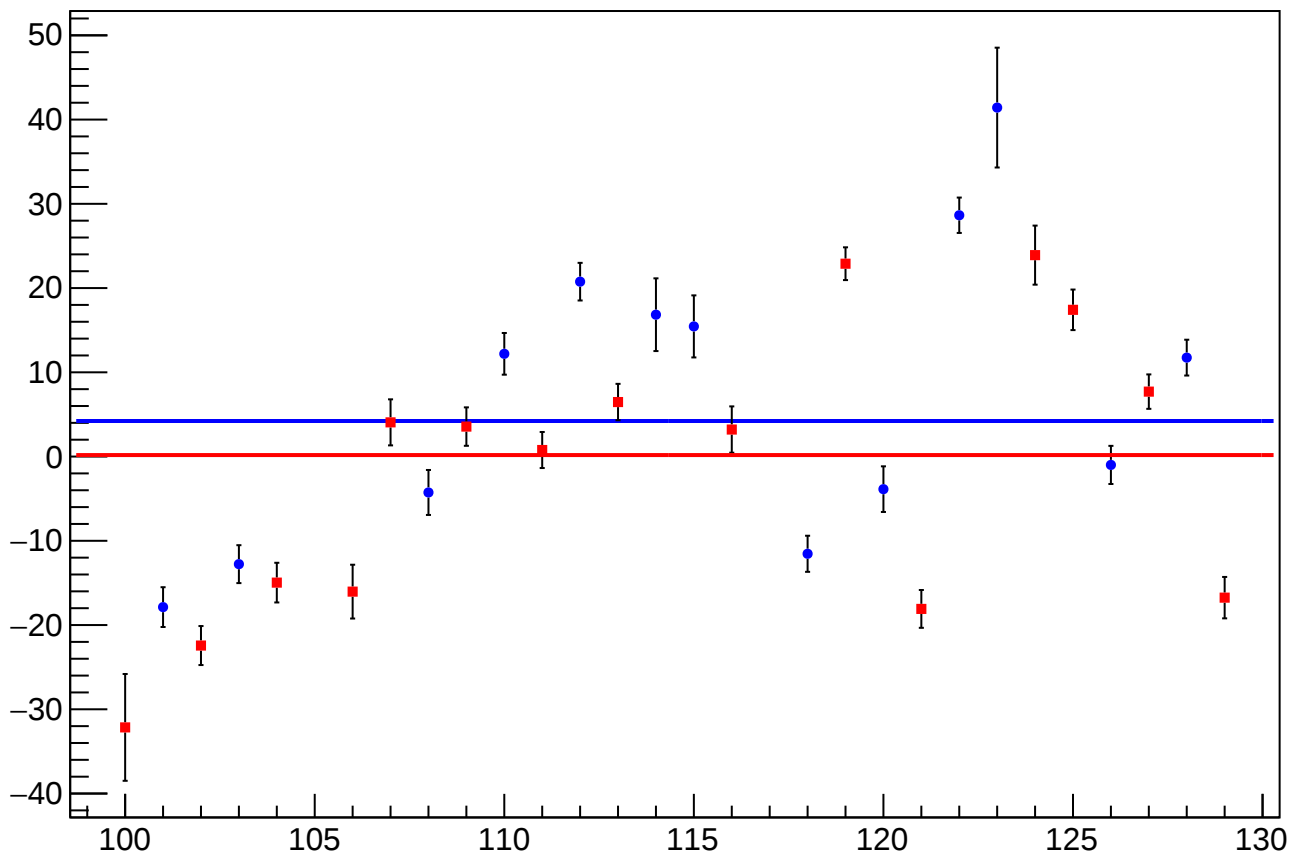
Right: 3102.746+/-0.682 χ^2/NDF : 10228.8/27

In: 3108.724+/-1.015 χ^2/NDF : 4652.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3102.746+/-0.682 χ^2/NDF : 10228.8/27

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 4.220+/-0.703 χ^2/NDF : 481.2/12

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

Right Out: 0.177+/-0.632 χ^2/NDF : 563.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

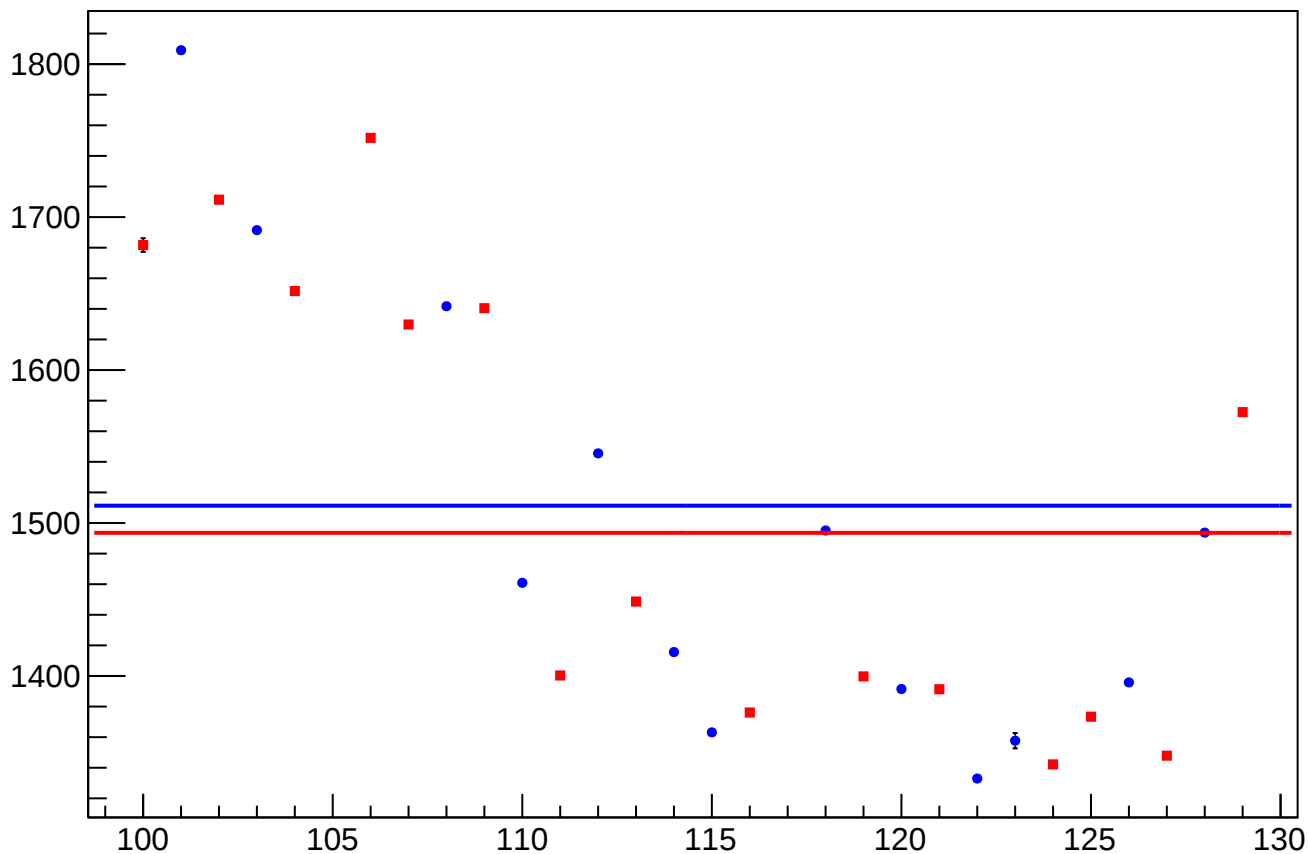
Right: 1.985+/-0.470 χ^2/NDF : 1062.8/27

In: 4.220+/-0.703 χ^2/NDF :481.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.985+/-0.470 χ^2/NDF : 1062.8/27

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1511.335+/-0.497 χ^2/NDF : 79652.6/12

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

Right Out: 1493.591+/-0.447 χ^2/NDF : 92883.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

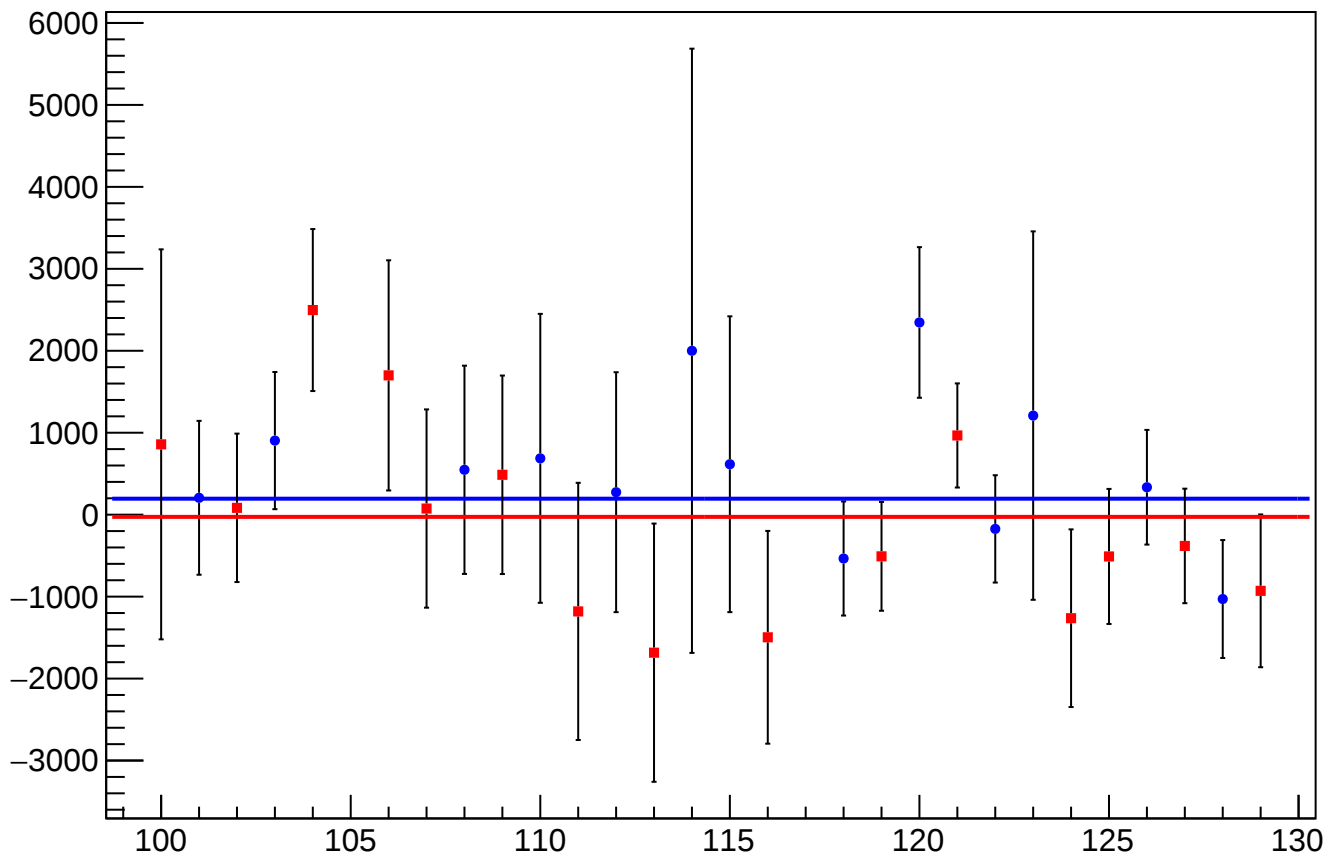
Right: 1501.527+/-0.332 χ^2/NDF : 173240.6/27

In: 1511.335+/-0.497 χ^2/NDF : 79652.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1501.527+/-0.332 χ^2/NDF : 173240.6/27

asym_sam1_mean vs Slug, Sign Corrected



Right In: 195.086+/-266.272 χ^2/NDF : 11.2/12

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

Right Out: -26.717+/-250.272 χ^2/NDF : 17.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

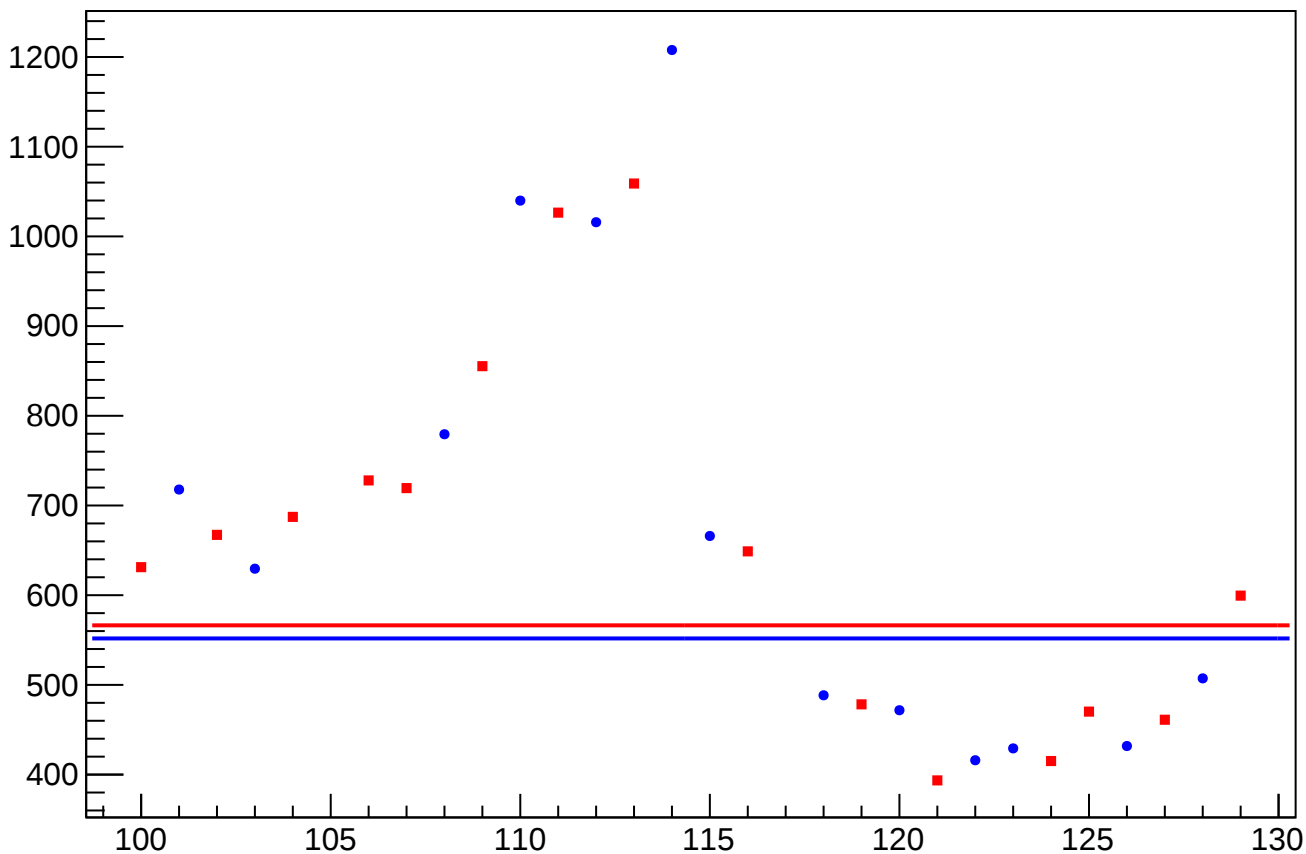
Right: 77.321+/-182.363 χ^2/NDF : 28.7/27

In: 195.086+/-266.272 χ^2/NDF : 11.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.321+/-182.363 χ^2/NDF : 28.7/27

asym_sam1_rms vs Slug, Sign Corrected



Right In: 551.780+/-0.188 χ^2/NDF : 759784.4/12

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

Right Out: 566.389+/-0.177 χ^2/NDF : 901505.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

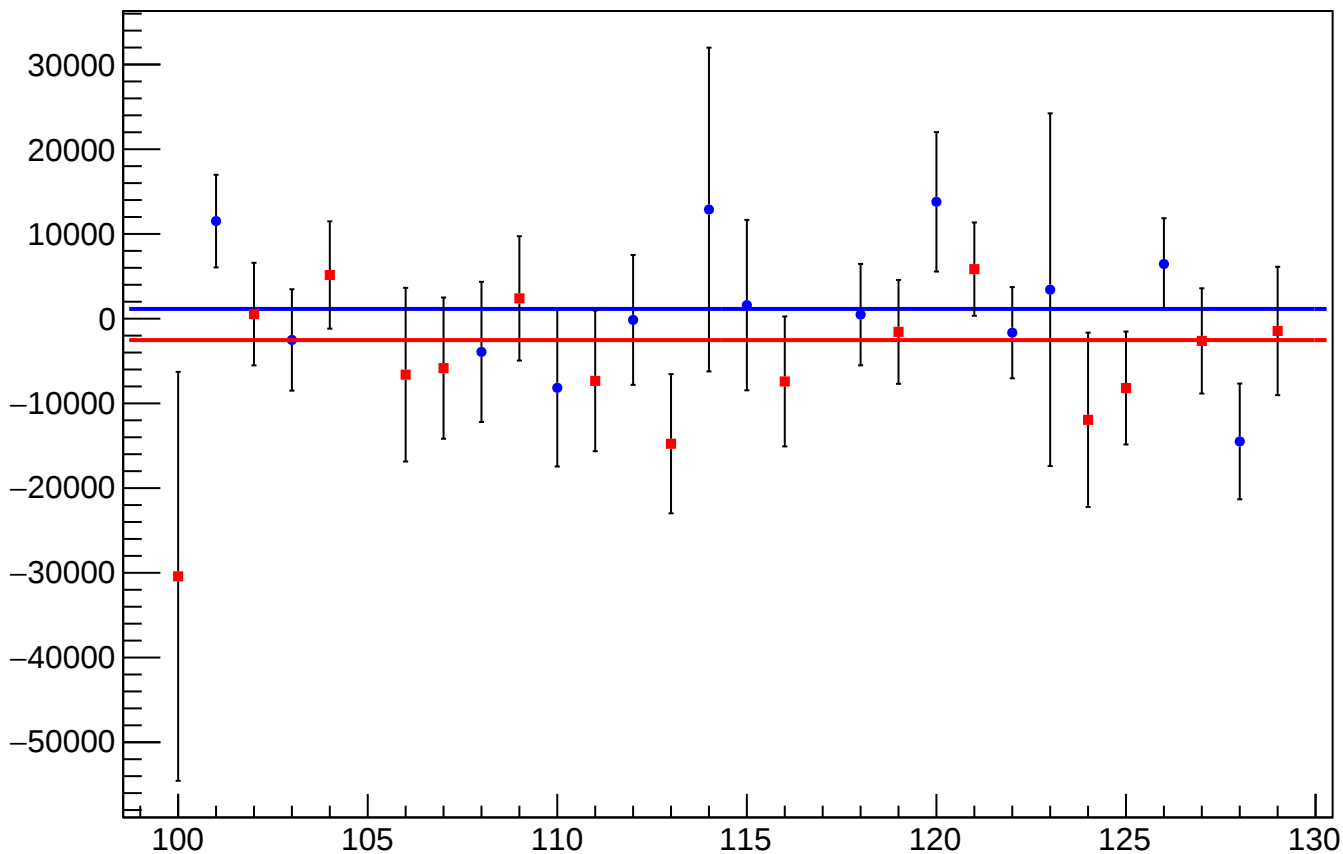
Right: 559.537+/-0.129 χ^2/NDF : 1664486.7/27

In: 551.780+/-0.188 χ^2/NDF : 759784.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 559.537+/-0.129 χ^2/NDF : 1664486.7/27

asym_sam2_mean vs Slug, Sign Corrected



Right In: 1148.949+/-1990.591 χ^2/NDF : 14.6/12

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

Right Out: -2527.907+/-1898.006 χ^2/NDF : 10.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

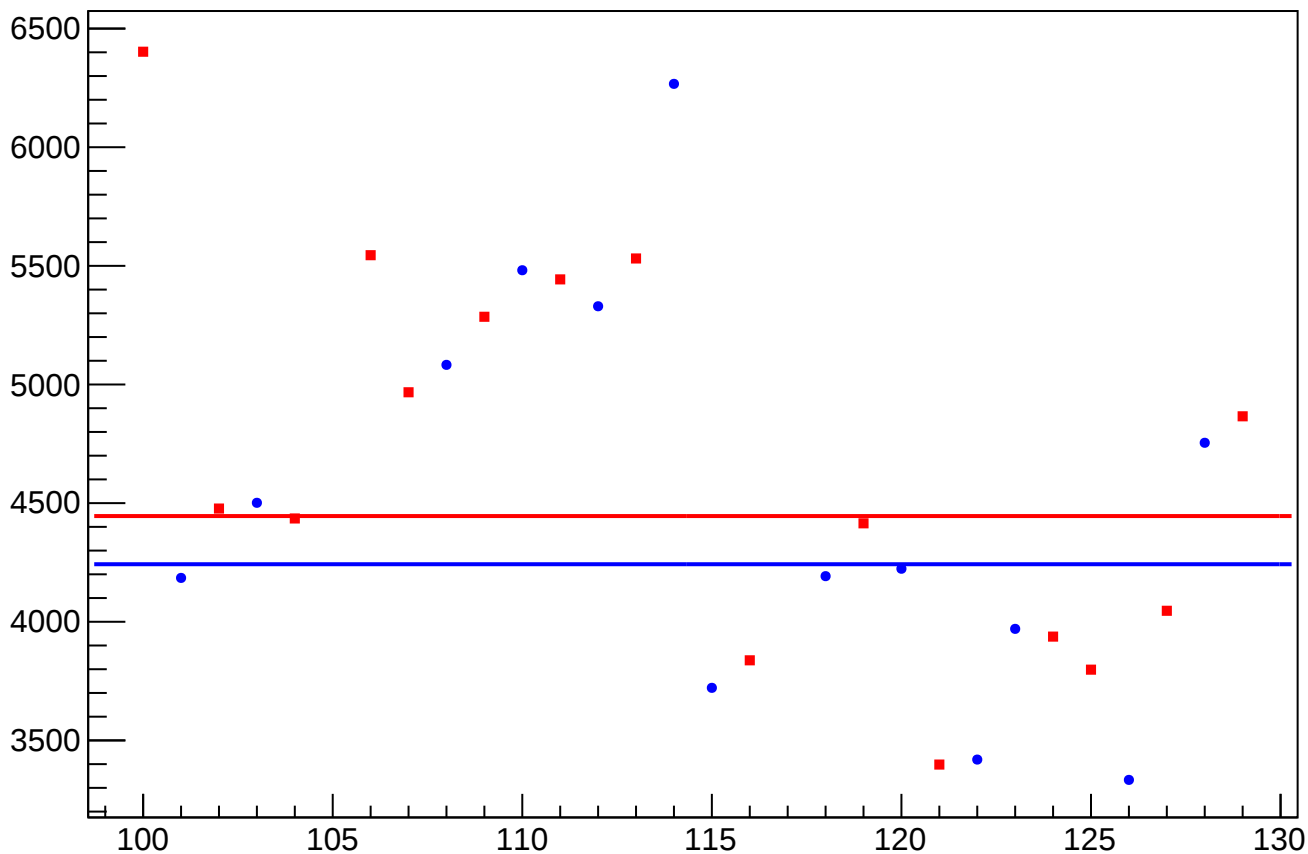
Right: -776.973+/-1373.658 χ^2/NDF : 27.1/27

In: 1148.949+/-1990.591 χ^2/NDF : 14.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -776.973+/-1373.658 χ^2/NDF : 27.1/27

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4242.520+/-1.408 χ^2/NDF : 243238.8/12

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

Right Out: 4445.518+/-1.342 χ^2/NDF : 257110.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

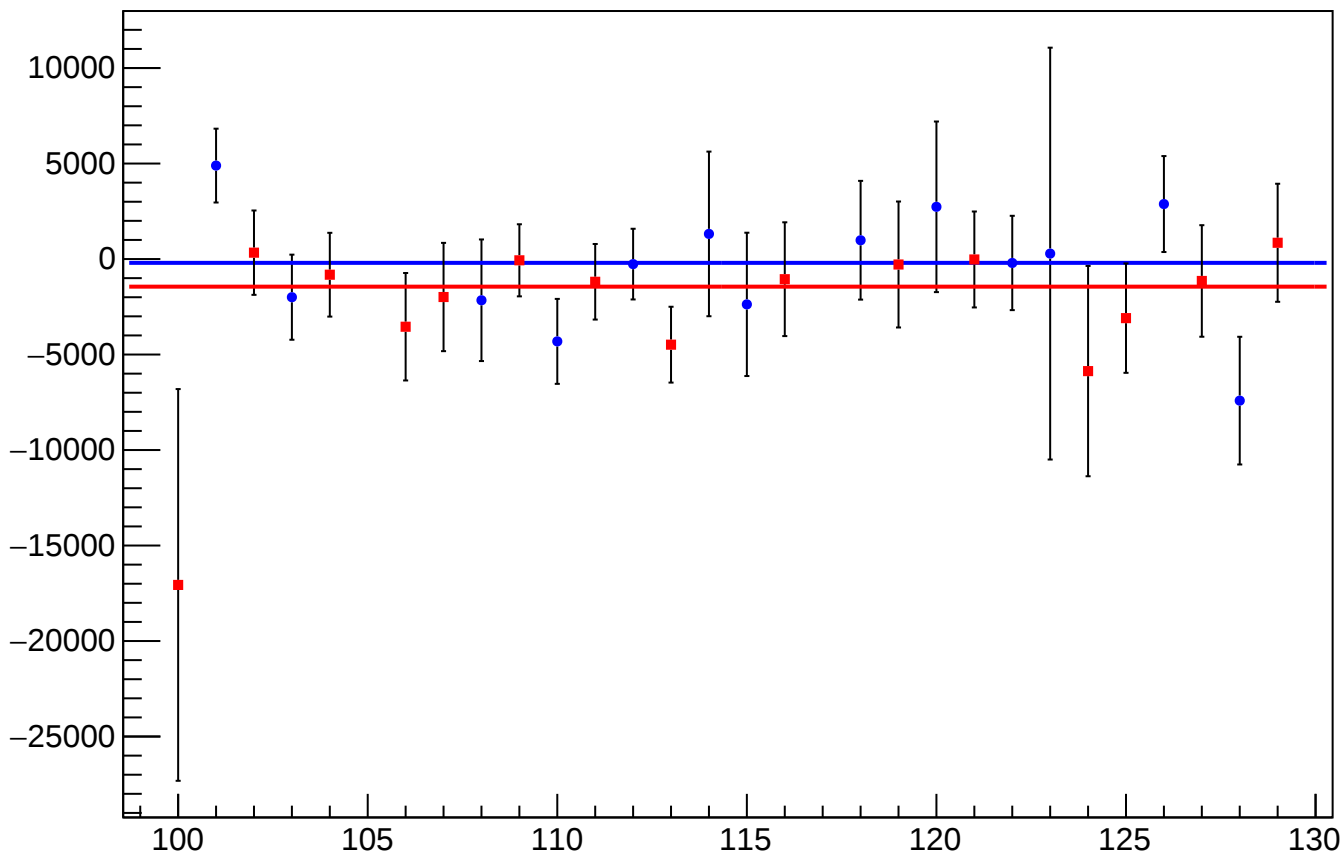
Right: 4348.849+/-0.971 χ^2/NDF : 511243.6/27

In: 4242.520+/-1.408 χ^2/NDF : 243238.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4348.849+/-0.971 χ^2/NDF : 511243.6/27

asym_sam3_mean vs Slug, Sign Corrected



Right In: -199.643 ± 753.530 χ^2/NDF : 18.6/12

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

Right Out: -1445.654 ± 673.720 χ^2/NDF : 8.5/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

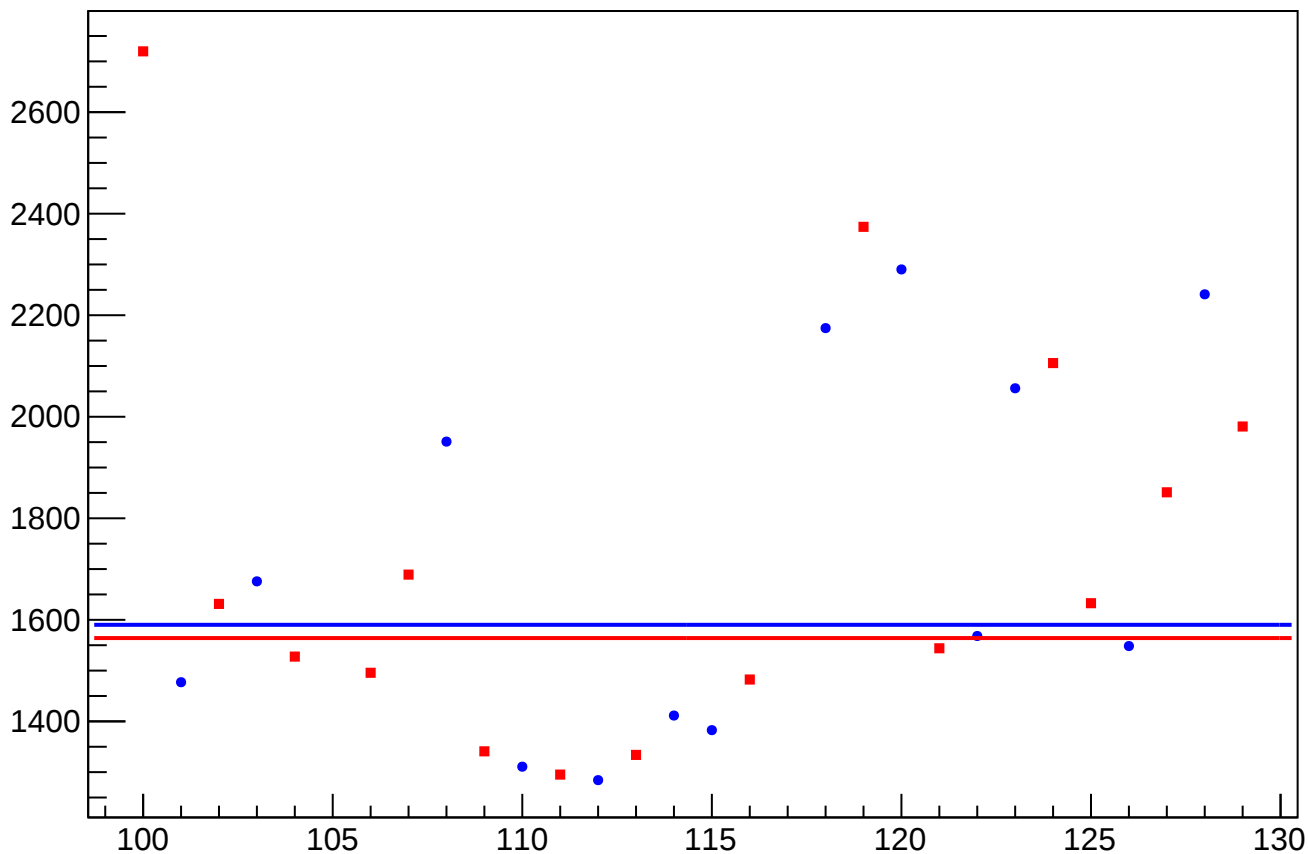
Right: -892.106 ± 502.247 χ^2/NDF : 28.6/27

In: -199.643 ± 753.530 χ^2/NDF : 18.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -892.106 ± 502.247 χ^2/NDF : 28.6/27

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1590.182+/-0.533 χ^2/NDF : 331401.5/12

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

Right Out: 1564.098+/-0.476 χ^2/NDF : 323163.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

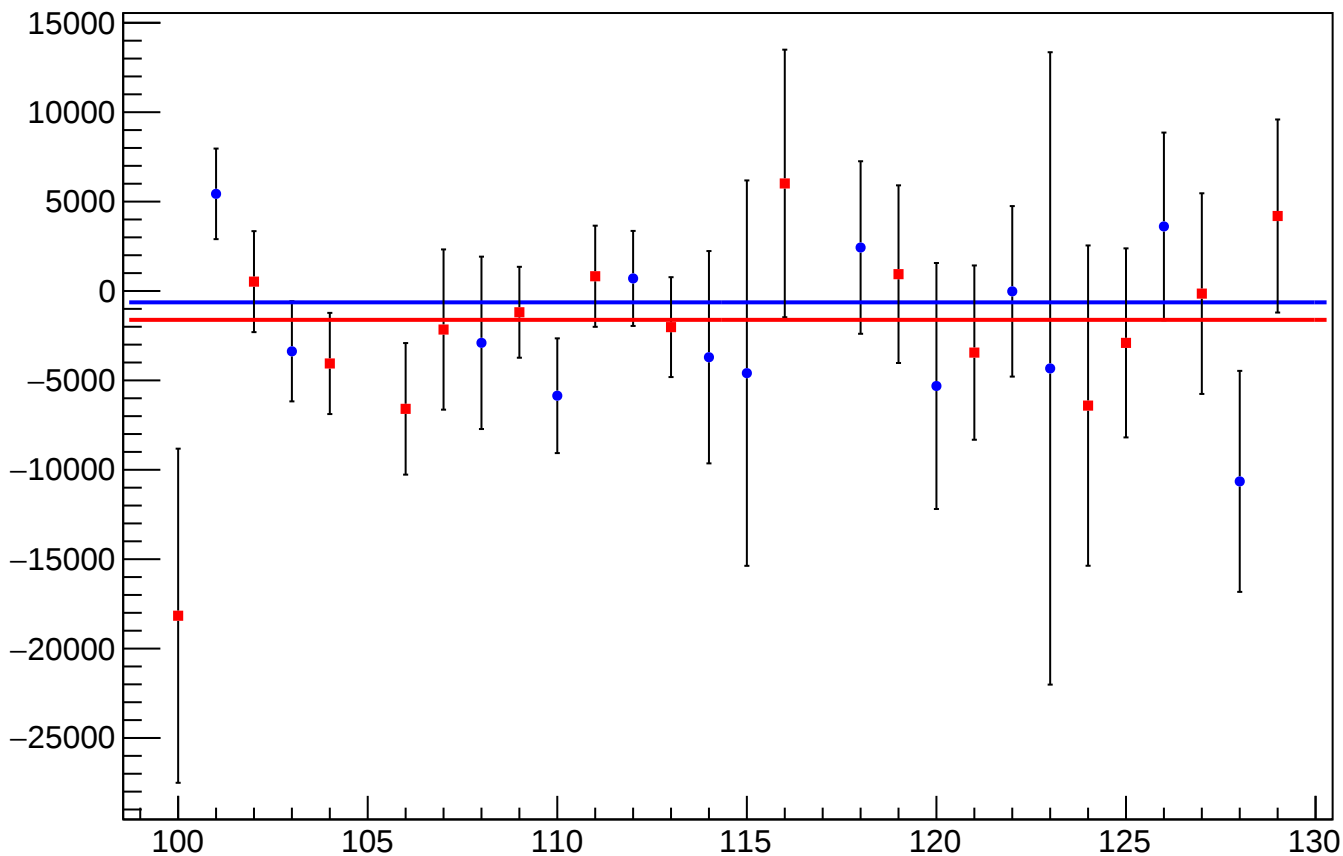
Right: 1575.686+/-0.355 χ^2/NDF : 655897.1/27

In: 1590.182+/-0.533 χ^2/NDF : 331401.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1575.686+/-0.355 χ^2/NDF : 655897.1/27

asym_sam4_mean vs Slug, Sign Corrected



Right In: -634.796+/-1135.259 χ^2/NDF : 14.4/12

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

Right Out: -1613.874+/-996.003 χ^2/NDF : 10.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

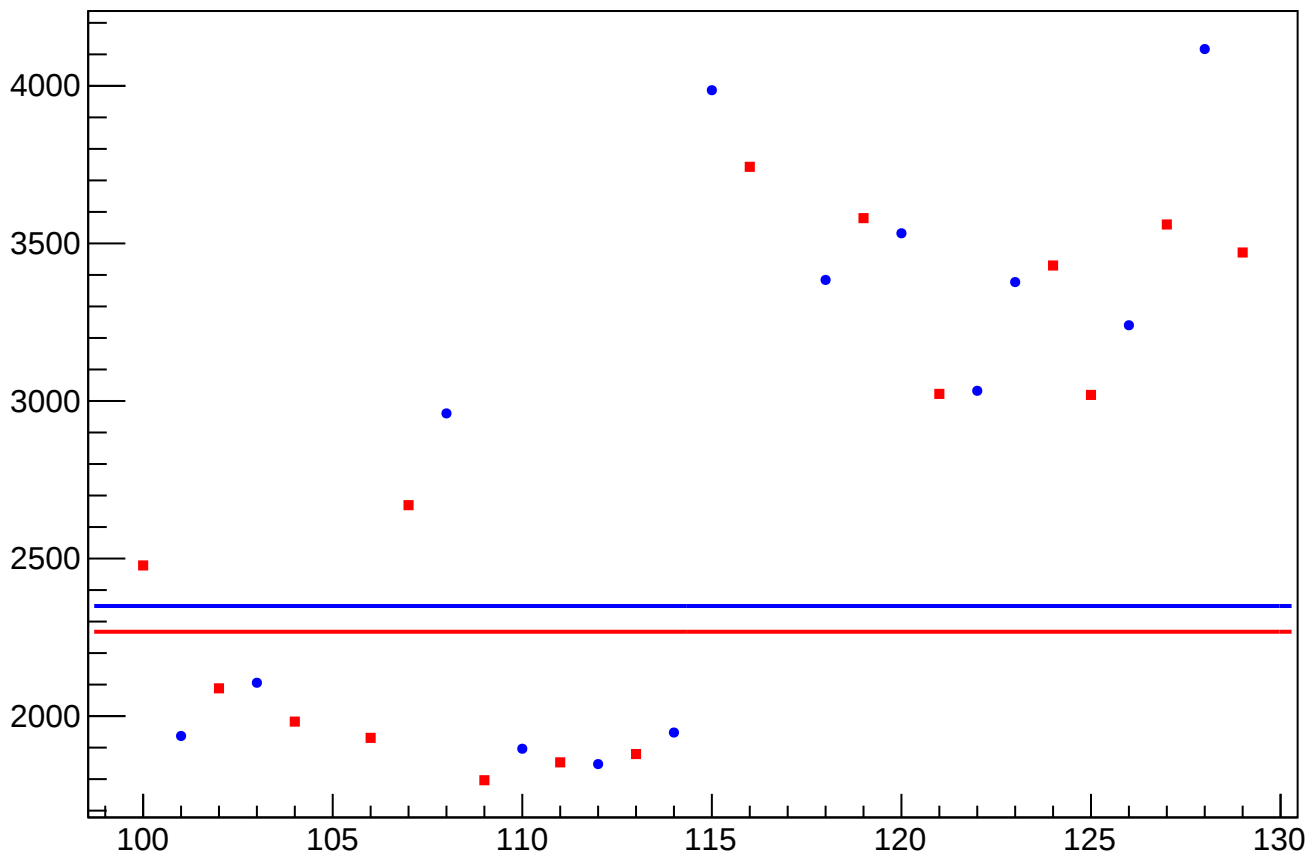
Right: -1188.036+/-748.702 χ^2/NDF : 25.0/27

In: -634.796+/-1135.259 χ^2/NDF : 14.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1188.036+/-748.702 χ^2/NDF : 25.0/27

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2349.371+/-0.803 χ^2/NDF : 686796.1/12

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

Right Out: 2267.685+/-0.704 χ^2/NDF : 757394.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

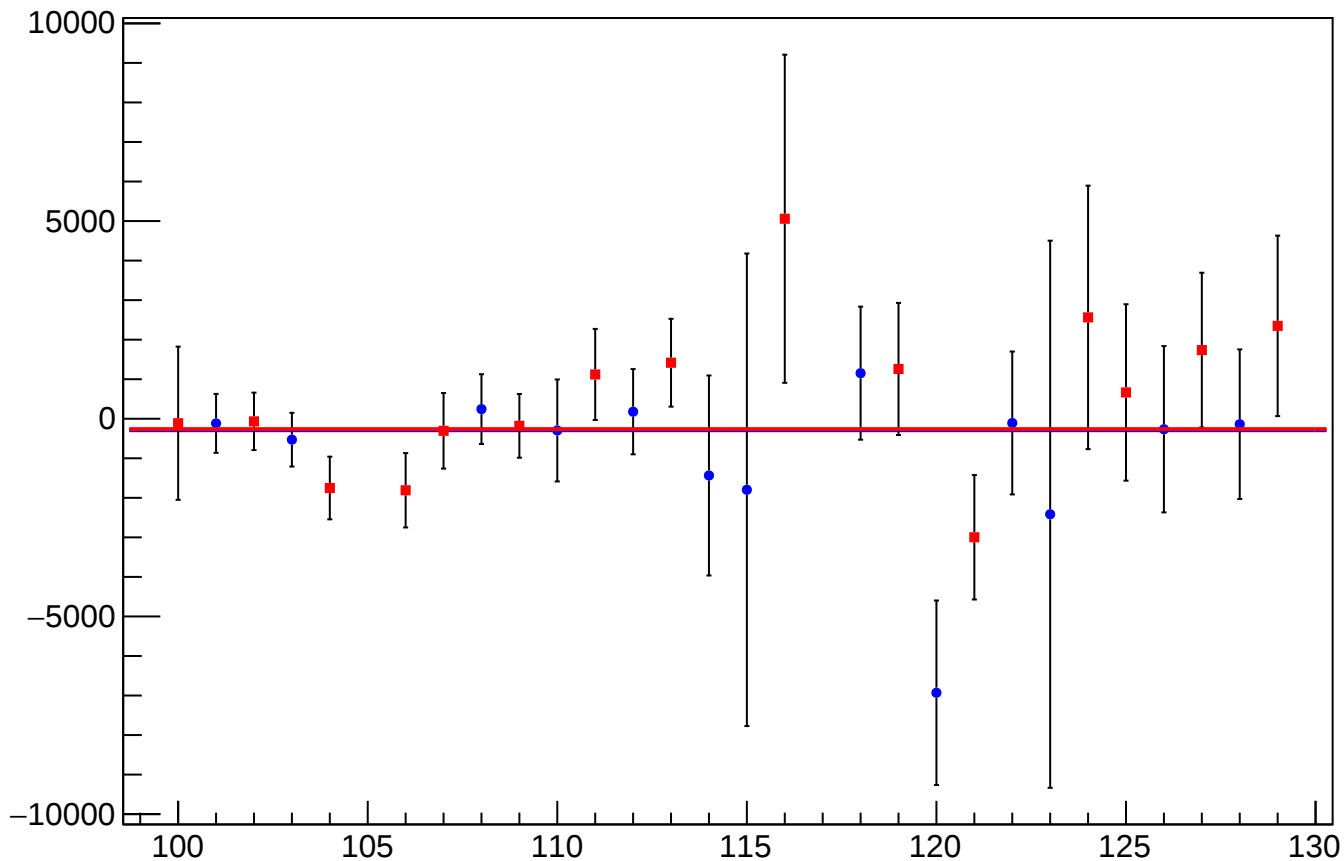
Right: 2303.213+/-0.529 χ^2/NDF : 1450041.5/27

In: 2349.371+/-0.803 χ^2/NDF : 686796.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2303.213+/-0.529 χ^2/NDF : 1450041.5/27

asym_sam5_mean vs Slug, Sign Corrected



Right In: -288.990+/-347.856 χ^2/NDF : 9.9/12

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

Right Out: -263.315+/-306.494 χ^2/NDF : 18.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

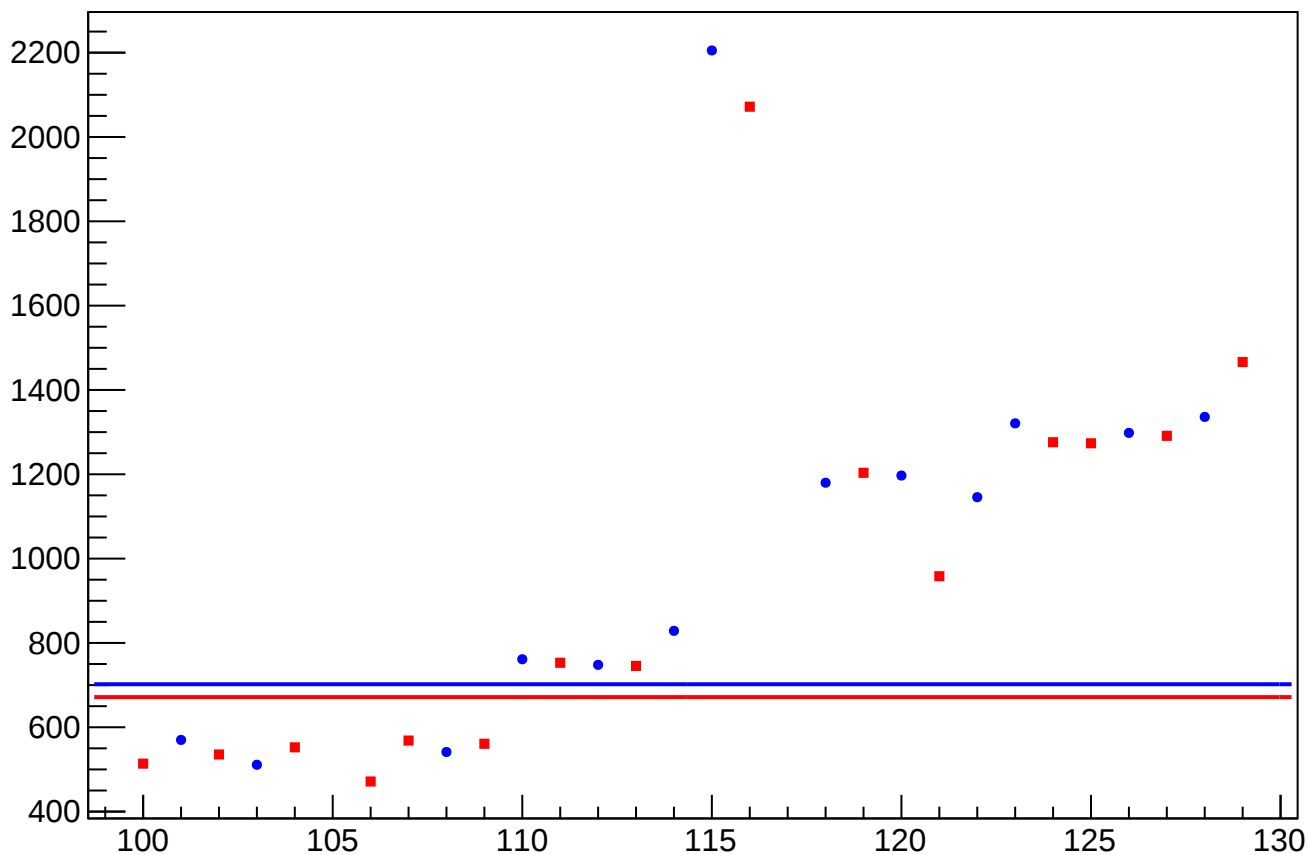
Right: -274.536+/-229.965 χ^2/NDF : 28.7/27

In: -288.990+/-347.856 χ^2/NDF : 9.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -274.536+/-229.965 χ^2/NDF : 28.7/27

asym_sam5_rms vs Slug, Sign Corrected



Right In: 702.029+/-0.246 χ^2/NDF : 1199688.0/12

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

Right Out: 671.514+/-0.217 χ^2/NDF : 1450470.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

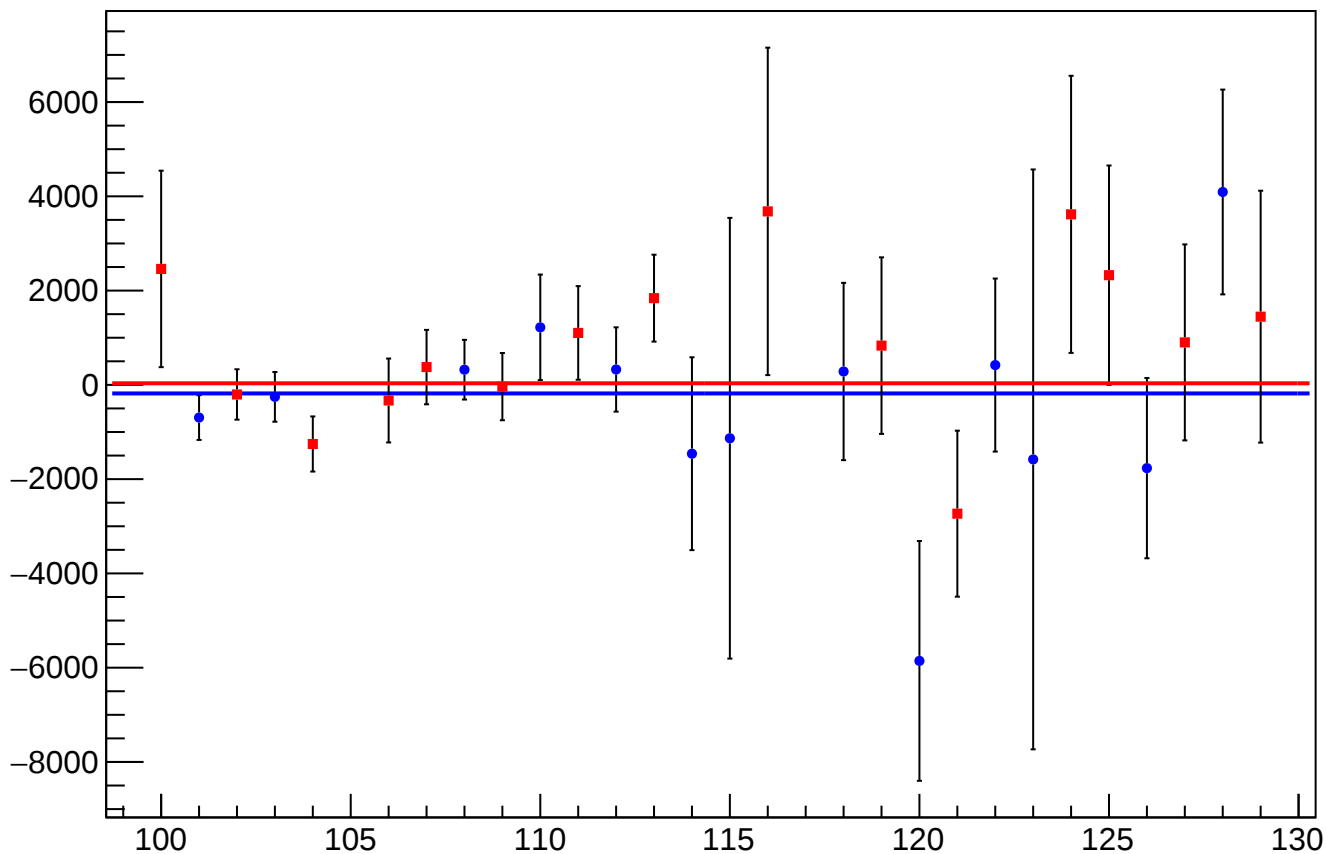
Right: 684.850+/-0.163 χ^2/NDF : 2658823.0/27

In: 702.029+/-0.246 χ^2/NDF : 1199688.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 684.850+/-0.163 χ^2/NDF : 2658823.0/27

asym_sam6_mean vs Slug, Sign Corrected



Right In: -181.801 ± 266.252 χ^2/NDF : 13.9/12

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

Right Out: 33.340 ± 257.833 χ^2/NDF : 18.4/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

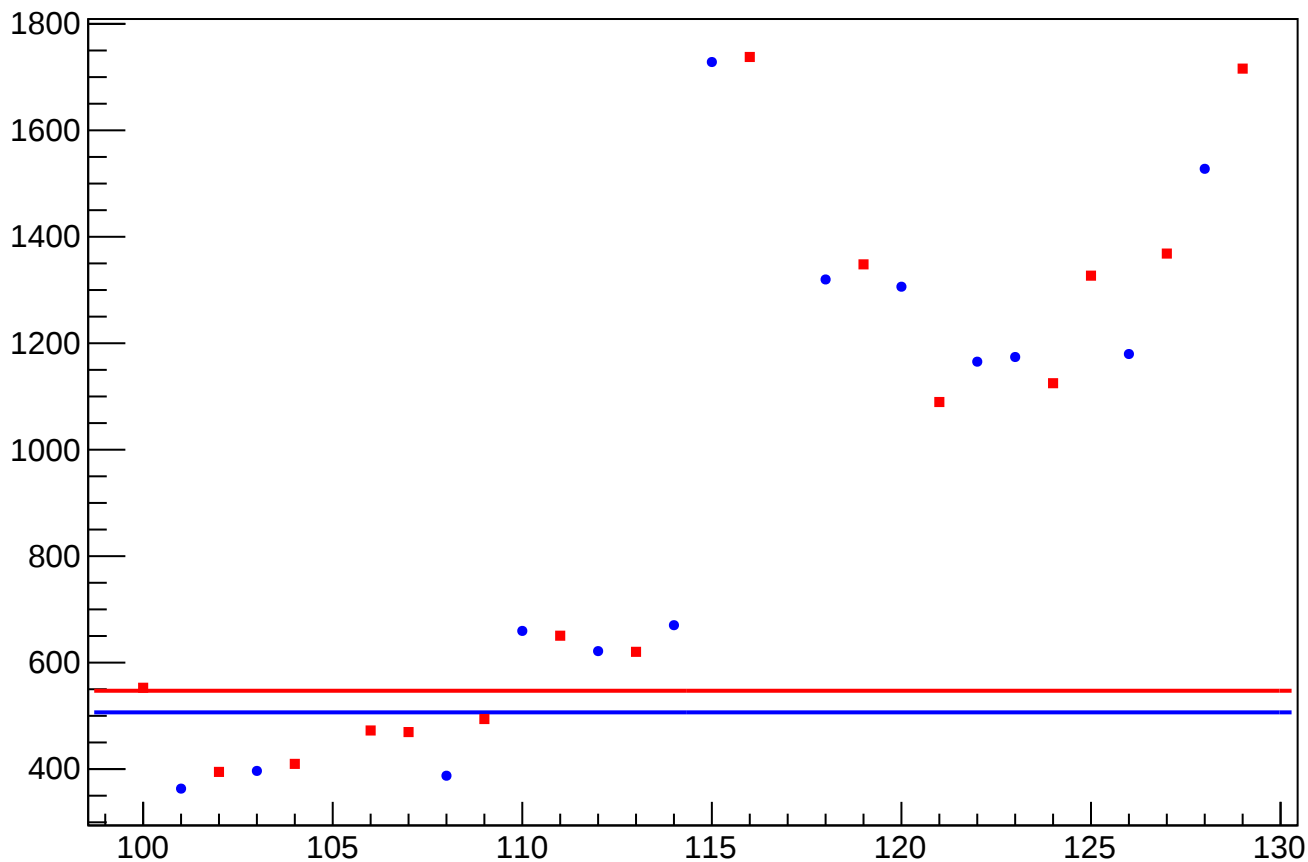
Right: -70.775 ± 185.220 χ^2/NDF : 32.7/27

In: -181.801 ± 266.252 χ^2/NDF : 13.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -70.775 ± 185.220 χ^2/NDF : 32.7/27

asym_sam6_rms vs Slug, Sign Corrected



Right In: 506.551+/-0.188 χ^2/NDF : 2102410.1/12

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

Right Out: 547.147+/-0.182 χ^2/NDF : 2139464.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

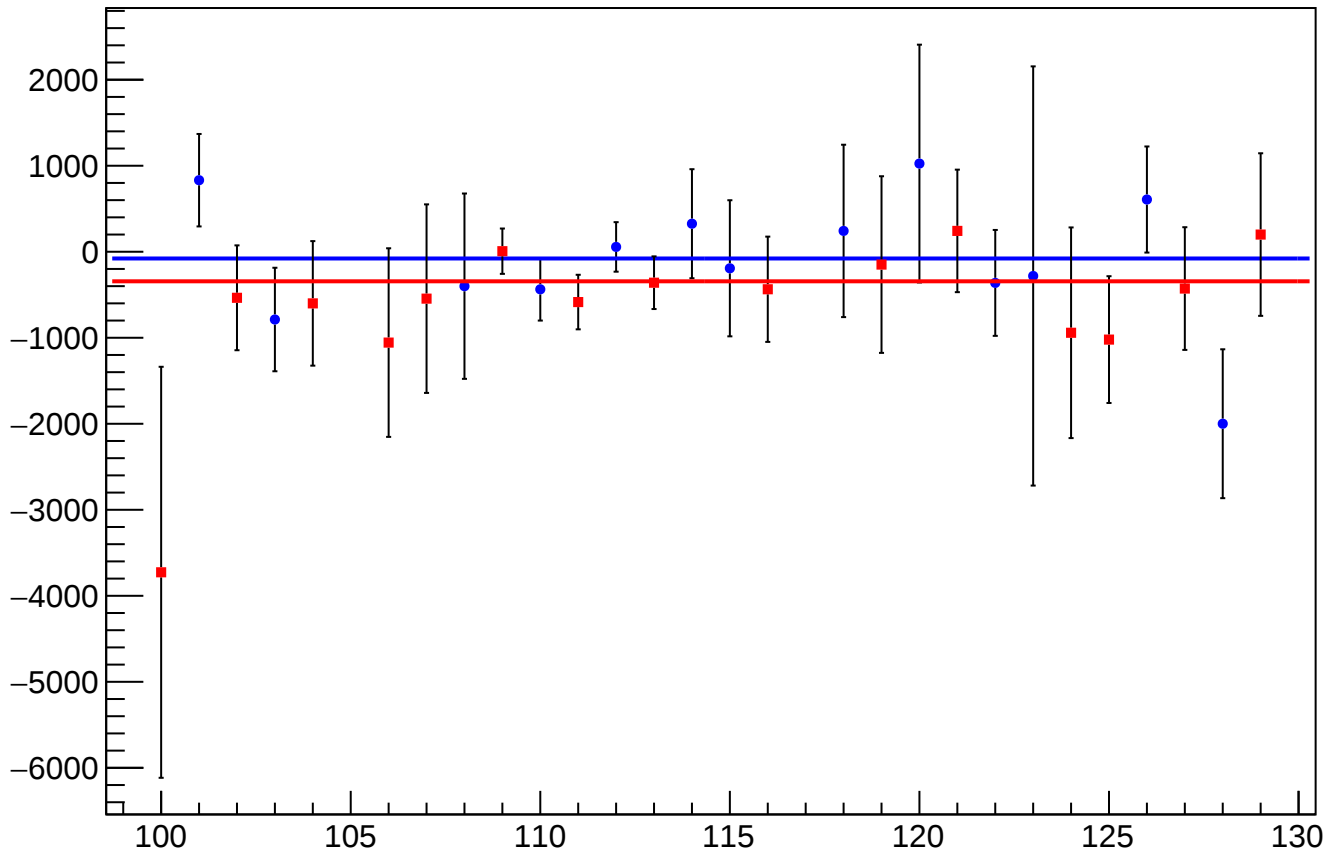
Right: 527.501+/-0.131 χ^2/NDF : 4265869.1/27

In: 506.551+/-0.188 χ^2/NDF : 2102410.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 527.501+/-0.131 χ^2/NDF : 4265869.1/27

asym_sam7_mean vs Slug, Sign Corrected



Right In: -78.341 +/- 159.936 χ^2/NDF : 13.1/12

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

Right Out: -343.631 +/- 137.831 χ^2/NDF : 7.2/14

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

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

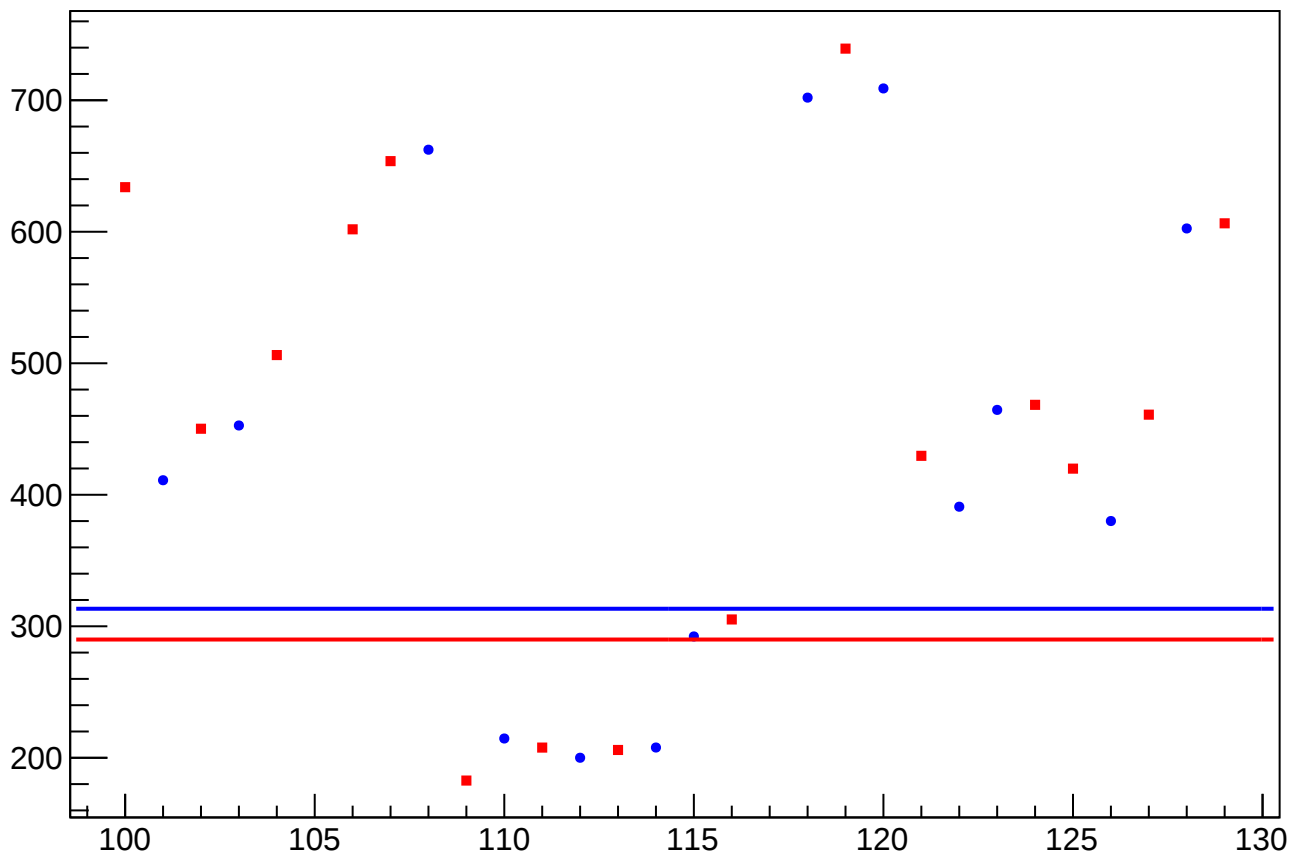
Right: -230.572 +/- 104.409 χ^2/NDF : 21.9/27

In: -78.341 +/- 159.936 χ^2/NDF : 13.1/12

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -230.572 +/- 104.409 χ^2/NDF : 21.9/27

asym_sam7_rms vs Slug, Sign Corrected



Right In: 313.333+/-0.113 χ^2/NDF : 1648053.4/12

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

Right Out: 289.934+/-0.097 χ^2/NDF : 2261504.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

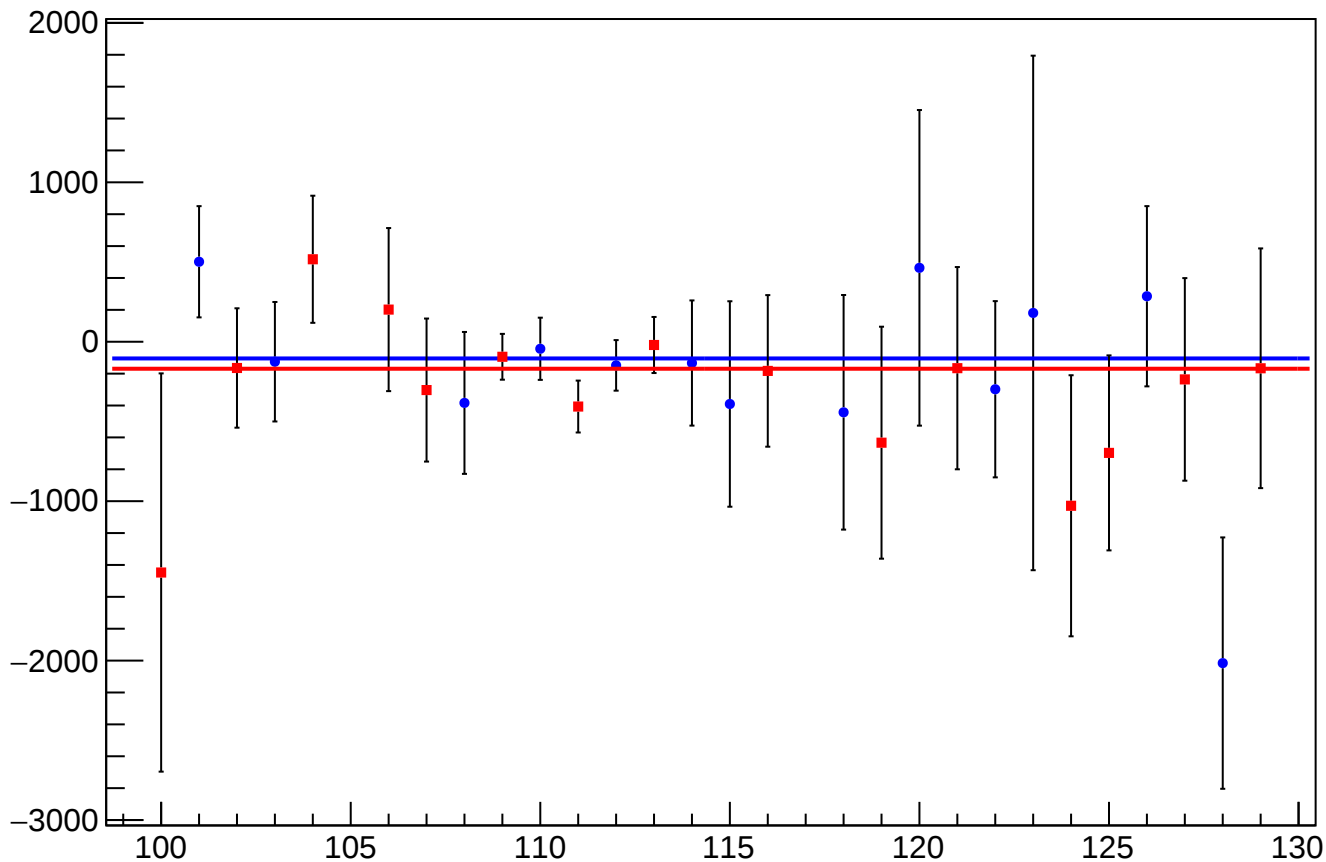
Right: 299.906+/-0.074 χ^2/NDF : 3934123.8/27

In: 313.333+/-0.113 χ^2/NDF : 1648053.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 299.906+/-0.074 χ^2/NDF : 3934123.8/27

asym_sam8_mean vs Slug, Sign Corrected



Right In: -104.757+/-96.859 χ^2/NDF : 10.8/12

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

Right Out: -169.288+/-79.407 χ^2/NDF : 10.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

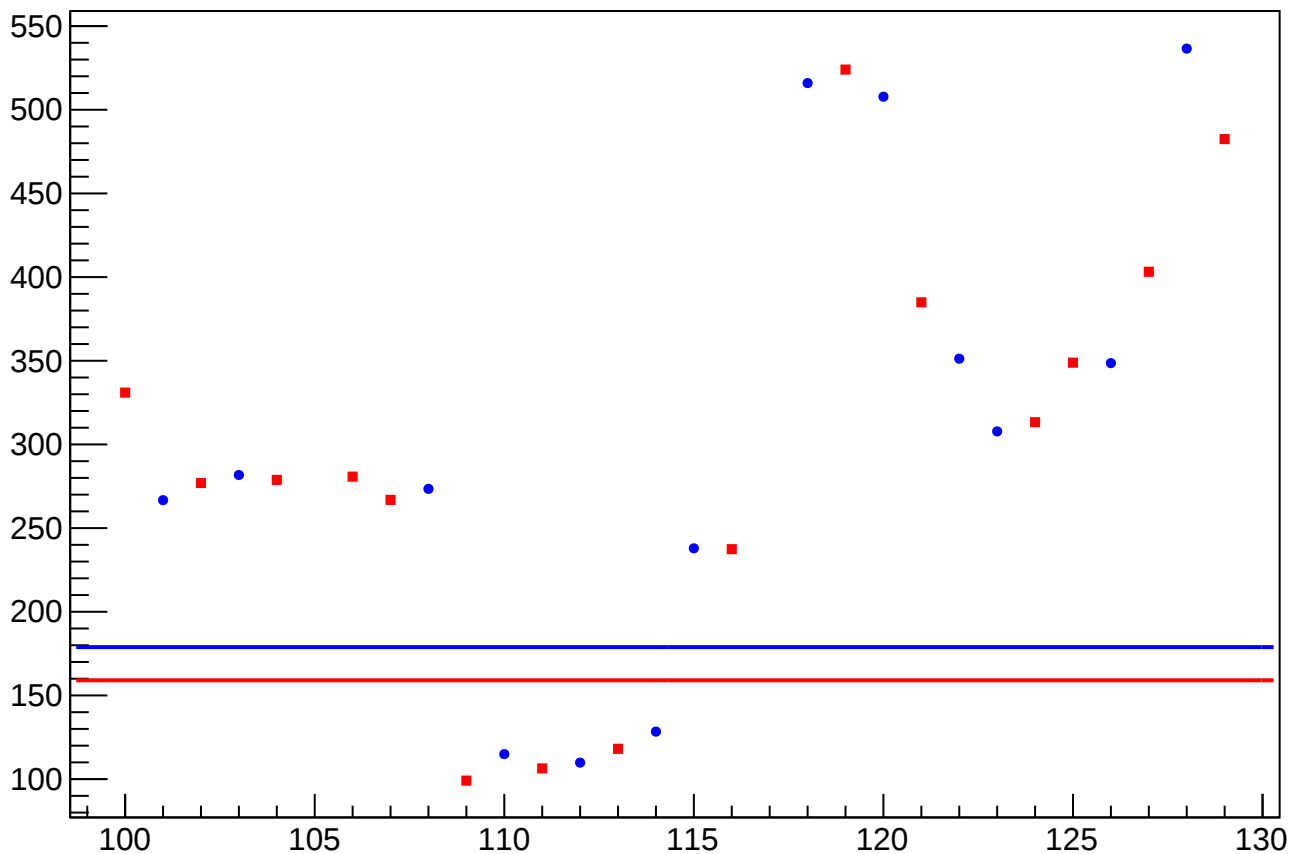
Right: -143.350+/-61.408 χ^2/NDF : 21.1/27

In: -104.757+/-96.859 χ^2/NDF : 10.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -143.350+/-61.408 χ^2/NDF : 21.1/27

asym_sam8_rms vs Slug, Sign Corrected



Right In: 178.878+/-0.068 χ^2/NDF : 2451181.8/12

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

Right Out: 159.068+/-0.056 χ^2/NDF : 3051688.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

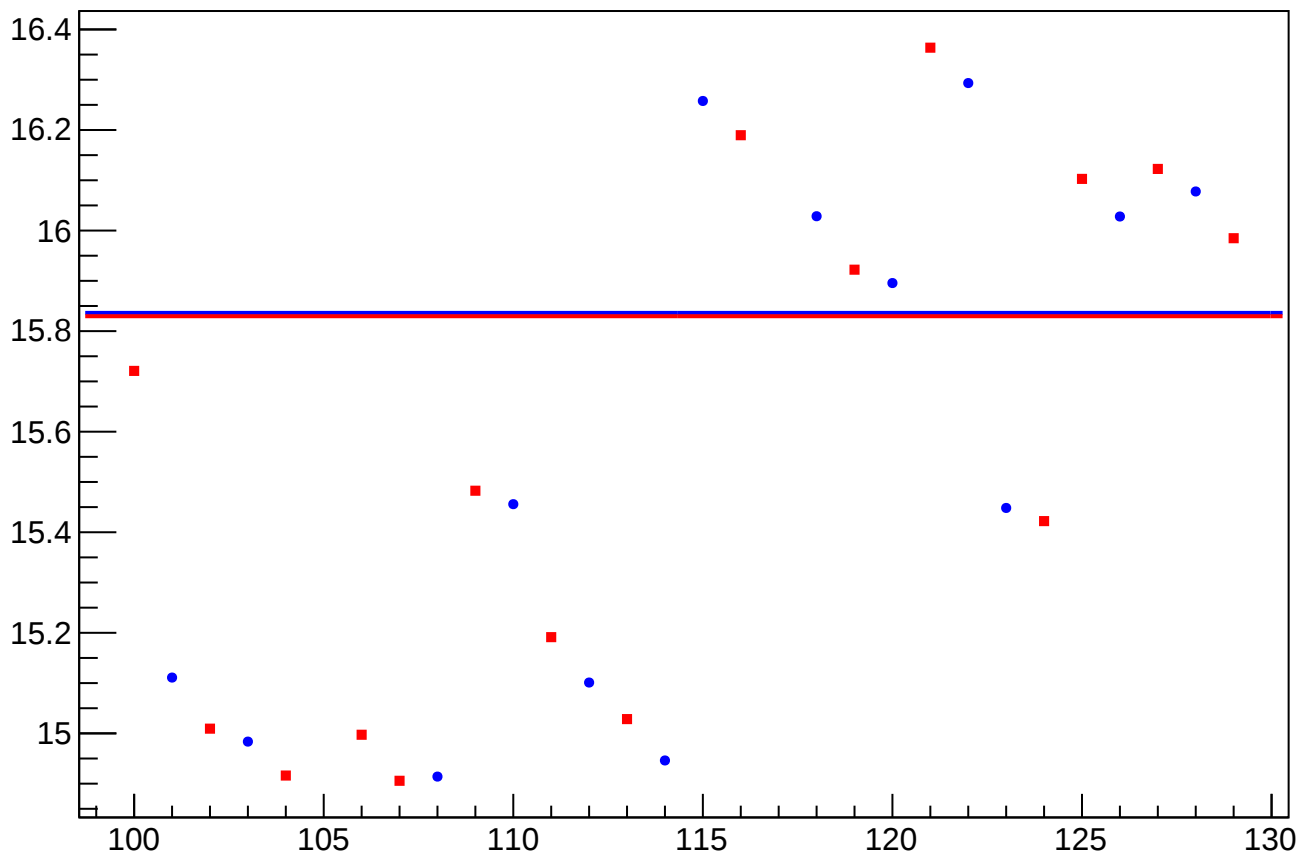
Right: 167.031+/-0.043 χ^2/NDF : 5552901.8/27

In: 178.878+/-0.068 χ^2/NDF :2451181.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 167.031+/-0.043 χ^2/NDF : 5552901.8/27

yield_sam1_mean vs Slug, Sign Corrected



Right In: 15.836+/-0.000 χ^2/NDF : 3333318434.5/12

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

Right Out: 15.830+/-0.000 χ^2/NDF : 4062591612.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

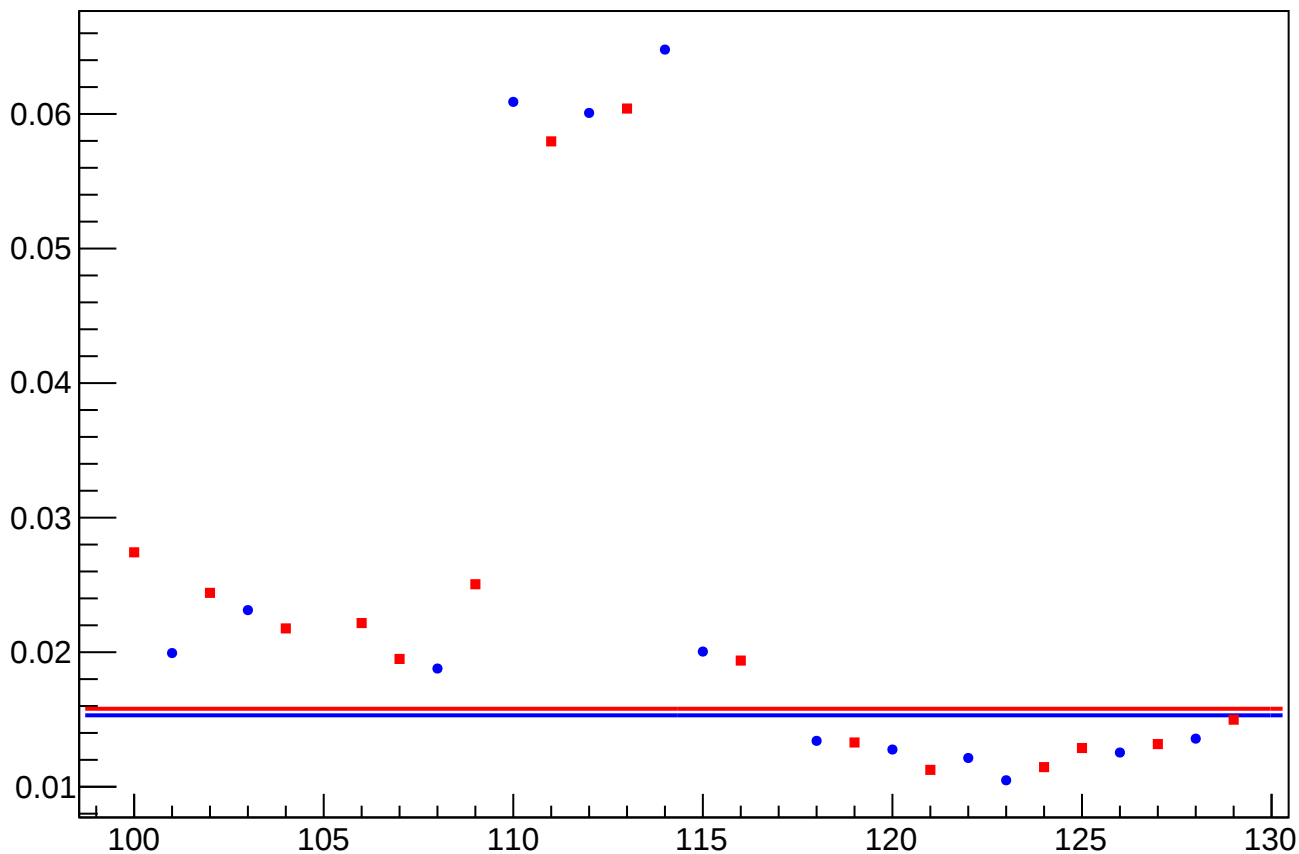
Right: 15.833+/-0.000 χ^2/NDF : 7396276394.4/27

In: 15.836+/-0.000 χ^2/NDF : 3333318434.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.833+/-0.000 χ^2/NDF : 7396276394.4/27

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 1349028.0/12

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

Right Out: 0.016+/-0.000 χ^2/NDF : 1547312.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

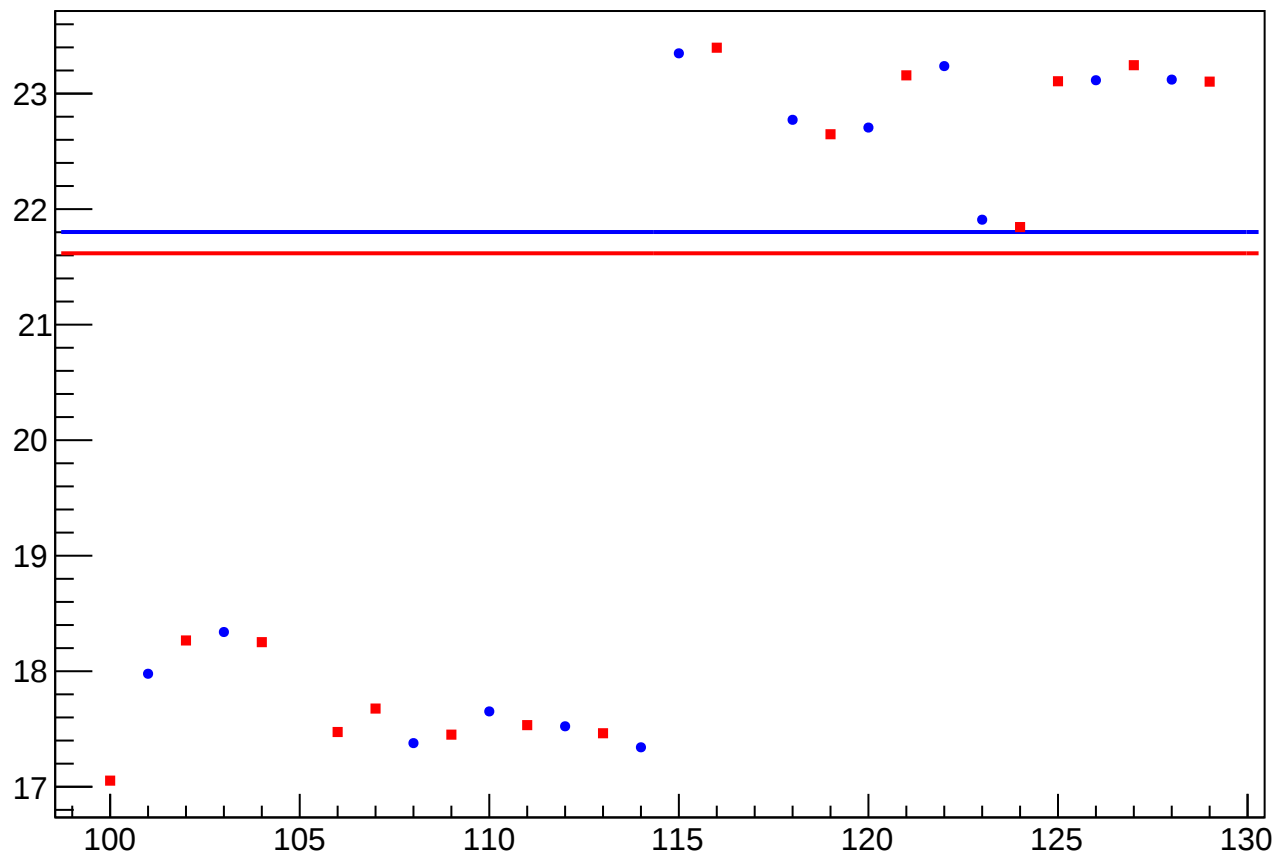
Right: 0.016+/-0.000 χ^2/NDF : 2900321.5/27

In: 0.015+/-0.000 χ^2/NDF :1349028.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.016+/-0.000 χ^2/NDF : 2900321.5/27

yield_sam2_mean vs Slug, Sign Corrected



Right In: 21.802+/-0.000 χ^2/NDF : 832369153.8/12

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

Right Out: 21.618+/-0.000 χ^2/NDF : 979657187.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

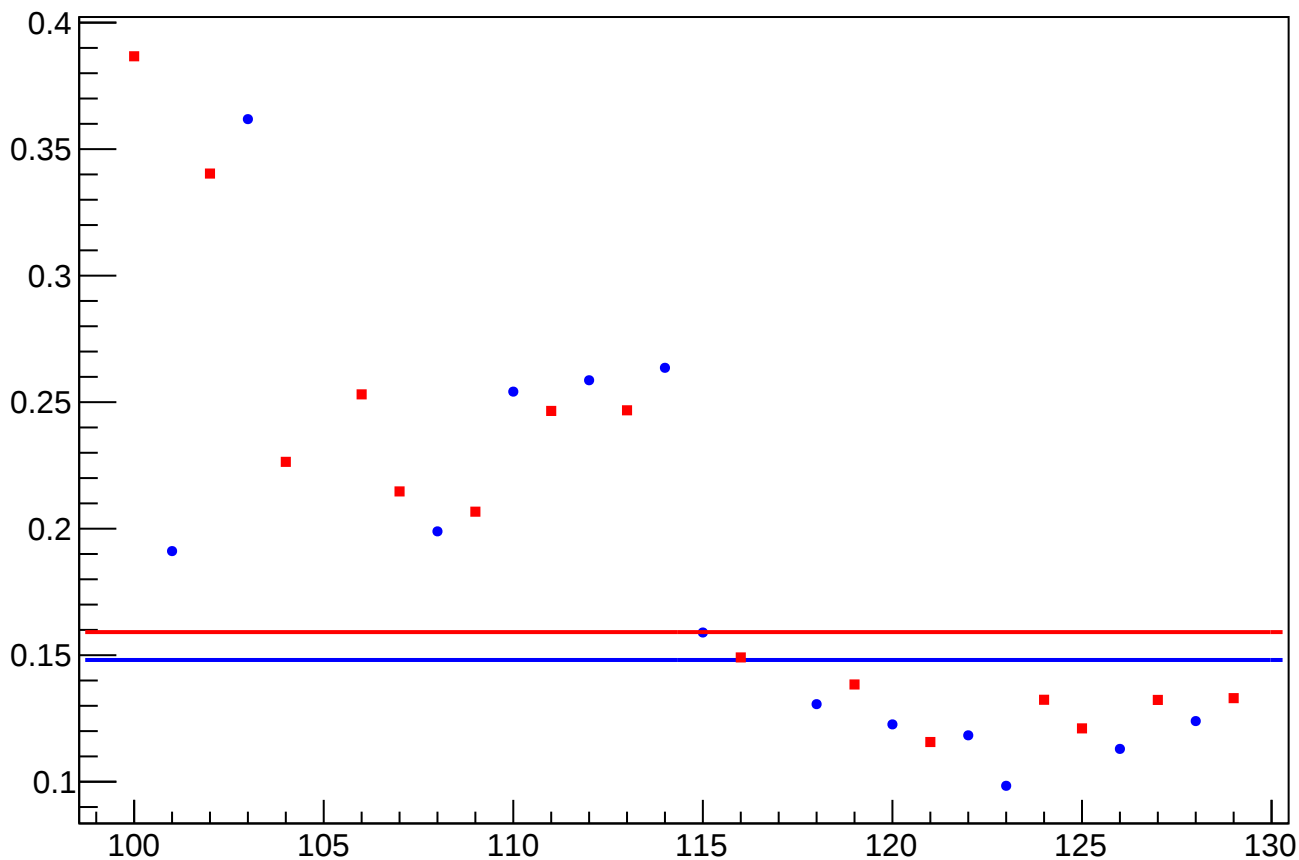
Right: 21.708+/-0.000 χ^2/NDF : 1814953108.5/27

In: 21.802+/-0.000 χ^2/NDF :832369153.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 21.708+/-0.000 χ^2/NDF : 1814953108.5/27

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.148+/-0.000 χ^2/NDF : 987871.6/12

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

Right Out: 0.159+/-0.000 χ^2/NDF : 1008341.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

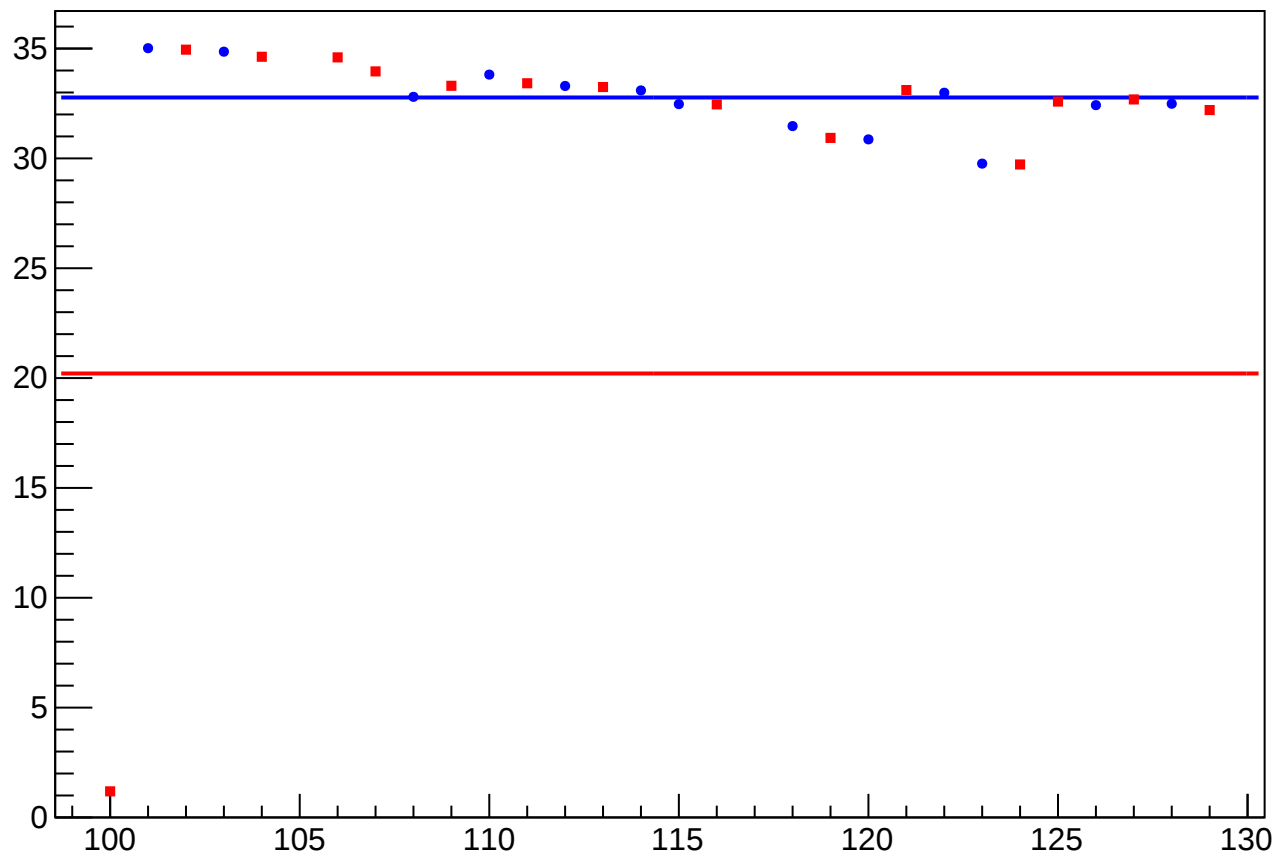
Right: 0.154+/-0.000 χ^2/NDF : 2017159.9/27

In: 0.148+/-0.000 χ^2/NDF :987871.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.154+/-0.000 χ^2/NDF : 2017159.9/27

yield_sam3_mean vs Slug, Sign Corrected



Right In: 32.773+/-0.000 χ^2/NDF : 433333861.8/12

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

Right Out: 20.209+/-0.000 χ^2/NDF : 214762443563.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

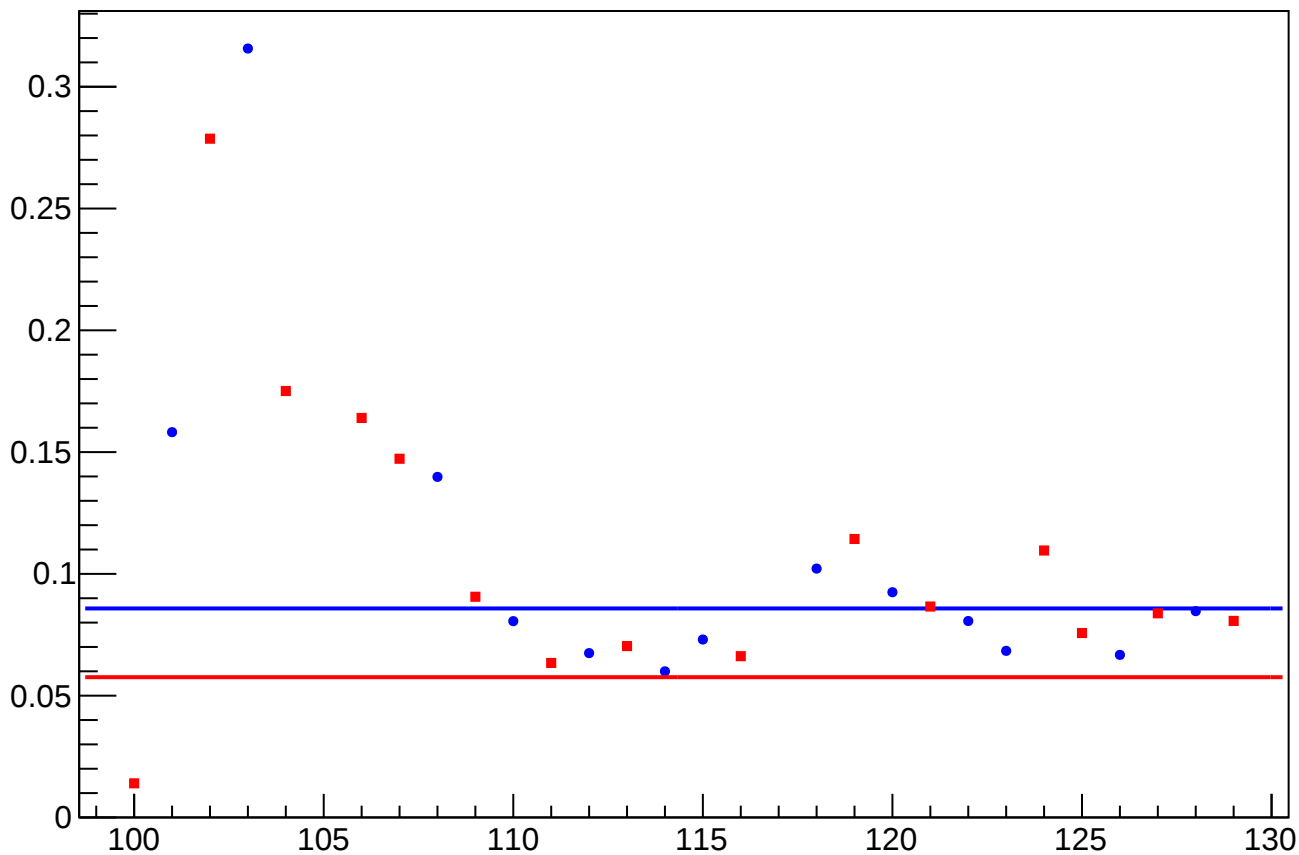
Right: 24.509+/-0.000 χ^2/NDF : 263282202027.1/27

In: 32.773+/-0.000 χ^2/NDF :433333861.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 24.509+/-0.000 χ^2/NDF : 263282202027.1

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.086+/-0.000 χ^2/NDF : 1064367.3/12

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

Right Out: 0.058+/-0.000 χ^2/NDF : 3354183.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

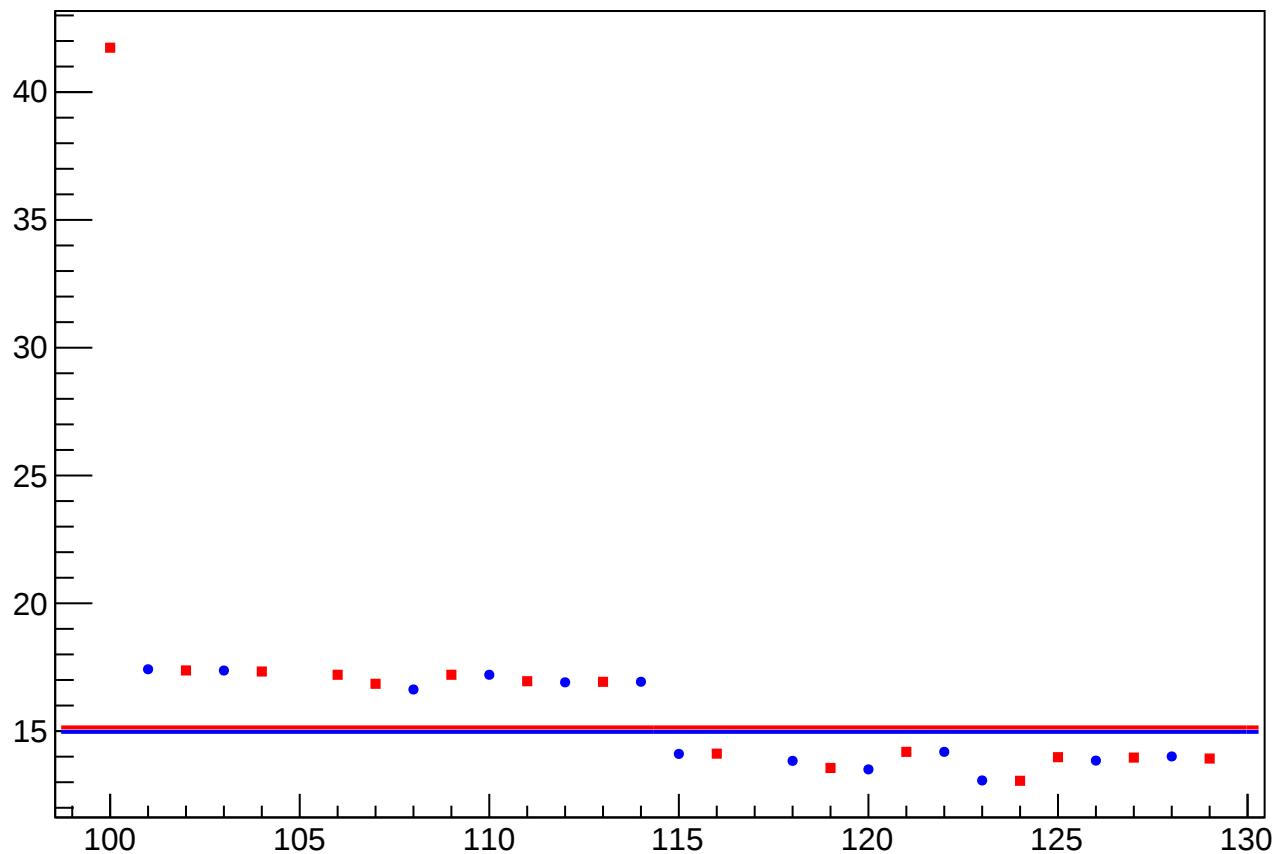
Right: 0.067+/-0.000 χ^2/NDF : 4903797.1/27

In: 0.086+/-0.000 χ^2/NDF :1064367.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.067+/-0.000 χ^2/NDF : 4903797.1/27

yield_sam4_mean vs Slug, Sign Corrected



Right In: 14.971+/-0.000 χ^2/NDF : 1219965914.4/12

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

Right Out: 15.144+/-0.000 χ^2/NDF : 1635224971.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

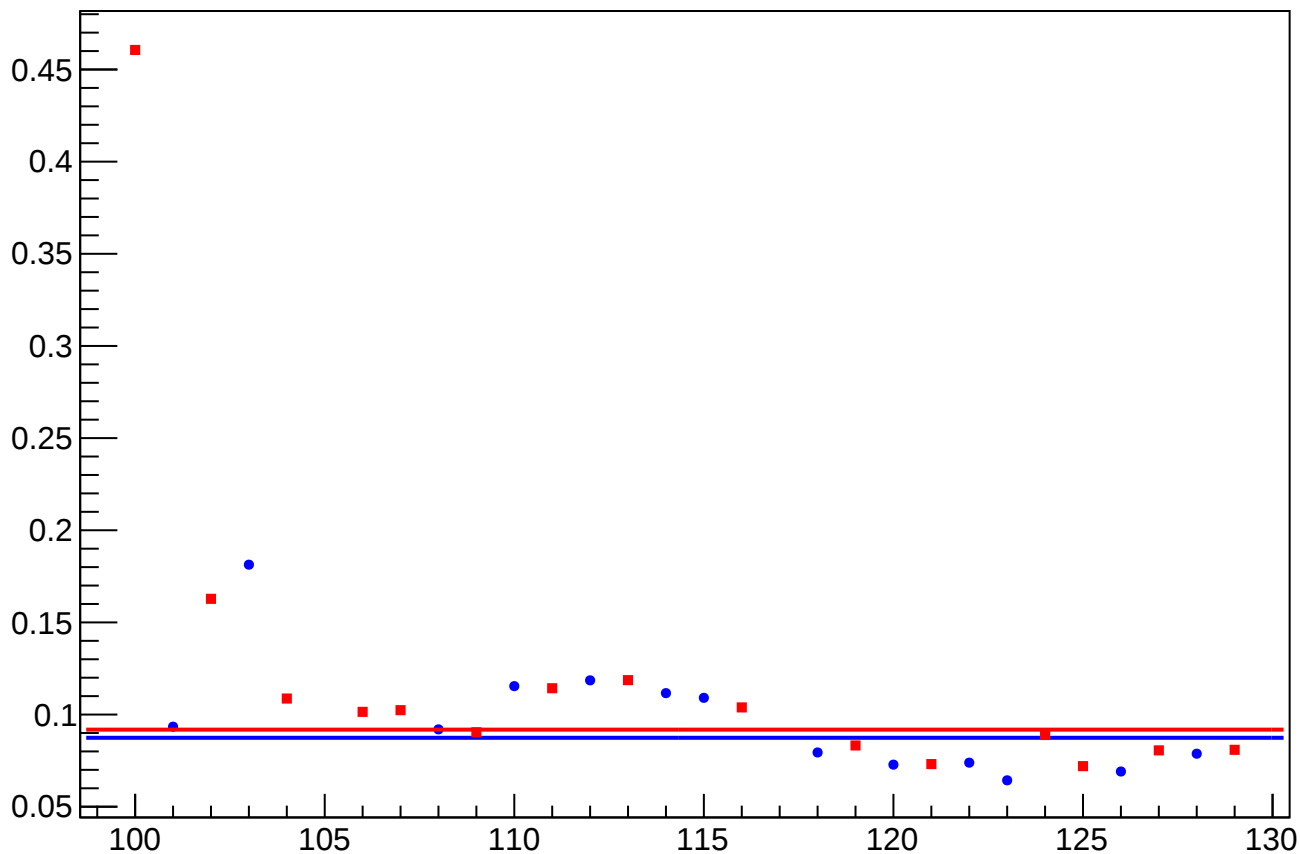
Right: 15.061+/-0.000 χ^2/NDF : 2863194273.1/27

In: 14.971+/-0.000 χ^2/NDF : 1219965914.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.061+/-0.000 χ^2/NDF : 2863194273.1/27

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.087+/-0.000 χ^2/NDF : 541745.2/12

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

Right Out: 0.092+/-0.000 χ^2/NDF : 516981.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

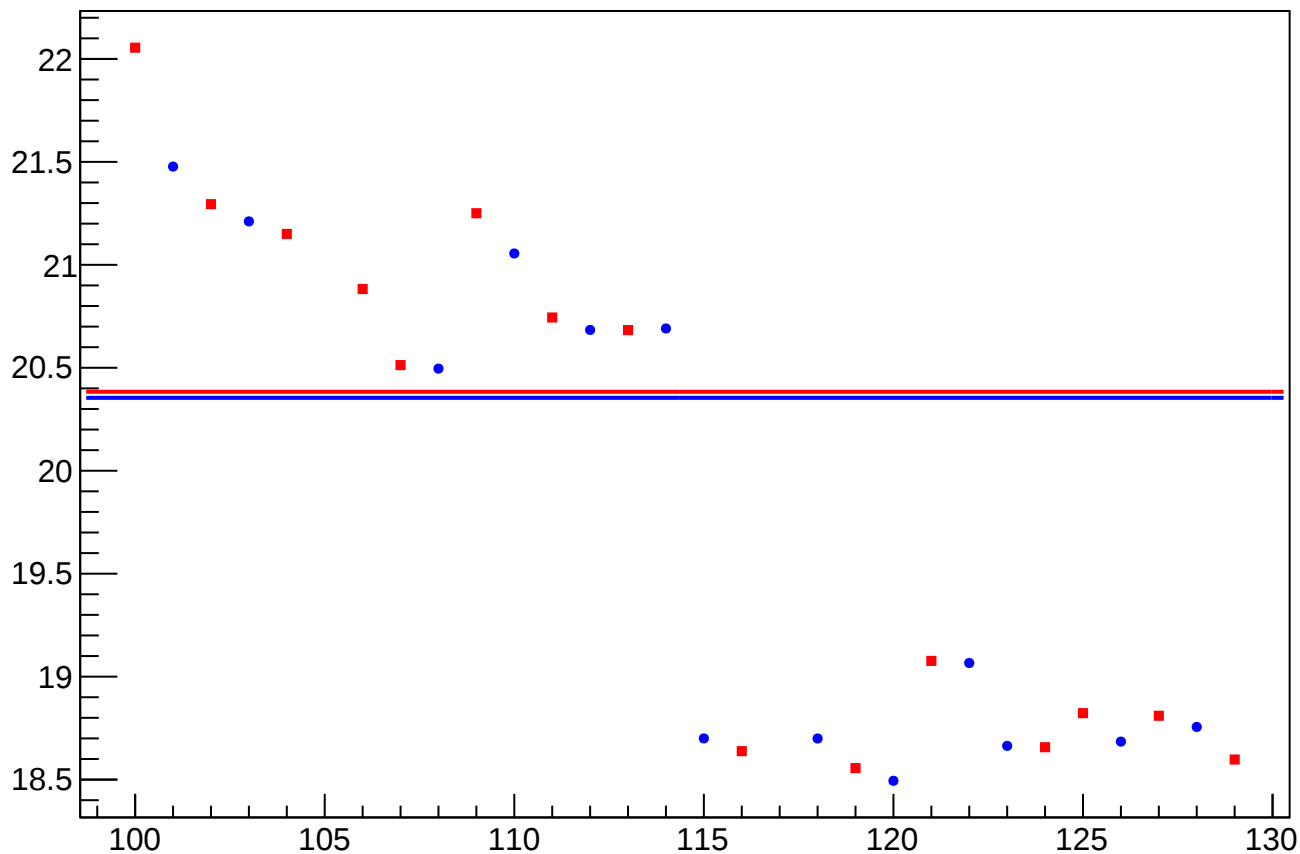
Right: 0.090+/-0.000 χ^2/NDF : 1069196.8/27

In: 0.087+/-0.000 χ^2/NDF : 541745.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.090+/-0.000 χ^2/NDF : 1069196.8/27

yield_sam5_mean vs Slug, Sign Corrected



Right In: 20.354+/-0.000 χ^2/NDF : 5529894659.6/12

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

Right Out: 20.384+/-0.000 χ^2/NDF : 5595169995.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

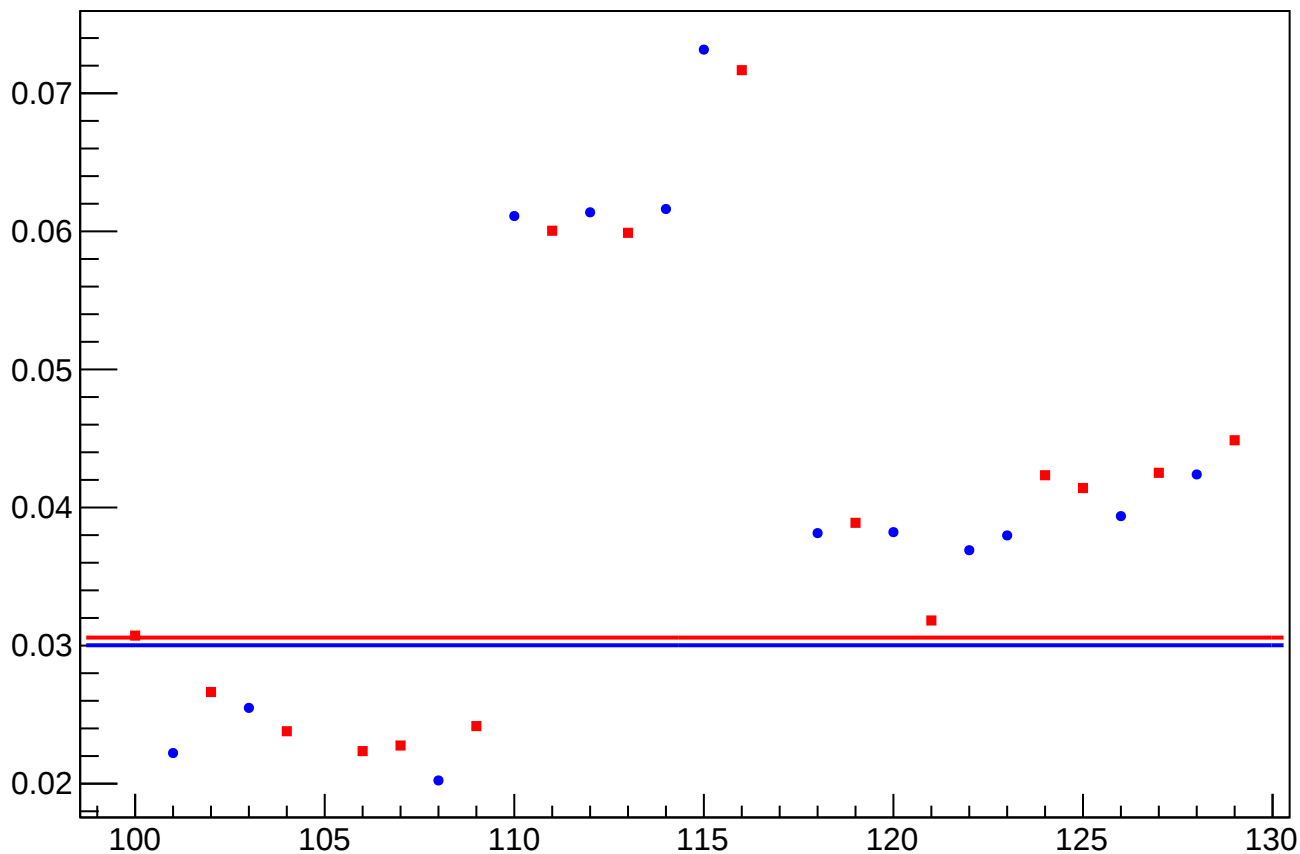
Right: 20.370+/-0.000 χ^2/NDF : 11127034176.3/27

In: 20.354+/-0.000 χ^2/NDF : 5529894659.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.370+/-0.000 χ^2/NDF : 11127034176.3

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.030+/-0.000 χ^2/NDF : 1084975.3/12

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

Right Out: 0.031+/-0.000 χ^2/NDF : 1093603.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

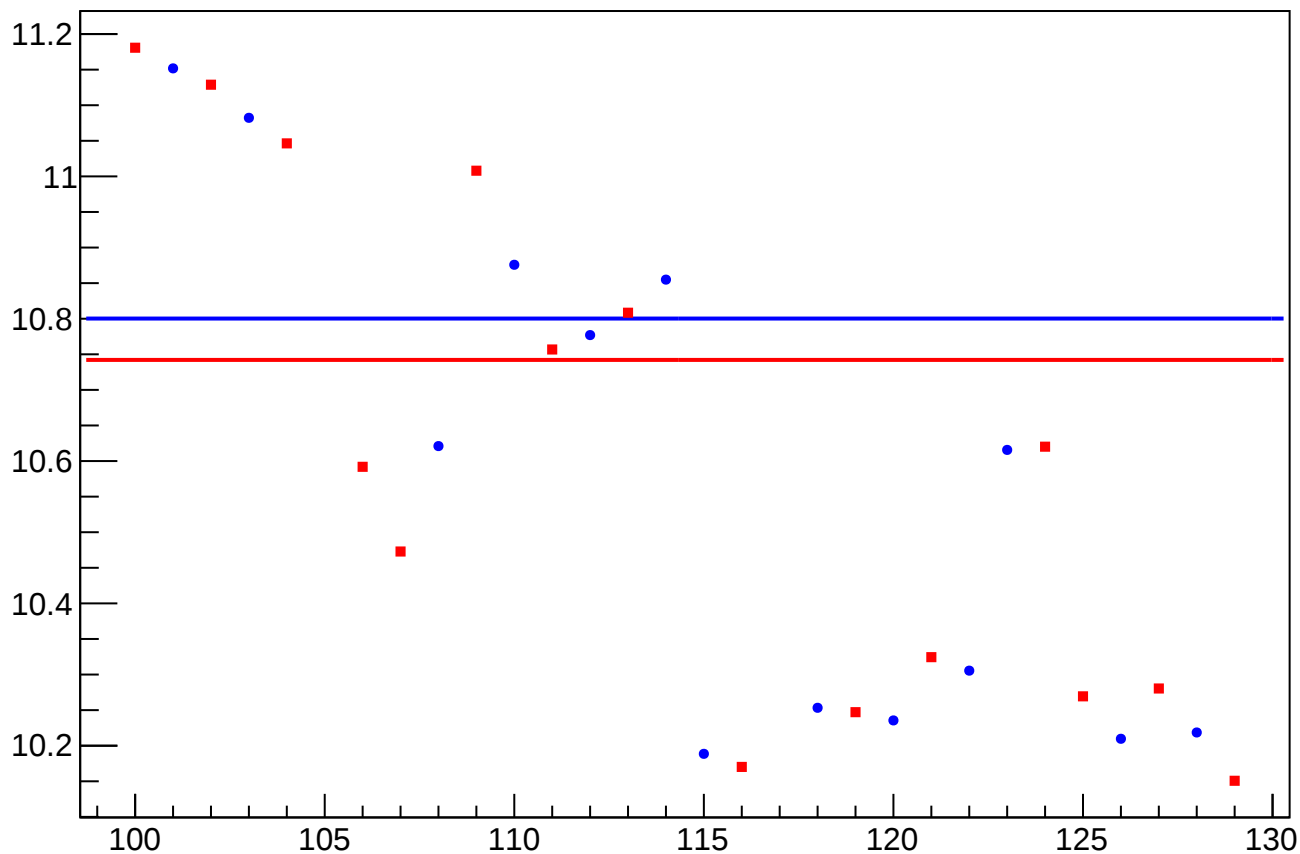
Right: 0.030+/-0.000 χ^2/NDF : 2179992.8/27

In: 0.030+/-0.000 χ^2/NDF :1084975.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.030+/-0.000 χ^2/NDF : 2179992.8/27

yield_sam6_mean vs Slug, Sign Corrected



Right In: 10.800+/-0.000 χ^2/NDF : 2760327866.3/12

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

Right Out: 10.742+/-0.000 χ^2/NDF : 2388622438.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

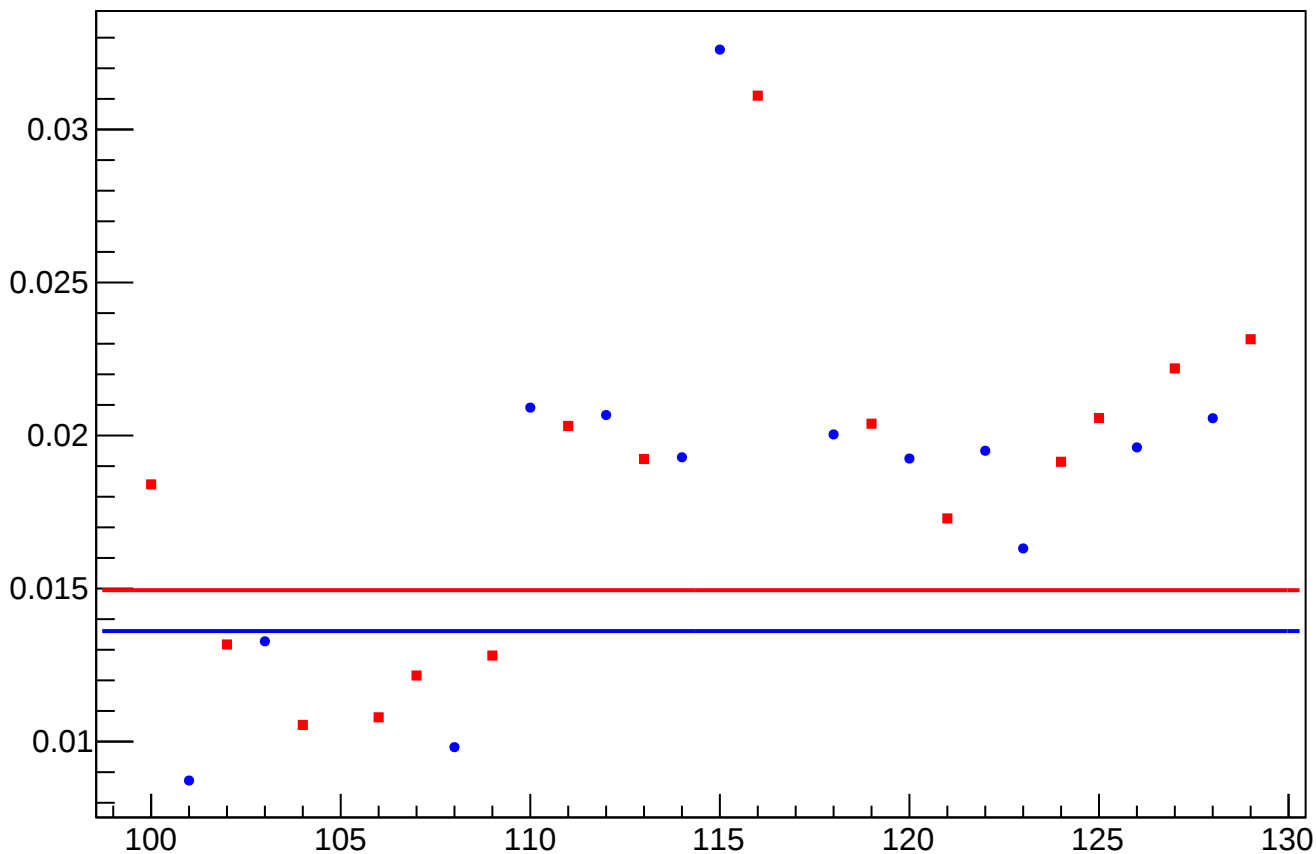
Right: 10.771+/-0.000 χ^2/NDF : 5183868741.0/27

In: 10.800+/-0.000 χ^2/NDF : 2760327866.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.771+/-0.000 χ^2/NDF : 5183868741.0/27

yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1096351.2/12

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

Right Out: 0.015+/-0.000 χ^2/NDF : 852606.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

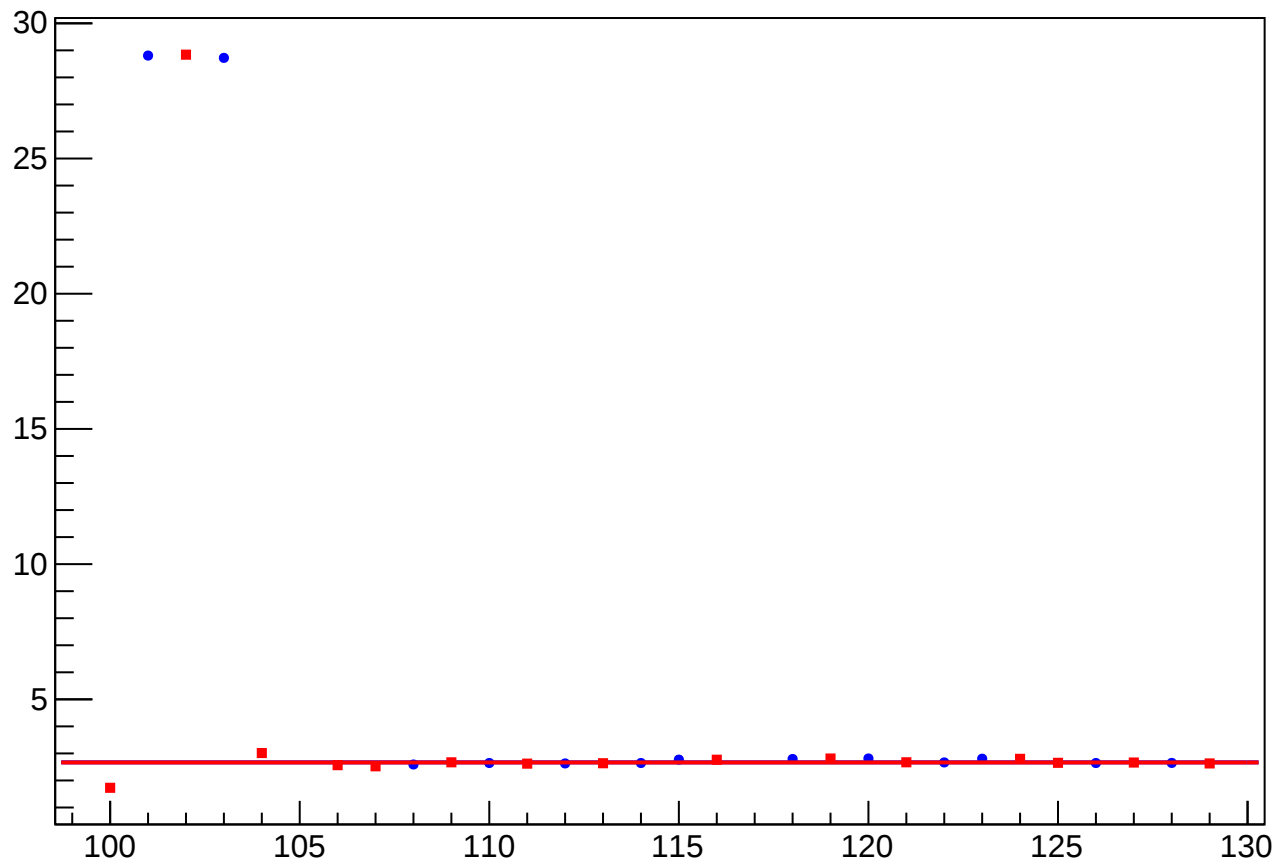
Right: 0.014+/-0.000 χ^2/NDF : 1985838.4/27

In: 0.014+/-0.000 χ^2/NDF :1096351.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 1985838.4/27

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.670+/-0.000 χ^2/NDF : 162211463952.4/12

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

Right Out: 2.665+/-0.000 χ^2/NDF : 69722896892.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

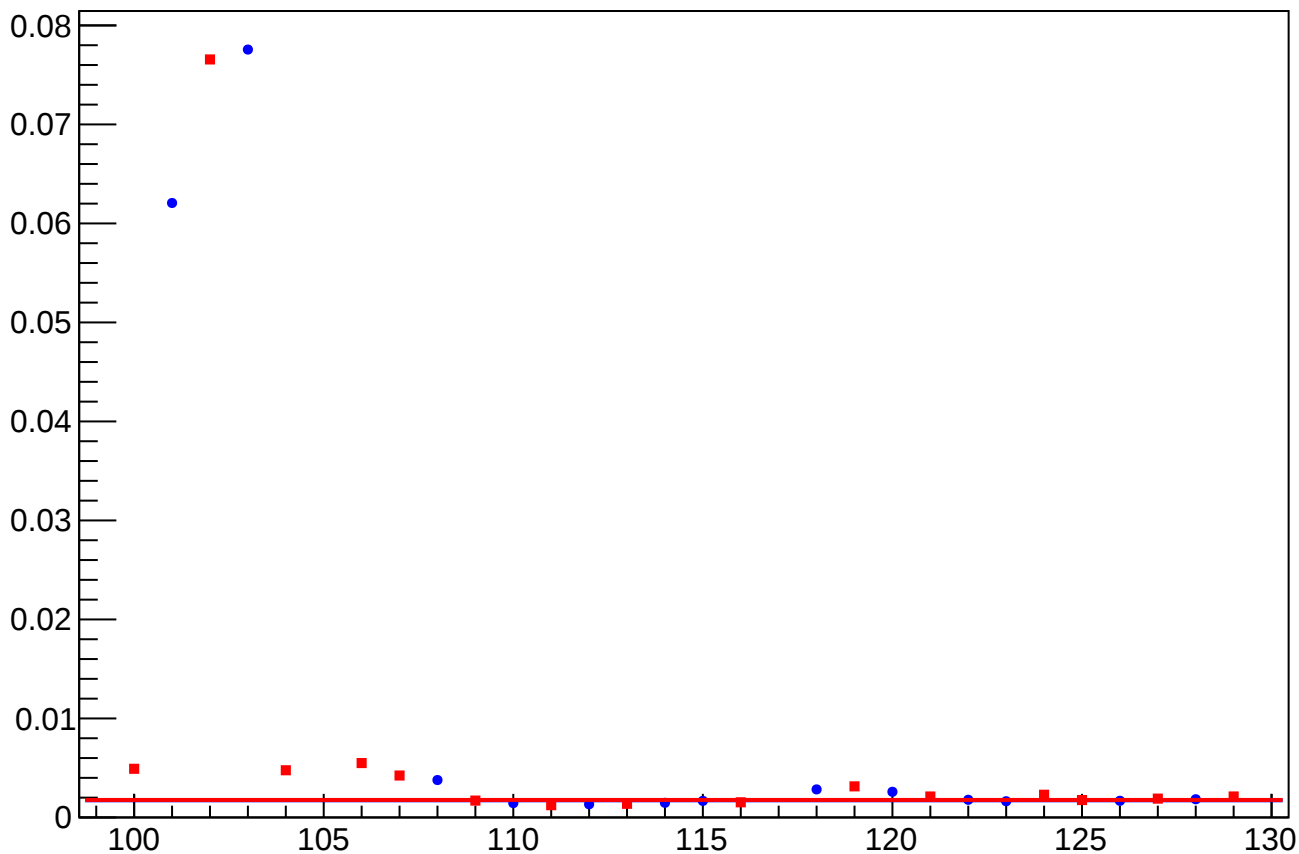
Right: 2.668+/-0.000 χ^2/NDF : 231947012621.7/27

In: 2.670+/-0.000 χ^2/NDF : 162211463952.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.668+/-0.000 χ^2/NDF : 231947012621.7

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2574768.4/12

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

Right Out: 0.002+/-0.000 χ^2/NDF : 2161819.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

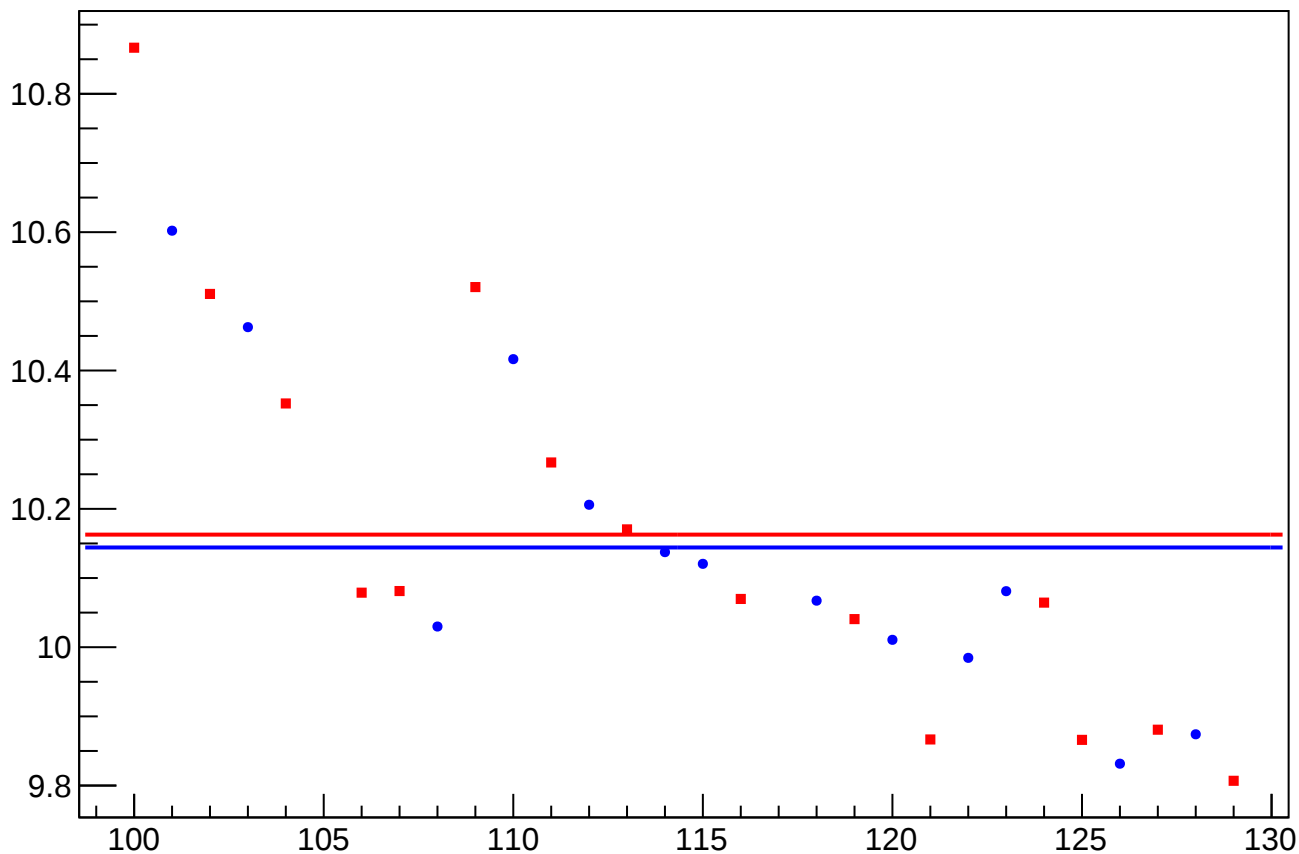
Right: 0.002+/-0.000 χ^2/NDF : 4737970.3/27

In: 0.002+/-0.000 χ^2/NDF : 2574768.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4737970.3/27

yield_sam8_mean vs Slug, Sign Corrected



Right In: 10.144+/-0.000 χ^2/NDF : 5387407221.6/12

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

Right Out: 10.163+/-0.000 χ^2/NDF : 6877728144.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

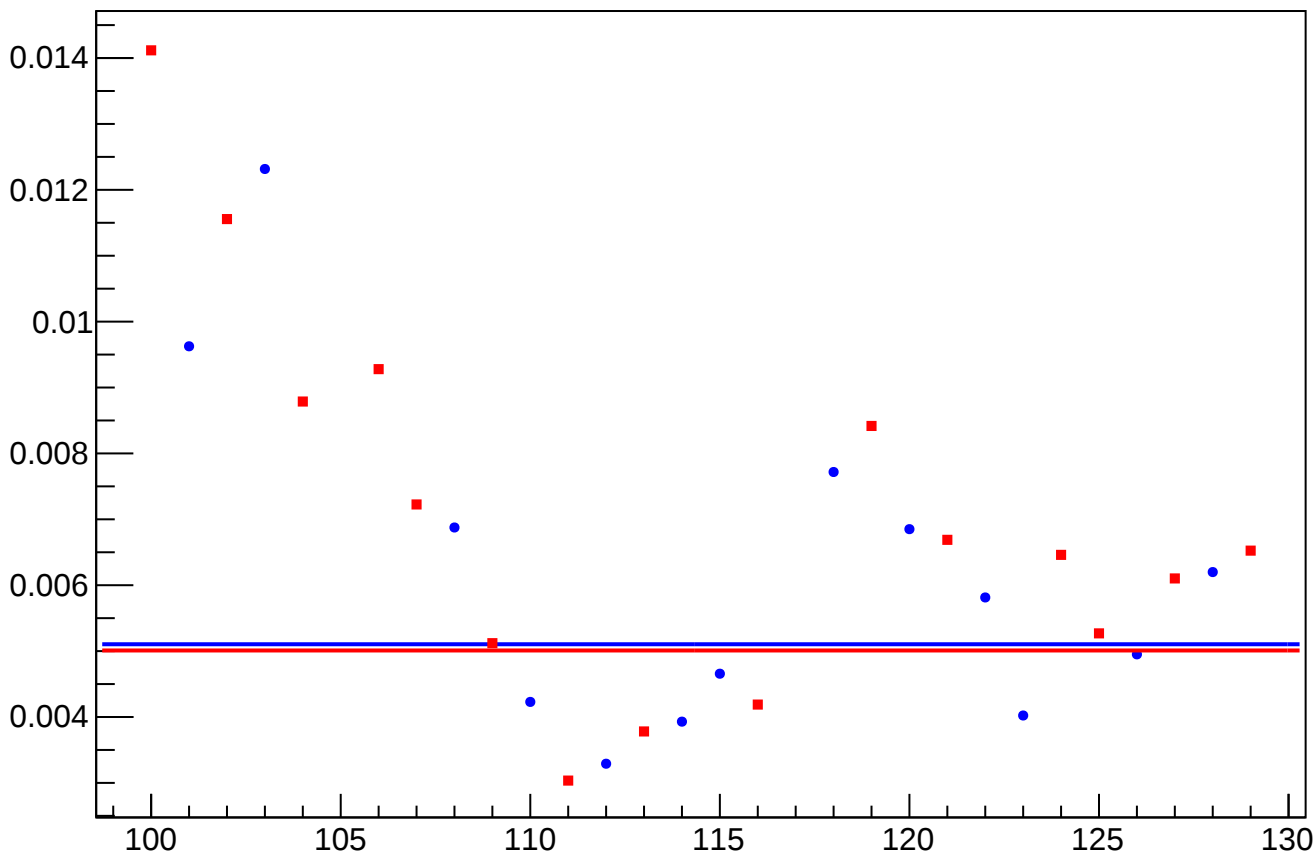
Right: 10.154+/-0.000 χ^2/NDF : 12290800689.9/27

In: 10.144+/-0.000 χ^2/NDF : 5387407221.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.154+/-0.000 χ^2/NDF : 12290800689.9

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1127570.7/12

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

Right Out: 0.005+/-0.000 χ^2/NDF : 1415634.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

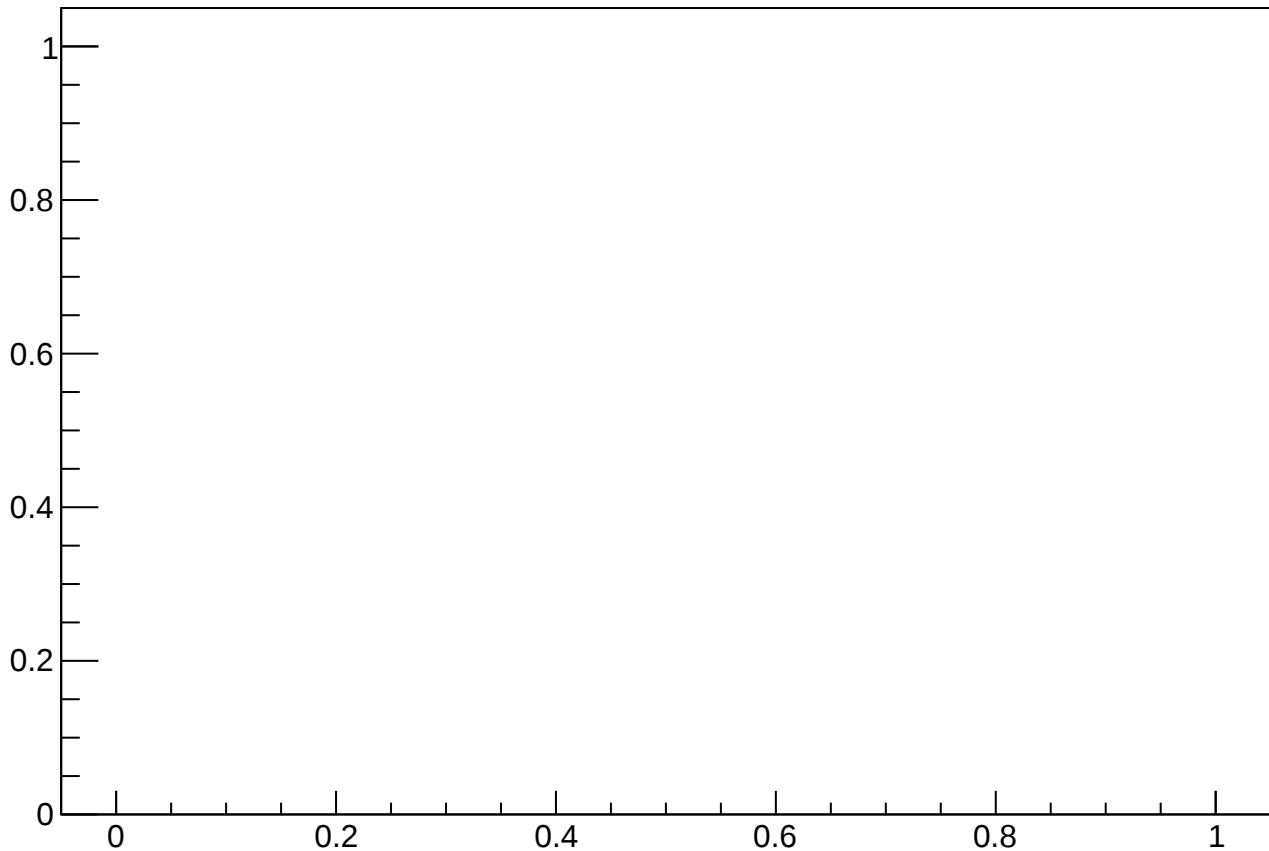
Right: 0.005+/-0.000 χ^2/NDF : 2544531.5/27

In: 0.005+/-0.000 χ^2/NDF : 1127570.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2544531.5/27

cor_sam1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

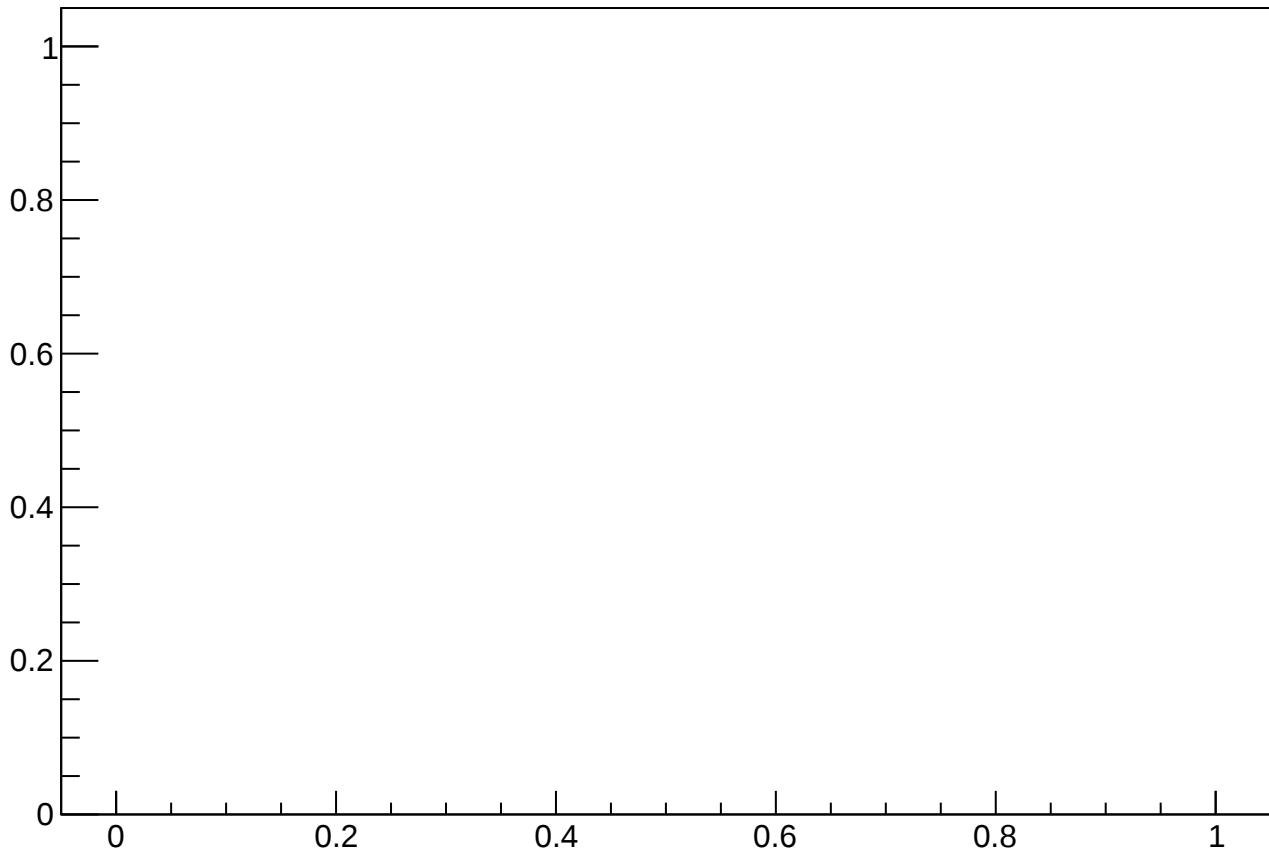
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam1_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

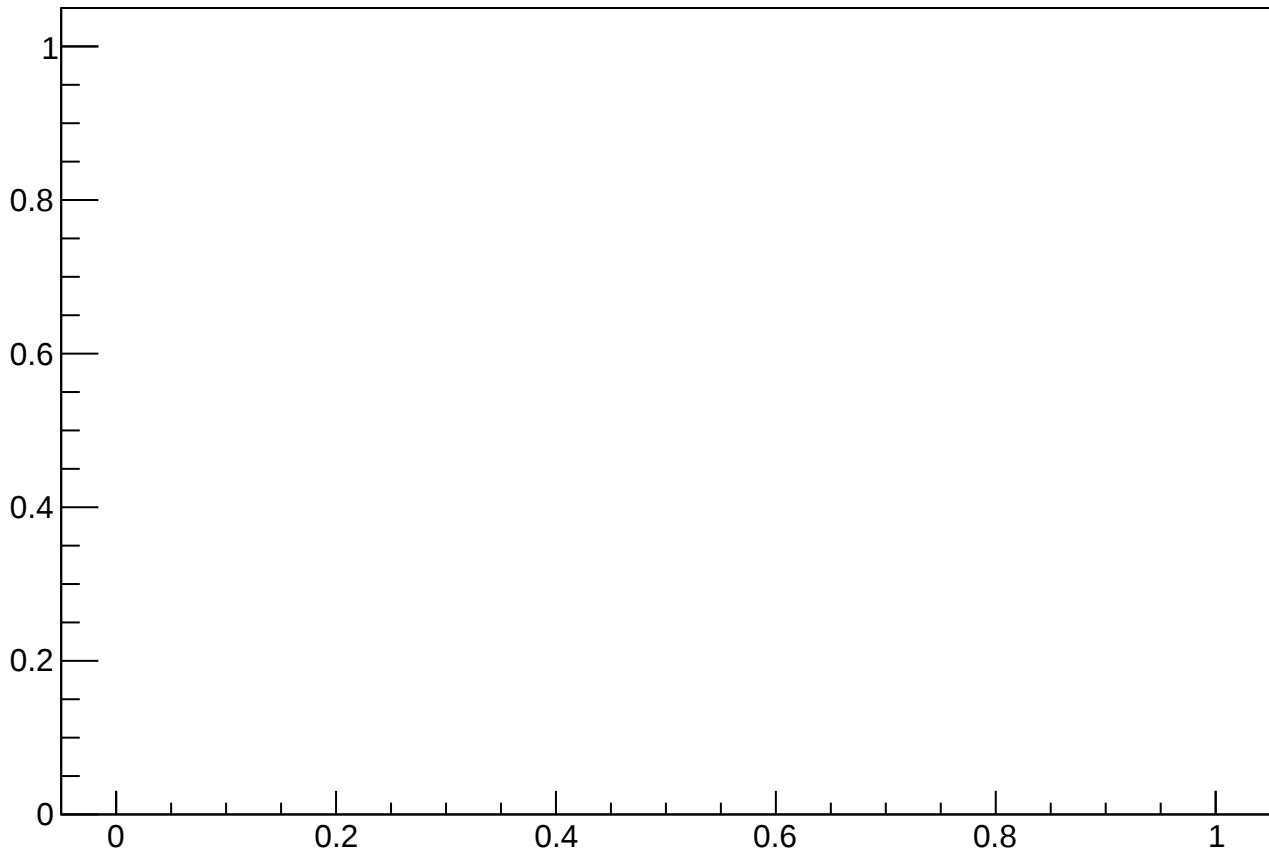
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam2_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

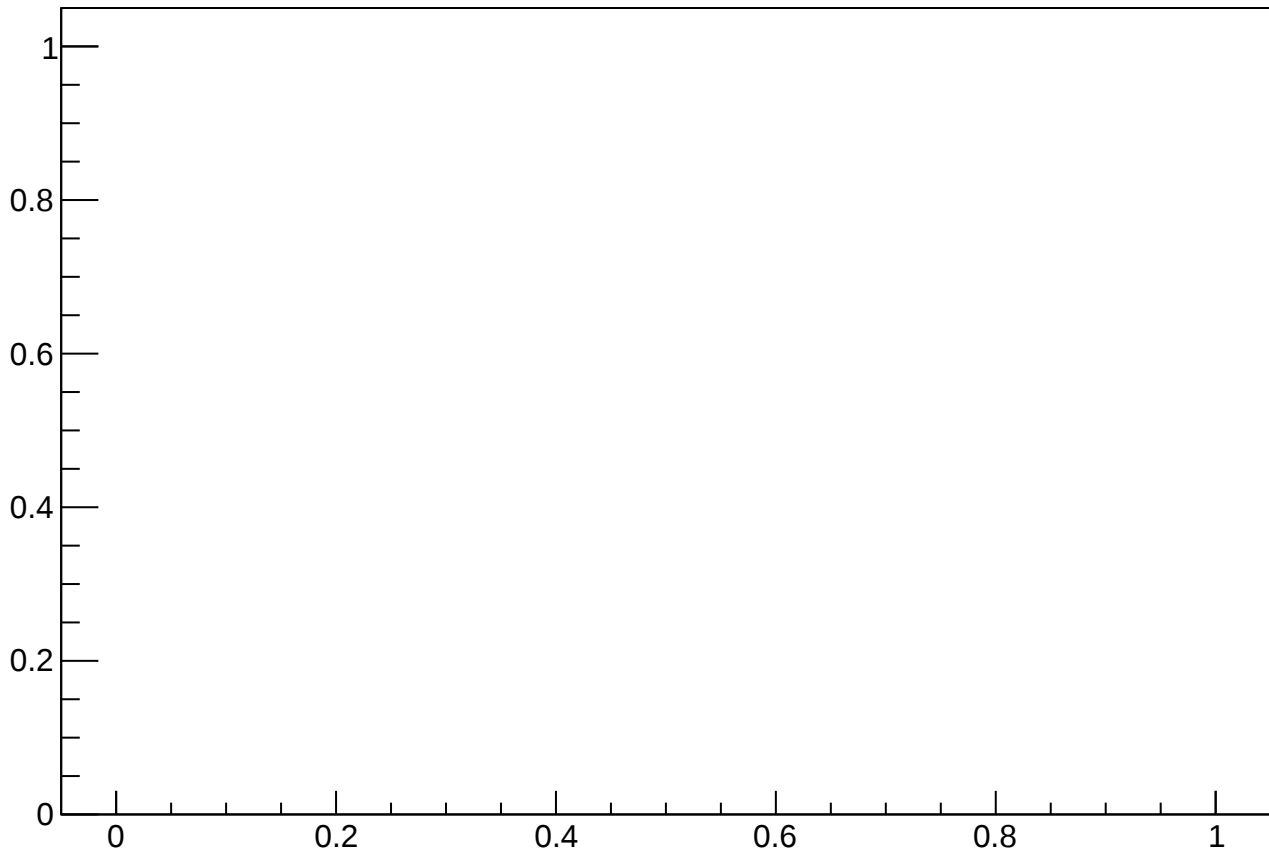
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam2_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

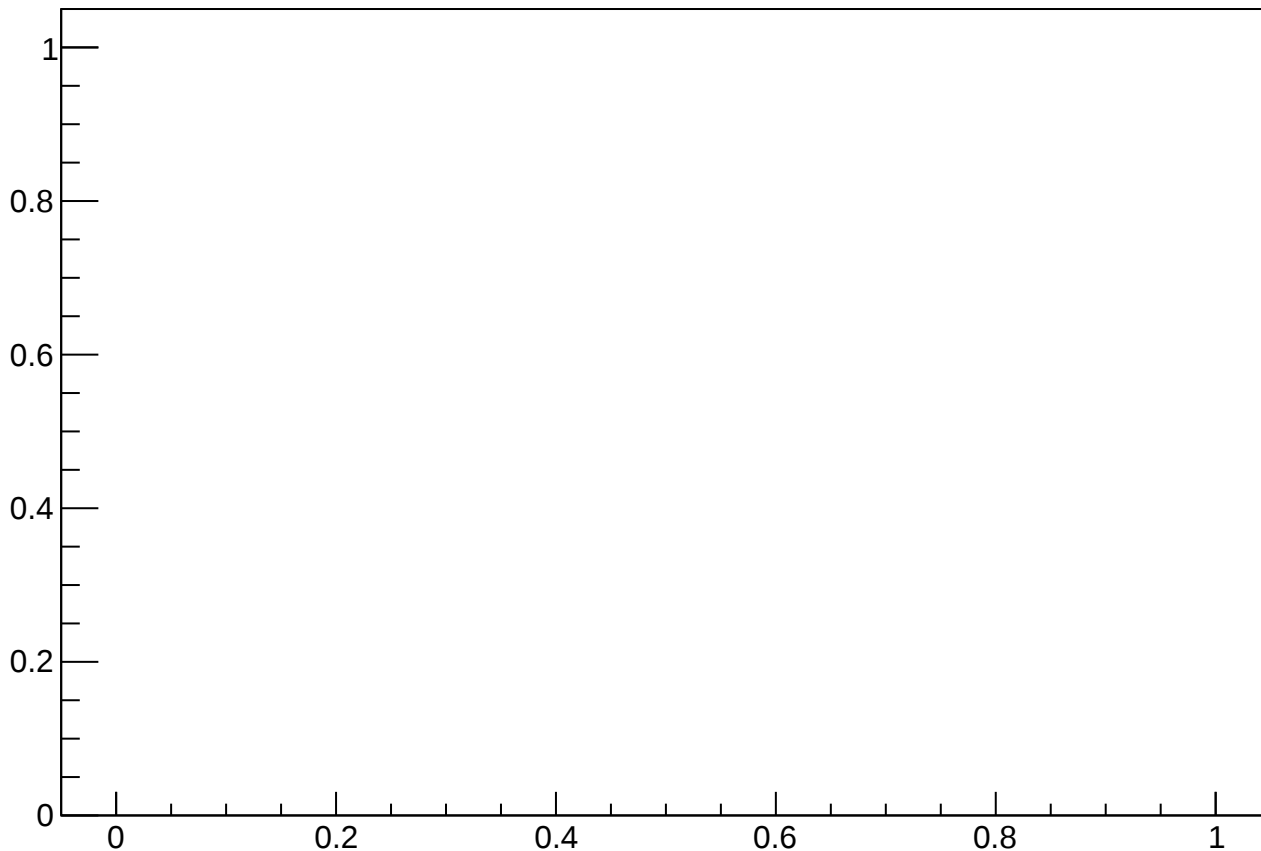
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

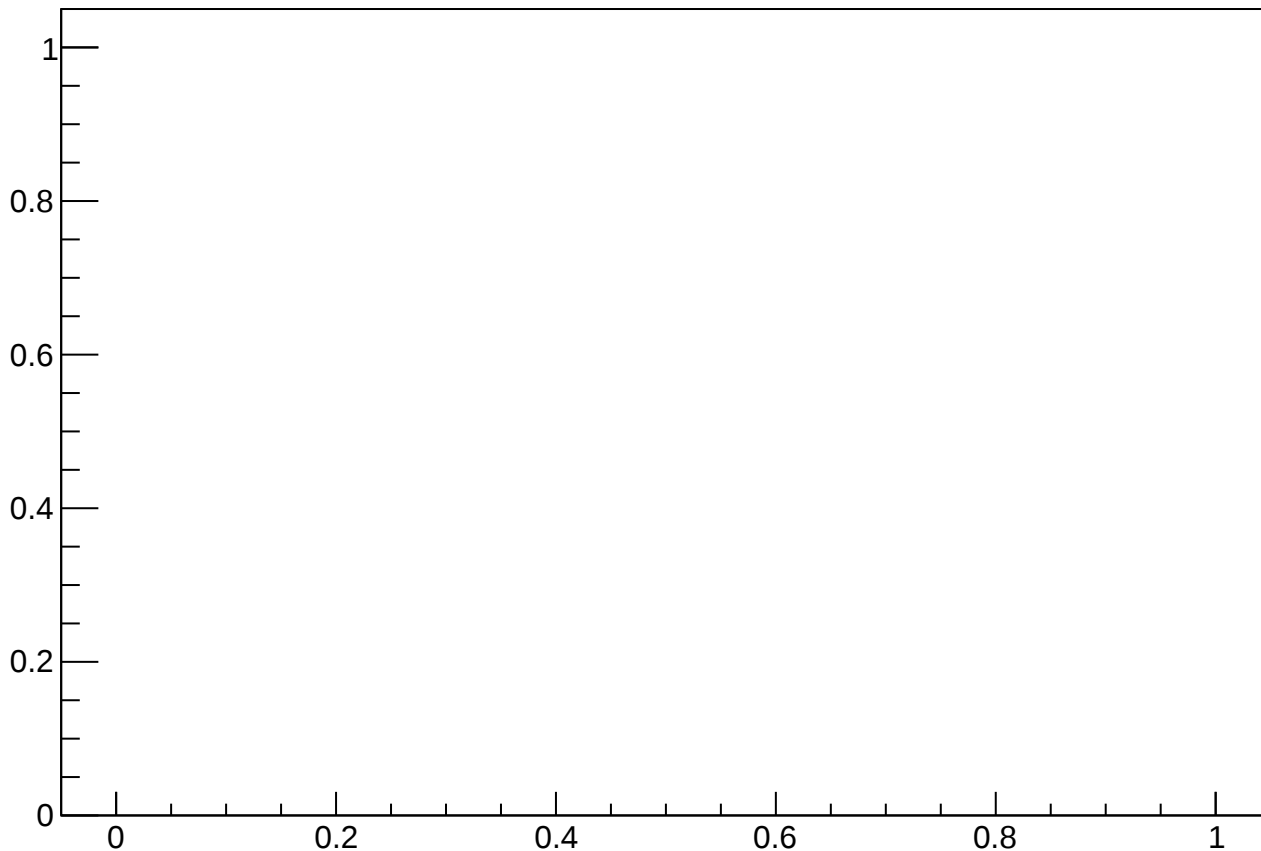
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam3_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

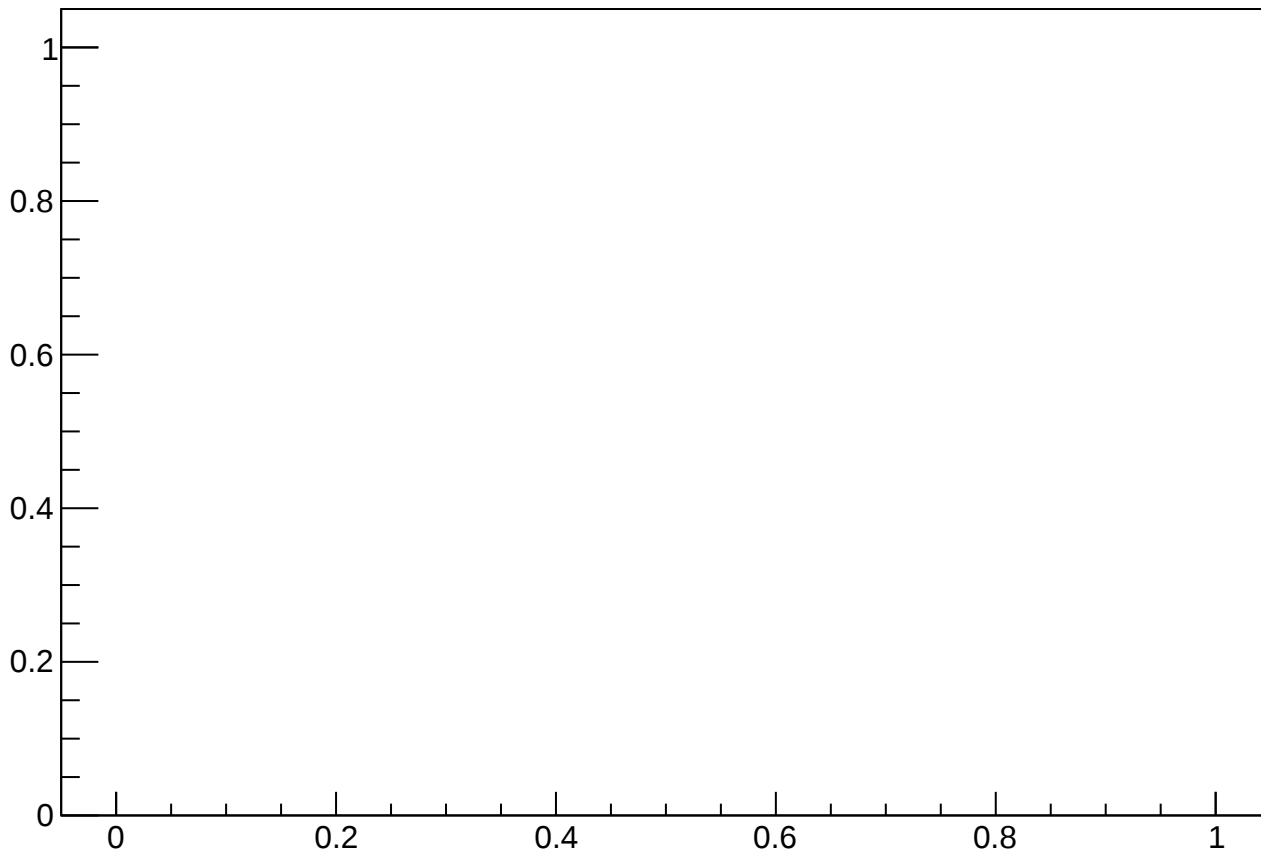
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

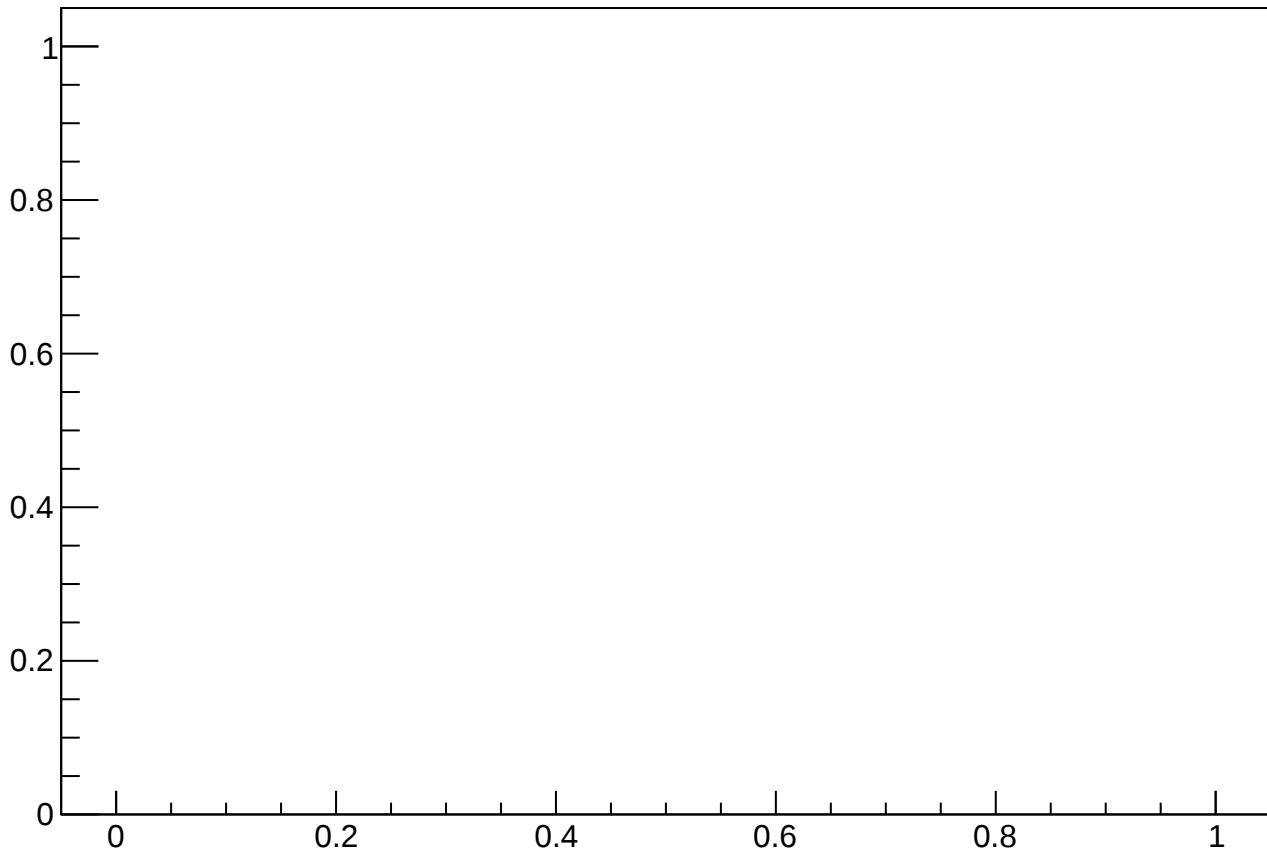
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam4_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

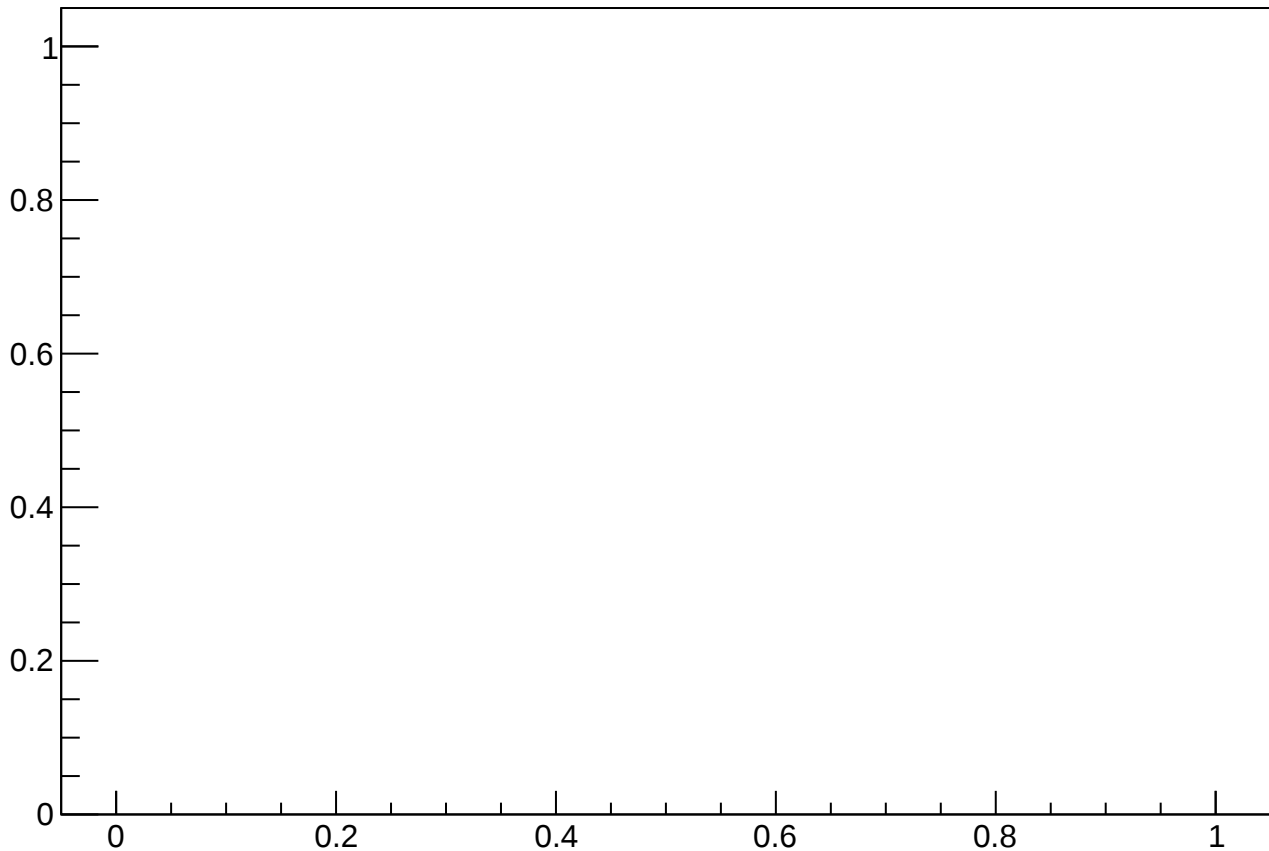
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam5_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

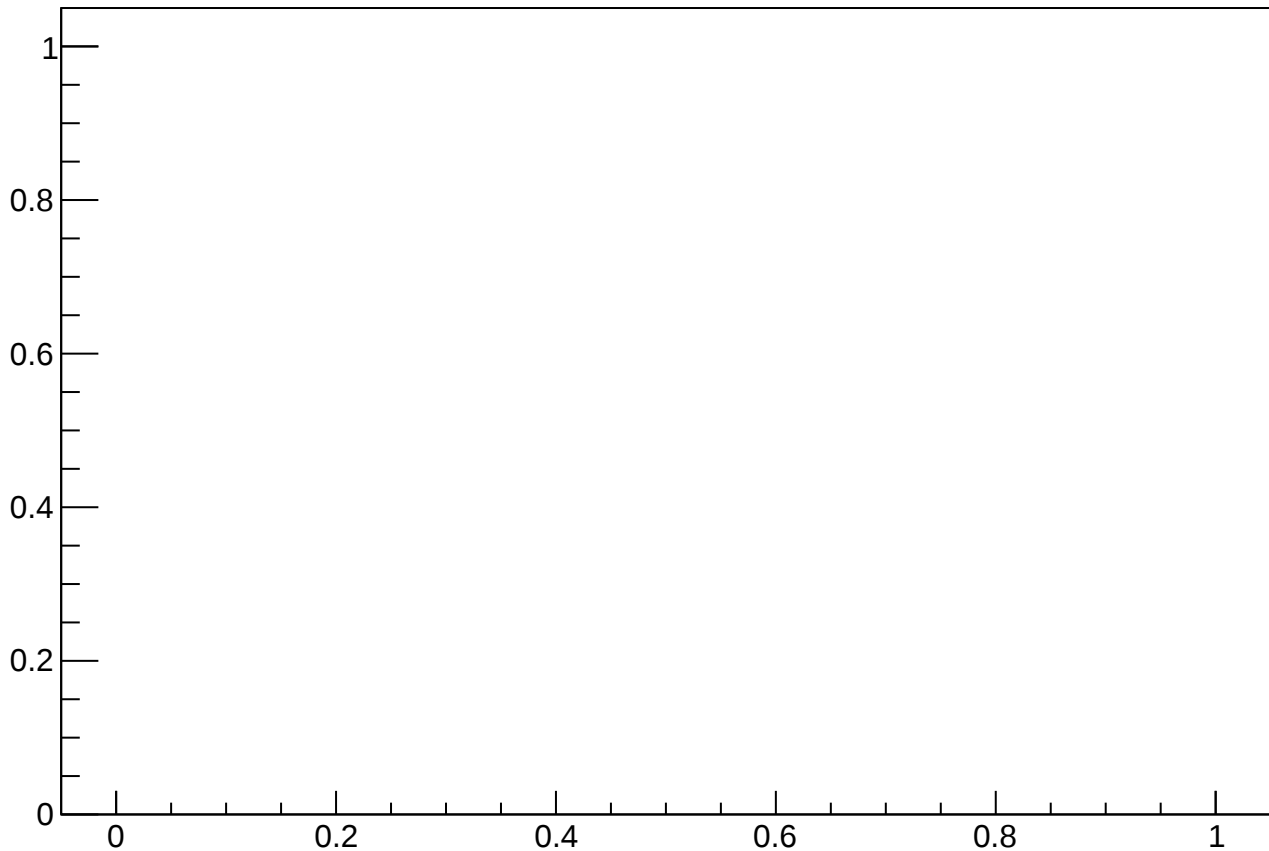
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam5_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

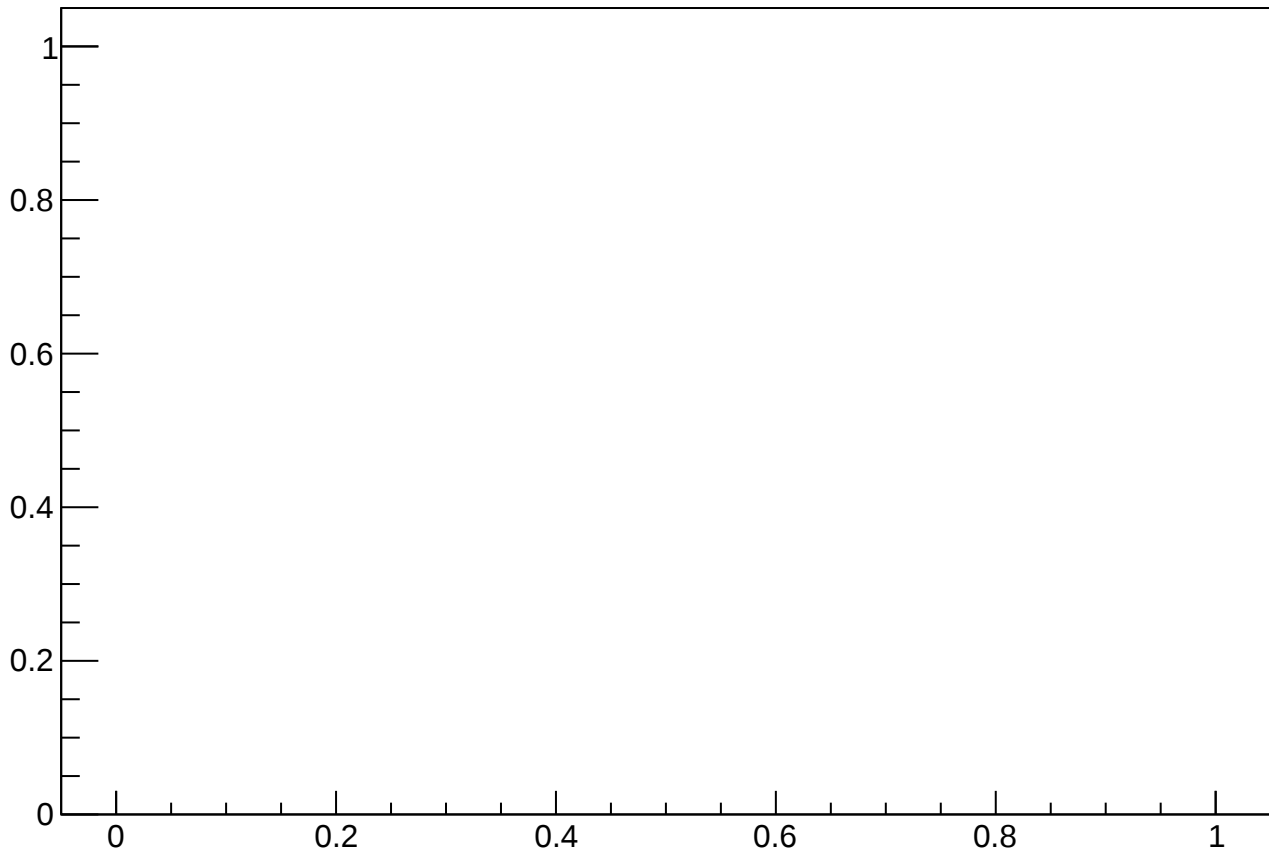
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

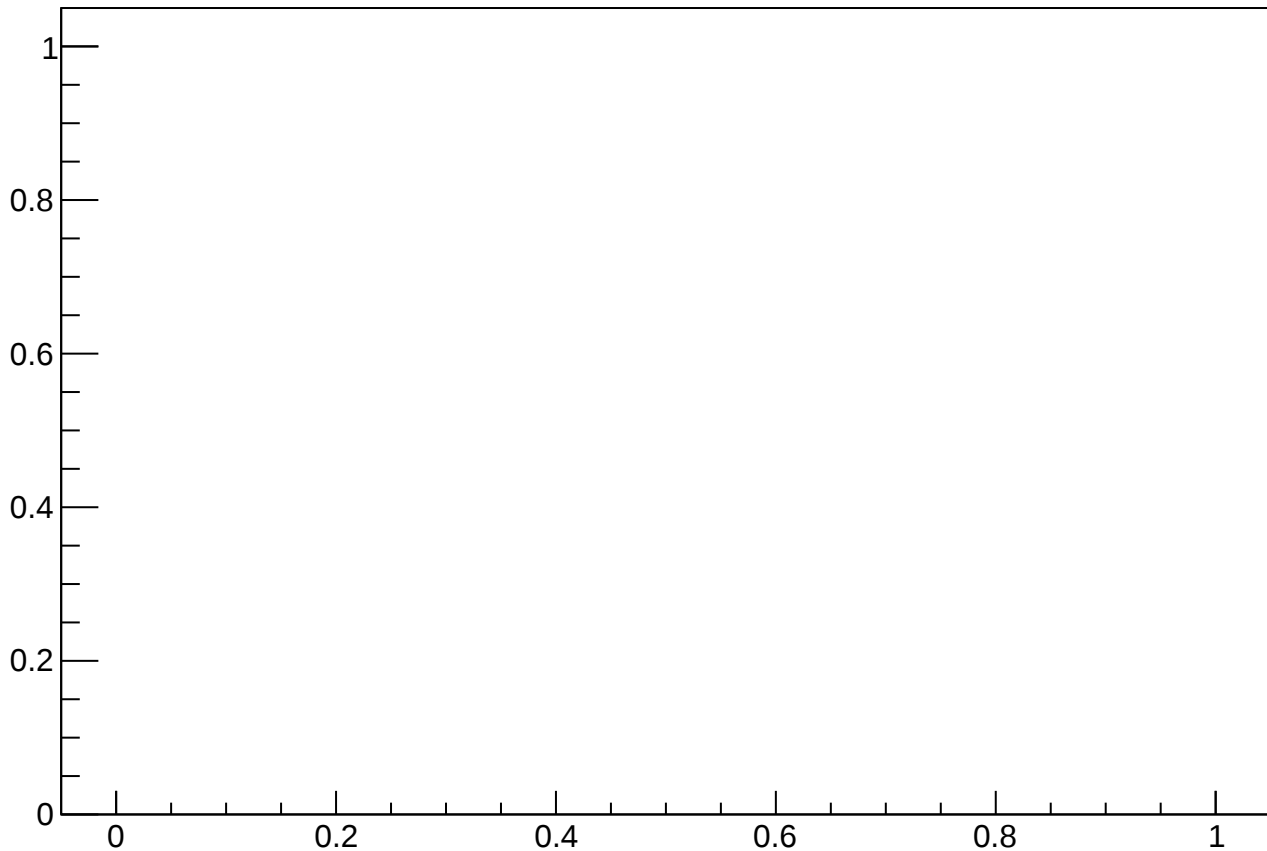
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam6_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

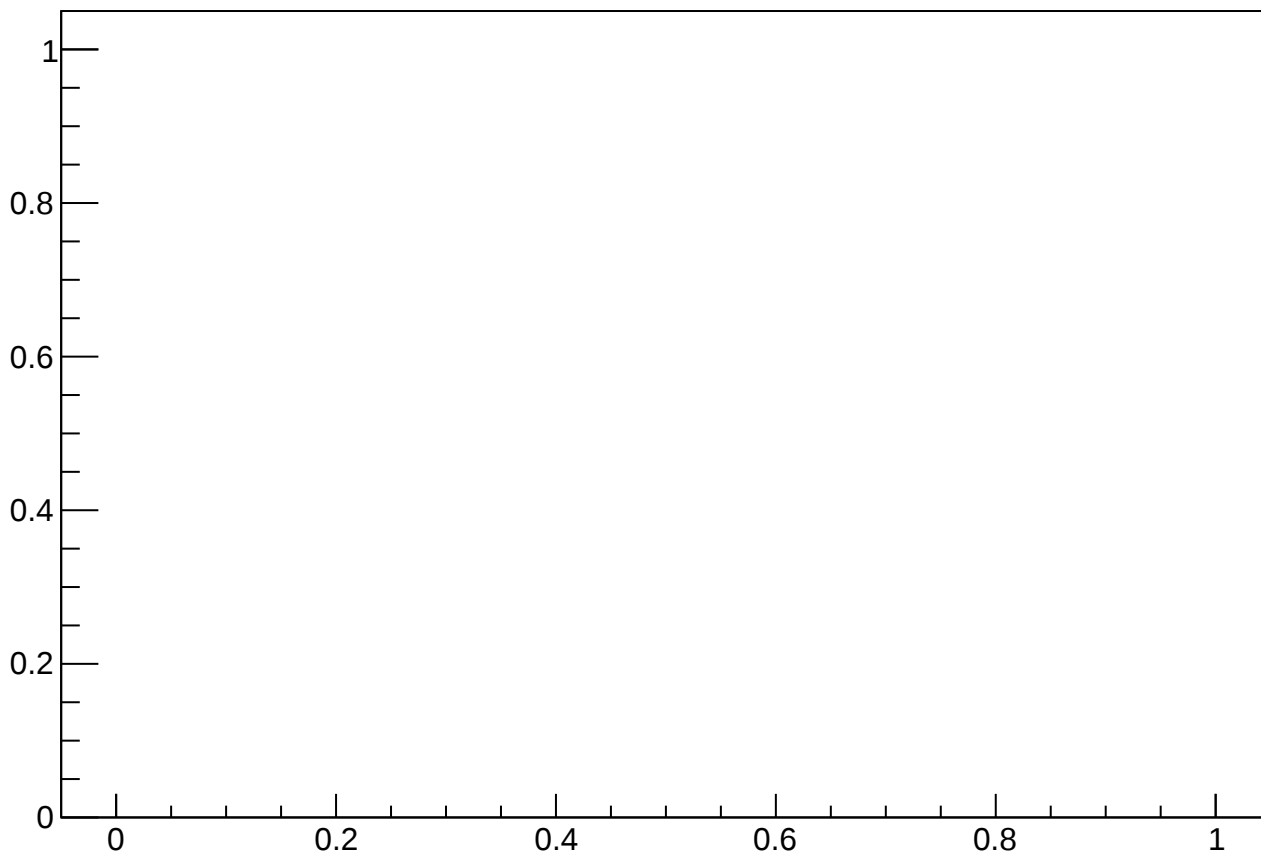
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

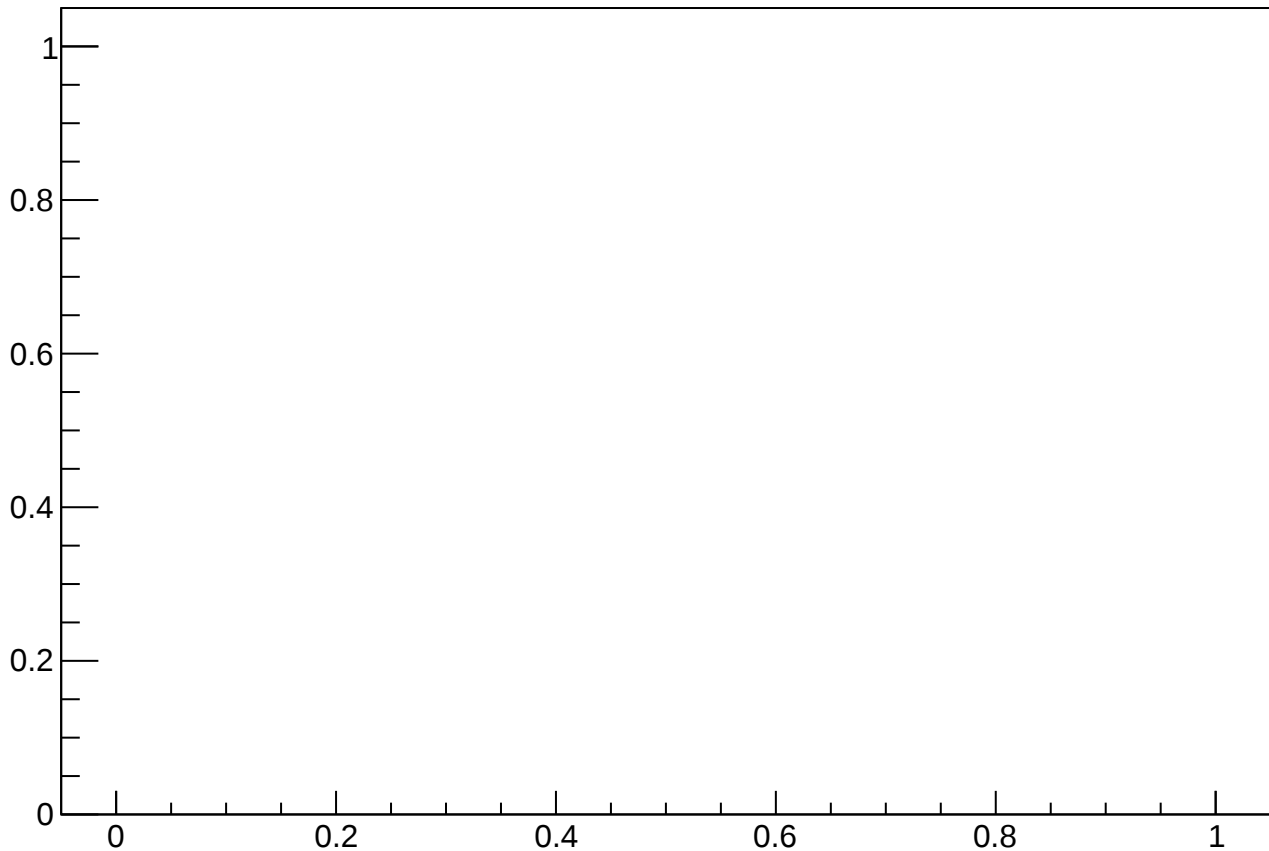
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam7_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam8_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

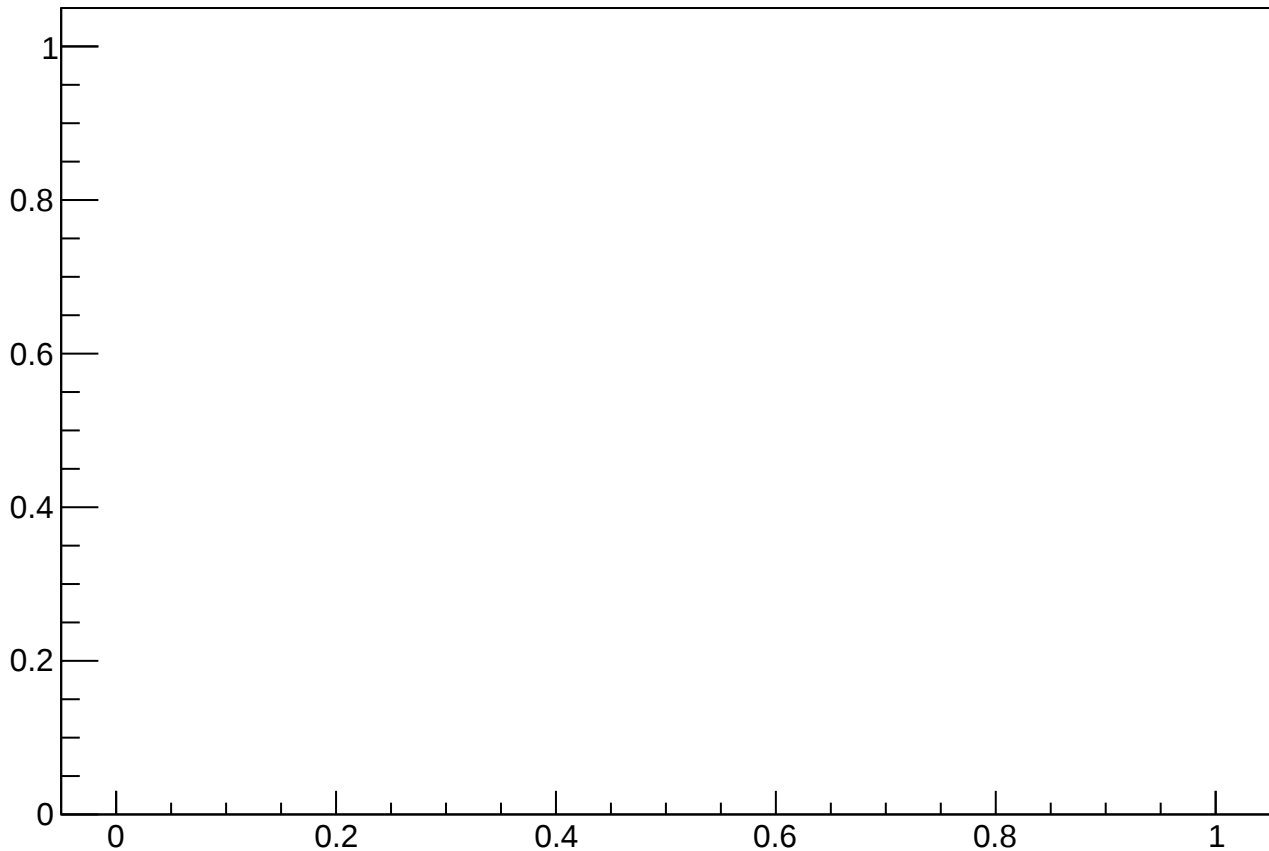
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam8_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

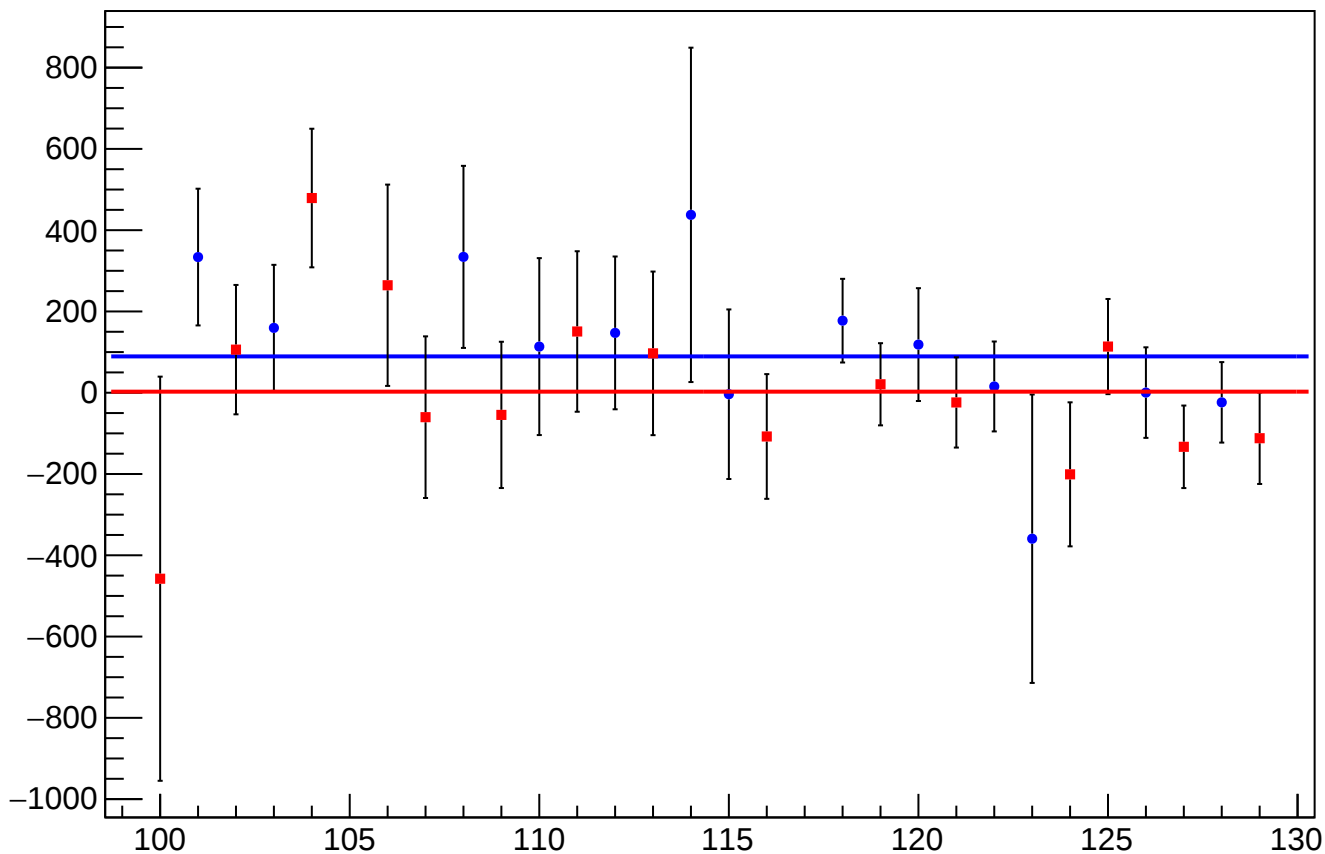
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam1_mean vs Slug, Sign Corrected



Right In: 89.392+/-41.048 χ^2/NDF : 9.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.636+/-37.723 χ^2/NDF : 16.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

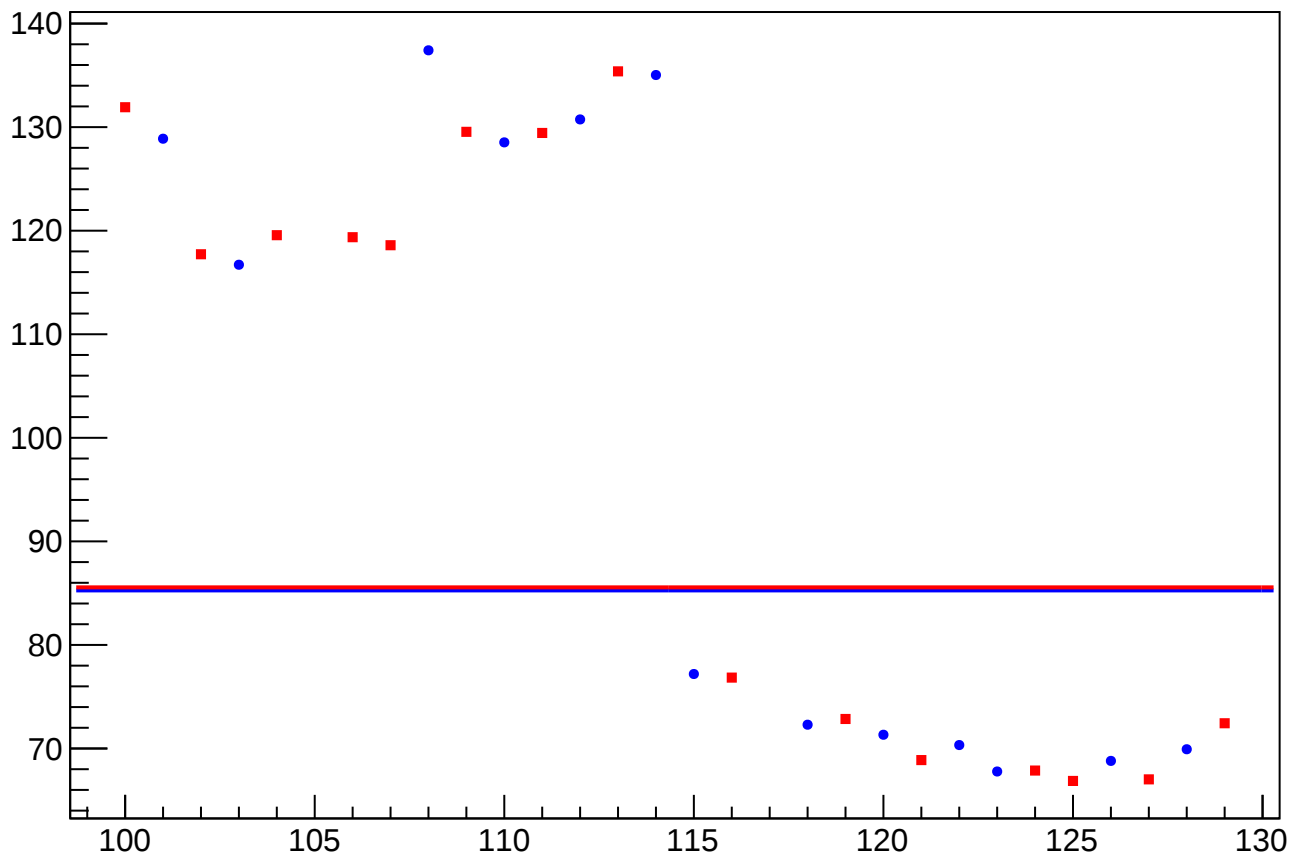
Right: 42.359+/-27.775 χ^2/NDF : 28.5/27

In: 89.392+/-41.048 χ^2/NDF : 9.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.359+/-27.775 χ^2/NDF : 28.5/27

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 85.265+/-0.029 χ^2/NDF : 738143.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.559+/-0.027 χ^2/NDF : 859728.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

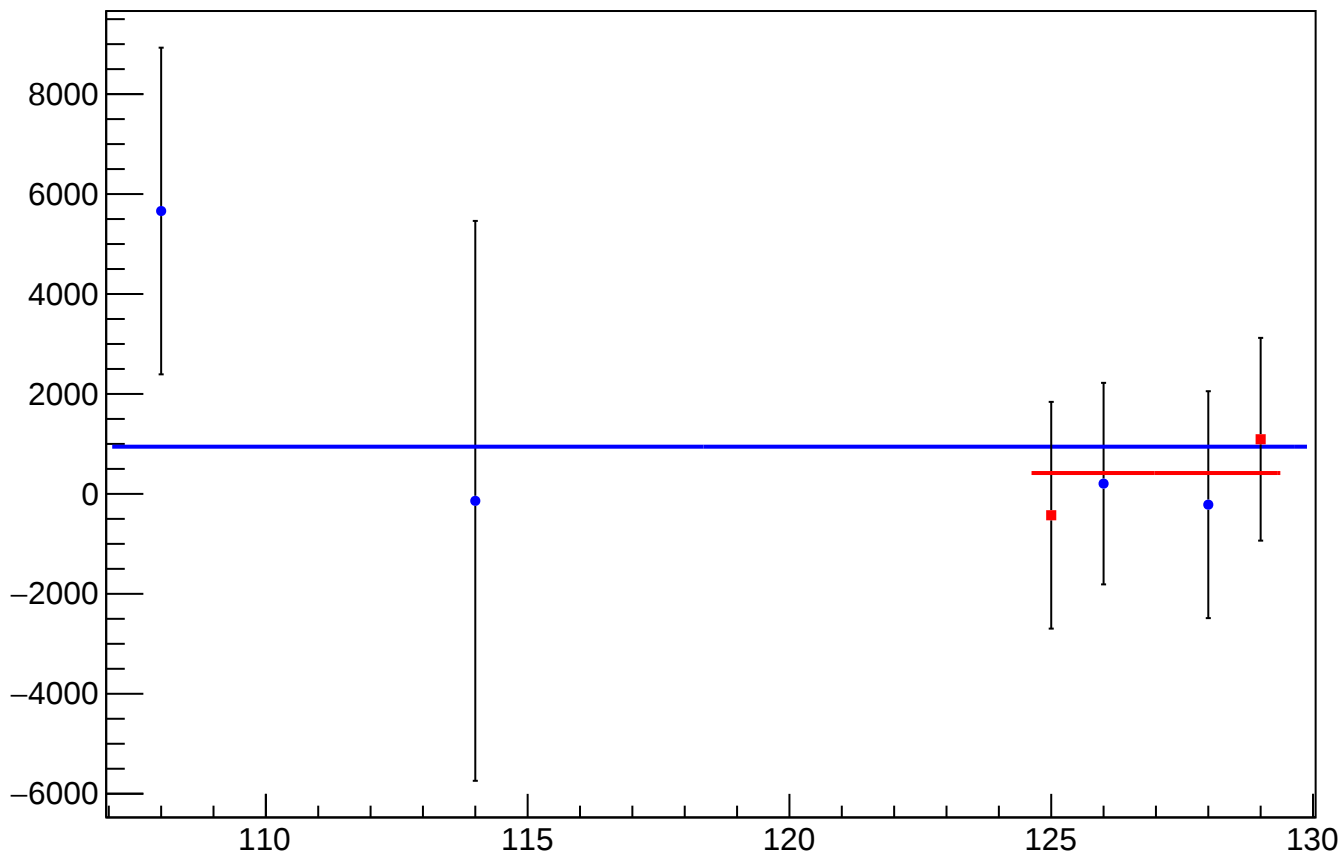
Right: 85.424+/-0.020 χ^2/NDF : 1597927.1/27

In: 85.265+/-0.029 χ^2/NDF : 738143.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.424+/-0.020 χ^2/NDF : 1597927.1/27

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: 944.622+/-1329.889 χ^2/NDF : 2.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 417.575+/-1512.265 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

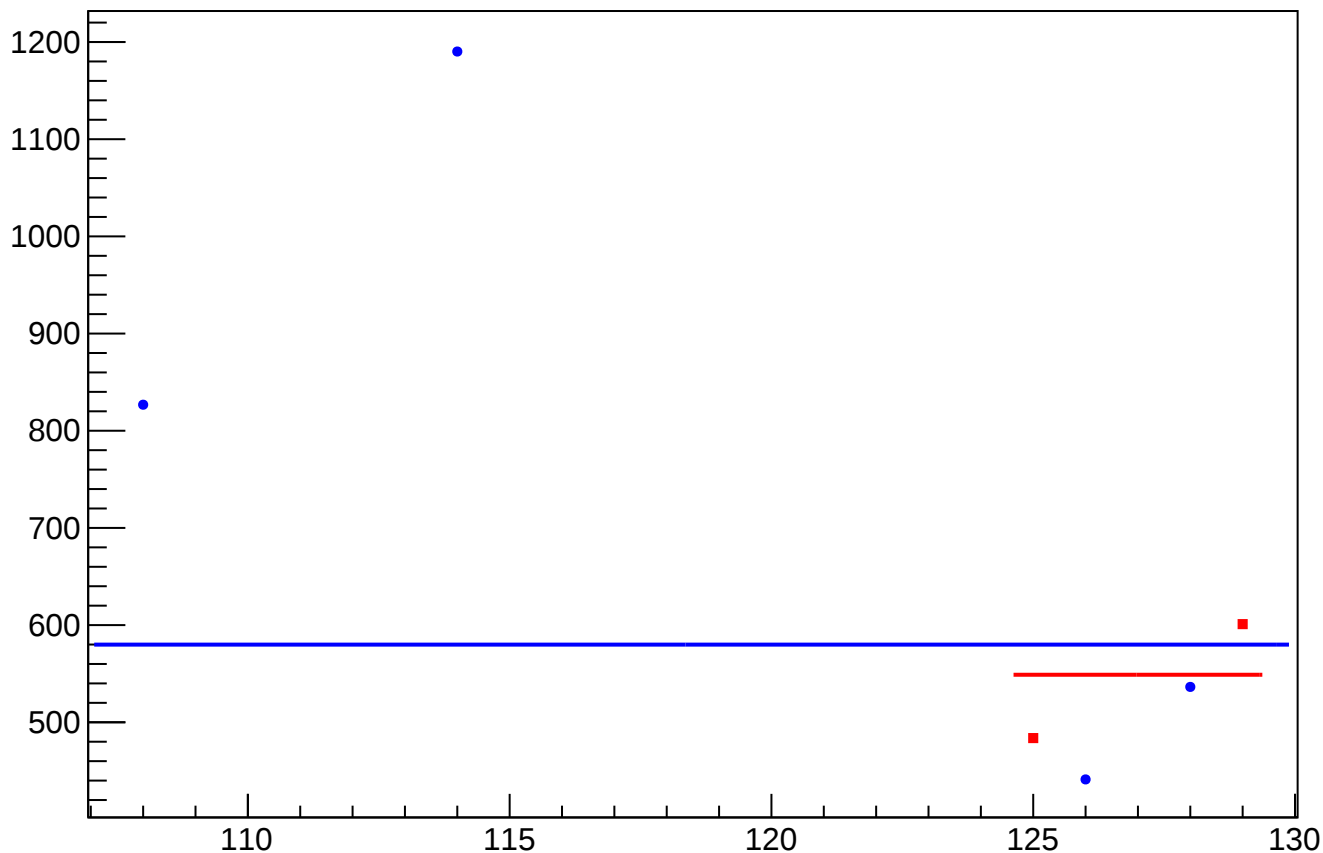
Right: 714.780+/-998.662 χ^2/NDF : 2.8/5

In: 944.622+/-1329.889 χ^2/NDF : 2.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 714.780+/-998.662 χ^2/NDF : 2.8/5

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 579.917+/-0.940 χ^2/NDF : 45346.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 548.904+/-1.069 χ^2/NDF : 2969.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

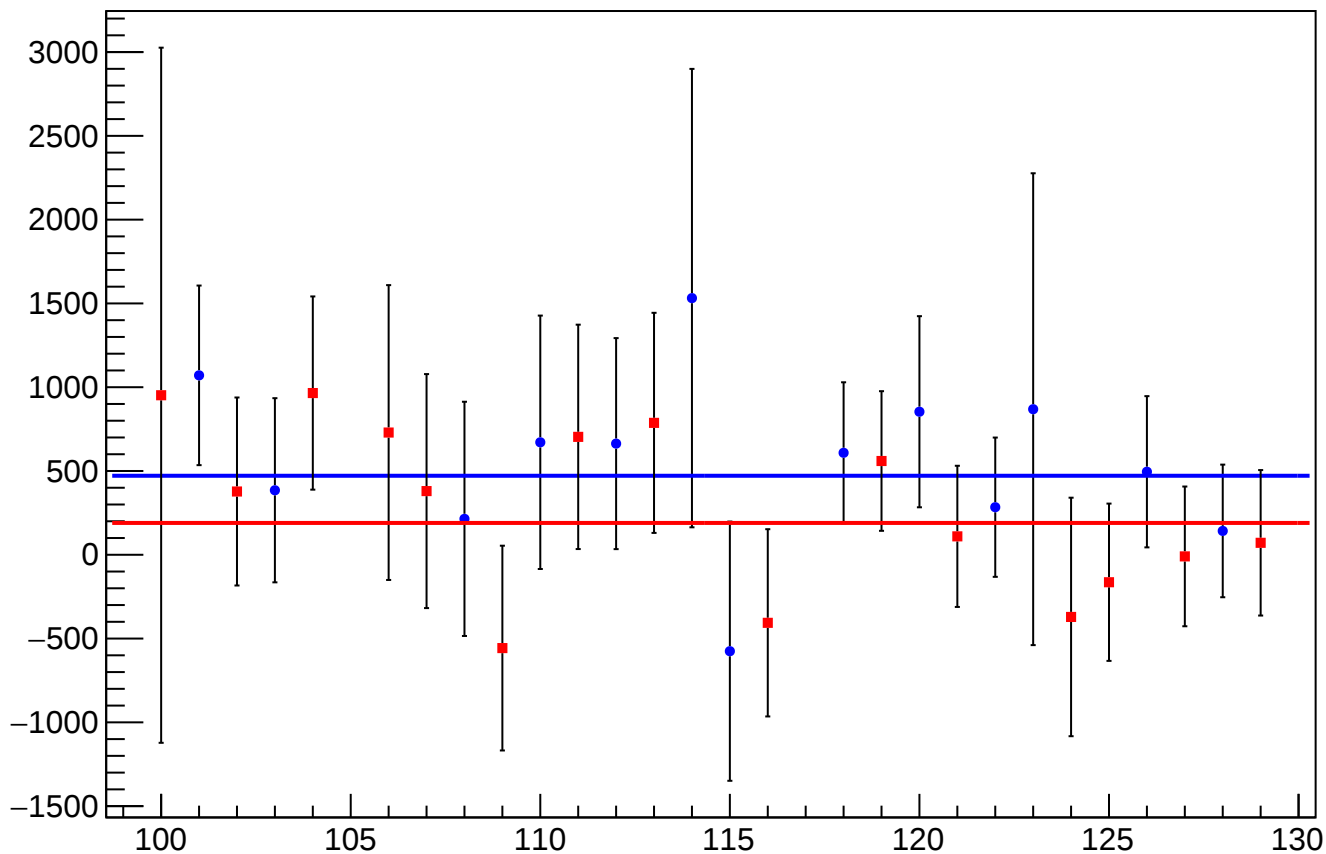
Right: 566.392+/-0.706 χ^2/NDF : 48790.2/5

In: 579.917+/-0.940 χ^2/NDF : 45346.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 566.392+/-0.706 χ^2/NDF : 48790.2/5

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 471.573+/-154.990 χ^2/NDF : 5.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 189.989+/-142.619 χ^2/NDF : 8.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

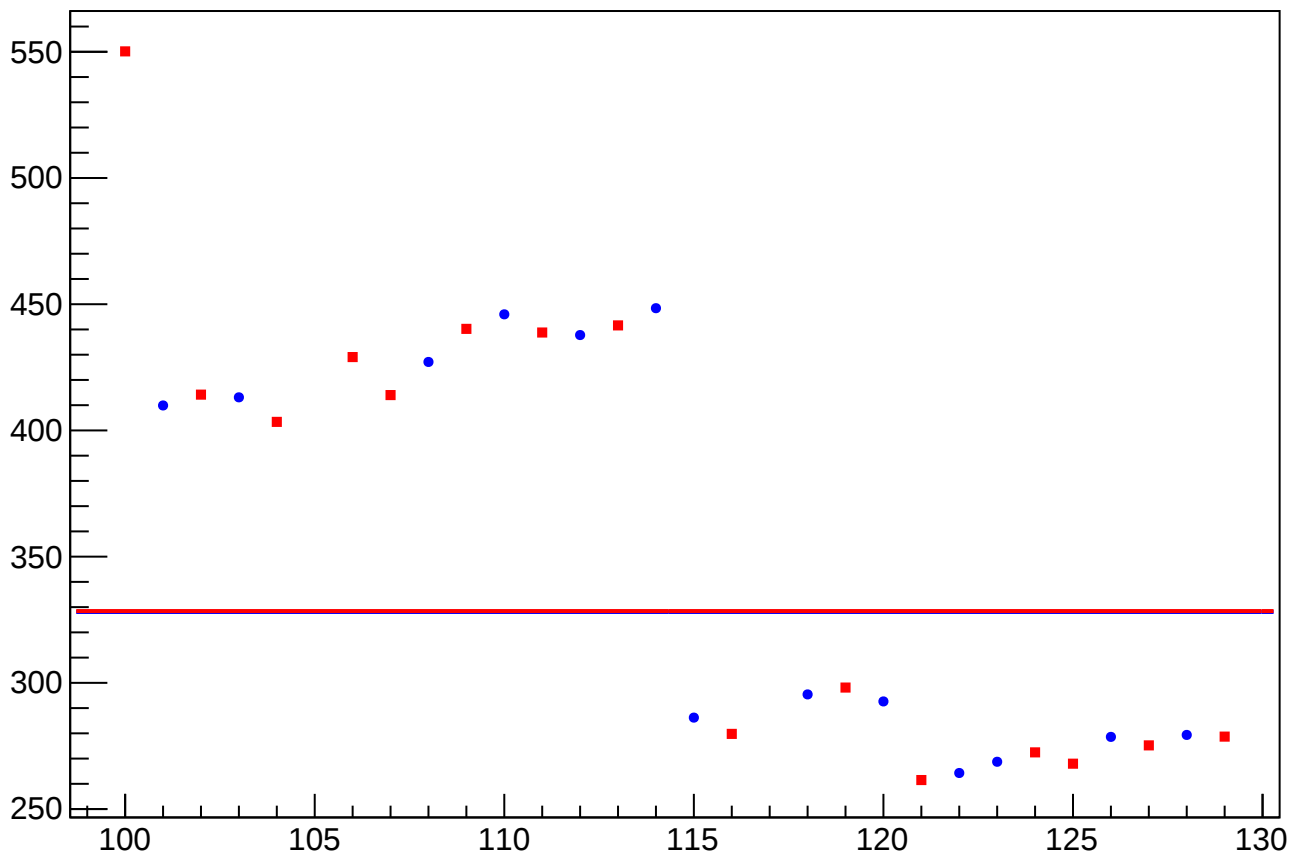
Right: 319.096+/-104.948 χ^2/NDF : 16.2/27

In: 471.573+/-154.990 χ^2/NDF : 5.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 319.096+/-104.948 χ^2/NDF : 16.2/27

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 328.079+/-0.110 χ^2/NDF : 390132.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 328.445+/-0.101 χ^2/NDF : 520900.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

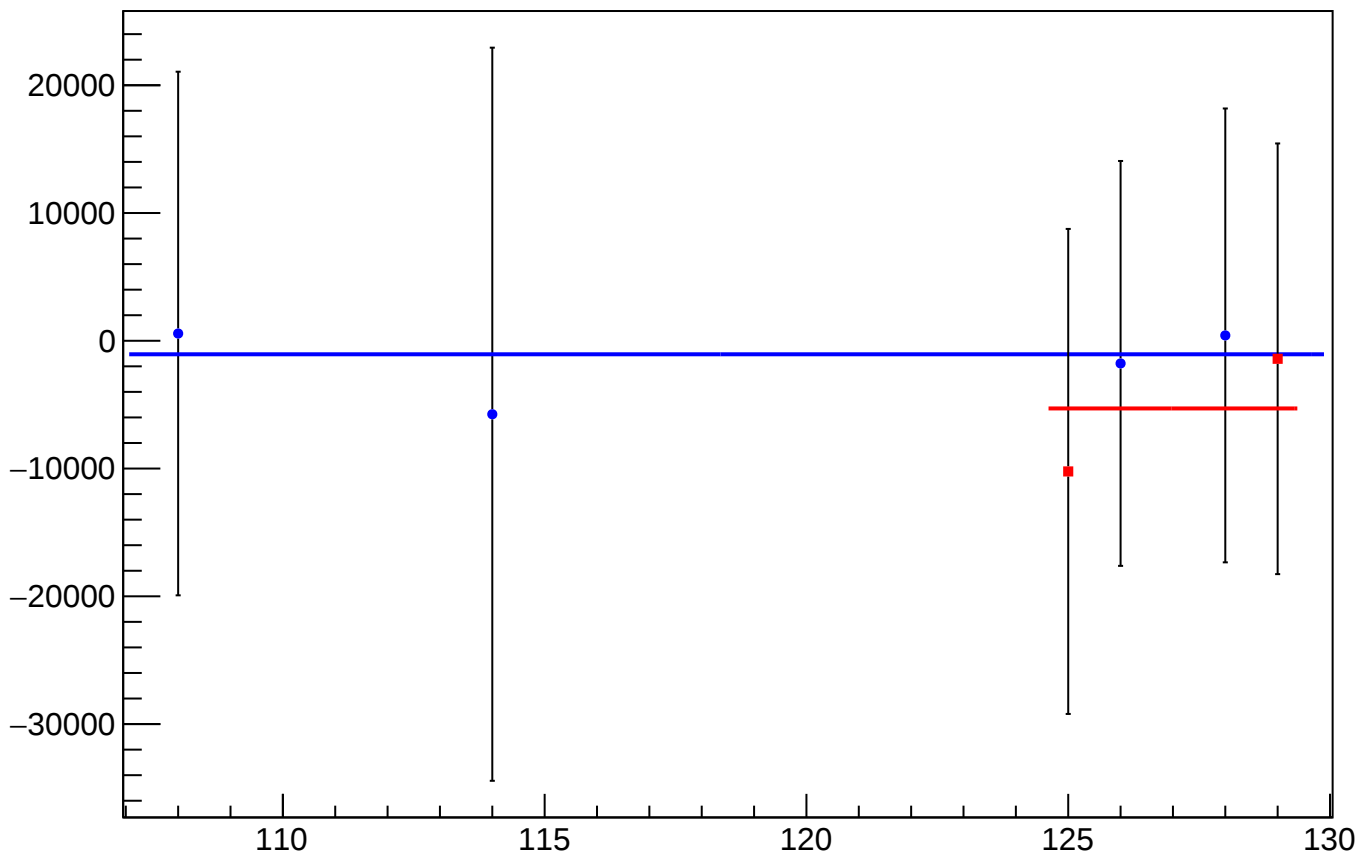
Right: 328.277+/-0.074 χ^2/NDF : 911039.6/27

In: 328.079+/-0.110 χ^2/NDF : 390132.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.277+/-0.074 χ^2/NDF : 911039.6/27

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -1057.023+/-9645.185 χ^2/NDF : 0.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5296.422+/-12602.583 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

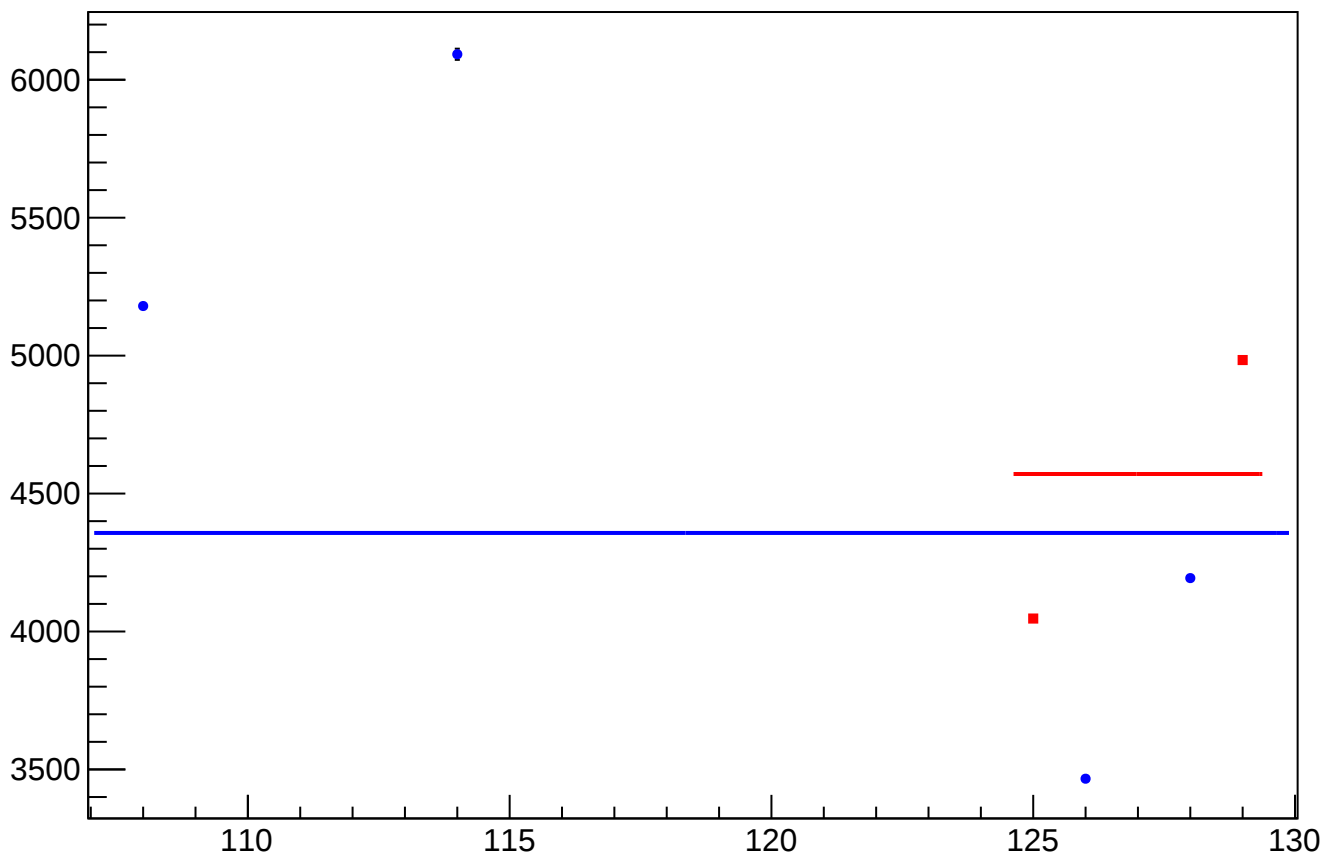
Right: -2622.964+/-7659.406 χ^2/NDF : 0.2/5

In: -1057.023+/-9645.185 χ^2/NDF : 0.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2622.964+/-7659.406 χ^2/NDF : 0.2/5

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 4357.248+/-6.820 χ^2/NDF : 17030.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4570.924+/-8.911 χ^2/NDF : 2725.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

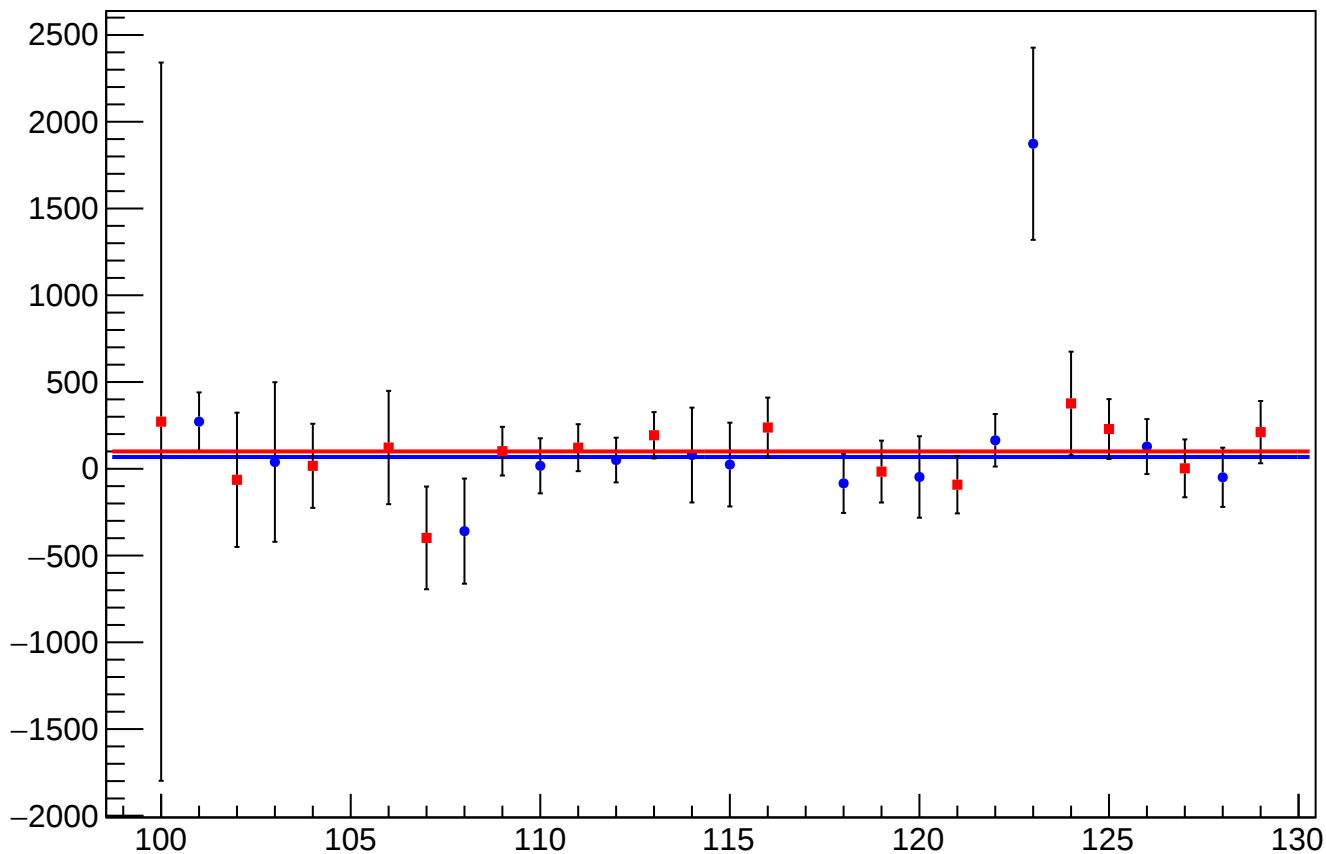
Right: 4436.175+/-5.416 χ^2/NDF : 20118.5/5

In: 4357.248+/-6.820 χ^2/NDF : 17030.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4436.175+/-5.416 χ^2/NDF : 20118.5/5

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 67.705+/-53.070 χ^2/NDF : 16.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.941+/-48.798 χ^2/NDF : 8.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

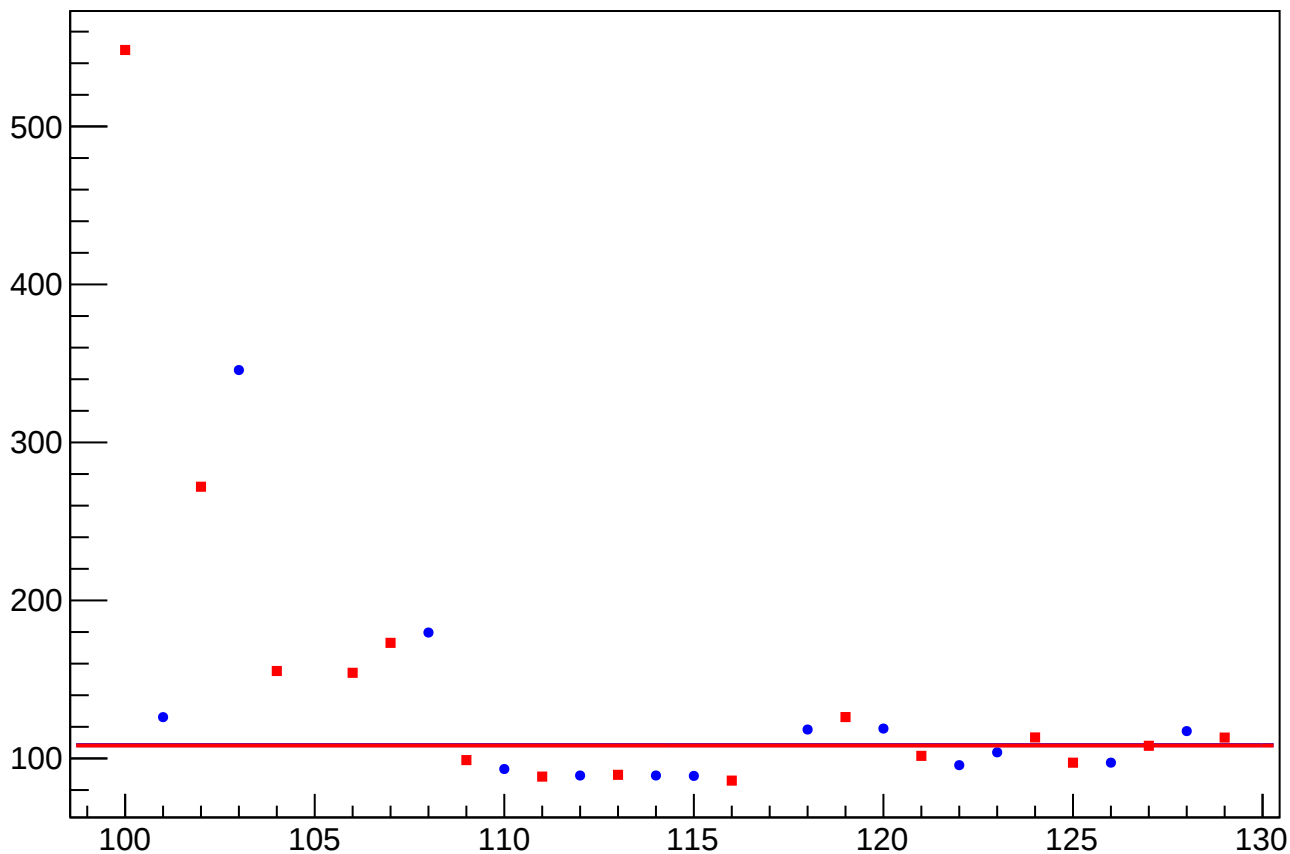
Right: 85.172+/-35.921 χ^2/NDF : 24.7/27

In: 67.705+/-53.070 χ^2/NDF : 16.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.172+/-35.921 χ^2/NDF : 24.7/27

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 108.412+/-0.038 χ^2/NDF : 791351.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.196+/-0.035 χ^2/NDF : 817158.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

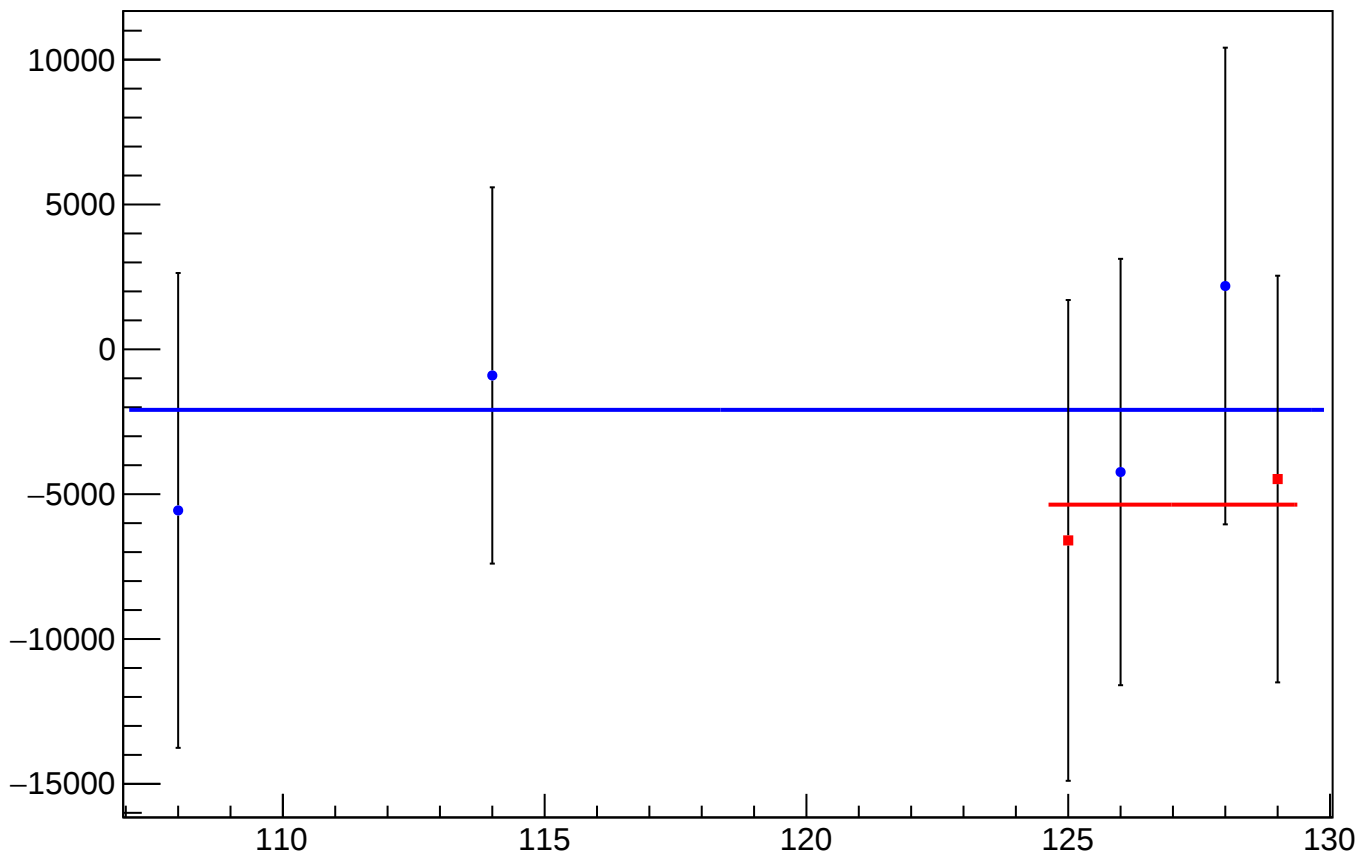
Right: 108.295+/-0.025 χ^2/NDF : 1608528.4/27

In: 108.412+/-0.038 χ^2/NDF : 791351.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.295+/-0.025 χ^2/NDF : 1608528.4/27

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -2089.367+/-3731.168 χ^2/NDF : 0.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5361.173+/-5359.182 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

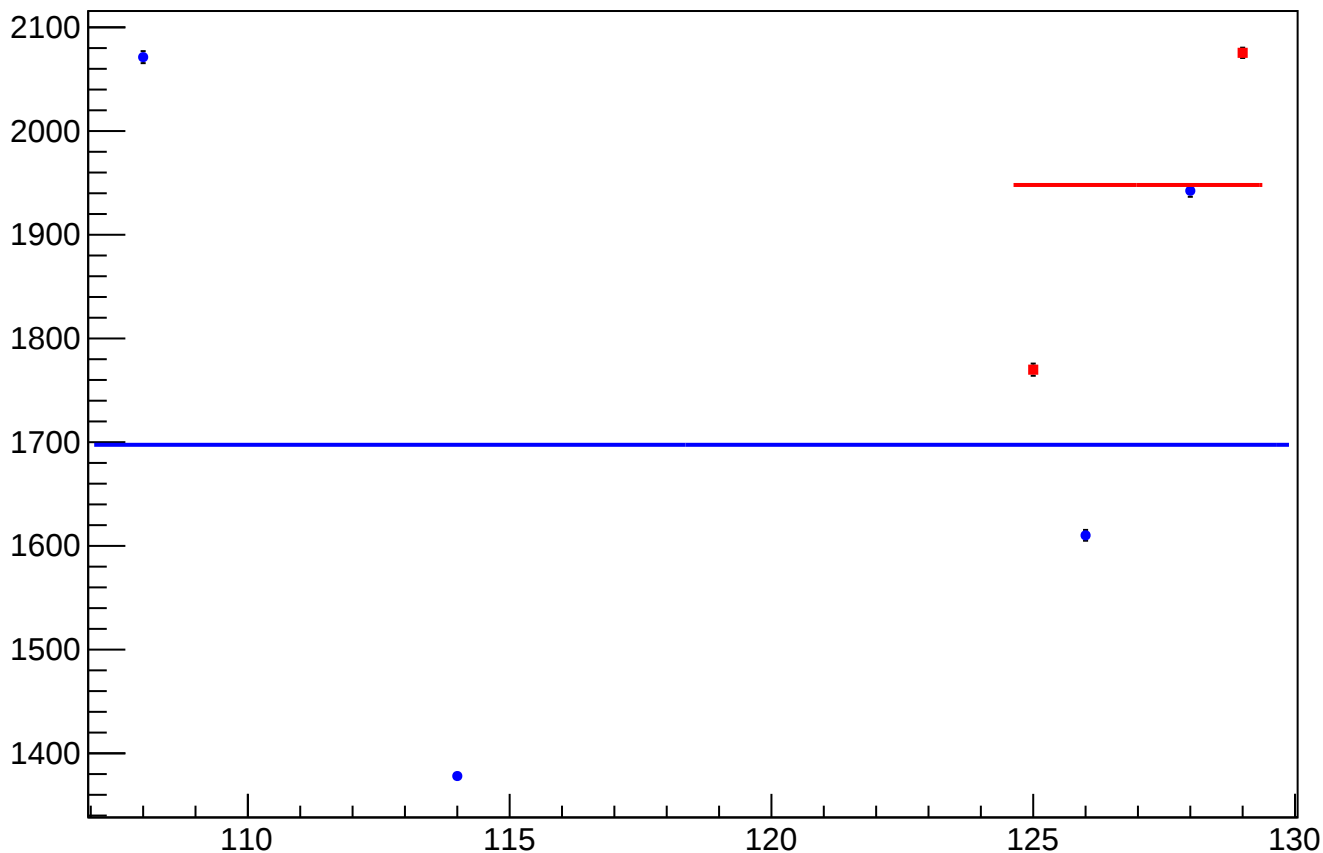
Right: -3157.524+/-3062.120 χ^2/NDF : 0.9/5

In: -2089.367+/-3731.168 χ^2/NDF : 0.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3157.524+/-3062.120 χ^2/NDF : 0.9/5

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1697.477+/-2.638 χ^2/NDF : 11050.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1948.007+/-3.790 χ^2/NDF : 1580.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

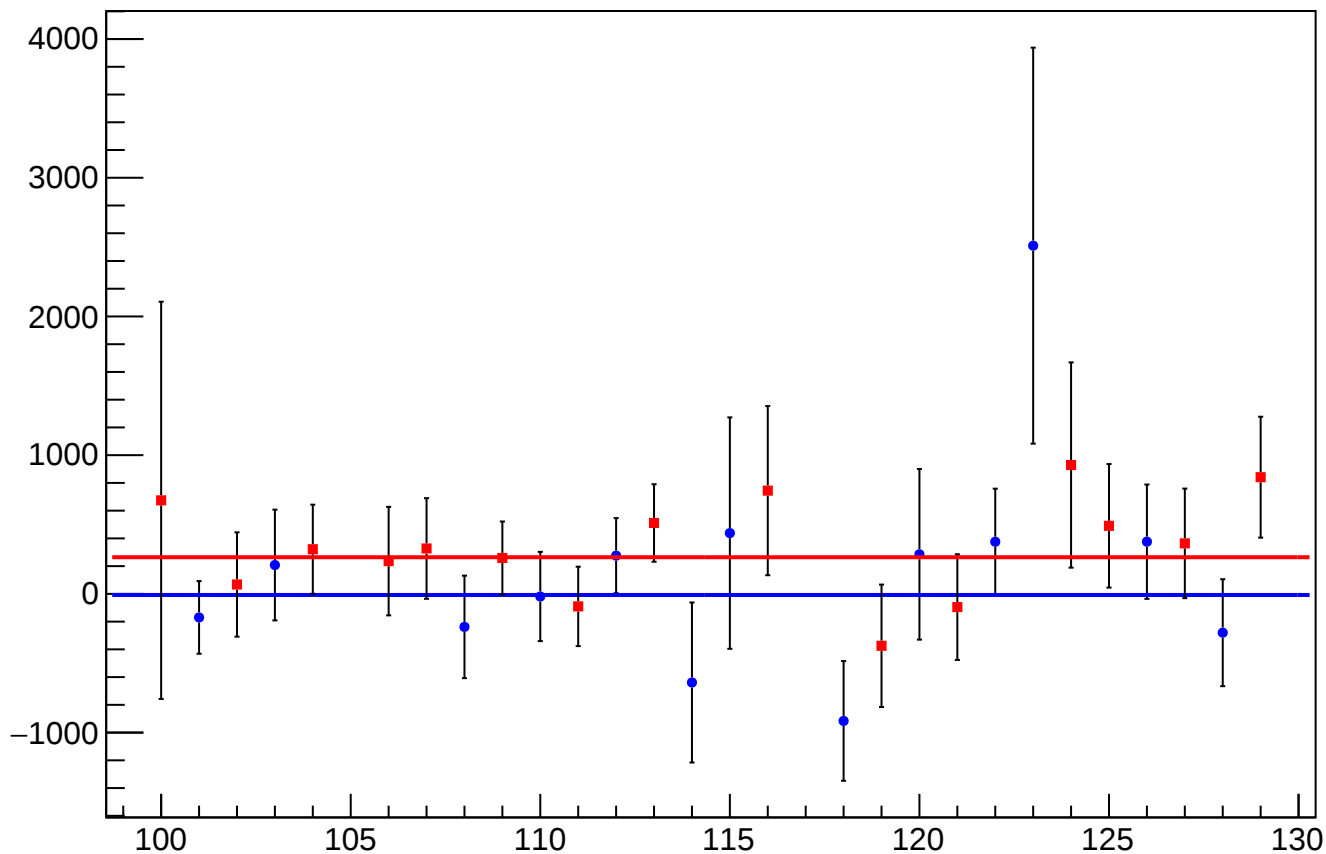
Right: 1779.268+/-2.165 χ^2/NDF : 15574.0/5

In: 1697.477+/-2.638 χ^2/NDF : 11050.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1779.268+/-2.165 χ^2/NDF : 15574.0/5

reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: -7.846 ± 109.185 χ^2/NDF : 13.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 264.185 ± 97.991 χ^2/NDF : 9.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

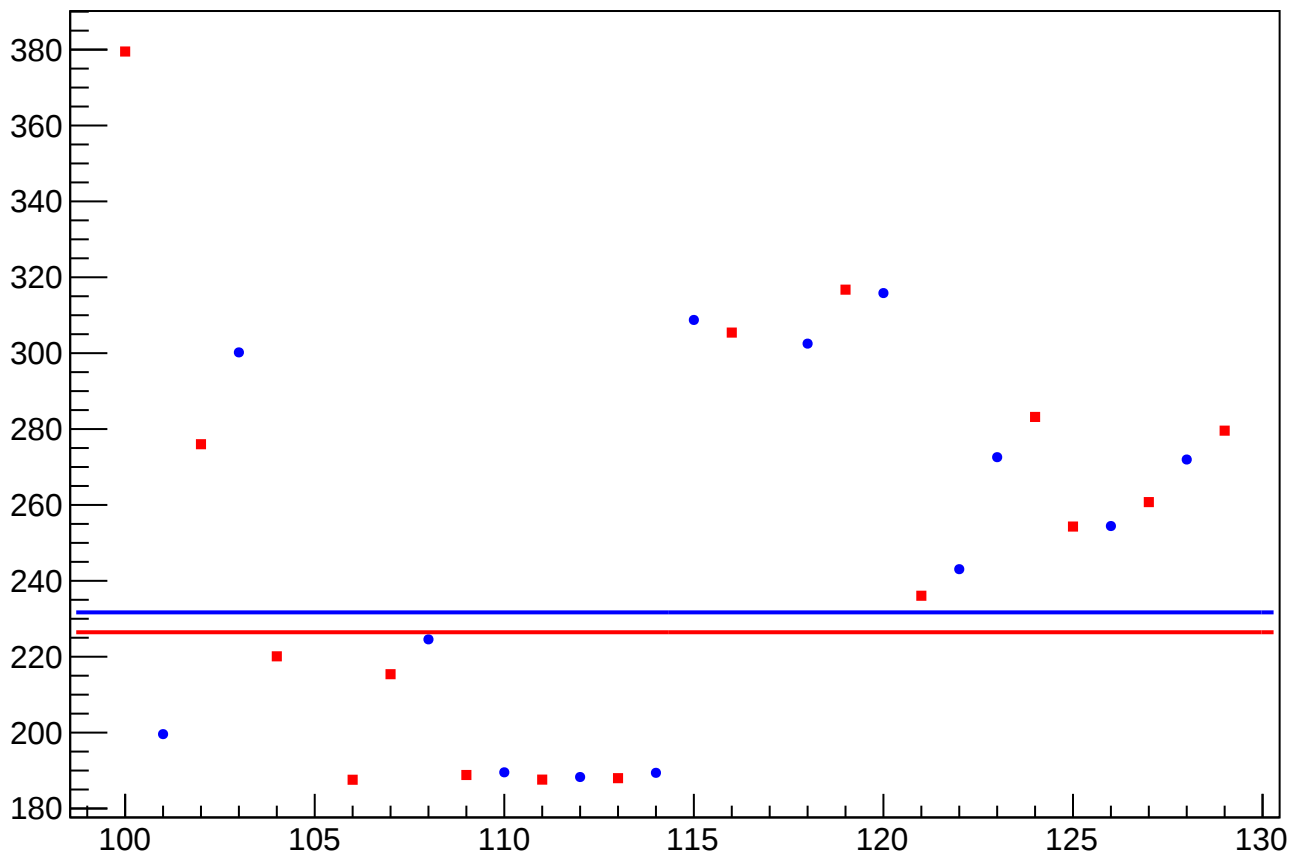
Right: 142.825 ± 72.927 χ^2/NDF : 26.4/27

In: -7.846 ± 109.185 χ^2/NDF : 13.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 142.825 ± 72.927 χ^2/NDF : 26.4/27

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 231.686+/-0.077 χ^2/NDF : 325889.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 226.448+/-0.069 χ^2/NDF : 378582.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

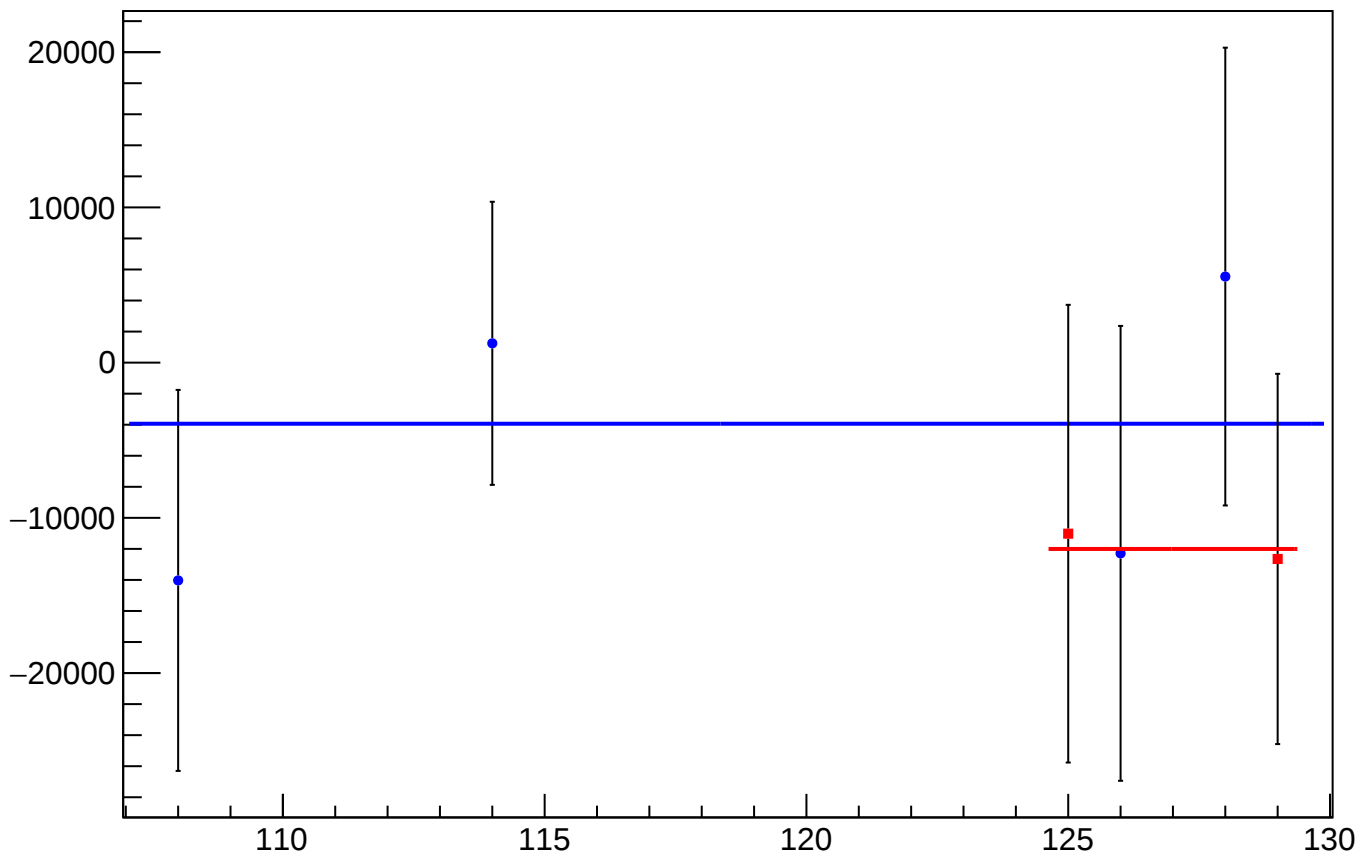
Right: 228.785+/-0.052 χ^2/NDF : 707021.3/27

