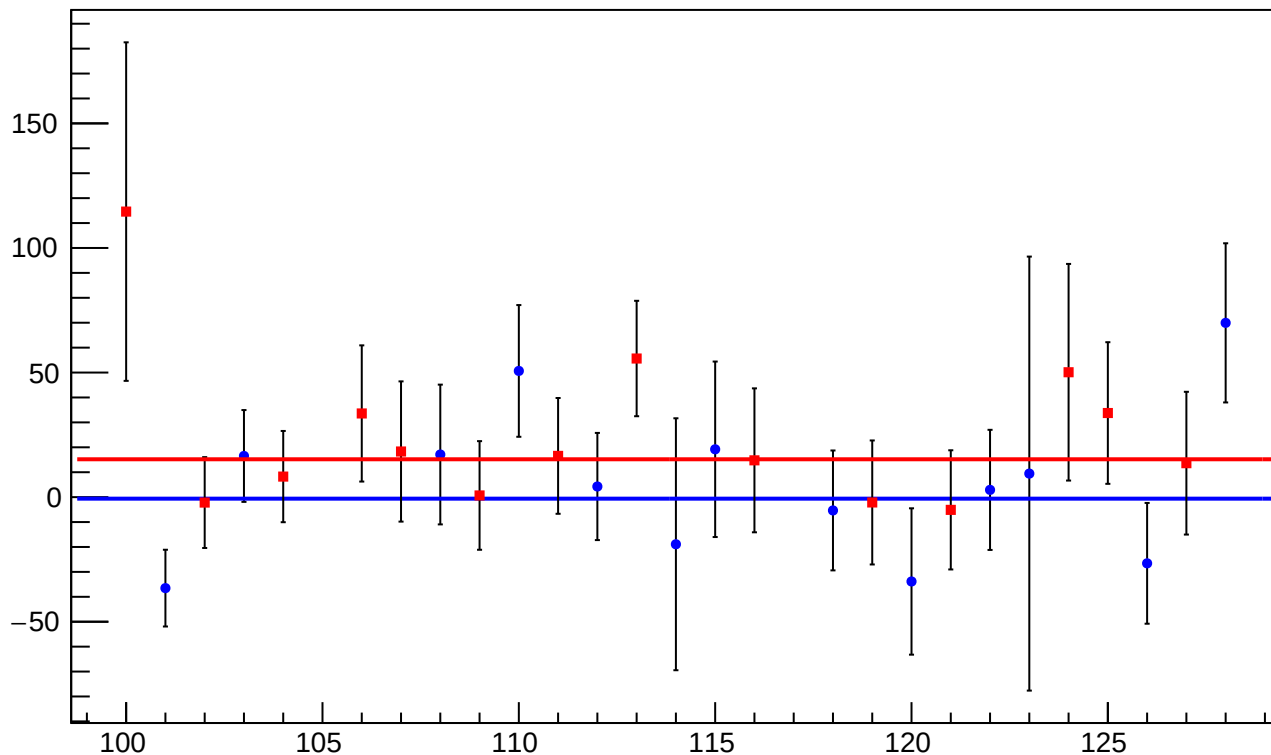


diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.610+/-6.960

χ^2/NDF : 18.3/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 15.196+/-6.715

χ^2/NDF : 9.4/13

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 7.576+/-4.832

χ^2/NDF : 30.4/26

In: -0.610+/-6.960

χ^2/NDF : 18.3/12

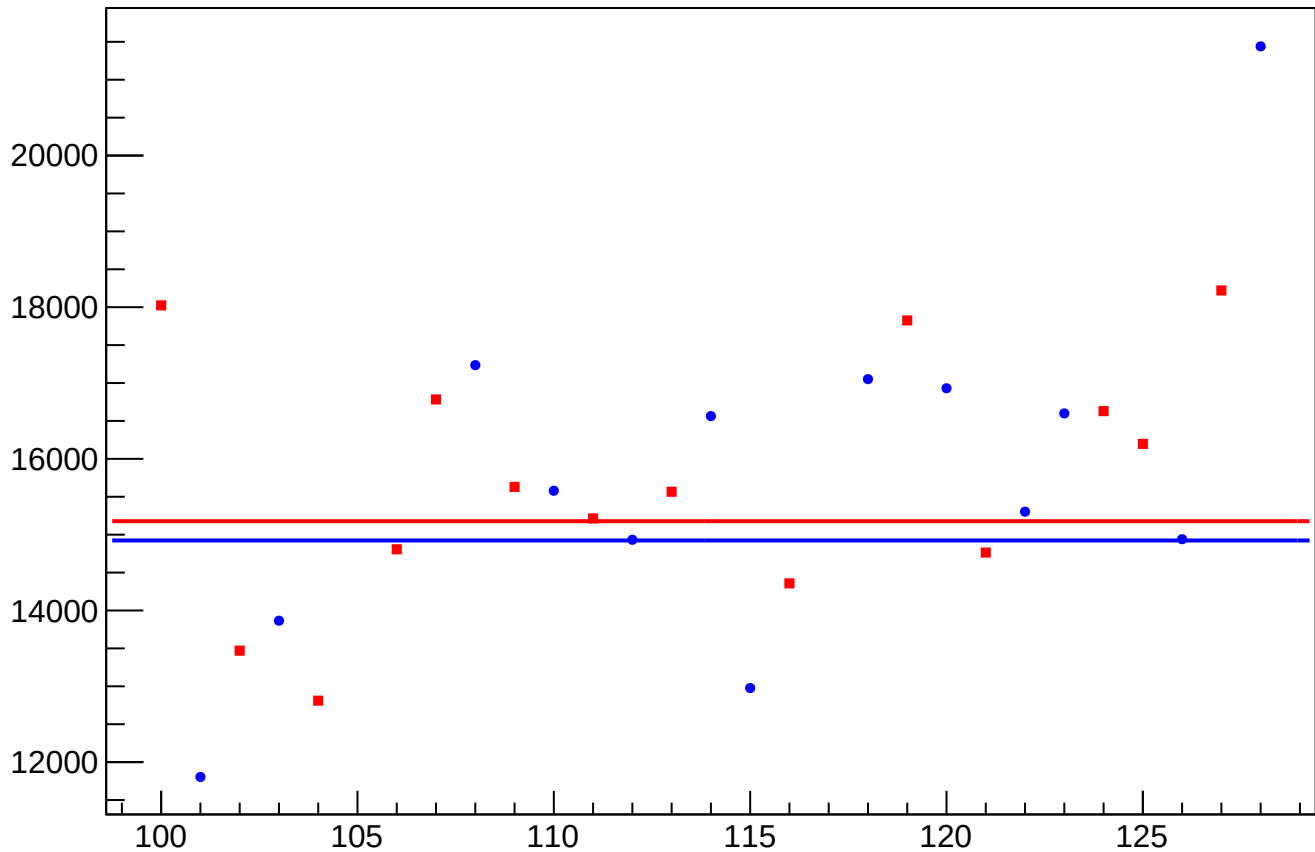
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 7.576+/-4.832

χ^2/NDF : 30.4/26

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 14923.313+/-4.921 χ^2/NDF : 221145.0/12

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

Right Out: 15177.810+/-4.748 χ^2/NDF : 115008.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

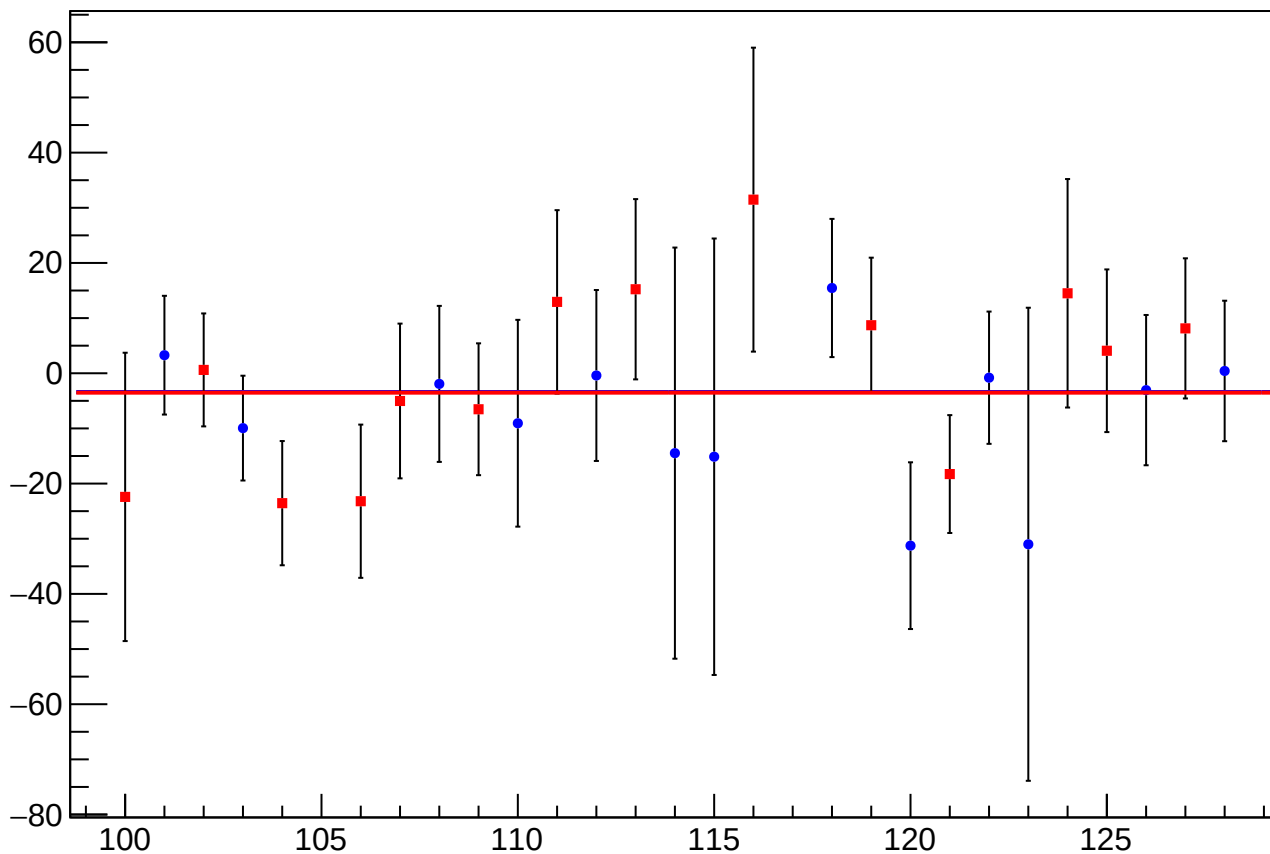
Right: 15055.118+/-3.417 χ^2/NDF : 337538.8/26

In: 14923.313+/-4.921 χ^2/NDF : 221145.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15055.118+/-3.417 χ^2/NDF : 337538.8/26

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -3.401 ± 3.988 $\chi^2/\text{NDF}: 7.4/12$

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

Right Out: -3.515 ± 3.691 $\chi^2/\text{NDF}: 14.6/13$

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

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

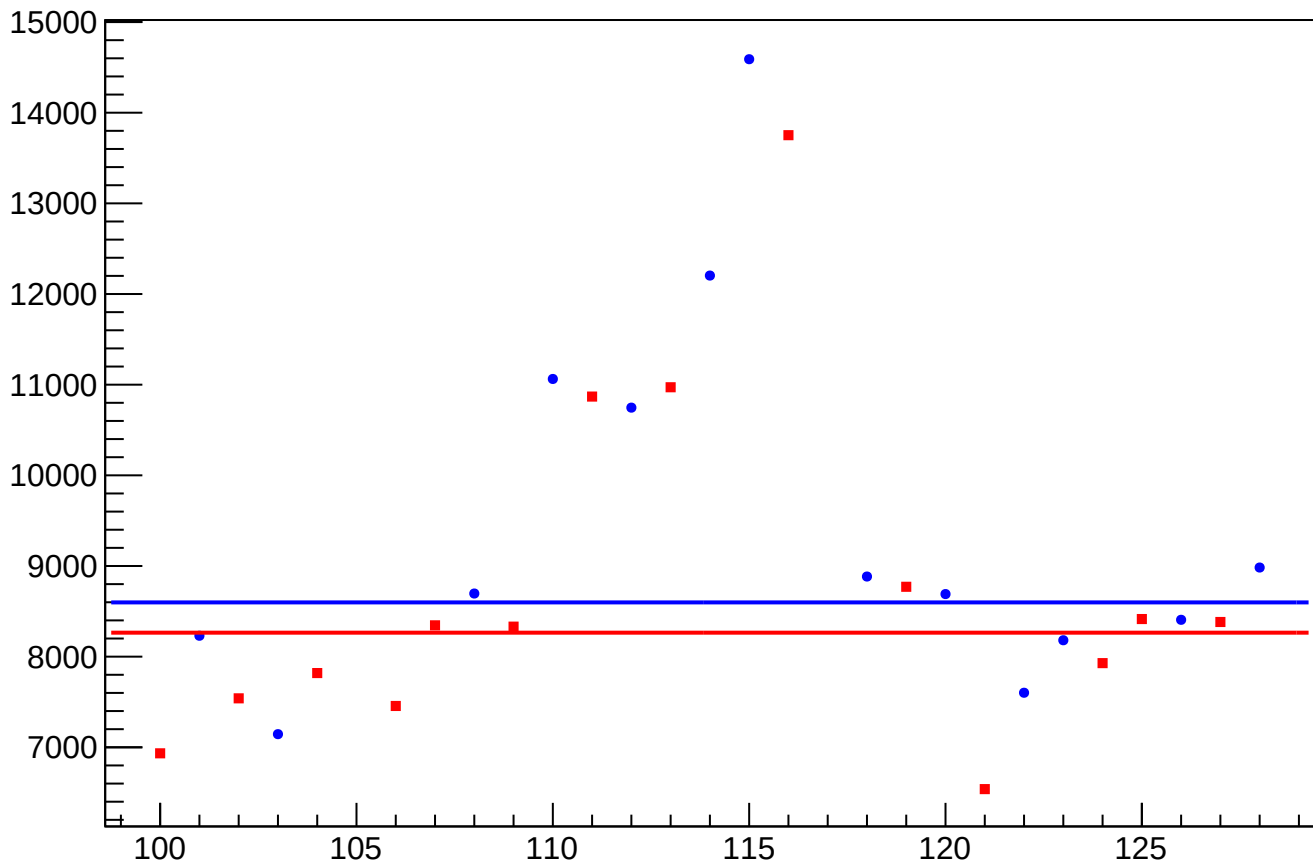
Right: -3.462 ± 2.709 $\chi^2/\text{NDF}: 22.0/26$

In: -3.401 ± 3.988 $\chi^2/\text{NDF}: 7.4/12$

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

All: -3.462 ± 2.709 $\chi^2/\text{NDF}: 22.0/26$

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8598.349+/-2.820 χ^2/NDF : 204164.4/12

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

Right Out: 8264.501+/-2.610 χ^2/NDF : 264977.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

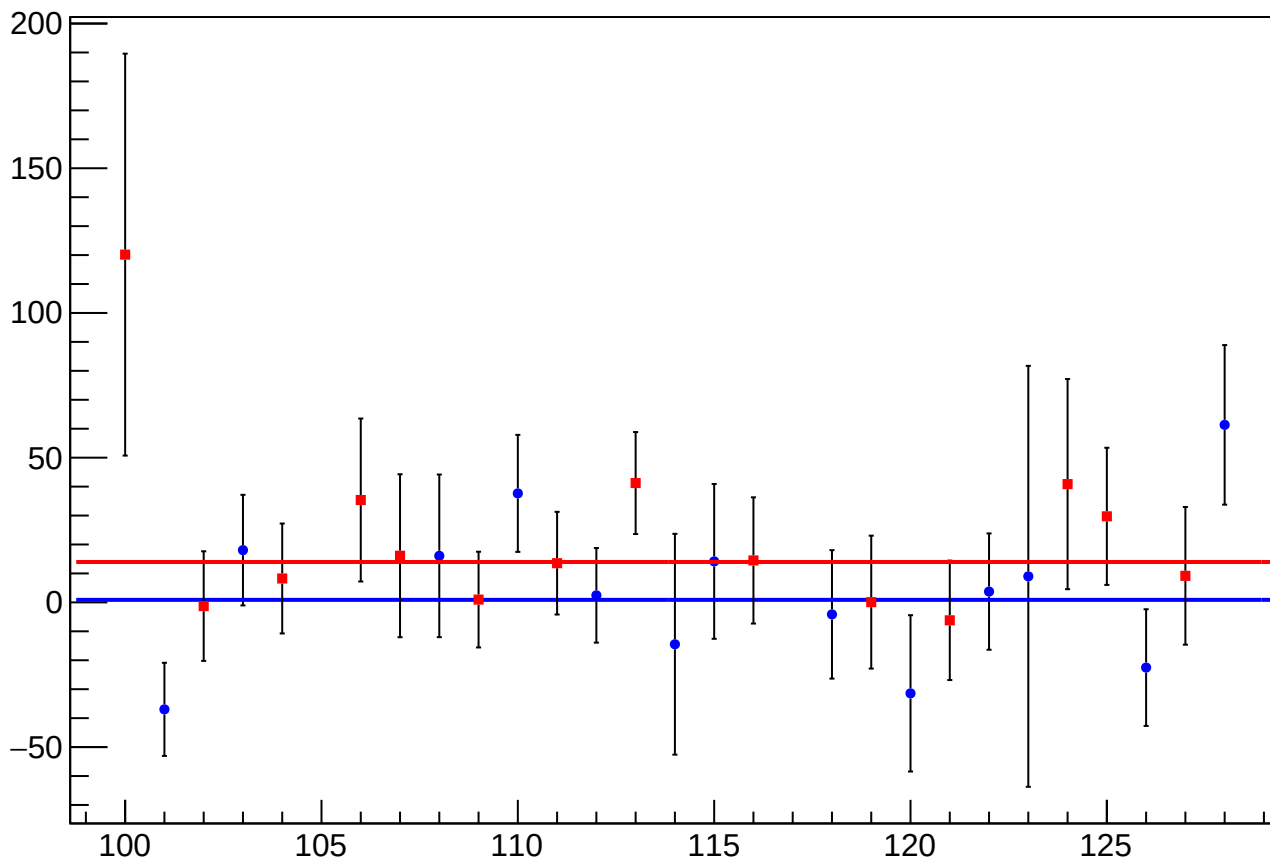
Right: 8418.557+/-1.916 χ^2/NDF : 476690.4/26

In: 8598.349+/-2.820 χ^2/NDF : 204164.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8418.557+/-1.916 χ^2/NDF : 476690.4/26

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: 0.874+/-6.203 χ^2/NDF : 18.0/12

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

Right Out: 13.956+/-5.872 χ^2/NDF : 9.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

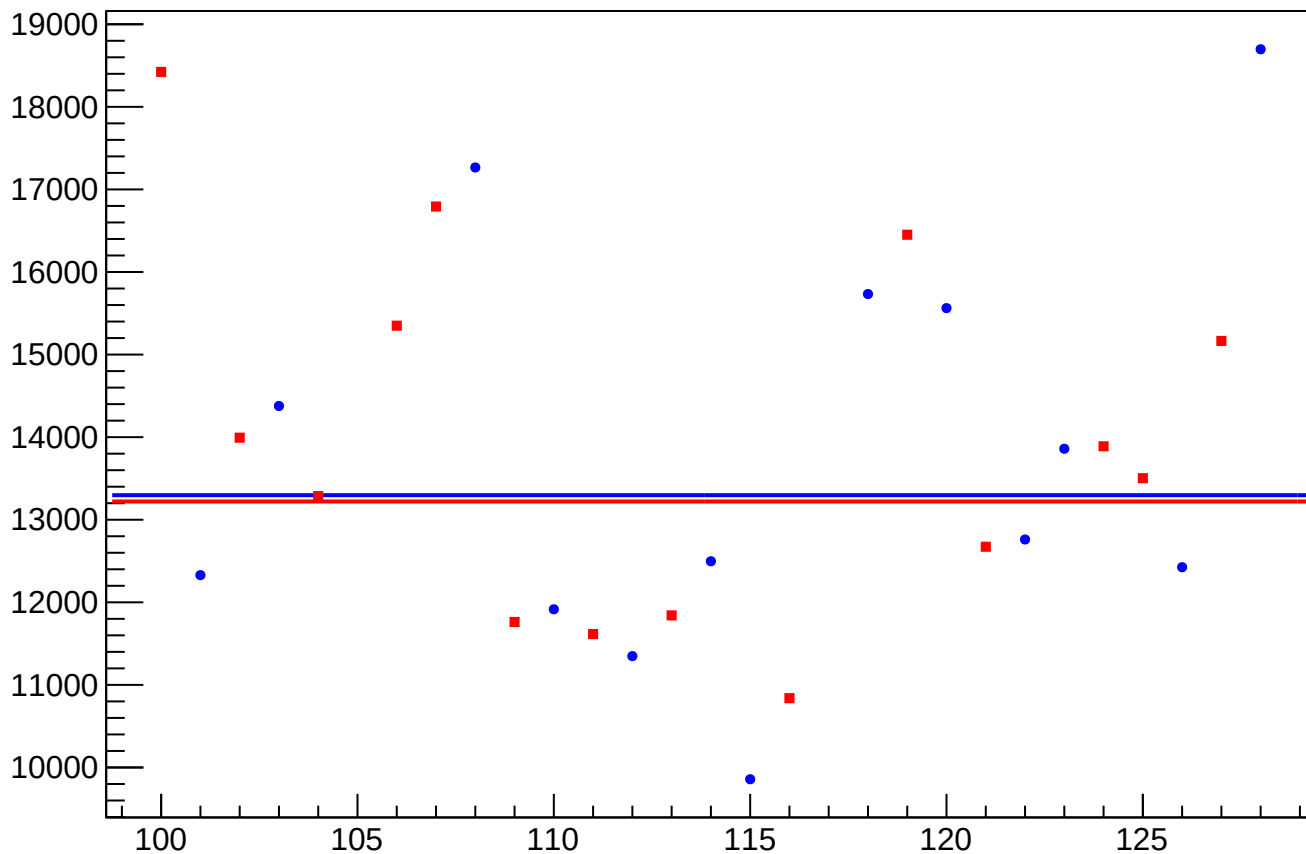
Right: 7.774+/-4.265 χ^2/NDF : 29.4/26

In: 0.874+/-6.203 χ^2/NDF : 18.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.774+/-4.265 χ^2/NDF : 29.4/26

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13297.326+/-4.386 χ^2/NDF : 245444.5/12

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

Right Out: 13221.153+/-4.152 χ^2/NDF : 181539.2/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

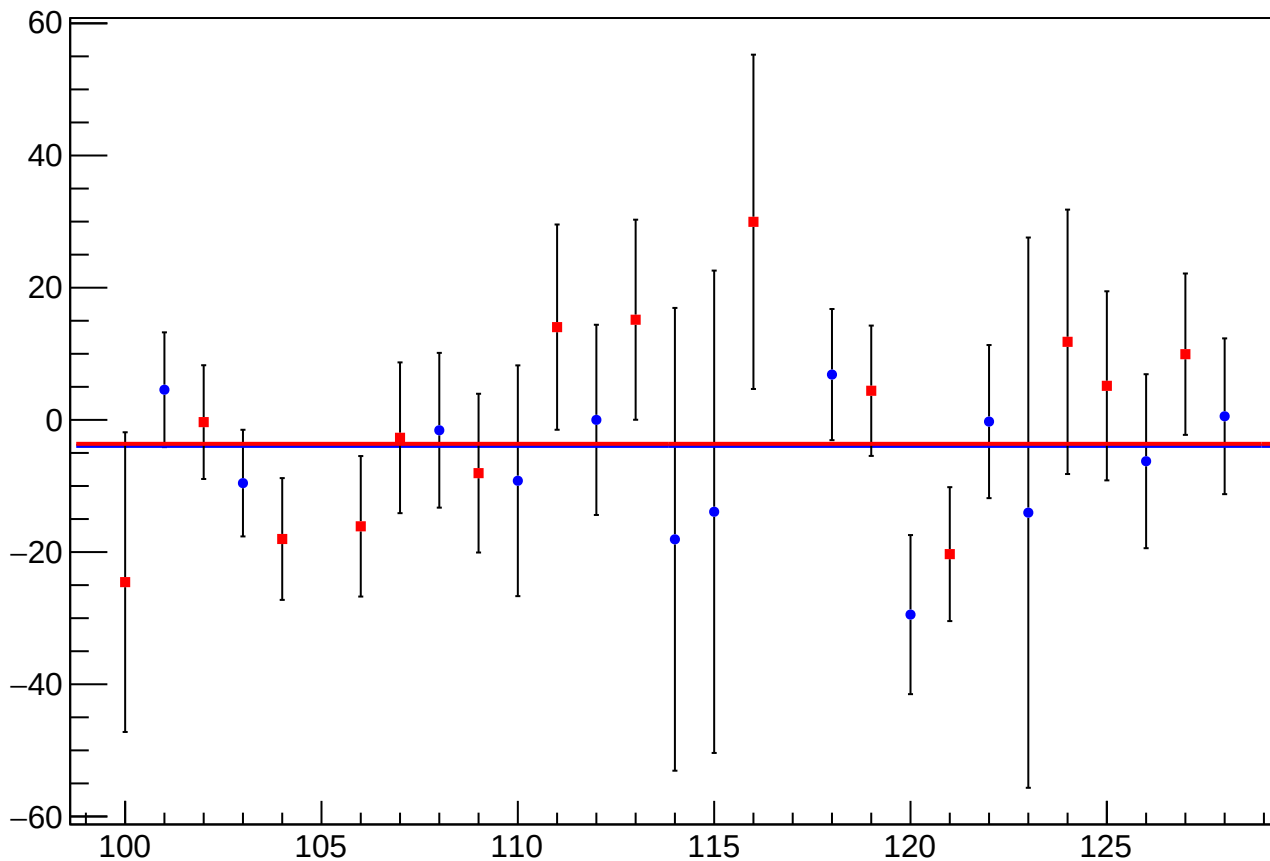
Right: 13257.151+/-3.015 χ^2/NDF : 427142.7/26

In: 13297.326+/-4.386 χ^2/NDF :245444.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13257.151+/-3.015 χ^2/NDF : 427142.7/26

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -3.933 ± 3.457 χ^2/NDF : 7.9/12

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

Right Out: -3.621 ± 3.246 χ^2/NDF : 15.1/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

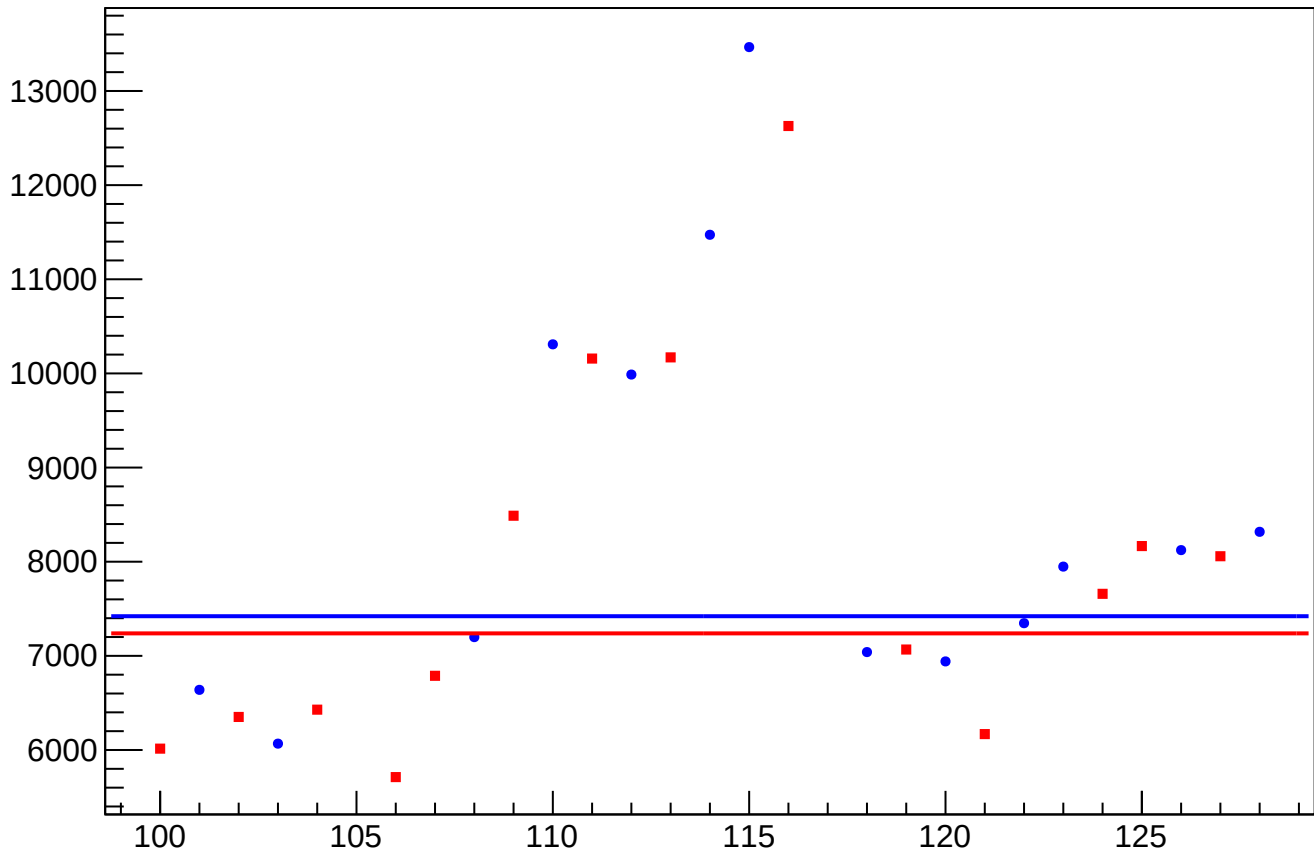
Right: -3.767 ± 2.366 χ^2/NDF : 23.1/26

In: -3.933 ± 3.457 χ^2/NDF : 7.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.767 ± 2.366 χ^2/NDF : 23.1/26

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7421.038+/-2.444 χ^2/NDF : 297104.5/12

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

Right Out: 7238.694+/-2.295 χ^2/NDF : 386359.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

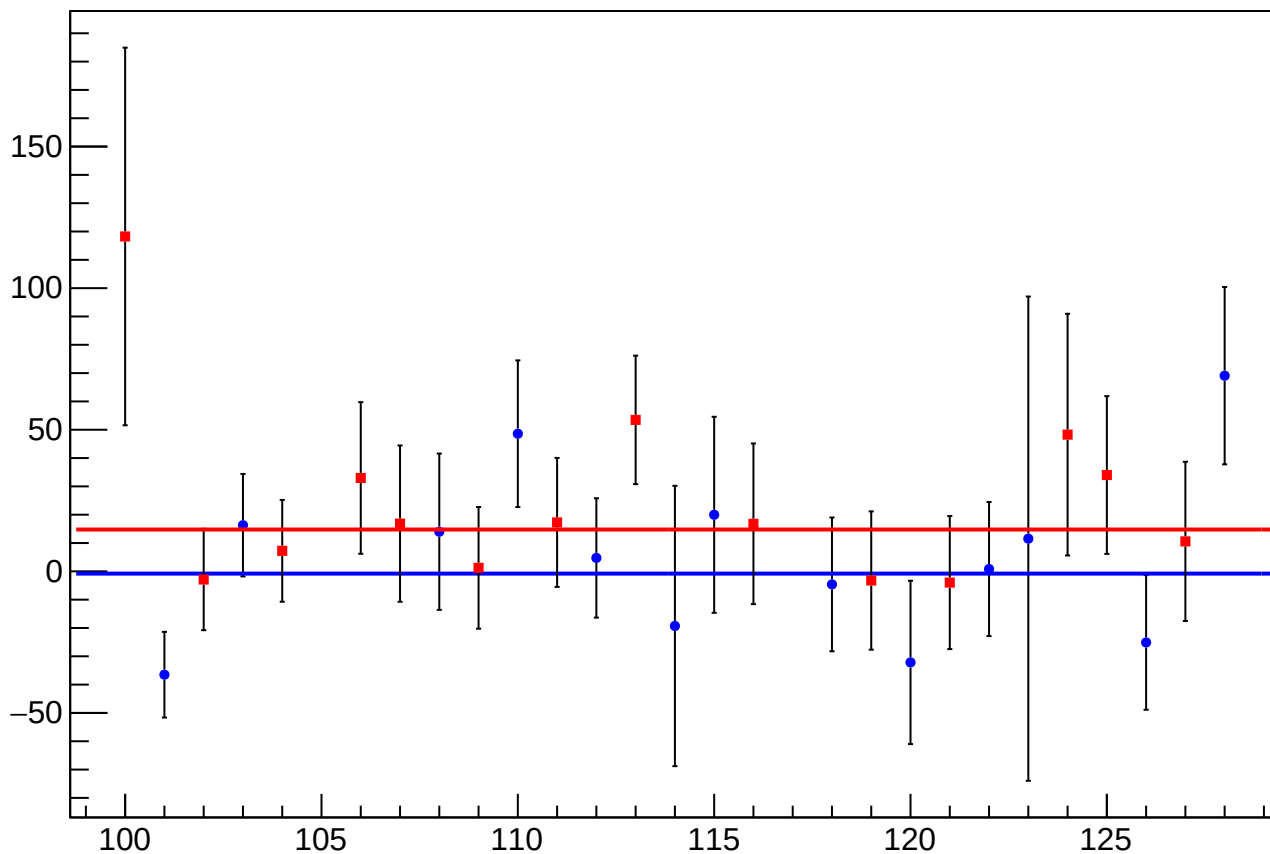
Right: 7324.134+/-1.673 χ^2/NDF : 686420.6/26

In: 7421.038+/-2.444 χ^2/NDF : 297104.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7324.134+/-1.673 χ^2/NDF : 686420.6/26

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -0.801 ± 6.832 χ^2/NDF : 18.2/12

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

Right Out: 14.770 ± 6.591 χ^2/NDF : 9.6/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

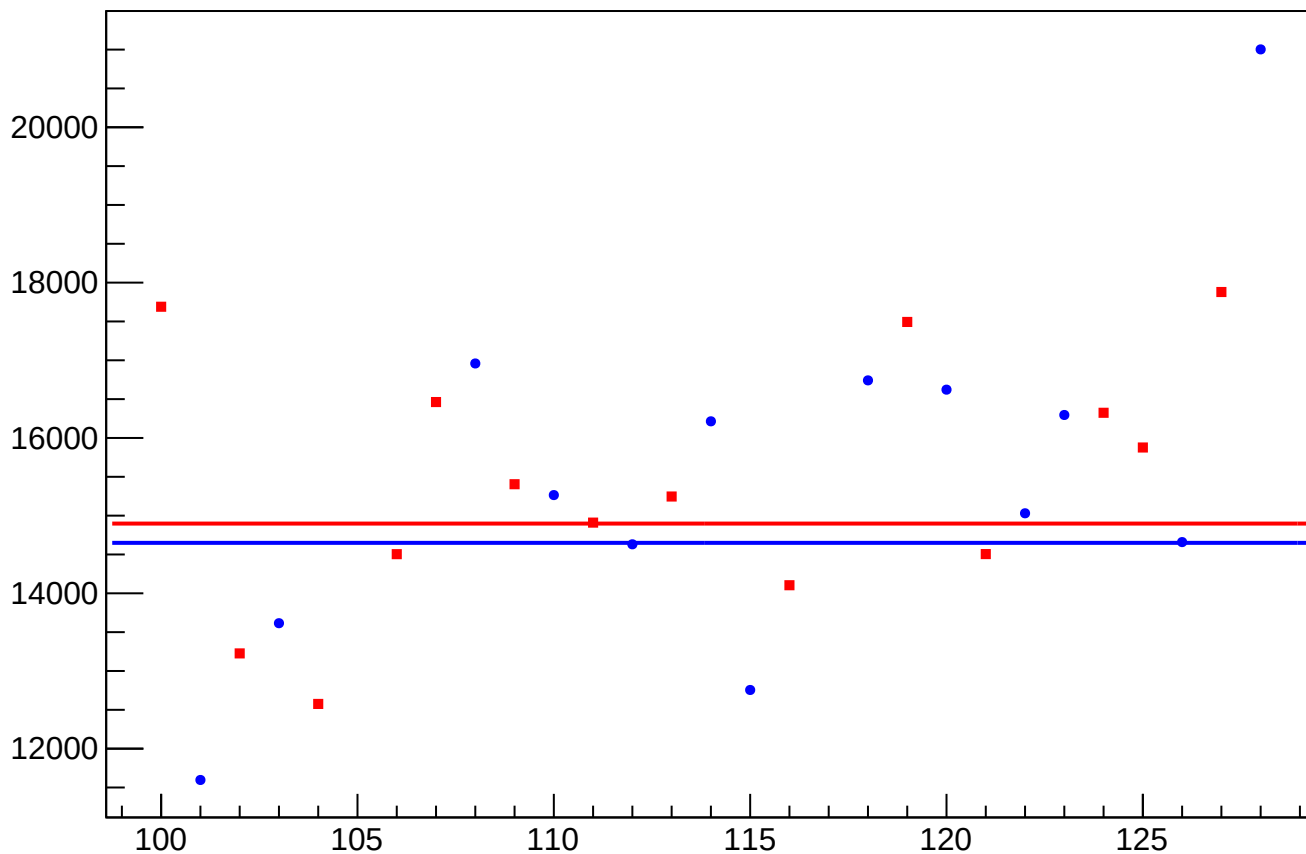
Right: 7.264 ± 4.743 χ^2/NDF : 30.6/26

In: -0.801 ± 6.832 χ^2/NDF : 18.2/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 7.264 ± 4.743 χ^2/NDF : 30.6/26

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 14649.666+/-4.831 χ^2/NDF : 219751.5/12

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

Right Out: 14897.827+/-4.660 χ^2/NDF : 114685.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

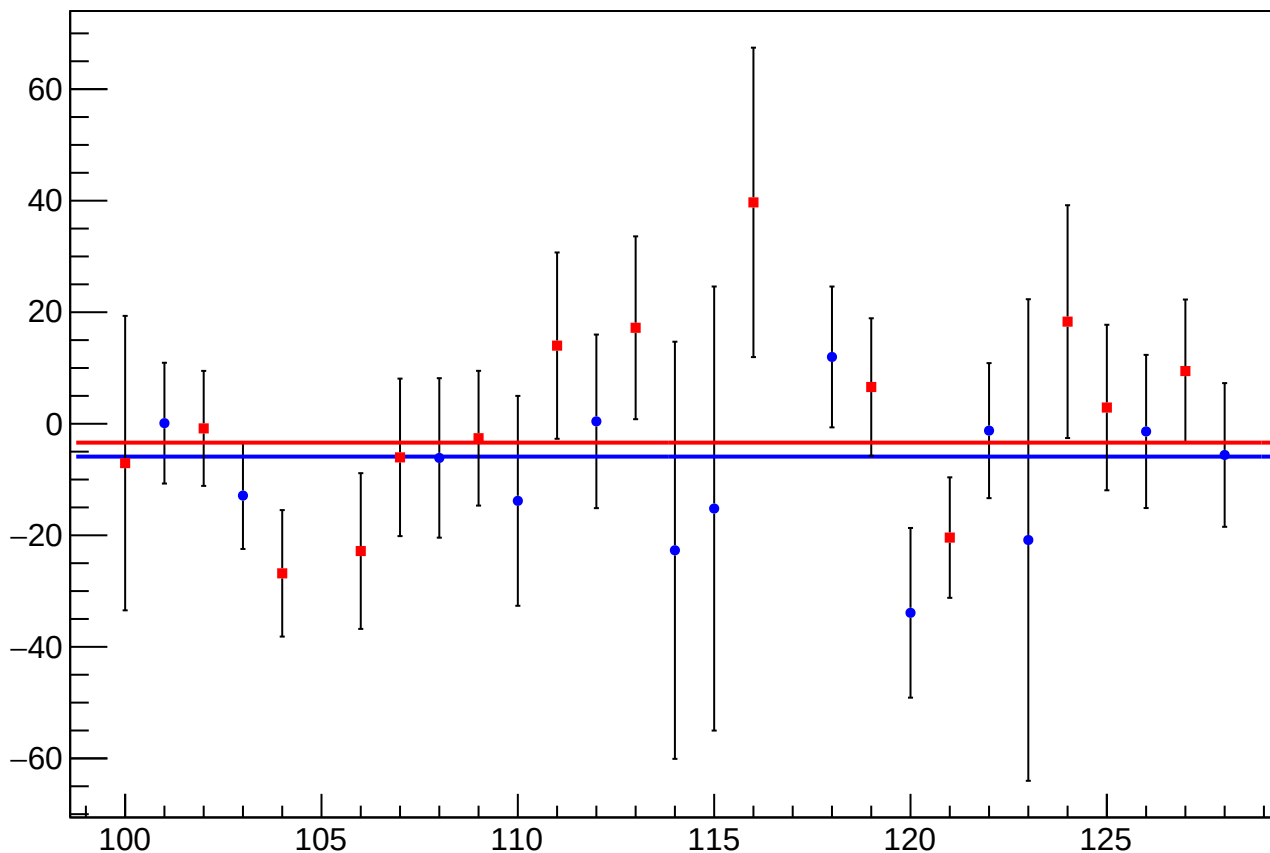
Right: 14778.200+/-3.354 χ^2/NDF : 335803.3/26

In: 14649.666+/-4.831 χ^2/NDF : 219751.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14778.200+/-3.354 χ^2/NDF : 335803.3/26

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -5.888 $\pm$ 4.019 χ^2 /NDF: 7.2/12

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

Right Out: -3.381 $\pm$ 3.719 χ^2 /NDF: 16.8/13

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

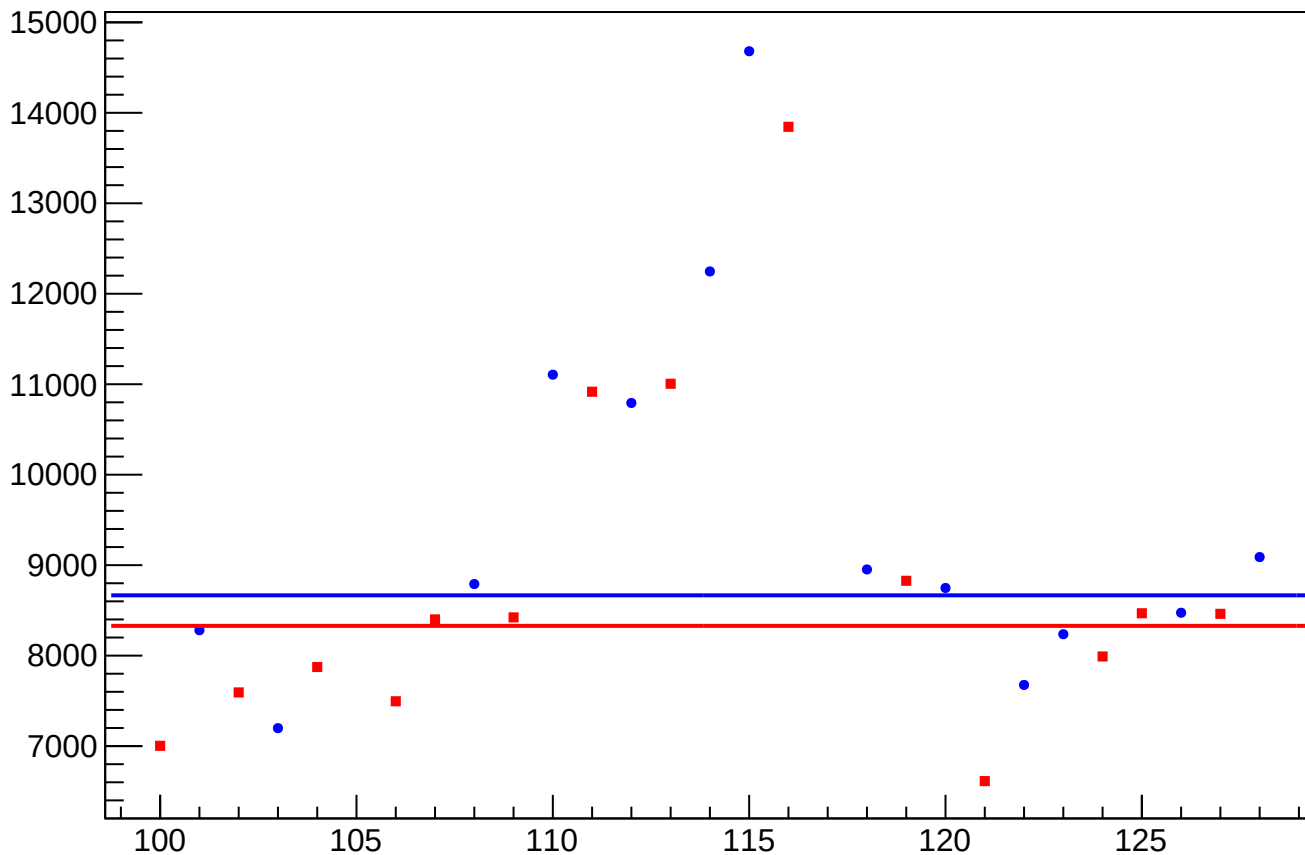
Right: -4.538 $\pm$ 2.730 χ^2 /NDF: 24.2/26

In: -5.888 $\pm$ 4.019 χ^2 /NDF:7.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.538 $\pm$ 2.730 χ^2 /NDF: 24.2/26

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8666.564+/-2.842 χ^2/NDF : 201858.9/12

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

Right Out: 8329.133+/-2.630 χ^2/NDF : 260784.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

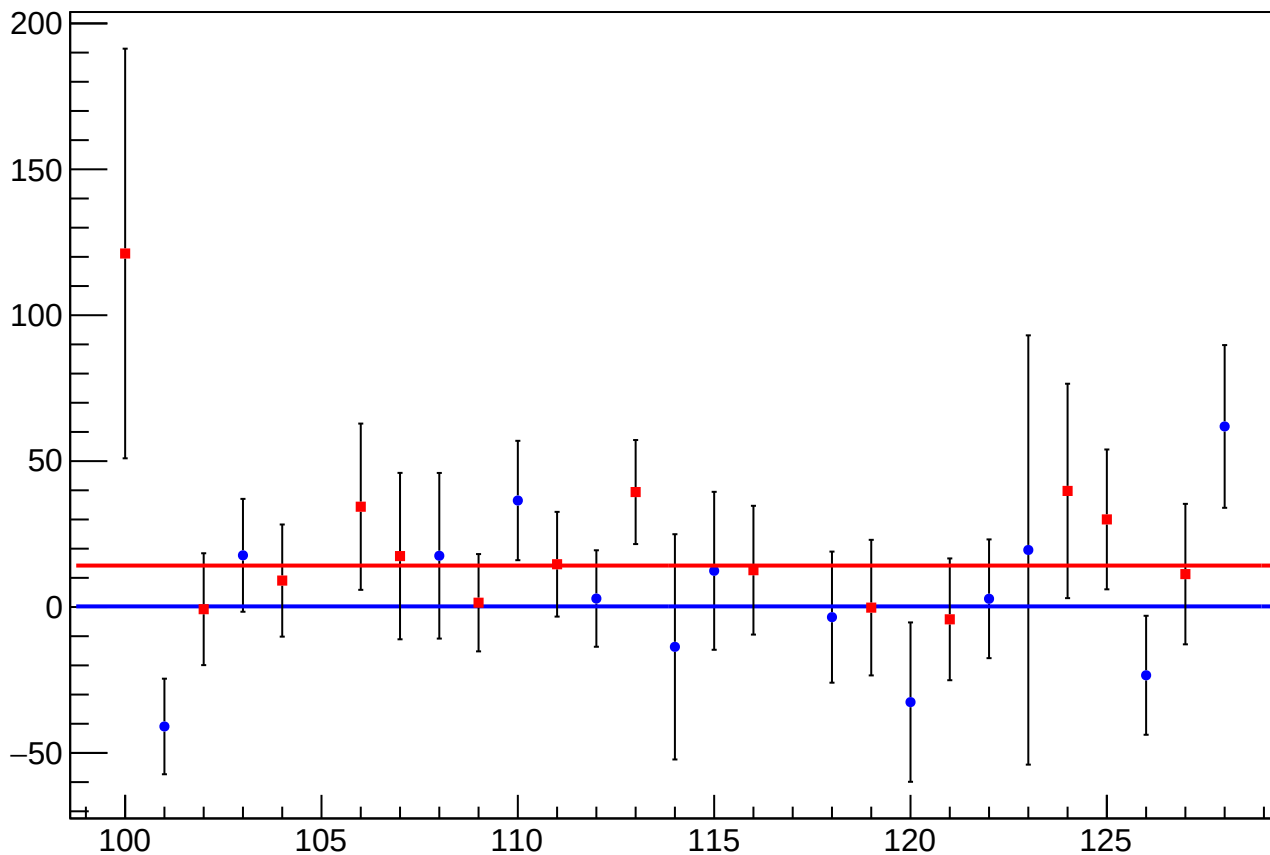
Right: 8484.808+/-1.930 χ^2/NDF : 470237.9/26

In: 8666.564+/-2.842 χ^2/NDF : 201858.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8484.808+/-1.930 χ^2/NDF : 470237.9/26

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: 0.217+/-6.281 χ^2/NDF : 18.8/12

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

Right Out: 14.210+/-5.939 χ^2/NDF : 8.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

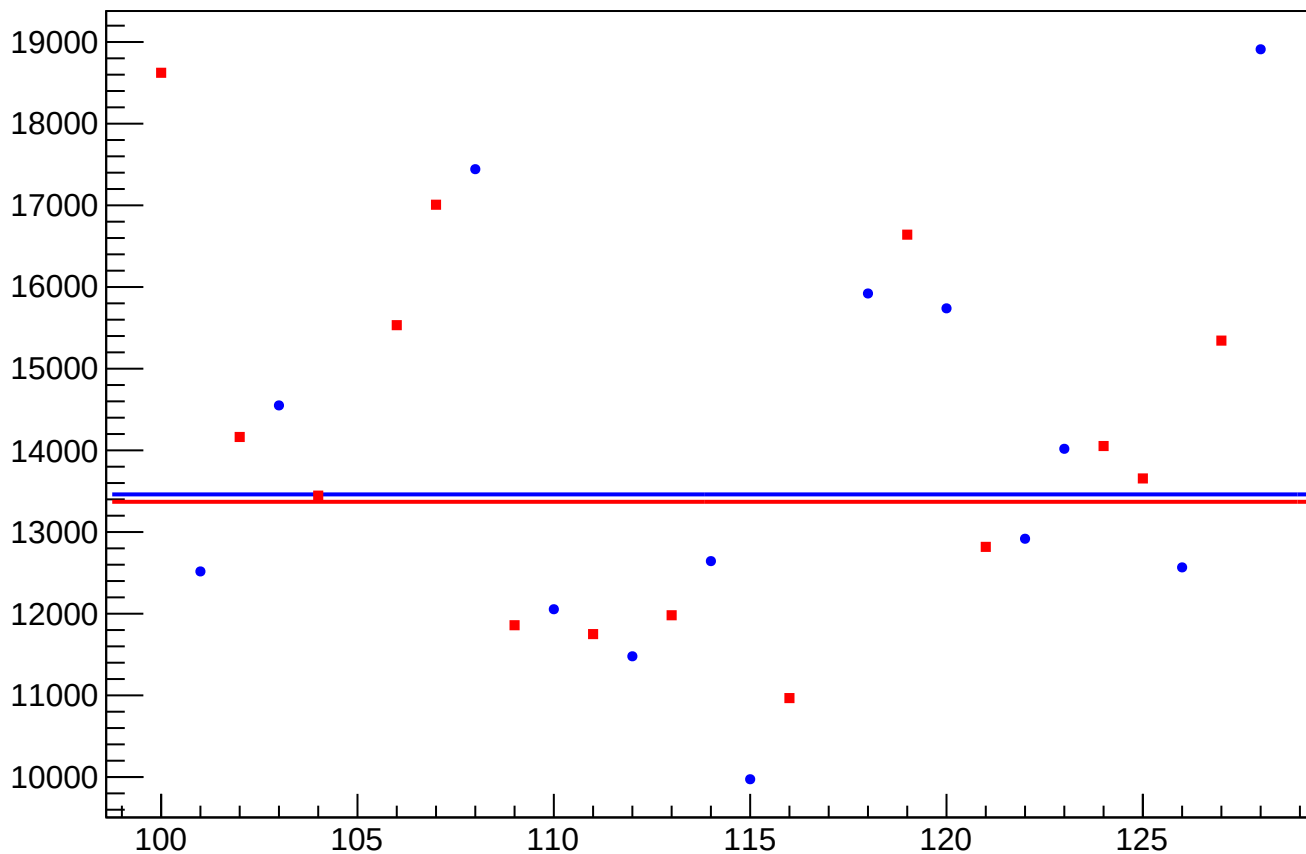
Right: 7.606+/-4.315 χ^2/NDF : 29.6/26

In: 0.217+/-6.281 χ^2/NDF : 18.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.606+/-4.315 χ^2/NDF : 29.6/26

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13460.773+/-4.442 χ^2/NDF : 244360.2/12

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

Right Out: 13370.182+/-4.199 χ^2/NDF : 182798.2/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

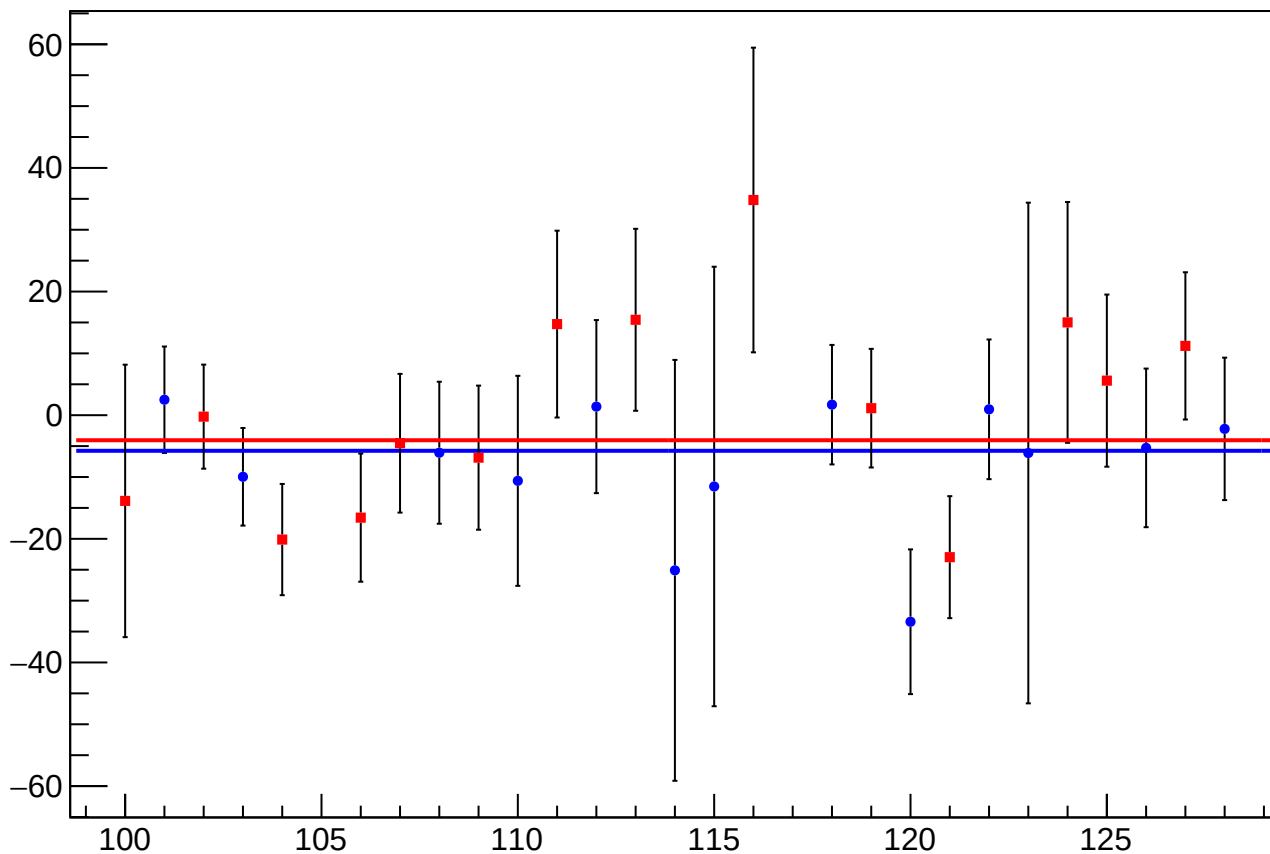
Right: 13412.938+/-3.051 χ^2/NDF : 427378.1/26

In: 13460.773+/-4.442 χ^2/NDF :244360.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13412.938+/-3.051 χ^2/NDF : 427378.1/26

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -5.759 +/- 3.383 χ^2/NDF : 8.5/12

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

Right Out: -4.052 +/- 3.166 χ^2/NDF : 17.9/13

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

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

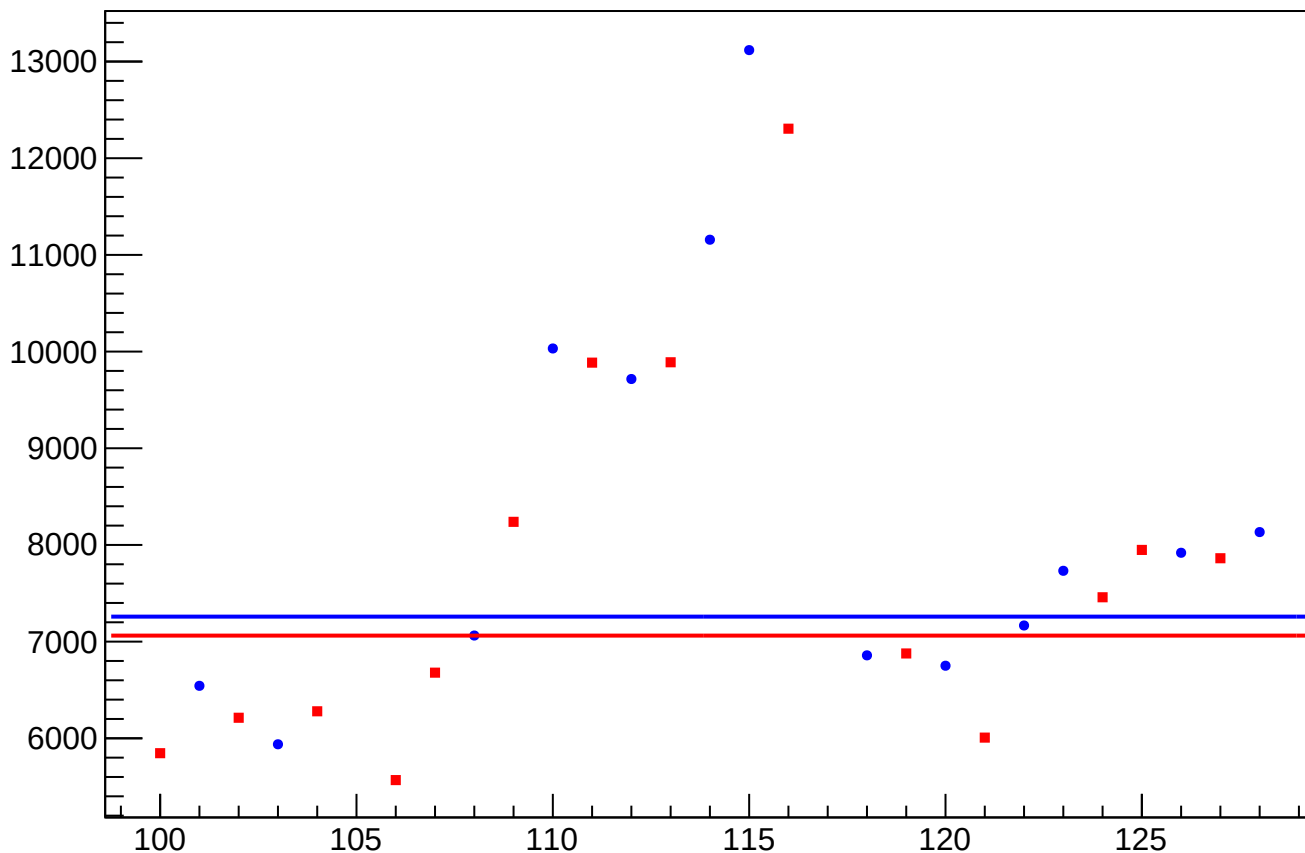
Right: -4.849 +/- 2.312 χ^2/NDF : 26.6/26

In: -5.759 +/- 3.383 χ^2/NDF : 8.5/12

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -4.849 +/- 2.312 χ^2/NDF : 26.6/26

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7258.604+/-2.392 χ^2/NDF : 290284.2/12

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

Right Out: 7062.265+/-2.239 χ^2/NDF : 381609.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

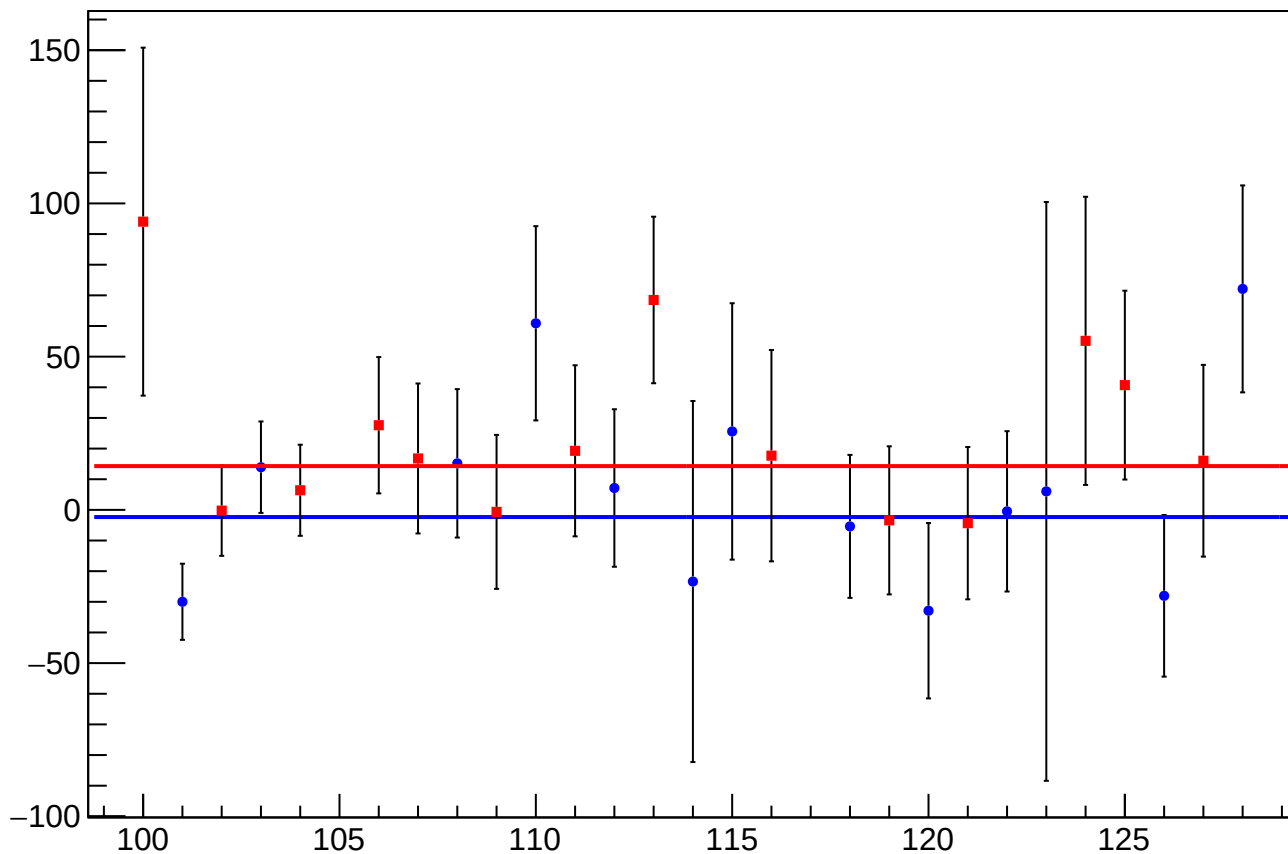
Right: 7153.957+/-1.635 χ^2/NDF : 675485.4/26

In: 7258.604+/-2.392 χ^2/NDF : 290284.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7153.957+/-1.635 χ^2/NDF : 675485.4/26

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -2.340+/-6.594 χ^2/NDF : 18.3/12

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

Right Out: 14.285+/-6.448 χ^2/NDF : 10.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

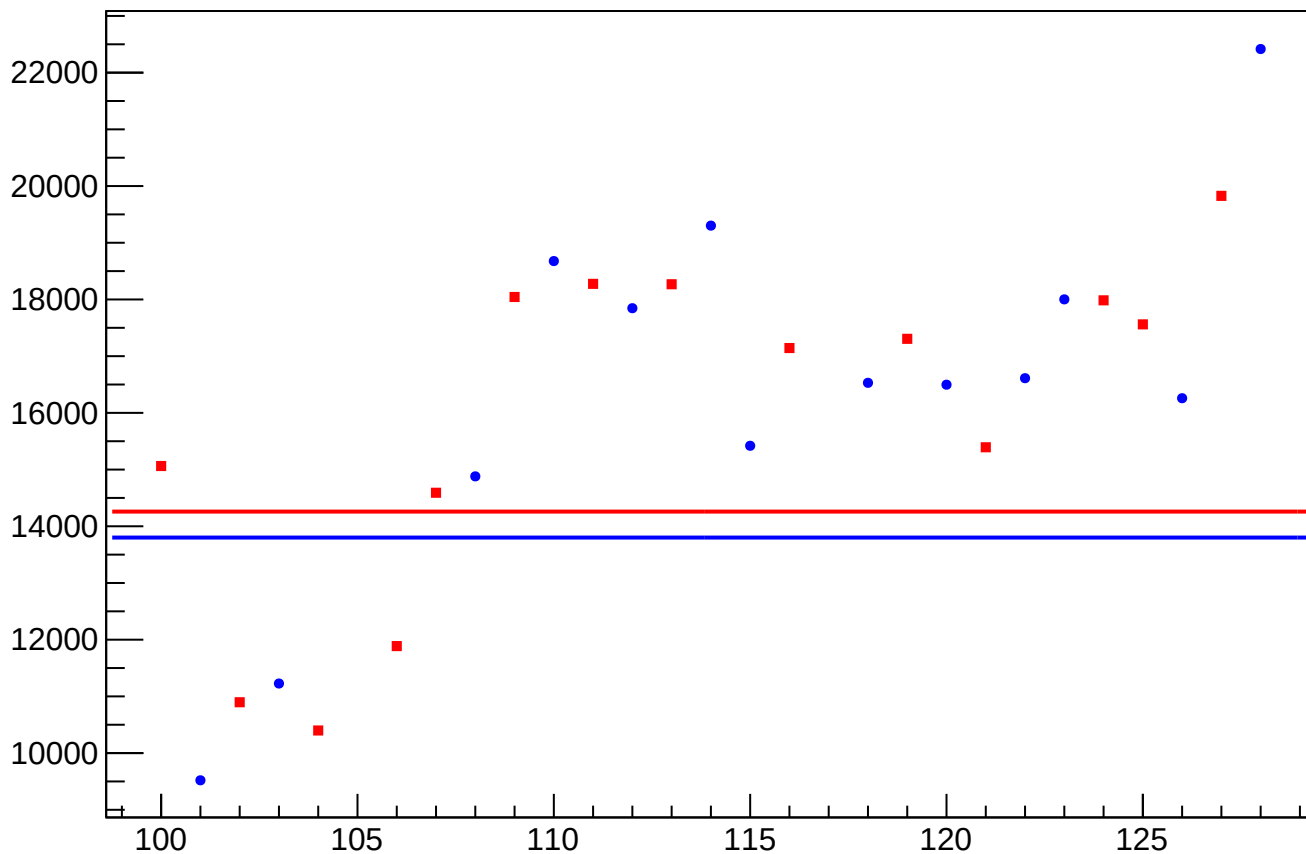
Right: 6.159+/-4.610 χ^2/NDF : 32.2/26

In: -2.340+/-6.594 χ^2/NDF : 18.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.159+/-4.610 χ^2/NDF : 32.2/26

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 13801.050+/-4.663 χ^2/NDF : 638150.2/12

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

Right Out: 14258.940+/-4.560 χ^2/NDF : 541562.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

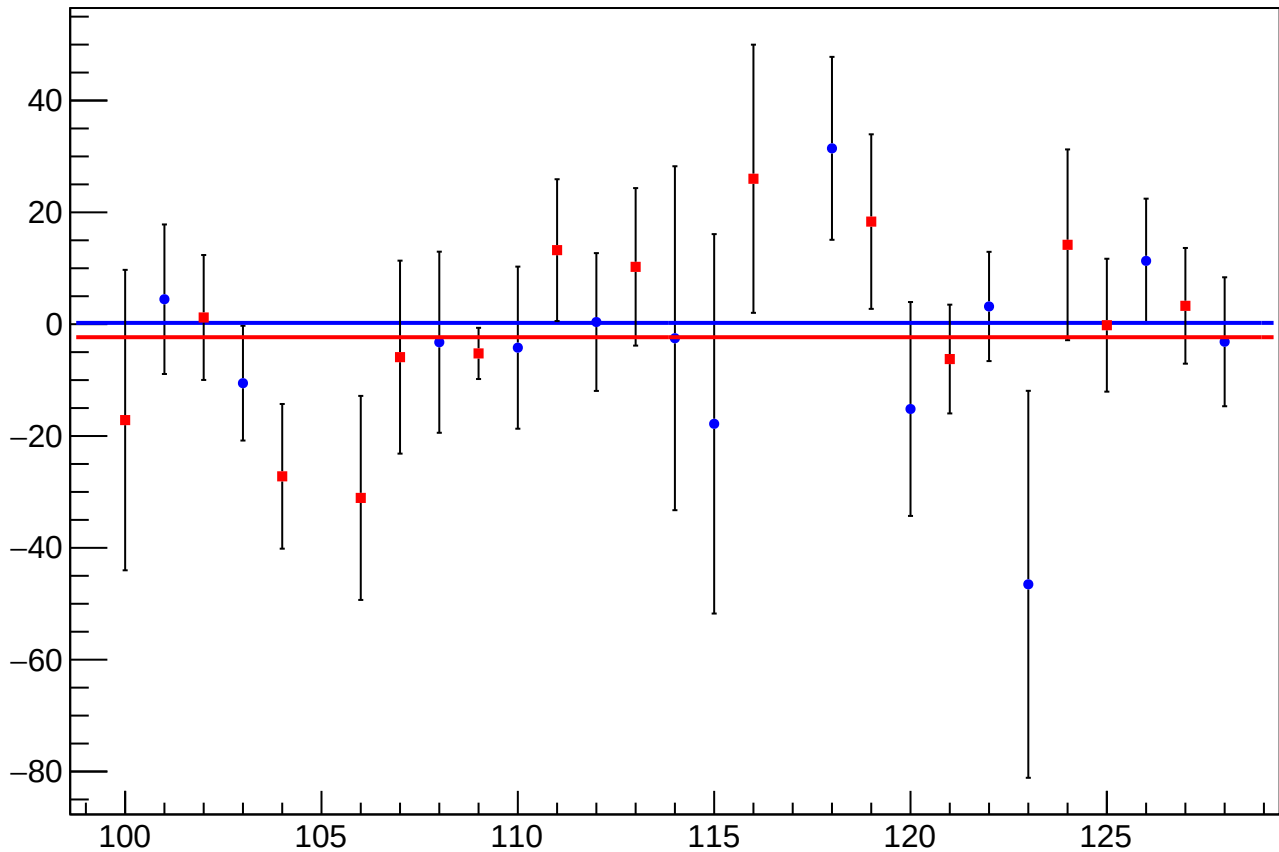
Right: 14035.125+/-3.260 χ^2/NDF : 1184642.7/26

In: 13801.050+/-4.663 χ^2/NDF : 638150.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14035.125+/-3.260 χ^2/NDF : 1184642.7/26

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.231+/-3.906 χ^2/NDF : 8.9/12

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

Right Out: -2.330+/-2.924 χ^2/NDF : 13.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

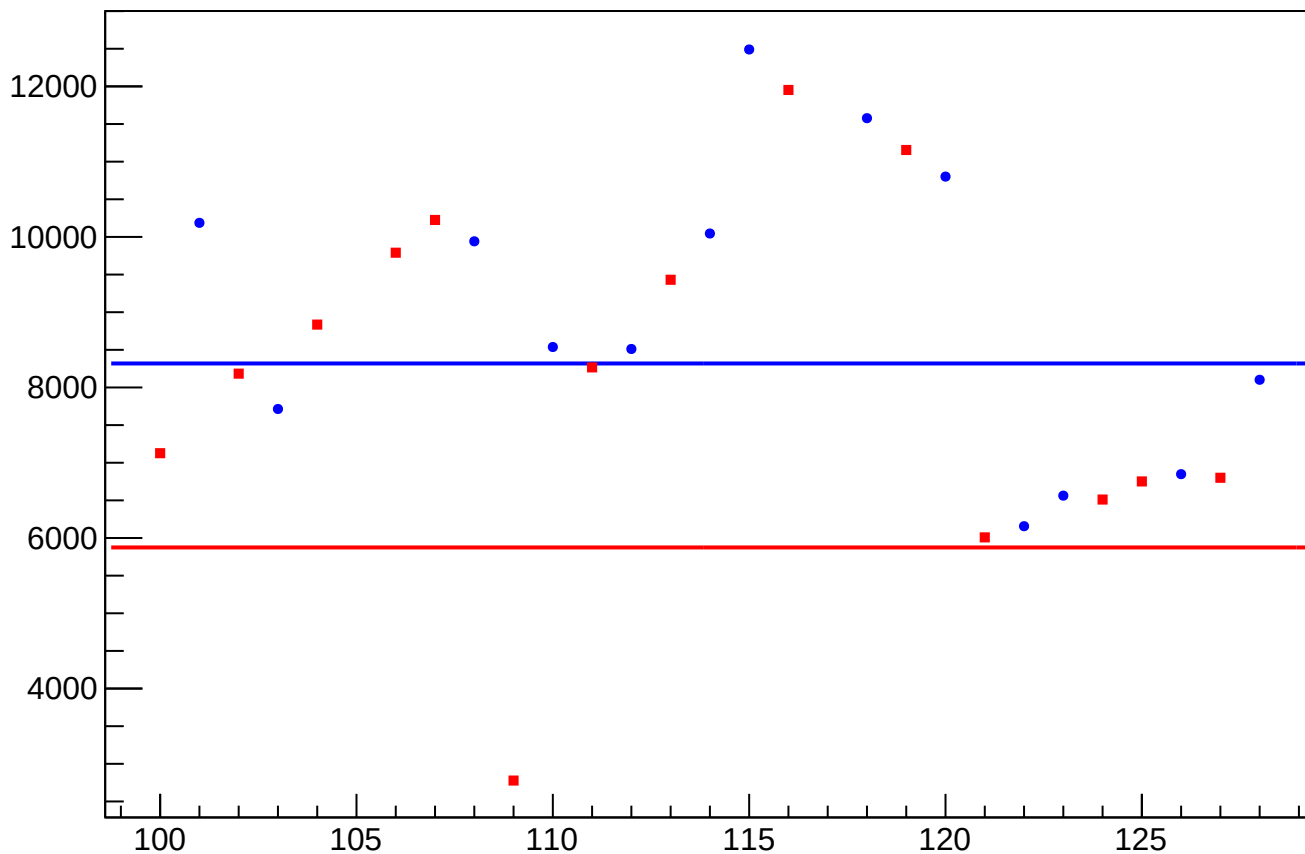
Right: -1.410+/-2.341 χ^2/NDF : 23.1/26

In: 0.231+/-3.906 χ^2/NDF : 8.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.410+/-2.341 χ^2/NDF : 23.1/26

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8318.825+/-2.762 χ^2/NDF : 355351.6/12

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

Right Out: 5874.637+/-2.067 χ^2/NDF : 1915282.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

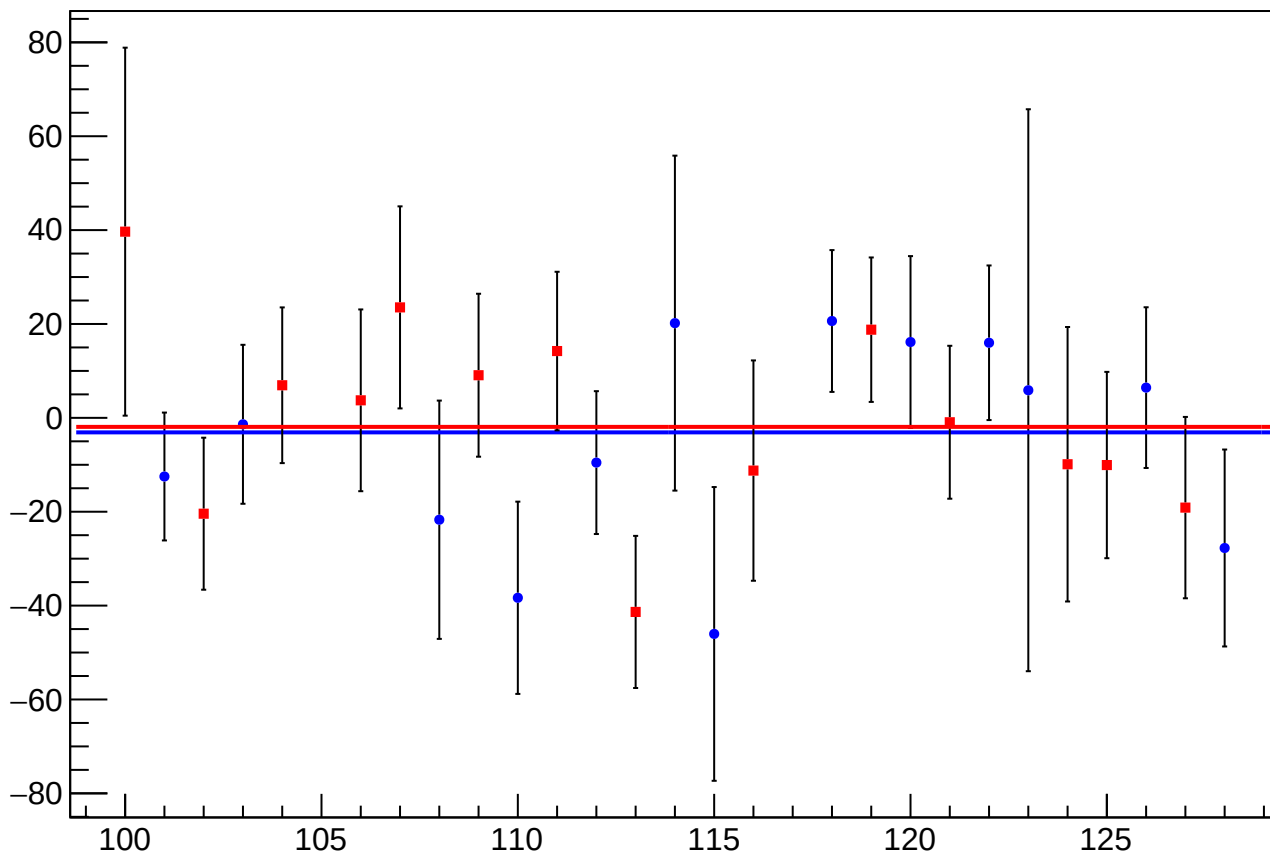
Right: 6752.384+/-1.655 χ^2/NDF : 2772605.1/26

In: 8318.825+/-2.762 χ^2/NDF : 355351.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6752.384+/-1.655 χ^2/NDF : 2772605.1/26

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -3.095+/-5.274 χ^2/NDF : 13.1/12

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

Right Out: -1.922+/-5.016 χ^2/NDF : 14.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

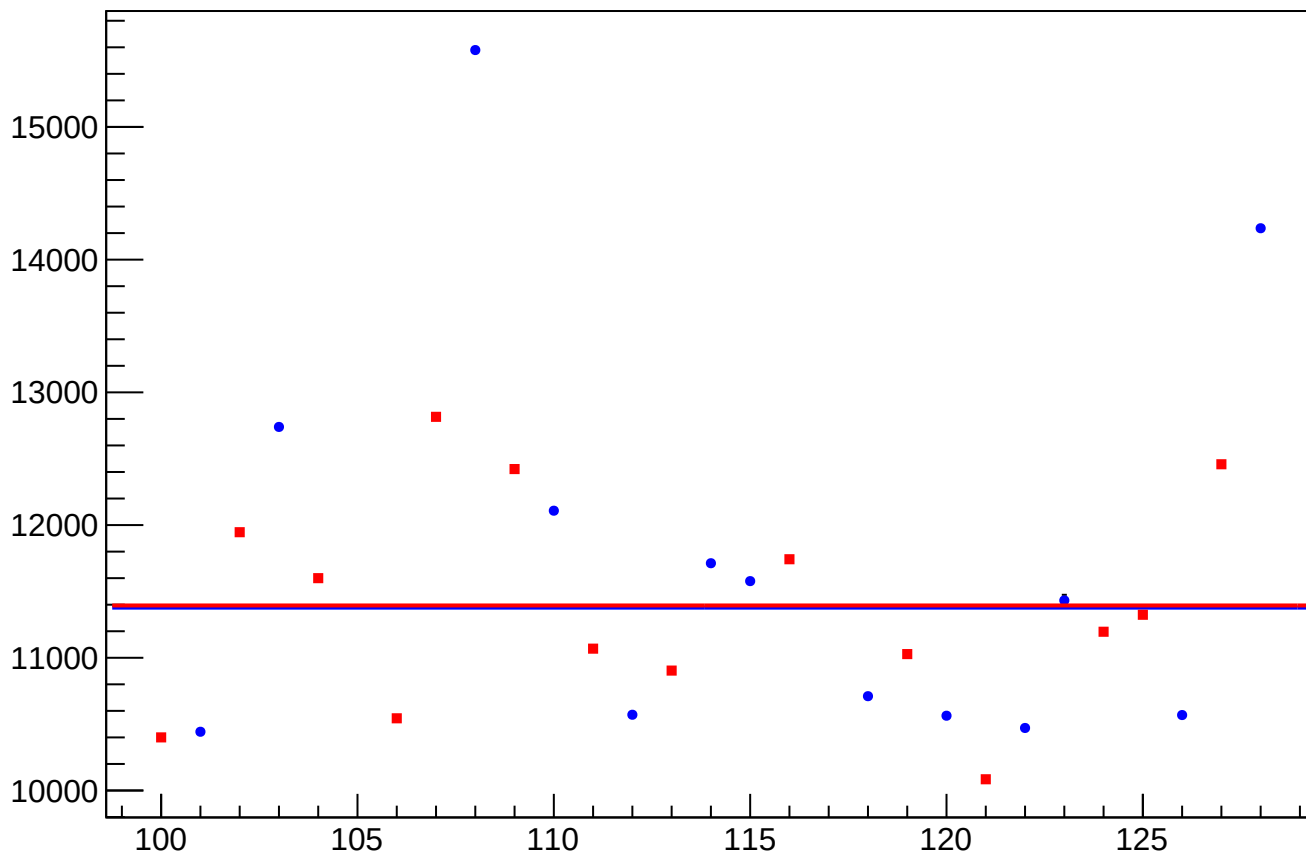
Right: -2.479+/-3.634 χ^2/NDF : 27.6/26

In: -3.095+/-5.274 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.479+/-3.634 χ^2/NDF : 27.6/26

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11377.959+/-3.729 χ^2/NDF : 141107.0/12

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

Right Out: 11394.222+/-3.547 χ^2/NDF : 46766.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

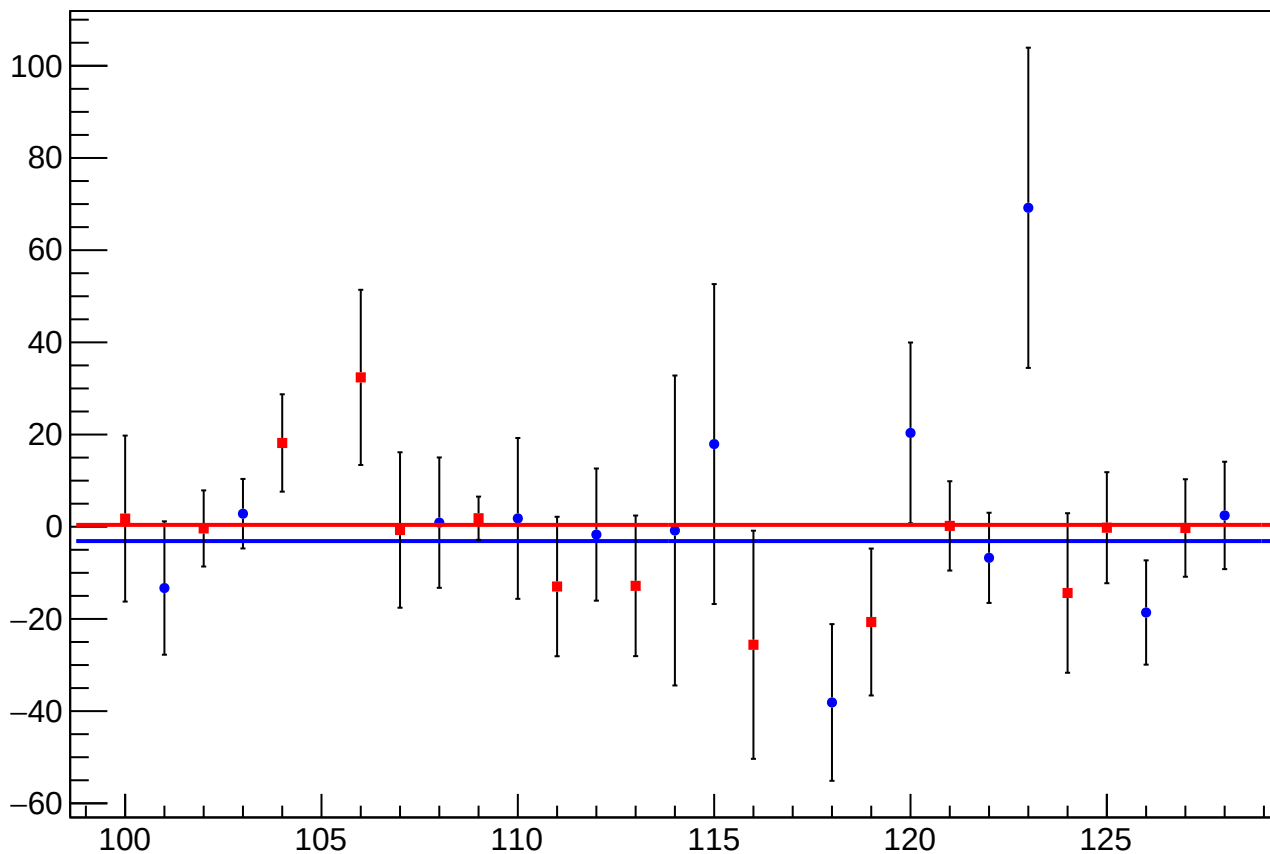
Right: 11386.499+/-2.570 χ^2/NDF : 187883.8/26

In: 11377.959+/-3.729 χ^2/NDF : 141107.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11386.499+/-2.570 χ^2/NDF : 187883.8/26

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -3.109 ± 3.786 χ^2/NDF : 13.9/12

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

Right Out: 0.403 ± 2.856 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

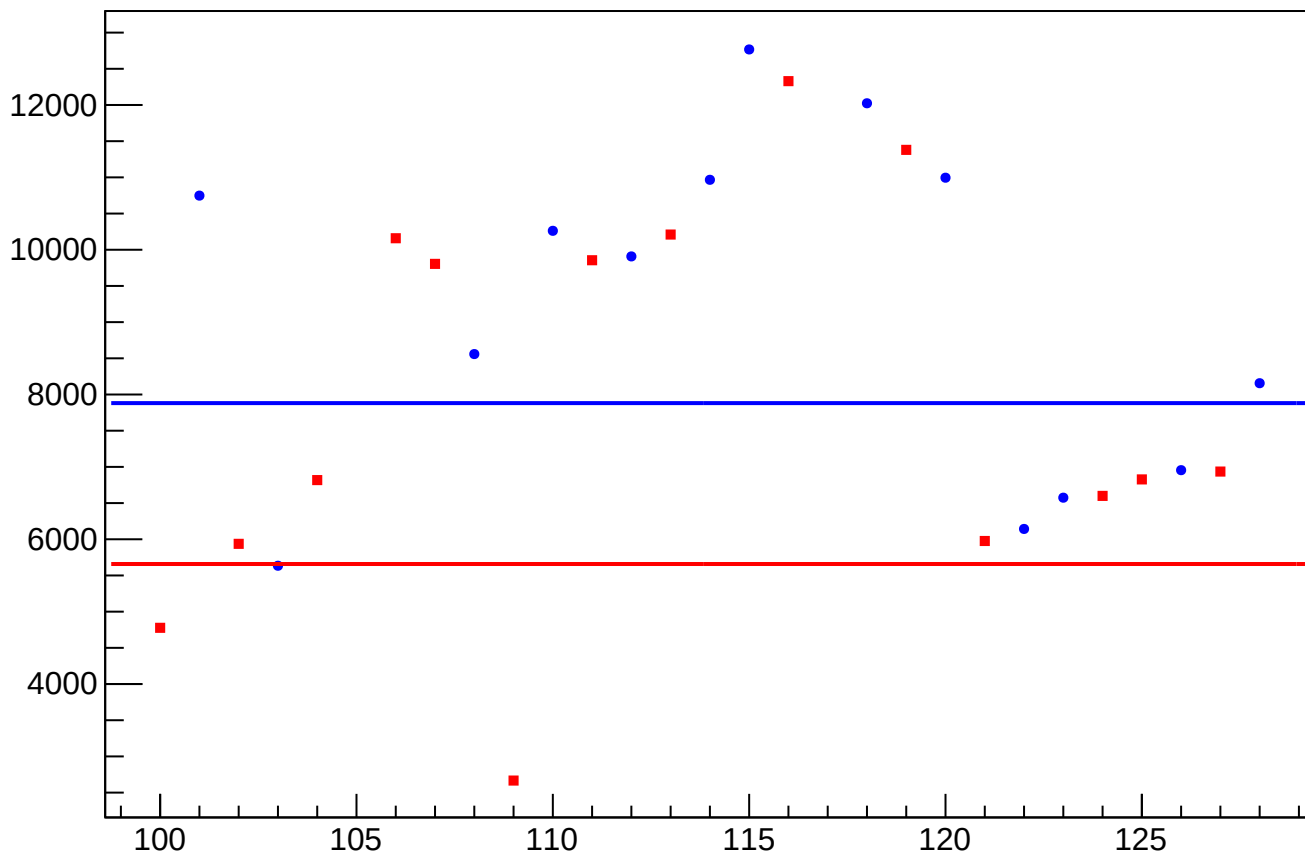
Right: -0.871 ± 2.280 χ^2/NDF : 25.4/26

In: -3.109 ± 3.786 χ^2/NDF : 13.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.871 ± 2.280 χ^2/NDF : 25.4/26

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 7881.213+/-2.677 χ^2/NDF : 644210.1/12

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

Right Out: 5658.319+/-2.020 χ^2/NDF : 1870327.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

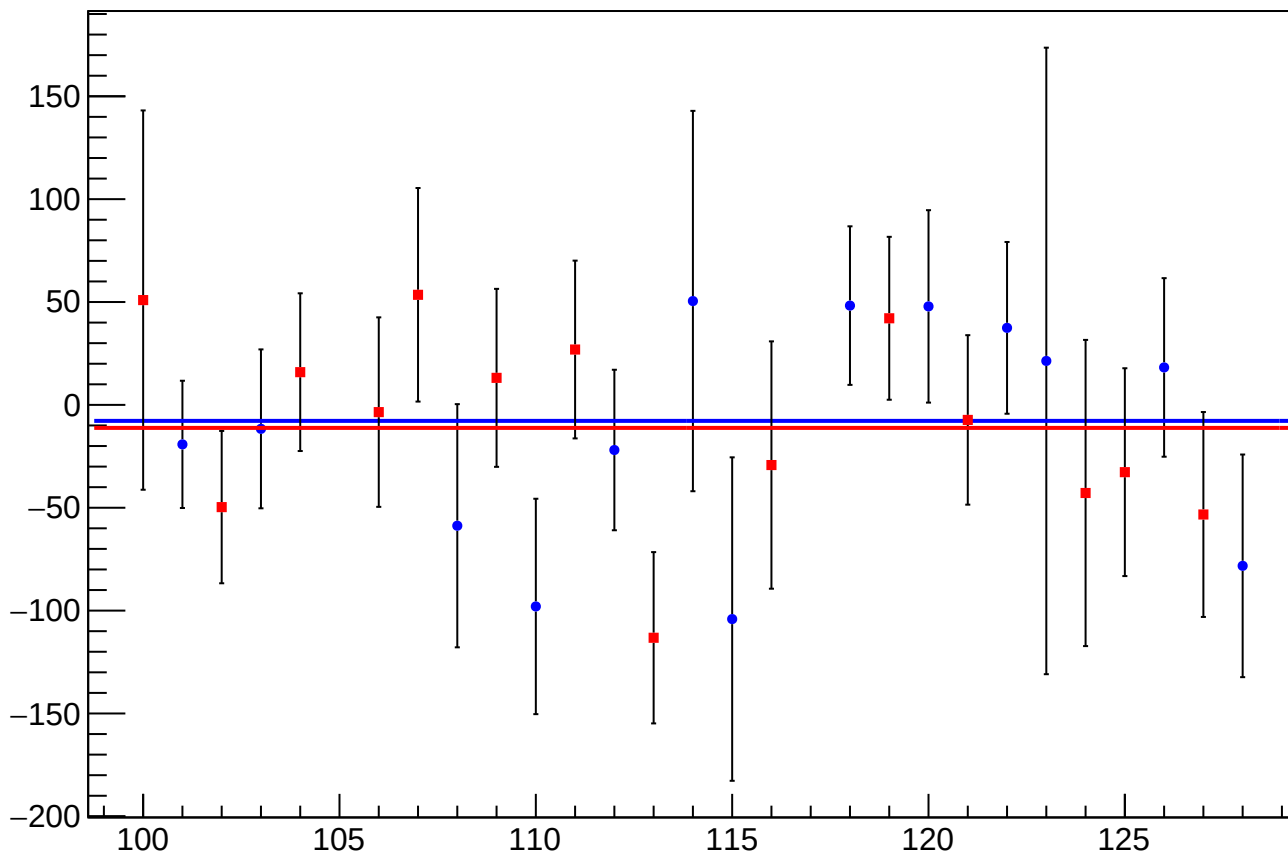
Right: 6464.607+/-1.612 χ^2/NDF : 2953875.2/26

In: 7881.213+/-2.677 χ^2/NDF : 644210.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6464.607+/-1.612 χ^2/NDF : 2953875.2/26

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -7.776+/-12.994 χ^2/NDF : 12.7/12

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

Right Out: -11.187+/-12.406 χ^2/NDF : 13.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

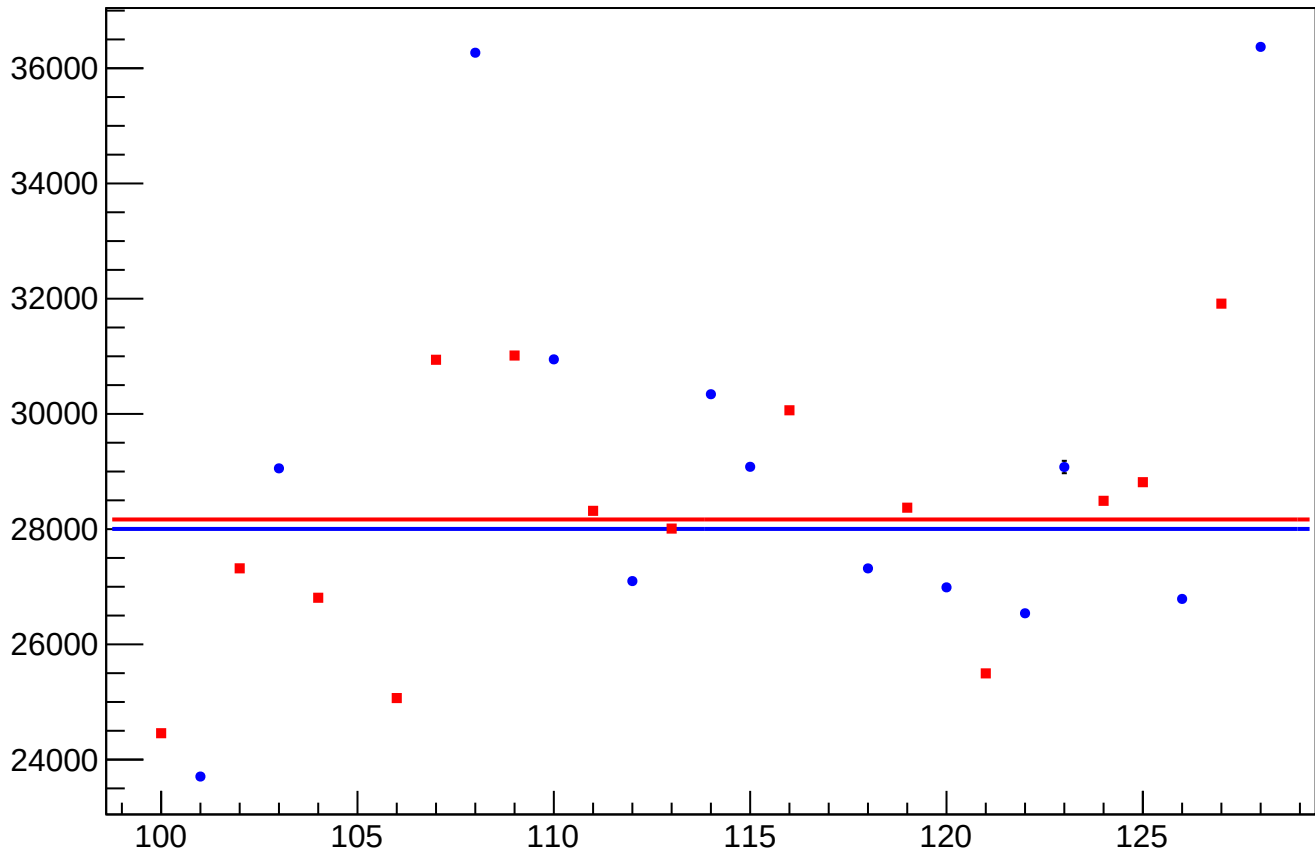
Right: -9.560+/-8.973 χ^2/NDF : 26.4/26

In: -7.776+/-12.994 χ^2/NDF : 12.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.560+/-8.973 χ^2/NDF : 26.4/26

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 28003.538+/-9.188 χ^2/NDF : 141787.6/12

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

Right Out: 28167.895+/-8.773 χ^2/NDF : 52408.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

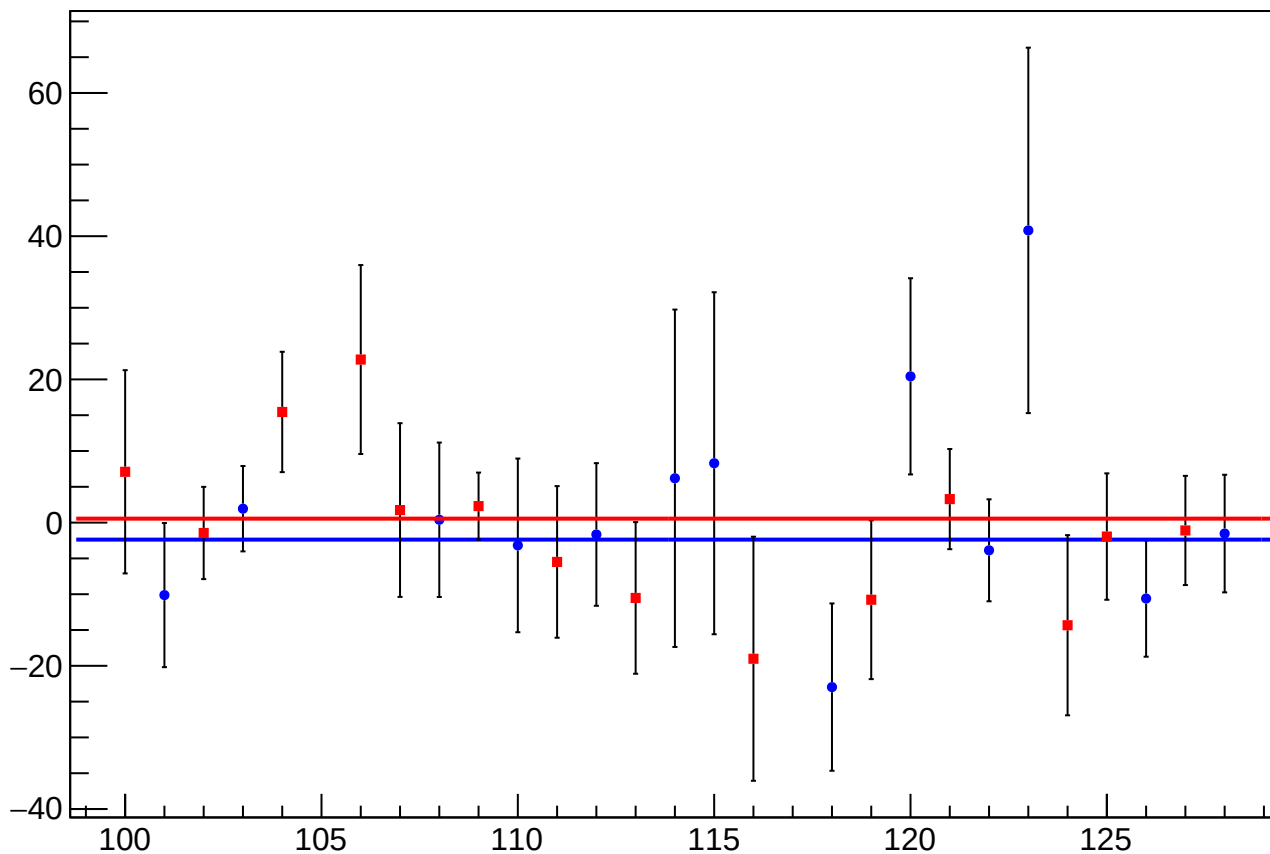
Right: 28089.516+/-6.345 χ^2/NDF : 194363.1/26

In: 28003.538+/-9.188 χ^2/NDF : 141787.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28089.516+/-6.345 χ^2/NDF : 194363.1/26

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -2.375 ± 2.764 χ^2/NDF : 11.3/12

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

Right Out: 0.554 ± 2.309 χ^2/NDF : 11.9/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

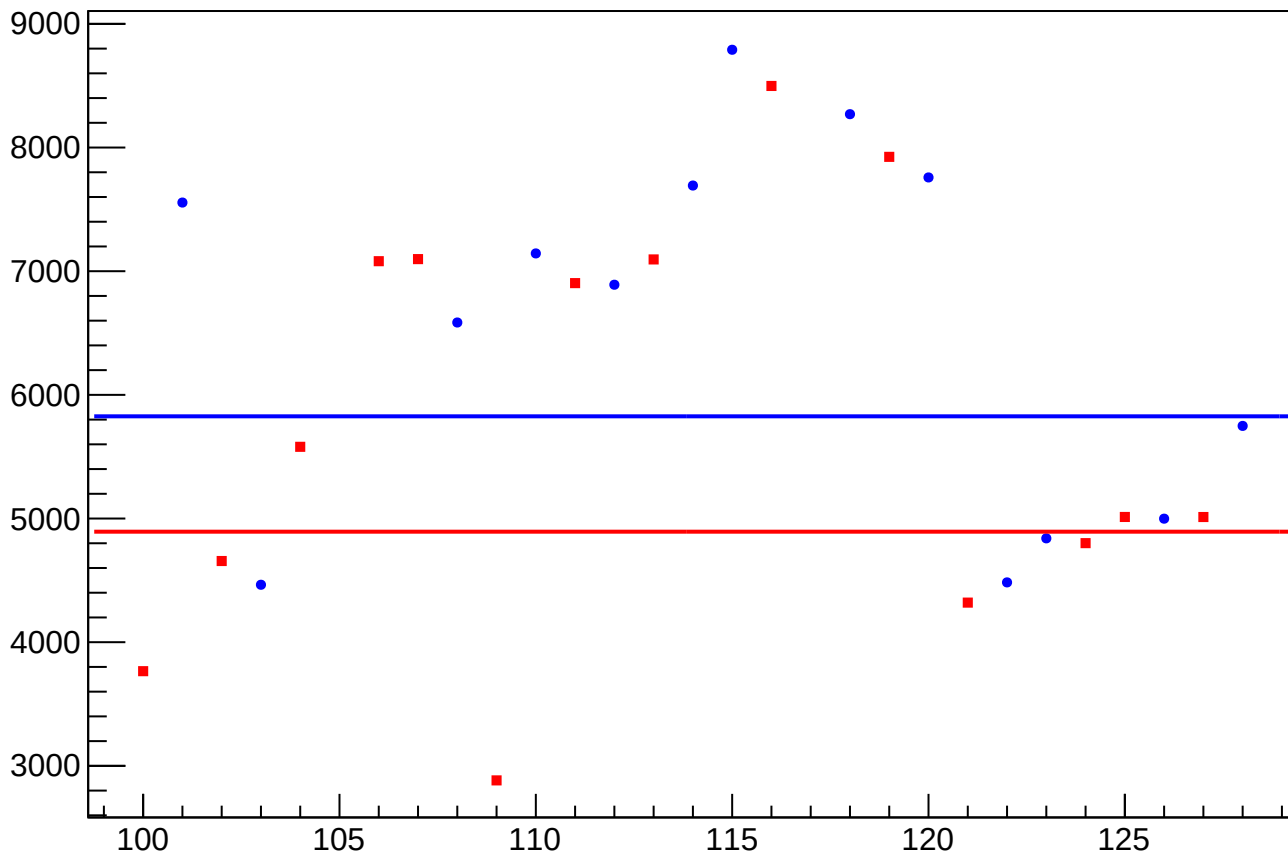
Right: -0.650 ± 1.772 χ^2/NDF : 23.9/26

In: -2.375 ± 2.764 χ^2/NDF : 11.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.650 ± 1.772 χ^2/NDF : 23.9/26

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5826.504+/-1.954 χ^2/NDF : 485376.2/12

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

Right Out: 4893.627+/-1.632 χ^2/NDF : 930825.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

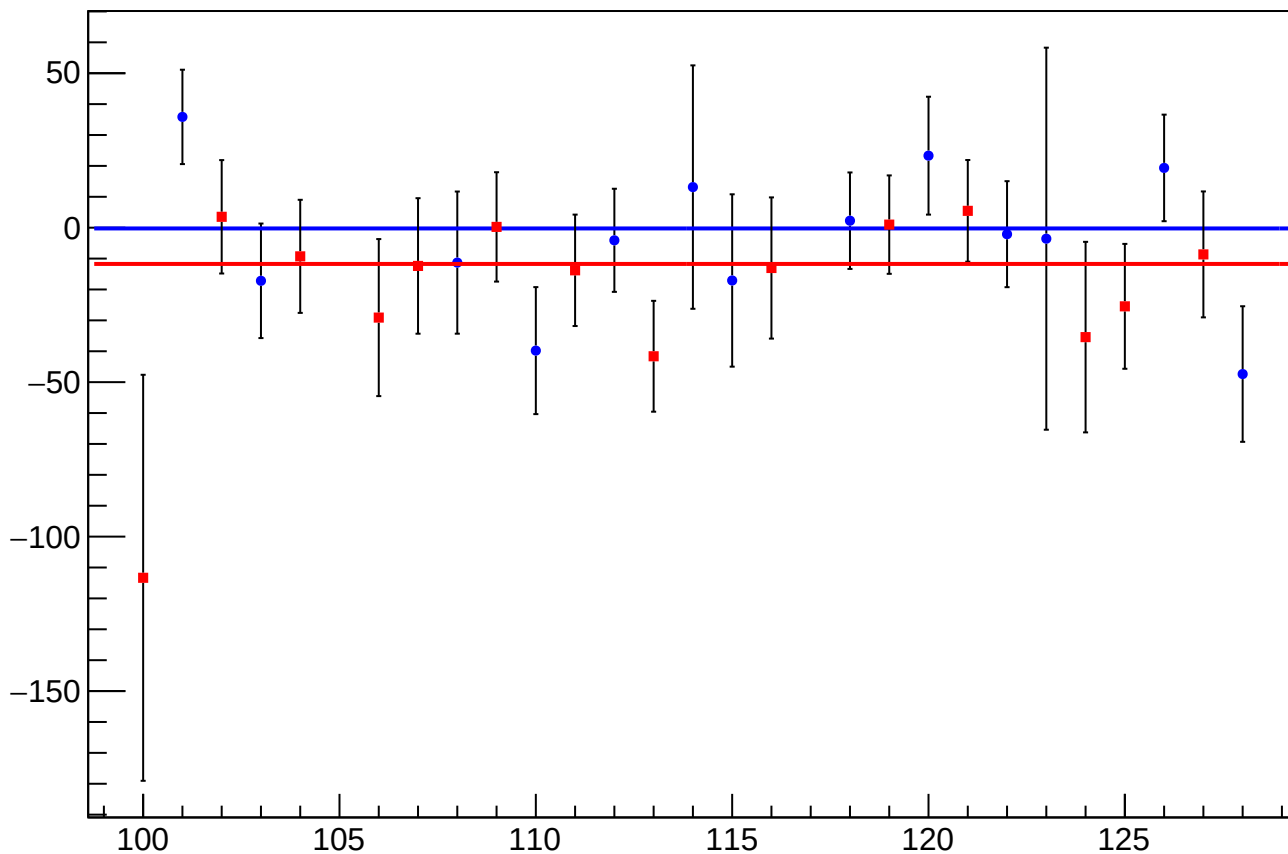
Right: 5277.067+/-1.253 χ^2/NDF : 1550422.9/26

In: 5826.504+/-1.954 χ^2/NDF : 485376.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5277.067+/-1.253 χ^2/NDF : 1550422.9/26

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.247 ± 5.512 χ^2/NDF : 18.4/12

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

Right Out: -11.734 ± 5.373 χ^2/NDF : 9.6/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

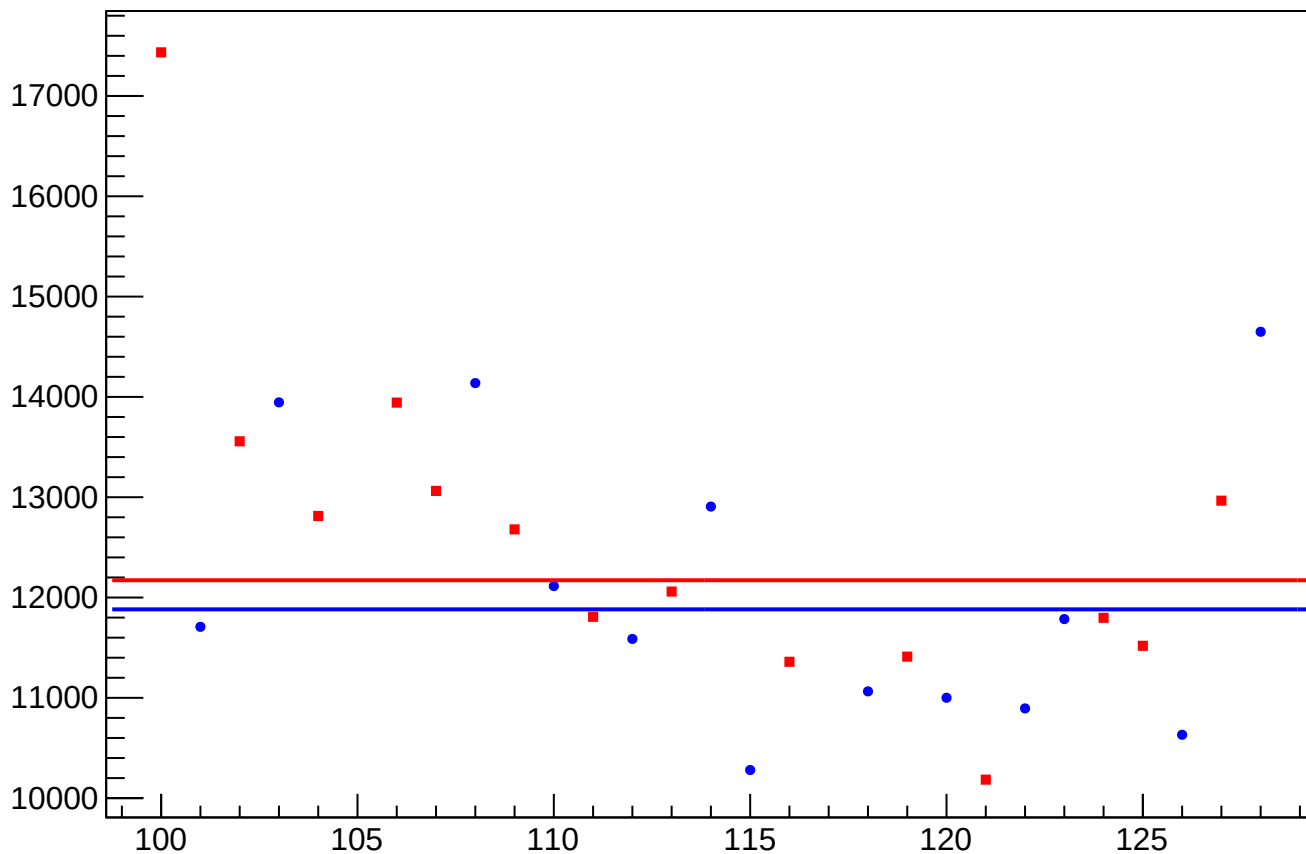
Right: -6.137 ± 3.847 χ^2/NDF : 30.2/26

In: -0.247 ± 5.512 χ^2/NDF : 18.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.137 ± 3.847 χ^2/NDF : 30.2/26

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 11882.153+/-3.897 χ^2/NDF : 111788.0/12

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

Right Out: 12172.326+/-3.799 χ^2/NDF : 83920.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

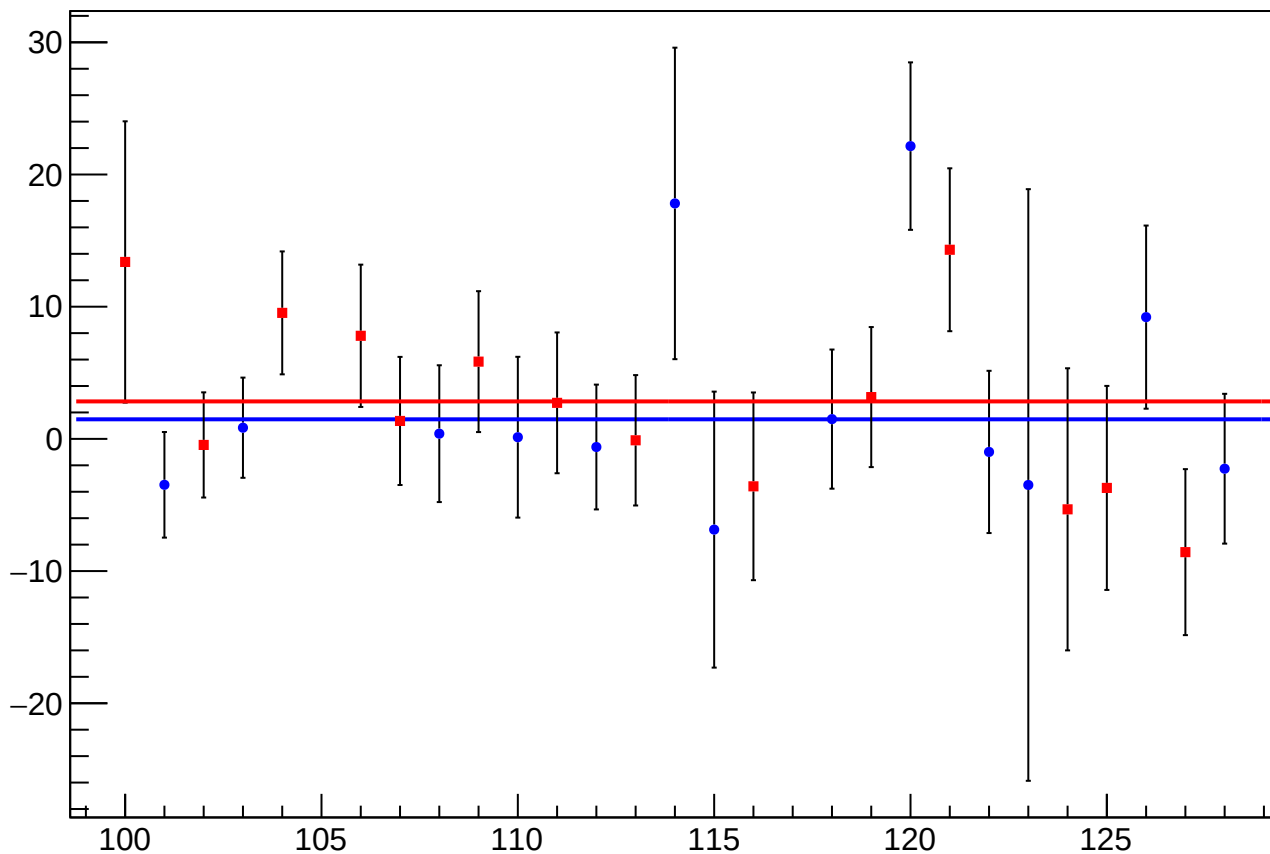
Right: 12030.941+/-2.720 χ^2/NDF : 198550.8/26

In: 11882.153+/-3.897 χ^2/NDF : 111788.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12030.941+/-2.720 χ^2/NDF : 198550.8/26

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 1.480+/-1.582 χ^2/NDF : 17.0/12

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

Right Out: 2.835+/-1.508 χ^2/NDF : 14.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

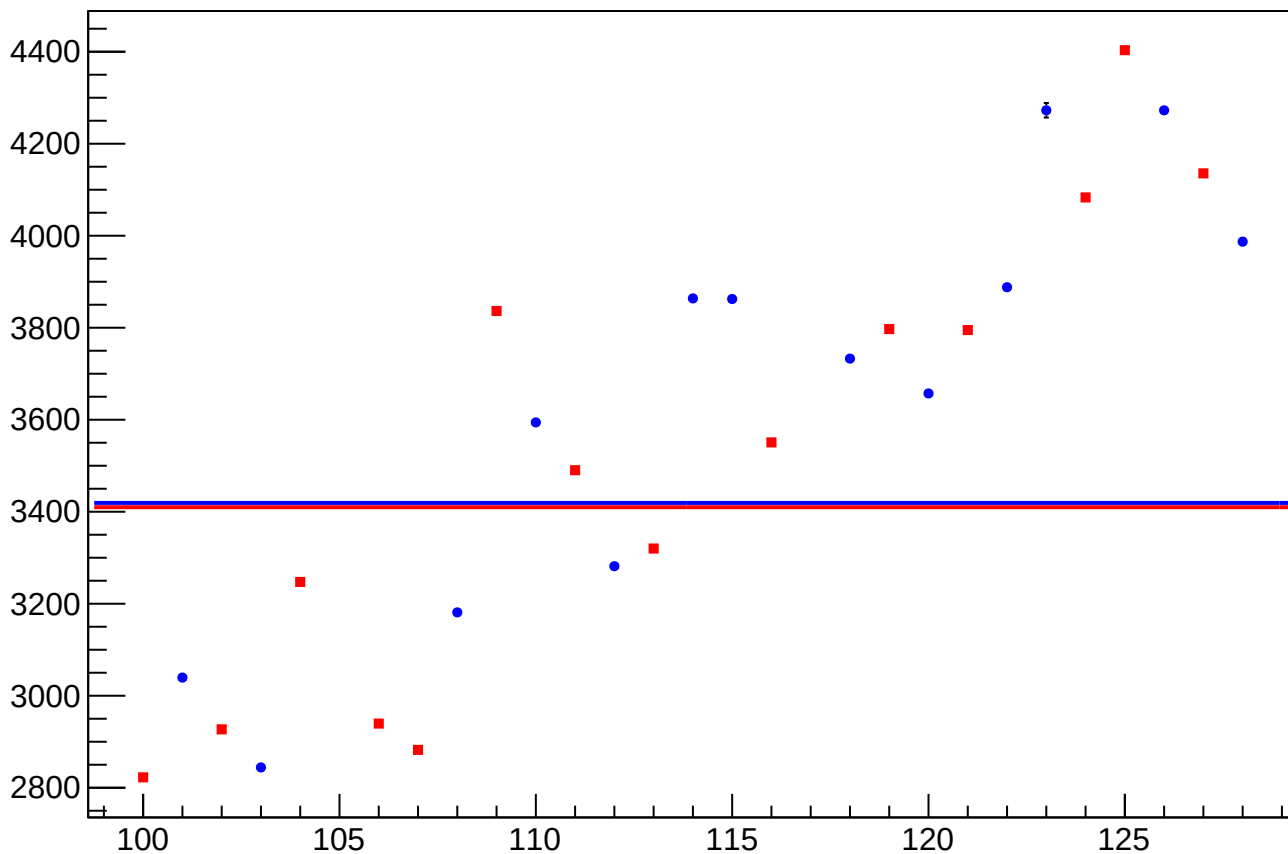
Right: 2.190+/-1.092 χ^2/NDF : 31.6/26

In: 1.480+/-1.582 χ^2/NDF : 17.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.190+/-1.092 χ^2/NDF : 31.6/26

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3419.188+/-1.119 χ^2/NDF : 153108.7/12

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

Right Out: 3409.835+/-1.066 χ^2/NDF : 178017.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

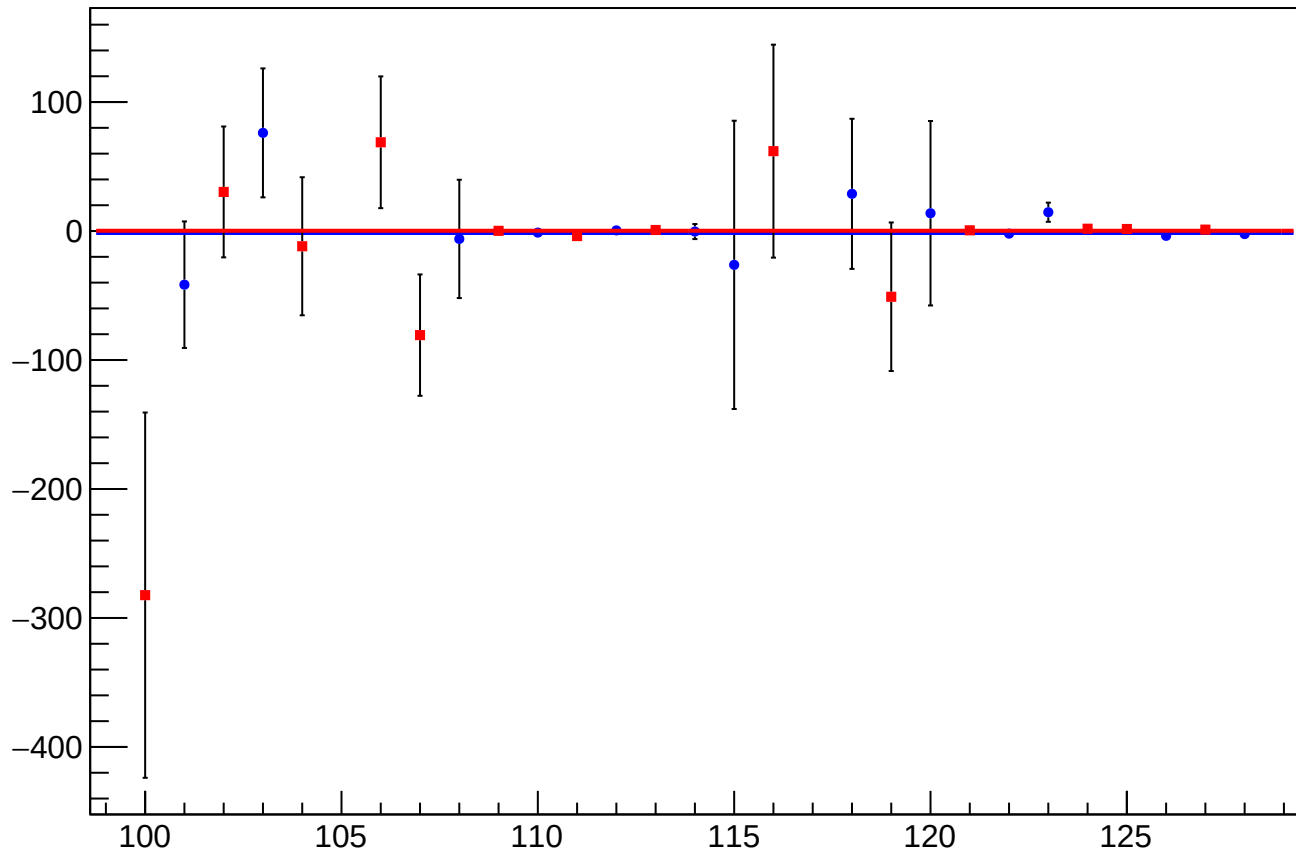
Right: 3414.287+/-0.772 χ^2/NDF : 331162.4/26

In: 3419.188+/-1.119 χ^2/NDF : 153108.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3414.287+/-0.772 χ^2/NDF : 331162.4/26

diff_bpm1p02bX_mean vs Slug, Sign Corrected



Right In: -1.500+/-1.066 χ^2/NDF : 9.9/12

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

Right Out: 0.226+/-0.926 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

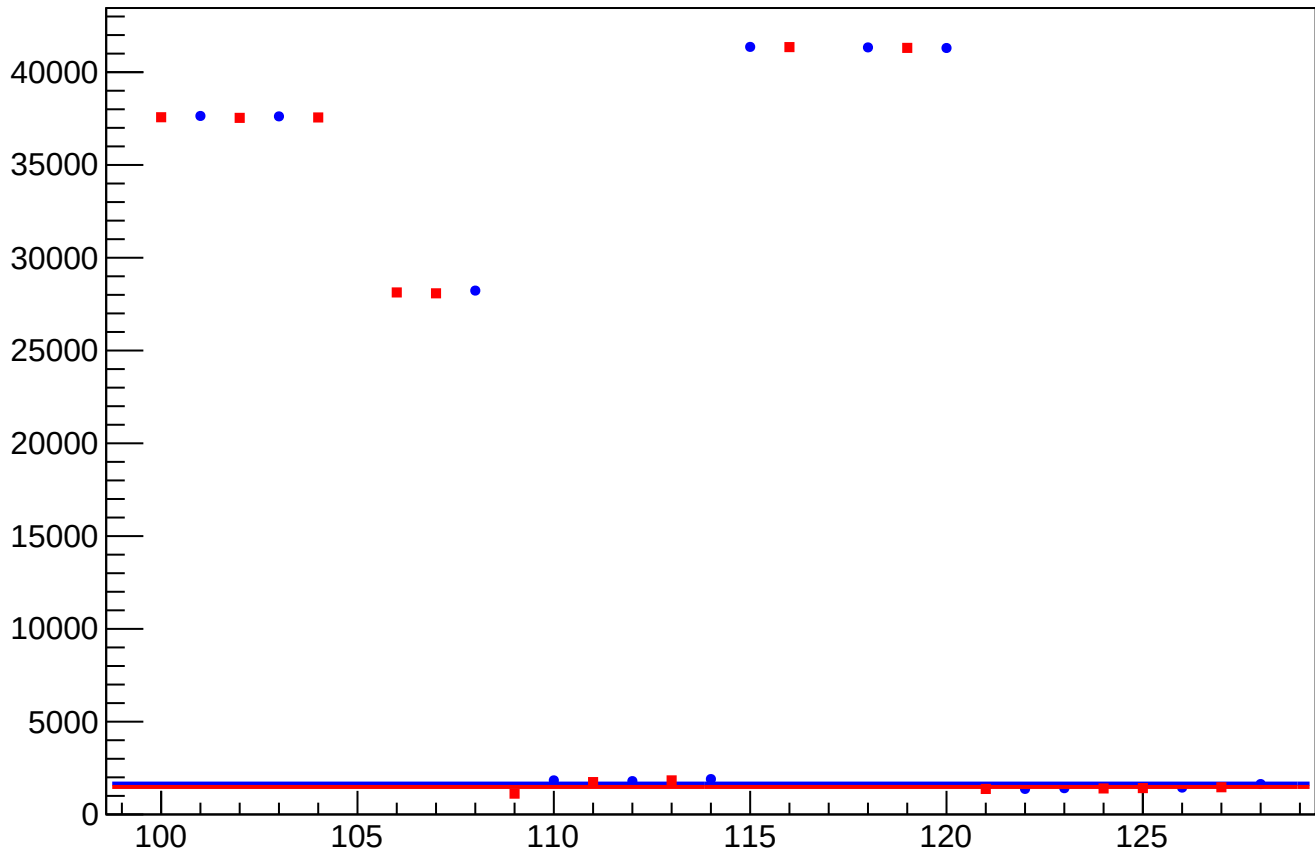
Right: -0.516+/-0.699 χ^2/NDF : 24.9/26

In: -1.500+/-1.066 χ^2/NDF : 9.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.516+/-0.699 χ^2/NDF : 24.9/26

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 1663.738+/-0.754 χ^2/NDF : 4648118.9/12

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

Right Out: 1482.177+/-0.655 χ^2/NDF : 4800568.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

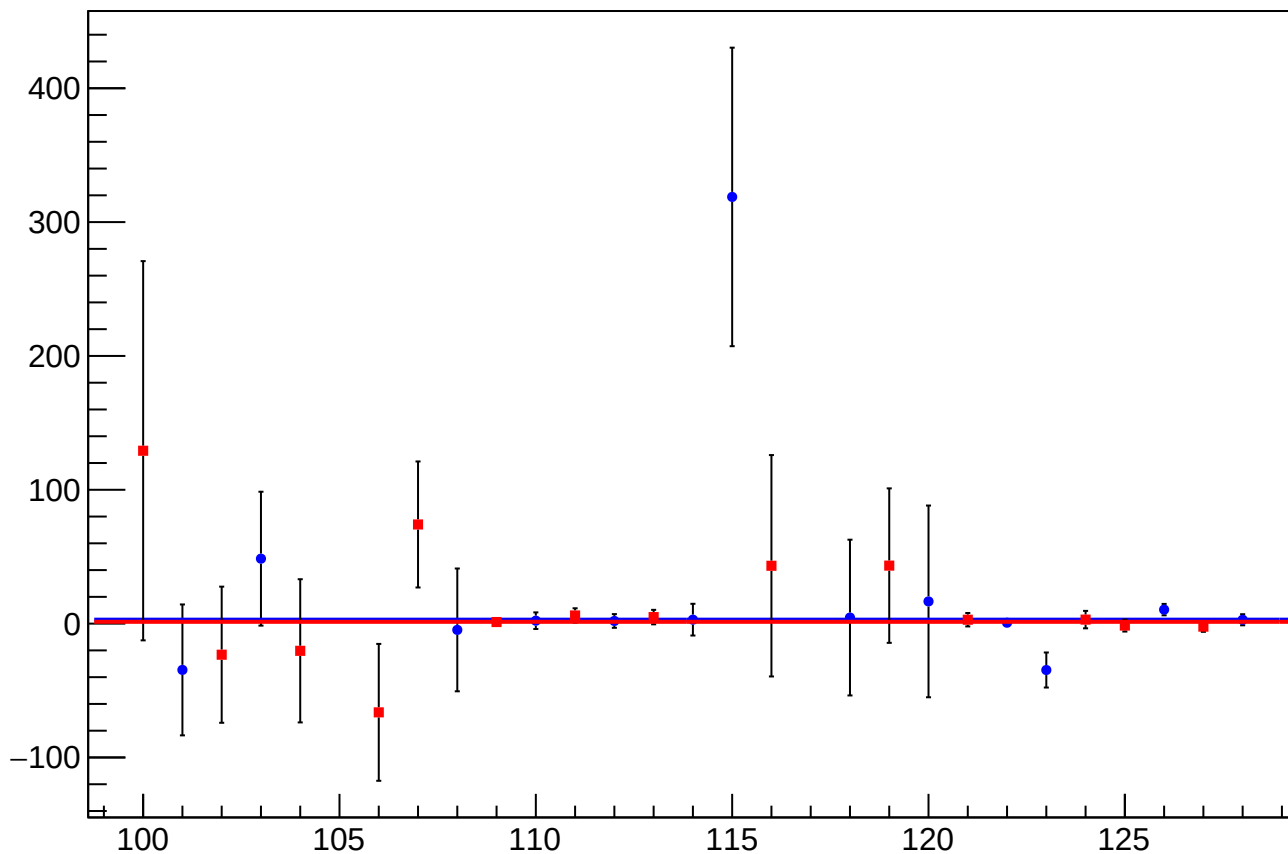
Right: 1560.230+/-0.494 χ^2/NDF : 9481769.7/26

In: 1663.738+/-0.754 χ^2/NDF :4648118.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1560.230+/-0.494 χ^2/NDF : 9481769.7/26

diff_bpm1p02bY_mean vs Slug, Sign Corrected



Right In: 2.961+/-1.951 χ^2/NDF : 21.3/12

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

Right Out: 1.352+/-1.603 χ^2/NDF : 8.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

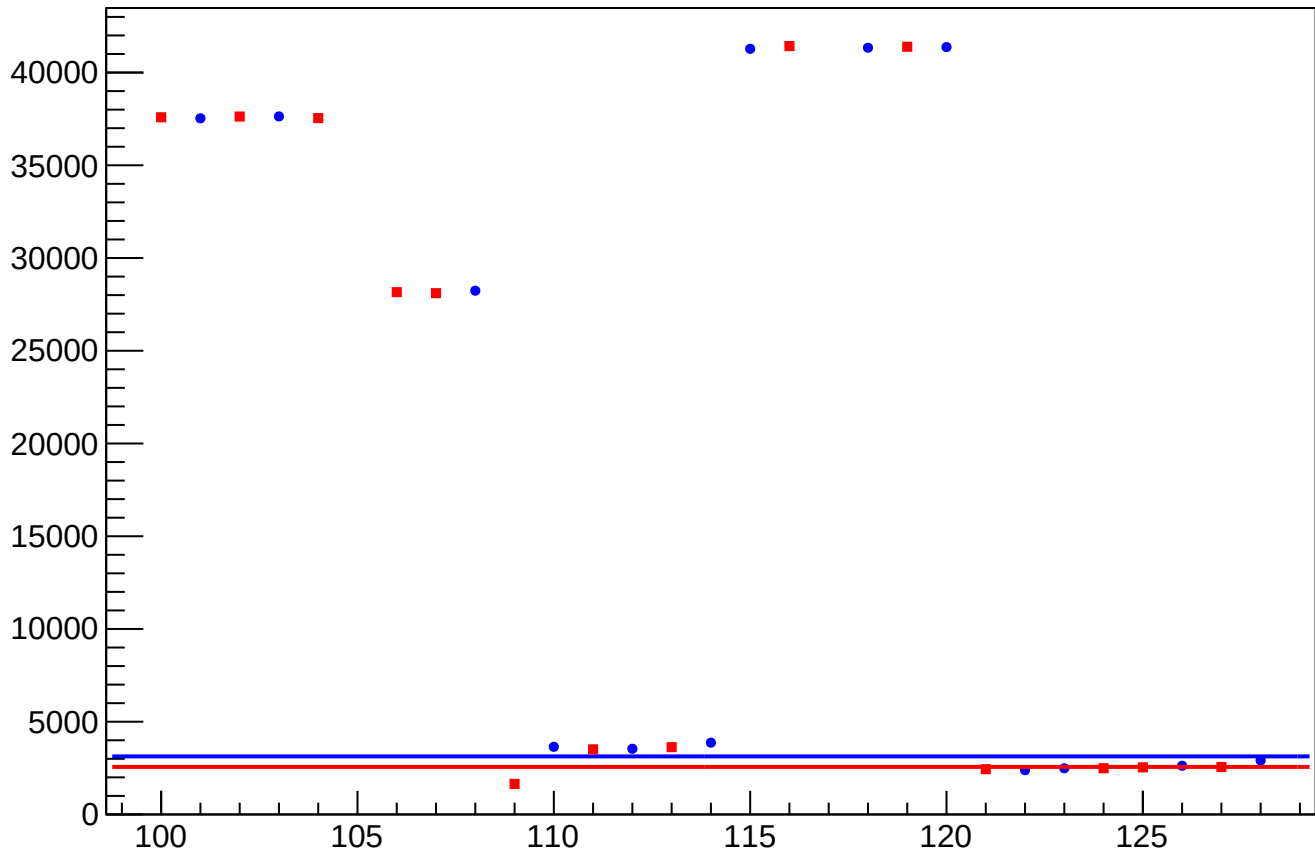
Right: 2.000+/-1.239 χ^2/NDF : 30.4/26

In: 2.961+/-1.951 χ^2/NDF : 21.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.000+/-1.239 χ^2/NDF : 30.4/26

diff_bpm1p02bY_rms vs Slug, Sign Corrected



Right In: 3130.087+/-1.380 χ^2/NDF : 4357189.1/12

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

Right Out: 2563.533+/-1.133 χ^2/NDF : 4739293.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

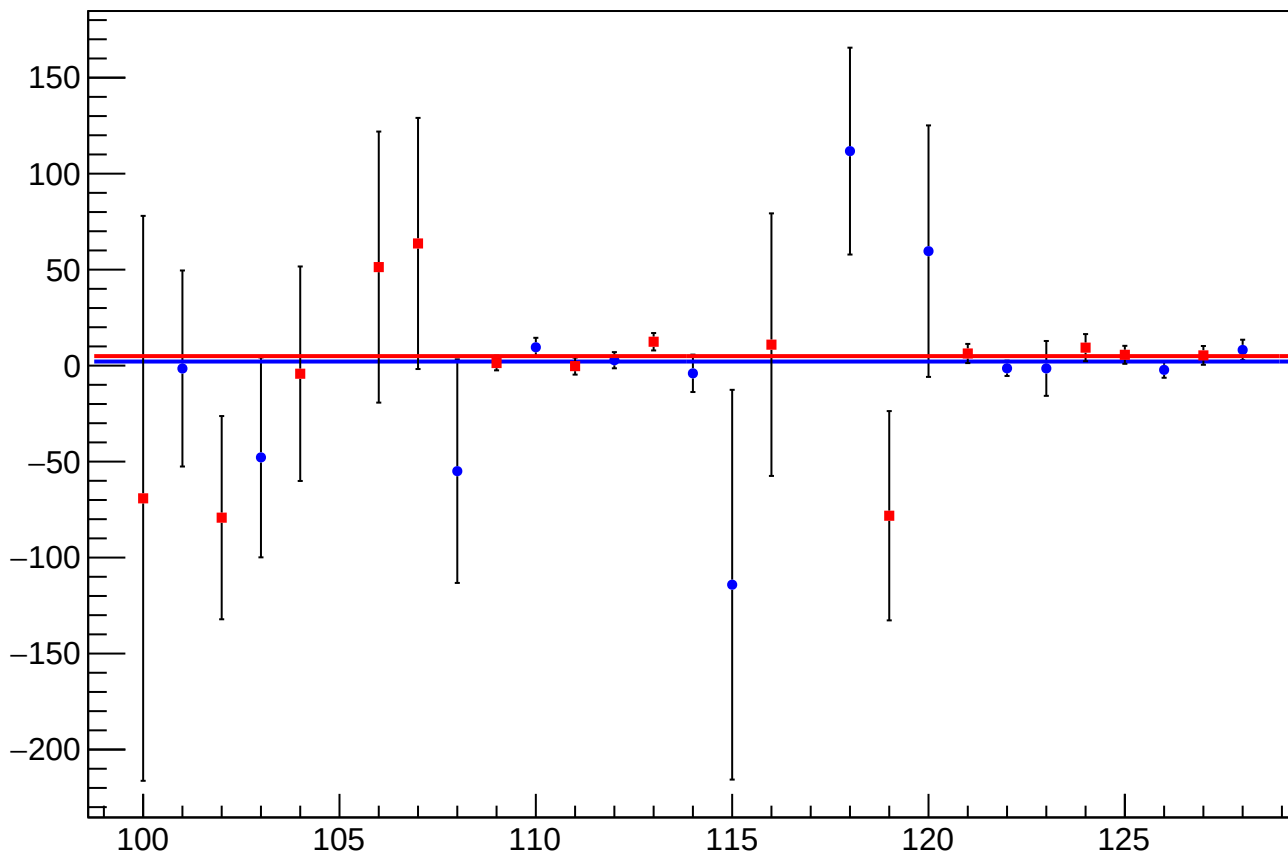
Right: 2791.825+/-0.876 χ^2/NDF : 9197167.1/26

In: 3130.087+/-1.380 χ^2/NDF : 4357189.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2791.825+/-0.876 χ^2/NDF : 9197167.1/26

diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: 2.130+/-1.917 χ^2/NDF : 14.1/12

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

Right Out: 4.952+/-1.774 χ^2/NDF : 11.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

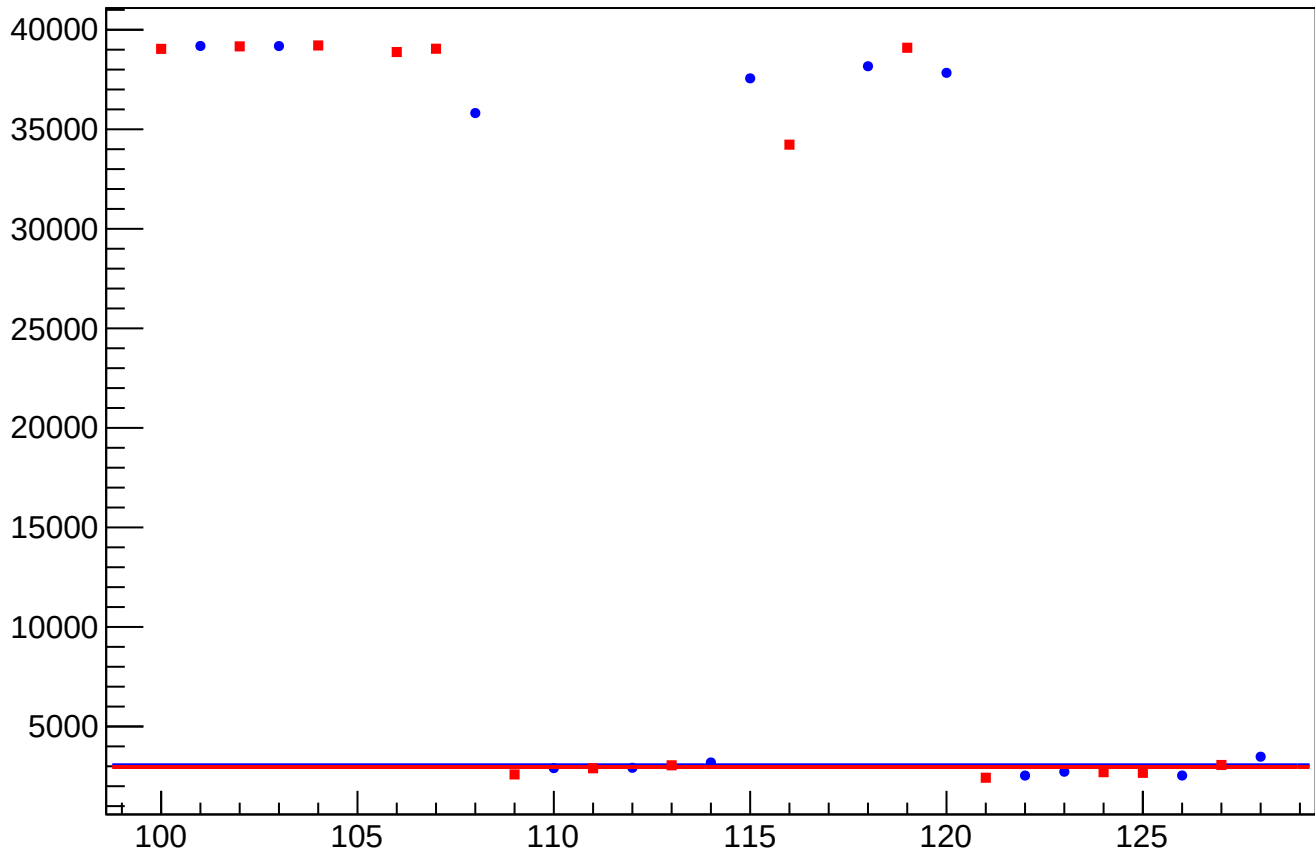
Right: 3.650+/-1.302 χ^2/NDF : 27.1/26

In: 2.130+/-1.917 χ^2/NDF : 14.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.650+/-1.302 χ^2/NDF : 27.1/26

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 3050.007+/-1.356 χ^2/NDF : 4324901.6/12

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

Right Out: 2964.737+/-1.255 χ^2/NDF : 4374911.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

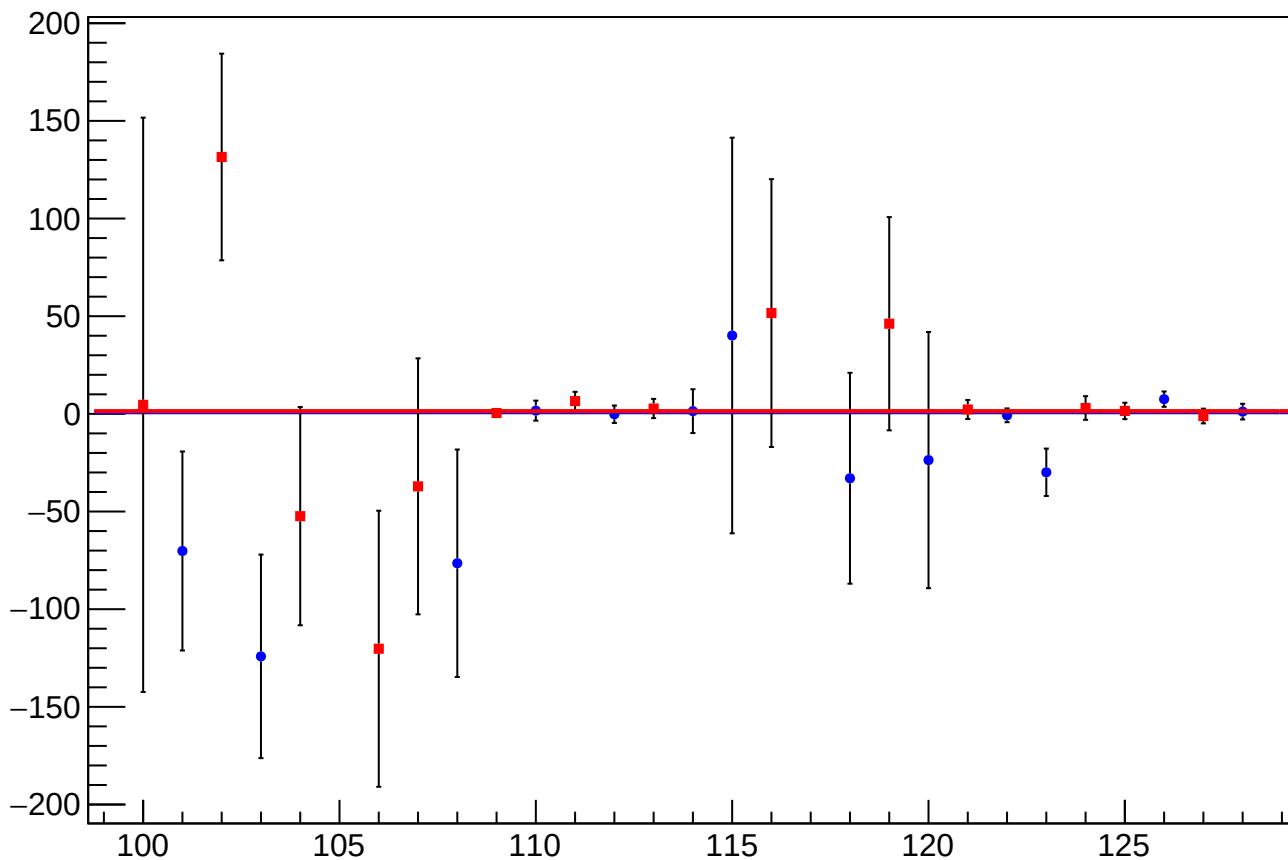
Right: 3004.081+/-0.921 χ^2/NDF : 8701944.3/26

In: 3050.007+/-1.356 χ^2/NDF : 4324901.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3004.081+/-0.921 χ^2/NDF : 8701944.3/26

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: 0.812+/-1.792 χ^2/NDF : 19.8/12

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

Right Out: 1.423+/-1.418 χ^2/NDF : 13.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

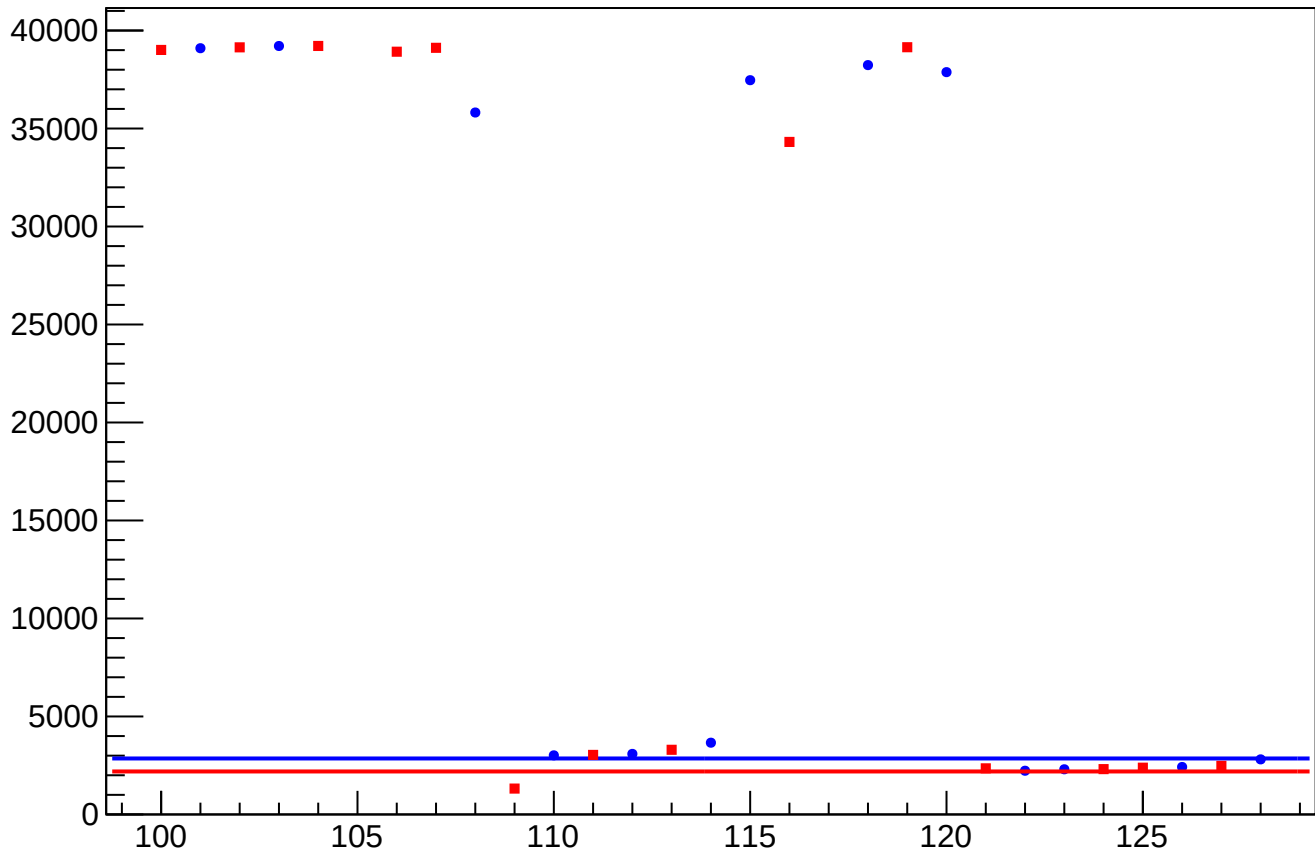
Right: 1.188+/-1.112 χ^2/NDF : 33.3/26

In: 0.812+/-1.792 χ^2/NDF : 19.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.188+/-1.112 χ^2/NDF : 33.3/26

diff_bpm1p03aY_rms vs Slug, Sign Corrected



Right In: 2856.605+/-1.267 χ^2/NDF : 4398441.6/12

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

Right Out: 2193.734+/-1.003 χ^2/NDF : 5018050.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

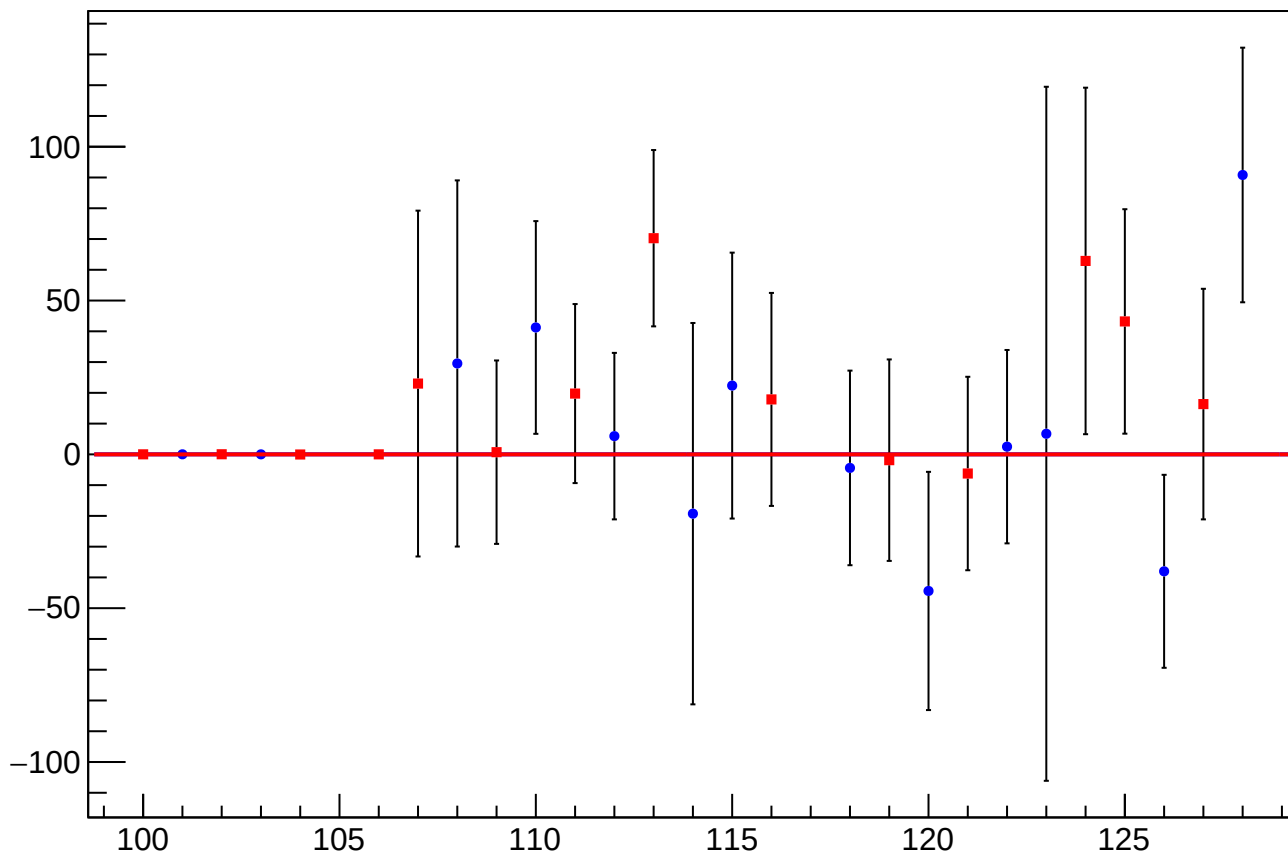
Right: 2449.059+/-0.786 χ^2/NDF : 9584793.4/26

In: 2856.605+/-1.267 χ^2/NDF : 4398441.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2449.059+/-0.786 χ^2/NDF : 9584793.4/26

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.017 χ^2/NDF : 9.9/12

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

Right Out: -0.003+/-0.016 χ^2/NDF : 14.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

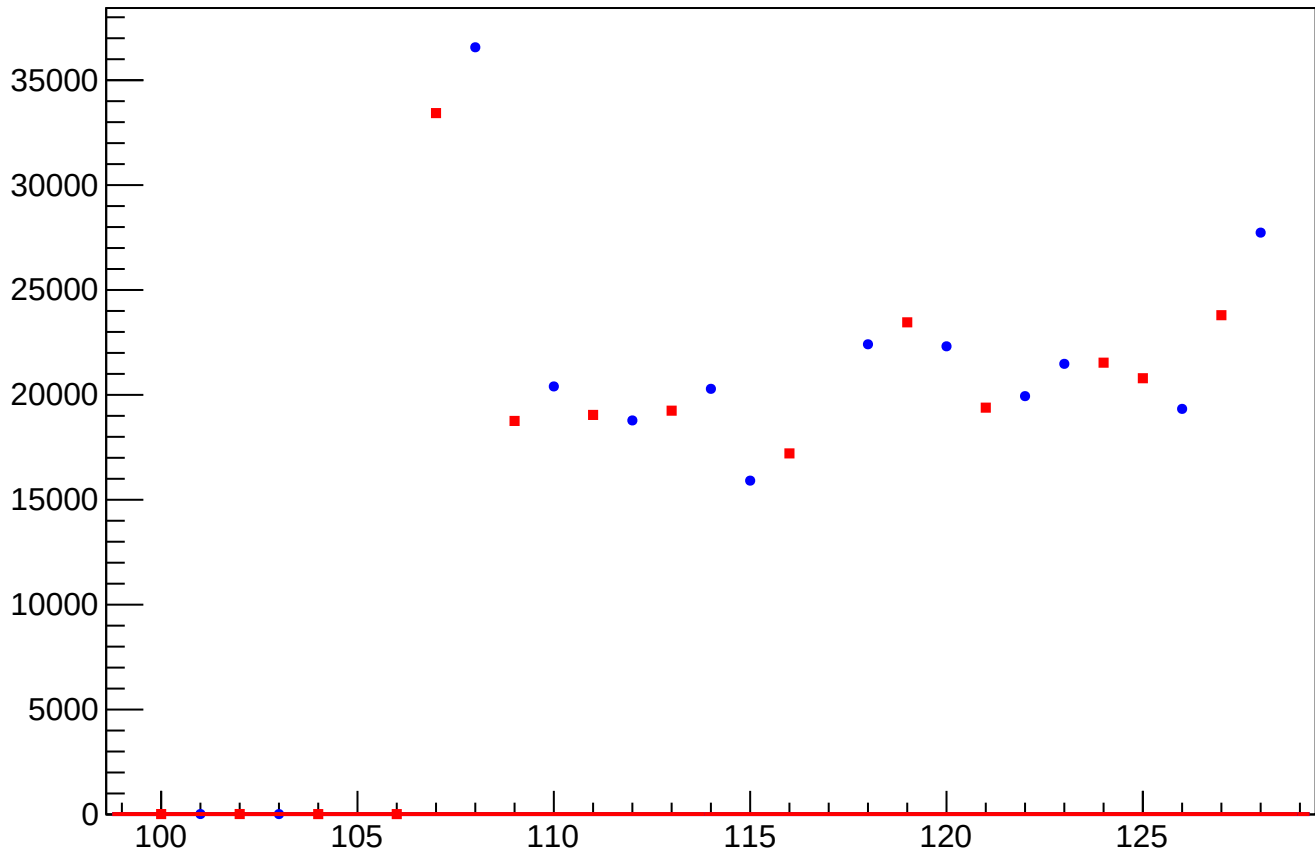
Right: 0.004+/-0.012 χ^2/NDF : 25.0/26

In: 0.013+/-0.017 χ^2/NDF : 9.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.012 χ^2/NDF : 25.0/26

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 18.609+/-0.012 χ^2/NDF : 7104646.5/12

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

Right Out: 18.286+/-0.011 χ^2/NDF : 7287870.3/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

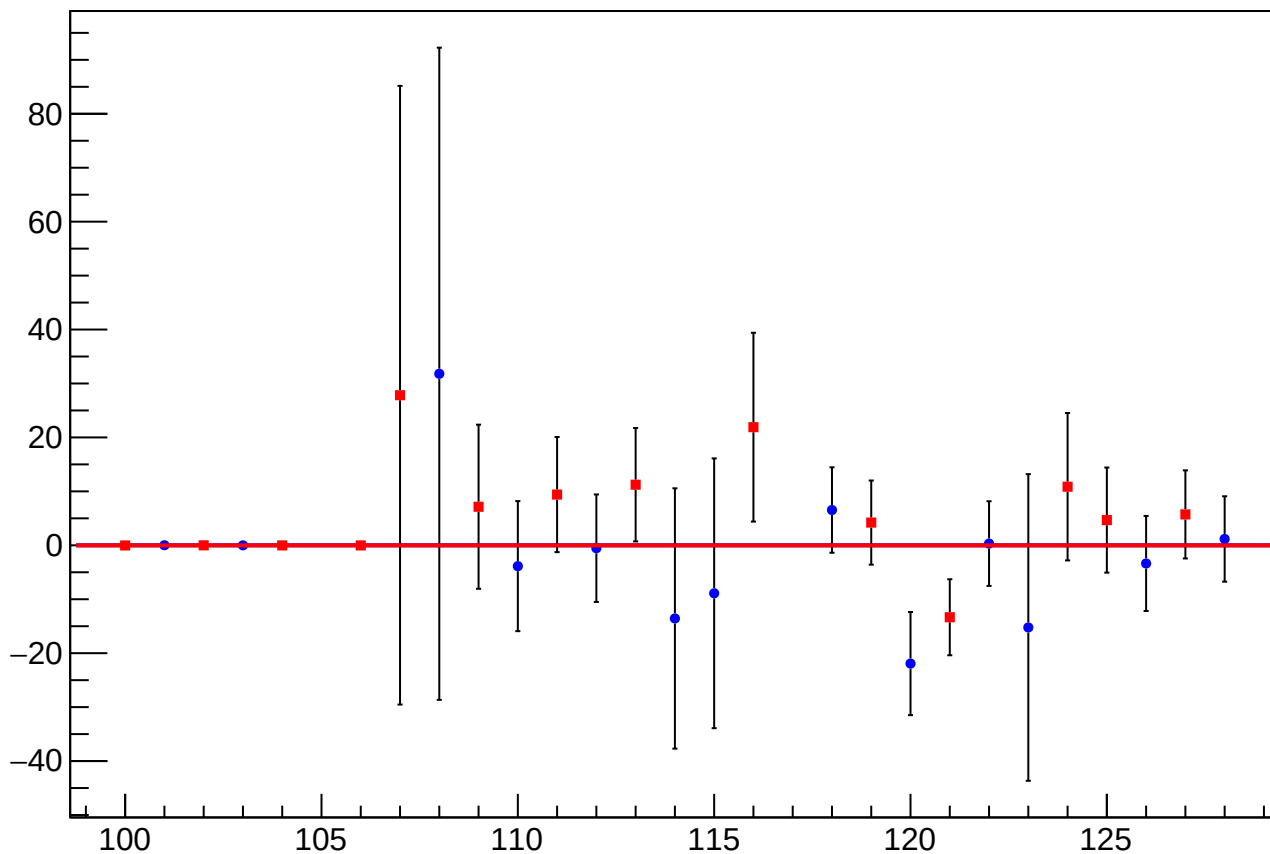
Right: 18.435+/-0.008 χ^2/NDF : 14392888.5/26

In: 18.609+/-0.012 χ^2/NDF :7104646.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 18.435+/-0.008 χ^2/NDF : 14392888.5/26

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.009 χ^2/NDF : 8.3/12

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

Right Out: -0.014+/-0.009 χ^2/NDF : 9.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

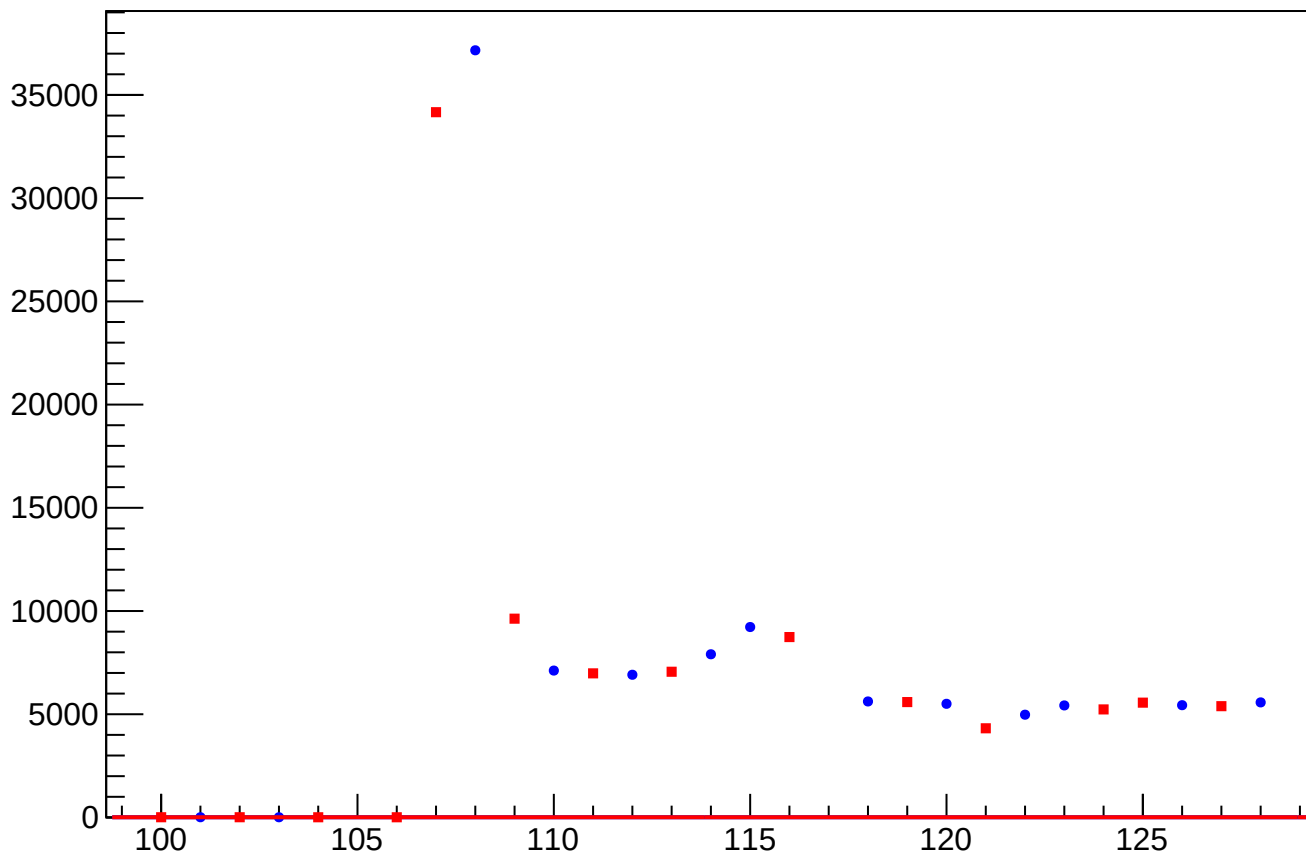
Right: -0.007+/-0.006 χ^2/NDF : 19.6/26

In: 0.001+/-0.009 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.006 χ^2/NDF : 19.6/26

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 9.902 $\pm$ 0.007 χ^2 /NDF: 7191068.5/12

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

Right Out: 9.822 $\pm$ 0.006 χ^2 /NDF: 7352512.1/13

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

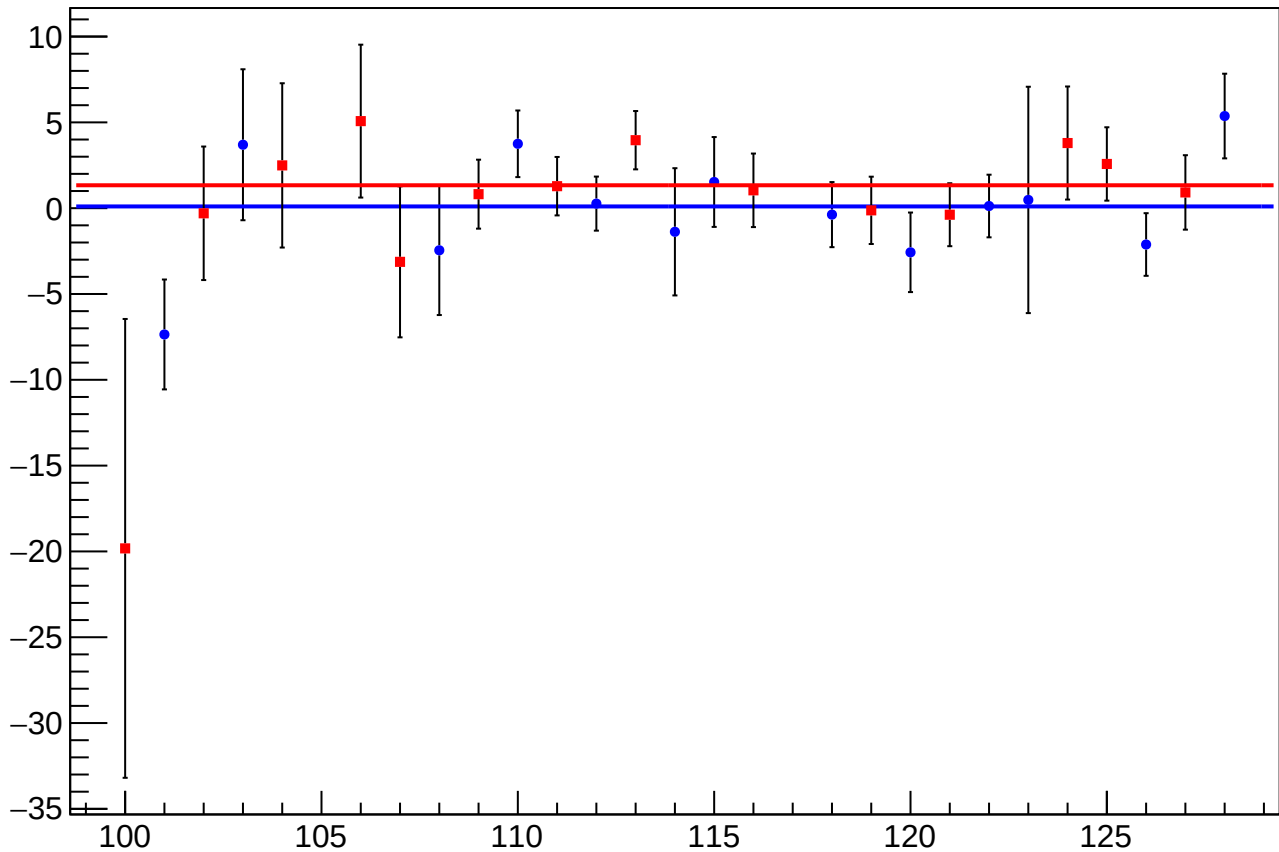
Right: 9.859 $\pm$ 0.004 χ^2 /NDF: 14543660.8/26

In: 9.902 $\pm$ 0.007 χ^2 /NDF:7191068.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.859 $\pm$ 0.004 χ^2 /NDF: 14543660.8/26

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: 0.102 $\pm$ 0.651 χ^2 /NDF: 18.0/12

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

Right Out: 1.335 $\pm$ 0.638 χ^2 /NDF: 9.3/13

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

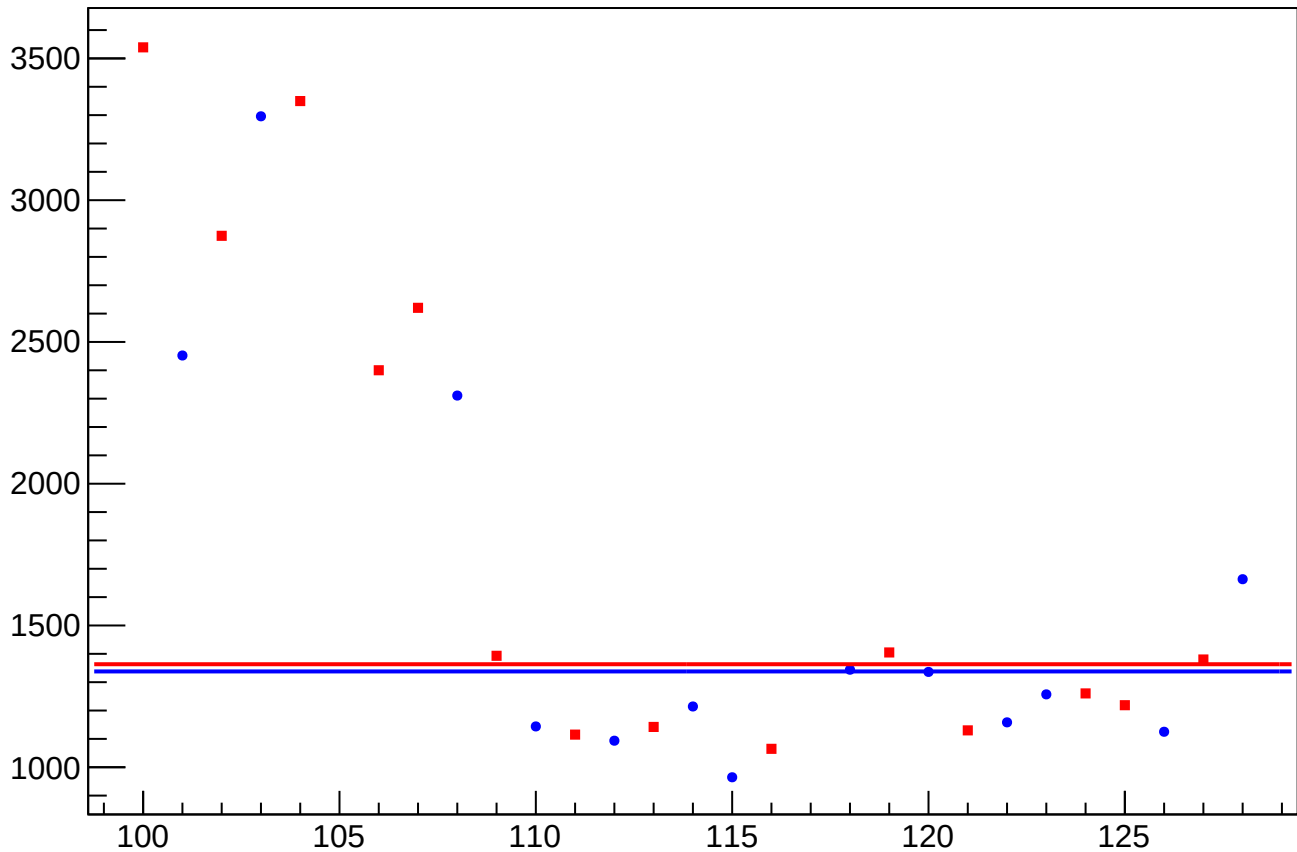
Right: 0.731 $\pm$ 0.456 χ^2 /NDF: 29.1/26

In: 0.102 $\pm$ 0.651 χ^2 /NDF:18.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.731 $\pm$ 0.456 χ^2 /NDF: 29.1/26

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 1337.914+/-0.460 χ^2/NDF : 964227.5/12

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

Right Out: 1363.340+/-0.451 χ^2/NDF : 1130955.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

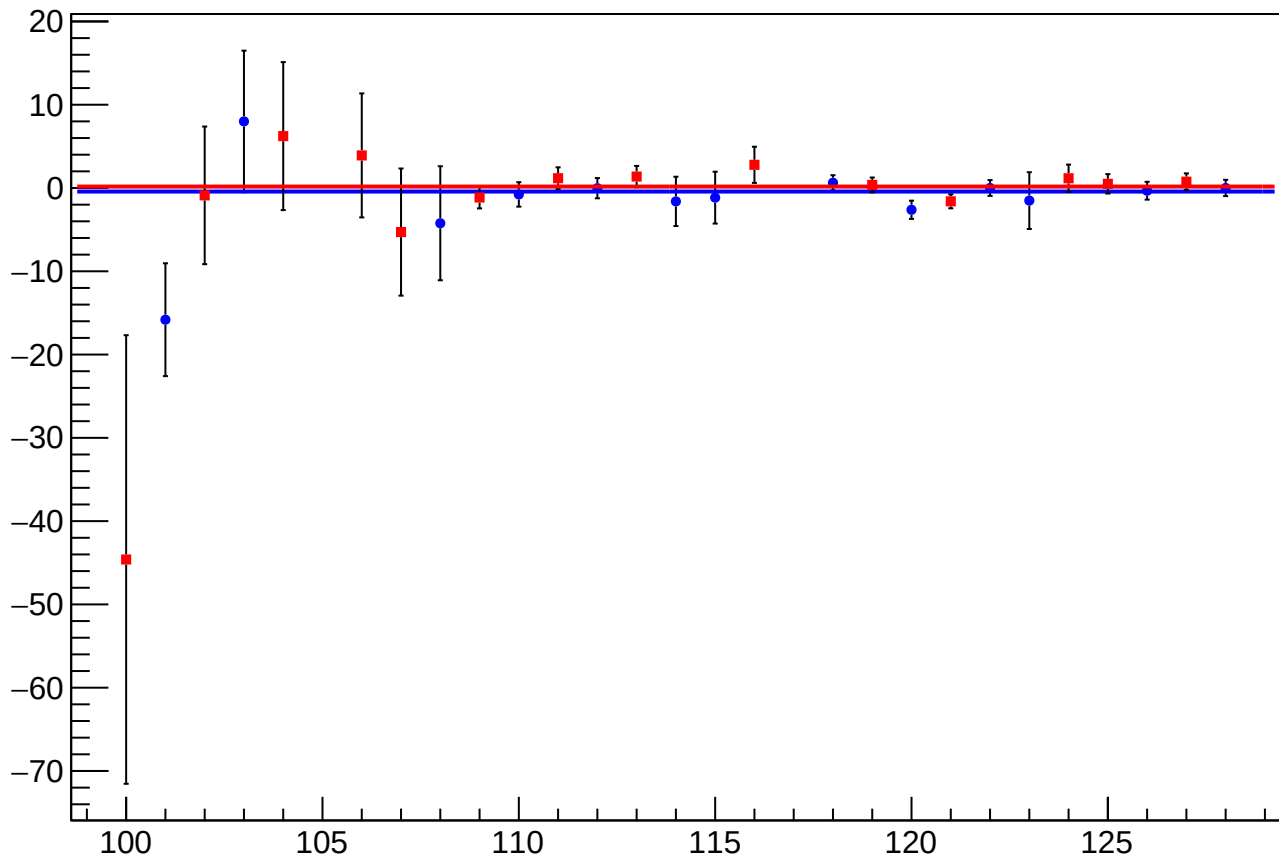
Right: 1350.881+/-0.322 χ^2/NDF : 2096737.9/26

In: 1337.914+/-0.460 χ^2/NDF :964227.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1350.881+/-0.322 χ^2/NDF : 2096737.9/26

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.426 ± 0.390 χ^2/NDF : 12.7/12

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

Right Out: 0.173 ± 0.382 χ^2/NDF : 13.2/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

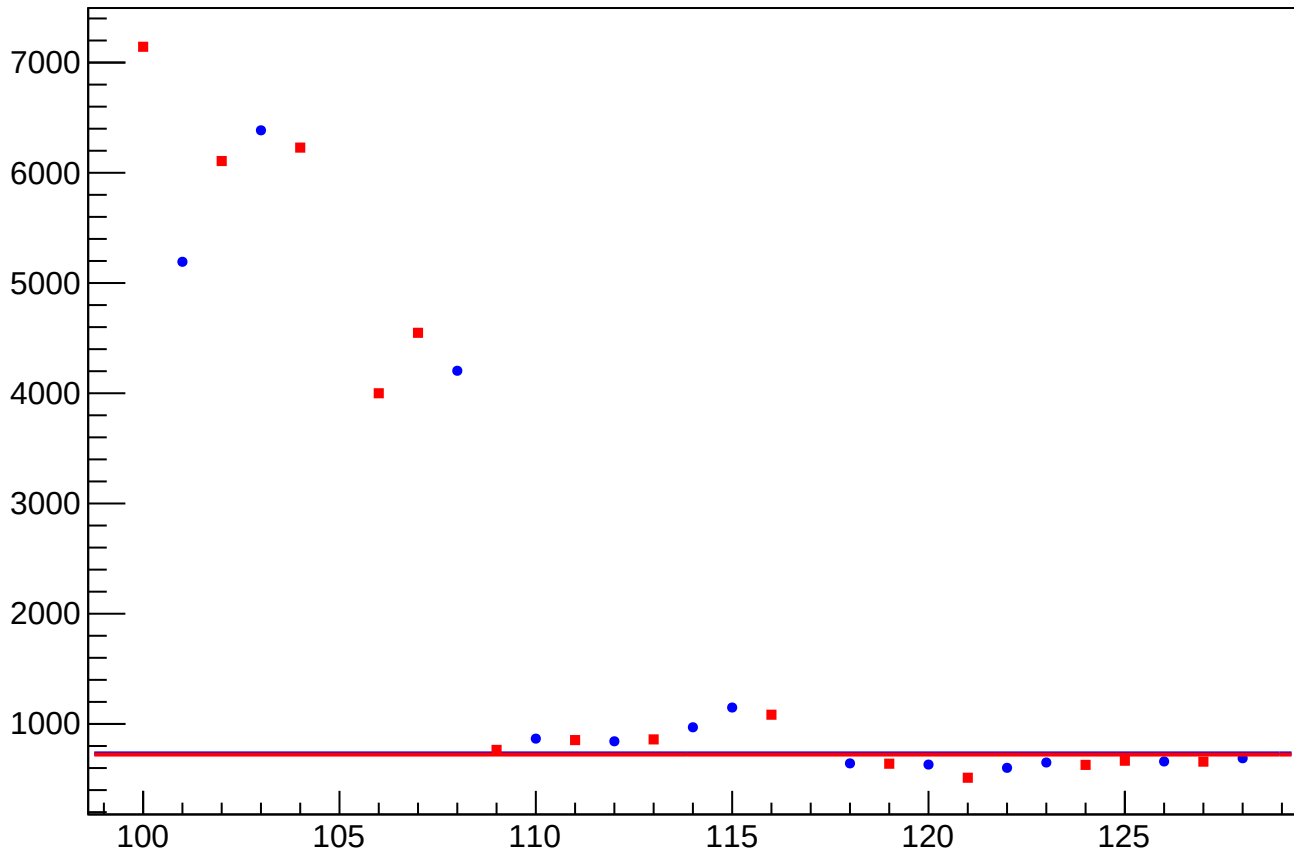
Right: -0.121 ± 0.273 χ^2/NDF : 27.2/26

In: -0.426 ± 0.390 χ^2/NDF : 12.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.121 ± 0.273 χ^2/NDF : 27.2/26

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 732.691+/-0.276 χ^2/NDF : 2438153.6/12

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

Right Out: 722.471+/-0.270 χ^2/NDF : 2884189.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

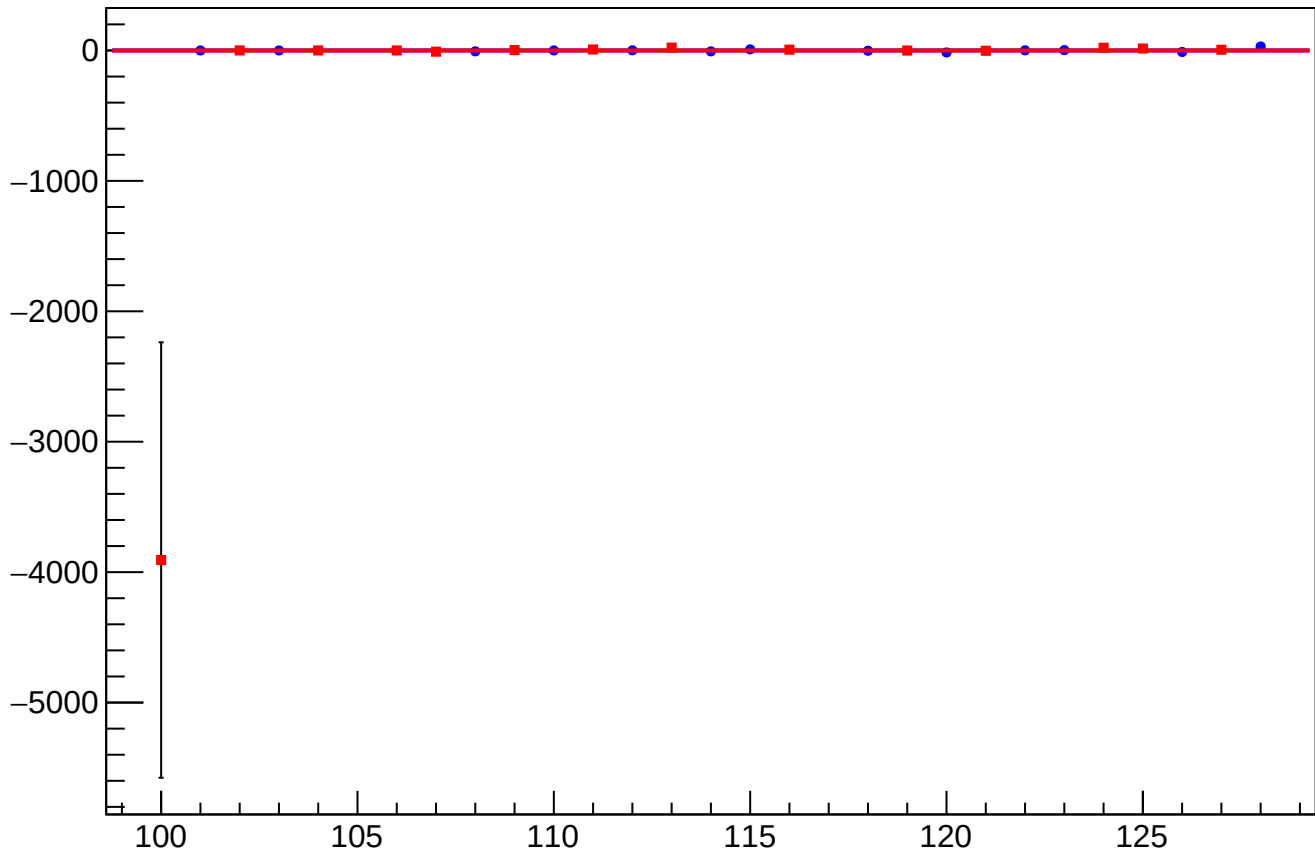
Right: 727.482+/-0.193 χ^2/NDF : 5323043.8/26

In: 732.691+/-0.276 χ^2/NDF : 2438153.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 727.482+/-0.193 χ^2/NDF : 5323043.8/26

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.021 χ^2 /NDF: 8.9/12

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

Right Out: 0.027+/-0.020 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

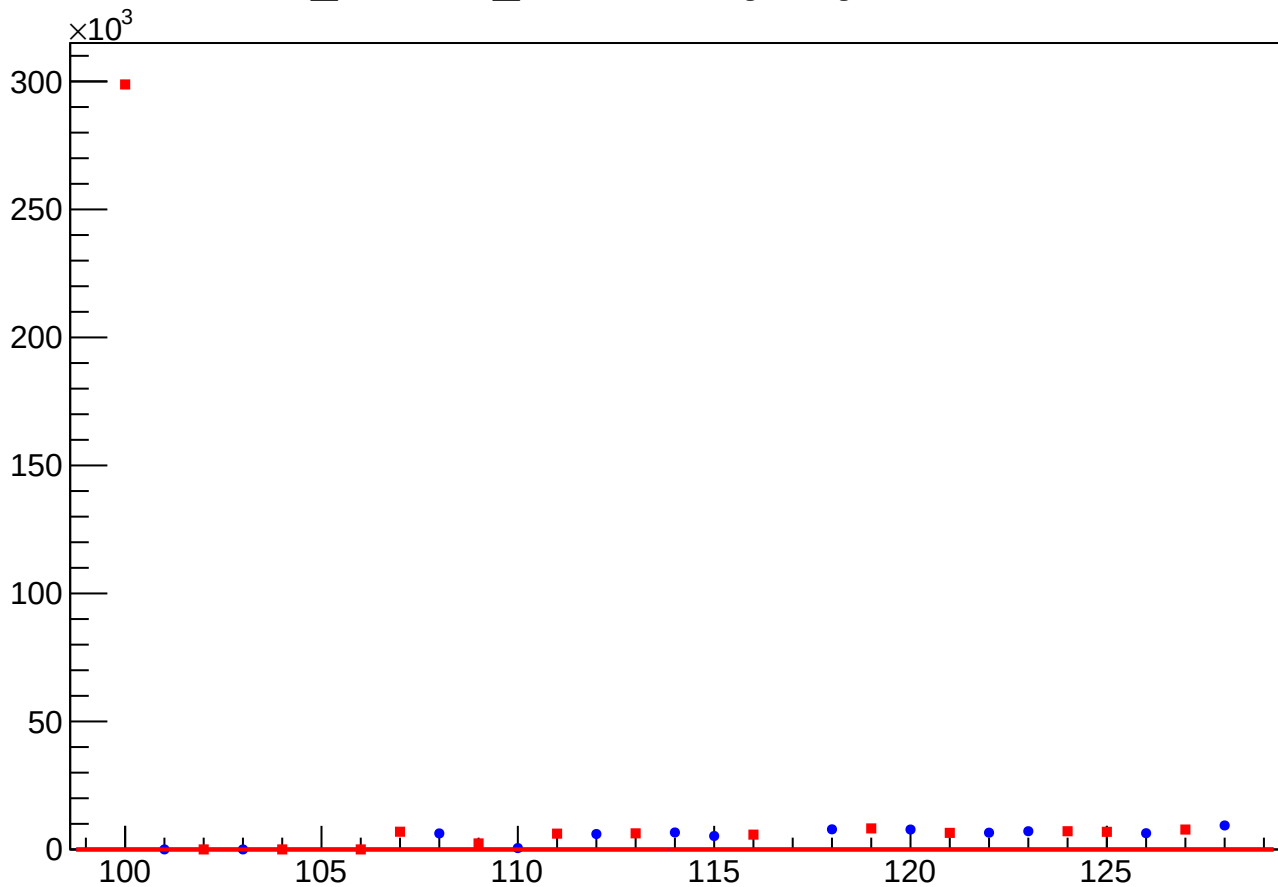
Right: 0.004+/-0.014 χ^2 /NDF: 28.1/26

In: -0.021+/-0.021 χ^2 /NDF:8.9/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.004+/-0.014 χ^2 /NDF: 28.1/26

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 17.201 $\pm$ 0.015 χ^2 /NDF: 6635561.6/12

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

Right Out: 17.158 $\pm$ 0.014 χ^2 /NDF: 7011111.7/13

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

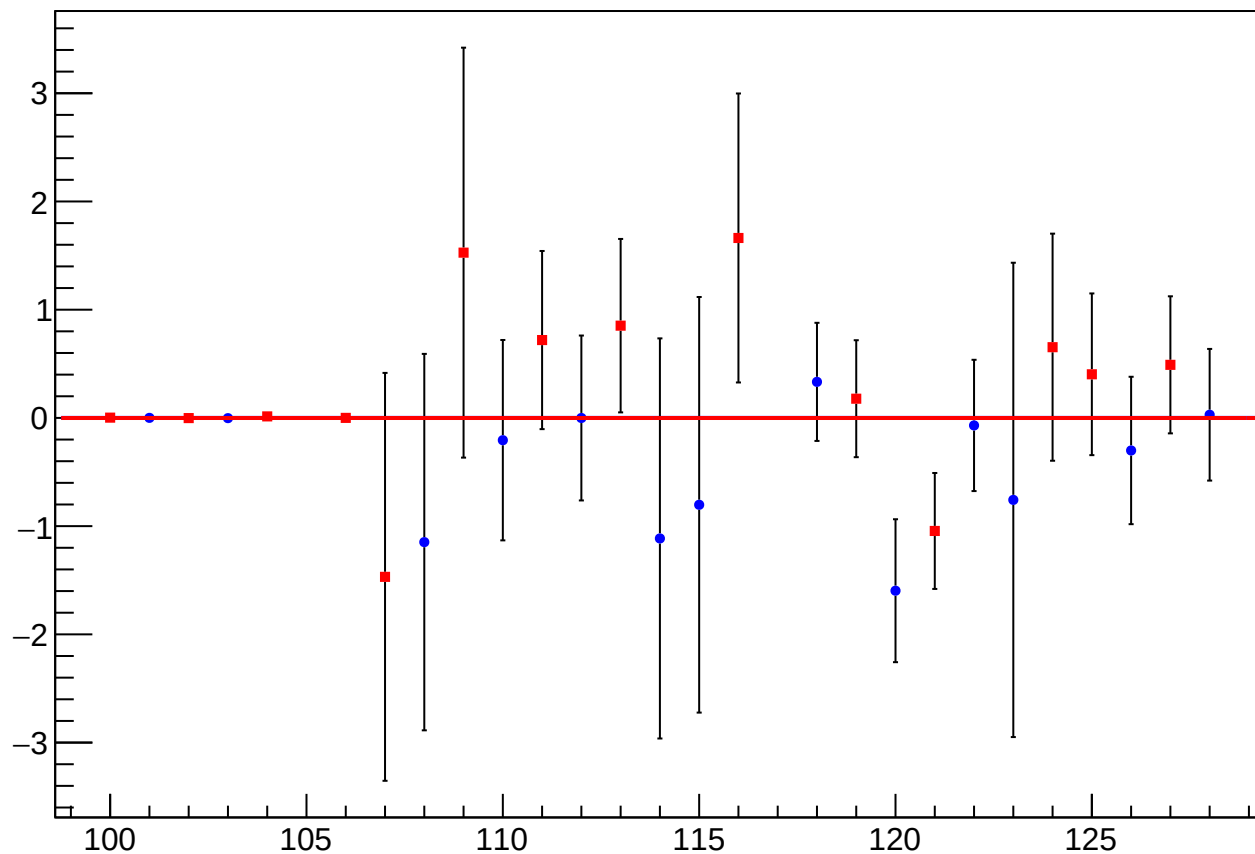
Right: 17.178 $\pm$ 0.010 χ^2 /NDF: 13646677.8/26