In: 231.686+/-0.077 χ^2/NDF :325889.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 228.785+/-0.052 χ^2/NDF : 707021.3/27

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -3937.127+/-5984.477 χ^2/NDF : 1.7/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12004.413+/-9272.922 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

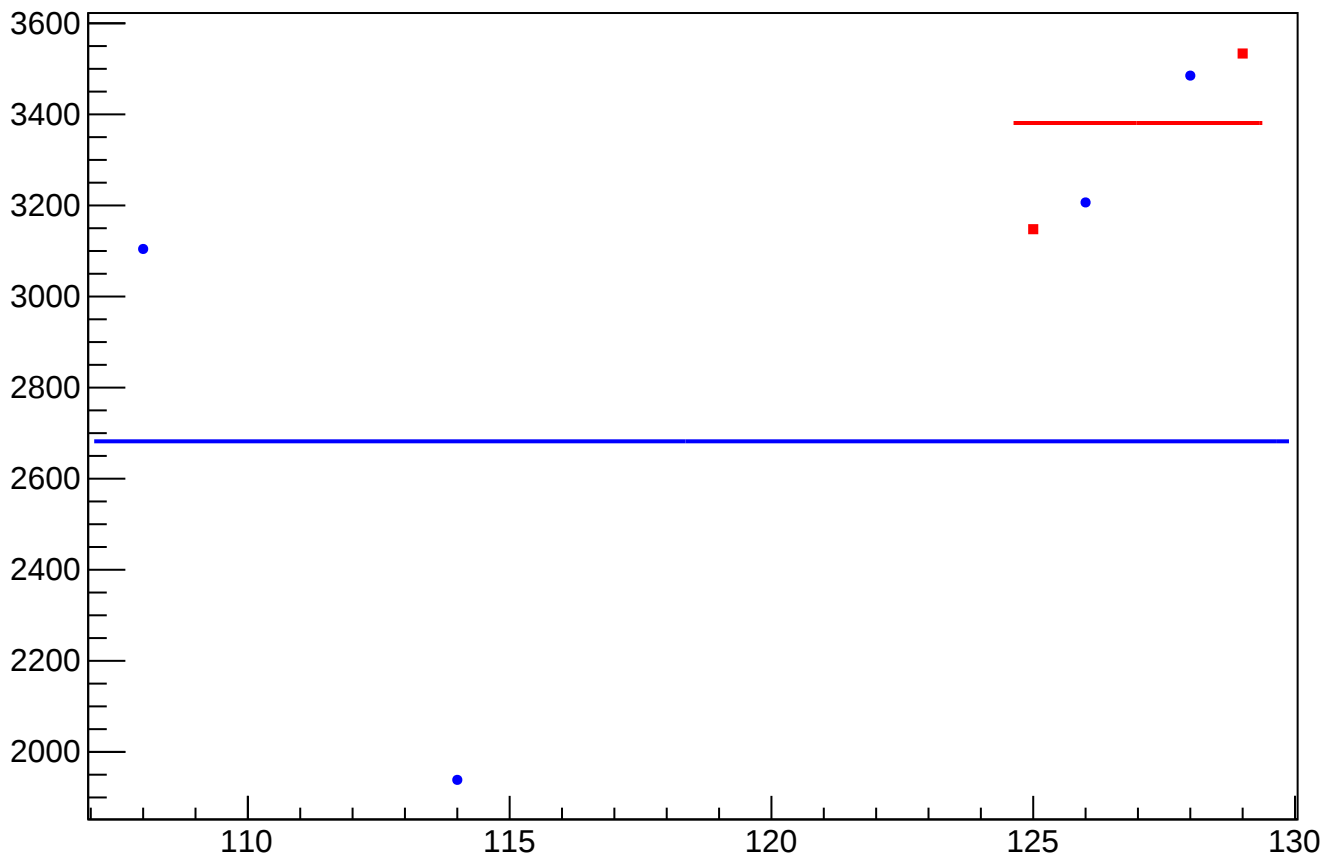
Right: -6309.204+/-5028.255 χ^2/NDF : 2.3/5

In: -3937.127+/-5984.477 χ^2/NDF : 1.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6309.204+/-5028.255 χ^2/NDF : 2.3/5

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2682.064+/-4.232 χ^2/NDF : 24157.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3381.053+/-6.557 χ^2/NDF : 827.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

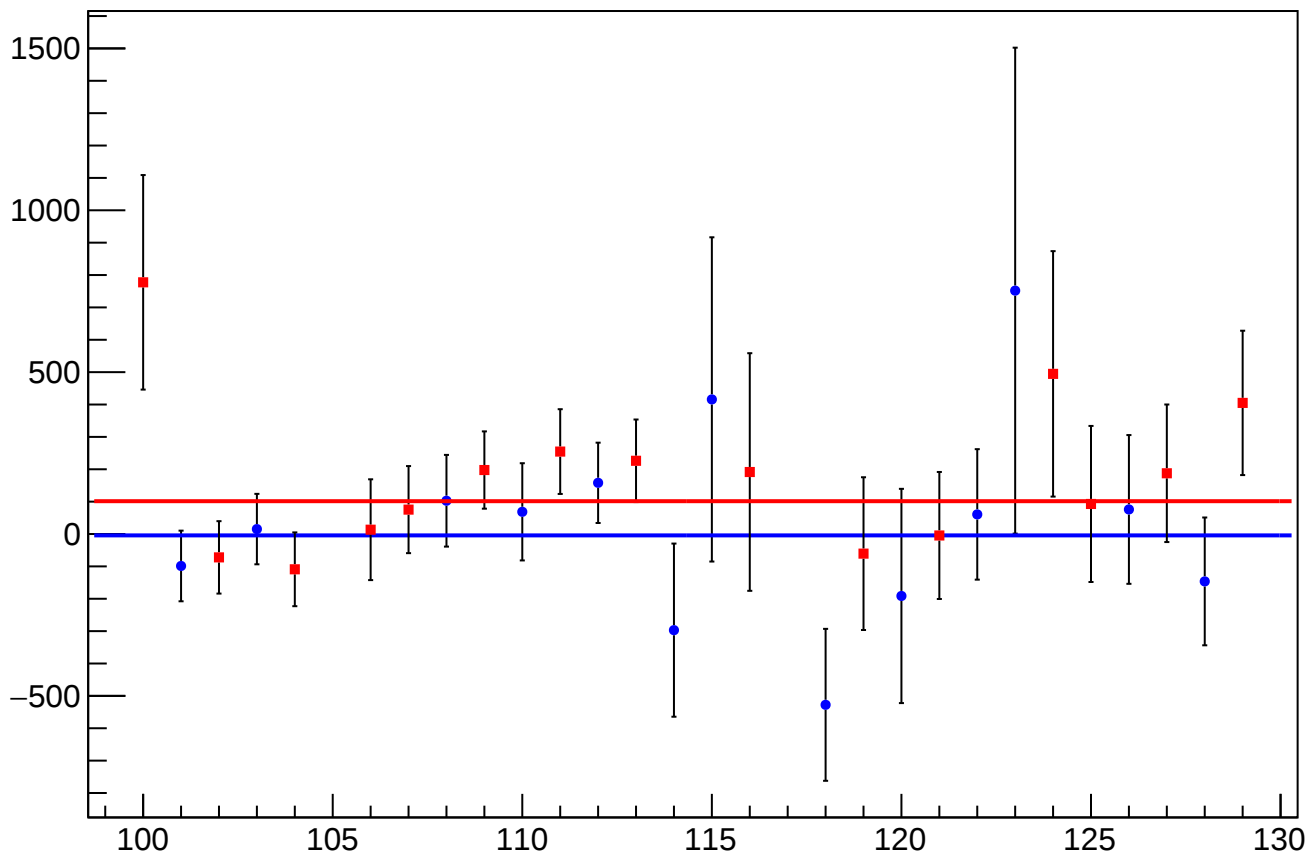
Right: 2887.593+/-3.556 χ^2/NDF : 33007.8/5

In: 2682.064+/-4.232 χ^2/NDF : 24157.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2887.593+/-3.556 χ^2/NDF : 33007.8/5

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: -4.241+/-47.461 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.411+/-41.869 χ^2/NDF : 17.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

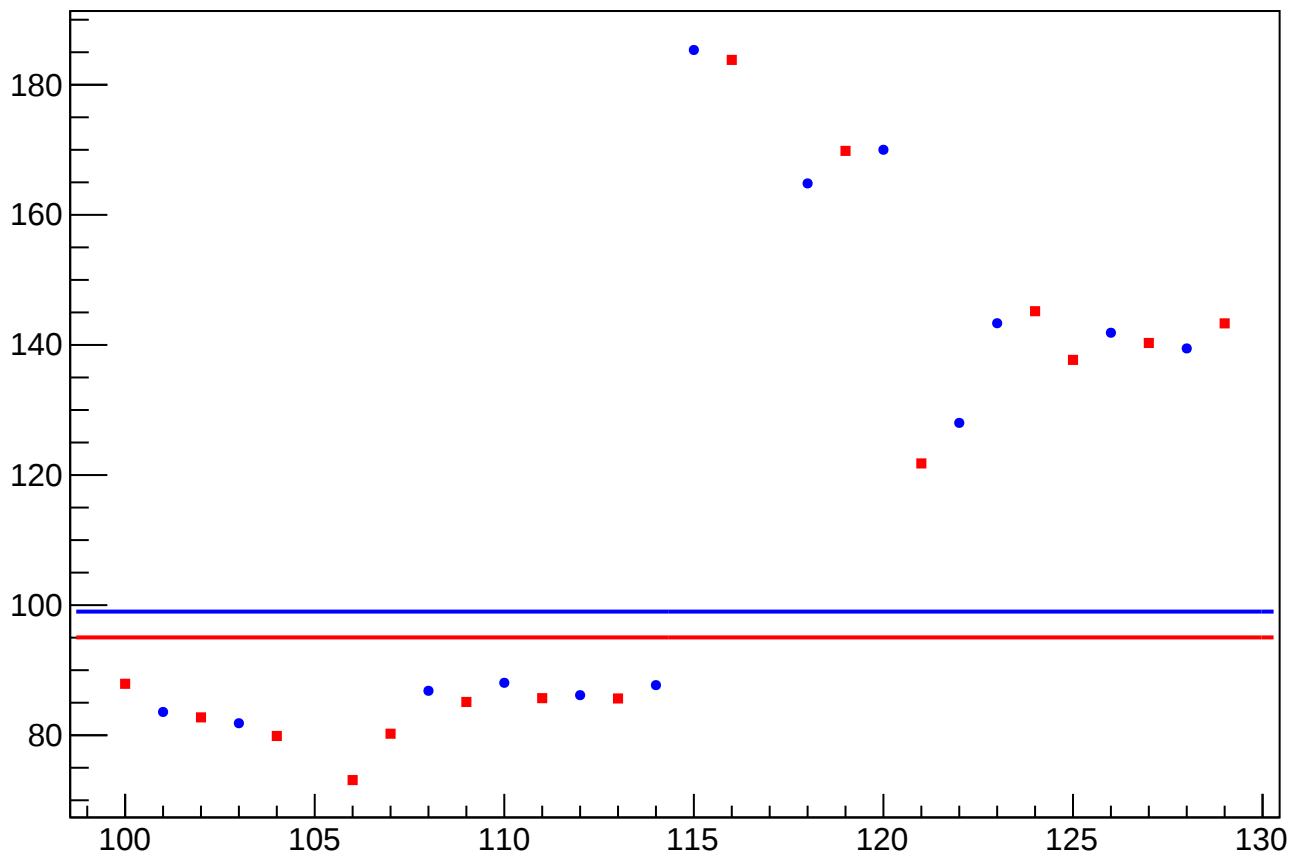
Right: 55.173+/-31.398 χ^2/NDF : 32.3/27

In: -4.241+/-47.461 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.173+/-31.398 χ^2/NDF : 32.3/27

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 99.008+/-0.034 χ^2/NDF : 651167.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.037+/-0.030 χ^2/NDF : 796696.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

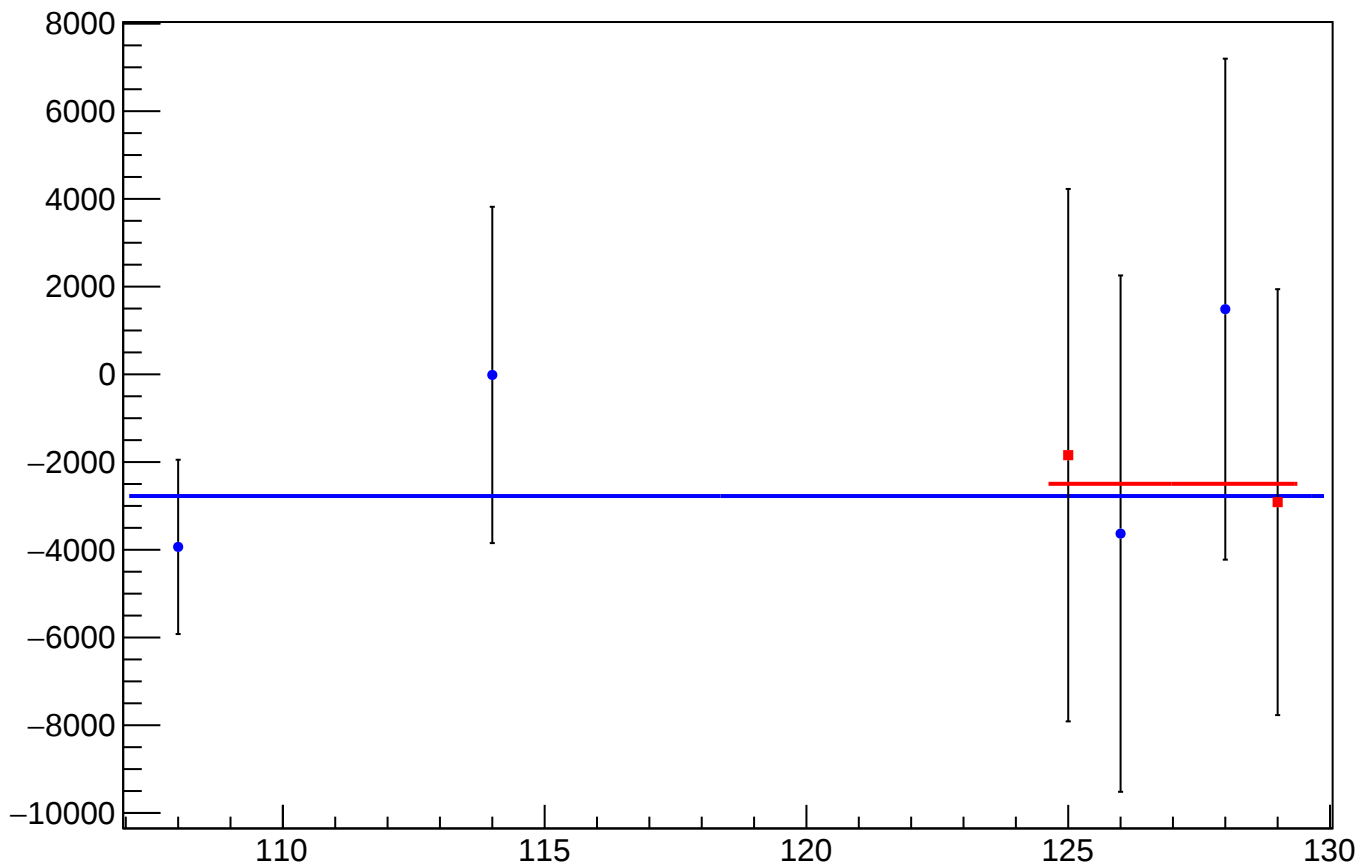
Right: 96.775+/-0.022 χ^2/NDF : 1455737.6/27

In: 99.008+/-0.034 χ^2/NDF : 651167.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.775+/-0.022 χ^2/NDF : 1455737.6/27

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: -2774.520+/-1620.377 χ^2 /NDF: 1.4/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -2495.793+/-3791.445 χ^2 /NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

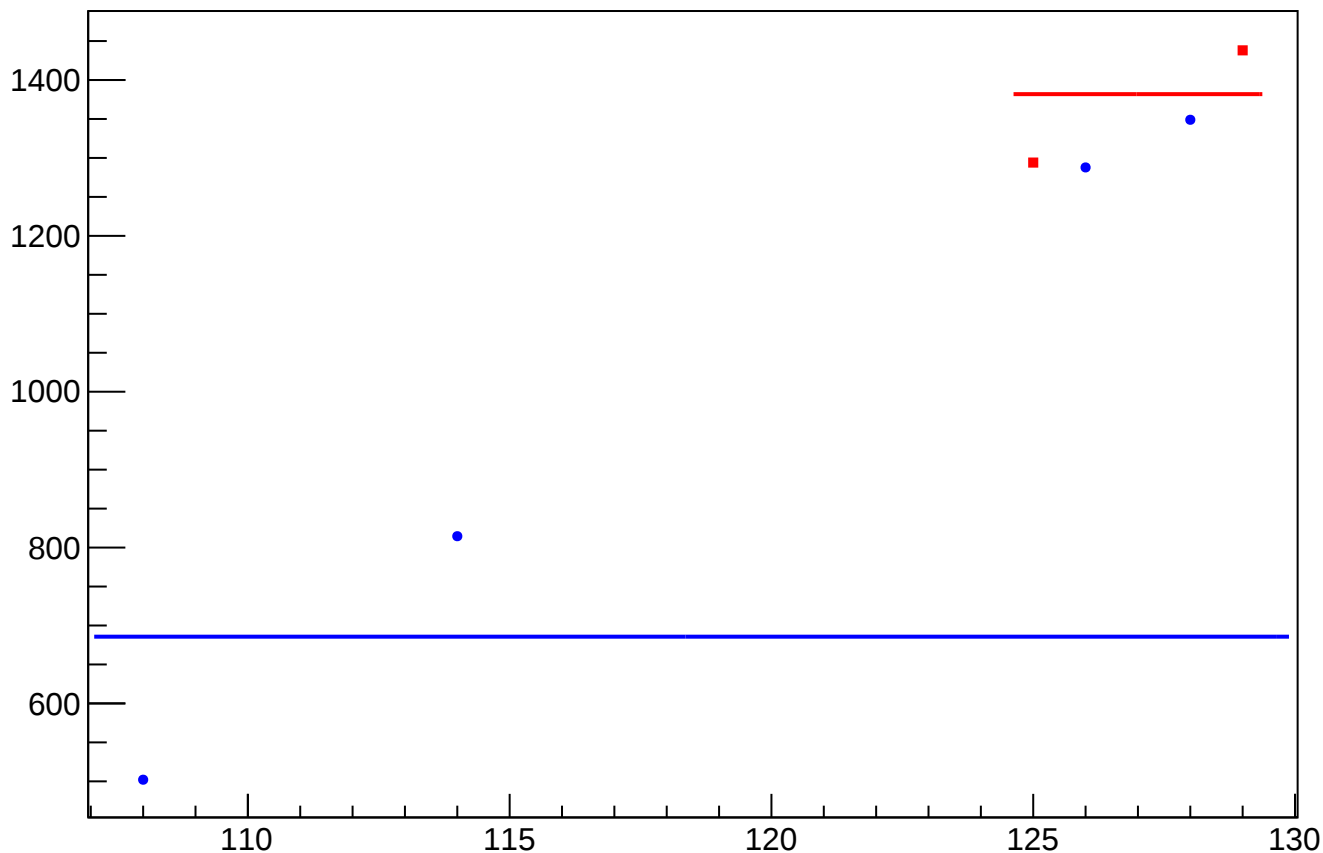
Right: -2731.473+/-1490.005 χ^2 /NDF: 1.5/5

In: -2774.520+/-1620.377 χ^2 /NDF: 1.4/3

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2731.473+/-1490.005 χ^2 /NDF: 1.5/5

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 685.658+/-1.146 χ^2/NDF : 67240.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1381.872+/-2.681 χ^2/NDF : 686.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

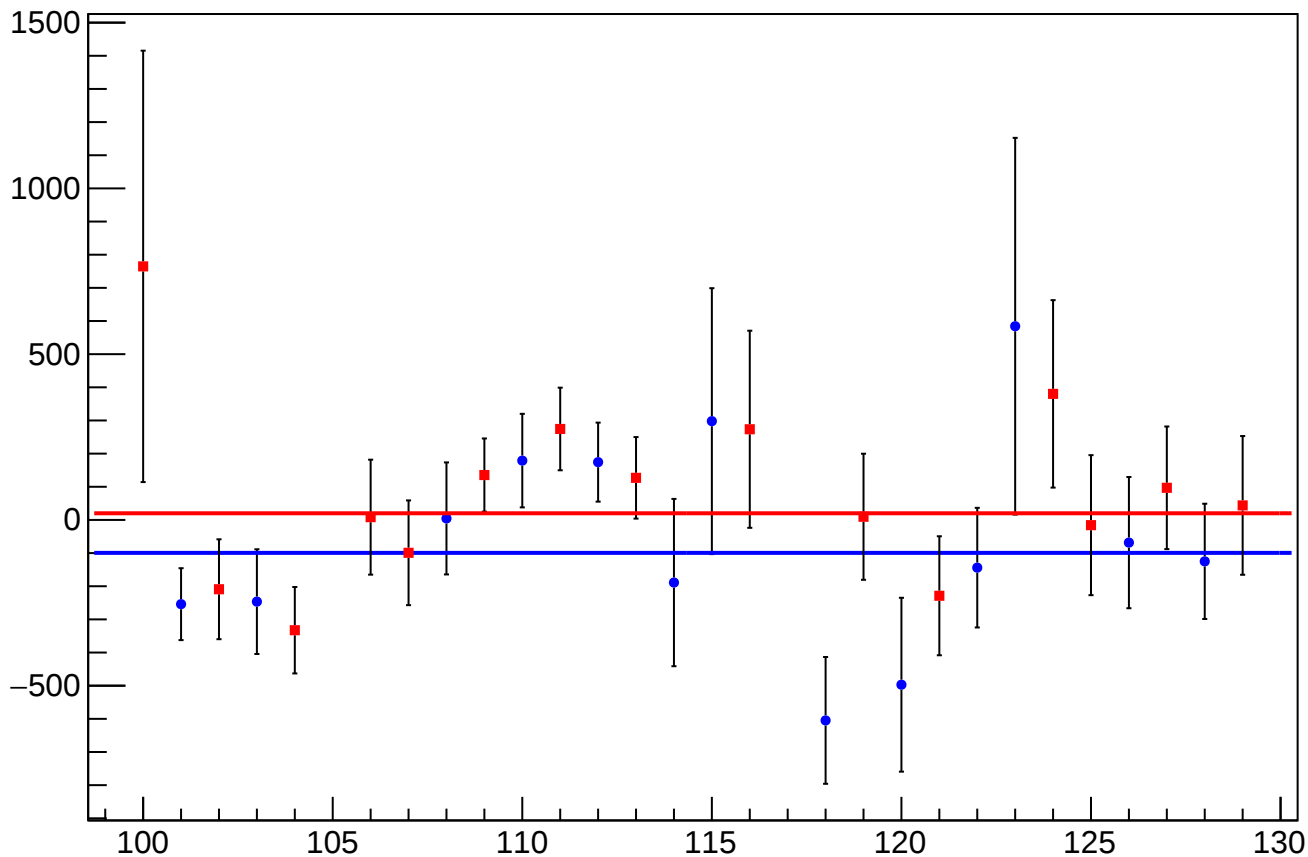
Right: 793.182+/-1.054 χ^2/NDF : 124949.9/5

In: 685.658+/-1.146 χ^2/NDF : 67240.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 793.182+/-1.054 χ^2/NDF : 124949.9/5

reg_asym_sam6_mean vs Slug, Sign Corrected



Right In: -99.368 ± 47.833 χ^2/NDF : 24.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 20.076 ± 42.706 χ^2/NDF : 22.0/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

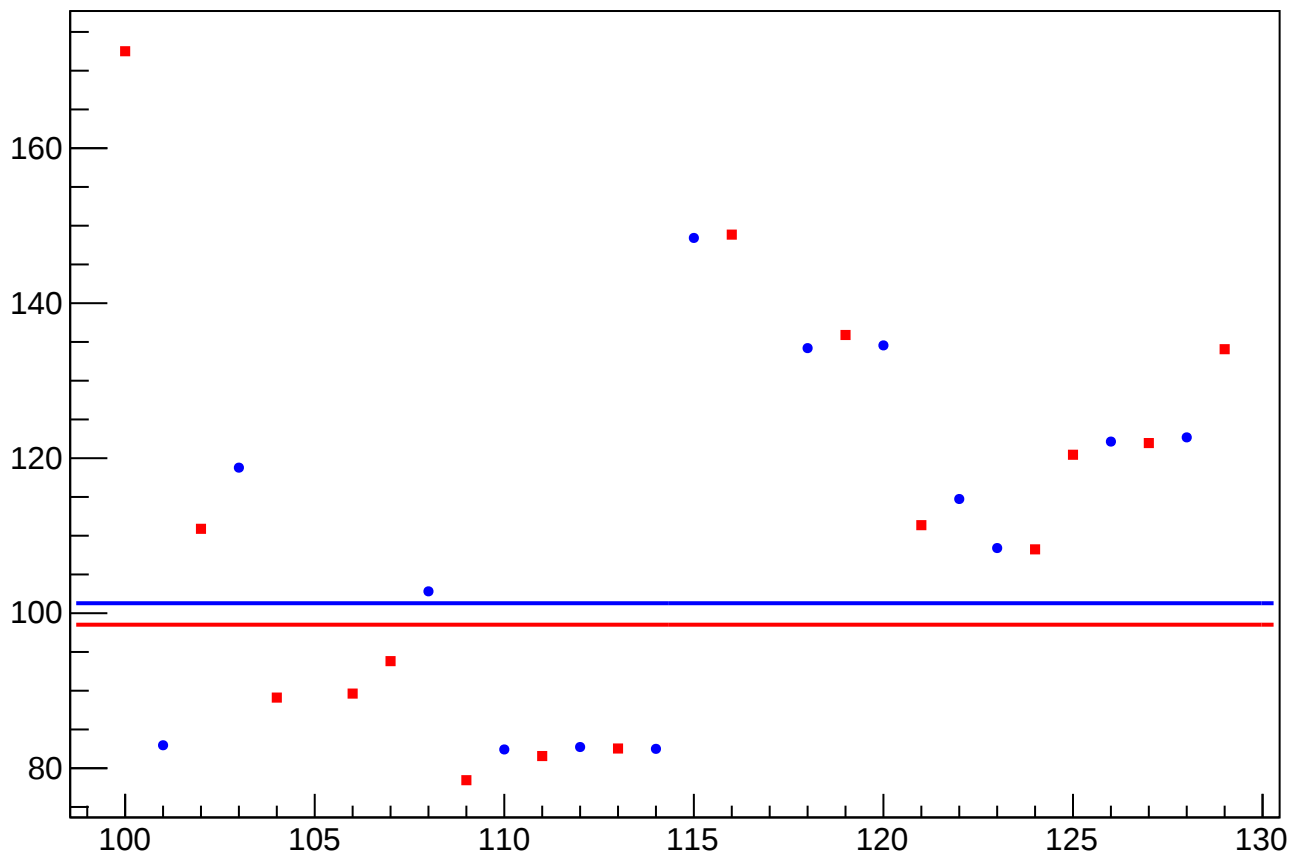
Right: -32.905 ± 31.857 χ^2/NDF : 49.9/27

In: -99.368 ± 47.833 χ^2/NDF : 24.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -32.905 ± 31.857 χ^2/NDF : 49.9/27

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 101.288+/-0.034 χ^2/NDF : 360183.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 98.518+/-0.030 χ^2/NDF : 452298.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

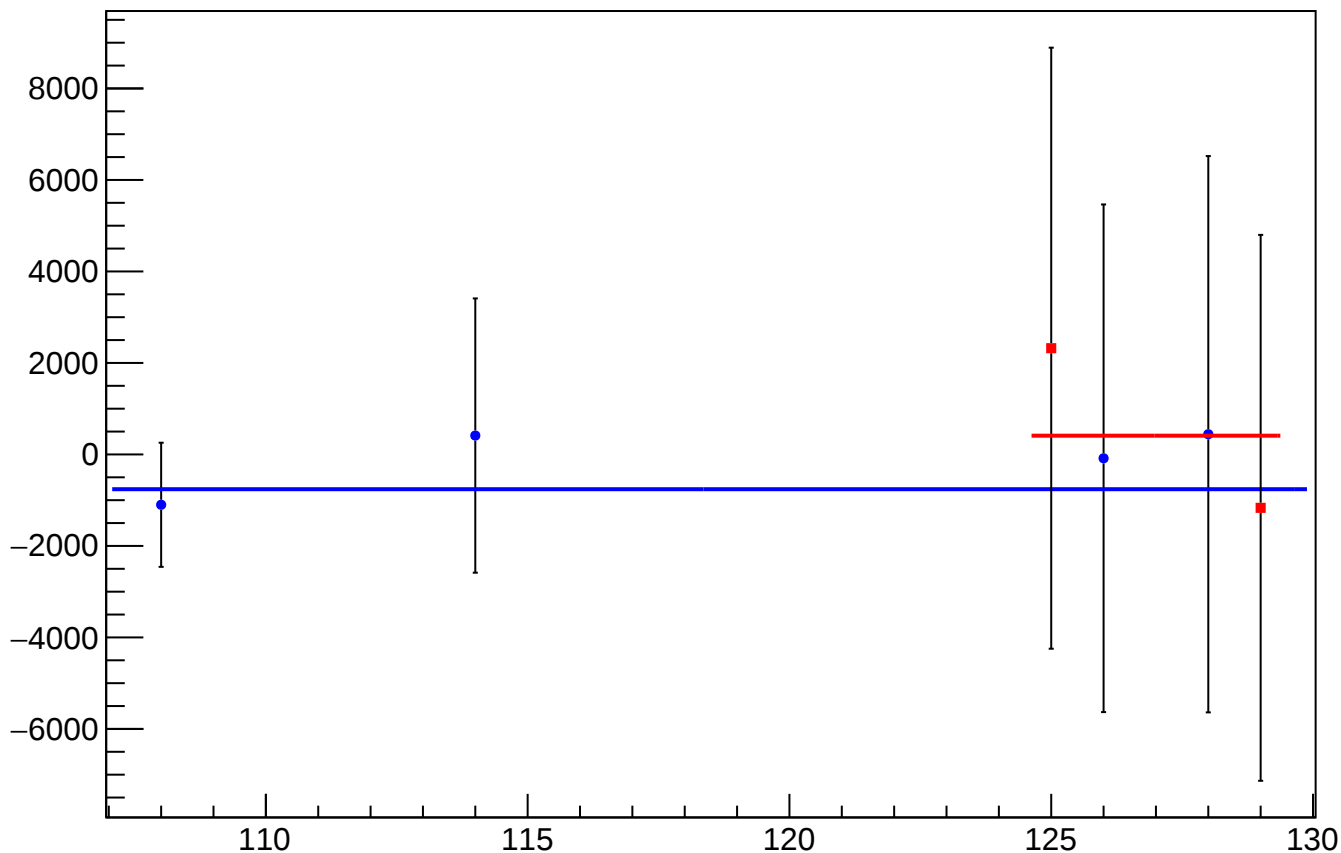
Right: 99.747+/-0.023 χ^2/NDF : 816215.3/27

In: 101.288+/-0.034 χ^2/NDF :360183.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 99.747+/-0.023 χ^2/NDF : 816215.3/27

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: -760.095+/-1183.340 χ^2/NDF : 0.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 410.042+/-4416.793 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

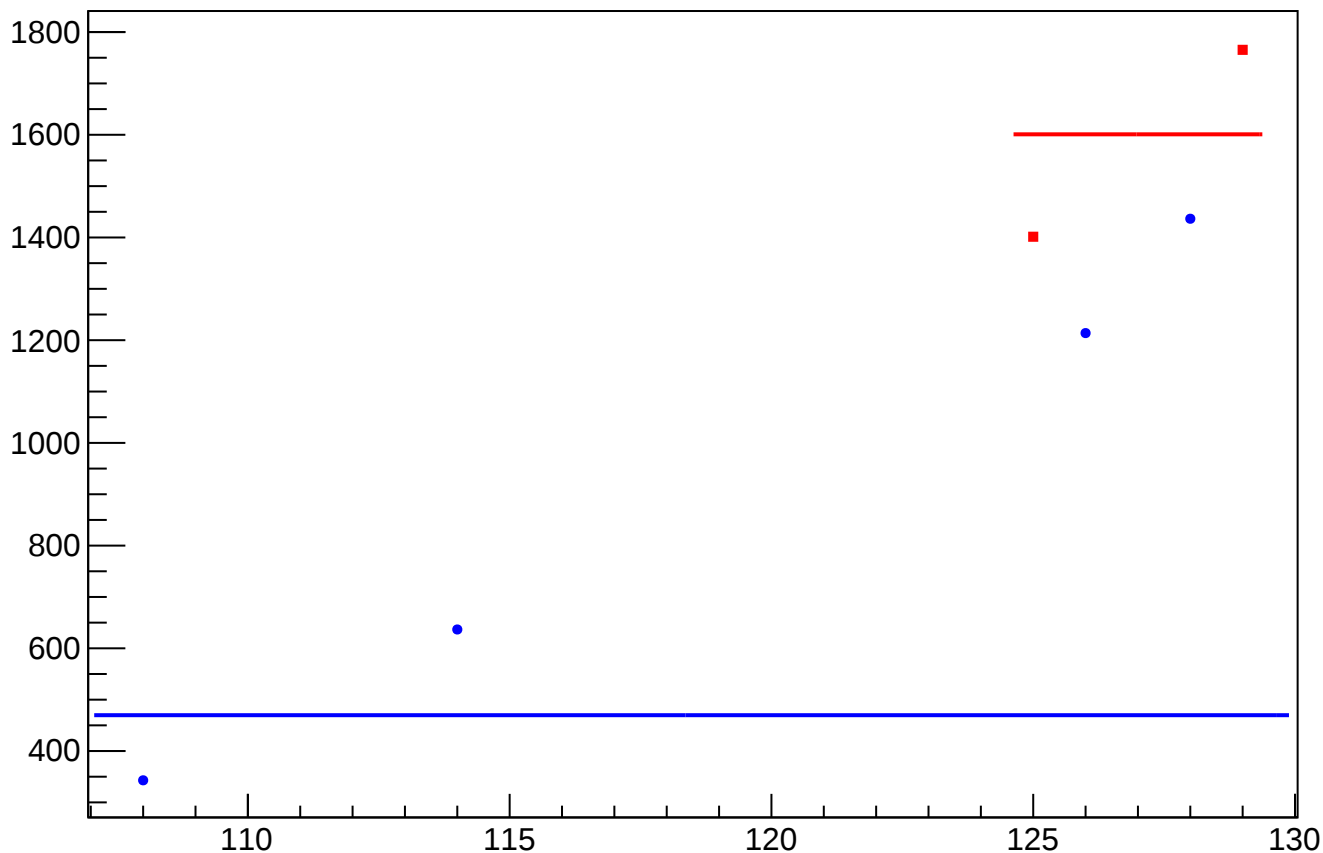
Right: -681.727+/-1143.027 χ^2/NDF : 0.5/5

In: -760.095+/-1183.340 χ^2/NDF : 0.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -681.727+/-1143.027 χ^2/NDF : 0.5/5

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 469.775+/-0.837 χ^2/NDF : 110192.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1600.887+/-3.123 χ^2/NDF : 3363.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

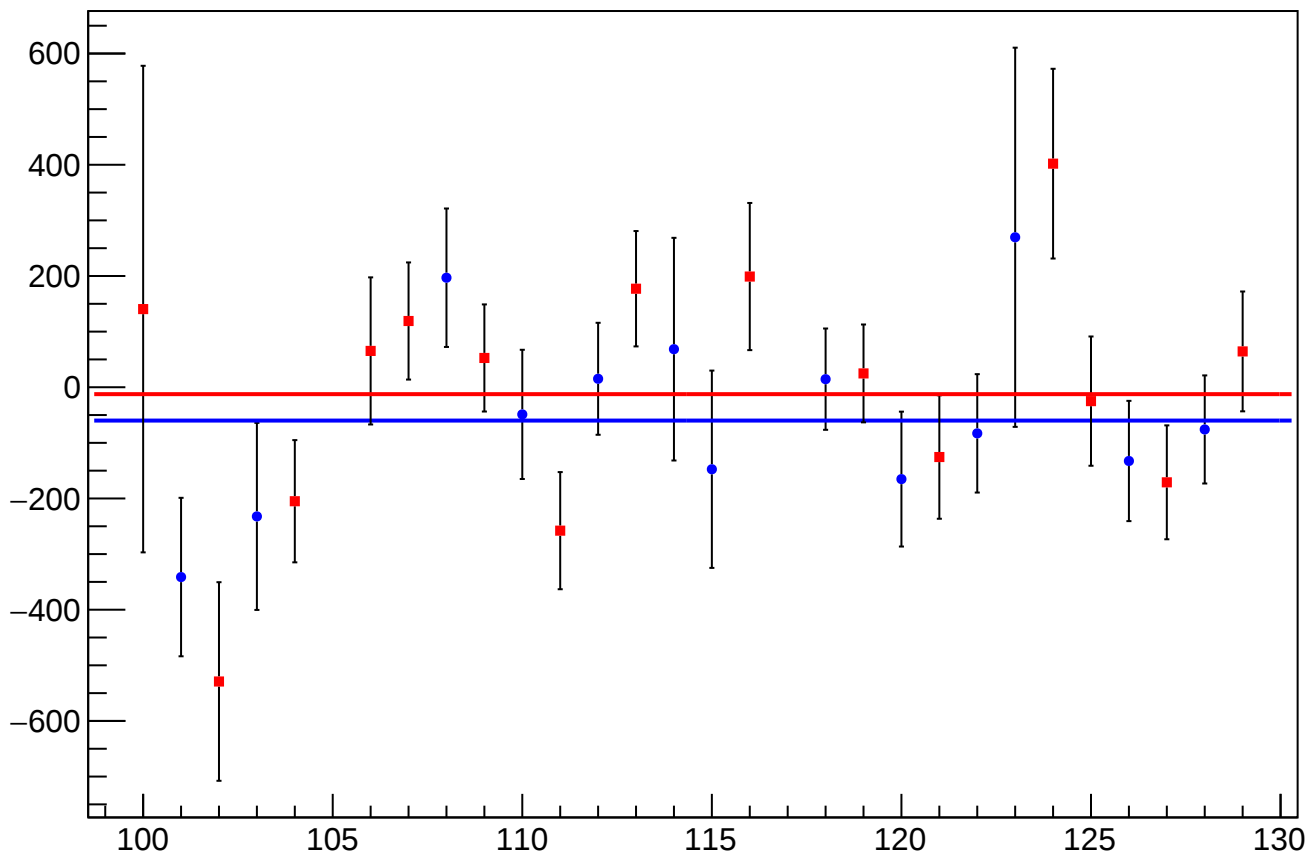
Right: 545.529+/-0.808 χ^2/NDF : 235938.5/5

In: 469.775+/-0.837 χ^2/NDF : 110192.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 545.529+/-0.808 χ^2/NDF : 235938.5/5

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: -59.940 ± 34.187 $\chi^2/\text{NDF}: 13.3/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -12.432 ± 29.945 $\chi^2/\text{NDF}: 35.3/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

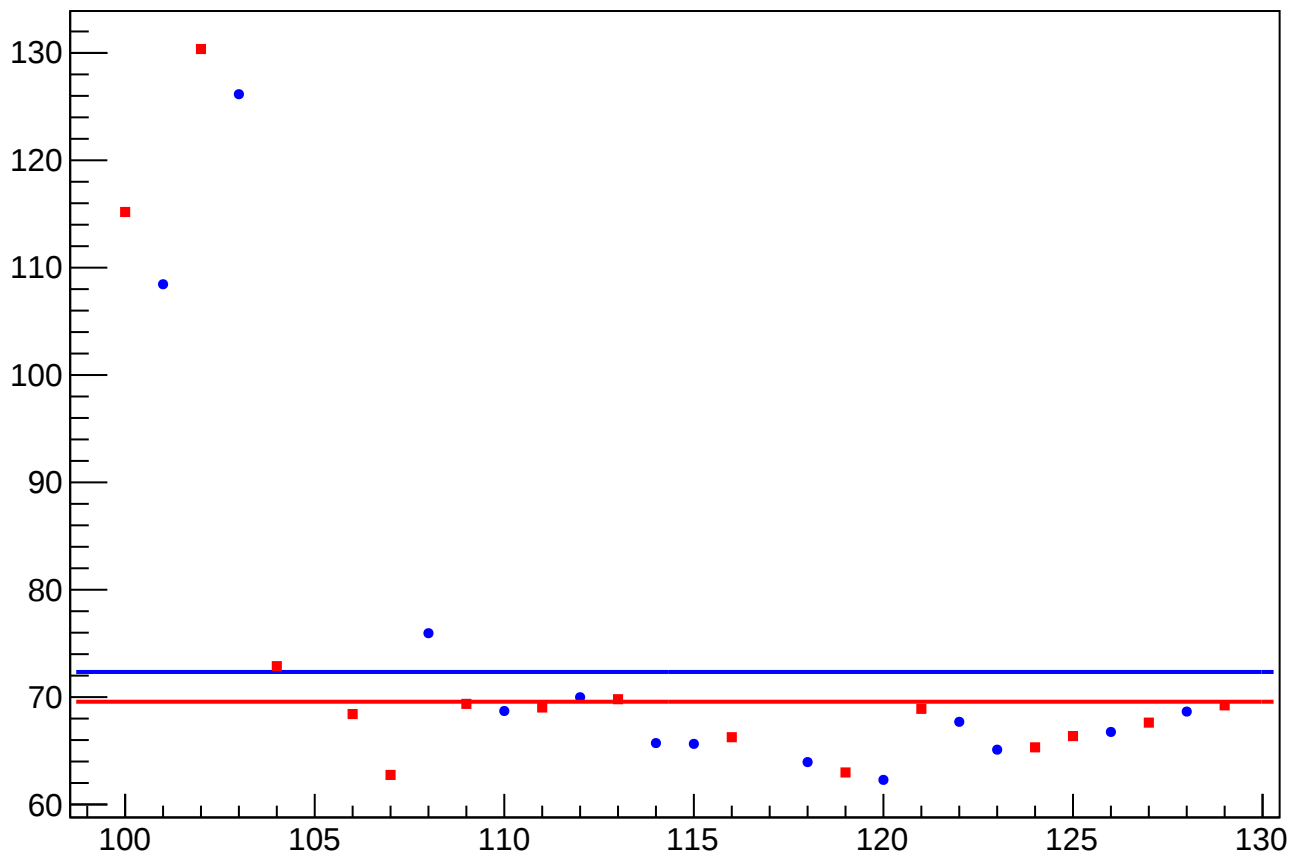
Right: -33.057 ± 22.526 $\chi^2/\text{NDF}: 49.7/27$

In: -59.940 ± 34.187 $\chi^2/\text{NDF}: 13.3/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -33.057 ± 22.526 $\chi^2/\text{NDF}: 49.7/27$

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.341+/-0.024 χ^2/NDF : 386810.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.569+/-0.021 χ^2/NDF : 280101.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

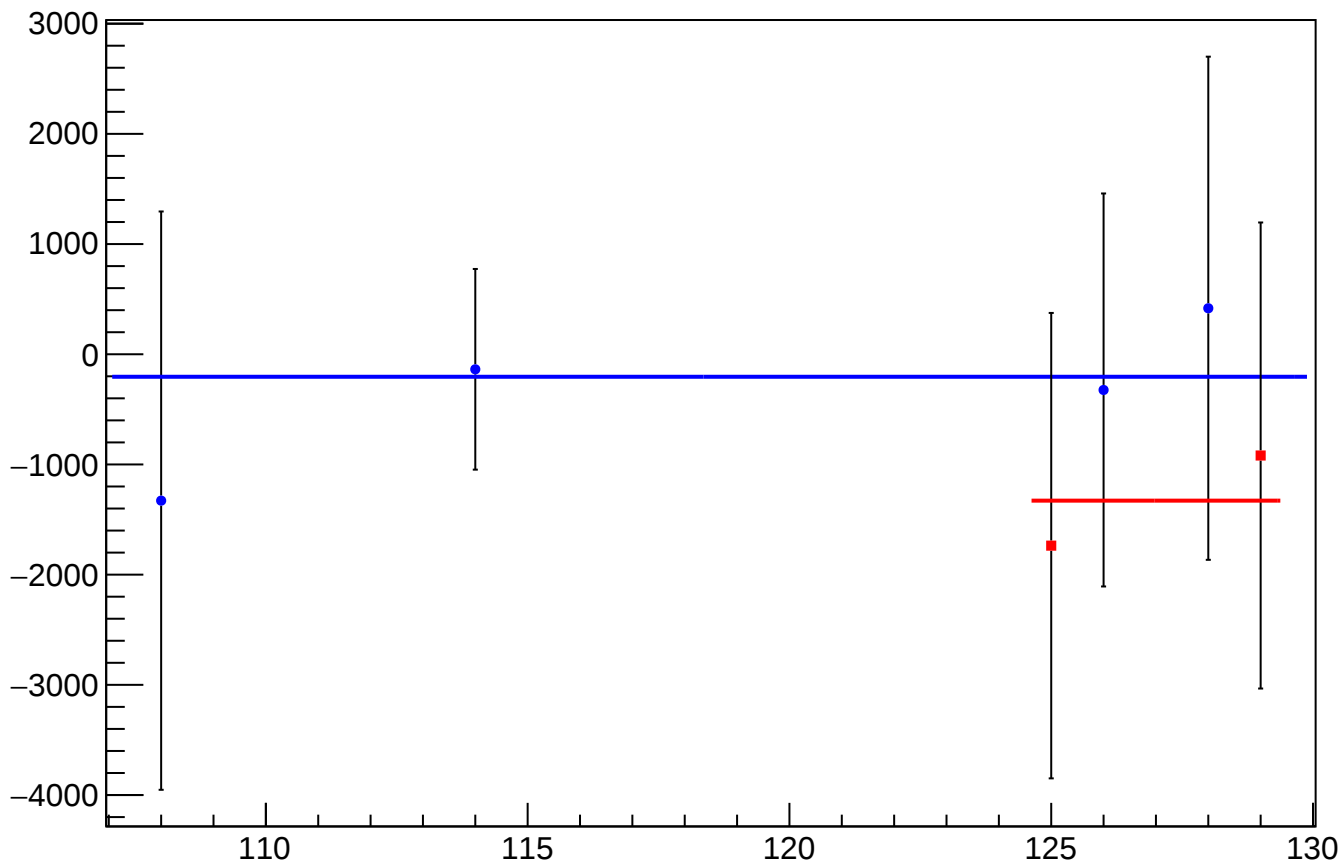
Right: 70.773+/-0.016 χ^2/NDF : 674355.5/27

In: 72.341+/-0.024 χ^2/NDF : 386810.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.773+/-0.016 χ^2/NDF : 674355.5/27

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -204.257+/-733.668 χ^2/NDF : 0.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1328.418+/-1494.282 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

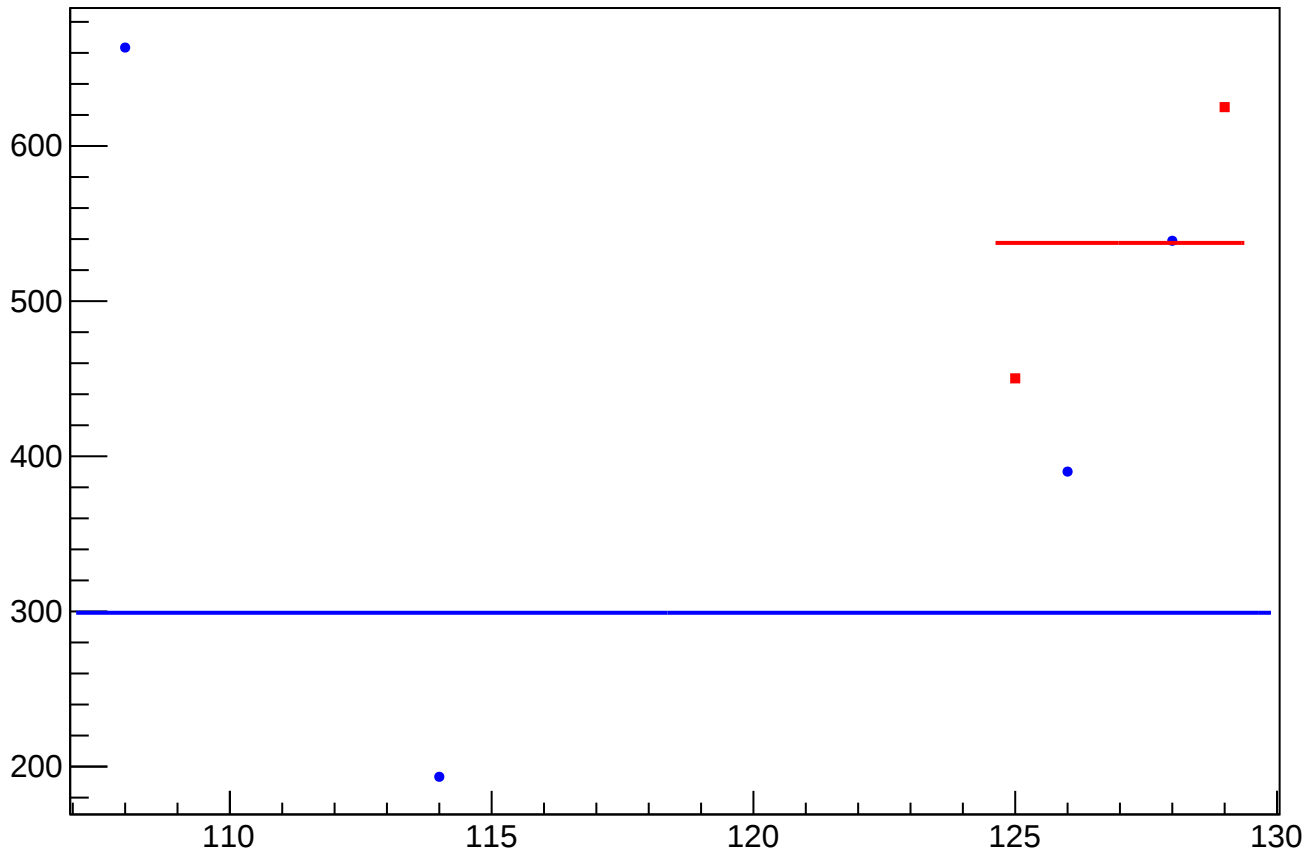
Right: -422.614+/-658.570 χ^2/NDF : 0.8/5

In: -204.257+/-733.668 χ^2/NDF : 0.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -422.614+/-658.570 χ^2/NDF : 0.8/5

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 299.143+/-0.519 χ^2/NDF : 92782.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 537.533+/-1.057 χ^2/NDF : 6843.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

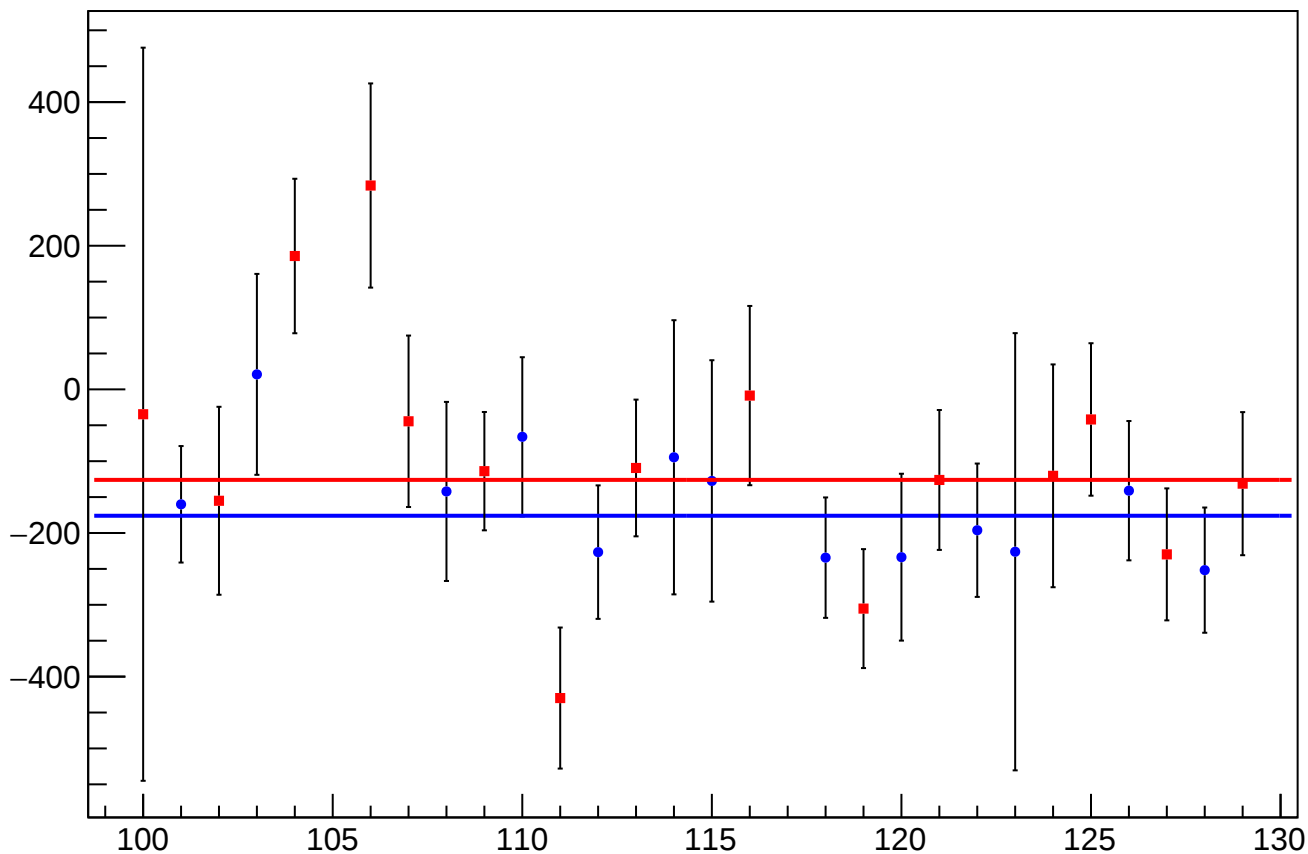
Right: 345.448+/-0.466 χ^2/NDF : 140641.3/5

In: 299.143+/-0.519 χ^2/NDF : 92782.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.448+/-0.466 χ^2/NDF : 140641.3/5

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -175.993 ± 30.036 χ^2/NDF : 5.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -126.041 ± 27.794 χ^2/NDF : 34.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

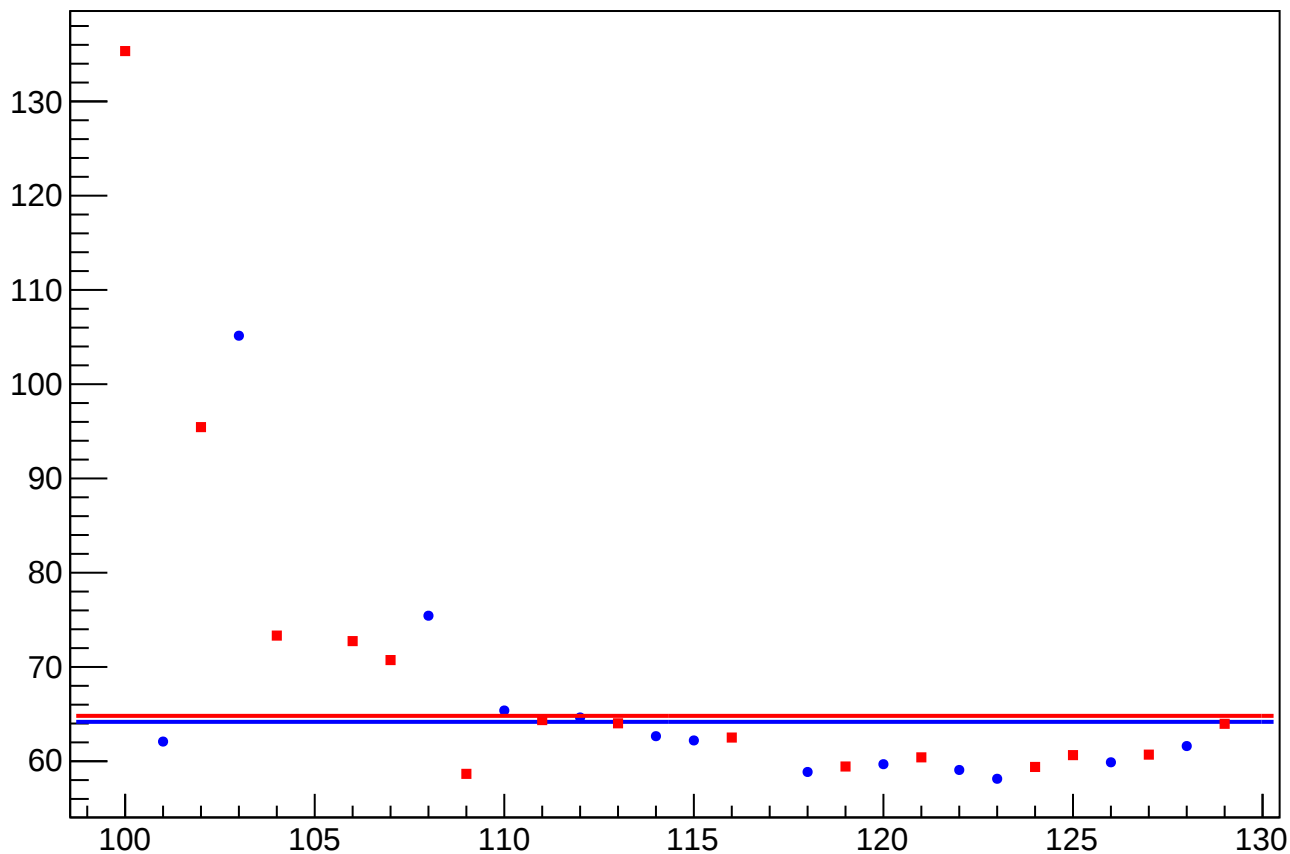
Right: -149.083 ± 20.400 χ^2/NDF : 41.2/27

In: -175.993 ± 30.036 χ^2/NDF : 5.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -149.083 ± 20.400 χ^2/NDF : 41.2/27

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 64.178+/-0.021 χ^2/NDF : 213351.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.815+/-0.020 χ^2/NDF : 205638.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

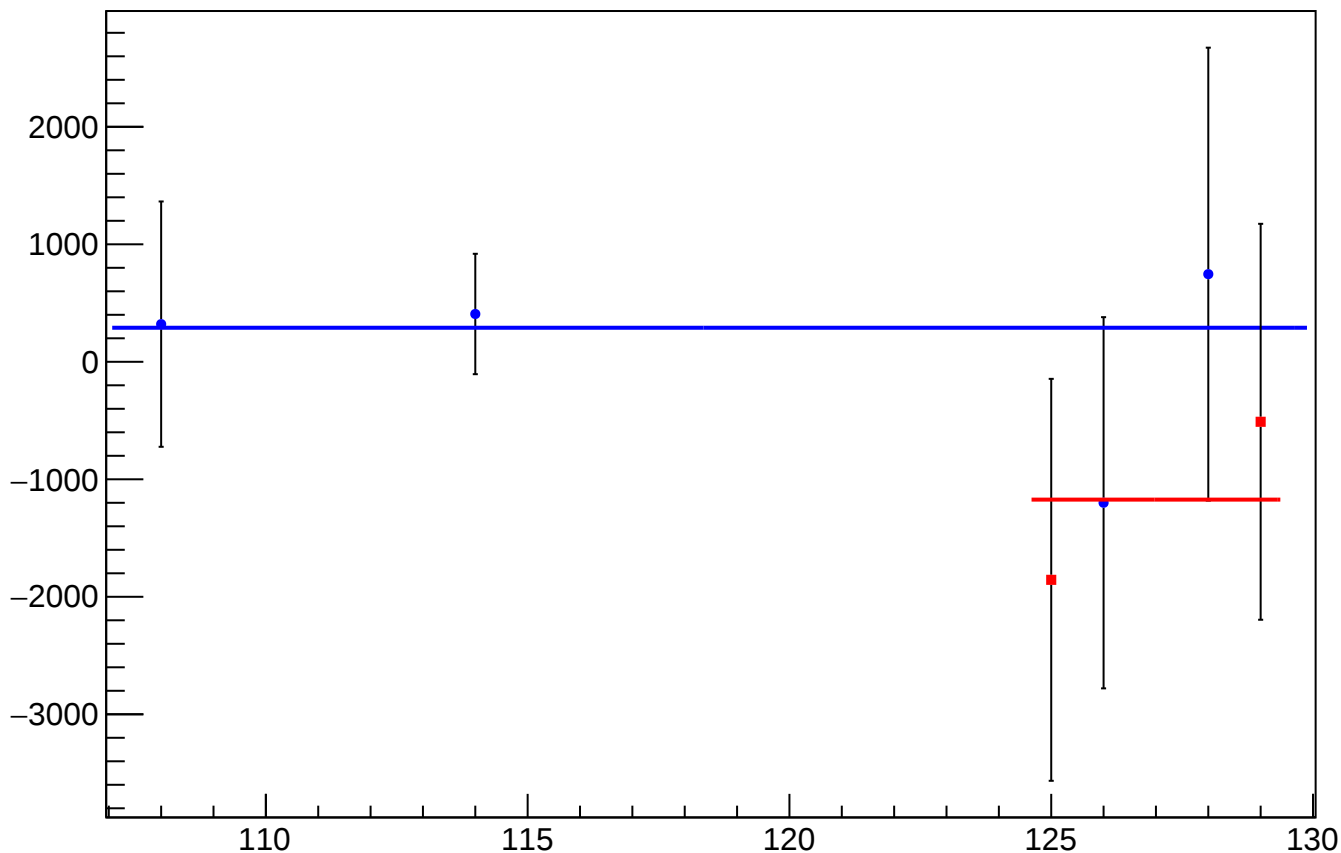
Right: 64.521+/-0.014 χ^2/NDF : 419474.5/27

In: 64.178+/-0.021 χ^2/NDF : 213351.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.521+/-0.014 χ^2/NDF : 419474.5/27

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: 289.832 $\pm$ 430.437 χ^2 /NDF: 1.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1172.929 $\pm$ 1200.324 χ^2 /NDF: 0.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

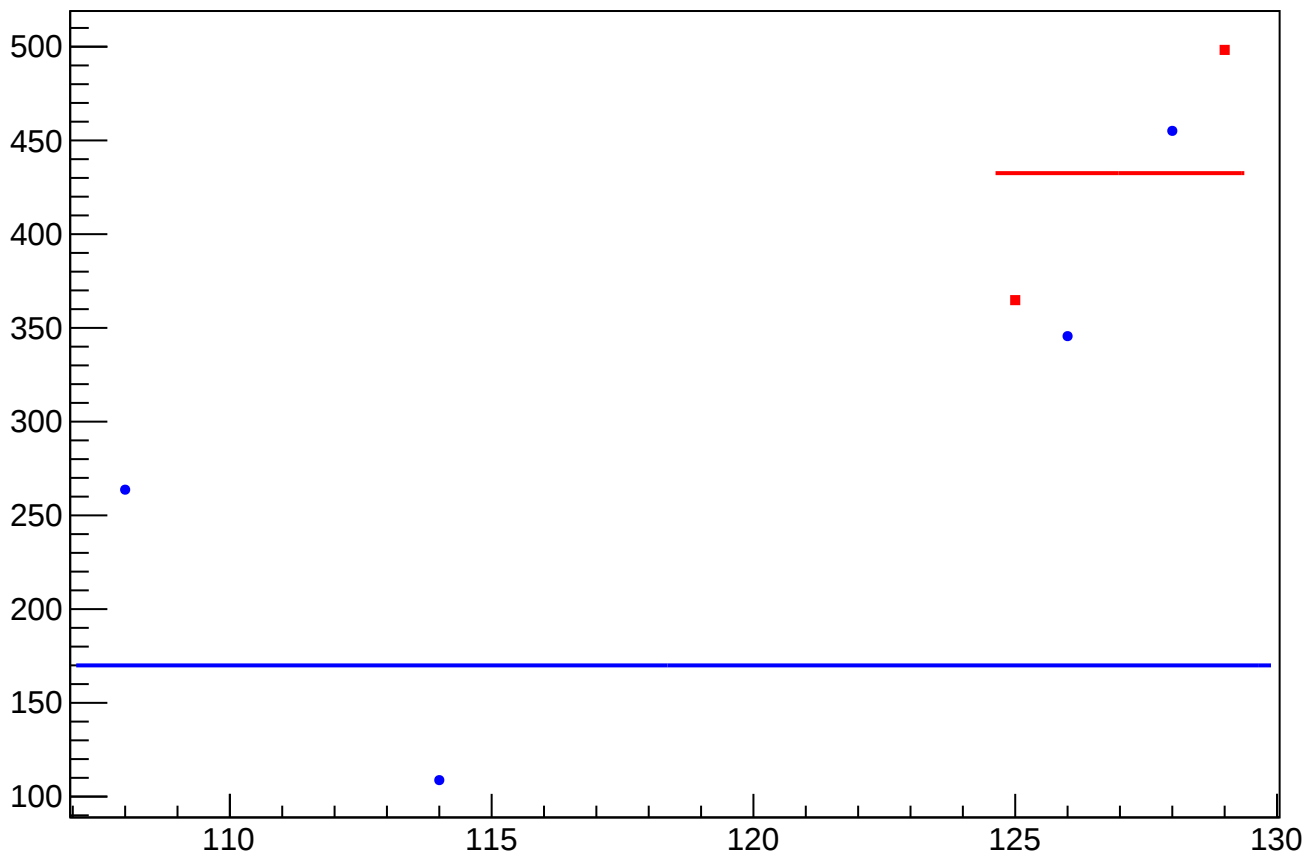
Right: 123.162 $\pm$ 405.173 χ^2 /NDF: 2.6/5

In: 289.832 $\pm$ 430.437 χ^2 /NDF:1.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 123.162 $\pm$ 405.173 χ^2 /NDF: 2.6/5

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 169.977+/-0.304 χ^2/NDF : 113149.8/3

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 432.555+/-0.849 χ^2/NDF : 6181.1/1

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

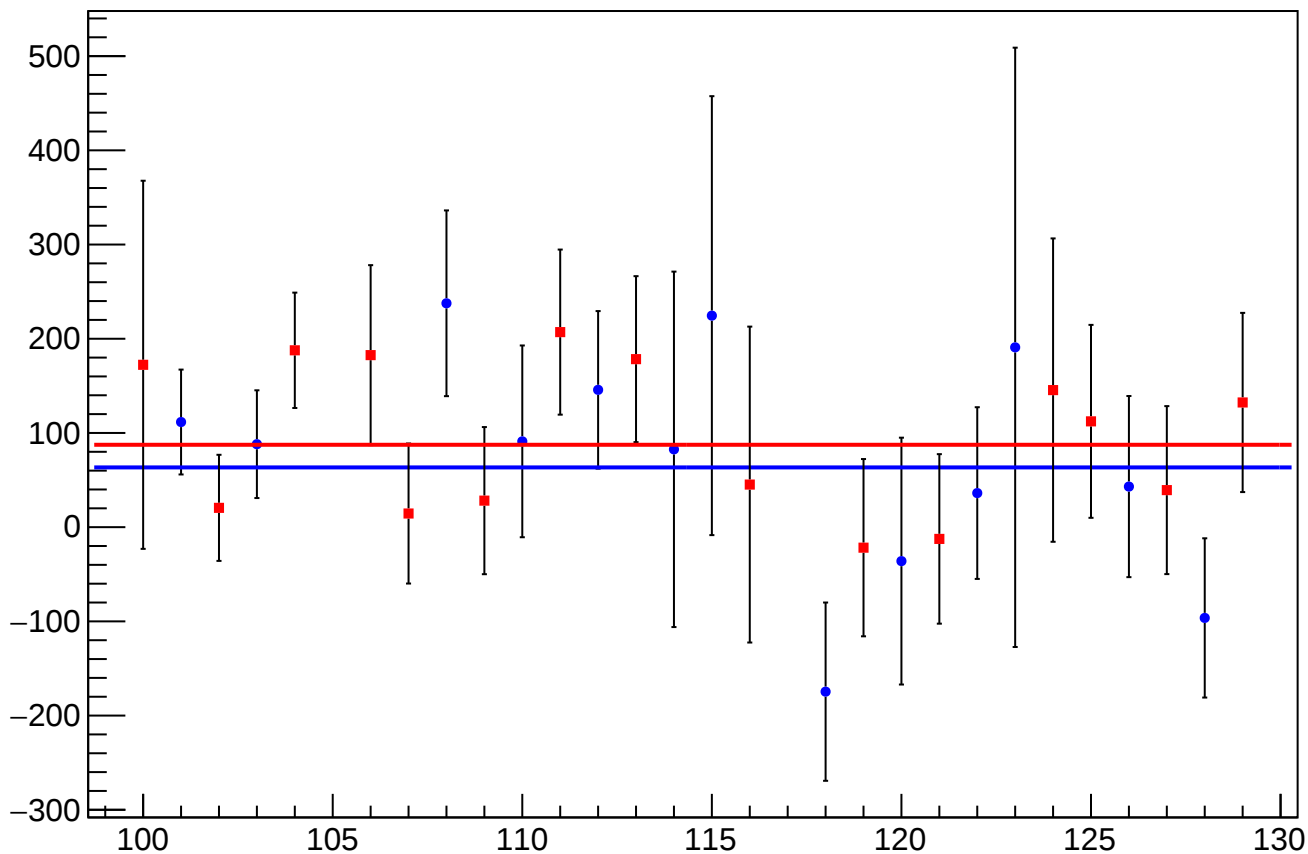
Right: 199.896+/-0.287 χ^2/NDF : 204134.1/5

In: 169.977+/-0.304 χ^2/NDF :113149.8/3

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 199.896+/-0.287 χ^2/NDF : 204134.1/5

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 63.427 $\pm$ 25.270 χ^2 /NDF: 16.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 87.451 $\pm$ 22.562 χ^2 /NDF: 13.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

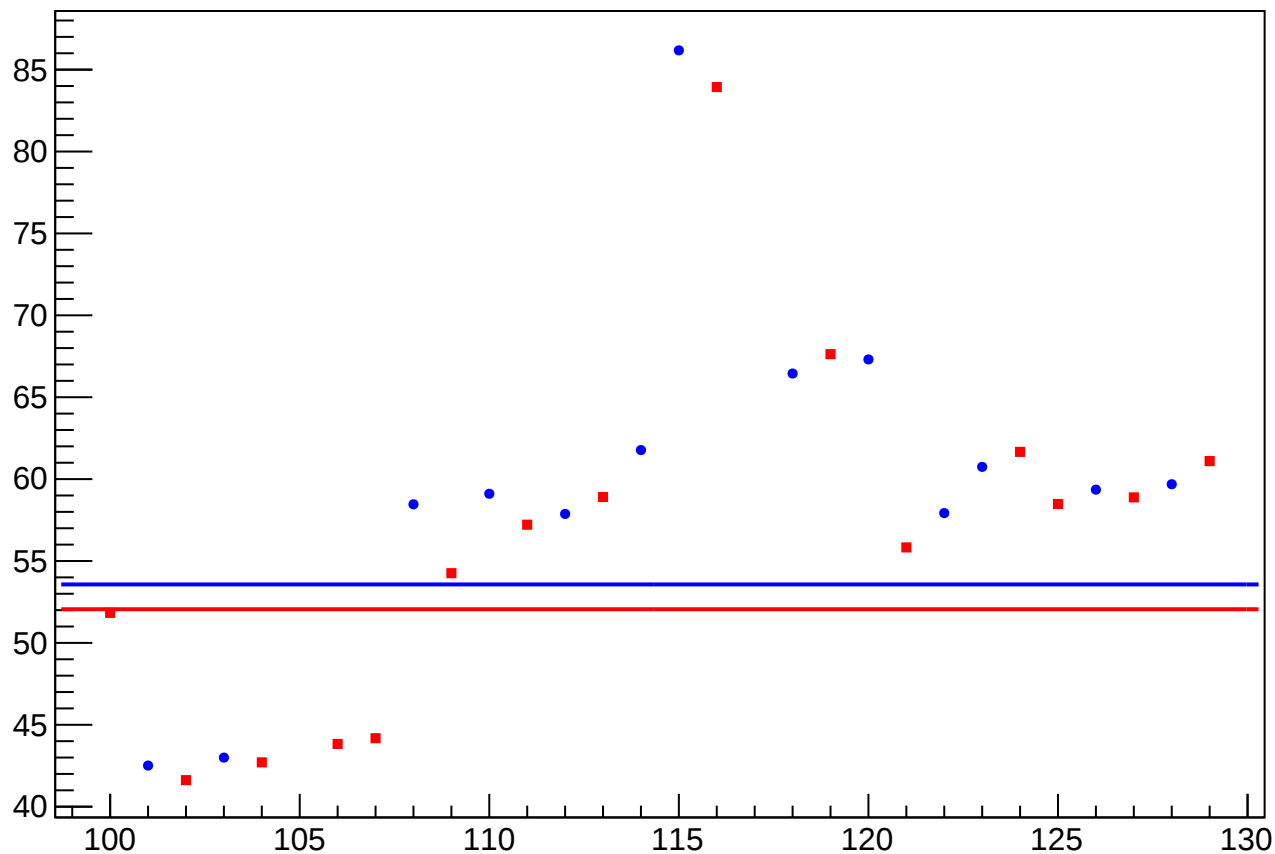
Right: 76.795 $\pm$ 16.830 χ^2 /NDF: 30.0/27

In: 63.427 $\pm$ 25.270 χ^2 /NDF:16.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 76.795 $\pm$ 16.830 χ^2 /NDF: 30.0/27

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 53.569+/-0.018 χ^2/NDF : 288758.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.056+/-0.016 χ^2/NDF : 348677.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

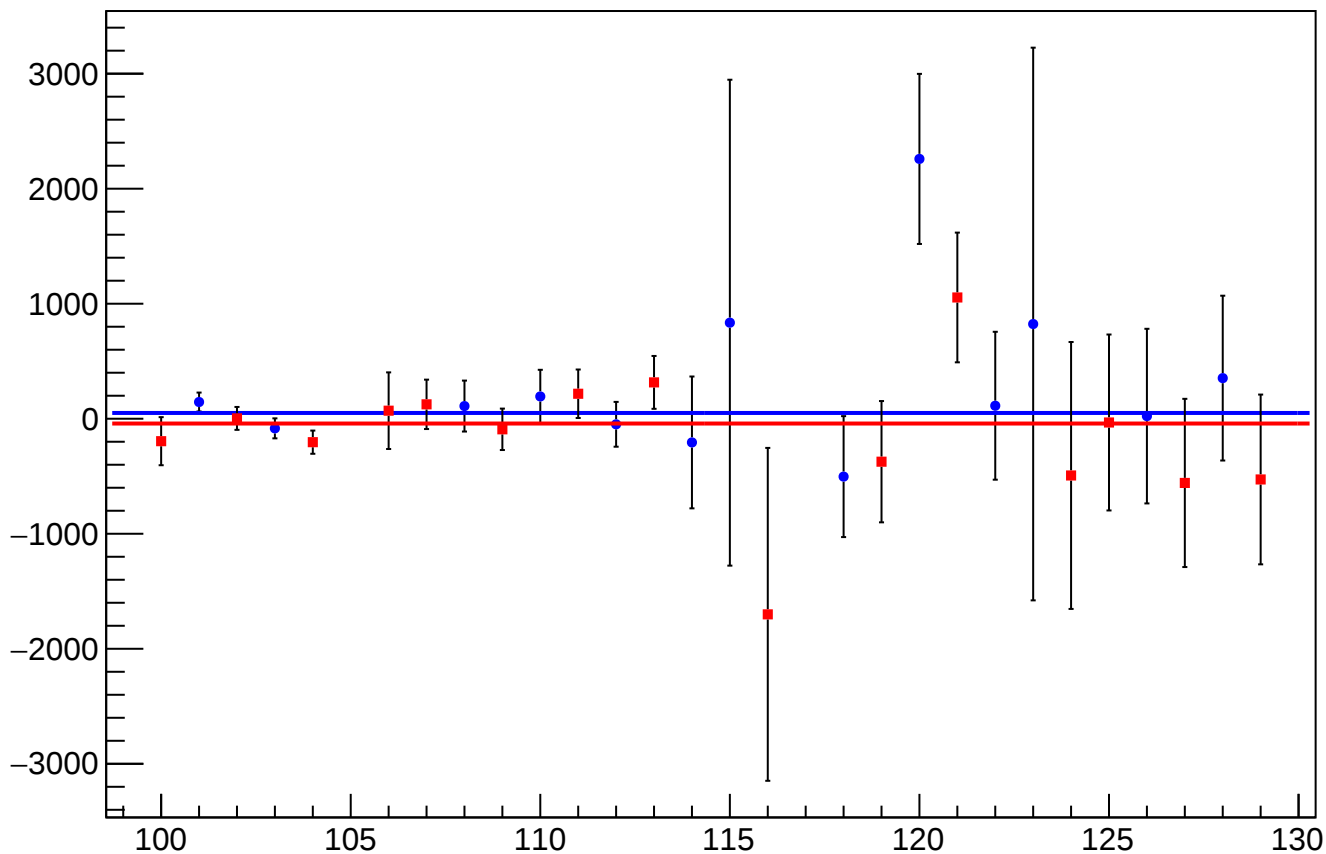
Right: 52.727+/-0.012 χ^2/NDF : 641427.7/27

In: 53.569+/-0.018 χ^2/NDF : 288758.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.727+/-0.012 χ^2/NDF : 641427.7/27

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 50.243+/-52.608 χ^2/NDF : 15.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.660+/-54.349 χ^2/NDF : 14.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

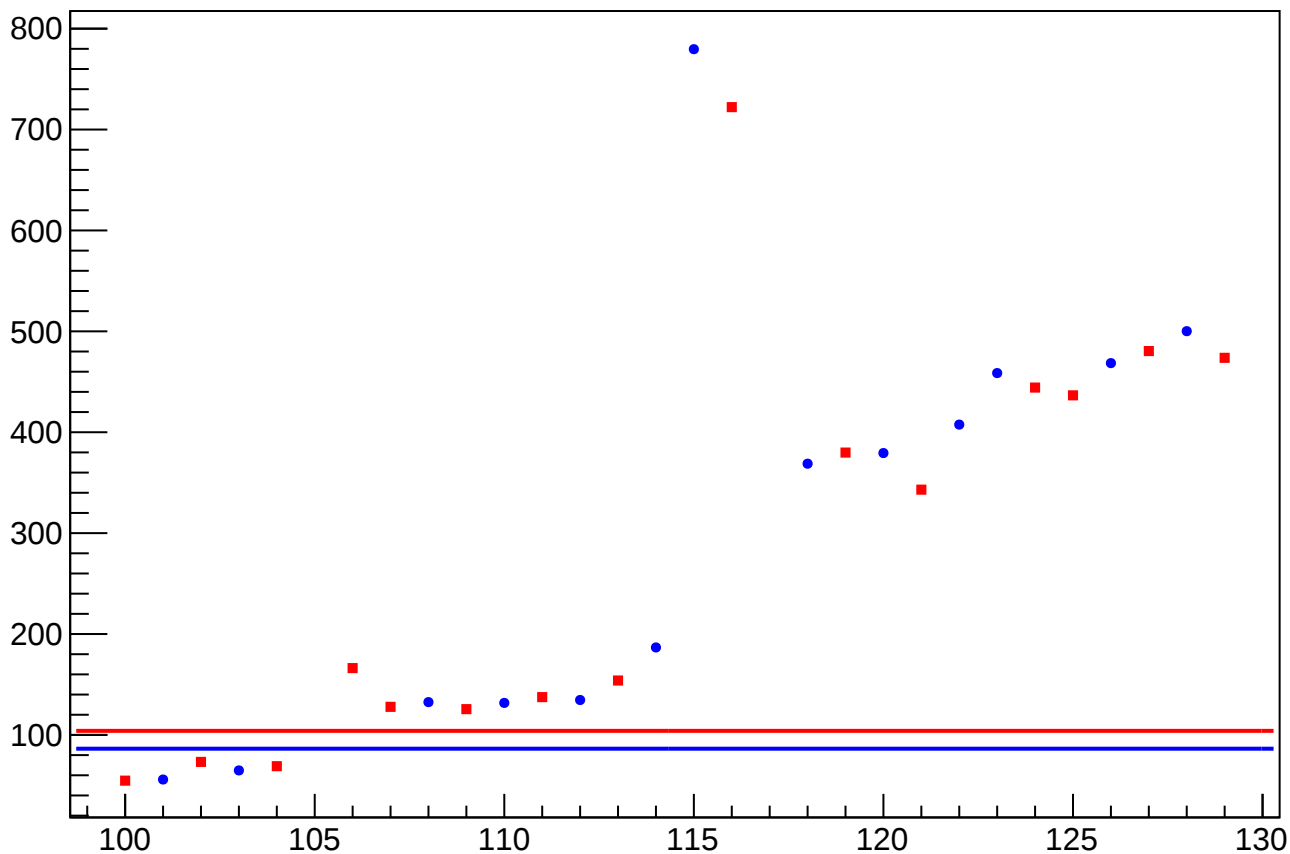
Right: 5.786+/-37.800 χ^2/NDF : 31.2/27

In: 50.243+/-52.608 χ^2/NDF : 15.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.786+/-37.800 χ^2/NDF : 31.2/27

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 86.346+/-0.037 χ^2/NDF : 3576245.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.041+/-0.038 χ^2/NDF : 3664961.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

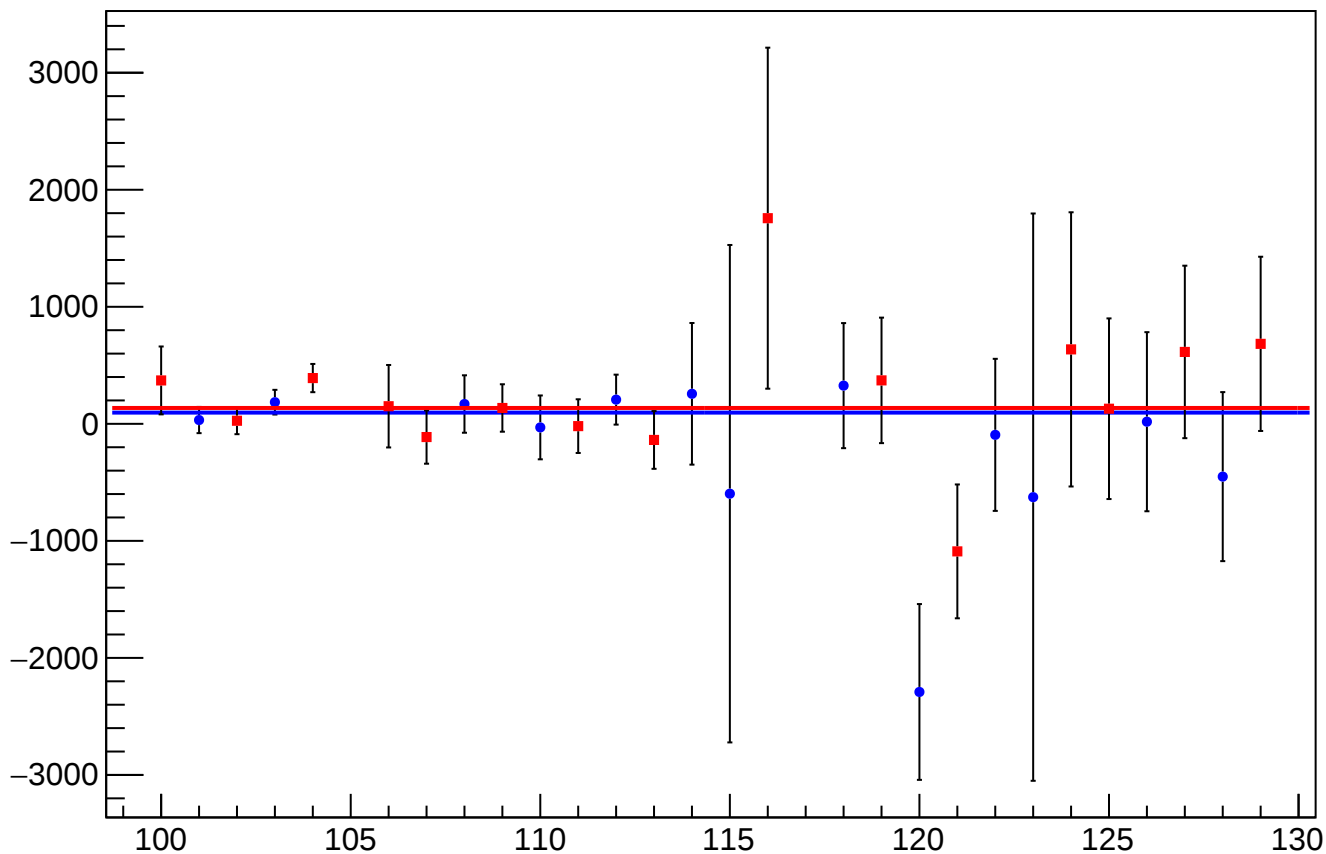
Right: 94.906+/-0.027 χ^2/NDF : 7350661.9/27

In: 86.346+/-0.037 χ^2/NDF : 3576245.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.906+/-0.027 χ^2/NDF : 7350661.9/27

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 95.927+/-65.087 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.629+/-62.417 χ^2/NDF : 16.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

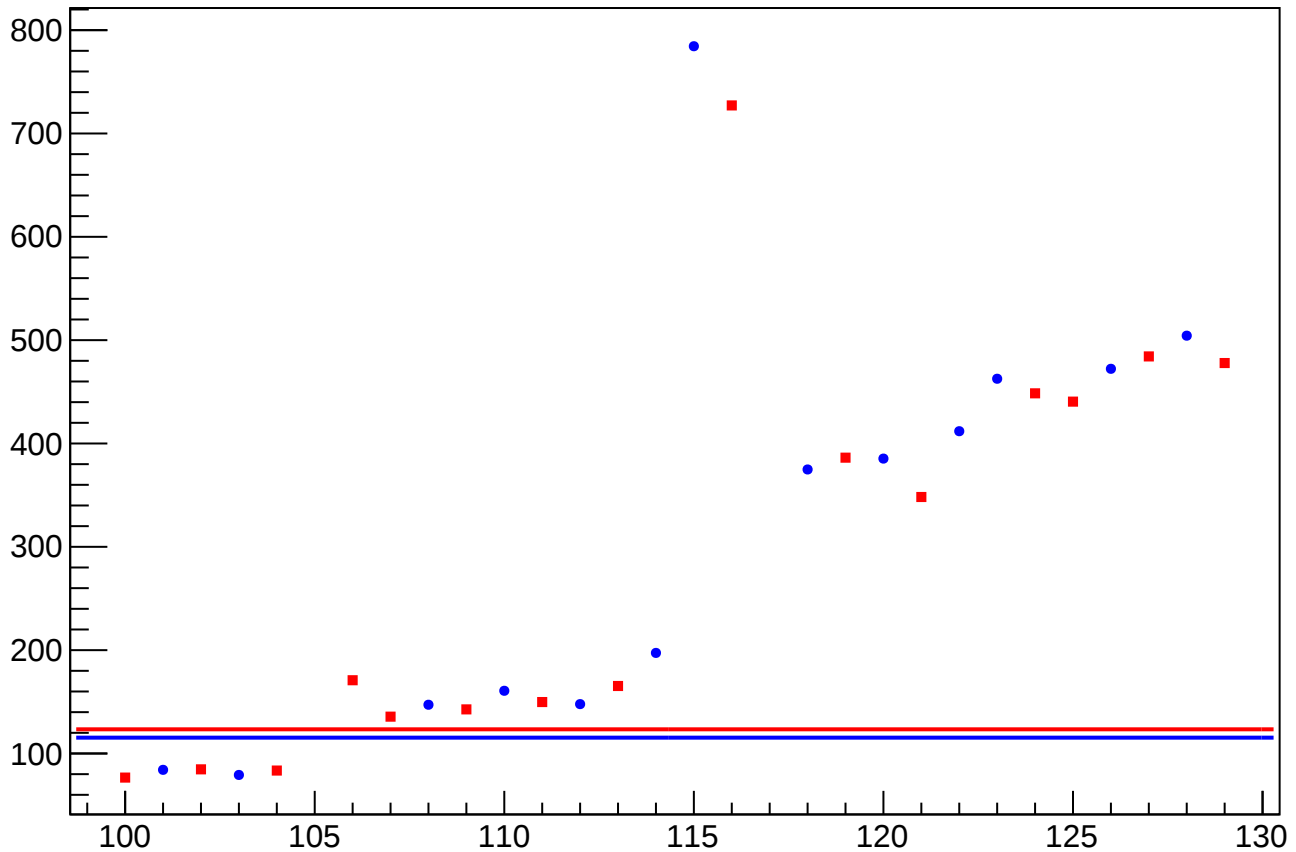
Right: 116.609+/-45.050 χ^2/NDF : 29.1/27

In: 95.927+/-65.087 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.609+/-45.050 χ^2/NDF : 29.1/27

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 115.328+/-0.046 χ^2/NDF : 2962998.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.400+/-0.044 χ^2/NDF : 3201275.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

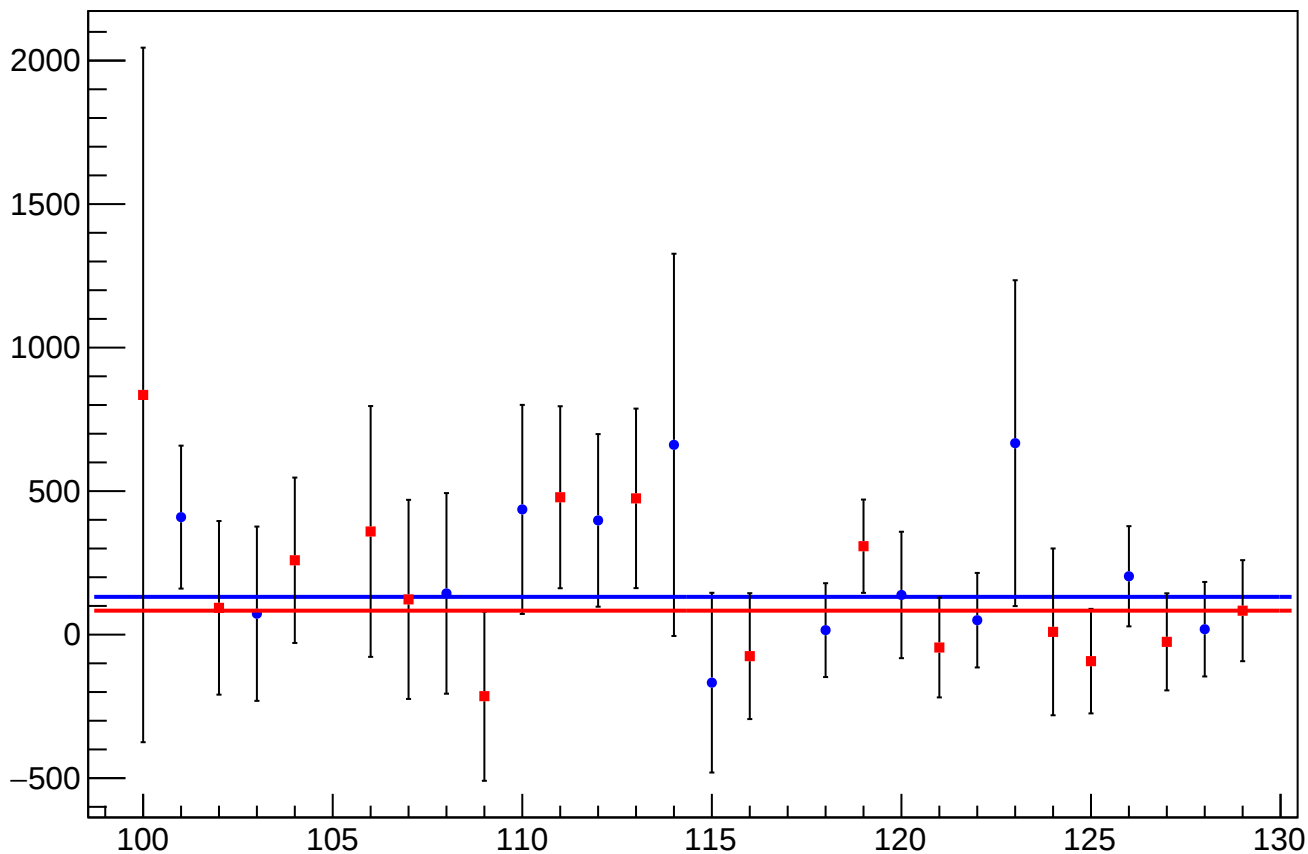
Right: 119.533+/-0.032 χ^2/NDF : 6180299.9/27

In: 115.328+/-0.046 χ^2/NDF : 2962998.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.533+/-0.032 χ^2/NDF : 6180299.9/27

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 131.567 $\pm$ 65.380 χ^2 /NDF: 6.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 83.491 $\pm$ 60.874 χ^2 /NDF: 9.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

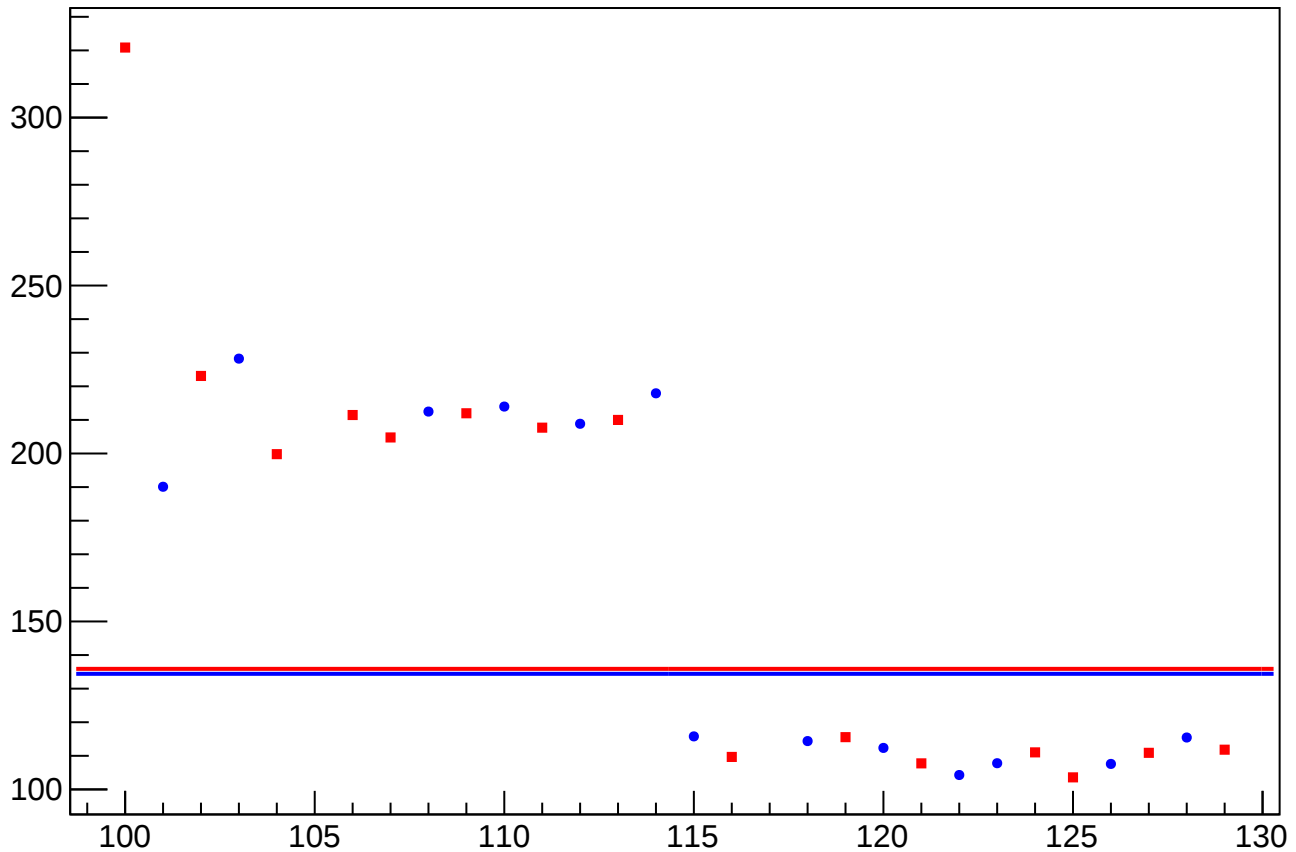
Right: 105.815 $\pm$ 44.552 χ^2 /NDF: 16.6/27

In: 131.567 $\pm$ 65.380 χ^2 /NDF:6.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 105.815 $\pm$ 44.552 χ^2 /NDF: 16.6/27

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 134.411+/-0.046 χ^2/NDF : 842534.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.891+/-0.043 χ^2/NDF : 1069054.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

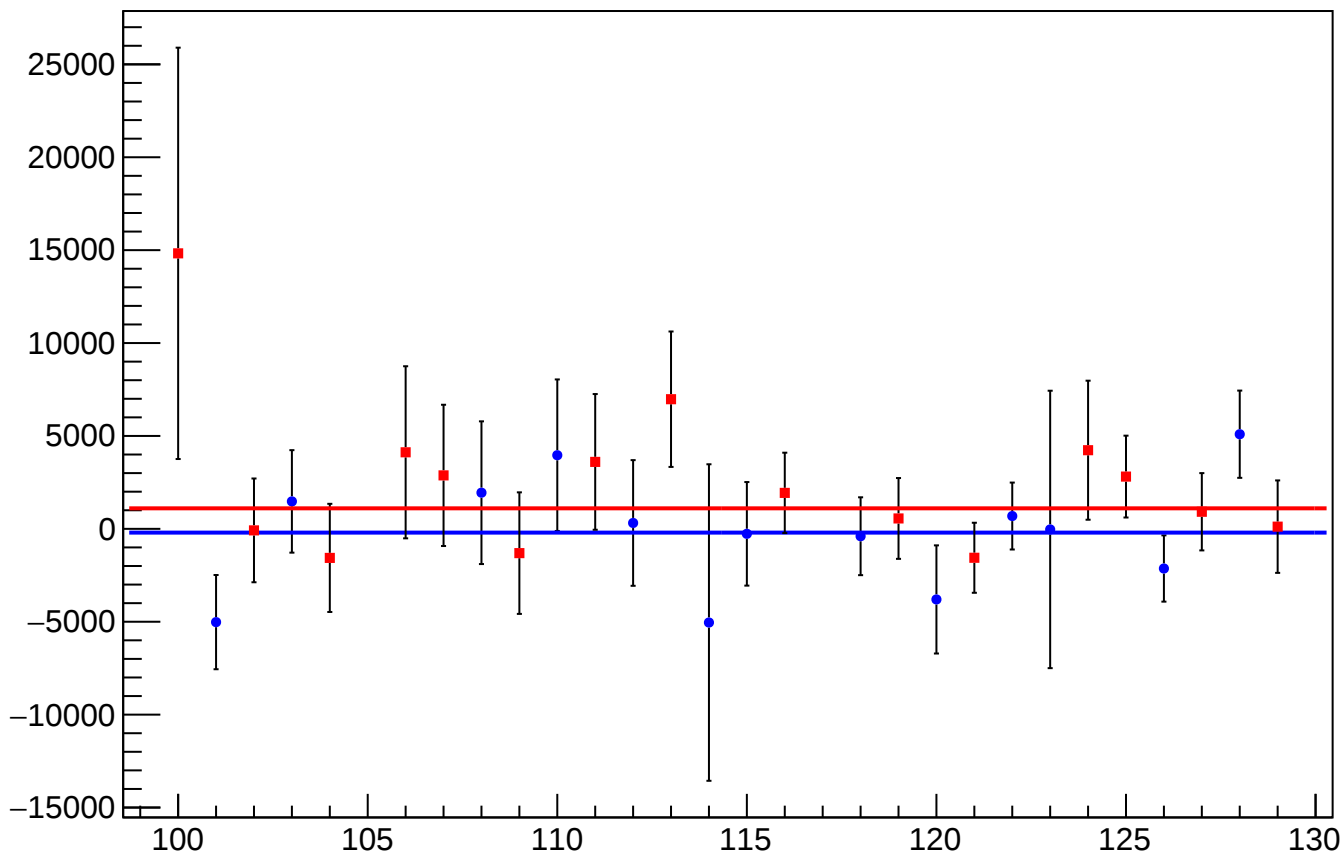
Right: 135.204+/-0.032 χ^2/NDF : 1912137.2/27

In: 134.411+/-0.046 χ^2/NDF : 842534.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.204+/-0.032 χ^2/NDF : 1912137.2/27

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -202.681+/-742.770 χ^2/NDF : 13.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1103.894+/-708.743 χ^2/NDF : 10.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

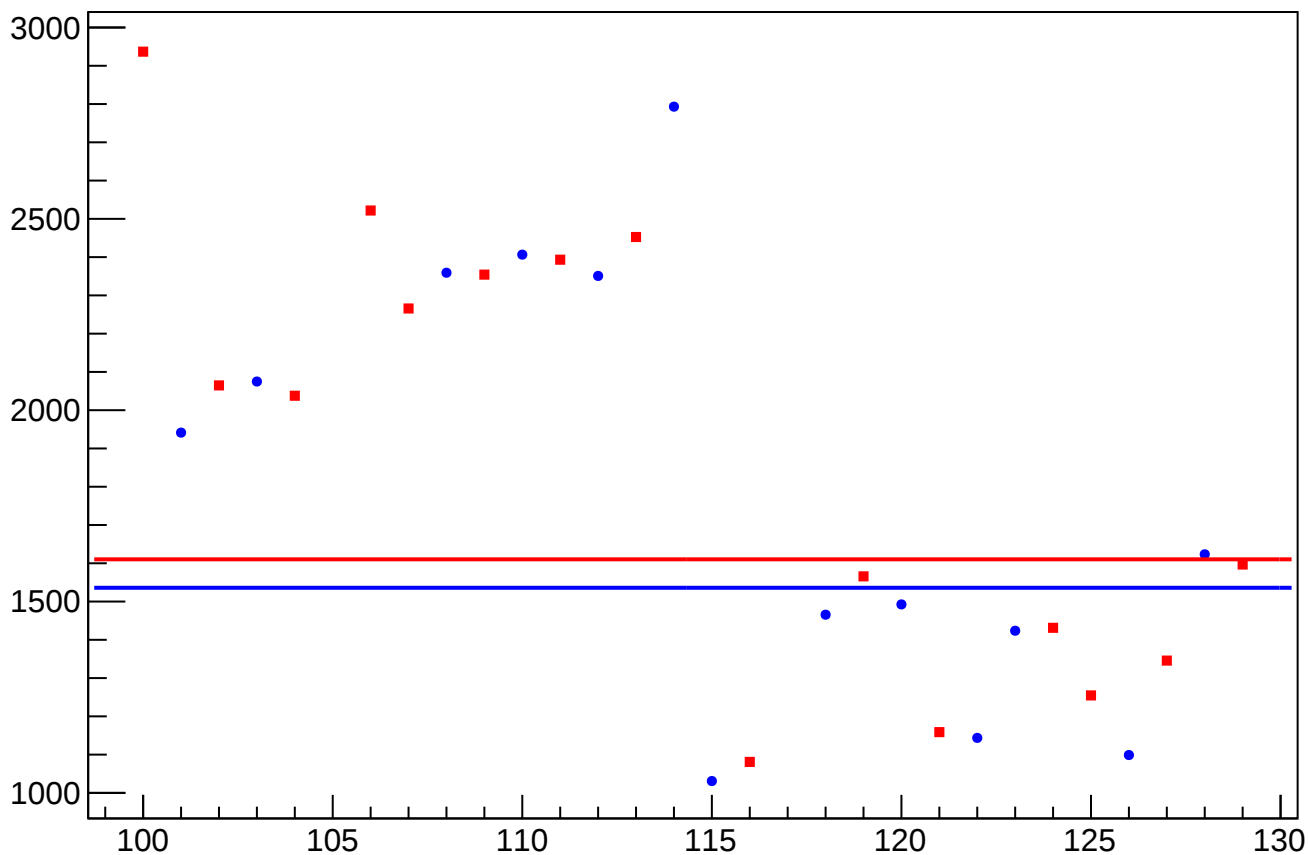
Right: 481.219+/-512.764 χ^2/NDF : 25.8/27

In: -202.681+/-742.770 χ^2/NDF :13.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 481.219+/-512.764 χ^2/NDF : 25.8/27

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1535.971+/-0.525 χ^2/NDF : 756690.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1610.315+/-0.501 χ^2/NDF : 888455.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

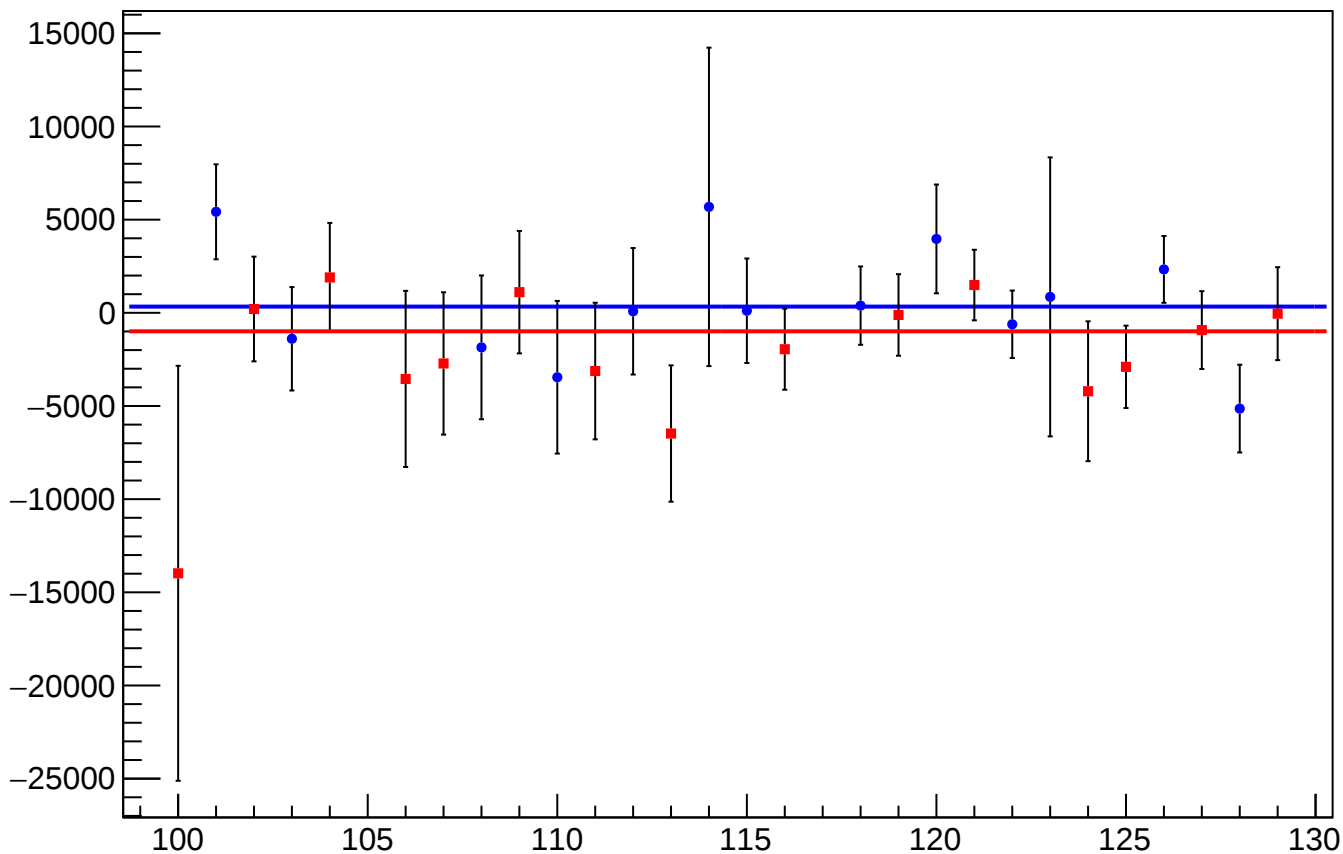
Right: 1574.885+/-0.363 χ^2/NDF : 1655634.2/27

In: 1535.971+/-0.525 χ^2/NDF : 756690.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1574.885+/-0.363 χ^2/NDF : 1655634.2/27

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 334.454+/-746.007 χ^2/NDF : 14.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -992.398+/-712.154 χ^2/NDF : 9.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

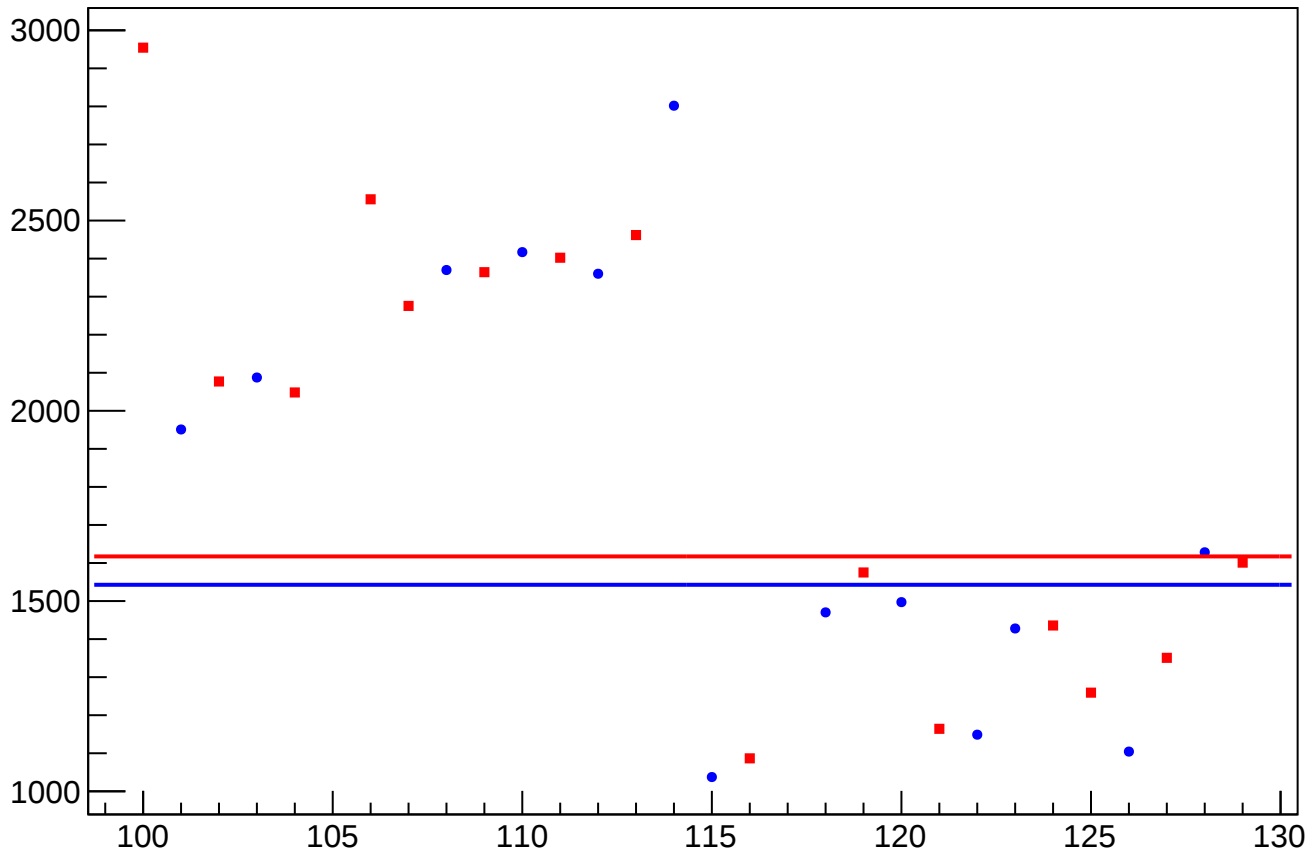
Right: -359.760+/-515.121 χ^2/NDF : 25.8/27

In: 334.454+/-746.007 χ^2/NDF : 14.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -359.760+/-515.121 χ^2/NDF : 25.8/27

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1542.762+/-0.528 χ^2/NDF : 756120.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1617.302+/-0.504 χ^2/NDF : 890053.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

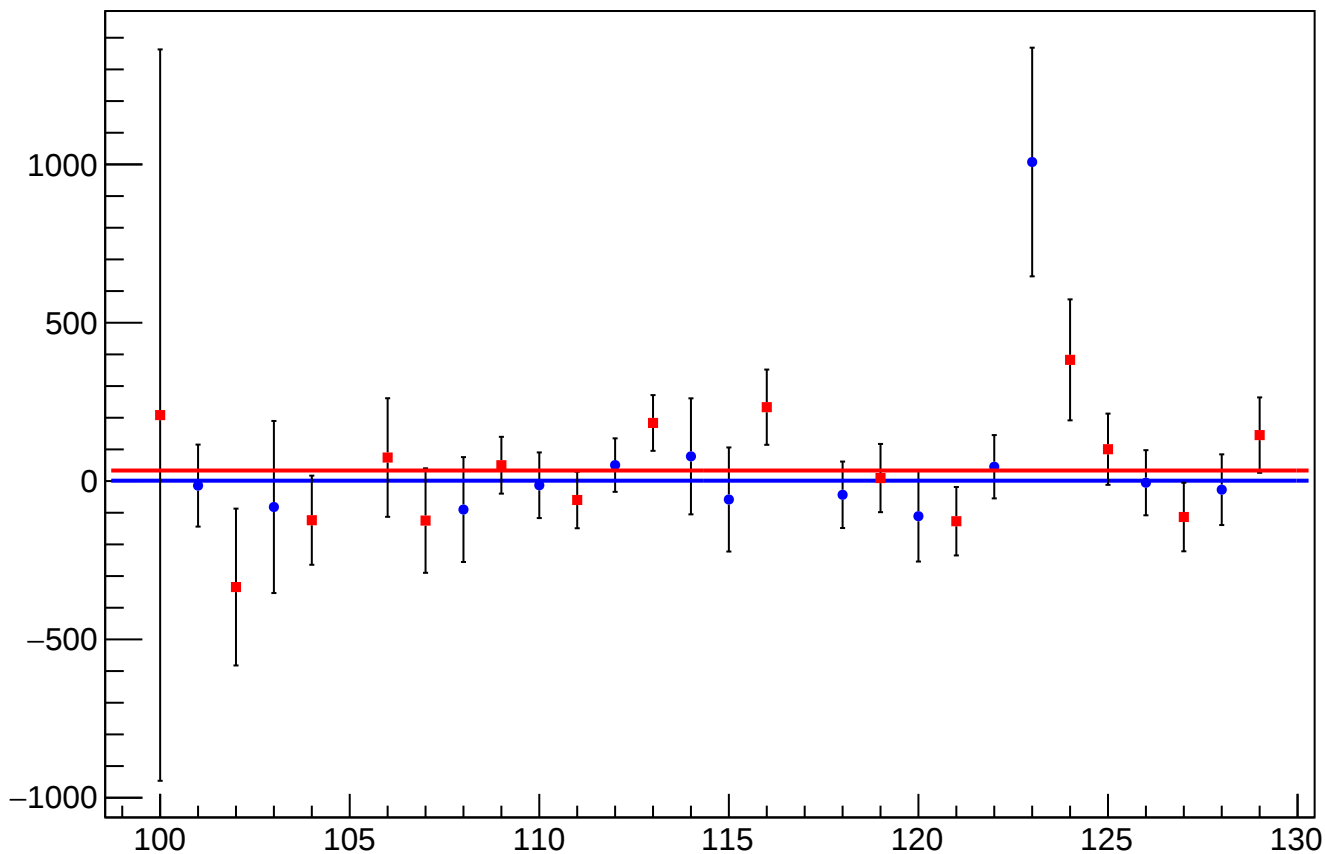
Right: 1581.762+/-0.364 χ^2/NDF : 1656621.4/27

In: 1542.762+/-0.528 χ^2/NDF : 756120.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1581.762+/-0.364 χ^2/NDF : 1656621.4/27

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 1.227 $\pm$ 34.675 χ^2 /NDF: 9.9/12

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 33.357 $\pm$ -31.360 χ^2 /NDF: 20.0/14

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

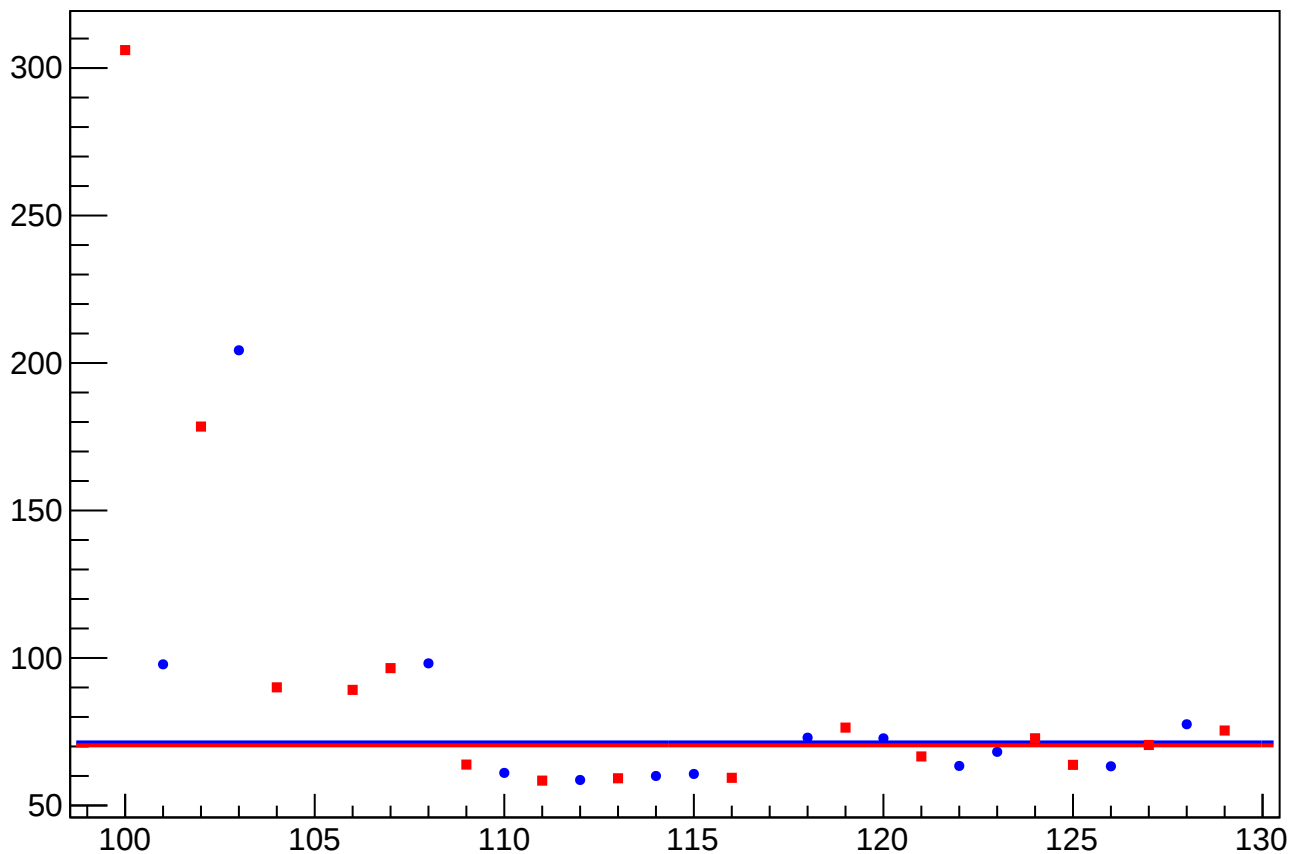
Right: 18.900 $\pm$ -23.259 χ^2 /NDF: 30.3/27

In: 1.227 $\pm$ -34.675 χ^2 /NDF:9.9/12

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 18.900 $\pm$ -23.259 χ^2 /NDF: 30.3/27

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 71.370+/-0.025 χ^2/NDF : 728194.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.381+/-0.022 χ^2/NDF : 689123.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

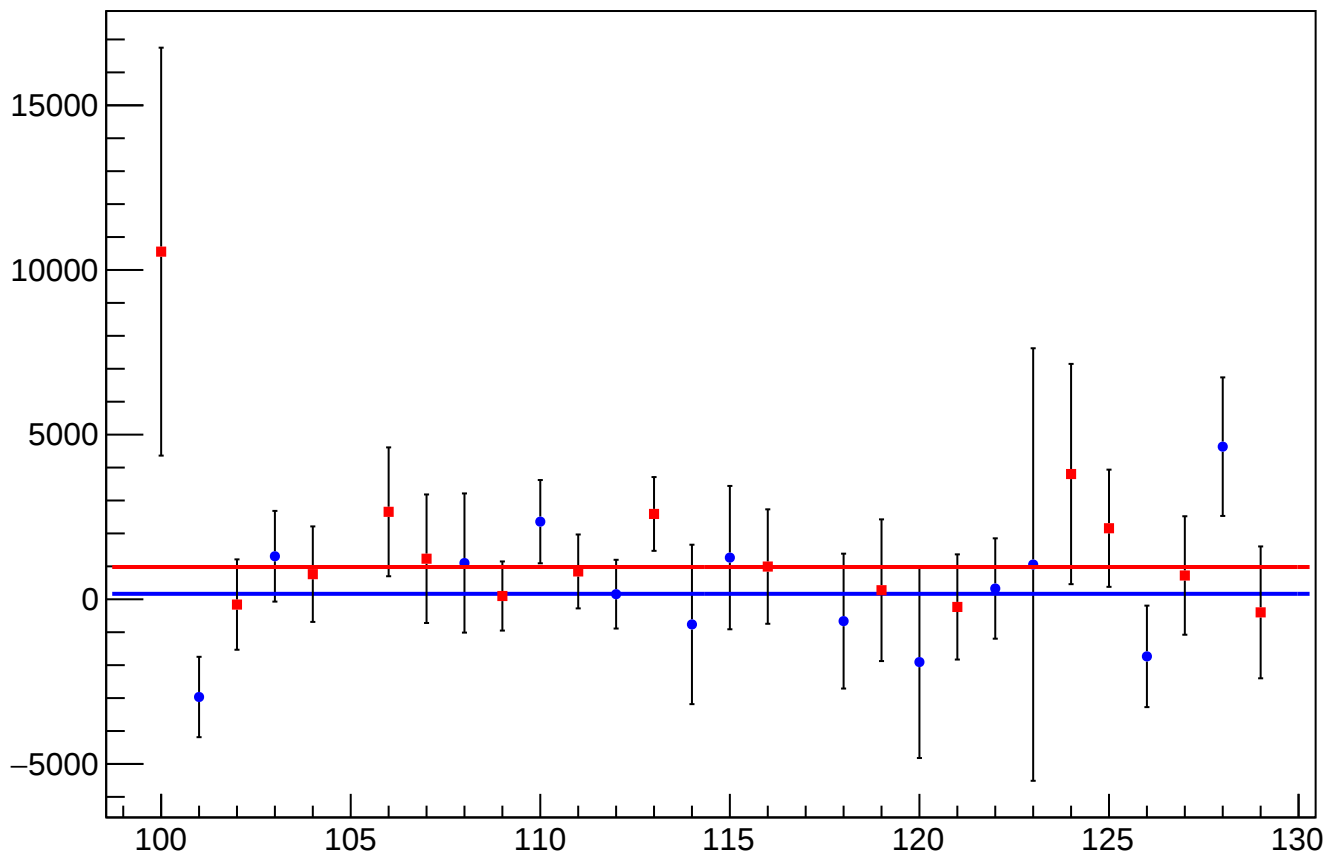
Right: 70.826+/-0.016 χ^2/NDF : 1418212.8/27

In: 71.370+/-0.025 χ^2/NDF : 728194.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.826+/-0.016 χ^2/NDF : 1418212.8/27

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: 165.940+/-456.159 χ^2/NDF : 17.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 980.268+/-409.673 χ^2/NDF : 9.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

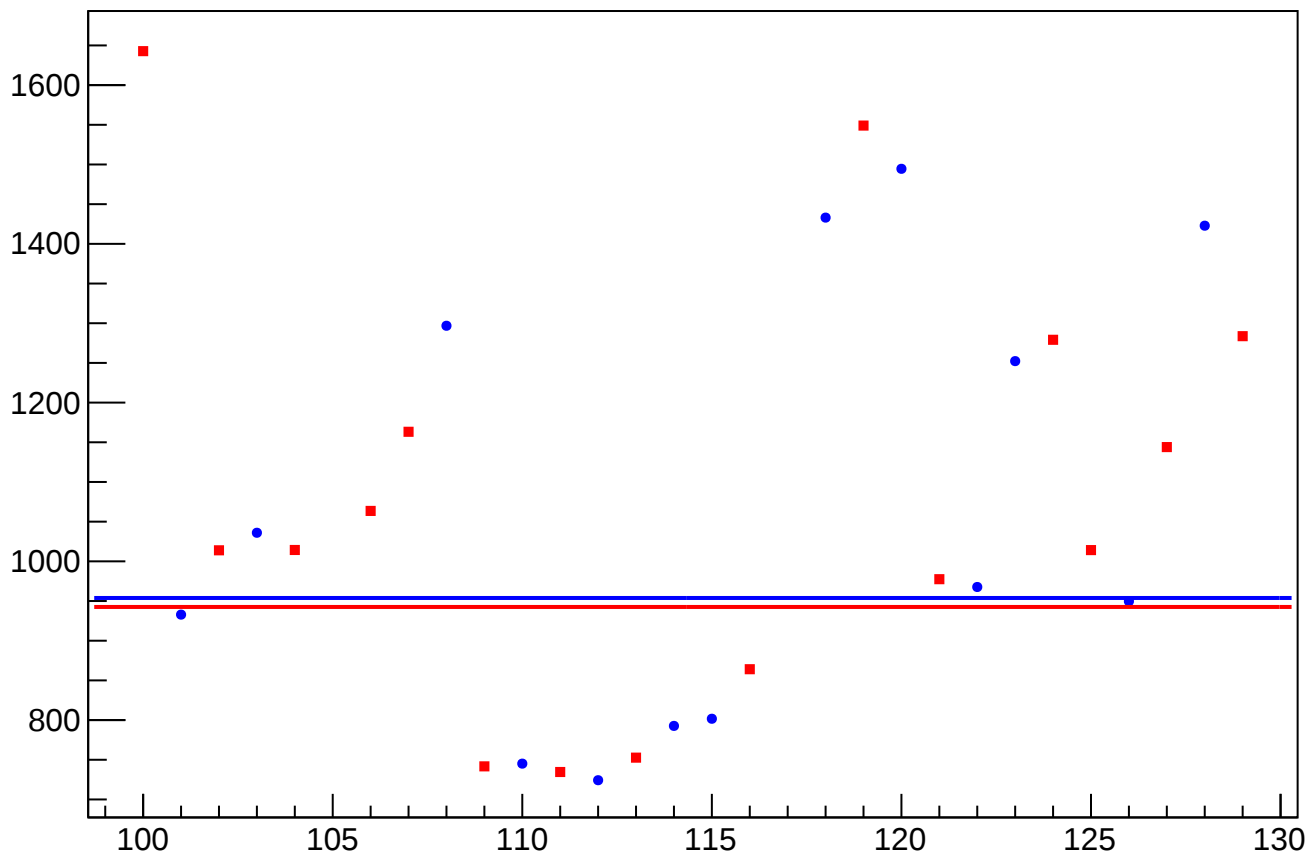
Right: 616.699+/-304.797 χ^2/NDF : 28.3/27

In: 165.940+/-456.159 χ^2/NDF : 17.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 616.699+/-304.797 χ^2/NDF : 28.3/27

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 953.848+/-0.323 χ^2/NDF : 512444.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 942.526+/-0.290 χ^2/NDF : 539054.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

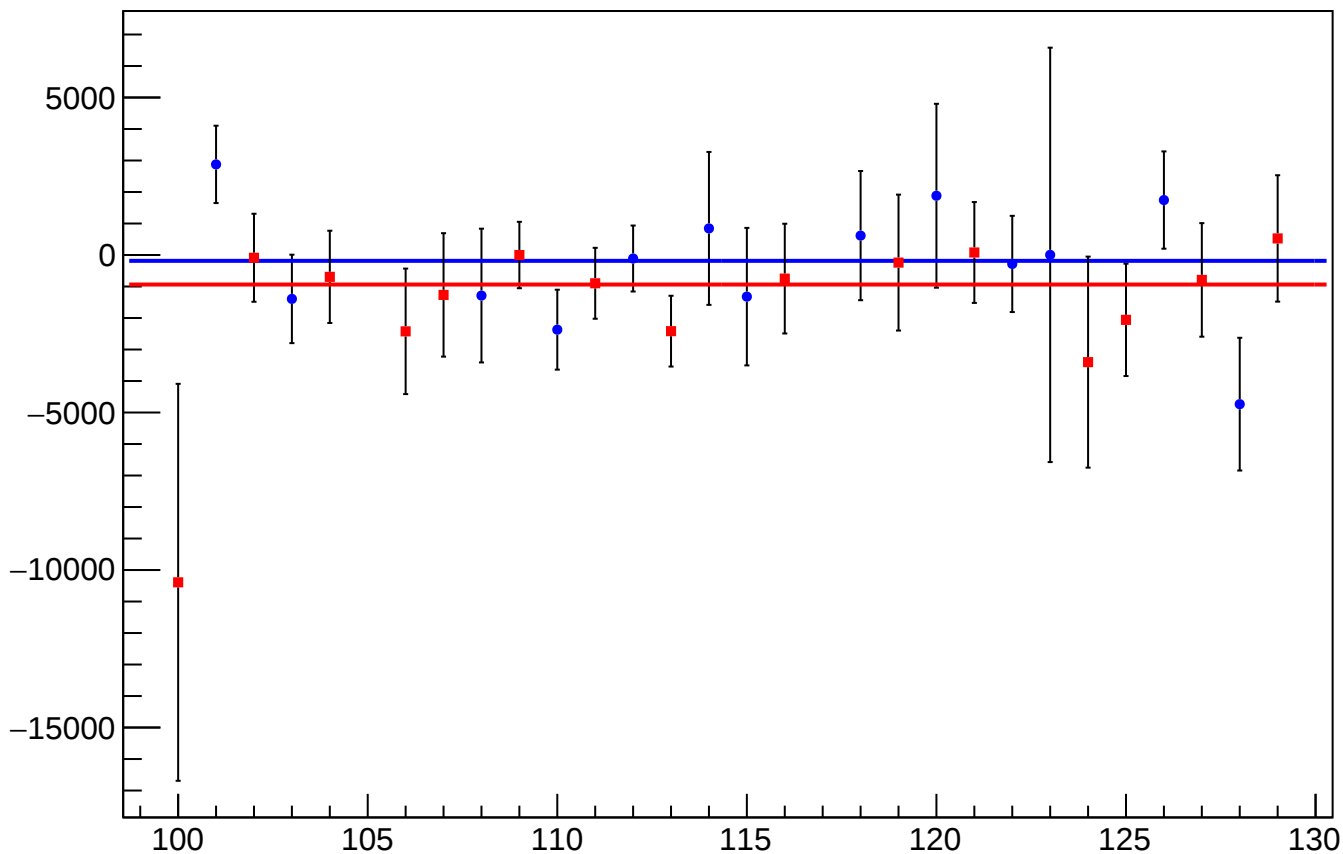
Right: 947.581+/-0.216 χ^2/NDF : 1052180.5/27

In: 953.848+/-0.323 χ^2/NDF : 512444.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 947.581+/-0.216 χ^2/NDF : 1052180.5/27

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -185.323 ± 458.480 χ^2/NDF : 17.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -937.412 ± 411.947 χ^2/NDF : 7.8/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

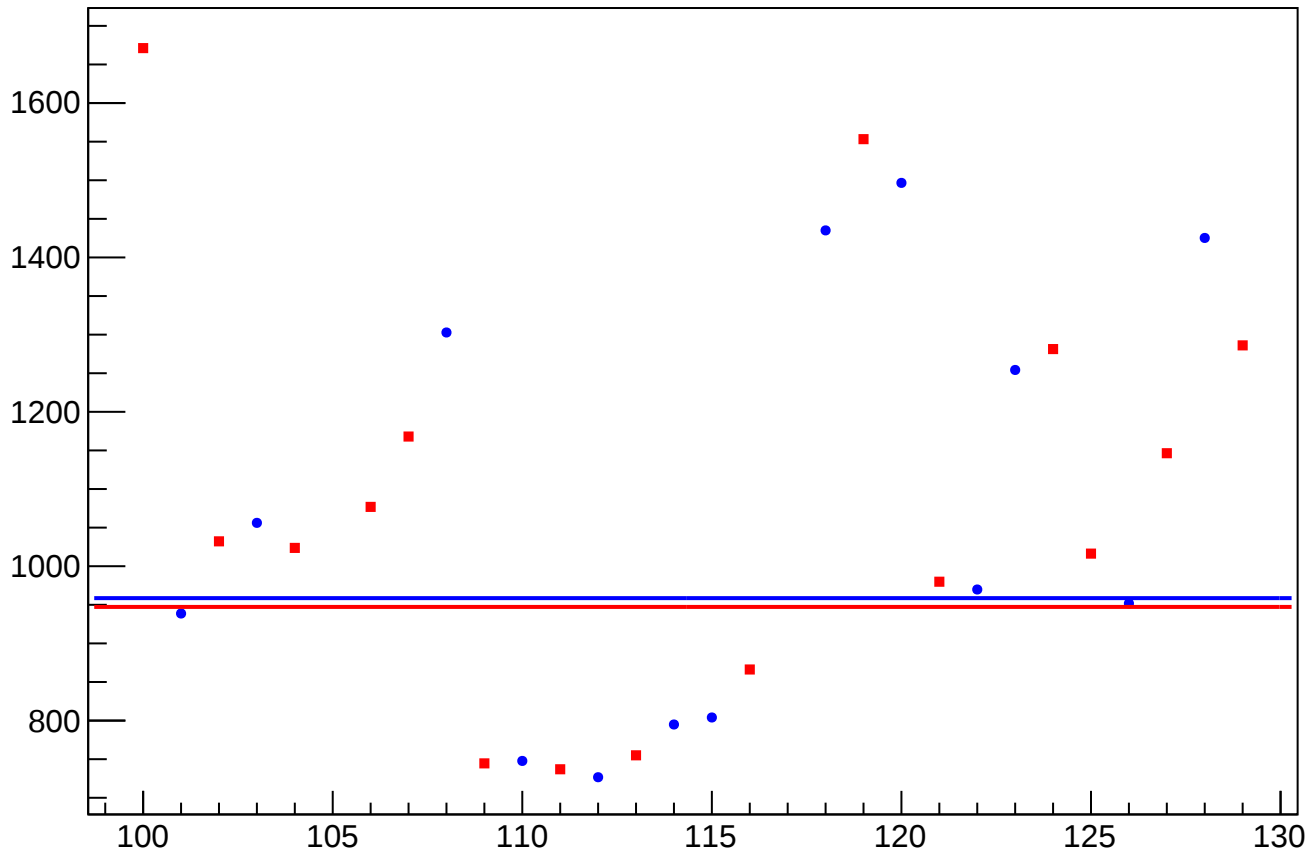
Right: -601.459 ± 306.425 χ^2/NDF : 26.8/27

In: -185.323 ± 458.480 χ^2/NDF : 17.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -601.459 ± 306.425 χ^2/NDF : 26.8/27

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 958.656+/-0.324 χ^2/NDF : 513508.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 947.257+/-0.291 χ^2/NDF : 542749.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

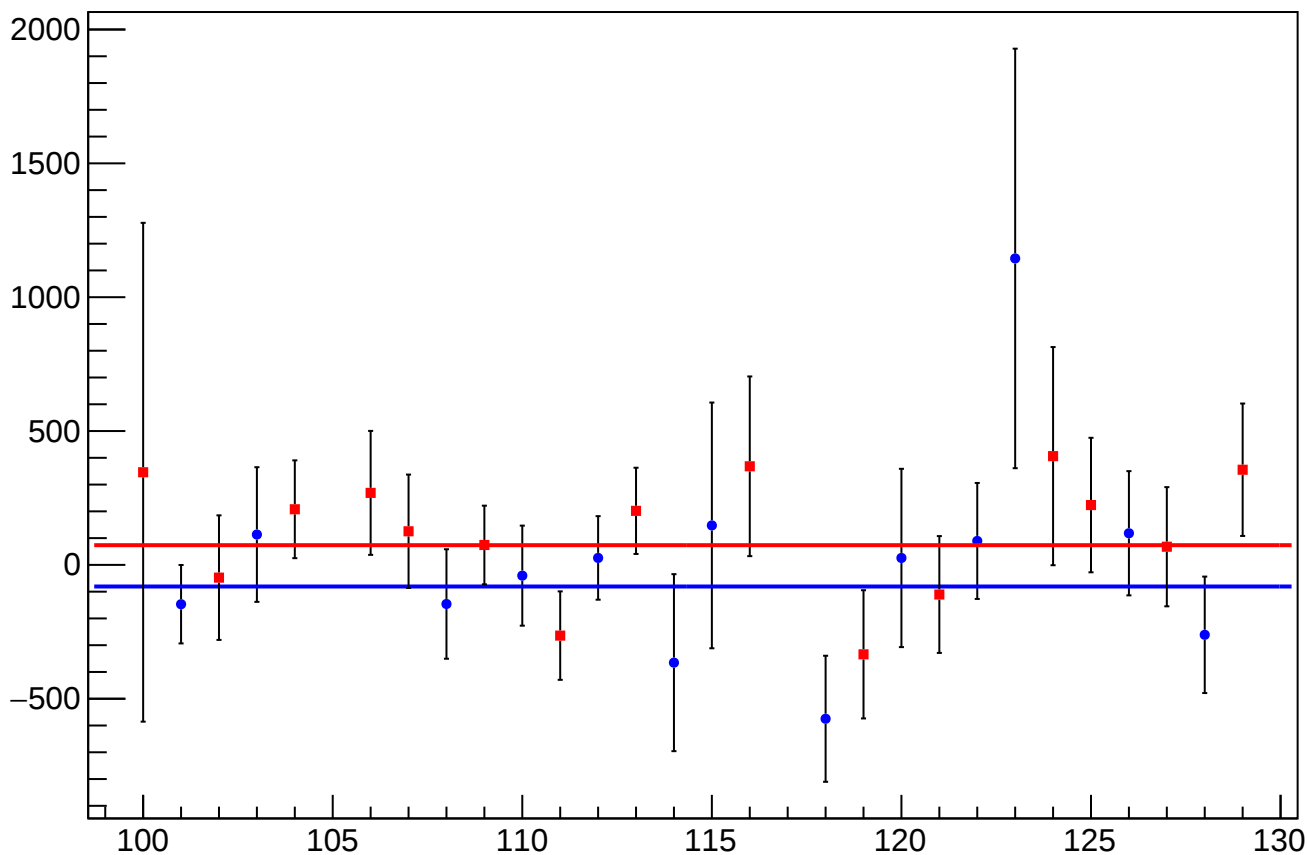
Right: 952.349+/-0.217 χ^2/NDF : 1056942.3/27

In: 958.656+/-0.324 χ^2/NDF : 513508.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 952.349+/-0.217 χ^2/NDF : 1056942.3/27

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -80.744+/-62.064 χ^2/NDF : 11.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.633+/-56.102 χ^2/NDF : 13.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

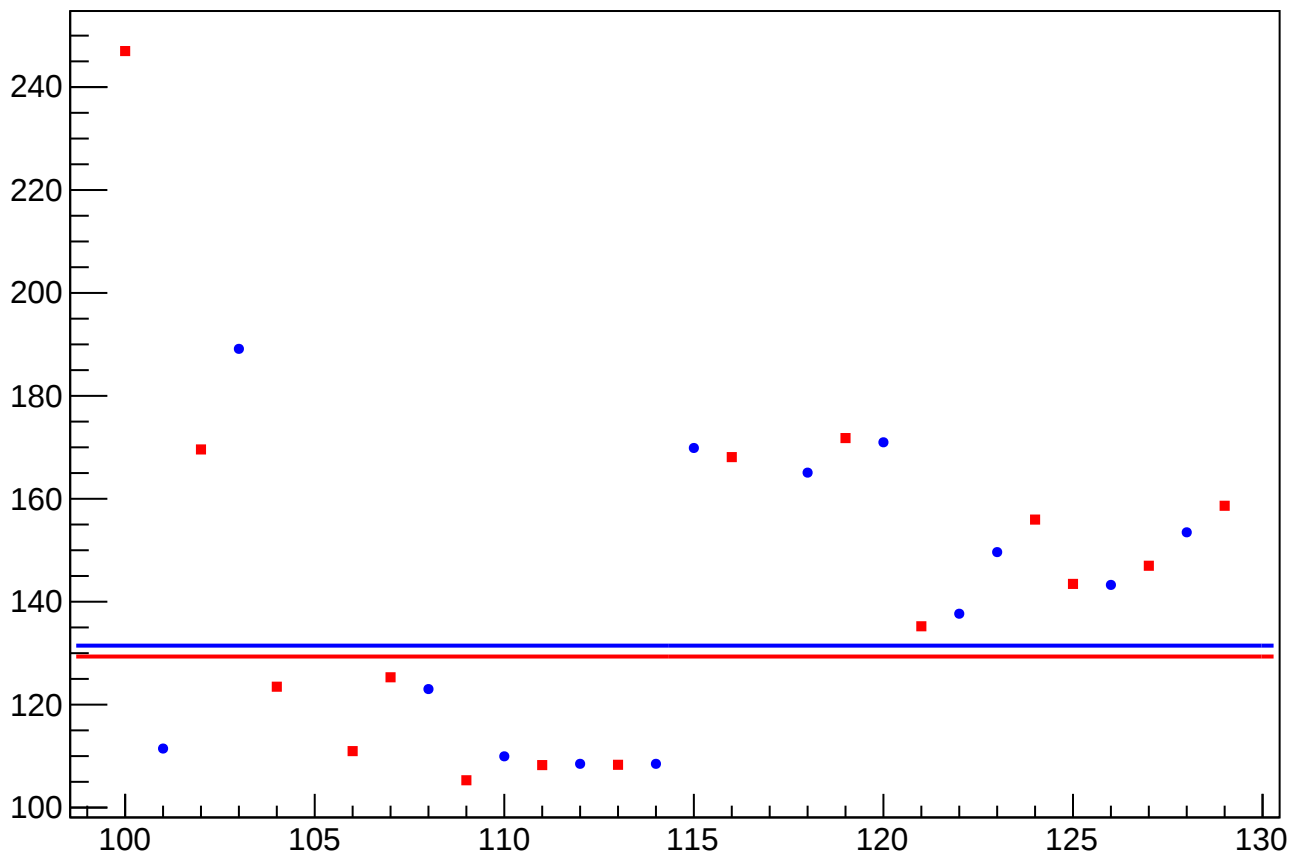
Right: 4.214+/-41.619 χ^2/NDF : 28.0/27

In: -80.744+/-62.064 χ^2/NDF : 11.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.214+/-41.619 χ^2/NDF : 28.0/27

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 131.465+/-0.044 χ^2/NDF : 336588.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.348+/-0.040 χ^2/NDF : 373774.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

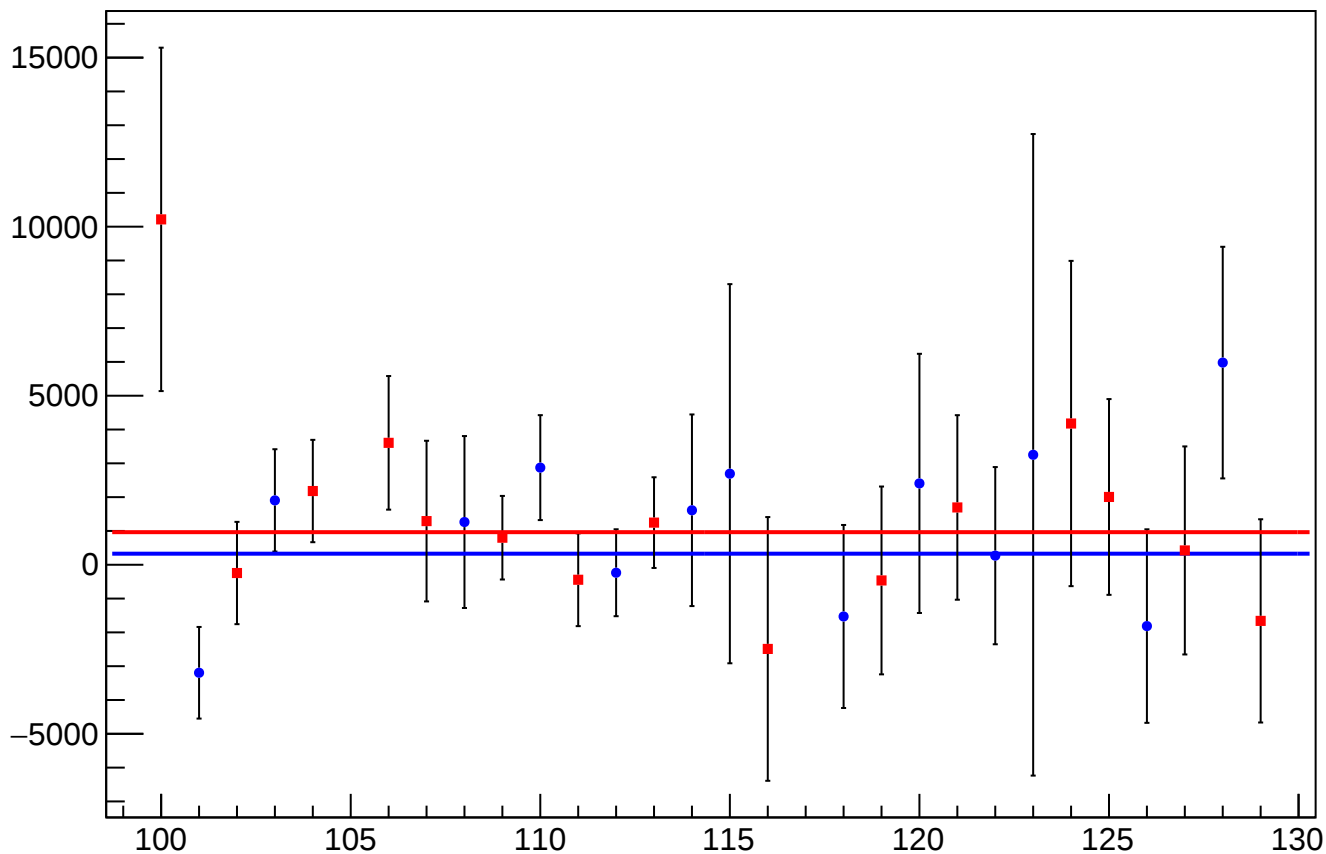
Right: 130.300+/-0.029 χ^2/NDF : 711642.9/27

In: 131.465+/-0.044 χ^2/NDF : 336588.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.300+/-0.029 χ^2/NDF : 711642.9/27

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: 327.447 $\pm$ 589.128 χ^2 /NDF: 15.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 964.123 $\pm$ 513.312 χ^2 /NDF: 10.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

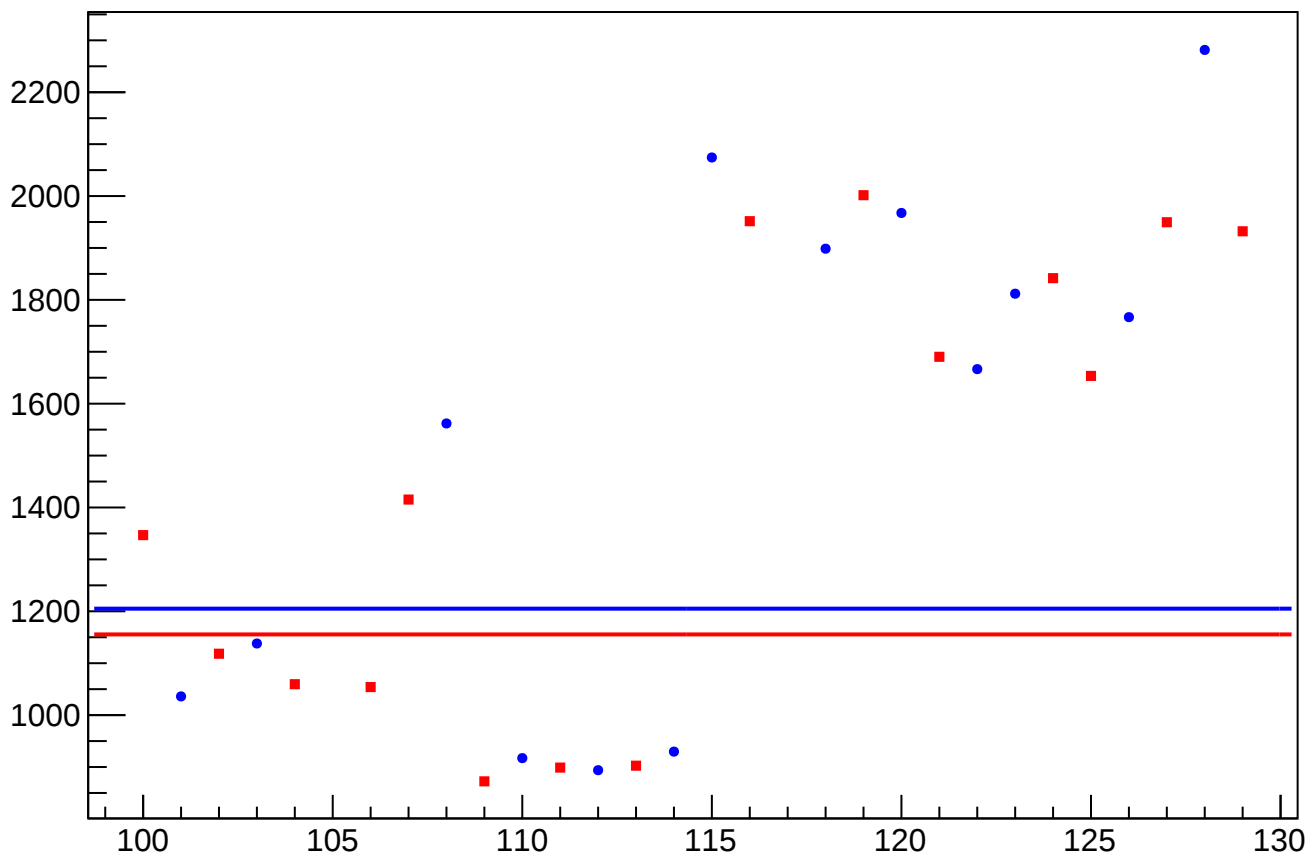
Right: 689.364 $\pm$ 387.014 χ^2 /NDF: 26.1/27

In: 327.447 $\pm$ 589.128 χ^2 /NDF:15.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 689.364 $\pm$ 387.014 χ^2 /NDF: 26.1/27

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1205.093+/-0.417 χ^2/NDF : 882542.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1155.461+/-0.363 χ^2/NDF : 999503.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

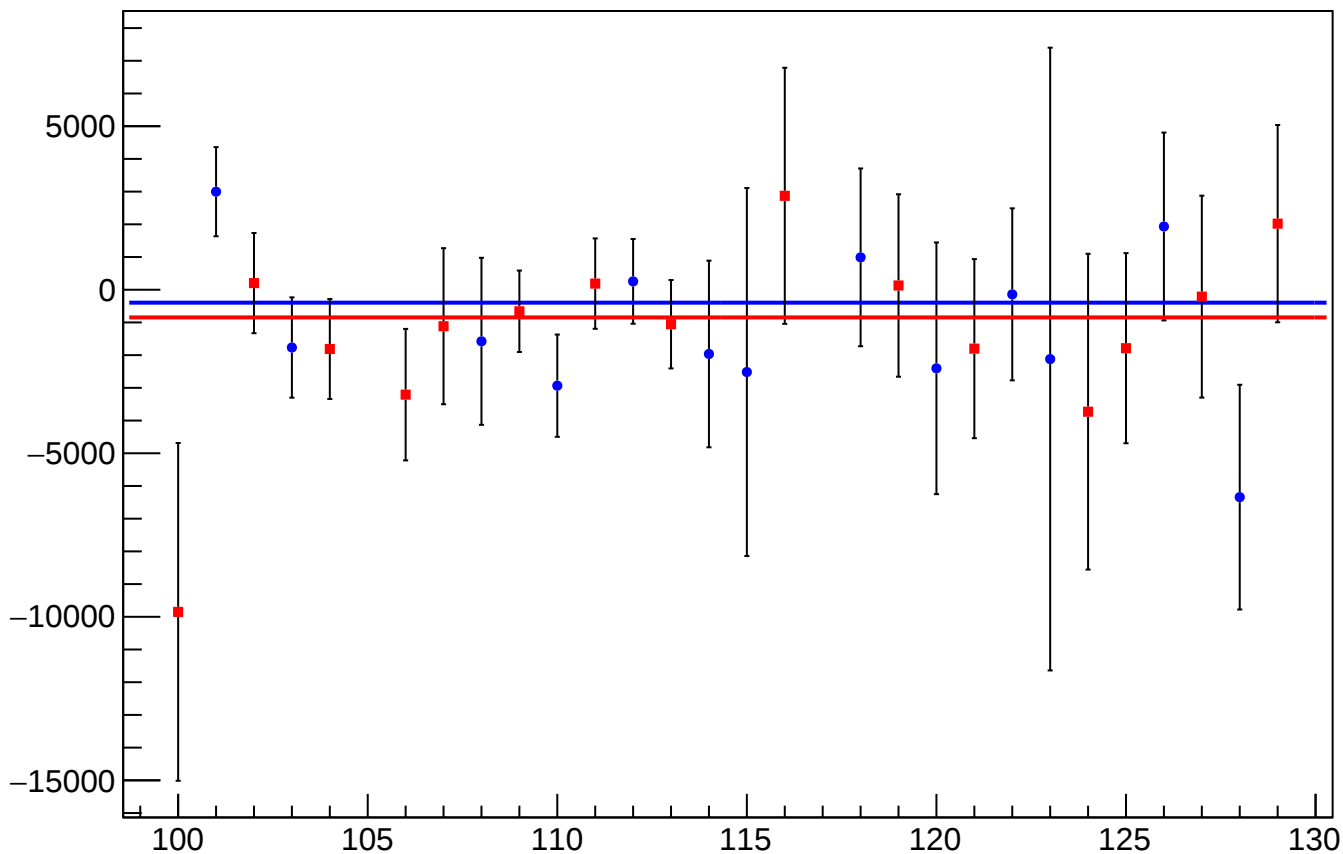
Right: 1176.880+/-0.274 χ^2/NDF : 1890114.3/27

In: 1205.093+/-0.417 χ^2/NDF : 882542.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1176.880+/-0.274 χ^2/NDF : 1890114.3/27

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -395.411+/-593.310 χ^2/NDF : 14.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -846.488+/-517.493 χ^2/NDF : 8.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

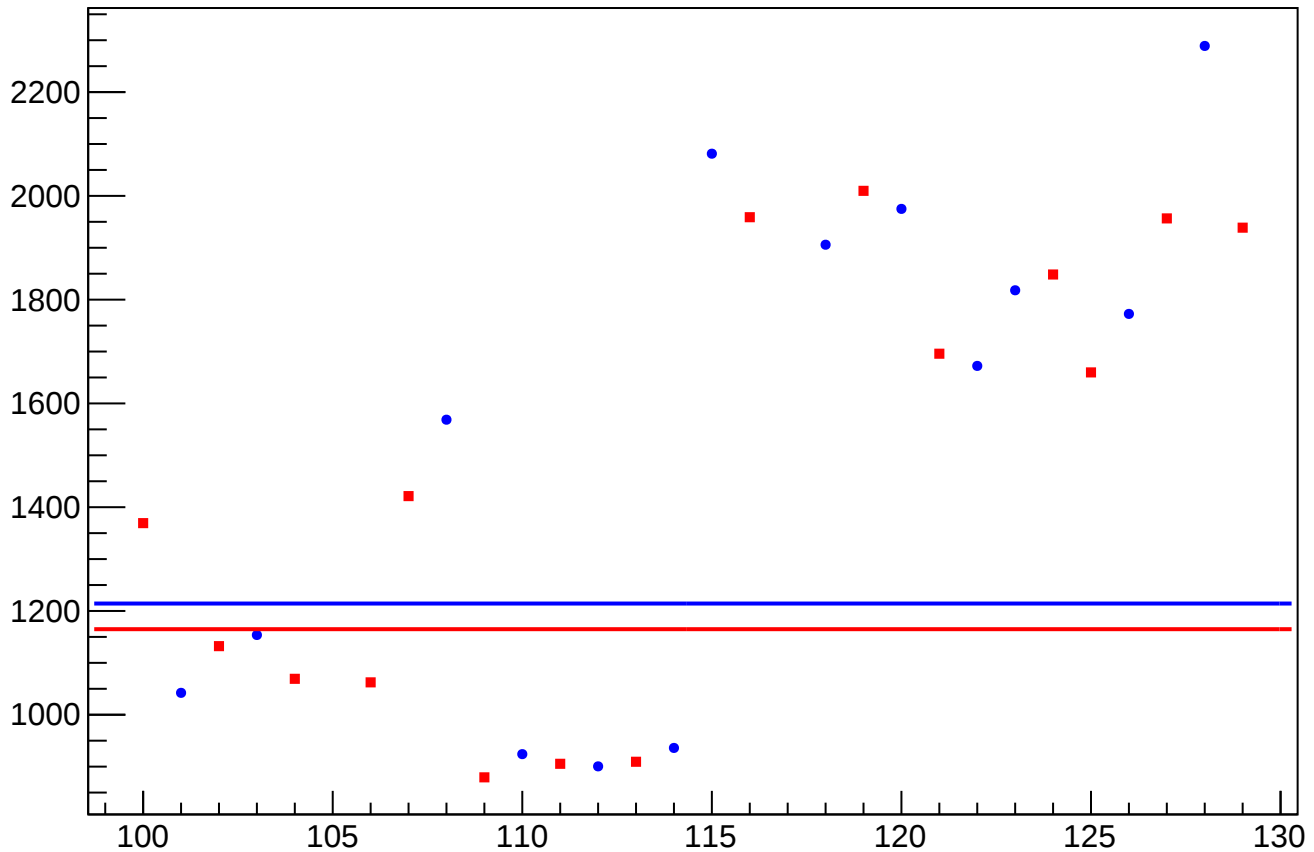
Right: -651.595+/-389.992 χ^2/NDF : 23.6/27

In: -395.411+/-593.310 χ^2/NDF : 14.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -651.595+/-389.992 χ^2/NDF : 23.6/27

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1214.320+/-0.420 χ^2/NDF : 874082.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1164.887+/-0.366 χ^2/NDF : 989502.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

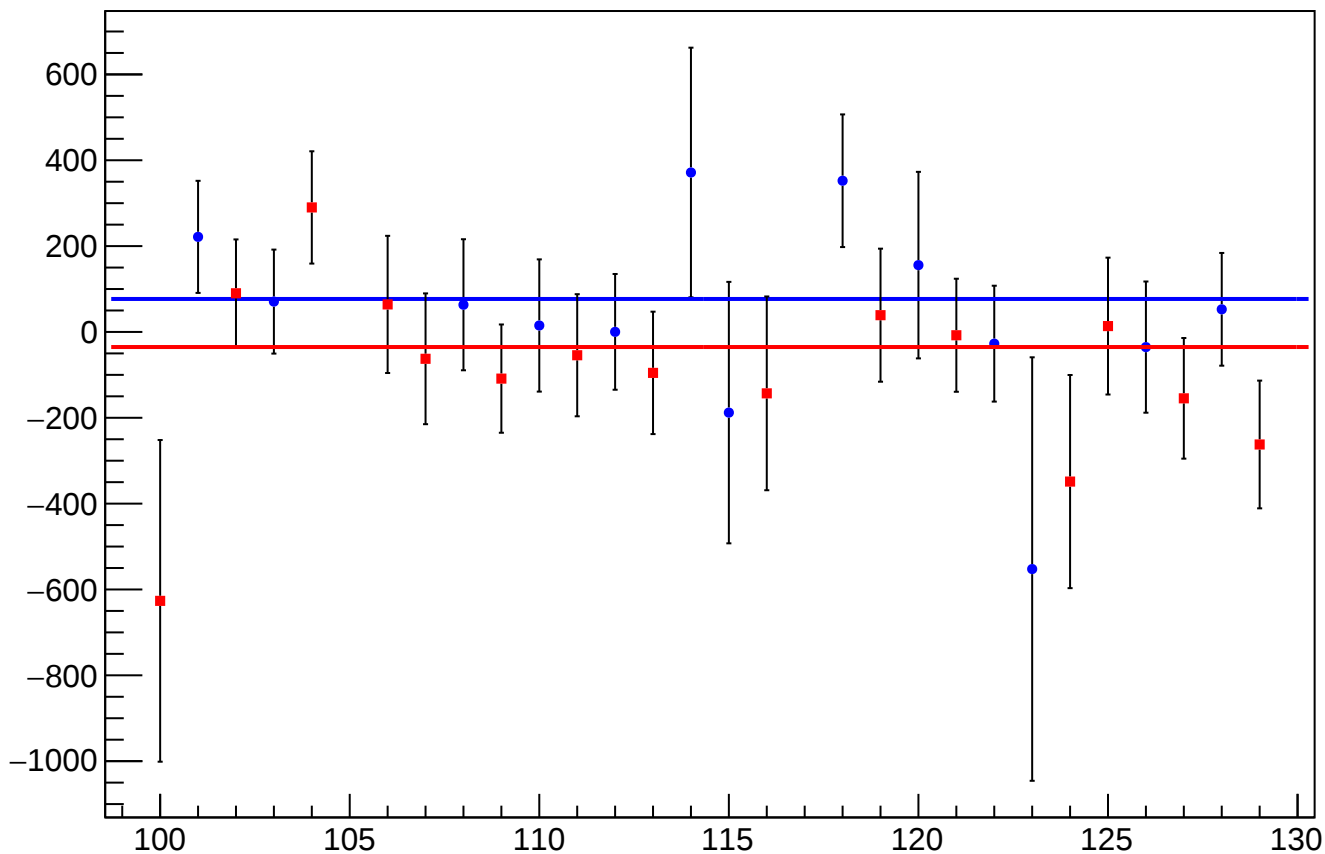
Right: 1186.245+/-0.276 χ^2/NDF : 1871469.7/27

In: 1214.320+/-0.420 χ^2/NDF : 874082.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1186.245+/-0.276 χ^2/NDF : 1871469.7/27

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 76.834+/-44.183 χ^2/NDF : 9.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.141+/-39.435 χ^2/NDF : 15.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

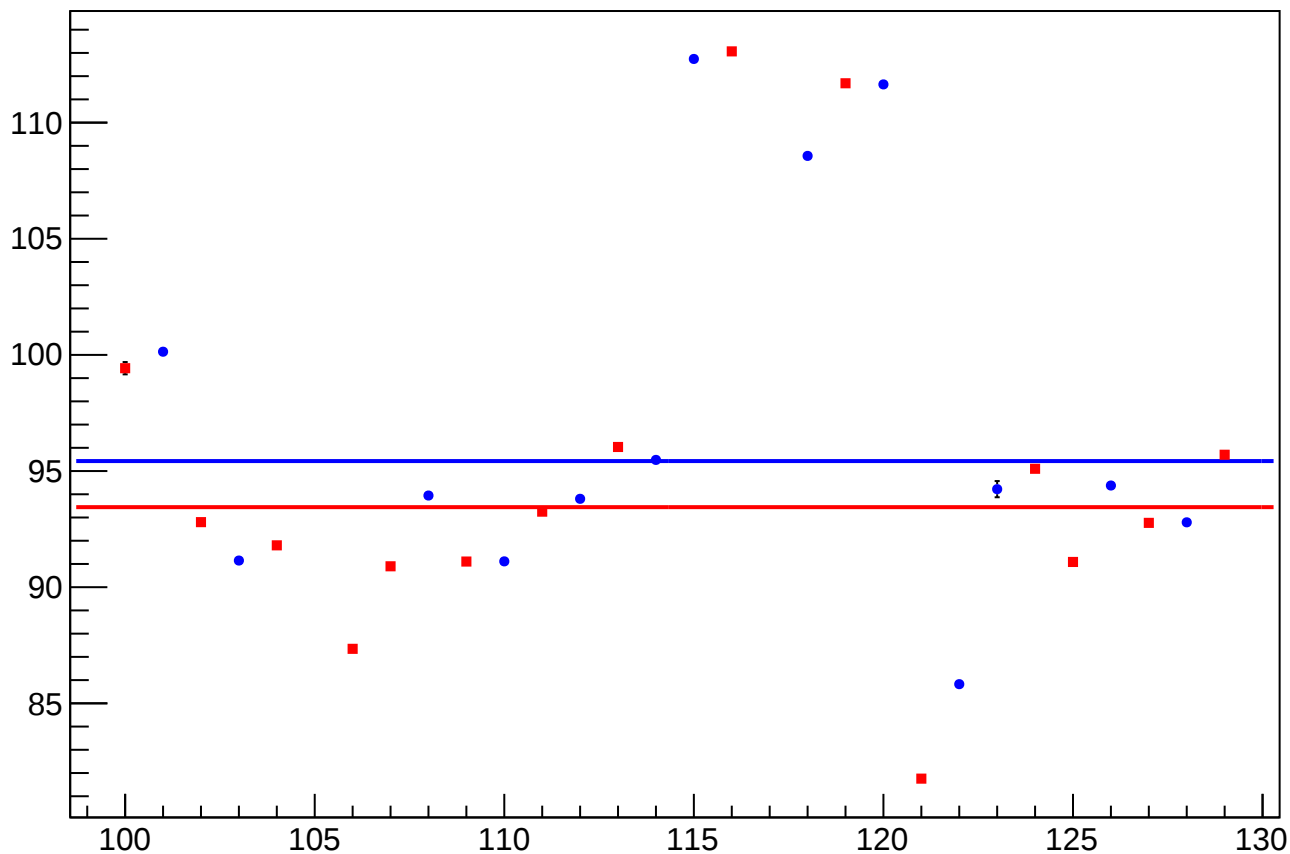
Right: 14.509+/-29.421 χ^2/NDF : 29.0/27

In: 76.834+/-44.183 χ^2/NDF : 9.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.509+/-29.421 χ^2/NDF : 29.0/27

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 95.430 $\pm$ 0.031 χ^2/NDF : 50234.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 93.446 $\pm$ 0.028 χ^2/NDF : 65325.6/14

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

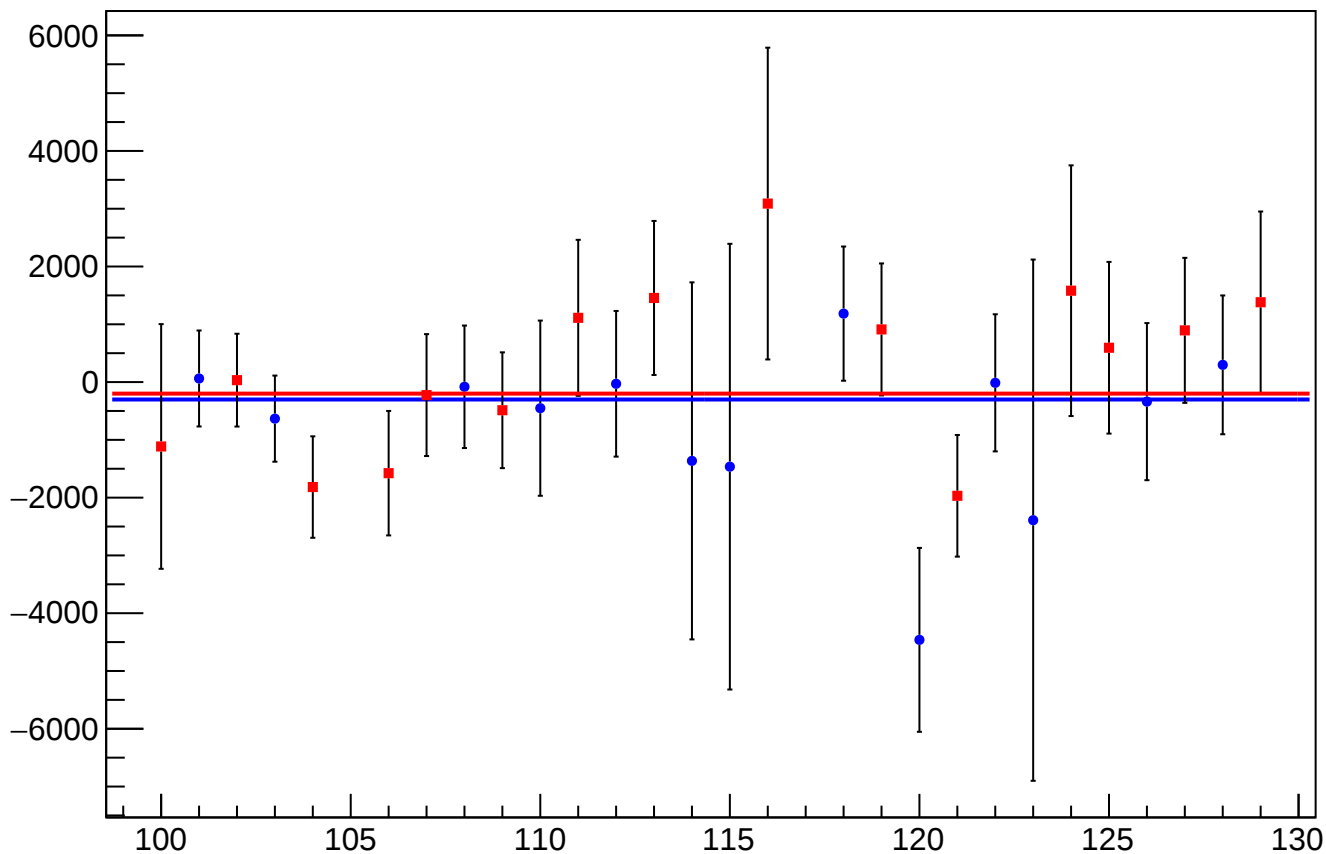
Right: 94.325 $\pm$ 0.021 χ^2/NDF : 117804.7/27

In: 95.430 $\pm$ 0.031 χ^2/NDF : 50234.8/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 94.325 $\pm$ 0.021 χ^2/NDF : 117804.7/27

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -301.529 ± 342.857 χ^2/NDF : 9.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -199.882 ± 309.307 χ^2/NDF : 15.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

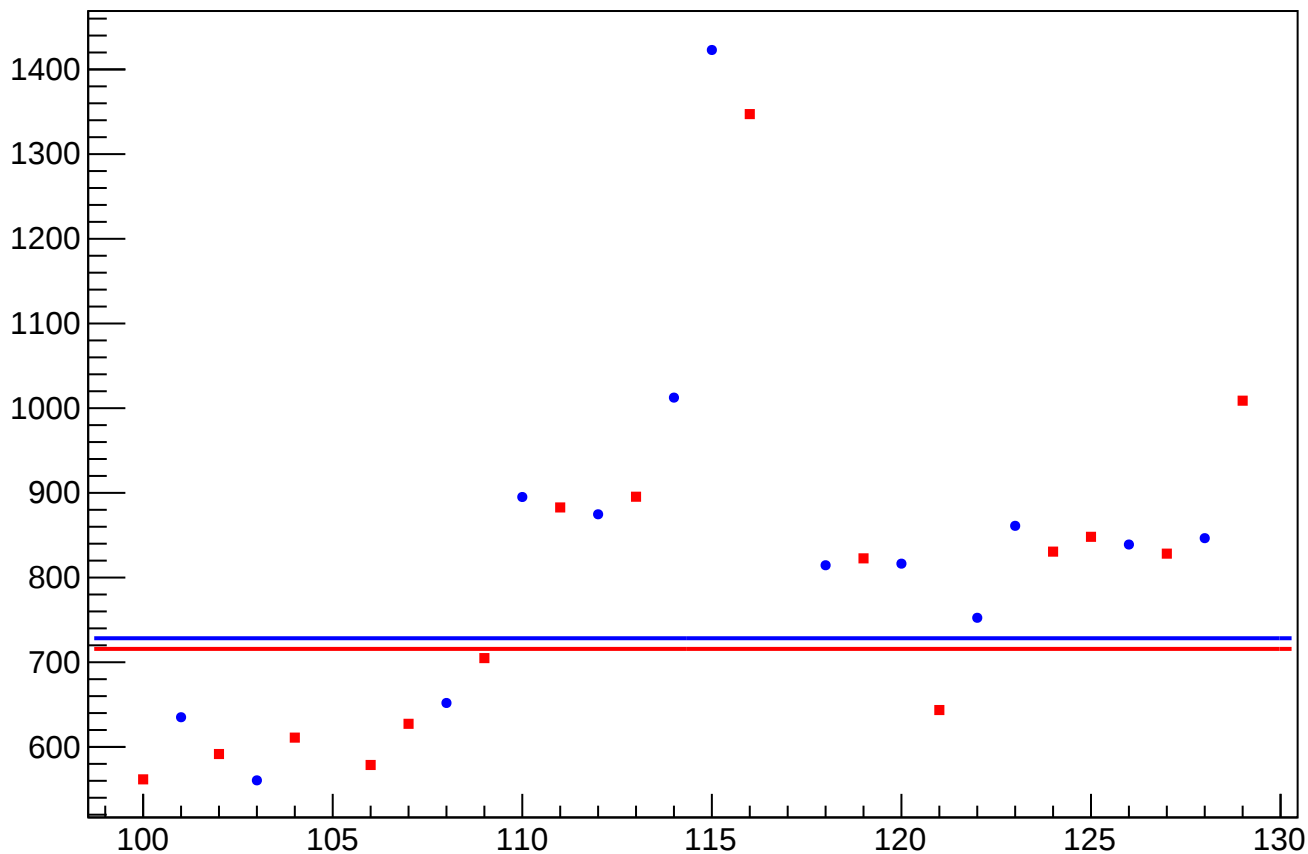
Right: -245.490 ± 229.661 χ^2/NDF : 25.6/27

In: -301.529 ± 342.857 χ^2/NDF : 9.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -245.490 ± 229.661 χ^2/NDF : 25.6/27

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 728.350+/-0.242 χ^2/NDF : 322298.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 715.755+/-0.219 χ^2/NDF : 444293.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

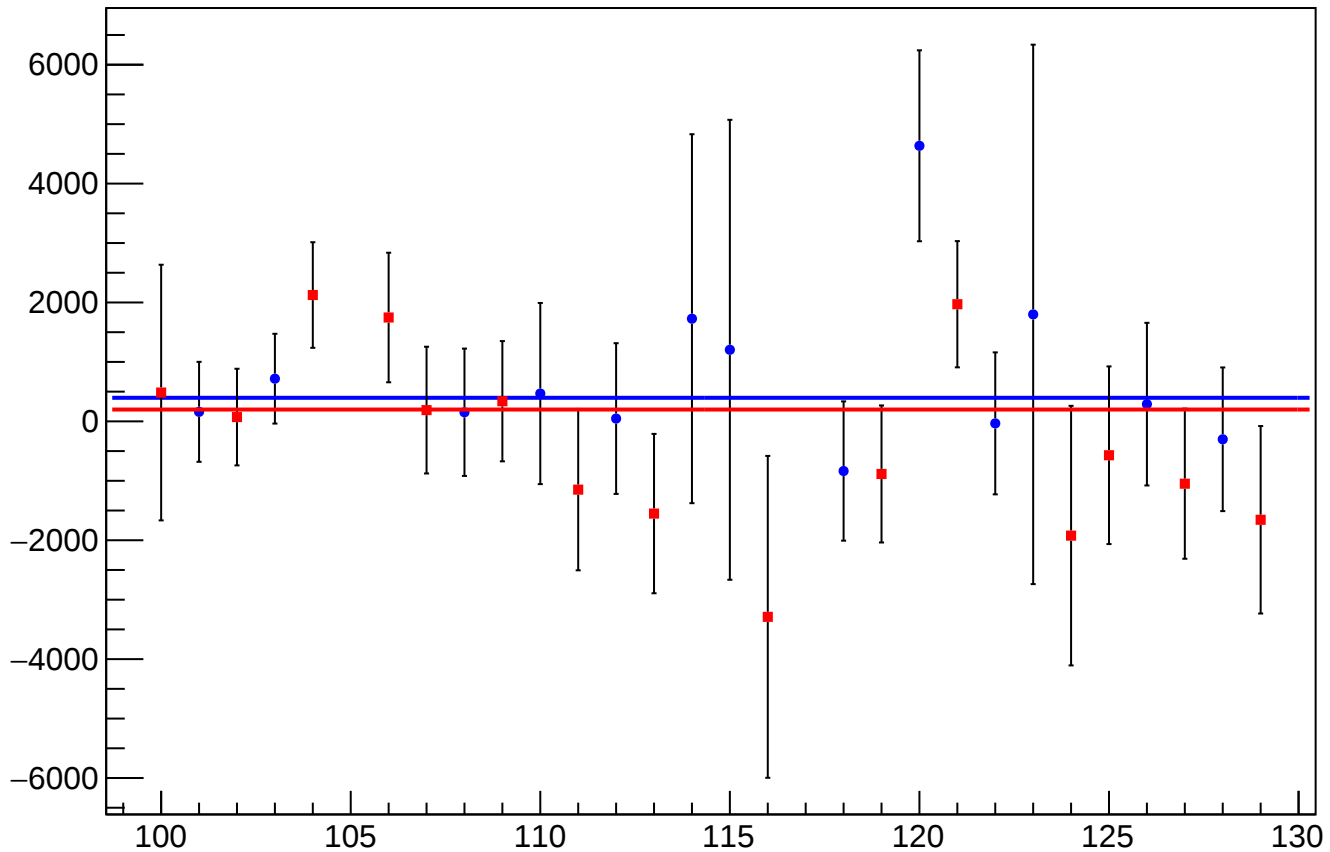
Right: 721.406+/-0.162 χ^2/NDF : 768079.4/27

In: 728.350+/-0.242 χ^2/NDF : 322298.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 721.406+/-0.162 χ^2/NDF : 768079.4/27

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 396.495 $\pm$ 346.108 χ^2 /NDF: 9.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 199.048 $\pm$ 312.217 χ^2 /NDF: 18.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

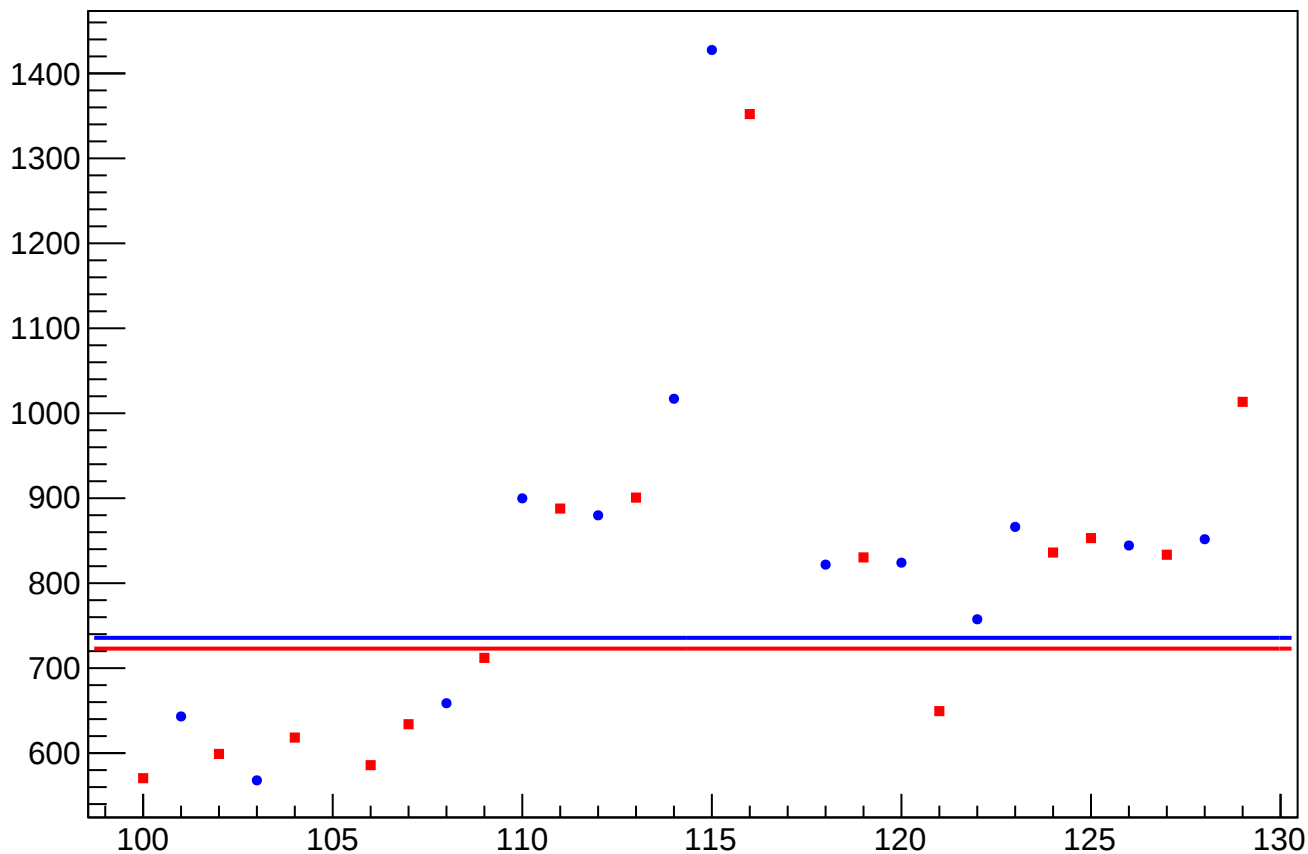
Right: 287.634 $\pm$ 231.829 χ^2 /NDF: 27.8/27

In: 396.495 $\pm$ 346.108 χ^2 /NDF:9.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 287.634 $\pm$ 231.829 χ^2 /NDF: 27.8/27

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 735.676+/-0.245 χ^2/NDF : 312979.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 722.992+/-0.221 χ^2/NDF : 433467.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

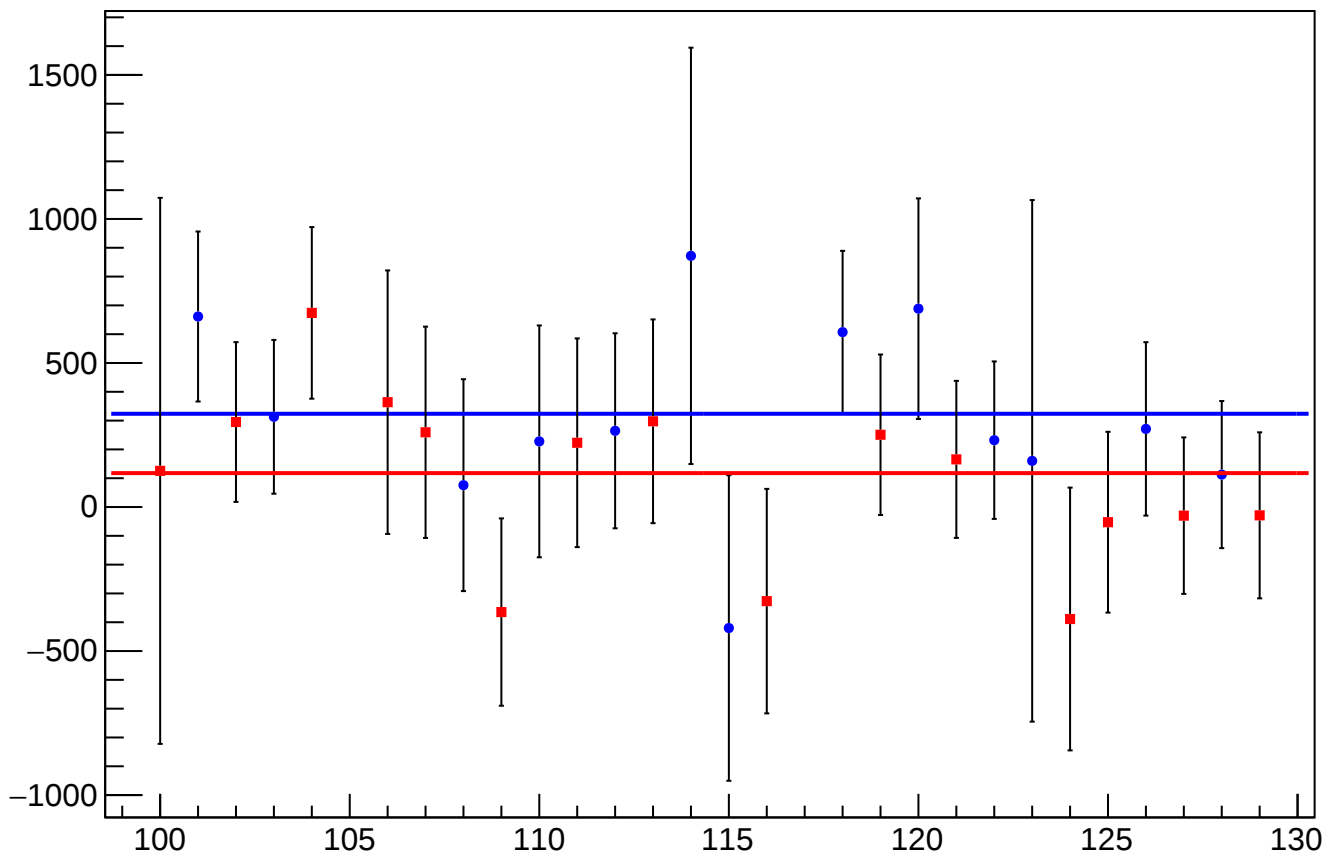
Right: 728.682+/-0.164 χ^2/NDF : 747927.6/27

In: 735.676+/-0.245 χ^2/NDF : 312979.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 728.682+/-0.164 χ^2/NDF : 747927.6/27

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 323.720 ± 93.807 χ^2/NDF : 7.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 117.680 ± 85.699 χ^2/NDF : 10.5/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

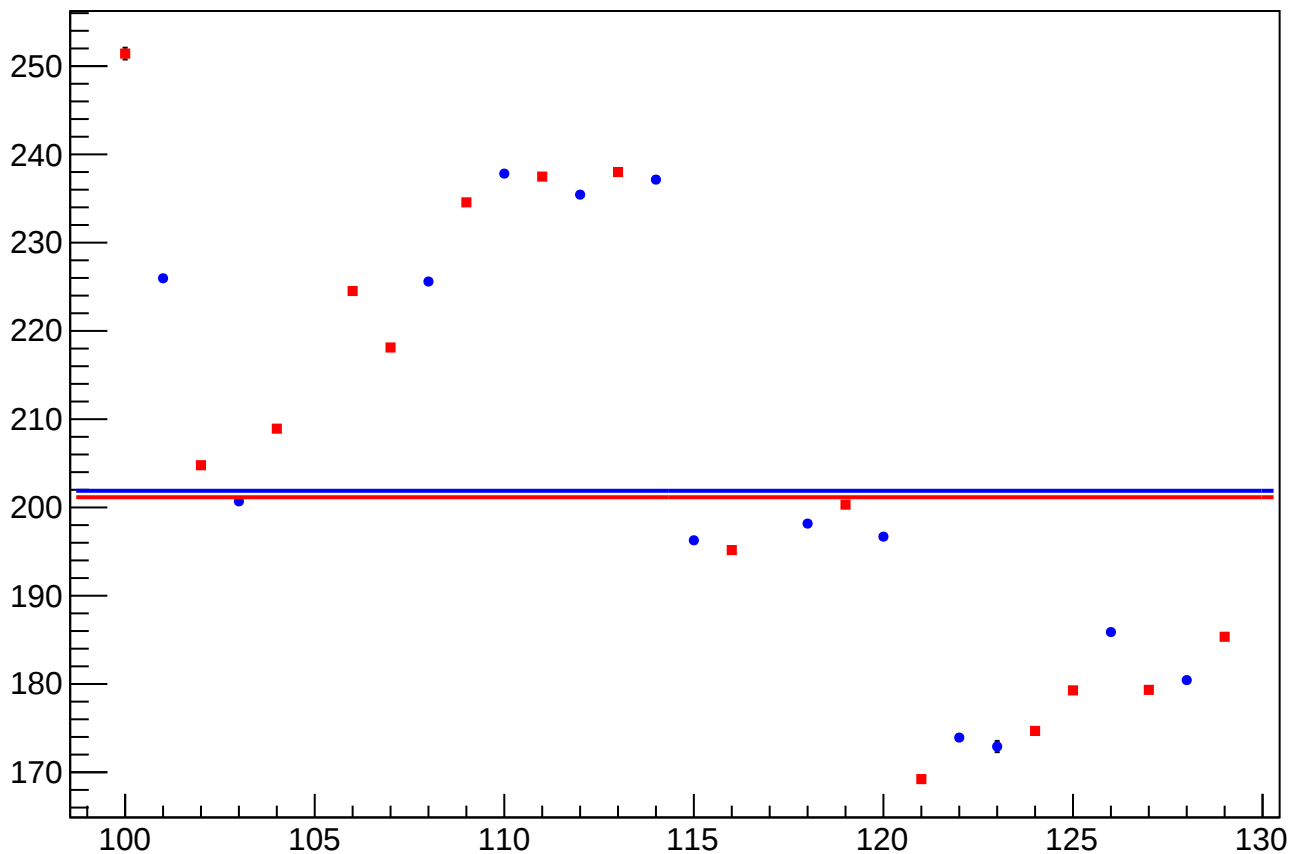
Right: 211.413 ± 63.271 χ^2/NDF : 20.3/27

In: 323.720 ± 93.807 χ^2/NDF : 7.2/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 211.413 ± 63.271 χ^2/NDF : 20.3/27

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 201.888 $\pm$ 0.066 χ^2 /NDF: 105687.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 201.158 $\pm$ 0.061 χ^2 /NDF: 143067.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

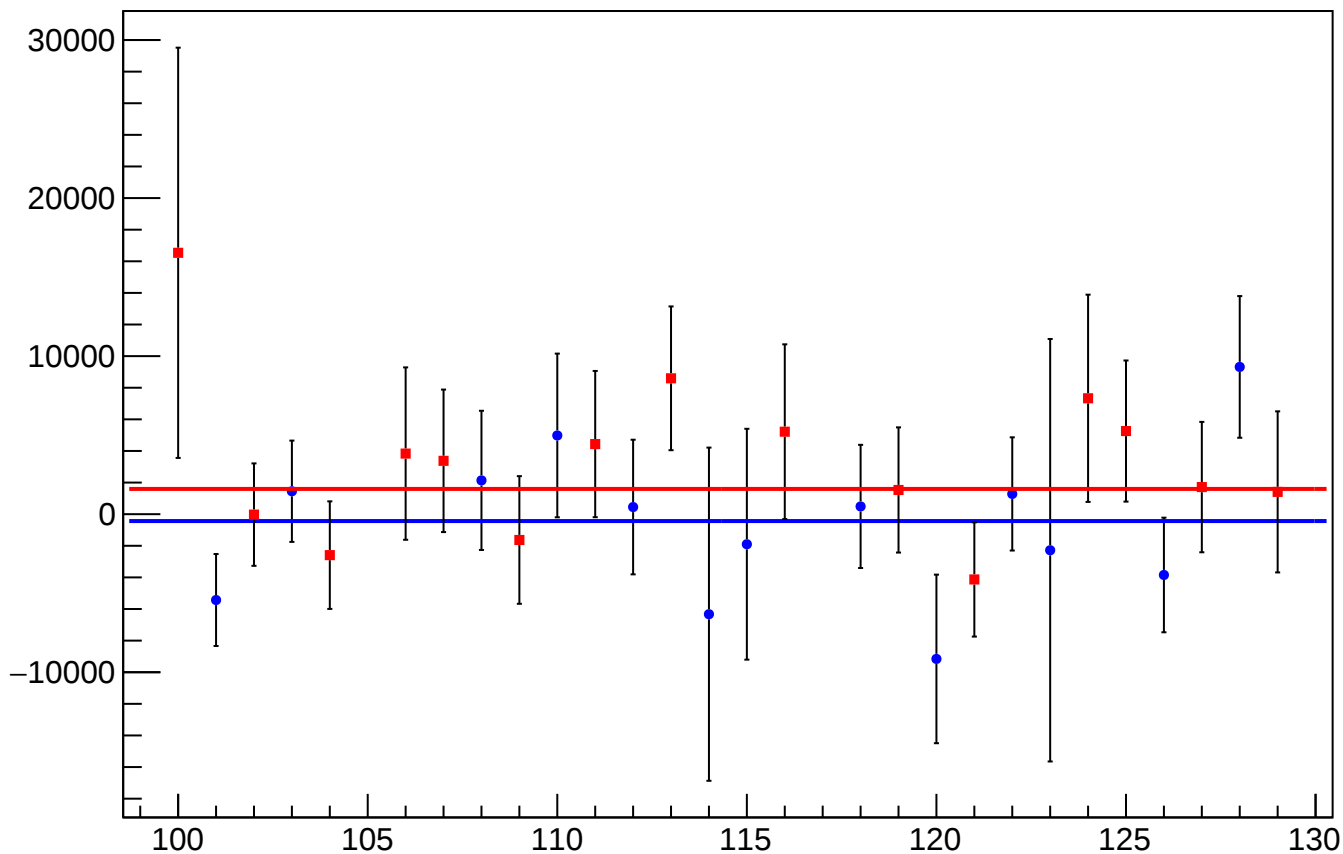
Right: 201.490 $\pm$ 0.045 χ^2 /NDF: 248821.1/27

In: 201.888 $\pm$ 0.066 χ^2 /NDF:105687.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 201.490 $\pm$ 0.045 χ^2 /NDF: 248821.1/27

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -435.038+/-1197.238 χ^2/NDF : 13.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1597.857+/-1139.239 χ^2/NDF : 11.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

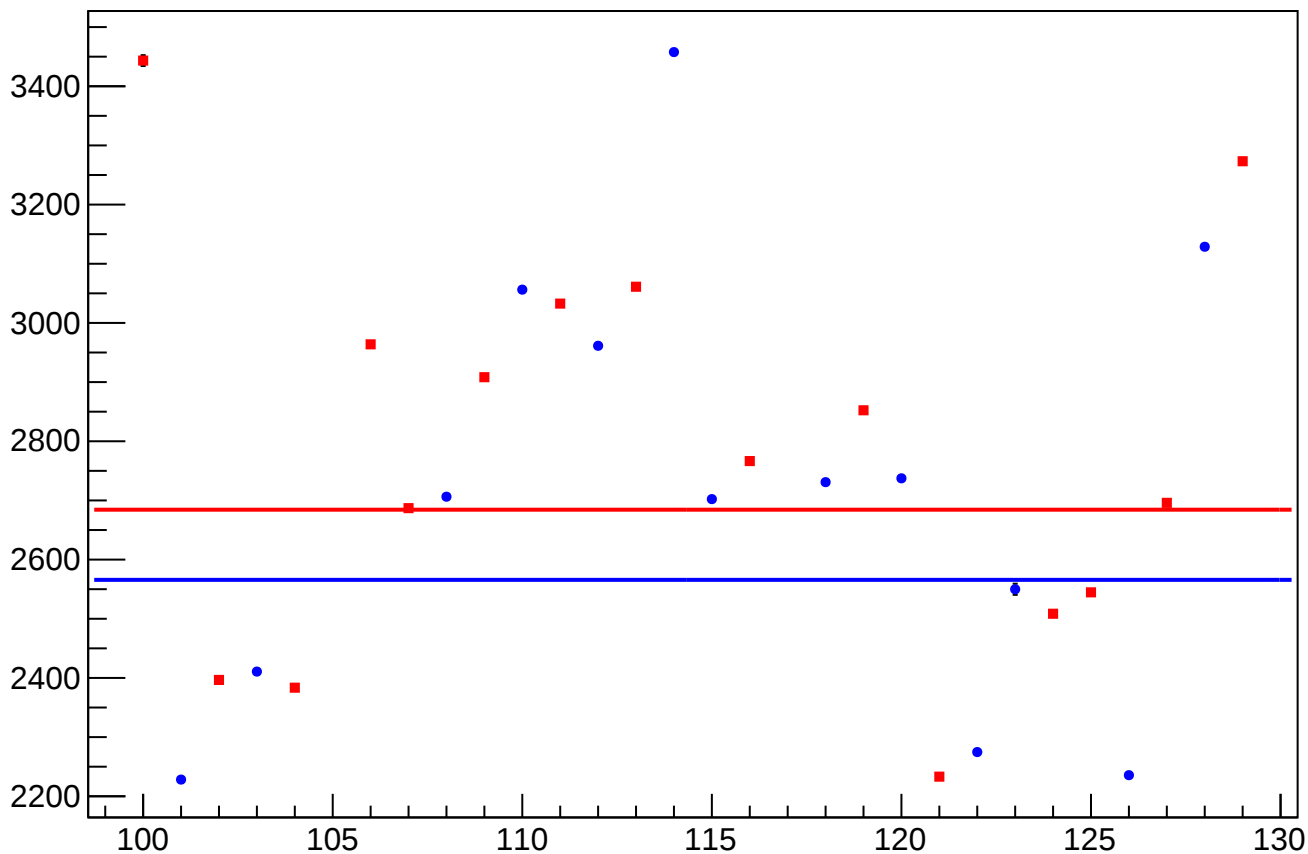
Right: 631.842+/-825.306 χ^2/NDF : 26.4/27

In: -435.038+/-1197.238 χ^2/NDF : 13.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 631.842+/-825.306 χ^2/NDF : 26.4/27

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2565.774+/-0.847 χ^2/NDF : 150848.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2684.344+/-0.806 χ^2/NDF : 140036.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

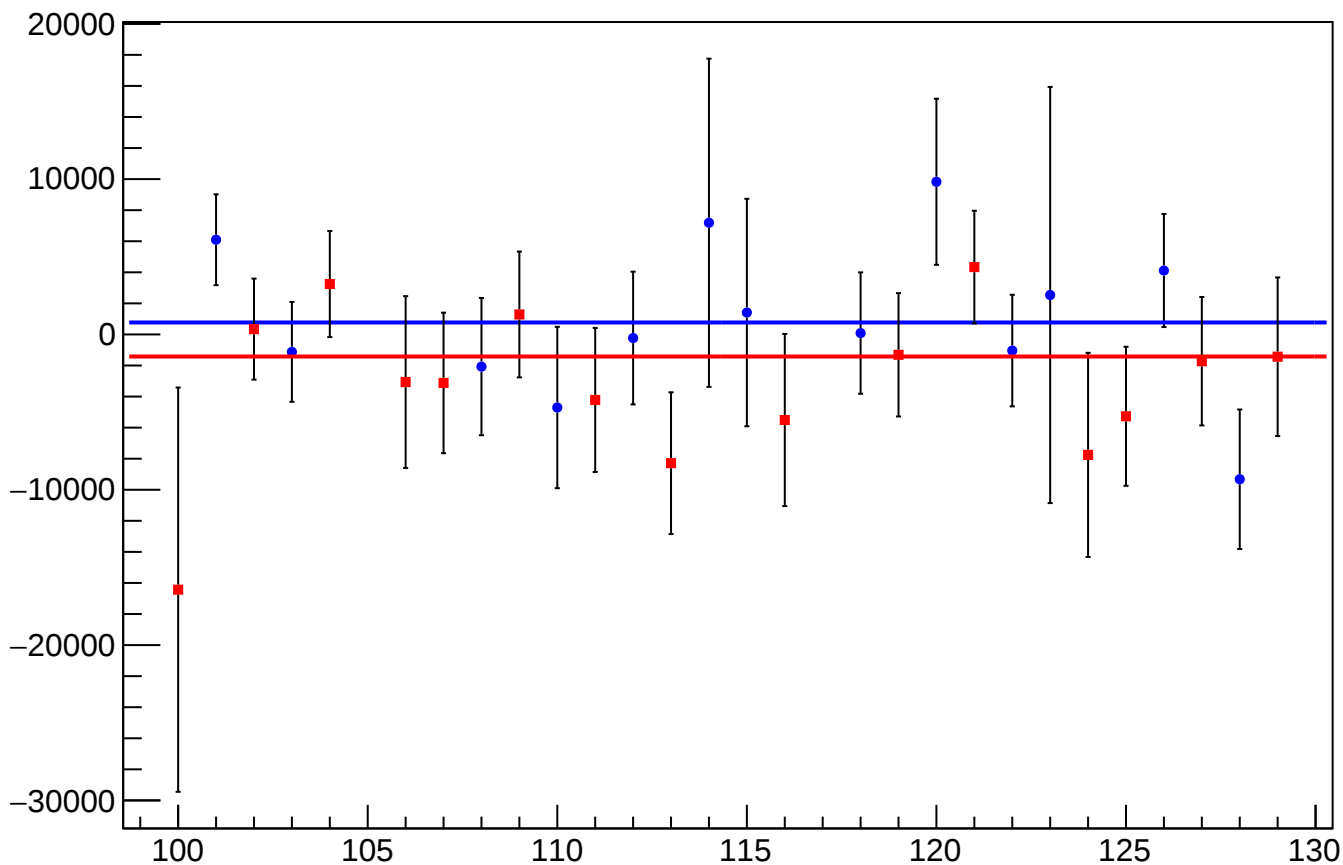
Right: 2628.001+/-0.584 χ^2/NDF : 301180.2/27

In: 2565.774+/-0.847 χ^2/NDF : 150848.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2628.001+/-0.584 χ^2/NDF : 301180.2/27

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 769.898+/-1201.293 χ^2/NDF : 14.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1420.036+/-1143.230 χ^2/NDF : 11.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

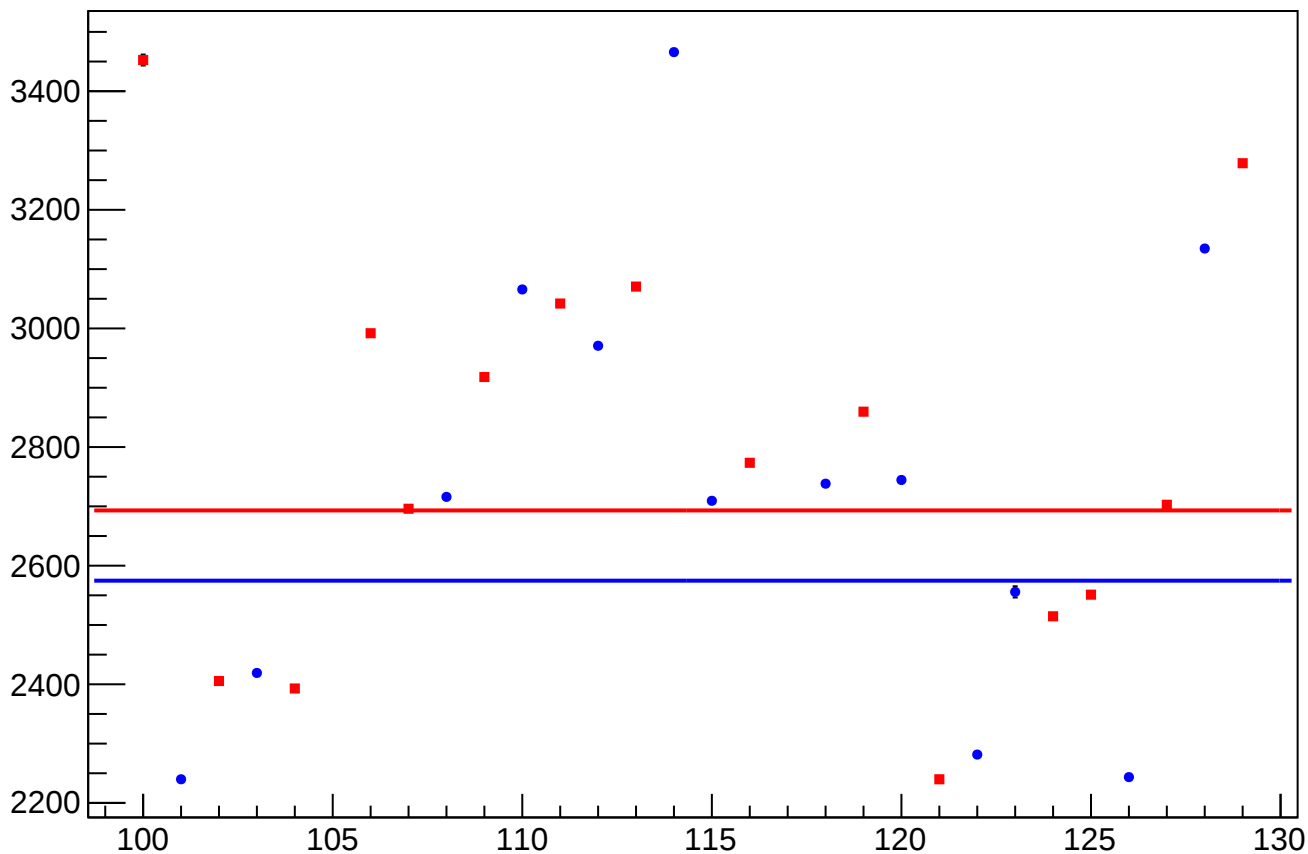
Right: -379.270+/-828.152 χ^2/NDF : 28.0/27

In: 769.898+/-1201.293 χ^2/NDF : 14.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -379.270+/-828.152 χ^2/NDF : 28.0/27

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2574.716+/-0.849 χ^2/NDF : 149434.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2693.141+/-0.808 χ^2/NDF : 139906.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

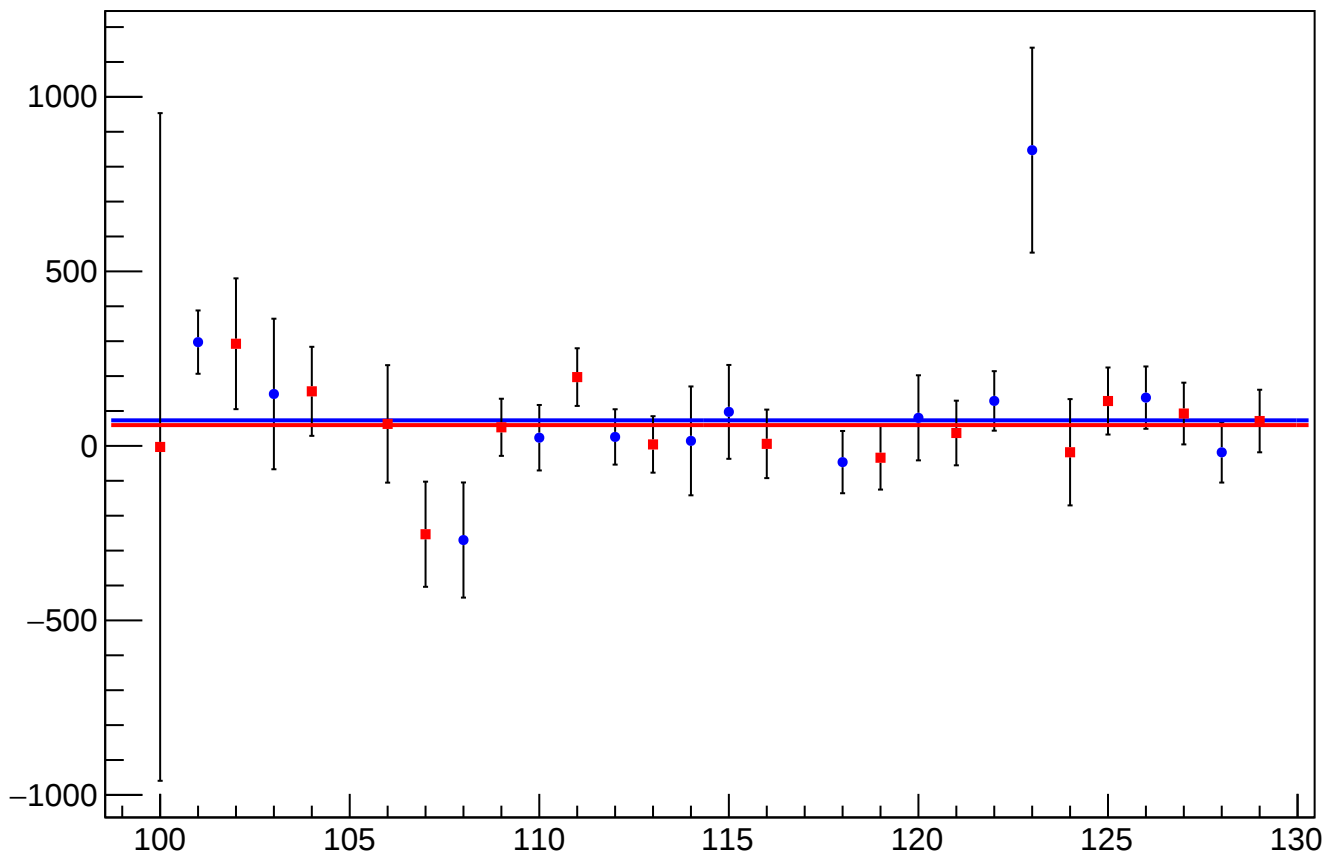
Right: 2636.860+/-0.586 χ^2/NDF : 299540.6/27

In: 2574.716+/-0.849 χ^2/NDF : 149434.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2636.860+/-0.586 χ^2/NDF : 299540.6/27

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 73.224 $\pm$ 29.493 χ^2 /NDF: 22.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 59.555 $\pm$ 27.082 χ^2 /NDF: 12.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

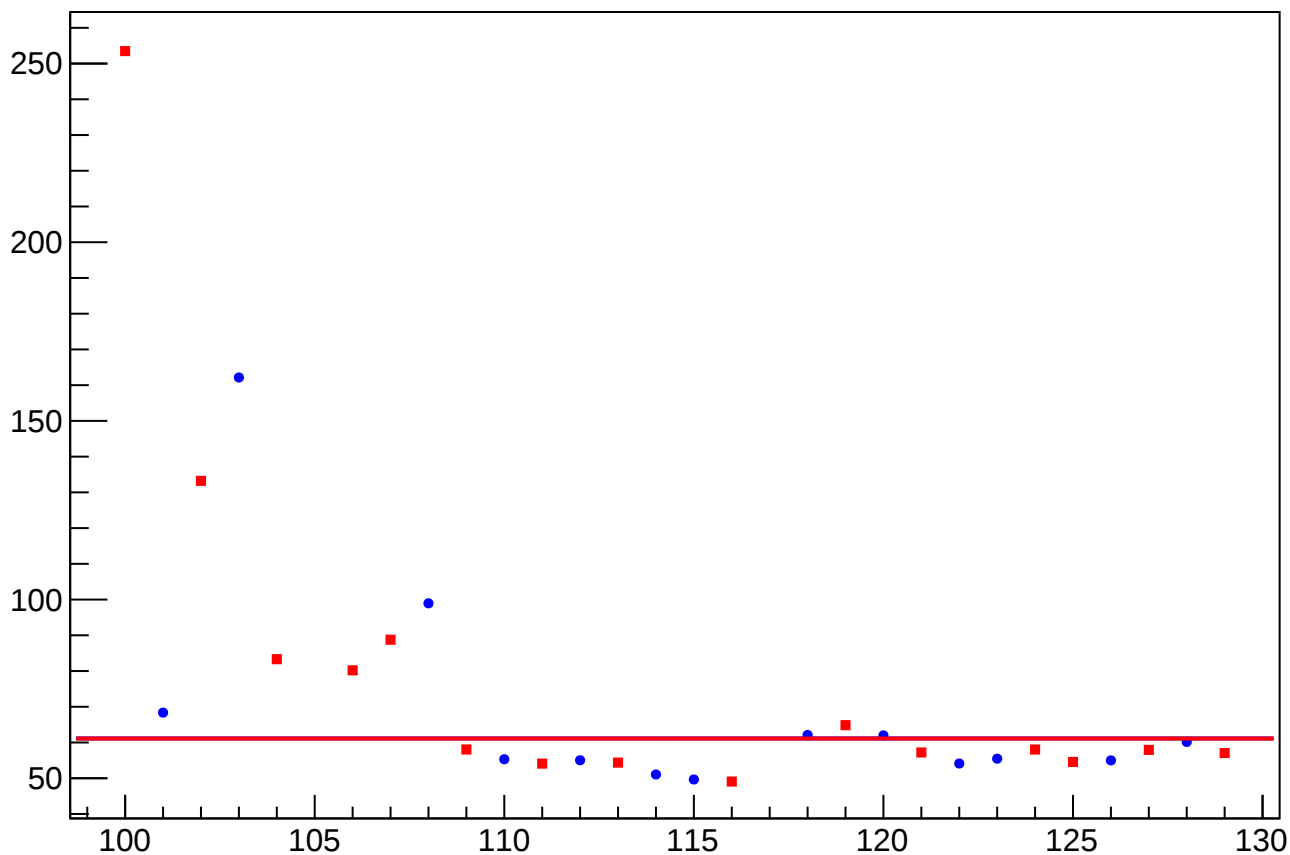
Right: 65.808 $\pm$ 19.948 χ^2 /NDF: 34.3/27

In: 73.224 $\pm$ 29.493 χ^2 /NDF:22.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 65.808 $\pm$ 19.948 χ^2 /NDF: 34.3/27

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 61.141 $\pm$ 0.021 χ^2 /NDF: 623250.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 61.109 $\pm$ 0.019 χ^2 /NDF: 615677.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

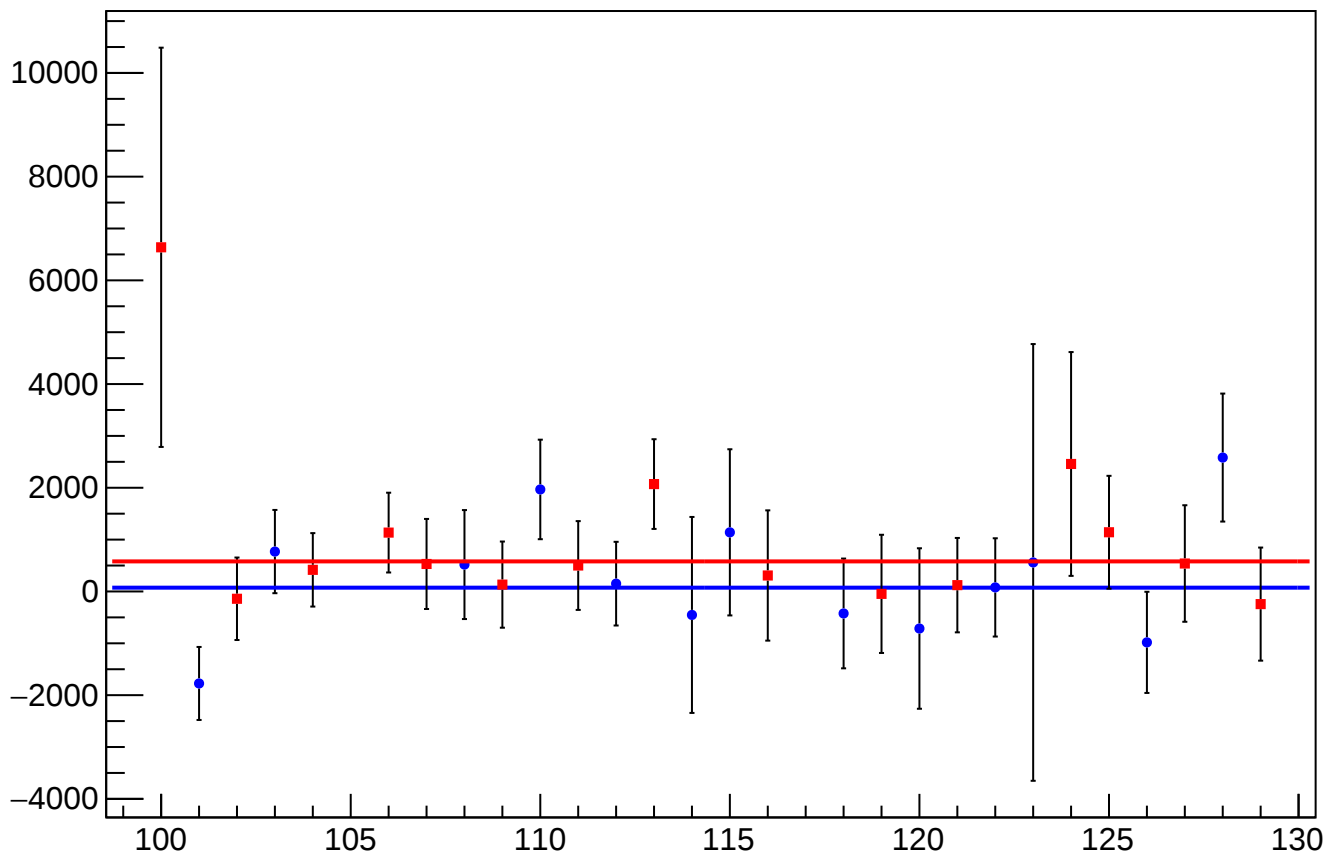
Right: 61.123 $\pm$ 0.014 χ^2 /NDF: 1238928.6/27

In: 61.141 $\pm$ 0.021 χ^2 /NDF:623250.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 61.123 $\pm$ 0.014 χ^2 /NDF: 1238928.6/27

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 73.151+/-289.246 χ^2/NDF : 18.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 579.741+/-249.161 χ^2/NDF : 9.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

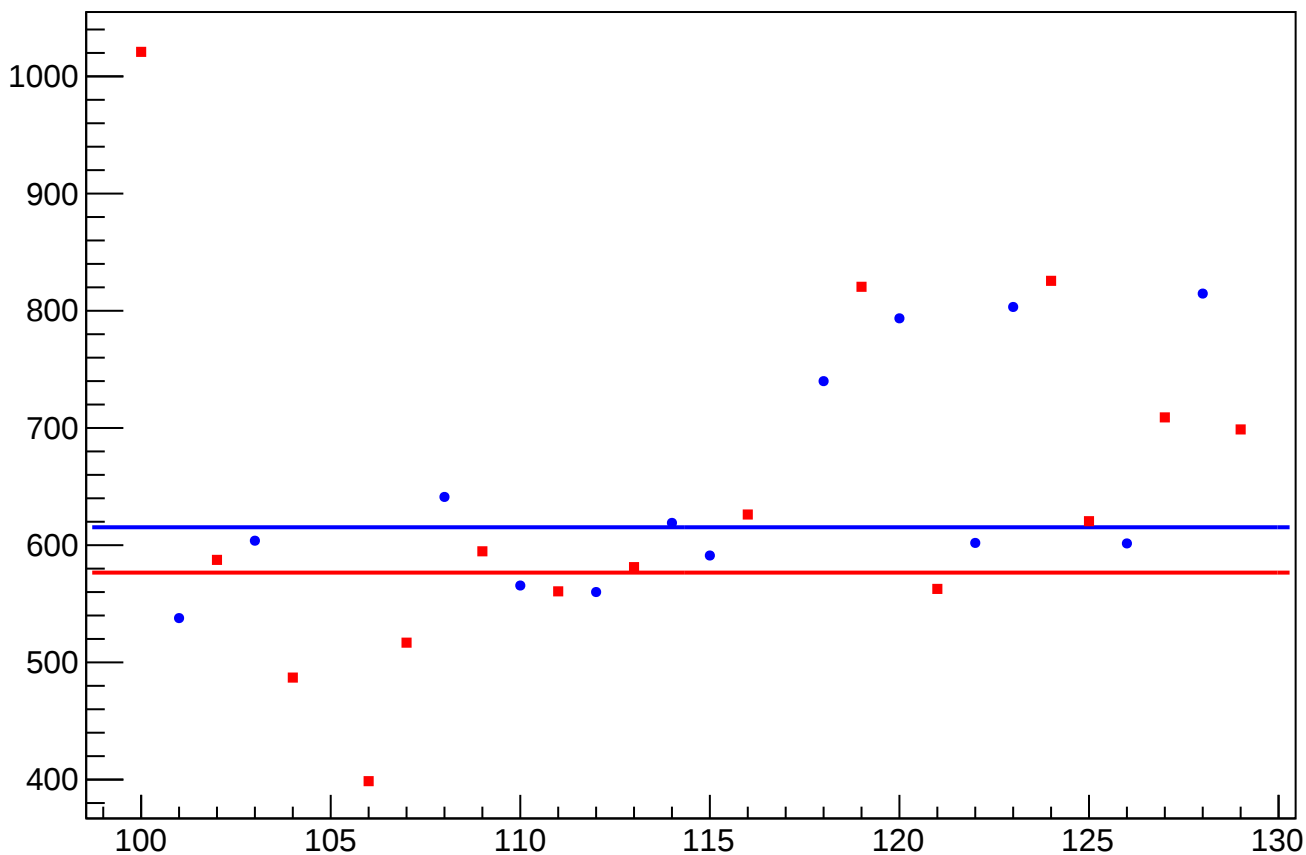
Right: 363.954+/-188.778 χ^2/NDF : 29.1/27

In: 73.151+/-289.246 χ^2/NDF : 18.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 363.954+/-188.778 χ^2/NDF : 29.1/27

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 615.291+/-0.205 χ^2/NDF : 152317.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 576.601+/-0.176 χ^2/NDF : 355063.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

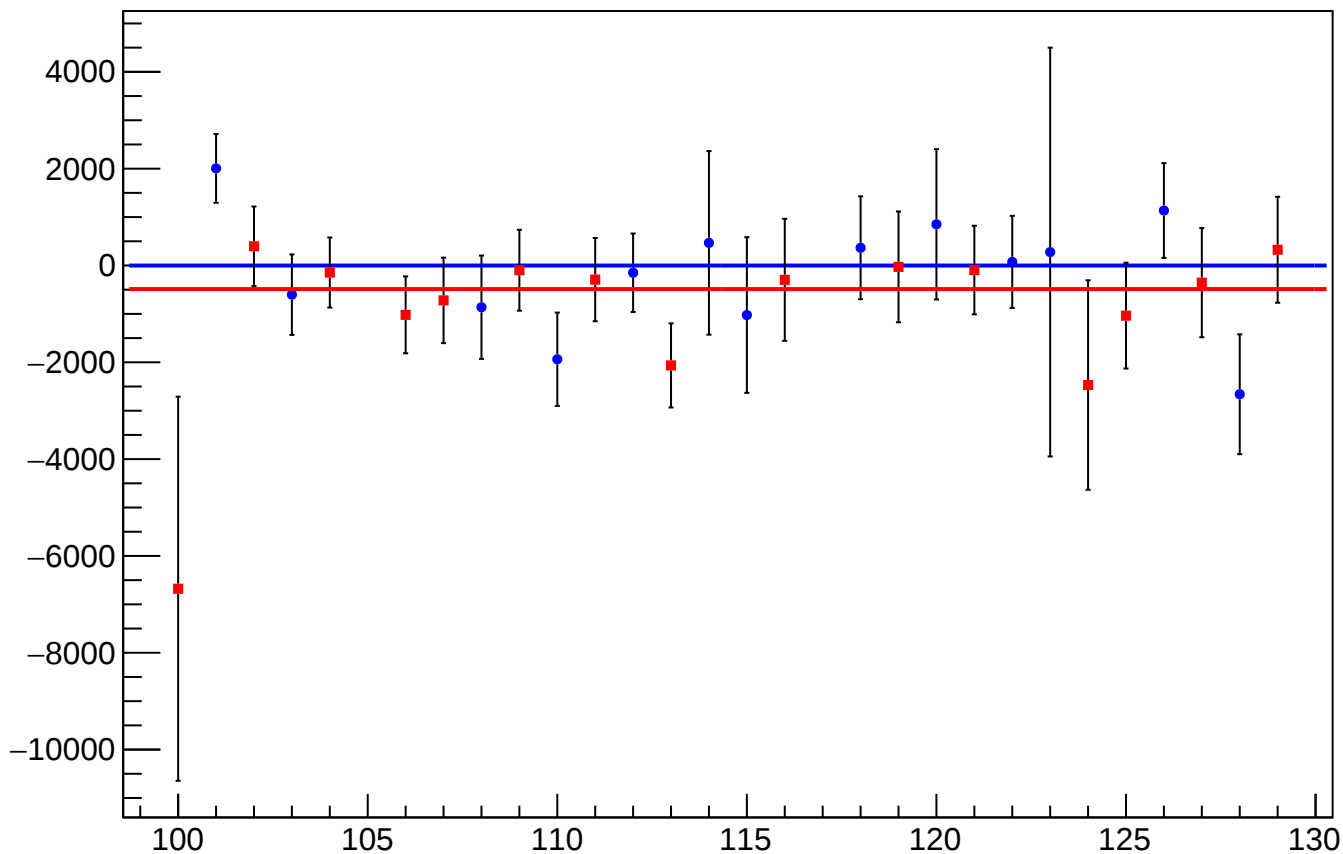
Right: 593.081+/-0.133 χ^2/NDF : 527923.0/27

In: 615.291+/-0.205 χ^2/NDF : 152317.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 593.081+/-0.133 χ^2/NDF : 527923.0/27

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: -0.960 ± 292.075 $\chi^2/\text{NDF}: 20.1/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -487.209 ± 252.403 $\chi^2/\text{NDF}: 9.9/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

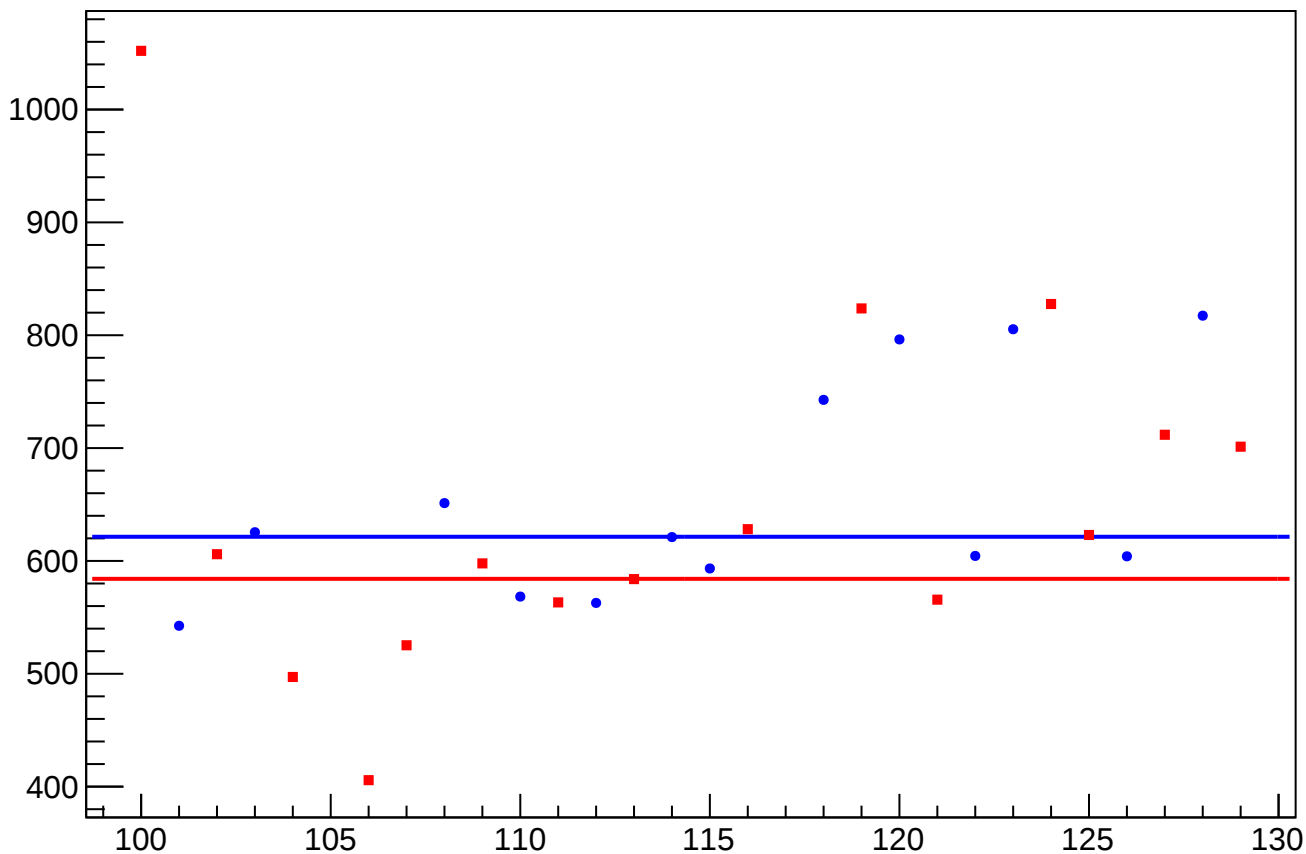
Right: -279.326 ± 190.974 $\chi^2/\text{NDF}: 31.6/27$

In: -0.960 ± 292.075 $\chi^2/\text{NDF}: 20.1/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -279.326 ± 190.974 $\chi^2/\text{NDF}: 31.6/27$

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 621.417+/-0.207 χ^2/NDF : 149963.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 584.133+/-0.178 χ^2/NDF : 337050.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

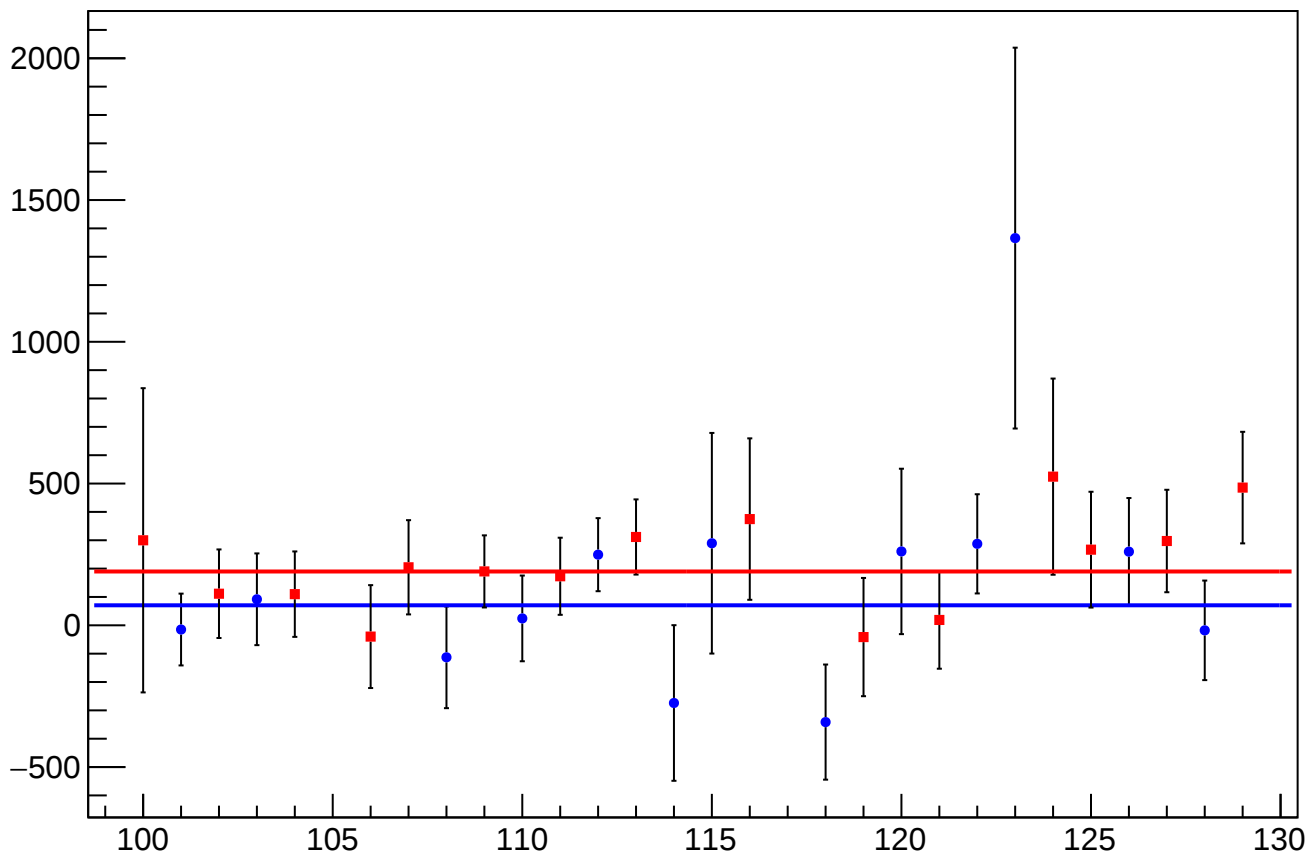
Right: 600.072+/-0.135 χ^2/NDF : 505671.7/27

In: 621.417+/-0.207 χ^2/NDF : 149963.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 600.072+/-0.135 χ^2/NDF : 505671.7/27

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 70.584+/-50.846 χ^2/NDF : 16.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 189.827+/-45.372 χ^2/NDF : 9.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

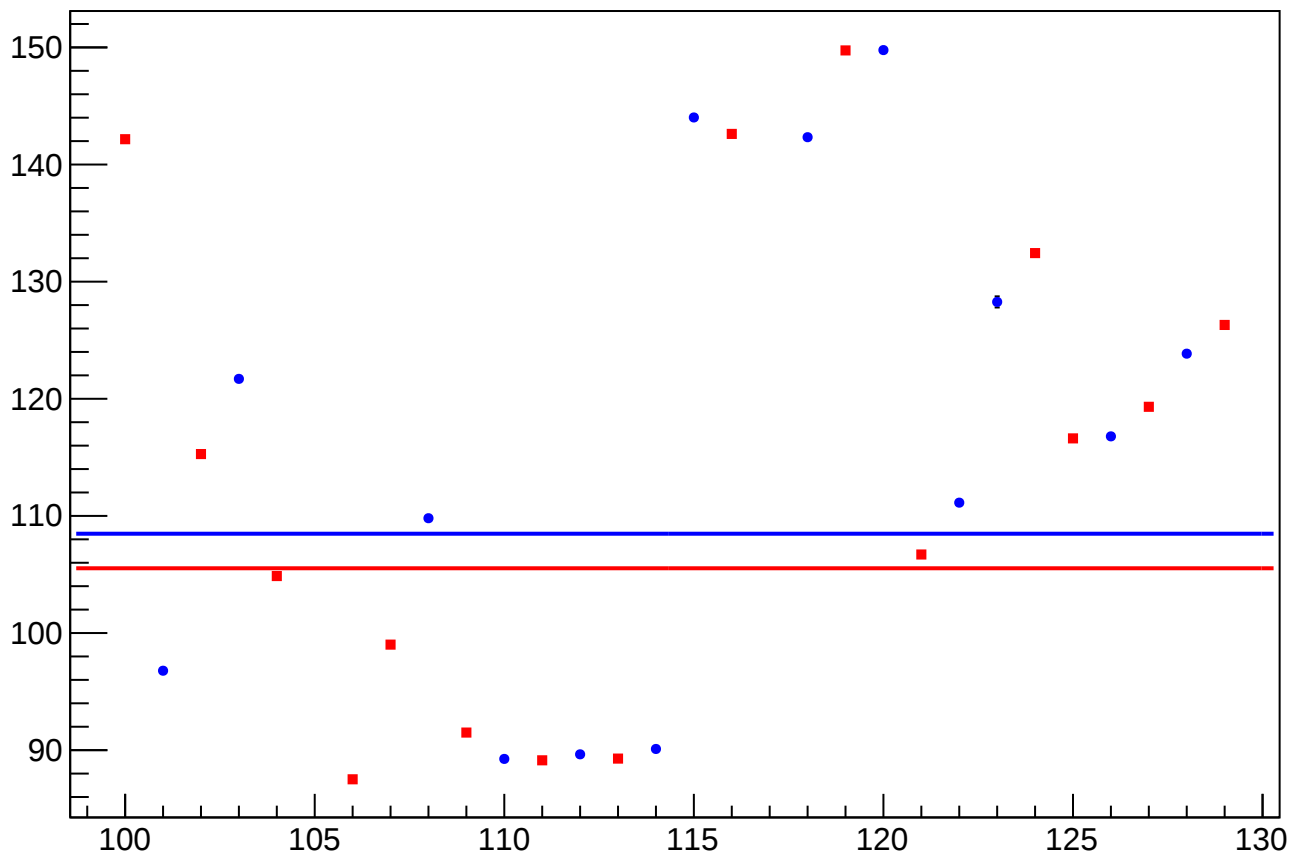
Right: 136.968+/-33.853 χ^2/NDF : 28.9/27

In: 70.584+/-50.846 χ^2/NDF : 16.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.968+/-33.853 χ^2/NDF : 28.9/27

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 108.479+/-0.036 χ^2/NDF : 248335.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.529+/-0.032 χ^2/NDF : 299258.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

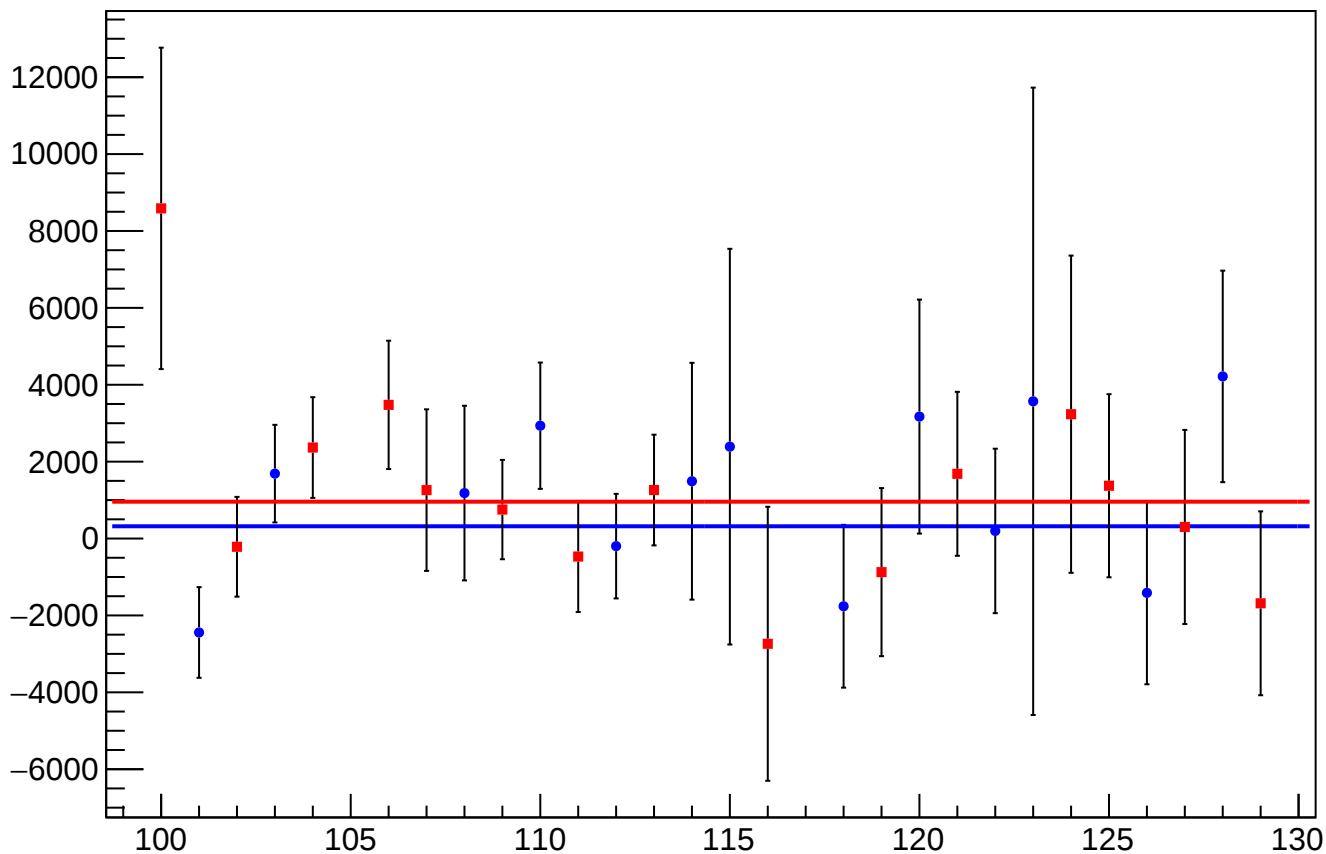
Right: 106.837+/-0.024 χ^2/NDF : 551342.3/27

In: 108.479+/-0.036 χ^2/NDF : 248335.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.837+/-0.024 χ^2/NDF : 551342.3/27

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 318.837 $\pm$ 537.454 χ^2 /NDF: 14.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 958.381 $\pm$ 473.731 χ^2 /NDF: 12.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

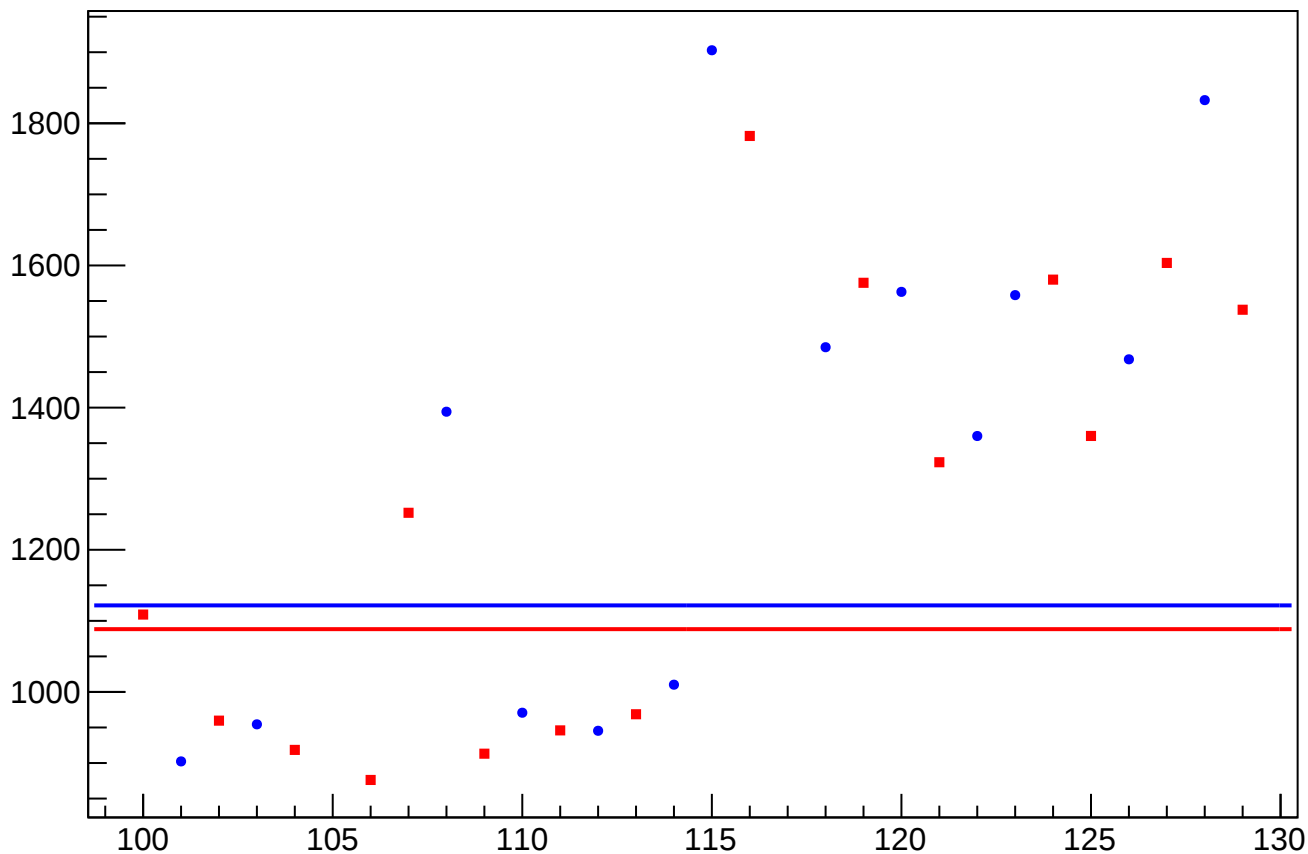
Right: 678.753 $\pm$ 355.383 χ^2 /NDF: 27.3/27

In: 318.837 $\pm$ 537.454 χ^2 /NDF:14.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 678.753 $\pm$ 355.383 χ^2 /NDF: 27.3/27

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1121.753+/-0.380 χ^2/NDF : 539395.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1088.340+/-0.335 χ^2/NDF : 575724.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

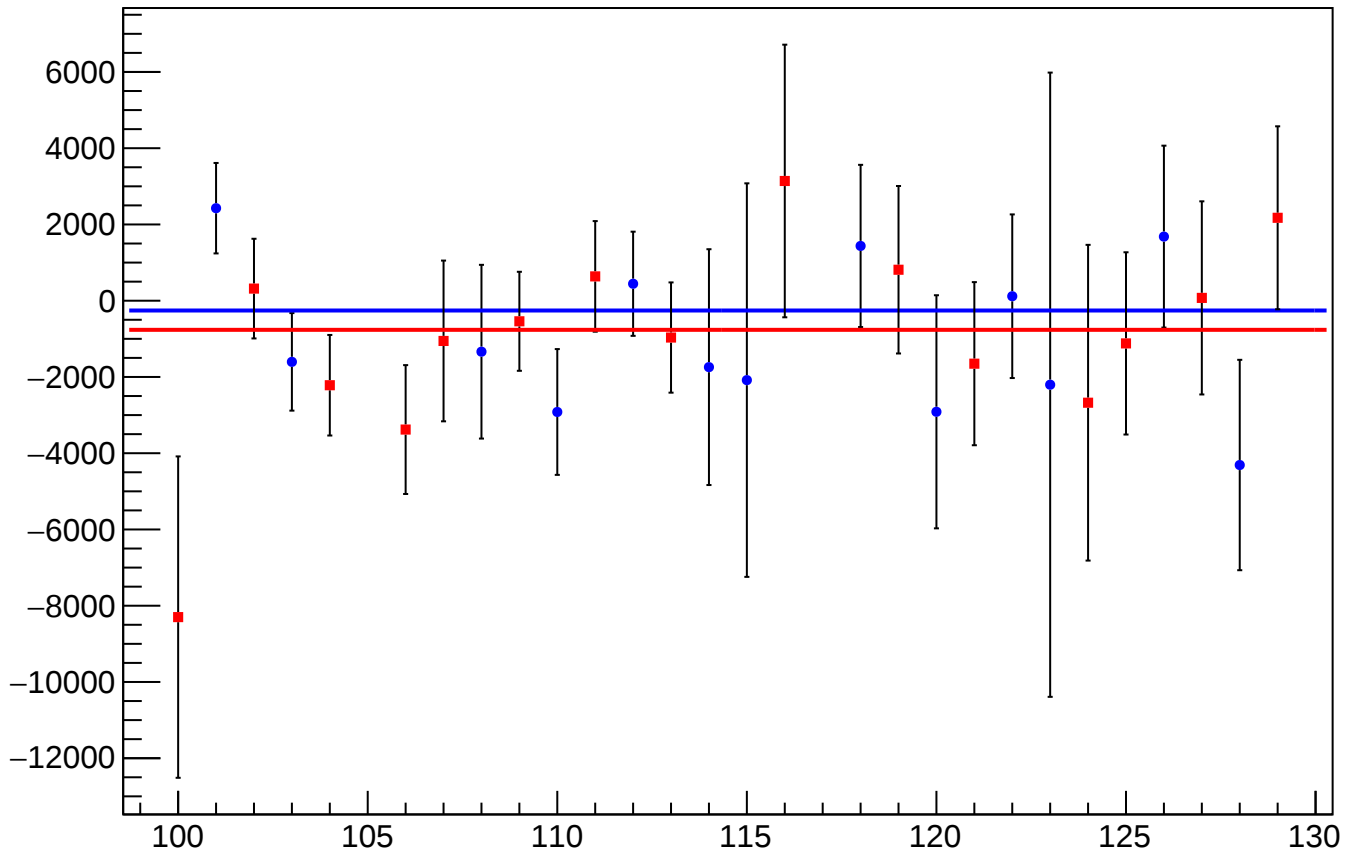
Right: 1102.949+/-0.251 χ^2/NDF : 1119470.3/27

In: 1121.753+/-0.380 χ^2/NDF : 539395.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1102.949+/-0.251 χ^2/NDF : 1119470.3/27

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -256.796 ± 540.198 $\chi^2/\text{NDF}: 14.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -763.876 ± 476.425 $\chi^2/\text{NDF}: 12.2/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

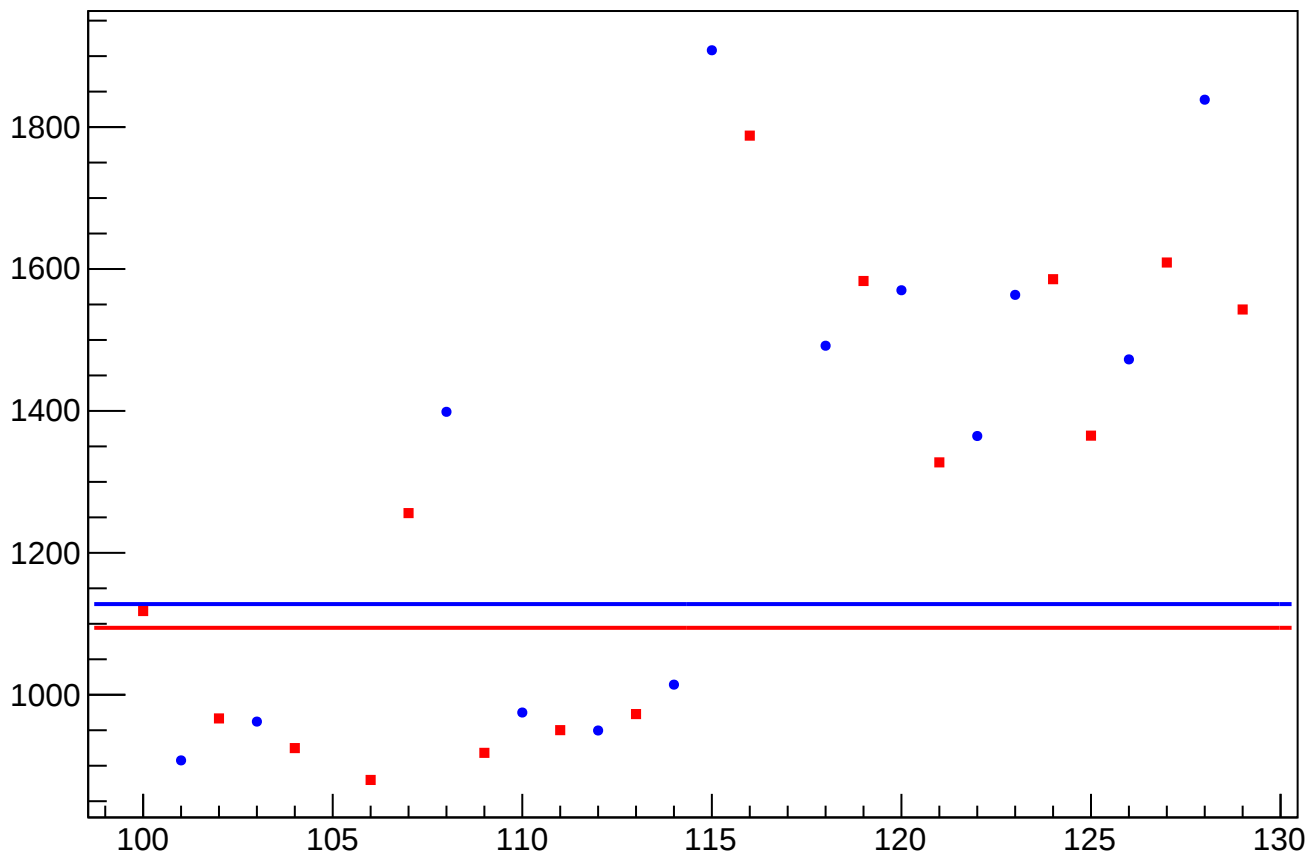
Right: -542.020 ± 357.314 $\chi^2/\text{NDF}: 26.7/27$

In: -256.796 ± 540.198 $\chi^2/\text{NDF}: 14.0/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -542.020 ± 357.314 $\chi^2/\text{NDF}: 26.7/27$

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1127.792+/-0.382 χ^2/NDF : 535373.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1094.348+/-0.337 χ^2/NDF : 571293.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

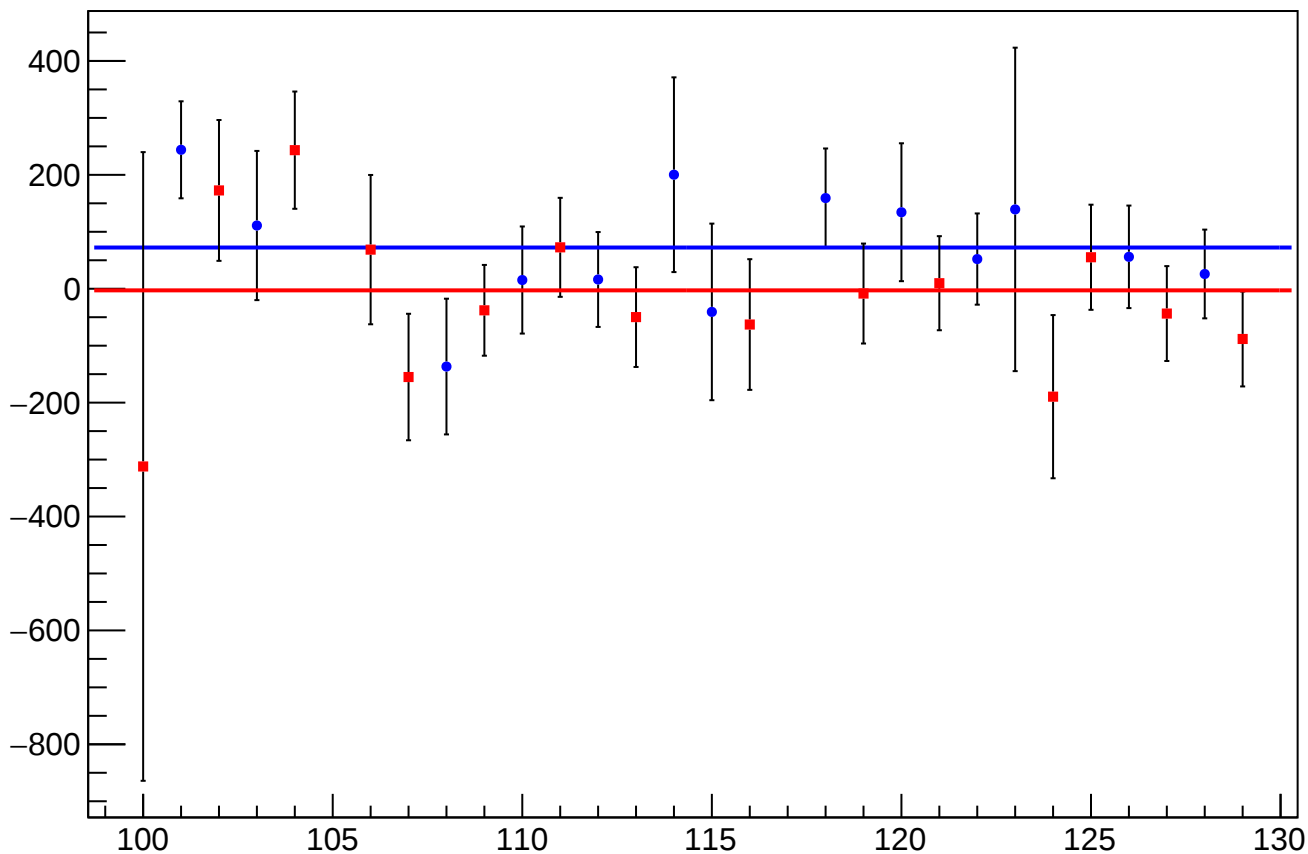
Right: 1108.980+/-0.253 χ^2/NDF : 1110978.4/27

In: 1127.792+/-0.382 χ^2/NDF : 535373.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1108.980+/-0.253 χ^2/NDF : 1110978.4/27

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 72.381+/-28.216 χ^2/NDF : 10.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.843+/-25.575 χ^2/NDF : 15.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

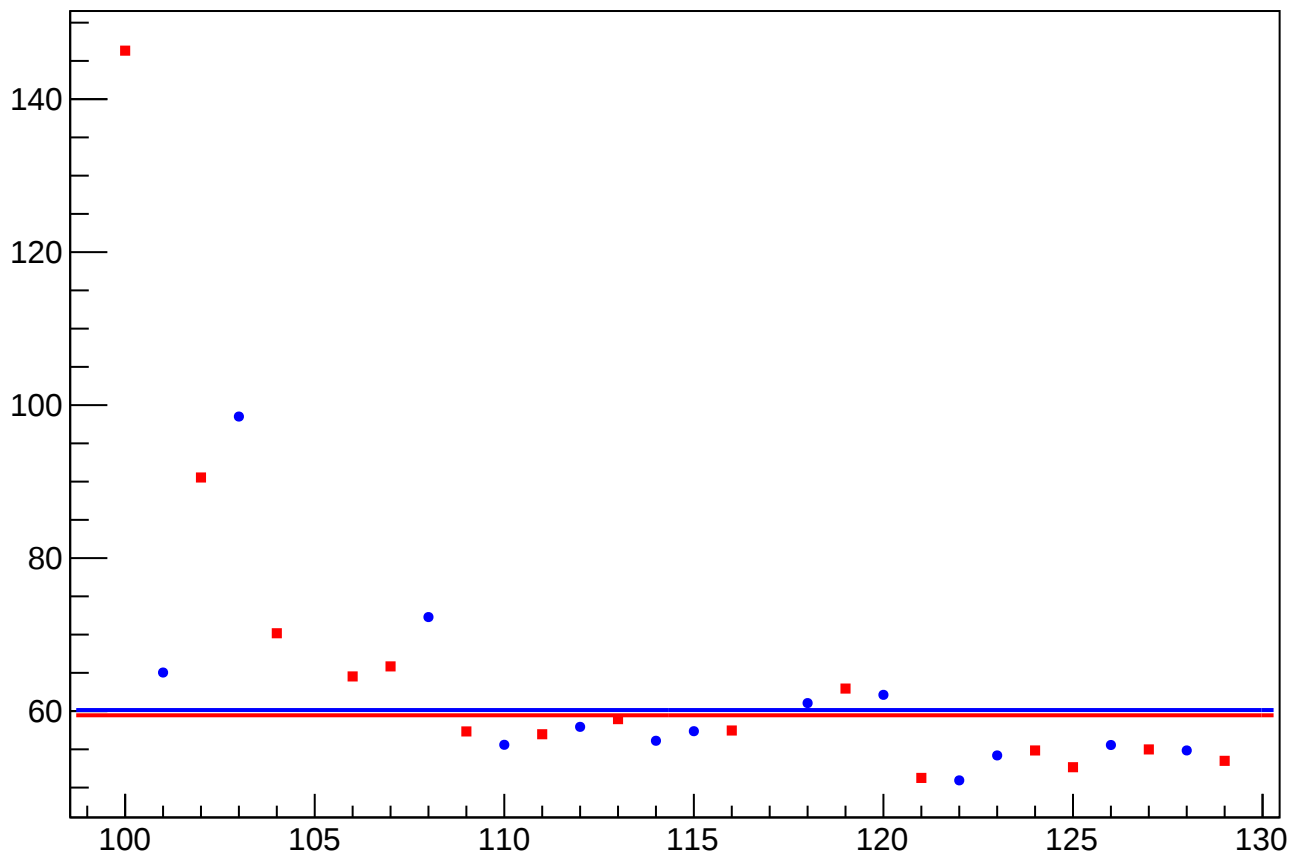
Right: 31.085+/-18.949 χ^2/NDF : 29.9/27

In: 72.381+/-28.216 χ^2/NDF : 10.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.085+/-18.949 χ^2/NDF : 29.9/27

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 60.137+/-0.020 χ^2/NDF : 249144.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.451+/-0.018 χ^2/NDF : 262614.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

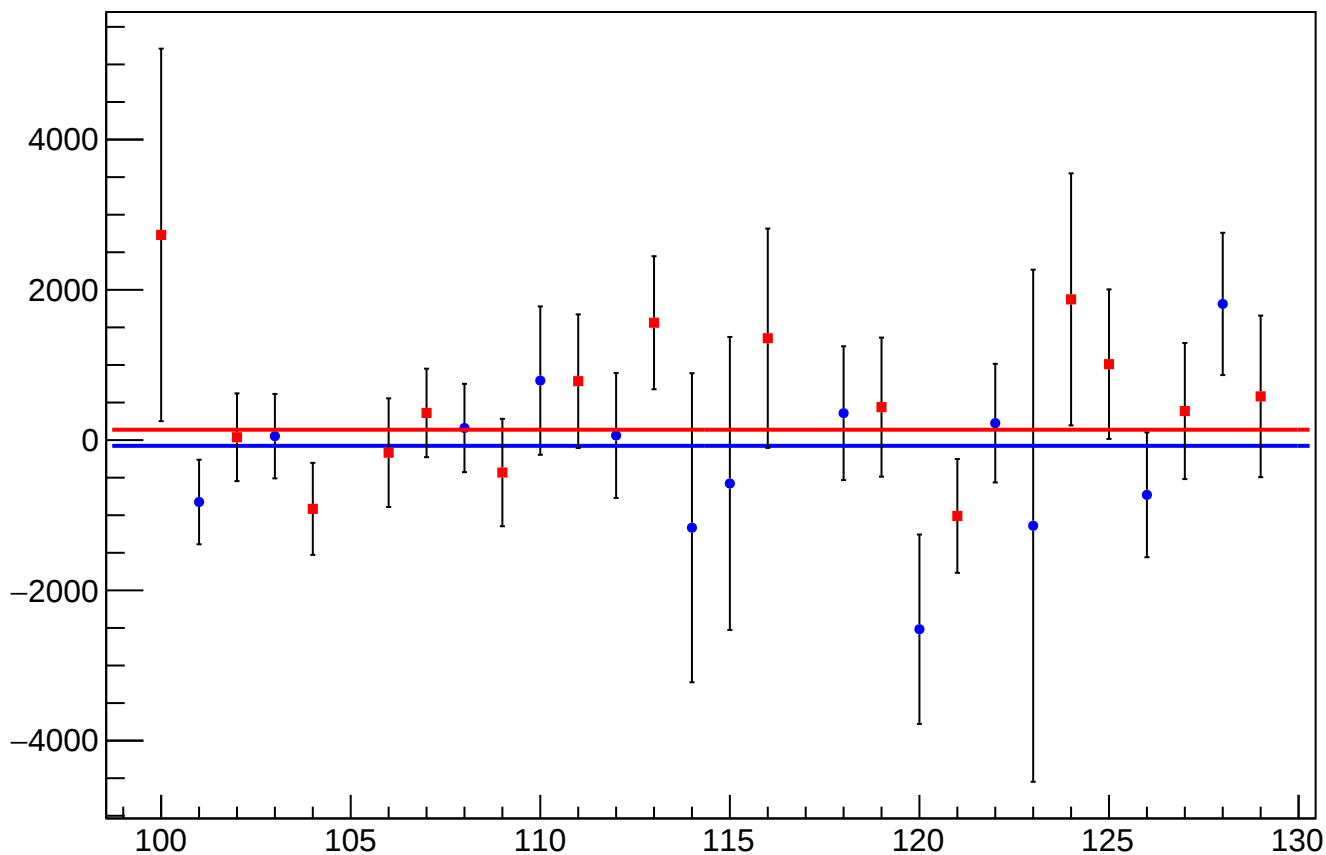
Right: 59.760+/-0.013 χ^2/NDF : 512408.9/27

In: 60.137+/-0.020 χ^2/NDF : 249144.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.760+/-0.013 χ^2/NDF : 512408.9/27

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -76.133 ± 233.537 $\chi^2/\text{NDF}: 12.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 138.407 ± 213.764 $\chi^2/\text{NDF}: 13.3/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

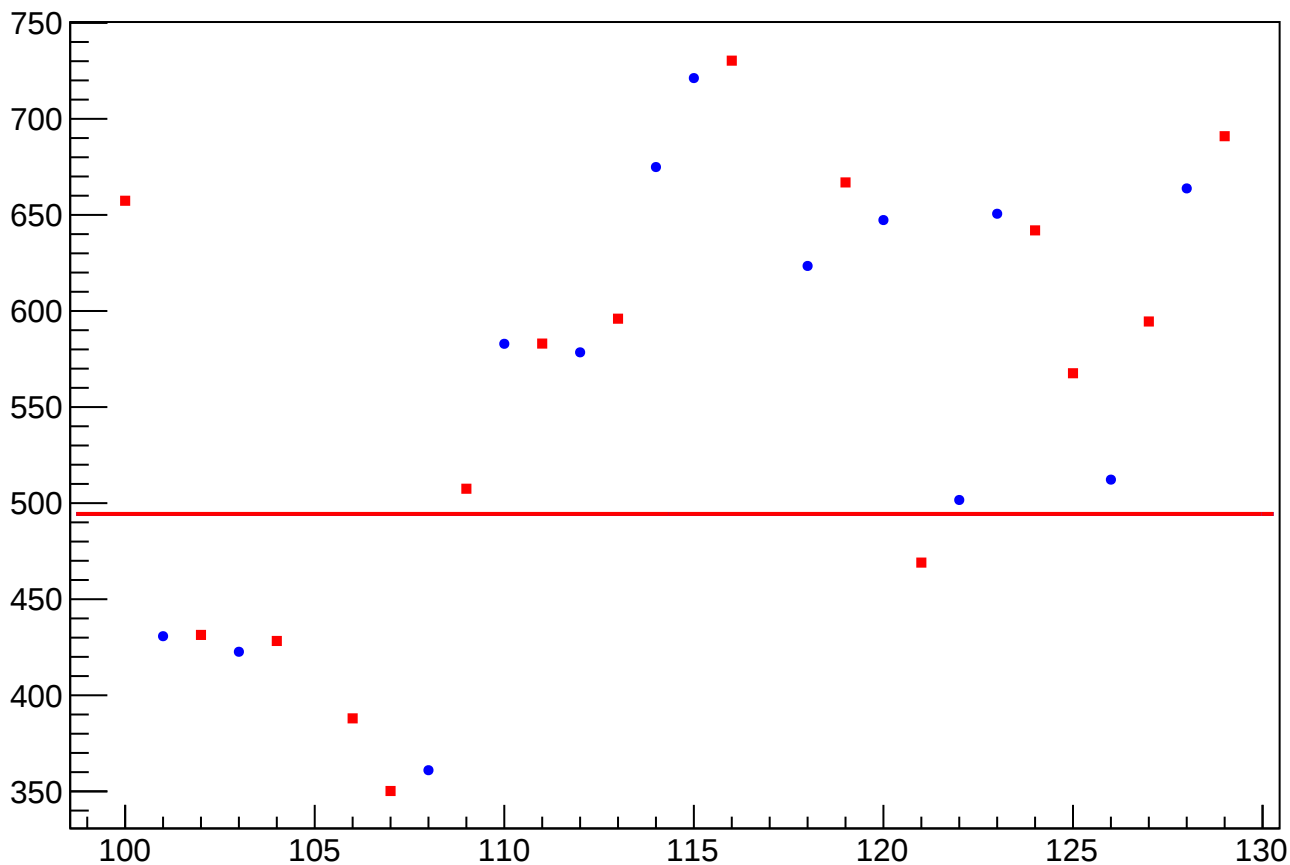
Right: 40.602 ± 157.682 $\chi^2/\text{NDF}: 25.7/27$

In: -76.133 ± 233.537 $\chi^2/\text{NDF}: 12.0/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 40.602 ± 157.682 $\chi^2/\text{NDF}: 25.7/27$

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 494.348+/-0.165 χ^2/NDF : 380968.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 494.389+/-0.151 χ^2/NDF : 506862.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

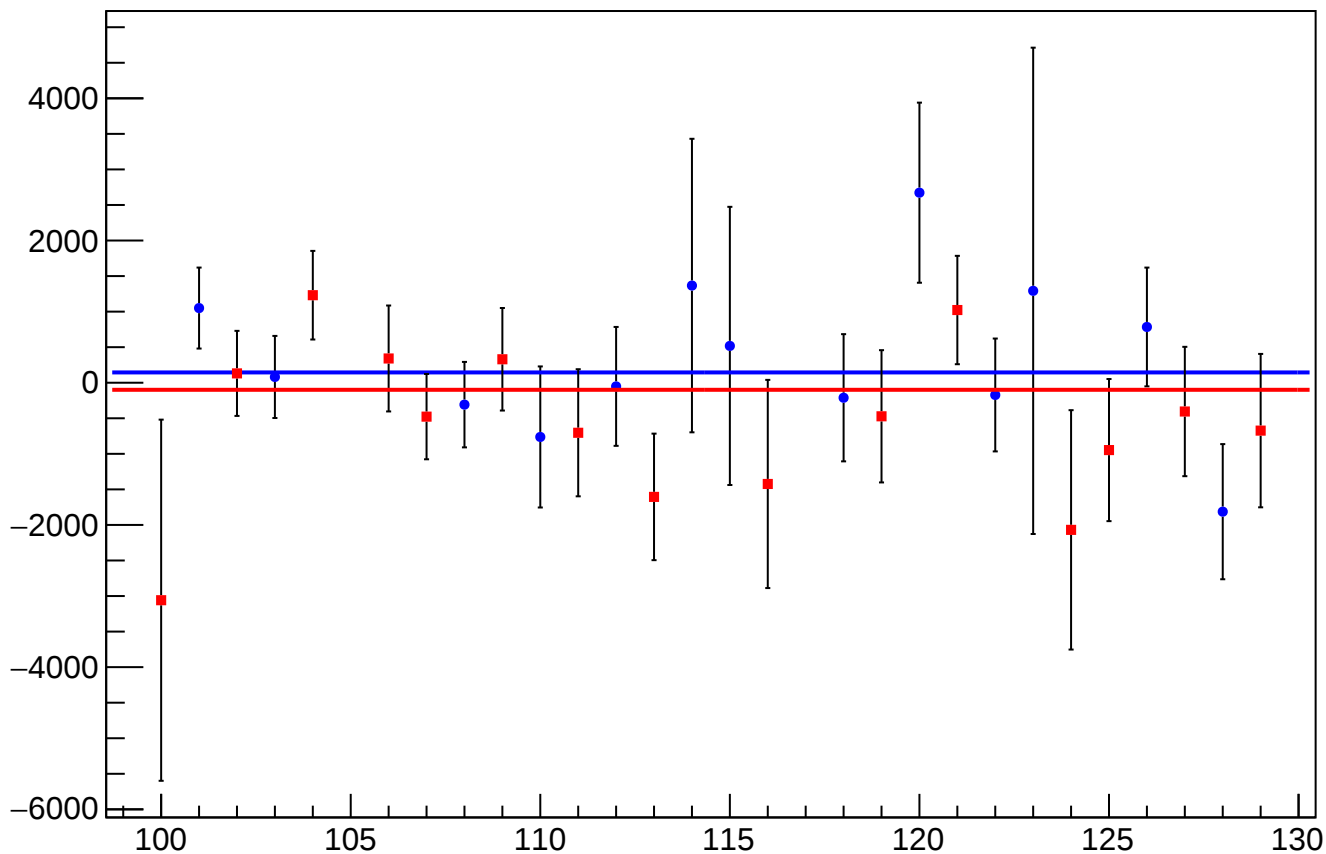
Right: 494.370+/-0.111 χ^2/NDF : 887830.8/27

In: 494.348+/-0.165 χ^2/NDF : 380968.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 494.370+/-0.111 χ^2/NDF : 887830.8/27

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 144.892 $\pm$ 236.479 χ^2 /NDF: 13.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -99.431 $\pm$ 216.619 χ^2 /NDF: 16.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

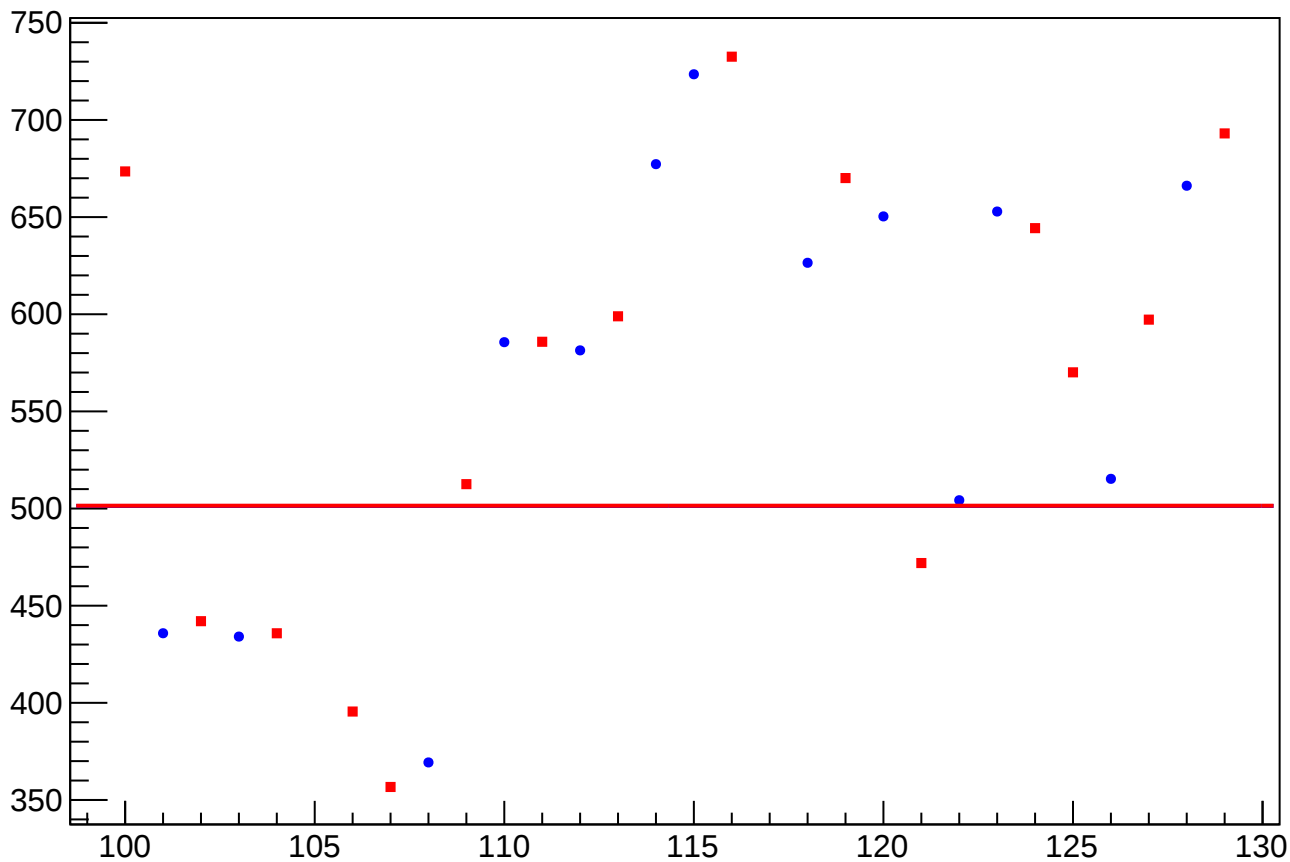
Right: 12.042 $\pm$ 159.733 χ^2 /NDF: 30.3/27

In: 144.892 $\pm$ 236.479 χ^2 /NDF:13.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 12.042 $\pm$ 159.733 χ^2 /NDF: 30.3/27

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 501.321+/-0.167 χ^2/NDF : 354709.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 501.450+/-0.153 χ^2/NDF : 478090.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

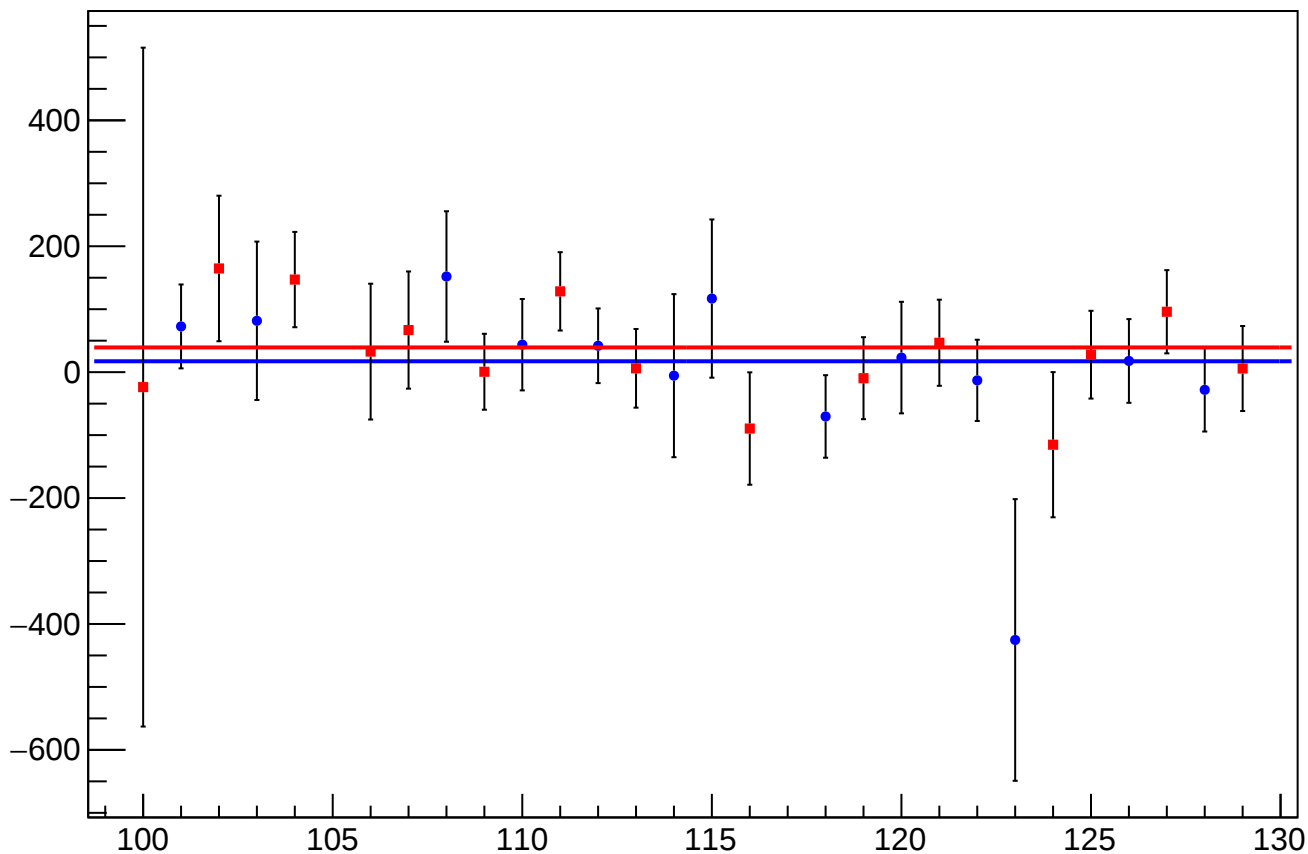
Right: 501.391+/-0.113 χ^2/NDF : 832800.0/27

In: 501.321+/-0.167 χ^2/NDF :354709.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 501.391+/-0.113 χ^2/NDF : 832800.0/27

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 17.291 $\pm$ 22.071 χ^2 /NDF: 10.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 39.277 $\pm$ 19.811 χ^2 /NDF: 11.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

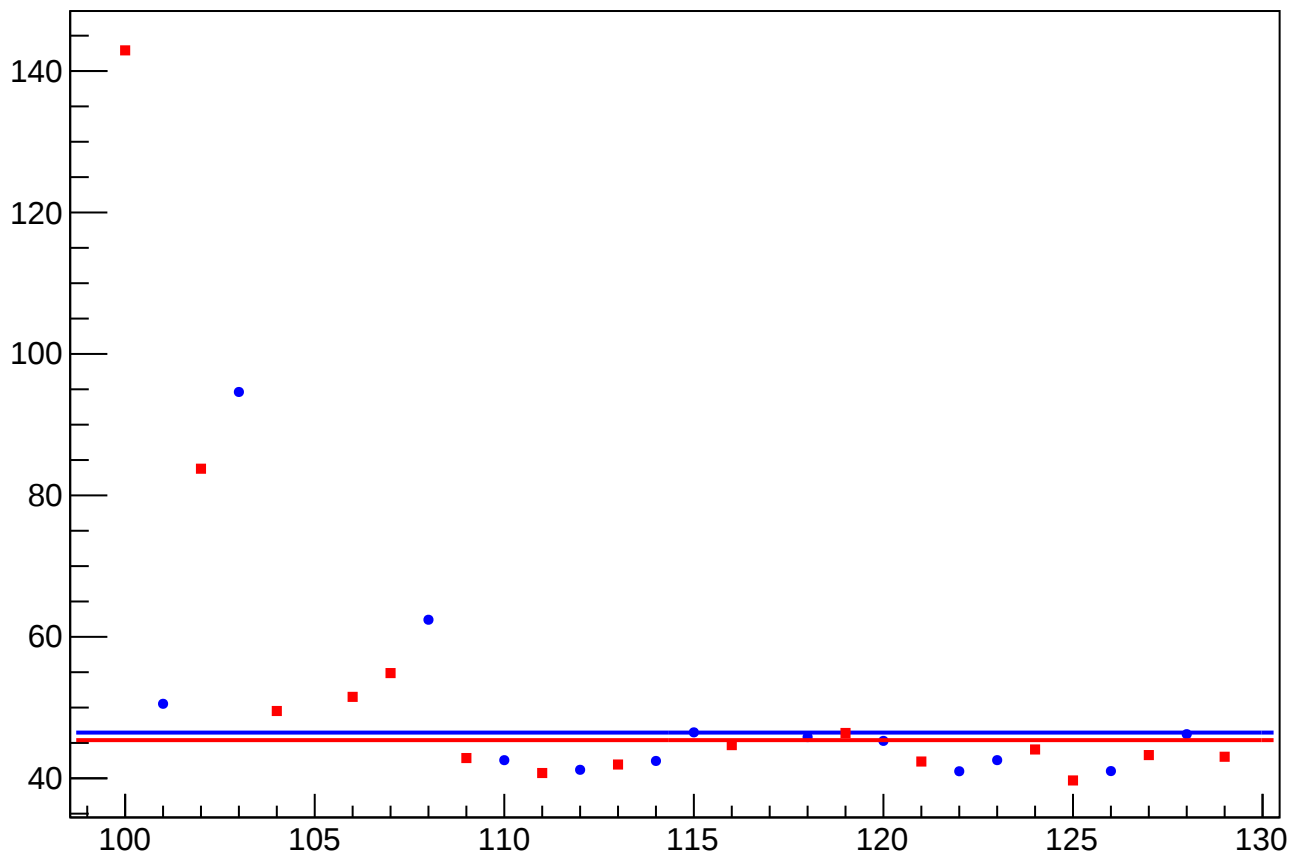
Right: 29.467 $\pm$ 14.743 χ^2 /NDF: 22.1/27

In: 17.291 $\pm$ 22.071 χ^2 /NDF:10.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 29.467 $\pm$ 14.743 χ^2 /NDF: 22.1/27

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 46.464 $\pm$ 0.016 χ^2 /NDF: 400179.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 45.396 $\pm$ 0.014 χ^2 /NDF: 362435.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

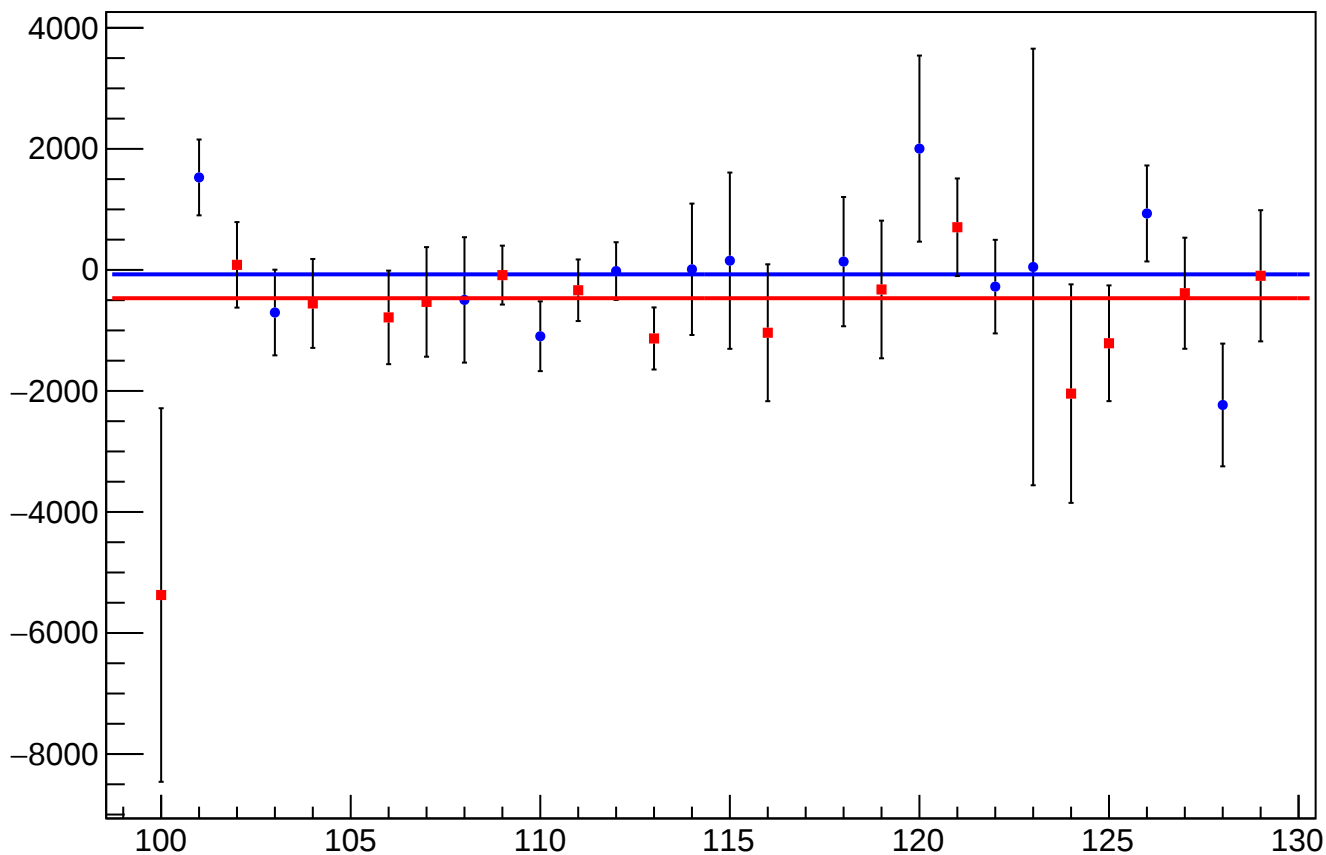
Right: 45.873 $\pm$ 0.010 χ^2 /NDF: 765209.8/27

In: 46.464 $\pm$ 0.016 χ^2 /NDF:400179.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 45.873 $\pm$ 0.010 χ^2 /NDF: 765209.8/27

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -73.382 ± 224.649 χ^2/NDF : 18.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -467.752 ± 198.947 χ^2/NDF : 9.6/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

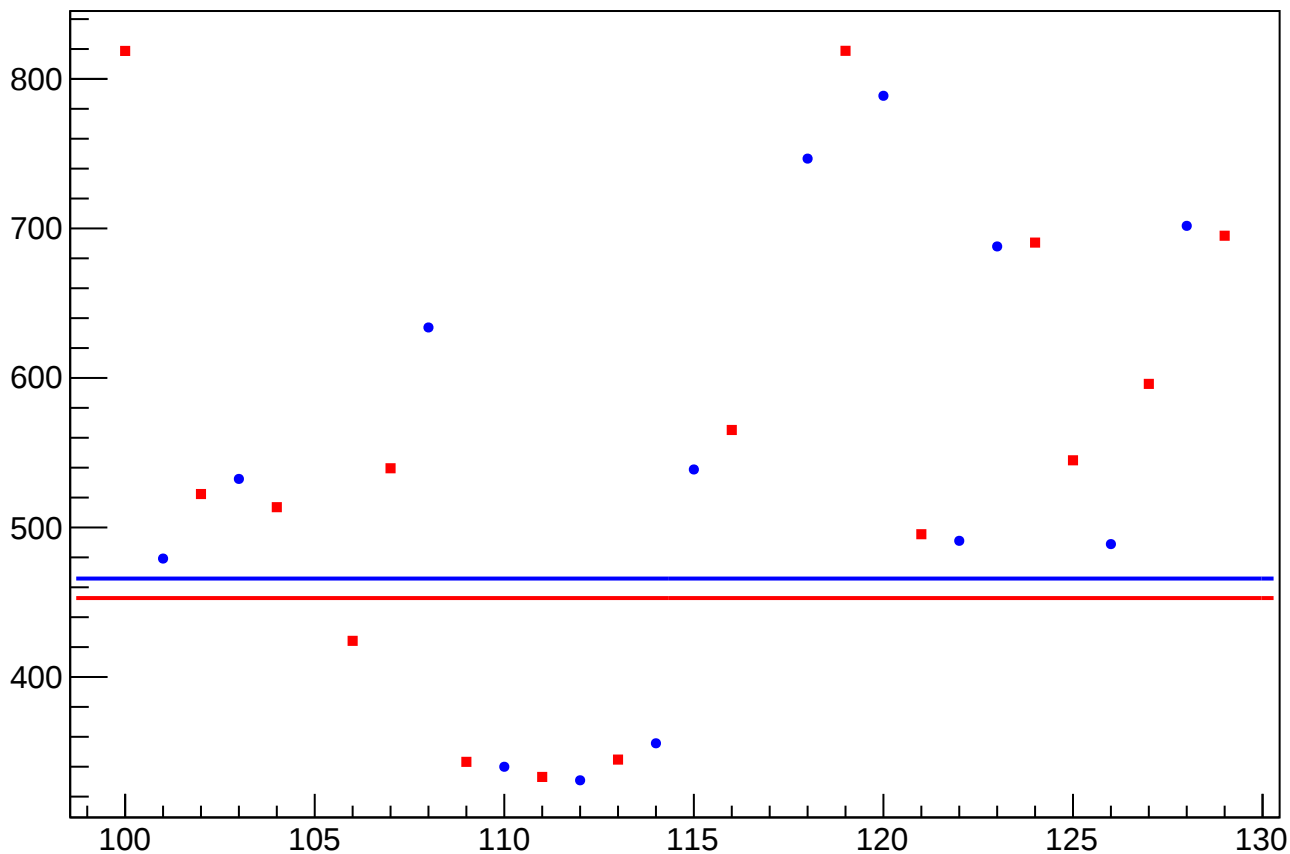
Right: -294.408 ± 148.939 χ^2/NDF : 30.1/27

In: -73.382 ± 224.649 χ^2/NDF : 18.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -294.408 ± 148.939 χ^2/NDF : 30.1/27

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 465.841+/-0.159 χ^2/NDF : 698407.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 452.790+/-0.141 χ^2/NDF : 817278.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

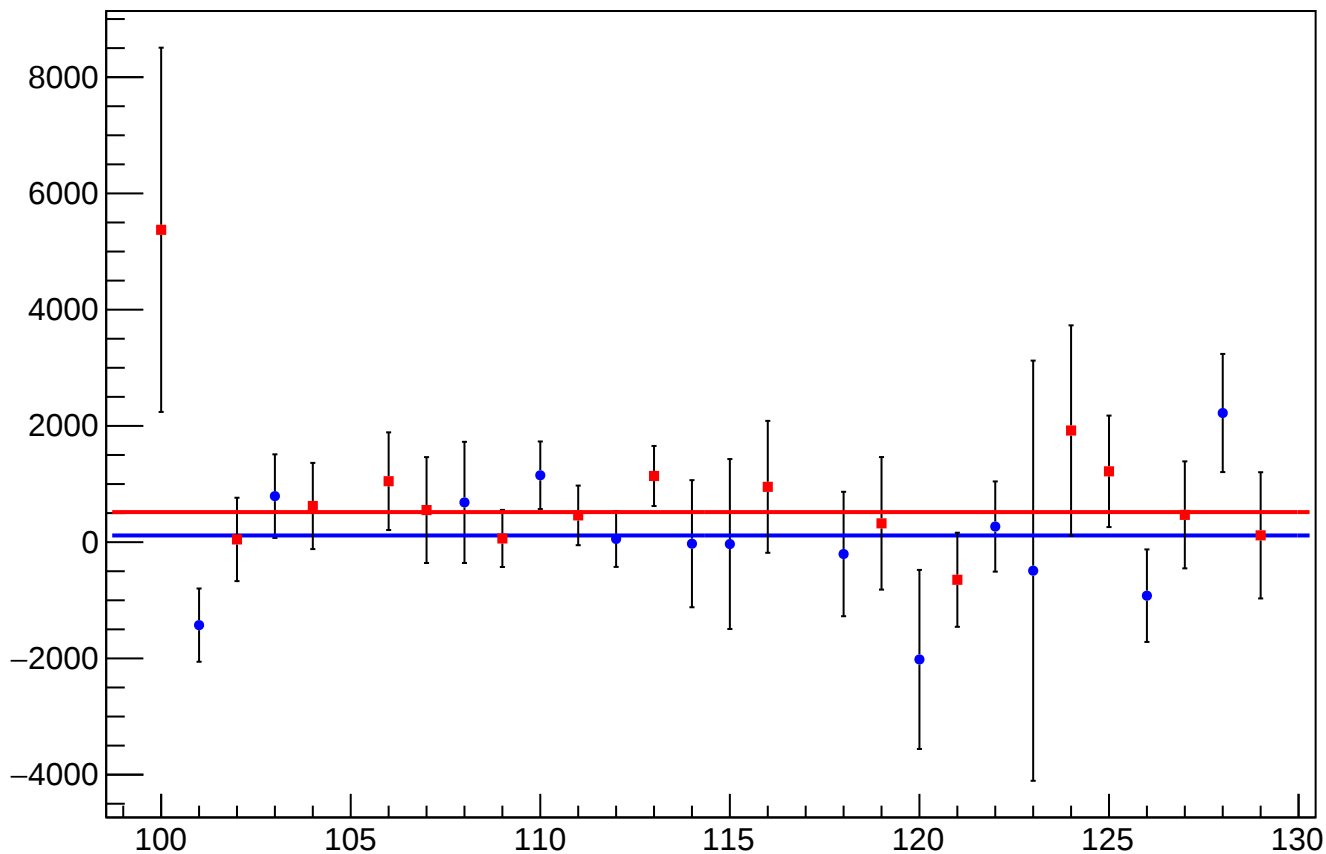
Right: 458.526+/-0.105 χ^2/NDF : 1519469.3/27

In: 465.841+/-0.159 χ^2/NDF : 698407.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 458.526+/-0.105 χ^2/NDF : 1519469.3/27

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 115.435 $\pm$ 226.200 χ^2 /NDF: 18.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 517.512 $\pm$ 201.322 χ^2 /NDF: 9.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

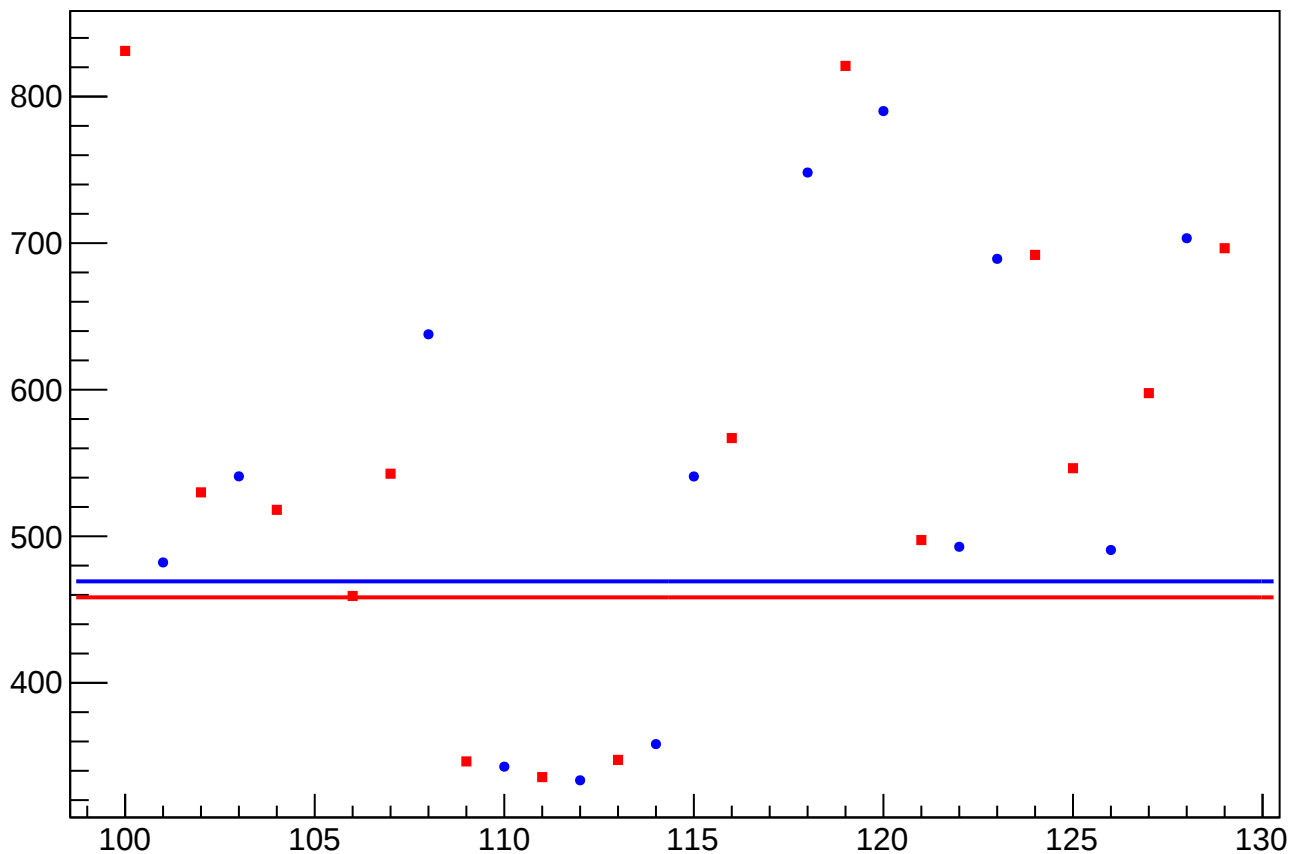
Right: 339.792 $\pm$ 150.386 χ^2 /NDF: 29.3/27

In: 115.435 $\pm$ 226.200 χ^2 /NDF:18.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 339.792 $\pm$ 150.386 χ^2 /NDF: 29.3/27

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 469.245+/-0.160 χ^2/NDF : 691969.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 458.334+/-0.142 χ^2/NDF : 806332.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

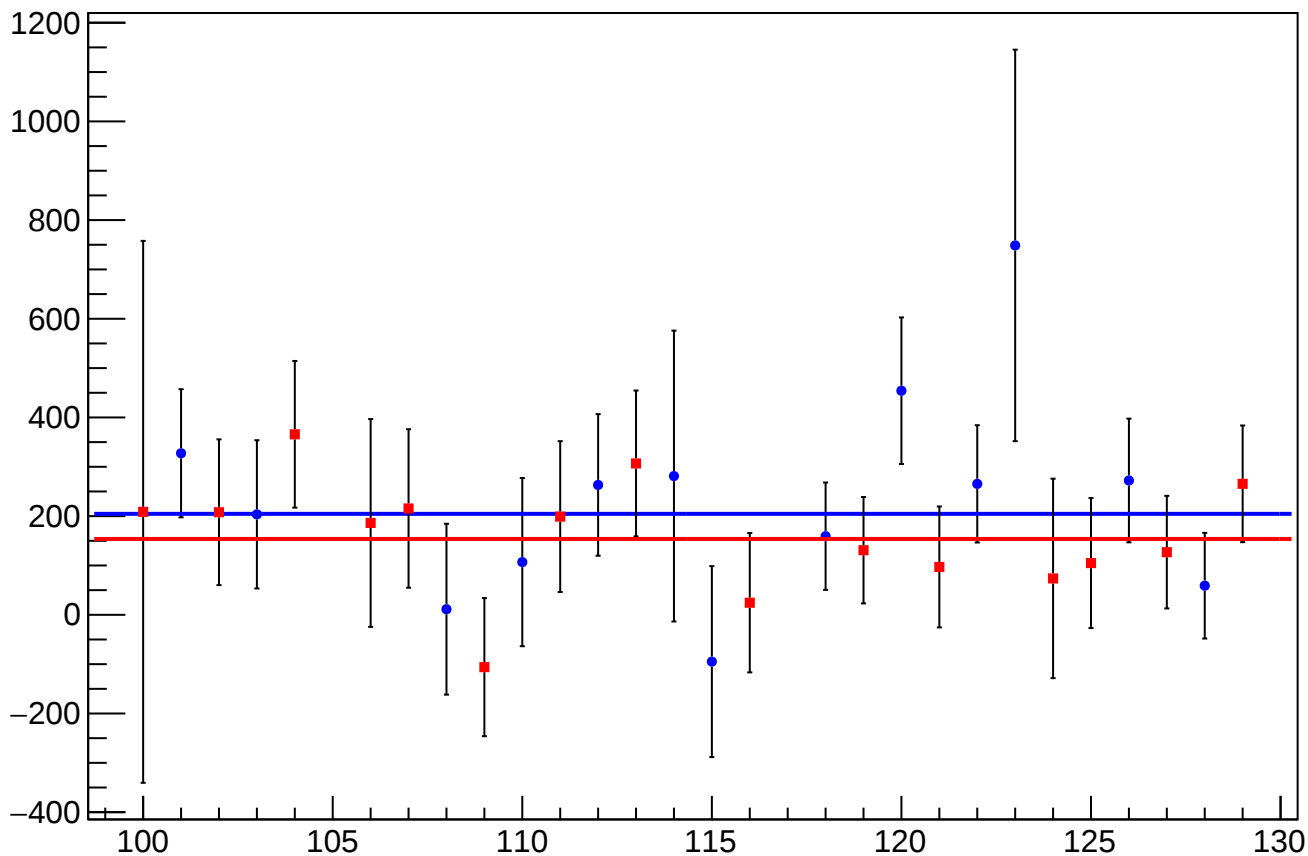
Right: 463.156+/-0.106 χ^2/NDF : 1500898.4/27

In: 469.245+/-0.160 χ^2/NDF : 691969.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.156+/-0.106 χ^2/NDF : 1500898.4/27

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 204.645 $\pm$ 40.290 χ^2 /NDF: 12.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 153.768 $\pm$ 37.047 χ^2 /NDF: 9.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

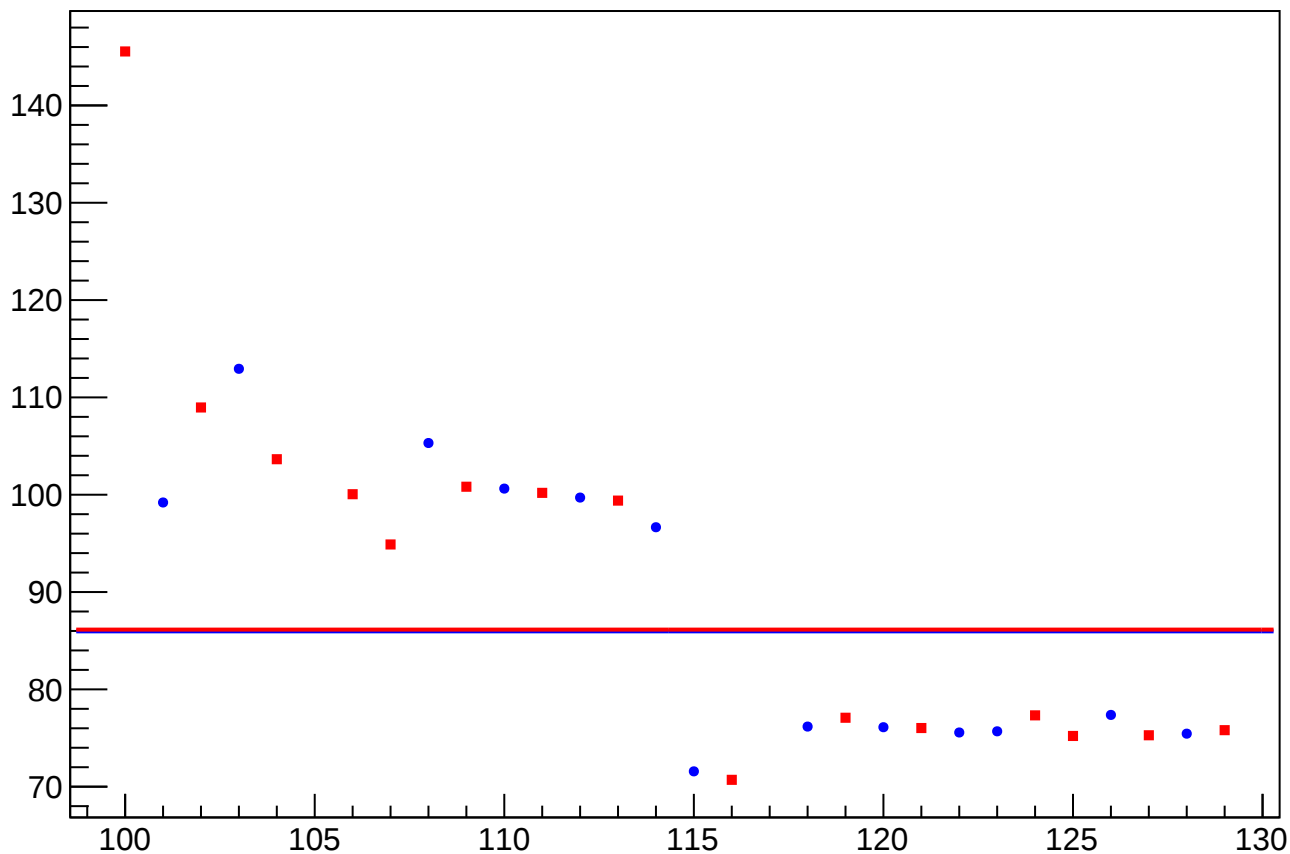
Right: 177.077 $\pm$ 27.271 χ^2 /NDF: 22.5/27

In: 204.645 $\pm$ 40.290 χ^2 /NDF: 12.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 177.077 $\pm$ 27.271 χ^2 /NDF: 22.5/27

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 85.961+/-0.028 χ^2/NDF : 227411.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.141+/-0.026 χ^2/NDF : 271158.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

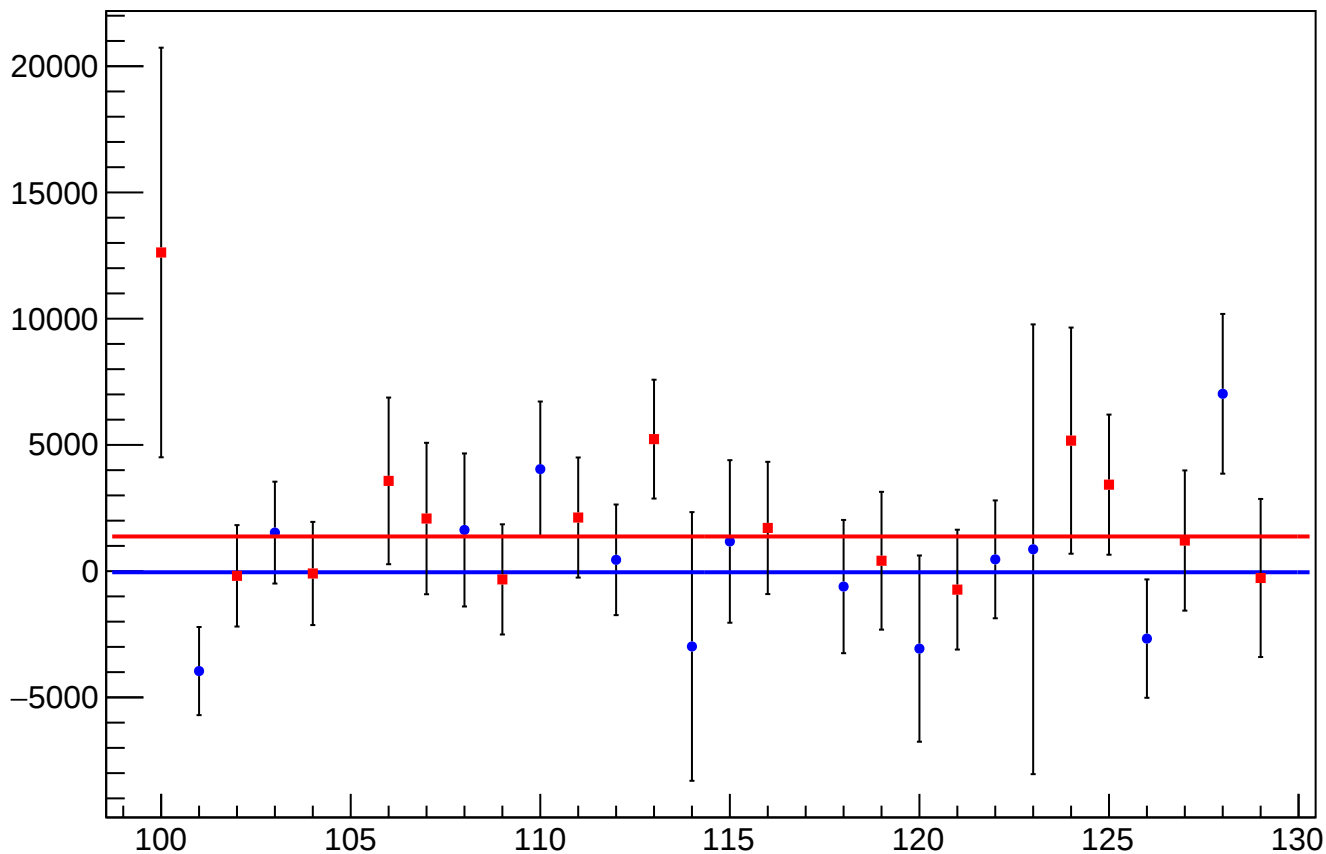
Right: 86.058+/-0.019 χ^2/NDF : 498590.8/27

In: 85.961+/-0.028 χ^2/NDF : 227411.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.058+/-0.019 χ^2/NDF : 498590.8/27

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -43.650 ± 733.717 $\chi^2/\text{NDF}: 15.8/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1373.526 ± 683.337 $\chi^2/\text{NDF}: 9.4/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

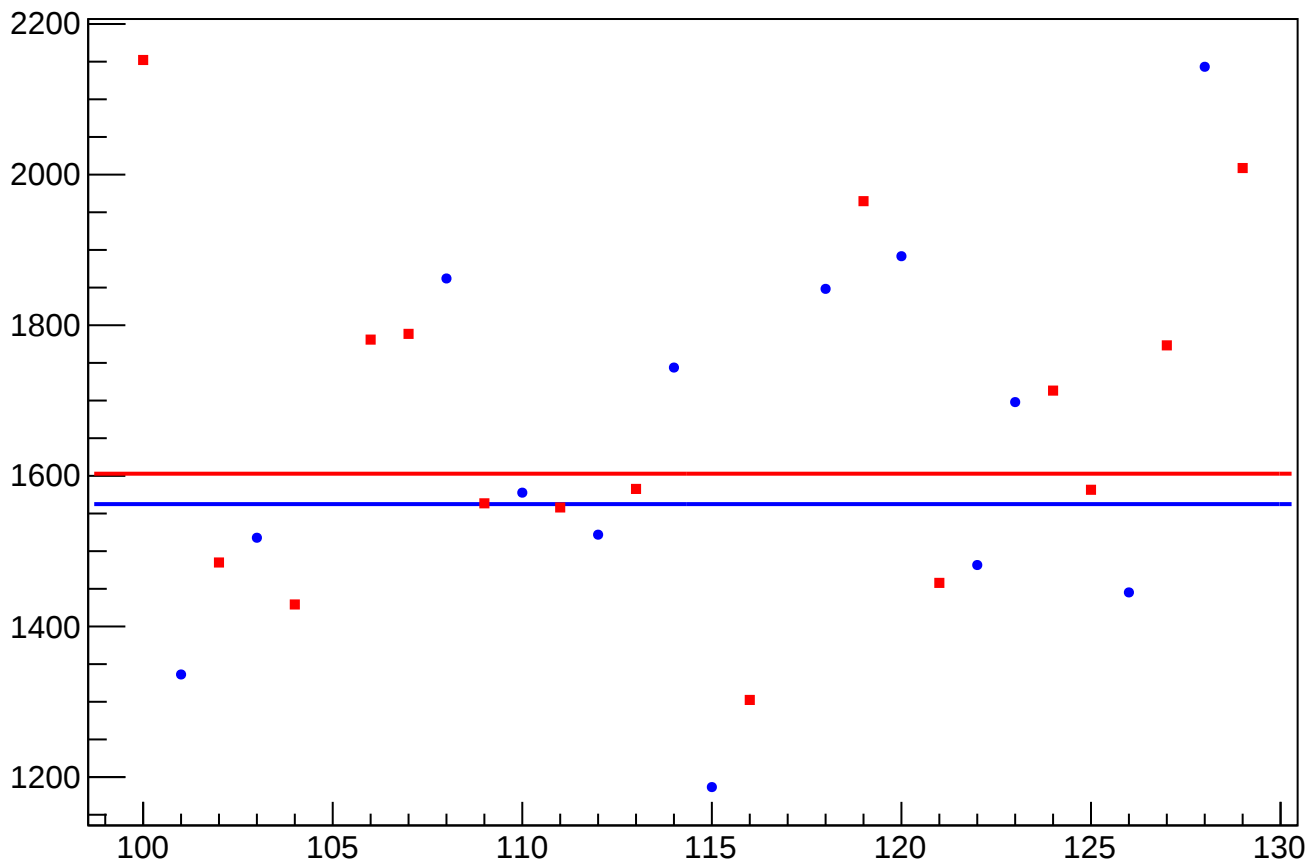
Right: 715.258 ± 500.055 $\chi^2/\text{NDF}: 27.2/27$

In: -43.650 ± 733.717 $\chi^2/\text{NDF}: 15.8/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 715.258 ± 500.055 $\chi^2/\text{NDF}: 27.2/27$

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1562.483+/-0.519 χ^2/NDF : 199081.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1602.866+/-0.483 χ^2/NDF : 156905.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

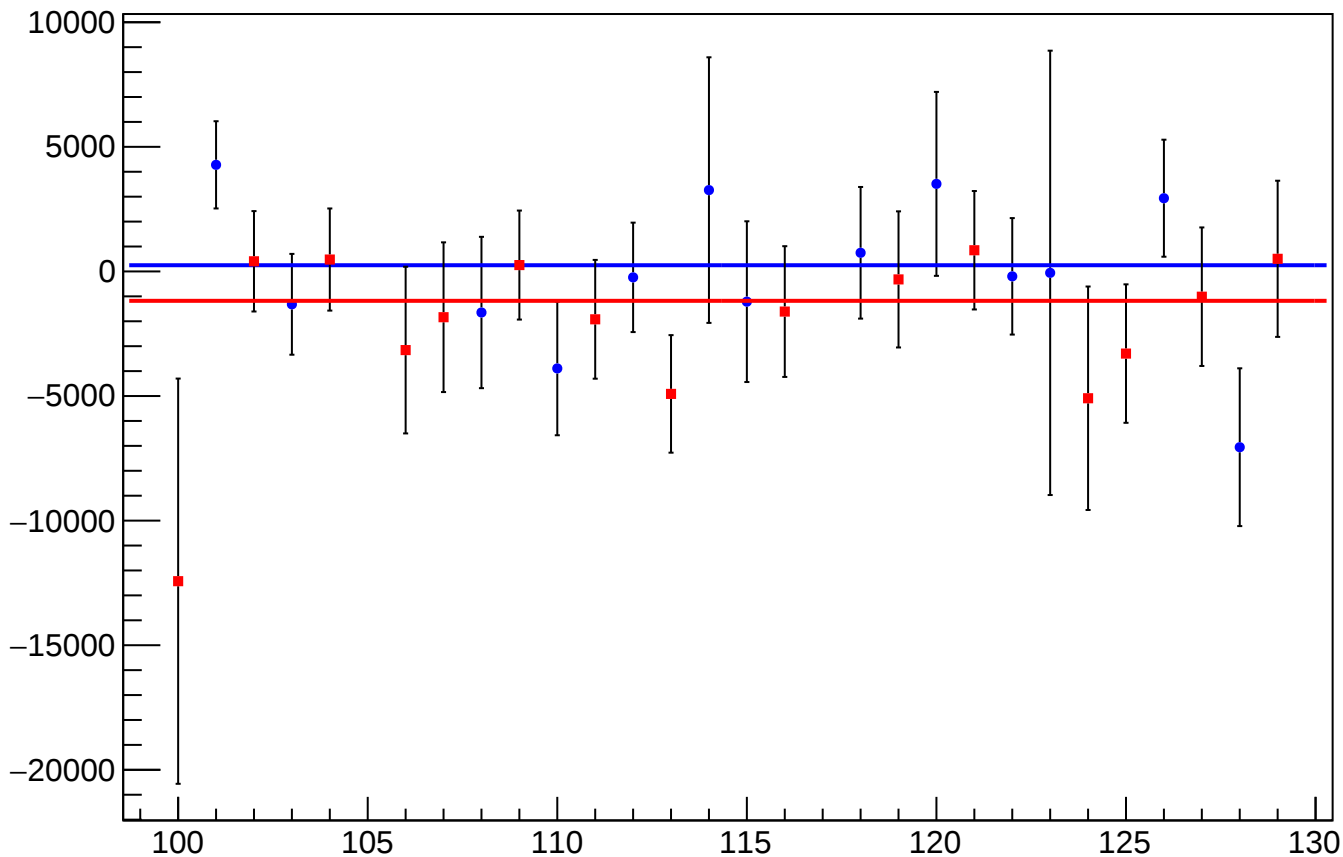
Right: 1584.109+/-0.354 χ^2/NDF : 359231.6/27

In: 1562.483+/-0.519 χ^2/NDF : 199081.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1584.109+/-0.354 χ^2/NDF : 359231.6/27

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 249.109+/-735.124 χ^2/NDF : 16.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1179.419+/-684.911 χ^2/NDF : 9.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

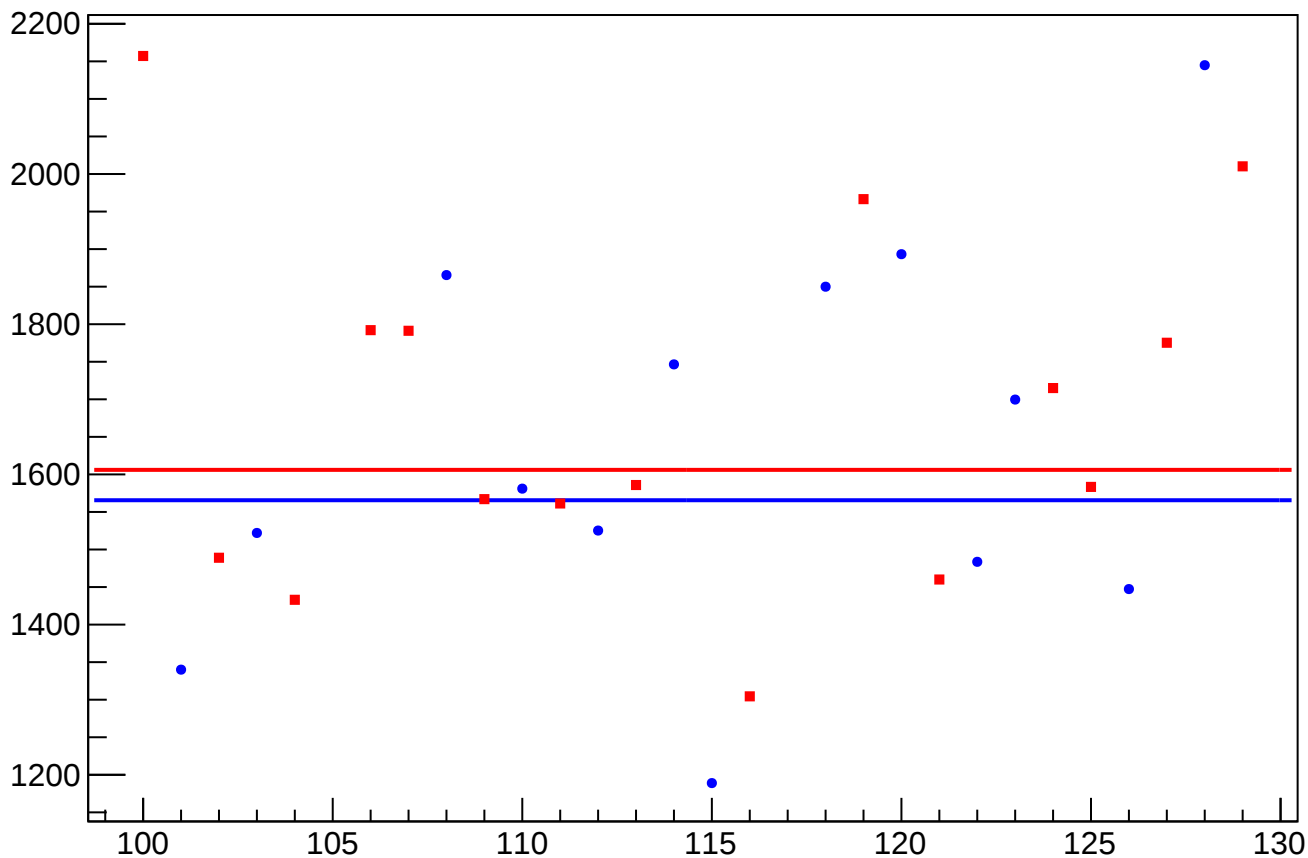
Right: -515.606+/-501.117 χ^2/NDF : 27.9/27

In: 249.109+/-735.124 χ^2/NDF : 16.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -515.606+/-501.117 χ^2/NDF : 27.9/27

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1565.607+/-0.520 χ^2/NDF : 197850.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1606.048+/-0.484 χ^2/NDF : 156293.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

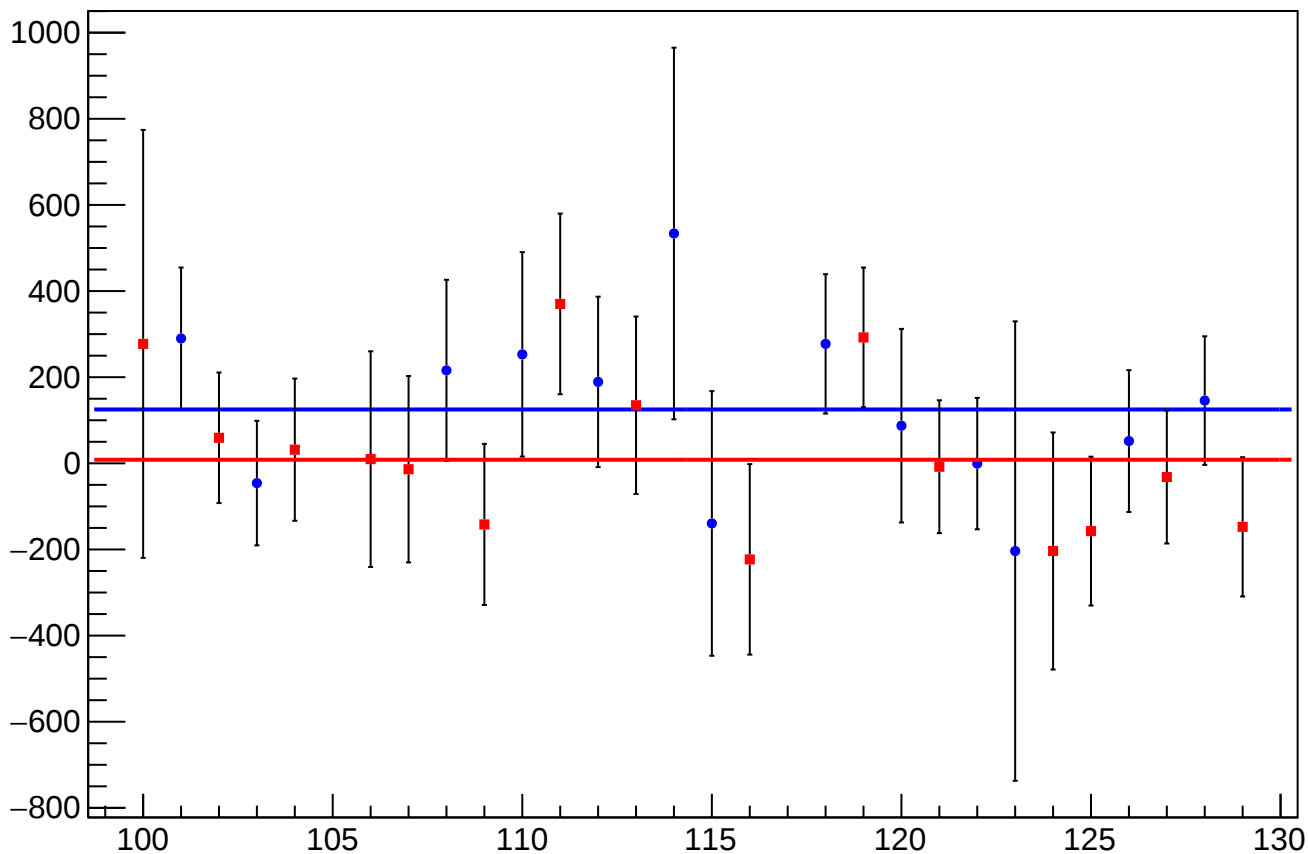
Right: 1587.256+/-0.354 χ^2/NDF : 357383.9/27

In: 1565.607+/-0.520 χ^2/NDF : 197850.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1587.256+/-0.354 χ^2/NDF : 357383.9/27

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 125.063 $\pm$ 53.231 χ^2 /NDF: 6.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 8.355 $\pm$ 48.572 χ^2 /NDF: 11.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

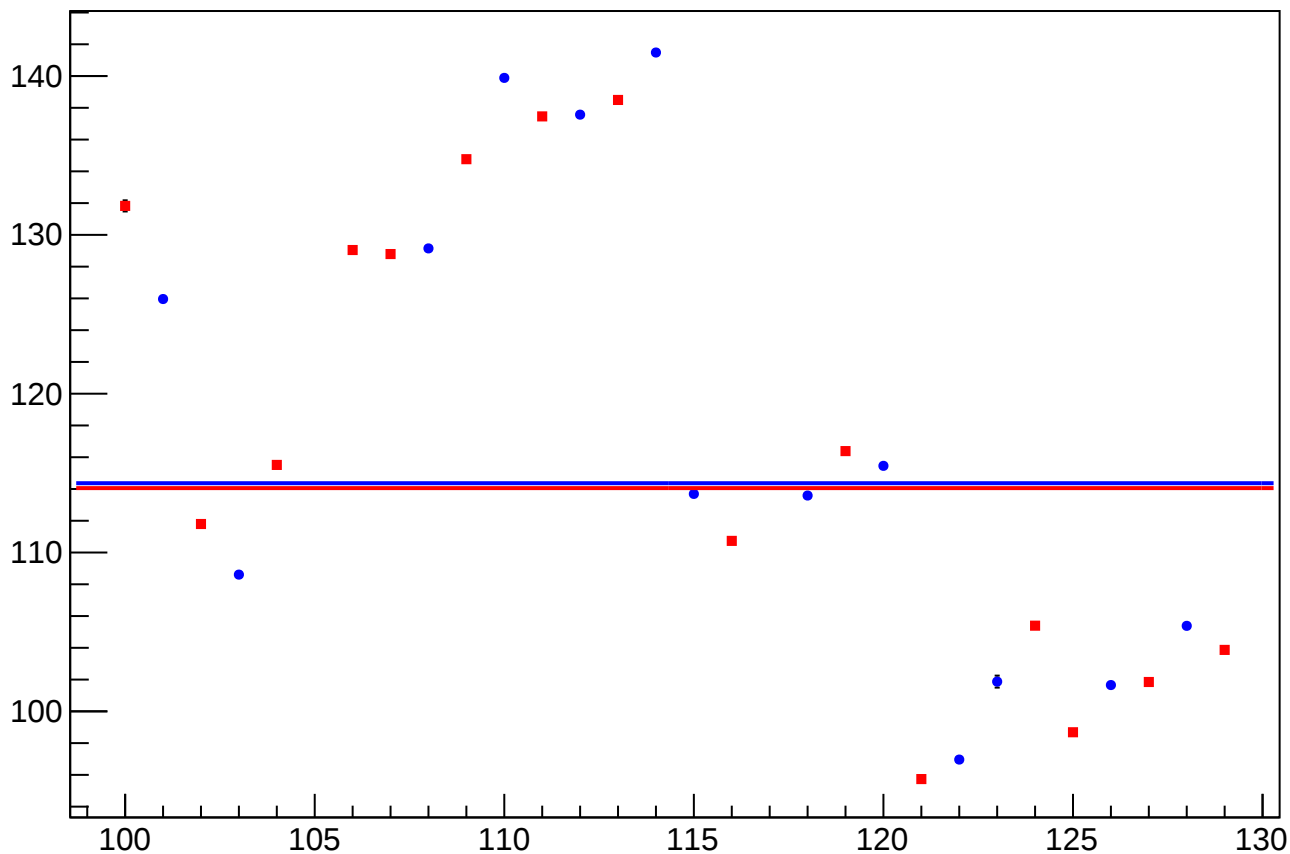
Right: 61.379 $\pm$ 35.880 χ^2 /NDF: 20.6/27

In: 125.063 $\pm$ 53.231 χ^2 /NDF:6.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 61.379 $\pm$ 35.880 χ^2 /NDF: 20.6/27

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 114.364+/-0.038 χ^2/NDF : 127880.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.055+/-0.034 χ^2/NDF : 164511.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

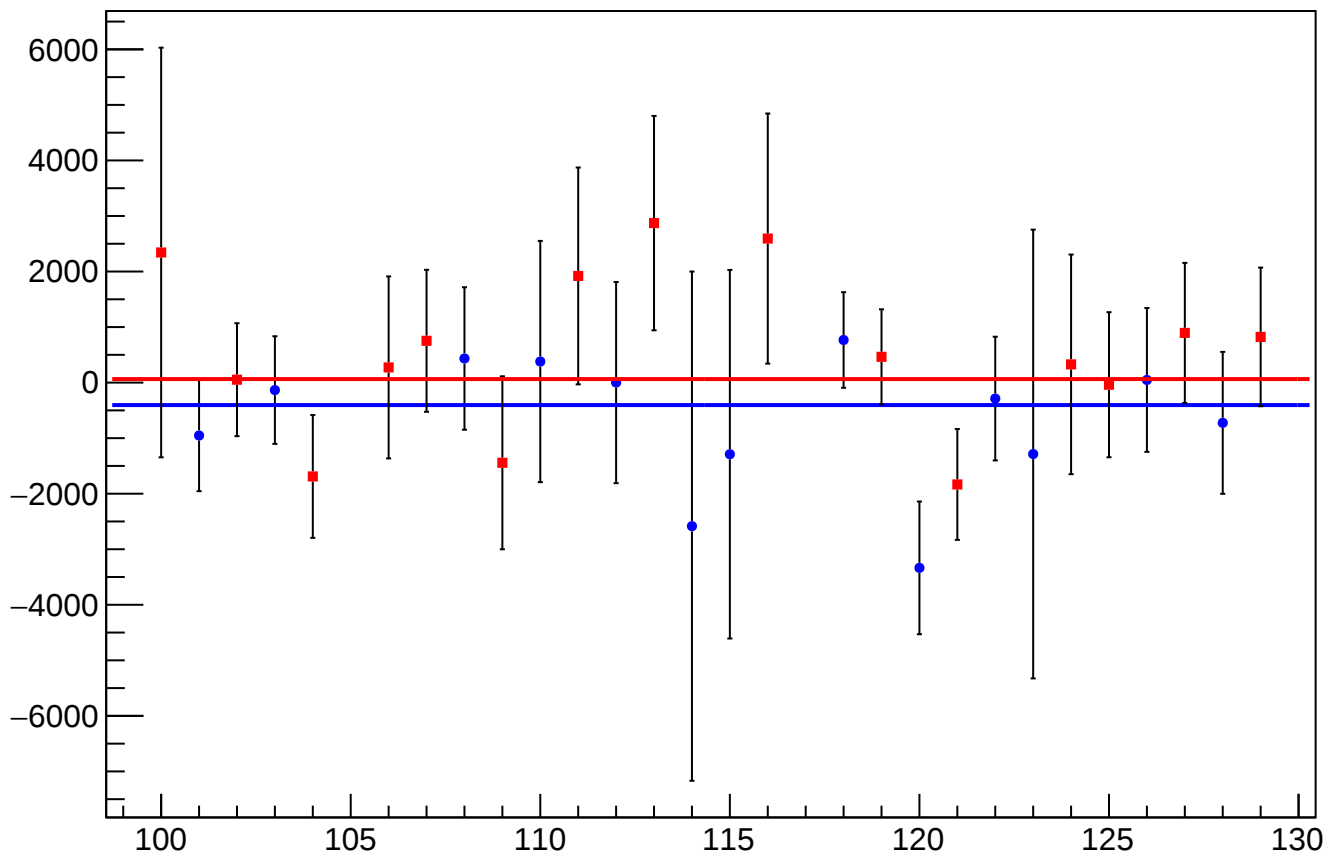
Right: 114.195+/-0.025 χ^2/NDF : 292428.8/27

In: 114.364+/-0.038 χ^2/NDF : 127880.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.195+/-0.025 χ^2/NDF : 292428.8/27

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -404.424+/-366.322 χ^2/NDF : 9.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.890+/-343.625 χ^2/NDF : 13.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

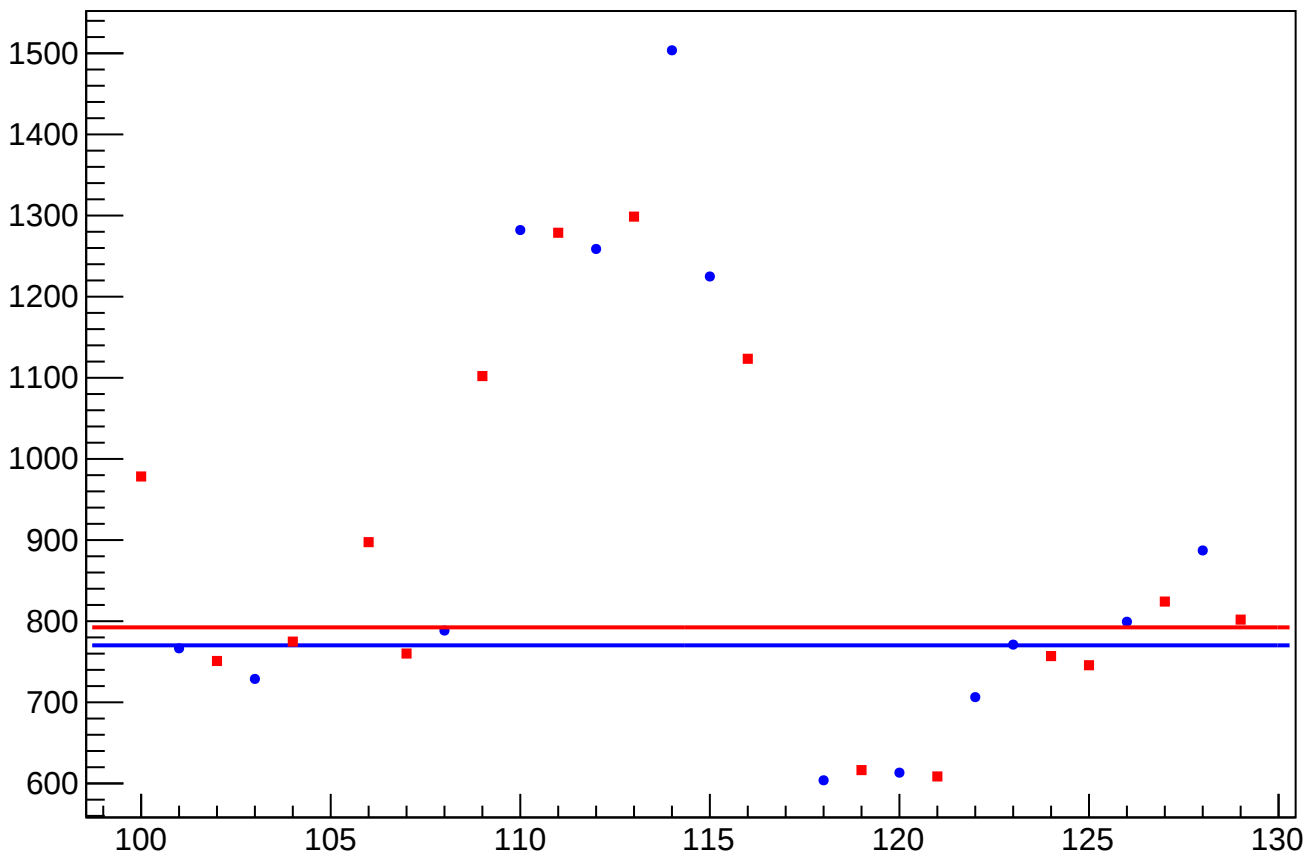
Right: -155.311+/-250.619 χ^2/NDF : 23.4/27

In: -404.424+/-366.322 χ^2/NDF : 9.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -155.311+/-250.619 χ^2/NDF : 23.4/27

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 770.224+/-0.259 χ^2/NDF : 483133.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 792.398+/-0.243 χ^2/NDF : 559669.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

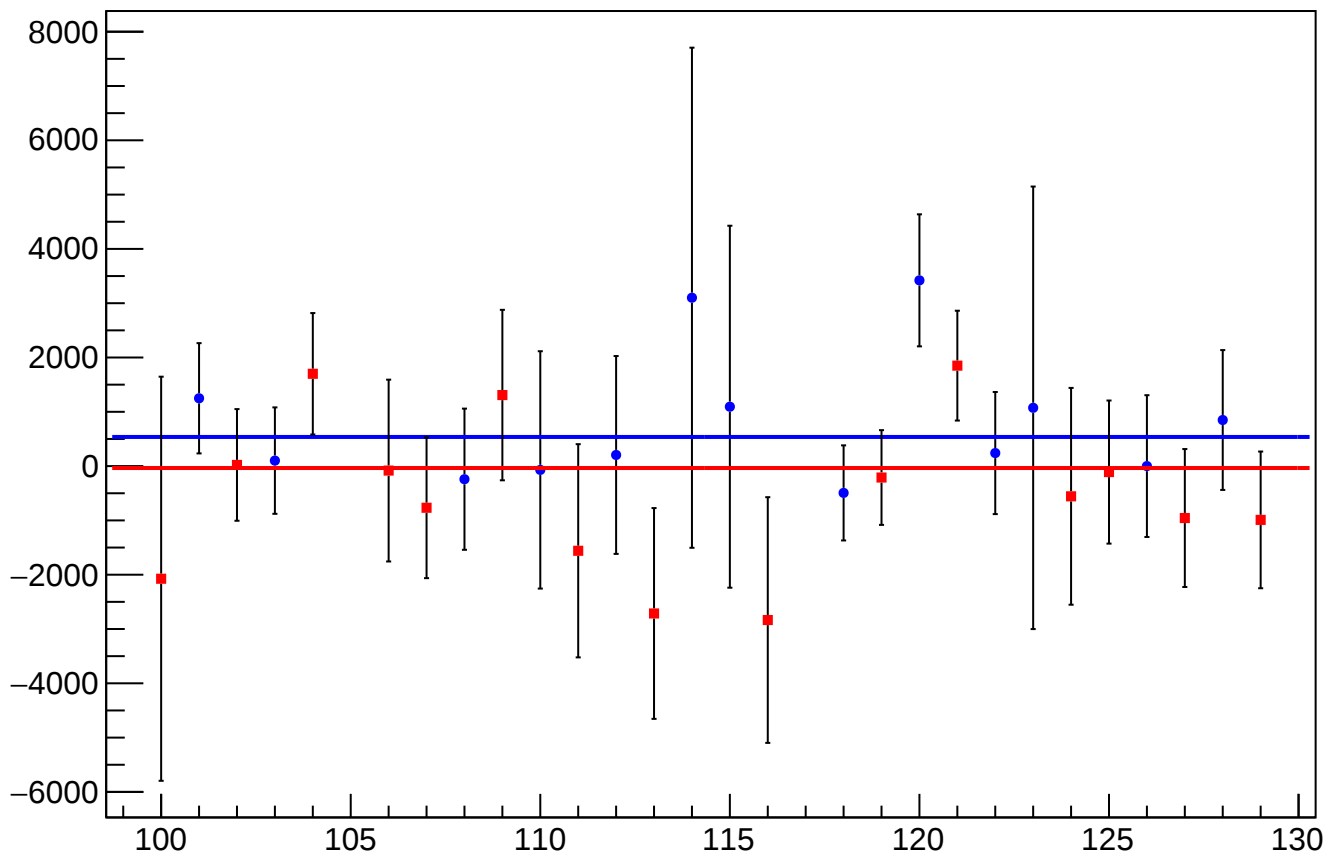
Right: 782.019+/-0.177 χ^2/NDF : 1046701.3/27

In: 770.224+/-0.259 χ^2/NDF : 483133.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 782.019+/-0.177 χ^2/NDF : 1046701.3/27

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 536.859+/-370.820 χ^2/NDF : 8.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -35.167+/-347.831 χ^2/NDF : 12.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

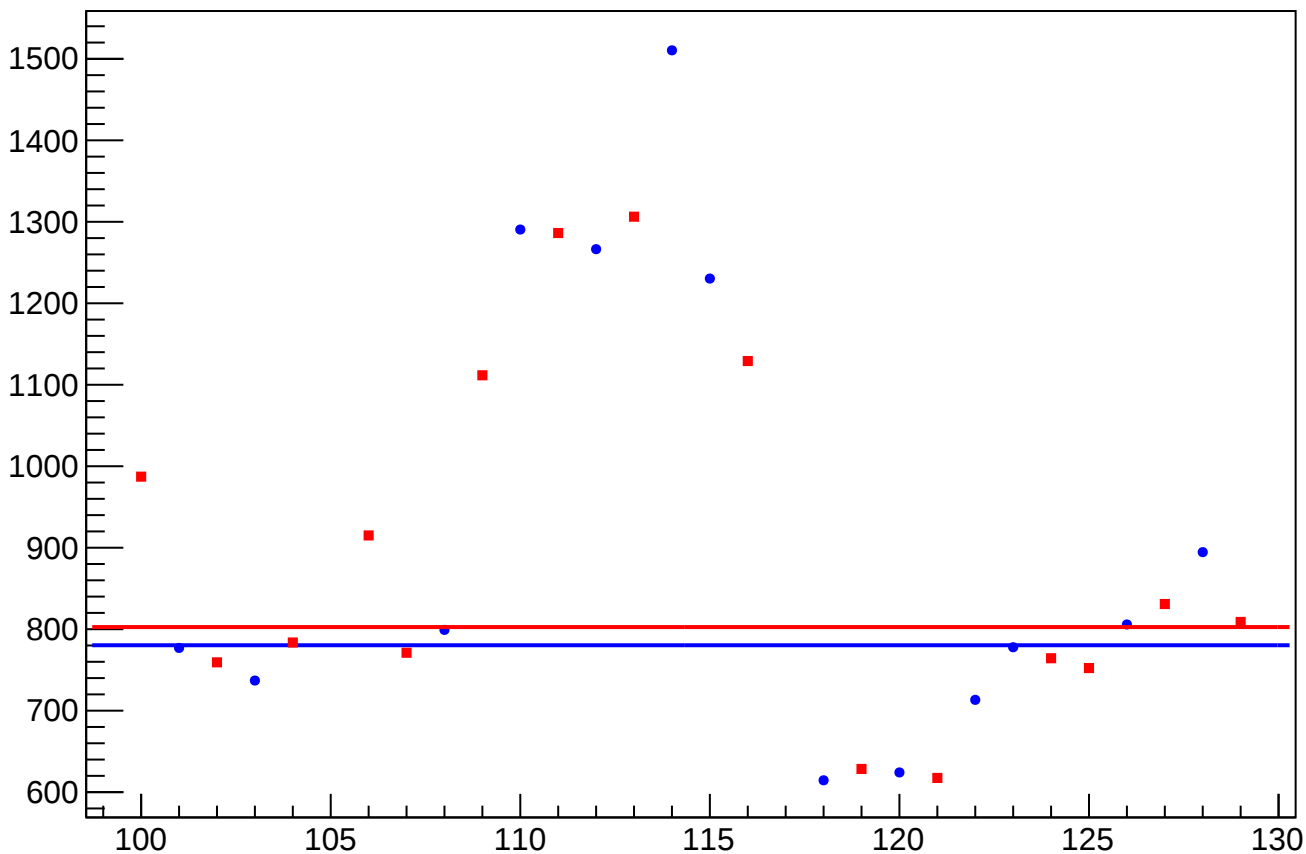
Right: 232.567+/-253.692 χ^2/NDF : 22.6/27

In: 536.859+/-370.820 χ^2/NDF :8.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 232.567+/-253.692 χ^2/NDF : 22.6/27

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 780.303+/-0.262 χ^2/NDF : 470721.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 802.618+/-0.246 χ^2/NDF : 545869.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

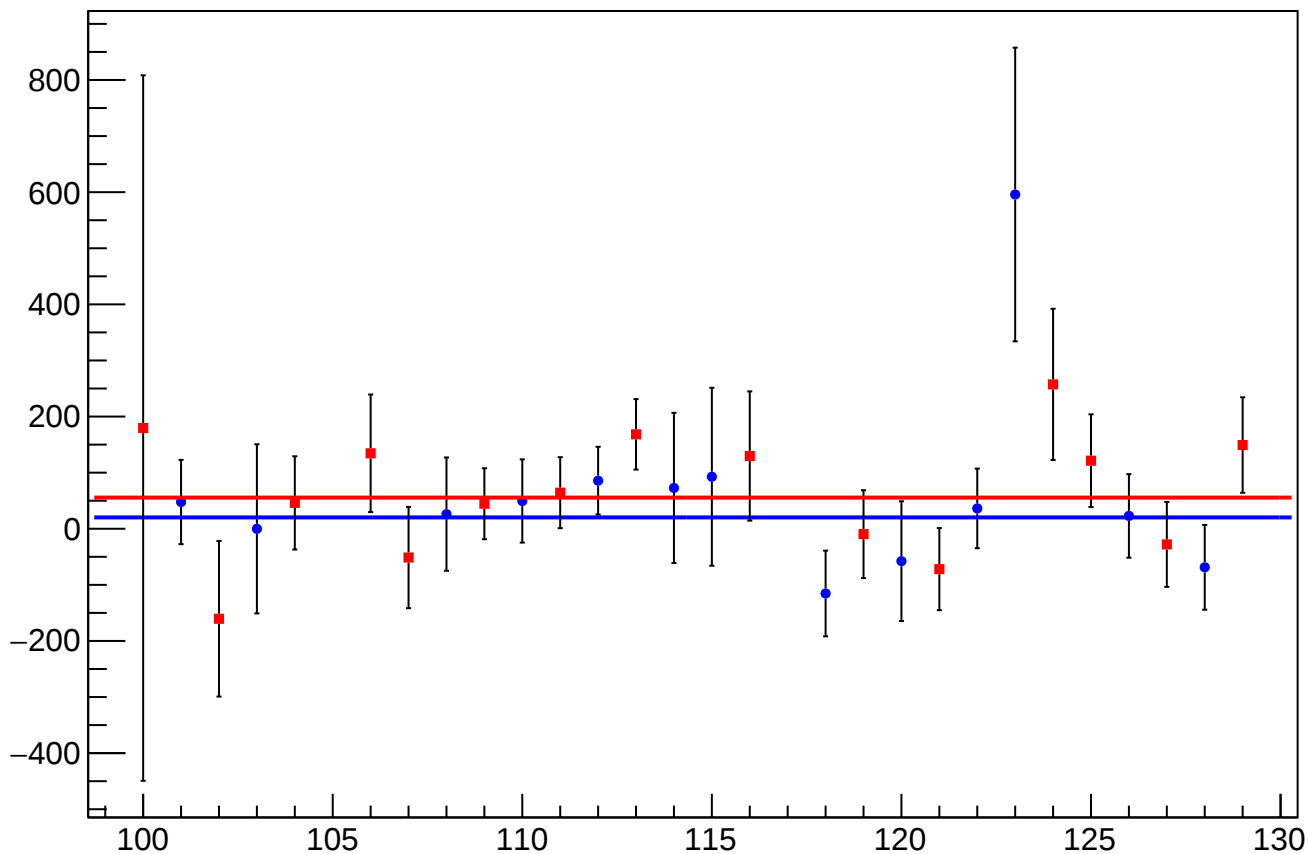
Right: 792.173+/-0.179 χ^2/NDF : 1020443.6/27

In: 780.303+/-0.262 χ^2/NDF : 470721.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 792.173+/-0.179 χ^2/NDF : 1020443.6/27

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 20.218+/-24.267 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.560+/-21.798 χ^2/NDF : 17.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

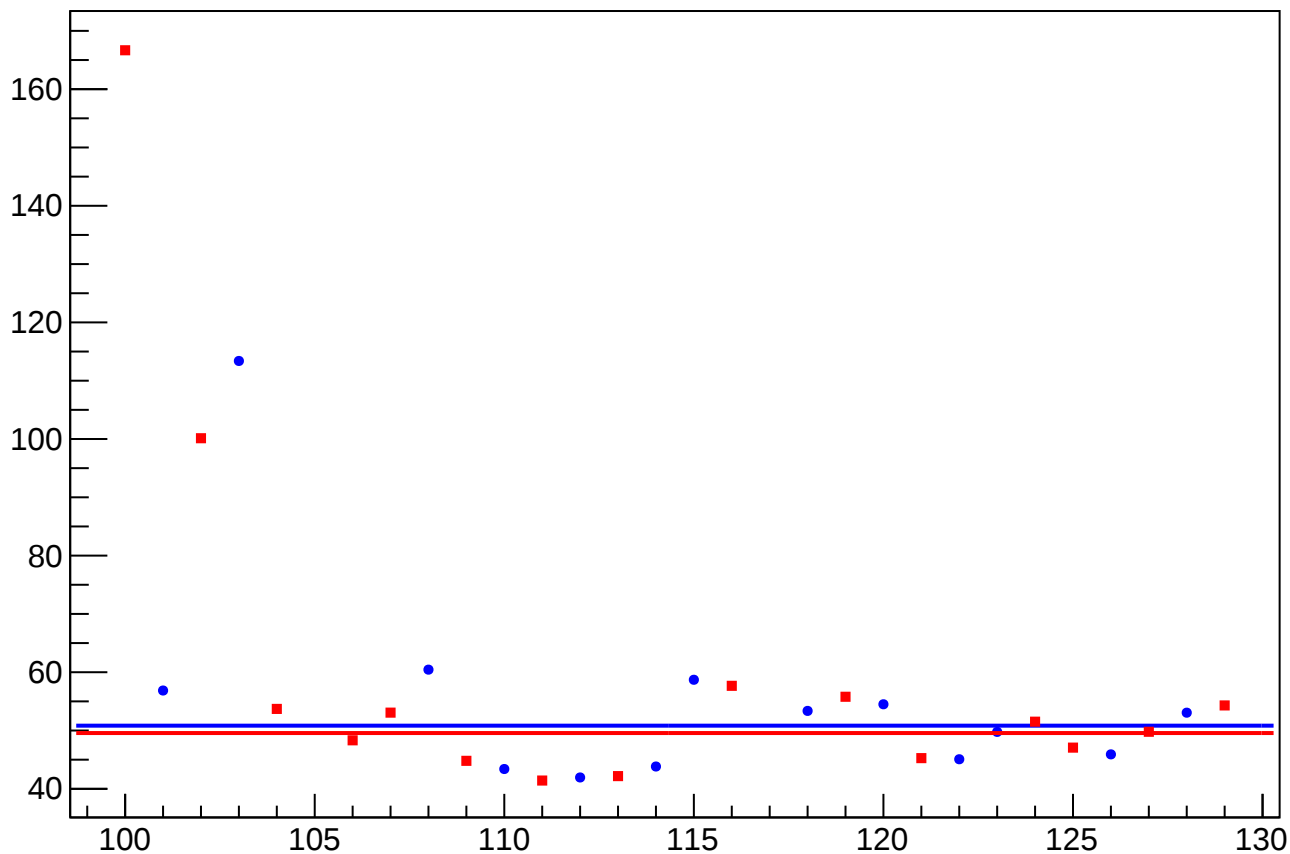
Right: 39.778+/-16.216 χ^2/NDF : 30.1/27

In: 20.218+/-24.267 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.778+/-16.216 χ^2/NDF : 30.1/27

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 50.834+/-0.017 χ^2/NDF : 477114.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.569+/-0.015 χ^2/NDF : 453451.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

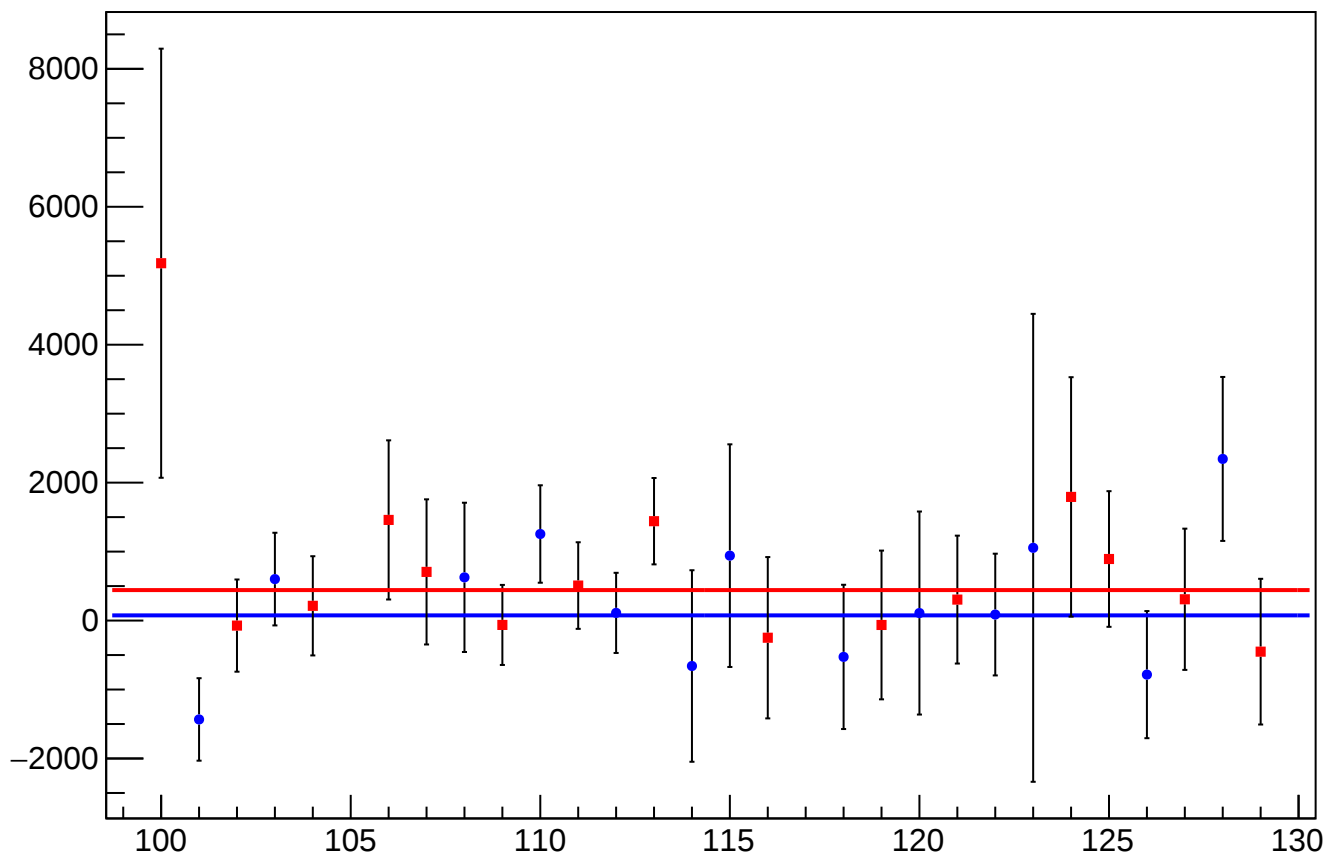
Right: 50.134+/-0.011 χ^2/NDF : 933574.9/27

In: 50.834+/-0.017 χ^2/NDF : 477114.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.134+/-0.011 χ^2/NDF : 933574.9/27

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: 75.238+/-247.208 χ^2/NDF : 15.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 441.936+/-223.871 χ^2/NDF : 9.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

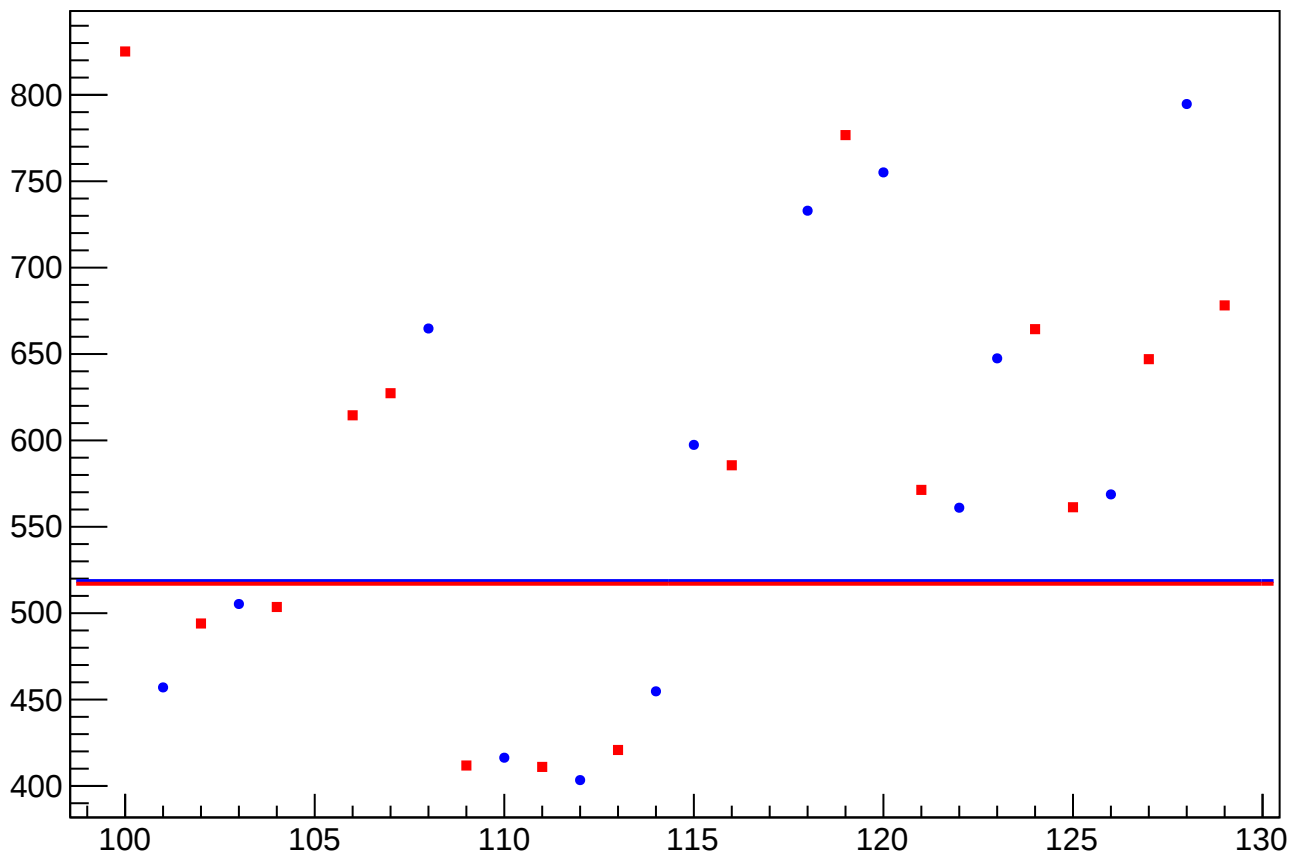
Right: 276.709+/-165.939 χ^2/NDF : 26.0/27

In: 75.238+/-247.208 χ^2/NDF : 15.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 276.709+/-165.939 χ^2/NDF : 26.0/27

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 518.577 $\pm$ 0.175 χ^2 /NDF: 444902.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 517.044 $\pm$ 0.158 χ^2 /NDF: 455809.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

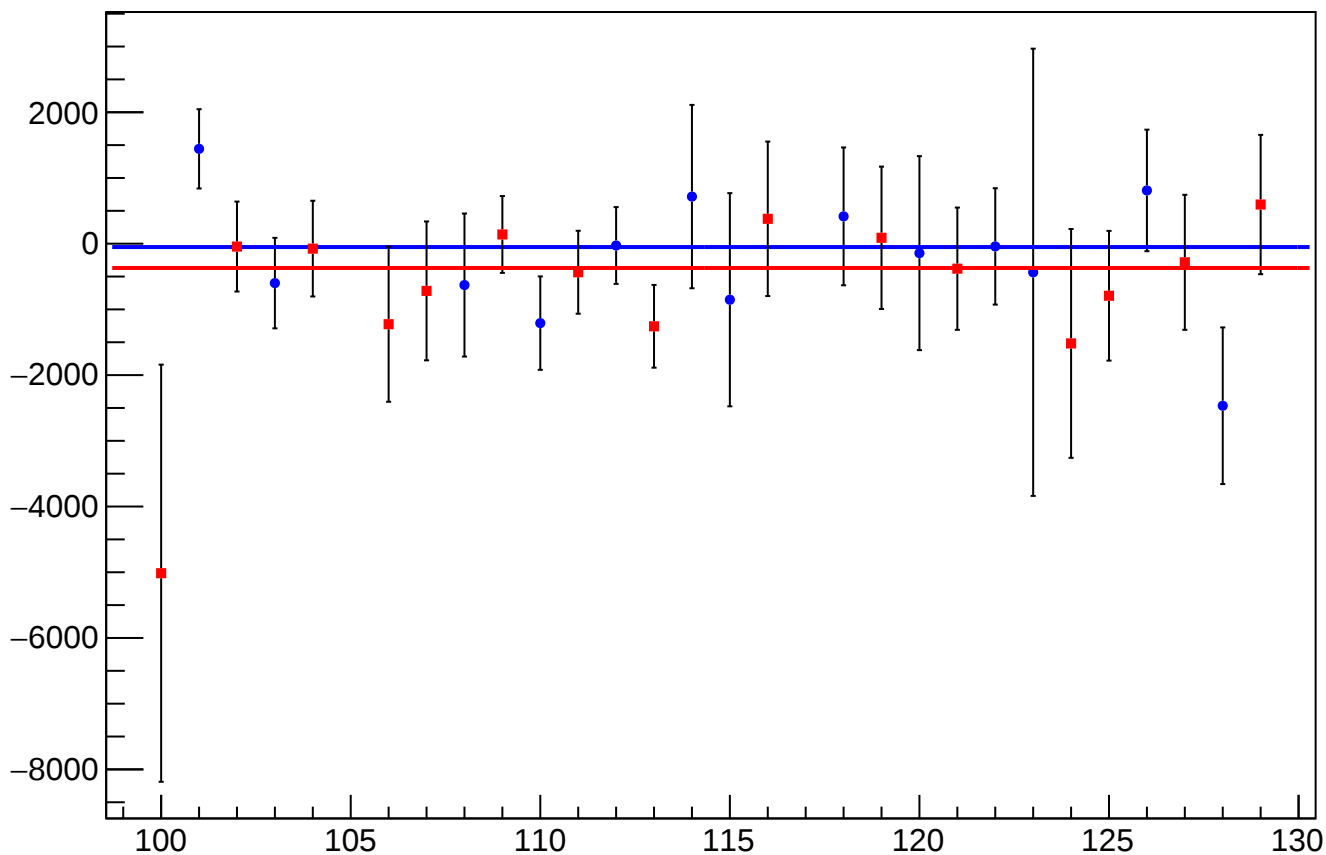
Right: 517.735 $\pm$ 0.117 χ^2 /NDF: 900753.5/27

In: 518.577 $\pm$ 0.175 χ^2 /NDF:444902.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 517.735 $\pm$ 0.117 χ^2 /NDF: 900753.5/27

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -51.309 +/- 249.177 χ^2/NDF : 15.4/12

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -369.627 +/- 225.768 χ^2/NDF : 8.0/14

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

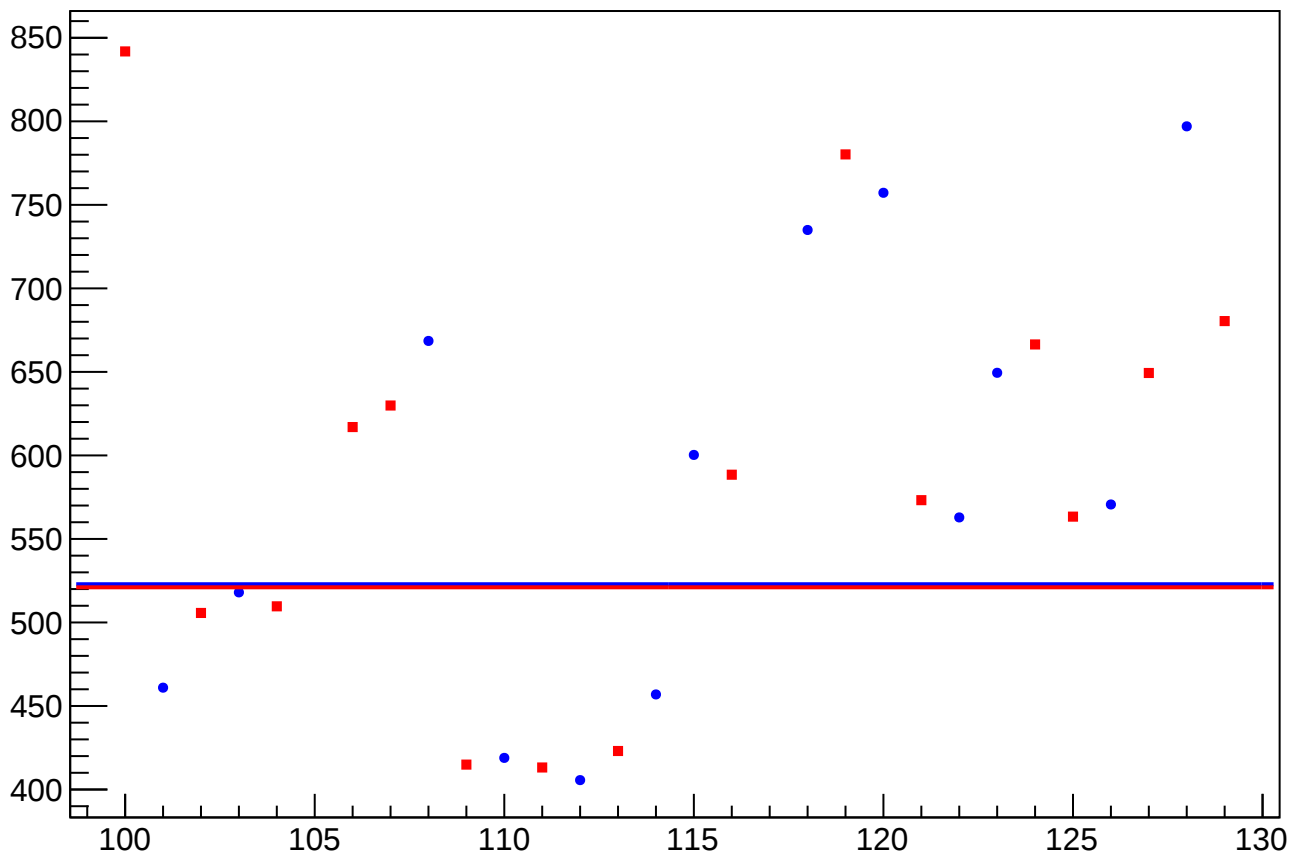
Right: -226.119 +/- 167.307 χ^2/NDF : 24.3/27

In: -51.309 +/- 249.177 χ^2/NDF : 15.4/12

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -226.119 +/- 167.307 χ^2/NDF : 24.3/27

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 522.885+/-0.176 χ^2/NDF : 439496.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 521.042+/-0.160 χ^2/NDF : 450536.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

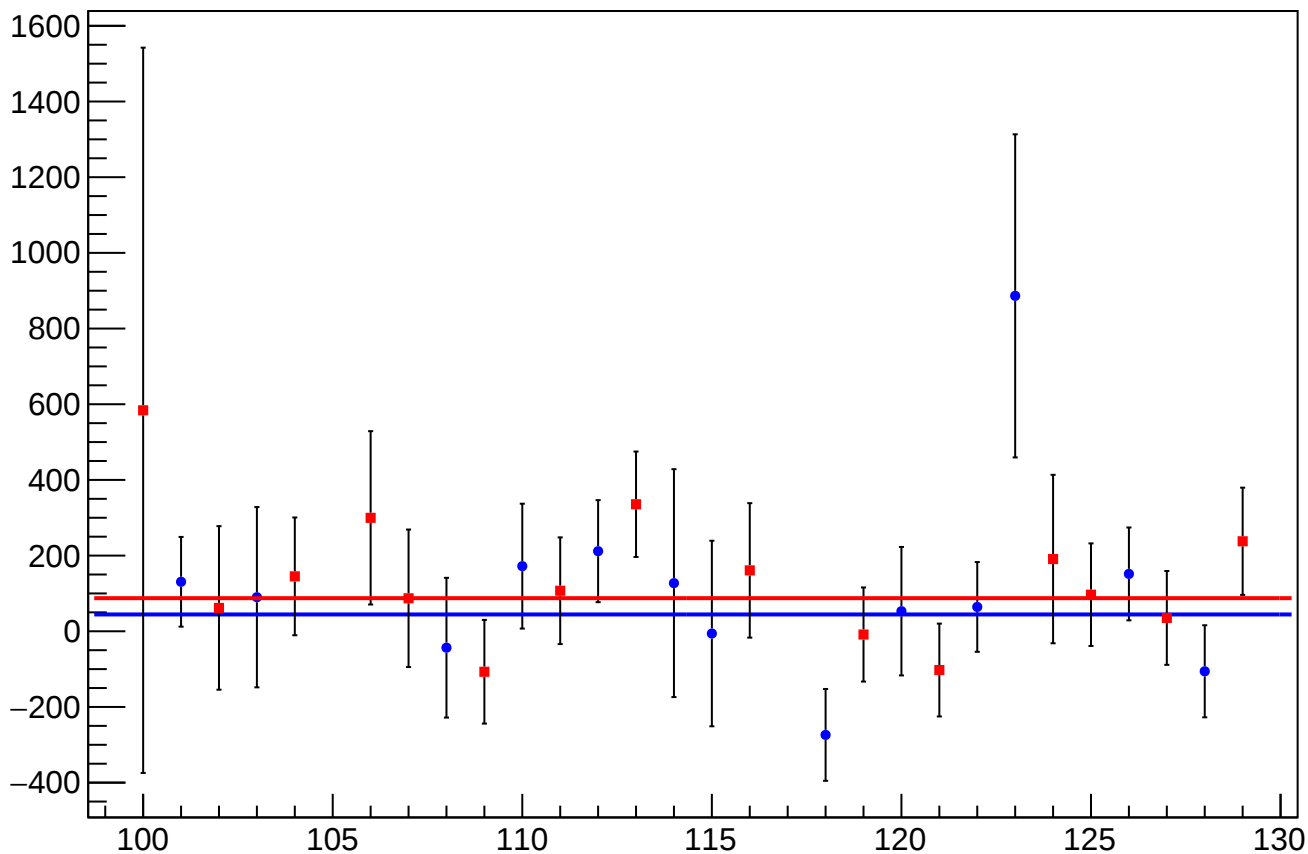
Right: 521.873+/-0.118 χ^2/NDF : 890093.1/27

In: 522.885+/-0.176 χ^2/NDF : 439496.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 521.873+/-0.118 χ^2/NDF : 890093.1/27

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 44.457+/-42.611 χ^2/NDF : 16.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.491+/-40.144 χ^2/NDF : 11.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

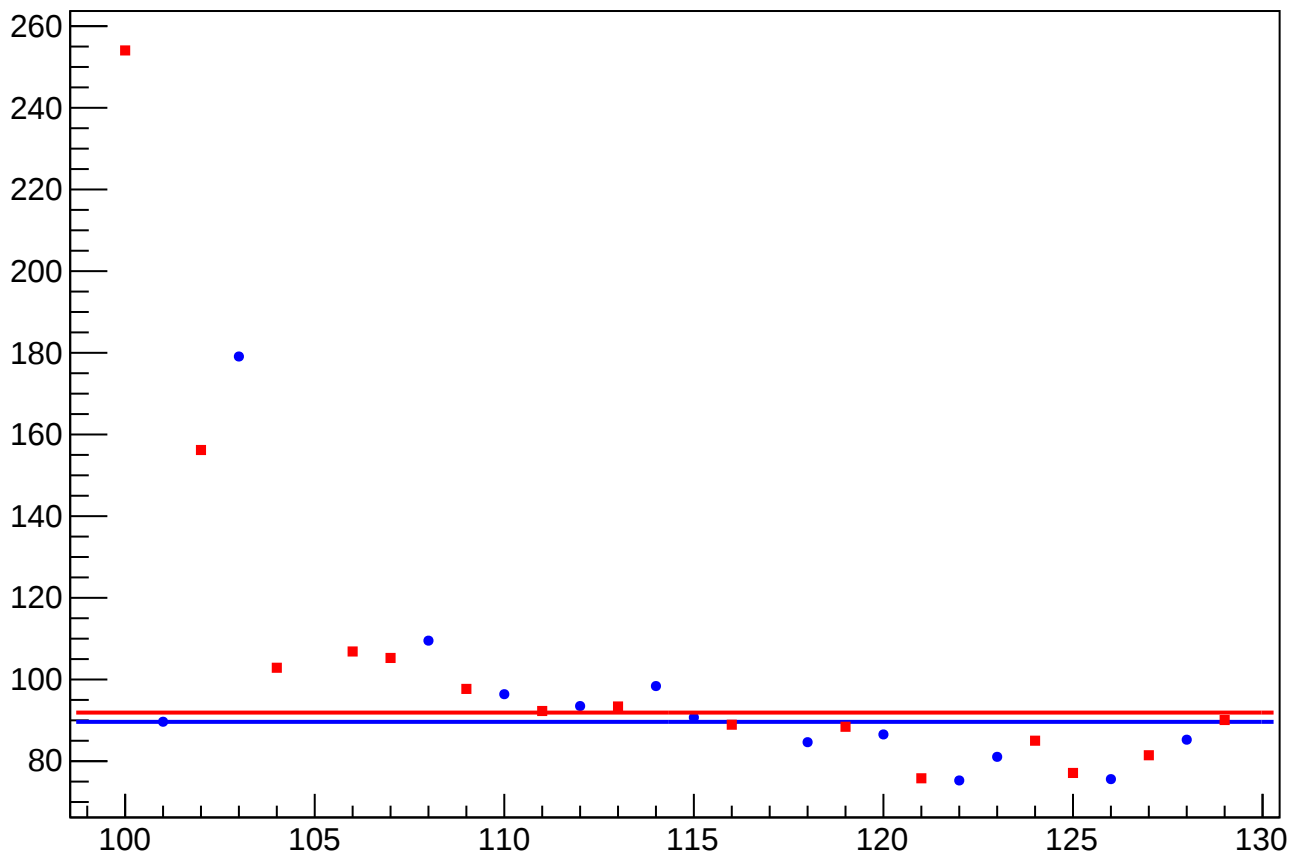
Right: 67.256+/-29.220 χ^2/NDF : 27.9/27

In: 44.457+/-42.611 χ^2/NDF : 16.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.256+/-29.220 χ^2/NDF : 27.9/27

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 89.628+/-0.030 χ^2/NDF : 374931.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.900+/-0.028 χ^2/NDF : 344231.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

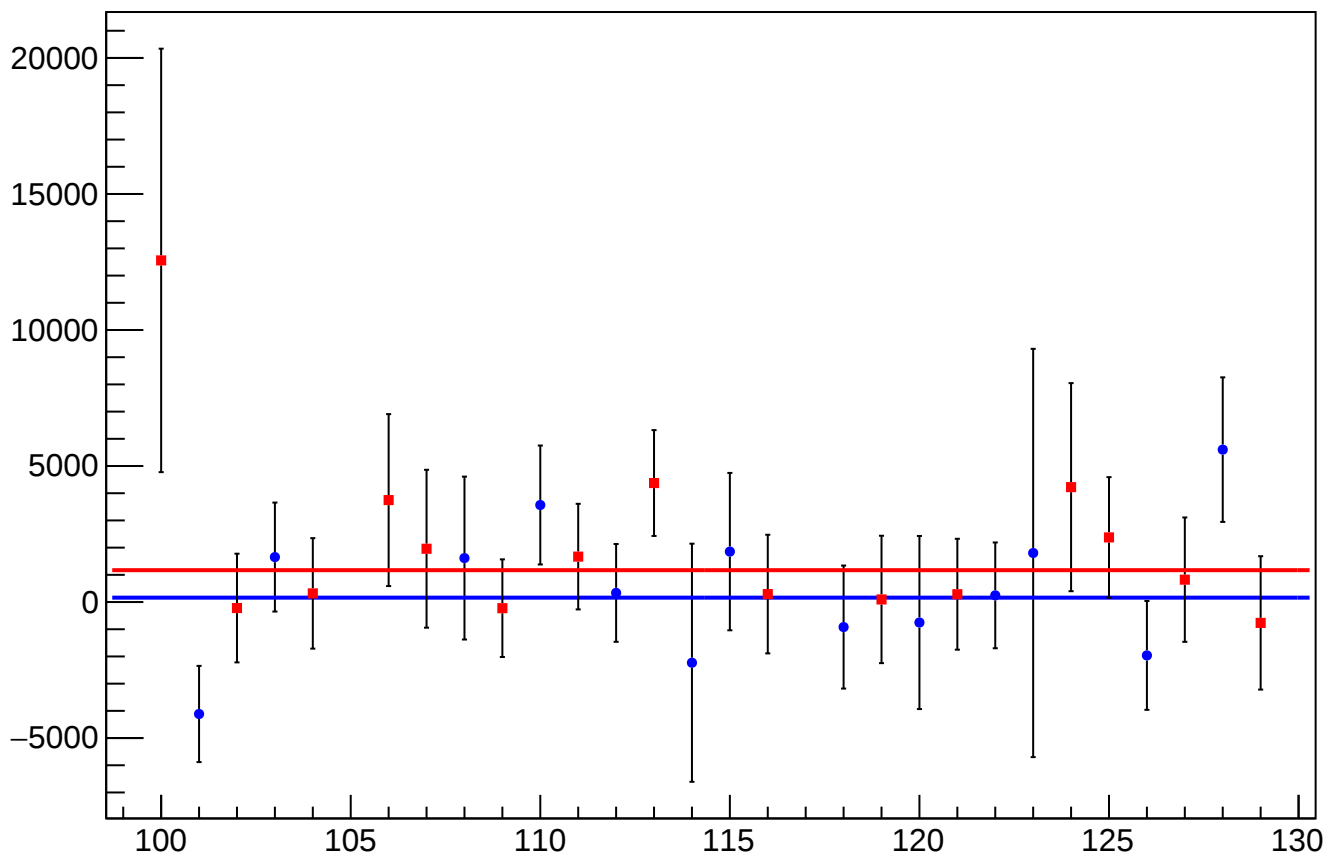
Right: 90.832+/-0.021 χ^2/NDF : 722174.1/27

In: 89.628+/-0.030 χ^2/NDF : 374931.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.832+/-0.021 χ^2/NDF : 722174.1/27

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: 161.571+/-653.849 χ^2/NDF : 15.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1171.323+/-594.232 χ^2/NDF : 9.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

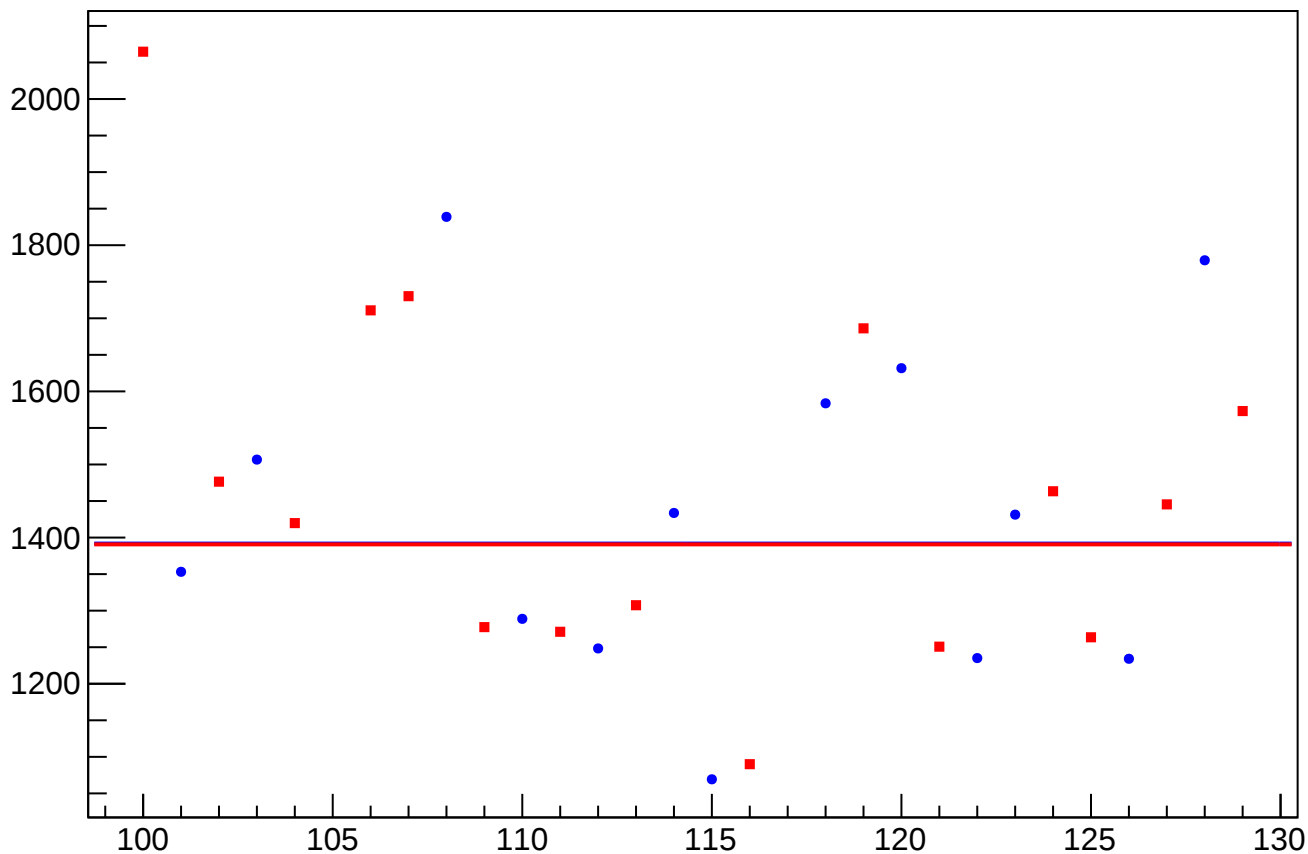
Right: 714.570+/-439.755 χ^2/NDF : 25.8/27

In: 161.571+/-653.849 χ^2/NDF : 15.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 714.570+/-439.755 χ^2/NDF : 25.8/27

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1391.759+/-0.462 χ^2/NDF : 188120.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1390.707+/-0.420 χ^2/NDF : 185077.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

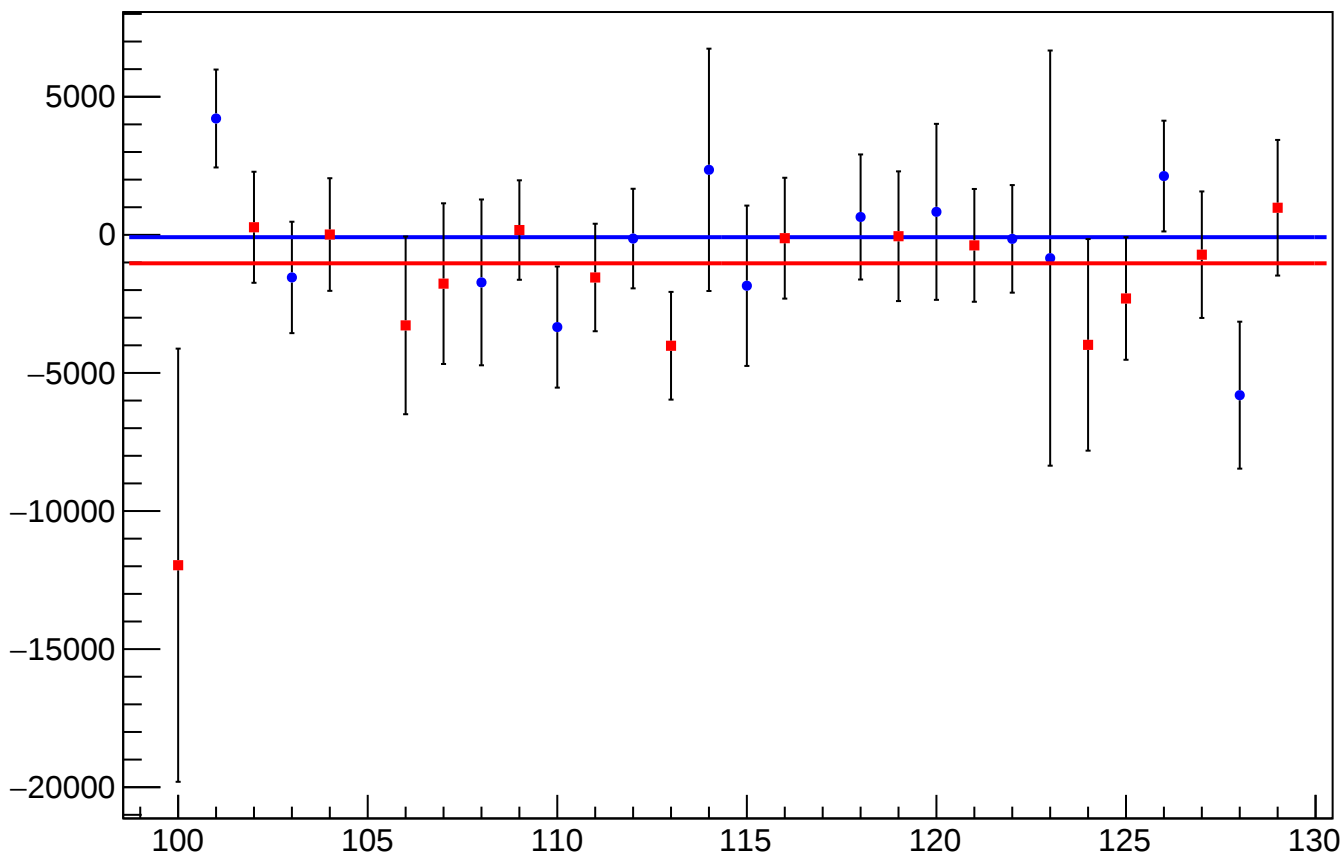
Right: 1391.183+/-0.311 χ^2/NDF : 373200.7/27

In: 1391.759+/-0.462 χ^2/NDF : 188120.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1391.183+/-0.311 χ^2/NDF : 373200.7/27

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: -84.274+/-655.702 χ^2/NDF : 15.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1030.368+/-596.365 χ^2/NDF : 8.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

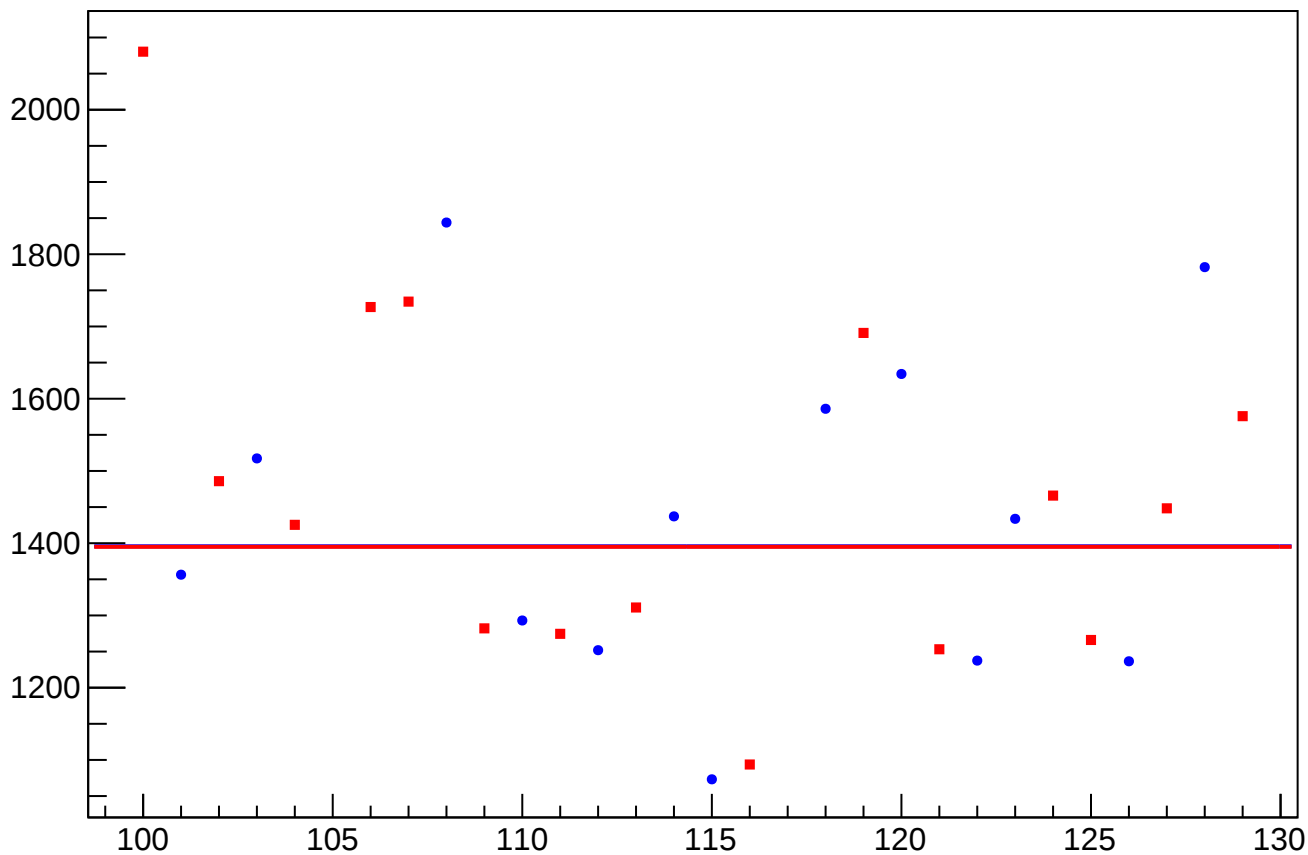
Right: -602.057+/-441.183 χ^2/NDF : 24.9/27

In: -84.274+/-655.702 χ^2/NDF : 15.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -602.057+/-441.183 χ^2/NDF : 24.9/27

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1395.721+/-0.464 χ^2/NDF : 188176.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1394.994+/-0.422 χ^2/NDF : 186278.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

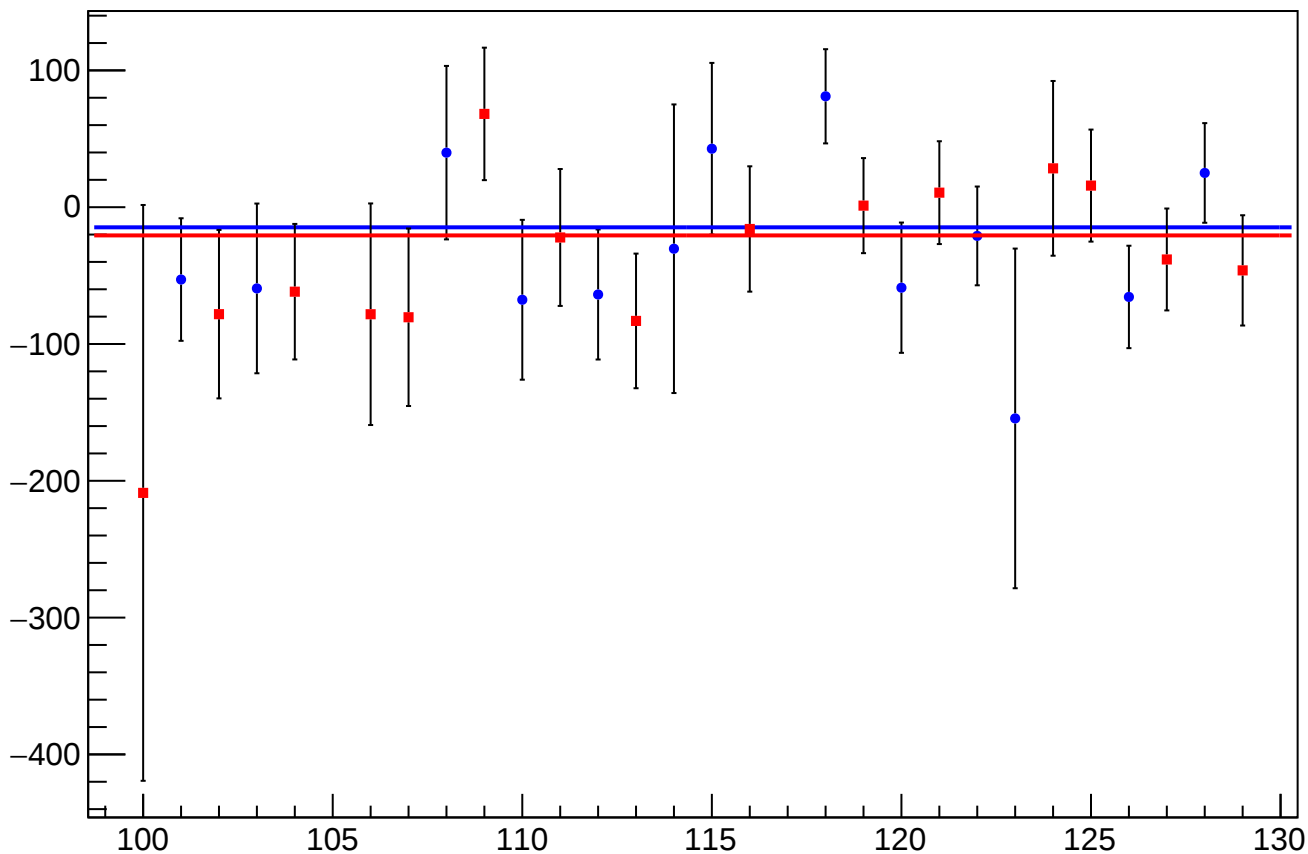
Right: 1395.323+/-0.312 χ^2/NDF : 374456.6/27

In: 1395.721+/-0.464 χ^2/NDF : 188176.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1395.323+/-0.312 χ^2/NDF : 374456.6/27

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -14.714 ± 13.279 χ^2/NDF : 17.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -20.625 ± 12.390 χ^2/NDF : 11.8/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

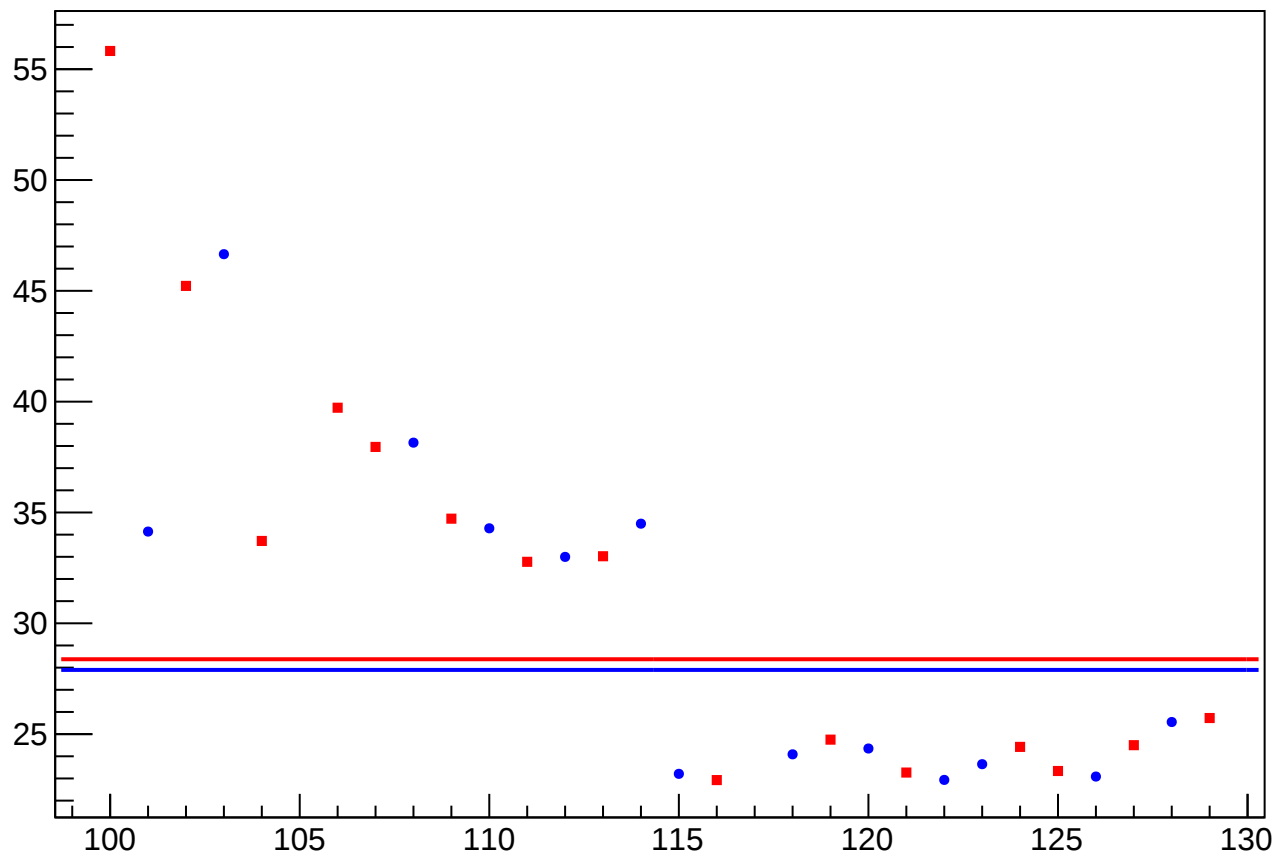
Right: -17.874 ± 9.059 χ^2/NDF : 29.6/27

In: -14.714 ± 13.279 χ^2/NDF : 17.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -17.874 ± 9.059 χ^2/NDF : 29.6/27

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 27.897+/-0.009 χ^2/NDF : 456973.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 28.379+/-0.009 χ^2/NDF : 512841.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

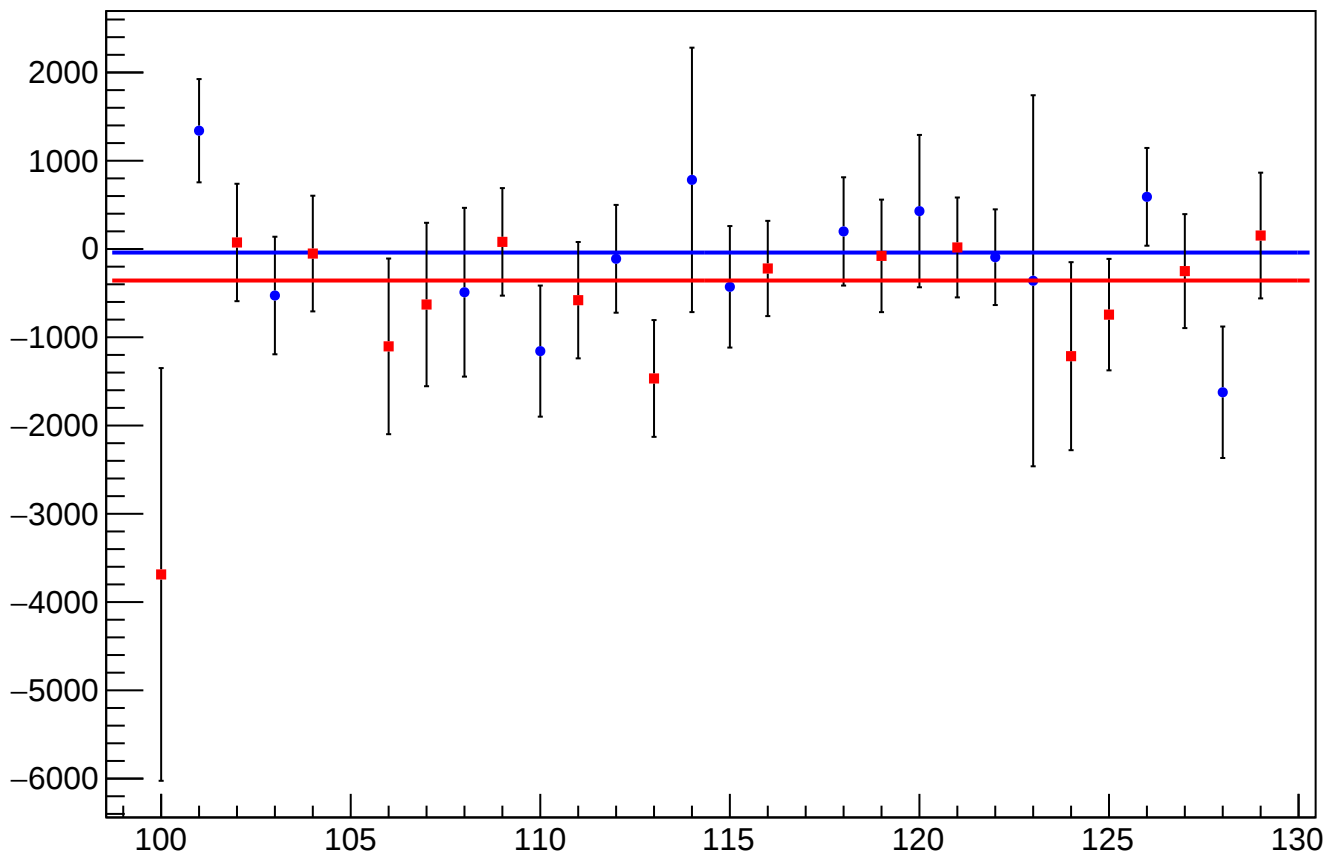
Right: 28.155+/-0.006 χ^2/NDF : 971219.4/27

In: 27.897+/-0.009 χ^2/NDF :456973.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 28.155+/-0.006 χ^2/NDF : 971219.4/27

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: -40.260 ± 196.057 χ^2/NDF : 15.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -357.075 ± 179.570 χ^2/NDF : 9.0/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

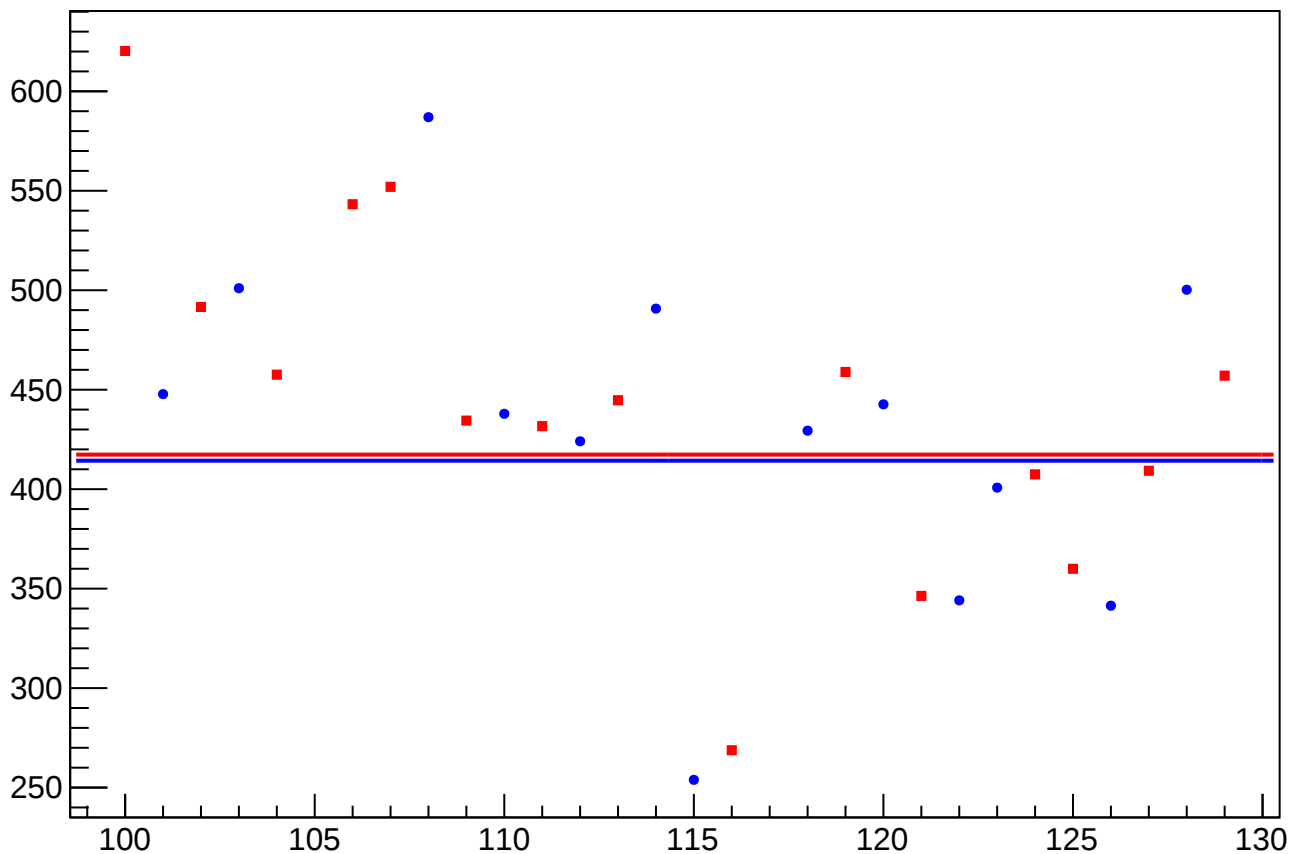
Right: -212.546 ± 132.421 χ^2/NDF : 25.9/27

In: -40.260 ± 196.057 χ^2/NDF : 15.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -212.546 ± 132.421 χ^2/NDF : 25.9/27

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 414.320+/-0.139 χ^2/NDF : 320326.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 417.377+/-0.127 χ^2/NDF : 342682.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

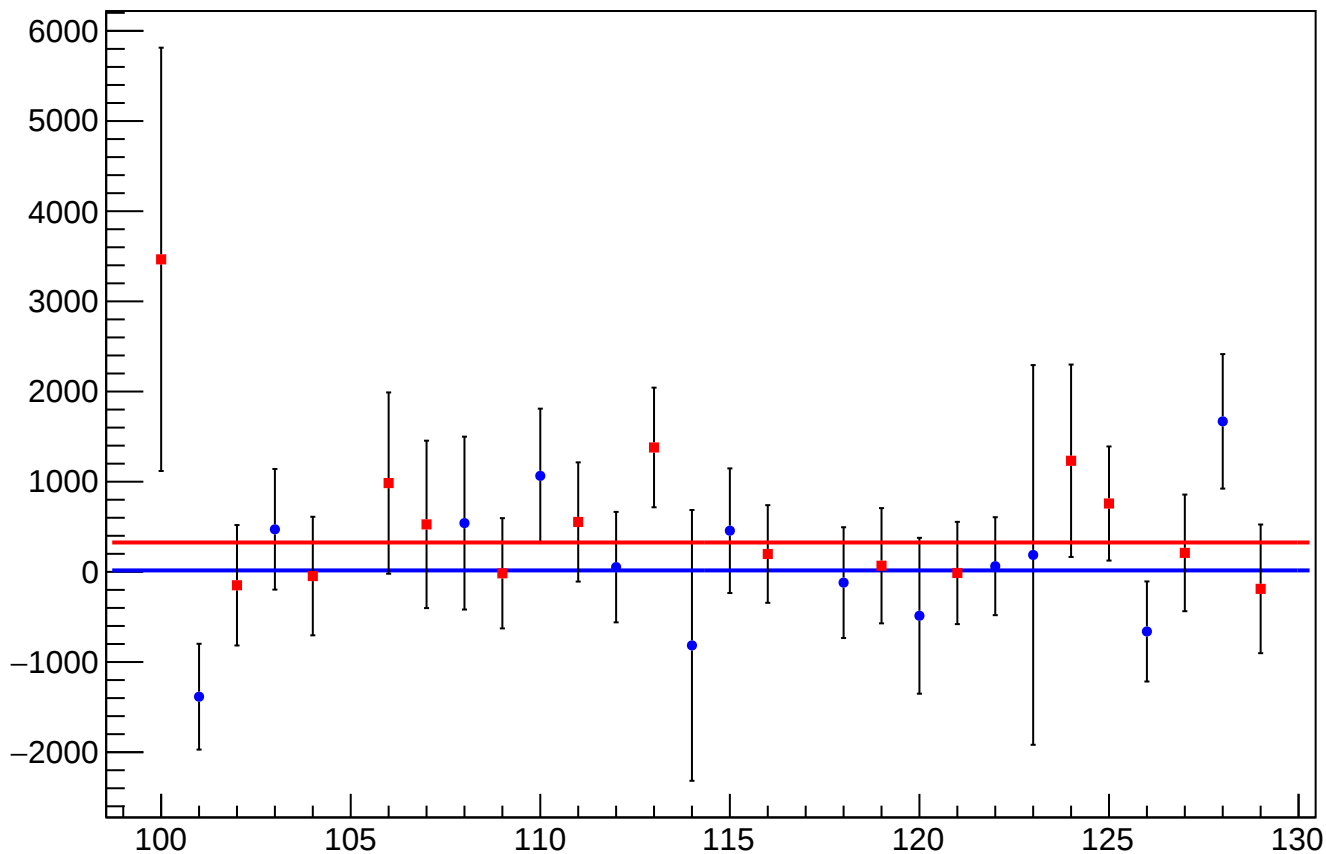
Right: 415.982+/-0.094 χ^2/NDF : 663273.9/27

In: 414.320+/-0.139 χ^2/NDF : 320326.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 415.982+/-0.094 χ^2/NDF : 663273.9/27

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 16.073+/-196.591 χ^2/NDF : 16.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 325.905+/-180.127 χ^2/NDF : 8.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

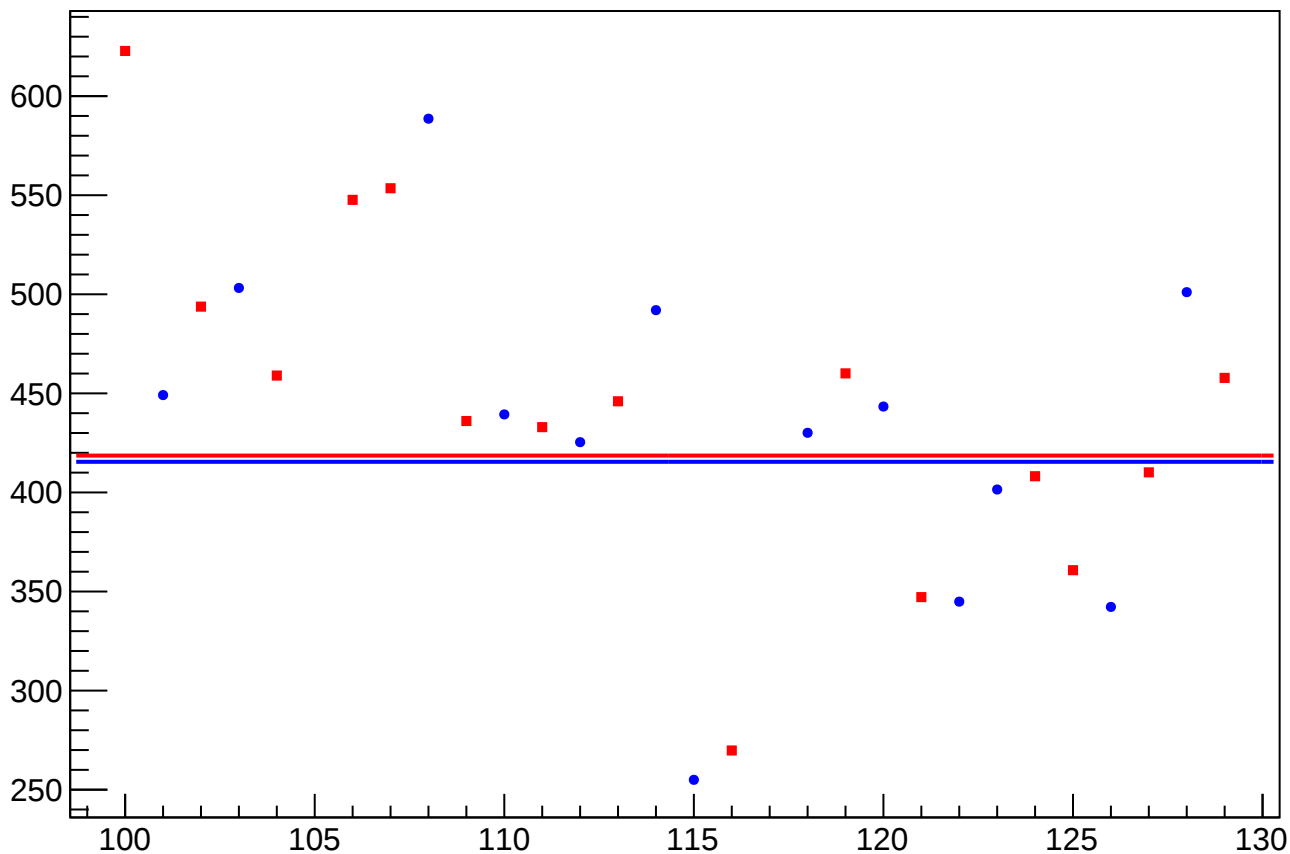
Right: 184.504+/-132.809 χ^2/NDF : 25.7/27

In: 16.073+/-196.591 χ^2/NDF : 16.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.504+/-132.809 χ^2/NDF : 25.7/27

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 415.464+/-0.139 χ^2/NDF : 320032.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 418.609+/-0.127 χ^2/NDF : 343676.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

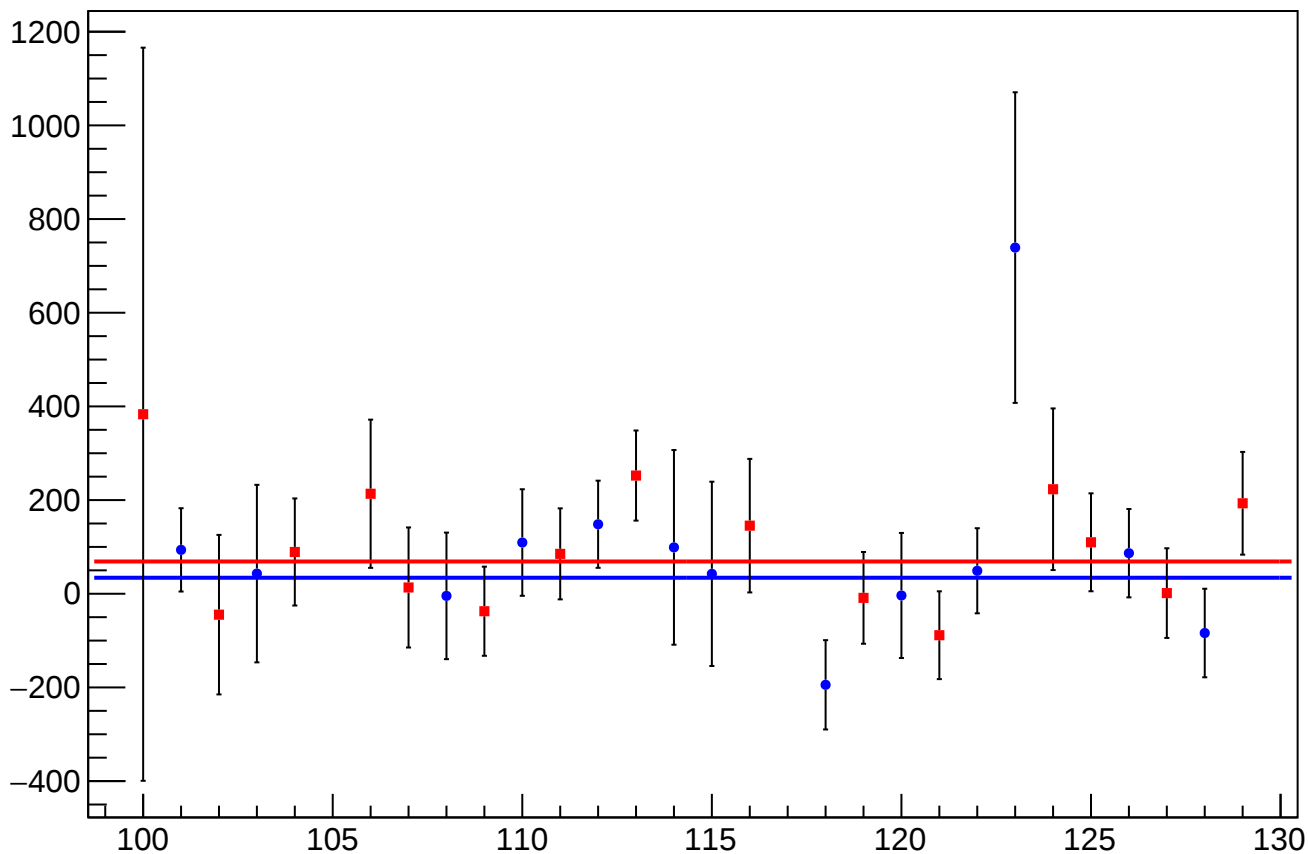
Right: 417.174+/-0.094 χ^2/NDF : 663986.8/27

In: 415.464+/-0.139 χ^2/NDF : 320032.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 417.174+/-0.094 χ^2/NDF : 663986.8/27

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 34.179+/-32.082 χ^2/NDF : 14.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.902+/-29.849 χ^2/NDF : 13.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

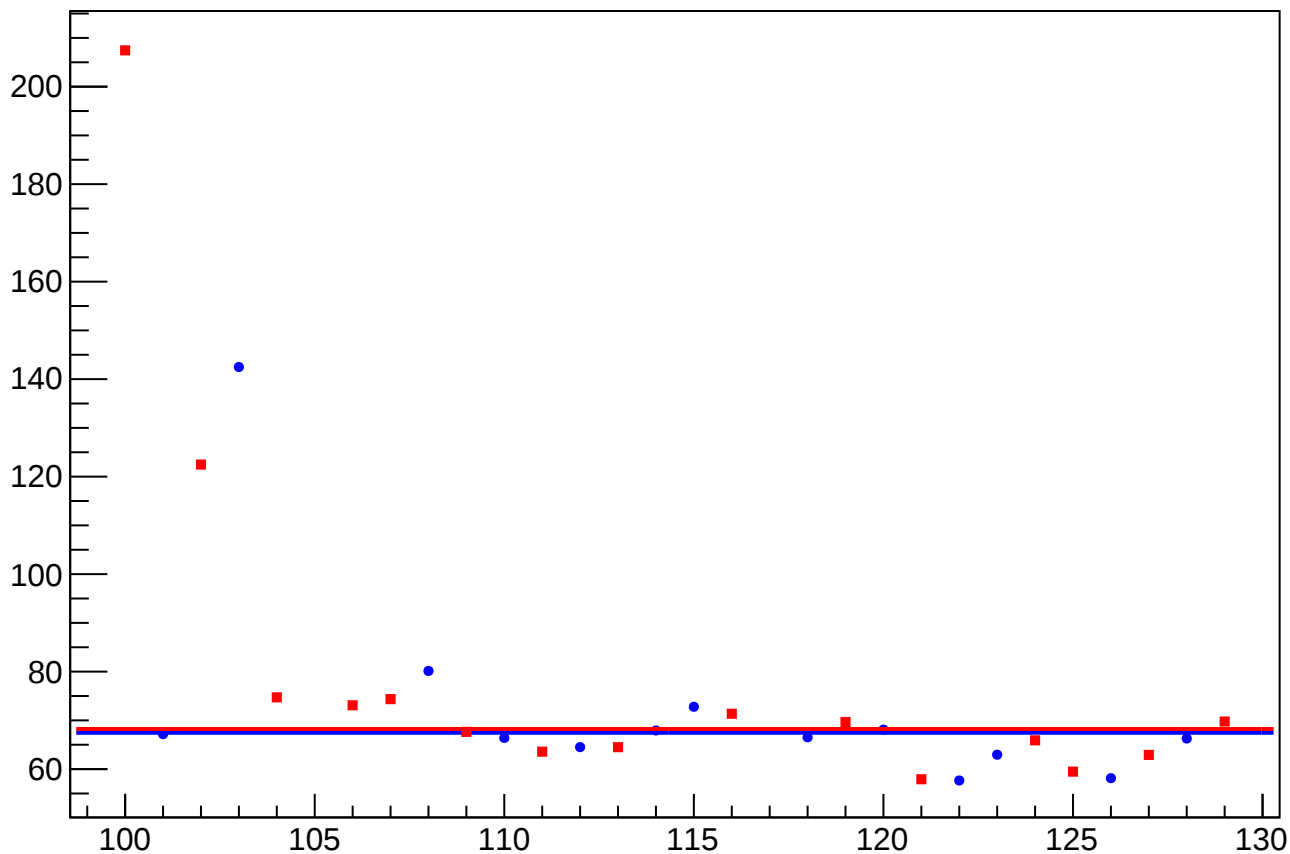
Right: 52.791+/-21.853 χ^2/NDF : 28.5/27

In: 34.179+/-32.082 χ^2/NDF : 14.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.791+/-21.853 χ^2/NDF : 28.5/27

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 67.462+/-0.023 χ^2/NDF : 378529.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.231+/-0.021 χ^2/NDF : 333363.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

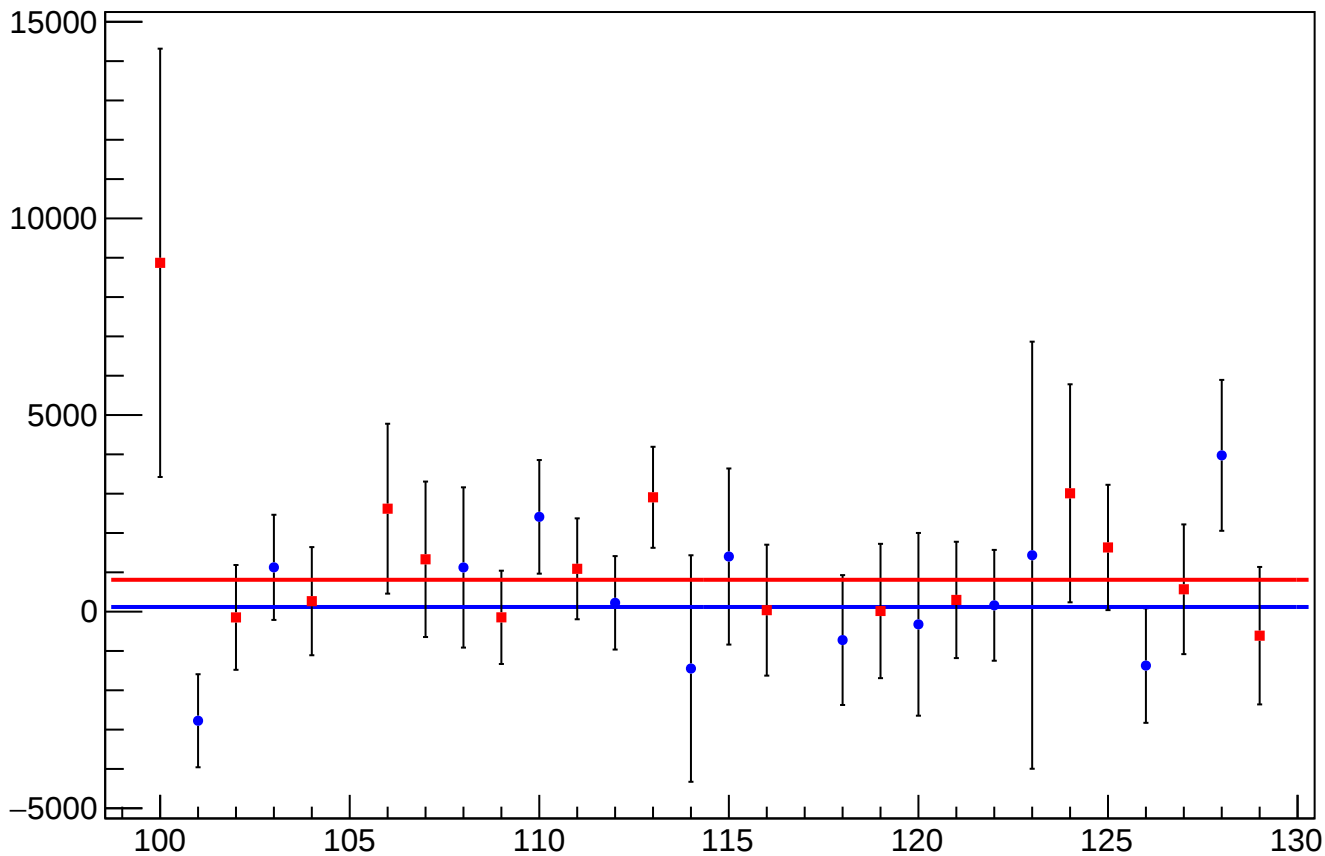
Right: 67.874+/-0.015 χ^2/NDF : 712509.8/27

In: 67.462+/-0.023 χ^2/NDF : 378529.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.874+/-0.015 χ^2/NDF : 712509.8/27

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: 118.538 $\pm$ 453.883 χ^2 /NDF: 15.4/12

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 810.098 $\pm$ -411.727 χ^2 /NDF: 9.1/14

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

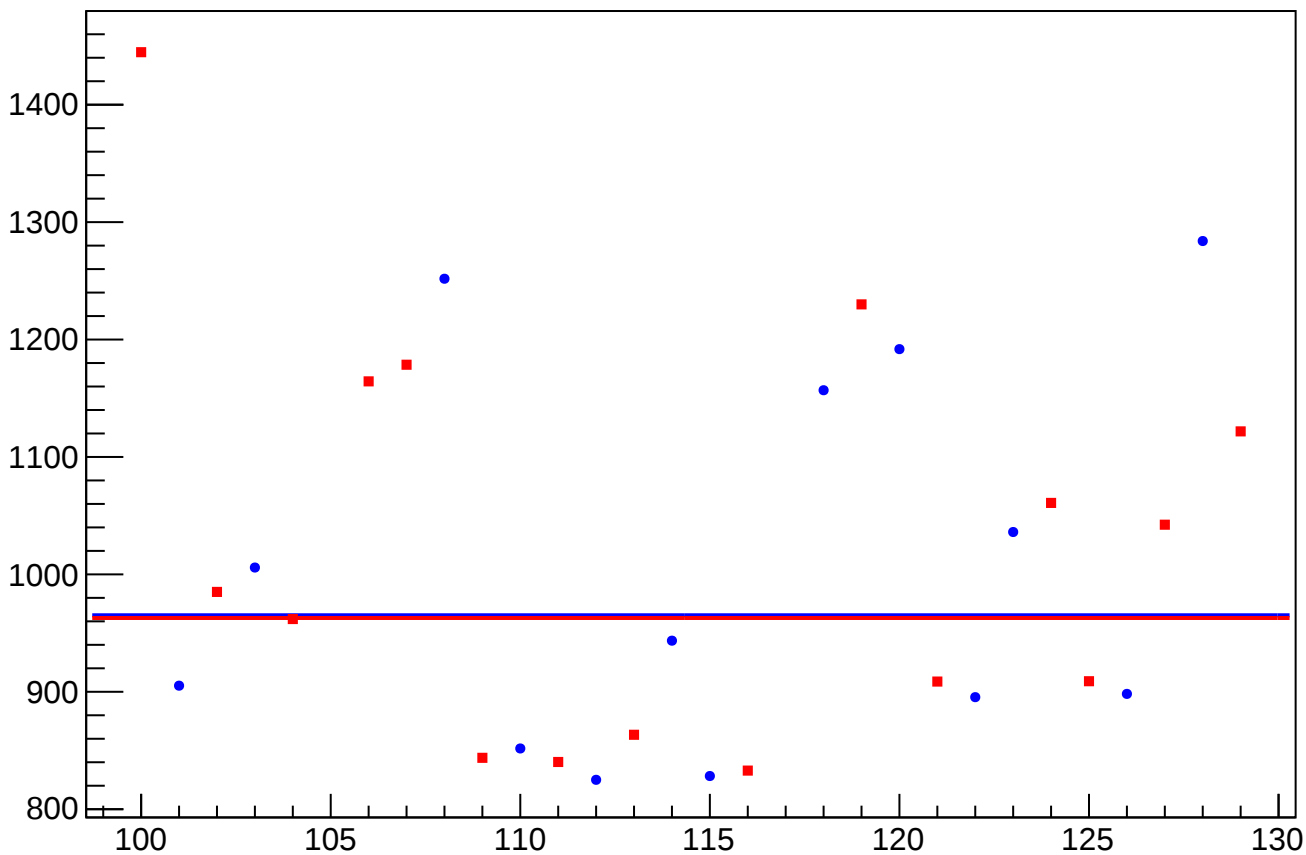
Right: 497.919 $\pm$ -304.952 χ^2 /NDF: 25.8/27

In: 118.538 $\pm$ -453.883 χ^2 /NDF:15.4/12

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 497.919 $\pm$ -304.952 χ^2 /NDF: 25.8/27

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 965.174+/-0.321 χ^2/NDF : 204903.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 962.858+/-0.291 χ^2/NDF : 197586.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

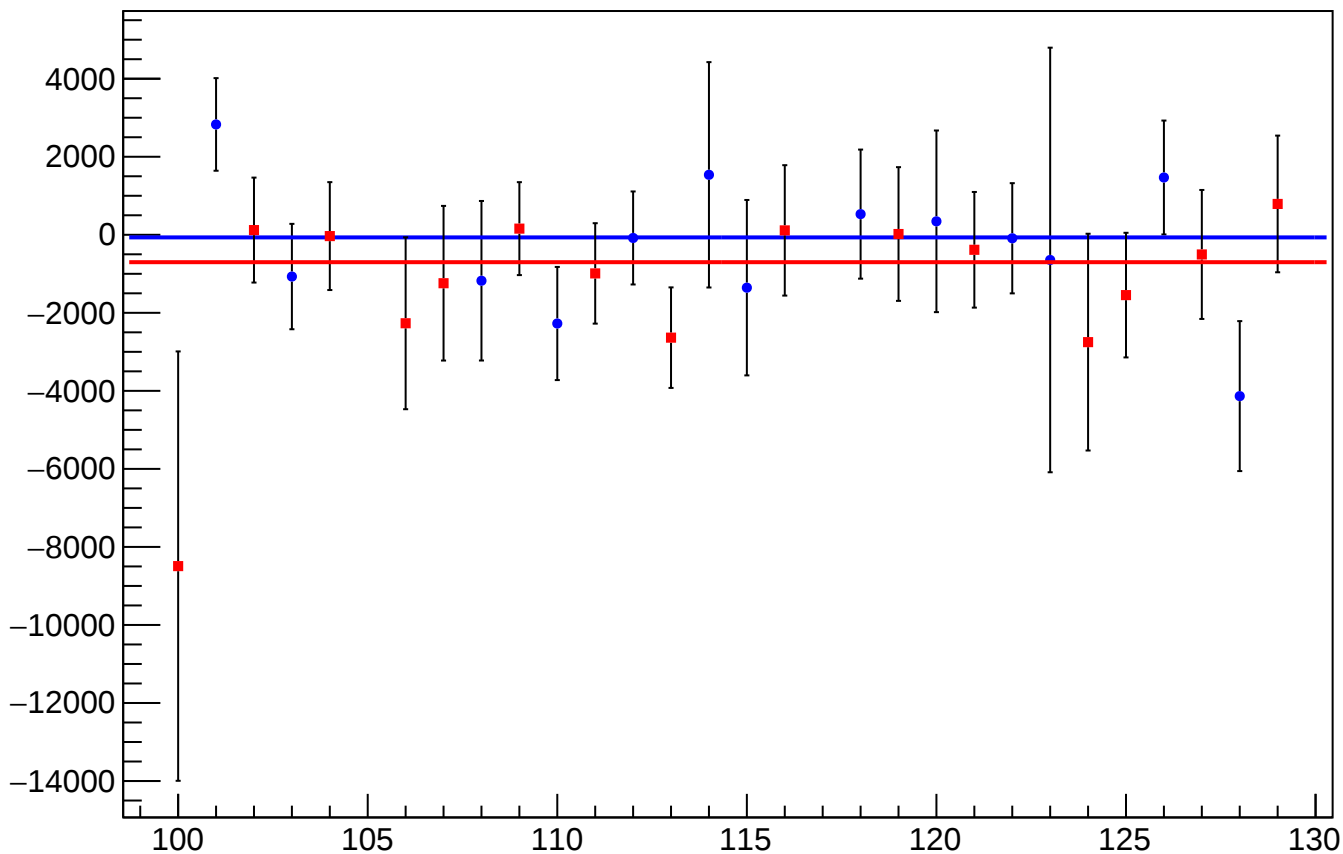
Right: 963.904+/-0.216 χ^2/NDF : 402517.6/27

In: 965.174+/-0.321 χ^2/NDF :204903.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 963.904+/-0.216 χ^2/NDF : 402517.6/27

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: -66.863 ± 455.483 χ^2/NDF : 15.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -702.094 ± 413.511 χ^2/NDF : 8.0/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

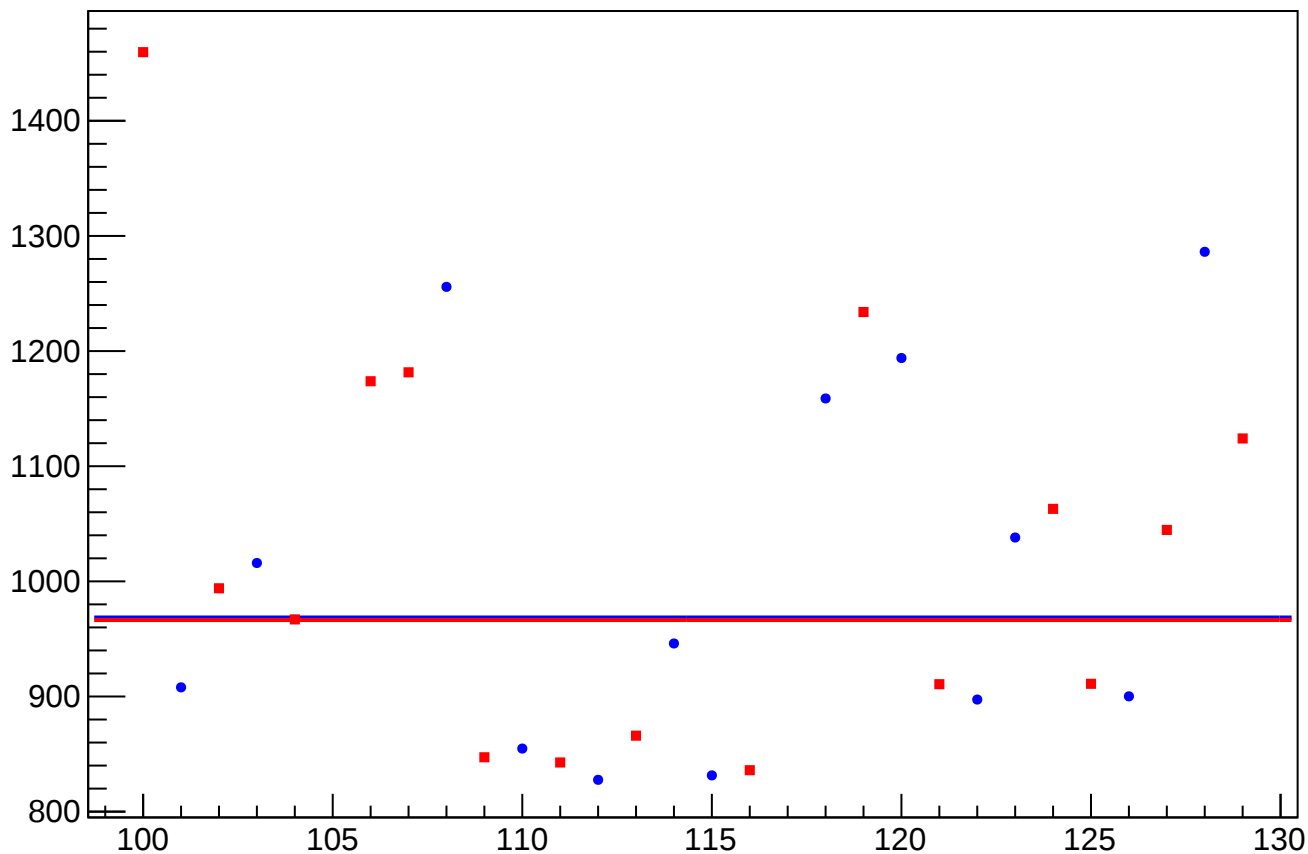
Right: -415.089 ± 306.162 χ^2/NDF : 24.6/27

In: -66.863 ± 455.483 χ^2/NDF : 15.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -415.089 ± 306.162 χ^2/NDF : 24.6/27

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 968.606+/-0.322 χ^2/NDF : 204643.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 966.409+/-0.292 χ^2/NDF : 198134.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

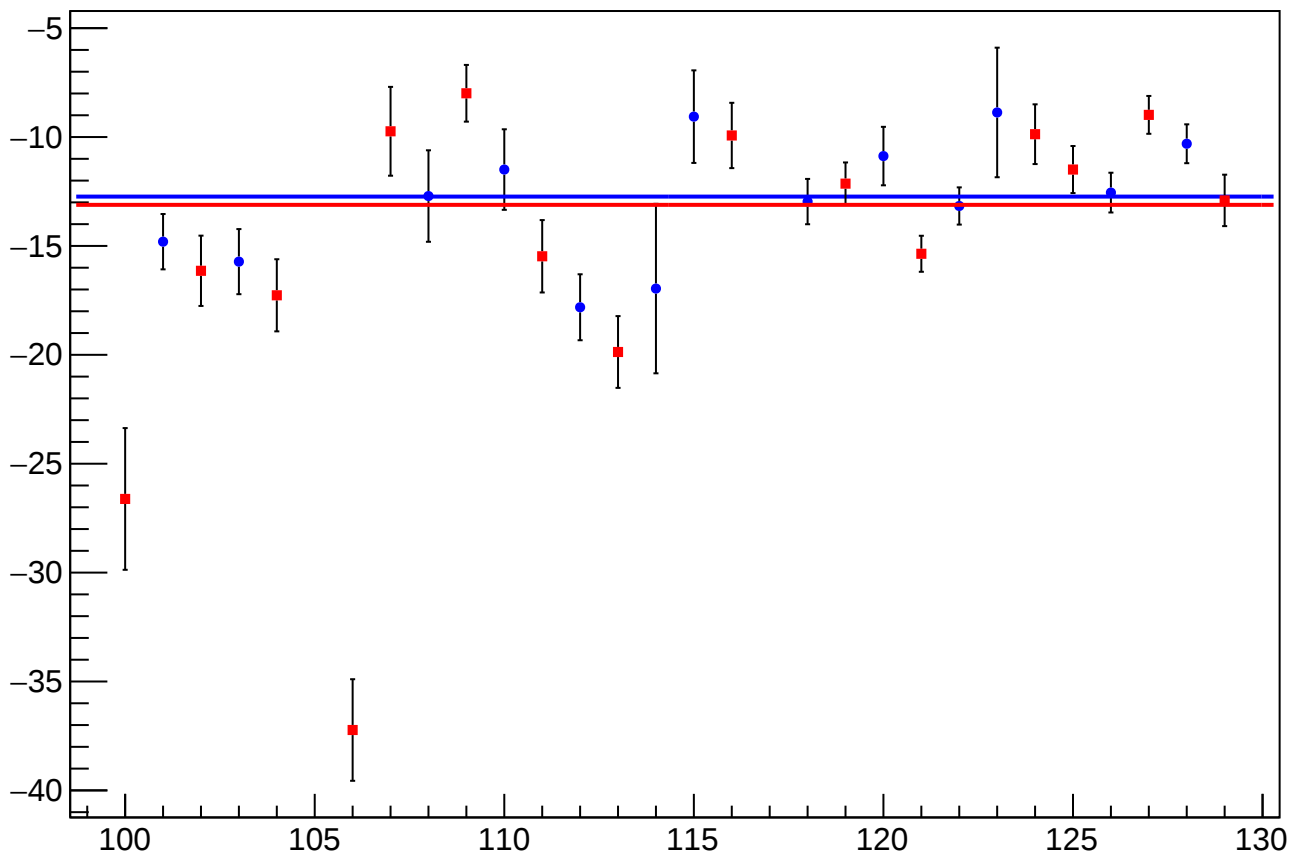
Right: 967.402+/-0.216 χ^2/NDF : 402803.4/27

In: 968.606+/-0.322 χ^2/NDF : 204643.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 967.402+/-0.216 χ^2/NDF : 402803.4/27

reg_asym_sam1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -12.734 ± 0.360 χ^2/NDF : 33.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -13.114 ± 0.334 χ^2/NDF : 214.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

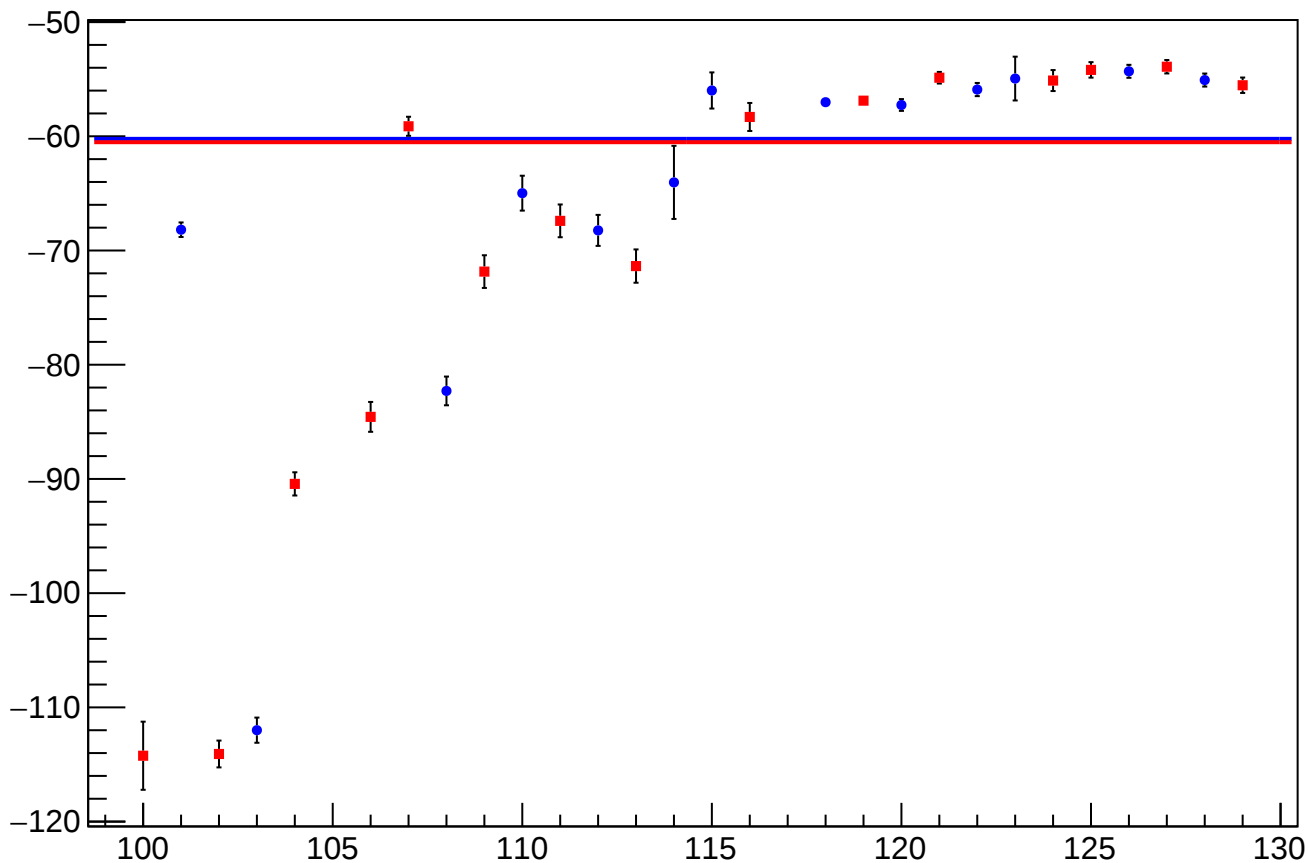
Right: -12.938 ± 0.245 χ^2/NDF : 248.8/27

In: -12.734 ± 0.360 χ^2/NDF : 33.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.938 ± 0.245 χ^2/NDF : 248.8/27

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -60.225+/-0.199 χ^2/NDF : 3079.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -60.517+/-0.198 χ^2/NDF : 4280.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

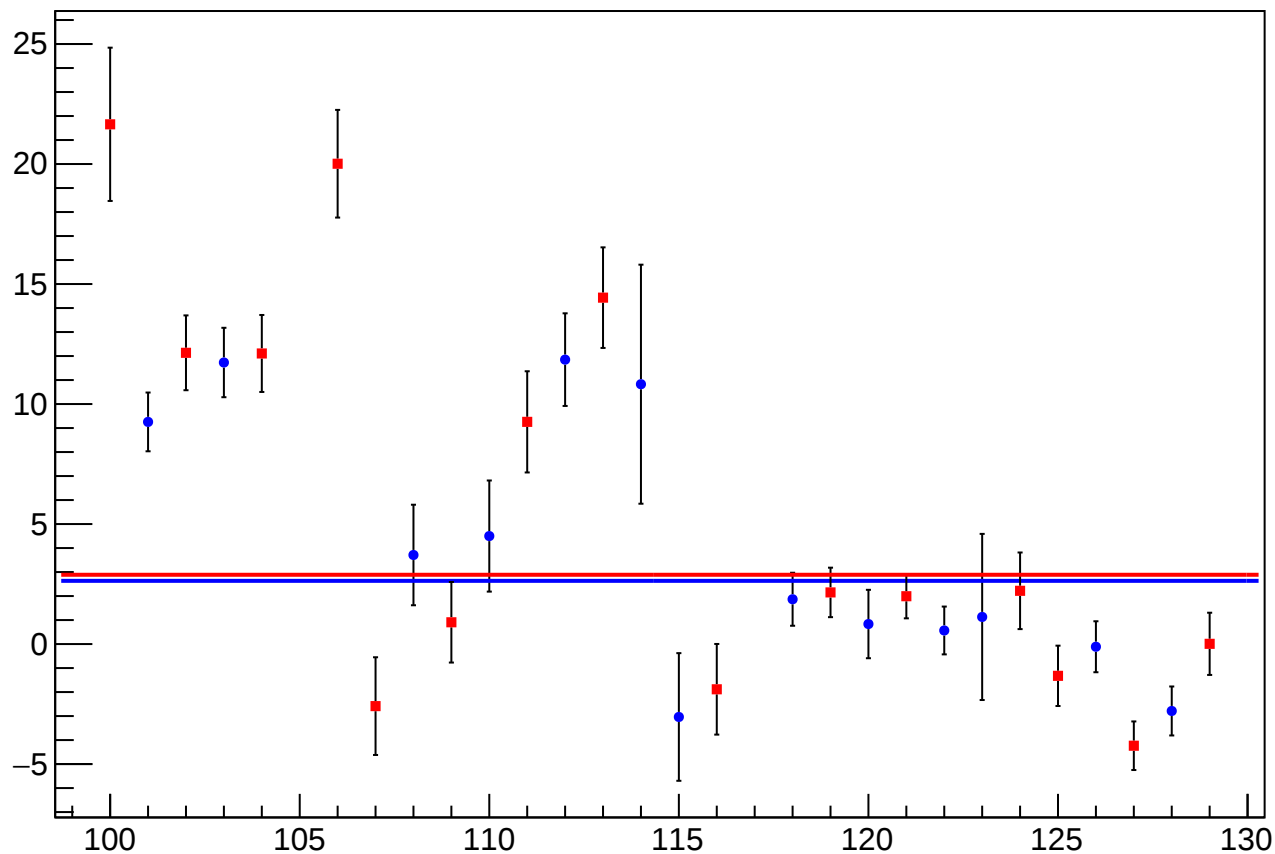
Right: -60.372+/-0.140 χ^2/NDF : 7360.7/27

In: -60.225+/-0.199 χ^2/NDF : 3079.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -60.372+/-0.140 χ^2/NDF : 7360.7/27

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.634+/-0.400 χ^2/NDF : 141.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.887+/-0.374 χ^2/NDF : 282.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

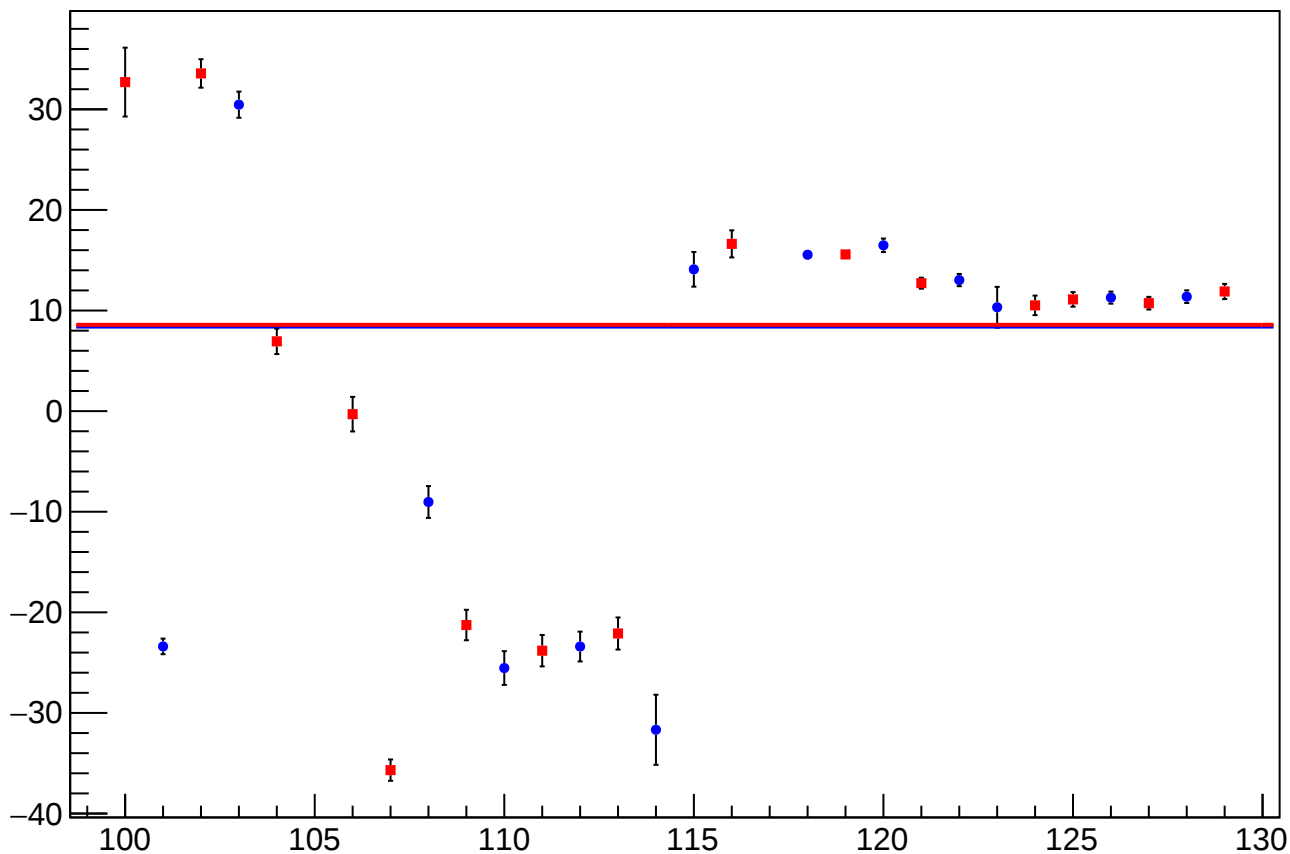
Right: 2.769+/-0.273 χ^2/NDF : 424.4/27

In: 2.634+/-0.400 χ^2/NDF : 141.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.769+/-0.273 χ^2/NDF : 424.4/27

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.406 $\pm$ 0.234 χ^2 /NDF: 3554.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 8.580 $\pm$ 0.228 χ^2 /NDF: 3680.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

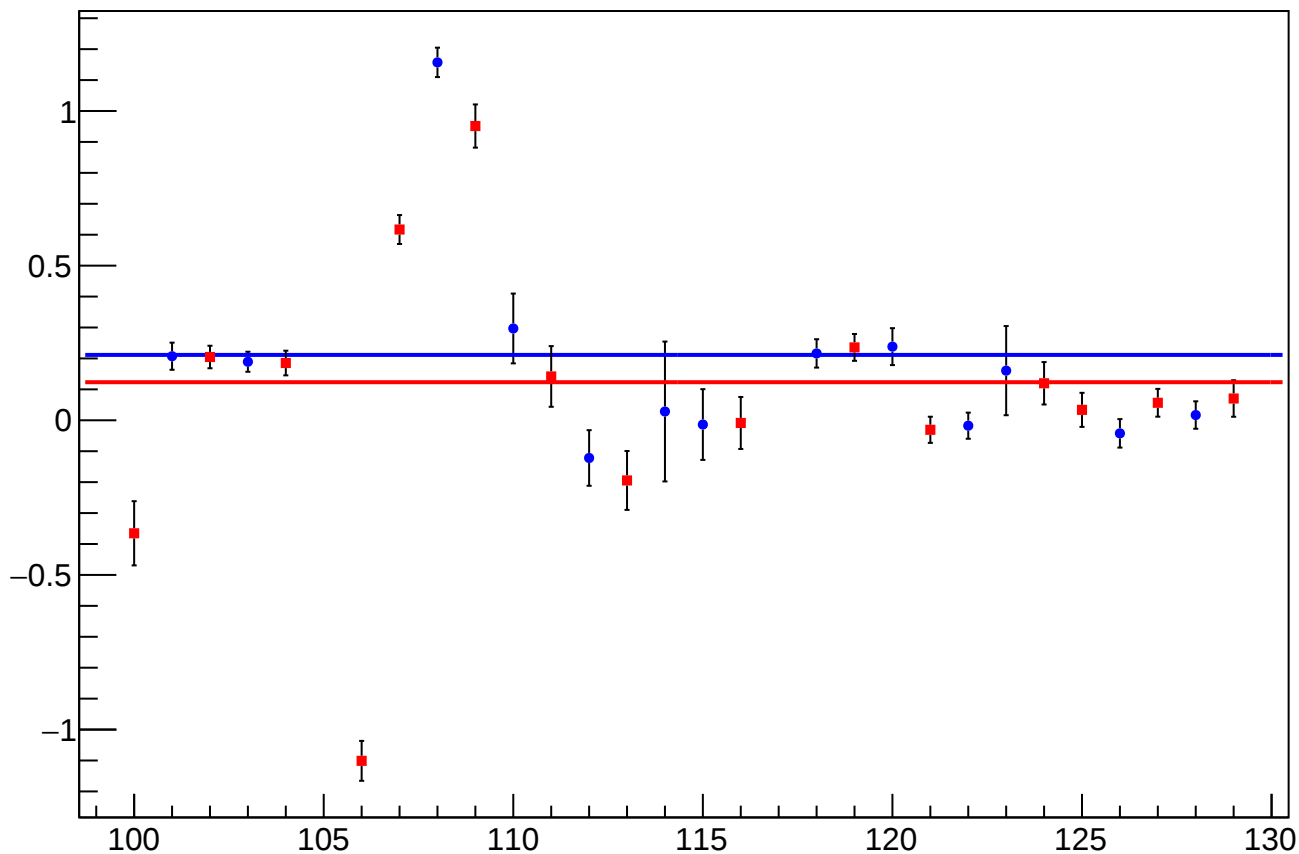
Right: 8.496 $\pm$ 0.163 χ^2 /NDF: 7234.8/27

In: 8.406 $\pm$ 0.234 χ^2 /NDF:3554.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 8.496 $\pm$ 0.163 χ^2 /NDF: 7234.8/27

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.211+/-0.015 χ^2/NDF : 493.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.123+/-0.014 χ^2/NDF : 680.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

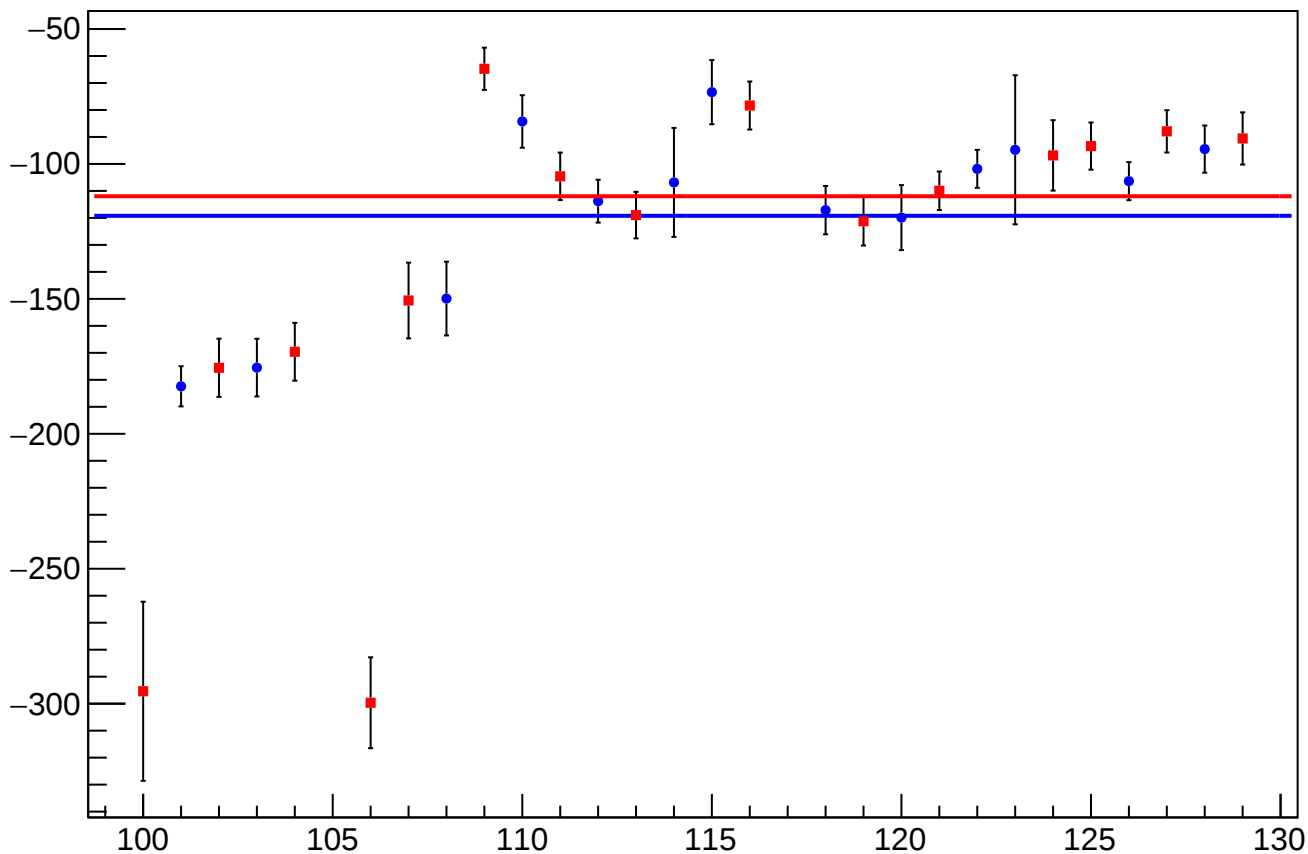
Right: 0.165+/-0.010 χ^2/NDF : 1193.4/27

In: 0.211+/-0.015 χ^2/NDF : 493.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.165+/-0.010 χ^2/NDF : 1193.4/27

reg_asym_sam2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -119.218+/-2.653 χ^2/NDF : 151.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -111.974+/-2.499 χ^2/NDF : 299.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

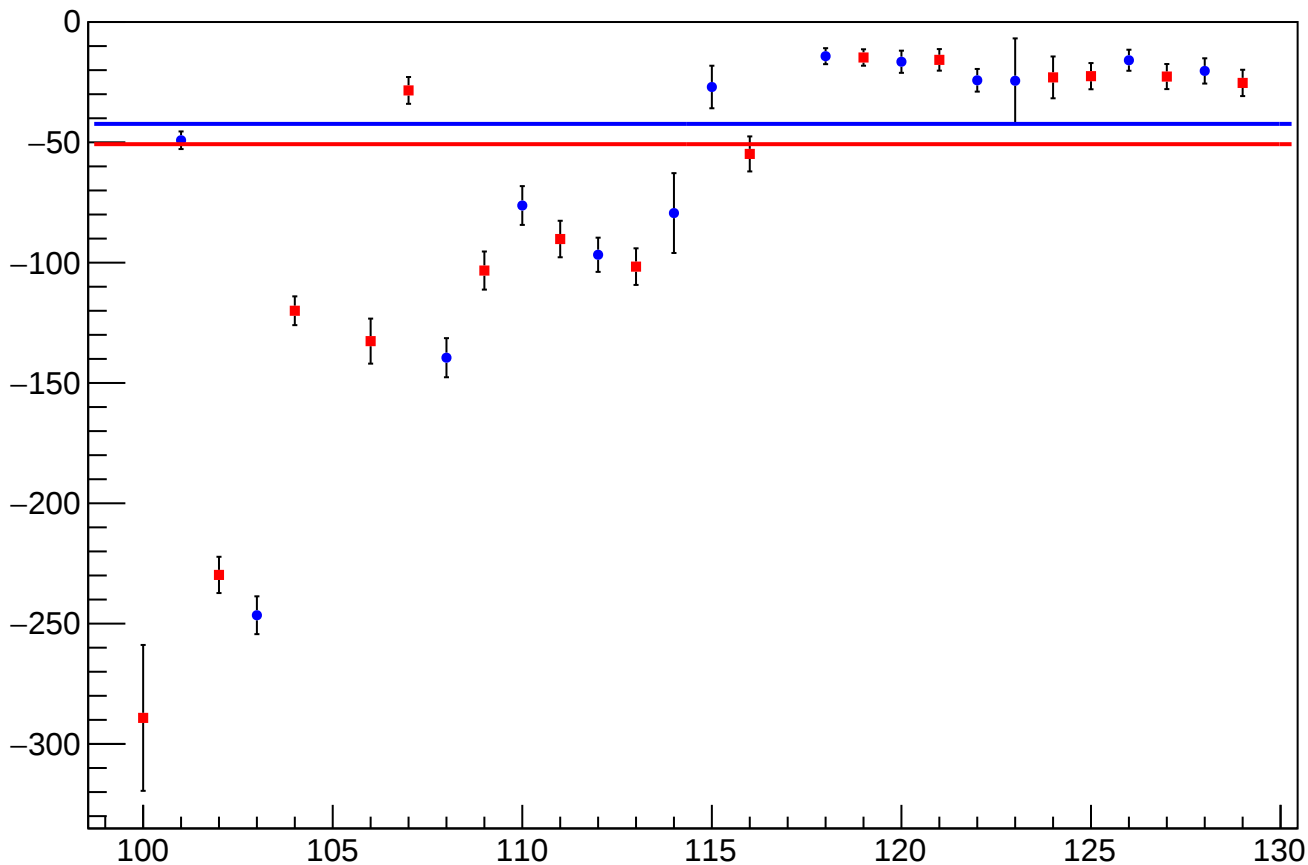
Right: -115.380+/-1.819 χ^2/NDF : 455.0/27

In: -119.218+/-2.653 χ^2/NDF : 151.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -115.380+/-1.819 χ^2/NDF : 455.0/27

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.335+/-1.521 χ^2/NDF : 1078.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -50.765+/-1.557 χ^2/NDF : 1229.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

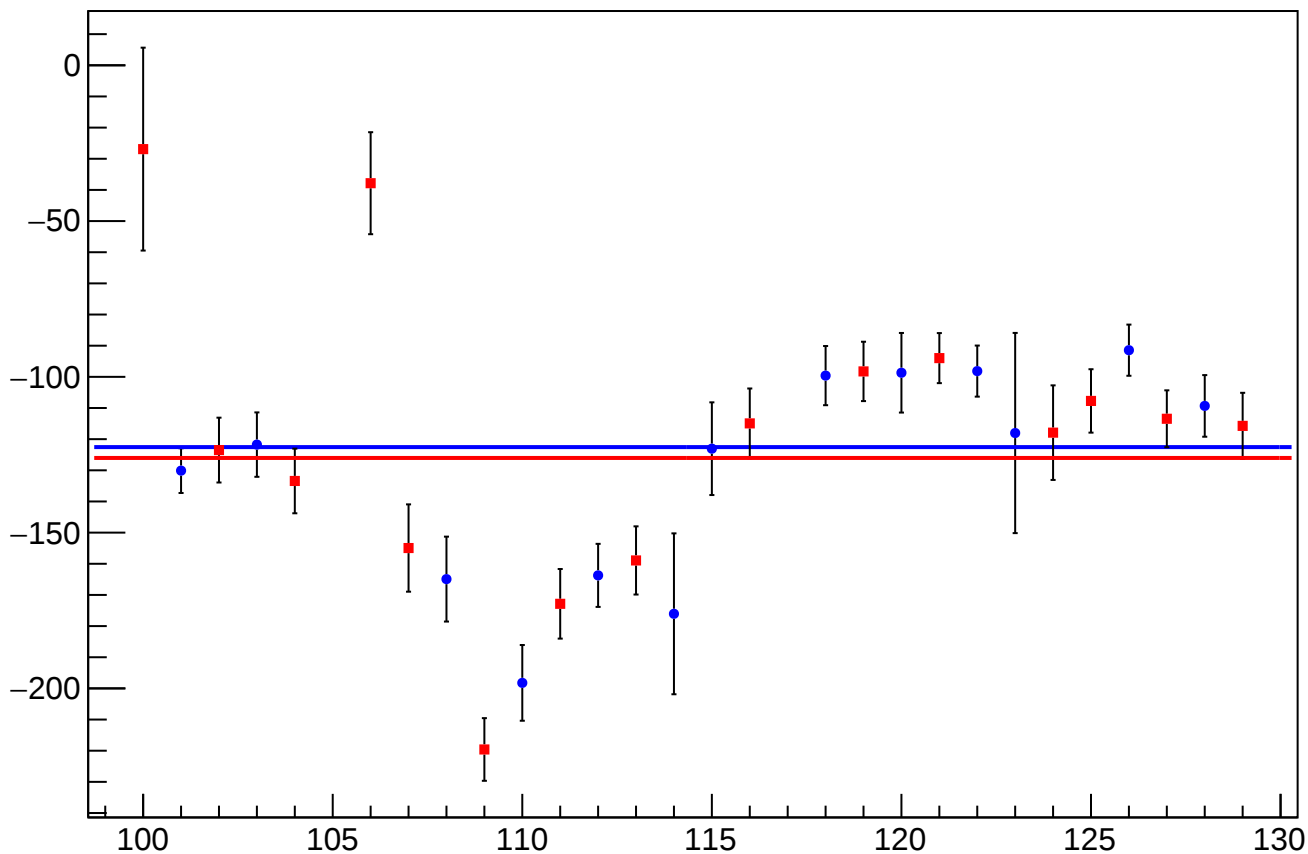
Right: -46.452+/-1.088 χ^2/NDF : 2322.6/27

In: -42.335+/-1.521 χ^2/NDF : 1078.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -46.452+/-1.088 χ^2/NDF : 2322.6/27

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -122.548+/-2.951 χ^2/NDF : 104.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -126.032+/-2.841 χ^2/NDF : 188.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

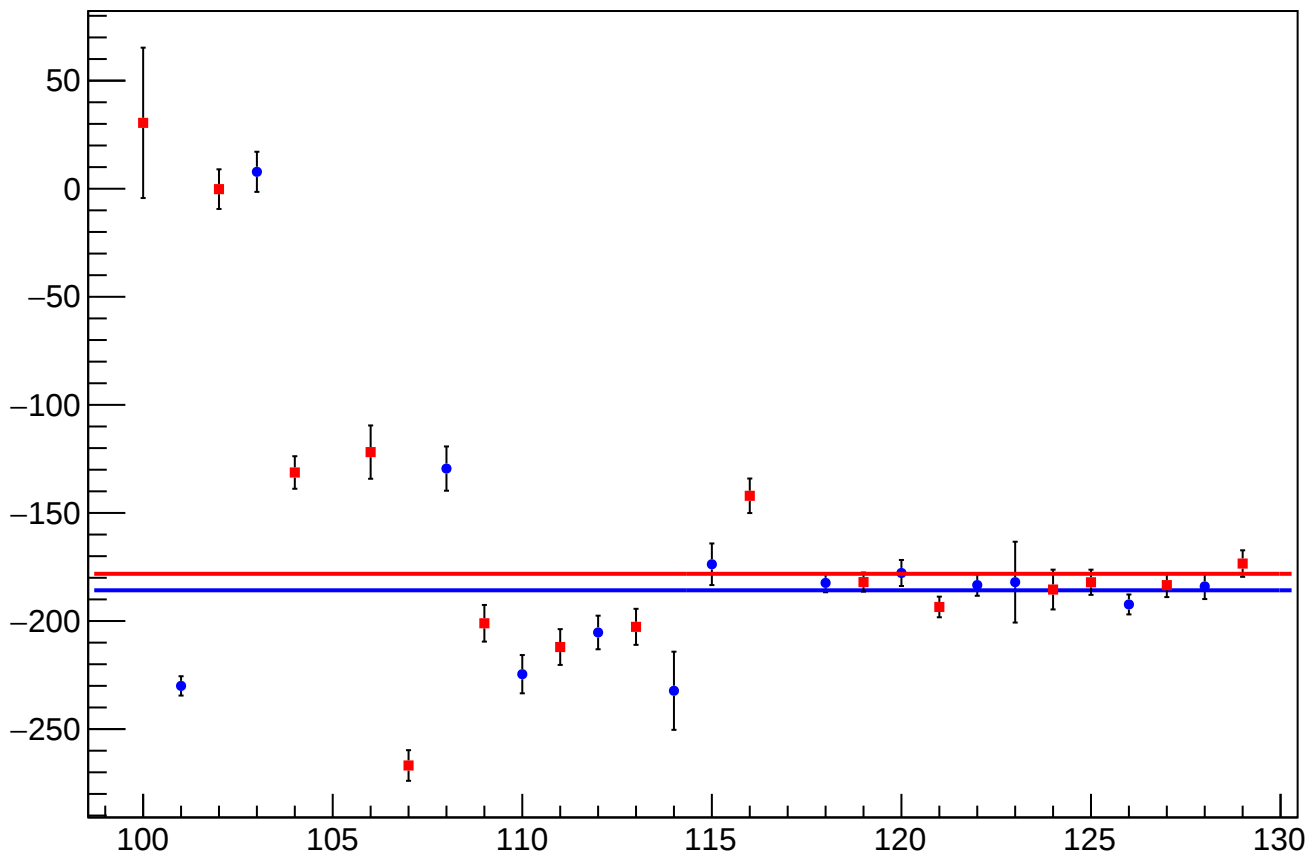
Right: -124.356+/-2.047 χ^2/NDF : 293.5/27

In: -122.548+/-2.951 χ^2/NDF : 104.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -124.356+/-2.047 χ^2/NDF : 293.5/27

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -185.792+/-1.783 χ^2 /NDF: 601.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -178.157+/-1.792 χ^2 /NDF: 695.2/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

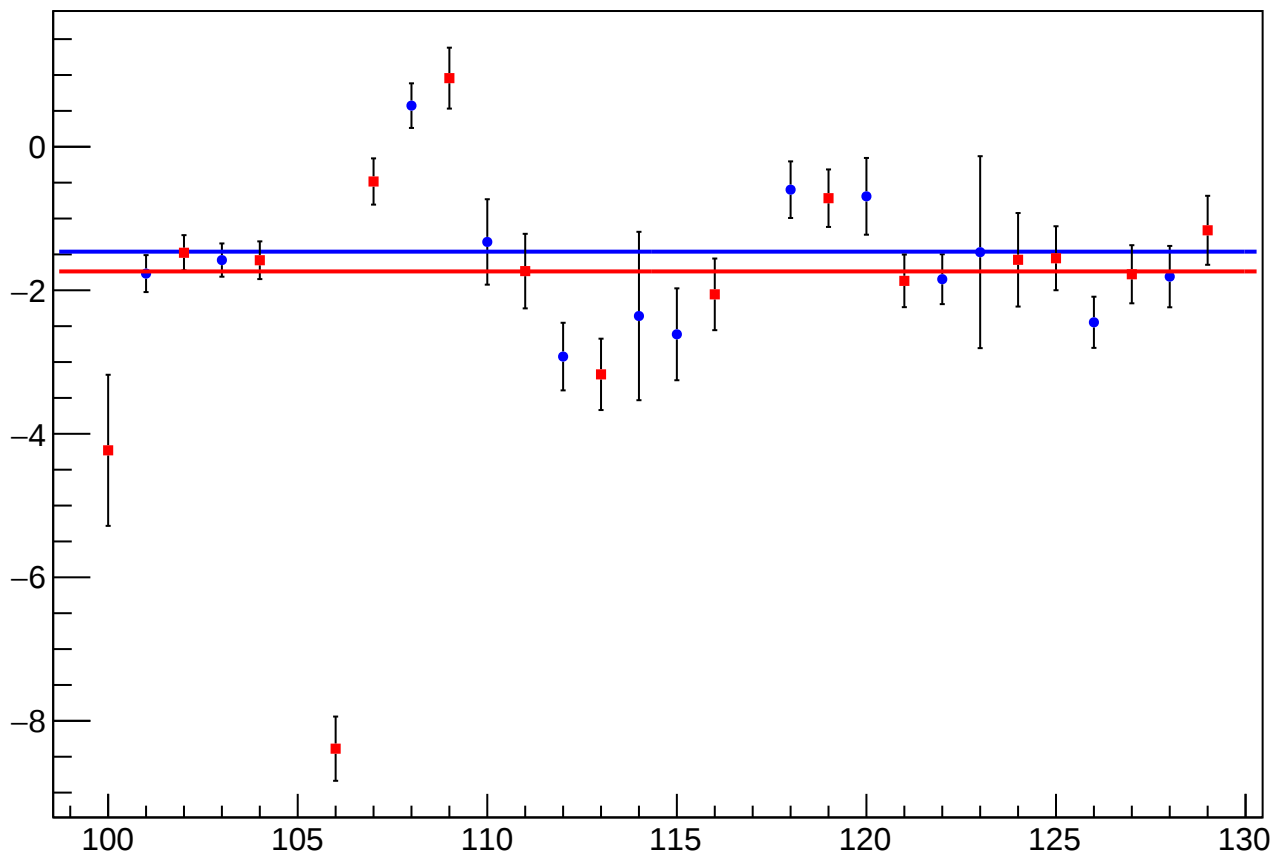
Right: -181.995+/-1.264 χ^2 /NDF: 1306.0/27

In: -185.792+/-1.783 χ^2 /NDF:601.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -181.995+/-1.264 χ^2 /NDF: 1306.0/27

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.462 ± 0.107 χ^2/NDF : 74.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.737 ± 0.102 χ^2/NDF : 300.3/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

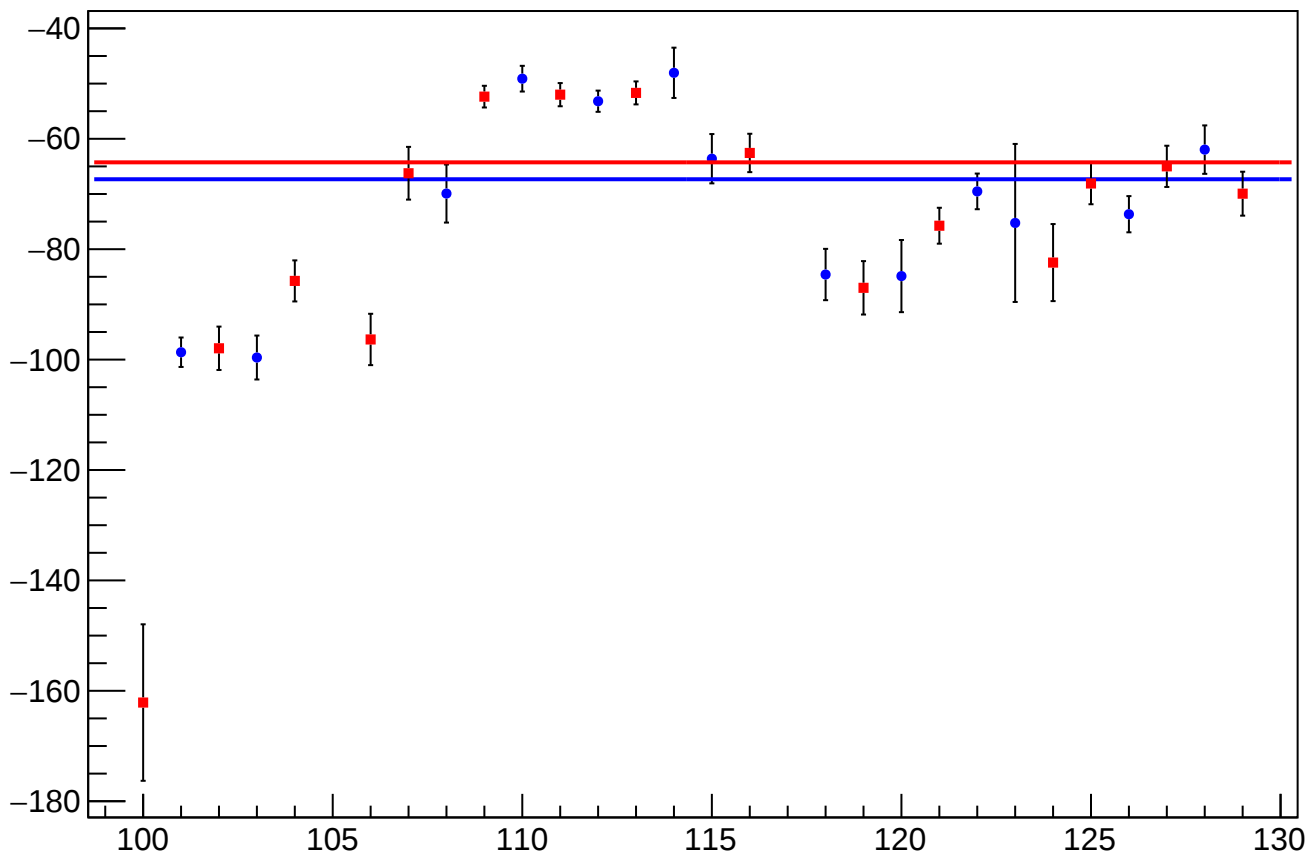
Right: -1.606 ± 0.074 χ^2/NDF : 378.1/27