In: 17.201 $\pm$ 0.015 χ^2 /NDF: 6635561.6/12

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

All: 17.178 $\pm$ 0.010 χ^2 /NDF: 13646677.8/26

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.002 χ^2/NDF : 7.8/12

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

Right Out: -0.001+/-0.002 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

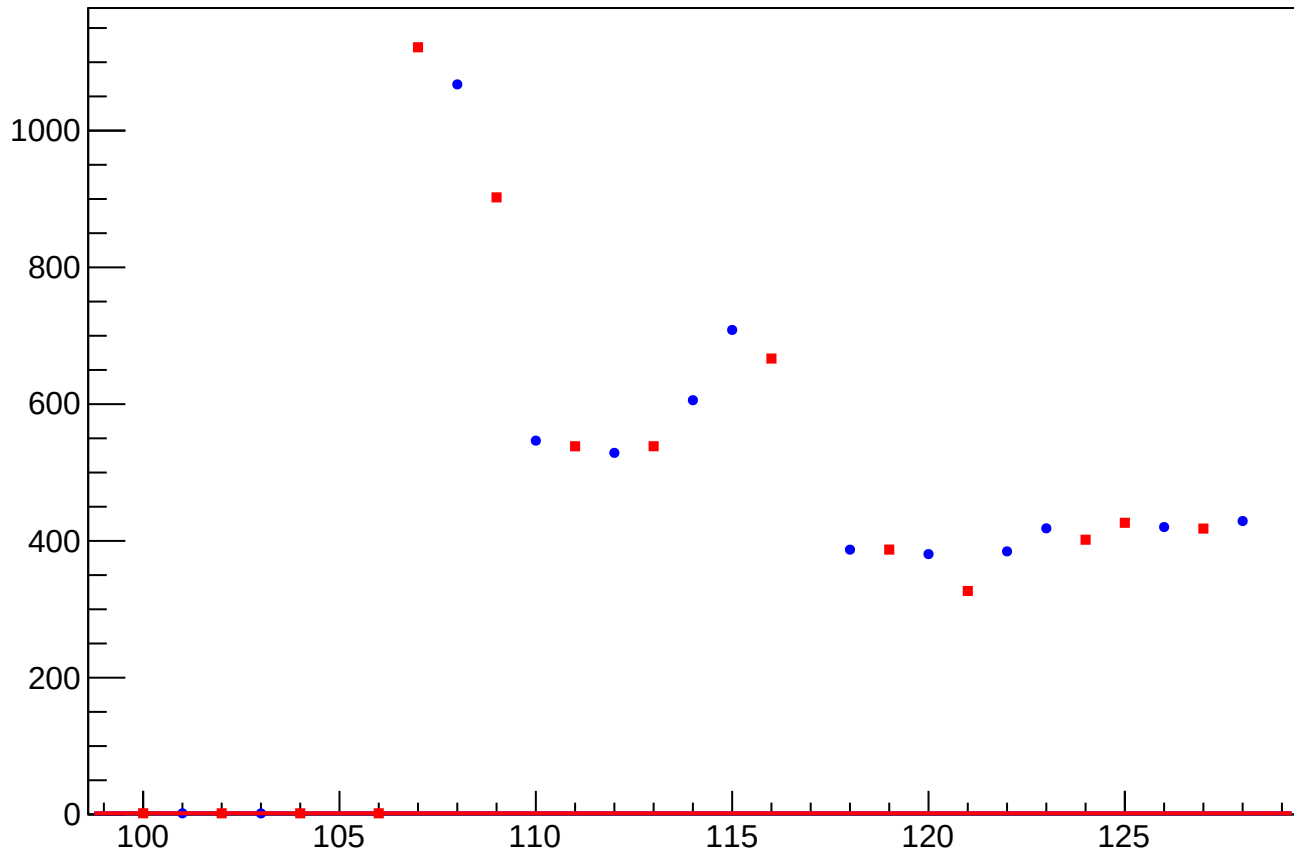
Right: -0.000+/-0.001 χ^2/NDF : 18.8/26

In: 0.000+/-0.002 χ^2/NDF : 7.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.001 χ^2/NDF : 18.8/26

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 1.676+/-0.001 χ^2/NDF : 7157673.4/12

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

Right Out: 1.707+/-0.001 χ^2/NDF : 6959319.5/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

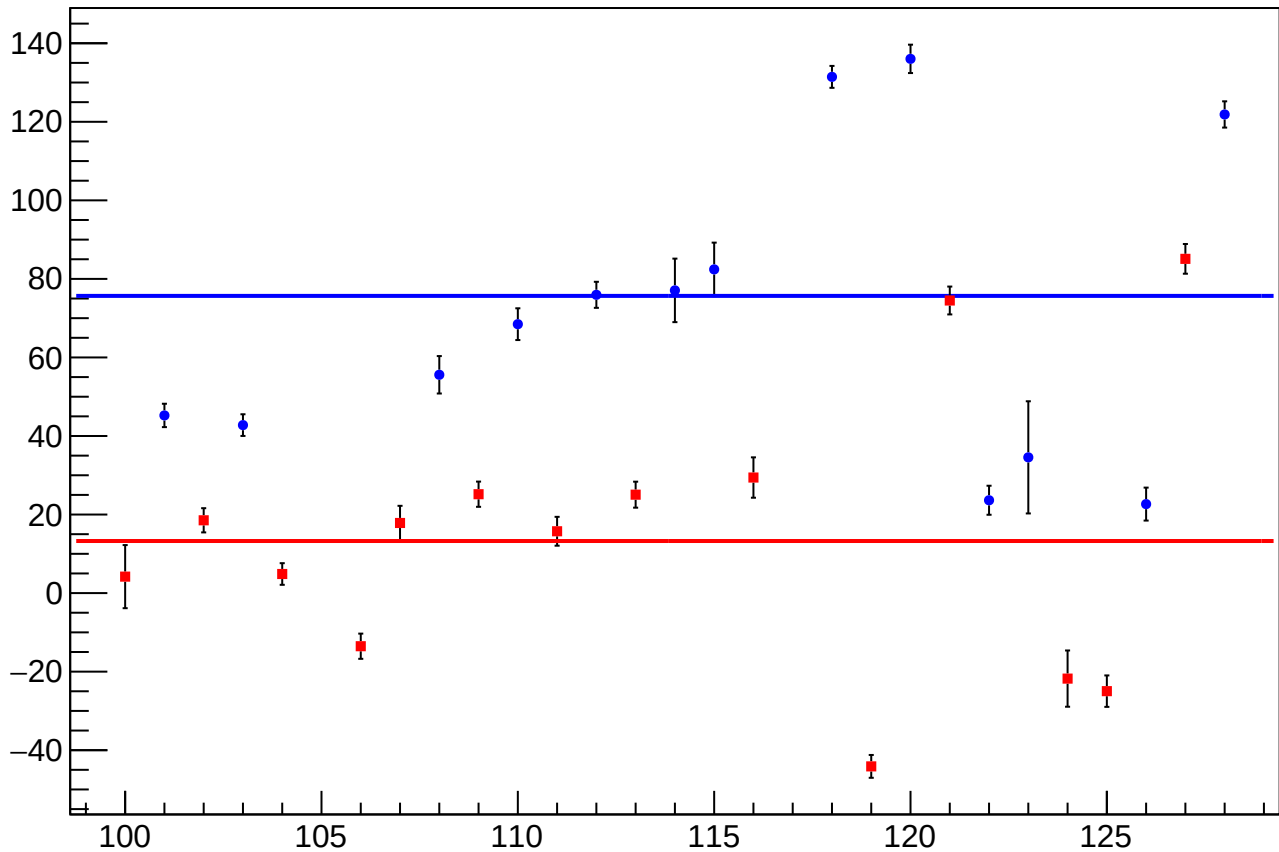
Right: 1.692+/-0.001 χ^2/NDF : 14117233.2/26

In: 1.676+/-0.001 χ^2/NDF :7157673.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.692+/-0.001 χ^2/NDF : 14117233.2/26

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 75.674+/-1.050 χ^2/NDF : 1503.7/12

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

Right Out: 13.261+/-0.975 χ^2/NDF : 1284.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

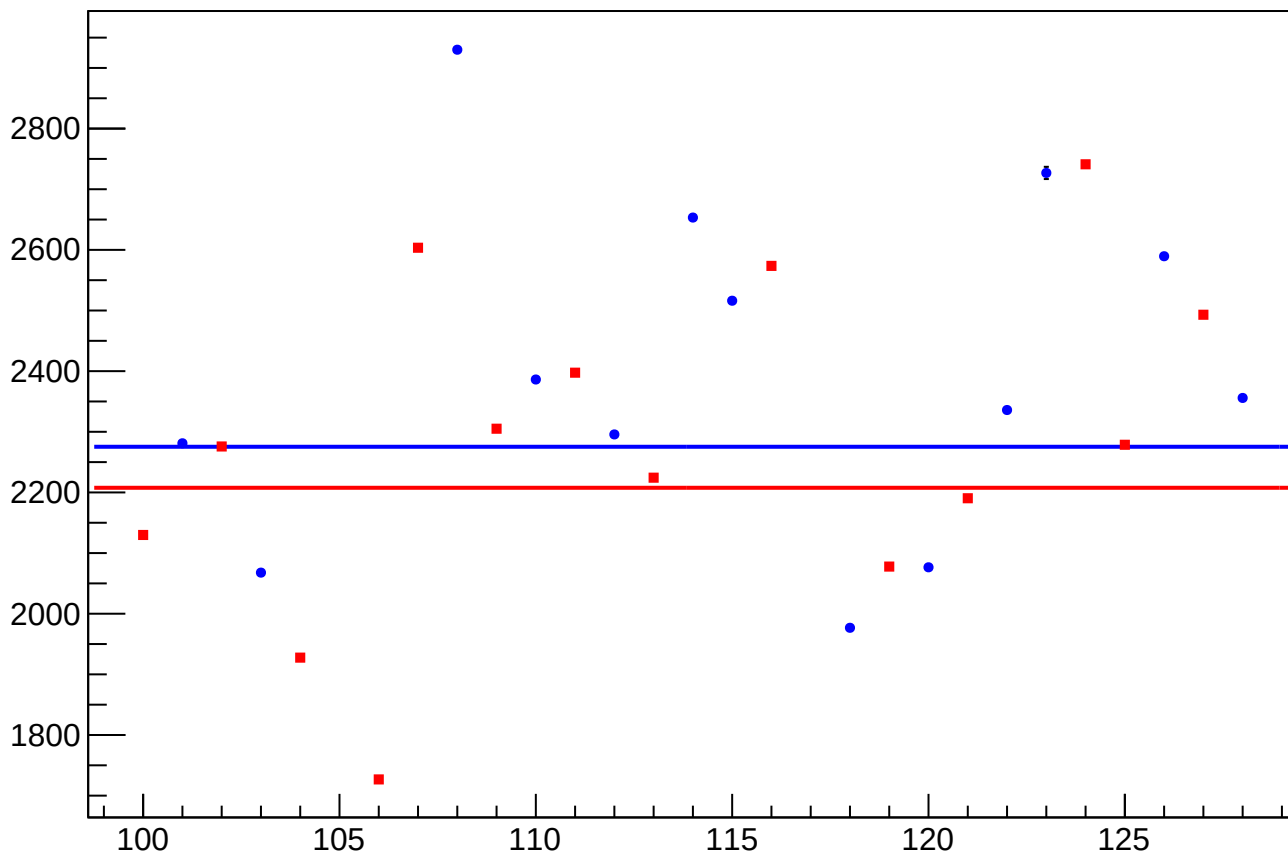
Right: 42.150+/-0.715 χ^2/NDF : 4684.8/26

In: 75.674+/-1.050 χ^2/NDF : 1503.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.150+/-0.715 χ^2/NDF : 4684.8/26

diff_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 2275.319+/-0.743 χ^2/NDF : 101359.3/12

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

Right Out: 2207.683+/-0.689 χ^2/NDF : 127675.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

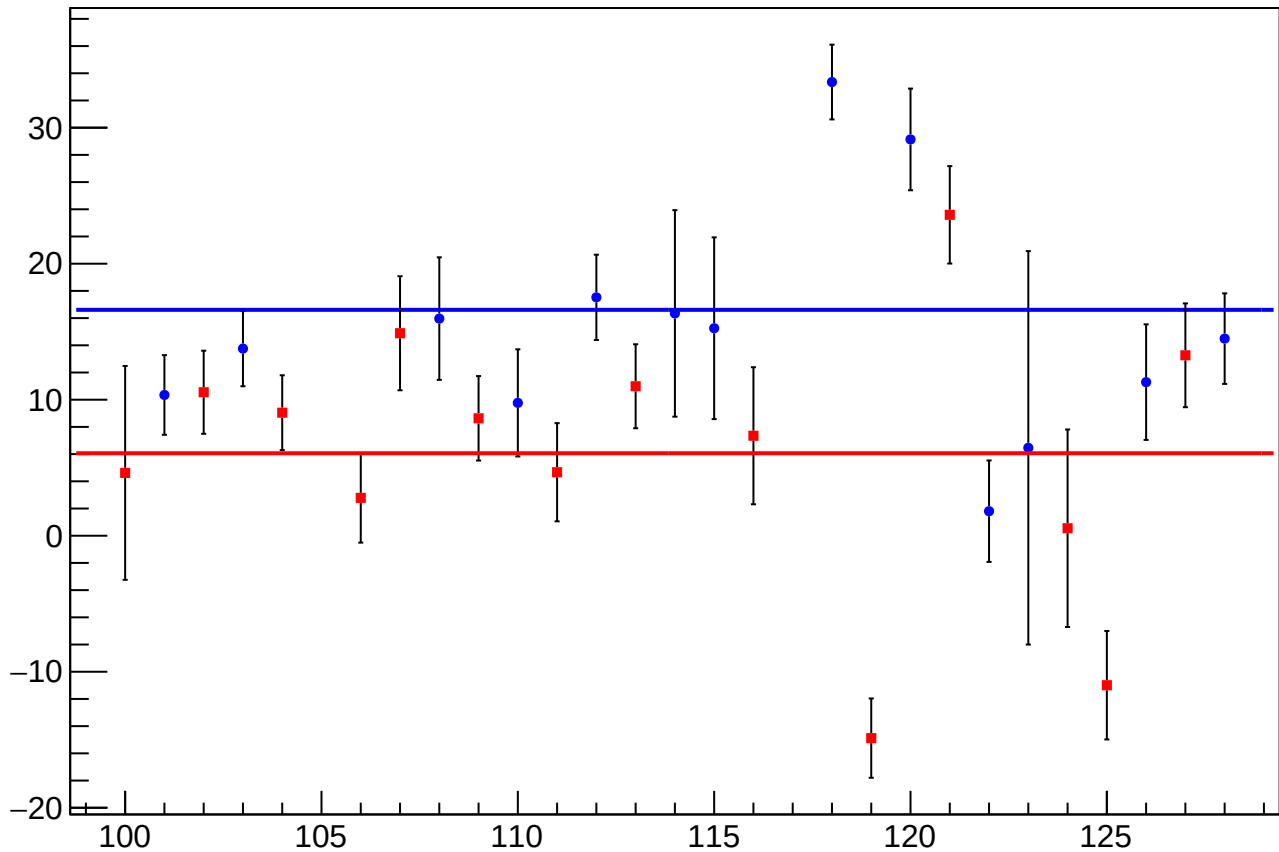
Right: 2238.990+/-0.505 χ^2/NDF : 233488.4/26

In: 2275.319+/-0.743 χ^2/NDF : 101359.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2238.990+/-0.505 χ^2/NDF : 233488.4/26

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 16.608+/-1.038 χ^2/NDF : 75.4/12

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

Right Out: 6.064+/-0.964 χ^2/NDF : 110.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

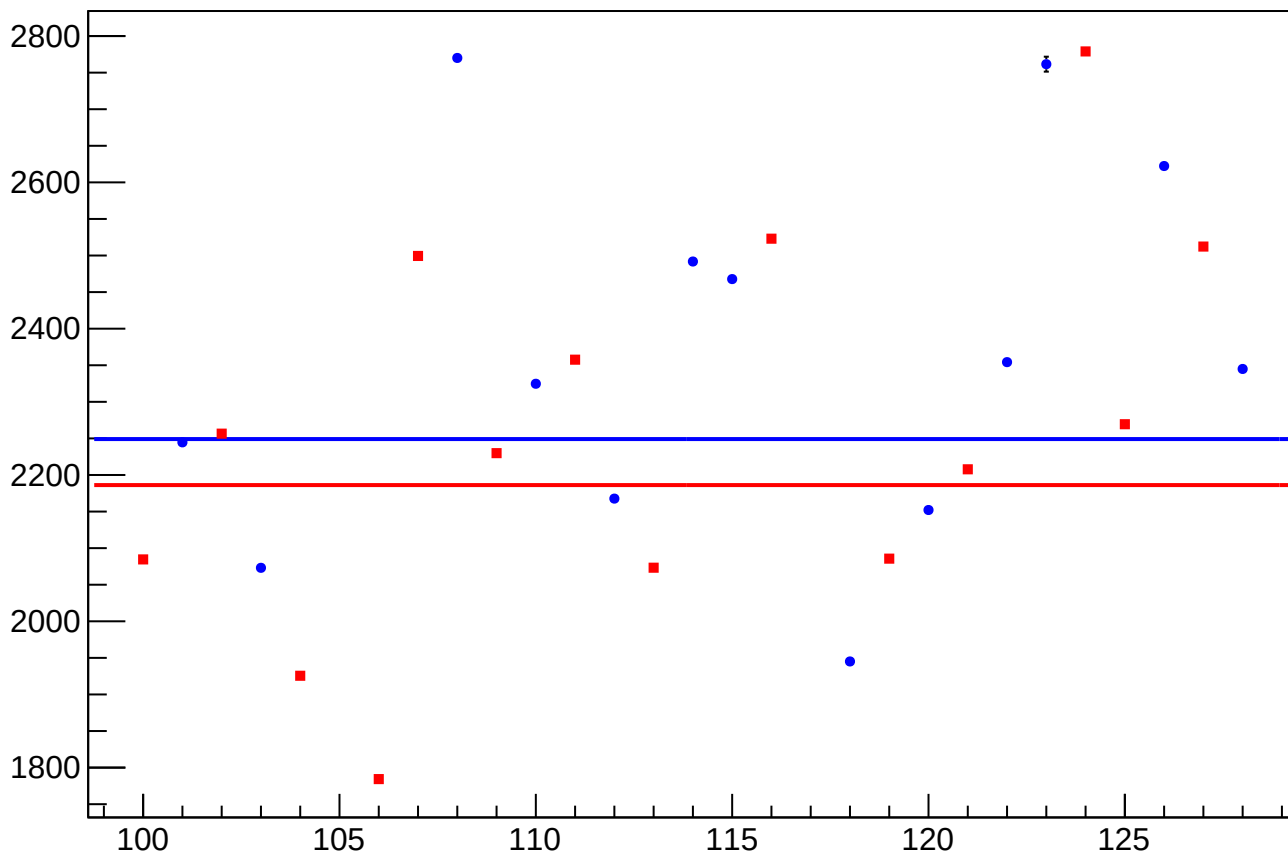
Right: 10.950+/-0.706 χ^2/NDF : 241.0/26

In: 16.608+/-1.038 χ^2/NDF : 75.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.950+/-0.706 χ^2/NDF : 241.0/26

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2249.109+/-0.734 χ^2/NDF : 88138.5/12

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

Right Out: 2186.203+/-0.682 χ^2/NDF : 108107.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

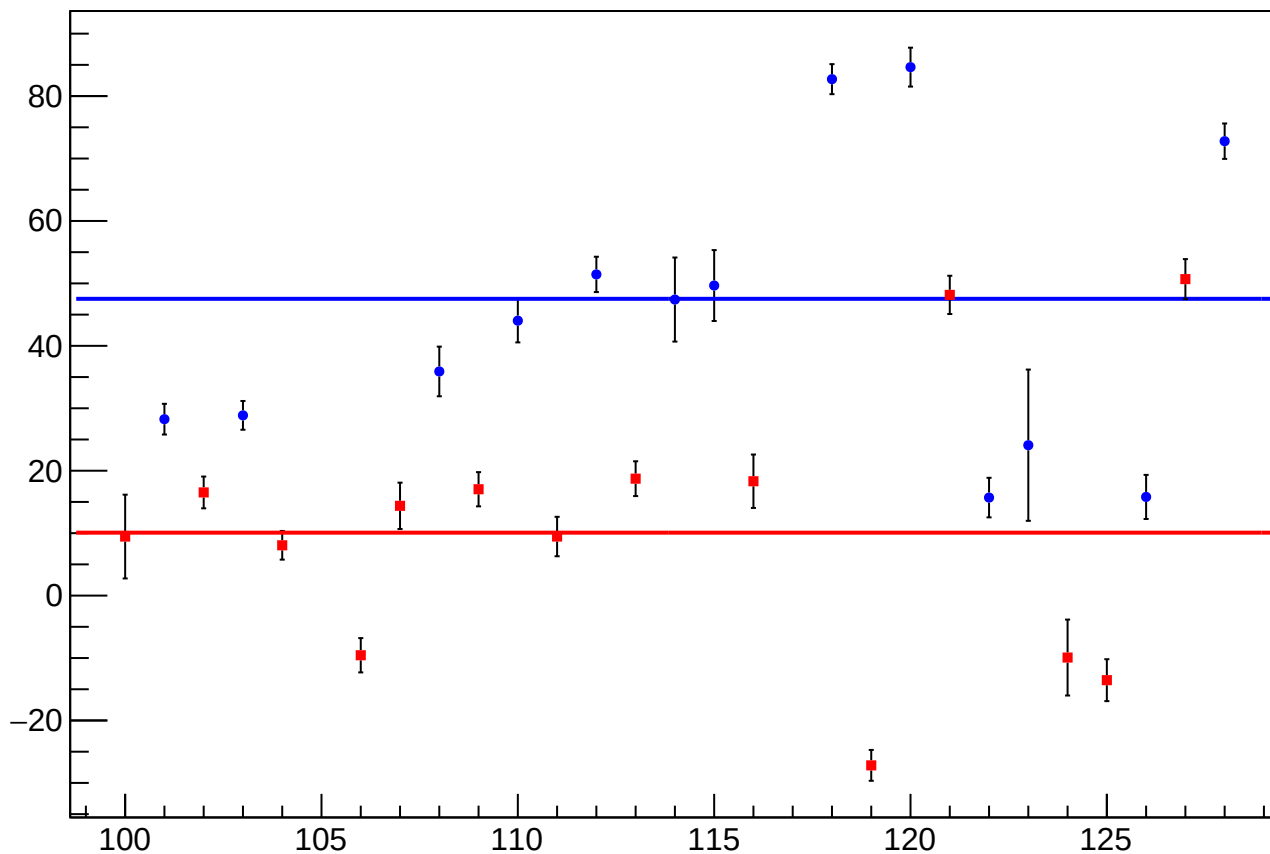
Right: 2215.353+/-0.499 χ^2/NDF : 200190.8/26

In: 2249.109+/-0.734 χ^2/NDF : 88138.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2215.353+/-0.499 χ^2/NDF : 200190.8/26

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 47.530+/-0.889 χ^2/NDF : 759.5/12

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

Right Out: 10.081+/-0.824 χ^2/NDF : 681.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

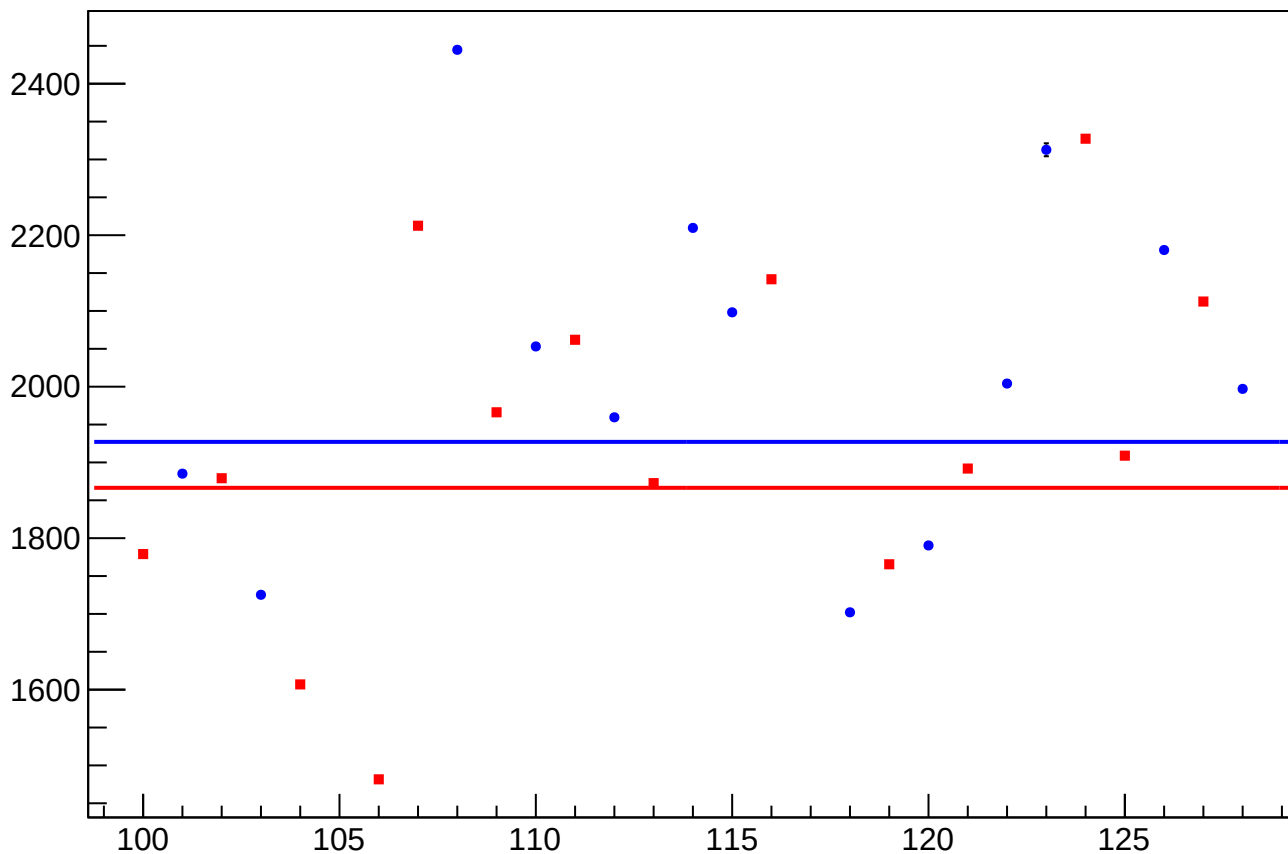
Right: 27.391+/-0.605 χ^2/NDF : 2395.4/26

In: 47.530+/-0.889 χ^2/NDF : 759.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.391+/-0.605 χ^2/NDF : 2395.4/26

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1927.139+/-0.629 χ^2/NDF : 94168.0/12

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

Right Out: 1866.477+/-0.583 χ^2/NDF : 128215.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

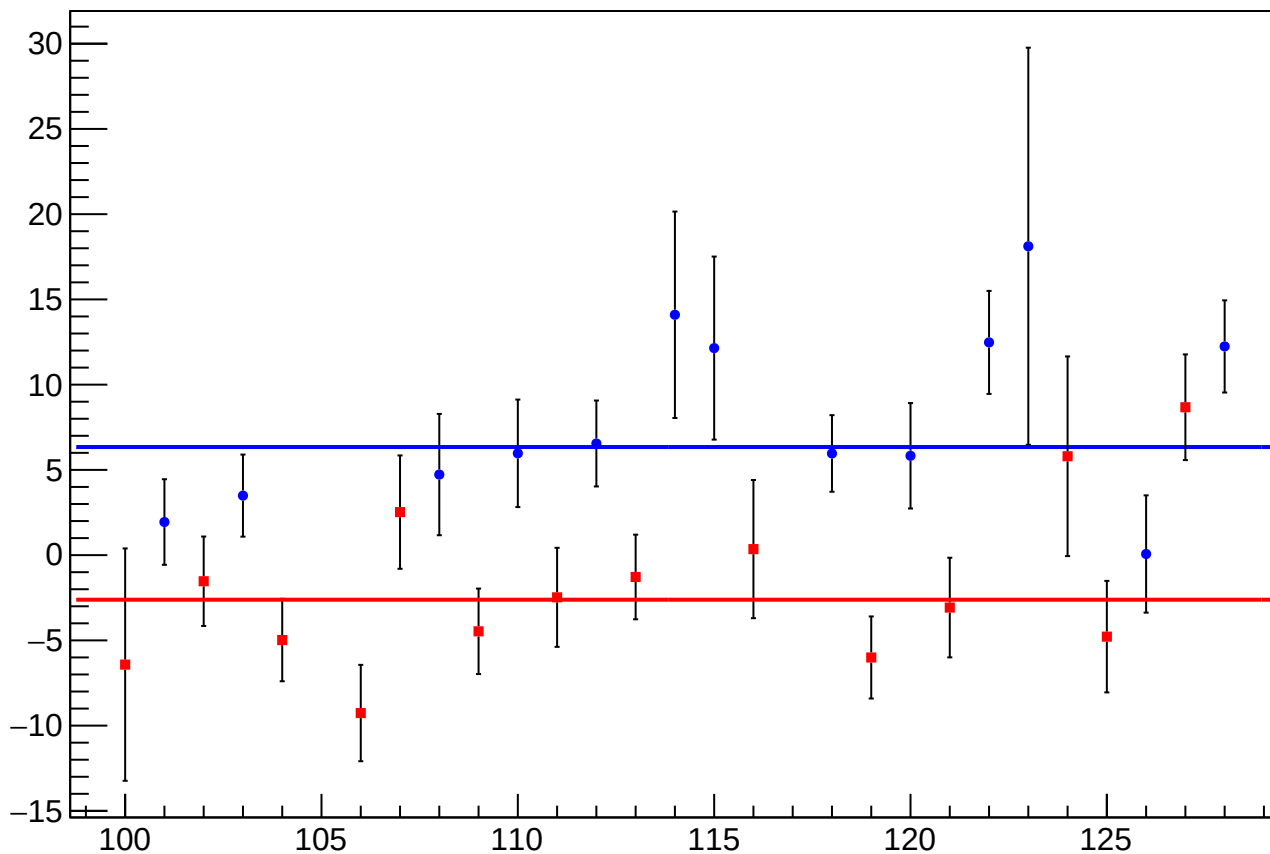
Right: 1894.518+/-0.427 χ^2/NDF : 227390.2/26

In: 1927.139+/-0.629 χ^2/NDF : 94168.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1894.518+/-0.427 χ^2/NDF : 227390.2/26

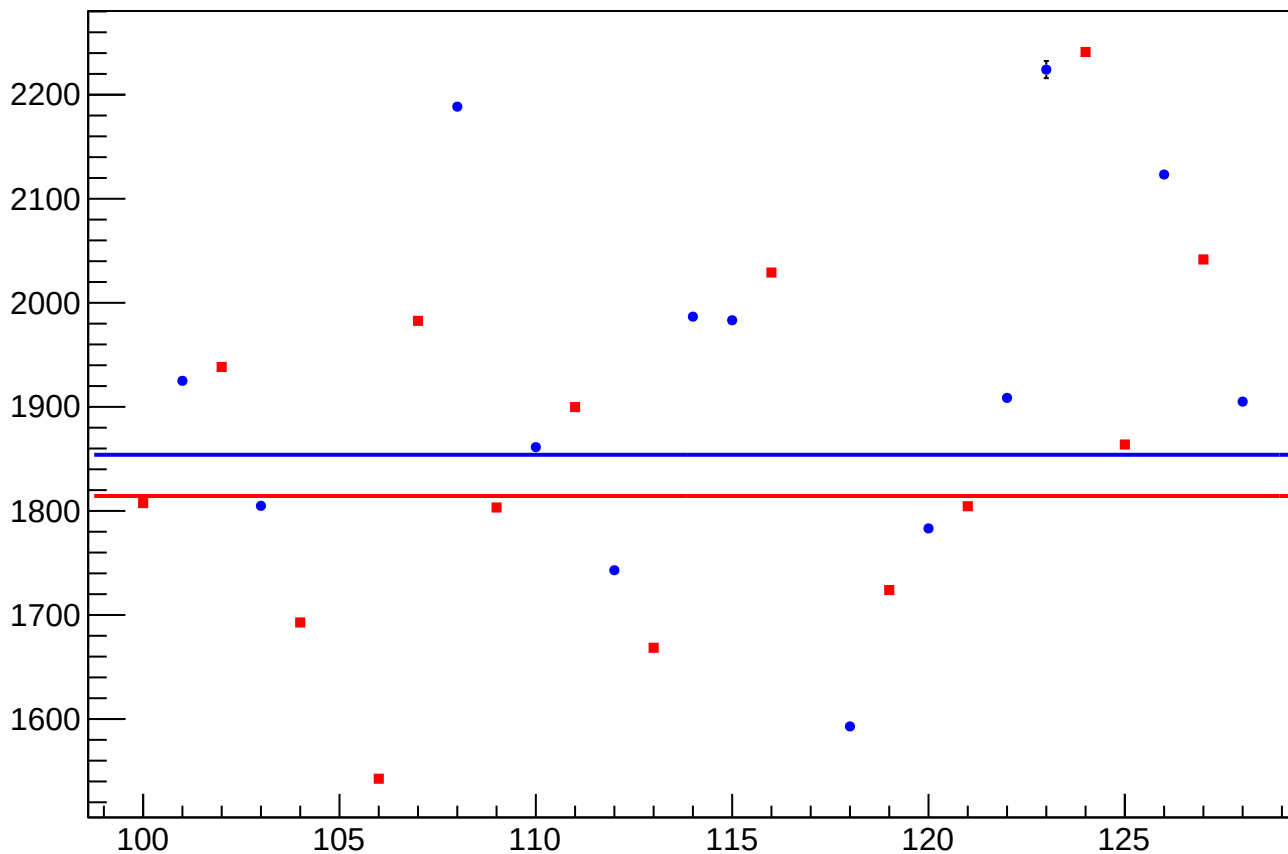
diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 6.341+/-0.854 χ^2/NDF : 20.8/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -2.614+/-0.798 χ^2/NDF : 28.5/13
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 1.559+/-0.583 χ^2/NDF : 108.0/26
 In: 6.341+/-0.854 χ^2/NDF : 20.8/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1.559+/-0.583 χ^2/NDF : 108.0/26

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1853.959+/-0.604 χ^2/NDF : 69807.5/12

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

Right Out: 1814.368+/-0.564 χ^2/NDF : 72110.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

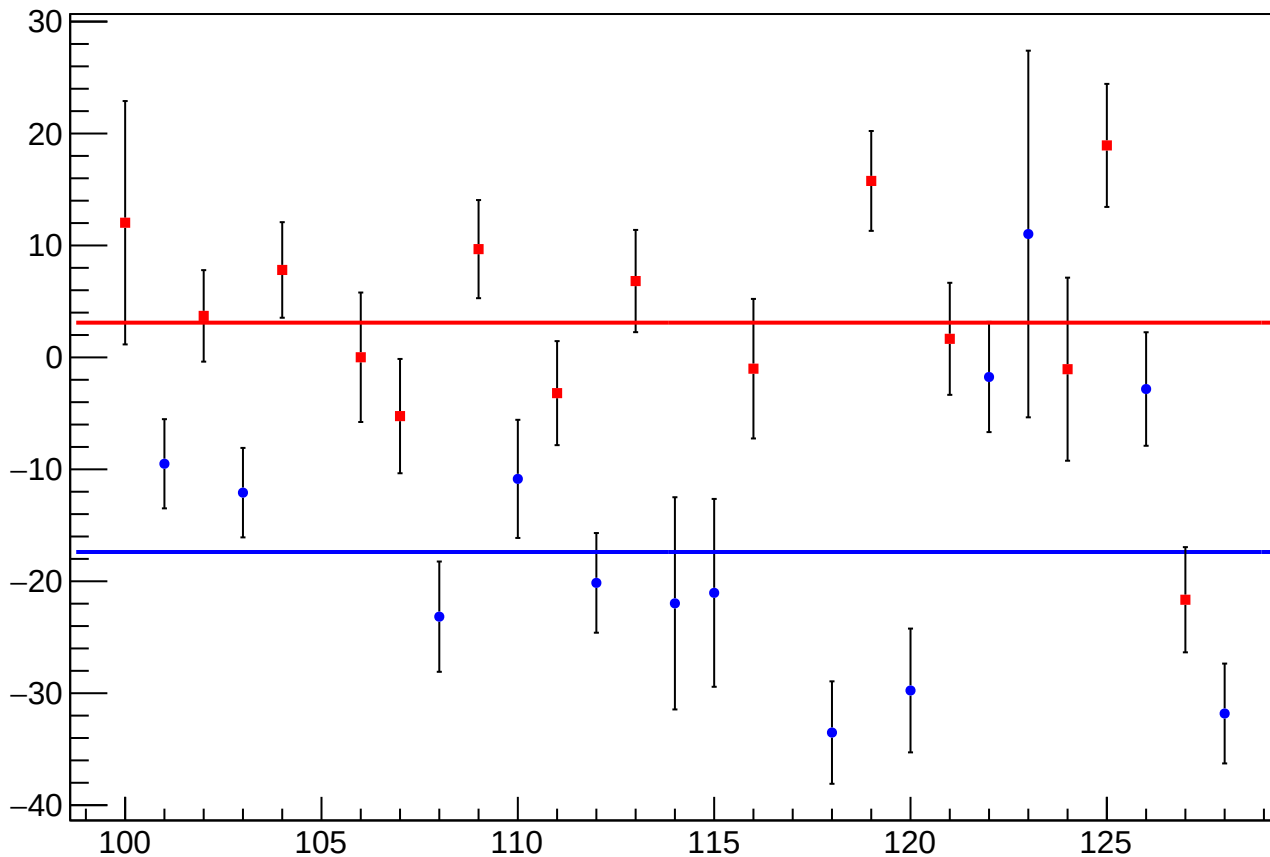
Right: 1832.820+/-0.412 χ^2/NDF : 144212.7/26

In: 1853.959+/-0.604 χ^2/NDF : 69807.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1832.820+/-0.412 χ^2/NDF : 144212.7/26

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -17.384 ± 1.424 χ^2/NDF : 58.6/12

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

Right Out: 3.104 ± 1.352 χ^2/NDF : 54.5/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

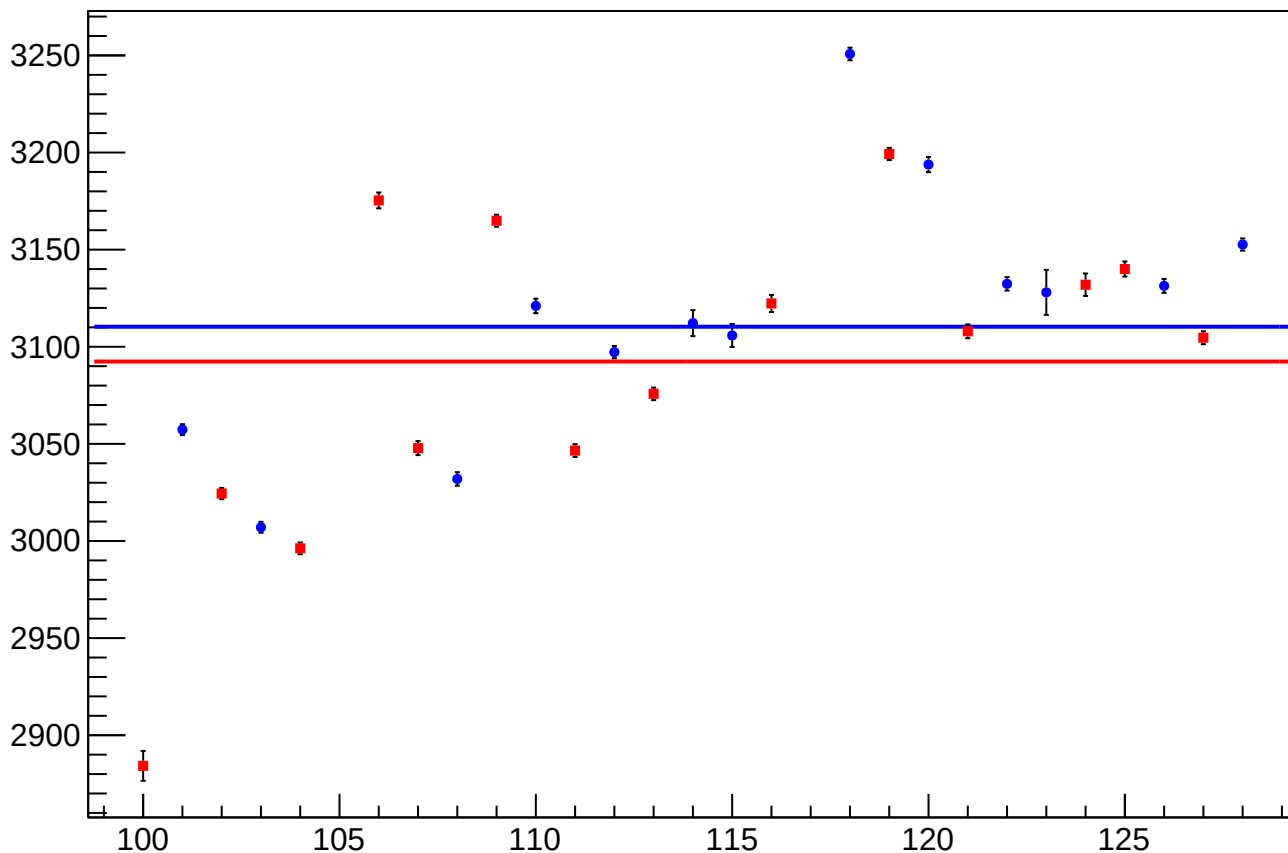
Right: -6.610 ± 0.981 χ^2/NDF : 222.0/26

In: -17.384 ± 1.424 χ^2/NDF : 58.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.610 ± 0.981 χ^2/NDF : 222.0/26

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3110.327 $\pm$ 1.007 χ^2 /NDF: 4817.7/12

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

Right Out: 3092.397 $\pm$ 0.956 χ^2 /NDF: 5057.3/13

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

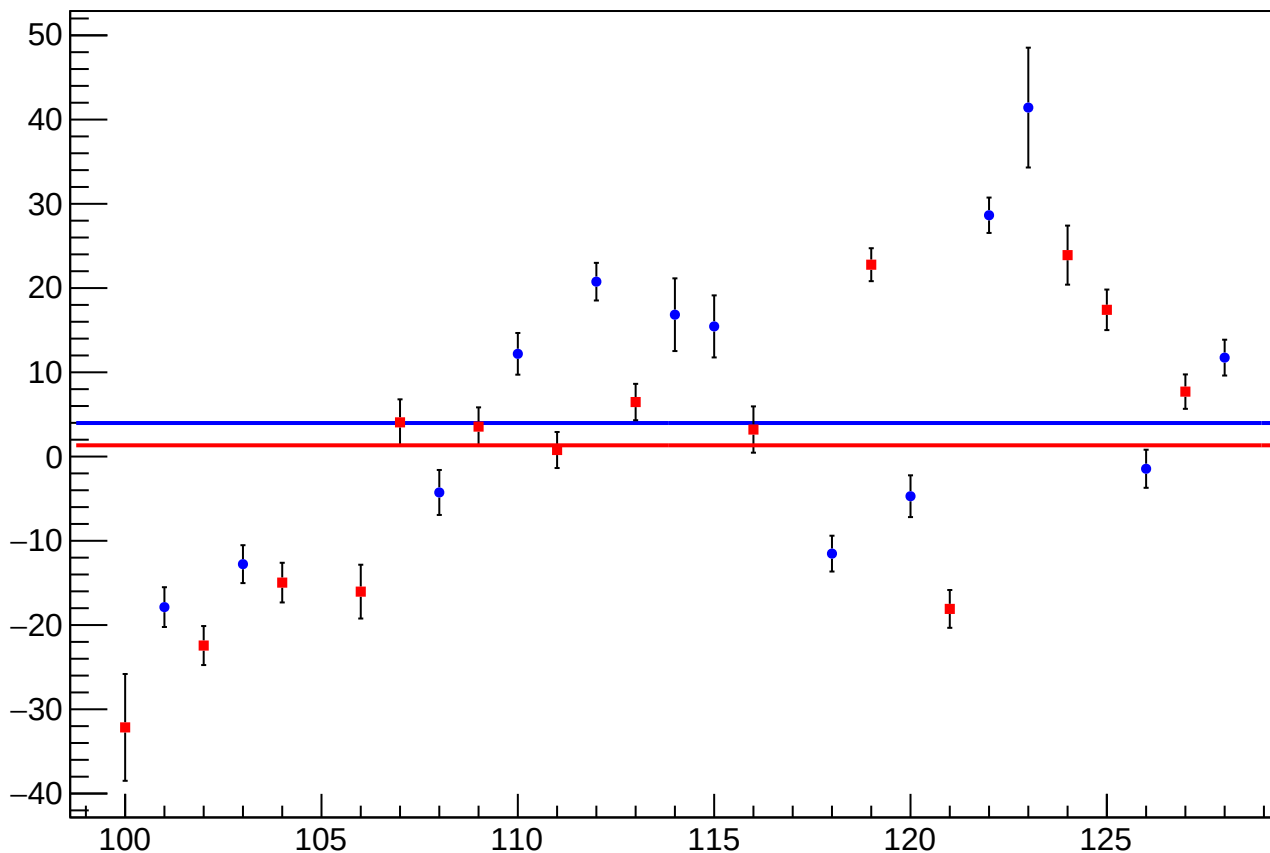
Right: 3100.898 $\pm$ 0.693 χ^2 /NDF: 10041.8/26

In: 3110.327 $\pm$ 1.007 χ^2 /NDF:4817.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3100.898 $\pm$ 0.693 χ^2 /NDF: 10041.8/26

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 3.981+/-0.697 χ^2/NDF : 486.9/12

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

Right Out: 1.334+/-0.654 χ^2/NDF : 509.8/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

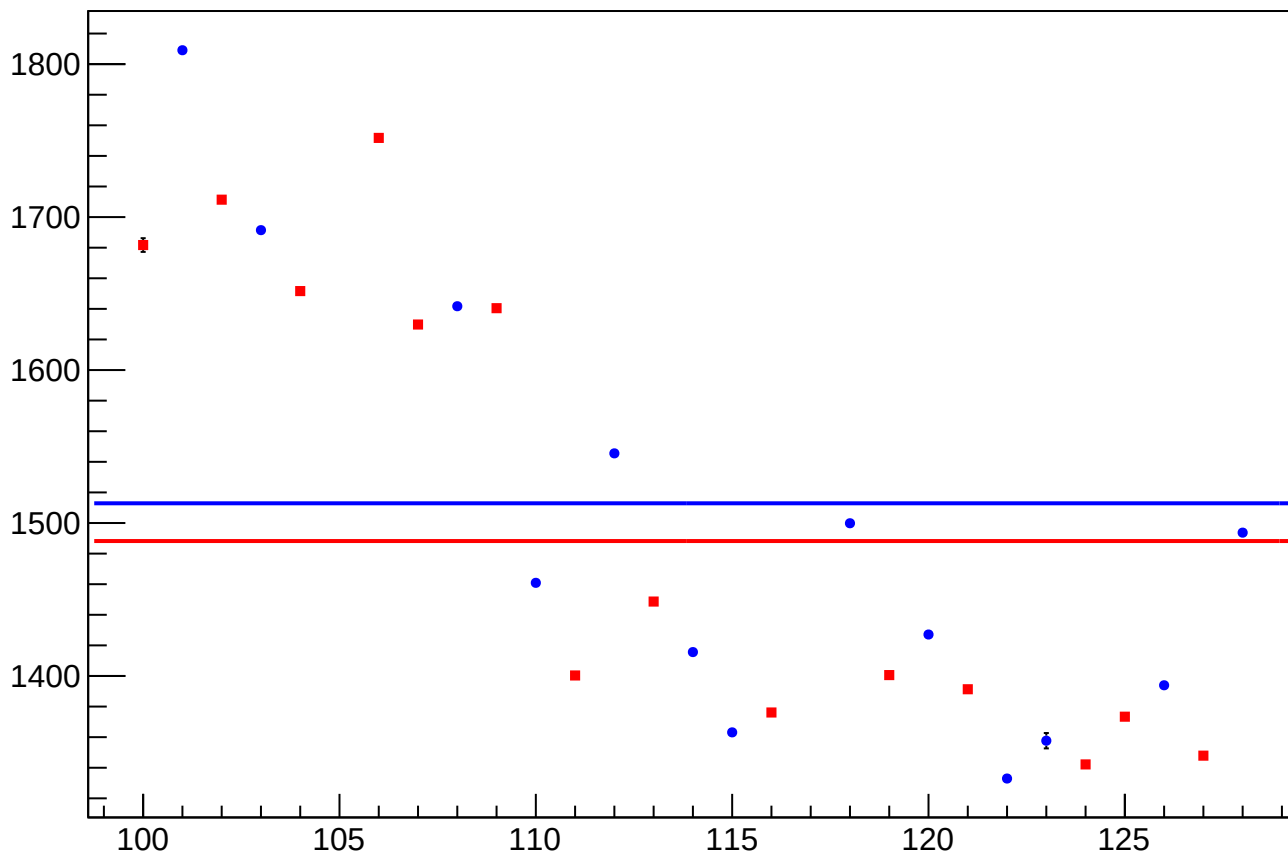
Right: 2.573+/-0.477 χ^2/NDF : 1004.3/26

In: 3.981+/-0.697 χ^2/NDF :486.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2.573+/-0.477 χ^2/NDF : 1004.3/26

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1512.888+/-0.493 χ^2/NDF : 78163.7/12

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

Right Out: 1488.216+/-0.463 χ^2/NDF : 90548.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

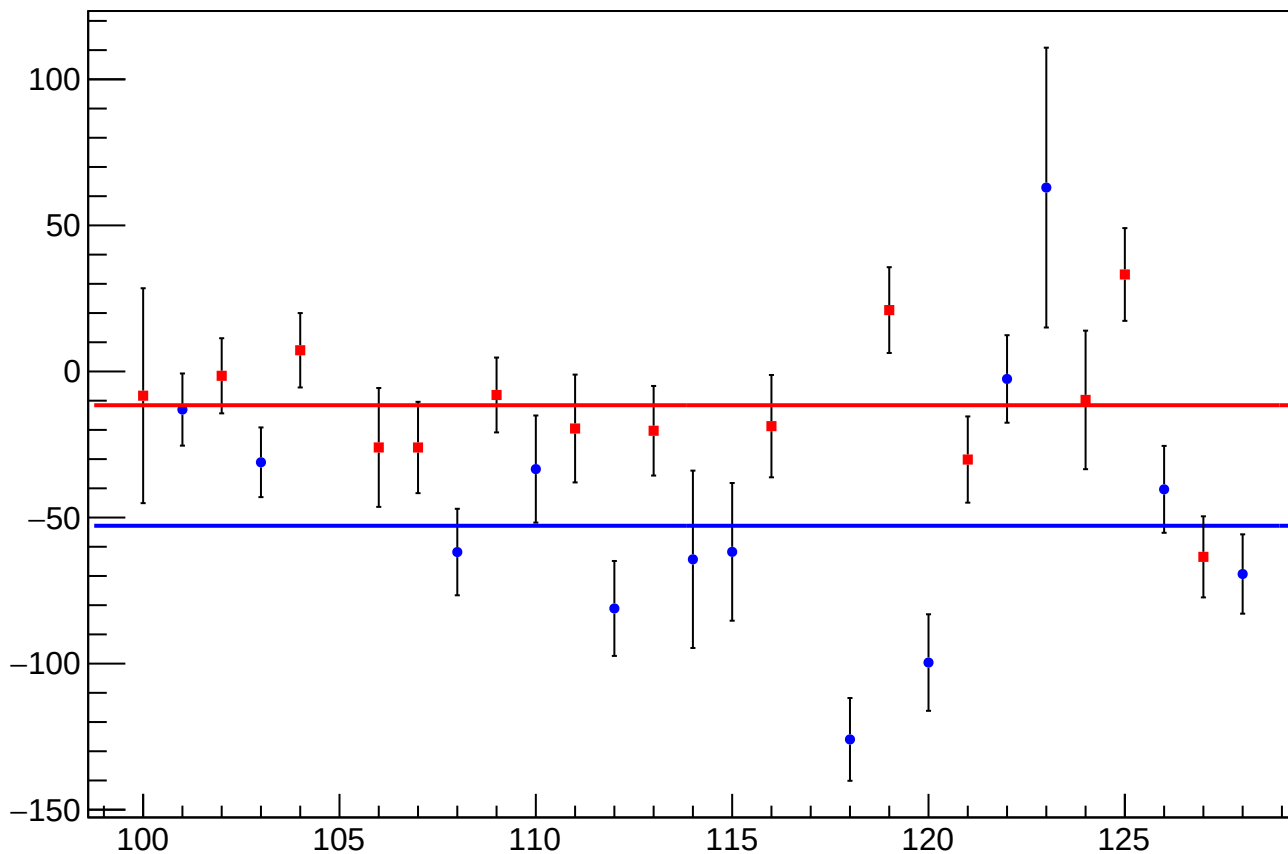
Right: 1499.769+/-0.337 χ^2/NDF : 170043.1/26

In: 1512.888+/-0.493 χ^2/NDF : 78163.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1499.769+/-0.337 χ^2/NDF : 170043.1/26

diff_bpm0l02X_mean vs Slug, Sign Corrected



Right In: -52.817 $\pm$ 4.416 χ^2/NDF : 72.5/12

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

Right Out: -11.554 $\pm$ 4.219 χ^2/NDF : 33.4/13

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

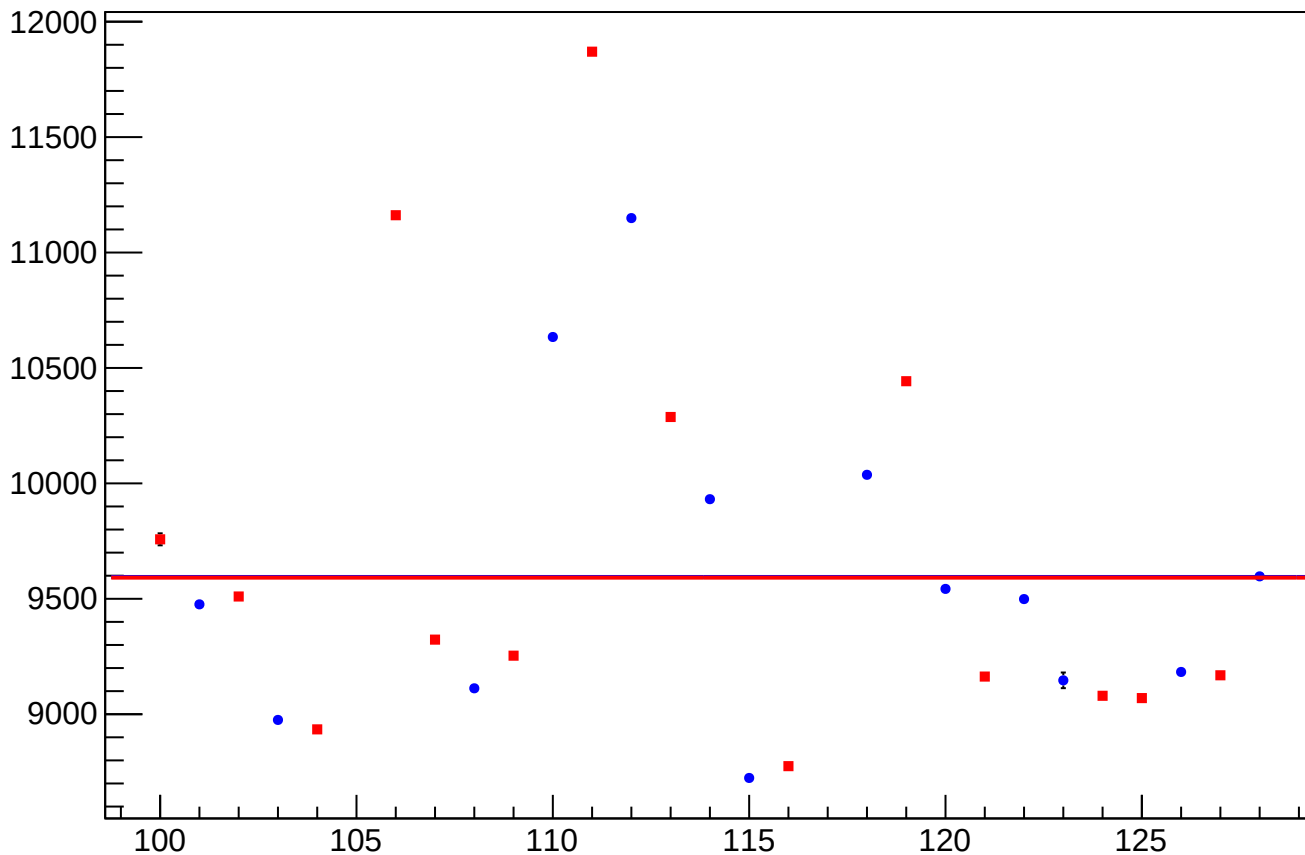
Right: -31.245 $\pm$ 3.051 χ^2/NDF : 151.5/26

In: -52.817 $\pm$ 4.416 χ^2/NDF : 72.5/12

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

All: -31.245 $\pm$ 3.051 χ^2/NDF : 151.5/26

diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9594.523+/-3.122 χ^2/NDF : 39174.5/12

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

Right Out: 9591.676+/-2.983 χ^2/NDF : 71651.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

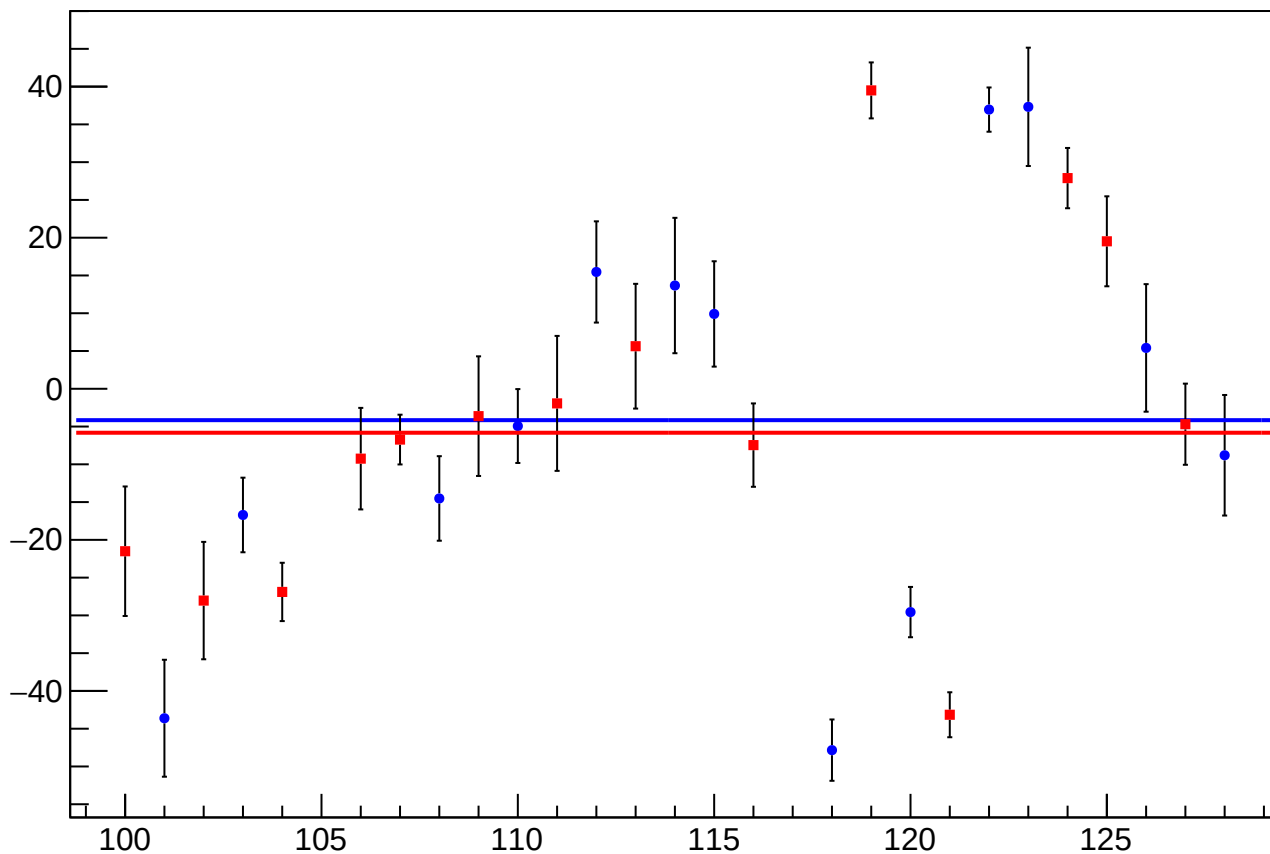
Right: 9593.035+/-2.157 χ^2/NDF : 110826.1/26

In: 9594.523+/-3.122 χ^2/NDF : 39174.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9593.035+/-2.157 χ^2/NDF : 110826.1/26

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: -4.155+/-1.414 χ^2/NDF : 453.2/12

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

Right Out: -5.820+/-1.292 χ^2/NDF : 440.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

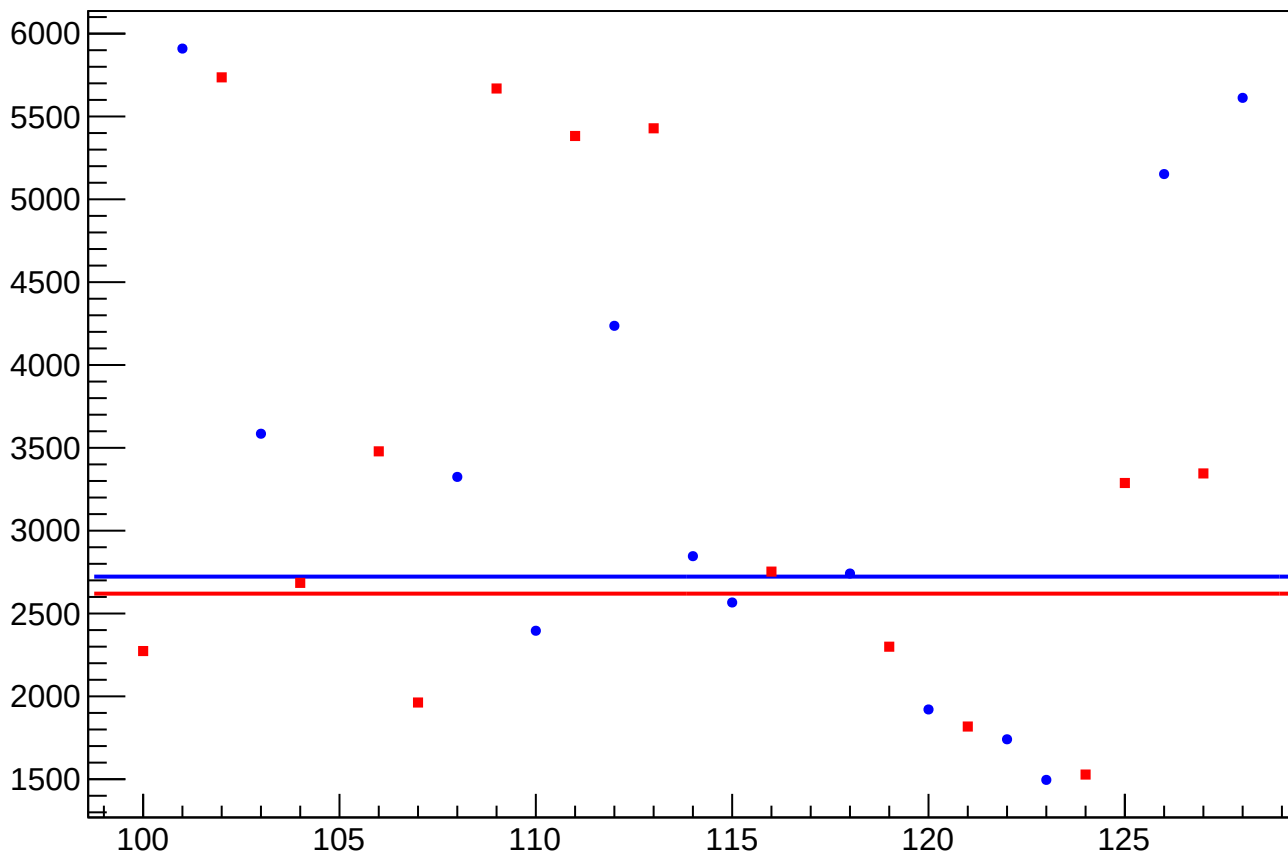
Right: -5.062+/-0.954 χ^2/NDF : 894.4/26

In: -4.155+/-1.414 χ^2/NDF : 453.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.062+/-0.954 χ^2/NDF : 894.4/26

diff_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 2722.749+/-1.000 χ^2/NDF : 1353309.4/12

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

Right Out: 2619.958+/-0.914 χ^2/NDF : 1529721.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

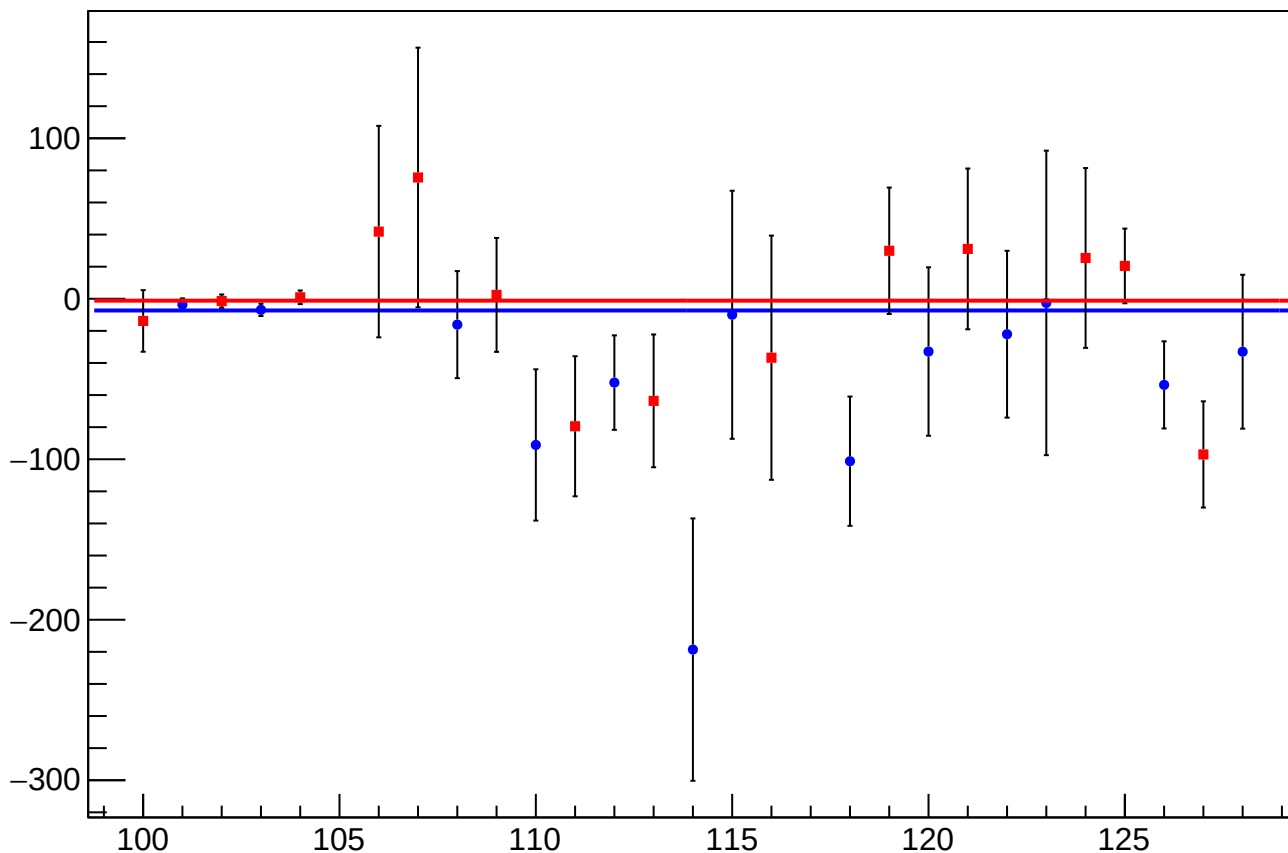
Right: 2666.734+/-0.674 χ^2/NDF : 2888791.0/26

In: 2722.749+/-1.000 χ^2/NDF : 1353309.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2666.734+/-0.674 χ^2/NDF : 2888791.0/26

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -7.293 ± 2.656 $\chi^2/\text{NDF}: 22.1/12$

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

Right Out: -1.163 ± 2.840 $\chi^2/\text{NDF}: 18.2/13$

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

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

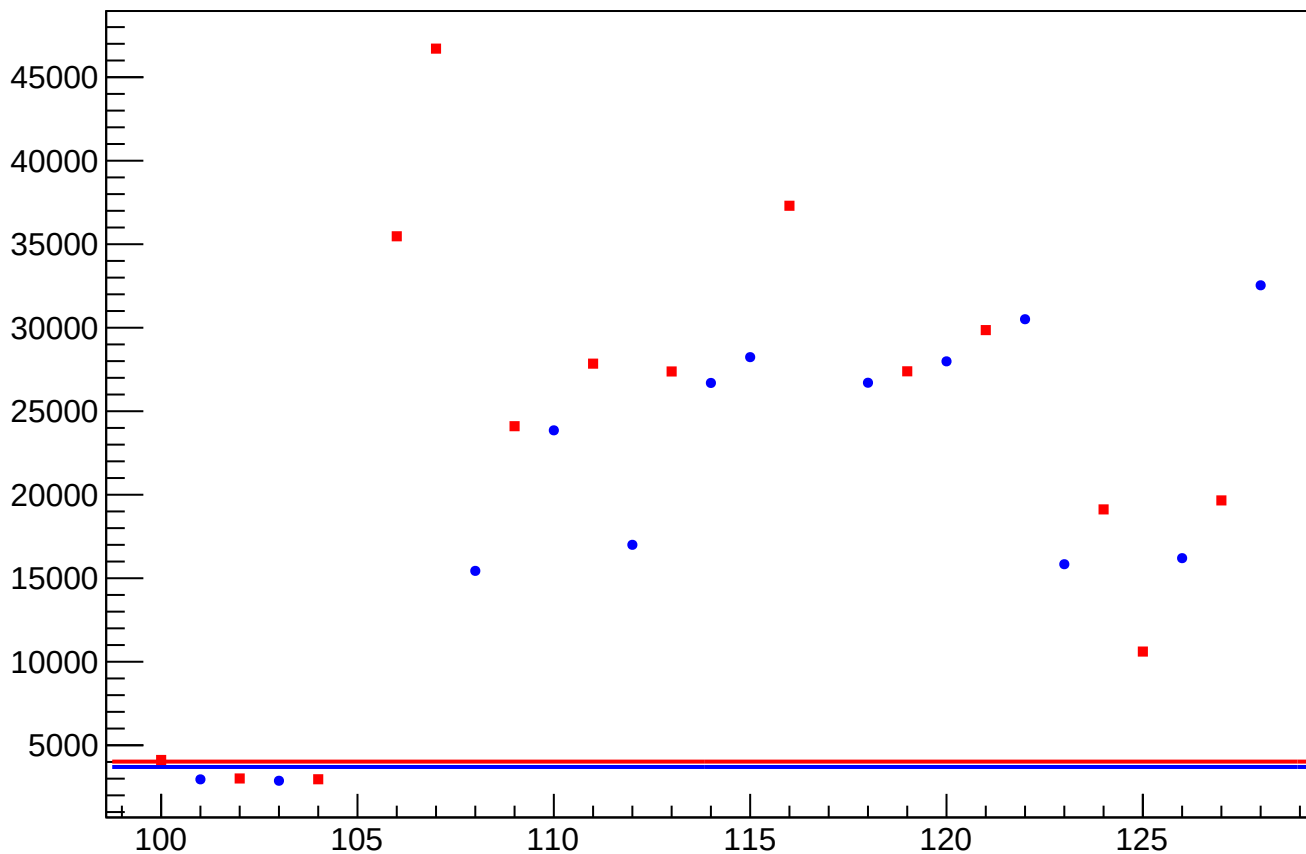
Right: -4.433 ± 1.940 $\chi^2/\text{NDF}: 42.9/26$

In: -7.293 ± 2.656 $\chi^2/\text{NDF}: 22.1/12$

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

All: -4.433 ± 1.940 $\chi^2/\text{NDF}: 42.9/26$

diff_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 3699.370+/-1.878 χ^2/NDF : 4342212.0/12

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

Right Out: 4021.029+/-2.008 χ^2/NDF : 5502031.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

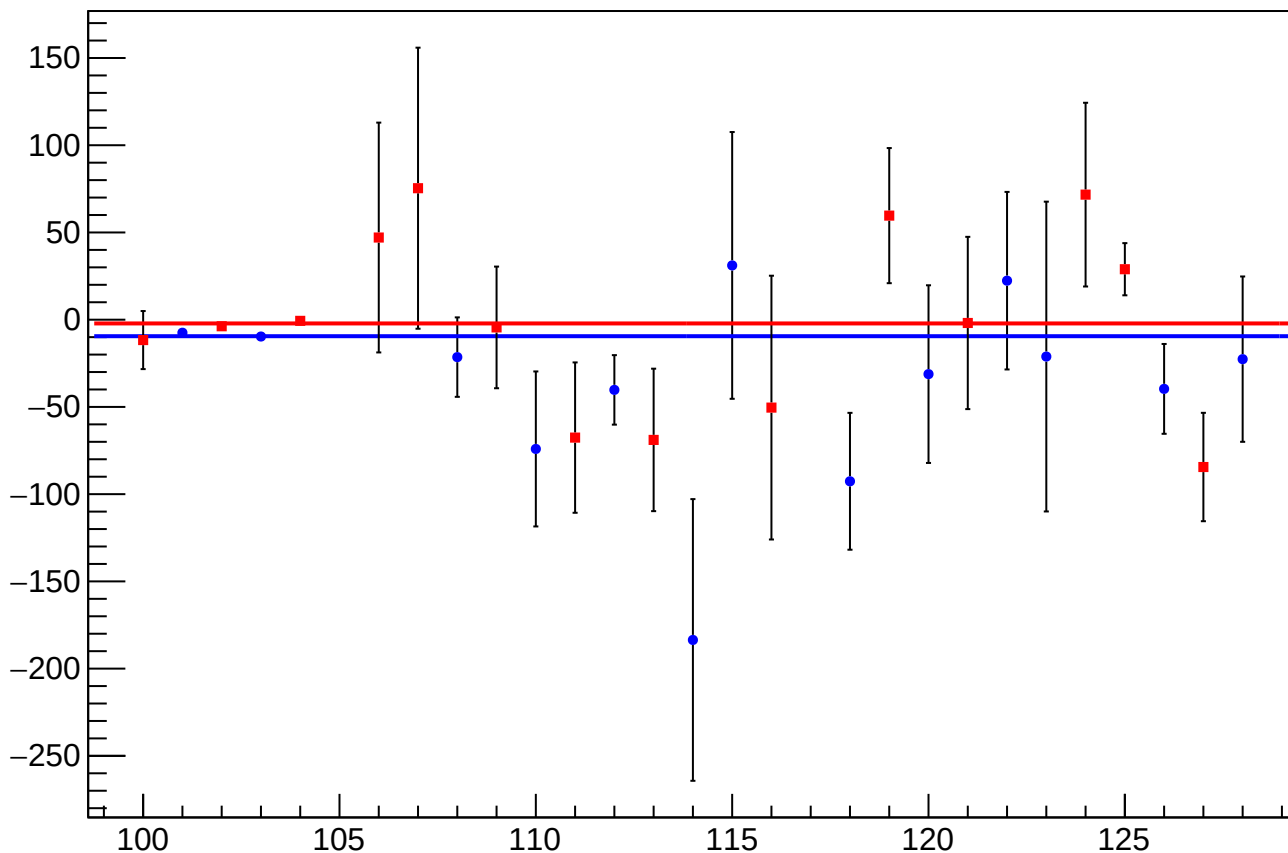
Right: 3849.475+/-1.372 χ^2/NDF : 9857930.5/26

In: 3699.370+/-1.878 χ^2/NDF : 4342212.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3849.475+/-1.372 χ^2/NDF : 9857930.5/26

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -9.462+/-1.829 χ^2/NDF : 16.8/12

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

Right Out: -2.147+/-1.962 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

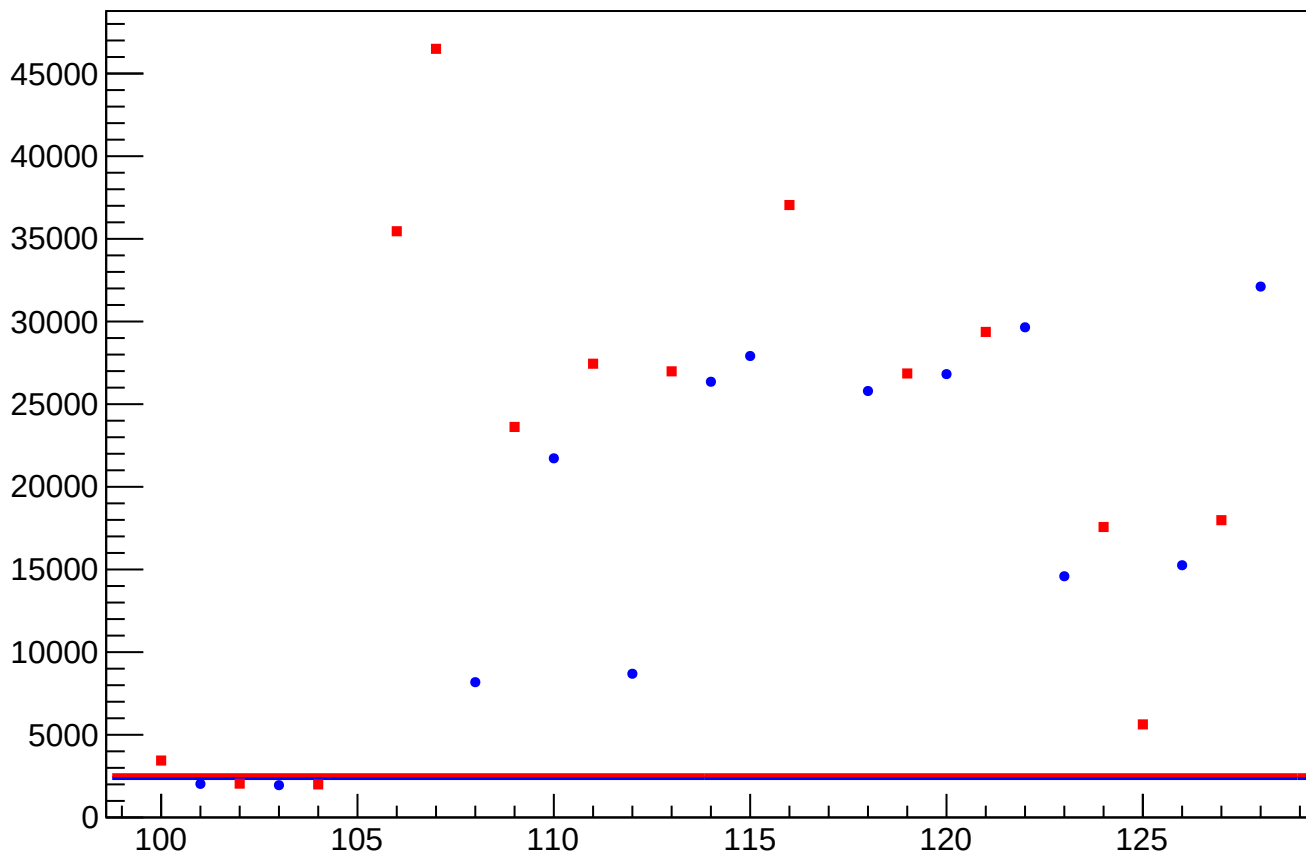
Right: -6.061+/-1.338 χ^2/NDF : 47.9/26

In: -9.462+/-1.829 χ^2/NDF : 16.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.061+/-1.338 χ^2/NDF : 47.9/26

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2384.340+/-1.293 χ^2/NDF : 4272030.7/12

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

Right Out: 2555.350+/-1.387 χ^2/NDF : 5887944.2/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

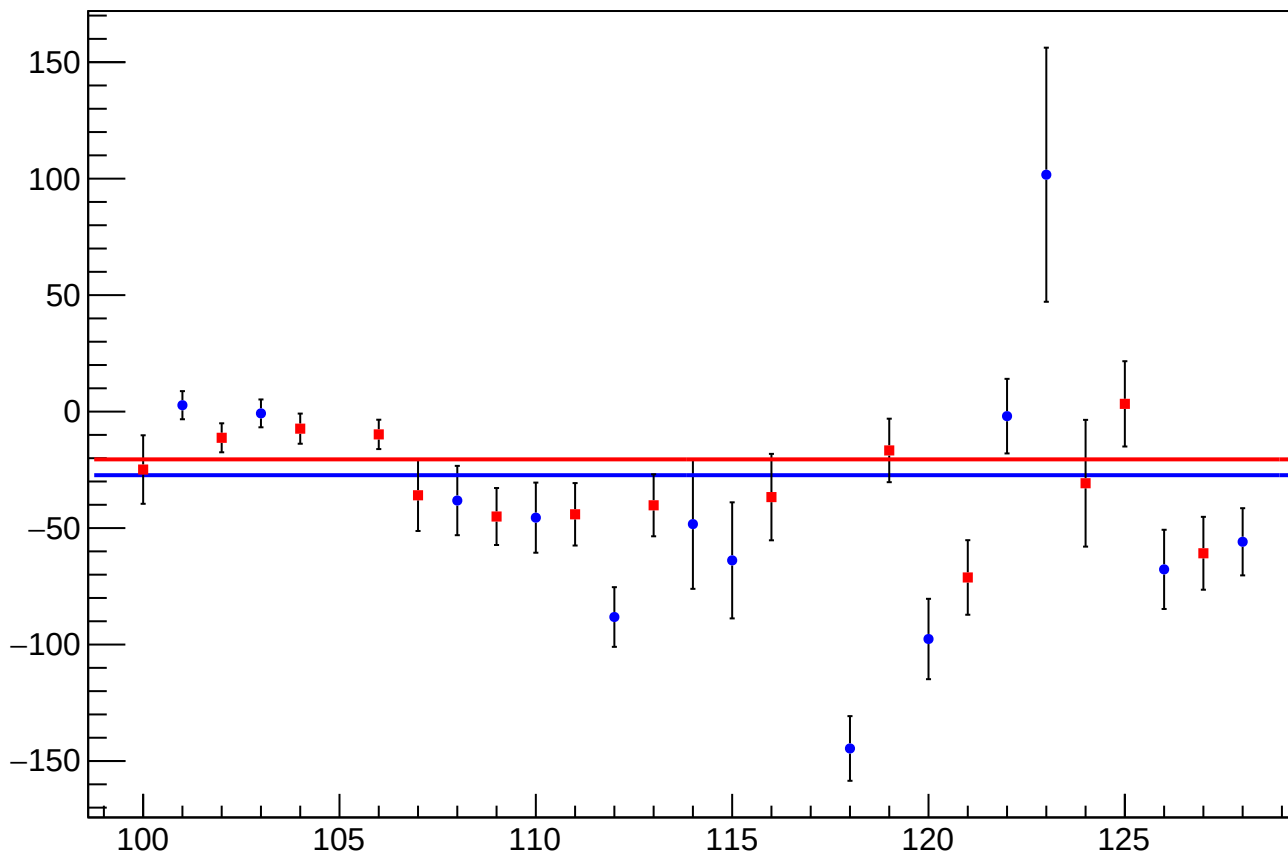
Right: 2463.860+/-0.946 χ^2/NDF : 10168104.8/26

In: 2384.340+/-1.293 χ^2/NDF :4272030.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2463.860+/-0.946 χ^2/NDF : 10168104.8/26

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -27.295+/-3.254 χ^2/NDF : 177.5/12

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

Right Out: -20.505+/-2.859 χ^2/NDF : 39.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

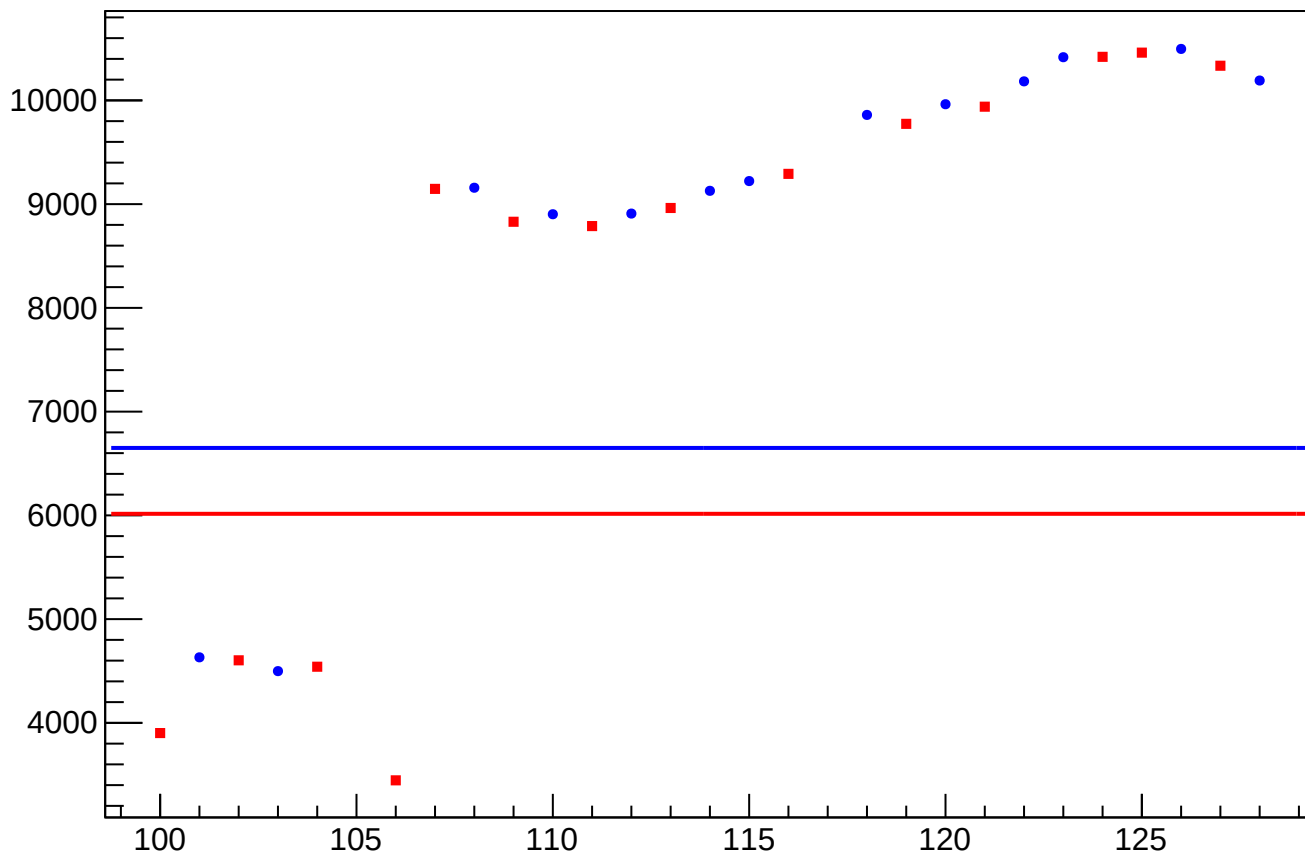
Right: -23.463+/-2.148 χ^2/NDF : 219.0/26

In: -27.295+/-3.254 χ^2/NDF : 177.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.463+/-2.148 χ^2/NDF : 219.0/26

diff_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 6650.075+/-2.301 χ^2/NDF : 1194365.3/12

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

Right Out: 6015.125+/-2.022 χ^2/NDF : 1611502.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

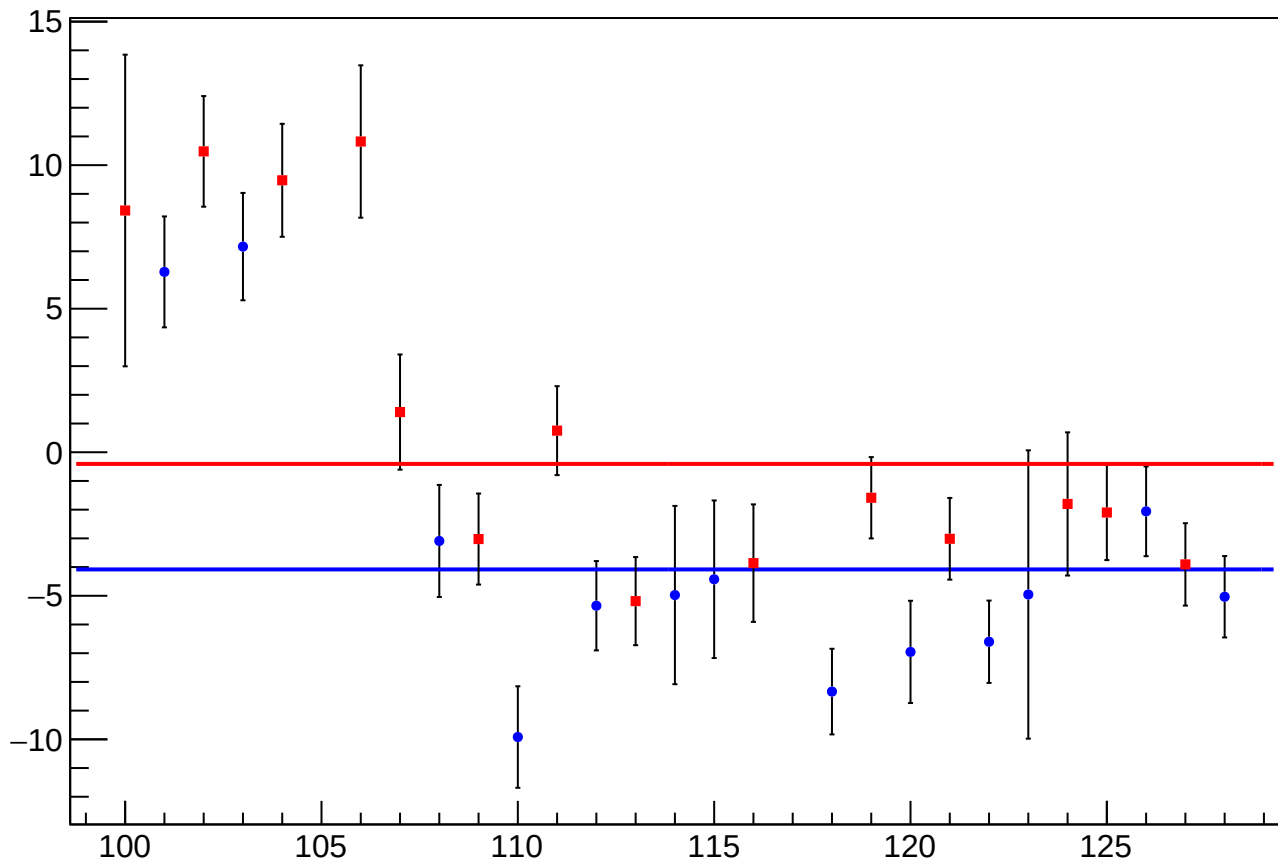
Right: 6291.742+/-1.519 χ^2/NDF : 2848831.6/26

In: 6650.075+/-2.301 χ^2/NDF : 1194365.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6291.742+/-1.519 χ^2/NDF : 2848831.6/26

diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -4.082 ± 0.501 χ^2/NDF : 92.8/12

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

Right Out: -0.407 ± 0.475 χ^2/NDF : 105.7/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

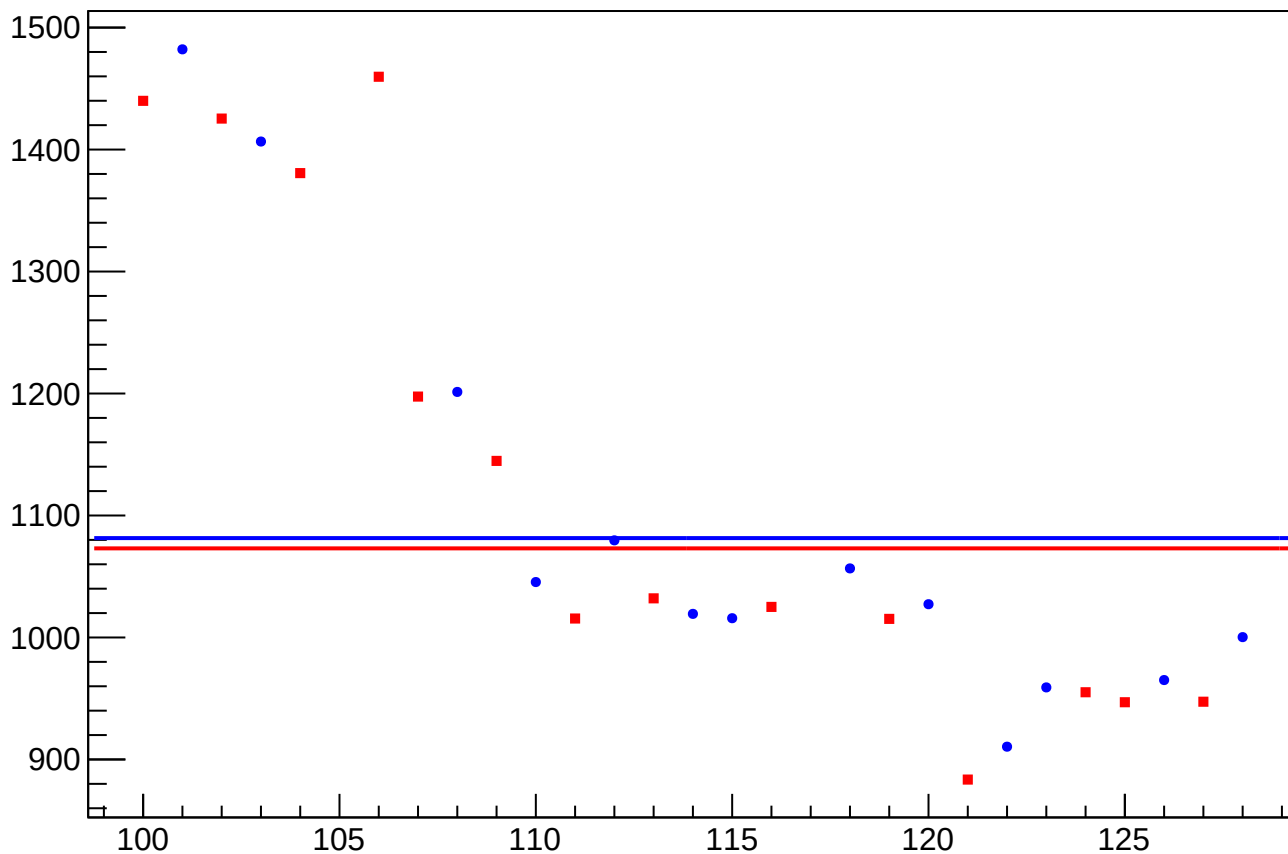
Right: -2.146 ± 0.345 χ^2/NDF : 226.9/26

In: -4.082 ± 0.501 χ^2/NDF : 92.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.146 ± 0.345 χ^2/NDF : 226.9/26

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1081.474+/-0.354 χ^2/NDF : 206482.1/12

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

Right Out: 1073.047+/-0.336 χ^2/NDF : 254642.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

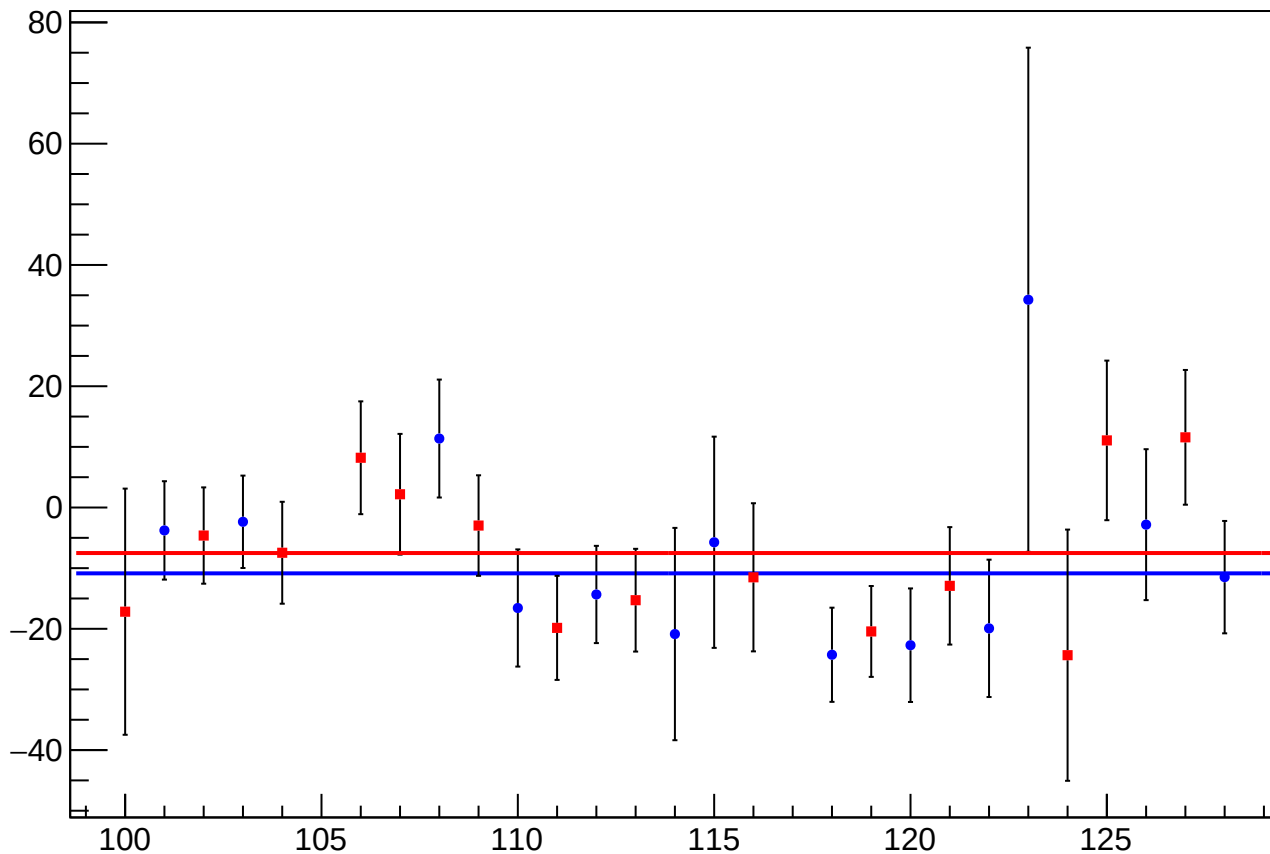
Right: 1077.036+/-0.244 χ^2/NDF : 461422.4/26

In: 1081.474+/-0.354 χ^2/NDF : 206482.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1077.036+/-0.244 χ^2/NDF : 461422.4/26

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -10.856 ± 2.770 χ^2/NDF : 15.0/12

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

Right Out: -7.506 ± 2.603 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

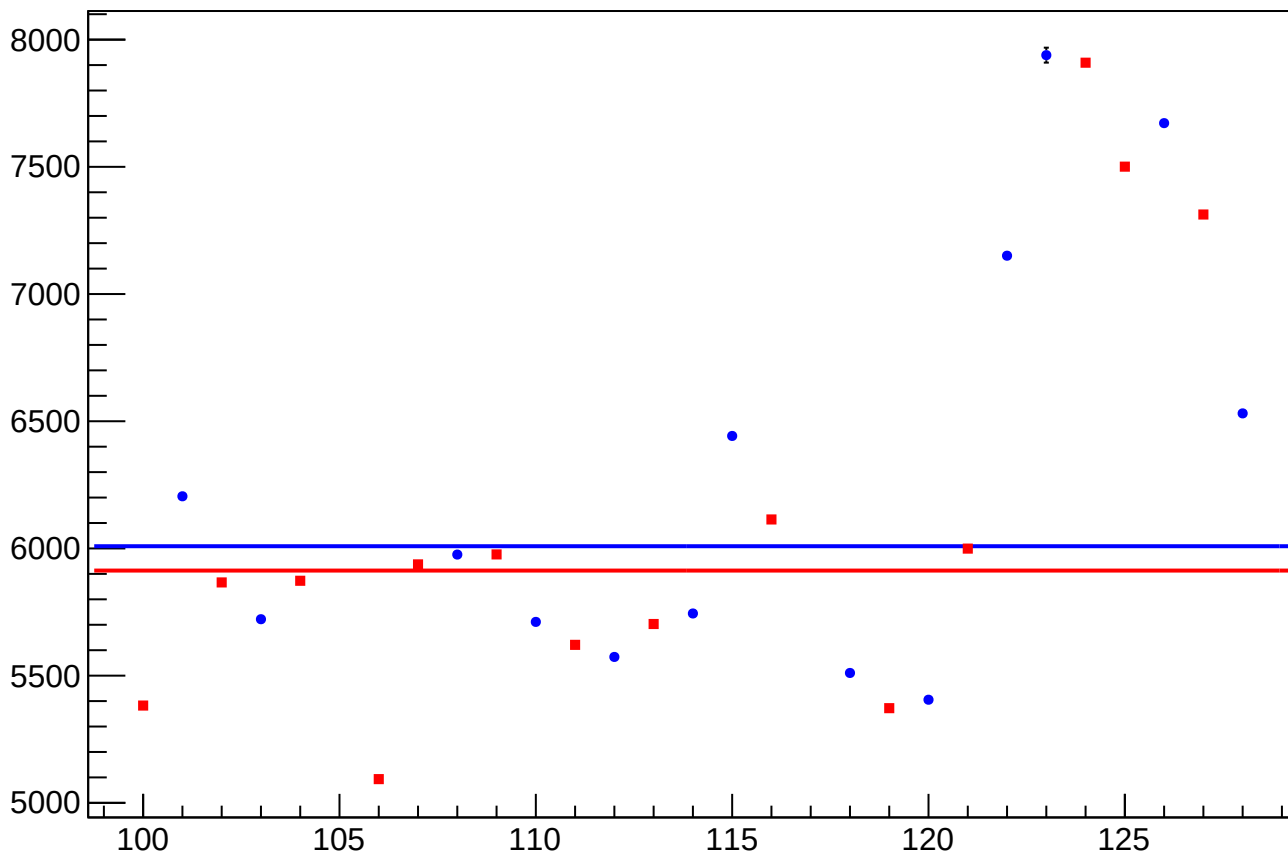
Right: -9.077 ± 1.897 χ^2/NDF : 32.2/26

In: -10.856 ± 2.770 χ^2/NDF : 15.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.077 ± 1.897 χ^2/NDF : 32.2/26

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 6008.755+/-1.959 χ^2/NDF : 96768.4/12

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

Right Out: 5913.056+/-1.841 χ^2/NDF : 111241.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

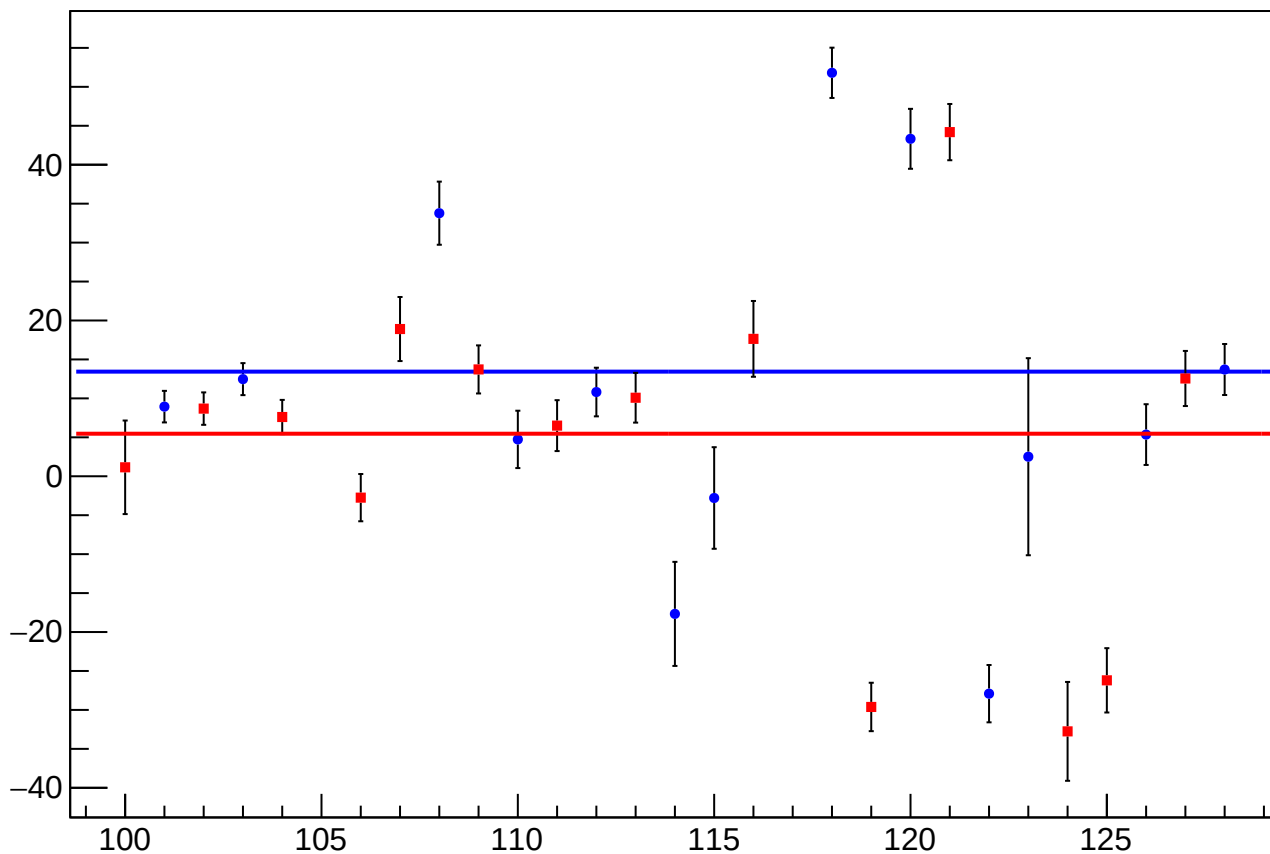
Right: 5957.935+/-1.341 χ^2/NDF : 209277.3/26

In: 6008.755+/-1.959 χ^2/NDF : 96768.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5957.935+/-1.341 χ^2/NDF : 209277.3/26

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 13.434+/-0.926 χ^2/NDF : 397.4/12

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

Right Out: 5.463+/-0.872 χ^2/NDF : 379.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

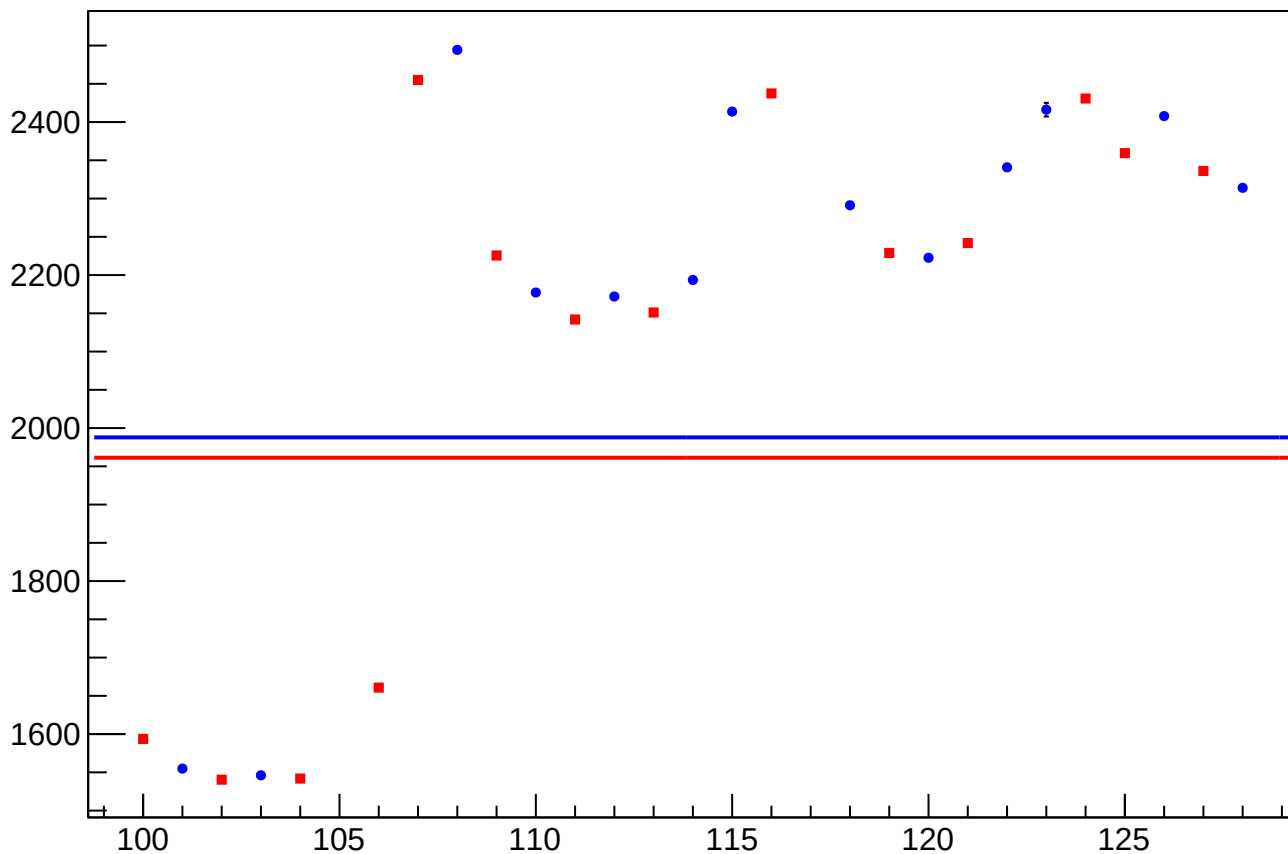
Right: 9.208+/-0.635 χ^2/NDF : 815.6/26

In: 13.434+/-0.926 χ^2/NDF : 397.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.208+/-0.635 χ^2/NDF : 815.6/26

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 1987.843+/-0.655 χ^2/NDF : 326513.5/12

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

Right Out: 1961.235+/-0.616 χ^2/NDF : 336395.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

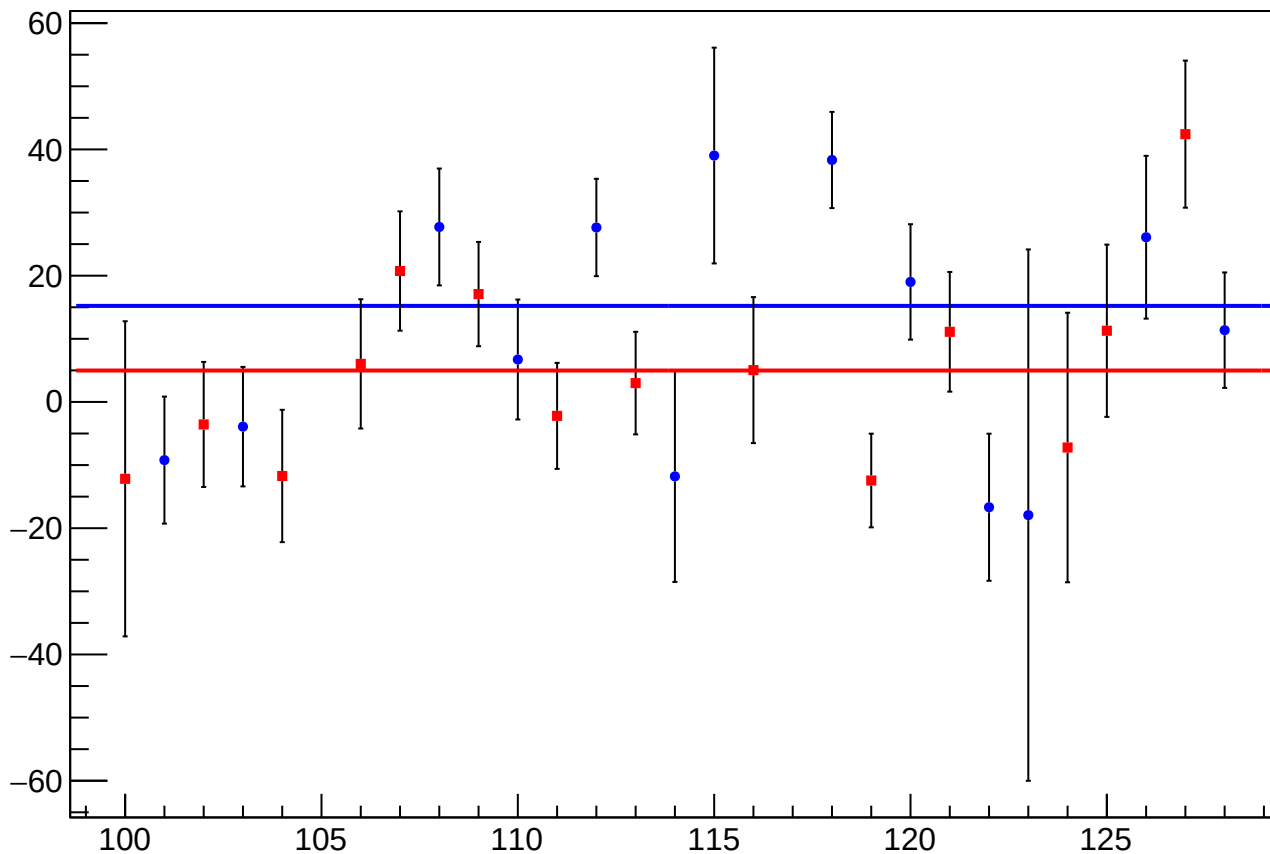
Right: 1973.737+/-0.449 χ^2/NDF : 663784.3/26

In: 1987.843+/-0.655 χ^2/NDF : 326513.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1973.737+/-0.449 χ^2/NDF : 663784.3/26

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 15.216+/-2.854 χ^2/NDF : 38.1/12

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

Right Out: 4.979+/-2.698 χ^2/NDF : 26.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

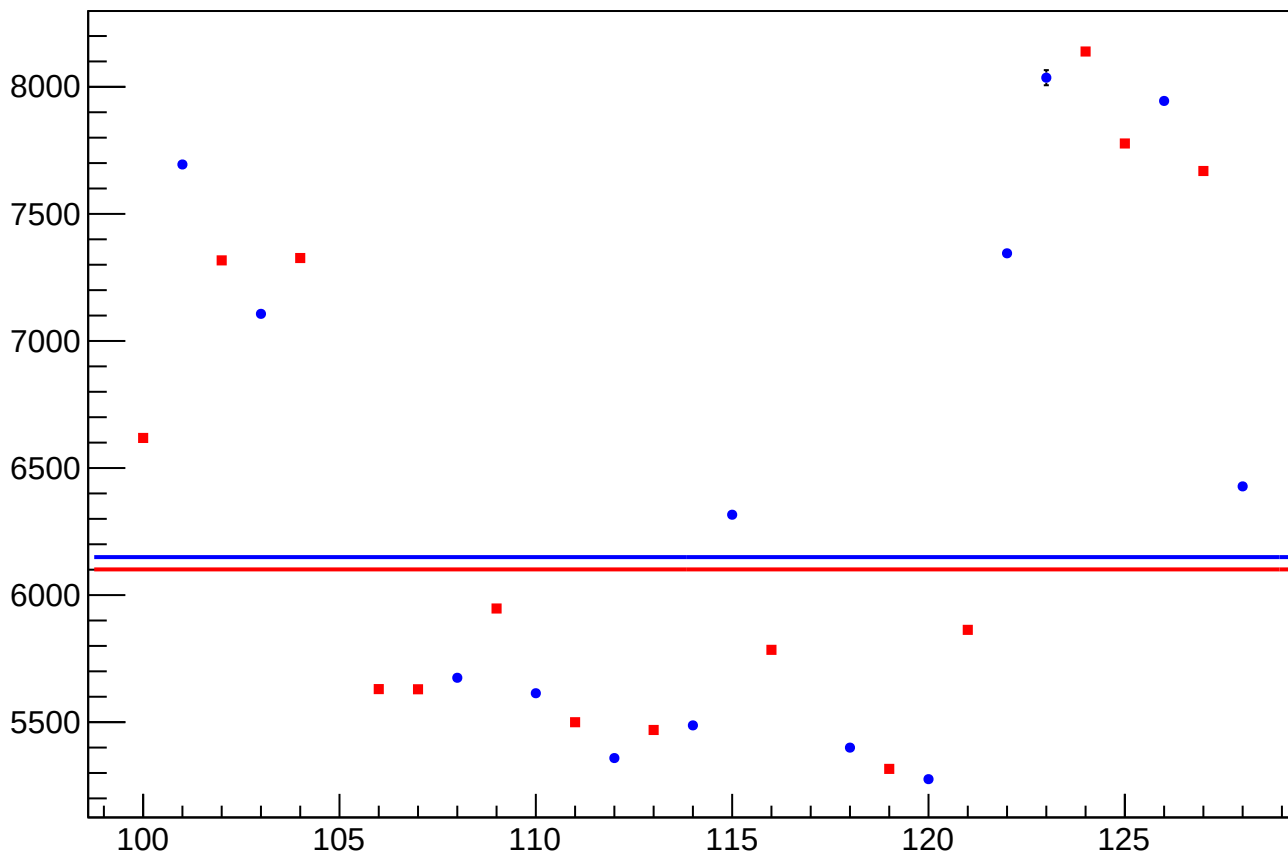
Right: 9.810+/-1.961 χ^2/NDF : 71.2/26

In: 15.216+/-2.854 χ^2/NDF : 38.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.810+/-1.961 χ^2/NDF : 71.2/26

diff_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 6149.490+/-2.018 χ^2/NDF : 206973.8/12

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

Right Out: 6101.055+/-1.908 χ^2/NDF : 200372.6/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

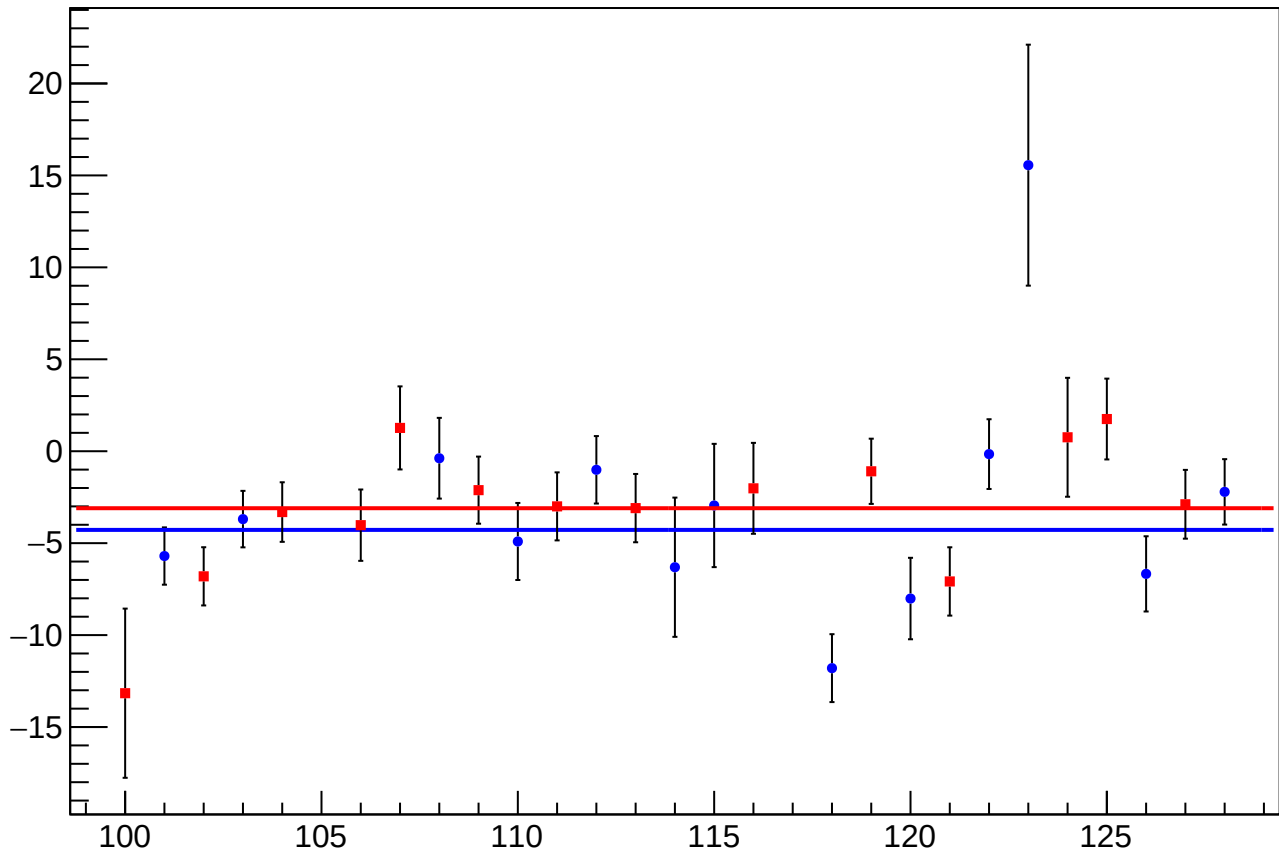
Right: 6123.913+/-1.387 χ^2/NDF : 407650.5/26

In: 6149.490+/-2.018 χ^2/NDF :206973.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6123.913+/-1.387 χ^2/NDF : 407650.5/26

diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -4.279+/-0.570 χ^2/NDF : 43.9/12

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

Right Out: -3.100+/-0.532 χ^2/NDF : 26.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

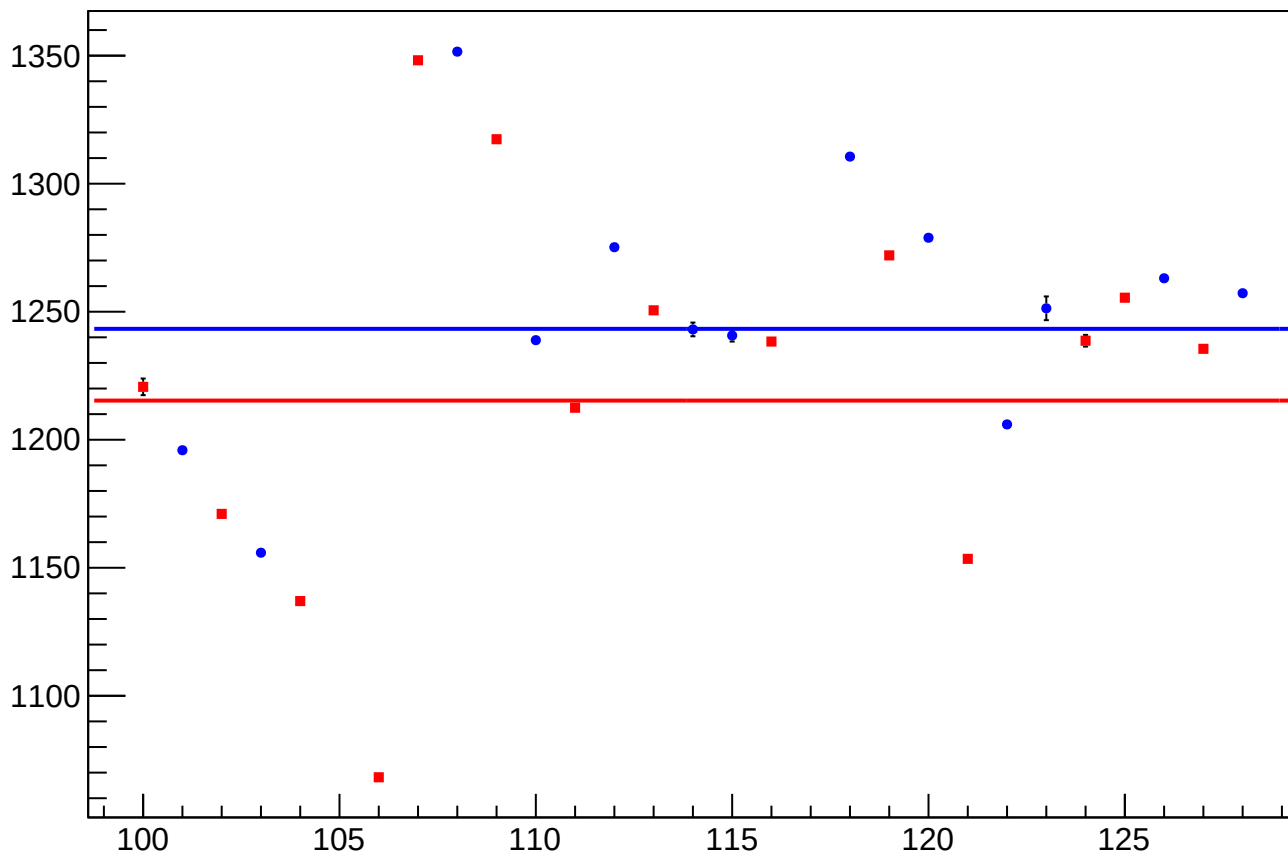
Right: -3.649+/-0.389 χ^2/NDF : 73.1/26

In: -4.279+/-0.570 χ^2/NDF : 43.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.649+/-0.389 χ^2/NDF : 73.1/26

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1243.313+/-0.403 χ^2/NDF : 18062.9/12

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

Right Out: 1215.299+/-0.376 χ^2/NDF : 37084.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

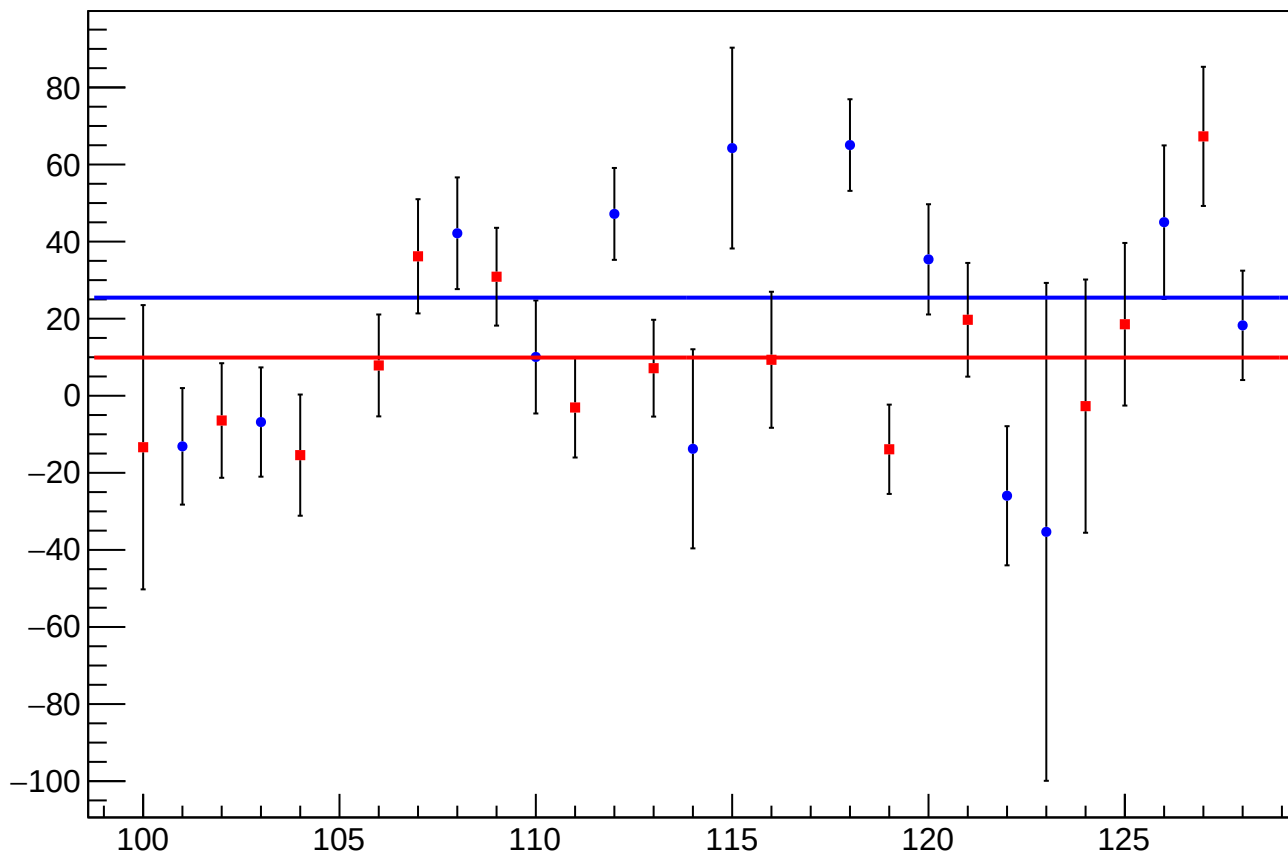
Right: 1228.351+/-0.275 χ^2/NDF : 57729.7/26

In: 1243.313+/-0.403 χ^2/NDF : 18062.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1228.351+/-0.275 χ^2/NDF : 57729.7/26

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: 25.458 $\pm$ 4.406 χ^2 /NDF: 43.8/12

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

Right Out: 9.912 $\pm$ 4.097 χ^2 /NDF: 26.2/13

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

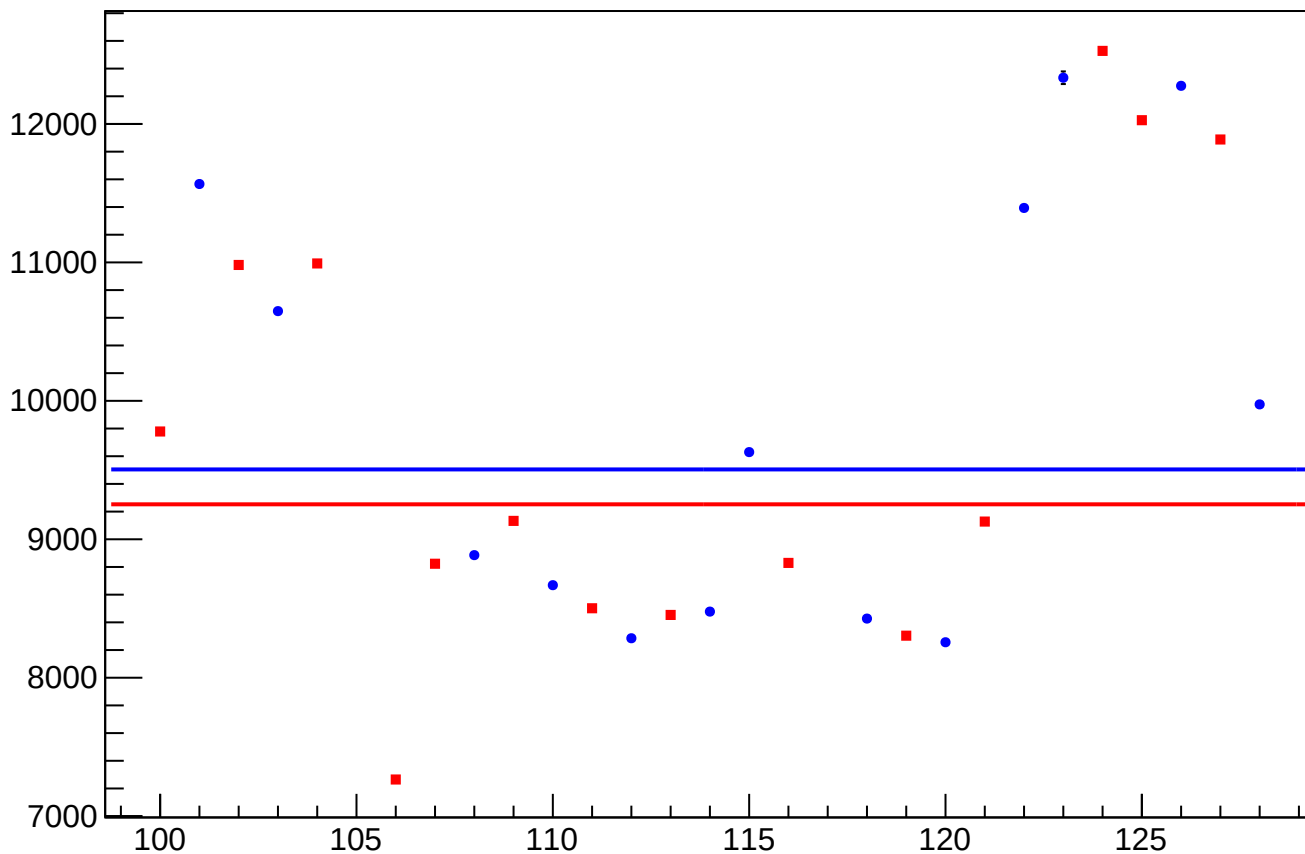
Right: 17.122 $\pm$ 3.000 χ^2 /NDF: 76.7/26

In: 25.458 $\pm$ 4.406 χ^2 /NDF:43.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 17.122 $\pm$ 3.000 χ^2 /NDF: 76.7/26

diff_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 9504.596+/-3.115 χ^2/NDF : 182742.5/12

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

Right Out: 9252.561+/-2.897 χ^2/NDF : 225614.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

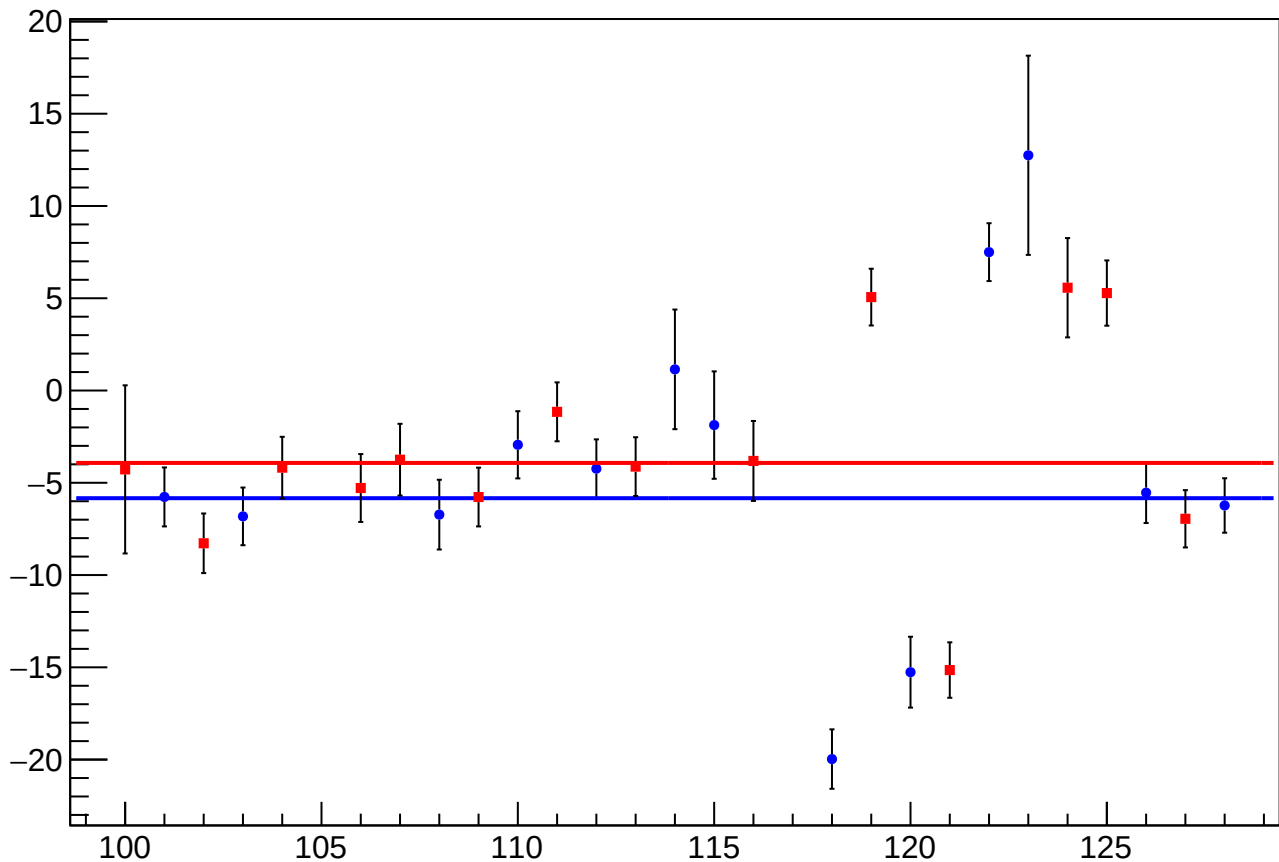
Right: 9369.451+/-2.122 χ^2/NDF : 411867.3/26

In: 9504.596+/-3.115 χ^2/NDF : 182742.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9369.451+/-2.122 χ^2/NDF : 411867.3/26

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -5.835+/-0.505 χ^2/NDF : 196.1/12

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

Right Out: -3.924+/-0.472 χ^2/NDF : 145.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

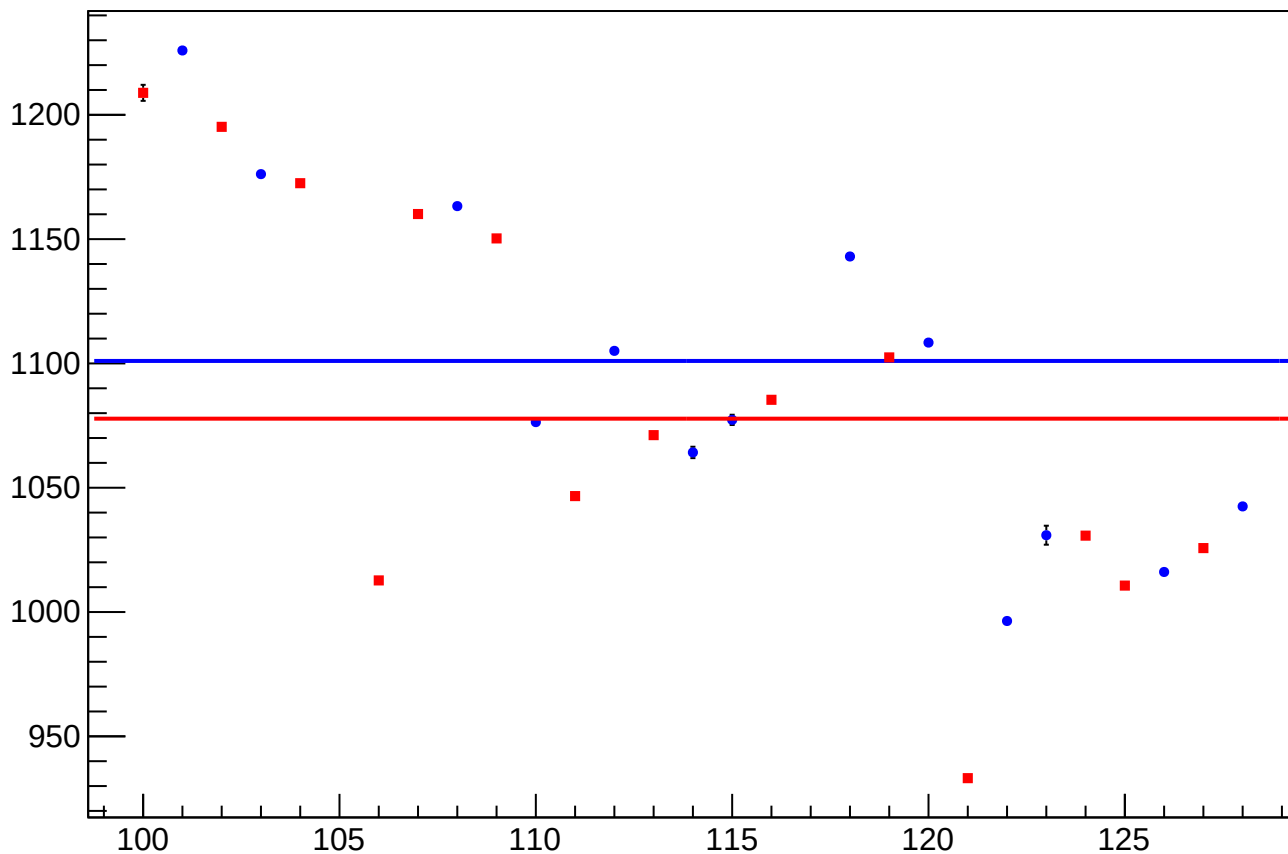
Right: -4.816+/-0.345 χ^2/NDF : 349.2/26

In: -5.835+/-0.505 χ^2/NDF : 196.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.816+/-0.345 χ^2/NDF : 349.2/26

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1101.003+/-0.357 χ^2/NDF : 38888.9/12

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

Right Out: 1077.782+/-0.334 χ^2/NDF : 54469.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

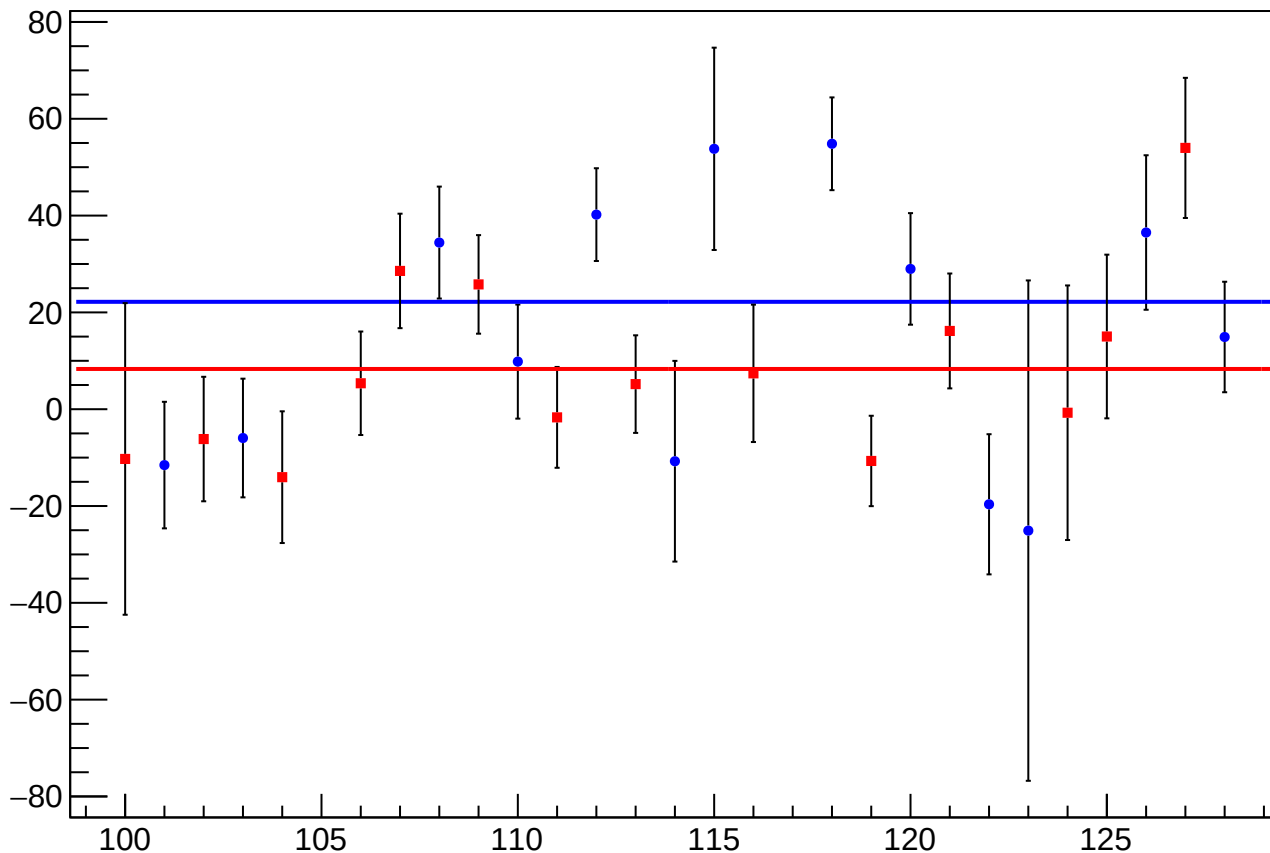
Right: 1088.613+/-0.244 χ^2/NDF : 95613.2/26

In: 1101.003+/-0.357 χ^2/NDF : 38888.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1088.613+/-0.244 χ^2/NDF : 95613.2/26

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 22.186+/-3.584 χ^2/NDF : 44.8/12

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

Right Out: 8.314+/-3.328 χ^2/NDF : 26.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

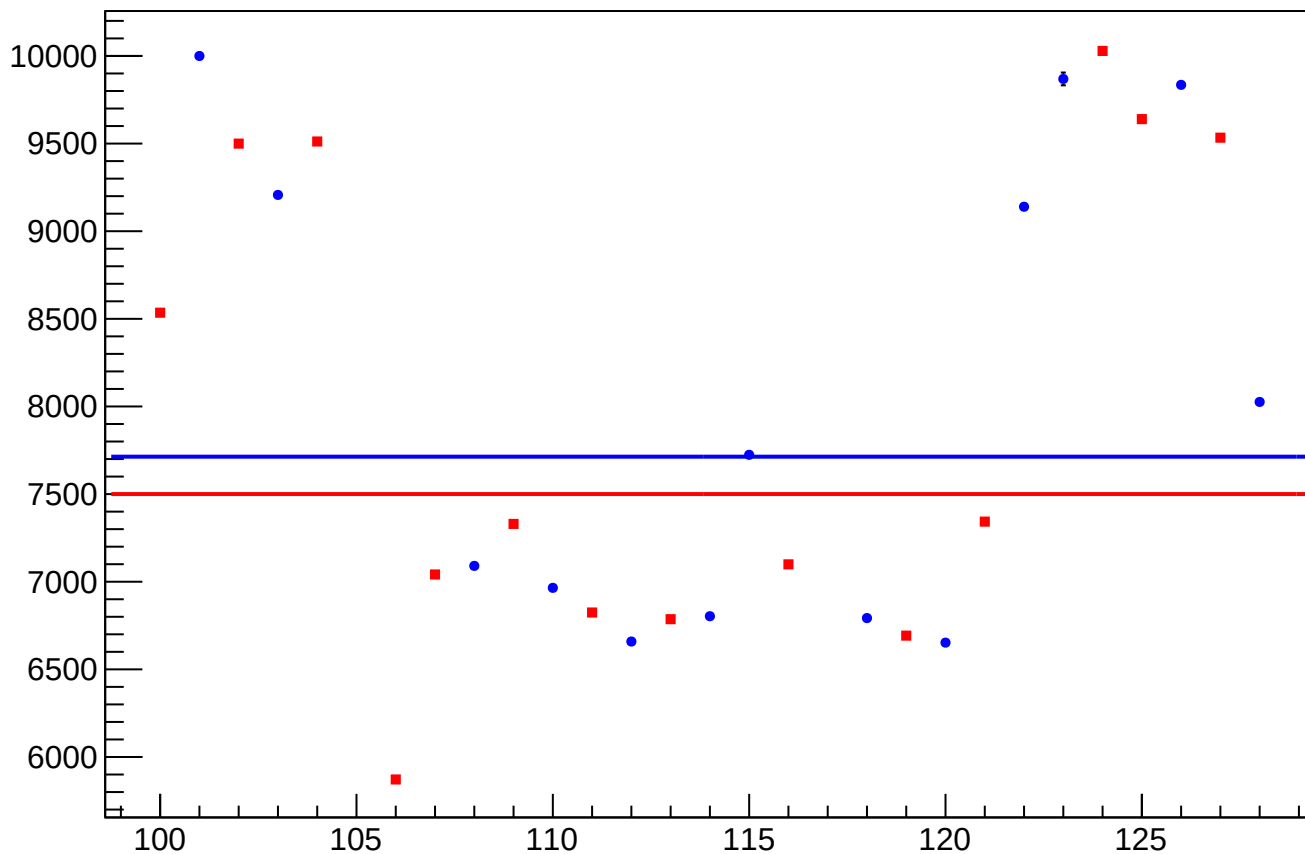
Right: 14.738+/-2.439 χ^2/NDF : 79.0/26

In: 22.186+/-3.584 χ^2/NDF : 44.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.738+/-2.439 χ^2/NDF : 79.0/26

diff_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 7713.519+/-2.534 χ^2/NDF : 227965.7/12

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

Right Out: 7500.218+/-2.353 χ^2/NDF : 269463.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

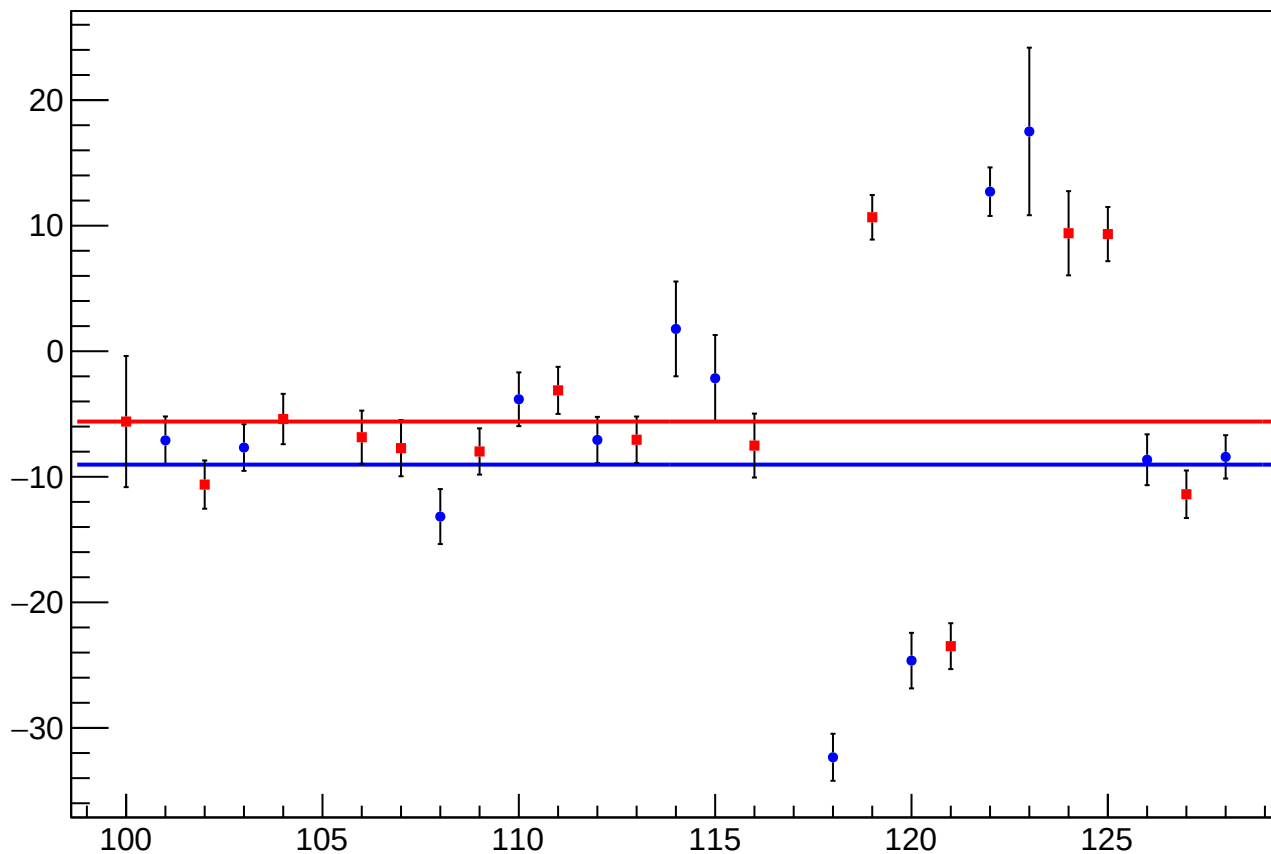
Right: 7598.996+/-1.724 χ^2/NDF : 501232.7/26

In: 7713.519+/-2.534 χ^2/NDF : 227965.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7598.996+/-1.724 χ^2/NDF : 501232.7/26

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -9.030 ± 0.597 χ^2/NDF : 371.6/12

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

Right Out: -5.601 ± 0.559 χ^2/NDF : 269.7/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

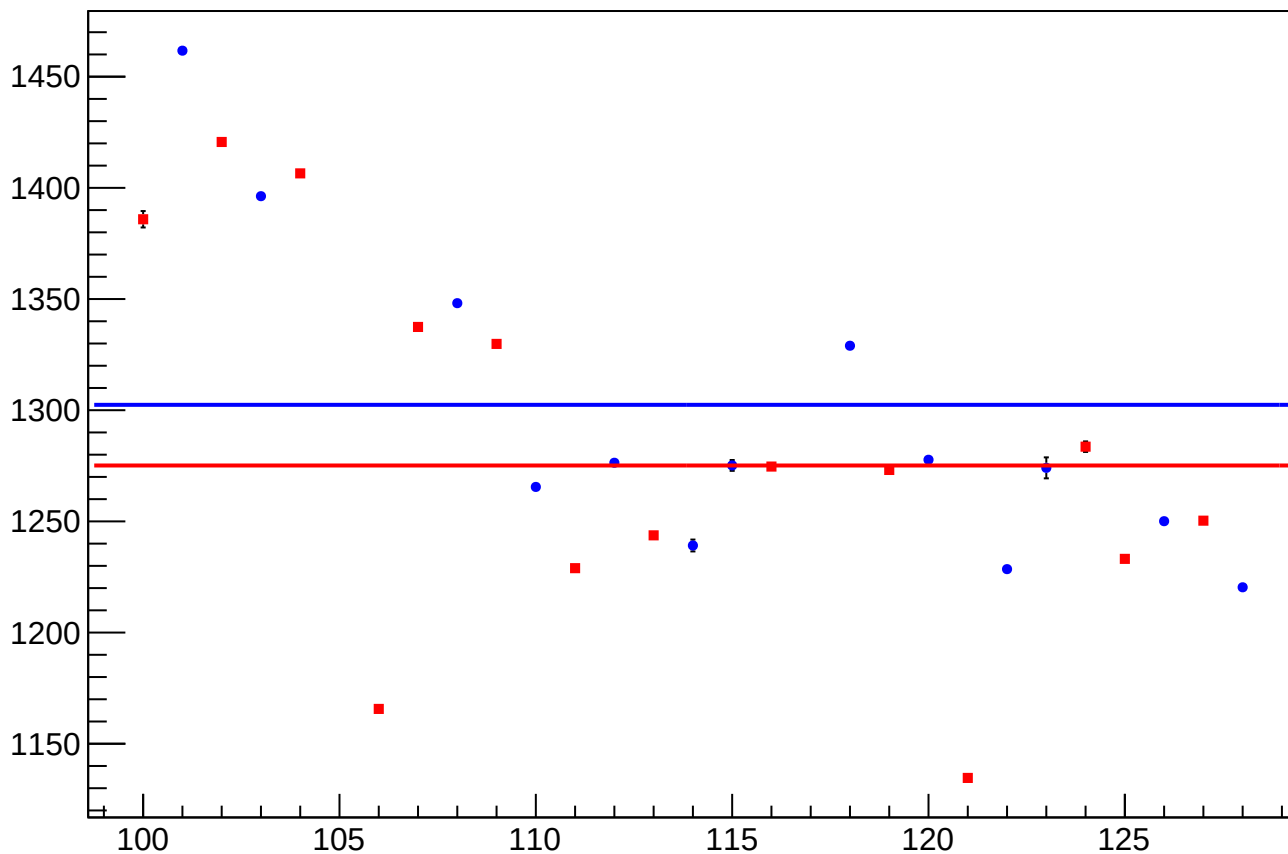
Right: -7.201 ± 0.408 χ^2/NDF : 658.9/26

In: -9.030 ± 0.597 χ^2/NDF : 371.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.201 ± 0.408 χ^2/NDF : 658.9/26

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1302.419+/-0.422 χ^2/NDF : 31110.8/12

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

Right Out: 1275.138+/-0.395 χ^2/NDF : 44357.1/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

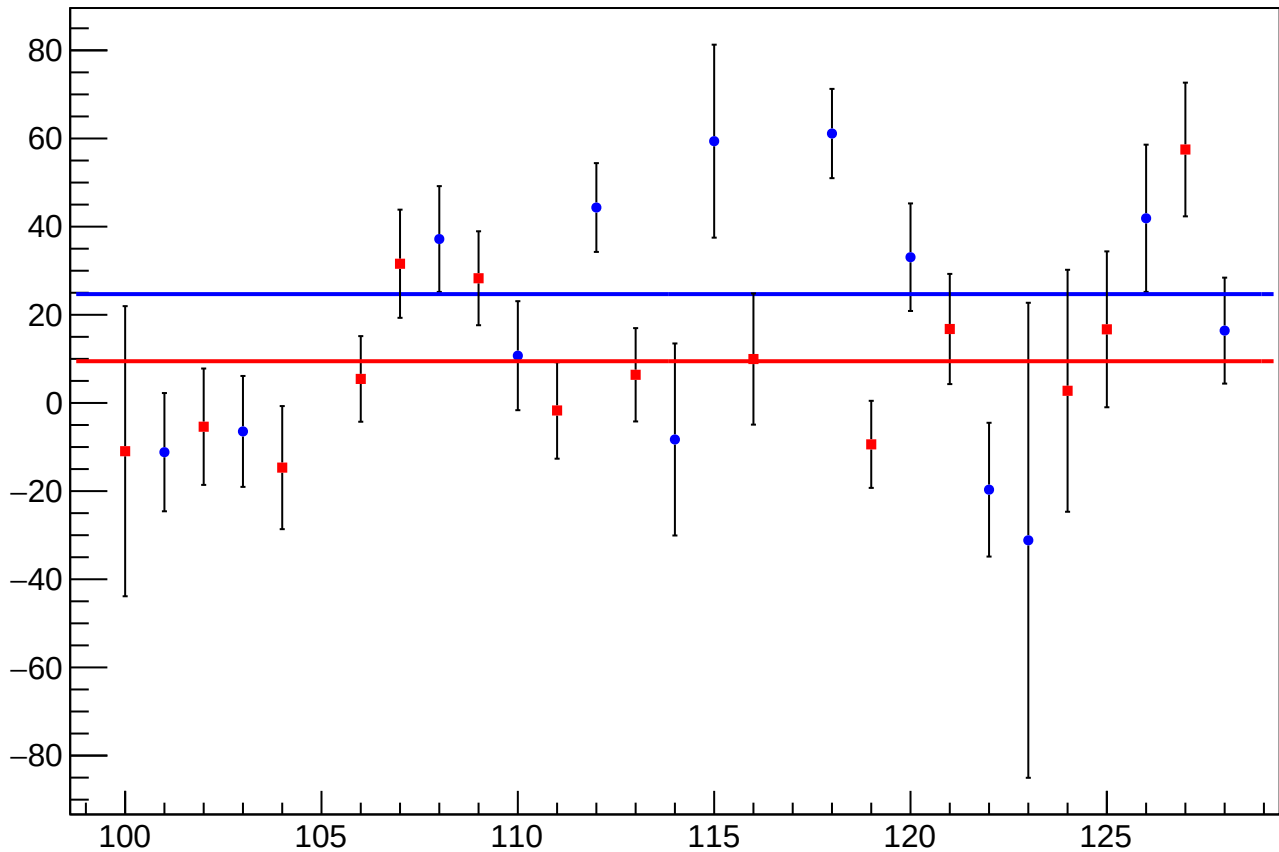
Right: 1287.865+/-0.288 χ^2/NDF : 77693.4/26

In: 1302.419+/-0.422 χ^2/NDF :31110.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1287.865+/-0.288 χ^2/NDF : 77693.4/26

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 24.694+/-3.751 χ^2/NDF : 48.8/12

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

Right Out: 9.469+/-3.427 χ^2/NDF : 26.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

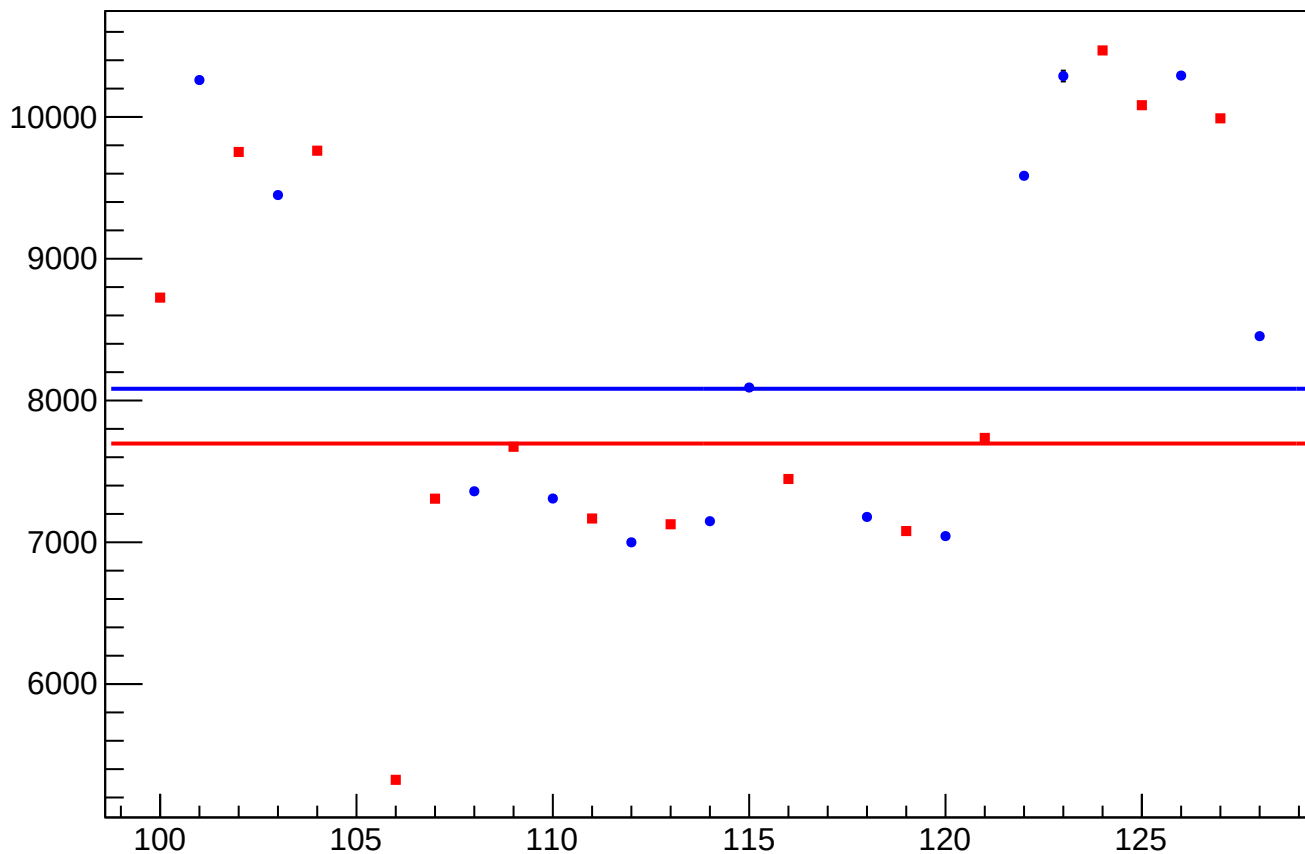
Right: 16.396+/-2.530 χ^2/NDF : 84.4/26

In: 24.694+/-3.751 χ^2/NDF : 48.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.396+/-2.530 χ^2/NDF : 84.4/26

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 8082.850+/-2.652 χ^2/NDF : 208507.2/12

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

Right Out: 7696.528+/-2.423 χ^2/NDF : 336980.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

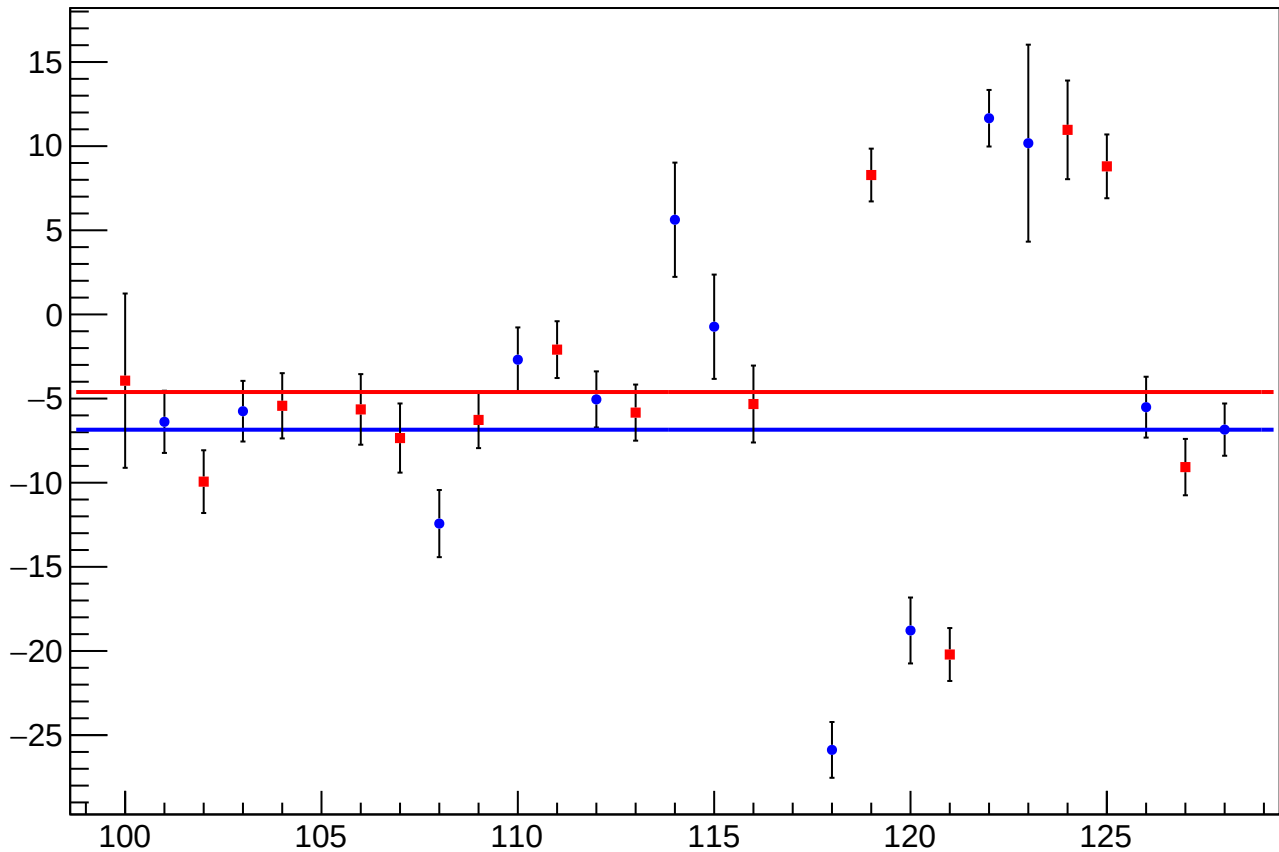
Right: 7872.284+/-1.789 χ^2/NDF : 557051.5/26

In: 8082.850+/-2.652 χ^2/NDF : 208507.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7872.284+/-1.789 χ^2/NDF : 557051.5/26

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -6.851+/-0.542 χ^2/NDF : 330.6/12

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

Right Out: -4.611+/-0.508 χ^2/NDF : 265.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

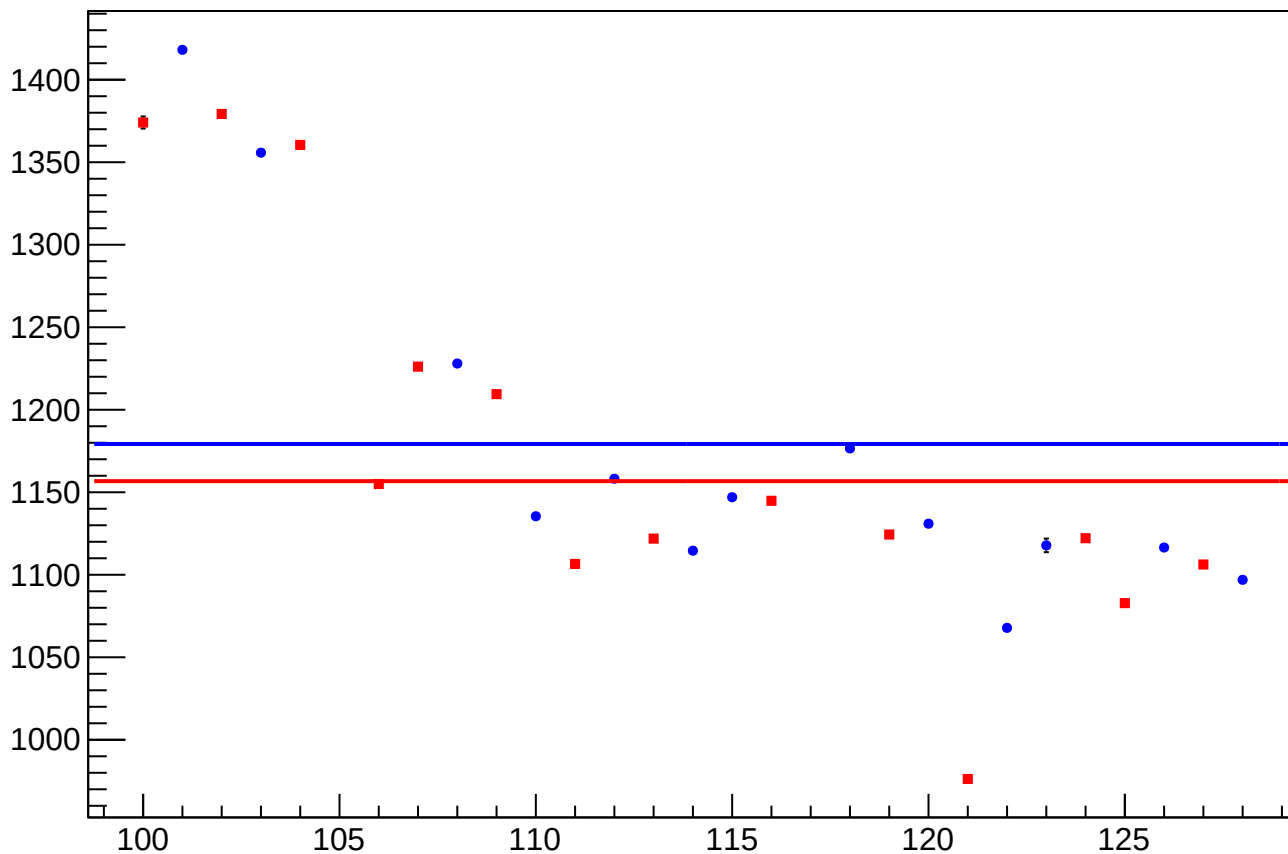
Right: -5.658+/-0.371 χ^2/NDF : 605.3/26

In: -6.851+/-0.542 χ^2/NDF : 330.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.658+/-0.371 χ^2/NDF : 605.3/26

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1179.251+/-0.383 χ^2/NDF : 74358.8/12

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

Right Out: 1156.736+/-0.359 χ^2/NDF : 93383.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

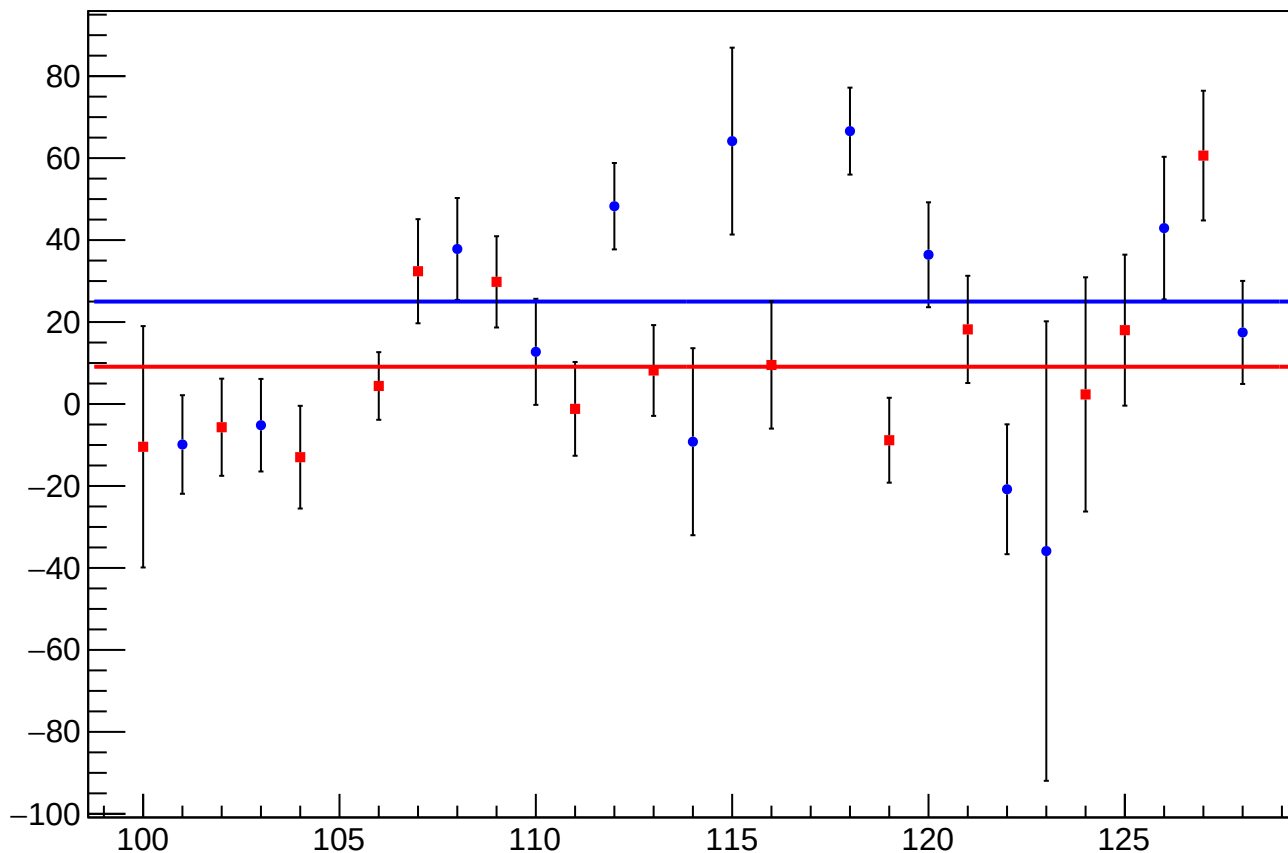
Right: 1167.261+/-0.262 χ^2/NDF : 169579.2/26

In: 1179.251+/-0.383 χ^2/NDF : 74358.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1167.261+/-0.262 χ^2/NDF : 169579.2/26

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: 25.001+/-3.808 χ^2/NDF : 54.7/12

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

Right Out: 9.096+/-3.393 χ^2/NDF : 27.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

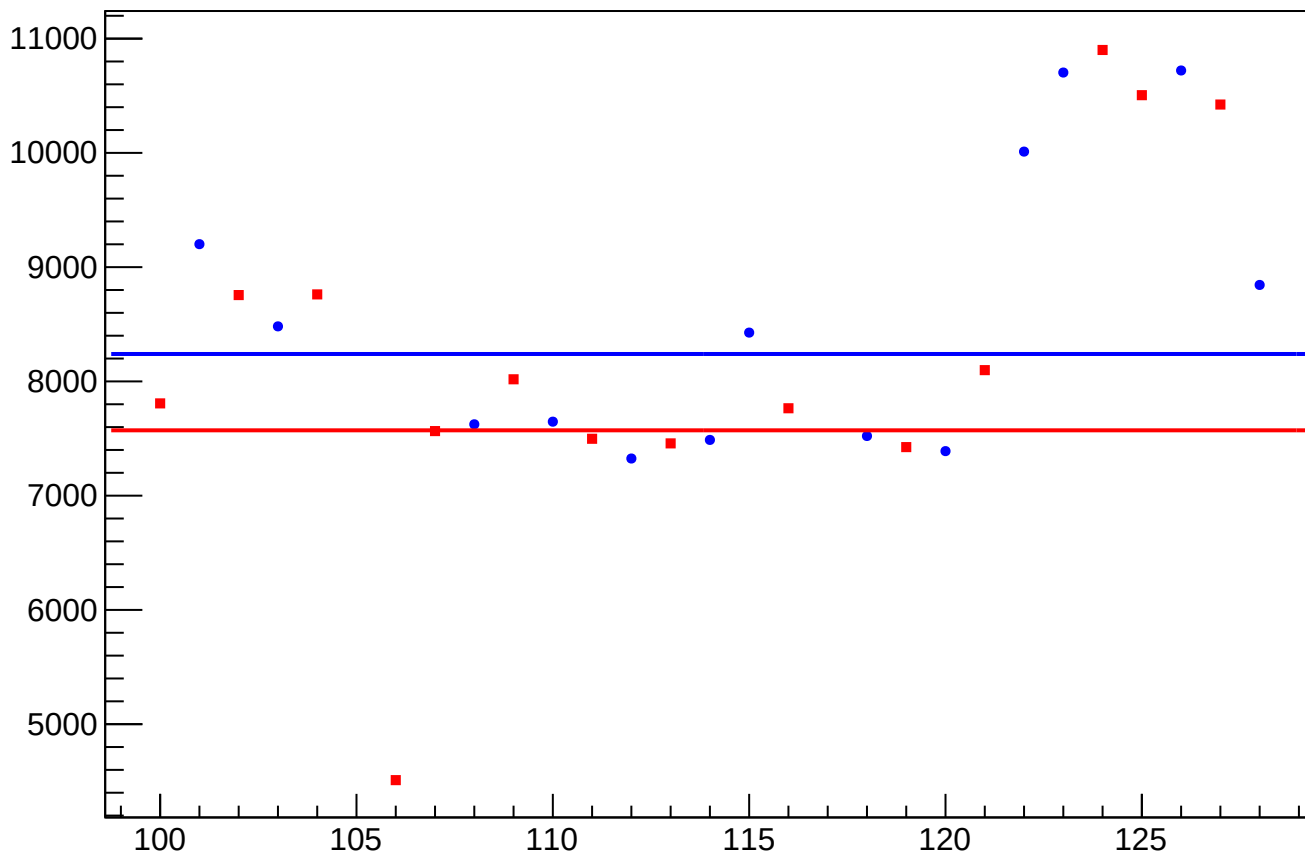
Right: 16.135+/-2.533 χ^2/NDF : 91.9/26

In: 25.001+/-3.808 χ^2/NDF : 54.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.135+/-2.533 χ^2/NDF : 91.9/26

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 8239.942+/-2.693 χ^2/NDF : 132304.5/12

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

Right Out: 7571.875+/-2.399 χ^2/NDF : 463698.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

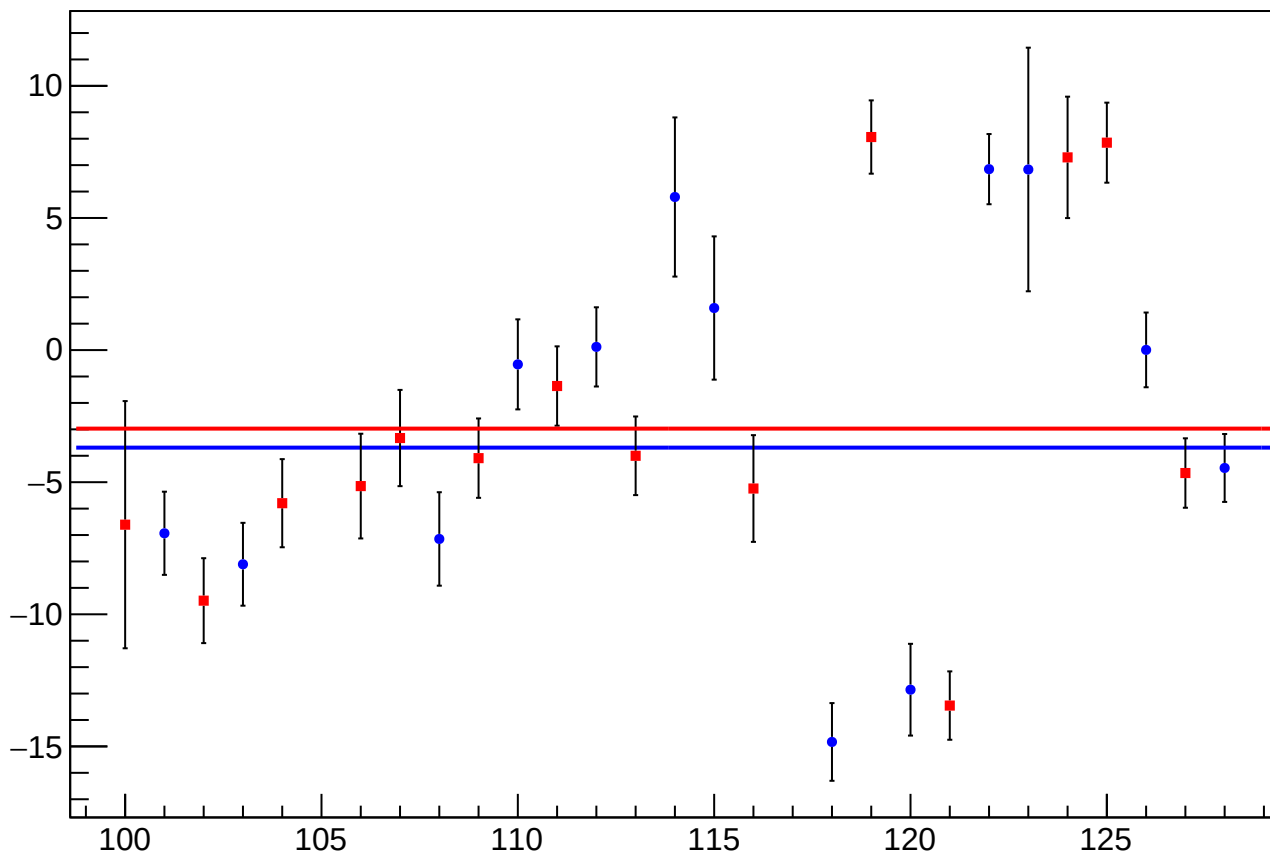
Right: 7867.555+/-1.791 χ^2/NDF : 630317.2/26

In: 8239.942+/-2.693 χ^2/NDF : 132304.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7867.555+/-1.791 χ^2/NDF : 630317.2/26

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -3.692 ± 0.462 $\chi^2/\text{NDF}: 200.2/12$

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

Right Out: -2.972 ± 0.436 $\chi^2/\text{NDF}: 226.1/13$

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

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

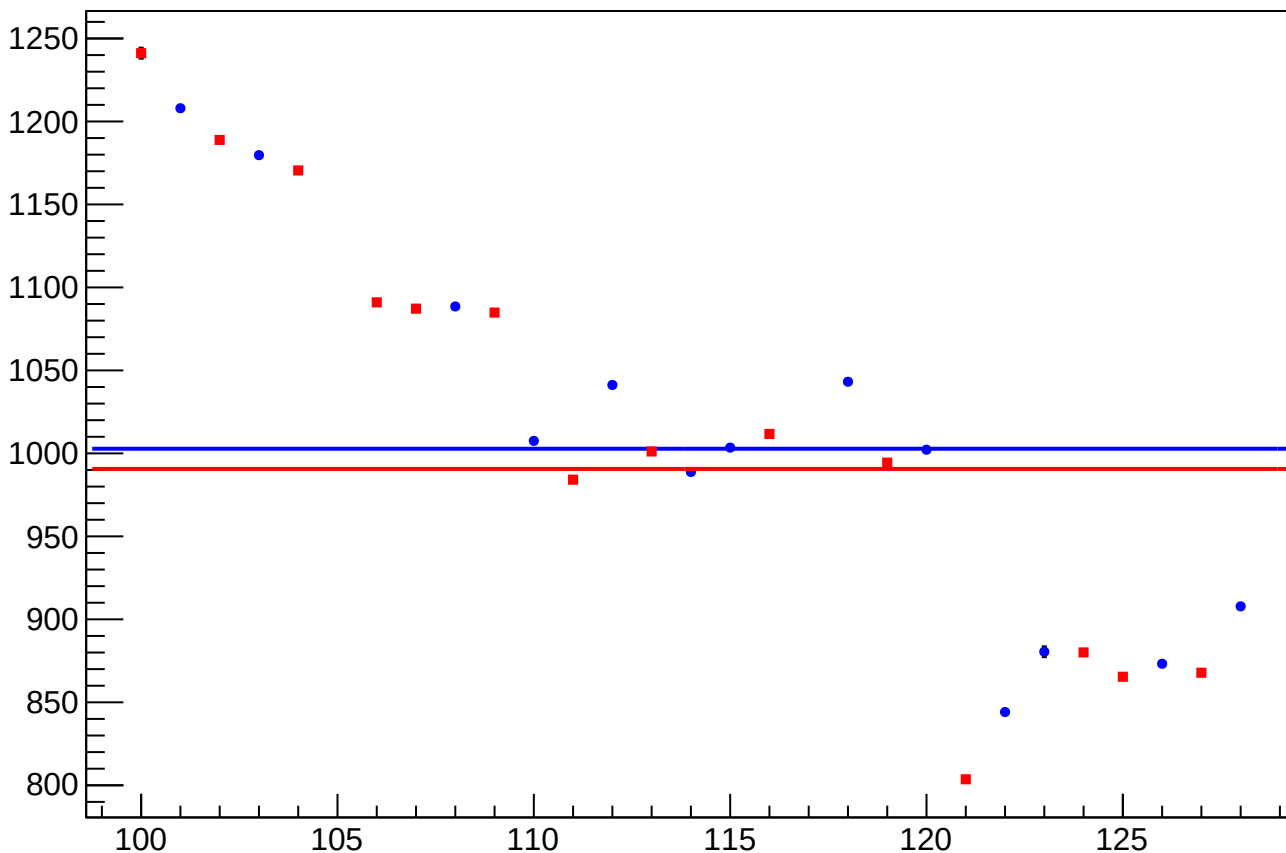
Right: -3.311 ± 0.317 $\chi^2/\text{NDF}: 427.6/26$

In: -3.692 ± 0.462 $\chi^2/\text{NDF}: 200.2/12$

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

All: -3.311 ± 0.317 $\chi^2/\text{NDF}: 427.6/26$

diff_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 1002.795+/-0.327 χ^2/NDF : 124664.1/12

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

Right Out: 990.636+/-0.309 χ^2/NDF : 155946.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

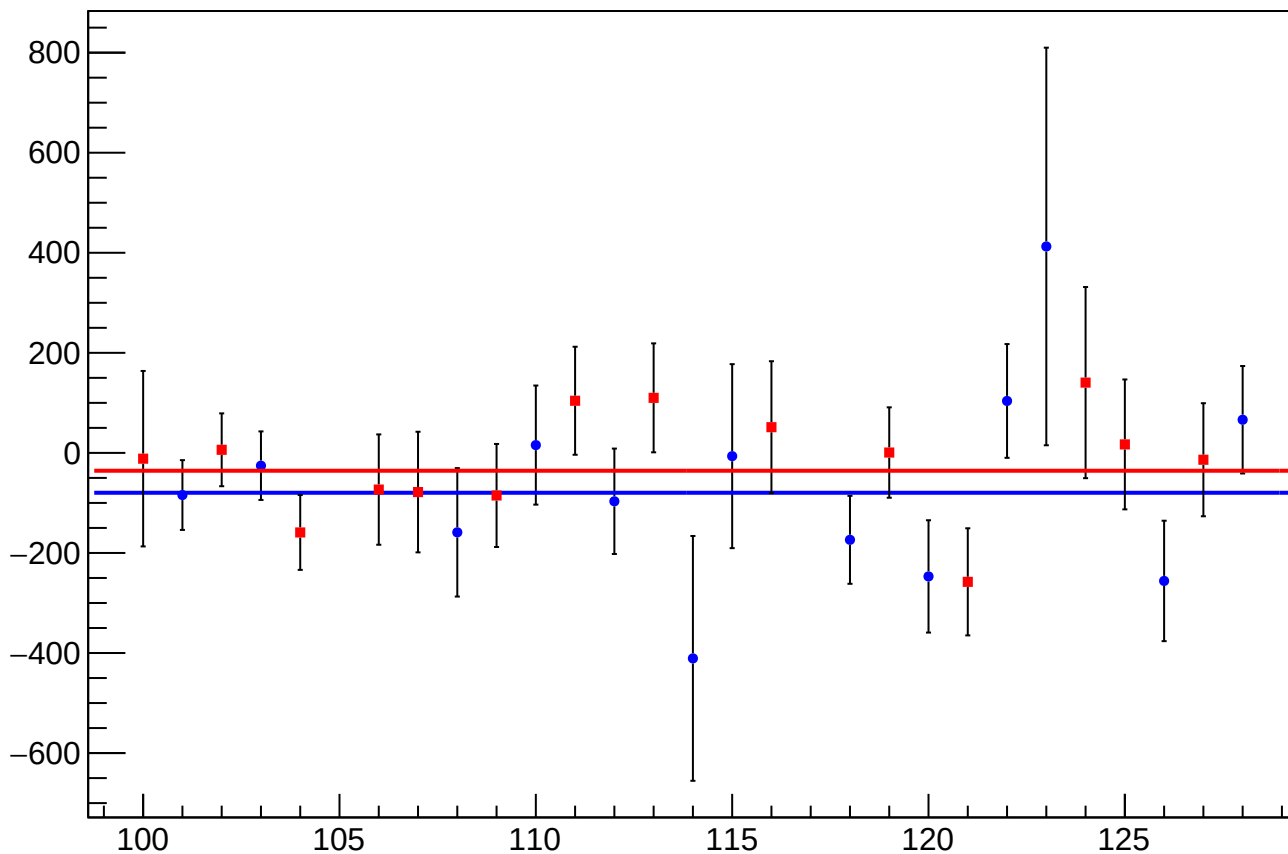
Right: 996.364+/-0.224 χ^2/NDF : 281342.7/26

In: 1002.795+/-0.327 χ^2/NDF : 124664.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 996.364+/-0.224 χ^2/NDF : 281342.7/26

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -79.682 ± 29.687 χ^2/NDF : 15.2/12

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

Right Out: -35.669 ± 28.309 χ^2/NDF : 13.0/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

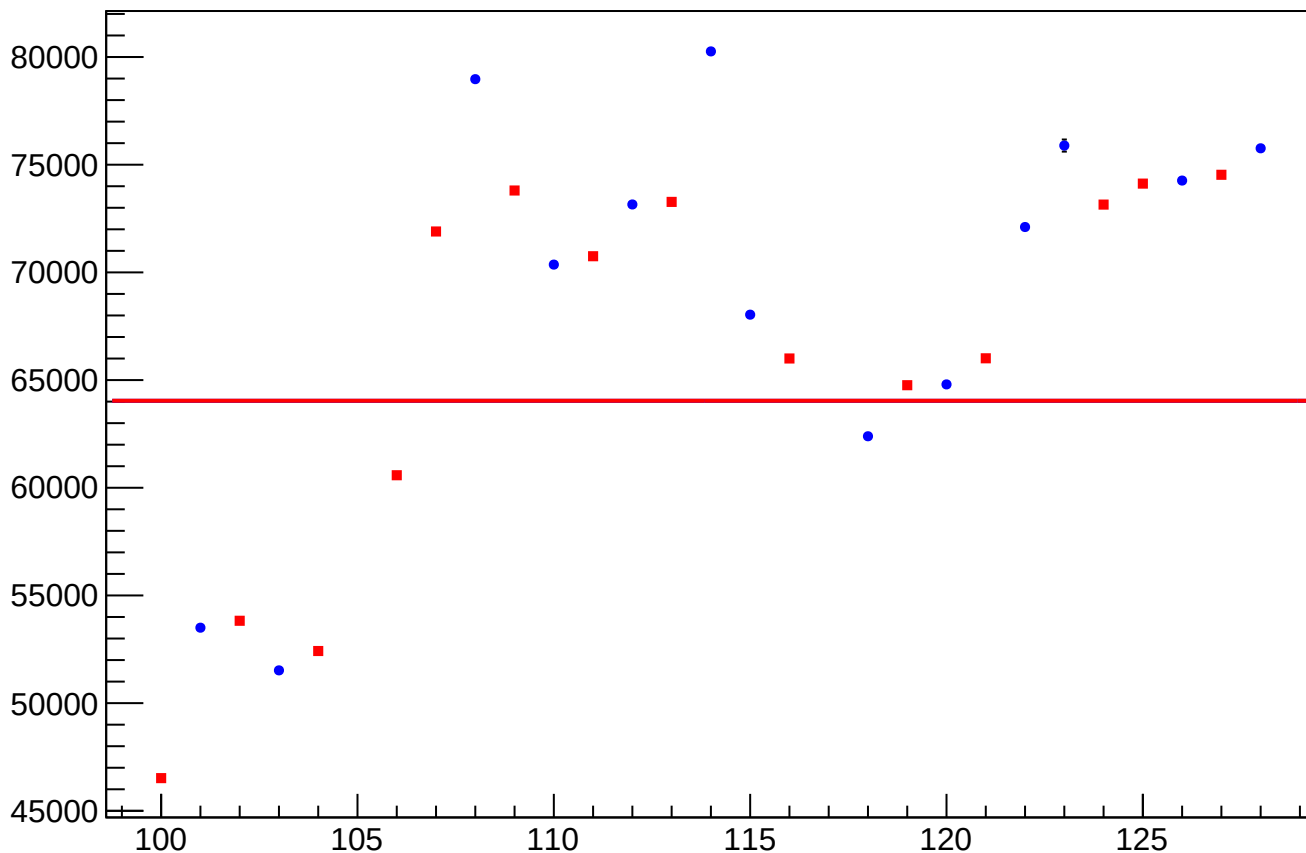
Right: -56.630 ± 20.487 χ^2/NDF : 29.3/26

In: -79.682 ± 29.687 χ^2/NDF : 15.2/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -56.630 ± 20.487 χ^2/NDF : 29.3/26

diff_bpm0r03X_rms vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 64038.172+/-14.487 χ^2 /NDF: 414056.4/26

In: 64036.103+/-20.992 χ^2 /NDF:220786.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 64038.172+/-14.487 χ^2 /NDF: 414056.4/26

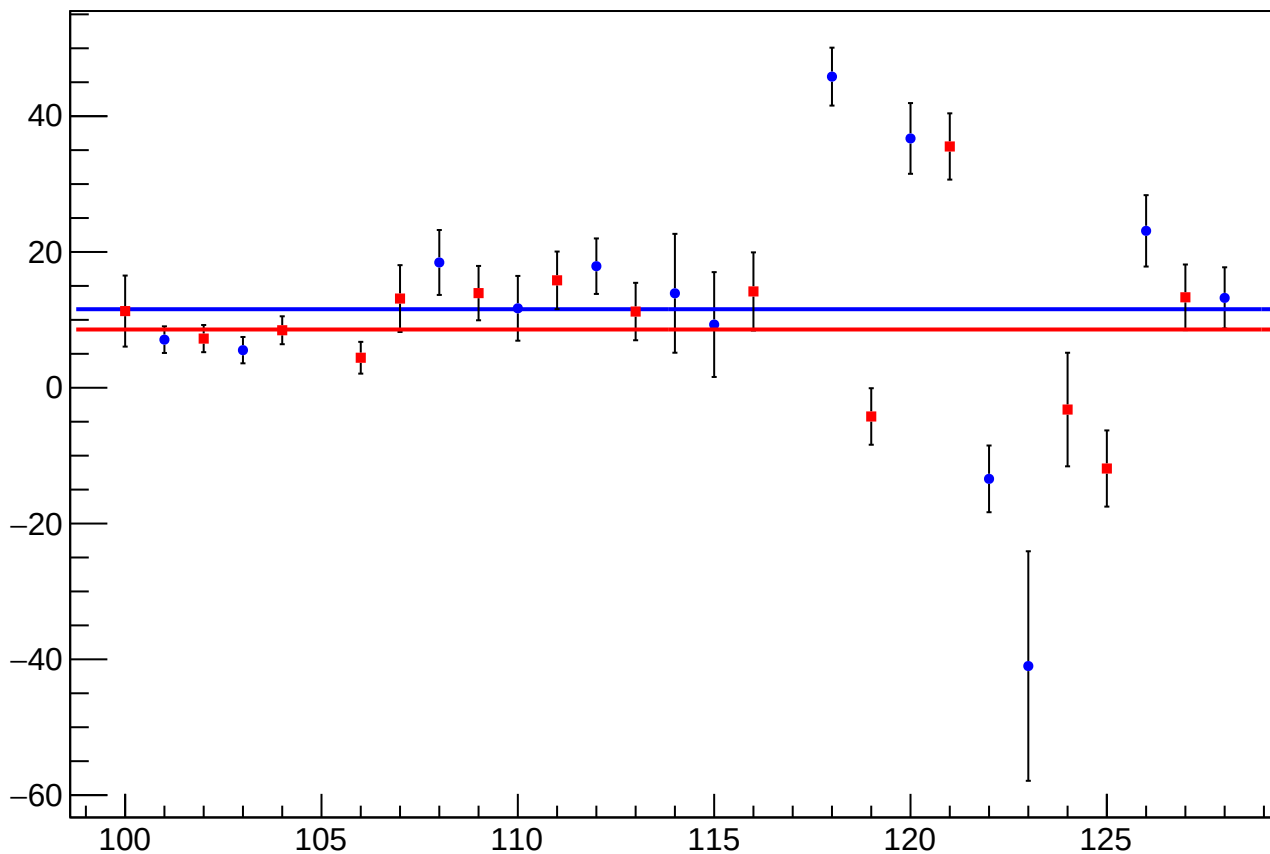
Right In: 64036.103+/-20.992 χ^2 /NDF: 220786.6/12

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

Right Out: 64040.053+/-20.017 χ^2 /NDF: 193269.8/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 11.568+/-1.040 χ^2/NDF : 147.8/12

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

Right Out: 8.581+/-0.937 χ^2/NDF : 67.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

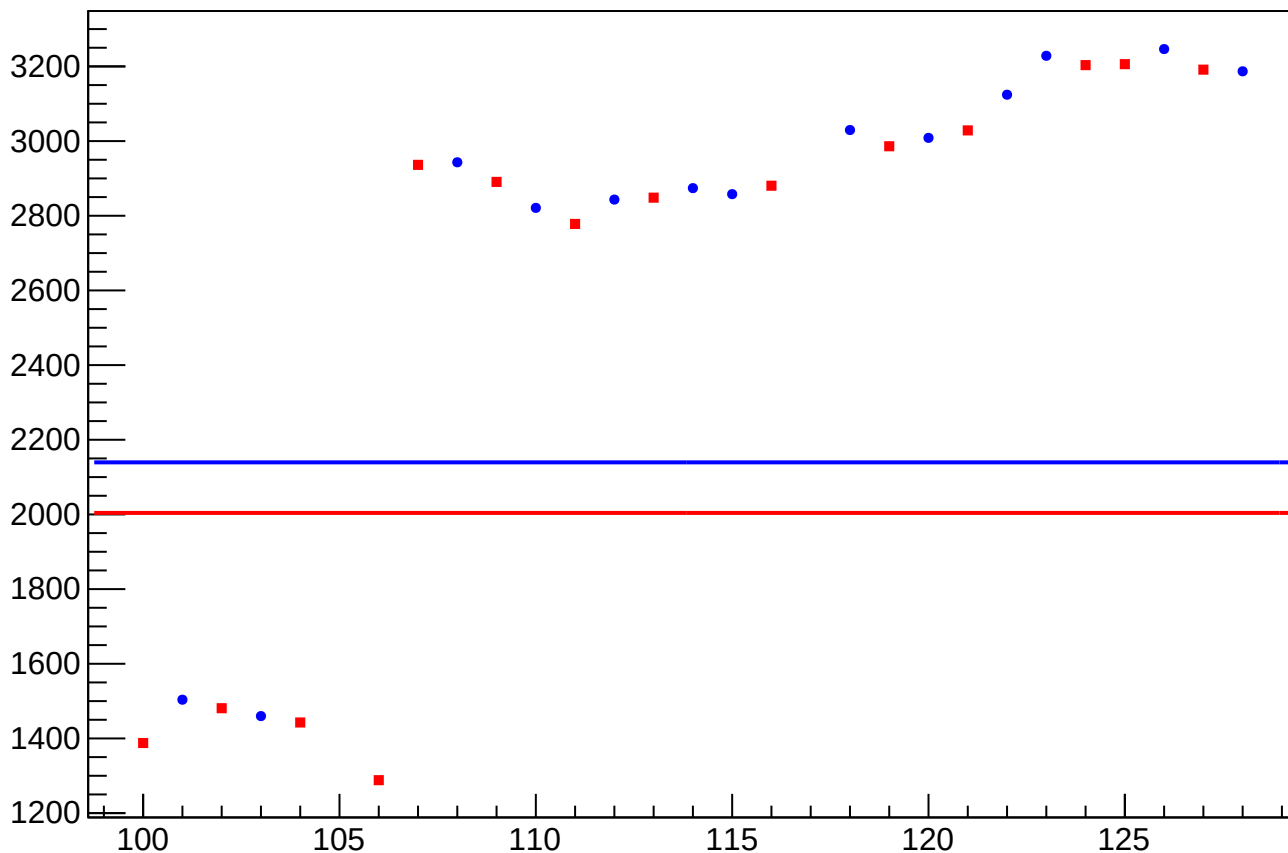
Right: 9.920+/-0.696 χ^2/NDF : 219.4/26

In: 11.568+/-1.040 χ^2/NDF : 147.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.920+/-0.696 χ^2/NDF : 219.4/26

diff_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 2139.481+/-0.735 χ^2/NDF : 1071828.7/12

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

Right Out: 2004.075+/-0.663 χ^2/NDF : 1316373.7/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

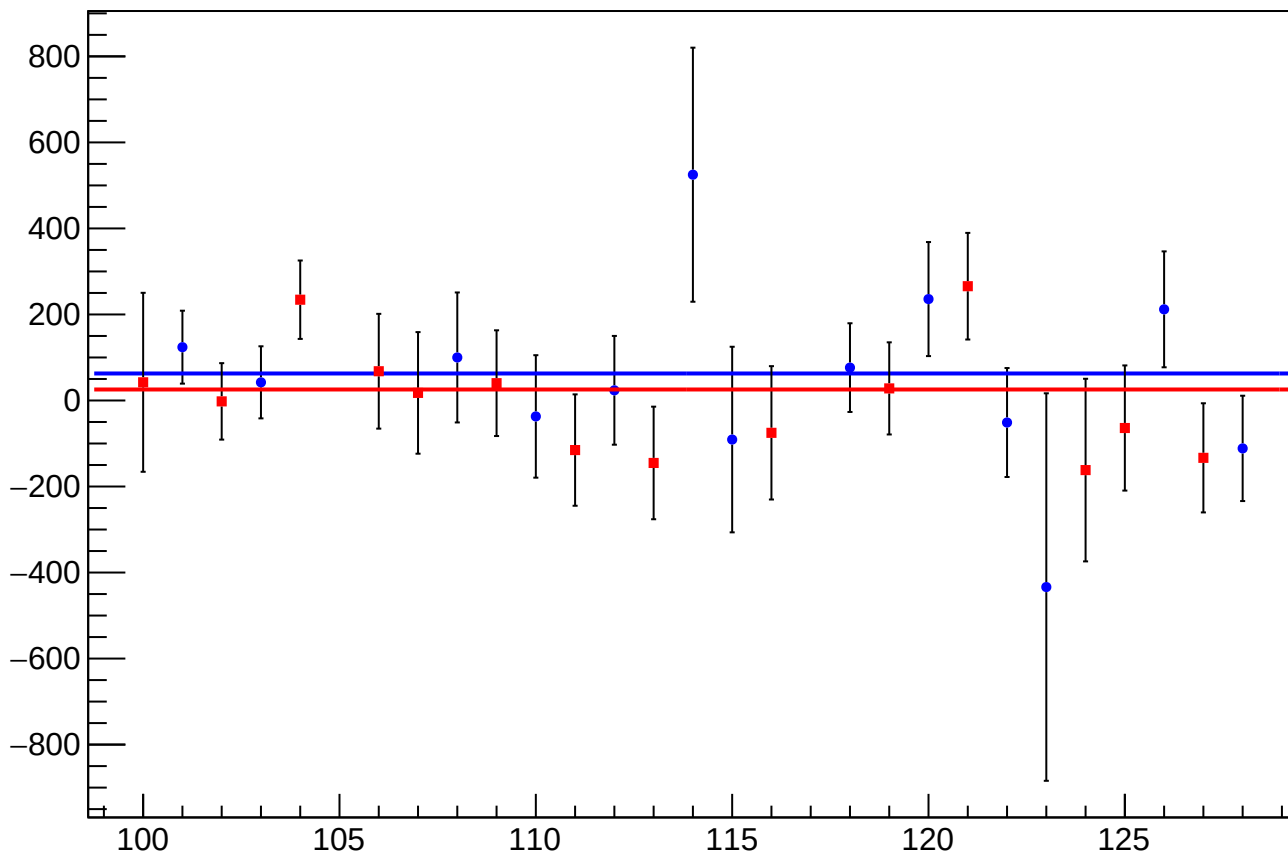
Right: 2064.768+/-0.492 χ^2/NDF : 2406926.3/26

In: 2139.481+/-0.735 χ^2/NDF :1071828.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2064.768+/-0.492 χ^2/NDF : 2406926.3/26

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 62.788+/-35.133 χ^2/NDF : 11.2/12

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

Right Out: 25.568+/-33.596 χ^2/NDF : 15.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

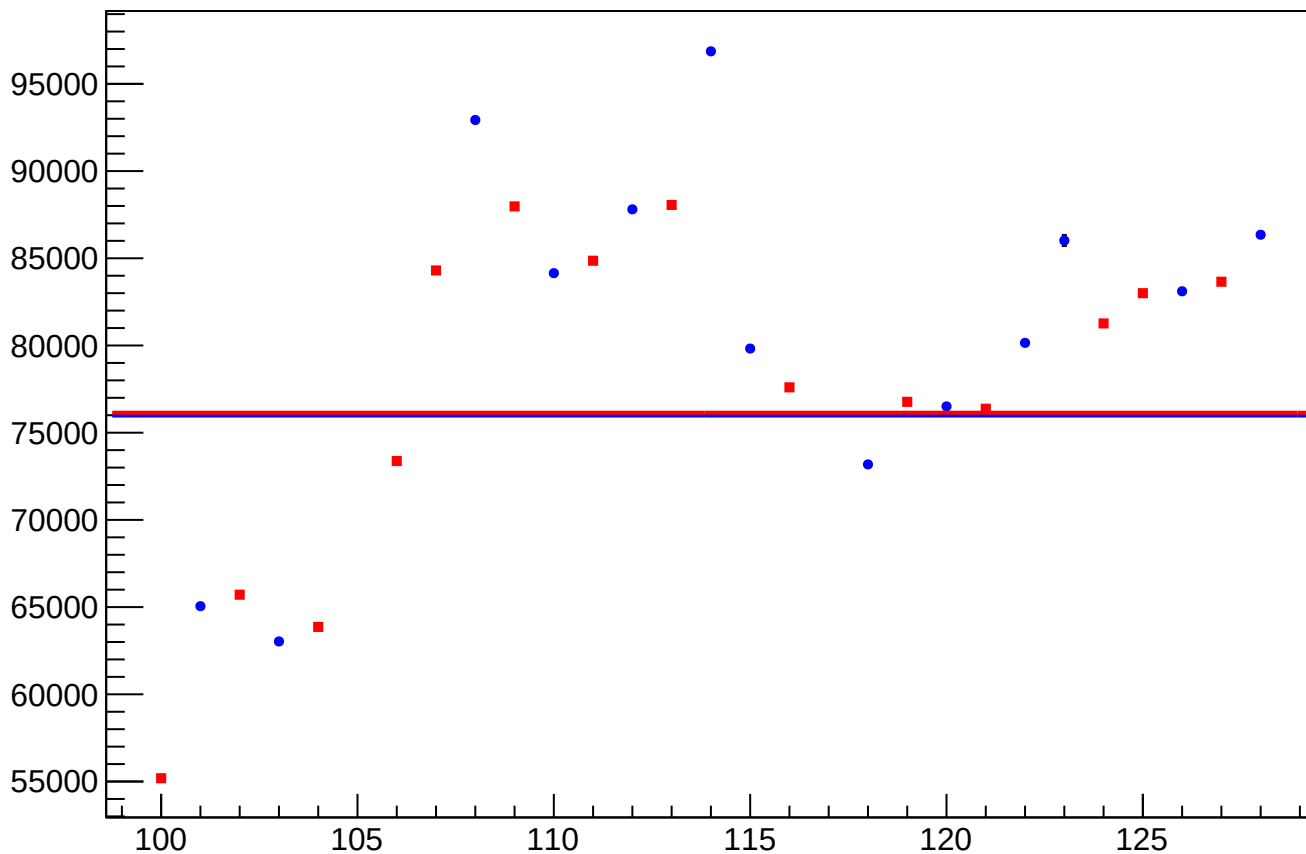
Right: 43.346+/-24.281 χ^2/NDF : 27.0/26

In: 62.788+/-35.133 χ^2/NDF : 11.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.346+/-24.281 χ^2/NDF : 27.0/26

diff_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 75984.393+/-24.843 χ^2/NDF : 165474.0/12

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

Right Out: 76147.215+/-23.756 χ^2/NDF : 148709.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

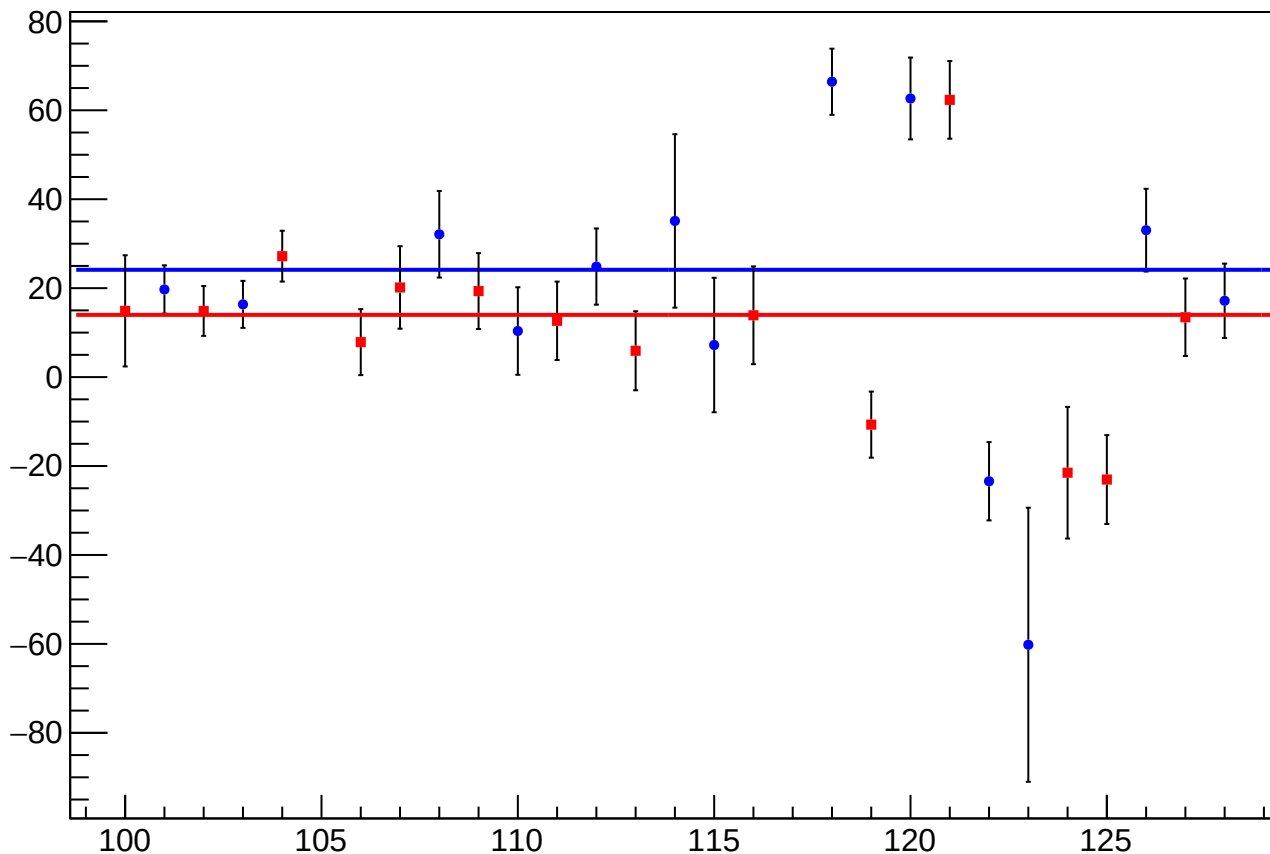
Right: 76069.444+/-17.169 χ^2/NDF : 314205.8/26

In: 75984.393+/-24.843 χ^2/NDF : 165474.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76069.444+/-17.169 χ^2/NDF : 314205.8/26

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 24.130 $\pm$ 2.350 χ^2 /NDF: 95.2/12

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

Right Out: 13.990 $\pm$ 2.208 χ^2 /NDF: 68.9/13

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

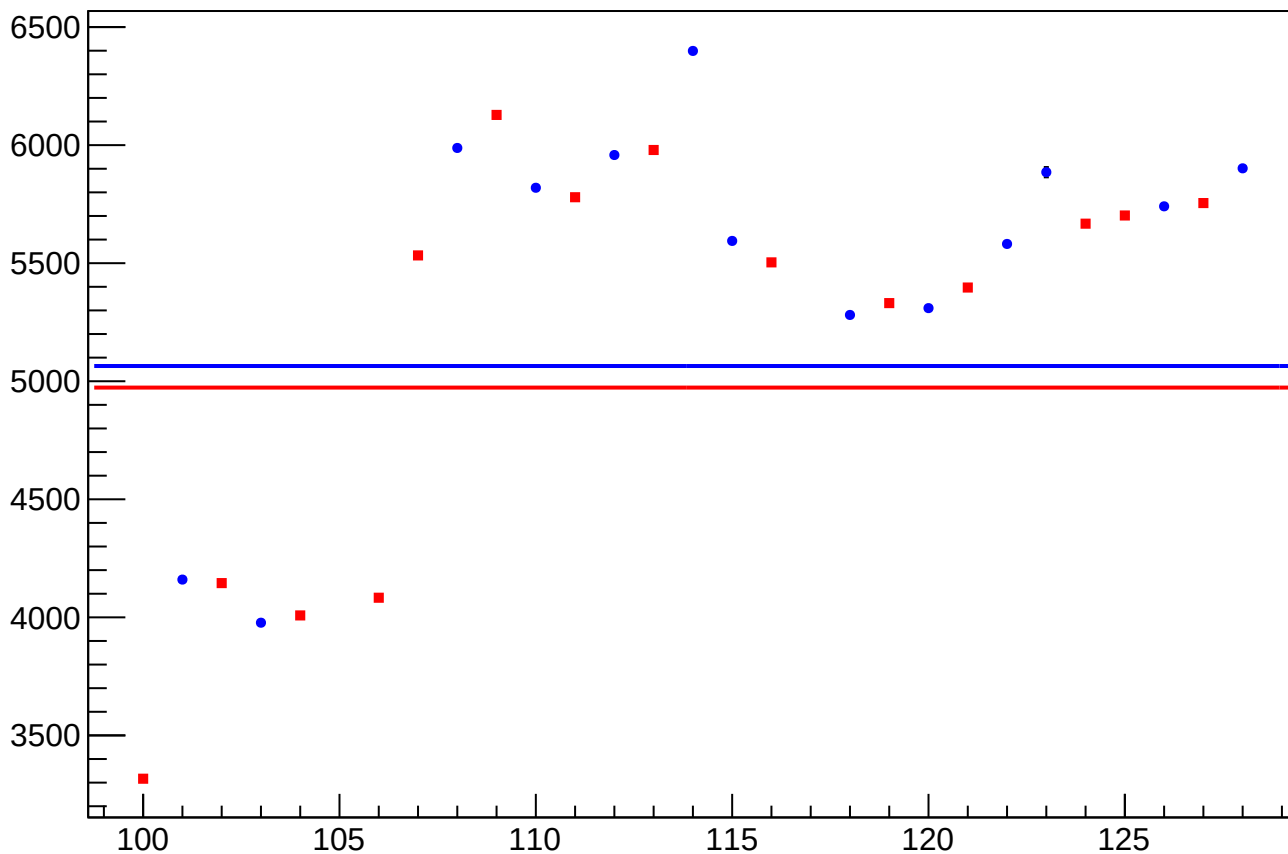
Right: 18.743 $\pm$ 1.609 χ^2 /NDF: 174.0/26

In: 24.130 $\pm$ 2.350 χ^2 /NDF:95.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 18.743 $\pm$ 1.609 χ^2 /NDF: 174.0/26

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 5064.521+/-1.662 χ^2/NDF : 245658.1/12

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

Right Out: 4973.161+/-1.561 χ^2/NDF : 296041.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

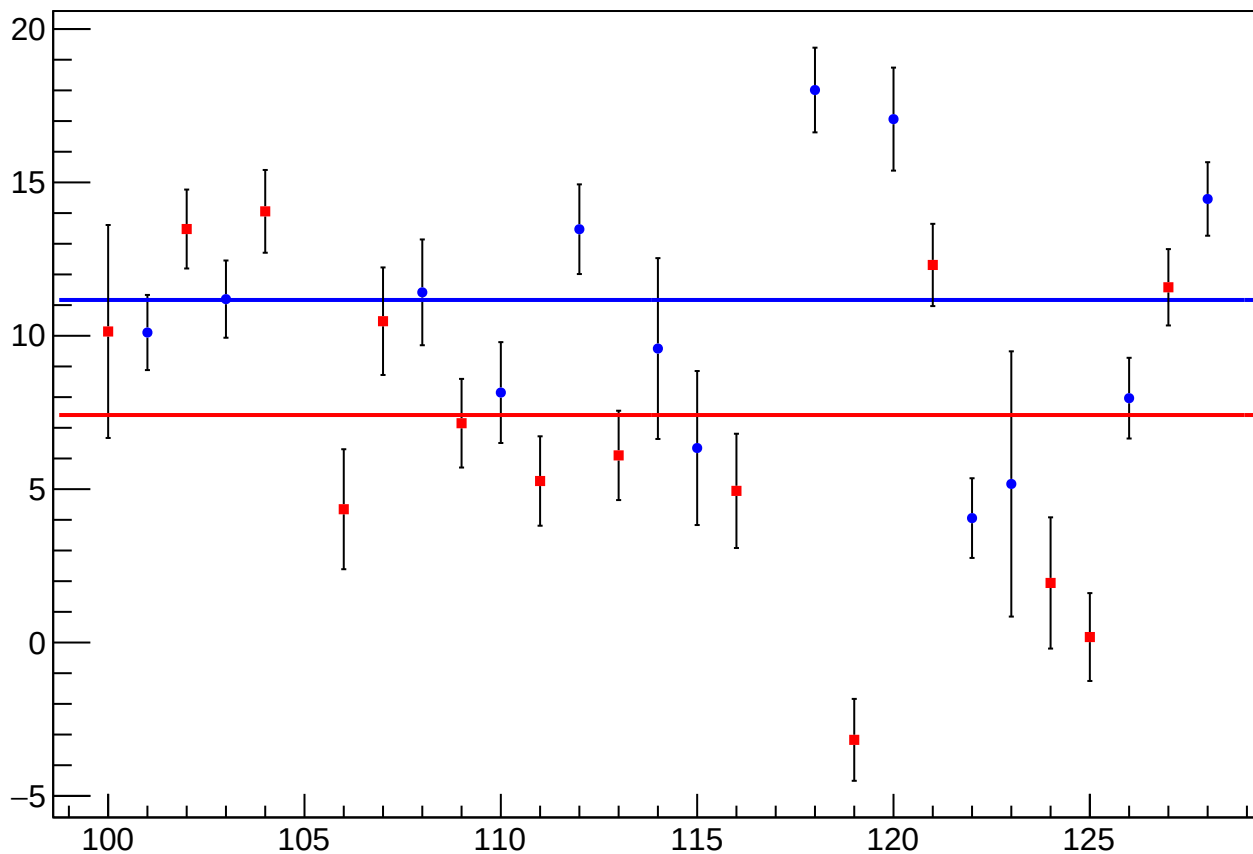
Right: 5015.986+/-1.138 χ^2/NDF : 543305.0/26

In: 5064.521+/-1.662 χ^2/NDF : 245658.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5015.986+/-1.138 χ^2/NDF : 543305.0/26

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 11.168+/-0.425 χ^2/NDF : 92.9/12

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

Right Out: 7.417+/-0.408 χ^2/NDF : 176.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

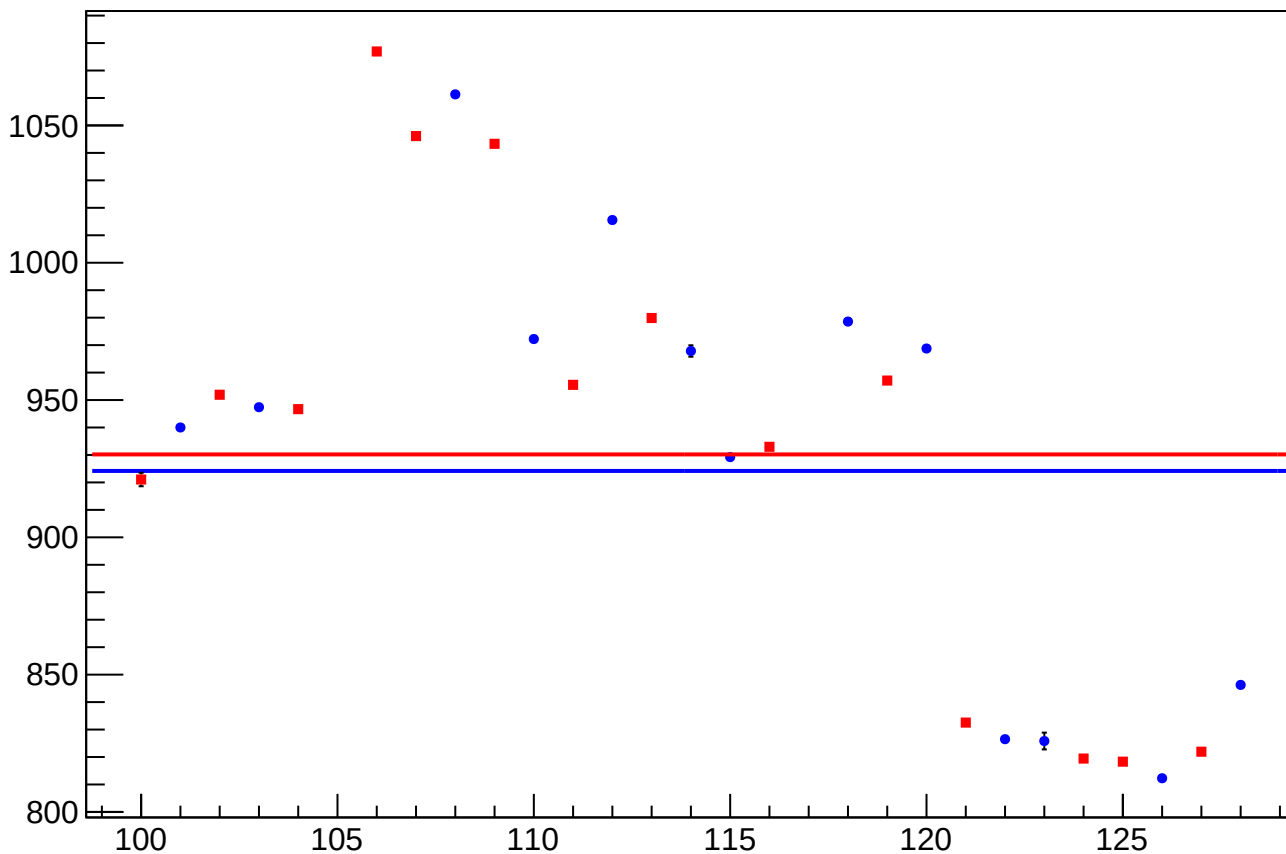
Right: 9.218+/-0.294 χ^2/NDF : 310.3/26

In: 11.168+/-0.425 χ^2/NDF : 92.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.218+/-0.294 χ^2/NDF : 310.3/26

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 924.180+/-0.300 χ^2/NDF : 63413.9/12

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

Right Out: 930.194+/-0.289 χ^2/NDF : 80208.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

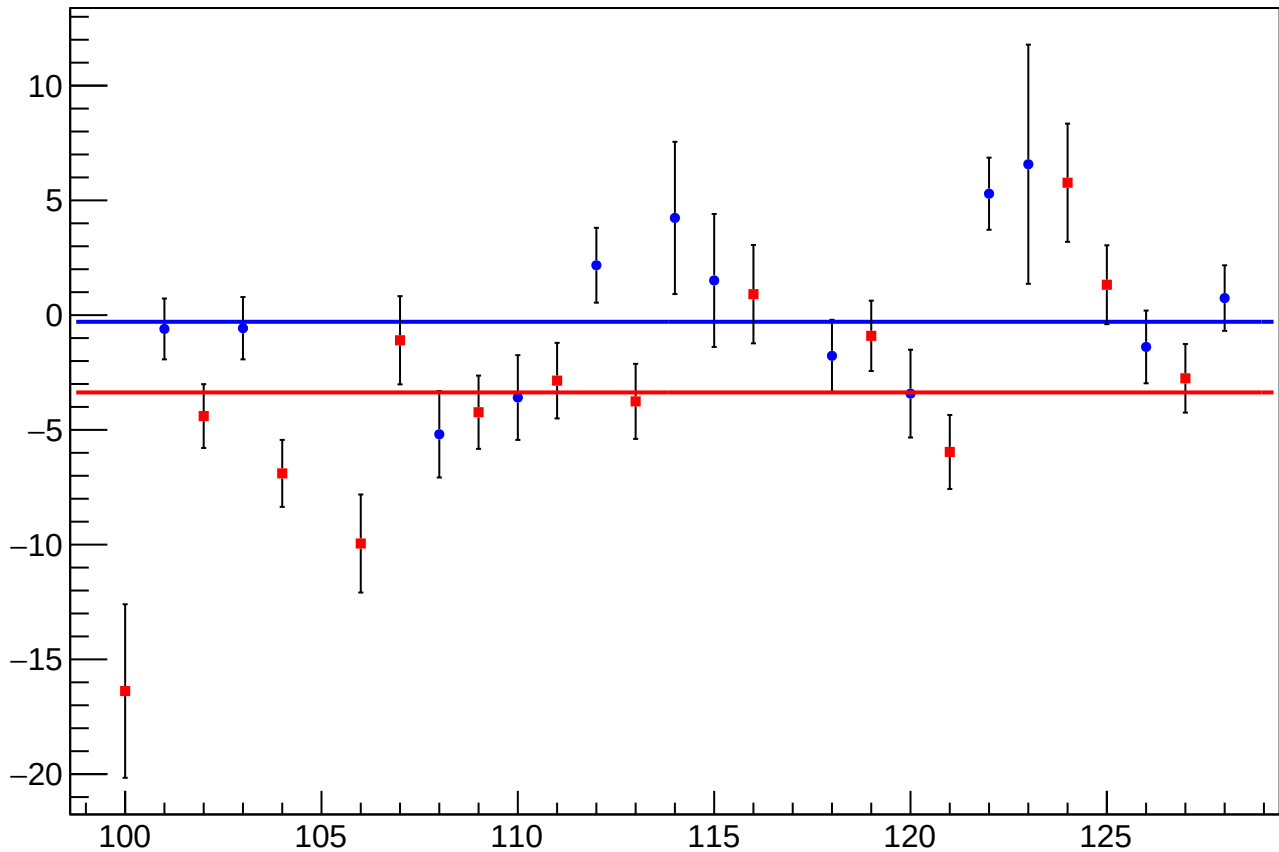
Right: 927.306+/-0.208 χ^2/NDF : 143830.7/26

In: 924.180+/-0.300 χ^2/NDF : 63413.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 927.306+/-0.208 χ^2/NDF : 143830.7/26

diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -0.290 ± 0.483 χ^2/NDF : 33.5/12

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

Right Out: -3.368 ± 0.464 χ^2/NDF : 59.0/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

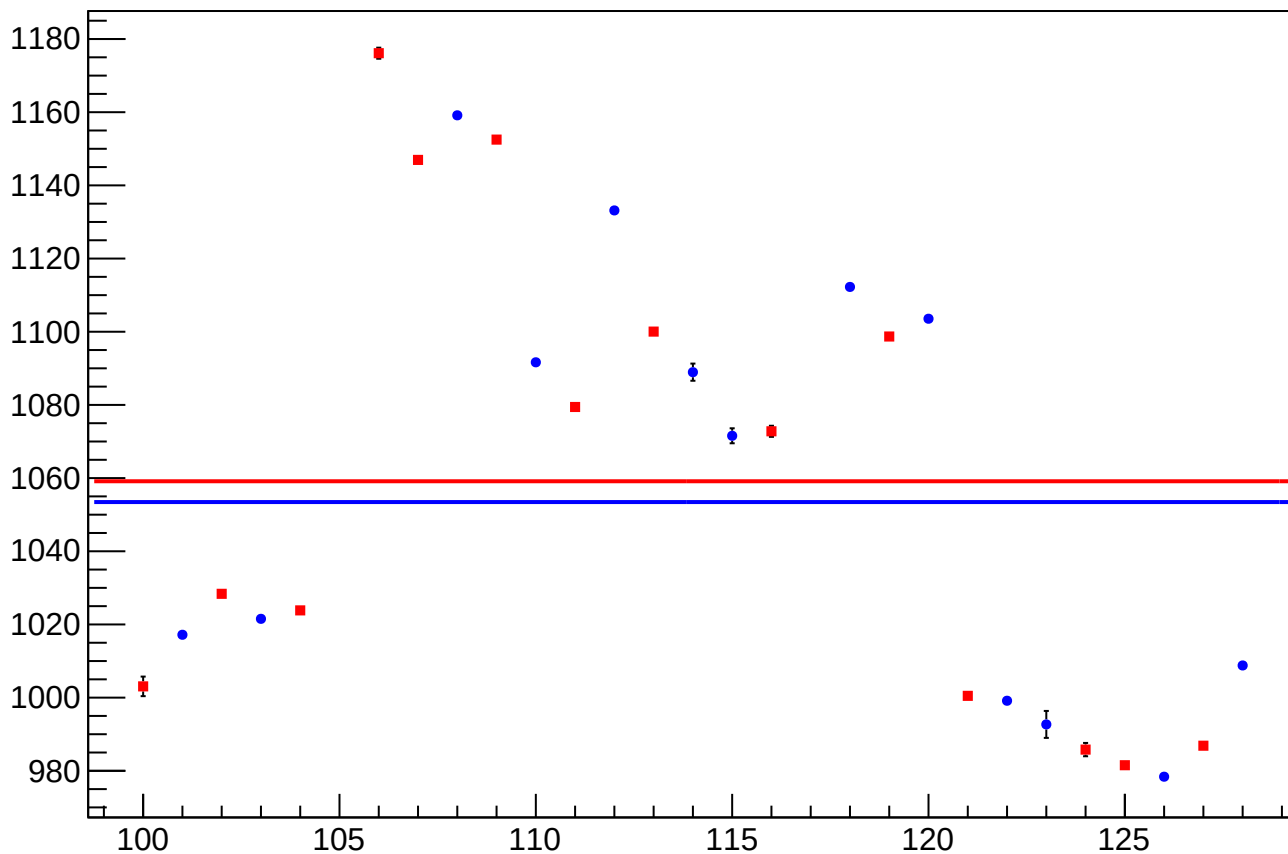
Right: -1.892 ± 0.335 χ^2/NDF : 113.6/26

In: -0.290 ± 0.483 χ^2/NDF : 33.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.892 ± 0.335 χ^2/NDF : 113.6/26

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 1053.451+/-0.342 χ^2/NDF : 28130.8/12

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

Right Out: 1059.134+/-0.328 χ^2/NDF : 35607.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

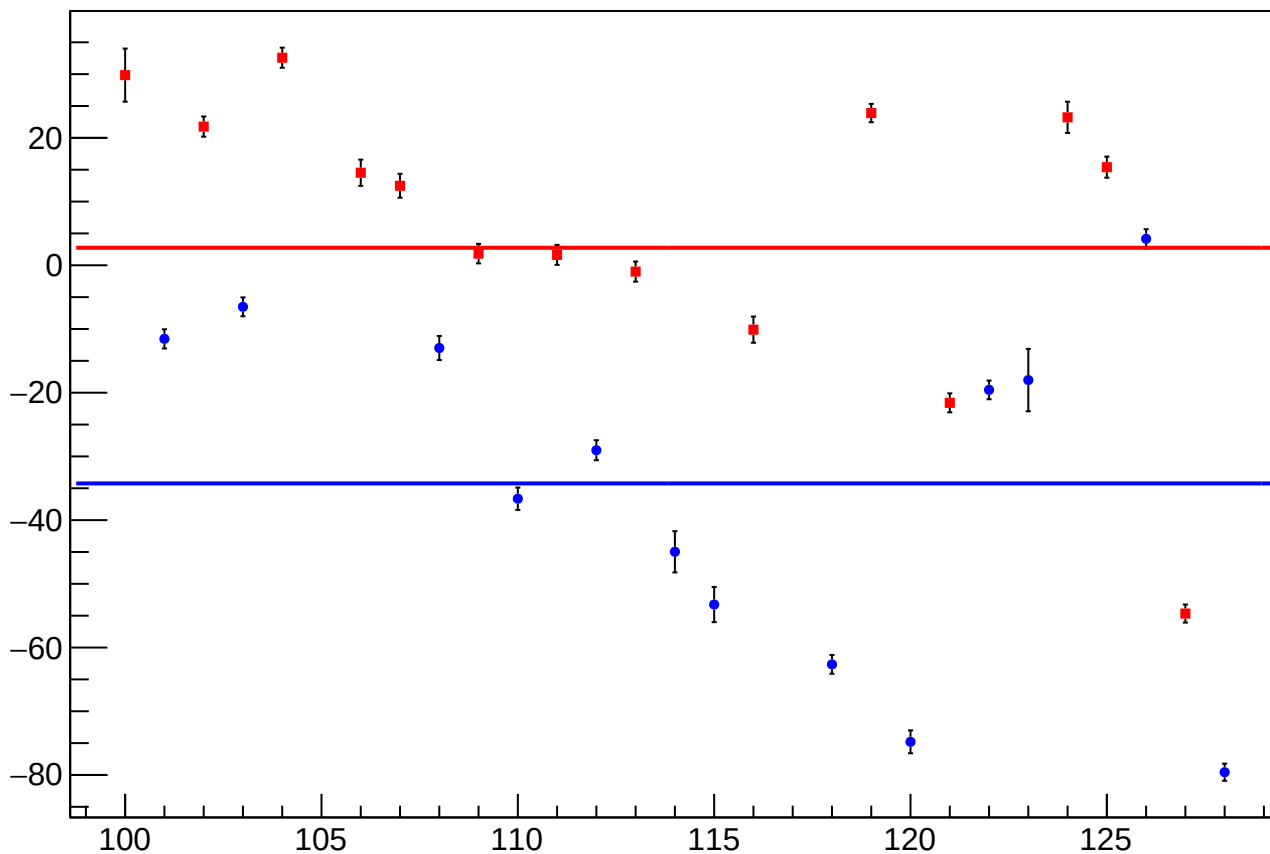
Right: 1056.409+/-0.237 χ^2/NDF : 63882.4/26

In: 1053.451+/-0.342 χ^2/NDF : 28130.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1056.409+/-0.237 χ^2/NDF : 63882.4/26

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -34.241 ± 0.477 χ^2/NDF : 3545.6/12

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

Right Out: 2.751 ± 0.456 χ^2/NDF : 2899.7/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

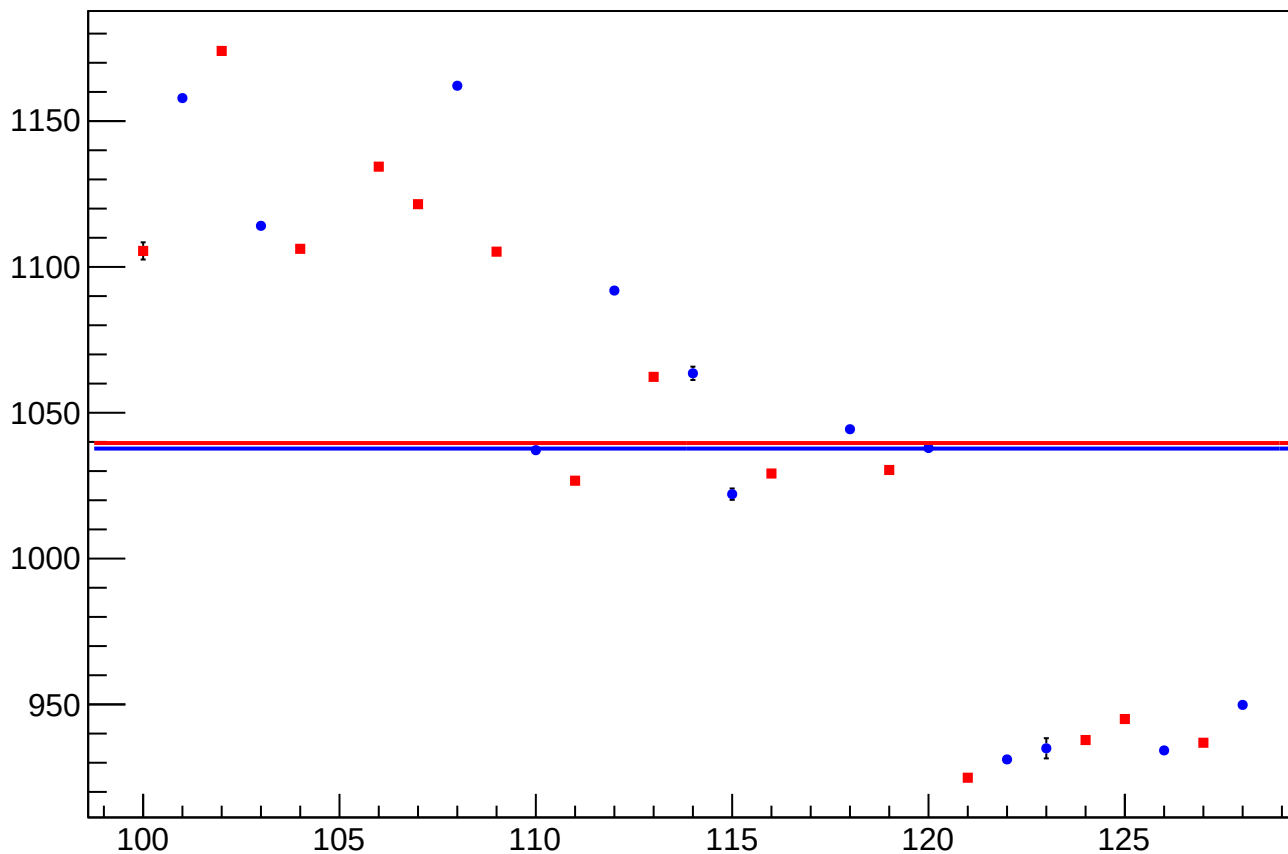
Right: -14.917 ± 0.329 χ^2/NDF : 9591.0/26

In: -34.241 ± 0.477 χ^2/NDF : 3545.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.917 ± 0.329 χ^2/NDF : 9591.0/26

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 1037.717+/-0.337 χ^2/NDF : 58675.8/12

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

Right Out: 1039.614+/-0.322 χ^2/NDF : 63183.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

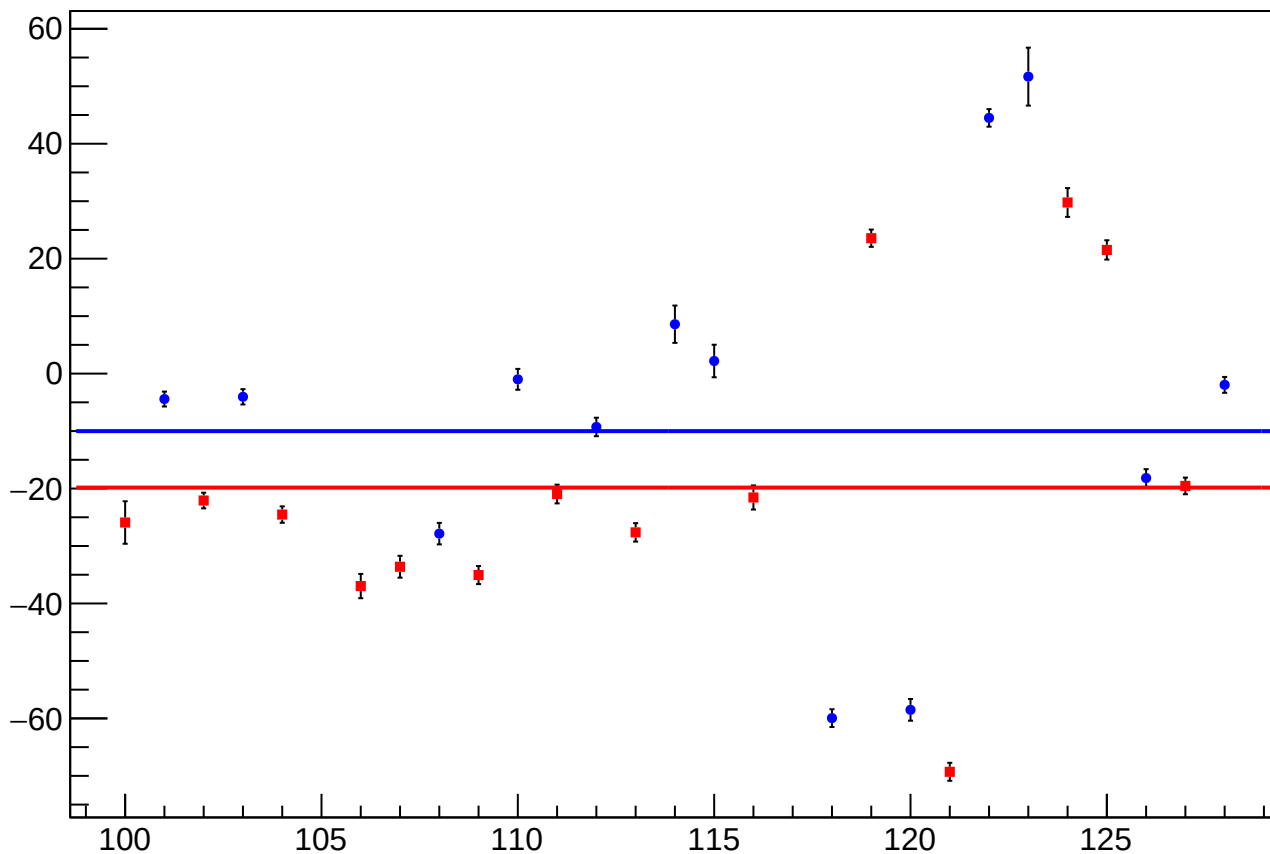
Right: 1038.708+/-0.233 χ^2/NDF : 121875.9/26

In: 1037.717+/-0.337 χ^2/NDF : 58675.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1038.708+/-0.233 χ^2/NDF : 121875.9/26

diff_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -10.012 $\pm$ 0.473 χ^2 /NDF: 3395.9/12

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

Right Out: -19.835 $\pm$ 0.455 χ^2 /NDF: 3084.4/13

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

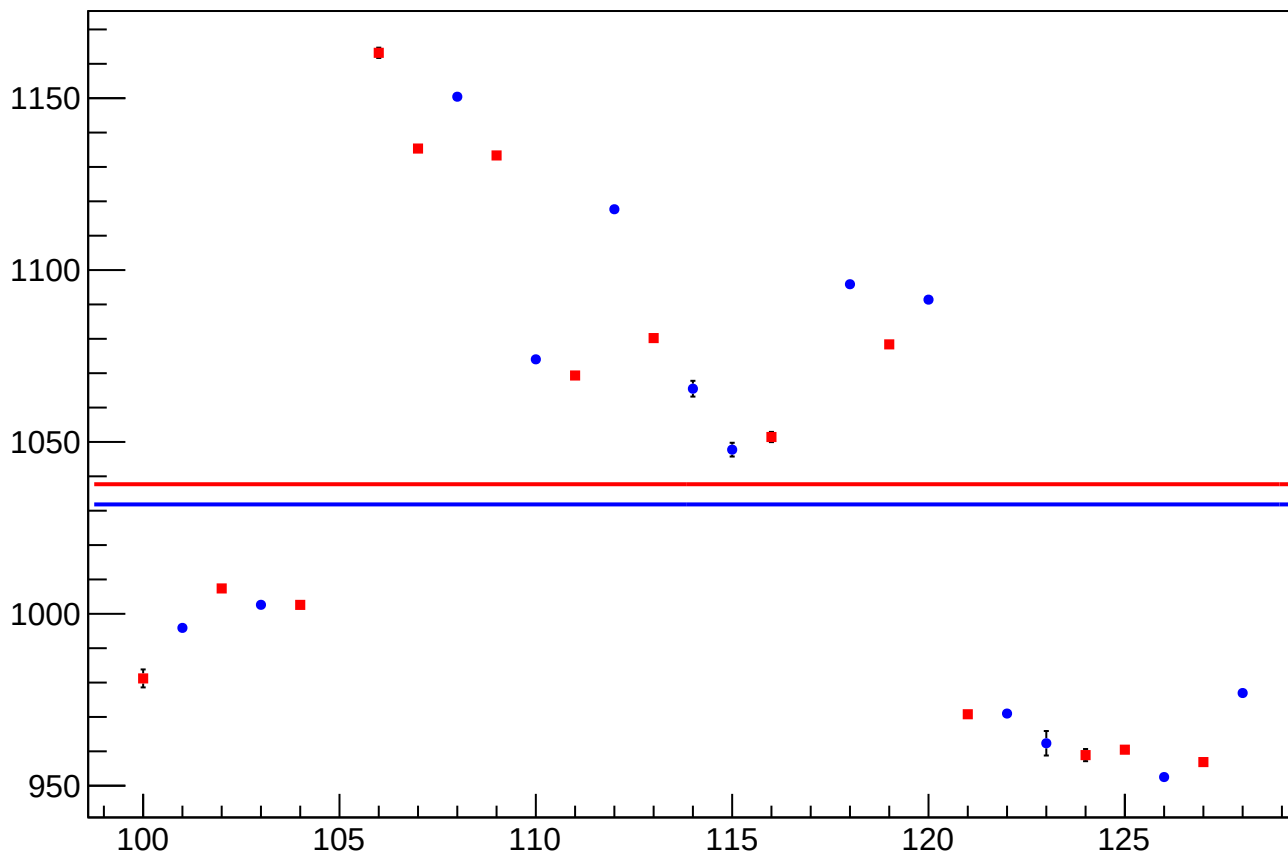
Right: -15.123 $\pm$ 0.328 χ^2 /NDF: 6704.3/26

In: -10.012 $\pm$ 0.473 χ^2 /NDF:3395.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -15.123 $\pm$ 0.328 χ^2 /NDF: 6704.3/26

diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 1031.828+/-0.335 χ^2/NDF : 35019.4/12

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

Right Out: 1037.700+/-0.321 χ^2/NDF : 42216.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

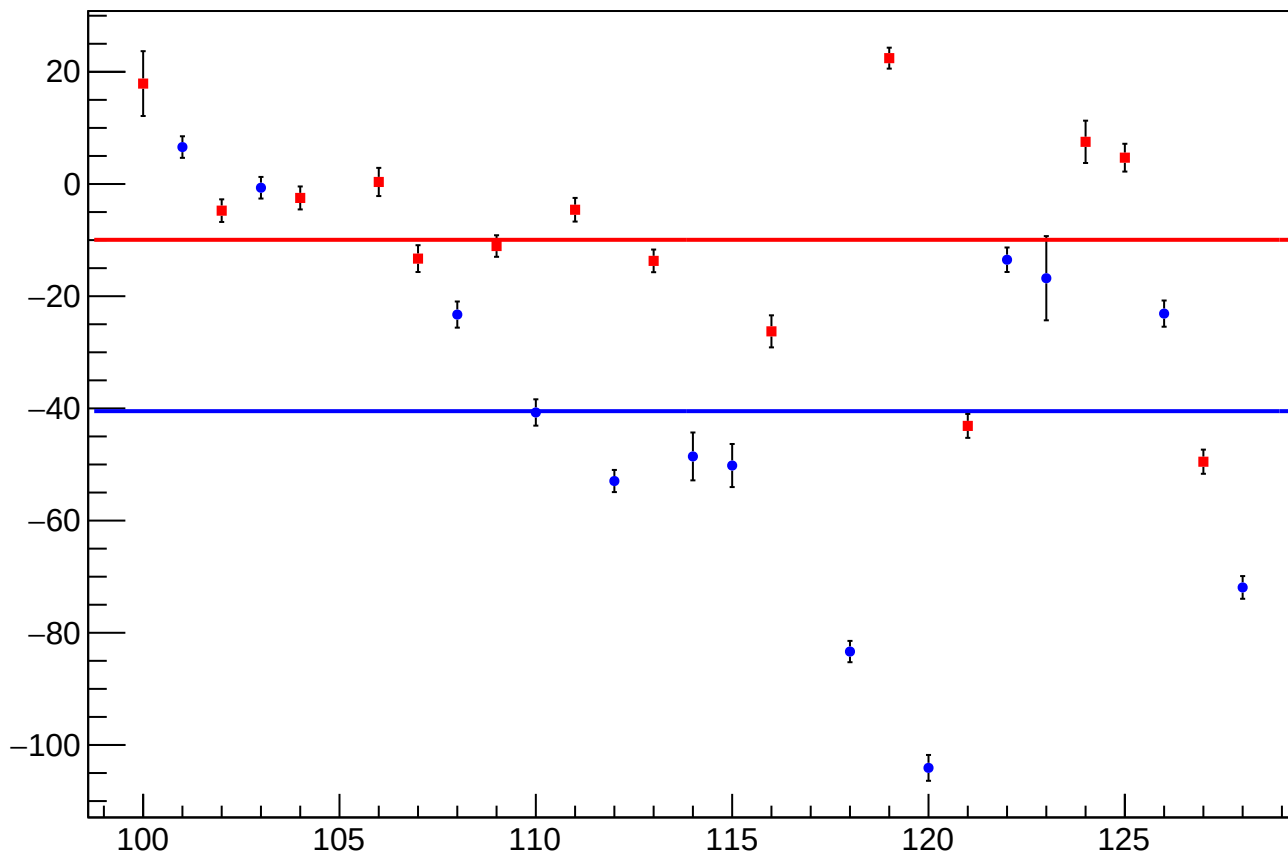
Right: 1034.883+/-0.232 χ^2/NDF : 77396.3/26

In: 1031.828+/-0.335 χ^2/NDF : 35019.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1034.883+/-0.232 χ^2/NDF : 77396.3/26

diff_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -40.492 ± 0.645 $\chi^2/\text{NDF}: 2861.2/12$

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

Right Out: -9.947 ± 0.612 $\chi^2/\text{NDF}: 1041.4/13$

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

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

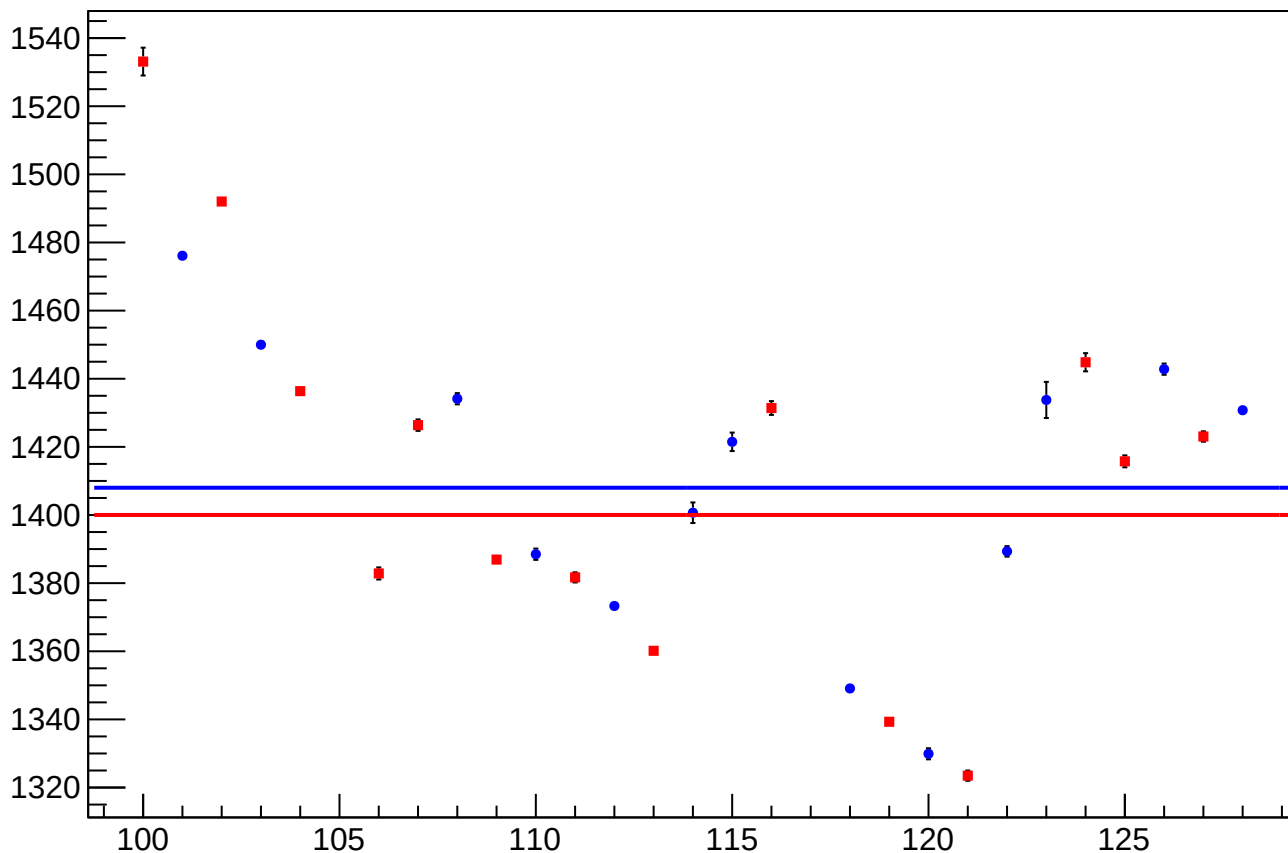
Right: -24.430 ± 0.444 $\chi^2/\text{NDF}: 5082.5/26$

In: -40.492 ± 0.645 $\chi^2/\text{NDF}: 2861.2/12$

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

All: -24.430 ± 0.444 $\chi^2/\text{NDF}: 5082.5/26$

diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1408.006+/-0.456 χ^2/NDF : 9586.0/12

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

Right Out: 1400.016+/-0.433 χ^2/NDF : 12739.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

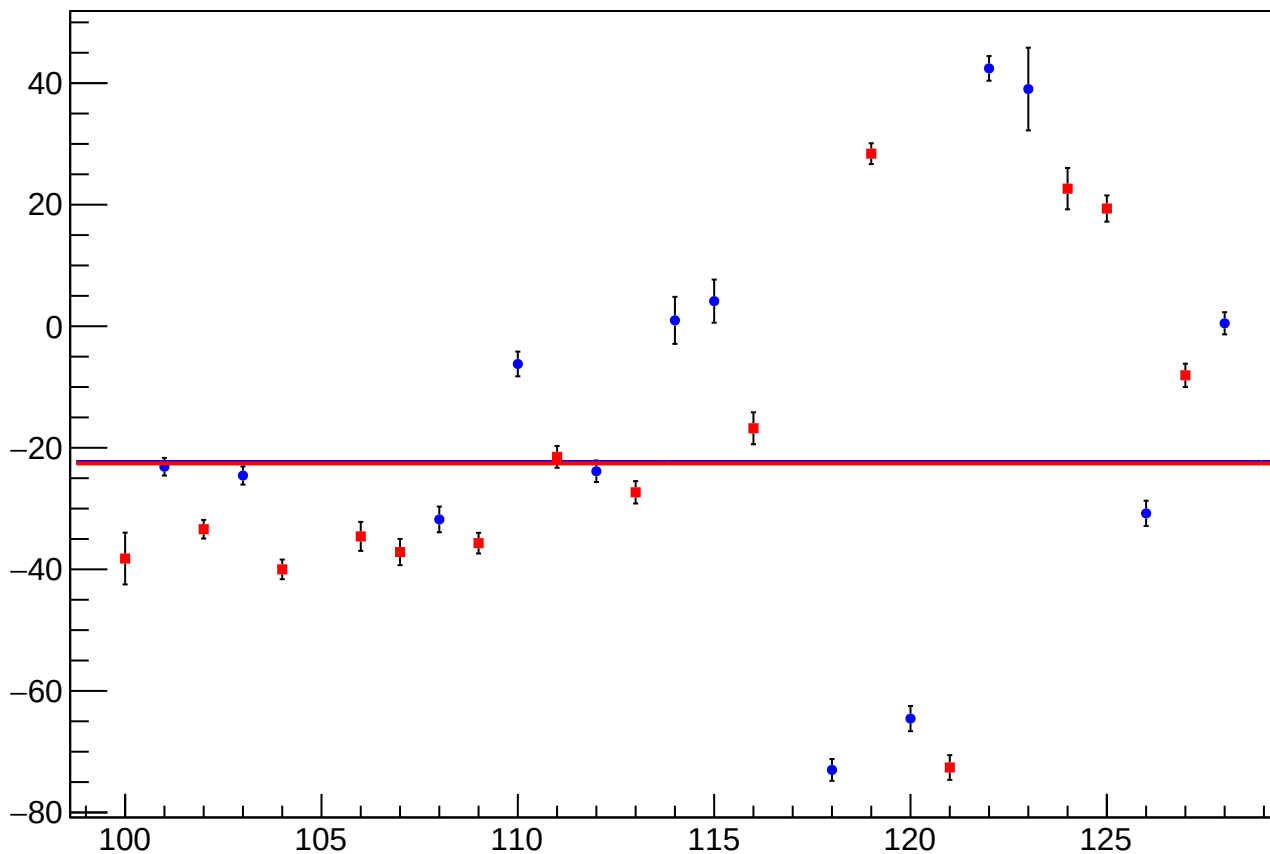
Right: 1403.804+/-0.314 χ^2/NDF : 22486.8/26

In: 1408.006+/-0.456 χ^2/NDF : 9586.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1403.804+/-0.314 χ^2/NDF : 22486.8/26

diff_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -22.332 $\pm$ 0.560 χ^2 /NDF: 2667.1/12

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

Right Out: -22.568 $\pm$ 0.534 χ^2 /NDF: 2423.4/13

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

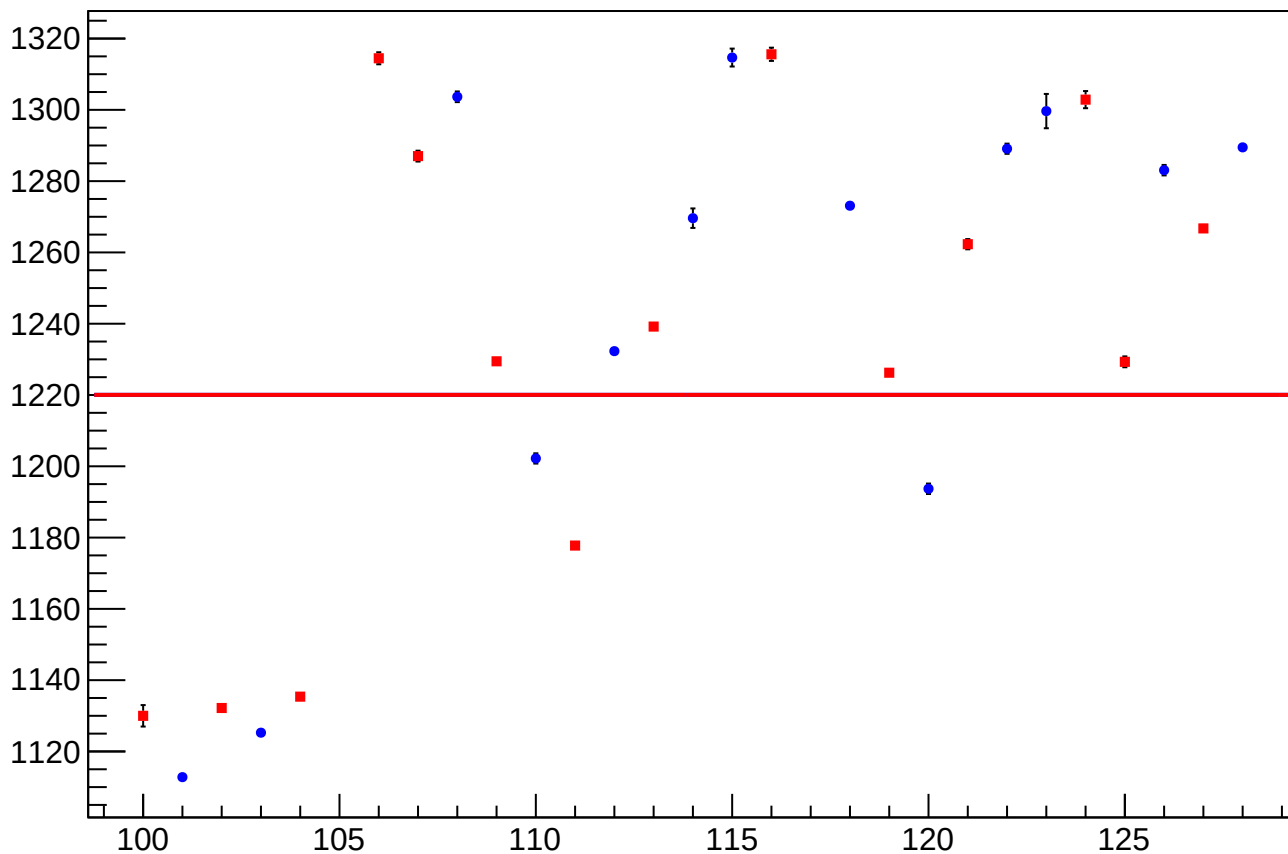
Right: -22.456 $\pm$ 0.386 χ^2 /NDF: 5090.6/26

In: -22.332 $\pm$ 0.560 χ^2 /NDF:2667.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -22.456 $\pm$ 0.386 χ^2 /NDF: 5090.6/26

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1220.044+/-0.396 χ^2/NDF : 33496.3/12

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

Right Out: 1220.036+/-0.378 χ^2/NDF : 25349.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

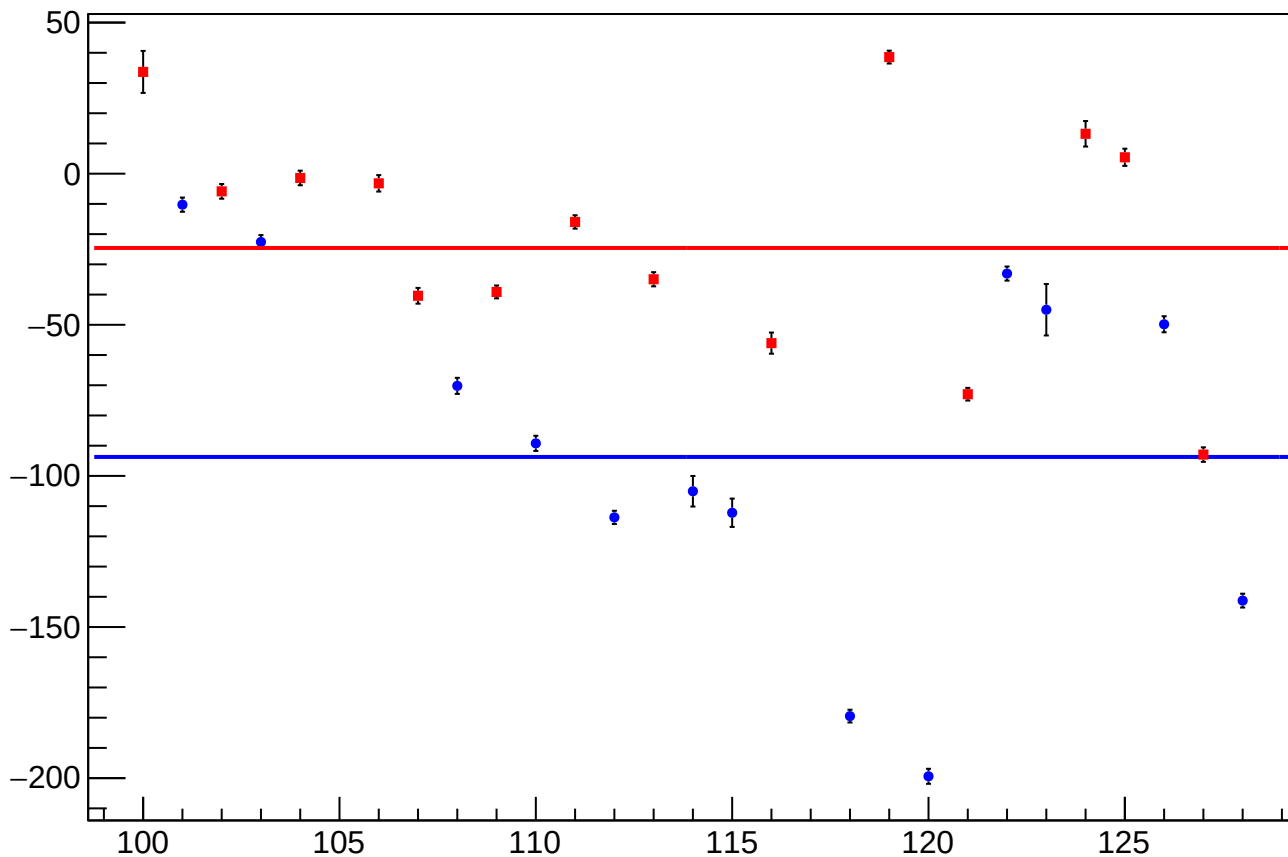
Right: 1220.040+/-0.273 χ^2/NDF : 58845.2/26

In: 1220.044+/-0.396 χ^2/NDF : 33496.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1220.040+/-0.273 χ^2/NDF : 58845.2/26

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -93.722 ± 0.728 $\chi^2/\text{NDF}: 7296.5/12$

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

Right Out: -24.577 ± 0.685 $\chi^2/\text{NDF}: 2897.9/13$

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

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

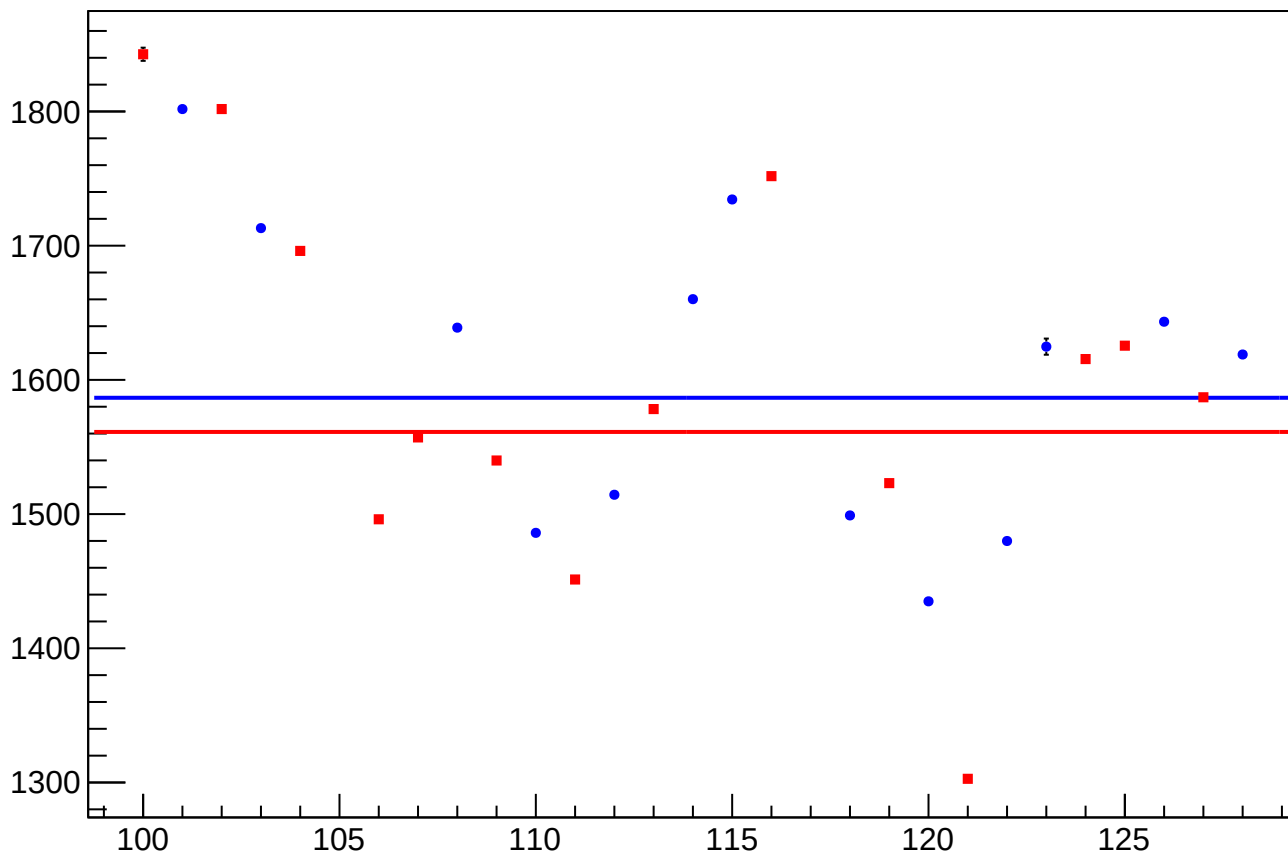
Right: -57.023 ± 0.499 $\chi^2/\text{NDF}: 14976.7/26$

In: -93.722 ± 0.728 $\chi^2/\text{NDF}: 7296.5/12$

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

All: -57.023 ± 0.499 $\chi^2/\text{NDF}: 14976.7/26$

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1586.670+/-0.515 χ^2/NDF : 47974.8/12

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

Right Out: 1561.212+/-0.484 χ^2/NDF : 73889.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

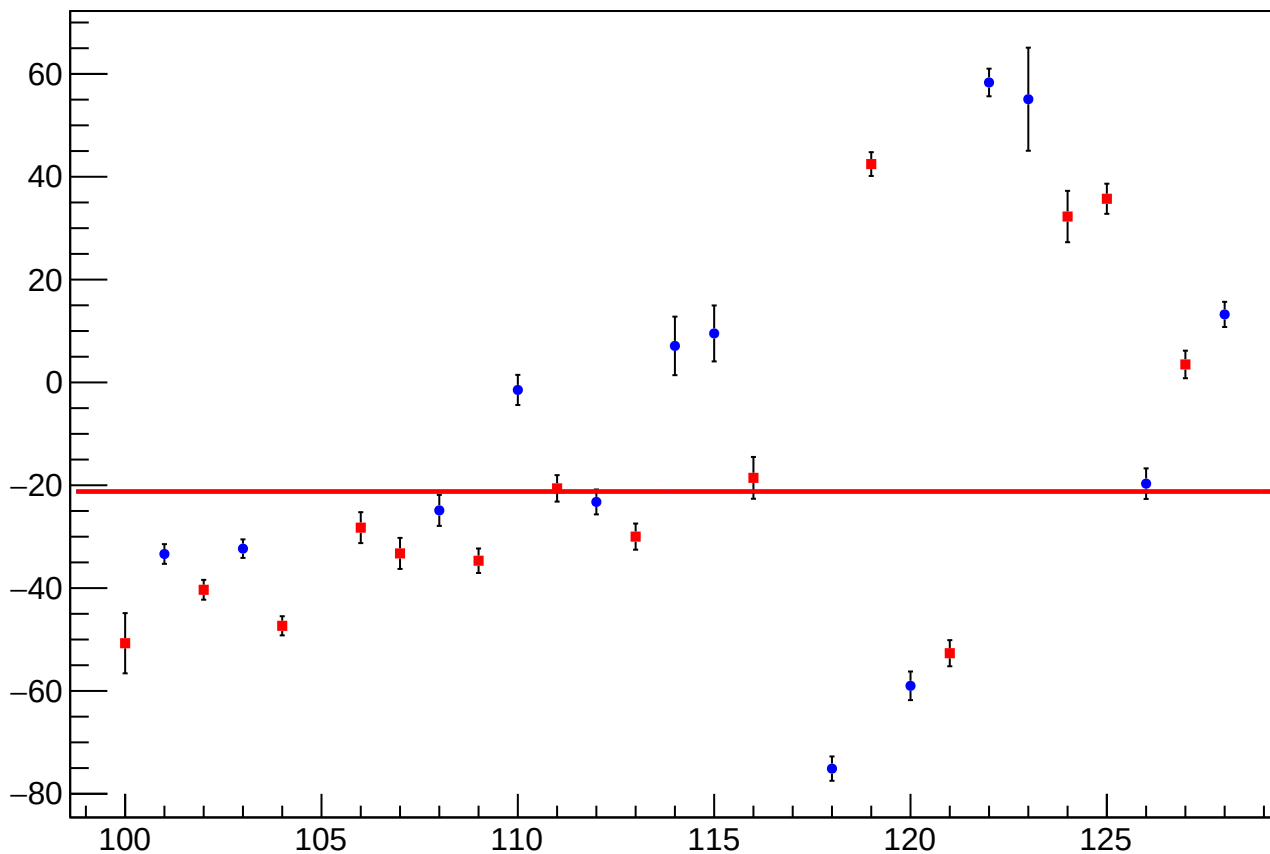
Right: 1573.158+/-0.353 χ^2/NDF : 123161.0/26

In: 1586.670+/-0.515 χ^2/NDF : 47974.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1573.158+/-0.353 χ^2/NDF : 123161.0/26

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -21.243+/-0.750 χ^2/NDF : 2020.6/12

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

Right Out: -21.166+/-0.709 χ^2/NDF : 1873.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

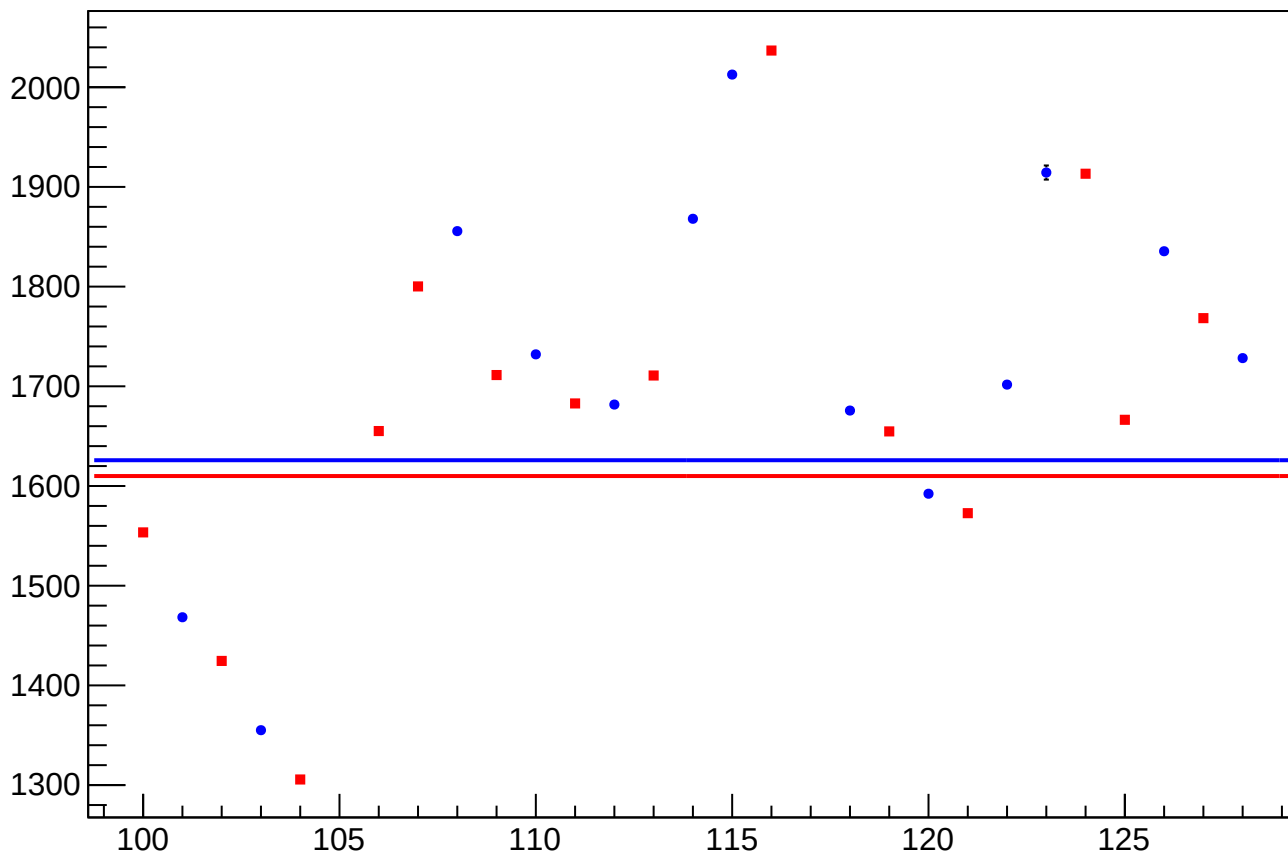
Right: -21.202+/-0.515 χ^2/NDF : 3894.4/26

In: -21.243+/-0.750 χ^2/NDF : 2020.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.202+/-0.515 χ^2/NDF : 3894.4/26

diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1625.857+/-0.530 χ^2/NDF : 105628.4/12

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

Right Out: 1609.991+/-0.502 χ^2/NDF : 127280.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

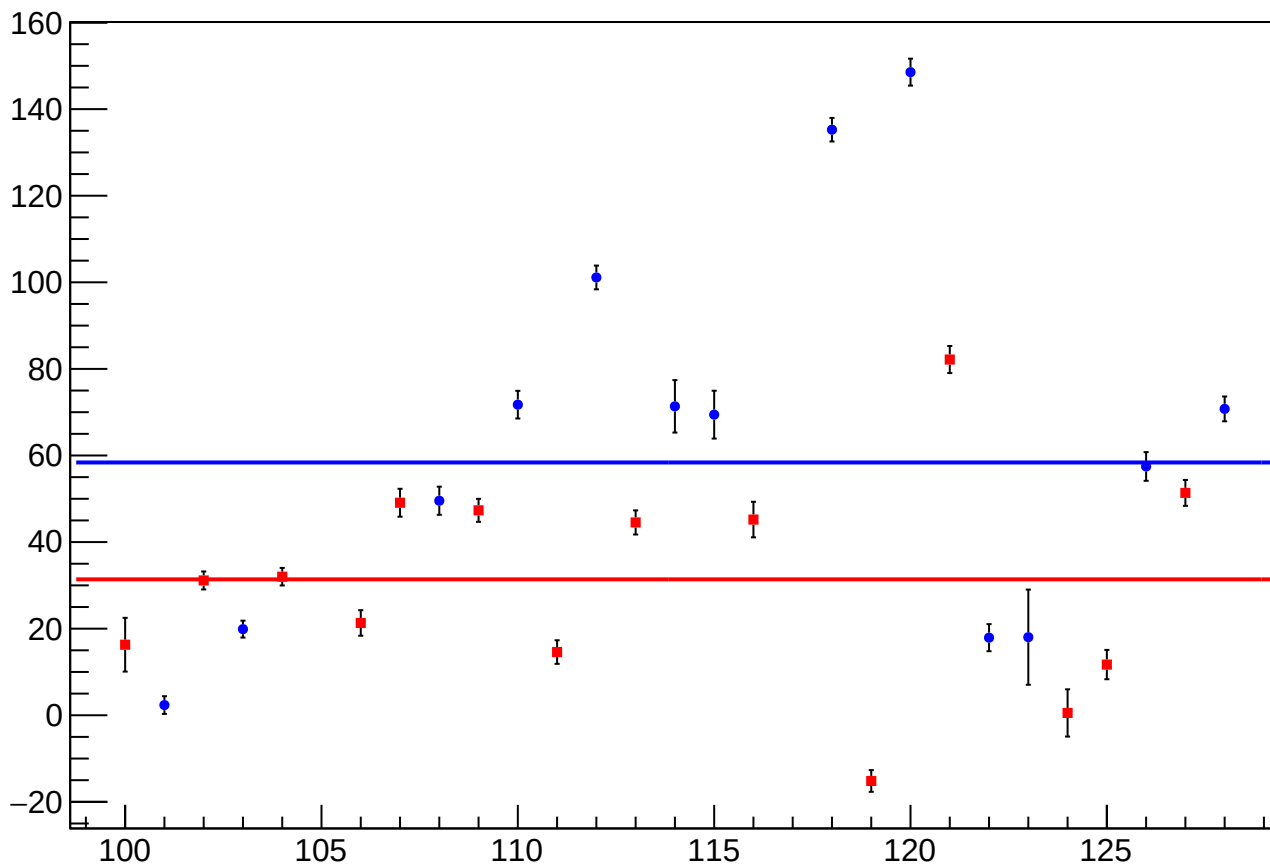
Right: 1617.485+/-0.364 χ^2/NDF : 233381.6/26

In: 1625.857+/-0.530 χ^2/NDF : 105628.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1617.485+/-0.364 χ^2/NDF : 233381.6/26

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 58.386+/-0.830 χ^2/NDF : 3258.8/12

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

Right Out: 31.389+/-0.773 χ^2/NDF : 874.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

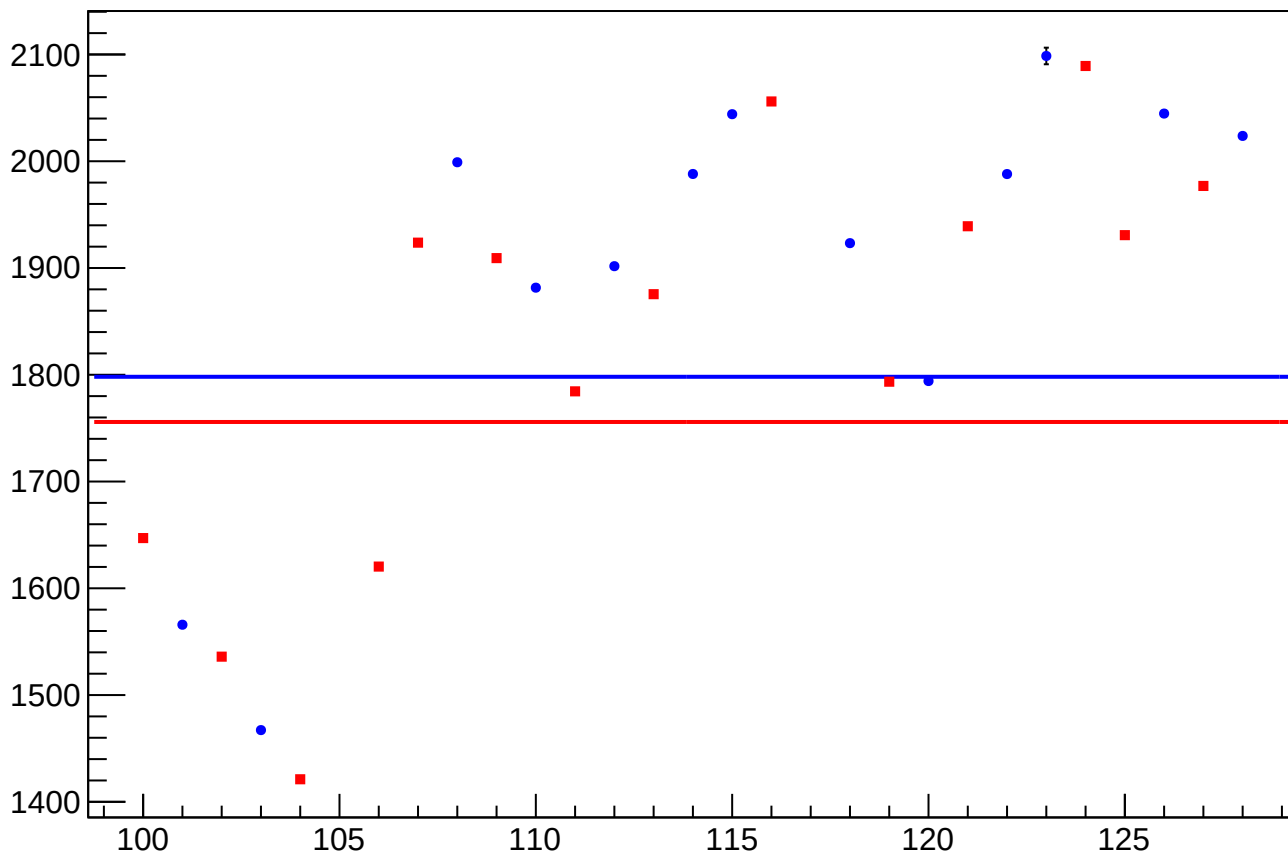
Right: 43.934+/-0.566 χ^2/NDF : 4699.7/26

In: 58.386+/-0.830 χ^2/NDF : 3258.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.934+/-0.566 χ^2/NDF : 4699.7/26

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1798.112+/-0.587 χ^2/NDF : 137832.3/12

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

Right Out: 1755.785+/-0.547 χ^2/NDF : 139581.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

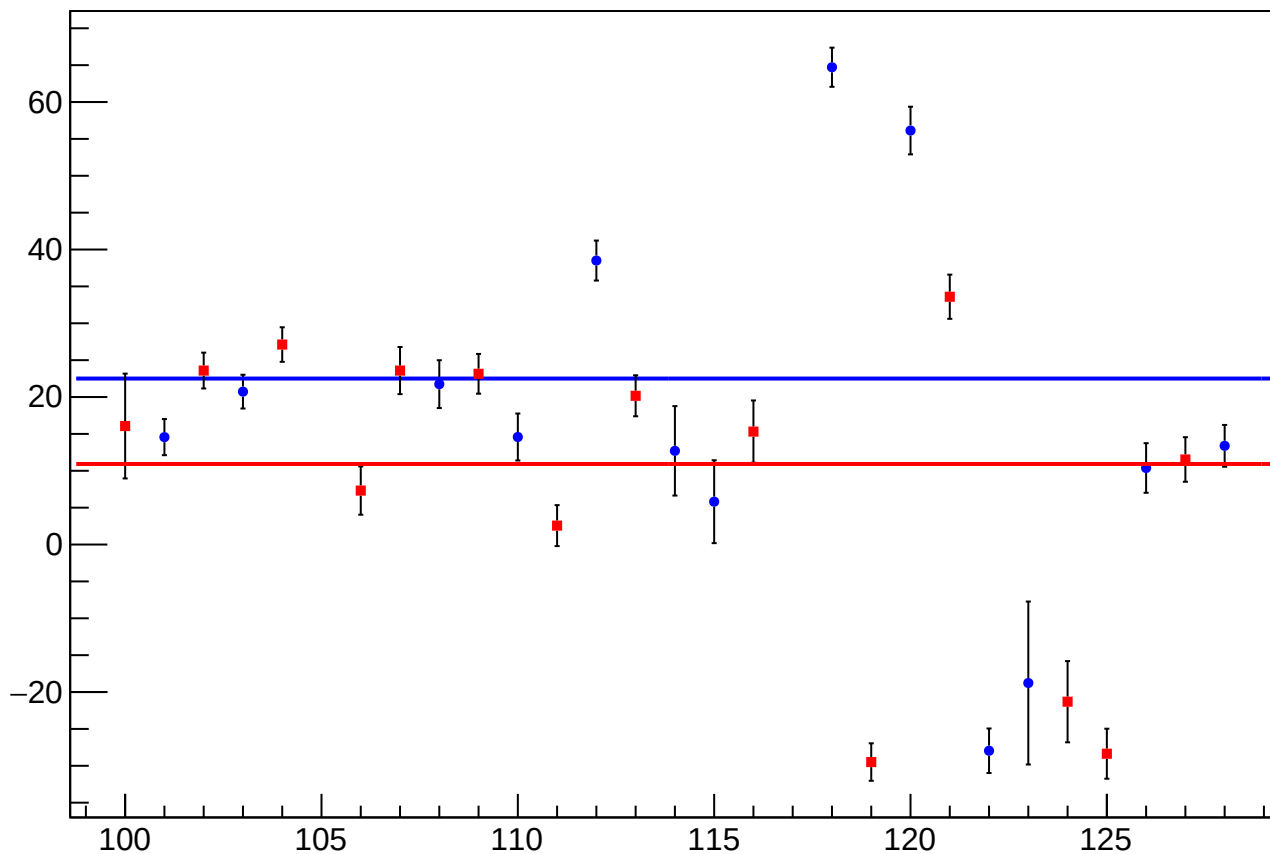
Right: 1775.454+/-0.400 χ^2/NDF : 280196.5/26

In: 1798.112+/-0.587 χ^2/NDF : 137832.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1775.454+/-0.400 χ^2/NDF : 280196.5/26

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 22.507+/-0.872 χ^2/NDF : 742.2/12

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

Right Out: 10.925+/-0.813 χ^2/NDF : 612.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

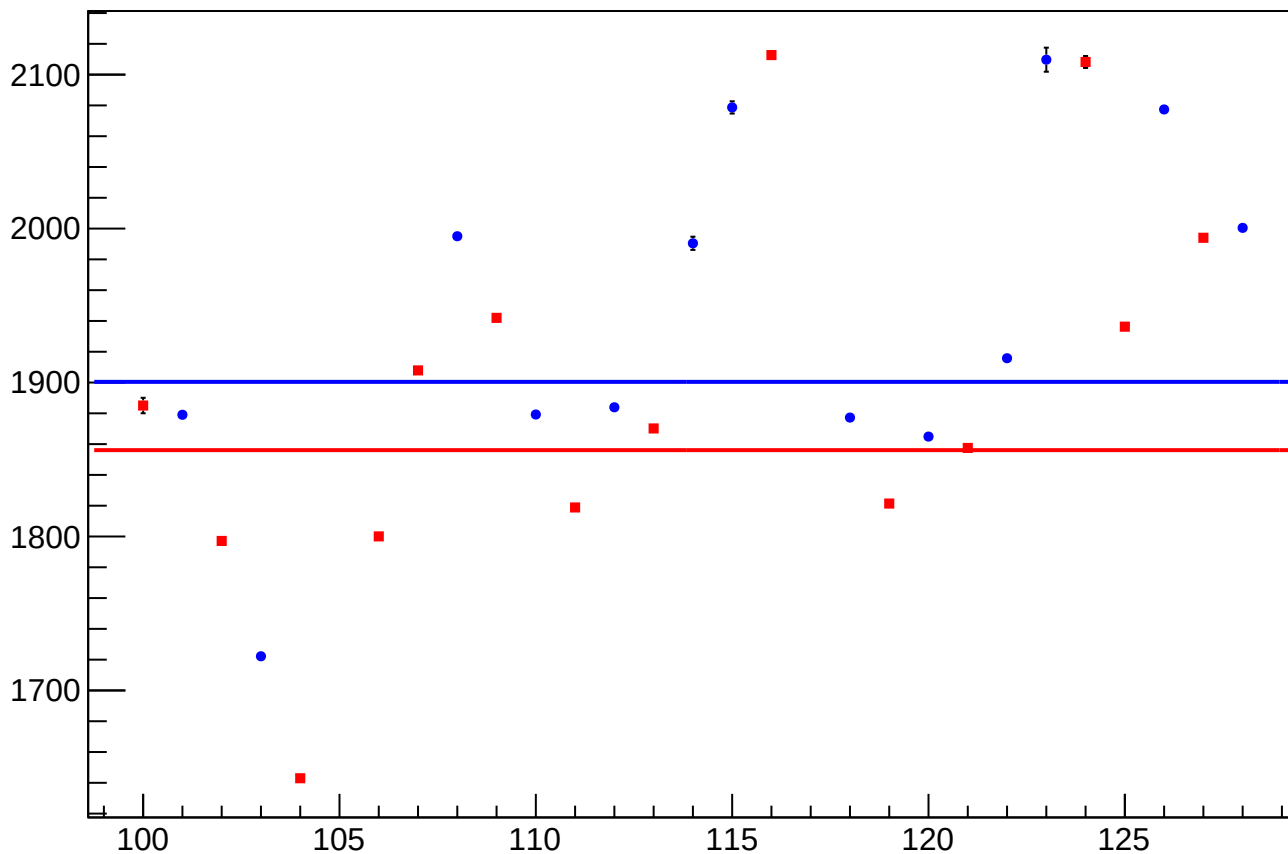
Right: 16.314+/-0.595 χ^2/NDF : 1449.4/26

In: 22.507+/-0.872 χ^2/NDF : 742.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.314+/-0.595 χ^2/NDF : 1449.4/26

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1900.445+/-0.617 χ^2/NDF : 25773.3/12

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

Right Out: 1856.082+/-0.575 χ^2/NDF : 38577.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

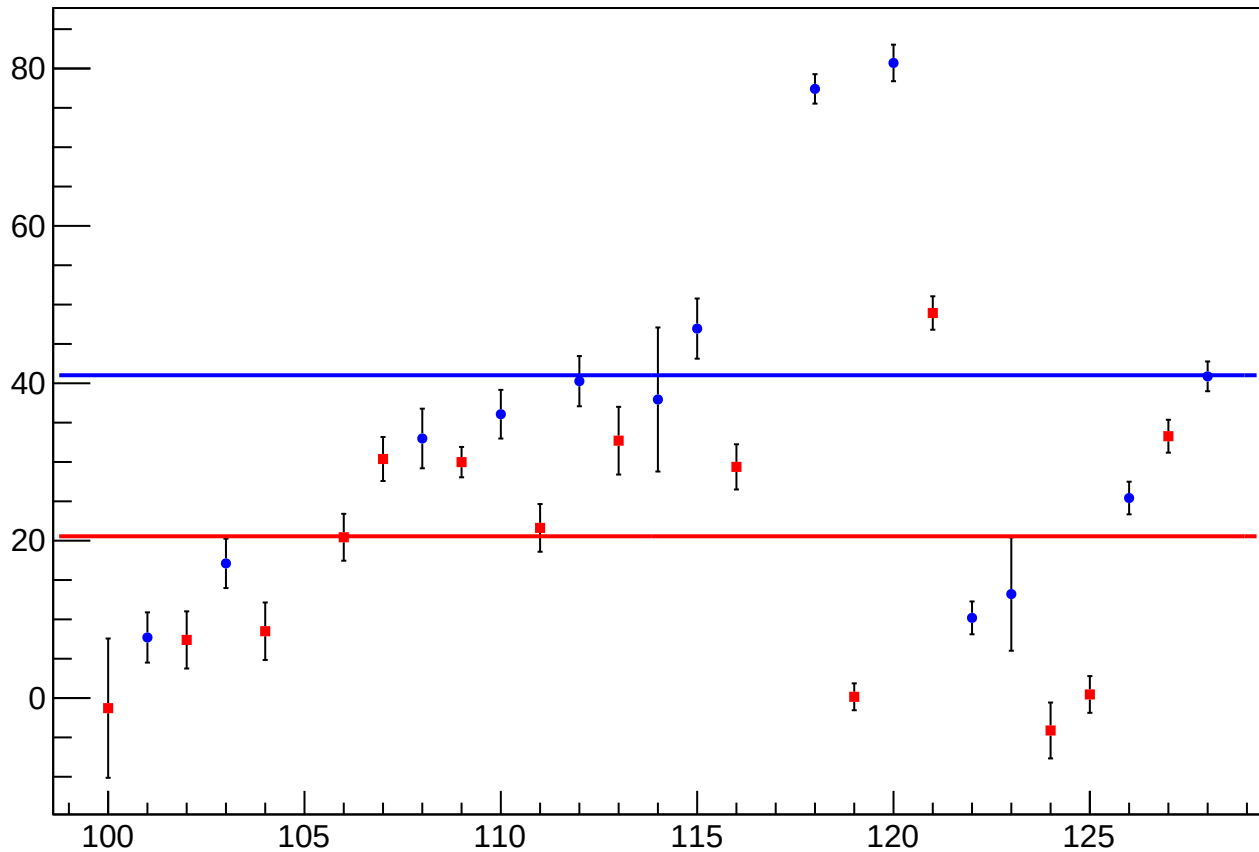
Right: 1876.721+/-0.421 χ^2/NDF : 67119.4/26

In: 1900.445+/-0.617 χ^2/NDF : 25773.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1876.721+/-0.421 χ^2/NDF : 67119.4/26

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 41.021+/-0.748 χ^2/NDF : 1137.3/12

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

Right Out: 20.559+/-0.705 χ^2/NDF : 564.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

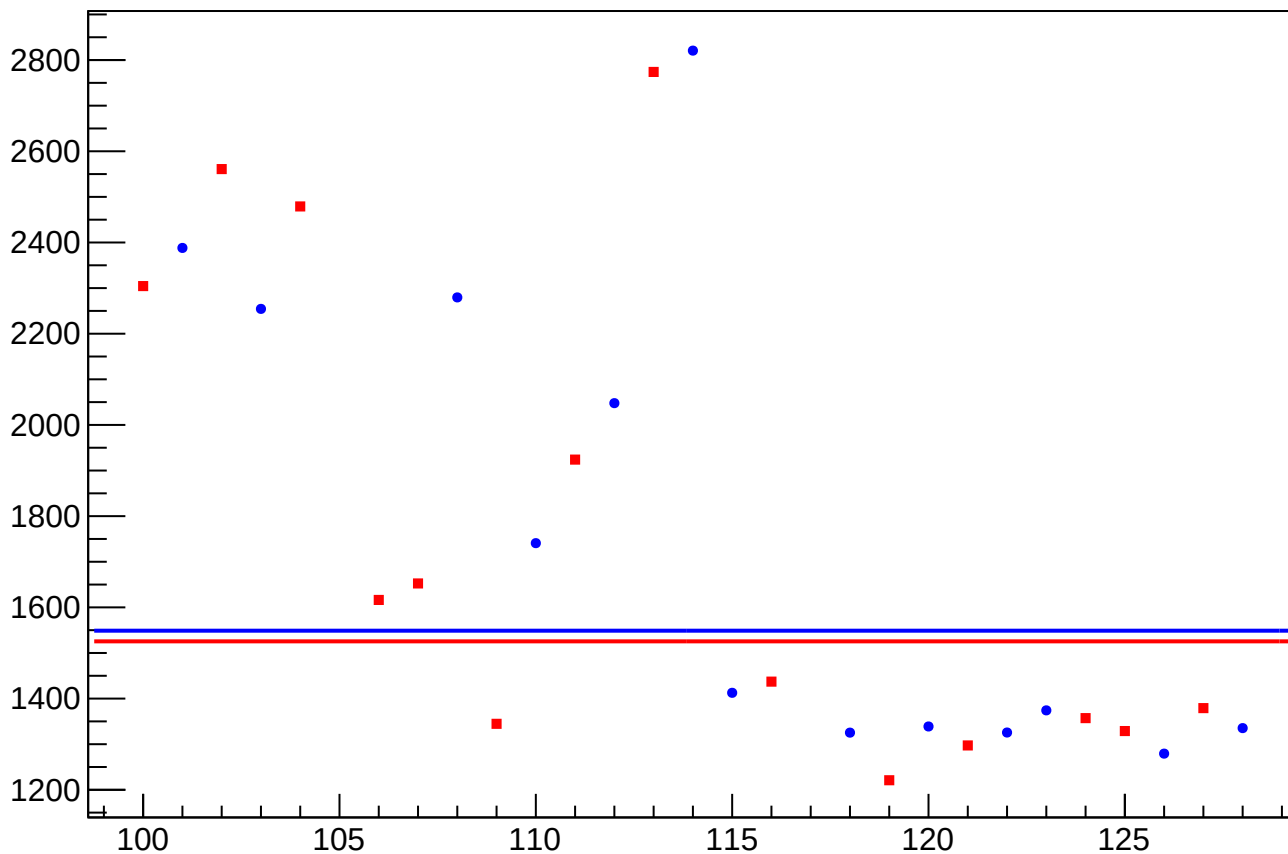
Right: 30.175+/-0.513 χ^2/NDF : 2098.4/26

In: 41.021+/-0.748 χ^2/NDF : 1137.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.175+/-0.513 χ^2/NDF : 2098.4/26

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 1548.864+/-0.529 χ^2/NDF : 540009.1/12

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

Right Out: 1525.482+/-0.498 χ^2/NDF : 658145.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

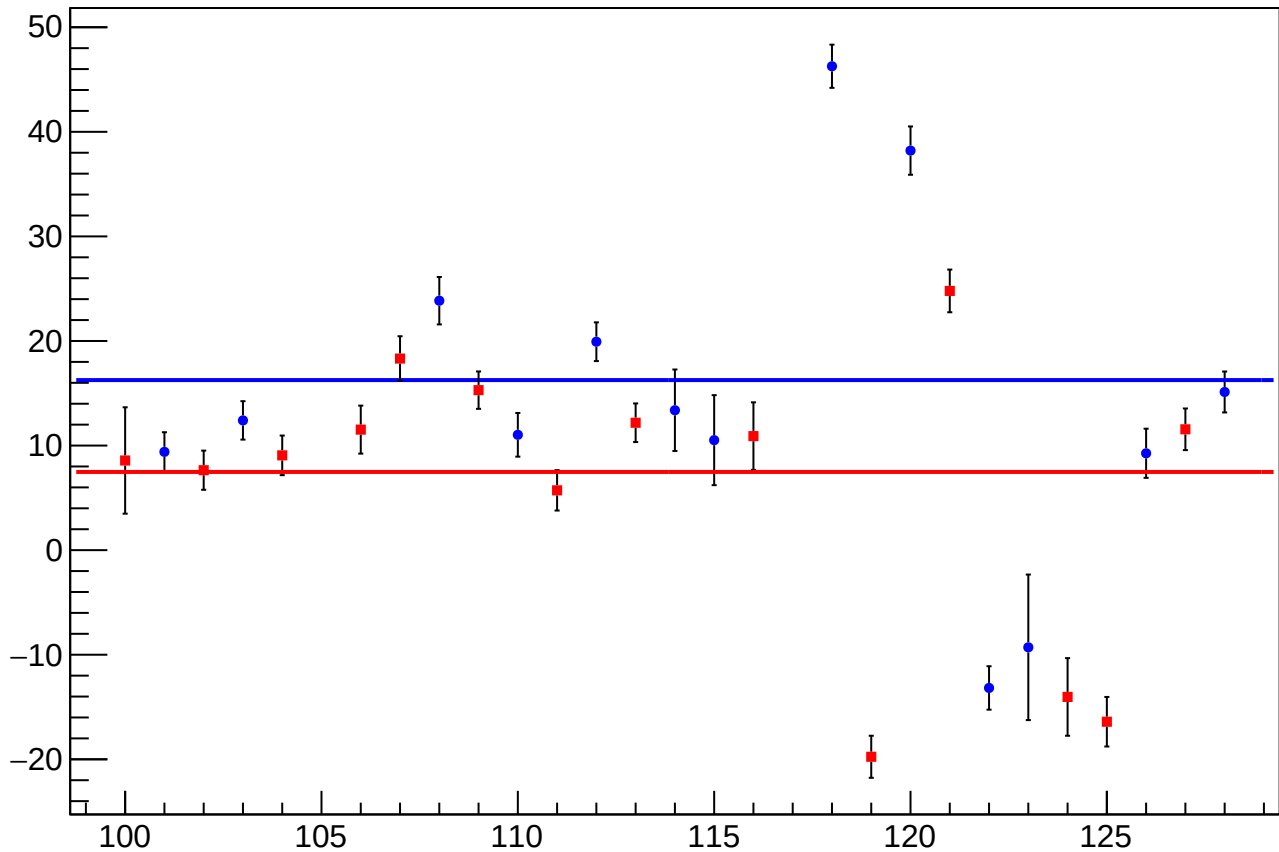
Right: 1536.471+/-0.363 χ^2/NDF : 1199188.9/26

In: 1548.864+/-0.529 χ^2/NDF : 540009.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1536.471+/-0.363 χ^2/NDF : 1199188.9/26

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 16.261+/-0.628 χ^2/NDF : 567.0/12

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

Right Out: 7.478+/-0.580 χ^2/NDF : 452.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

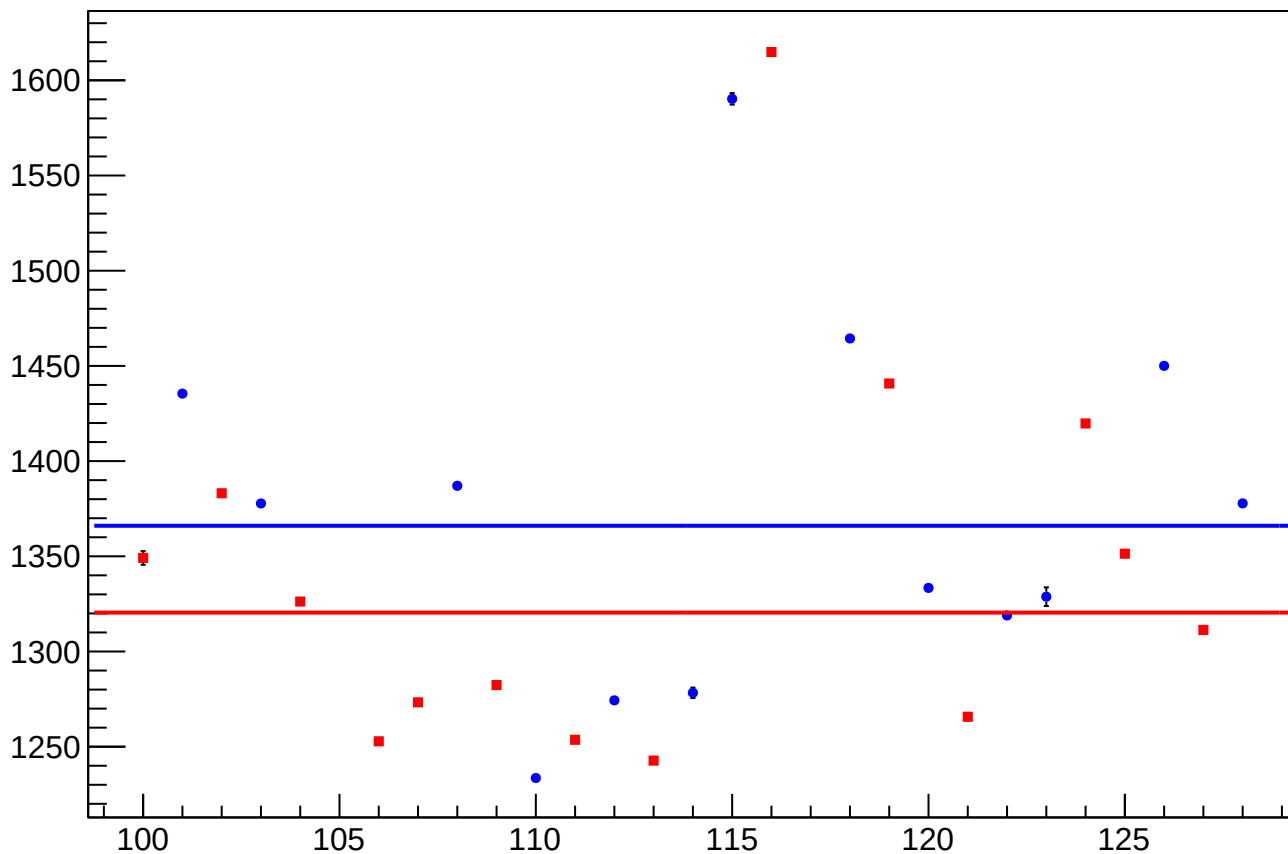
Right: 11.517+/-0.426 χ^2/NDF : 1124.7/26

In: 16.261+/-0.628 χ^2/NDF : 567.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.517+/-0.426 χ^2/NDF : 1124.7/26

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1366.049+/-0.444 χ^2/NDF : 31036.5/12

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

Right Out: 1320.439+/-0.410 χ^2/NDF : 38917.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

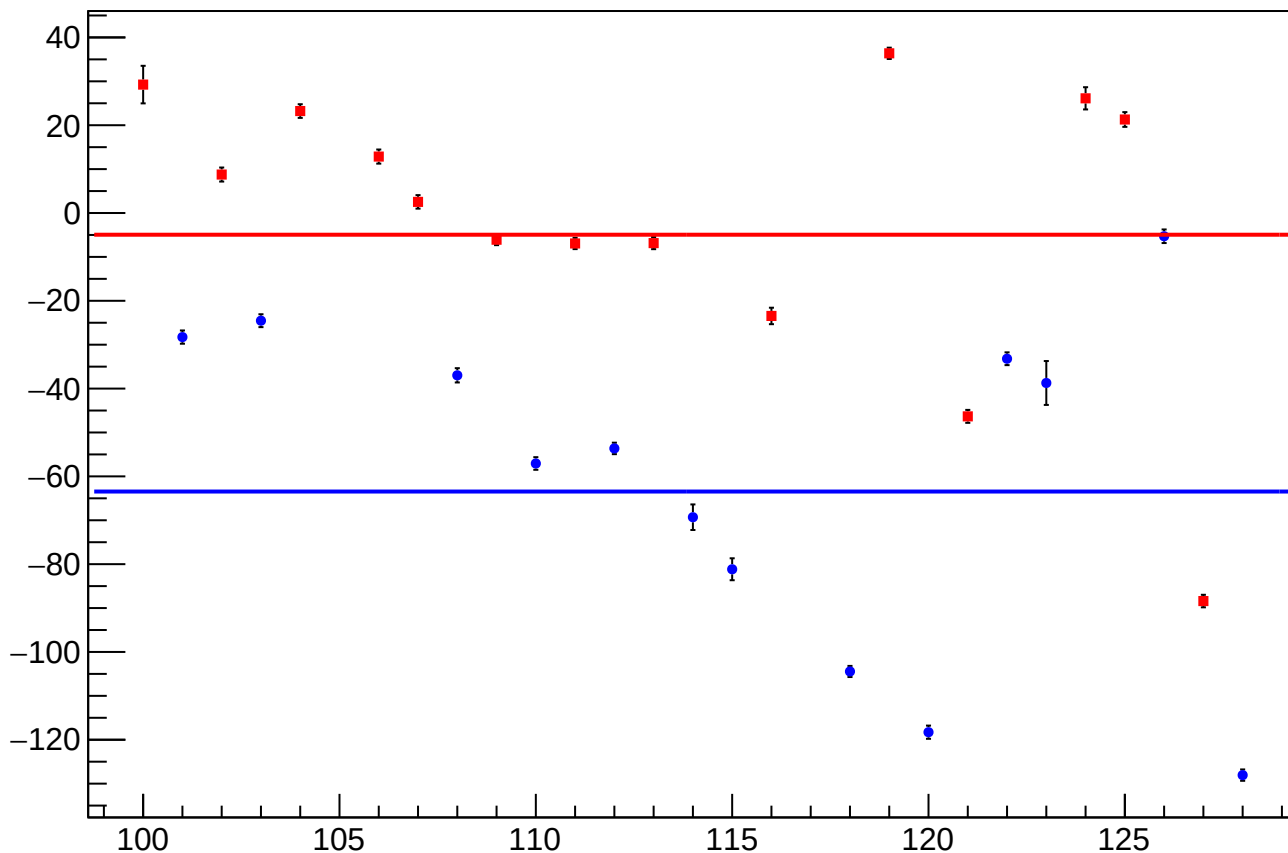
Right: 1341.417+/-0.301 χ^2/NDF : 75644.3/26

In: 1366.049+/-0.444 χ^2/NDF : 31036.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1341.417+/-0.301 χ^2/NDF : 75644.3/26

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -63.453+/-0.438 χ^2/NDF : 8375.1/12

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

Right Out: -4.947+/-0.415 χ^2/NDF : 6335.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

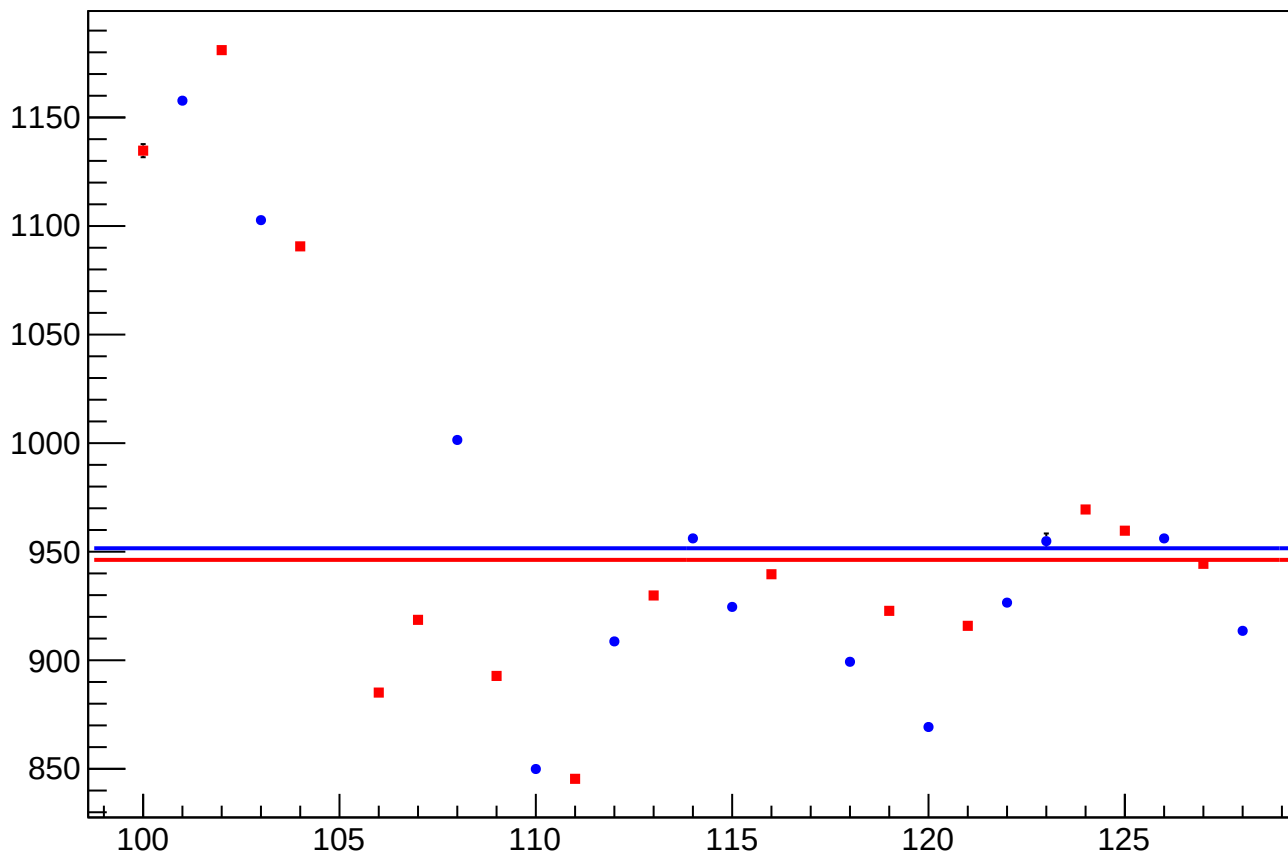
Right: -32.669+/-0.301 χ^2/NDF : 24108.3/26

In: -63.453+/-0.438 χ^2/NDF : 8375.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.669+/-0.301 χ^2/NDF : 24108.3/26

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 951.586+/-0.310 χ^2/NDF : 84510.5/12

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

Right Out: 946.238+/-0.294 χ^2/NDF : 85902.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

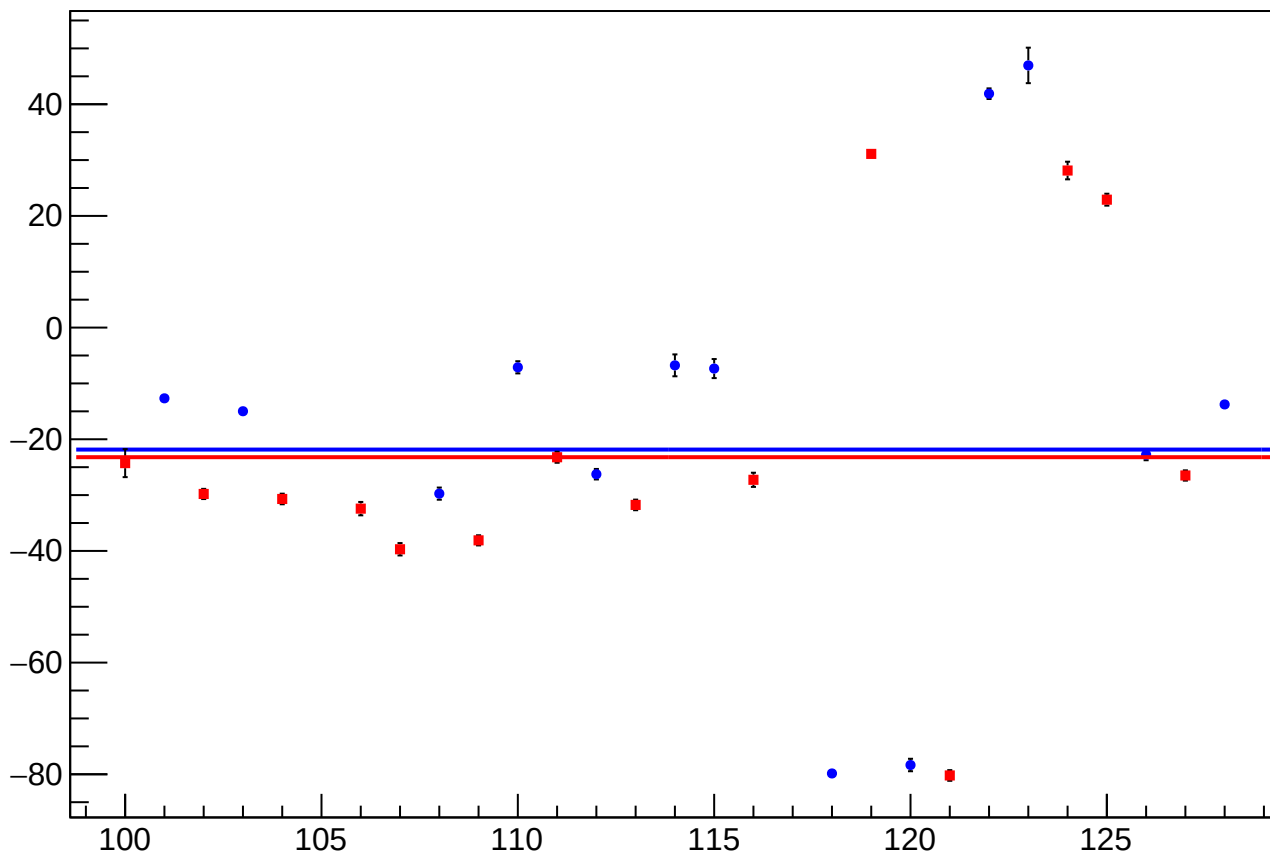
Right: 948.773+/-0.213 χ^2/NDF : 170570.3/26

In: 951.586+/-0.310 χ^2/NDF : 84510.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 948.773+/-0.213 χ^2/NDF : 170570.3/26

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -21.847+/-0.294 χ^2/NDF : 12363.2/12

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

Right Out: -23.212+/-0.279 χ^2/NDF : 11112.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

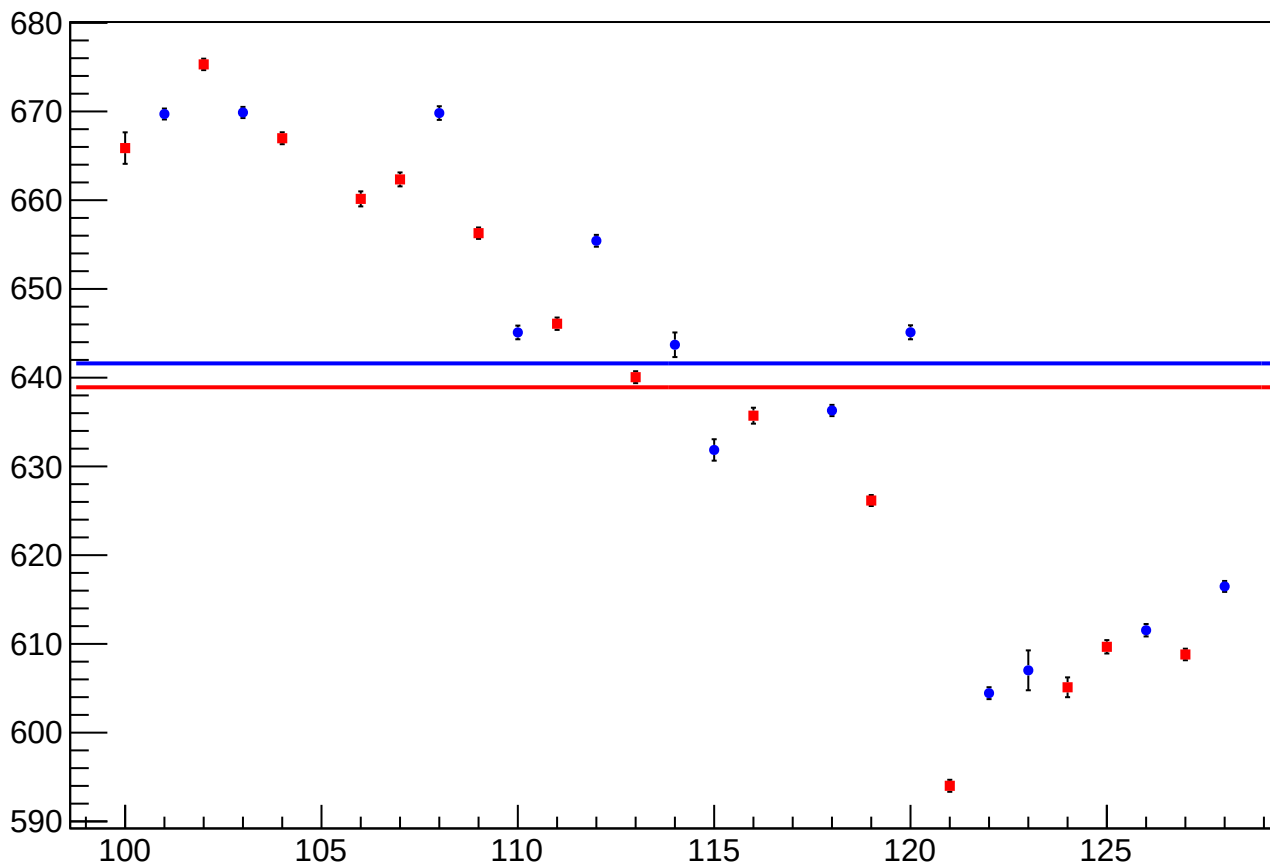
Right: -22.564+/-0.203 χ^2/NDF : 23486.7/26

In: -21.847+/-0.294 χ^2/NDF : 12363.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.564+/-0.203 χ^2/NDF : 23486.7/26

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 641.609+/-0.208 χ^2/NDF : 12844.8/12

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

Right Out: 638.917+/-0.198 χ^2/NDF : 16911.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

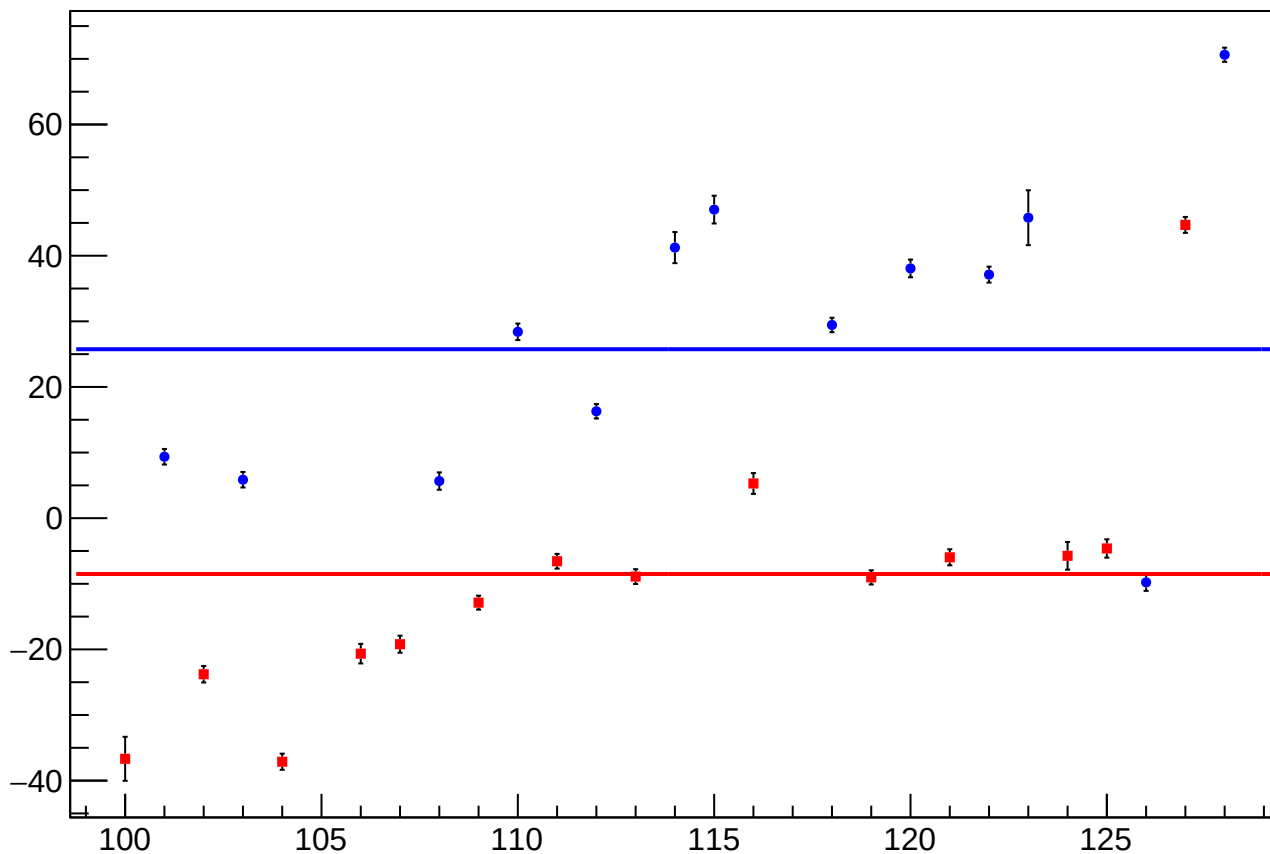
Right: 640.195+/-0.143 χ^2/NDF : 29844.1/26

In: 641.609+/-0.208 χ^2/NDF : 12844.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 640.195+/-0.143 χ^2/NDF : 29844.1/26

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 25.749+/-0.367 χ^2 /NDF: 3594.7/12

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

Right Out: -8.509+/-0.349 χ^2 /NDF: 2924.2/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

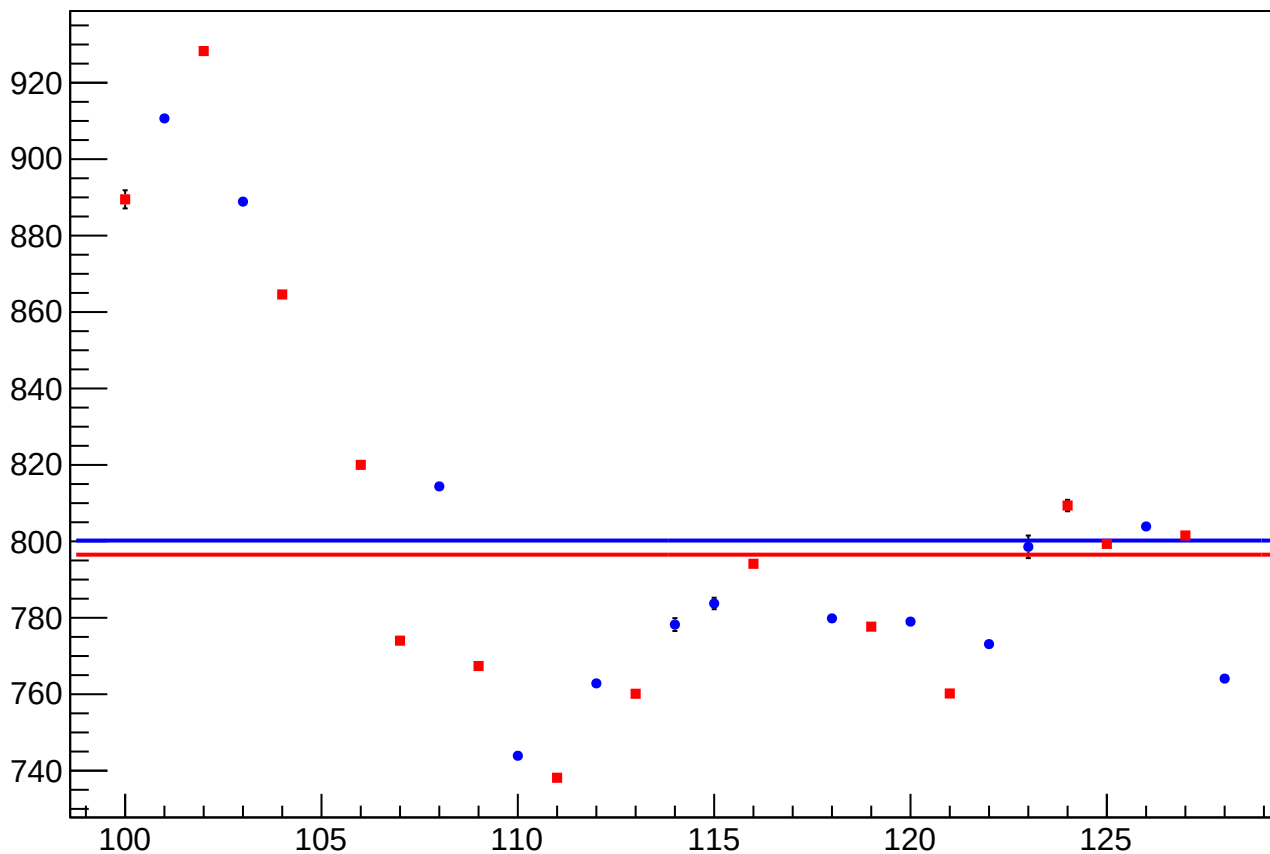
Right: 7.746+/-0.253 χ^2 /NDF: 11092.9/26

In: 25.749+/-0.367 χ^2 /NDF:3594.7/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 7.746+/-0.253 χ^2 /NDF: 11092.9/26

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 800.213+/-0.260 χ^2/NDF : 39827.7/12

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

Right Out: 796.517+/-0.247 χ^2/NDF : 42198.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

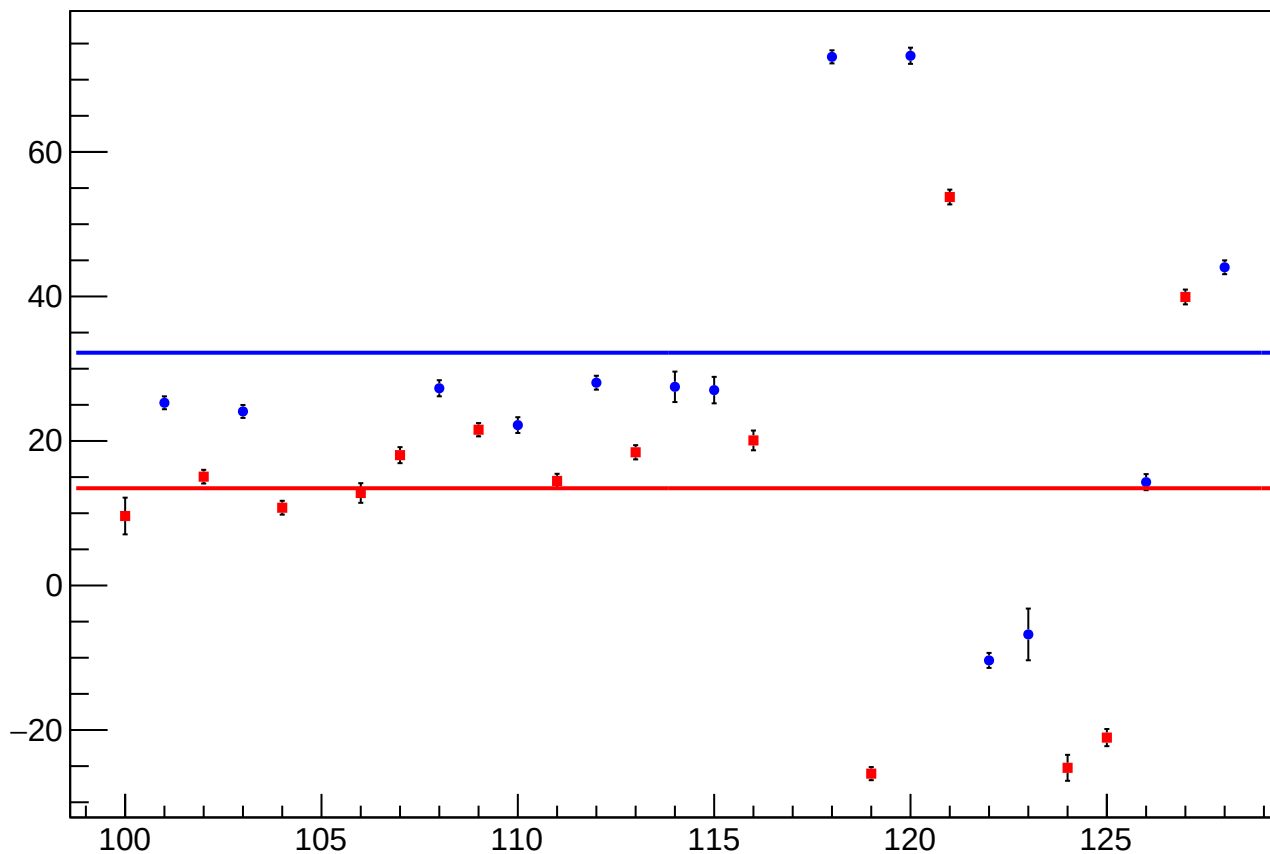
Right: 798.271+/-0.179 χ^2/NDF : 82132.8/26

In: 800.213+/-0.260 χ^2/NDF : 39827.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 798.271+/-0.179 χ^2/NDF : 82132.8/26

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 32.214 $\pm$ 0.306 χ^2 /NDF: 5878.7/12

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

Right Out: 13.459 $\pm$ 0.293 χ^2 /NDF: 5571.2/13

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

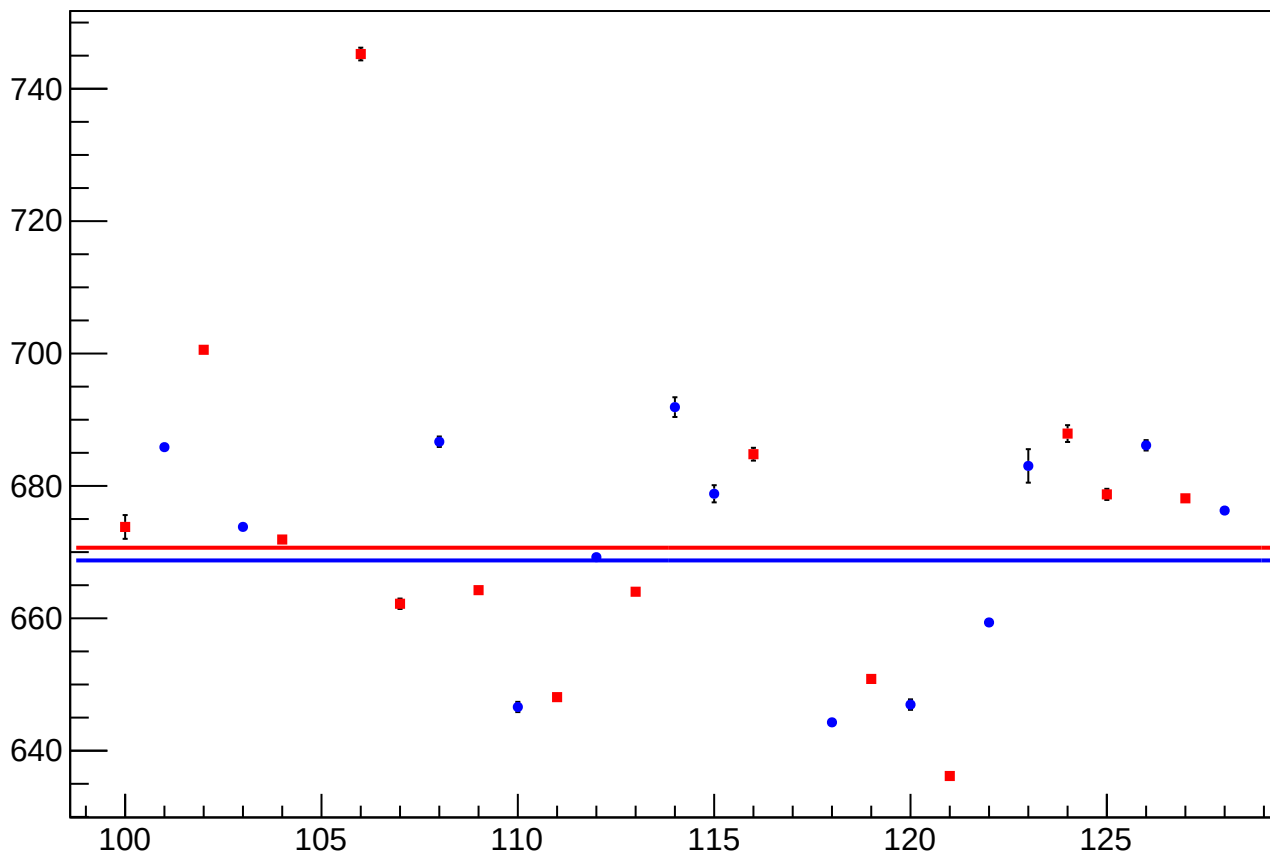
Right: 22.435 $\pm$ 0.212 χ^2 /NDF: 13405.3/26

In: 32.214 $\pm$ 0.306 χ^2 /NDF: 5878.7/12

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

All: 22.435 $\pm$ 0.212 χ^2 /NDF: 13405.3/26

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 668.744 $\pm$ 0.217 χ^2 /NDF: 5454.8/12

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

Right Out: 670.666 $\pm$ 0.207 χ^2 /NDF: 13193.0/13

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

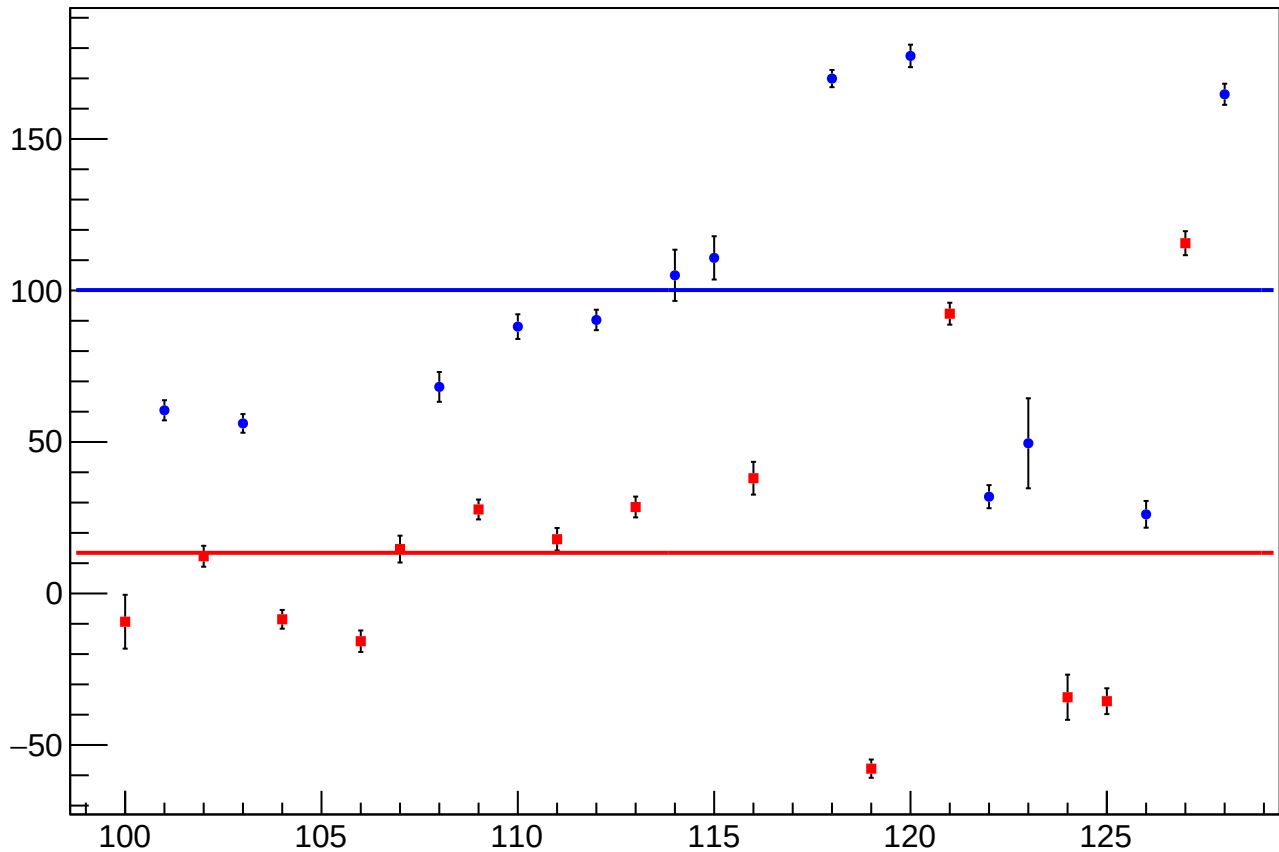
Right: 669.746 $\pm$ 0.150 χ^2 /NDF: 18688.9/26

In: 668.744 $\pm$ 0.217 χ^2 /NDF:5454.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 669.746 $\pm$ 0.150 χ^2 /NDF: 18688.9/26

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 100.137+/-1.102 χ^2/NDF : 2404.9/12

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

Right Out: 13.424+/-1.032 χ^2/NDF : 2053.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

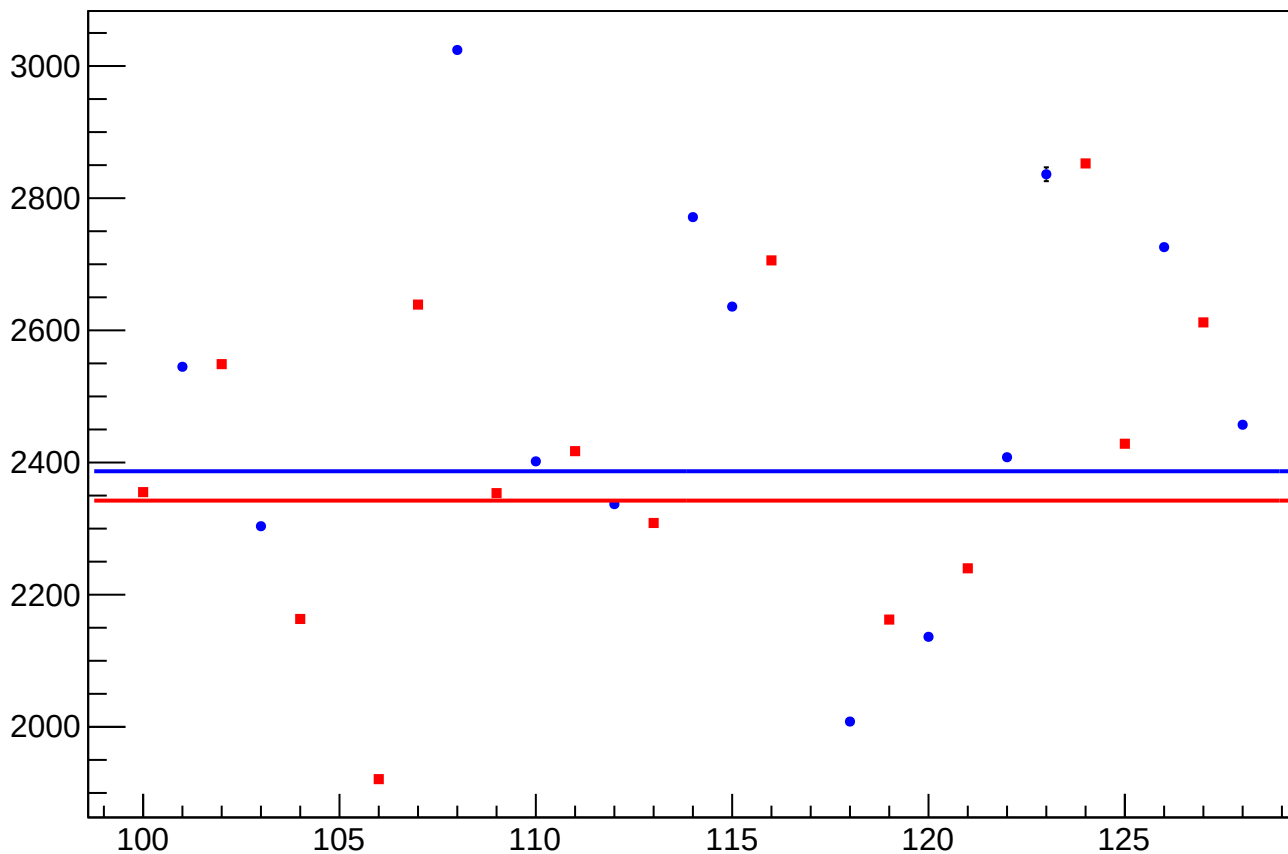
Right: 53.928+/-0.753 χ^2/NDF : 7757.4/26

In: 100.137+/-1.102 χ^2/NDF : 2404.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.928+/-0.753 χ^2/NDF : 7757.4/26

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2386.800+/-0.779 χ^2/NDF : 105976.9/12

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

Right Out: 2342.386+/-0.730 χ^2/NDF : 89322.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

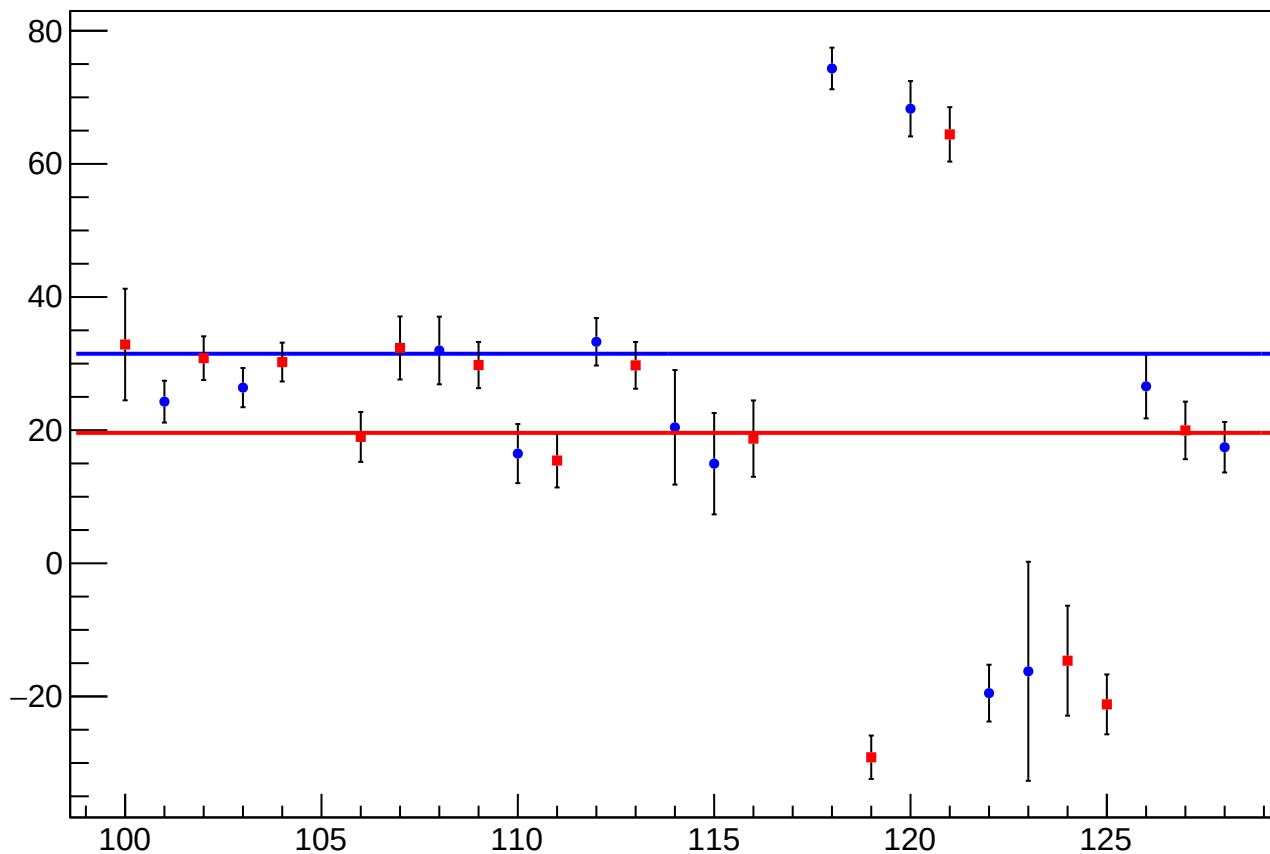
Right: 2363.132+/-0.533 χ^2/NDF : 197029.9/26

In: 2386.800+/-0.779 χ^2/NDF : 105976.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2363.132+/-0.533 χ^2/NDF : 197029.9/26

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 31.482+/-1.157 χ^2/NDF : 458.5/12

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

Right Out: 19.596+/-1.074 χ^2/NDF : 495.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

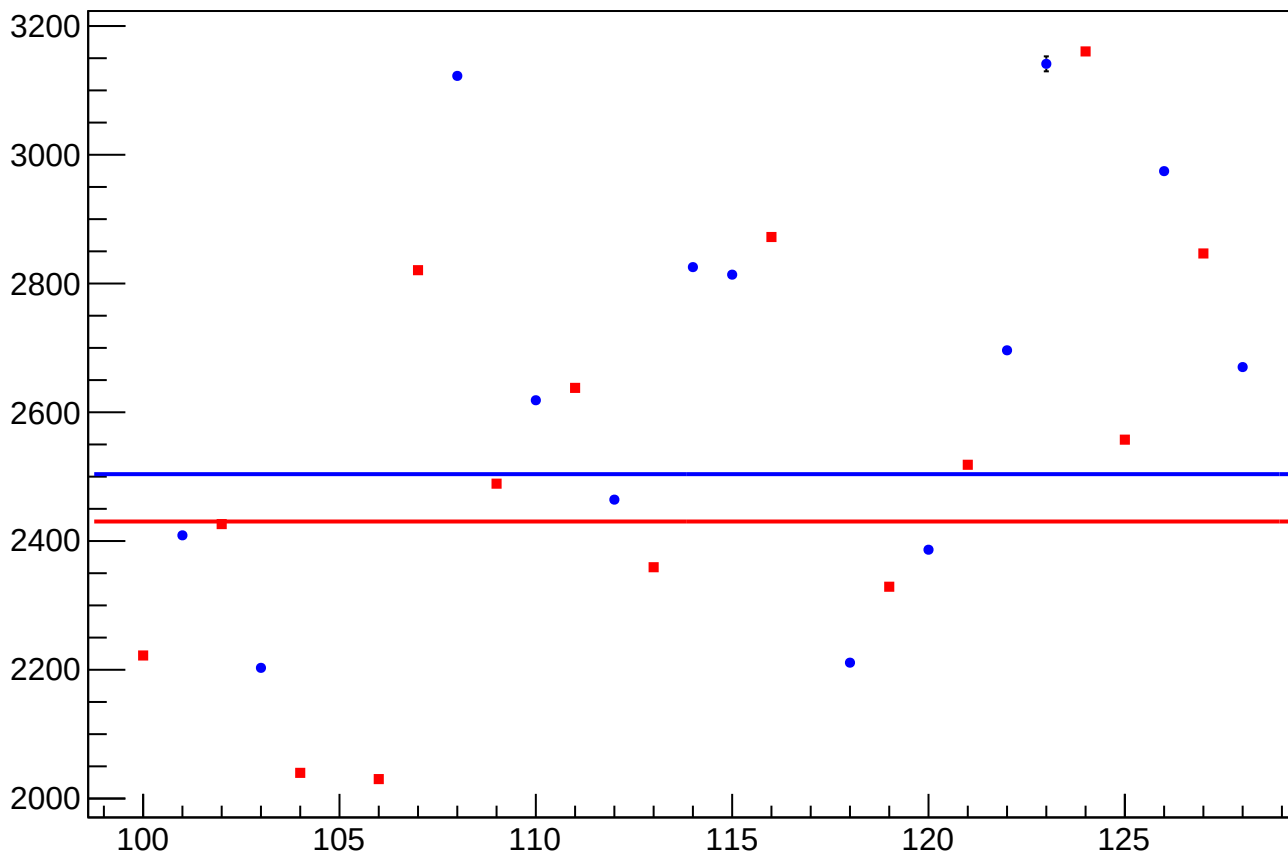
Right: 25.098+/-0.787 χ^2/NDF : 1010.8/26

In: 31.482+/-1.157 χ^2/NDF : 458.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.098+/-0.787 χ^2/NDF : 1010.8/26

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2503.884+/-0.818 χ^2/NDF : 109236.6/12

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

Right Out: 2430.333+/-0.759 χ^2/NDF : 130650.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

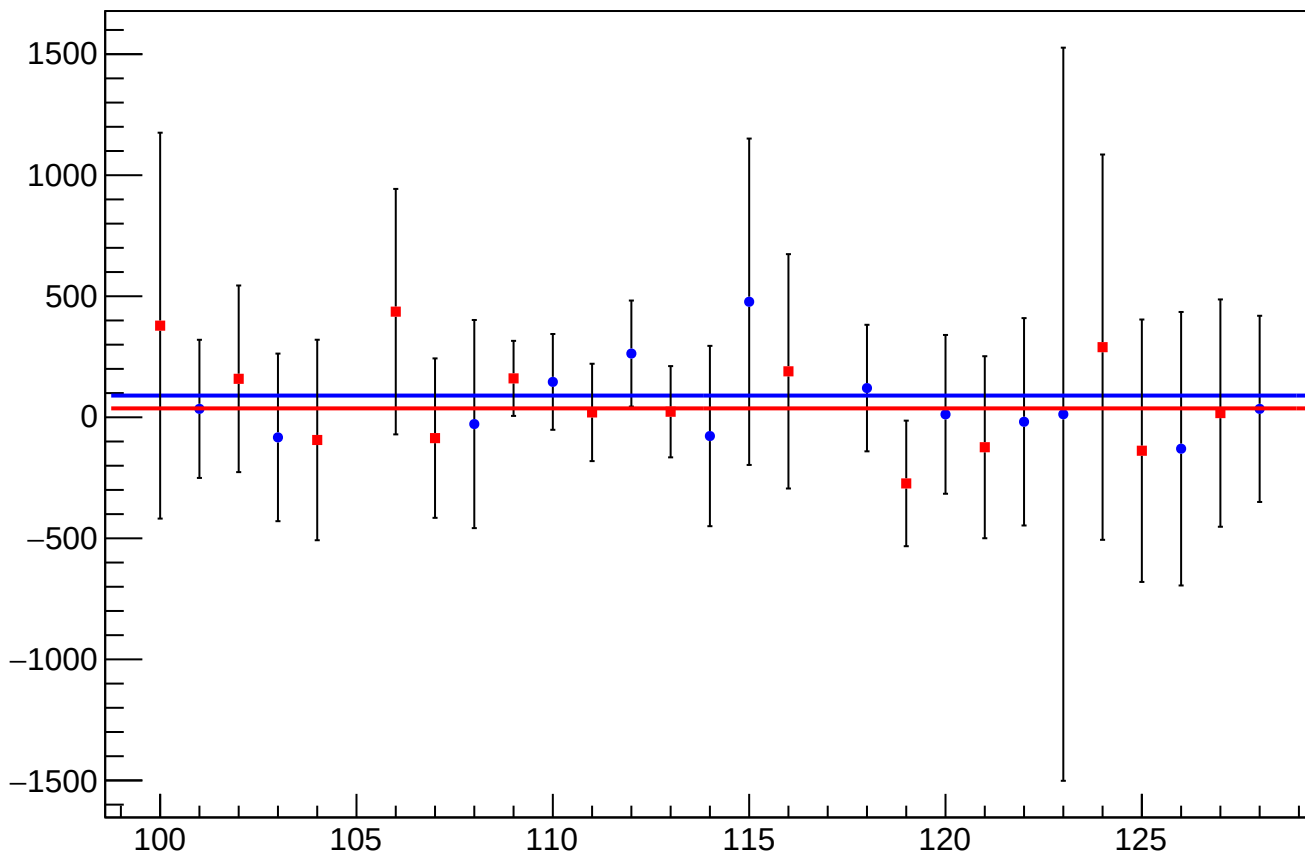
Right: 2464.380+/-0.557 χ^2/NDF : 244229.9/26

In: 2503.884+/-0.818 χ^2/NDF : 109236.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2464.380+/-0.557 χ^2/NDF : 244229.9/26

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 89.764+/-90.699 χ^2/NDF : 1.9/12

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

Right Out: 36.809+/-79.688 χ^2/NDF : 3.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

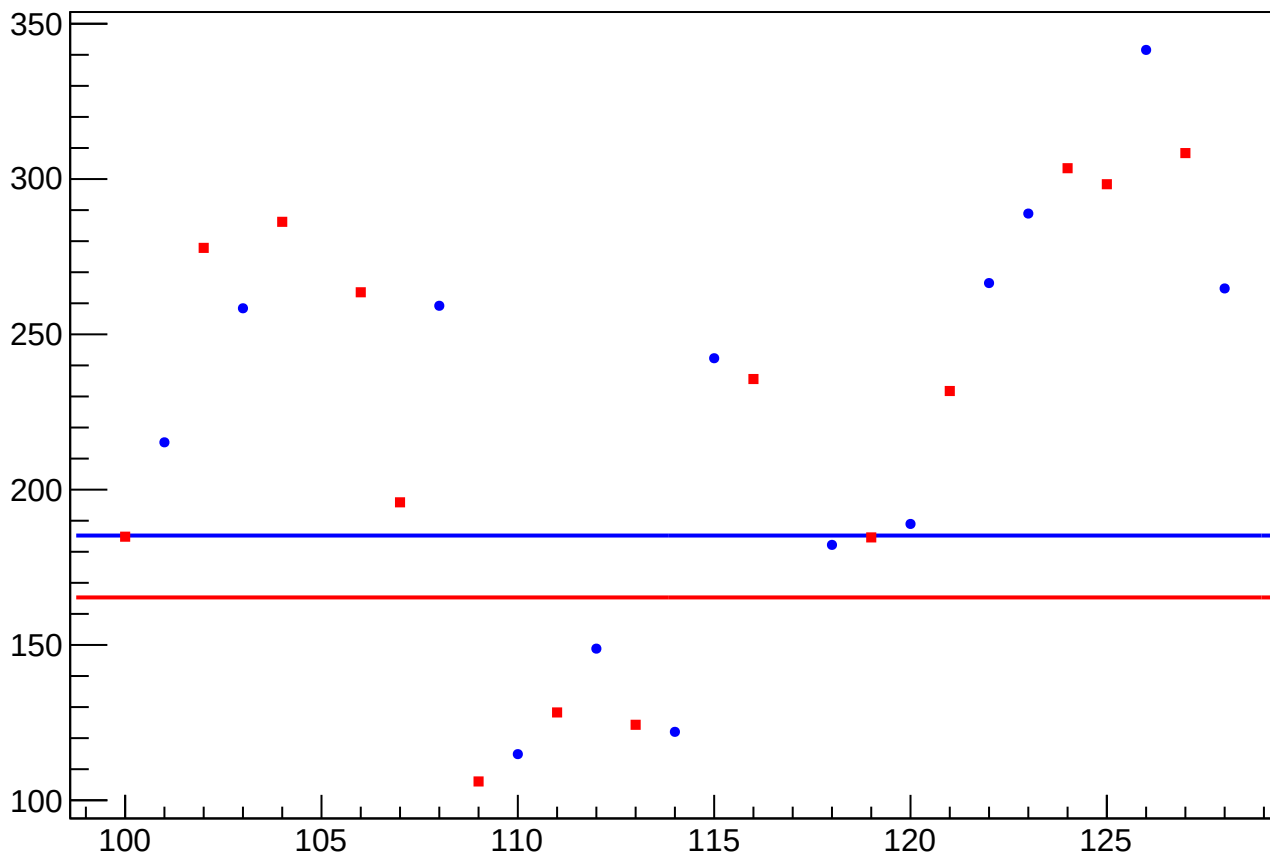
Right: 59.879+/-59.865 χ^2/NDF : 5.8/26

In: 89.764+/-90.699 χ^2/NDF : 1.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.879+/-59.865 χ^2/NDF : 5.8/26

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 185.226+/-0.064 χ^2/NDF : 871703.1/12

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

Right Out: 165.300+/-0.056 χ^2/NDF : 1371560.6/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

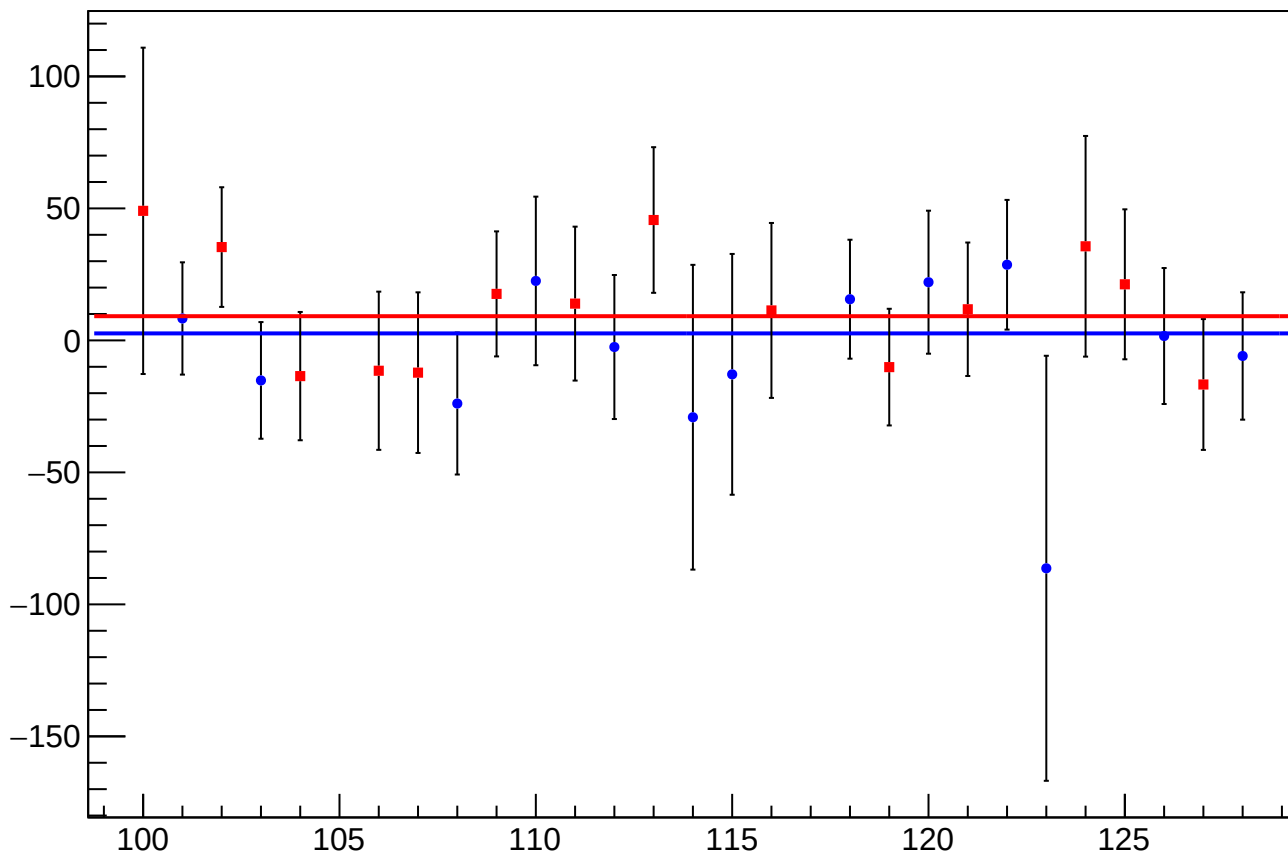
Right: 173.980+/-0.042 χ^2/NDF : 2297740.6/26

In: 185.226+/-0.064 χ^2/NDF :871703.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 173.980+/-0.042 χ^2/NDF : 2297740.6/26

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 2.649+/-7.643 χ^2/NDF : 5.9/12

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

Right Out: 9.166+/-7.386 χ^2/NDF : 7.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

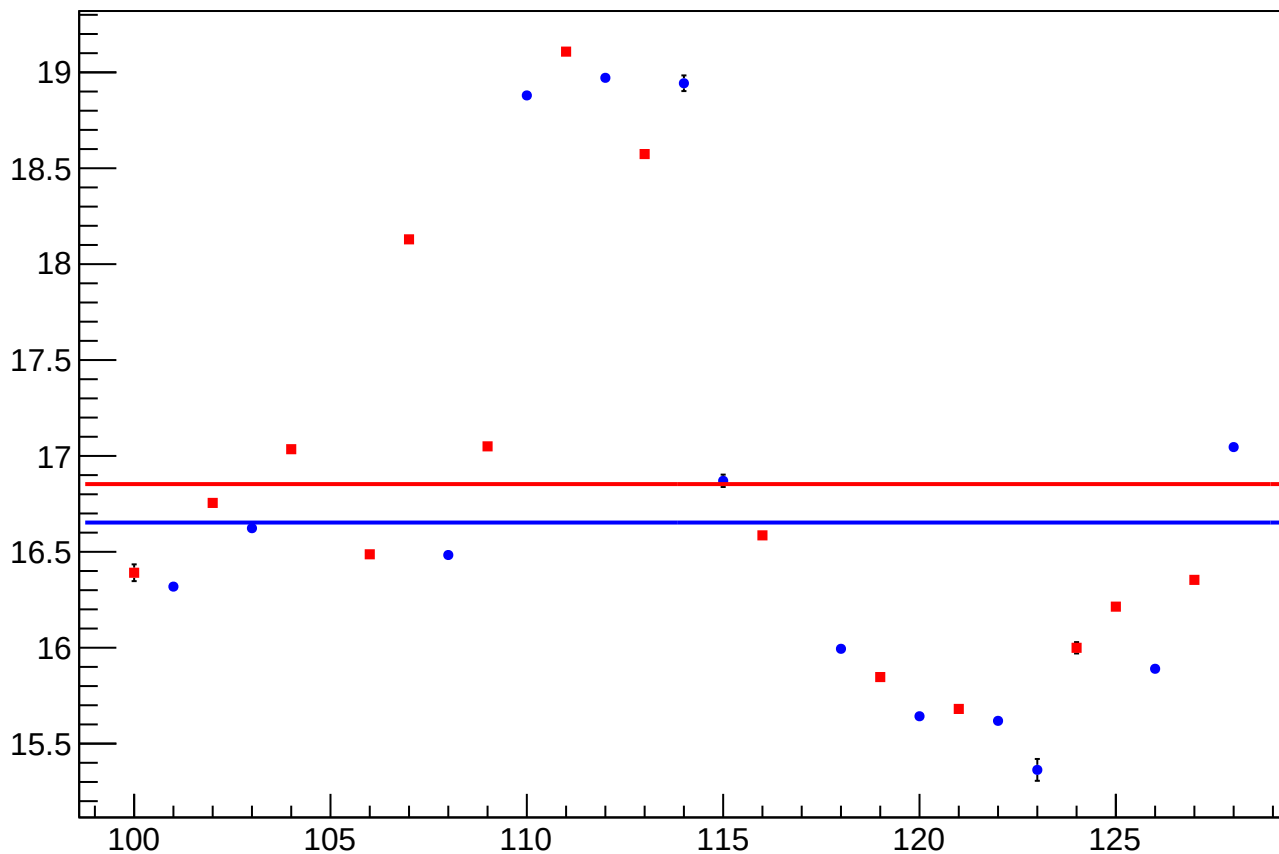
Right: 6.019+/-5.311 χ^2/NDF : 14.2/26

In: 2.649+/-7.643 χ^2/NDF : 5.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.019+/-5.311 χ^2/NDF : 14.2/26

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.653+/-0.005 χ^2/NDF : 38779.2/12

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

Right Out: 16.853+/-0.005 χ^2/NDF : 35199.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

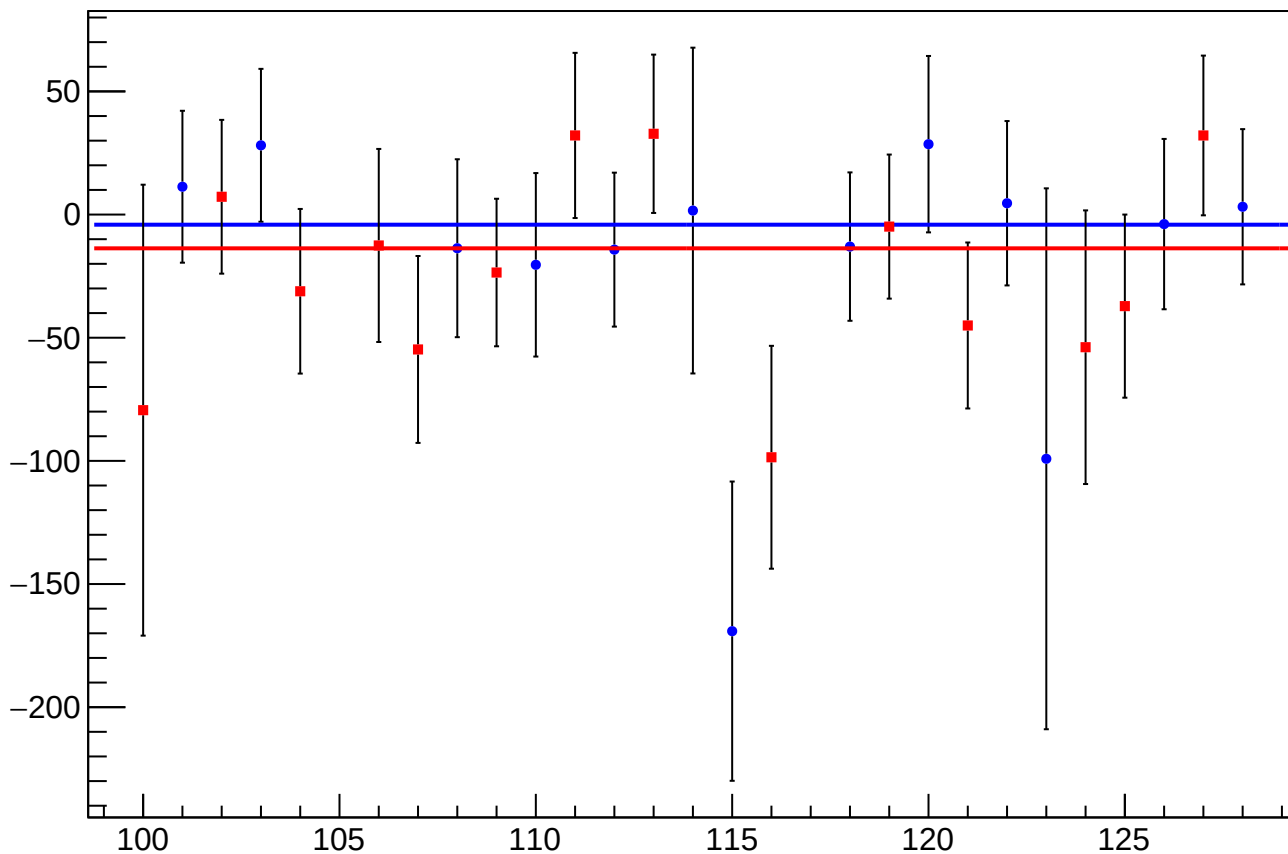
Right: 16.756+/-0.004 χ^2/NDF : 74690.3/26

In: 16.653+/-0.005 χ^2/NDF : 38779.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.756+/-0.004 χ^2/NDF : 74690.3/26

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.113 ± 10.098 χ^2/NDF : 10.9/12

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

Right Out: -13.711 ± 9.580 χ^2/NDF : 13.9/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

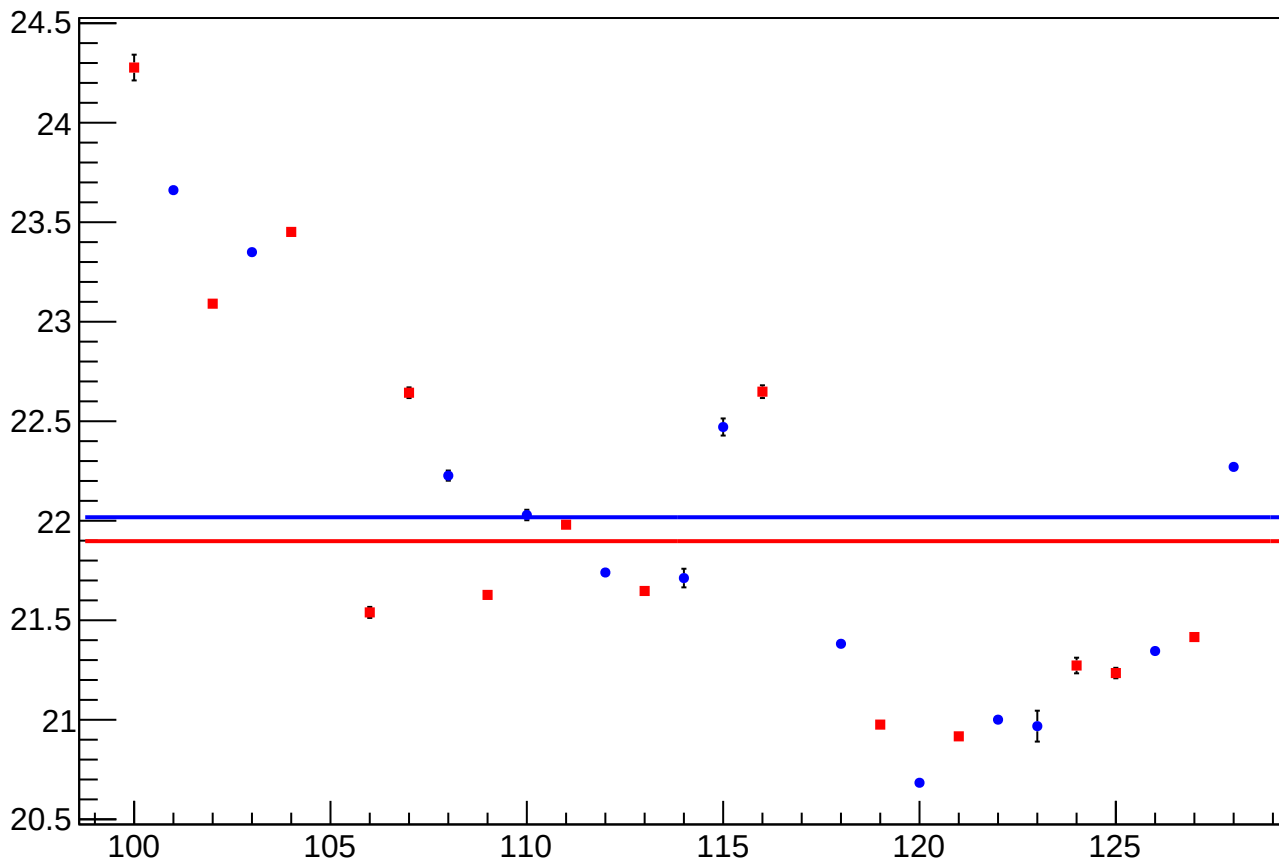
Right: -9.165 ± 6.950 χ^2/NDF : 25.2/26

In: -4.113 ± 10.098 χ^2/NDF : 10.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.165 ± 6.950 χ^2/NDF : 25.2/26

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.018+/-0.007 χ^2/NDF : 16338.5/12

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

Right Out: 21.898+/-0.007 χ^2/NDF : 15395.3/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

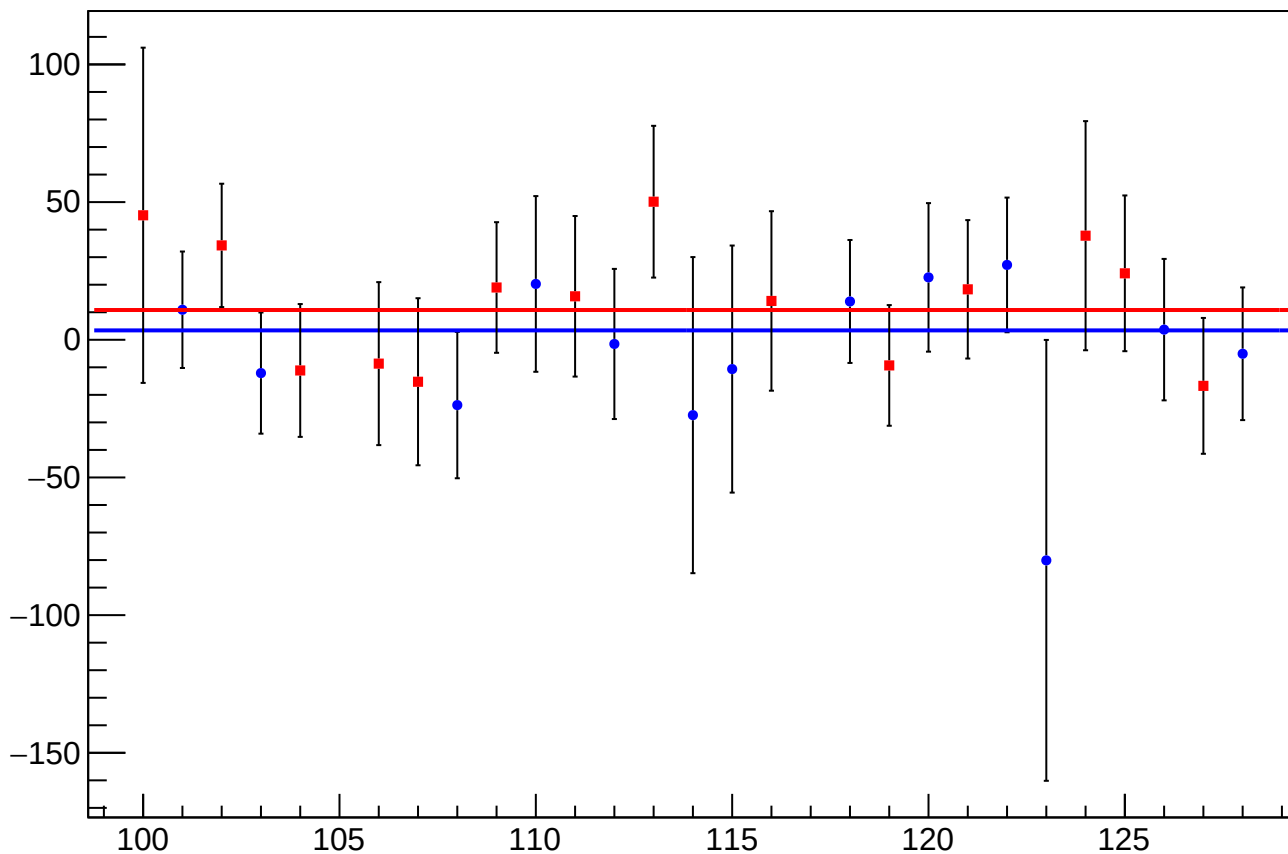
Right: 21.954+/-0.005 χ^2/NDF : 31882.8/26

In: 22.018+/-0.007 χ^2/NDF :16338.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 21.954+/-0.005 χ^2/NDF : 31882.8/26

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.410+/-7.604 χ^2/NDF : 5.3/12

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

Right Out: 10.811+/-7.341 χ^2/NDF : 8.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

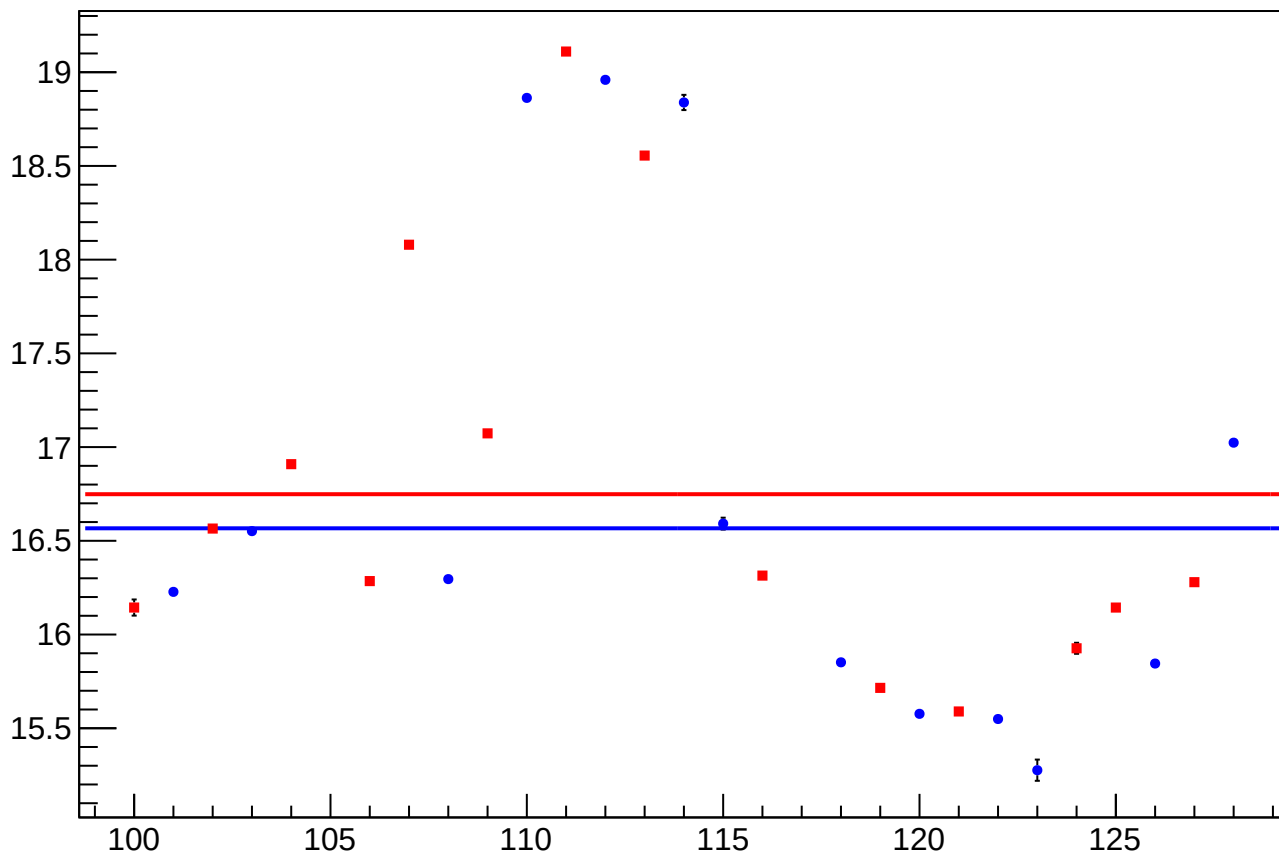
Right: 7.241+/-5.281 χ^2/NDF : 14.2/26

In: 3.410+/-7.604 χ^2/NDF : 5.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.241+/-5.281 χ^2/NDF : 14.2/26

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.567+/-0.005 χ^2/NDF : 40645.7/12

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

Right Out: 16.749+/-0.005 χ^2/NDF : 38325.3/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

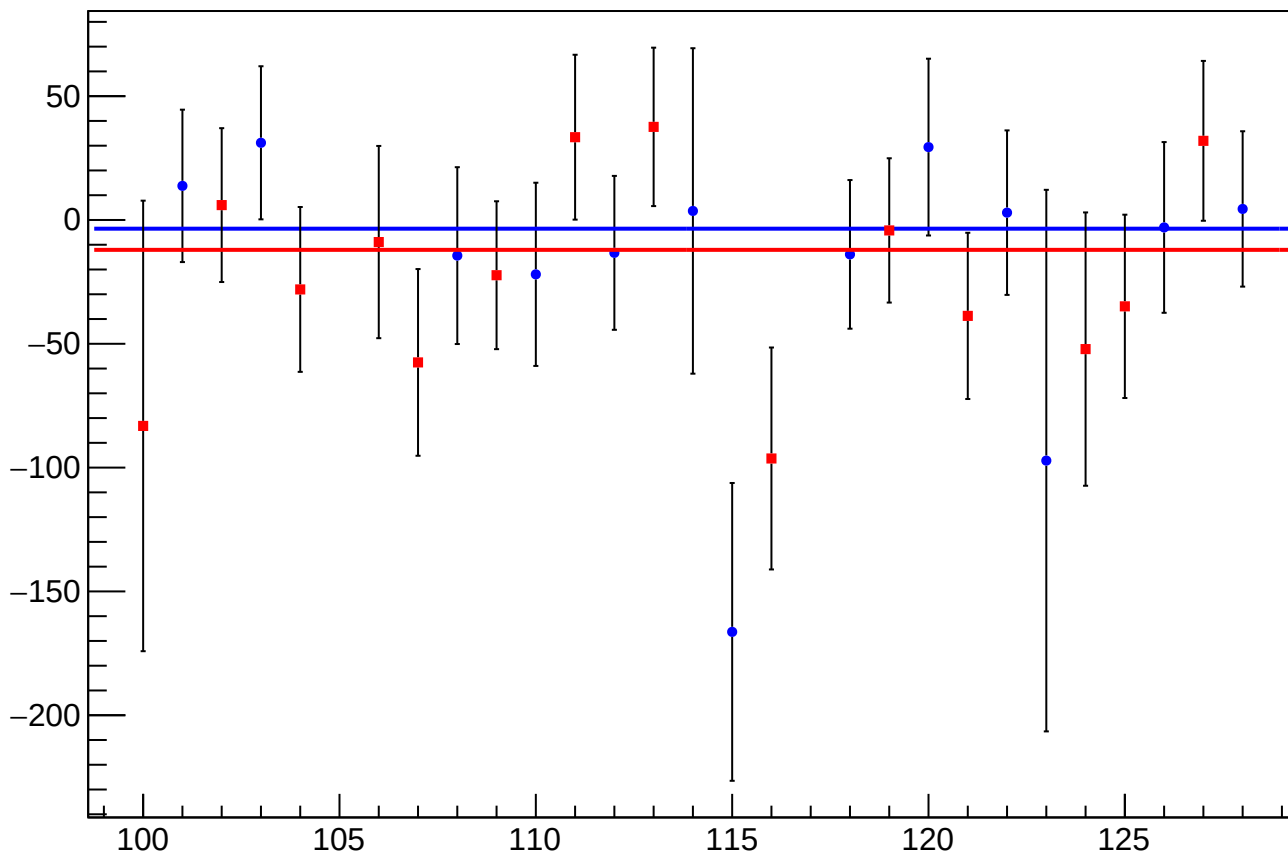
Right: 16.661+/-0.004 χ^2/NDF : 79563.8/26

In: 16.567+/-0.005 χ^2/NDF :40645.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 16.661+/-0.004 χ^2/NDF : 79563.8/26

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -3.517+/-10.049 χ^2/NDF : 11.2/12

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

Right Out: -12.065+/-9.531 χ^2/NDF : 14.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