In: -1.462 ± 0.107 χ^2/NDF : 74.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.606 ± 0.074 χ^2/NDF : 378.1/27

reg_asym_sam3_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -67.329 ± 0.950 χ^2/NDF : 365.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -64.265 ± 0.847 χ^2/NDF : 354.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

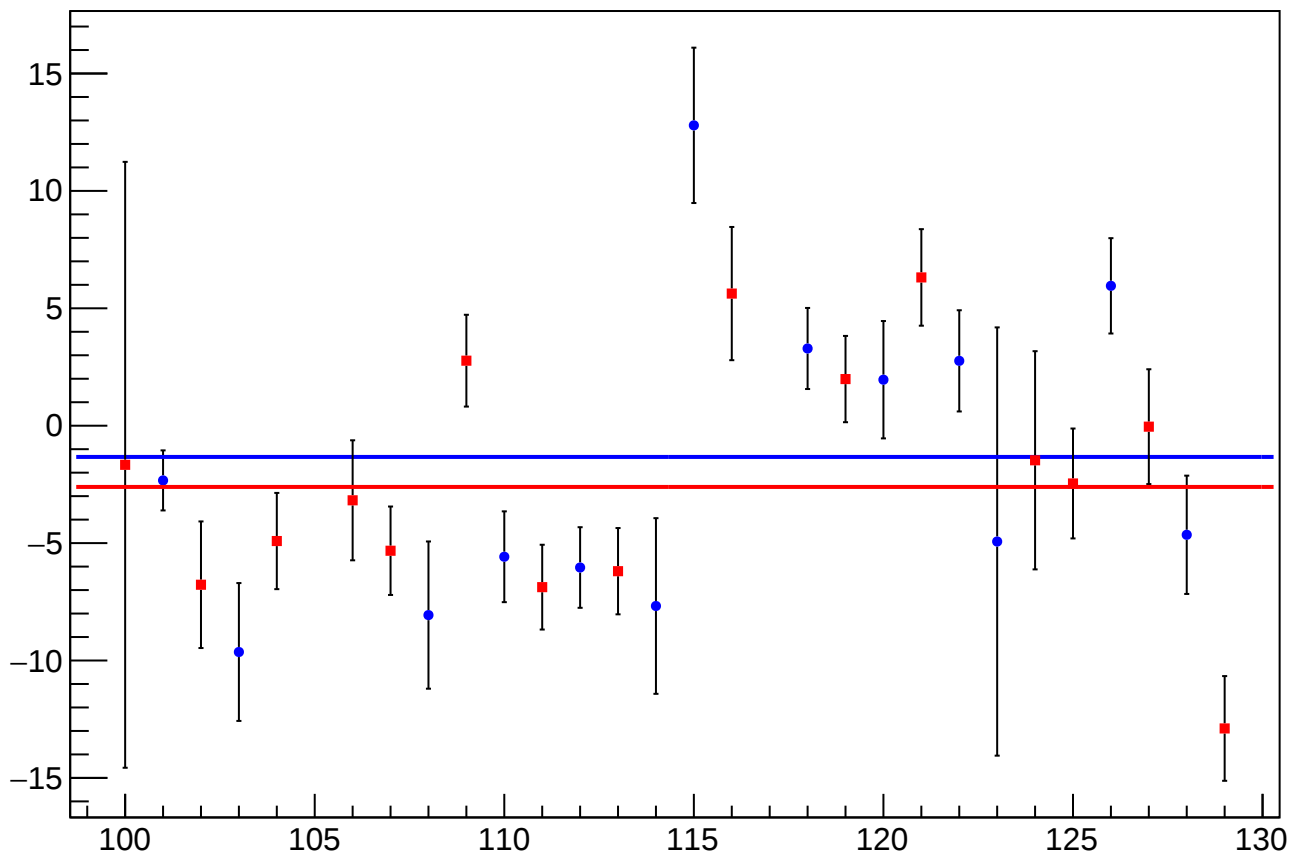
Right: -65.622 ± 0.632 χ^2/NDF : 725.1/27

In: -67.329 ± 0.950 χ^2/NDF : 365.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -65.622 ± 0.632 χ^2/NDF : 725.1/27

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.330+/-0.606 χ^2/NDF : 74.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.608+/-0.584 χ^2/NDF : 78.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

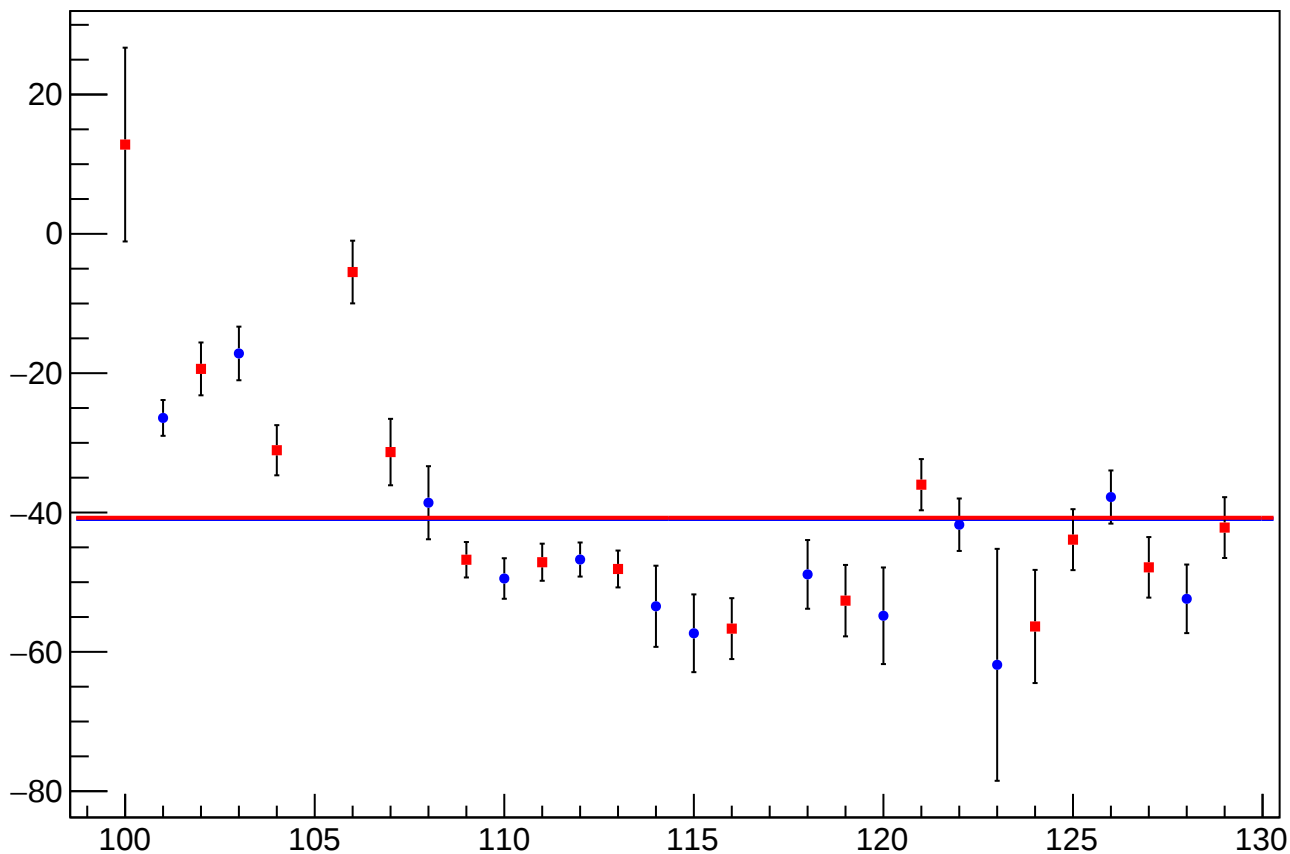
Right: -1.993+/-0.420 χ^2/NDF : 155.0/27

In: -1.330+/-0.606 χ^2/NDF : 74.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.993+/-0.420 χ^2/NDF : 155.0/27

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -40.928 $\pm$ 1.086 χ^2 /NDF: 112.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -40.753 $\pm$ 0.990 χ^2 /NDF: 165.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

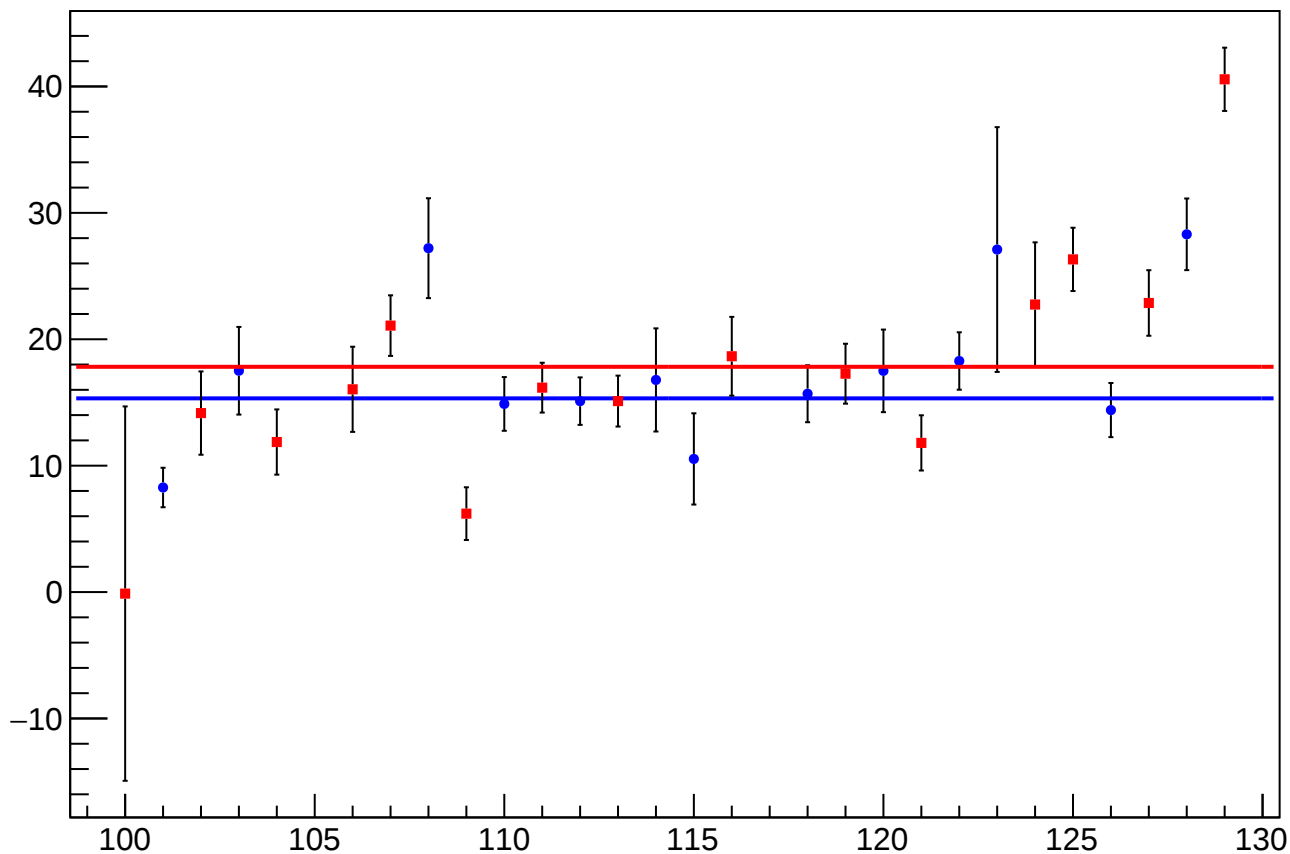
Right: -40.832 $\pm$ 0.731 χ^2 /NDF: 277.7/27

In: -40.928 $\pm$ 1.086 χ^2 /NDF:112.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -40.832 $\pm$ 0.731 χ^2 /NDF: 277.7/27

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.324+/-0.701 χ^2/NDF : 56.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.821+/-0.668 χ^2/NDF : 150.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

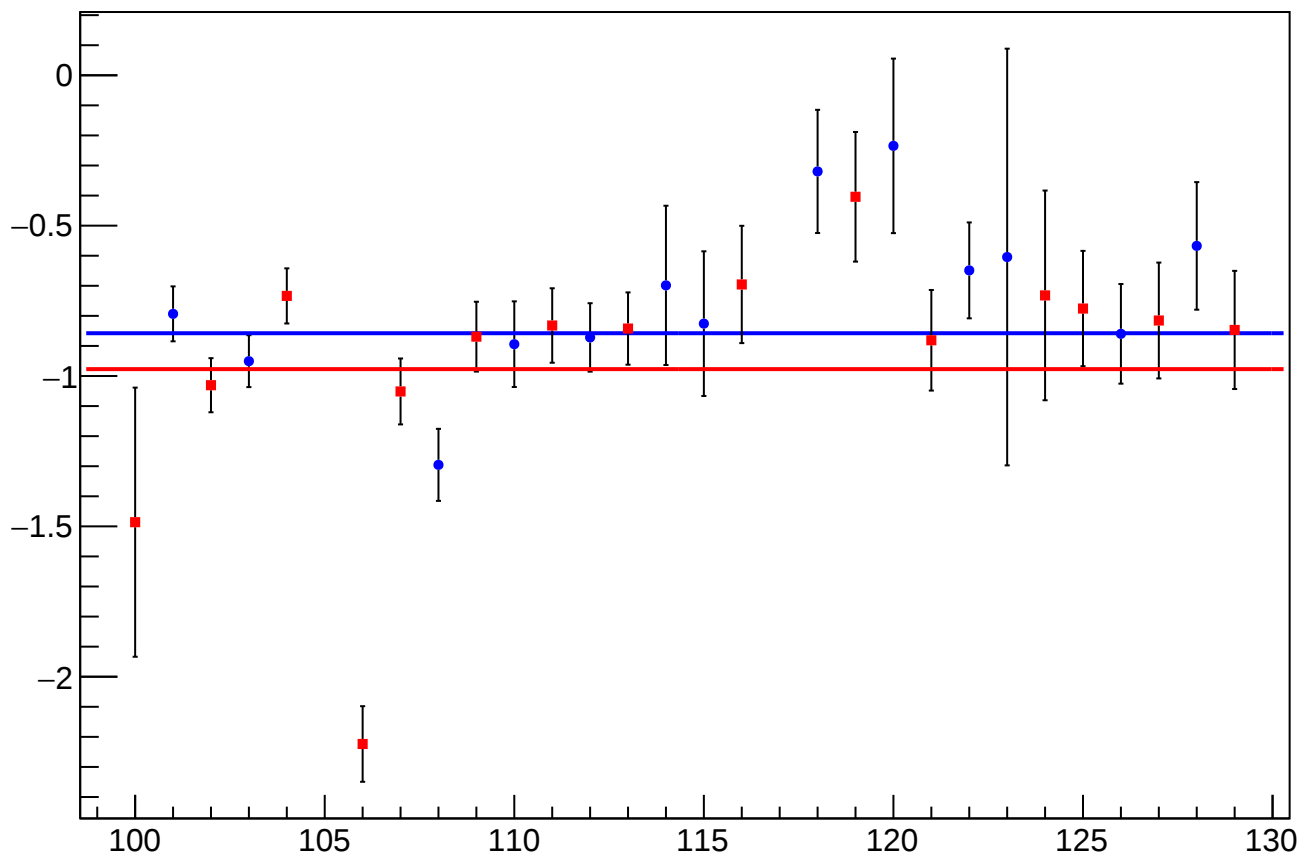
Right: 16.633+/-0.483 χ^2/NDF : 213.6/27

In: 15.324+/-0.701 χ^2/NDF : 56.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.633+/-0.483 χ^2/NDF : 213.6/27

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.858 ± 0.040 χ^2/NDF : 30.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.977 ± 0.036 χ^2/NDF : 123.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

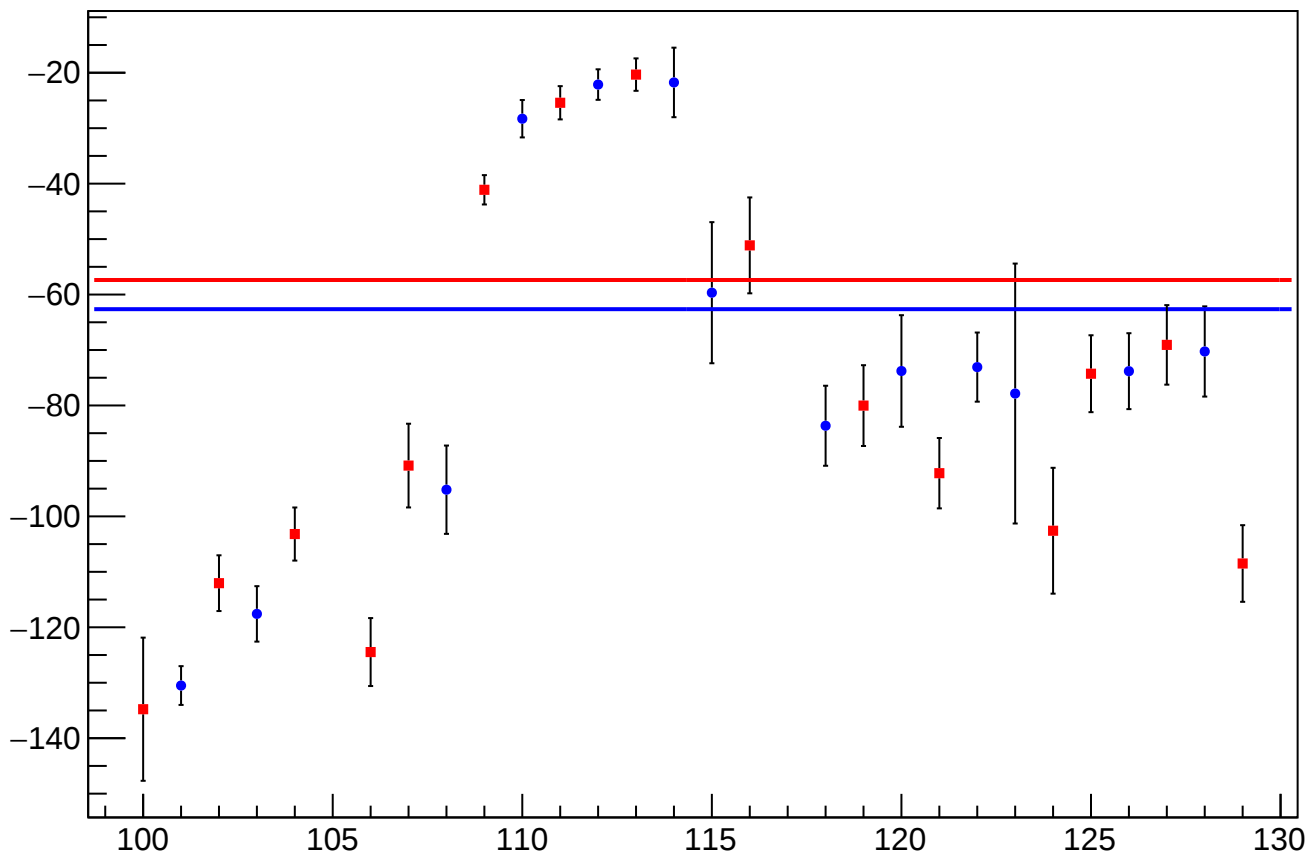
Right: -0.924 ± 0.027 χ^2/NDF : 158.8/27

In: -0.858 ± 0.040 χ^2/NDF : 30.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.924 ± 0.027 χ^2/NDF : 158.8/27

reg_asym_sam4_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -62.637+/-1.440 χ^2/NDF : 893.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -57.376+/-1.260 χ^2/NDF : 816.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

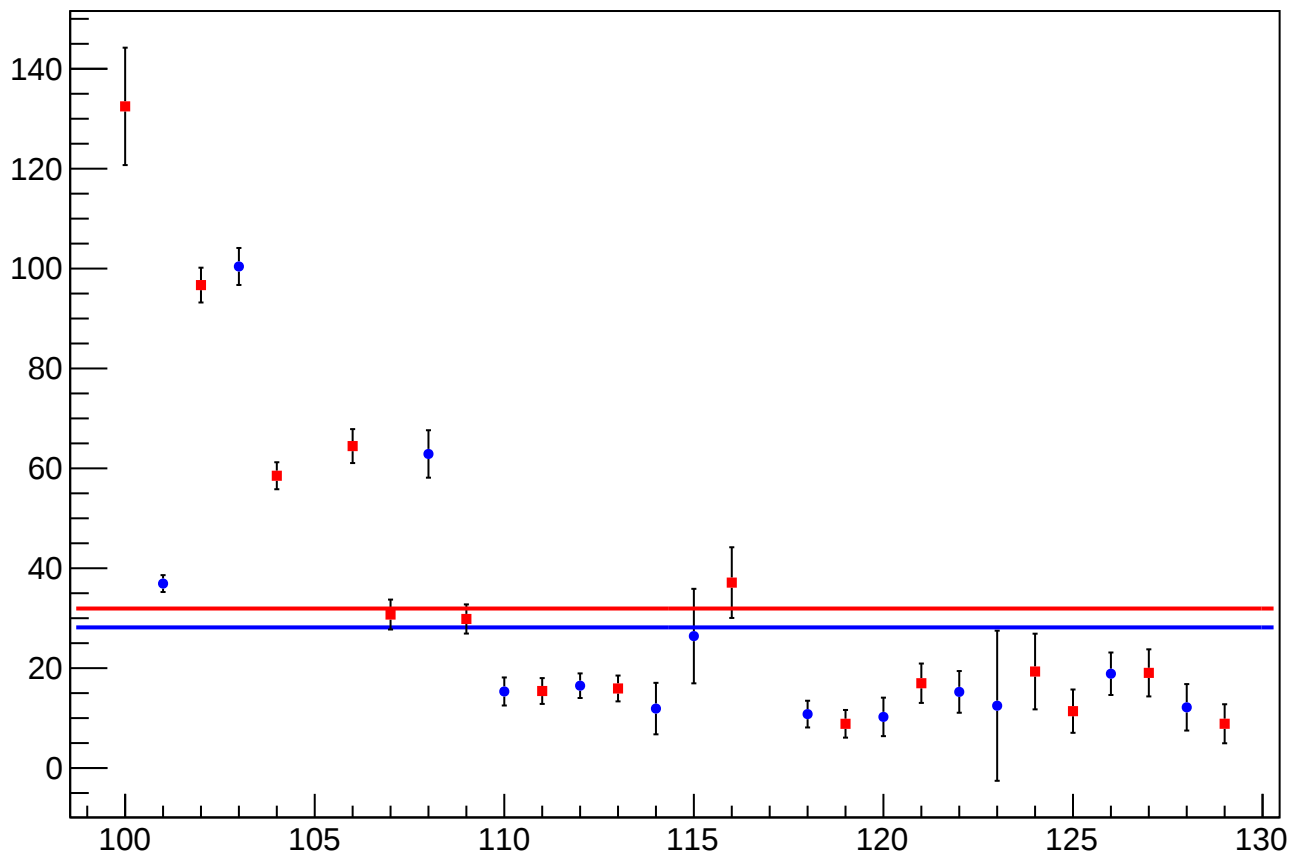
Right: -59.656+/-0.948 χ^2/NDF : 1718.0/27

In: -62.637+/-1.440 χ^2/NDF : 893.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -59.656+/-0.948 χ^2/NDF : 1718.0/27

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 28.159+/-0.921 χ^2 /NDF: 605.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 31.938+/-0.899 χ^2 /NDF: 838.8/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

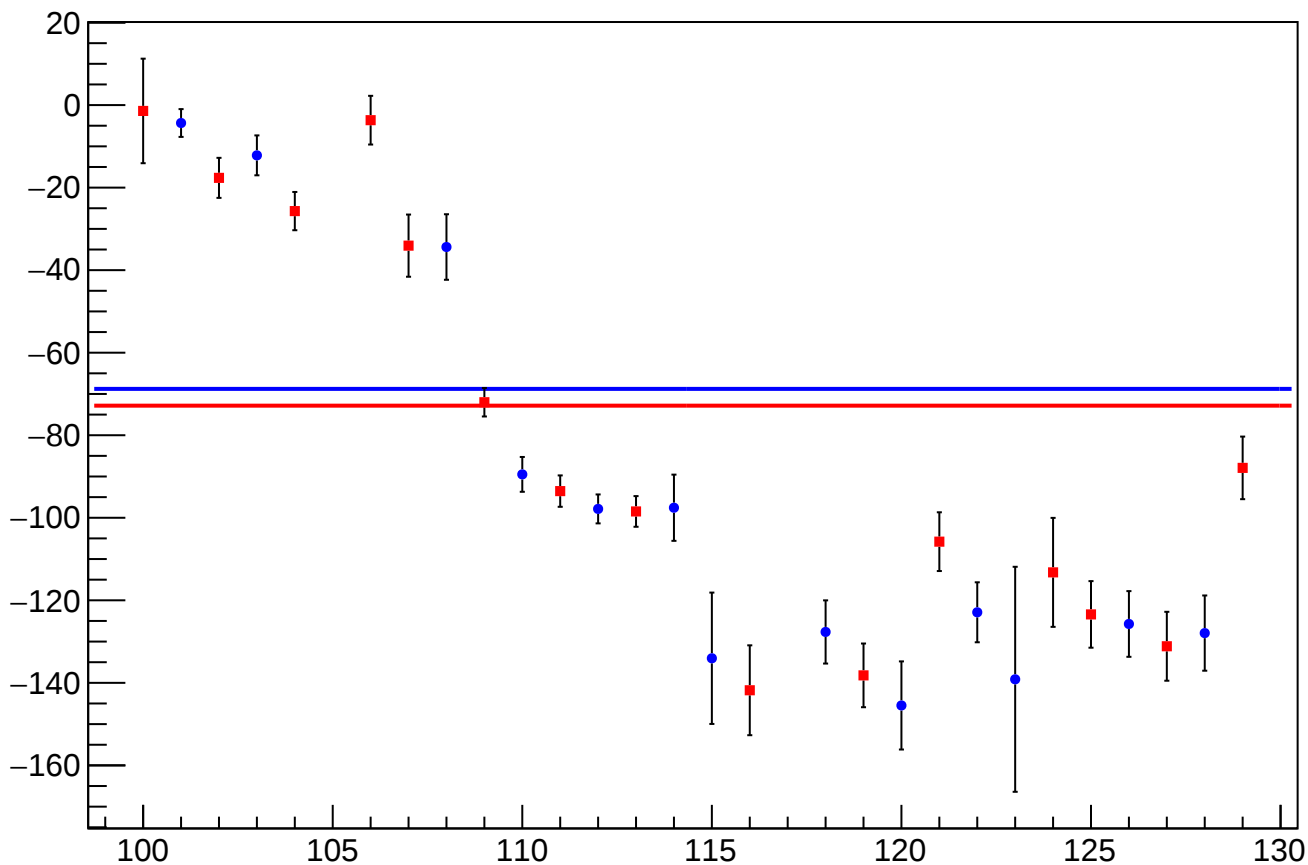
Right: 30.094+/-0.643 χ^2 /NDF: 1452.6/27

In: 28.159+/-0.921 χ^2 /NDF:605.2/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 30.094+/-0.643 χ^2 /NDF: 1452.6/27

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -68.769+/-1.627 χ^2/NDF : 910.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -72.834+/-1.467 χ^2/NDF : 740.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

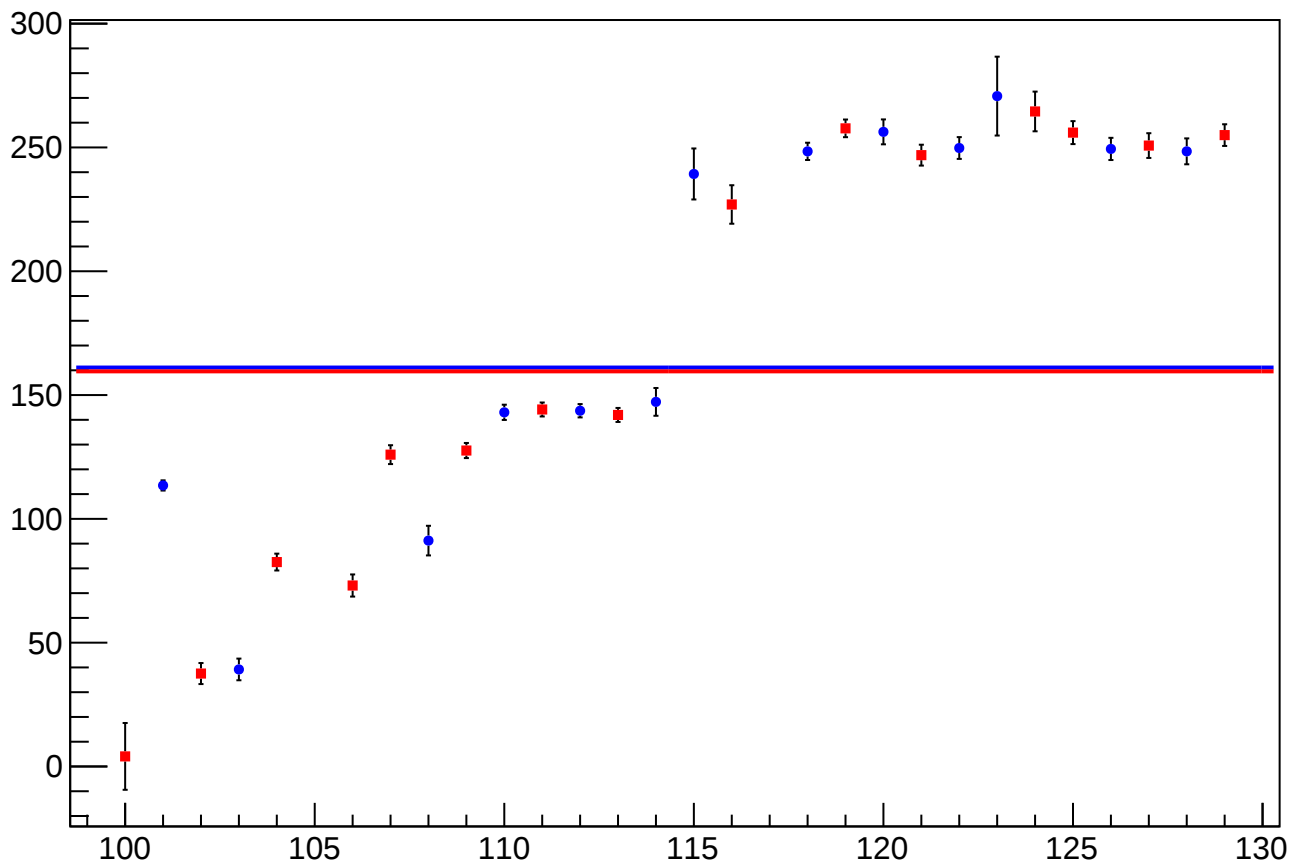
Right: -71.012+/-1.089 χ^2/NDF : 1654.4/27

In: -68.769+/-1.627 χ^2/NDF : 910.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.012+/-1.089 χ^2/NDF : 1654.4/27

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 161.114+/-1.076 χ^2/NDF : 3690.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 159.571+/-1.037 χ^2/NDF : 4775.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

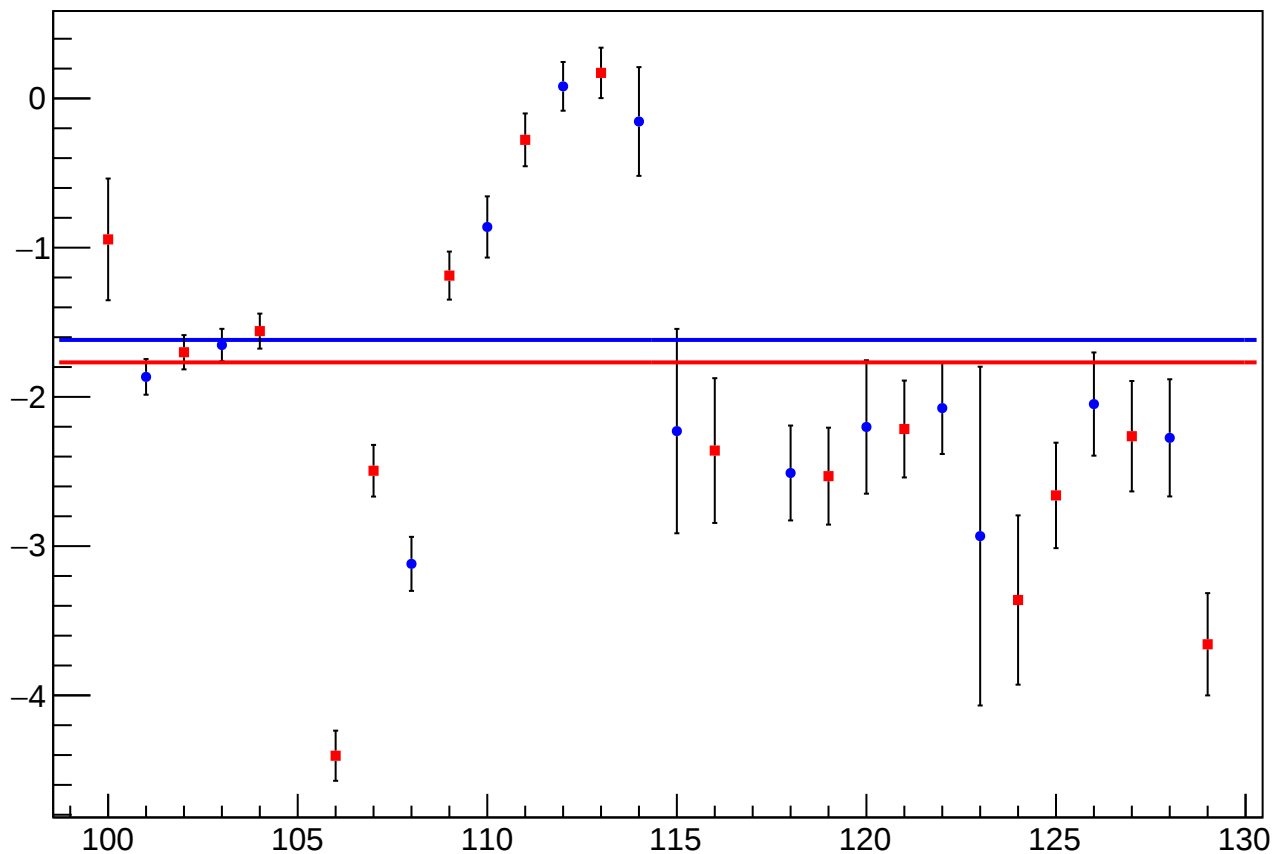
Right: 160.314+/-0.747 χ^2/NDF : 8466.6/27

In: 161.114+/-1.076 χ^2/NDF : 3690.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.314+/-0.747 χ^2/NDF : 8466.6/27

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.618 ± 0.058 $\chi^2/\text{NDF}: 229.4/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.769 ± 0.051 $\chi^2/\text{NDF}: 542.5/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

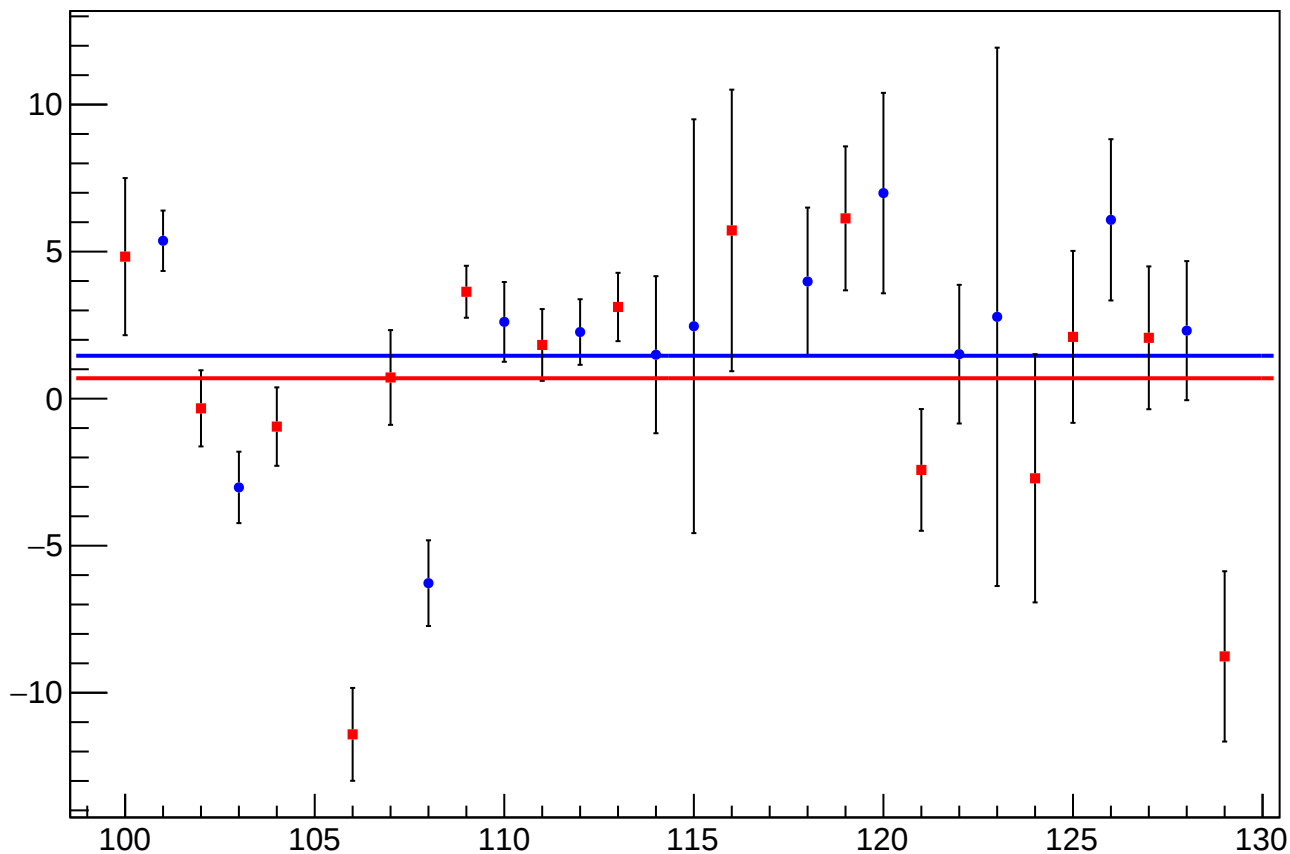
Right: -1.703 ± 0.038 $\chi^2/\text{NDF}: 775.7/27$

In: -1.618 ± 0.058 $\chi^2/\text{NDF}: 229.4/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.703 ± 0.038 $\chi^2/\text{NDF}: 775.7/27$

reg_asym_sam5_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.459+/-0.479 χ^2/NDF : 64.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.694+/-0.419 χ^2/NDF : 99.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

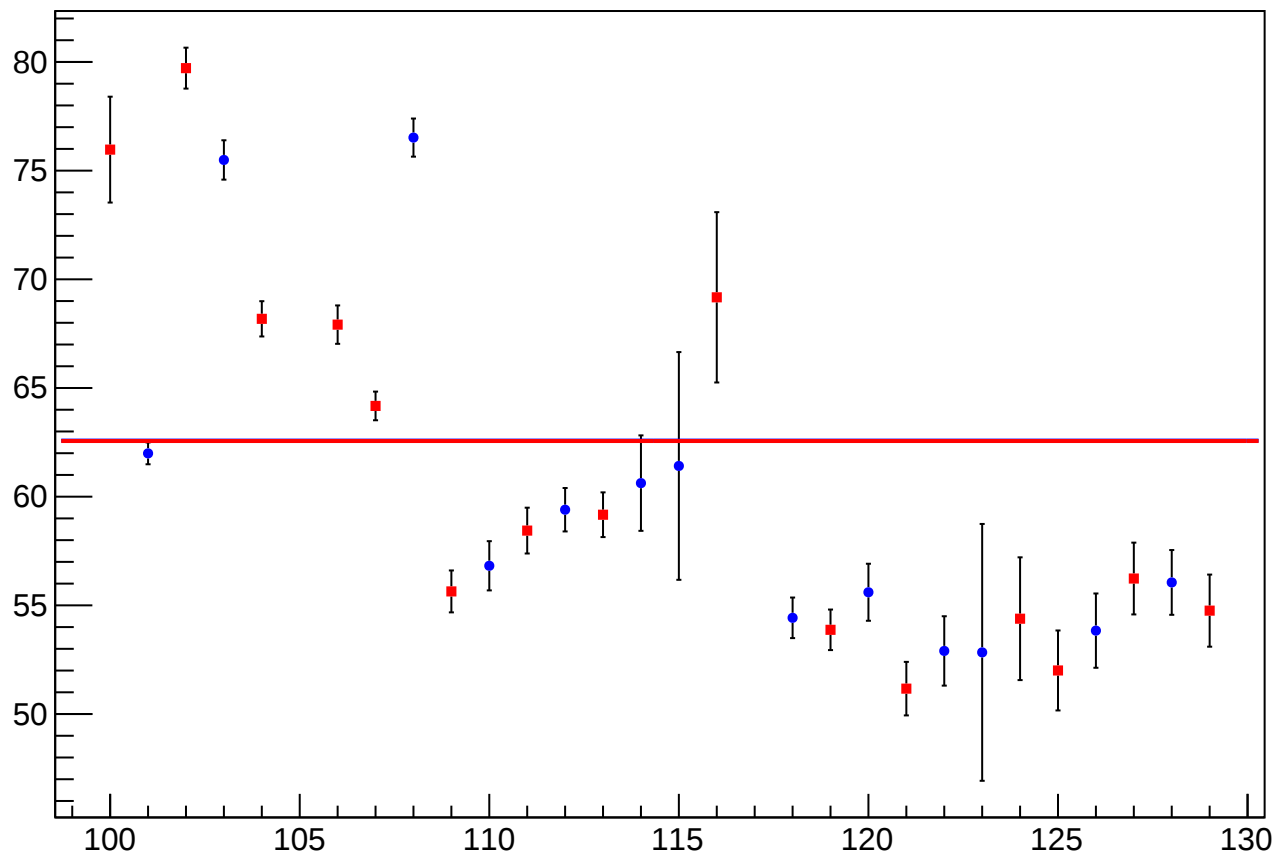
Right: 1.026+/-0.316 χ^2/NDF : 165.4/27

In: 1.459+/-0.479 χ^2/NDF : 64.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.026+/-0.316 χ^2/NDF : 165.4/27

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 62.580+/-0.295 χ^2/NDF : 683.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.560+/-0.285 χ^2/NDF : 783.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

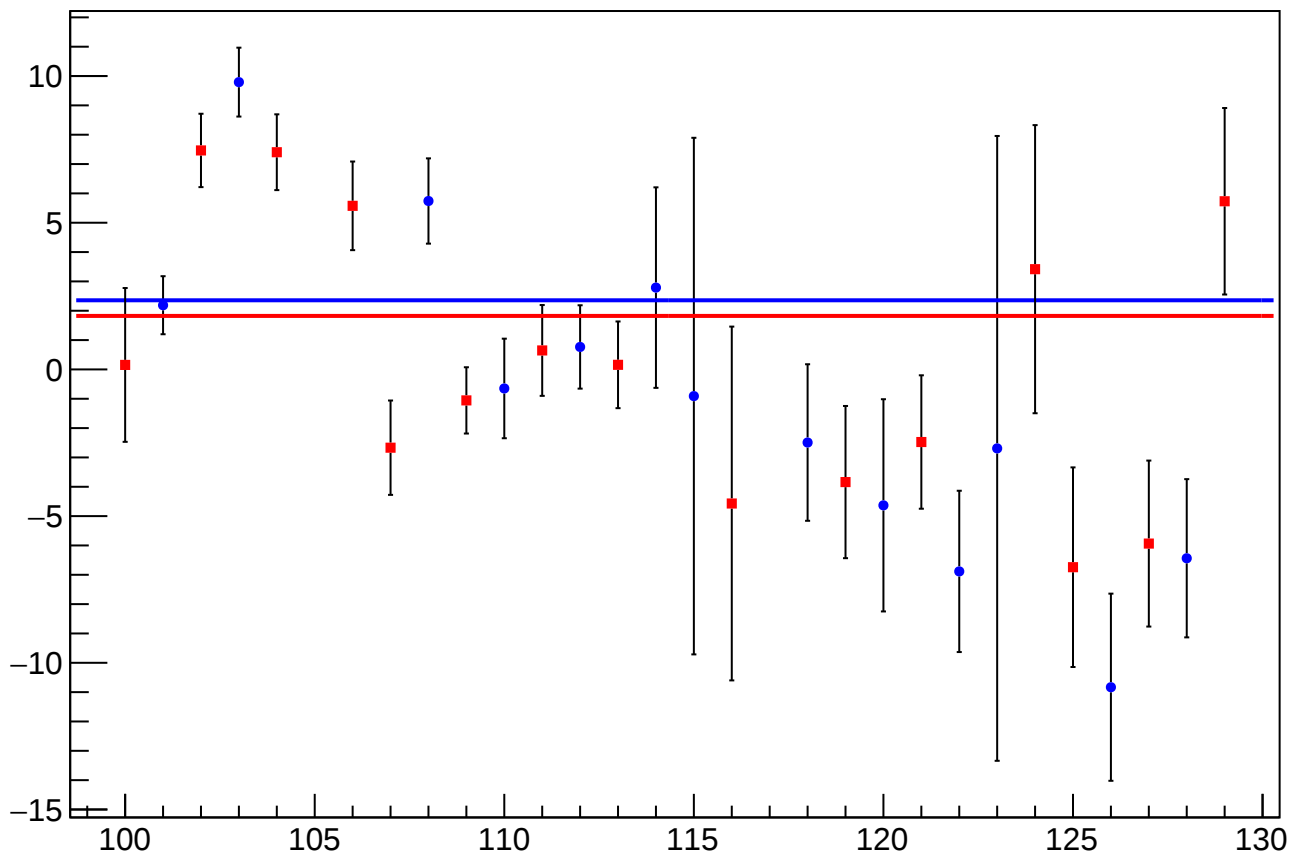
Right: 62.570+/-0.205 χ^2/NDF : 1467.7/27

In: 62.580+/-0.295 χ^2/NDF : 683.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.570+/-0.205 χ^2/NDF : 1467.7/27

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.356 $\pm$ 0.516 χ^2 /NDF: 96.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.824 $\pm$ 0.467 χ^2 /NDF: 86.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

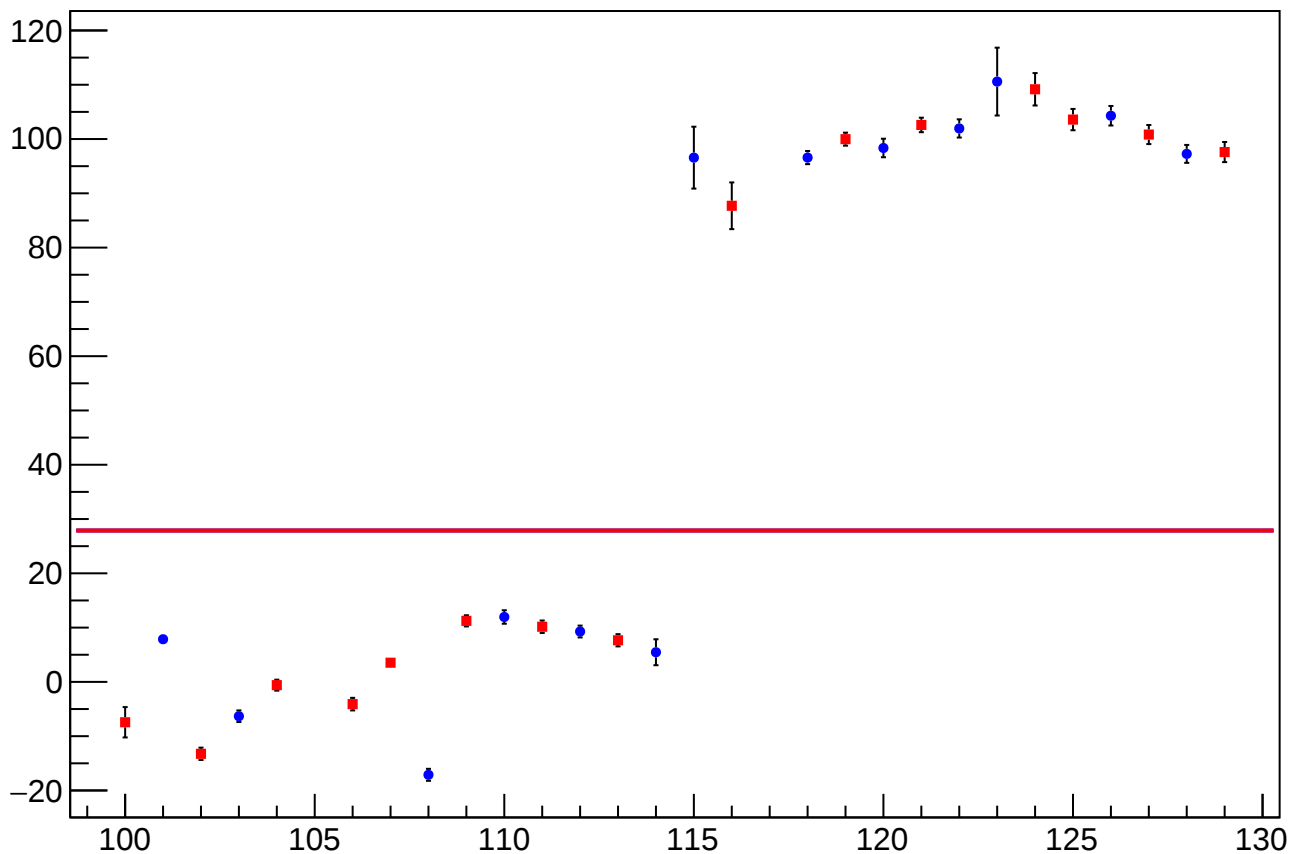
Right: 2.063 $\pm$ 0.346 χ^2 /NDF: 183.7/27

In: 2.356 $\pm$ 0.516 χ^2 /NDF: 96.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.063 $\pm$ 0.346 χ^2 /NDF: 183.7/27

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 27.883+/-0.350 χ^2/NDF : 15046.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.884+/-0.336 χ^2/NDF : 16997.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

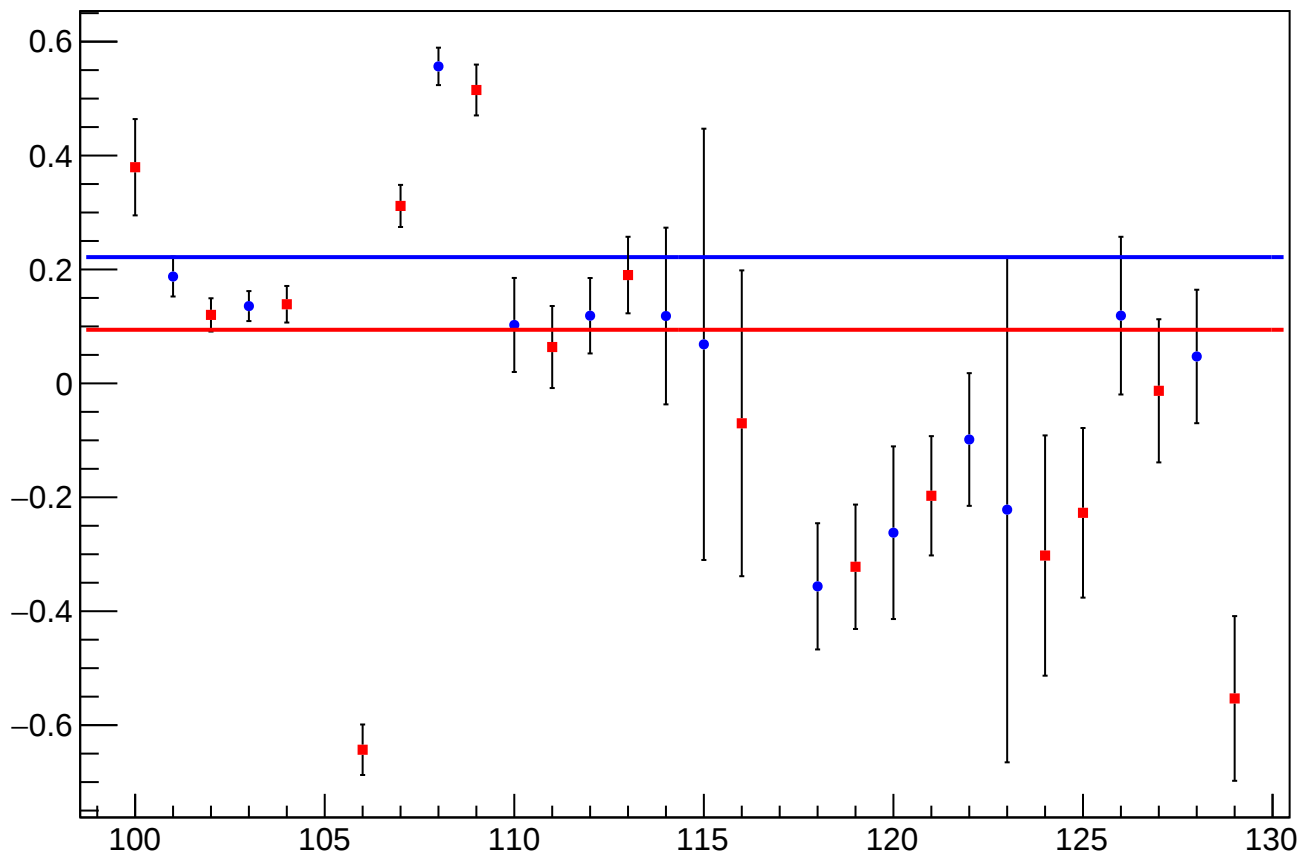
Right: 27.884+/-0.243 χ^2/NDF : 32043.9/27

In: 27.883+/-0.350 χ^2/NDF : 15046.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.884+/-0.243 χ^2/NDF : 32043.9/27

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.222 $\pm$ 0.016 χ^2 /NDF: 169.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.094 $\pm$ 0.014 χ^2 /NDF: 468.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

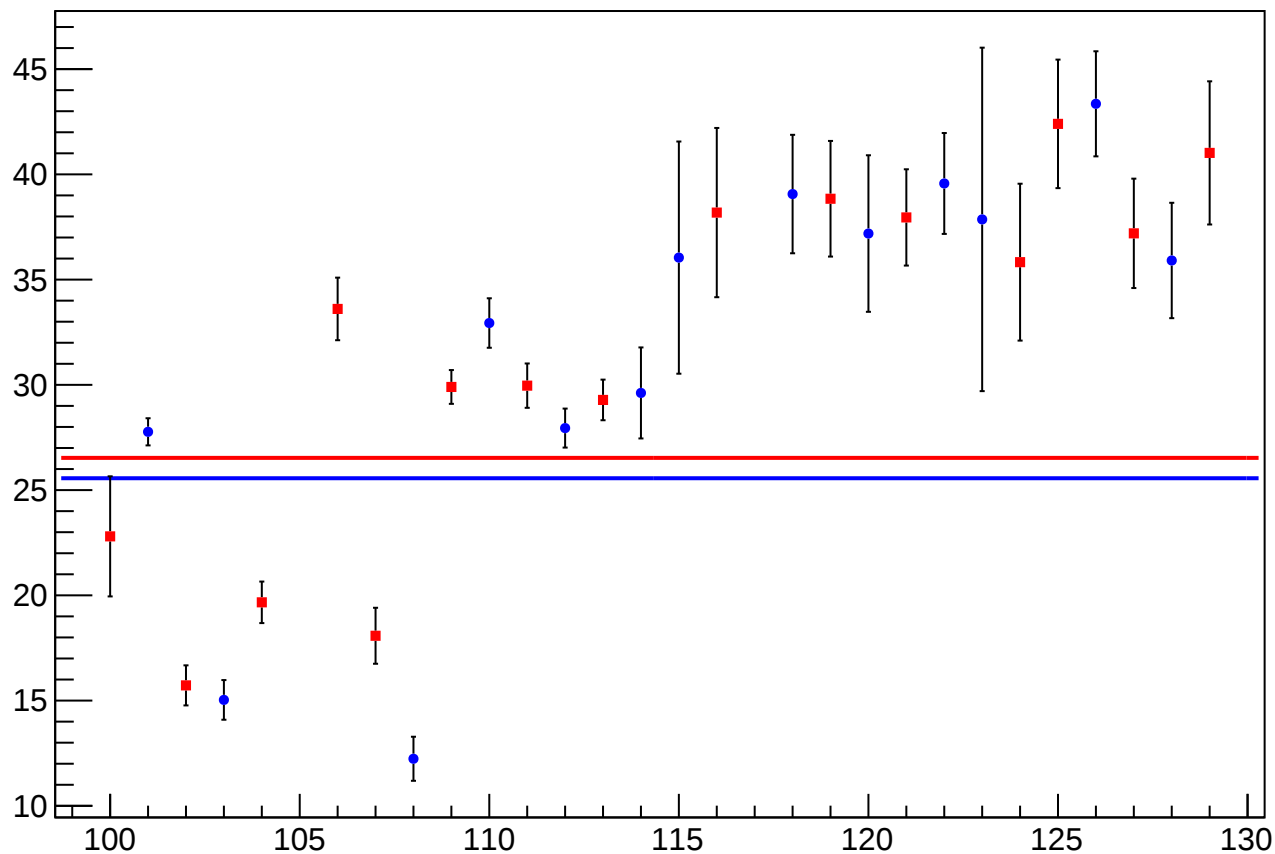
Right: 0.152 $\pm$ 0.011 χ^2 /NDF: 672.6/27

In: 0.222 $\pm$ 0.016 χ^2 /NDF:169.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.152 $\pm$ 0.011 χ^2 /NDF: 672.6/27

reg_asym_sam6_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 25.563+/-0.371 χ^2/NDF : 486.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.531+/-0.363 χ^2/NDF : 400.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

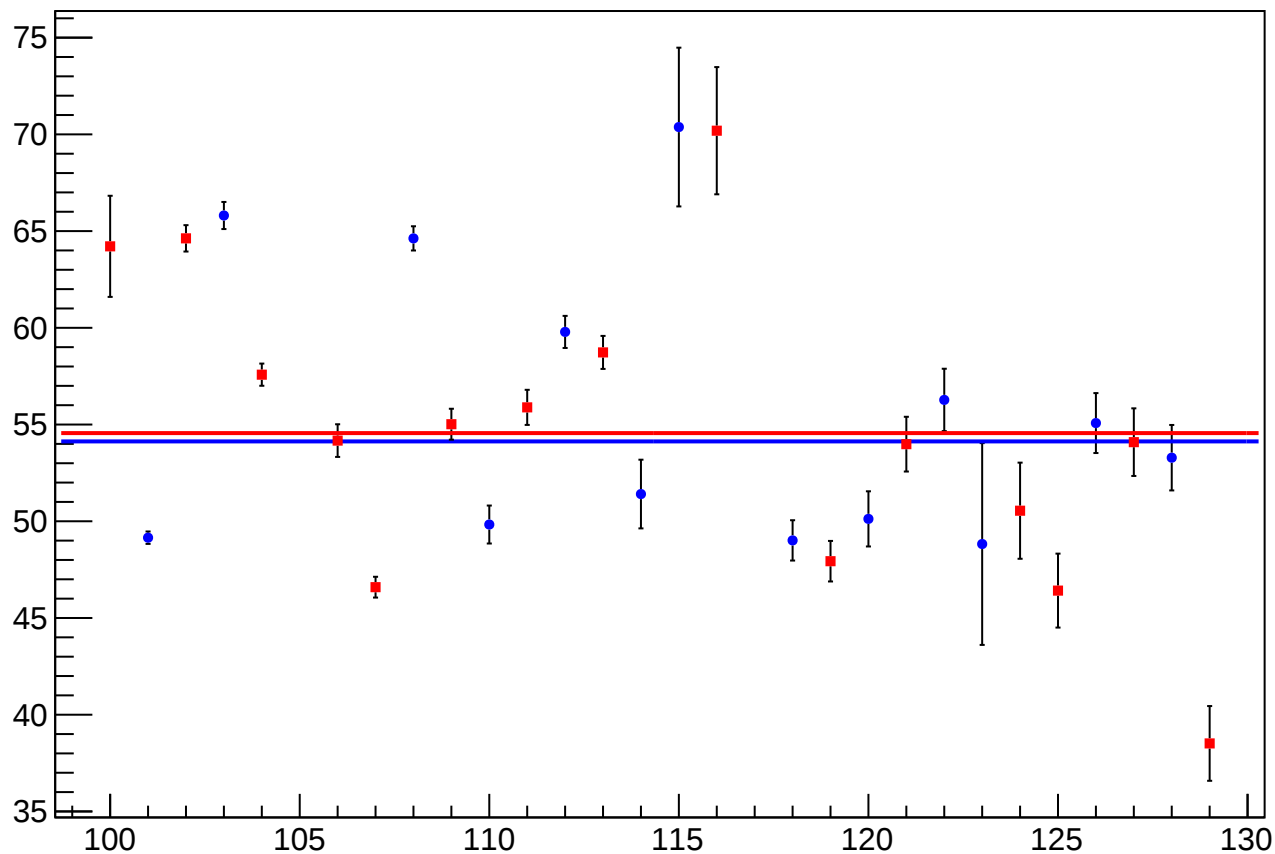
Right: 26.058+/-0.259 χ^2/NDF : 889.7/27

In: 25.563+/-0.371 χ^2/NDF : 486.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.058+/-0.259 χ^2/NDF : 889.7/27

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 54.128+/-0.225 χ^2/NDF : 919.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.558+/-0.243 χ^2/NDF : 658.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

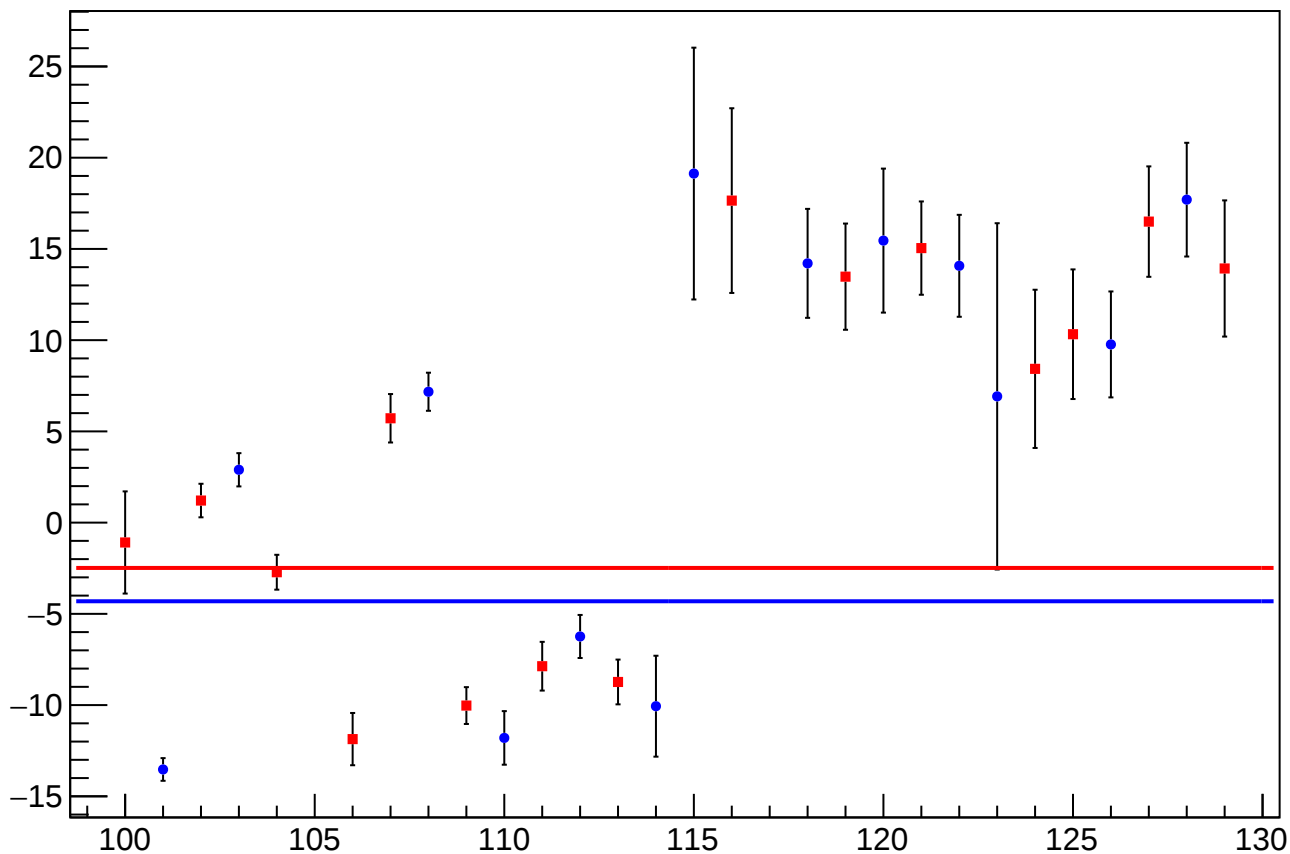
Right: 54.326+/-0.165 χ^2/NDF : 1579.5/27

In: 54.128+/-0.225 χ^2/NDF : 919.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.326+/-0.165 χ^2/NDF : 1579.5/27

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.310+/-0.390 χ^2/NDF : 629.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.483+/-0.399 χ^2/NDF : 366.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

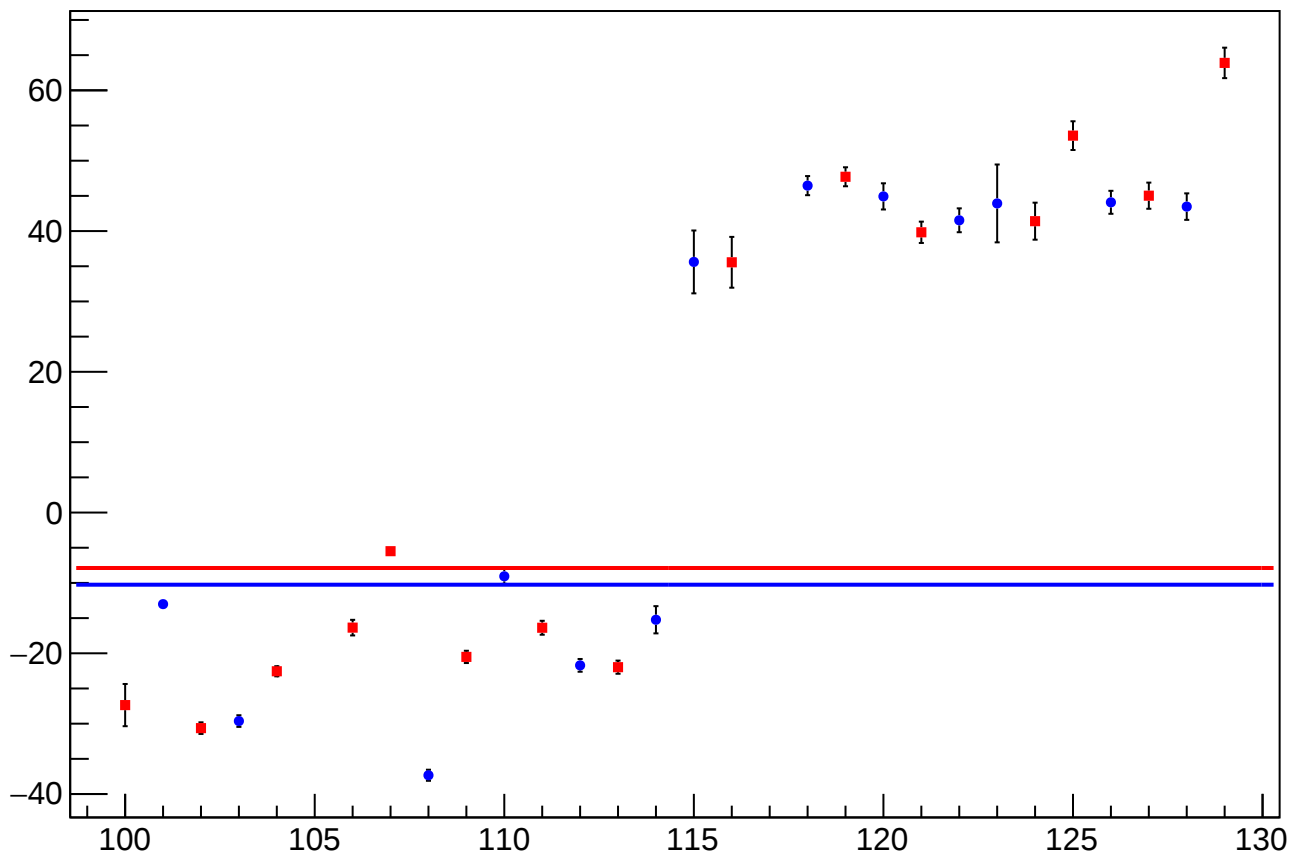
Right: -3.417+/-0.279 χ^2/NDF : 1006.9/27

In: -4.310+/-0.390 χ^2/NDF : 629.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.417+/-0.279 χ^2/NDF : 1006.9/27

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -10.253 ± 0.268 $\chi^2/\text{NDF}: 7626.1/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -7.878 ± 0.290 $\chi^2/\text{NDF}: 7800.0/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

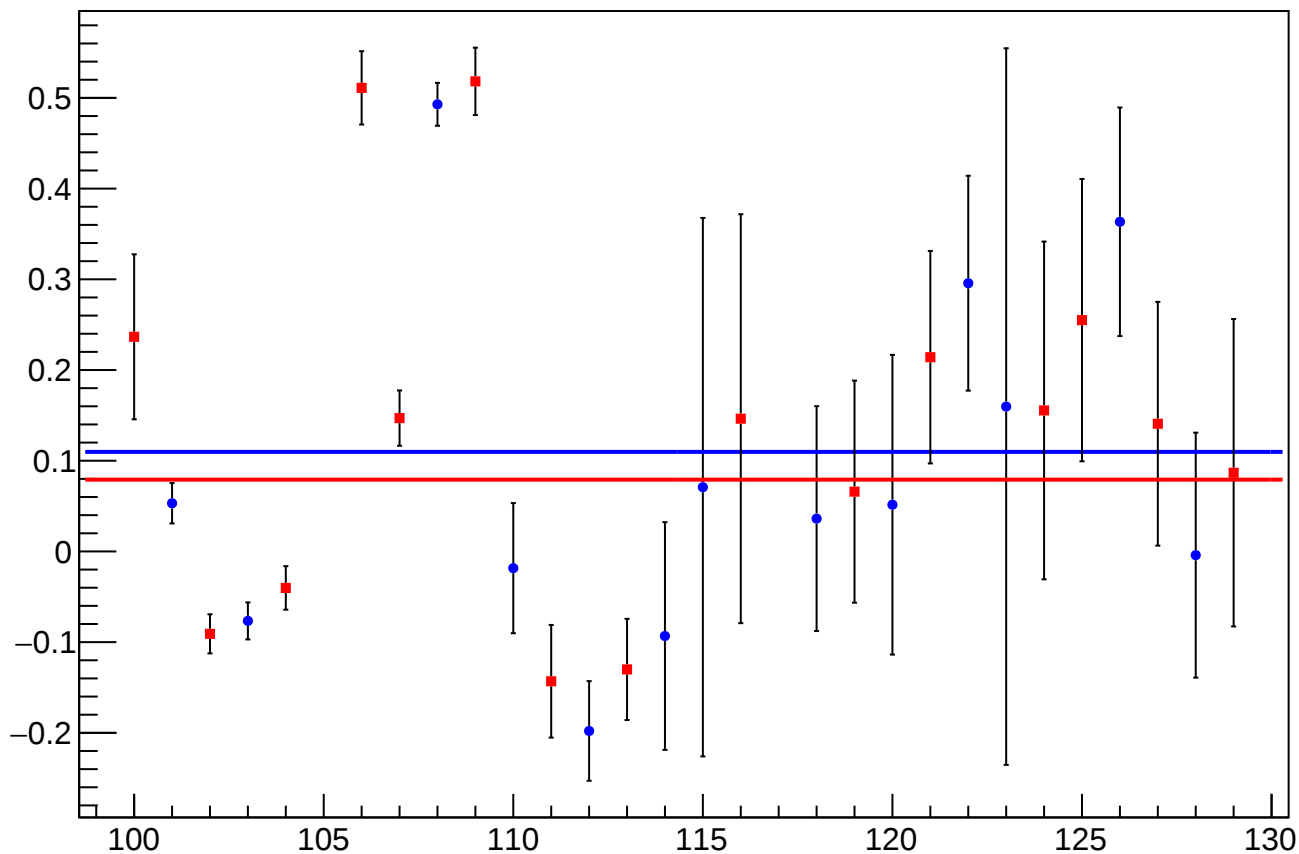
Right: -9.158 ± 0.197 $\chi^2/\text{NDF}: 15462.2/27$

In: -10.253 ± 0.268 $\chi^2/\text{NDF}: 7626.1/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -9.158 ± 0.197 $\chi^2/\text{NDF}: 15462.2/27$

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.110 $\pm$ 0.012 χ^2 /NDF: 397.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.079 $\pm$ 0.012 χ^2 /NDF: 378.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

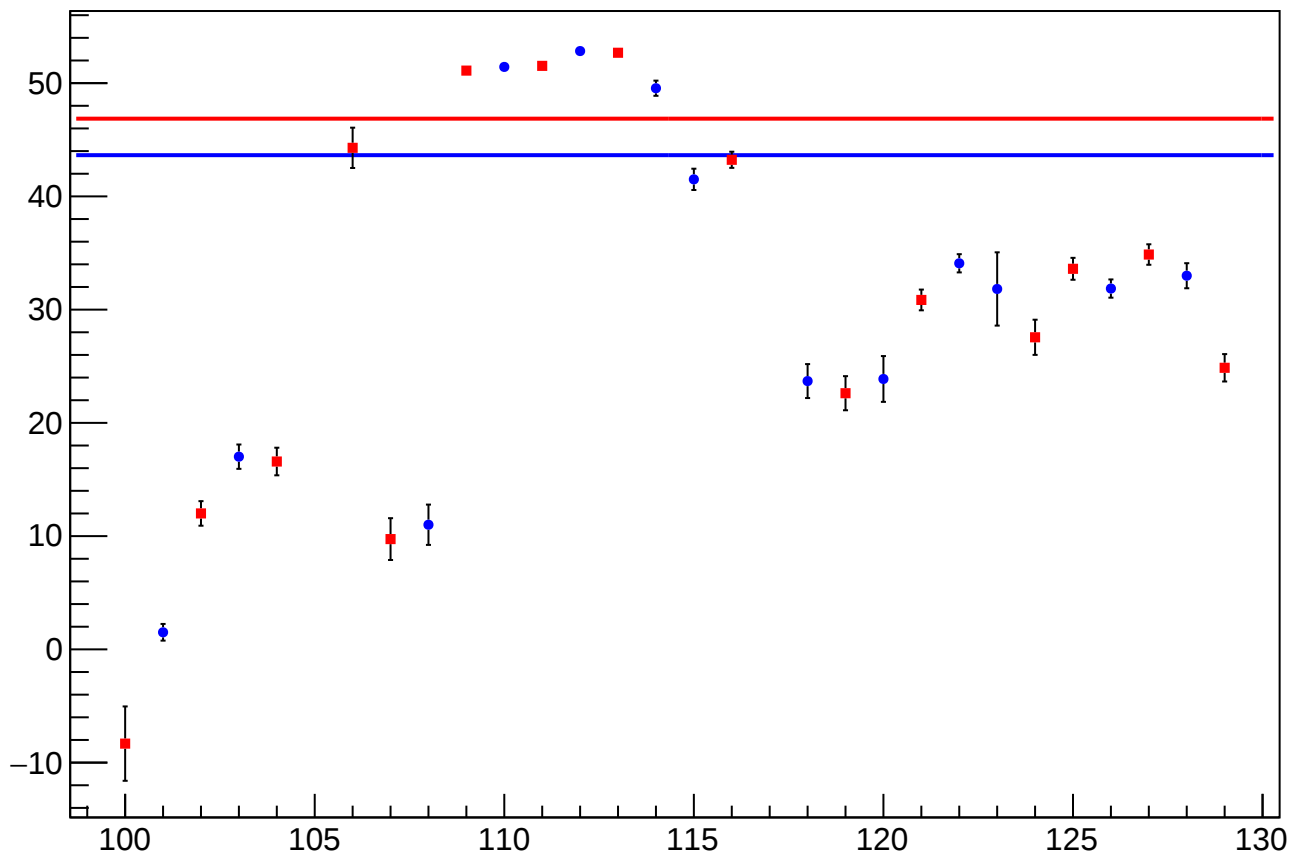
Right: 0.094 $\pm$ 0.008 χ^2 /NDF: 779.2/27

In: 0.110 $\pm$ 0.012 χ^2 /NDF:397.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.094 $\pm$ 0.008 χ^2 /NDF: 779.2/27

reg_asym_sam7_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 43.640+/-0.185 χ^2/NDF : 6401.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.863+/-0.155 χ^2/NDF : 4545.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

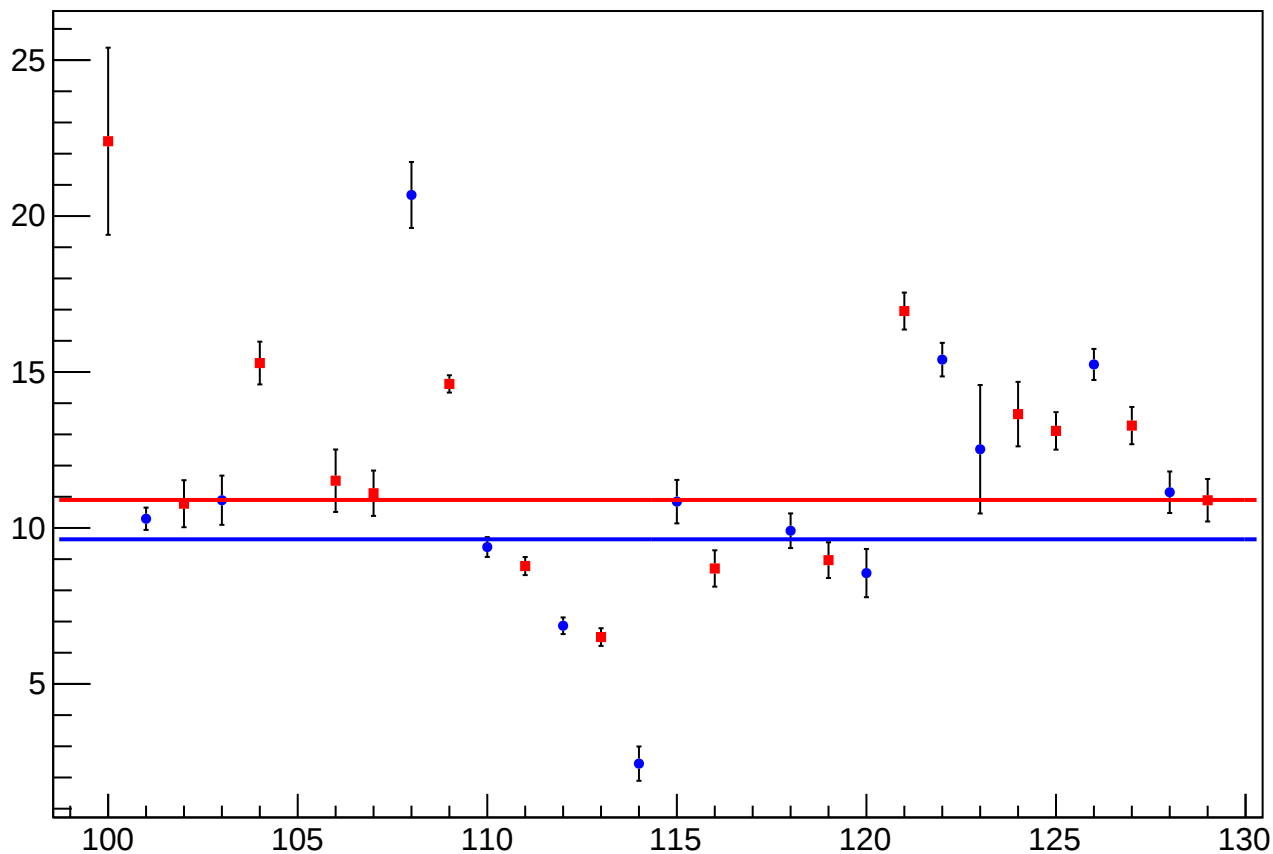
Right: 45.531+/-0.119 χ^2/NDF : 11124.5/27

In: 43.640+/-0.185 χ^2/NDF : 6401.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.531+/-0.119 χ^2/NDF : 11124.5/27

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.636+/-0.135 χ^2/NDF : 647.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 10.898+/-0.127 χ^2/NDF : 697.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

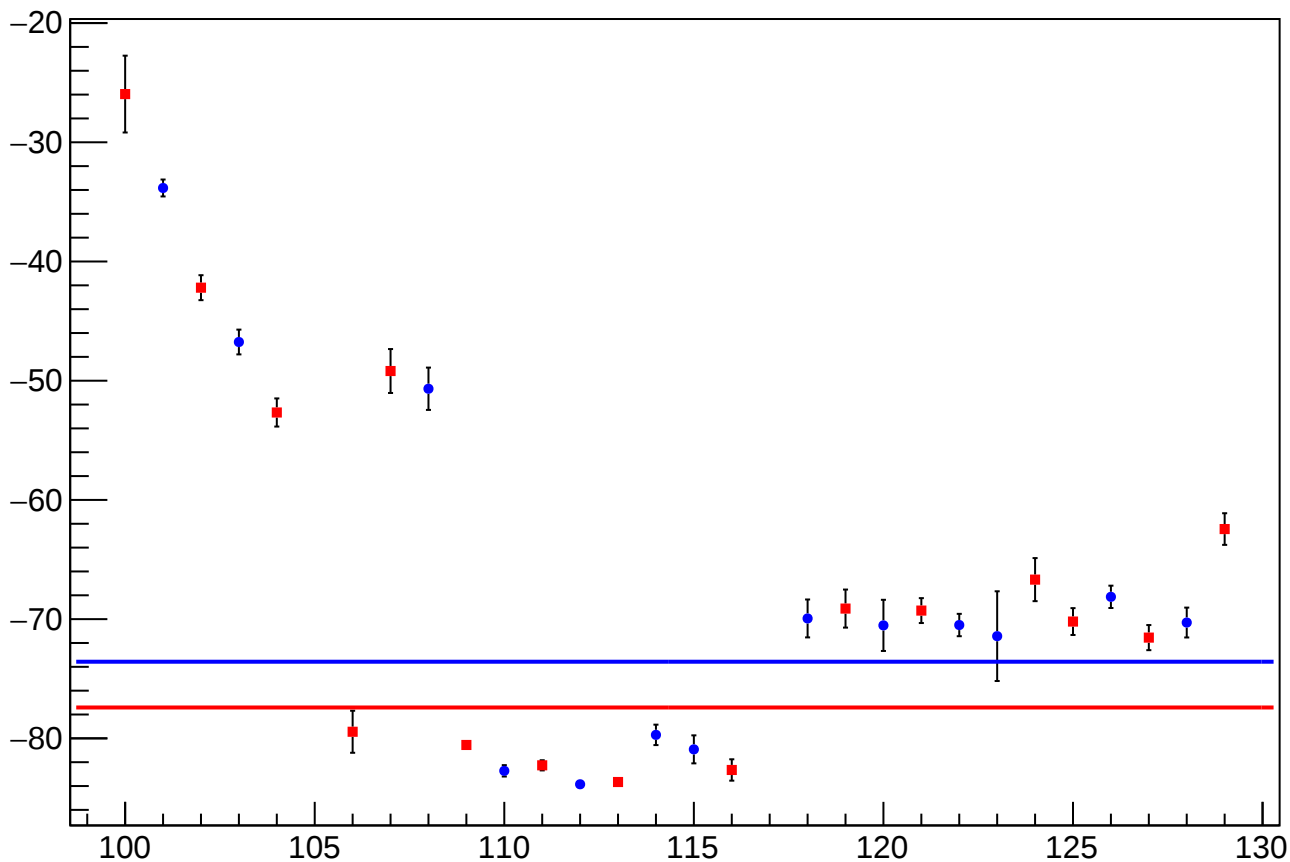
Right: 10.307+/-0.093 χ^2/NDF : 1390.9/27

In: 9.636+/-0.135 χ^2/NDF :647.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 10.307+/-0.093 χ^2/NDF : 1390.9/27

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -73.572 ± 0.222 χ^2/NDF : 5214.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -77.411 ± 0.192 χ^2/NDF : 2861.8/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

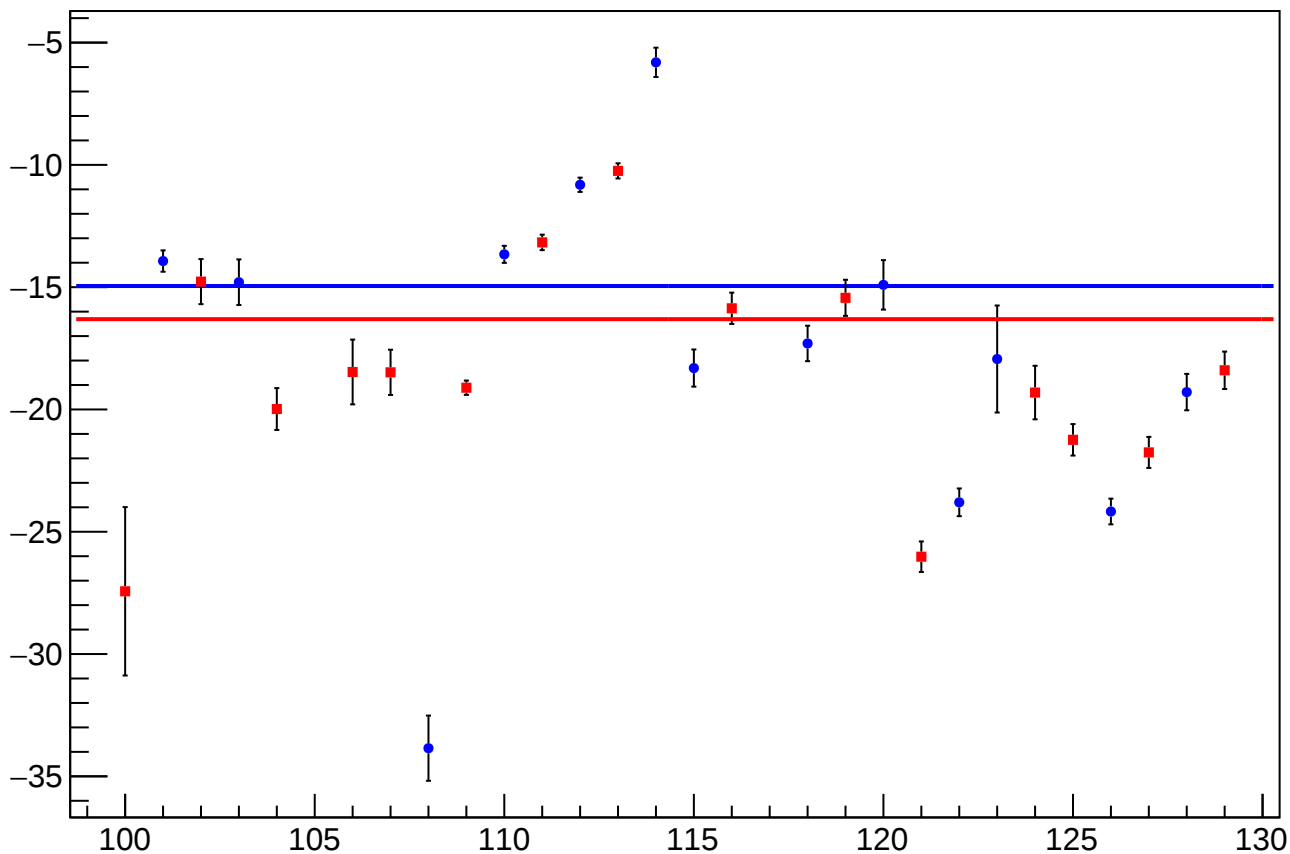
Right: -75.766 ± 0.146 χ^2/NDF : 8247.2/27

In: -73.572 ± 0.222 χ^2/NDF : 5214.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -75.766 ± 0.146 χ^2/NDF : 8247.2/27

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.953 ± 0.152 χ^2/NDF : 1270.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.308 ± 0.140 χ^2/NDF : 1002.6/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

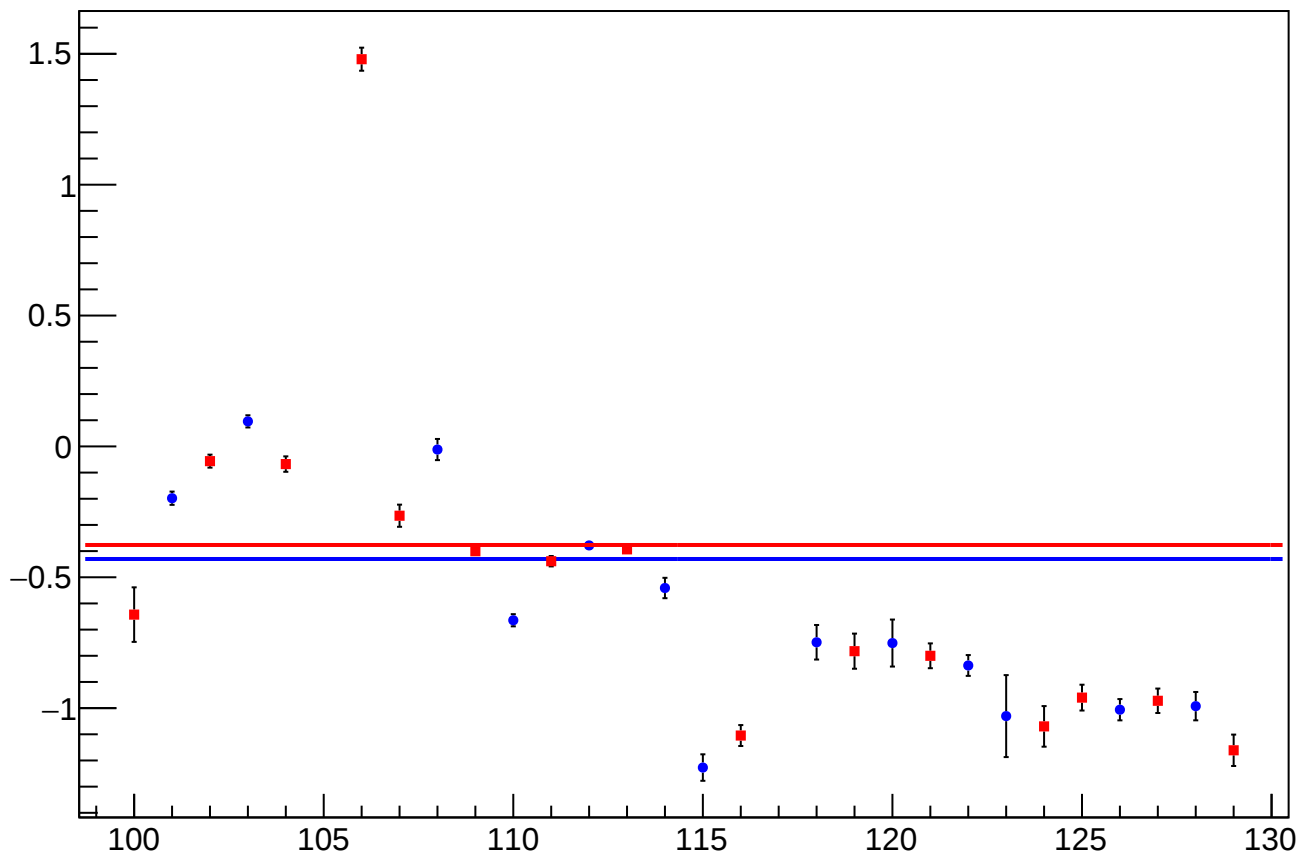
Right: -15.685 ± 0.103 χ^2/NDF : 2316.1/27

In: -14.953 ± 0.152 χ^2/NDF : 1270.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.685 ± 0.103 χ^2/NDF : 2316.1/27

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.430 ± 0.009 χ^2/NDF : 1529.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.377 ± 0.008 χ^2/NDF : 3077.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

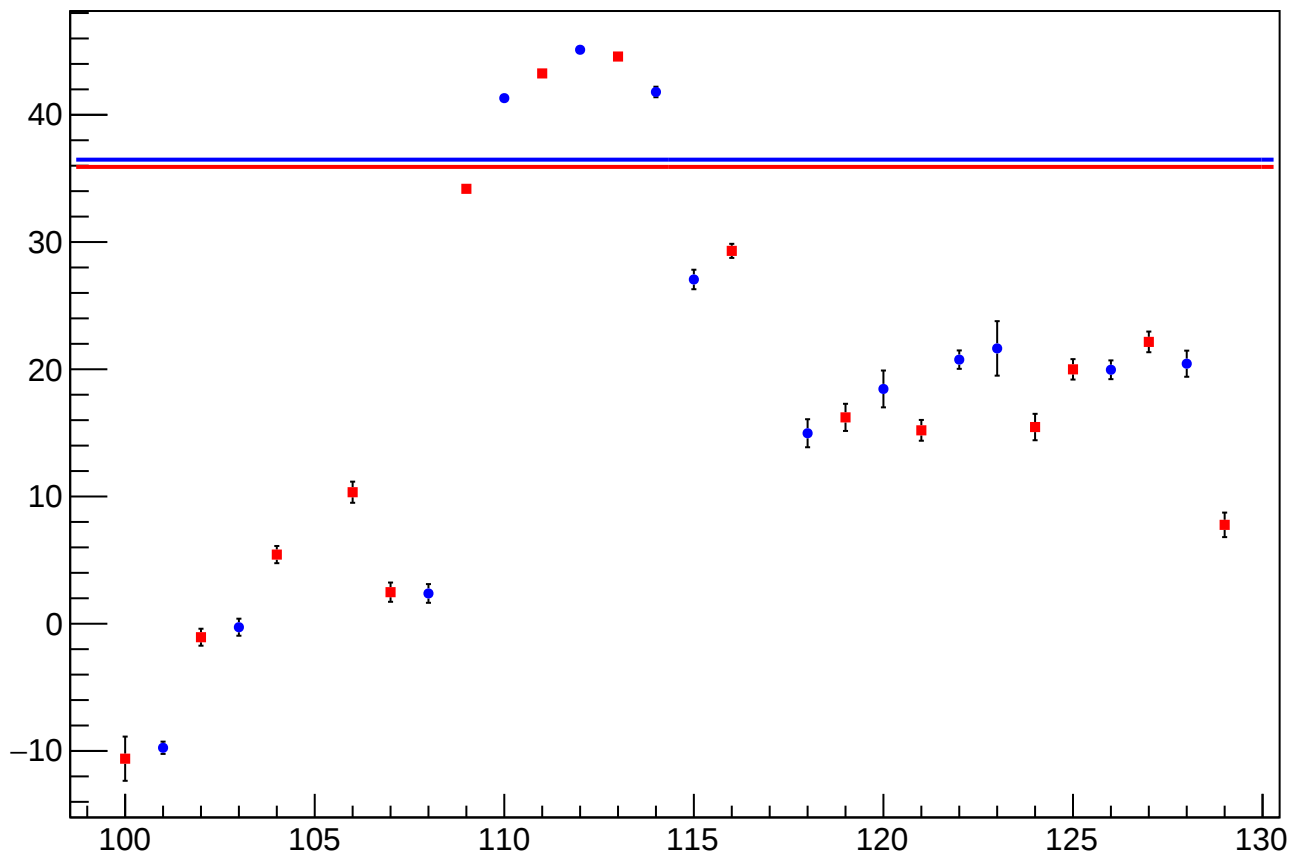
Right: -0.400 ± 0.006 χ^2/NDF : 4626.2/27

In: -0.430 ± 0.009 χ^2/NDF : 1529.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.400 ± 0.006 χ^2/NDF : 4626.2/27

reg_asym_sam8_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 36.476+/-0.110 χ^2/NDF : 19795.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.905+/-0.089 χ^2/NDF : 15944.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

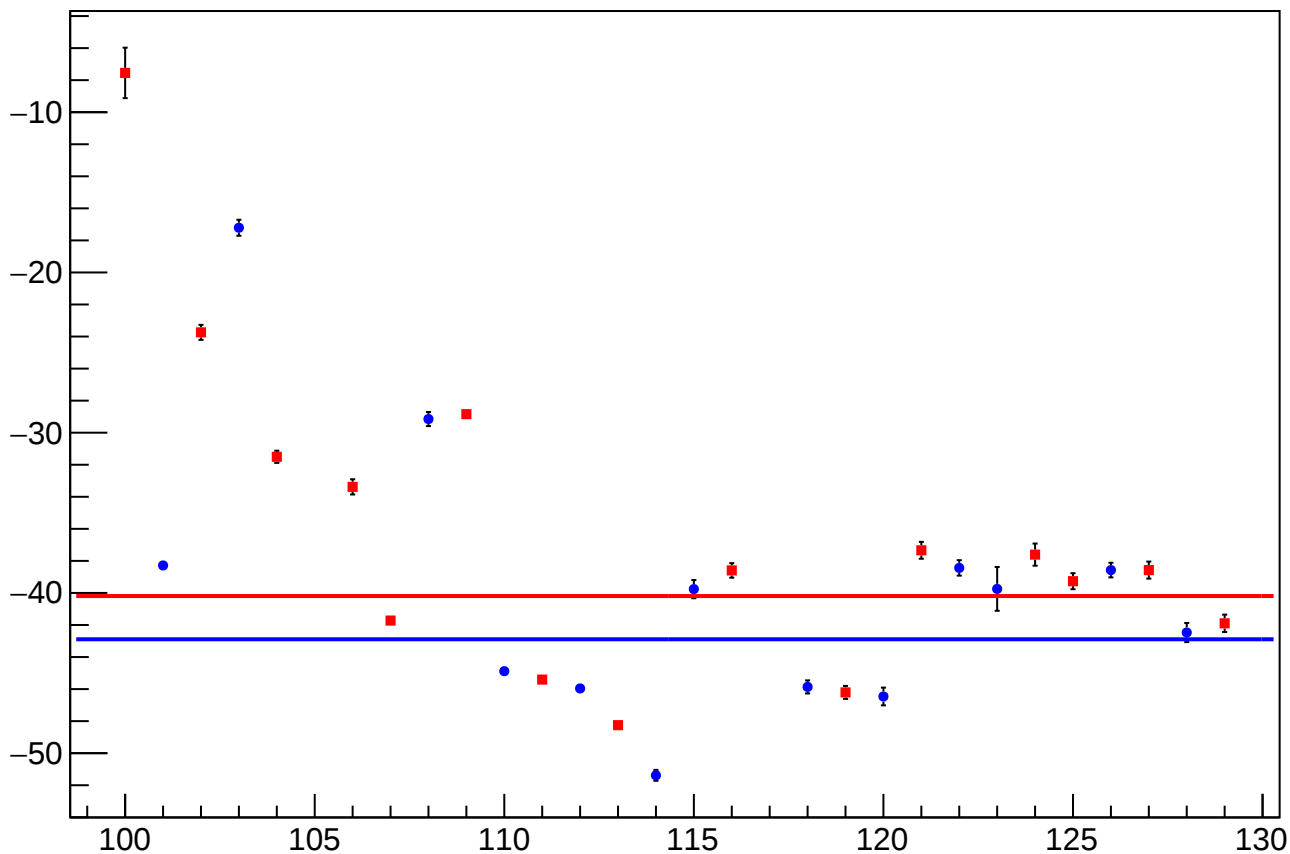
Right: 36.130+/-0.069 χ^2/NDF : 35756.2/27

In: 36.476+/-0.110 χ^2/NDF : 19795.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.130+/-0.069 χ^2/NDF : 35756.2/27

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.892 $\pm$ 0.084 χ^2 /NDF: 5501.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -40.194 $\pm$ 0.076 χ^2 /NDF: 10781.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

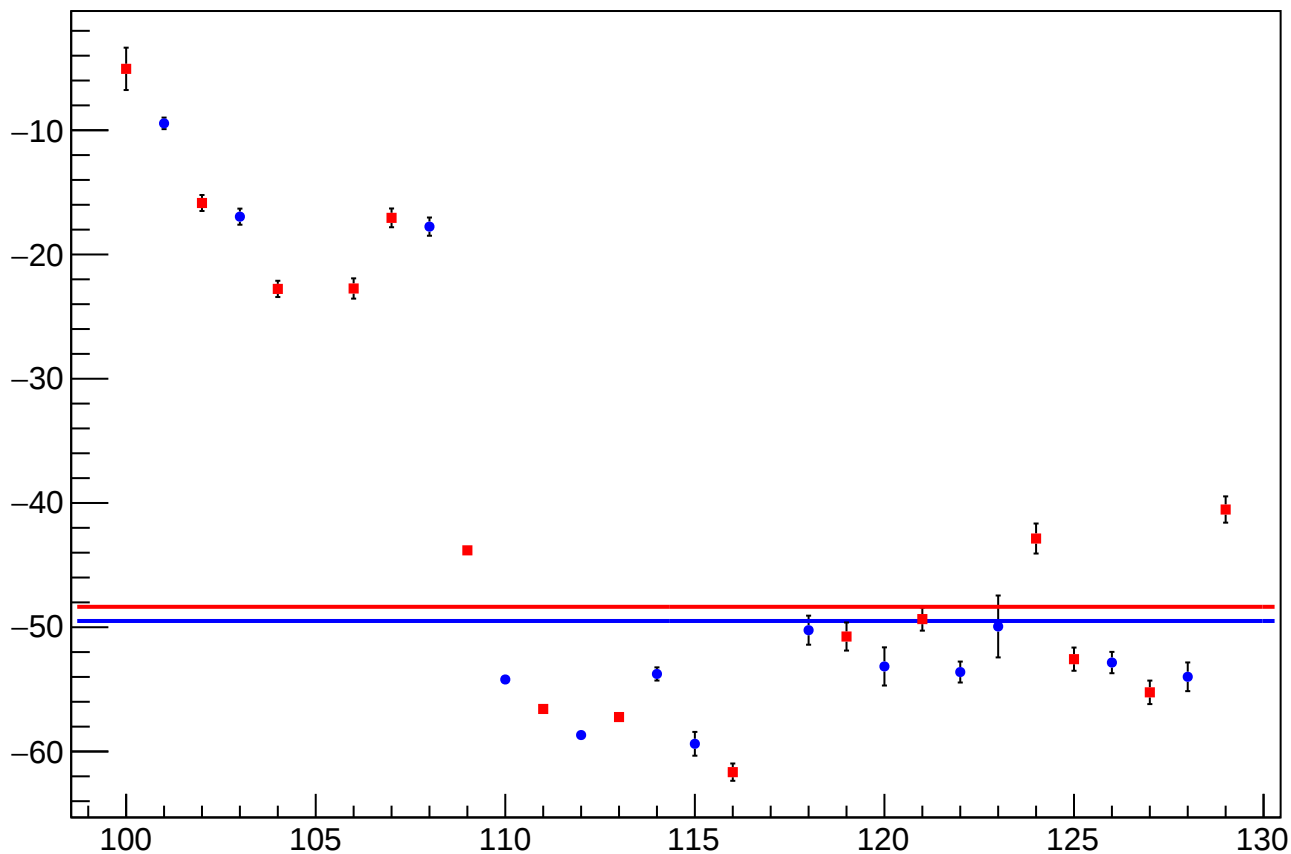
Right: -41.410 $\pm$ 0.057 χ^2 /NDF: 16845.5/27

In: -42.892 $\pm$ 0.084 χ^2 /NDF:5501.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -41.410 $\pm$ 0.057 χ^2 /NDF: 16845.5/27

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -49.497 $\pm$ 0.133 χ^2 /NDF: 14324.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -48.356 $\pm$ 0.111 χ^2 /NDF: 11347.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

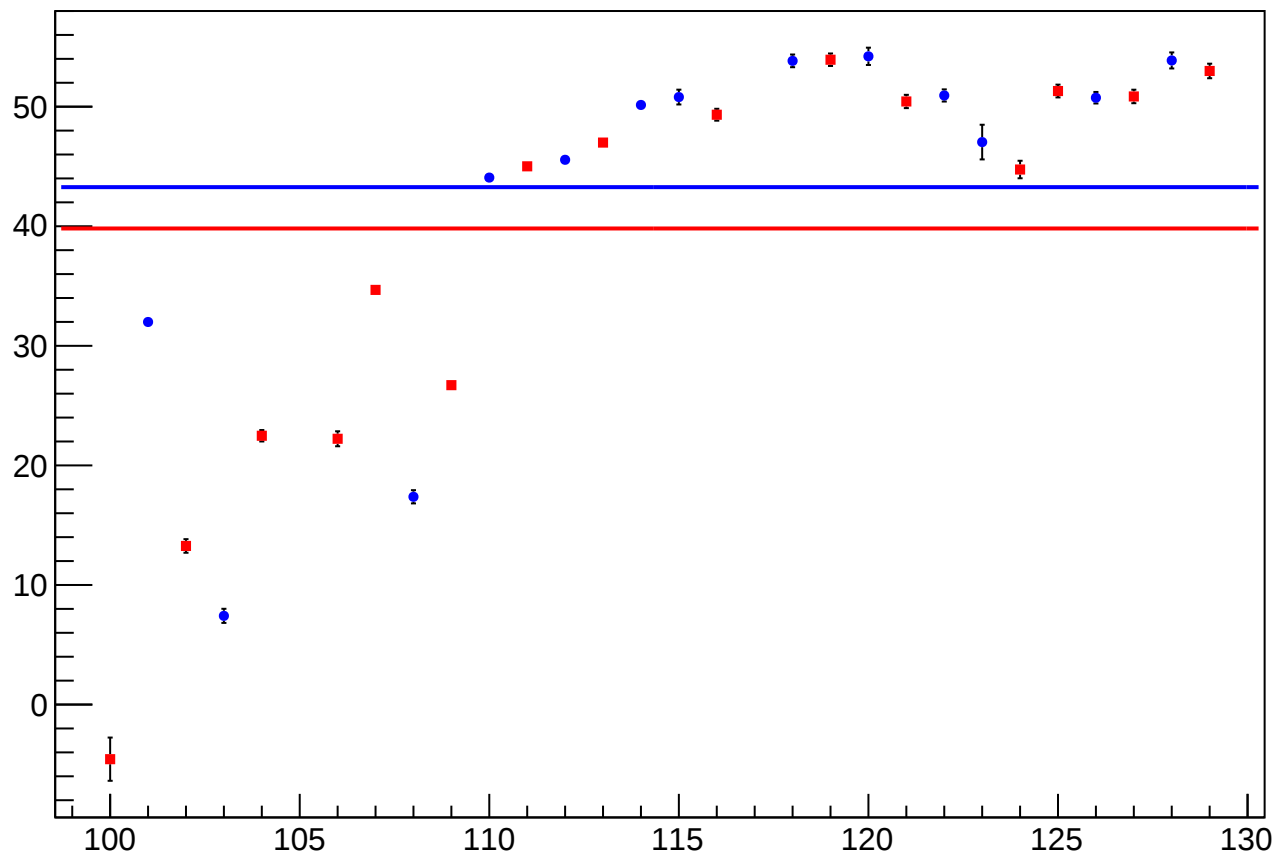
Right: -48.821 $\pm$ 0.085 χ^2 /NDF: 25715.3/27

In: -49.497 $\pm$ 0.133 χ^2 /NDF:14324.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -48.821 $\pm$ 0.085 χ^2 /NDF: 25715.3/27

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.271 $\pm$ 0.095 χ^2 /NDF: 9497.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 39.814 $\pm$ 0.084 χ^2 /NDF: 16014.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

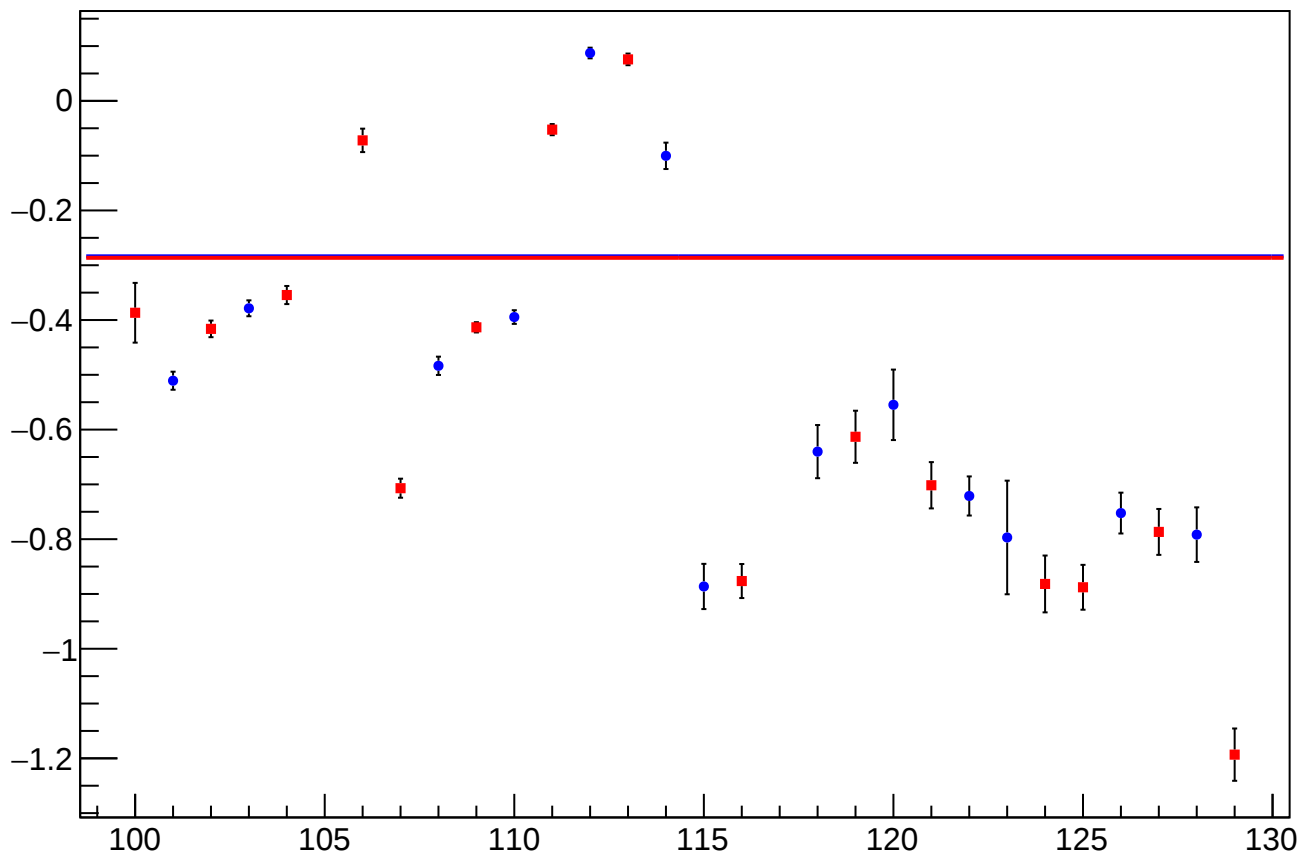
Right: 41.342 $\pm$ 0.063 χ^2 /NDF: 26255.1/27

In: 43.271 $\pm$ 0.095 χ^2 /NDF:9497.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 41.342 $\pm$ 0.063 χ^2 /NDF: 26255.1/27

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.284 ± 0.005 χ^2/NDF : 2681.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.286 ± 0.005 χ^2/NDF : 4008.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

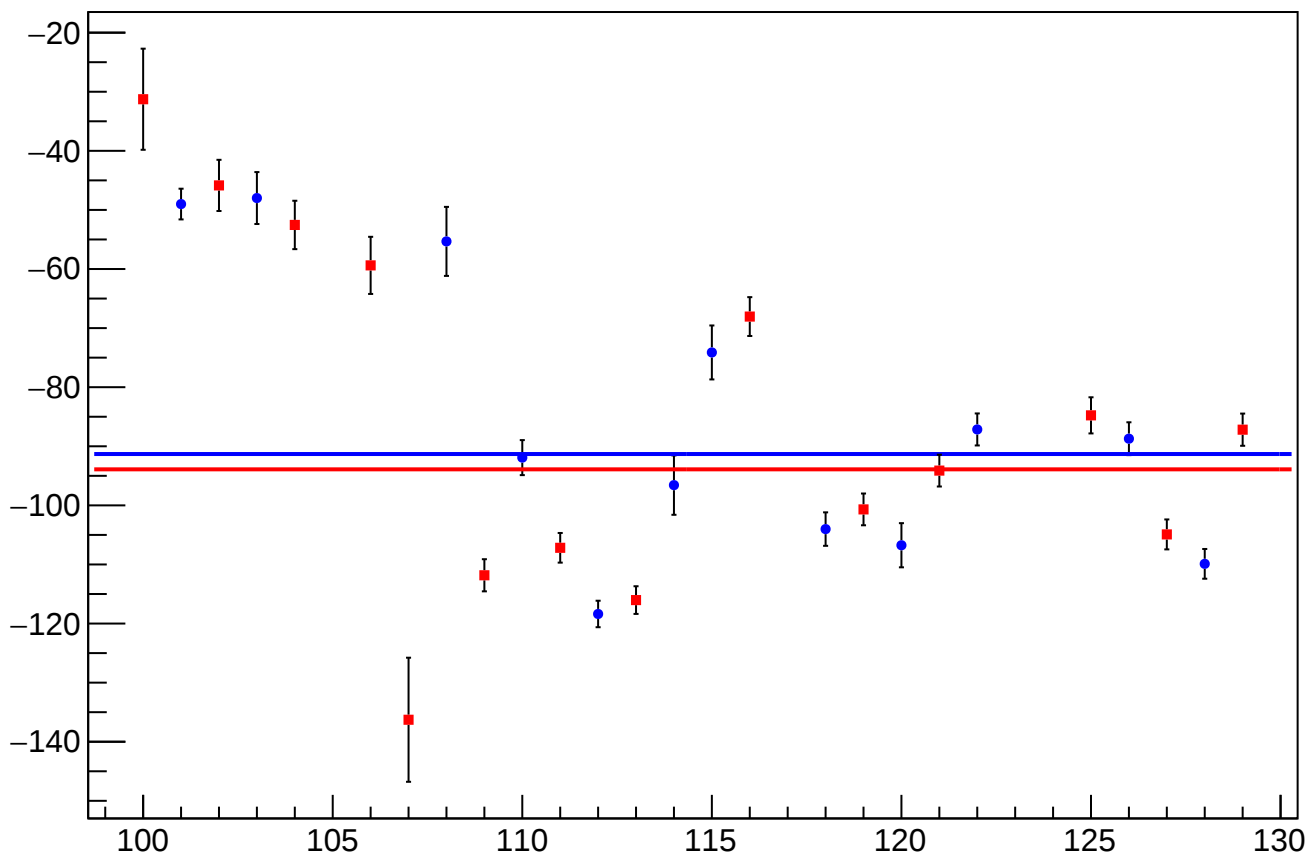
Right: -0.285 ± 0.003 χ^2/NDF : 6690.2/27

In: -0.284 ± 0.005 χ^2/NDF : 2681.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.285 ± 0.003 χ^2/NDF : 6690.2/27

reg_asym_usl_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -91.310+/-0.895 χ^2/NDF : 656.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -93.902+/-0.839 χ^2/NDF : 608.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

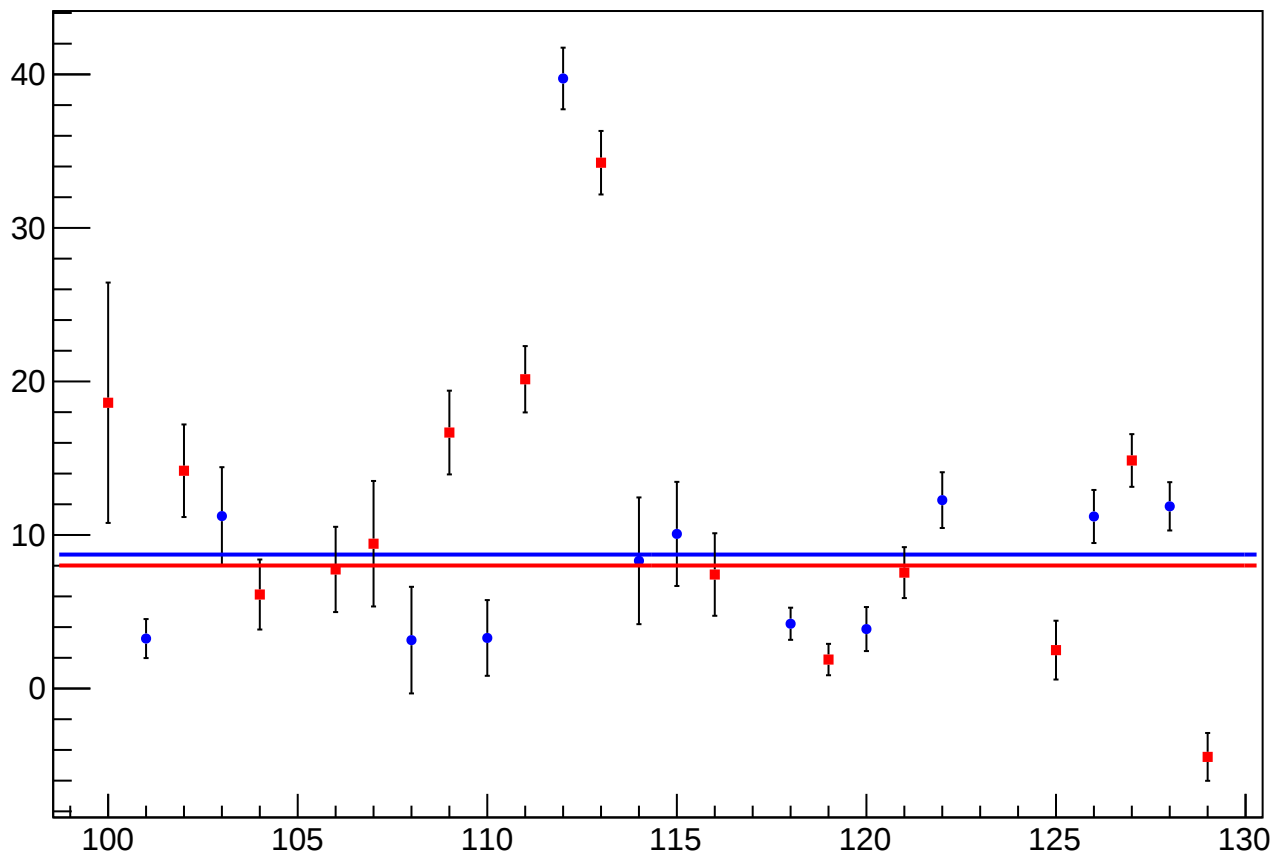
Right: -92.689+/-0.612 χ^2/NDF : 1269.5/25

In: -91.310+/-0.895 χ^2/NDF : 656.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -92.689+/-0.612 χ^2/NDF : 1269.5/25

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.725+/-0.513 χ^2/NDF : 305.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.012+/-0.529 χ^2/NDF : 333.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

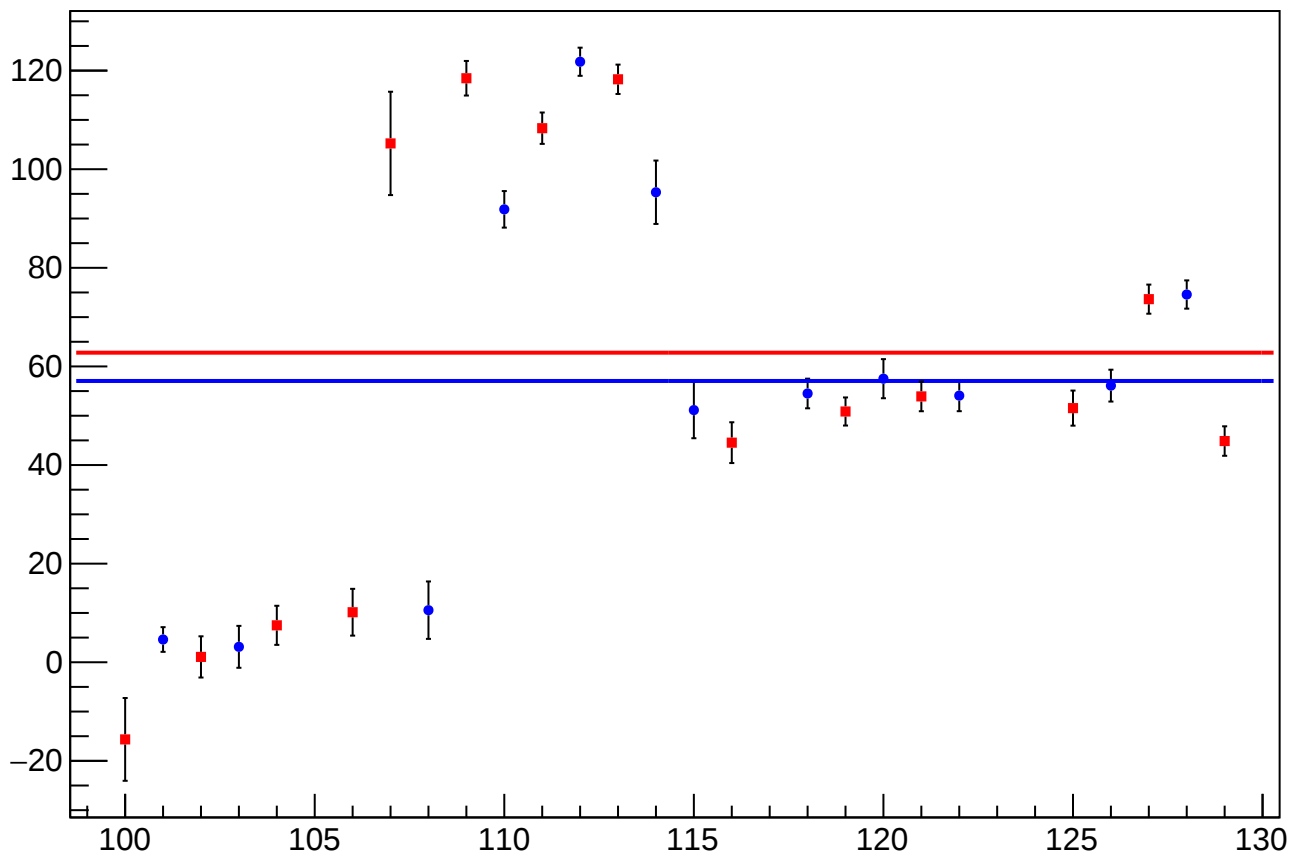
Right: 8.380+/-0.368 χ^2/NDF : 639.9/25

In: 8.725+/-0.513 χ^2/NDF : 305.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.380+/-0.368 χ^2/NDF : 639.9/25

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 57.051+/-1.007 χ^2/NDF : 1341.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.790+/-0.963 χ^2/NDF : 1548.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

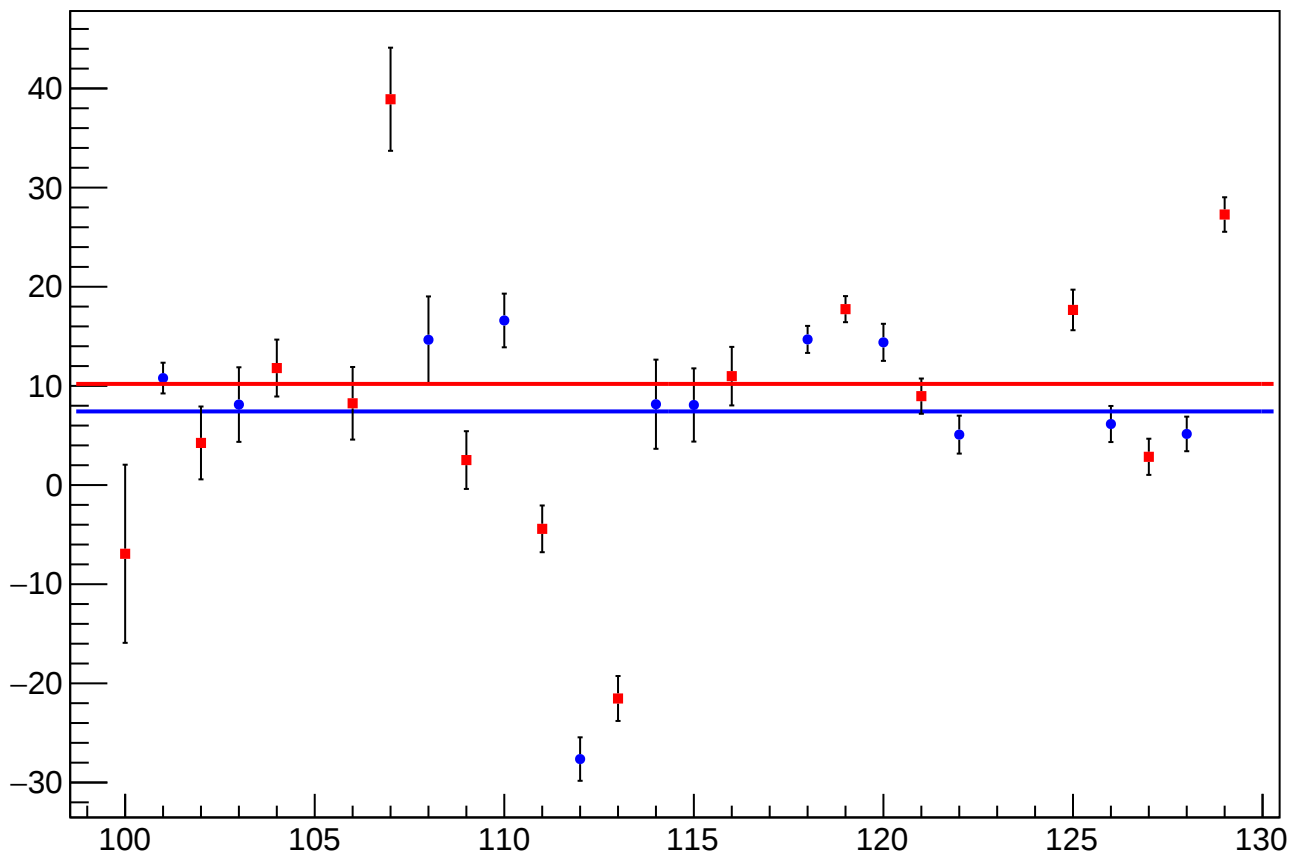
Right: 60.049+/-0.696 χ^2/NDF : 2906.4/25

In: 57.051+/-1.007 χ^2/NDF : 1341.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.049+/-0.696 χ^2/NDF : 2906.4/25

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.426+/-0.605 χ^2/NDF : 320.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.201+/-0.610 χ^2/NDF : 437.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

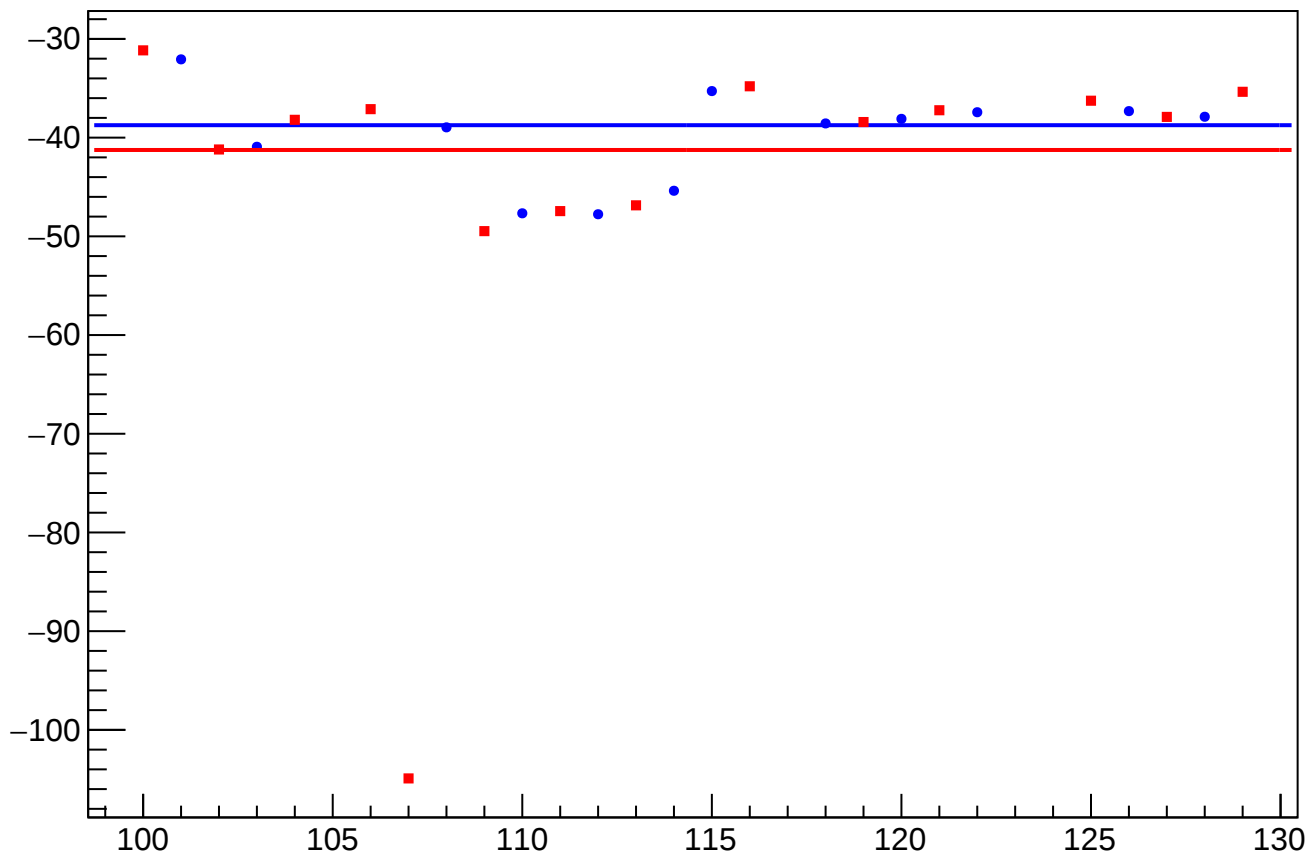
Right: 8.802+/-0.429 χ^2/NDF : 769.0/25

In: 7.426+/-0.605 χ^2/NDF : 320.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.802+/-0.429 χ^2/NDF : 769.0/25

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.739+/-0.038 χ^2/NDF : 14037.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -41.251+/-0.037 χ^2/NDF : 85777.3/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

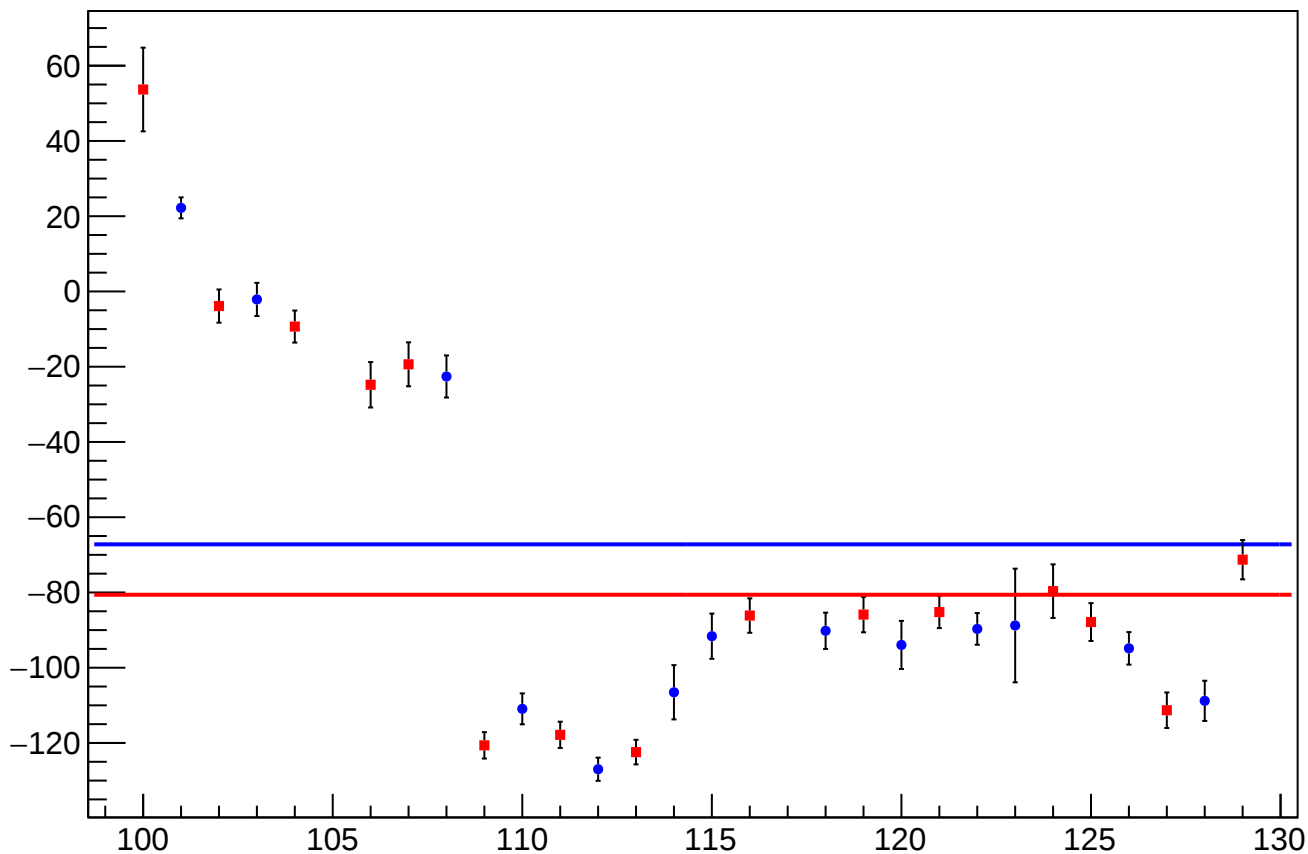
Right: -40.055+/-0.027 χ^2/NDF : 102053.9/25

In: -38.739+/-0.038 χ^2/NDF :14037.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -40.055+/-0.027 χ^2/NDF : 102053.9/25

reg_asym_usr_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -67.211+/-1.249 χ^2/NDF : 2020.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -80.607+/-1.181 χ^2/NDF : 1382.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

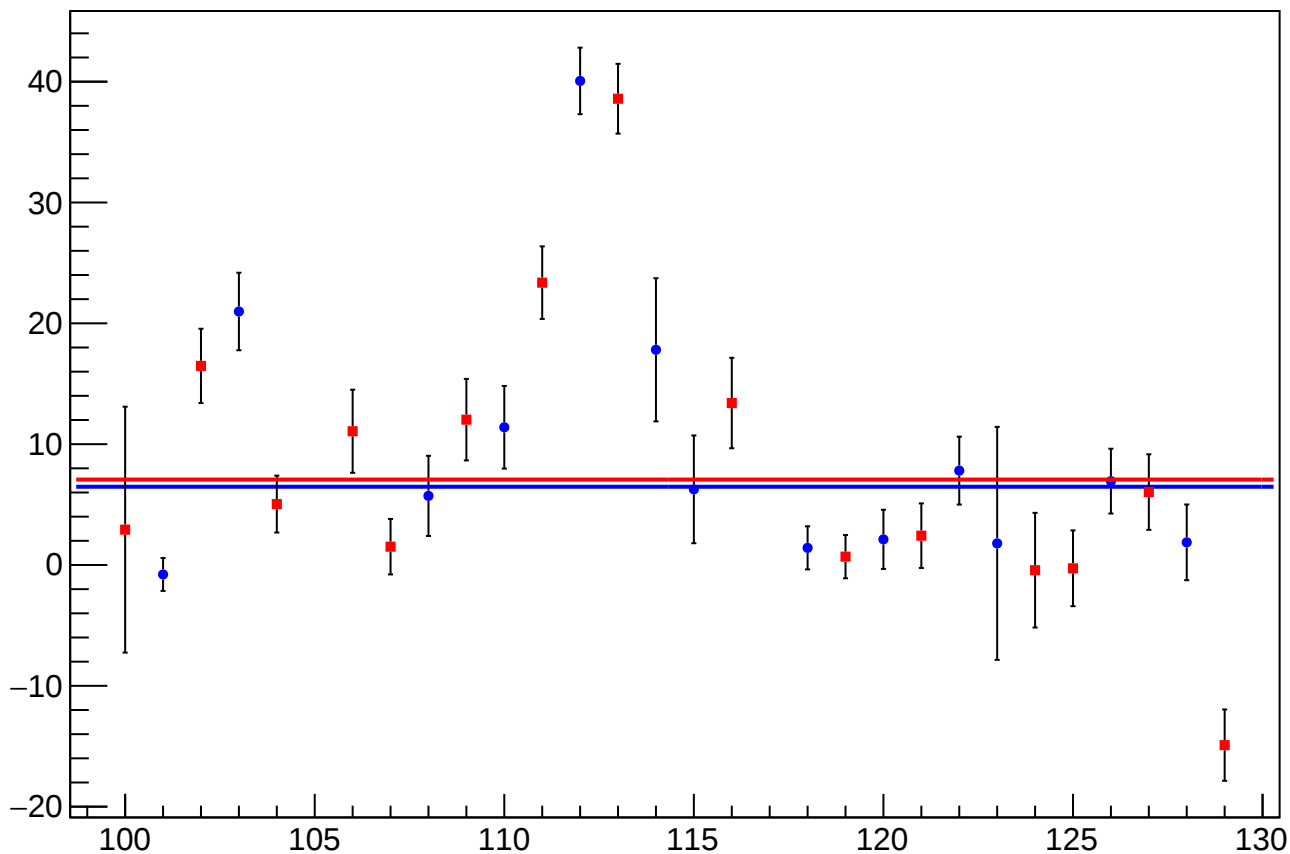
Right: -74.283+/-0.858 χ^2/NDF : 3463.3/27

In: -67.211+/-1.249 χ^2/NDF :2020.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -74.283+/-0.858 χ^2/NDF : 3463.3/27

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.476+/-0.729 χ^2/NDF : 217.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.071+/-0.750 χ^2/NDF : 250.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

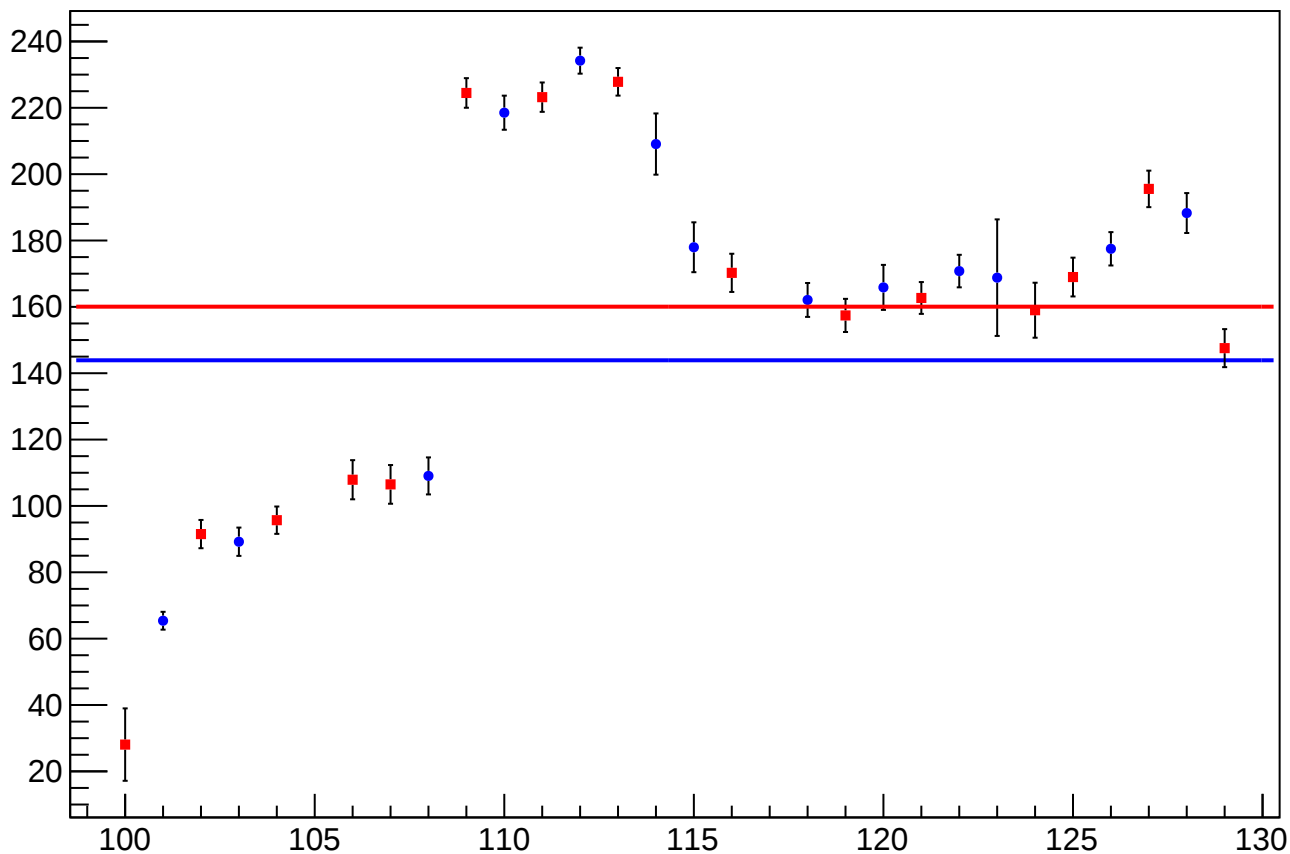
Right: 6.765+/-0.523 χ^2/NDF : 468.2/27

In: 6.476+/-0.729 χ^2/NDF : 217.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.765+/-0.523 χ^2/NDF : 468.2/27

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 143.897+/-1.373 χ^2/NDF : 2025.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 160.058+/-1.336 χ^2/NDF : 1542.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

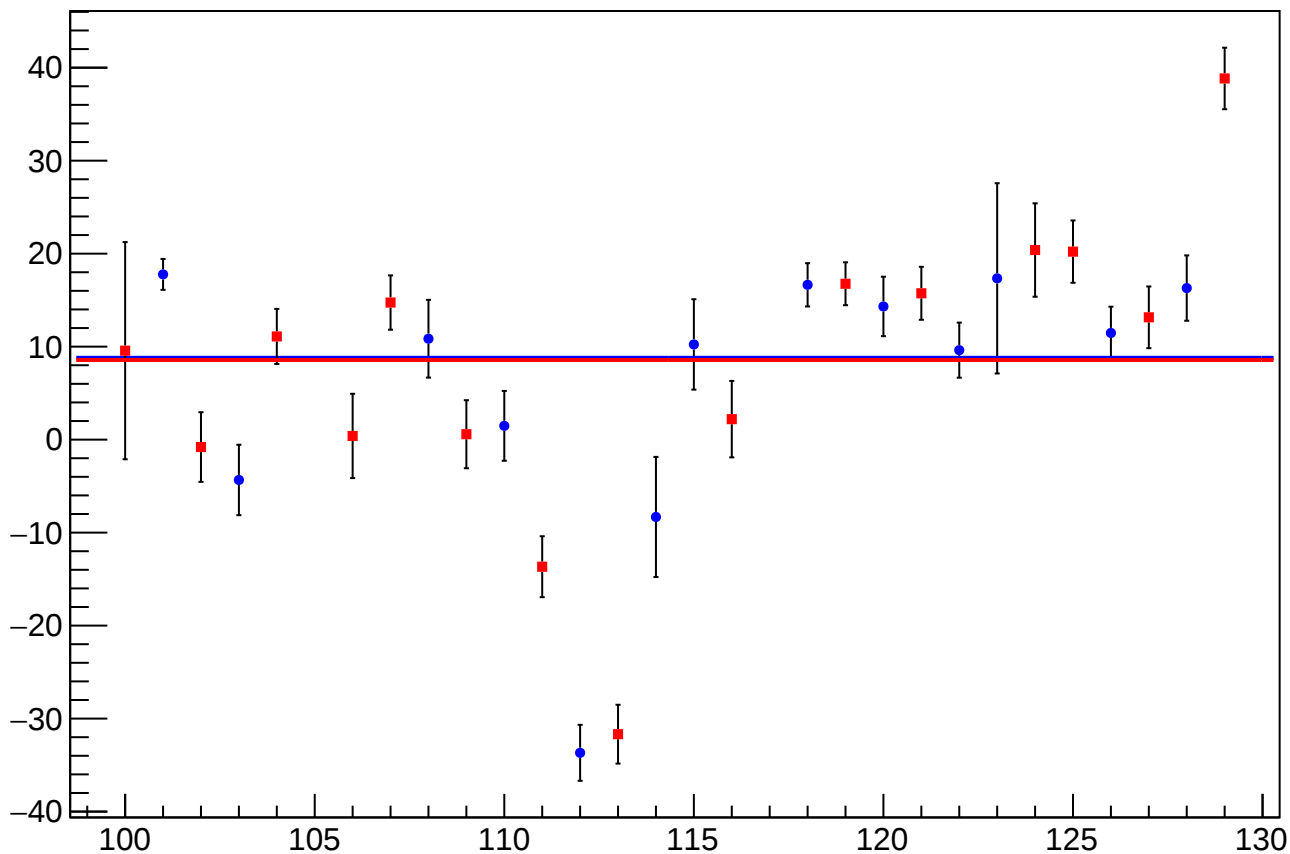
Right: 152.203+/-0.957 χ^2/NDF : 3638.4/27

In: 143.897+/-1.373 χ^2/NDF : 2025.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.203+/-0.957 χ^2/NDF : 3638.4/27

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.797 $\pm$ 0.861 χ^2 /NDF: 272.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 8.566 $\pm$ 0.875 χ^2 /NDF: 352.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

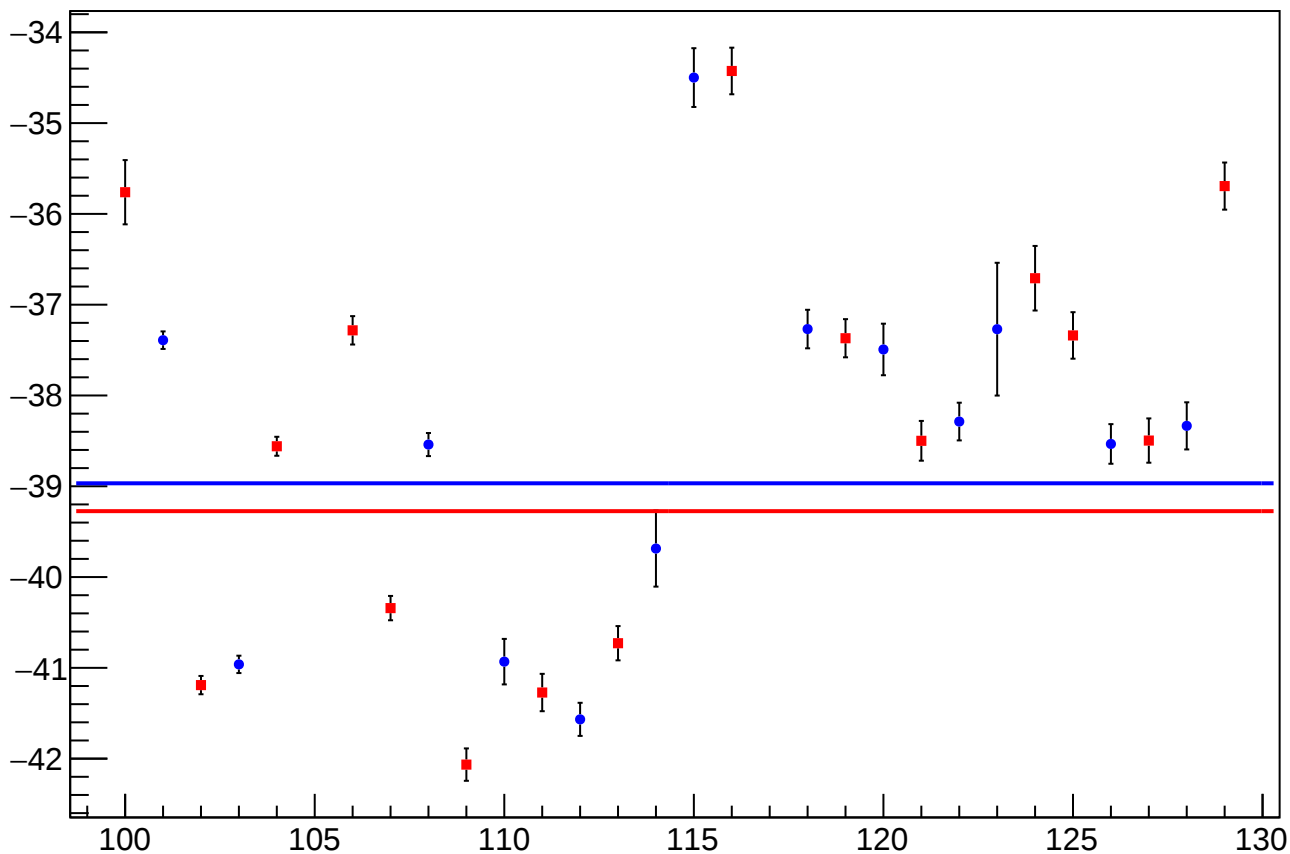
Right: 8.684 $\pm$ 0.614 χ^2 /NDF: 624.2/27

In: 8.797 $\pm$ 0.861 χ^2 /NDF:272.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 8.684 $\pm$ 0.614 χ^2 /NDF: 624.2/27

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.967+/-0.048 χ^2/NDF : 1288.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -39.274+/-0.045 χ^2/NDF : 1892.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

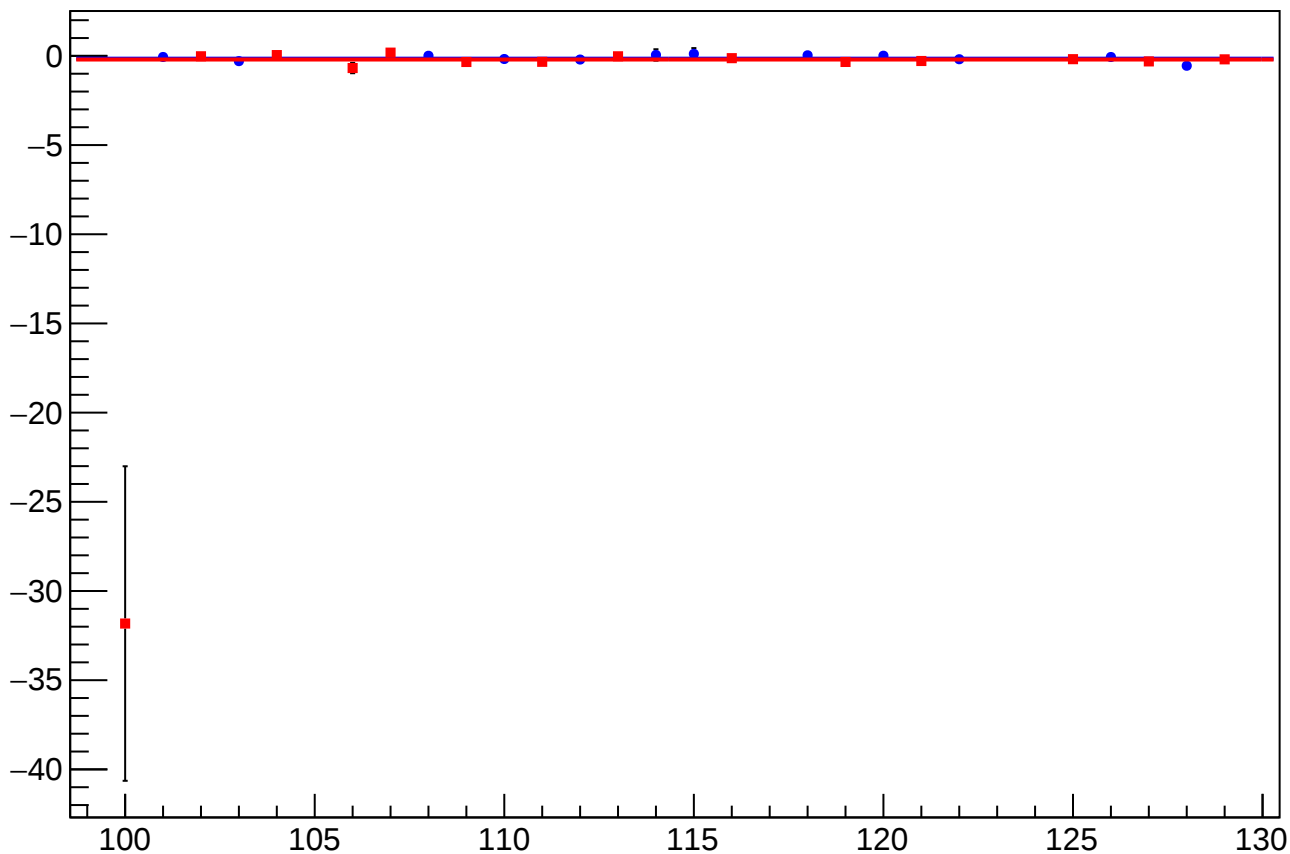
Right: -39.130+/-0.033 χ^2/NDF : 3202.0/27

In: -38.967+/-0.048 χ^2/NDF :1288.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -39.130+/-0.033 χ^2/NDF : 3202.0/27

reg_asym_dsl_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.156+/-0.057 χ^2/NDF : 9.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.204+/-0.054 χ^2/NDF : 23.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

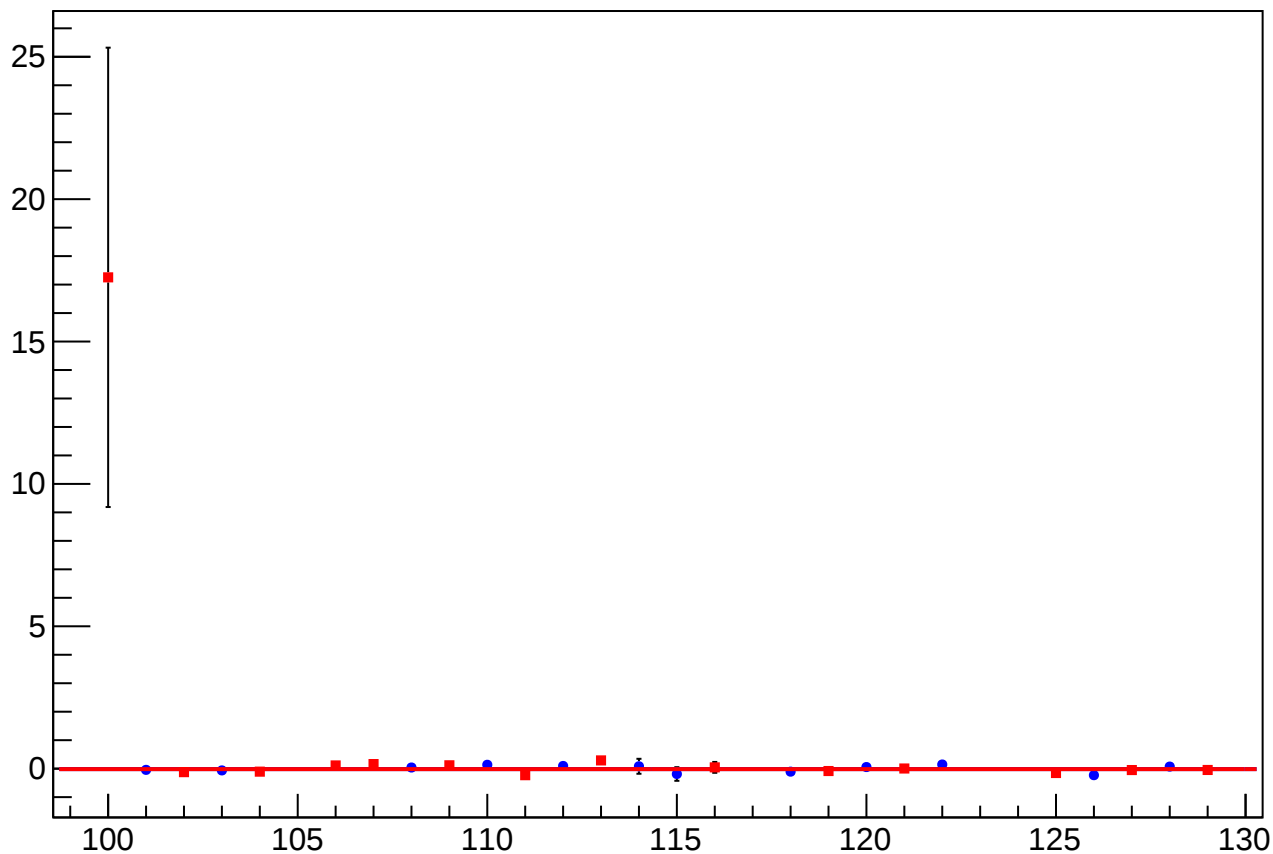
Right: -0.181+/-0.039 χ^2/NDF : 33.3/25

In: -0.156+/-0.057 χ^2/NDF : 9.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.181+/-0.039 χ^2/NDF : 33.3/25

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.016 ± 0.033 χ^2/NDF : 9.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.016 ± 0.034 χ^2/NDF : 19.1/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

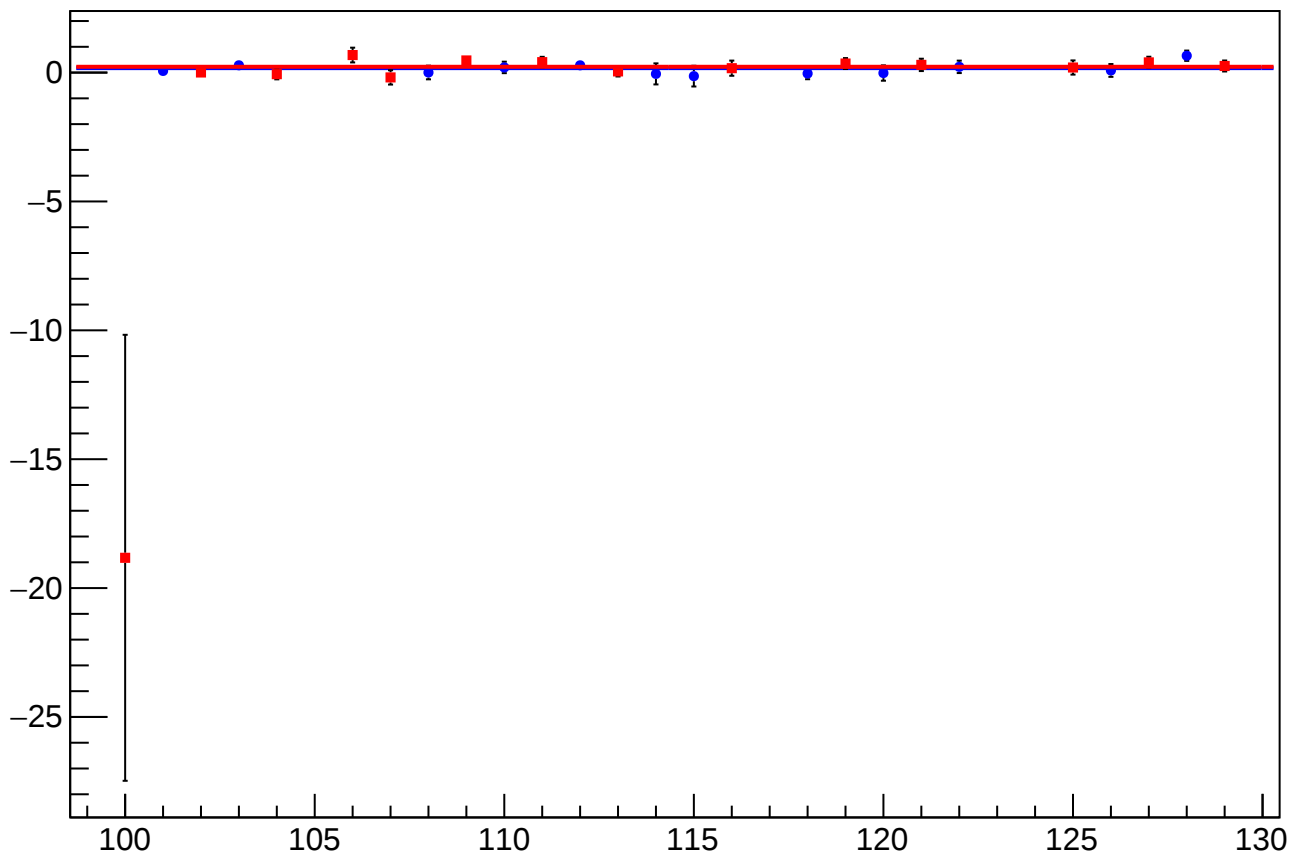
Right: -0.016 ± 0.024 χ^2/NDF : 28.3/25

In: -0.016 ± 0.033 χ^2/NDF : 9.2/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.024 χ^2/NDF : 28.3/25

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.173+/-0.063 χ^2/NDF : 10.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.225+/-0.062 χ^2/NDF : 17.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

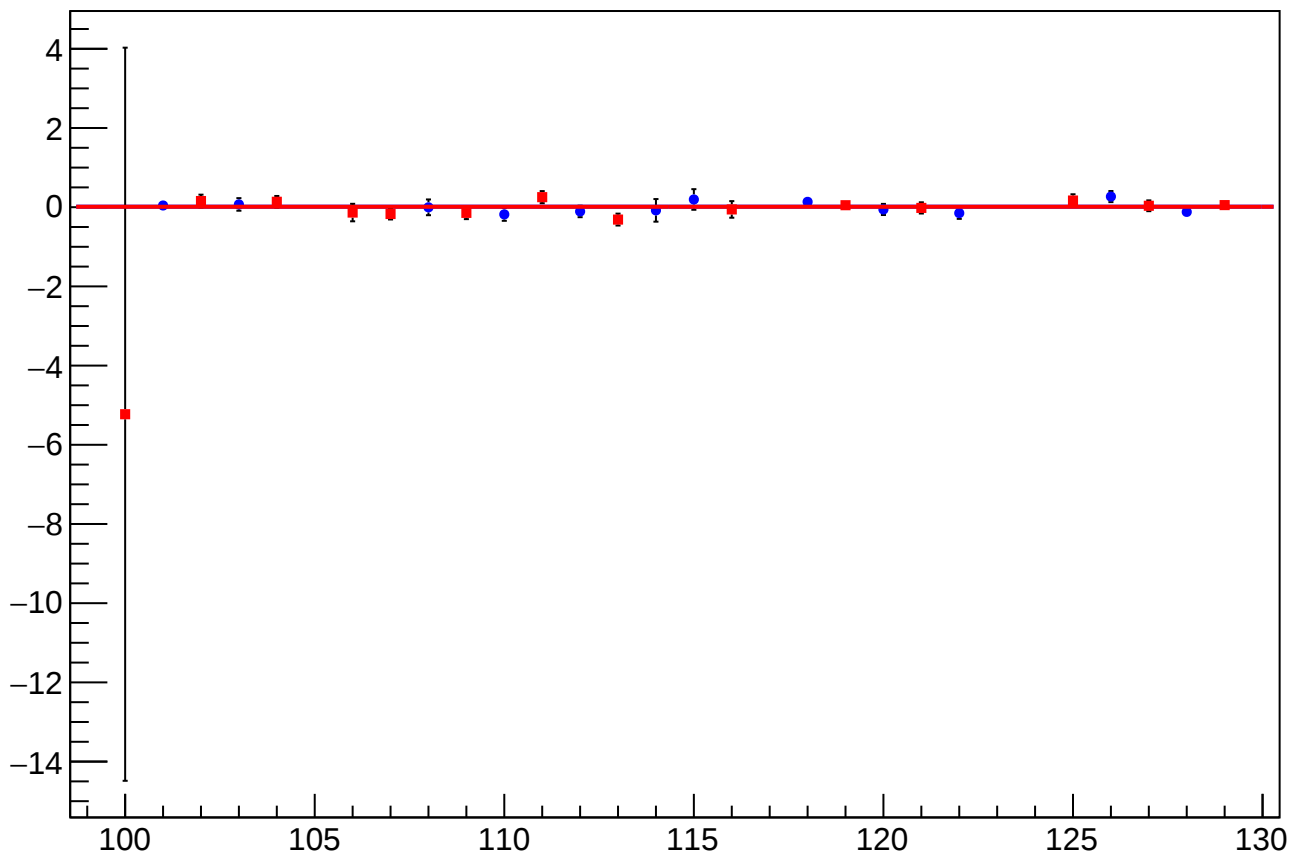
Right: 0.199+/-0.044 χ^2/NDF : 27.8/25

In: 0.173+/-0.063 χ^2/NDF : 10.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.199+/-0.044 χ^2/NDF : 27.8/25

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.013+/-0.039 χ^2/NDF : 10.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.040 χ^2/NDF : 13.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

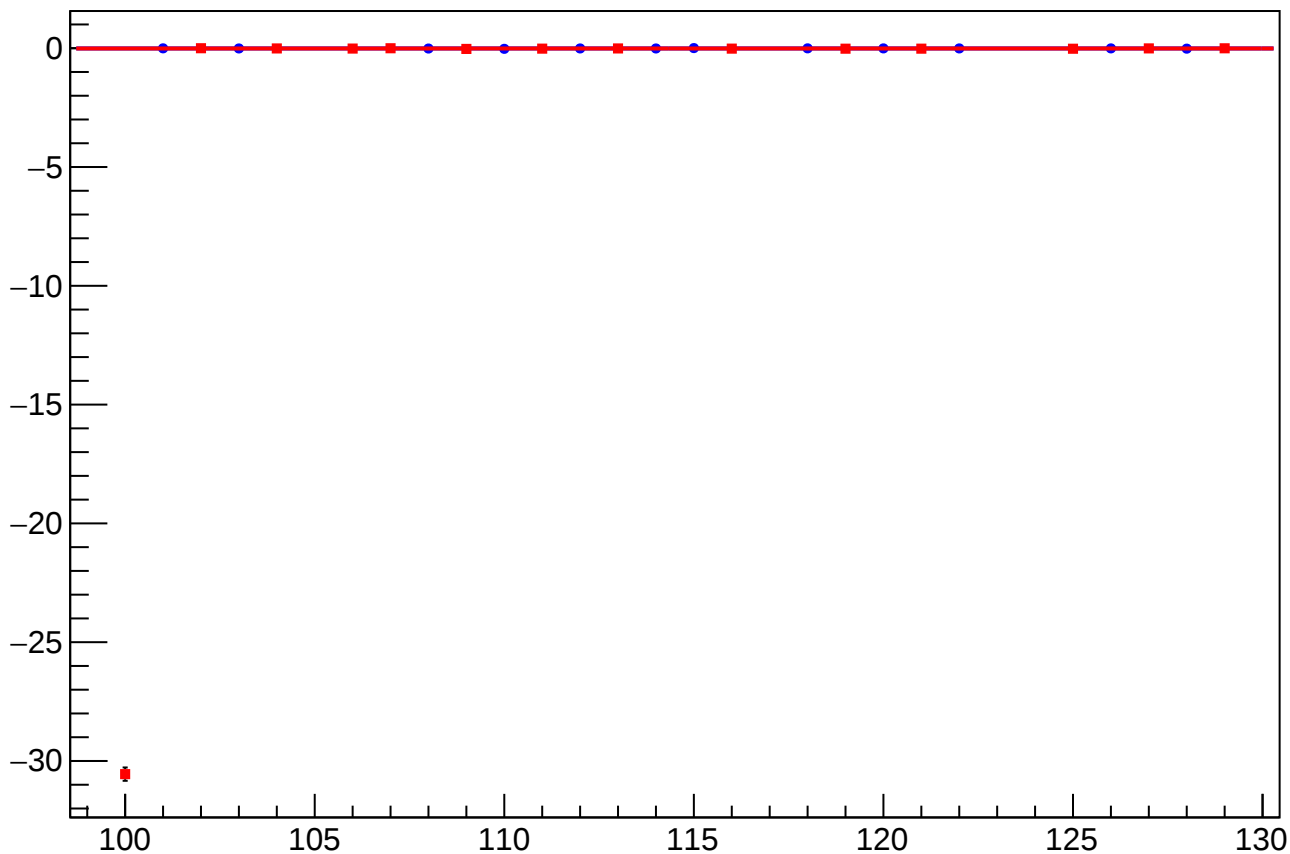
Right: 0.012+/-0.028 χ^2/NDF : 24.1/25

In: 0.013+/-0.039 χ^2/NDF : 10.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.028 χ^2/NDF : 24.1/25

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.010+/-0.002 χ^2 /NDF: 5.6/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.011+/-0.002 χ^2 /NDF: 11884.7/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

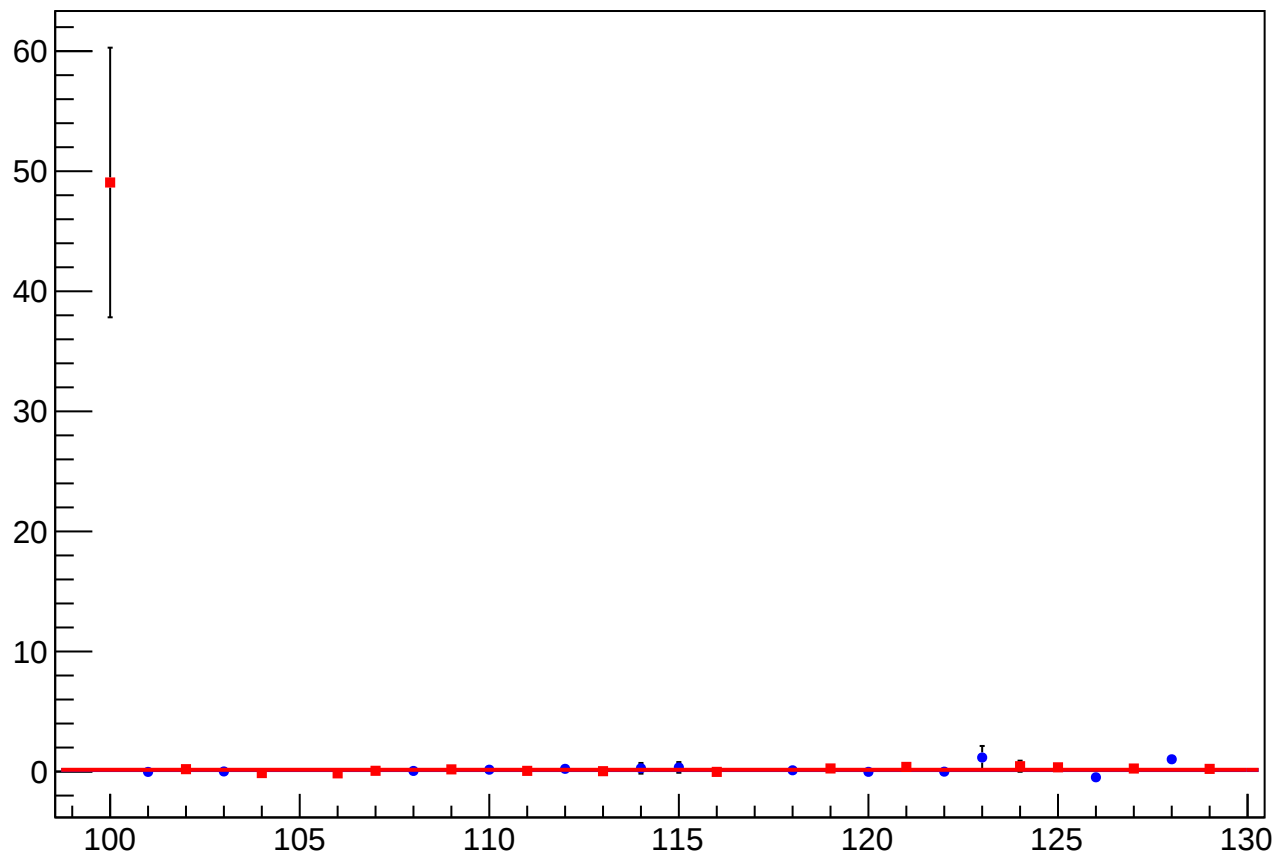
Right: -0.011+/-0.001 χ^2 /NDF: 11890.6/25

In: -0.010+/-0.002 χ^2 /NDF:5.6/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.011+/-0.001 χ^2 /NDF: 11890.6/25

reg_asym_dsr_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 0.126+/-0.072 χ^2/NDF : 21.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.148+/-0.071 χ^2/NDF : 23.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

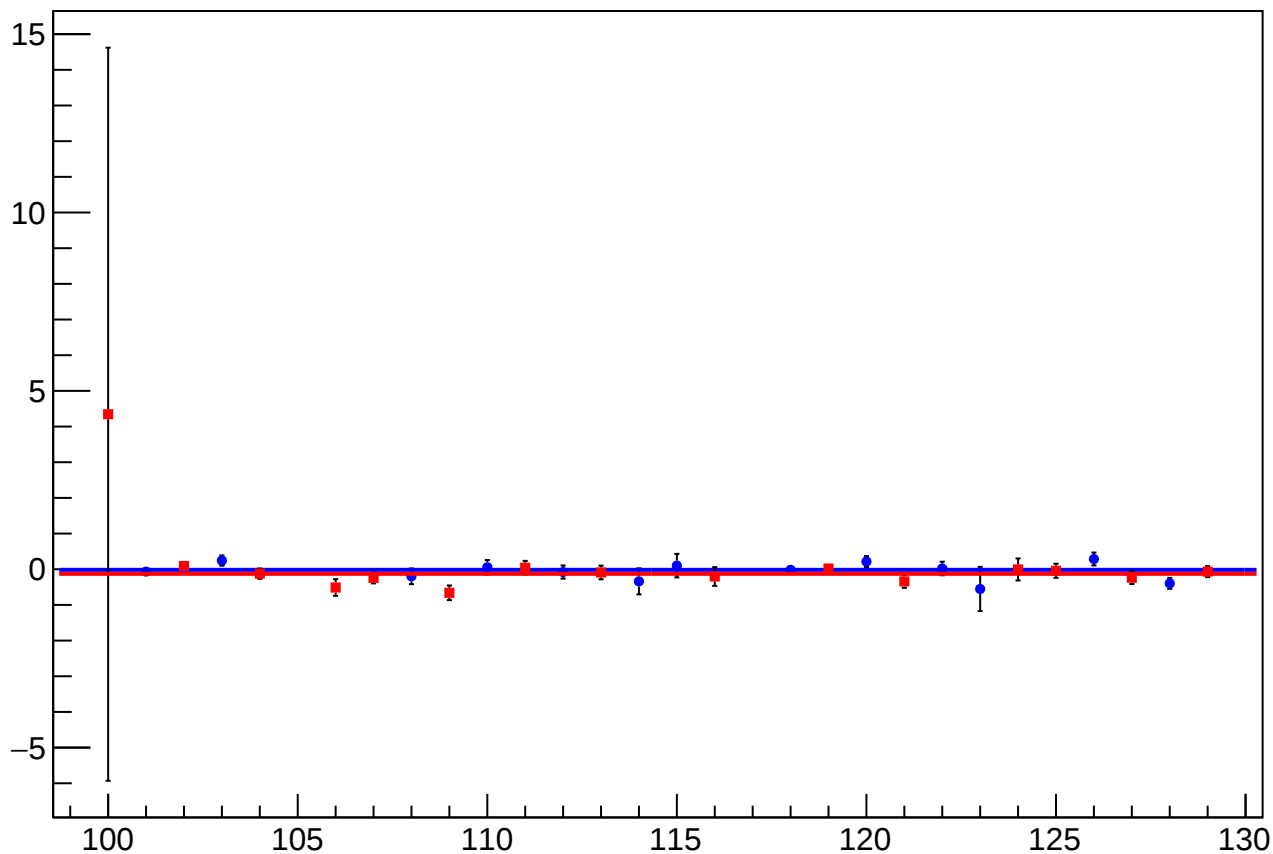
Right: 0.137+/-0.051 χ^2/NDF : 45.1/27

In: 0.126+/-0.072 χ^2/NDF : 21.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.137+/-0.051 χ^2/NDF : 45.1/27

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.016 $\pm$ 0.042 χ^2 /NDF: 17.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.129 $\pm$ 0.046 χ^2 /NDF: 17.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

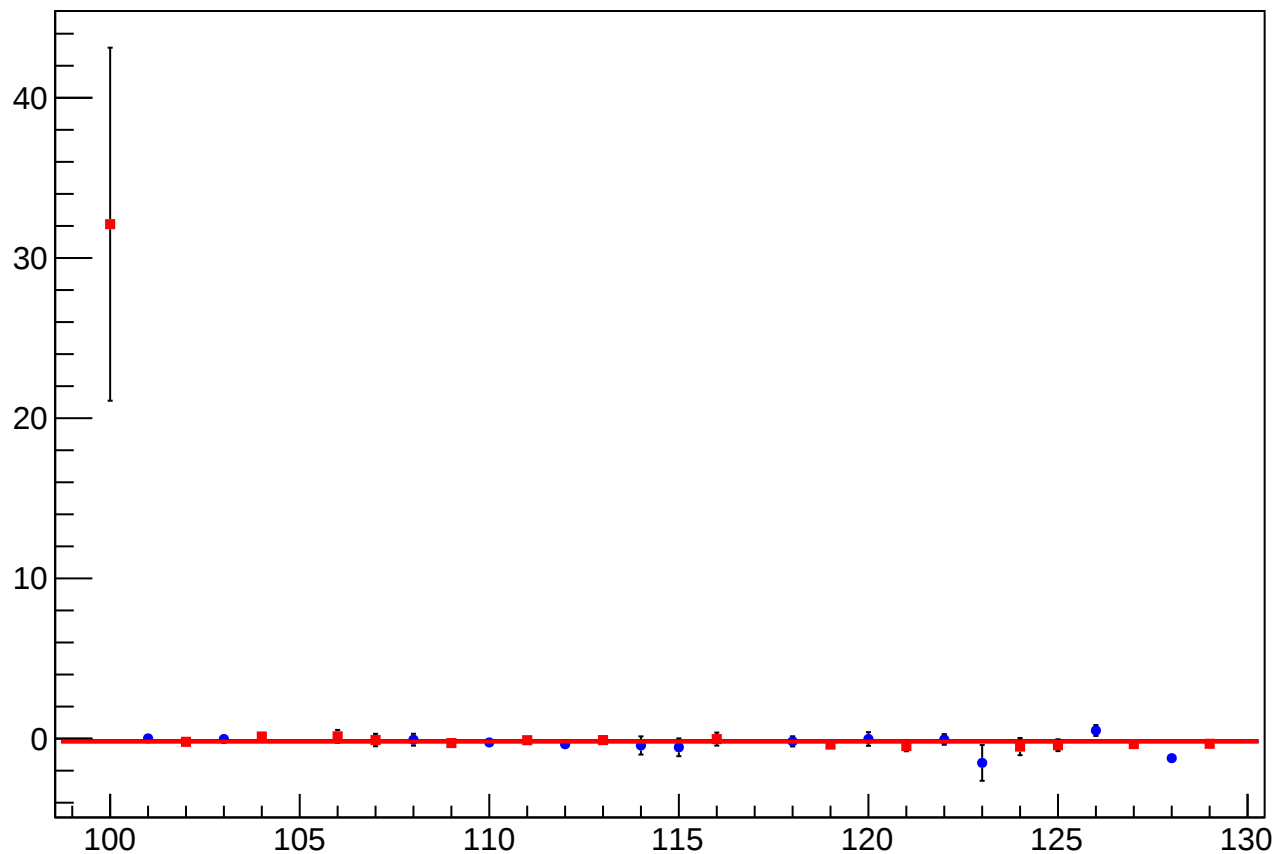
Right: -0.068 $\pm$ 0.031 χ^2 /NDF: 38.6/27

In: -0.016 $\pm$ 0.042 χ^2 /NDF:17.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.068 $\pm$ 0.031 χ^2 /NDF: 38.6/27

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.158 +/- 0.078 χ^2/NDF : 23.5/12

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -0.189 +/- 0.080 χ^2/NDF : 13.8/14

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

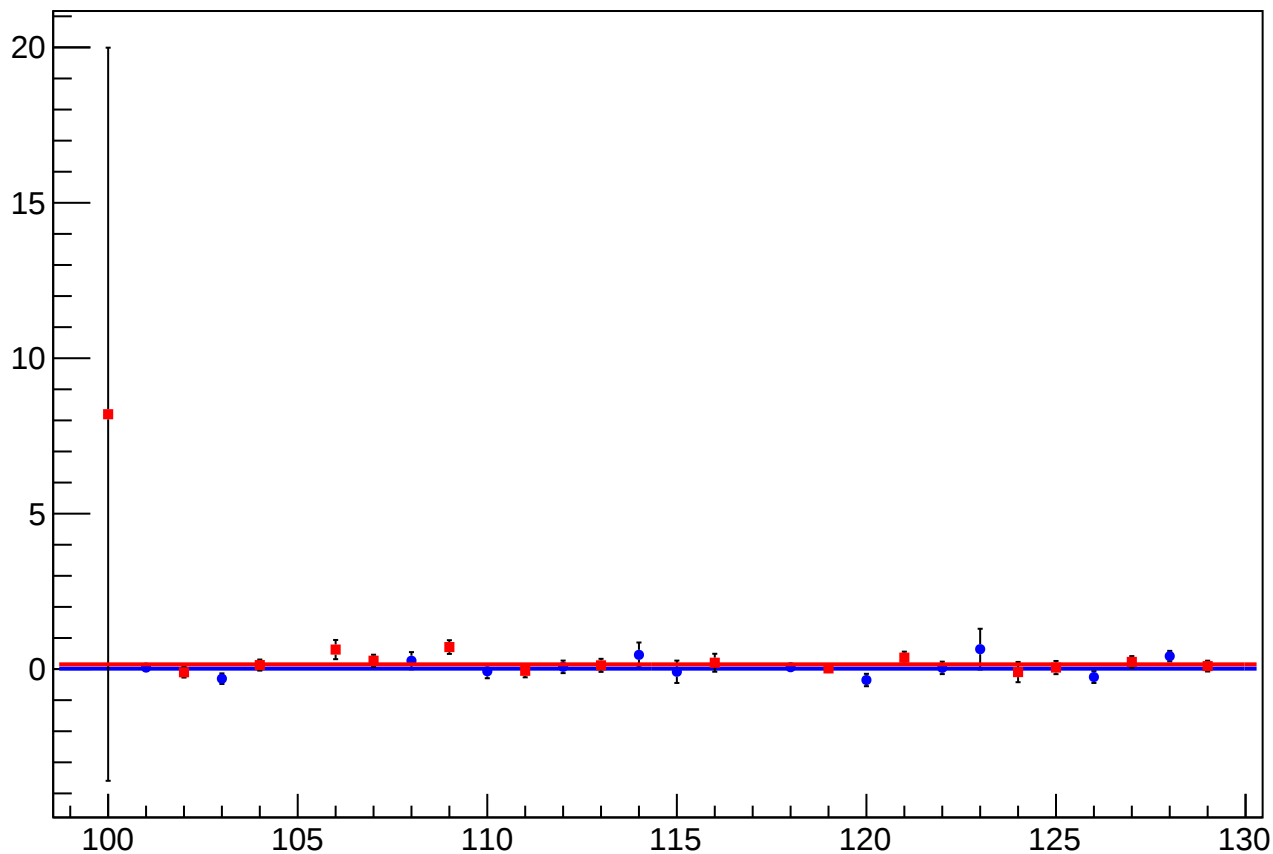
Right: -0.173 +/- 0.056 χ^2/NDF : 37.4/27

In: -0.158 +/- 0.078 χ^2/NDF : 23.5/12

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -0.173 +/- 0.056 χ^2/NDF : 37.4/27

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.014+/-0.050 χ^2/NDF : 18.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.152+/-0.053 χ^2/NDF : 16.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

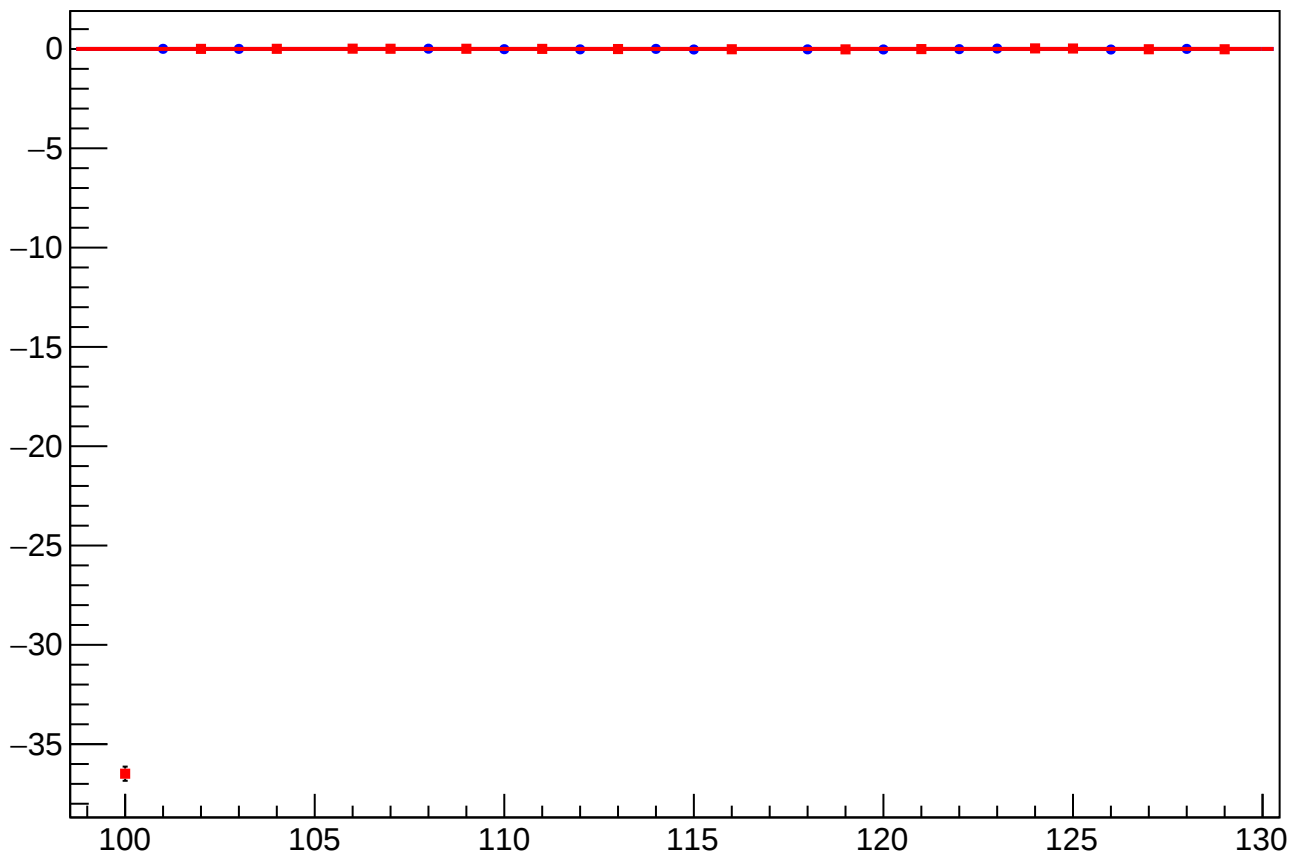
Right: 0.079+/-0.036 χ^2/NDF : 37.8/27

In: 0.014+/-0.050 χ^2/NDF : 18.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.079+/-0.036 χ^2/NDF : 37.8/27

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.003 χ^2 /NDF: 18.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.003 χ^2 /NDF: 10443.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

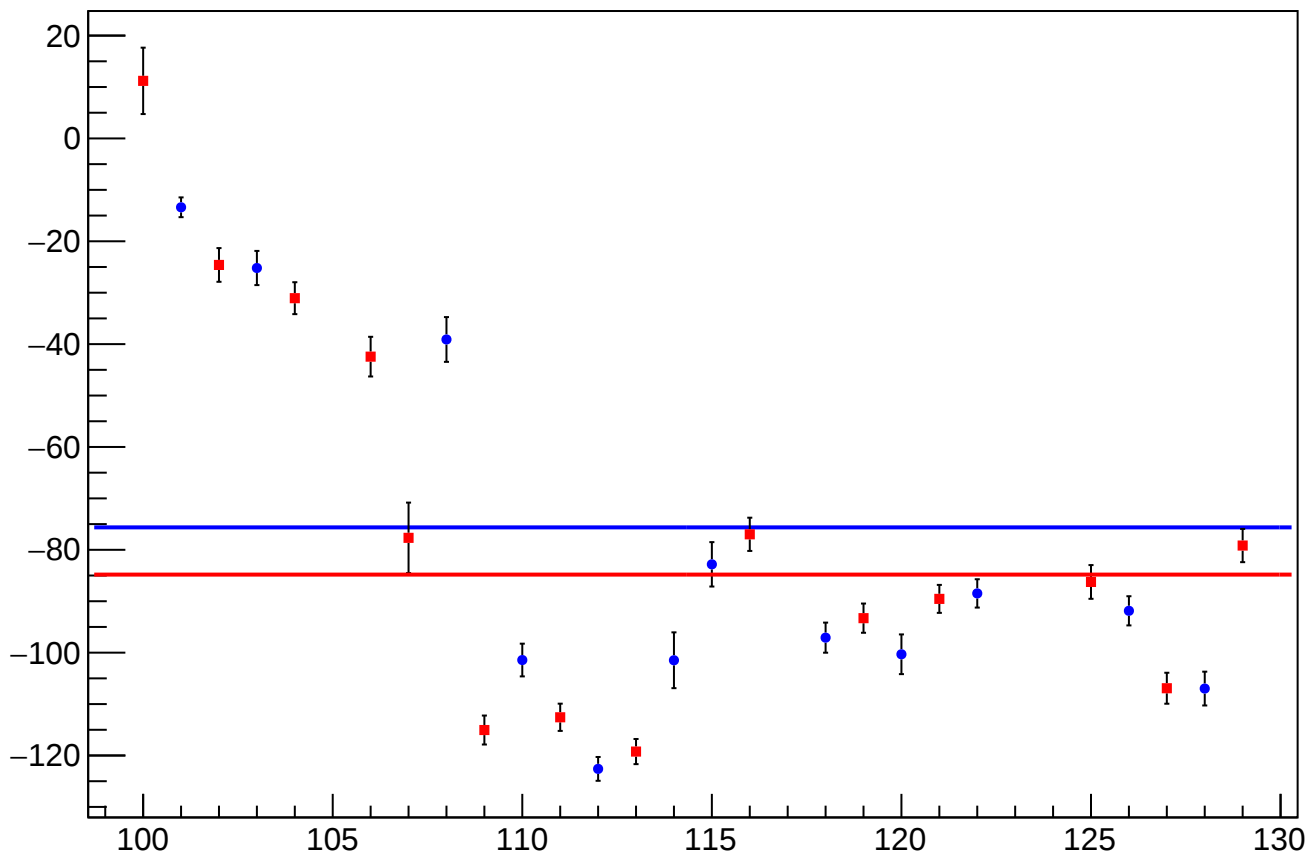
Right: 0.002 $\pm$ 0.002 χ^2 /NDF: 10461.8/27

In: 0.002 $\pm$ 0.003 χ^2 /NDF:18.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.002 χ^2 /NDF: 10461.8/27

reg_asym_us_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -75.637 ± 0.871 χ^2/NDF : 2091.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -84.820 ± 0.846 χ^2/NDF : 1478.4/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

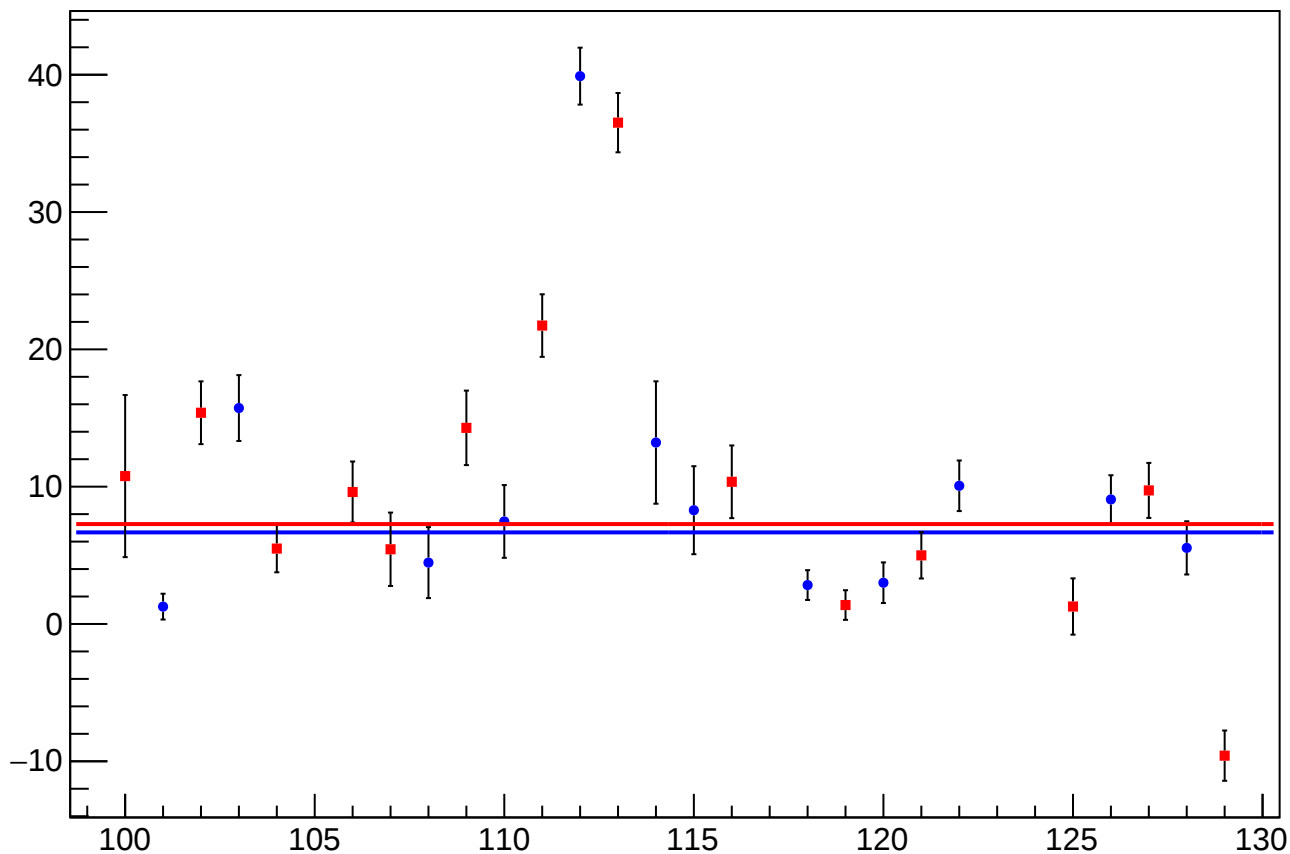
Right: -80.364 ± 0.607 χ^2/NDF : 3627.0/25

In: -75.637 ± 0.871 χ^2/NDF : 2091.4/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -80.364 ± 0.607 χ^2/NDF : 3627.0/25

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.670+/-0.490 χ^2/NDF : 331.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.275+/-0.529 χ^2/NDF : 373.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

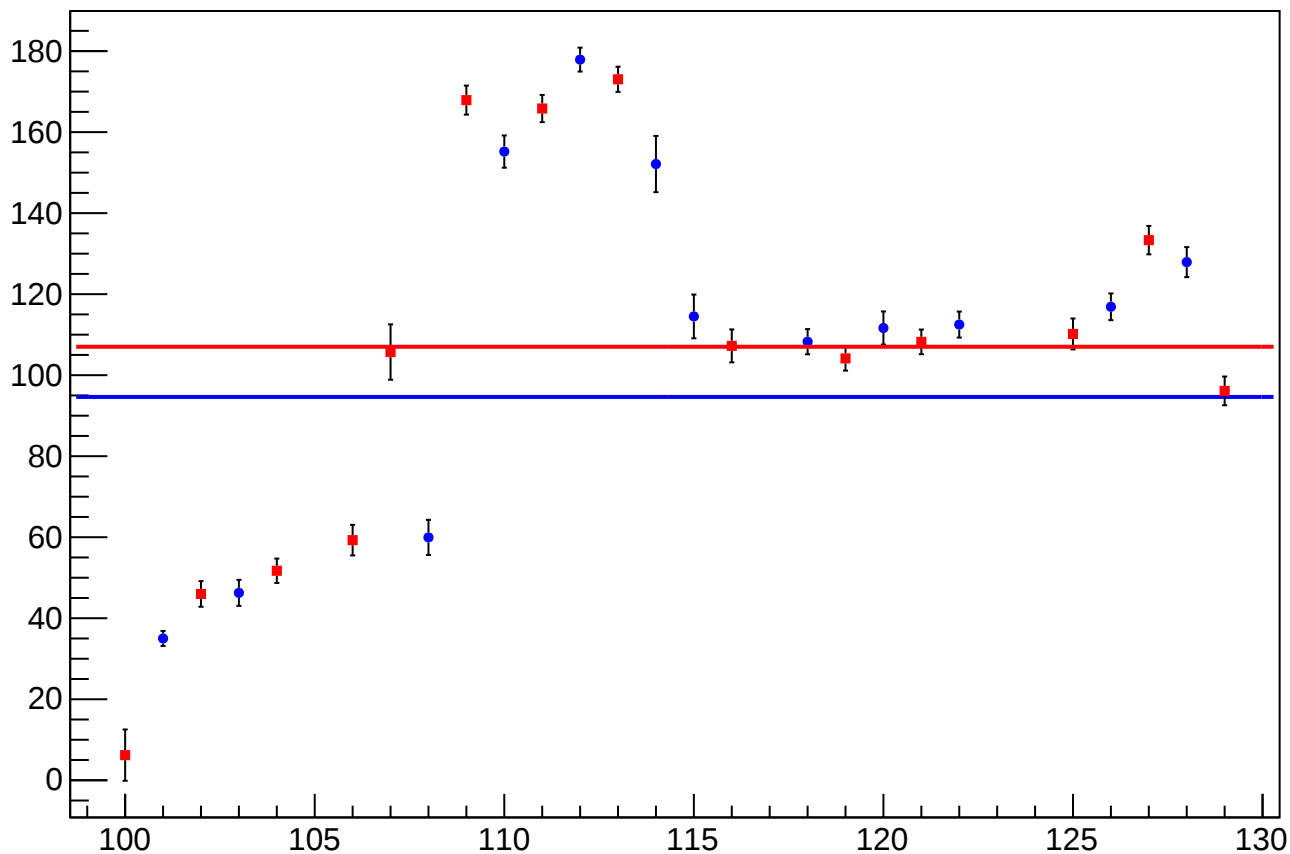
Right: 6.950+/-0.359 χ^2/NDF : 706.2/25

In: 6.670+/-0.490 χ^2/NDF : 331.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.950+/-0.359 χ^2/NDF : 706.2/25

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 94.630+/-0.954 χ^2/NDF : 2630.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.019+/-0.951 χ^2/NDF : 2238.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

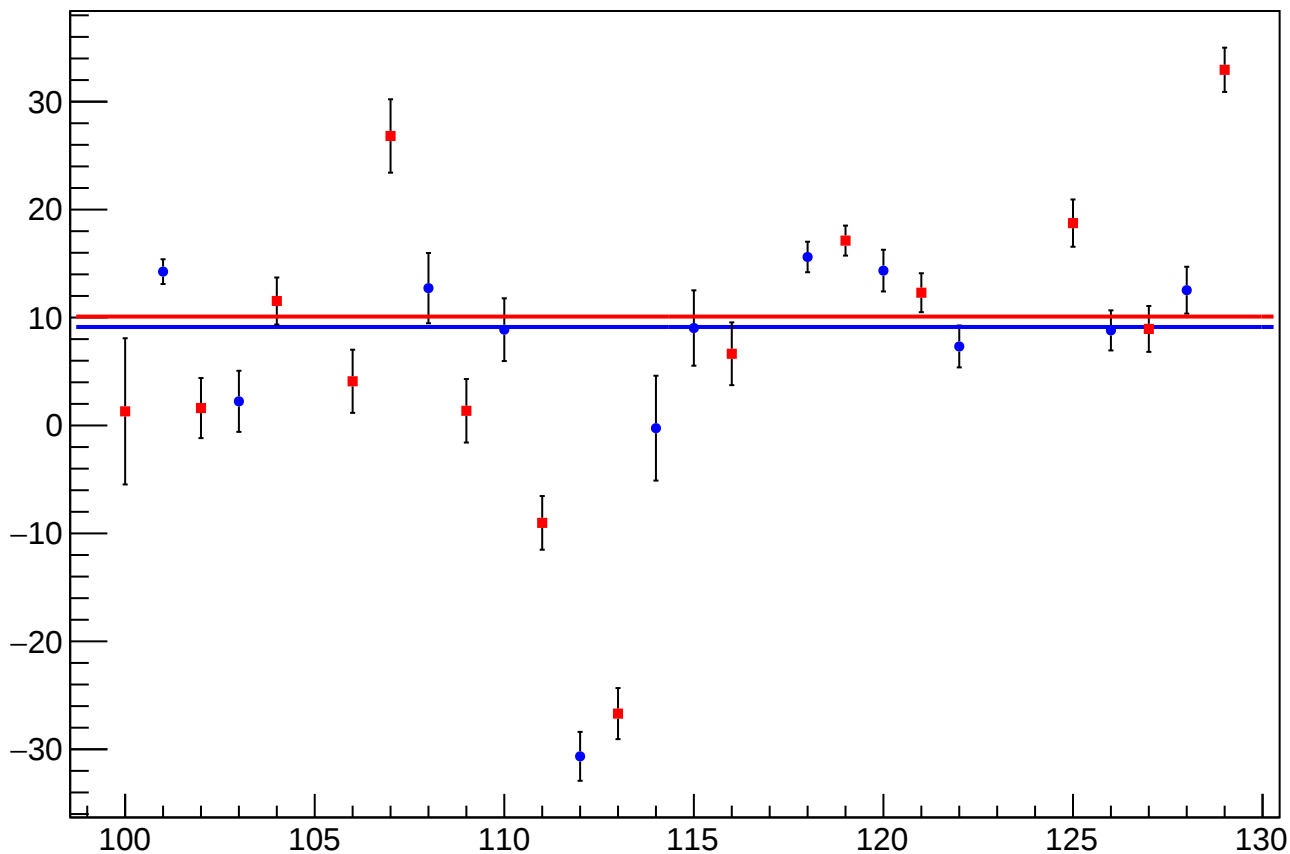
Right: 100.842+/-0.674 χ^2/NDF : 4953.7/25

In: 94.630+/-0.954 χ^2/NDF : 2630.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.842+/-0.674 χ^2/NDF : 4953.7/25

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.125+/-0.582 χ^2/NDF : 370.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.089+/-0.616 χ^2/NDF : 518.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

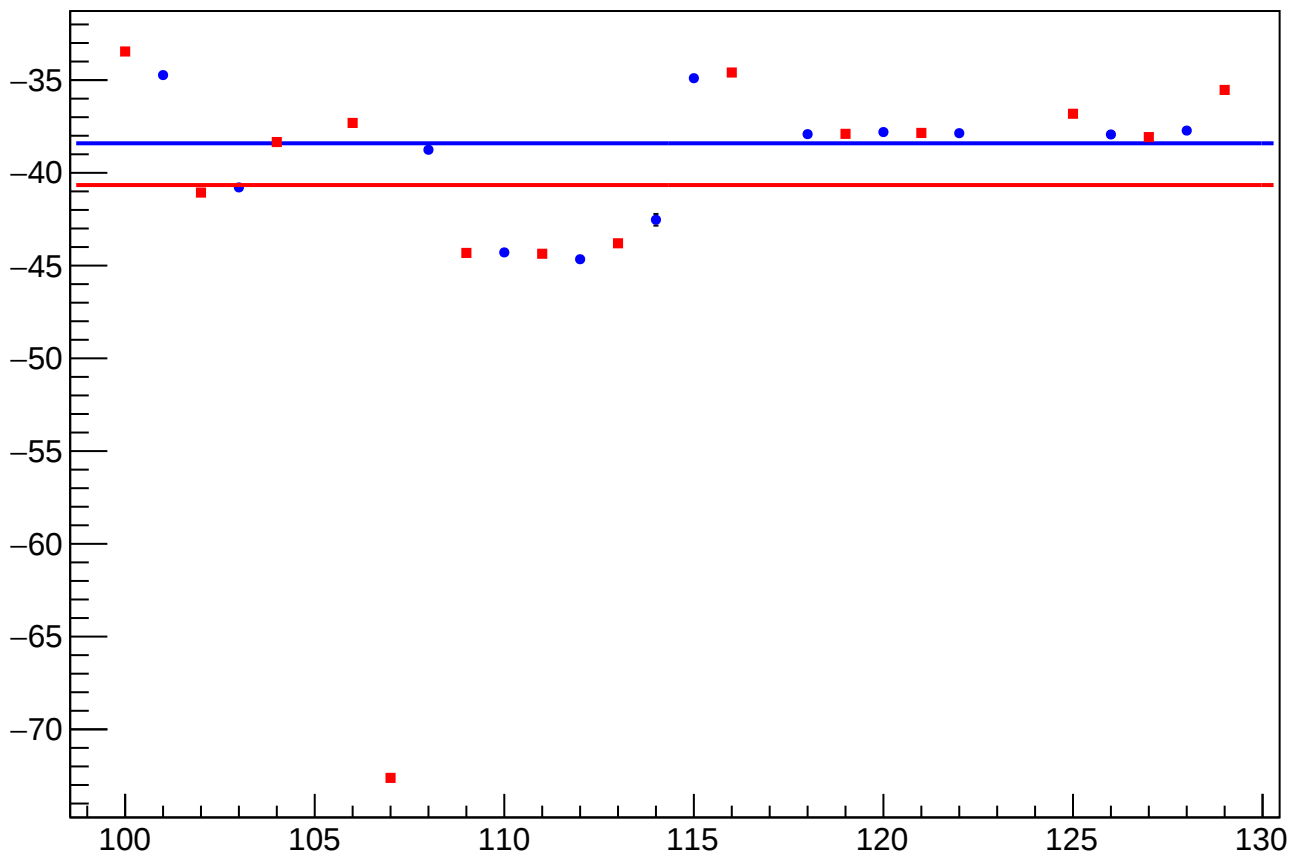
Right: 9.579+/-0.423 χ^2/NDF : 890.1/25

In: 9.125+/-0.582 χ^2/NDF : 370.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.579+/-0.423 χ^2/NDF : 890.1/25

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.407+/-0.034 χ^2/NDF : 7608.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.658+/-0.033 χ^2/NDF : 50141.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

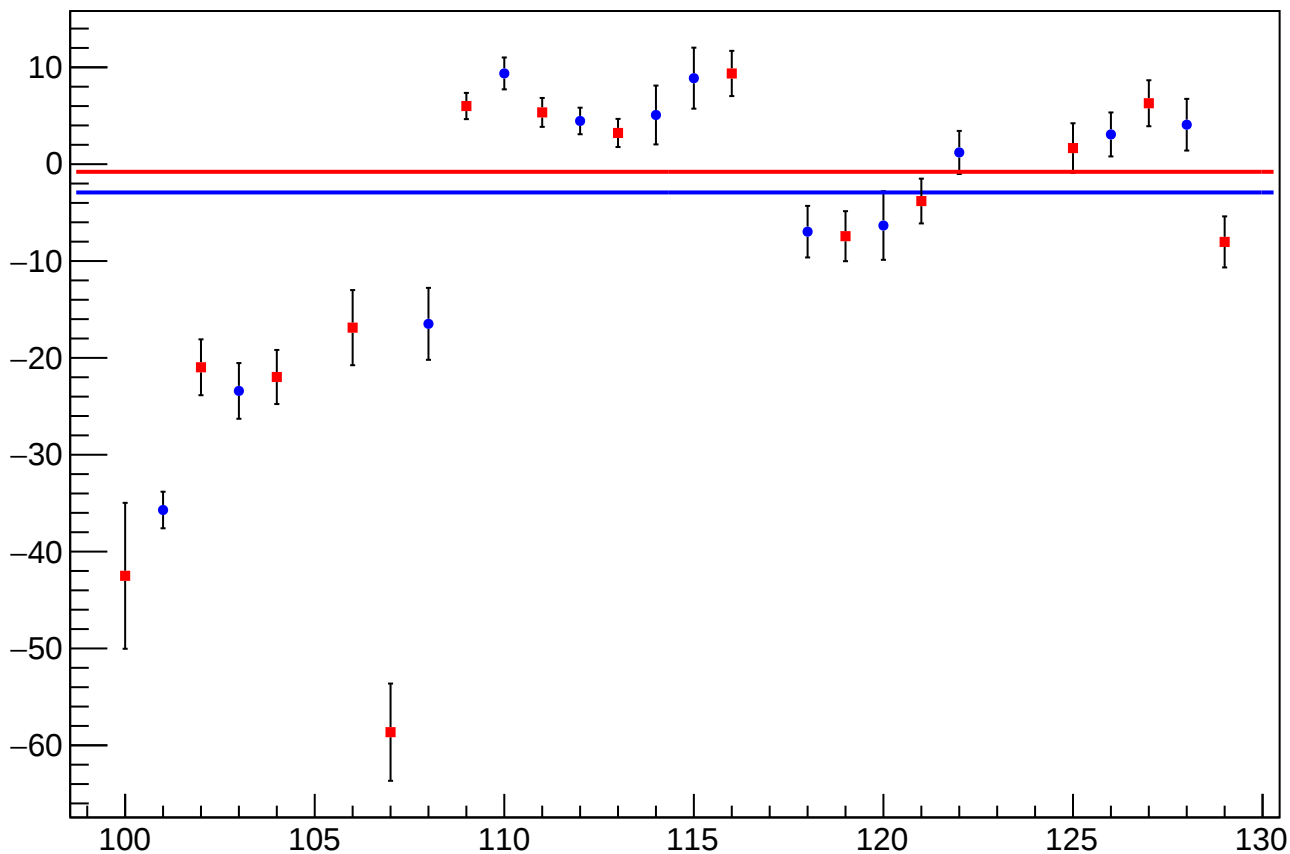
Right: -39.566+/-0.024 χ^2/NDF : 60002.5/25

In: -38.407+/-0.034 χ^2/NDF : 7608.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.566+/-0.024 χ^2/NDF : 60002.5/25

reg_asym_us_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -2.920+/-0.653 χ^2/NDF : 491.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.788+/-0.594 χ^2/NDF : 381.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

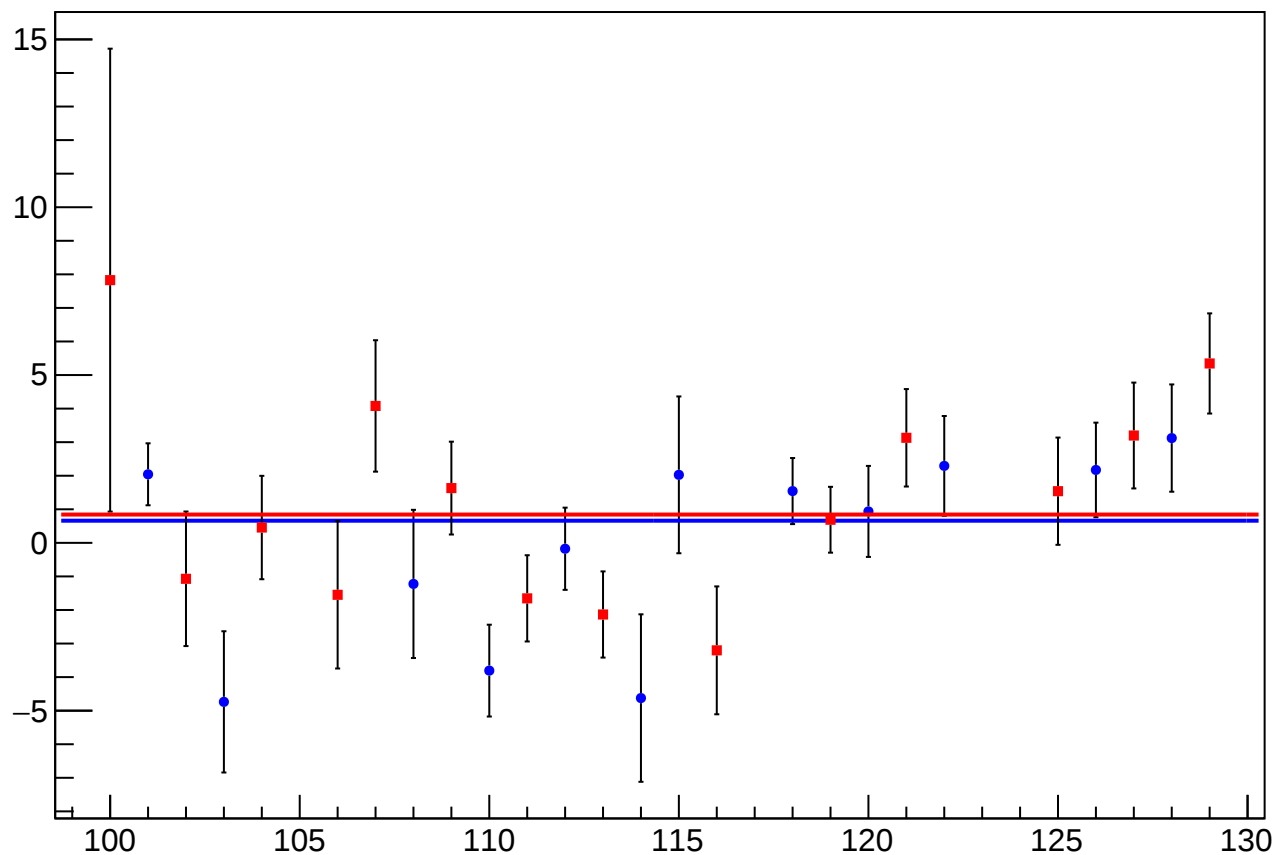
Right: -1.752+/-0.440 χ^2/NDF : 879.1/25

In: -2.920+/-0.653 χ^2/NDF : 491.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.752+/-0.440 χ^2/NDF : 879.1/25

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.660+/-0.406 χ^2/NDF : 31.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.843+/-0.411 χ^2/NDF : 33.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

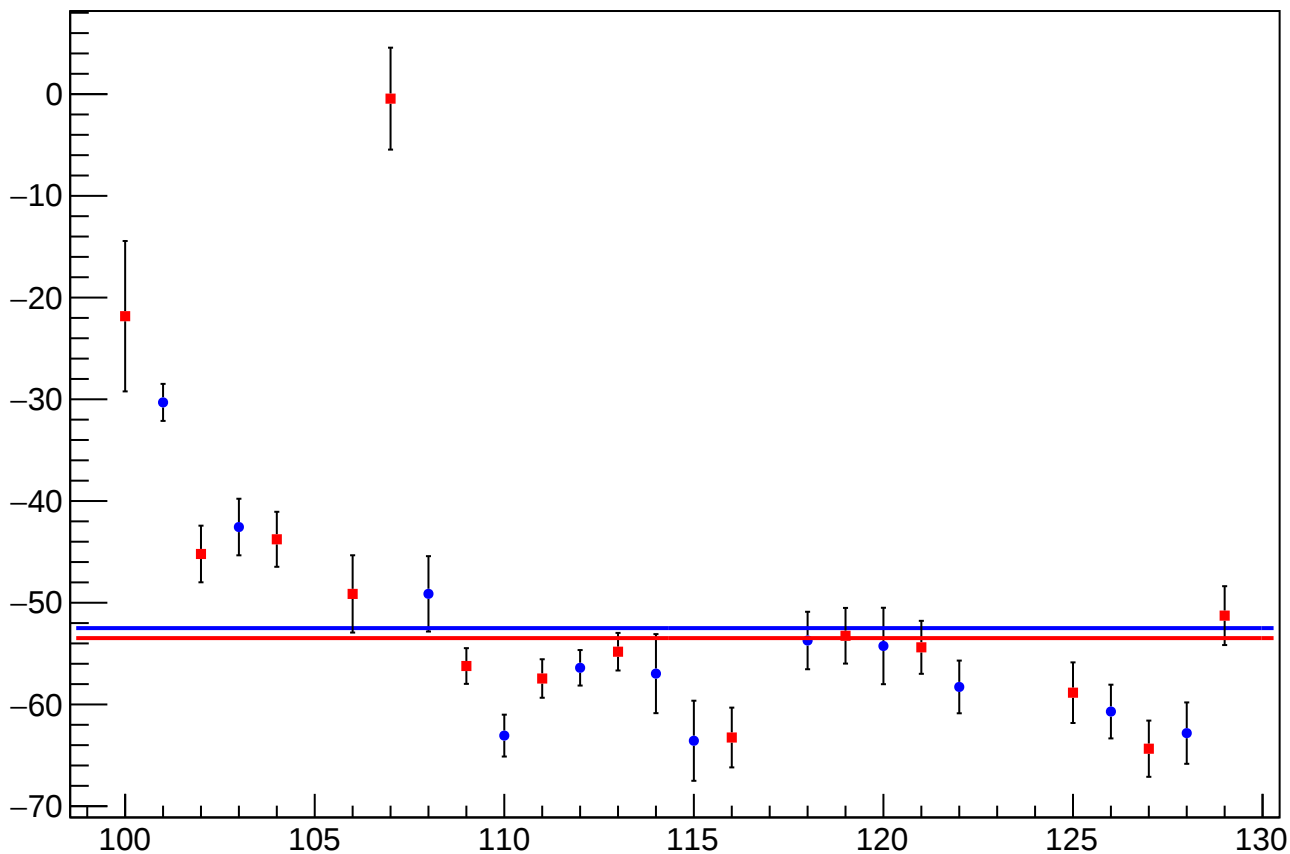
Right: 0.751+/-0.289 χ^2/NDF : 65.1/25

In: 0.660+/-0.406 χ^2/NDF : 31.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.751+/-0.289 χ^2/NDF : 65.1/25

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.494+/-0.746 χ^2/NDF : 229.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -53.477+/-0.698 χ^2/NDF : 191.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

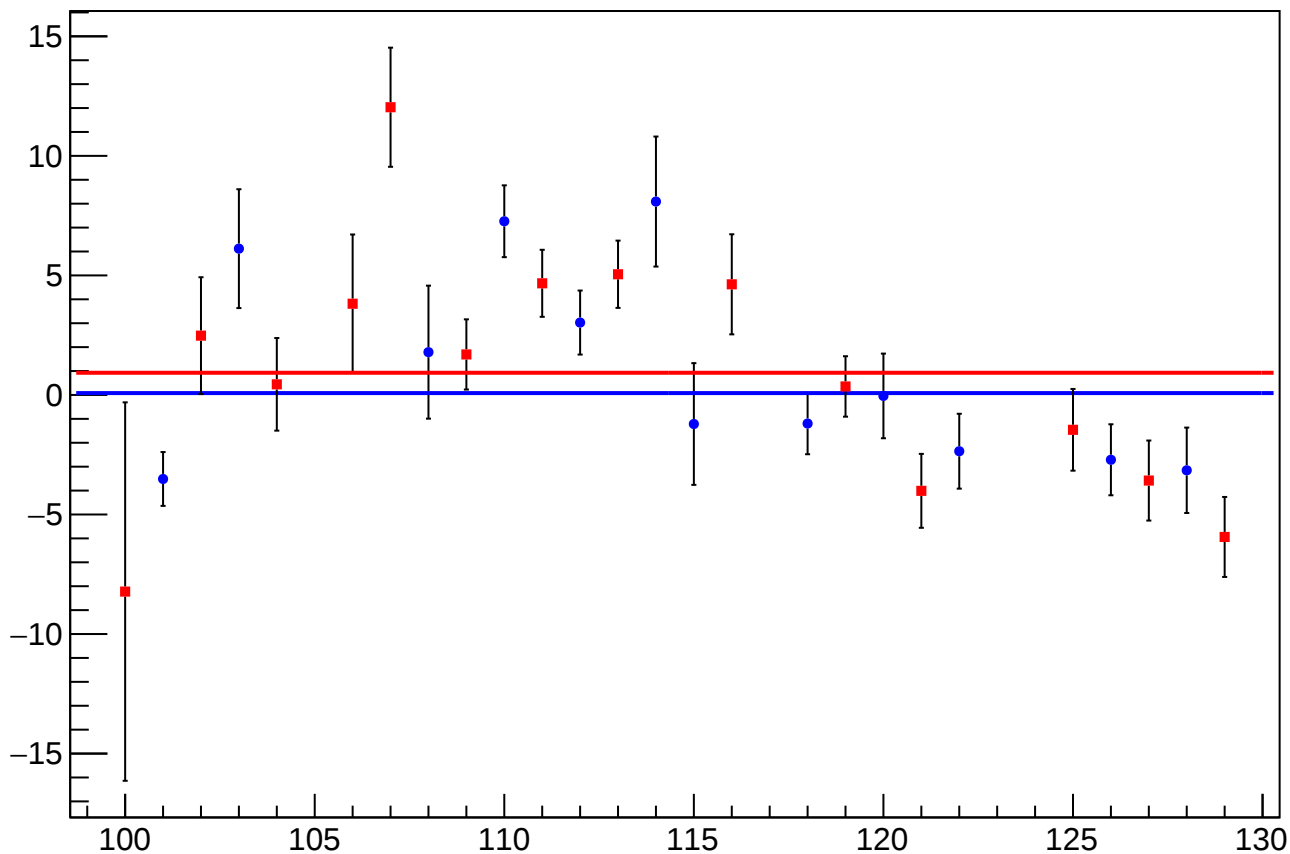
Right: -53.018+/-0.510 χ^2/NDF : 421.9/25

In: -52.494+/-0.746 χ^2/NDF : 229.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.018+/-0.510 χ^2/NDF : 421.9/25

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.078+/-0.473 χ^2/NDF : 63.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.928+/-0.469 χ^2/NDF : 78.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

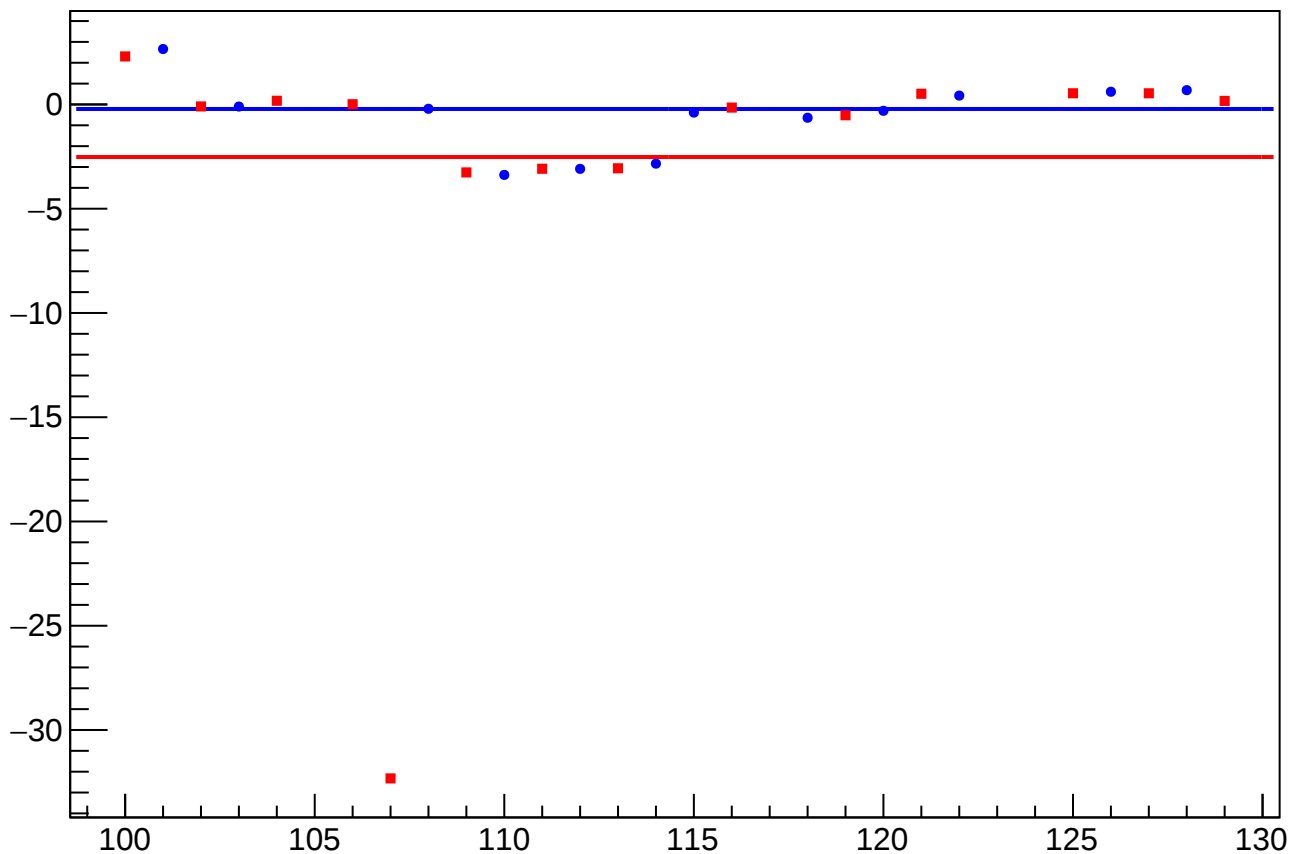
Right: 0.506+/-0.333 χ^2/NDF : 143.2/25

In: 0.078+/-0.473 χ^2/NDF : 63.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.506+/-0.333 χ^2/NDF : 143.2/25

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.217 $\pm$ 0.028 χ^2 /NDF: 4544.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.520 $\pm$ 0.026 χ^2 /NDF: 74104.7/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

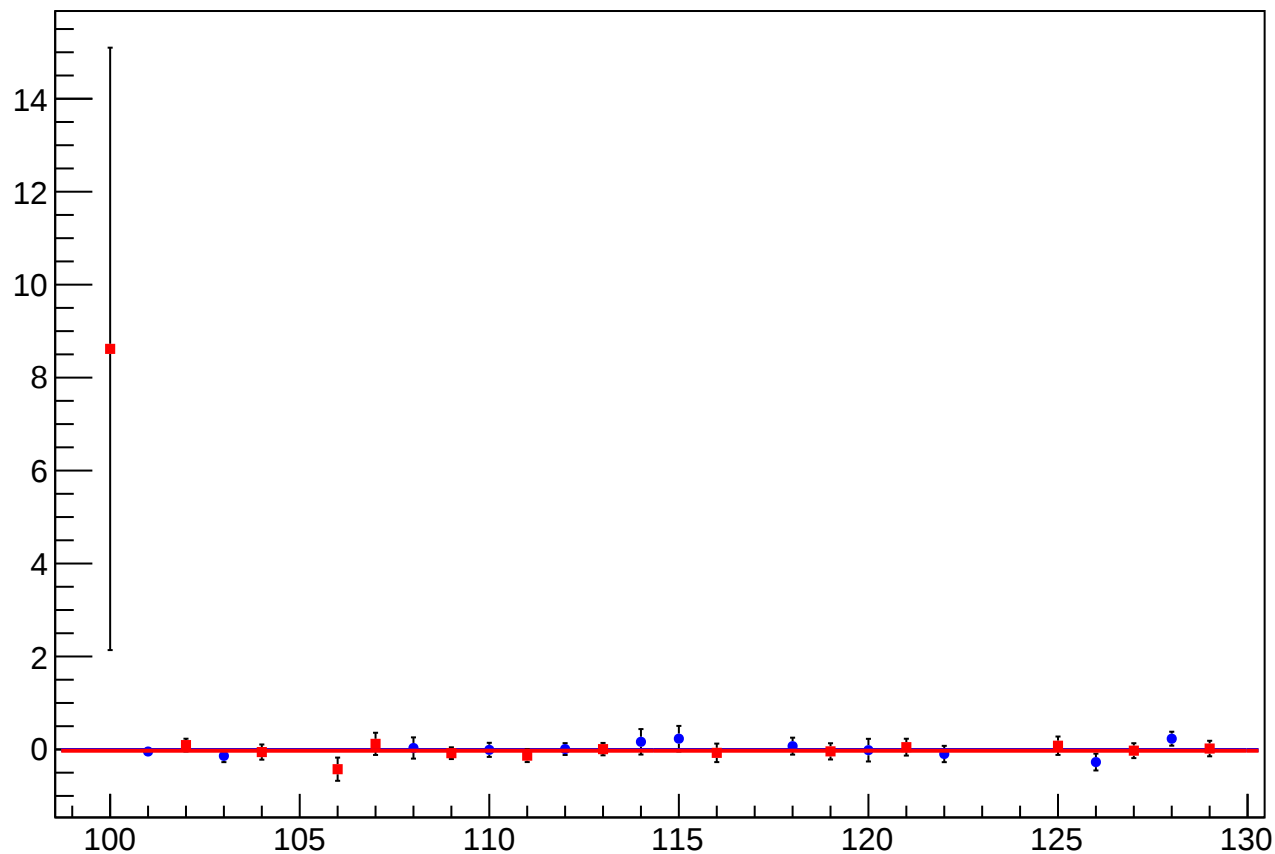
Right: -1.442 $\pm$ 0.019 χ^2 /NDF: 82261.4/25

In: -0.217 $\pm$ 0.028 χ^2 /NDF:4544.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.442 $\pm$ 0.019 χ^2 /NDF: 82261.4/25

reg_asym_ds_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.047 $\chi^2/\text{NDF}: 7.4/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.027 ± 0.045 $\chi^2/\text{NDF}: 6.9/13$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

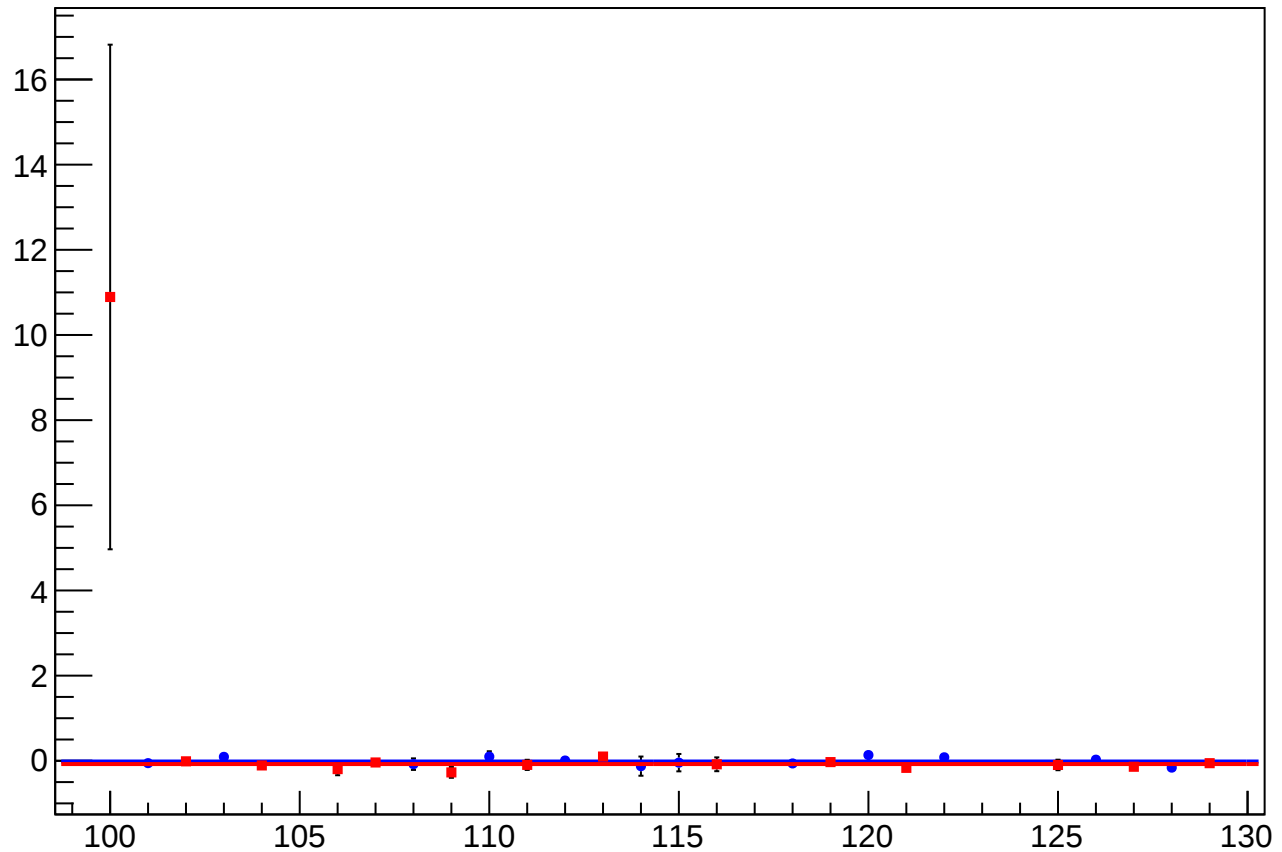
Right: -0.020 ± 0.033 $\chi^2/\text{NDF}: 14.4/25$

In: -0.012 ± 0.047 $\chi^2/\text{NDF}: 7.4/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.020 ± 0.033 $\chi^2/\text{NDF}: 14.4/25$

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.017+/-0.027 χ^2/NDF : 9.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.077+/-0.029 χ^2/NDF : 11.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

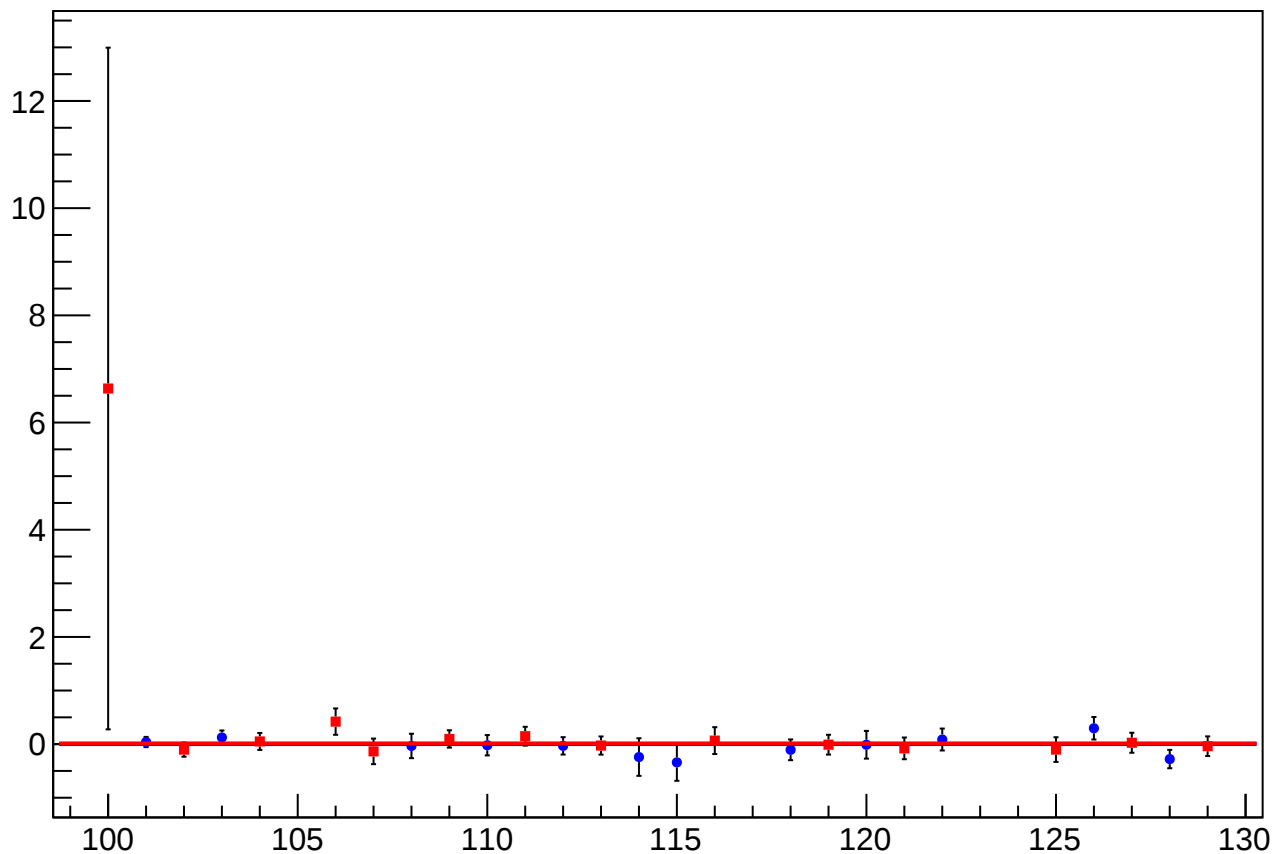
Right: -0.045+/-0.020 χ^2/NDF : 22.8/25

In: -0.017+/-0.027 χ^2/NDF :9.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.045+/-0.020 χ^2/NDF : 22.8/25

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.050 χ^2 /NDF: 7.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.013 $\pm$ 0.051 χ^2 /NDF: 6.5/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

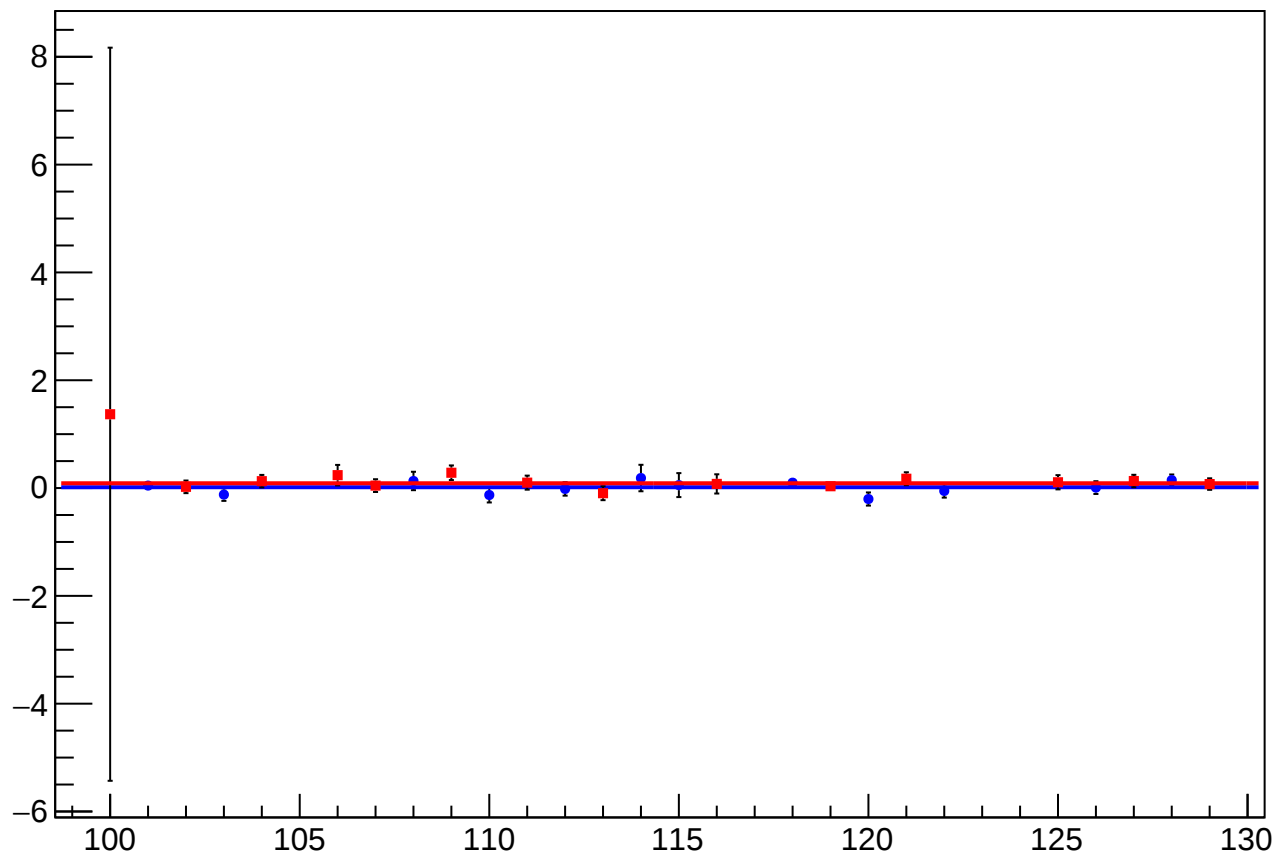
Right: 0.007 $\pm$ 0.036 χ^2 /NDF: 14.3/25

In: 0.002 $\pm$ 0.050 χ^2 /NDF:7.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.007 $\pm$ 0.036 χ^2 /NDF: 14.3/25

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.015+/-0.032 χ^2/NDF : 9.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.089+/-0.034 χ^2/NDF : 6.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

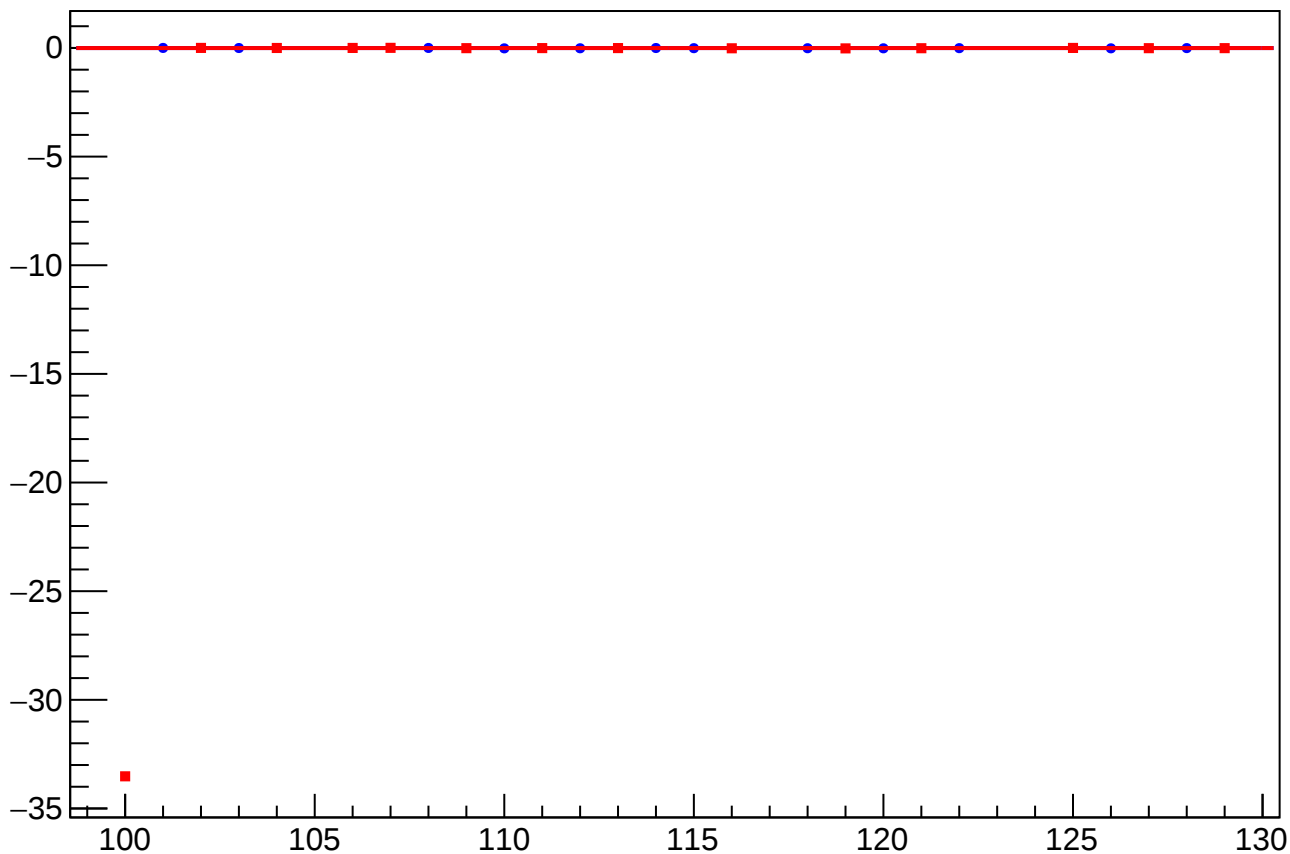
Right: 0.050+/-0.023 χ^2/NDF : 18.8/25

In: 0.015+/-0.032 χ^2/NDF : 9.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.050+/-0.023 χ^2/NDF : 18.8/25

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.004+/-0.002 χ^2/NDF : 12.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.005+/-0.002 χ^2/NDF : 26502.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

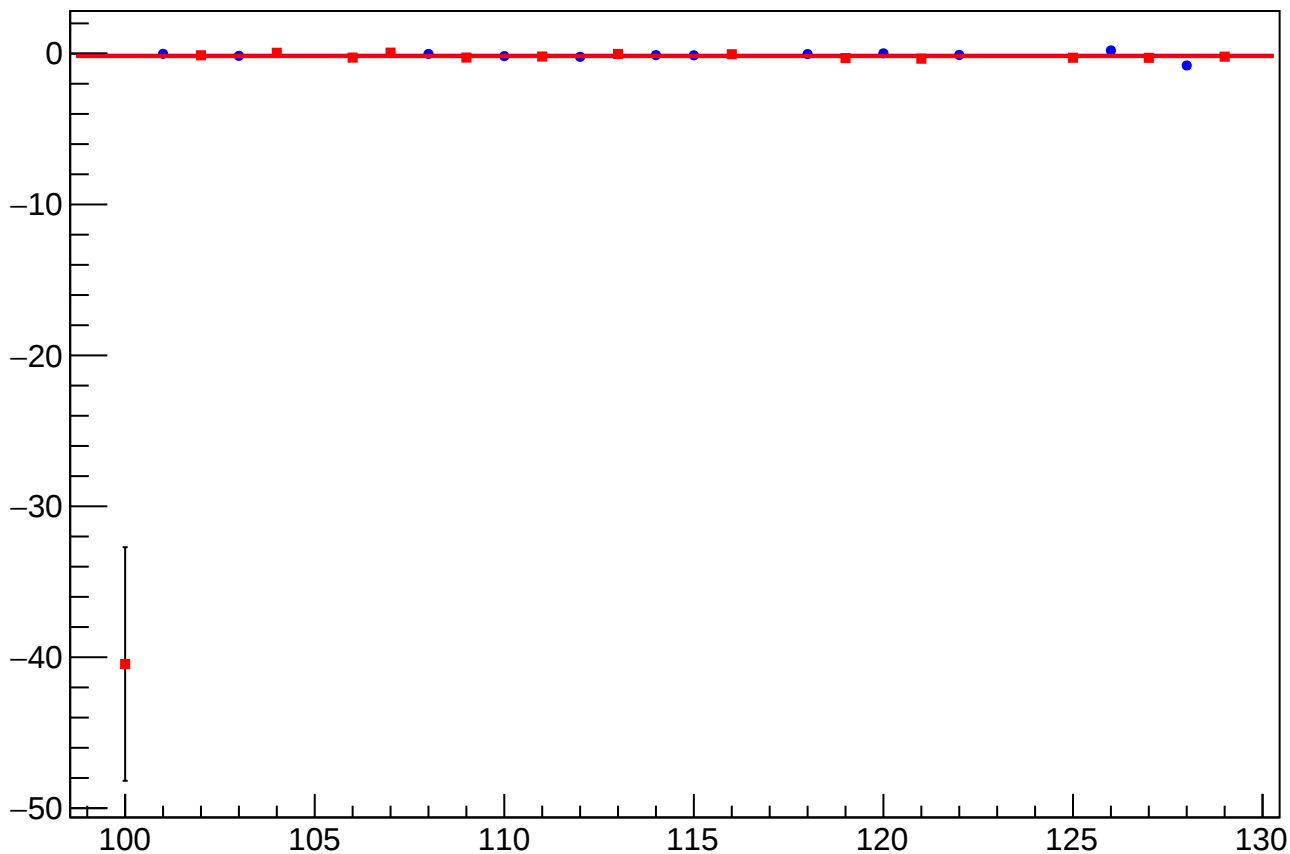
Right: -0.004+/-0.001 χ^2/NDF : 26514.7/25

In: -0.004+/-0.002 χ^2/NDF : 12.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.004+/-0.001 χ^2/NDF : 26514.7/25

reg_asym_ds_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.144 ± 0.046 $\chi^2/\text{NDF}: 25.4/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.171 ± 0.045 $\chi^2/\text{NDF}: 34.6/13$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

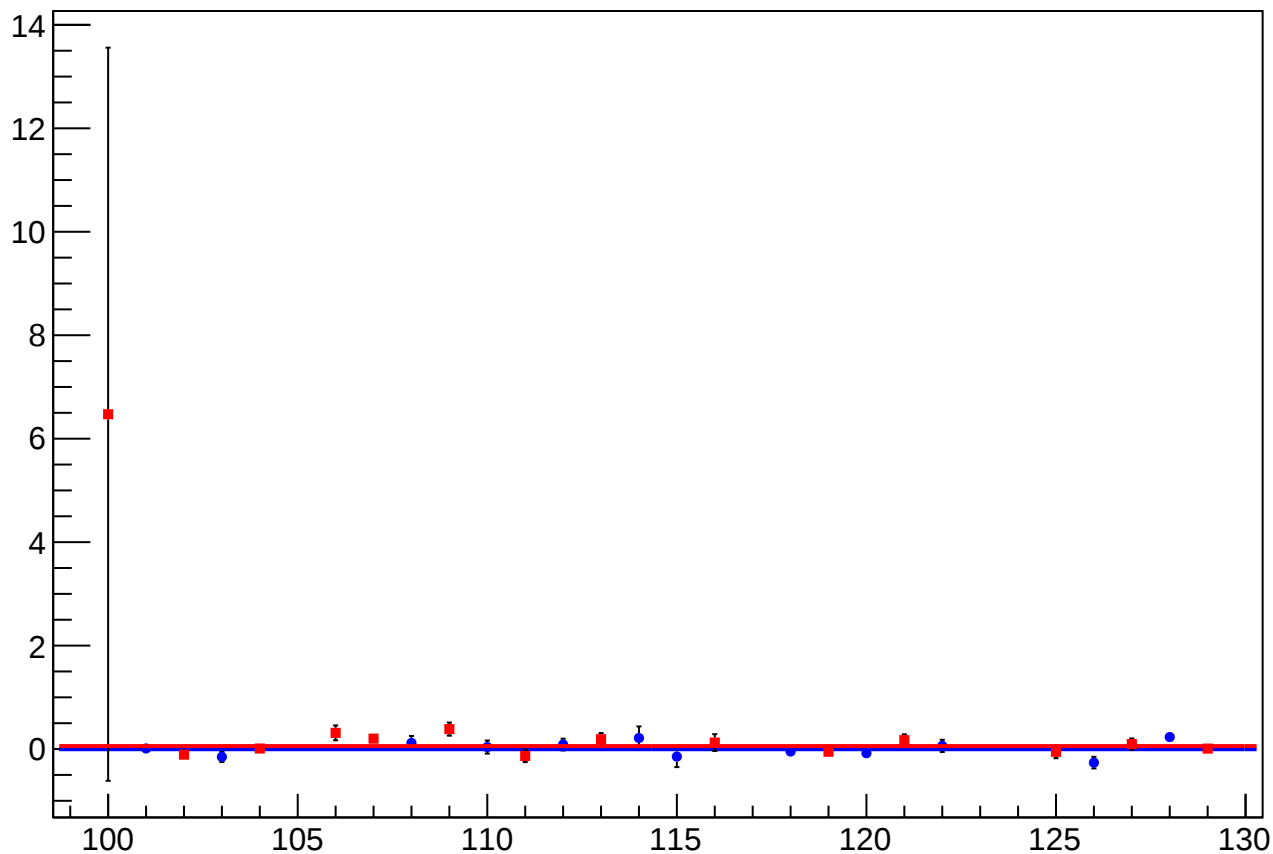
Right: -0.158 ± 0.032 $\chi^2/\text{NDF}: 60.2/25$

In: -0.144 ± 0.046 $\chi^2/\text{NDF}: 25.4/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.158 ± 0.032 $\chi^2/\text{NDF}: 60.2/25$

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.003 $\pm$ 0.027 χ^2 /NDF: 18.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.058 $\pm$ 0.029 χ^2 /NDF: 25.3/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

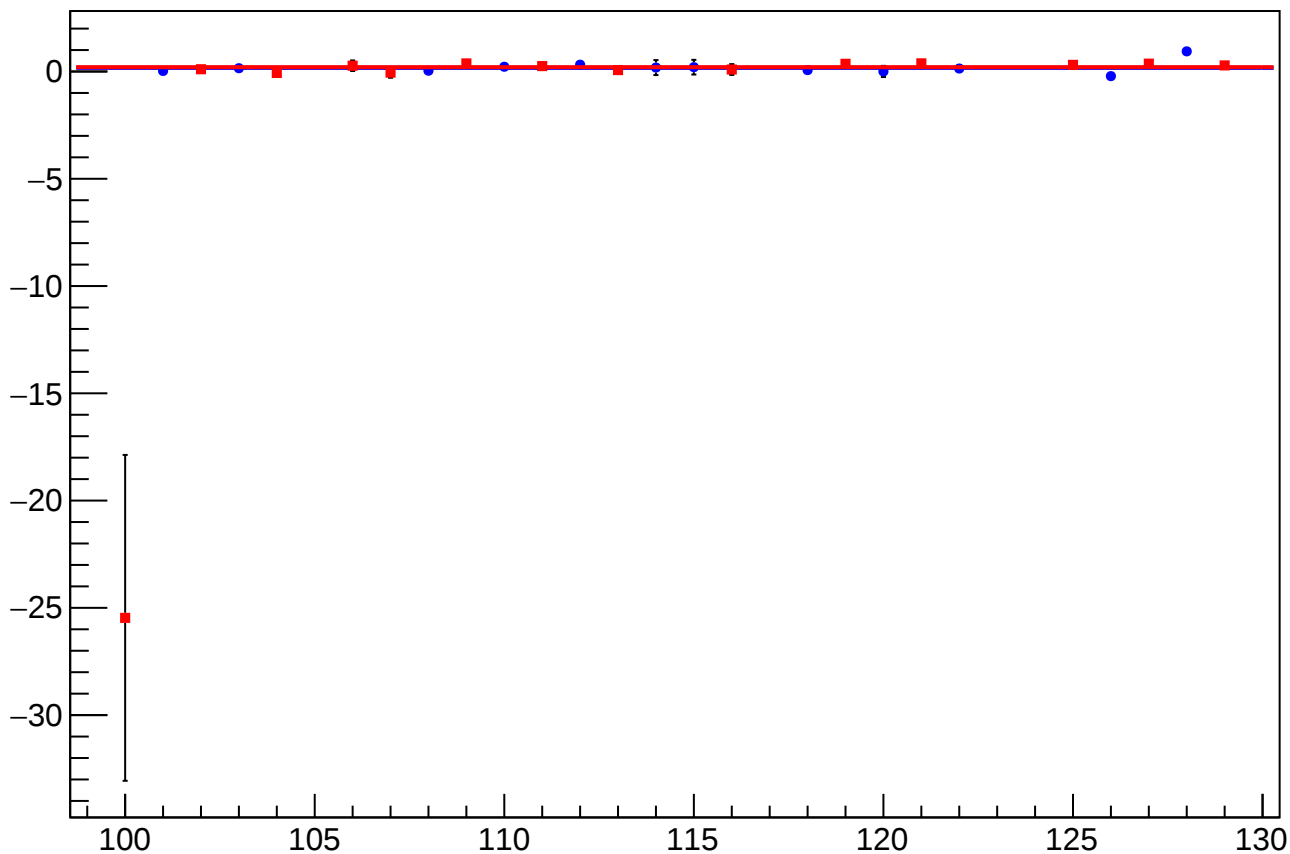
Right: 0.025 $\pm$ 0.020 χ^2 /NDF: 45.9/25

In: -0.003 $\pm$ 0.027 χ^2 /NDF:18.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.025 $\pm$ 0.020 χ^2 /NDF: 45.9/25

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.169+/-0.050 χ^2/NDF : 27.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.202+/-0.051 χ^2/NDF : 20.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

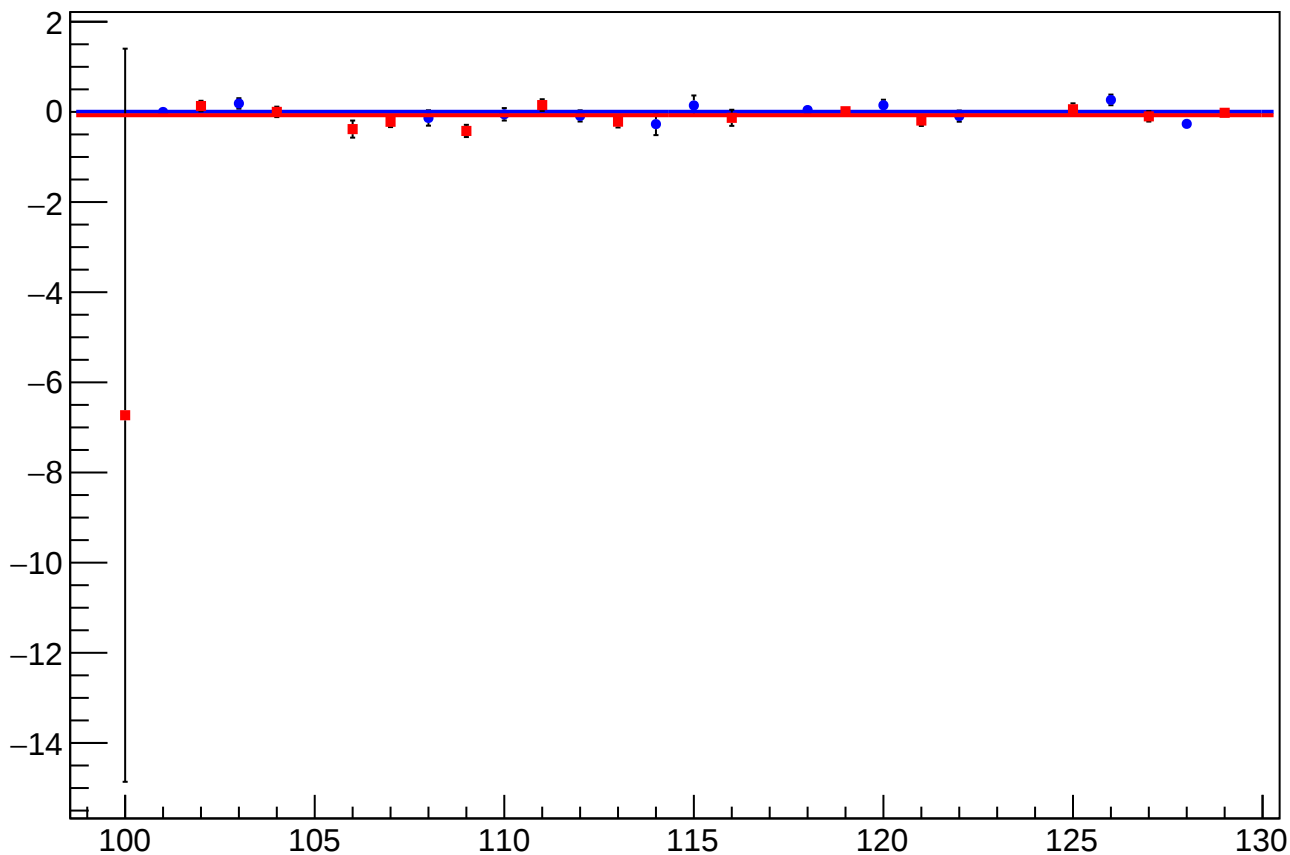
Right: 0.185+/-0.036 χ^2/NDF : 48.8/25

In: 0.169+/-0.050 χ^2/NDF : 27.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.185+/-0.036 χ^2/NDF : 48.8/25

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.003+/-0.032 χ^2/NDF : 19.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.074+/-0.034 χ^2/NDF : 22.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

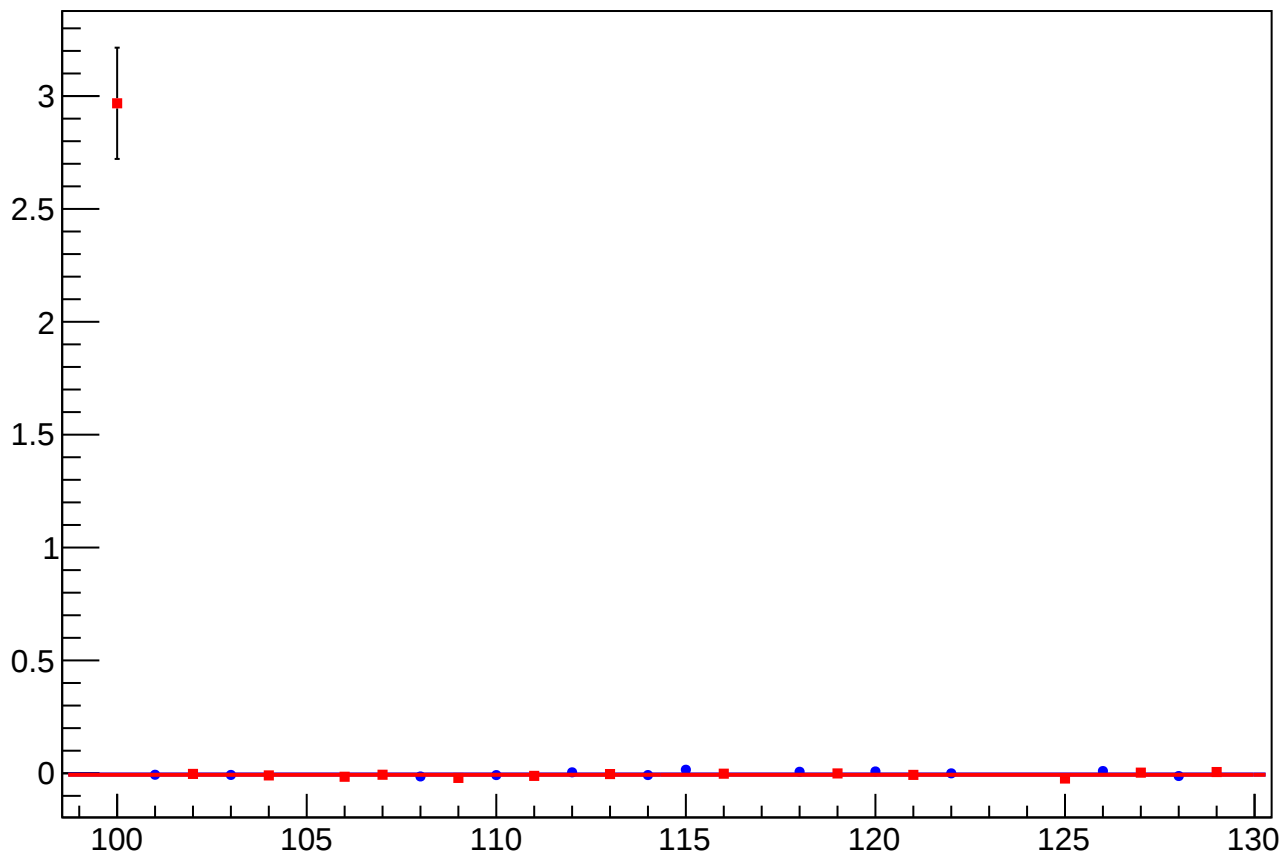
Right: -0.034+/-0.023 χ^2/NDF : 44.5/25

In: 0.003+/-0.032 χ^2/NDF : 19.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.034+/-0.023 χ^2/NDF : 44.5/25

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.002 χ^2 /NDF: 15.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.007 $\pm$ 0.002 χ^2 /NDF: 161.3/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

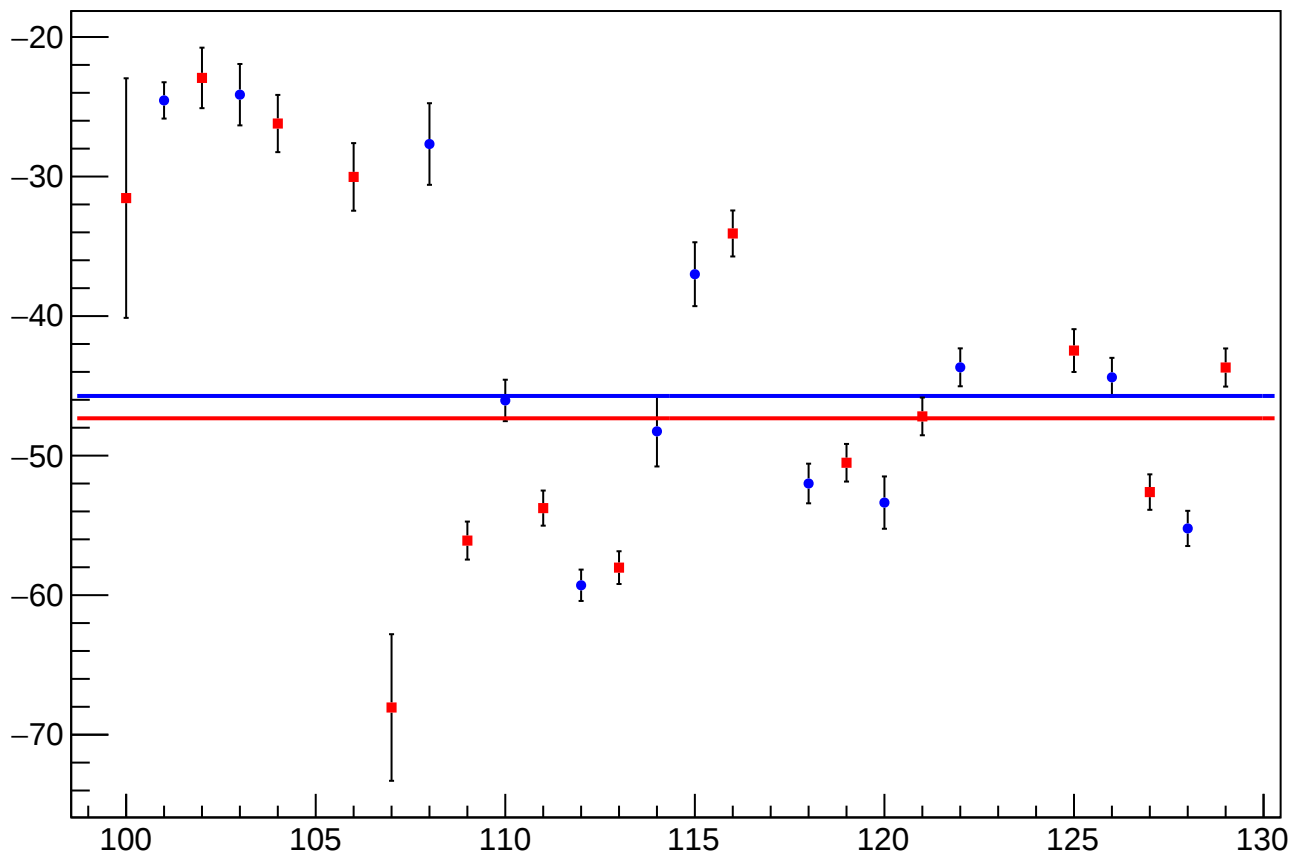
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 176.5/25

In: -0.005 $\pm$ 0.002 χ^2 /NDF:15.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.001 χ^2 /NDF: 176.5/25

reg_asym_left_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -45.724 $\pm$ 0.448 χ^2 /NDF: 656.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -47.325 $\pm$ 0.422 χ^2 /NDF: 558.0/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

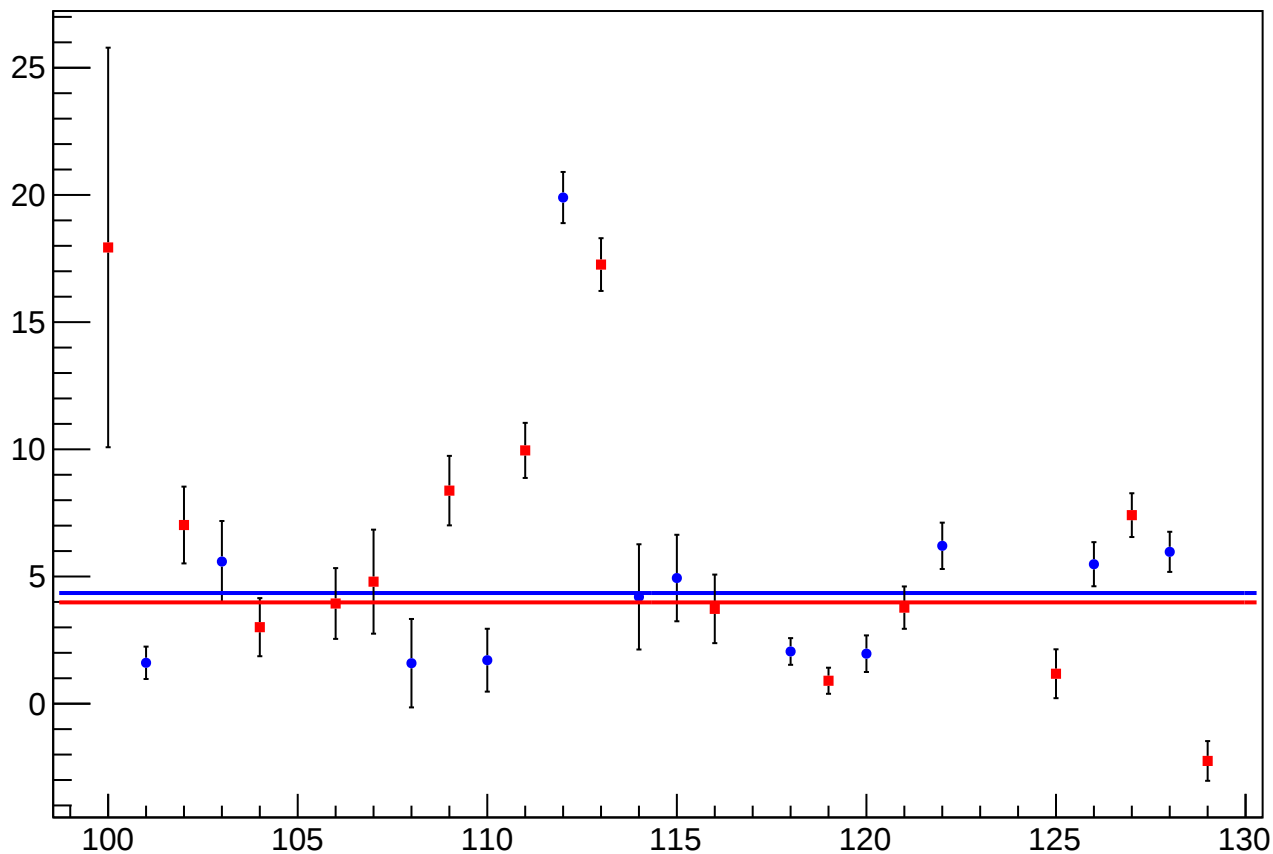
Right: -46.573 $\pm$ 0.307 χ^2 /NDF: 1221.3/25

In: -45.724 $\pm$ 0.448 χ^2 /NDF:656.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -46.573 $\pm$ 0.307 χ^2 /NDF: 1221.3/25

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.351+/-0.257 χ^2/NDF : 305.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.982+/-0.266 χ^2/NDF : 337.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

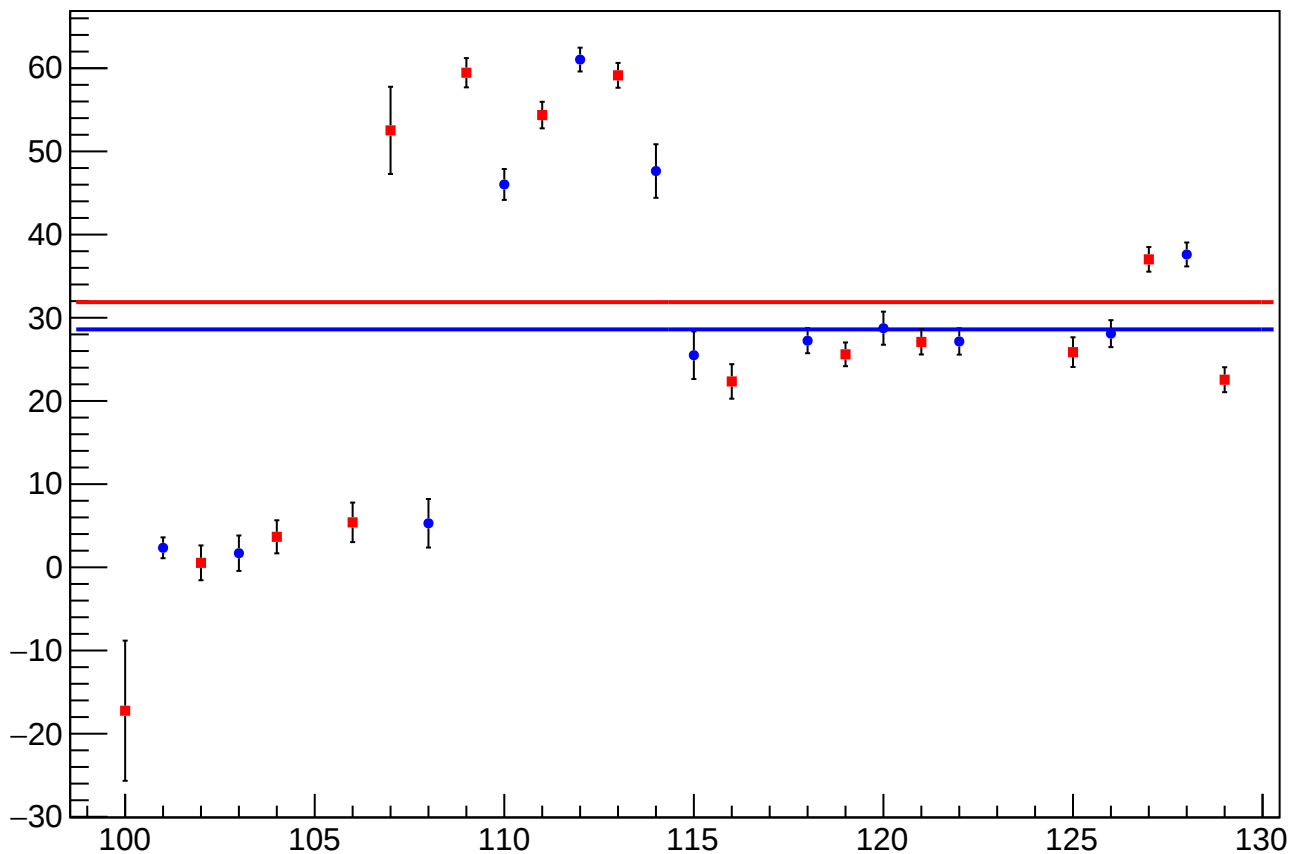
Right: 4.173+/-0.185 χ^2/NDF : 643.7/25

In: 4.351+/-0.257 χ^2/NDF : 305.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.173+/-0.185 χ^2/NDF : 643.7/25

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 28.602 $\pm$ 0.505 χ^2 /NDF: 1341.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 31.881 $\pm$ 0.485 χ^2 /NDF: 1491.4/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

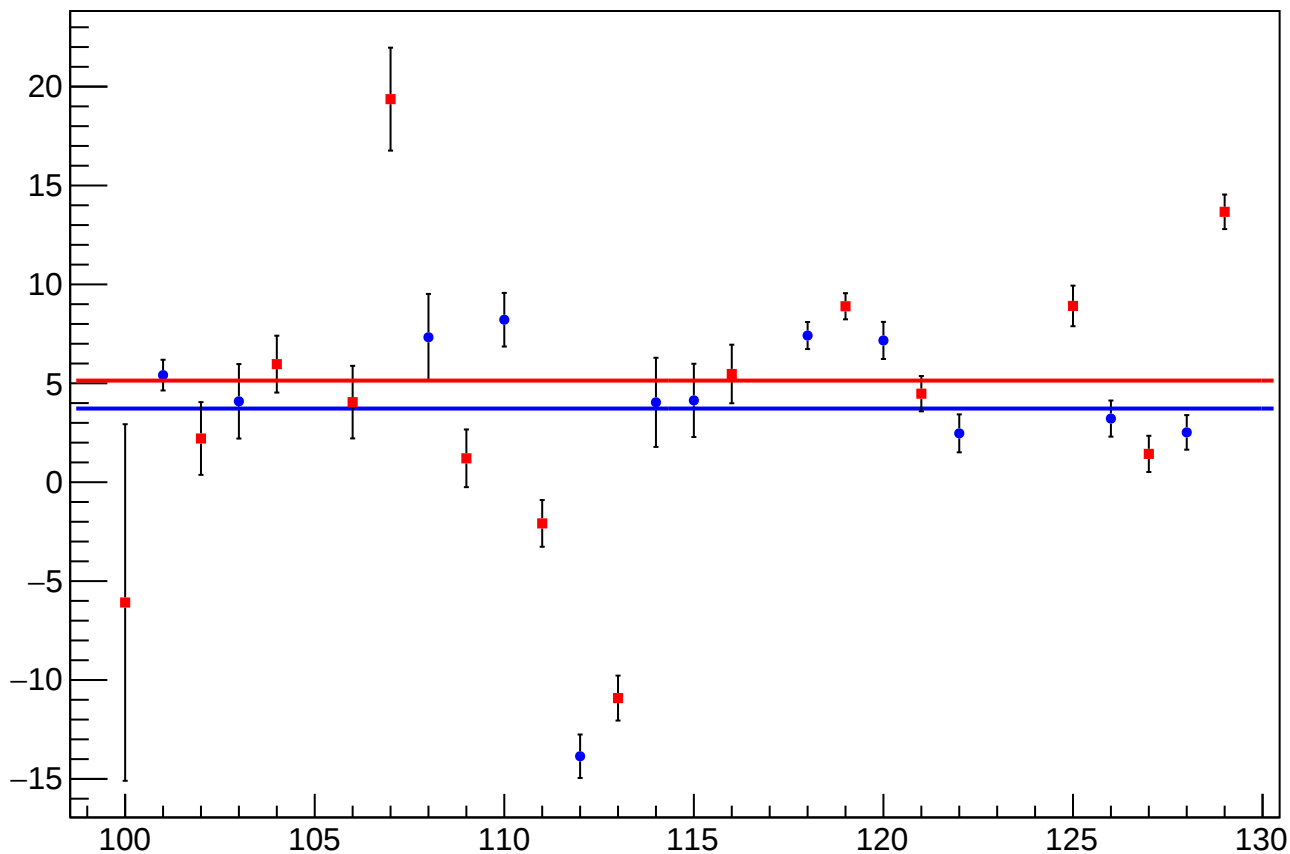
Right: 30.306 $\pm$ 0.350 χ^2 /NDF: 2854.4/25

In: 28.602 $\pm$ 0.505 χ^2 /NDF:1341.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 30.306 $\pm$ 0.350 χ^2 /NDF: 2854.4/25

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.724+/-0.303 χ^2/NDF : 320.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.138+/-0.306 χ^2/NDF : 437.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

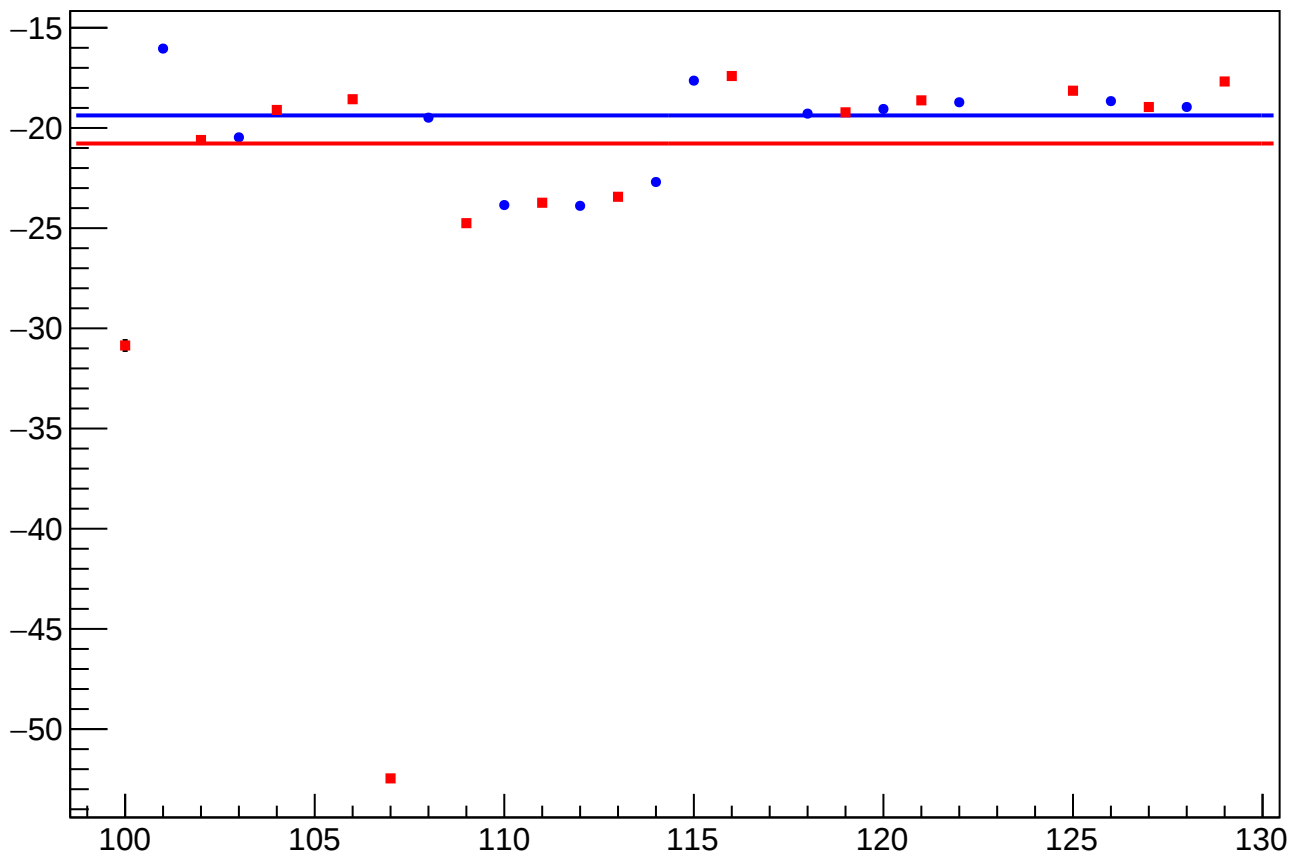
Right: 4.424+/-0.215 χ^2/NDF : 768.9/25

In: 3.724+/-0.303 χ^2/NDF : 320.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.424+/-0.215 χ^2/NDF : 768.9/25

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.374+/-0.019 χ^2/NDF : 13998.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.775+/-0.018 χ^2/NDF : 85590.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

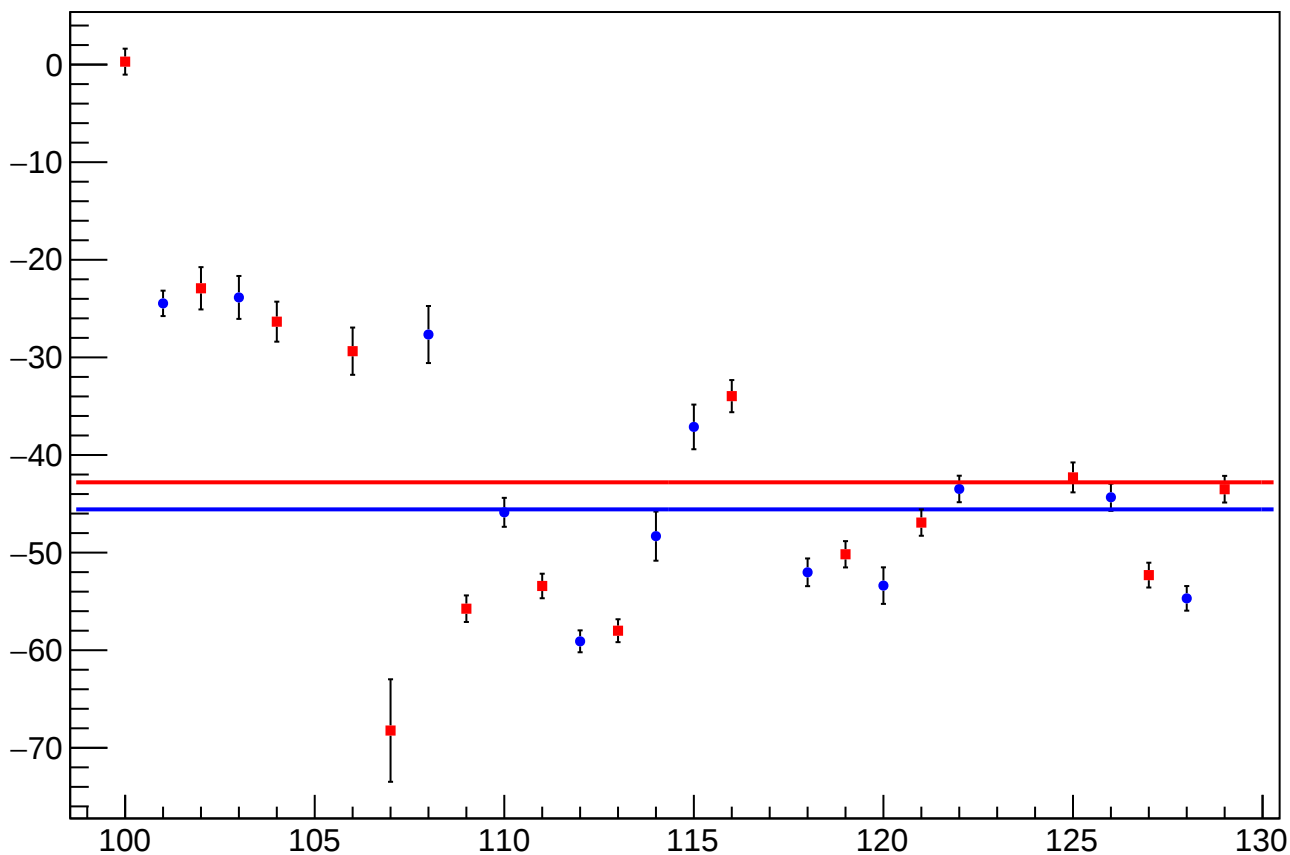
Right: -20.103+/-0.013 χ^2/NDF : 102343.0/25

In: -19.374+/-0.019 χ^2/NDF : 13998.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.103+/-0.013 χ^2/NDF : 102343.0/25

reg_asym_left_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -45.570 $\pm$ 0.448 χ^2 /NDF: 651.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -42.798 $\pm$ 0.402 χ^2 /NDF: 1707.4/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

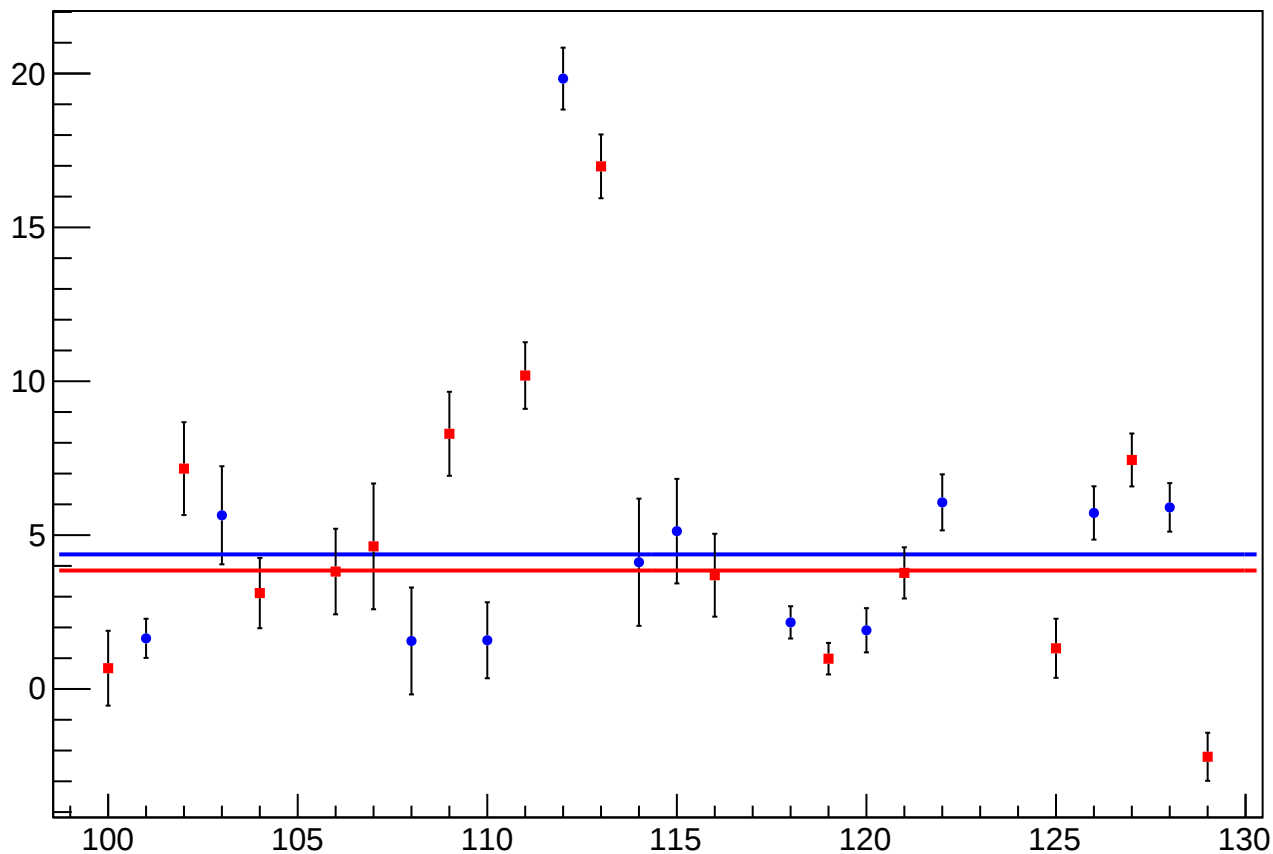
Right: -44.036 $\pm$ 0.299 χ^2 /NDF: 2380.0/25

In: -45.570 $\pm$ 0.448 χ^2 /NDF:651.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -44.036 $\pm$ 0.299 χ^2 /NDF: 2380.0/25

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.374+/-0.257 χ^2/NDF : 302.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.850+/-0.260 χ^2/NDF : 333.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

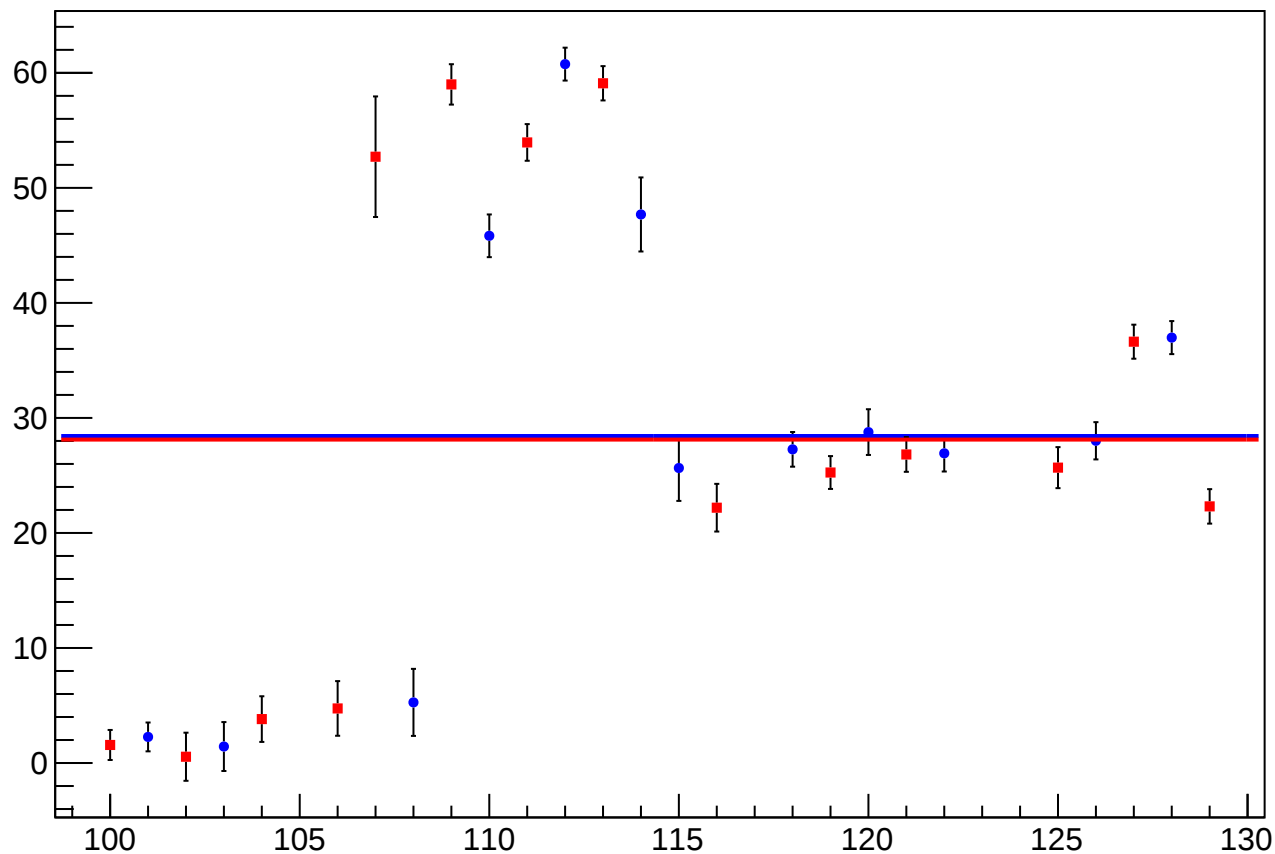
Right: 4.114+/-0.183 χ^2/NDF : 638.2/25

In: 4.374+/-0.257 χ^2/NDF : 302.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.114+/-0.183 χ^2/NDF : 638.2/25

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 28.428+/-0.504 χ^2/NDF : 1332.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.117+/-0.455 χ^2/NDF : 1923.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

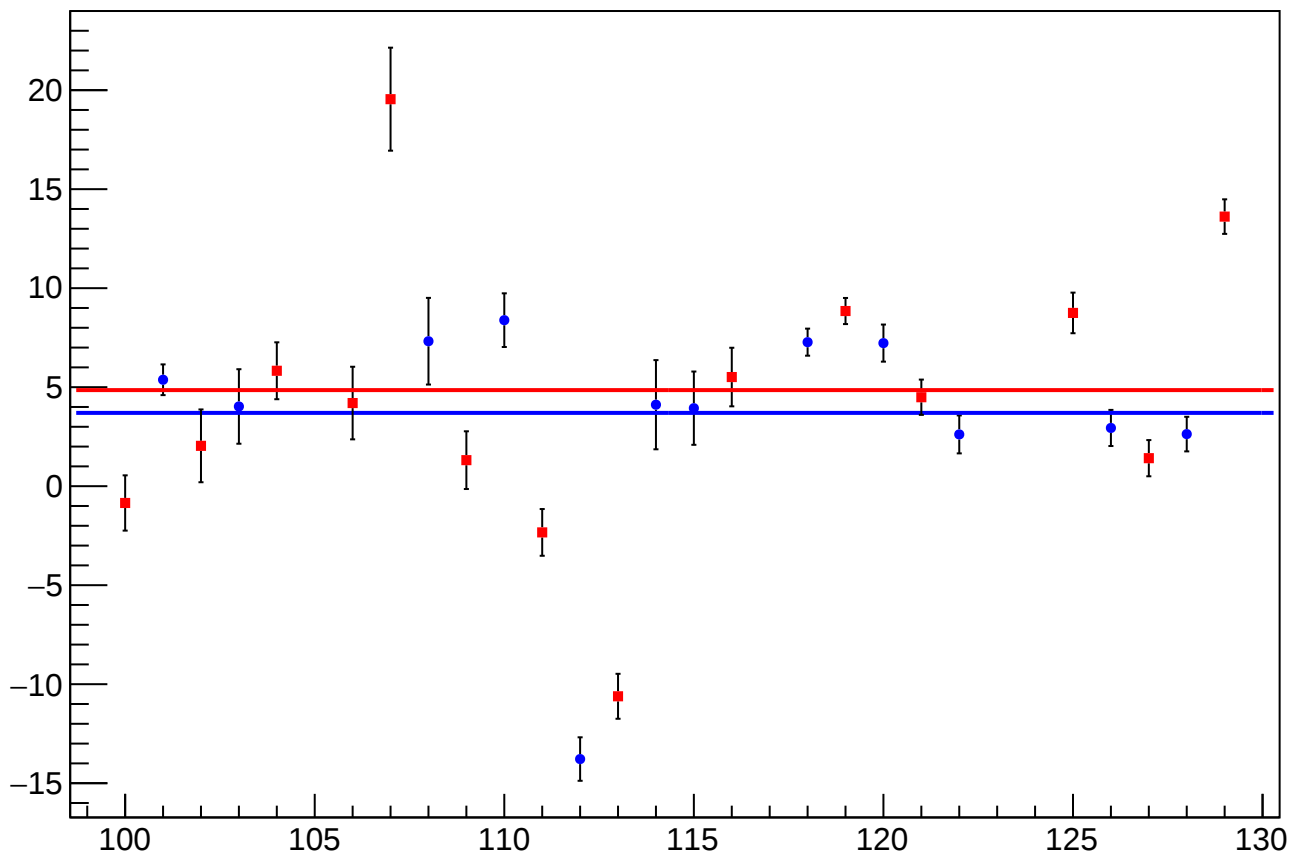
Right: 28.256+/-0.338 χ^2/NDF : 3255.9/25

In: 28.428+/-0.504 χ^2/NDF : 1332.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.256+/-0.338 χ^2/NDF : 3255.9/25

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.702+/-0.303 χ^2/NDF : 317.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.852+/-0.299 χ^2/NDF : 446.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

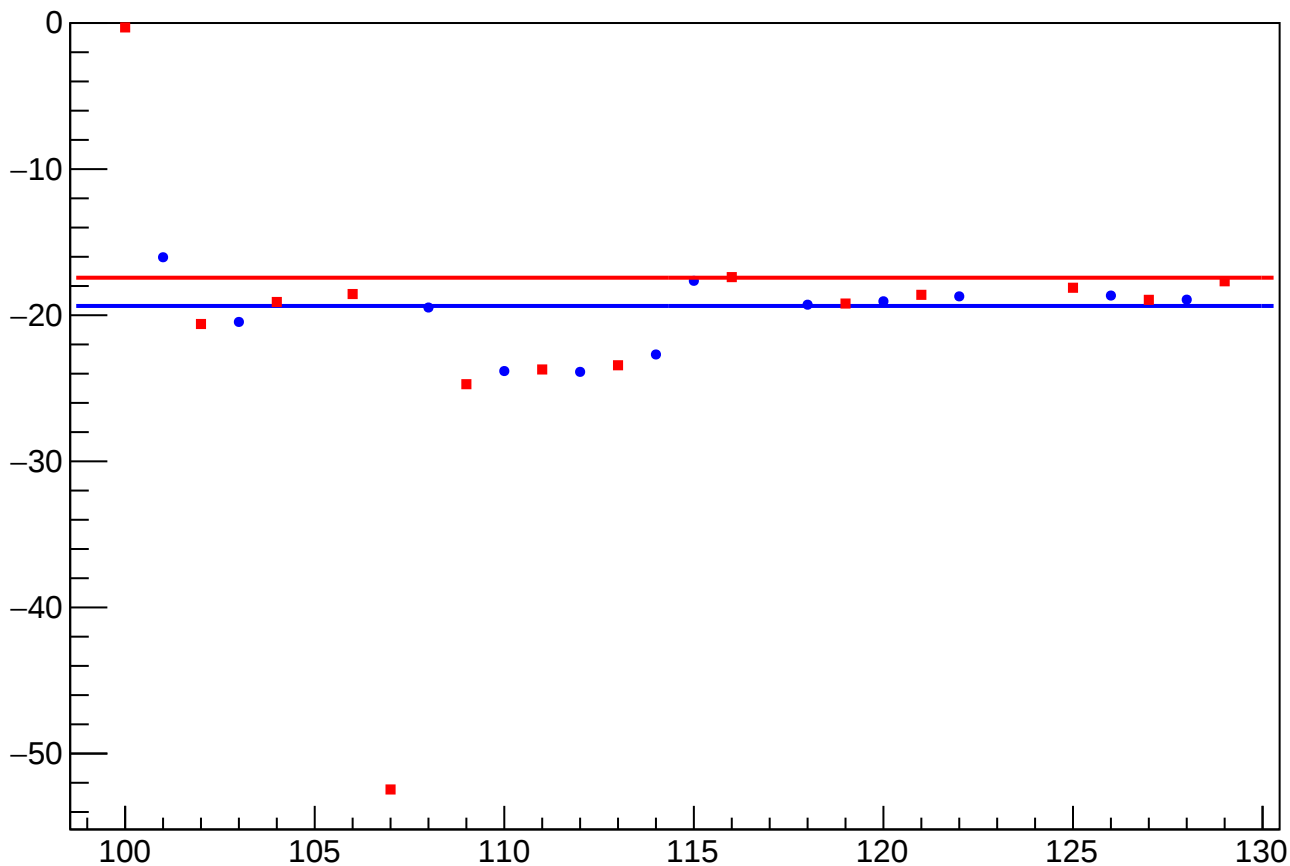
Right: 4.284+/-0.213 χ^2/NDF : 771.4/25

In: 3.702+/-0.303 χ^2/NDF : 317.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.284+/-0.213 χ^2/NDF : 771.4/25

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.365+/-0.019 χ^2/NDF : 13979.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -17.432+/-0.017 χ^2/NDF : 279963.8/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

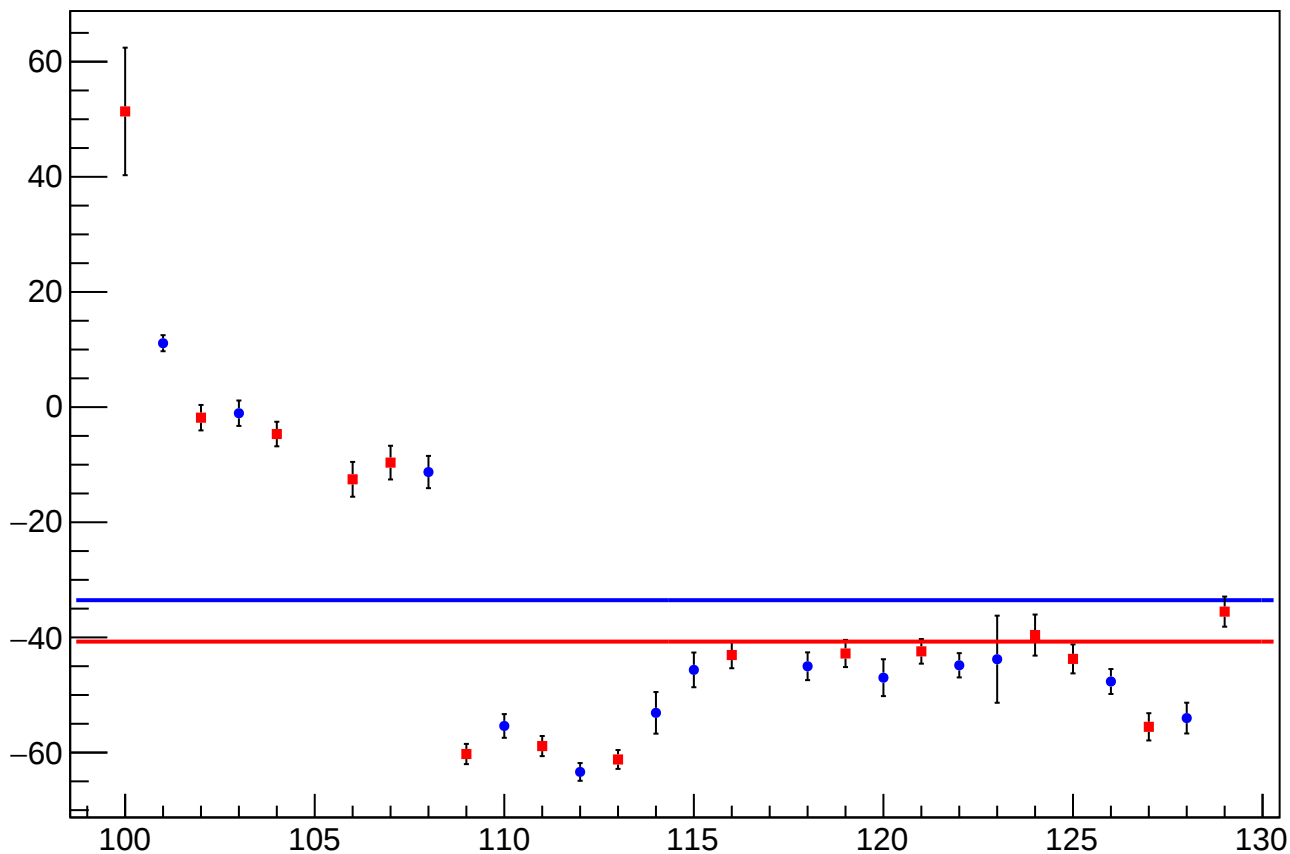
Right: -18.277+/-0.013 χ^2/NDF : 299624.2/25

In: -19.365+/-0.019 χ^2/NDF :13979.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -18.277+/-0.013 χ^2/NDF : 299624.2/25

reg_asym_right_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -33.533+/-0.626 χ^2/NDF : 2008.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.728+/-0.594 χ^2/NDF : 1298.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

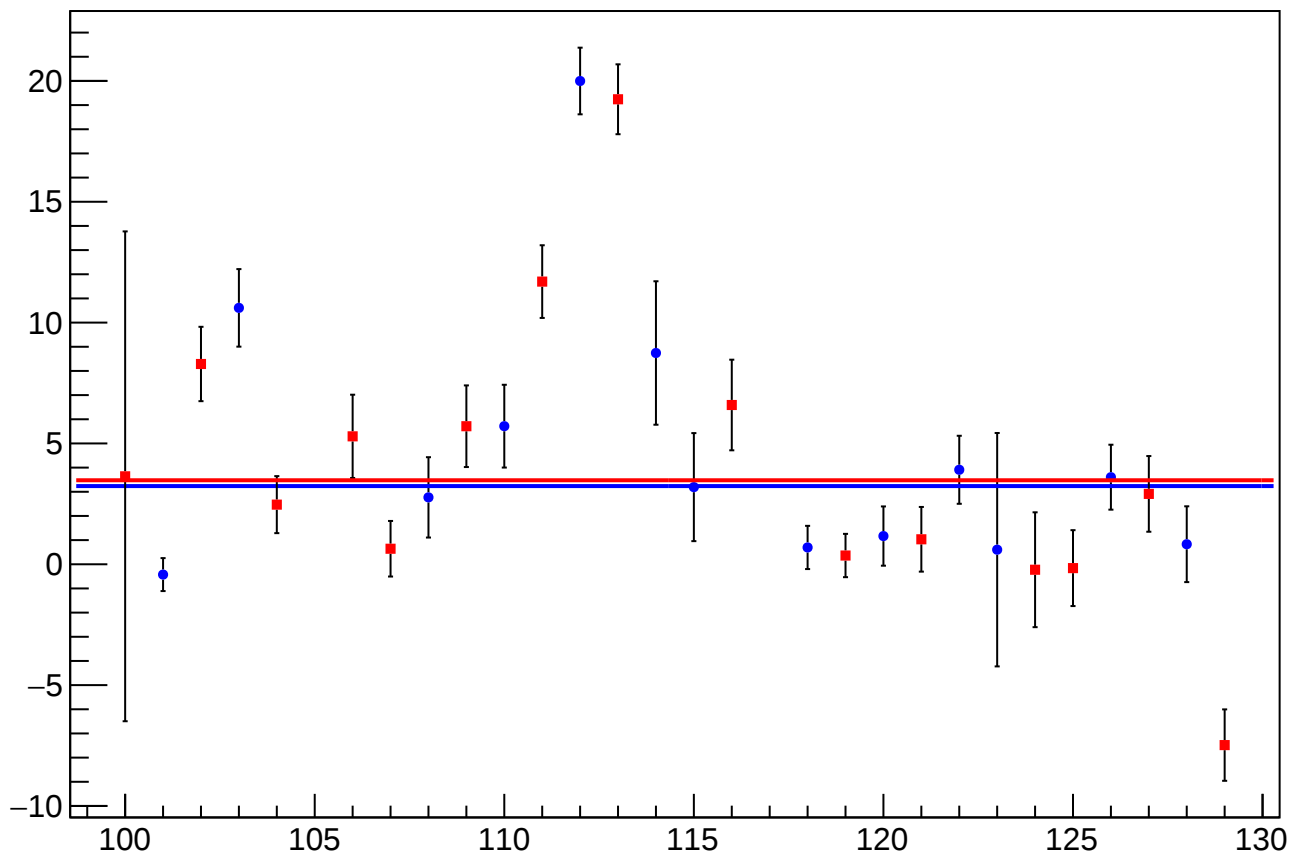
Right: -37.316+/-0.431 χ^2/NDF : 3376.5/27

In: -33.533+/-0.626 χ^2/NDF : 2008.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.316+/-0.431 χ^2/NDF : 3376.5/27

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.235 $\pm$ 0.365 χ^2 /NDF: 217.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.476 $\pm$ 0.377 χ^2 /NDF: 249.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

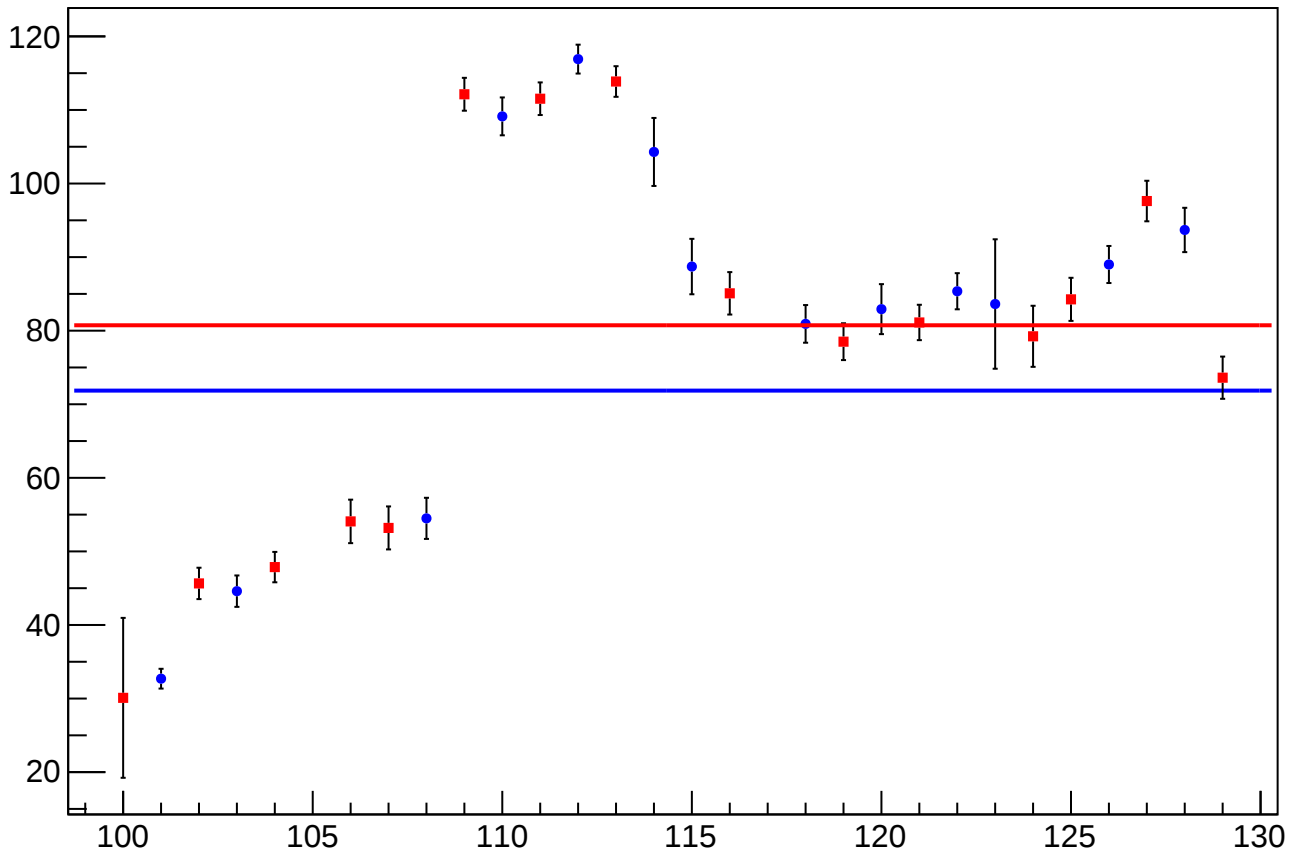
Right: 3.352 $\pm$ 0.262 χ^2 /NDF: 466.7/27

In: 3.235 $\pm$ 0.365 χ^2 /NDF:217.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.352 $\pm$ 0.262 χ^2 /NDF: 466.7/27

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 71.855+/-0.688 χ^2/NDF : 2010.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.735+/-0.673 χ^2/NDF : 1408.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

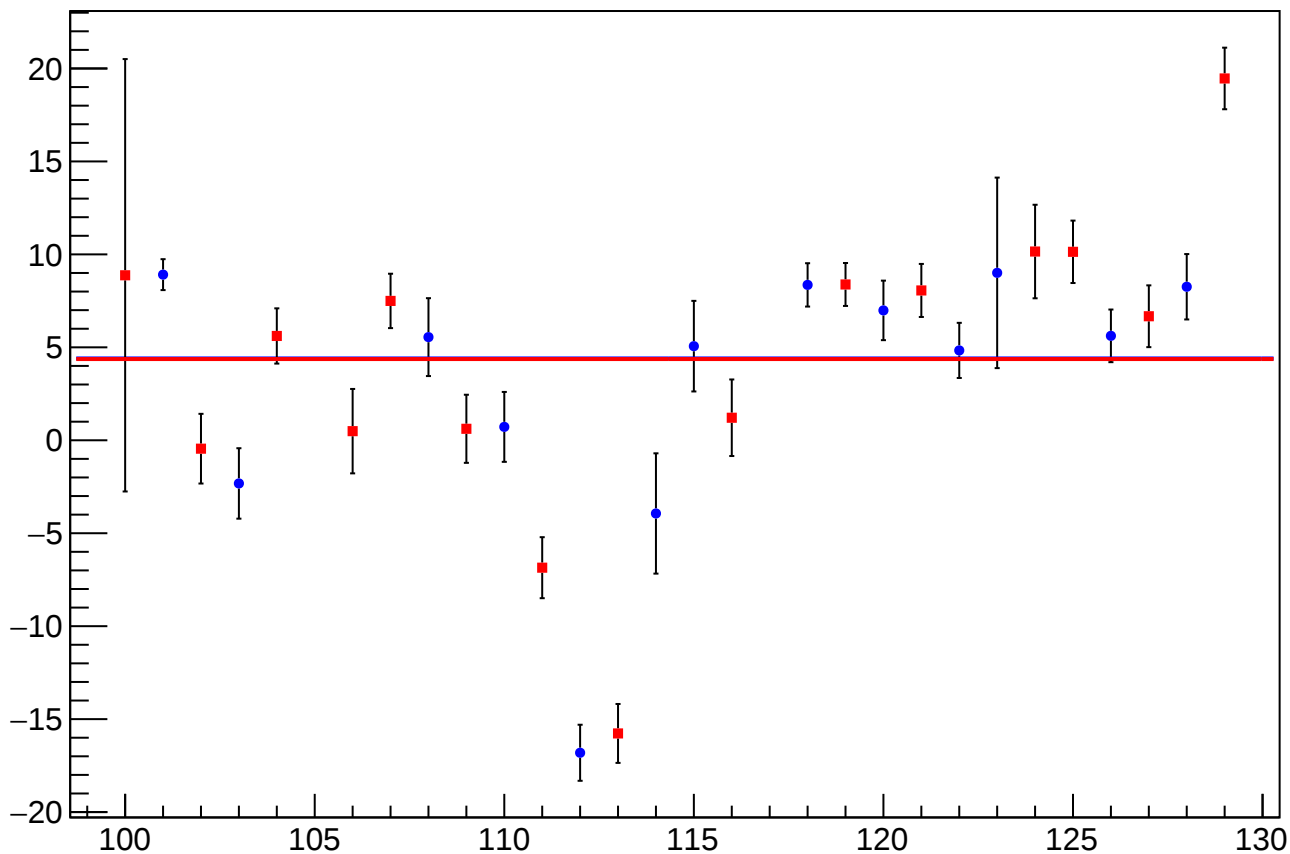
Right: 76.393+/-0.481 χ^2/NDF : 3503.9/27

In: 71.855+/-0.688 χ^2/NDF : 2010.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.393+/-0.481 χ^2/NDF : 3503.9/27

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.401+/-0.431 χ^2/NDF : 271.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.370+/-0.439 χ^2/NDF : 350.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

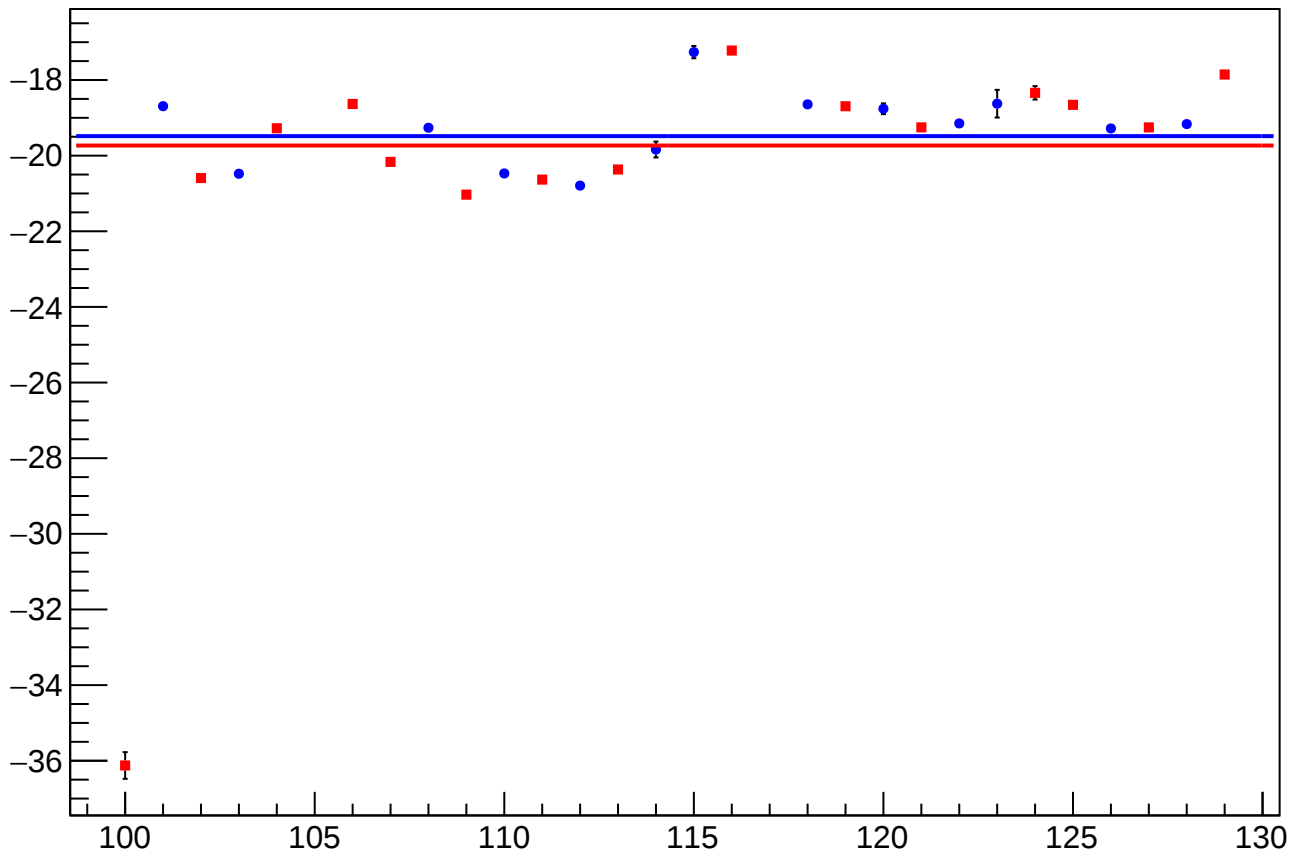
Right: 4.385+/-0.308 χ^2/NDF : 621.9/27

In: 4.401+/-0.431 χ^2/NDF : 271.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.385+/-0.308 χ^2/NDF : 621.9/27

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.484+/-0.024 χ^2/NDF : 1284.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.733+/-0.023 χ^2/NDF : 3955.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

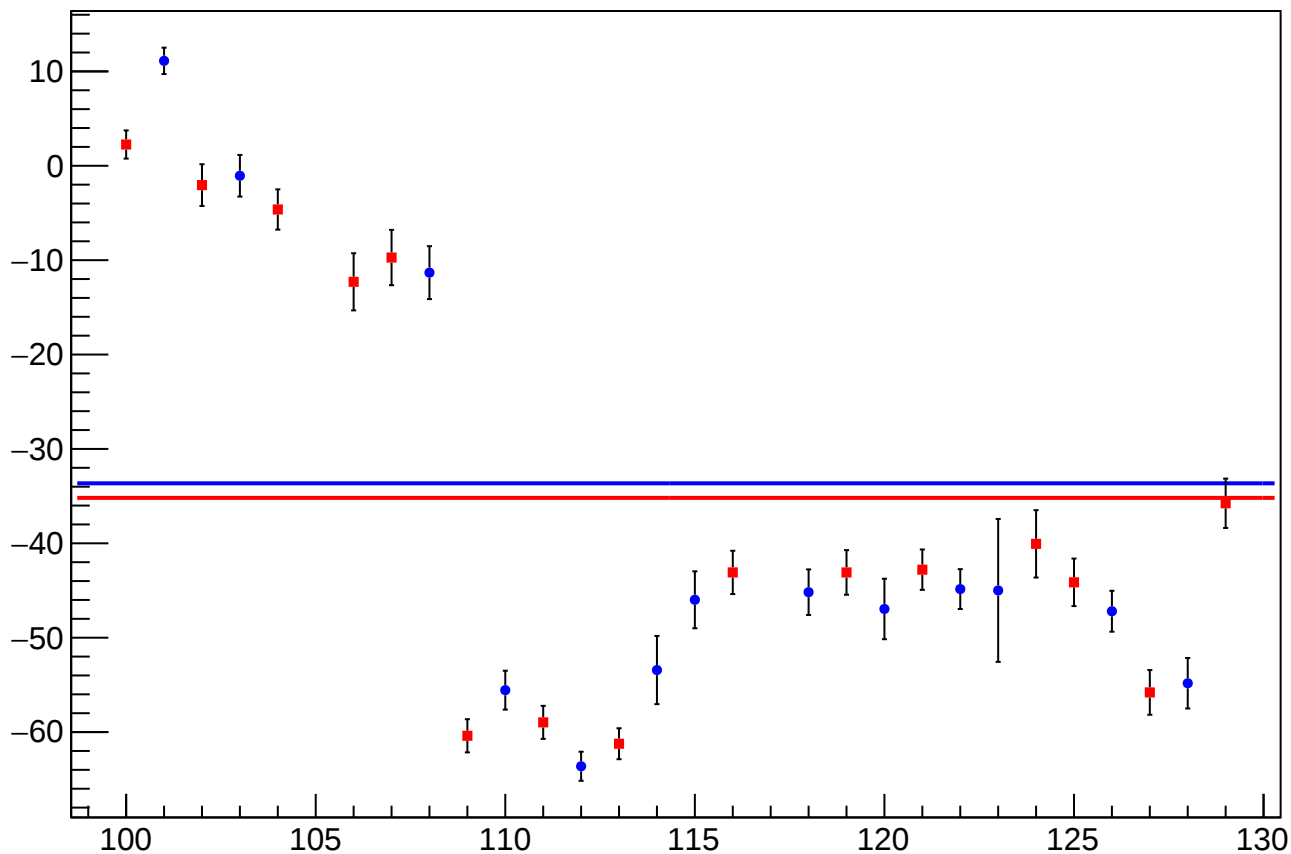
Right: -19.615+/-0.017 χ^2/NDF : 5296.6/27

In: -19.484+/-0.024 χ^2/NDF : 1284.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.615+/-0.017 χ^2/NDF : 5296.6/27

reg_asym_right_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -33.643+/-0.626 χ^2/NDF : 2019.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.186+/-0.553 χ^2/NDF : 1961.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

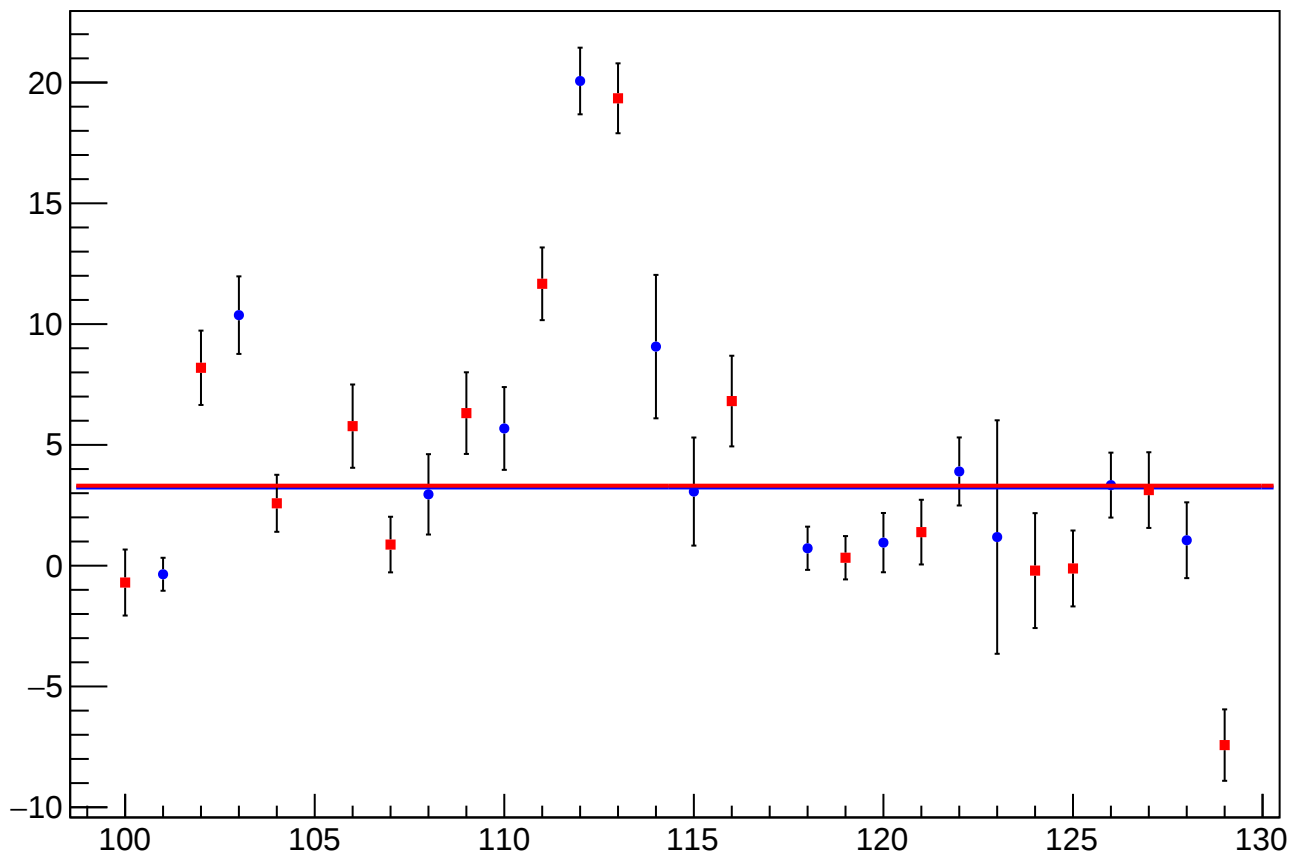
Right: -34.510+/-0.414 χ^2/NDF : 3984.3/27

In: -33.643+/-0.626 χ^2/NDF : 2019.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.510+/-0.414 χ^2/NDF : 3984.3/27

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.238+/-0.365 χ^2/NDF : 215.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.311+/-0.363 χ^2/NDF : 258.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

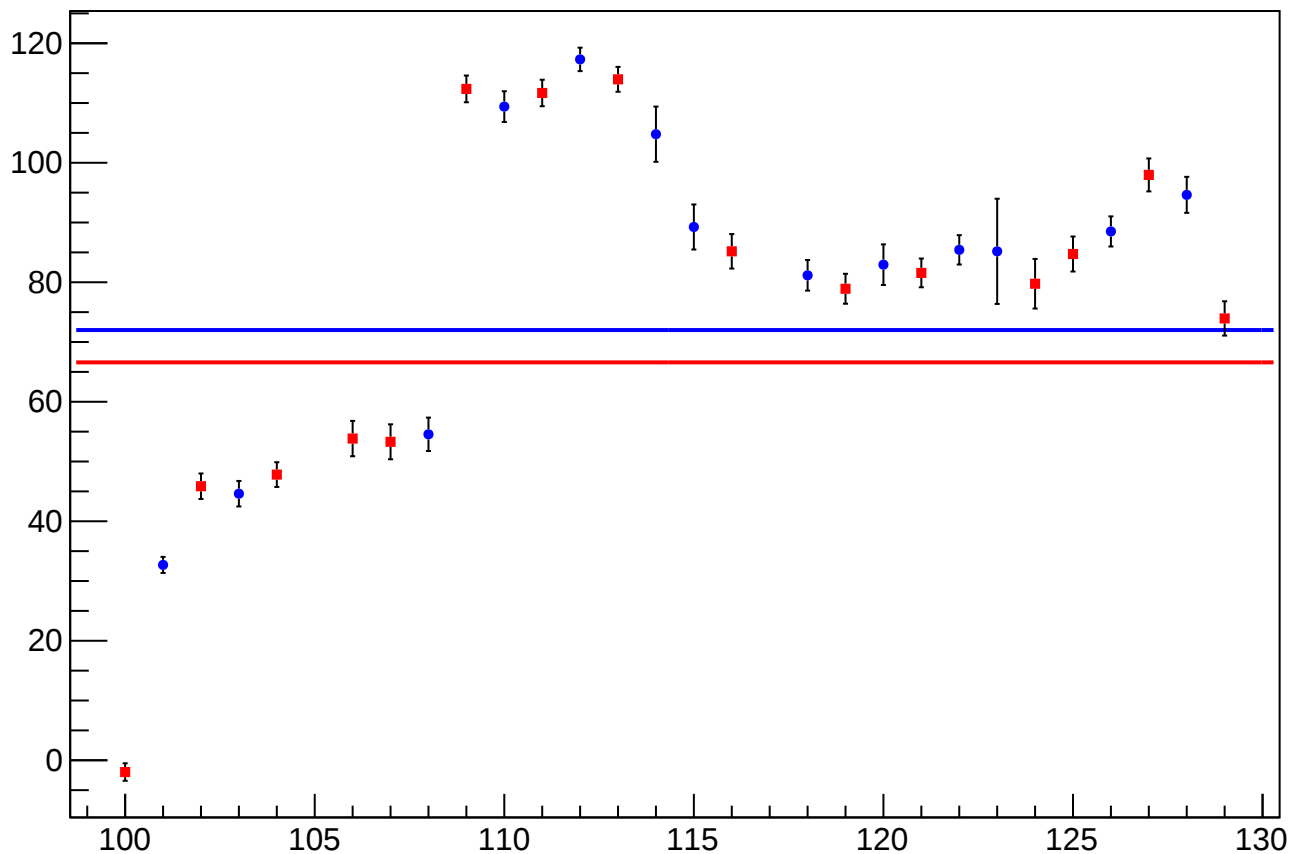
Right: 3.275+/-0.258 χ^2/NDF : 474.7/27

In: 3.238+/-0.365 χ^2/NDF : 215.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.275+/-0.258 χ^2/NDF : 474.7/27

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.003+/-0.688 χ^2/NDF : 2026.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.594+/-0.613 χ^2/NDF : 4046.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

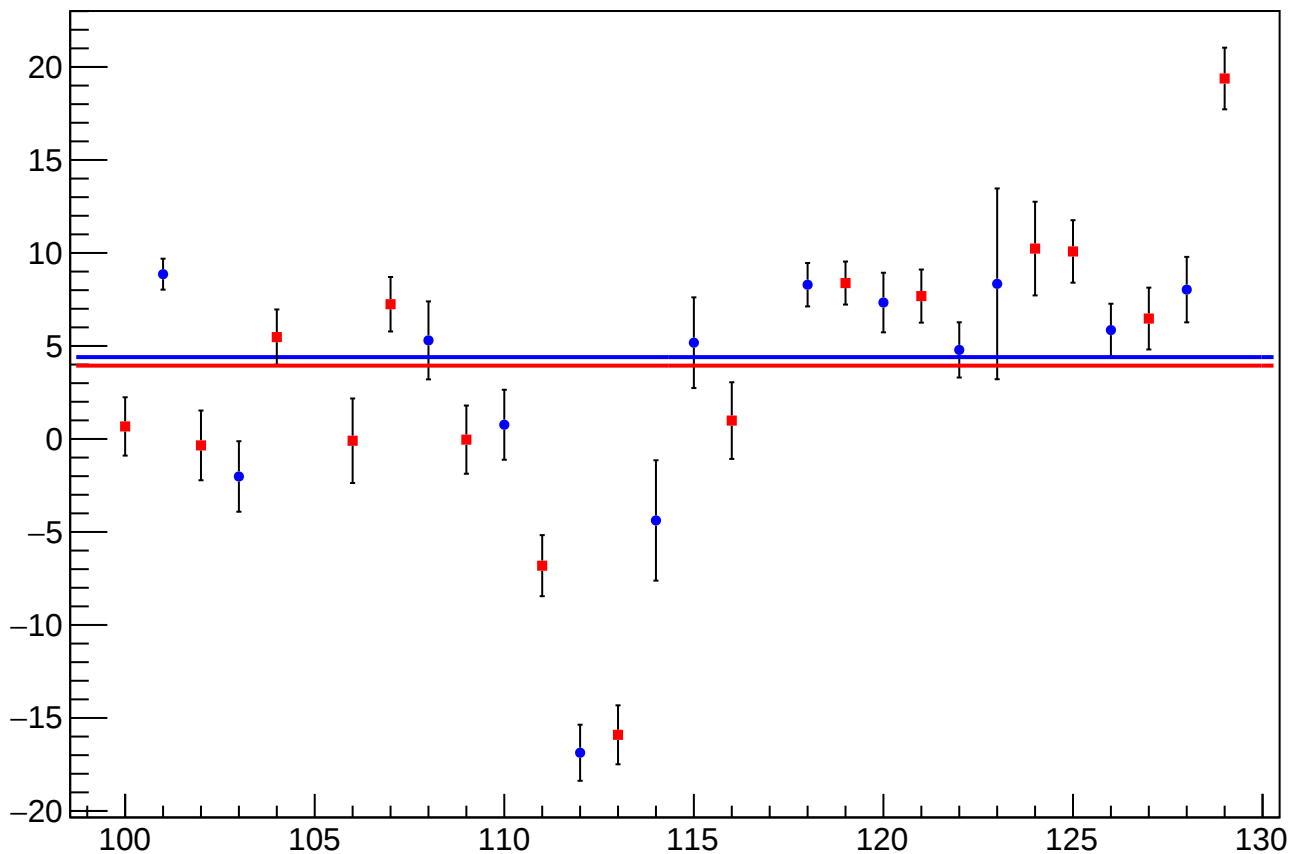
Right: 68.986+/-0.458 χ^2/NDF : 6108.1/27

In: 72.003+/-0.688 χ^2/NDF : 2026.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.986+/-0.458 χ^2/NDF : 6108.1/27

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.400 $\pm$ 0.431 χ^2 /NDF: 270.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.943 $\pm$ 0.423 χ^2 /NDF: 355.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

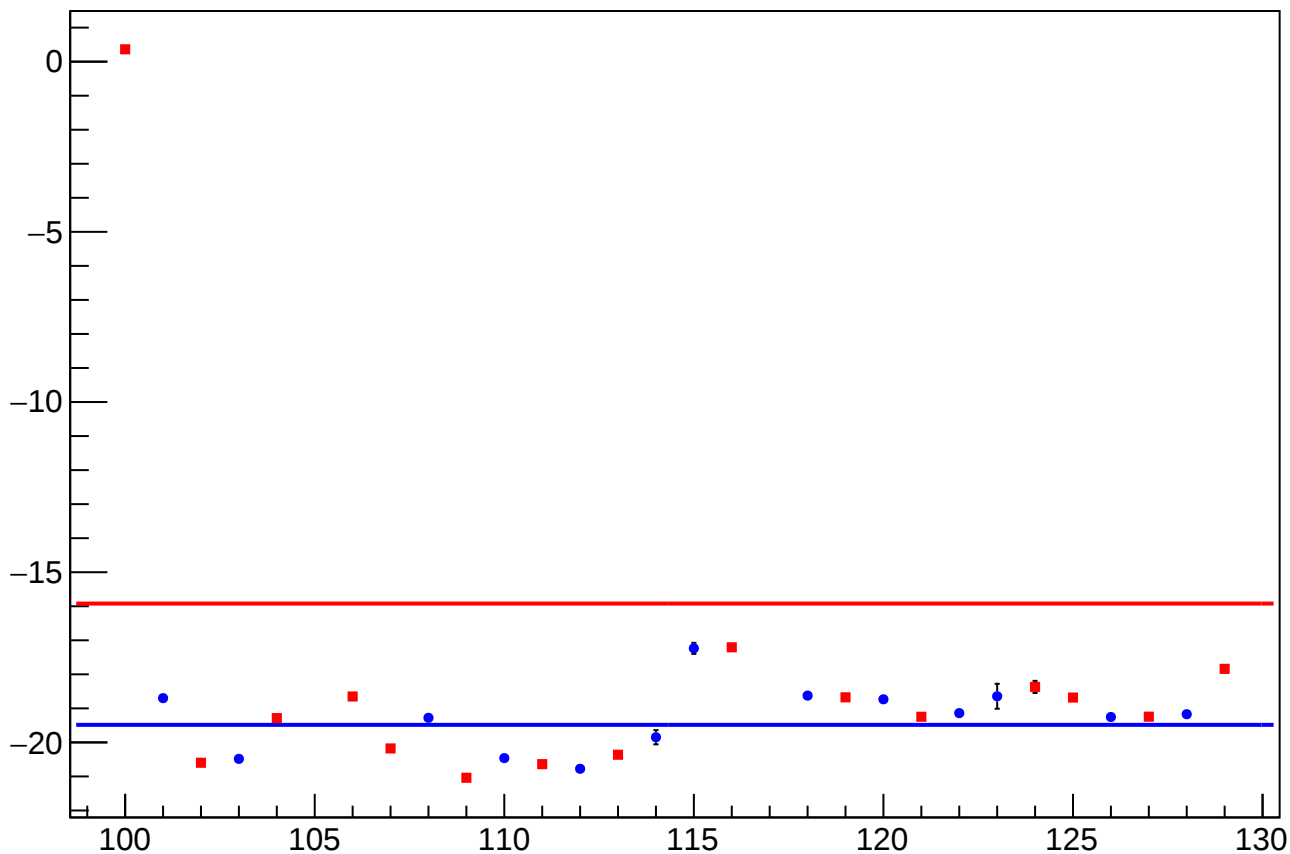
Right: 4.167 $\pm$ 0.302 χ^2 /NDF: 627.1/27

In: 4.400 $\pm$ 0.431 χ^2 /NDF:270.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.167 $\pm$ 0.302 χ^2 /NDF: 627.1/27

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.484 ± 0.024 χ^2/NDF : 1283.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.921 ± 0.021 χ^2/NDF : 146309.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

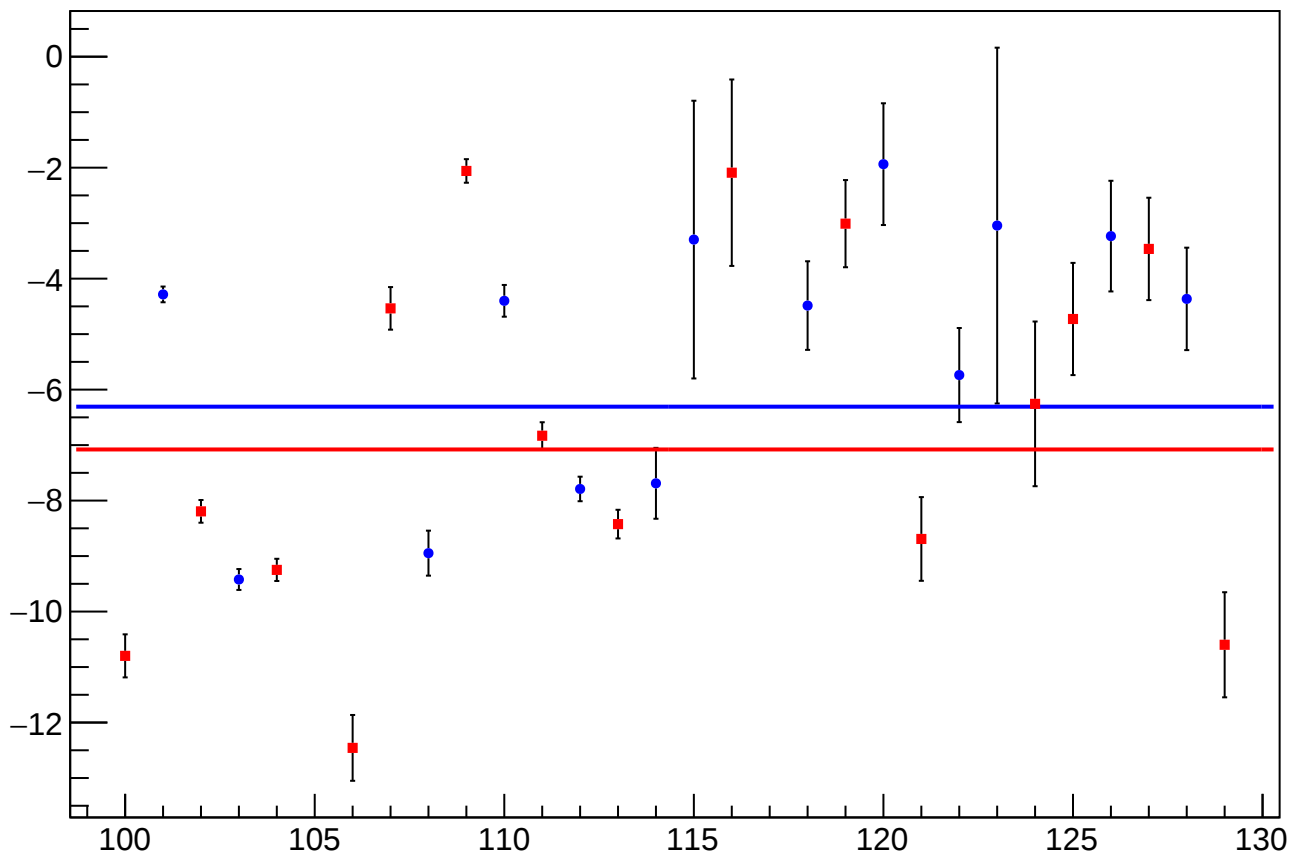
Right: -17.428 ± 0.016 χ^2/NDF : 160302.5/27

In: -19.484 ± 0.024 χ^2/NDF : 1283.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -17.428 ± 0.016 χ^2/NDF : 160302.5/27

reg_asym_sam_15_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -6.307 ± 0.089 χ^2/NDF : 652.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.079 ± 0.089 χ^2/NDF : 1026.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

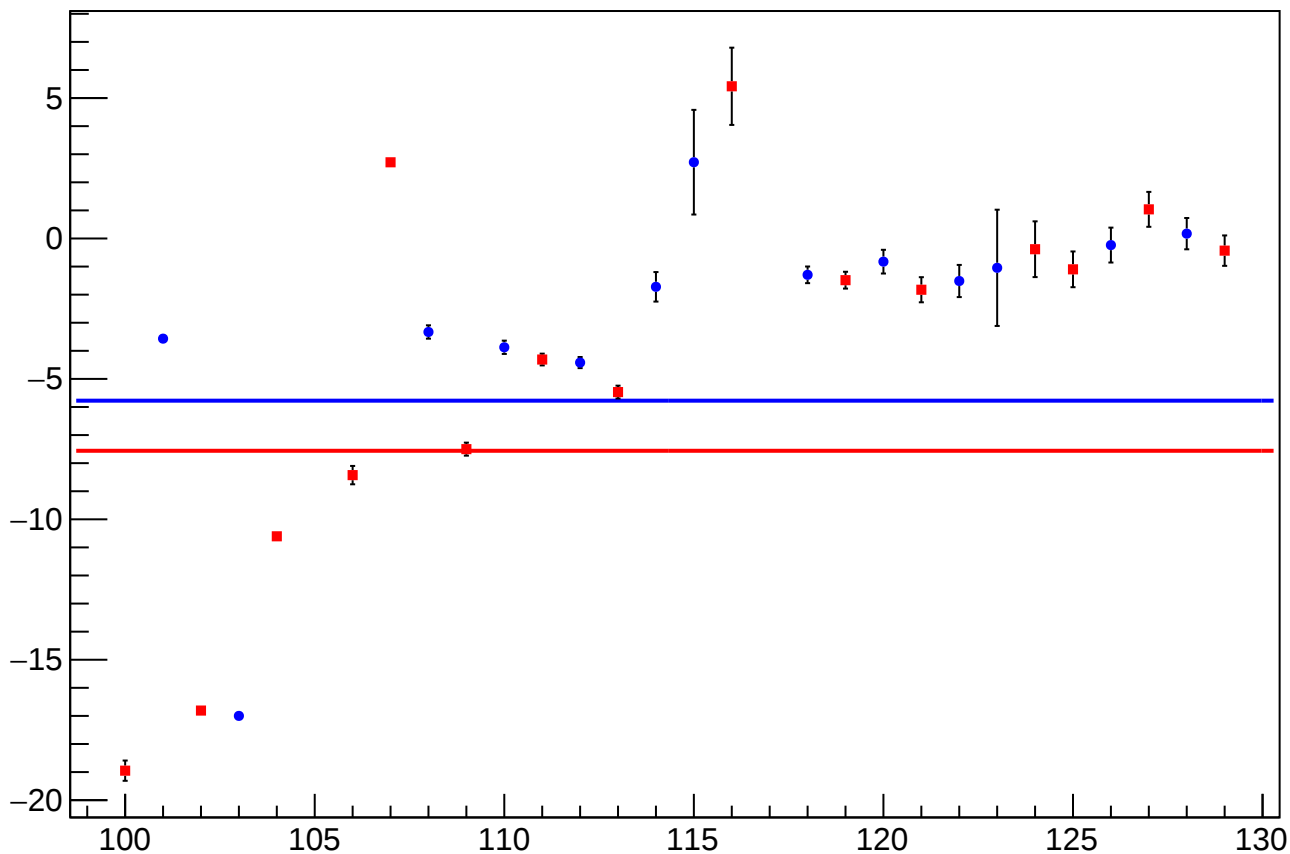
Right: -6.695 ± 0.063 χ^2/NDF : 1715.8/27

In: -6.307 ± 0.089 χ^2/NDF : 652.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.695 ± 0.063 χ^2/NDF : 1715.8/27

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.775 ± 0.057 χ^2/NDF : 8630.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.559 ± 0.062 χ^2/NDF : 11566.7/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

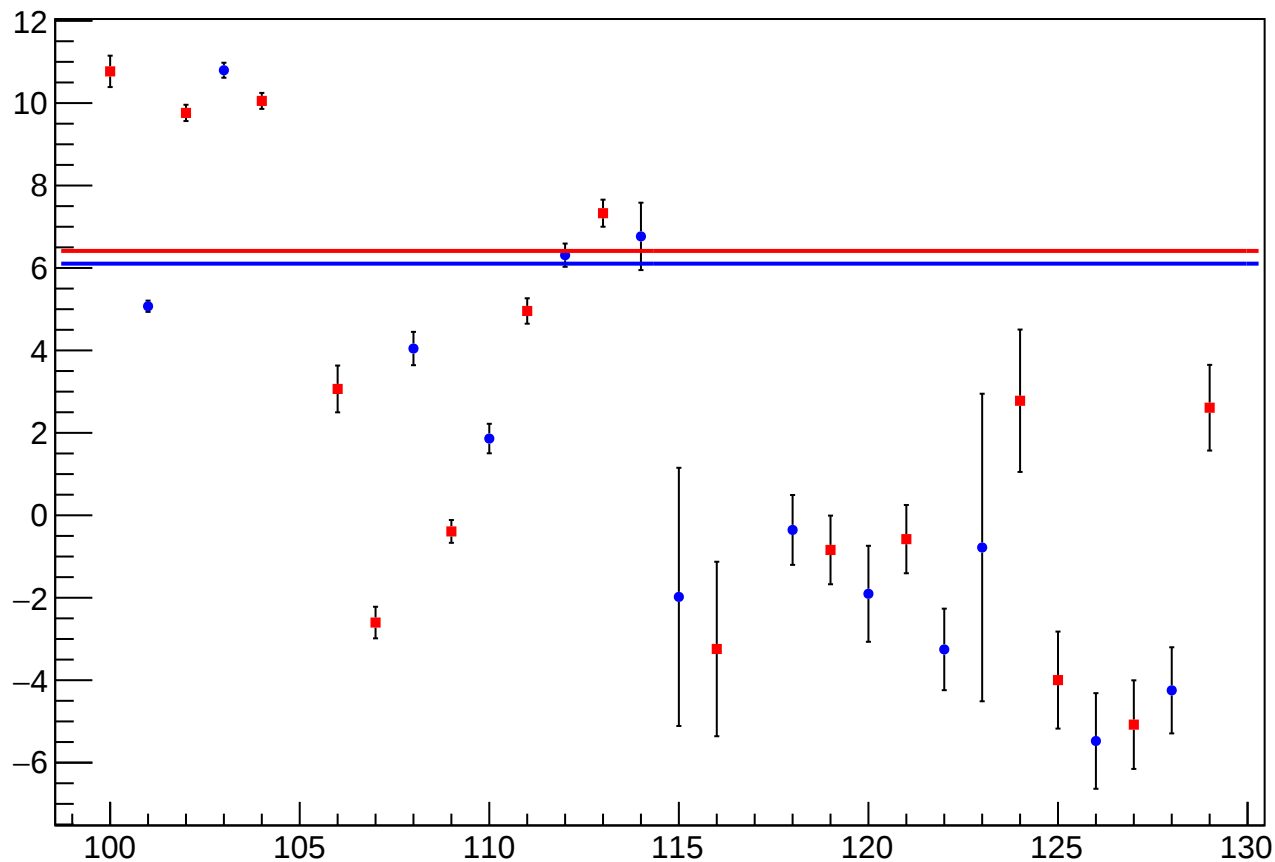
Right: -6.589 ± 0.042 χ^2/NDF : 20646.0/27

In: -5.775 ± 0.057 χ^2/NDF : 8630.2/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.589 ± 0.042 χ^2/NDF : 20646.0/27

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.105+/-0.093 χ^2/NDF : 1291.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.414+/-0.096 χ^2/NDF : 2374.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

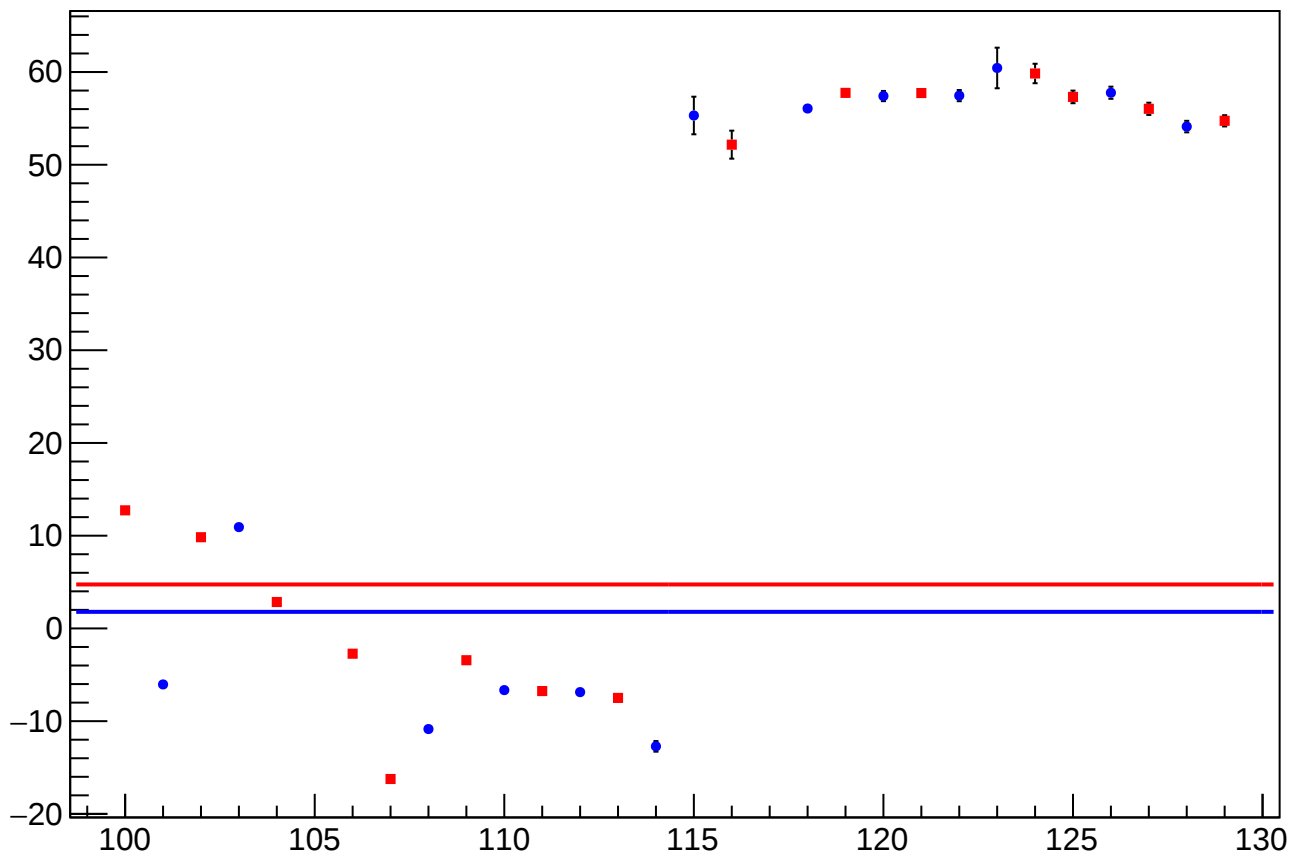
Right: 6.253+/-0.067 χ^2/NDF : 3671.2/27

In: 6.105+/-0.093 χ^2/NDF : 1291.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.253+/-0.067 χ^2/NDF : 3671.2/27

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.788+/-0.068 χ^2/NDF : 69509.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4.740+/-0.074 χ^2/NDF : 72754.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

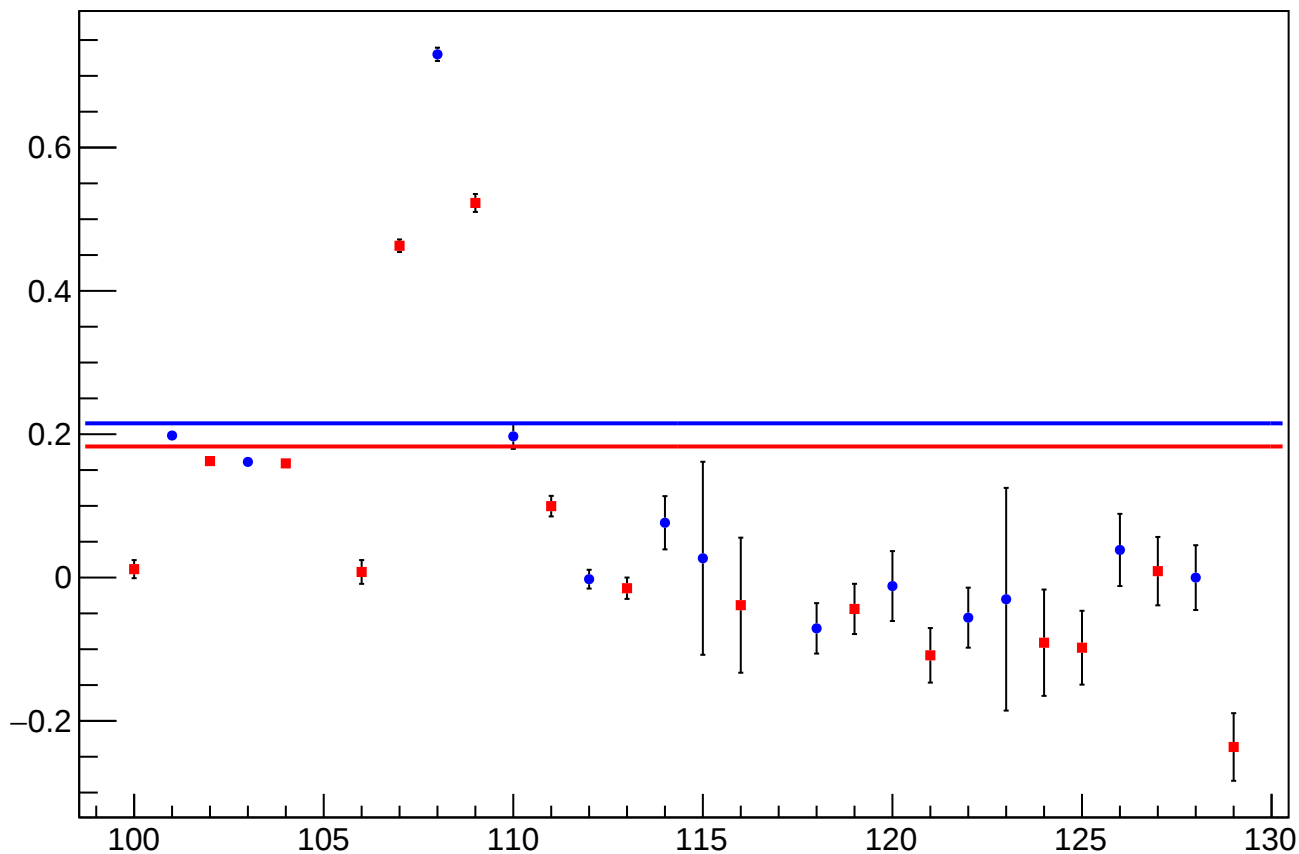
Right: 3.139+/-0.050 χ^2/NDF : 143132.7/27

In: 1.788+/-0.068 χ^2/NDF :69509.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3.139+/-0.050 χ^2/NDF : 143132.7/27

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215+/-0.003 χ^2/NDF : 3718.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.183+/-0.003 χ^2/NDF : 2539.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

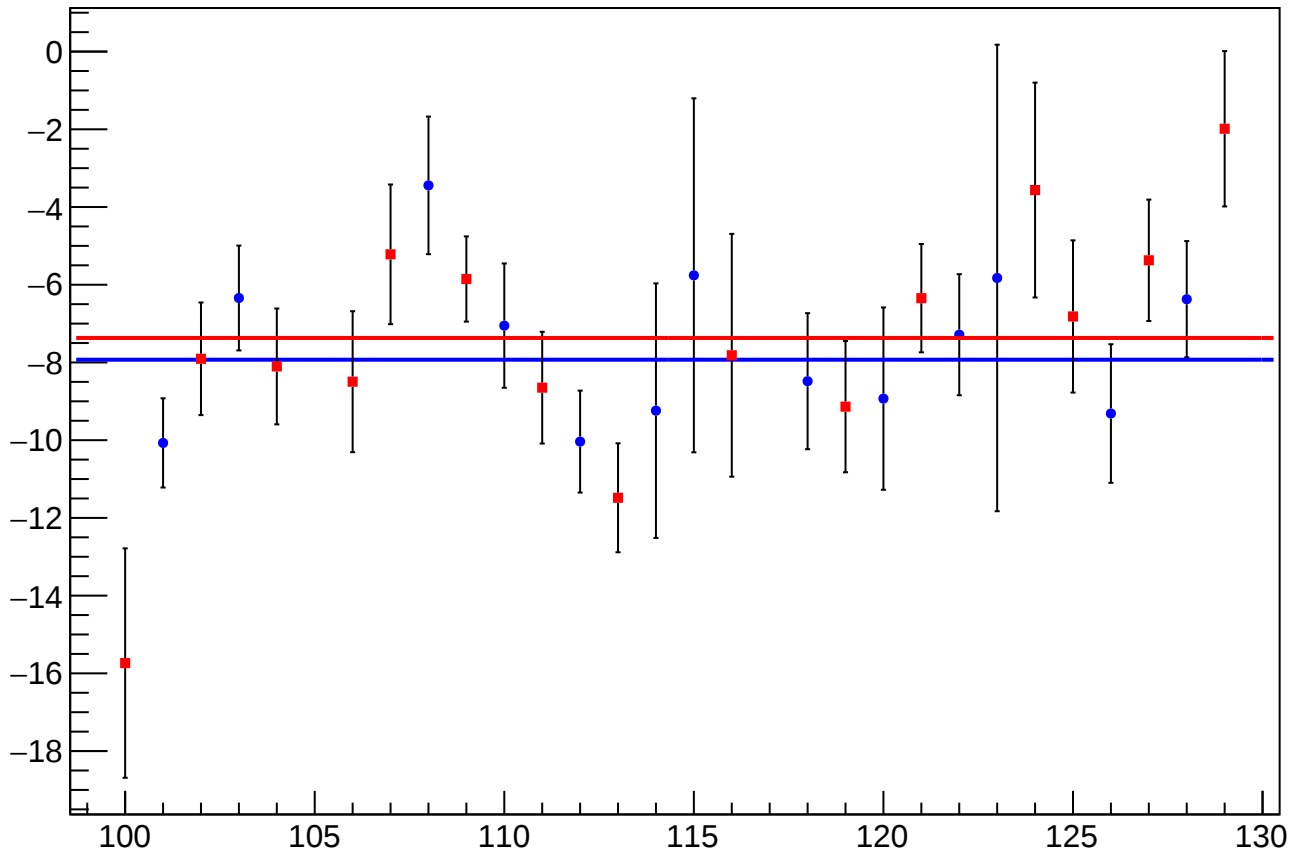
Right: 0.198+/-0.002 χ^2/NDF : 6323.5/27

In: 0.215+/-0.003 χ^2/NDF : 3718.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.198+/-0.002 χ^2/NDF : 6323.5/27

reg_asym_sam_15_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -7.929 ± 0.474 χ^2/NDF : 16.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.369 ± 0.426 χ^2/NDF : 34.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

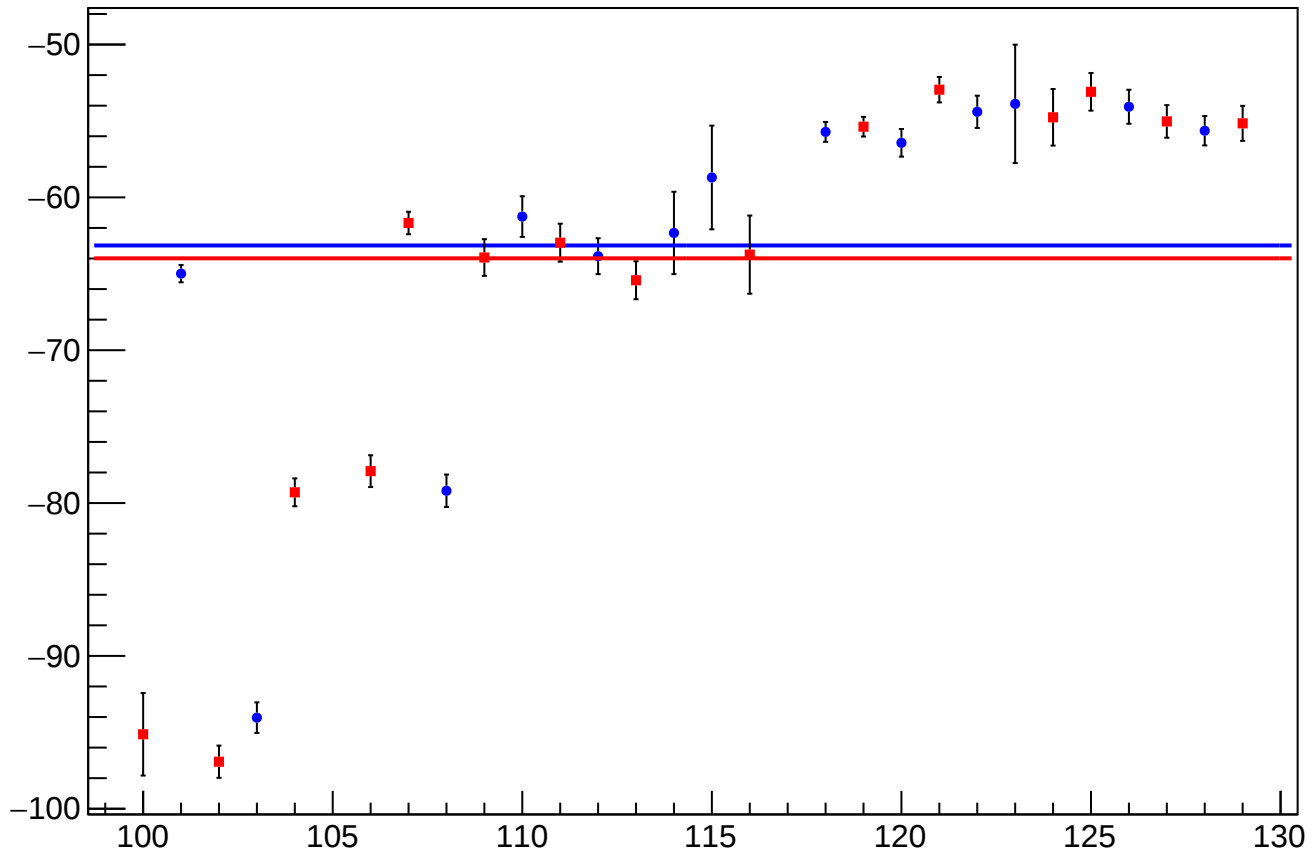
Right: -7.620 ± 0.317 χ^2/NDF : 51.7/27

In: -7.929 ± 0.474 χ^2/NDF : 16.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.620 ± 0.317 χ^2/NDF : 51.7/27

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -63.146+/-0.278 χ^2/NDF : 1585.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -63.988+/-0.271 χ^2/NDF : 2170.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

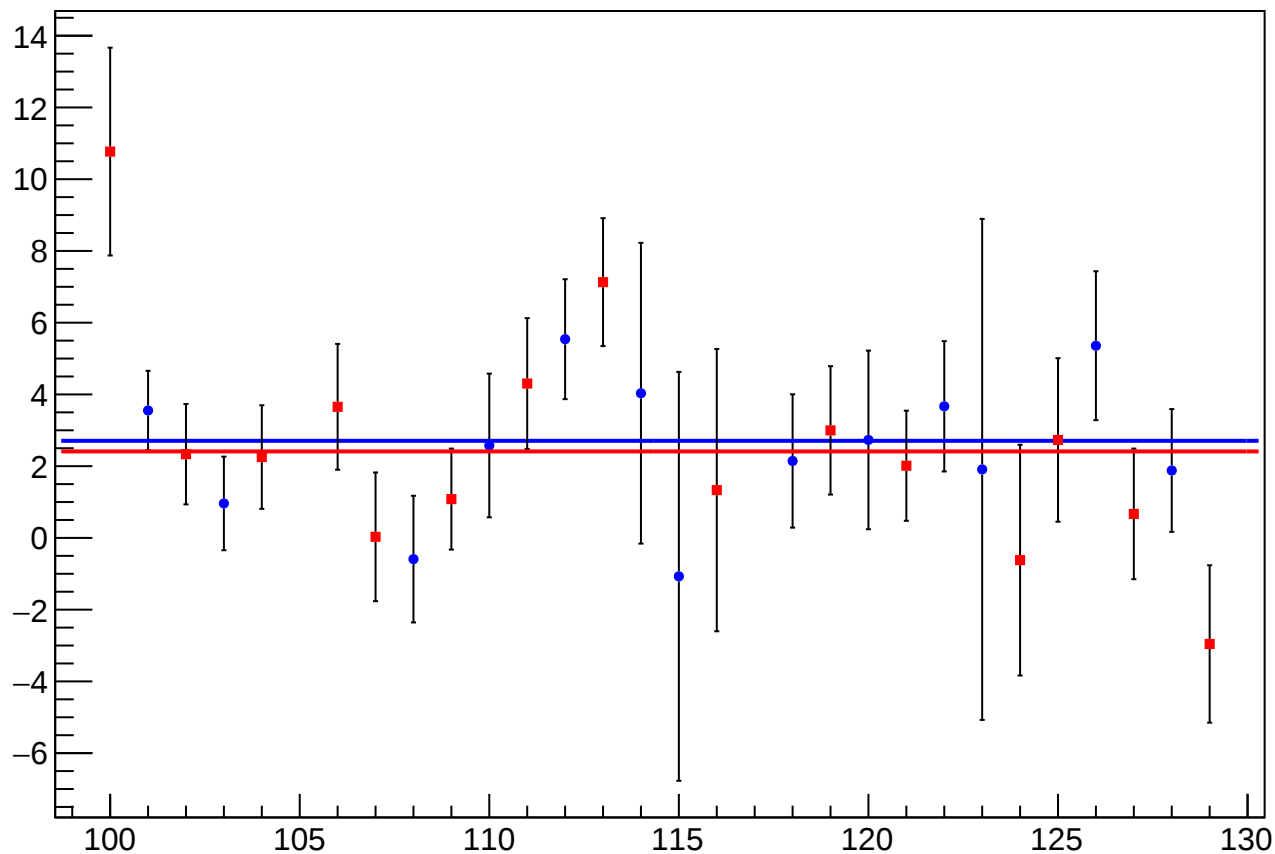
Right: -63.577+/-0.194 χ^2/NDF : 3760.9/27

In: -63.146+/-0.278 χ^2/NDF : 1585.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.577+/-0.194 χ^2/NDF : 3760.9/27

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.707 $\pm$ 0.515 χ^2 /NDF: 11.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.411 $\pm$ 0.473 χ^2 /NDF: 27.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

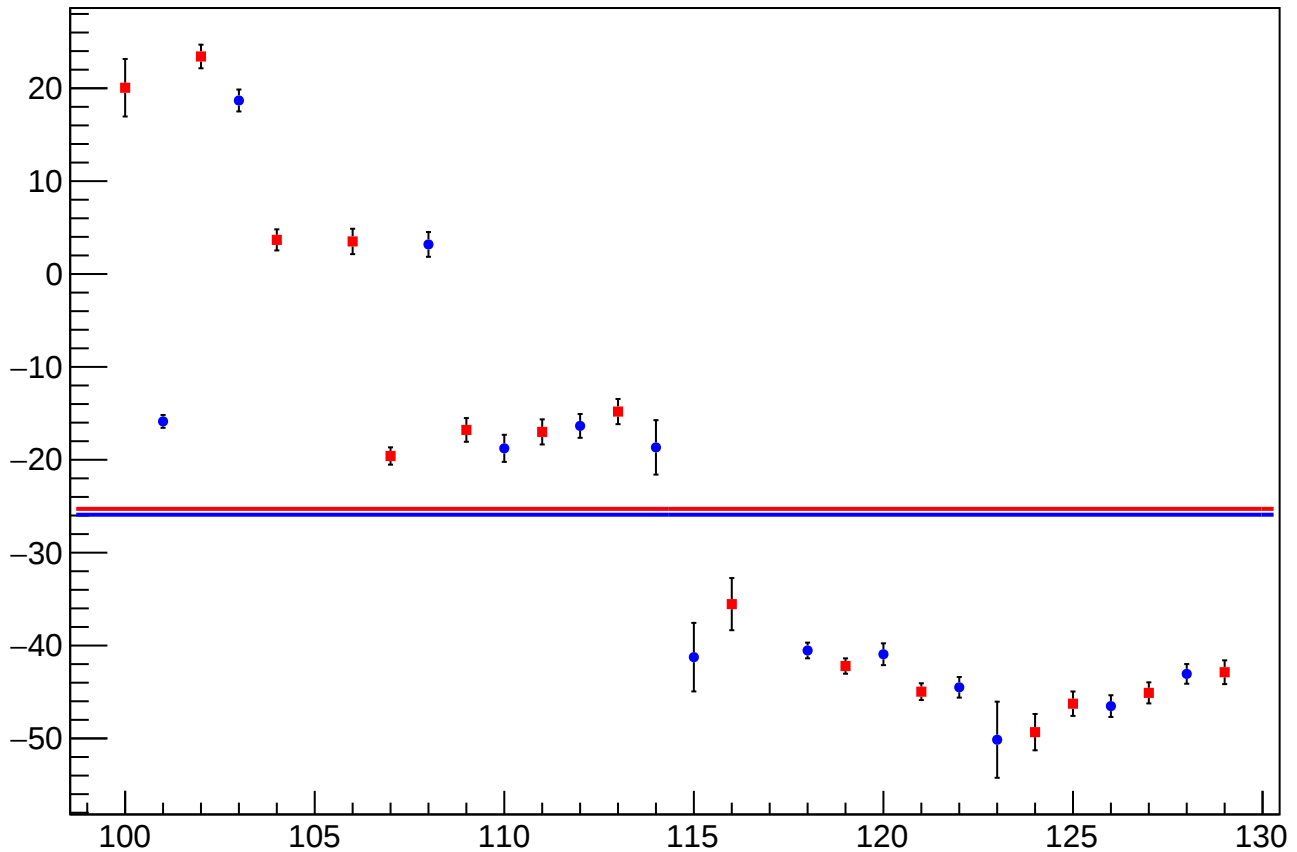
Right: 2.546 $\pm$ 0.348 χ^2 /NDF: 39.3/27

In: 2.707 $\pm$ 0.515 χ^2 /NDF:11.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.546 $\pm$ 0.348 χ^2 /NDF: 39.3/27

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -25.913 ± 0.329 χ^2/NDF : 3563.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -25.284 ± 0.317 χ^2/NDF : 4762.6/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

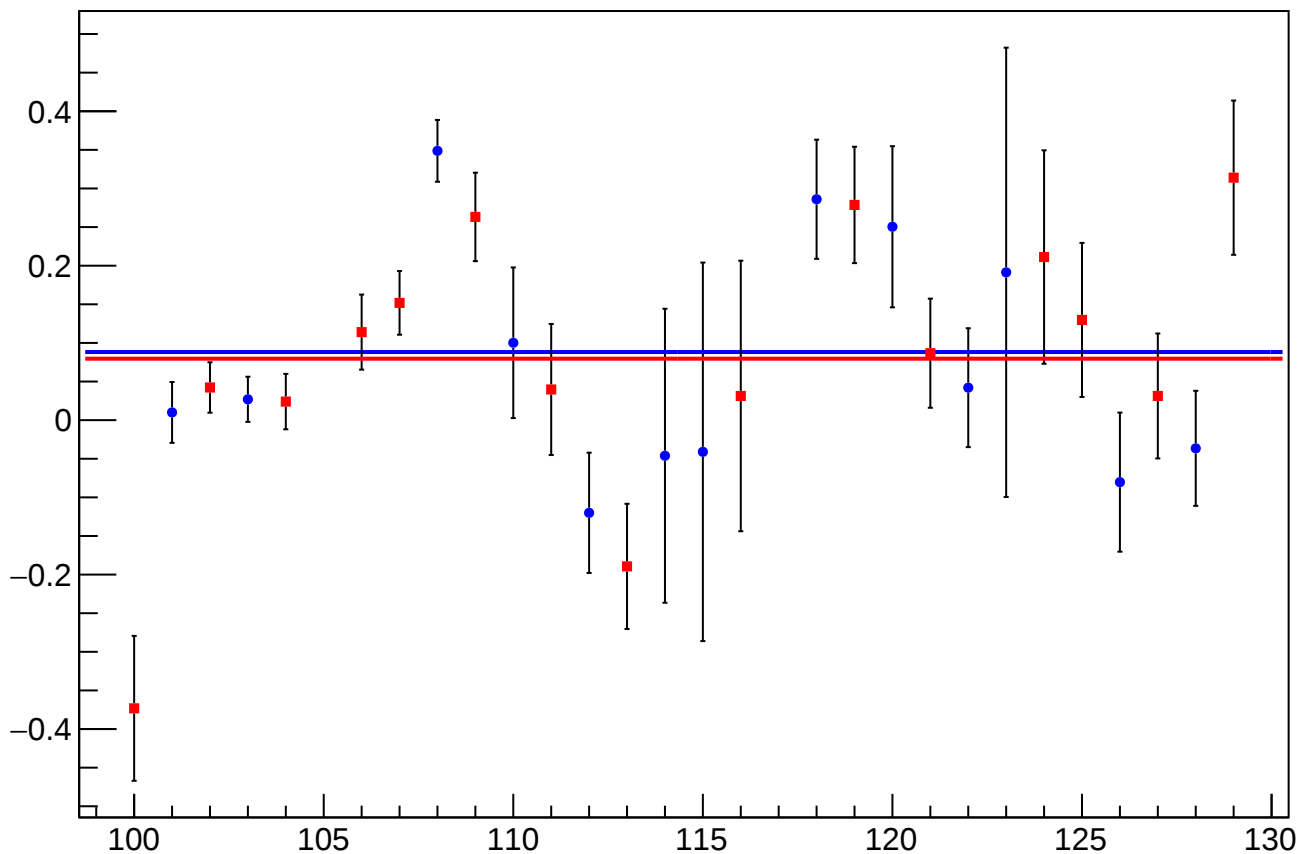
Right: -25.587 ± 0.228 χ^2/NDF : 8328.3/27

In: -25.913 ± 0.329 χ^2/NDF : 3563.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.587 ± 0.228 χ^2/NDF : 8328.3/27

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.088+/-0.017 χ^2/NDF : 74.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.080+/-0.015 χ^2/NDF : 66.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

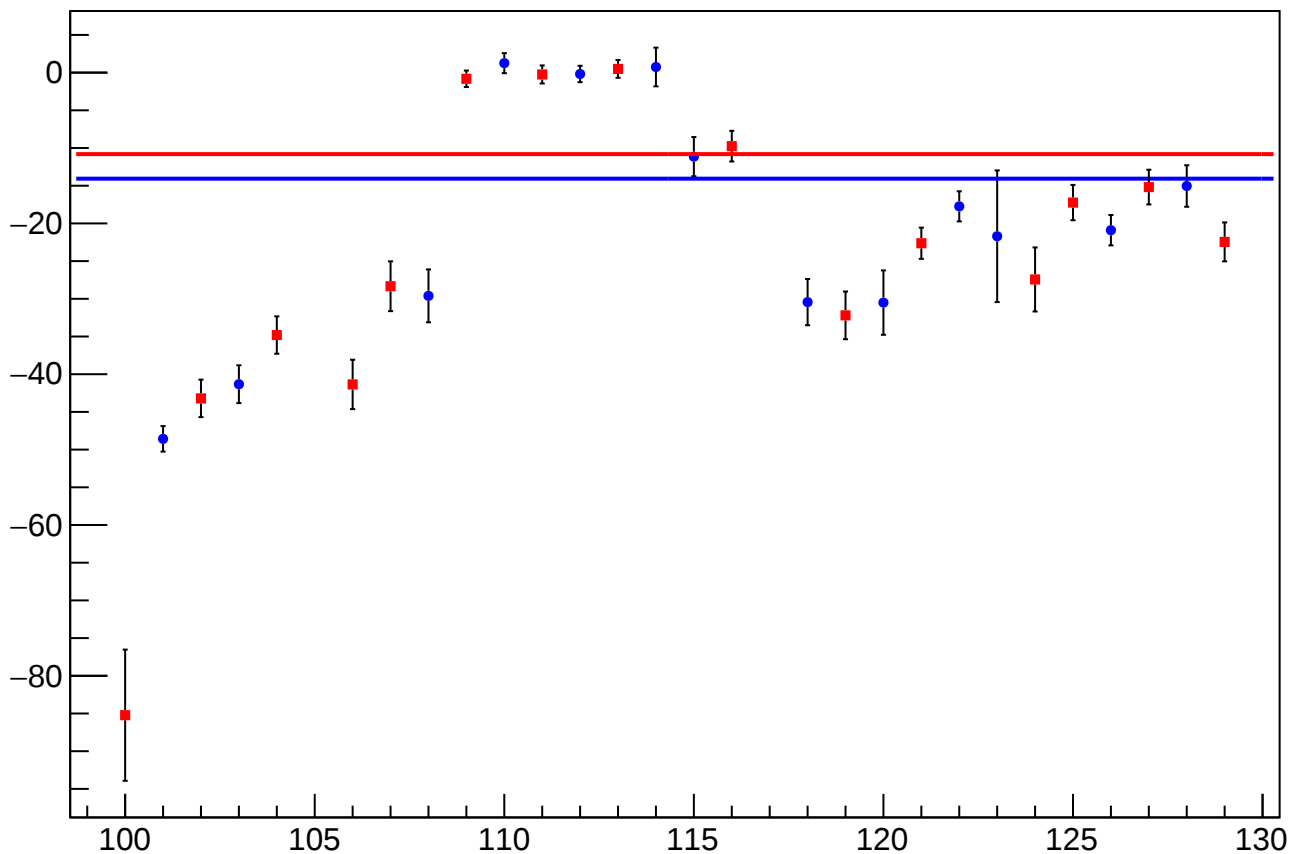
Right: 0.083+/-0.011 χ^2/NDF : 140.7/27

In: 0.088+/-0.017 χ^2/NDF : 74.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.083+/-0.011 χ^2/NDF : 140.7/27

reg_asym_sam_37_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -14.065+/-0.568 χ^2/NDF : 943.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.809+/-0.504 χ^2/NDF : 831.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

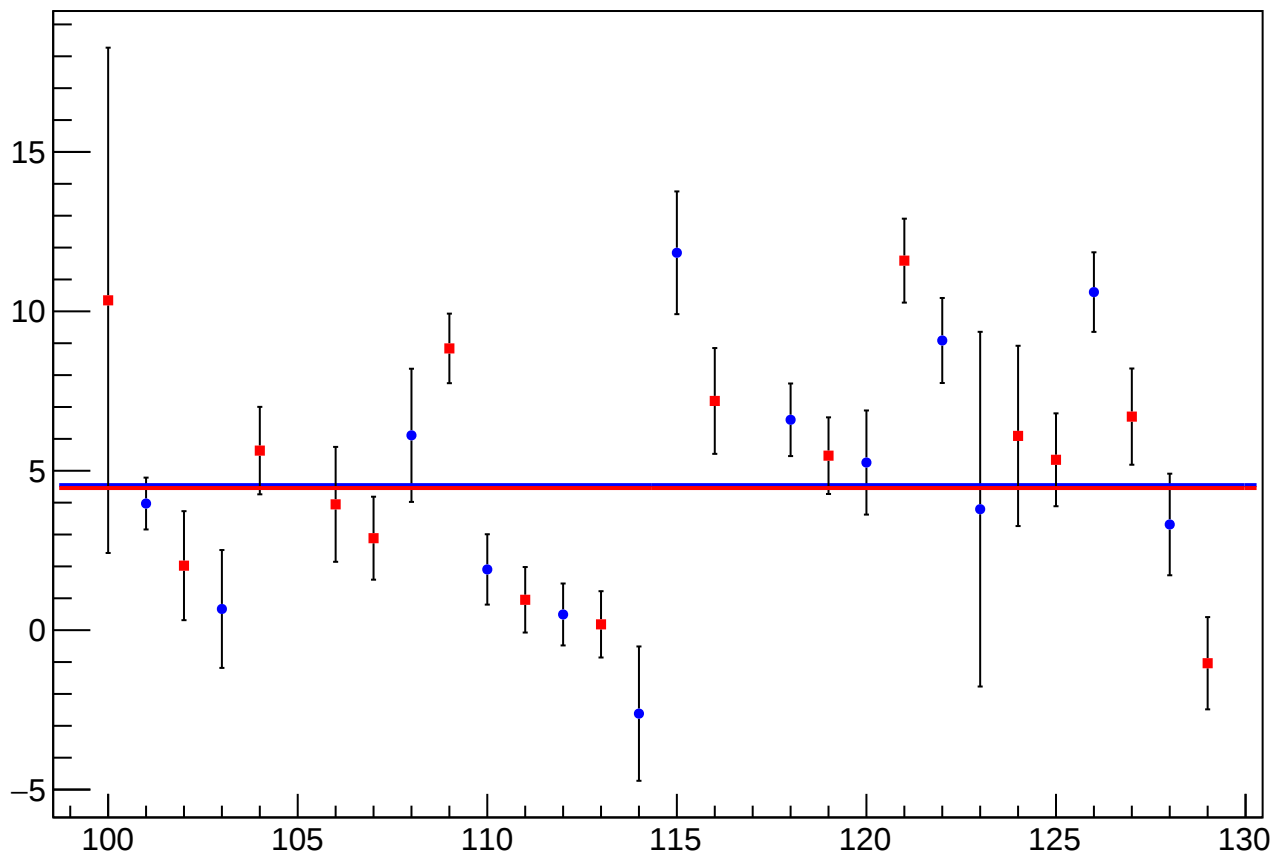
Right: -12.245+/-0.377 χ^2/NDF : 1792.5/27

In: -14.065+/-0.568 χ^2/NDF : 943.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.245+/-0.377 χ^2/NDF : 1792.5/27

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.550+/-0.373 χ^2/NDF : 93.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.458+/-0.362 χ^2/NDF : 99.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

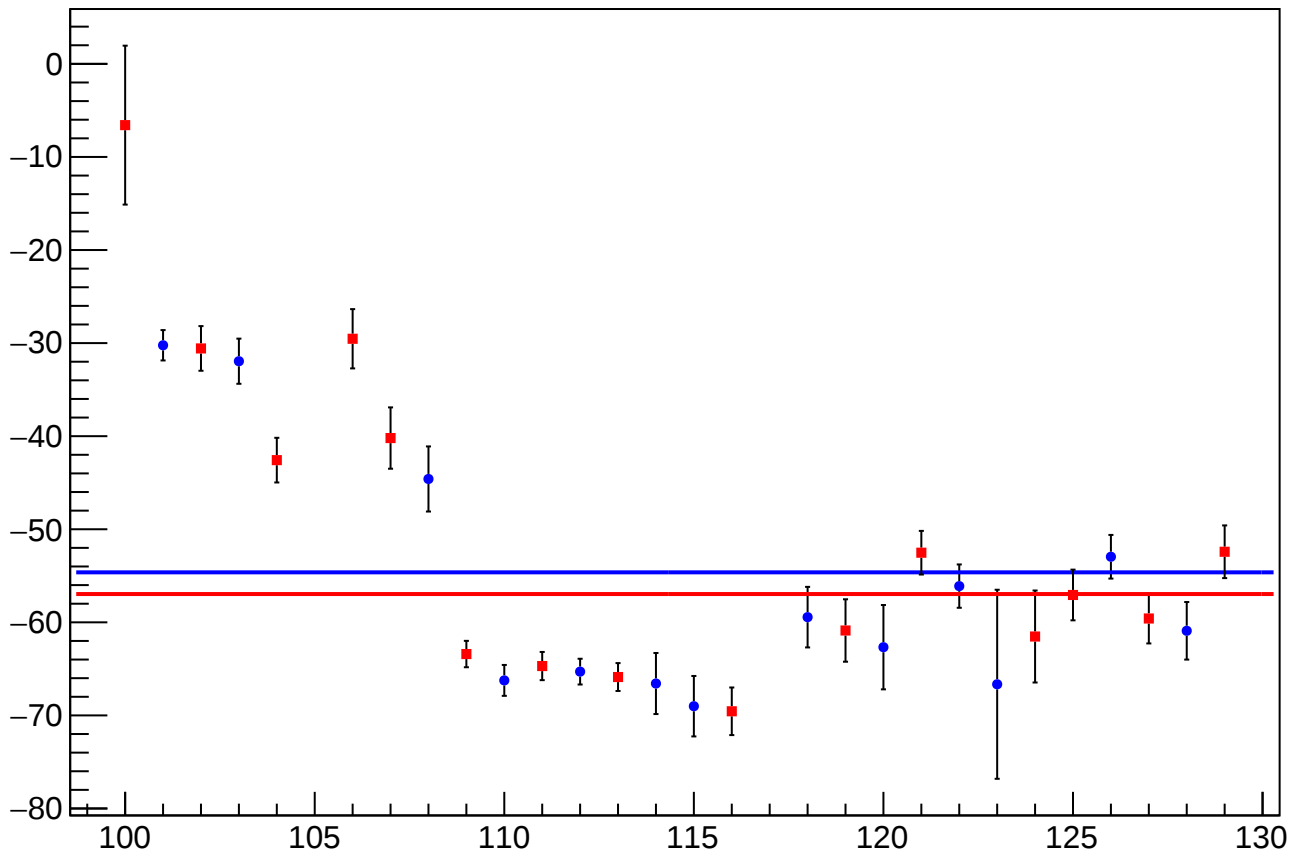
Right: 4.502+/-0.260 χ^2/NDF : 193.4/27

In: 4.550+/-0.373 χ^2/NDF : 93.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.502+/-0.260 χ^2/NDF : 193.4/27

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.630 $\pm$ 0.656 χ^2 /NDF: 472.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -56.960 $\pm$ 0.598 χ^2 /NDF: 407.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

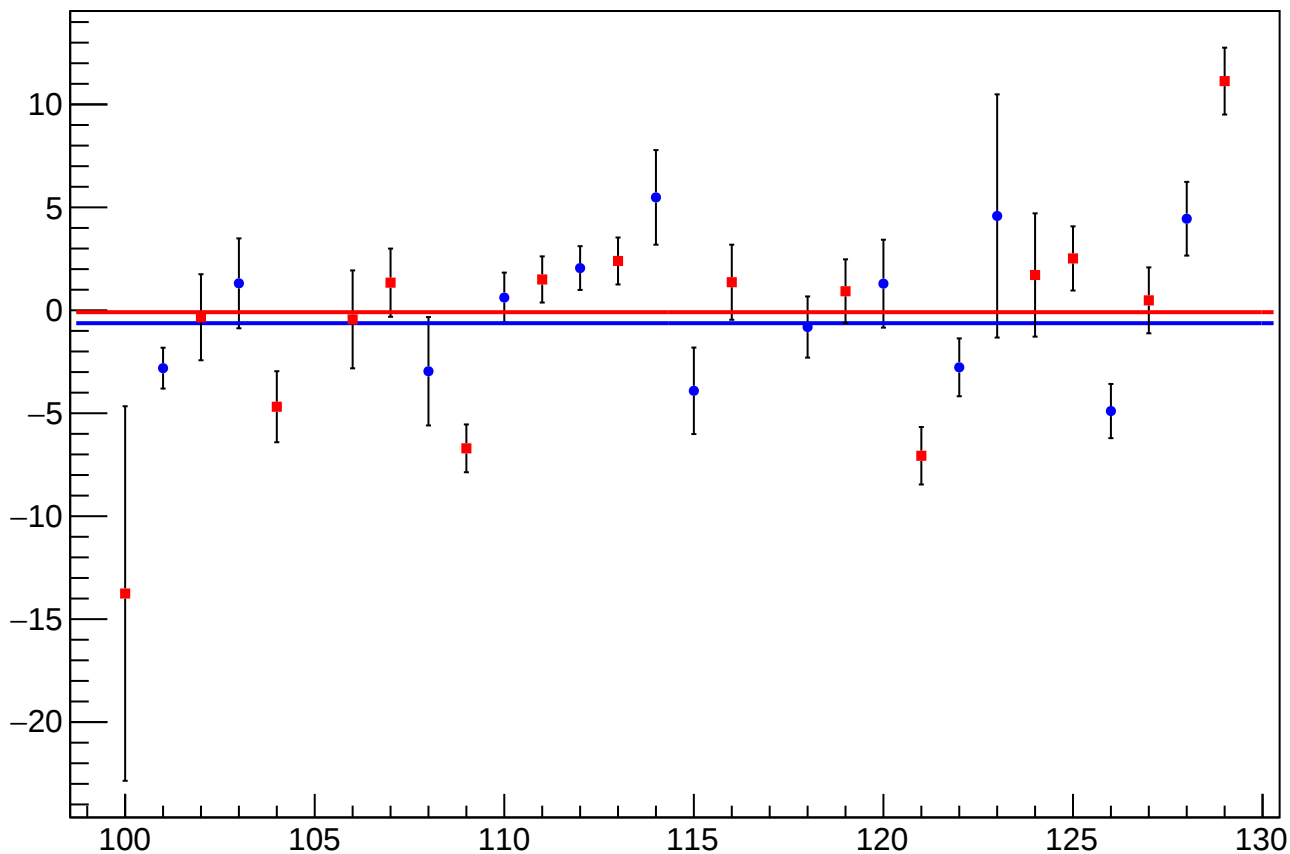
Right: -55.902 $\pm$ 0.442 χ^2 /NDF: 886.9/27

In: -54.630 $\pm$ 0.656 χ^2 /NDF: 472.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -55.902 $\pm$ 0.442 χ^2 /NDF: 886.9/27

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.625 ± 0.428 χ^2/NDF : 45.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.091 ± 0.410 χ^2/NDF : 126.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

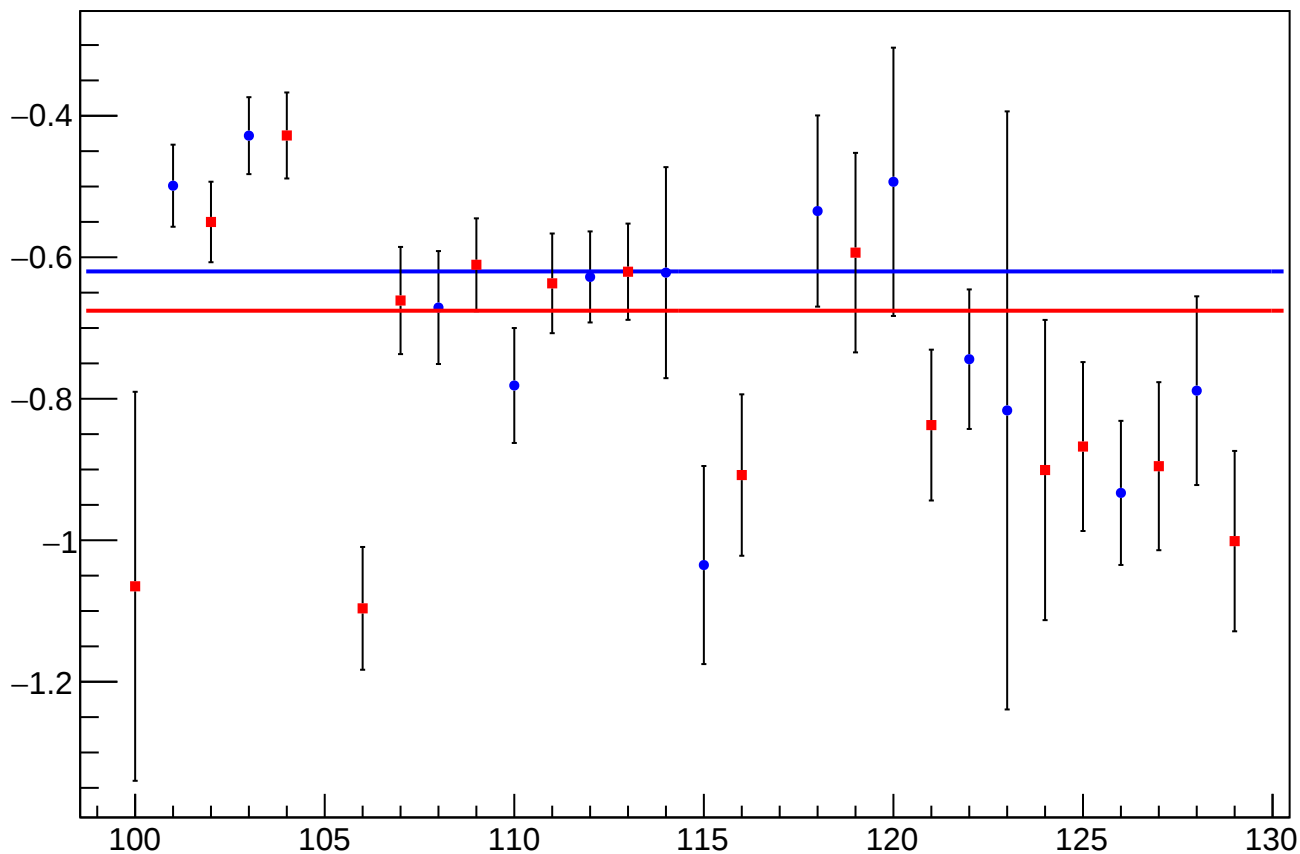
Right: -0.346 ± 0.296 χ^2/NDF : 173.0/27

In: -0.625 ± 0.428 χ^2/NDF : 45.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.346 ± 0.296 χ^2/NDF : 173.0/27

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.620 ± 0.025 χ^2/NDF : 43.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.676 ± 0.022 χ^2/NDF : 69.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

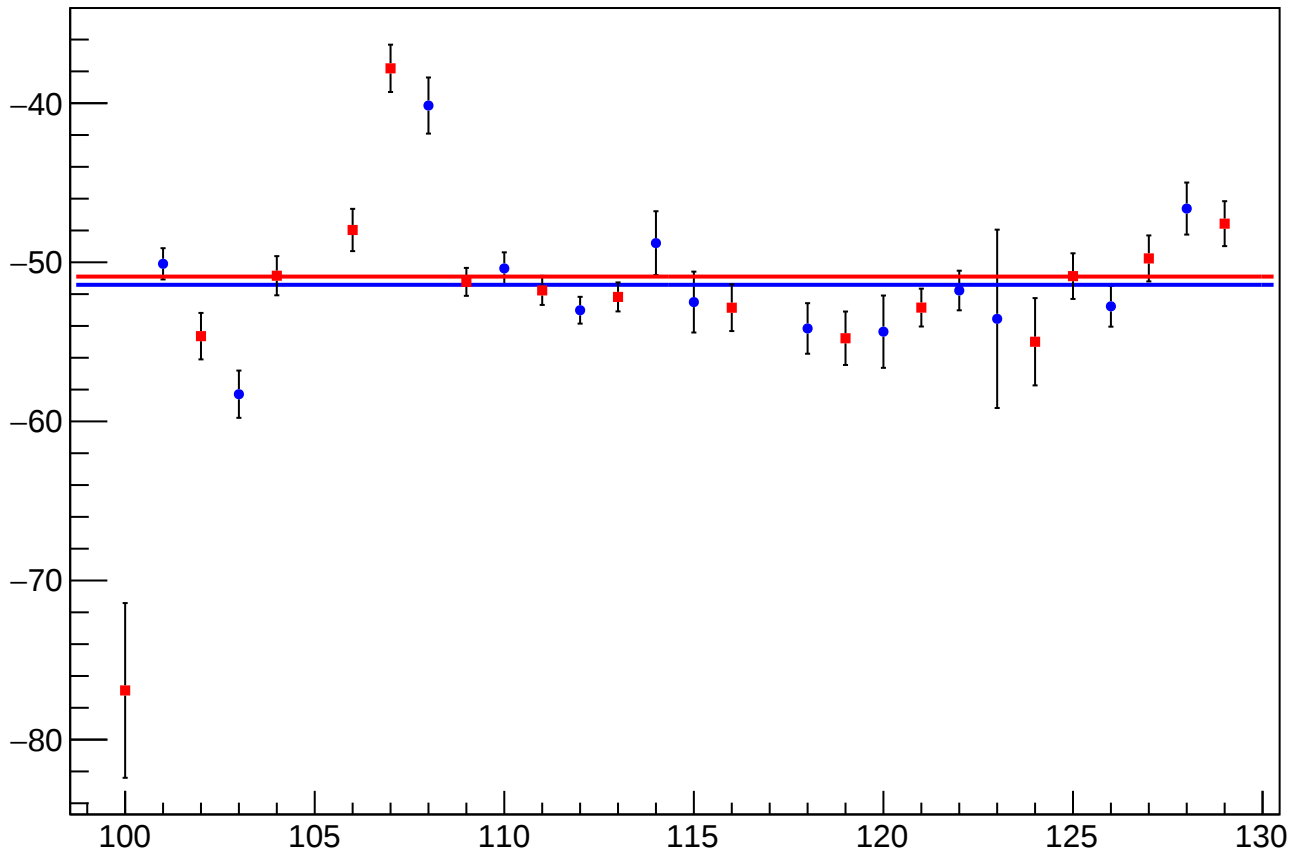
Right: -0.651 ± 0.017 χ^2/NDF : 115.8/27

In: -0.620 ± 0.025 χ^2/NDF : 43.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.651 ± 0.017 χ^2/NDF : 115.8/27

reg_asym_sam_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -51.415 $\pm$ 0.379 χ^2 /NDF: 85.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -50.897 $\pm$ 0.333 χ^2 /NDF: 132.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

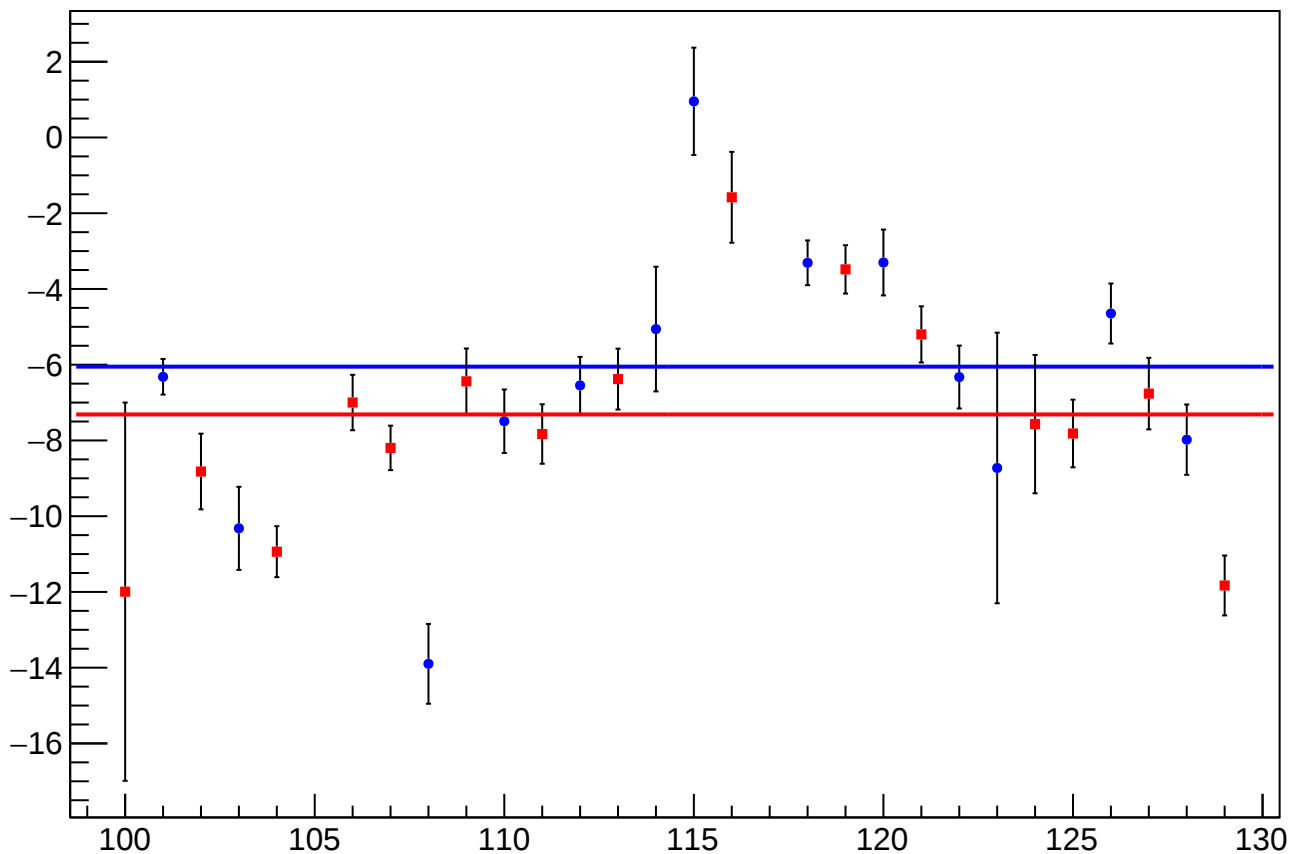
Right: -51.123 $\pm$ 0.250 χ^2 /NDF: 218.9/27

In: -51.415 $\pm$ 0.379 χ^2 /NDF: 85.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -51.123 $\pm$ 0.250 χ^2 /NDF: 218.9/27

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.051+/-0.231 χ^2/NDF : 138.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.313+/-0.214 χ^2/NDF : 137.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

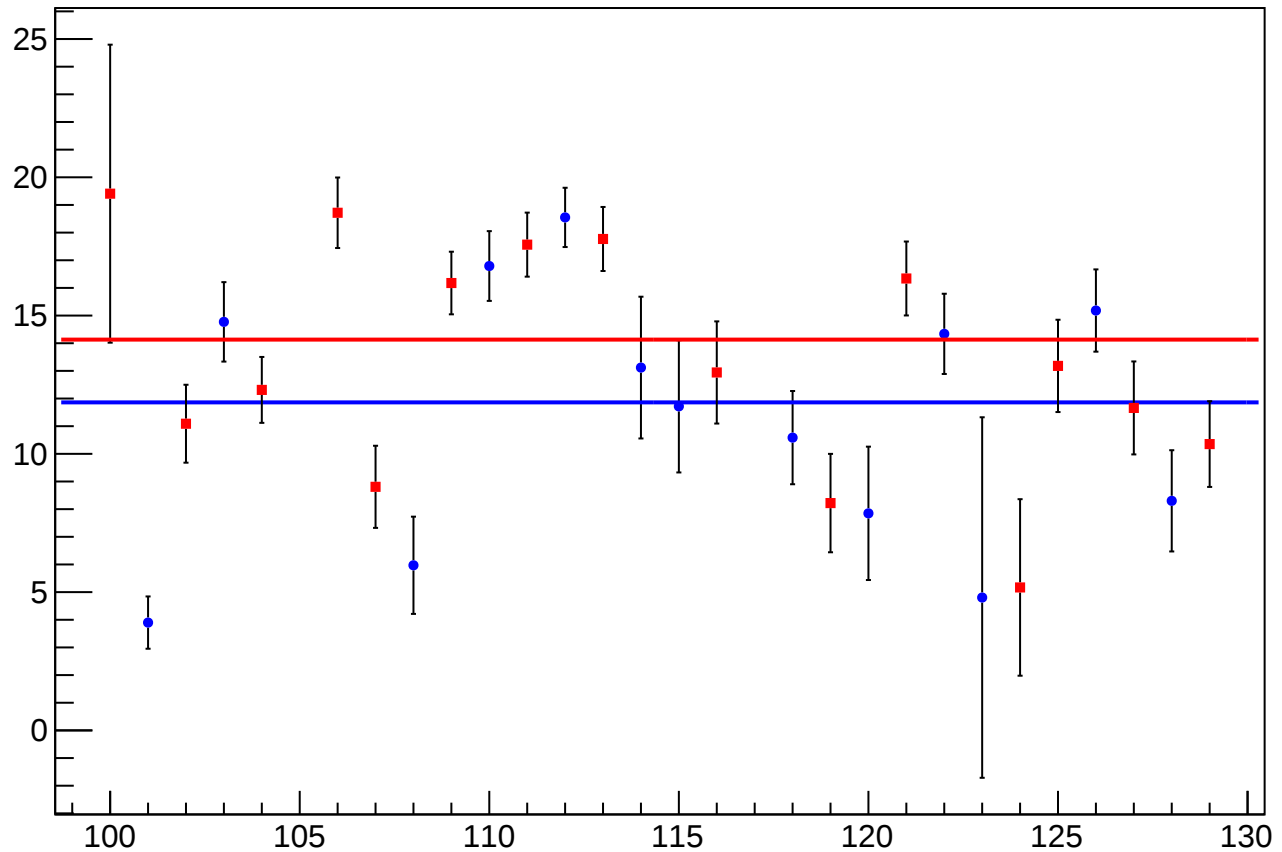
Right: -6.729+/-0.157 χ^2/NDF : 292.6/27

In: -6.051+/-0.231 χ^2/NDF : 138.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.729+/-0.157 χ^2/NDF : 292.6/27

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.861 $\pm$ 0.425 χ^2 /NDF: 157.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.131 $\pm$ 0.379 χ^2 /NDF: 86.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

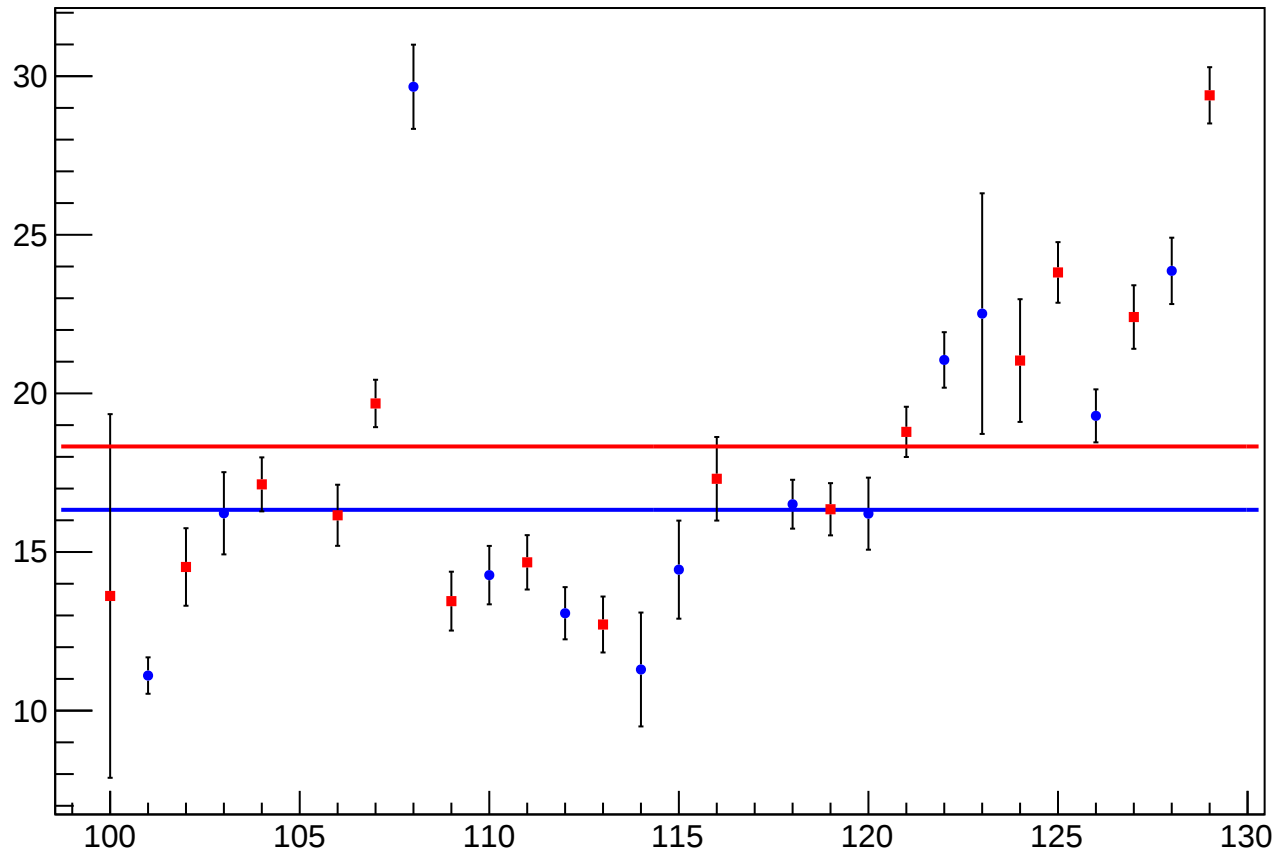
Right: 13.128 $\pm$ 0.283 χ^2 /NDF: 259.0/27

In: 11.861 $\pm$ 0.425 χ^2 /NDF: 157.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.128 $\pm$ 0.283 χ^2 /NDF: 259.0/27

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.330+/-0.270 χ^2/NDF : 310.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.327+/-0.250 χ^2/NDF : 321.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

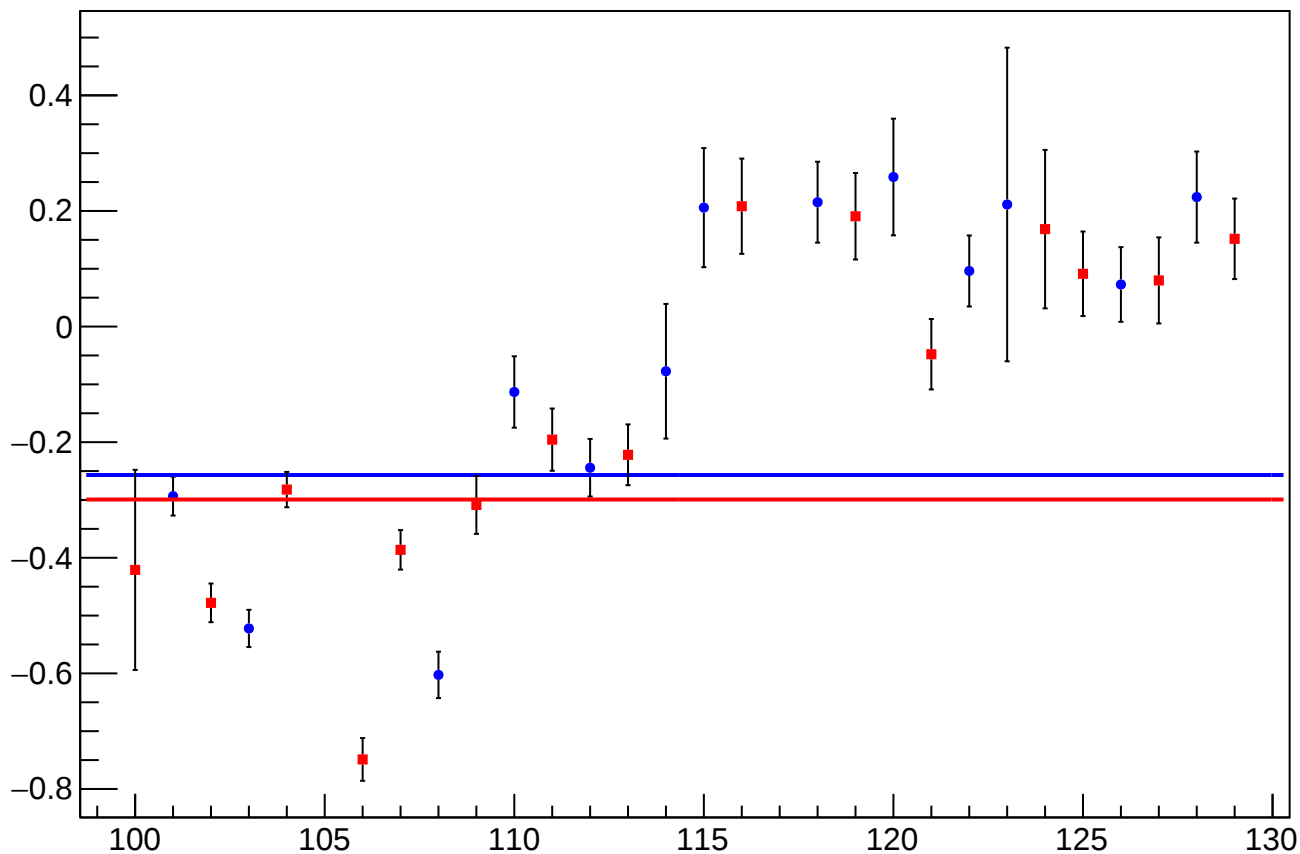
Right: 17.405+/-0.183 χ^2/NDF : 660.7/27

In: 16.330+/-0.270 χ^2/NDF : 310.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.405+/-0.183 χ^2/NDF : 660.7/27

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.257 $\pm$ 0.015 χ^2 /NDF: 342.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.299 $\pm$ 0.013 χ^2 /NDF: 395.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

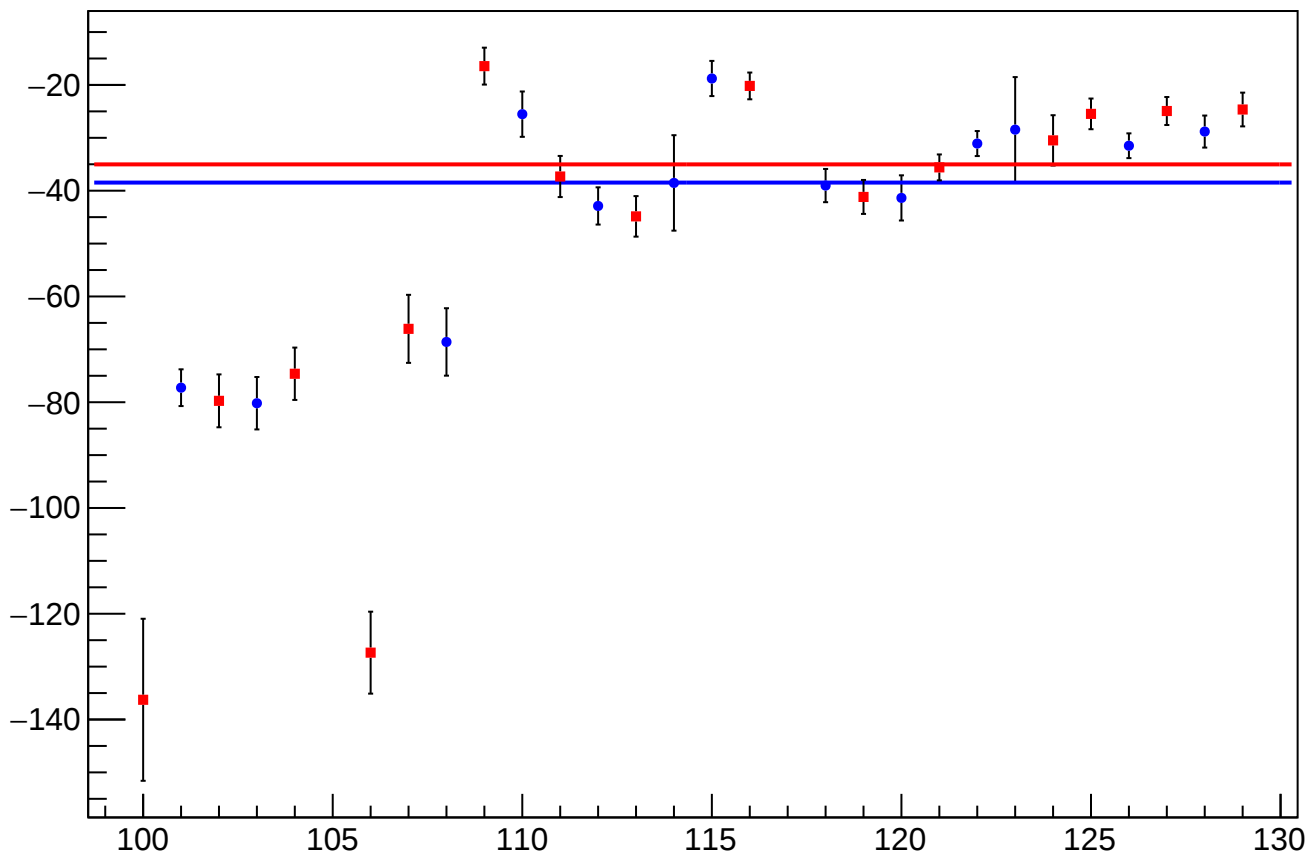
Right: -0.281 $\pm$ 0.010 χ^2 /NDF: 742.1/27

In: -0.257 $\pm$ 0.015 χ^2 /NDF:342.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.281 $\pm$ 0.010 χ^2 /NDF: 742.1/27

reg_asym_sam_26_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -38.464+/-0.989 χ^2/NDF : 293.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.022+/-0.926 χ^2/NDF : 463.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

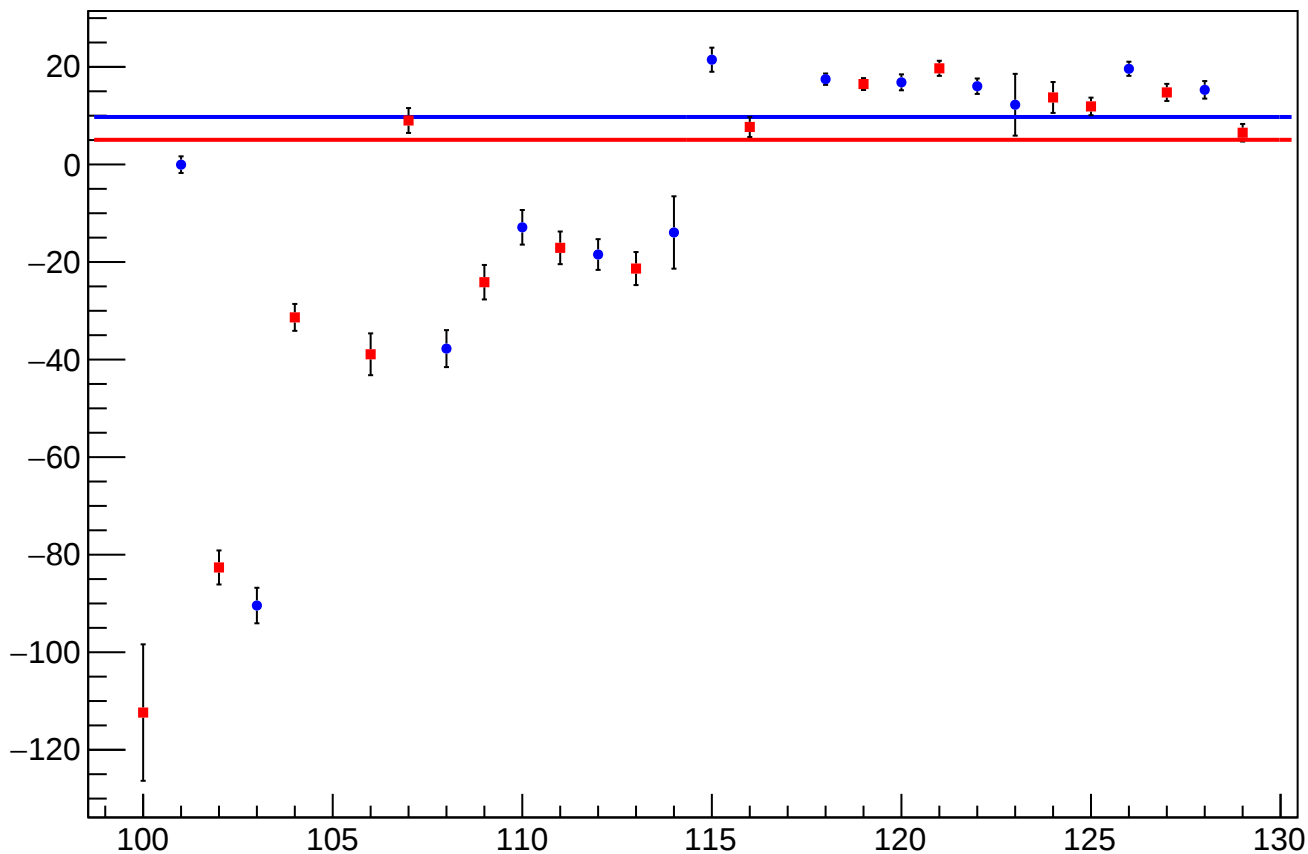
Right: -36.630+/-0.676 χ^2/NDF : 763.5/27

In: -38.464+/-0.989 χ^2/NDF : 293.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.630+/-0.676 χ^2/NDF : 763.5/27

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.732+/-0.562 χ^2/NDF : 1234.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.052+/-0.573 χ^2/NDF : 1388.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

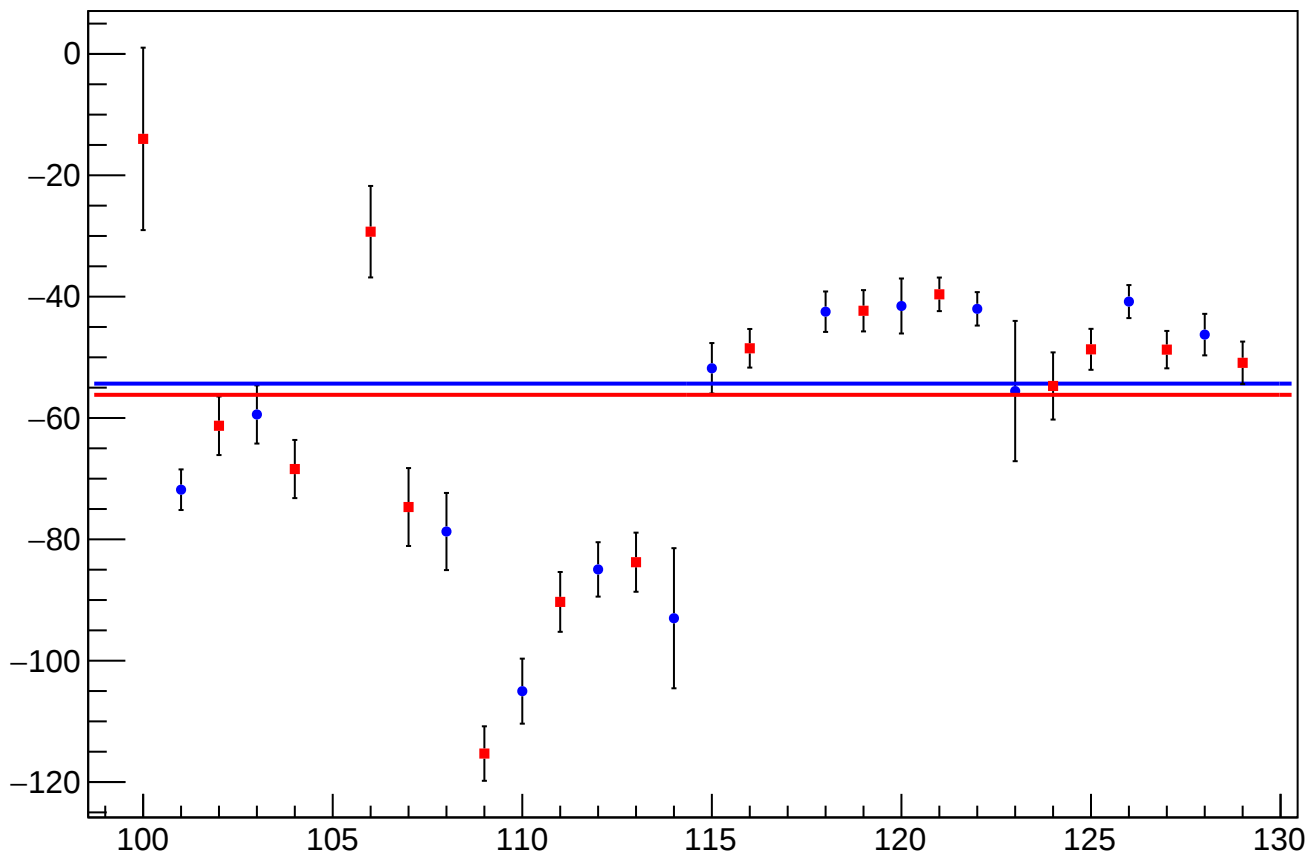
Right: 7.437+/-0.401 χ^2/NDF : 2657.2/27

In: 9.732+/-0.562 χ^2/NDF : 1234.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.437+/-0.401 χ^2/NDF : 2657.2/27

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.335+/-1.114 χ^2/NDF : 261.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -56.181+/-1.061 χ^2/NDF : 361.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

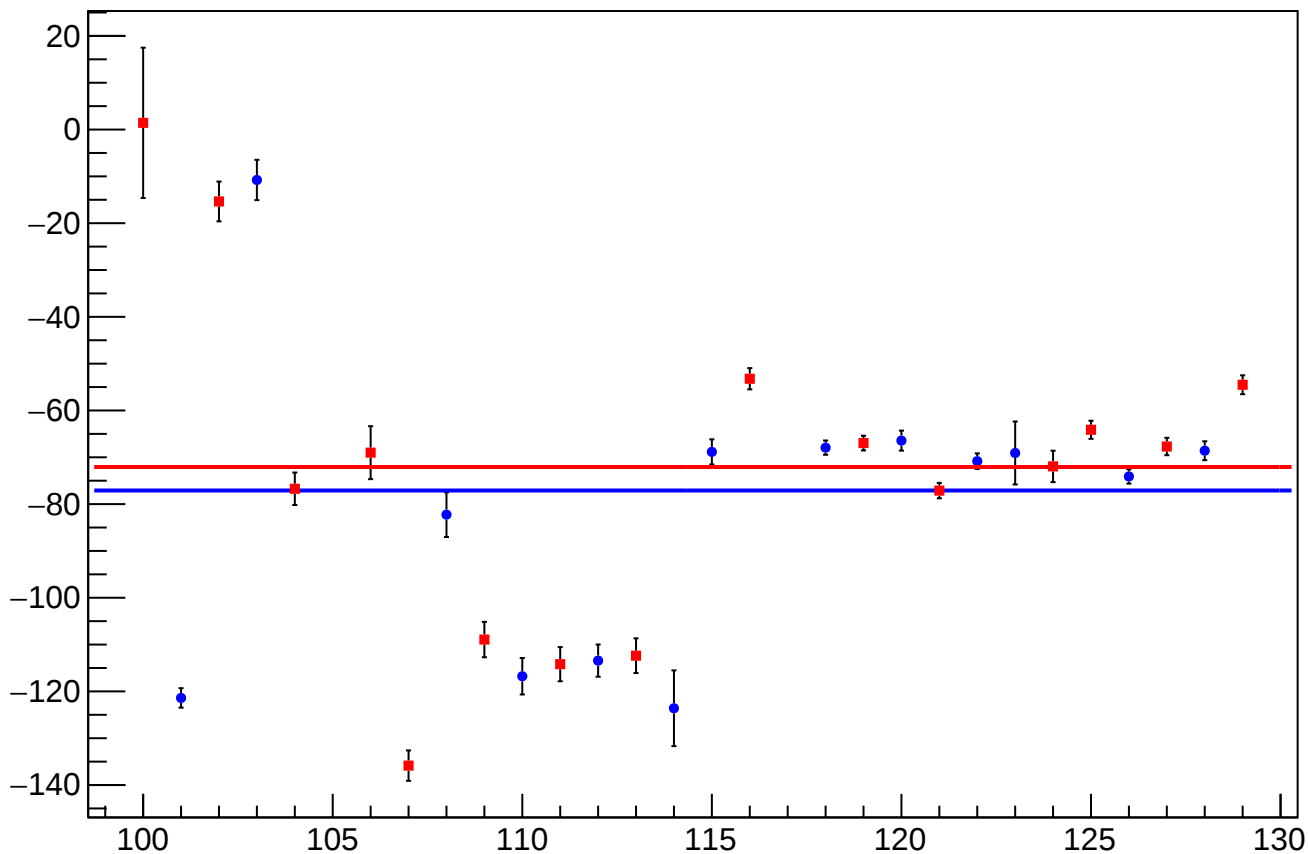
Right: -55.303+/-0.768 χ^2/NDF : 624.3/27

In: -54.335+/-1.114 χ^2/NDF :261.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -55.303+/-0.768 χ^2/NDF : 624.3/27

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.093+/-0.654 χ^2/NDF : 1046.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -72.074+/-0.653 χ^2/NDF : 1120.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

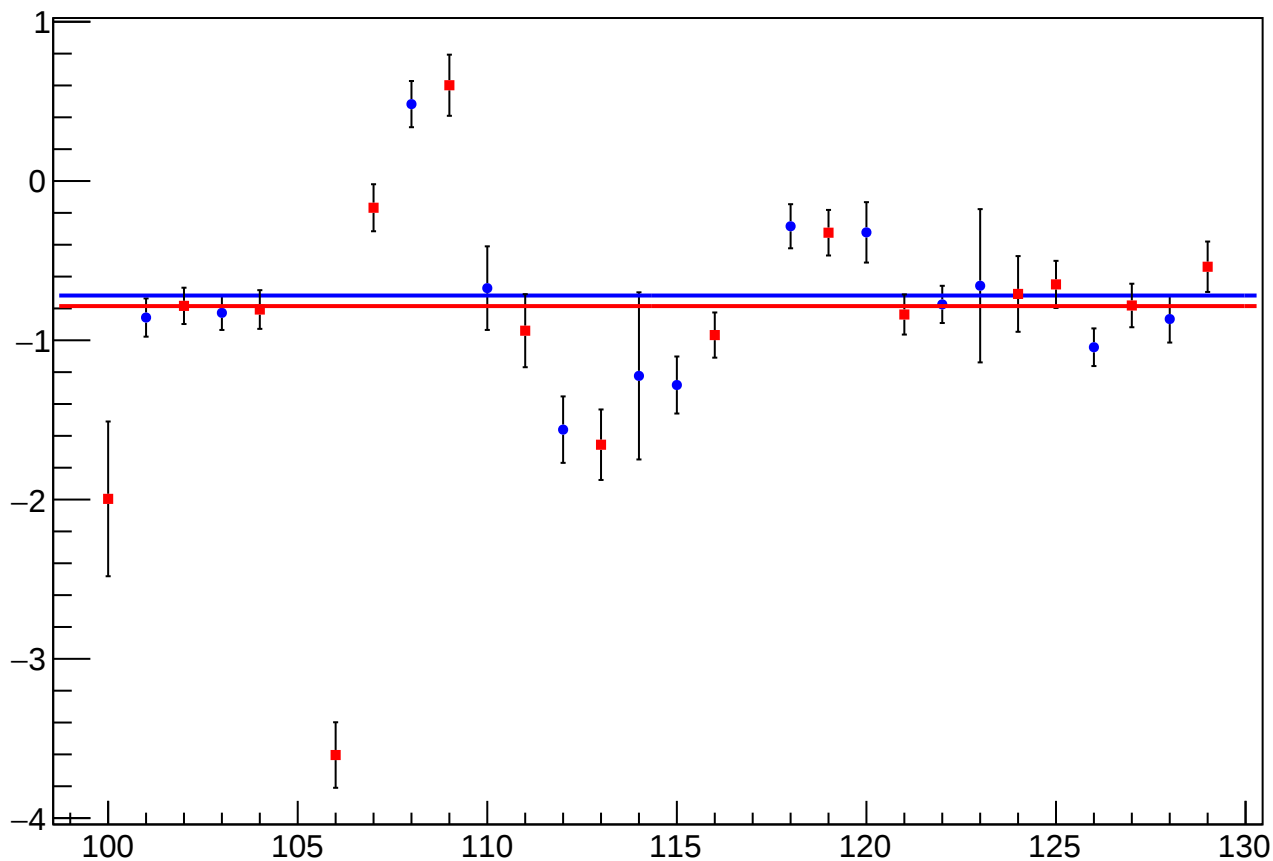
Right: -74.579+/-0.462 χ^2/NDF : 2197.0/27

In: -77.093+/-0.654 χ^2/NDF : 1046.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -74.579+/-0.462 χ^2/NDF : 2197.0/27

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.719+/-0.043 χ^2/NDF : 121.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.785+/-0.041 χ^2/NDF : 295.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

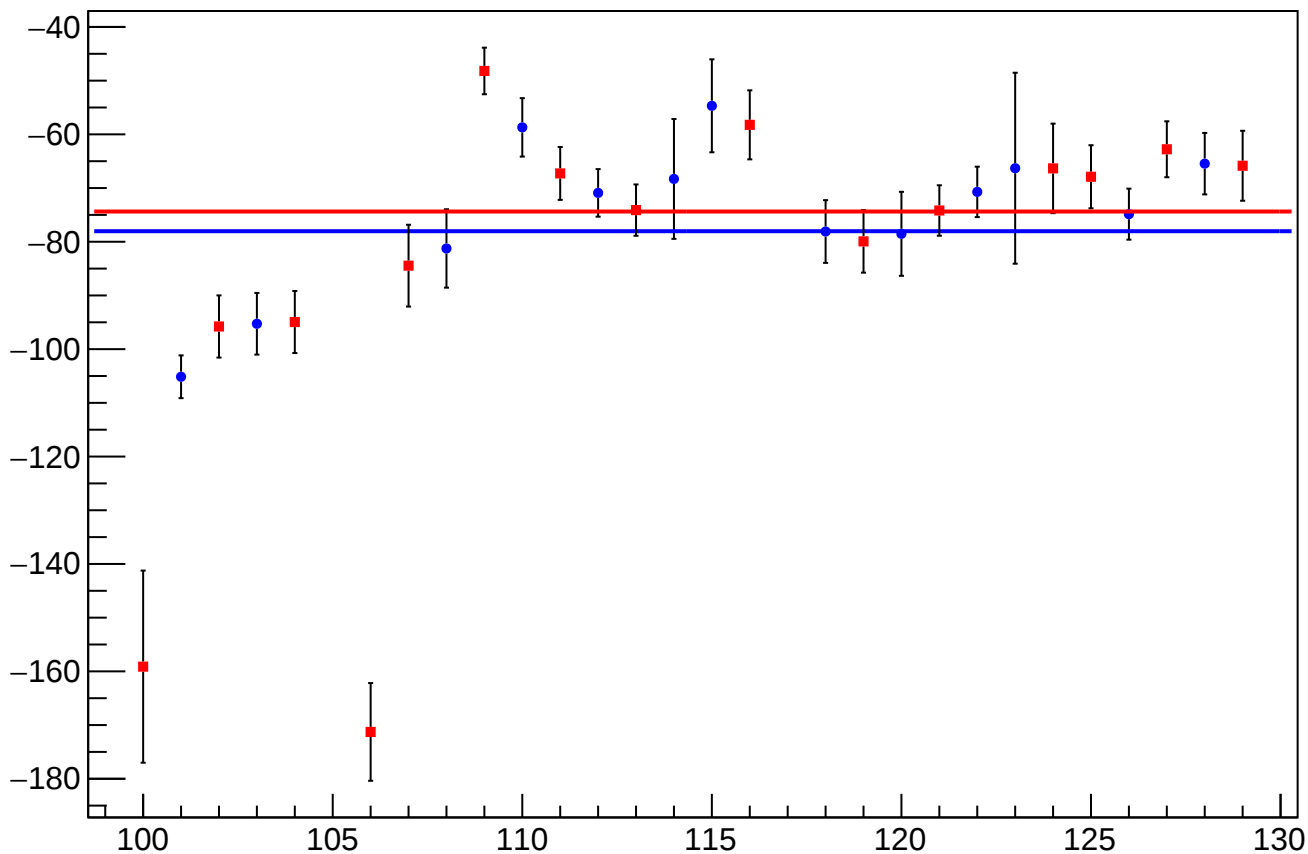
Right: -0.754+/-0.029 χ^2/NDF : 417.5/27

In: -0.719+/-0.043 χ^2/NDF : 121.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.754+/-0.029 χ^2/NDF : 417.5/27

reg_asym_sam_26_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -78.037+/-1.607 χ^2/NDF : 86.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -74.371+/-1.519 χ^2/NDF : 218.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

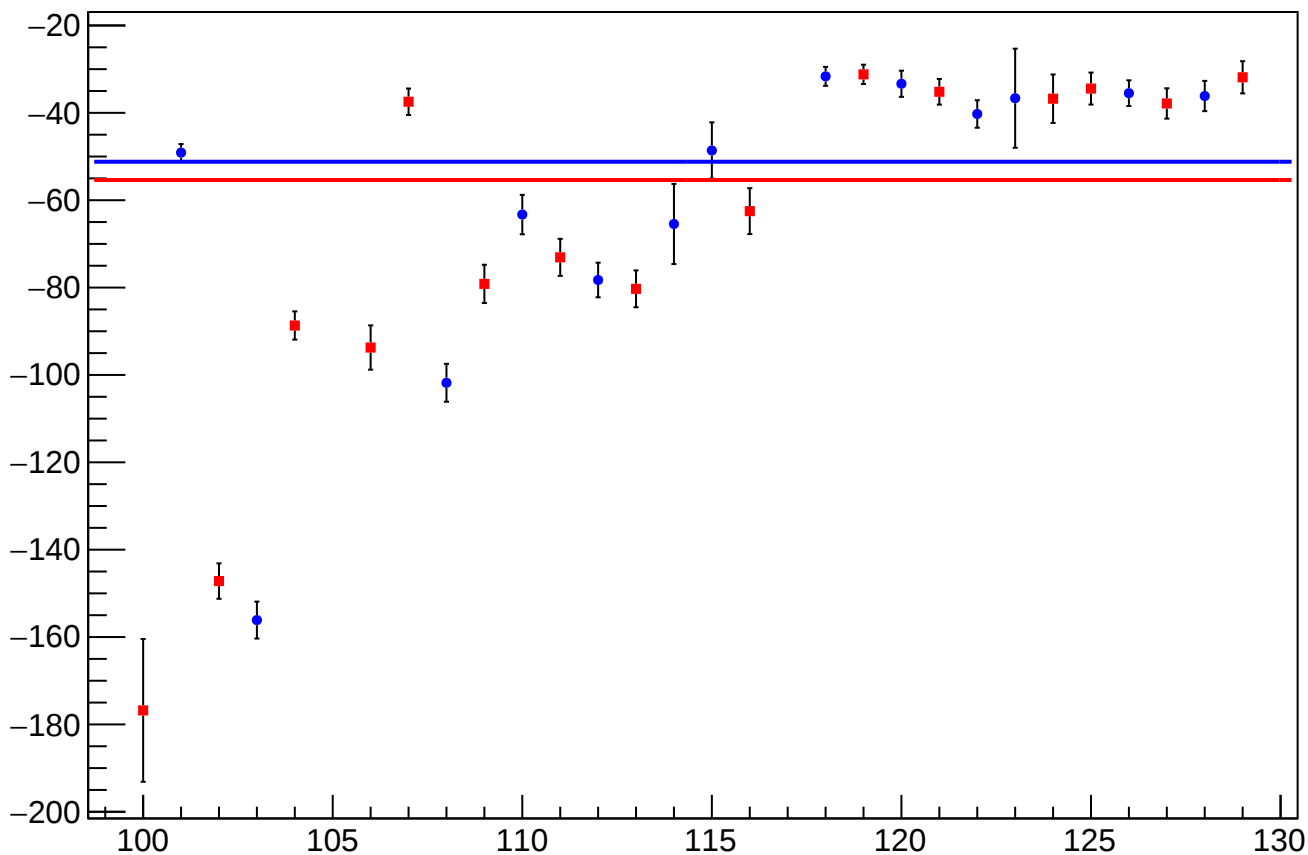
Right: -76.101+/-1.104 χ^2/NDF : 308.2/27

In: -78.037+/-1.607 χ^2/NDF : 86.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -76.101+/-1.104 χ^2/NDF : 308.2/27

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -51.194 $\pm$ 0.932 χ^2 /NDF: 987.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -55.380 $\pm$ 0.957 χ^2 /NDF: 1126.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

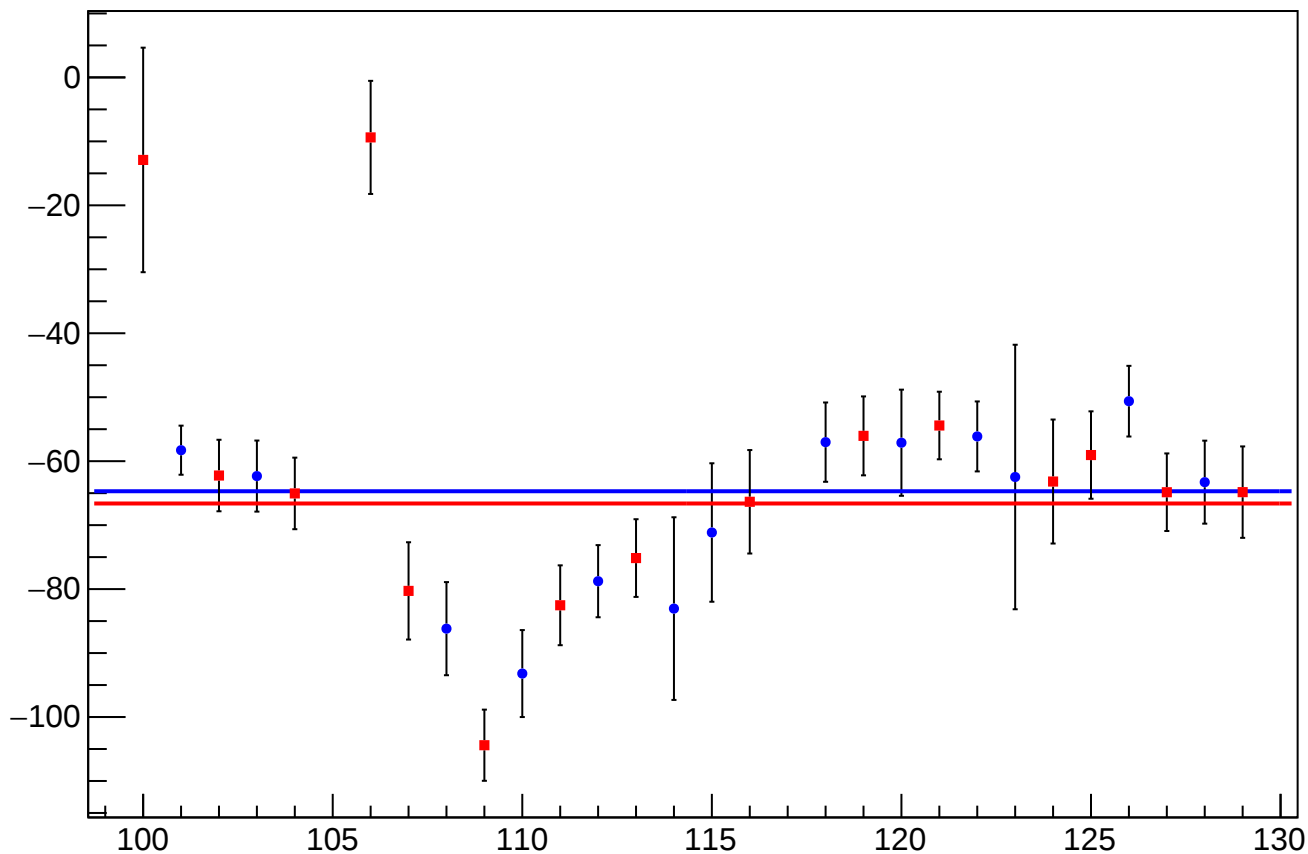
Right: -53.233 $\pm$ 0.668 χ^2 /NDF: 2123.7/27

In: -51.194 $\pm$ 0.932 χ^2 /NDF:987.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -53.233 $\pm$ 0.668 χ^2 /NDF: 2123.7/27

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -64.701 $\pm$ 1.772 χ^2 /NDF: 48.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -66.616 $\pm$ 1.719 χ^2 /NDF: 119.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

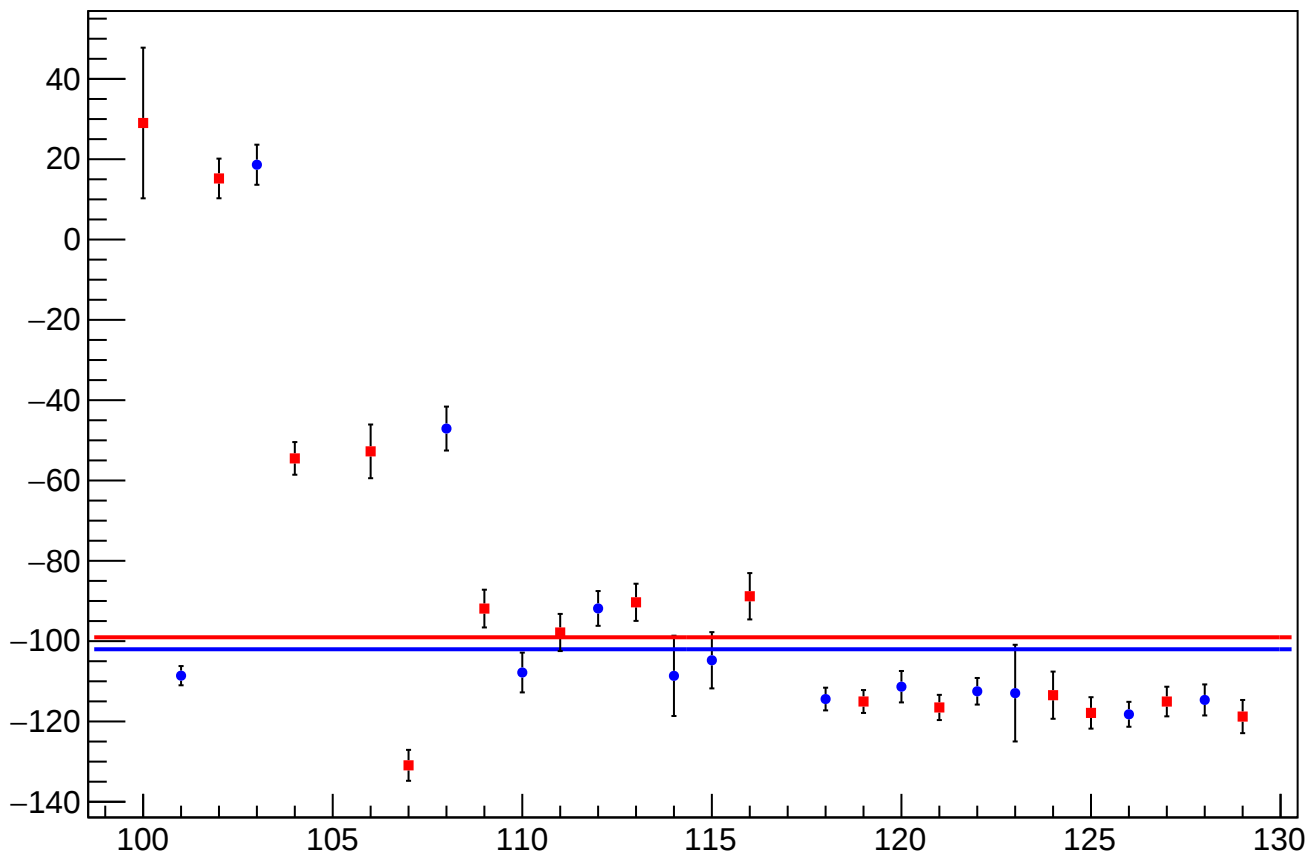
Right: -65.688 $\pm$ 1.234 χ^2 /NDF: 169.0/27

In: -64.701 $\pm$ 1.772 χ^2 /NDF: 48.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -65.688 $\pm$ 1.234 χ^2 /NDF: 169.0/27

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -102.023+/-1.096 χ^2/NDF : 773.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -99.037+/-1.108 χ^2/NDF : 961.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

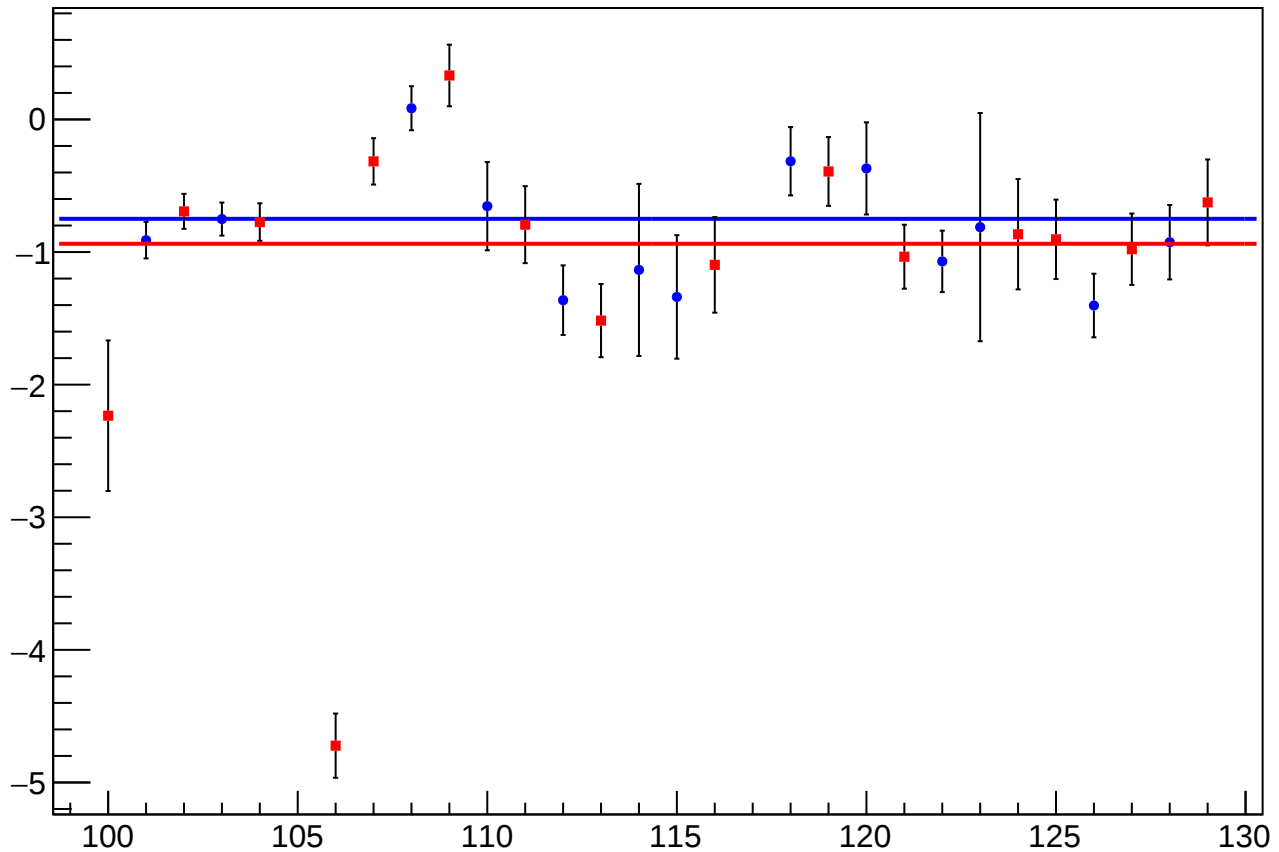
Right: -100.546+/-0.780 χ^2/NDF : 1738.4/27

In: -102.023+/-1.096 χ^2/NDF : 773.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -100.546+/-0.780 χ^2/NDF : 1738.4/27

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.749 ± 0.062 $\chi^2/\text{NDF}: 47.9/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.938 ± 0.059 $\chi^2/\text{NDF}: 307.2/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

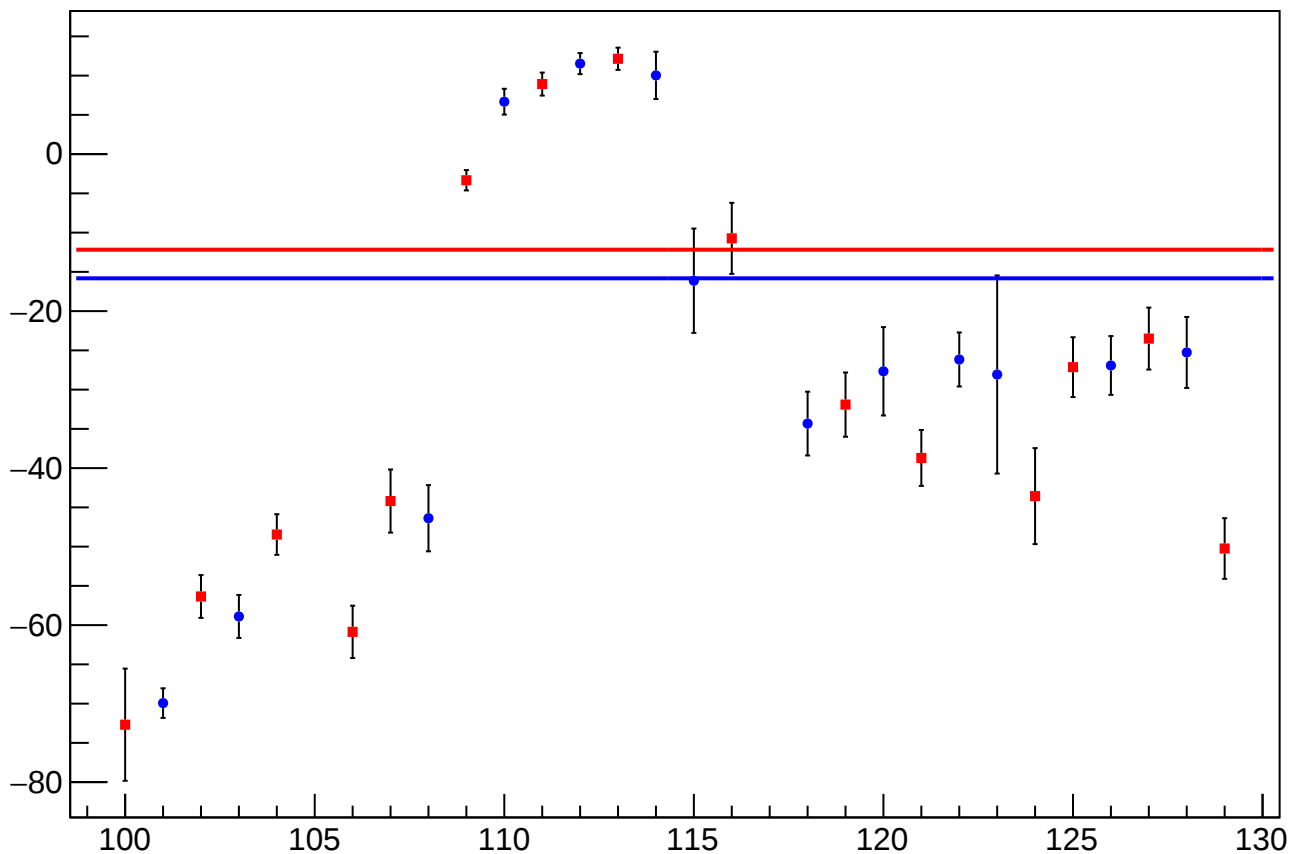
Right: -0.848 ± 0.043 $\chi^2/\text{NDF}: 359.8/27$

In: -0.749 ± 0.062 $\chi^2/\text{NDF}: 47.9/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.848 ± 0.043 $\chi^2/\text{NDF}: 359.8/27$

reg_asym_sam_48_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -15.821 ± 0.739 χ^2/NDF : 1848.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -12.174 ± 0.641 χ^2/NDF : 1583.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

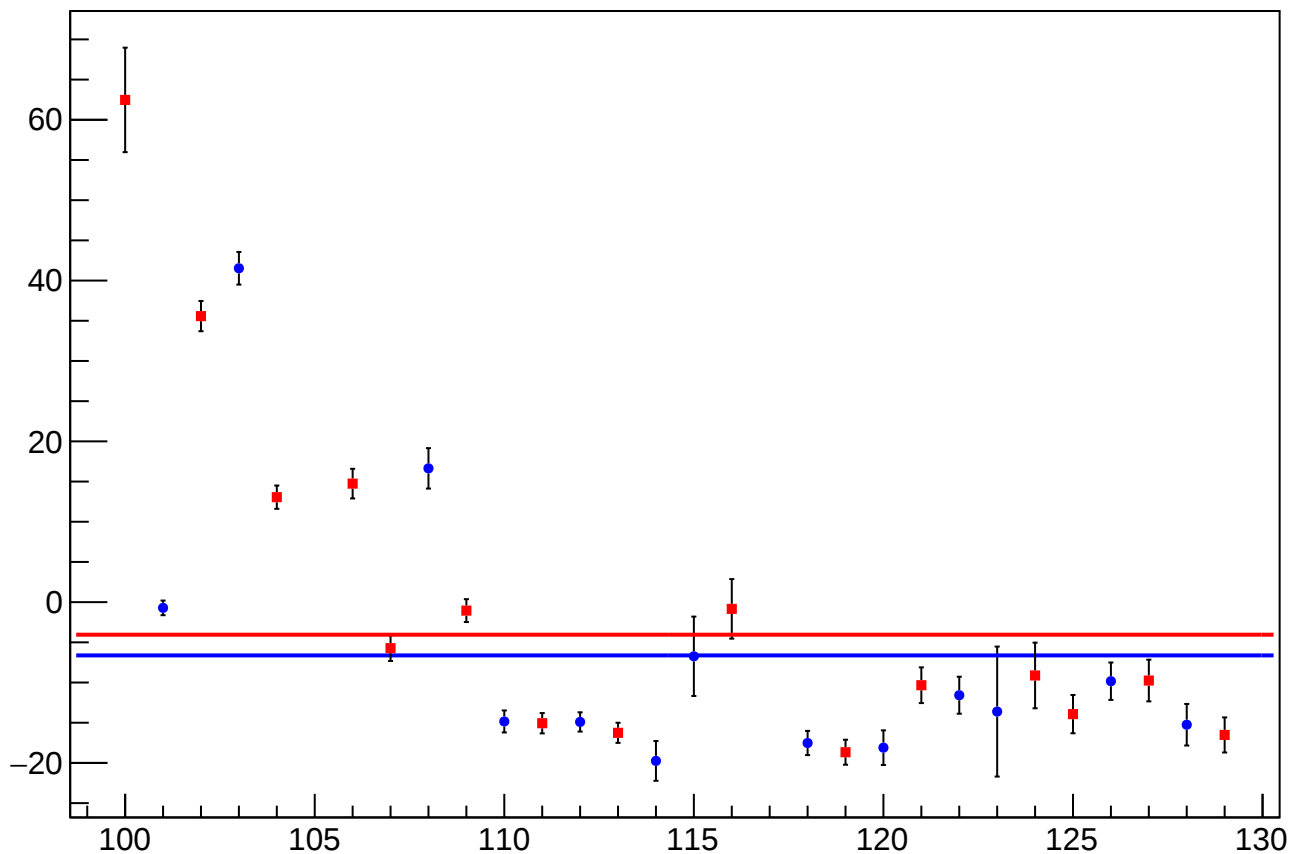
Right: -13.742 ± 0.484 χ^2/NDF : 3445.9/27

In: -15.821 ± 0.739 χ^2/NDF : 1848.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.742 ± 0.484 χ^2/NDF : 3445.9/27

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.625 ± 0.486 χ^2/NDF : 900.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.050 ± 0.470 χ^2/NDF : 1123.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

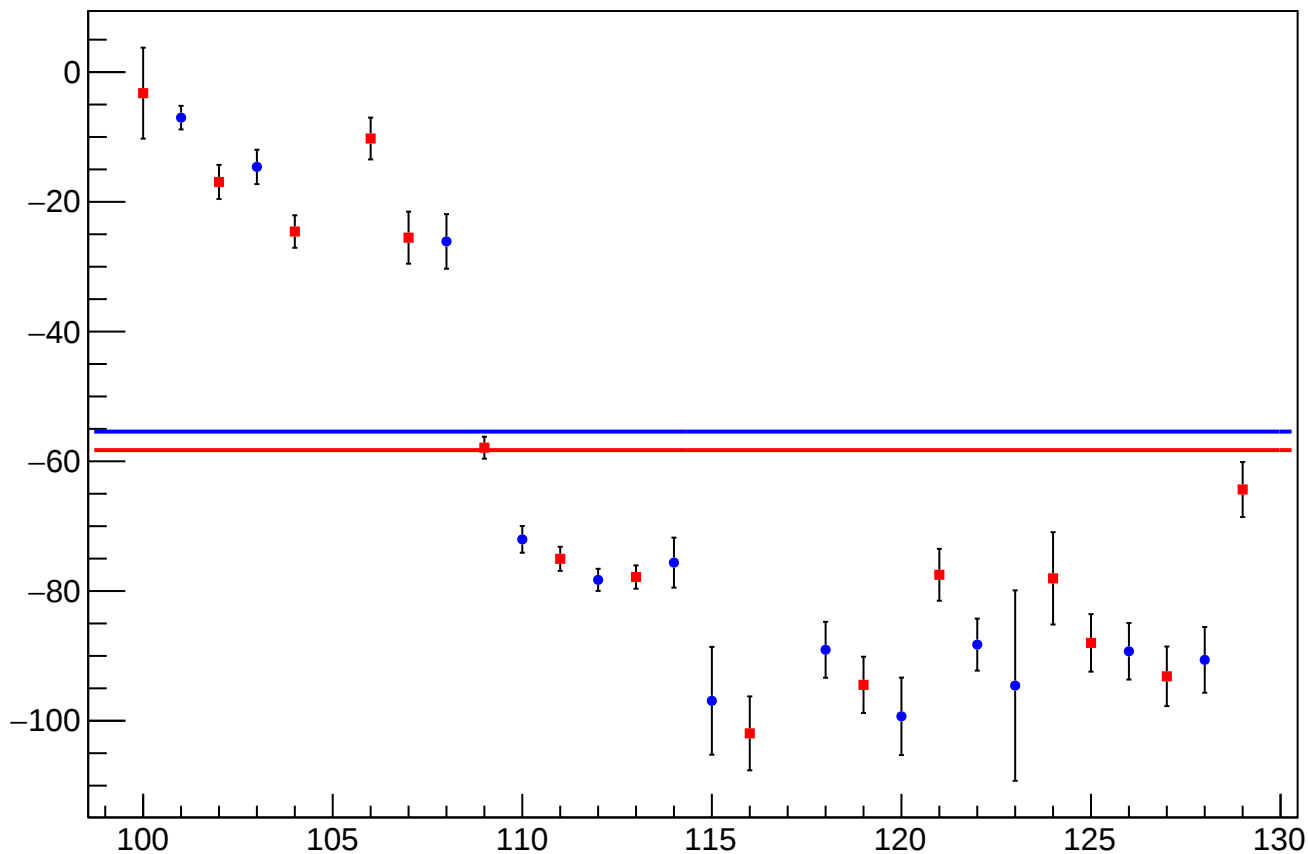
Right: -5.296 ± 0.338 χ^2/NDF : 2038.0/27

In: -6.625 ± 0.486 χ^2/NDF : 900.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.296 ± 0.338 χ^2/NDF : 2038.0/27

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -55.420 ± 0.844 χ^2/NDF : 1590.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -58.278 ± 0.756 χ^2/NDF : 1242.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

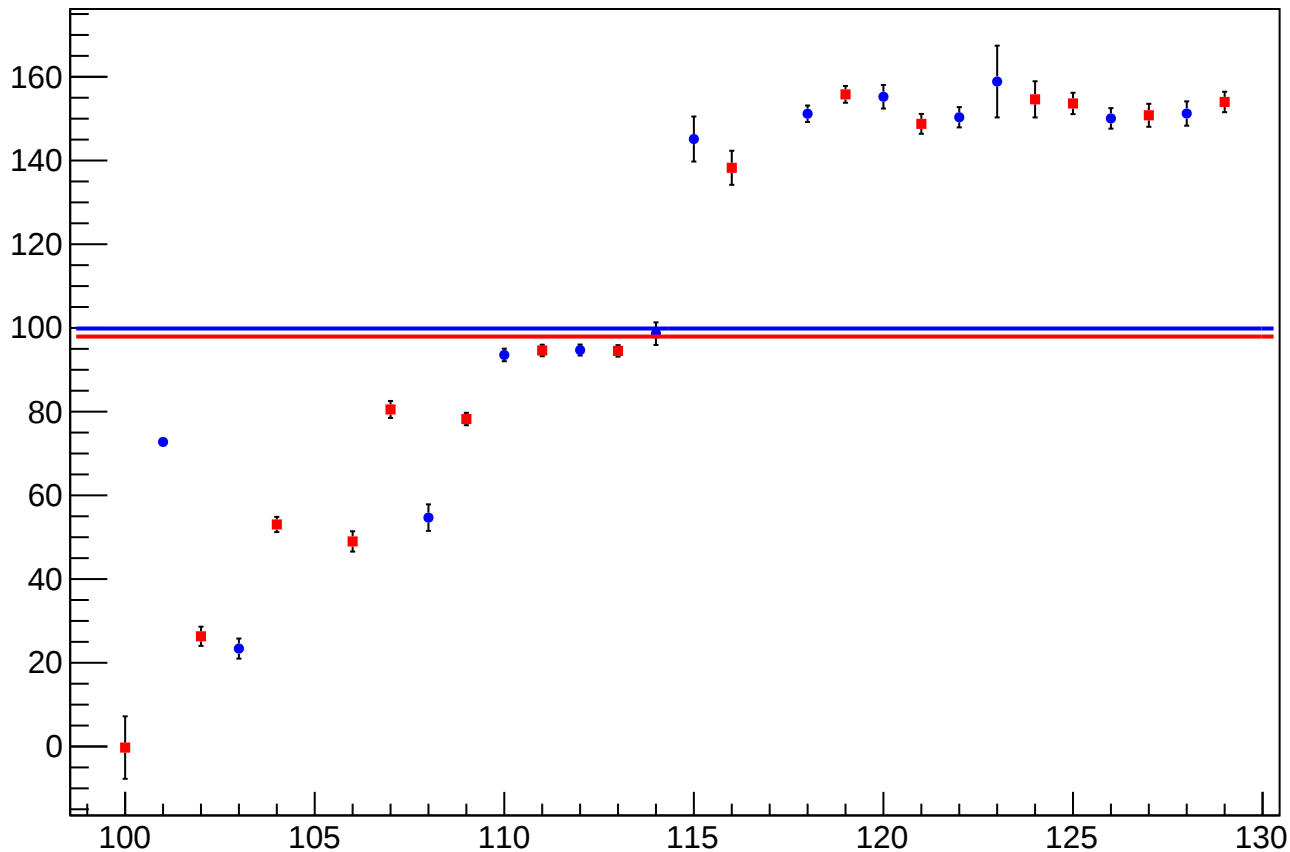
Right: -57.007 ± 0.563 χ^2/NDF : 2839.0/27

In: -55.420 ± 0.844 χ^2/NDF : 1590.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -57.007 ± 0.563 χ^2/NDF : 2839.0/27

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 99.862 $\pm$ 0.565 χ^2 /NDF: 4198.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 97.938 $\pm$ 0.540 χ^2 /NDF: 5360.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

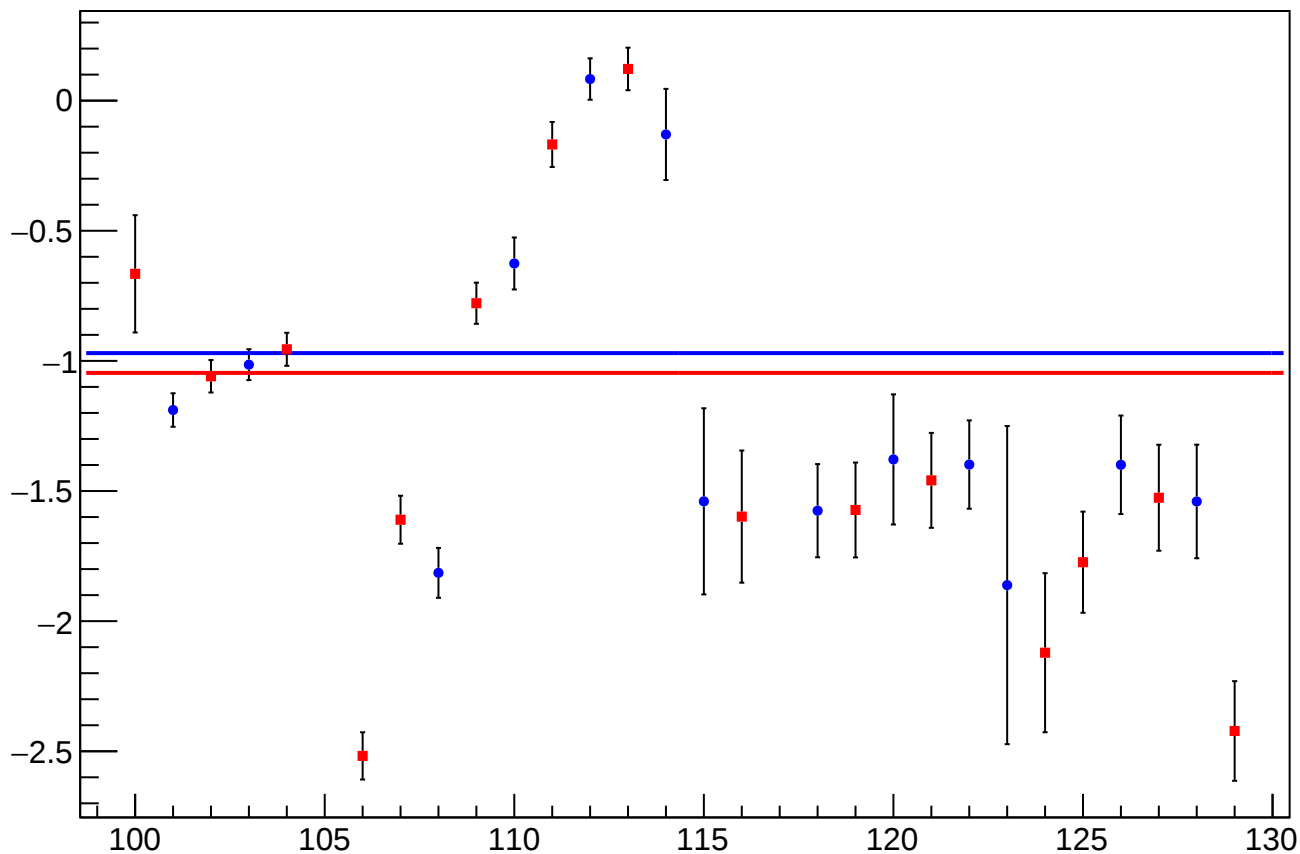
Right: 98.857 $\pm$ 0.390 χ^2 /NDF: 9564.9/27

In: 99.862 $\pm$ 0.565 χ^2 /NDF:4198.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 98.857 $\pm$ 0.390 χ^2 /NDF: 9564.9/27

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.970 ± 0.031 χ^2/NDF : 336.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.046 ± 0.027 χ^2/NDF : 725.3/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

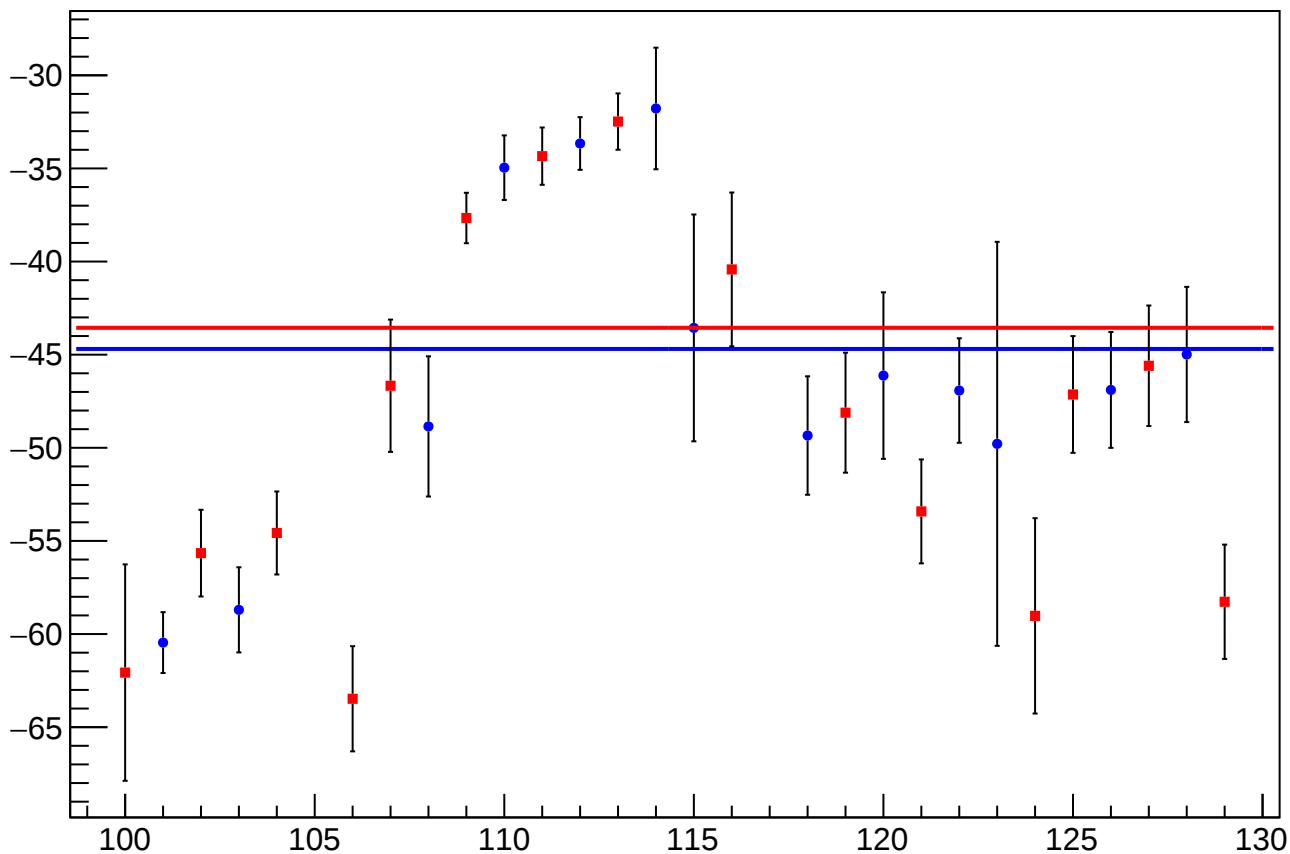
Right: -1.013 ± 0.020 χ^2/NDF : 1065.6/27

In: -0.970 ± 0.031 χ^2/NDF : 336.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.013 ± 0.020 χ^2/NDF : 1065.6/27

reg_asym_sam_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -44.692 $\pm$ 0.698 χ^2 /NDF: 243.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -43.557 $\pm$ 0.614 χ^2 /NDF: 269.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

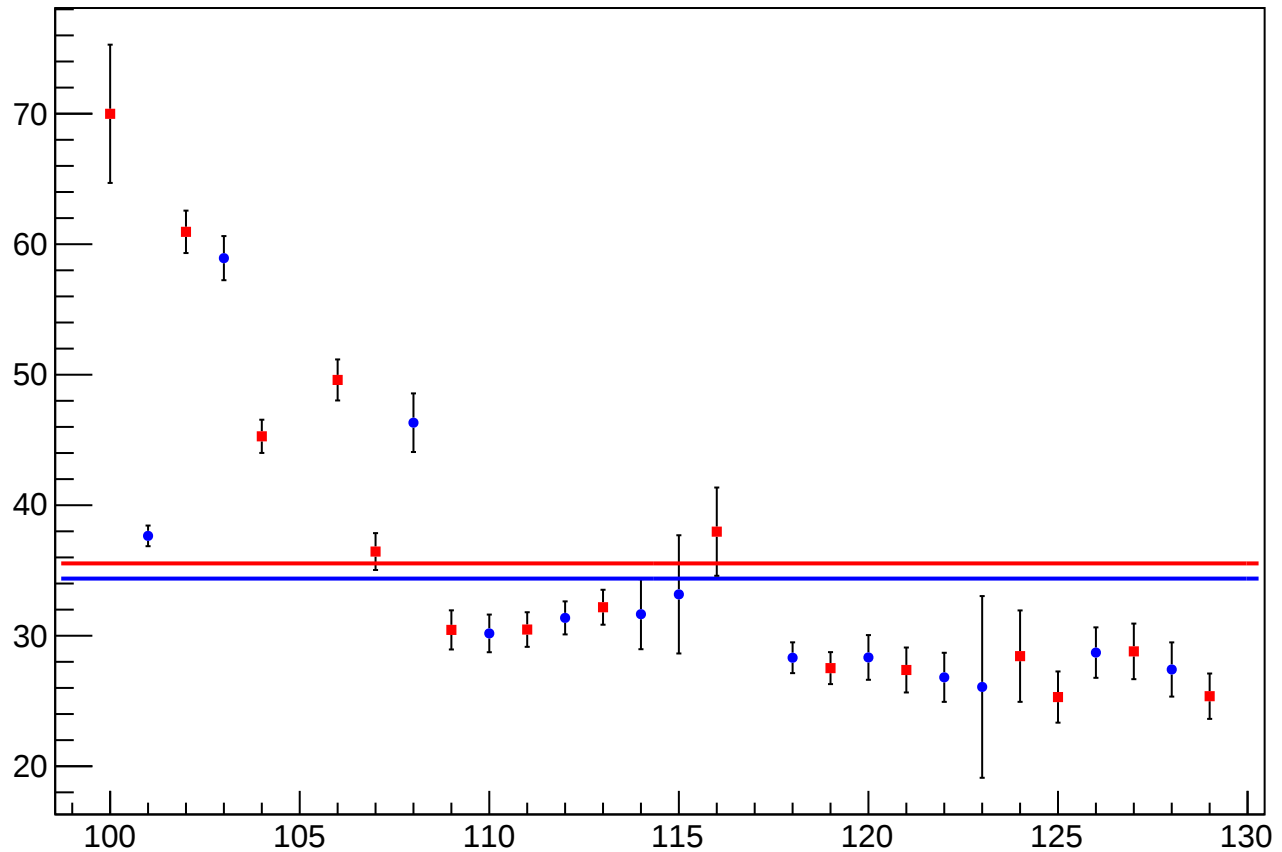
Right: -44.053 $\pm$ 0.461 χ^2 /NDF: 514.1/27