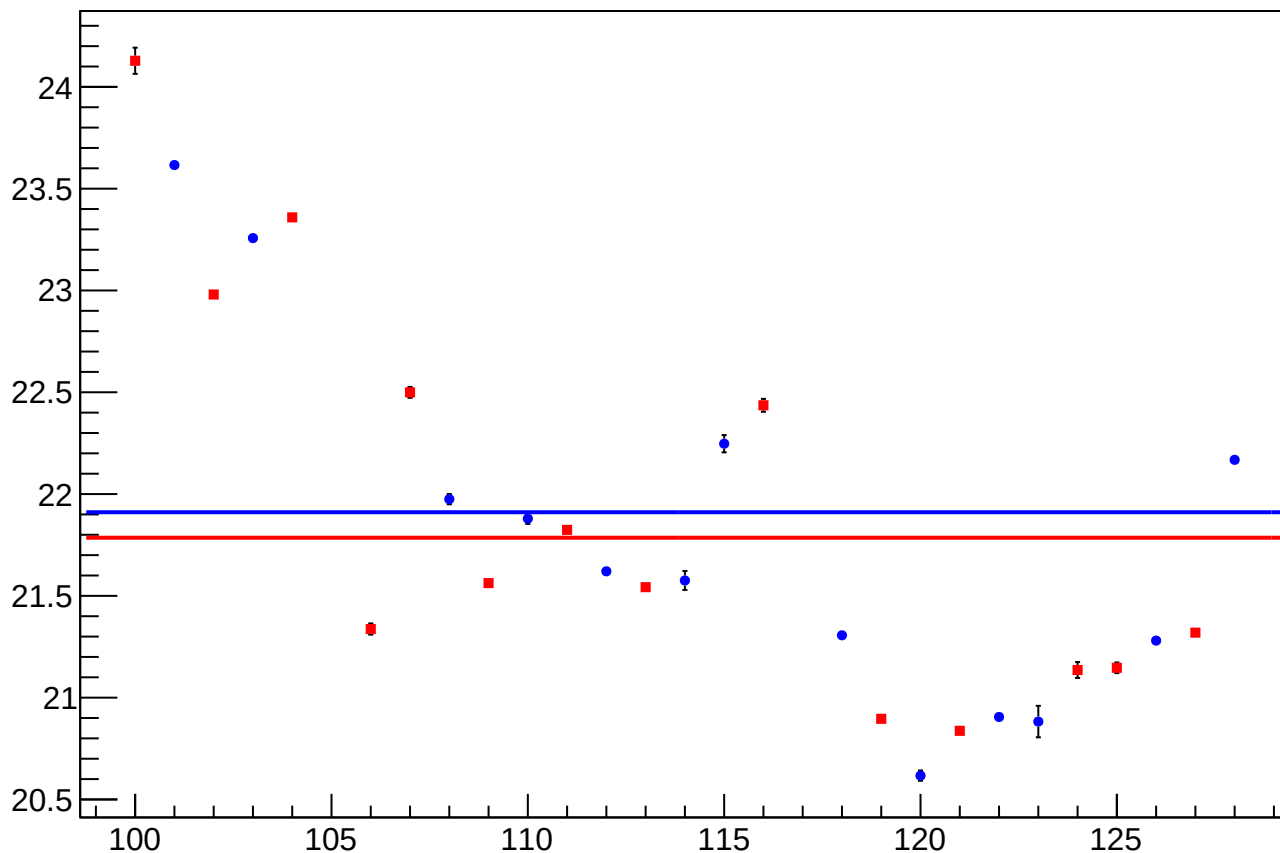
Right: -8.017+/-6.915 χ^2/NDF : 25.6/26

In: -3.517+/-10.049 χ^2/NDF : 11.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.017+/-6.915 χ^2/NDF : 25.6/26

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 21.911+/-0.007 χ^2/NDF : 16485.4/12

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

Right Out: 21.786+/-0.007 χ^2/NDF : 15138.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

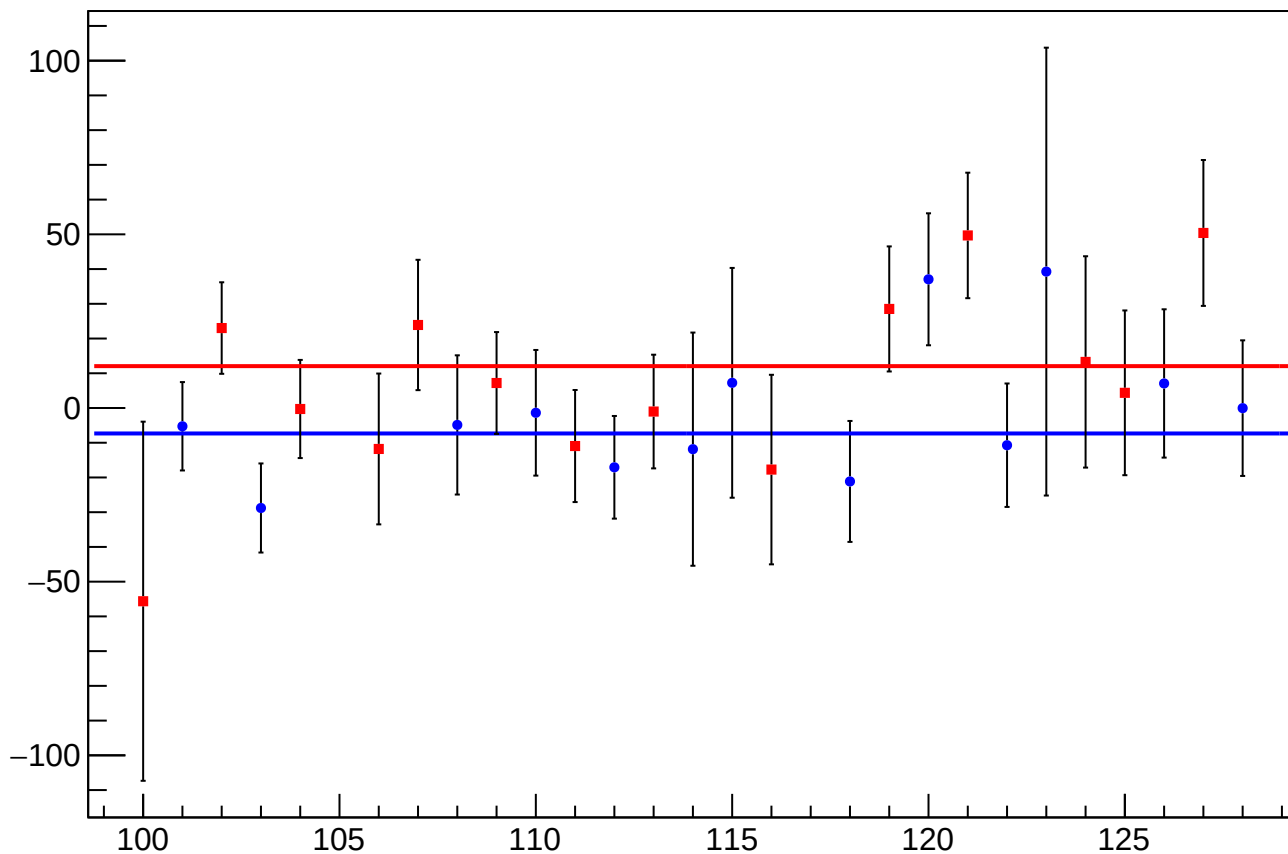
Right: 21.845+/-0.005 χ^2/NDF : 31787.1/26

In: 21.911+/-0.007 χ^2/NDF : 16485.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.845+/-0.005 χ^2/NDF : 31787.1/26

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.332+/-5.098 χ^2/NDF : 10.8/12

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

Right Out: 12.054+/-4.942 χ^2/NDF : 17.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

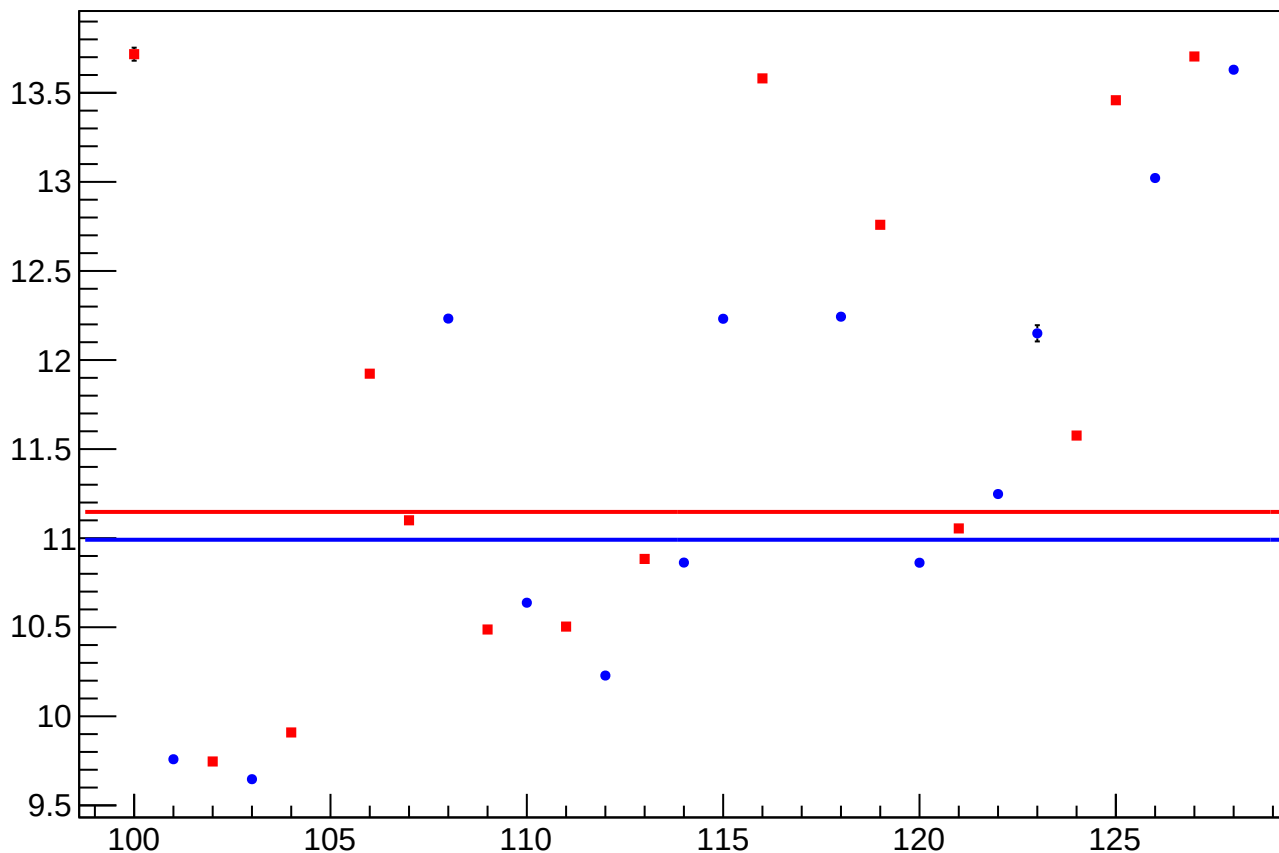
Right: 2.663+/-3.548 χ^2/NDF : 35.7/26

In: -7.332+/-5.098 χ^2/NDF : 10.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.663+/-3.548 χ^2/NDF : 35.7/26

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.991+/-0.004 χ^2/NDF : 123465.4/12

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

Right Out: 11.147+/-0.003 χ^2/NDF : 134248.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

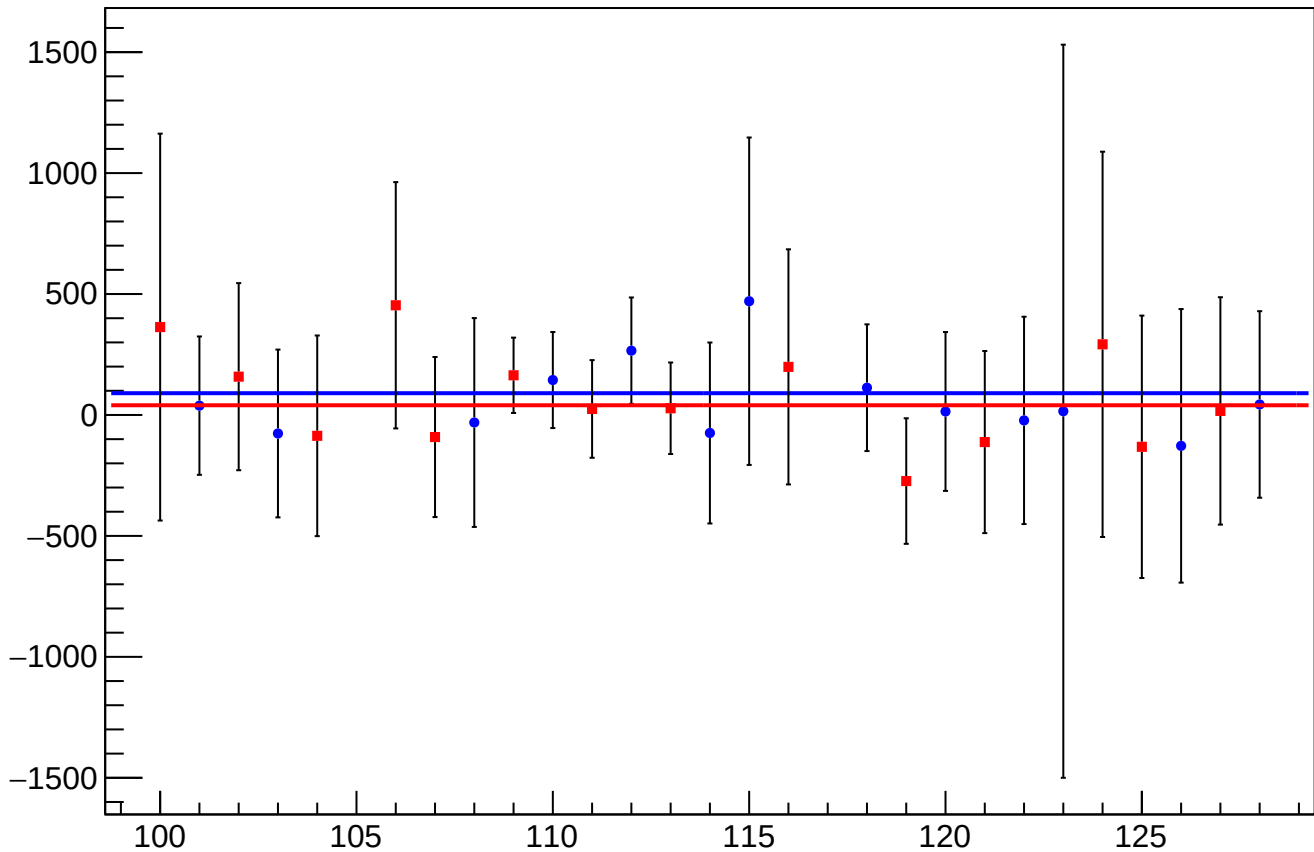
Right: 11.072+/-0.003 χ^2/NDF : 258682.6/26

In: 10.991+/-0.004 χ^2/NDF : 123465.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.072+/-0.003 χ^2/NDF : 258682.6/26

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: 90.037+/-90.959 χ^2/NDF : 1.9/12

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

Right Out: 40.146+/-79.960 χ^2/NDF : 3.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

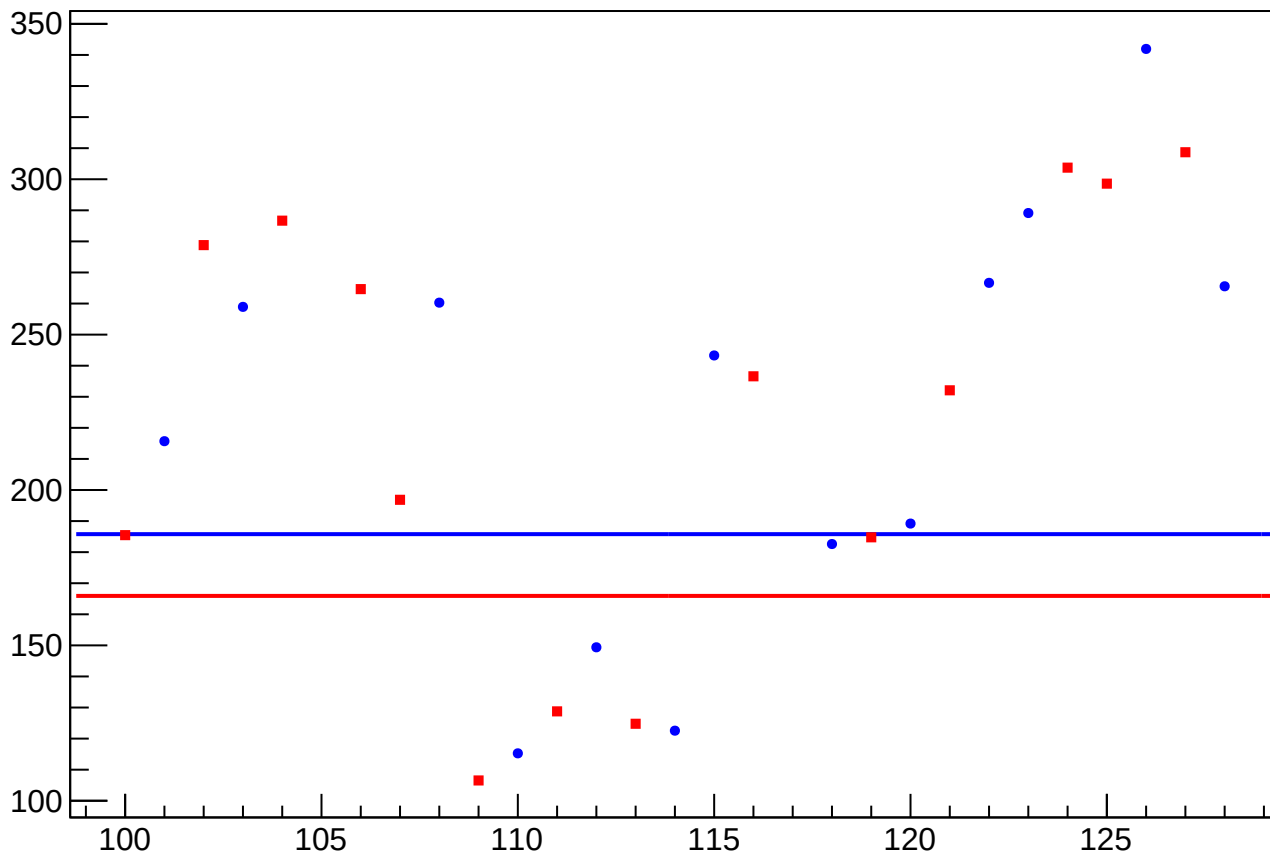
Right: 61.894+/-60.055 χ^2/NDF : 5.8/26

In: 90.037+/-90.959 χ^2/NDF : 1.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.894+/-60.055 χ^2/NDF : 5.8/26

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 185.794+/-0.064 χ^2/NDF : 868273.9/12

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

Right Out: 165.921+/-0.057 χ^2/NDF : 1365619.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

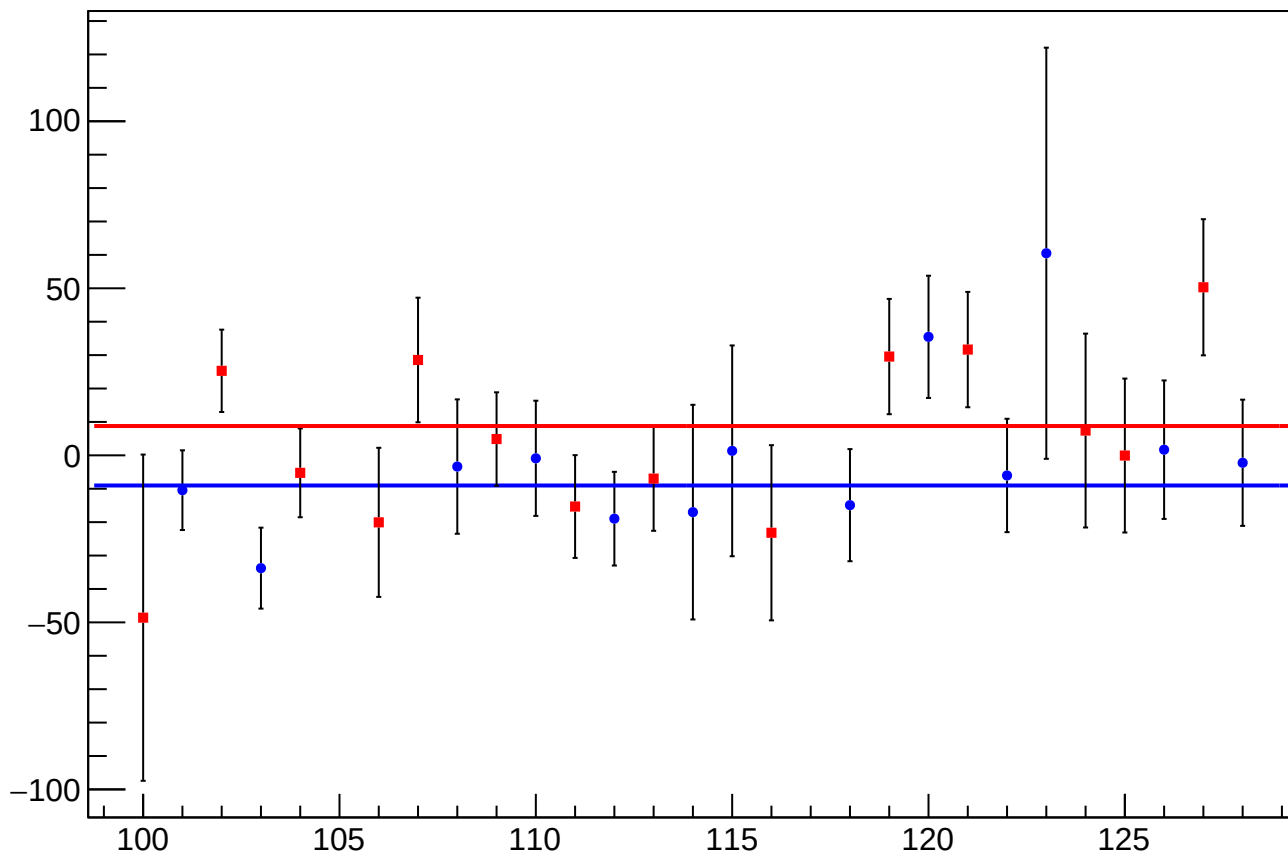
Right: 174.584+/-0.042 χ^2/NDF : 2287747.2/26

In: 185.794+/-0.064 χ^2/NDF : 868273.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.584+/-0.042 χ^2/NDF : 2287747.2/26

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -9.026+/-4.871 χ^2/NDF : 12.9/12

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

Right Out: 8.773+/-4.734 χ^2/NDF : 19.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

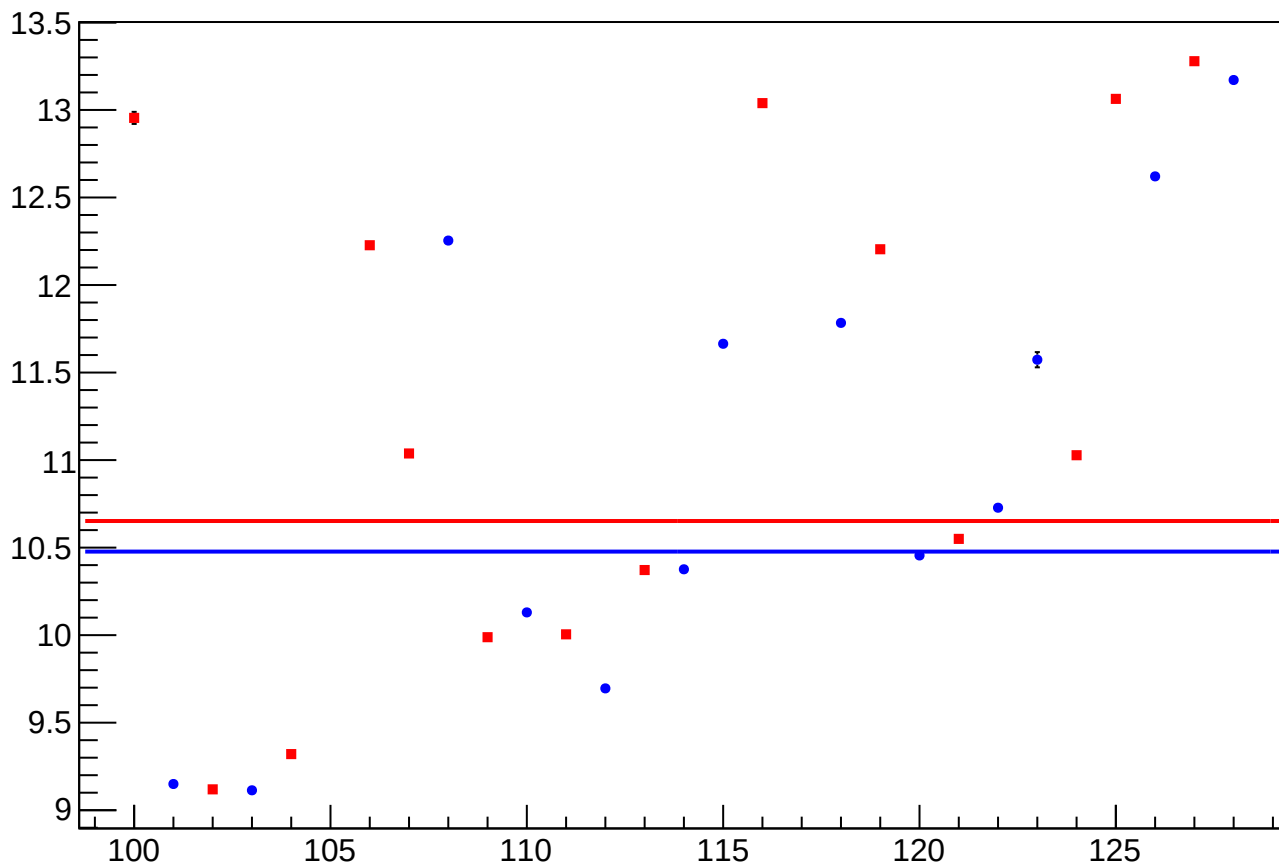
Right: 0.128+/-3.395 χ^2/NDF : 39.4/26

In: -9.026+/-4.871 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.128+/-3.395 χ^2/NDF : 39.4/26

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.477+/-0.003 χ^2/NDF : 150845.2/12

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

Right Out: 10.652+/-0.003 χ^2/NDF : 163267.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

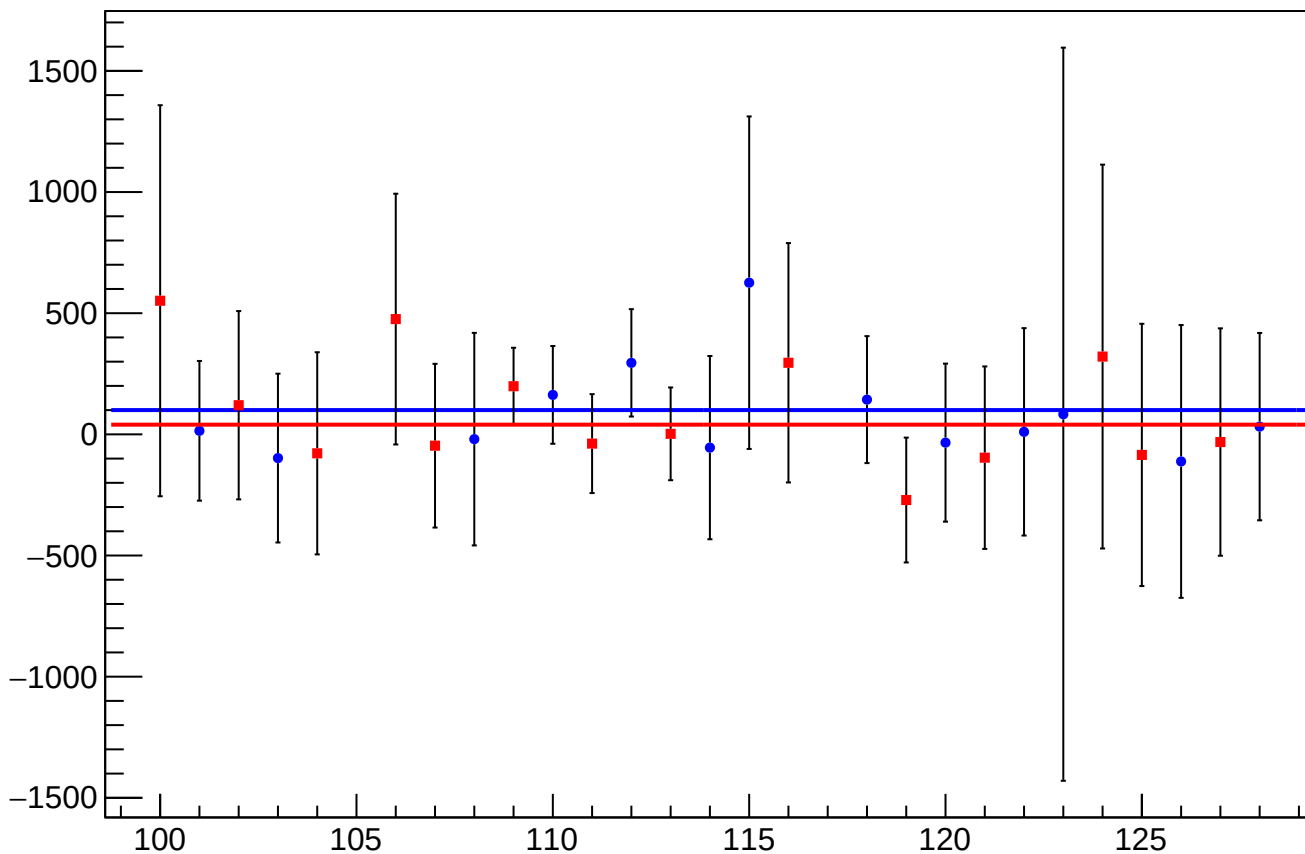
Right: 10.567+/-0.002 χ^2/NDF : 315435.5/26

In: 10.477+/-0.003 χ^2/NDF : 150845.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.567+/-0.002 χ^2/NDF : 315435.5/26

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 100.182+/-91.571 χ^2/NDF : 2.5/12

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

Right Out: 39.987+/-80.788 χ^2/NDF : 4.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

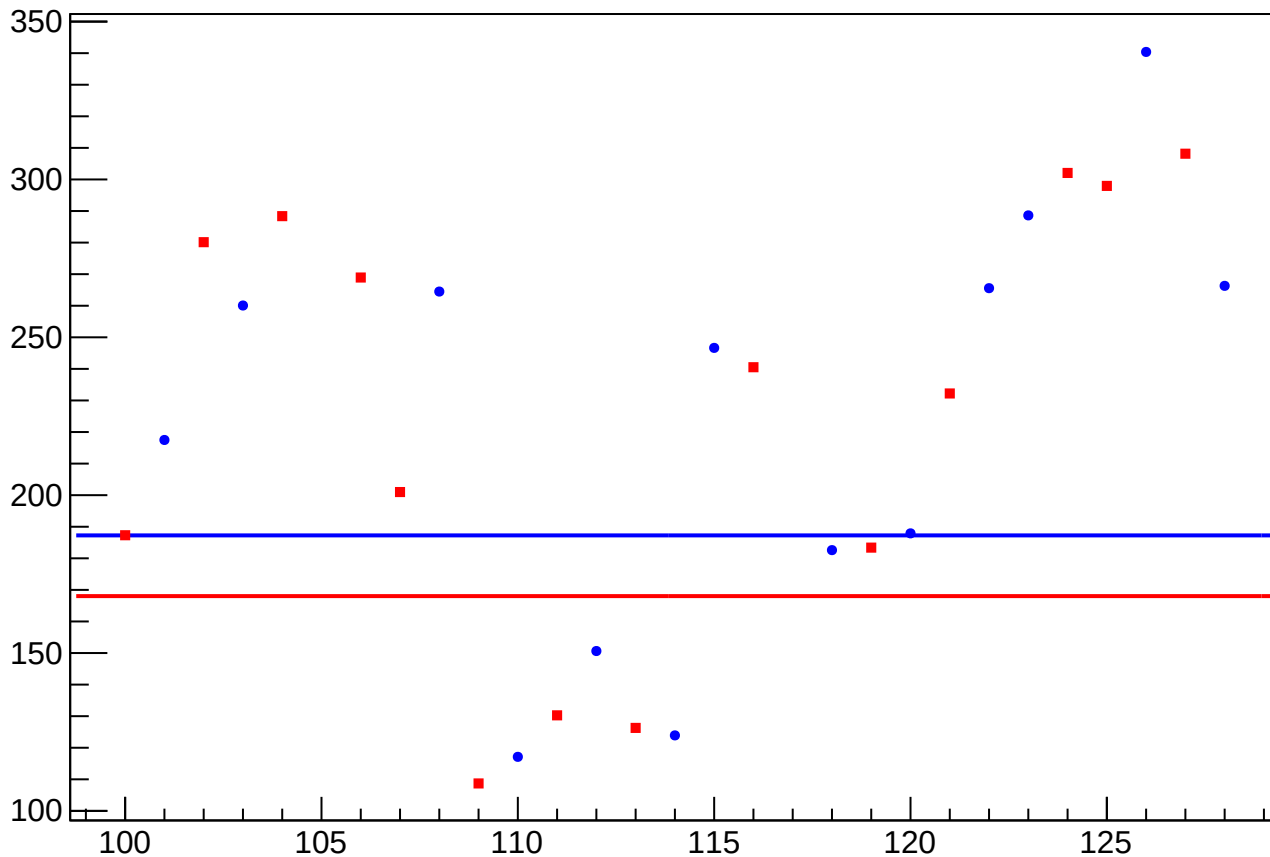
Right: 66.333+/-60.581 χ^2/NDF : 7.3/26

In: 100.182+/-91.571 χ^2/NDF : 2.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.333+/-60.581 χ^2/NDF : 7.3/26

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 187.261+/-0.065 χ^2/NDF : 847225.0/12

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

Right Out: 168.031+/-0.057 χ^2/NDF : 1331810.3/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

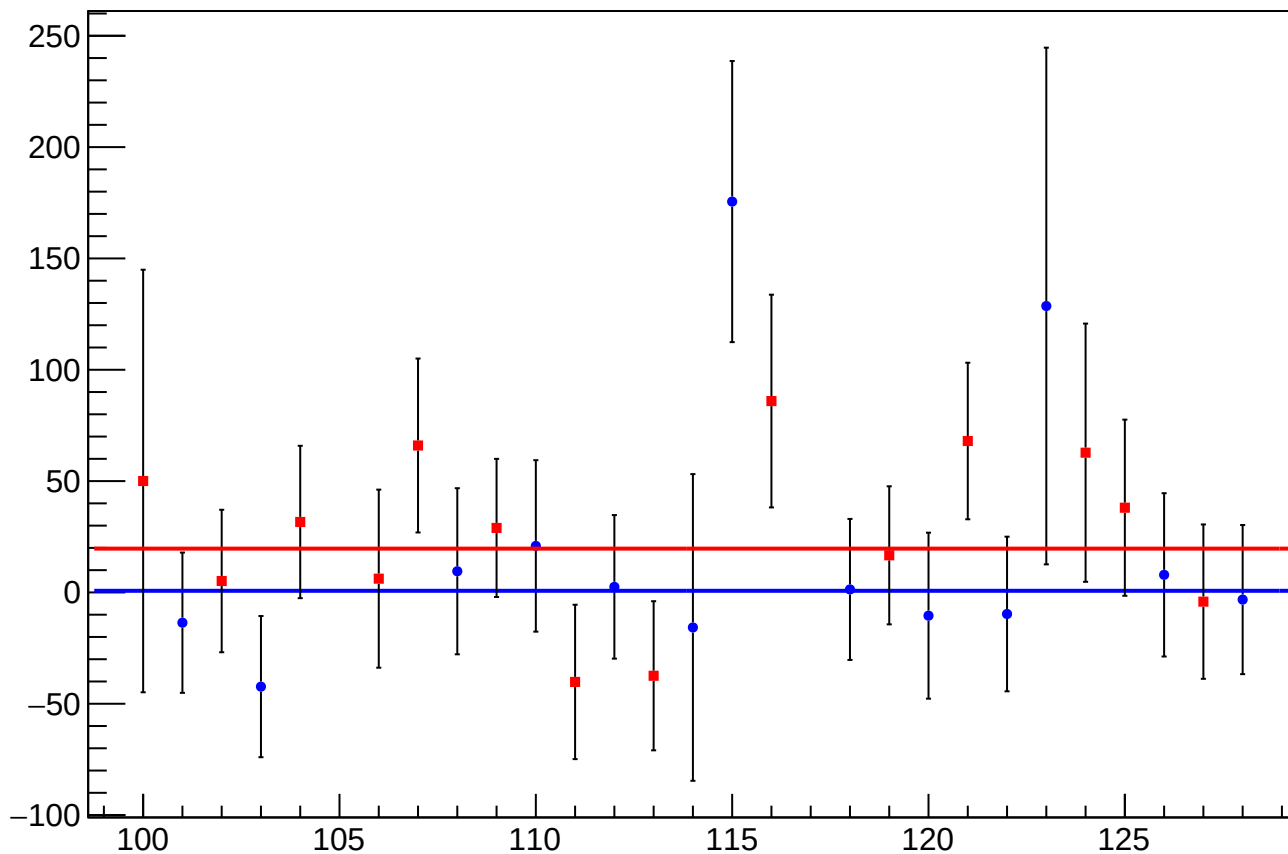
Right: 176.448+/-0.043 χ^2/NDF : 2228635.5/26

In: 187.261+/-0.065 χ^2/NDF :847225.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 176.448+/-0.043 χ^2/NDF : 2228635.5/26

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.729+/-10.497 χ^2 /NDF: 11.6/12

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

Right Out: 19.670+/-9.979 χ^2 /NDF: 13.0/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

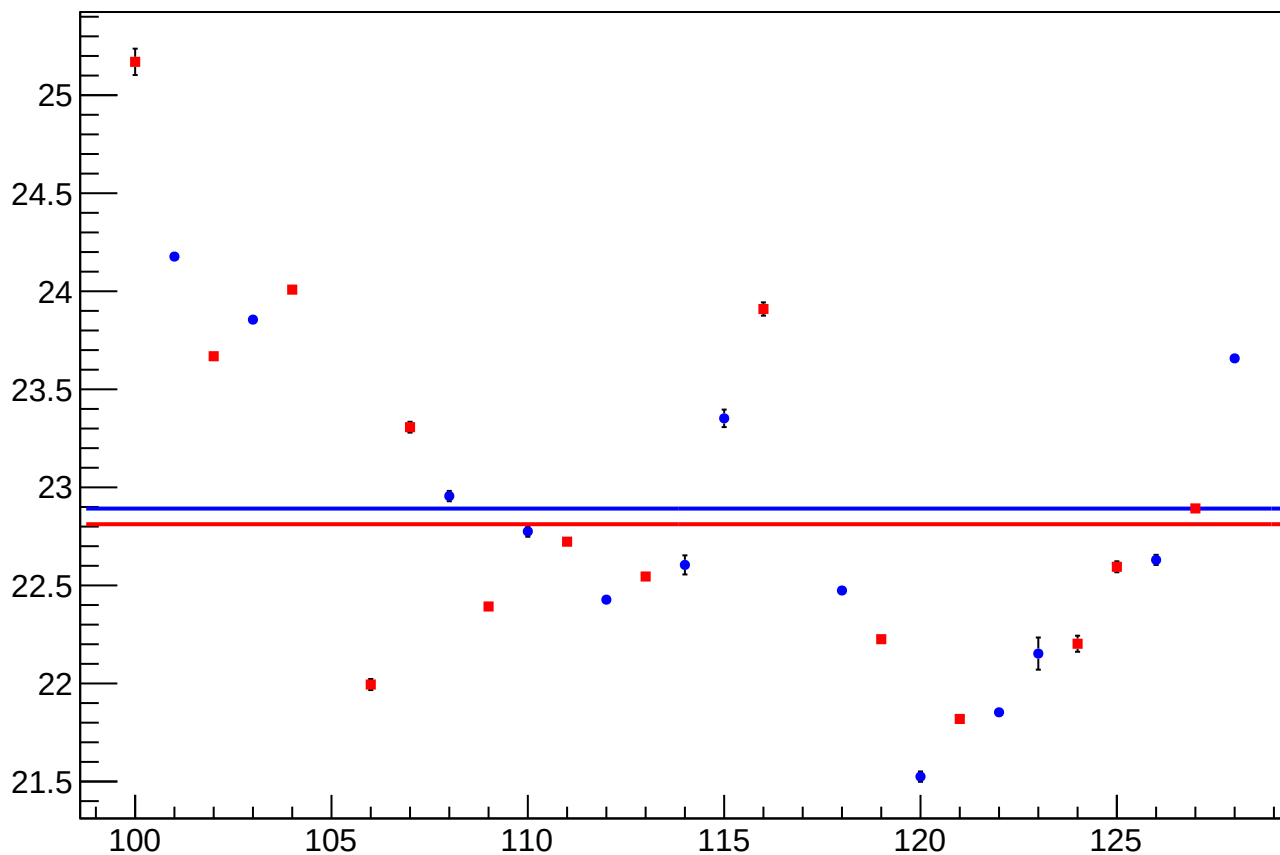
Right: 10.679+/-7.232 χ^2 /NDF: 26.3/26

In: 0.729+/-10.497 χ^2 /NDF:11.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 10.679+/-7.232 χ^2 /NDF: 26.3/26

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.892+/-0.007 χ^2/NDF : 11812.6/12

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

Right Out: 22.812+/-0.007 χ^2/NDF : 10435.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

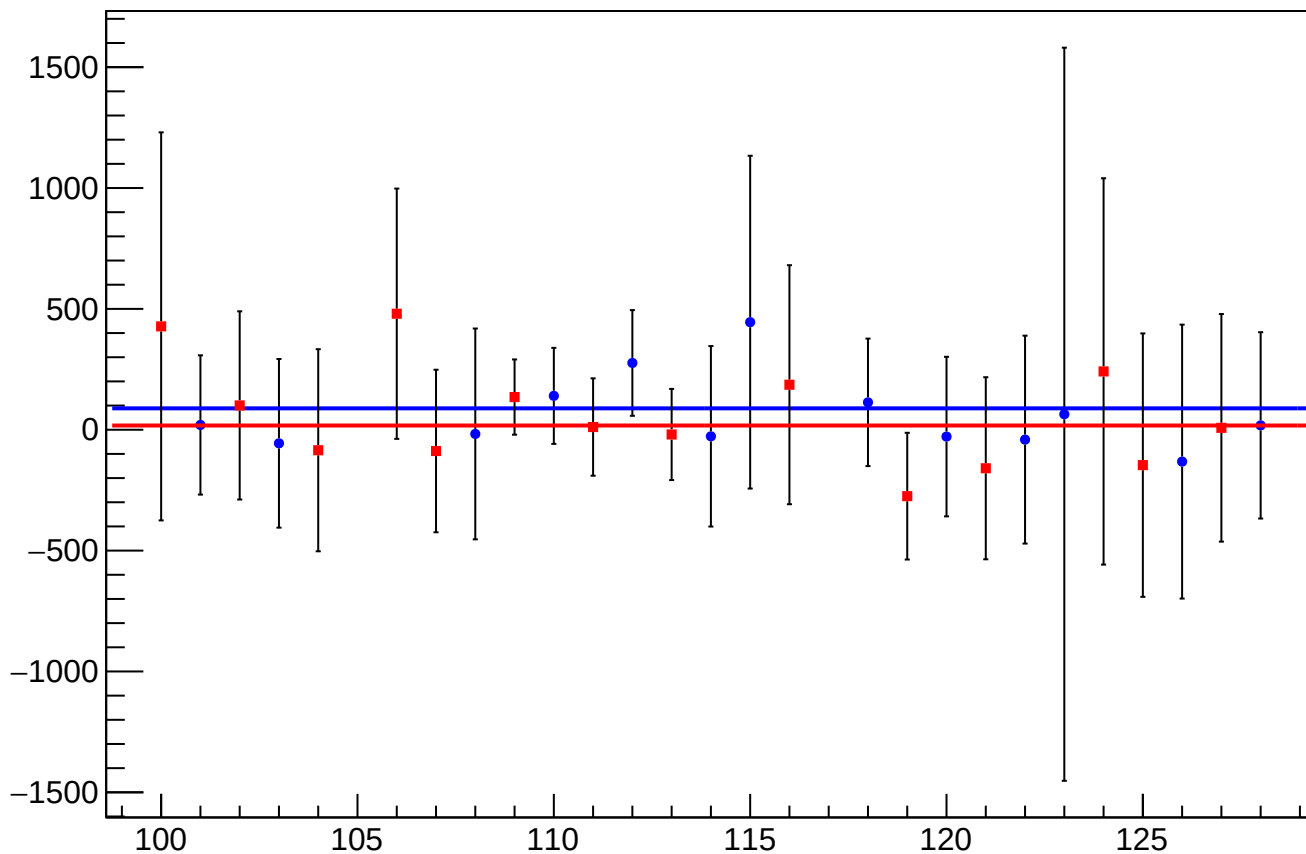
Right: 22.850+/-0.005 χ^2/NDF : 22308.3/26

In: 22.892+/-0.007 χ^2/NDF : 11812.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.850+/-0.005 χ^2/NDF : 22308.3/26

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 88.538+/-91.168 χ^2/NDF : 1.9/12

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

Right Out: 17.506+/-80.161 χ^2/NDF : 3.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

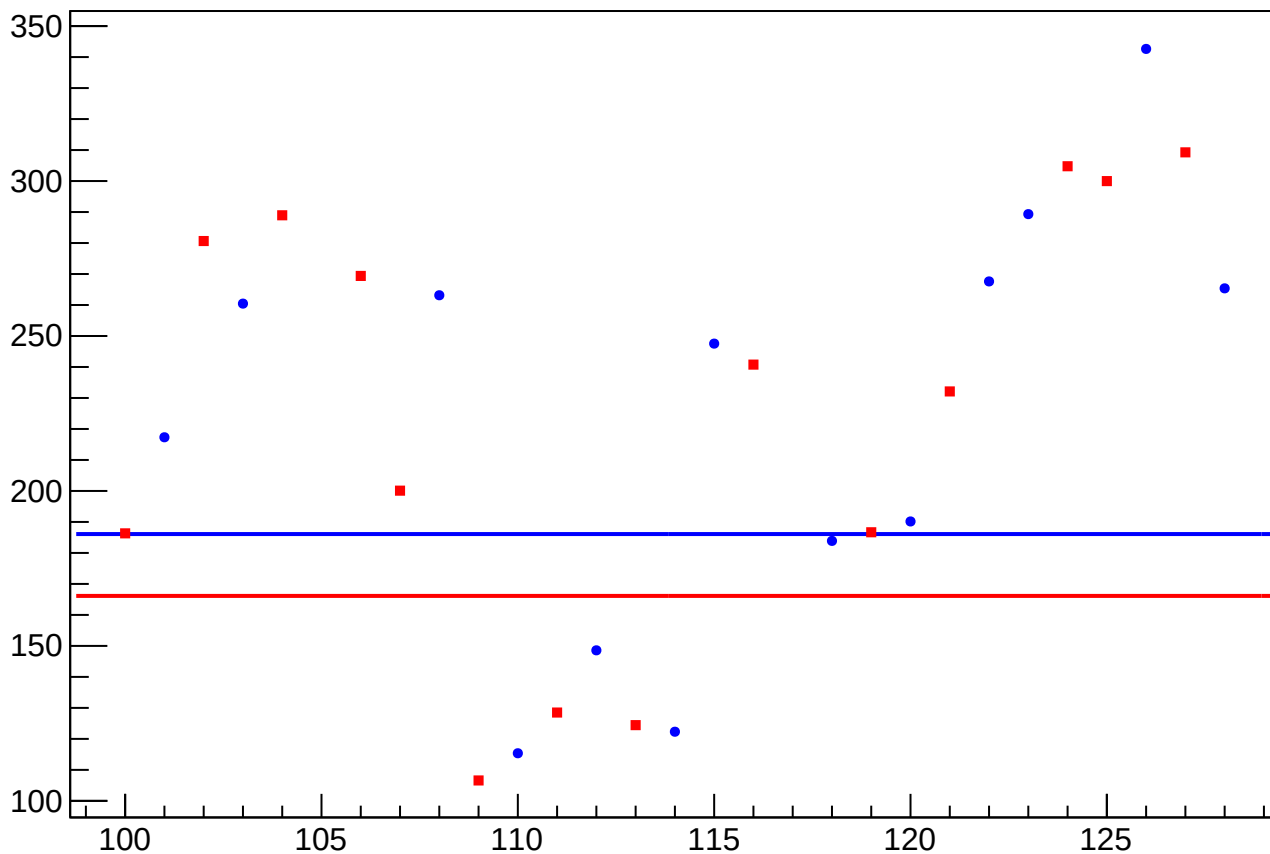
Right: 48.477+/-60.200 χ^2/NDF : 5.8/26

In: 88.538+/-91.168 χ^2/NDF : 1.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.477+/-60.200 χ^2/NDF : 5.8/26

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 186.092+/-0.064 χ^2/NDF : 882330.1/12

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

Right Out: 166.135+/-0.057 χ^2/NDF : 1392004.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

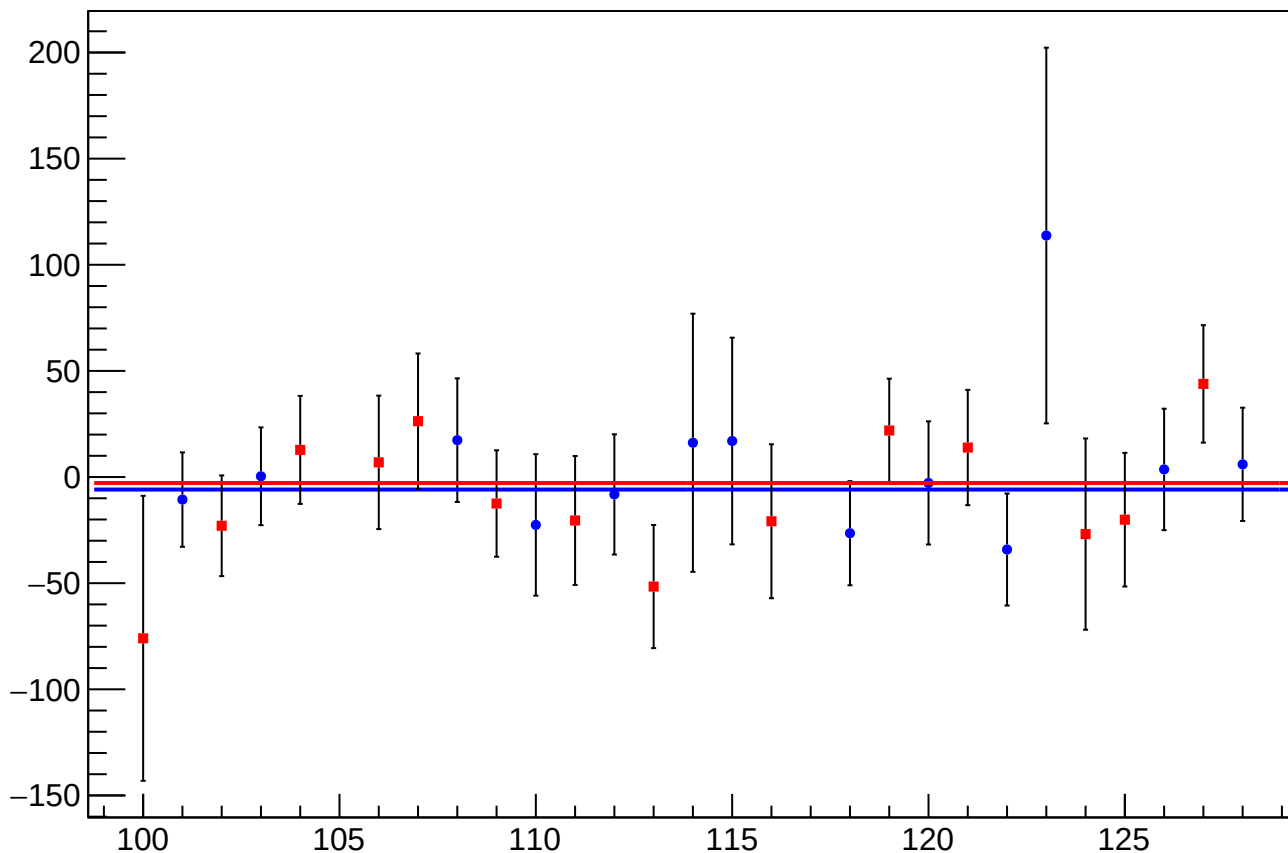
Right: 174.837+/-0.043 χ^2/NDF : 2328383.7/26

In: 186.092+/-0.064 χ^2/NDF : 882330.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.837+/-0.043 χ^2/NDF : 2328383.7/26

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.894+/-8.174 χ^2/NDF : 5.4/12

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

Right Out: -2.799+/-7.905 χ^2/NDF : 11.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

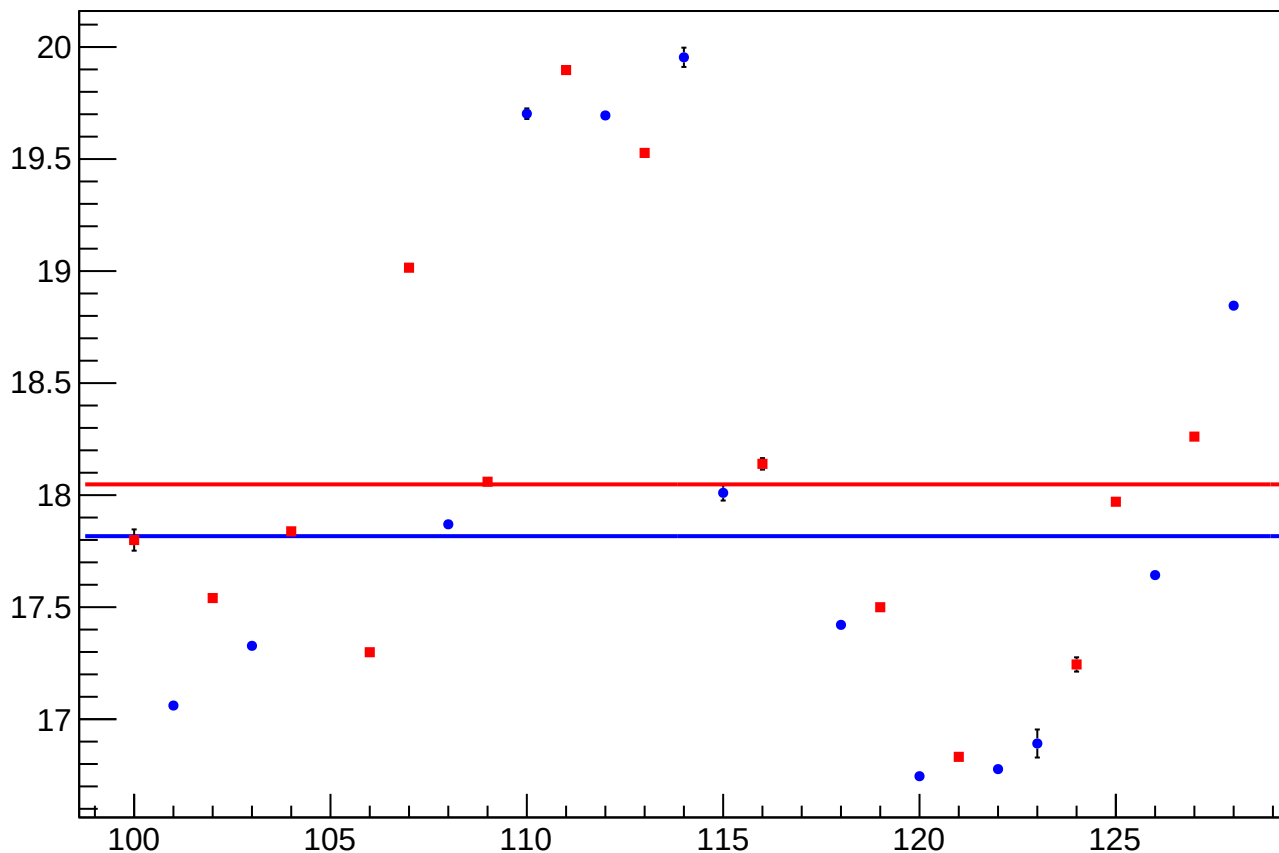
Right: -4.294+/-5.683 χ^2/NDF : 17.0/26

In: -5.894+/-8.174 χ^2/NDF : 5.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.294+/-5.683 χ^2/NDF : 17.0/26

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.817+/-0.006 χ^2/NDF : 30535.0/12

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

Right Out: 18.048+/-0.006 χ^2/NDF : 22468.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

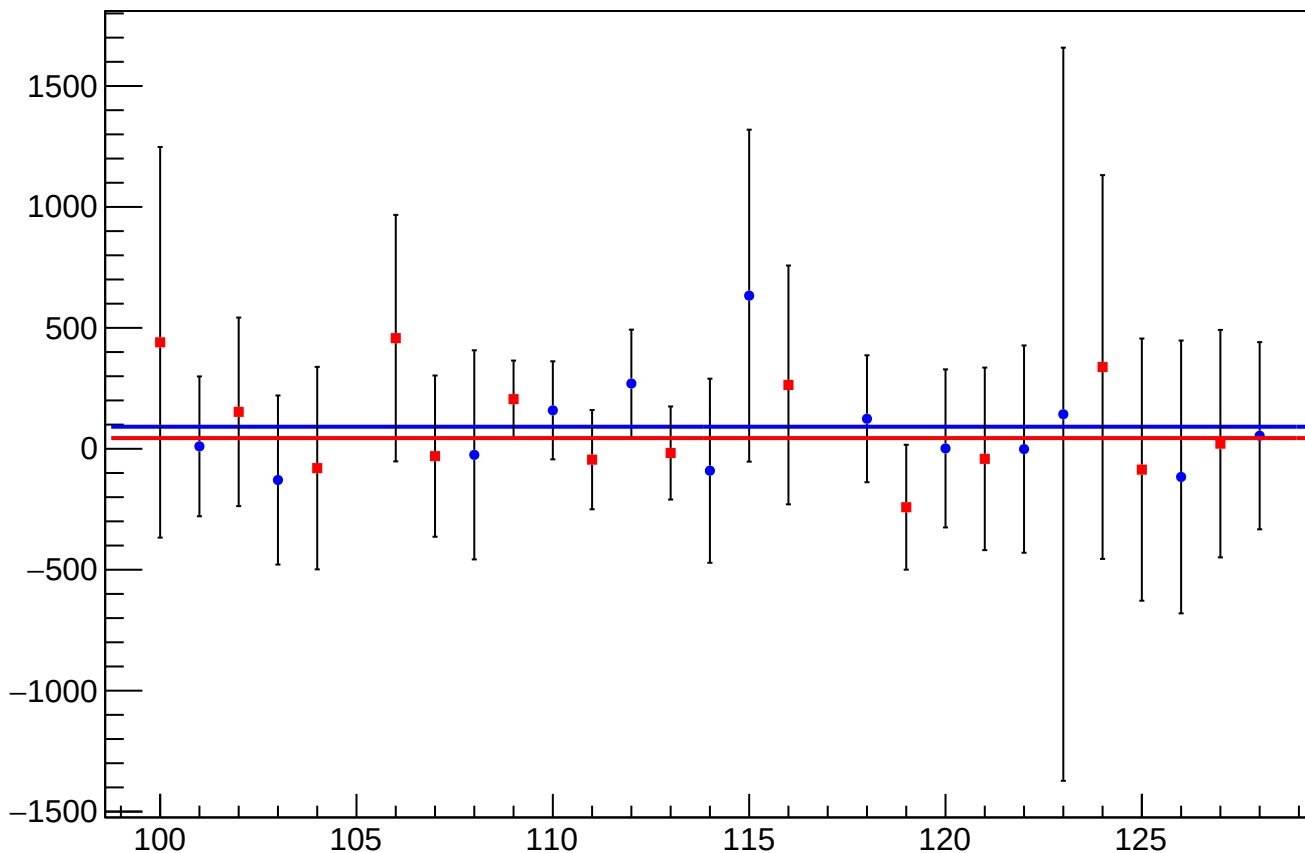
Right: 17.936+/-0.004 χ^2/NDF : 53829.3/26

In: 17.817+/-0.006 χ^2/NDF : 30535.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.936+/-0.004 χ^2/NDF : 53829.3/26

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 91.272+/-91.826 χ^2/NDF : 2.4/12

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

Right Out: 44.353+/-81.004 χ^2/NDF : 4.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

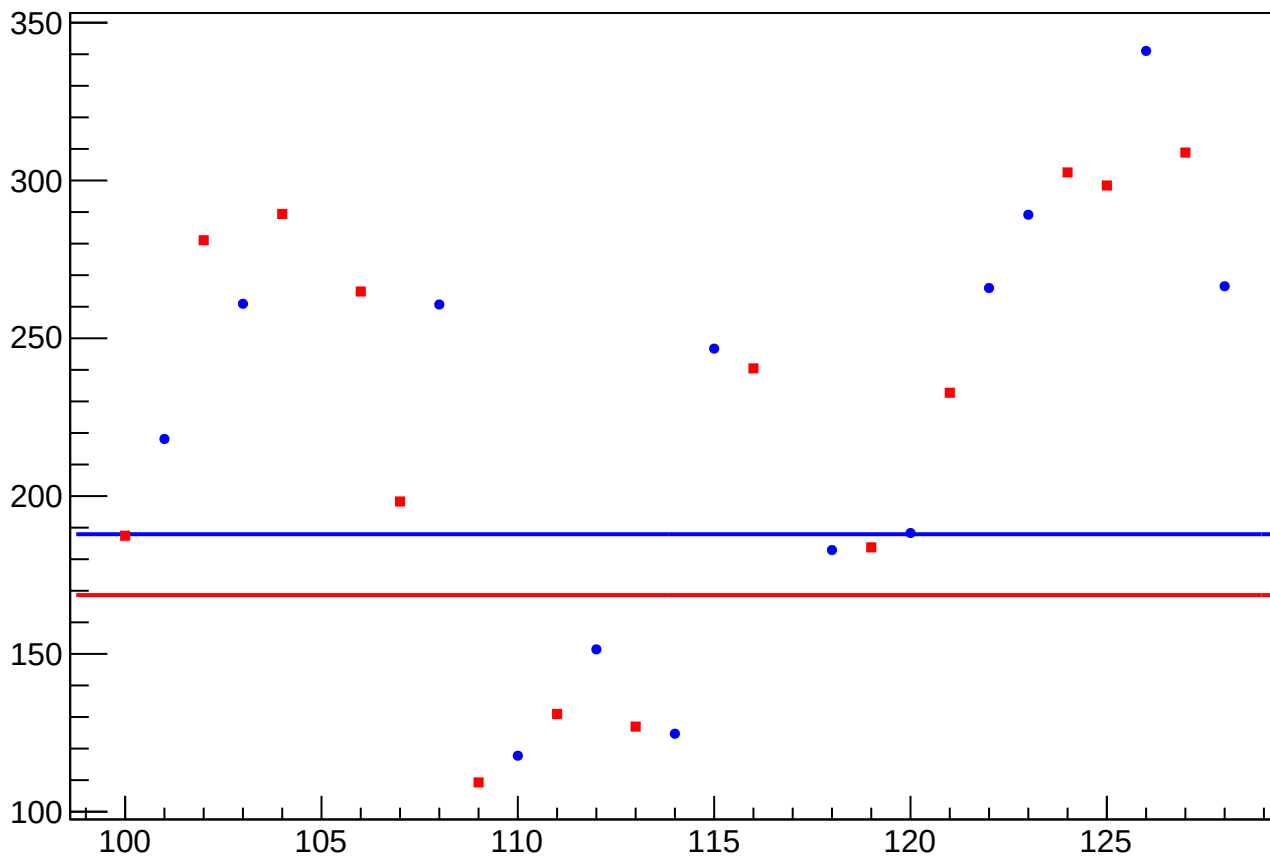
Right: 64.886+/-60.746 χ^2/NDF : 6.7/26

In: 91.272+/-91.826 χ^2/NDF : 2.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.886+/-60.746 χ^2/NDF : 6.7/26

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 187.917+/-0.065 χ^2/NDF : 834803.2/12

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

Right Out: 168.638+/-0.057 χ^2/NDF : 1315697.8/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

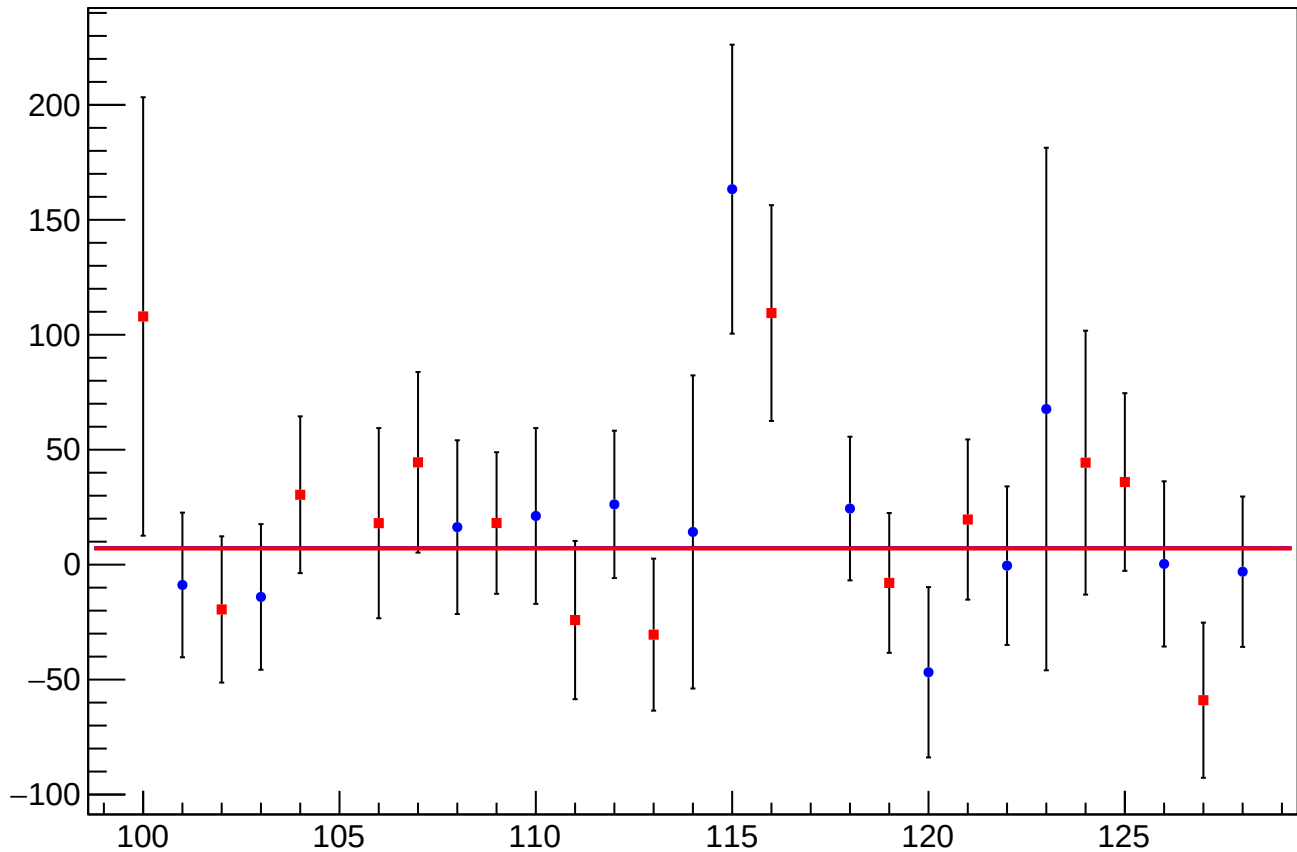
Right: 177.075+/-0.043 χ^2/NDF : 2200081.6/26

In: 187.917+/-0.065 χ^2/NDF :834803.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 177.075+/-0.043 χ^2/NDF : 2200081.6/26

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 7.174+/-10.418 χ^2/NDF : 10.3/12

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

Right Out: 7.058+/-9.895 χ^2/NDF : 15.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

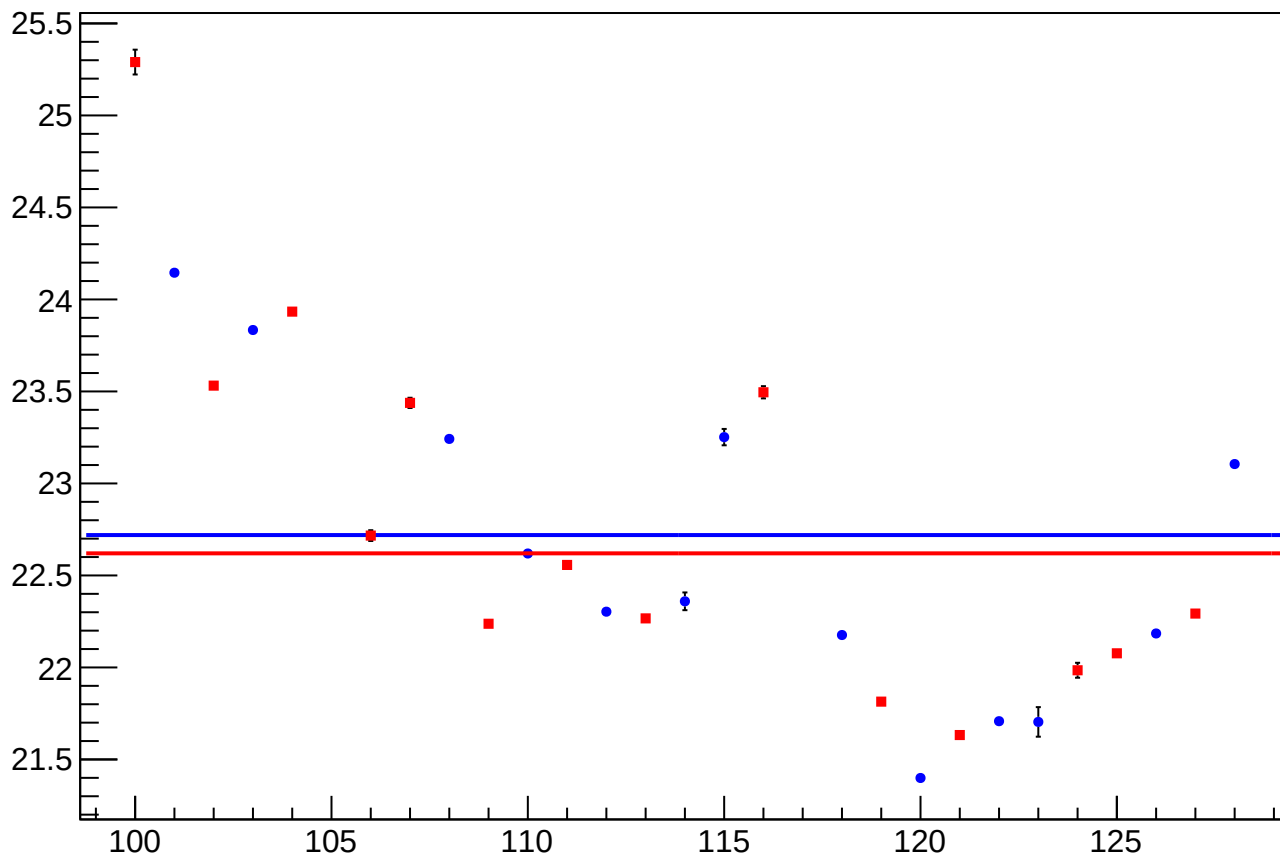
Right: 7.113+/-7.175 χ^2/NDF : 25.8/26

In: 7.174+/-10.418 χ^2/NDF : 10.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.113+/-7.175 χ^2/NDF : 25.8/26

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.719+/-0.007 χ^2/NDF : 13260.1/12

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

Right Out: 22.620+/-0.007 χ^2/NDF : 12131.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

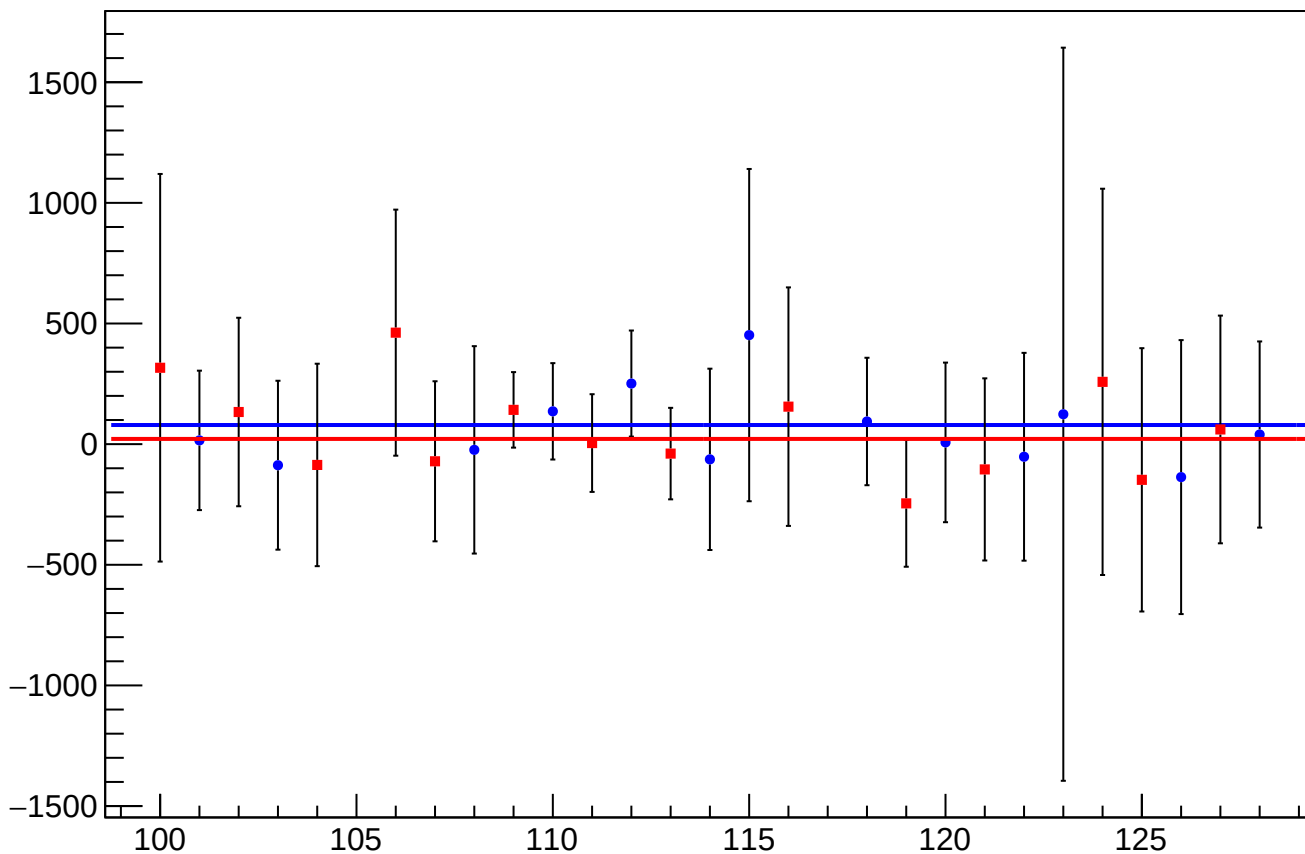
Right: 22.667+/-0.005 χ^2/NDF : 25487.7/26

In: 22.719+/-0.007 χ^2/NDF : 13260.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.667+/-0.005 χ^2/NDF : 25487.7/26

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 79.294+/-91.427 χ^2/NDF : 1.8/12

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

Right Out: 21.630+/-80.382 χ^2/NDF : 3.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

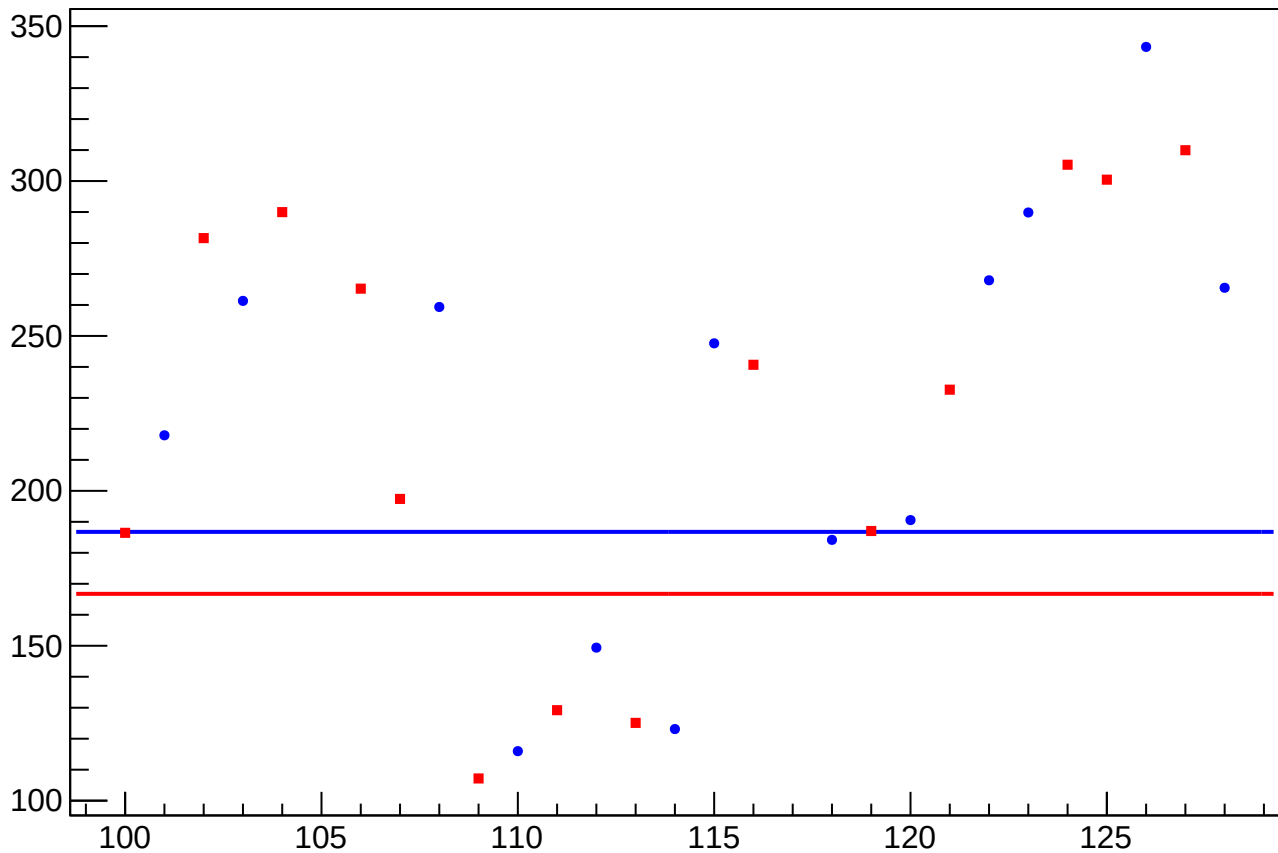
Right: 46.770+/-60.368 χ^2/NDF : 5.2/26

In: 79.294+/-91.427 χ^2/NDF : 1.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.770+/-60.368 χ^2/NDF : 5.2/26

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 186.760+/-0.065 χ^2/NDF : 869304.7/12

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

Right Out: 166.759+/-0.057 χ^2/NDF : 1375177.5/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

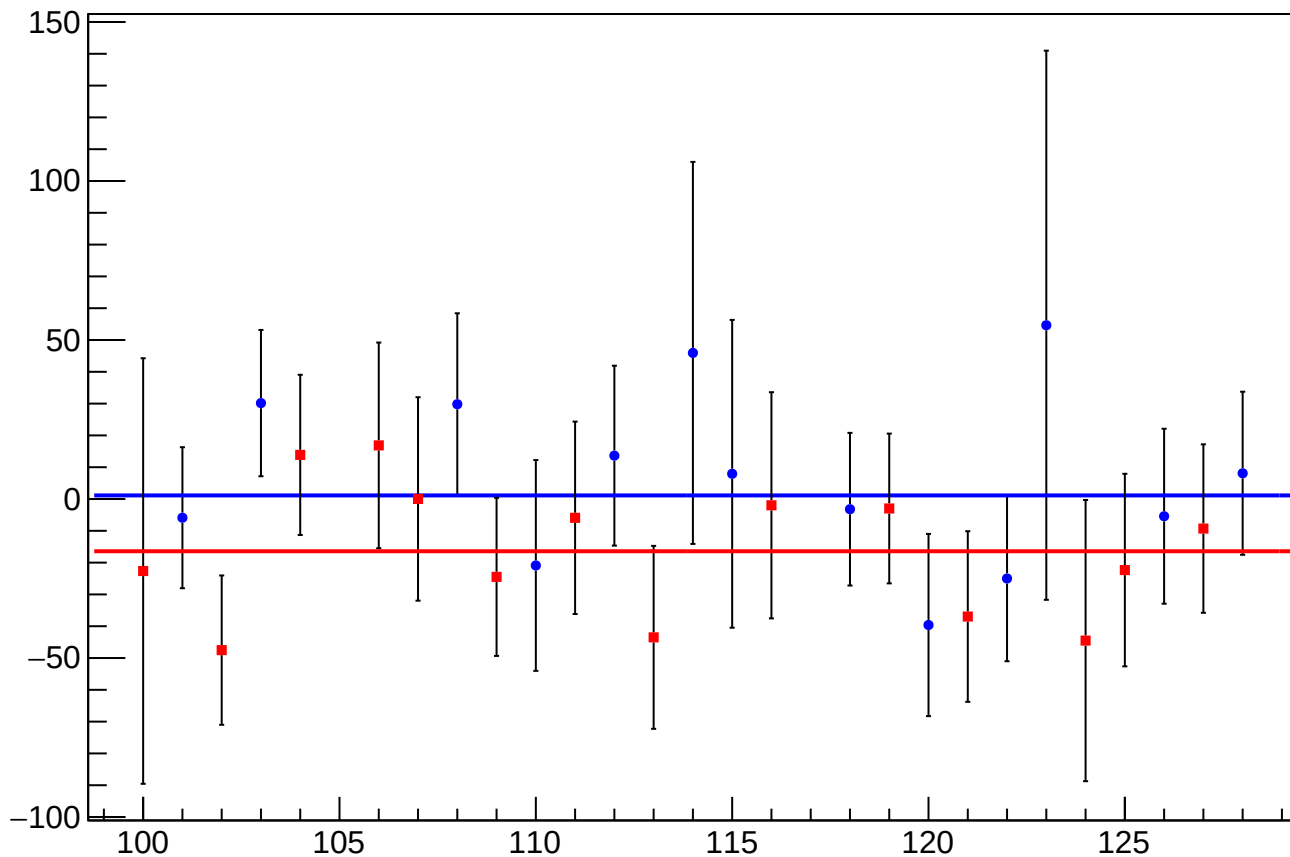
Right: 175.479+/-0.043 χ^2/NDF : 2298468.9/26

In: 186.760+/-0.065 χ^2/NDF :869304.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 175.479+/-0.043 χ^2/NDF : 2298468.9/26

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.130+/-8.053 χ^2/NDF : 7.5/12

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

Right Out: -16.423+/-7.790 χ^2/NDF : 7.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

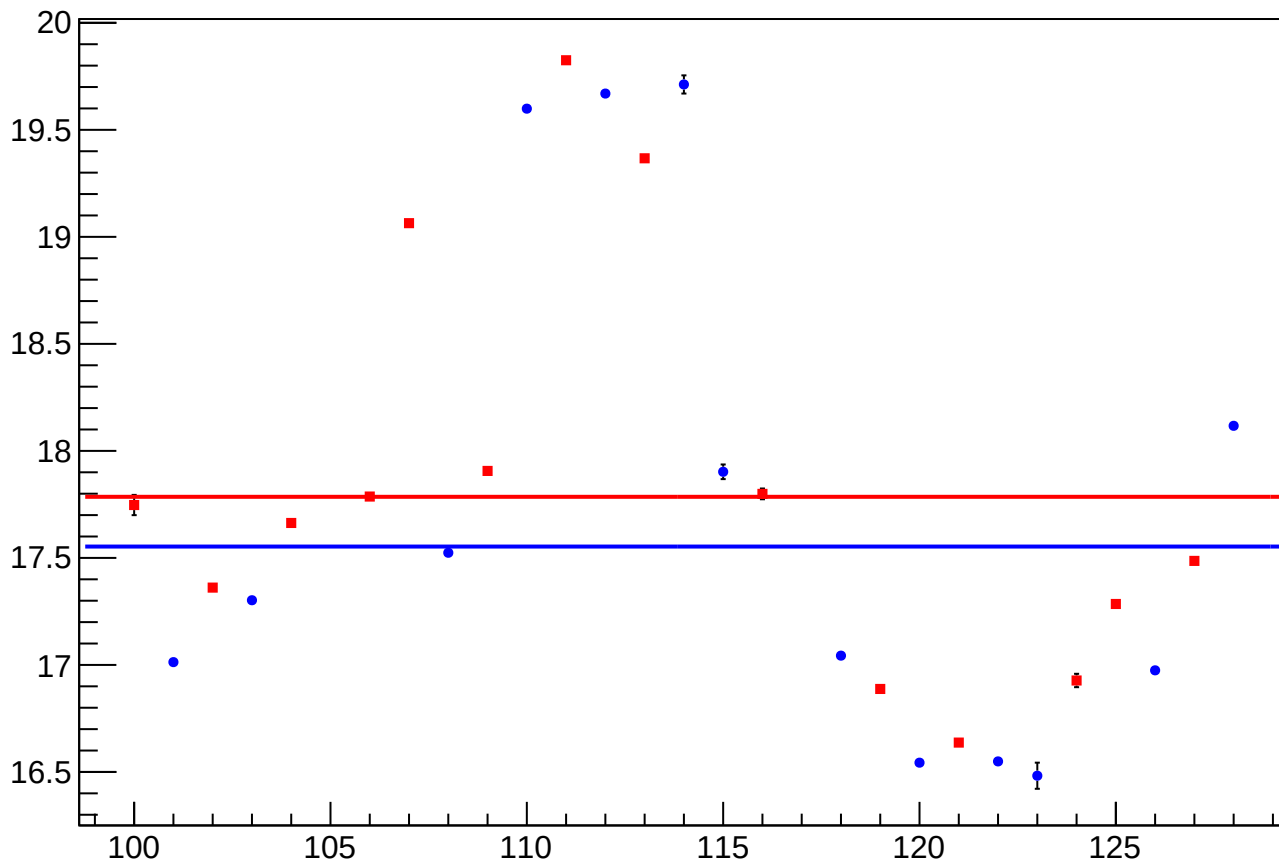
Right: -7.938+/-5.599 χ^2/NDF : 17.2/26

In: 1.130+/-8.053 χ^2/NDF : 7.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.938+/-5.599 χ^2/NDF : 17.2/26

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.553+/-0.006 χ^2/NDF : 31454.2/12

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

Right Out: 17.785+/-0.006 χ^2/NDF : 27209.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

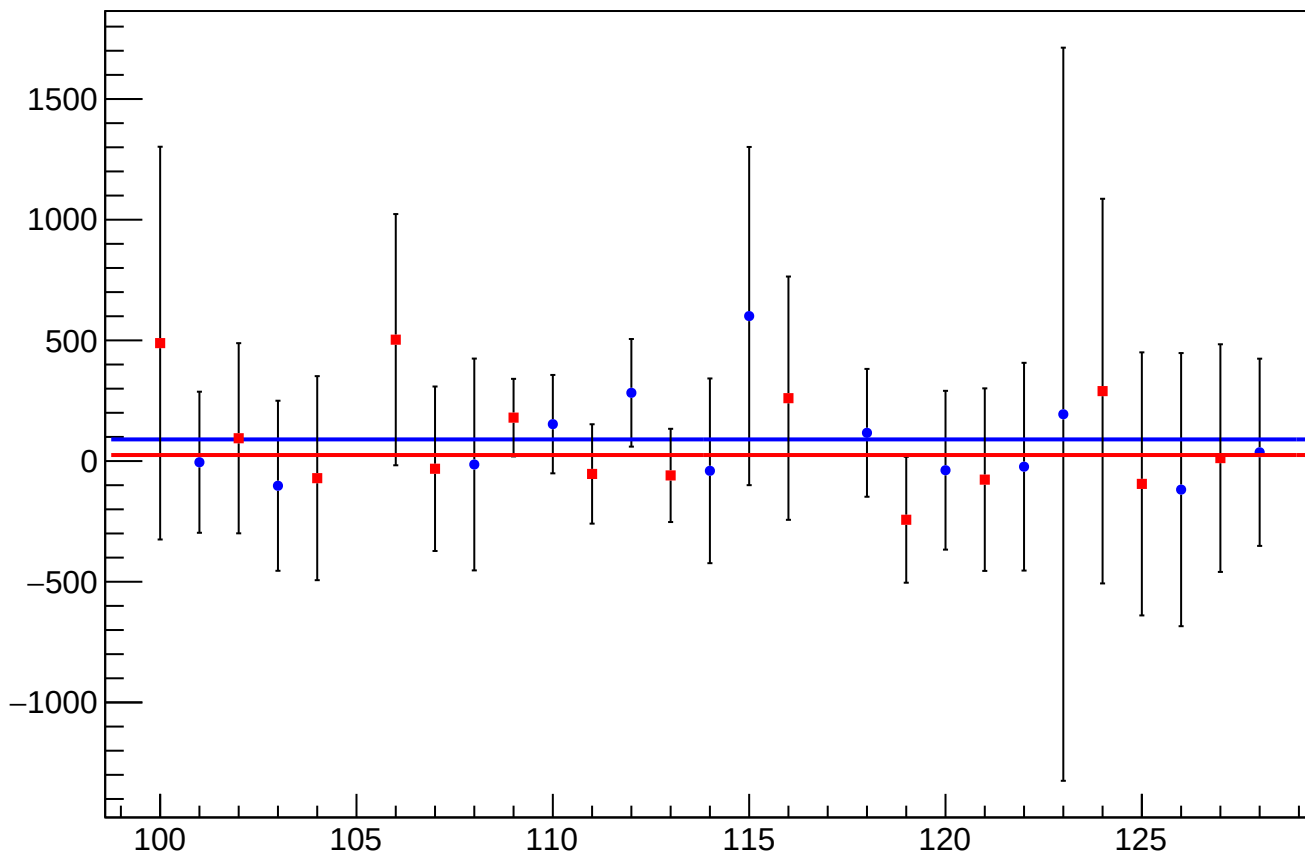
Right: 17.673+/-0.004 χ^2/NDF : 59524.3/26

In: 17.553+/-0.006 χ^2/NDF : 31454.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.673+/-0.004 χ^2/NDF : 59524.3/26

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 89.743+/-92.407 χ^2/NDF : 2.3/12

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

Right Out: 25.026+/-81.640 χ^2/NDF : 4.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

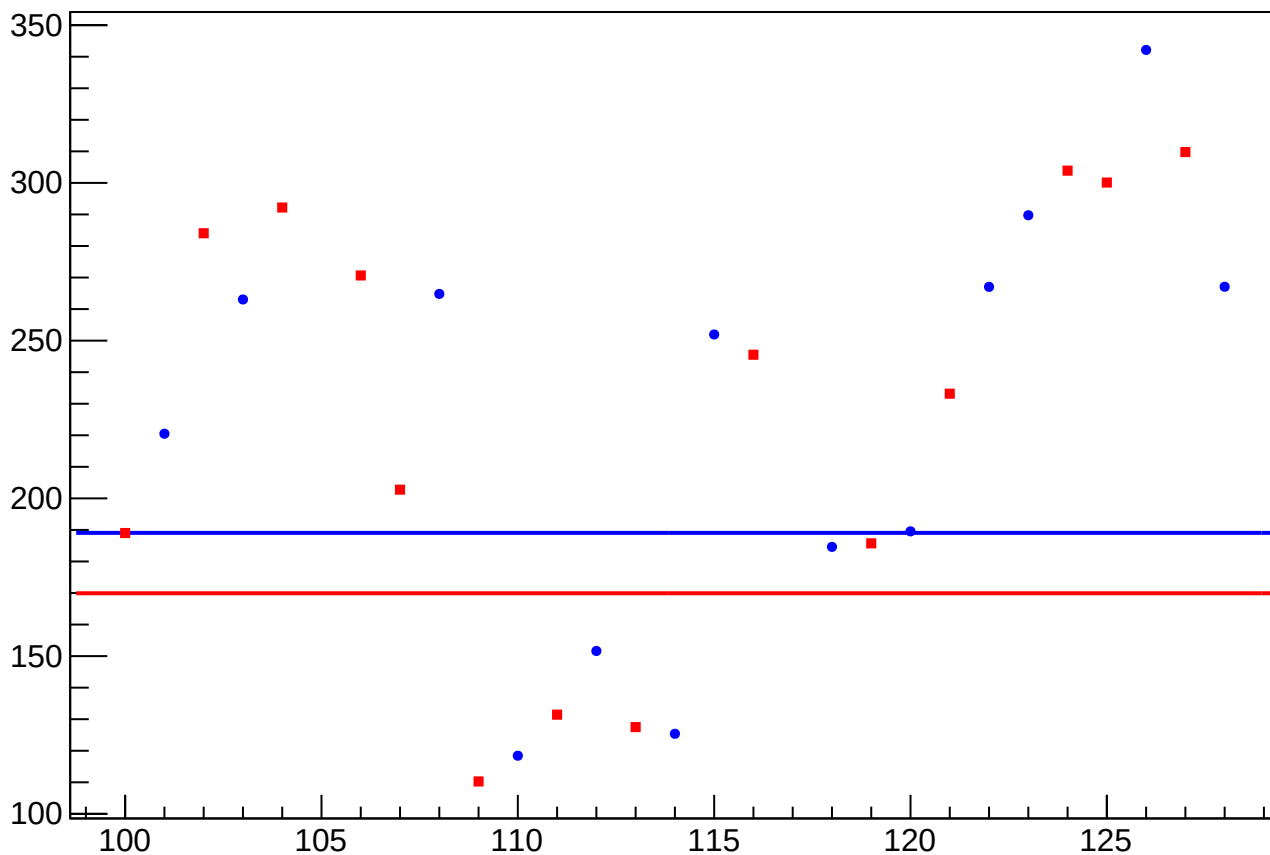
Right: 53.396+/-61.182 χ^2/NDF : 6.7/26

In: 89.743+/-92.407 χ^2/NDF : 2.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.396+/-61.182 χ^2/NDF : 6.7/26

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 189.066+/-0.065 χ^2/NDF : 841388.8/12

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

Right Out: 169.920+/-0.058 χ^2/NDF : 1326537.6/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

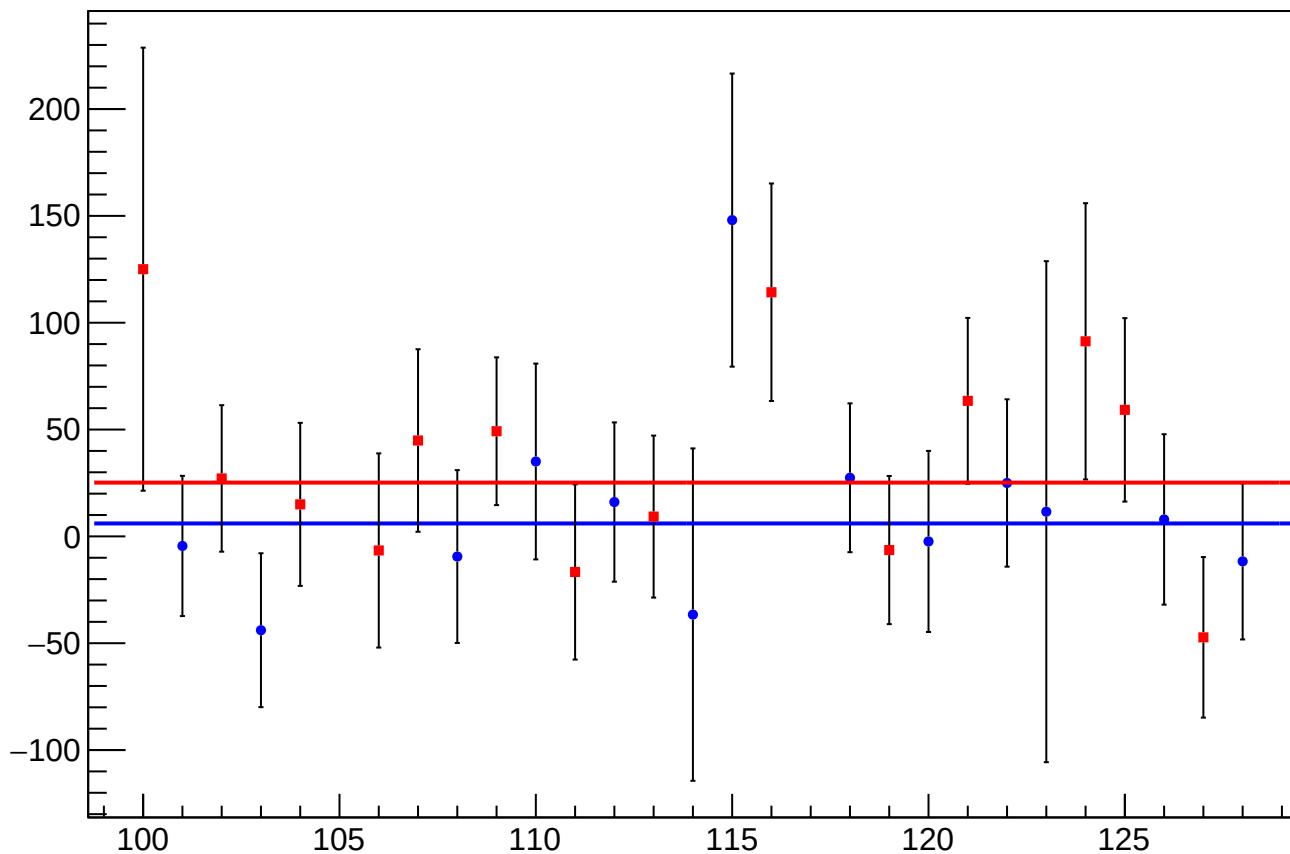
Right: 178.313+/-0.043 χ^2/NDF : 2216144.7/26

In: 189.066+/-0.065 χ^2/NDF :841388.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 178.313+/-0.043 χ^2/NDF : 2216144.7/26

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 6.049+/-11.650 χ^2/NDF : 8.1/12

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

Right Out: 25.172+/-11.068 χ^2/NDF : 13.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

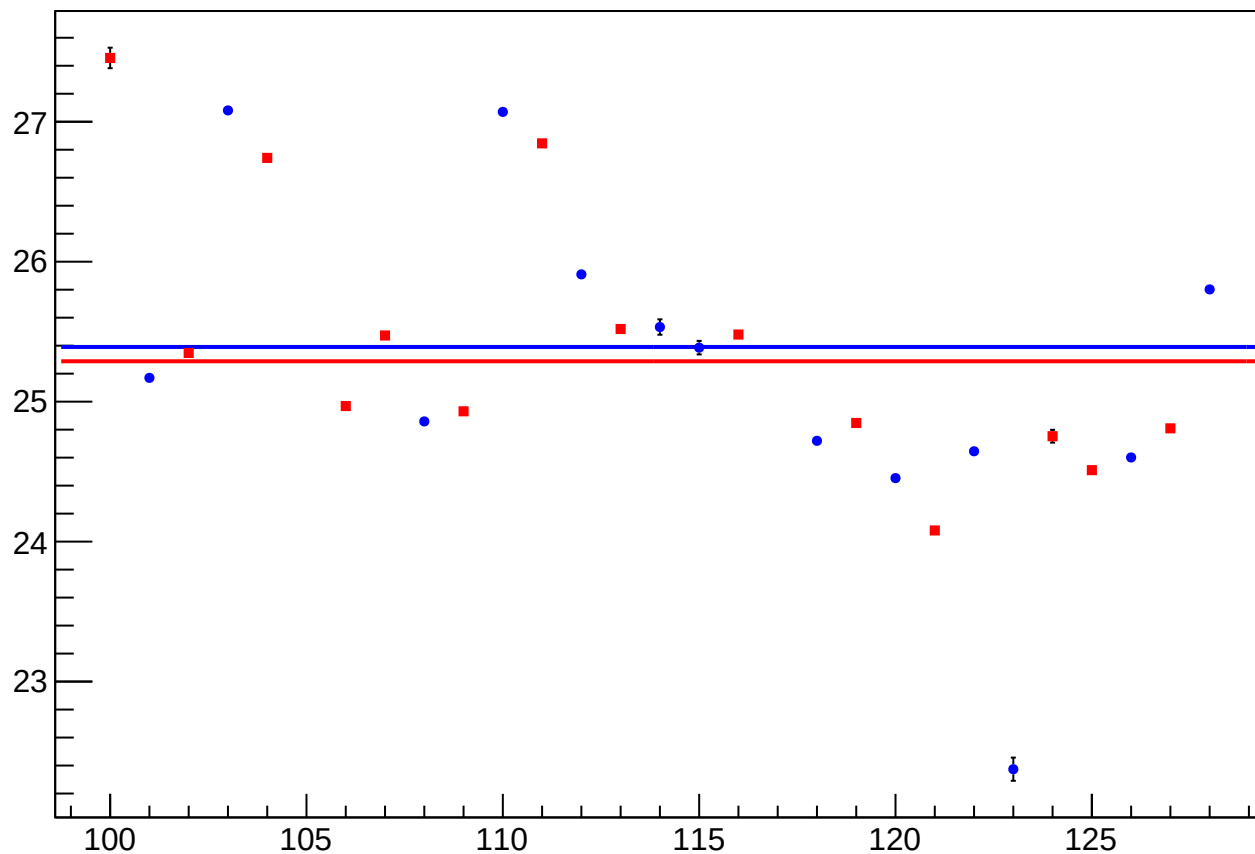
Right: 16.100+/-8.024 χ^2/NDF : 23.2/26

In: 6.049+/-11.650 χ^2/NDF : 8.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.100+/-8.024 χ^2/NDF : 23.2/26

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.391+/-0.008 χ^2/NDF : 12727.0/12

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

Right Out: 25.288+/-0.008 χ^2/NDF : 10501.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

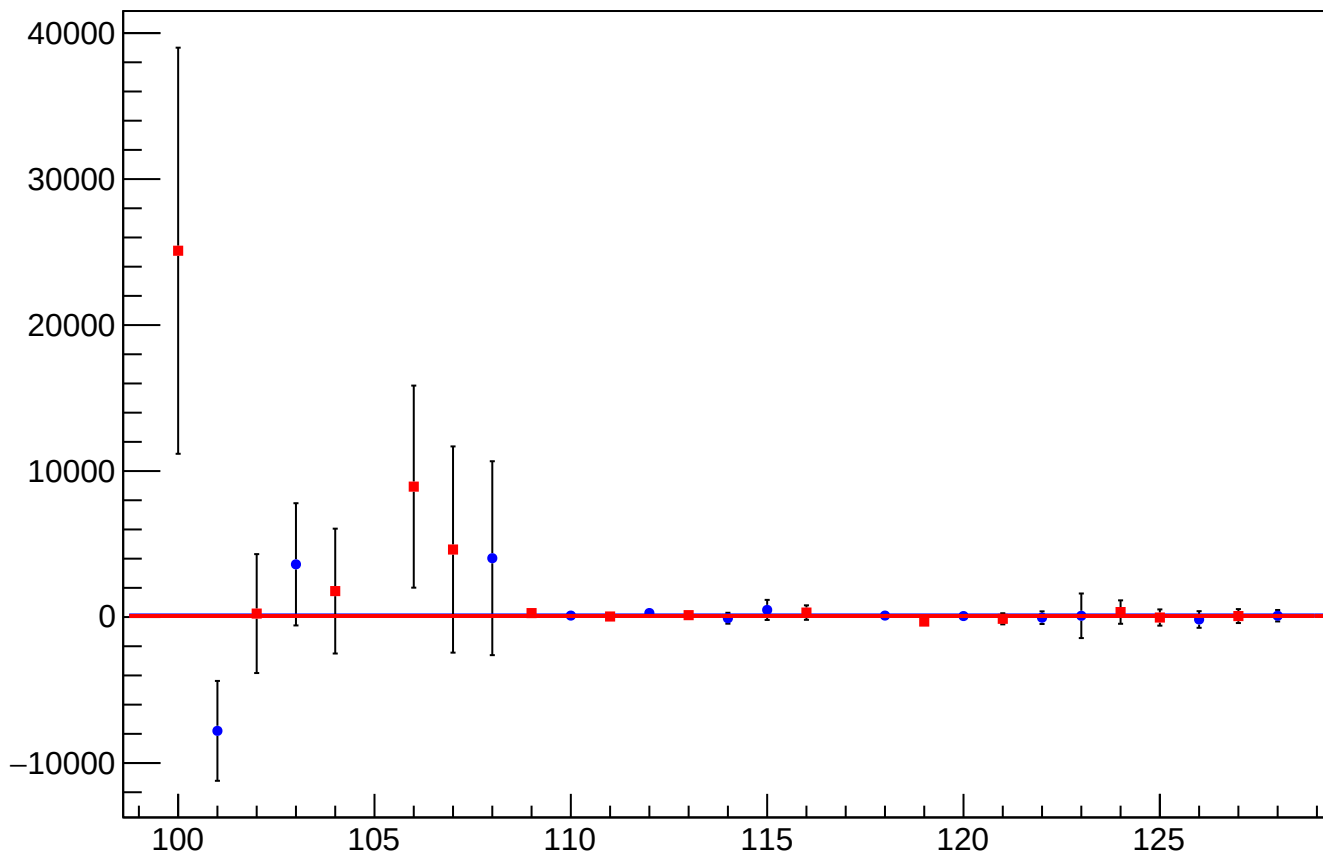
Right: 25.337+/-0.006 χ^2/NDF : 23309.5/26

In: 25.391+/-0.008 χ^2/NDF : 12727.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.337+/-0.006 χ^2/NDF : 23309.5/26

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 109.736+/-103.625 χ^2/NDF : 7.9/12

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

Right Out: 72.630+/-96.351 χ^2/NDF : 9.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

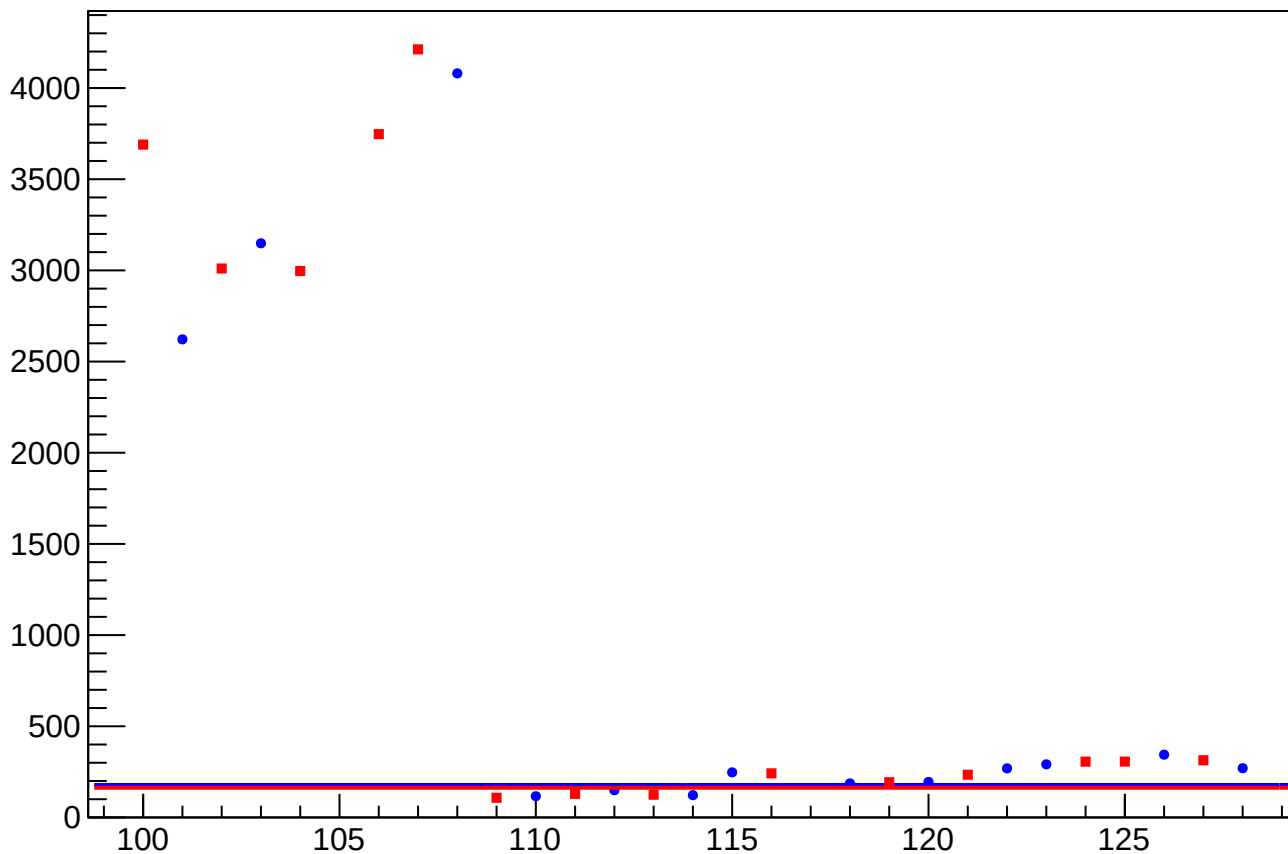
Right: 89.835+/-70.562 χ^2/NDF : 17.0/26

In: 109.736+/-103.625 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.835+/-70.562 χ^2/NDF : 17.0/26

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 178.062 $\pm$ 0.073 χ^2 /NDF: 3392970.4/12

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

Right Out: 163.032 $\pm$ 0.068 χ^2 /NDF: 3984710.3/13

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

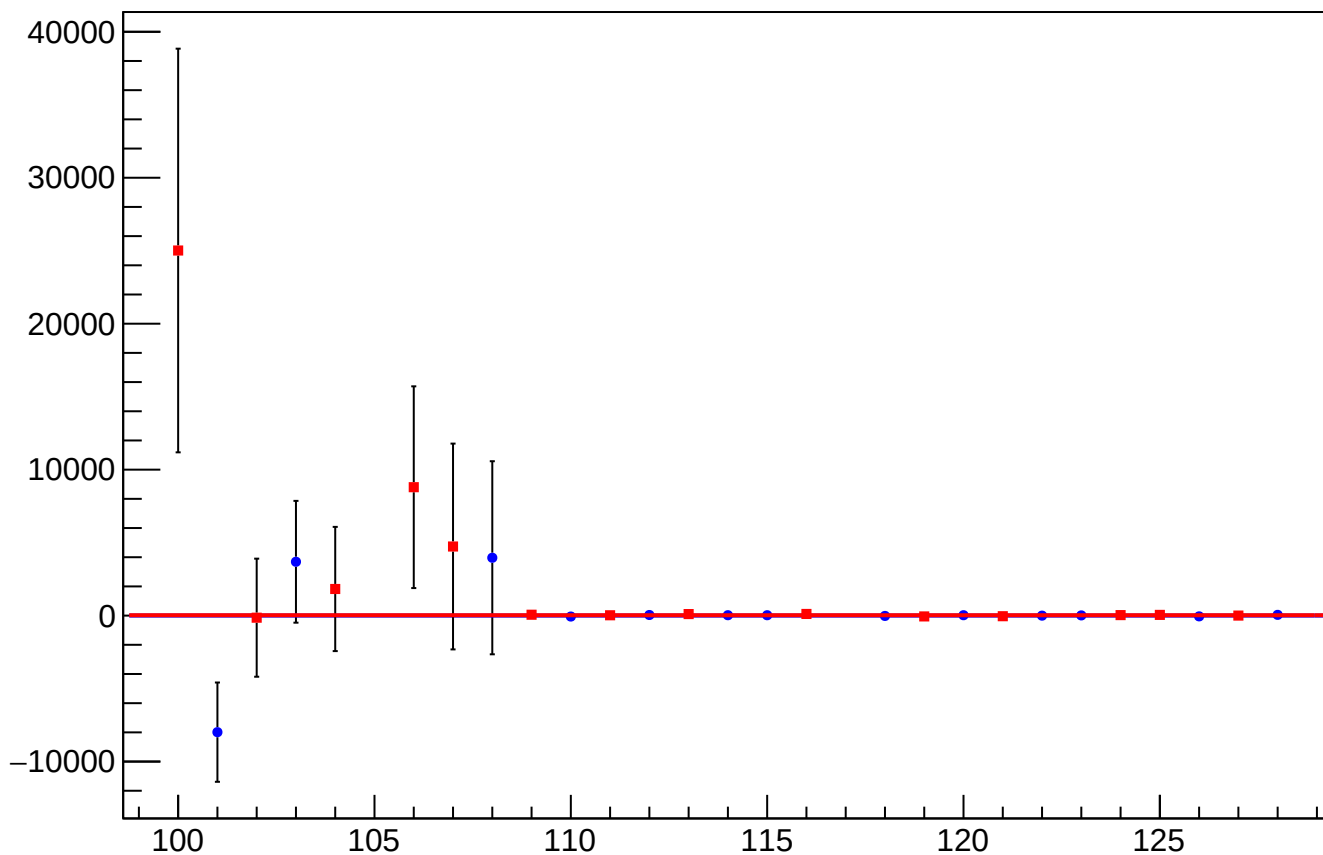
Right: 170.001 $\pm$ 0.050 χ^2 /NDF: 7400247.1/26

In: 178.062 $\pm$ 0.073 χ^2 /NDF:3392970.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 170.001 $\pm$ 0.050 χ^2 /NDF: 7400247.1/26

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.354+/-15.283 χ^2/NDF : 13.7/12

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

Right Out: 25.615+/-15.445 χ^2/NDF : 19.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

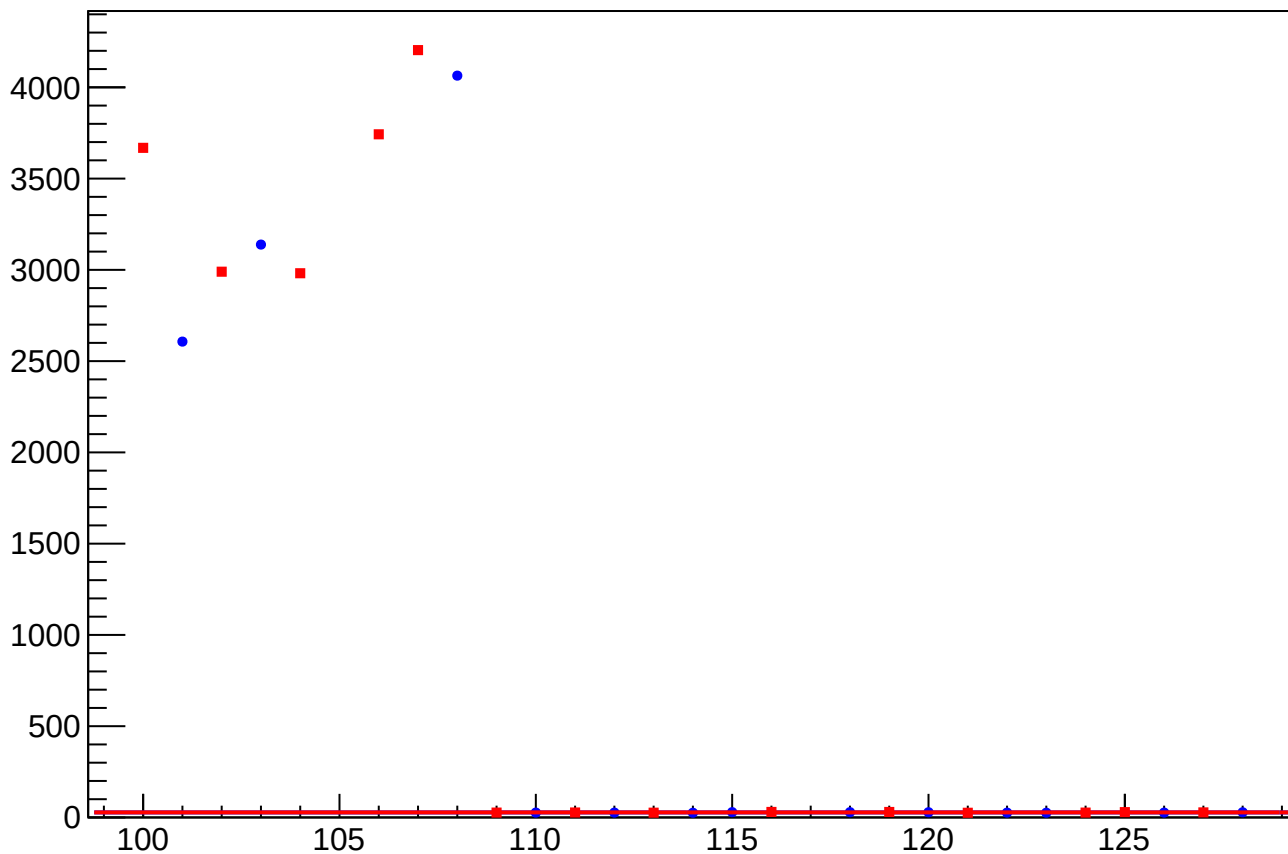
Right: 13.357+/-10.863 χ^2/NDF : 34.2/26

In: 1.354+/-15.283 χ^2/NDF : 13.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.357+/-10.863 χ^2/NDF : 34.2/26

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.559+/-0.011 χ^2/NDF : 3017758.1/12

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

Right Out: 27.693+/-0.011 χ^2/NDF : 3475480.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

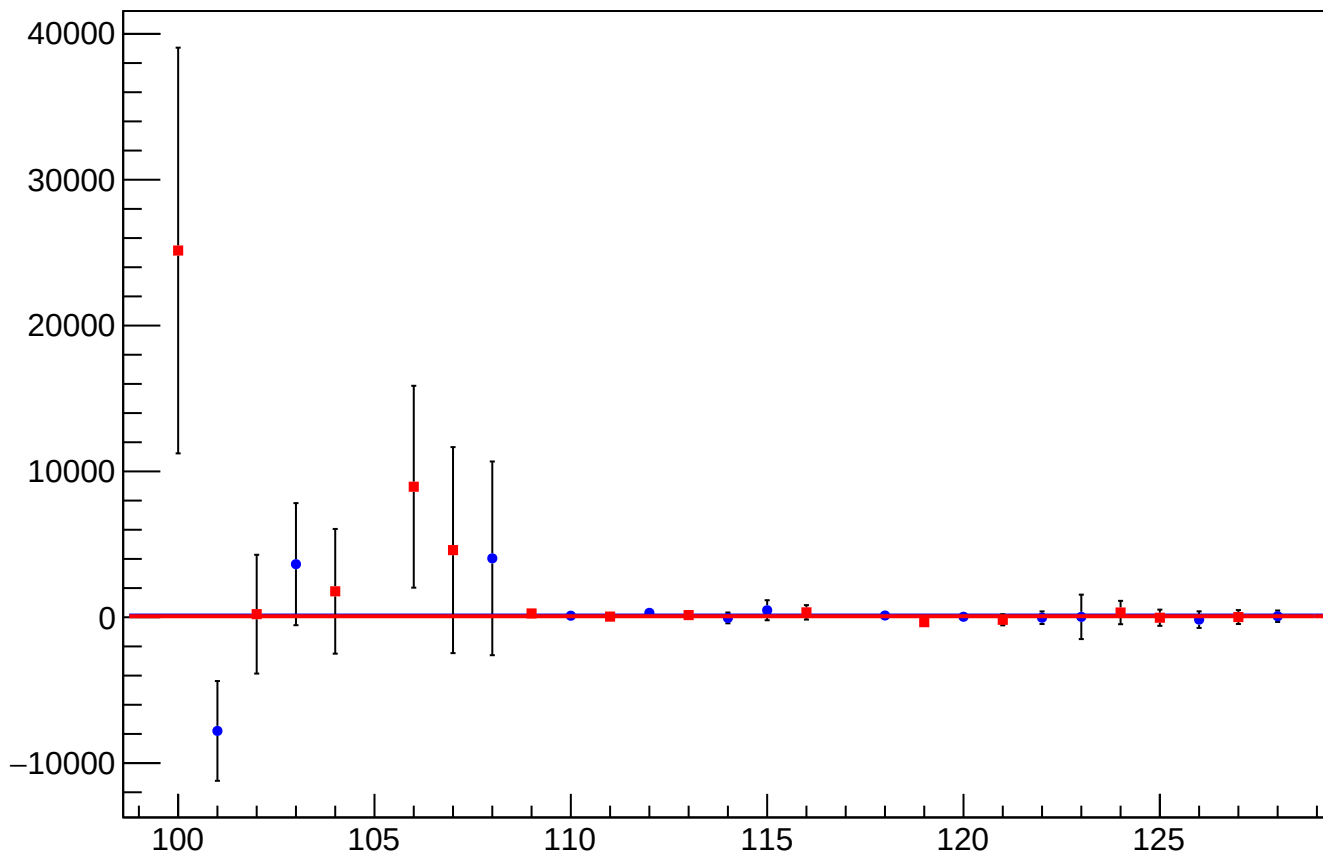
Right: 27.625+/-0.008 χ^2/NDF : 6493315.1/26

In: 27.559+/-0.011 χ^2/NDF : 3017758.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.625+/-0.008 χ^2/NDF : 6493315.1/26

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 117.755+/-103.237 χ^2/NDF : 8.0/12

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

Right Out: 69.203+/-95.939 χ^2/NDF : 9.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

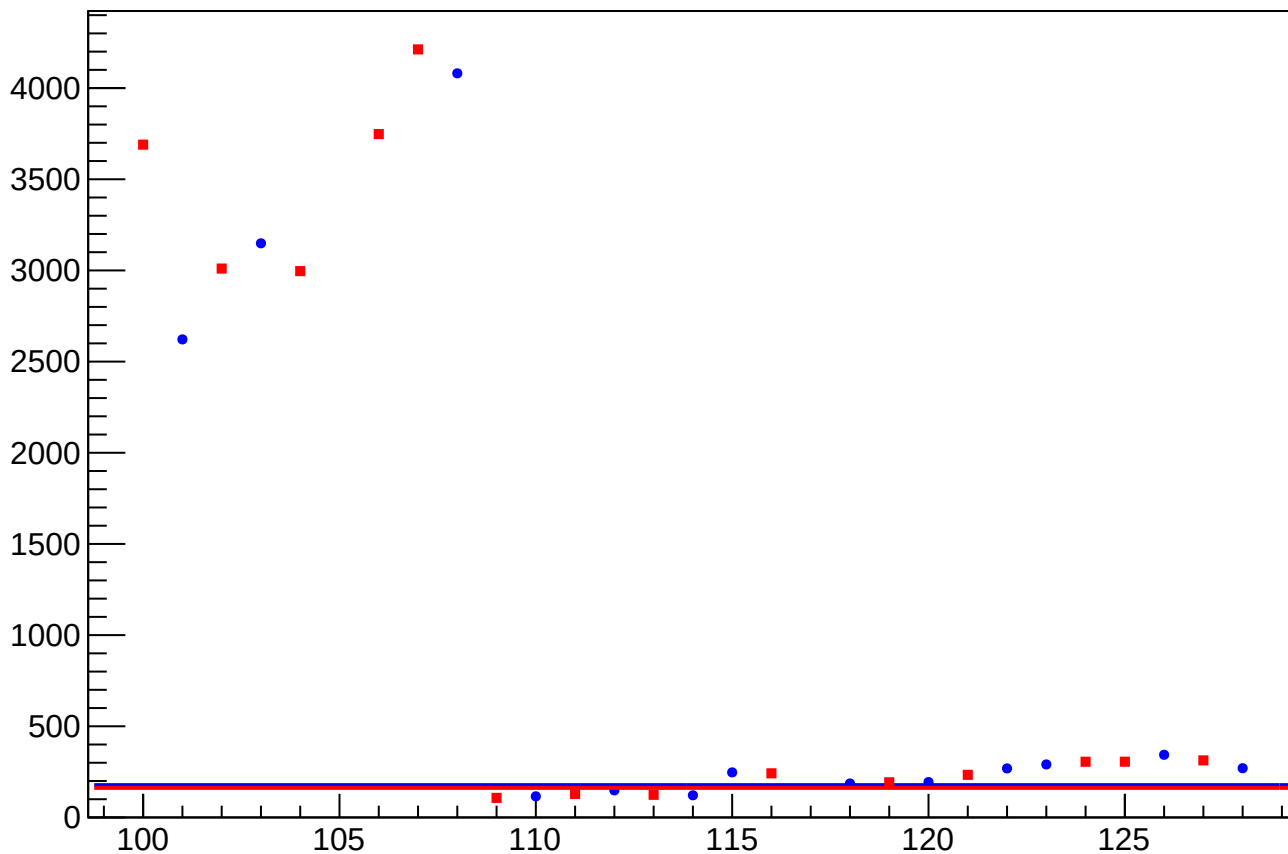
Right: 91.702+/-70.278 χ^2/NDF : 17.7/26

In: 117.755+/-103.237 χ^2/NDF : 8.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.702+/-70.278 χ^2/NDF : 17.7/26

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 177.279+/-0.073 χ^2/NDF : 3401110.3/12

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

Right Out: 162.212+/-0.068 χ^2/NDF : 3992952.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

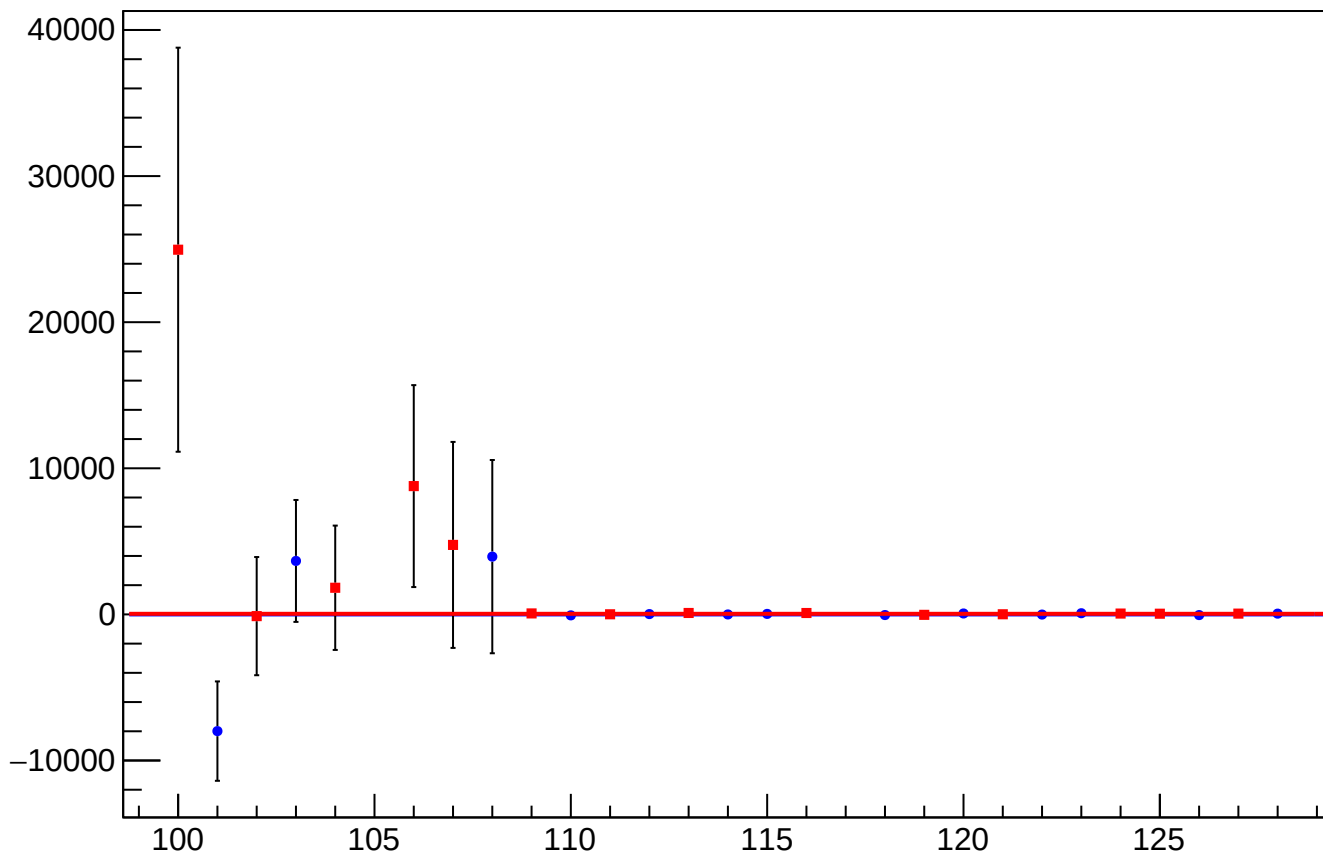
Right: 169.194+/-0.050 χ^2/NDF : 7416919.9/26

In: 177.279+/-0.073 χ^2/NDF : 3401110.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.194+/-0.050 χ^2/NDF : 7416919.9/26

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -2.278+/-15.404 χ^2/NDF : 15.2/12

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

Right Out: 40.186+/-15.594 χ^2/NDF : 12.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

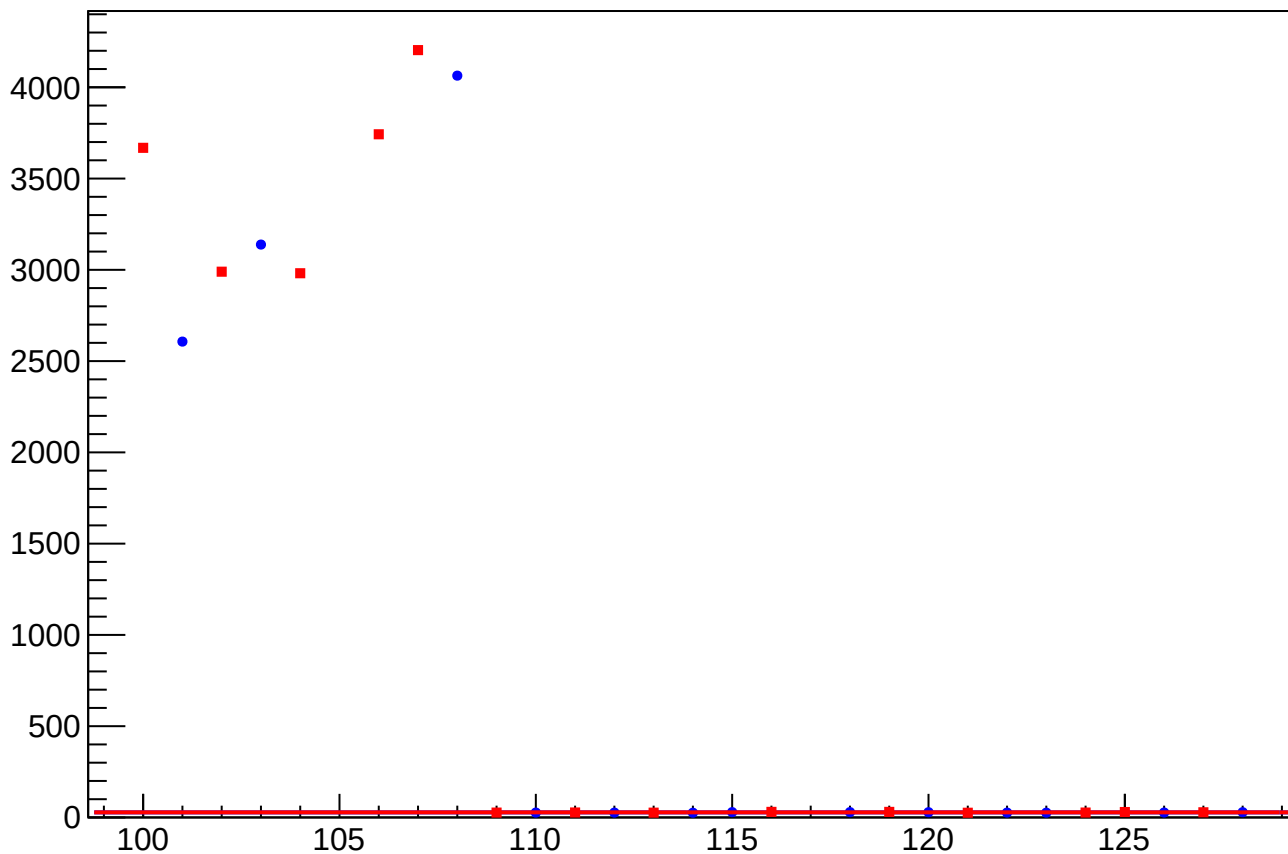
Right: 18.694+/-10.959 χ^2/NDF : 31.7/26

In: -2.278+/-15.404 χ^2/NDF : 15.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.694+/-10.959 χ^2/NDF : 31.7/26

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.769+/-0.011 χ^2/NDF : 3018609.1/12

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

Right Out: 27.952+/-0.011 χ^2/NDF : 3478384.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

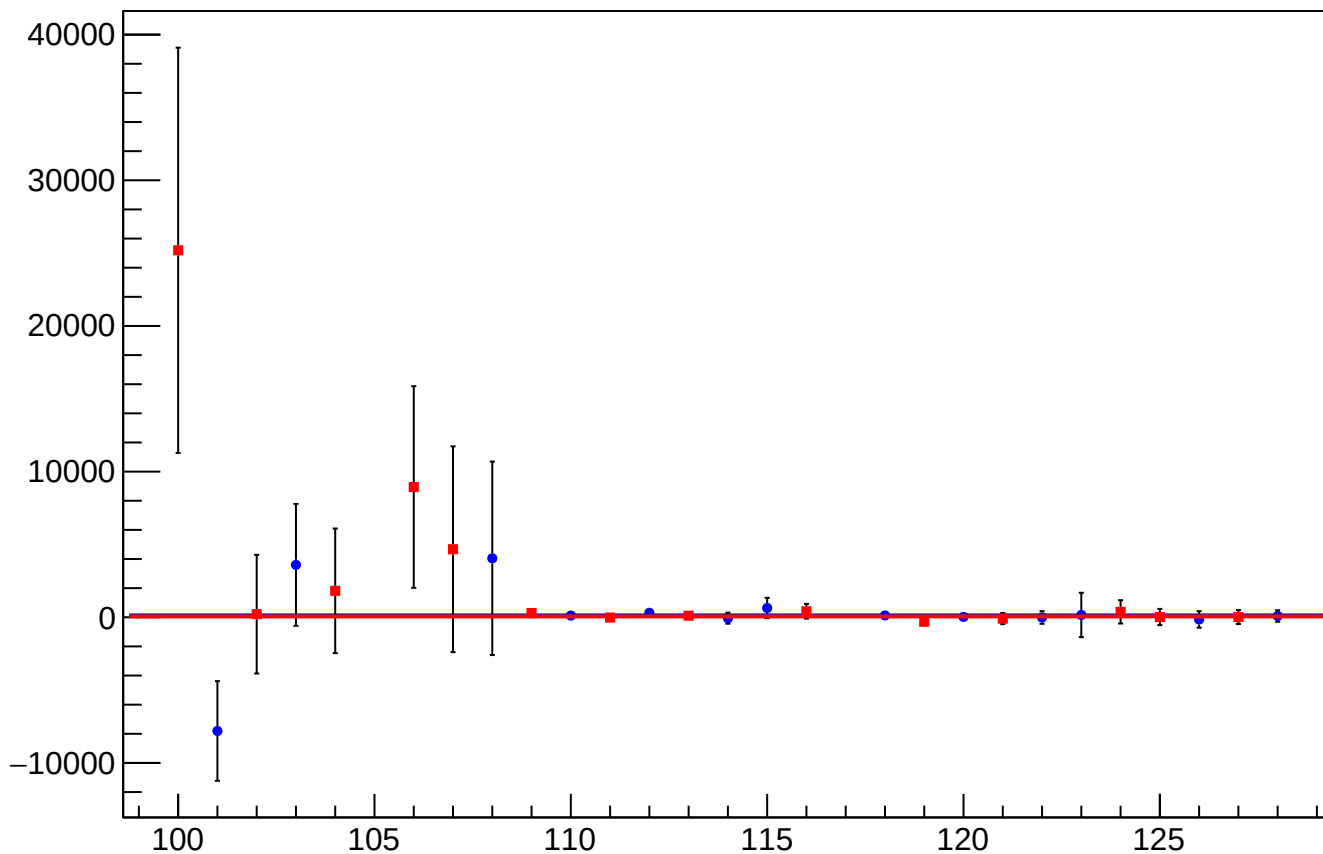
Right: 27.859+/-0.008 χ^2/NDF : 6497132.7/26

In: 27.769+/-0.011 χ^2/NDF :3018609.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 27.859+/-0.008 χ^2/NDF : 6497132.7/26

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 126.745+/-104.569 χ^2/NDF : 8.3/12

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

Right Out: 60.966+/-97.434 χ^2/NDF : 9.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

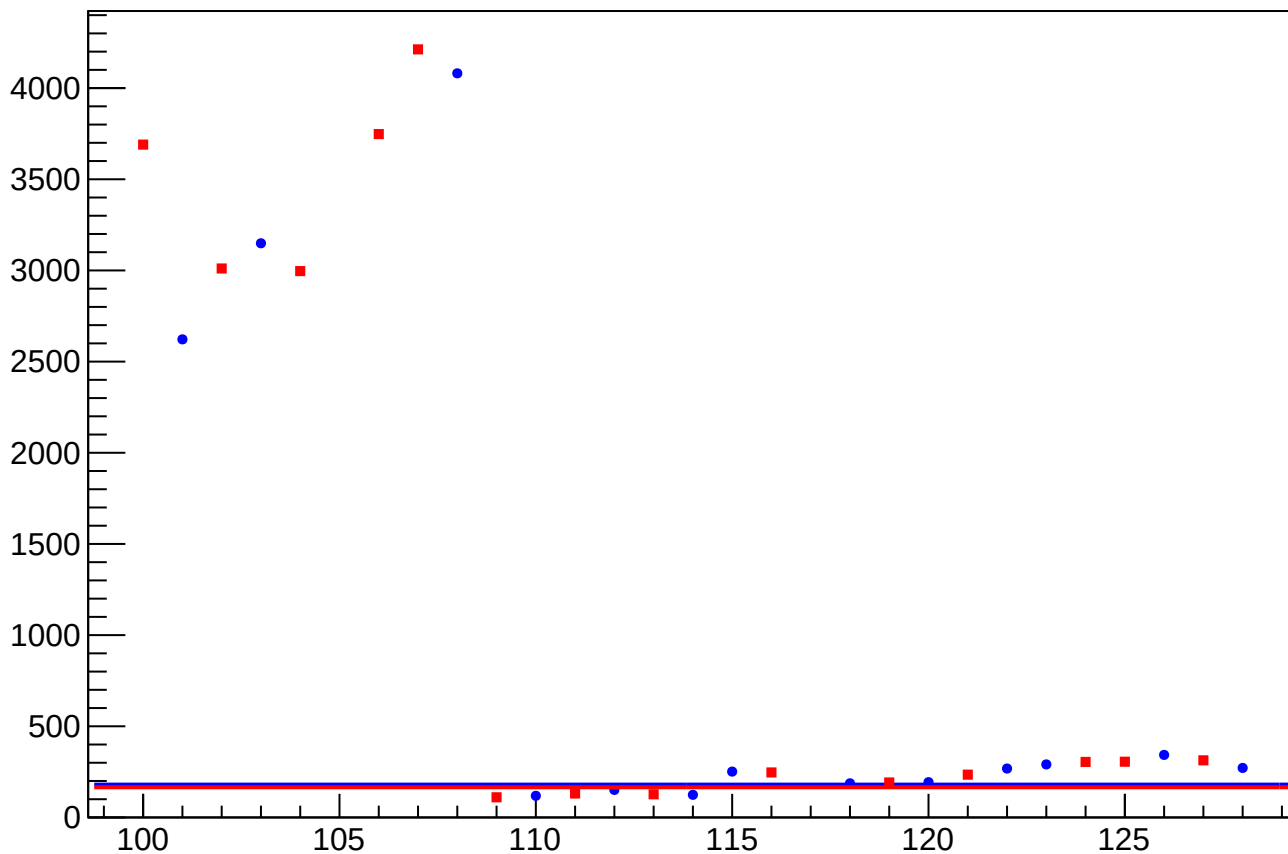
Right: 91.535+/-71.285 χ^2/NDF : 18.0/26

In: 126.745+/-104.569 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.535+/-71.285 χ^2/NDF : 18.0/26

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 180.089+/-0.074 χ^2/NDF : 3364128.3/12

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

Right Out: 165.423+/-0.069 χ^2/NDF : 3950508.7/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

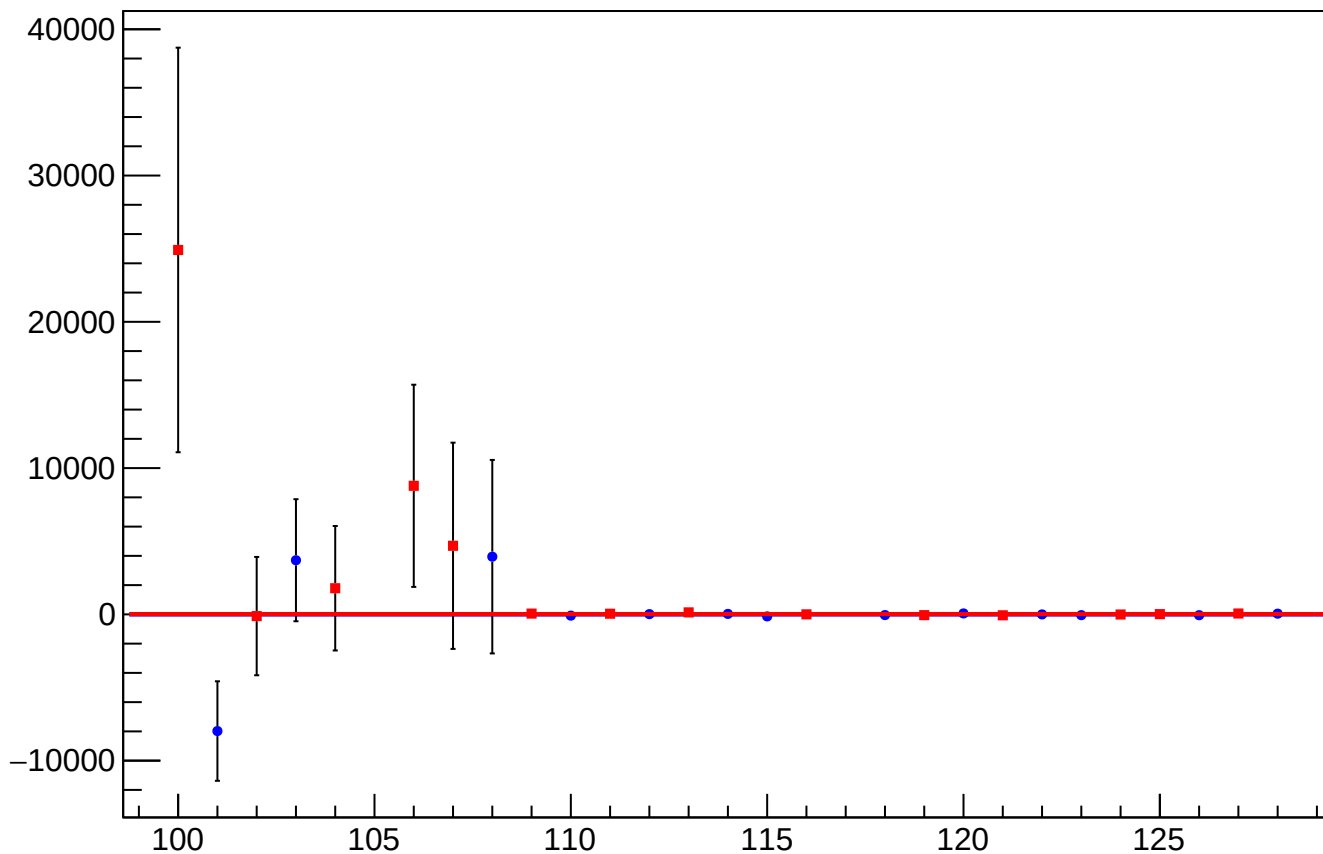
Right: 172.238+/-0.050 χ^2/NDF : 7335695.0/26

In: 180.089+/-0.074 χ^2/NDF :3364128.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 172.238+/-0.050 χ^2/NDF : 7335695.0/26

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -12.785+/-18.755 χ^2/NDF : 15.2/12

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

Right Out: 24.794+/-18.830 χ^2/NDF : 17.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

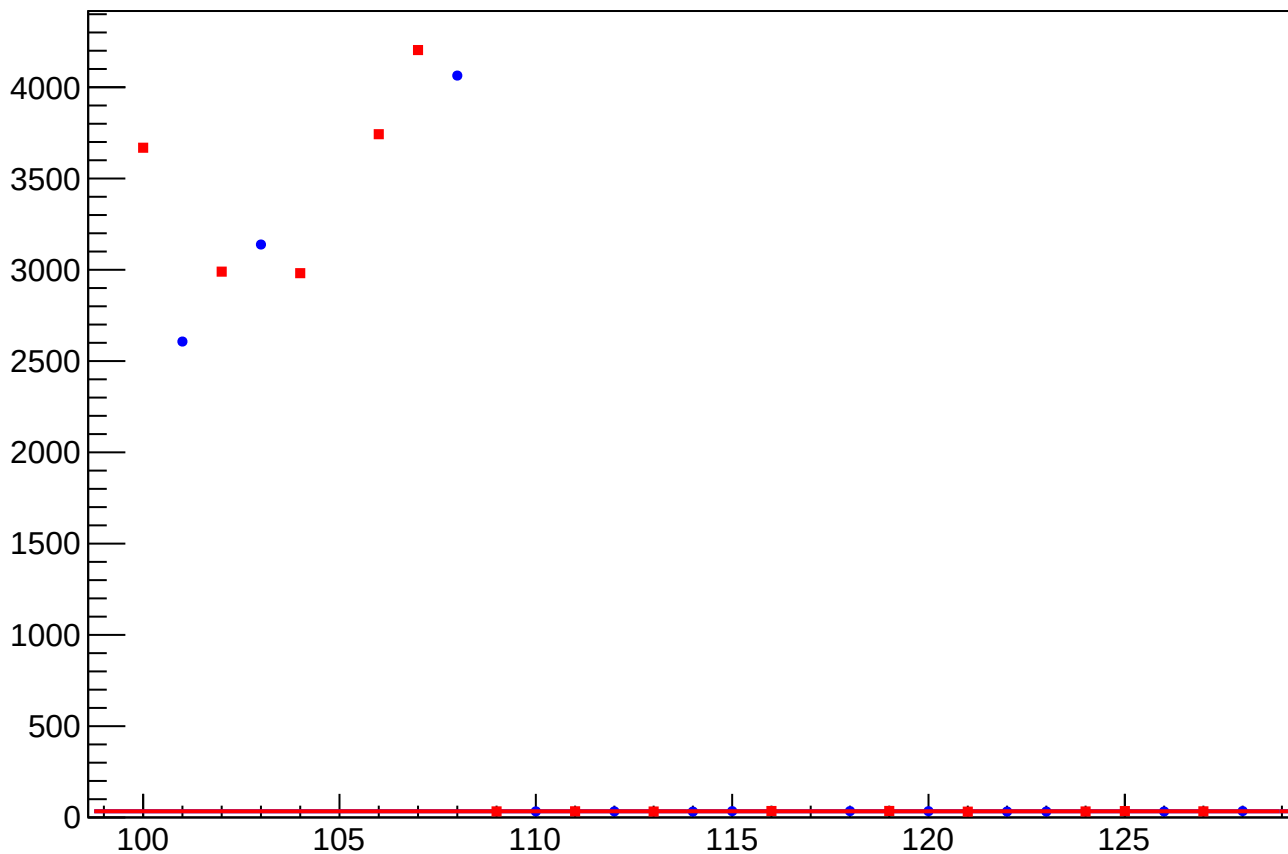
Right: 5.929+/-13.288 χ^2/NDF : 34.5/26

In: -12.785+/-18.755 χ^2/NDF : 15.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.929+/-13.288 χ^2/NDF : 34.5/26

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 33.843+/-0.013 χ^2/NDF : 2999693.0/12

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

Right Out: 33.847+/-0.013 χ^2/NDF : 3450872.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

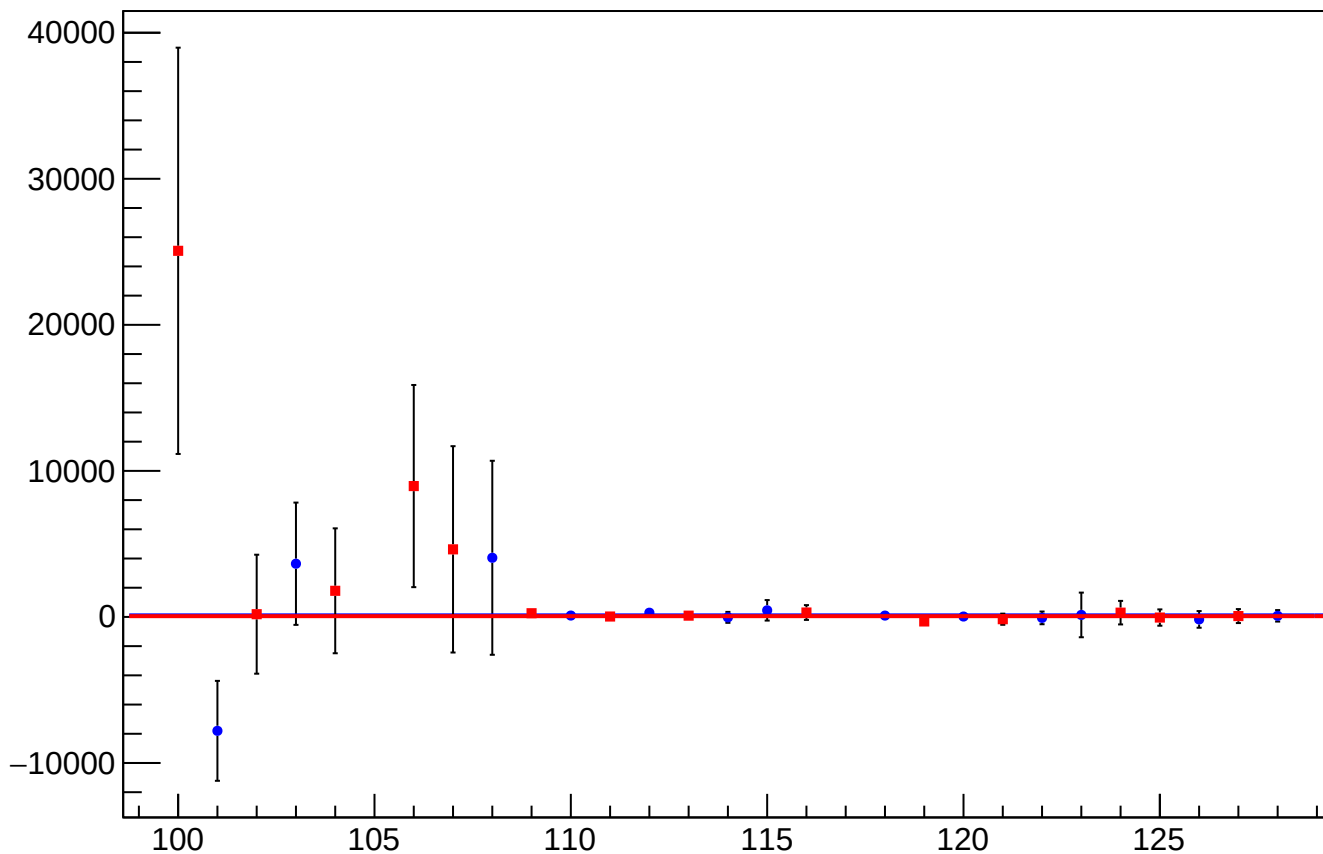
Right: 33.845+/-0.009 χ^2/NDF : 6450565.2/26

In: 33.843+/-0.013 χ^2/NDF : 2999693.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.845+/-0.009 χ^2/NDF : 6450565.2/26

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 107.042+/-104.004 χ^2/NDF : 7.9/12

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

Right Out: 52.464+/-96.740 χ^2/NDF : 8.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

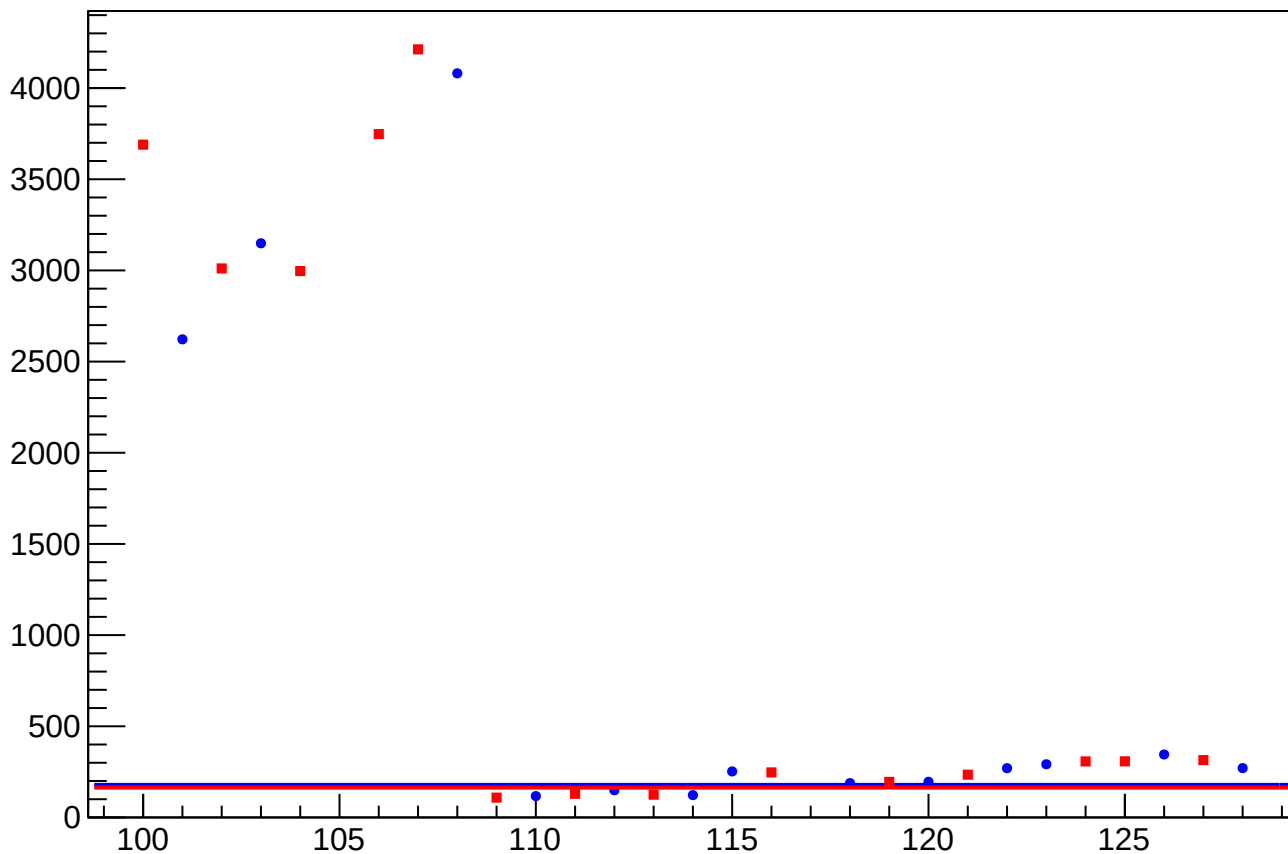
Right: 77.781+/-70.835 χ^2/NDF : 16.9/26

In: 107.042+/-104.004 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.781+/-70.835 χ^2/NDF : 16.9/26

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 178.702+/-0.074 χ^2/NDF : 3394740.5/12

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

Right Out: 163.676+/-0.068 χ^2/NDF : 3988842.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

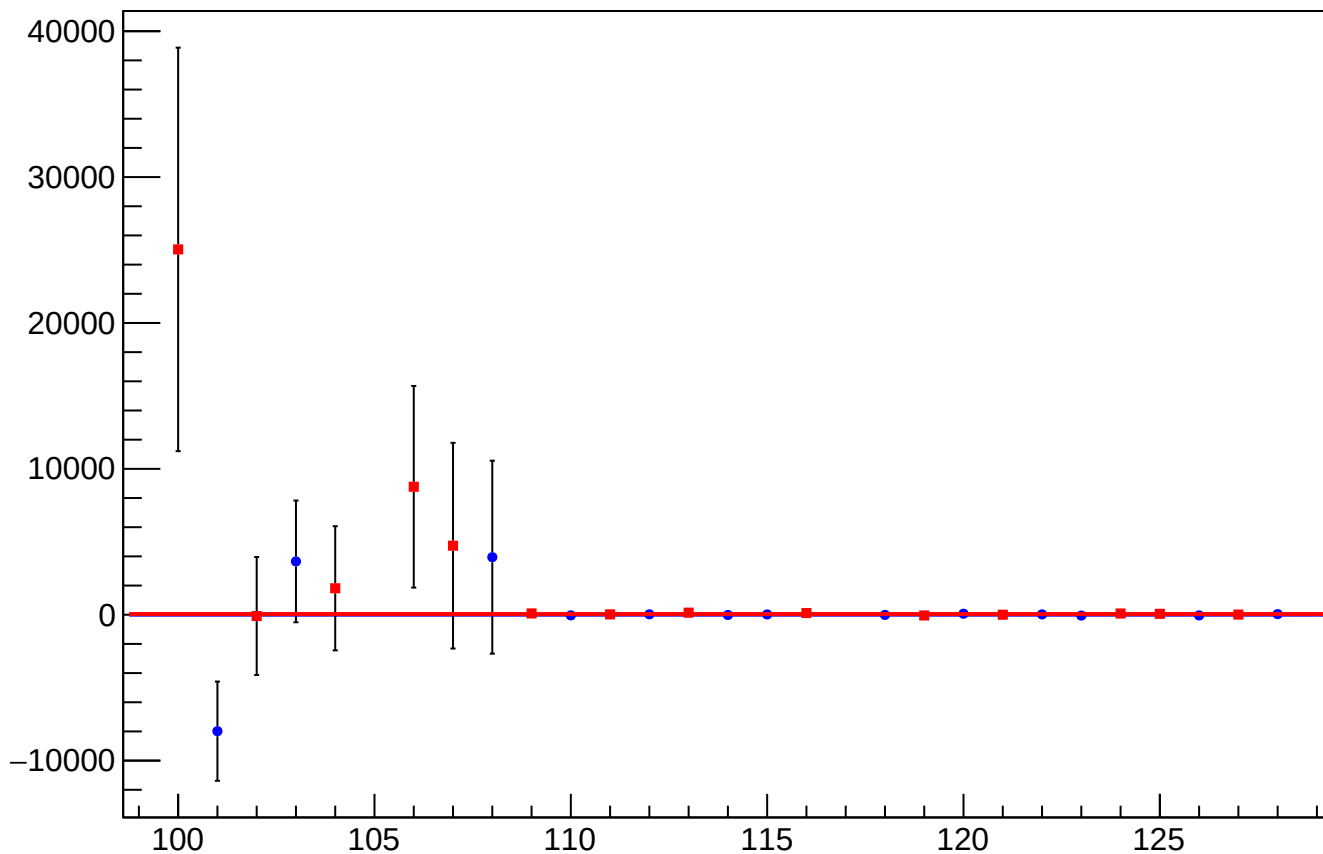
Right: 170.646+/-0.050 χ^2/NDF : 7405963.1/26

In: 178.702+/-0.074 χ^2/NDF :3394740.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 170.646+/-0.050 χ^2/NDF : 7405963.1/26

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 7.236+/-17.132 χ^2/NDF : 11.7/12

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

Right Out: 43.782+/-17.302 χ^2/NDF : 18.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

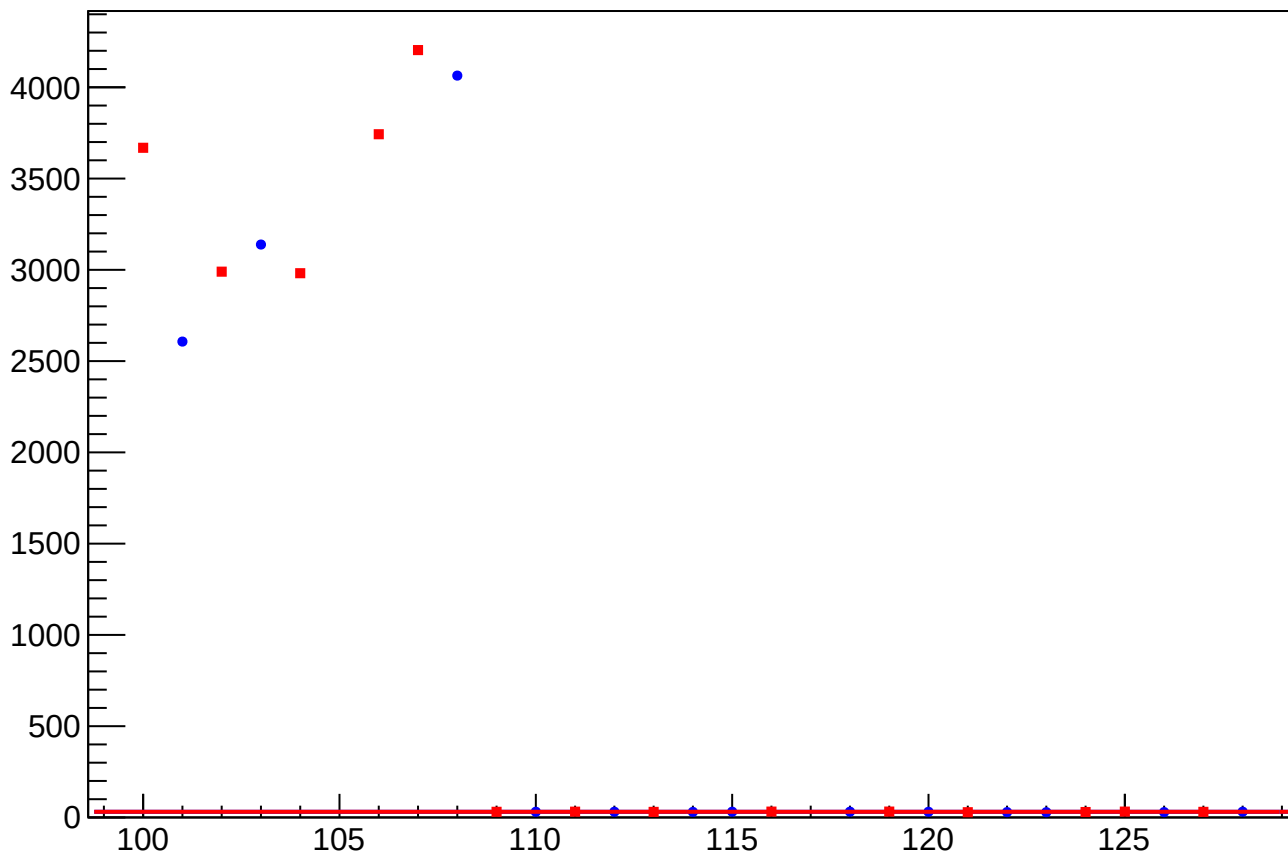
Right: 25.329+/-12.174 χ^2/NDF : 32.4/26

In: 7.236+/-17.132 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.329+/-12.174 χ^2/NDF : 32.4/26

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 30.929+/-0.012 χ^2/NDF : 3006203.3/12

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

Right Out: 31.080+/-0.012 χ^2/NDF : 3456209.8/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

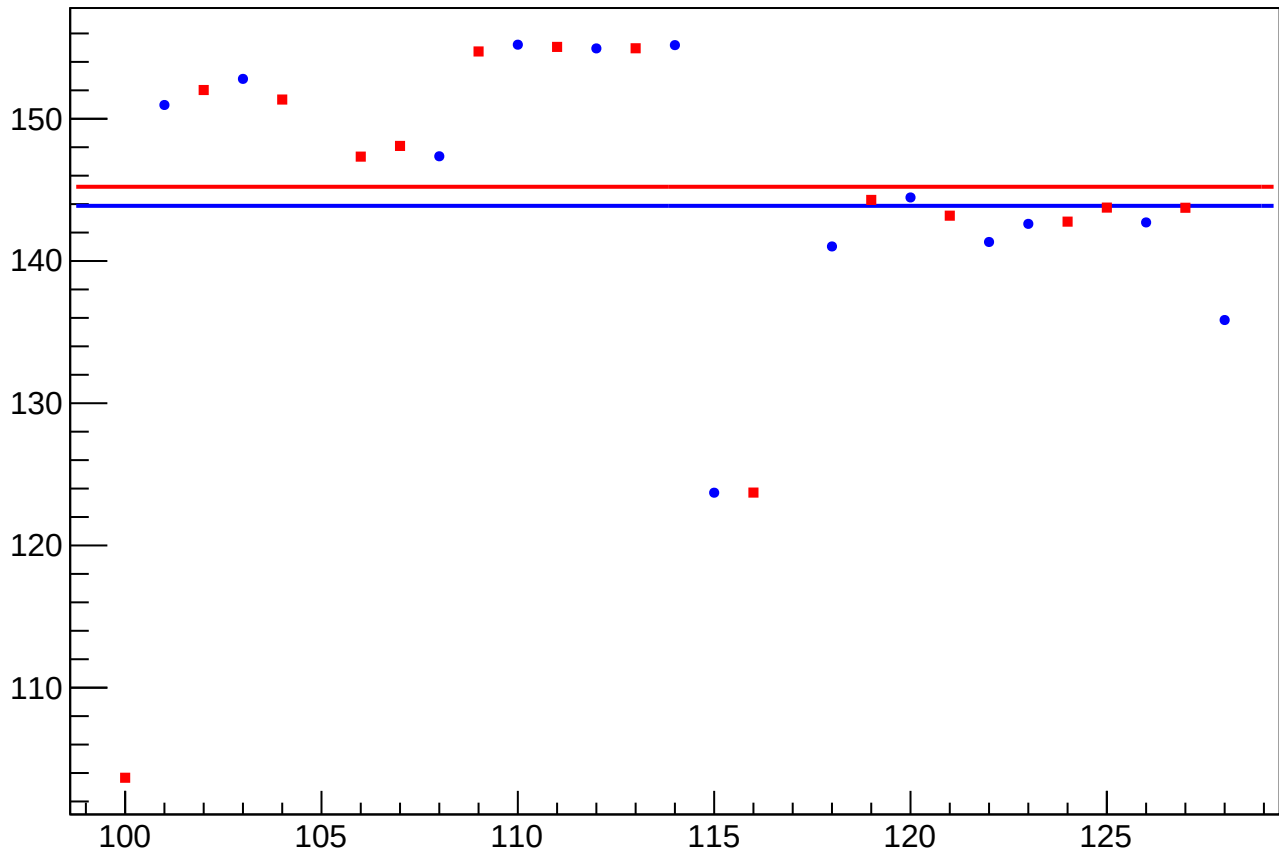
Right: 31.004+/-0.009 χ^2/NDF : 6462490.4/26

In: 30.929+/-0.012 χ^2/NDF :3006203.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

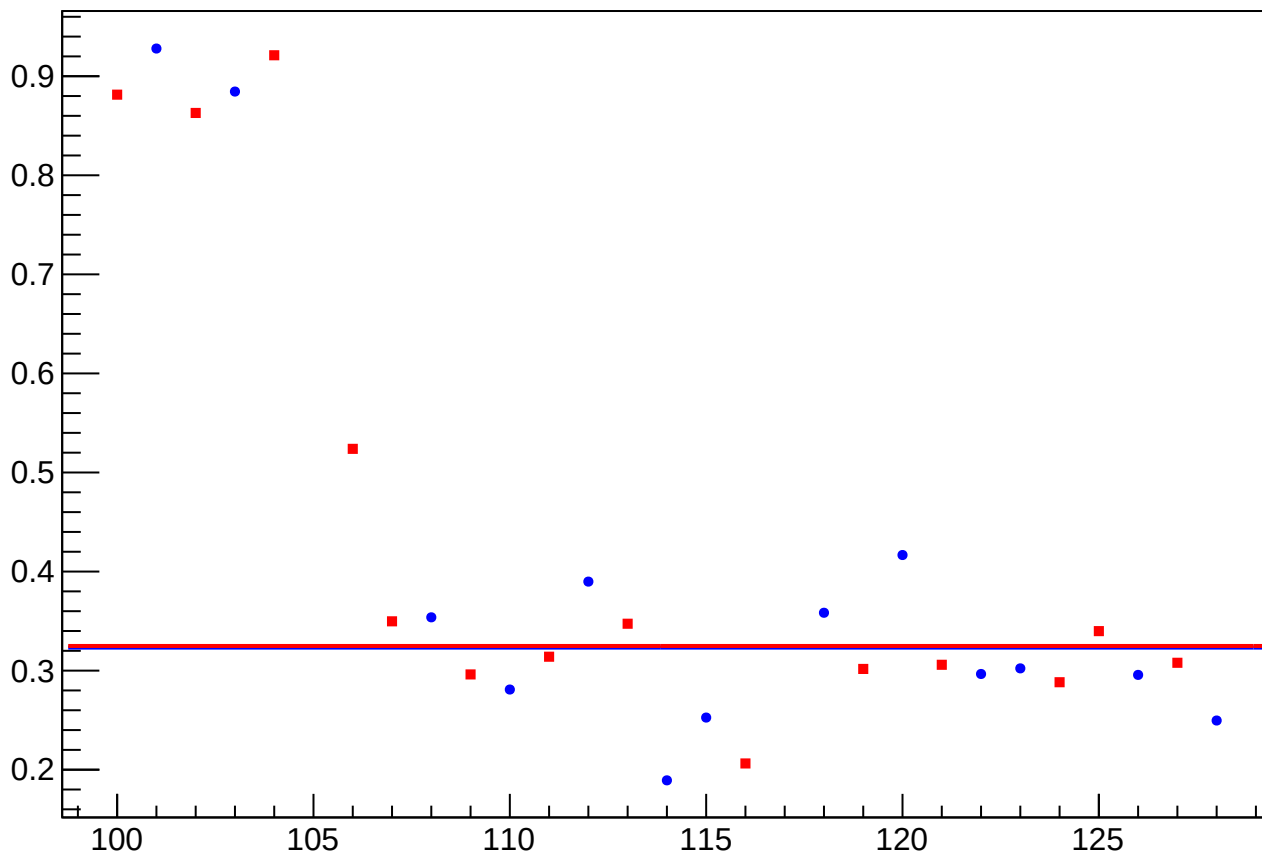
All: 31.004+/-0.009 χ^2/NDF : 6462490.4/26

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 143.879+/-0.000 χ^2/NDF : 2563063124.4/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 145.220+/-0.000 χ^2/NDF : 3894685696.2/13
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 144.578+/-0.000 χ^2/NDF : 6491462151.7

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.323+/-0.000 χ^2/NDF : 1212124.2/12

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

Right Out: 0.325+/-0.000 χ^2/NDF : 1118725.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

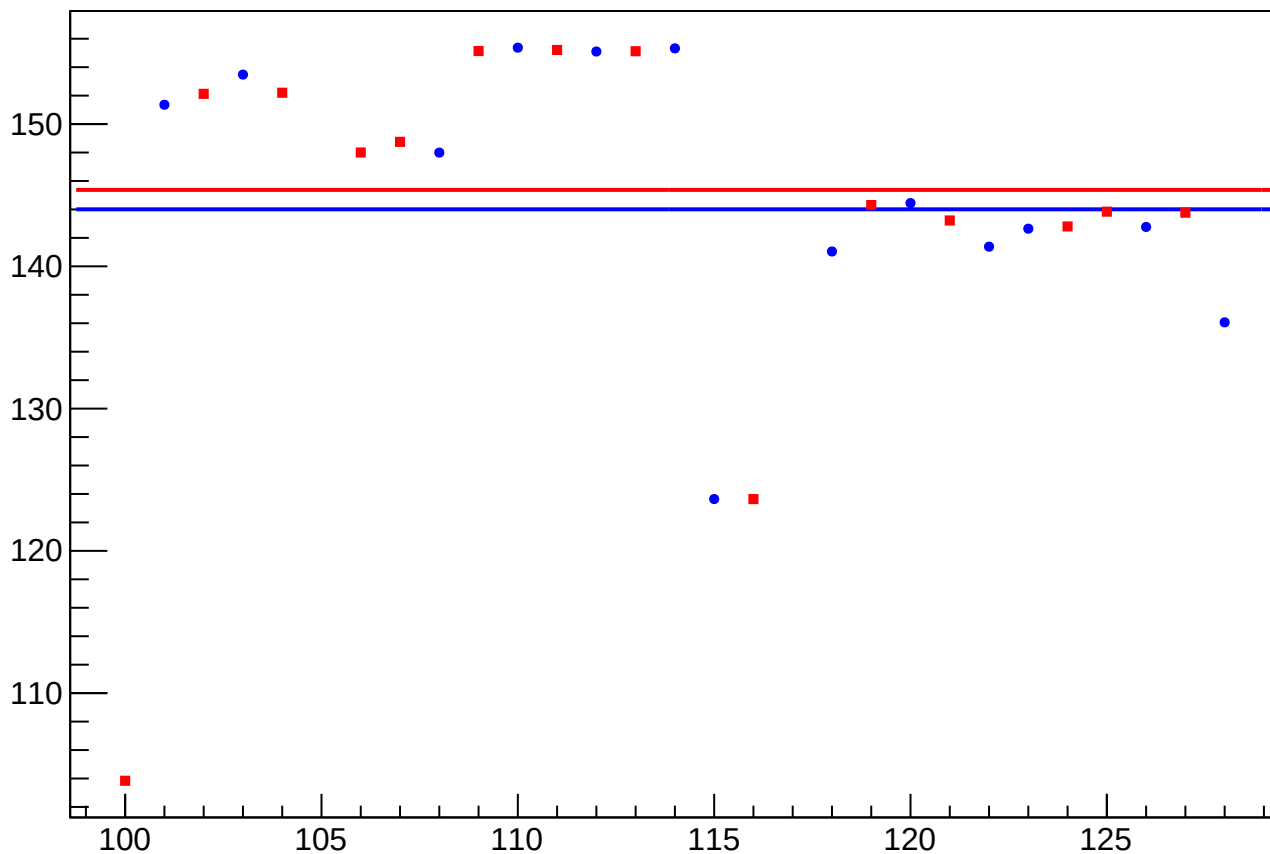
Right: 0.324+/-0.000 χ^2/NDF : 2330950.7/26

In: 0.323+/-0.000 χ^2/NDF : 1212124.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

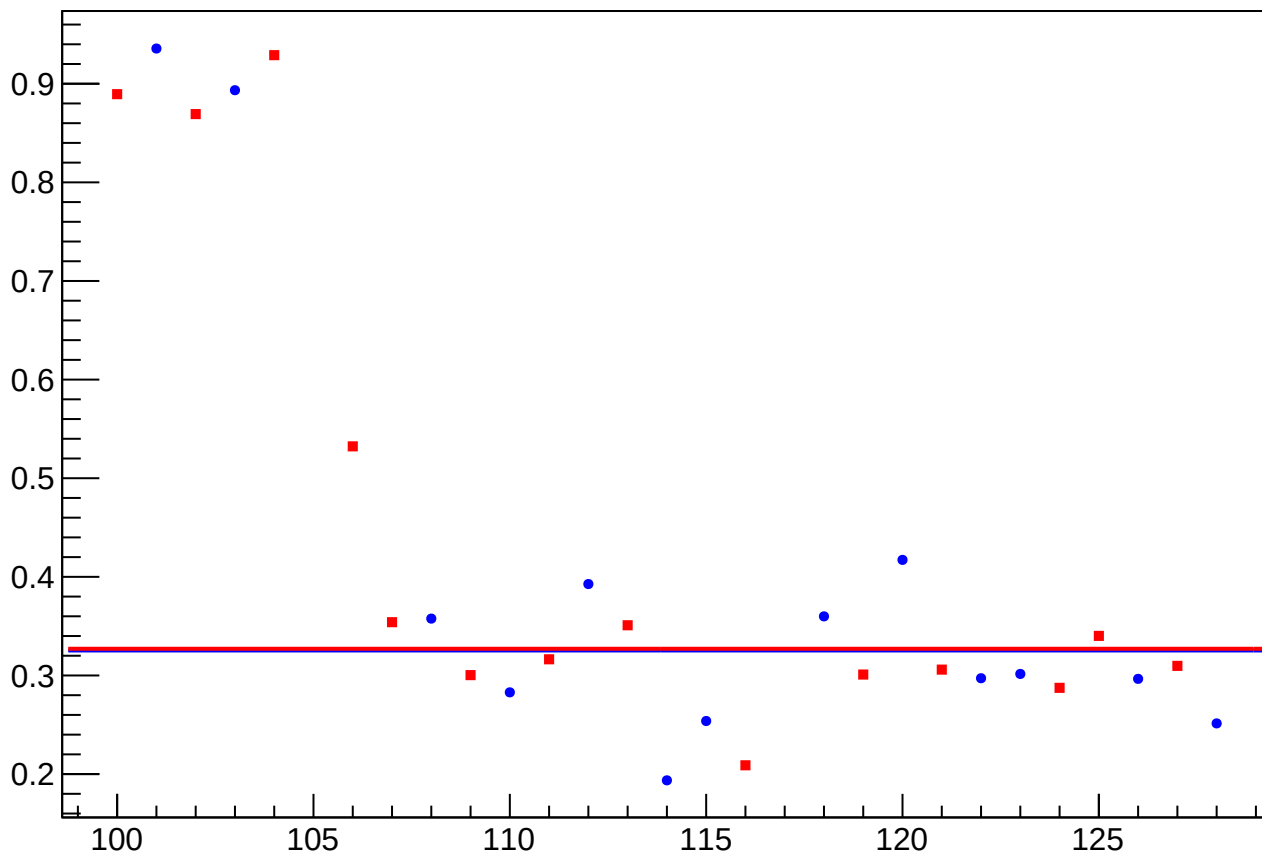
All: 0.324+/-0.000 χ^2/NDF : 2330950.7/26

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 144.008 $\pm$ 0.000 χ^2 /NDF: 2559099371.3/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 145.373 $\pm$ 0.000 χ^2 /NDF: 3909128019.7/13
 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: 144.720 $\pm$ 0.000 χ^2 /NDF: 6502735075.8/26
 In: 144.008 $\pm$ 0.000 χ^2 /NDF:2559099371.3/12
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 144.720 $\pm$ 0.000 χ^2 /NDF: 6502735075.8

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.325+/-0.000 χ^2/NDF : 1209675.4/12

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

Right Out: 0.327+/-0.000 χ^2/NDF : 1120077.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

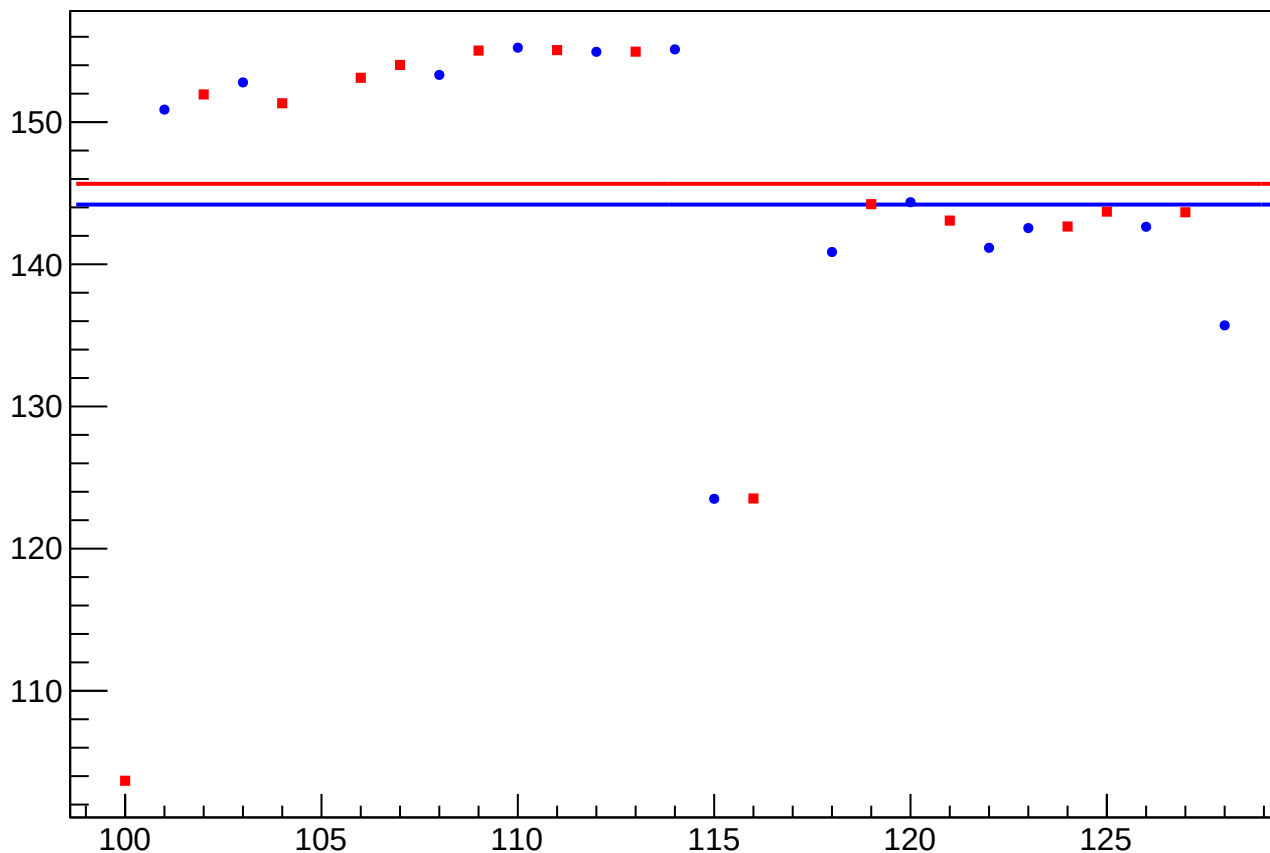
Right: 0.326+/-0.000 χ^2/NDF : 2329863.1/26

In: 0.325+/-0.000 χ^2/NDF : 1209675.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

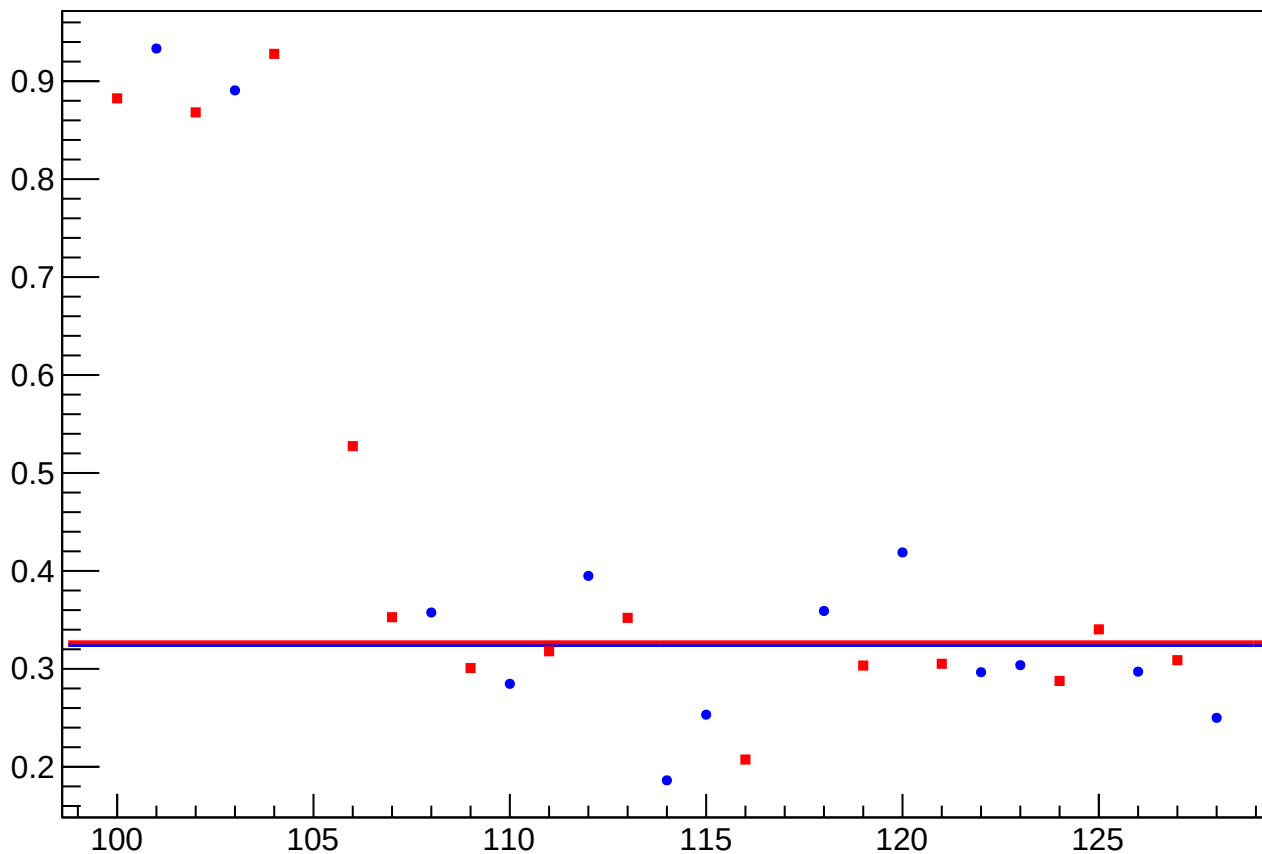
All: 0.326+/-0.000 χ^2/NDF : 2329863.1/26

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 144.200+/-0.000 χ^2/NDF : 2786878630.1/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 145.660+/-0.000 χ^2/NDF : 4146094358.0/13
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 144.960+/-0.000 χ^2/NDF : 6972485098.5

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.324+/-0.000 χ^2/NDF : 1224779.1/12

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

Right Out: 0.327+/-0.000 χ^2/NDF : 1120553.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

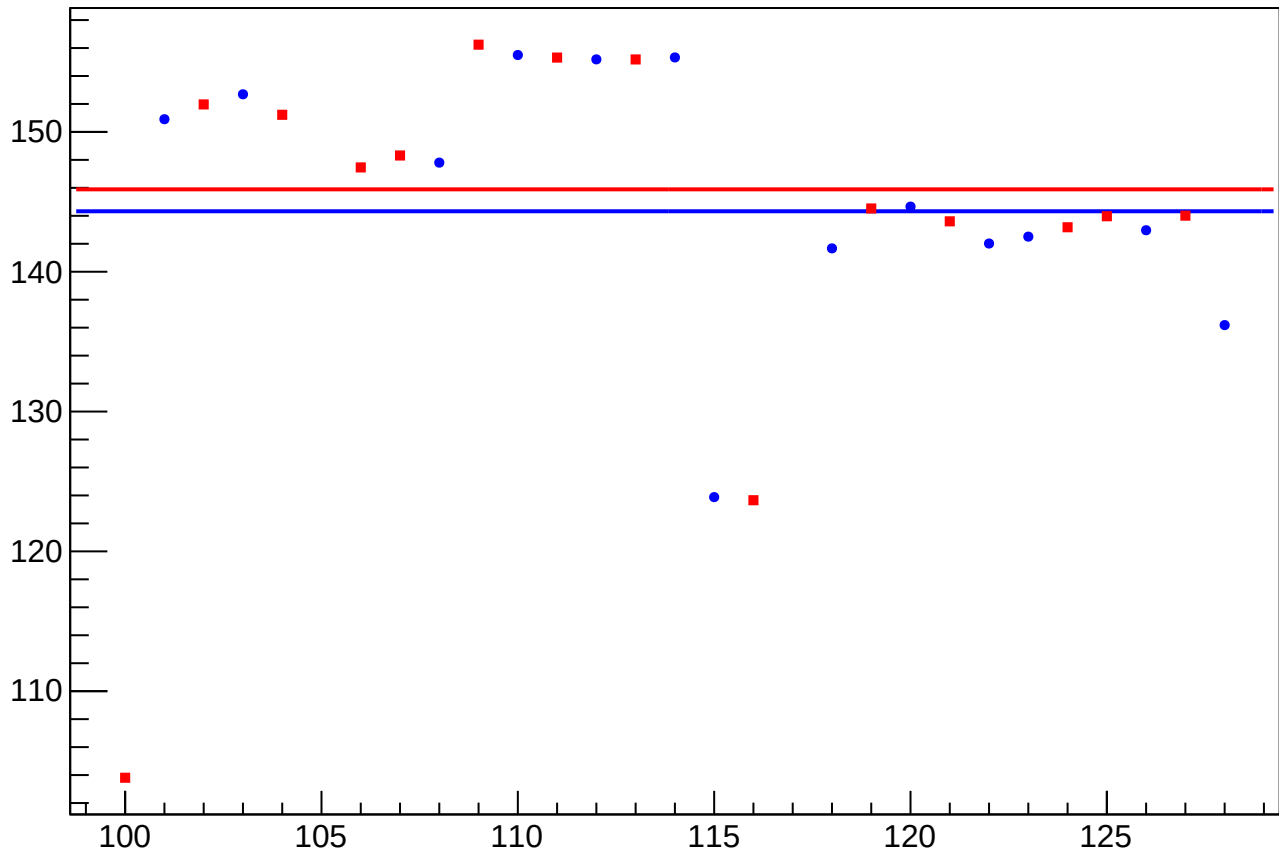
Right: 0.326+/-0.000 χ^2/NDF : 2345604.1/26

In: 0.324+/-0.000 χ^2/NDF : 1224779.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

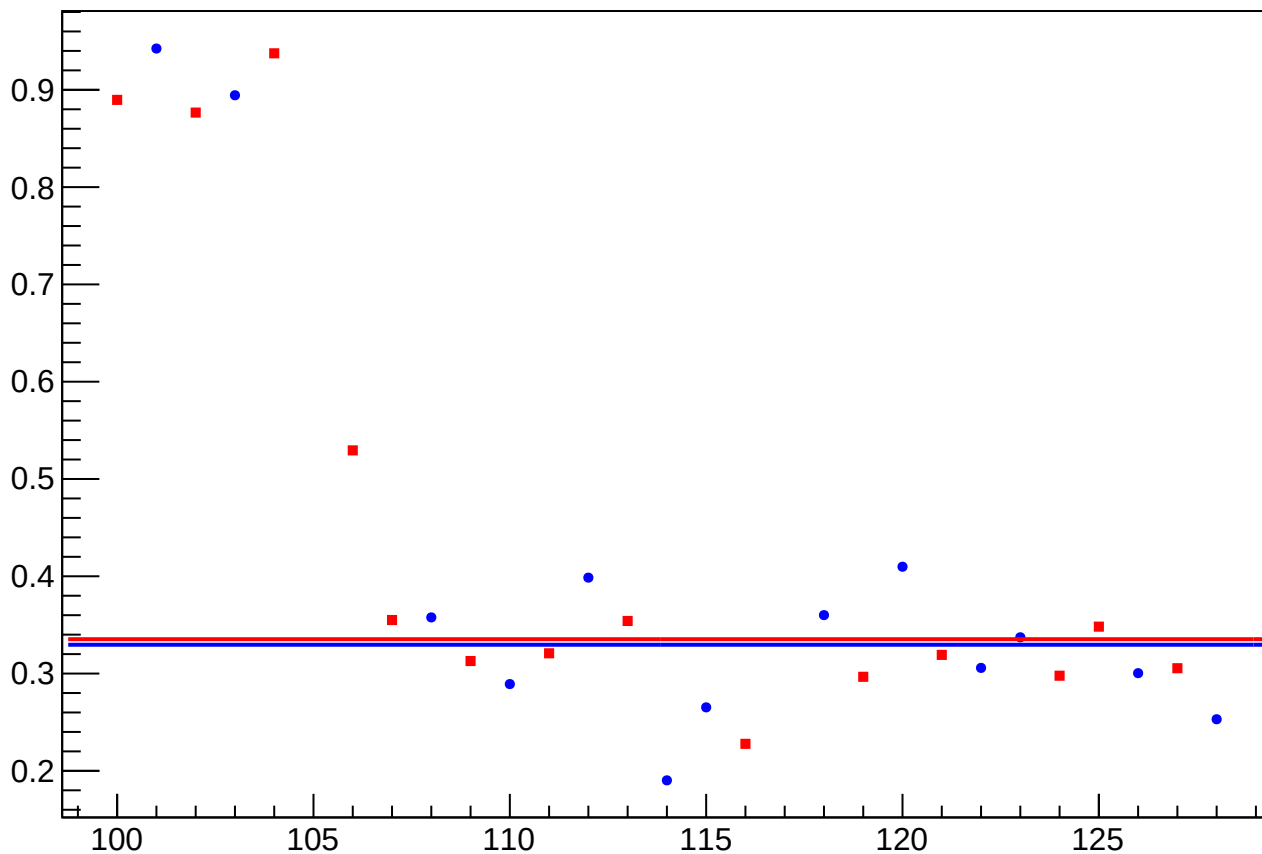
All: 0.326+/-0.000 χ^2/NDF : 2345604.1/26

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 144.325+/-0.000 χ^2/NDF : 2359113781.6/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 145.893+/-0.000 χ^2/NDF : 3561442933.2/13
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 145.136+/-0.000 χ^2/NDF : 5964424771.3

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.330+/-0.000 χ^2/NDF : 1196510.0/12

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

Right Out: 0.335+/-0.000 χ^2/NDF : 1059807.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