In: -44.692 $\pm$ 0.698 χ^2 /NDF:243.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -44.053 $\pm$ 0.461 χ^2 /NDF: 514.1/27

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 34.379+/-0.434 χ^2/NDF : 347.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.541+/-0.427 χ^2/NDF : 599.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

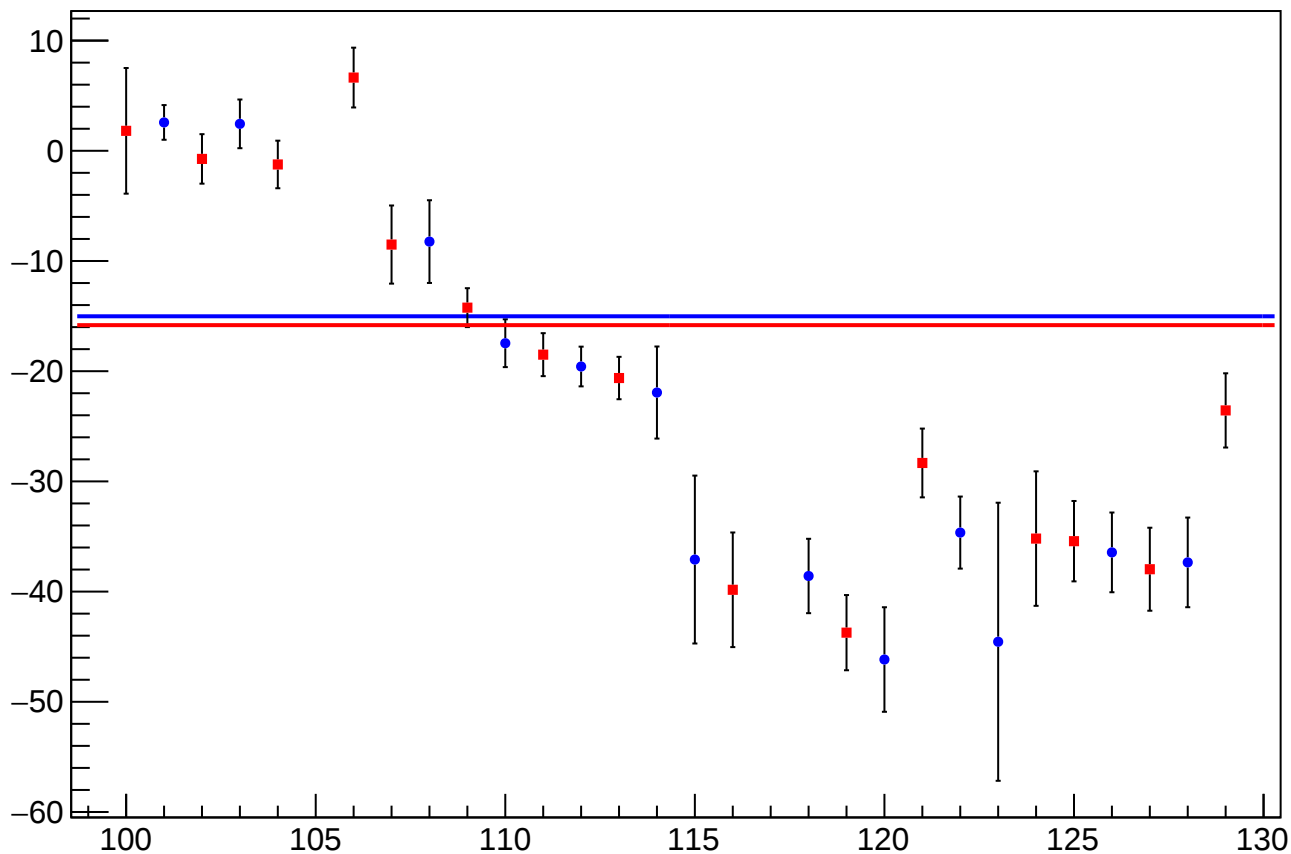
Right: 34.970+/-0.304 χ^2/NDF : 951.4/27

In: 34.379+/-0.434 χ^2/NDF : 347.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.970+/-0.304 χ^2/NDF : 951.4/27

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -15.017 ± 0.780 χ^2/NDF : 408.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.821 ± 0.707 χ^2/NDF : 365.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

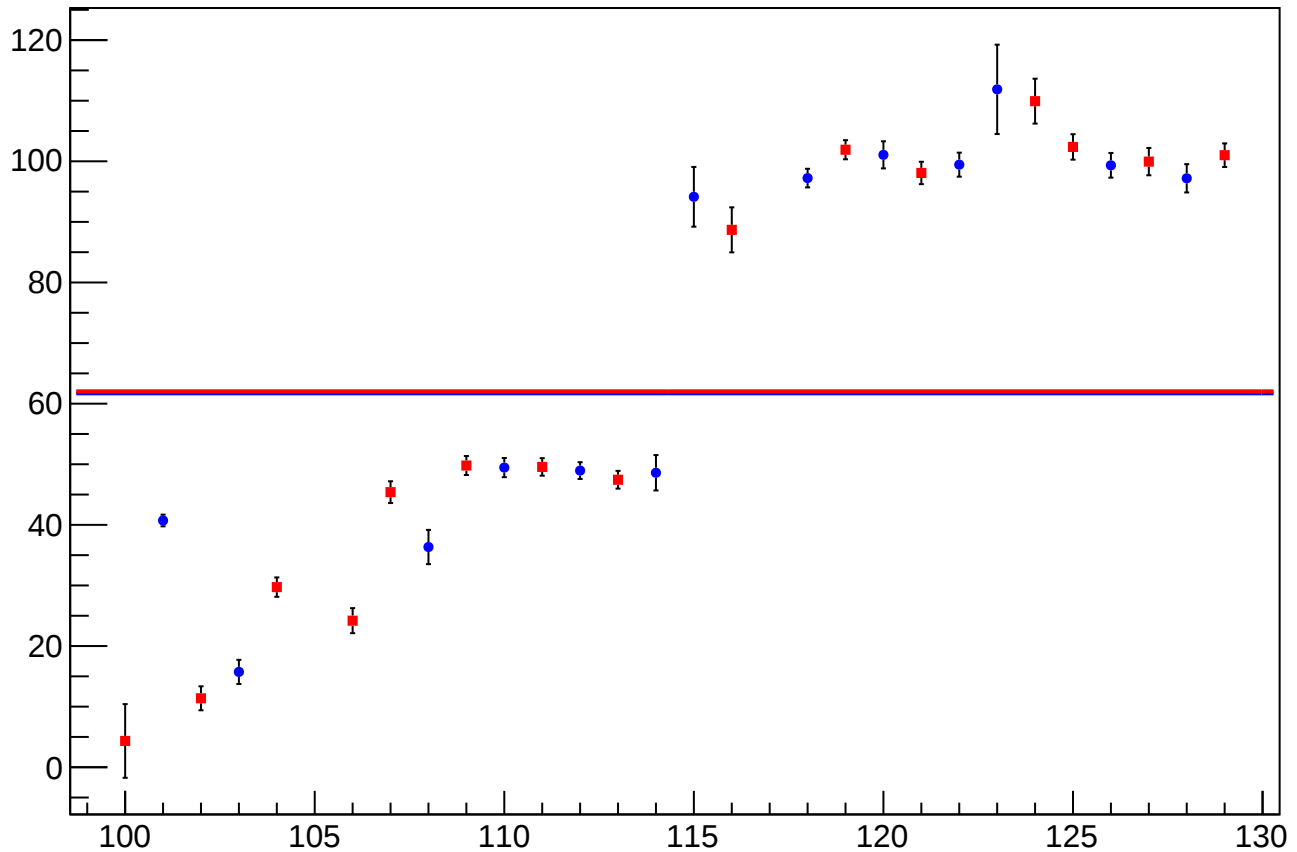
Right: -15.459 ± 0.524 χ^2/NDF : 773.8/27

In: -15.017 ± 0.780 χ^2/NDF : 408.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.459 ± 0.524 χ^2/NDF : 773.8/27

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 61.708+/-0.510 χ^2/NDF : 3116.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.036+/-0.494 χ^2/NDF : 4102.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

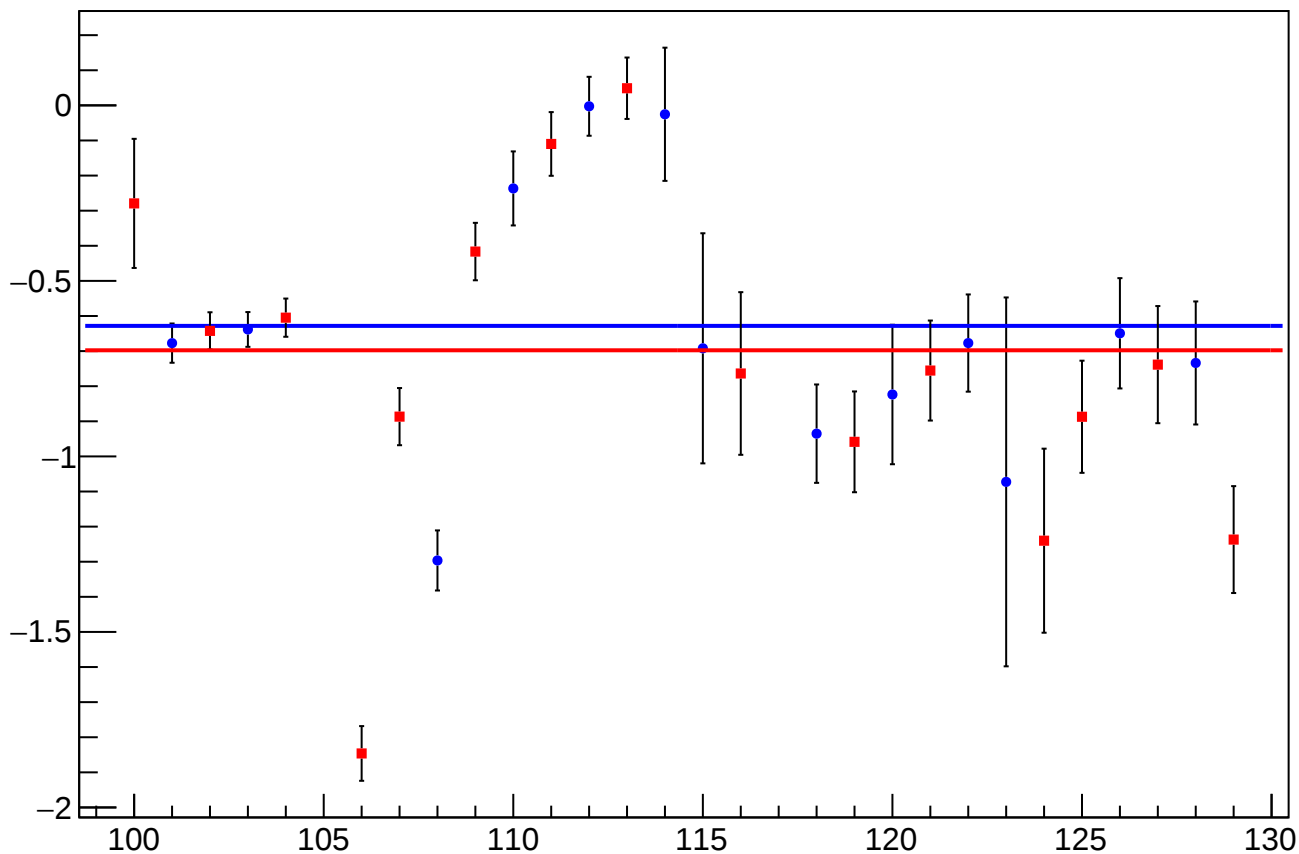
Right: 61.877+/-0.355 χ^2/NDF : 7219.5/27

In: 61.708+/-0.510 χ^2/NDF : 3116.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.877+/-0.355 χ^2/NDF : 7219.5/27

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.628 ± 0.027 $\chi^2/\text{NDF}: 148.2/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.698 ± 0.024 $\chi^2/\text{NDF}: 380.3/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

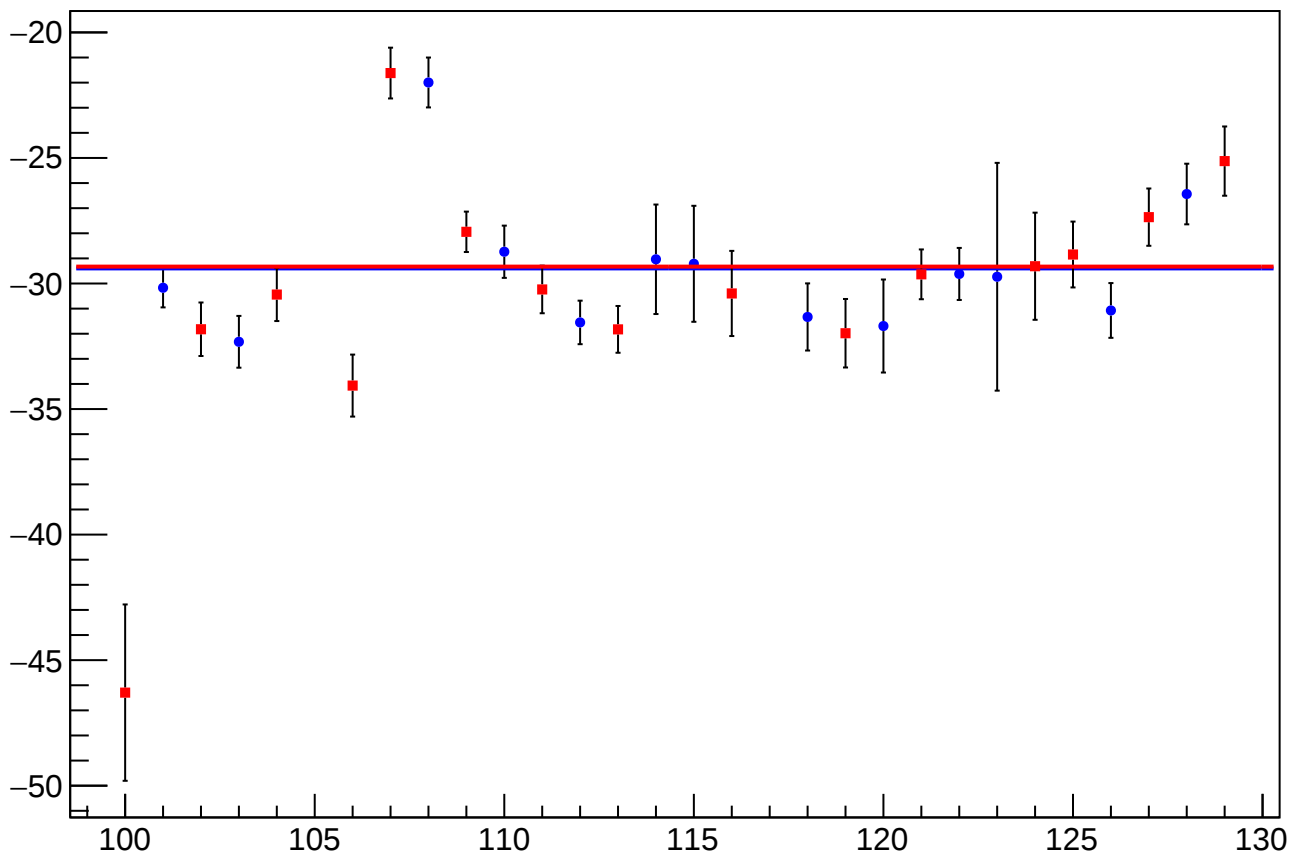
Right: -0.667 ± 0.018 $\chi^2/\text{NDF}: 532.1/27$

In: -0.628 ± 0.027 $\chi^2/\text{NDF}: 148.2/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.667 ± 0.018 $\chi^2/\text{NDF}: 532.1/27$

reg_asym_sam_13_57_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -29.399 ± 0.323 $\chi^2/\text{NDF}: 83.2/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -29.327 ± 0.297 $\chi^2/\text{NDF}: 130.5/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

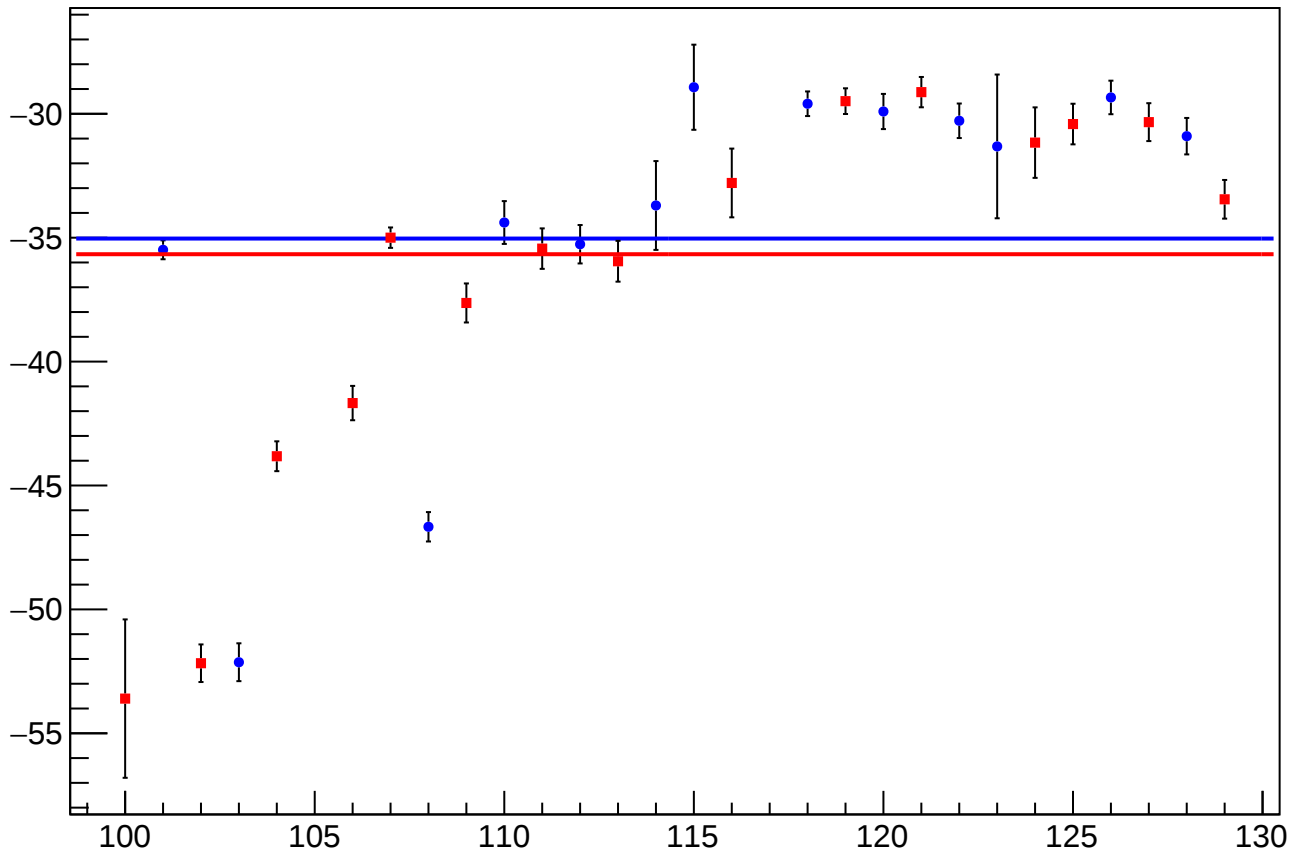
Right: -29.360 ± 0.219 $\chi^2/\text{NDF}: 213.7/27$

In: -29.399 ± 0.323 $\chi^2/\text{NDF}: 83.2/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -29.360 ± 0.219 $\chi^2/\text{NDF}: 213.7/27$

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -35.035+/-0.191 χ^2/NDF : 1223.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -35.667+/-0.184 χ^2/NDF : 1140.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

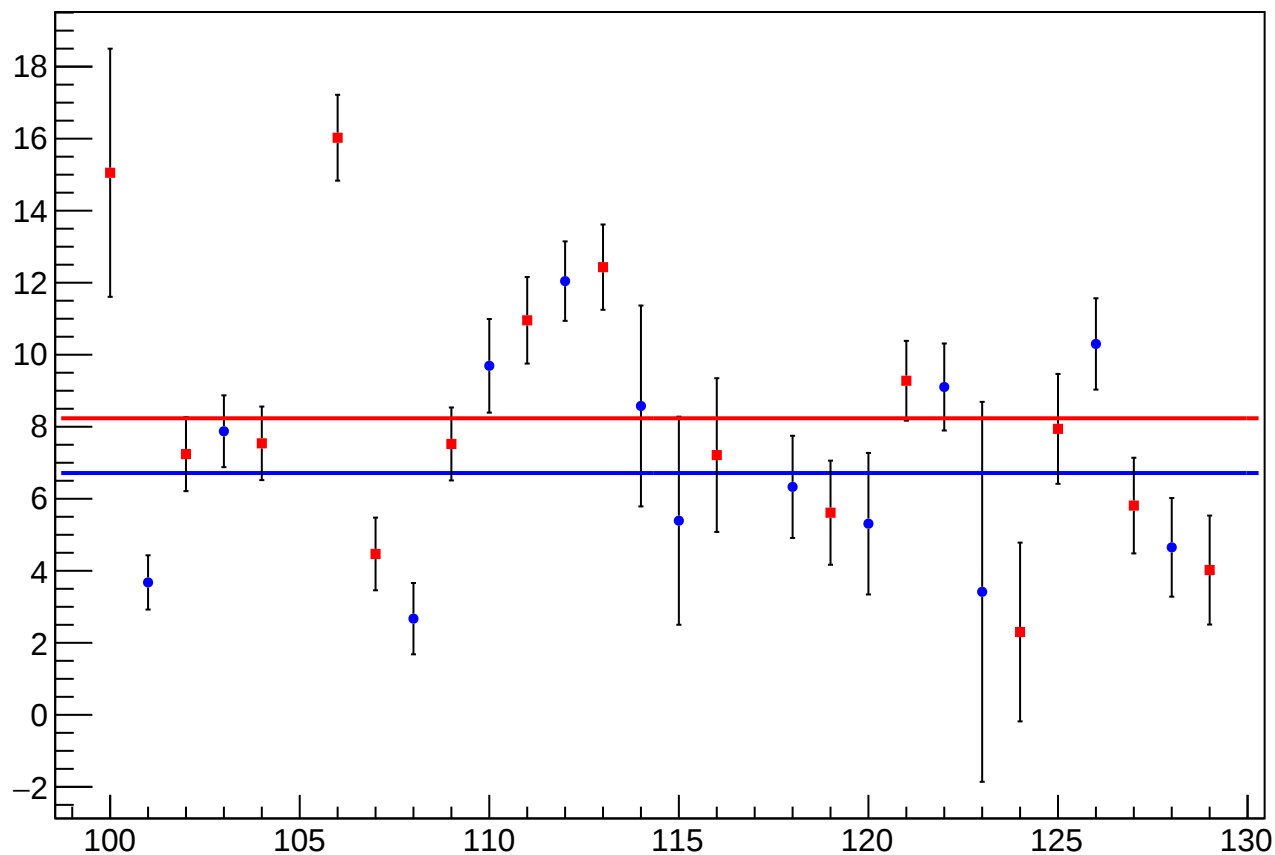
Right: -35.362+/-0.133 χ^2/NDF : 2369.6/27

In: -35.035+/-0.191 χ^2/NDF :1223.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -35.362+/-0.133 χ^2/NDF : 2369.6/27

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.715 $\pm$ 0.352 χ^2 /NDF: 78.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 8.235 $\pm$ 0.330 χ^2 /NDF: 101.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

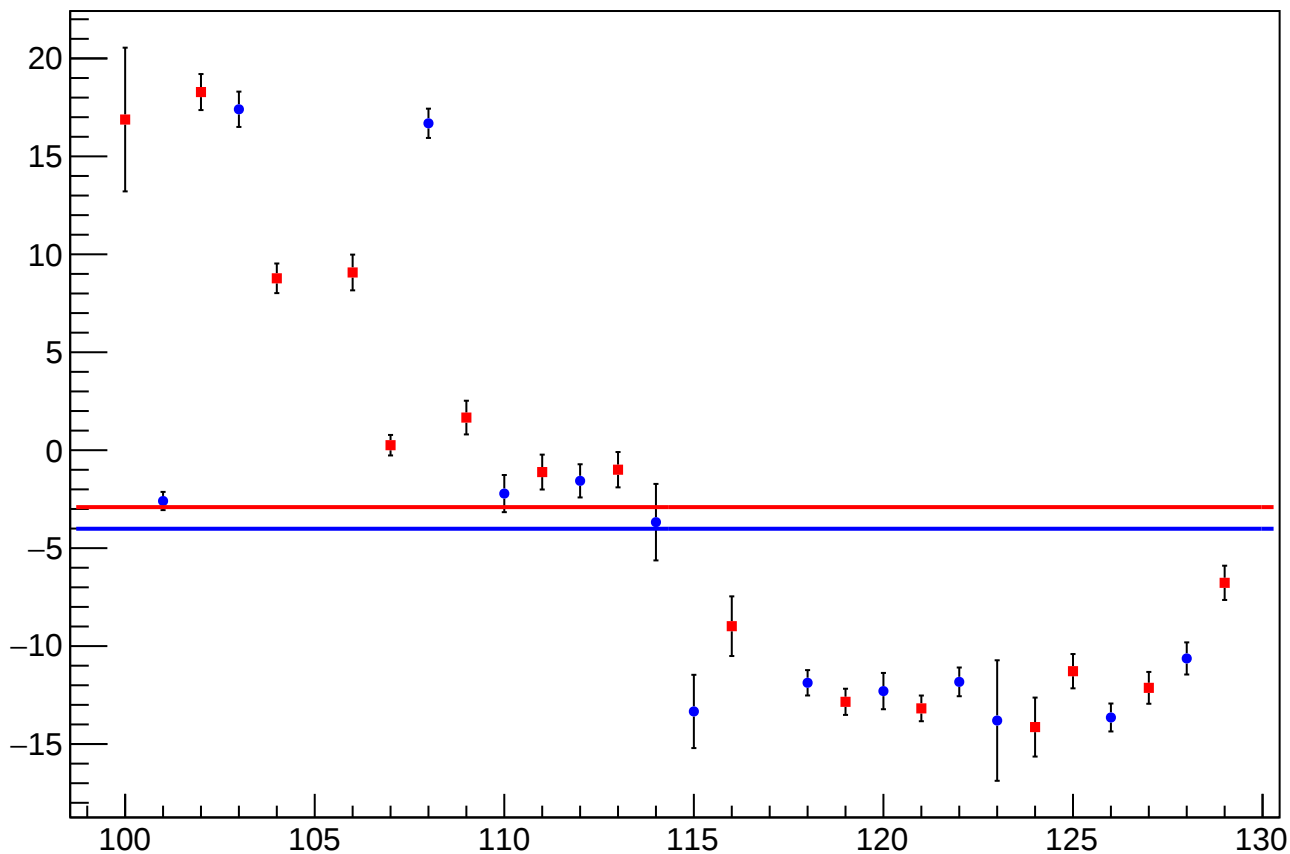
Right: 7.523 $\pm$ 0.241 χ^2 /NDF: 190.0/27

In: 6.715 $\pm$ 0.352 χ^2 /NDF:78.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 7.523 $\pm$ 0.241 χ^2 /NDF: 190.0/27

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.010 ± 0.225 χ^2/NDF : 1975.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.905 ± 0.217 χ^2/NDF : 1822.3/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

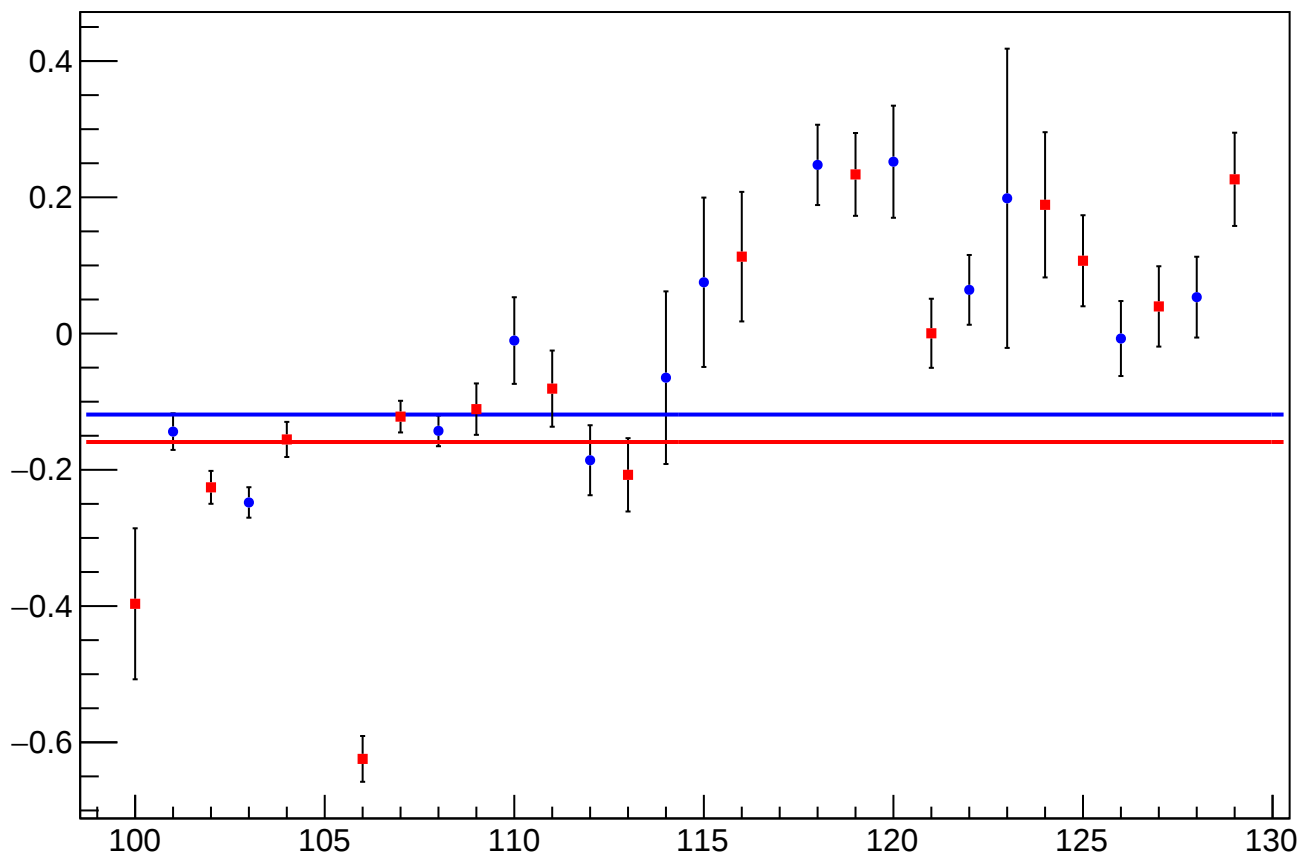
Right: -3.436 ± 0.156 χ^2/NDF : 3810.4/27

In: -4.010 ± 0.225 χ^2/NDF : 1975.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.436 ± 0.156 χ^2/NDF : 3810.4/27

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.119 ± 0.012 $\chi^2/\text{NDF}: 129.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.159 ± 0.011 $\chi^2/\text{NDF}: 340.2/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

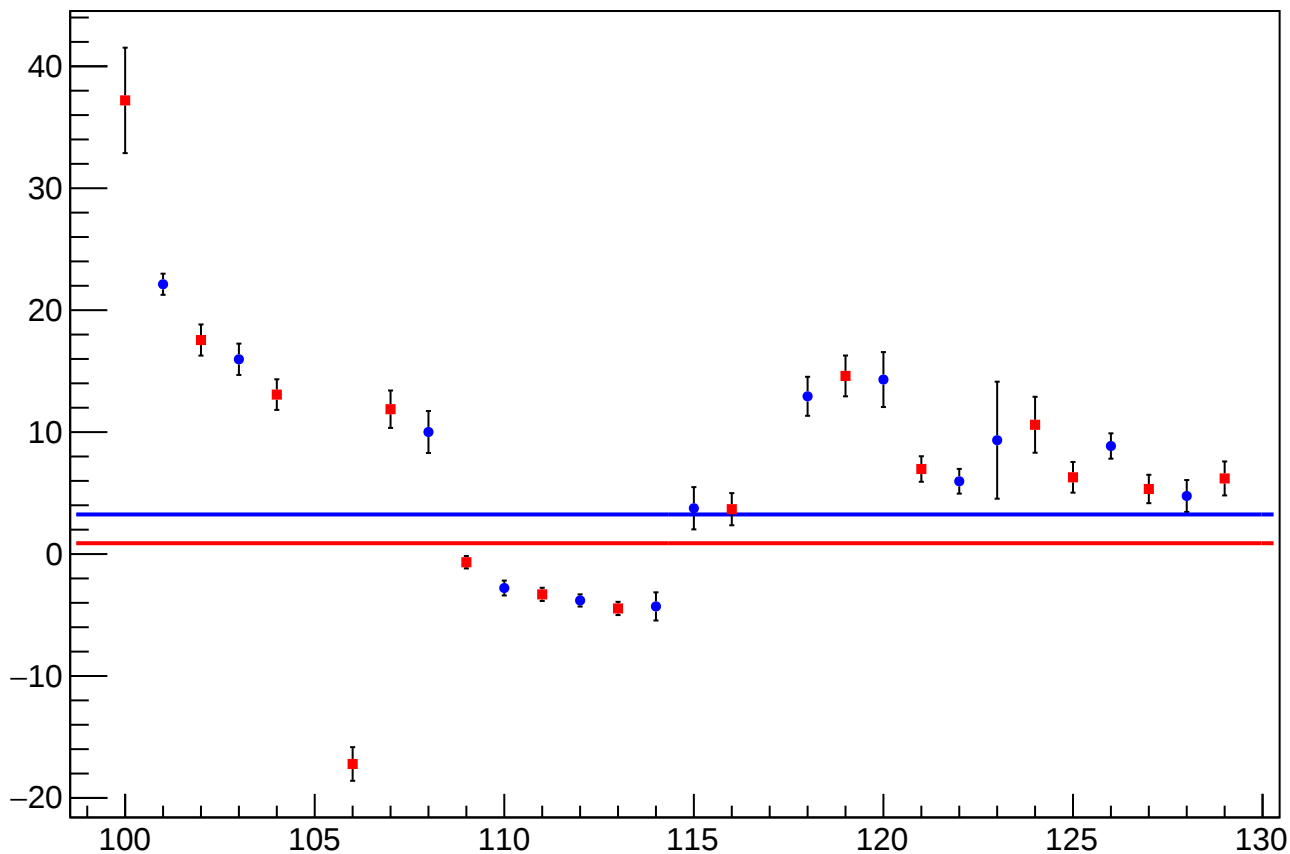
Right: -0.141 ± 0.008 $\chi^2/\text{NDF}: 475.8/27$

In: -0.119 ± 0.012 $\chi^2/\text{NDF}: 129.0/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.141 ± 0.008 $\chi^2/\text{NDF}: 475.8/27$

reg_asym_sam_15_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 3.247+/-0.275 χ^2/NDF : 1028.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.889+/-0.244 χ^2/NDF : 896.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

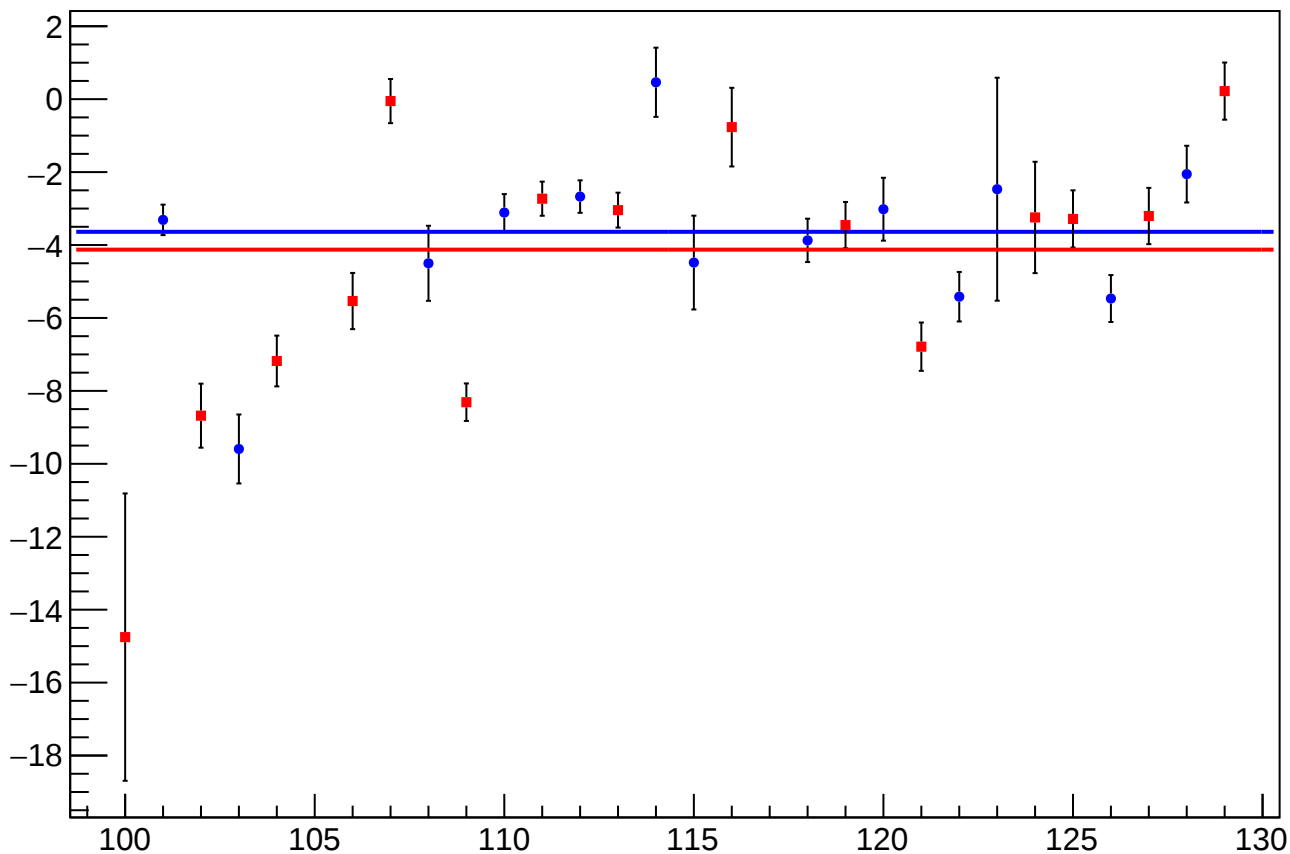
Right: 1.925+/-0.183 χ^2/NDF : 1965.6/27

In: 3.247+/-0.275 χ^2/NDF : 1028.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.925+/-0.183 χ^2/NDF : 1965.6/27

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.638 ± 0.186 χ^2/NDF : 85.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.126 ± 0.178 χ^2/NDF : 243.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

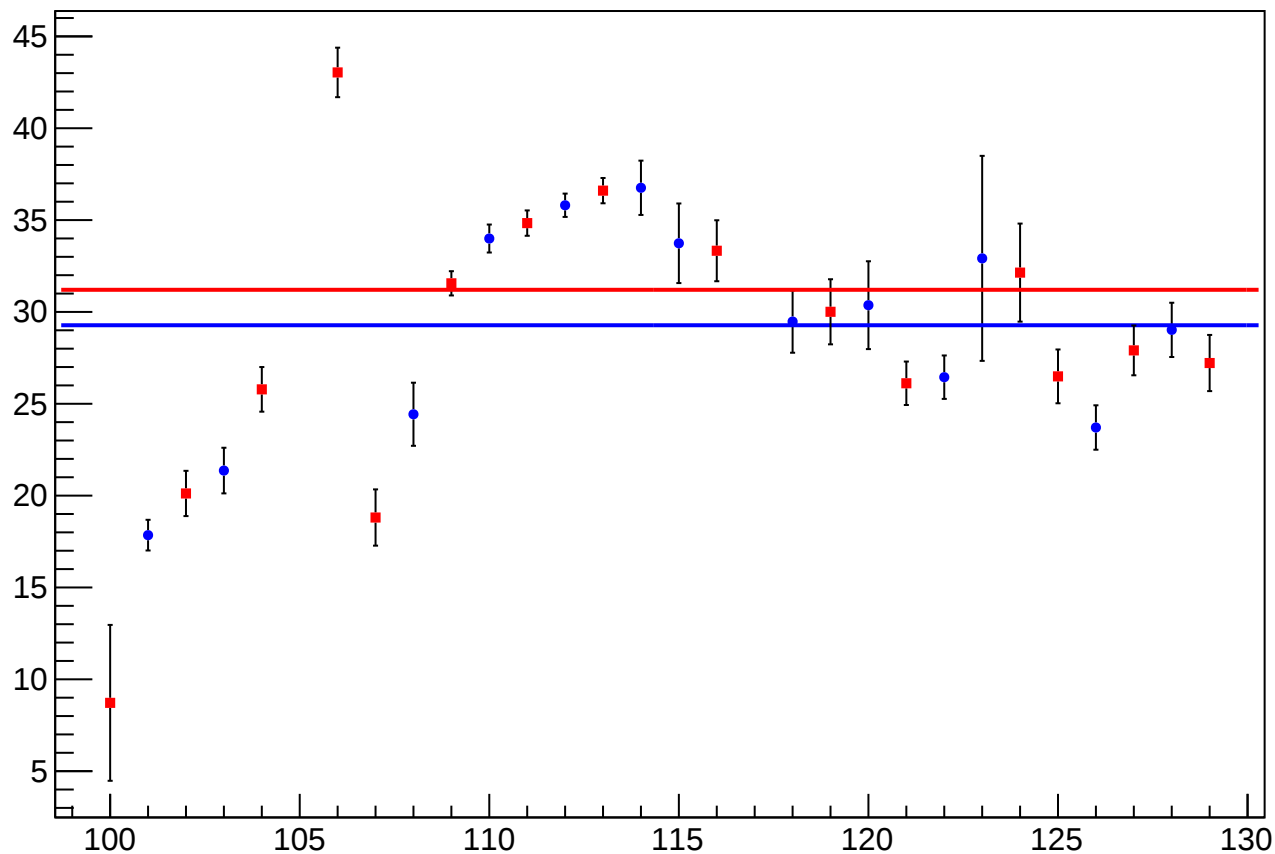
Right: -3.892 ± 0.129 χ^2/NDF : 332.4/27

In: -3.638 ± 0.186 χ^2/NDF : 85.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.892 ± 0.129 χ^2/NDF : 332.4/27

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.275+/-0.321 χ^2/NDF : 437.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 31.205+/-0.291 χ^2/NDF : 404.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

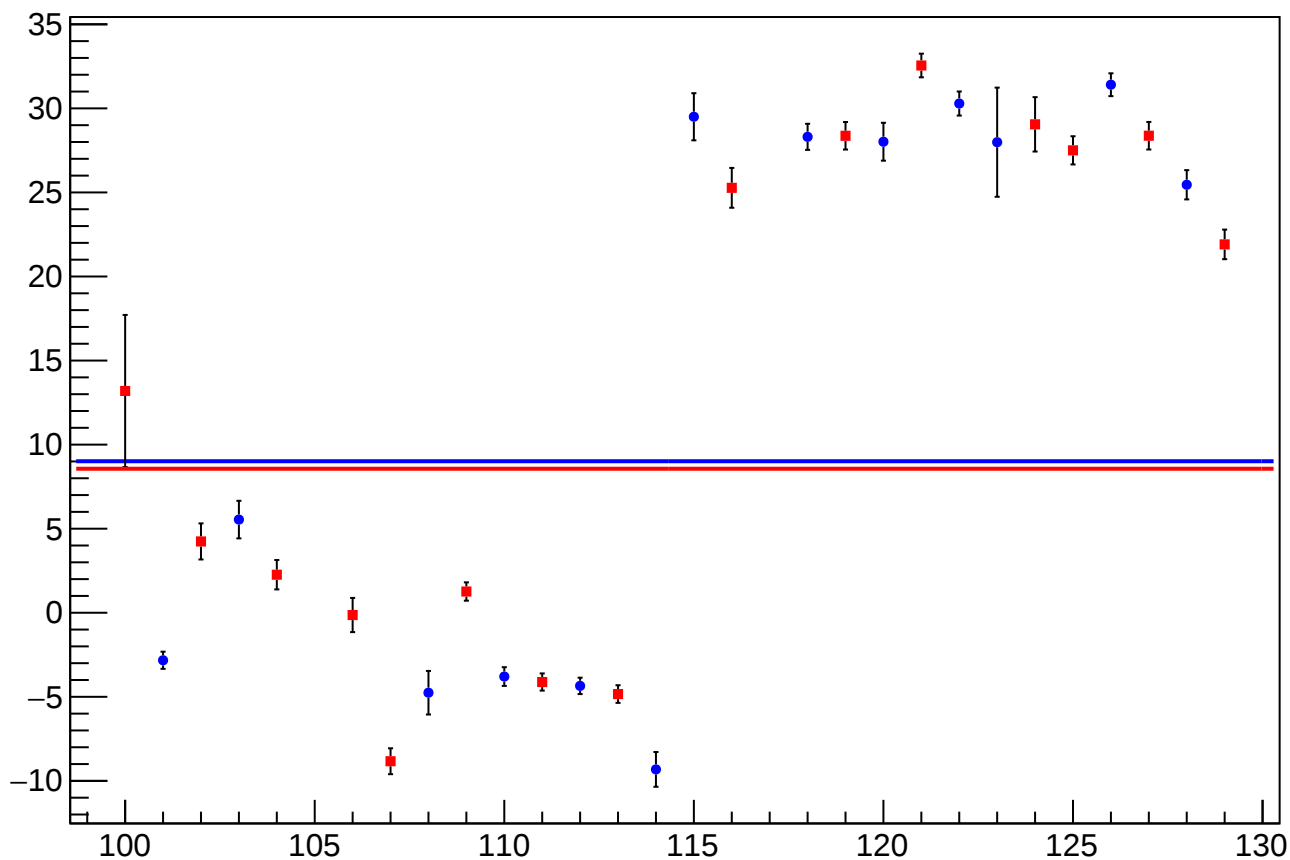
Right: 30.336+/-0.215 χ^2/NDF : 862.1/27

In: 29.275+/-0.321 χ^2/NDF :437.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 30.336+/-0.215 χ^2/NDF : 862.1/27

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.012 $\pm$ 0.213 χ^2 /NDF: 5737.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 8.567 $\pm$ 0.202 χ^2 /NDF: 5532.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

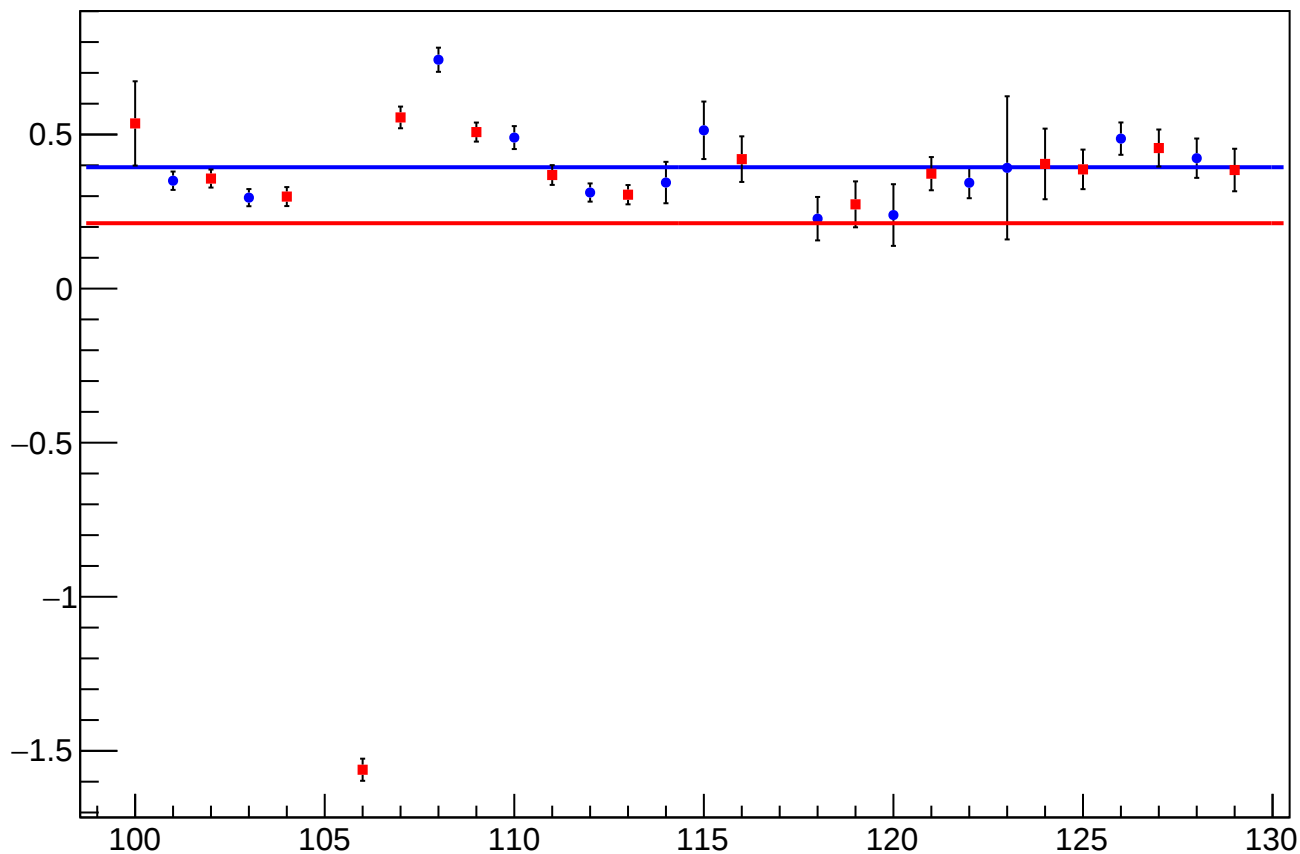
Right: 8.778 $\pm$ 0.146 χ^2 /NDF: 11271.9/27

In: 9.012 $\pm$ 0.213 χ^2 /NDF:5737.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 8.778 $\pm$ 0.146 χ^2 /NDF: 11271.9/27

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.394+/-0.012 χ^2/NDF : 122.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.212+/-0.011 χ^2/NDF : 2749.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

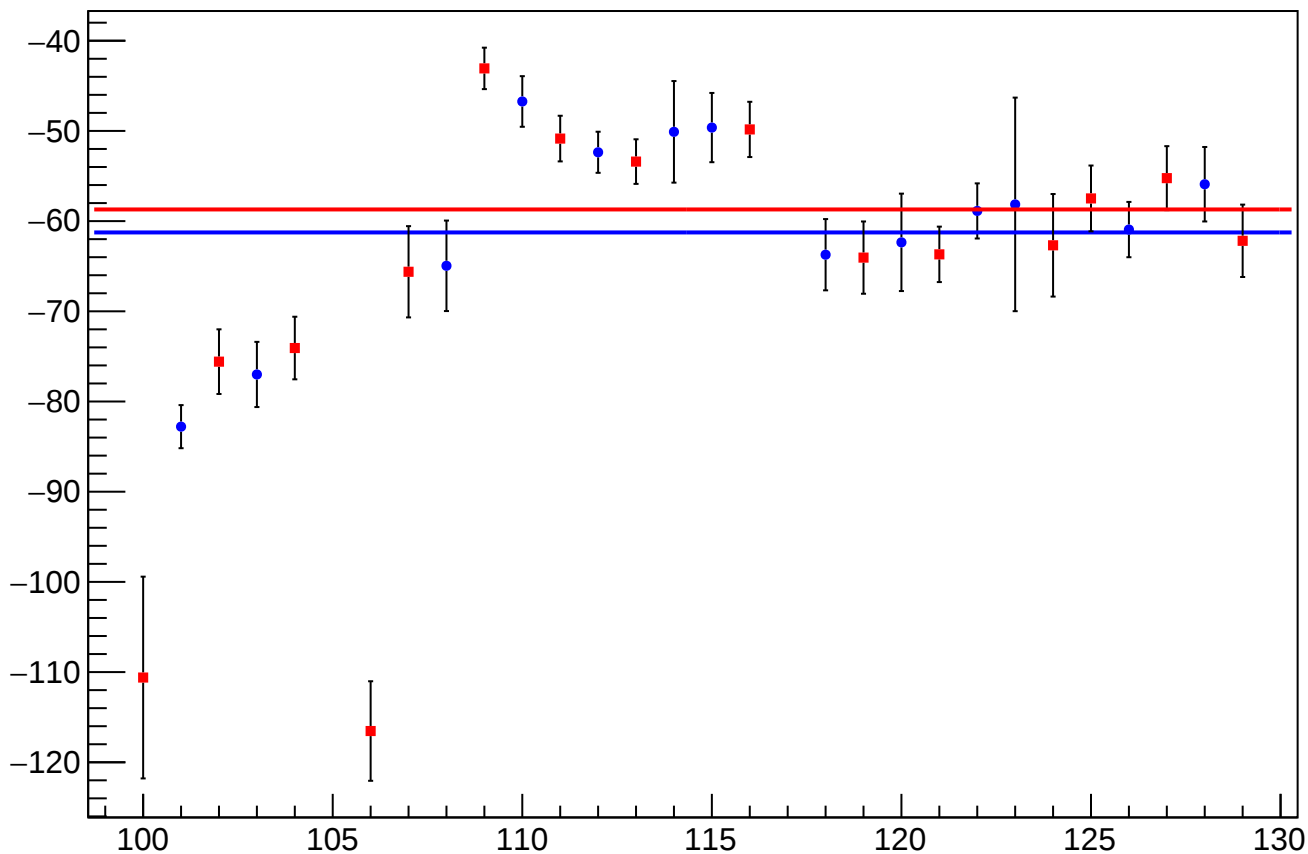
Right: 0.292+/-0.008 χ^2/NDF : 2994.1/27

In: 0.394+/-0.012 χ^2/NDF : 122.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.292+/-0.008 χ^2/NDF : 2994.1/27

reg_asym_sam_24_68_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -61.256 ± 0.959 $\chi^2/\text{NDF}: 158.6/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -58.707 ± 0.886 $\chi^2/\text{NDF}: 250.6/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

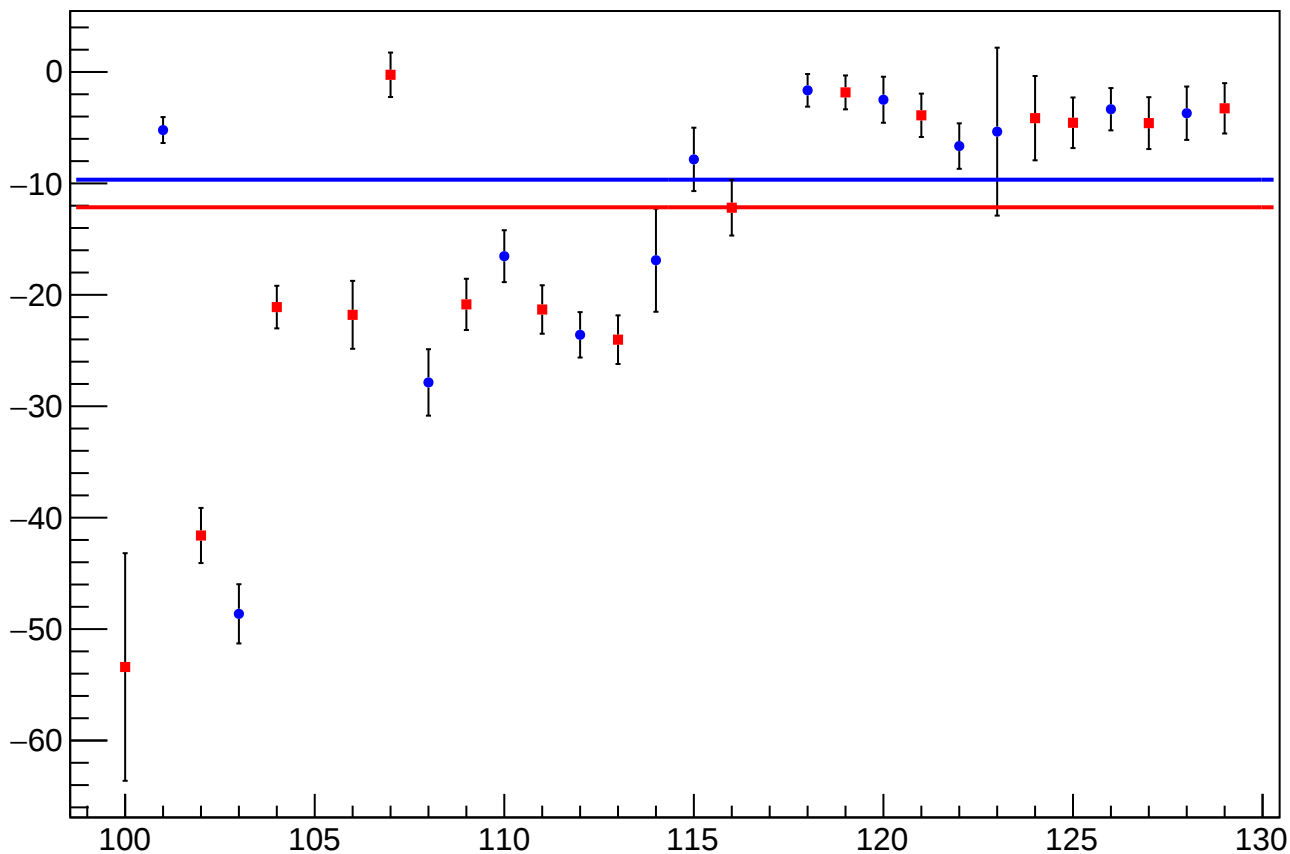
Right: -59.882 ± 0.651 $\chi^2/\text{NDF}: 413.1/27$

In: -61.256 ± 0.959 $\chi^2/\text{NDF}: 158.6/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -59.882 ± 0.651 $\chi^2/\text{NDF}: 413.1/27$

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -9.666+/-0.578 χ^2/NDF : 387.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.142+/-0.586 χ^2/NDF : 392.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

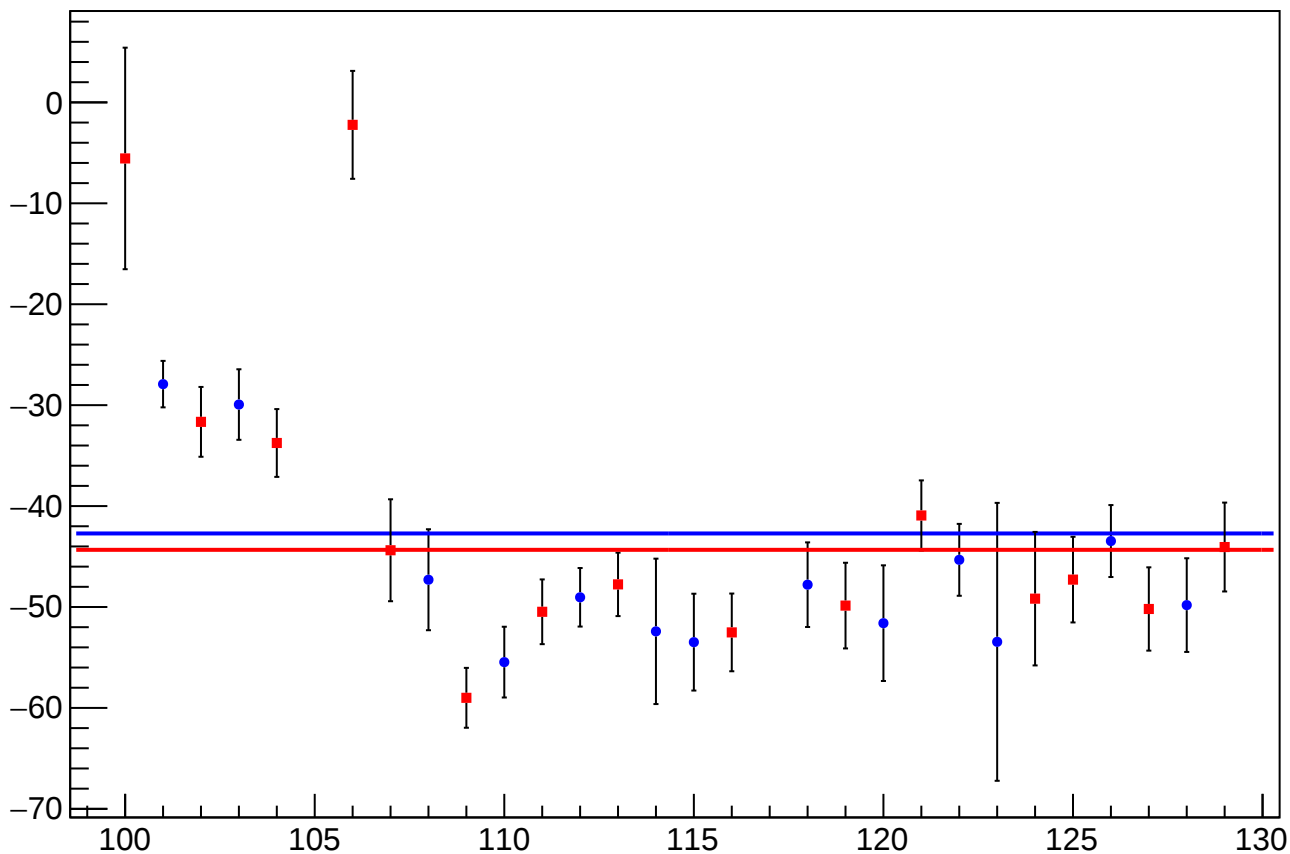
Right: -10.887+/-0.411 χ^2/NDF : 789.0/27

In: -9.666+/-0.578 χ^2/NDF : 387.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.887+/-0.411 χ^2/NDF : 789.0/27

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -42.713 $\pm$ 1.072 χ^2 /NDF: 87.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -44.335 $\pm$ 1.020 χ^2 /NDF: 137.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

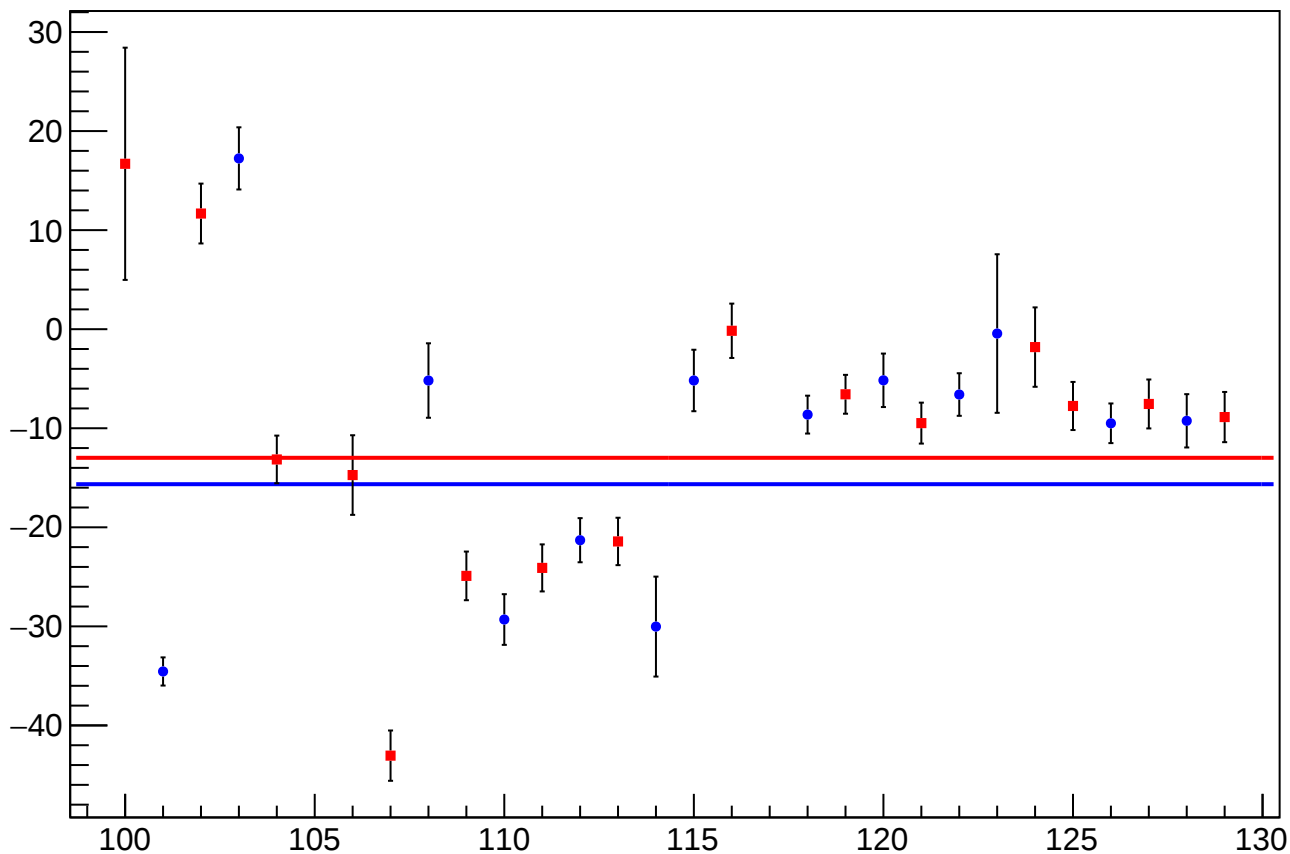
Right: -43.564 $\pm$ 0.739 χ^2 /NDF: 226.3/27

In: -42.713 $\pm$ 1.072 χ^2 /NDF:87.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -43.564 $\pm$ 0.739 χ^2 /NDF: 226.3/27

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -15.648 $\pm$ 0.675 χ^2 /NDF: 414.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -12.984 $\pm$ 0.674 χ^2 /NDF: 326.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

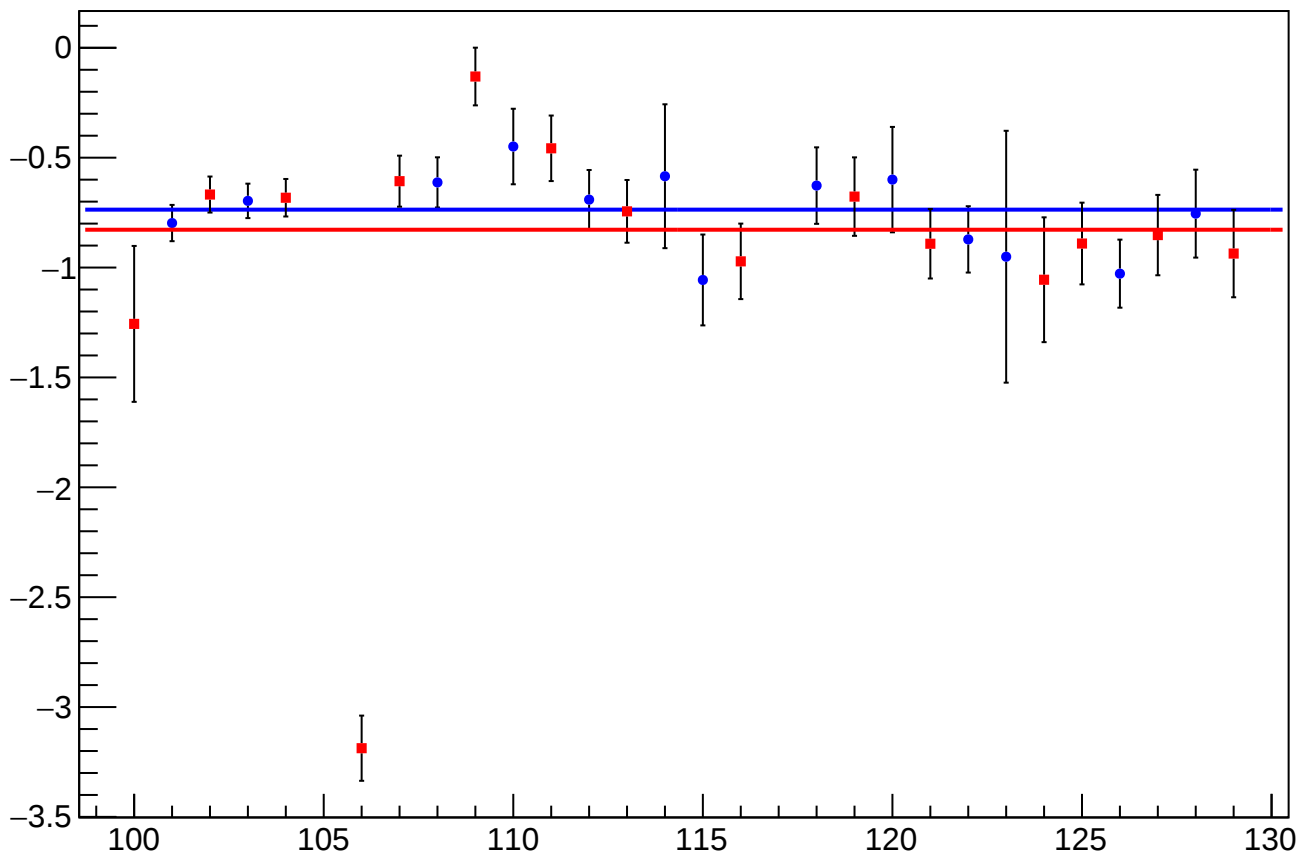
Right: -14.314 $\pm$ 0.477 χ^2 /NDF: 748.4/27

In: -15.648 $\pm$ 0.675 χ^2 /NDF:414.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -14.314 $\pm$ 0.477 χ^2 /NDF: 748.4/27

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.736 ± 0.039 $\chi^2/\text{NDF}: 12.7/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.828 ± 0.036 $\chi^2/\text{NDF}: 302.2/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

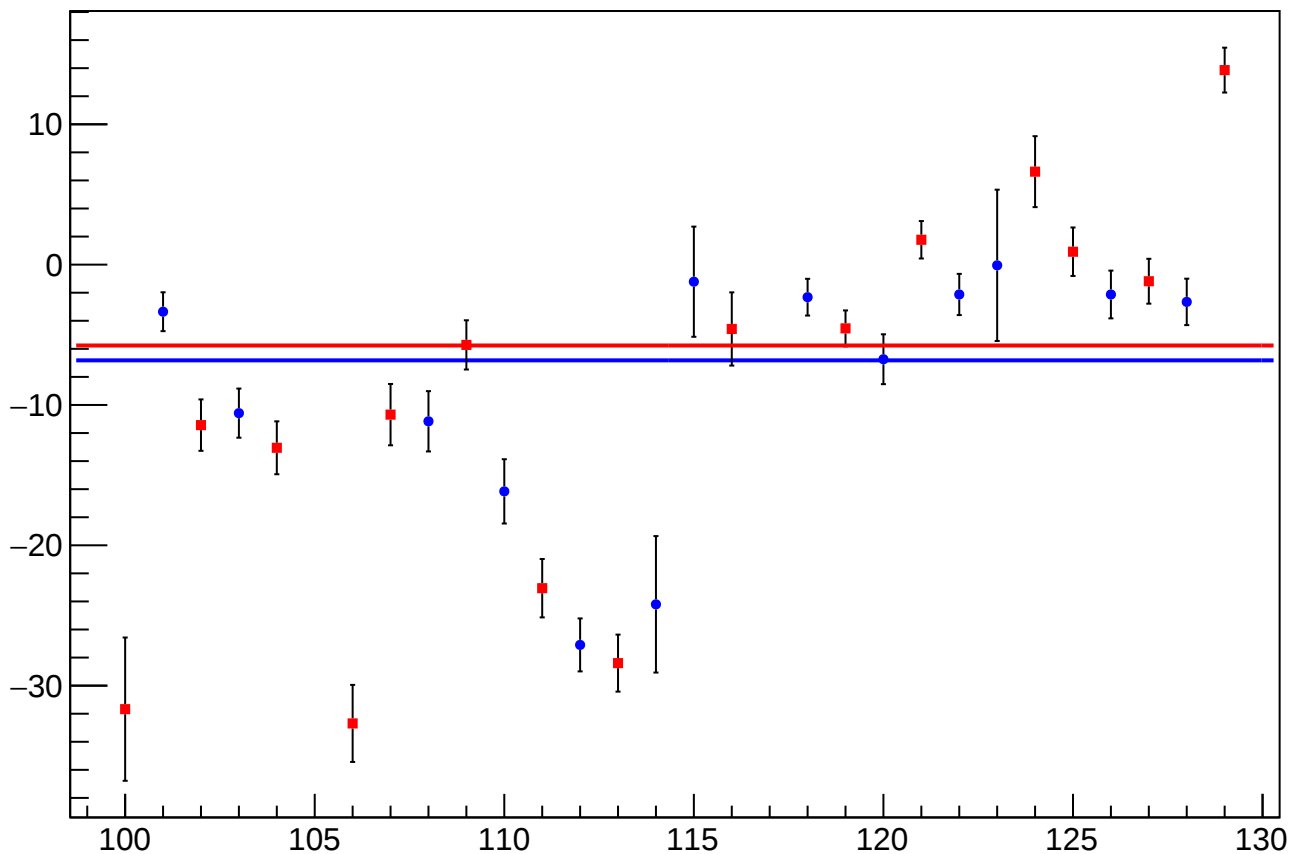
Right: -0.785 ± 0.026 $\chi^2/\text{NDF}: 317.9/27$

In: -0.736 ± 0.039 $\chi^2/\text{NDF}: 12.7/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.785 ± 0.026 $\chi^2/\text{NDF}: 317.9/27$

reg_asym_sam_26_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -6.821+/-0.516 χ^2/NDF : 199.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.761+/-0.479 χ^2/NDF : 575.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

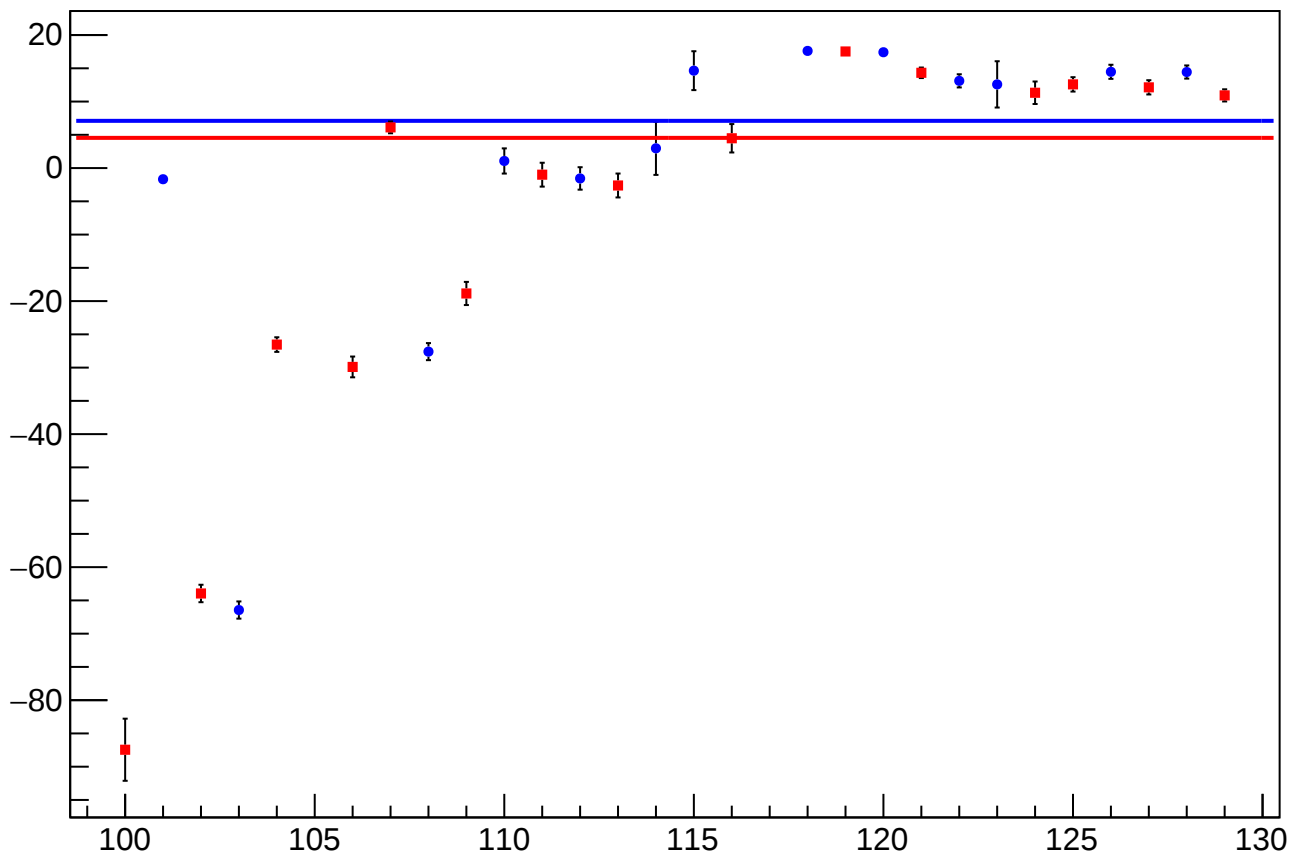
Right: -6.252+/-0.351 χ^2/NDF : 777.4/27

In: -6.821+/-0.516 χ^2/NDF : 199.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.252+/-0.351 χ^2/NDF : 777.4/27

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.101 ± 0.272 χ^2/NDF : 5011.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 4.541 ± 0.274 χ^2/NDF : 5642.6/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

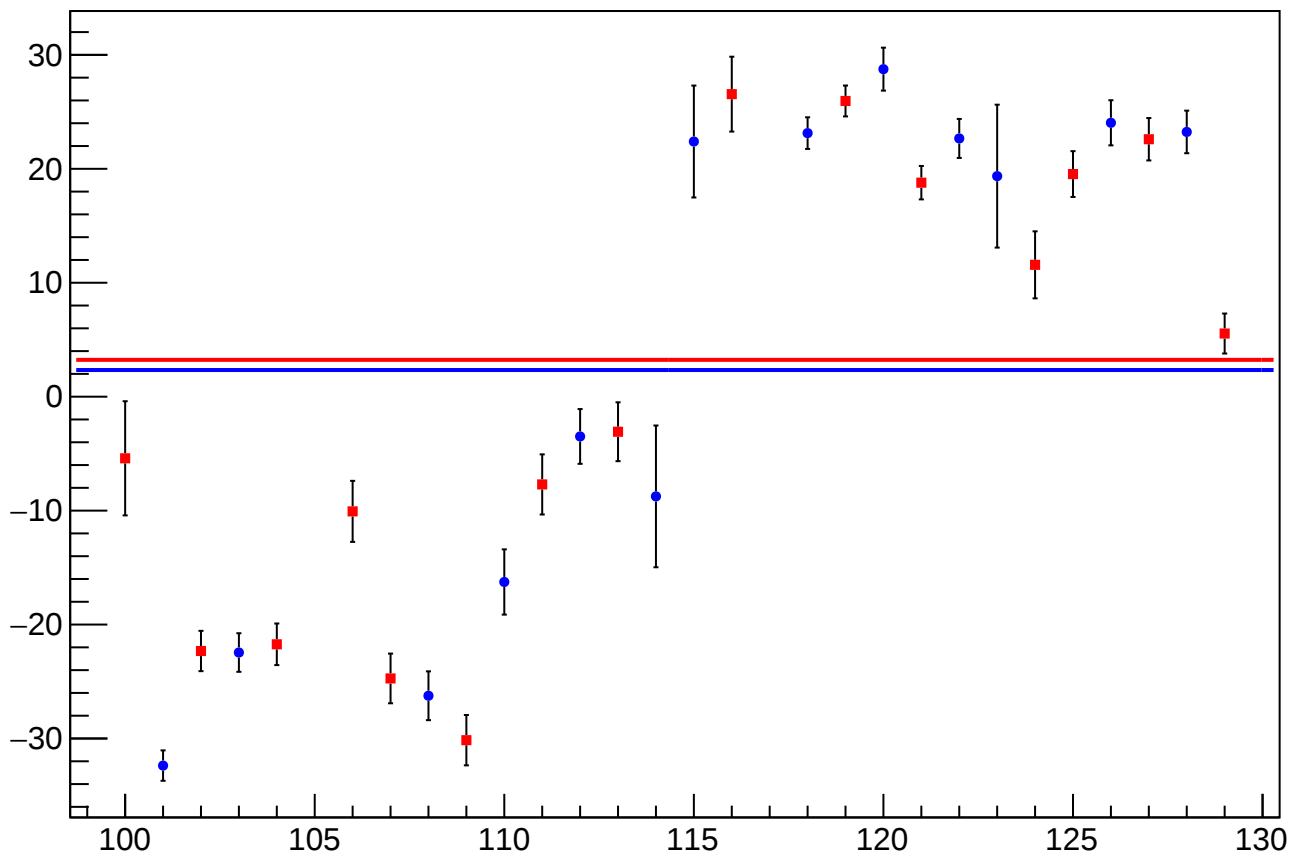
Right: 5.827 ± 0.193 χ^2/NDF : 10697.9/27

In: 7.101 ± 0.272 χ^2/NDF : 5011.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 5.827 ± 0.193 χ^2/NDF : 10697.9/27

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.340+/-0.559 χ^2/NDF : 1950.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.234+/-0.528 χ^2/NDF : 1466.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

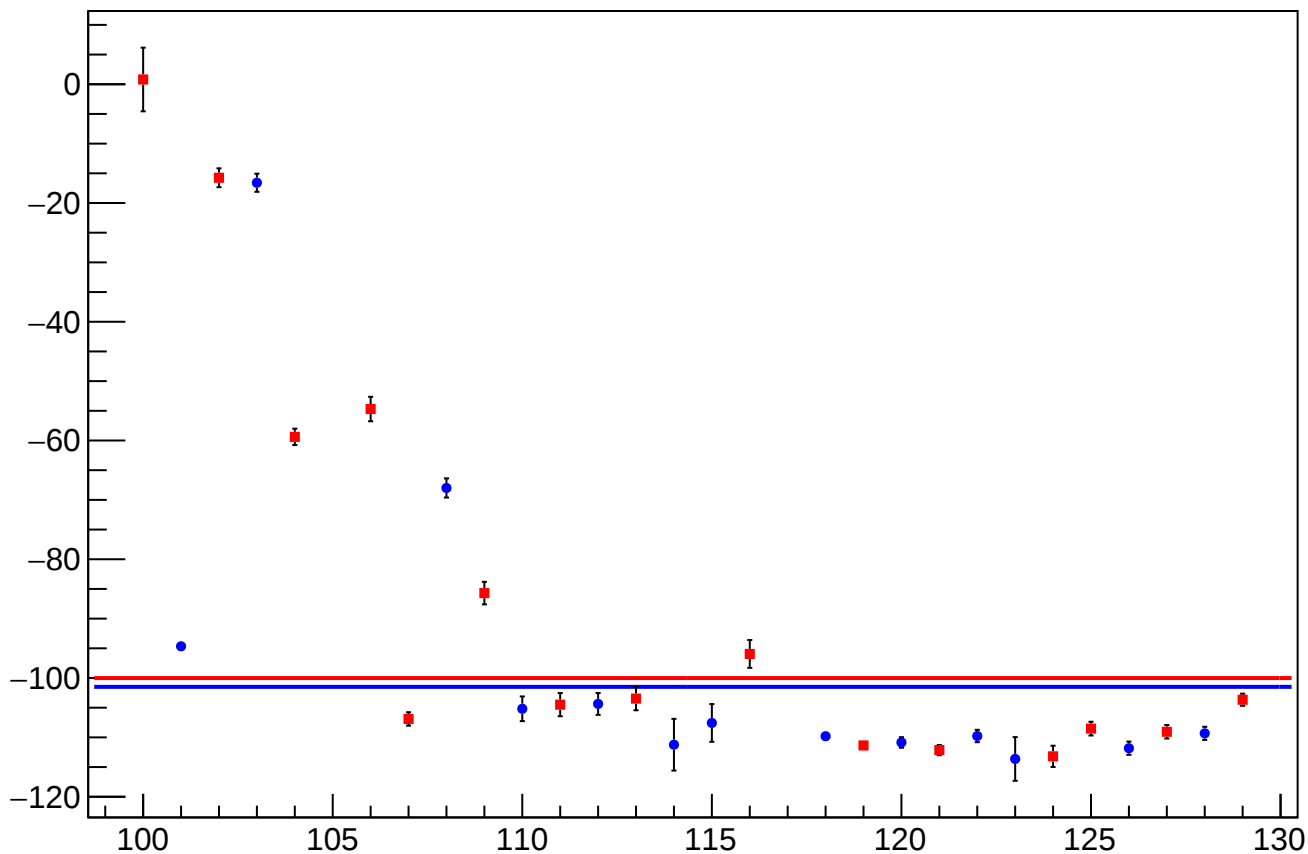
Right: 2.813+/-0.384 χ^2/NDF : 3418.7/27

In: 2.340+/-0.559 χ^2/NDF : 1950.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.813+/-0.384 χ^2/NDF : 3418.7/27

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -101.489+/-0.329 χ^2/NDF : 4094.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -100.010+/-0.322 χ^2/NDF : 5337.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

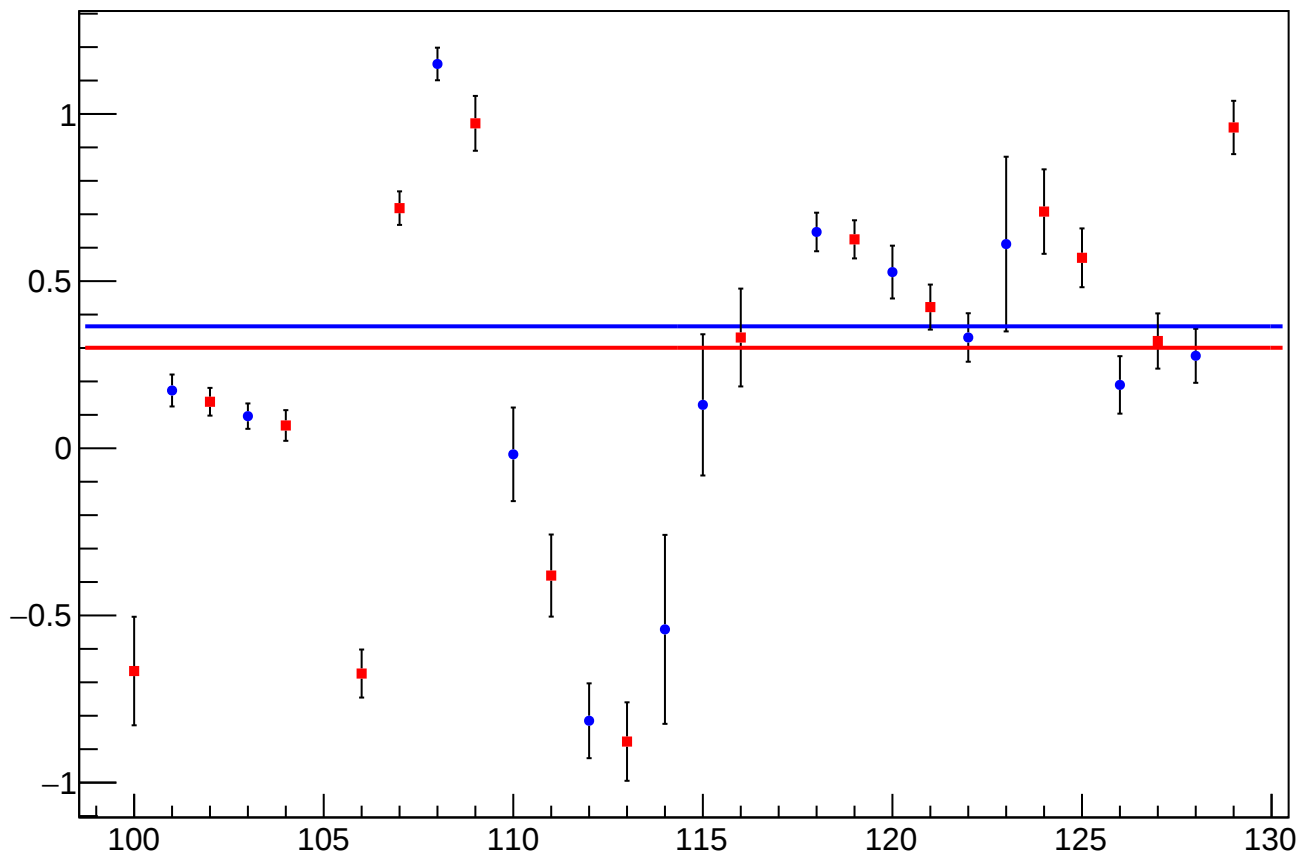
Right: -100.734+/-0.230 χ^2/NDF : 9442.0/27

In: -101.489+/-0.329 χ^2/NDF : 4094.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -100.734+/-0.230 χ^2/NDF : 9442.0/27

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.365 $\pm$ 0.019 χ^2 /NDF: 490.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.301 $\pm$ 0.018 χ^2 /NDF: 651.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

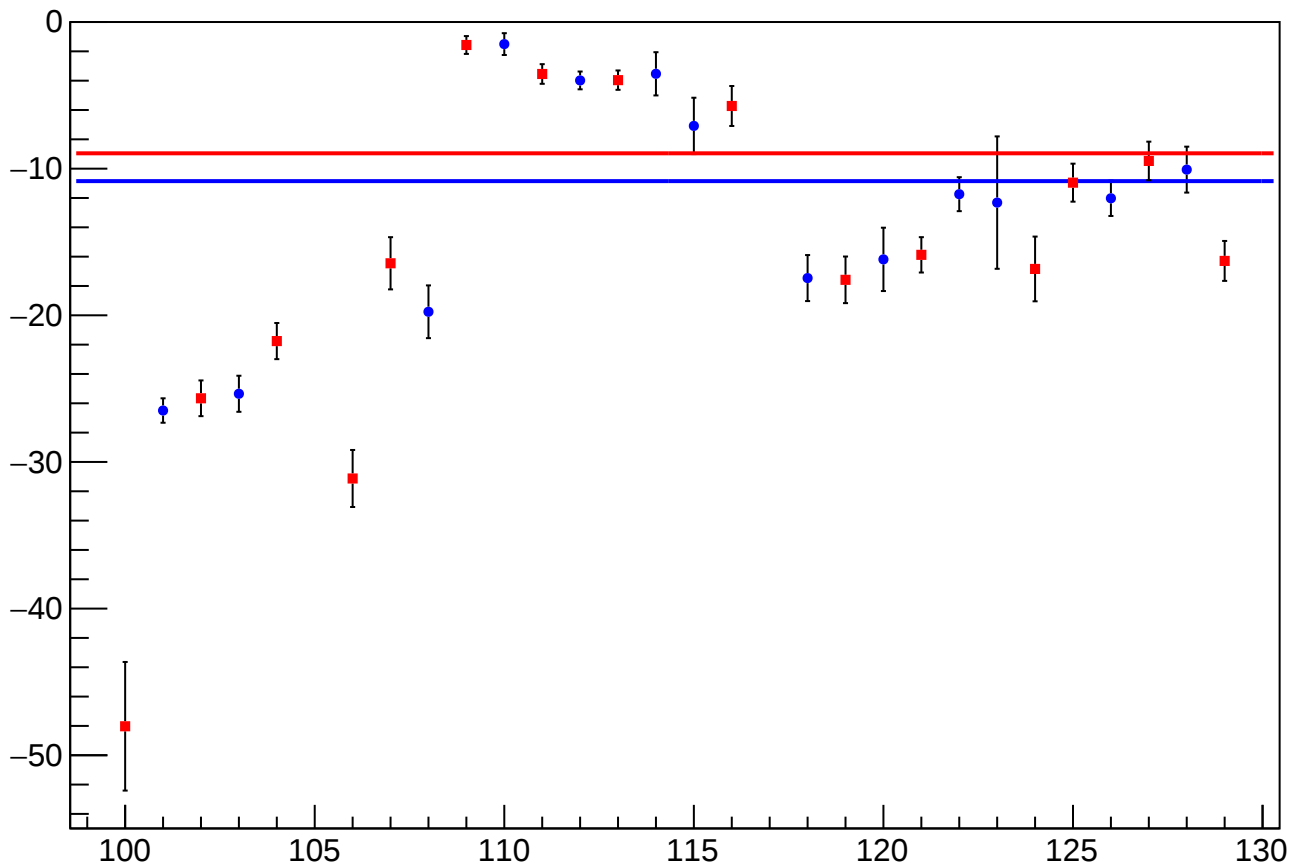
Right: 0.331 $\pm$ 0.013 χ^2 /NDF: 1147.7/27

In: 0.365 $\pm$ 0.019 χ^2 /NDF:490.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.331 $\pm$ 0.013 χ^2 /NDF: 1147.7/27

reg_asym_sam_1357_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -10.850 ± 0.313 χ^2/NDF : 856.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.953 ± 0.280 χ^2/NDF : 905.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

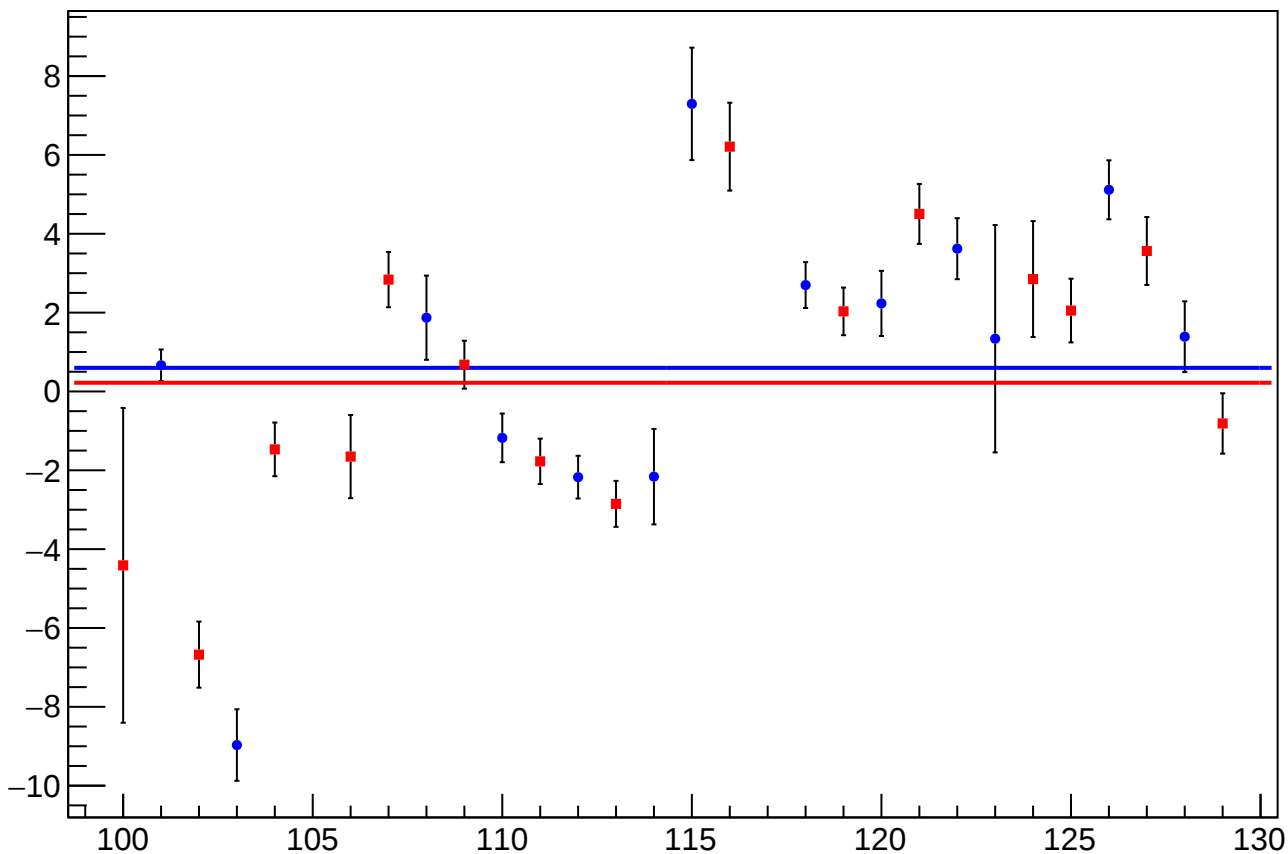
Right: -9.796 ± 0.209 χ^2/NDF : 1782.1/27

In: -10.850 ± 0.313 χ^2/NDF : 856.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.796 ± 0.209 χ^2/NDF : 1782.1/27

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.599+/-0.201 χ^2/NDF : 243.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.221+/-0.198 χ^2/NDF : 227.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

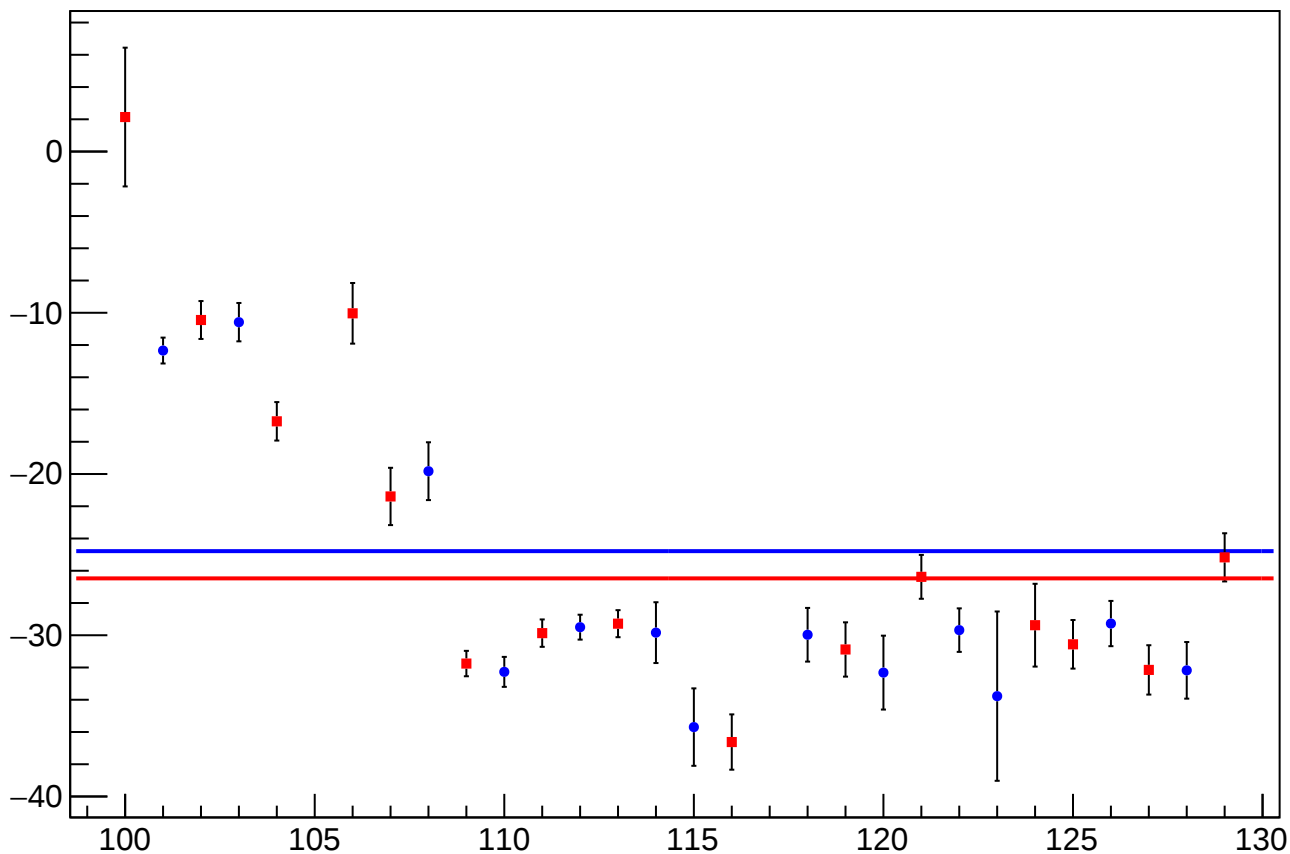
Right: 0.407+/-0.141 χ^2/NDF : 472.9/27

In: 0.599+/-0.201 χ^2/NDF : 243.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.407+/-0.141 χ^2/NDF : 472.9/27

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -24.783 ± 0.357 χ^2/NDF : 585.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -26.473 ± 0.330 χ^2/NDF : 518.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

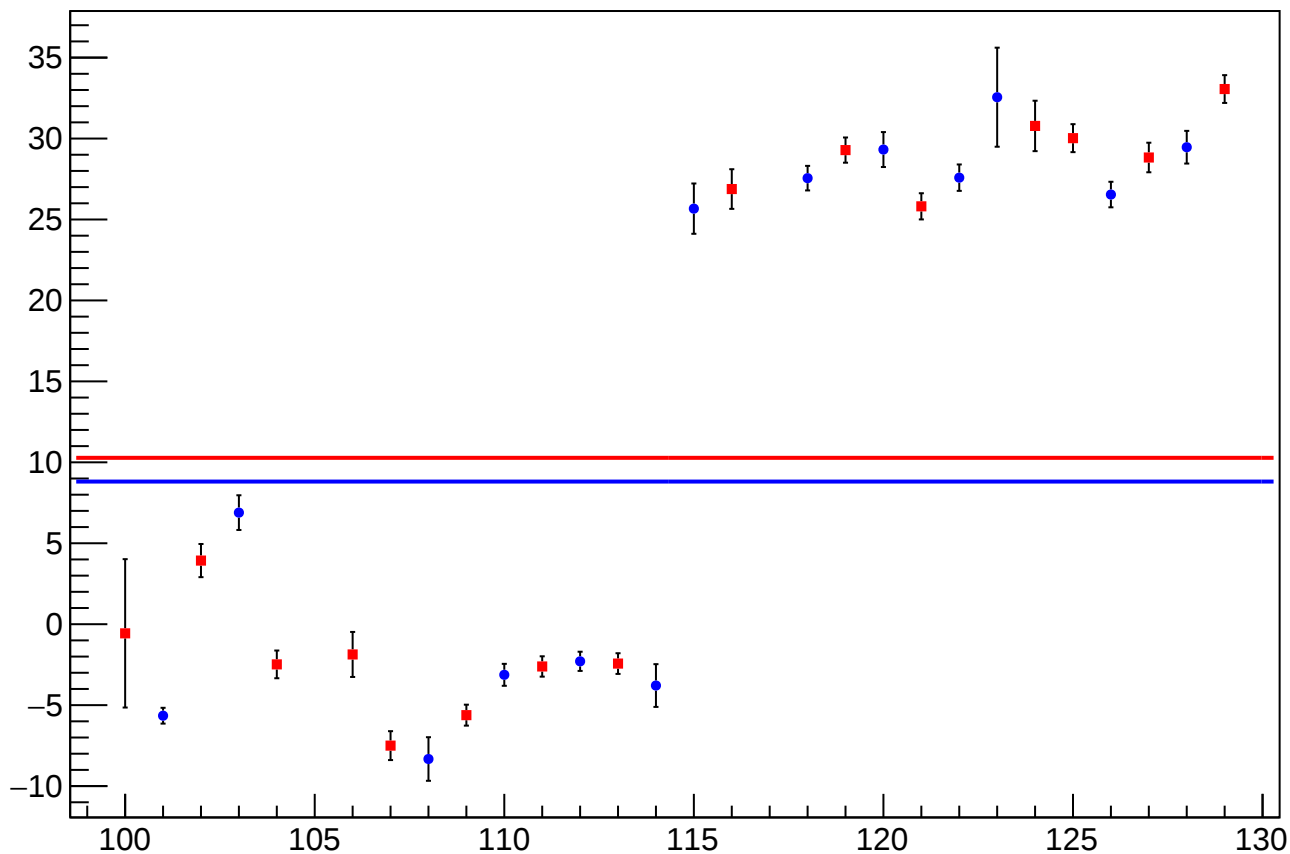
Right: -25.696 ± 0.242 χ^2/NDF : 1115.6/27

In: -24.783 ± 0.357 χ^2/NDF : 585.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.696 ± 0.242 χ^2/NDF : 1115.6/27

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.811+/-0.233 χ^2/NDF : 4398.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.278+/-0.226 χ^2/NDF : 5119.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

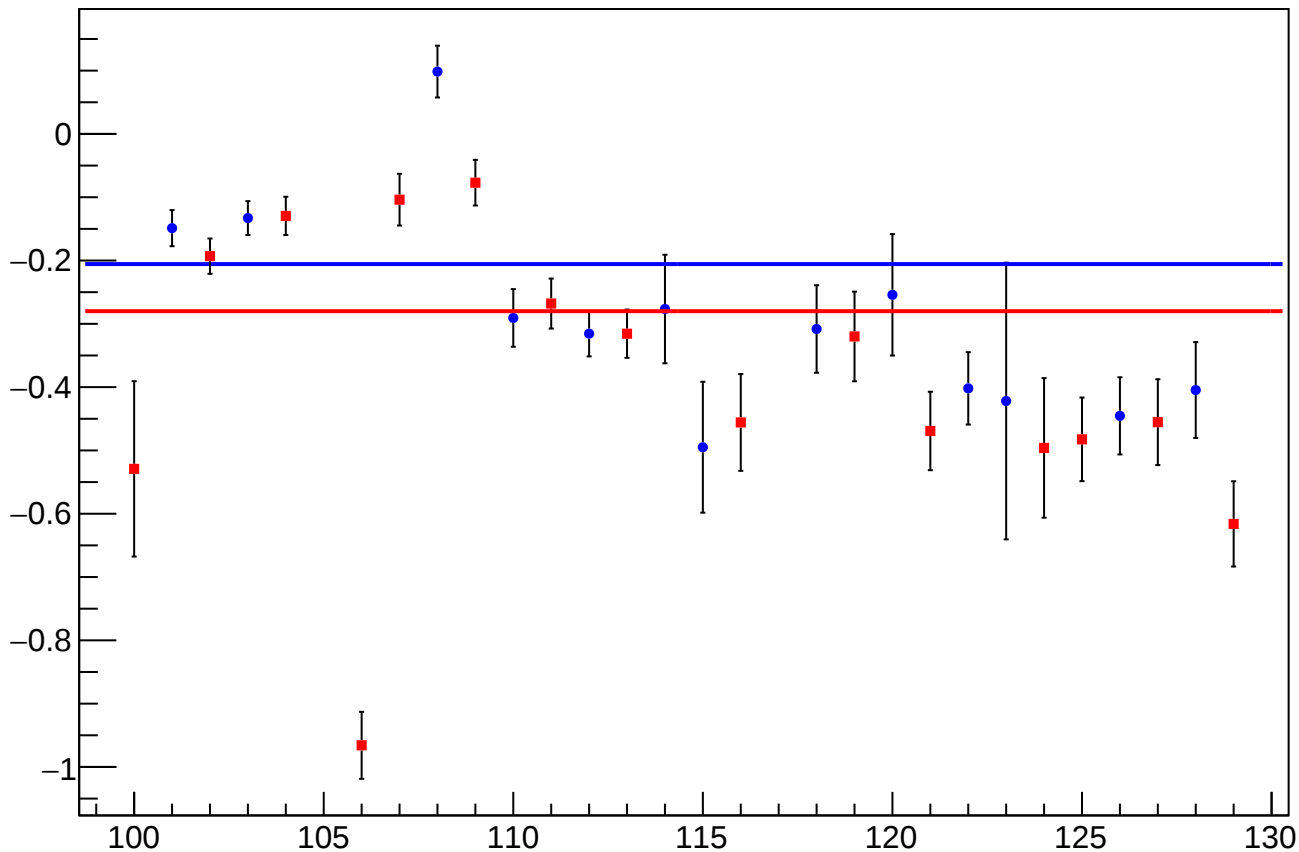
Right: 9.568+/-0.162 χ^2/NDF : 9537.6/27

In: 8.811+/-0.233 χ^2/NDF : 4398.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.568+/-0.162 χ^2/NDF : 9537.6/27

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.206 ± 0.013 χ^2/NDF : 125.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.280 ± 0.012 χ^2/NDF : 316.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

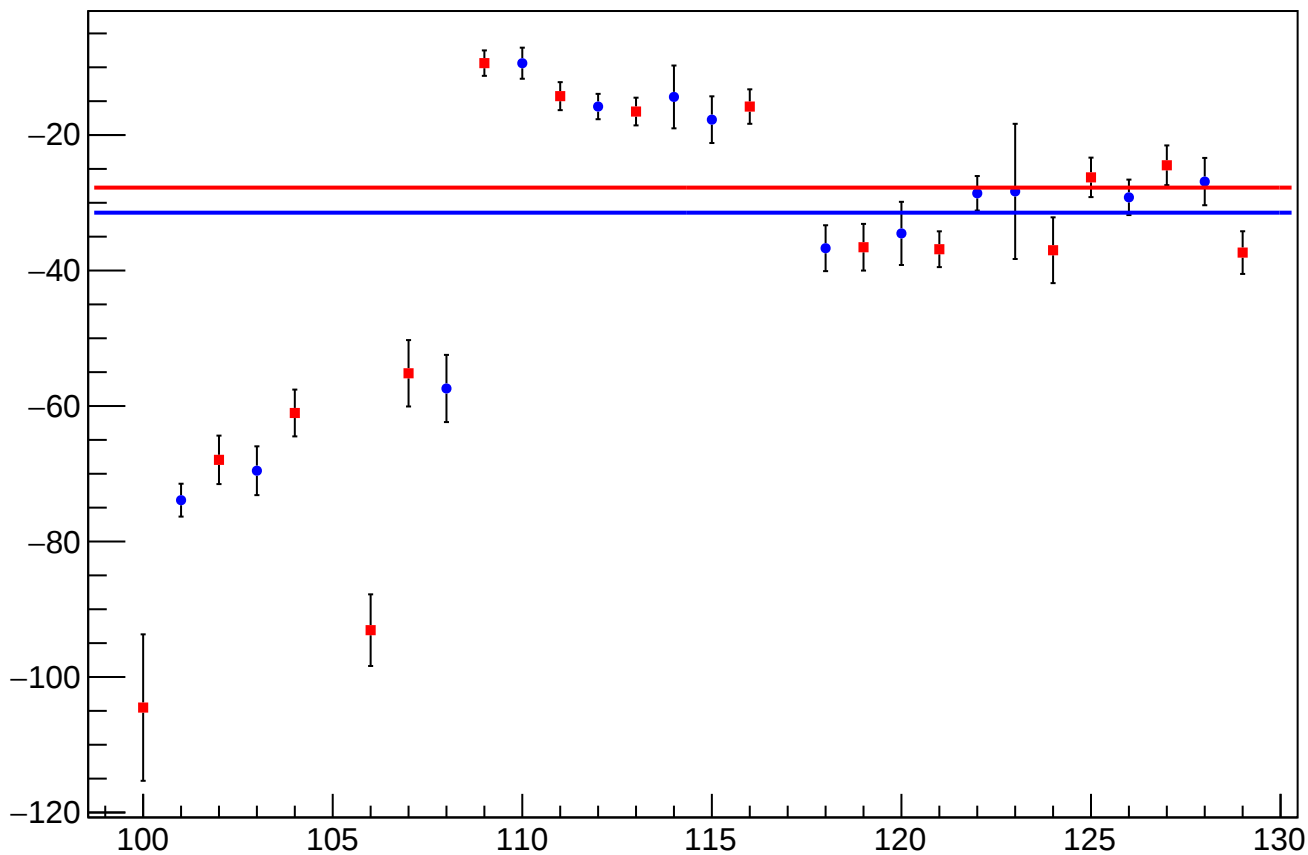
Right: -0.246 ± 0.009 χ^2/NDF : 459.9/27

In: -0.206 ± 0.013 χ^2/NDF : 125.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.246 ± 0.009 χ^2/NDF : 459.9/27

reg_asym_sam_2468_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -31.460 $\pm$ 0.839 χ^2 /NDF: 643.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -27.760 $\pm$ 0.753 χ^2 /NDF: 676.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

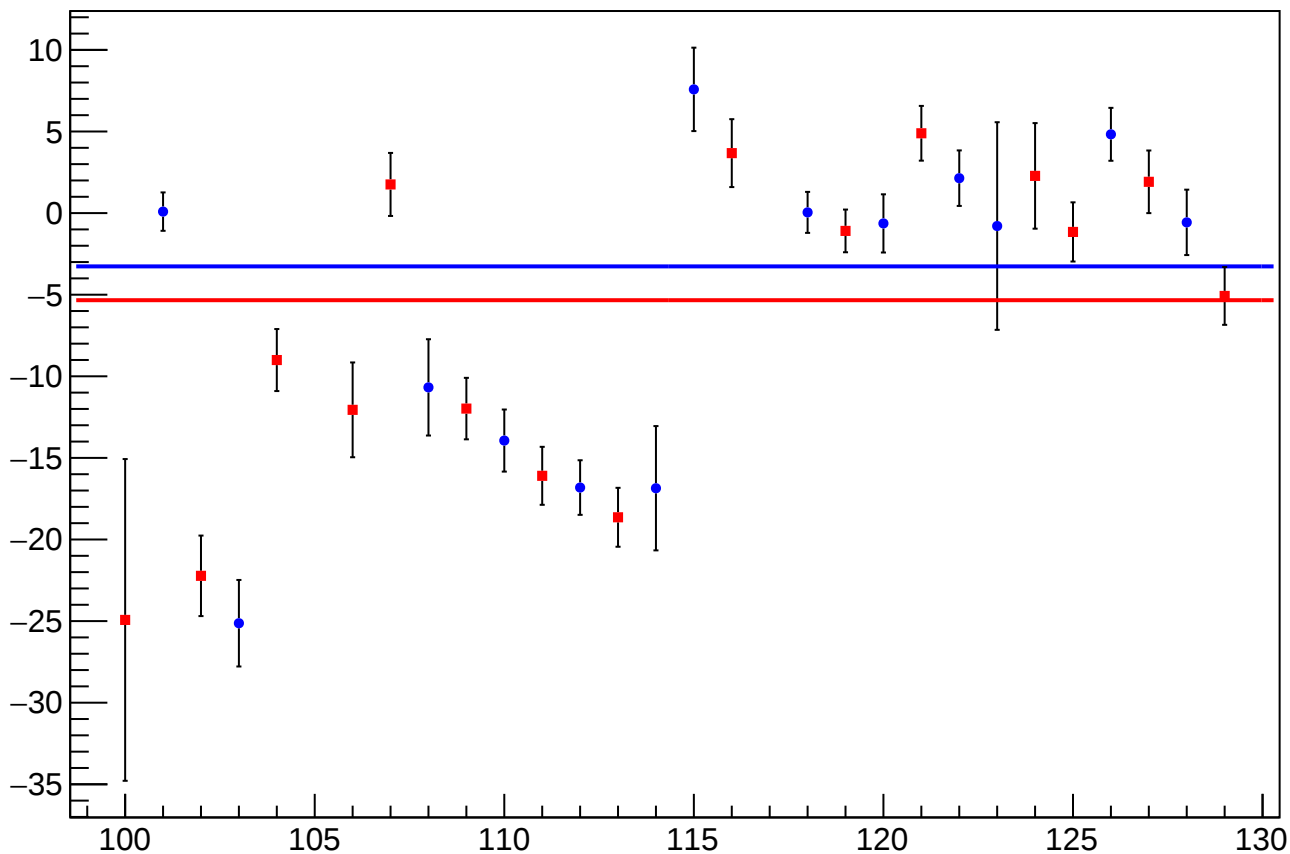
Right: -29.409 $\pm$ 0.560 χ^2 /NDF: 1331.1/27

In: -31.460 $\pm$ 0.839 χ^2 /NDF:643.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -29.409 $\pm$ 0.560 χ^2 /NDF: 1331.1/27

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.265+/-0.514 χ^2/NDF : 256.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.337+/-0.506 χ^2/NDF : 268.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

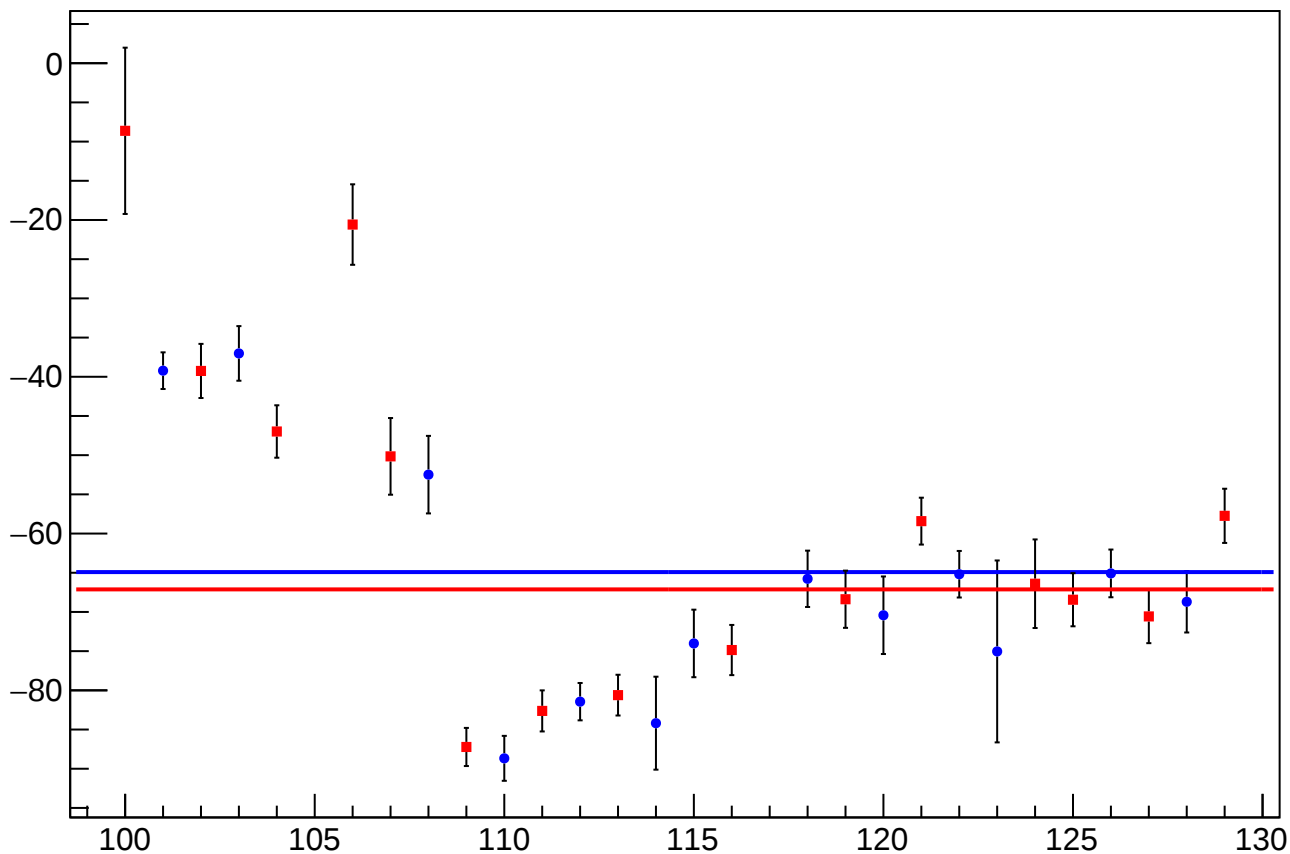
Right: -4.317+/-0.361 χ^2/NDF : 533.2/27

In: -3.265+/-0.514 χ^2/NDF : 256.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.317+/-0.361 χ^2/NDF : 533.2/27

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -64.915 $\pm$ 0.954 χ^2 /NDF: 326.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -67.123 $\pm$ 0.878 χ^2 /NDF: 379.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

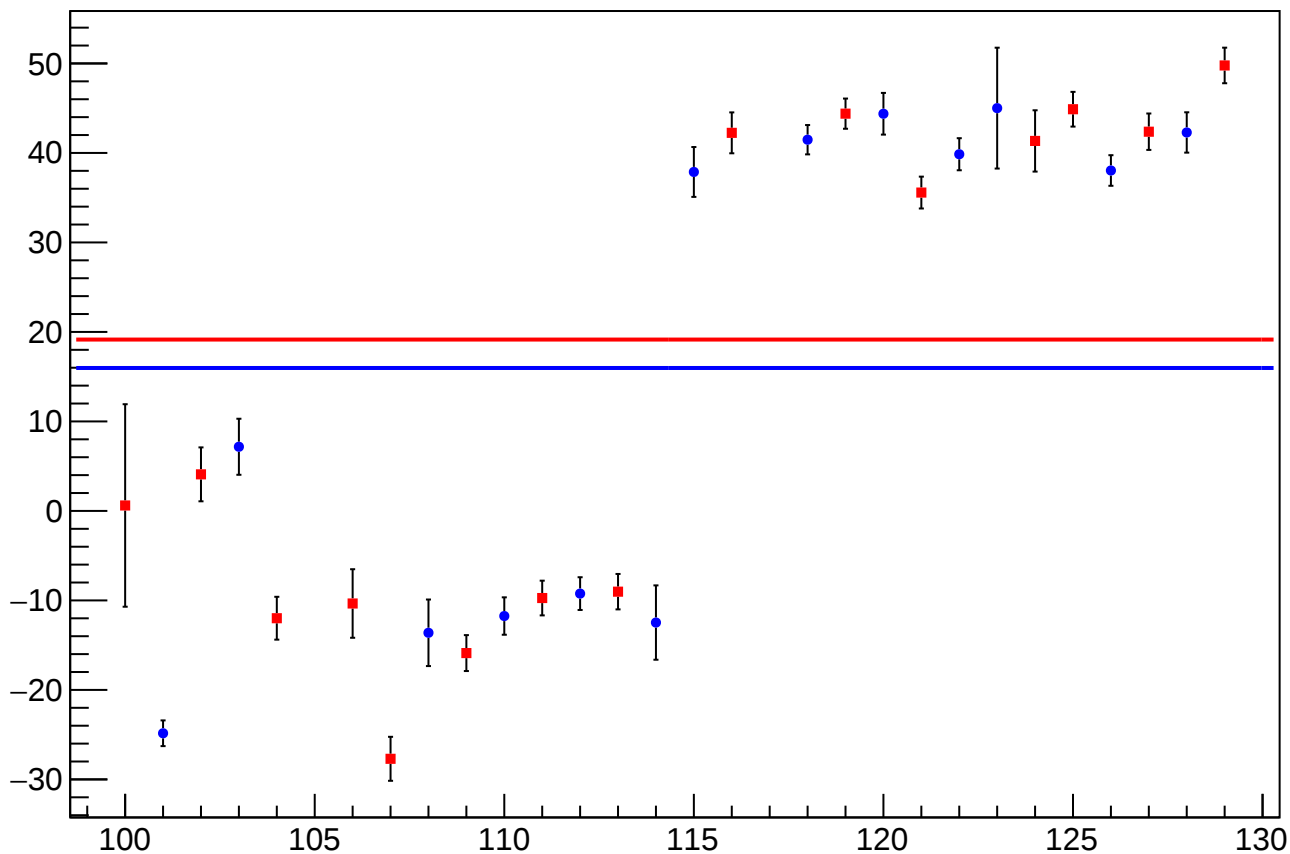
Right: -66.110 $\pm$ 0.646 χ^2 /NDF: 708.2/27

In: -64.915 $\pm$ 0.954 χ^2 /NDF:326.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -66.110 $\pm$ 0.646 χ^2 /NDF: 708.2/27

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.972+/-0.597 χ^2 /NDF: 2243.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 19.147+/-0.577 χ^2 /NDF: 2345.7/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

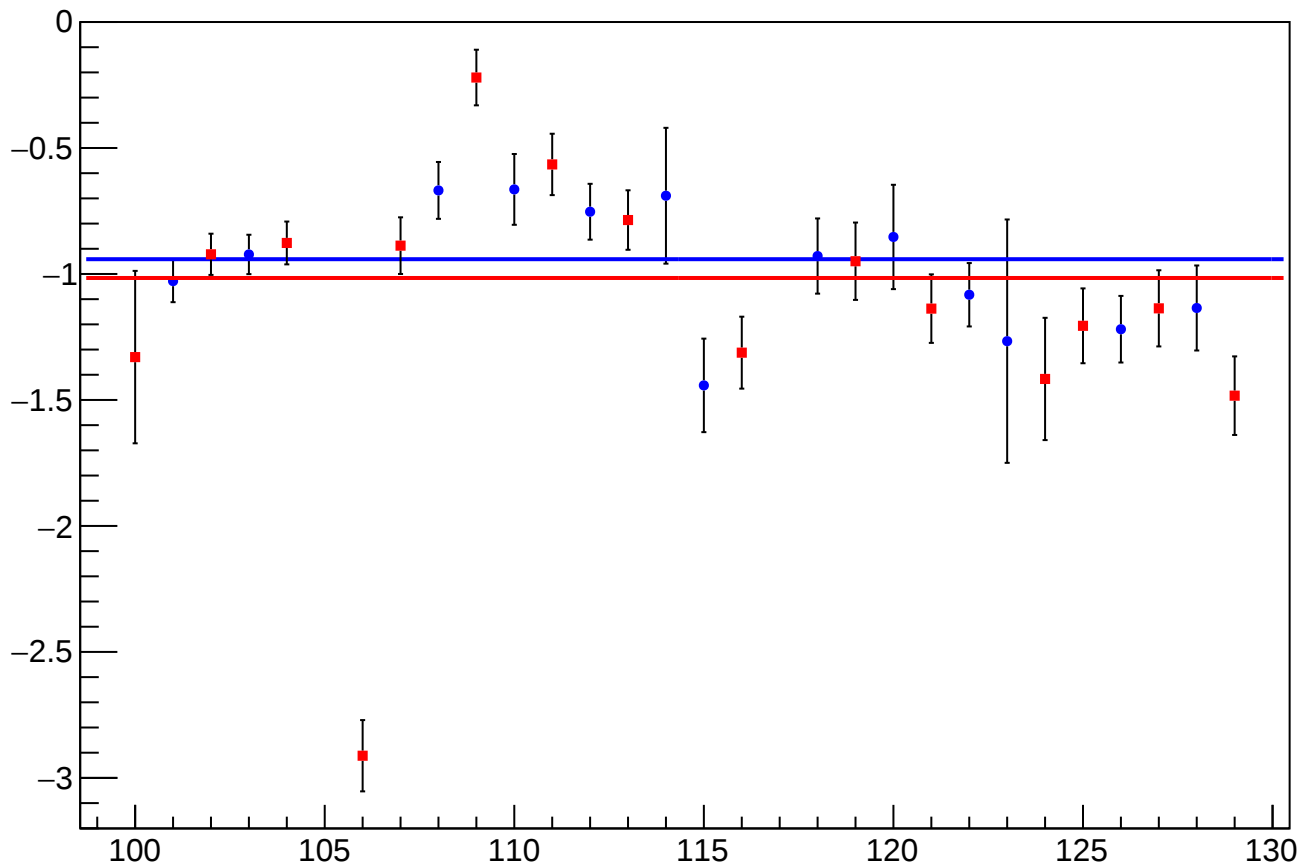
Right: 17.614+/-0.415 χ^2 /NDF: 4603.5/27

In: 15.972+/-0.597 χ^2 /NDF:2243.2/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 17.614+/-0.415 χ^2 /NDF: 4603.5/27

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.941 ± 0.036 χ^2/NDF : 29.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.016 ± 0.033 χ^2/NDF : 274.5/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

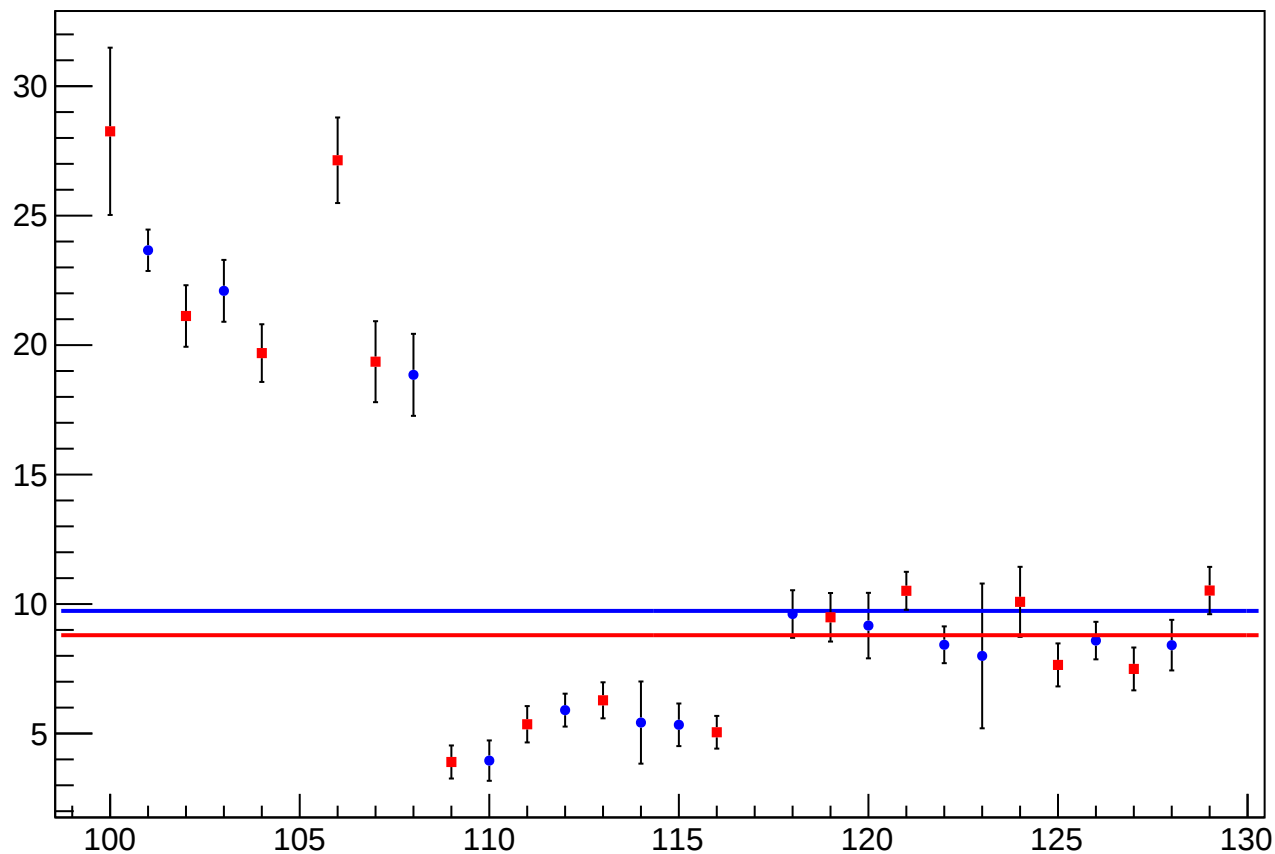
Right: -0.982 ± 0.024 χ^2/NDF : 306.5/27

In: -0.941 ± 0.036 χ^2/NDF : 29.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.982 ± 0.024 χ^2/NDF : 306.5/27

reg_asym_sam_1357_2468_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 9.735+/-0.254 χ^2/NDF : 579.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.797+/-0.229 χ^2/NDF : 554.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

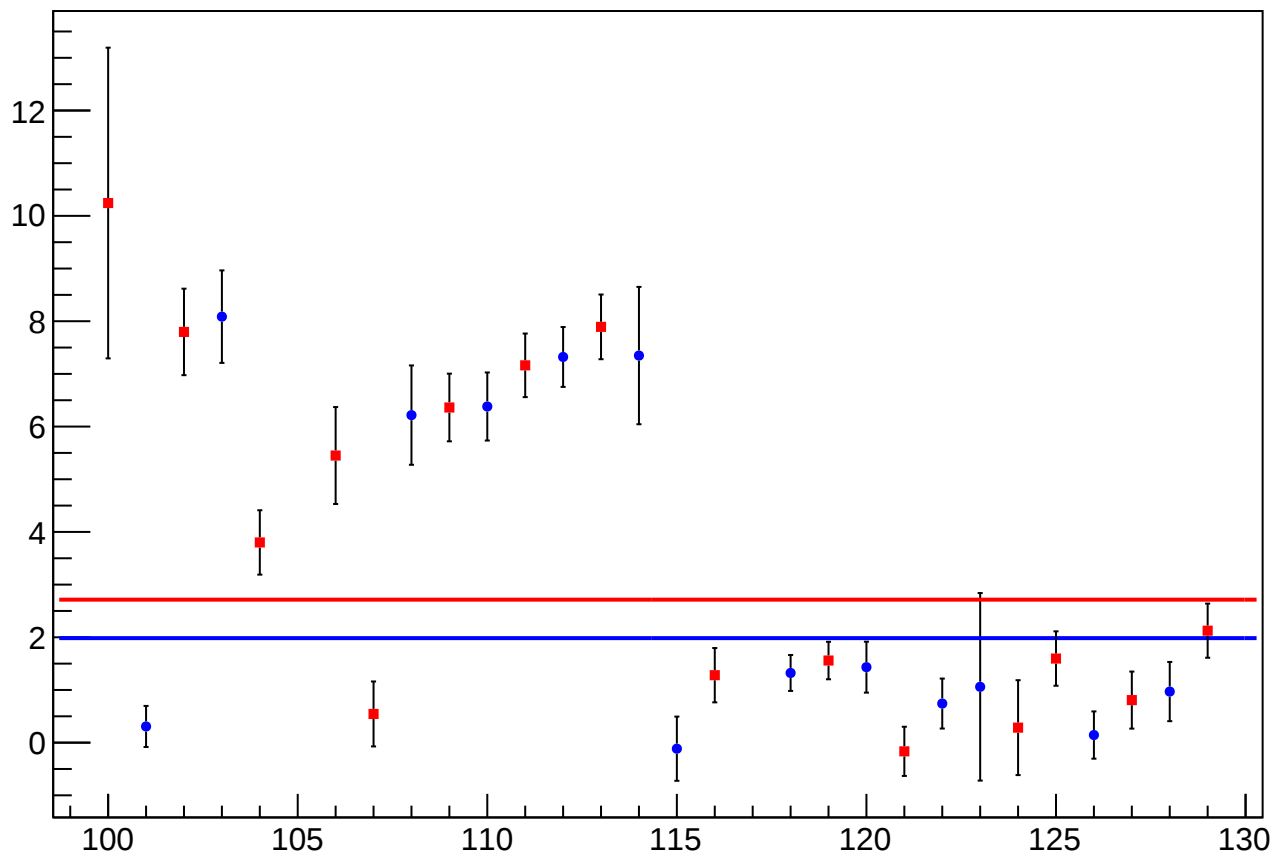
Right: 9.217+/-0.170 χ^2/NDF : 1141.3/27

In: 9.735+/-0.254 χ^2/NDF : 579.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.217+/-0.170 χ^2/NDF : 1141.3/27

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.984 $\pm$ 0.152 χ^2 /NDF: 282.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.714 $\pm$ 0.150 χ^2 /NDF: 308.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

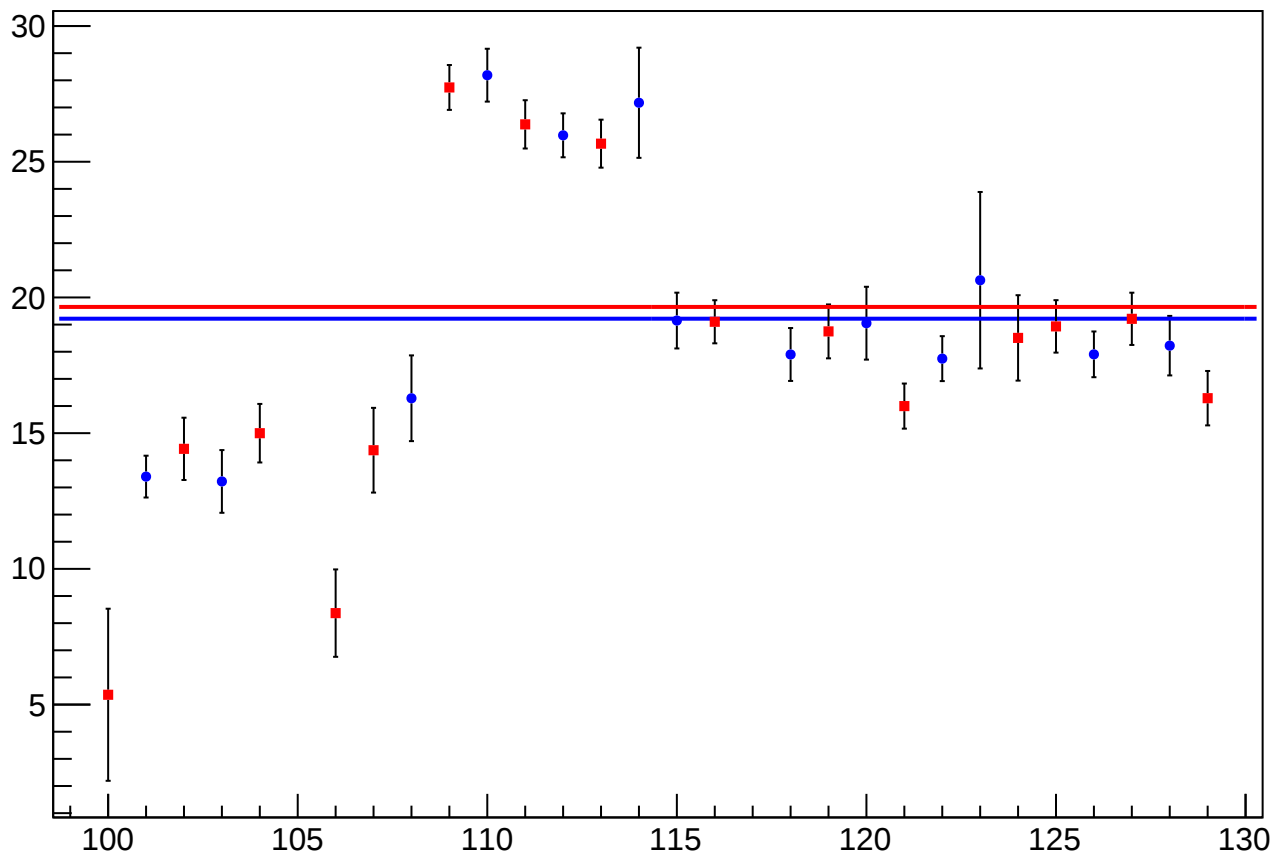
Right: 2.352 $\pm$ 0.107 χ^2 /NDF: 603.2/27

In: 1.984 $\pm$ 0.152 χ^2 /NDF:282.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.352 $\pm$ 0.107 χ^2 /NDF: 603.2/27

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 19.217+/-0.289 χ^2/NDF : 265.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.651+/-0.266 χ^2/NDF : 352.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

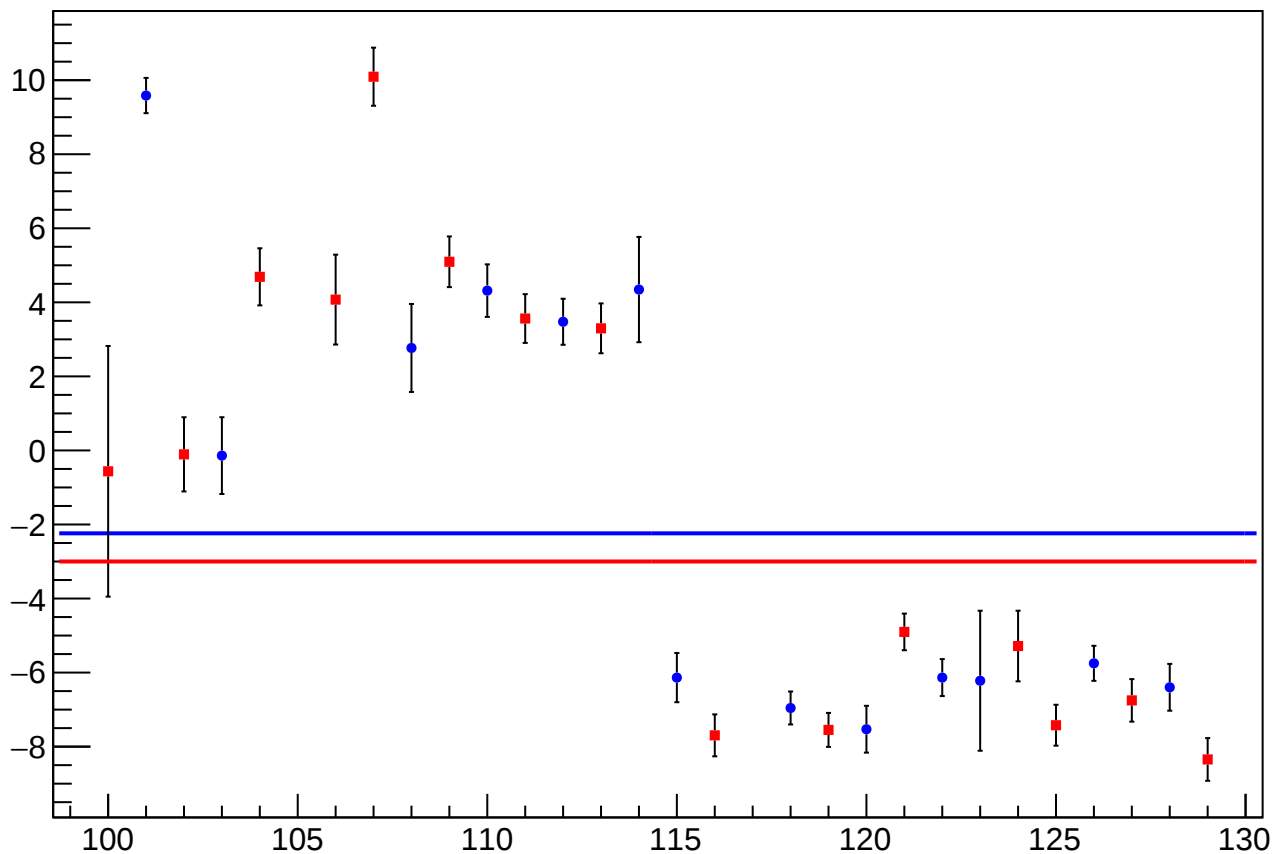
Right: 19.452+/-0.196 χ^2/NDF : 619.6/27

In: 19.217+/-0.289 χ^2/NDF : 265.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.452+/-0.196 χ^2/NDF : 619.6/27

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.239+/-0.176 χ^2/NDF : 1210.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.999+/-0.171 χ^2/NDF : 1127.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

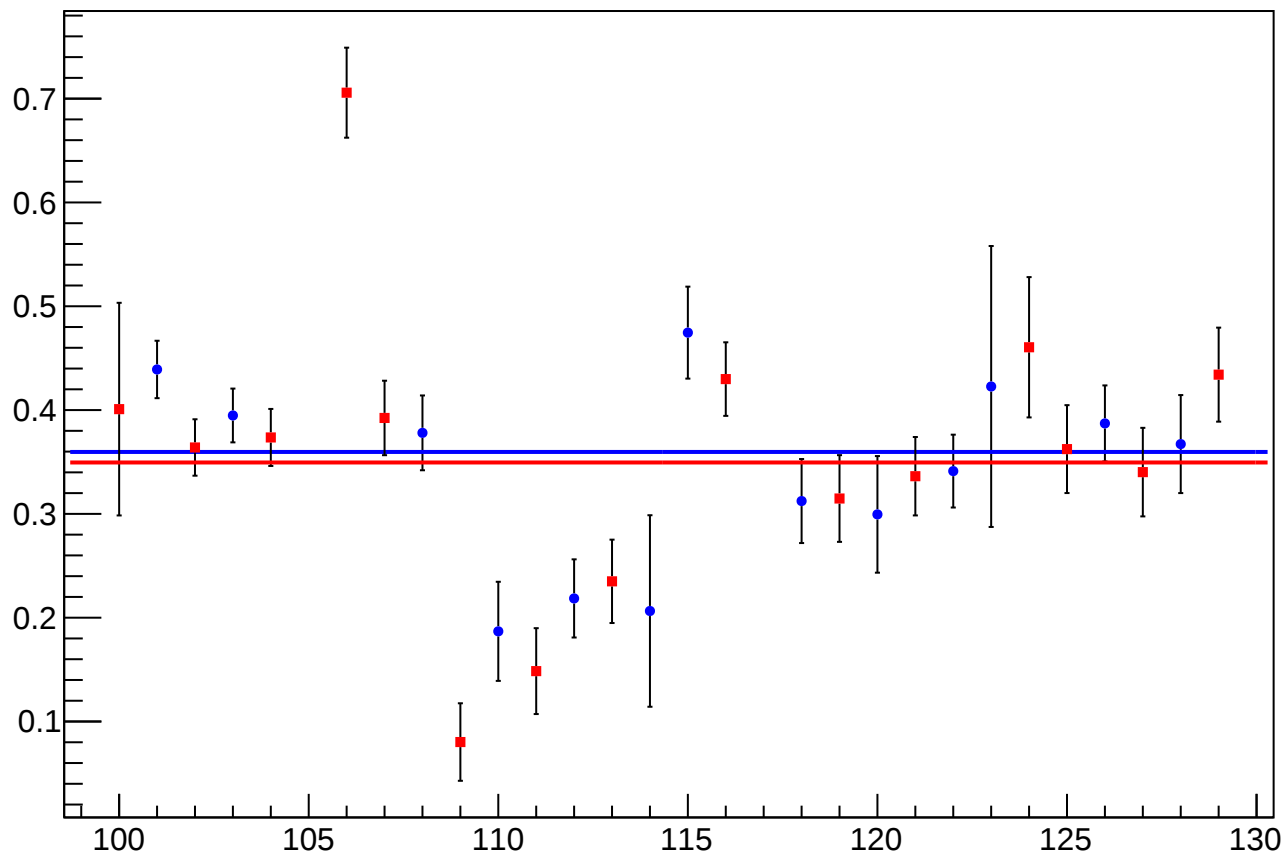
Right: -2.630+/-0.123 χ^2/NDF : 2347.4/27

In: -2.239+/-0.176 χ^2/NDF : 1210.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.630+/-0.123 χ^2/NDF : 2347.4/27

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.360+/-0.011 χ^2/NDF : 50.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.350+/-0.010 χ^2/NDF : 166.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

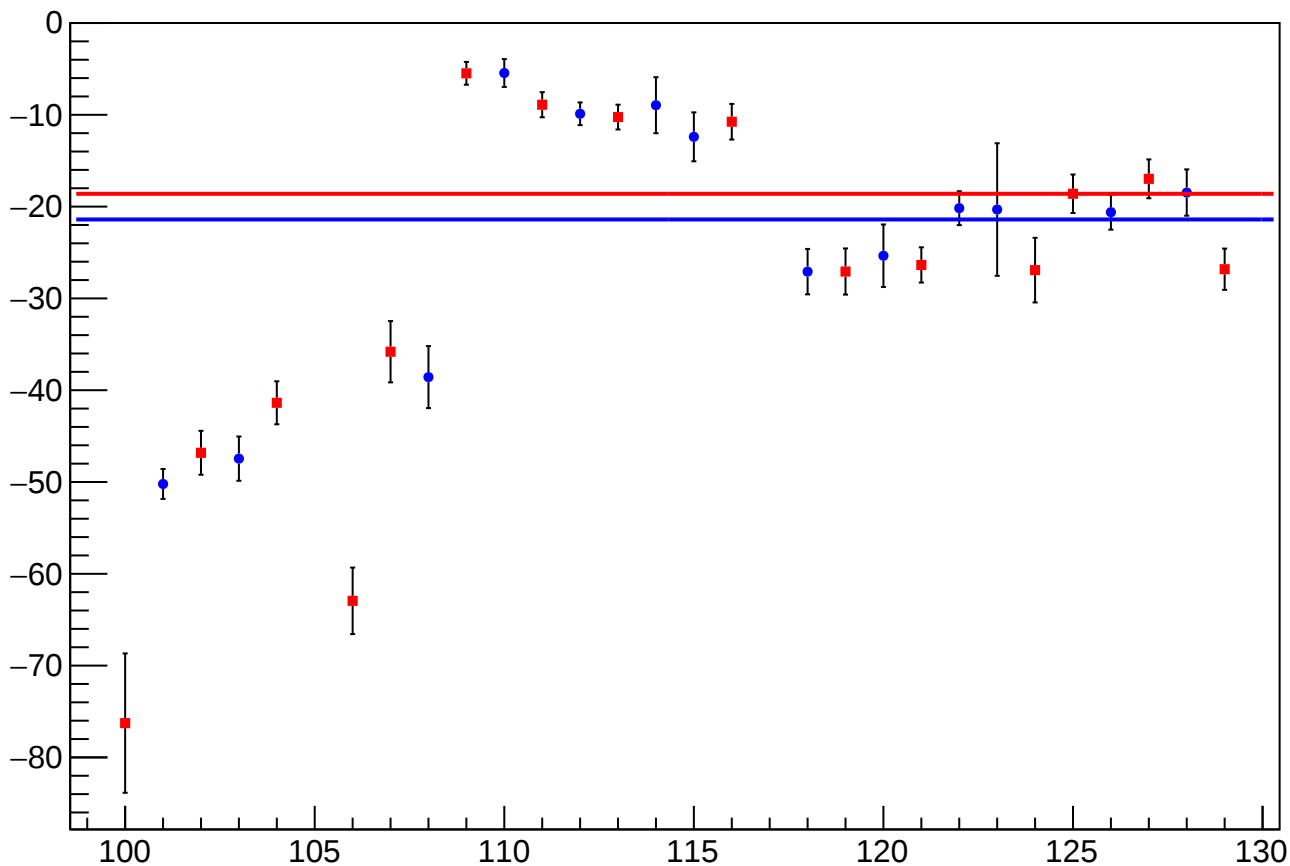
Right: 0.354+/-0.007 χ^2/NDF : 217.3/27

In: 0.360+/-0.011 χ^2/NDF : 50.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.354+/-0.007 χ^2/NDF : 217.3/27

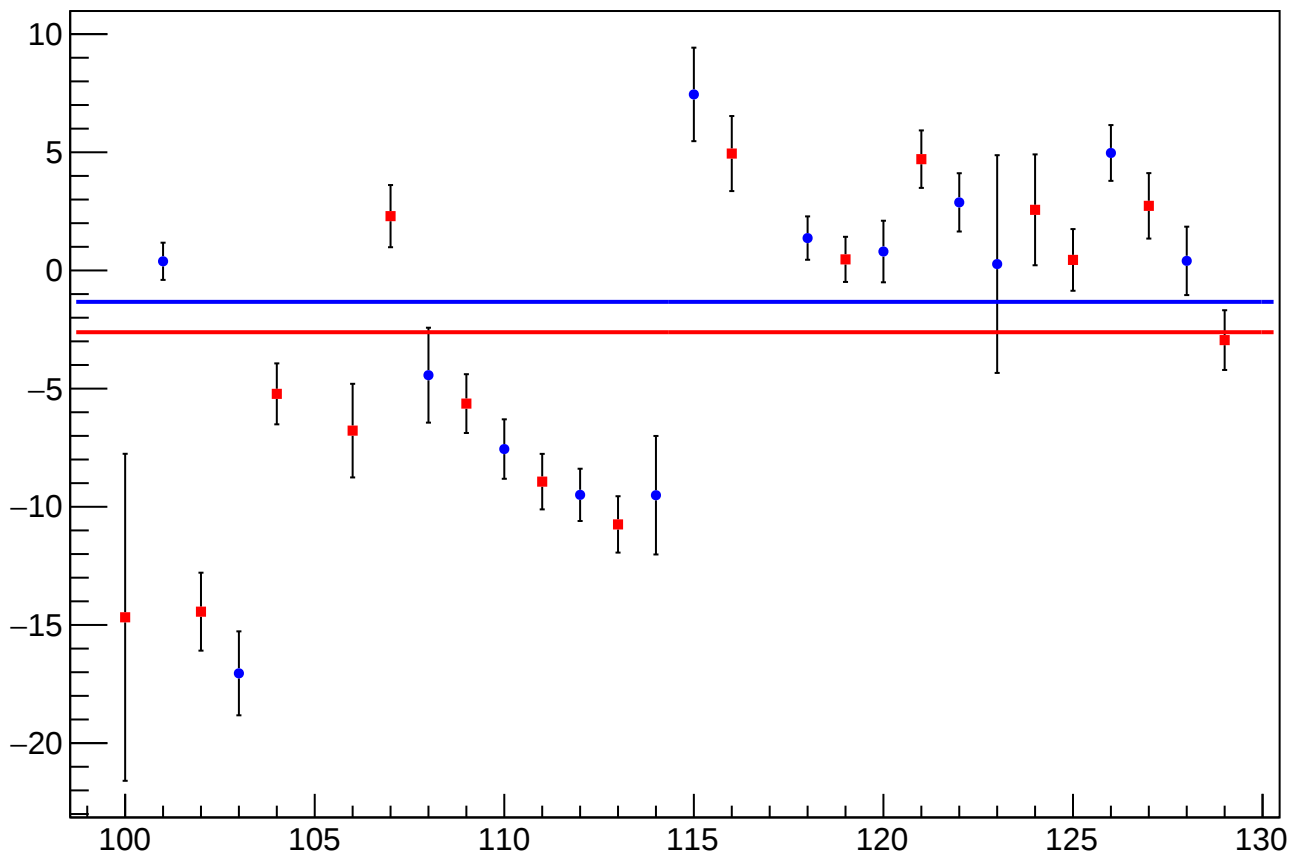
reg_asym_sam_12345678_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -21.401 $\pm$ 0.581 χ^2 /NDF: 689.3/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -18.604 $\pm$ 0.520 χ^2 /NDF: 731.6/14
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -19.849 $\pm$ 0.387 χ^2 /NDF: 1433.8/27
 In: -21.401 $\pm$ 0.581 χ^2 /NDF:689.3/12
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -19.849 $\pm$ 0.387 χ^2 /NDF: 1433.8/27

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.329 $\pm$ 0.360 χ^2 /NDF: 247.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.613 $\pm$ 0.354 χ^2 /NDF: 252.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

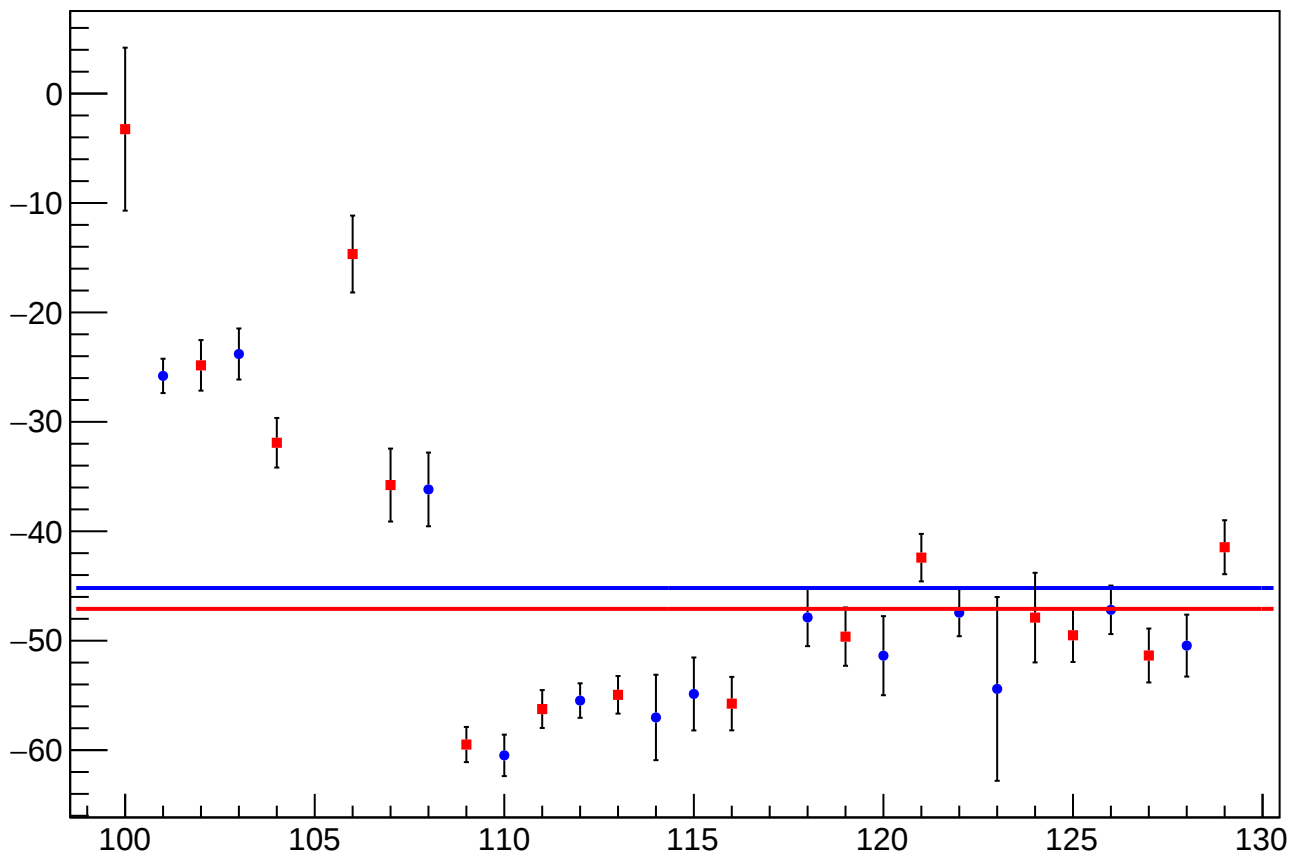
Right: -1.982 $\pm$ 0.252 χ^2 /NDF: 507.3/27

In: -1.329 $\pm$ 0.360 χ^2 /NDF:247.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.982 $\pm$ 0.252 χ^2 /NDF: 507.3/27

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.185 ± 0.660 χ^2/NDF : 379.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -47.090 ± 0.608 χ^2/NDF : 404.7/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

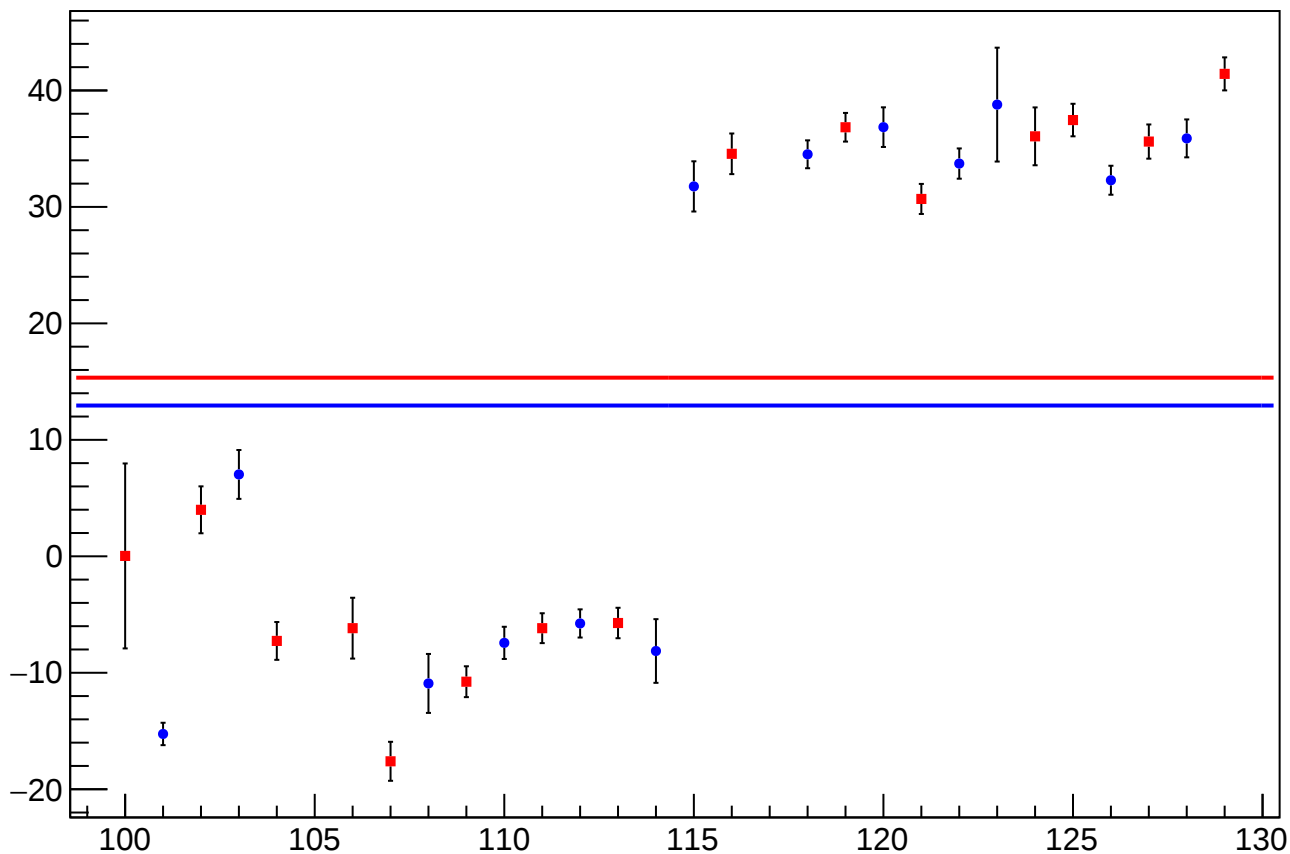
Right: -46.216 ± 0.447 χ^2/NDF : 789.0/27

In: -45.185 ± 0.660 χ^2/NDF : 379.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -46.216 ± 0.447 χ^2/NDF : 789.0/27

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.946+/-0.418 χ^2/NDF : 2795.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.338+/-0.404 χ^2/NDF : 3030.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

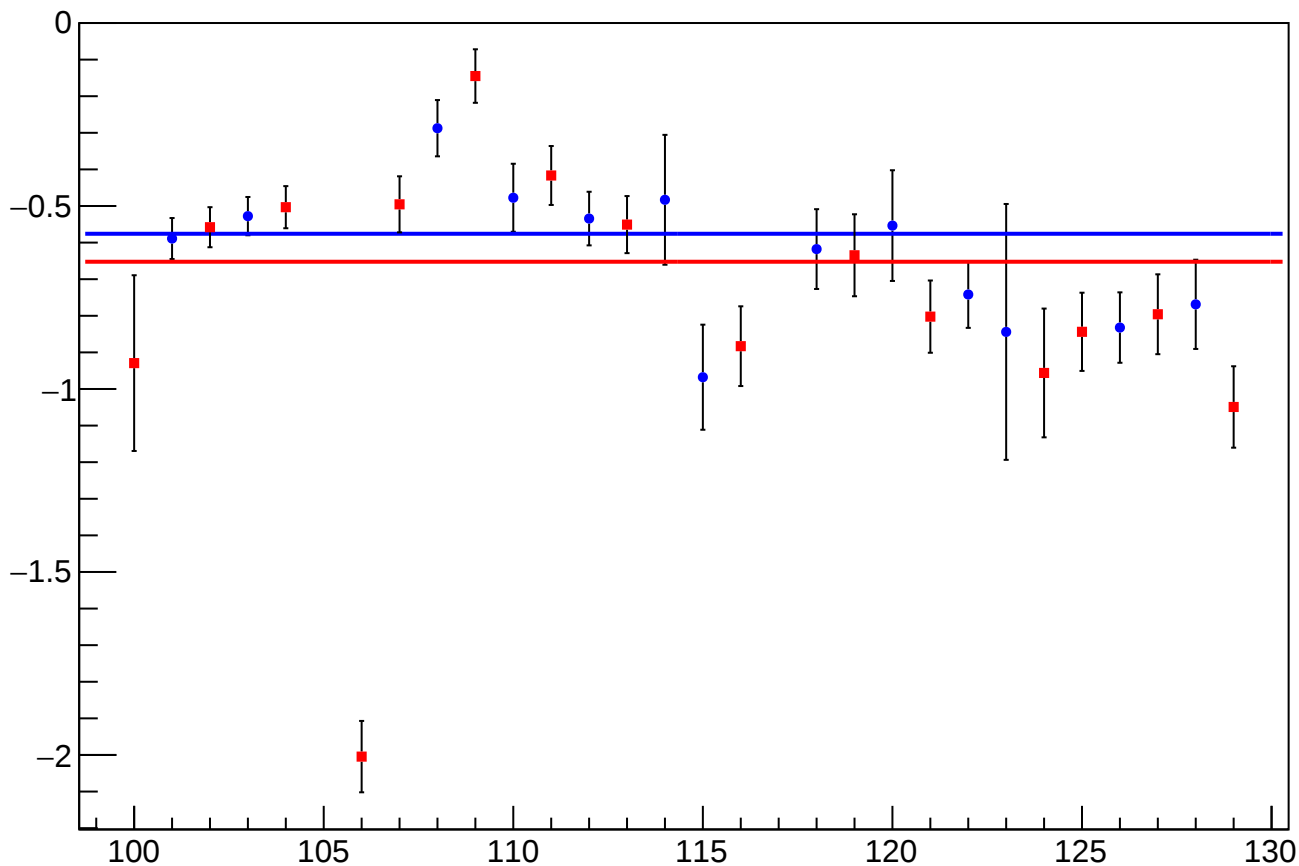
Right: 14.184+/-0.290 χ^2/NDF : 5843.3/27

In: 12.946+/-0.418 χ^2/NDF : 2795.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.184+/-0.290 χ^2/NDF : 5843.3/27

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.576+/-0.024 χ^2/NDF : 37.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.652+/-0.022 χ^2/NDF : 293.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

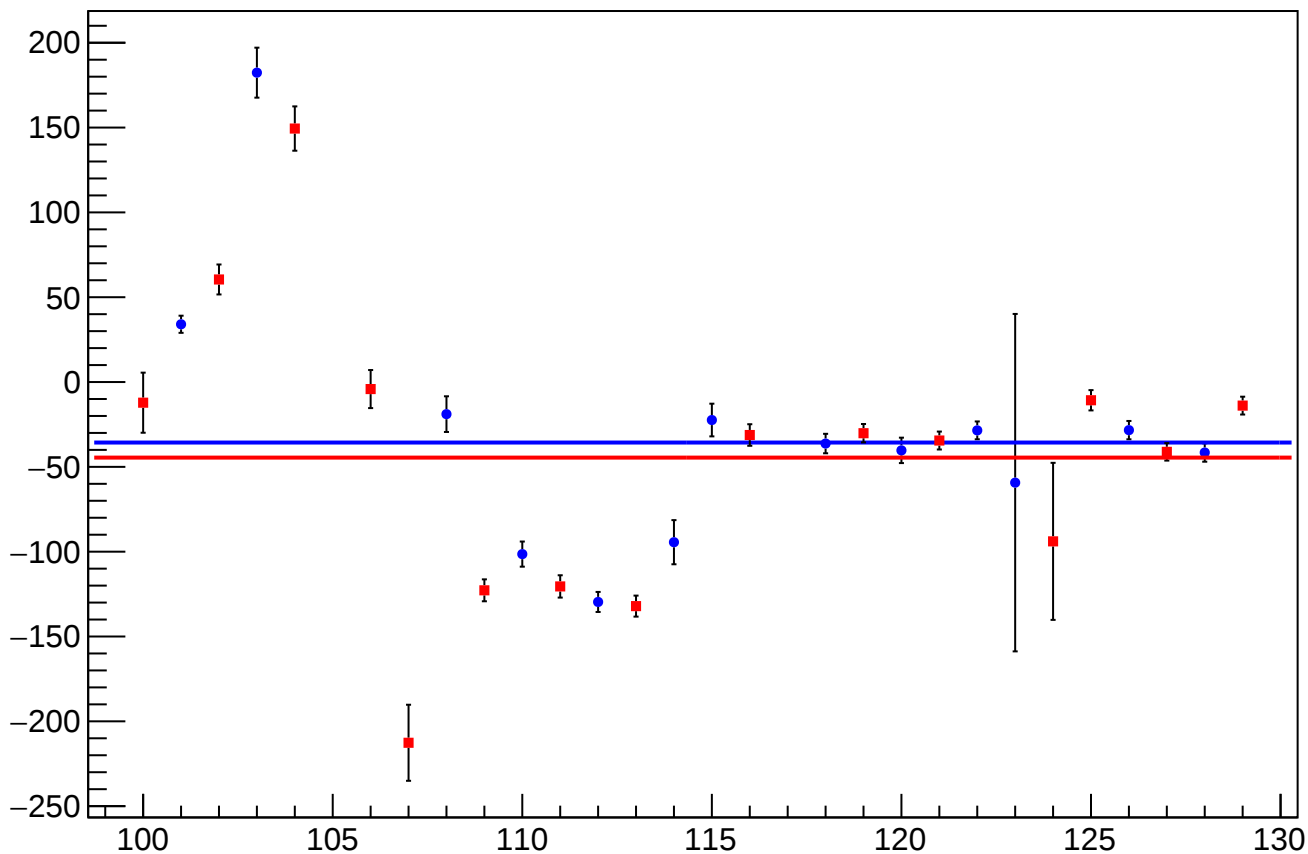
Right: -0.617+/-0.017 χ^2/NDF : 336.5/27

In: -0.576+/-0.024 χ^2/NDF : 37.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.617+/-0.017 χ^2/NDF : 336.5/27

reg_asym_atl1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -35.665+/-1.927 χ^2/NDF : 771.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -44.545+/-1.821 χ^2/NDF : 996.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

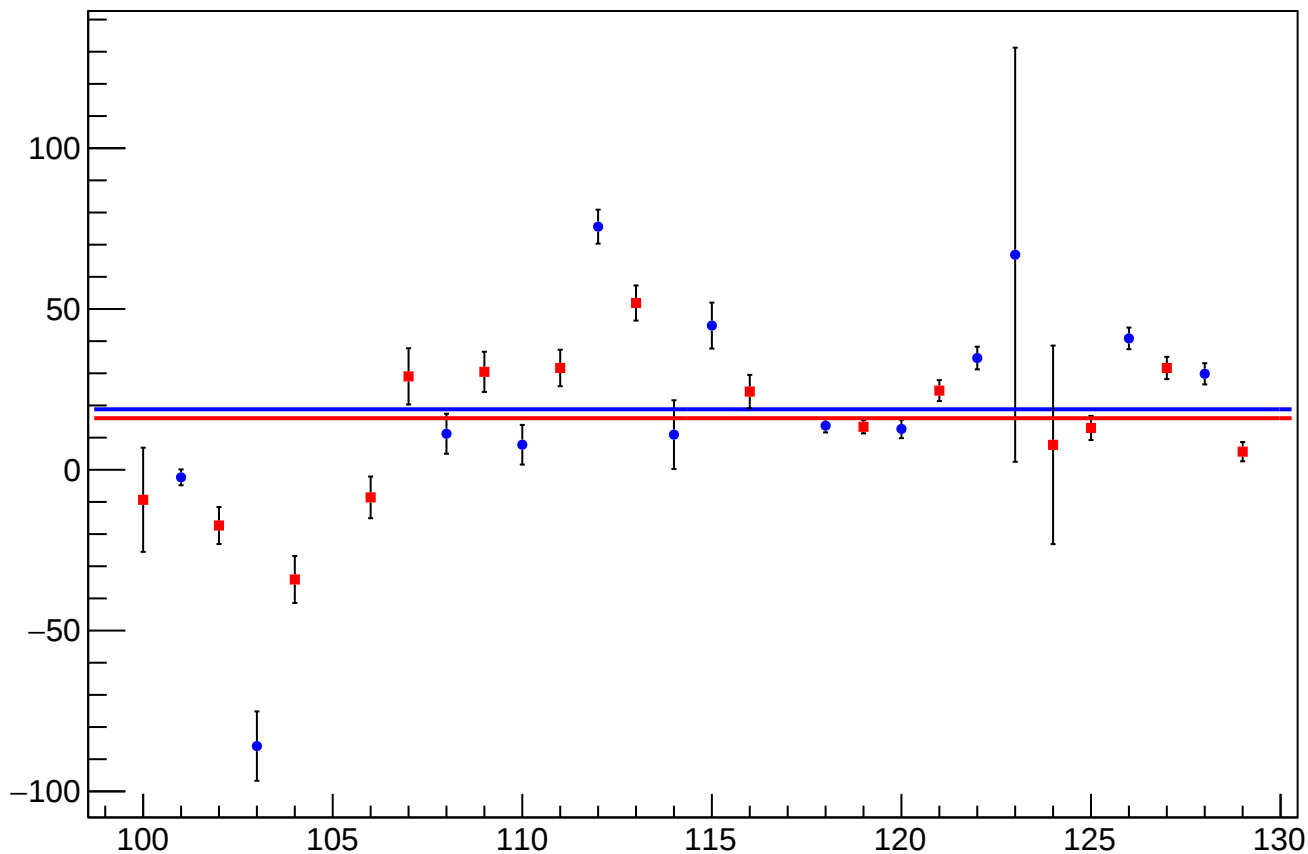
Right: -40.357+/-1.323 χ^2/NDF : 1779.1/27

In: -35.665+/-1.927 χ^2/NDF : 771.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.357+/-1.323 χ^2/NDF : 1779.1/27

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.807 $\pm$ 1.057 χ^2 /NDF: 387.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.036 $\pm$ 1.108 χ^2 /NDF: 199.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

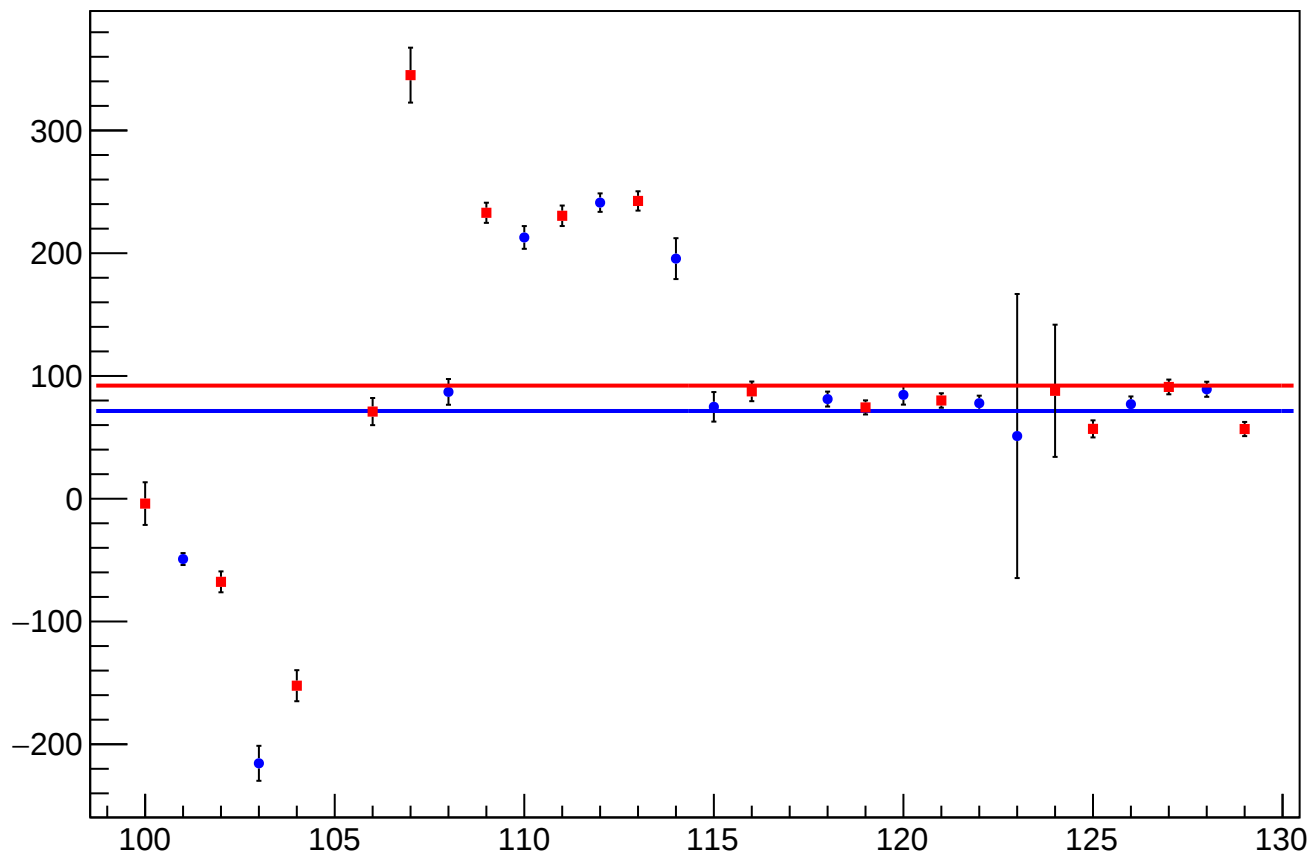
Right: 17.488 $\pm$ 0.765 χ^2 /NDF: 590.7/27

In: 18.807 $\pm$ 1.057 χ^2 /NDF: 387.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.488 $\pm$ 0.765 χ^2 /NDF: 590.7/27

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 71.477+/-2.144 χ^2 /NDF: 1834.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 92.156+/-2.075 χ^2 /NDF: 1899.1/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

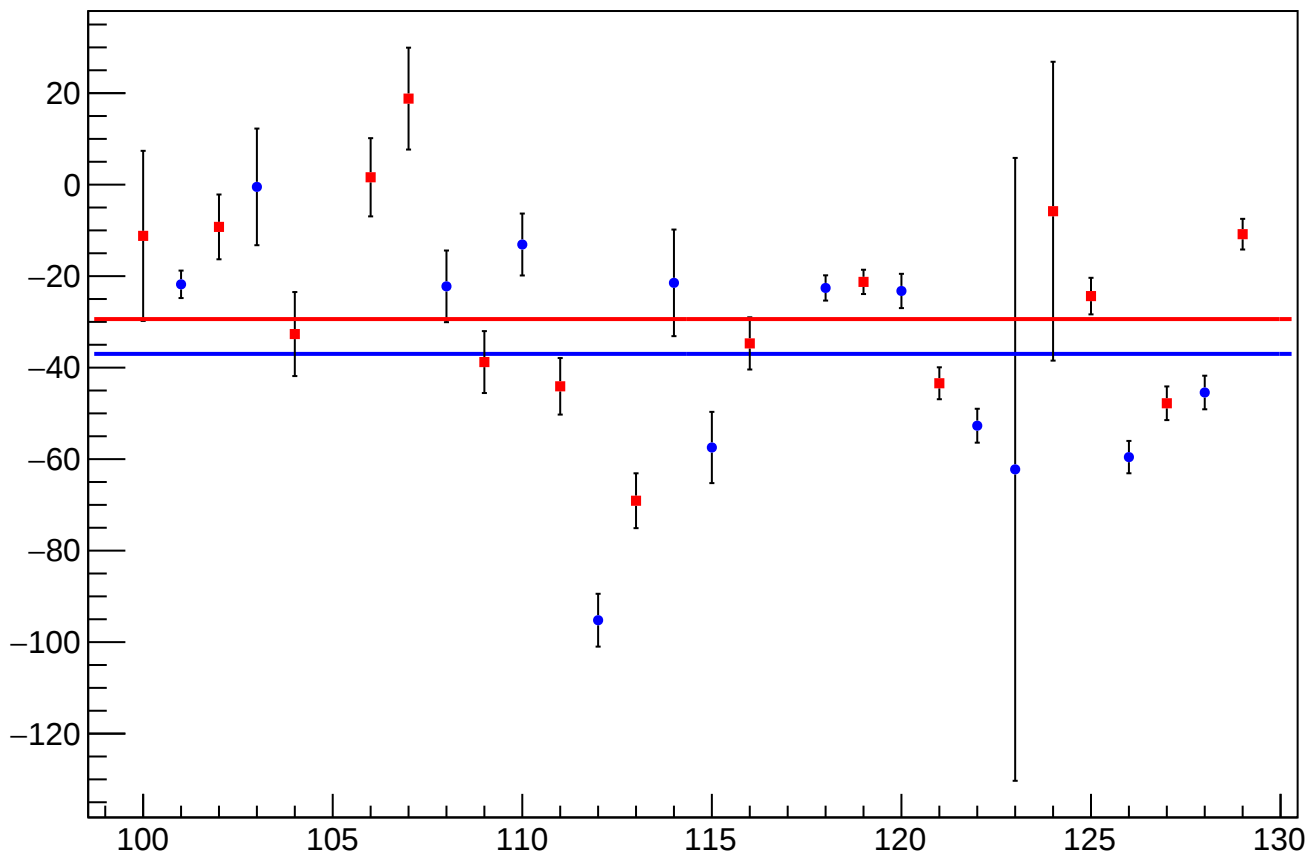
Right: 82.155+/-1.491 χ^2 /NDF: 3782.0/27

In: 71.477+/-2.144 χ^2 /NDF:1834.9/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 82.155+/-1.491 χ^2 /NDF: 3782.0/27

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -36.994 ± 1.251 χ^2/NDF : 265.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -29.384 ± 1.277 χ^2/NDF : 176.7/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

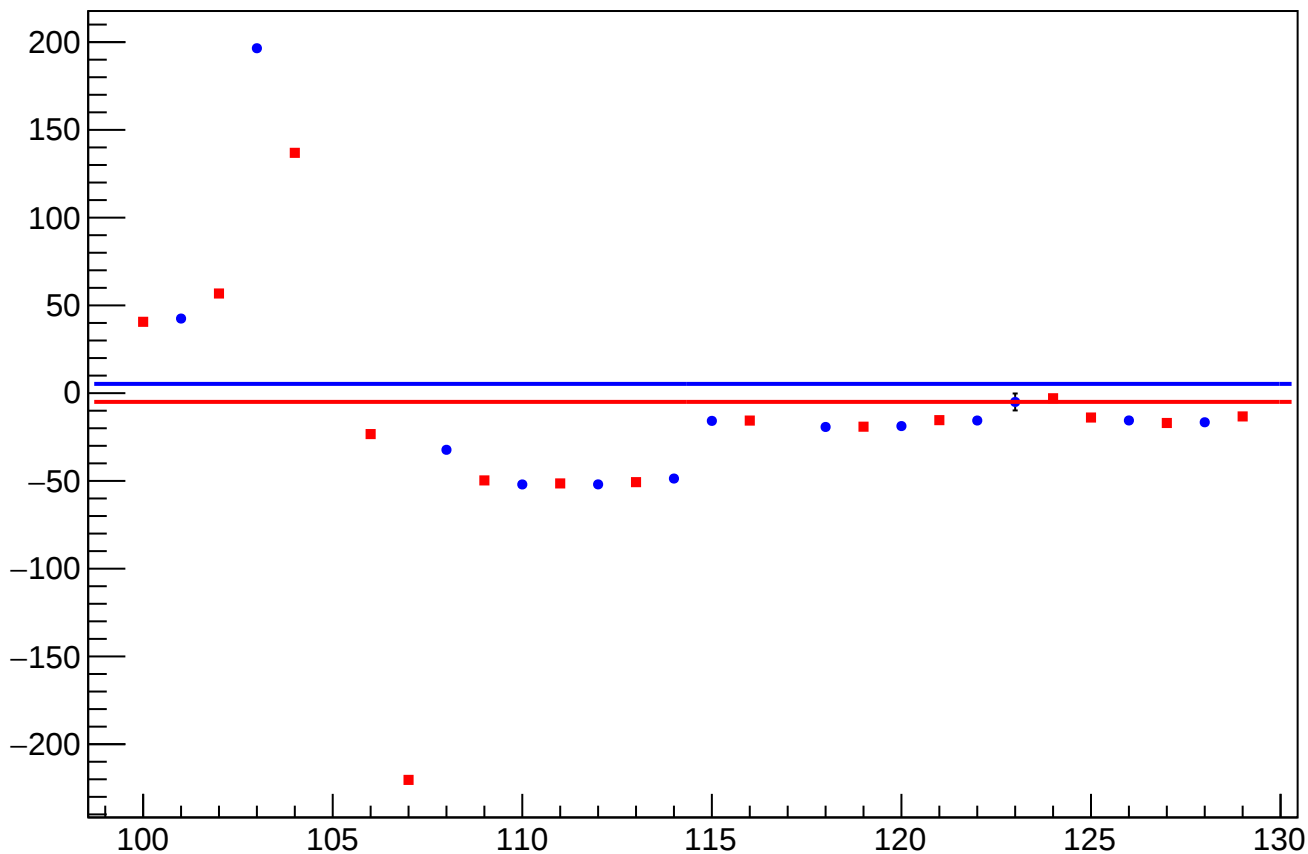
Right: -33.266 ± 0.894 χ^2/NDF : 459.8/27

In: -36.994 ± 1.251 χ^2/NDF : 265.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -33.266 ± 0.894 χ^2/NDF : 459.8/27

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 5.281+/-0.083 χ^2/NDF : 511842.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.970+/-0.080 χ^2/NDF : 529316.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

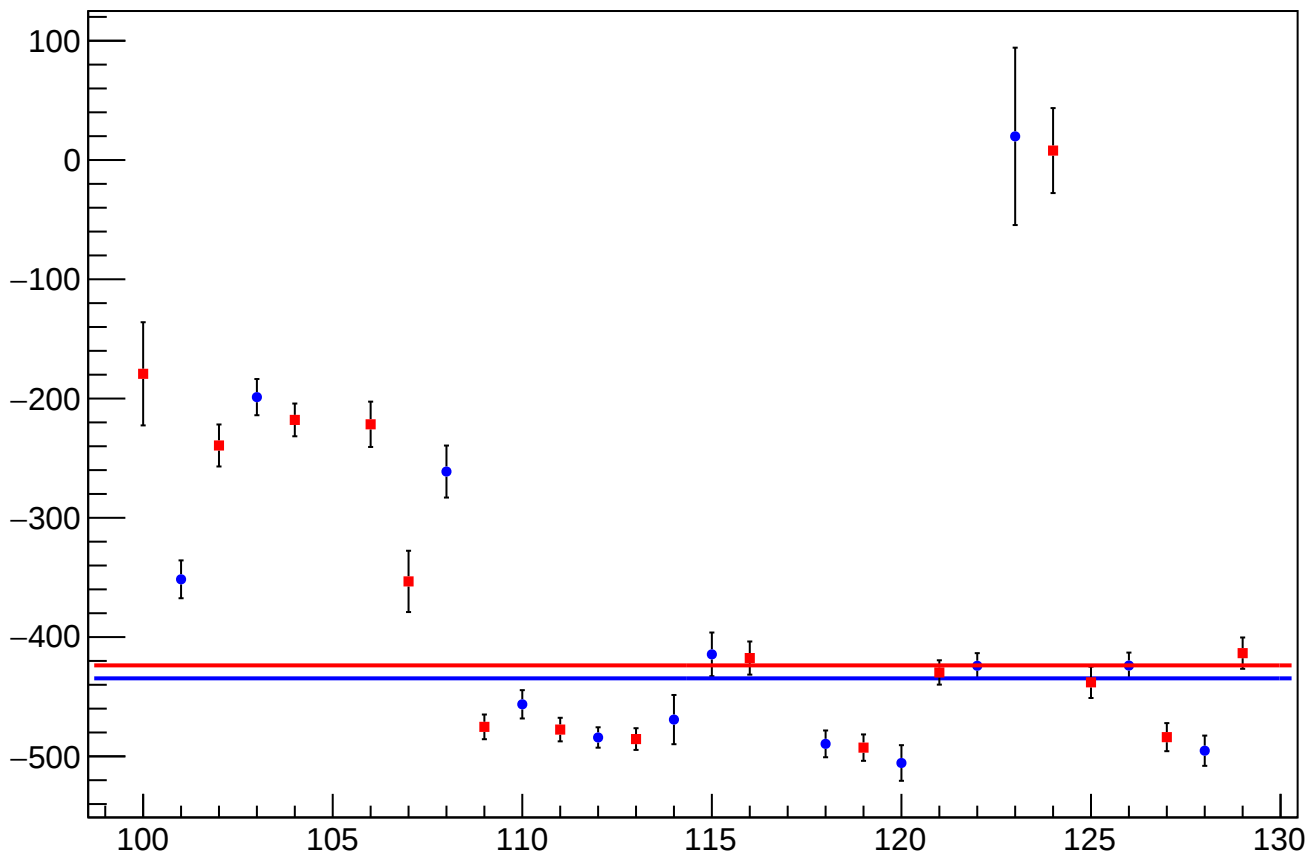
Right: 0.007+/-0.058 χ^2/NDF : 1049053.9/27

In: 5.281+/-0.083 χ^2/NDF :511842.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.058 χ^2/NDF : 1049053.9/27

reg_asym_atl2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -434.606+/-3.710 χ^2/NDF : 481.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -423.734+/-3.380 χ^2/NDF : 801.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

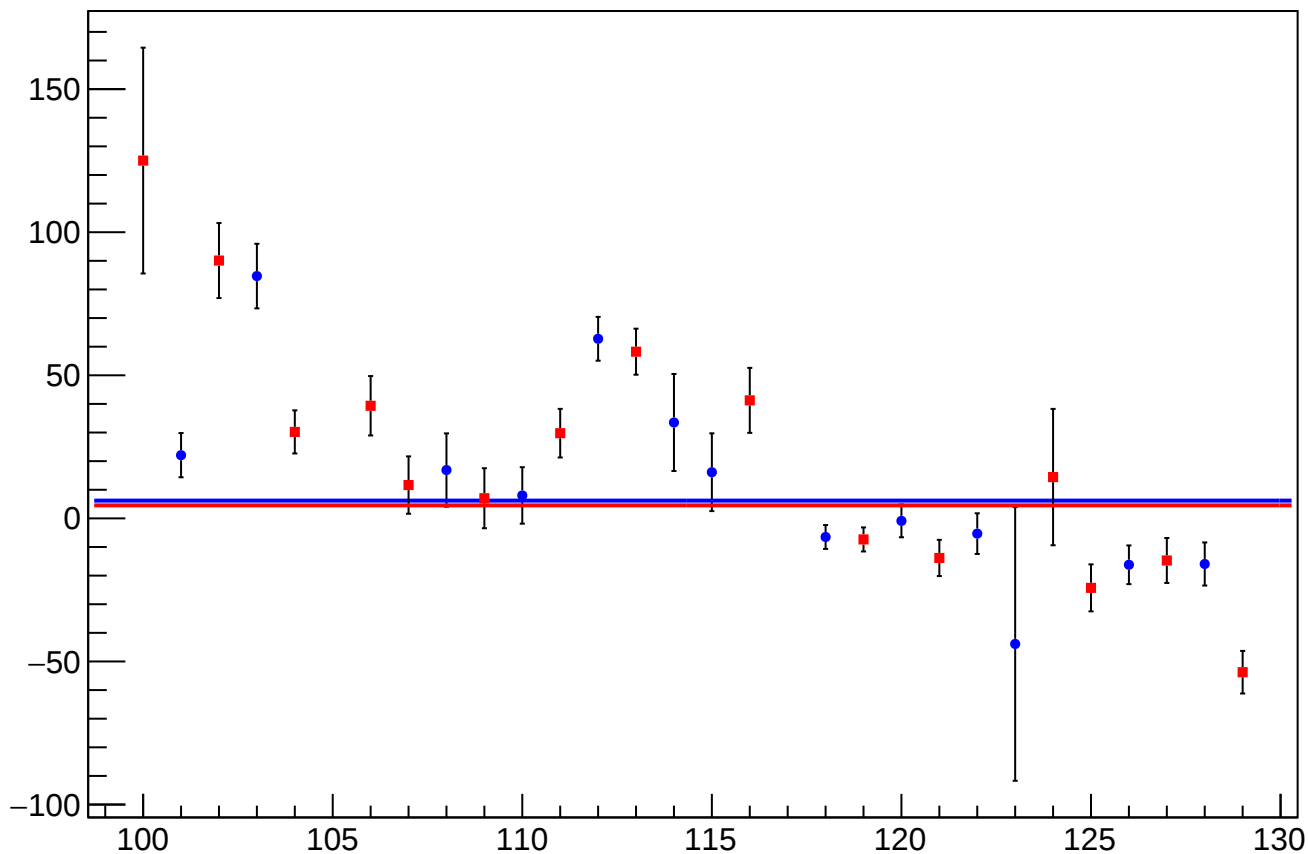
Right: -428.664+/-2.499 χ^2/NDF : 1287.9/27

In: -434.606+/-3.710 χ^2/NDF : 481.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -428.664+/-2.499 χ^2/NDF : 1287.9/27

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.210+/-2.158 χ^2/NDF : 145.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4.548+/-2.122 χ^2/NDF : 235.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

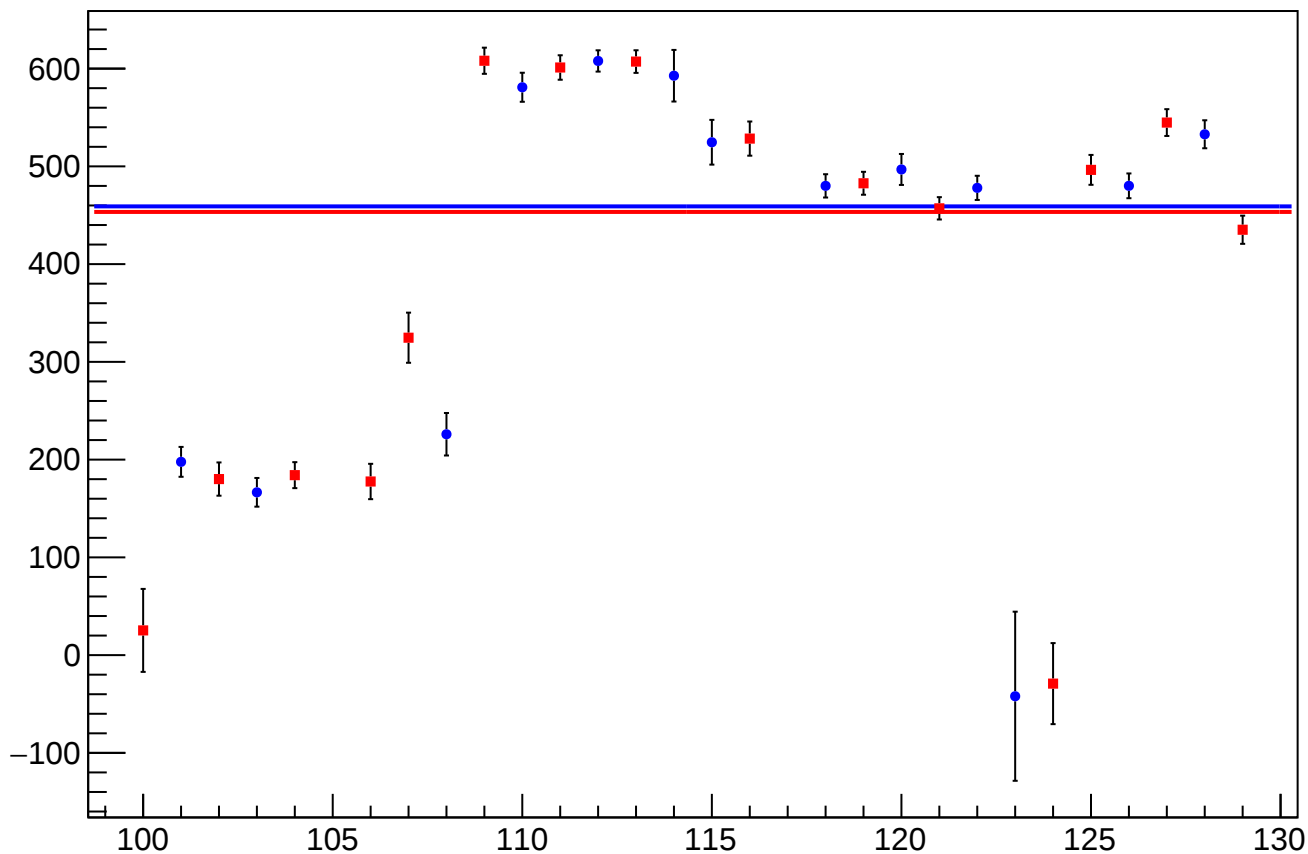
Right: 5.365+/-1.513 χ^2/NDF : 381.2/27

In: 6.210+/-2.158 χ^2/NDF :145.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 5.365+/-1.513 χ^2/NDF : 381.2/27

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 459.061+/-4.220 χ^2/NDF : 1165.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 453.382+/-3.866 χ^2/NDF : 1692.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

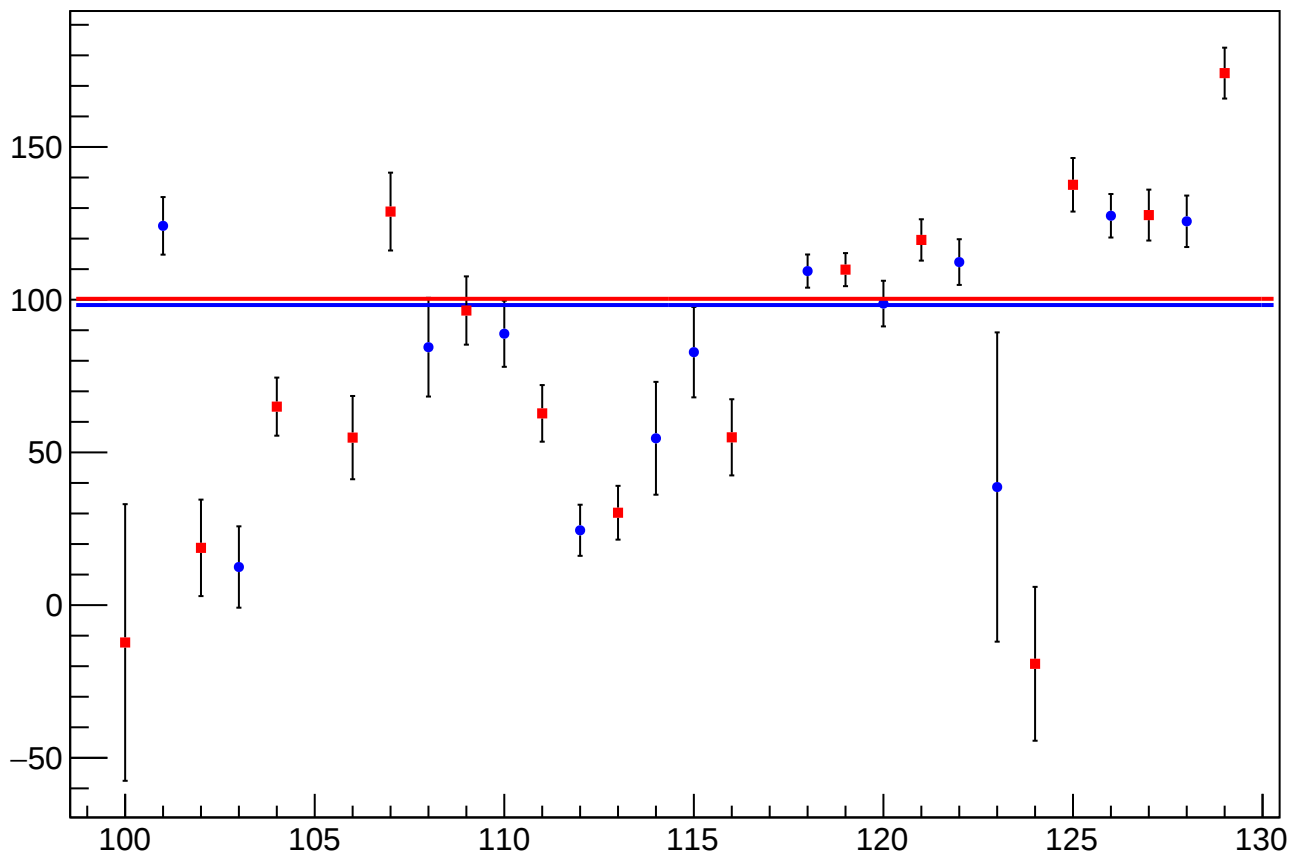
Right: 455.973+/-2.851 χ^2/NDF : 2859.0/27

In: 459.061+/-4.220 χ^2/NDF : 1165.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 455.973+/-2.851 χ^2/NDF : 2859.0/27

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 98.248+/-2.541 χ^2 /NDF: 171.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 100.288+/-2.459 χ^2 /NDF: 297.0/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

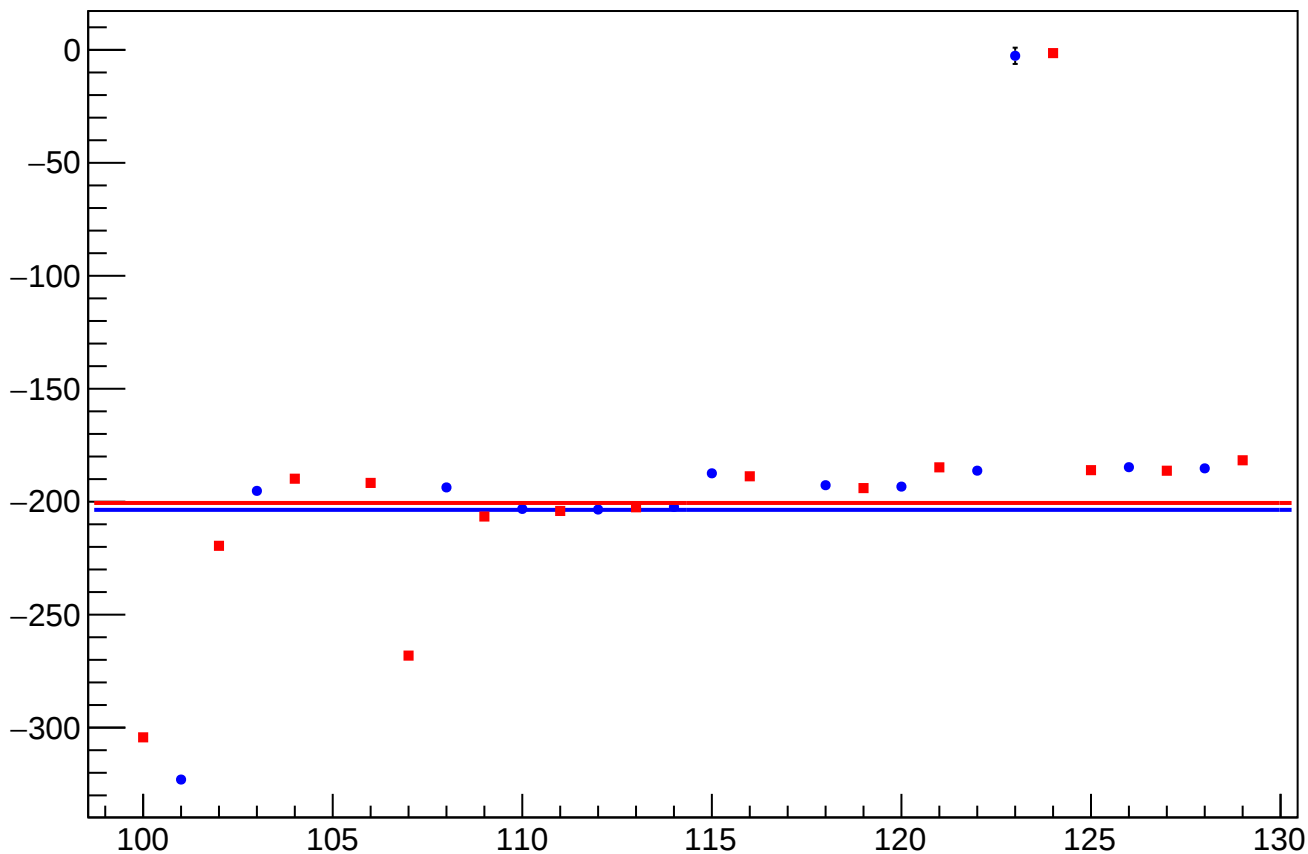
Right: 99.302+/-1.767 χ^2 /NDF: 468.8/27

In: 98.248+/-2.541 χ^2 /NDF:171.4/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 99.302+/-1.767 χ^2 /NDF: 468.8/27

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -203.615+/-0.158 χ^2/NDF : 55309.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -200.558+/-0.144 χ^2/NDF : 38262.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

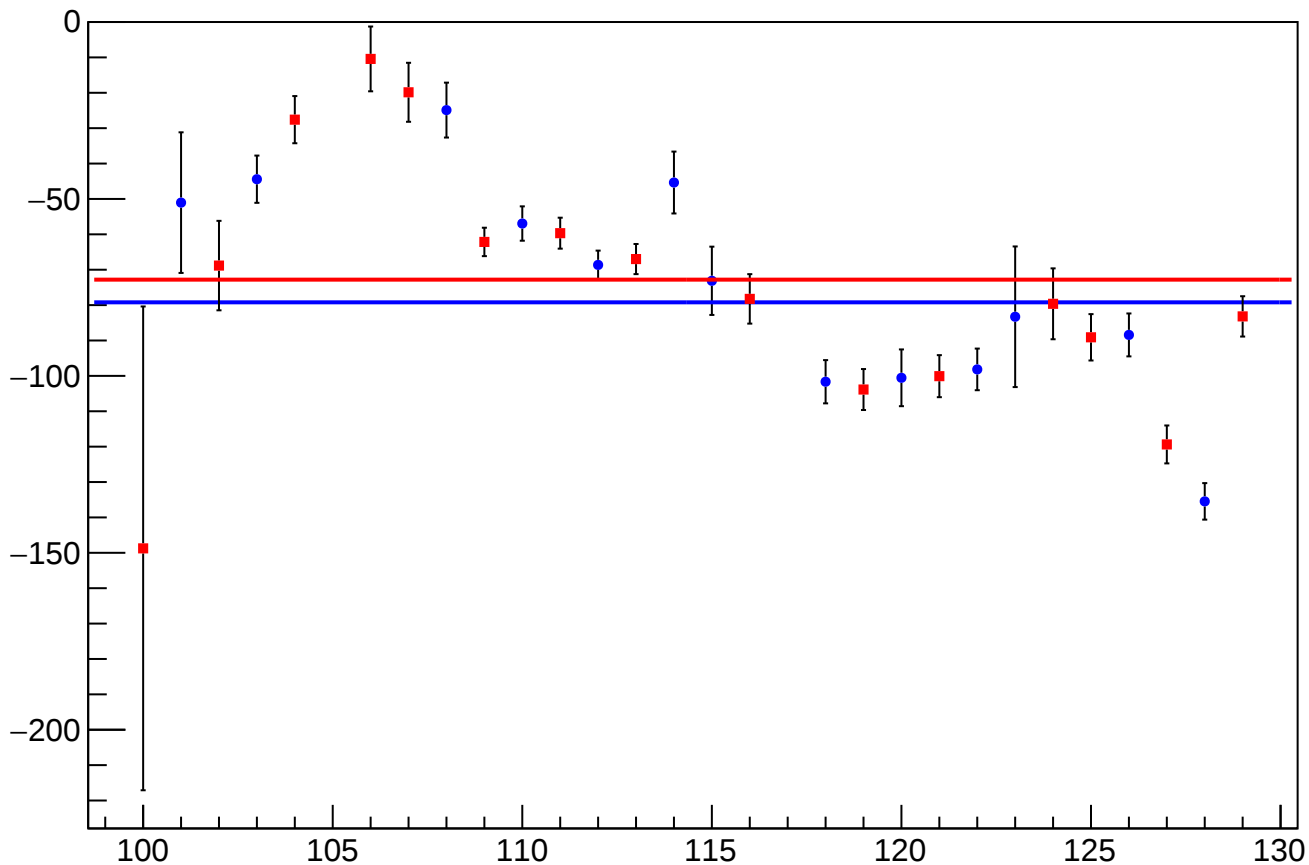
Right: -201.943+/-0.106 χ^2/NDF : 93776.8/27

In: -203.615+/-0.158 χ^2/NDF : 55309.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -201.943+/-0.106 χ^2/NDF : 93776.8/27

reg_asym_atr1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -79.216 $\pm$ 1.803 χ^2 /NDF: 273.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -72.804 $\pm$ 1.576 χ^2 /NDF: 288.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

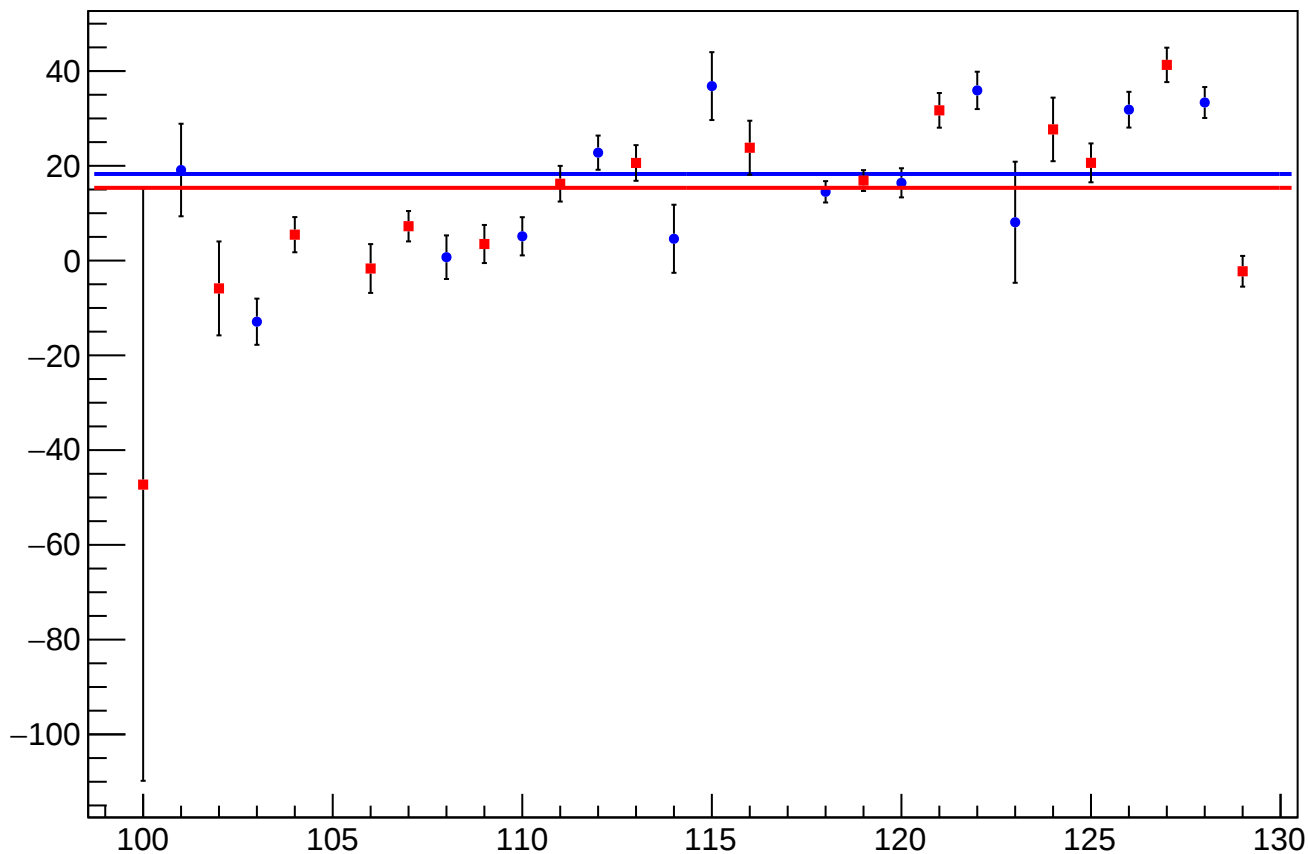
Right: -75.582 $\pm$ 1.187 χ^2 /NDF: 568.9/27

In: -79.216 $\pm$ 1.803 χ^2 /NDF:273.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -75.582 $\pm$ 1.187 χ^2 /NDF: 568.9/27

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.278+/-1.108 χ^2/NDF : 136.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.353+/-1.007 χ^2/NDF : 148.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

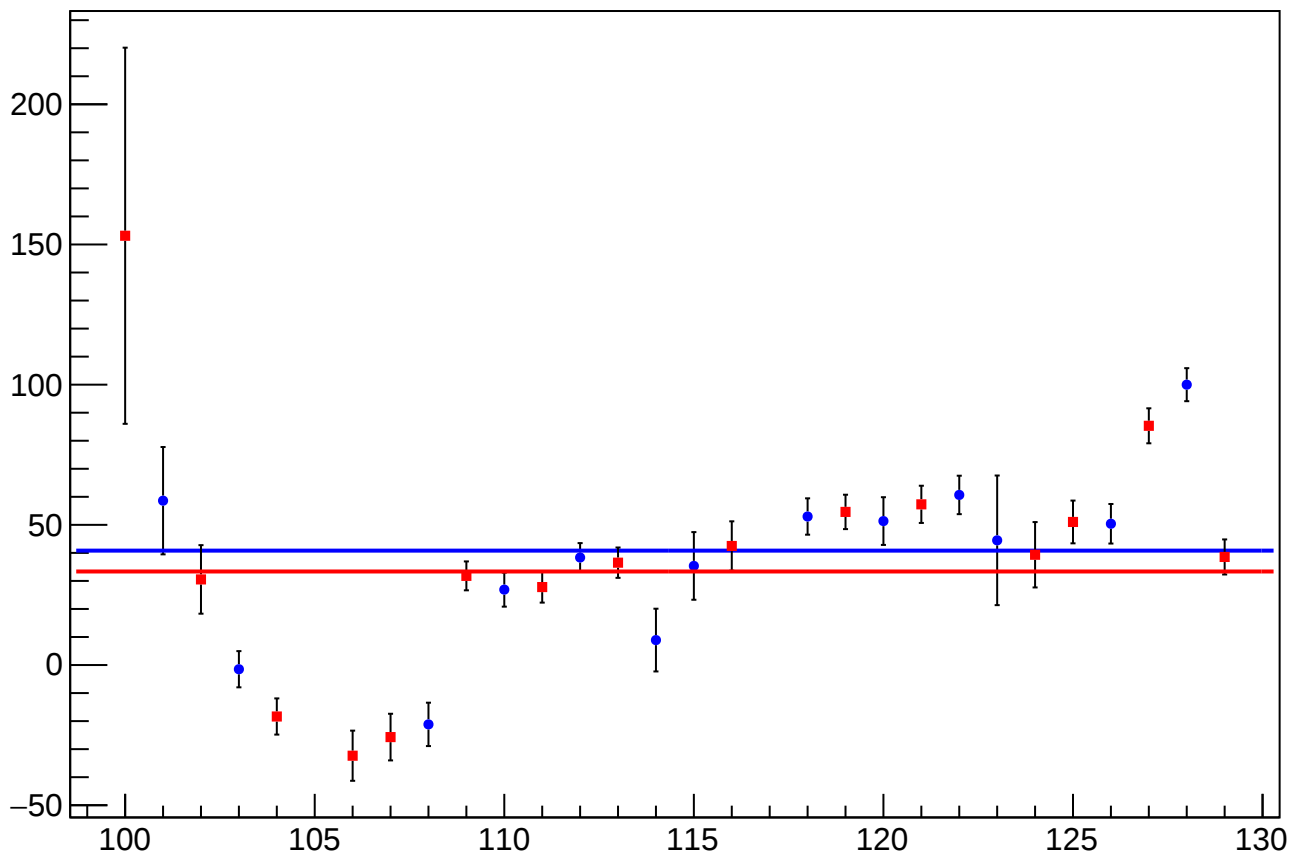
Right: 16.677+/-0.745 χ^2/NDF : 288.8/27

In: 18.278+/-1.108 χ^2/NDF : 136.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.677+/-0.745 χ^2/NDF : 288.8/27

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 40.806 $\pm$ 2.072 χ^2 /NDF: 238.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 33.367 $\pm$ 1.825 χ^2 /NDF: 275.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

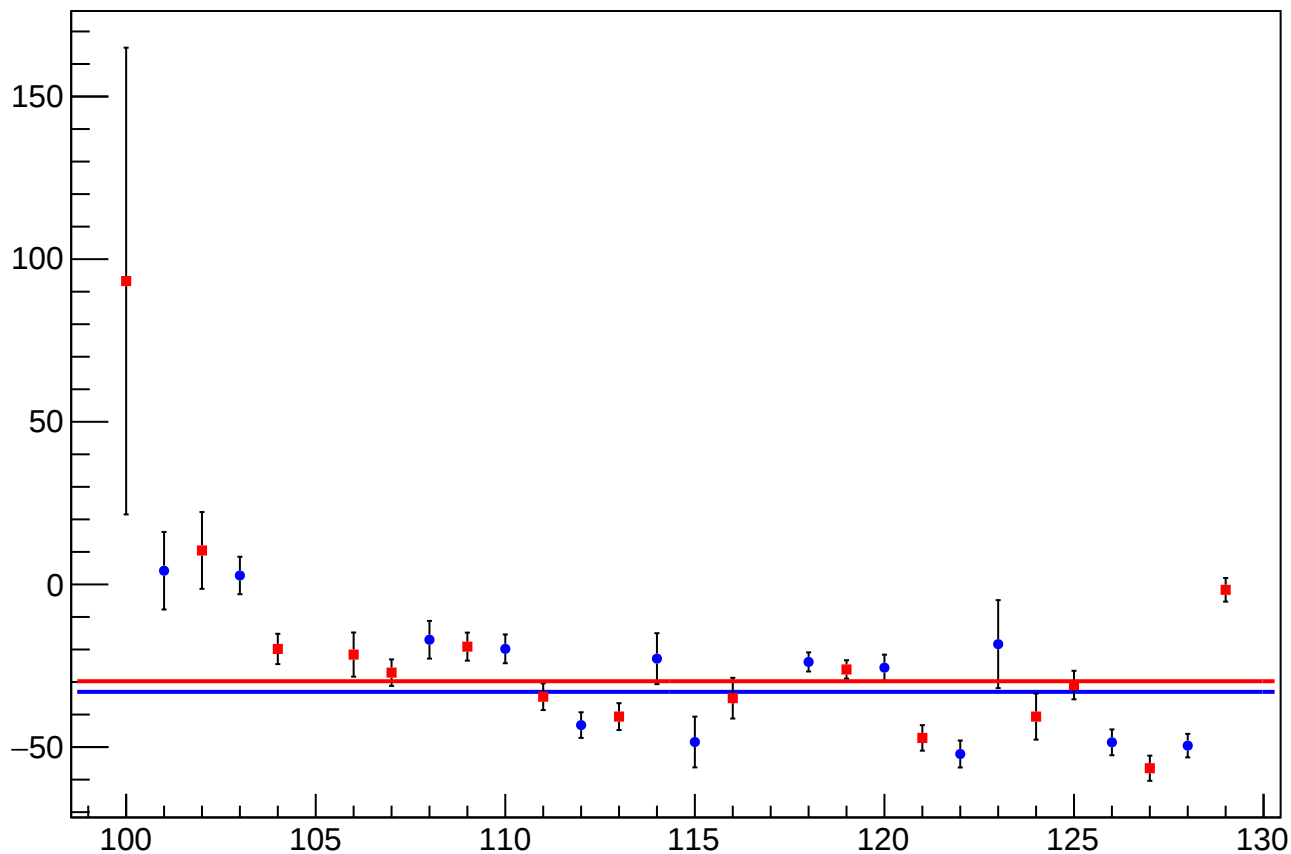
Right: 36.616 $\pm$ 1.370 χ^2 /NDF: 520.4/27

In: 40.806 $\pm$ 2.072 χ^2 /NDF:238.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 36.616 $\pm$ 1.370 χ^2 /NDF: 520.4/27

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.020 ± 1.294 $\chi^2/\text{NDF}: 149.1/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -29.751 ± 1.165 $\chi^2/\text{NDF}: 167.6/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

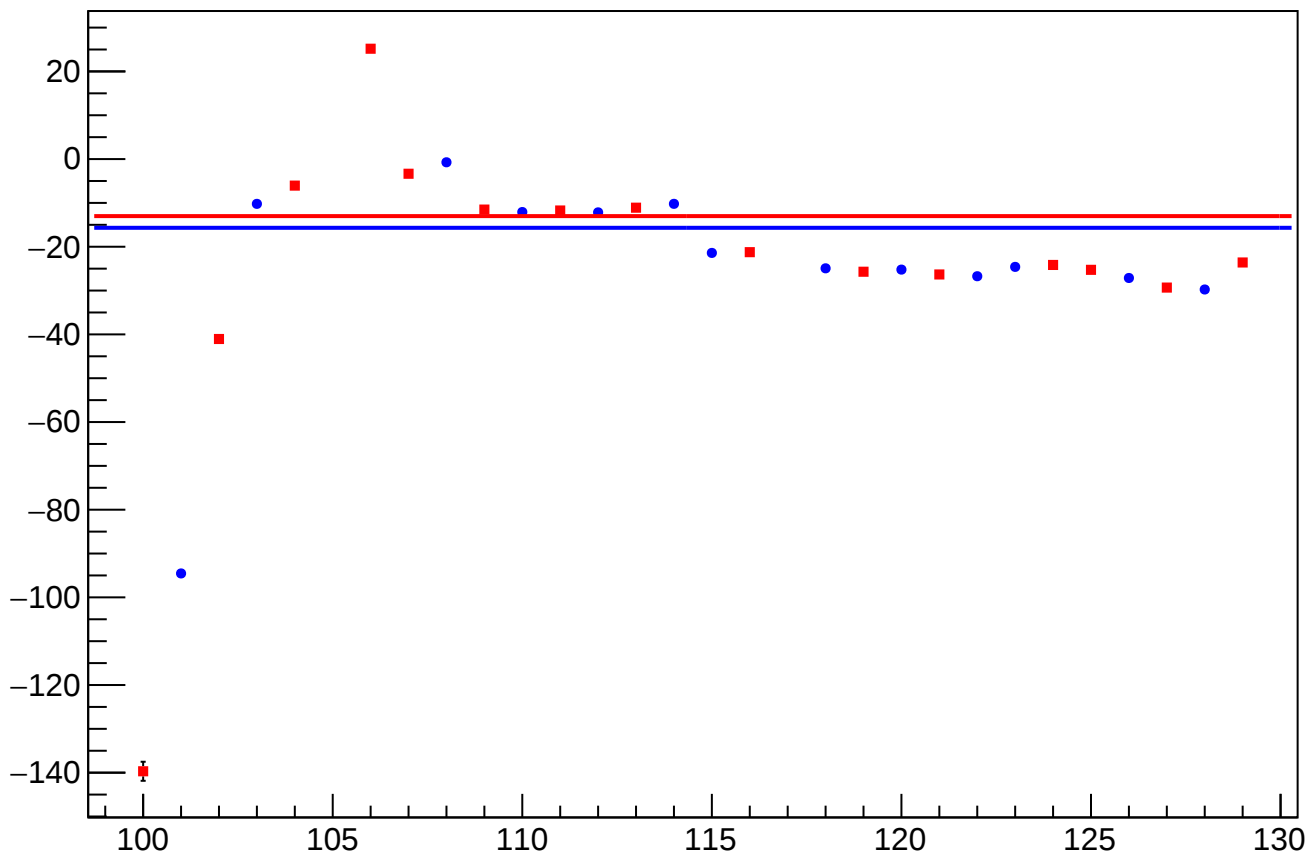
Right: -31.214 ± 0.866 $\chi^2/\text{NDF}: 320.2/27$

In: -33.020 ± 1.294 $\chi^2/\text{NDF}: 149.1/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -31.214 ± 0.866 $\chi^2/\text{NDF}: 320.2/27$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -15.680 ± 0.075 χ^2/NDF : 30324.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -13.012 ± 0.068 χ^2/NDF : 54810.6/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

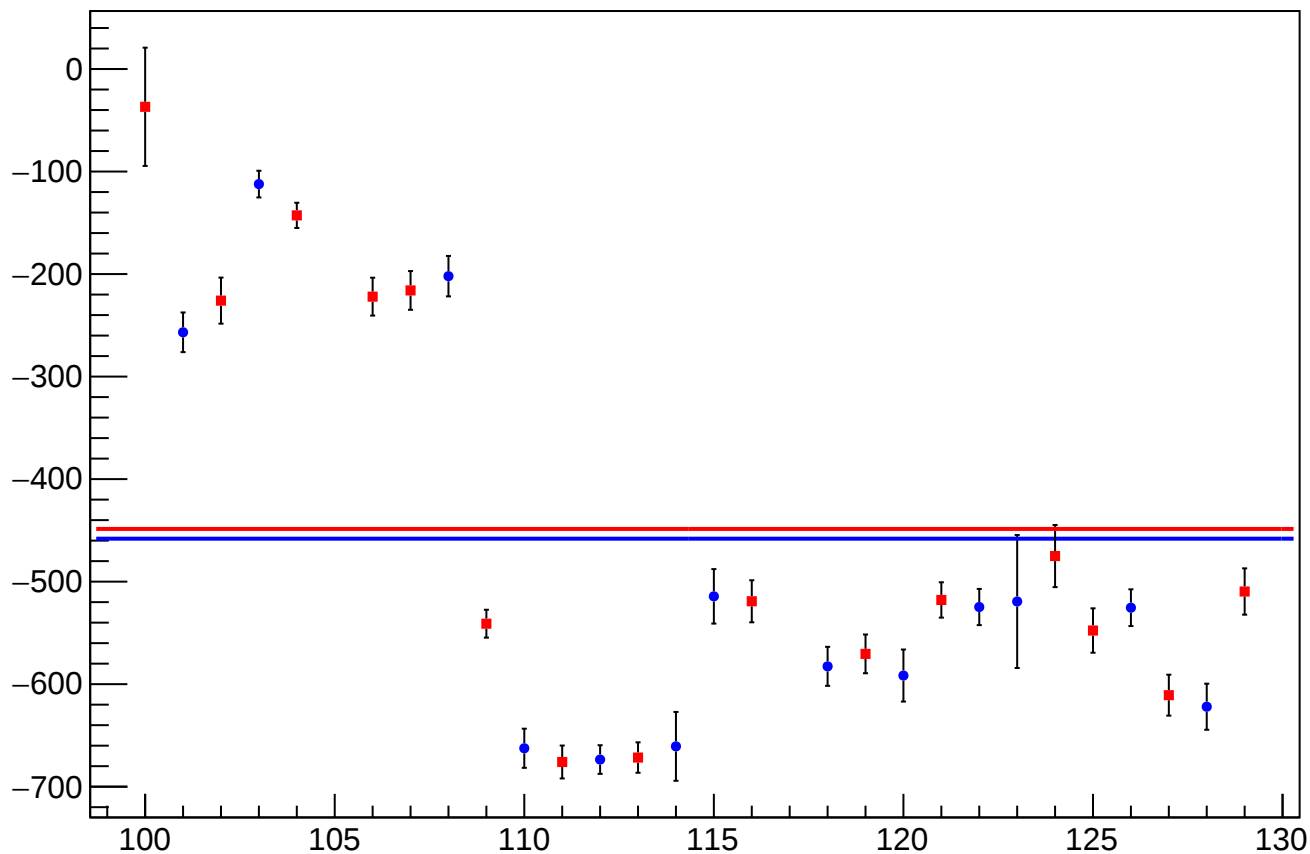
Right: -14.212 ± 0.050 χ^2/NDF : 85836.7/27

In: -15.680 ± 0.075 χ^2/NDF : 30324.2/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.212 ± 0.050 χ^2/NDF : 85836.7/27

reg_asym_atr2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -458.103+/-5.410 χ^2 /NDF: 1529.0/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -448.583+/-4.730 χ^2 /NDF: 1707.7/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

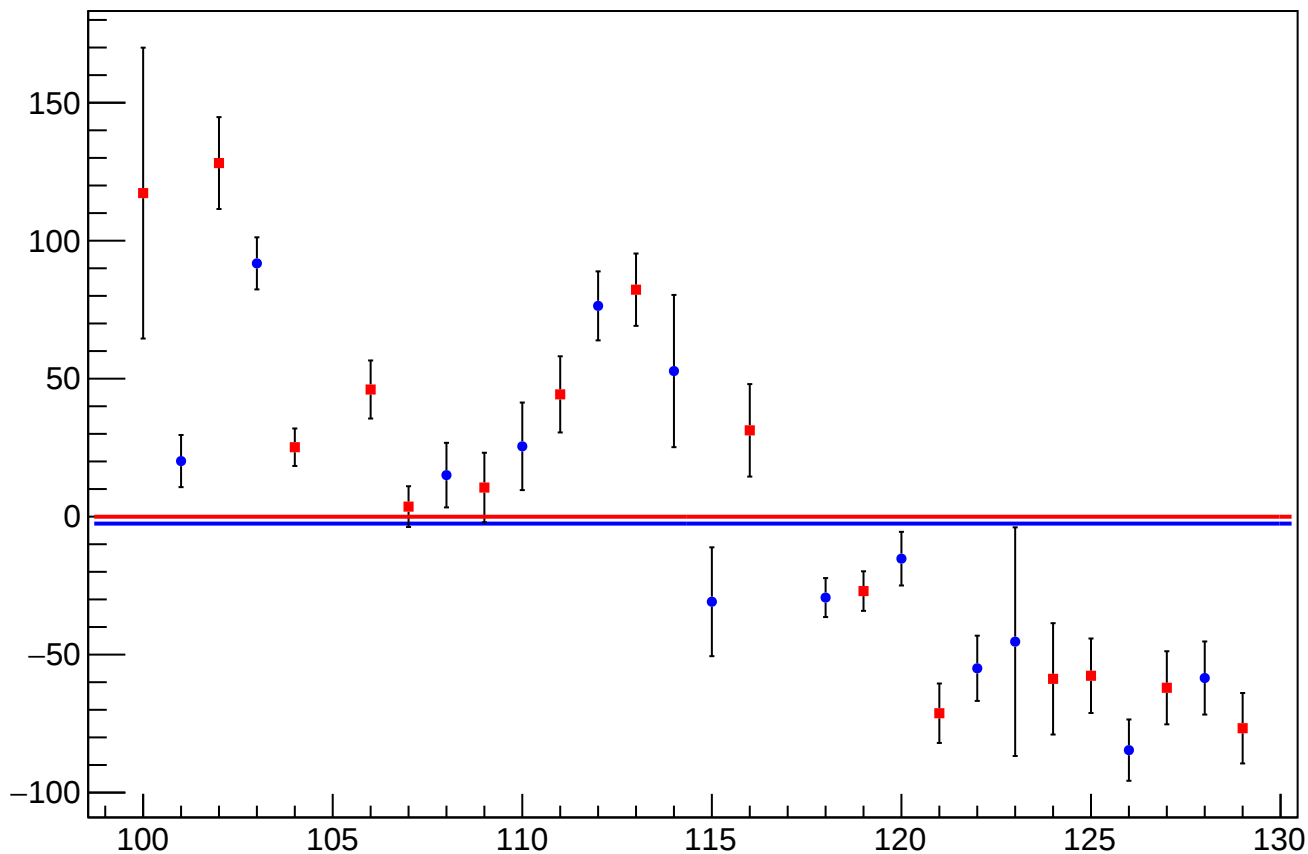
Right: -452.708+/-3.561 χ^2 /NDF: 3238.5/27

In: -458.103+/-5.410 χ^2 /NDF:1529.0/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -452.708+/-3.561 χ^2 /NDF: 3238.5/27

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.518+/-3.225 χ^2/NDF : 266.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.030+/-2.866 χ^2/NDF : 293.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

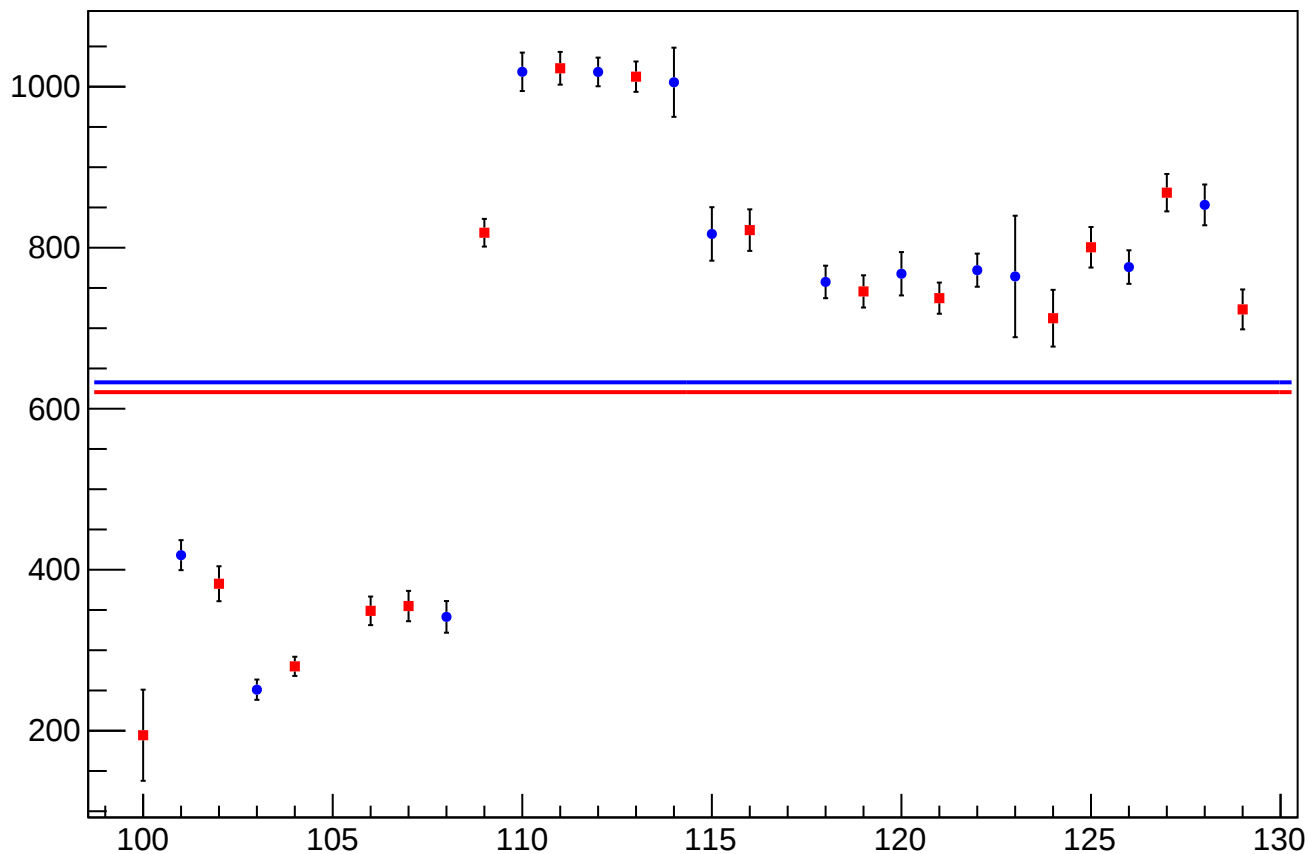
Right: -1.128+/-2.142 χ^2/NDF : 560.3/27

In: -2.518+/-3.225 χ^2/NDF :266.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.128+/-2.142 χ^2/NDF : 560.3/27

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 632.772+/-5.938 χ^2/NDF : 2343.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 620.573+/-5.227 χ^2/NDF : 2708.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

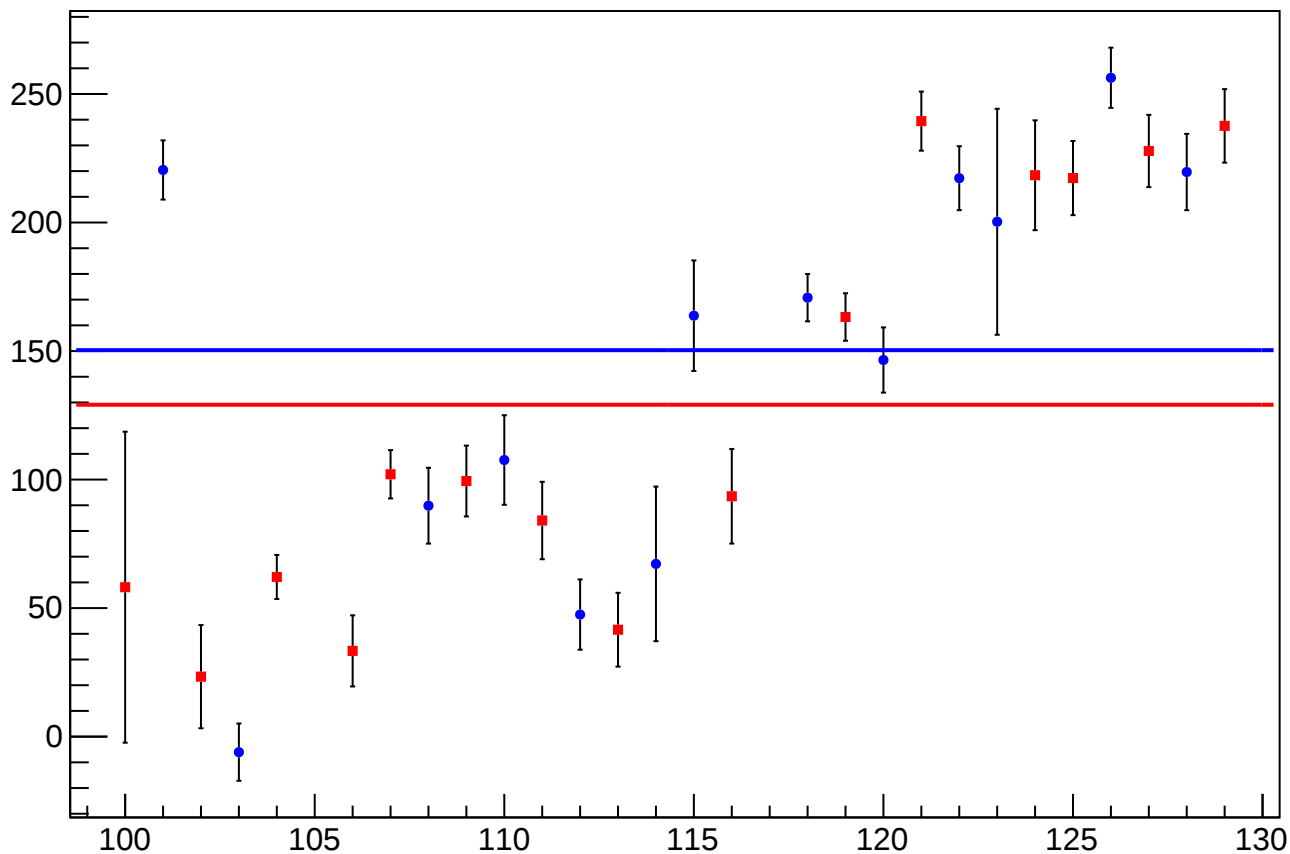
Right: 625.899+/-3.923 χ^2/NDF : 5054.2/27

In: 632.772+/-5.938 χ^2/NDF : 2343.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 625.899+/-3.923 χ^2/NDF : 5054.2/27

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.340+/-3.809 χ^2/NDF : 460.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.112+/-3.398 χ^2/NDF : 468.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

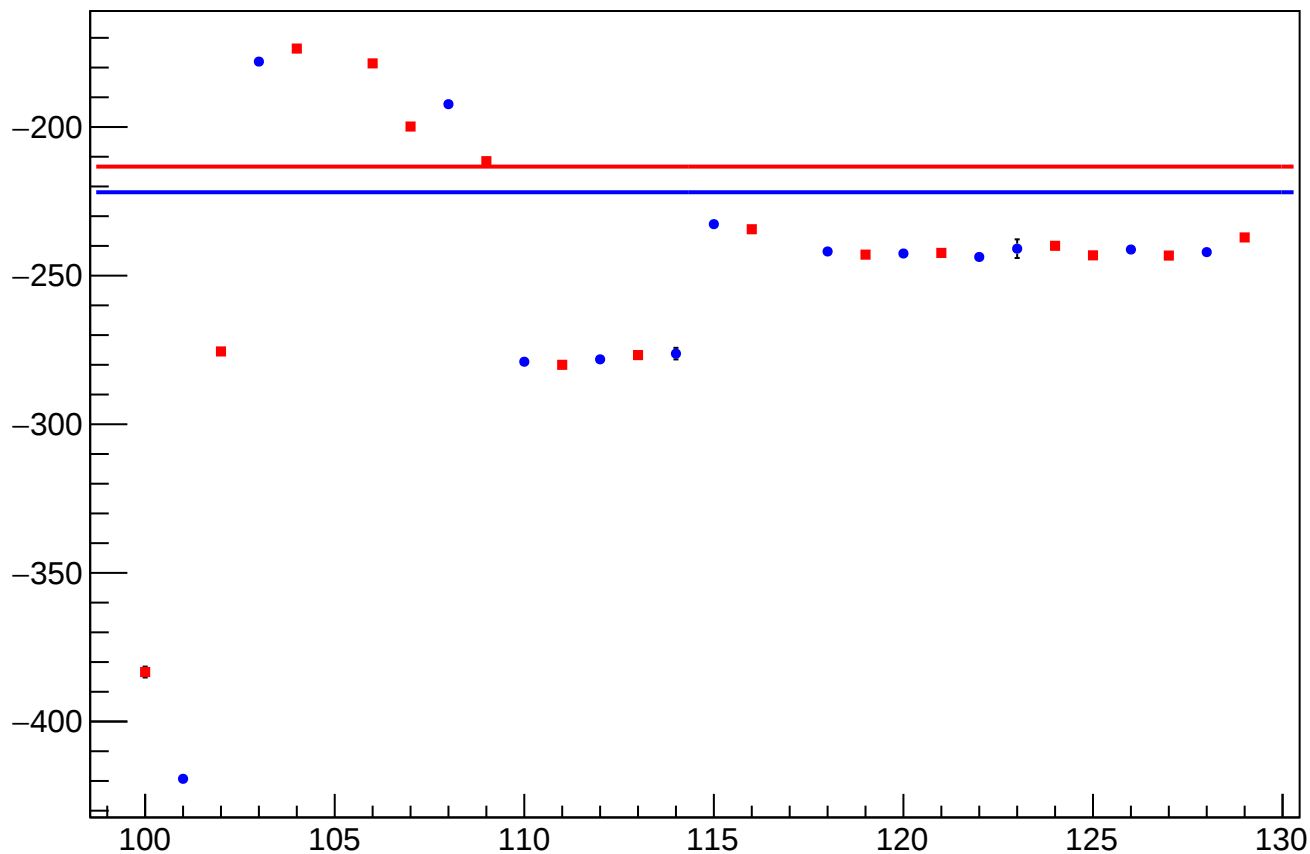
Right: 138.519+/-2.536 χ^2/NDF : 945.9/27

In: 150.340+/-3.809 χ^2/NDF : 460.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.519+/-2.536 χ^2/NDF : 945.9/27

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -221.948+/-0.188 χ^2/NDF : 125420.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -213.319+/-0.168 χ^2/NDF : 61905.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

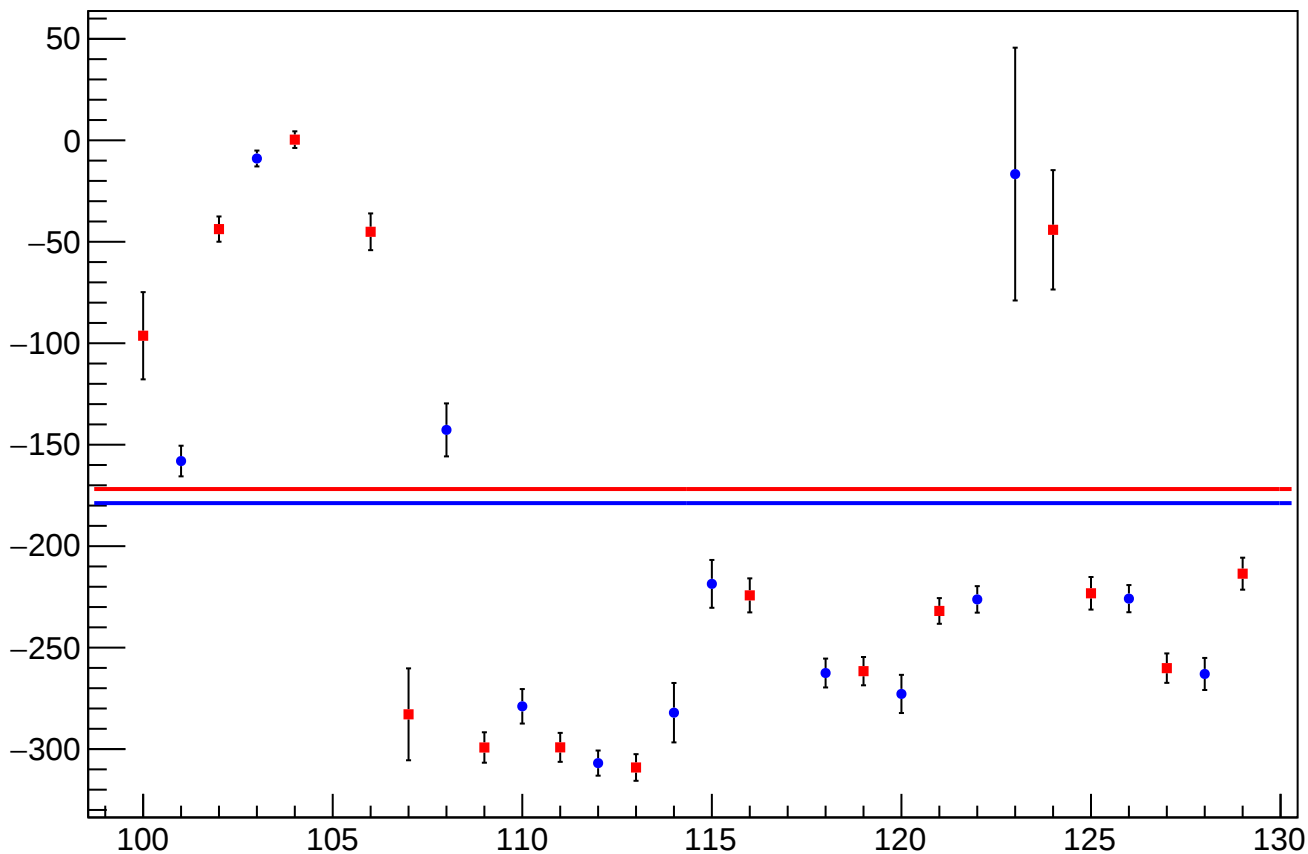
Right: -217.164+/-0.125 χ^2/NDF : 188496.1/27

In: -221.948+/-0.188 χ^2/NDF : 125420.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -217.164+/-0.125 χ^2/NDF : 188496.1/27

reg_asym_atl_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -178.789+/-2.069 χ^2/NDF : 2990.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -171.846+/-1.911 χ^2/NDF : 3993.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

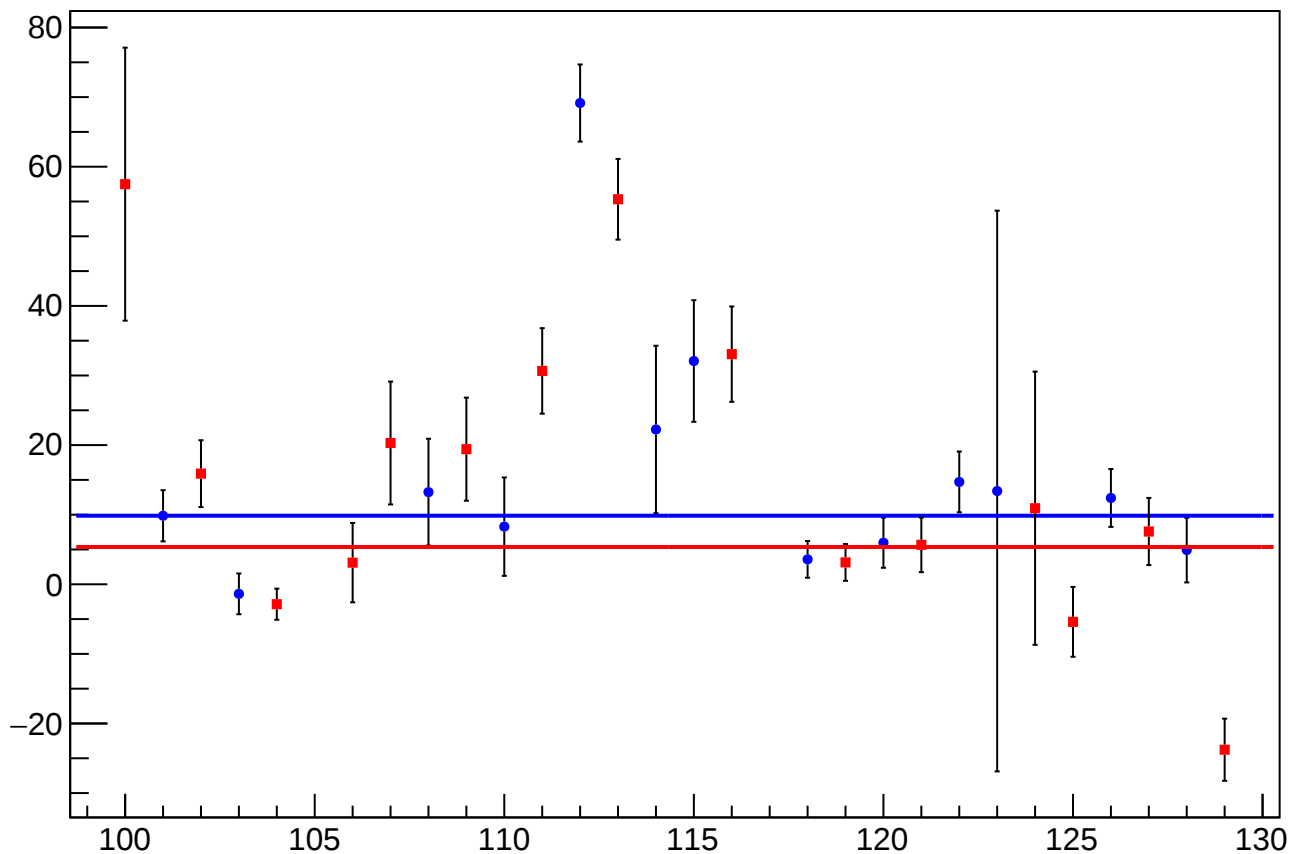
Right: -175.044+/-1.404 χ^2/NDF : 6989.2/27

In: -178.789+/-2.069 χ^2/NDF : 2990.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -175.044+/-1.404 χ^2/NDF : 6989.2/27

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.853+/-1.233 χ^2/NDF : 146.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.359+/-1.172 χ^2/NDF : 187.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

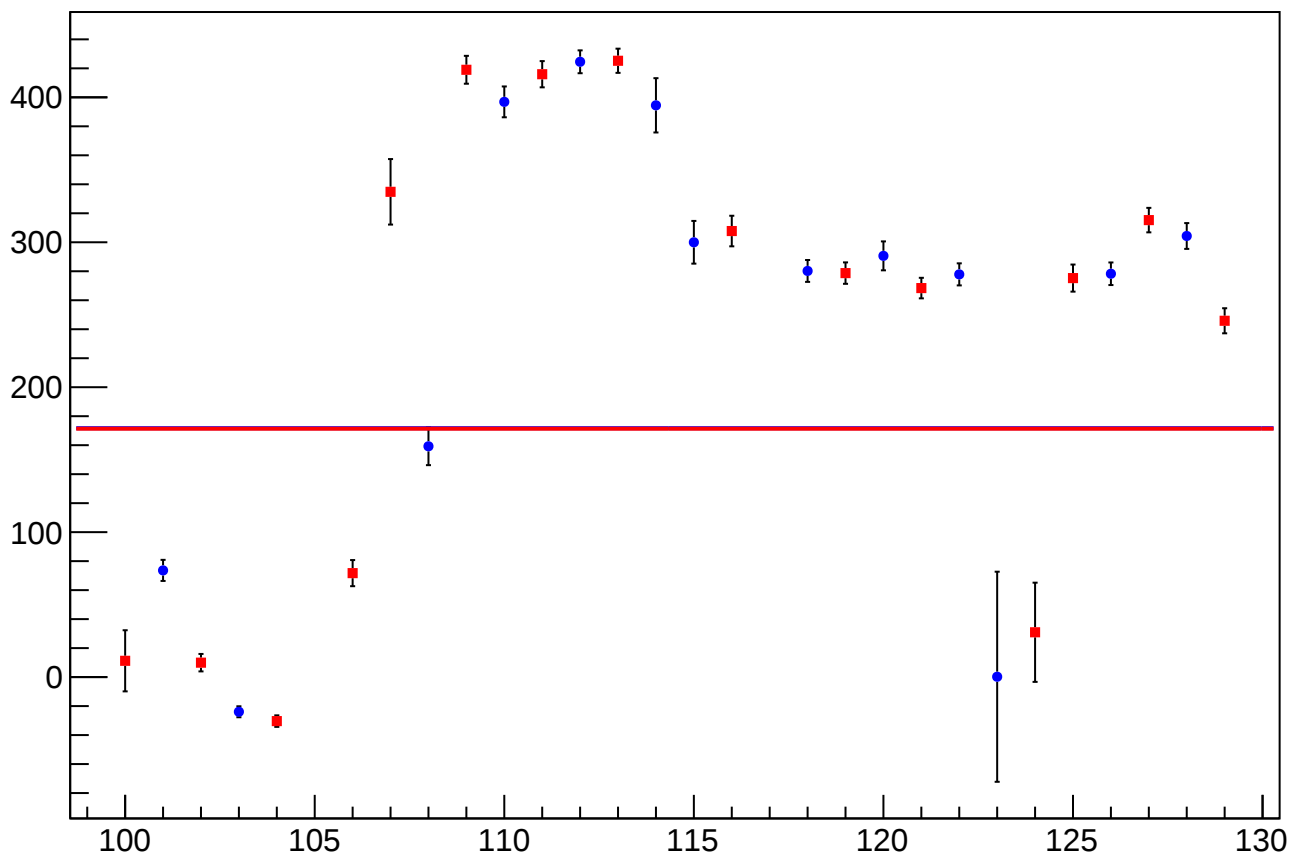
Right: 7.492+/-0.849 χ^2/NDF : 341.1/27

In: 9.853+/-1.233 χ^2/NDF : 146.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.492+/-0.849 χ^2/NDF : 341.1/27

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 171.723+/-2.229 χ^2/NDF : 5508.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.378+/-2.077 χ^2/NDF : 6922.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

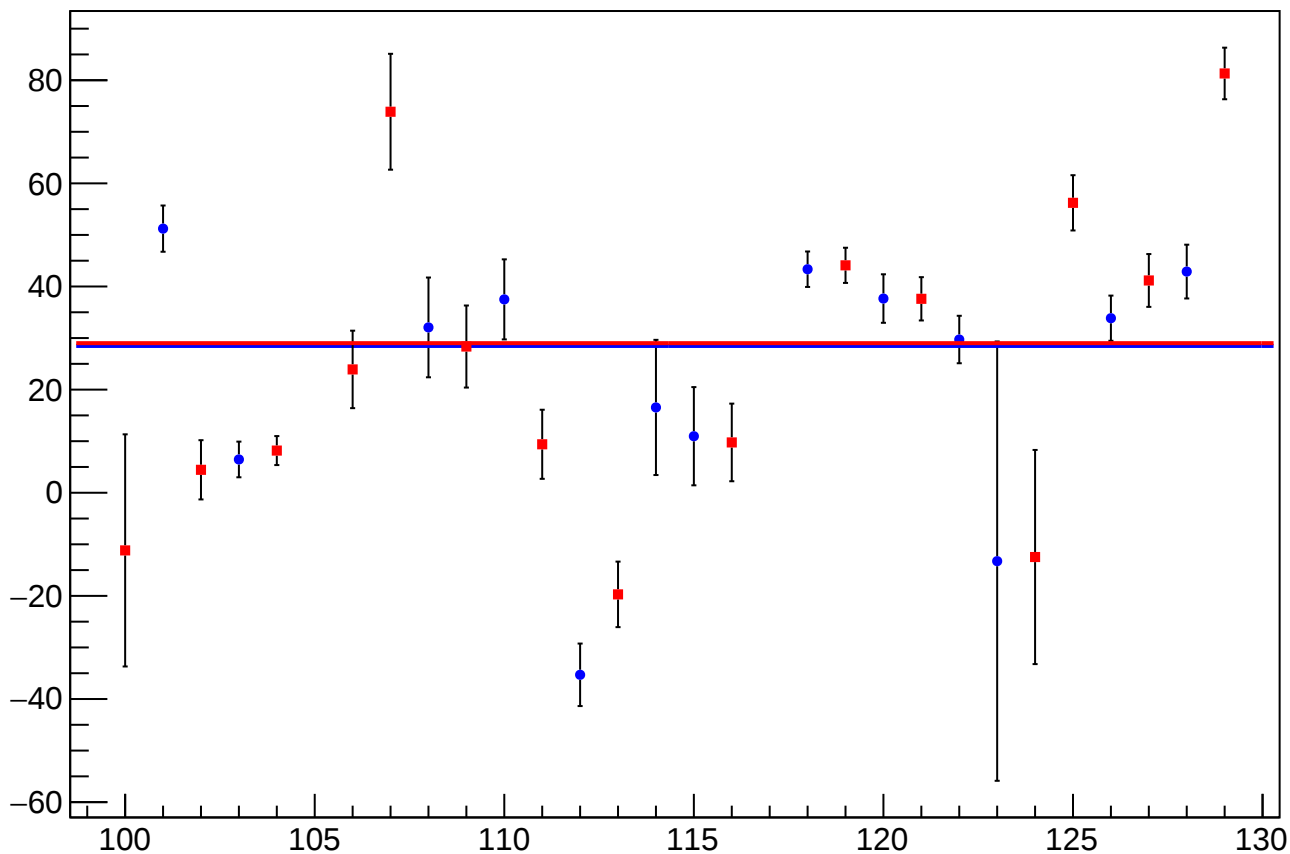
Right: 171.538+/-1.520 χ^2/NDF : 12431.2/27

In: 171.723+/-2.229 χ^2/NDF : 5508.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.538+/-1.520 χ^2/NDF : 12431.2/27

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.470+/-1.457 χ^2/NDF : 215.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.012+/-1.383 χ^2/NDF : 335.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

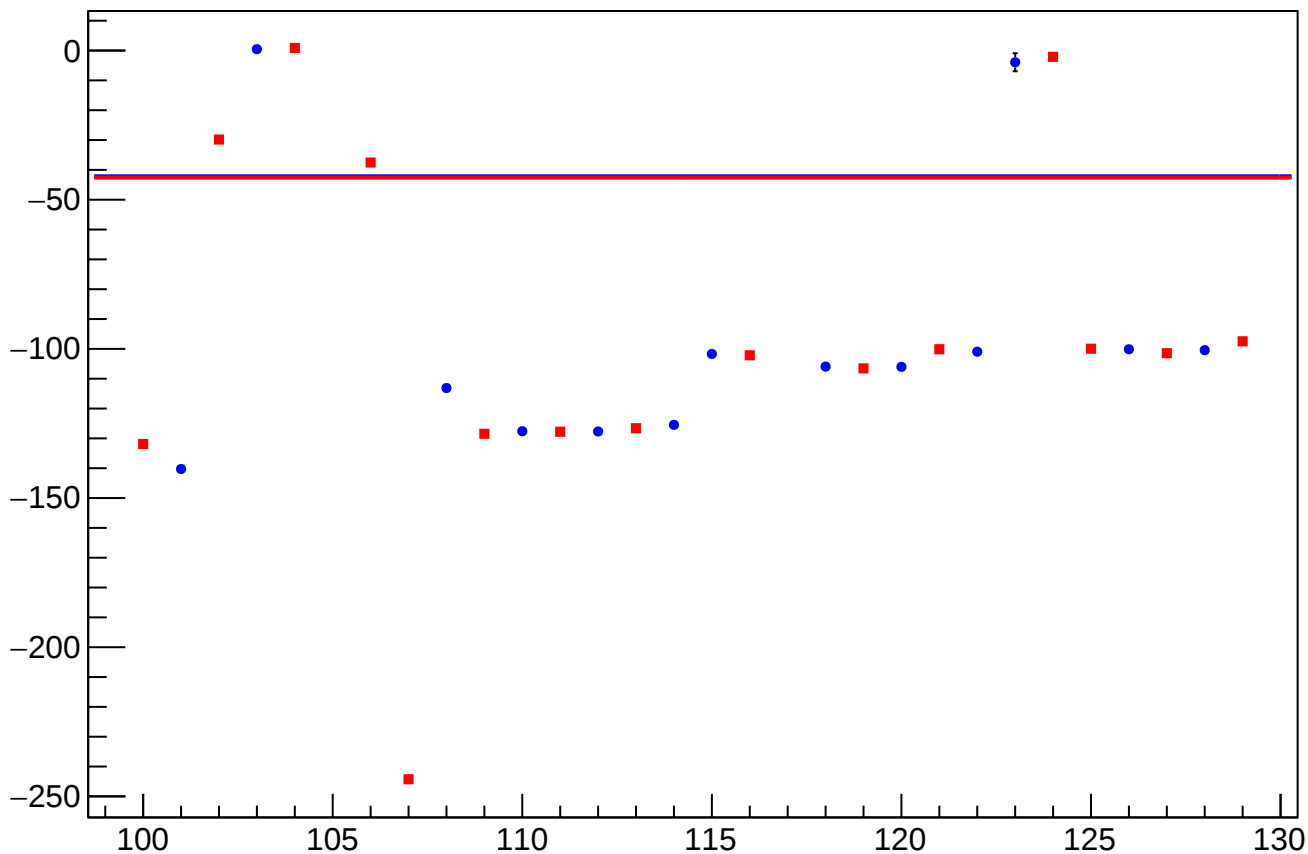
Right: 28.755+/-1.003 χ^2/NDF : 550.8/27

In: 28.470+/-1.457 χ^2/NDF : 215.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.755+/-1.003 χ^2/NDF : 550.8/27

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -42.157+/-0.067 χ^2/NDF : 699628.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -42.597+/-0.064 χ^2/NDF : 654457.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

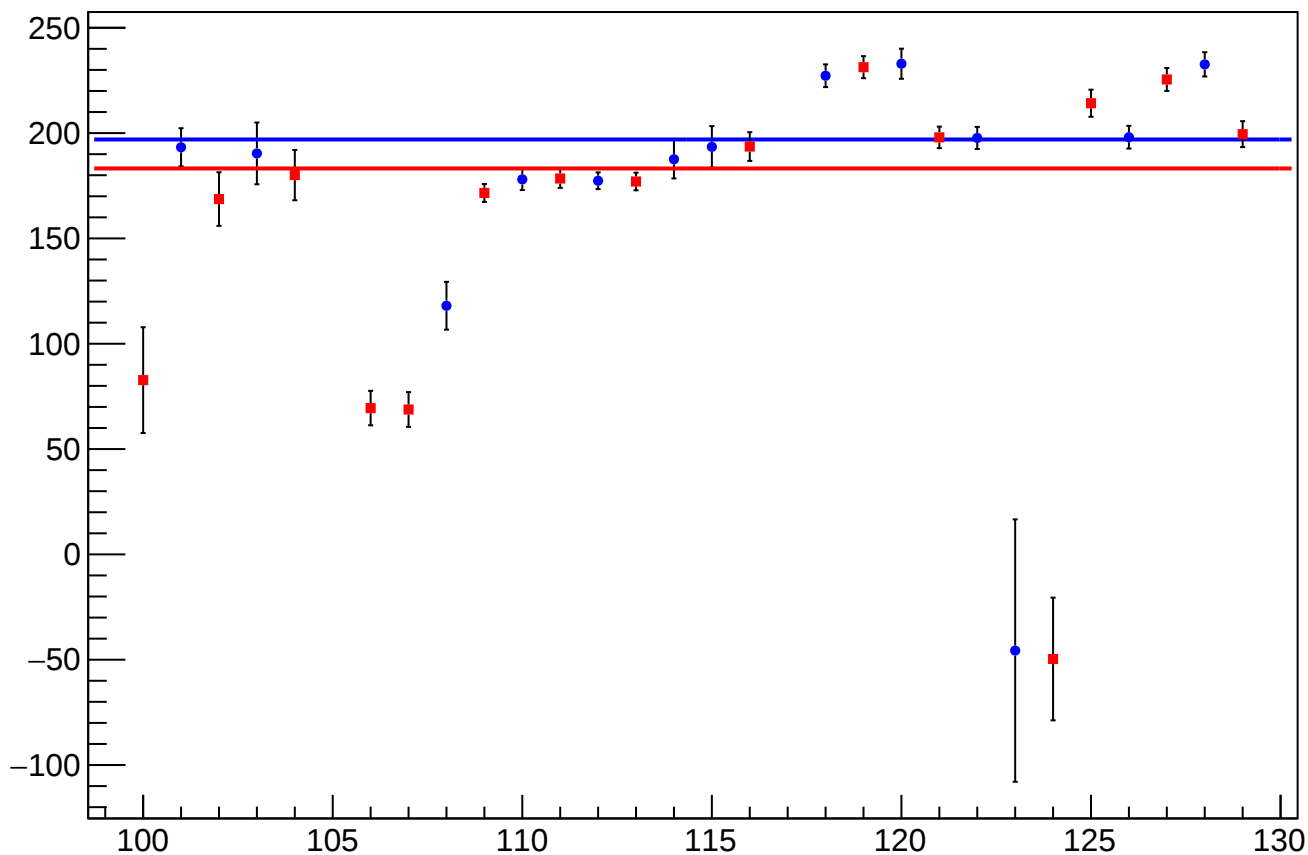
Right: -42.388+/-0.046 χ^2/NDF : 1354108.2/27

In: -42.157+/-0.067 χ^2/NDF : 699628.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.388+/-0.046 χ^2/NDF : 1354108.2/27

reg_asym_atl_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 196.974+/-1.812 χ^2/NDF : 198.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 183.212+/-1.605 χ^2/NDF : 662.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

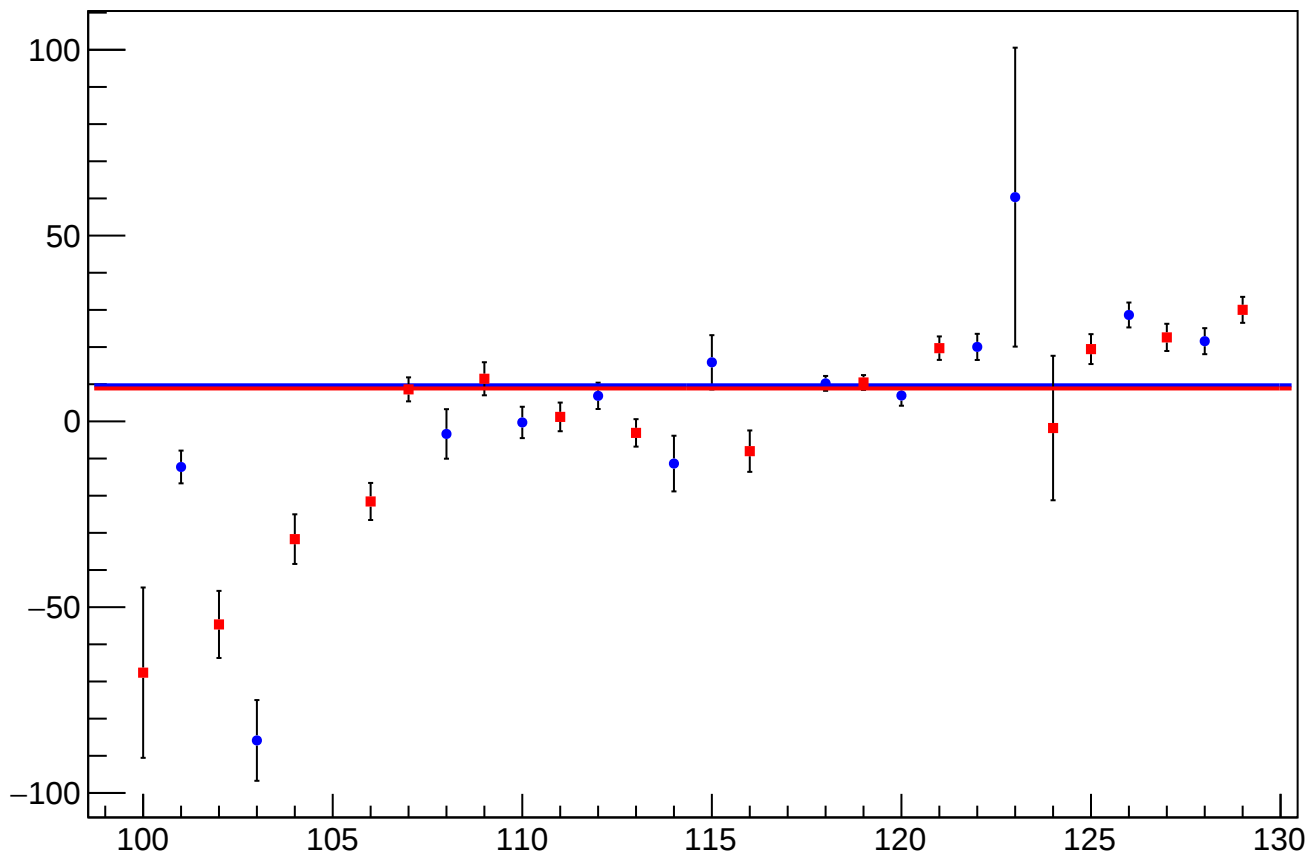
Right: 189.261+/-1.201 χ^2/NDF : 893.5/27

In: 196.974+/-1.812 χ^2/NDF : 198.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.261+/-1.201 χ^2/NDF : 893.5/27

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.712 ± 1.060 χ^2/NDF : 175.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 8.857 ± 1.015 χ^2/NDF : 228.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

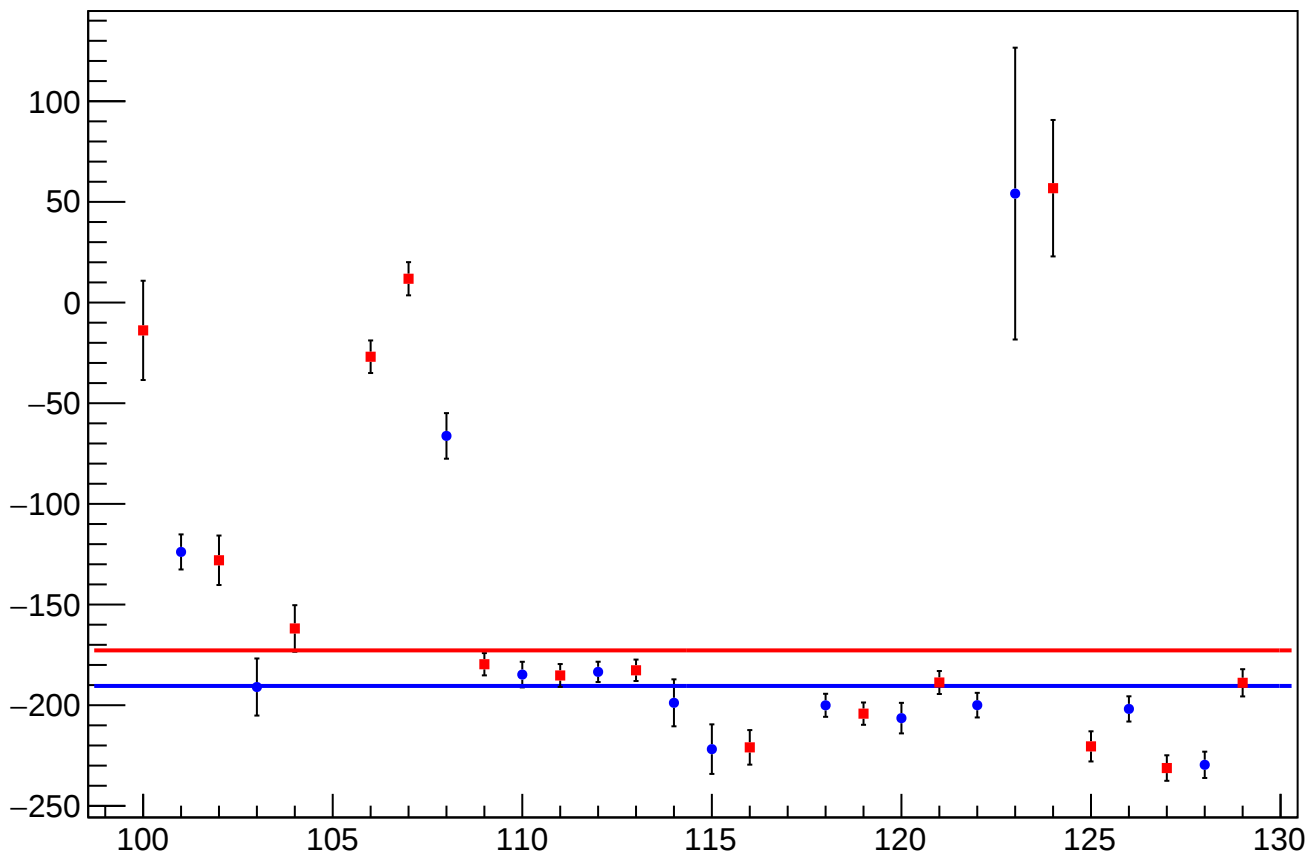
Right: 9.266 ± 0.733 χ^2/NDF : 405.0/27

In: 9.712 ± 1.060 χ^2/NDF : 175.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 9.266 ± 0.733 χ^2/NDF : 405.0/27

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -190.426+/-2.096 χ^2 /NDF: 248.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -172.766+/-1.866 χ^2 /NDF: 1140.4/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

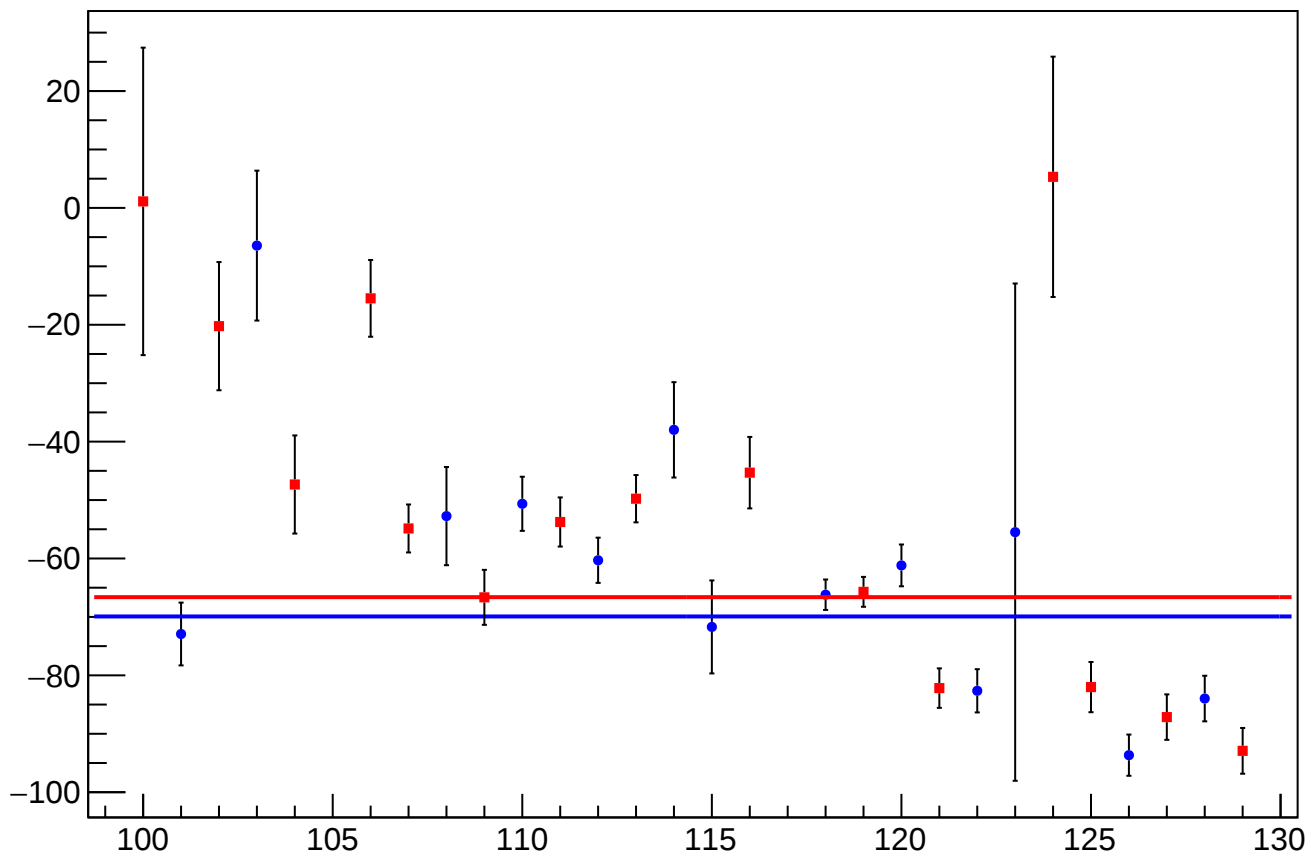
Right: -180.578+/-1.394 χ^2 /NDF: 1428.9/27

In: -190.426+/-2.096 χ^2 /NDF:248.9/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -180.578+/-1.394 χ^2 /NDF: 1428.9/27

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -69.921+/-1.246 χ^2/NDF : 146.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -66.617+/-1.175 χ^2/NDF : 256.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

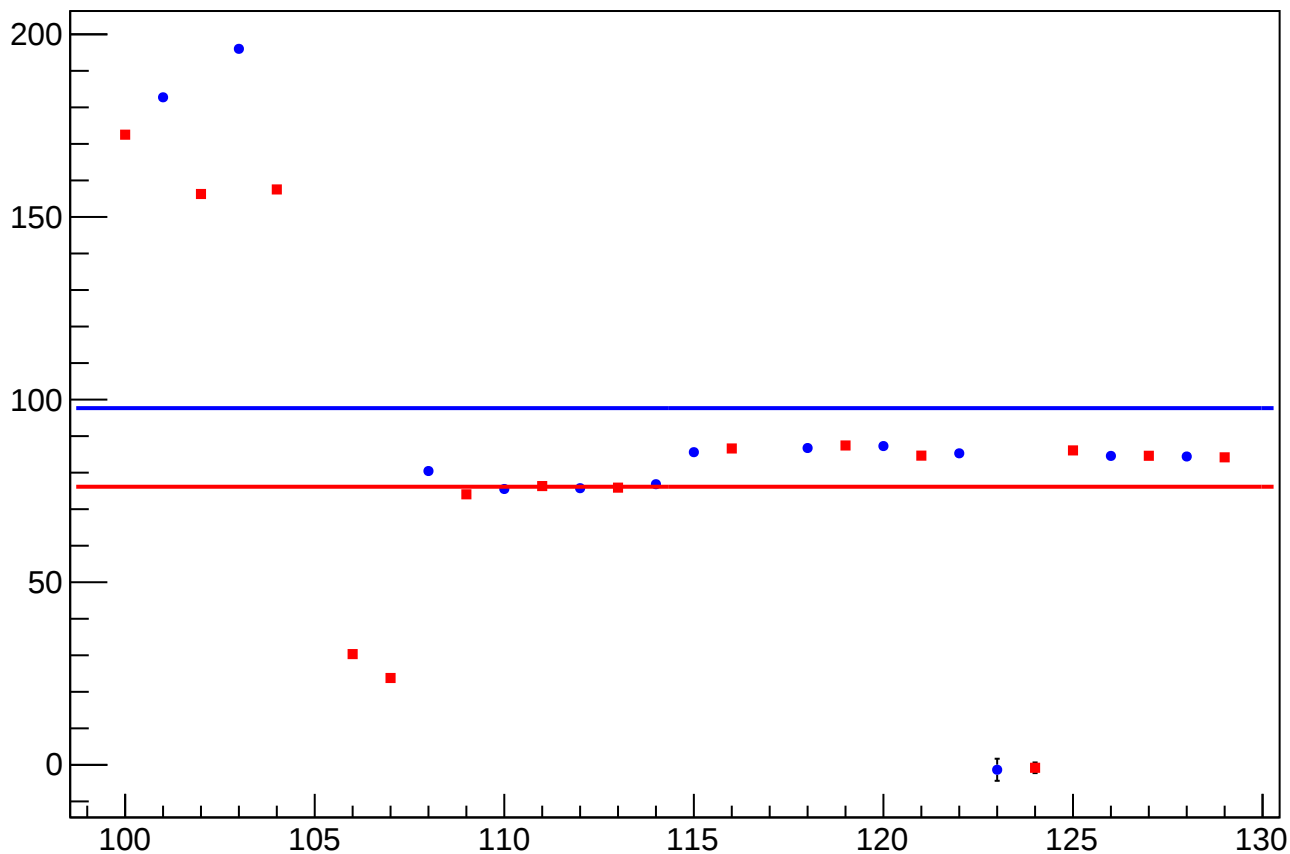
Right: -68.173+/-0.855 χ^2/NDF : 406.5/27

In: -69.921+/-1.246 χ^2/NDF : 146.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.173+/-0.855 χ^2/NDF : 406.5/27

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.665+/-0.085 χ^2/NDF : 200367.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.145+/-0.071 χ^2/NDF : 307218.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

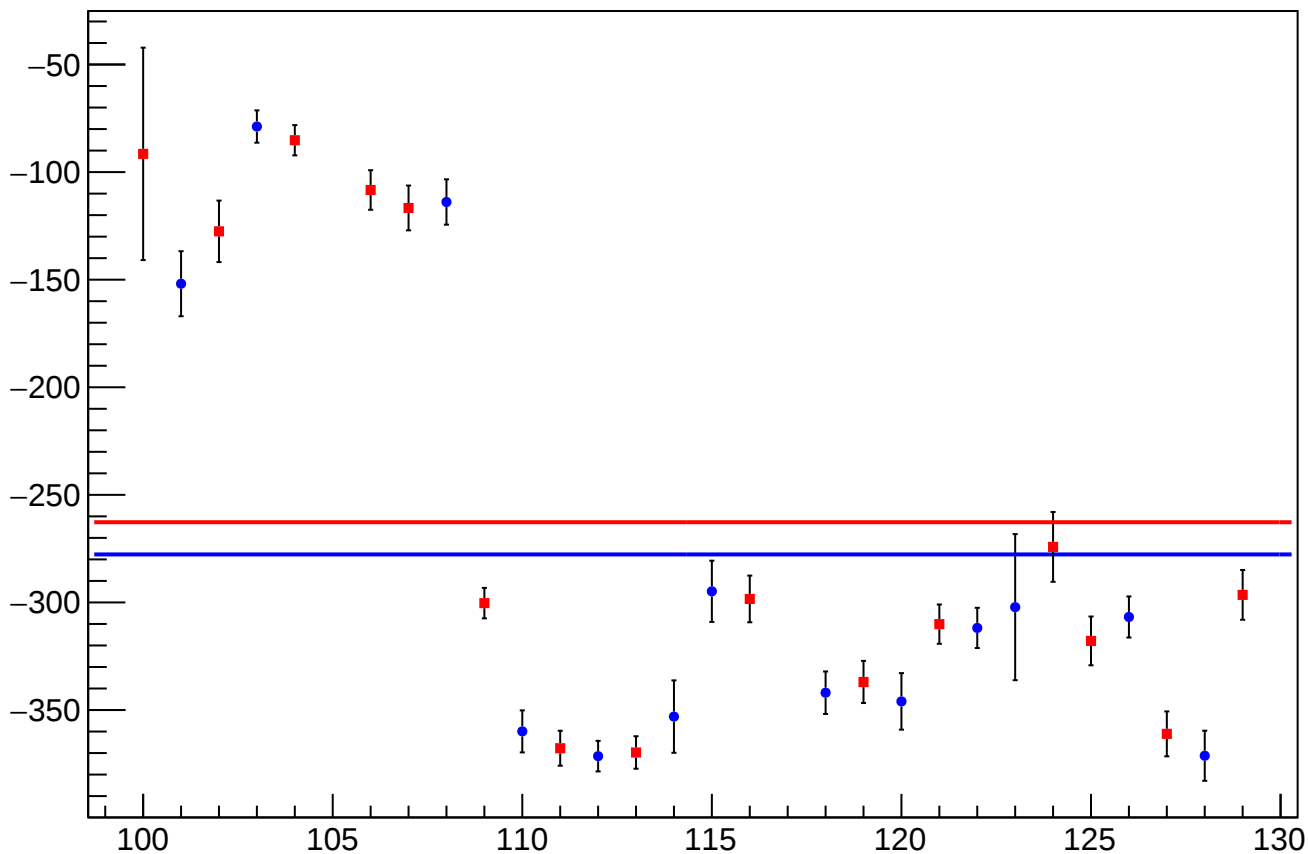
Right: 85.009+/-0.054 χ^2/NDF : 545507.7/27

In: 97.665+/-0.085 χ^2/NDF : 200367.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.009+/-0.054 χ^2/NDF : 545507.7/27

reg_asym_atr_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -277.685+/-2.928 χ^2/NDF : 1435.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -262.726+/-2.513 χ^2/NDF : 1829.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

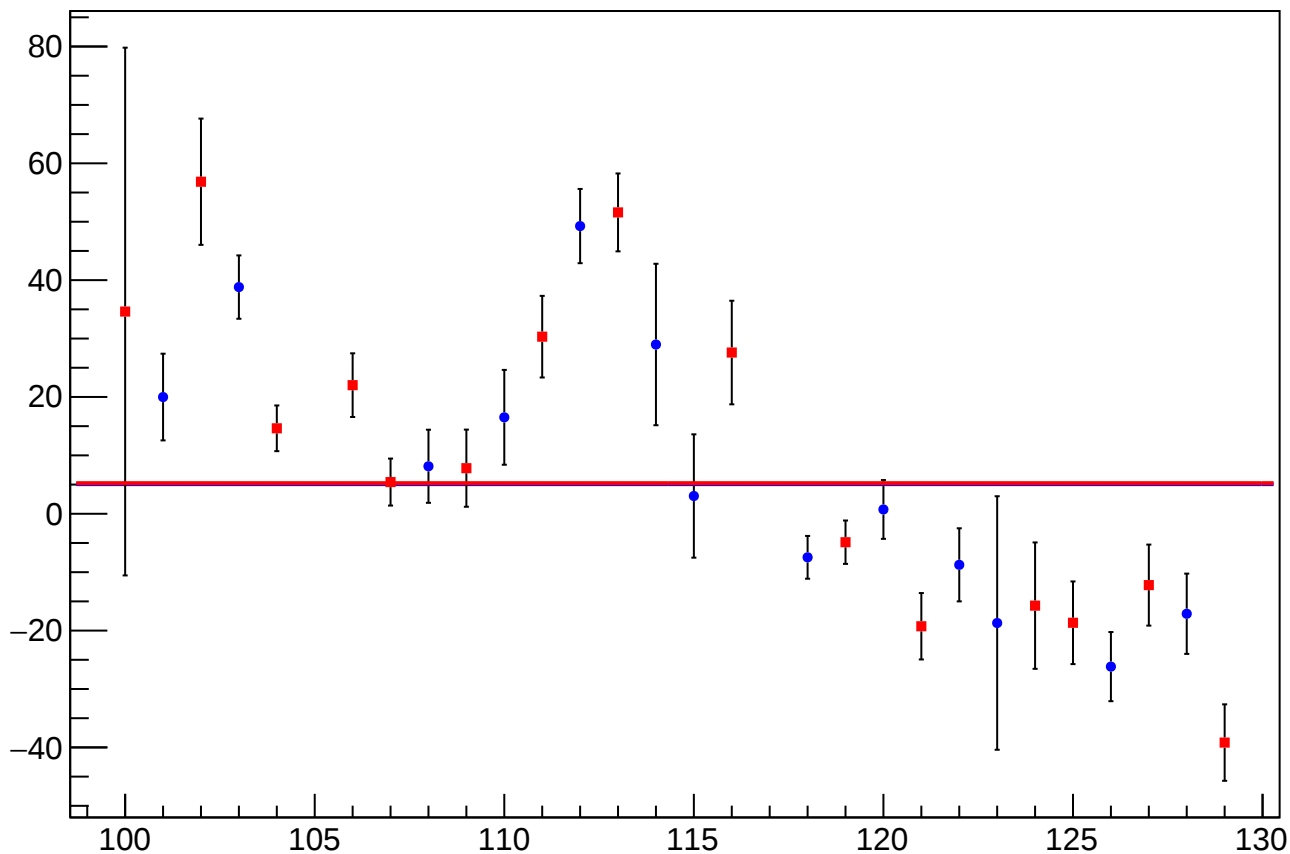
Right: -269.070+/-1.907 χ^2/NDF : 3280.4/27

In: -277.685+/-2.928 χ^2/NDF : 1435.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -269.070+/-1.907 χ^2/NDF : 3280.4/27

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.077+/-1.759 χ^2/NDF : 153.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.239+/-1.535 χ^2/NDF : 199.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

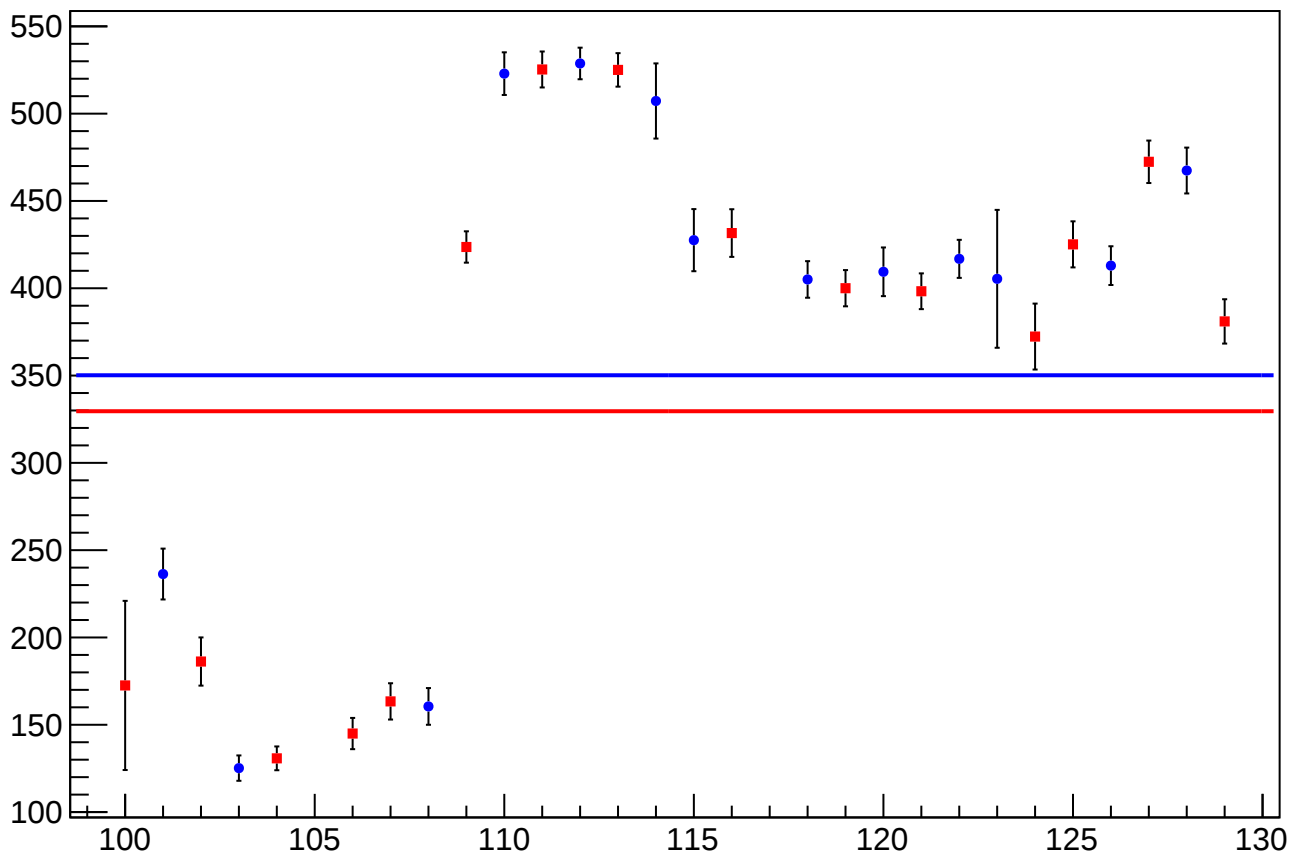
Right: 5.169+/-1.157 χ^2/NDF : 352.8/27

In: 5.077+/-1.759 χ^2/NDF : 153.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.169+/-1.157 χ^2/NDF : 352.8/27

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 350.171+/-3.258 χ^2/NDF : 2204.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 329.575+/-2.802 χ^2/NDF : 2896.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

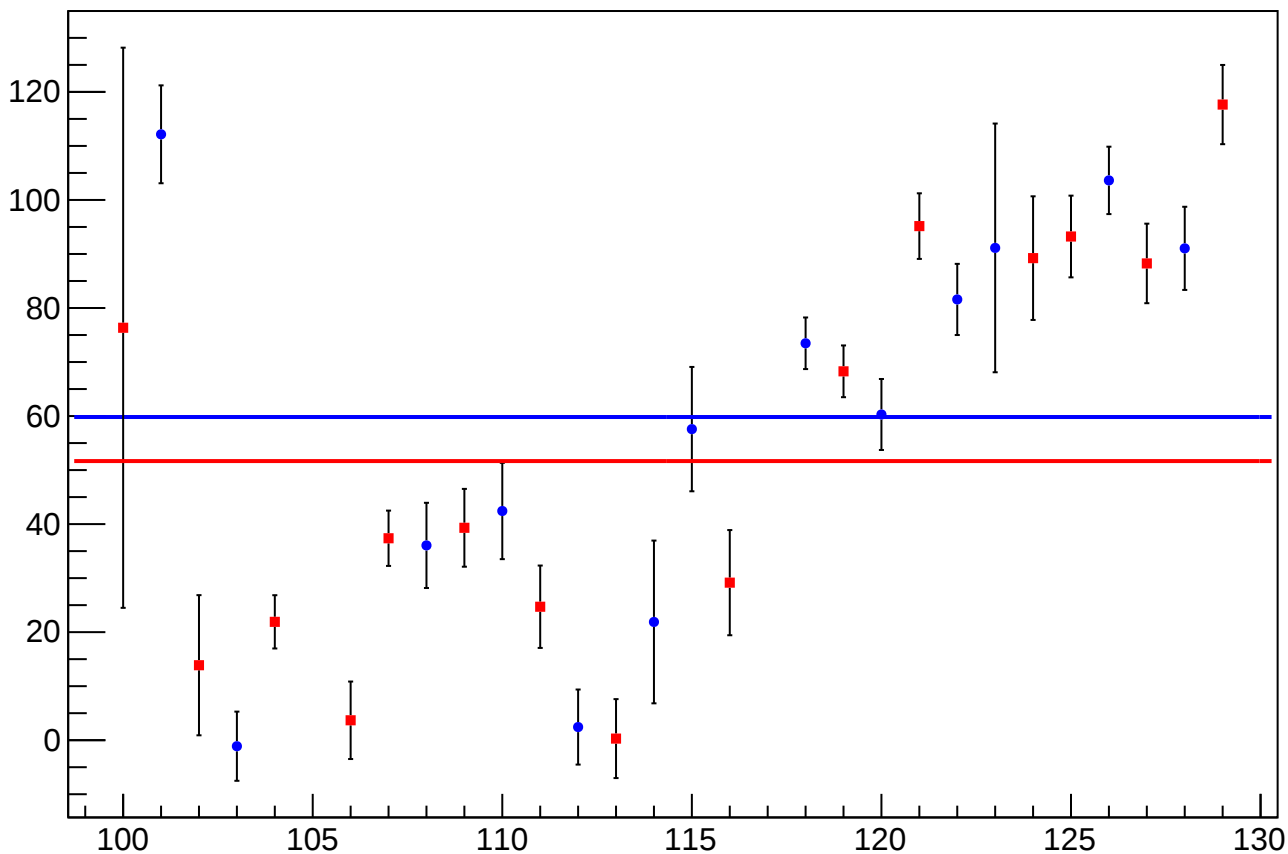
Right: 338.331+/-2.124 χ^2/NDF : 5124.4/27

In: 350.171+/-3.258 χ^2/NDF : 2204.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 338.331+/-2.124 χ^2/NDF : 5124.4/27

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 59.822 $\pm$ 2.074 χ^2 /NDF: 298.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 51.666 $\pm$ 1.815 χ^2 /NDF: 377.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

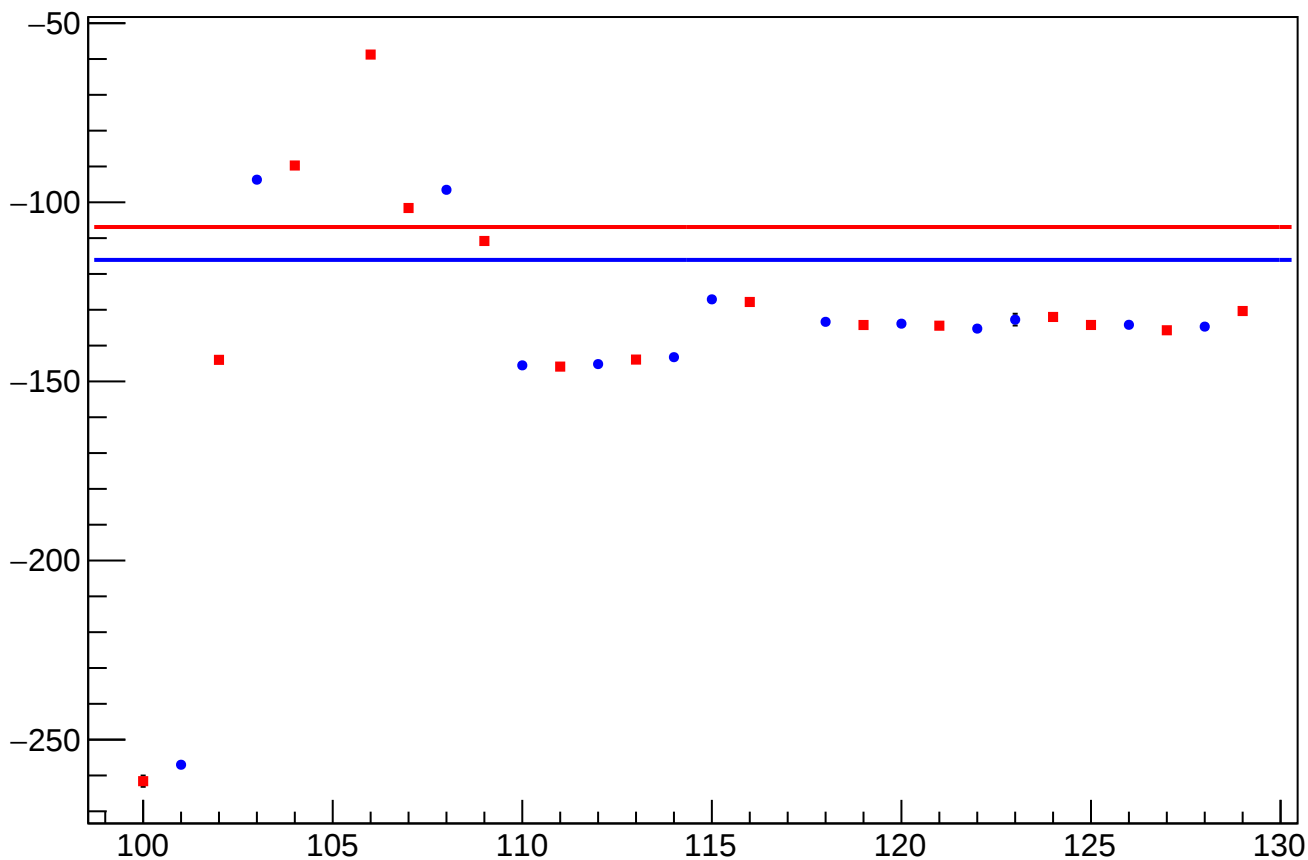
Right: 55.202 $\pm$ 1.366 χ^2 /NDF: 684.8/27

In: 59.822 $\pm$ 2.074 χ^2 /NDF:298.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 55.202 $\pm$ 1.366 χ^2 /NDF: 684.8/27

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -116.081+/-0.105 χ^2/NDF : 113034.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -106.897+/-0.092 χ^2/NDF : 101240.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

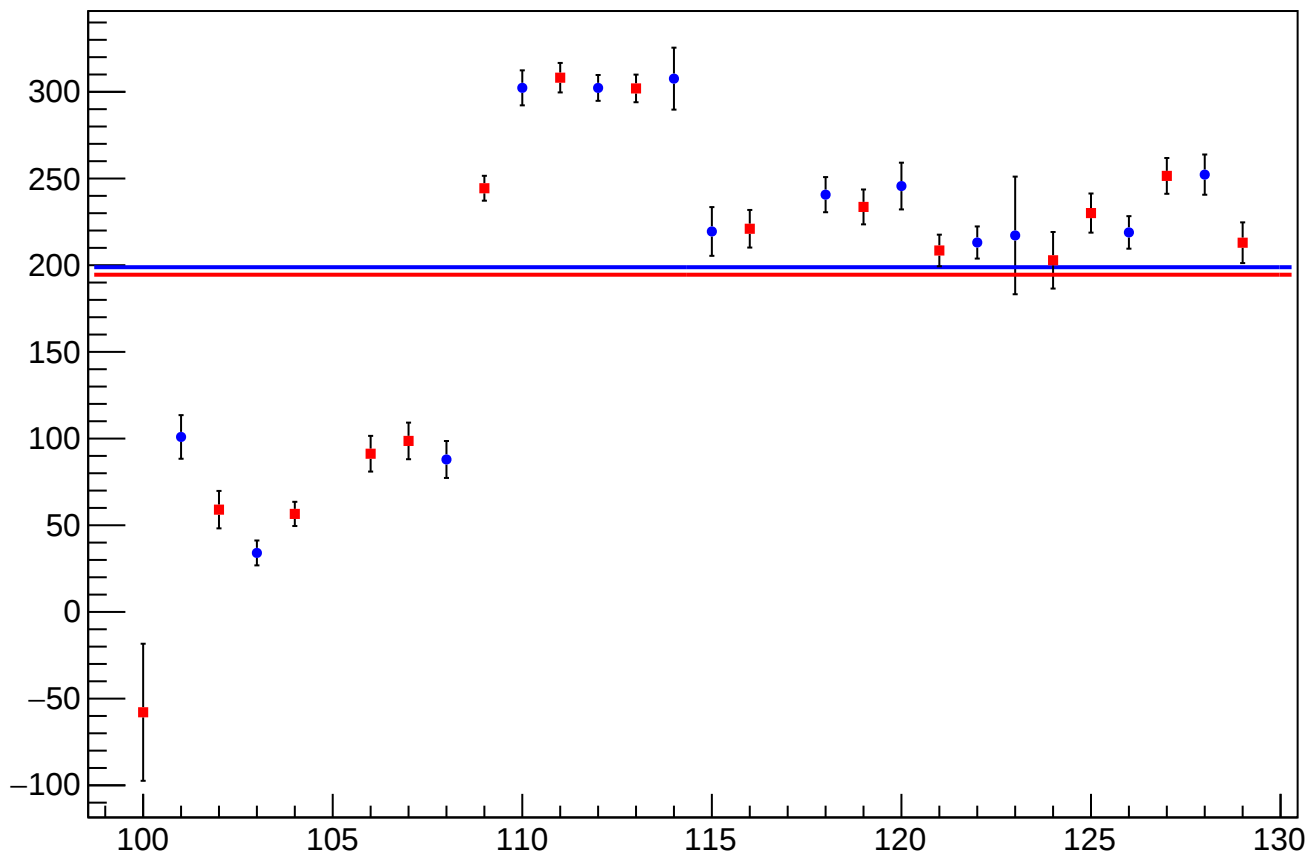
Right: -110.873+/-0.069 χ^2/NDF : 218608.4/27

In: -116.081+/-0.105 χ^2/NDF : 113034.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -110.873+/-0.069 χ^2/NDF : 218608.4/27

reg_asym_atr_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 198.852+/-2.923 χ^2/NDF : 1090.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 194.512+/-2.533 χ^2/NDF : 1247.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

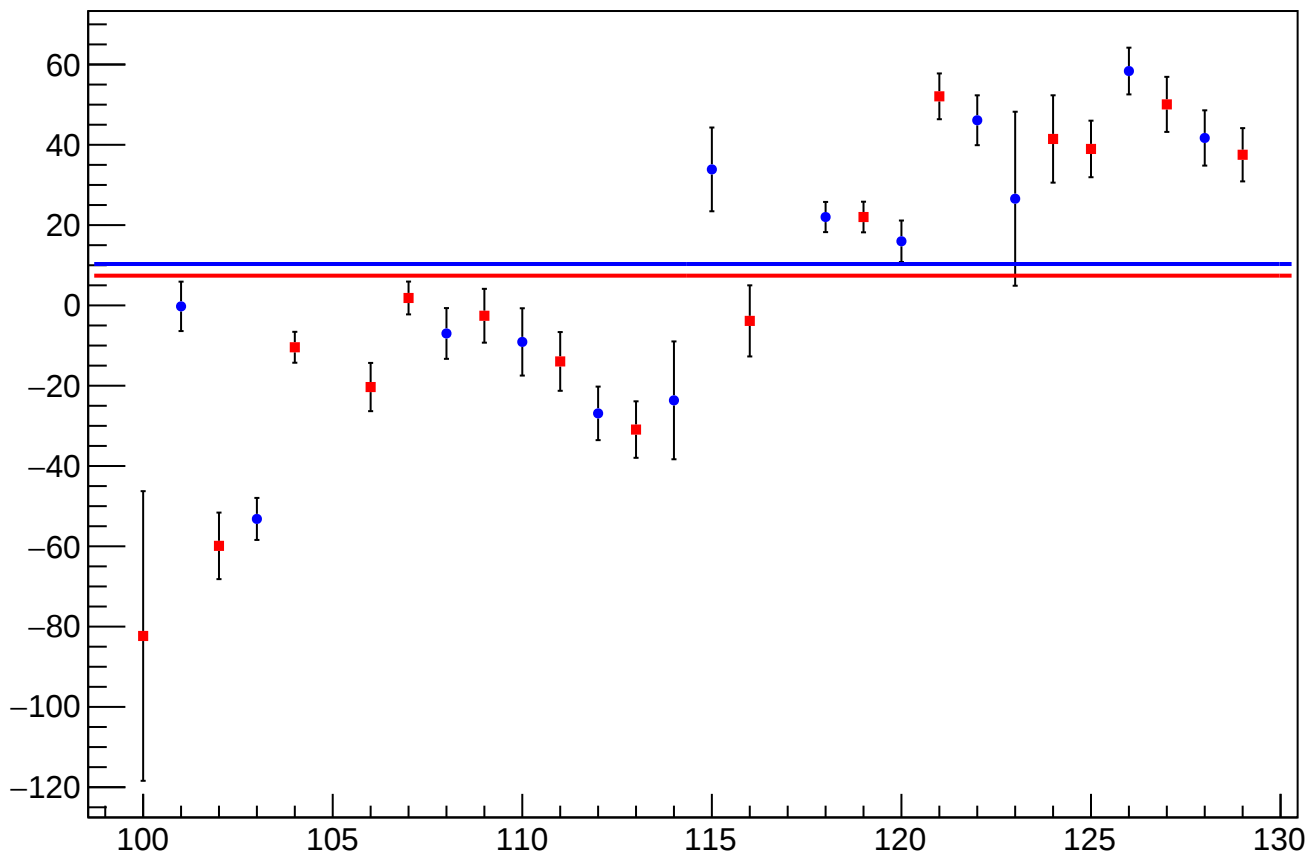
Right: 196.374+/-1.914 χ^2/NDF : 2339.4/27

In: 198.852+/-2.923 χ^2/NDF : 1090.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 196.374+/-1.914 χ^2/NDF : 2339.4/27

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.309+/-1.753 χ^2/NDF : 338.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.407+/-1.550 χ^2/NDF : 324.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

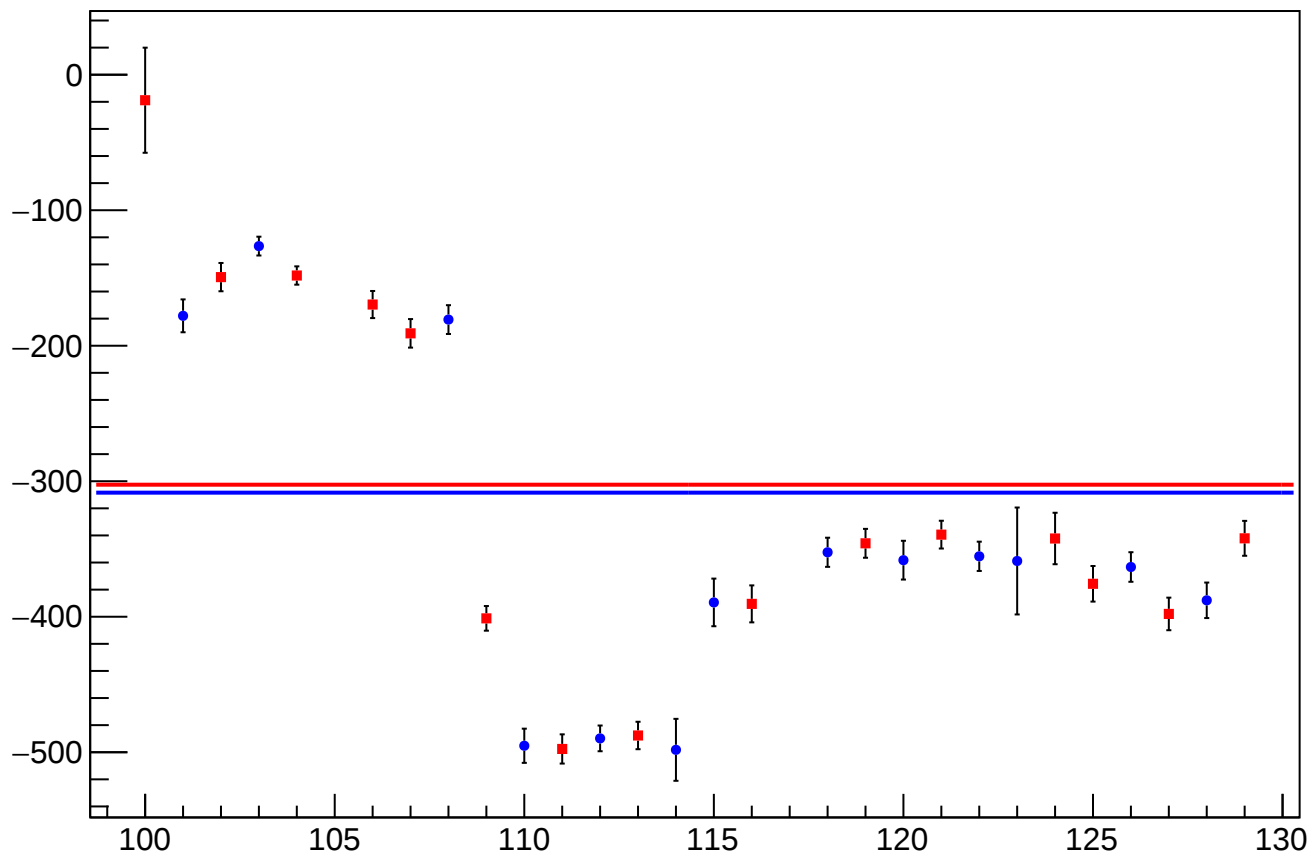
Right: 8.681+/-1.161 χ^2/NDF : 663.9/27

In: 10.309+/-1.753 χ^2/NDF : 338.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.681+/-1.161 χ^2/NDF : 663.9/27

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -308.429 ± 3.229 χ^2/NDF : 1733.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -302.560 ± 2.813 χ^2/NDF : 2037.8/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

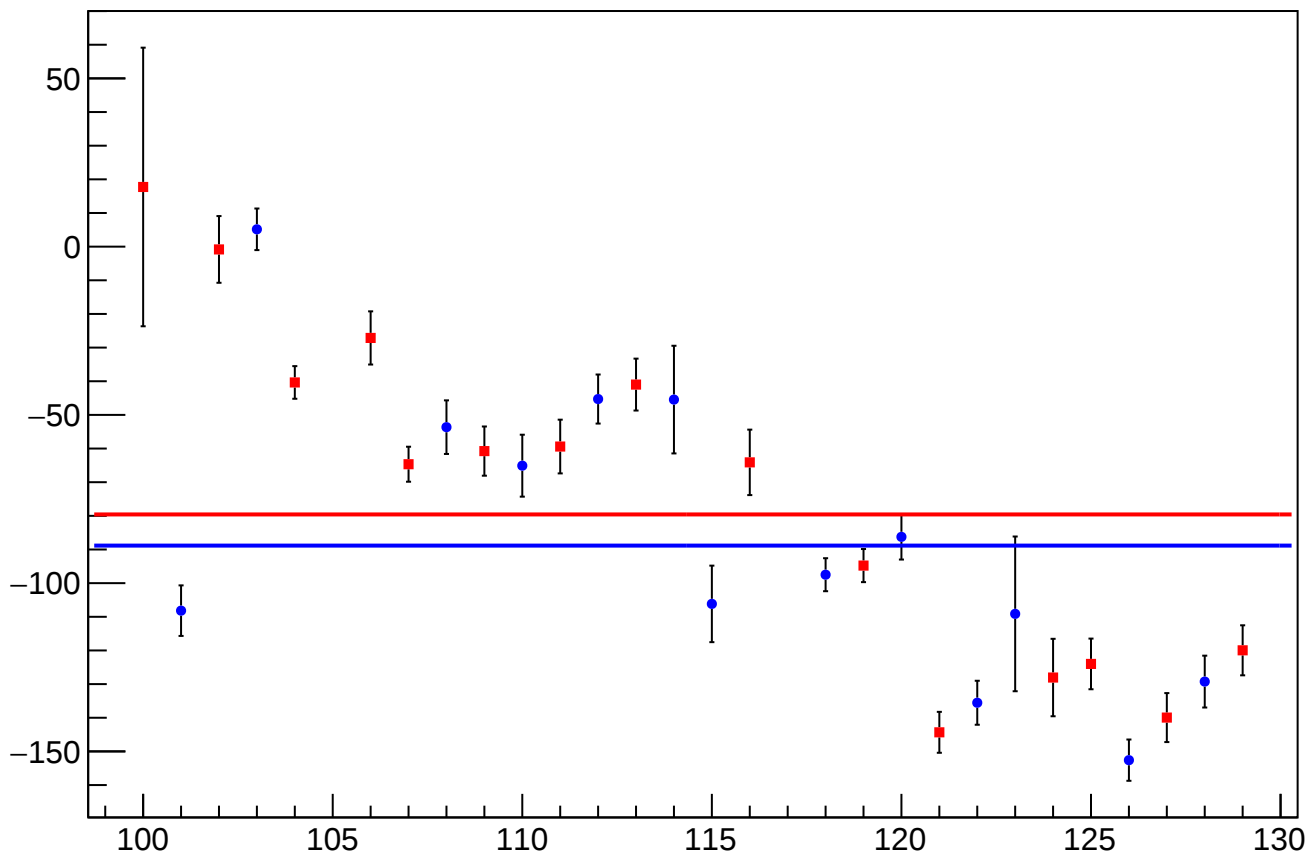
Right: -305.092 ± 2.121 χ^2/NDF : 3772.9/27

In: -308.429 ± 3.229 χ^2/NDF : 1733.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -305.092 ± 2.121 χ^2/NDF : 3772.9/27

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -88.842 $\pm$ 2.066 χ^2 /NDF: 500.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -79.581 $\pm$ 1.830 χ^2 /NDF: 500.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

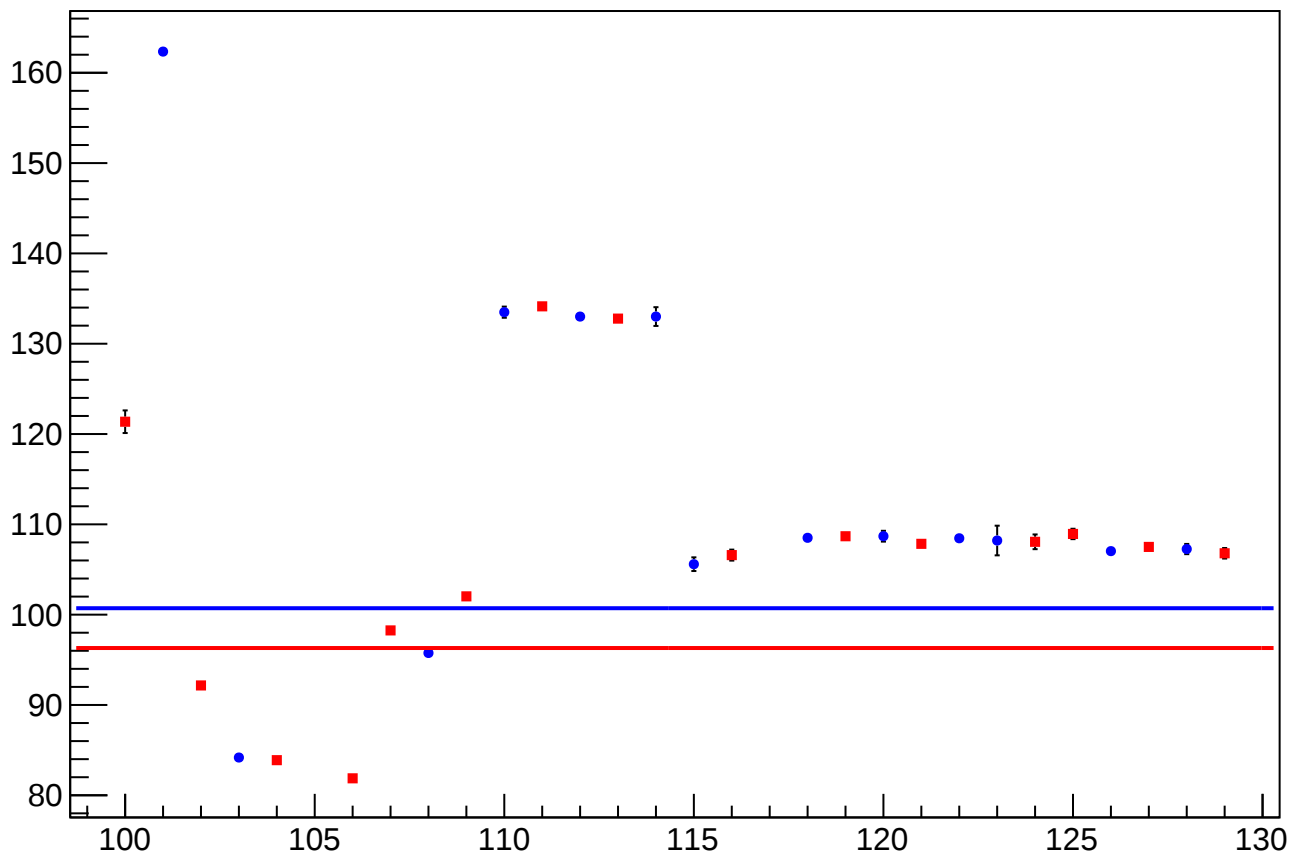
Right: -83.653 $\pm$ 1.370 χ^2 /NDF: 1012.1/27

In: -88.842 $\pm$ 2.066 χ^2 /NDF:500.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -83.653 $\pm$ 1.370 χ^2 /NDF: 1012.1/27

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 100.713+/-0.103 χ^2/NDF : 42112.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.305+/-0.090 χ^2/NDF : 24127.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

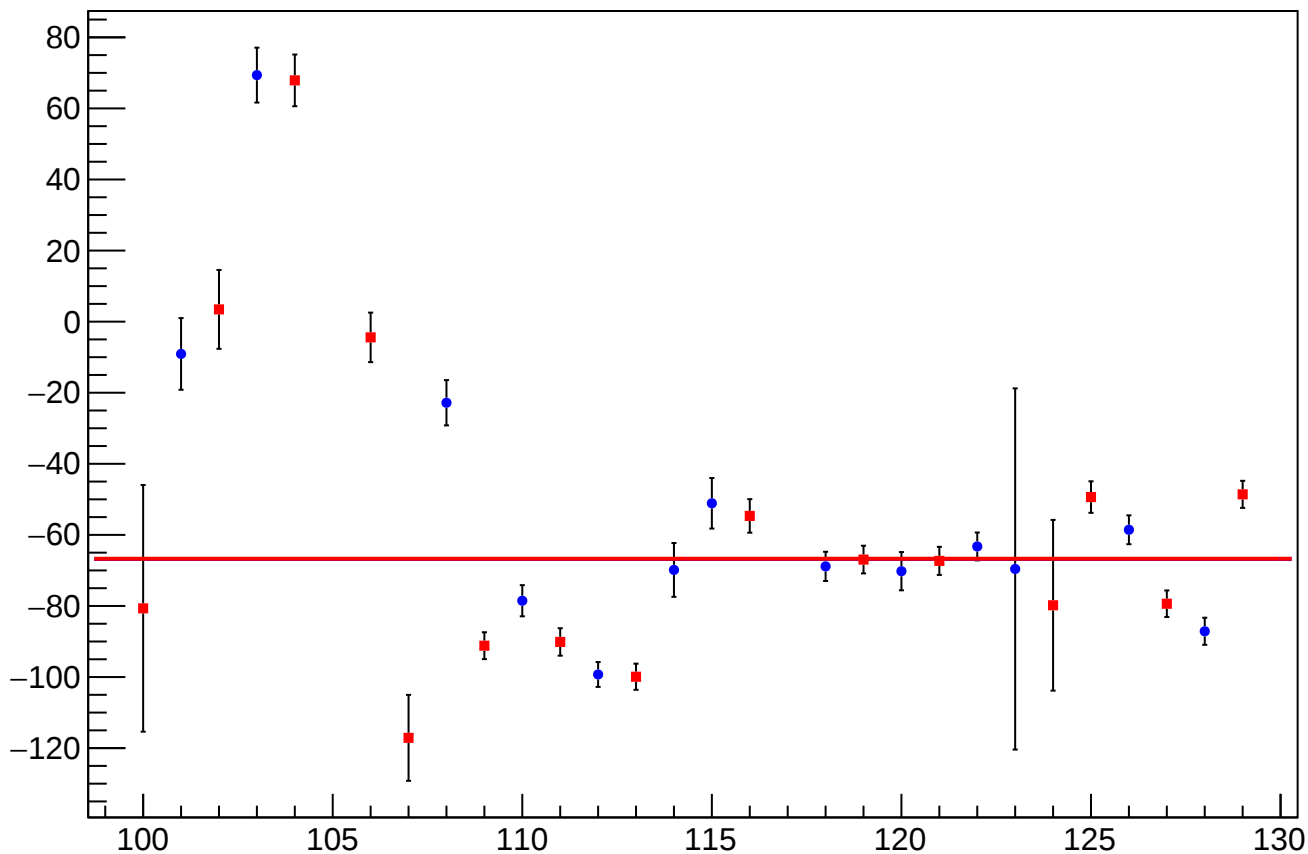
Right: 98.228+/-0.068 χ^2/NDF : 67275.2/27

In: 100.713+/-0.103 χ^2/NDF : 42112.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.228+/-0.068 χ^2/NDF : 67275.2/27

reg_asym_at1_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -66.781+/-1.399 χ^2/NDF : 523.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -66.718+/-1.256 χ^2/NDF : 696.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

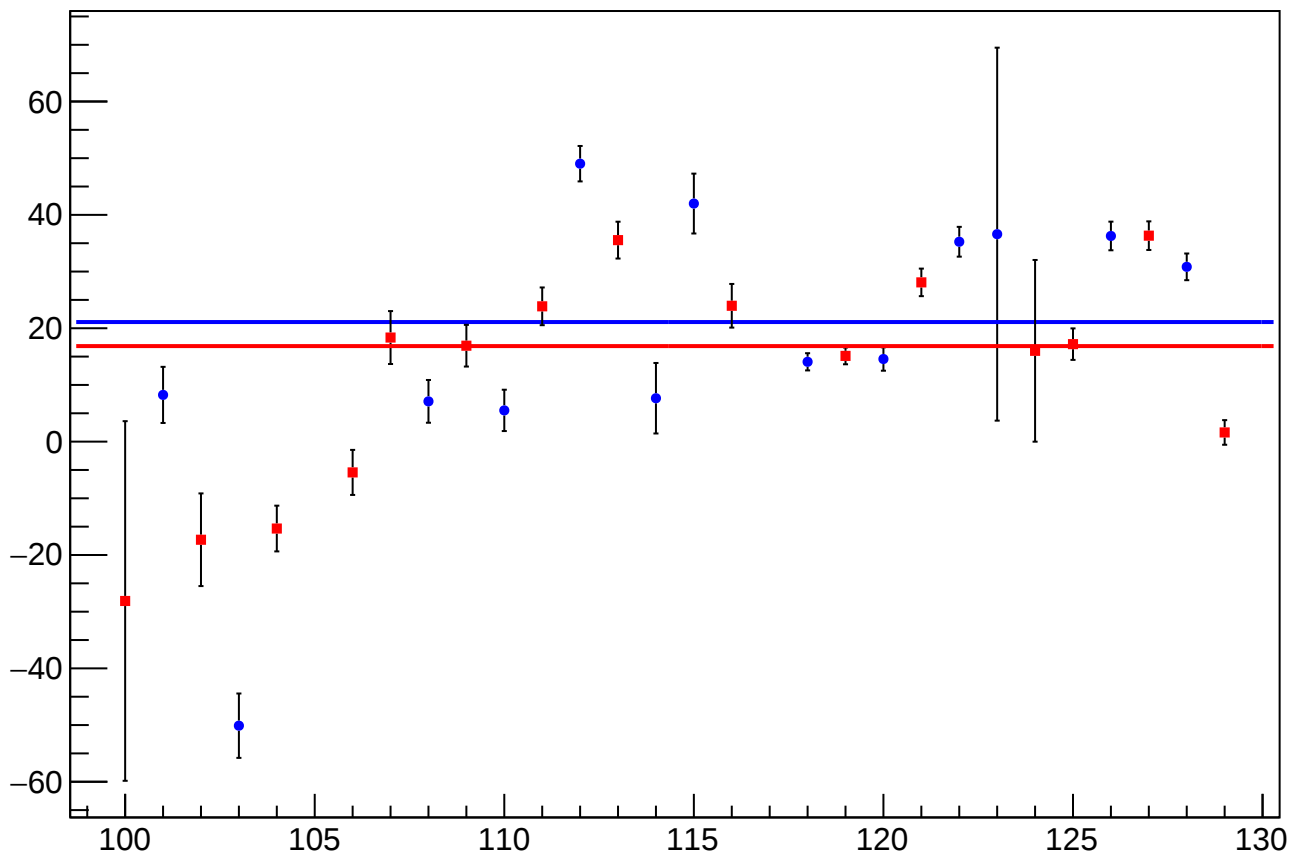
Right: -66.746+/-0.935 χ^2/NDF : 1220.1/27

In: -66.781+/-1.399 χ^2/NDF : 523.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -66.746+/-0.935 χ^2/NDF : 1220.1/27

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 21.094+/-0.808 χ^2/NDF : 410.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.852+/-0.781 χ^2/NDF : 287.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

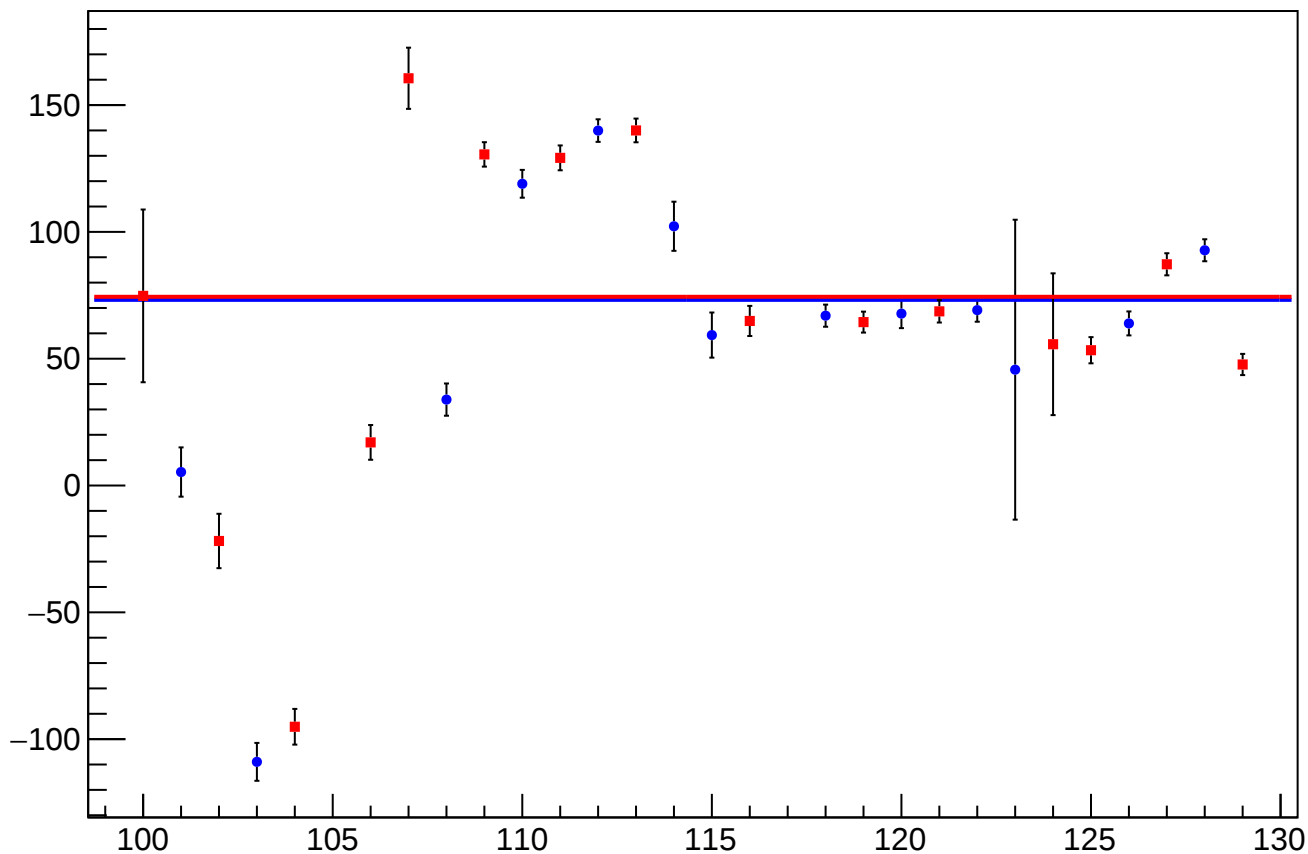
Right: 18.902+/-0.561 χ^2/NDF : 711.5/27

In: 21.094+/-0.808 χ^2/NDF : 410.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.902+/-0.561 χ^2/NDF : 711.5/27

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 73.201+/-1.602 χ^2 /NDF: 1015.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 74.411+/-1.450 χ^2 /NDF: 1316.2/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

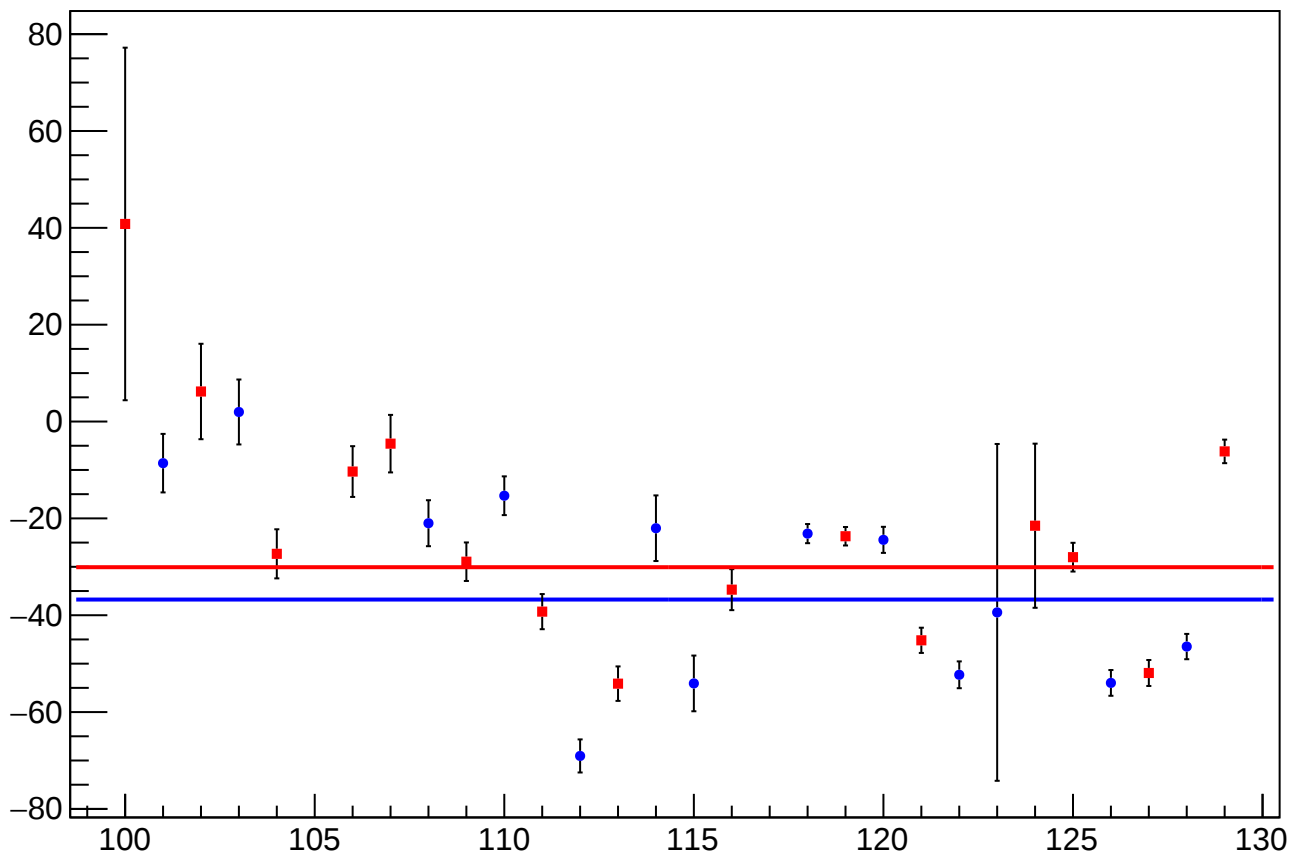
Right: 73.866+/-1.075 χ^2 /NDF: 2332.4/27

In: 73.201+/-1.602 χ^2 /NDF:1015.9/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 73.866+/-1.075 χ^2 /NDF: 2332.4/27

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -36.761 ± 0.950 χ^2/NDF : 353.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -30.081 ± 0.900 χ^2/NDF : 312.3/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

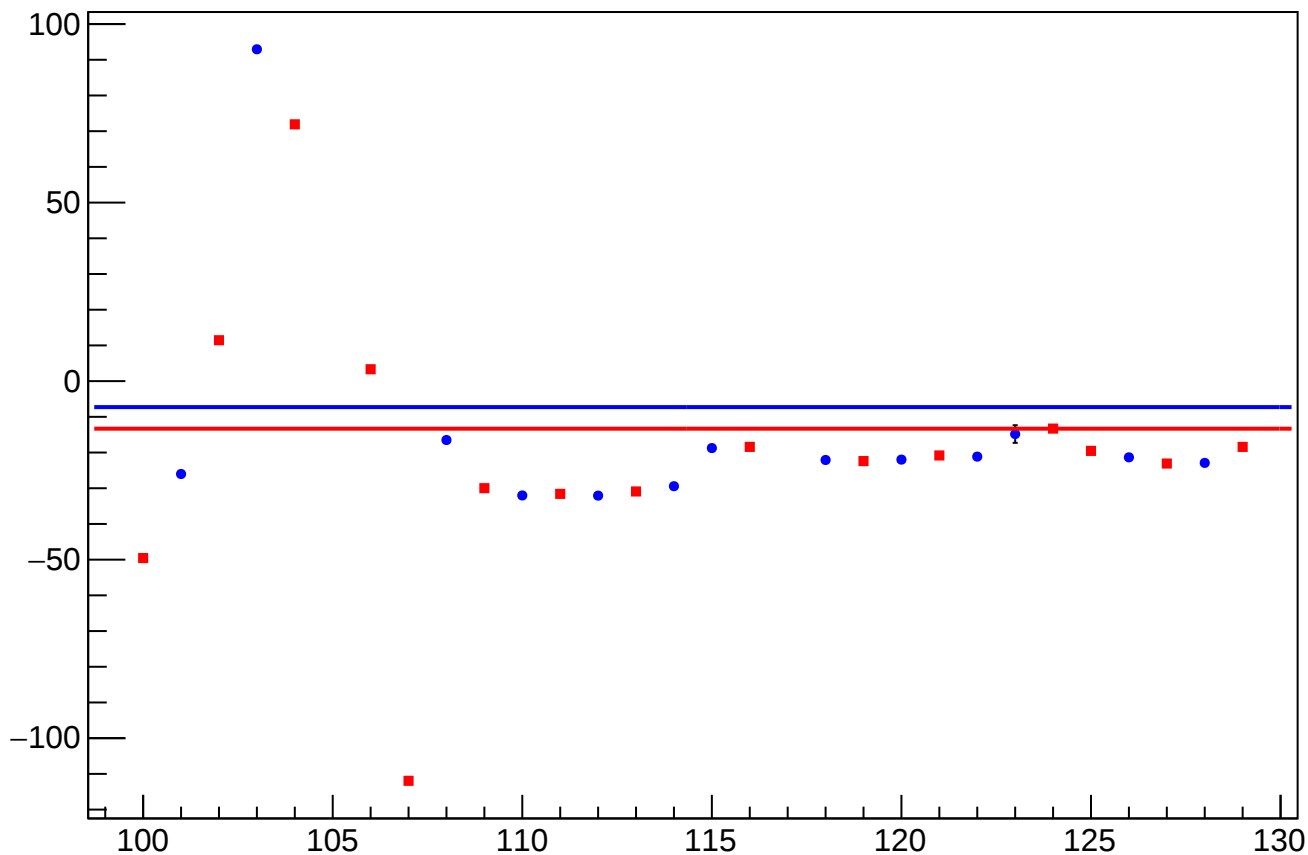
Right: -33.237 ± 0.653 χ^2/NDF : 691.9/27

In: -36.761 ± 0.950 χ^2/NDF : 353.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -33.237 ± 0.653 χ^2/NDF : 691.9/27

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -7.277+/-0.061 χ^2/NDF : 418581.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.323+/-0.057 χ^2/NDF : 402216.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

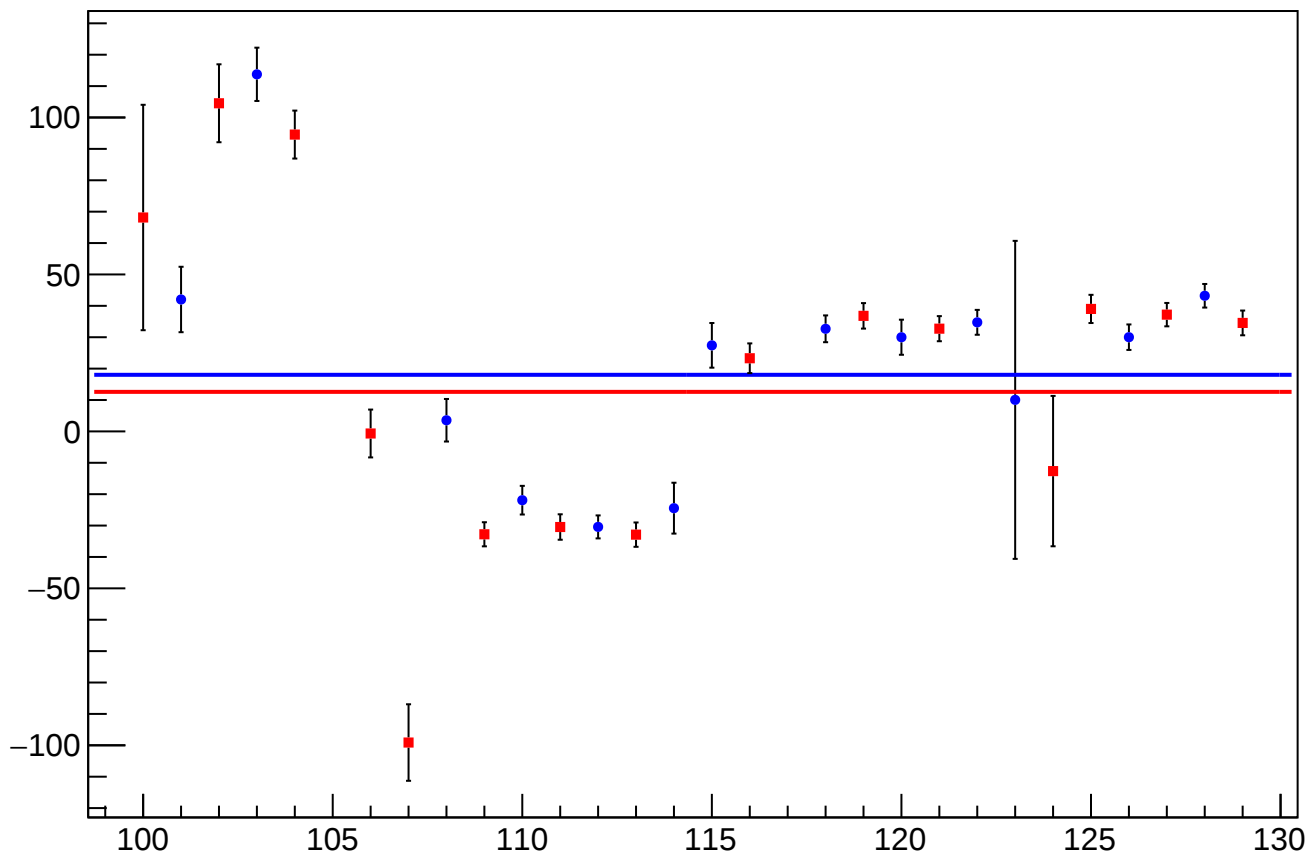
Right: -10.503+/-0.042 χ^2/NDF : 826032.3/27

In: -7.277+/-0.061 χ^2/NDF : 418581.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.503+/-0.042 χ^2/NDF : 826032.3/27

reg_asym_at1_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 18.027+/-1.436 χ^2 /NDF: 505.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 12.595+/-1.292 χ^2 /NDF: 825.8/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

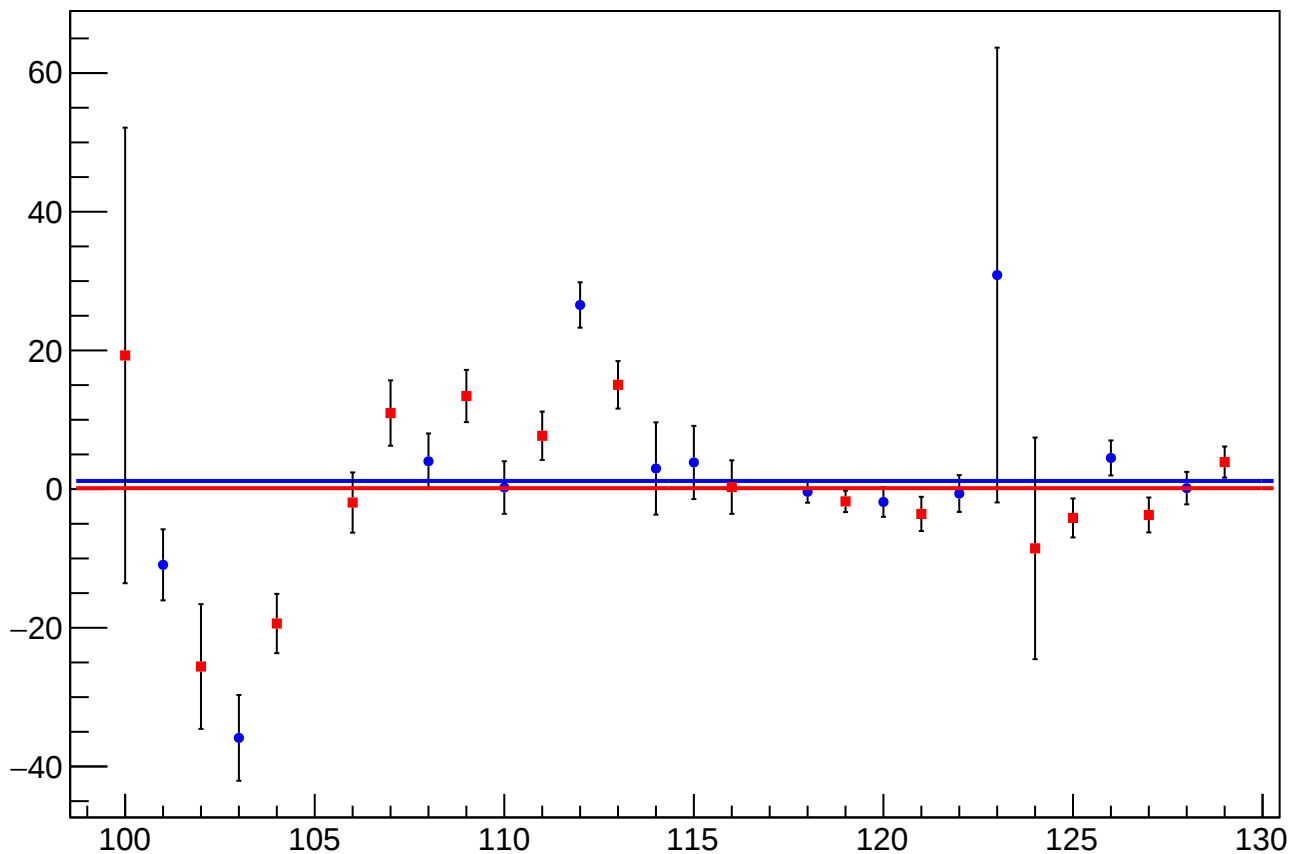
Right: 15.024+/-0.961 χ^2 /NDF: 1339.4/27

In: 18.027+/-1.436 χ^2 /NDF:505.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 15.024+/-0.961 χ^2 /NDF: 1339.4/27

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.176+/-0.830 χ^2/NDF : 108.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.134+/-0.805 χ^2/NDF : 82.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

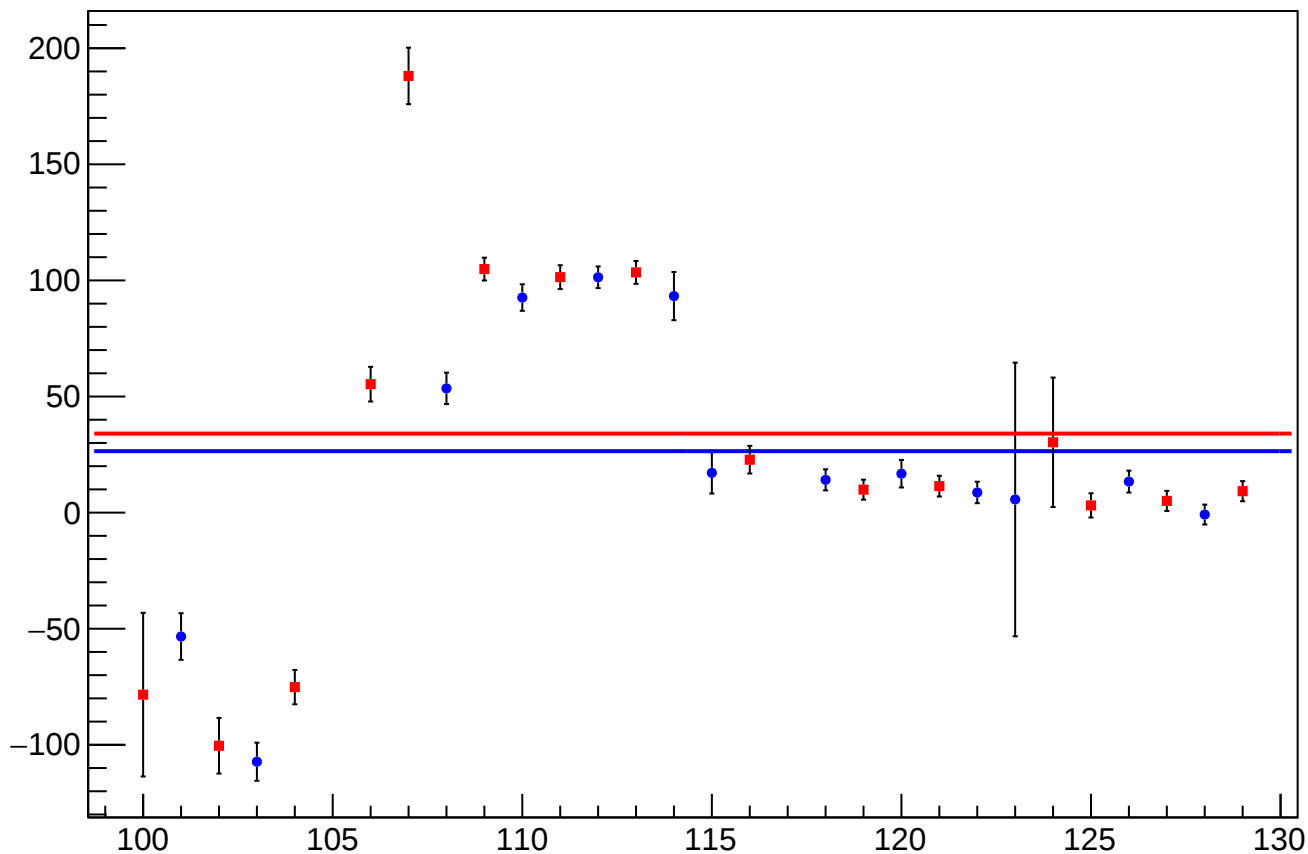
Right: 0.639+/-0.578 χ^2/NDF : 192.0/27

In: 1.176+/-0.830 χ^2/NDF :108.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.639+/-0.578 χ^2/NDF : 192.0/27

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 26.467 $\pm$ 1.646 χ^2 /NDF: 852.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 34.028 $\pm$ 1.494 χ^2 /NDF: 1274.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

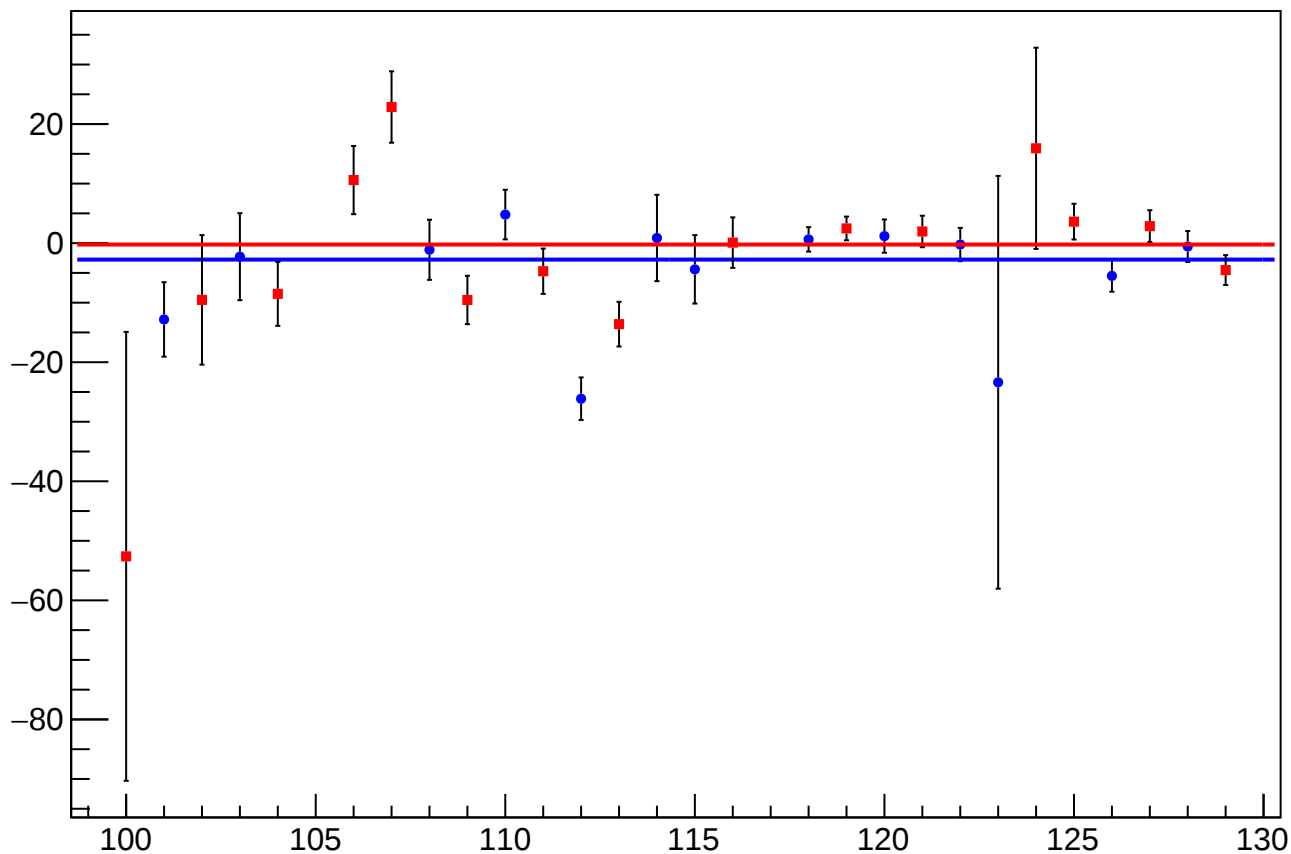
Right: 30.613 $\pm$ 1.106 χ^2 /NDF: 2138.8/27

In: 26.467 $\pm$ 1.646 χ^2 /NDF: 852.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.613 $\pm$ 1.106 χ^2 /NDF: 2138.8/27

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.761 ± 0.975 χ^2/NDF : 56.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.236 ± 0.926 χ^2/NDF : 52.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

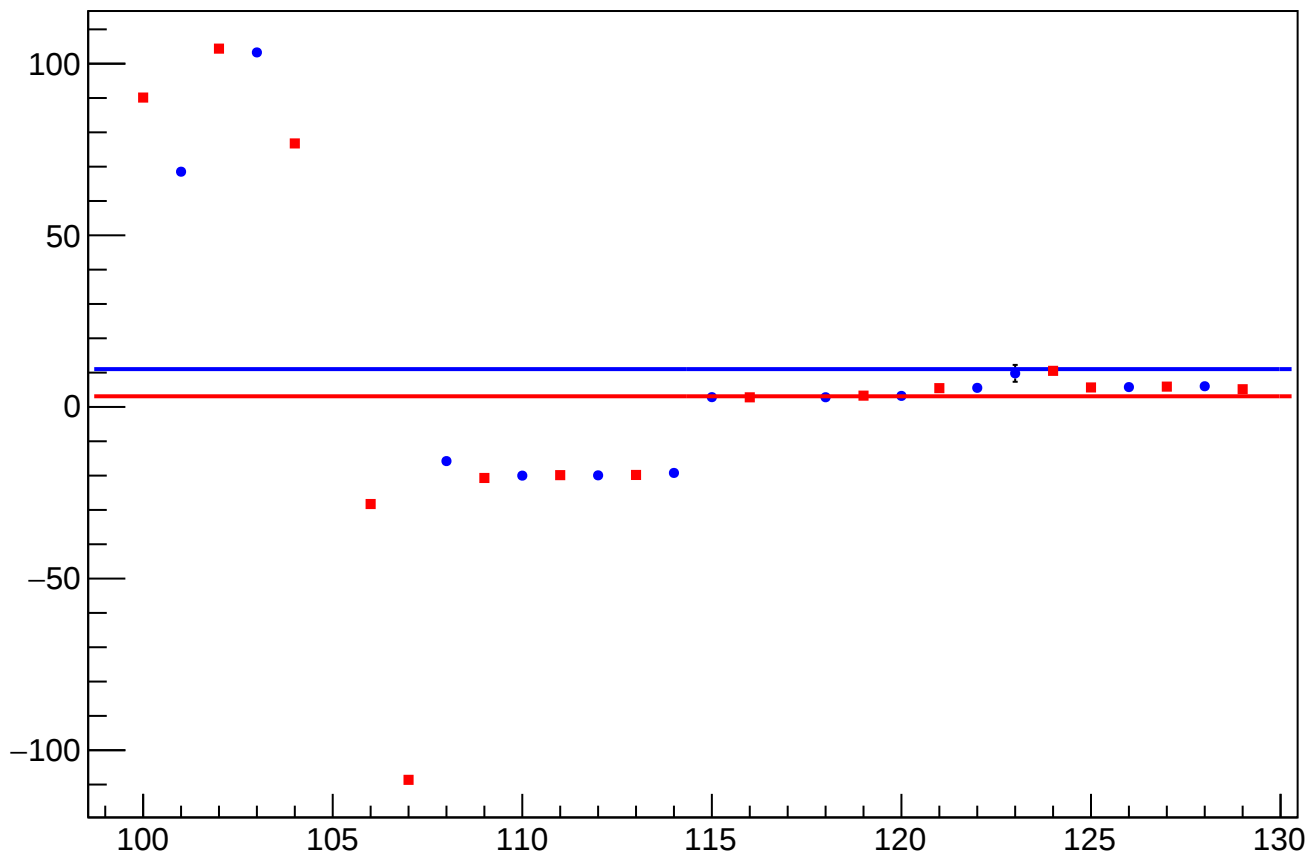
Right: -1.433 ± 0.671 χ^2/NDF : 112.3/27

In: -2.761 ± 0.975 χ^2/NDF : 56.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.433 ± 0.671 χ^2/NDF : 112.3/27

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 11.023+/-0.063 χ^2/NDF : 349509.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.107+/-0.059 χ^2/NDF : 510397.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

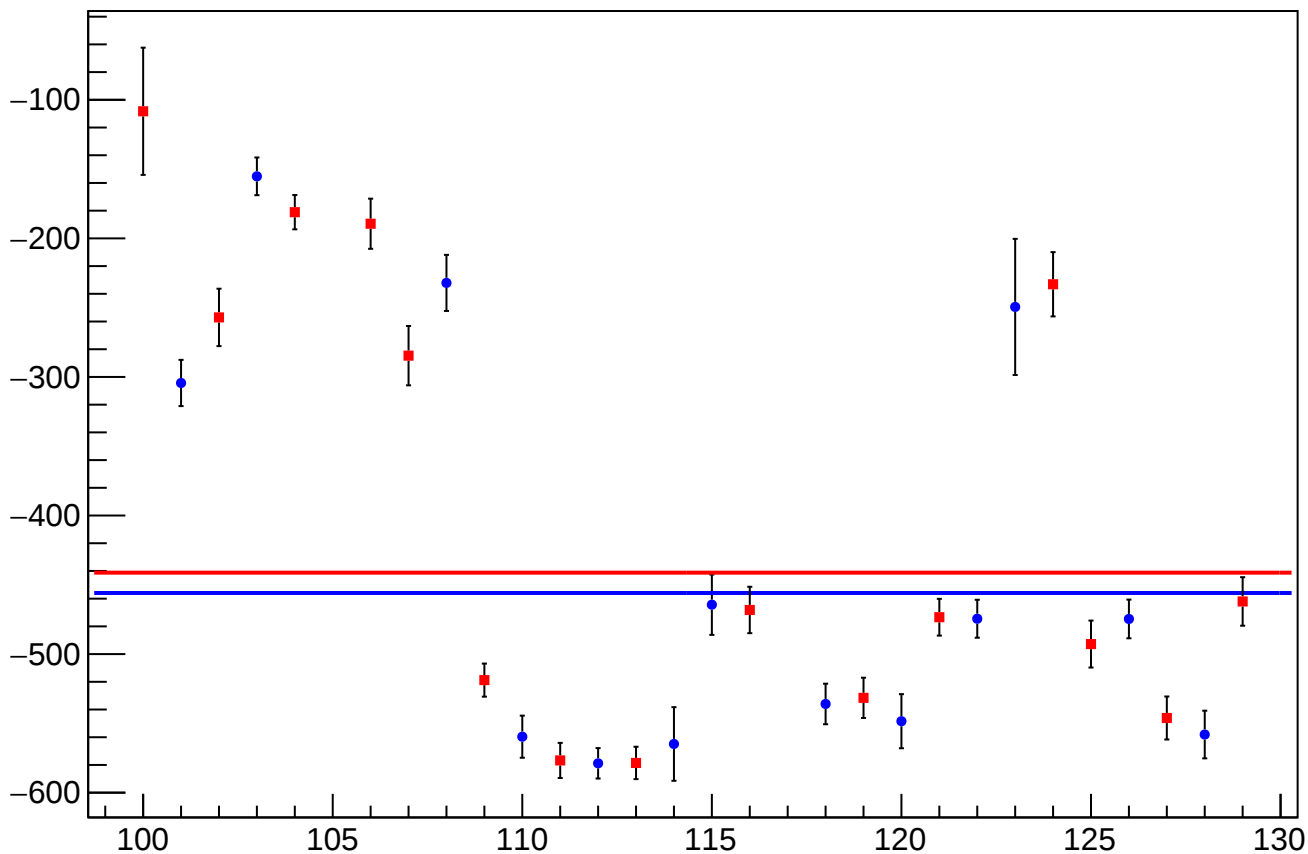
Right: 6.804+/-0.043 χ^2/NDF : 868219.1/27

In: 11.023+/-0.063 χ^2/NDF : 349509.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.804+/-0.043 χ^2/NDF : 868219.1/27

reg_asym_at2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -455.900+/-4.510 χ^2/NDF : 991.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -441.233+/-4.020 χ^2/NDF : 1299.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

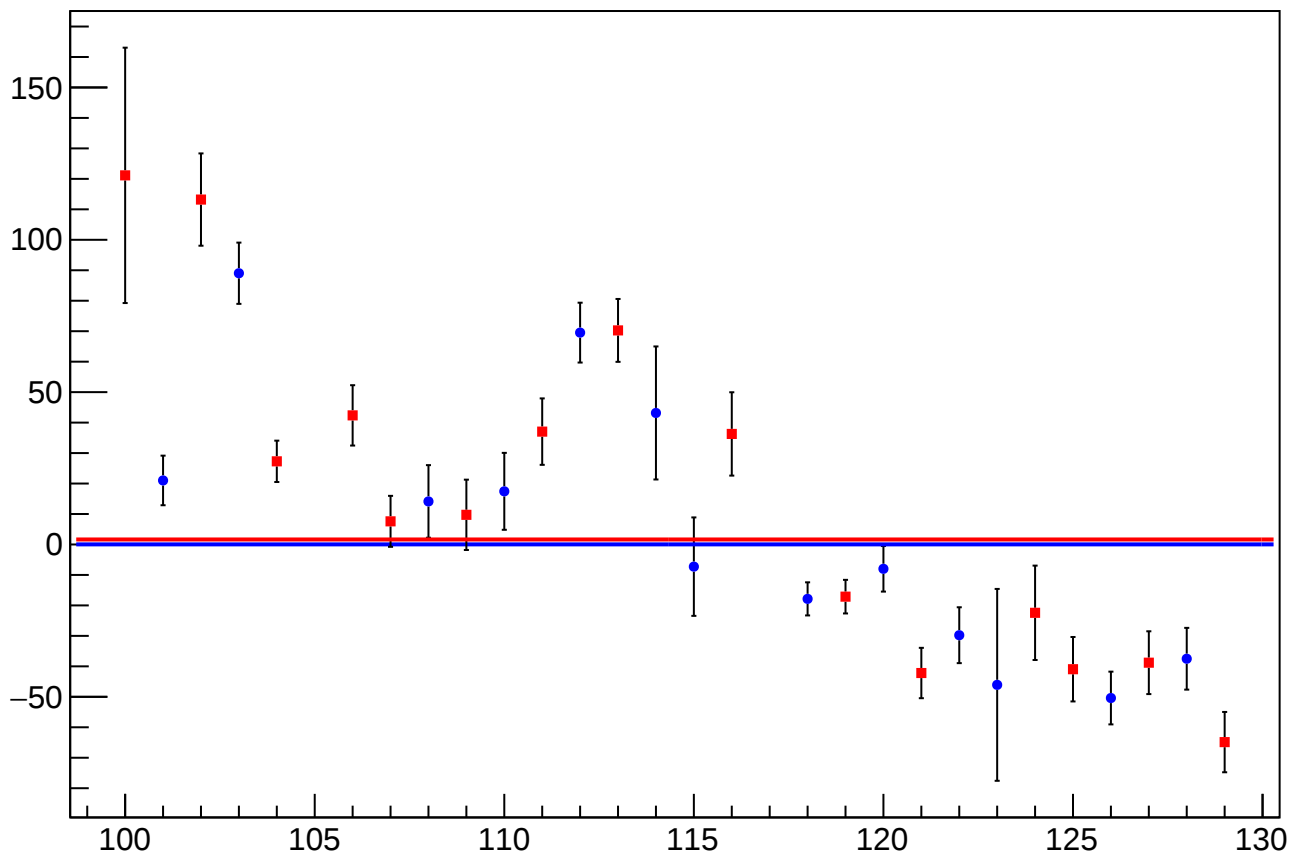
Right: -447.727+/-3.001 χ^2/NDF : 2296.0/27

In: -455.900+/-4.510 χ^2/NDF : 991.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -447.727+/-3.001 χ^2/NDF : 2296.0/27

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.031+/-2.650 χ^2/NDF : 214.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.642+/-2.484 χ^2/NDF : 274.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

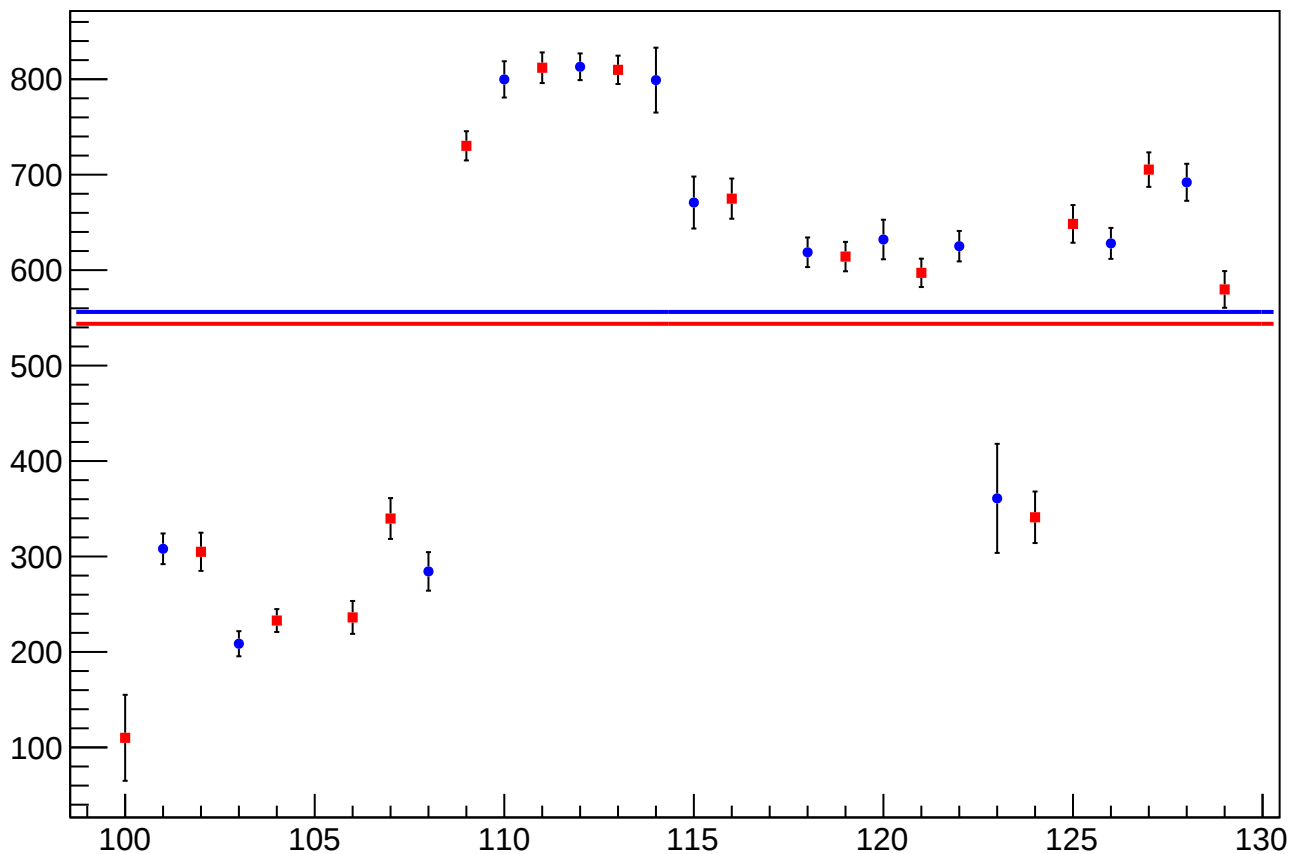
Right: 0.888+/-1.813 χ^2/NDF : 489.7/27

In: 0.031+/-2.650 χ^2/NDF : 214.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.888+/-1.813 χ^2/NDF : 489.7/27

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 556.207+/-5.040 χ^2/NDF : 1816.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 543.779+/-4.522 χ^2/NDF : 2307.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

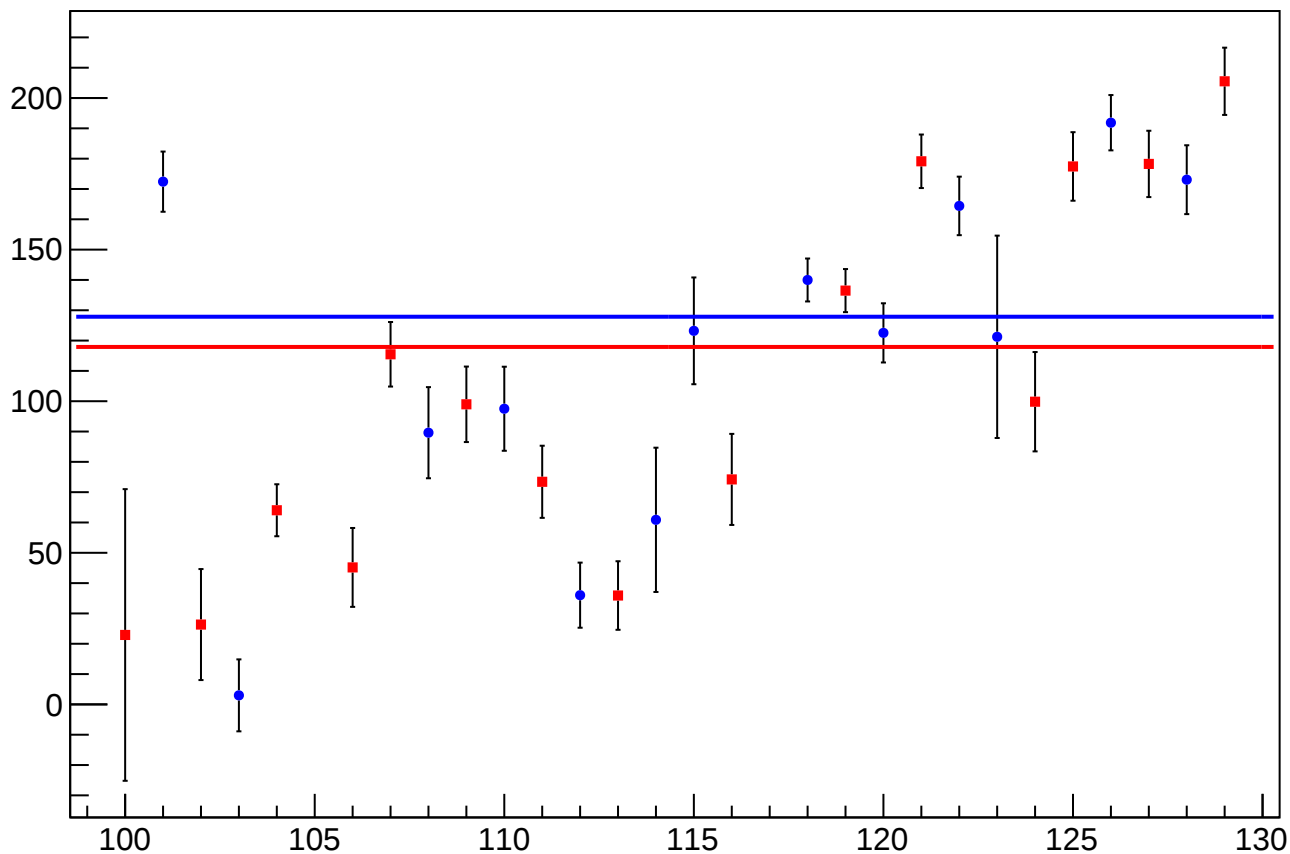
Right: 549.322+/-3.366 χ^2/NDF : 4127.2/27

In: 556.207+/-5.040 χ^2/NDF : 1816.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 549.322+/-3.366 χ^2/NDF : 4127.2/27

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 127.866+/-3.125 χ^2/NDF : 305.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.901+/-2.909 χ^2/NDF : 353.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

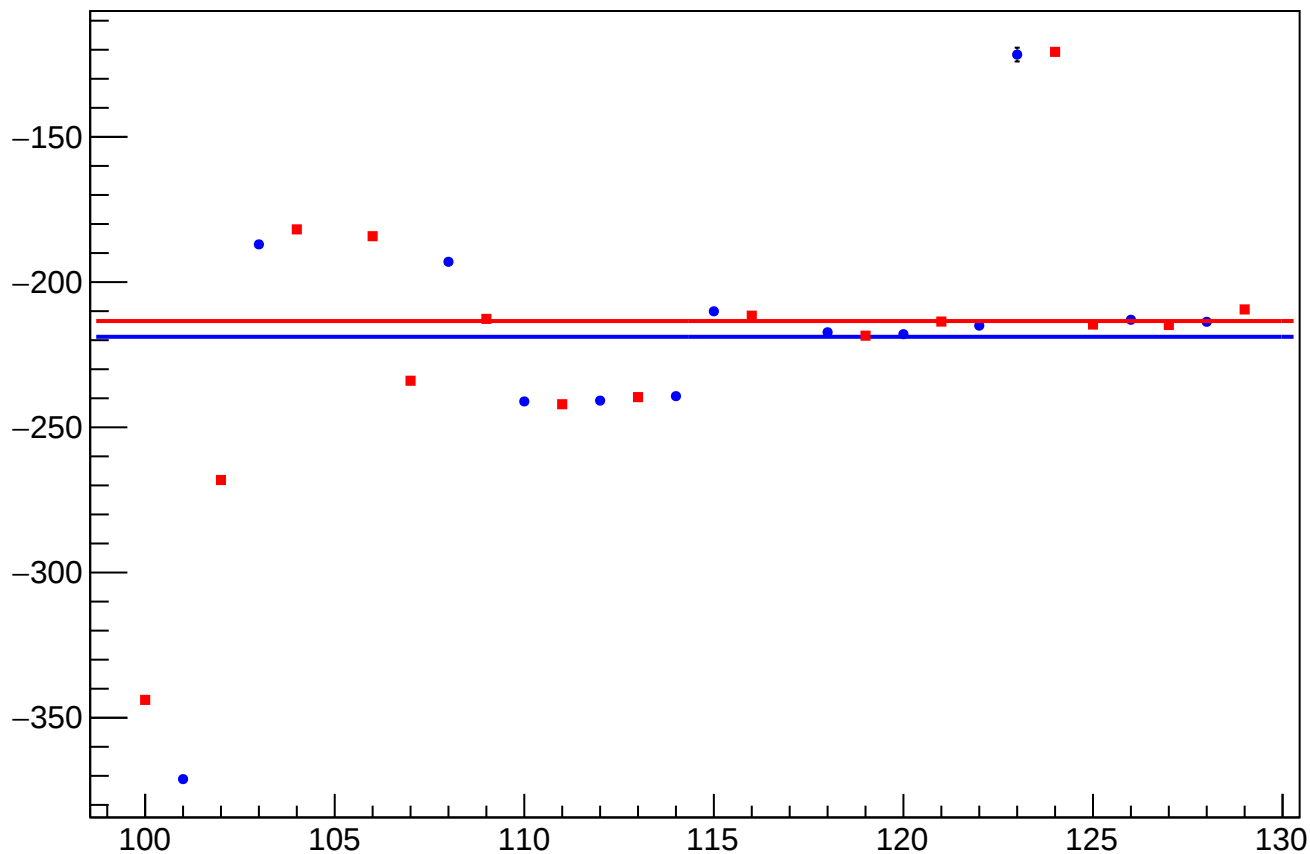
Right: 122.527+/-2.129 χ^2/NDF : 665.2/27

In: 127.866+/-3.125 χ^2/NDF : 305.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.527+/-2.129 χ^2/NDF : 665.2/27

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -218.832+/-0.173 χ^2/NDF : 87804.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -213.403+/-0.157 χ^2/NDF : 46883.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

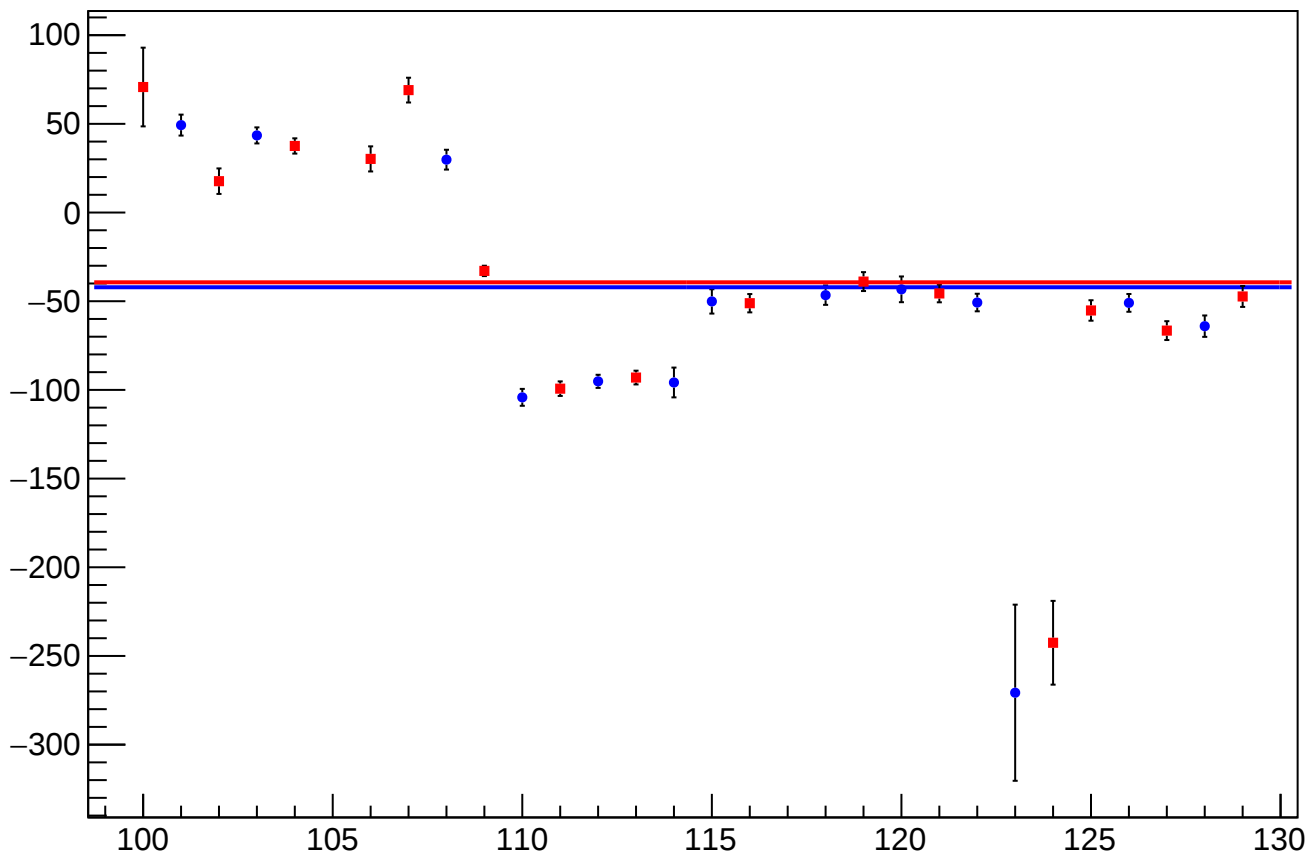
Right: -215.847+/-0.116 χ^2/NDF : 135228.9/27

In: -218.832+/-0.173 χ^2/NDF : 87804.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -215.847+/-0.116 χ^2/NDF : 135228.9/27

reg_asym_at2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -42.131+/-1.537 χ^2/NDF : 1222.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -39.341+/-1.327 χ^2/NDF : 1270.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

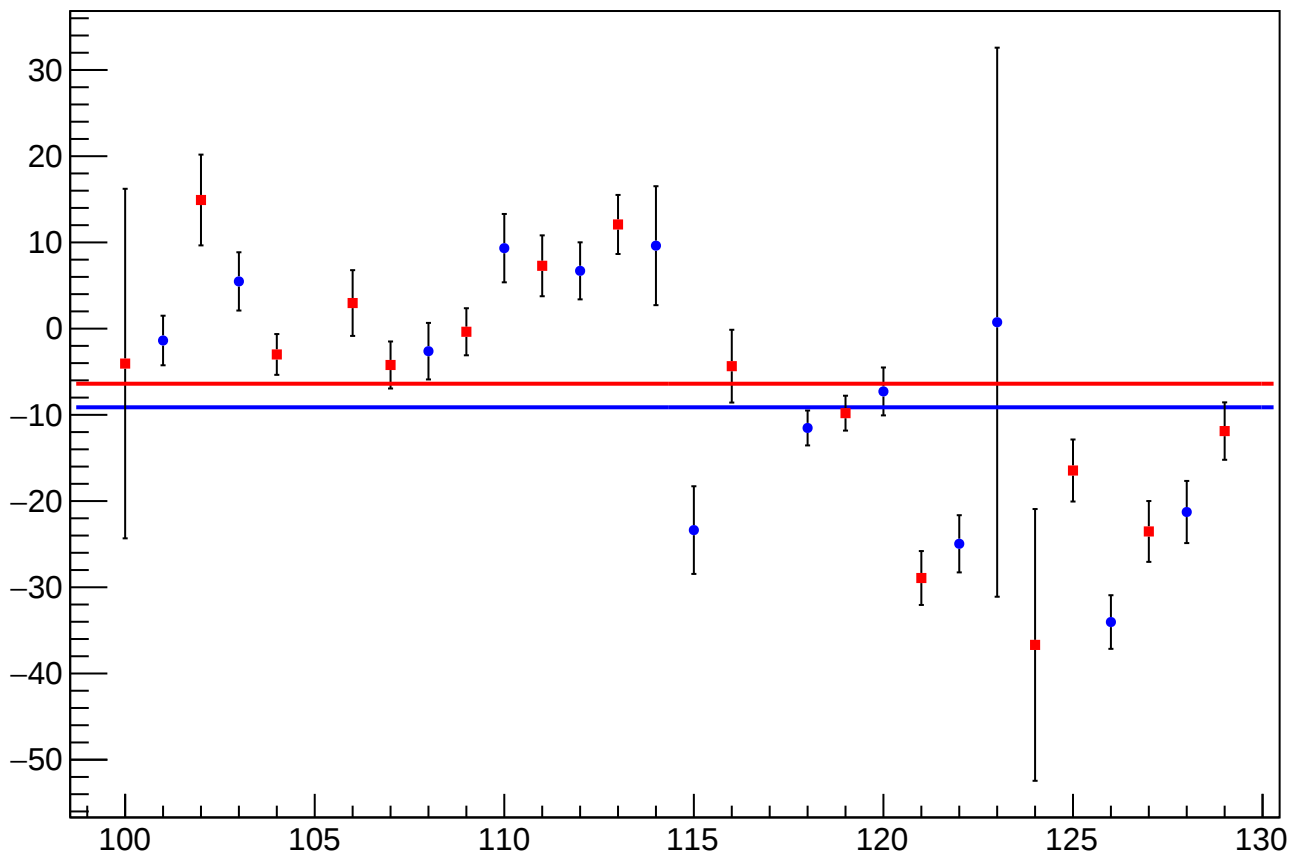
Right: -40.532+/-1.005 χ^2/NDF : 2495.0/27

In: -42.131+/-1.537 χ^2/NDF :1222.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -40.532+/-1.005 χ^2/NDF : 2495.0/27

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -9.124 ± 0.928 χ^2/NDF : 189.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.390 ± 0.853 χ^2/NDF : 167.0/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

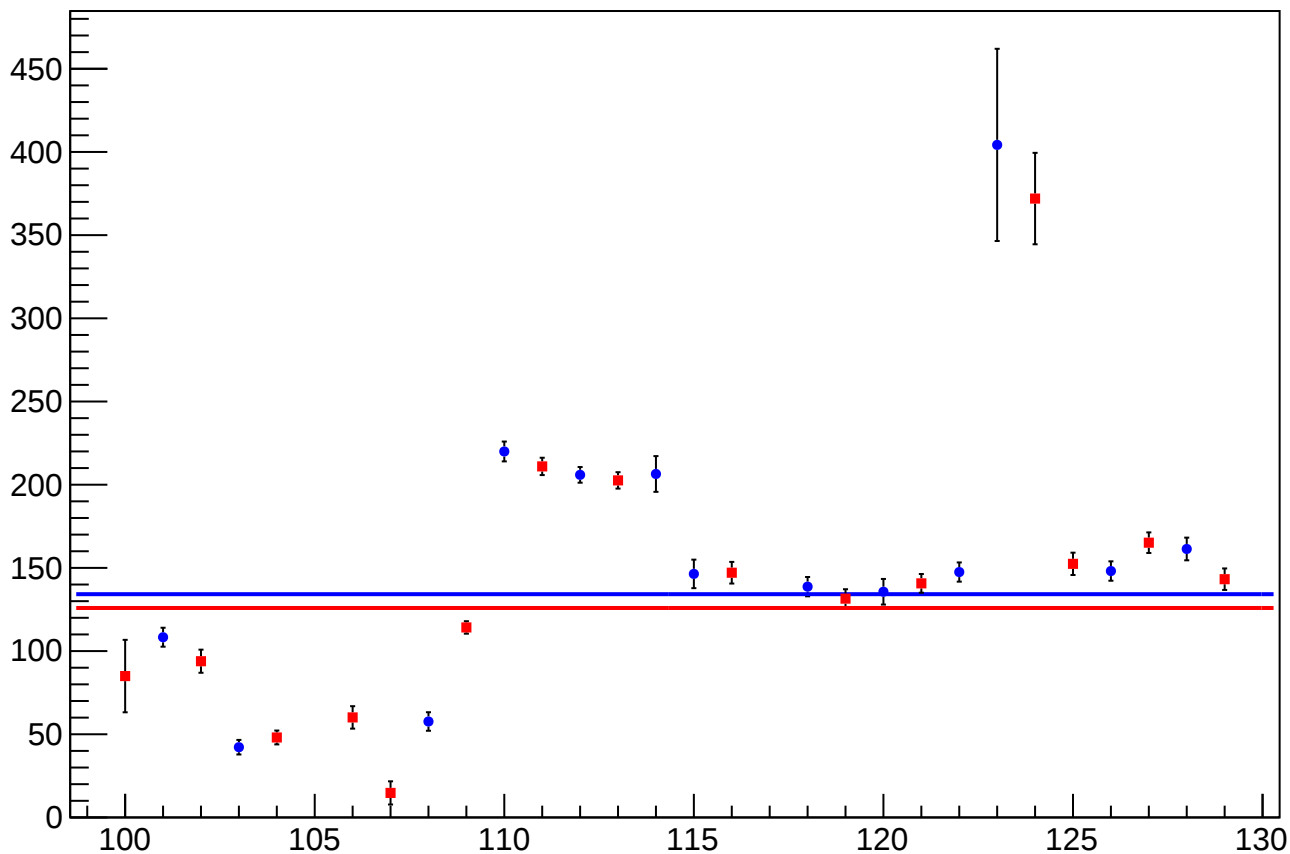
Right: -7.642 ± 0.628 χ^2/NDF : 361.5/27

In: -9.124 ± 0.928 χ^2/NDF : 189.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.642 ± 0.628 χ^2/NDF : 361.5/27

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 134.199+/-1.718 χ^2/NDF : 1186.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.904+/-1.520 χ^2/NDF : 1404.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

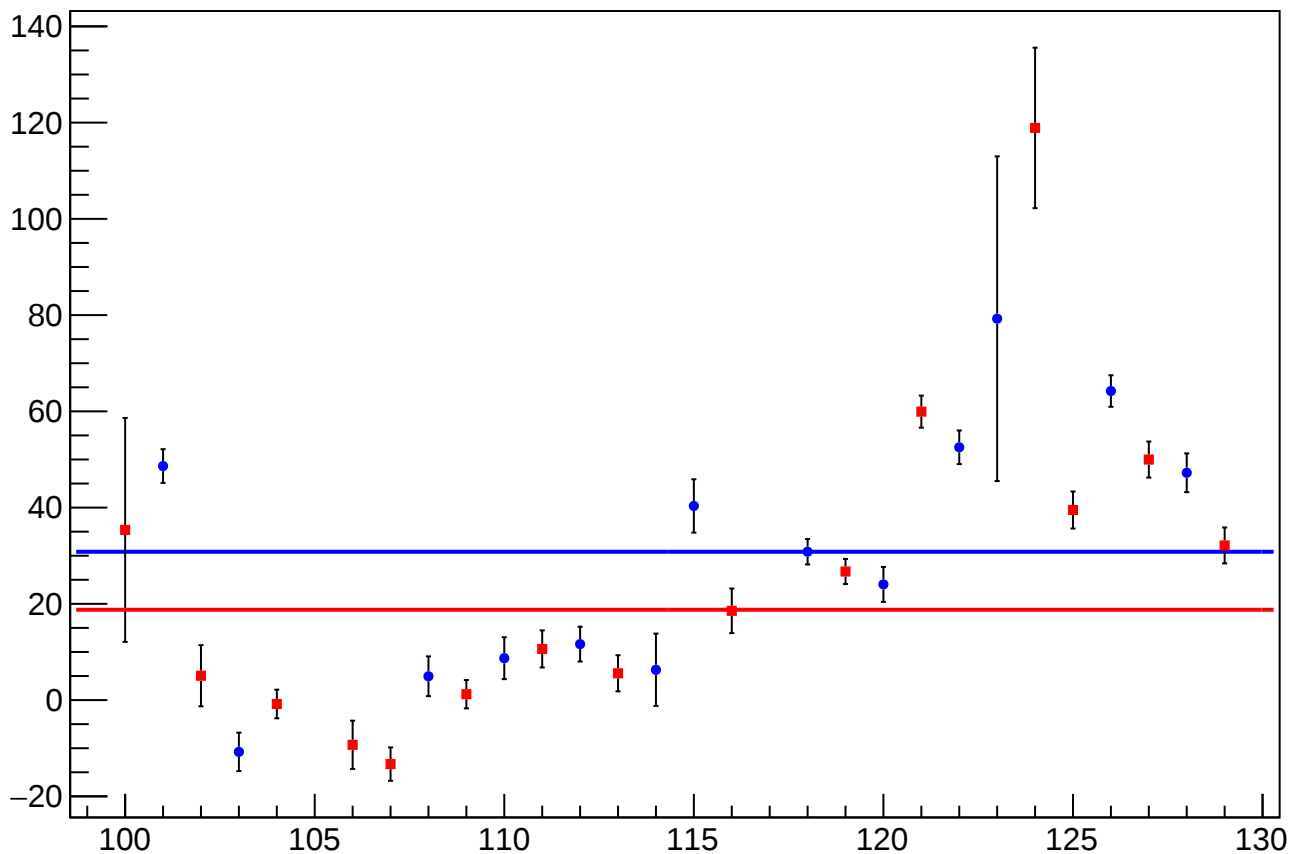
Right: 129.546+/-1.139 χ^2/NDF : 2604.1/27

In: 134.199+/-1.718 χ^2/NDF : 1186.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.546+/-1.139 χ^2/NDF : 2604.1/27

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 30.823+/-1.092 χ^2 /NDF: 405.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 18.772+/-0.993 χ^2 /NDF: 526.5/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

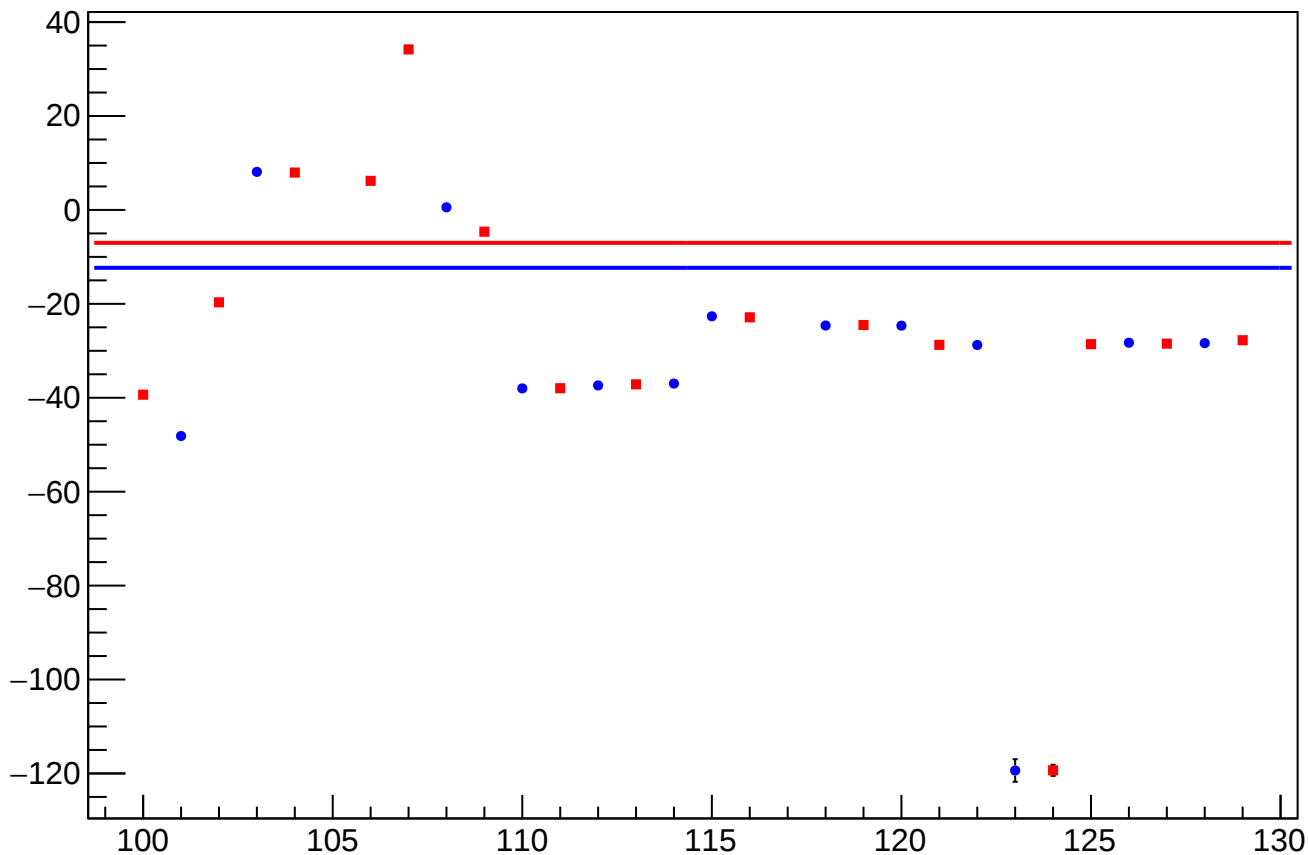
Right: 24.231+/-0.735 χ^2 /NDF: 999.1/27

In: 30.823+/-1.092 χ^2 /NDF:405.9/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 24.231+/-0.735 χ^2 /NDF: 999.1/27

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -12.327+/-0.057 χ^2/NDF : 125835.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.008+/-0.053 χ^2/NDF : 174783.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

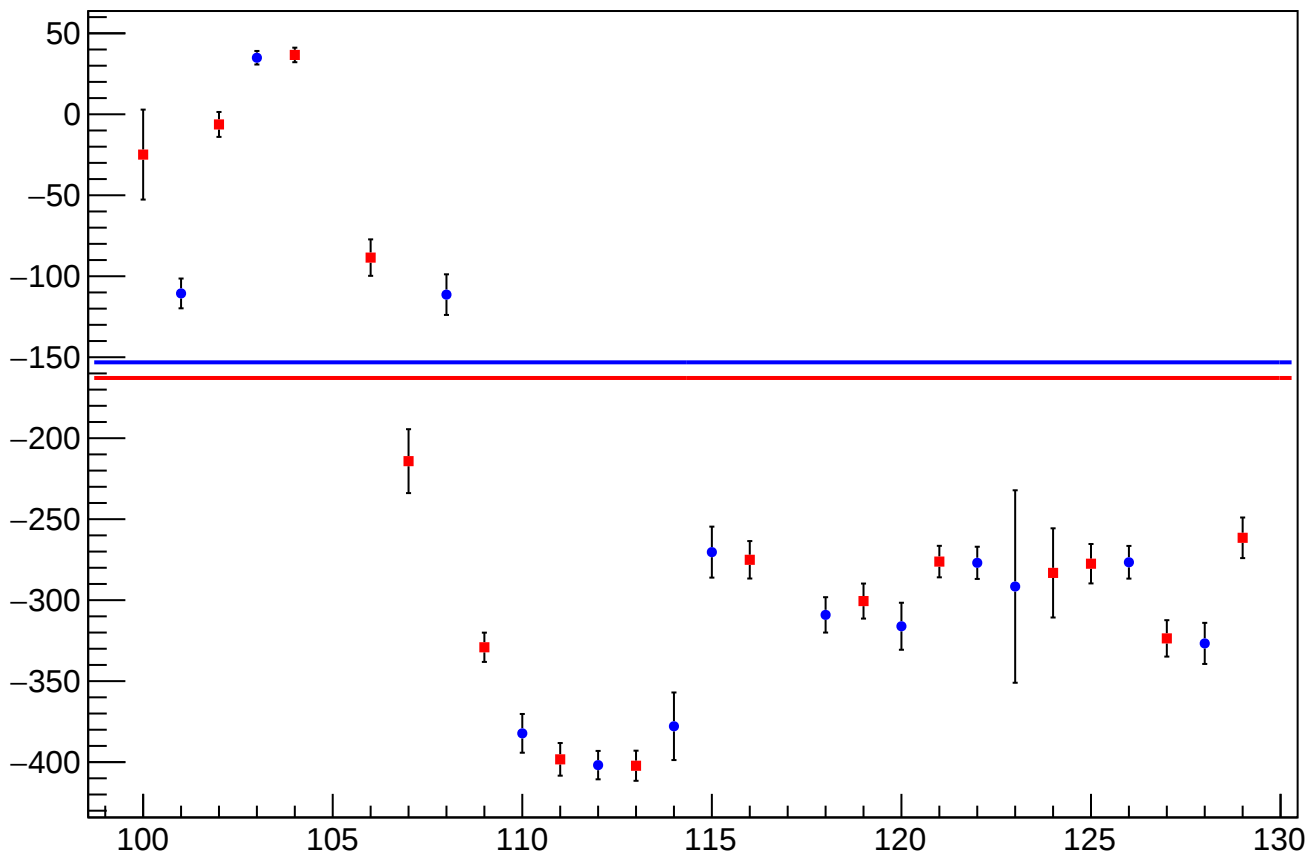
Right: -9.471+/-0.039 χ^2/NDF : 305244.1/27

In: -12.327+/-0.057 χ^2/NDF : 125835.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.471+/-0.039 χ^2/NDF : 305244.1/27

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -153.155+/-2.662 χ^2/NDF : 4218.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -162.816+/-2.494 χ^2/NDF : 4776.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

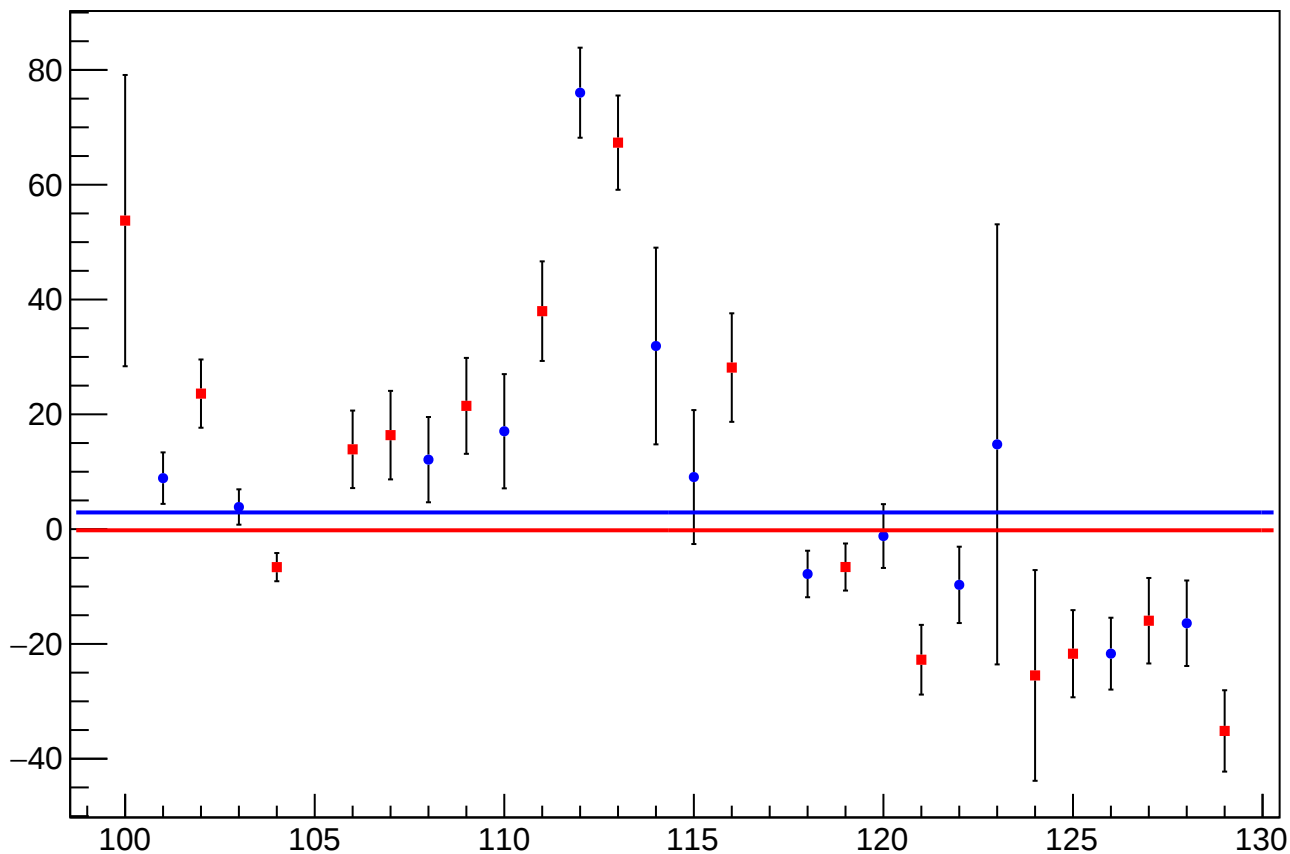
Right: -158.302+/-1.820 χ^2/NDF : 9001.5/27

In: -153.155+/-2.662 χ^2/NDF :4218.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -158.302+/-1.820 χ^2/NDF : 9001.5/27

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.908 $\pm$ 1.643 χ^2 /NDF: 128.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.203 $\pm$ 1.520 χ^2 /NDF: 194.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

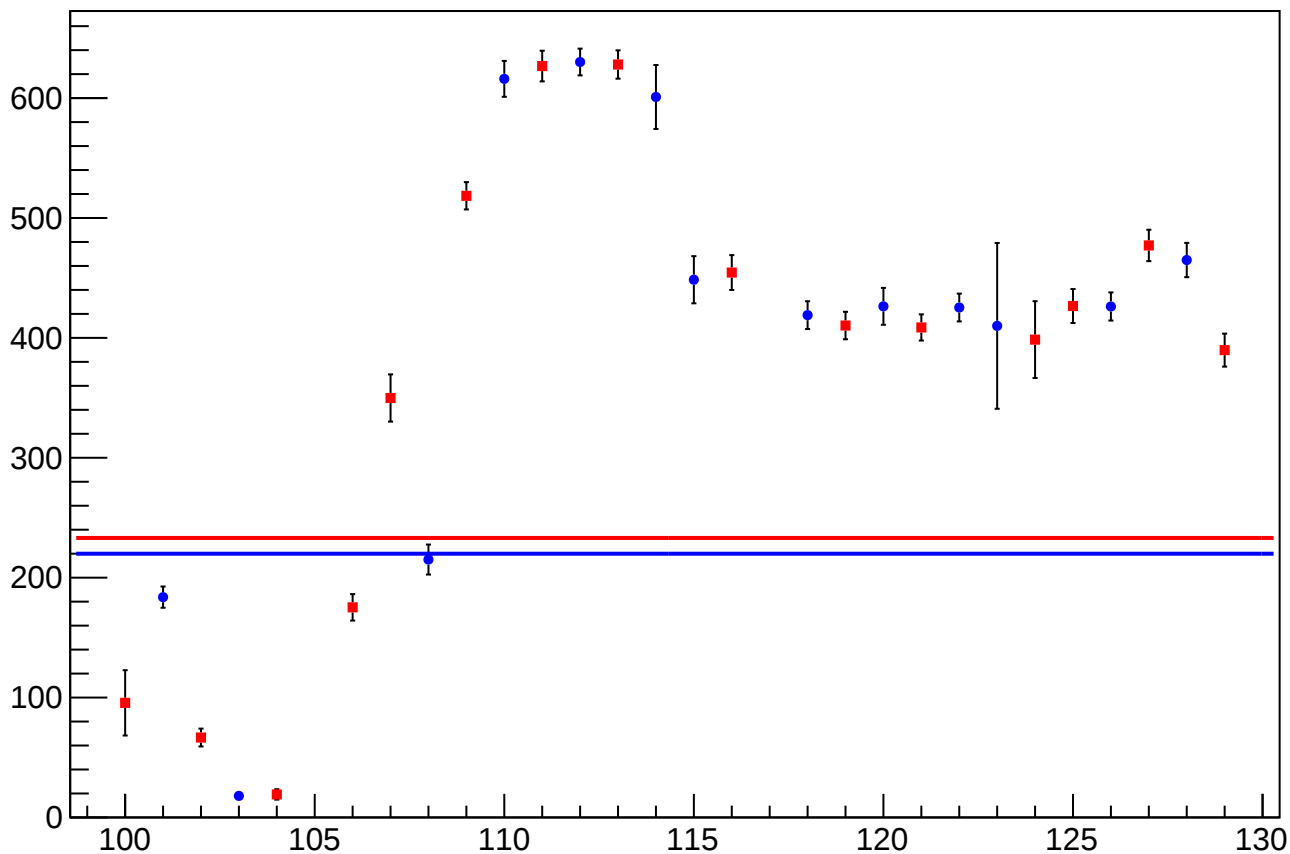
Right: 1.232 $\pm$ 1.116 χ^2 /NDF: 324.8/27

In: 2.908 $\pm$ 1.643 χ^2 /NDF:128.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.232 $\pm$ 1.116 χ^2 /NDF: 324.8/27

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 219.975+/-2.795 χ^2/NDF : 6290.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 233.121+/-2.655 χ^2/NDF : 7121.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

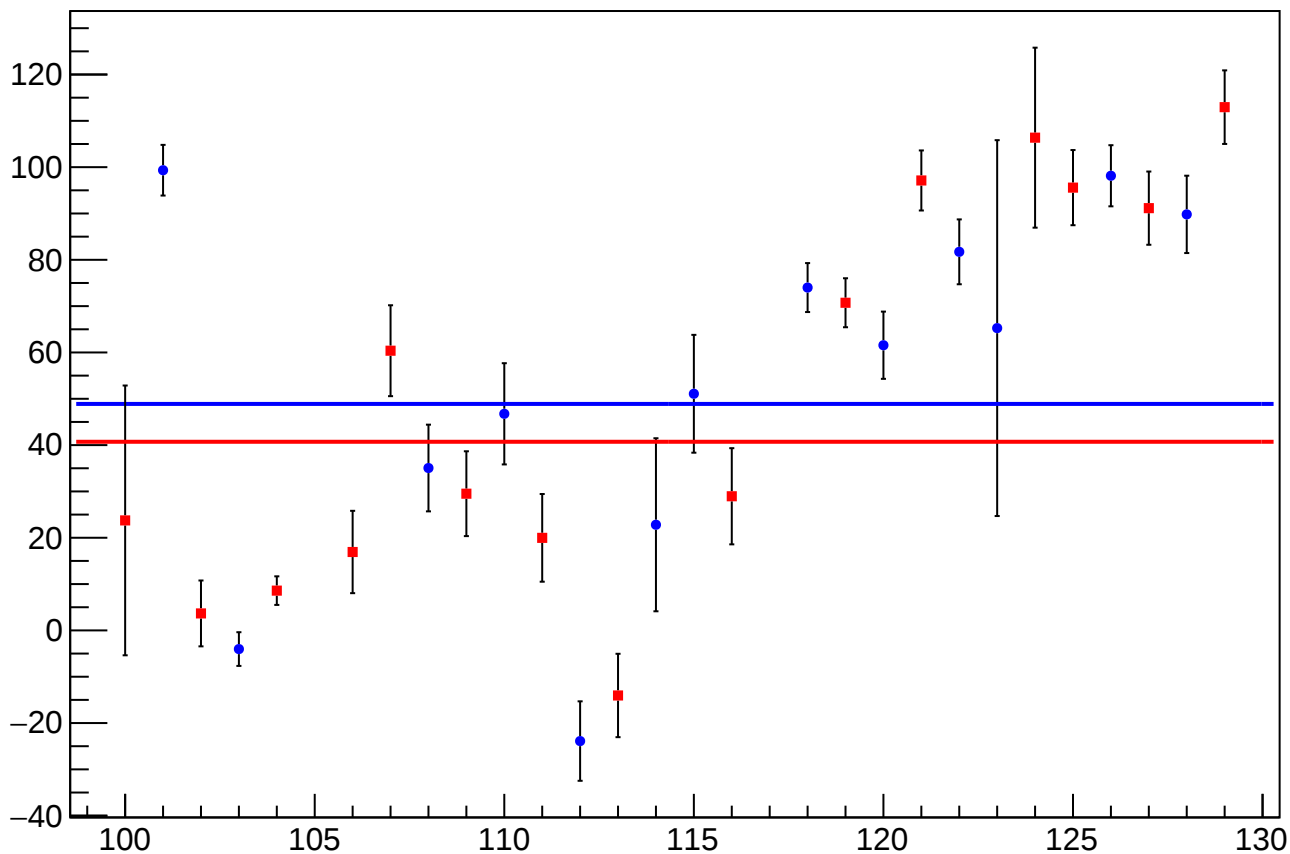
Right: 226.886+/-1.925 χ^2/NDF : 13423.2/27

In: 219.975+/-2.795 χ^2/NDF :6290.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 226.886+/-1.925 χ^2/NDF : 13423.2/27

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 48.890+/-1.944 χ^2/NDF : 500.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.721+/-1.817 χ^2/NDF : 480.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

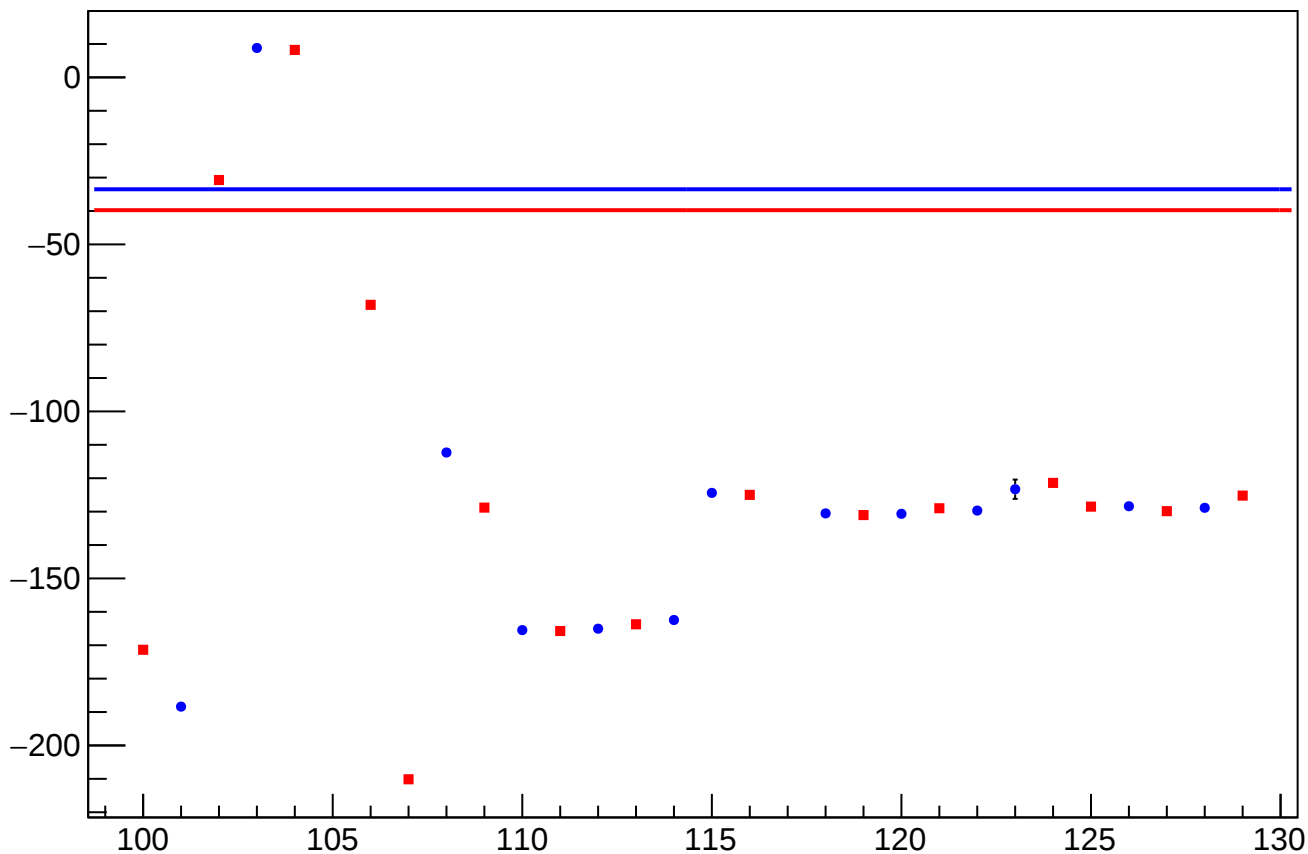
Right: 44.529+/-1.327 χ^2/NDF : 990.1/27

In: 48.890+/-1.944 χ^2/NDF : 500.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.529+/-1.327 χ^2/NDF : 990.1/27

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -33.496+/-0.077 χ^2/NDF : 811143.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -39.758+/-0.077 χ^2/NDF : 660699.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

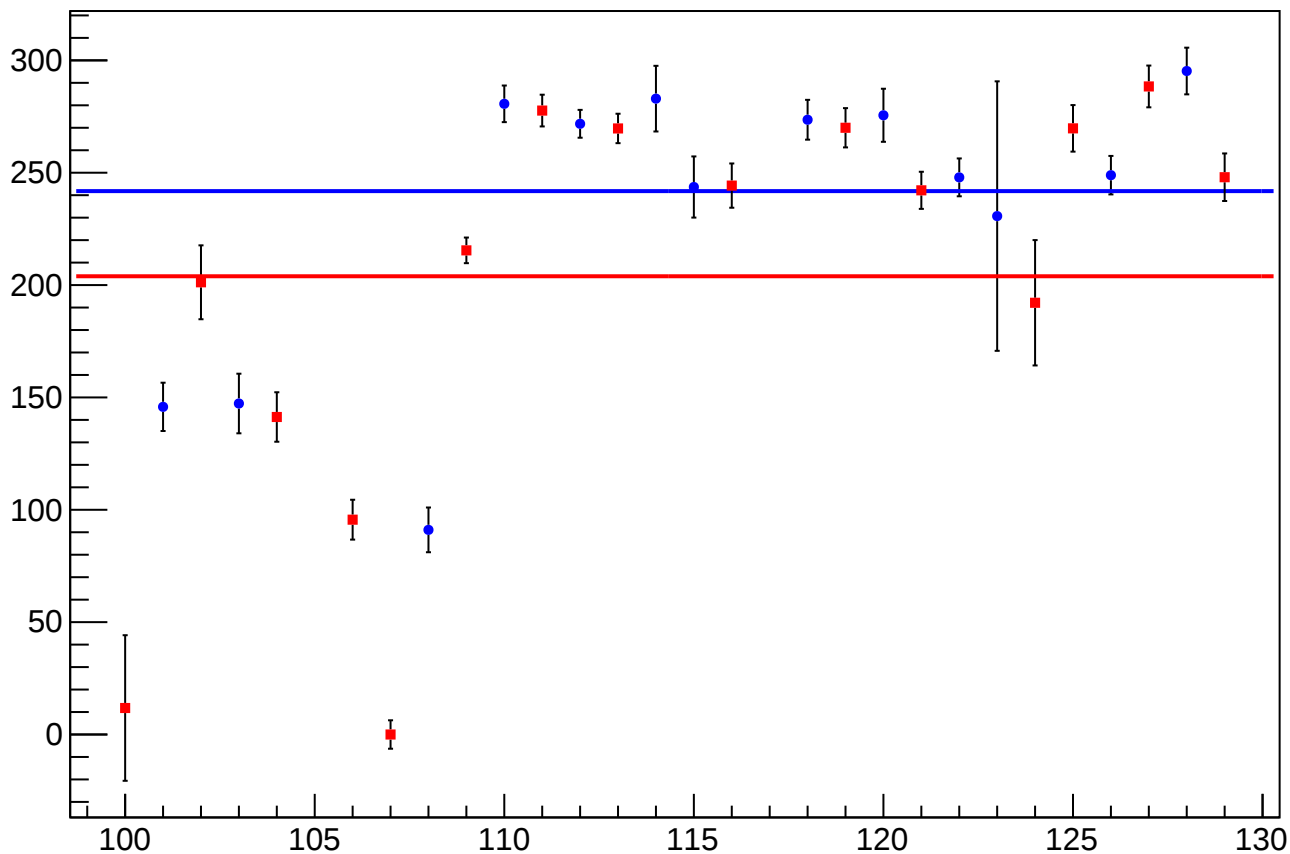
Right: -36.611+/-0.055 χ^2/NDF : 1475131.8/27

In: -33.496+/-0.077 χ^2/NDF :811143.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -36.611+/-0.055 χ^2/NDF : 1475131.8/27

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 241.815 $\pm$ 2.744 χ^2 /NDF: 462.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 203.923 $\pm$ 2.271 χ^2 /NDF: 1705.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

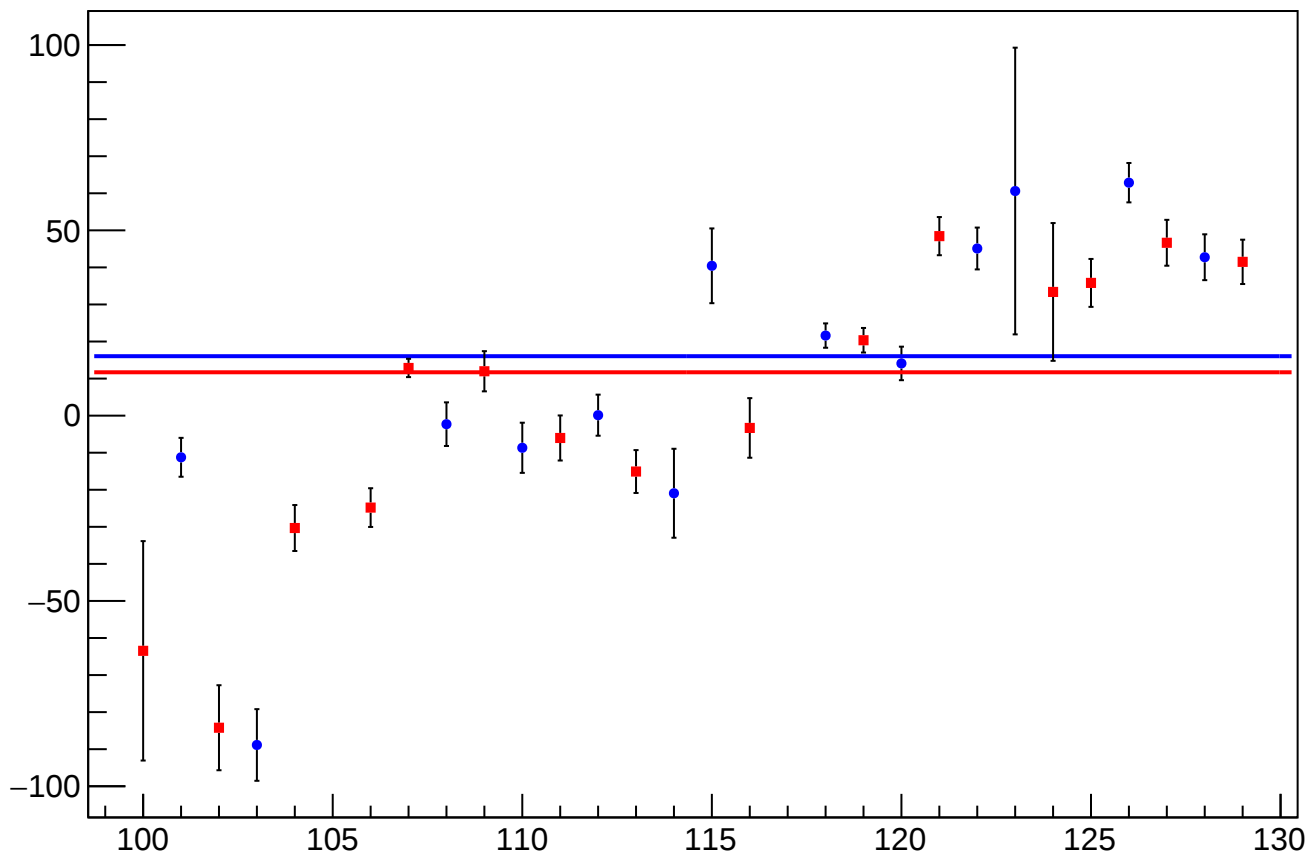
Right: 219.329 $\pm$ 1.749 χ^2 /NDF: 2281.0/27

In: 241.815 $\pm$ 2.744 χ^2 /NDF:462.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 219.329 $\pm$ 1.749 χ^2 /NDF: 2281.0/27

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.042 $\pm$ 1.618 χ^2 /NDF: 318.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.701 $\pm$ 1.346 χ^2 /NDF: 334.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

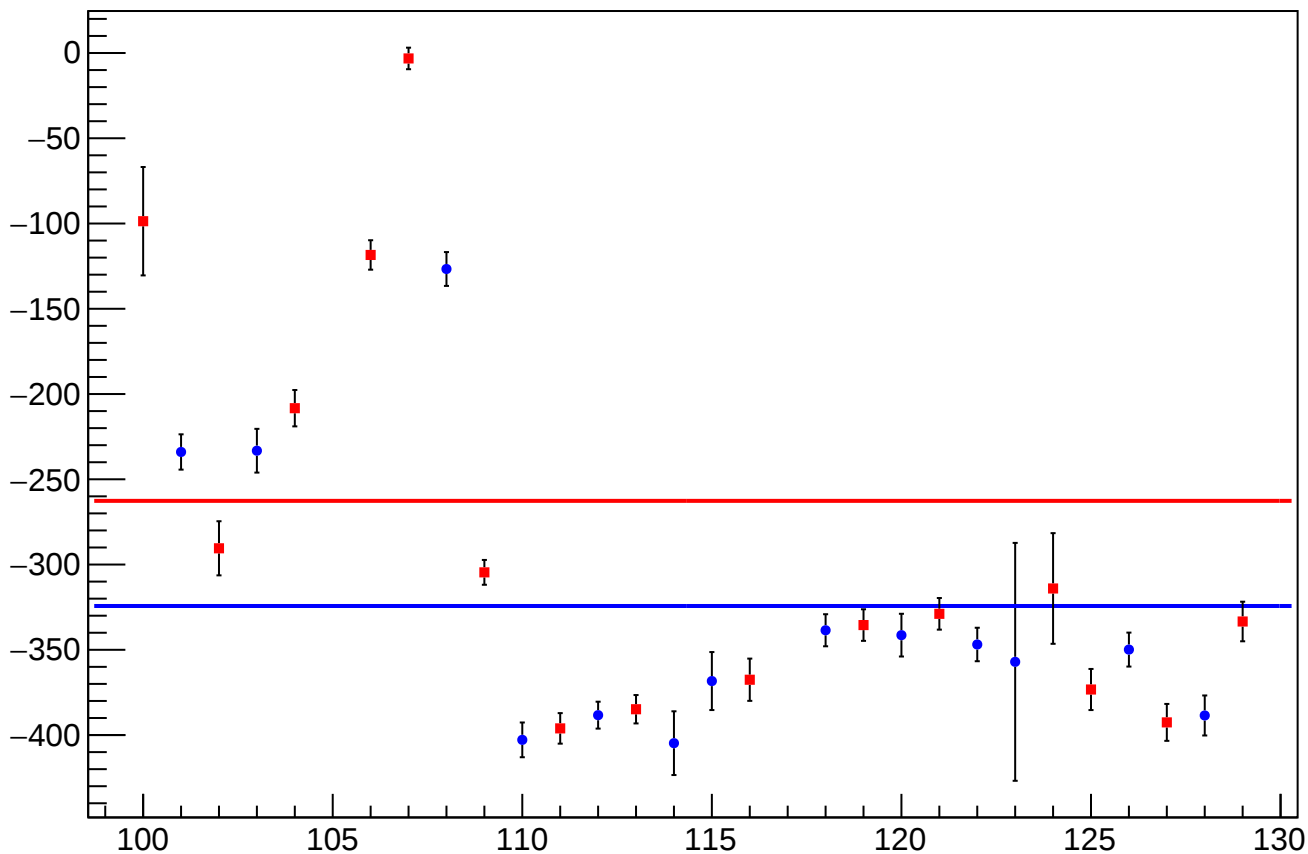
Right: 13.478 $\pm$ 1.035 χ^2 /NDF: 657.2/27

In: 16.042 $\pm$ 1.618 χ^2 /NDF: 318.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.478 $\pm$ 1.035 χ^2 /NDF: 657.2/27

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -324.306+/-3.113 χ^2/NDF : 719.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -262.650+/-2.568 χ^2/NDF : 2945.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

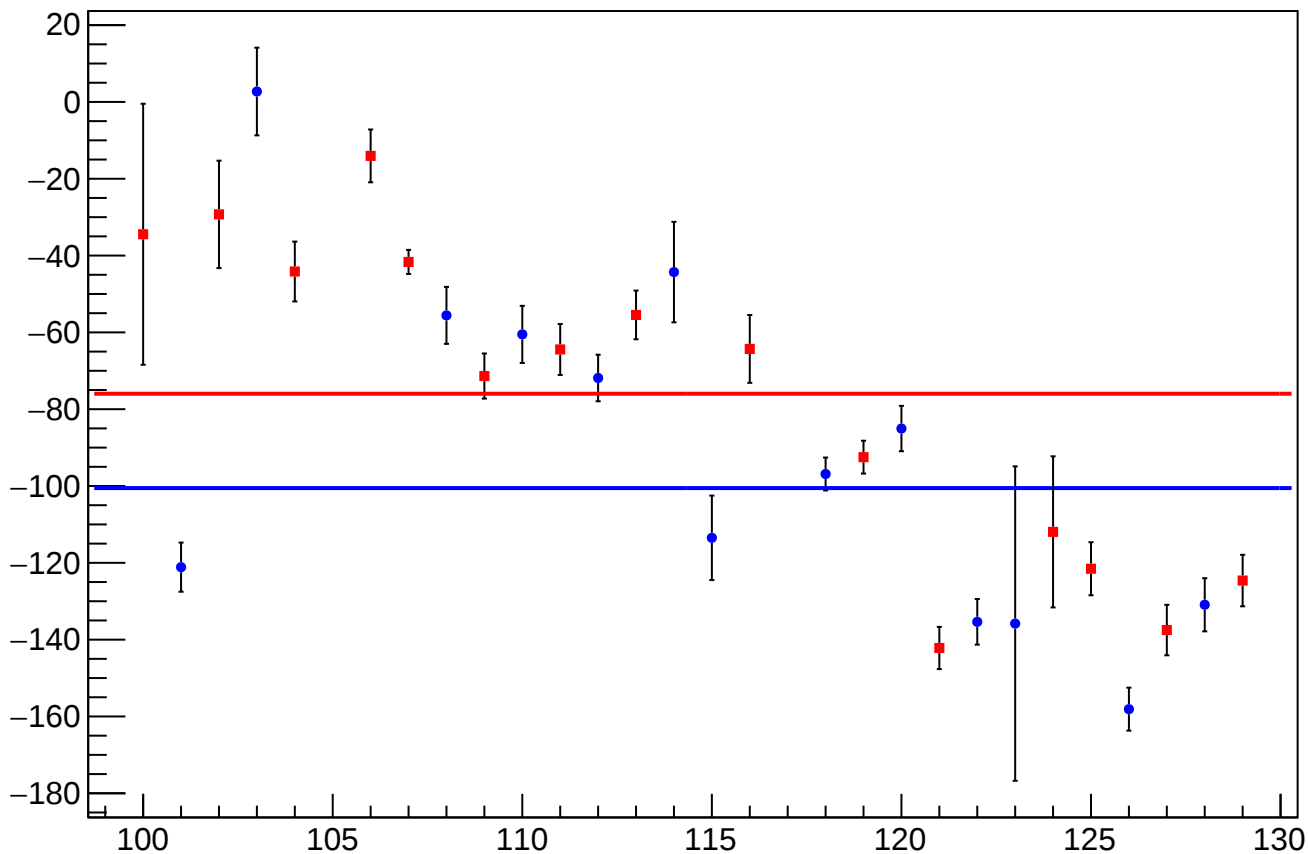
Right: -287.620+/-1.981 χ^2/NDF : 3898.2/27

In: -324.306+/-3.113 χ^2/NDF : 719.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -287.620+/-1.981 χ^2/NDF : 3898.2/27

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.538+/-1.908 χ^2/NDF : 367.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -75.969+/-1.598 χ^2/NDF : 593.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

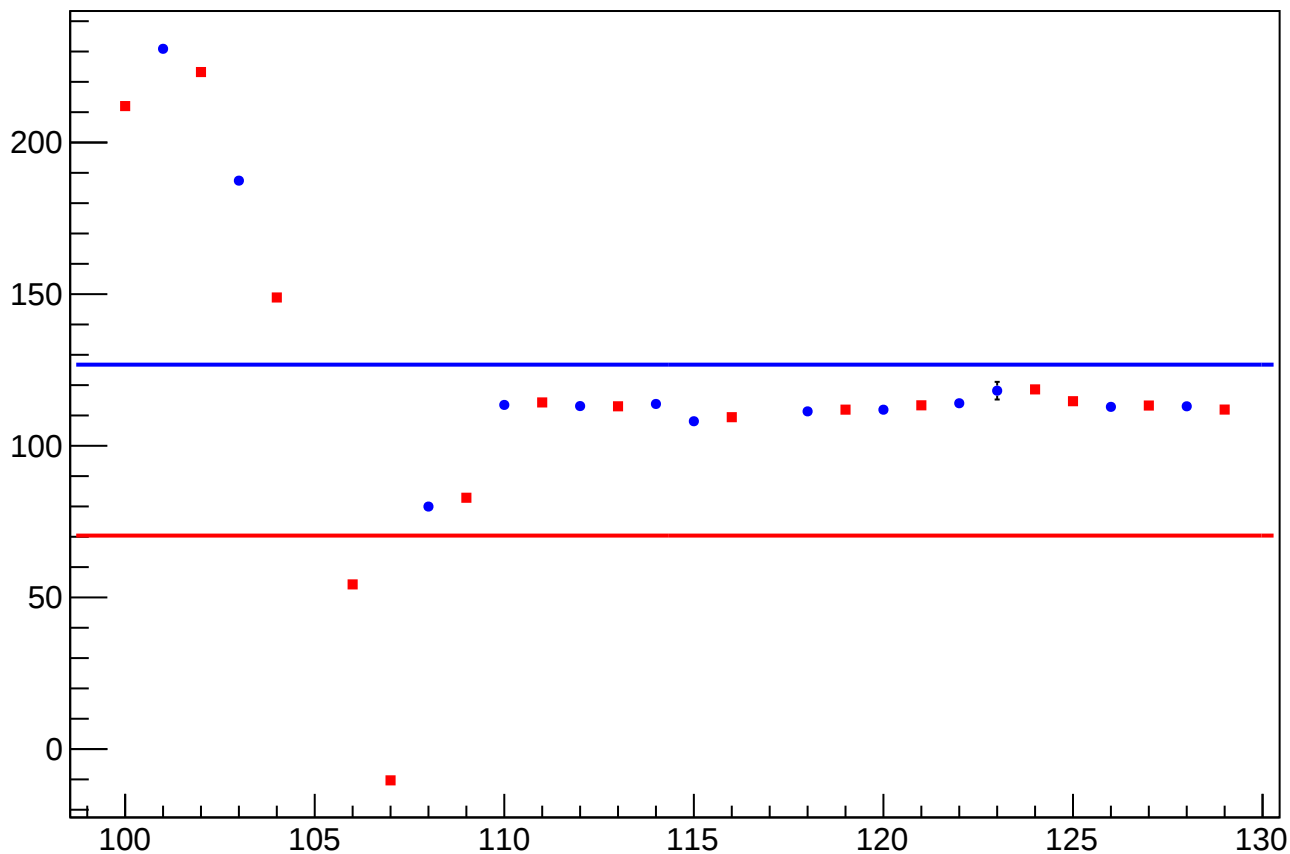
Right: -86.101+/-1.225 χ^2/NDF : 1058.3/27

In: -100.538+/-1.908 χ^2/NDF : 367.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -86.101+/-1.225 χ^2/NDF : 1058.3/27

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 126.755 $\pm$ 0.113 χ^2 /NDF: 173726.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 70.394 $\pm$ 0.085 χ^2 /NDF: 658092.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

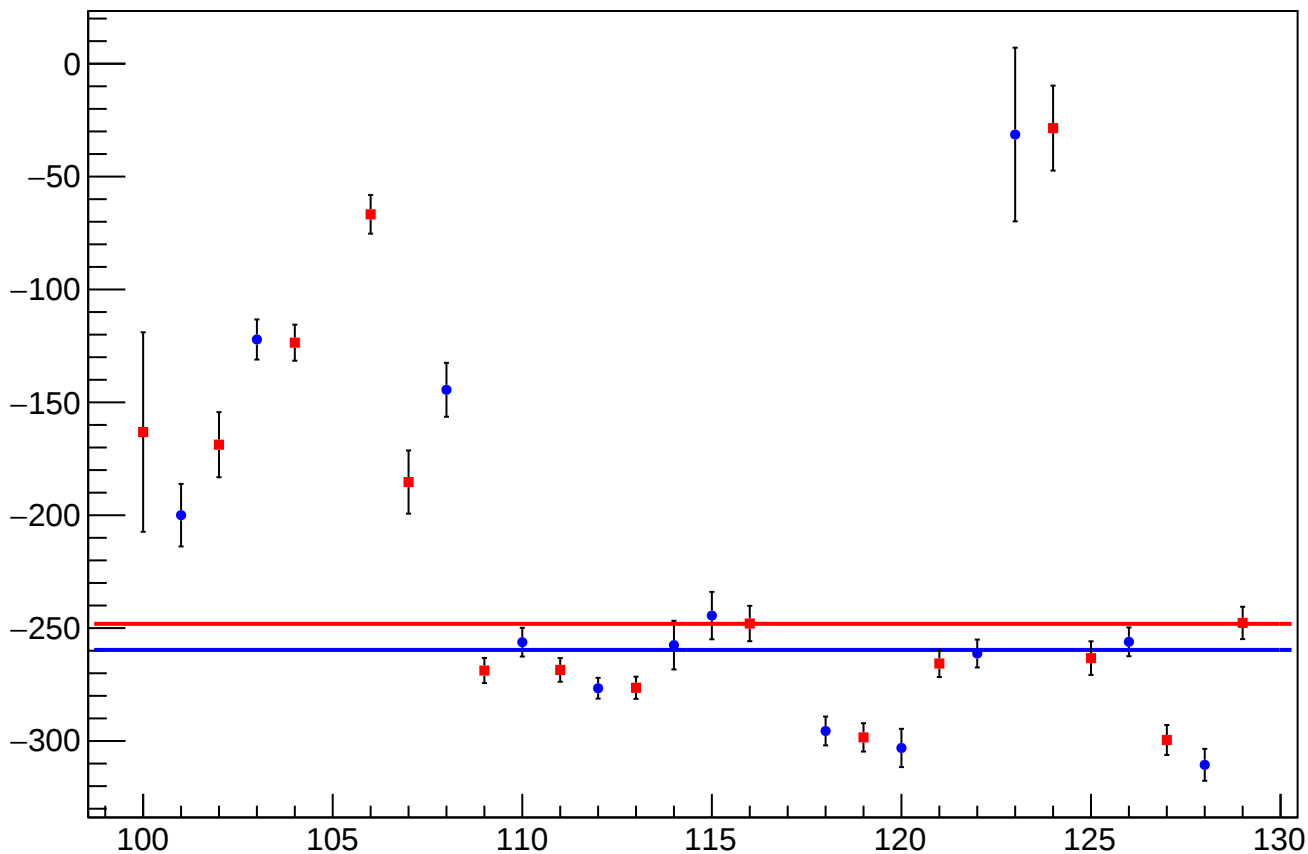
Right: 90.849 $\pm$ 0.068 χ^2 /NDF: 991621.7/27

In: 126.755 $\pm$ 0.113 χ^2 /NDF:173726.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 90.849 $\pm$ 0.068 χ^2 /NDF: 991621.7/27

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -259.659+/-2.111 χ^2/NDF : 512.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -248.093+/-1.881 χ^2/NDF : 1081.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

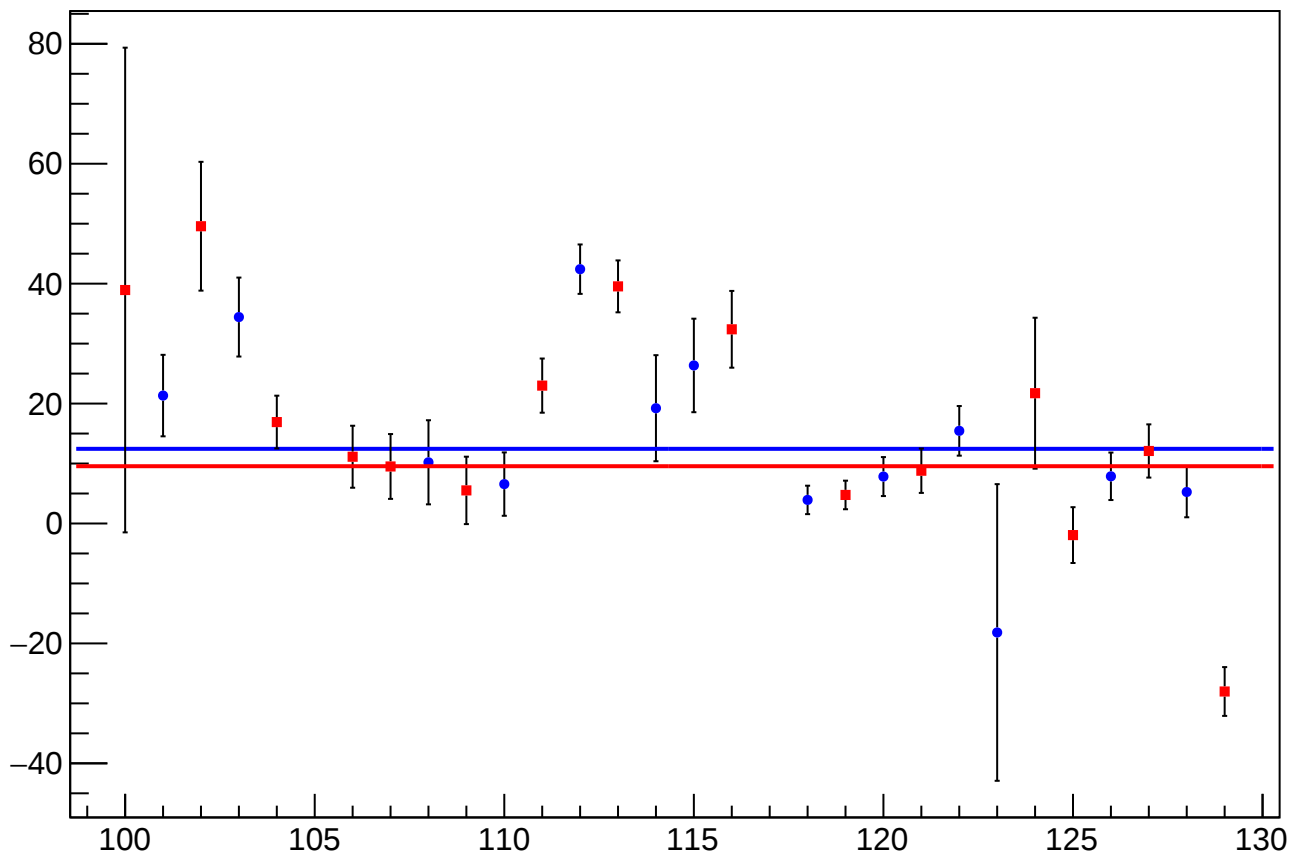
Right: -253.210+/-1.404 χ^2/NDF : 1610.7/27

In: -259.659+/-2.111 χ^2/NDF : 512.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -253.210+/-1.404 χ^2/NDF : 1610.7/27

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.452+/-1.249 χ^2/NDF : 92.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.553+/-1.192 χ^2/NDF : 184.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

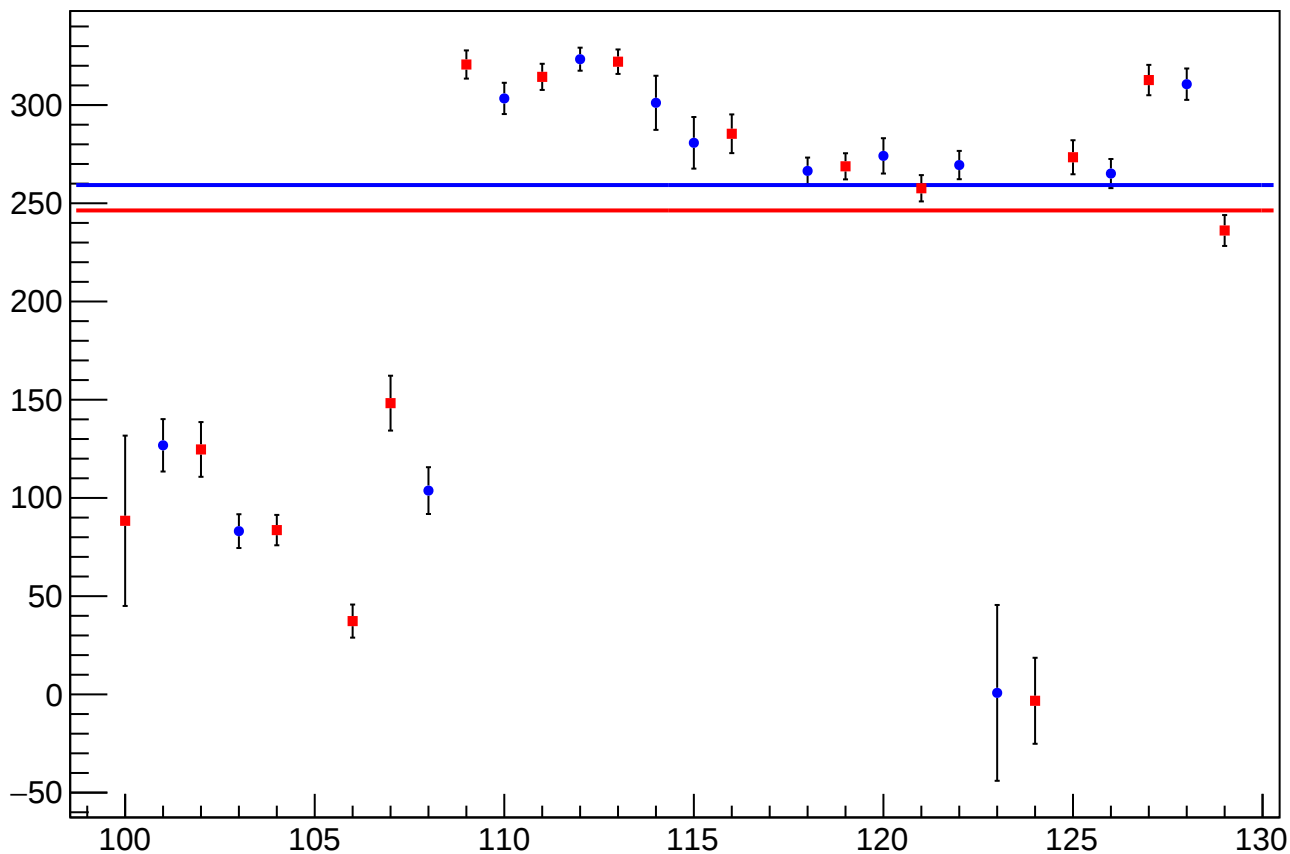
Right: 10.935+/-0.862 χ^2/NDF : 278.9/27

In: 12.452+/-1.249 χ^2/NDF : 92.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.935+/-0.862 χ^2/NDF : 278.9/27

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 259.273+/-2.426 χ^2/NDF : 932.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 246.349+/-2.167 χ^2/NDF : 1801.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

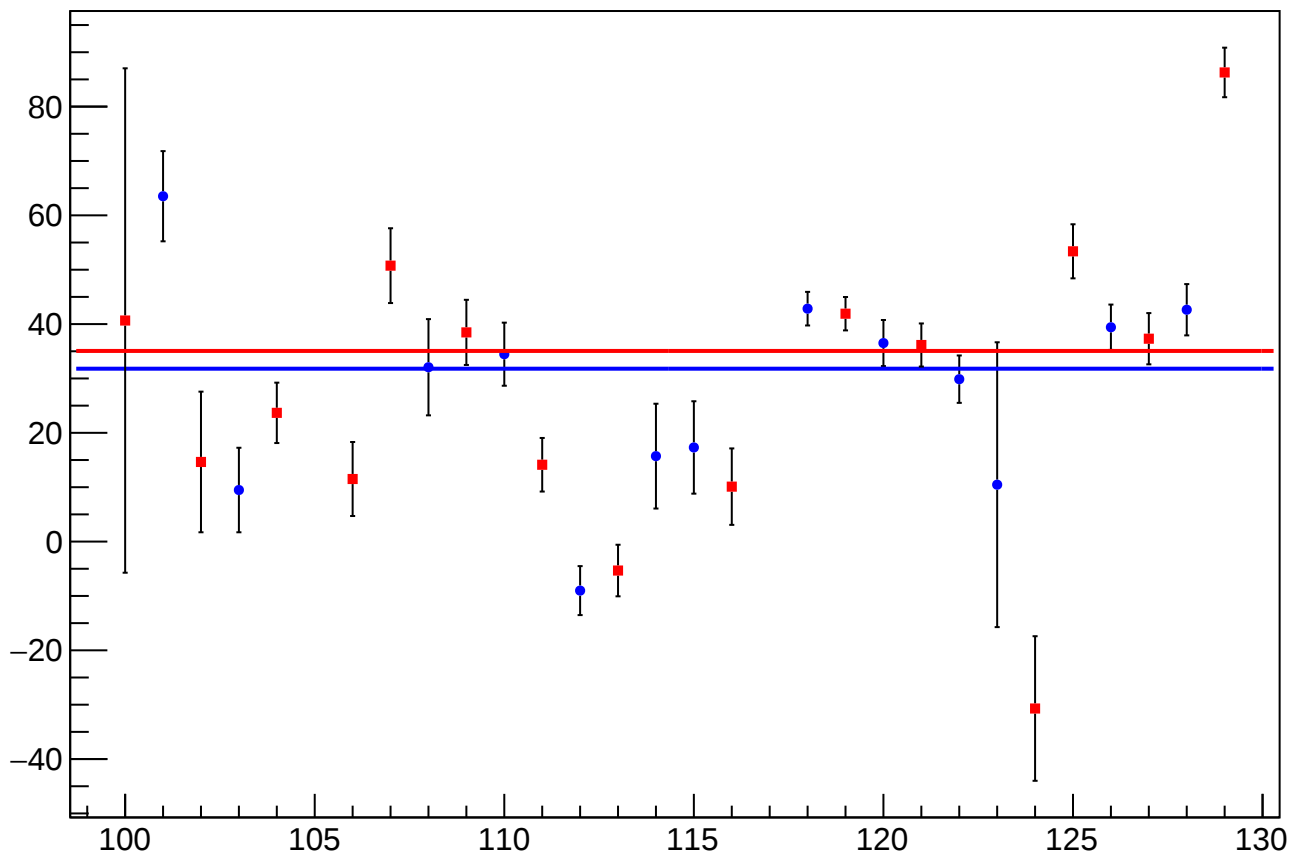
Right: 252.084+/-1.616 χ^2/NDF : 2749.8/27

In: 259.273+/-2.426 χ^2/NDF : 932.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 252.084+/-1.616 χ^2/NDF : 2749.8/27

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 31.795+/-1.467 χ^2/NDF : 134.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.061+/-1.381 χ^2/NDF : 297.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

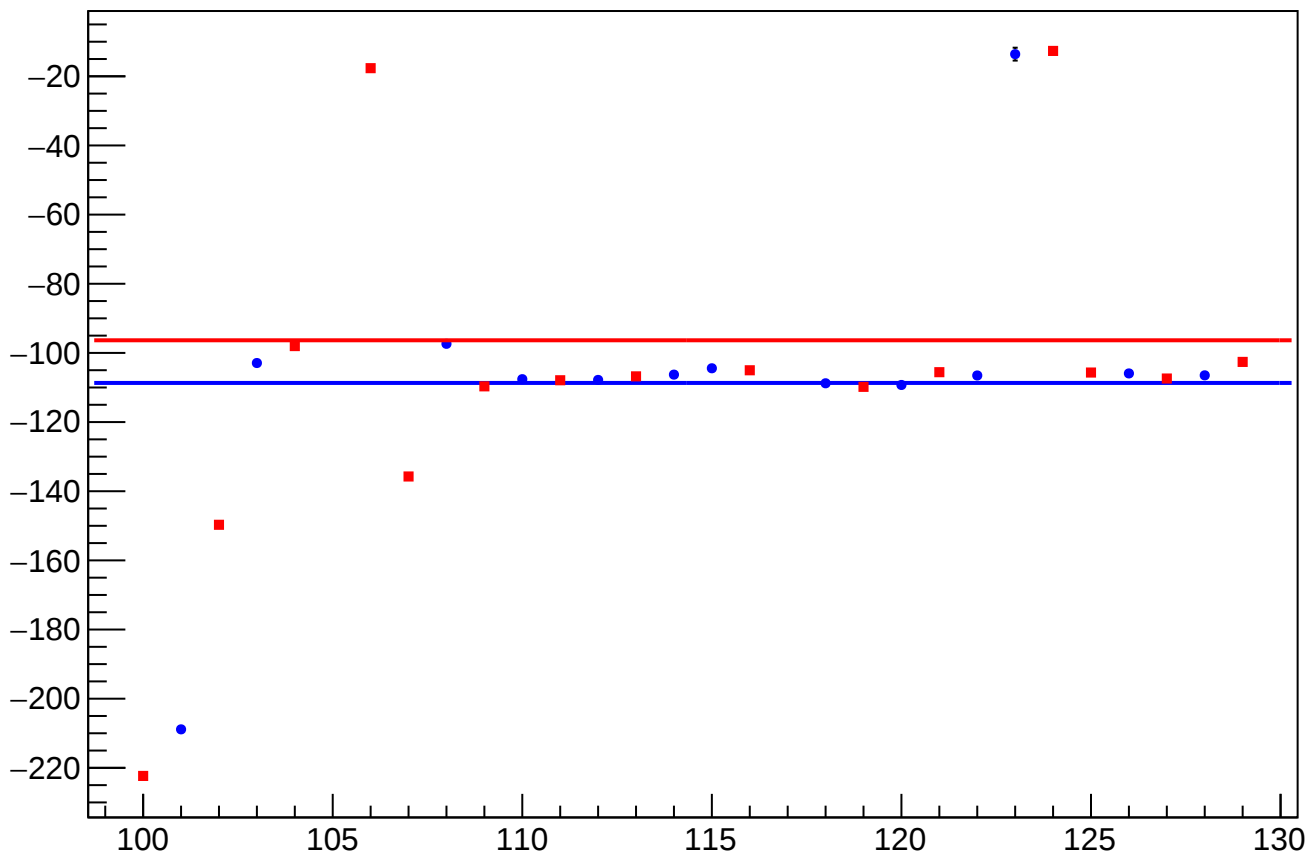
Right: 33.527+/-1.006 χ^2/NDF : 434.1/27

In: 31.795+/-1.467 χ^2/NDF : 134.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.527+/-1.006 χ^2/NDF : 434.1/27

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -108.681+/-0.092 χ^2/NDF : 49054.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -96.348+/-0.080 χ^2/NDF : 211527.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

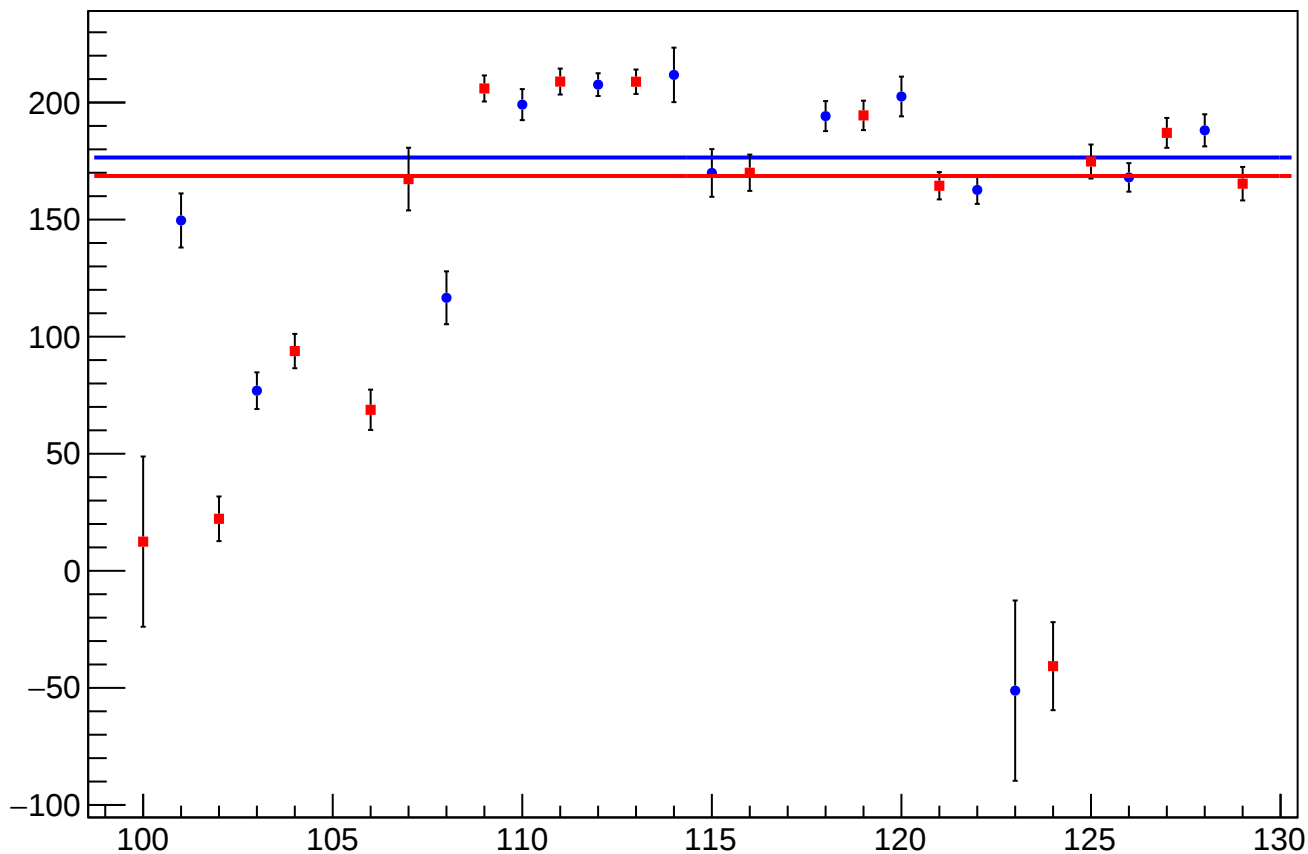
Right: -101.713+/-0.060 χ^2/NDF : 270811.1/27

In: -108.681+/-0.092 χ^2/NDF : 49054.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.713+/-0.060 χ^2/NDF : 270811.1/27

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 176.517 $\pm$ 2.089 χ^2 /NDF: 320.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 168.615 $\pm$ 1.862 χ^2 /NDF: 801.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

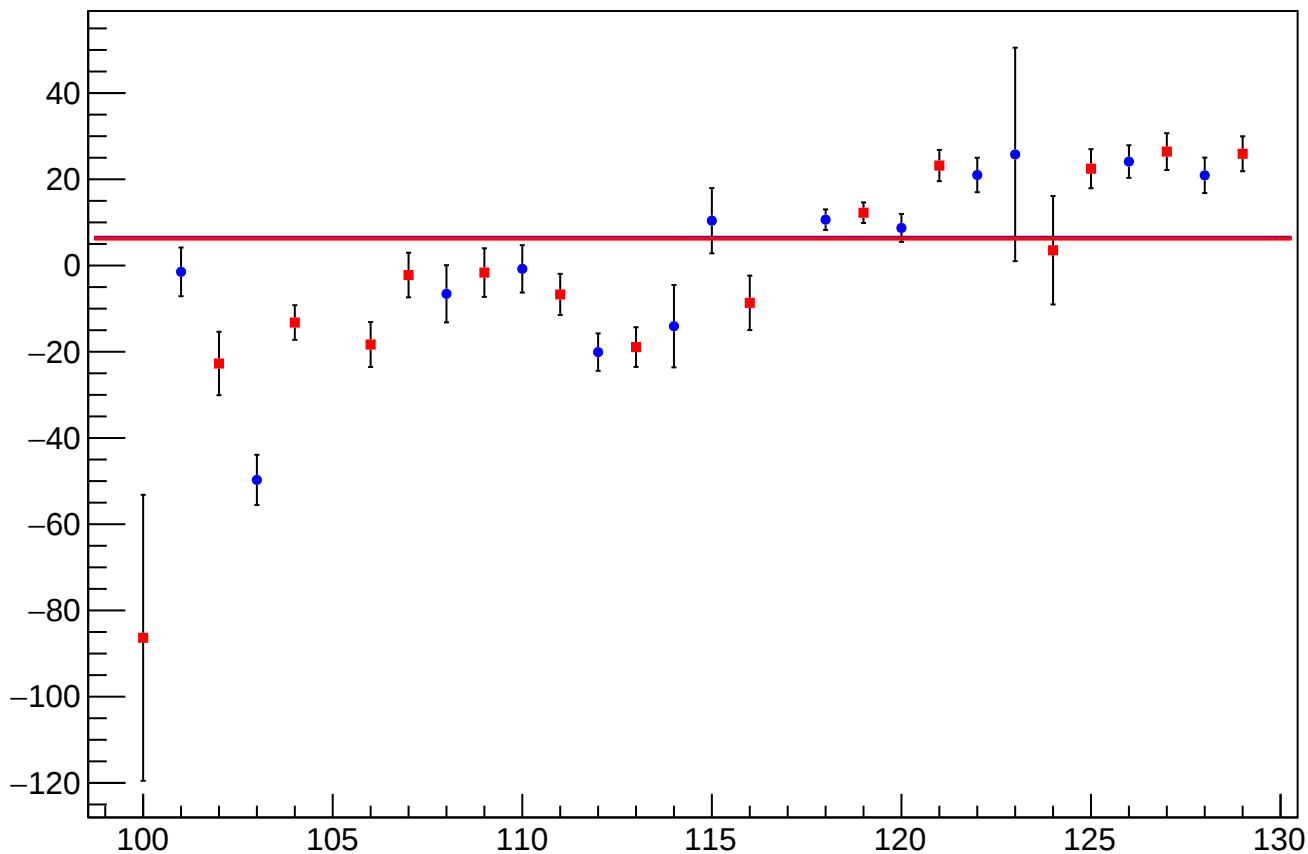
Right: 172.113 $\pm$ 1.390 χ^2 /NDF: 1129.0/27

In: 176.517 $\pm$ 2.089 χ^2 /NDF:320.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 172.113 $\pm$ 1.390 χ^2 /NDF: 1129.0/27

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.438+/-1.228 χ^2/NDF : 194.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.251+/-1.174 χ^2/NDF : 203.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

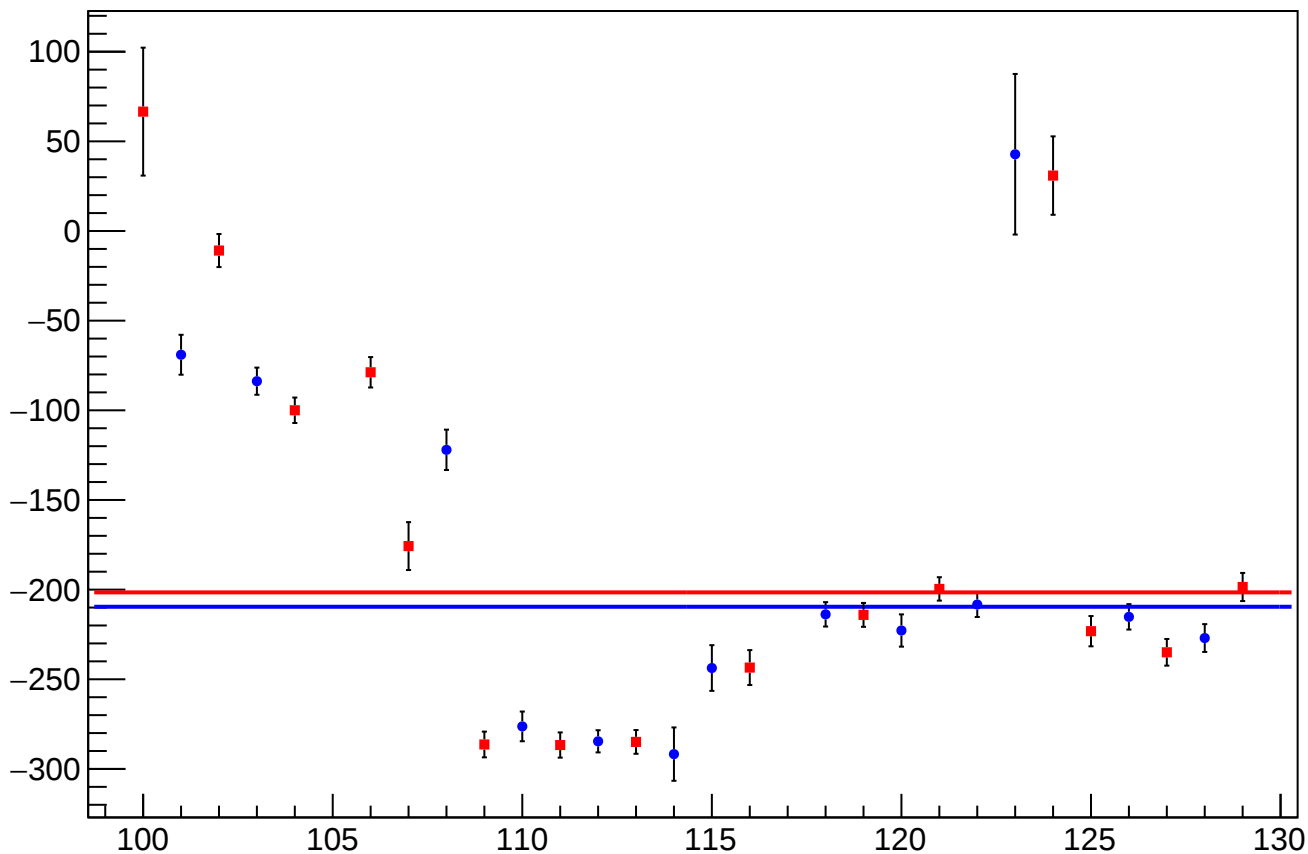
Right: 6.340+/-0.849 χ^2/NDF : 397.6/27

In: 6.438+/-1.228 χ^2/NDF : 194.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.340+/-0.849 χ^2/NDF : 397.6/27

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -209.557+/-2.380 χ^2/NDF : 785.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -201.538+/-2.125 χ^2/NDF : 1509.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

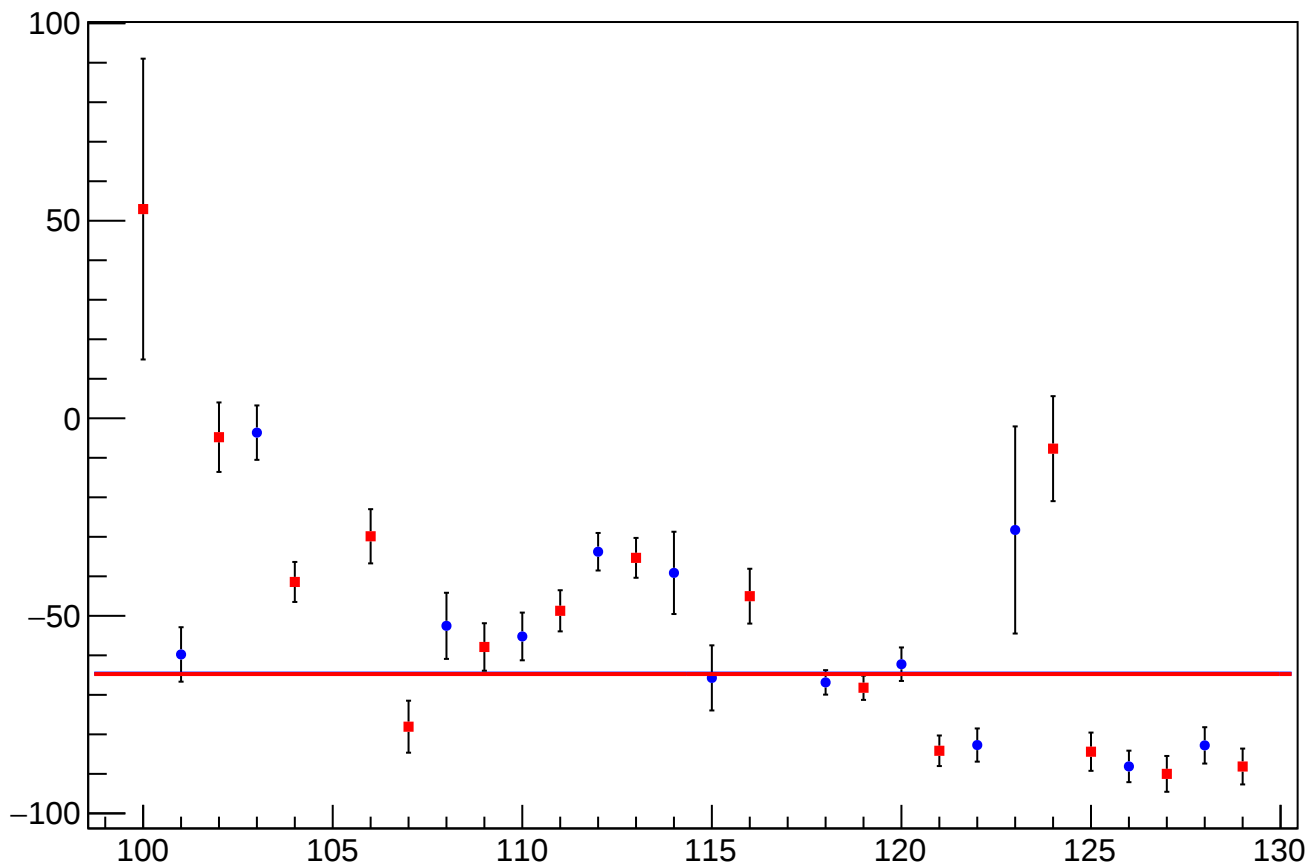
Right: -205.095+/-1.585 χ^2/NDF : 2300.8/27

In: -209.557+/-2.380 χ^2/NDF : 785.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -205.095+/-1.585 χ^2/NDF : 2300.8/27

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -64.626+/-1.443 χ^2/NDF : 203.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -64.739+/-1.361 χ^2/NDF : 279.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

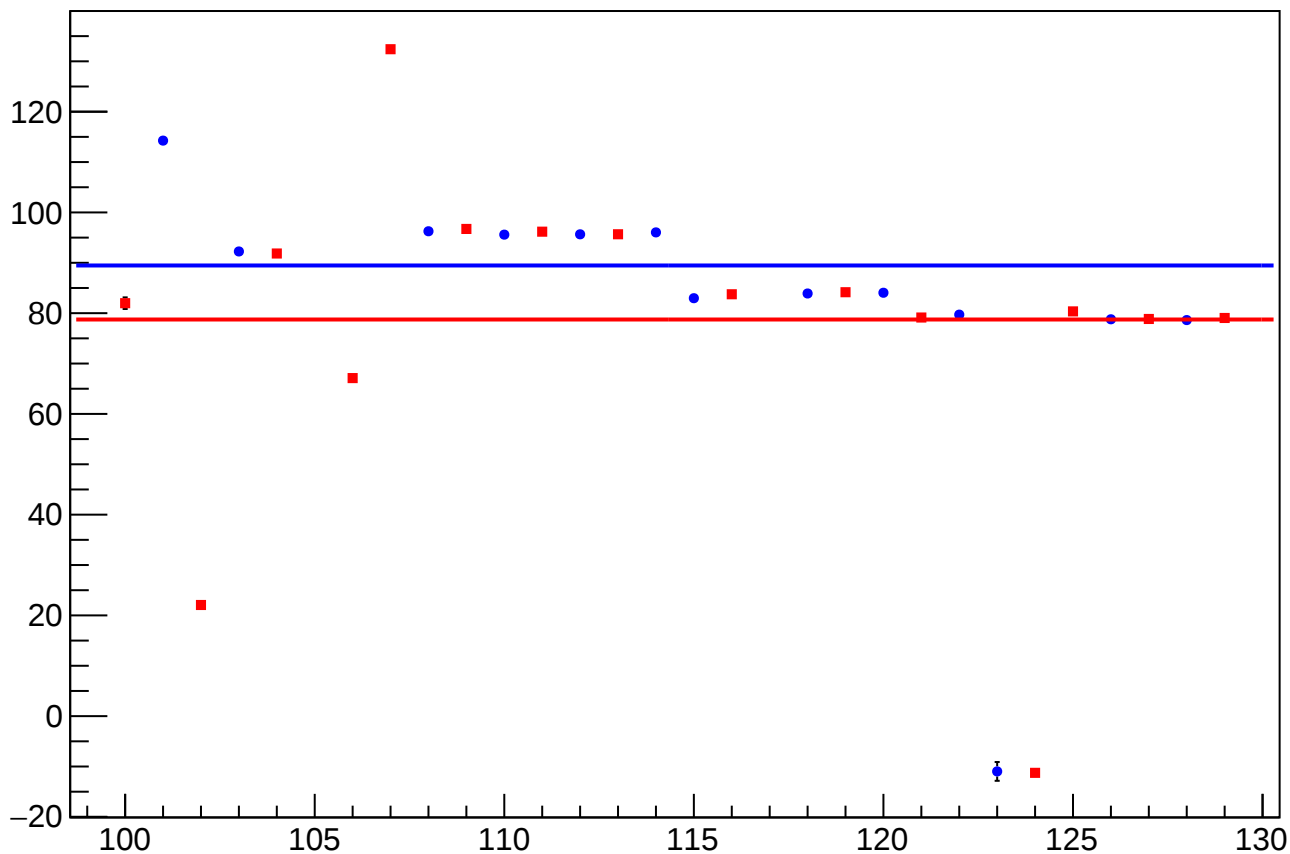
Right: -64.686+/-0.990 χ^2/NDF : 482.2/27

In: -64.626+/-1.443 χ^2/NDF : 203.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -64.686+/-0.990 χ^2/NDF : 482.2/27

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 89.468+/-0.088 χ^2/NDF : 12584.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.743+/-0.076 χ^2/NDF : 128966.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

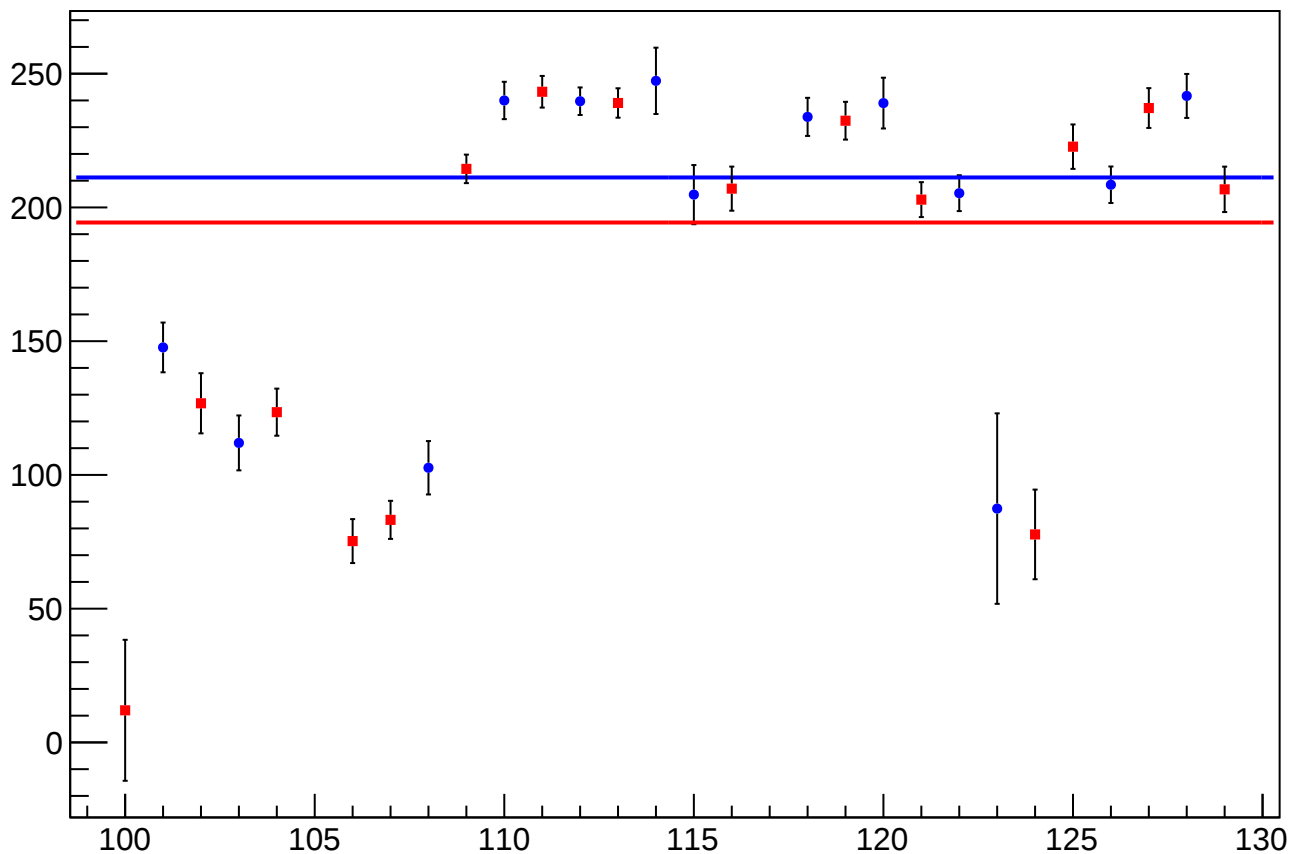
Right: 83.365+/-0.057 χ^2/NDF : 150089.6/27

In: 89.468+/-0.088 χ^2/NDF : 12584.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.365+/-0.057 χ^2/NDF : 150089.6/27

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 211.206+/-2.269 χ^2/NDF : 360.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 194.361+/-1.954 χ^2/NDF : 879.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

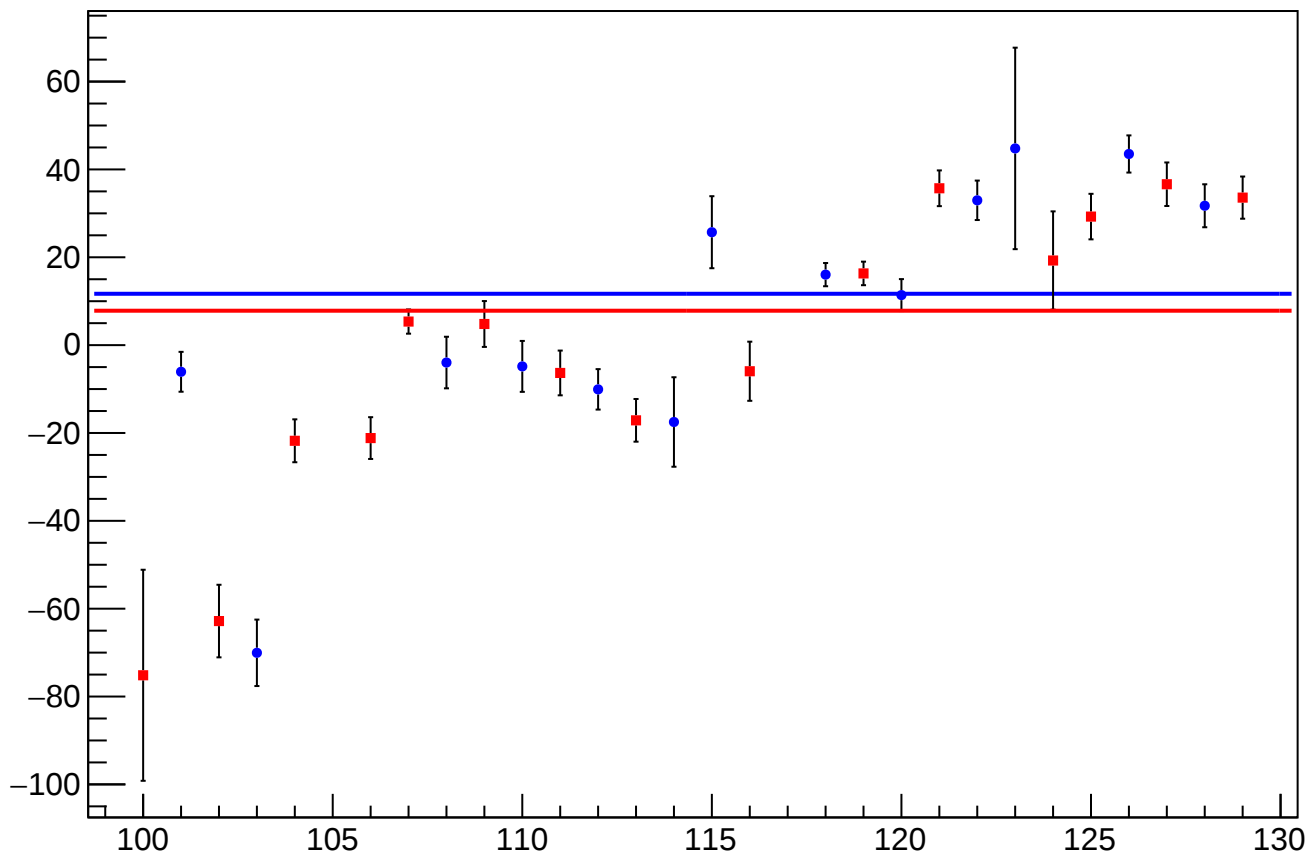
Right: 201.534+/-1.481 χ^2/NDF : 1271.7/27

In: 211.206+/-2.269 χ^2/NDF : 360.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 201.534+/-1.481 χ^2/NDF : 1271.7/27

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.692+/-1.331 χ^2/NDF : 281.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.835+/-1.193 χ^2/NDF : 336.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