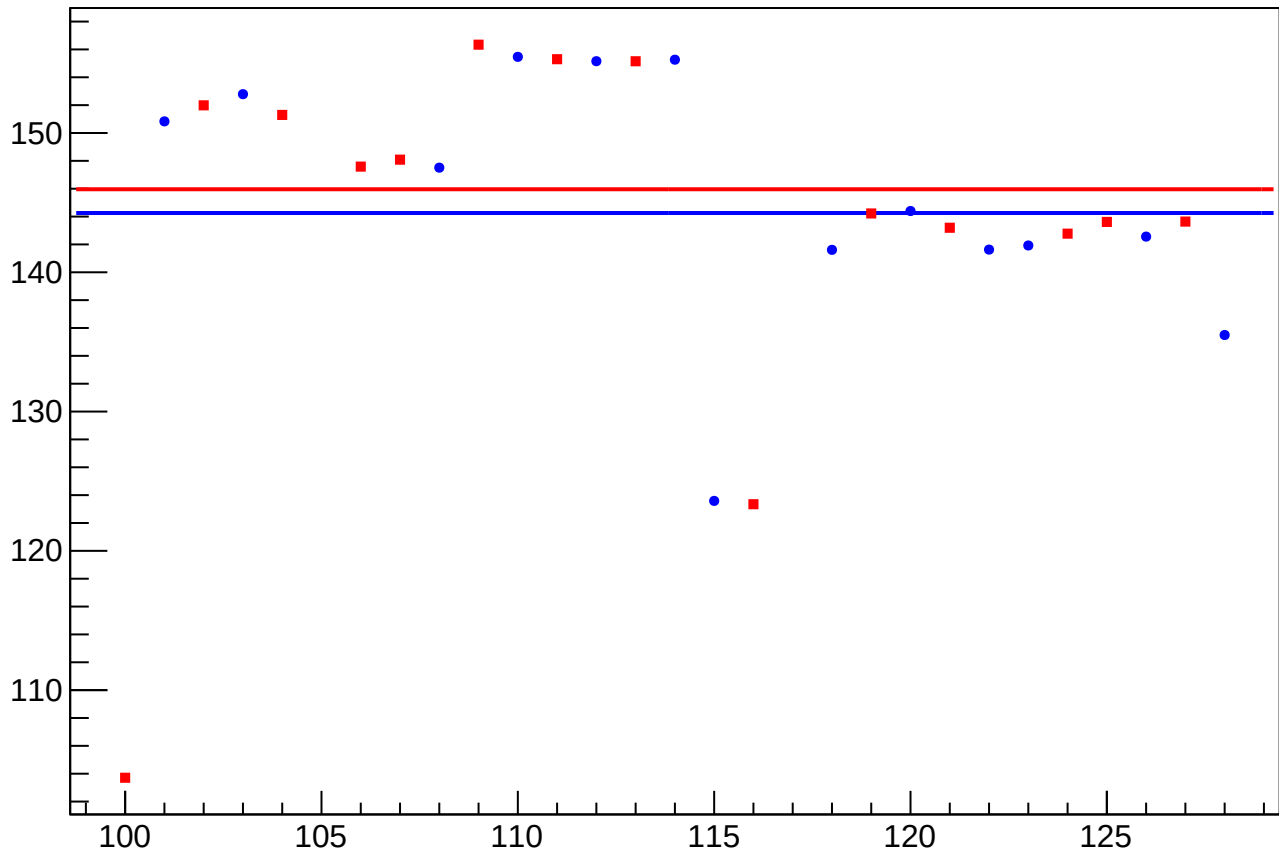
Right: 0.333+/-0.000 χ^2/NDF : 2257474.7/26

In: 0.330+/-0.000 χ^2/NDF : 1196510.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

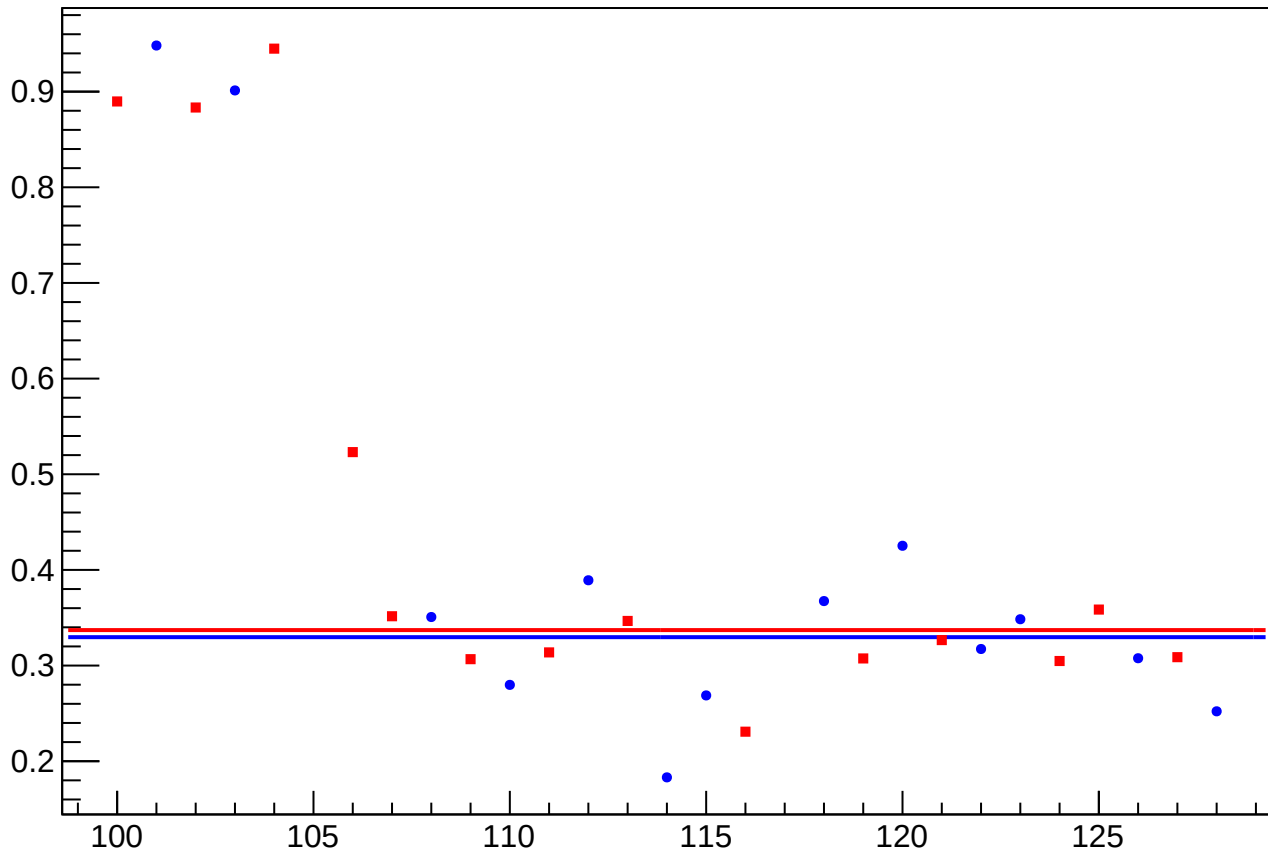
All: 0.333+/-0.000 χ^2/NDF : 2257474.7/26

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 144.255+/-0.000 χ^2/NDF : 2495076861.0/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 145.961+/-0.000 χ^2/NDF : 3624044208.1/13
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 145.135+/-0.000 χ^2/NDF : 6170638863.9

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.330+/-0.000 χ^2/NDF : 1222879.9/12

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

Right Out: 0.337+/-0.000 χ^2/NDF : 1047846.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

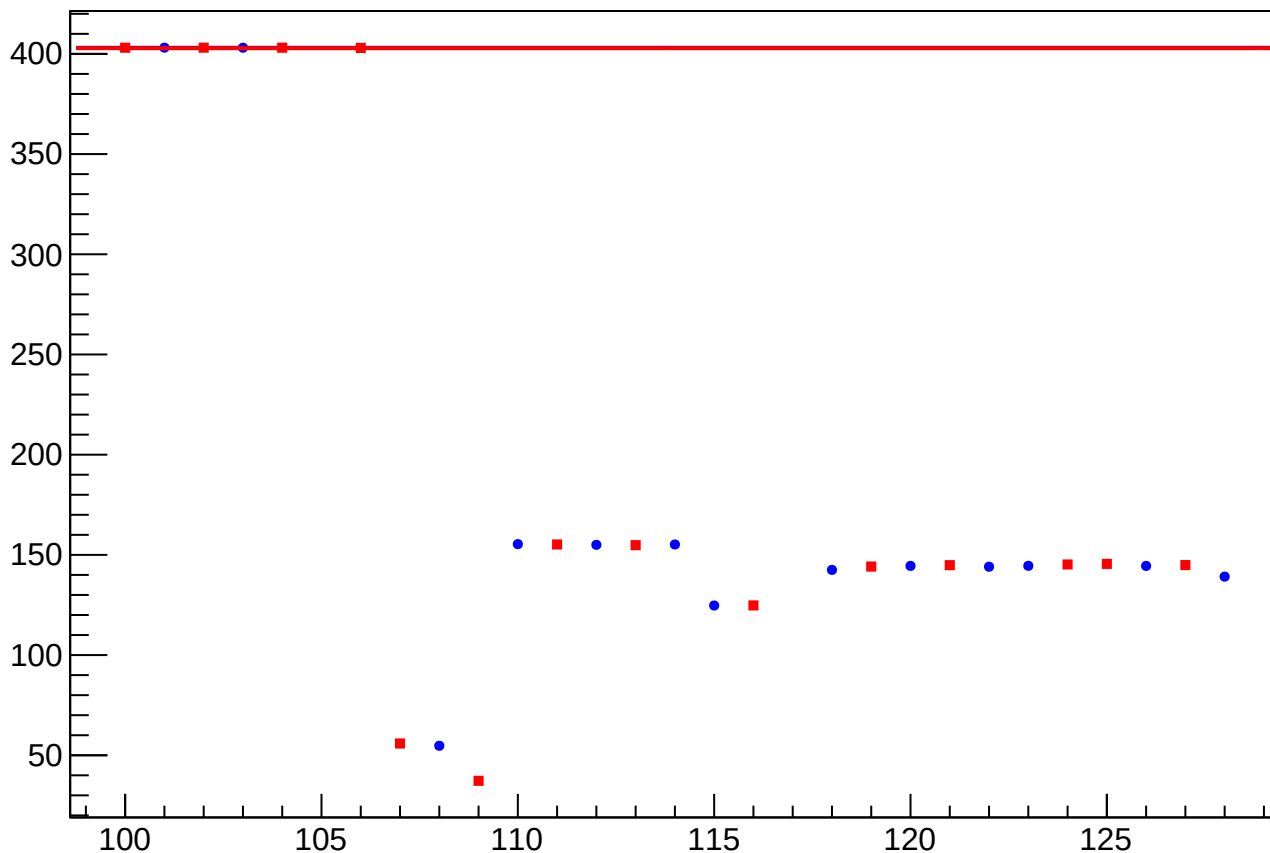
Right: 0.334+/-0.000 χ^2/NDF : 2272666.1/26

In: 0.330+/-0.000 χ^2/NDF : 1222879.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

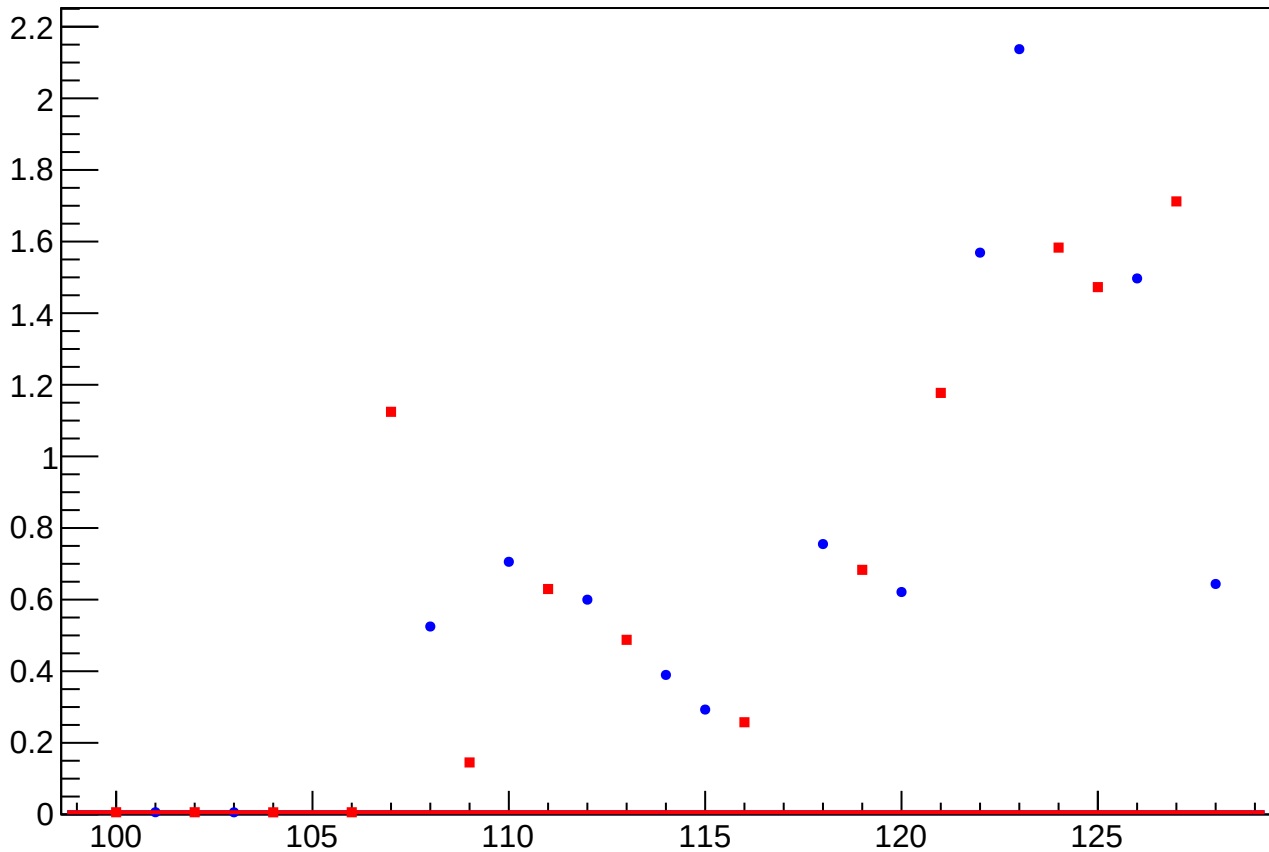
All: 0.334+/-0.000 χ^2/NDF : 2272666.1/26

yield_cav4bQ_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: 403.025+/-0.000 χ^2/NDF : 552867367719.0/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 402.933+/-0.000 χ^2/NDF : 3172504976498.8
 In: 403.025+/-0.000 χ^2/NDF : 552867367719.0/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 402.933+/-0.000 χ^2/NDF : 317250497649

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 5713828.2/12

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

Right Out: 0.006+/-0.000 χ^2/NDF : 6013691.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

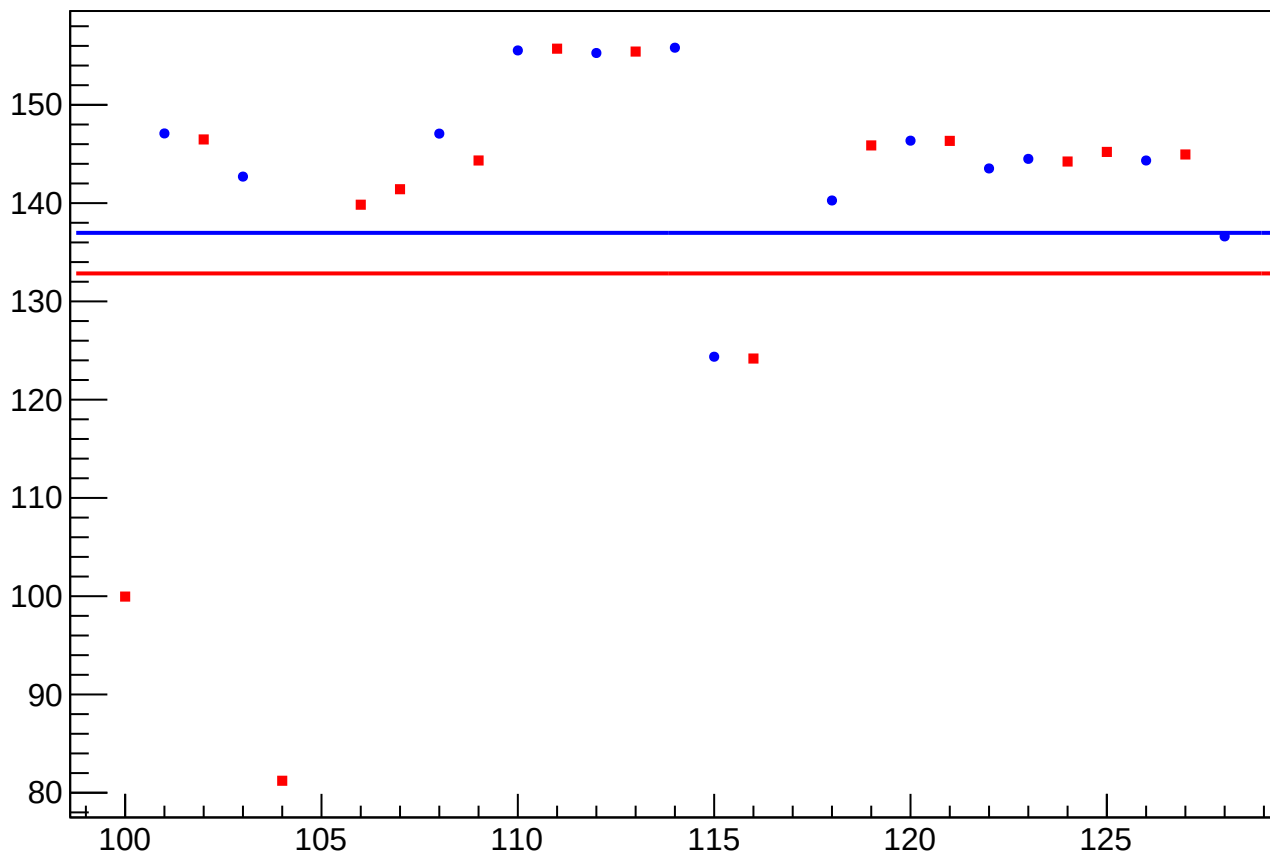
Right: 0.006+/-0.000 χ^2/NDF : 11727525.1/26

In: 0.006+/-0.000 χ^2/NDF : 5713828.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

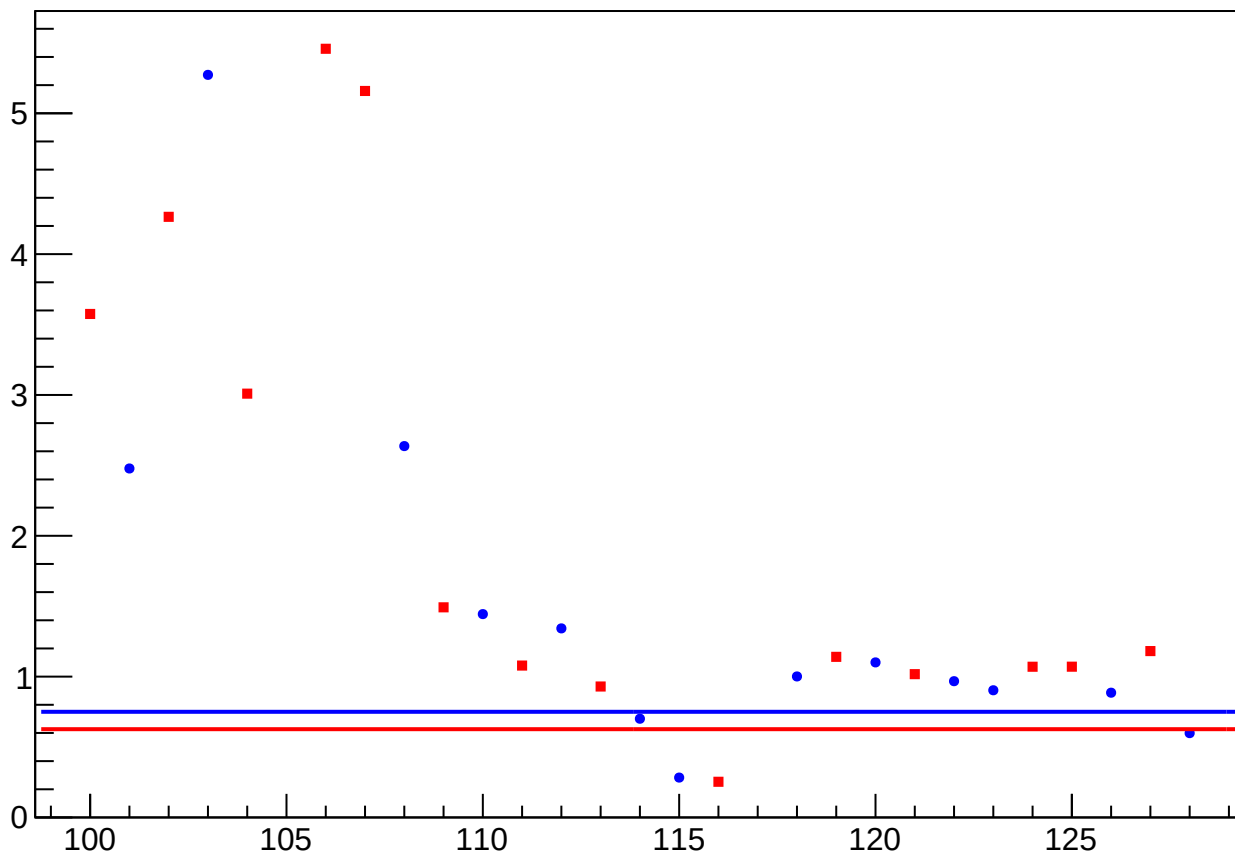
All: 0.006+/-0.000 χ^2/NDF : 11727525.1/26

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 136.974+/-0.000 χ^2/NDF : 509270303.9/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 132.845+/-0.000 χ^2/NDF : 985189162.7/13
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 134.661+/-0.000 χ^2/NDF : 1538649719.0/26

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.750+/-0.000 χ^2/NDF : 2828633.2/12

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

Right Out: 0.627+/-0.000 χ^2/NDF : 4395398.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

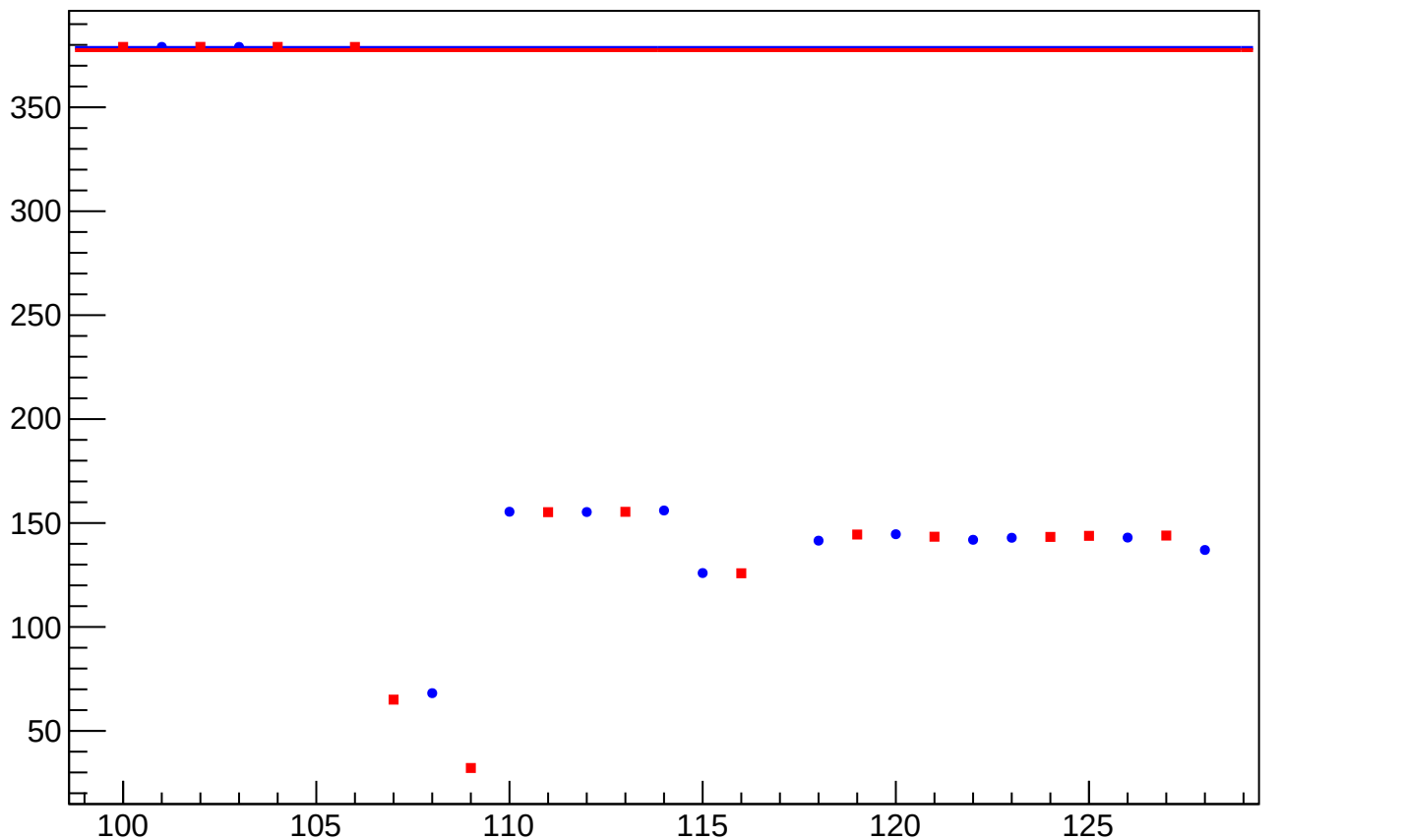
Right: 0.681+/-0.000 χ^2/NDF : 7303069.5/26

In: 0.750+/-0.000 χ^2/NDF : 2828633.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

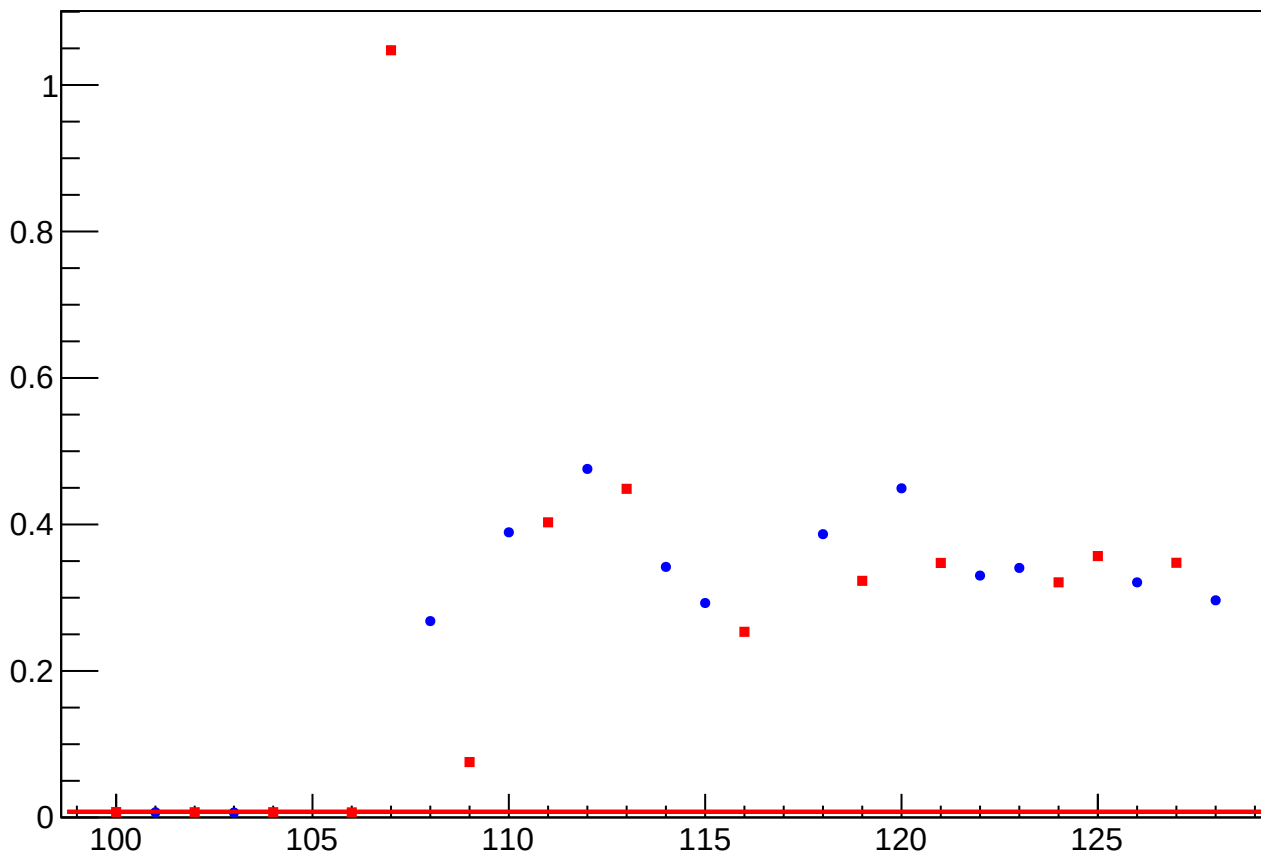
All: 0.681+/-0.000 χ^2/NDF : 7303069.5/26

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 378.539 $\pm$ 0.000 χ^2 /NDF: 1707337558236.6/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 377.484 $\pm$ 0.000 χ^2 /NDF: 7586681564133.6/13
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 377.977 $\pm$ 0.000 χ^2 /NDF: 9301908337660.9

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 6264249.1/12

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

Right Out: 0.008+/-0.000 χ^2/NDF : 6073144.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

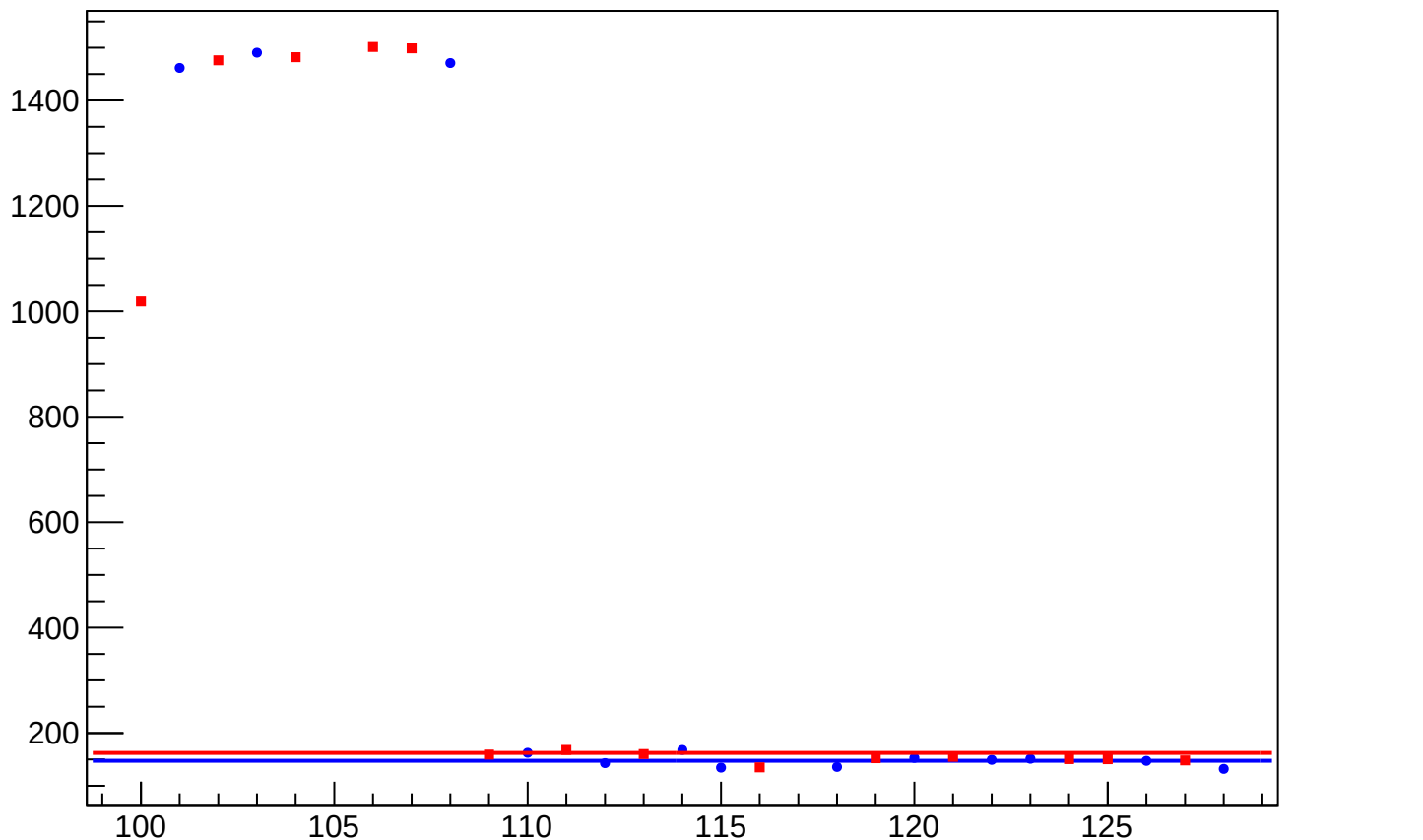
Right: 0.008+/-0.000 χ^2/NDF : 12337532.3/26

In: 0.008+/-0.000 χ^2/NDF : 6264249.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

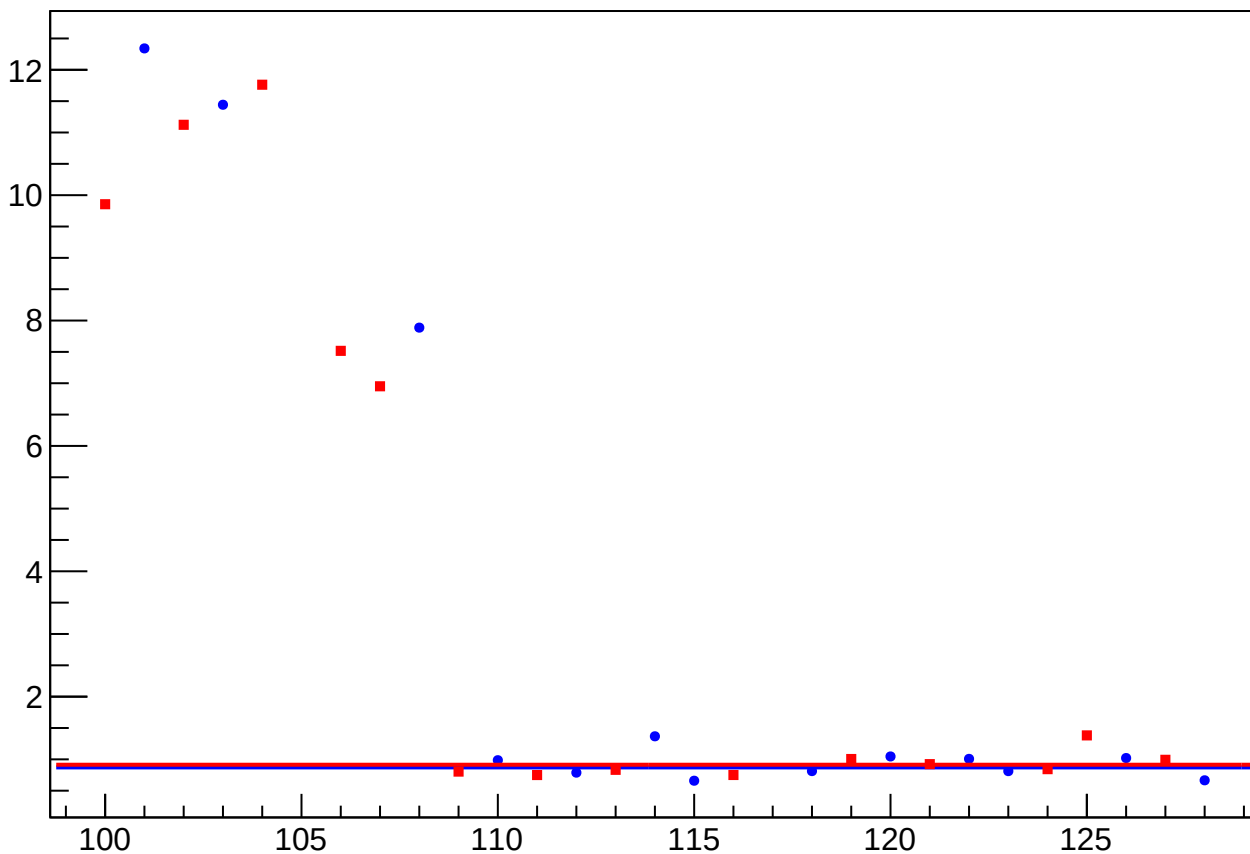
All: 0.008+/-0.000 χ^2/NDF : 12337532.3/26

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 147.474+/-0.001 χ^2/NDF : 24318094700.4/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 162.347+/-0.001 χ^2/NDF : 32956962391.5/13
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 154.770+/-0.000 χ^2/NDF : 57647629453.9/26

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.871+/-0.000 χ^2/NDF : 2638277.3/12

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

Right Out: 0.914+/-0.000 χ^2/NDF : 2742990.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

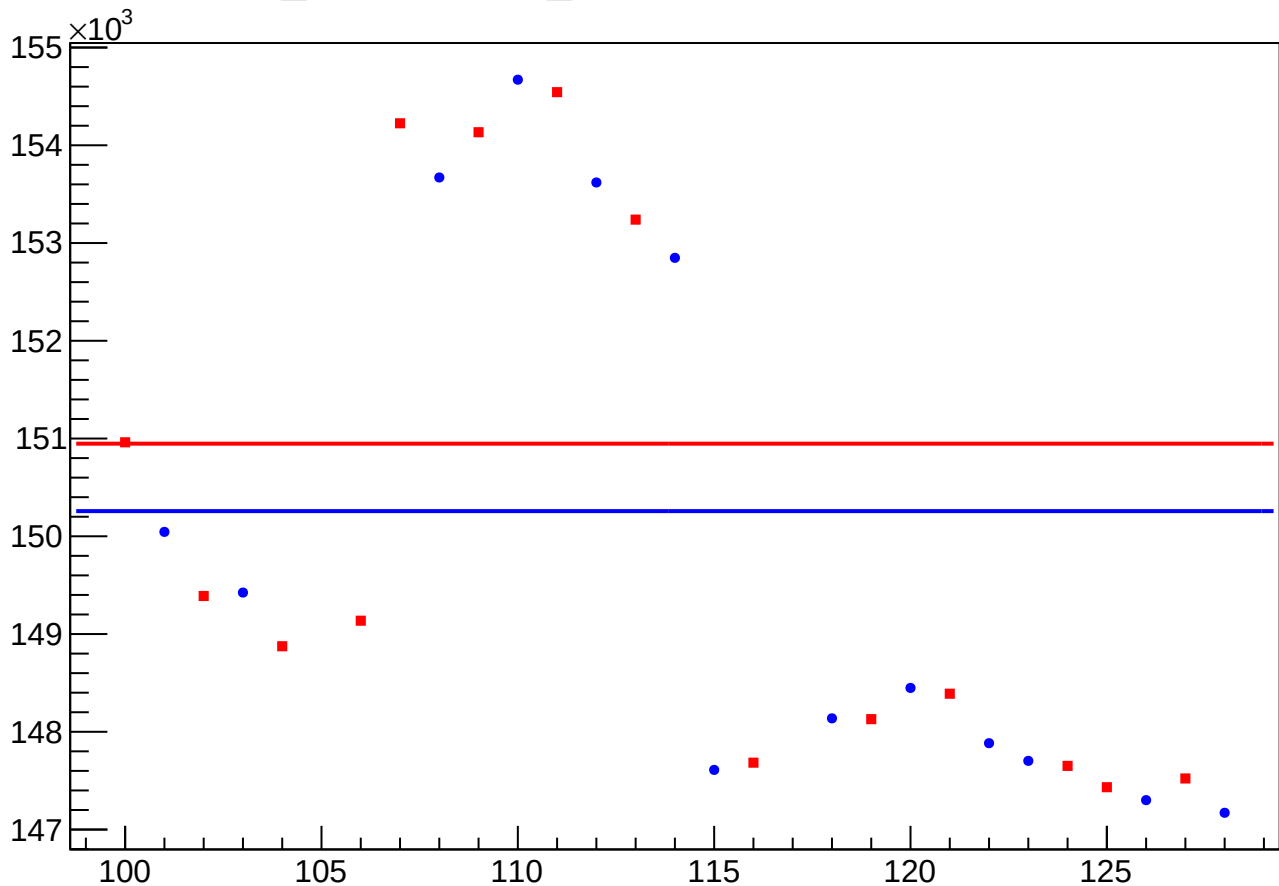
Right: 0.892+/-0.000 χ^2/NDF : 5387463.0/26

In: 0.871+/-0.000 χ^2/NDF : 2638277.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

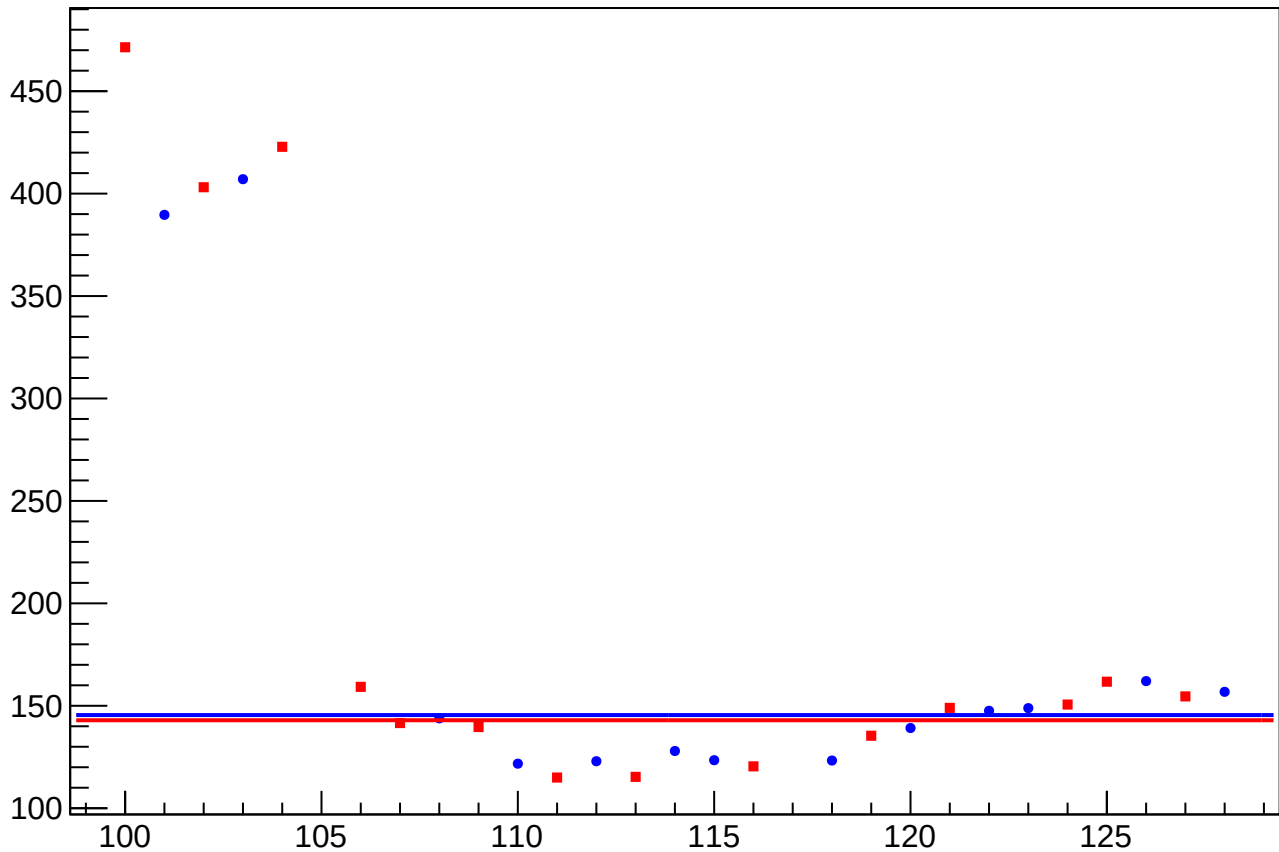
All: 0.892+/-0.000 χ^2/NDF : 5387463.0/26

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 150257.499+/-0.072 χ^2 /NDF: 1673305337.7/12
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 150623.930+/-0.049 χ^2 /NDF: 3706558730.7/12
 In: 150257.499+/-0.072 χ^2 /NDF: 1673305337.7/12
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 150623.930+/-0.049 χ^2 /NDF: 3706558730.7/12

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 145.474+/-0.051 χ^2/NDF : 1039708.8/12

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

Right Out: 142.940+/-0.048 χ^2/NDF : 1091871.7/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

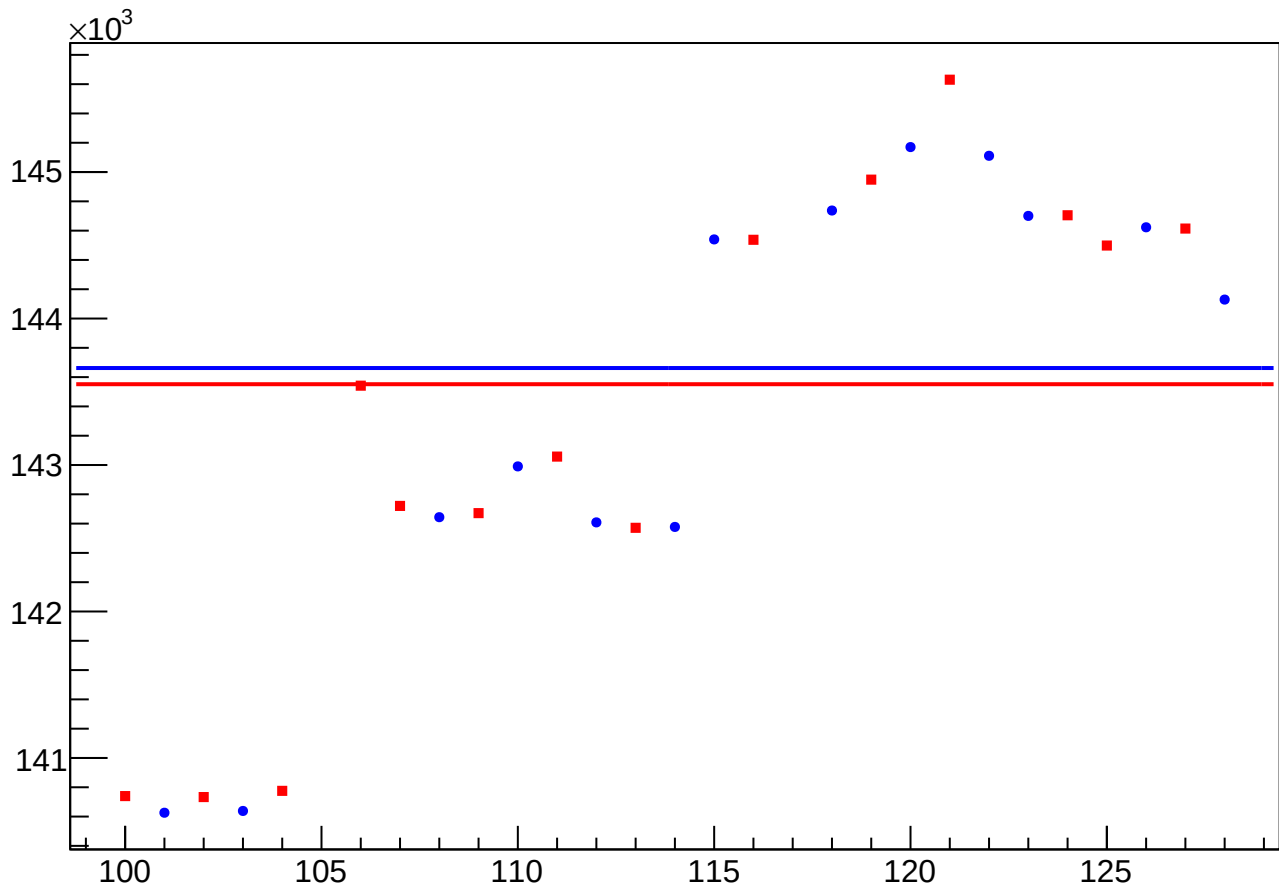
Right: 144.128+/-0.035 χ^2/NDF : 2132885.9/26

In: 145.474+/-0.051 χ^2/NDF :1039708.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 144.128+/-0.035 χ^2/NDF : 2132885.9/26

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 143662.112+/-0.060 χ^2 /NDF: 368402307.1/12

Right: 143602.270+/-0.041 χ^2 /NDF: 772313414.5/2

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

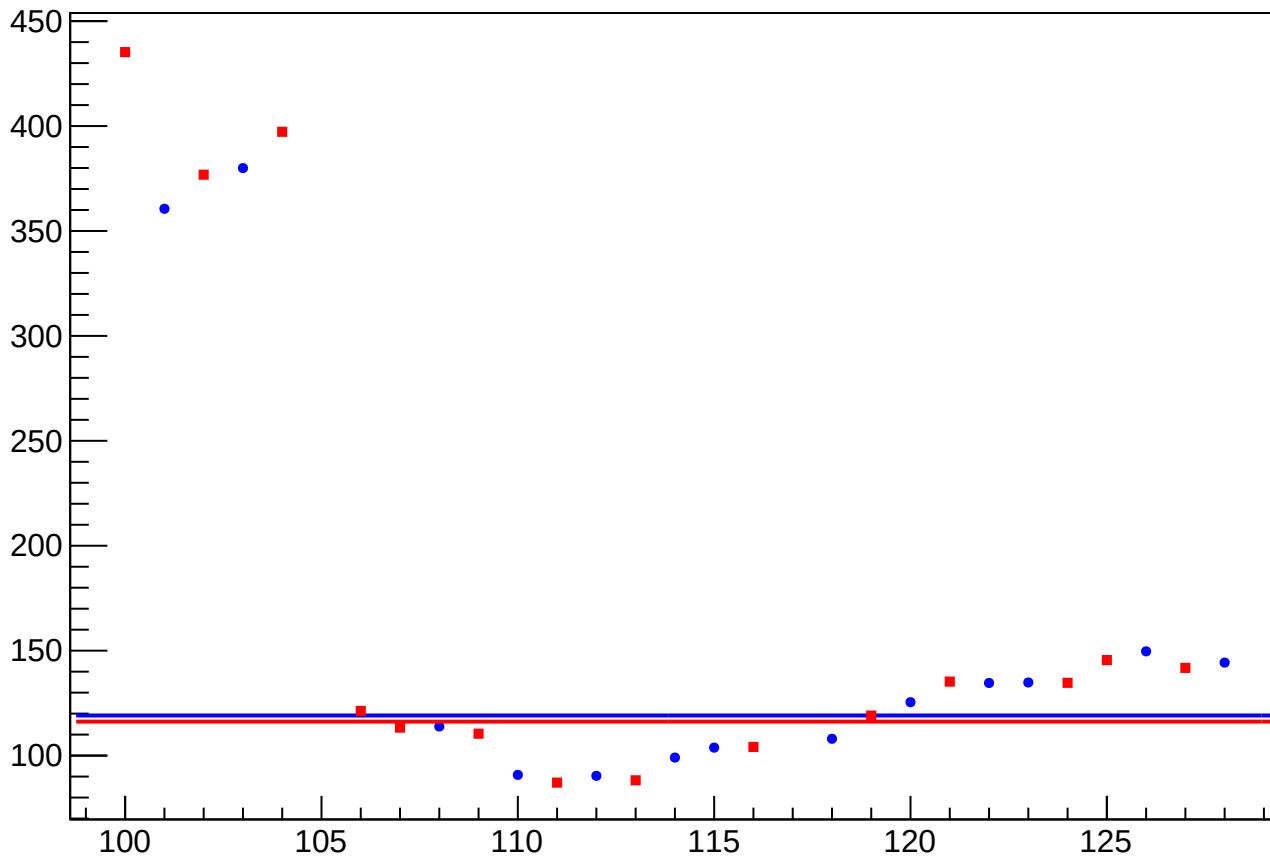
Right Out: 143551.636+/-0.055 χ^2 /NDF: 402083987.7/13

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 143602.270+/-0.041 χ^2 /NDF: 772313414

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 119.112 $\pm$ 0.043 χ^2 /NDF: 1306443.9/12

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

Right Out: 116.184 $\pm$ 0.039 χ^2 /NDF: 1353371.6/13

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

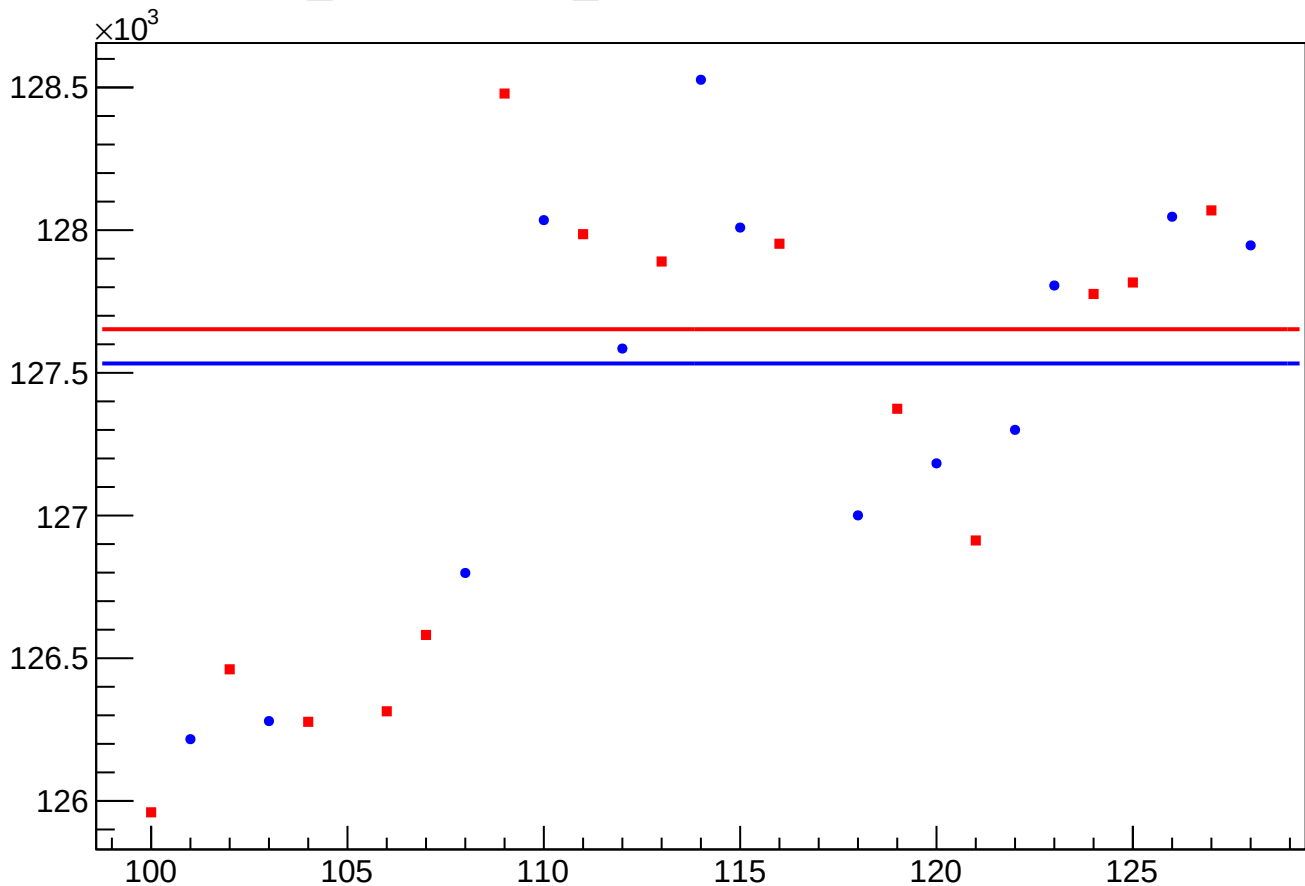
Right: 117.526 $\pm$ 0.029 χ^2 /NDF: 2662381.4/26

In: 119.112 $\pm$ 0.043 χ^2 /NDF:1306443.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

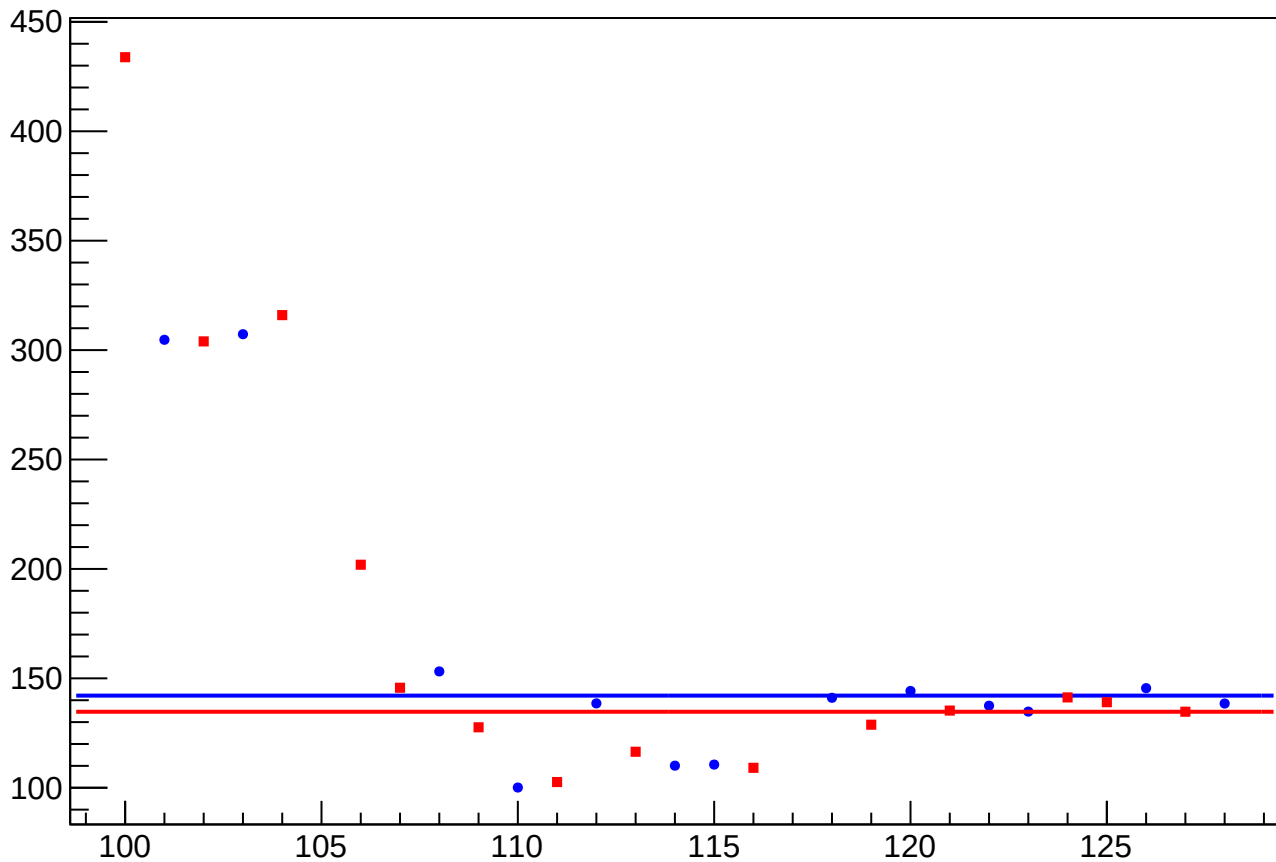
All: 117.526 $\pm$ 0.029 χ^2 /NDF: 2662381.4/26

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127532.847 $\pm$ 0.070 χ^2 /NDF: 66639843.1/12
 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: 127599.141 $\pm$ 0.047 χ^2 /NDF: 163775651.7/2
 Right Out: 127652.873 $\pm$ 0.063 χ^2 /NDF: 95513893.6/13
 In: 127532.847 $\pm$ 0.070 χ^2 /NDF: 66639843.1/12
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 127599.141 $\pm$ 0.047 χ^2 /NDF: 163775651.7/2

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 142.104 $\pm$ 0.050 χ^2 /NDF: 822824.5/12

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

Right Out: 134.728 $\pm$ 0.045 χ^2 /NDF: 924296.6/13

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

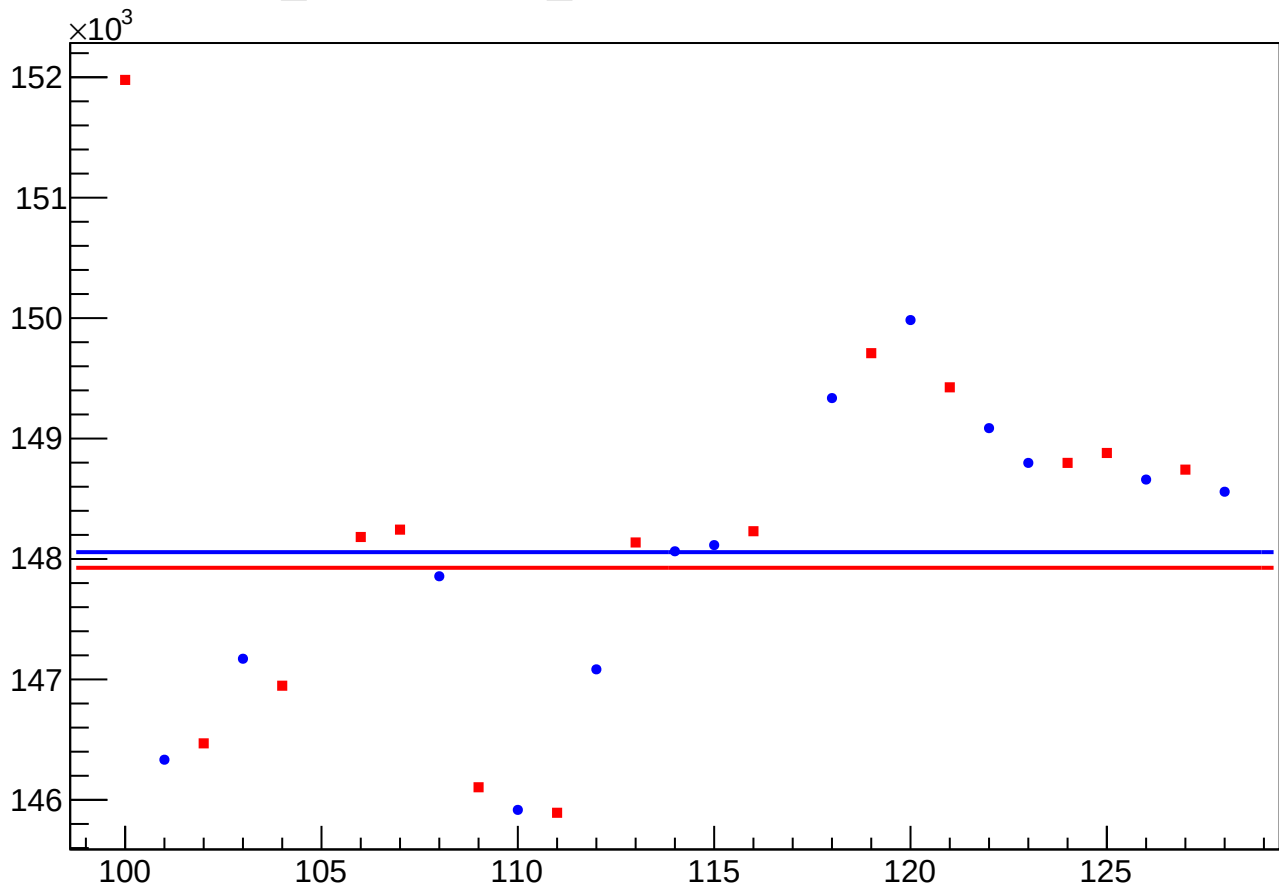
Right: 138.030 $\pm$ 0.033 χ^2 /NDF: 1759372.5/26

In: 142.104 $\pm$ 0.050 χ^2 /NDF:822824.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 138.030 $\pm$ 0.033 χ^2 /NDF: 1759372.5/26

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 148056.814+/-0.104 χ^2 /NDF: 106701568.5/12

Right: 147983.511+/-0.069 χ^2 /NDF: 310538432.6/2

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

Right Out: 147926.951+/-0.091 χ^2 /NDF: 202958961.3/13

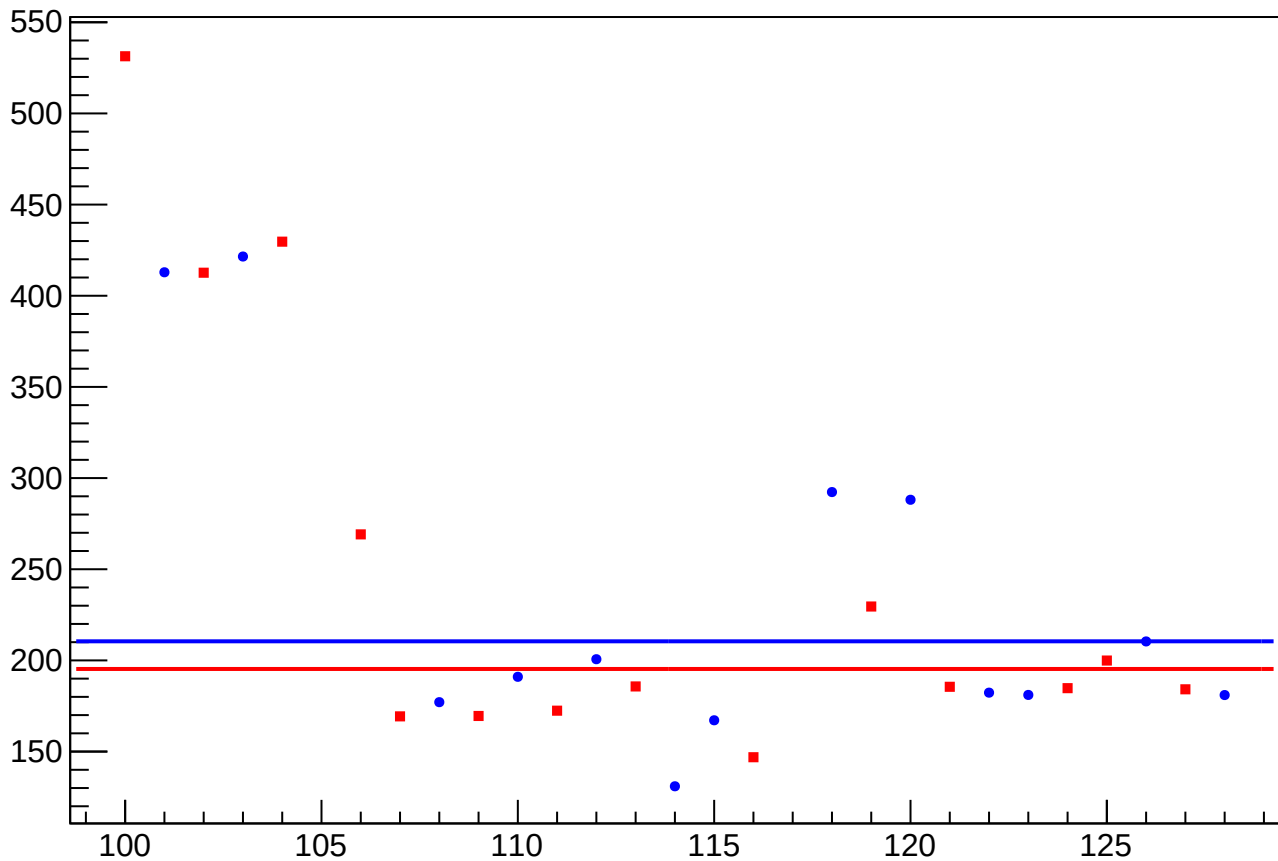
In: 148056.814+/-0.104 χ^2 /NDF: 106701568.5/12

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

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 147983.511+/-0.069 χ^2 /NDF: 310538432.6/2

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 210.470+/-0.074 χ^2/NDF : 861801.5/12

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

Right Out: 195.303+/-0.065 χ^2/NDF : 820848.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

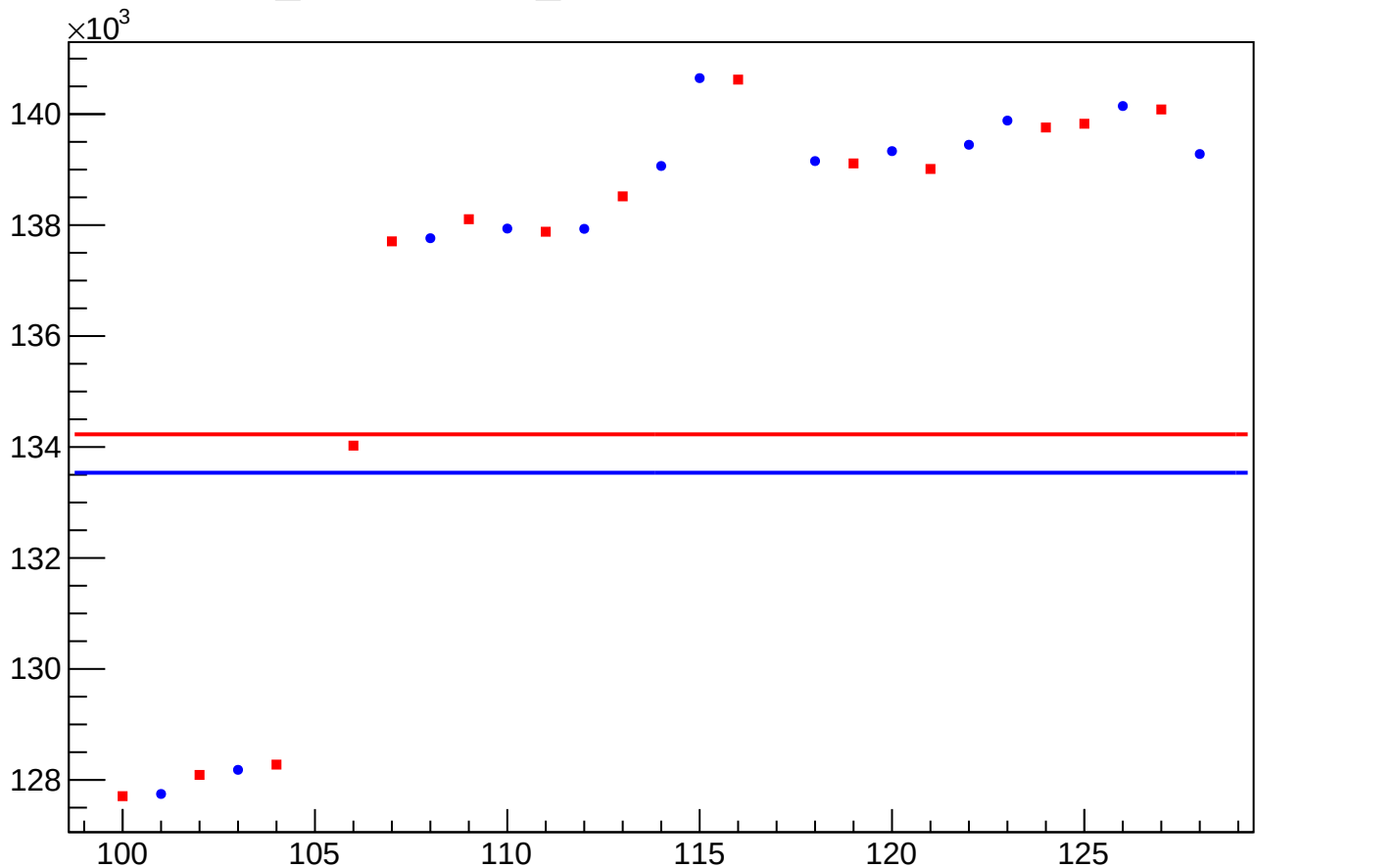
Right: 201.909+/-0.049 χ^2/NDF : 1706601.0/26

In: 210.470+/-0.074 χ^2/NDF : 861801.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

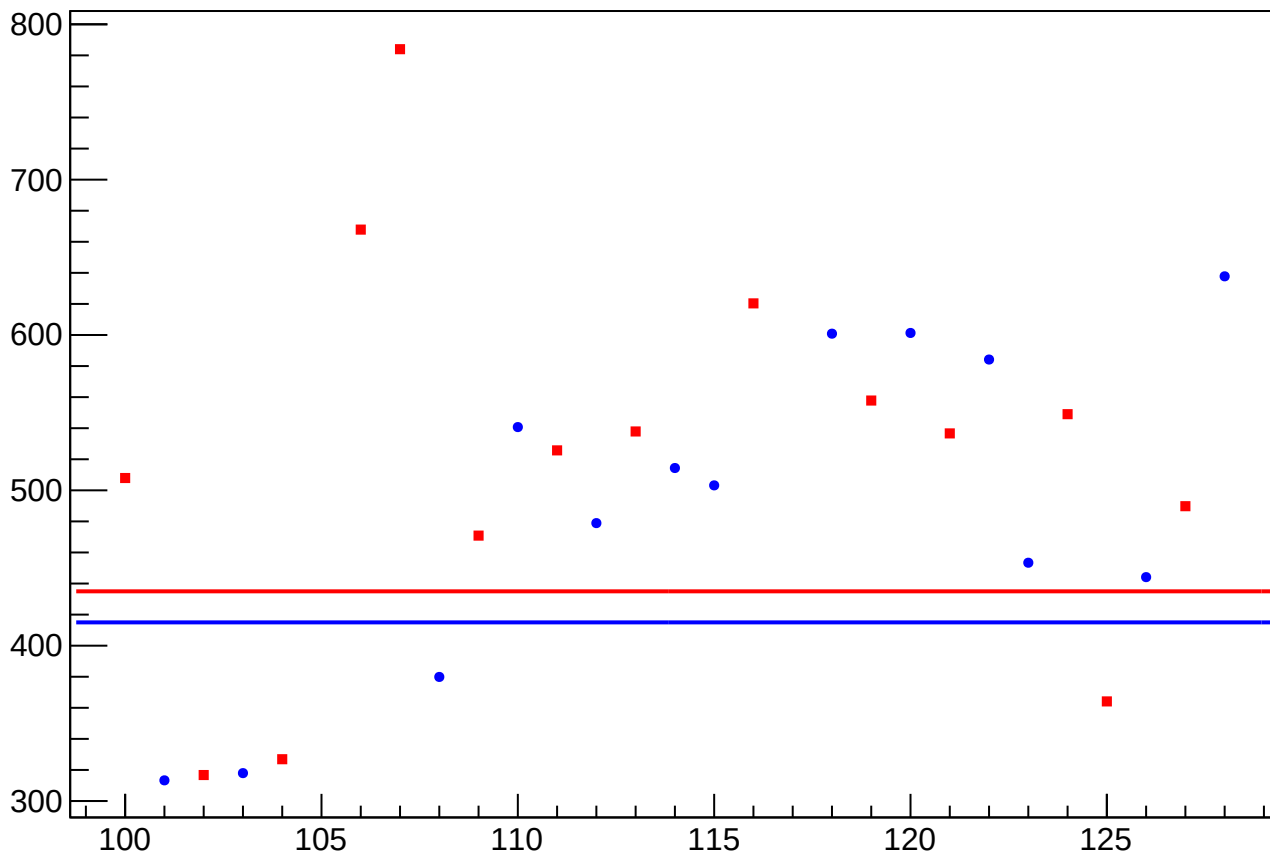
All: 201.909+/-0.049 χ^2/NDF : 1706601.0/26

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: 133536.662 $\pm$ 0.206 χ^2 /NDF: 718751919.2/12
 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: 133885.887 $\pm$ 0.145 χ^2 /NDF: 1409479865.6/13
 In: 133536.662 $\pm$ 0.206 χ^2 /NDF: 718751919.2/12
 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: 133885.887 $\pm$ 0.145 χ^2 /NDF: 1409479865.6/13

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 414.995+/-0.146 χ^2/NDF : 617882.4/12

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

Right Out: 434.985+/-0.144 χ^2/NDF : 674440.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

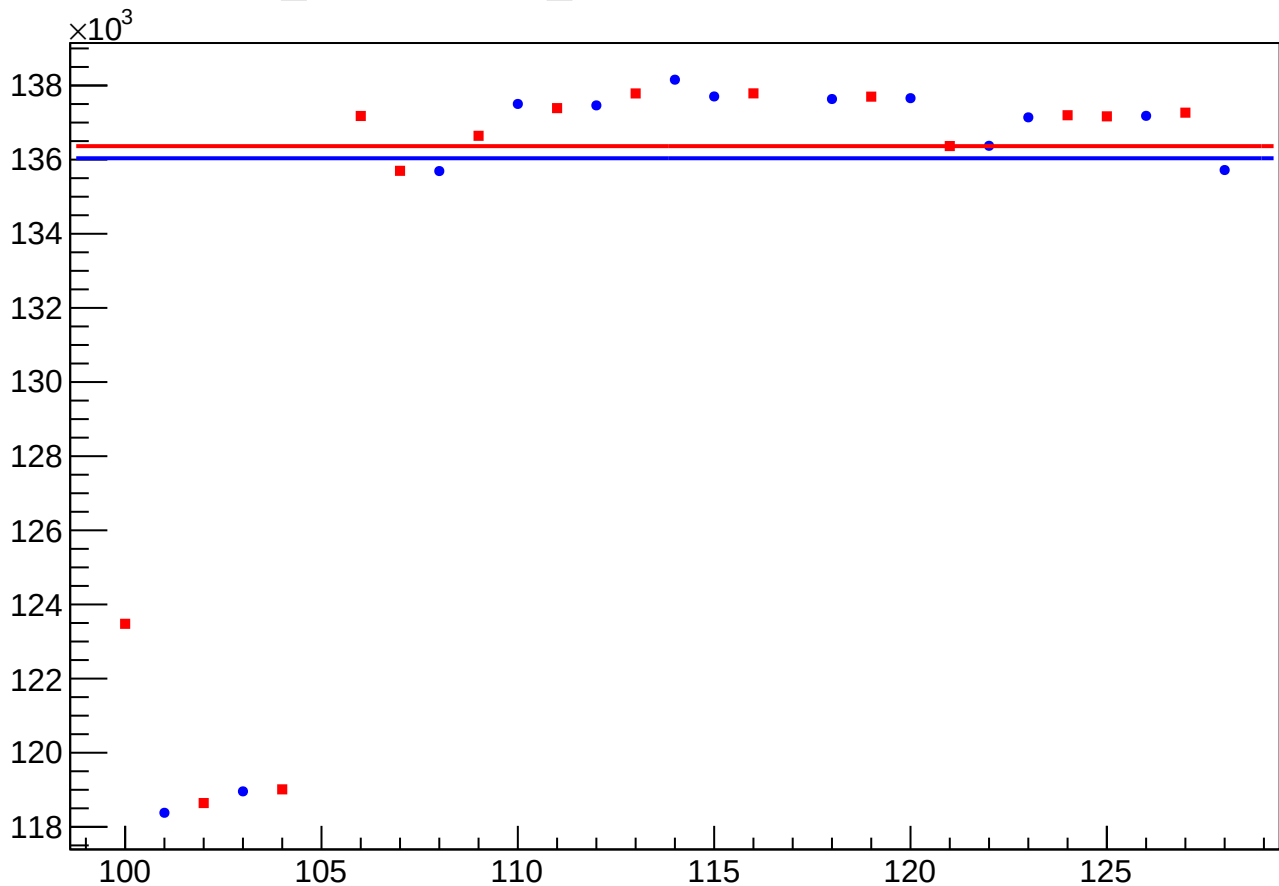
Right: 425.081+/-0.103 χ^2/NDF : 1301818.8/26

In: 414.995+/-0.146 χ^2/NDF : 617882.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

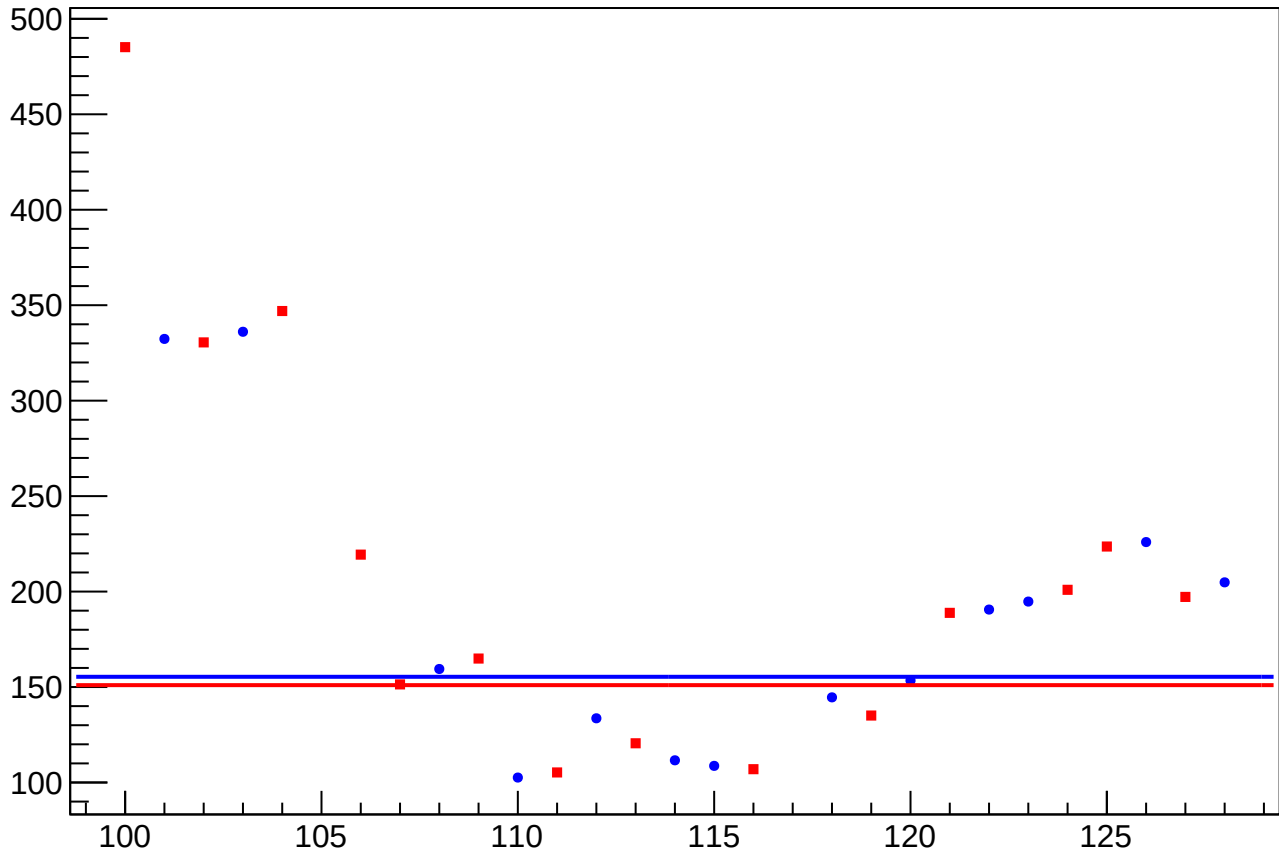
All: 425.081+/-0.103 χ^2/NDF : 1301818.8/26

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 136037.122+/-0.078 χ^2 /NDF: 3412169530.0/12
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right Out: 136364.022+/-0.072 χ^2 /NDF: 3065797089.7/13
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 136213.894+/-0.053 χ^2 /NDF: 6487493459.5

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 155.365+/-0.055 χ^2/NDF : 1092224.4/12

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

Right Out: 150.988+/-0.051 χ^2/NDF : 1227597.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

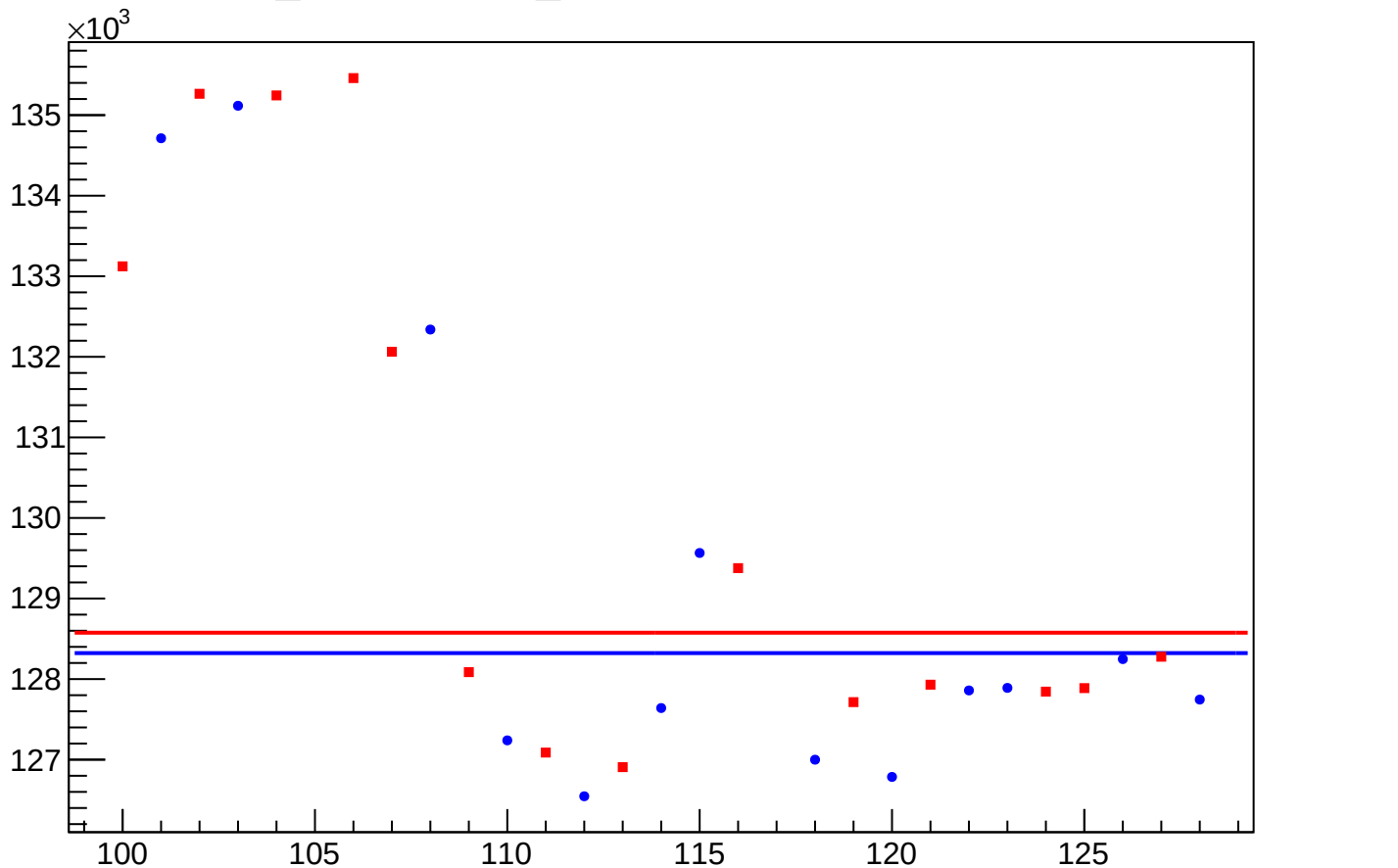
Right: 152.998+/-0.037 χ^2/NDF : 2323237.4/26

In: 155.365+/-0.055 χ^2/NDF : 1092224.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

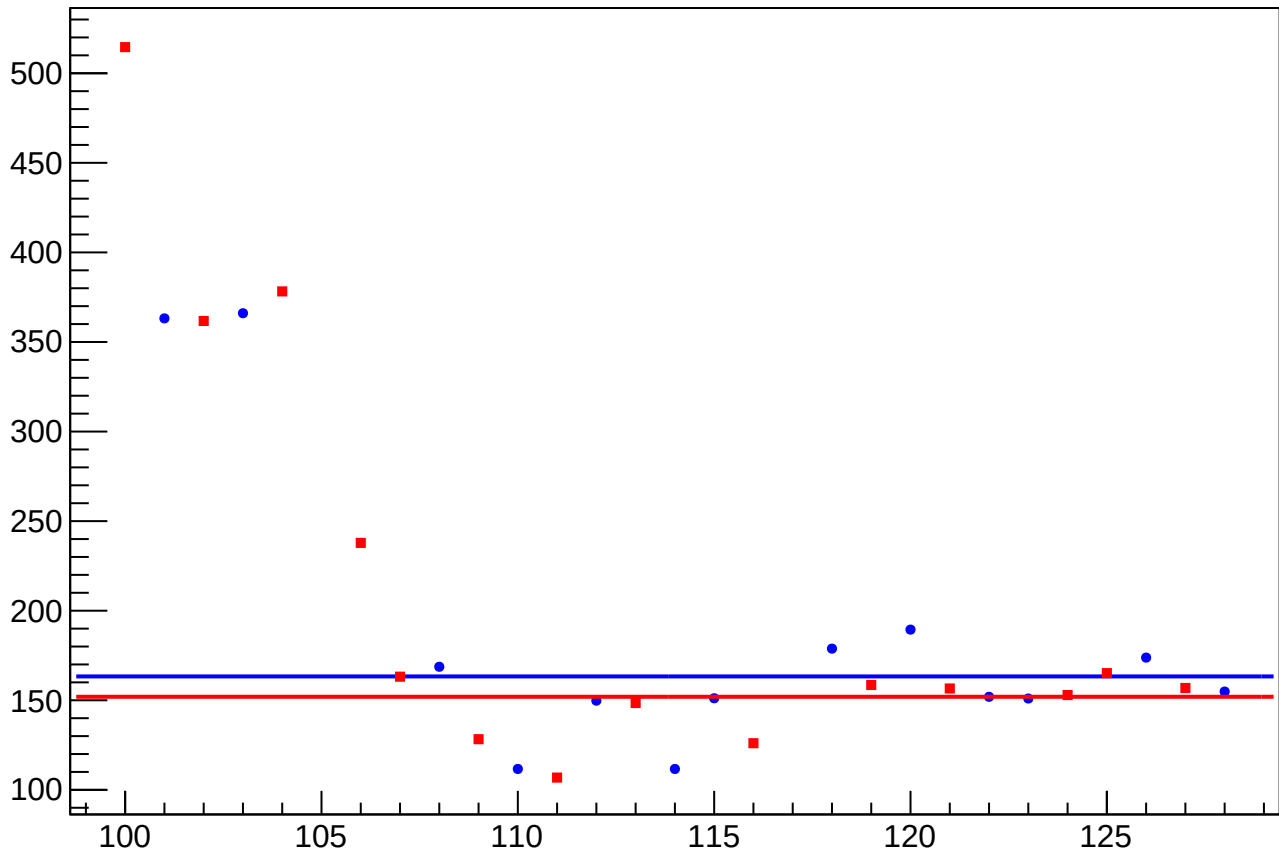
All: 152.998+/-0.037 χ^2/NDF : 2323237.4/26

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 128322.637+/-0.082 χ^2 /NDF: 739309690.2/12
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 128464.642+/-0.054 χ^2 /NDF: 1635136058.9/13
 In: 128322.637+/-0.082 χ^2 /NDF: 739309690.2/12
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 128464.642+/-0.054 χ^2 /NDF: 1635136058.9/13

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 163.315 $\pm$ 0.058 χ^2 /NDF: 919076.2/12

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

Right Out: 151.962 $\pm$ 0.051 χ^2 /NDF: 1062134.1/13

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

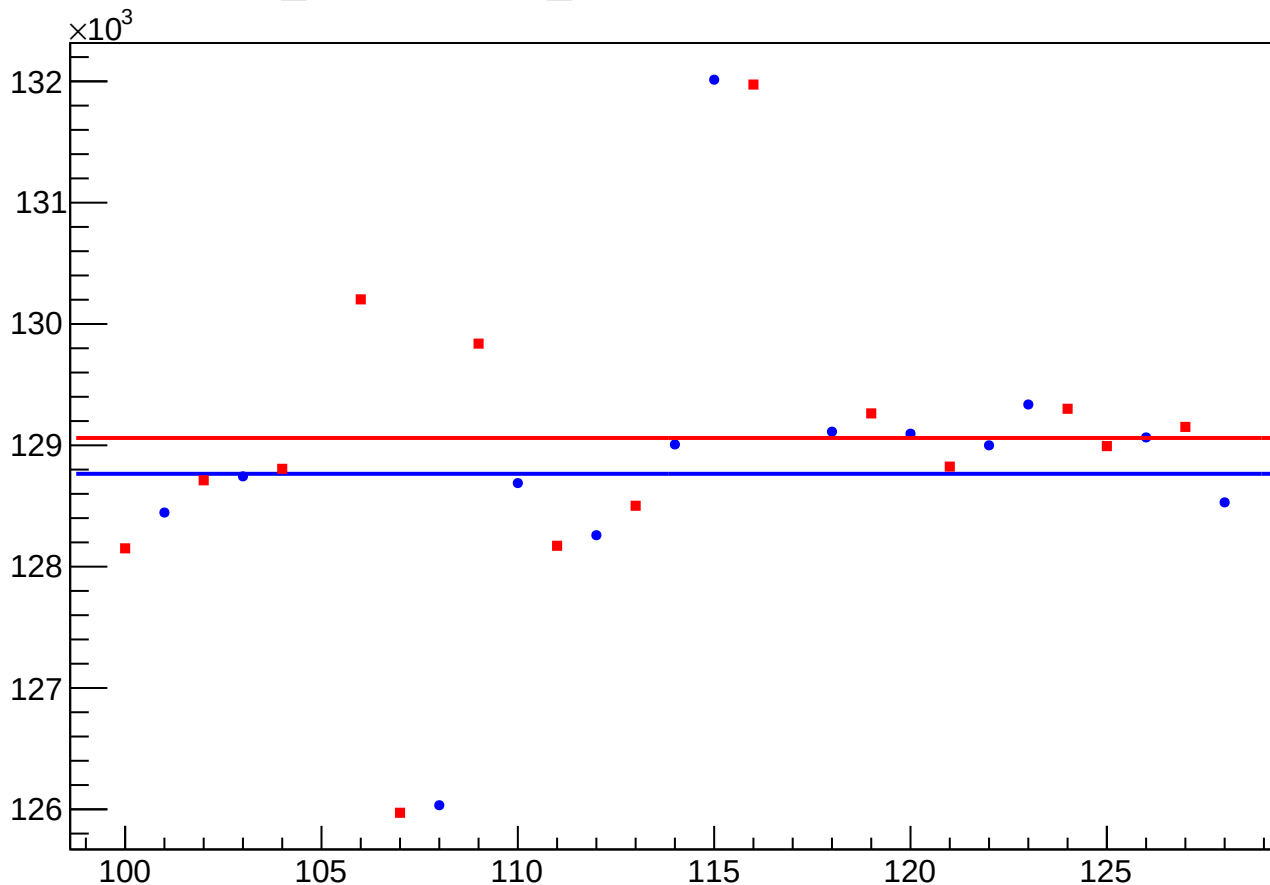
Right: 156.951 $\pm$ 0.038 χ^2 /NDF: 2002682.1/26

In: 163.315 $\pm$ 0.058 χ^2 /NDF:919076.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 156.951 $\pm$ 0.038 χ^2 /NDF: 2002682.1/26

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 128765.277+/-0.071 χ^2 /NDF: 281084604.6/12

Right: 128927.460+/-0.047 χ^2 /NDF: 740720151.4/2

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

Right Out: 129060.743+/-0.064 χ^2 /NDF: 450020327.3/13

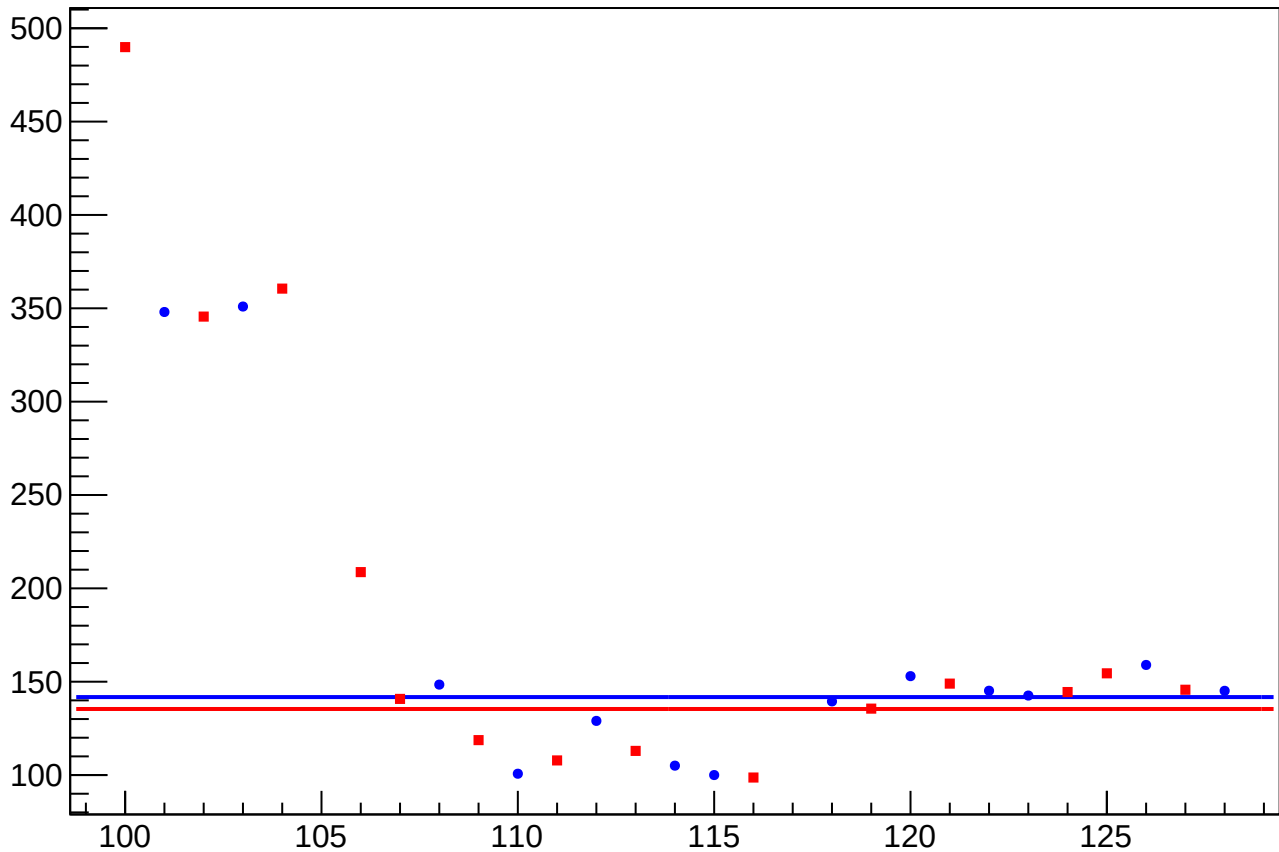
In: 128765.277+/-0.071 χ^2 /NDF: 281084604.6/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 128927.460+/-0.047 χ^2 /NDF: 740720151.4/2

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 141.768+/-0.050 χ^2/NDF : 1018690.3/12

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

Right Out: 135.387+/-0.045 χ^2/NDF : 1119369.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

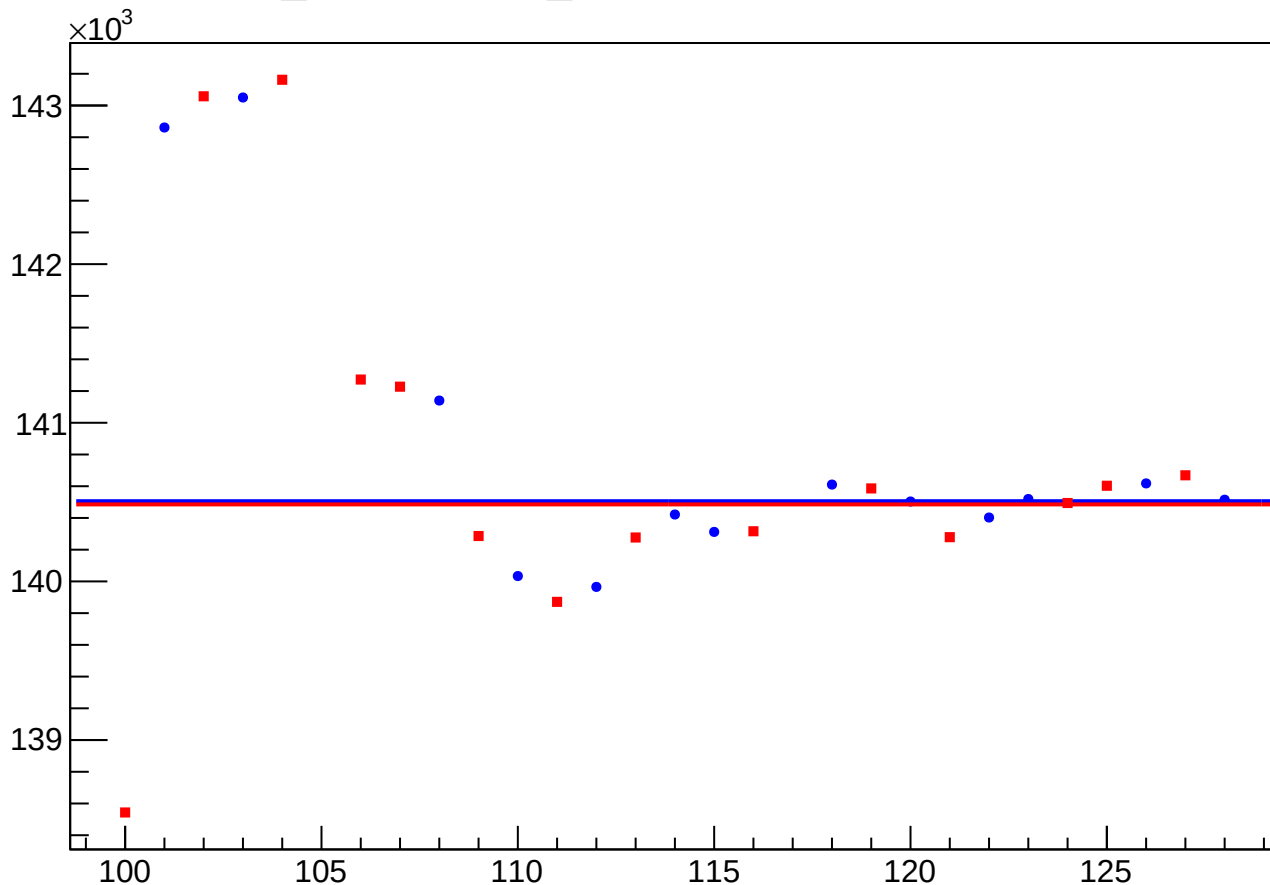
Right: 138.265+/-0.034 χ^2/NDF : 2147027.4/26

In: 141.768+/-0.050 χ^2/NDF : 1018690.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.265+/-0.034 χ^2/NDF : 2147027.4/26

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 140505.684+/-0.076 χ^2 /NDF: 62992765.2/12

Right: 140494.502+/-0.051 χ^2 /NDF: 136180261.6/2

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

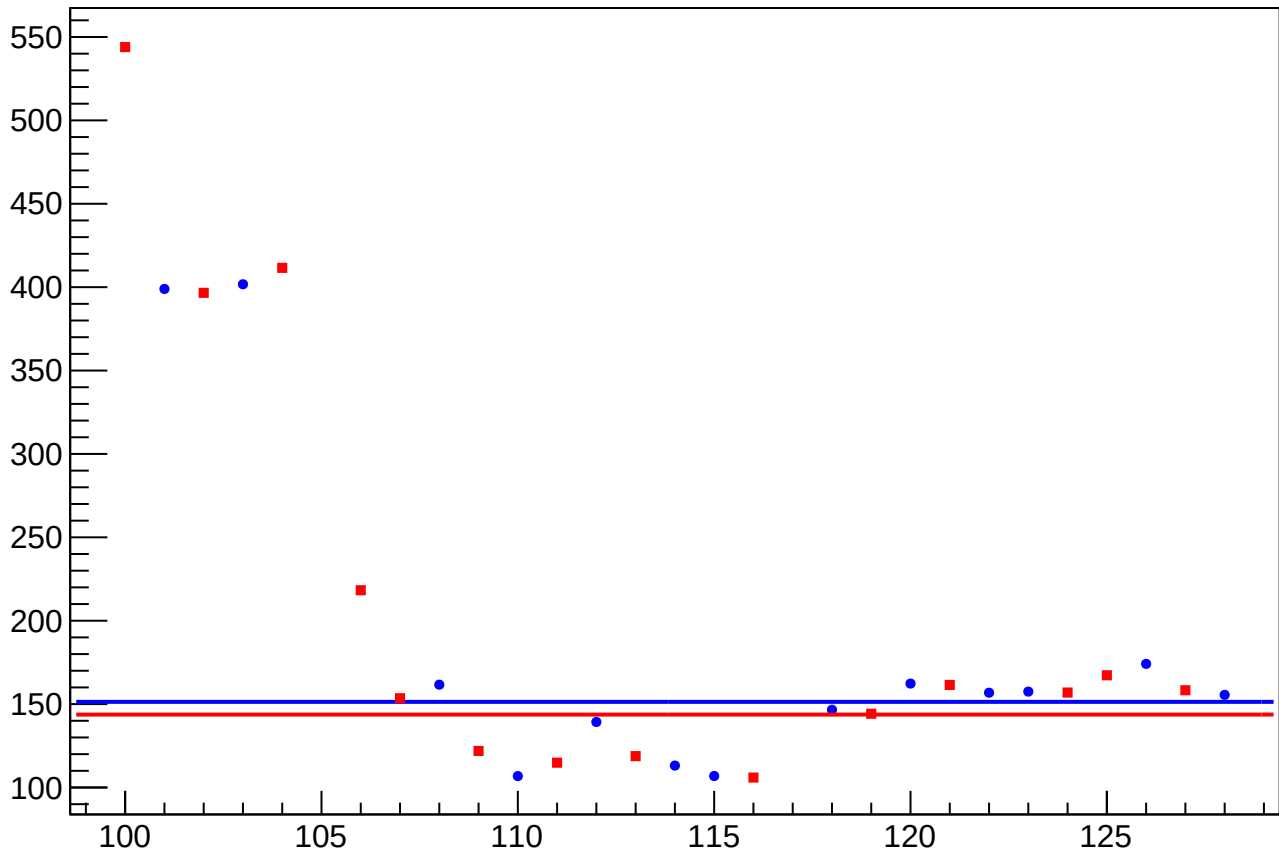
Right Out: 140485.408+/-0.068 χ^2 /NDF: 73147803.1/13

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 140494.502+/-0.051 χ^2 /NDF: 136180261

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 151.356+/-0.053 χ^2/NDF : 1107199.2/12

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

Right Out: 143.723+/-0.048 χ^2/NDF : 1214584.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

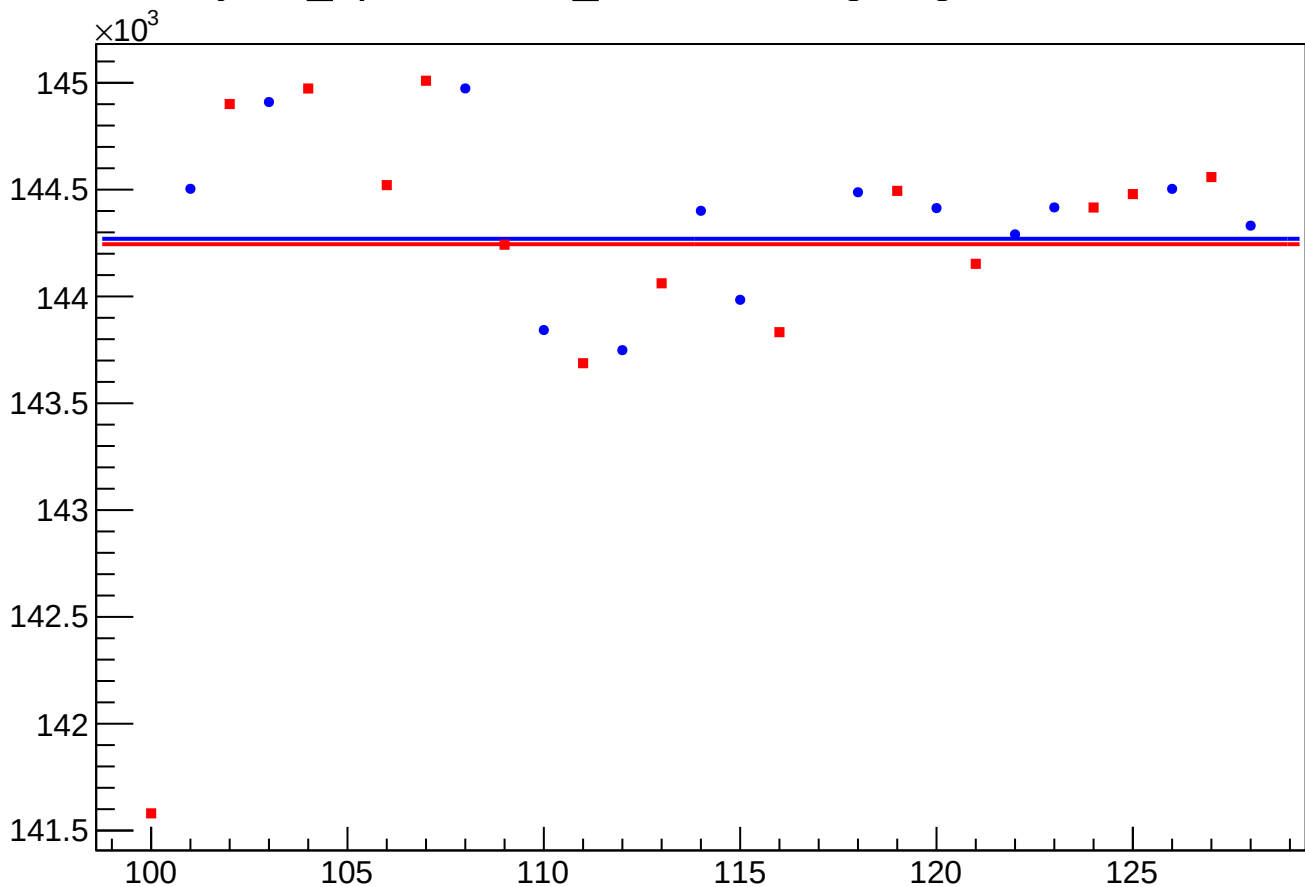
Right: 147.146+/-0.036 χ^2/NDF : 2333033.5/26

In: 151.356+/-0.053 χ^2/NDF : 1107199.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

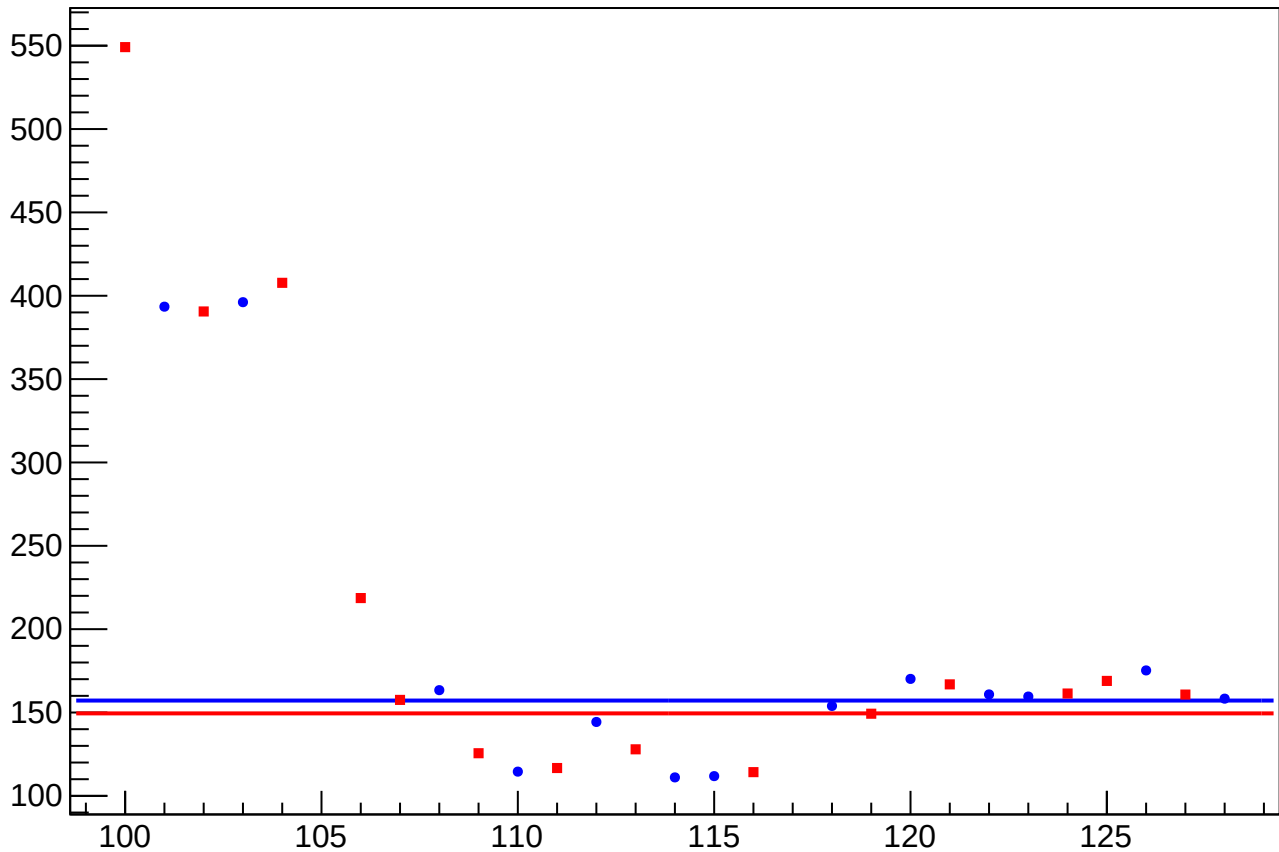
All: 147.146+/-0.036 χ^2/NDF : 2333033.5/26

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: 144269.865 $\pm$ 0.078 χ^2 /NDF: 21734641.5/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 144244.592 $\pm$ 0.071 χ^2 /NDF: 30911129.8/13
 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: 144255.936 $\pm$ 0.052 χ^2 /NDF: 52703386.9/26
 In: 144269.865 $\pm$ 0.078 χ^2 /NDF:21734641.5/12
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 144255.936 $\pm$ 0.052 χ^2 /NDF: 52703386.9/26

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 157.181+/-0.055 χ^2/NDF : 1028398.3/12

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

Right Out: 149.481+/-0.050 χ^2/NDF : 1133630.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

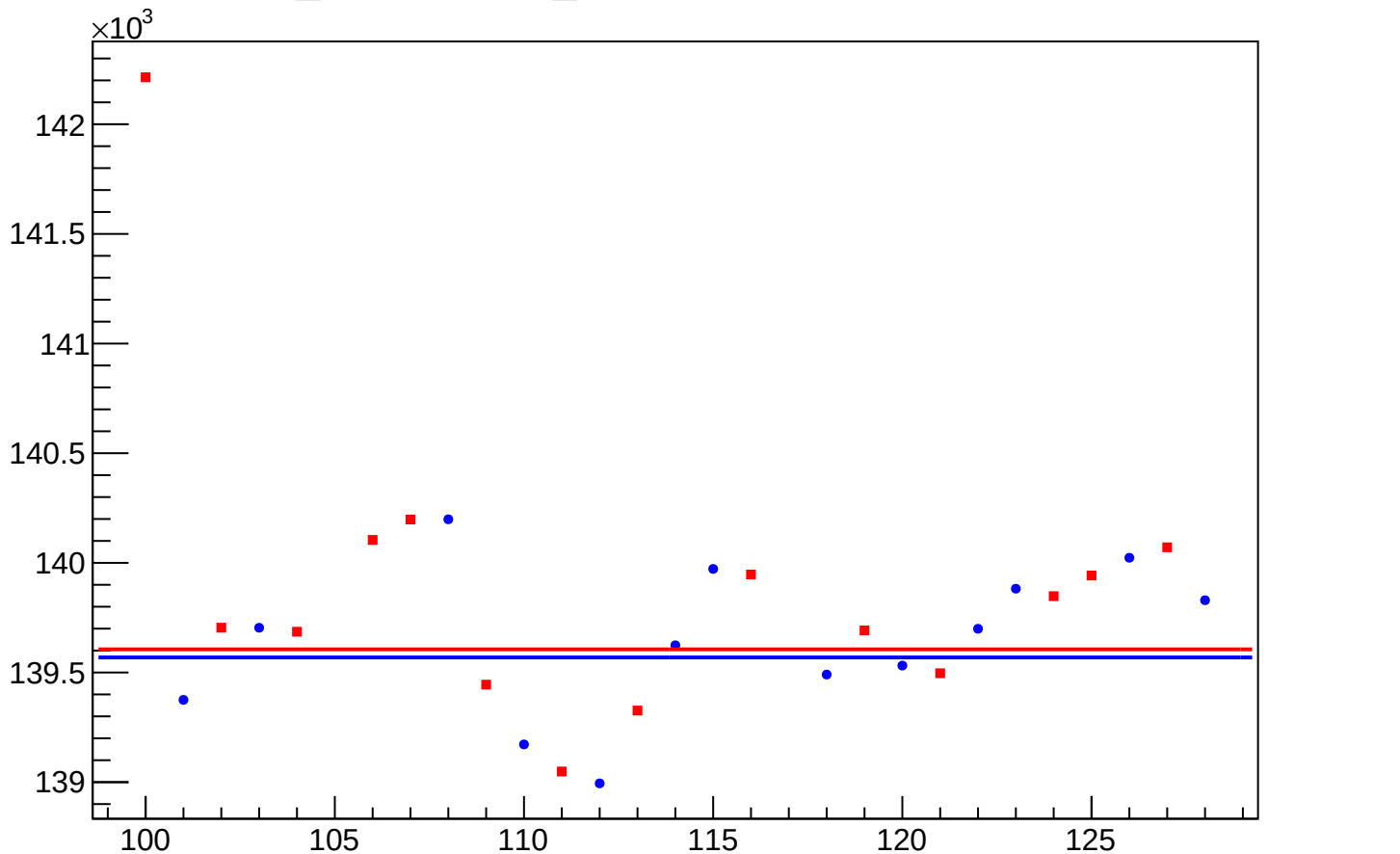
Right: 152.937+/-0.037 χ^2/NDF : 2172722.8/26

In: 157.181+/-0.055 χ^2/NDF : 1028398.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

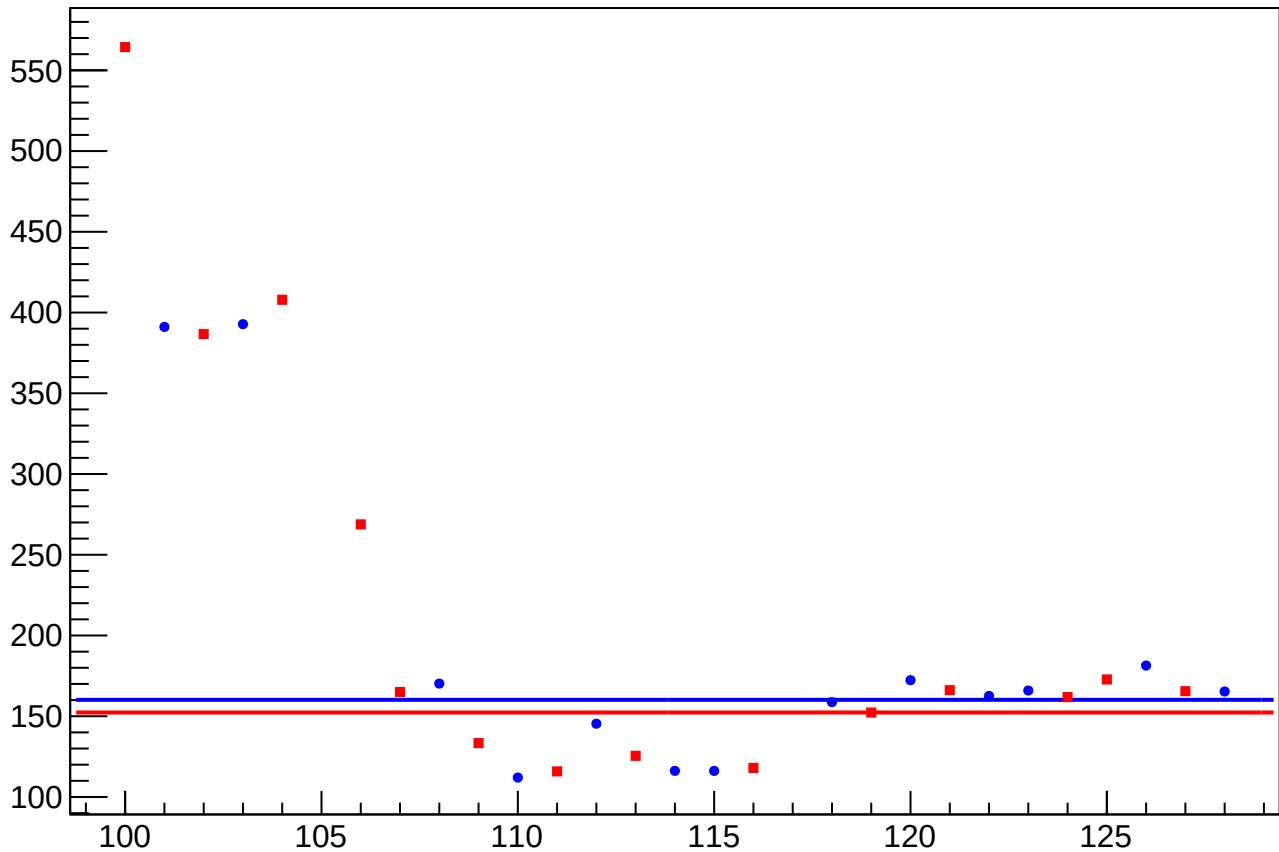
All: 152.937+/-0.037 χ^2/NDF : 2172722.8/26

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 139568.539 $\pm$ 0.080 χ^2/NDF : 21574157.0/12
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: 139605.563 $\pm$ 0.072 χ^2/NDF : 26697090.7/13
 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: 139588.929 $\pm$ 0.053 χ^2/NDF : 48389877.3/26
 In: 139568.539 $\pm$ 0.080 χ^2/NDF : 21574157.0/12
 Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 139588.929 $\pm$ 0.053 χ^2/NDF : 48389877.3/26

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 160.175+/-0.056 χ^2/NDF : 1022092.9/12

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

Right Out: 152.319+/-0.051 χ^2/NDF : 1168429.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

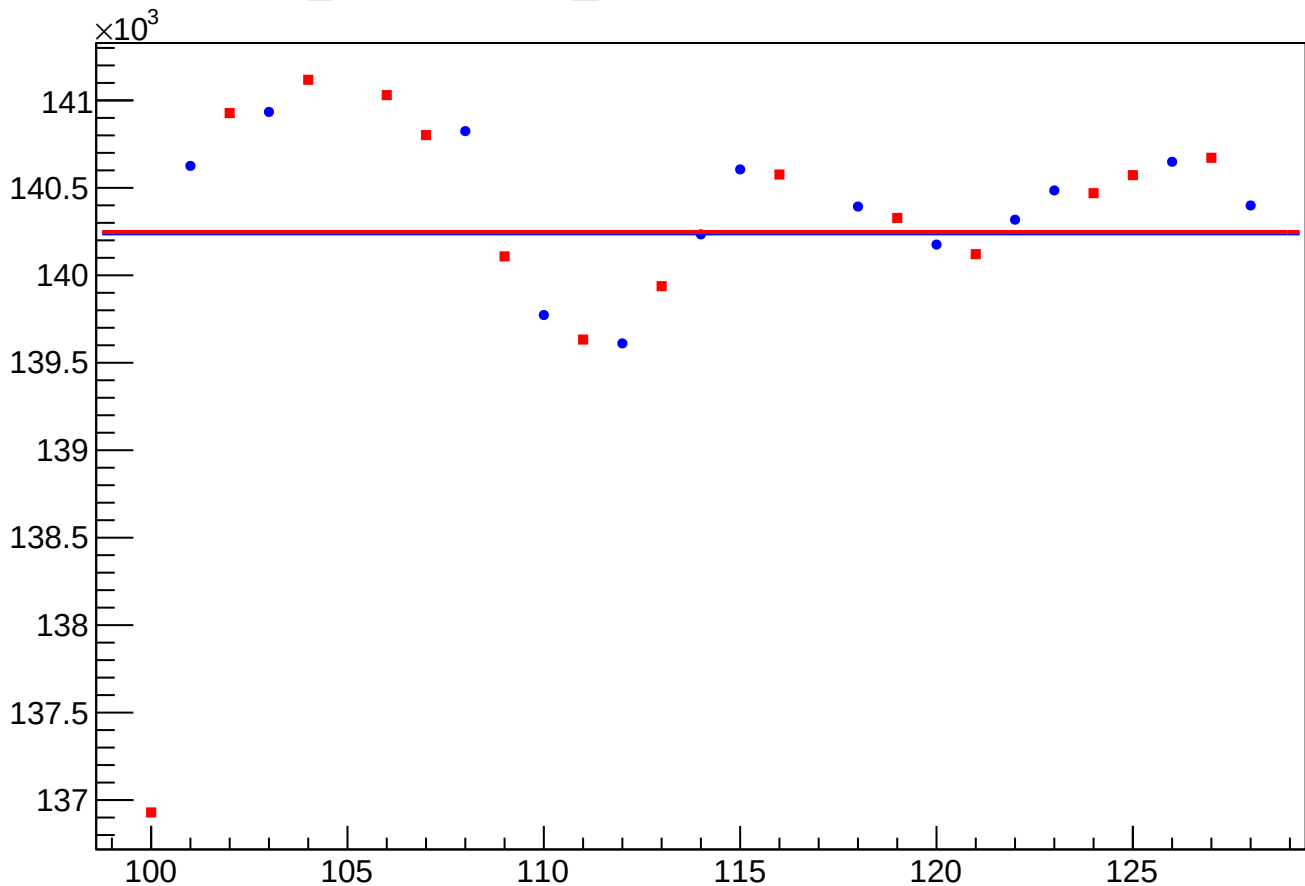
Right: 155.848+/-0.038 χ^2/NDF : 2201204.2/26

In: 160.175+/-0.056 χ^2/NDF : 1022092.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

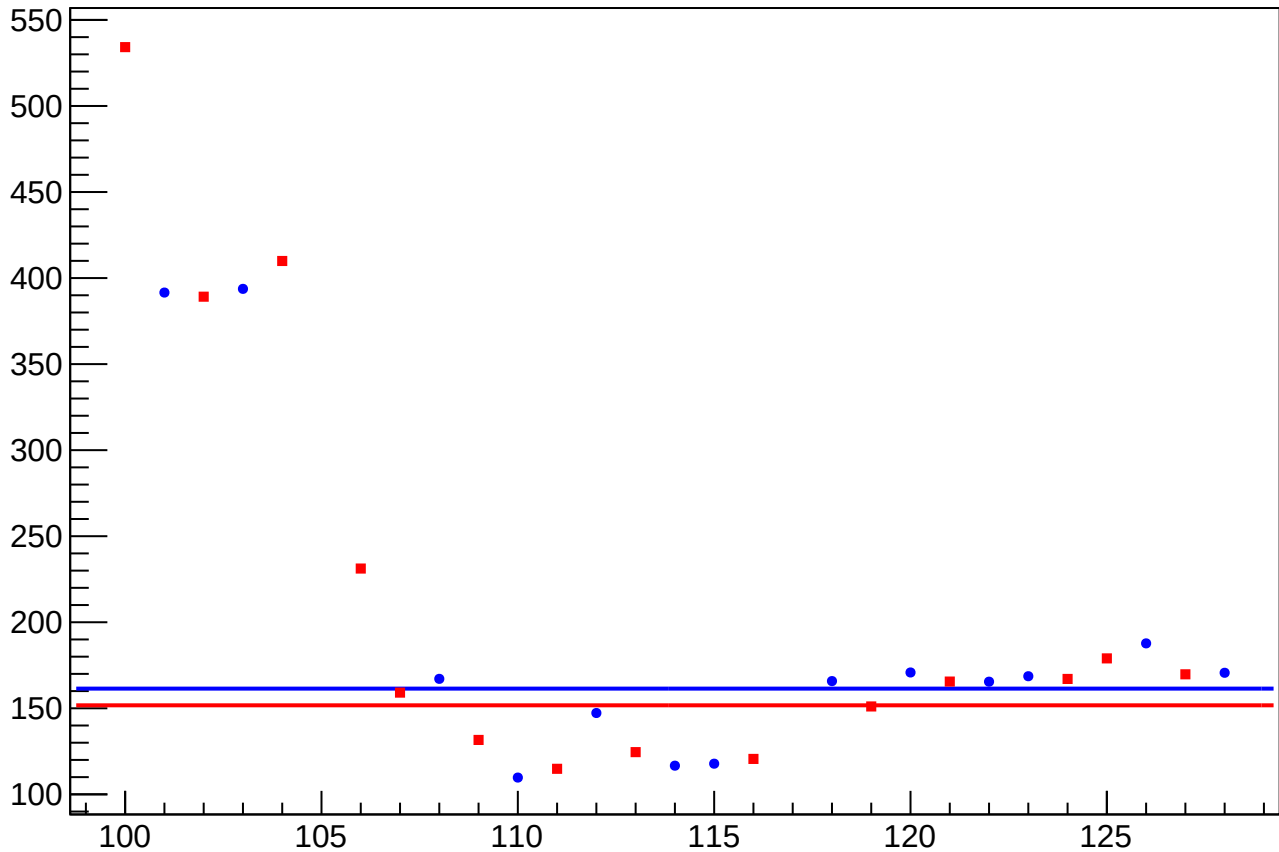
All: 155.848+/-0.038 χ^2/NDF : 2201204.2/26

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: 140239.759 $\pm$ 0.080 χ^2 /NDF: 24641659.0/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 140247.684 $\pm$ 0.072 χ^2 /NDF: 35131486.5/13
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 140244.170 $\pm$ 0.054 χ^2 /NDF: 59778551.2/26
 In: 140239.759 $\pm$ 0.080 χ^2 /NDF:24641659.0/12
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 140244.170 $\pm$ 0.054 χ^2 /NDF: 59778551.2/26

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 161.437 $\pm$ 0.057 χ^2 /NDF: 1042937.7/12

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

Right Out: 151.732 $\pm$ 0.051 χ^2 /NDF: 1143378.8/13

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

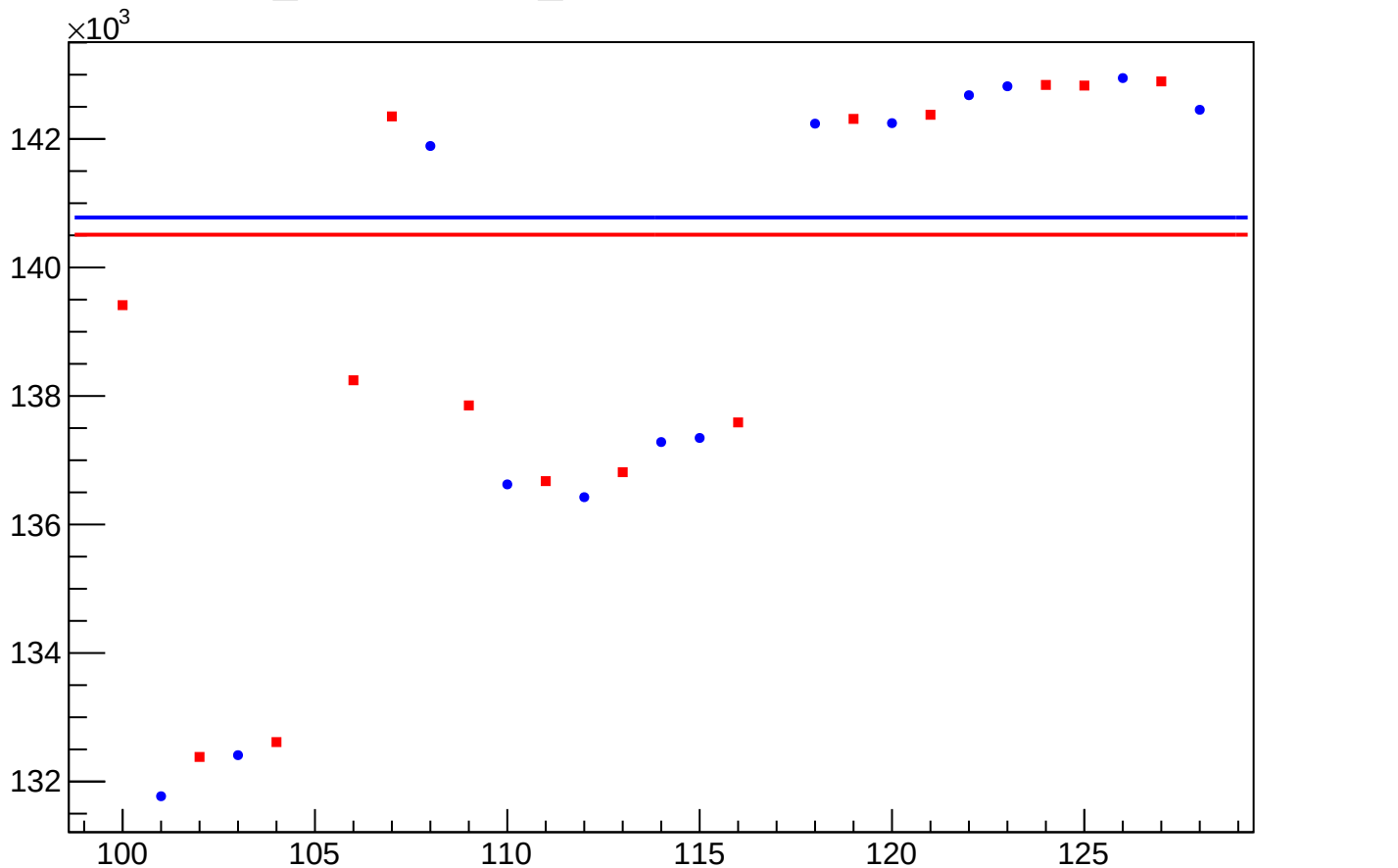
Right: 156.035 $\pm$ 0.038 χ^2 /NDF: 2202530.0/26

In: 161.437 $\pm$ 0.057 χ^2 /NDF:1042937.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 156.035 $\pm$ 0.038 χ^2 /NDF: 2202530.0/26

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right In: 140777.357+/-0.119 χ^2/NDF : 716889341.7/12

Right: 140639.538+/-0.083 χ^2/NDF : 1423902206.1/13

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

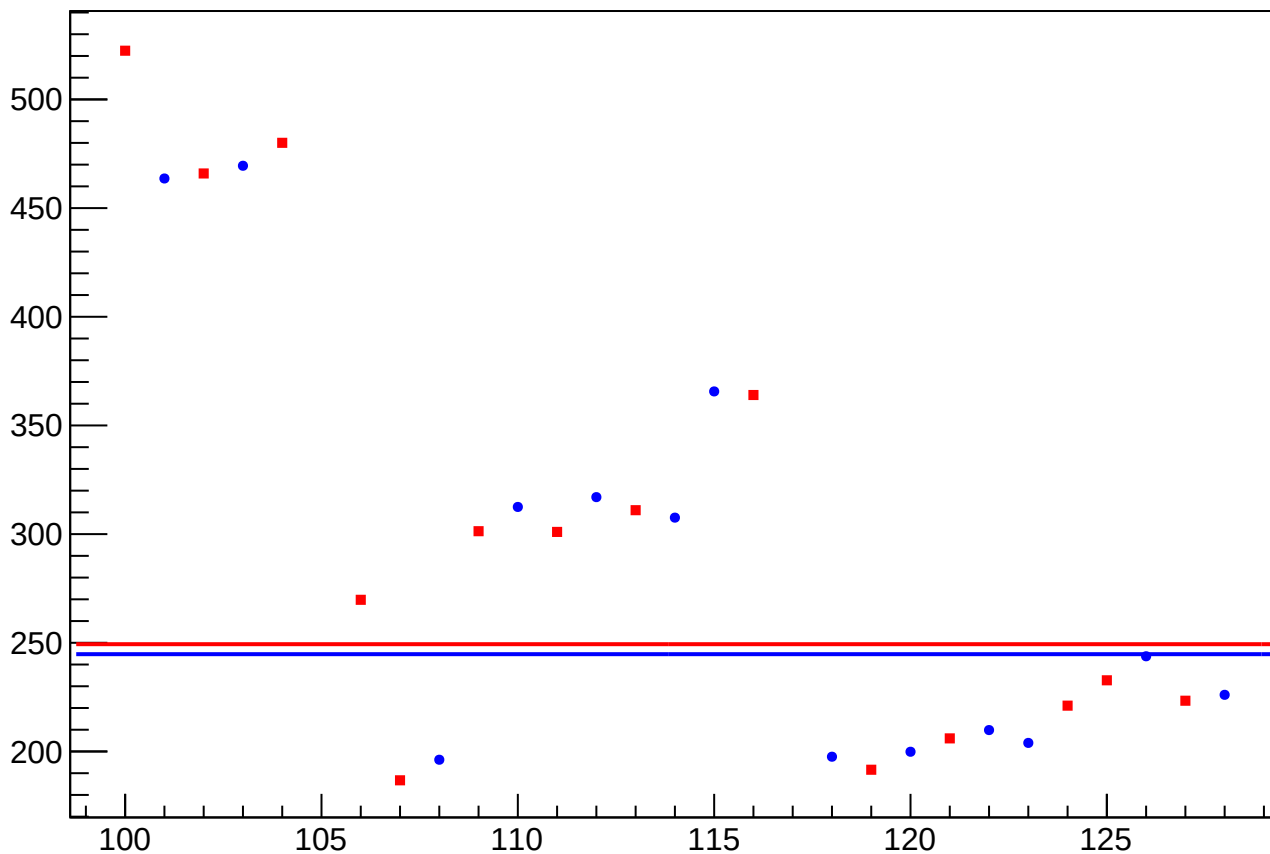
Right Out: 140510.017+/-0.116 χ^2/NDF : 704427650.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

All: 140639.538+/-0.083 χ^2/NDF : 1423902206.1/13

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 244.762+/-0.084 χ^2/NDF : 800847.9/12

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

Right Out: 249.358+/-0.082 χ^2/NDF : 855782.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

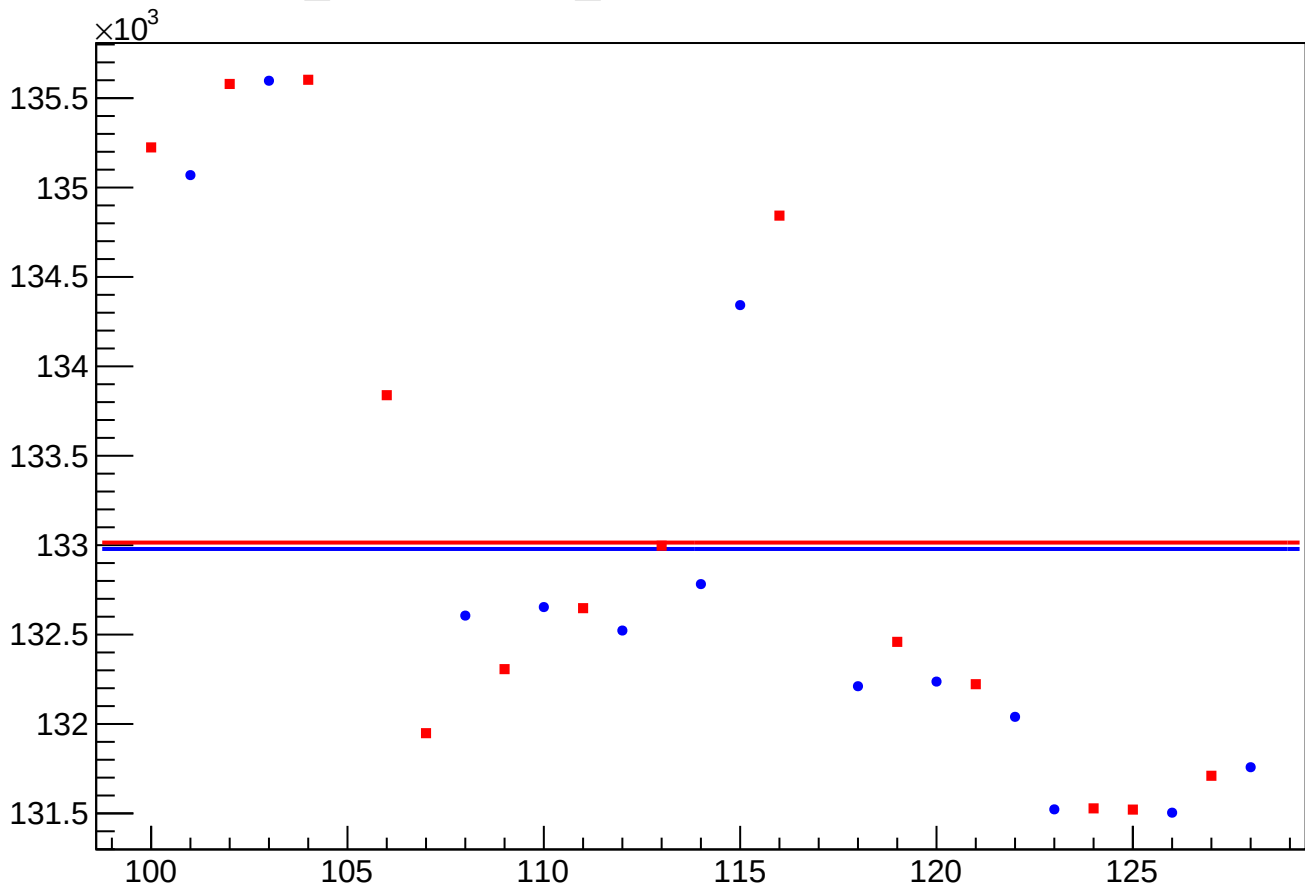
Right: 247.131+/-0.059 χ^2/NDF : 1658158.6/26

In: 244.762+/-0.084 χ^2/NDF :800847.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 247.131+/-0.059 χ^2/NDF : 1658158.6/26

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 132978.718 $\pm$ 0.136 χ^2/NDF : 70617734.2/12

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

Right Out: 133014.546 $\pm$ 0.119 χ^2/NDF : 93543212.0/13

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

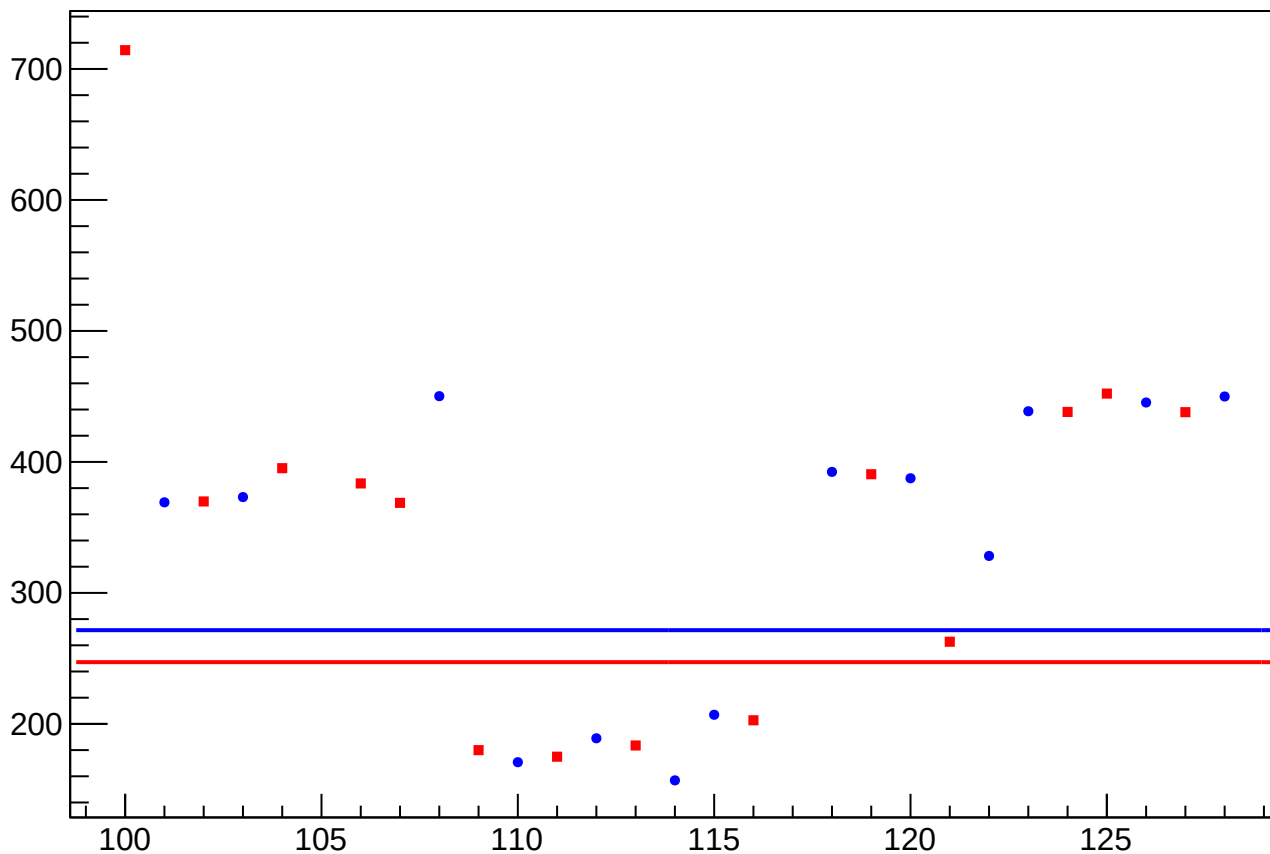
Right: 132999.092 $\pm$ 0.090 χ^2/NDF : 164200231.4/2

In: 132978.718 $\pm$ 0.136 χ^2/NDF : 70617734.2/12

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

All: 132999.092 $\pm$ 0.090 χ^2/NDF : 164200231.4/2

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 271.549+/-0.096 χ^2/NDF : 1256287.7/12

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

Right Out: 247.134+/-0.084 χ^2/NDF : 1337757.8/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

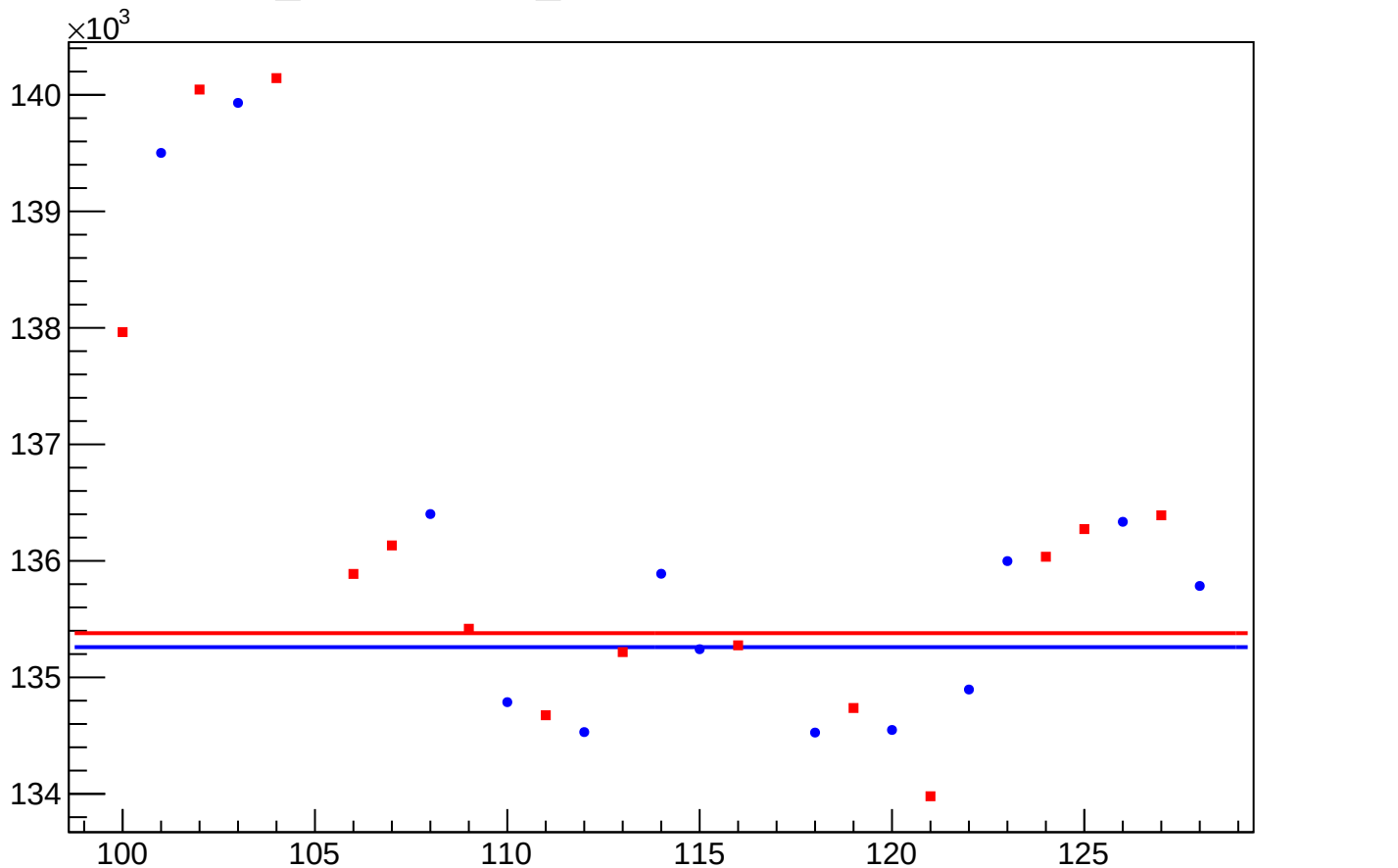
Right: 257.665+/-0.063 χ^2/NDF : 2630529.5/26

In: 271.549+/-0.096 χ^2/NDF :1256287.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

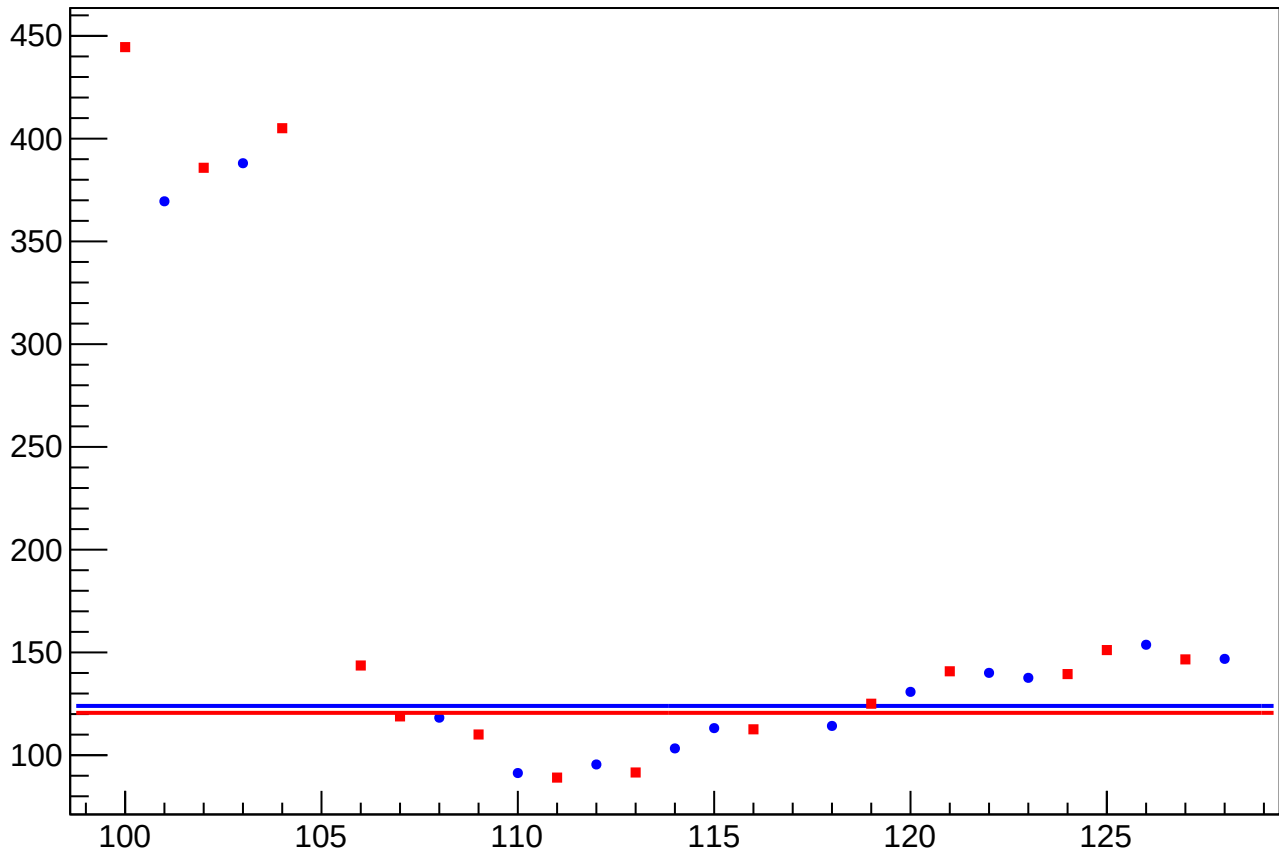
All: 257.665+/-0.063 χ^2/NDF : 2630529.5/26

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 135259.512+/-0.063 χ^2 /NDF: 288015456.7/12
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 135323.953+/-0.043 χ^2 /NDF: 569654090.1/2
 In: 135259.512+/-0.063 χ^2 /NDF: 288015456.7/12
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 135323.953+/-0.043 χ^2 /NDF: 569654090.1/2

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 123.971+/-0.044 χ^2/NDF : 1282967.7/12

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

Right Out: 120.595+/-0.041 χ^2/NDF : 1361722.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

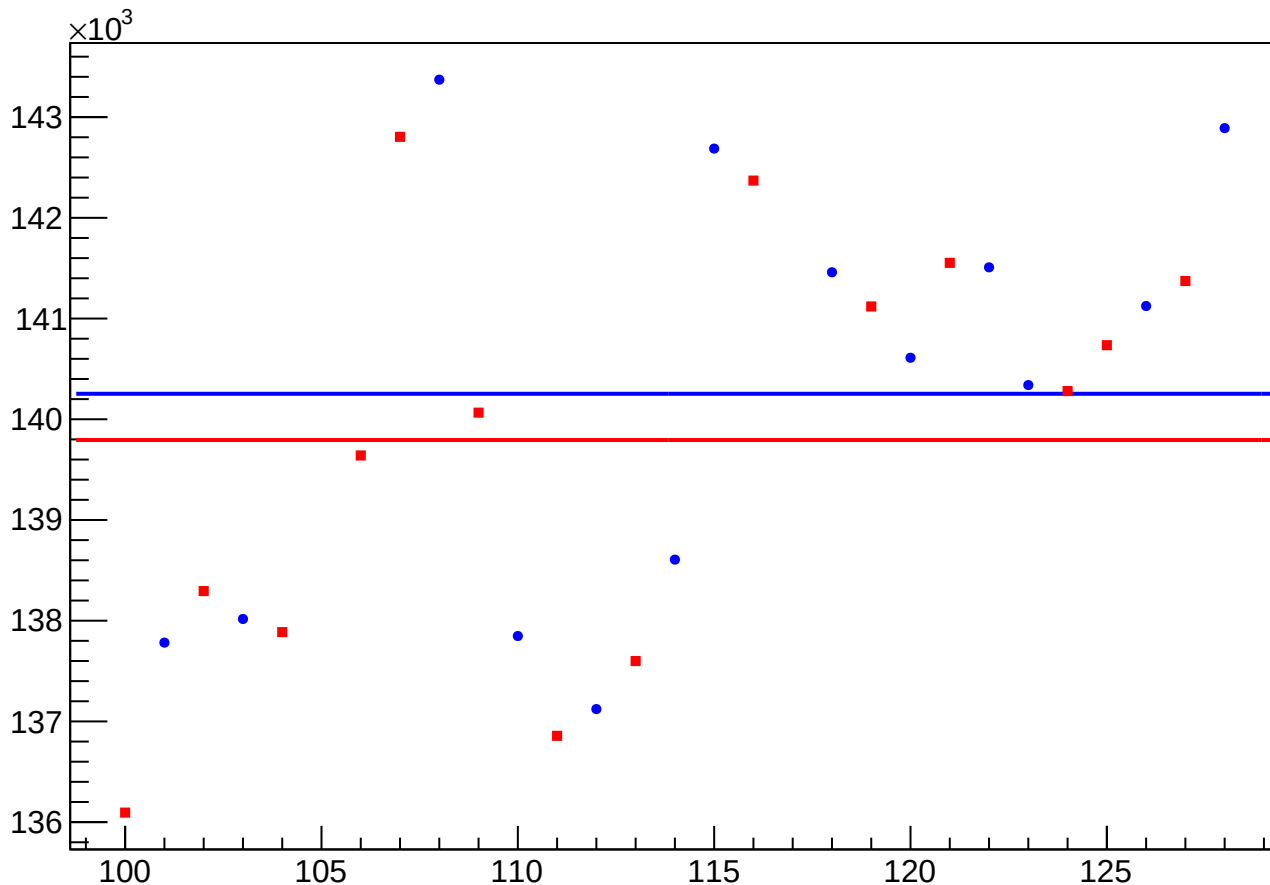
Right: 122.157+/-0.030 χ^2/NDF : 2647806.7/26

In: 123.971+/-0.044 χ^2/NDF : 1282967.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

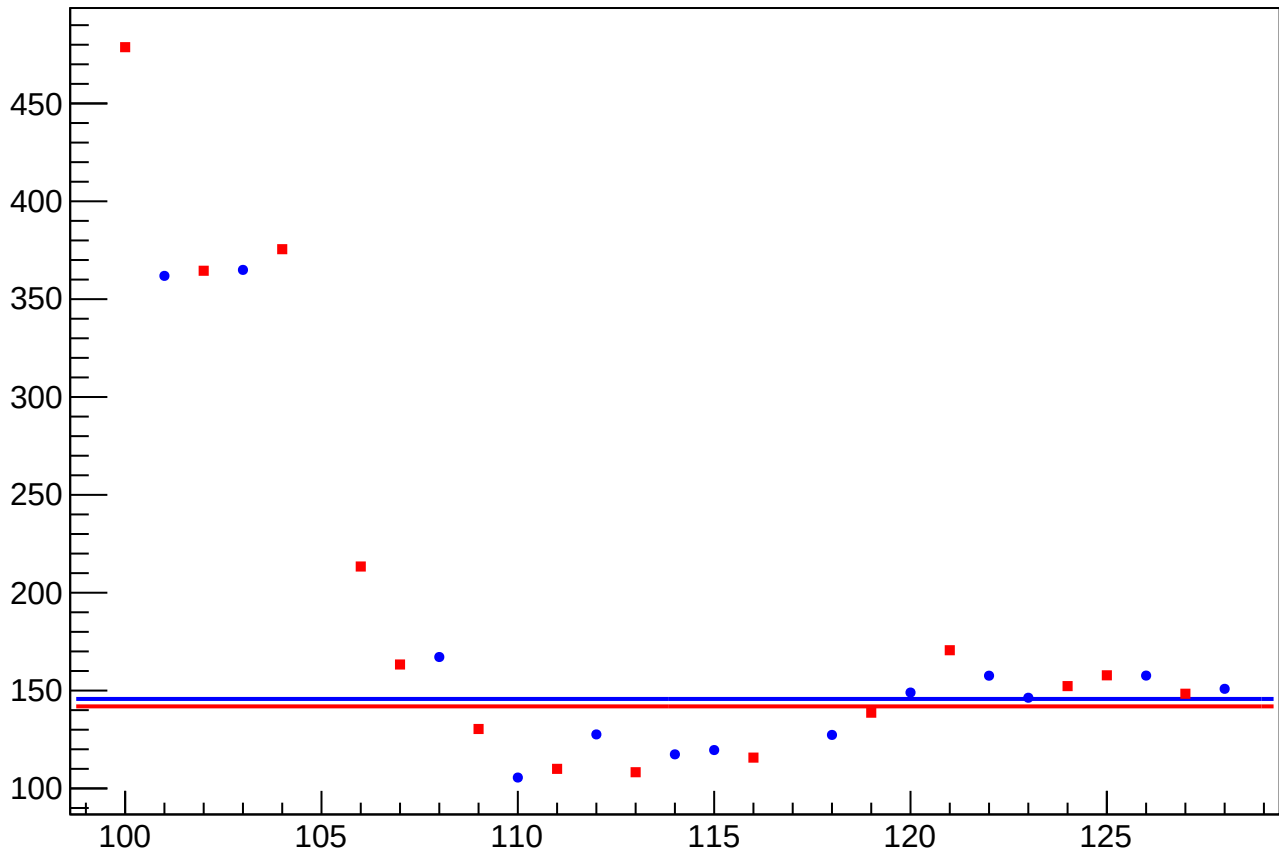
All: 122.157+/-0.030 χ^2/NDF : 2647806.7/26

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 140253.040 $\pm$ 0.072 χ^2 /NDF: 889547413.6/12
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 140007.023 $\pm$ 0.049 χ^2 /NDF: 1797011816.9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 140253.040 $\pm$ 0.072 χ^2 /NDF: 889547413.6/12
 Right Out: 139793.907 $\pm$ 0.067 χ^2 /NDF: 885966232.5/13
 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: 140007.023 $\pm$ 0.049 χ^2 /NDF: 1797011816.9

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 145.722 $\pm$ 0.051 χ^2 /NDF: 1009050.0/12

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

Right Out: 141.921 $\pm$ 0.048 χ^2 /NDF: 1133735.8/13

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

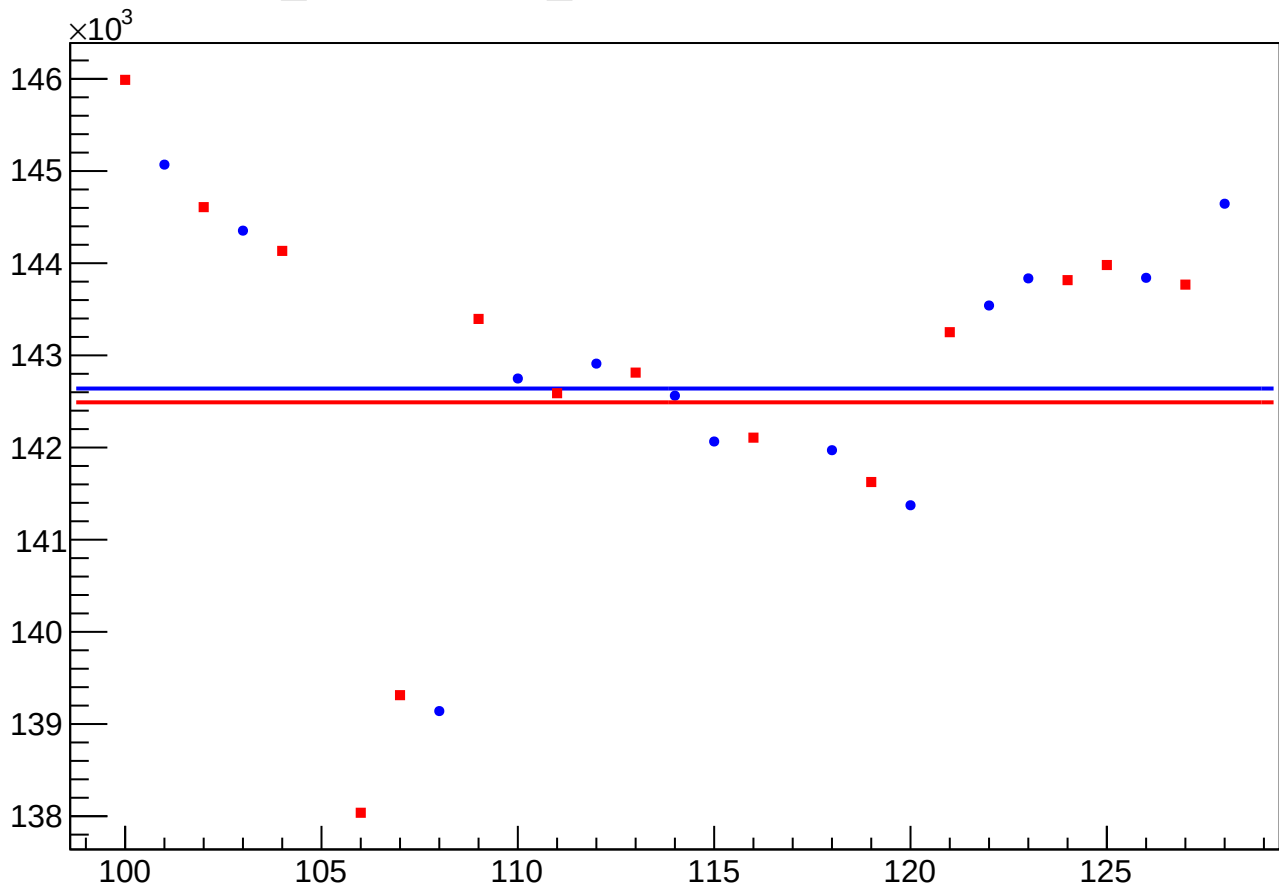
Right: 143.685 $\pm$ 0.035 χ^2 /NDF: 2145733.5/26

In: 145.722 $\pm$ 0.051 χ^2 /NDF:1009050.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

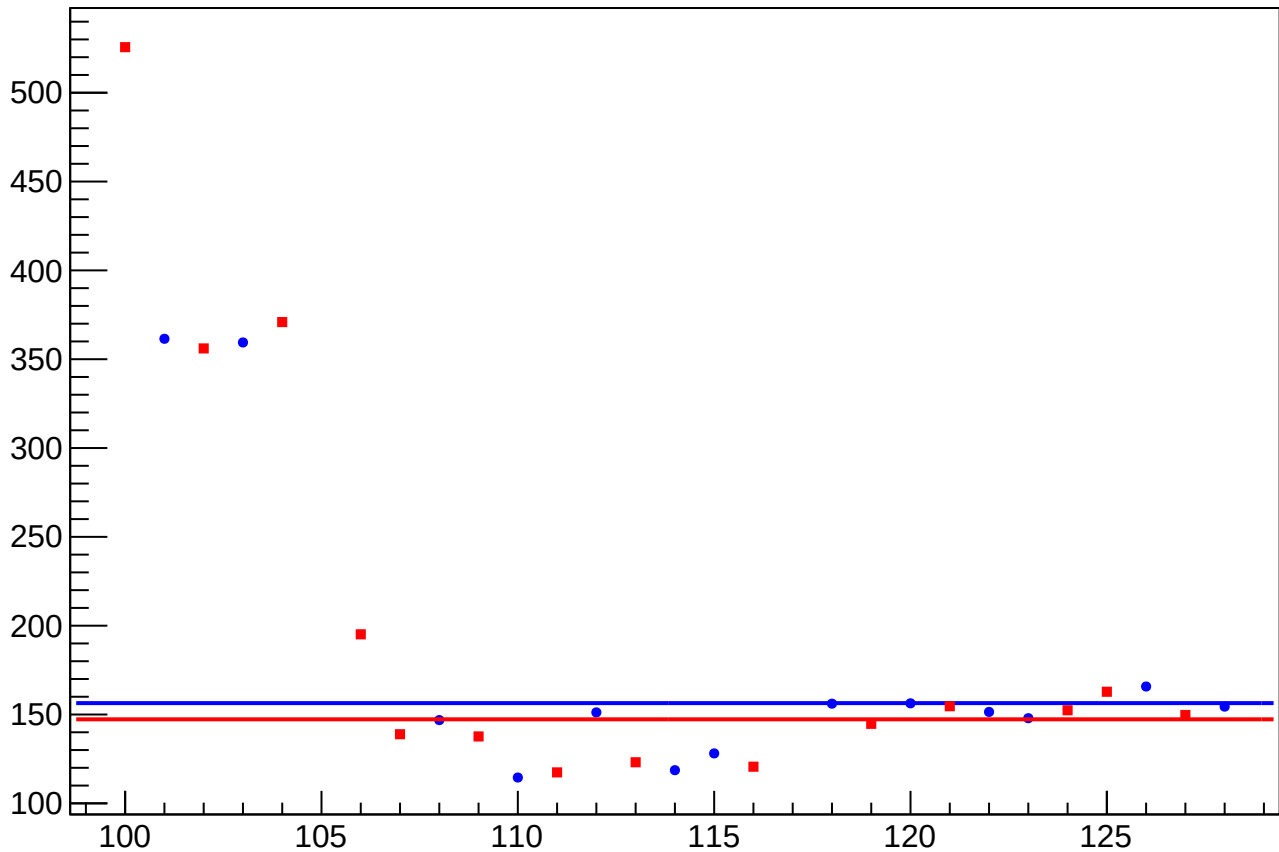
All: 143.685 $\pm$ 0.035 χ^2 /NDF: 2145733.5/26

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 142640.230+/-0.077 χ^2 /NDF: 392373225.6/12
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 142557.227+/-0.052 χ^2 /NDF: 854189661.7/2
 In: 142640.230+/-0.077 χ^2 /NDF: 392373225.6/12
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 142557.227+/-0.052 χ^2 /NDF: 854189661.7/2

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 156.418+/-0.055 χ^2/NDF : 866599.4/12

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

Right Out: 147.298+/-0.049 χ^2/NDF : 957919.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

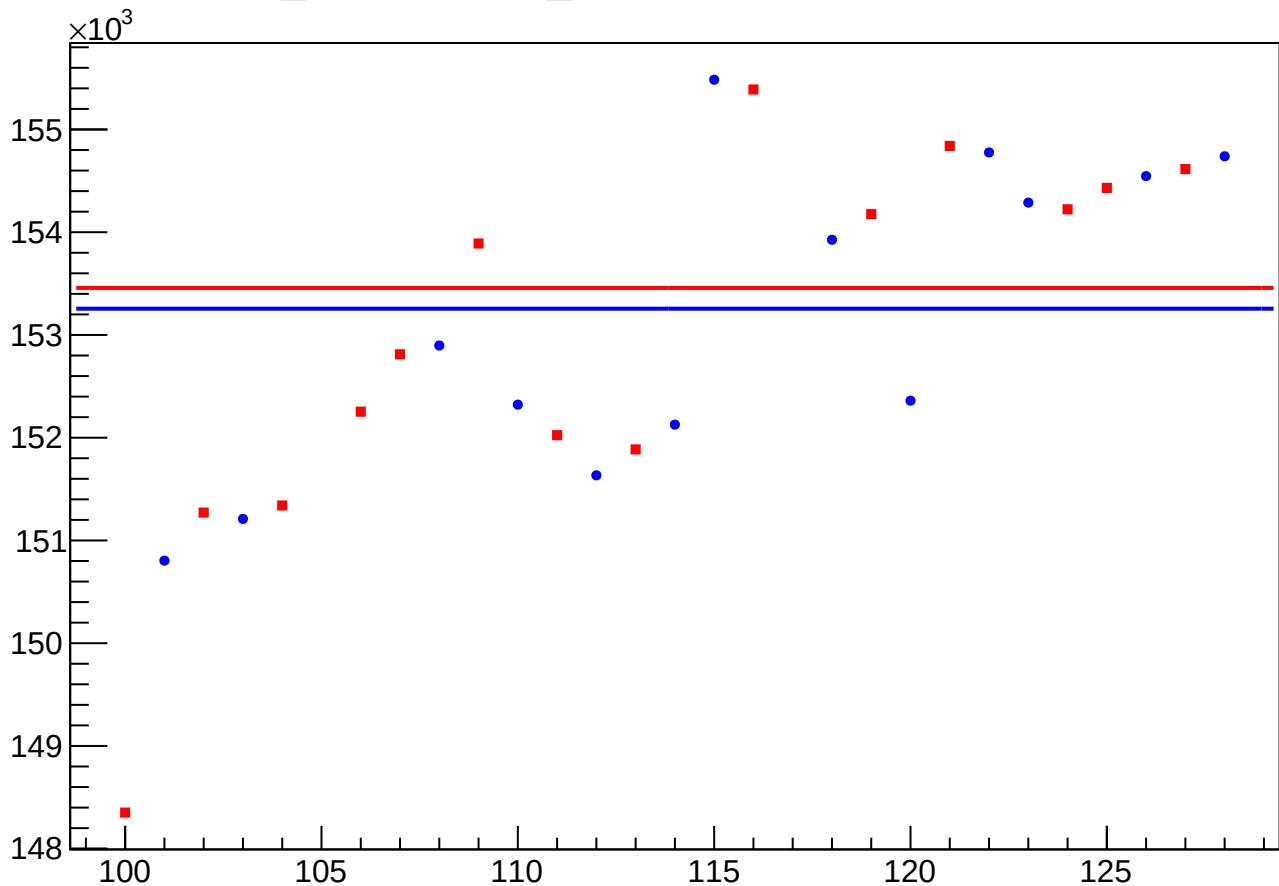
Right: 151.364+/-0.037 χ^2/NDF : 1839927.2/26

In: 156.418+/-0.055 χ^2/NDF : 866599.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.364+/-0.037 χ^2/NDF : 1839927.2/26

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 153255.697+/-0.089 χ^2 /NDF: 223757042.6/12

Right: 153370.582+/-0.059 χ^2 /NDF: 485314082.9/2

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

Right Out: 153458.121+/-0.078 χ^2 /NDF: 258643819.8/13

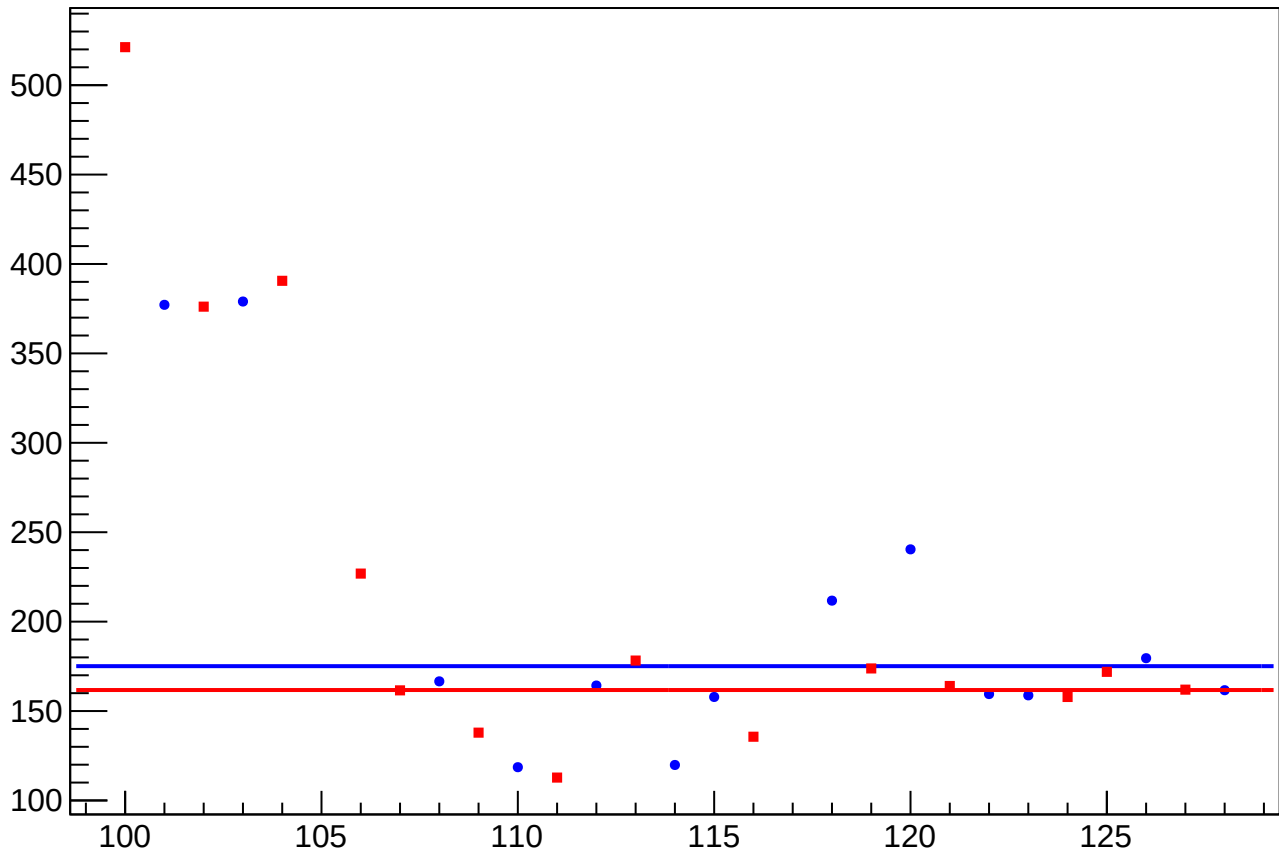
In: 153255.697+/-0.089 χ^2 /NDF: 223757042.6/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 153370.582+/-0.059 χ^2 /NDF: 485314082.9/2

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 175.099+/-0.063 χ^2/NDF : 933163.9/12

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

Right Out: 161.752+/-0.055 χ^2/NDF : 1007825.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

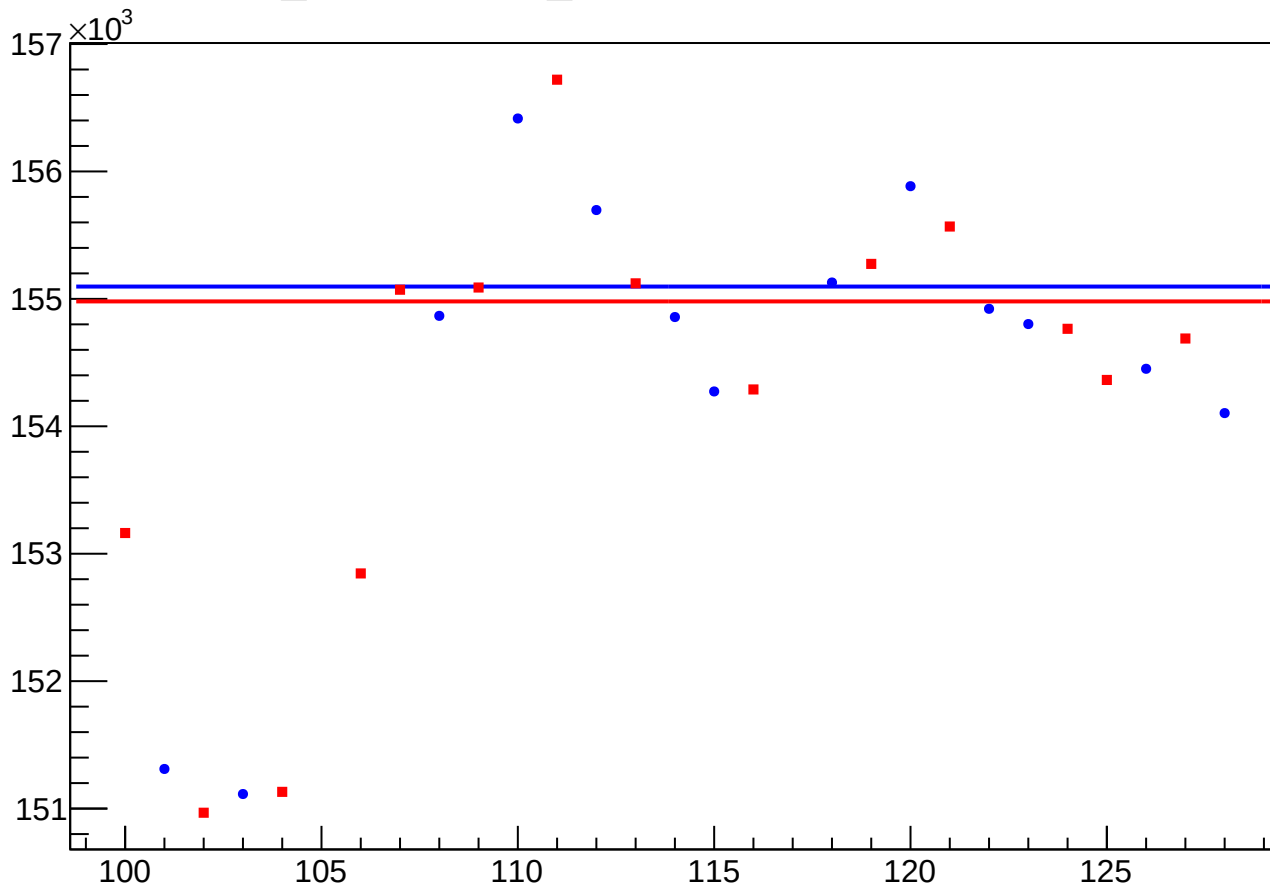
Right: 167.524+/-0.042 χ^2/NDF : 1966320.4/26

In: 175.099+/-0.063 χ^2/NDF : 933163.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.524+/-0.042 χ^2/NDF : 1966320.4/26

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 155096.661+/-0.076 χ^2 /NDF: 191637603.0/12

Right: 155033.113+/-0.051 χ^2 /NDF: 459109570.0/2

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

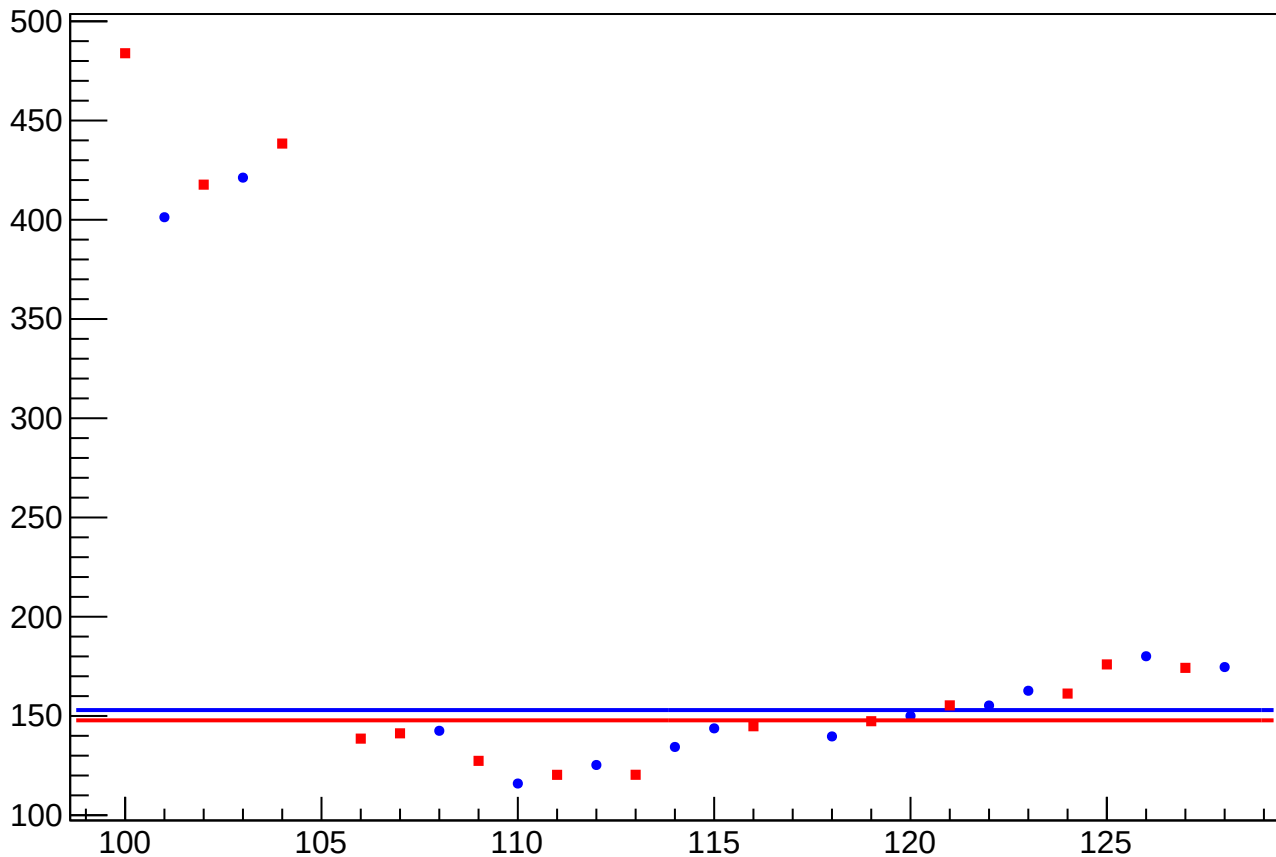
Right Out: 154980.060+/-0.069 χ^2 /NDF: 266183205.4/13

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 155033.113+/-0.051 χ^2 /NDF: 459109570.0/2

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 152.969+/-0.054 χ^2/NDF : 1068900.7/12

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

Right Out: 147.797+/-0.049 χ^2/NDF : 1113061.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

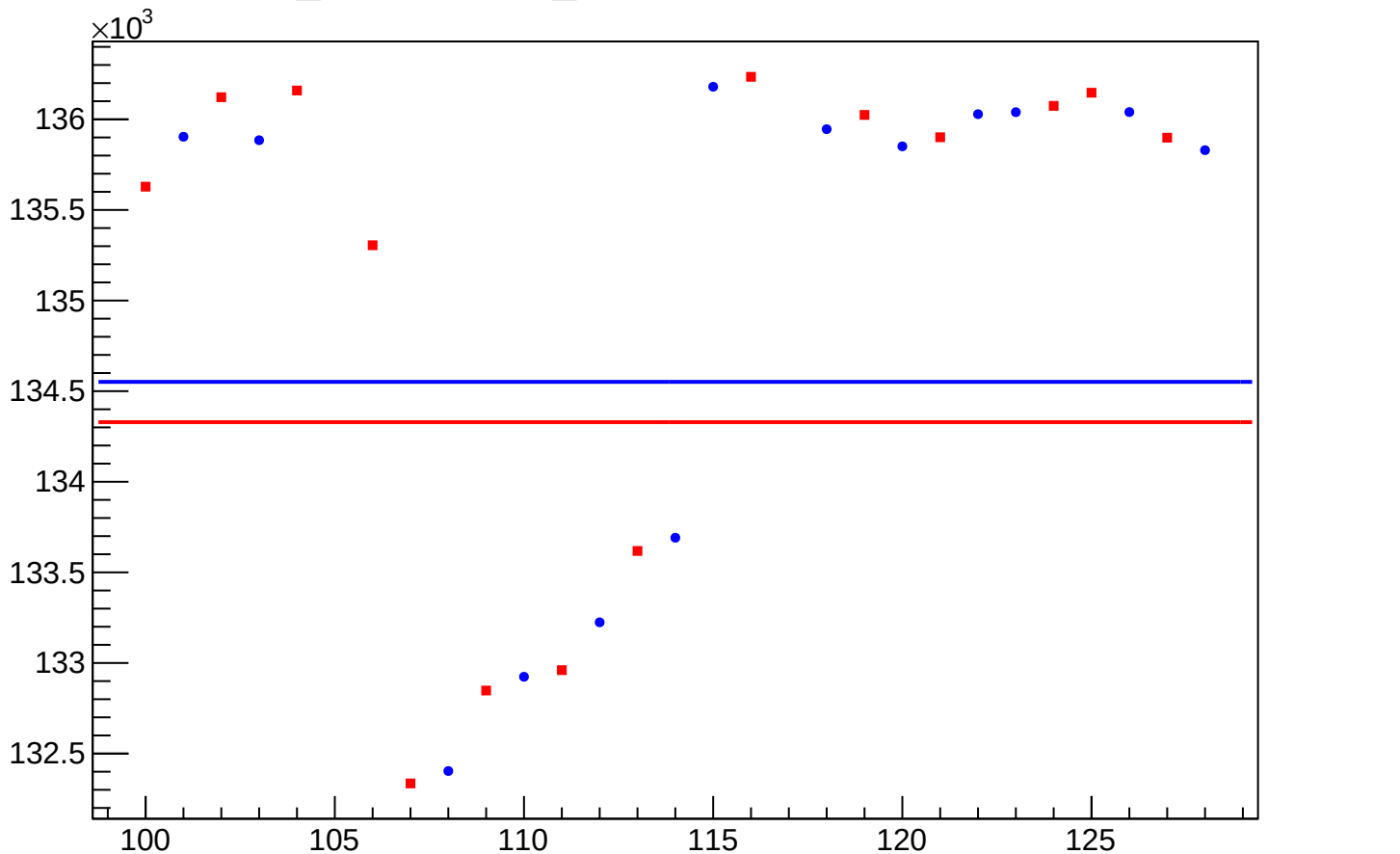
Right: 150.150+/-0.036 χ^2/NDF : 2187034.4/26

In: 152.969+/-0.054 χ^2/NDF :1068900.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

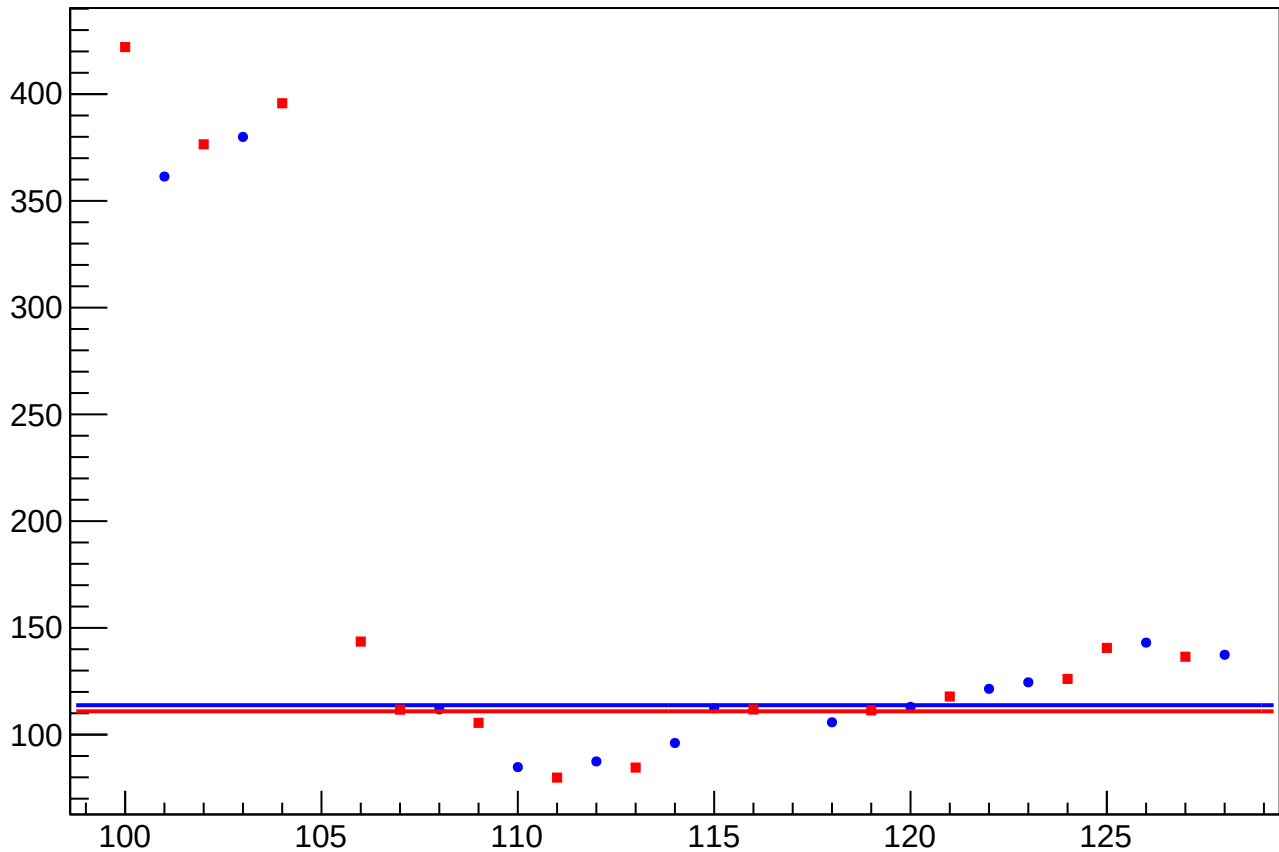
All: 150.150+/-0.036 χ^2/NDF : 2187034.4/26

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 134551.247 $\pm$ 0.057 χ^2 /NDF: 681454218.3/12
 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: 134432.025 $\pm$ 0.039 χ^2 /NDF: 1471514283.1/13
 In: 134551.247 $\pm$ 0.057 χ^2 /NDF: 681454218.3/12
 Right Out: 134328.997 $\pm$ 0.053 χ^2 /NDF: 782045214.9/13
 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: 134432.025 $\pm$ 0.039 χ^2 /NDF: 1471514283.1/13

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 113.777 $\pm$ 0.041 χ^2 /NDF: 1335583.1/12

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

Right Out: 110.917 $\pm$ 0.038 χ^2 /NDF: 1428287.8/13

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

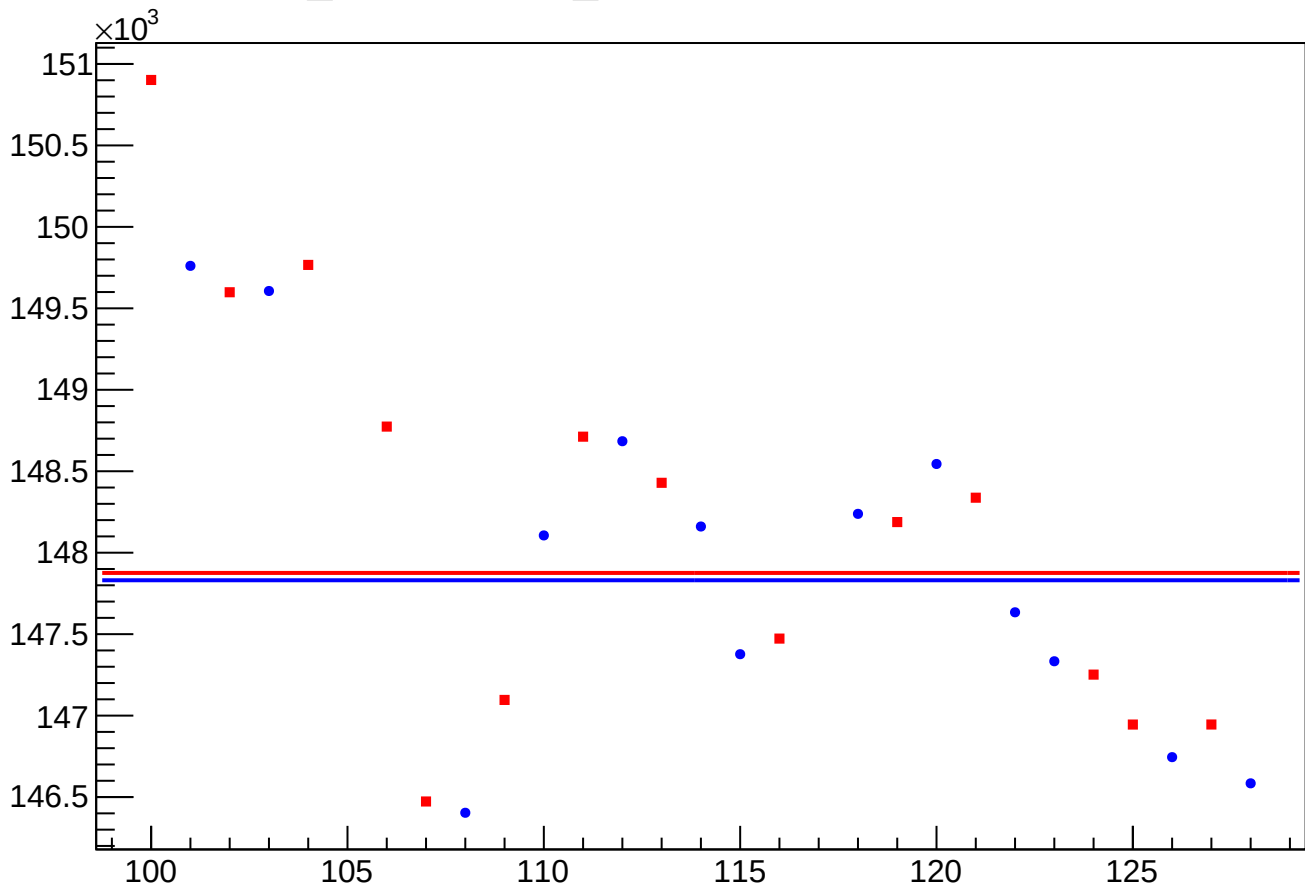
Right: 112.243 $\pm$ 0.028 χ^2 /NDF: 2766525.4/26

In: 113.777 $\pm$ 0.041 χ^2 /NDF:1335583.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 112.243 $\pm$ 0.028 χ^2 /NDF: 2766525.4/26

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 147830.793+/-0.072 χ^2 /NDF: 150617871.4/12

Right: 147855.285+/-0.049 χ^2 /NDF: 314462658.2/2

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

Right Out: 147875.783+/-0.066 χ^2 /NDF: 163634254.8/13

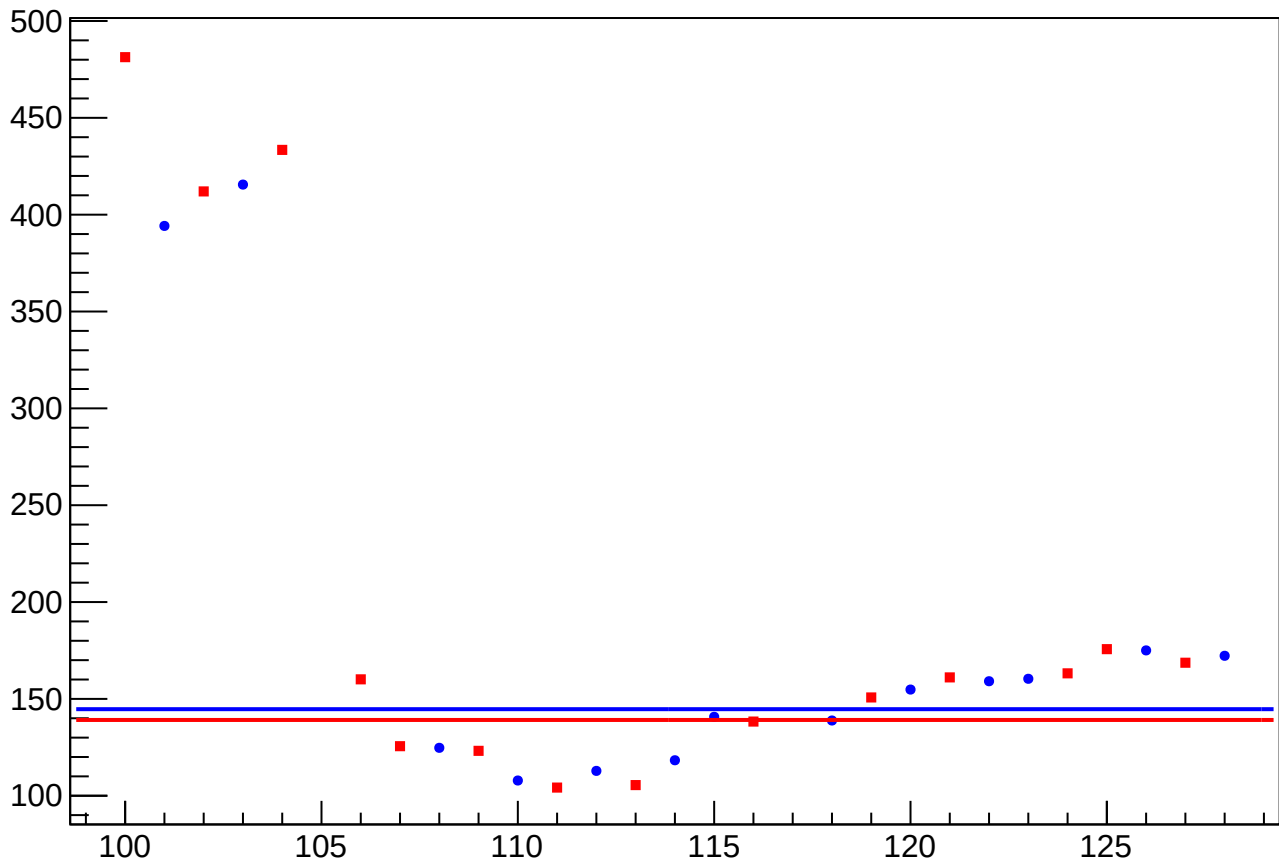
In: 147830.793+/-0.072 χ^2 /NDF: 150617871.4/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 147855.285+/-0.049 χ^2 /NDF: 314462658.2/2

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 144.694+/-0.051 χ^2/NDF : 1184504.8/12

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

Right Out: 139.125+/-0.047 χ^2/NDF : 1298561.3/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

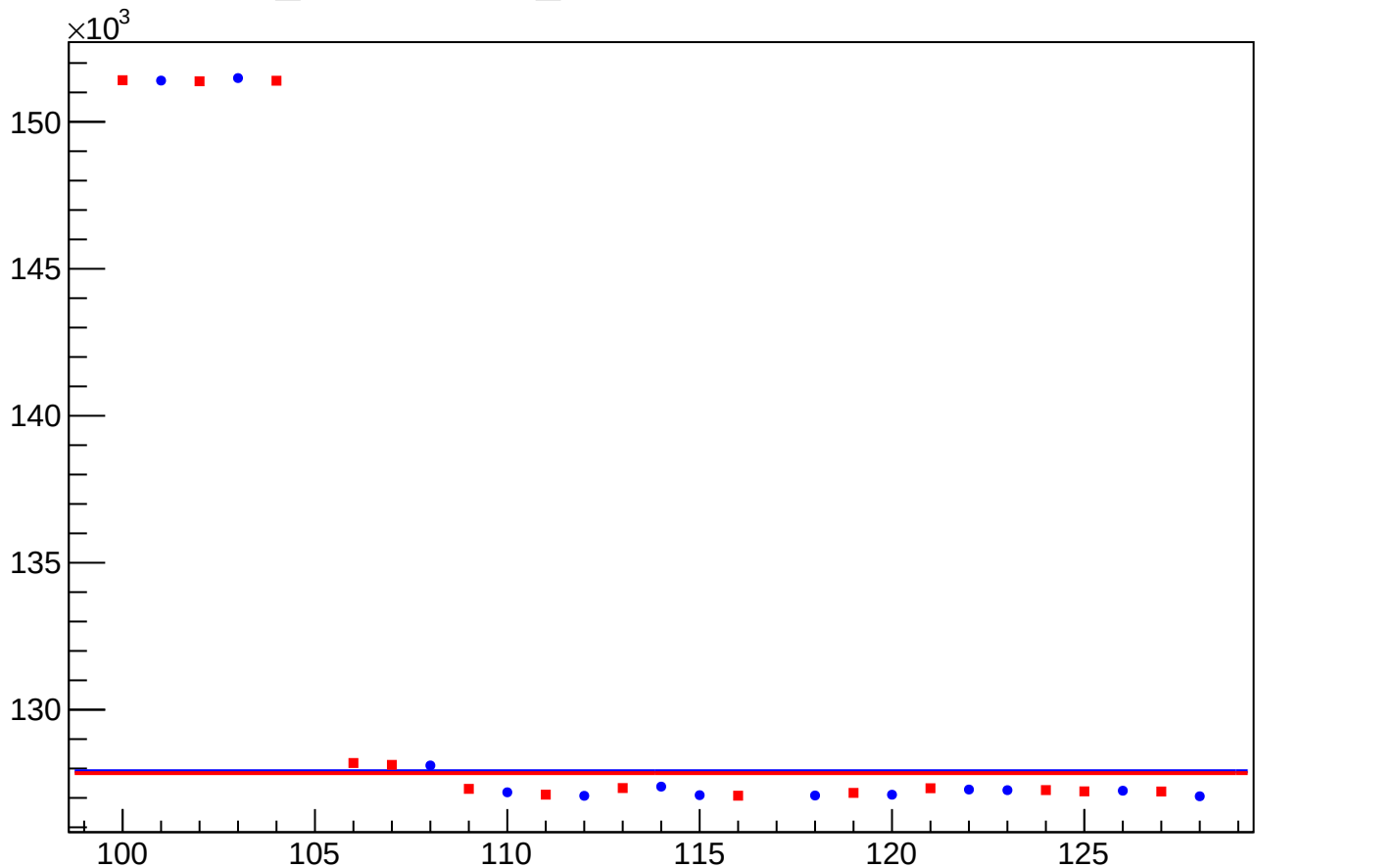
Right: 141.663+/-0.035 χ^2/NDF : 2489517.8/26

In: 144.694+/-0.051 χ^2/NDF :1184504.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

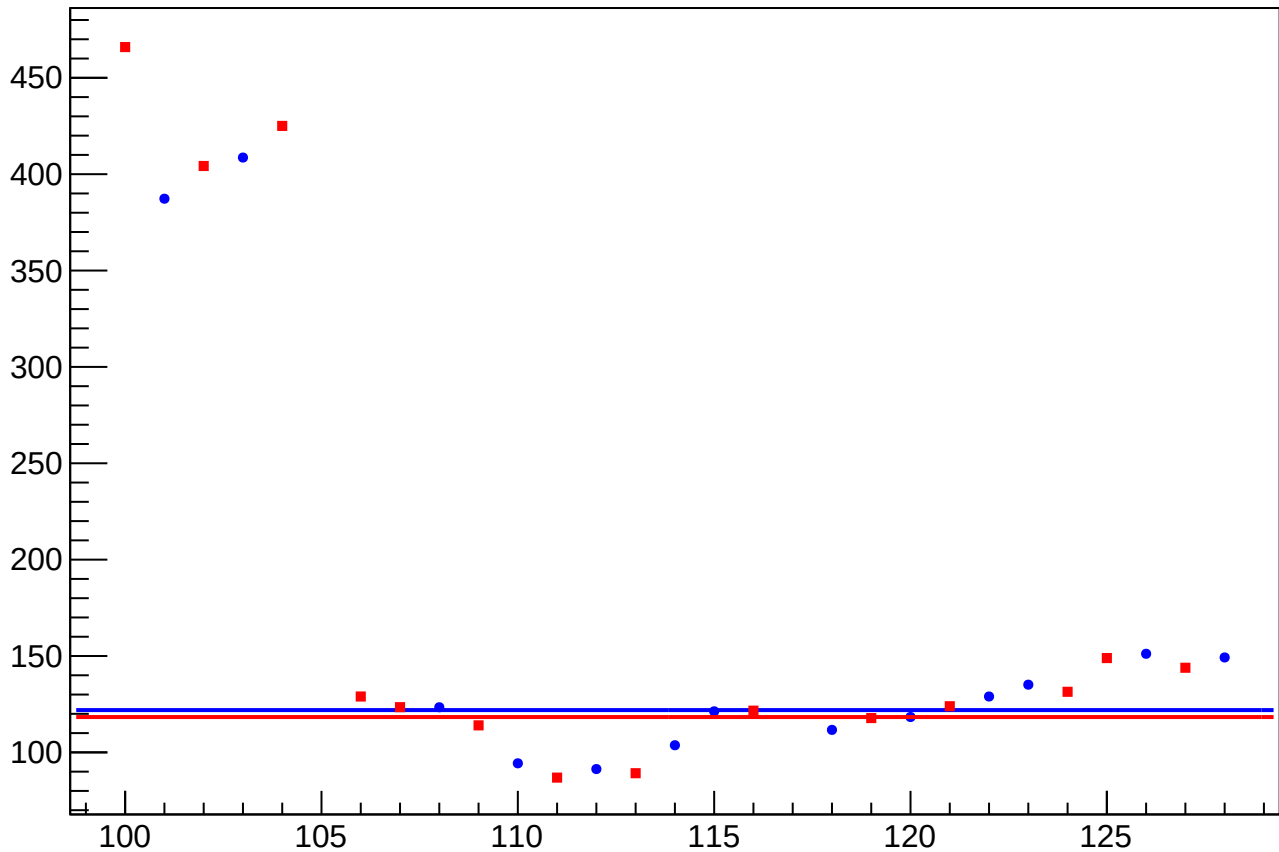
All: 141.663+/-0.035 χ^2/NDF : 2489517.8/26

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 127907.297 $\pm$ 0.062 χ^2 /NDF: 4181604517.6/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 127843.042 $\pm$ 0.057 χ^2 /NDF: 3646112202.3/13
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 127872.399 $\pm$ 0.042 χ^2 /NDF: 7828307127.1/12
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 127872.399 $\pm$ 0.042 χ^2 /NDF: 7828307127.1/12
 In: 127907.297 $\pm$ 0.062 χ^2 /NDF: 4181604517.6/12
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 121.939+/-0.044 χ^2/NDF : 1334536.2/12

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

Right Out: 118.333+/-0.040 χ^2/NDF : 1399697.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

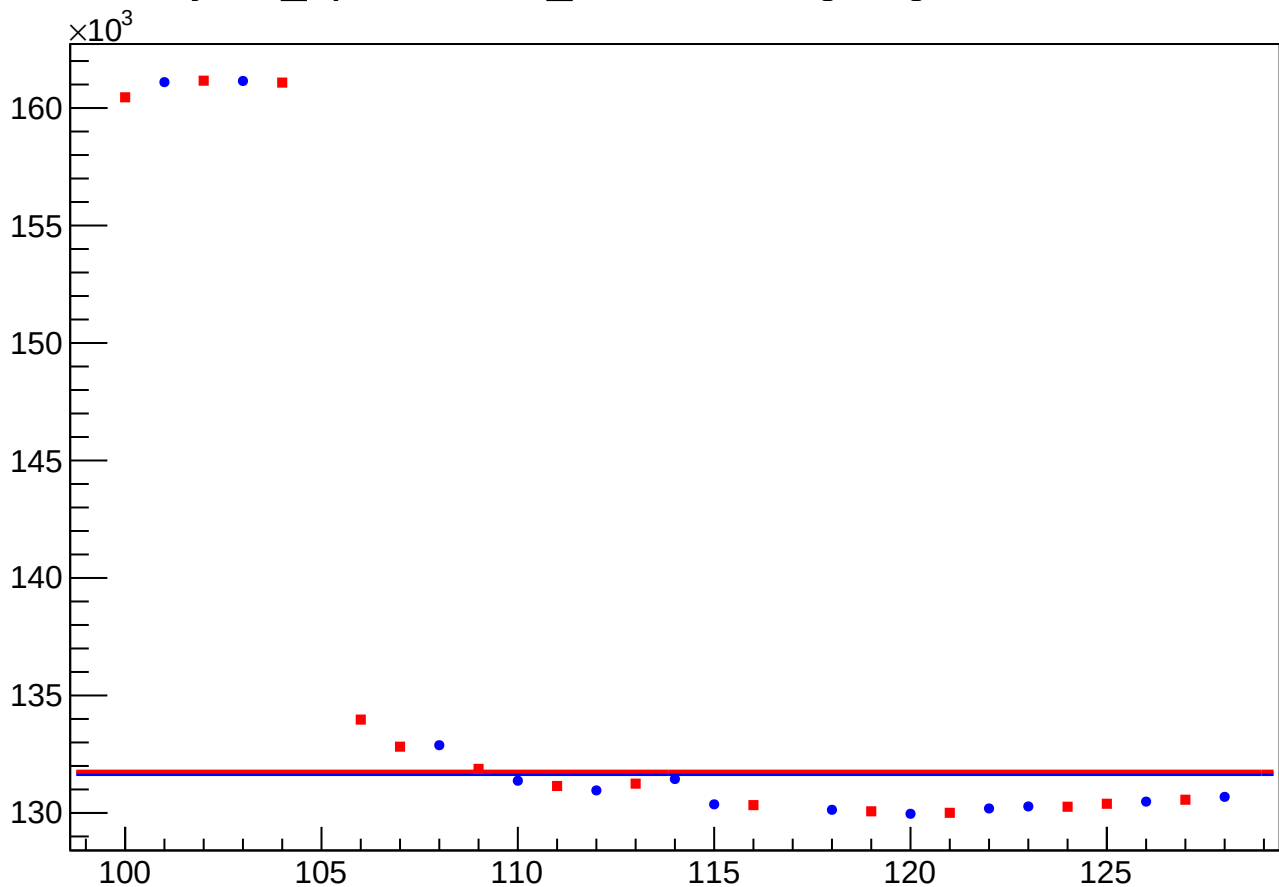
Right: 119.981+/-0.029 χ^2/NDF : 2737954.0/26

In: 121.939+/-0.044 χ^2/NDF : 1334536.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

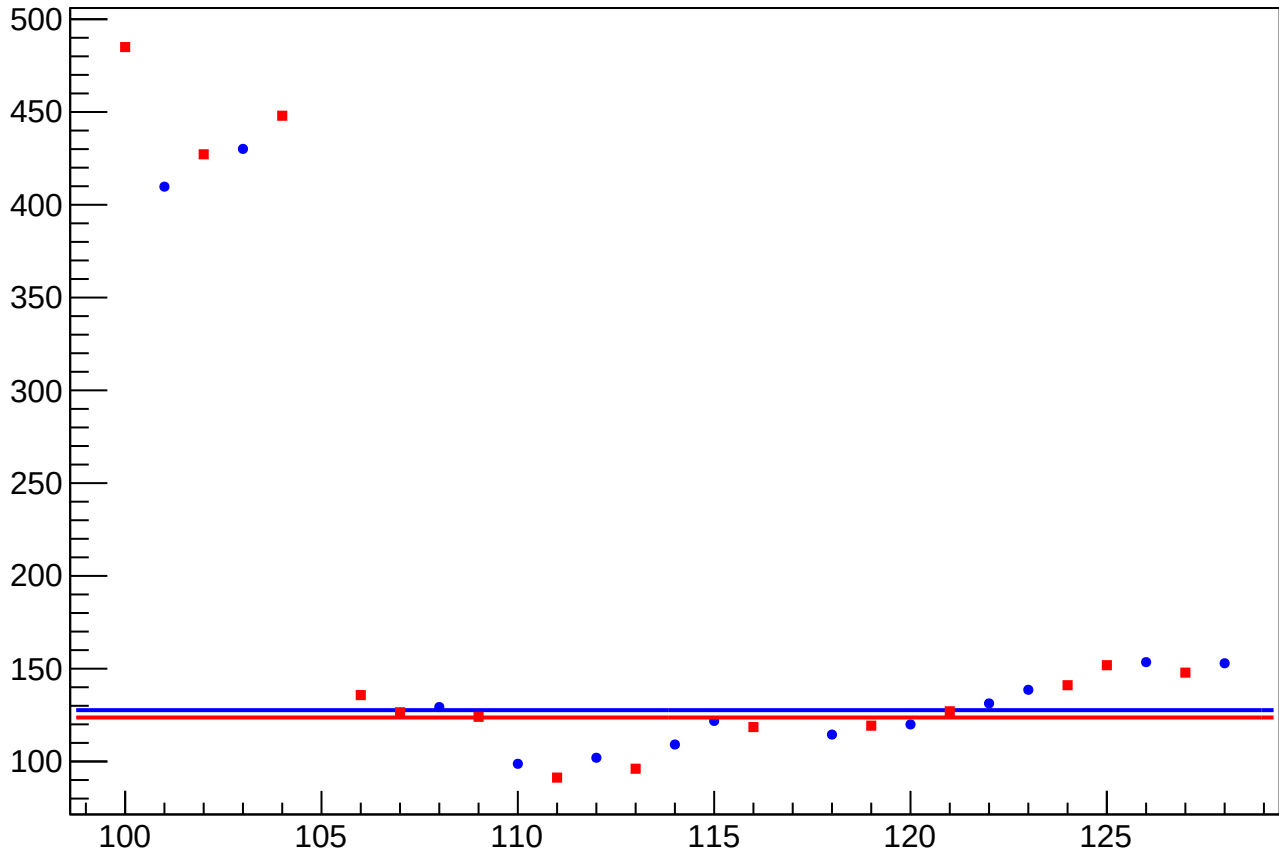
All: 119.981+/-0.029 χ^2/NDF : 2737954.0/26

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: 131656.193 $\pm$ 0.064 χ^2 /NDF: 6006678922.7/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 131758.519 $\pm$ 0.059 χ^2 /NDF: 5347897942.1/13
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 131711.791 $\pm$ 0.043 χ^2 /NDF: 11355950400.0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 131711.791 $\pm$ 0.043 χ^2 /NDF: 11355950400.0
 In: 131656.193 $\pm$ 0.064 χ^2 /NDF: 6006678922.7/12
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 127.654+/-0.046 χ^2/NDF : 1295574.8/12

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

Right Out: 123.697+/-0.042 χ^2/NDF : 1374654.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

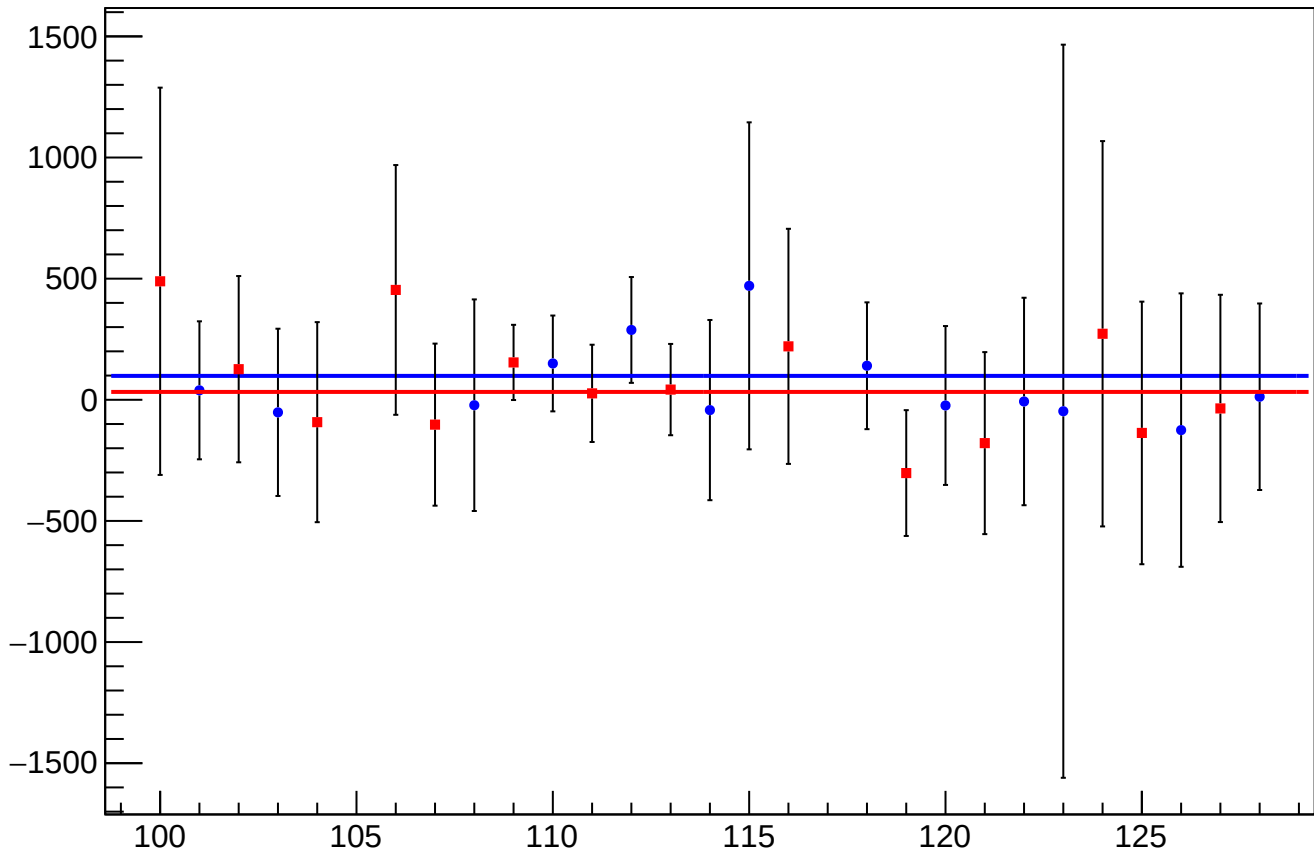
Right: 125.504+/-0.031 χ^2/NDF : 2674338.9/26

In: 127.654+/-0.046 χ^2/NDF : 1295574.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.504+/-0.031 χ^2/NDF : 2674338.9/26

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 98.678+/-90.685 χ^2/NDF : 2.0/12

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

Right Out: 32.507+/-79.782 χ^2/NDF : 4.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

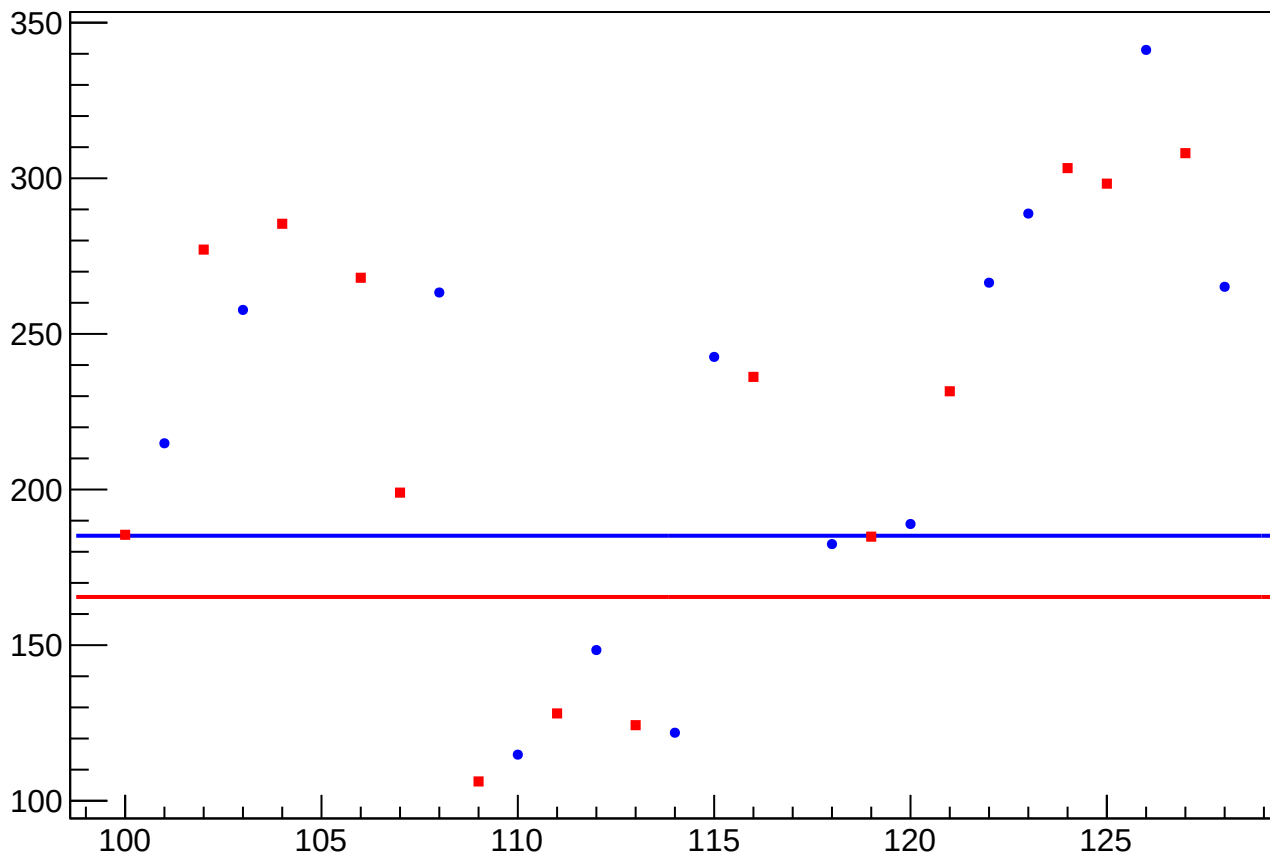
Right: 61.378+/-59.900 χ^2/NDF : 6.6/26

In: 98.678+/-90.685 χ^2/NDF : 2.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.378+/-59.900 χ^2/NDF : 6.6/26

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 185.156+/-0.064 χ^2/NDF : 877370.9/12

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

Right Out: 165.482+/-0.056 χ^2/NDF : 1375121.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

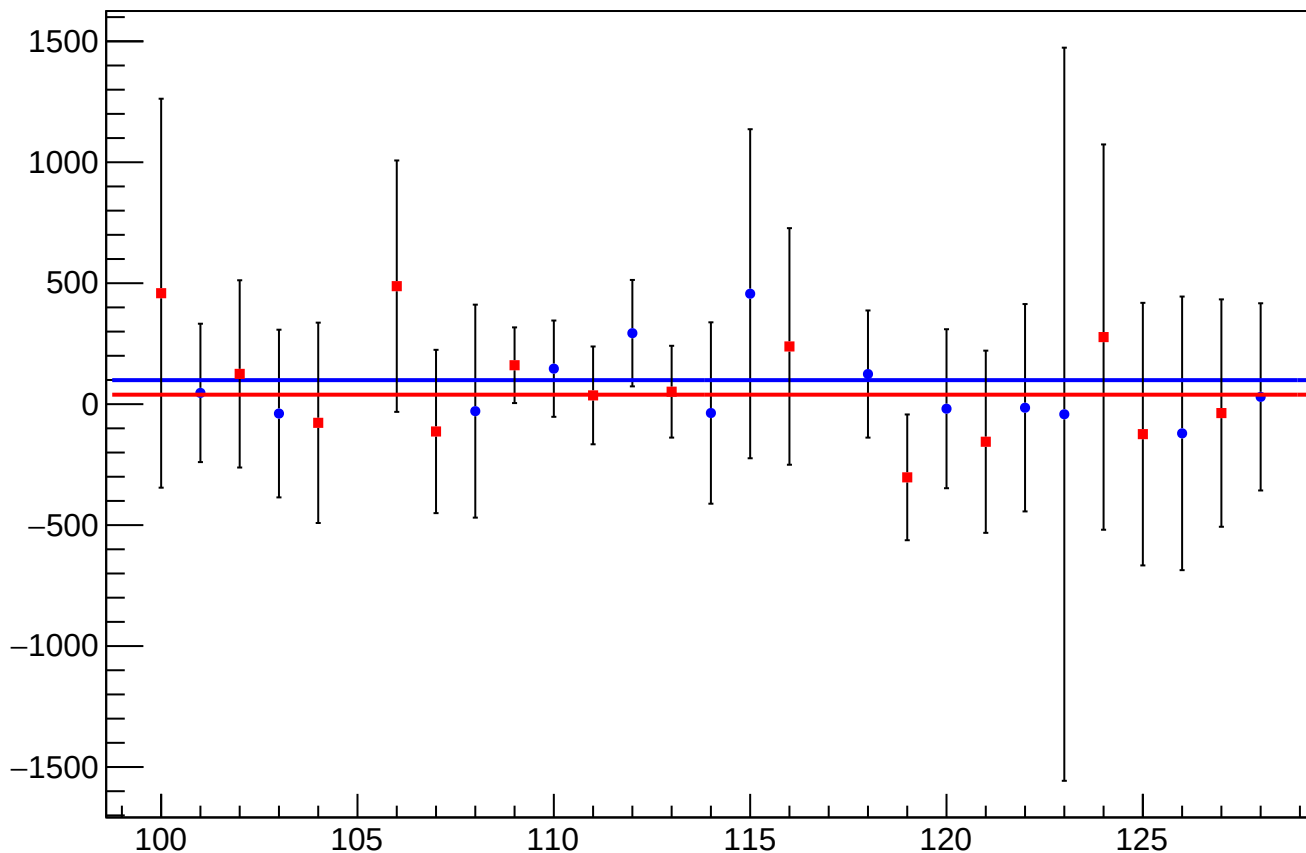
Right: 174.066+/-0.042 χ^2/NDF : 2305553.0/26

In: 185.156+/-0.064 χ^2/NDF : 877370.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.066+/-0.042 χ^2/NDF : 2305553.0/26

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 99.286+/-91.167 χ^2/NDF : 1.9/12

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

Right Out: 39.181+/-80.280 χ^2/NDF : 4.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

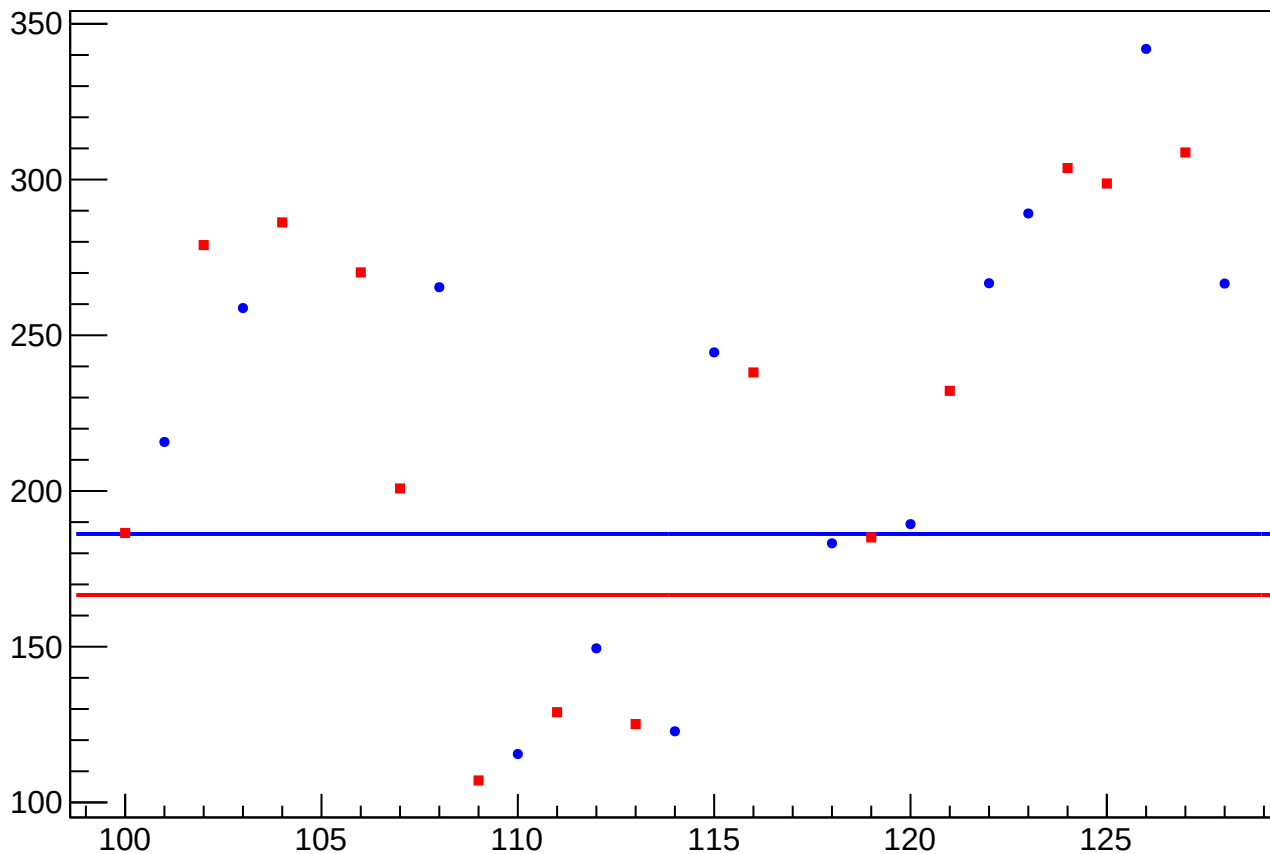
Right: 65.432+/-60.250 χ^2/NDF : 6.5/26

In: 99.286+/-91.167 χ^2/NDF : 1.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.432+/-60.250 χ^2/NDF : 6.5/26

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 186.198+/-0.064 χ^2/NDF : 871654.3/12

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

Right Out: 166.605+/-0.057 χ^2/NDF : 1365232.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

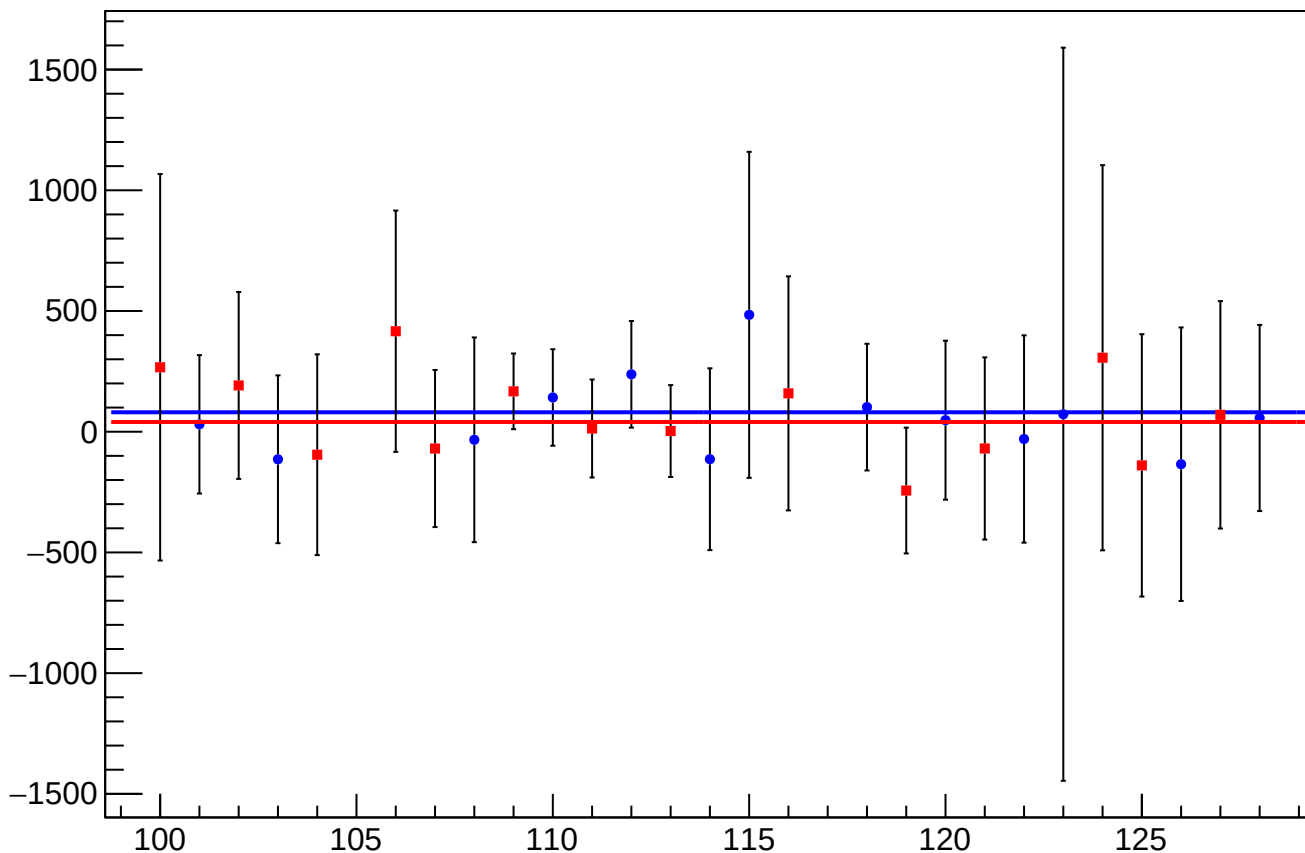
Right: 175.163+/-0.043 χ^2/NDF : 2288915.5/26

In: 186.198+/-0.064 χ^2/NDF : 871654.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.163+/-0.043 χ^2/NDF : 2288915.5/26

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 80.504+/-91.178 χ^2/NDF : 1.9/12

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

Right Out: 40.402+/-80.182 χ^2/NDF : 3.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

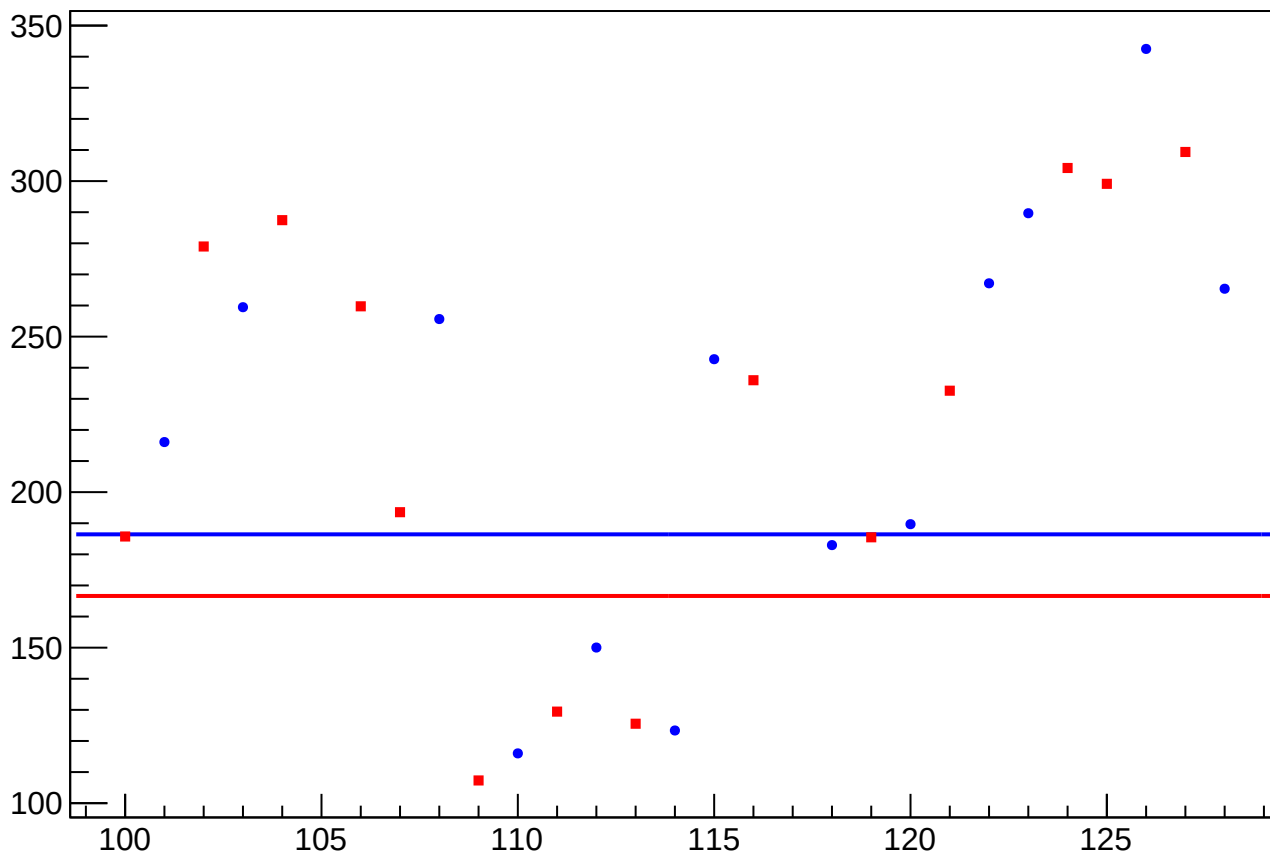
Right: 57.890+/-60.212 χ^2/NDF : 5.3/26

In: 80.504+/-91.178 χ^2/NDF : 1.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.890+/-60.212 χ^2/NDF : 5.3/26

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 186.432+/-0.064 χ^2/NDF : 852042.6/12

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

Right Out: 166.622+/-0.057 χ^2/NDF : 1343025.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

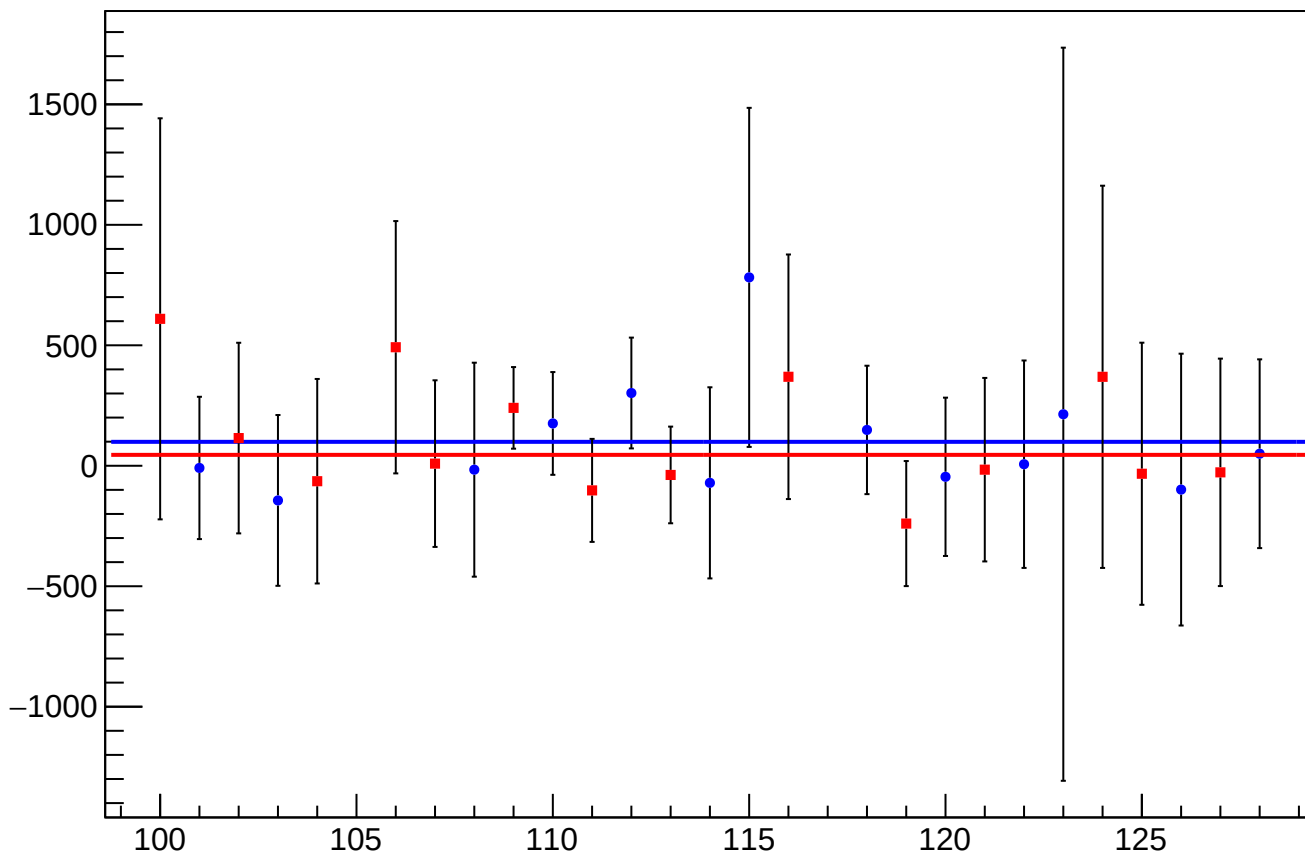
Right: 175.261+/-0.043 χ^2/NDF : 2248306.3/26

In: 186.432+/-0.064 χ^2/NDF :852042.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 175.261+/-0.043 χ^2/NDF : 2248306.3/26

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 99.329+/-94.232 χ^2/NDF : 3.1/12

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

Right Out: 45.287+/-83.895 χ^2/NDF : 5.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

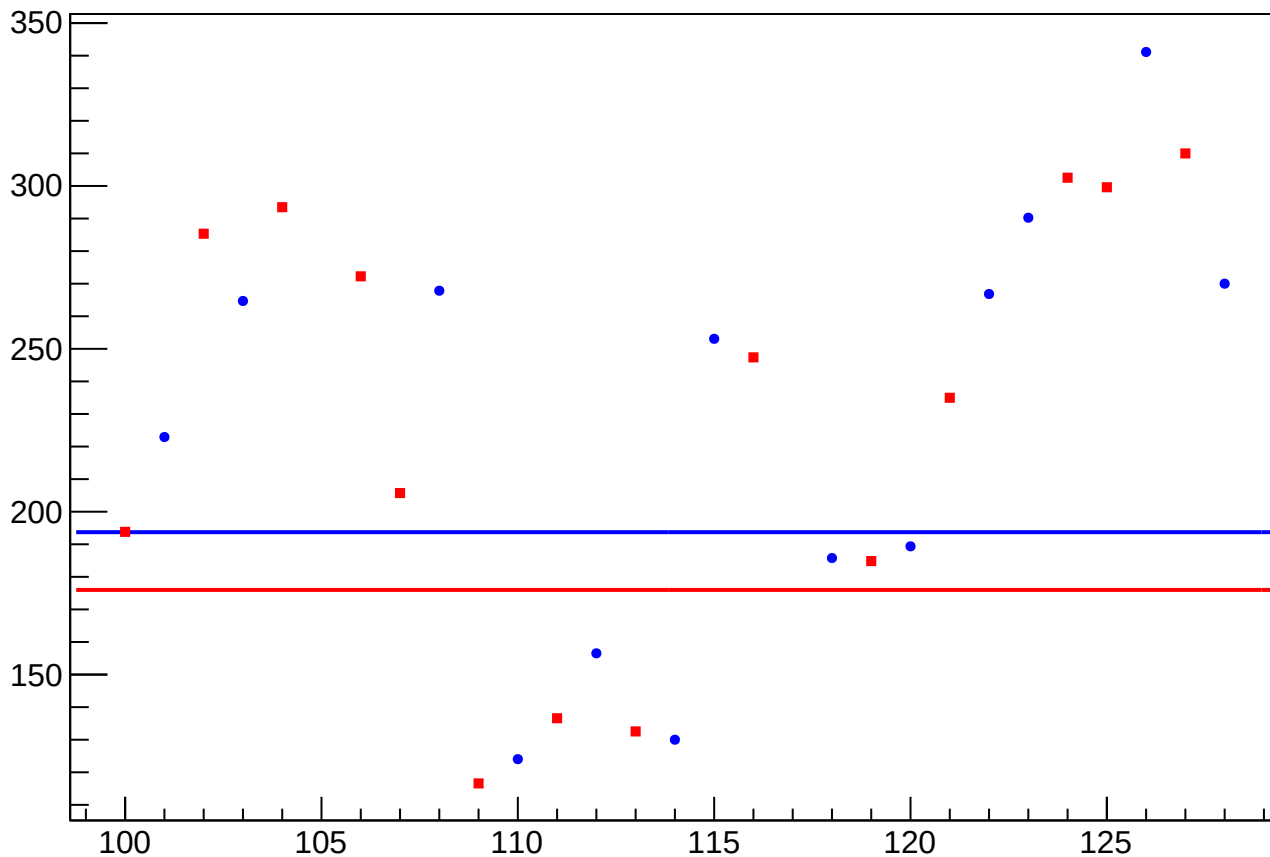
Right: 69.183+/-62.660 χ^2/NDF : 8.4/26

In: 99.329+/-94.232 χ^2/NDF : 3.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.183+/-62.660 χ^2/NDF : 8.4/26

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 193.712+/-0.067 χ^2/NDF : 767556.1/12

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

Right Out: 175.989+/-0.059 χ^2/NDF : 1202483.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

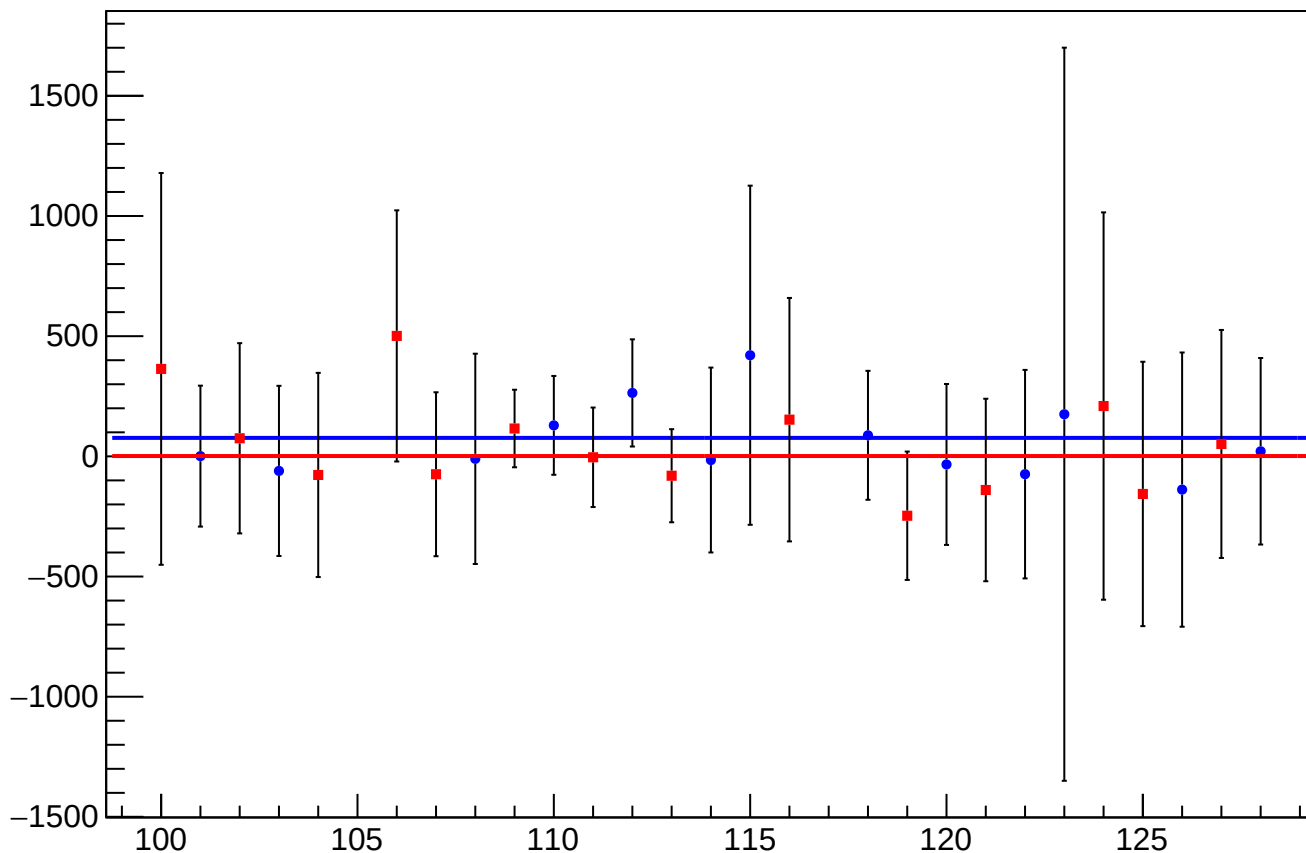
Right: 183.825+/-0.044 χ^2/NDF : 2009508.8/26

In: 193.712+/-0.067 χ^2/NDF : 767556.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.825+/-0.044 χ^2/NDF : 2009508.8/26

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 76.864 $\pm$ 92.981 χ^2 /NDF: 1.7/12

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

Right Out: 1.367 $\pm$ 82.125 χ^2 /NDF: 3.2/13

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

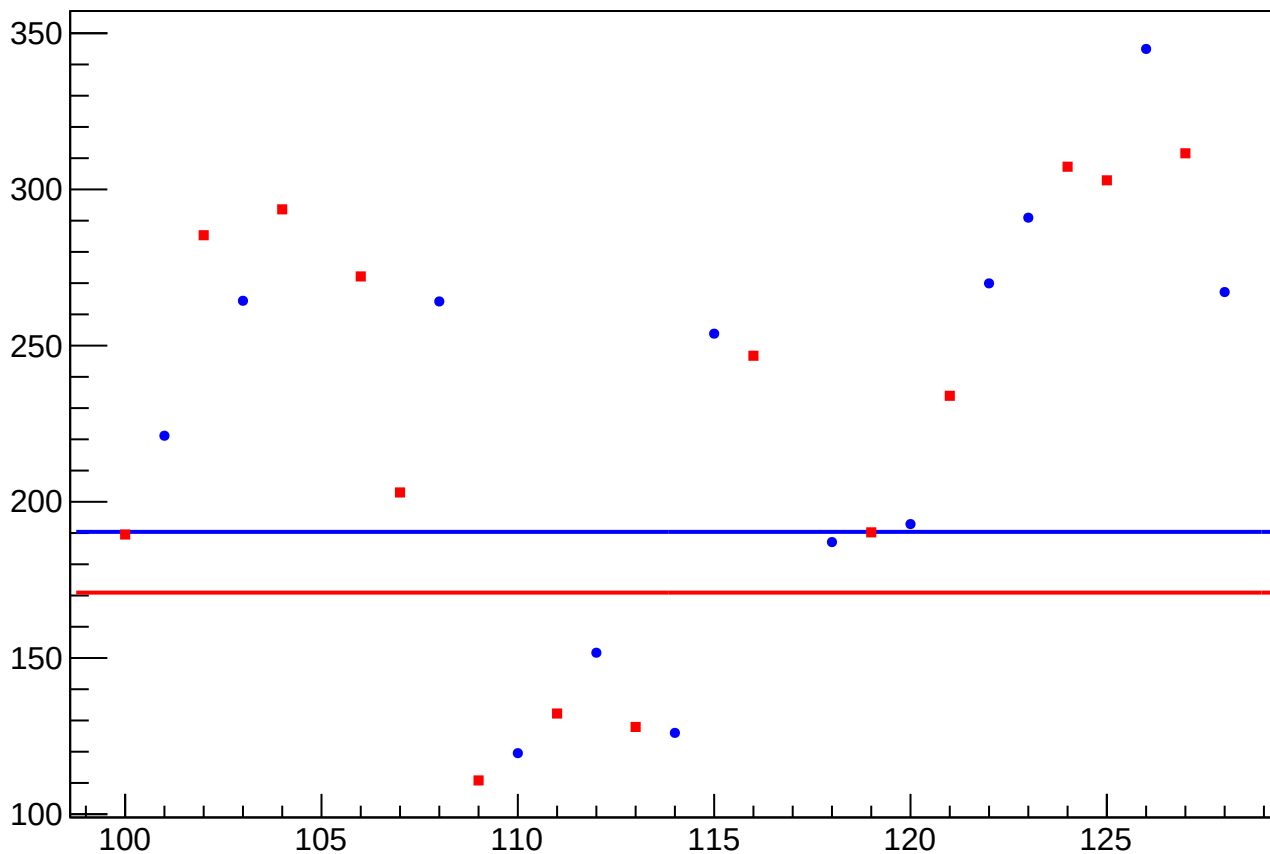
Right: 34.453 $\pm$ 61.553 χ^2 /NDF: 5.3/26

In: 76.864 $\pm$ 92.981 χ^2 /NDF:1.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 34.453 $\pm$ 61.553 χ^2 /NDF: 5.3/26

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 190.378+/-0.066 χ^2/NDF : 837567.7/12

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

Right Out: 170.931+/-0.058 χ^2/NDF : 1332810.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

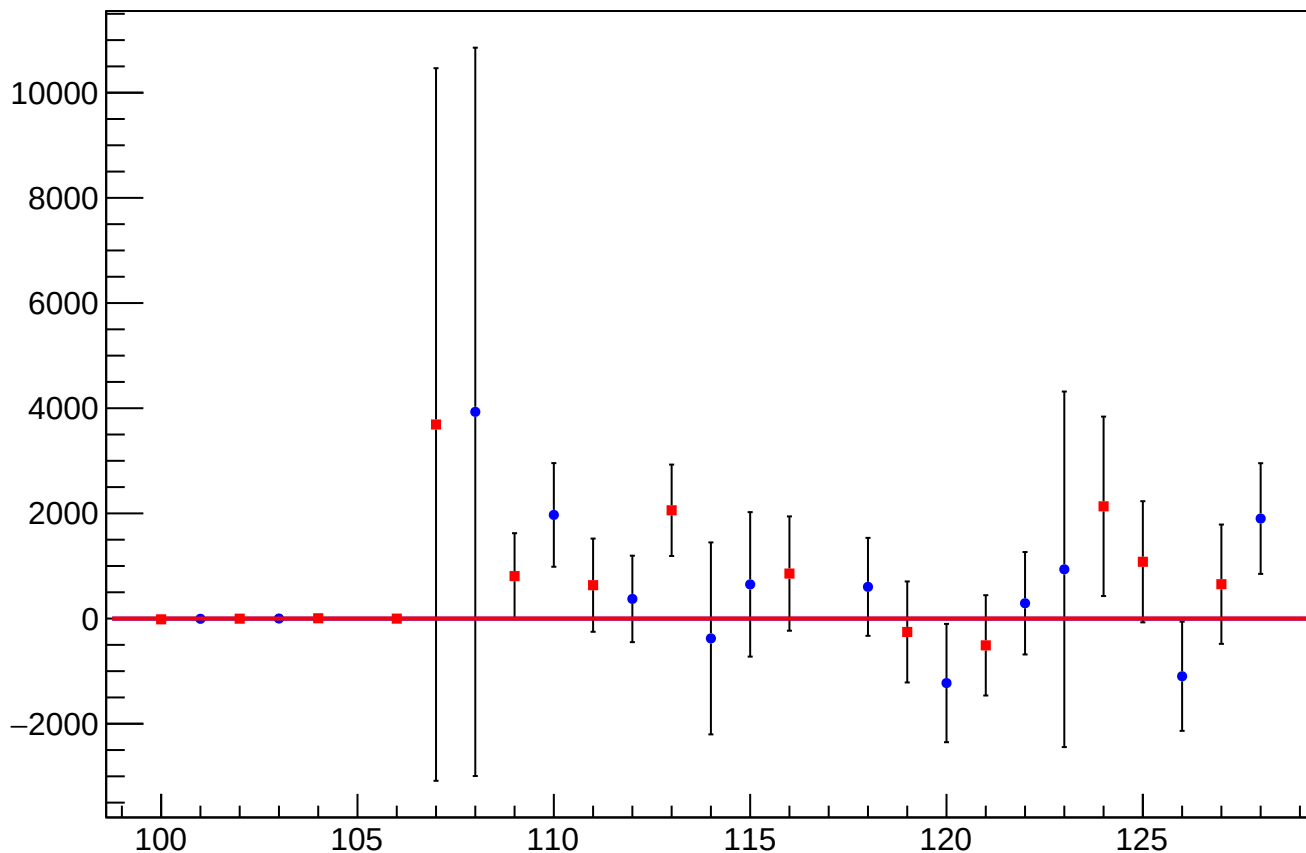
Right: 179.453+/-0.044 χ^2/NDF : 2219522.7/26

In: 190.378+/-0.066 χ^2/NDF : 837567.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.453+/-0.044 χ^2/NDF : 2219522.7/26

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.501+/-2.251 χ^2/NDF : 12.3/12

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

Right Out: 0.742+/-2.111 χ^2/NDF : 17.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

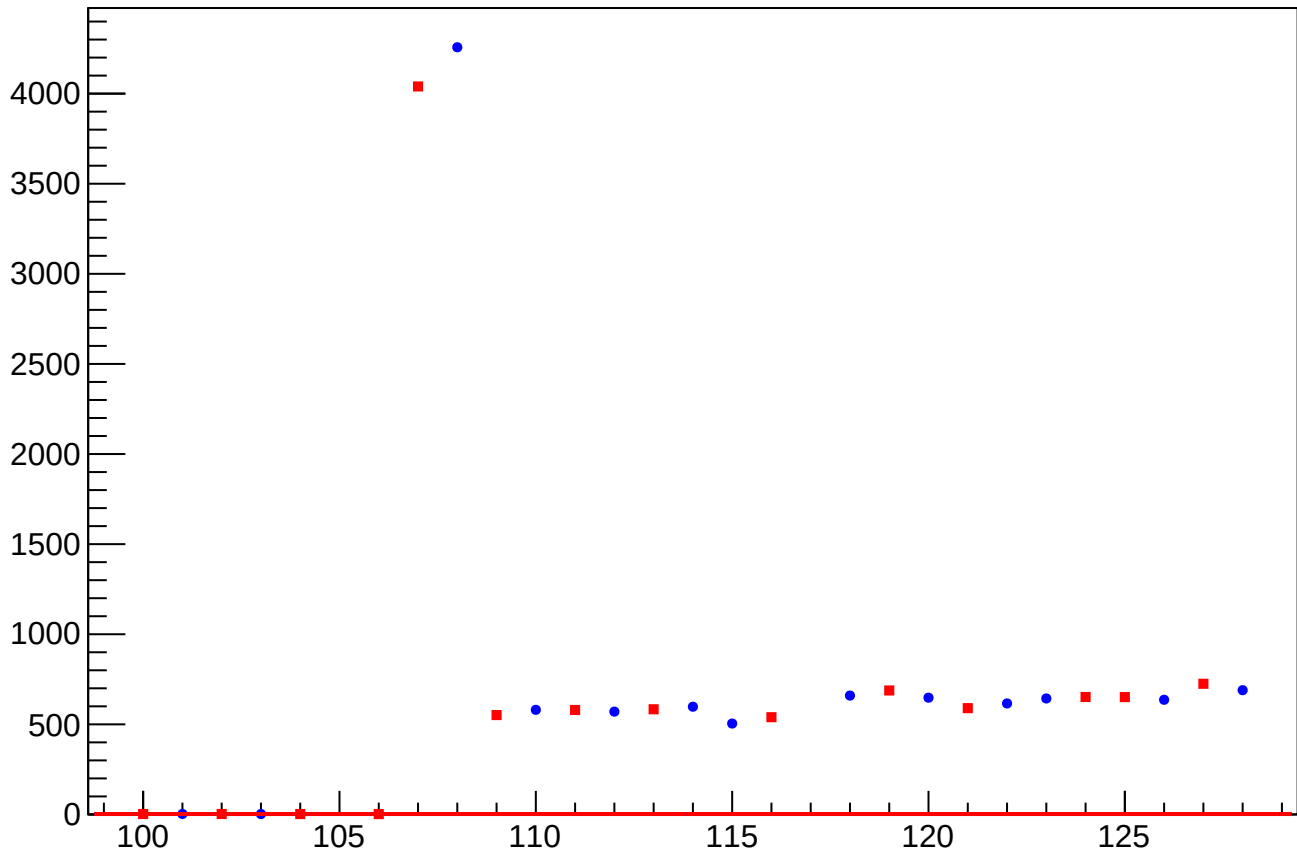
Right: -0.308+/-1.540 χ^2/NDF : 29.9/26

In: -1.501+/-2.251 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.308+/-1.540 χ^2/NDF : 29.9/26

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.436+/-0.002 χ^2/NDF : 7009948.0/12

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

Right Out: 2.420+/-0.001 χ^2/NDF : 7372346.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

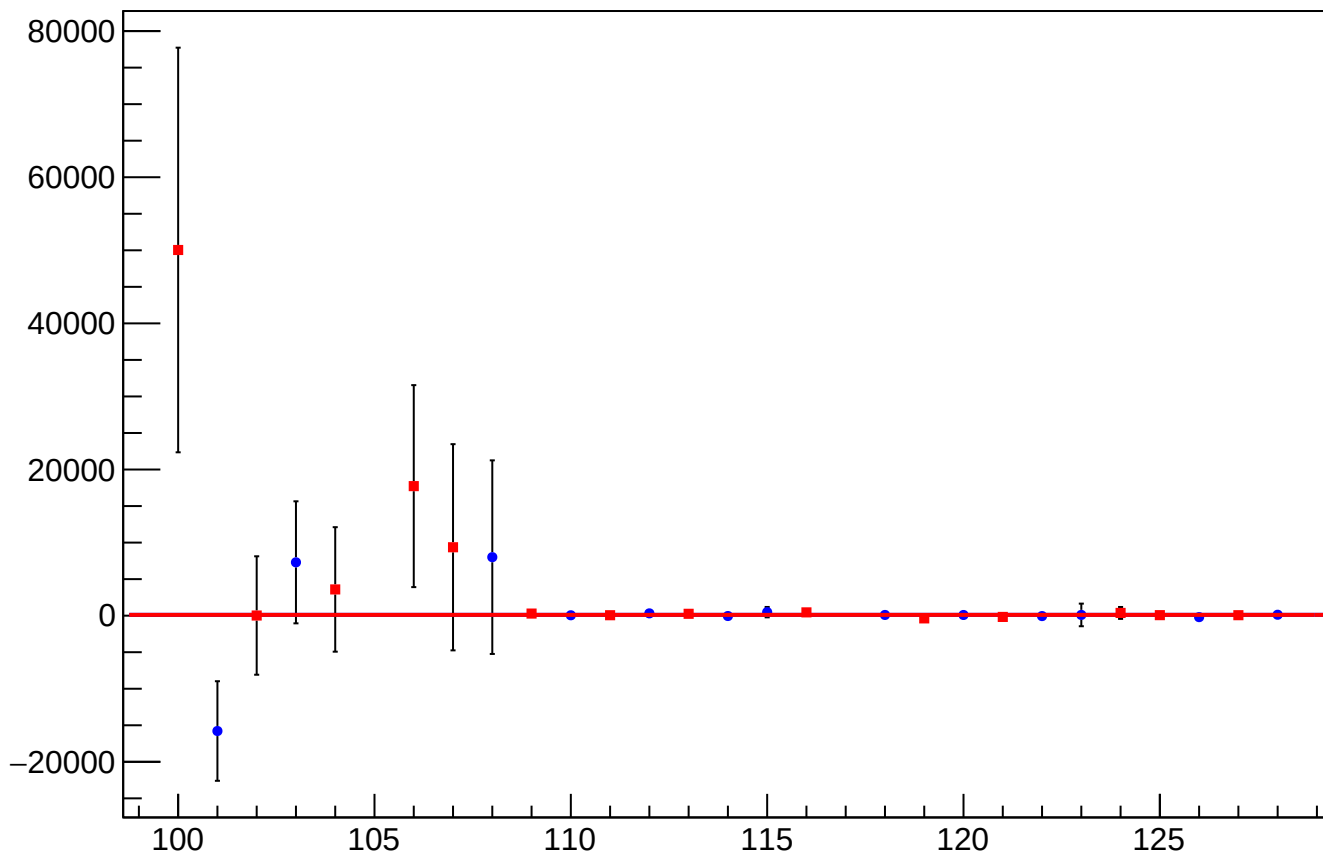
Right: 2.428+/-0.001 χ^2/NDF : 14382348.6/26

In: 2.436+/-0.002 χ^2/NDF : 7009948.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.428+/-0.001 χ^2/NDF : 14382348.6/26

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 113.179+/-107.714 χ^2/NDF : 8.3/12

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

Right Out: 108.772+/-100.958 χ^2/NDF : 10.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

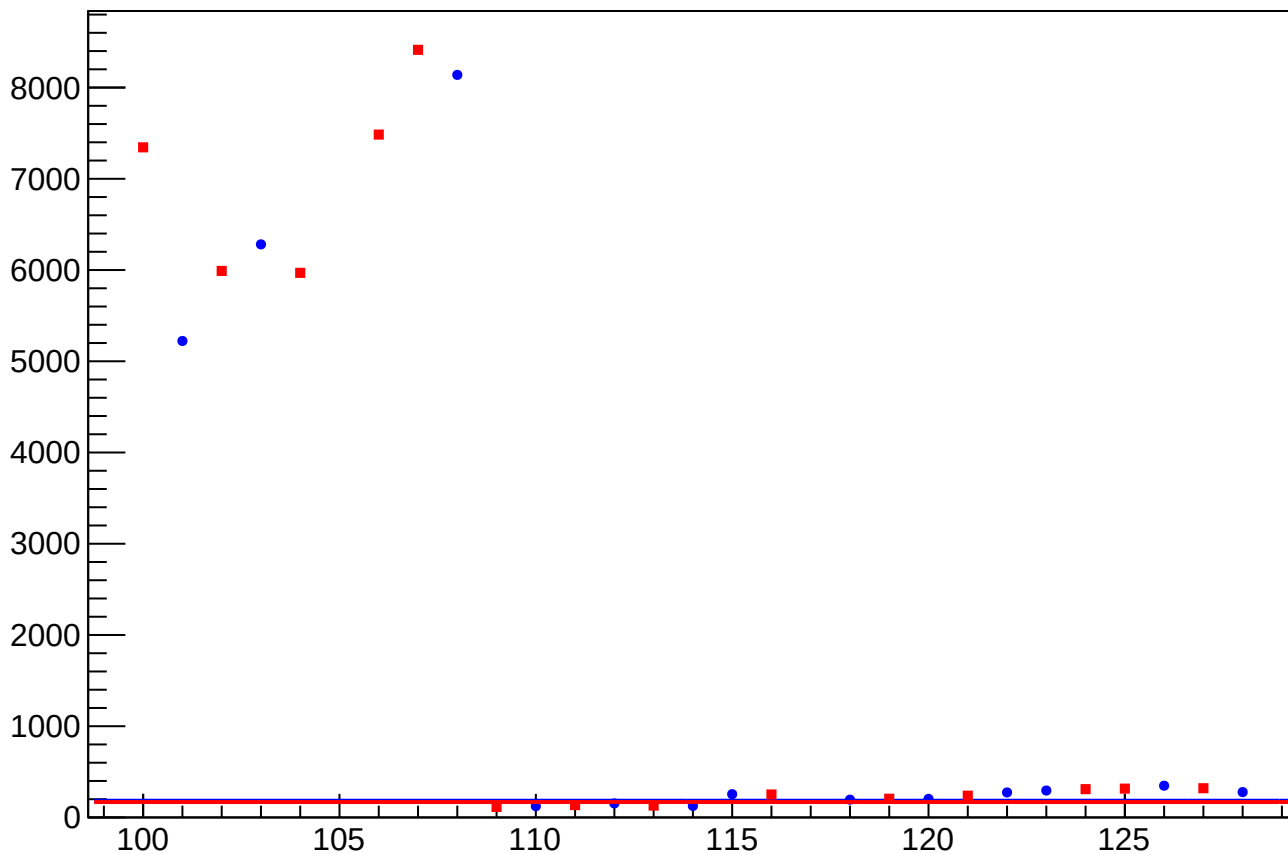
Right: 110.833+/-73.661 χ^2/NDF : 18.9/26

In: 113.179+/-107.714 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.833+/-73.661 χ^2/NDF : 18.9/26

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 183.302+/-0.076 χ^2/NDF : 3518372.9/12

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

Right Out: 169.067+/-0.071 χ^2/NDF : 4105311.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

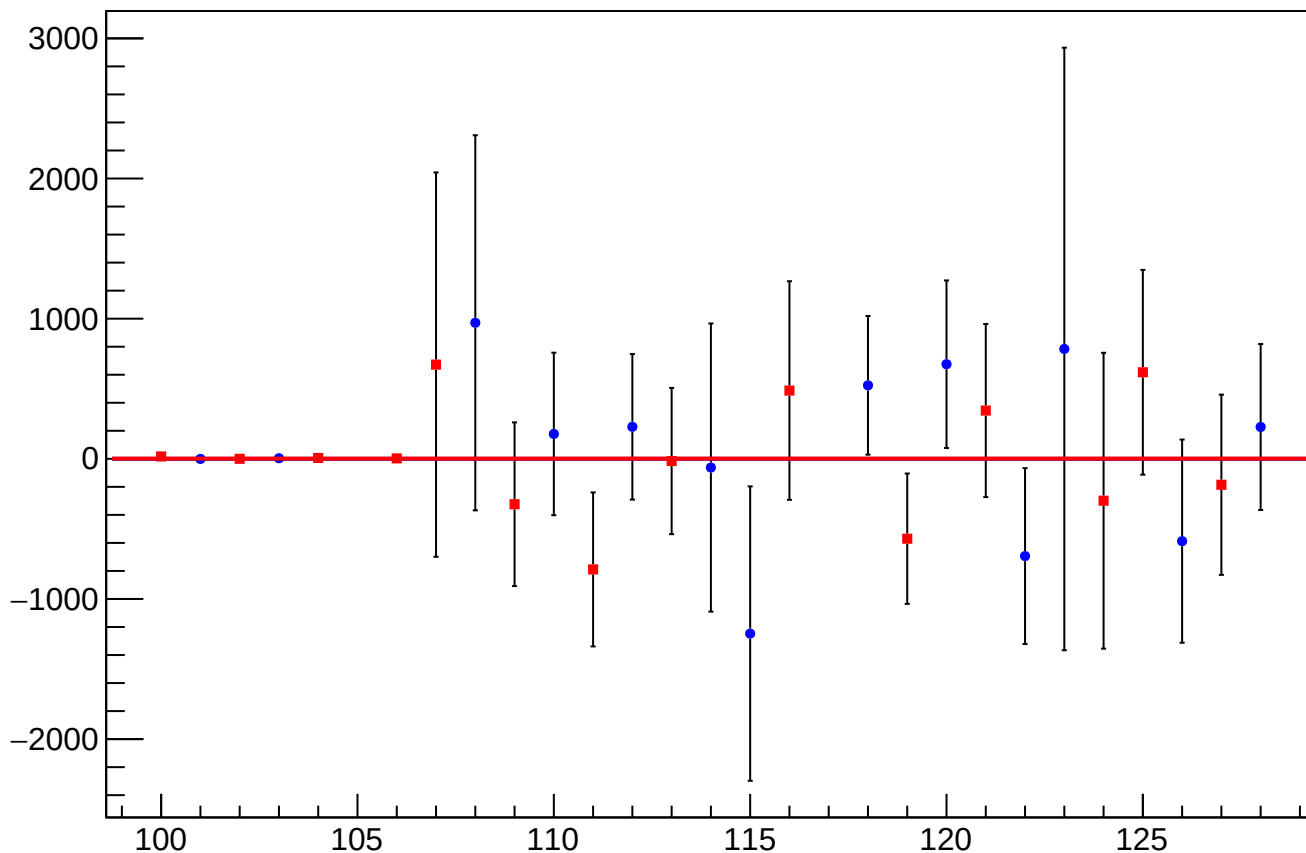
Right: 175.724+/-0.052 χ^2/NDF : 7642277.8/26

In: 183.302+/-0.076 χ^2/NDF : 3518372.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.724+/-0.052 χ^2/NDF : 7642277.8/26

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.152 ± 1.737 χ^2/NDF : 7.6/12

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

Right Out: 1.324 ± 1.623 χ^2/NDF : 8.4/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

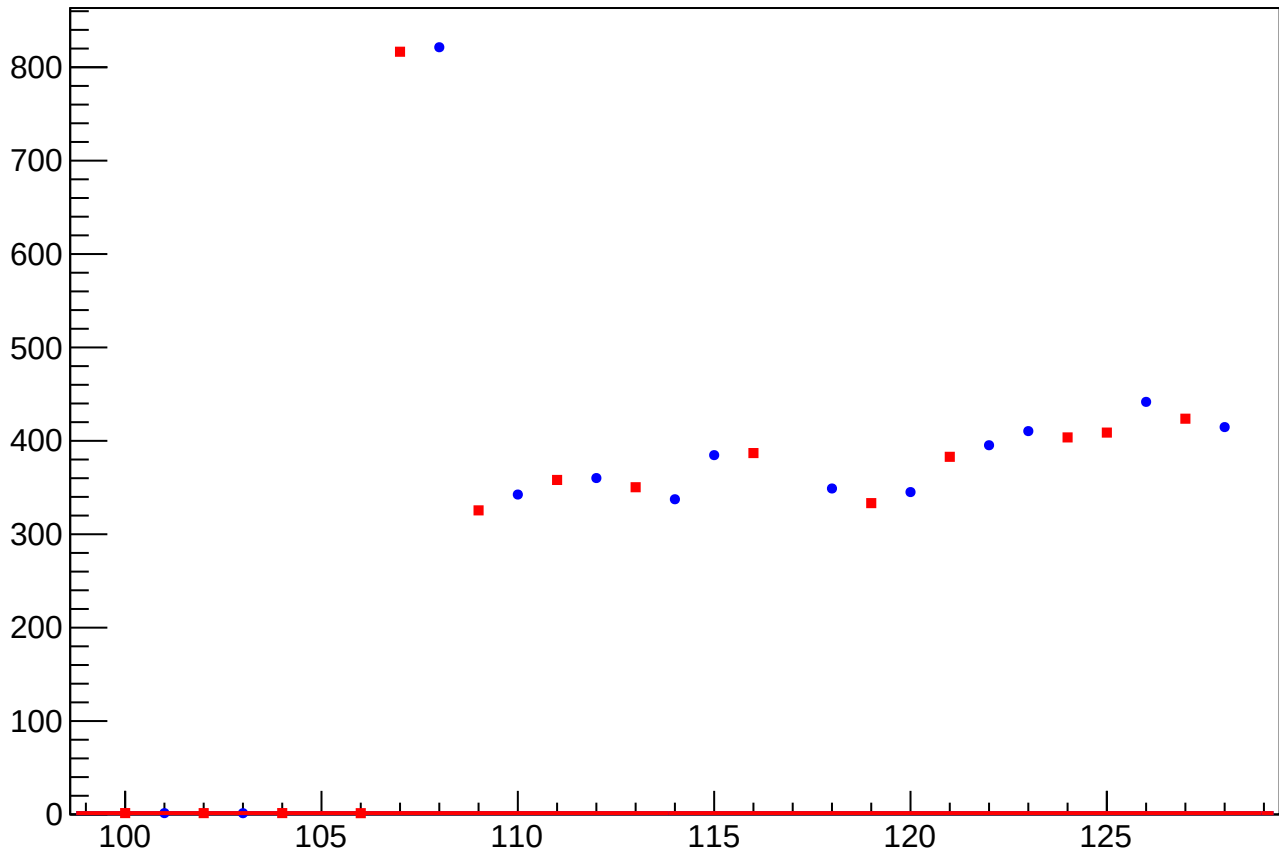
Right: 0.636 ± 1.186 χ^2/NDF : 16.4/26

In: -0.152 ± 1.737 χ^2/NDF : 7.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.636 ± 1.186 χ^2/NDF : 16.4/26

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.438+/-0.001 χ^2/NDF : 7098167.0/12

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

Right Out: 1.438+/-0.001 χ^2/NDF : 7106614.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

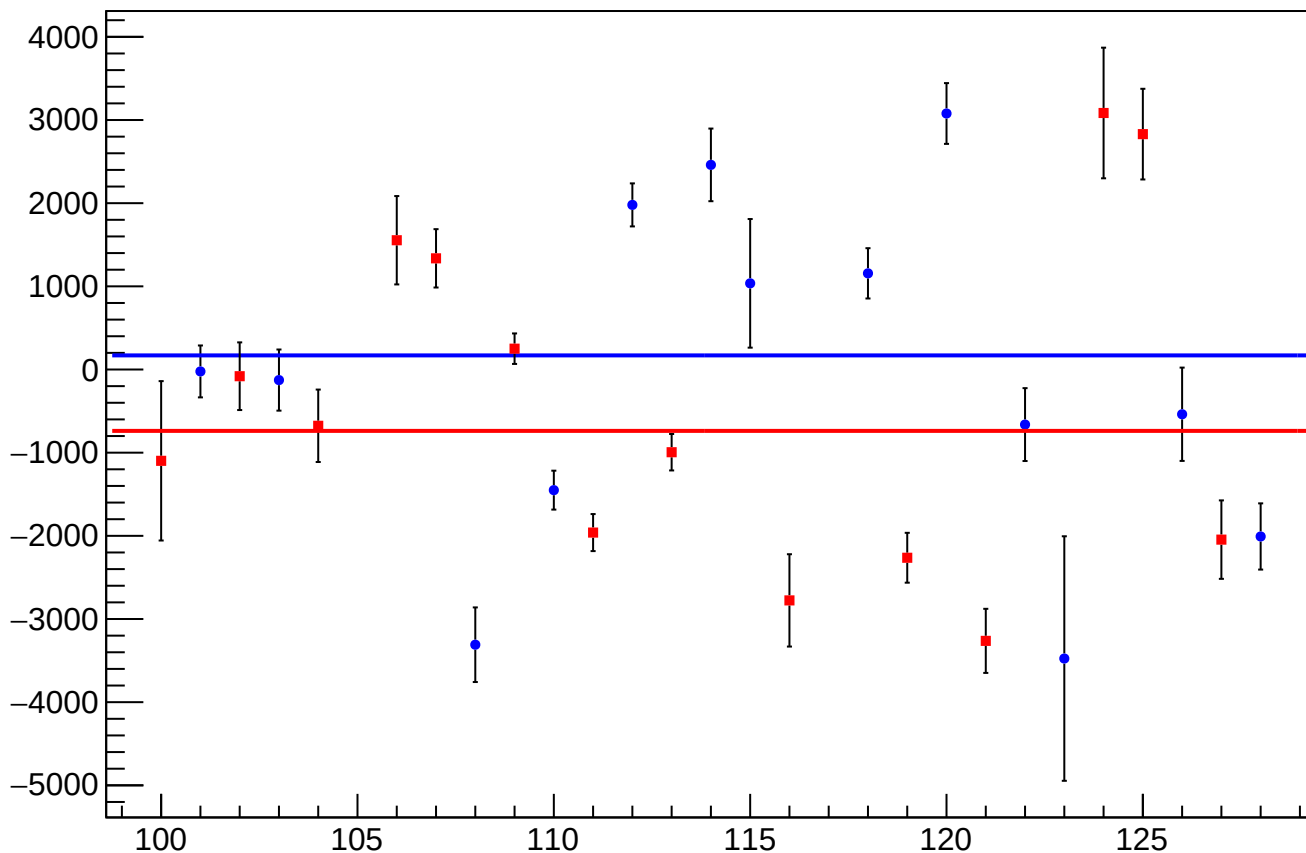
Right: 1.438+/-0.001 χ^2/NDF : 14204781.3/26

In: 1.438+/-0.001 χ^2/NDF : 7098167.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.438+/-0.001 χ^2/NDF : 14204781.3/26

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 169.688+/-101.876 χ^2/NDF : 302.1/12

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

Right Out: -738.049+/-89.301 χ^2/NDF : 273.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

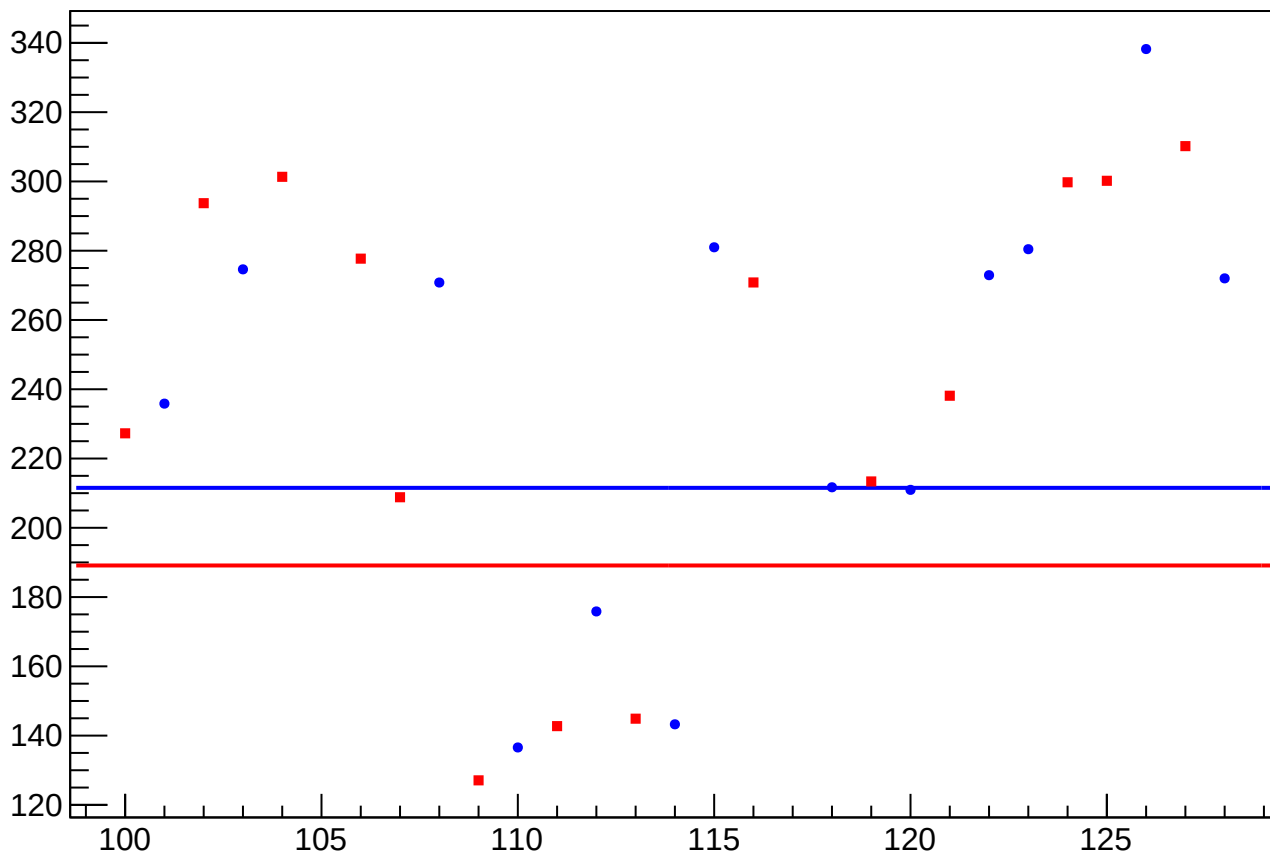
Right: -343.633+/-67.154 χ^2/NDF : 620.5/26

In: 169.688+/-101.876 χ^2/NDF : 302.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -343.633+/-67.154 χ^2/NDF : 620.5/26

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 211.533+/-0.072 χ^2/NDF : 606203.6/12

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

Right Out: 189.120+/-0.063 χ^2/NDF : 1070552.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

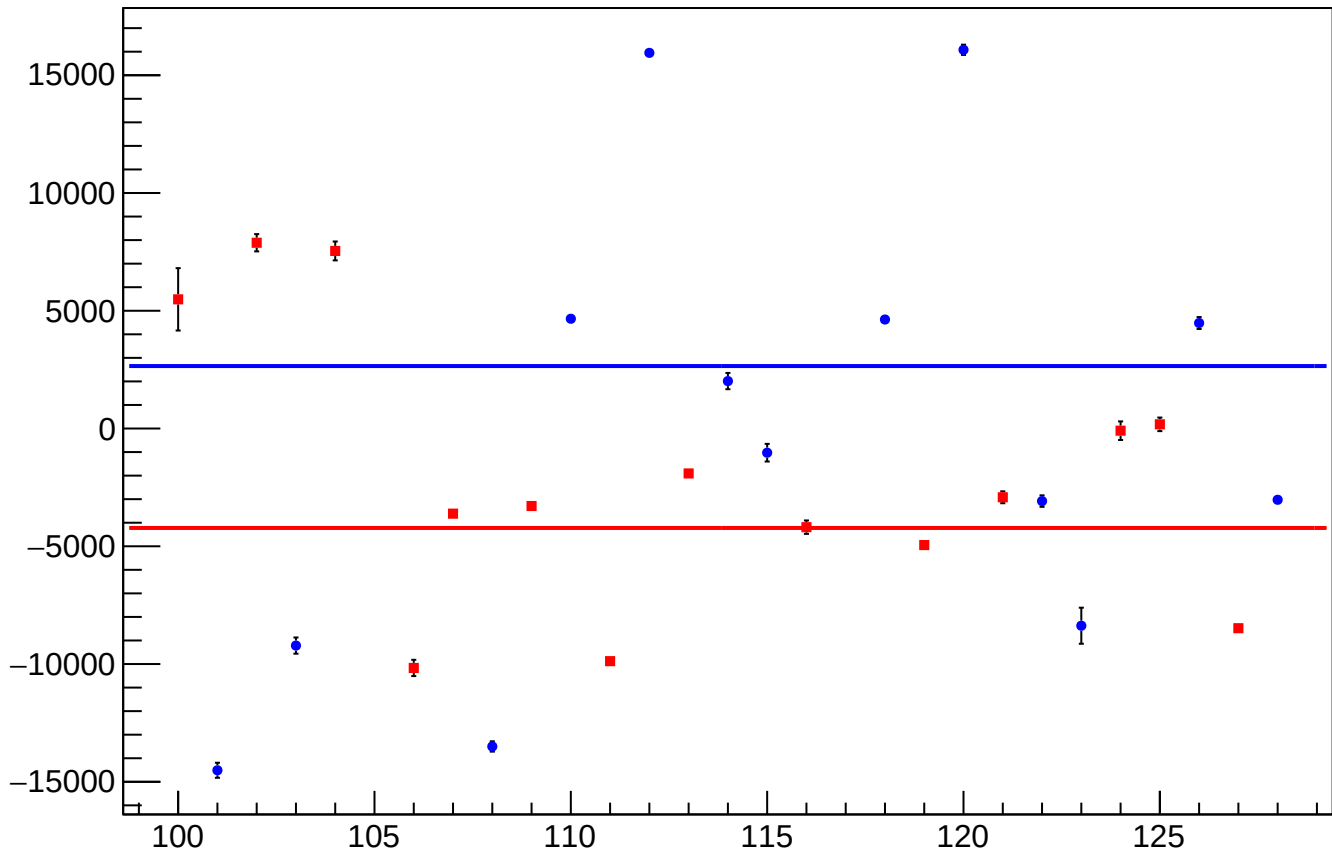
Right: 198.858+/-0.047 χ^2/NDF : 1731496.7/26

In: 211.533+/-0.072 χ^2/NDF :606203.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 198.858+/-0.047 χ^2/NDF : 1731496.7/26

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 2652.070+/-64.774 χ^2/NDF : 21266.0/12

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

Right Out: -4222.596+/-61.660 χ^2/NDF : 4653.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

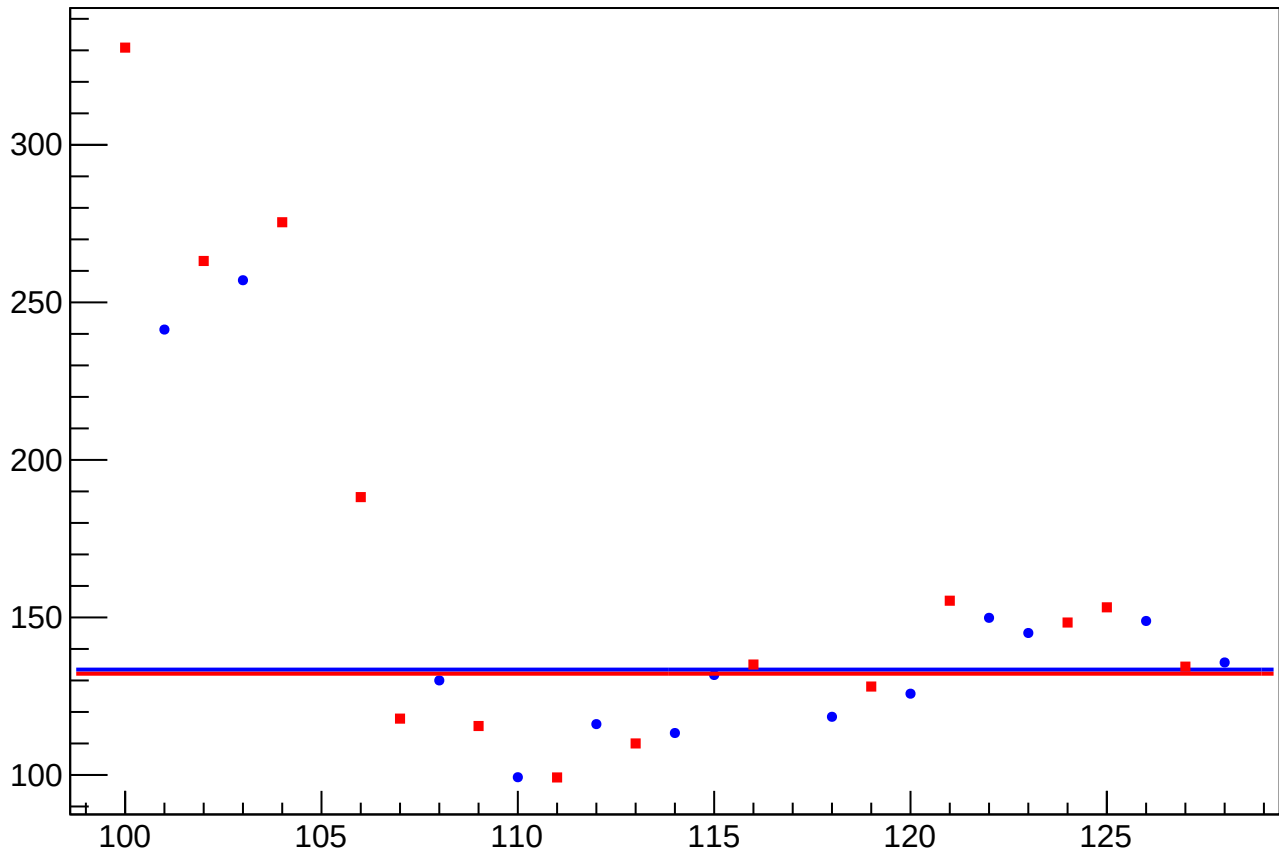
Right: -954.479+/-44.660 χ^2/NDF : 31829.3/26

In: 2652.070+/-64.774 χ^2/NDF :21266.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -954.479+/-44.660 χ^2/NDF : 31829.3/26

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 133.444+/-0.046 χ^2/NDF : 628790.9/12

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

Right Out: 132.139+/-0.044 χ^2/NDF : 795839.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

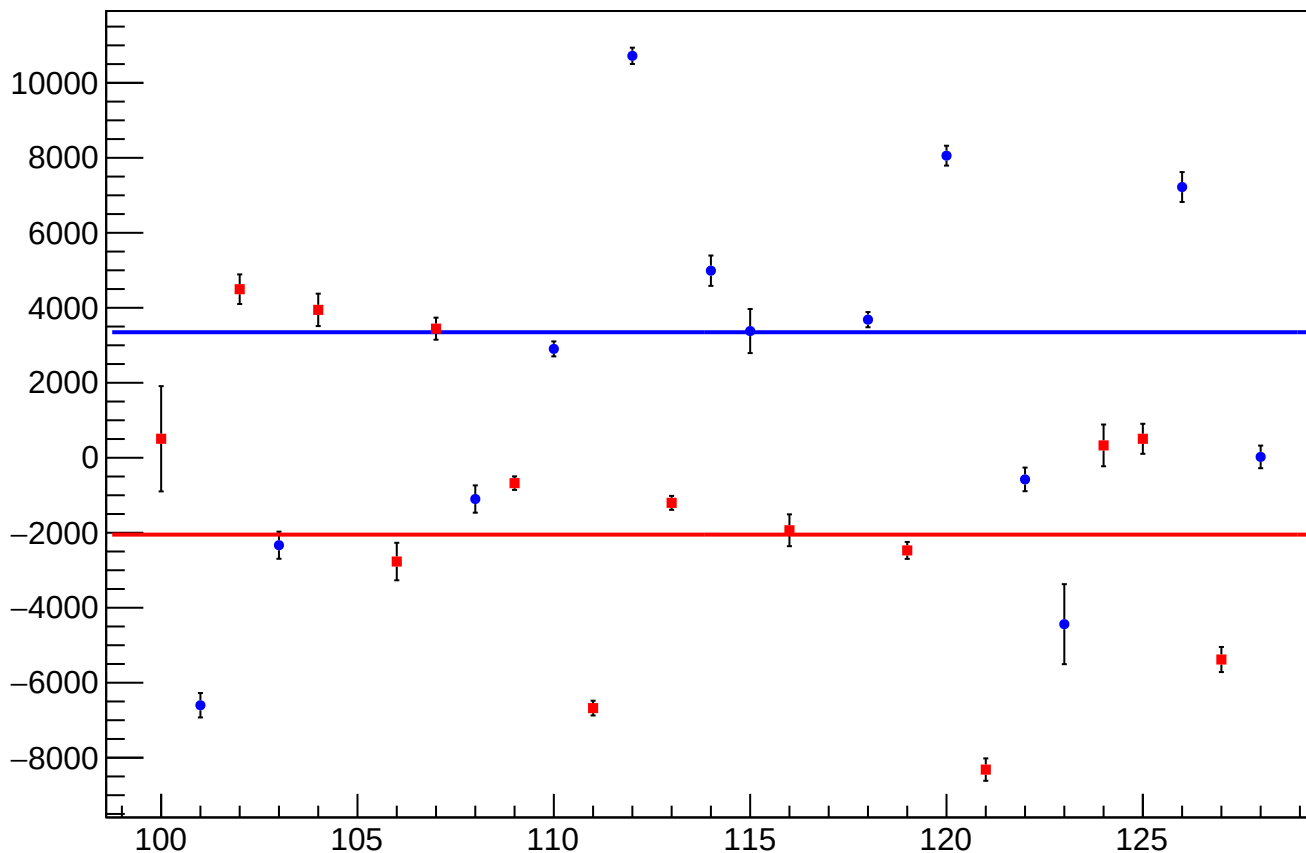
Right: 132.759+/-0.032 χ^2/NDF : 1425056.1/26

In: 133.444+/-0.046 χ^2/NDF : 628790.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.759+/-0.032 χ^2/NDF : 1425056.1/26

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 3348.545+/-82.581 χ^2/NDF : 3240.0/12

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

Right Out: -2049.700+/-77.109 χ^2/NDF : 2053.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

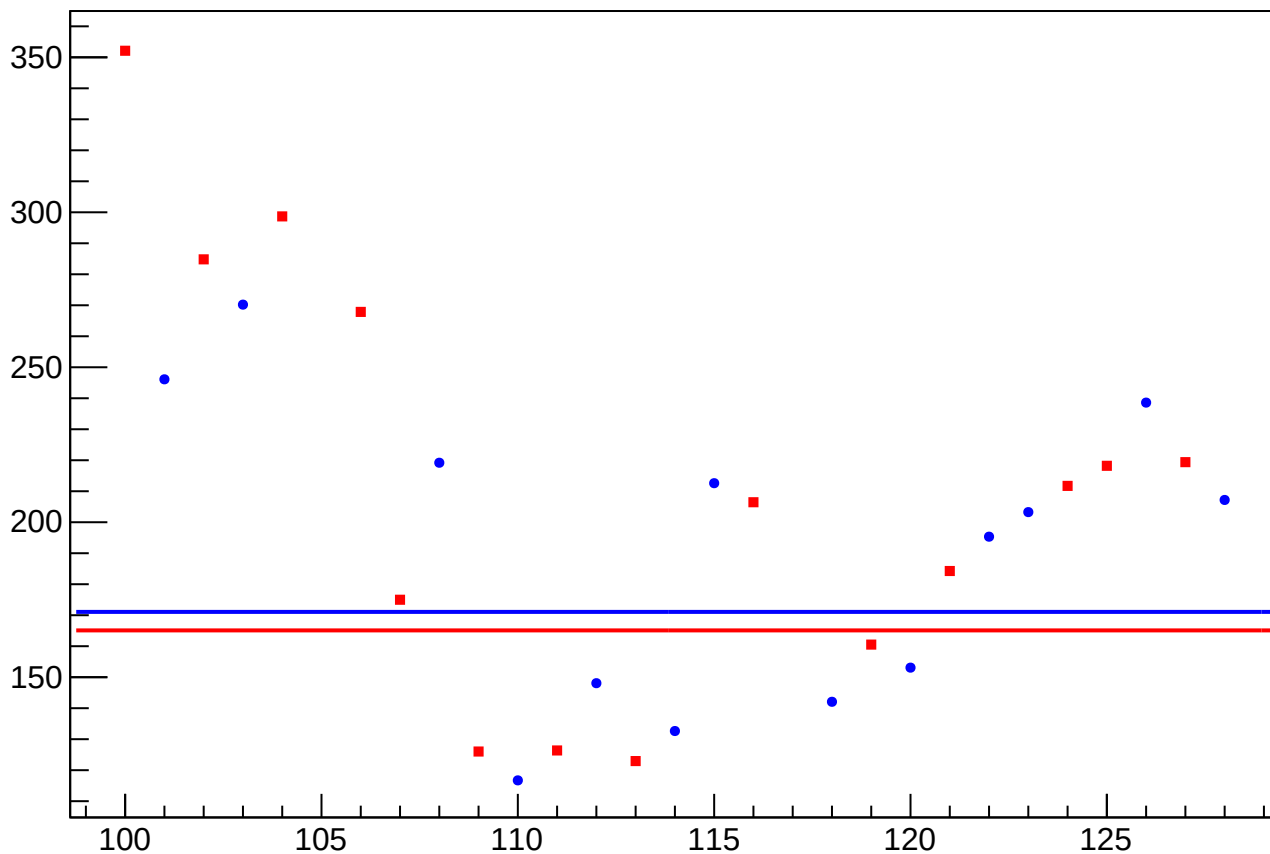
Right: 464.680+/-56.360 χ^2/NDF : 7576.2/26

In: 3348.545+/-82.581 χ^2/NDF : 3240.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 464.680+/-56.360 χ^2/NDF : 7576.2/26

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 171.072 ± 0.058 χ^2/NDF : 640342.8/12

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

Right Out: 165.101 ± 0.055 χ^2/NDF : 901560.1/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

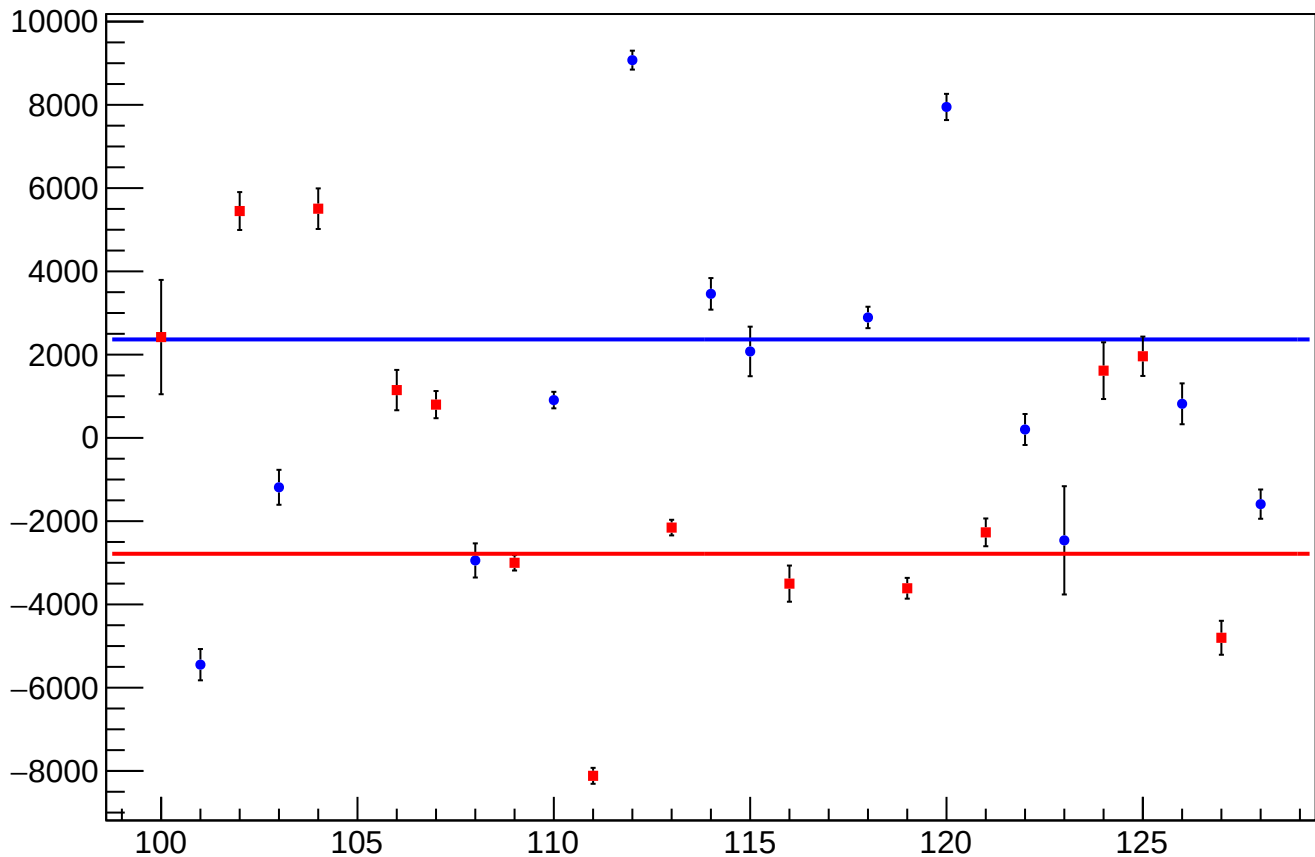
Right: 167.882 ± 0.040 χ^2/NDF : 1547488.3/26

In: 171.072 ± 0.058 χ^2/NDF : 640342.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 167.882 ± 0.040 χ^2/NDF : 1547488.3/26

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 2365.003+/-91.838 χ^2/NDF : 2107.7/12

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

Right Out: -2783.479+/-81.391 χ^2/NDF : 1788.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

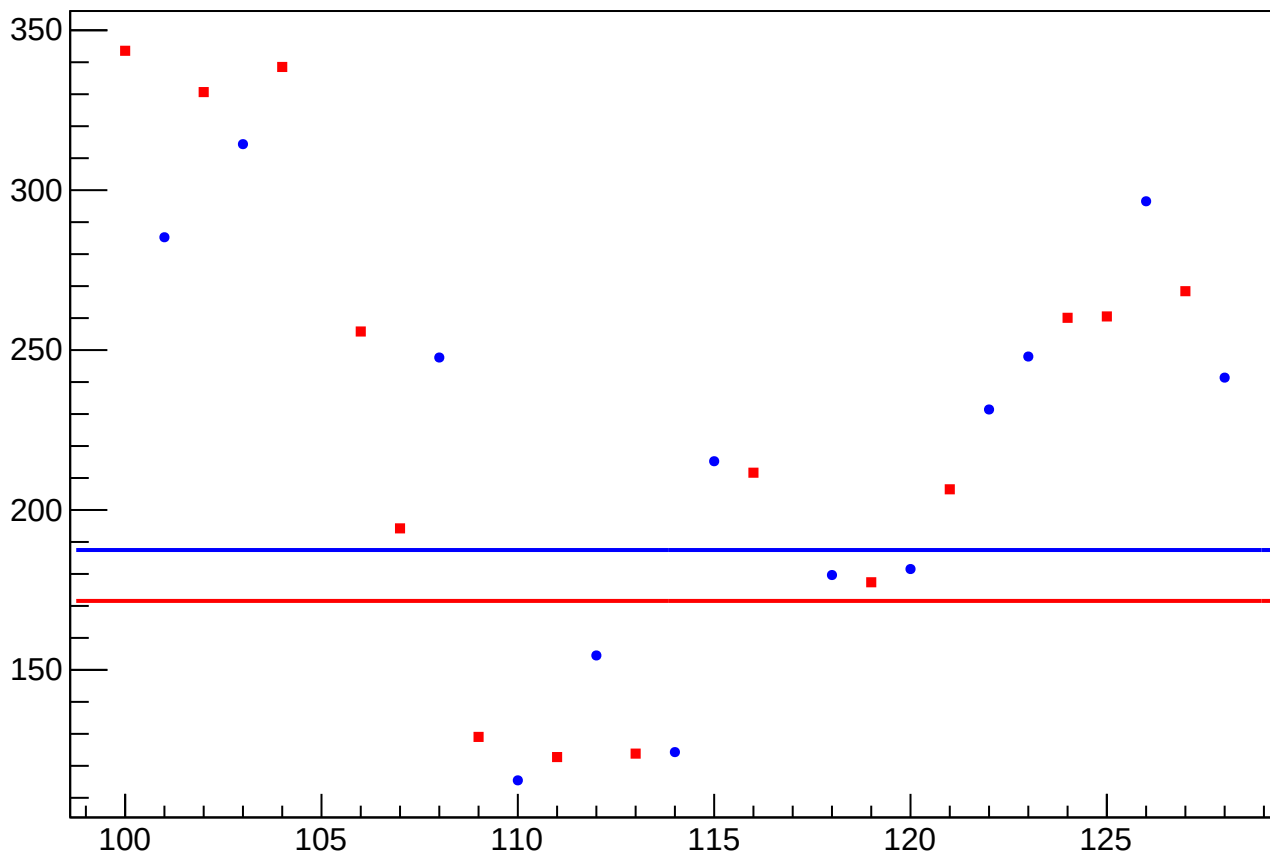
Right: -518.591+/-60.912 χ^2/NDF : 5656.9/26

In: 2365.003+/-91.838 χ^2/NDF :2107.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -518.591+/-60.912 χ^2/NDF : 5656.9/26

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 187.481+/-0.065 χ^2/NDF : 907931.9/12

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

Right Out: 171.566+/-0.058 χ^2/NDF : 1202761.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

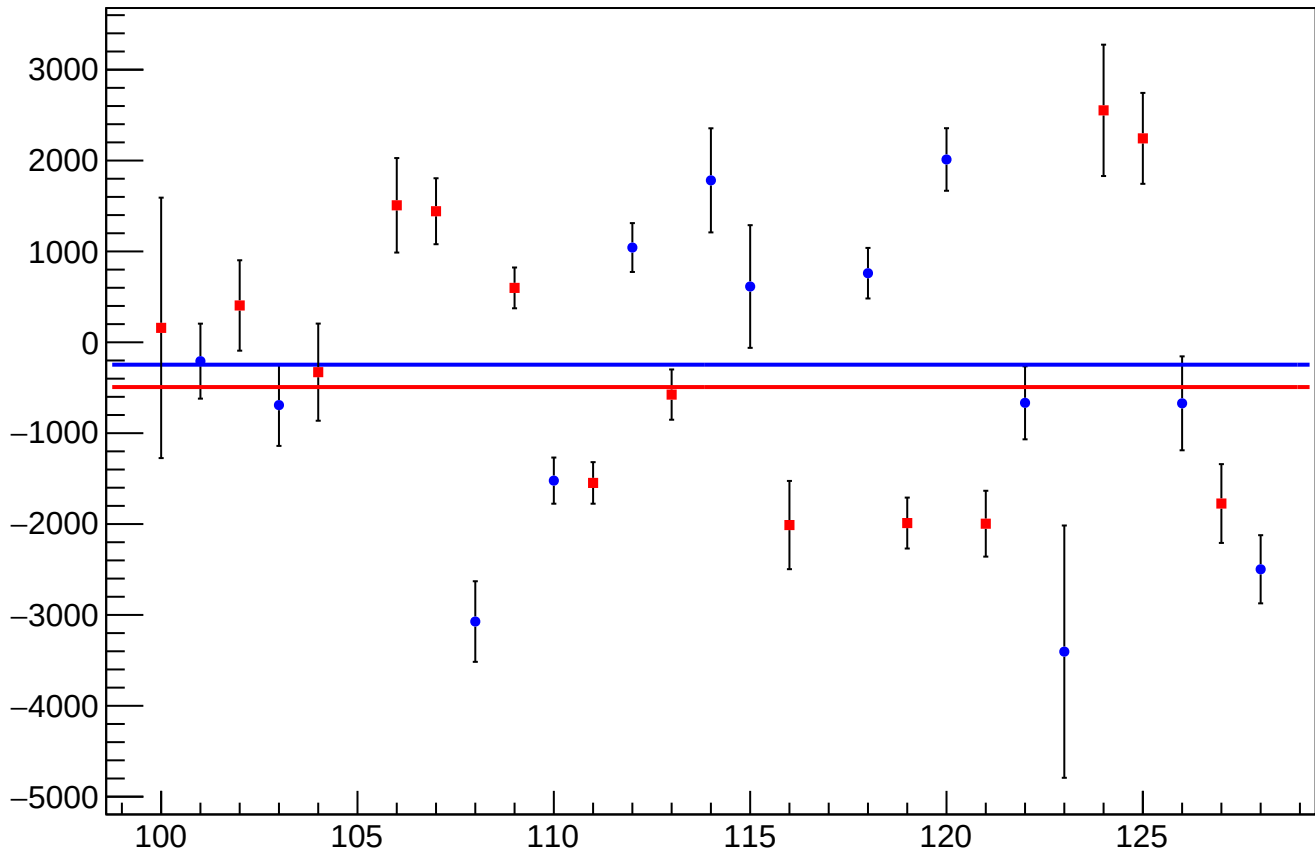
Right: 178.567+/-0.043 χ^2/NDF : 2144332.3/26

In: 187.481+/-0.065 χ^2/NDF : 907931.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.567+/-0.043 χ^2/NDF : 2144332.3/26

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -246.333+/-105.739 χ^2/NDF : 203.1/12

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

Right Out: -492.502+/-96.597 χ^2/NDF : 203.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

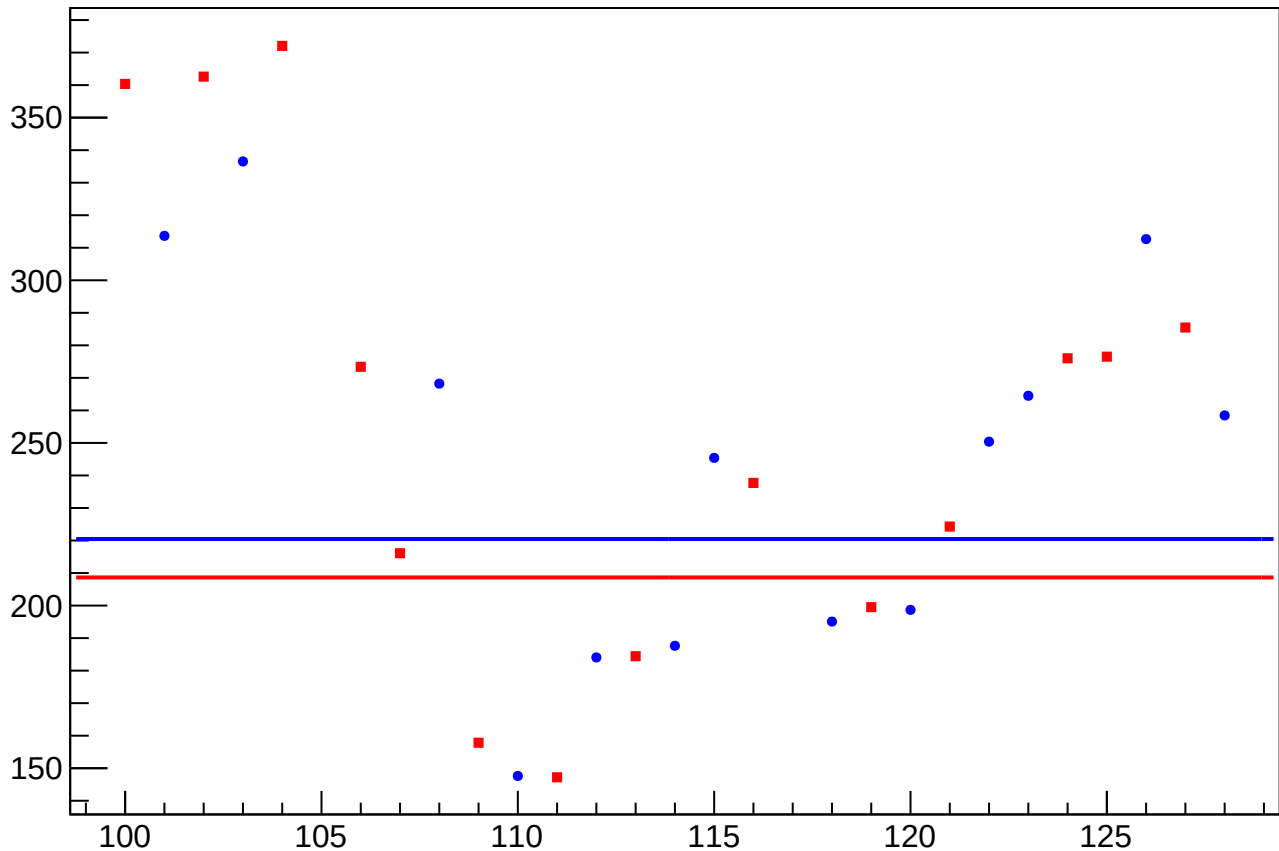
Right: -380.517+/-71.318 χ^2/NDF : 409.8/26

In: -246.333+/-105.739 χ^2/NDF : 203.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -380.517+/-71.318 χ^2/NDF : 409.8/26

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 220.461+/-0.075 χ^2/NDF : 591433.5/12

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

Right Out: 208.649+/-0.068 χ^2/NDF : 824911.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

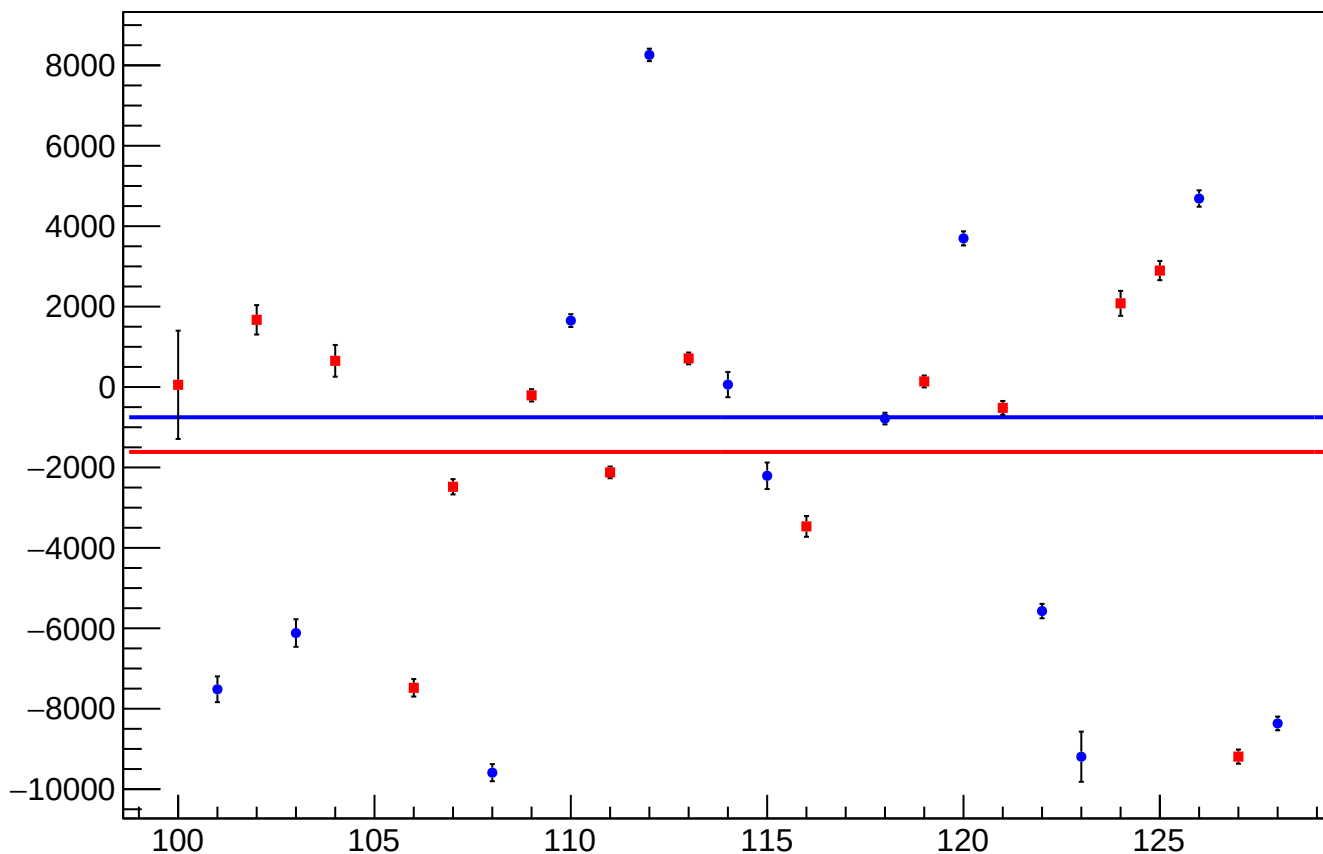
Right: 214.022+/-0.050 χ^2/NDF : 1429949.5/26

In: 220.461+/-0.075 χ^2/NDF : 591433.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.022+/-0.050 χ^2/NDF : 1429949.5/26

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -751.821 ± 56.503 χ^2/NDF : 10320.4/12

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

Right Out: -1614.049 ± 53.189 χ^2/NDF : 3785.3/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

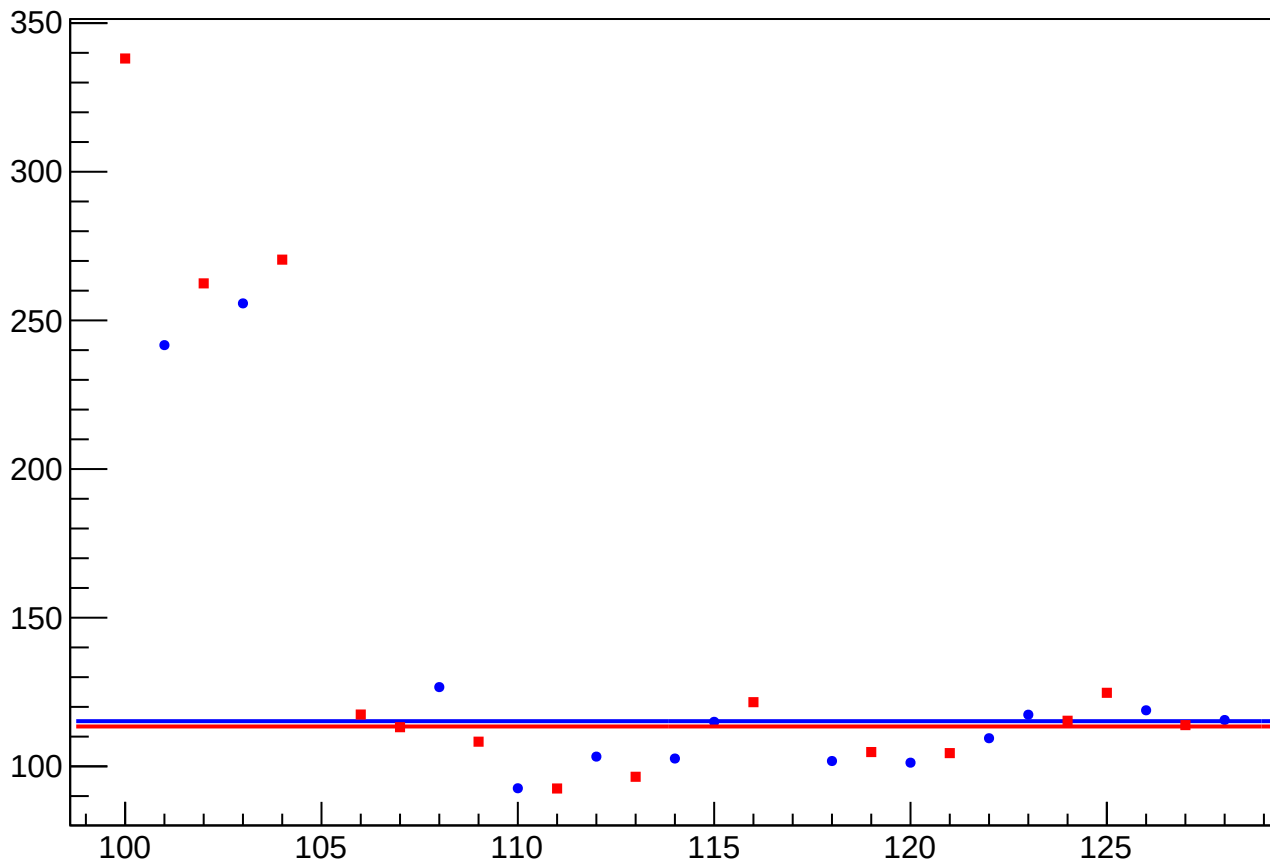
Right: -1208.961 ± 38.729 χ^2/NDF : 14229.2/26

In: -751.821 ± 56.503 χ^2/NDF : 10320.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1208.961 ± 38.729 χ^2/NDF : 14229.2/26

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 115.194+/-0.040 χ^2/NDF : 740600.8/12

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

Right Out: 113.409+/-0.038 χ^2/NDF : 792090.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

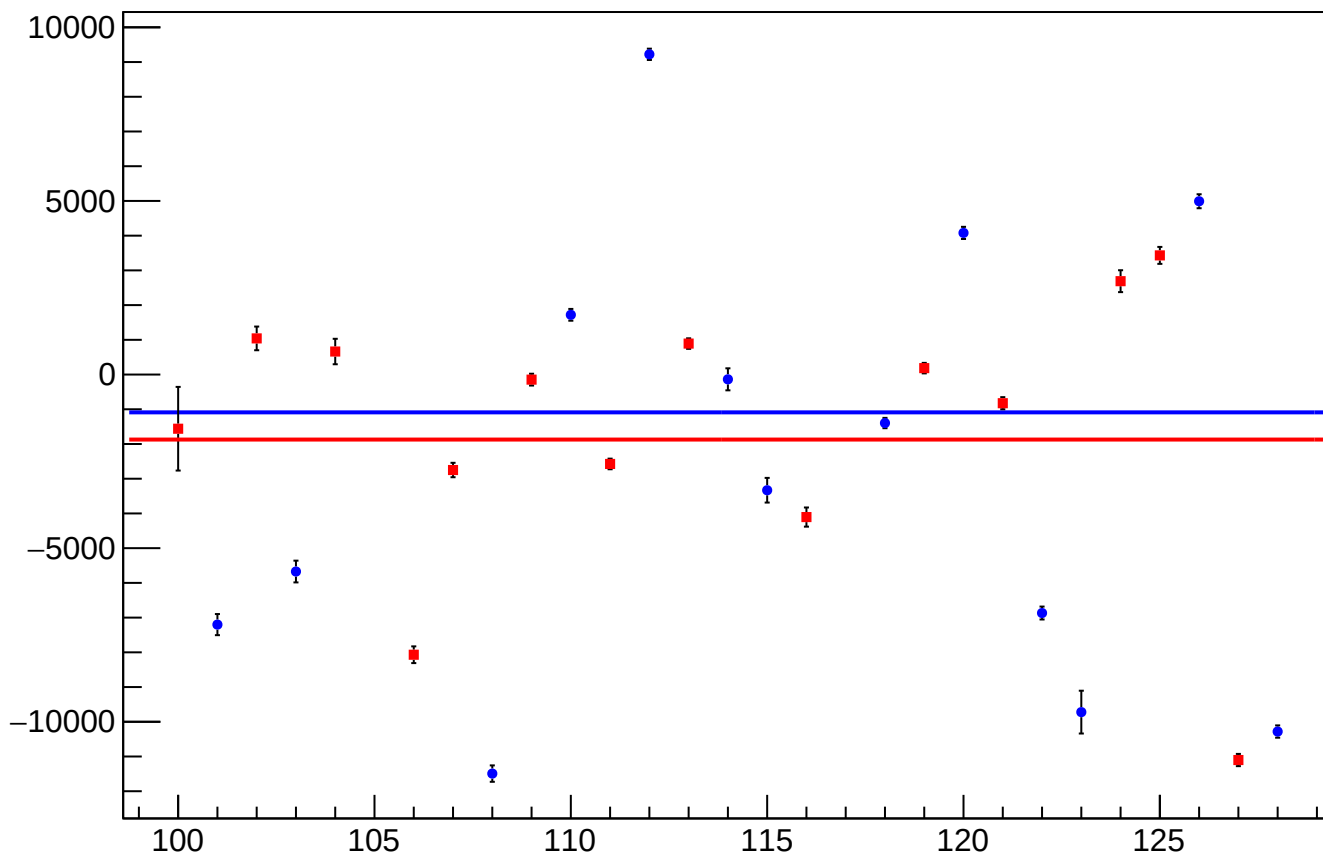
Right: 114.248+/-0.027 χ^2/NDF : 1533749.3/26

In: 115.194+/-0.040 χ^2/NDF : 740600.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.248+/-0.027 χ^2/NDF : 1533749.3/26

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -1088.979 ± 58.217 χ^2/NDF : 12532.6/12

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

Right Out: -1872.200 ± 55.313 χ^2/NDF : 4967.7/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

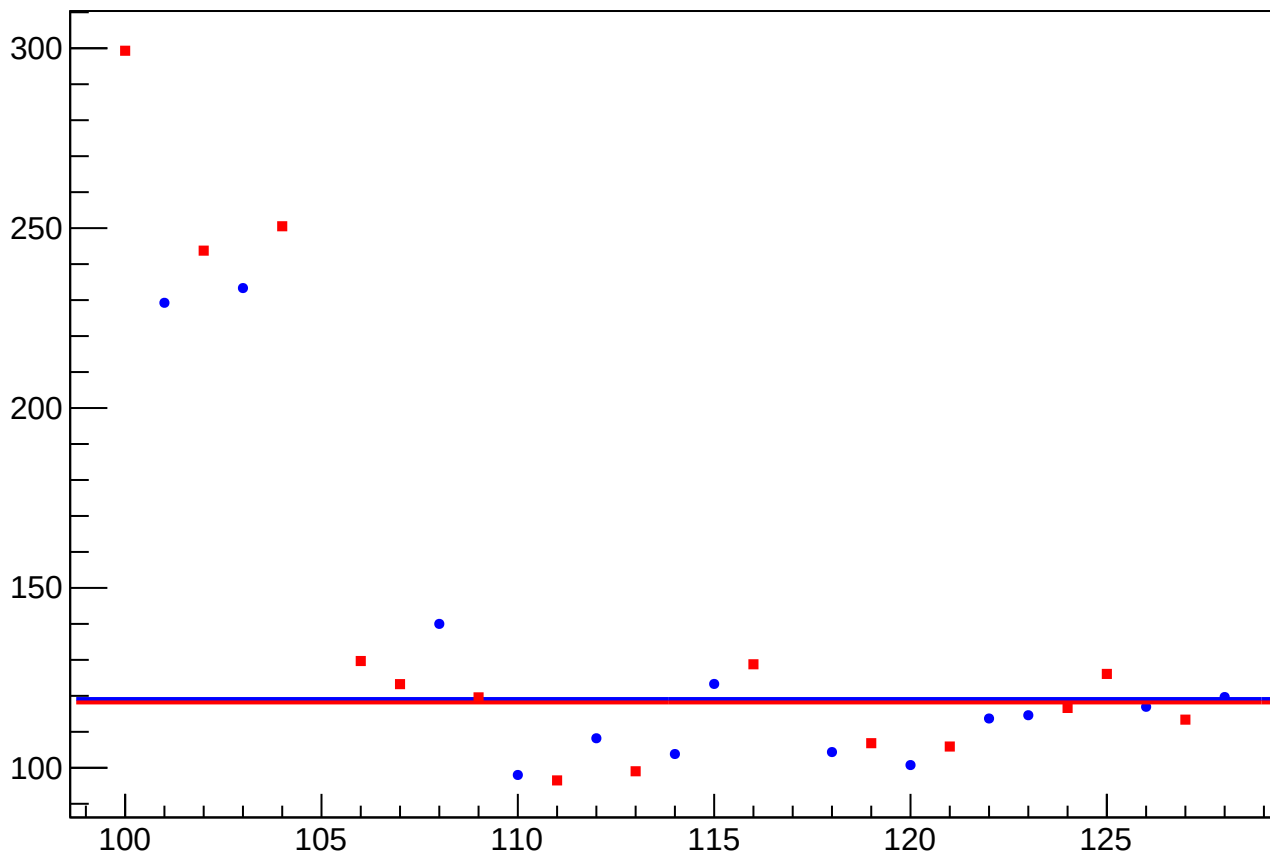
Right: -1500.613 ± 40.100 χ^2/NDF : 17595.4/26

In: -1088.979 ± 58.217 χ^2/NDF : 12532.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1500.613 ± 40.100 χ^2/NDF : 17595.4/26

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 119.114+/-0.041 χ^2/NDF : 632282.5/12

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

Right Out: 118.168+/-0.039 χ^2/NDF : 682908.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

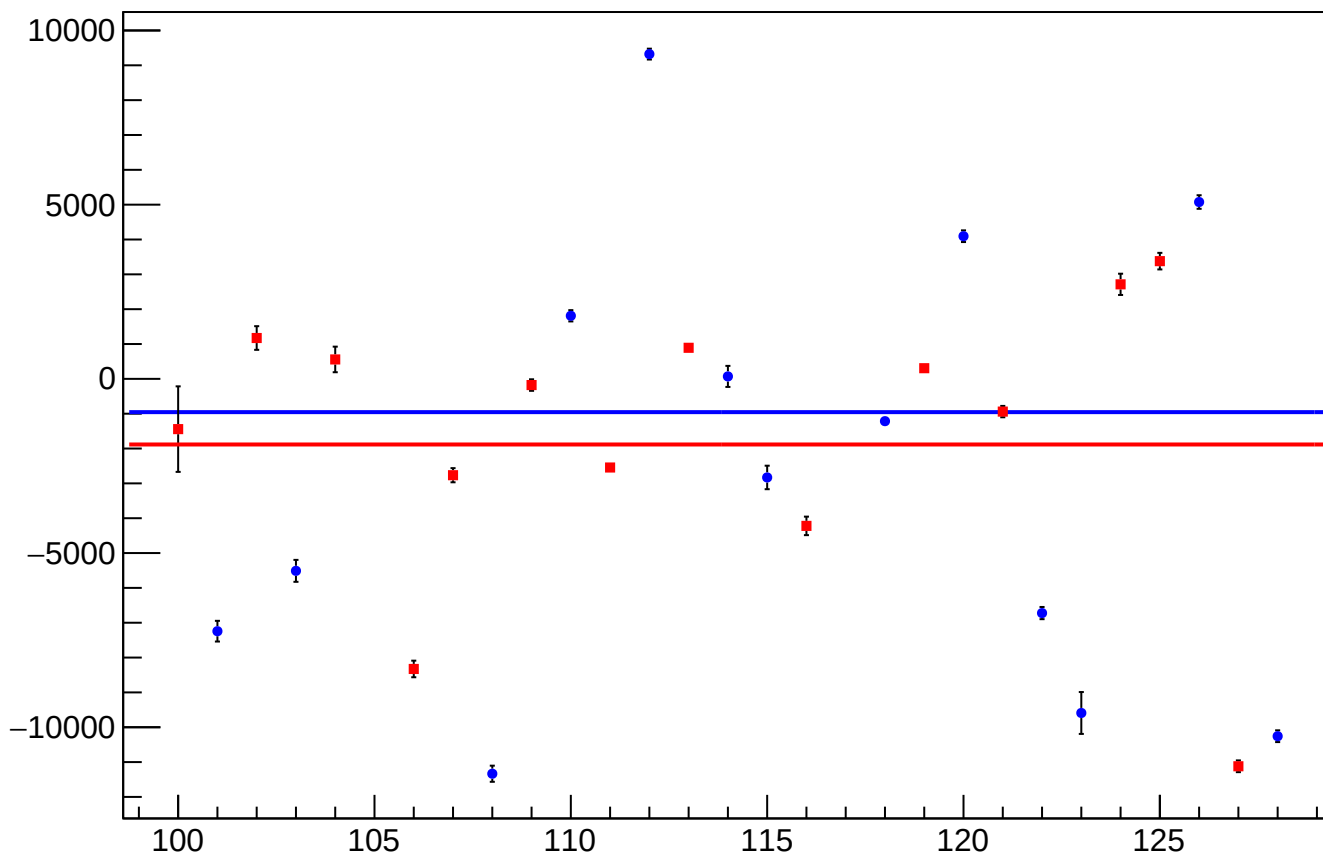
Right: 118.617+/-0.028 χ^2/NDF : 1315467.9/26

In: 119.114+/-0.041 χ^2/NDF : 632282.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.617+/-0.028 χ^2/NDF : 1315467.9/26

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: -955.254+/-55.846 χ^2/NDF : 13539.3/12

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

Right Out: -1883.783+/-53.002 χ^2/NDF : 5431.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

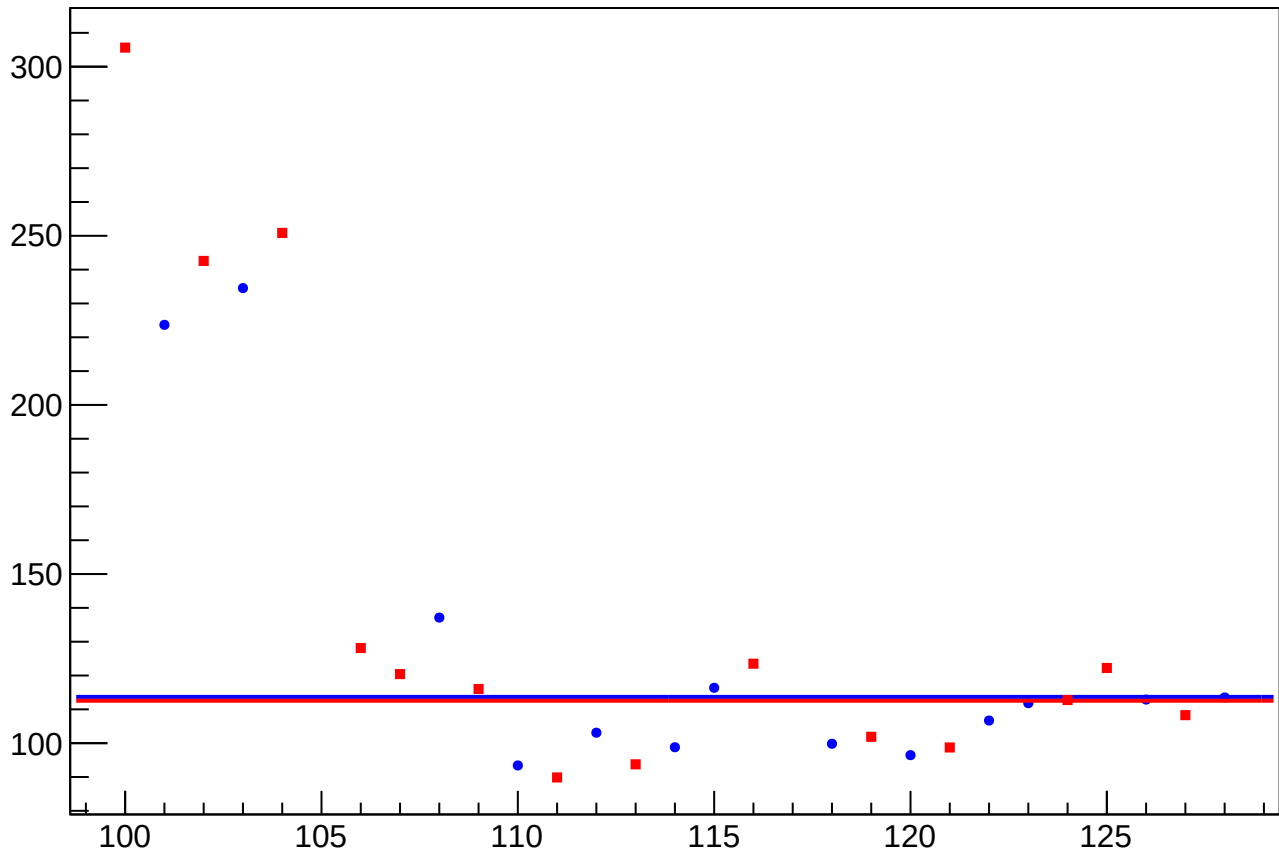
Right: -1443.756+/-38.444 χ^2/NDF : 19116.2/26

In: -955.254+/-55.846 χ^2/NDF : 13539.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1443.756+/-38.444 χ^2/NDF : 19116.2/26

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 113.685+/-0.039 χ^2/NDF : 678015.3/12

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

Right Out: 112.546+/-0.037 χ^2/NDF : 756995.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

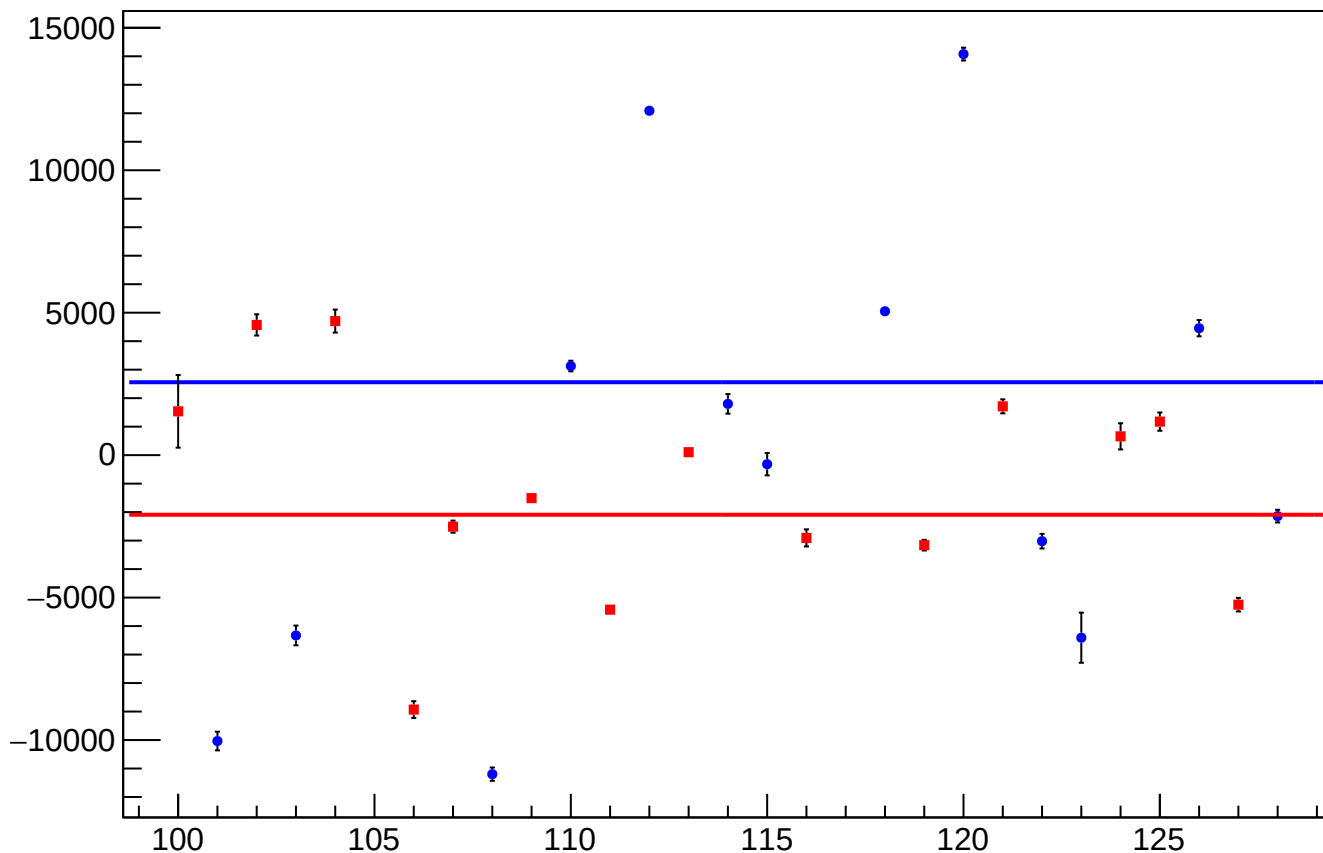
Right: 113.085+/-0.027 χ^2/NDF : 1435448.4/26

In: 113.685+/-0.039 χ^2/NDF : 678015.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.085+/-0.027 χ^2/NDF : 1435448.4/26

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 2558.986+/-68.400 χ^2/NDF : 12527.1/12

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

Right Out: -2092.436+/-64.680 χ^2/NDF : 2314.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

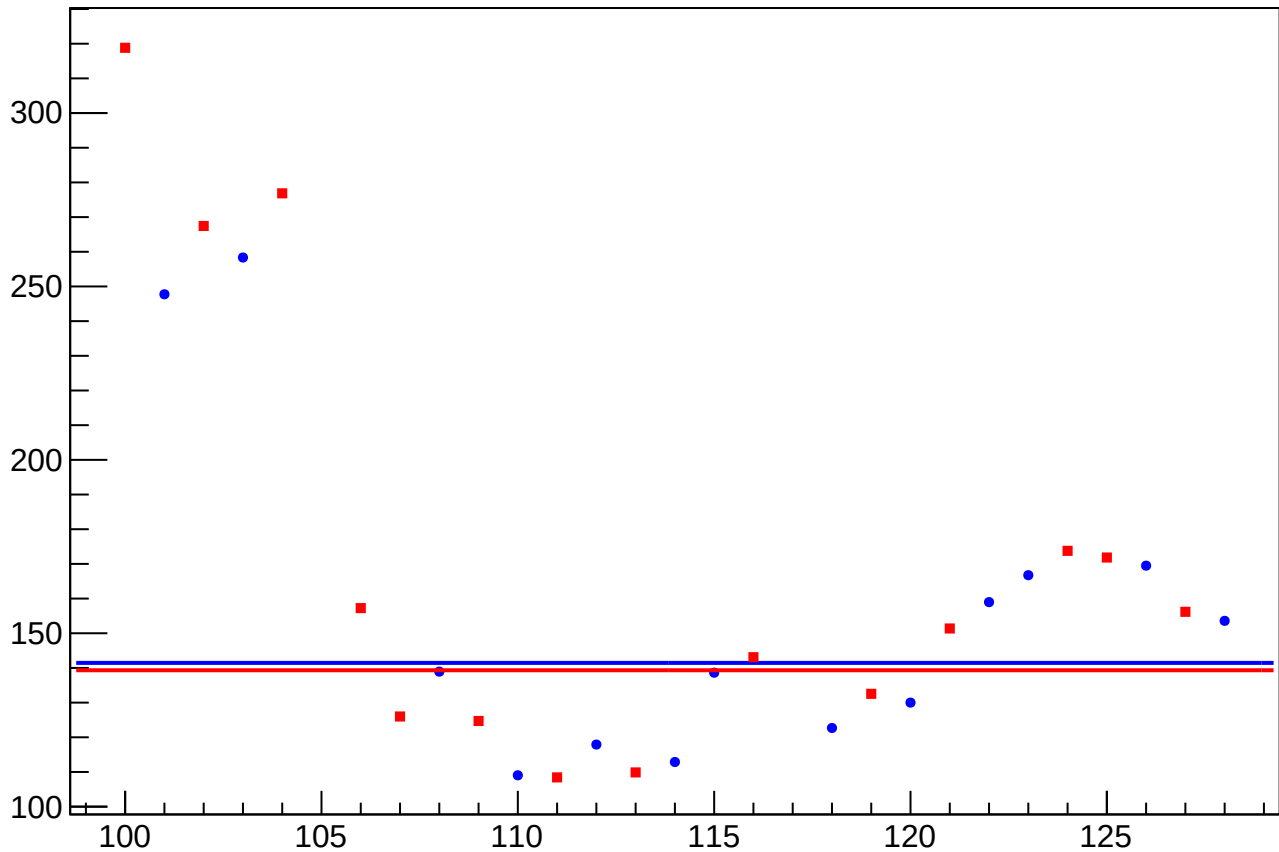
Right: 103.371+/-46.996 χ^2/NDF : 17282.8/26

In: 2558.986+/-68.400 χ^2/NDF : 12527.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.371+/-46.996 χ^2/NDF : 17282.8/26

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 141.454+/-0.048 χ^2/NDF : 612347.9/12

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

Right Out: 139.330+/-0.046 χ^2/NDF : 715090.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

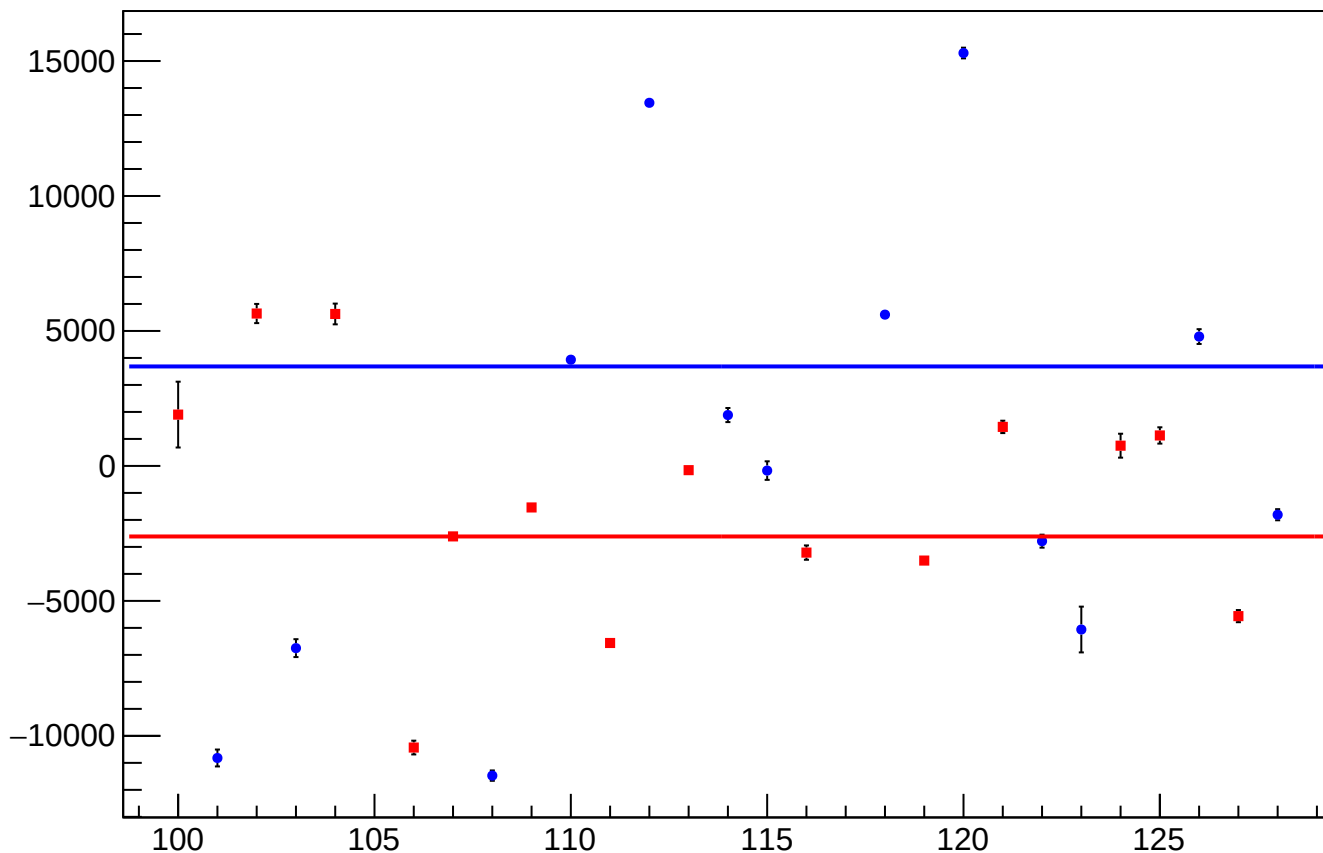
Right: 140.333+/-0.033 χ^2/NDF : 1328456.6/26

In: 141.454+/-0.048 χ^2/NDF : 612347.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.333+/-0.033 χ^2/NDF : 1328456.6/26

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 3685.178+/-57.008 χ^2/NDF : 20139.4/12

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

Right Out: -2613.321+/-52.876 χ^2/NDF : 4182.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

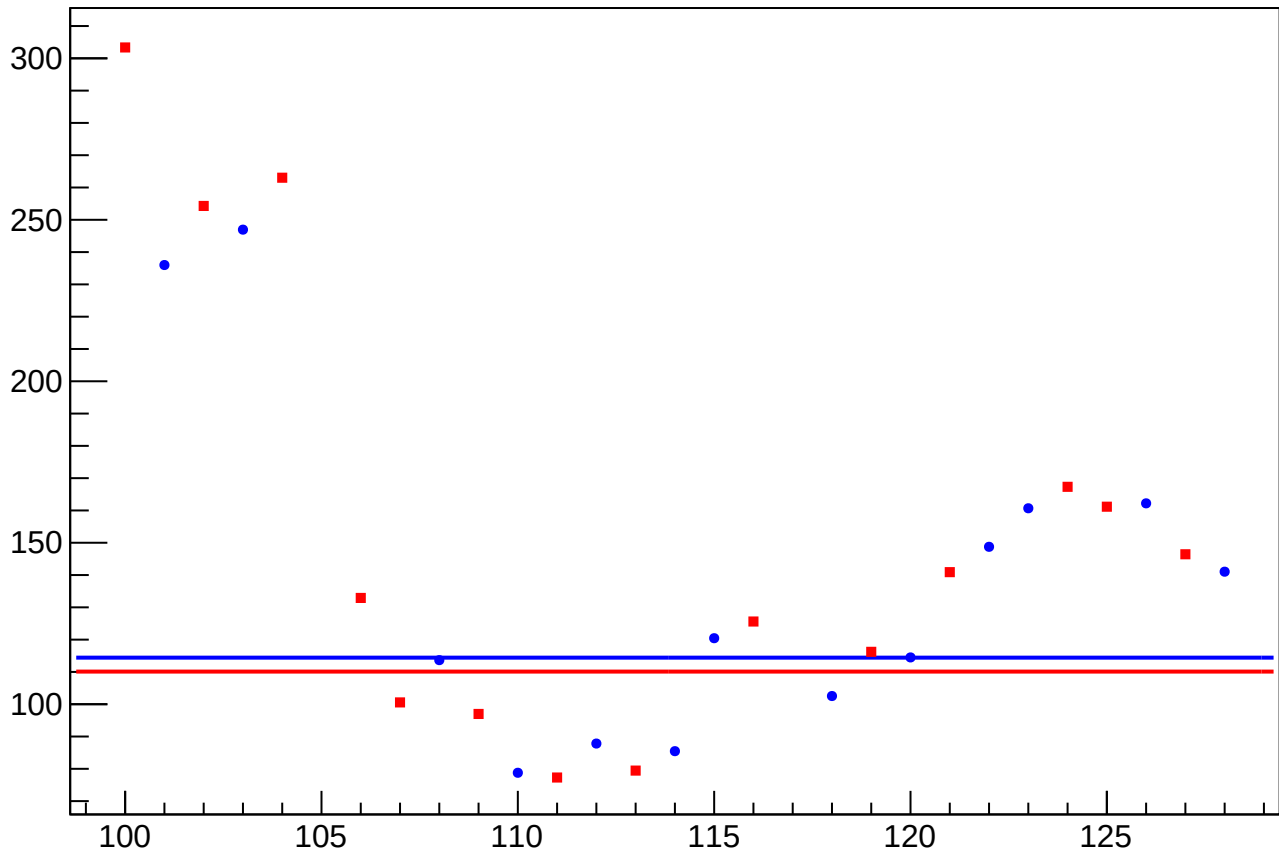
Right: 299.390+/-38.767 χ^2/NDF : 30884.1/26

In: 3685.178+/-57.008 χ^2/NDF : 20139.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 299.390+/-38.767 χ^2/NDF : 30884.1/26

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 114.424+/-0.040 χ^2/NDF : 1016788.1/12

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

Right Out: 110.107+/-0.037 χ^2/NDF : 1193859.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

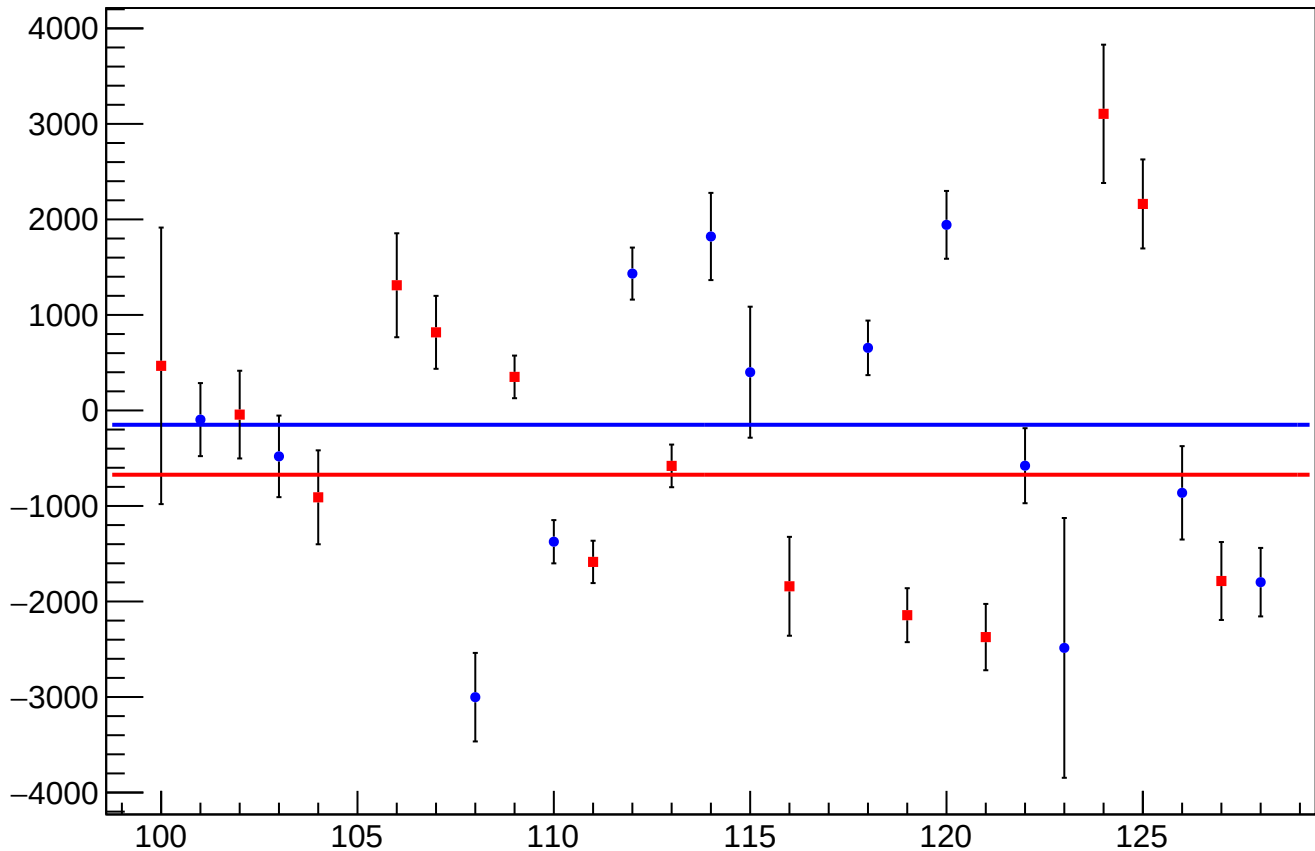
Right: 112.103+/-0.027 χ^2/NDF : 2216813.8/26

In: 114.424+/-0.040 χ^2/NDF : 1016788.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.103+/-0.027 χ^2/NDF : 2216813.8/26

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -150.027 $\pm$ 102.031 χ^2 /NDF: 190.9/12

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

Right Out: -672.927 $\pm$ 92.384 χ^2 /NDF: 197.3/13

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

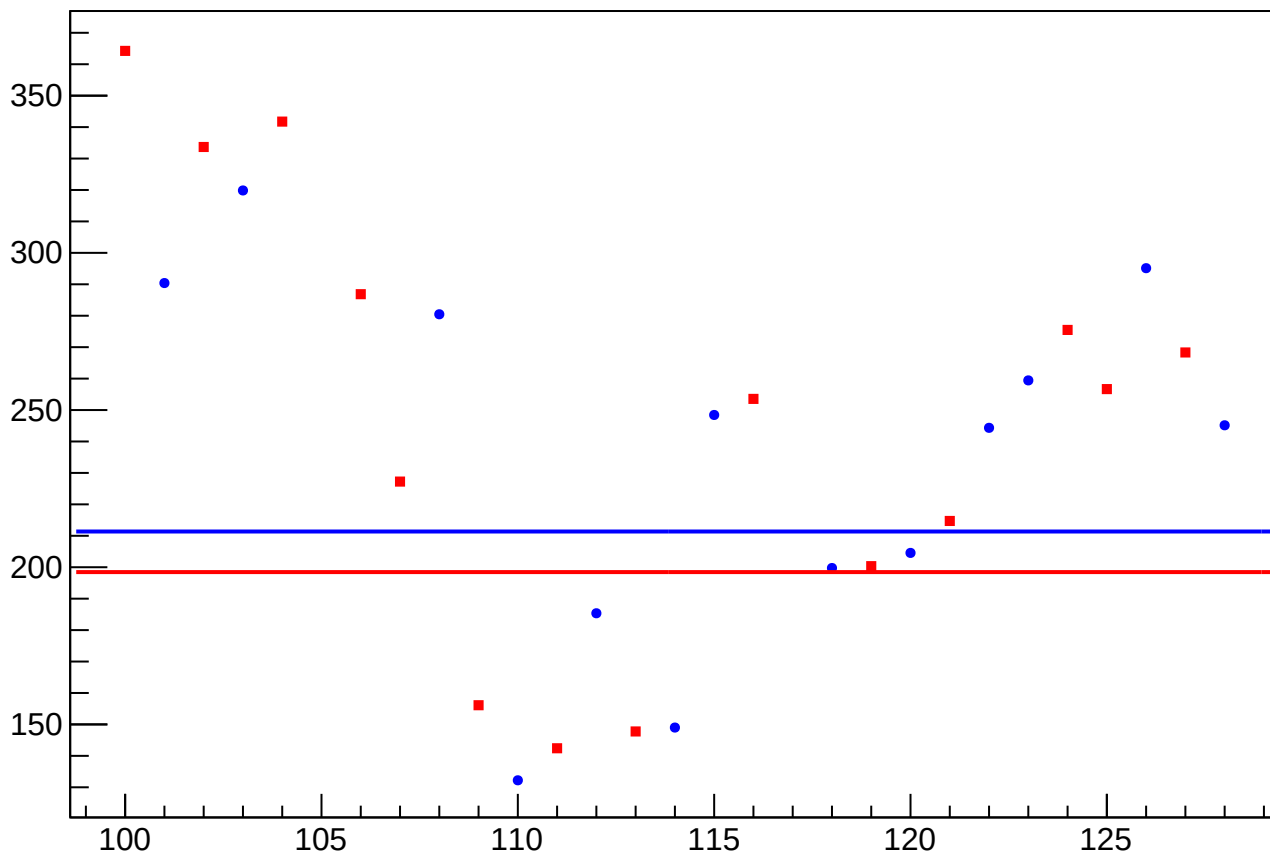
Right: -437.361 $\pm$ 68.482 χ^2 /NDF: 402.6/26

In: -150.027 $\pm$ 102.031 χ^2 /NDF:190.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -437.361 $\pm$ 68.482 χ^2 /NDF: 402.6/26

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 211.364+/-0.072 χ^2/NDF : 661745.1/12

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

Right Out: 198.455+/-0.065 χ^2/NDF : 876276.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

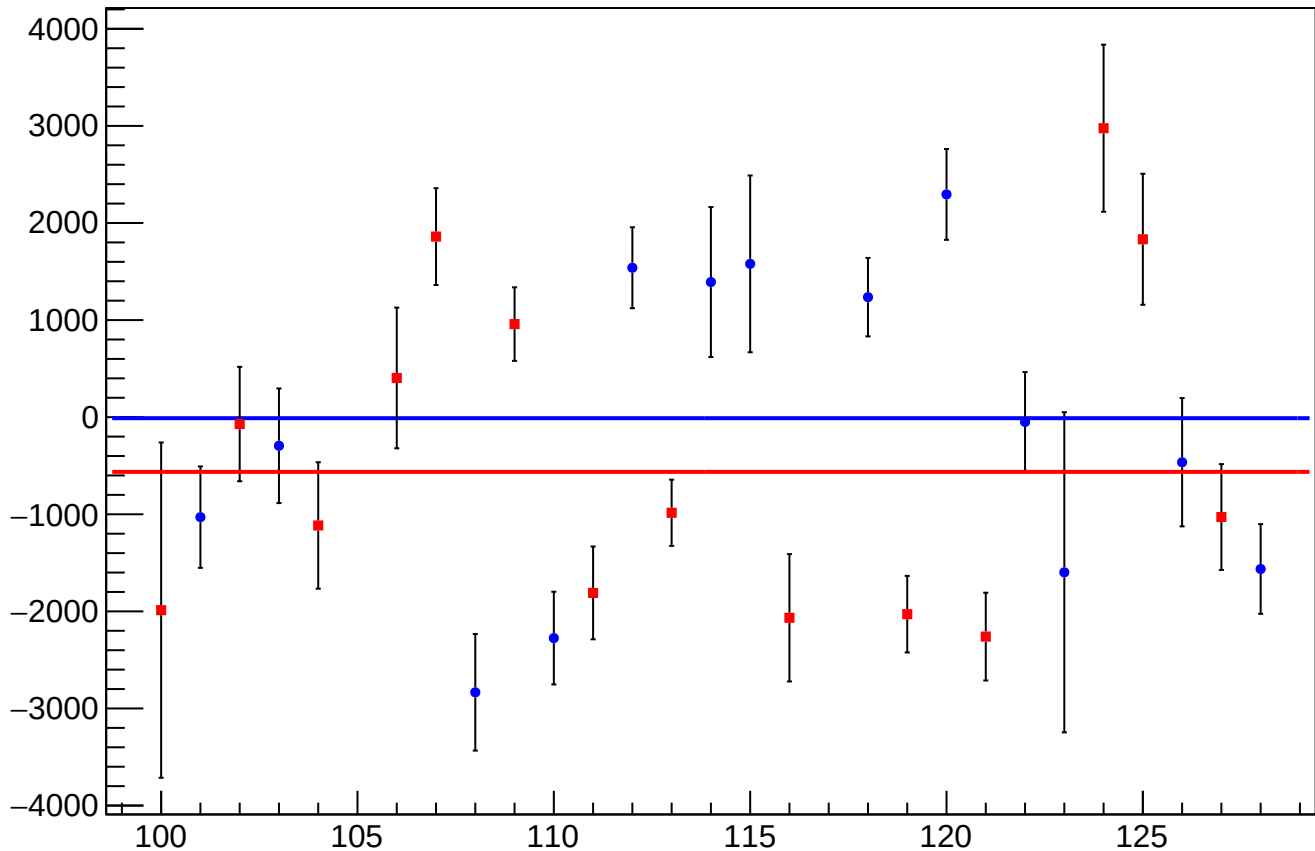
Right: 204.270+/-0.048 χ^2/NDF : 1555614.2/26

In: 211.364+/-0.072 χ^2/NDF : 661745.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 204.270+/-0.048 χ^2/NDF : 1555614.2/26

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: -10.406+/-150.447 χ^2/NDF : 115.4/12

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

Right Out: -563.058+/-138.669 χ^2/NDF : 115.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

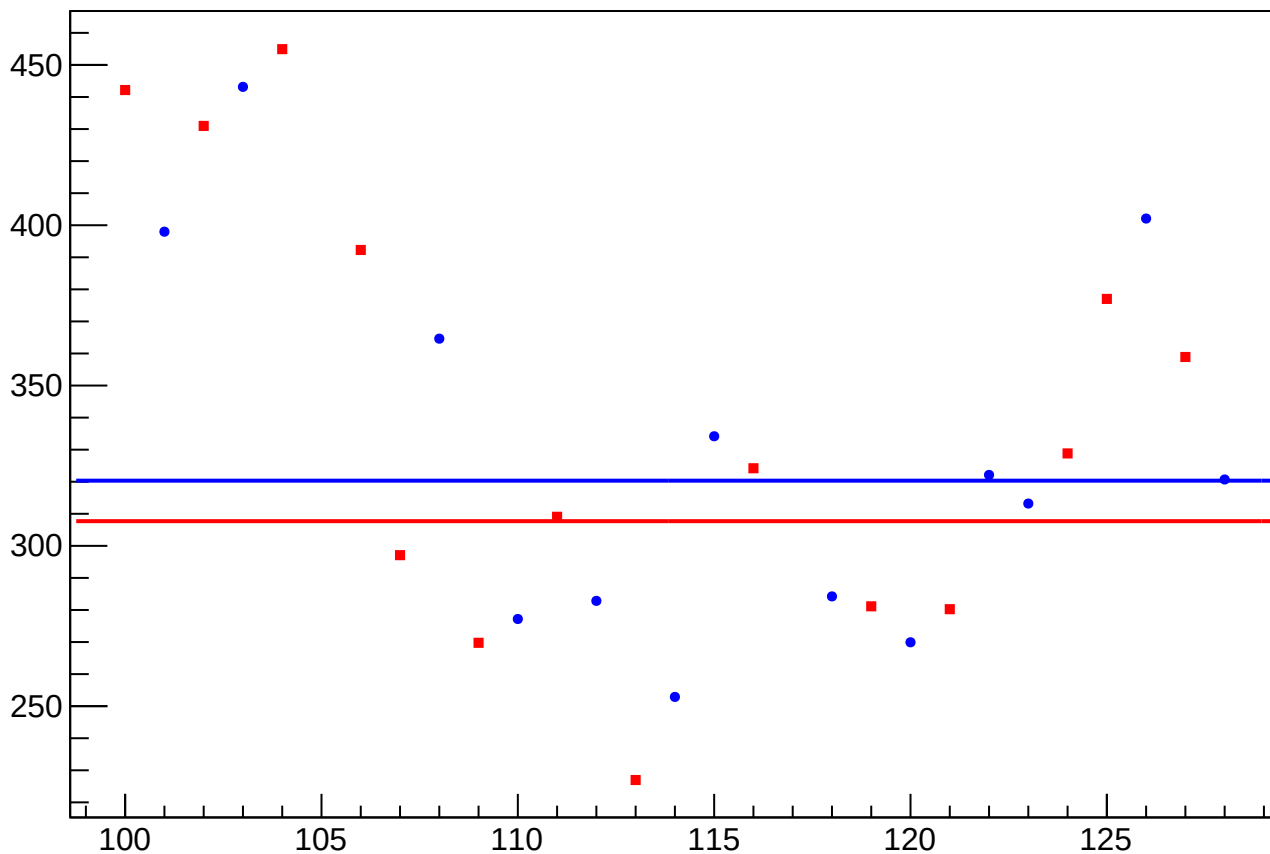
Right: -309.210+/-101.964 χ^2/NDF : 238.0/26

In: -10.406+/-150.447 χ^2/NDF :115.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -309.210+/-101.964 χ^2/NDF : 238.0/26

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 320.335+/-0.106 χ^2/NDF : 259845.5/12

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

Right Out: 307.704+/-0.098 χ^2/NDF : 419800.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

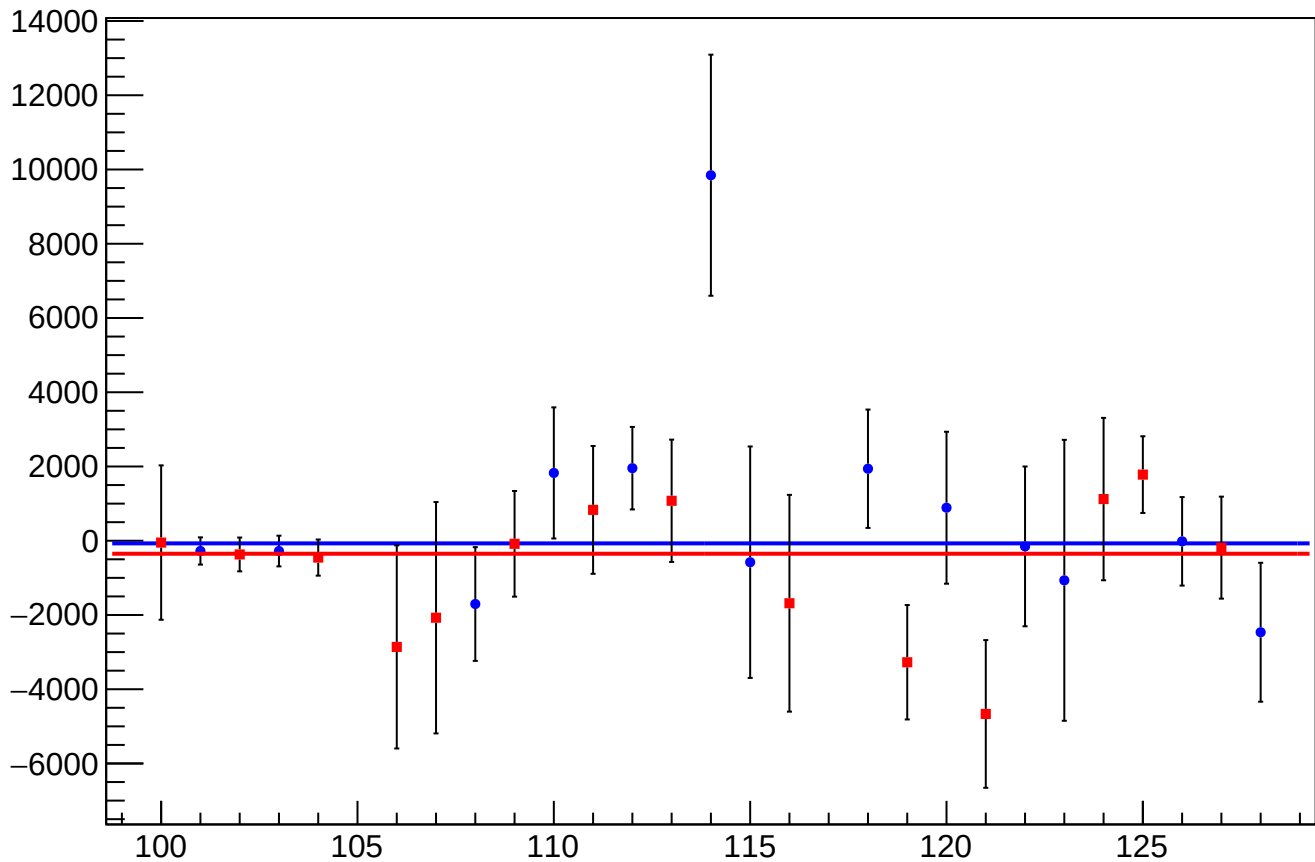
Right: 313.506+/-0.072 χ^2/NDF : 687267.1/26

In: 320.335+/-0.106 χ^2/NDF : 259845.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 313.506+/-0.072 χ^2/NDF : 687267.1/26

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -71.005 ± 242.915 $\chi^2/\text{NDF}: 19.0/12$

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

Right Out: -350.291 ± 275.447 $\chi^2/\text{NDF}: 15.7/13$

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

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

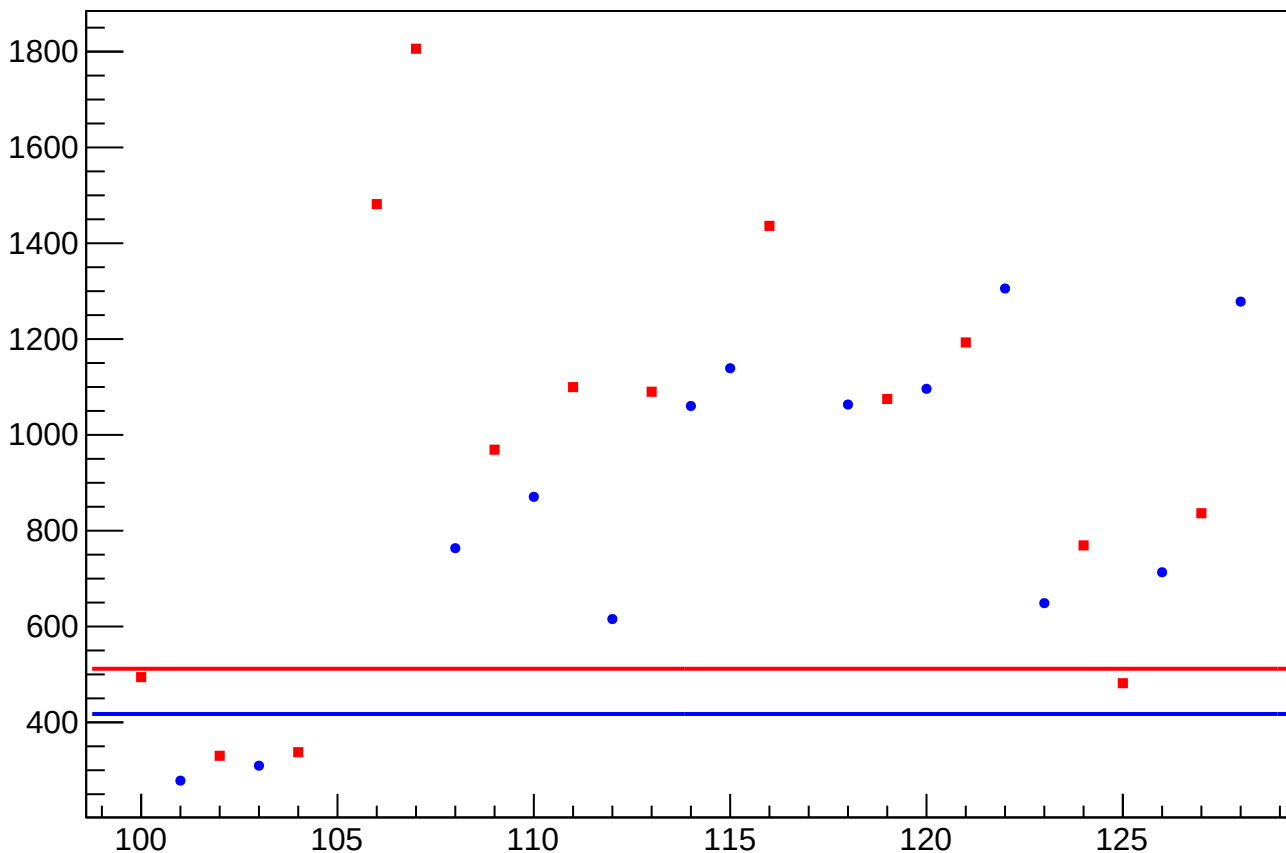
Right: -193.189 ± 182.188 $\chi^2/\text{NDF}: 35.3/26$

In: -71.005 ± 242.915 $\chi^2/\text{NDF}: 19.0/12$

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

All: -193.189 ± 182.188 $\chi^2/\text{NDF}: 35.3/26$

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 417.459+/-0.172 χ^2/NDF : 2350311.1/12

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

Right Out: 511.843+/-0.195 χ^2/NDF : 2700150.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

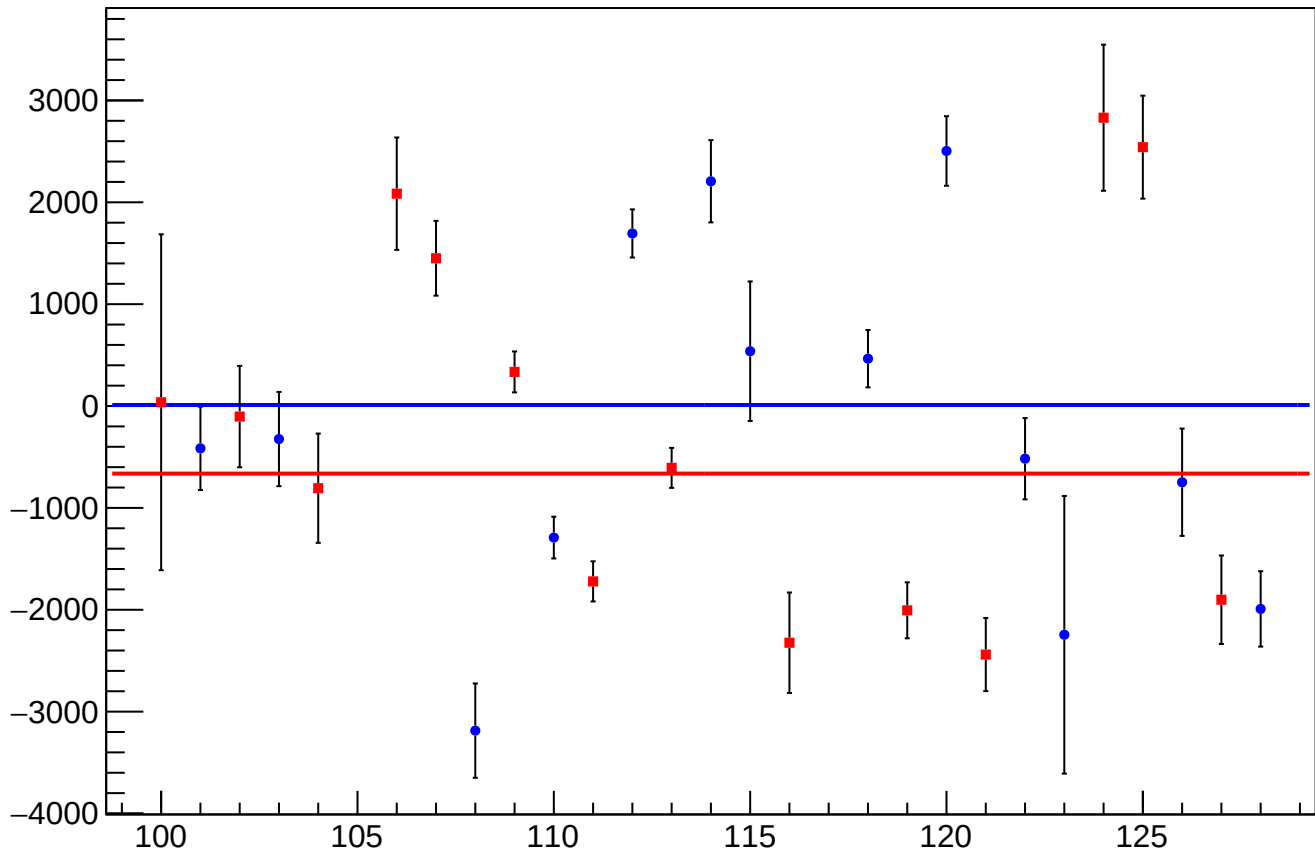
Right: 458.751+/-0.129 χ^2/NDF : 5182556.8/26

In: 417.459+/-0.172 χ^2/NDF : 2350311.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 458.751+/-0.129 χ^2/NDF : 5182556.8/26

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 10.280+/-97.954 χ^2/NDF : 262.2/12

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

Right Out: -663.314+/-87.262 χ^2/NDF : 244.8/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

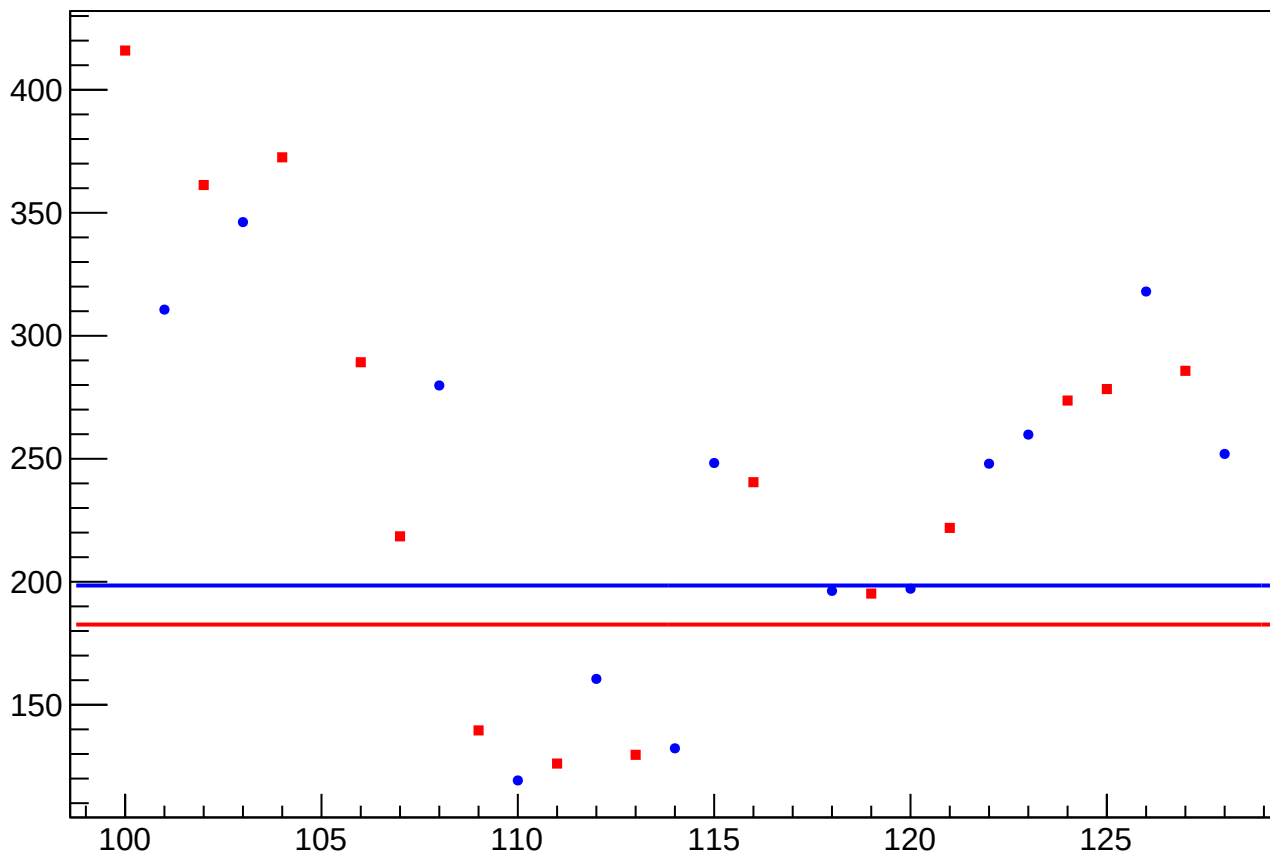
Right: -365.273+/-65.157 χ^2/NDF : 533.4/26

In: 10.280+/-97.954 χ^2/NDF :262.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -365.273+/-65.157 χ^2/NDF : 533.4/26

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 198.488+/-0.069 χ^2/NDF : 1010634.5/12

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

Right Out: 182.612+/-0.062 χ^2/NDF : 1316919.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

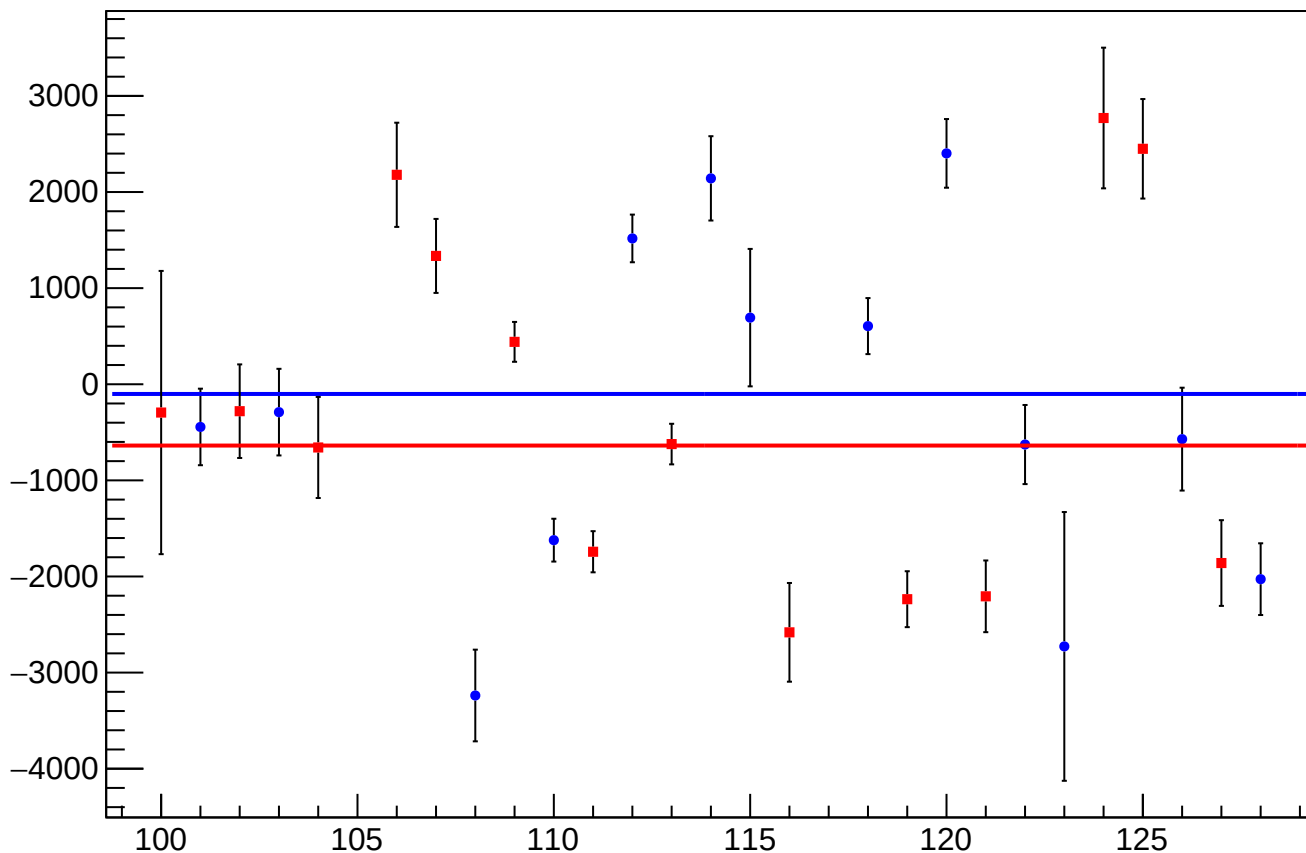
Right: 189.637+/-0.046 χ^2/NDF : 2356847.2/26