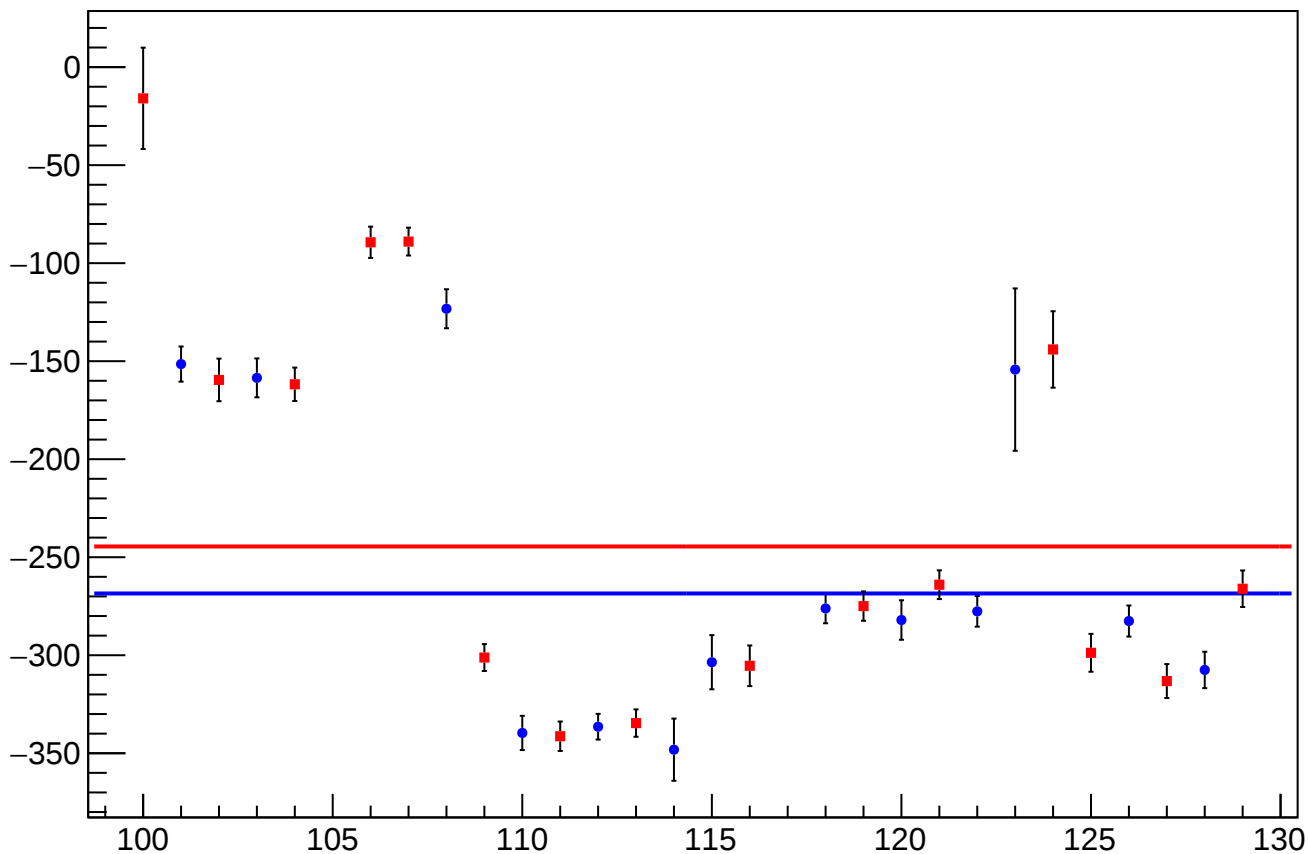
Right: 9.553+/-0.888 χ^2/NDF : 622.2/27

In: 11.692+/-1.331 χ^2/NDF : 281.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.553+/-0.888 χ^2/NDF : 622.2/27

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -268.495+/-2.581 χ^2/NDF : 744.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -244.520+/-2.221 χ^2/NDF : 1676.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

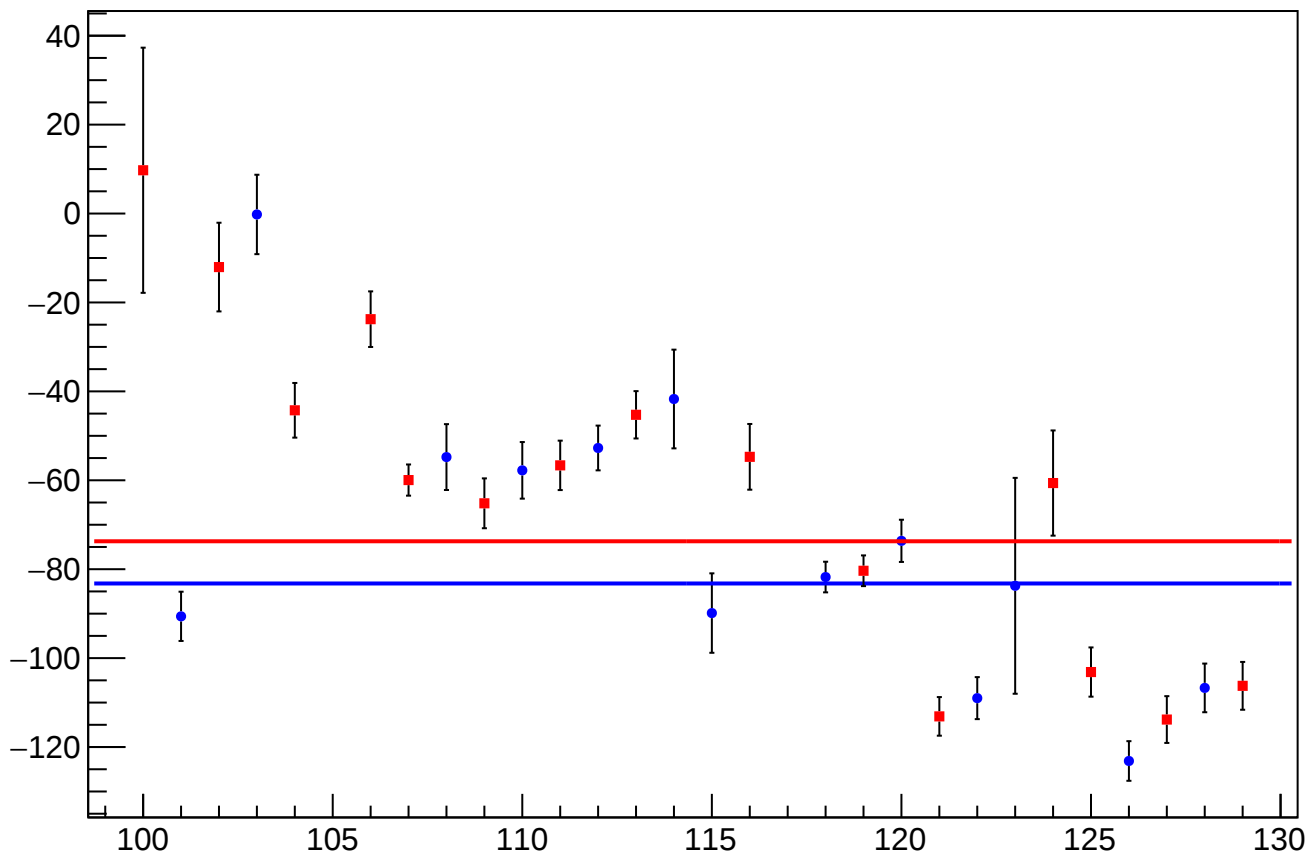
Right: -254.719+/-1.683 χ^2/NDF : 2470.7/27

In: -268.495+/-2.581 χ^2/NDF : 744.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -254.719+/-1.683 χ^2/NDF : 2470.7/27

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -83.212 $\pm$ 1.568 χ^2 /NDF: 302.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -73.718 $\pm$ 1.401 χ^2 /NDF: 406.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

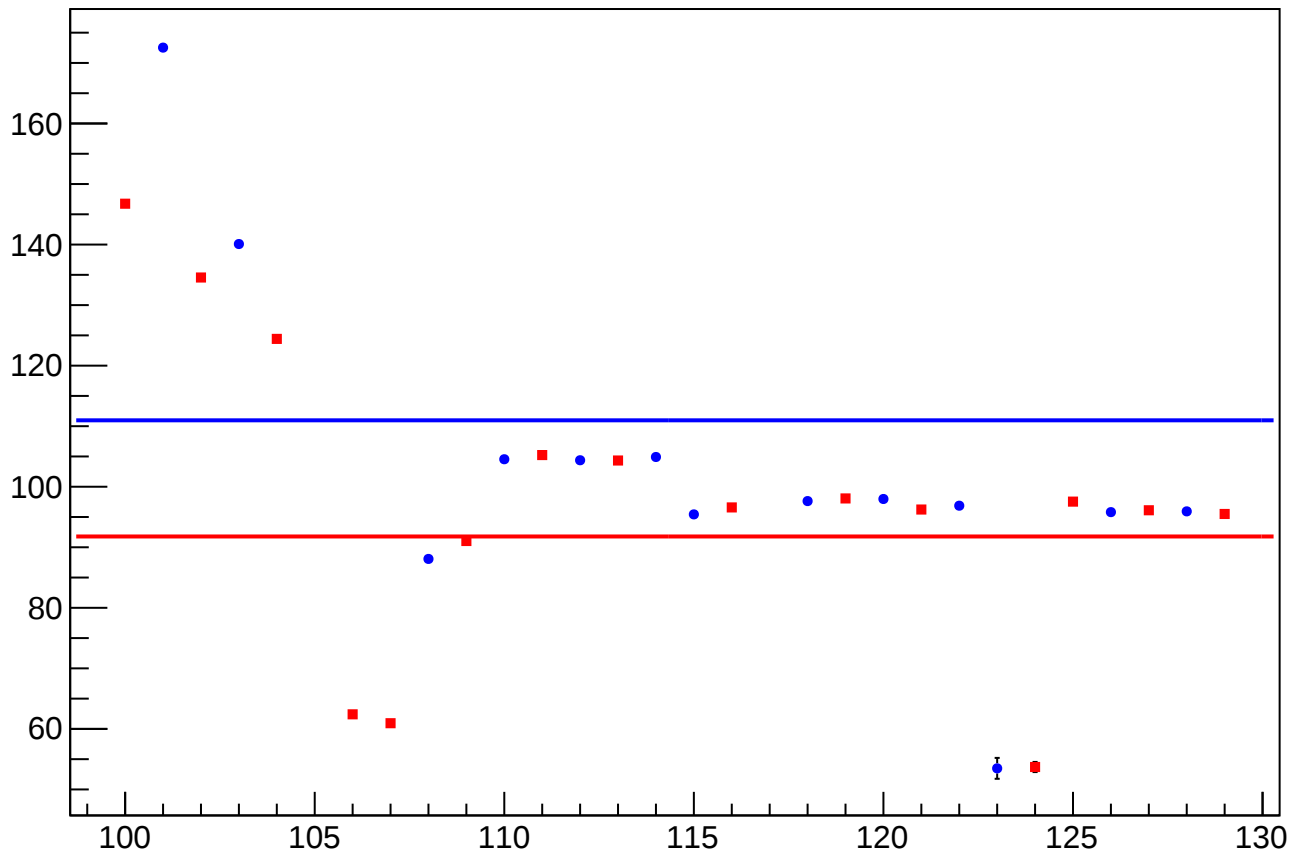
Right: -77.933 $\pm$ 1.045 χ^2 /NDF: 729.6/27

In: -83.212 $\pm$ 1.568 χ^2 /NDF:302.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -77.933 $\pm$ 1.045 χ^2 /NDF: 729.6/27

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 110.970+/-0.095 χ^2/NDF : 74317.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.784+/-0.077 χ^2/NDF : 116186.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

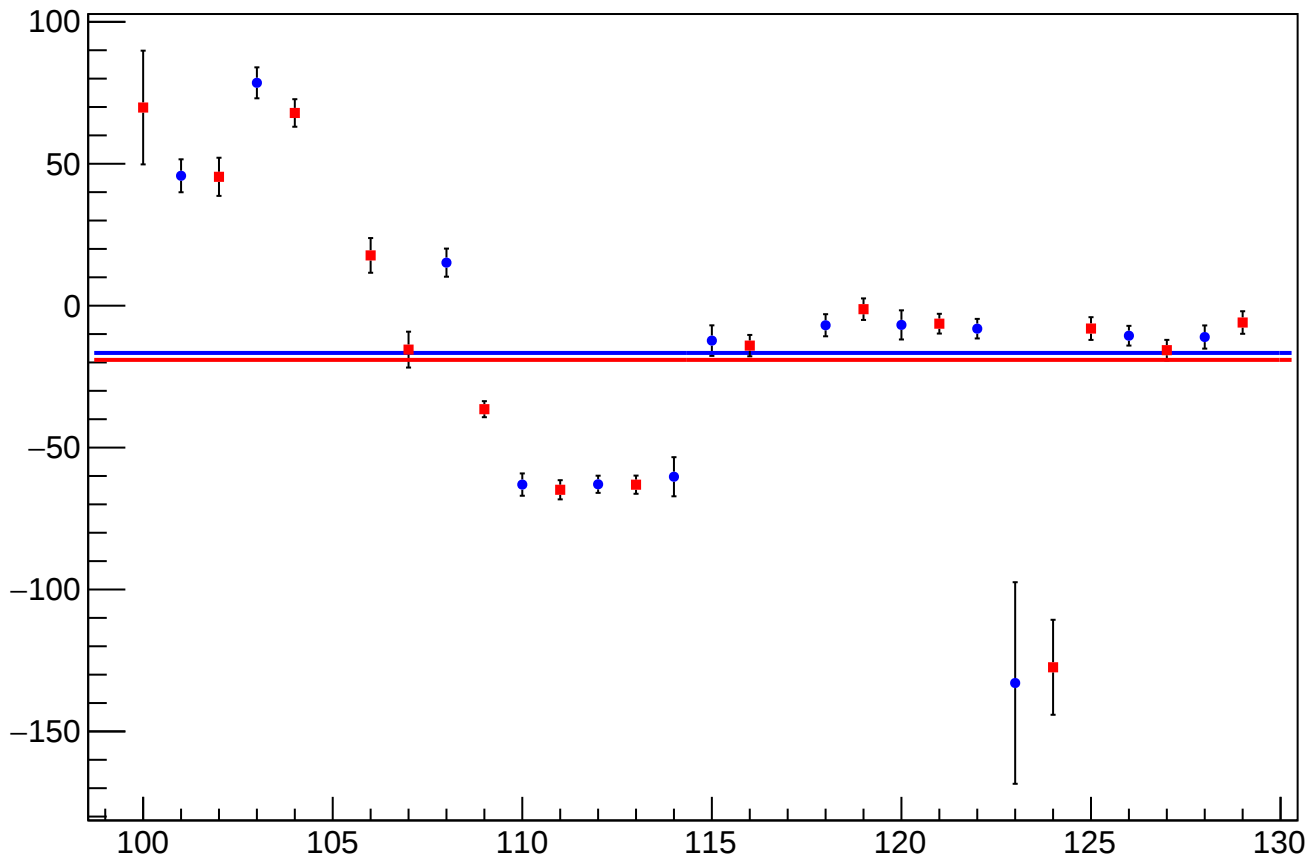
Right: 99.304+/-0.060 χ^2/NDF : 215125.5/27

In: 110.970+/-0.095 χ^2/NDF : 74317.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.304+/-0.060 χ^2/NDF : 215125.5/27

reg_asym_atl_dd_atr_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -16.649 ± 1.226 $\chi^2/\text{NDF}: 907.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -19.100 ± 1.080 $\chi^2/\text{NDF}: 978.0/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

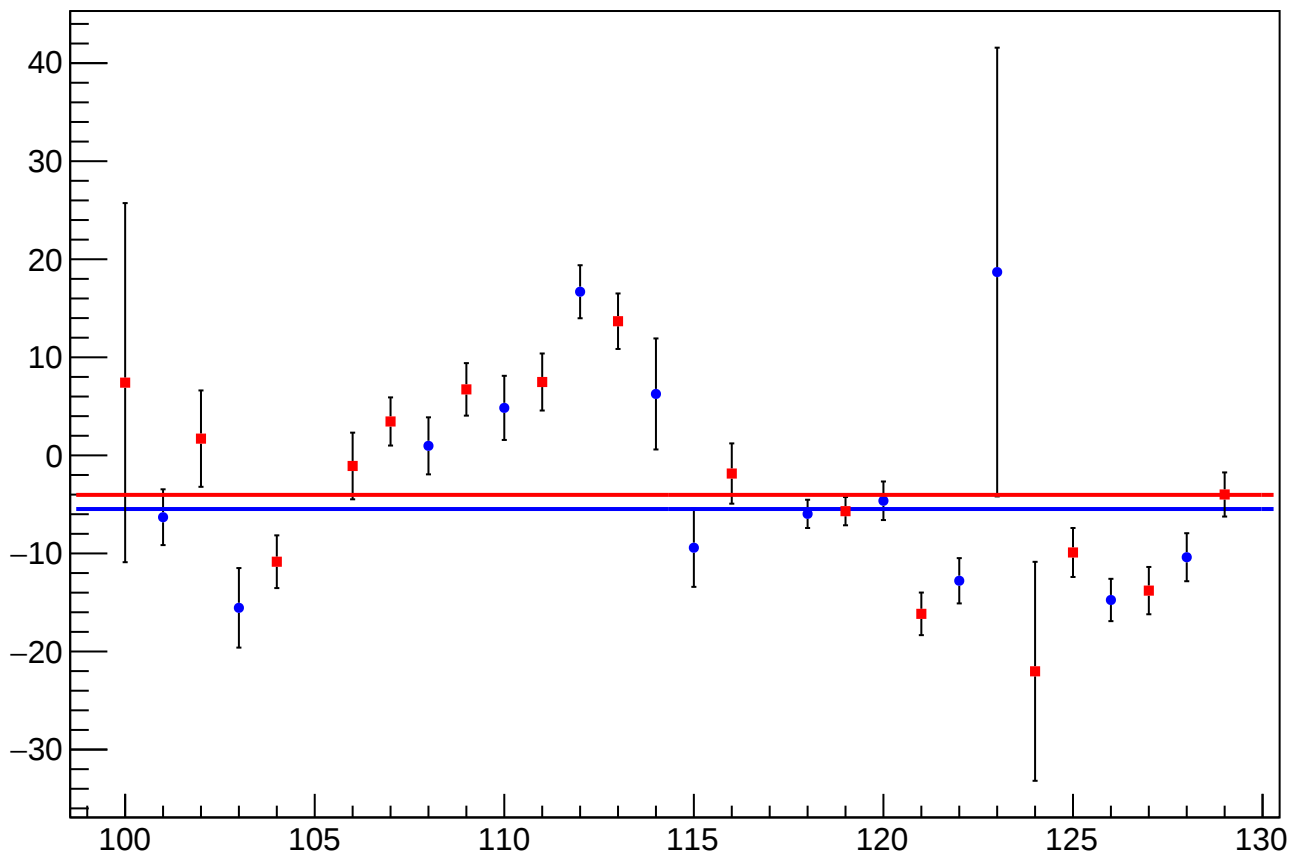
Right: -18.029 ± 0.811 $\chi^2/\text{NDF}: 1887.3/27$

In: -16.649 ± 1.226 $\chi^2/\text{NDF}: 907.0/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -18.029 ± 0.811 $\chi^2/\text{NDF}: 1887.3/27$

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.471+/-0.718 χ^2/NDF : 127.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.029+/-0.681 χ^2/NDF : 146.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

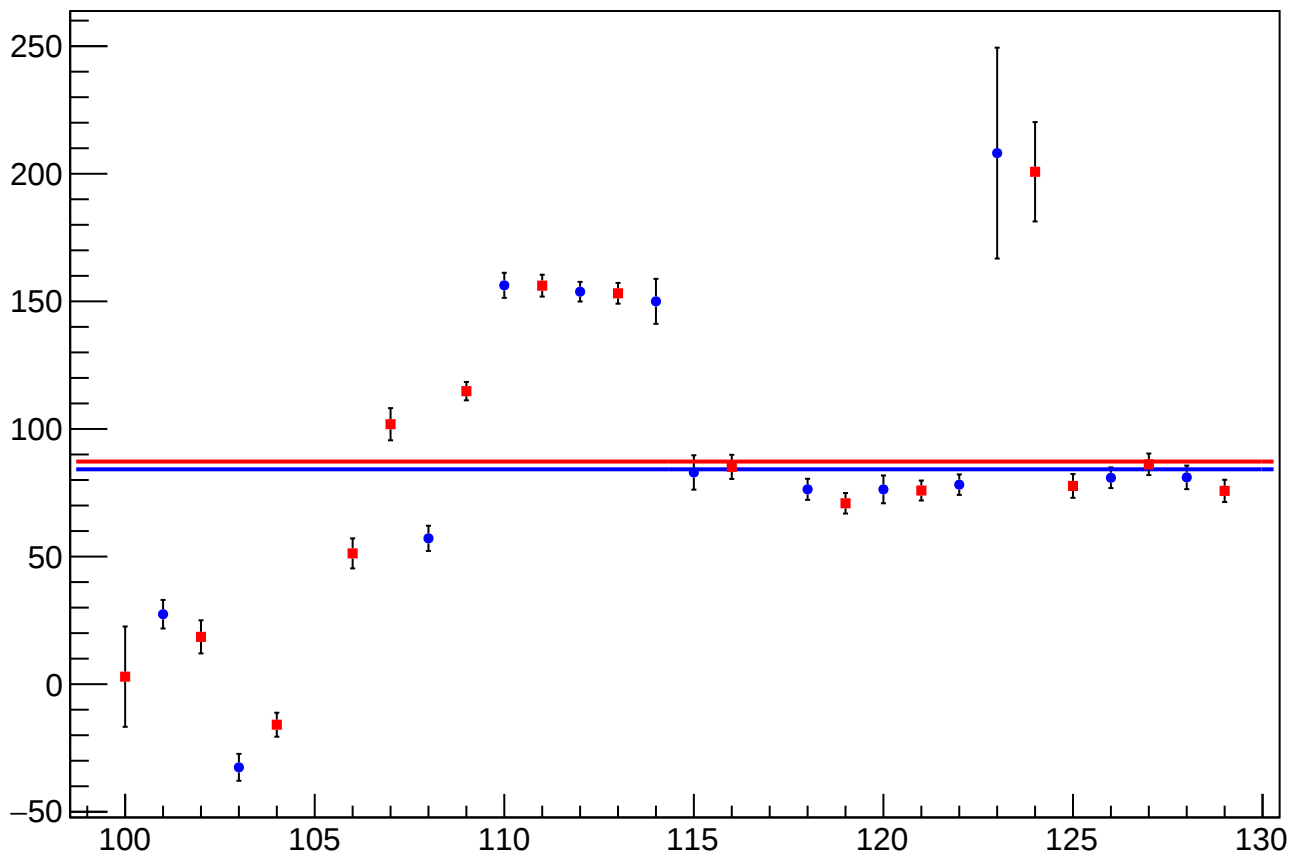
Right: -4.712+/-0.494 χ^2/NDF : 276.4/27

In: -5.471+/-0.718 χ^2/NDF : 127.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.712+/-0.494 χ^2/NDF : 276.4/27

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 84.193+/-1.393 χ^2 /NDF: 1238.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 87.234+/-1.244 χ^2 /NDF: 1304.4/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

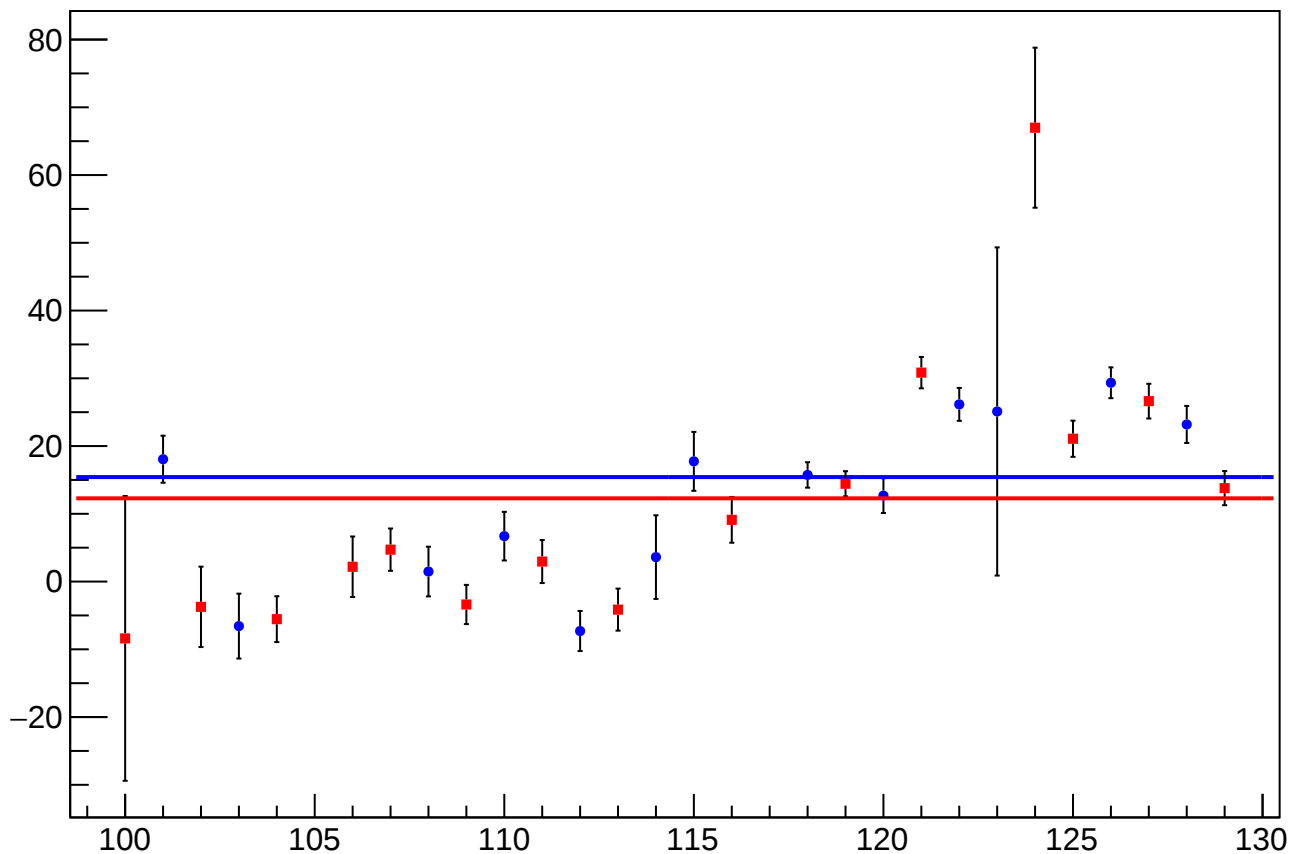
Right: 85.885+/-0.928 χ^2 /NDF: 2545.3/27

In: 84.193+/-1.393 χ^2 /NDF:1238.2/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 85.885+/-0.928 χ^2 /NDF: 2545.3/27

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.421+/-0.844 χ^2/NDF : 171.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.285+/-0.787 χ^2/NDF : 243.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

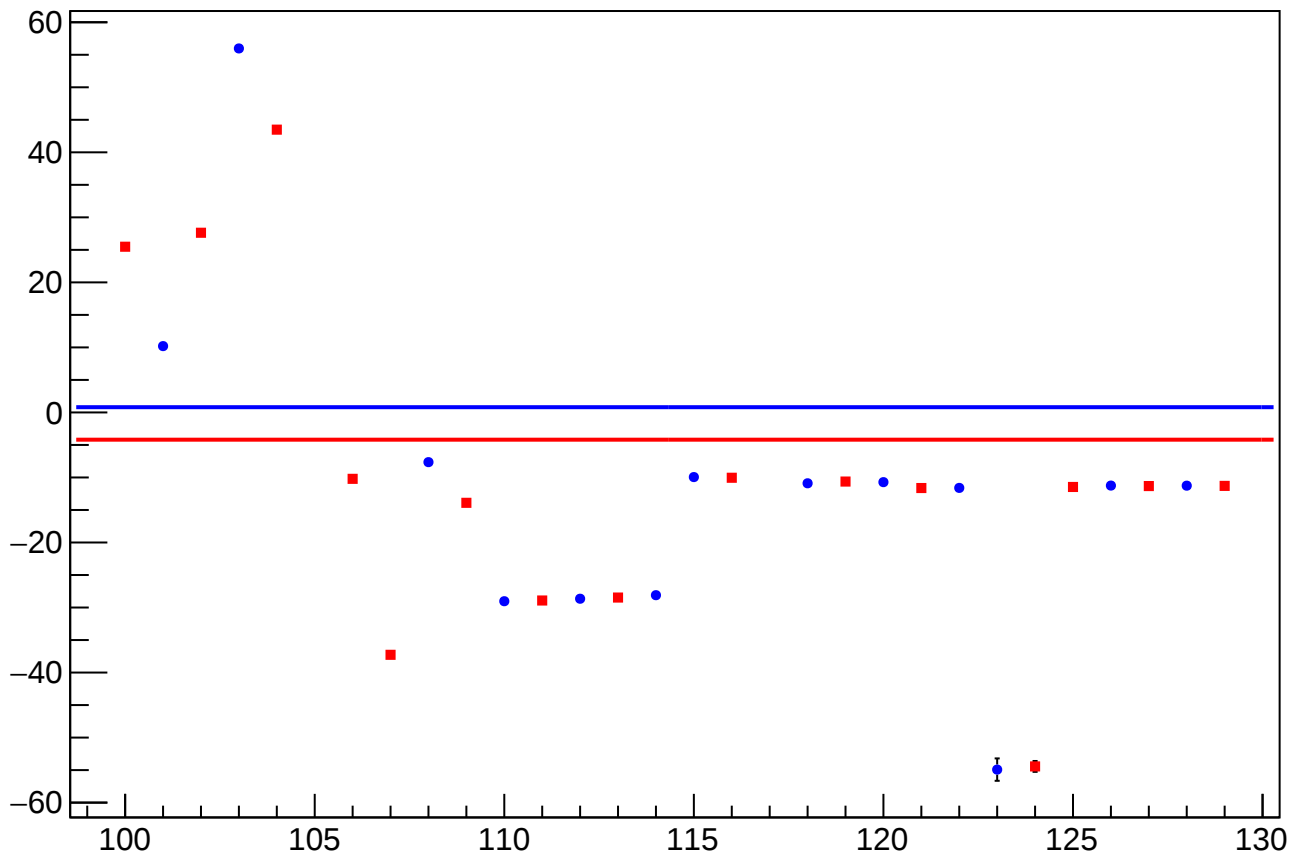
Right: 13.745+/-0.575 χ^2/NDF : 422.2/27

In: 15.421+/-0.844 χ^2/NDF : 171.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.745+/-0.575 χ^2/NDF : 422.2/27

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.806+/-0.051 χ^2/NDF : 295794.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.190+/-0.046 χ^2/NDF : 306819.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

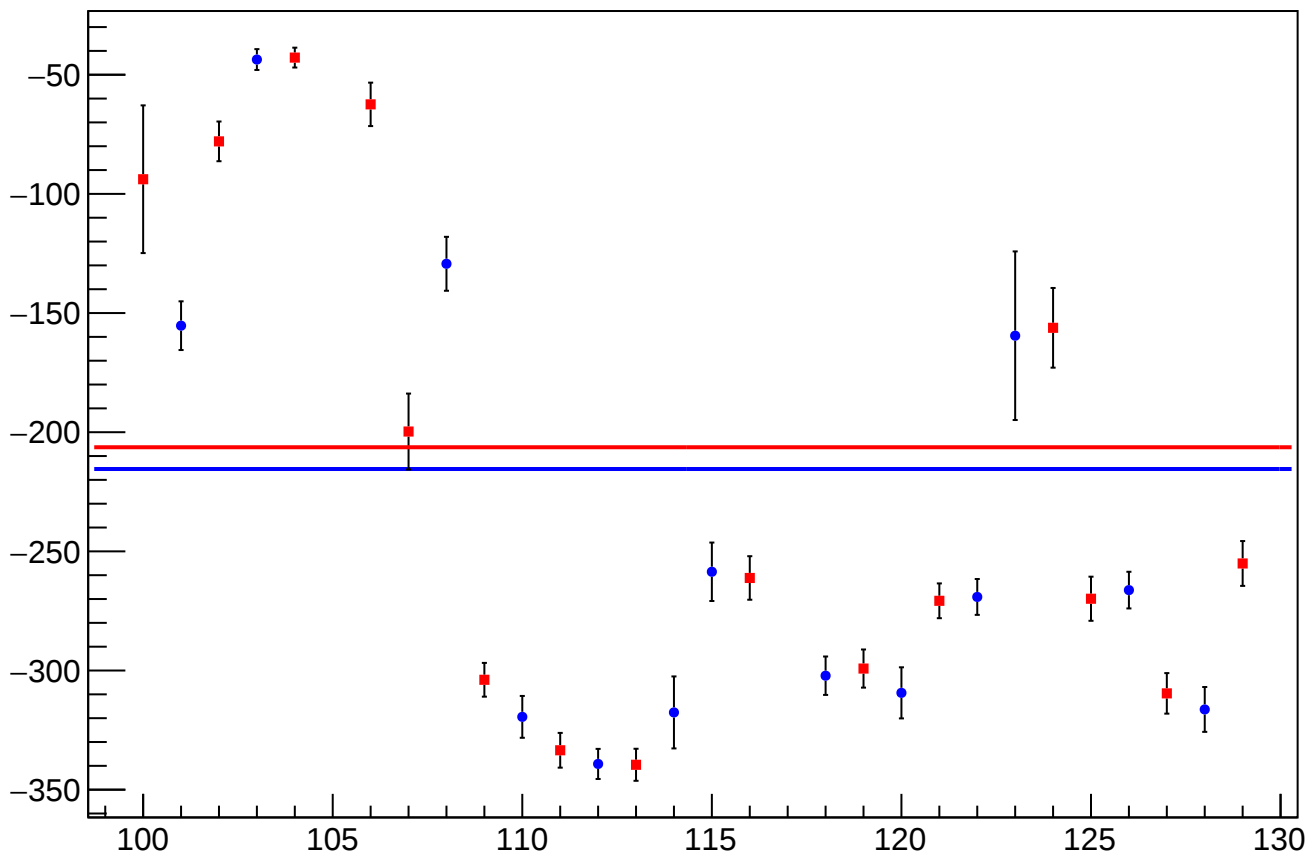
Right: -1.927+/-0.034 χ^2/NDF : 607900.0/27

In: 0.806+/-0.051 χ^2/NDF :295794.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.927+/-0.034 χ^2/NDF : 607900.0/27

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -215.442+/-2.297 χ^2/NDF : 2624.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -206.311+/-2.056 χ^2/NDF : 3406.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

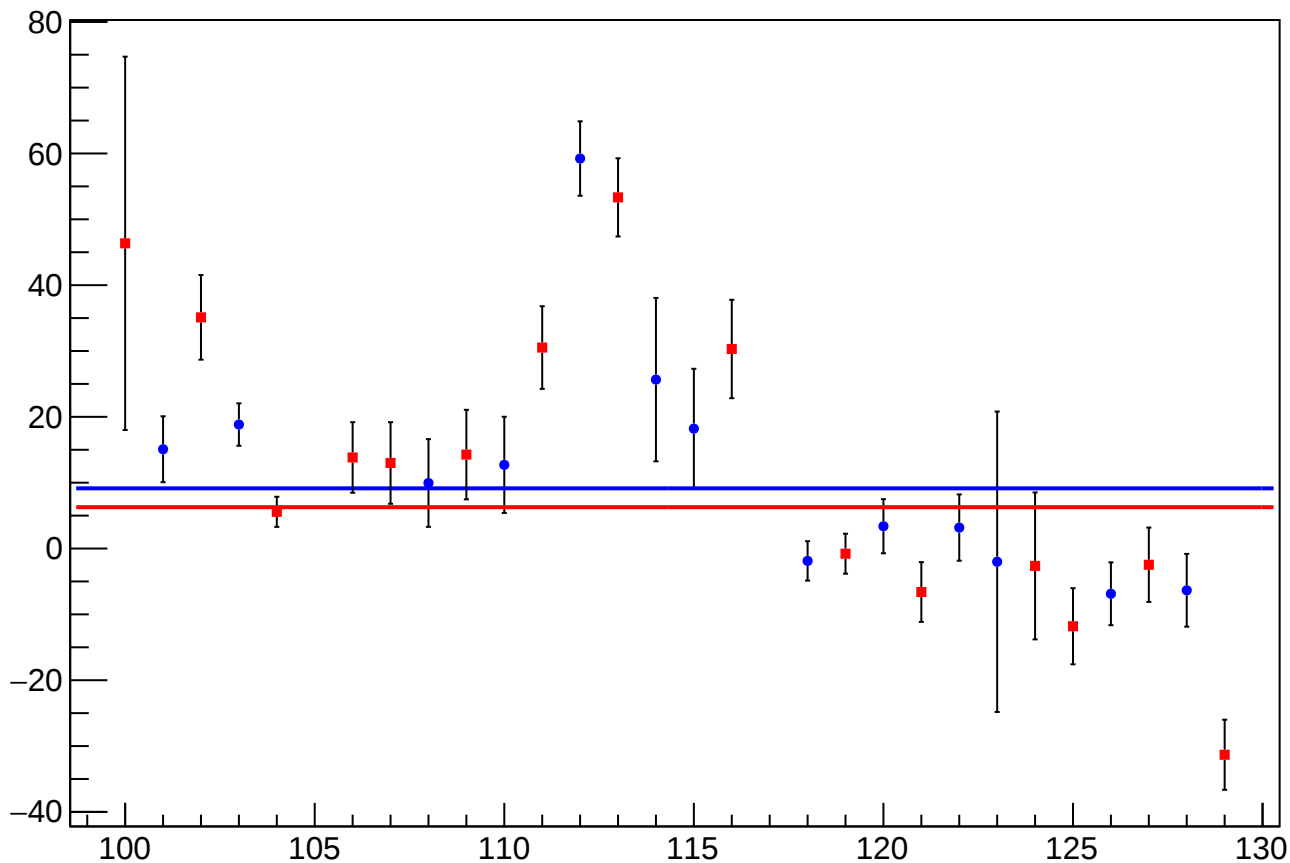
Right: -210.372+/-1.532 χ^2/NDF : 6039.1/27

In: -215.442+/-2.297 χ^2/NDF :2624.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -210.372+/-1.532 χ^2/NDF : 6039.1/27

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.142+/-1.392 χ^2/NDF : 128.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.278+/-1.258 χ^2/NDF : 191.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

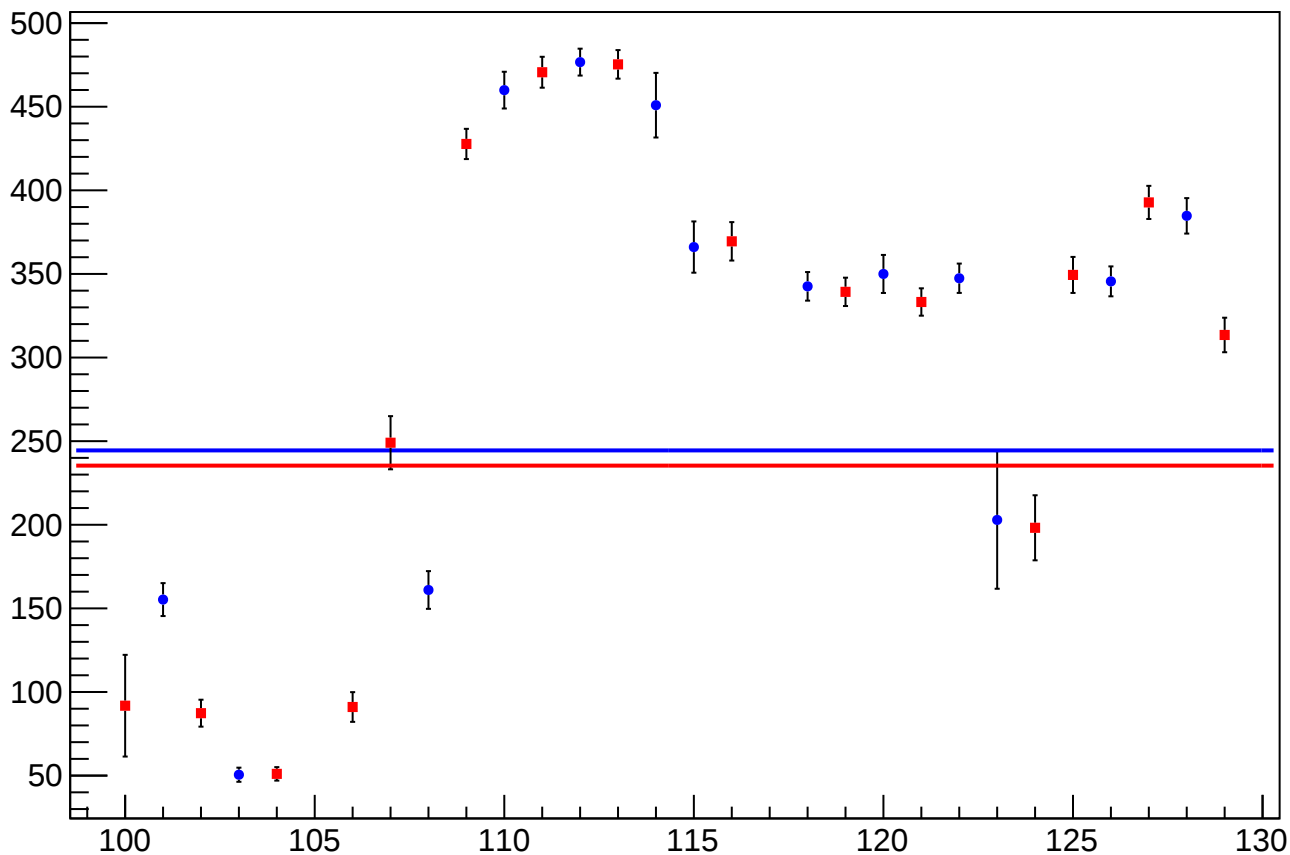
Right: 7.565+/-0.933 χ^2/NDF : 321.6/27

In: 9.142+/-1.392 χ^2/NDF : 128.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.565+/-0.933 χ^2/NDF : 321.6/27

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 244.469+/-2.491 χ^2/NDF : 4295.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 235.371+/-2.239 χ^2/NDF : 5456.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

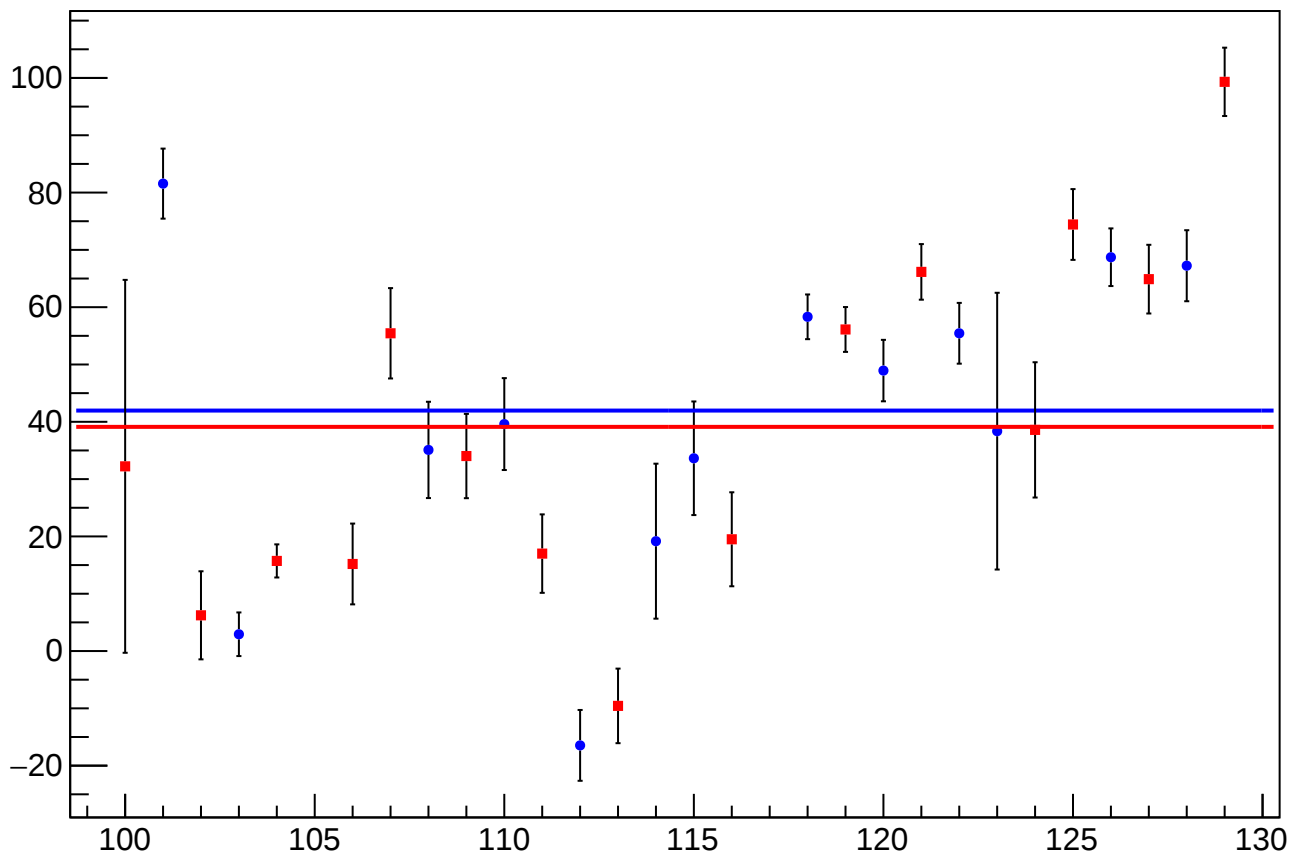
Right: 239.437+/-1.665 χ^2/NDF : 9759.8/27

In: 244.469+/-2.491 χ^2/NDF : 4295.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 239.437+/-1.665 χ^2/NDF : 9759.8/27

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.961 $\pm$ 1.642 χ^2 /NDF: 311.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 39.117 $\pm$ 1.492 χ^2 /NDF: 375.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

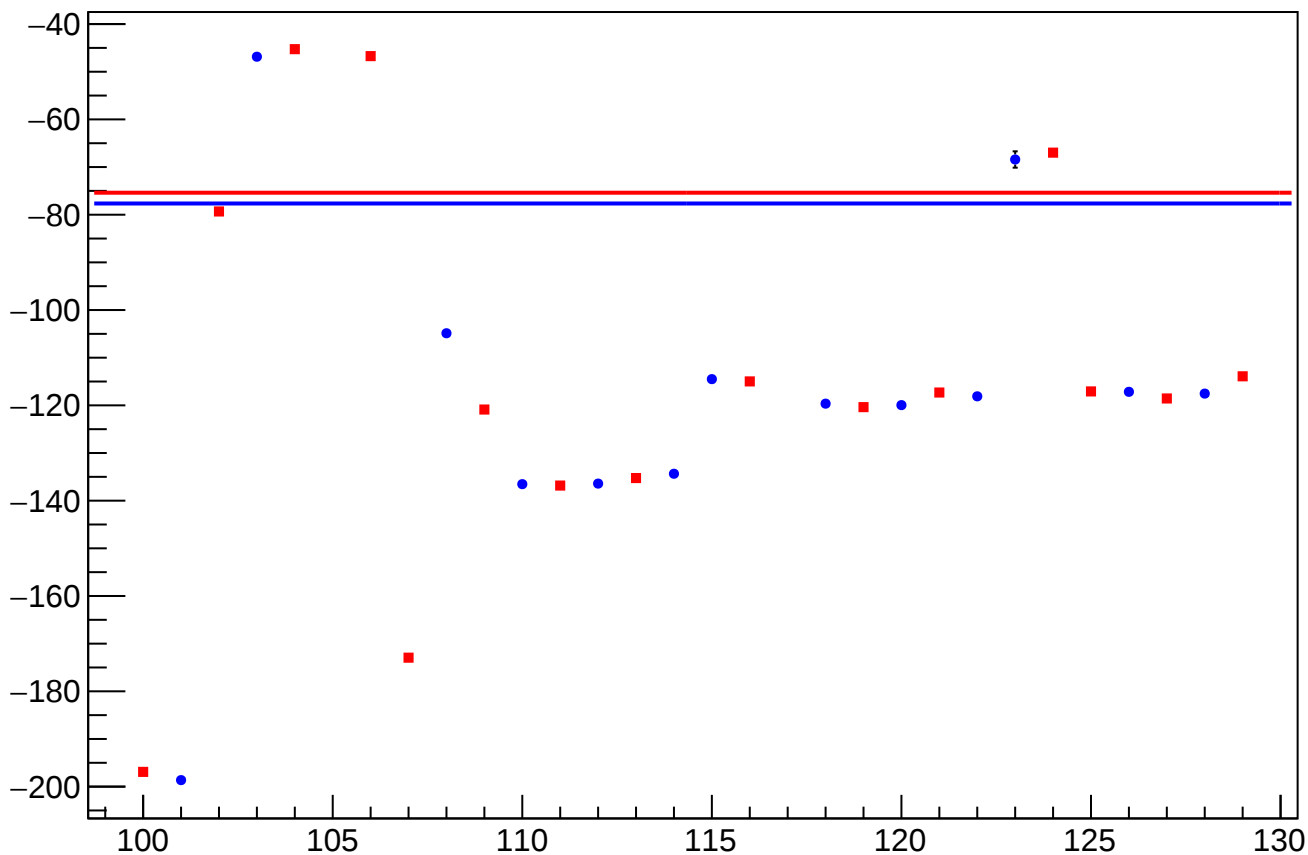
Right: 40.403 $\pm$ 1.104 χ^2 /NDF: 688.6/27

In: 41.961 $\pm$ 1.642 χ^2 /NDF: 311.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 40.403 $\pm$ 1.104 χ^2 /NDF: 688.6/27

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -77.646 $\pm$ 0.075 χ^2 /NDF: 328655.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -75.385 $\pm$ 0.070 χ^2 /NDF: 307209.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

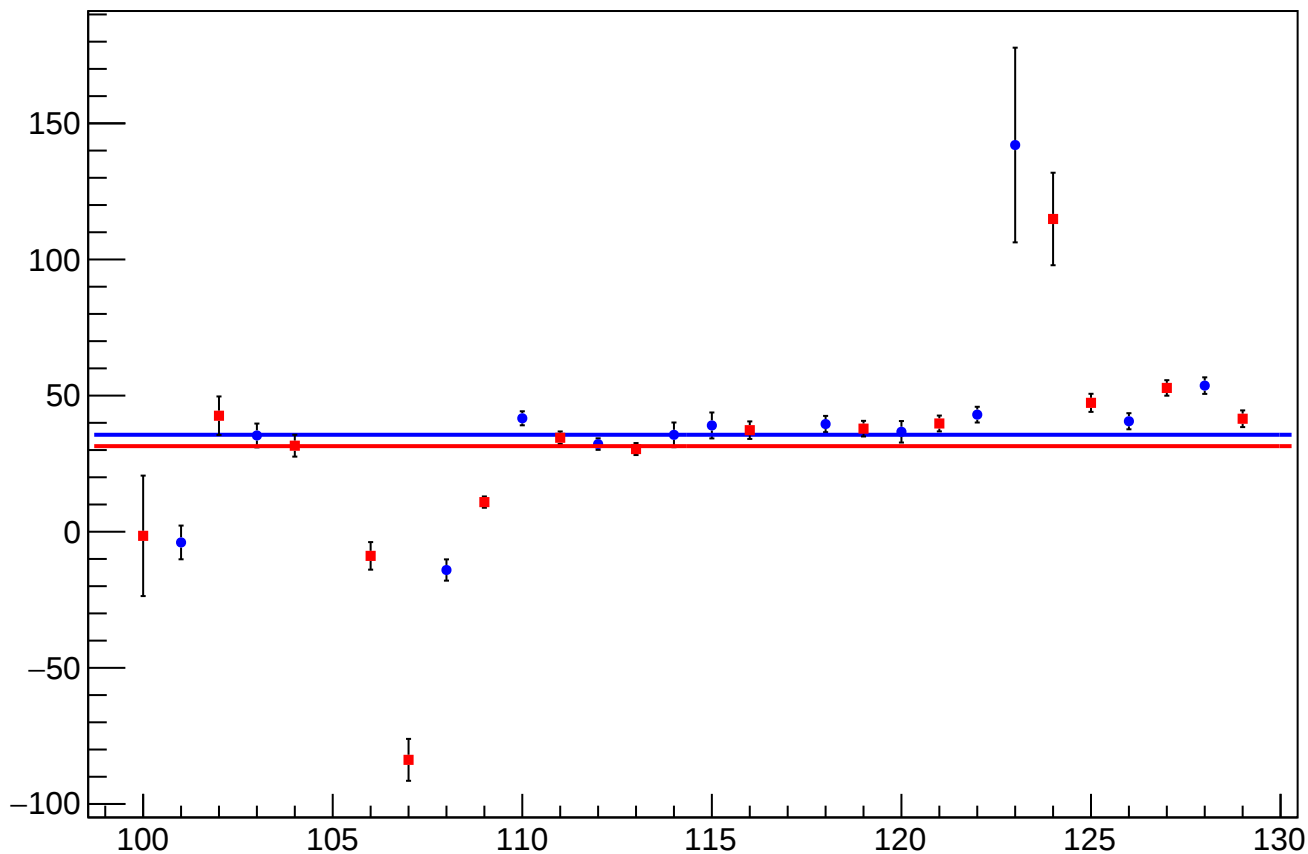
Right: -76.438 $\pm$ 0.051 χ^2 /NDF: 636354.4/27

In: -77.646 $\pm$ 0.075 χ^2 /NDF:328655.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -76.438 $\pm$ 0.051 χ^2 /NDF: 636354.4/27

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 35.612 $\pm$ 0.941 χ^2 /NDF: 266.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 31.437 $\pm$ 0.837 χ^2 /NDF: 523.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

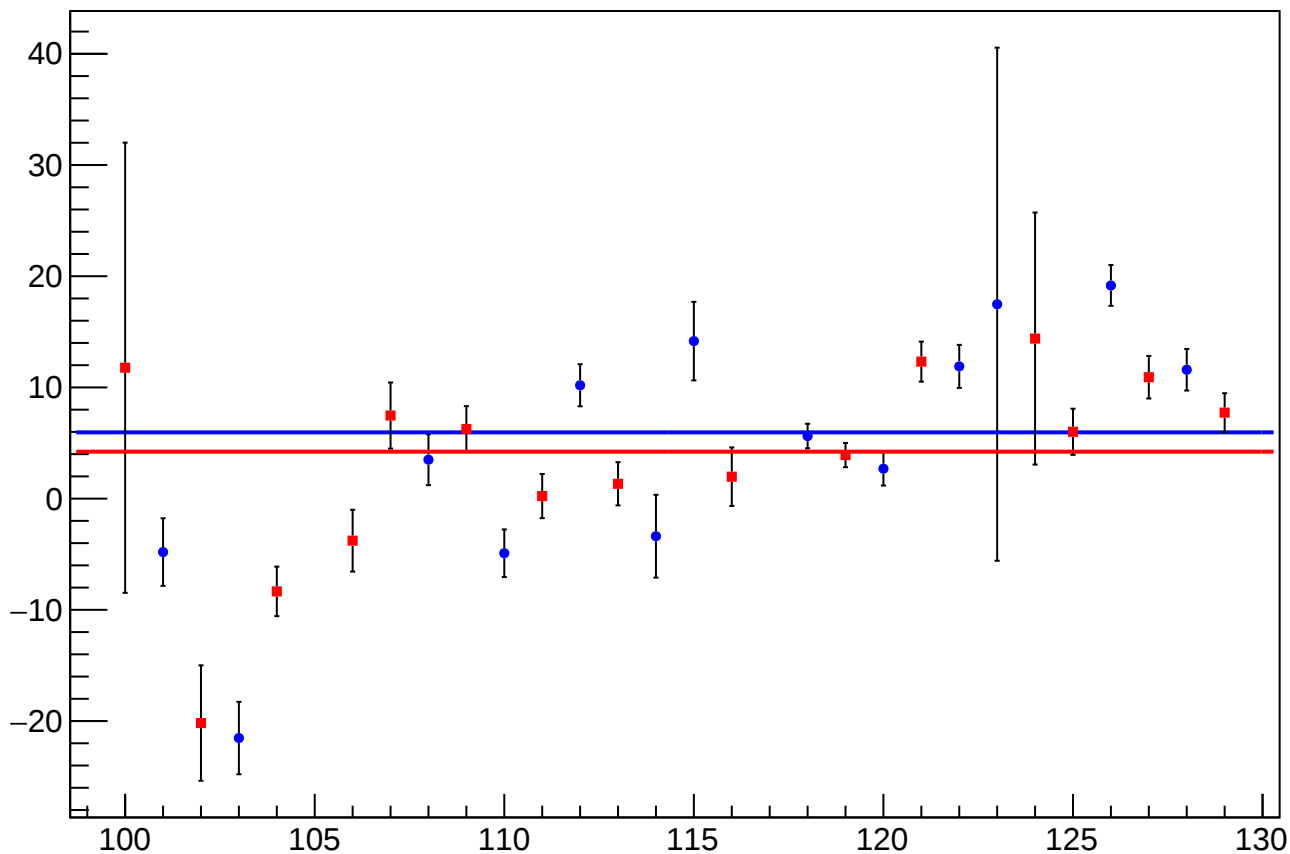
Right: 33.282 $\pm$ 0.625 χ^2 /NDF: 800.7/27

In: 35.612 $\pm$ 0.941 χ^2 /NDF:266.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 33.282 $\pm$ 0.625 χ^2 /NDF: 800.7/27

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.960+/-0.563 χ^2/NDF : 202.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.225+/-0.544 χ^2/NDF : 109.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

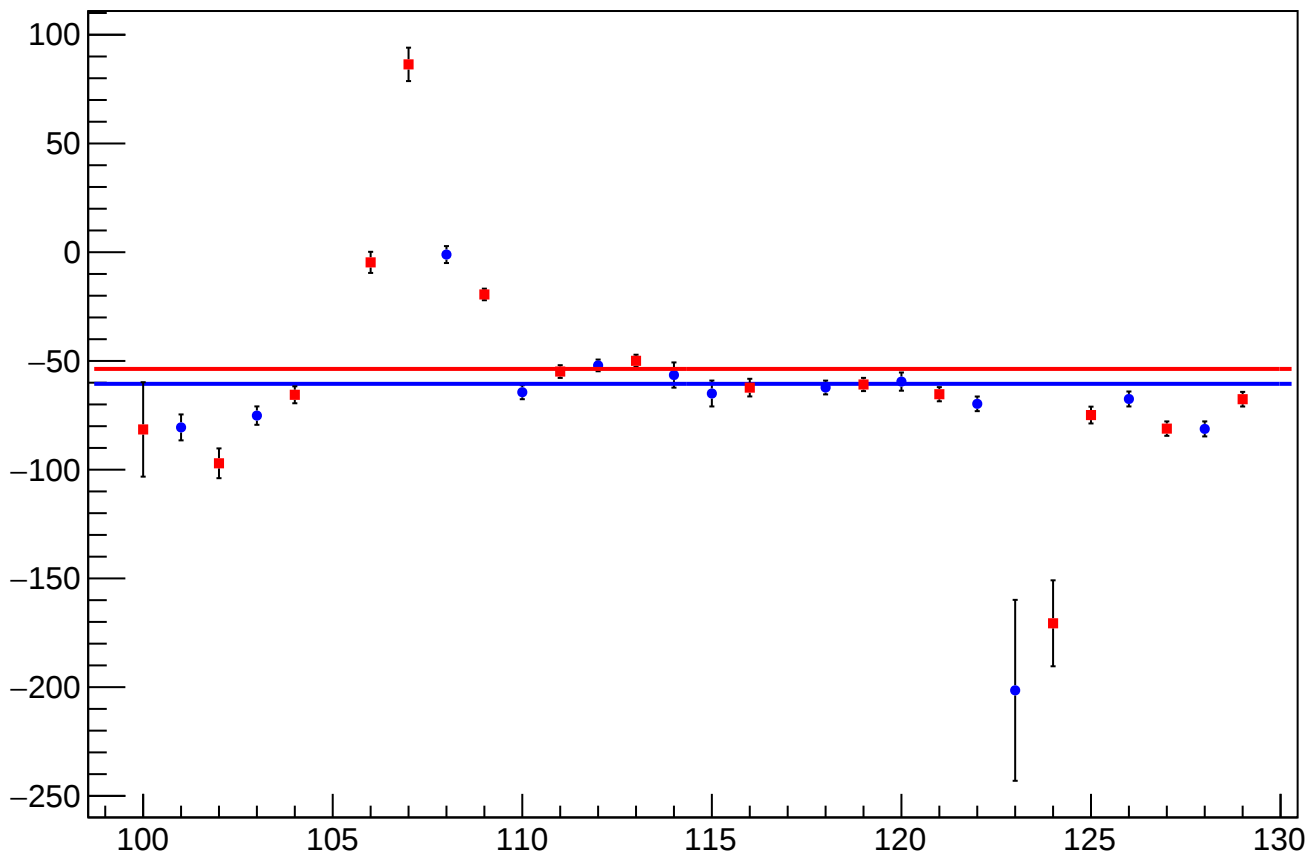
Right: 5.063+/-0.392 χ^2/NDF : 317.2/27

In: 5.960+/-0.563 χ^2/NDF : 202.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.063+/-0.392 χ^2/NDF : 317.2/27

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -60.524+/-1.081 χ^2/NDF : 327.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -53.667+/-0.977 χ^2/NDF : 826.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

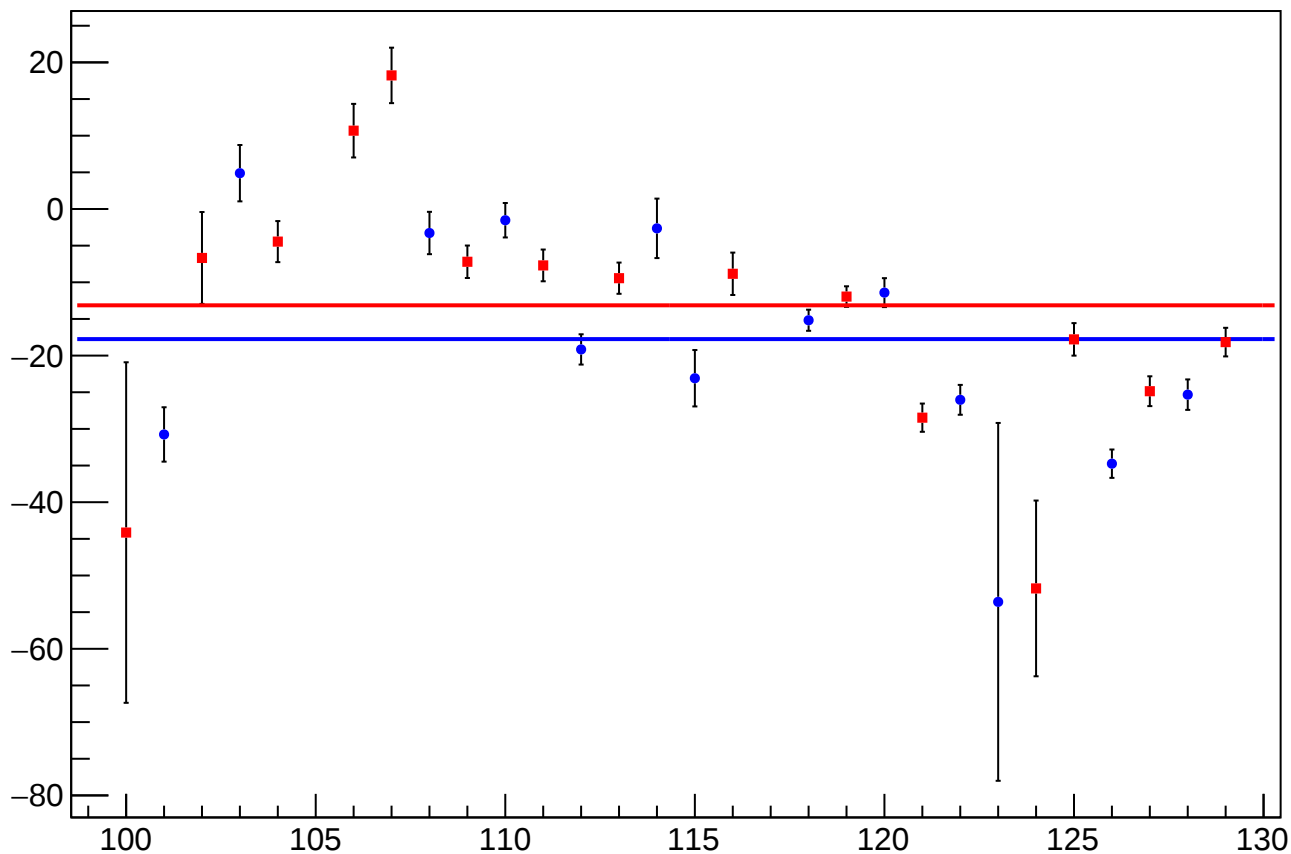
Right: -56.749+/-0.725 χ^2/NDF : 1176.2/27

In: -60.524+/-1.081 χ^2/NDF : 327.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.749+/-0.725 χ^2/NDF : 1176.2/27

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -17.749 ± 0.662 χ^2/NDF : 258.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -13.141 ± 0.626 χ^2/NDF : 261.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

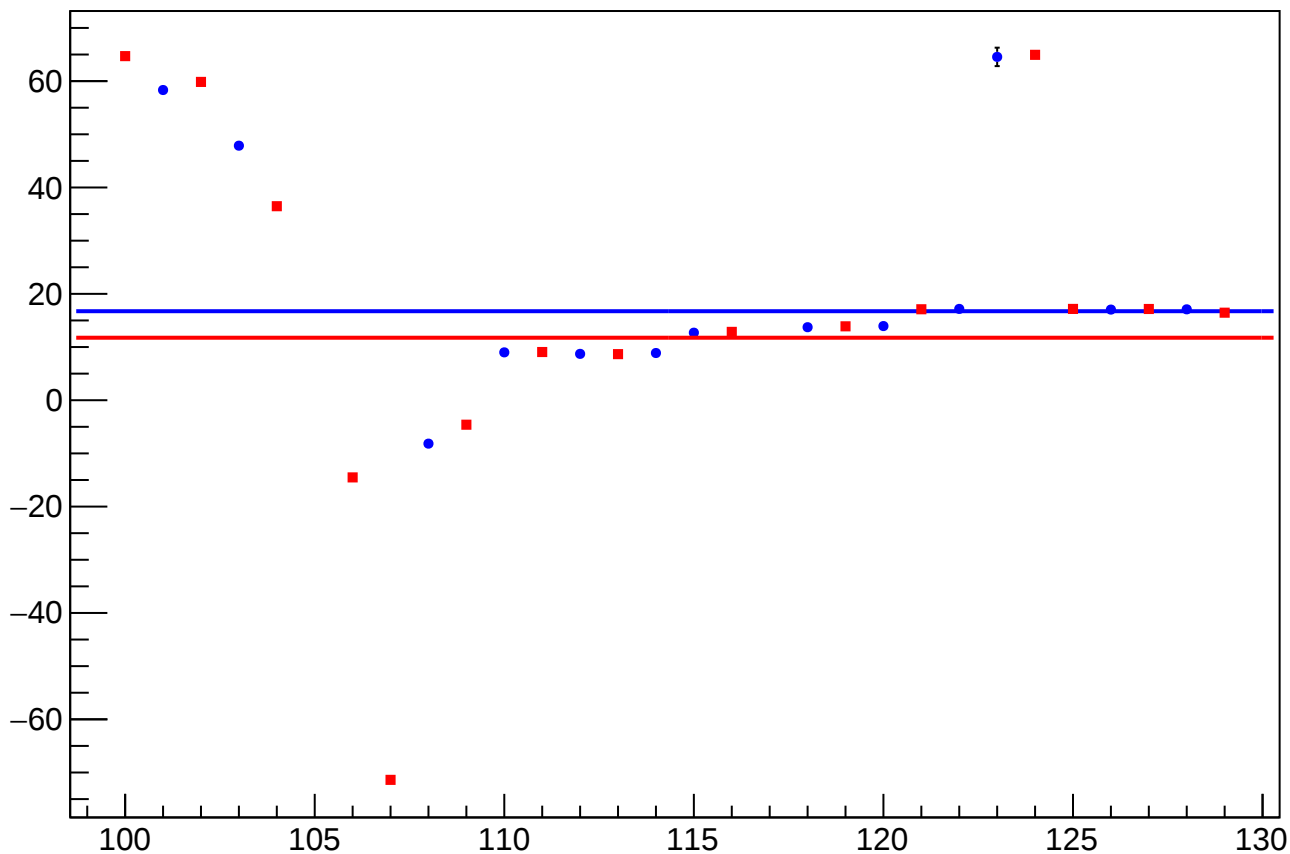
Right: -15.319 ± 0.455 χ^2/NDF : 545.3/27

In: -17.749 ± 0.662 χ^2/NDF : 258.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.319 ± 0.455 χ^2/NDF : 545.3/27

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 16.738+/-0.040 χ^2/NDF : 233106.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.752+/-0.038 χ^2/NDF : 448583.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

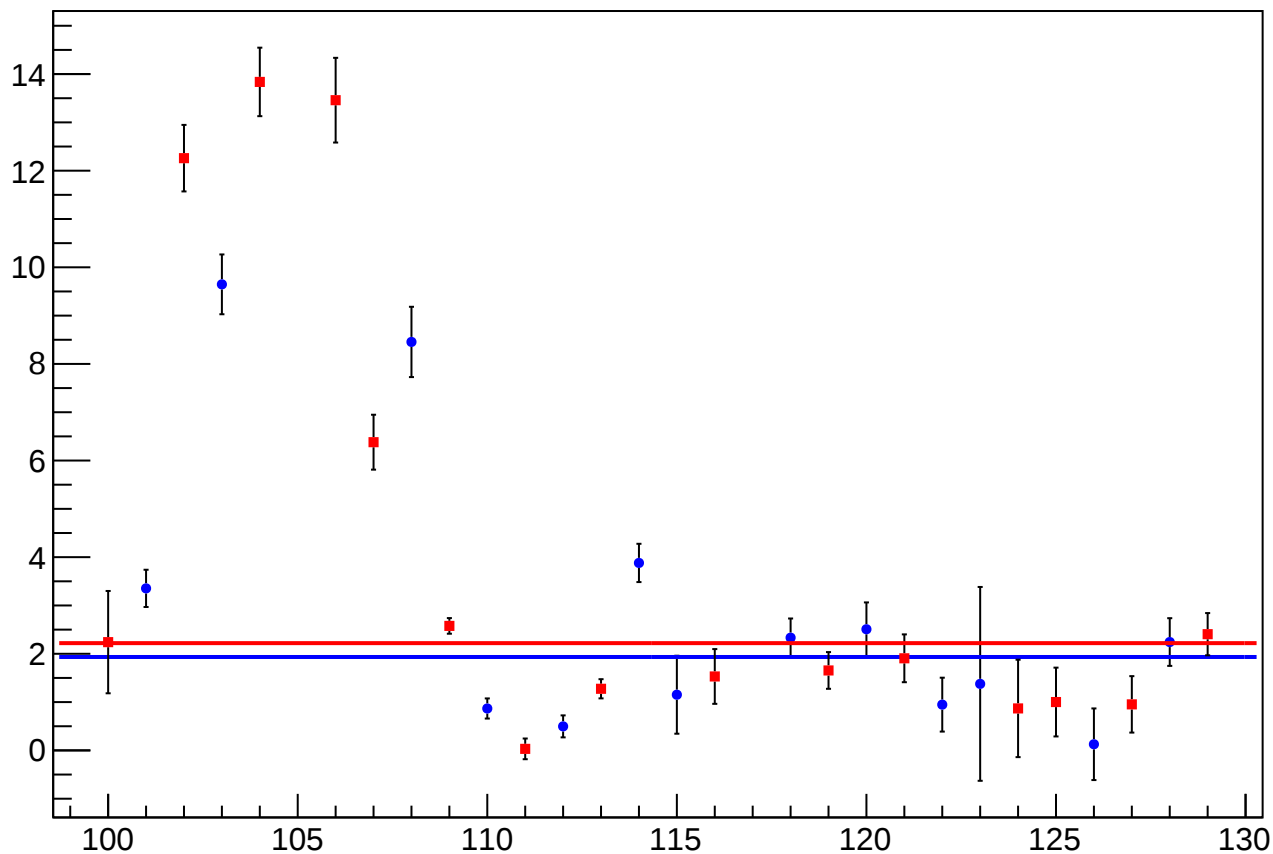
Right: 14.125+/-0.028 χ^2/NDF : 689797.4/27

In: 16.738+/-0.040 χ^2/NDF : 233106.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.125+/-0.028 χ^2/NDF : 689797.4/27

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.934+/-0.111 χ^2/NDF : 352.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.220+/-0.091 χ^2/NDF : 844.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

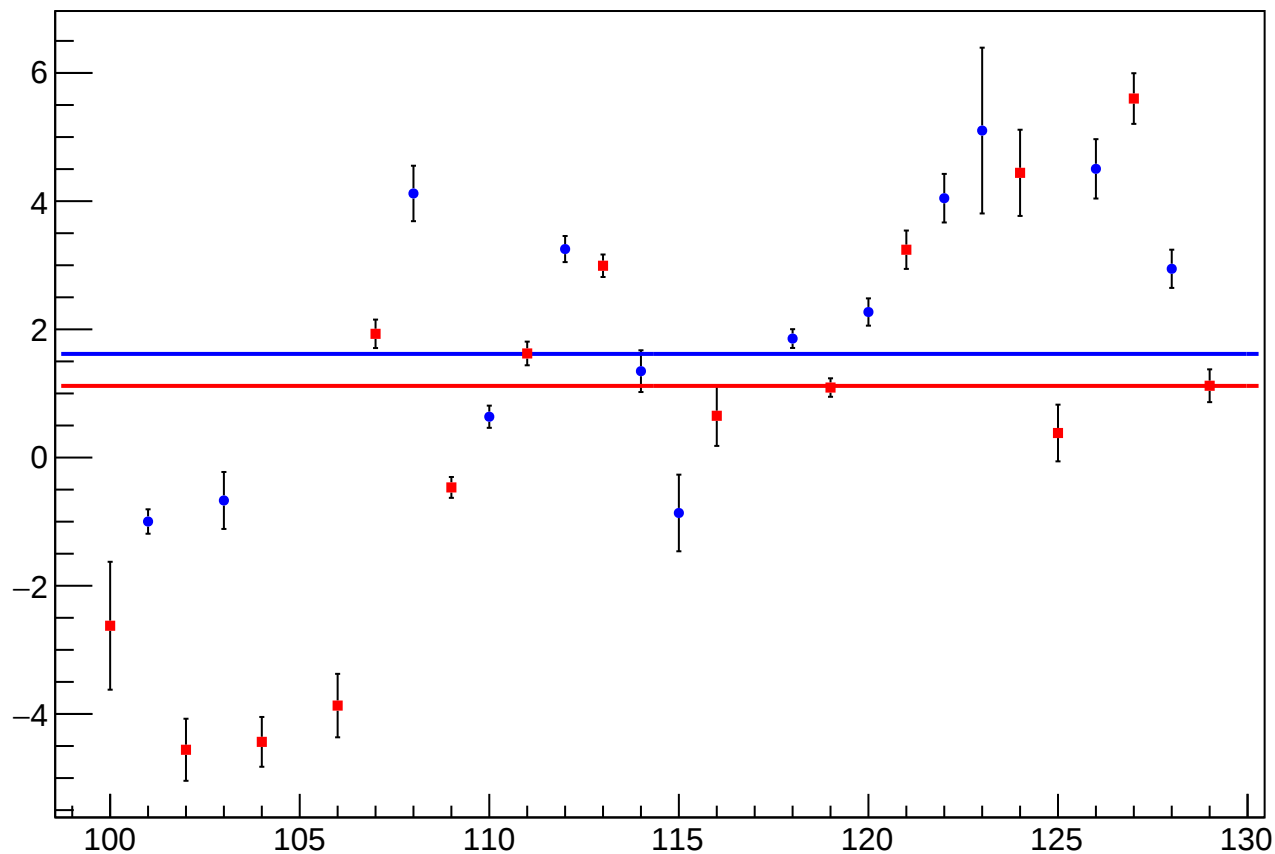
Right: 2.105+/-0.071 χ^2/NDF : 1200.4/27

In: 1.934+/-0.111 χ^2/NDF : 352.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.105+/-0.071 χ^2/NDF : 1200.4/27

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.617 $\pm$ 0.071 χ^2 /NDF: 482.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.118 $\pm$ 0.066 χ^2 /NDF: 894.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

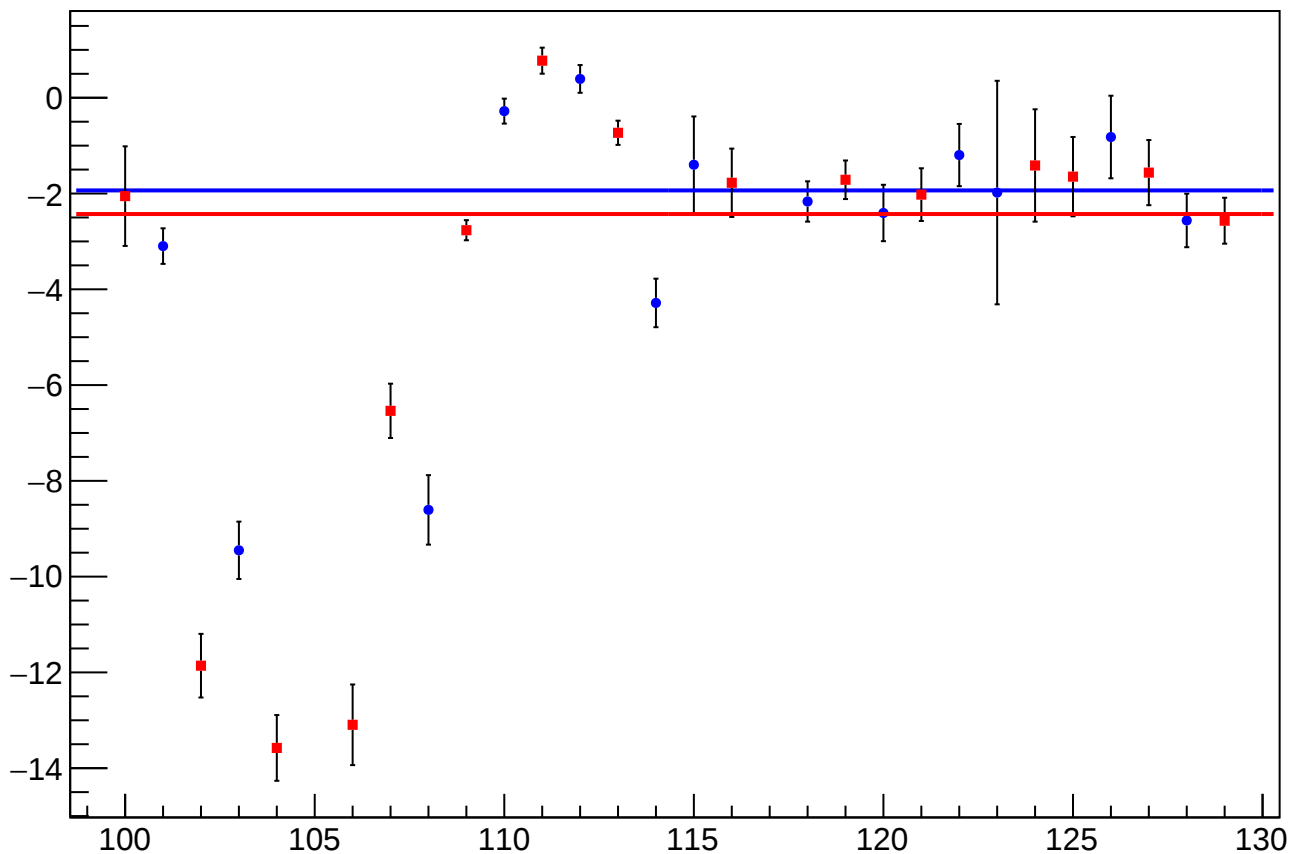
Right: 1.351 $\pm$ 0.048 χ^2 /NDF: 1403.0/27

In: 1.617 $\pm$ 0.071 χ^2 /NDF:482.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.351 $\pm$ 0.048 χ^2 /NDF: 1403.0/27

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.935 ± 0.130 χ^2/NDF : 383.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.428 ± 0.111 χ^2/NDF : 872.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

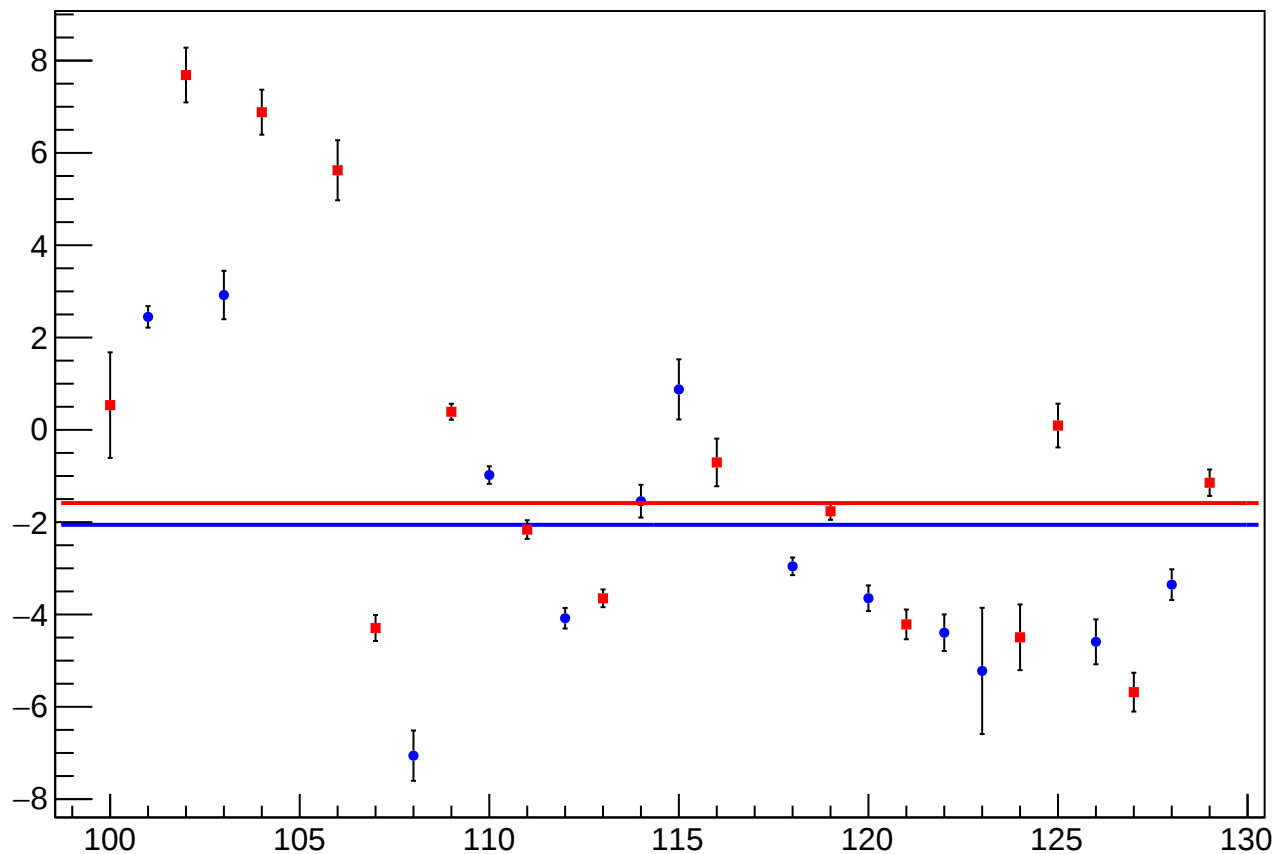
Right: -2.221 ± 0.084 χ^2/NDF : 1265.1/27

In: -1.935 ± 0.130 χ^2/NDF : 383.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.221 ± 0.084 χ^2/NDF : 1265.1/27

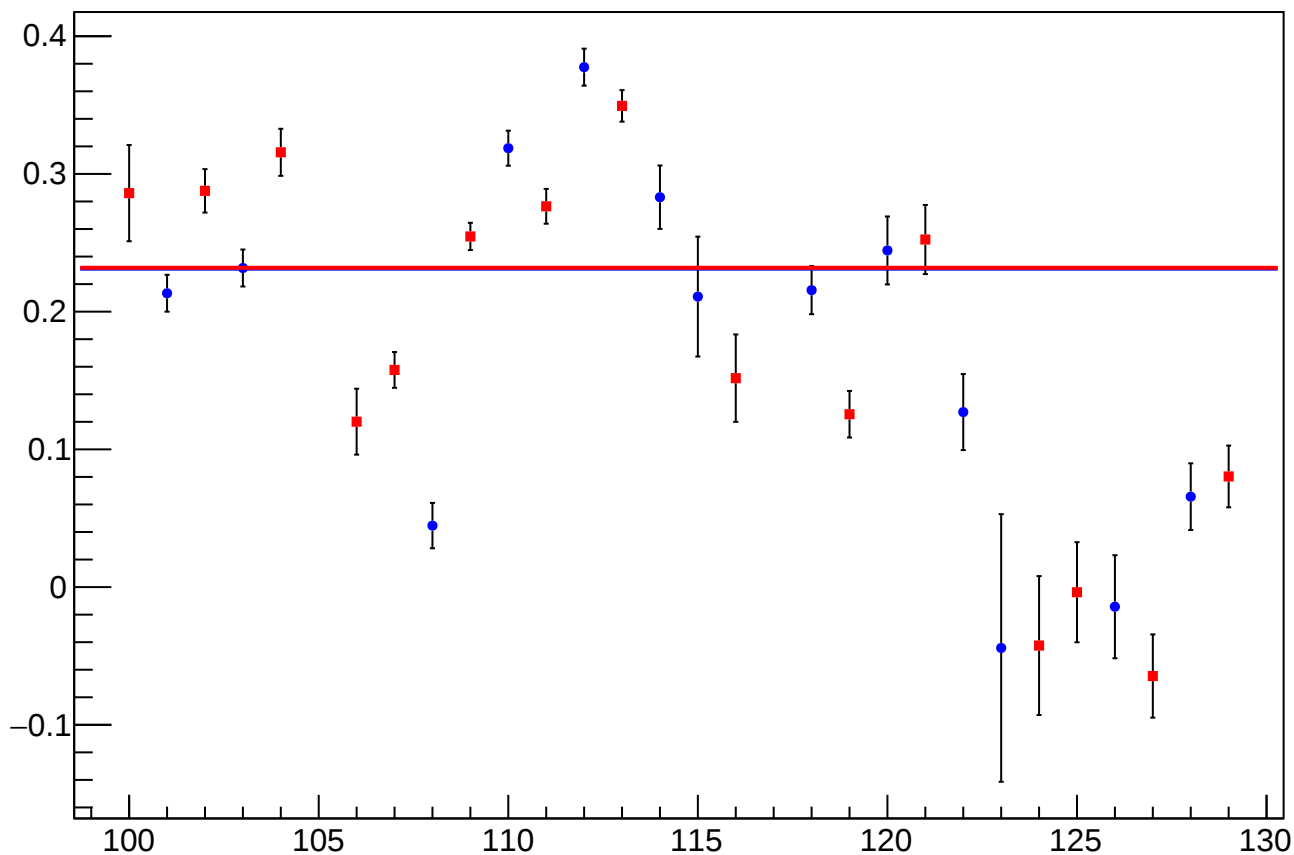
reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.057 ± 0.083 χ^2/NDF : 823.5/12
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -1.586 ± 0.076 χ^2/NDF : 1216.0/14
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -1.799 ± 0.056 χ^2/NDF : 2057.0/27
 In: -2.057 ± 0.083 χ^2/NDF : 823.5/12
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -1.799 ± 0.056 χ^2/NDF : 2057.0/27

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.231+/-0.005 χ^2/NDF : 414.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.232+/-0.004 χ^2/NDF : 476.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

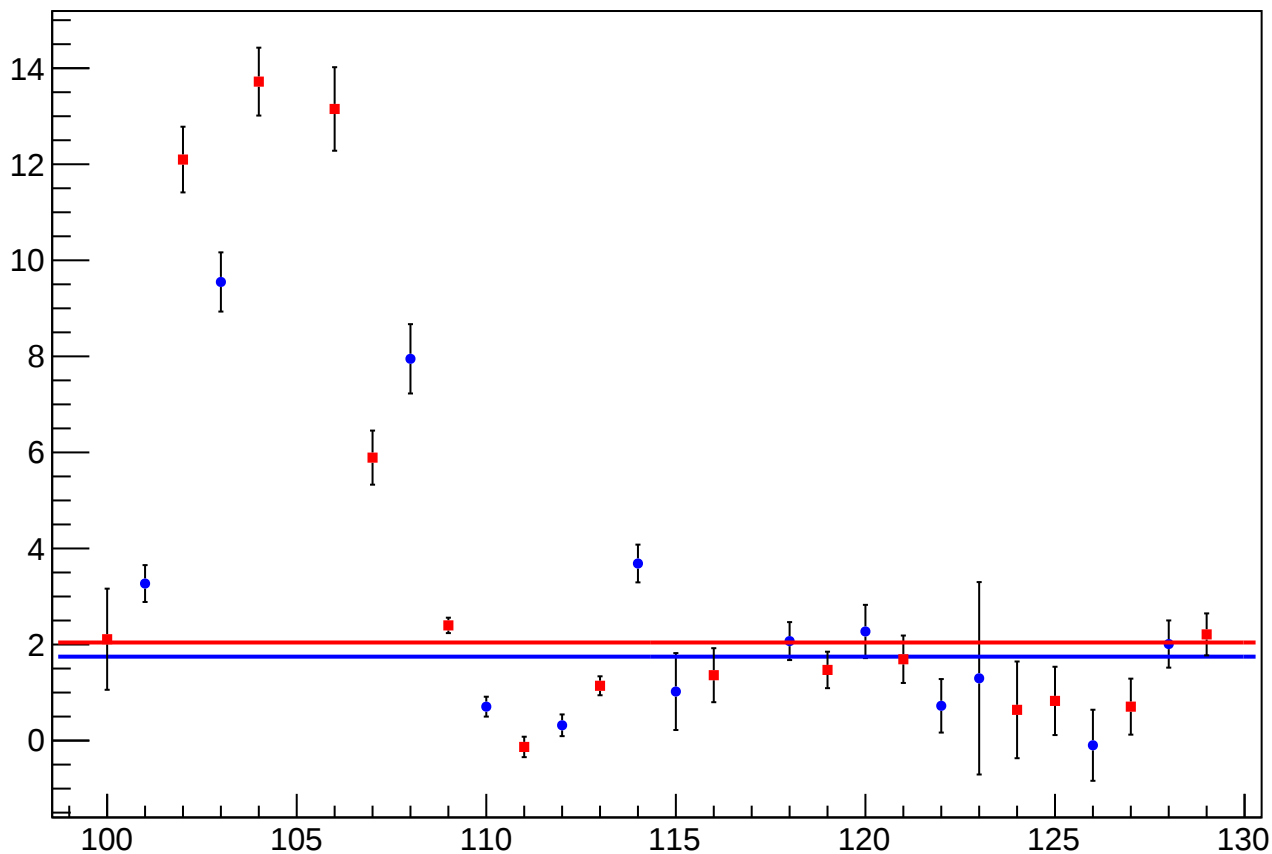
Right: 0.232+/-0.003 χ^2/NDF : 891.3/27

In: 0.231+/-0.005 χ^2/NDF :414.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.232+/-0.003 χ^2/NDF : 891.3/27

reg_asym_bcm_an_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.748 $\pm$ 0.111 χ^2 /NDF: 351.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.042 $\pm$ 0.091 χ^2 /NDF: 843.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

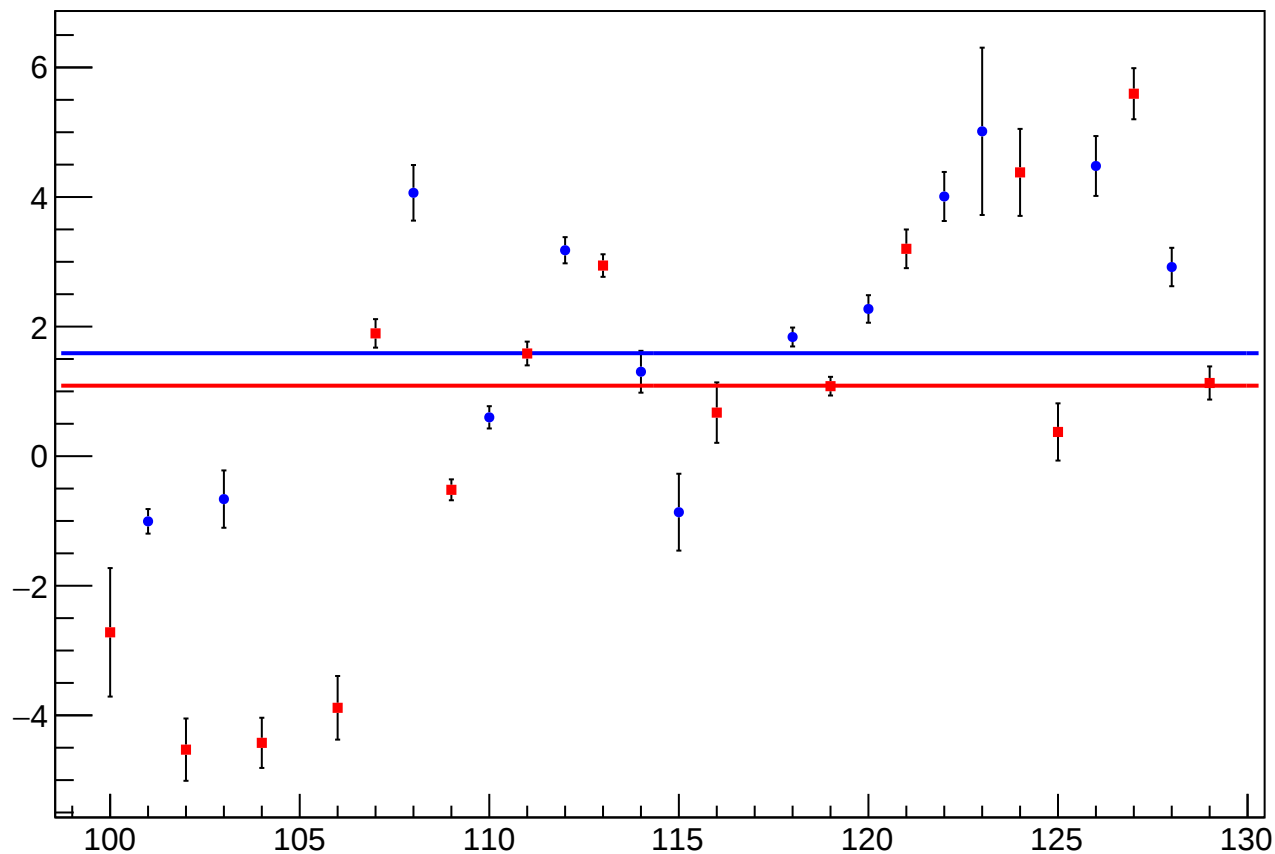
Right: 1.924 $\pm$ 0.070 χ^2 /NDF: 1199.8/27

In: 1.748 $\pm$ 0.111 χ^2 /NDF:351.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.924 $\pm$ 0.070 χ^2 /NDF: 1199.8/27

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.589 ± 0.070 χ^2/NDF : 479.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.088 ± 0.066 χ^2/NDF : 897.8/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

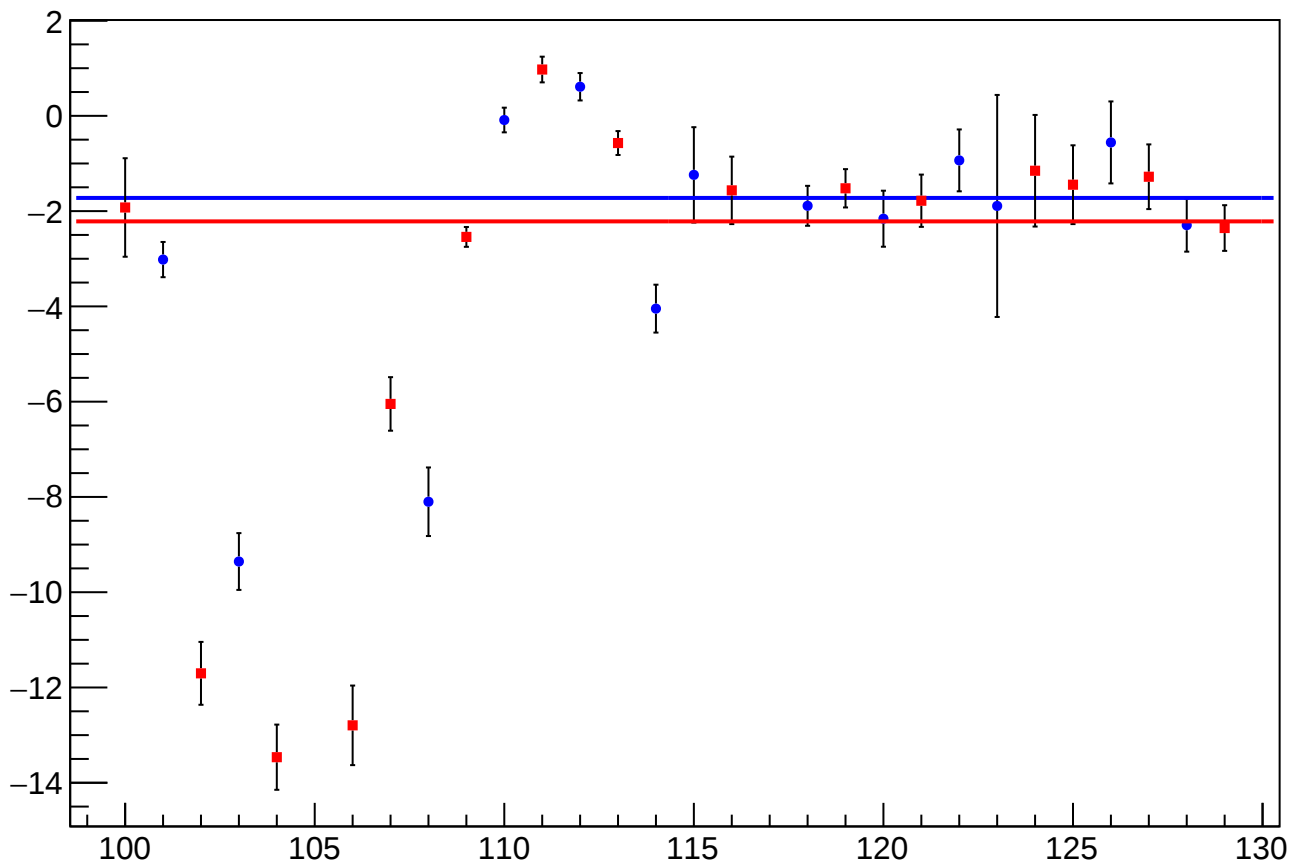
Right: 1.322 ± 0.048 χ^2/NDF : 1404.3/27

In: 1.589 ± 0.070 χ^2/NDF : 479.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.322 ± 0.048 χ^2/NDF : 1404.3/27

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.723+/-0.129 χ^2/NDF : 387.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.216+/-0.110 χ^2/NDF : 877.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

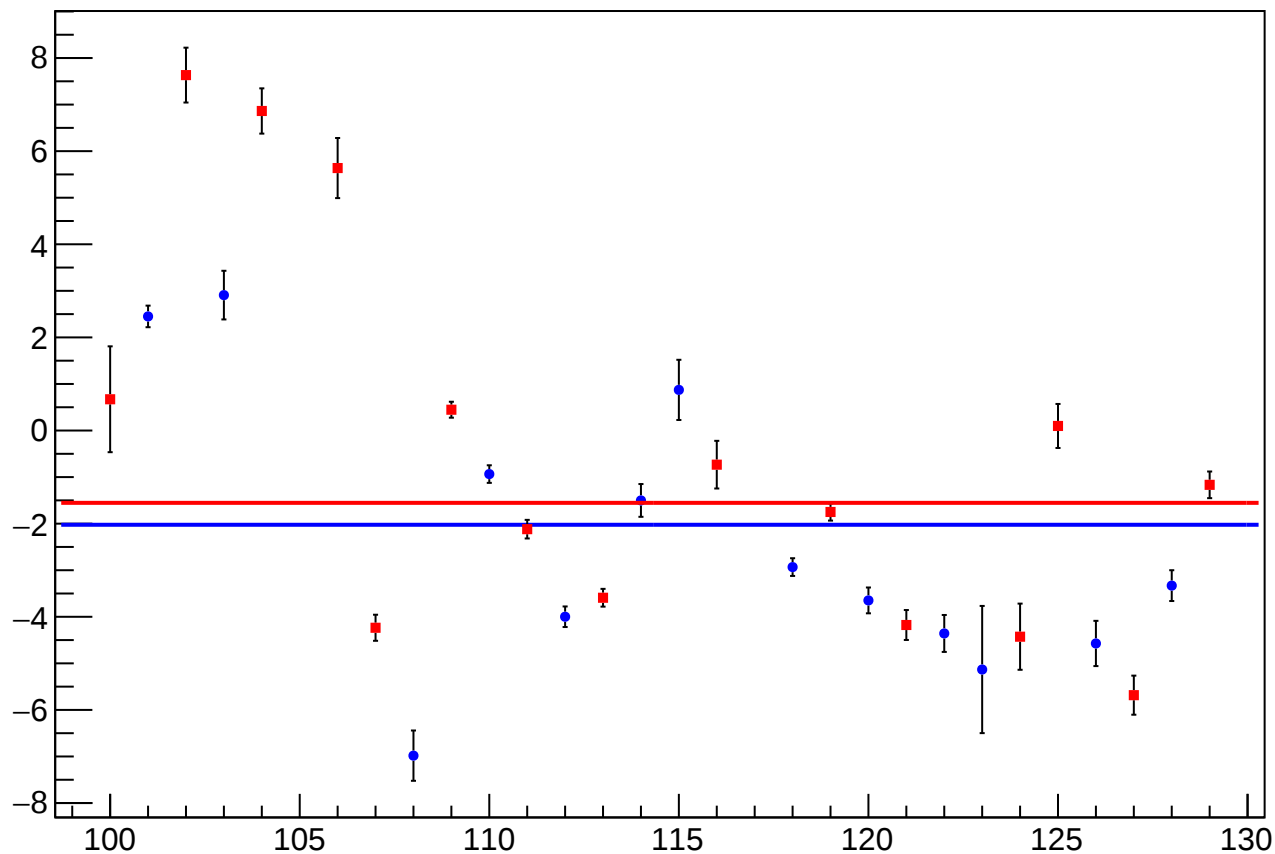
Right: -2.009+/-0.084 χ^2/NDF : 1272.5/27

In: -1.723+/-0.129 χ^2/NDF : 387.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.009+/-0.084 χ^2/NDF : 1272.5/27

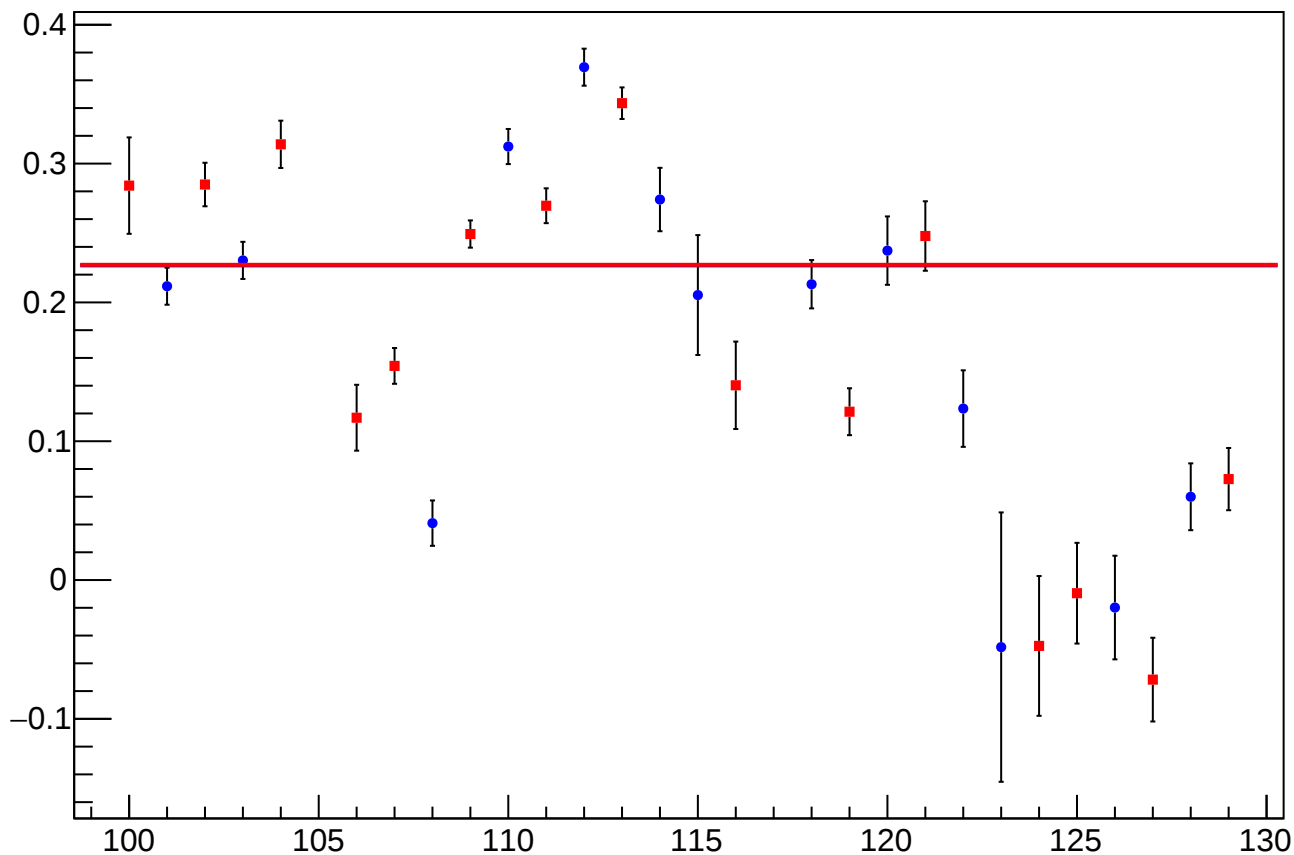
reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.024 $\pm$ 0.083 χ^2 /NDF: 821.6/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -1.553 $\pm$ 0.075 χ^2 /NDF: 1219.0/14
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -1.766 $\pm$ 0.056 χ^2 /NDF: 2058.3/27
 In: -2.024 $\pm$ 0.083 χ^2 /NDF:821.6/12
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -1.766 $\pm$ 0.056 χ^2 /NDF: 2058.3/27

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.227+/-0.005 χ^2/NDF : 410.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.227+/-0.004 χ^2/NDF : 482.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

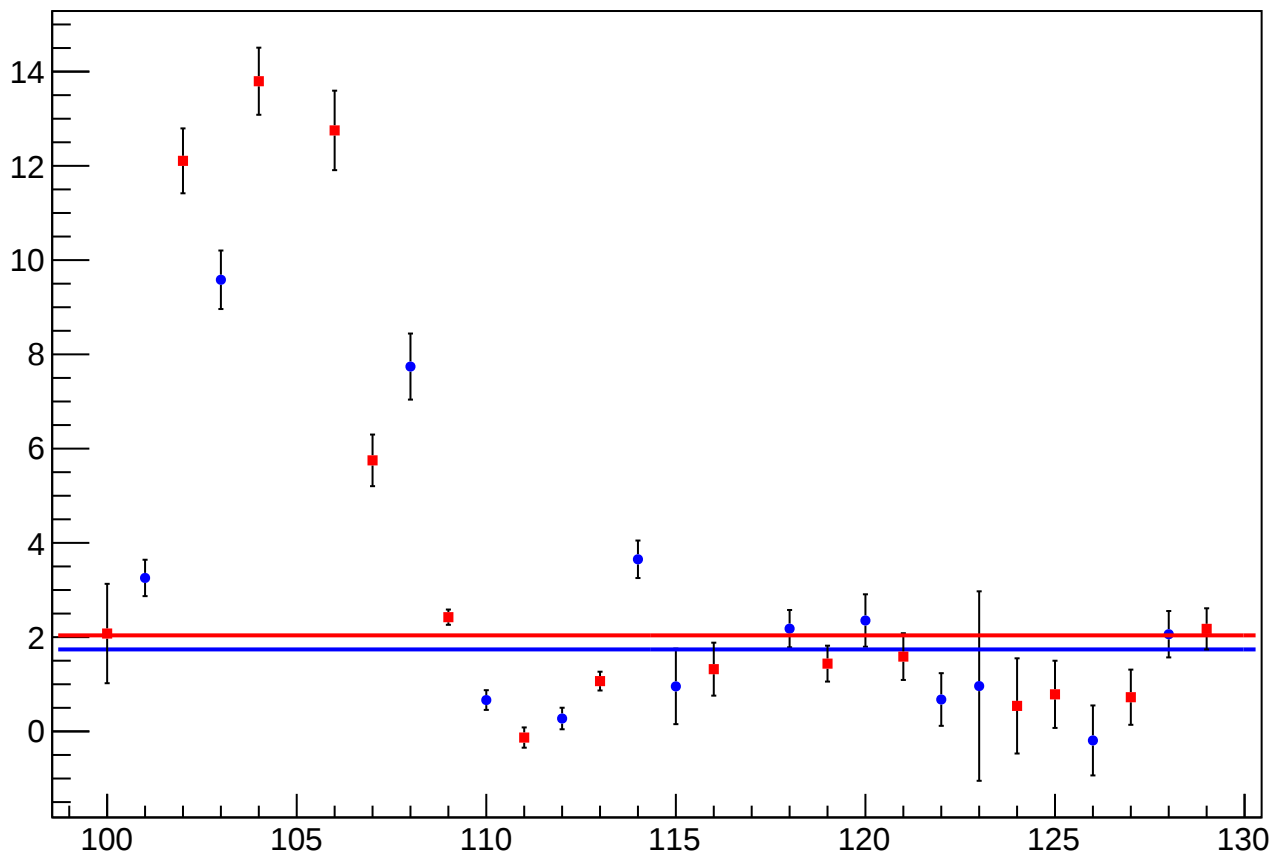
Right: 0.227+/-0.003 χ^2/NDF : 892.7/27

In: 0.227+/-0.005 χ^2/NDF :410.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.227+/-0.003 χ^2/NDF : 892.7/27

reg_asym_bcm_an_us_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.739+/-0.112 χ^2/NDF : 353.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.038+/-0.091 χ^2/NDF : 840.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

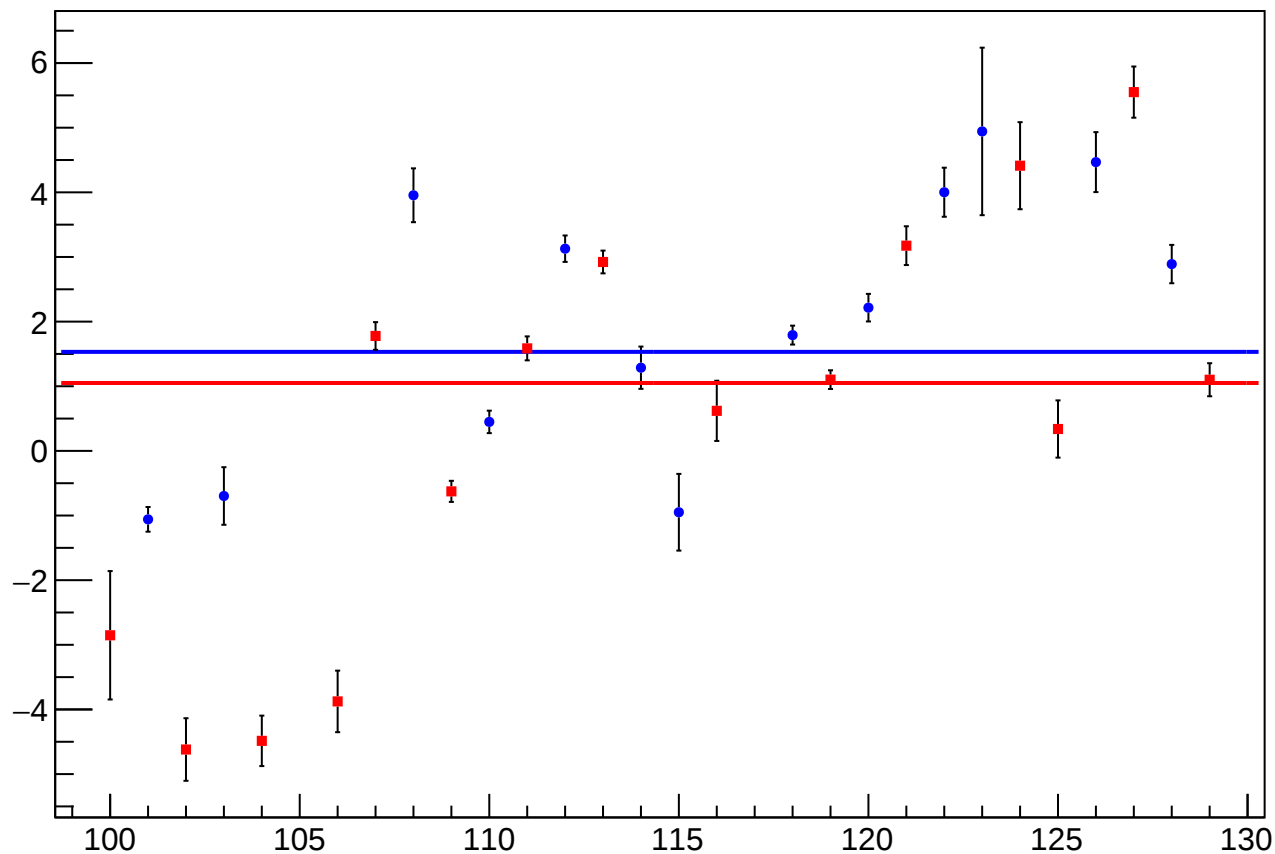
Right: 1.918+/-0.071 χ^2/NDF : 1198.3/27

In: 1.739+/-0.112 χ^2/NDF : 353.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.918+/-0.071 χ^2/NDF : 1198.3/27

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.532 ± 0.071 χ^2/NDF : 484.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.051 ± 0.066 χ^2/NDF : 907.6/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

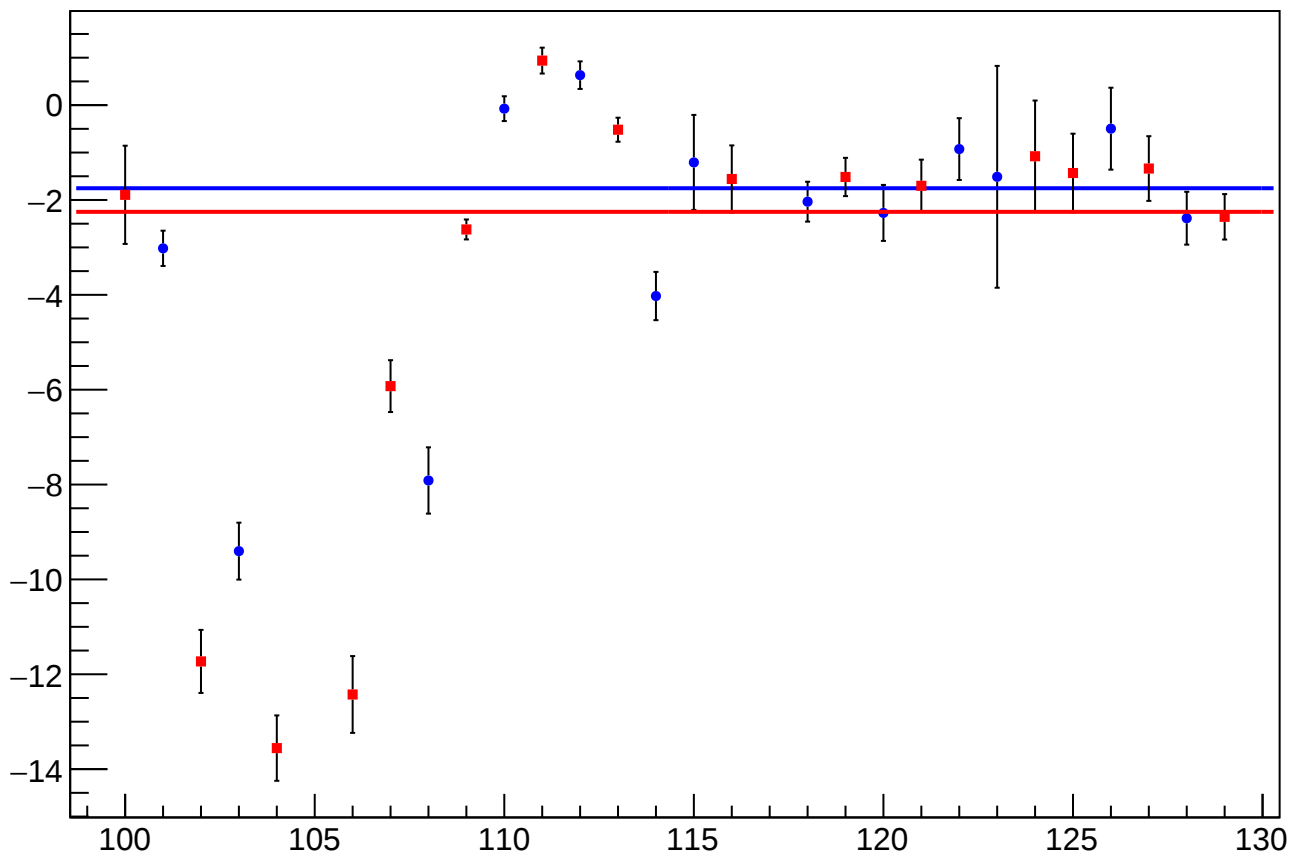
Right: 1.274 ± 0.048 χ^2/NDF : 1417.2/27

In: 1.532 ± 0.071 χ^2/NDF : 484.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.274 ± 0.048 χ^2/NDF : 1417.2/27

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.752 ± 0.130 χ^2/NDF : 386.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.250 ± 0.110 χ^2/NDF : 871.5/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

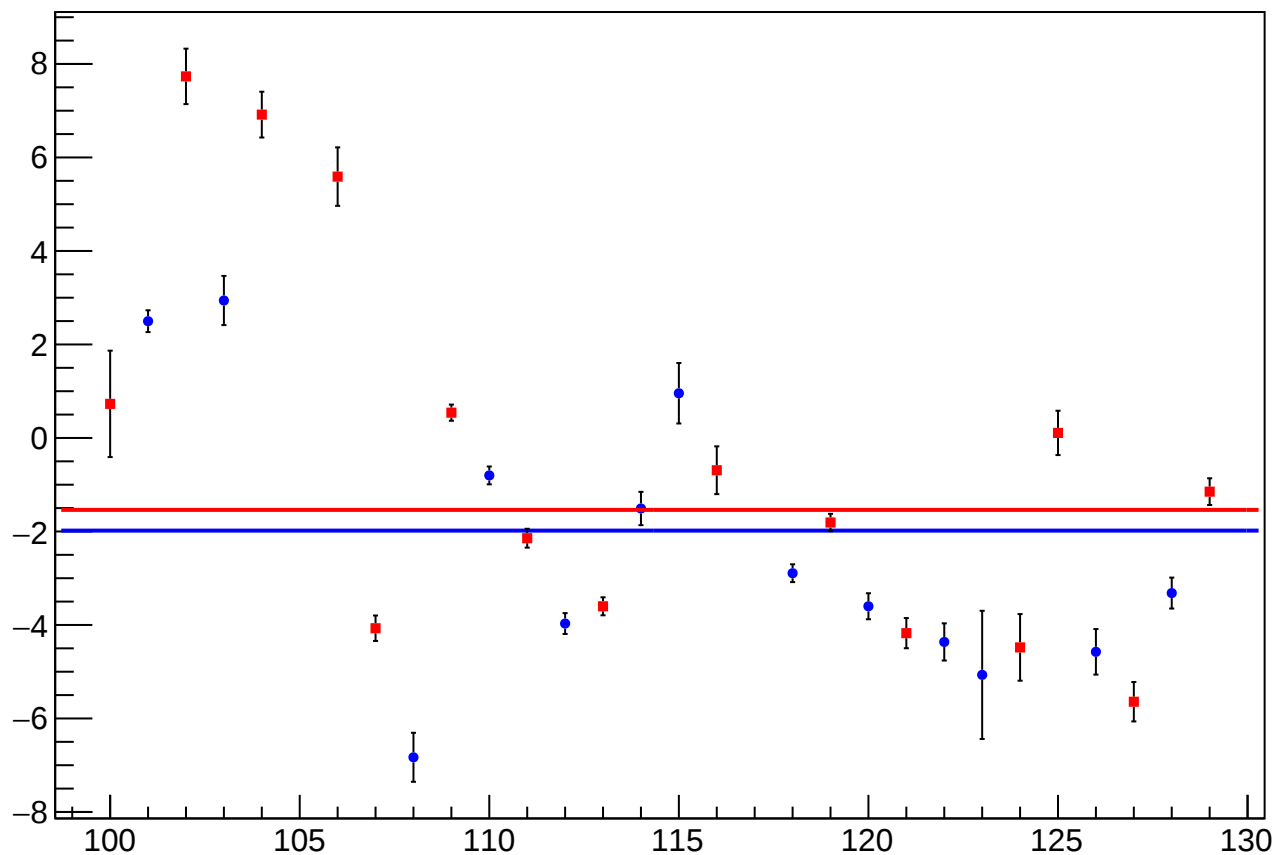
Right: -2.042 ± 0.084 χ^2/NDF : 1266.7/27

In: -1.752 ± 0.130 χ^2/NDF : 386.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.042 ± 0.084 χ^2/NDF : 1266.7/27

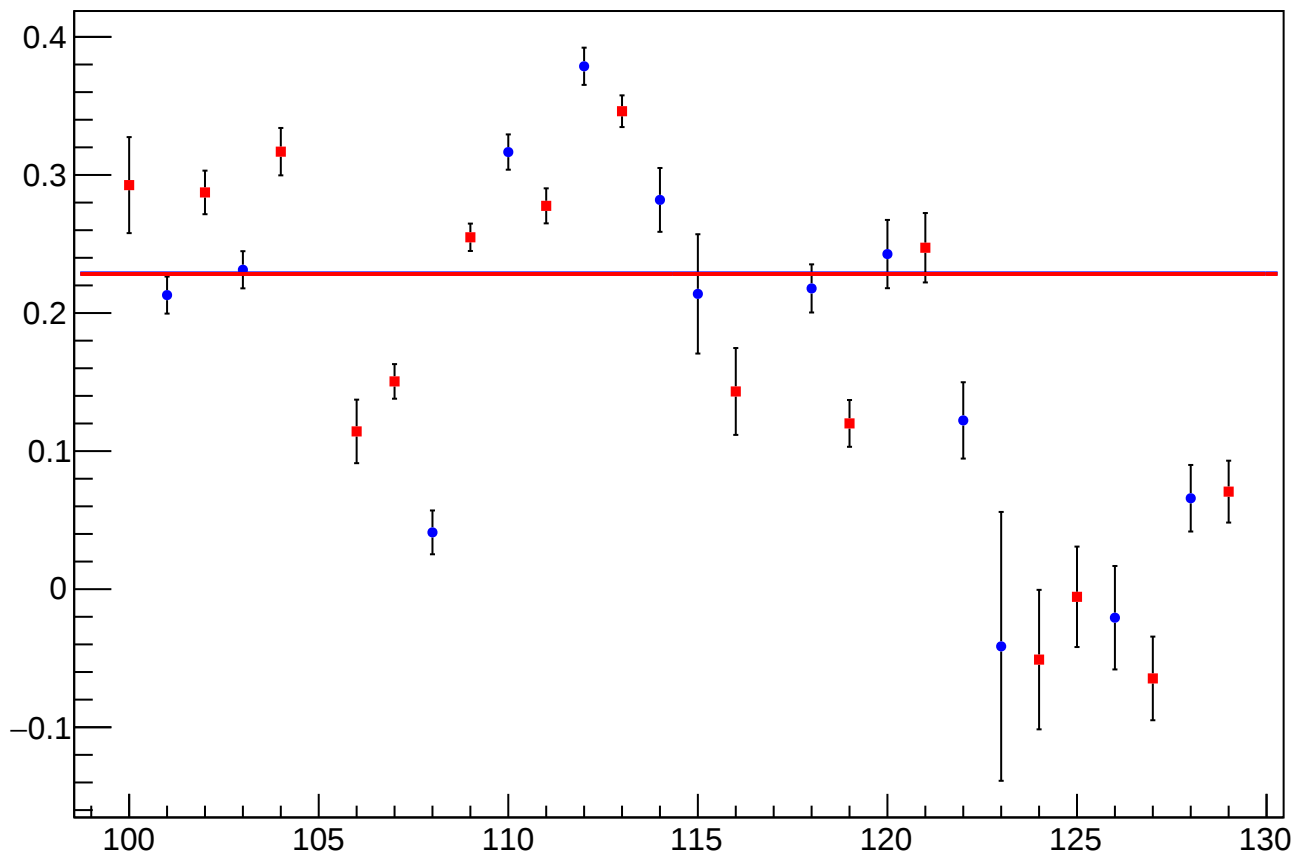
reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.982 ± 0.083 χ^2/NDF : 824.2/12
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -1.538 ± 0.076 χ^2/NDF : 1228.2/14
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -1.738 ± 0.056 χ^2/NDF : 2067.9/27
 In: -1.982 ± 0.083 χ^2/NDF : 824.2/12
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -1.738 ± 0.056 χ^2/NDF : 2067.9/27

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.229 $\pm$ 0.005 χ^2 /NDF: 430.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.228 $\pm$ 0.004 χ^2 /NDF: 498.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

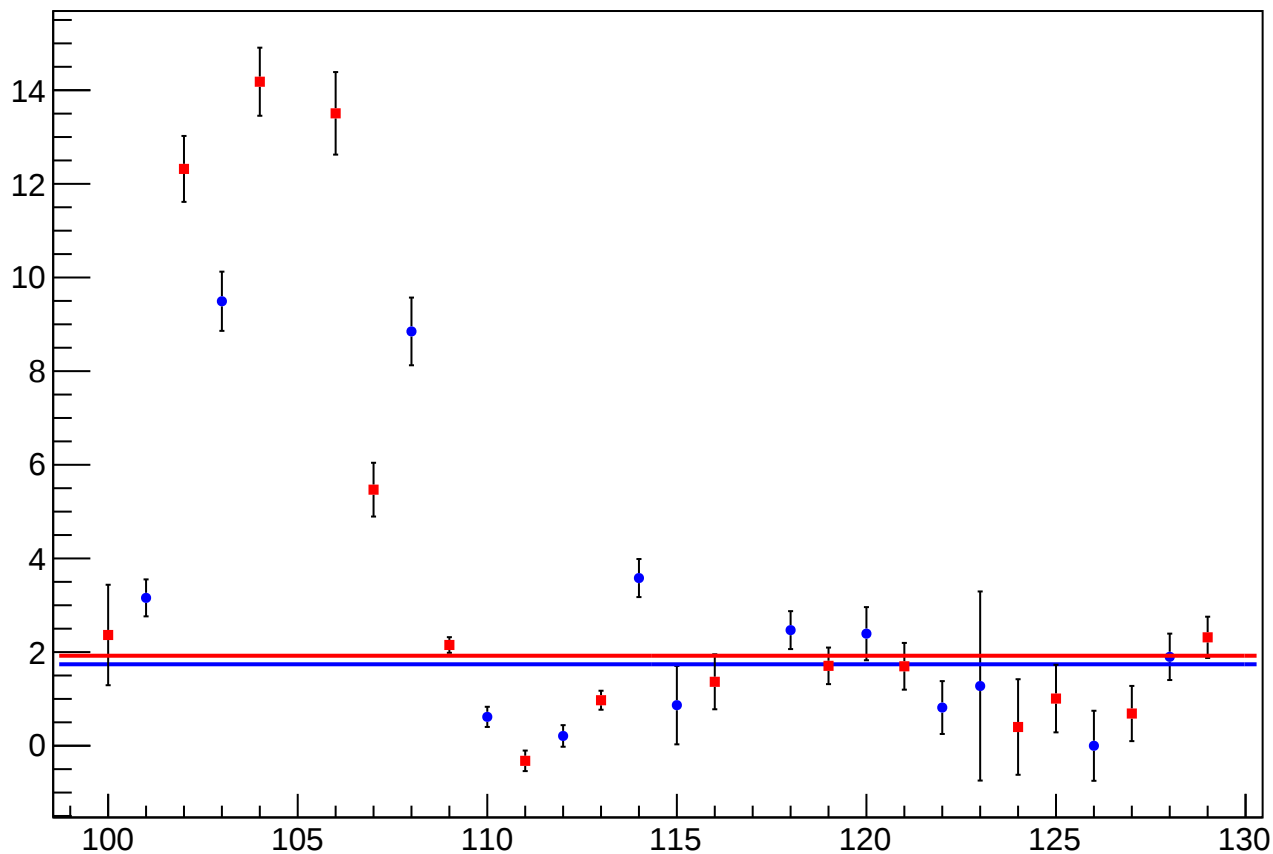
Right: 0.228 $\pm$ 0.003 χ^2 /NDF: 929.5/27

In: 0.229 $\pm$ 0.005 χ^2 /NDF:430.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.228 $\pm$ 0.003 χ^2 /NDF: 929.5/27

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.740+/-0.114 χ^2/NDF : 365.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.922+/-0.093 χ^2/NDF : 852.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

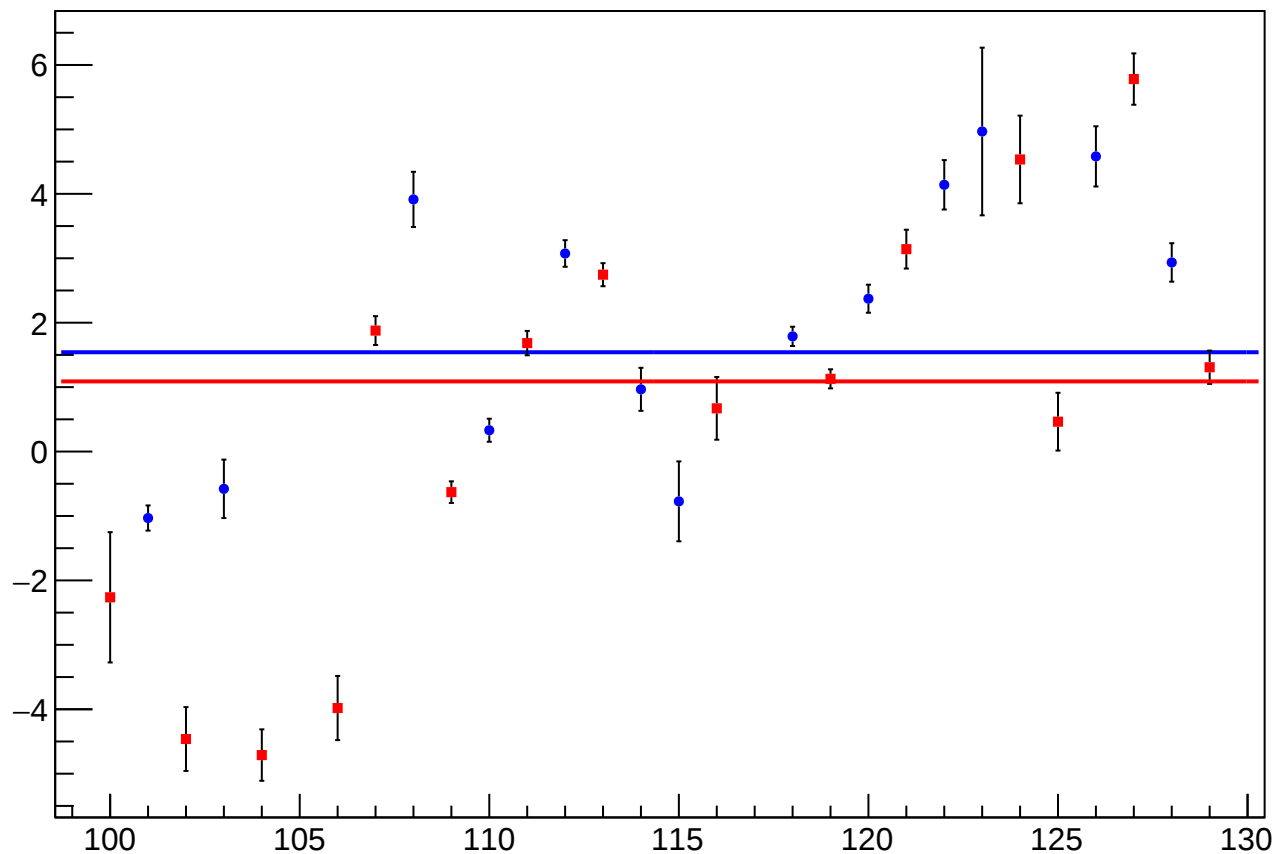
Right: 1.849+/-0.072 χ^2/NDF : 1219.6/27

In: 1.740+/-0.114 χ^2/NDF : 365.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.849+/-0.072 χ^2/NDF : 1219.6/27

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.541+/-0.072 χ^2/NDF : 478.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.089+/-0.068 χ^2/NDF : 878.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

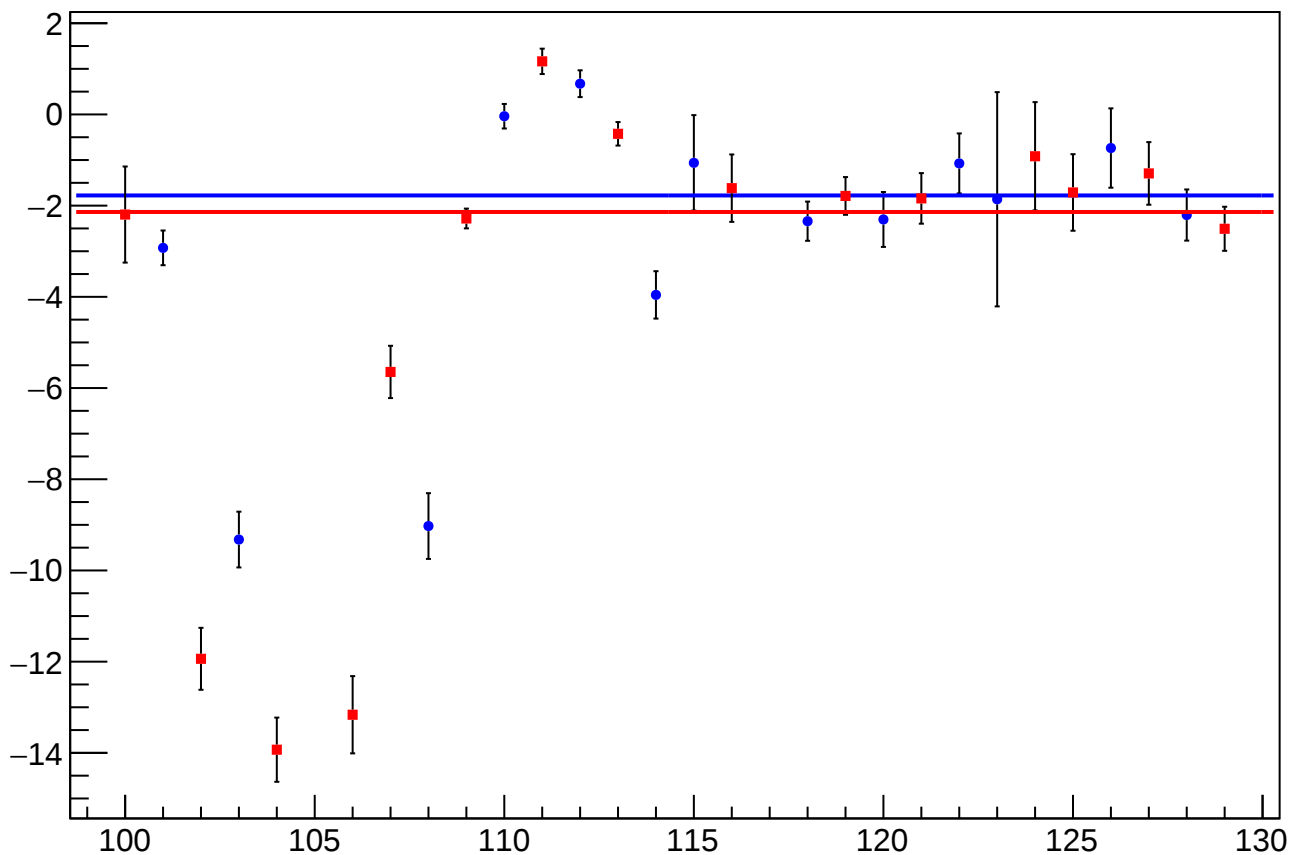
Right: 1.300+/-0.049 χ^2/NDF : 1377.1/27

In: 1.541+/-0.072 χ^2/NDF : 478.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.300+/-0.049 χ^2/NDF : 1377.1/27

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.777 ± 0.133 χ^2/NDF : 397.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.139 ± 0.113 χ^2/NDF : 885.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

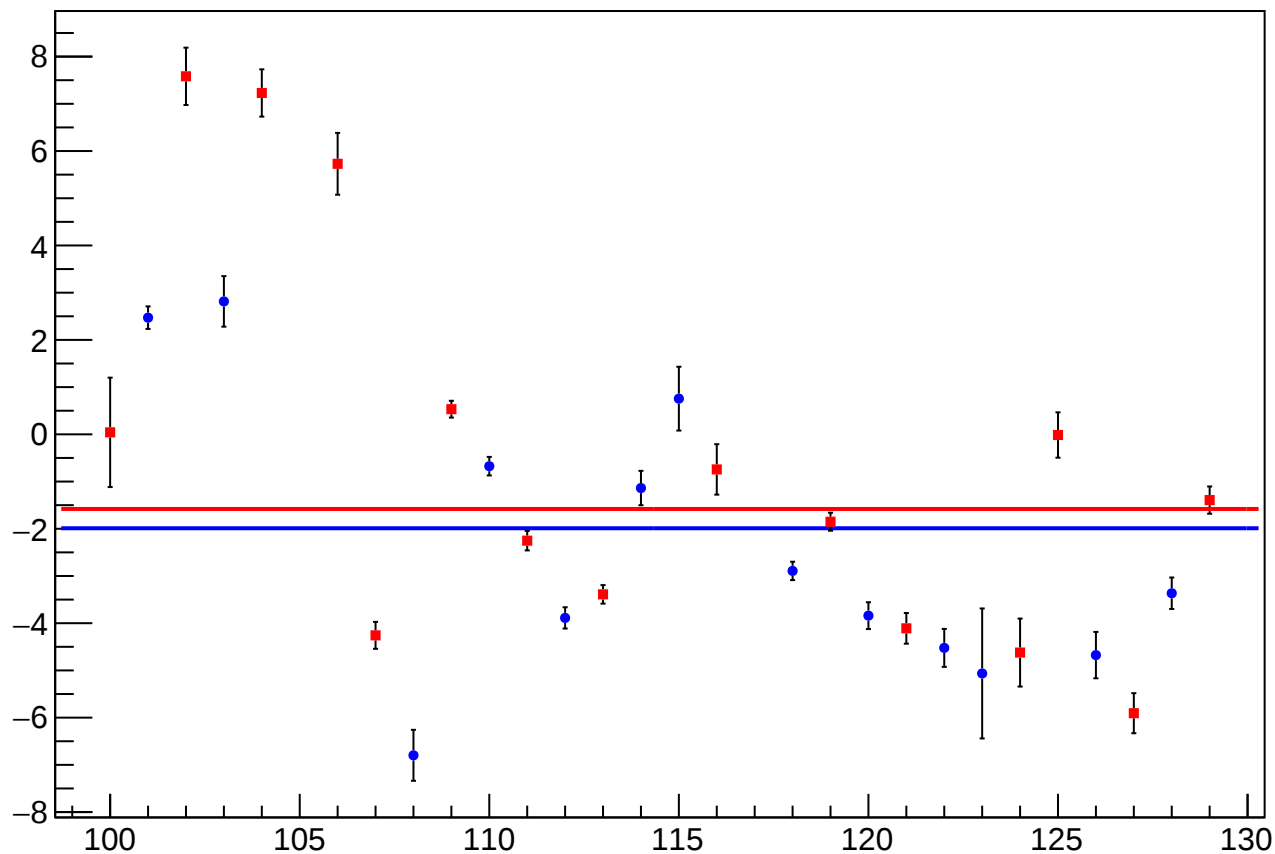
Right: -1.987 ± 0.086 χ^2/NDF : 1287.8/27

In: -1.777 ± 0.133 χ^2/NDF : 397.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.987 ± 0.086 χ^2/NDF : 1287.8/27

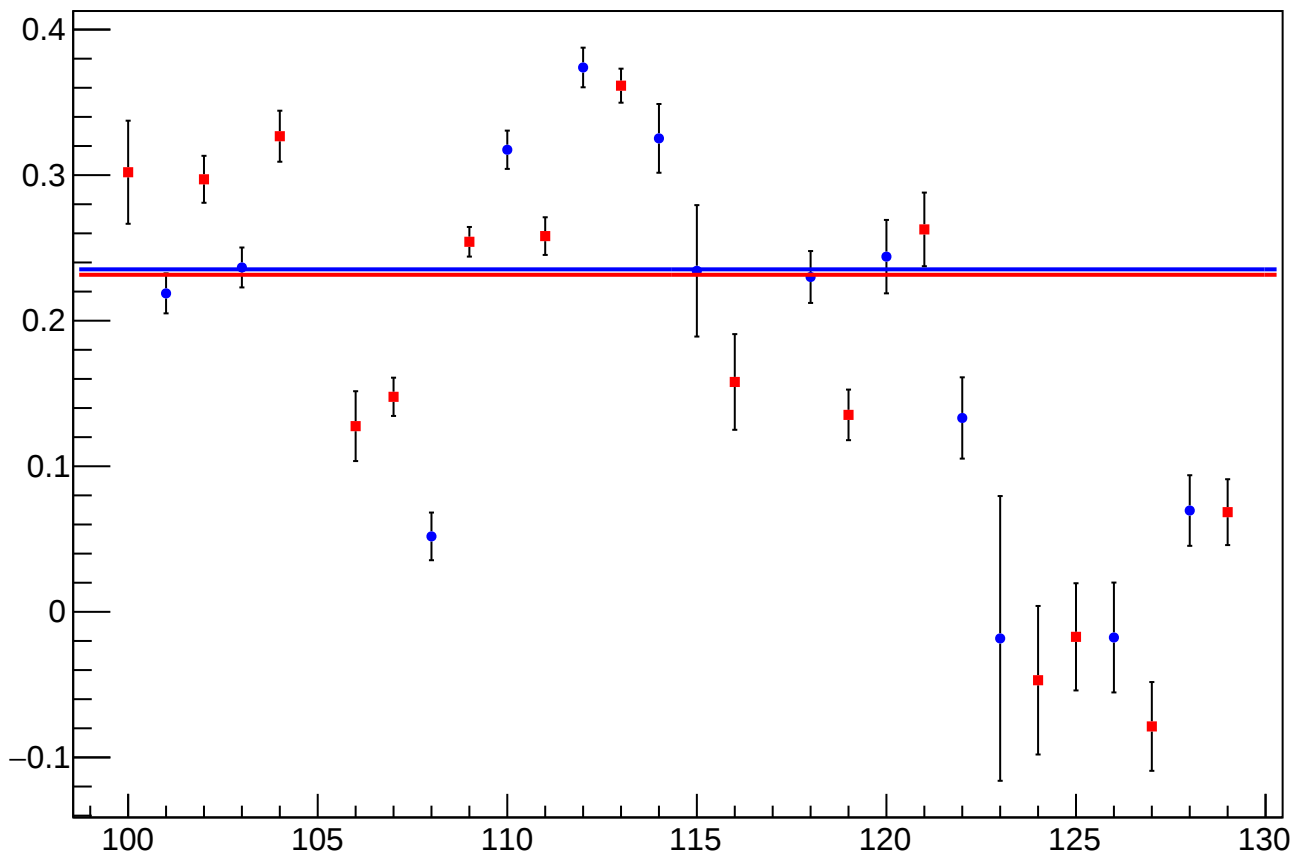
reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.989+/-0.085 χ^2 /NDF: 802.3/12
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: -1.581+/-0.077 χ^2 /NDF: 1186.9/14
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: -1.765+/-0.057 χ^2 /NDF: 2001.9/27
 In: -1.989+/-0.085 χ^2 /NDF:802.3/12
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -1.765+/-0.057 χ^2 /NDF: 2001.9/27

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.235 $\pm$ 0.005 χ^2 /NDF: 396.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.232 $\pm$ 0.005 χ^2 /NDF: 510.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

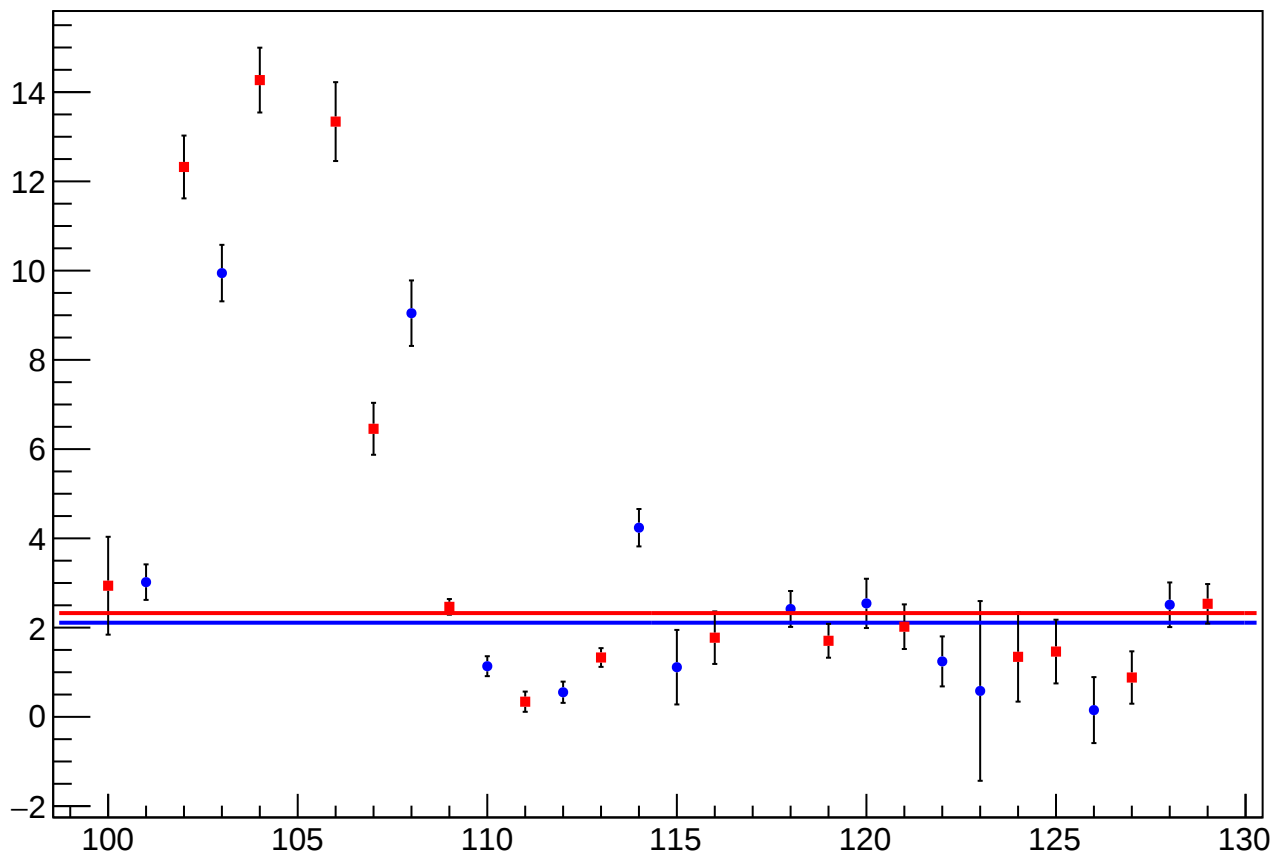
Right: 0.233 $\pm$ 0.003 χ^2 /NDF: 906.8/27

In: 0.235 $\pm$ 0.005 χ^2 /NDF:396.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.233 $\pm$ 0.003 χ^2 /NDF: 906.8/27

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 2.110+/-0.116 χ^2/NDF : 348.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.325+/-0.096 χ^2/NDF : 790.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

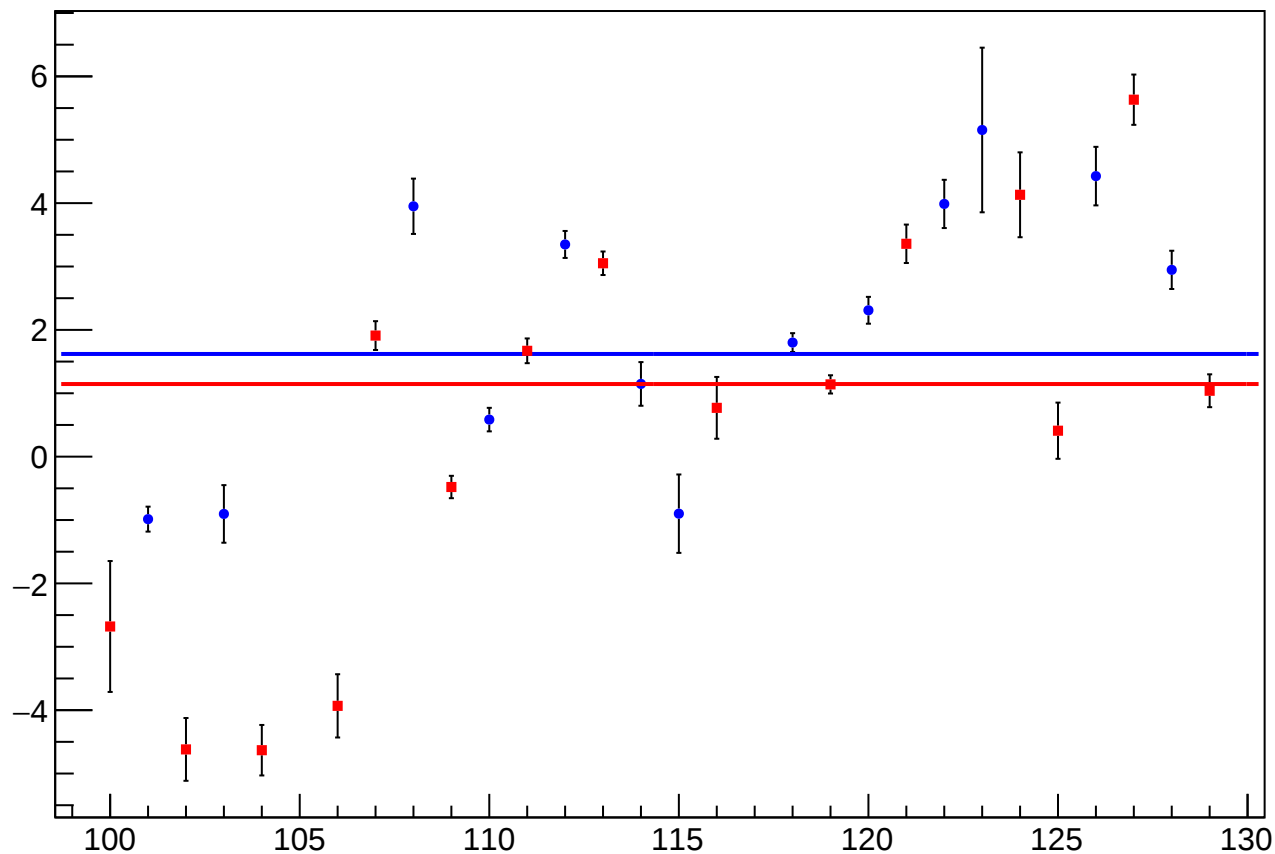
Right: 2.238+/-0.074 χ^2/NDF : 1141.5/27

In: 2.110+/-0.116 χ^2/NDF : 348.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.238+/-0.074 χ^2/NDF : 1141.5/27

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.620 ± 0.073 $\chi^2/\text{NDF}: 464.5/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1.146 ± 0.068 $\chi^2/\text{NDF}: 876.3/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

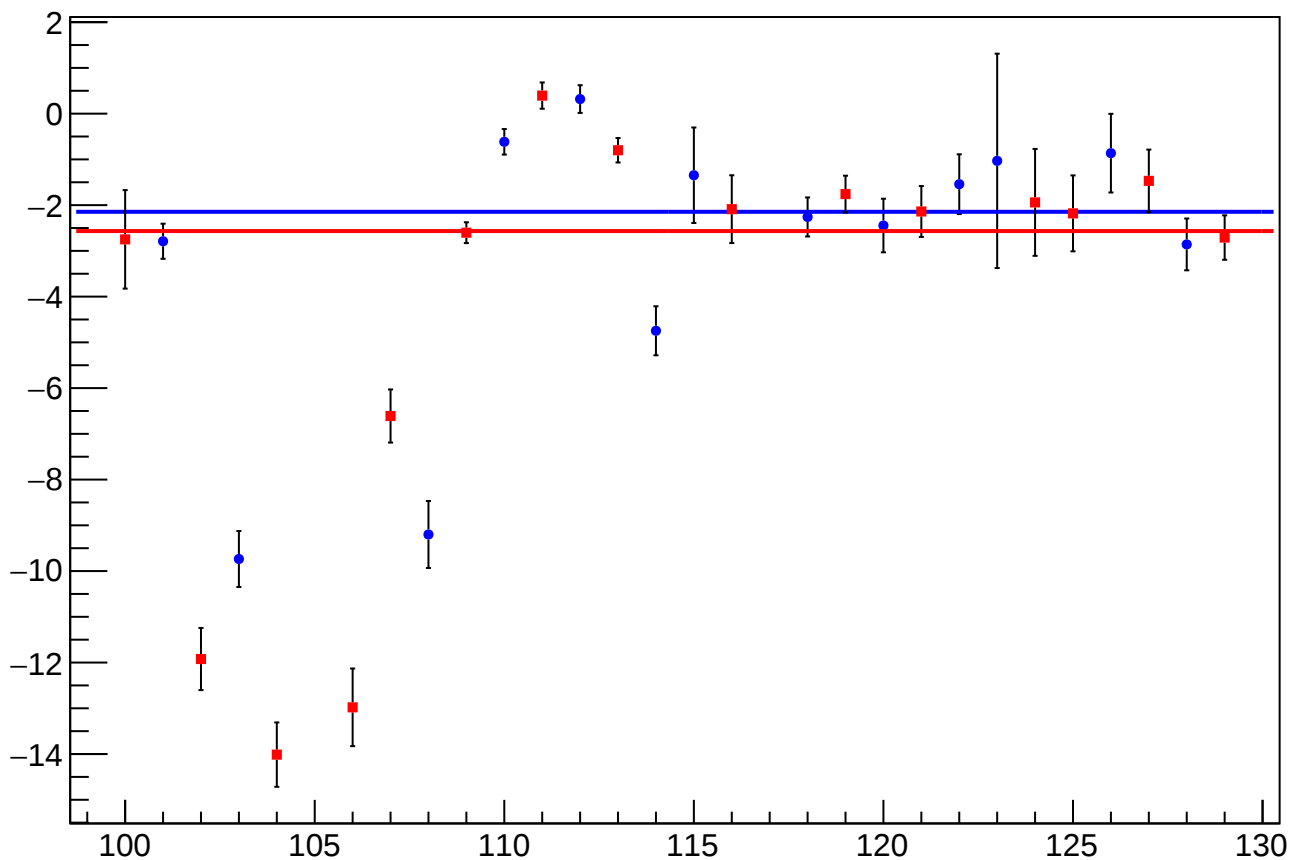
Right: 1.368 ± 0.050 $\chi^2/\text{NDF}: 1363.4/27$

In: 1.620 ± 0.073 $\chi^2/\text{NDF}: 464.5/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1.368 ± 0.050 $\chi^2/\text{NDF}: 1363.4/27$

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.146 ± 0.135 χ^2/NDF : 375.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.567 ± 0.116 χ^2/NDF : 811.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

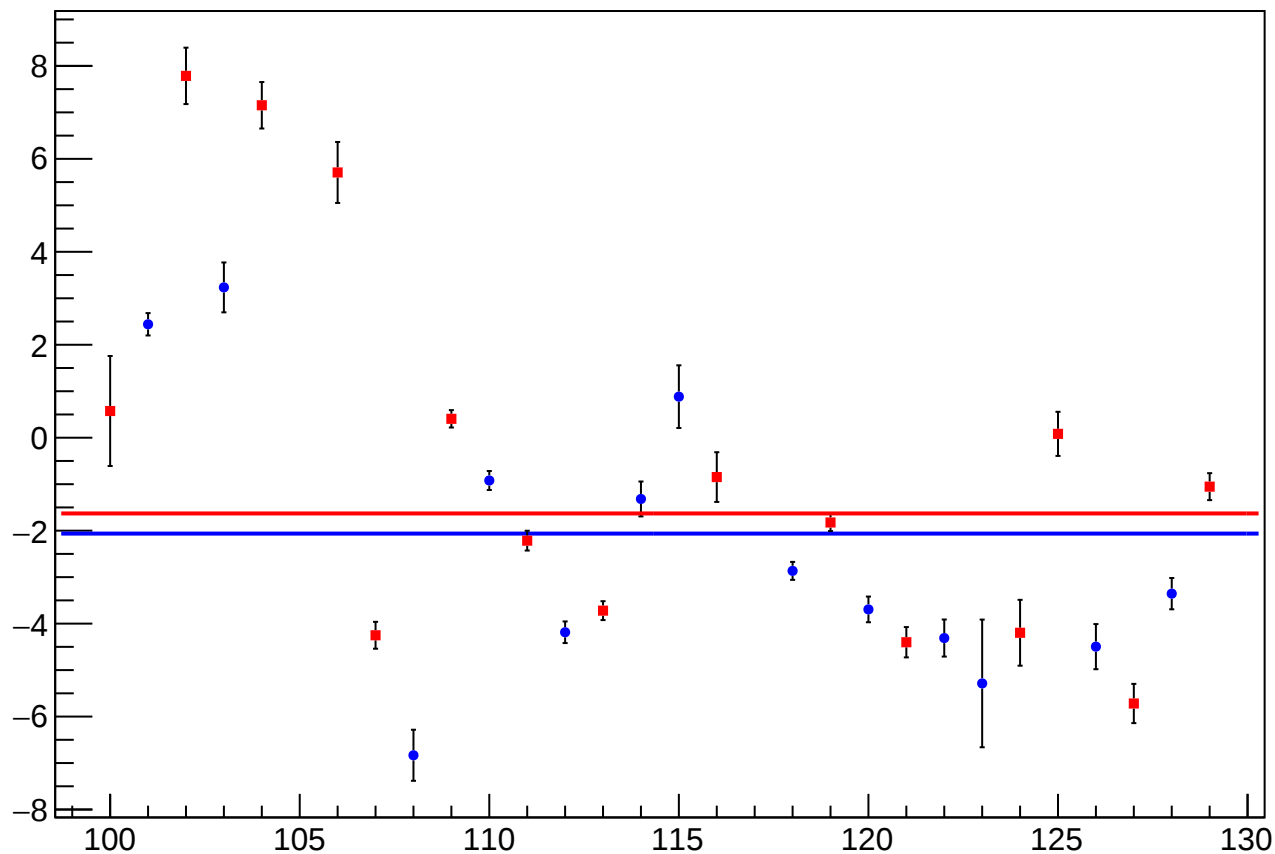
Right: -2.389 ± 0.088 χ^2/NDF : 1192.6/27

In: -2.146 ± 0.135 χ^2/NDF : 375.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.389 ± 0.088 χ^2/NDF : 1192.6/27

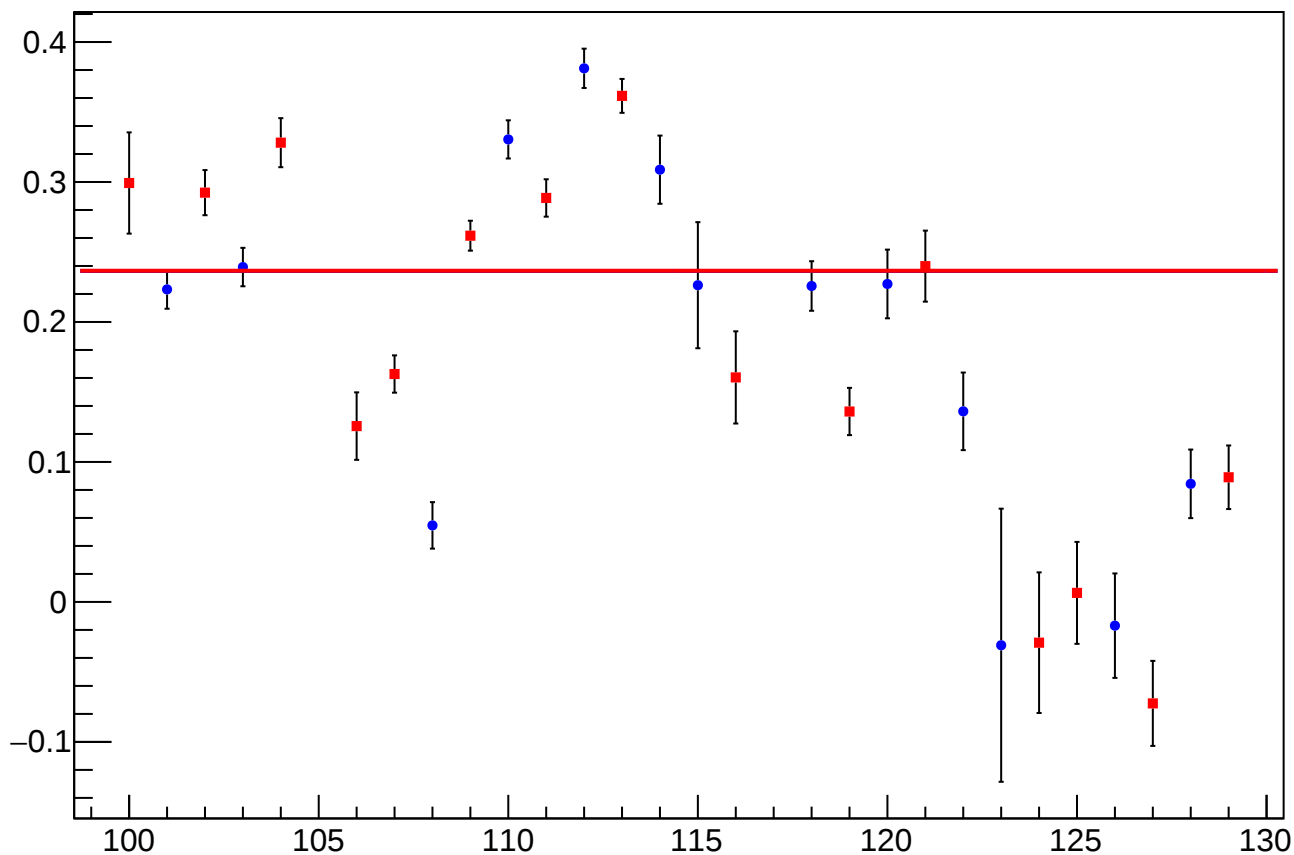
reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.063+/-0.086 χ^2/NDF : 790.3/12
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -1.630+/-0.078 χ^2/NDF : 1191.4/14
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -1.827+/-0.058 χ^2/NDF : 1995.6/27
 In: -2.063+/-0.086 χ^2/NDF :790.3/12
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -1.827+/-0.058 χ^2/NDF : 1995.6/27

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.236 $\pm$ 0.005 χ^2 /NDF: 389.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.237 $\pm$ 0.005 χ^2 /NDF: 475.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

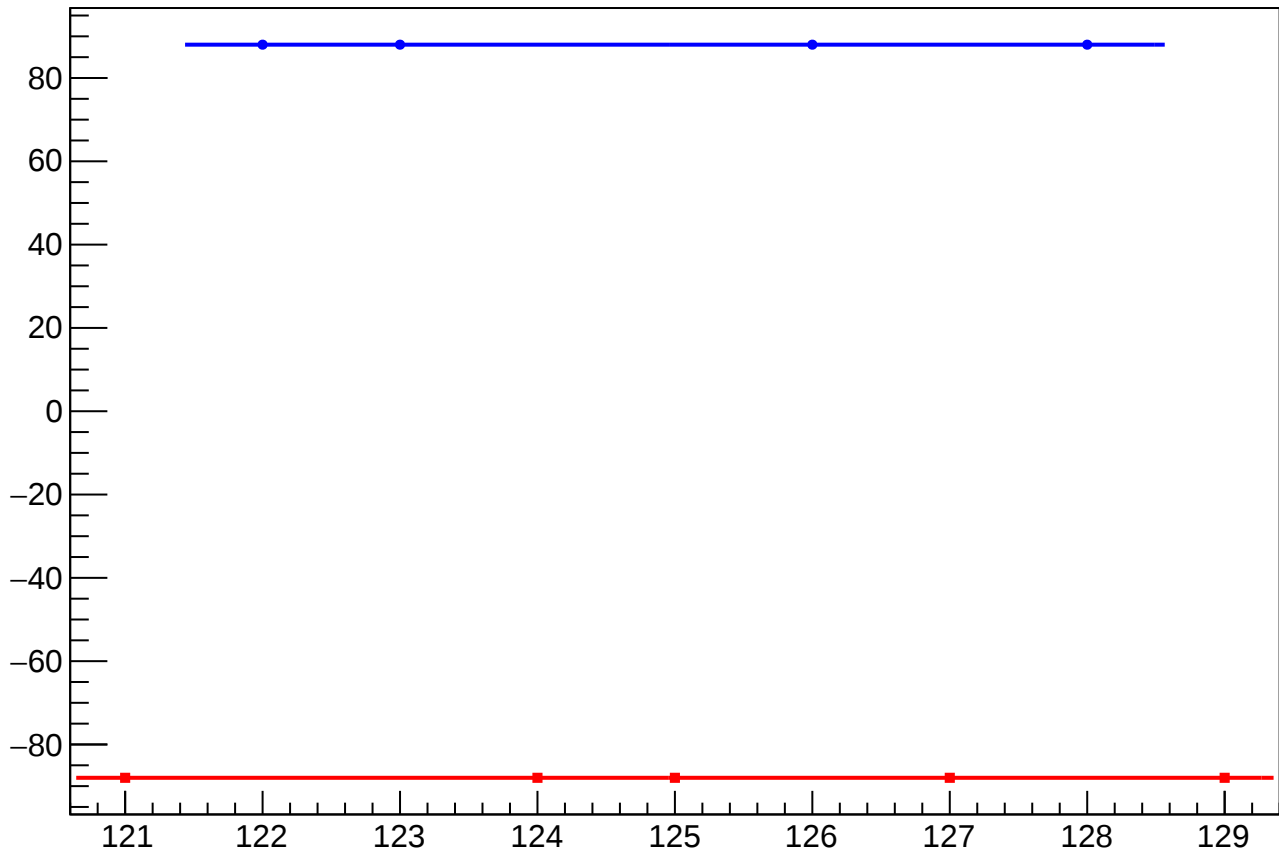
Right: 0.237 $\pm$ 0.003 χ^2 /NDF: 865.1/27

In: 0.236 $\pm$ 0.005 χ^2 /NDF:389.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.237 $\pm$ 0.003 χ^2 /NDF: 865.1/27

VWienAngle_mean vs Slug, Sign Corrected



Right In: 88.001+/-0.000 χ^2/NDF : 299085.6/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -88.001+/-0.000 χ^2/NDF : 94511.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

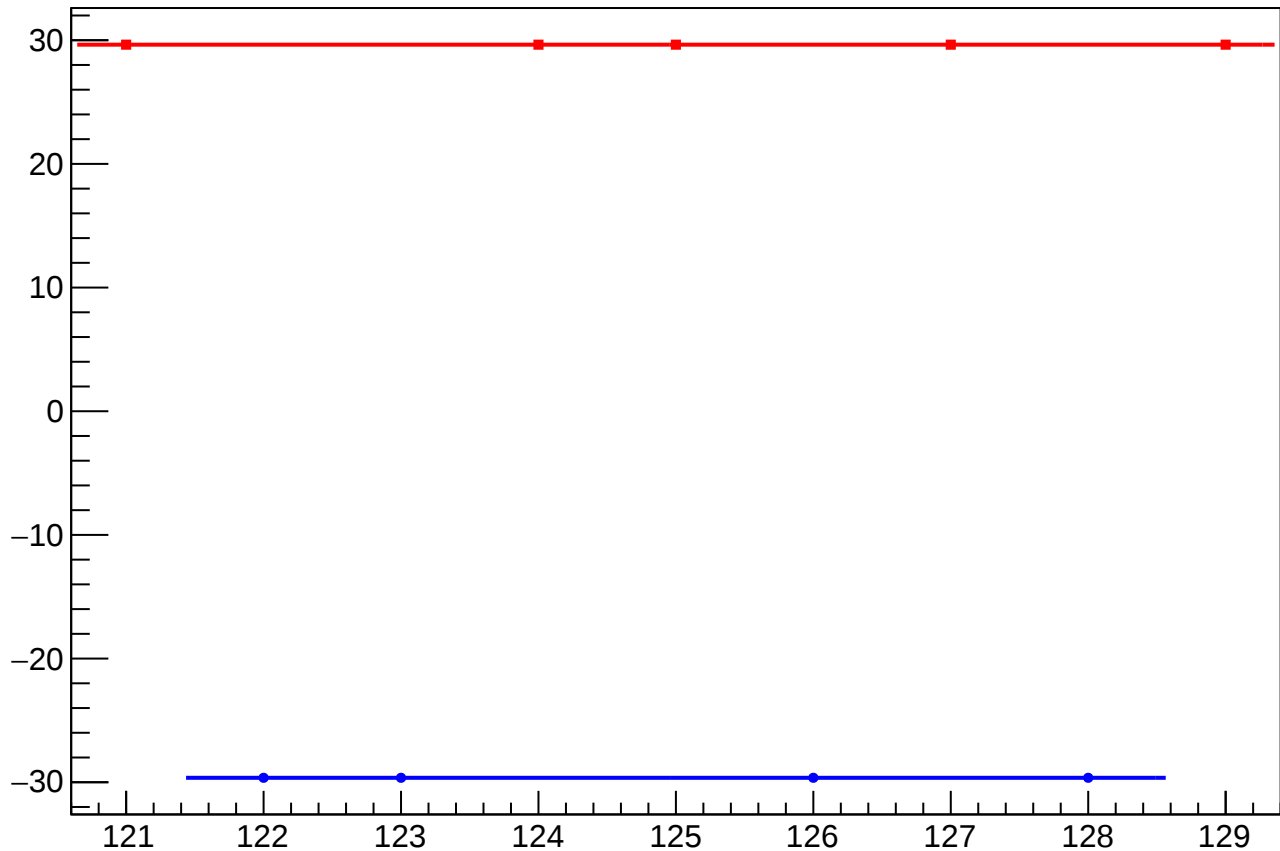
Right: -9.714+/-0.000 χ^2/NDF : 2356124507828987

In: 88.001+/-0.000 χ^2/NDF : 299085.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.714+/-0.000 χ^2/NDF : 2356124507828

HWienAngle_mean vs Slug, Sign Corrected



Right In: -29.641 ± 0.000 $\chi^2/\text{NDF}: 44946.1/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 29.641 ± 0.000 $\chi^2/\text{NDF}: 19727.8/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

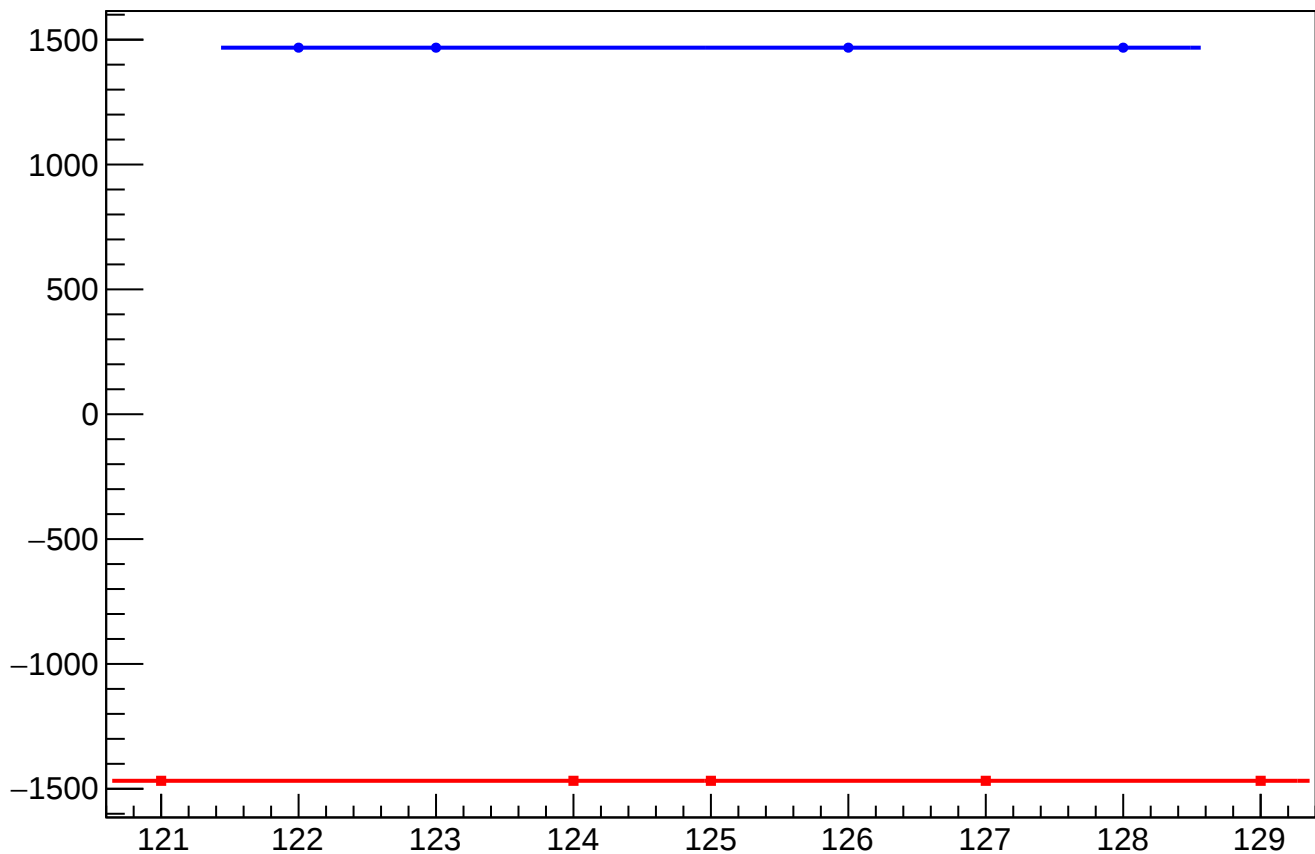
Right: 3.272 ± 0.000 $\chi^2/\text{NDF}: 26730245996656733$

In: -29.641 ± 0.000 $\chi^2/\text{NDF}: 44946.1/3$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 3.272 ± 0.000 $\chi^2/\text{NDF}: 26730245996656733$

psub_pl_pos_mean vs Slug, Sign Corrected



Right In: 1467.979+/-0.000 χ^2/NDF : 90007590.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1467.979+/-0.000 χ^2/NDF : 50509716.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

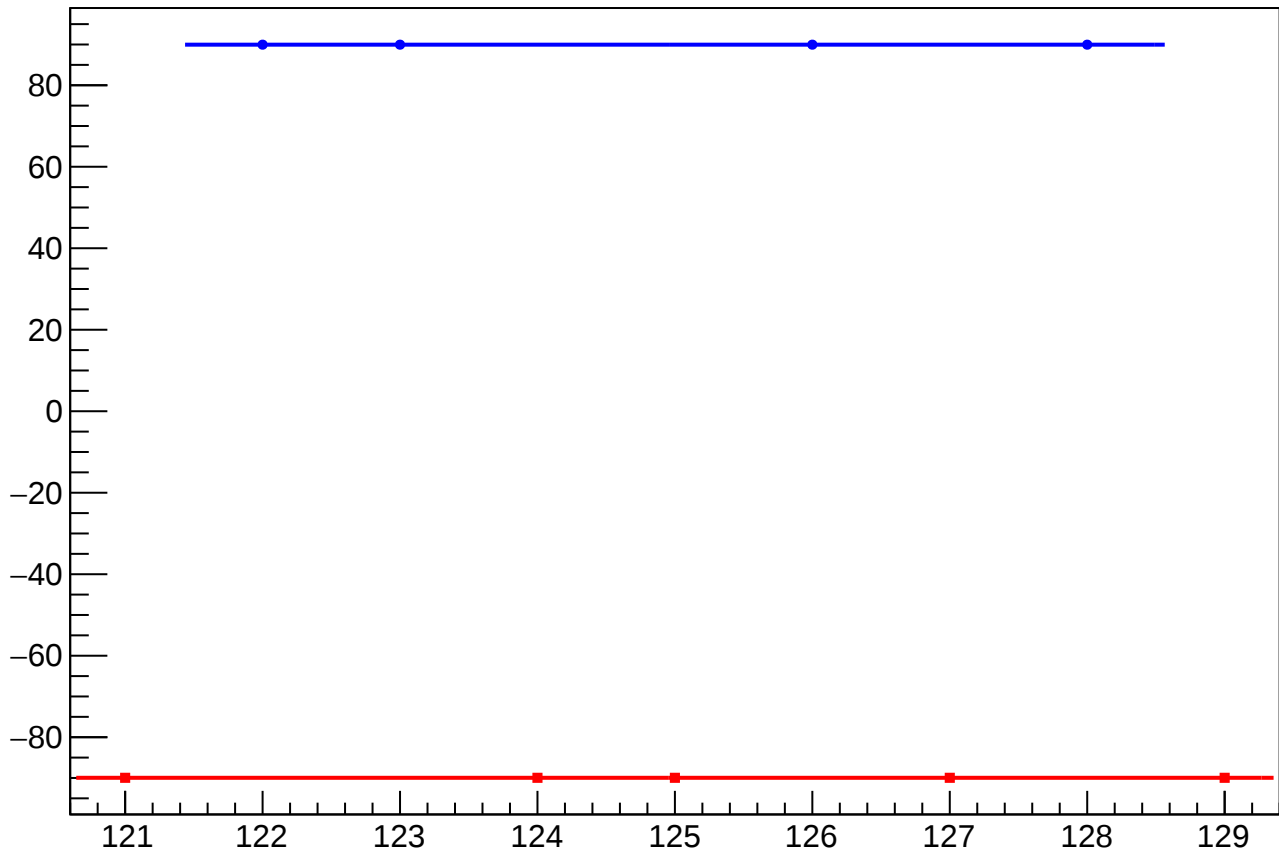
Right: -162.050+/-0.000 χ^2/NDF : 65564056185049

In: 1467.979+/-0.000 χ^2/NDF : 90007590.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -162.050+/-0.000 χ^2/NDF : 65564056185

Phi_FG_mean vs Slug, Sign Corrected



Right In: 89.959+/-0.000 χ^2/NDF : 589083.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -89.959+/-0.000 χ^2/NDF : 165799.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

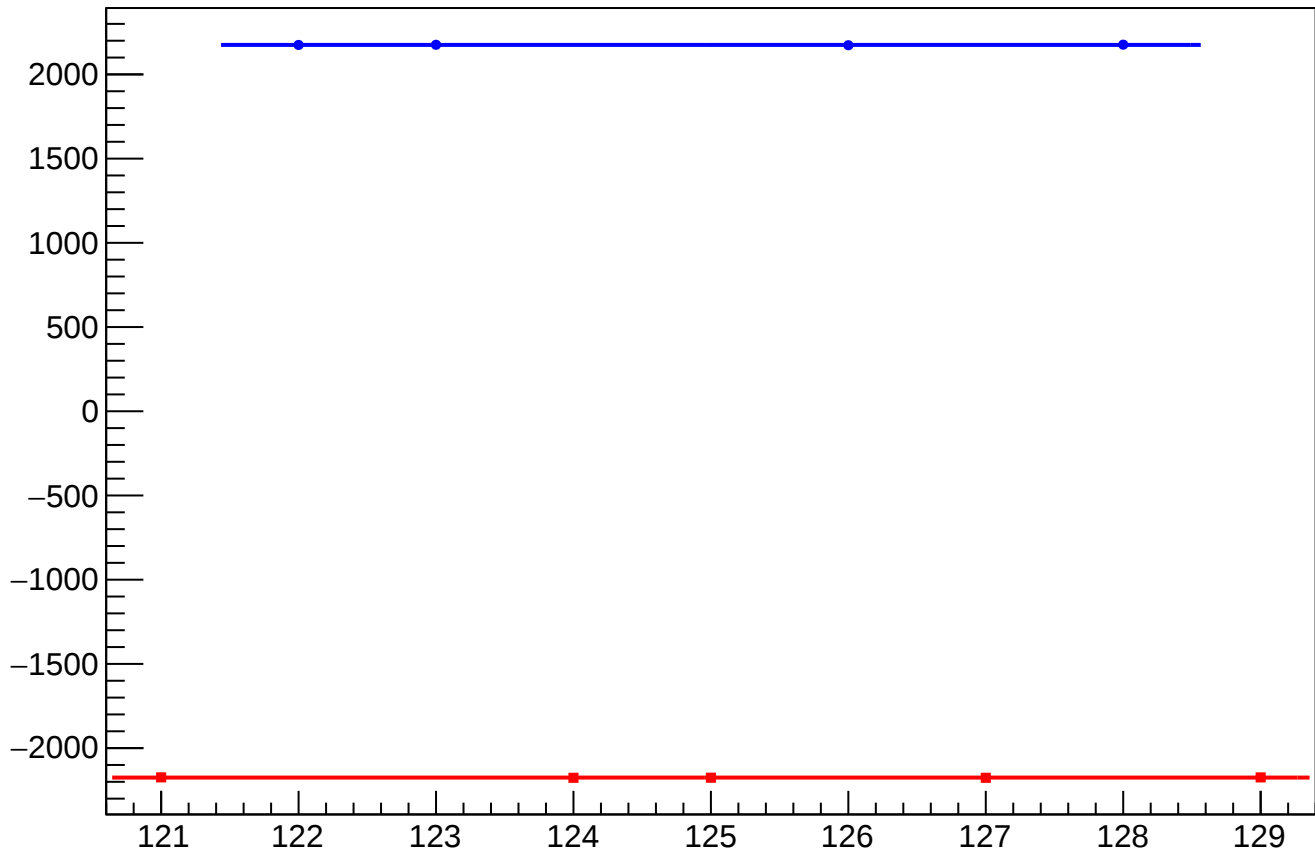
Right: -9.931+/-0.000 χ^2/NDF : 2462170122504713

In: 89.959+/-0.000 χ^2/NDF : 589083.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

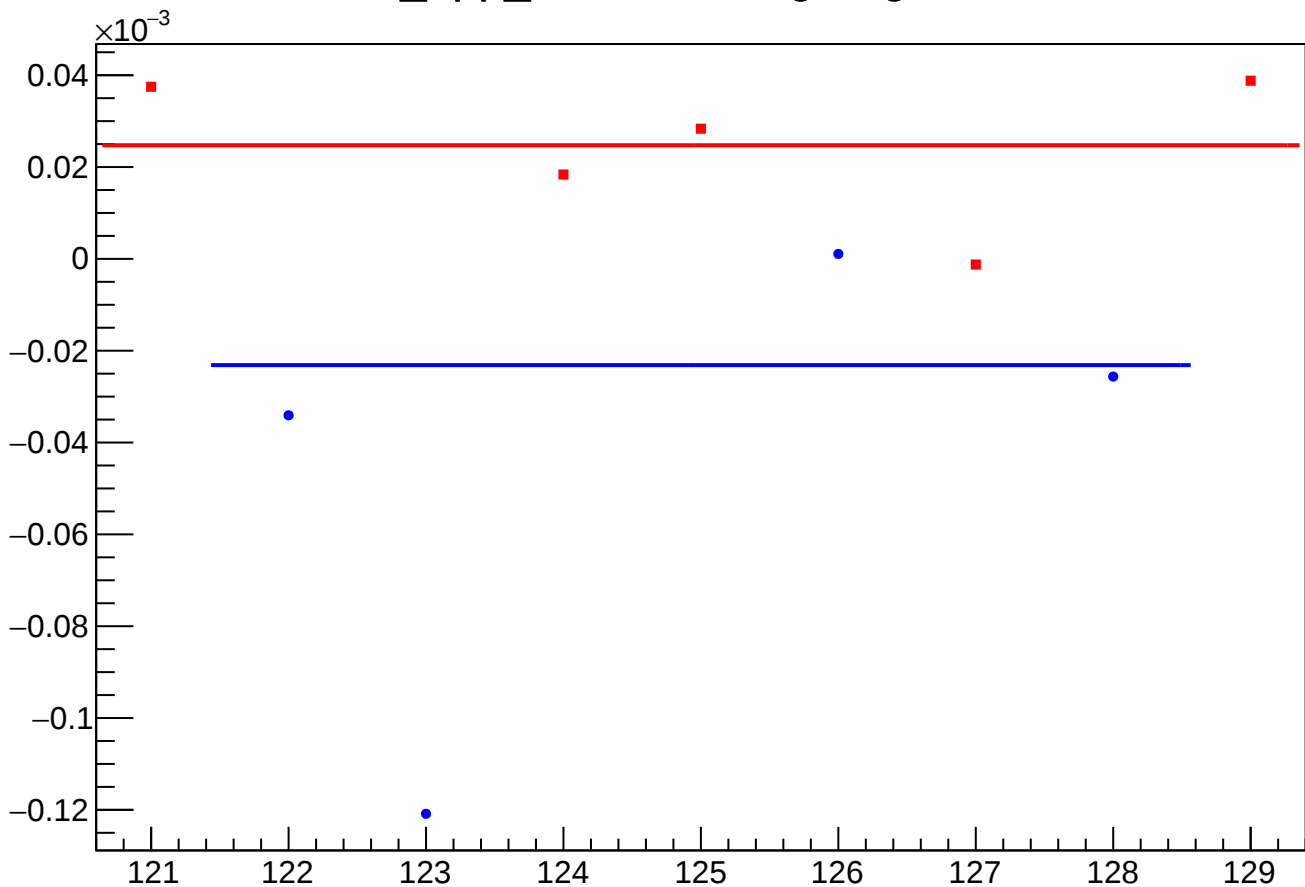
All: -9.931+/-0.000 χ^2/NDF : 2462170122504

HALLA_p_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right In: 2175.068+/-0.000 χ^2/NDF : 248022507907188445237602315927552.0/3
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: -240.008+/-0.000 χ^2/NDF : 14392523549973
In: 2175.068+/-0.000 χ^2/NDF : 248022507907188445237602315927552.0/3
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -240.008+/-0.000 χ^2/NDF : 14392523549

HALLA_dpp_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000

χ^2/NDF : 66877455456585446850560.0/3

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000

χ^2/NDF : 28594053291579554

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 44645611770211146399744.0/4

In: -0.000+/-0.000

χ^2/NDF : 668774554565854468

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

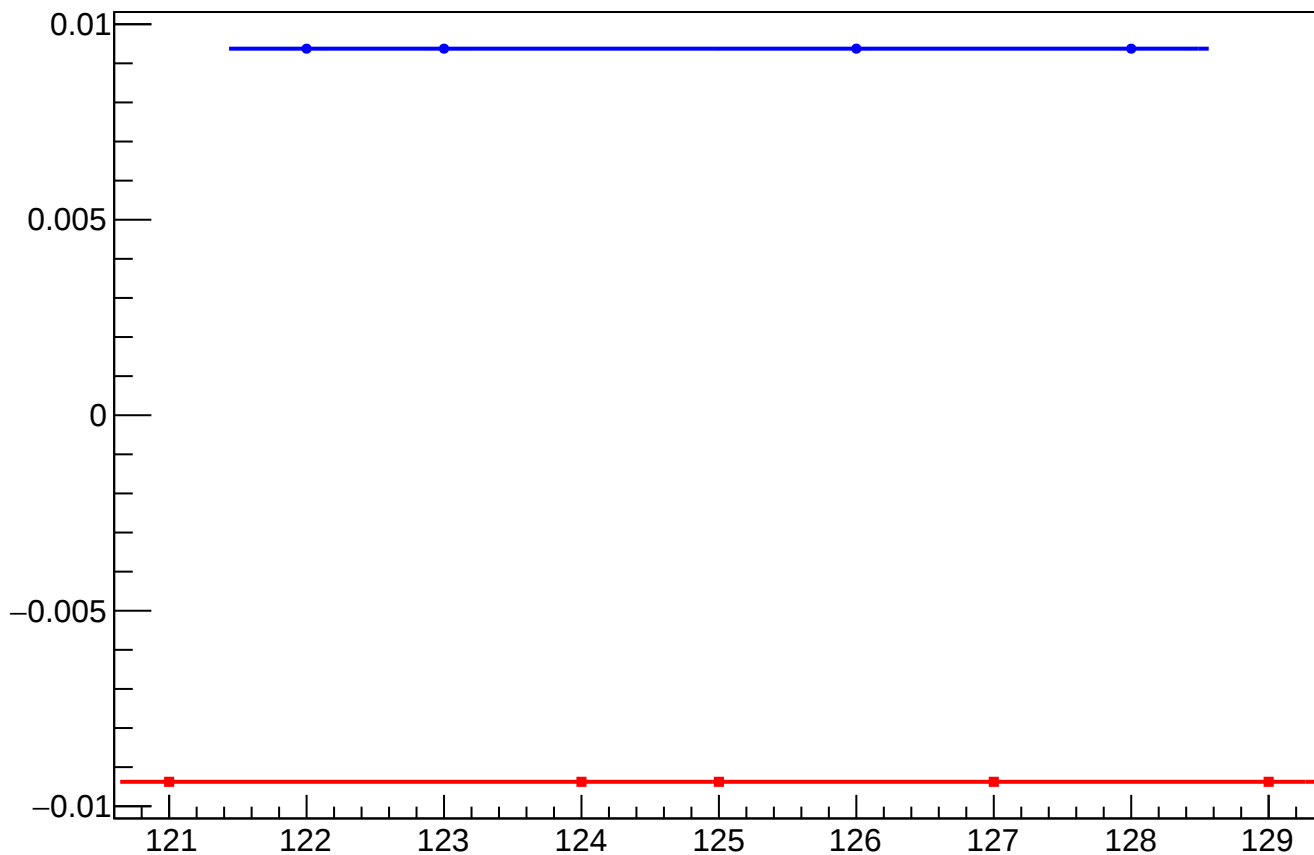
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 28594053291579

MQ171LM_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/4

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

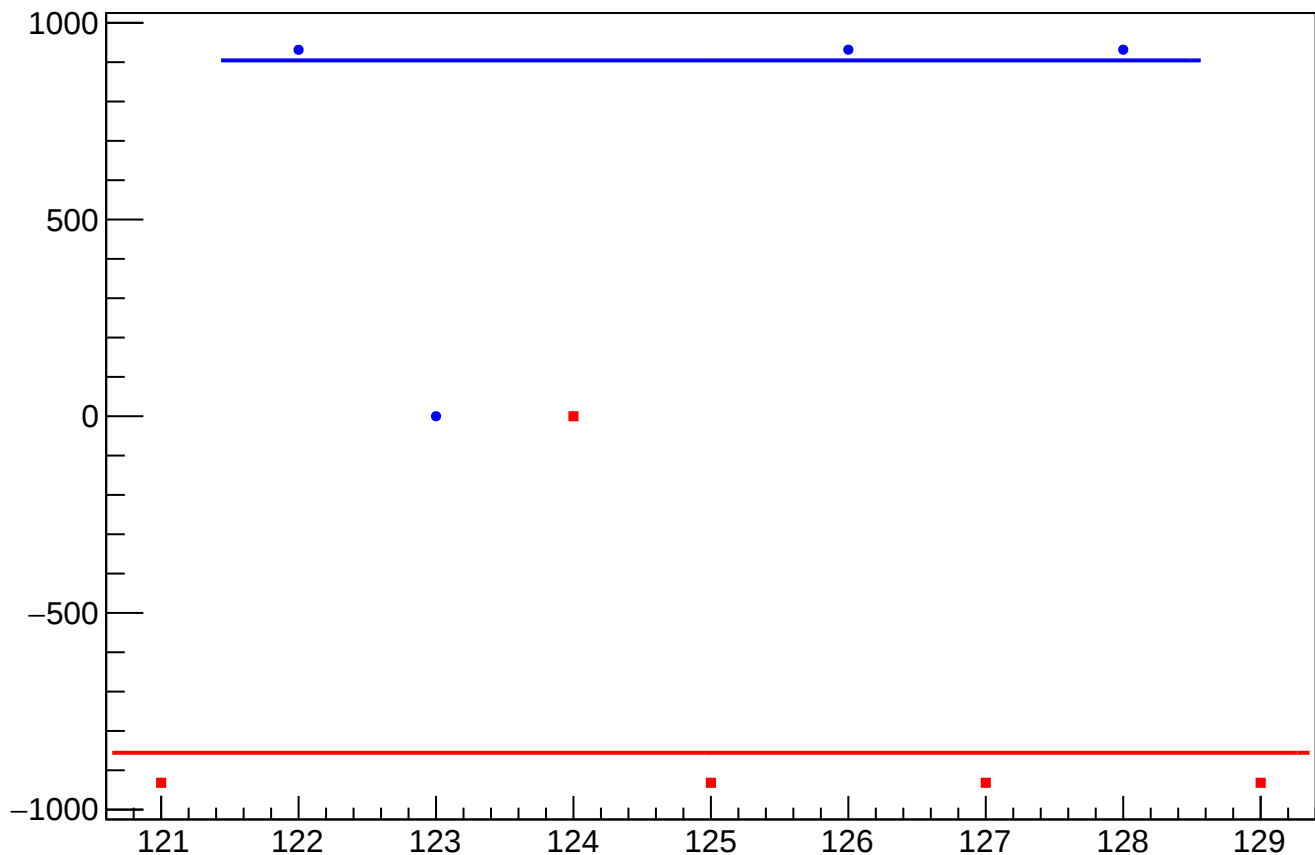
Right: -0.001 $\pm$ 0.000 χ^2 /NDF: 2674043729707790

In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

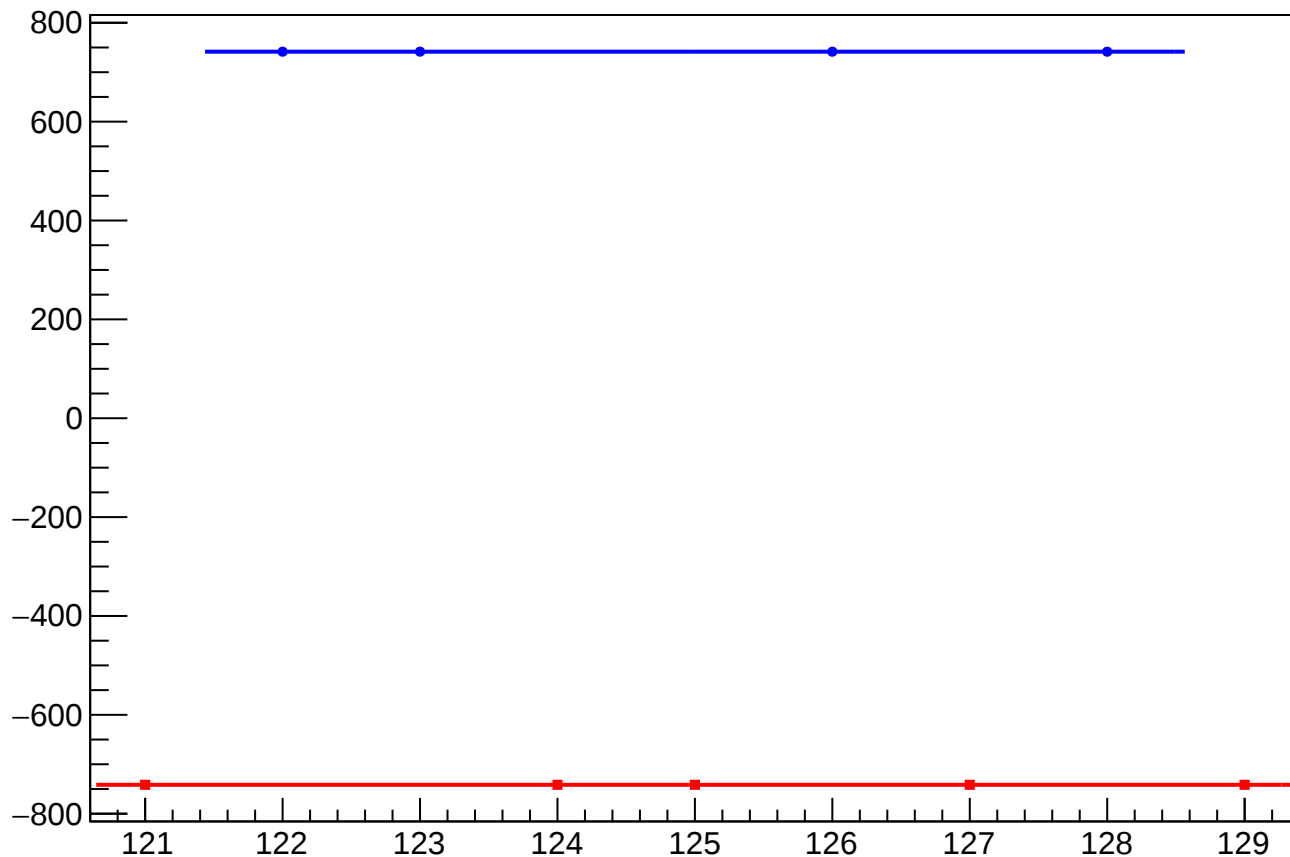
All: -0.001 $\pm$ 0.000 χ^2 /NDF: 2674043729707

HacL_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



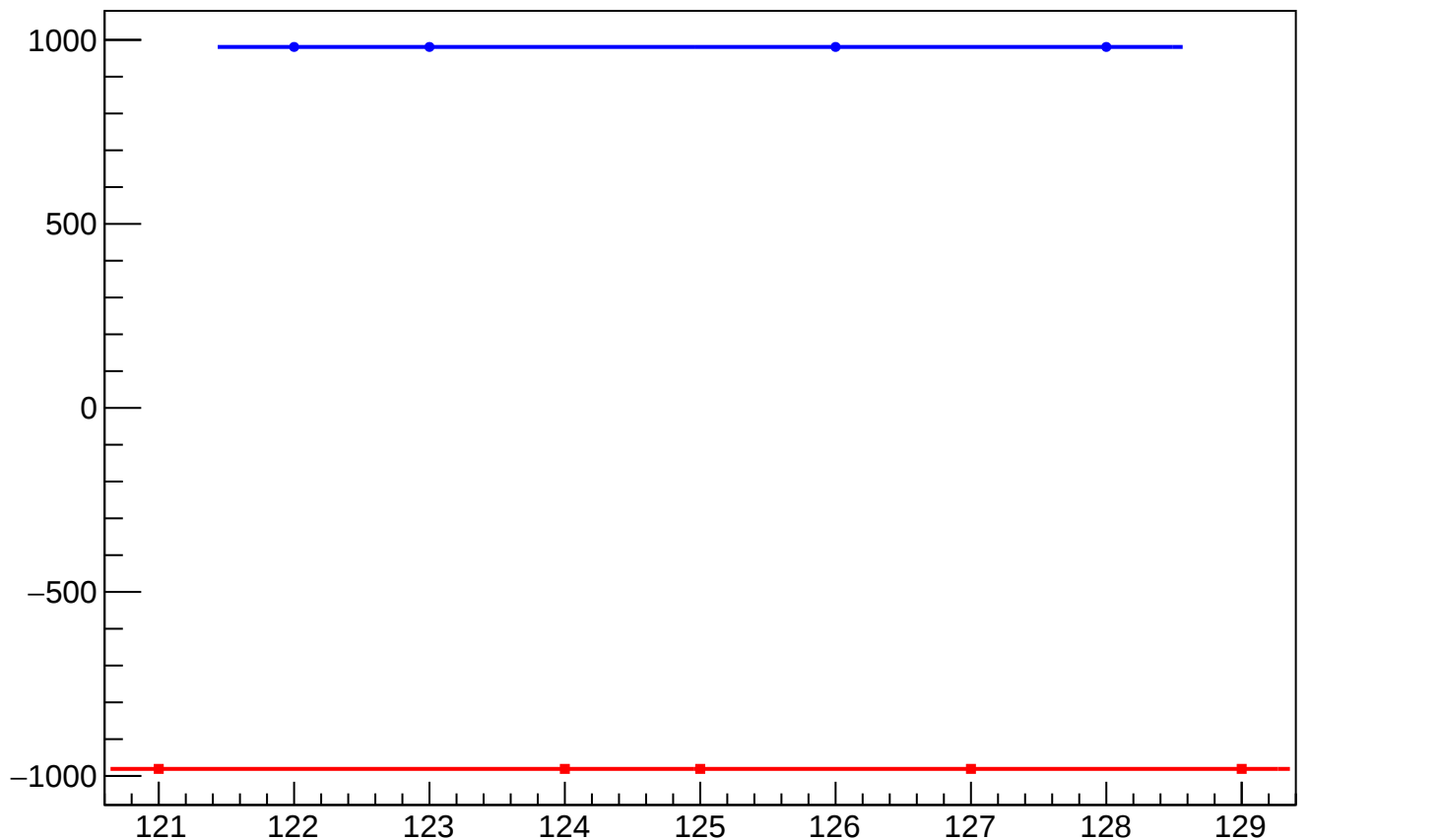
Right In: 904.516+/-0.000 χ^2/NDF : 3370789267886579795872544958174986240.0/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -855.505+/-0.000 χ^2/NDF : 11159320208047339494247061886798397440.0/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -72.639+/-0.000 χ^2/NDF : 250144419503124.0

HacL_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



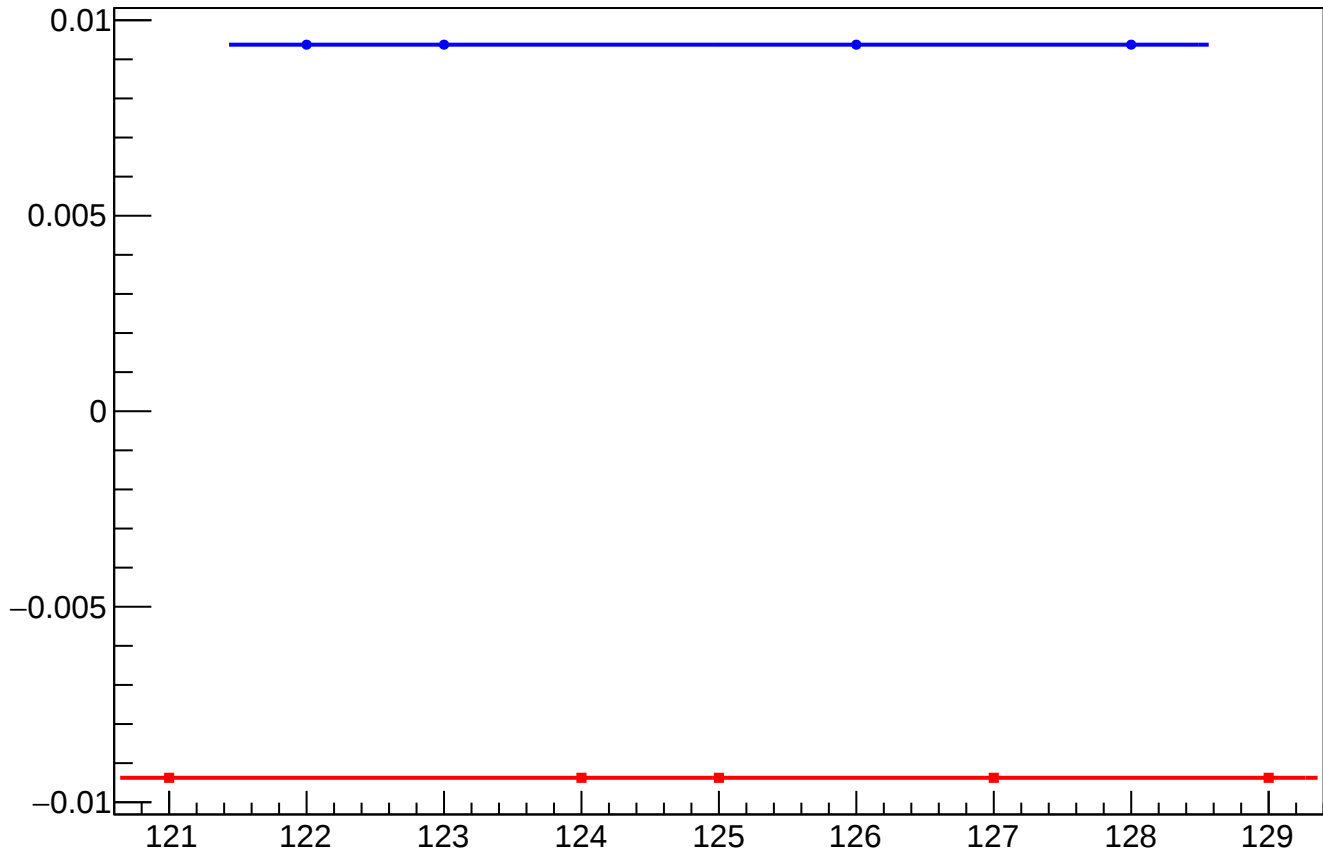
Right In: 741.522 $\pm$ 0.000 χ^2 /NDF: 6619671943688413671130660864.0/3
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -741.526 $\pm$ 0.000 χ^2 /NDF: 11589779256598914853240832000.0/4
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -81.859 $\pm$ 0.000 χ^2 /NDF: 167292474465447

HacL_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 980.825+/-0.000 χ^2/NDF : 5146780973038394482712641536.0/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -980.826+/-0.000 χ^2/NDF : 7180839225065149215222530048.0/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -108.273+/-0.000 χ^2/NDF : 29269107944561

MQ172RM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

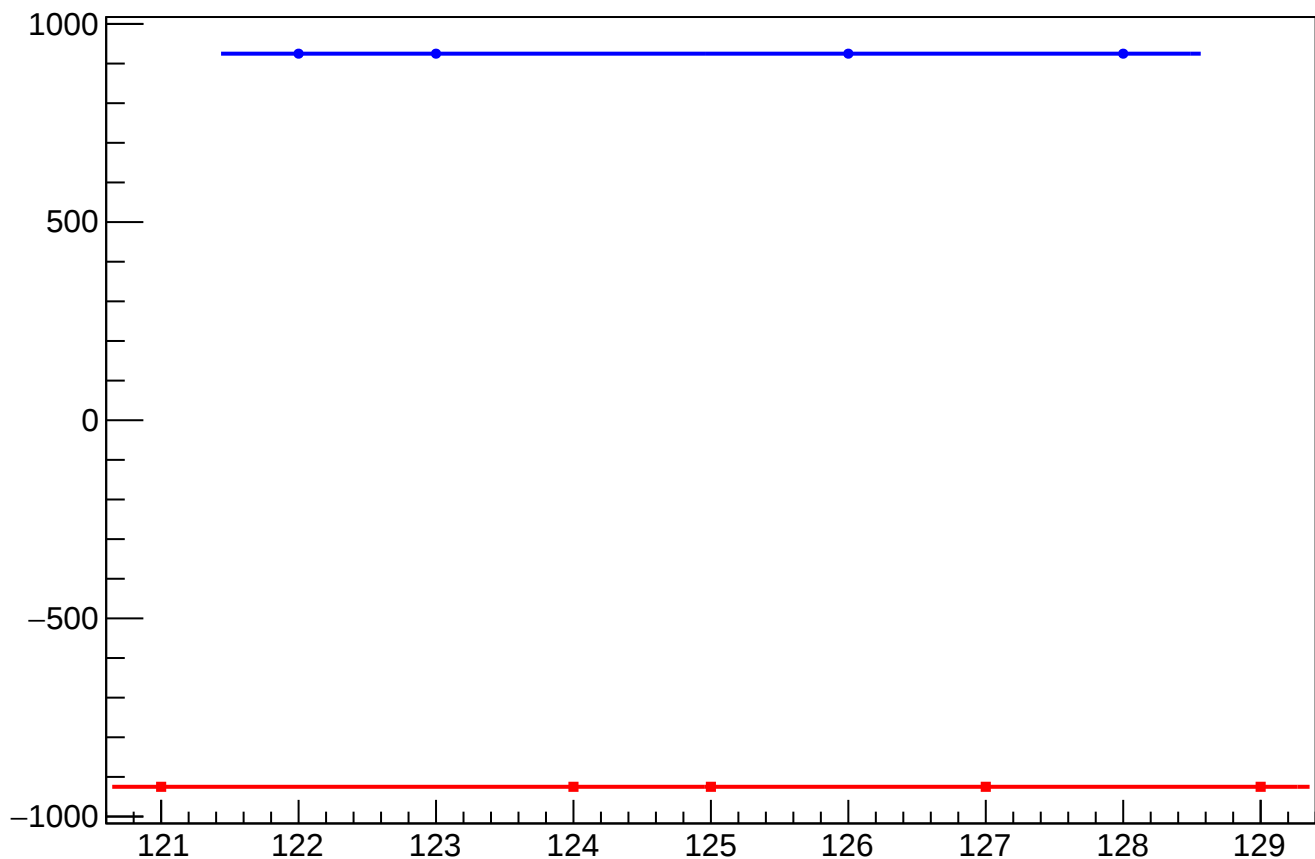
Right: -0.001+/-0.000 χ^2/NDF : 2674043729707790

In: 0.009+/-0.000 χ^2/NDF : 0.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

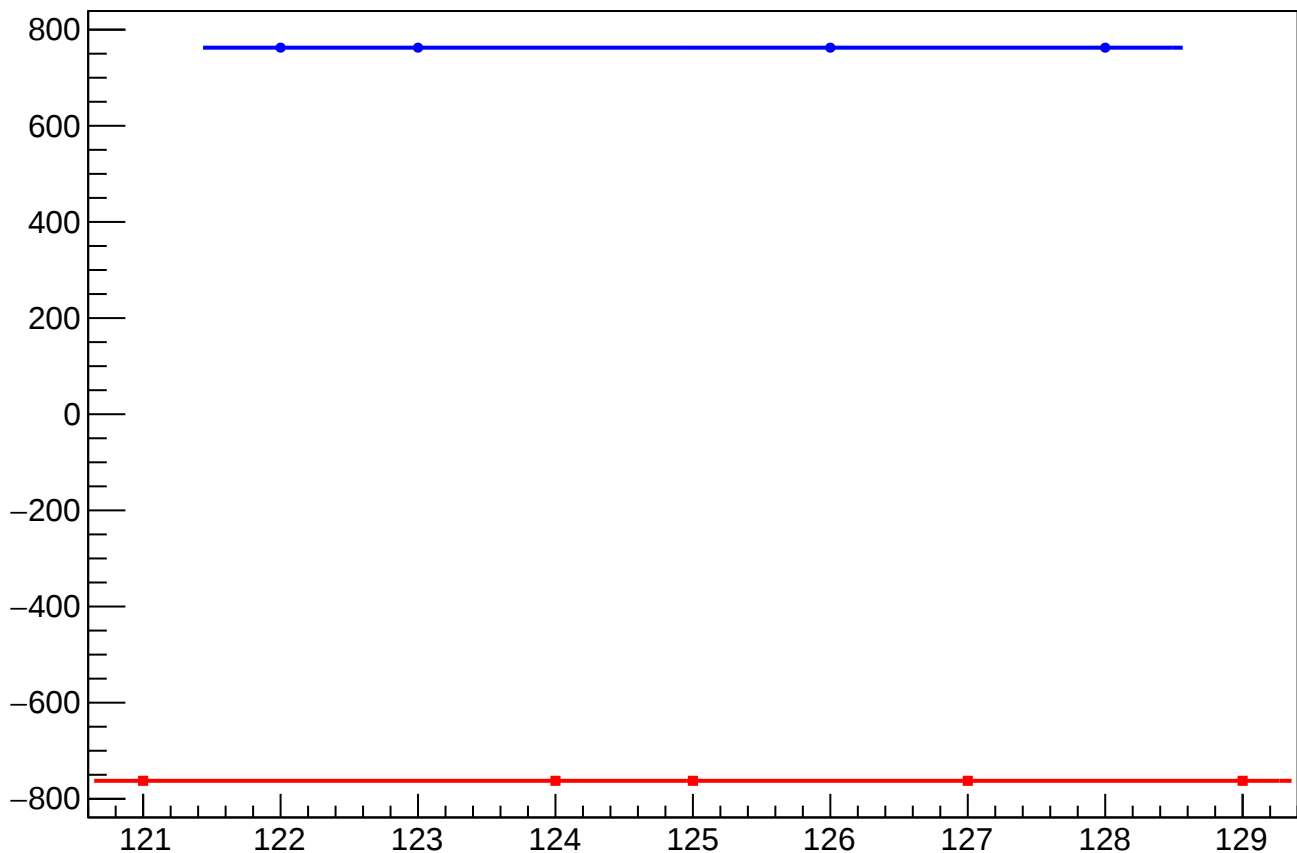
All: -0.001+/-0.000 χ^2/NDF : 2674043729707

HacR_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



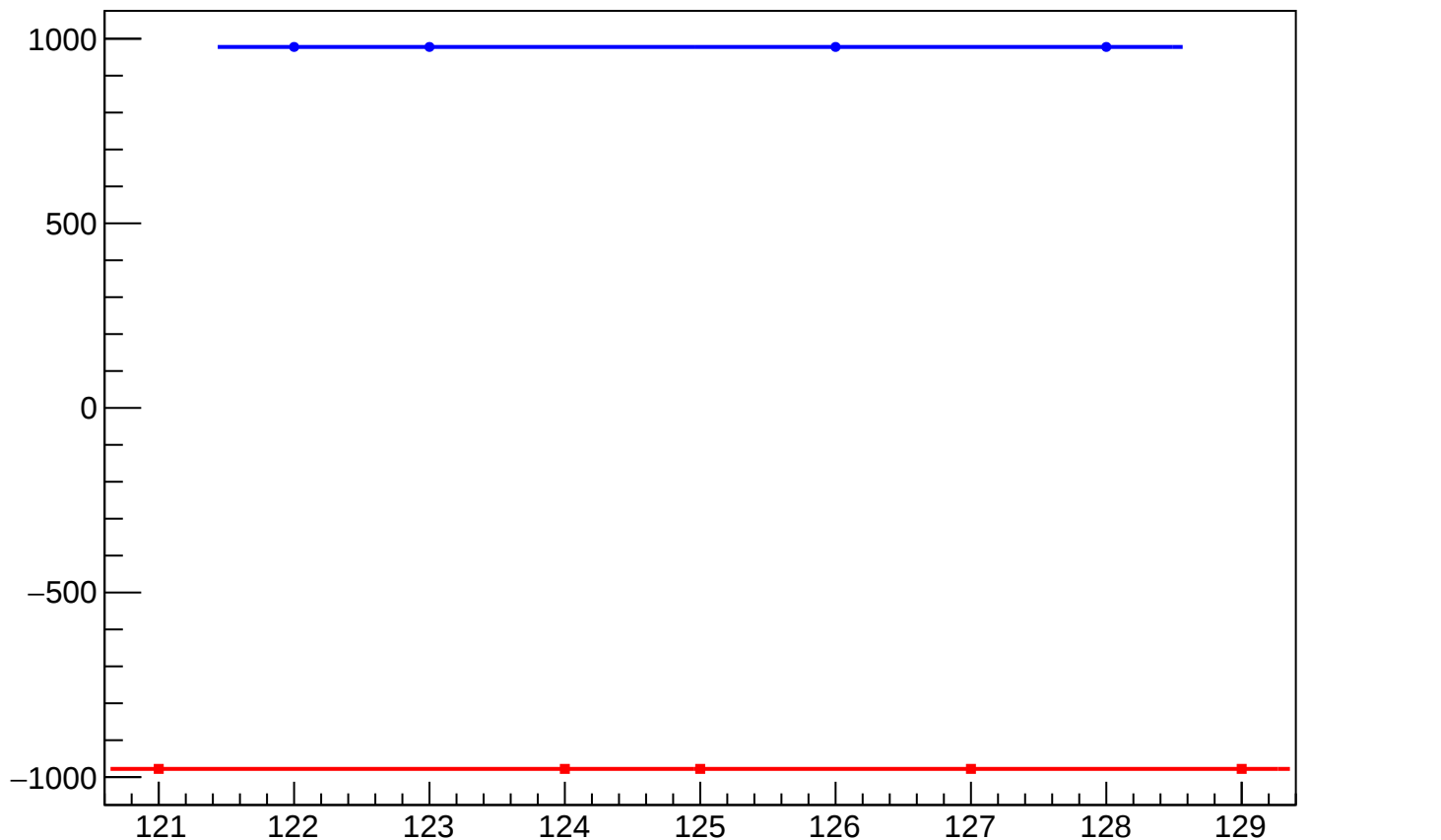
Right In: 924.949 $\pm$ 0.000 χ^2 /NDF: 3043012934718994447901655040.0/3
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -924.951 $\pm$ 0.000 χ^2 /NDF: 8828012846762534998057680896.0/4
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -102.106 $\pm$ 0.000 χ^2 /NDF: 26029302707333

HacR_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



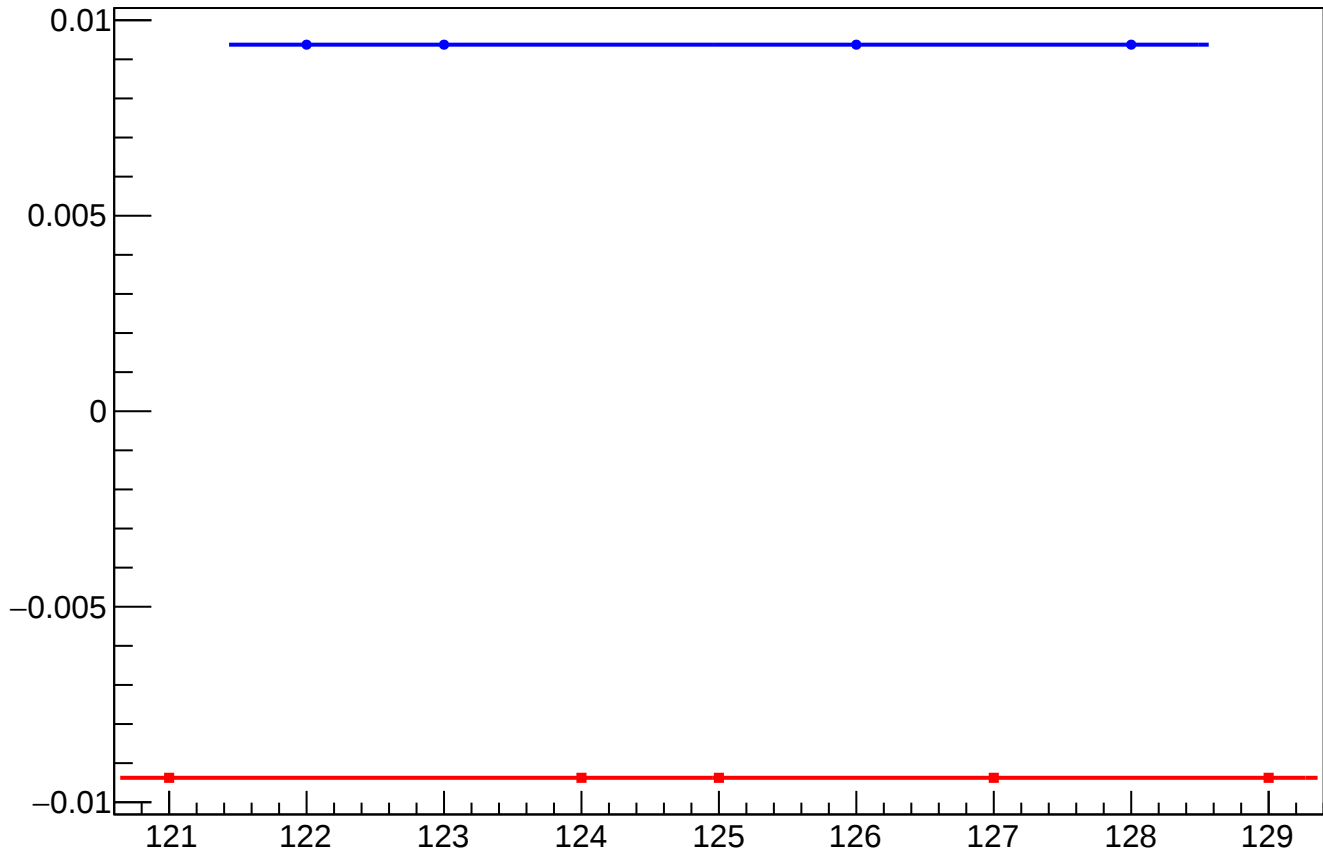
Right In: 762.502 $\pm$ 0.000 χ^2 /NDF: 14084173785533987952787456.0/3
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -762.502 $\pm$ 0.000 χ^2 /NDF: 25150679575793047477157888.0/4
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -84.172 $\pm$ 0.000 χ^2 /NDF: 176891910926785

HacR_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 977.742 $\pm$ 0.000 χ^2 /NDF: 6315805373597245050437238784.0/3
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -977.742 $\pm$ 0.000 χ^2 /NDF: 5921516247574169078063955968.0/4
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -107.933 $\pm$ 0.000 χ^2 /NDF: 29085365587942.0/3

hesDipole_current_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

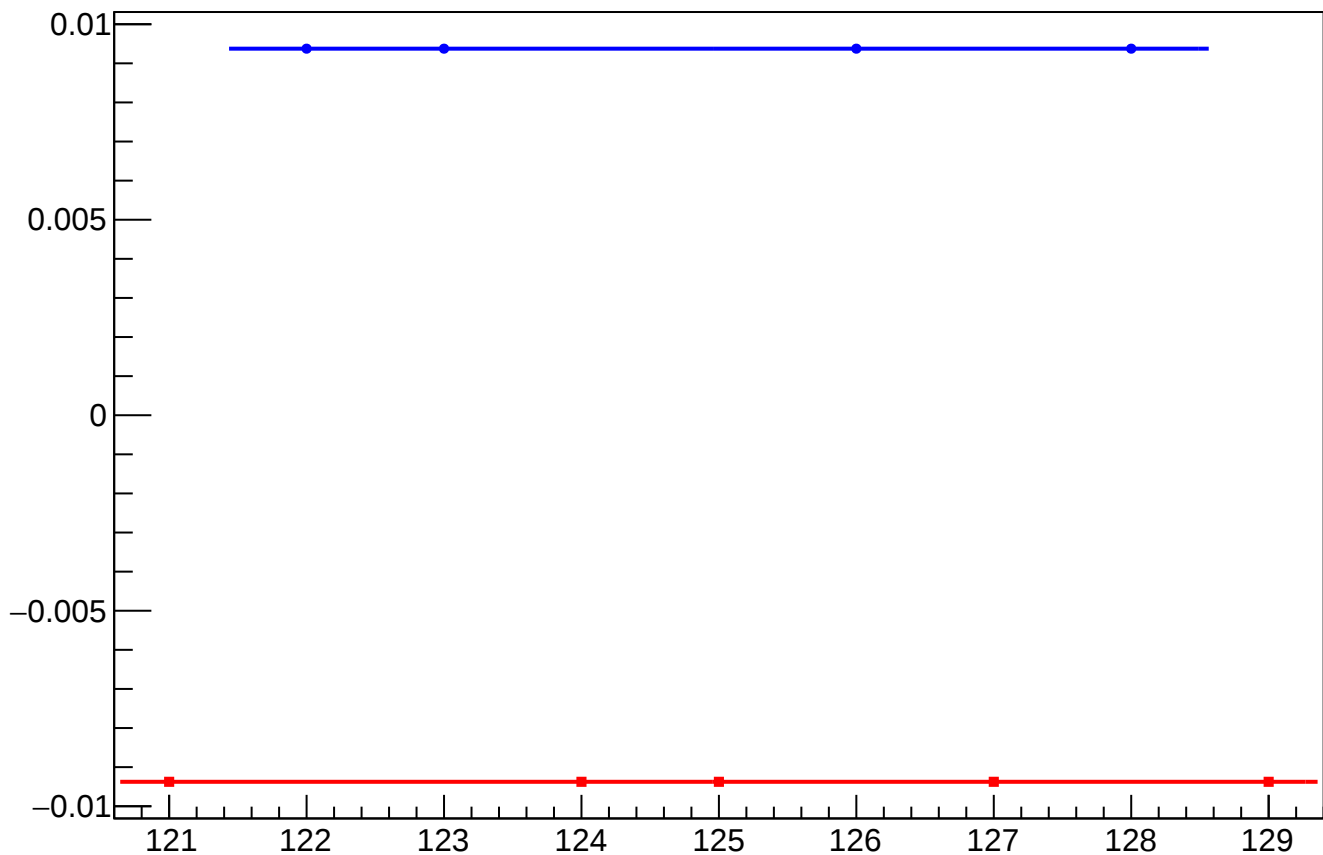
Right: -0.001+/-0.000 χ^2/NDF : 2674043729707790

In: 0.009+/-0.000 χ^2/NDF : 0.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 2674043729707

MSUPERBIGBITereadcalc_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

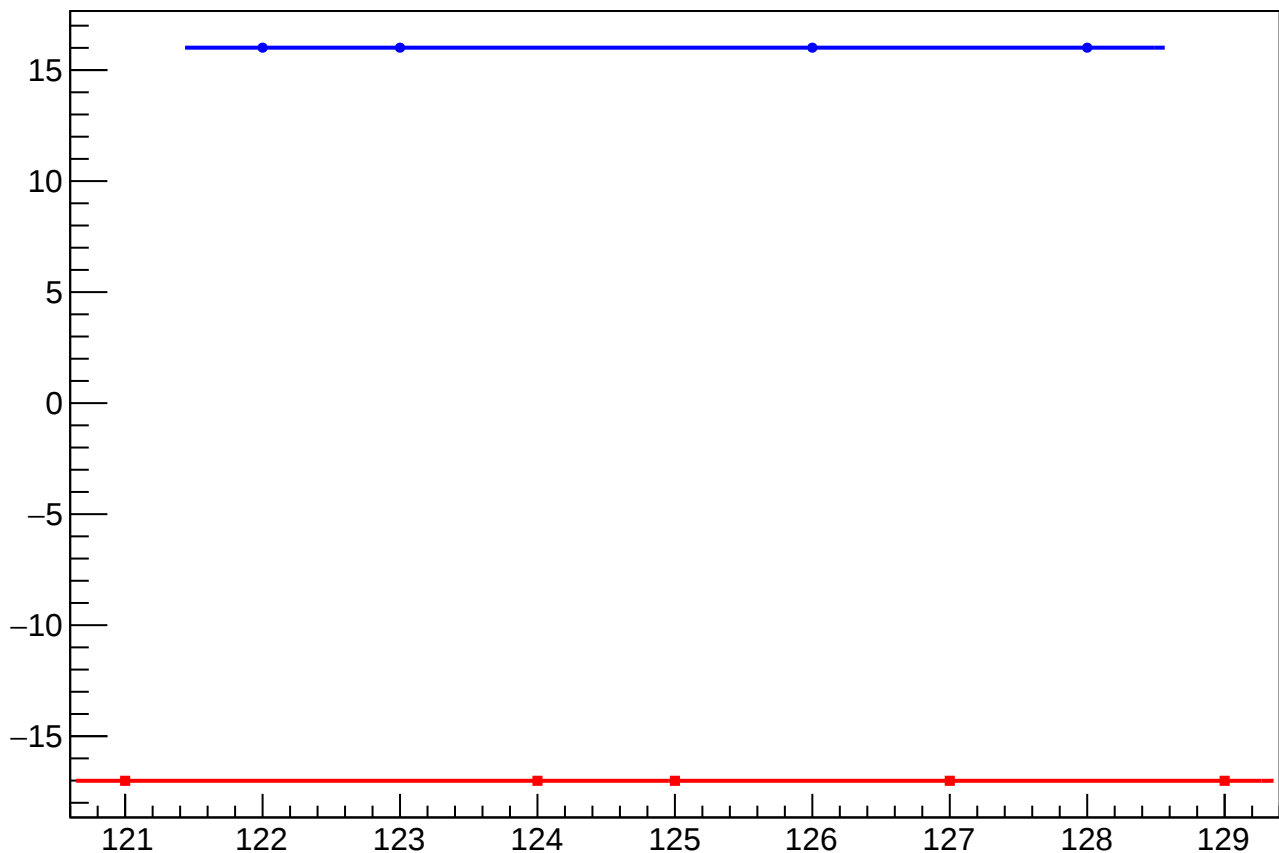
Right: -0.001+/-0.000 χ^2/NDF : 2674043729707790

In: 0.009+/-0.000 χ^2/NDF : 0.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 2674043729707

IGL1I00DI24_24M_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2/NDF : 10513.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.009+/-0.000 χ^2/NDF : 6435869014581610358505472.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

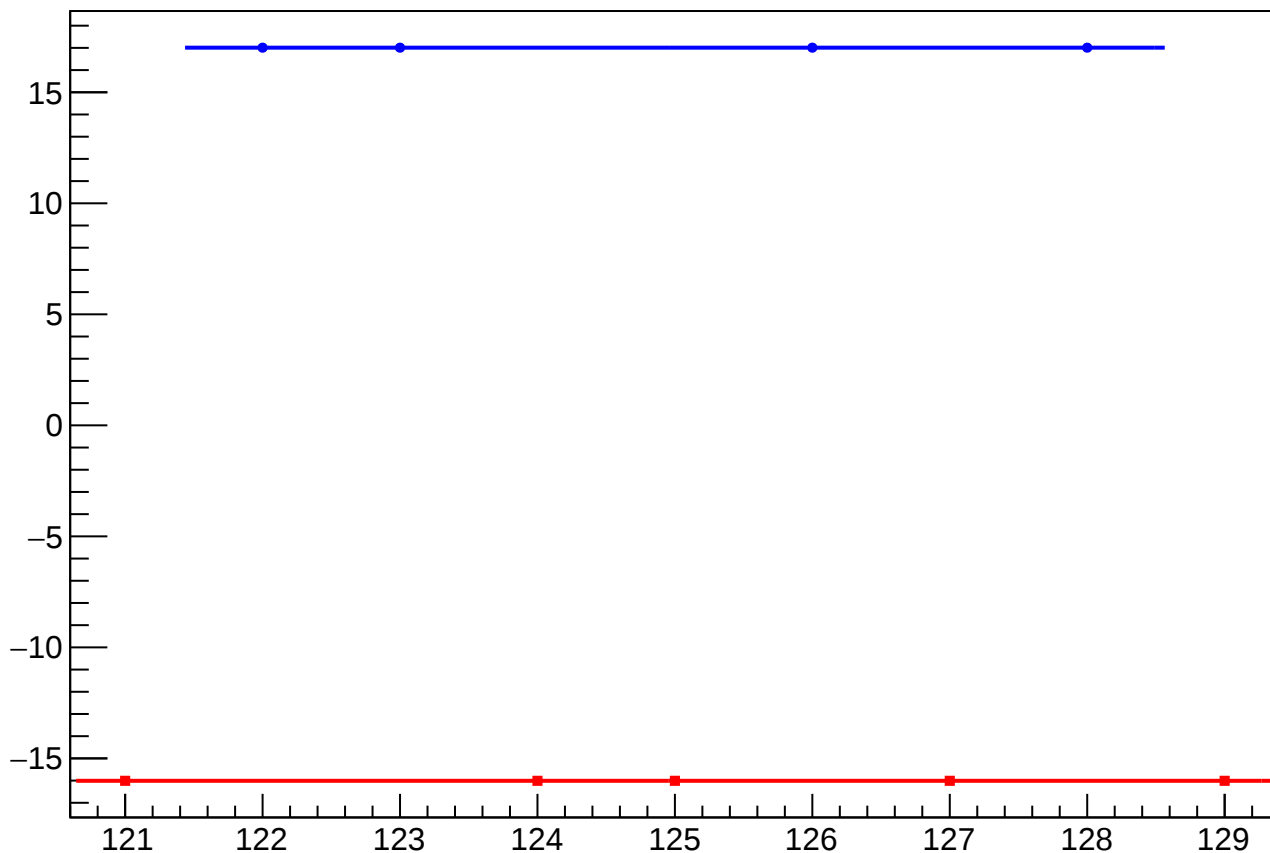
Right: -2.275+/-0.000 χ^2/NDF : 8270832506585834

In: 16.009+/-0.000 χ^2/NDF : 10513.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.275+/-0.000 χ^2/NDF : 8270832506585

IGL1I00OD16_16_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2/NDF : 8898.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.009+/-0.000 χ^2/NDF : 9150.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

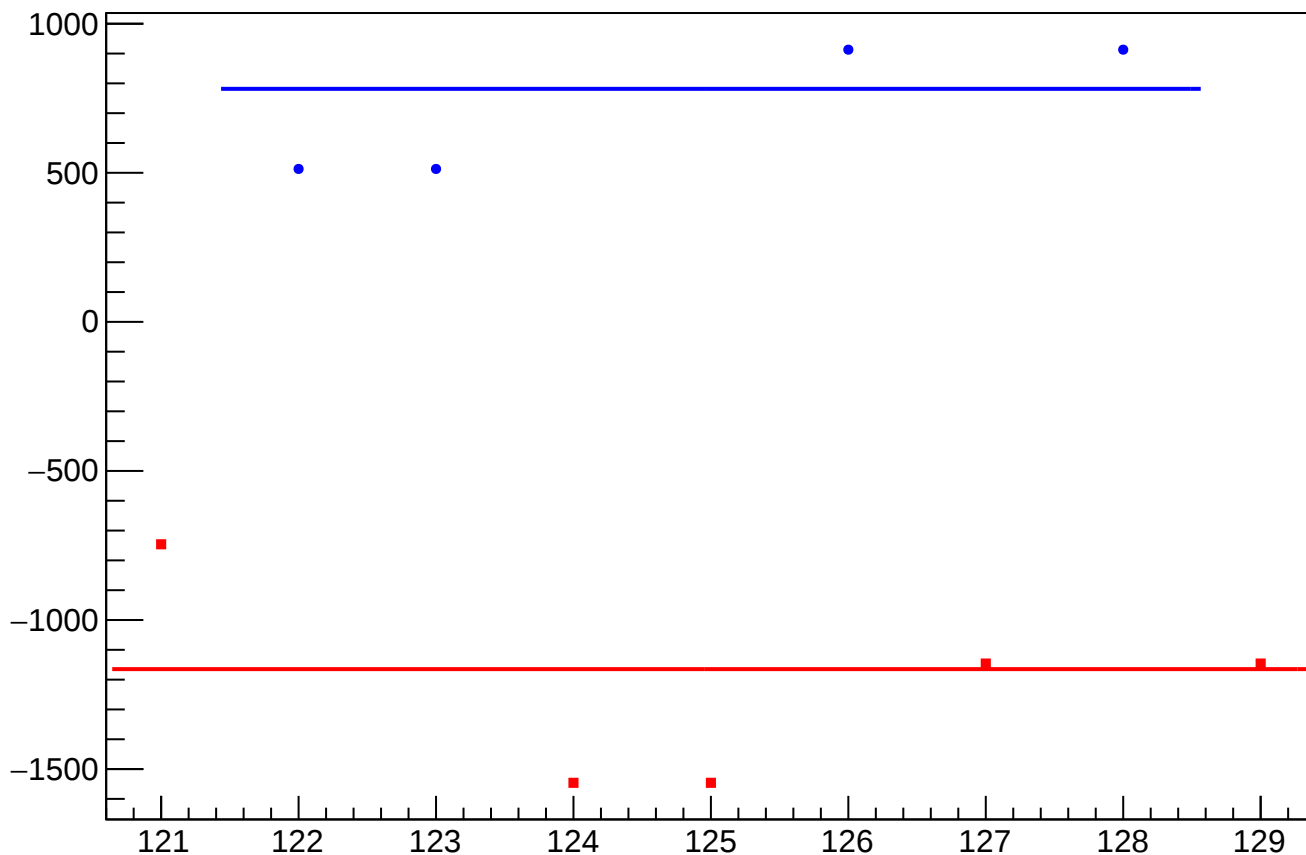
Right: -1.322+/-0.000 χ^2/NDF : 8292533165115166

In: 17.009+/-0.000 χ^2/NDF : 8898.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

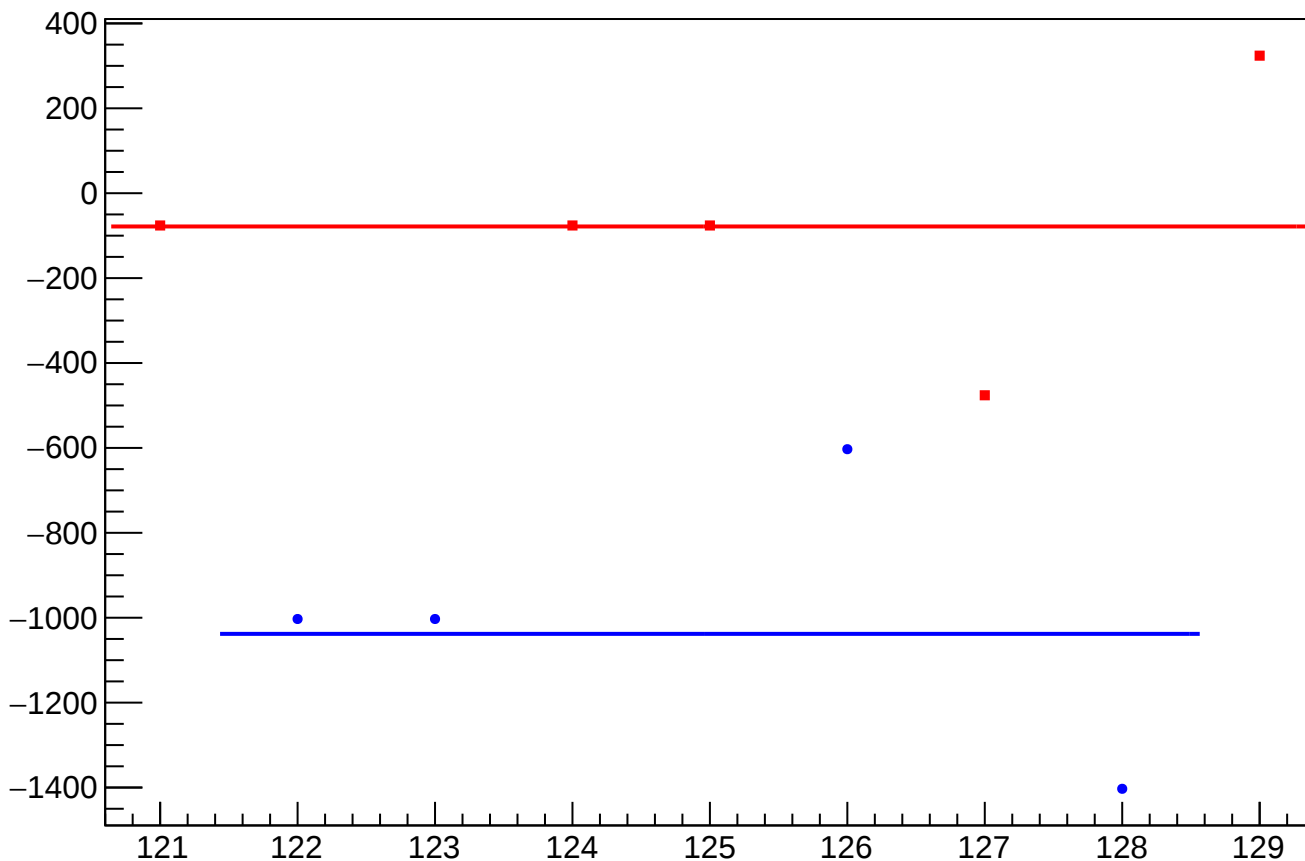
All: -1.322+/-0.000 χ^2/NDF : 8292533165115

RTPAPOSUCNT_mean vs Slug, Sign Corrected



Right In: 781.604+/-0.000 χ^2/NDF : 4835036496350366970519256120877383680.0/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1164.721+/-0.000 χ^2/NDF : 13700797953162065648674593771303731200.0/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -298.986+/-0.000 χ^2/NDF : 30667122396178

RTPAPOSVCNT_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -505.215+/-0.000 χ^2/NDF : 98201533994458
 In: -1038.023+/-0.000 χ^2/NDF : 14551451167018069999927839462948601856.0/3
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: -1038.023+/-0.000 χ^2/NDF : 14551451167018069999927839462948601856.0/3
 Right Out: -78.346+/-0.000 χ^2/NDF : 13598703540962853572027049519605612544.0/4
 All: -505.215+/-0.000 χ^2/NDF : 98201533994