In: 198.488+/-0.069 χ^2/NDF : 1010634.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.637+/-0.046 χ^2/NDF : 2356847.2/26

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: -101.039+/-102.127 χ^2/NDF : 248.3/12

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

Right Out: -637.806+/-91.526 χ^2/NDF : 234.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

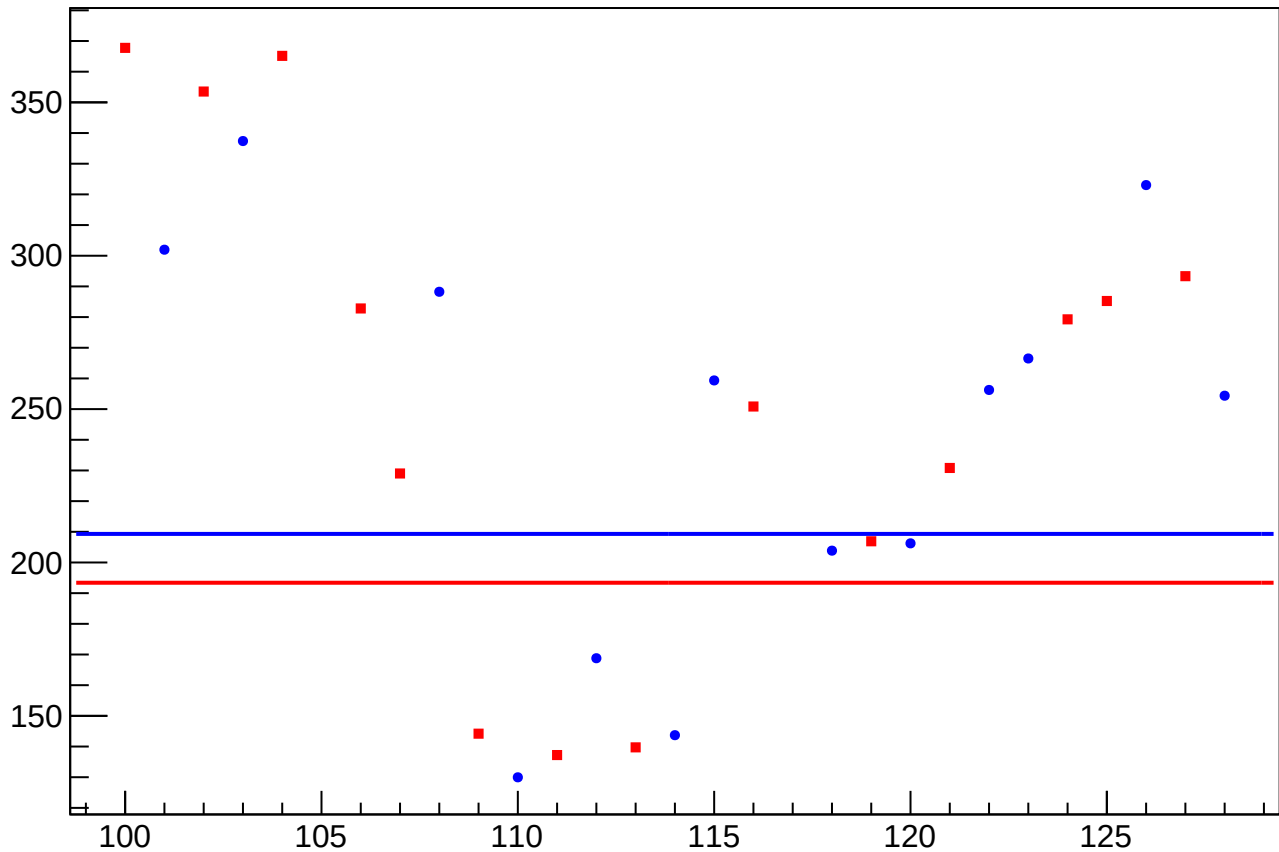
Right: -398.718+/-68.160 χ^2/NDF : 498.2/26

In: -101.039+/-102.127 χ^2/NDF : 248.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -398.718+/-68.160 χ^2/NDF : 498.2/26

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 209.316+/-0.072 χ^2/NDF : 835954.8/12

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

Right Out: 193.398+/-0.065 χ^2/NDF : 1149219.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

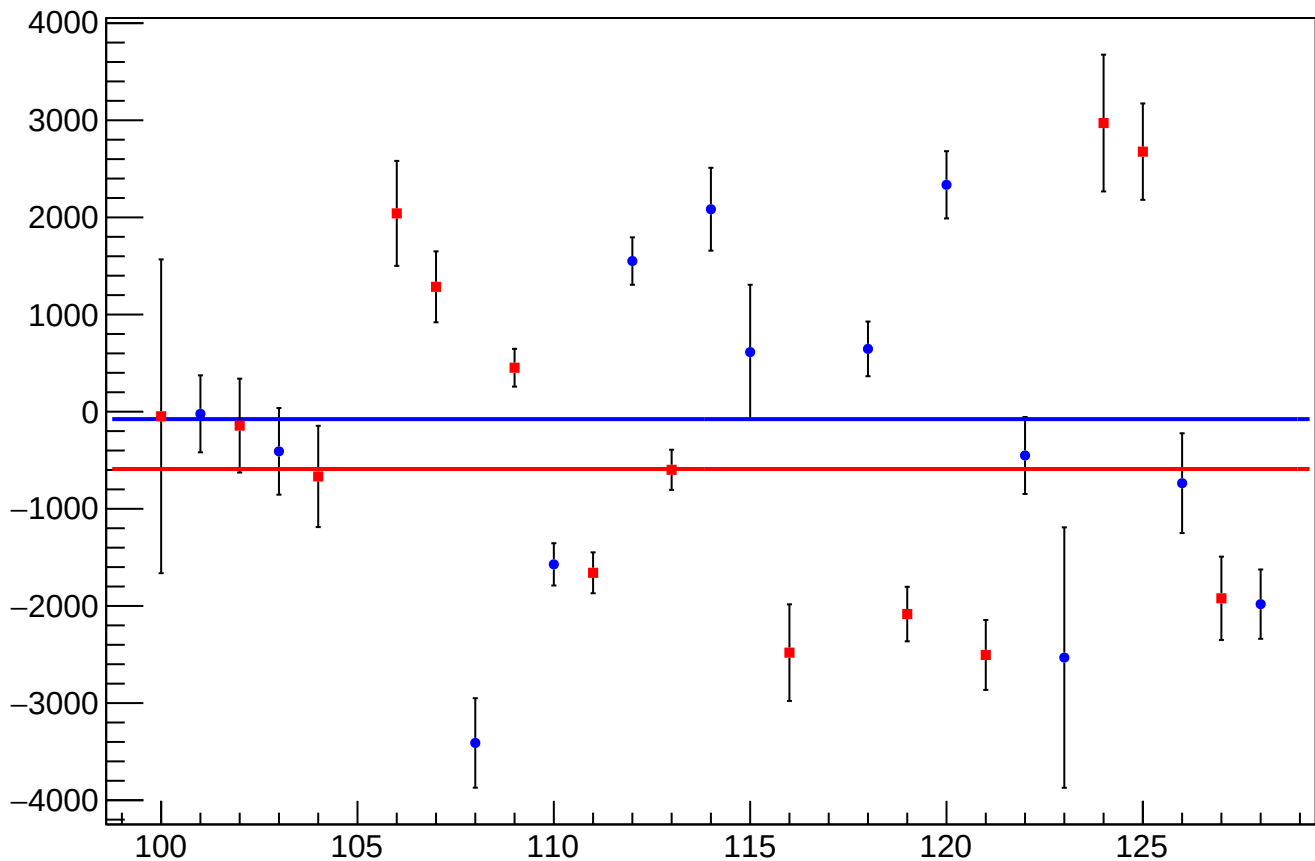
Right: 200.488+/-0.048 χ^2/NDF : 2012119.6/26

In: 209.316+/-0.072 χ^2/NDF : 835954.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 200.488+/-0.048 χ^2/NDF : 2012119.6/26

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: -76.569+/-99.437 χ^2/NDF : 260.8/12

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

Right Out: -589.994+/-88.489 χ^2/NDF : 255.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

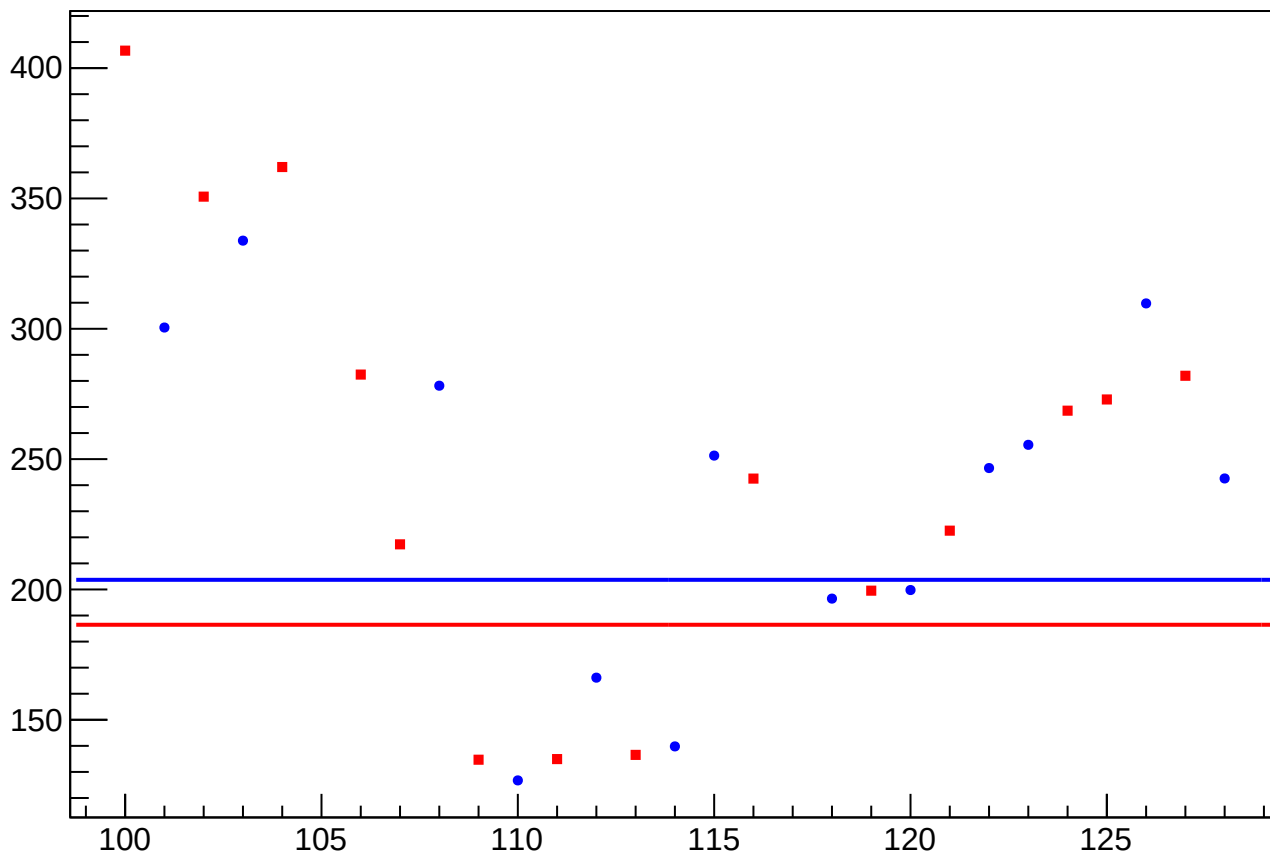
Right: -363.090+/-66.104 χ^2/NDF : 531.0/26

In: -76.569+/-99.437 χ^2/NDF : 260.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -363.090+/-66.104 χ^2/NDF : 531.0/26

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 203.698+/-0.070 χ^2/NDF : 830777.4/12

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

Right Out: 186.456+/-0.063 χ^2/NDF : 1187985.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

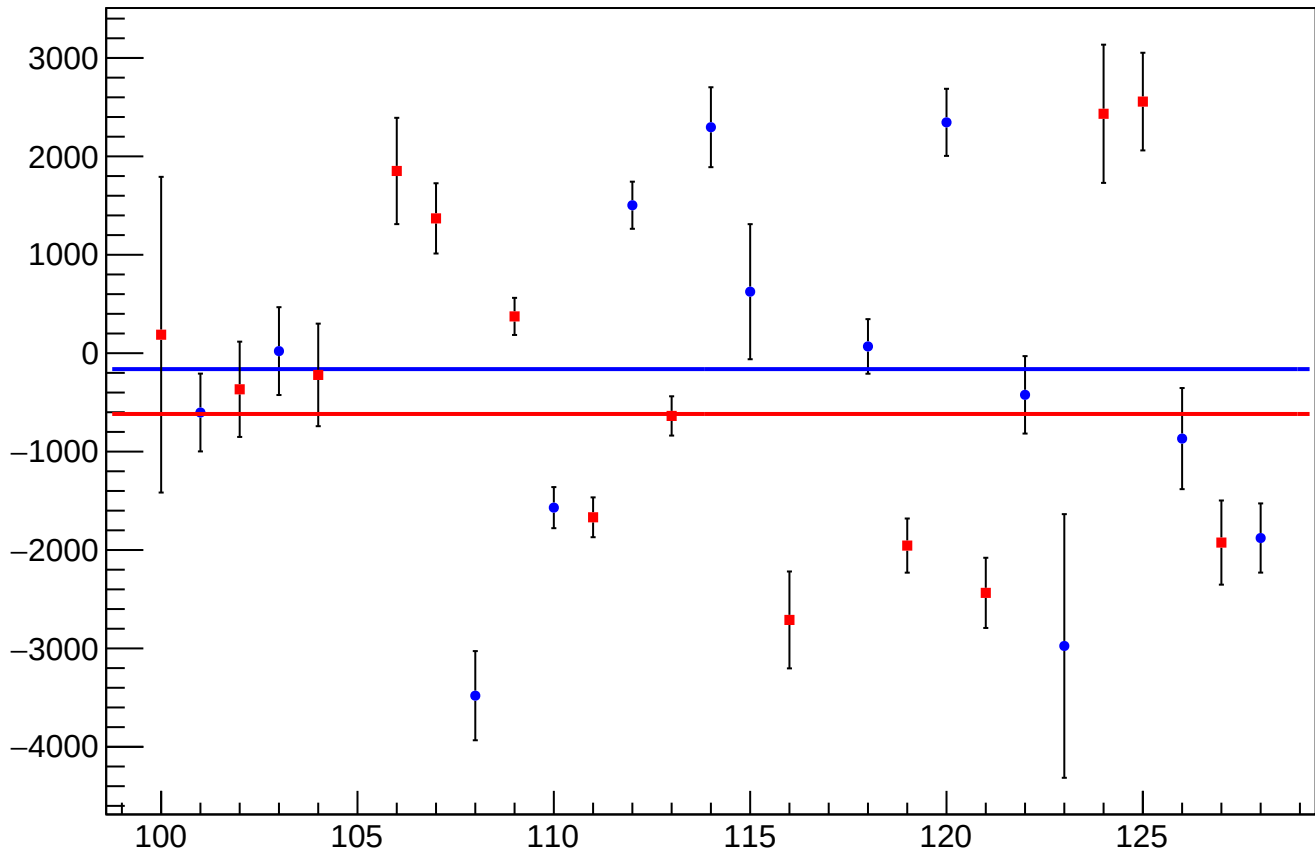
Right: 194.076+/-0.047 χ^2/NDF : 2052321.2/26

In: 203.698+/-0.070 χ^2/NDF : 830777.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 194.076+/-0.047 χ^2/NDF : 2052321.2/26

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: -161.745+/-97.430 χ^2/NDF : 272.1/12

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

Right Out: -617.612+/-86.387 χ^2/NDF : 244.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

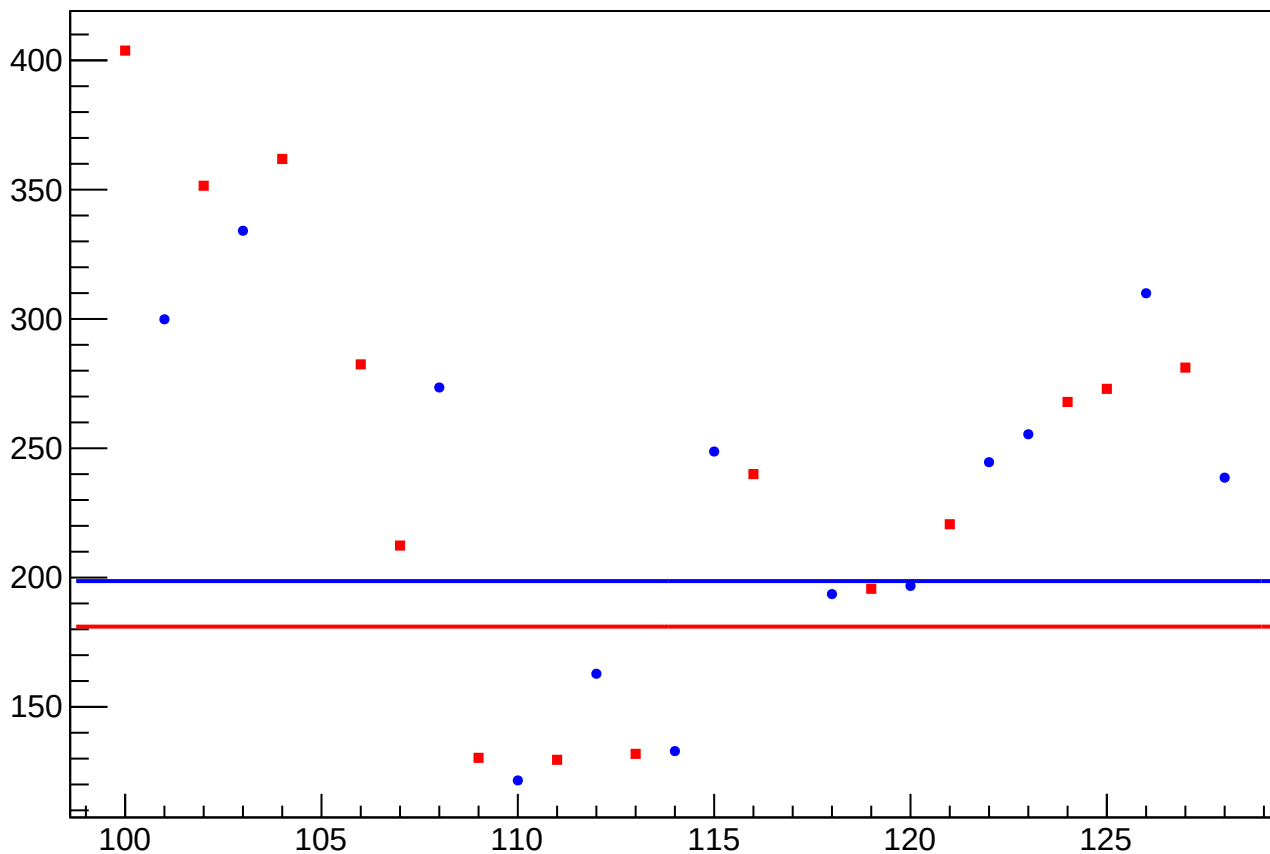
Right: -416.967+/-64.638 χ^2/NDF : 528.8/26

In: -161.745+/-97.430 χ^2/NDF : 272.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -416.967+/-64.638 χ^2/NDF : 528.8/26

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 198.646+/-0.069 χ^2/NDF : 901736.9/12

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

Right Out: 181.037+/-0.061 χ^2/NDF : 1277036.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

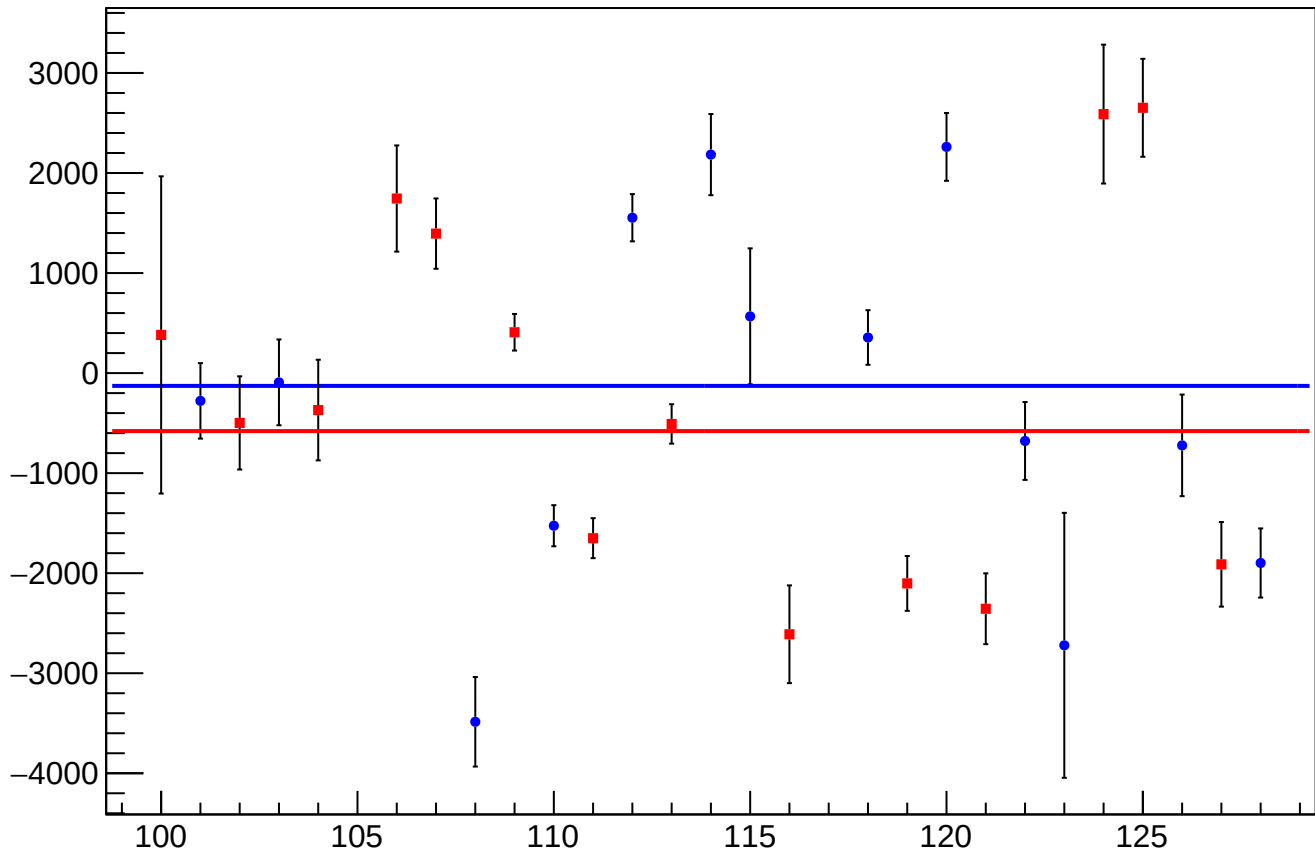
Right: 188.787+/-0.046 χ^2/NDF : 2215349.0/26

In: 198.646+/-0.069 χ^2/NDF : 901736.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 188.787+/-0.046 χ^2/NDF : 2215349.0/26

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -127.957+/-95.846 χ^2/NDF : 273.2/12

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

Right Out: -579.484+/-84.940 χ^2/NDF : 256.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

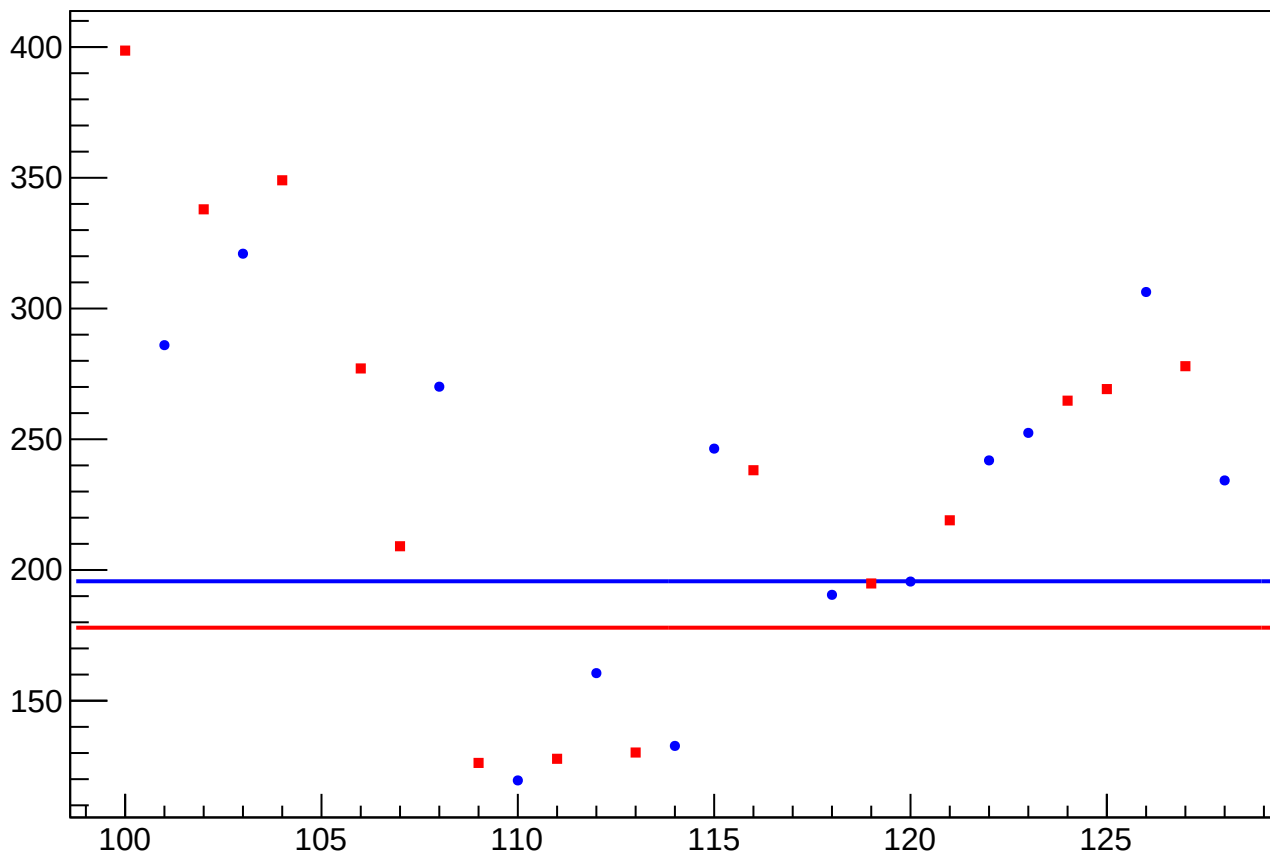
Right: -380.860+/-63.569 χ^2/NDF : 542.6/26

In: -127.957+/-95.846 χ^2/NDF : 273.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -380.860+/-63.569 χ^2/NDF : 542.6/26

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 195.686+/-0.068 χ^2/NDF : 871352.5/12

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

Right Out: 177.935+/-0.060 χ^2/NDF : 1272444.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

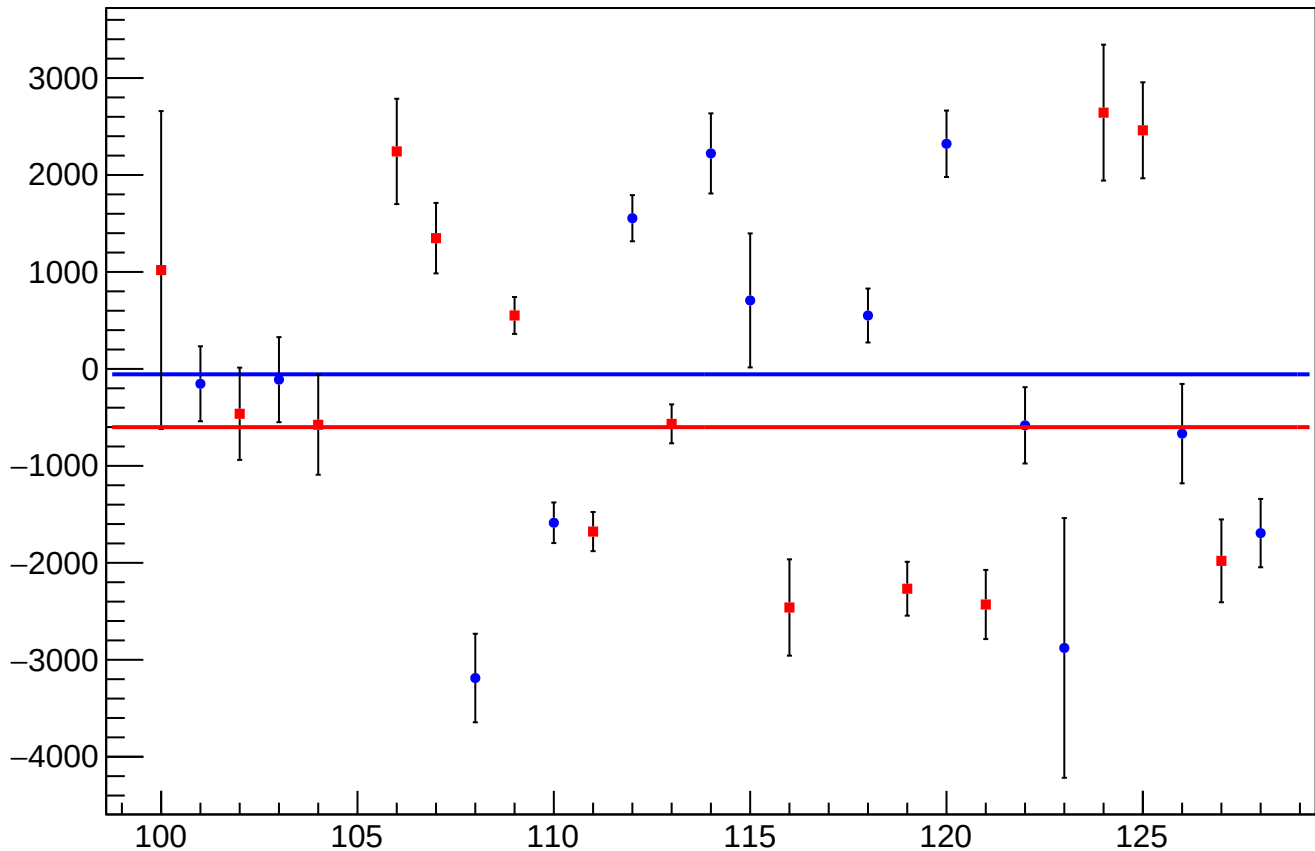
Right: 185.744+/-0.045 χ^2/NDF : 2182222.5/26

In: 195.686+/-0.068 χ^2/NDF : 871352.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.744+/-0.045 χ^2/NDF : 2182222.5/26

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: -55.650+/-97.392 χ^2/NDF : 260.1/12

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

Right Out: -600.581+/-86.737 χ^2/NDF : 268.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

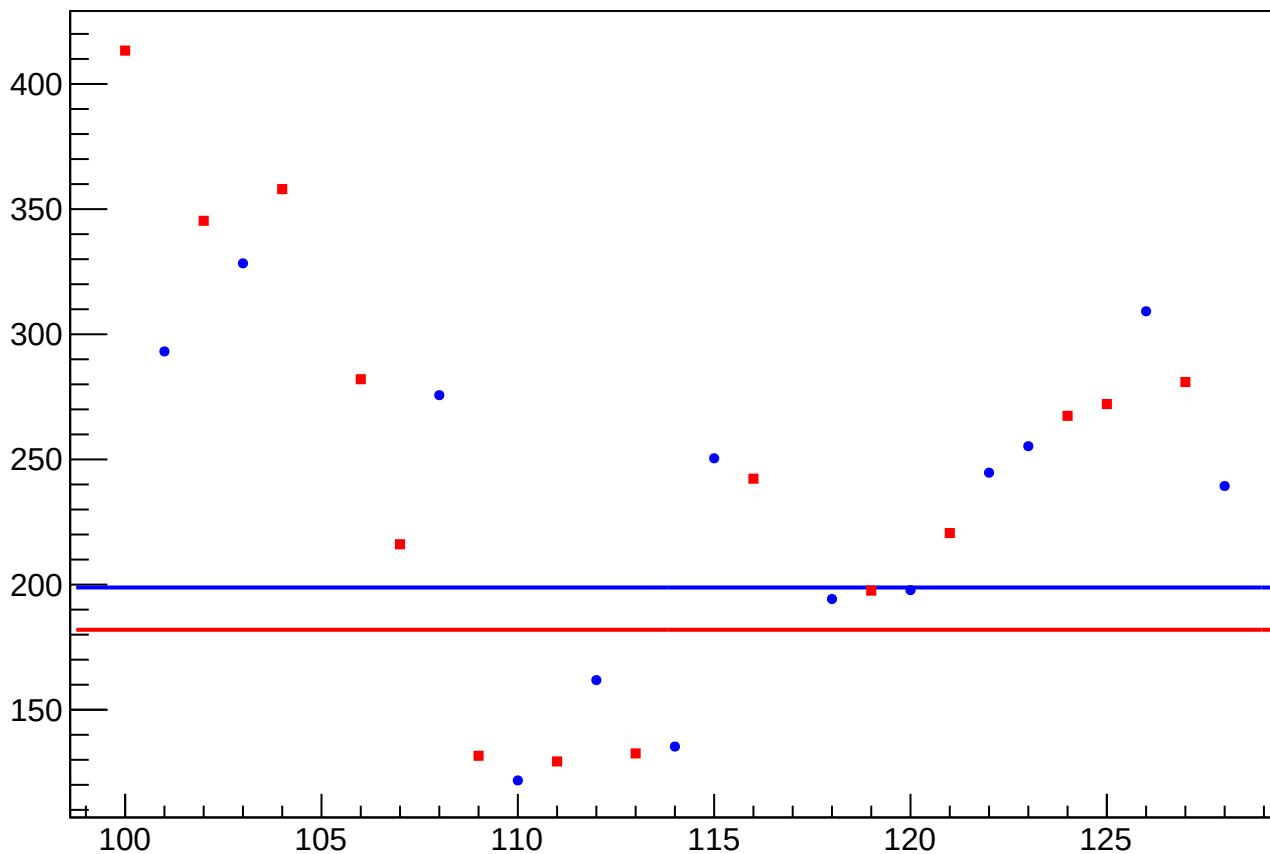
Right: -359.541+/-64.773 χ^2/NDF : 546.3/26

In: -55.650+/-97.392 χ^2/NDF : 260.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -359.541+/-64.773 χ^2/NDF : 546.3/26

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 198.843+/-0.069 χ^2/NDF : 878731.5/12

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

Right Out: 181.946+/-0.061 χ^2/NDF : 1253800.3/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

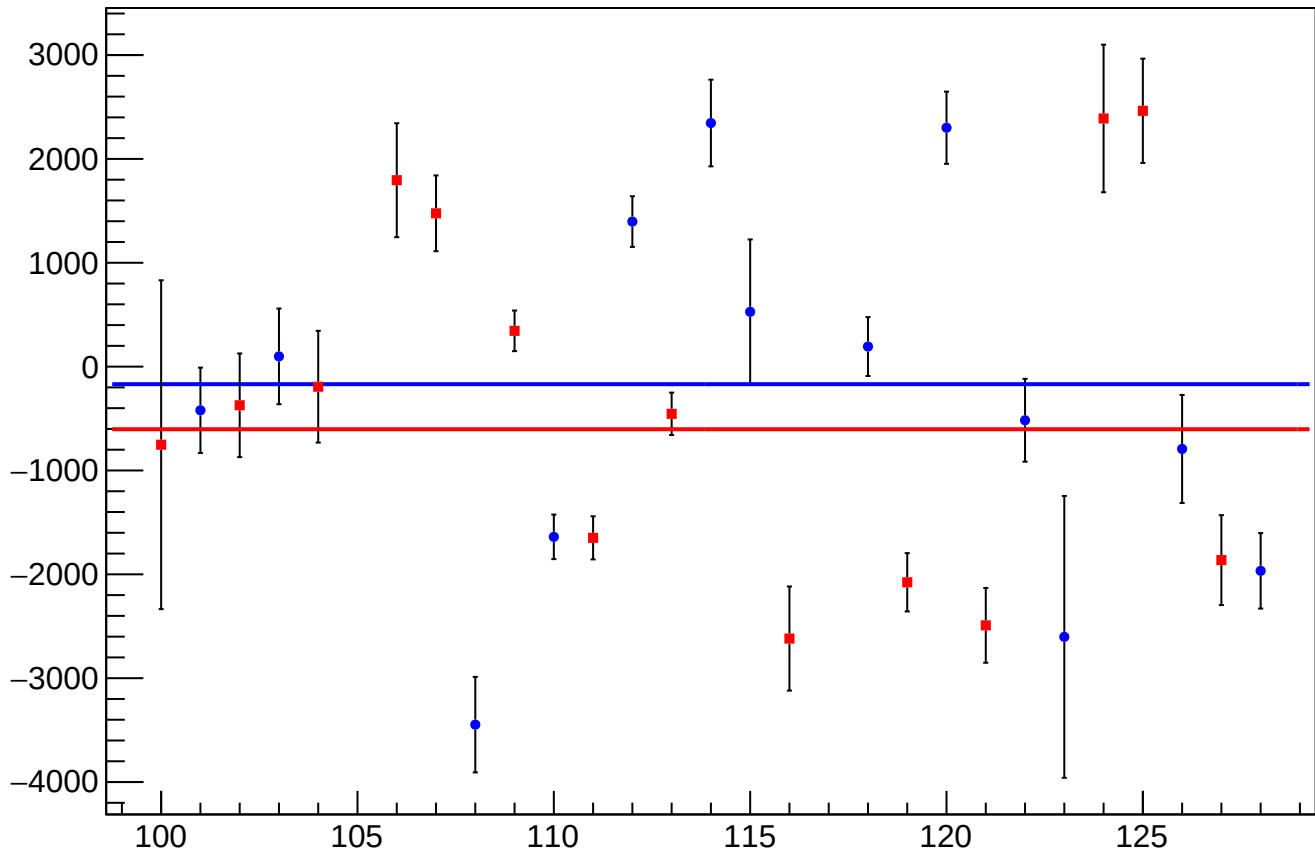
Right: 189.420+/-0.046 χ^2/NDF : 2166102.7/26

In: 198.843+/-0.069 χ^2/NDF :878731.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 189.420+/-0.046 χ^2/NDF : 2166102.7/26

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: -169.113+/-99.725 χ^2/NDF : 259.1/12

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

Right Out: -602.871+/-88.487 χ^2/NDF : 236.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

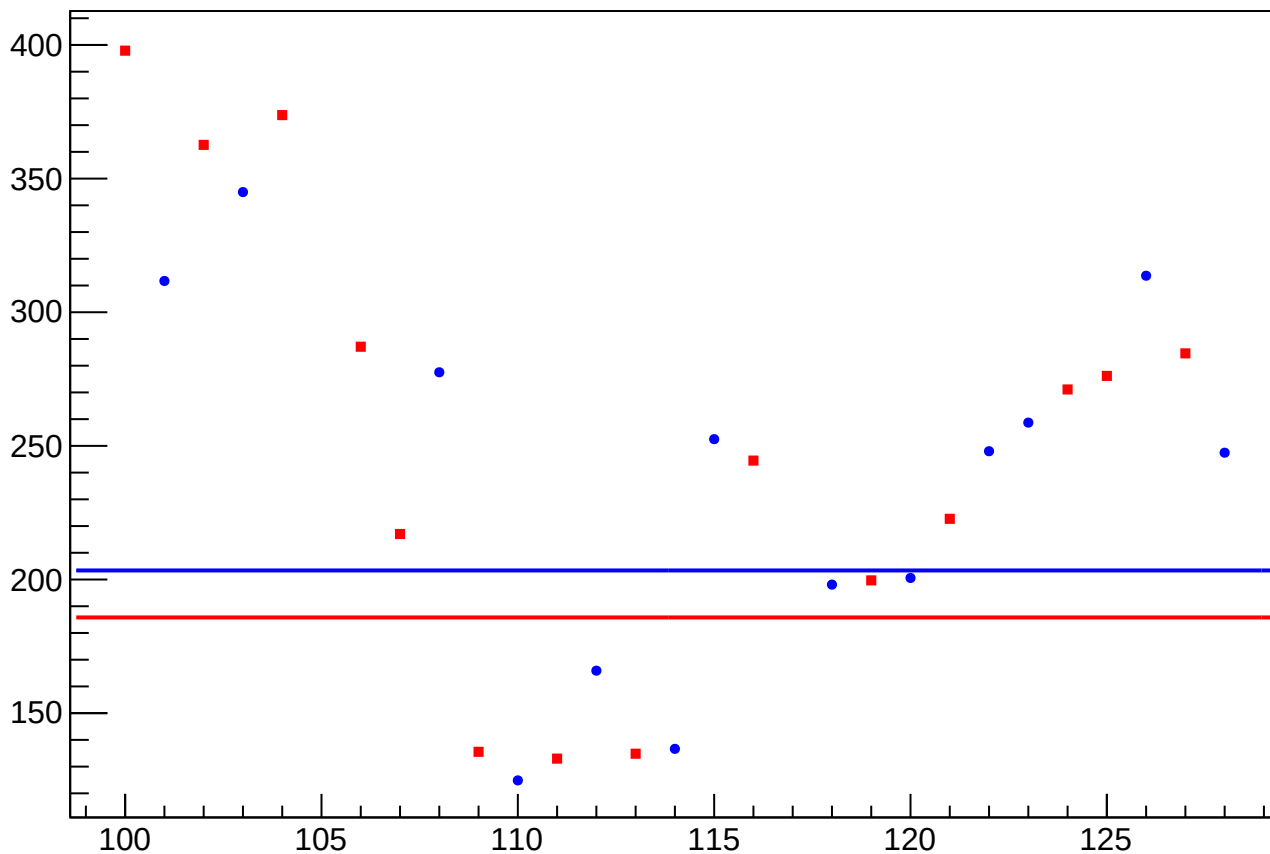
Right: -411.799+/-66.188 χ^2/NDF : 506.2/26

In: -169.113+/-99.725 χ^2/NDF : 259.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -411.799+/-66.188 χ^2/NDF : 506.2/26

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 203.393+/-0.071 χ^2/NDF : 905366.3/12

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

Right Out: 185.815+/-0.063 χ^2/NDF : 1251345.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

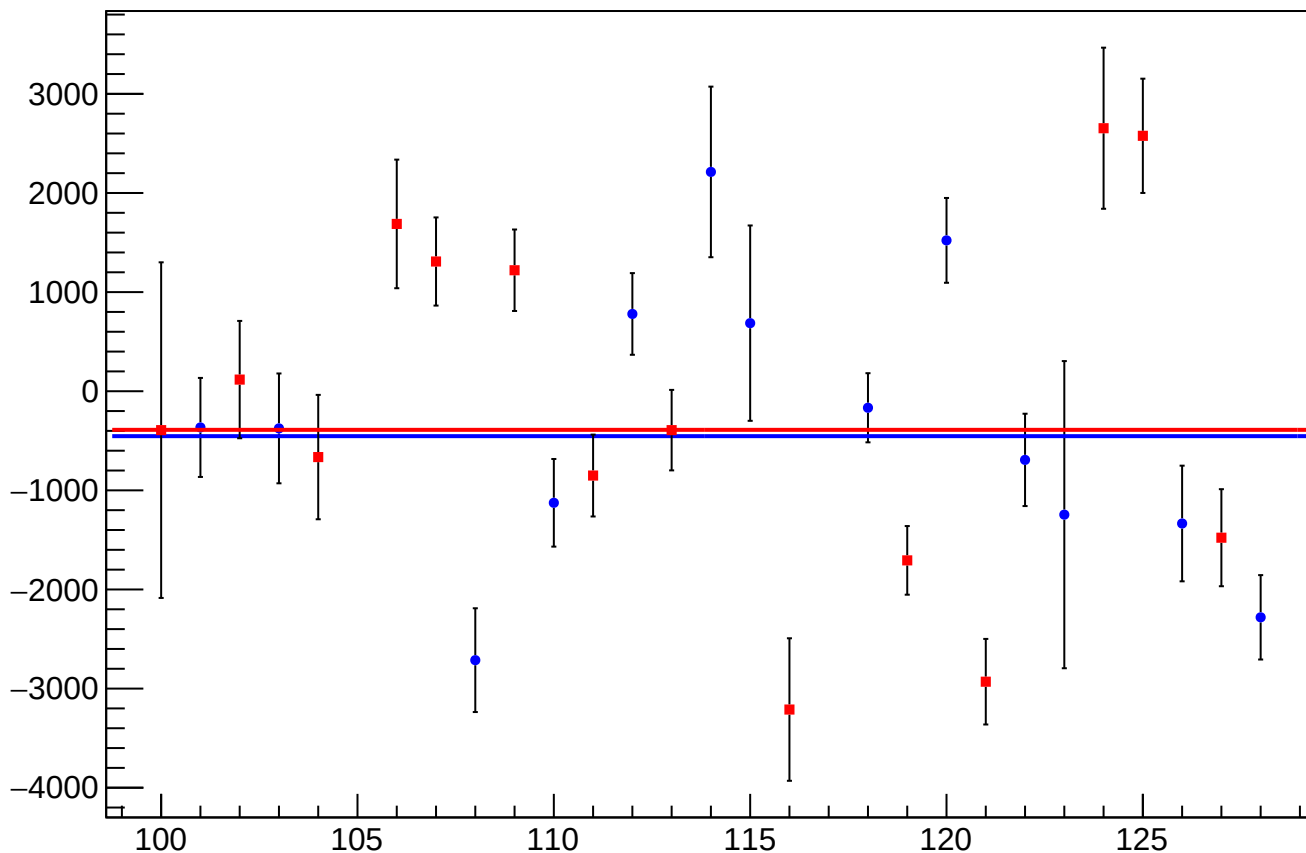
Right: 193.558+/-0.047 χ^2/NDF : 2191478.4/26

In: 203.393+/-0.071 χ^2/NDF :905366.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 193.558+/-0.047 χ^2/NDF : 2191478.4/26

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -453.268+/-139.391 χ^2 /NDF: 84.1/12

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

Right Out: -389.503+/-134.399 χ^2 /NDF: 152.3/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

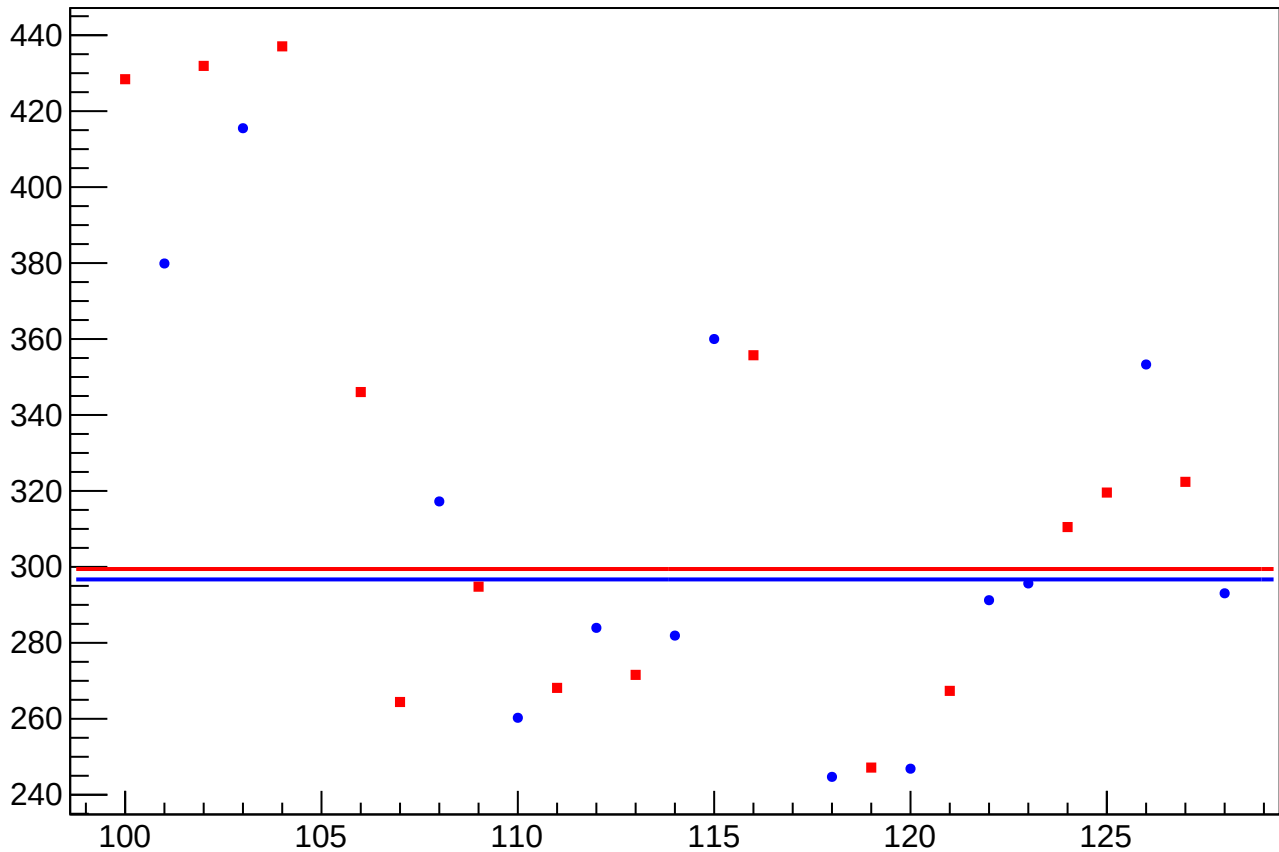
Right: -420.224+/-96.751 χ^2 /NDF: 236.5/26

In: -453.268+/-139.391 χ^2 /NDF:84.1/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -420.224+/-96.751 χ^2 /NDF: 236.5/26

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 296.697 $\pm$ 0.099 χ^2 /NDF: 265653.7/12

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

Right Out: 299.442 $\pm$ 0.095 χ^2 /NDF: 327996.2/13

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

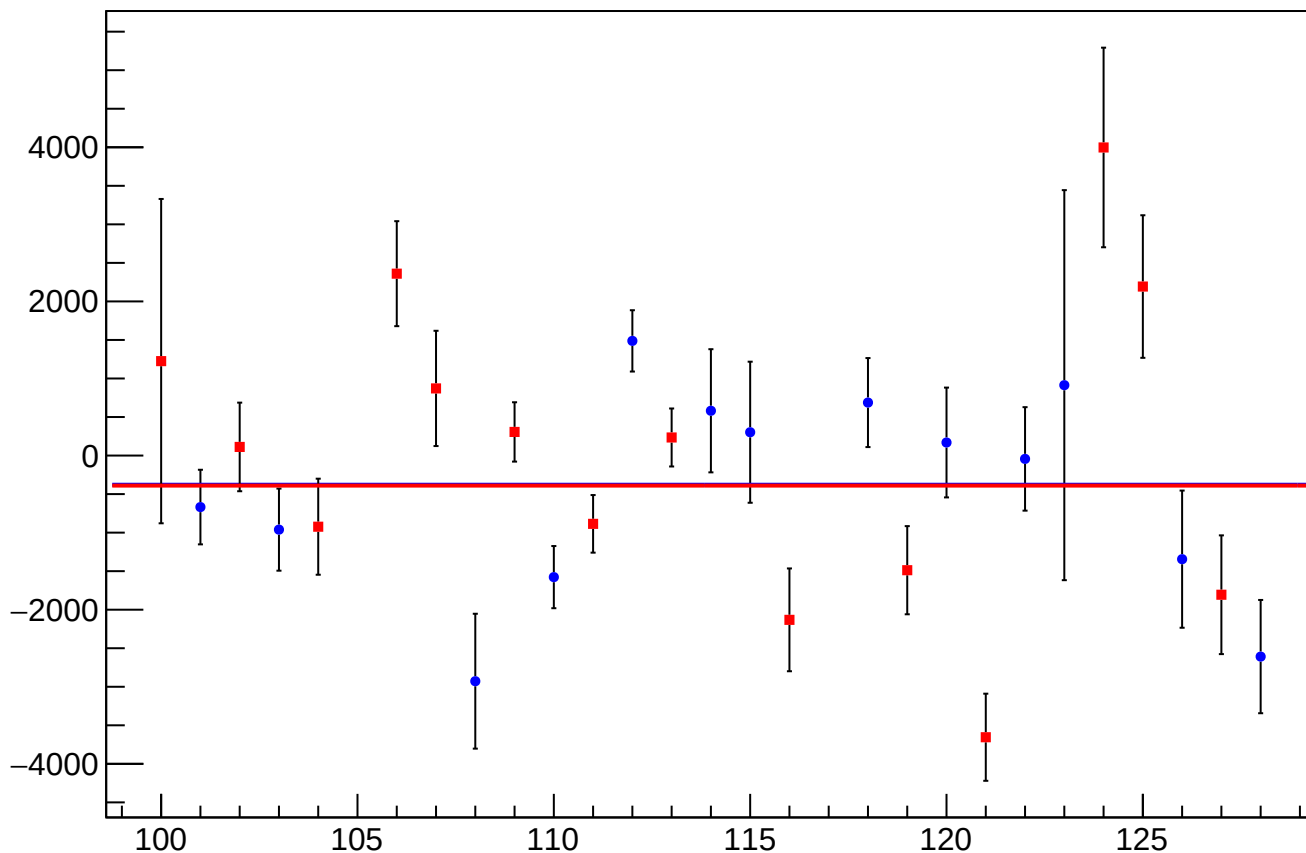
Right: 298.120 $\pm$ 0.068 χ^2 /NDF: 594051.7/26

In: 296.697 $\pm$ 0.099 χ^2 /NDF:265653.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 298.120 $\pm$ 0.068 χ^2 /NDF: 594051.7/26

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -378.672+/-169.549 χ^2/NDF : 57.8/12

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

Right Out: -389.729+/-153.156 χ^2/NDF : 95.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

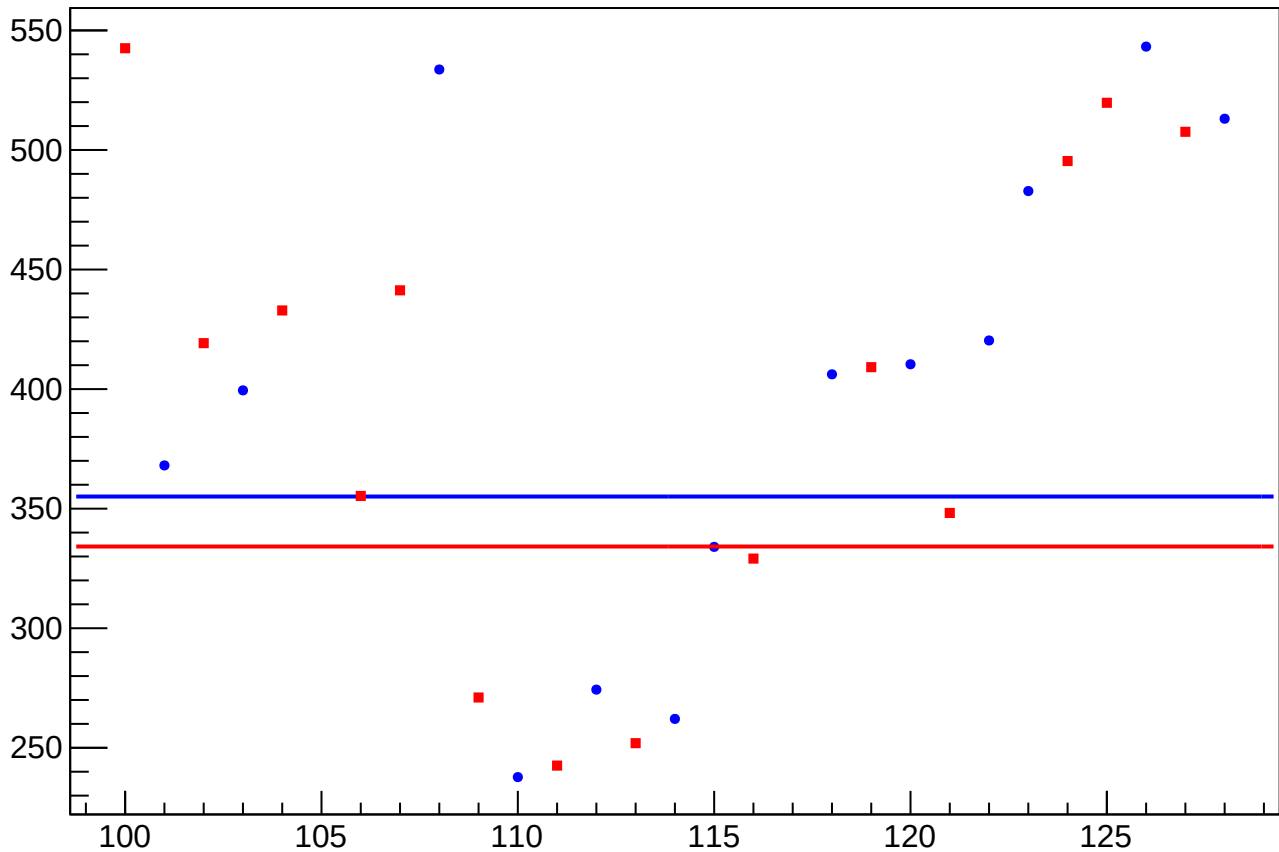
Right: -384.761+/-113.652 χ^2/NDF : 153.3/26

In: -378.672+/-169.549 χ^2/NDF : 57.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -384.761+/-113.652 χ^2/NDF : 153.3/26

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 355.074+/-0.120 χ^2/NDF : 612022.1/12

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

Right Out: 334.176+/-0.108 χ^2/NDF : 674711.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

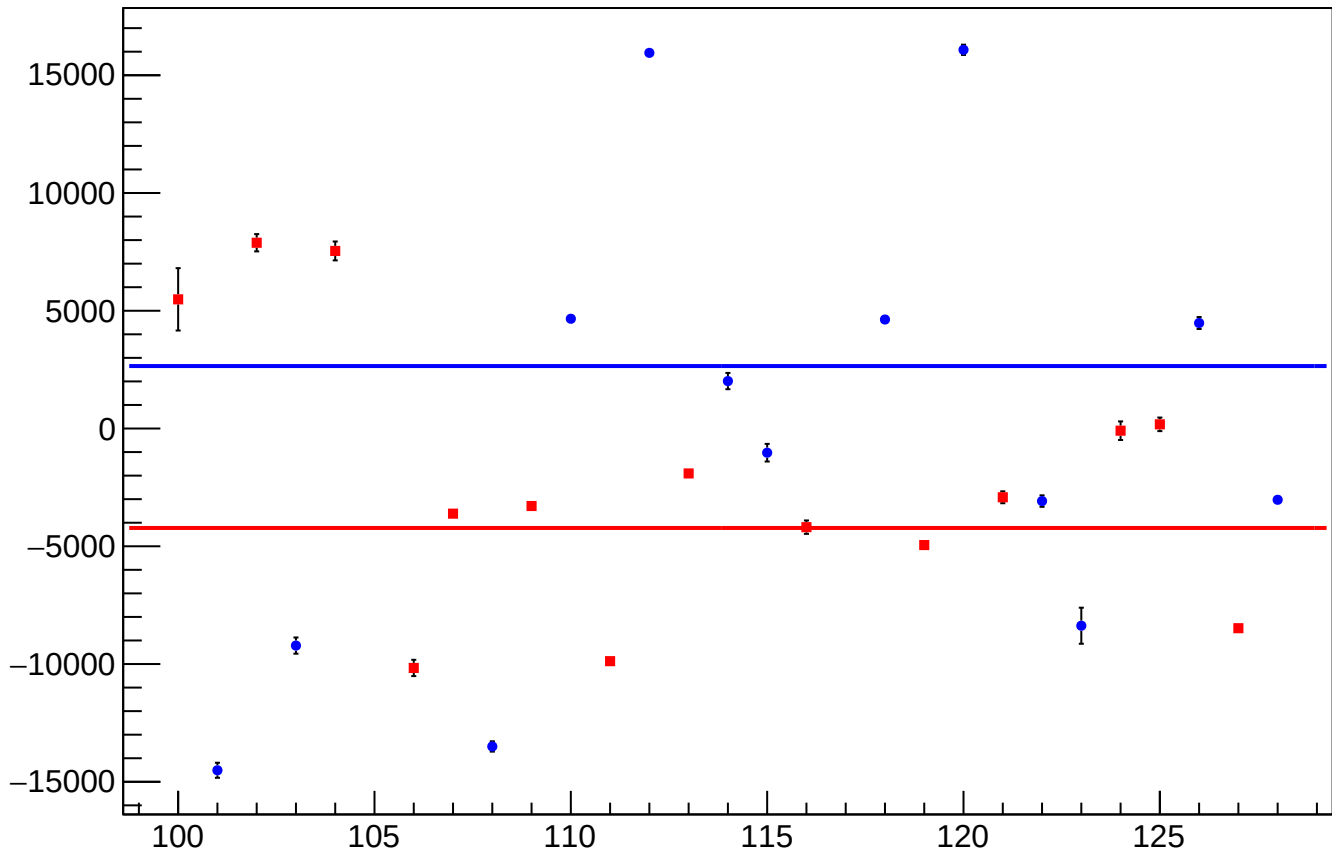
Right: 343.566+/-0.080 χ^2/NDF : 1303466.2/26

In: 355.074+/-0.120 χ^2/NDF : 612022.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 343.566+/-0.080 χ^2/NDF : 1303466.2/26

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 2652.070+/-64.774 χ^2/NDF : 21266.0/12

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

Right Out: -4222.596+/-61.660 χ^2/NDF : 4653.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

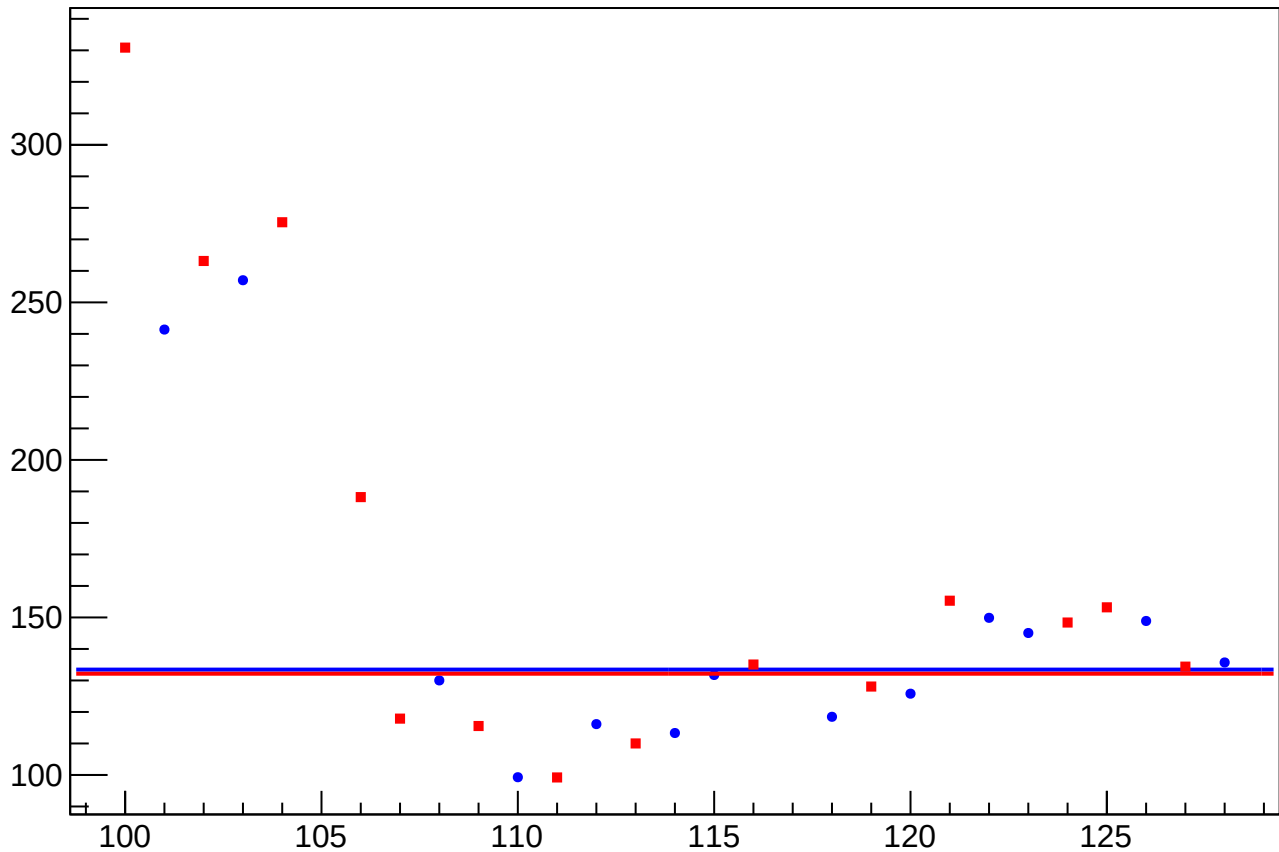
Right: -954.479+/-44.660 χ^2/NDF : 31829.3/26

In: 2652.070+/-64.774 χ^2/NDF :21266.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -954.479+/-44.660 χ^2/NDF : 31829.3/26

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 133.444+/-0.046 χ^2/NDF : 628790.9/12

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

Right Out: 132.139+/-0.044 χ^2/NDF : 795839.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

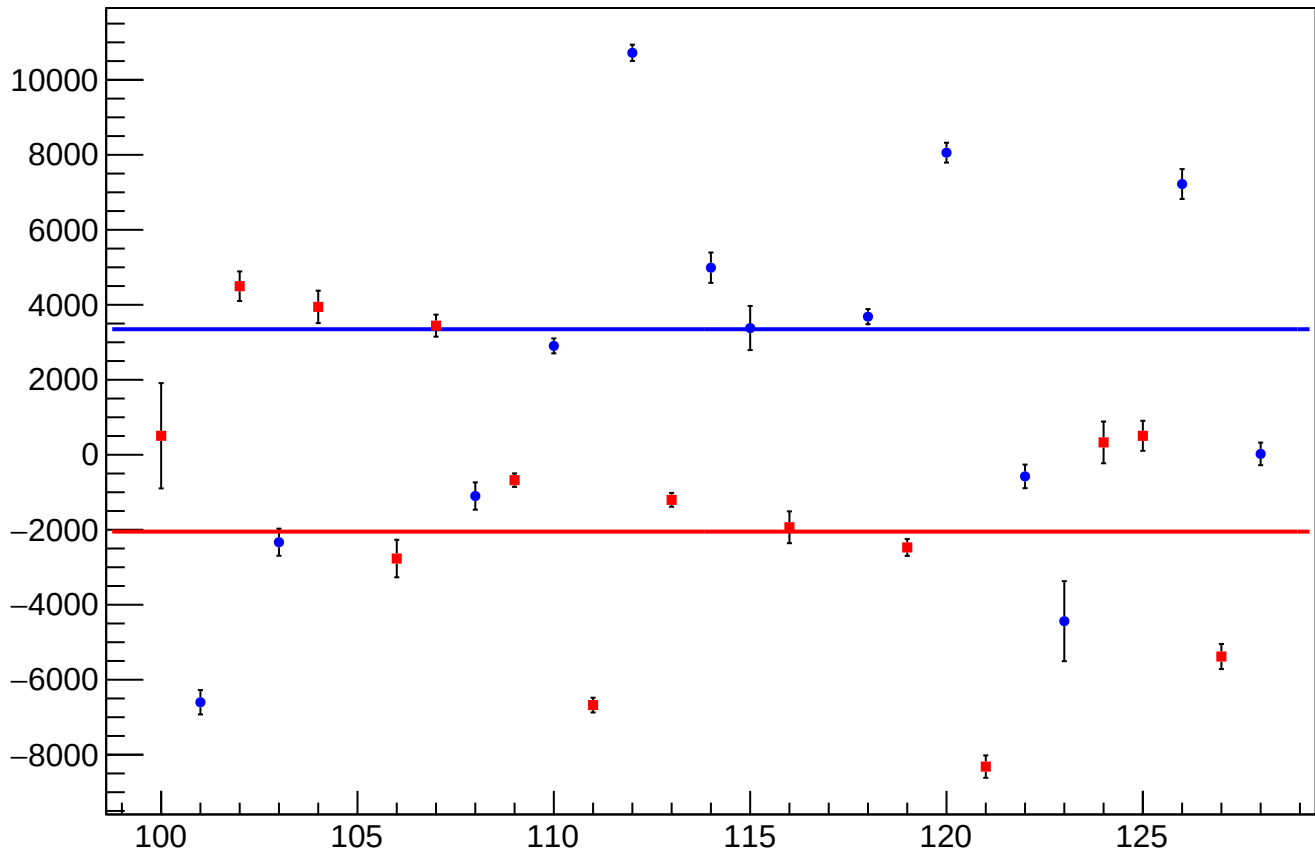
Right: 132.759+/-0.032 χ^2/NDF : 1425056.1/26

In: 133.444+/-0.046 χ^2/NDF :628790.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 132.759+/-0.032 χ^2/NDF : 1425056.1/26

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 3348.545+/-82.581 χ^2/NDF : 3240.0/12

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

Right Out: -2049.700+/-77.109 χ^2/NDF : 2053.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

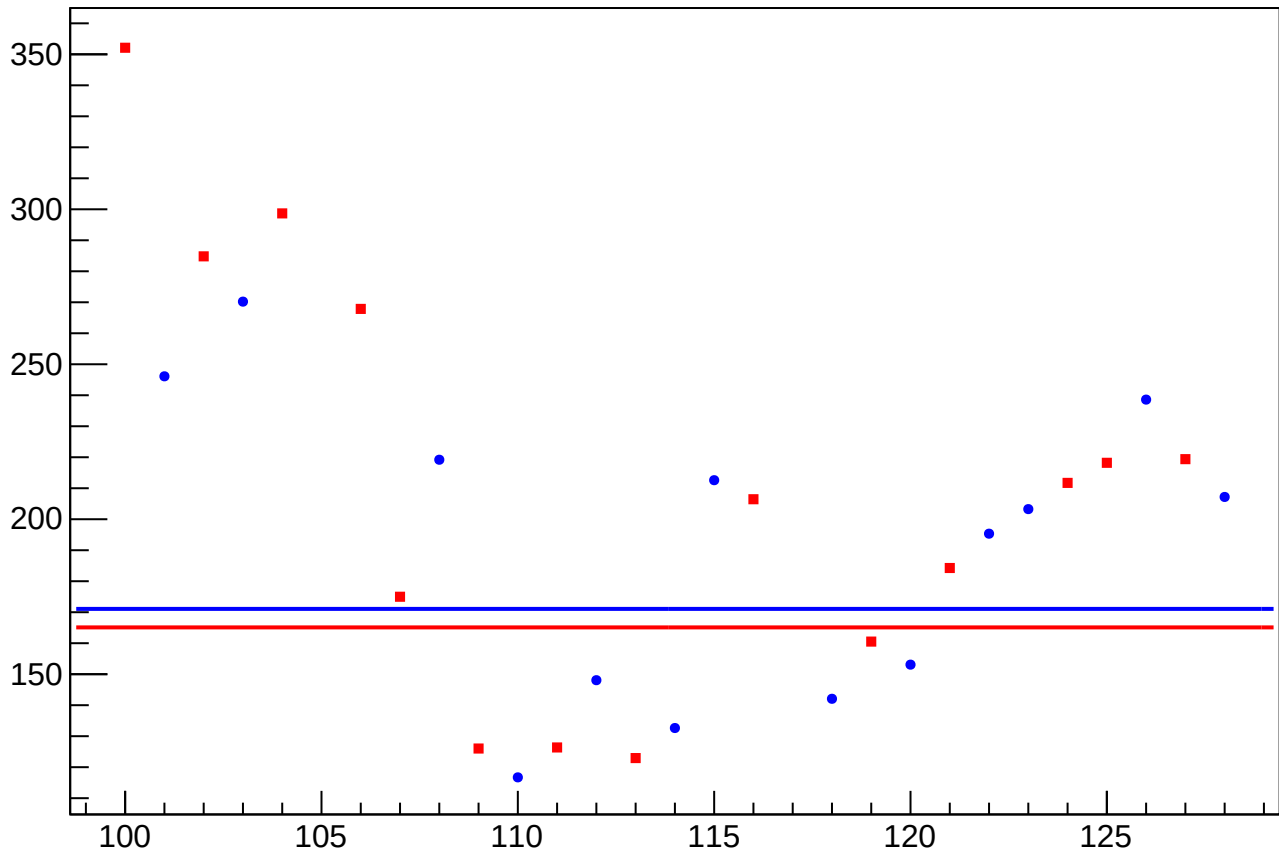
Right: 464.680+/-56.360 χ^2/NDF : 7576.2/26

In: 3348.545+/-82.581 χ^2/NDF :3240.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 464.680+/-56.360 χ^2/NDF : 7576.2/26

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 171.072 ± 0.058 χ^2/NDF : 640342.8/12

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

Right Out: 165.101 ± 0.055 χ^2/NDF : 901560.1/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

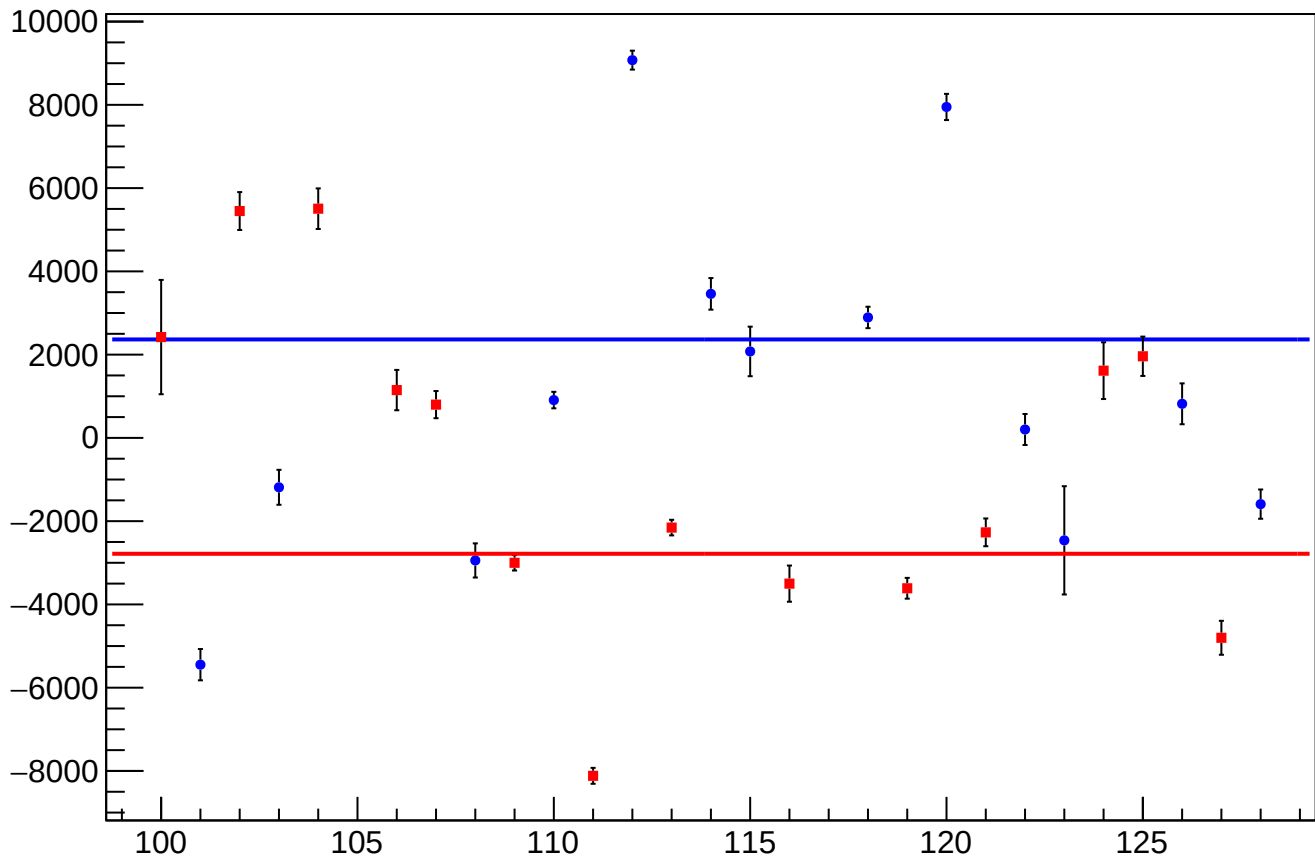
Right: 167.882 ± 0.040 χ^2/NDF : 1547488.3/26

In: 171.072 ± 0.058 χ^2/NDF : 640342.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 167.882 ± 0.040 χ^2/NDF : 1547488.3/26

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 2365.003+/-91.838 χ^2/NDF : 2107.7/12

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

Right Out: -2783.479+/-81.391 χ^2/NDF : 1788.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

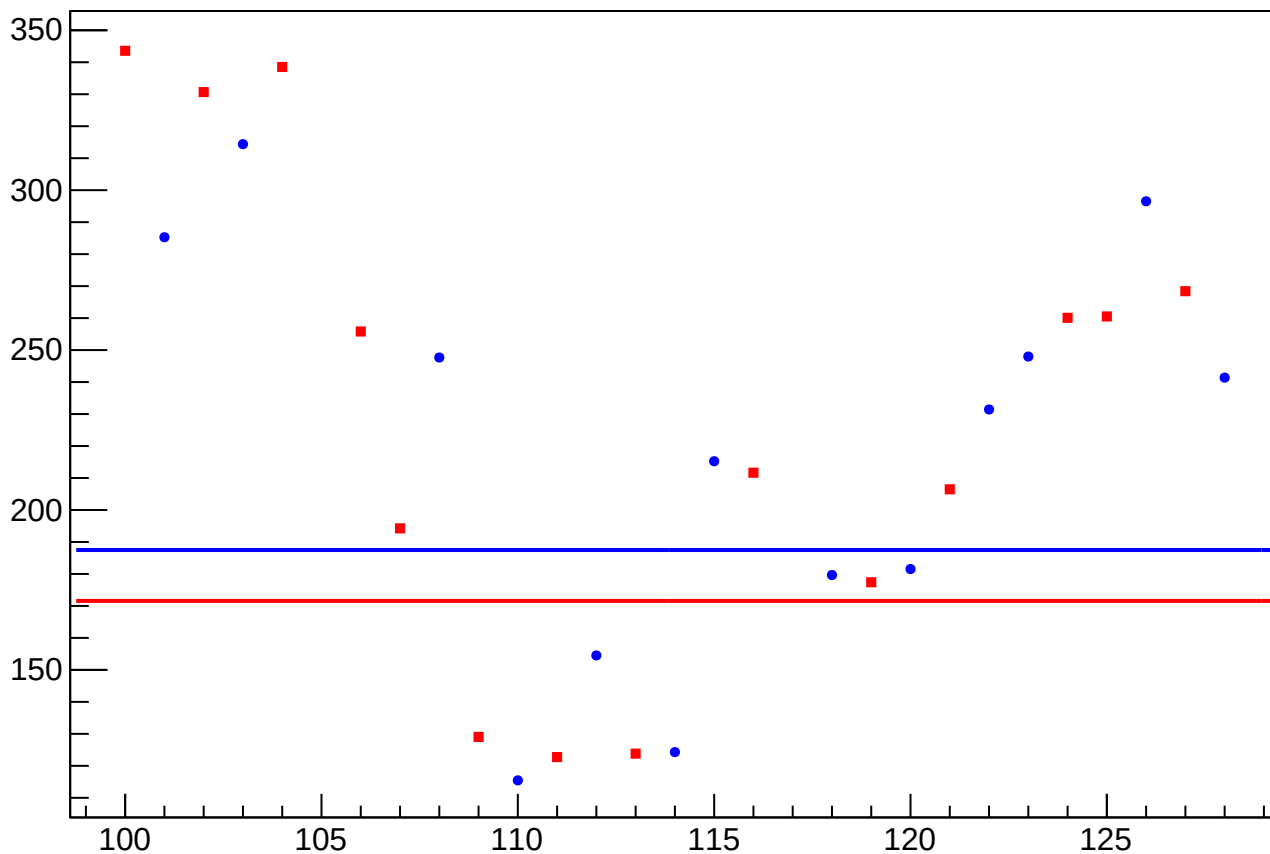
Right: -518.591+/-60.912 χ^2/NDF : 5656.9/26

In: 2365.003+/-91.838 χ^2/NDF :2107.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -518.591+/-60.912 χ^2/NDF : 5656.9/26

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 187.481+/-0.065 χ^2/NDF : 907931.9/12

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

Right Out: 171.566+/-0.058 χ^2/NDF : 1202761.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

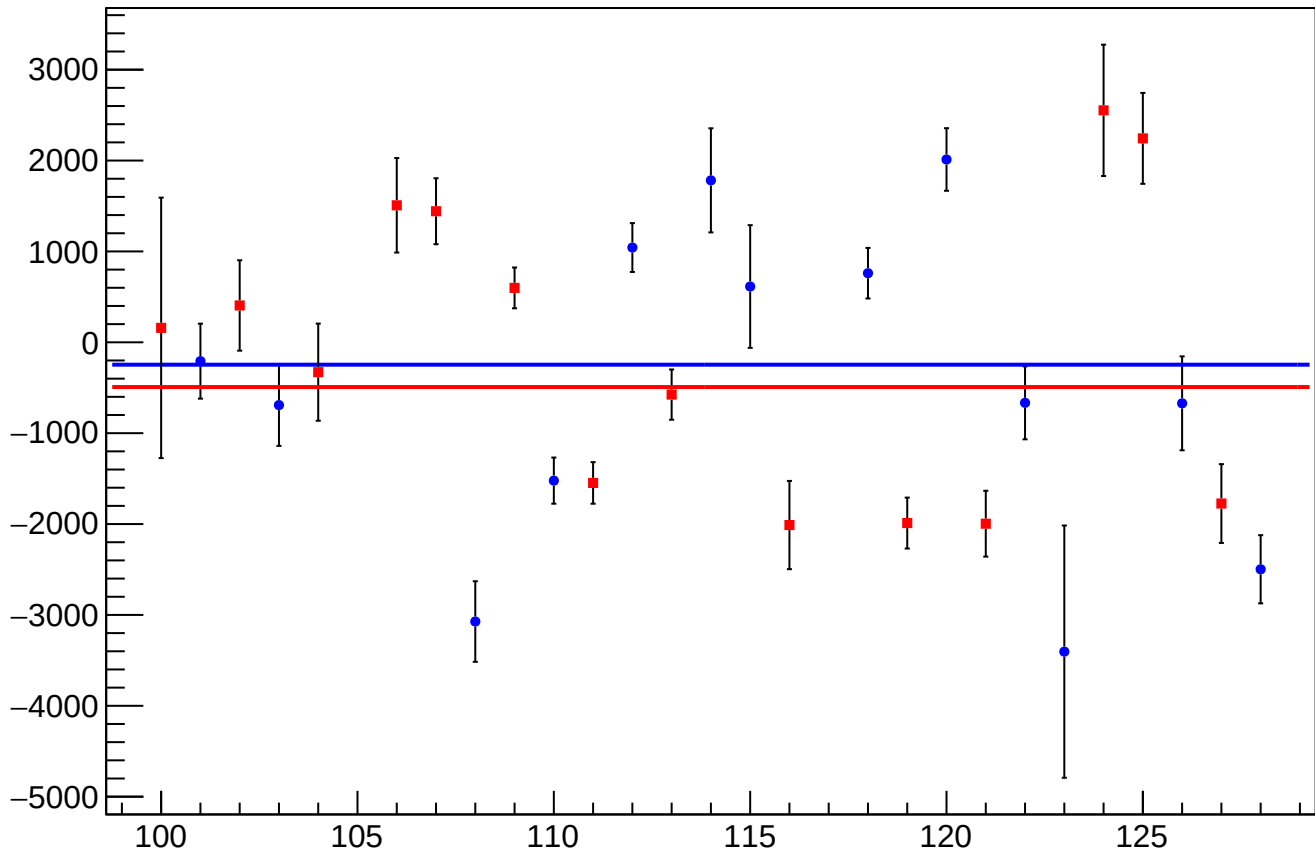
Right: 178.567+/-0.043 χ^2/NDF : 2144332.3/26

In: 187.481+/-0.065 χ^2/NDF : 907931.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.567+/-0.043 χ^2/NDF : 2144332.3/26

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -246.333+/-105.739 χ^2/NDF : 203.1/12

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

Right Out: -492.502+/-96.597 χ^2/NDF : 203.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

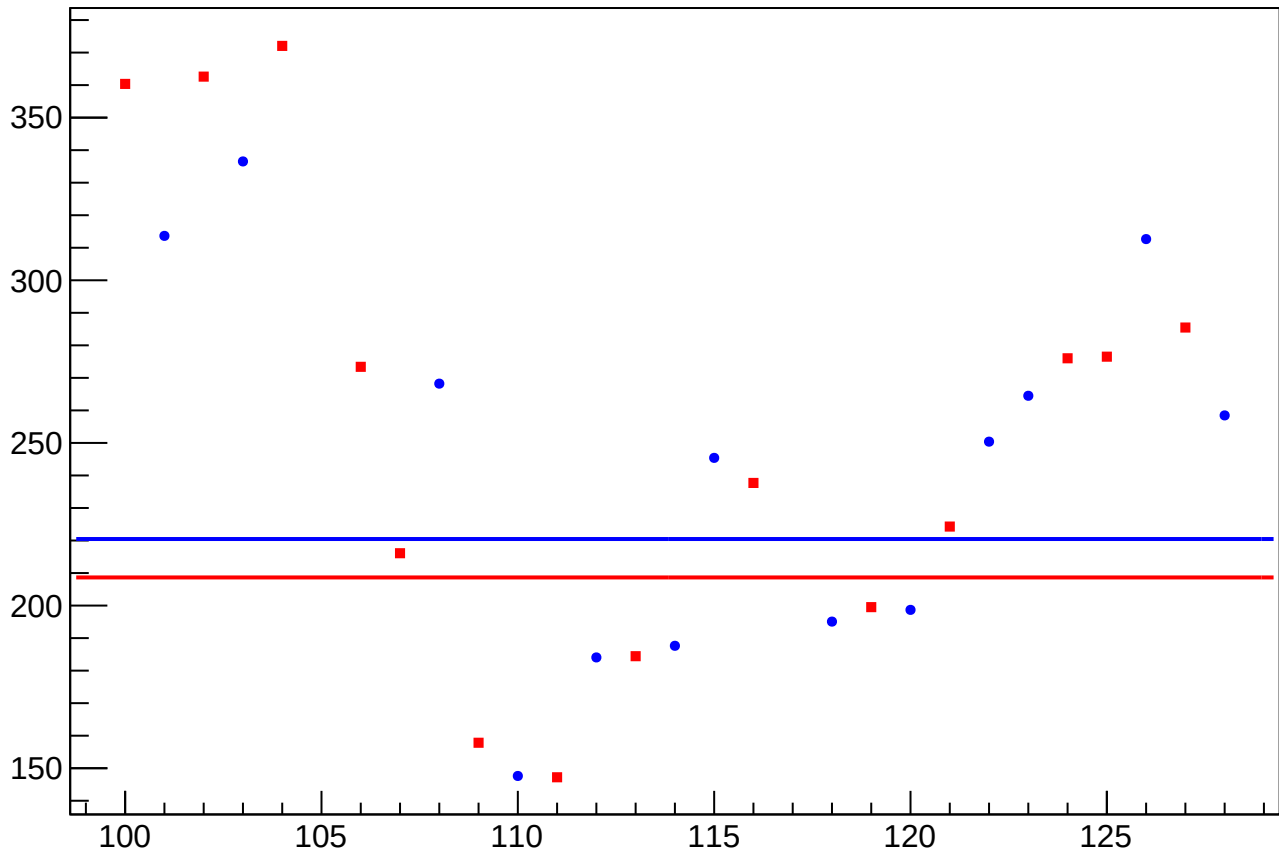
Right: -380.517+/-71.318 χ^2/NDF : 409.8/26

In: -246.333+/-105.739 χ^2/NDF : 203.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -380.517+/-71.318 χ^2/NDF : 409.8/26

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 220.461+/-0.075 χ^2/NDF : 591433.5/12

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

Right Out: 208.649+/-0.068 χ^2/NDF : 824911.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

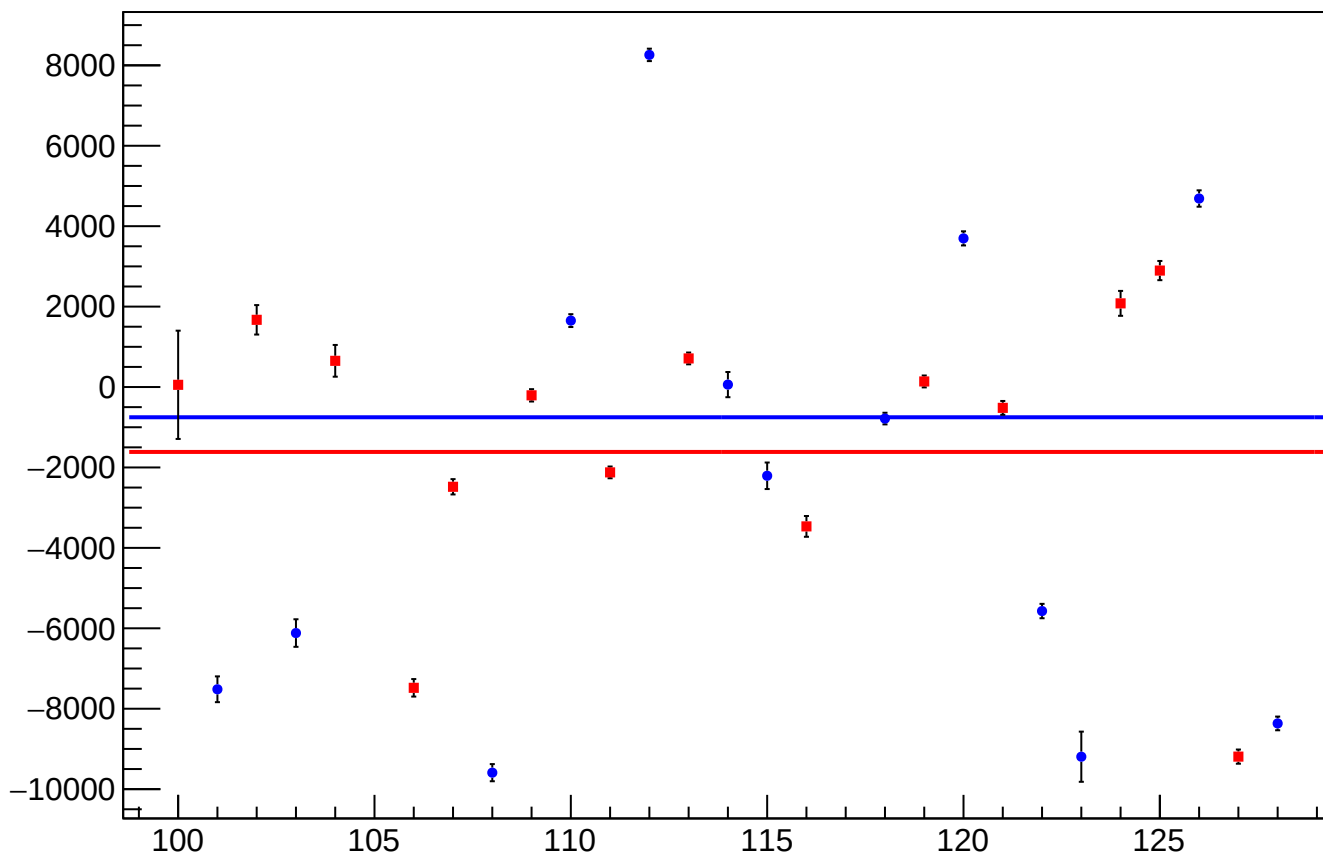
Right: 214.022+/-0.050 χ^2/NDF : 1429949.5/26

In: 220.461+/-0.075 χ^2/NDF : 591433.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.022+/-0.050 χ^2/NDF : 1429949.5/26

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -751.821 ± 56.503 χ^2/NDF : 10320.4/12

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

Right Out: -1614.049 ± 53.189 χ^2/NDF : 3785.3/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

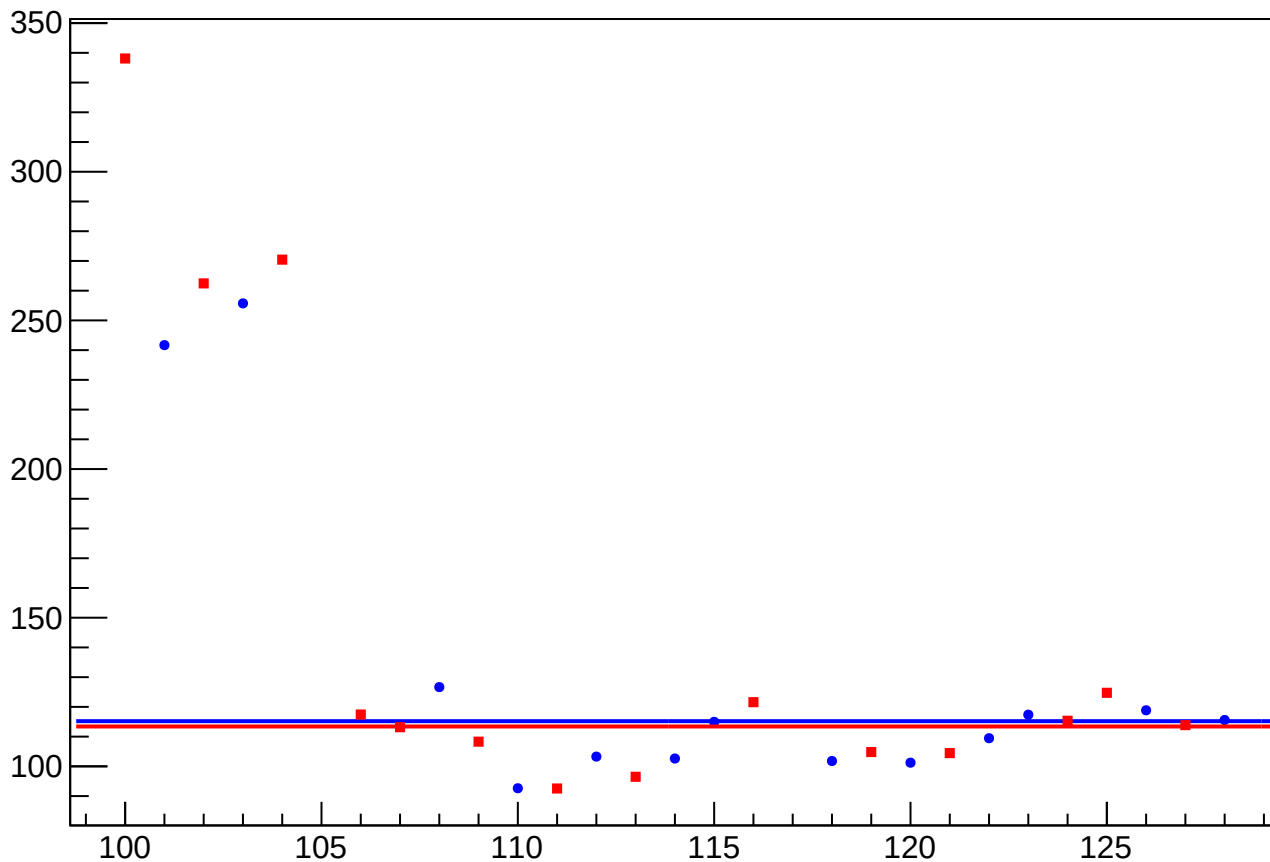
Right: -1208.961 ± 38.729 χ^2/NDF : 14229.2/26

In: -751.821 ± 56.503 χ^2/NDF : 10320.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1208.961 ± 38.729 χ^2/NDF : 14229.2/26

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 115.194+/-0.040 χ^2/NDF : 740600.8/12

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

Right Out: 113.409+/-0.038 χ^2/NDF : 792090.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

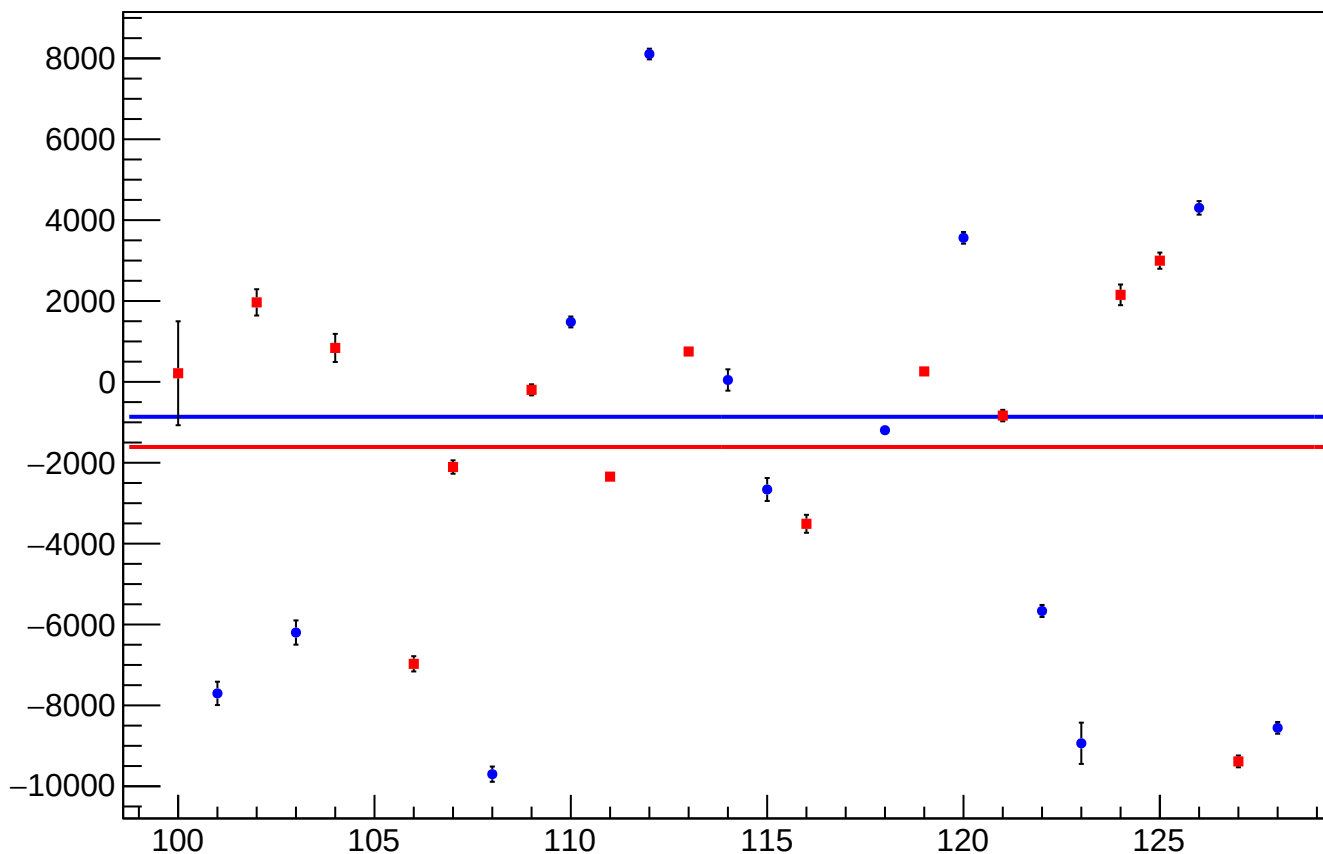
Right: 114.248+/-0.027 χ^2/NDF : 1533749.3/26

In: 115.194+/-0.040 χ^2/NDF : 740600.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.248+/-0.027 χ^2/NDF : 1533749.3/26

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: -863.262+/-47.692 χ^2/NDF : 14023.9/12

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

Right Out: -1609.710+/-44.984 χ^2/NDF : 5430.6/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

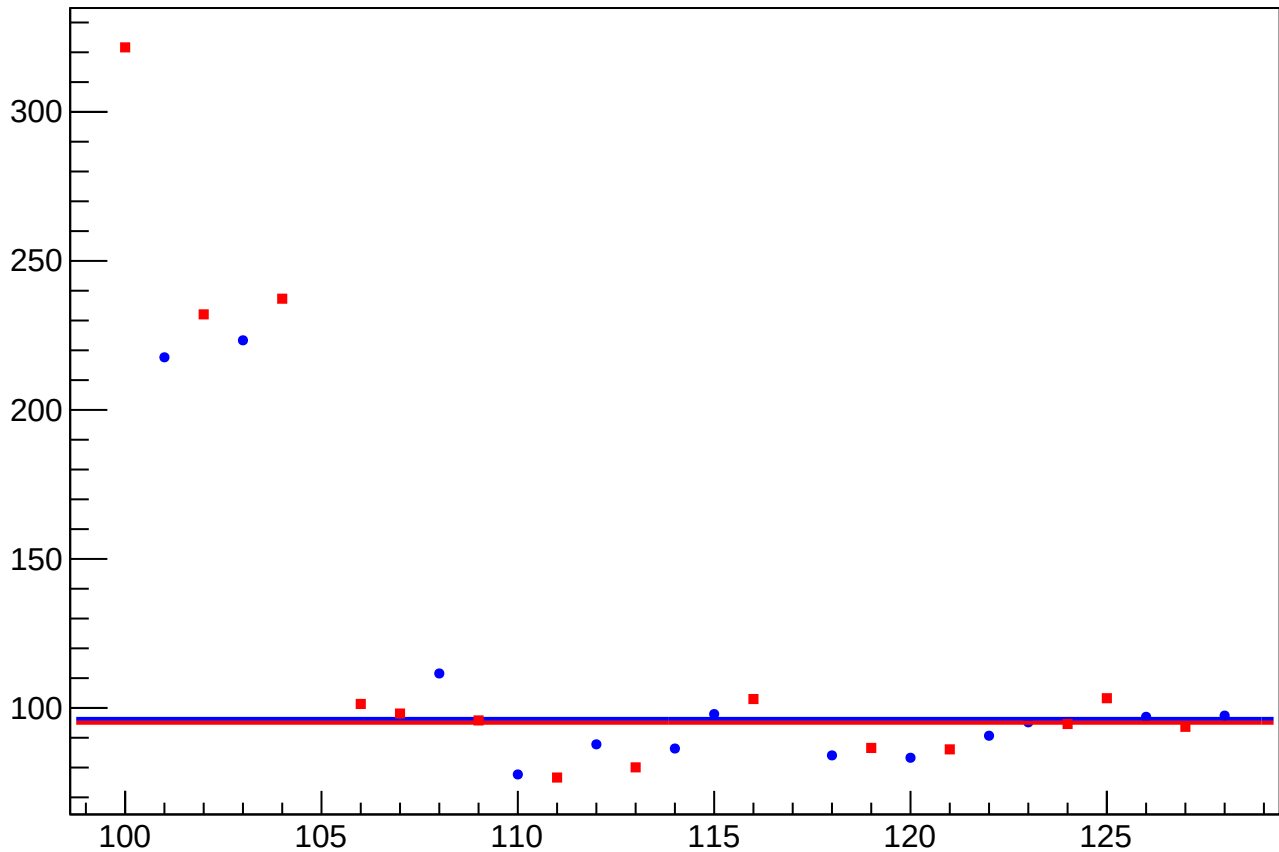
Right: -1258.276+/-32.724 χ^2/NDF : 19584.1/26

In: -863.262+/-47.692 χ^2/NDF :14023.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1258.276+/-32.724 χ^2/NDF : 19584.1/26

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 96.333+/-0.034 χ^2/NDF : 814150.1/12

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

Right Out: 95.034+/-0.032 χ^2/NDF : 854062.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

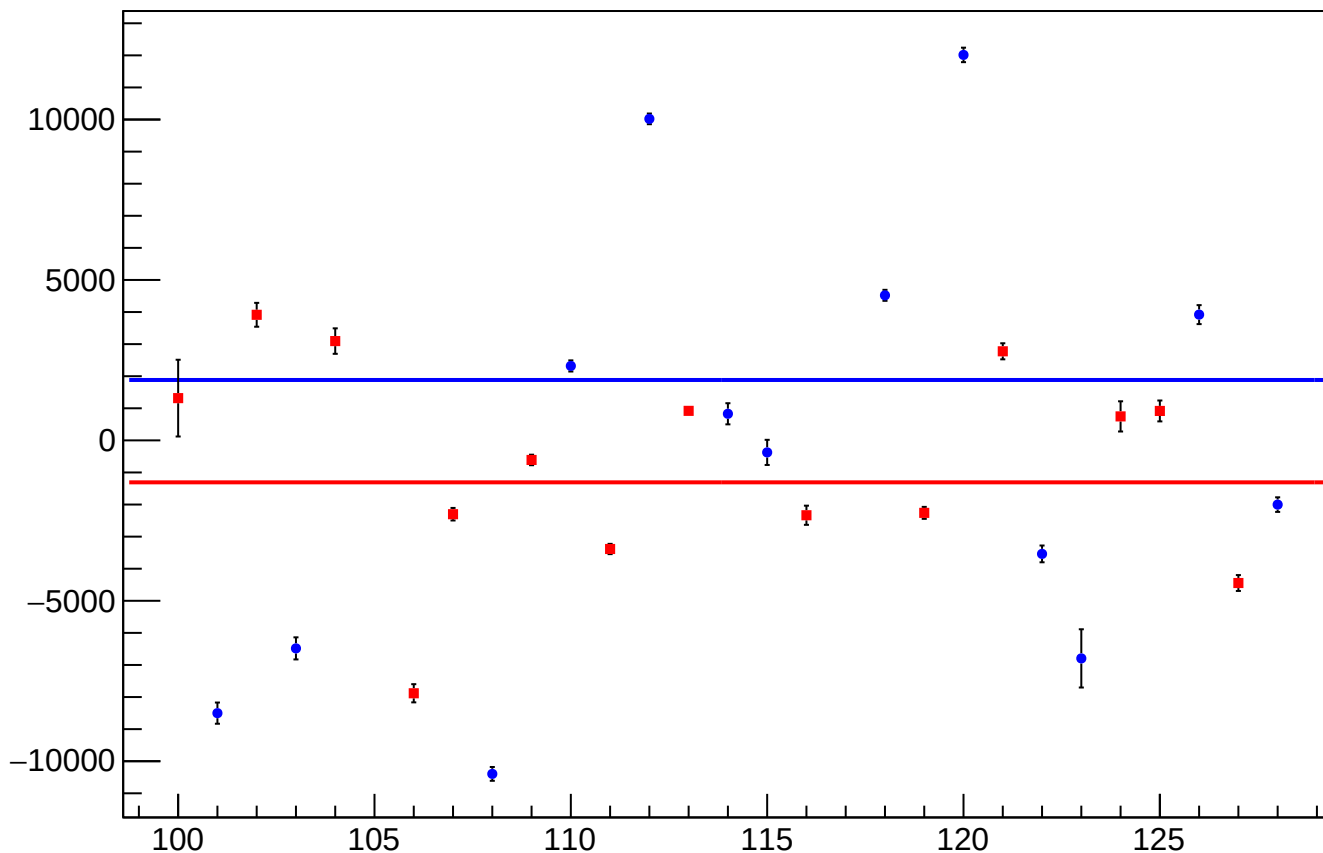
Right: 95.646+/-0.023 χ^2/NDF : 1668997.6/26

In: 96.333+/-0.034 χ^2/NDF : 814150.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.646+/-0.023 χ^2/NDF : 1668997.6/26

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 1882.349+/-66.745 χ^2/NDF : 10384.4/12

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

Right Out: -1308.036+/-62.529 χ^2/NDF : 1806.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

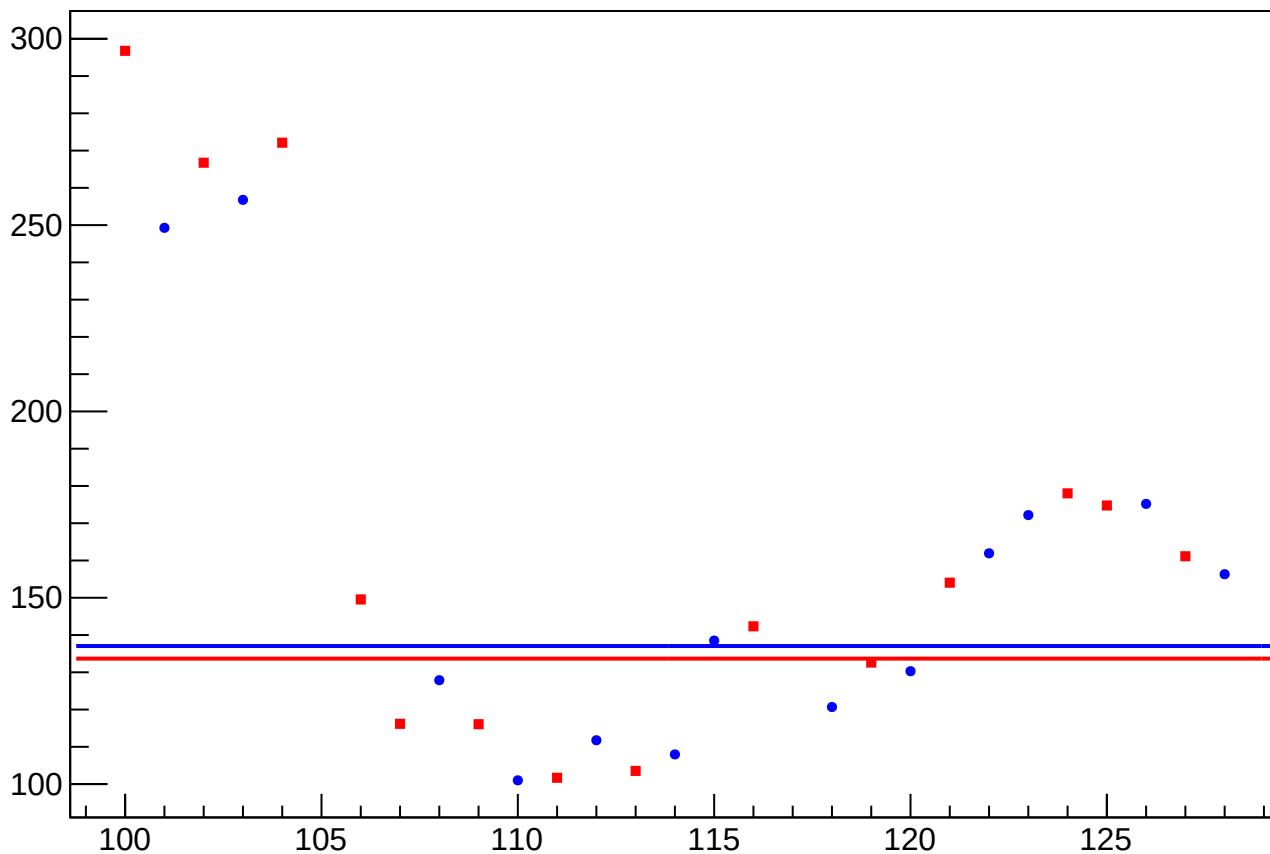
Right: 183.222+/-45.633 χ^2/NDF : 13408.0/26

In: 1882.349+/-66.745 χ^2/NDF : 10384.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.222+/-45.633 χ^2/NDF : 13408.0/26

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 137.049+/-0.047 χ^2/NDF : 713123.2/12

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

Right Out: 133.671+/-0.044 χ^2/NDF : 824134.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

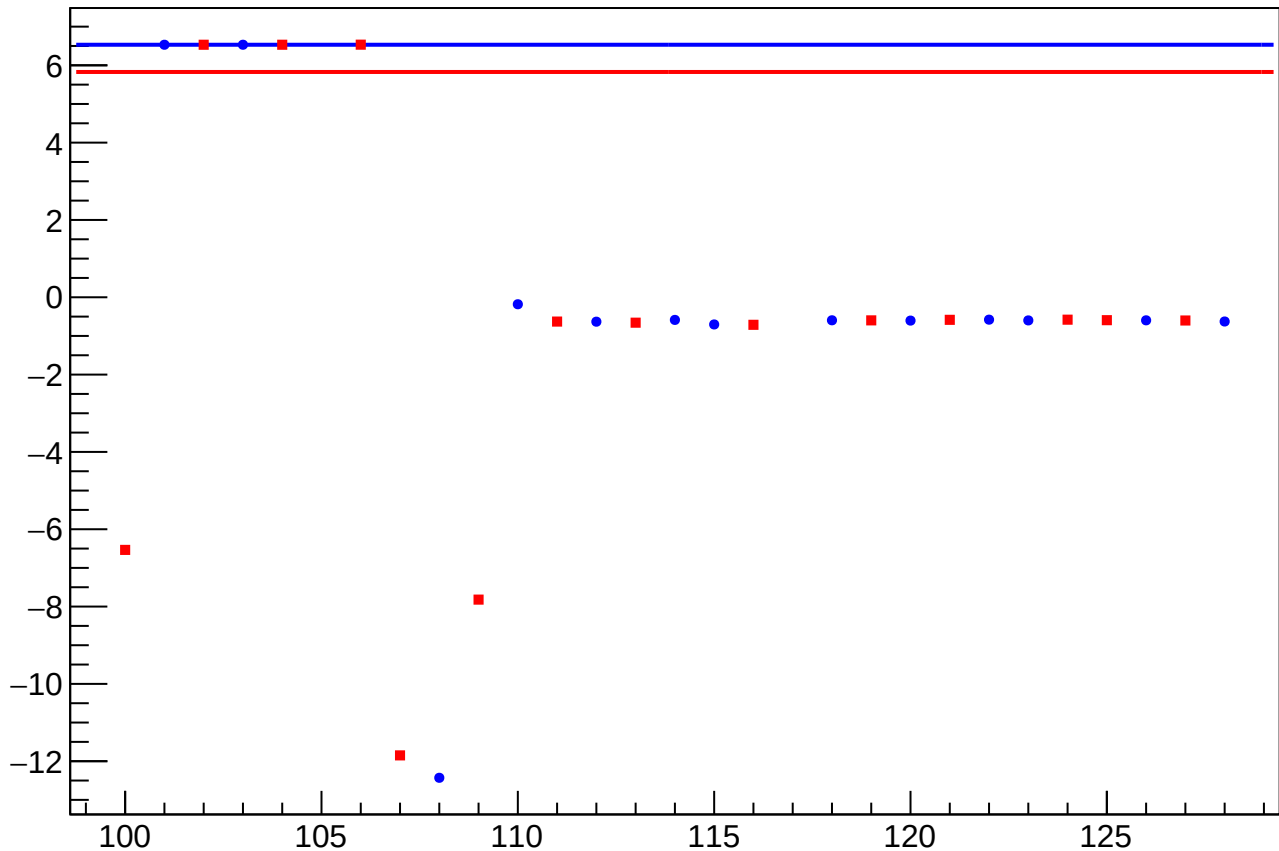
Right: 135.250+/-0.032 χ^2/NDF : 1539986.8/26

In: 137.049+/-0.047 χ^2/NDF : 713123.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

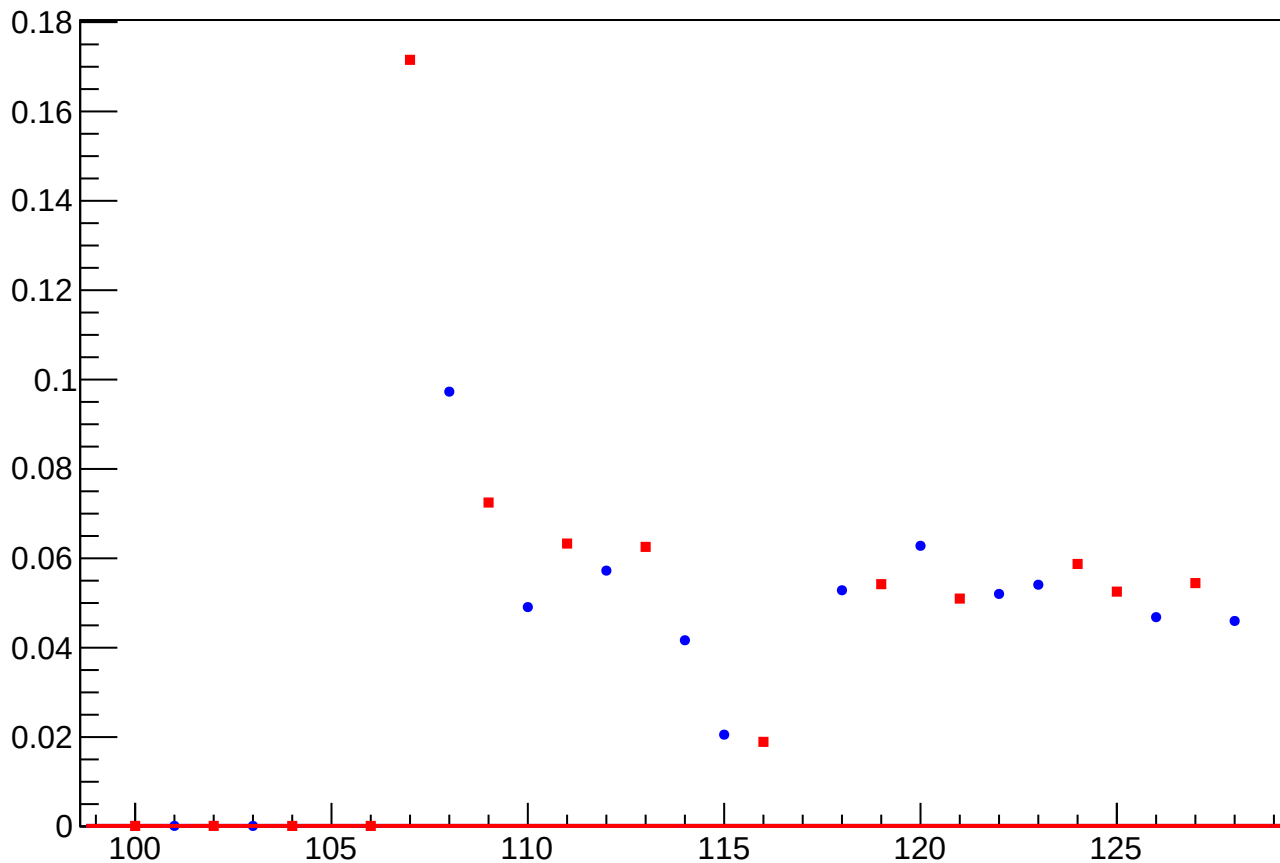
All: 135.250+/-0.032 χ^2/NDF : 1539986.8/26

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 6.532+/-0.000 χ^2/NDF : 73838500530.4/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 5.828+/-0.000 χ^2/NDF : 755907937797167.8/13
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 6.155+/-0.000 χ^2/NDF : 775986339751497.8/14

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6100579.2/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 6381796.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

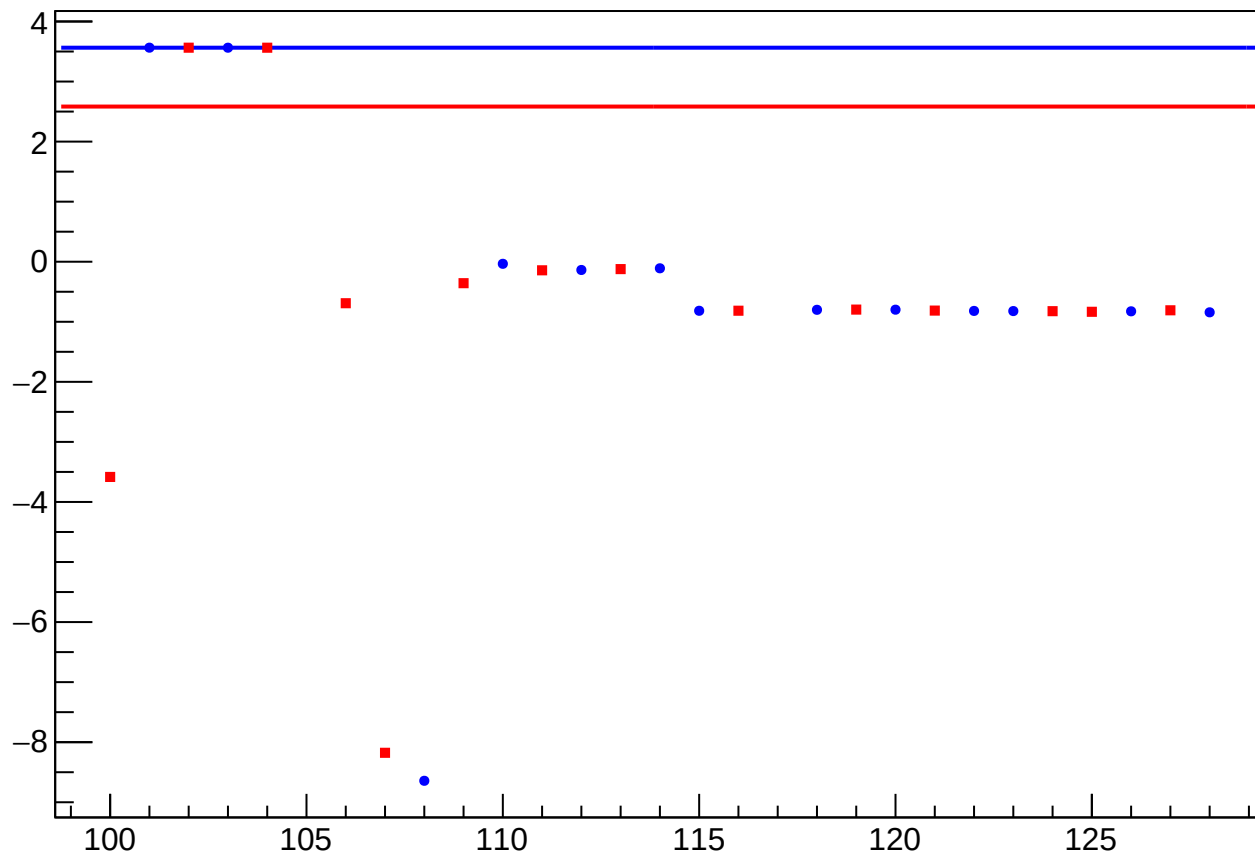
Right: 0.000+/-0.000 χ^2/NDF : 12482600.7/26

In: 0.000+/-0.000 χ^2/NDF : 6100579.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12482600.7/26

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 3.564+/-0.000 χ^2/NDF : 164475250794.8/12

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

Right Out: 2.584+/-0.000 χ^2/NDF : 1253315539110148.8/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

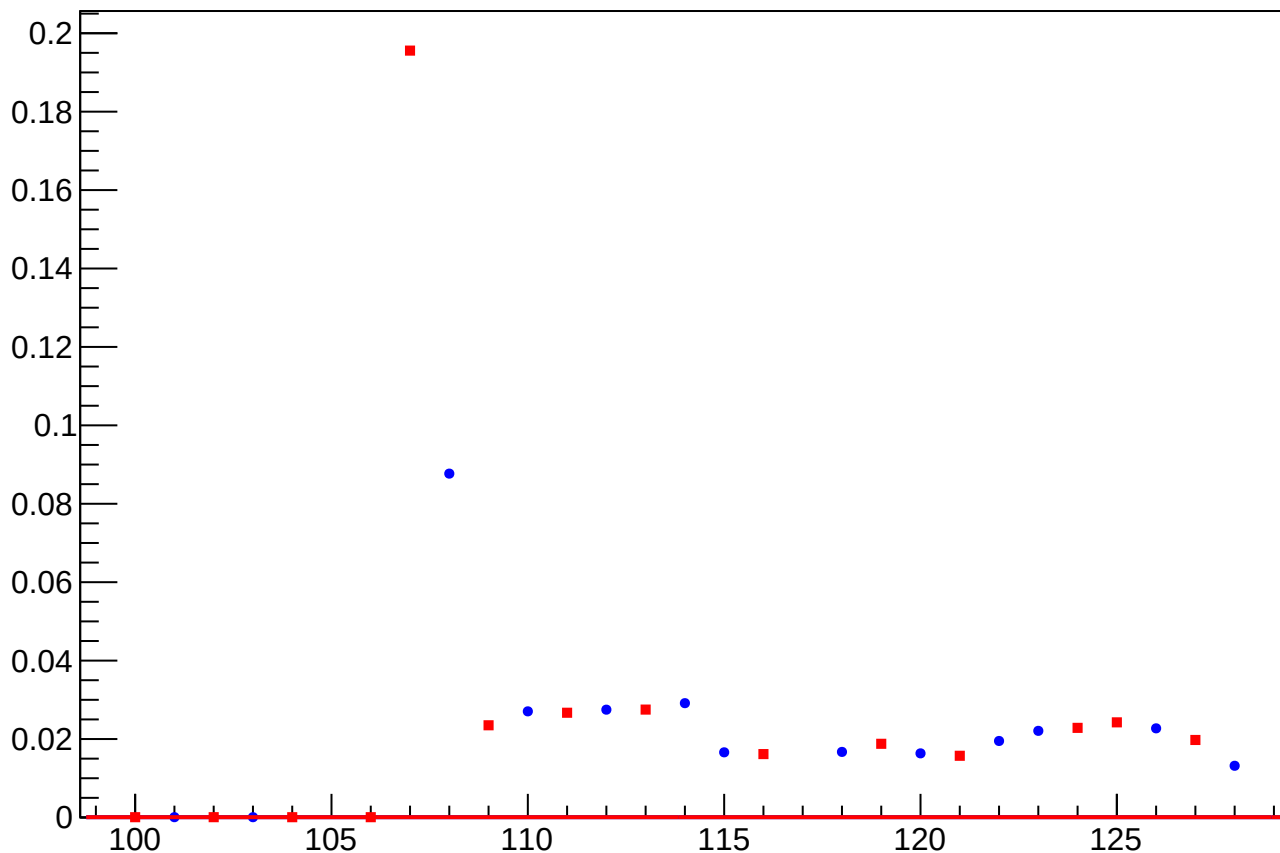
Right: 3.041+/-0.000 χ^2/NDF : 1381769034443640.0

In: 3.564+/-0.000 χ^2/NDF :164475250794.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3.041+/-0.000 χ^2/NDF : 1381769034443640.0

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6424157.0/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 6485392.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

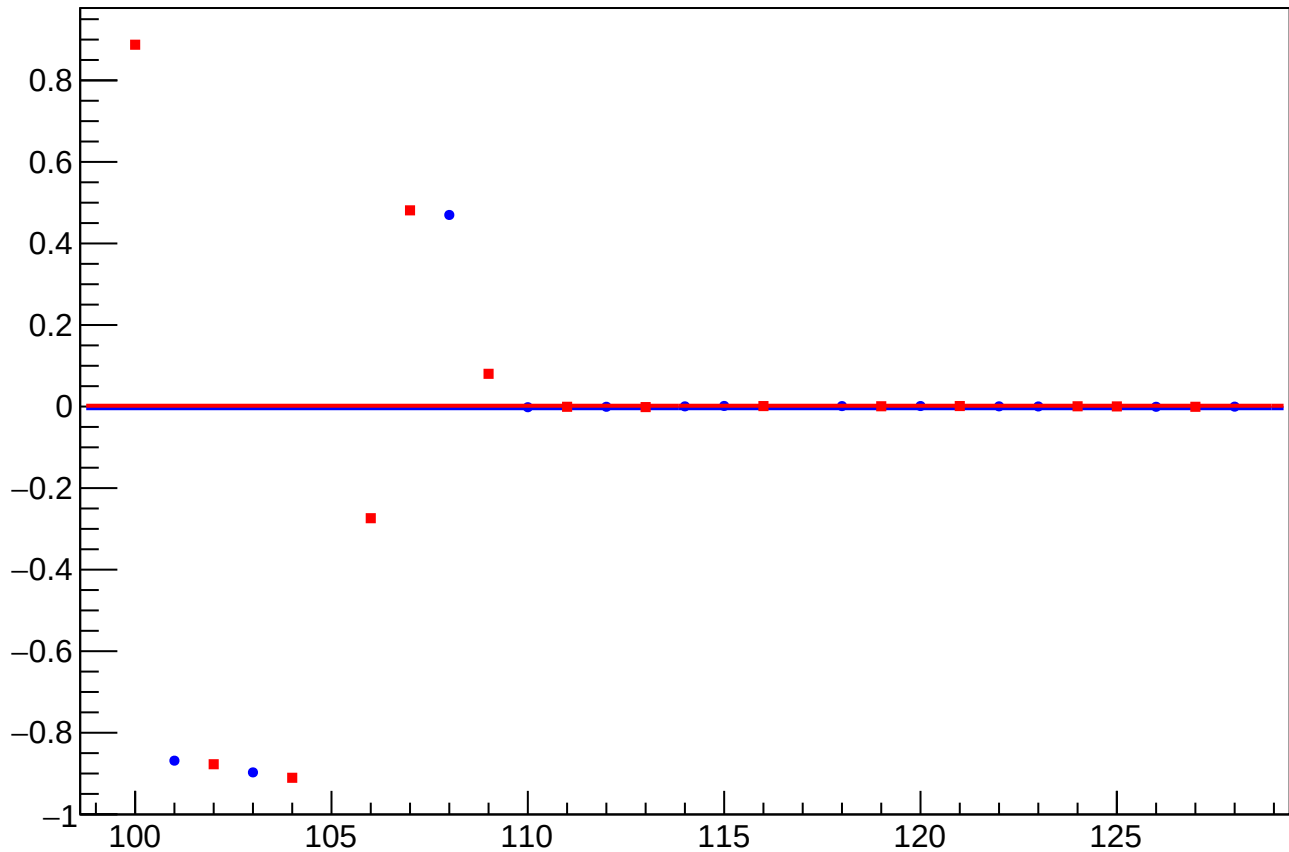
Right: 0.000+/-0.000 χ^2/NDF : 12909779.6/26

In: 0.000+/-0.000 χ^2/NDF :6424157.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12909779.6/26

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.004+/-0.000 χ^2/NDF : 9786026189.0/12

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3039651965.6/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

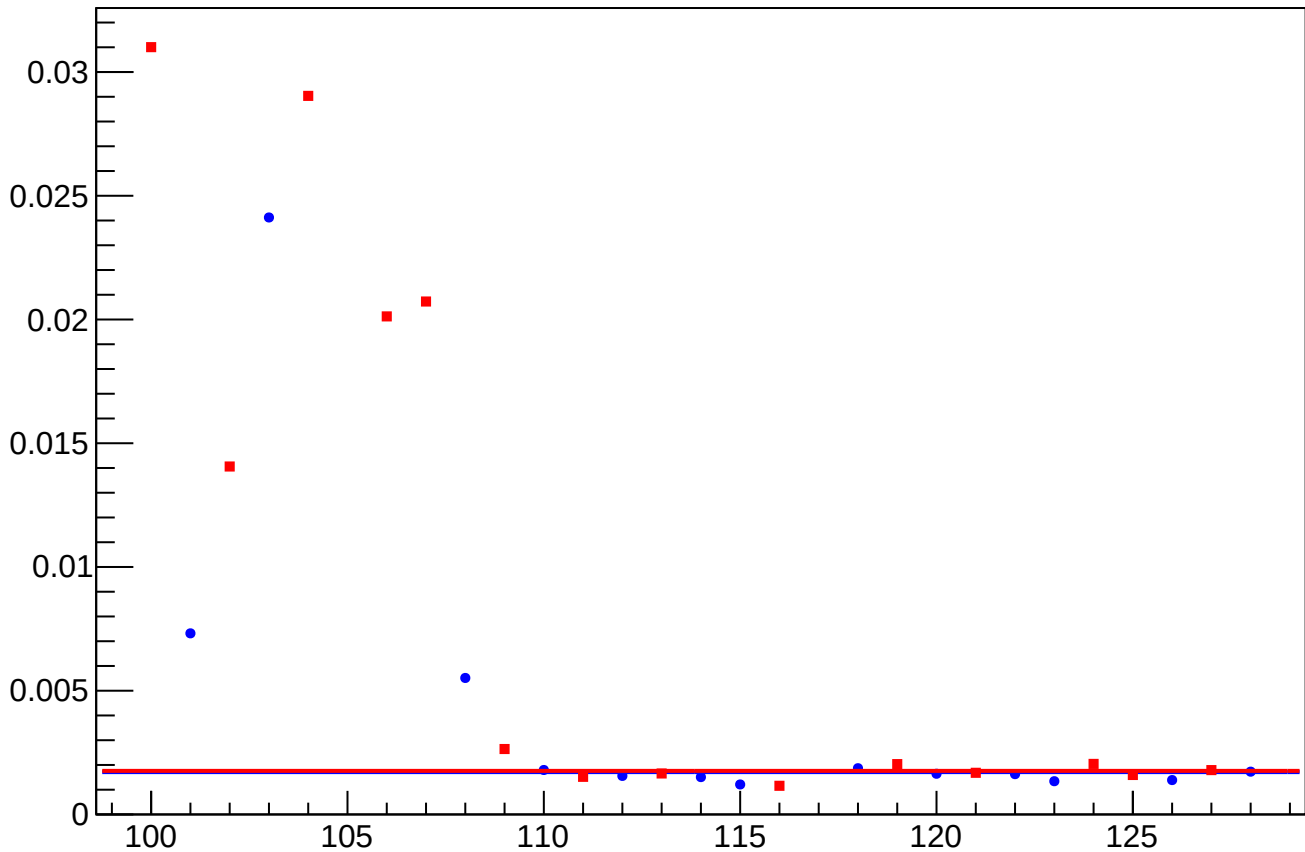
Right: -0.001+/-0.000 χ^2/NDF : 12844589843.8/26

In: -0.004+/-0.000 χ^2/NDF :9786026189.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.001+/-0.000 χ^2/NDF : 12844589843.8/26

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1756435.8/12

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

Right Out: 0.002+/-0.000 χ^2/NDF : 2853554.6/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

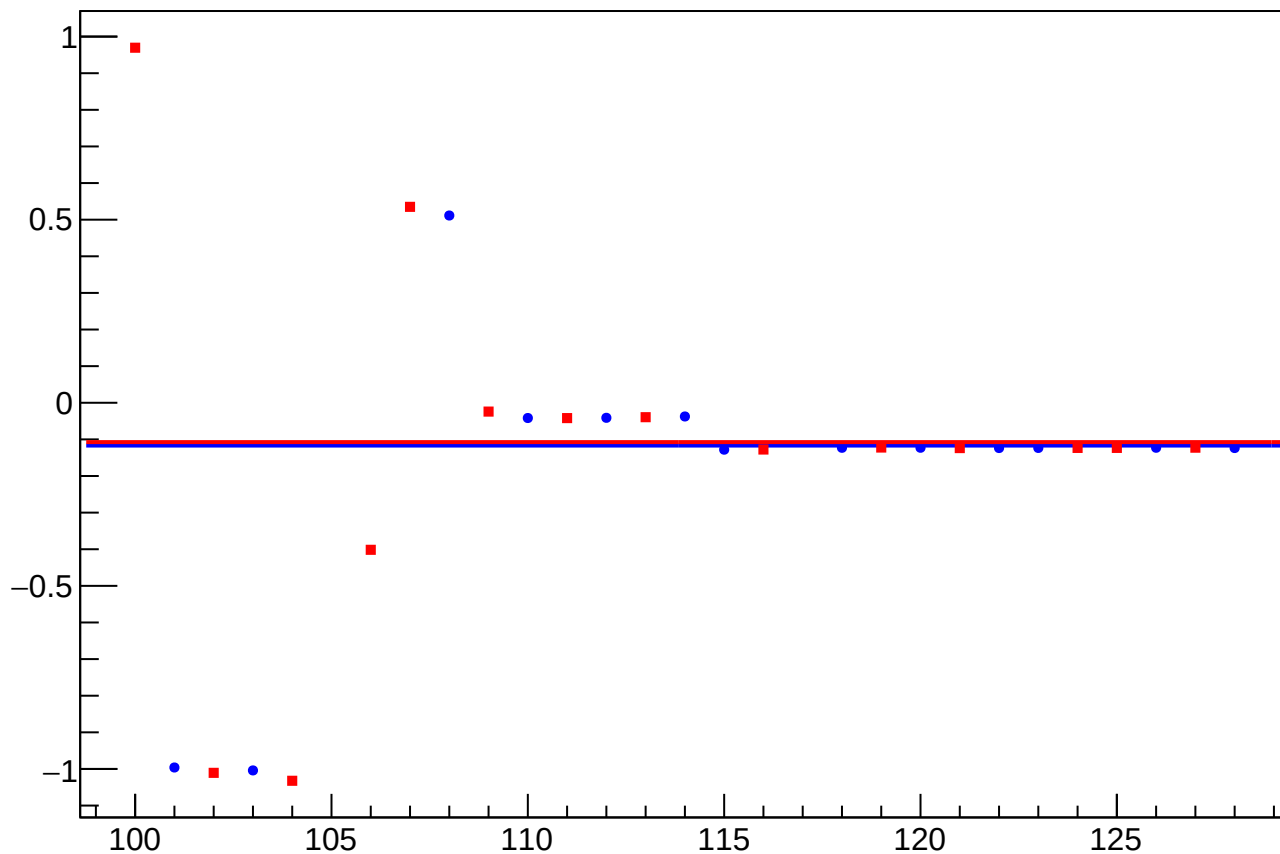
Right: 0.002+/-0.000 χ^2/NDF : 4612517.3/26

In: 0.002+/-0.000 χ^2/NDF :1756435.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4612517.3/26

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.117+/-0.000 χ^2/NDF : 3907348145.2/12

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

Right Out: -0.107+/-0.000 χ^2/NDF : 2327648526.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

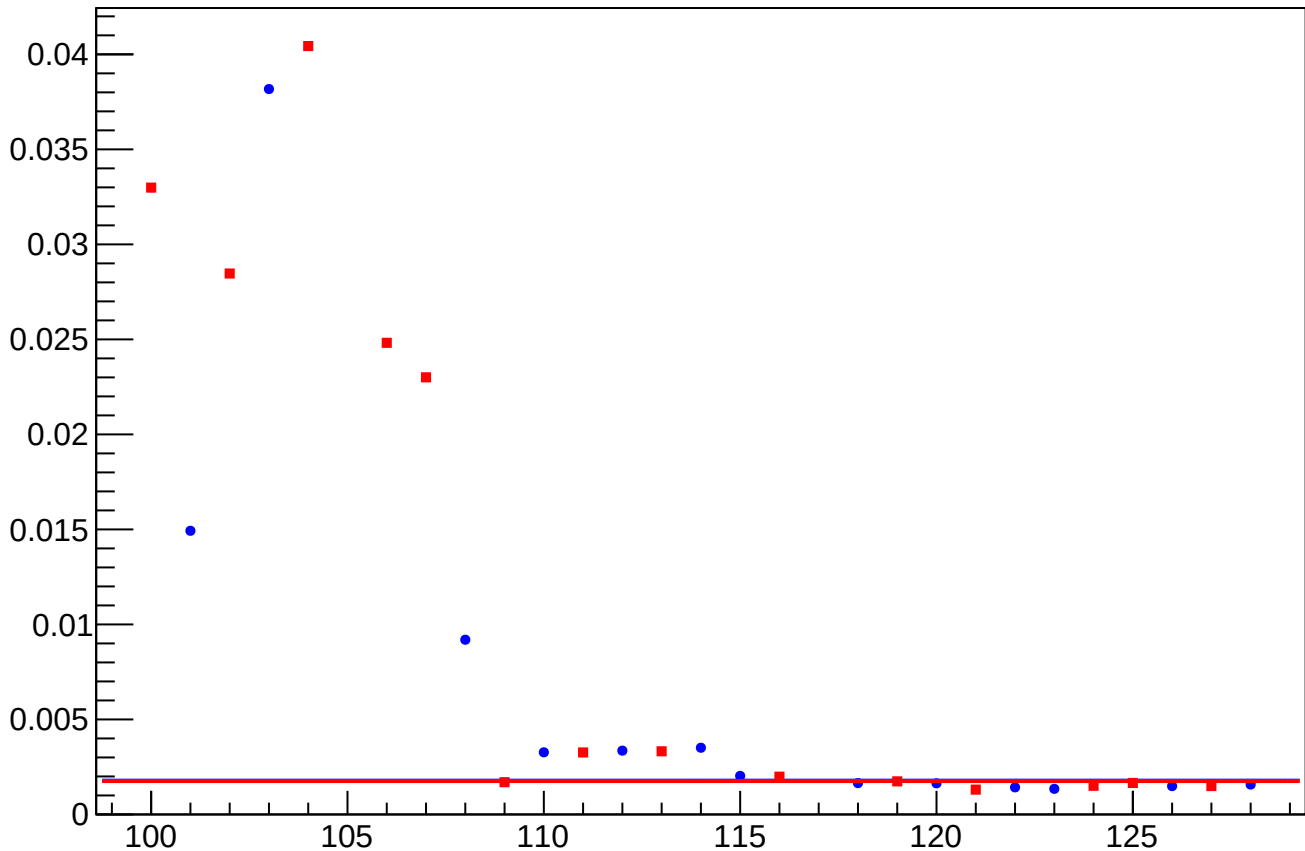
Right: -0.112+/-0.000 χ^2/NDF : 6278181172.8/26

In: -0.117+/-0.000 χ^2/NDF : 3907348145.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.112+/-0.000 χ^2/NDF : 6278181172.8/26

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2659819.6/12

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3297886.5/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

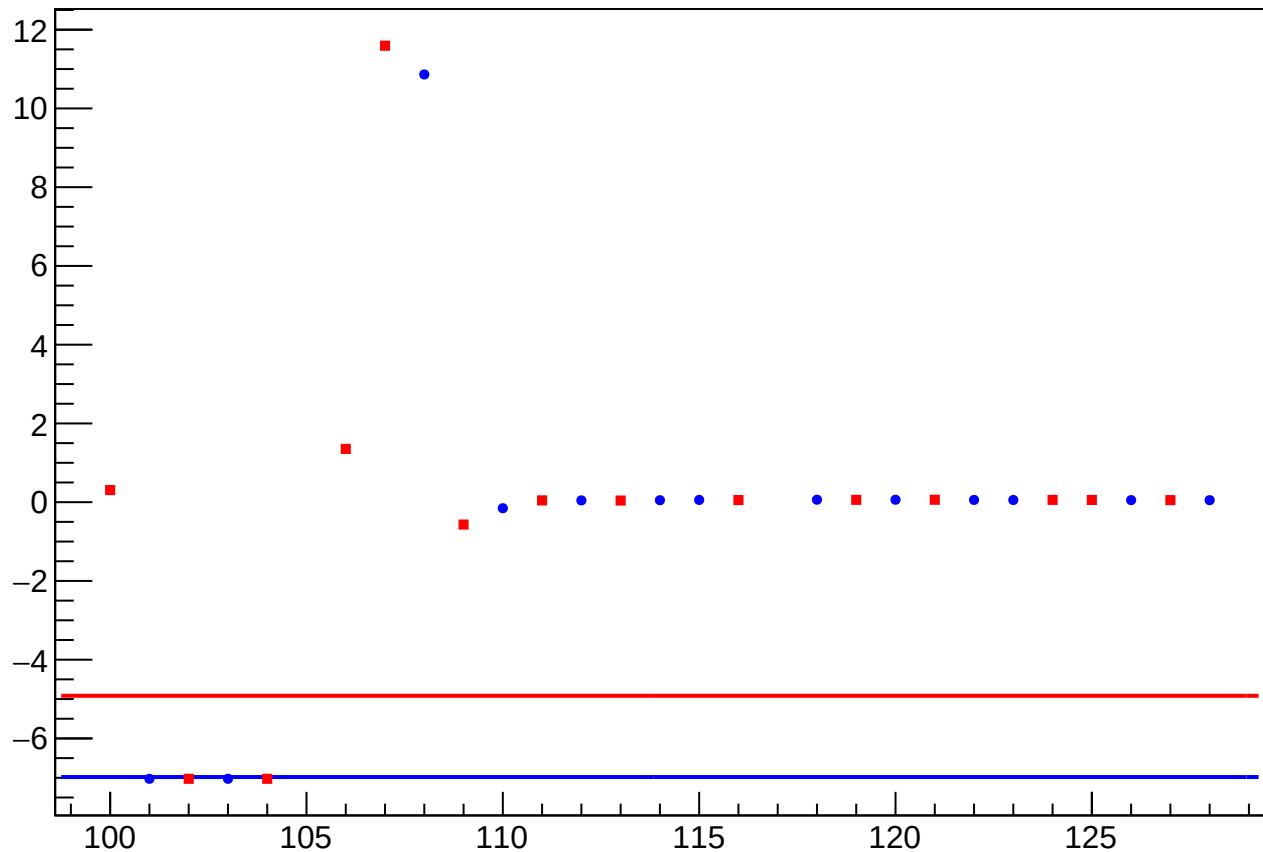
Right: 0.002+/-0.000 χ^2/NDF : 5958073.4/26

In: 0.002+/-0.000 χ^2/NDF :2659819.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

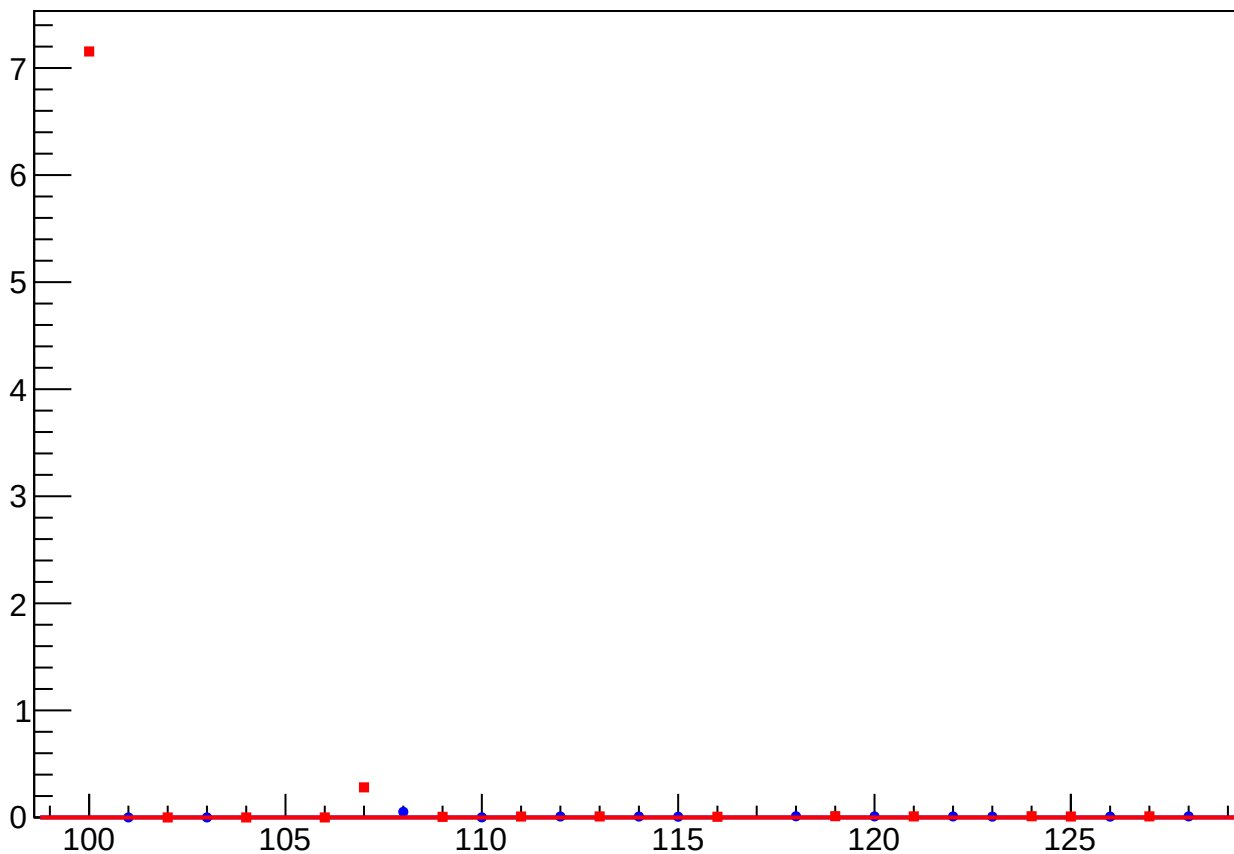
All: 0.002+/-0.000 χ^2/NDF : 5958073.4/26

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -6.980+/-0.000	χ^2/NDF : 7820658965155.1/12	Left: 0.000+/-0.000	χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000	χ^2/NDF : 0.0/0	Right: -5.904+/-0.000	χ^2/NDF : 429016545931409.2
Right Out: -4.917+/-0.000	χ^2/NDF : 364923608223409.3/13	In: -6.980+/-0.000	χ^2/NDF : 7820658965155.1/12
Left In: 0.000+/-0.000	χ^2/NDF : 0.0/0	Out: 0.000+/-0.000	χ^2/NDF : 0.0/0
		All: -5.904+/-0.000	χ^2/NDF : 4290165459314

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5373428.6/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 5812787.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

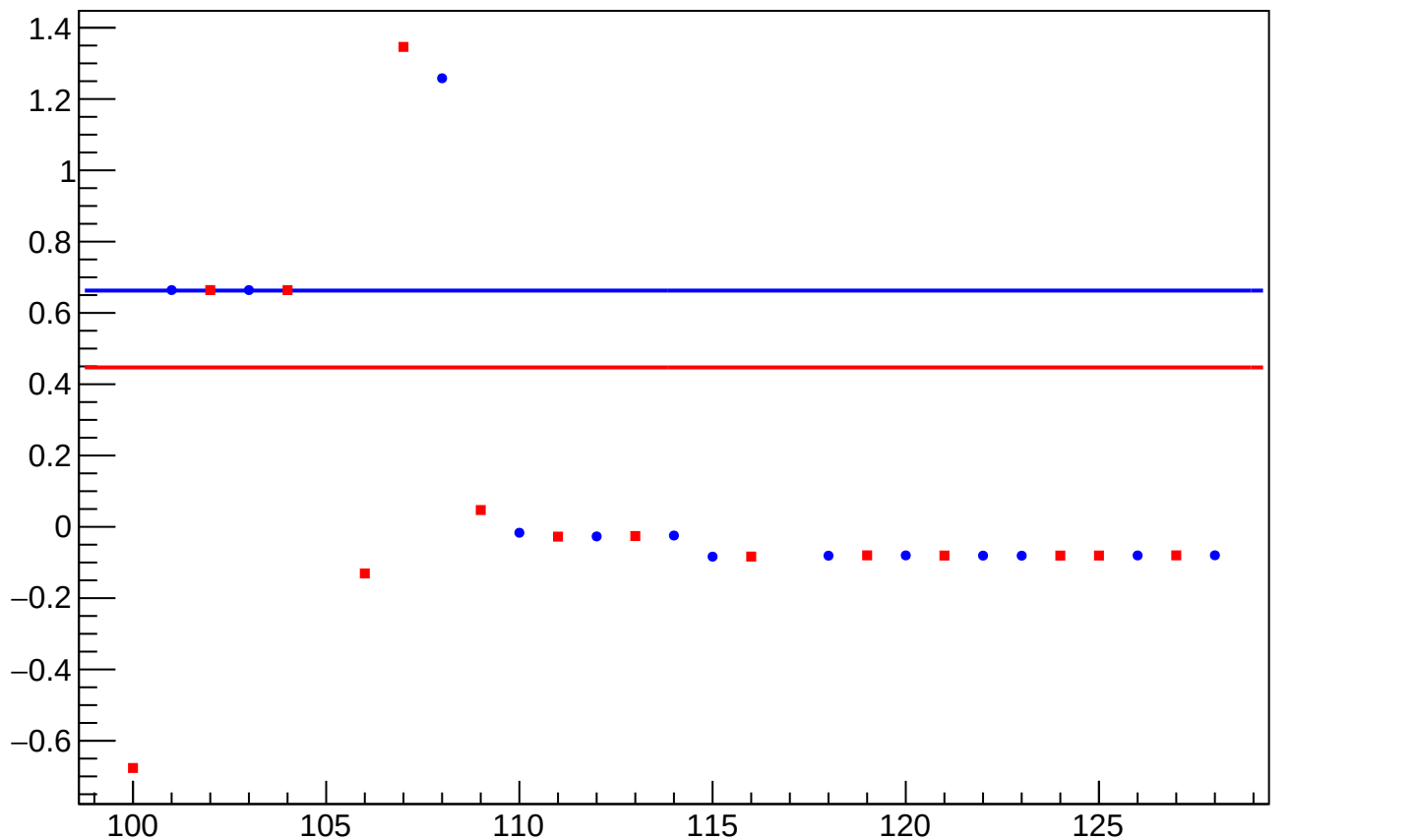
Right: 0.000+/-0.000 χ^2/NDF : 11186402.7/26

In: 0.000+/-0.000 χ^2/NDF : 5373428.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11186402.7/26

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.663+/-0.000

χ^2/NDF : 2660649674724.2/12

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.550+/-0.000

χ^2/NDF : 469888164289853.4

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.663+/-0.000

χ^2/NDF : 2660649674724.2/12

Right Out: 0.447+/-0.000

χ^2/NDF : 404059834397359.2/13

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

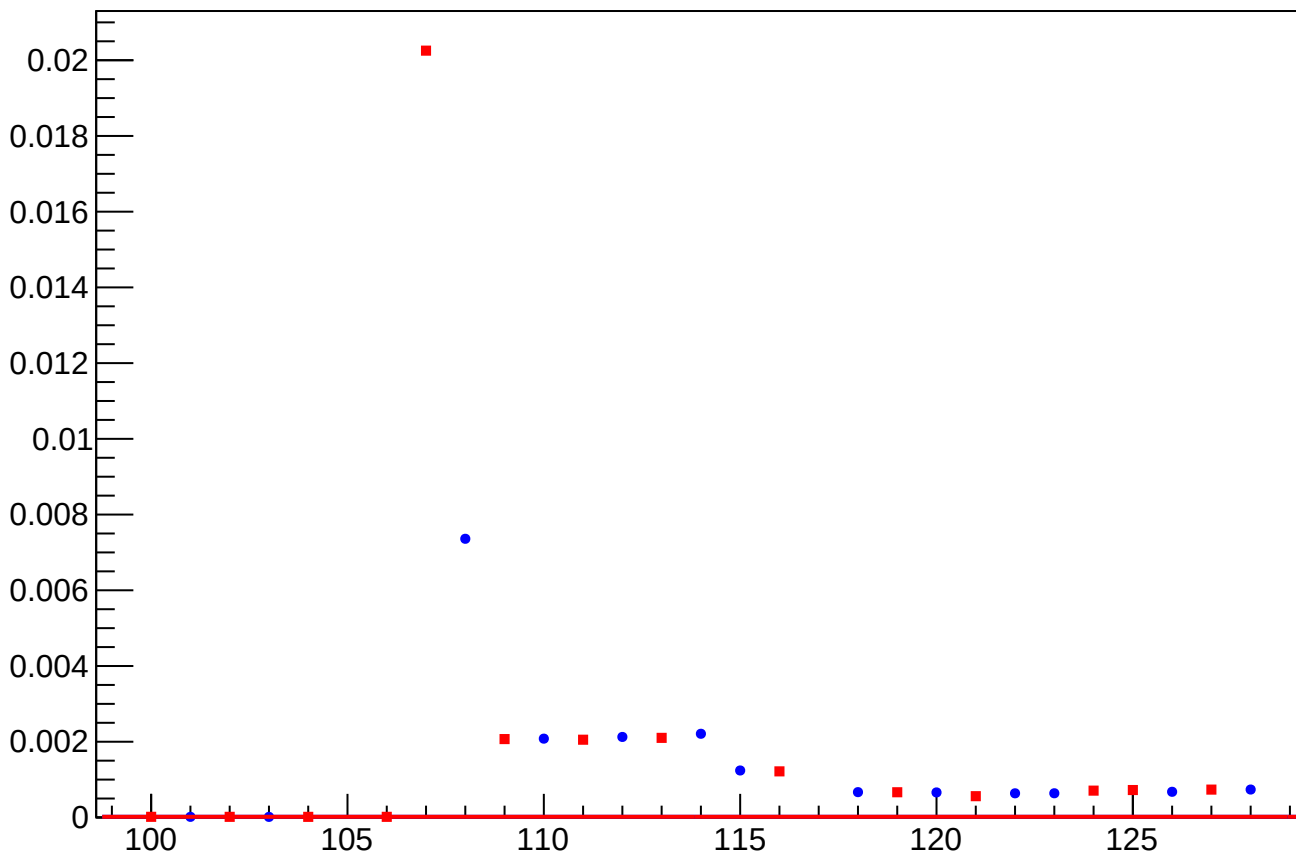
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.550+/-0.000

χ^2/NDF : 469888164289853.4

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6557916.0/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 6137379.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

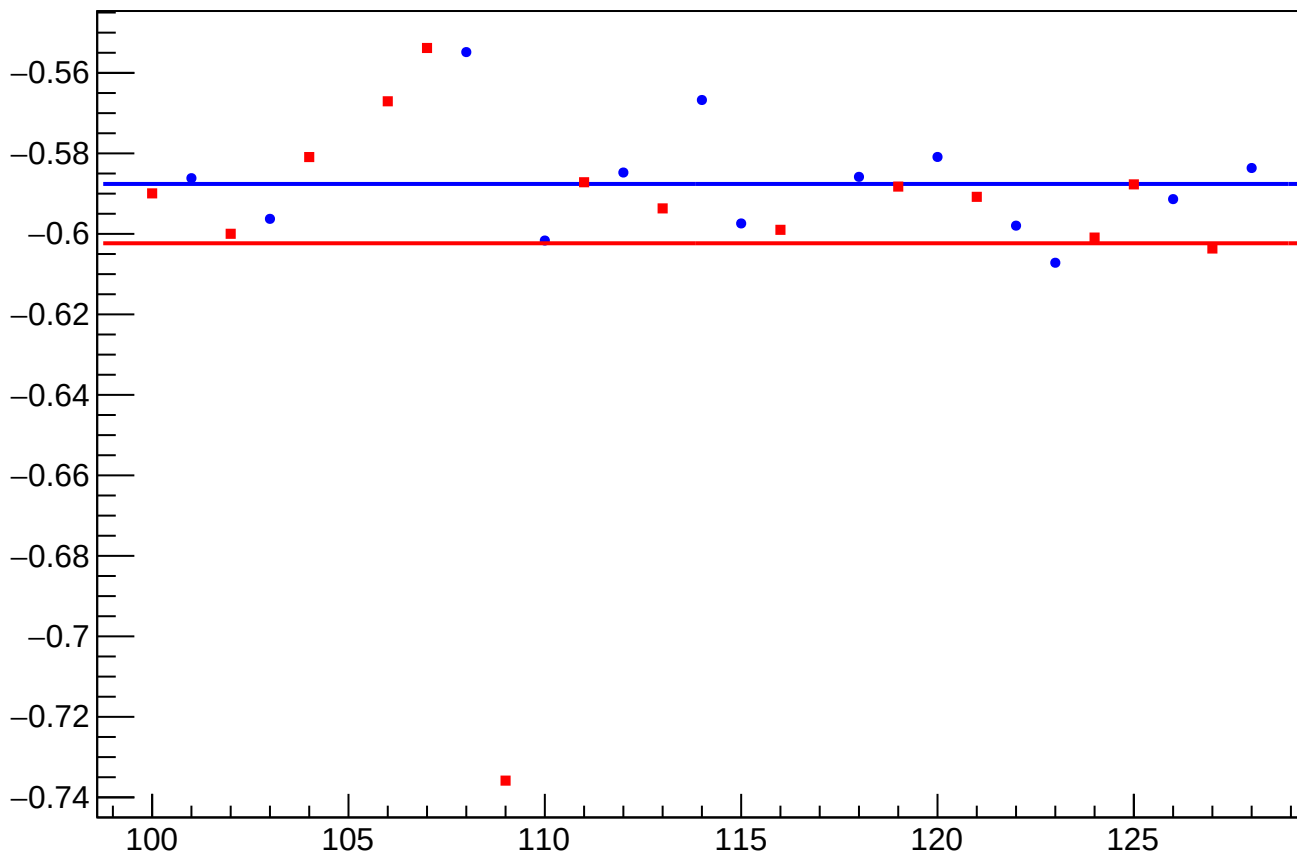
Right: 0.000+/-0.000 χ^2/NDF : 12695309.5/26

In: 0.000+/-0.000 χ^2/NDF : 6557916.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12695309.5/26

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.588+/-0.000 χ^2/NDF : 661279.6/12

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

Right Out: -0.602+/-0.000 χ^2/NDF : 10274791.1/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

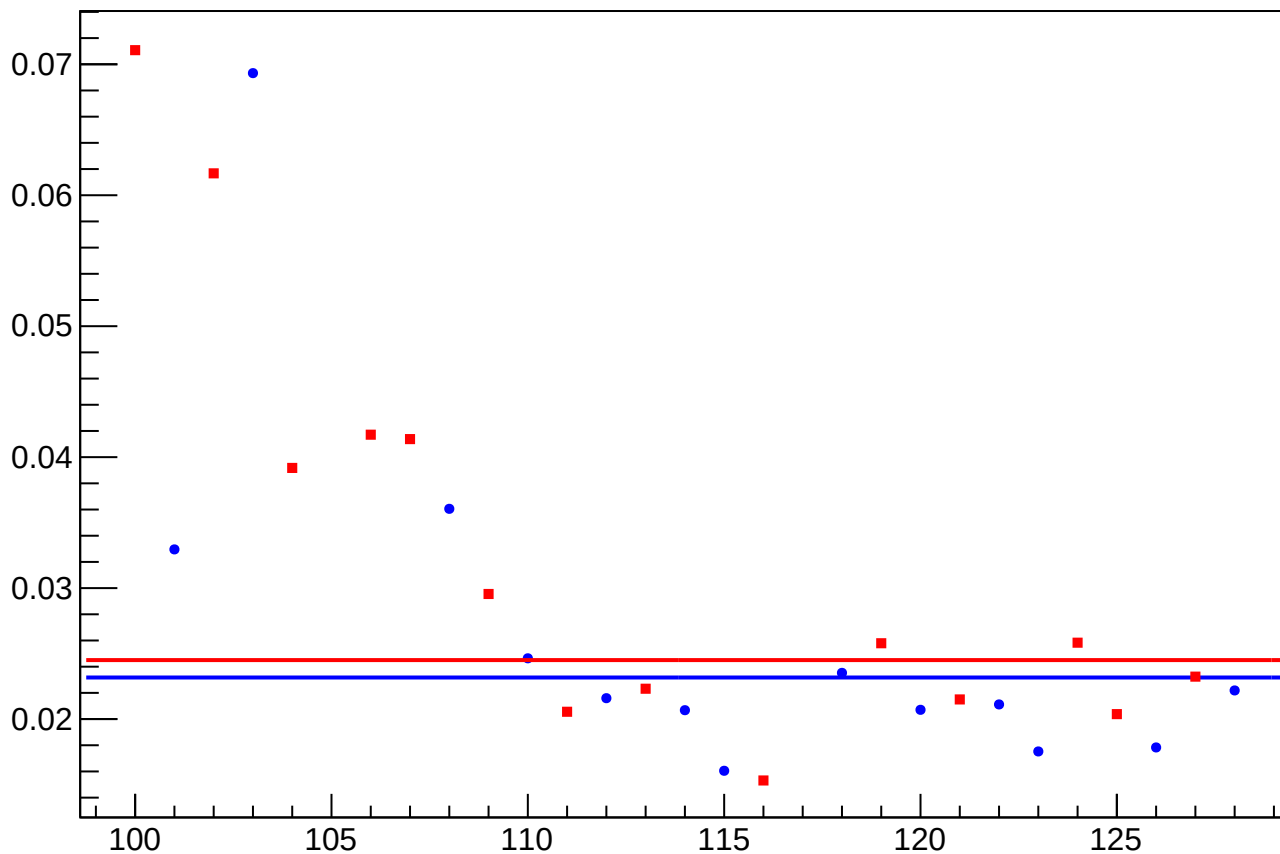
Right: -0.595+/-0.000 χ^2/NDF : 11655564.7/26

In: -0.588+/-0.000 χ^2/NDF :661279.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.595+/-0.000 χ^2/NDF : 11655564.7/26

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 783249.4/12

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

Right Out: 0.025+/-0.000 χ^2/NDF : 931801.1/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

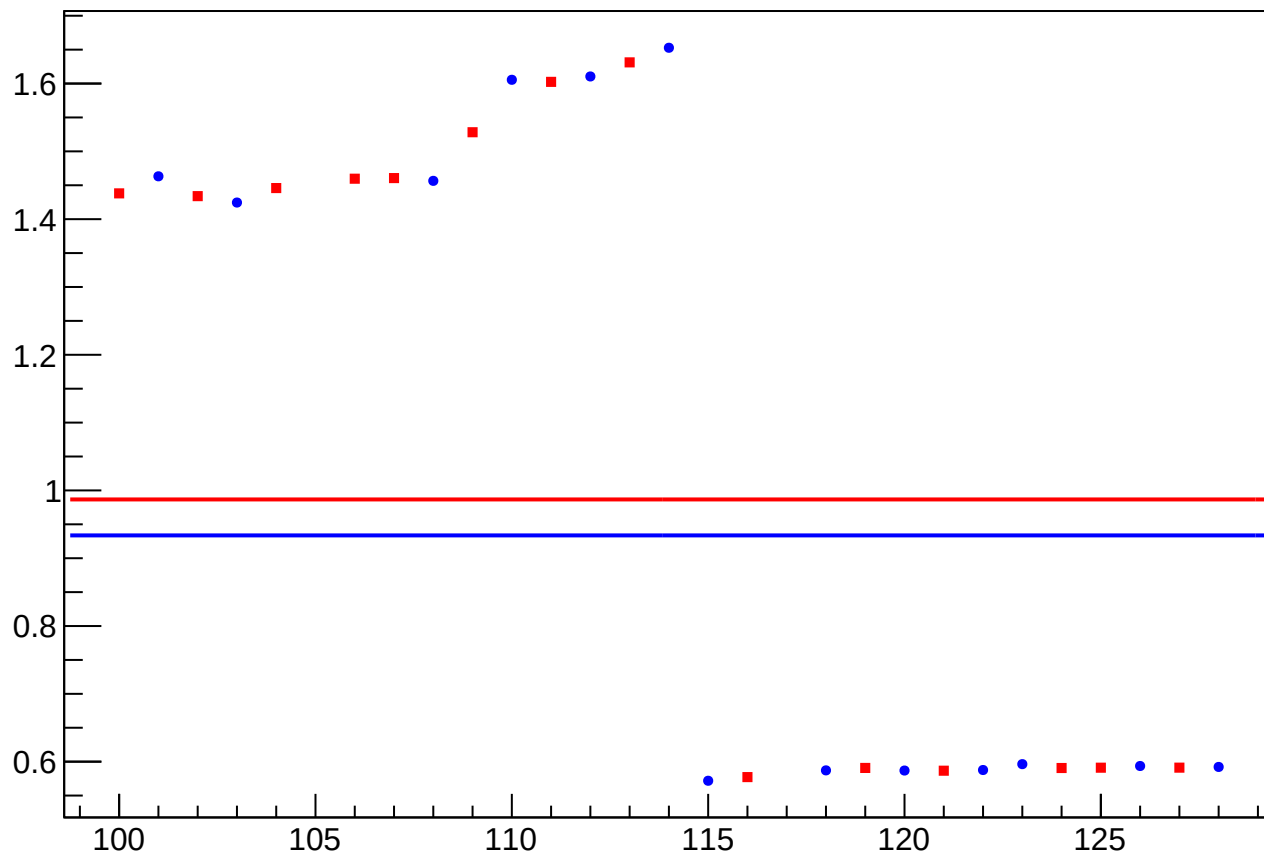
Right: 0.024+/-0.000 χ^2/NDF : 1726755.3/26

In: 0.023+/-0.000 χ^2/NDF :783249.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1726755.3/26

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.934+/-0.000 χ^2/NDF : 2853506844.6/12

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

Right Out: 0.987+/-0.000 χ^2/NDF : 3210005352.5/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

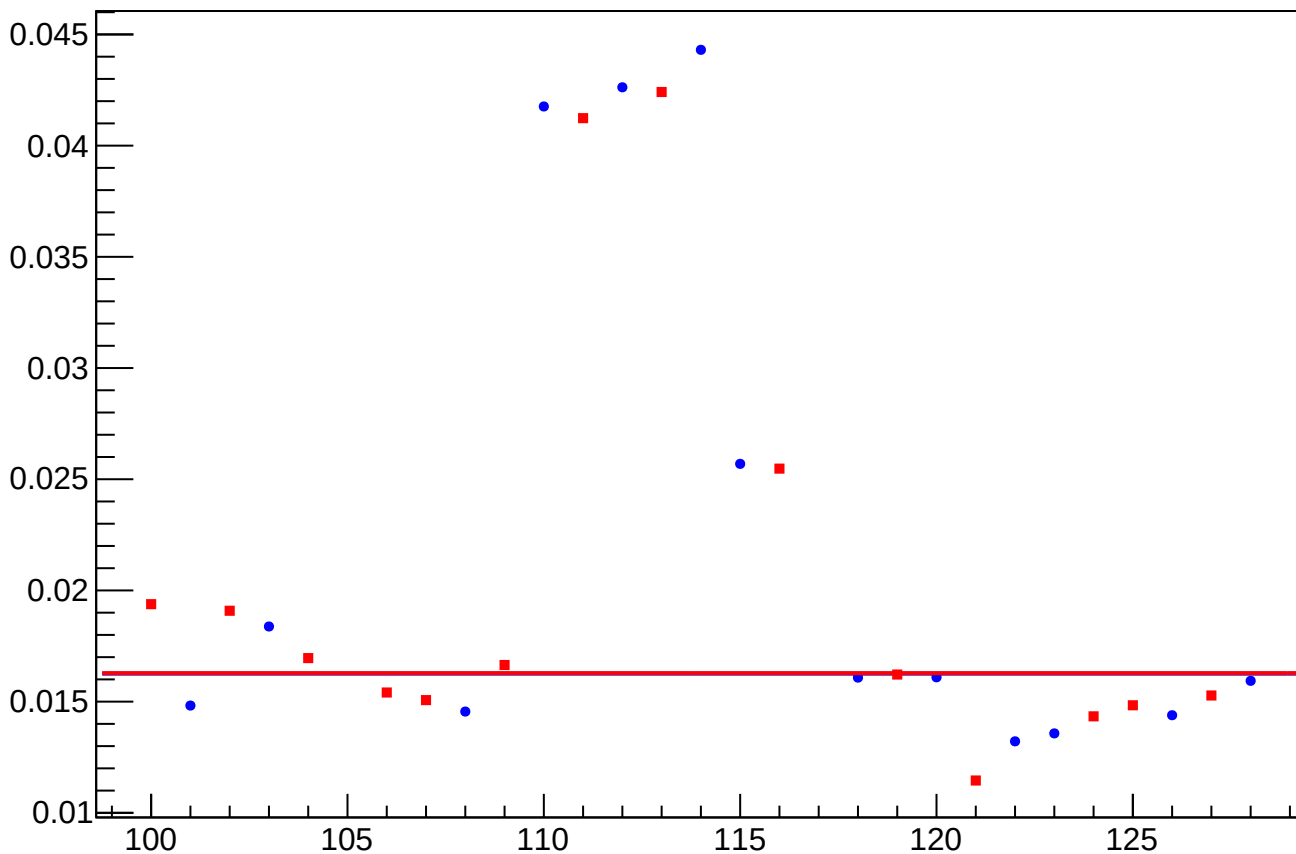
Right: 0.961+/-0.000 χ^2/NDF : 6086040767.7/26

In: 0.934+/-0.000 χ^2/NDF :2853506844.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.961+/-0.000 χ^2/NDF : 6086040767.7/26

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 789446.9/12

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

Right Out: 0.016+/-0.000 χ^2/NDF : 867896.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

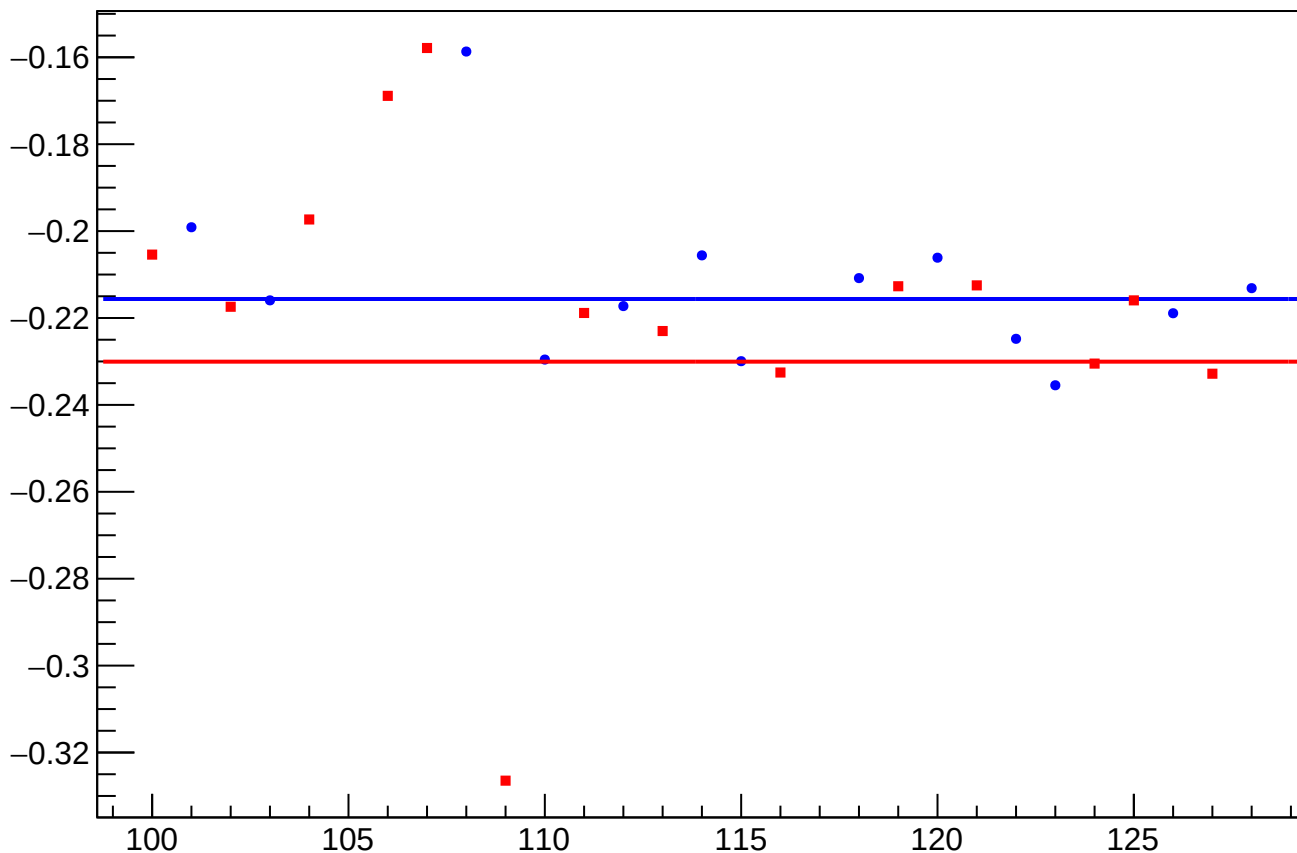
Right: 0.016+/-0.000 χ^2/NDF : 1657350.0/26

In: 0.016+/-0.000 χ^2/NDF : 789446.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 1657350.0/26

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.216+/-0.000 χ^2/NDF : 1452749.8/12

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

Right Out: -0.230+/-0.000 χ^2/NDF : 11312915.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

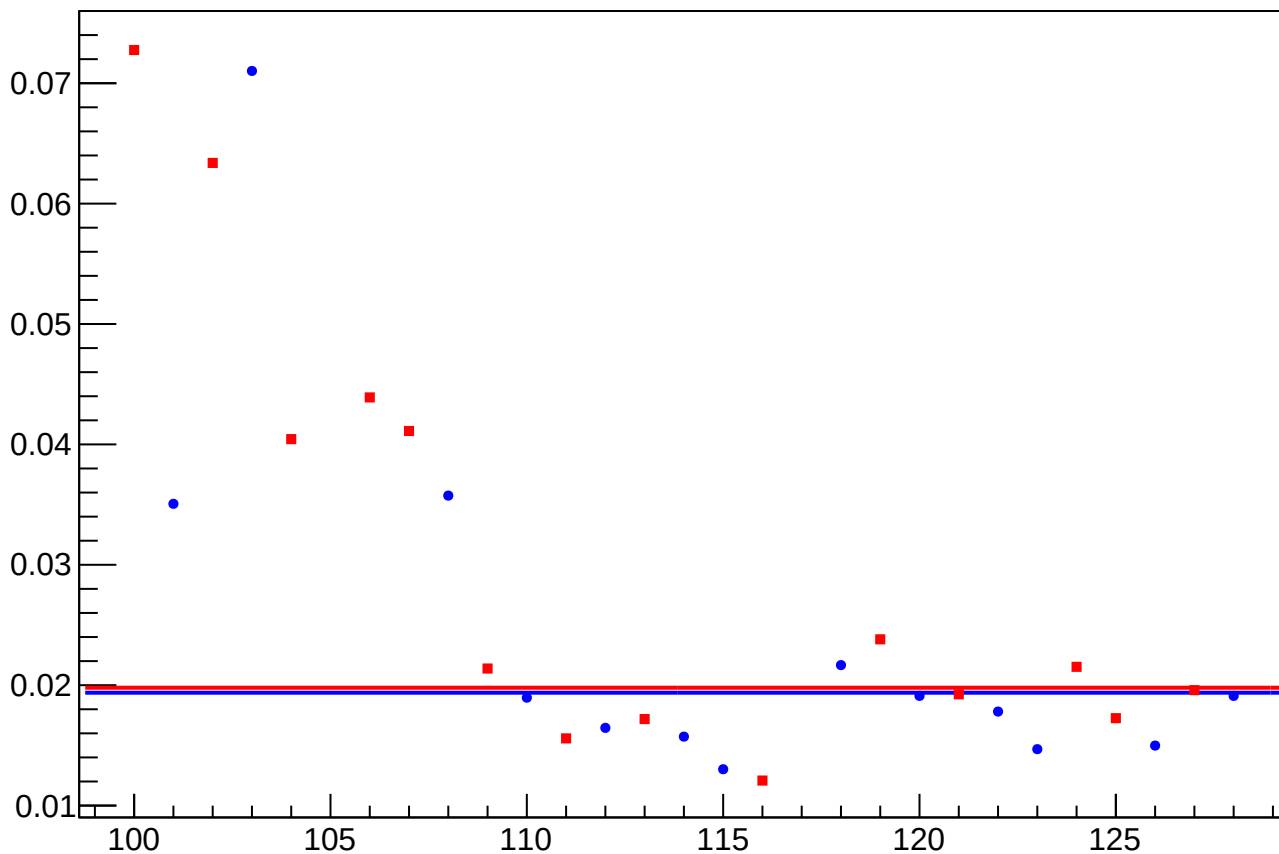
Right: -0.223+/-0.000 χ^2/NDF : 13743796.1/26

In: -0.216+/-0.000 χ^2/NDF :1452749.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.223+/-0.000 χ^2/NDF : 13743796.1/26

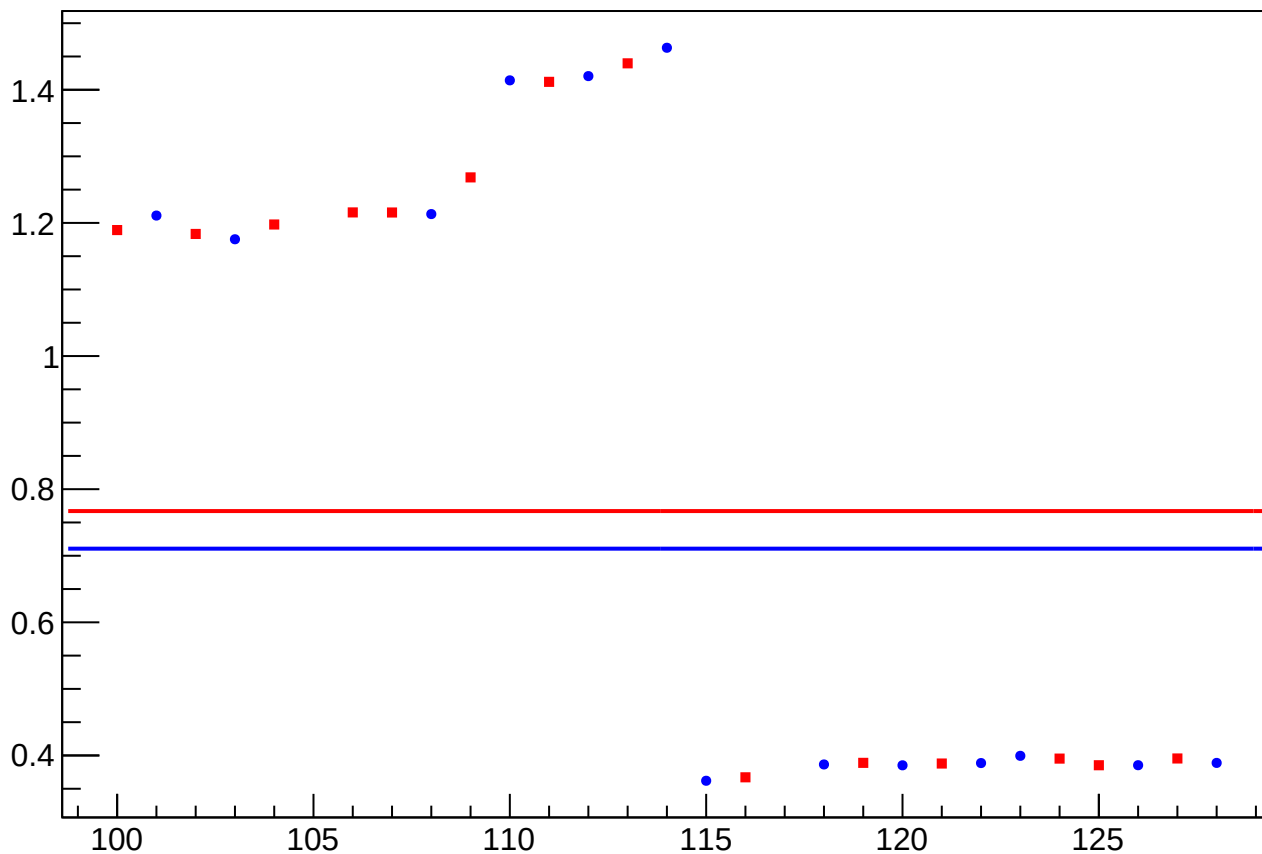
yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 1073980.4/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.020+/-0.000 χ^2/NDF : 1304519.1/13
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.020+/-0.000 χ^2/NDF : 2380099.6/26
 In: 0.019+/-0.000 χ^2/NDF : 1073980.4/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.020+/-0.000 χ^2/NDF : 2380099.6/26

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.711+/-0.000 χ^2/NDF : 3792951261.5/12

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

Right Out: 0.767+/-0.000 χ^2/NDF : 3958768588.2/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

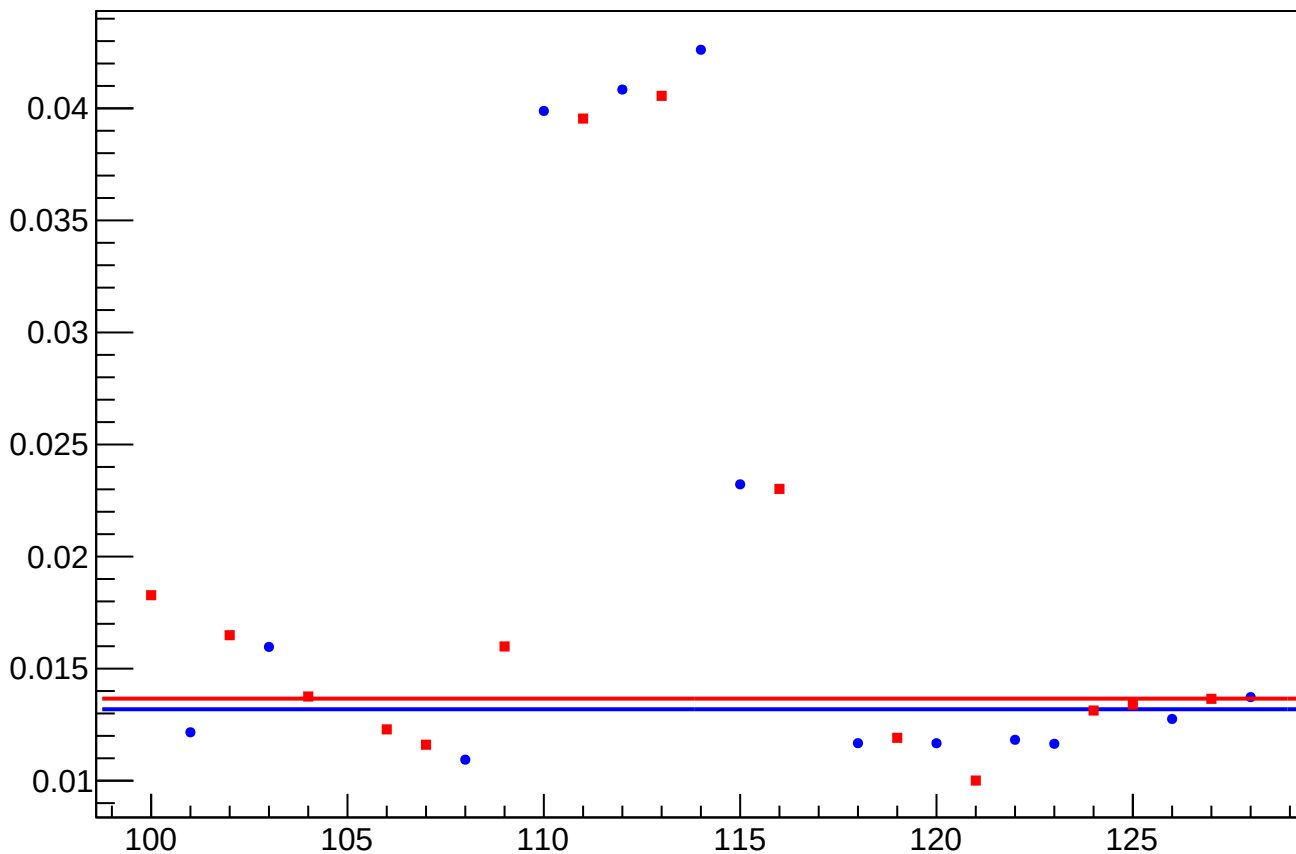
Right: 0.739+/-0.000 χ^2/NDF : 7788269556.5/26

In: 0.711+/-0.000 χ^2/NDF :3792951261.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.739+/-0.000 χ^2/NDF : 7788269556.5/26

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 947113.1/12

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

Right Out: 0.014+/-0.000 χ^2/NDF : 1002620.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

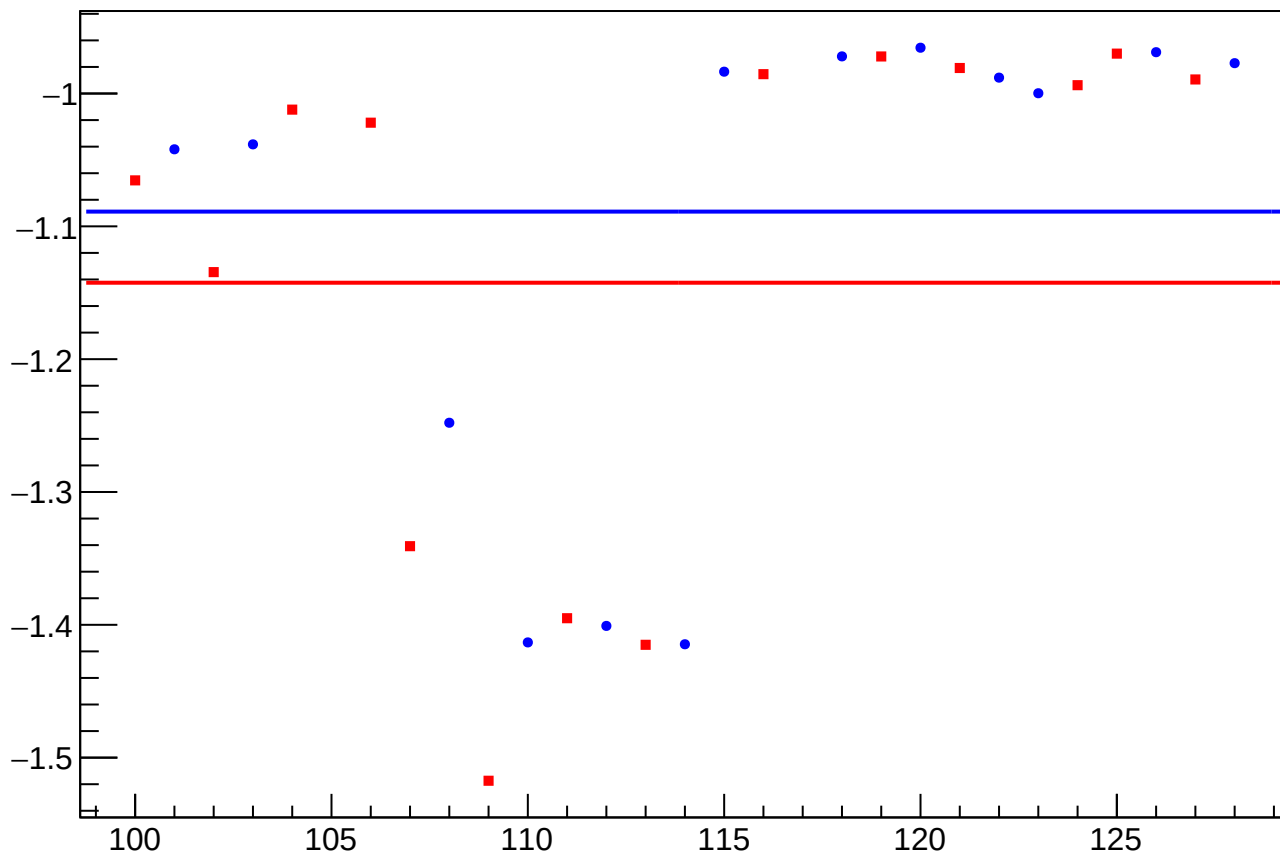
Right: 0.013+/-0.000 χ^2/NDF : 1954876.4/26

In: 0.013+/-0.000 χ^2/NDF : 947113.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 1954876.4/26

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.089+/-0.000 χ^2/NDF : 228147592.7/12

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

Right Out: -1.142+/-0.000 χ^2/NDF : 299843764.6/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

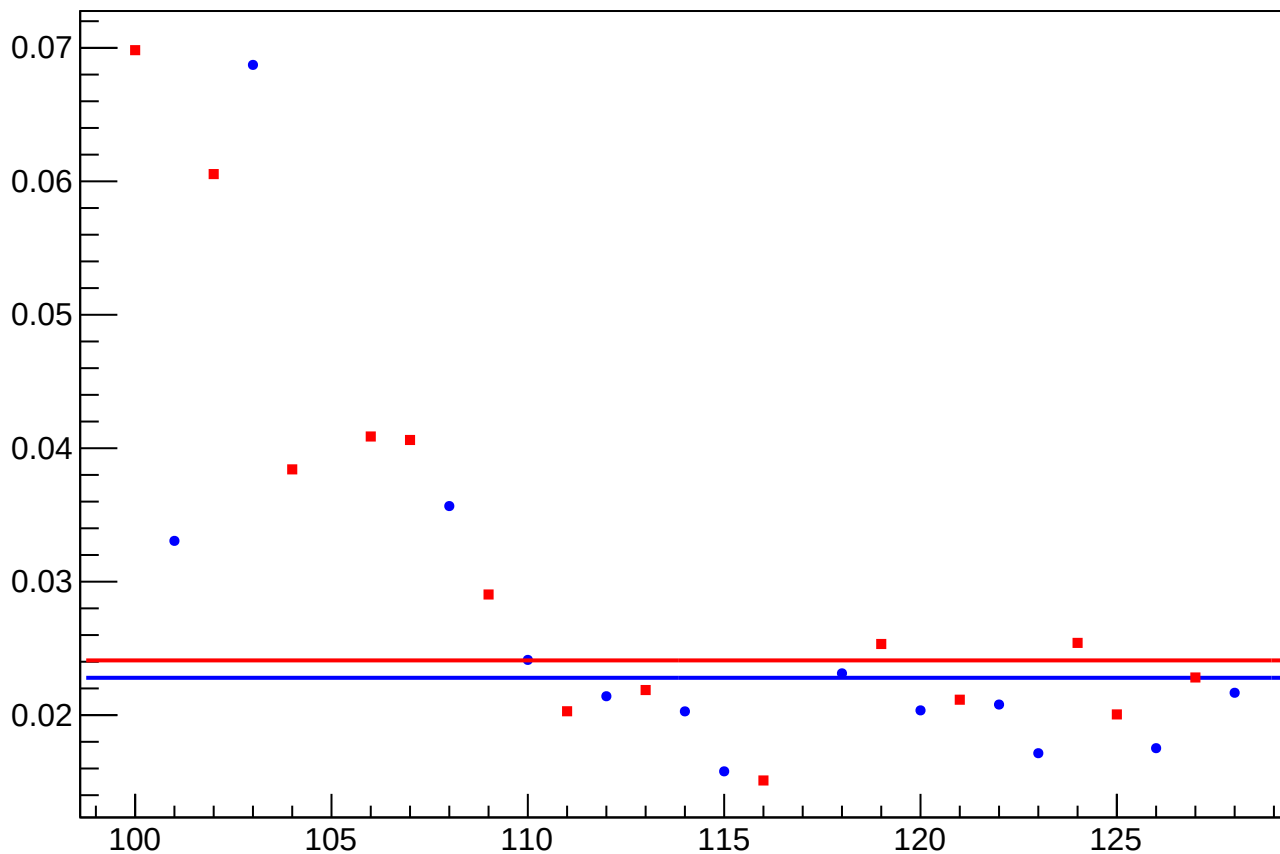
Right: -1.115+/-0.000 χ^2/NDF : 537783171.1/26

In: -1.089+/-0.000 χ^2/NDF :228147592.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.115+/-0.000 χ^2/NDF : 537783171.1/26

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 795203.6/12

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

Right Out: 0.024+/-0.000 χ^2/NDF : 924863.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

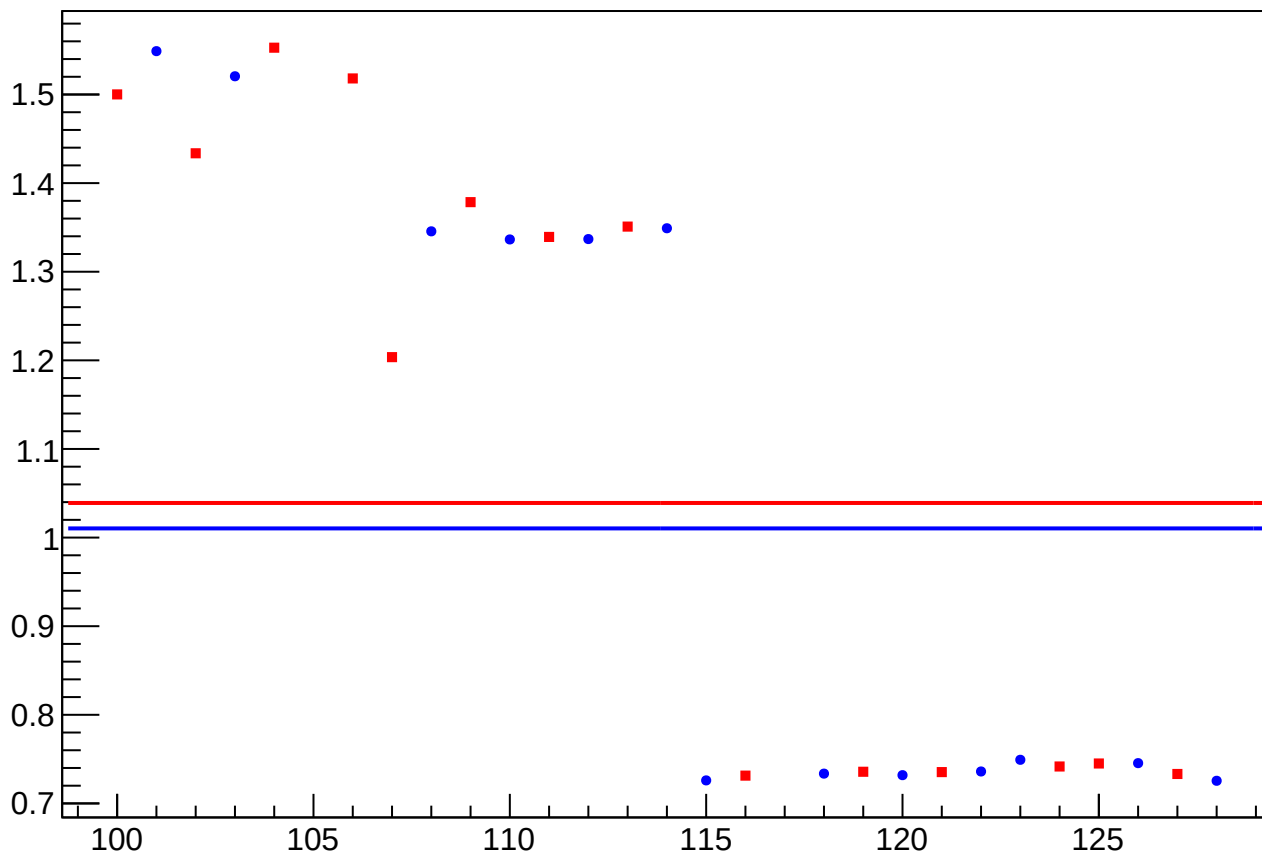
Right: 0.023+/-0.000 χ^2/NDF : 1731677.8/26

In: 0.023+/-0.000 χ^2/NDF : 795203.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.000 χ^2/NDF : 1731677.8/26

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.010+/-0.000

χ^2/NDF : 1922168038.8/12

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 1.025+/-0.000 χ^2/NDF : 3867918449.9/26

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 1.010+/-0.000 χ^2/NDF : 1922168038.8/12

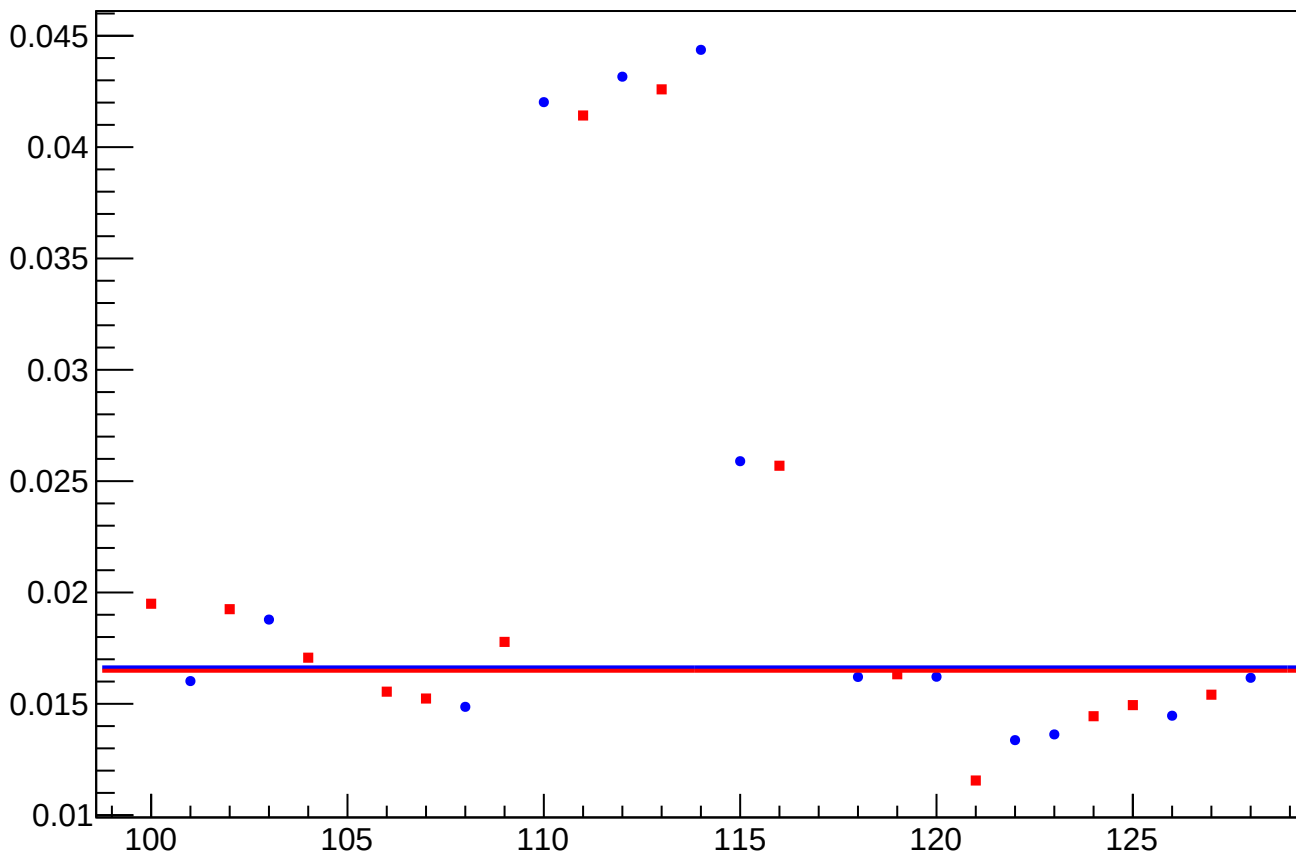
Right Out: 1.039+/-0.000 χ^2/NDF : 1939394294.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

All: 1.025+/-0.000 χ^2/NDF : 3867918449.9/26

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 779074.7/12

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

Right Out: 0.016+/-0.000 χ^2/NDF : 867740.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

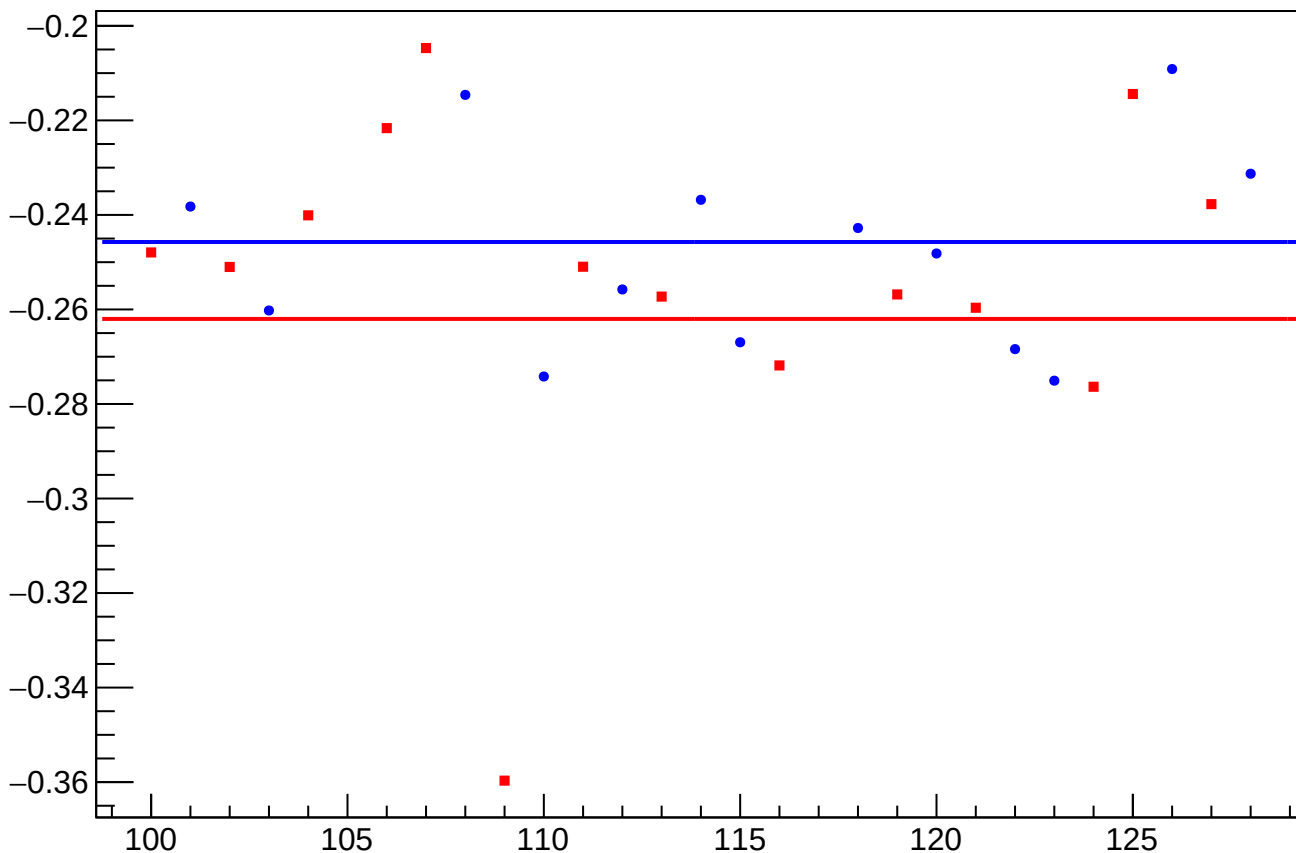
Right: 0.017+/-0.000 χ^2/NDF : 1647162.6/26

In: 0.017+/-0.000 χ^2/NDF : 779074.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.000 χ^2/NDF : 1647162.6/26

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.246+/-0.000 χ^2/NDF : 3952103.4/12

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

Right Out: -0.262+/-0.000 χ^2/NDF : 12479027.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

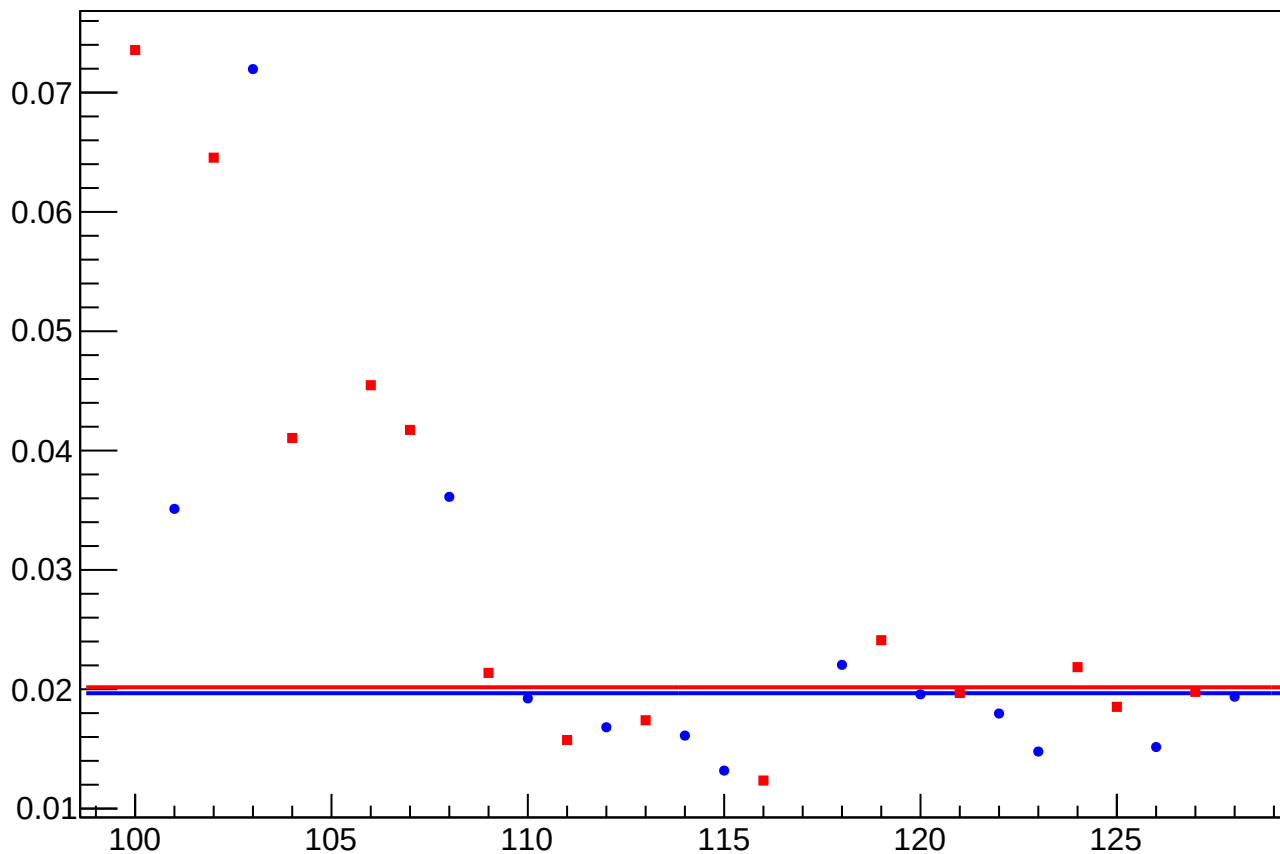
Right: -0.254+/-0.000 χ^2/NDF : 17638211.3/26

In: -0.246+/-0.000 χ^2/NDF : 3952103.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.254+/-0.000 χ^2/NDF : 17638211.3/26

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1062570.4/12

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

Right Out: 0.020+/-0.000 χ^2/NDF : 1302164.1/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

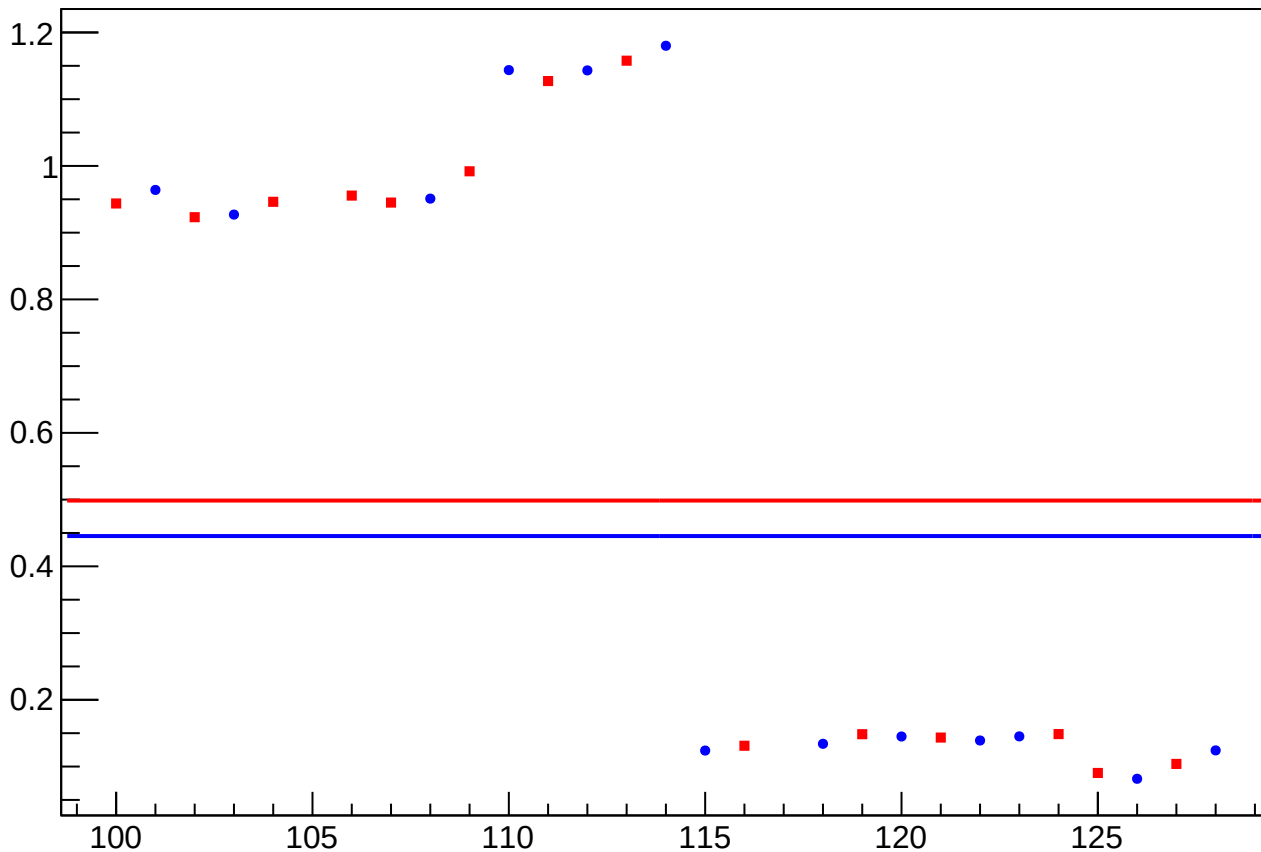
Right: 0.020+/-0.000 χ^2/NDF : 2367003.8/26

In: 0.020+/-0.000 χ^2/NDF :1062570.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.020+/-0.000 χ^2/NDF : 2367003.8/26

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.445+/-0.000 χ^2/NDF : 3892228706.3/12

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

Right Out: 0.499+/-0.000 χ^2/NDF : 3930678837.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

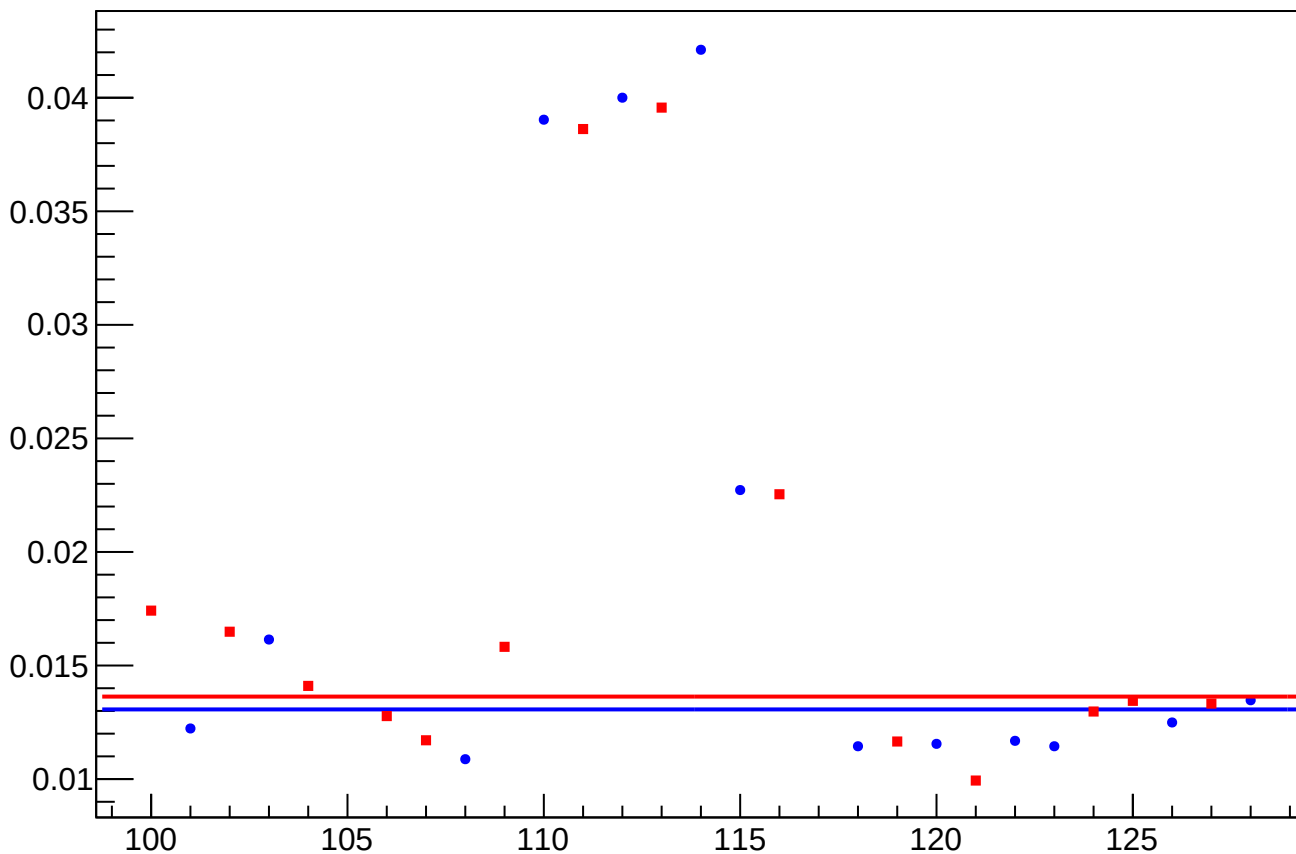
Right: 0.472+/-0.000 χ^2/NDF : 7855746129.5/26

In: 0.445+/-0.000 χ^2/NDF : 3892228706.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.472+/-0.000 χ^2/NDF : 7855746129.5/26

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 945294.4/12

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

Right Out: 0.014+/-0.000 χ^2/NDF : 984473.3/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

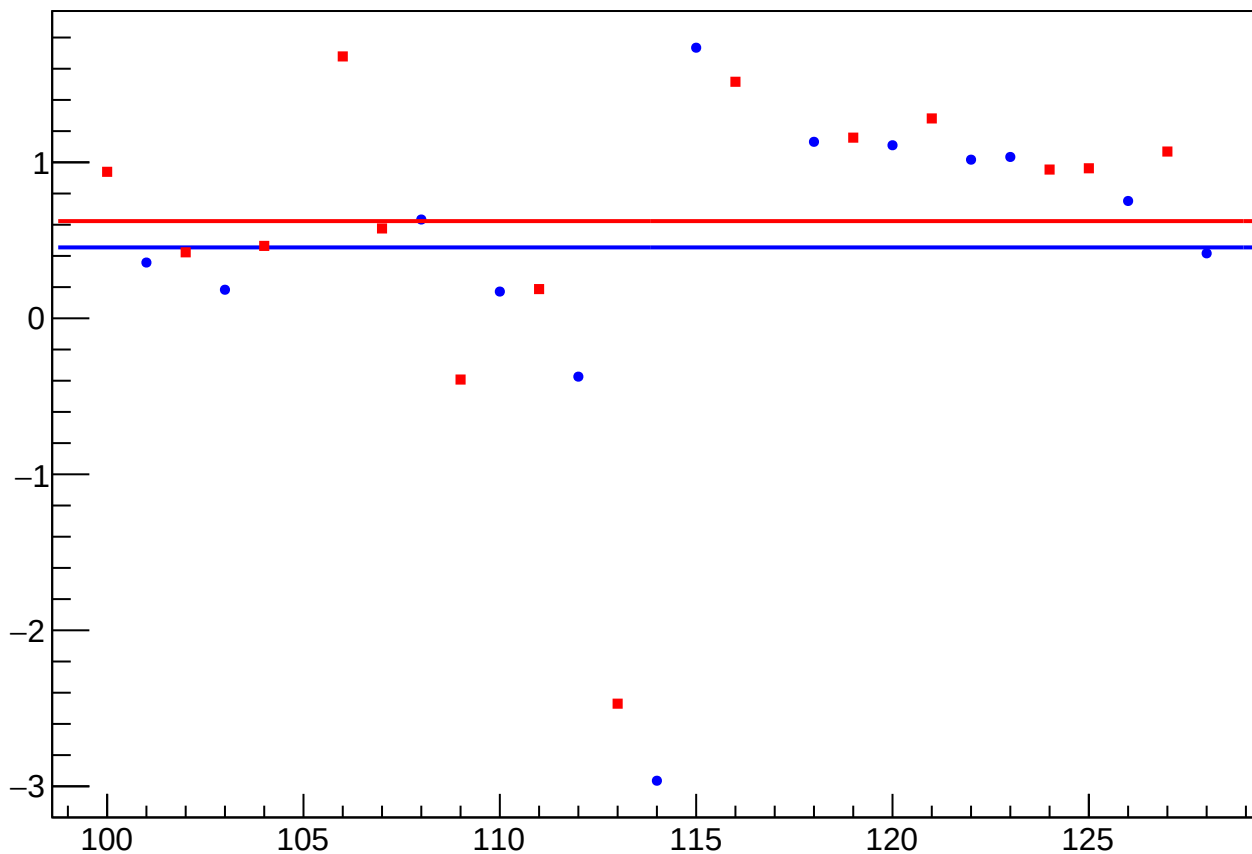
Right: 0.013+/-0.000 χ^2/NDF : 1937176.3/26

In: 0.013+/-0.000 χ^2/NDF :945294.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.013+/-0.000 χ^2/NDF : 1937176.3/26

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.455+/-0.000 χ^2/NDF : 206266356.0/12

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

Right Out: 0.623+/-0.000 χ^2/NDF : 875956870.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

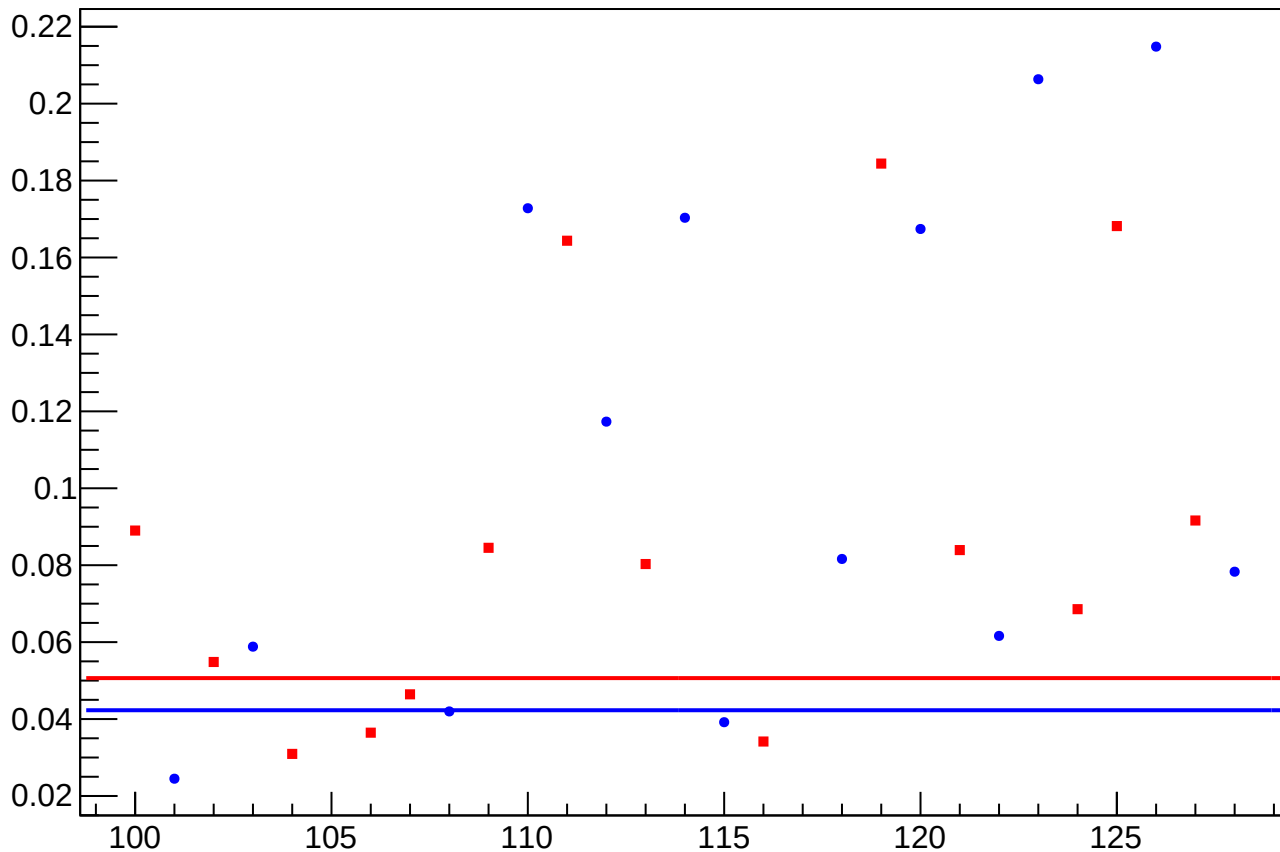
Right: 0.531+/-0.000 χ^2/NDF : 1100459999.8/26

In: 0.455+/-0.000 χ^2/NDF : 206266356.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.531+/-0.000 χ^2/NDF : 1100459999.8/26

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.042+/-0.000 χ^2/NDF : 2620594.1/12

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

Right Out: 0.051+/-0.000 χ^2/NDF : 2054091.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

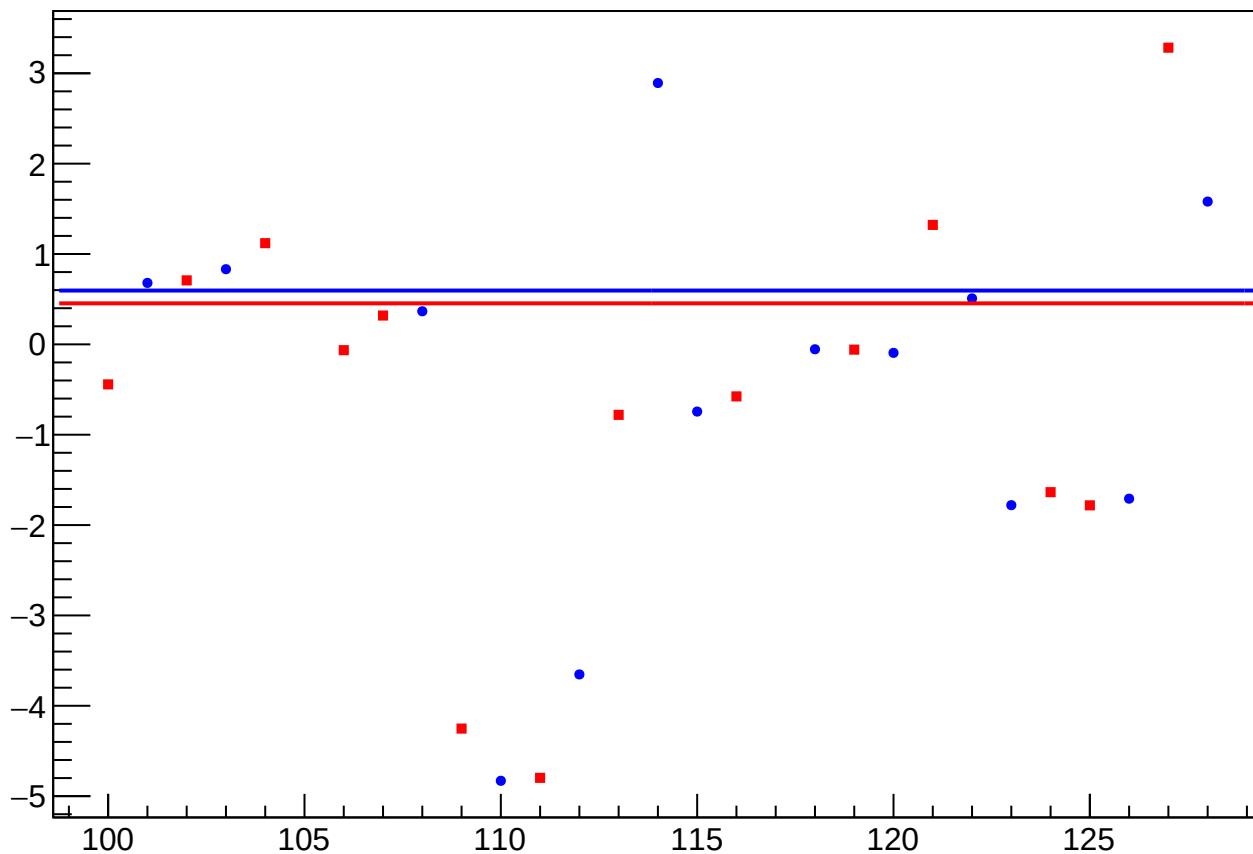
Right: 0.046+/-0.000 χ^2/NDF : 4764254.5/26

In: 0.042+/-0.000 χ^2/NDF : 2620594.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.046+/-0.000 χ^2/NDF : 4764254.5/26

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.595 ± 0.000 χ^2/NDF : 1779046400.8/12

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

Right Out: 0.454 ± 0.000 χ^2/NDF : 4271137918.4/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

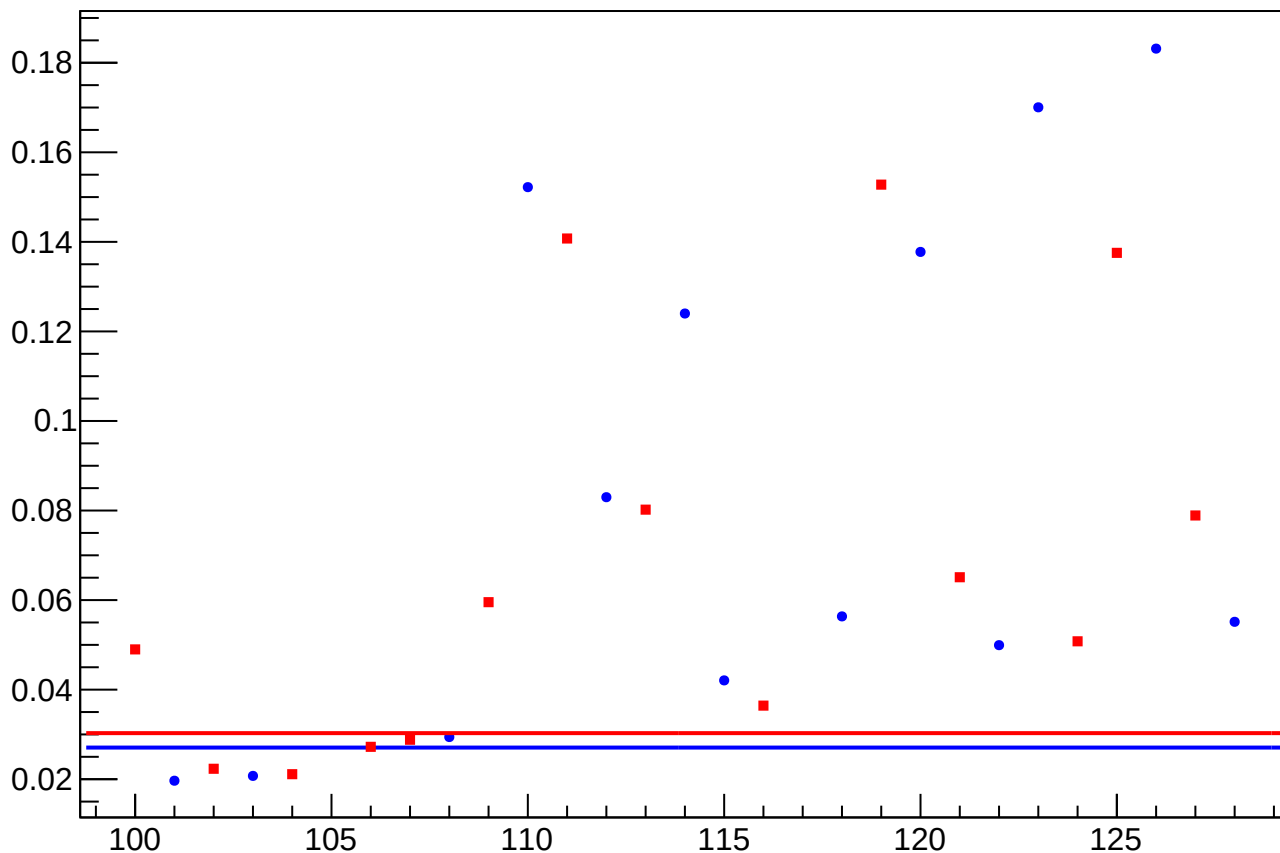
Right: 0.528 ± 0.000 χ^2/NDF : 6082617164.6/26

In: 0.595 ± 0.000 χ^2/NDF : 1779046400.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.528 ± 0.000 χ^2/NDF : 6082617164.6/26

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.027+/-0.000 χ^2/NDF : 2567267.8/12

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

Right Out: 0.030+/-0.000 χ^2/NDF : 2649347.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

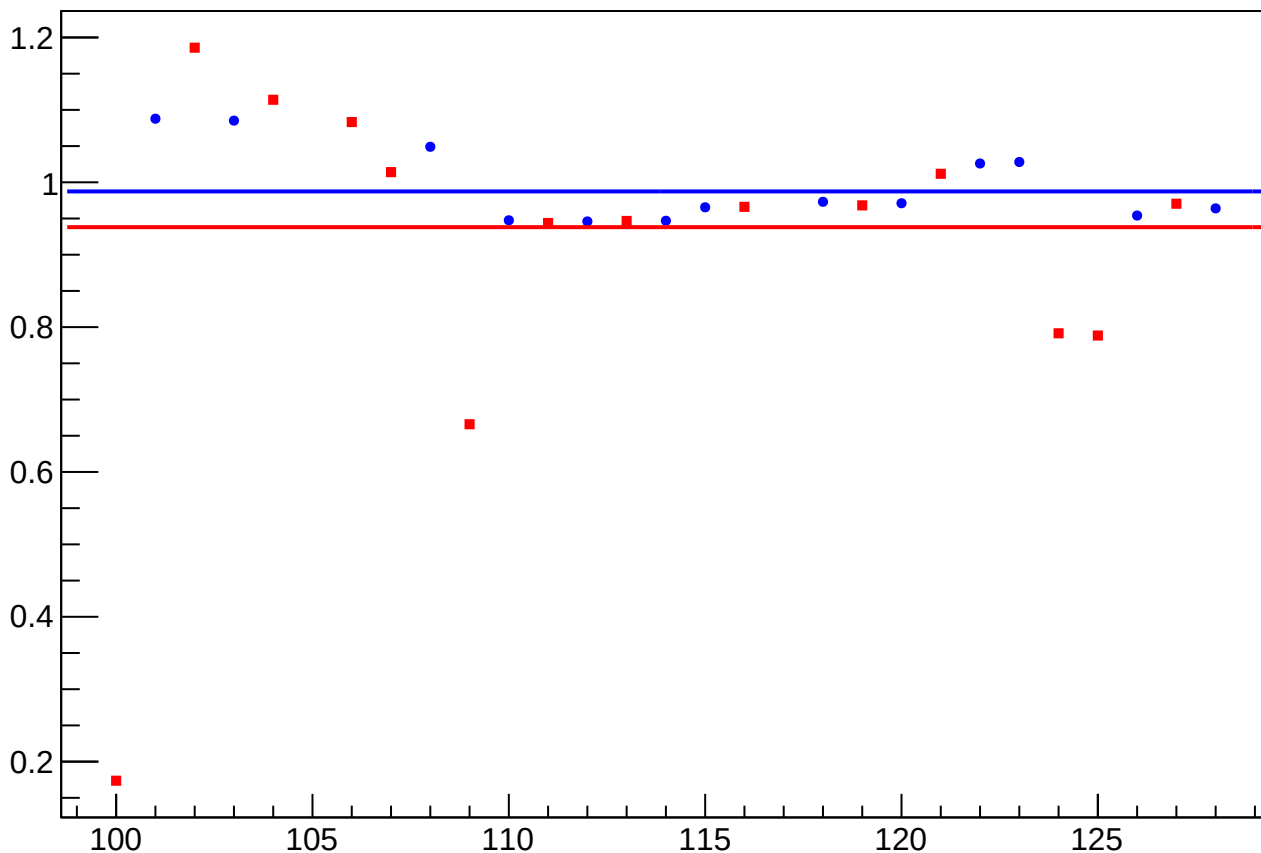
Right: 0.029+/-0.000 χ^2/NDF : 5250153.8/26

In: 0.027+/-0.000 χ^2/NDF :2567267.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.029+/-0.000 χ^2/NDF : 5250153.8/26

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.987 $\pm$ 0.000 χ^2 /NDF: 48198446.7/12

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

Right Out: 0.938 $\pm$ 0.000 χ^2 /NDF: 322701411.9/13

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

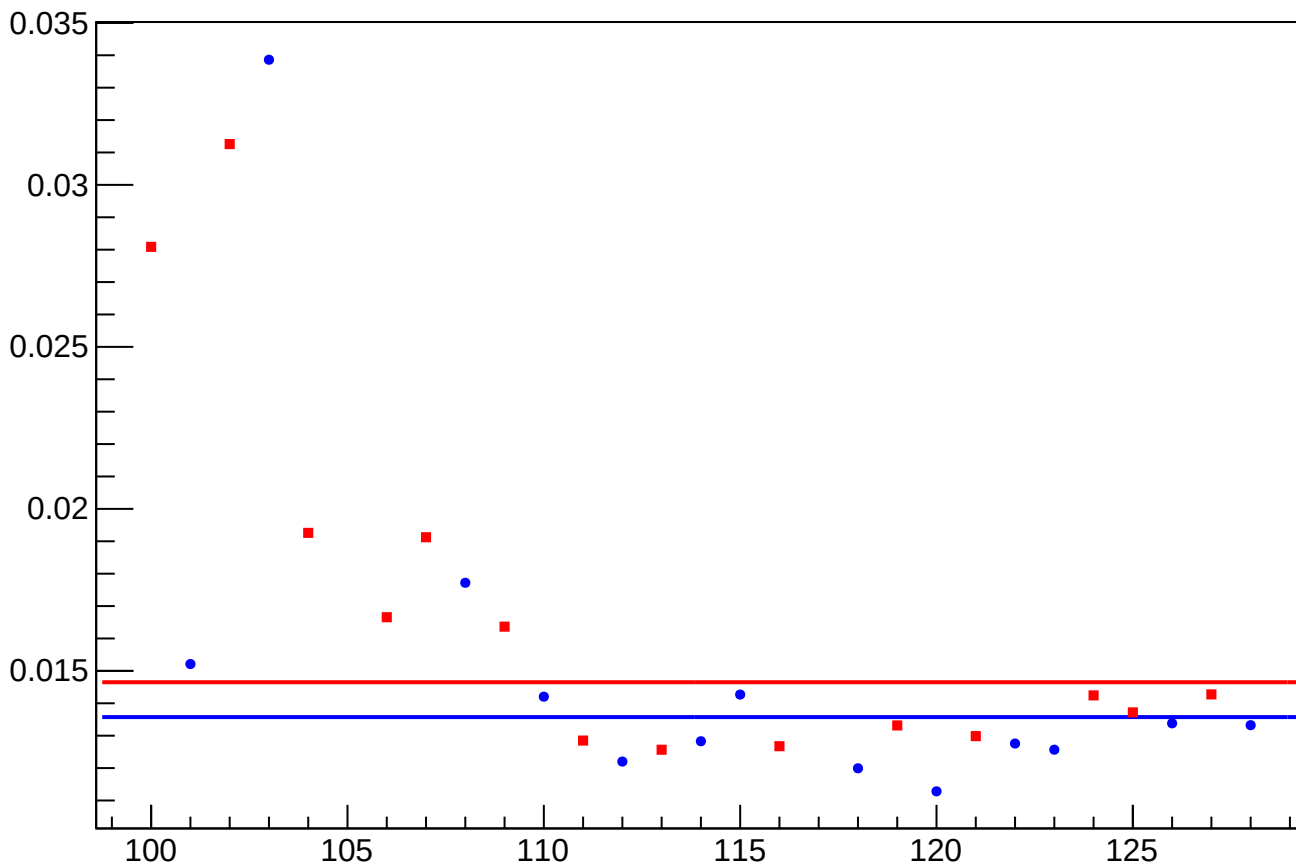
Right: 0.964 $\pm$ 0.000 χ^2 /NDF: 396559684.7/26

In: 0.987 $\pm$ 0.000 χ^2 /NDF:48198446.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.964 $\pm$ 0.000 χ^2 /NDF: 396559684.7/26

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 479633.4/12

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

Right Out: 0.015+/-0.000 χ^2/NDF : 467811.6/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

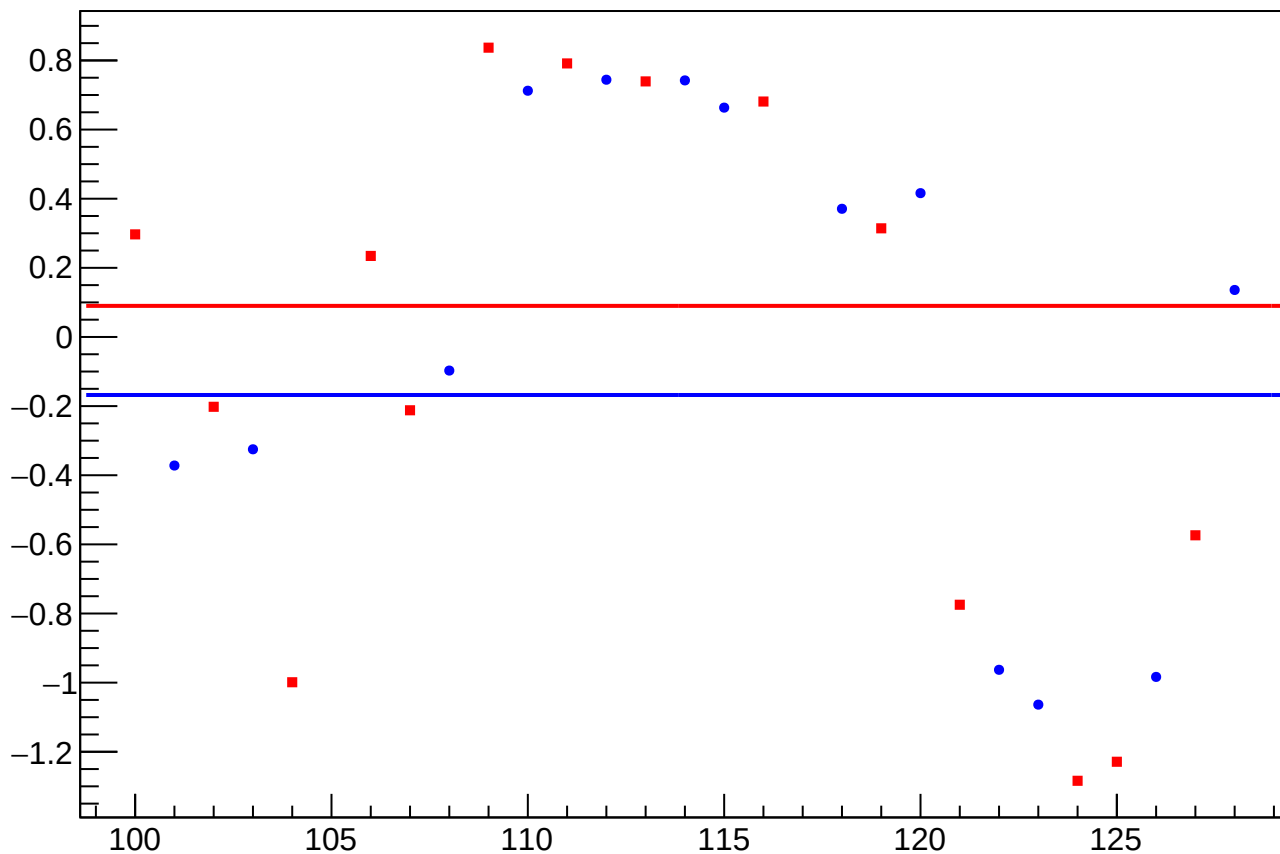
Right: 0.014+/-0.000 χ^2/NDF : 971840.7/26

In: 0.014+/-0.000 χ^2/NDF :479633.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 971840.7/26

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.168+/-0.000

χ^2/NDF : 4613609191.2/12

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: -0.010+/-0.000 χ^2/NDF : 16981754310.1/26

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: -0.168+/-0.000 χ^2/NDF : 4613609191.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

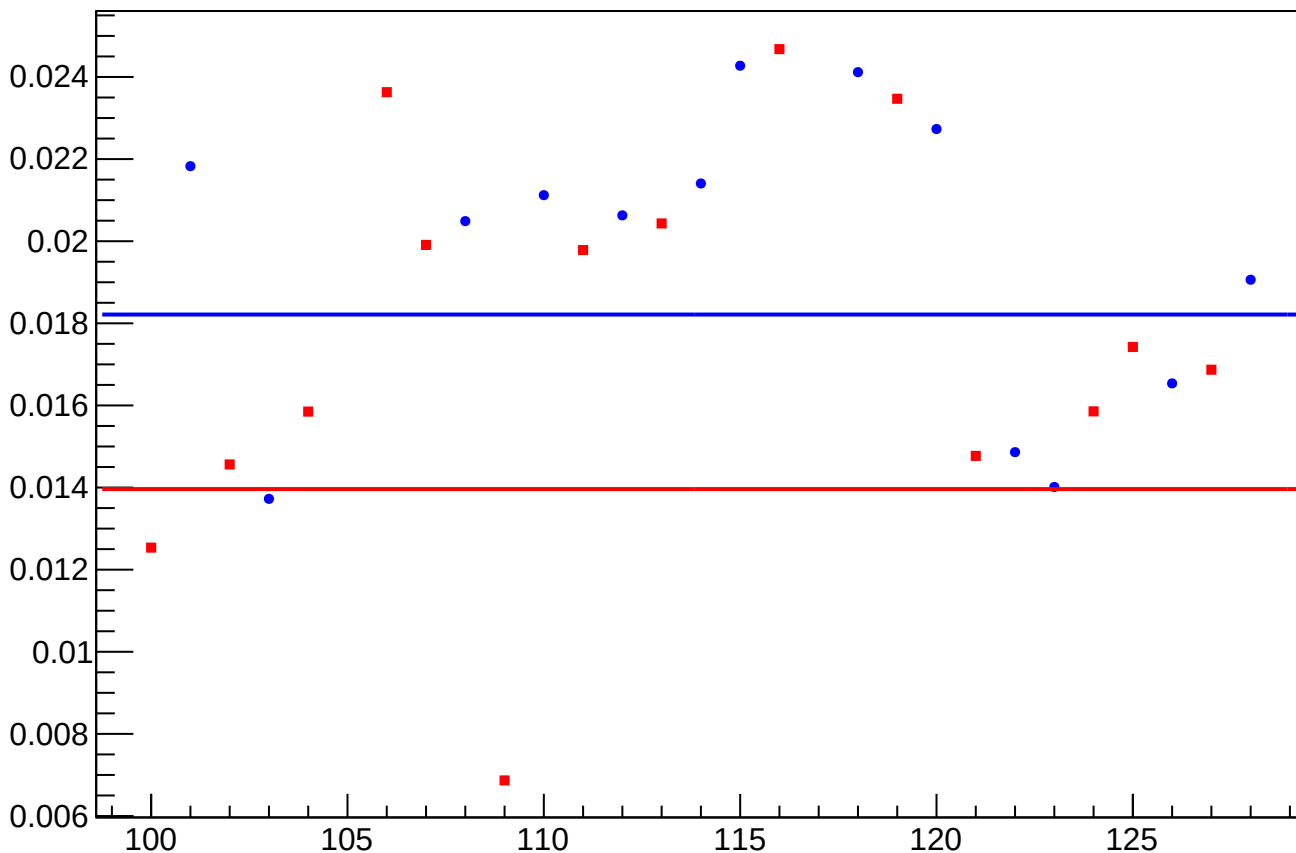
Right Out: 0.090+/-0.000

χ^2/NDF : 11846670090.5/13

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

All: -0.010+/-0.000 χ^2/NDF : 16981754310.1/26

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 334042.6/12

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

Right Out: 0.014+/-0.000 χ^2/NDF : 1302420.6/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

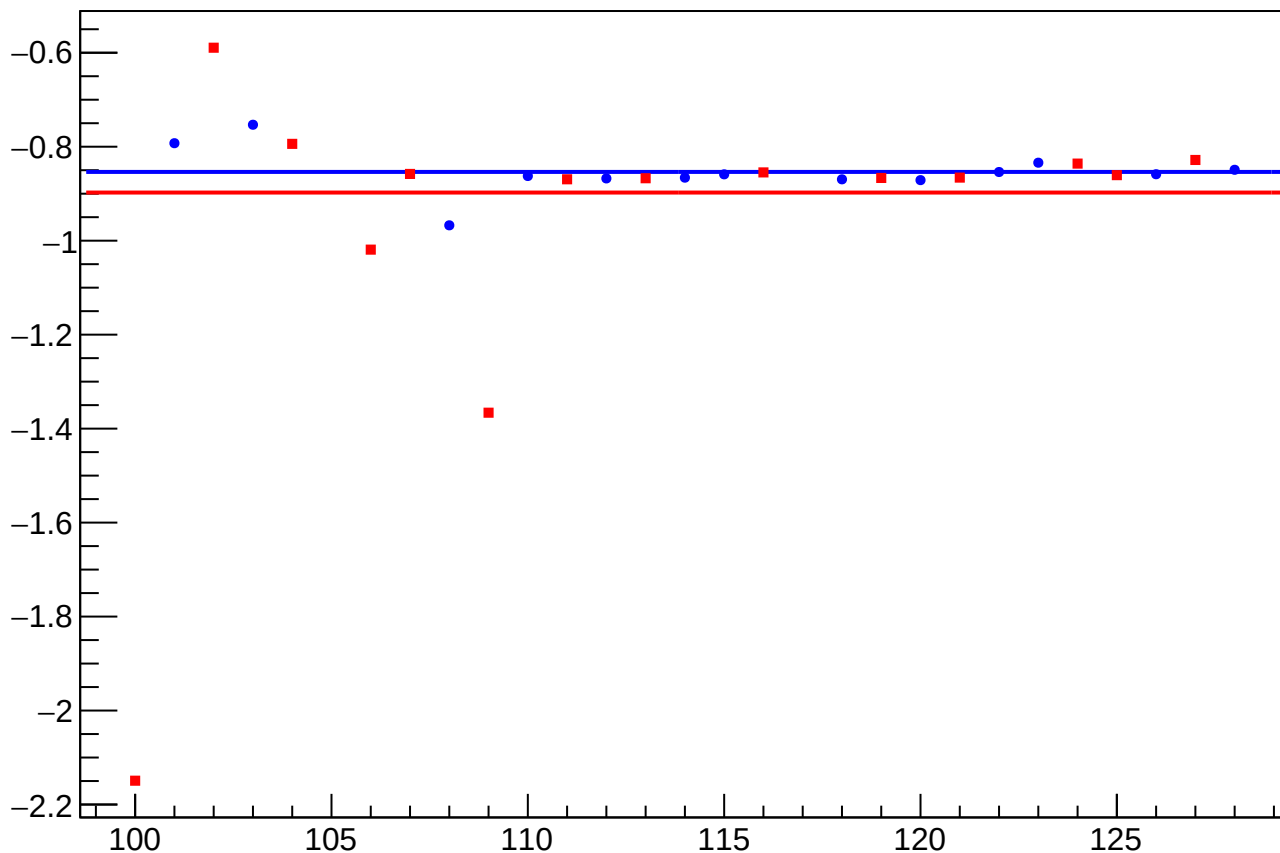
Right: 0.016+/-0.000 χ^2/NDF : 1920034.1/26

In: 0.018+/-0.000 χ^2/NDF :334042.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.016+/-0.000 χ^2/NDF : 1920034.1/26

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.854+/-0.000 χ^2/NDF : 6298601.9/12

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

Right Out: -0.898+/-0.000 χ^2/NDF : 111832797.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

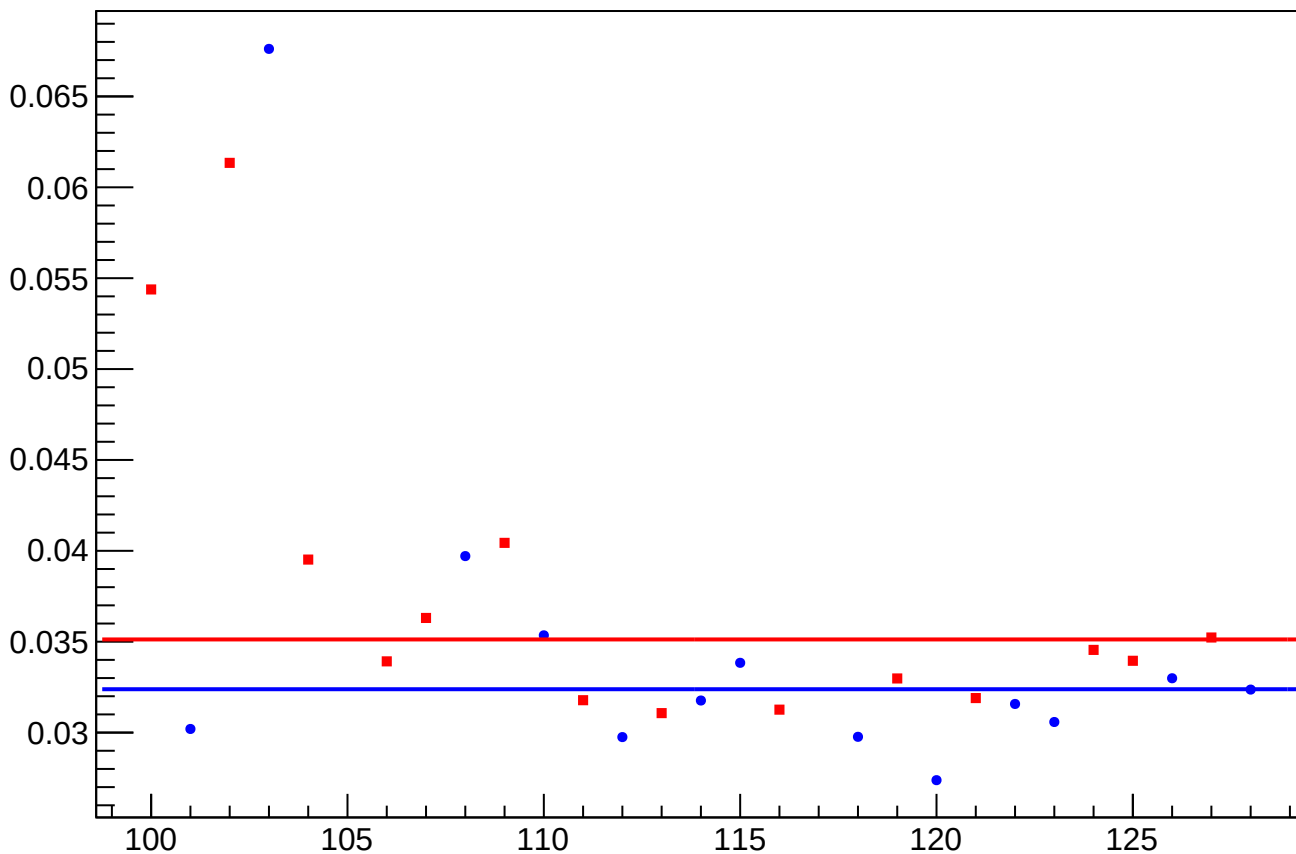
Right: -0.875+/-0.000 χ^2/NDF : 121732182.3/26

In: -0.854+/-0.000 χ^2/NDF :6298601.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.875+/-0.000 χ^2/NDF : 121732182.3/26

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.032+/-0.000 χ^2/NDF : 344705.9/12

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

Right Out: 0.035+/-0.000 χ^2/NDF : 256633.3/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

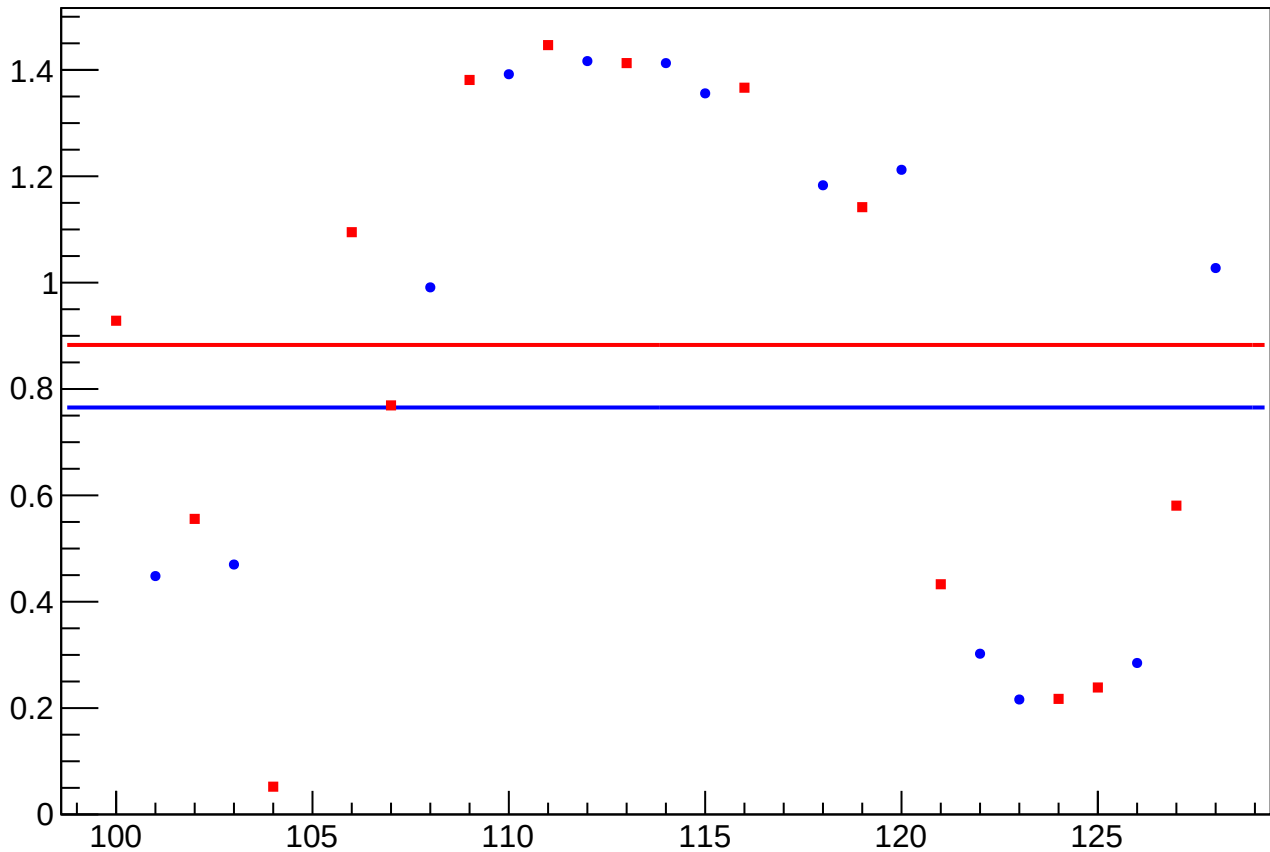
Right: 0.034+/-0.000 χ^2/NDF : 629361.3/26

In: 0.032+/-0.000 χ^2/NDF :344705.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.034+/-0.000 χ^2/NDF : 629361.3/26

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.765+/-0.000 χ^2/NDF : 5289035364.3/12

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

Right Out: 0.883+/-0.000 χ^2/NDF : 9266319081.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

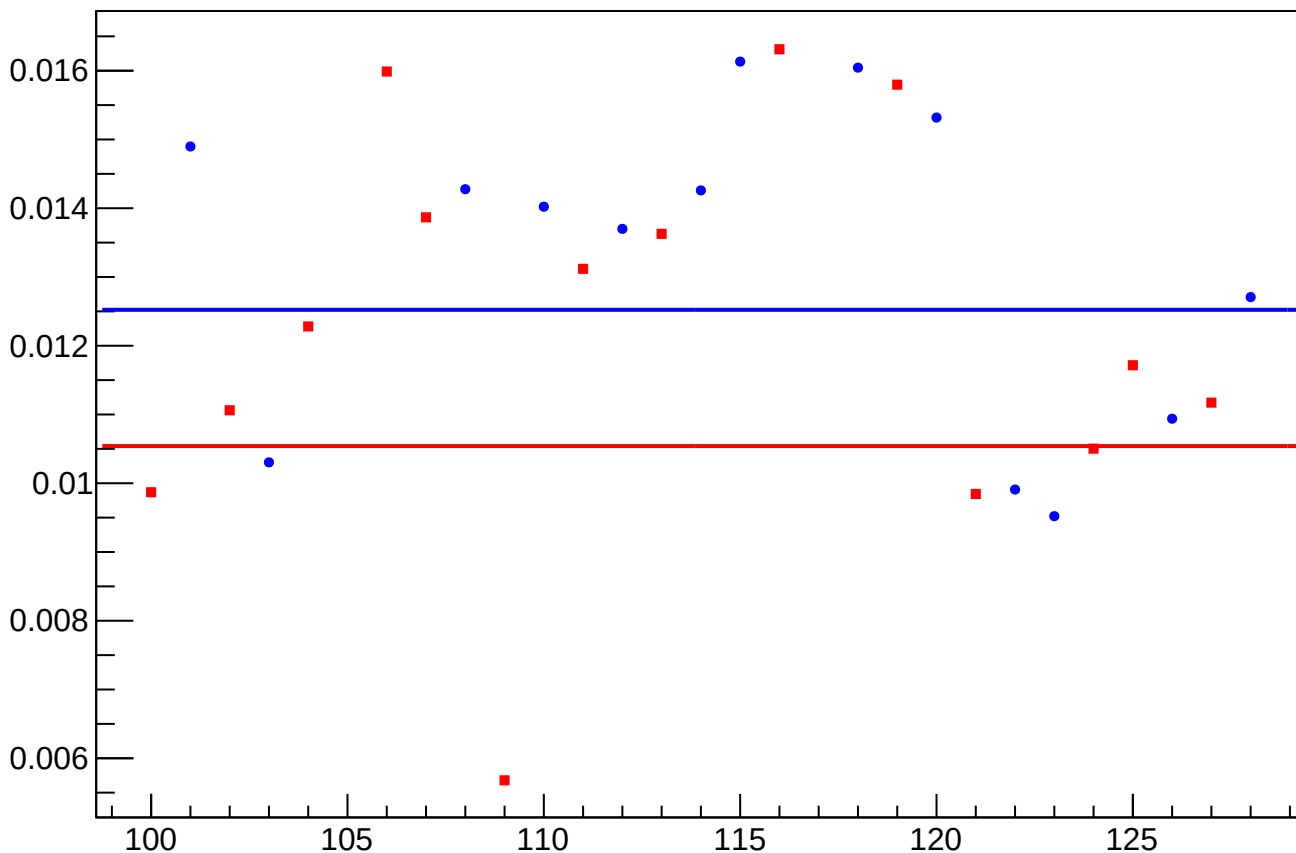
Right: 0.834+/-0.000 χ^2/NDF : 14774462279.3/26

In: 0.765+/-0.000 χ^2/NDF :5289035364.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.834+/-0.000 χ^2/NDF : 14774462279.3/26

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 259070.0/12

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

Right Out: 0.011+/-0.000 χ^2/NDF : 837578.2/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

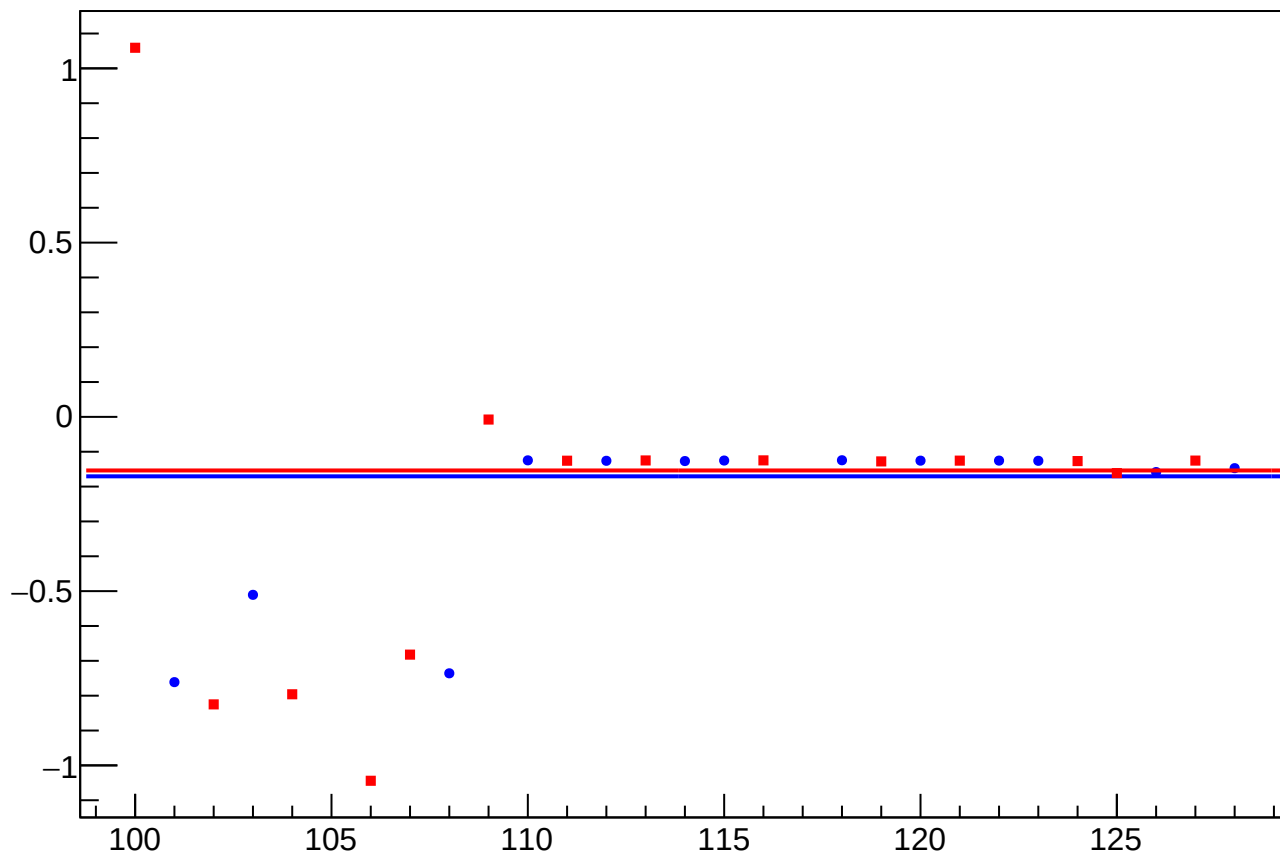
Right: 0.011+/-0.000 χ^2/NDF : 1221035.2/26

In: 0.013+/-0.000 χ^2/NDF :259070.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 1221035.2/26

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.171+/-0.000 χ^2/NDF : 356071416.6/12

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

Right Out: -0.154+/-0.000 χ^2/NDF : 421447748.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

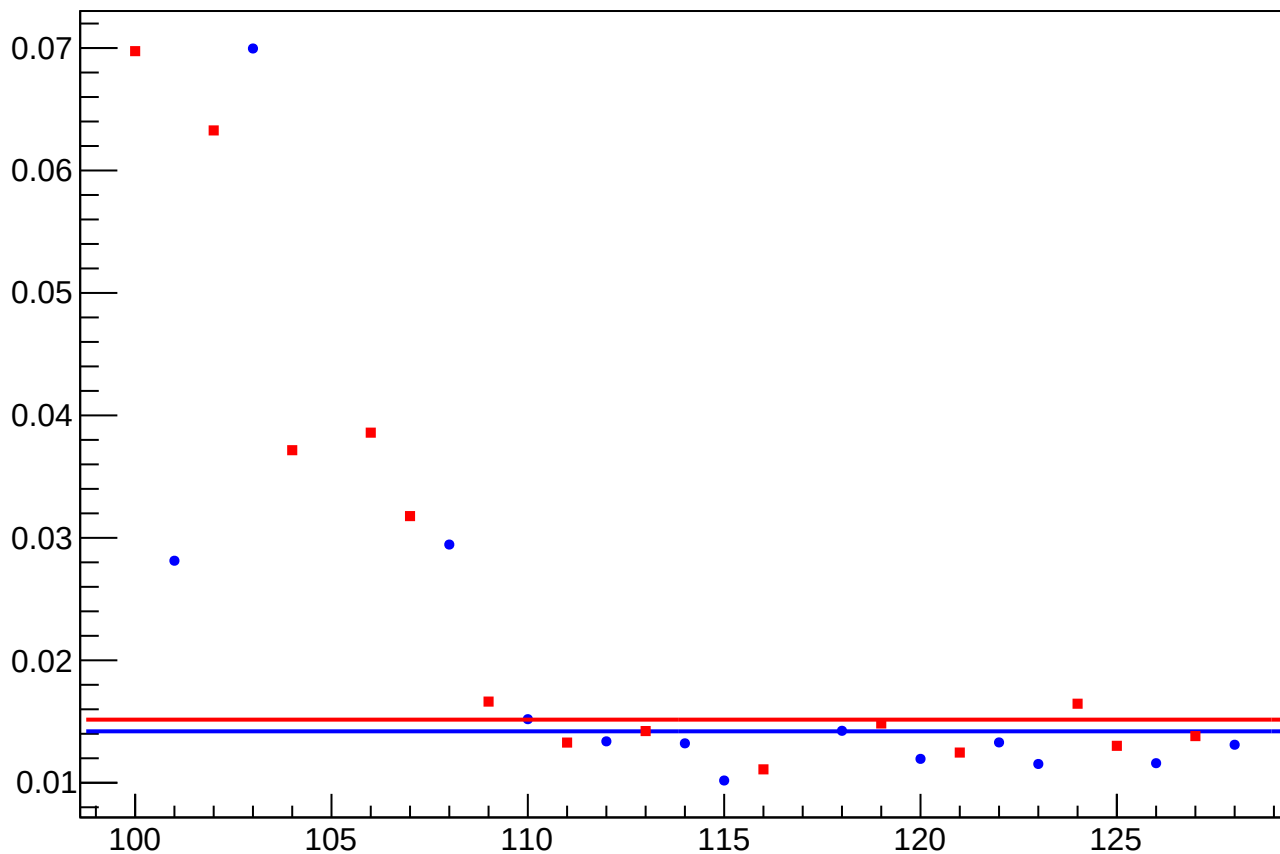
Right: -0.163+/-0.000 χ^2/NDF : 779806005.1/26

In: -0.171+/-0.000 χ^2/NDF : 356071416.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.163+/-0.000 χ^2/NDF : 779806005.1/26

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1181997.5/12

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

Right Out: 0.015+/-0.000 χ^2/NDF : 1339143.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

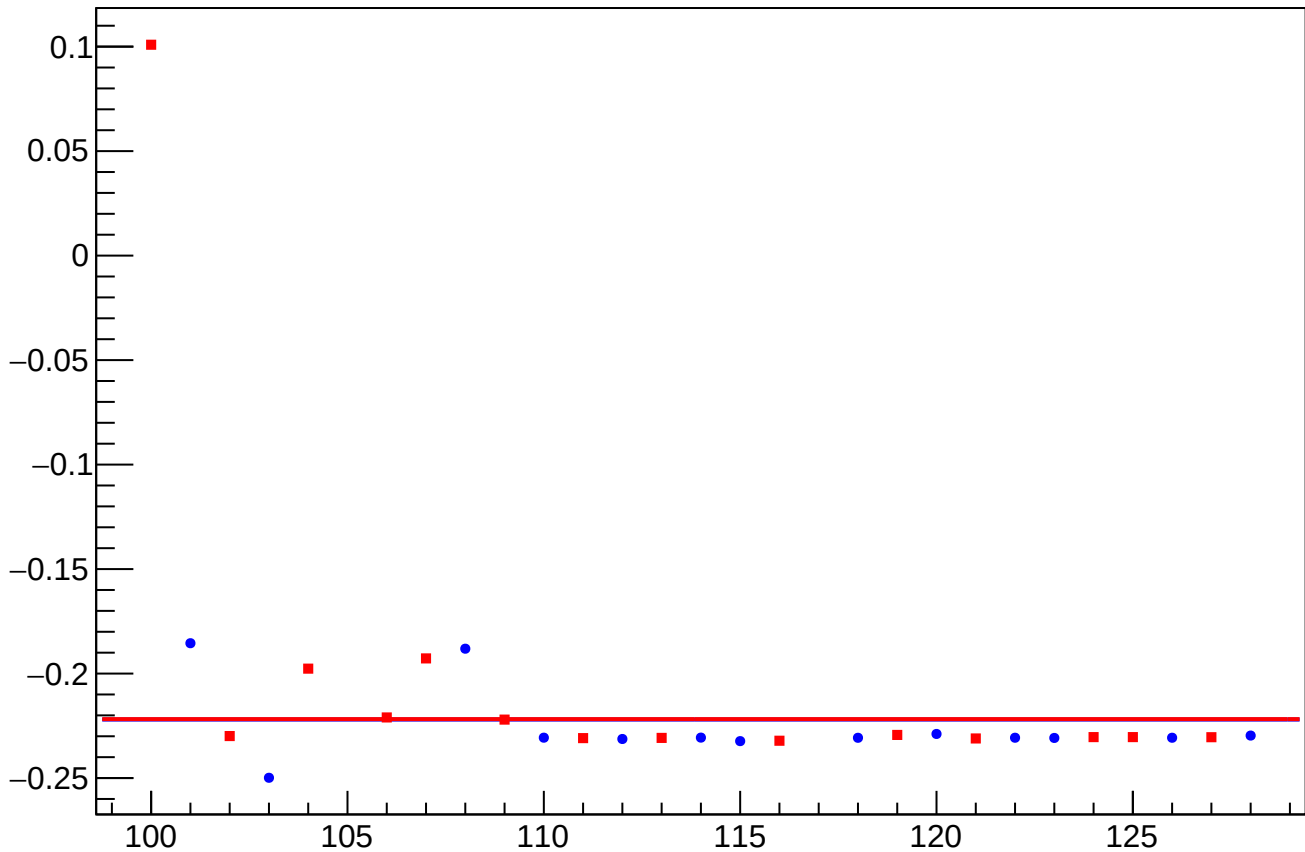
Right: 0.015+/-0.000 χ^2/NDF : 2535806.1/26

In: 0.014+/-0.000 χ^2/NDF : 1181997.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 2535806.1/26

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.222+/-0.000 χ^2/NDF : 71776520.0/12

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

Right Out: -0.222+/-0.000 χ^2/NDF : 165561004.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

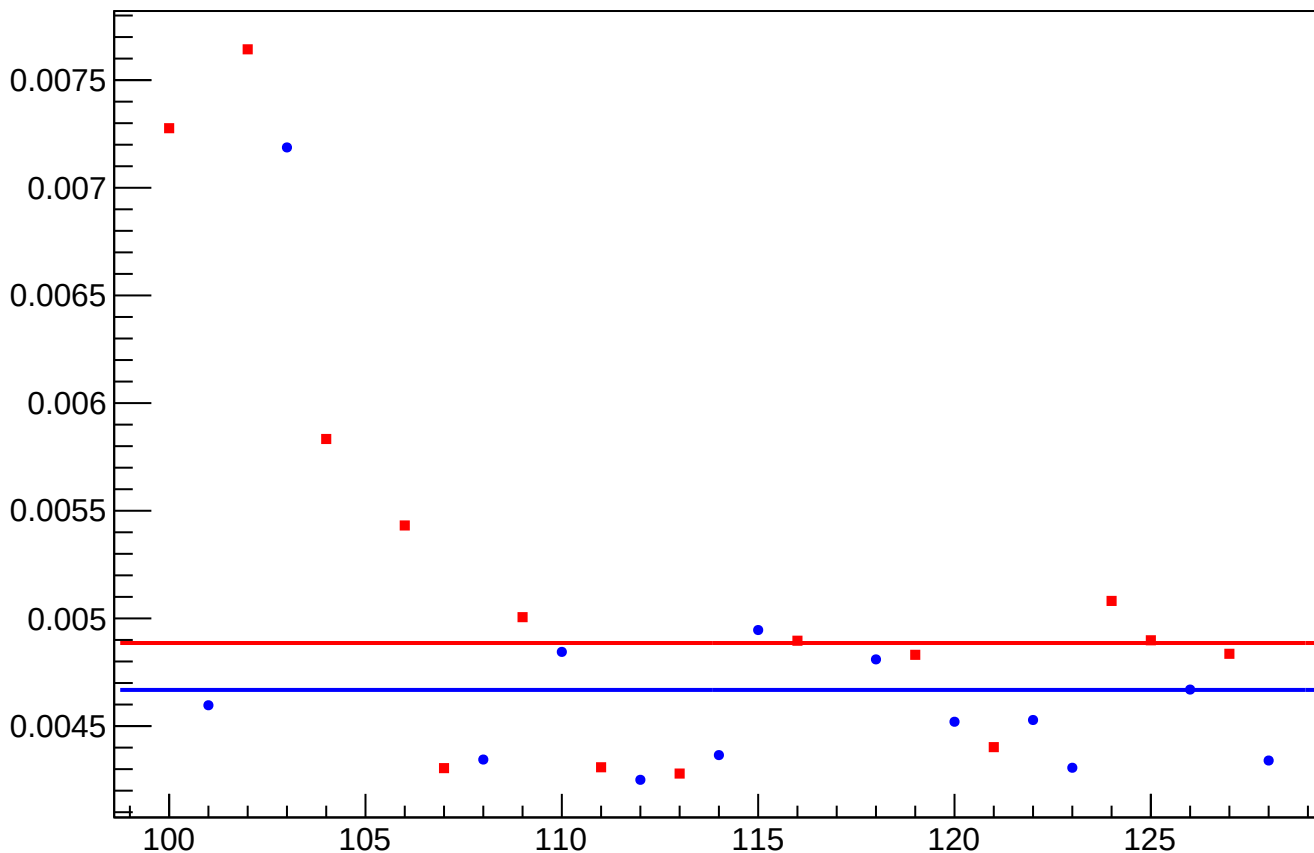
Right: -0.222+/-0.000 χ^2/NDF : 237341621.7/26

In: -0.222+/-0.000 χ^2/NDF : 71776520.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.222+/-0.000 χ^2/NDF : 237341621.7/26

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 152325.7/12

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

Right Out: 0.005+/-0.000 χ^2/NDF : 226279.1/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

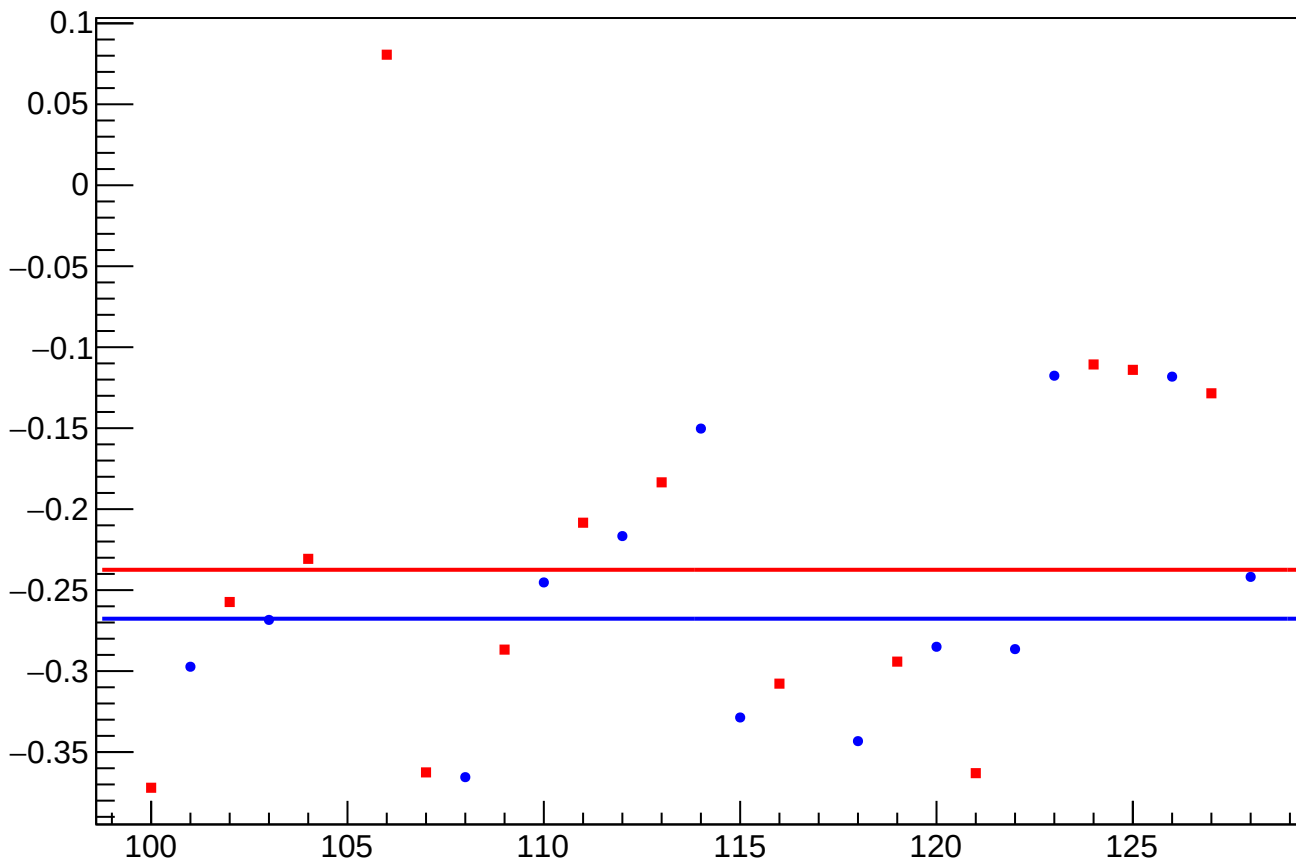
Right: 0.005+/-0.000 χ^2/NDF : 387881.1/26

In: 0.005+/-0.000 χ^2/NDF :152325.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

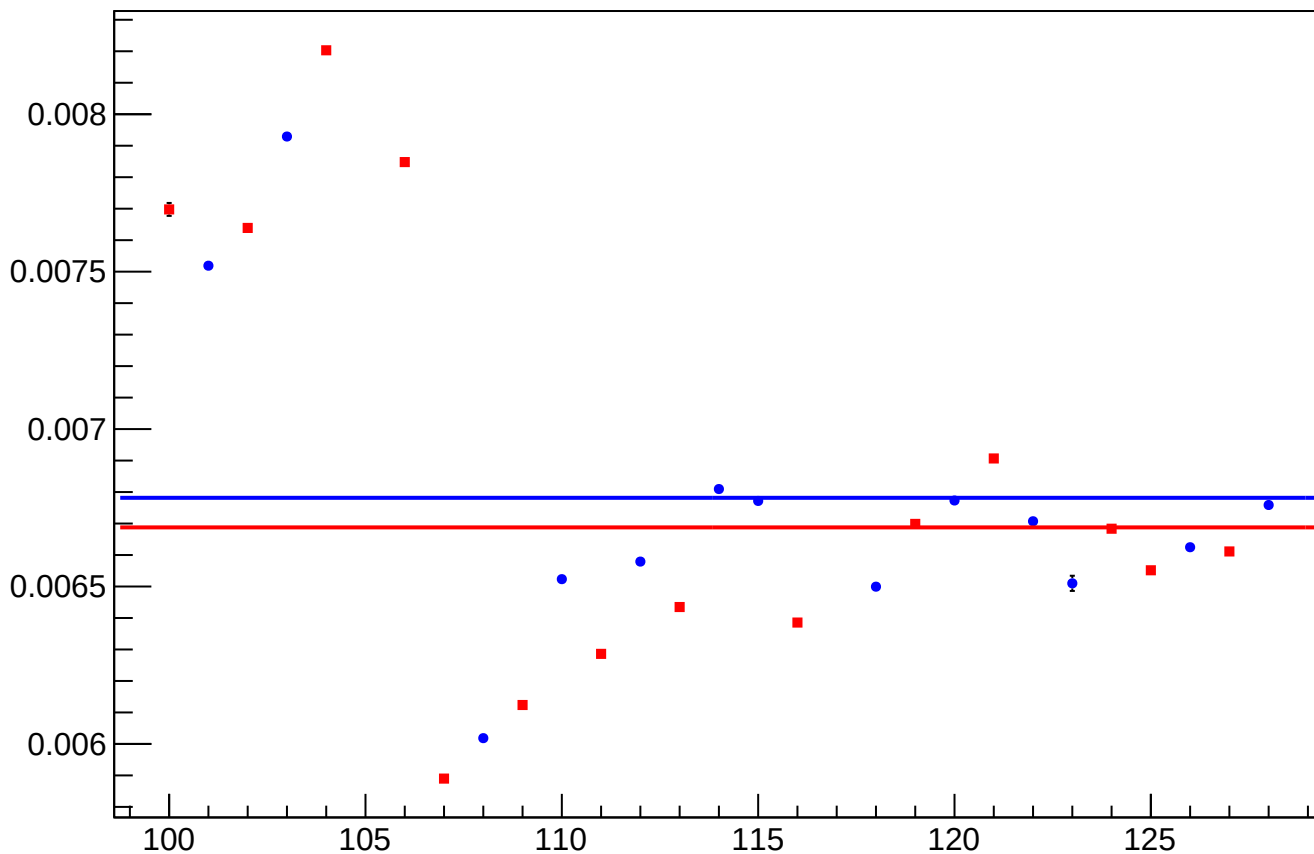
All: 0.005+/-0.000 χ^2/NDF : 387881.1/26

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.268+/-0.000 χ^2/NDF : 472764087.5/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.237+/-0.000 χ^2/NDF : 1045976929.4/13
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.252+/-0.000 χ^2/NDF : 1567195691.8/26
 In: -0.268+/-0.000 χ^2/NDF : 472764087.5/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.252+/-0.000 χ^2/NDF : 1567195691.8/26

yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 51341.0/12

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

Right Out: 0.007+/-0.000 χ^2/NDF : 88984.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

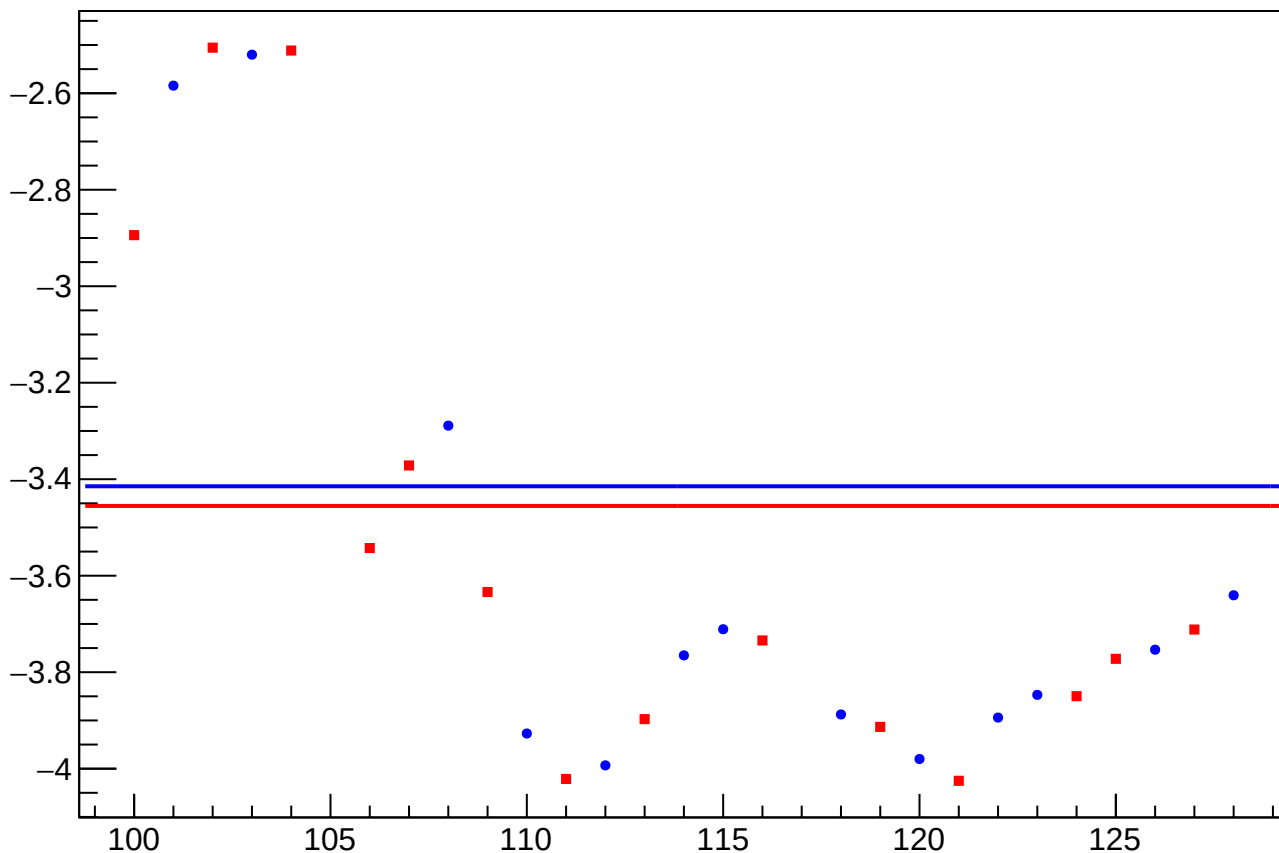
Right: 0.007+/-0.000 χ^2/NDF : 141263.3/26

In: 0.007+/-0.000 χ^2/NDF : 51341.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 141263.3/26

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.415+/-0.000 χ^2/NDF : 25758412814.2/12

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

Right Out: -3.455+/-0.000 χ^2/NDF : 24992196872.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

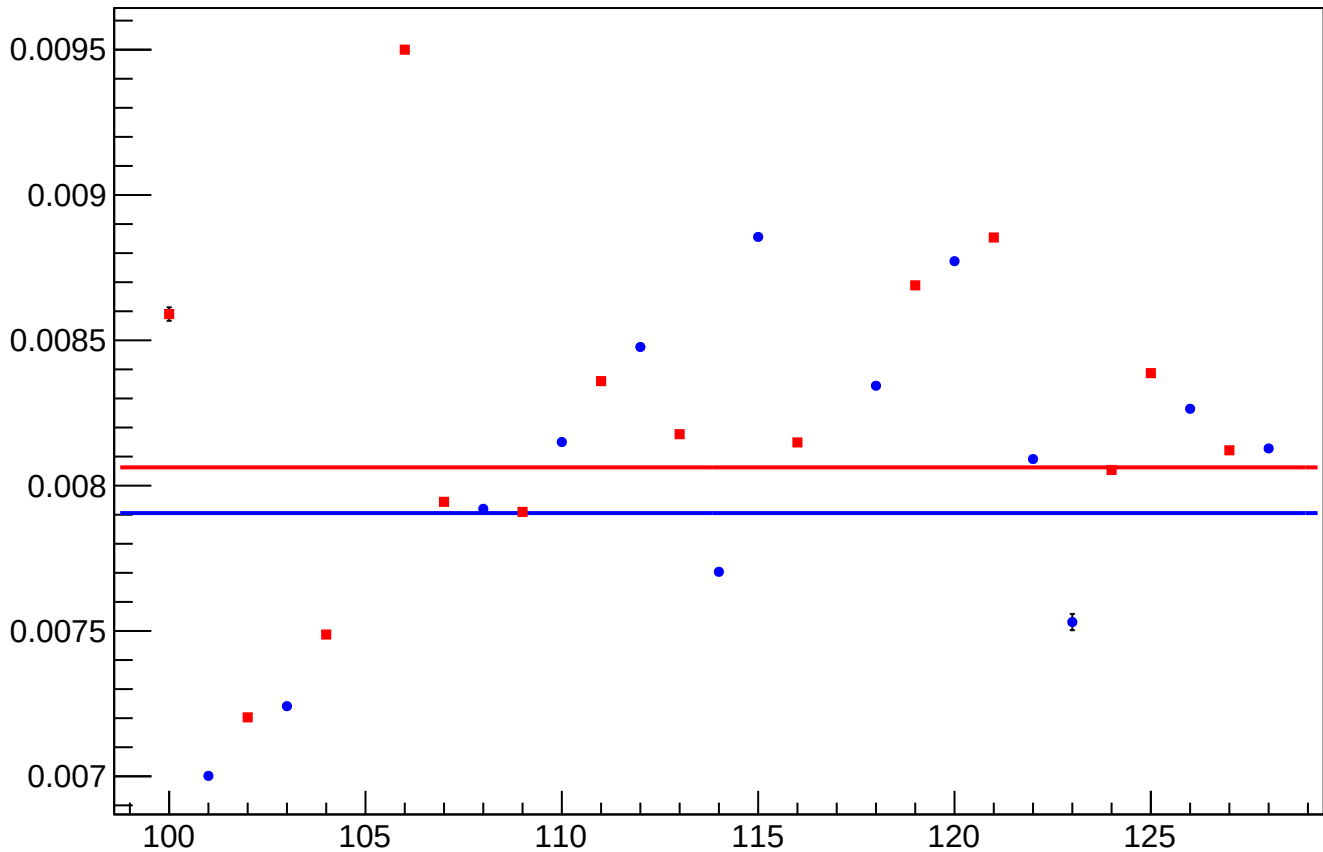
Right: -3.435+/-0.000 χ^2/NDF : 50812448293.7/26

In: -3.415+/-0.000 χ^2/NDF : 25758412814.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.435+/-0.000 χ^2/NDF : 50812448293.7/26

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 48054.2/12

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

Right Out: 0.008+/-0.000 χ^2/NDF : 41919.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

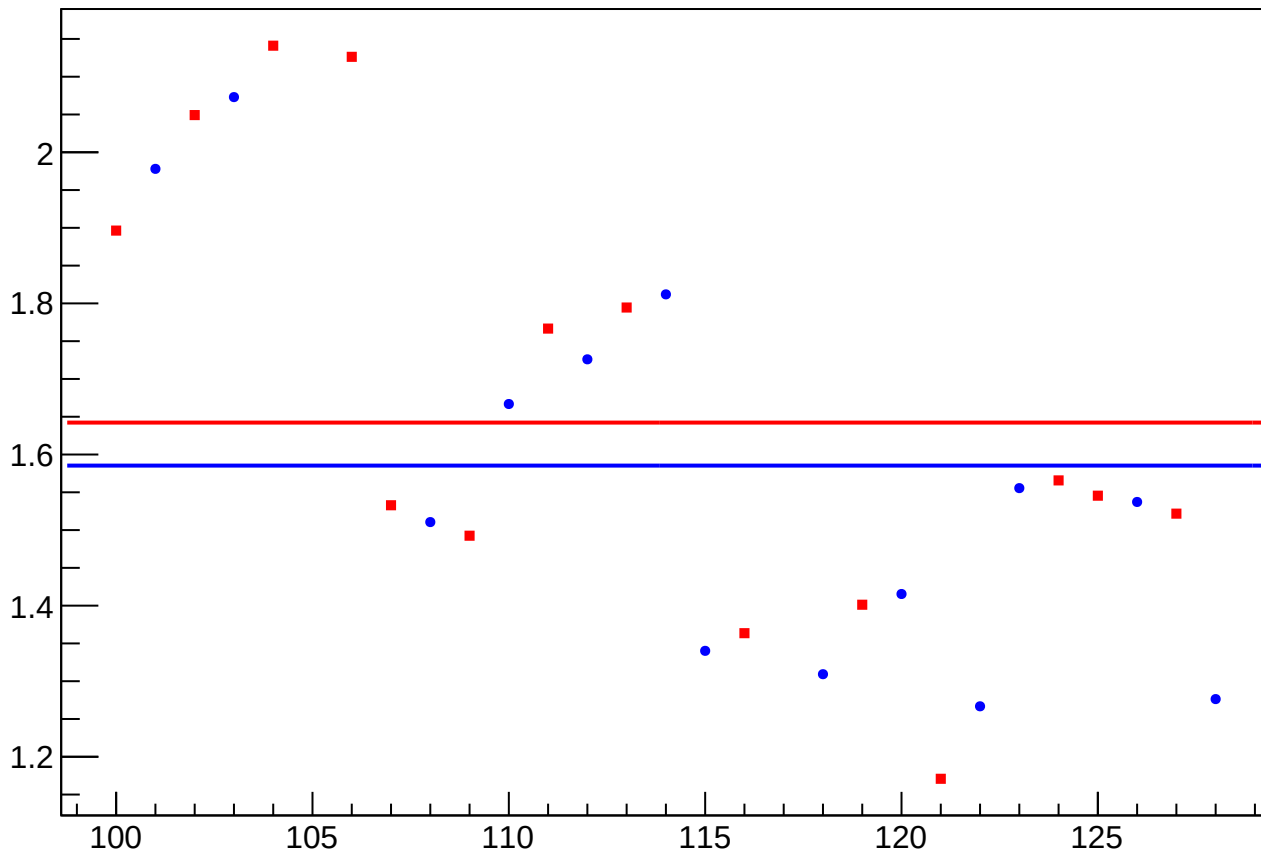
Right: 0.008+/-0.000 χ^2/NDF : 91818.0/26

In: 0.008+/-0.000 χ^2/NDF : 48054.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 91818.0/26

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.585+/-0.000

χ^2/NDF : 2299779181.4/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 1.642+/-0.000

χ^2/NDF : 2689011916.0/13

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1.615+/-0.000

χ^2/NDF : 5038908382.9/26

In: 1.585+/-0.000

χ^2/NDF : 2299779181.4/12

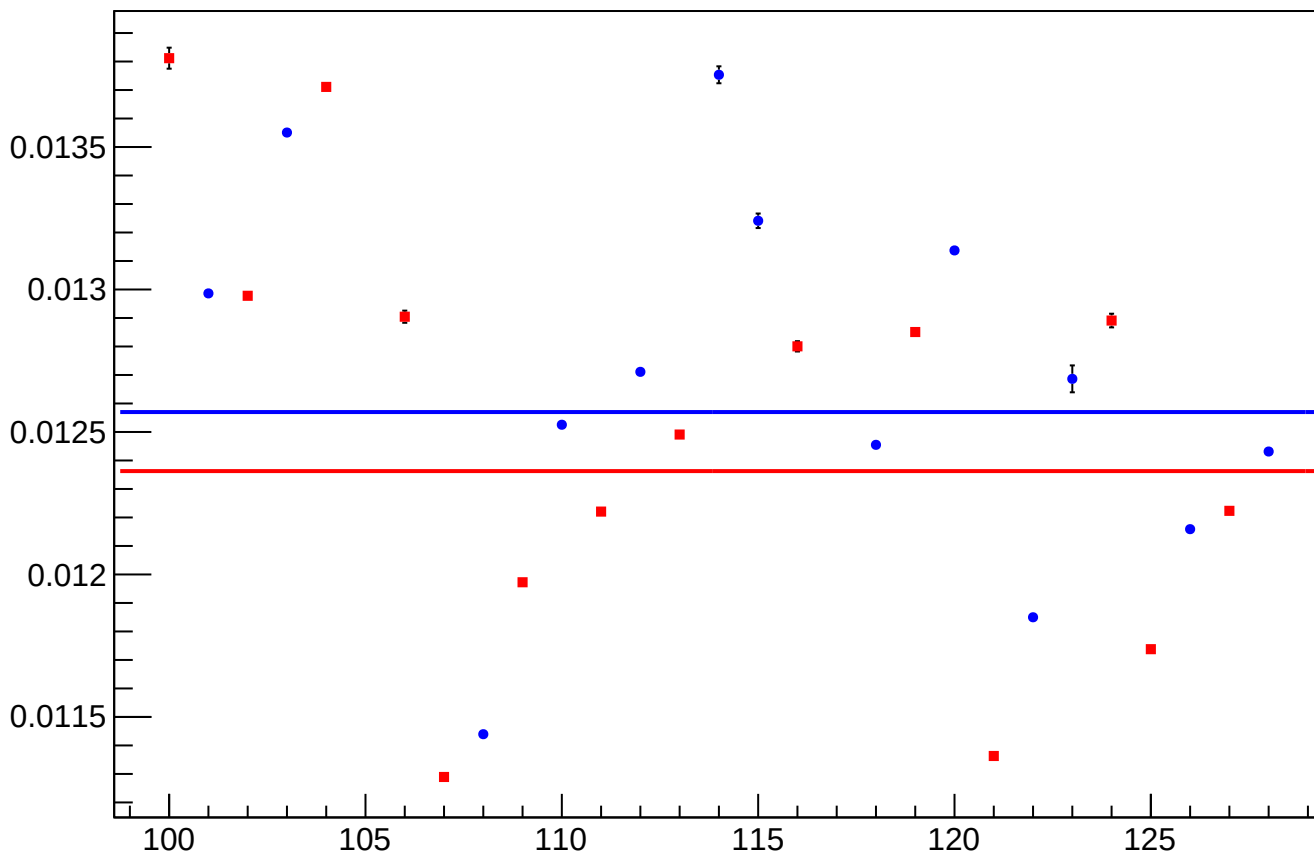
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.615+/-0.000

χ^2/NDF : 5038908382.9/26

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 21993.1/12

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

Right Out: 0.012+/-0.000 χ^2/NDF : 31979.3/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

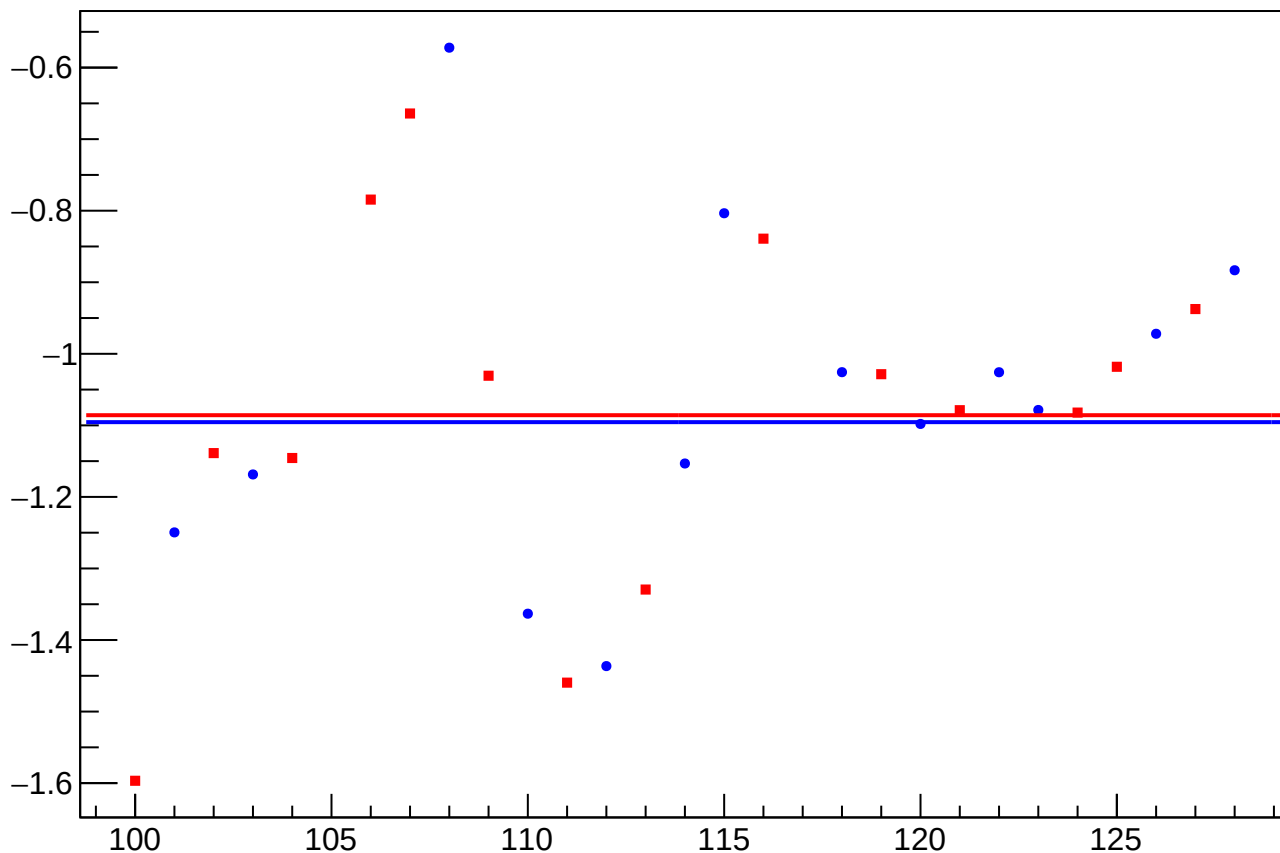
Right: 0.012+/-0.000 χ^2/NDF : 55300.1/26

In: 0.013+/-0.000 χ^2/NDF :21993.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

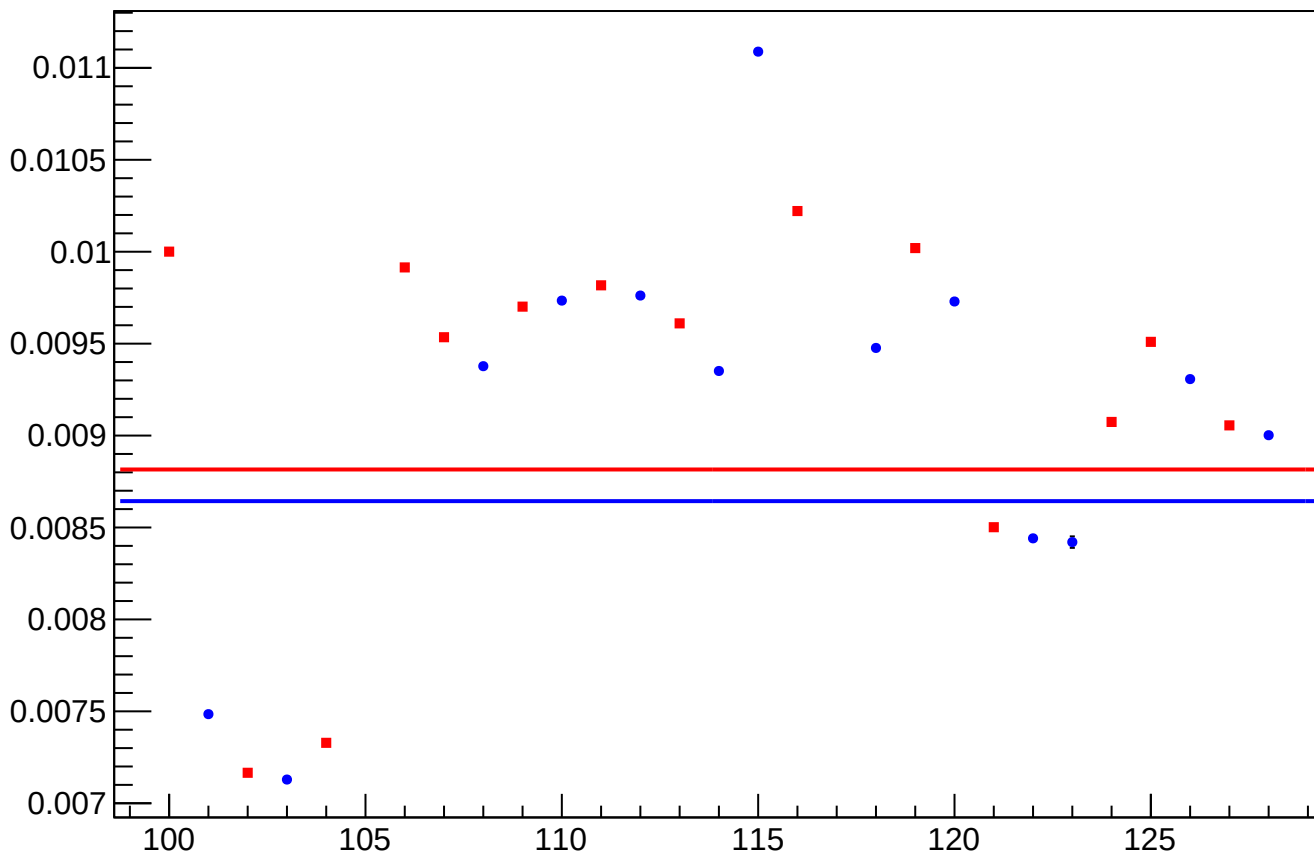
All: 0.012+/-0.000 χ^2/NDF : 55300.1/26

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.096+/-0.000 χ^2/NDF : 2688874927.3/12
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -1.086+/-0.000 χ^2/NDF : 2209259154.9/13
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -1.091+/-0.000 χ^2/NDF : 4900992717.2/26

yield_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 135576.9/12

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

Right Out: 0.009+/-0.000 χ^2/NDF : 153629.8/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

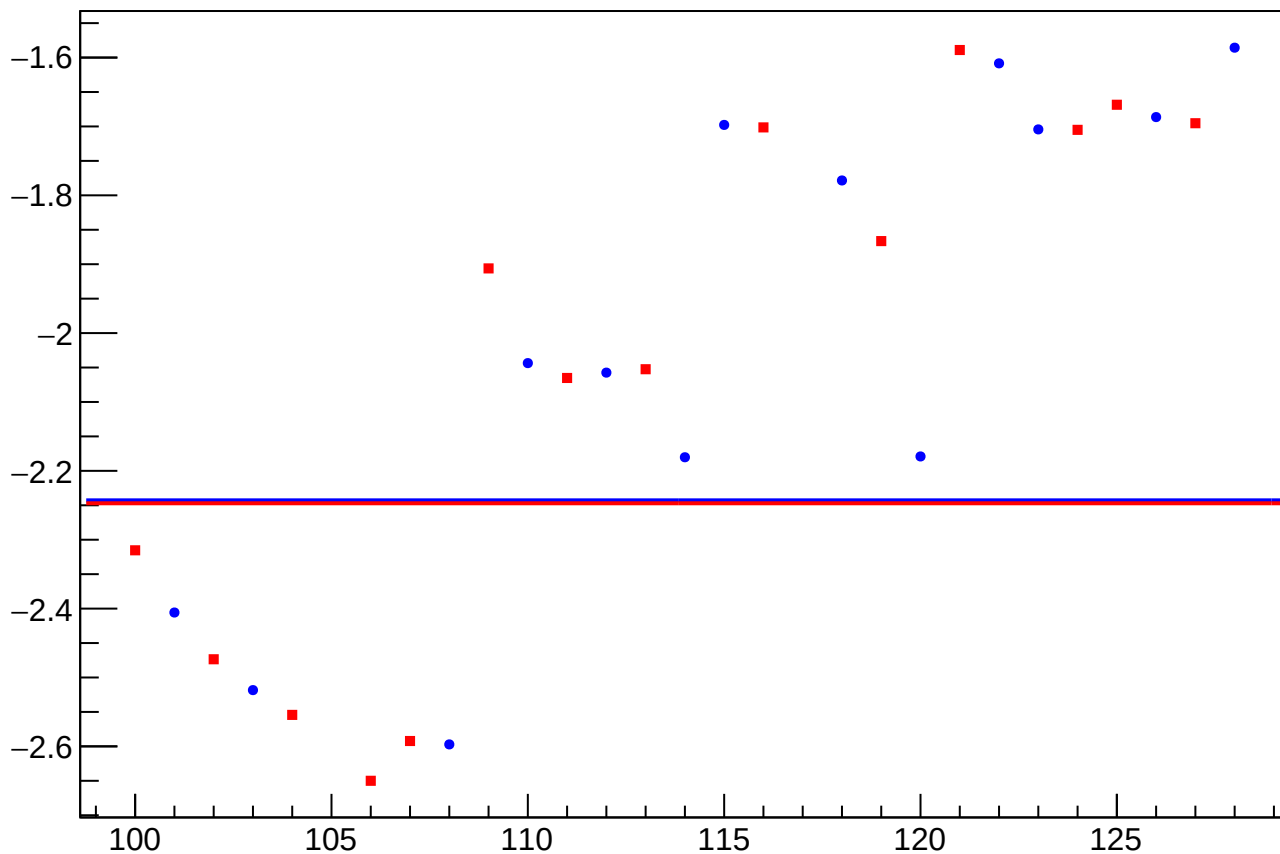
Right: 0.009+/-0.000 χ^2/NDF : 291004.6/26

In: 0.009+/-0.000 χ^2/NDF :135576.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.000 χ^2/NDF : 291004.6/26

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.243+/-0.000 χ^2/NDF : 9378076917.3/12

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

Right Out: -2.247+/-0.000 χ^2/NDF : 10619633460.7/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

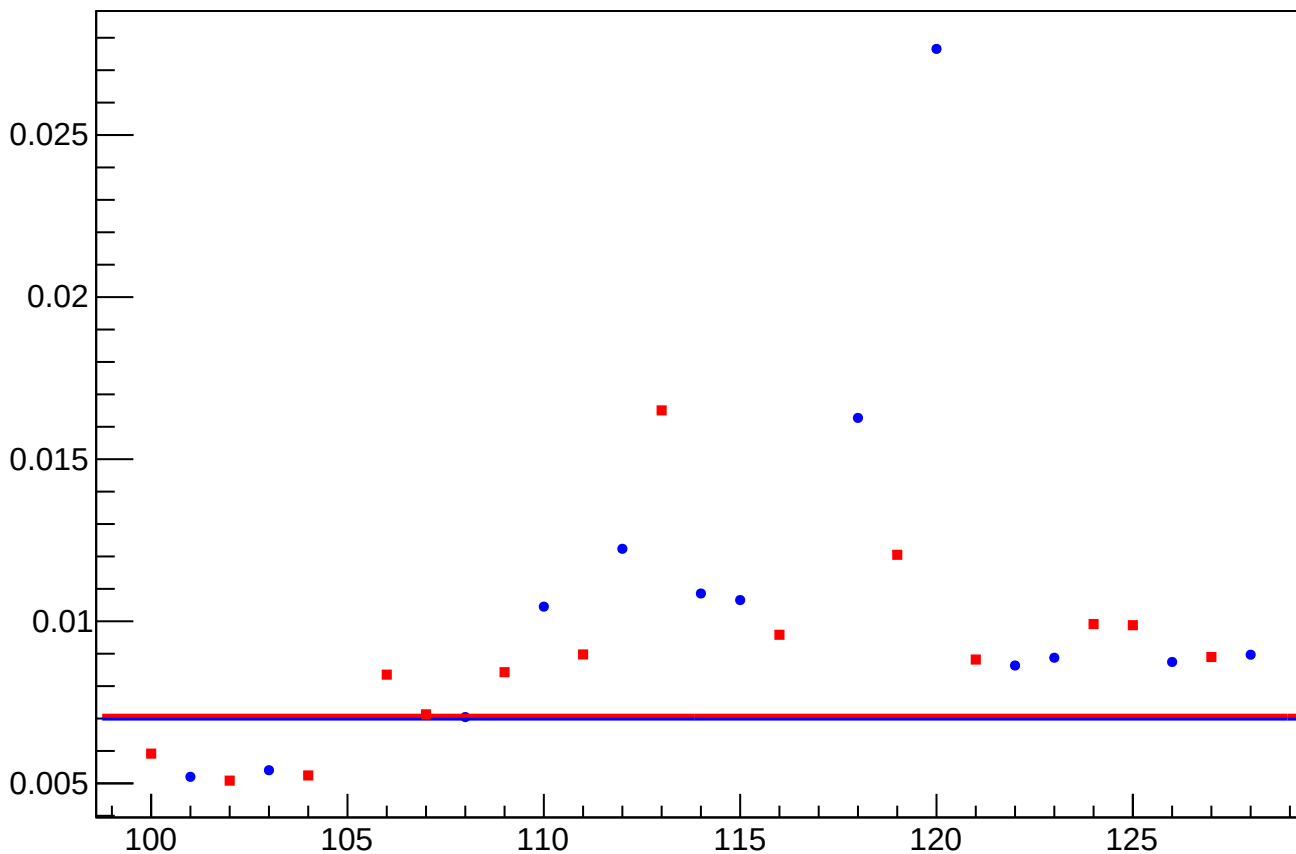
Right: -2.245+/-0.000 χ^2/NDF : 19998379912.5/26

In: -2.243+/-0.000 χ^2/NDF :9378076917.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.245+/-0.000 χ^2/NDF : 19998379912.5/26

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 999468.4/12

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

Right Out: 0.007+/-0.000 χ^2/NDF : 778035.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

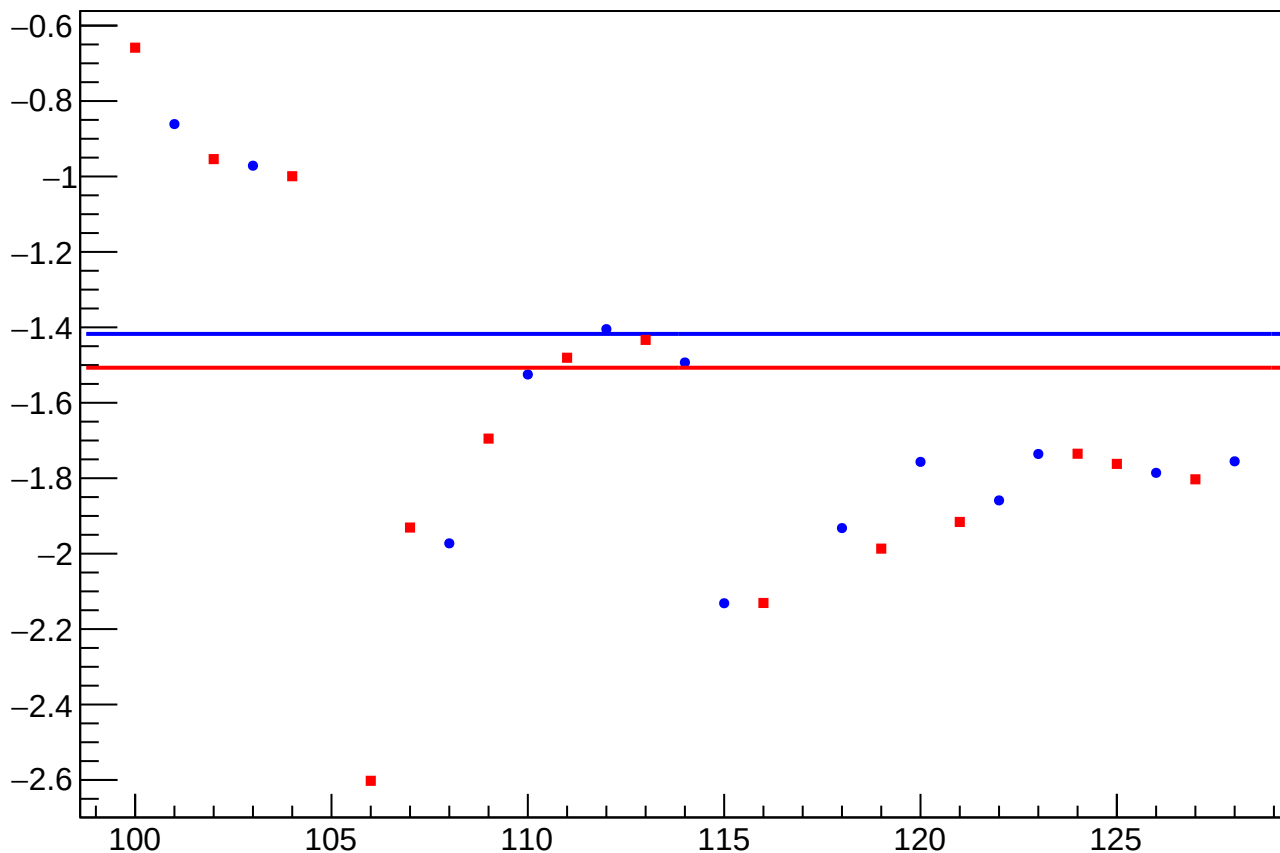
Right: 0.007+/-0.000 χ^2/NDF : 1778092.9/26

In: 0.007+/-0.000 χ^2/NDF :999468.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 1778092.9/26

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.417+/-0.000 χ^2/NDF : 18217417942.3/12

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

Right Out: -1.507+/-0.000 χ^2/NDF : 24797584463.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

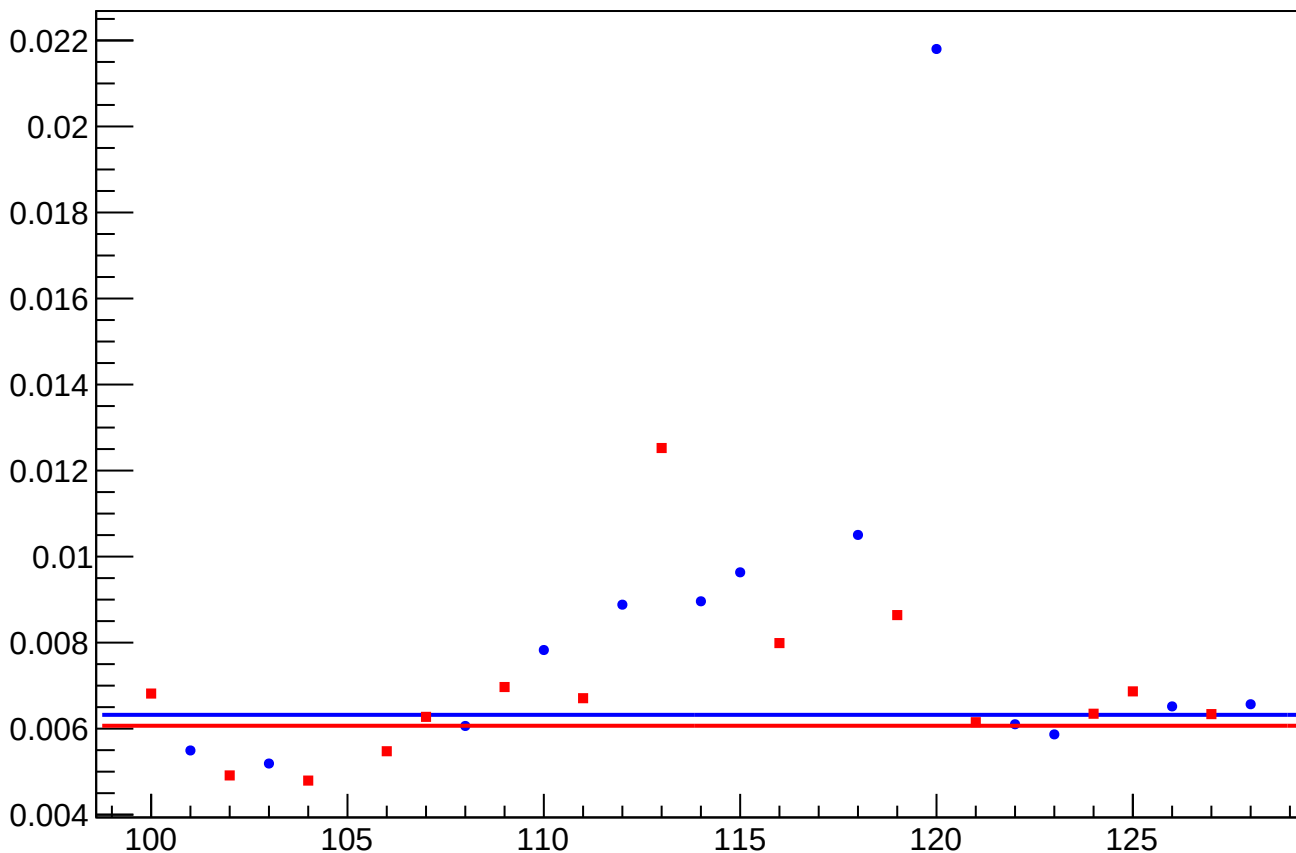
Right: -1.467+/-0.000 χ^2/NDF : 43418920009.5/26

In: -1.417+/-0.000 χ^2/NDF : 18217417942.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.467+/-0.000 χ^2/NDF : 43418920009.5/26

yield_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 518671.2/12

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

Right Out: 0.006+/-0.000 χ^2/NDF : 357057.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

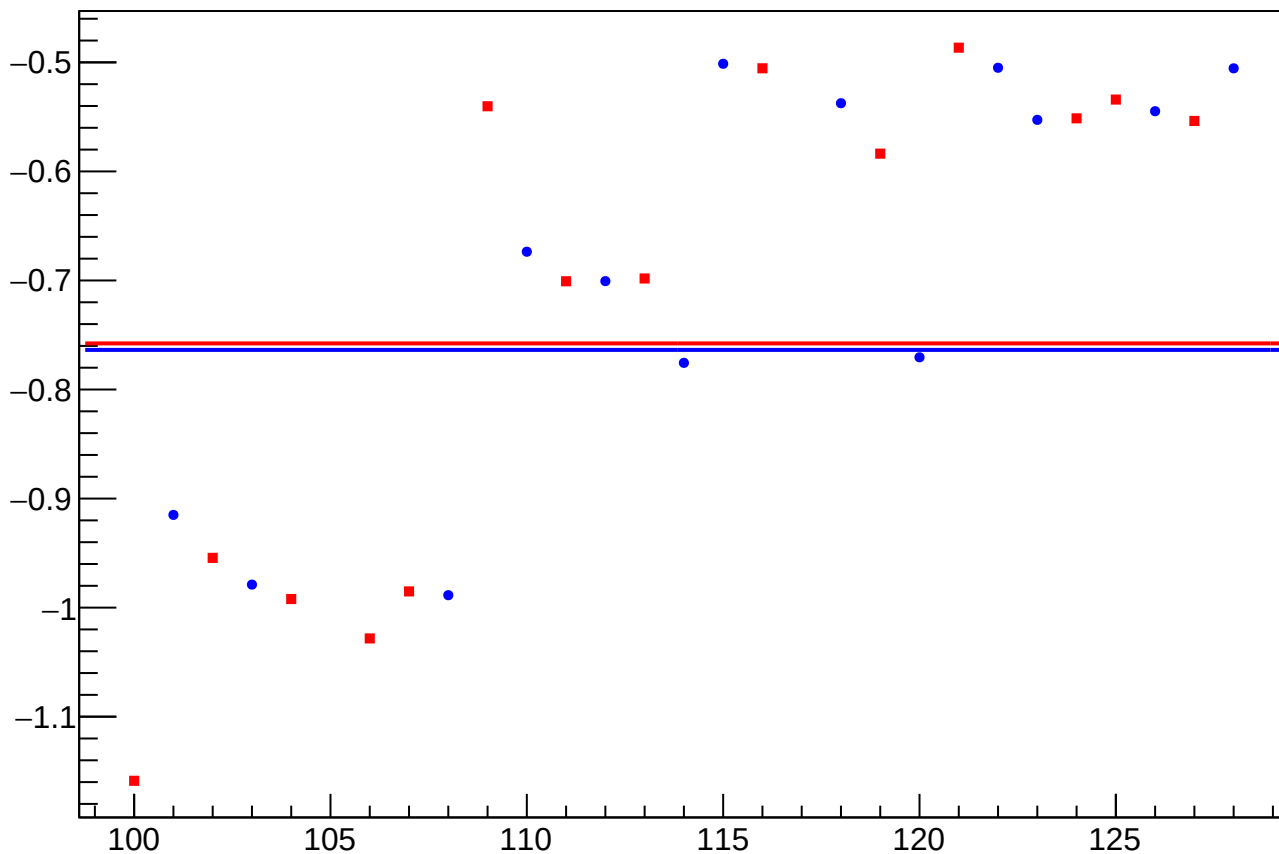
Right: 0.006+/-0.000 χ^2/NDF : 882192.0/26

In: 0.006+/-0.000 χ^2/NDF : 518671.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 882192.0/26

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.764+/-0.000 χ^2/NDF : 6193685284.9/12

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

Right Out: -0.758+/-0.000 χ^2/NDF : 7840292226.3/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

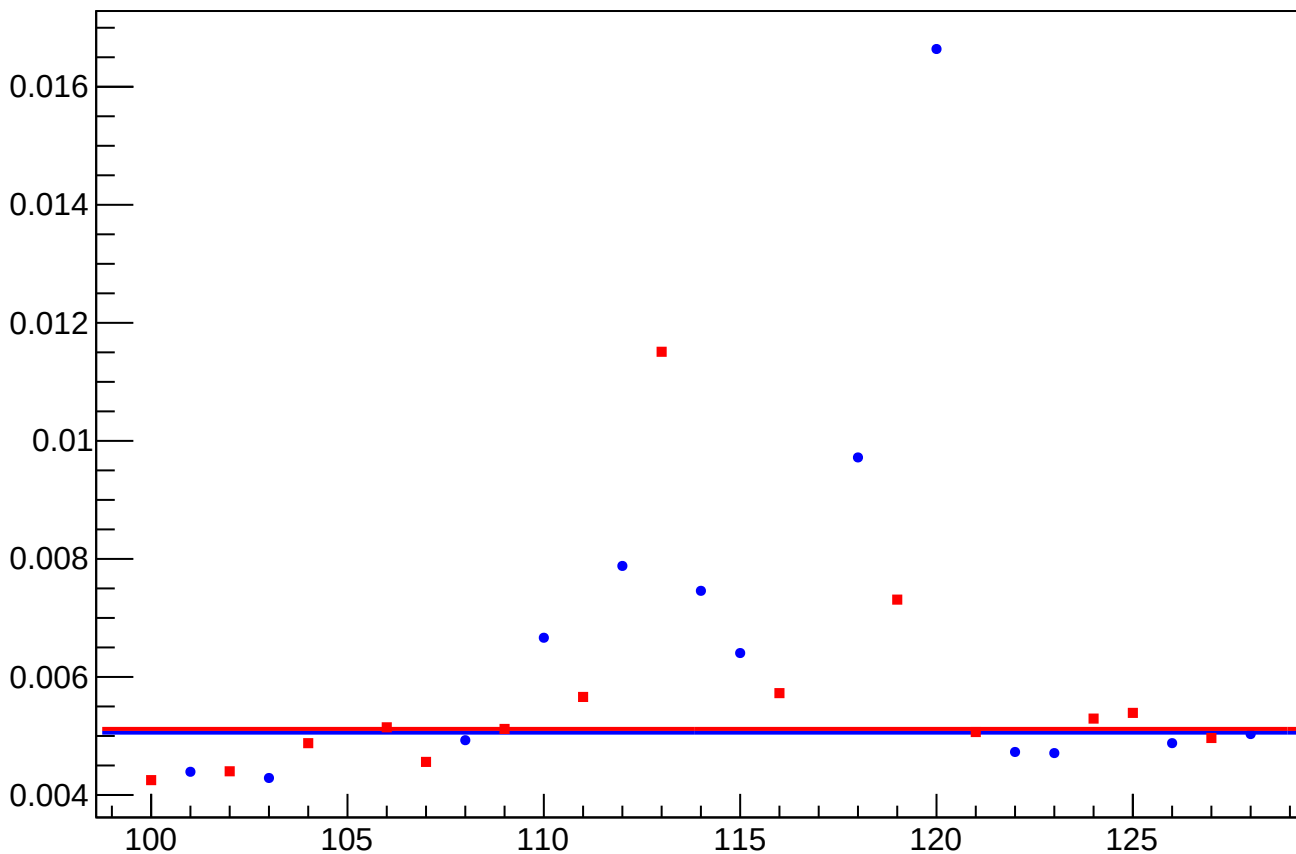
Right: -0.761+/-0.000 χ^2/NDF : 14036652105.8/26

In: -0.764+/-0.000 χ^2/NDF :6193685284.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.761+/-0.000 χ^2/NDF : 14036652105.8/26

yield_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 584930.1/12

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

Right Out: 0.005+/-0.000 χ^2/NDF : 288140.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

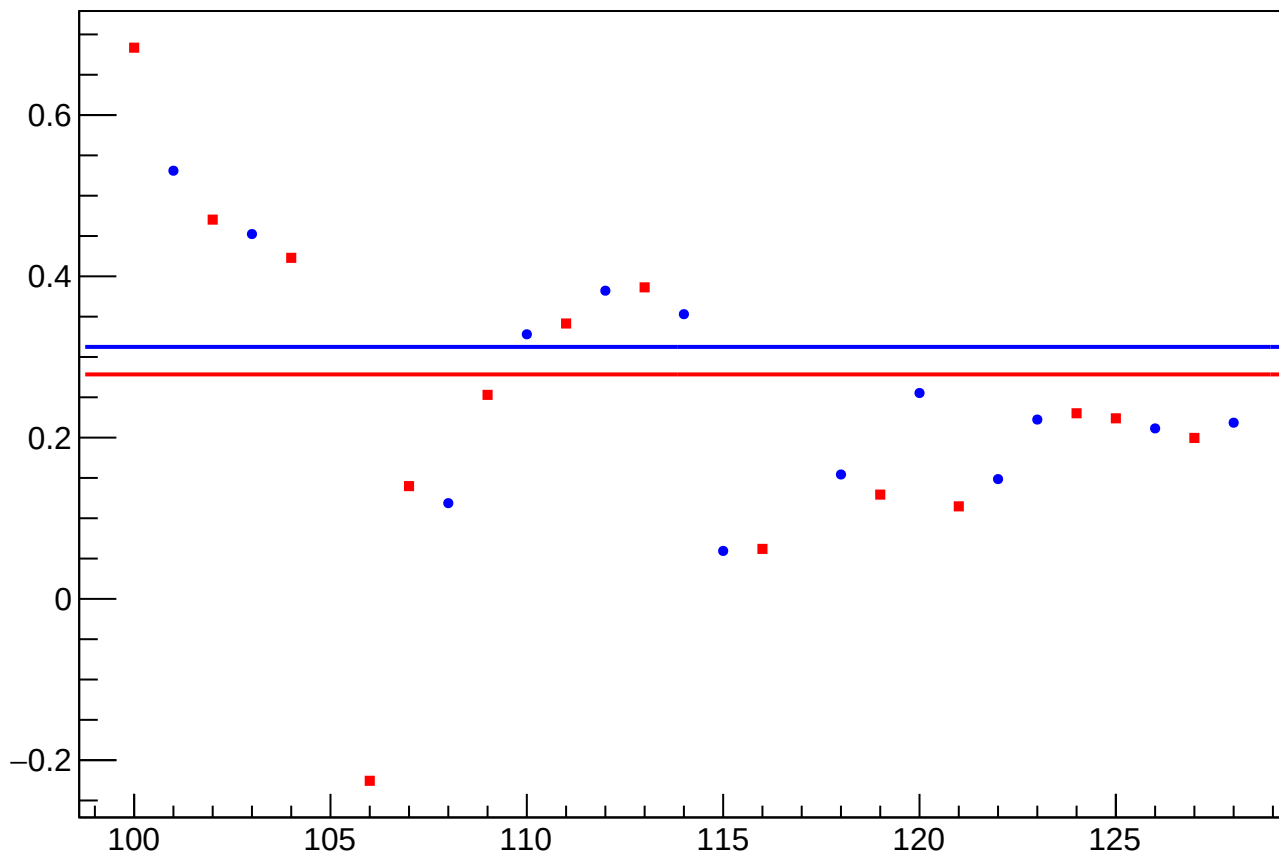
Right: 0.005+/-0.000 χ^2/NDF : 873680.0/26

In: 0.005+/-0.000 χ^2/NDF : 584930.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 873680.0/26

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.312+/-0.000 χ^2/NDF : 5340142007.8/12

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

Right Out: 0.278+/-0.000 χ^2/NDF : 7167281040.8/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

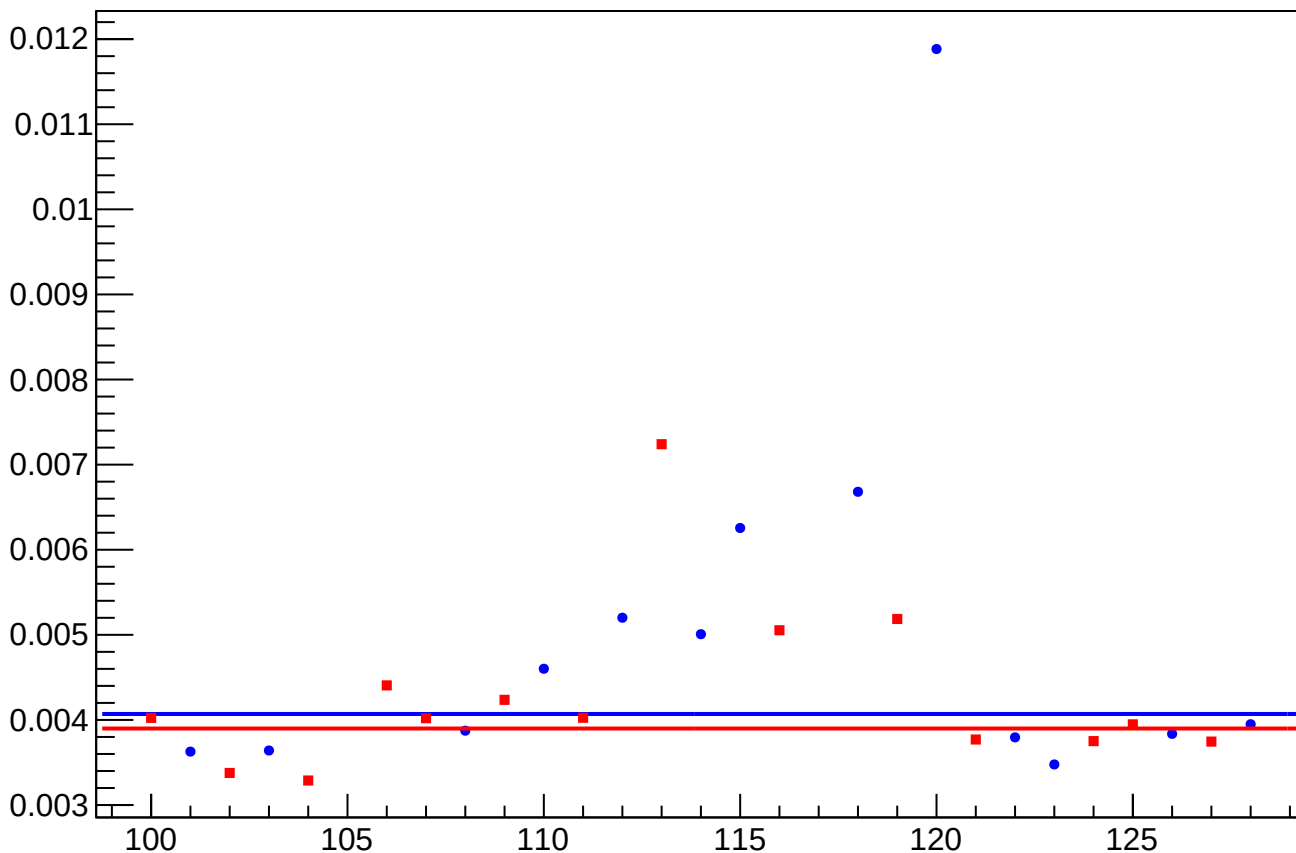
Right: 0.294+/-0.000 χ^2/NDF : 12655026473.0/26

In: 0.312+/-0.000 χ^2/NDF :5340142007.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.294+/-0.000 χ^2/NDF : 12655026473.0/26

yield_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 432238.4/12

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

Right Out: 0.004+/-0.000 χ^2/NDF : 236783.5/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

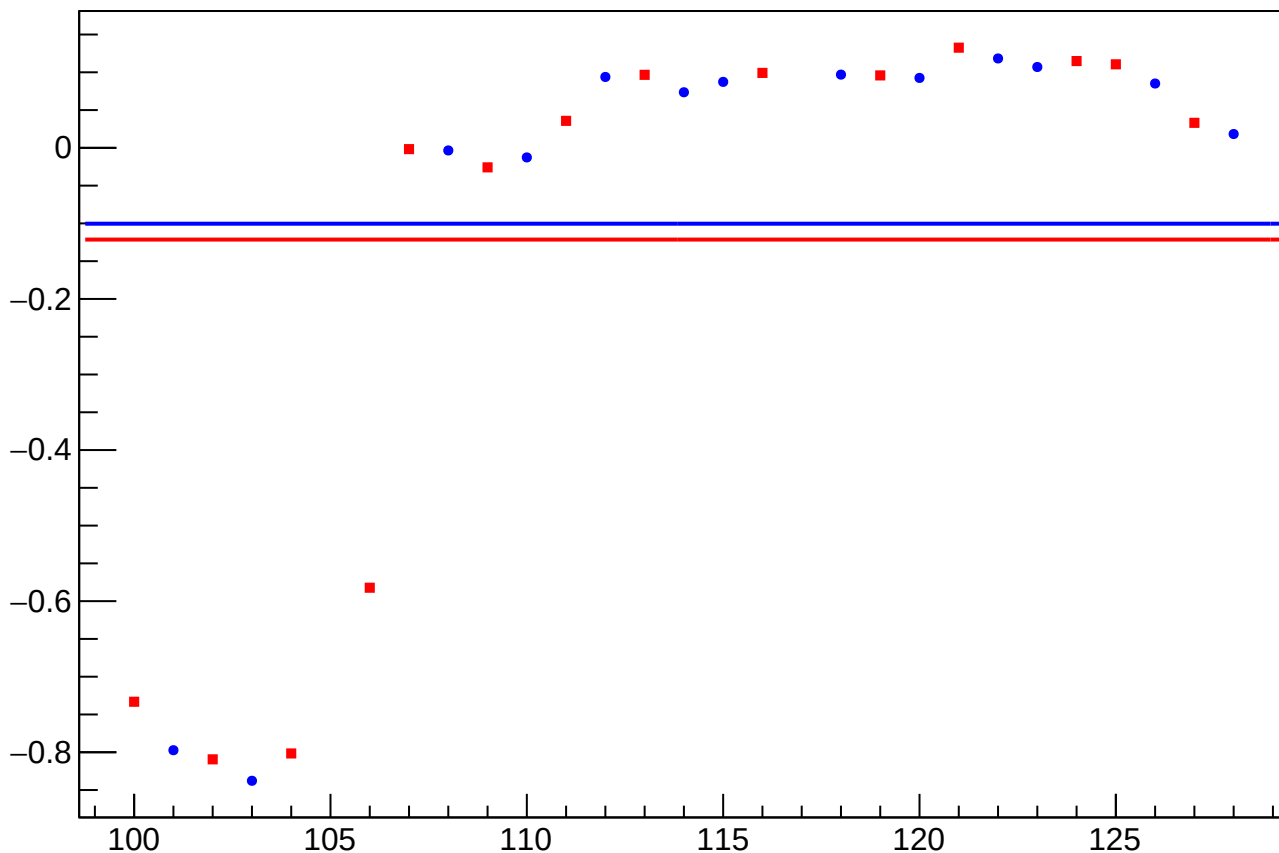
Right: 0.004+/-0.000 χ^2/NDF : 676411.1/26

In: 0.004+/-0.000 χ^2/NDF :432238.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 676411.1/26

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.100+/-0.000 χ^2/NDF : 4932230358.9/12

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

Right Out: -0.121+/-0.000 χ^2/NDF : 5462742881.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

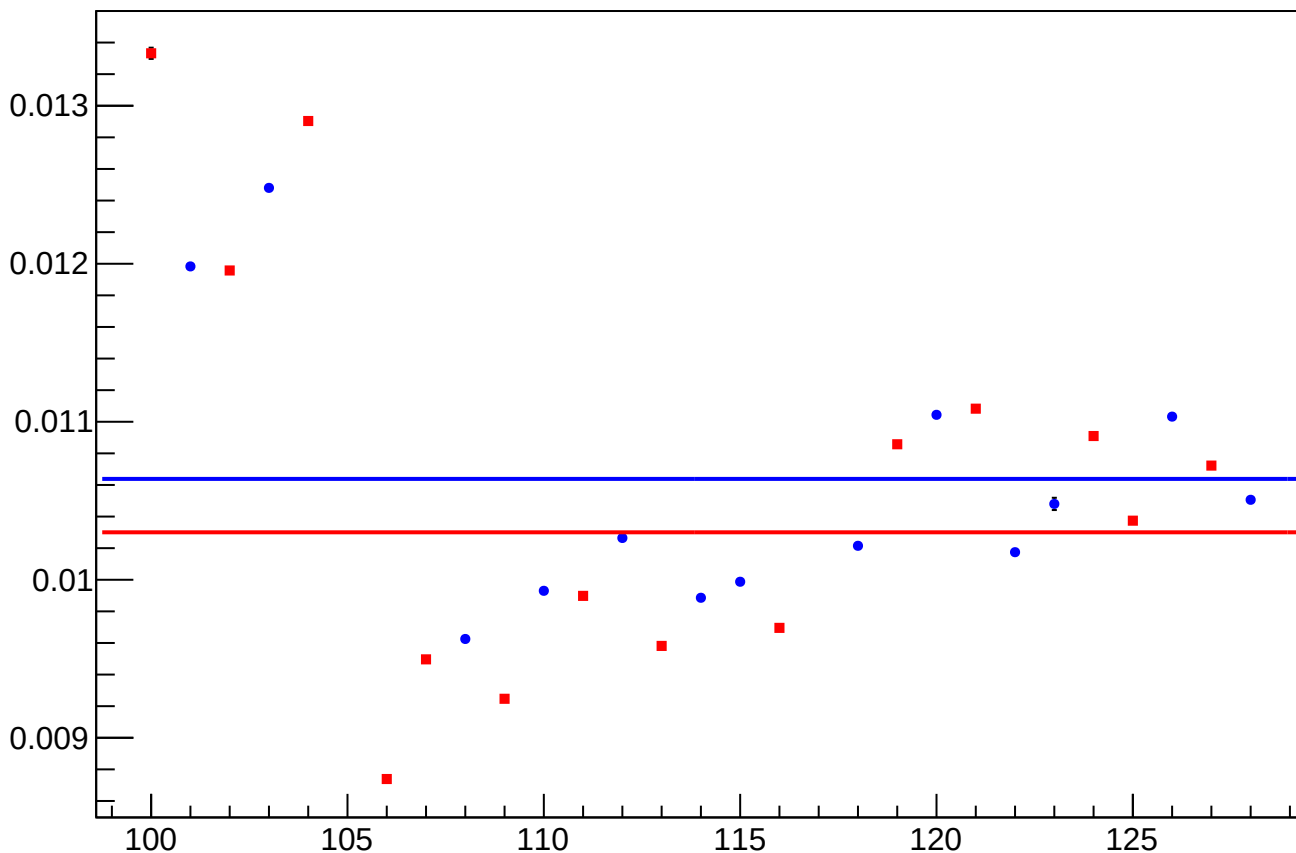
Right: -0.112+/-0.000 χ^2/NDF : 10404850990.6/26

In: -0.100+/-0.000 χ^2/NDF :4932230358.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.112+/-0.000 χ^2/NDF : 10404850990.6/26

yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 60362.7/12

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

Right Out: 0.010+/-0.000 χ^2/NDF : 123087.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

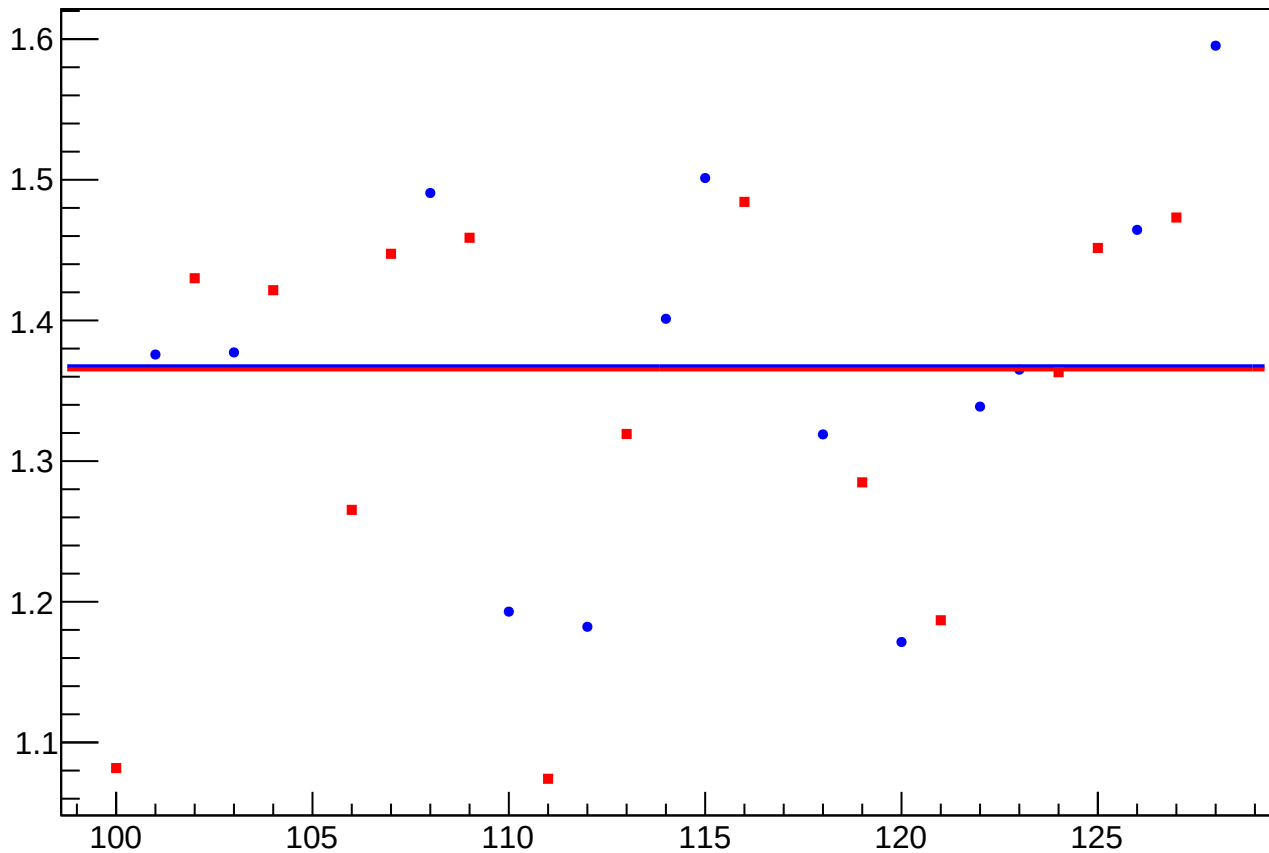
Right: 0.010+/-0.000 χ^2/NDF : 188563.0/26

In: 0.011+/-0.000 χ^2/NDF : 60362.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 188563.0/26

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.367+/-0.000 χ^2/NDF : 1294883152.3/12

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

Right Out: 1.365+/-0.000 χ^2/NDF : 1405747164.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

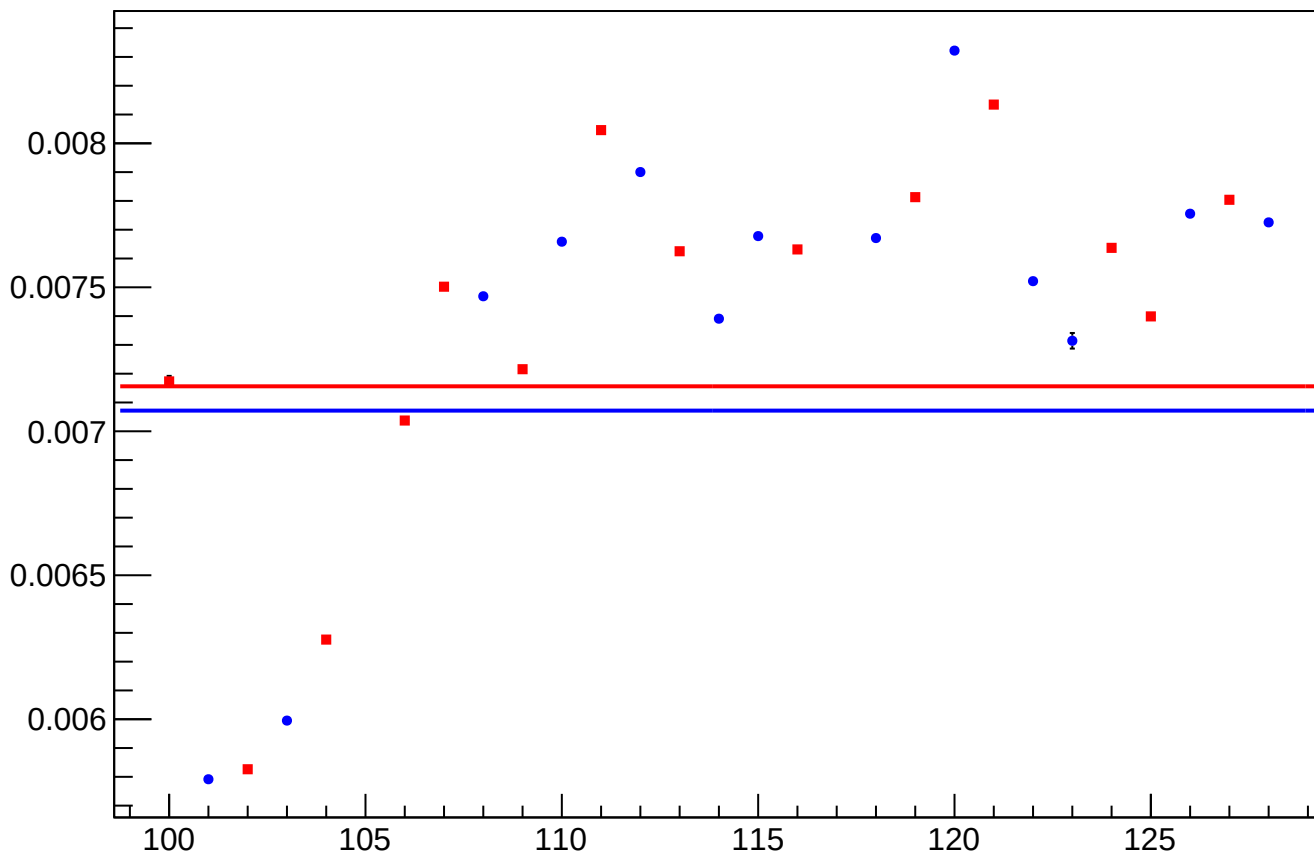
Right: 1.366+/-0.000 χ^2/NDF : 2700876557.3/26

In: 1.367+/-0.000 χ^2/NDF :1294883152.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.366+/-0.000 χ^2/NDF : 2700876557.3/26

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 148379.4/12

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

Right Out: 0.007+/-0.000 χ^2/NDF : 119042.1/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

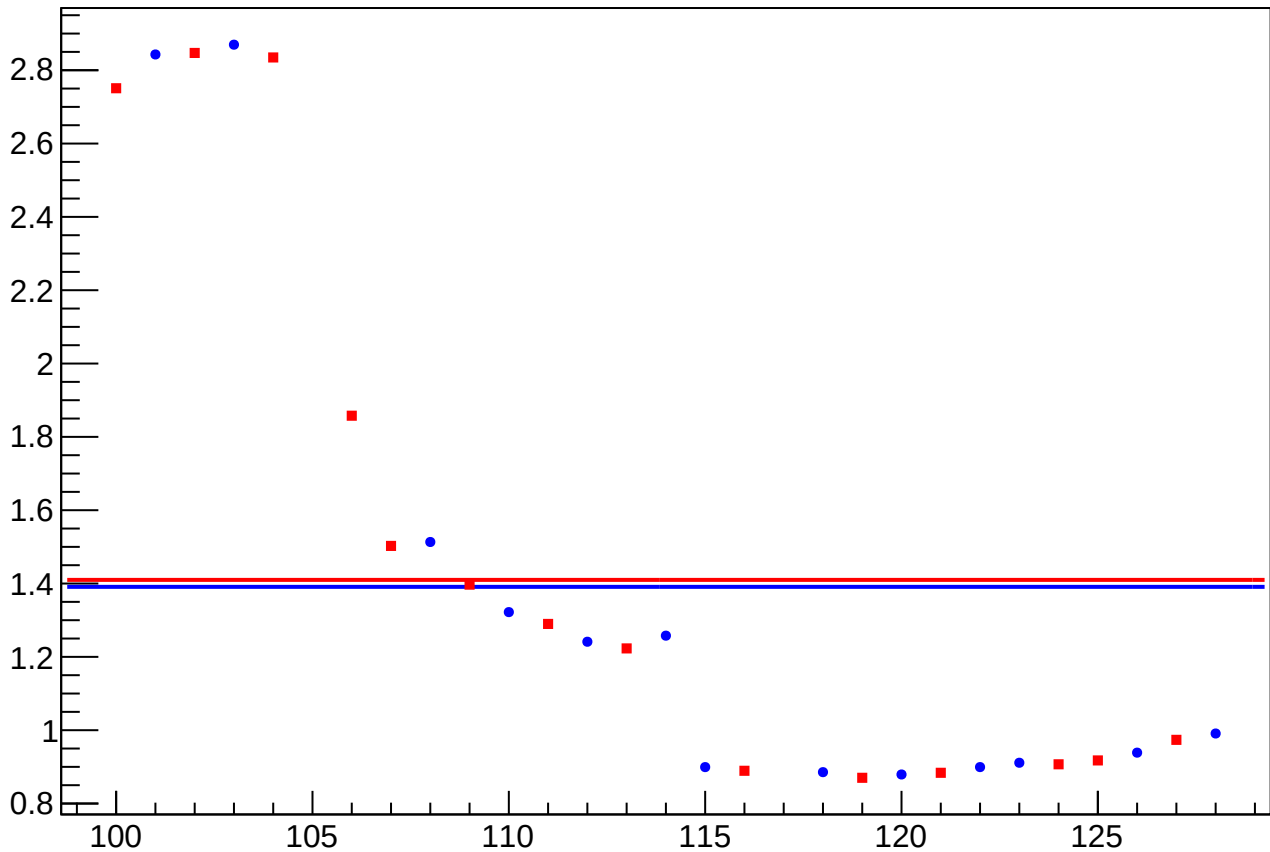
Right: 0.007+/-0.000 χ^2/NDF : 268109.2/26

In: 0.007+/-0.000 χ^2/NDF :148379.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 268109.2/26

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 1.391+/-0.000 χ^2/NDF : 49072054356.2/12

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

Right Out: 1.410+/-0.000 χ^2/NDF : 45329046861.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

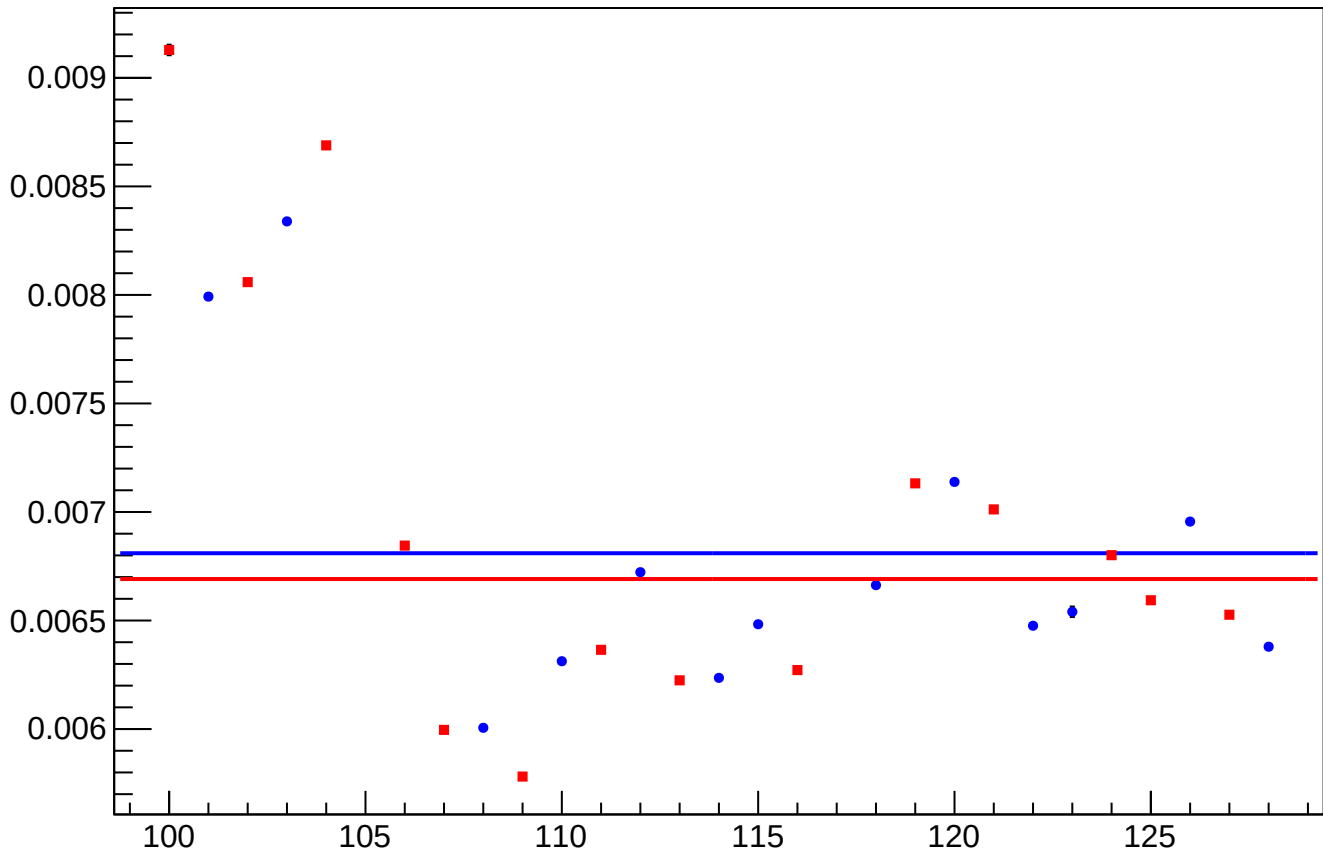
Right: 1.401+/-0.000 χ^2/NDF : 94420474940.4/26

In: 1.391+/-0.000 χ^2/NDF : 49072054356.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.401+/-0.000 χ^2/NDF : 94420474940.4/26

yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 93178.0/12

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

Right Out: 0.007+/-0.000 χ^2/NDF : 144536.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

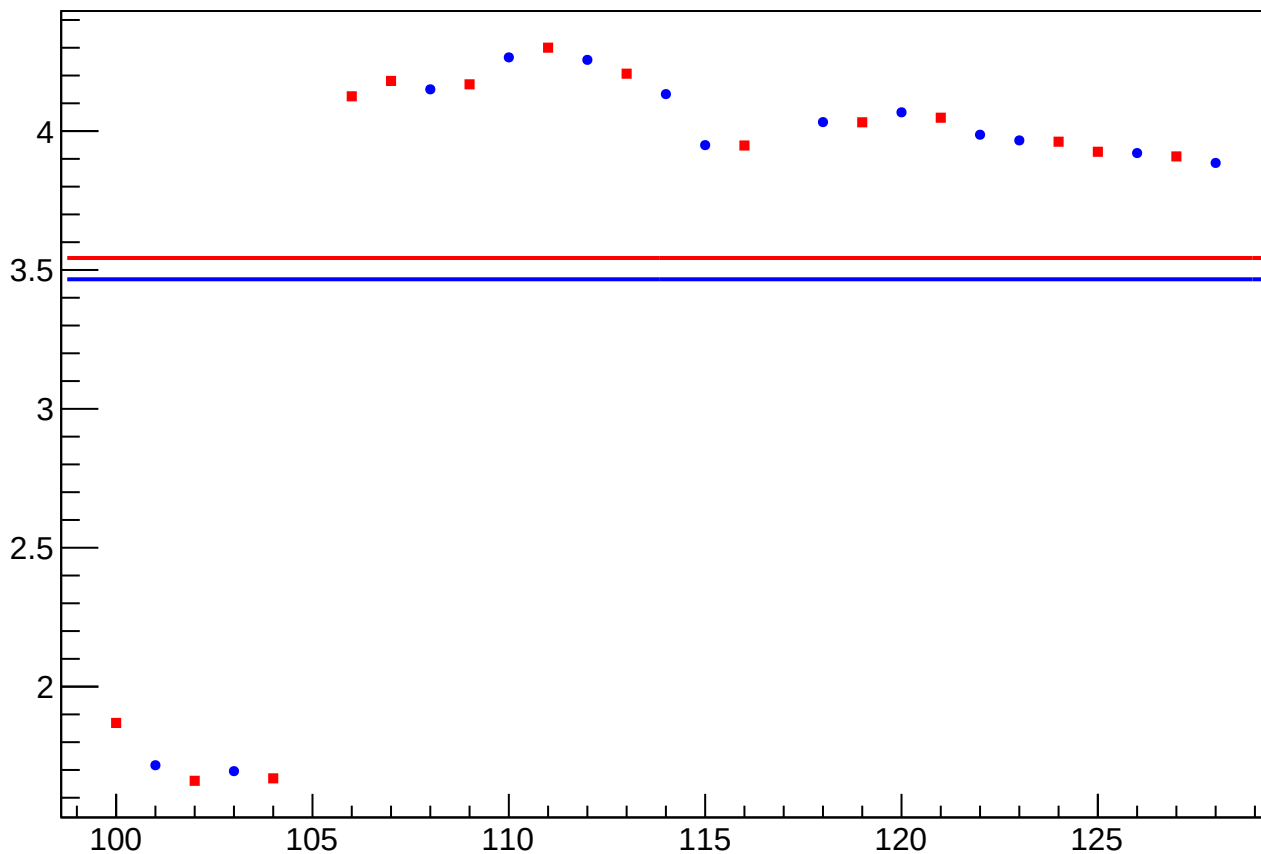
Right: 0.007+/-0.000 χ^2/NDF : 239232.0/26

In: 0.007+/-0.000 χ^2/NDF : 93178.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

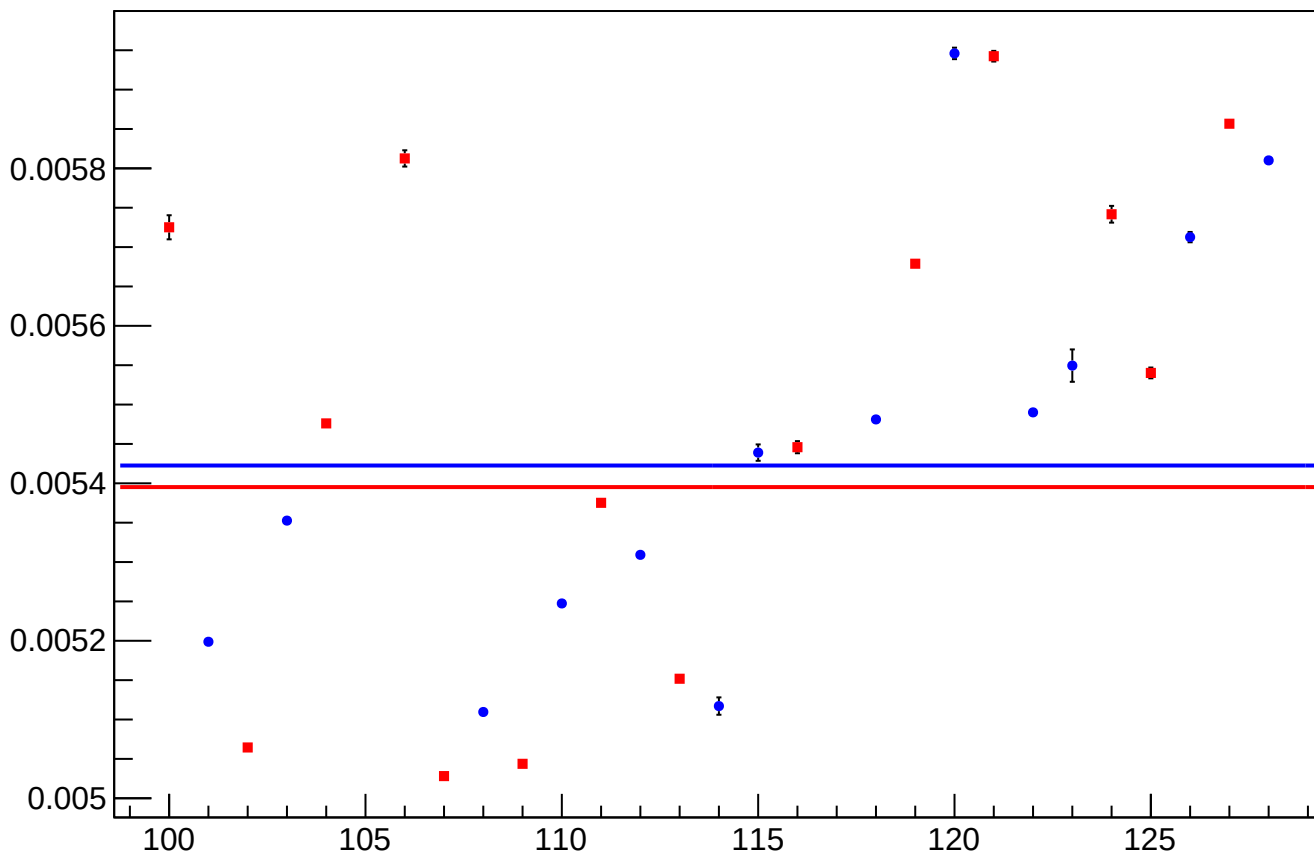
All: 0.007+/-0.000 χ^2/NDF : 239232.0/26

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 3.466+/-0.000 χ^2/NDF : 173659802255.5/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 3.543+/-0.000 χ^2/NDF : 181703534983.9/13
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 3.506+/-0.000 χ^2/NDF : 355854542627.1/26
 In: 3.466+/-0.000 χ^2/NDF : 173659802255.5/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 3.506+/-0.000 χ^2/NDF : 355854542627.1

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 18994.4/12

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

Right Out: 0.005+/-0.000 χ^2/NDF : 33800.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

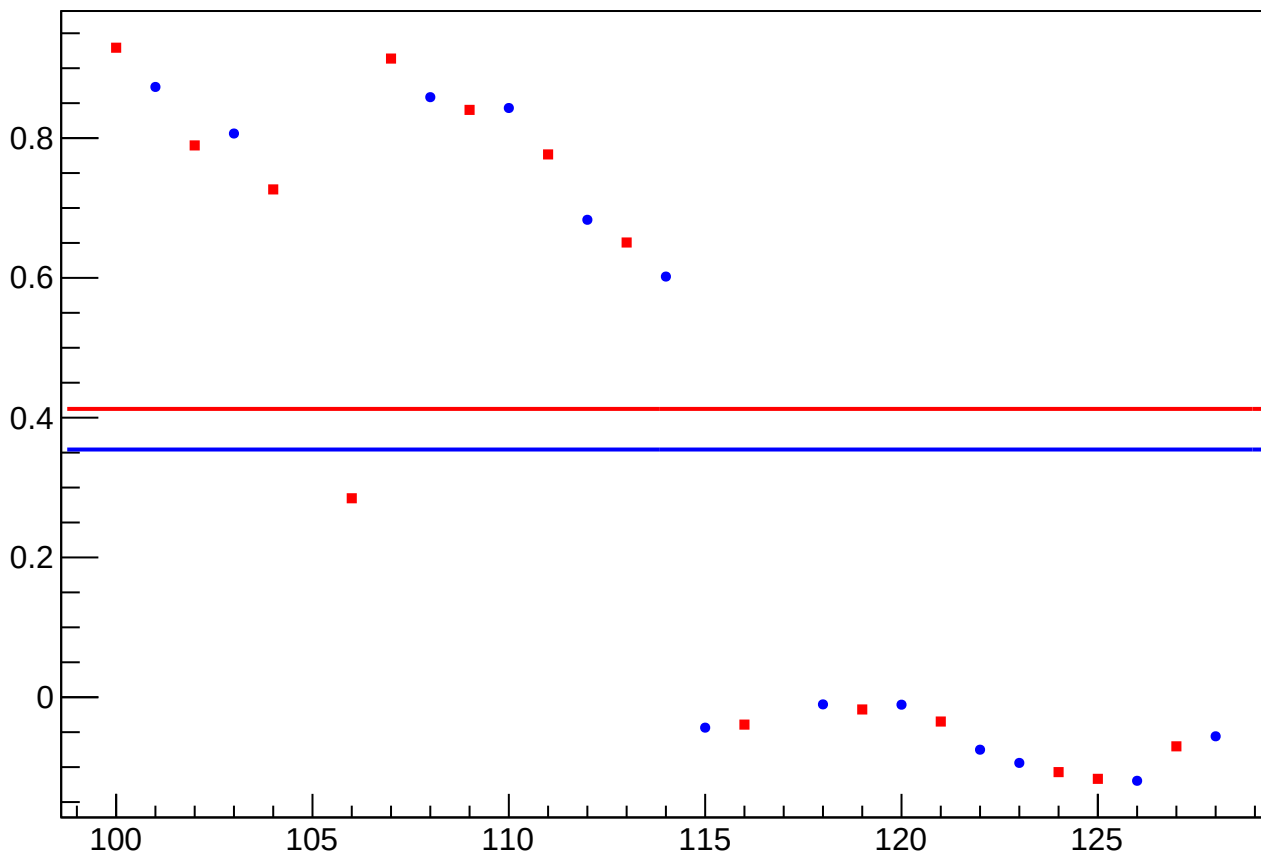
Right: 0.005+/-0.000 χ^2/NDF : 52920.4/26

In: 0.005+/-0.000 χ^2/NDF : 18994.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 52920.4/26

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.354+/-0.000 χ^2/NDF : 4463140417.4/12

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

Right Out: 0.413+/-0.000 χ^2/NDF : 4458906119.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

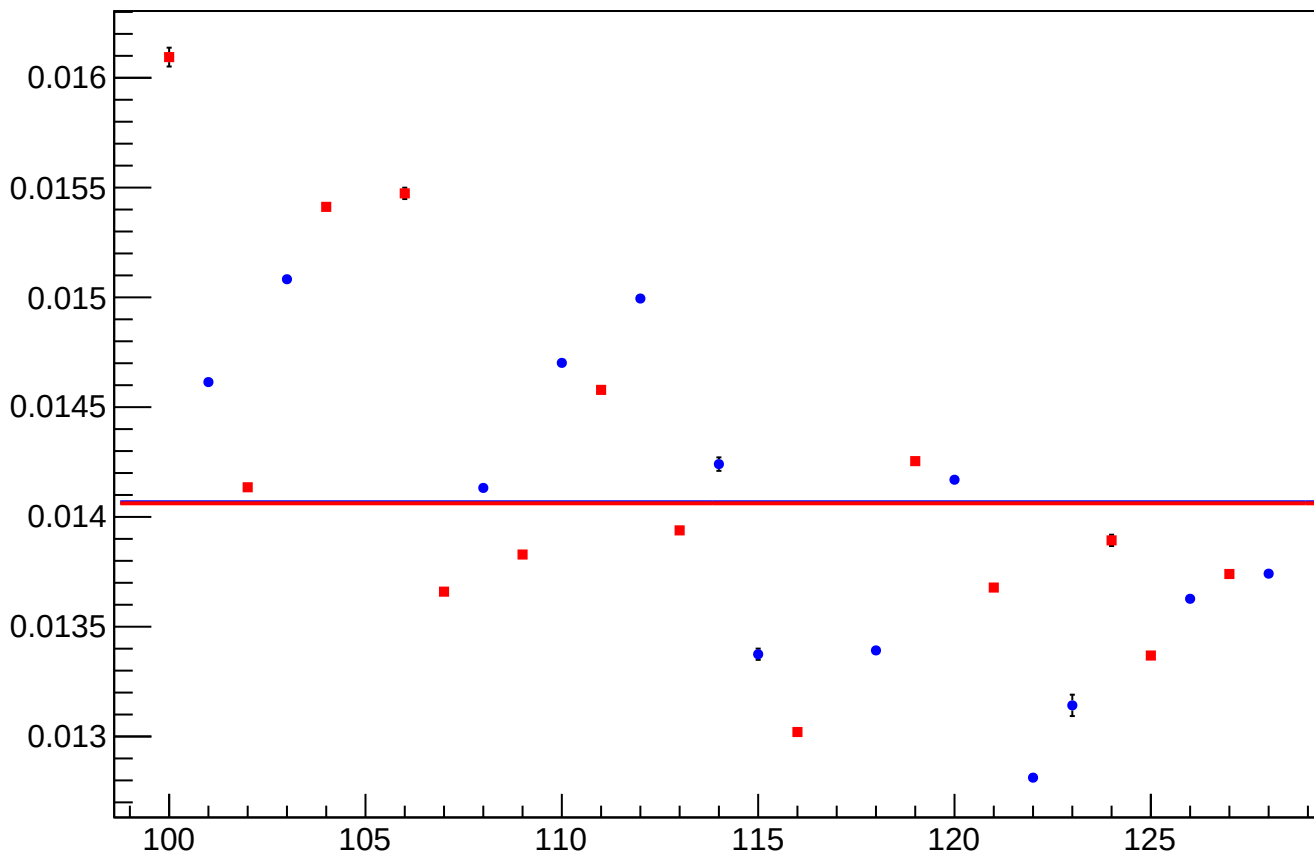
Right: 0.385+/-0.000 χ^2/NDF : 8963726902.7/26

In: 0.354+/-0.000 χ^2/NDF :4463140417.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.385+/-0.000 χ^2/NDF : 8963726902.7/26

yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 24405.4/12

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

Right Out: 0.014+/-0.000 χ^2/NDF : 21054.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

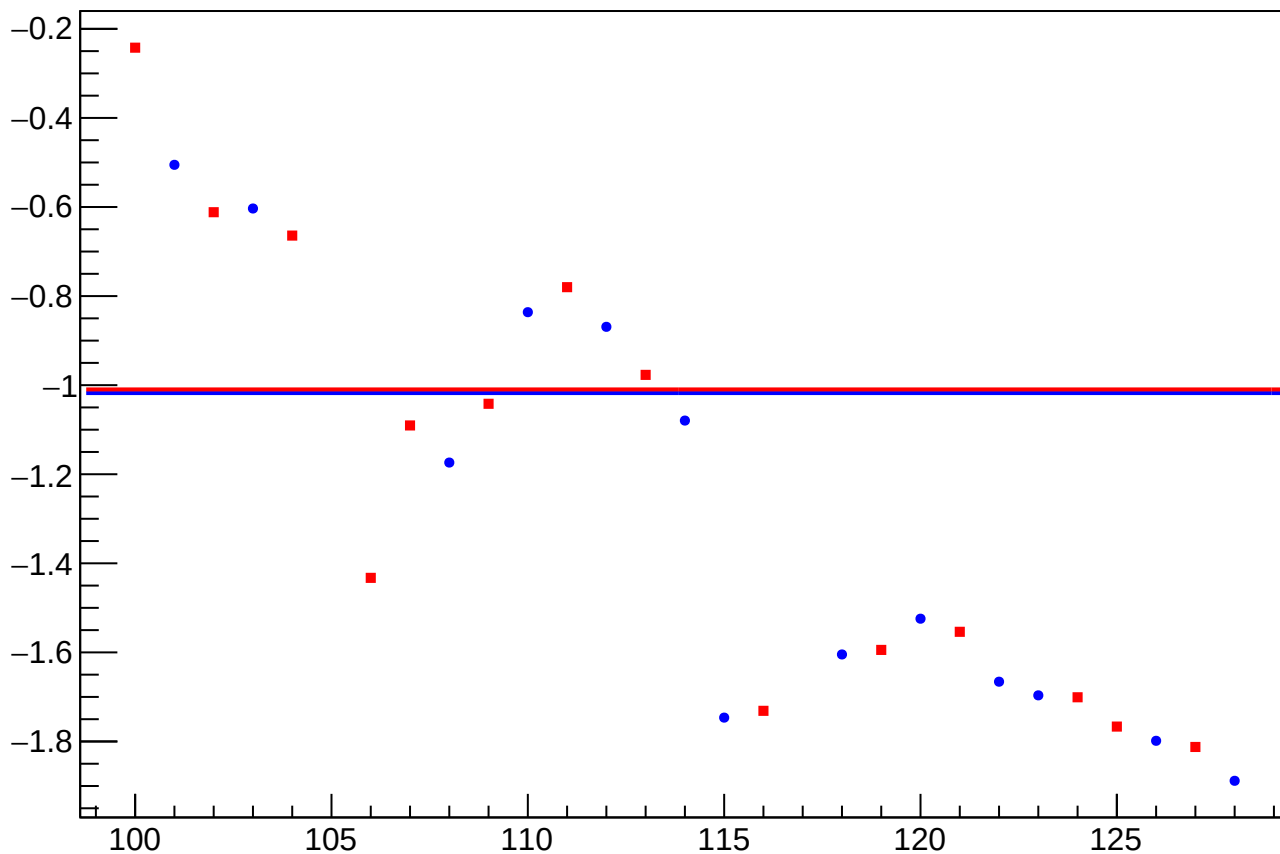
Right: 0.014+/-0.000 χ^2/NDF : 45460.3/26

In: 0.014+/-0.000 χ^2/NDF : 24405.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 45460.3/26

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -1.018+/-0.000 χ^2/NDF : 40137439831.9/12

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

Right Out: -1.010+/-0.000 χ^2/NDF : 32280928742.2/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

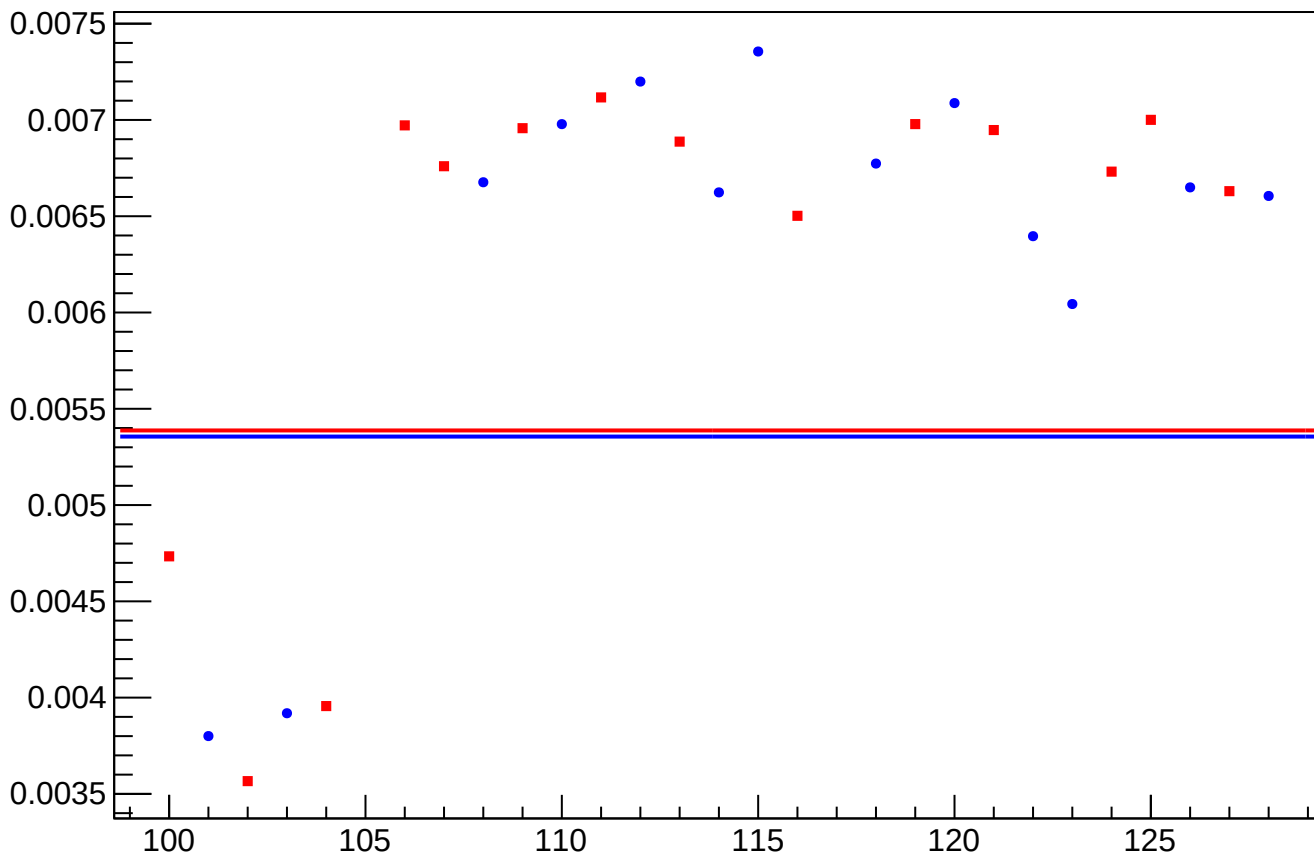
Right: -1.014+/-0.000 χ^2/NDF : 72423334002.9/26

In: -1.018+/-0.000 χ^2/NDF :40137439831.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.014+/-0.000 χ^2/NDF : 72423334002.9/26

yield_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 626500.8/12

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

Right Out: 0.005+/-0.000 χ^2/NDF : 744420.7/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

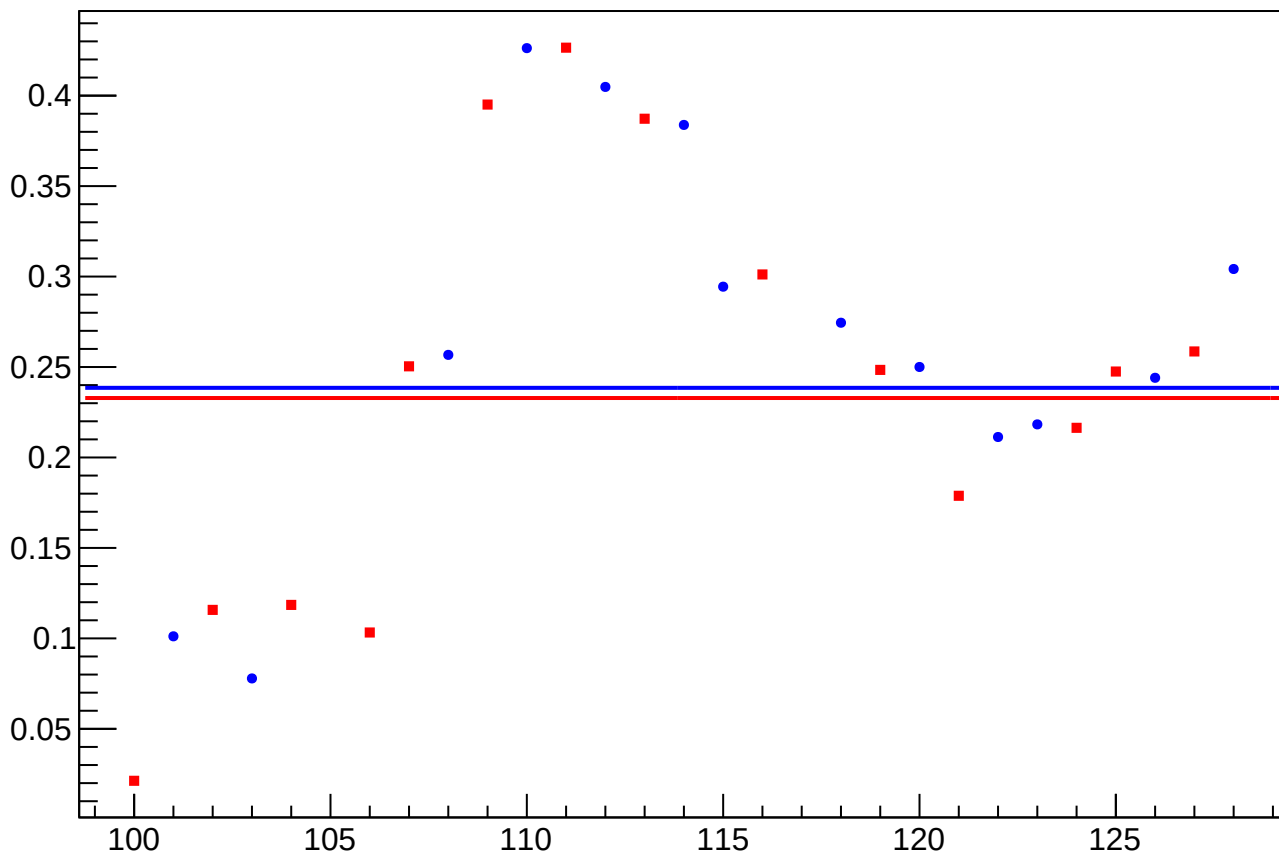
Right: 0.005+/-0.000 χ^2/NDF : 1371071.0/26

In: 0.005+/-0.000 χ^2/NDF :626500.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1371071.0/26

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.238+/-0.000

χ^2/NDF : 18874223576.6/12

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.235+/-0.000

χ^2/NDF : 42612454294.2/26

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.238+/-0.000

χ^2/NDF : 18874223576.6/12

Right Out: 0.233+/-0.000

χ^2/NDF : 23709140420.2/13

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

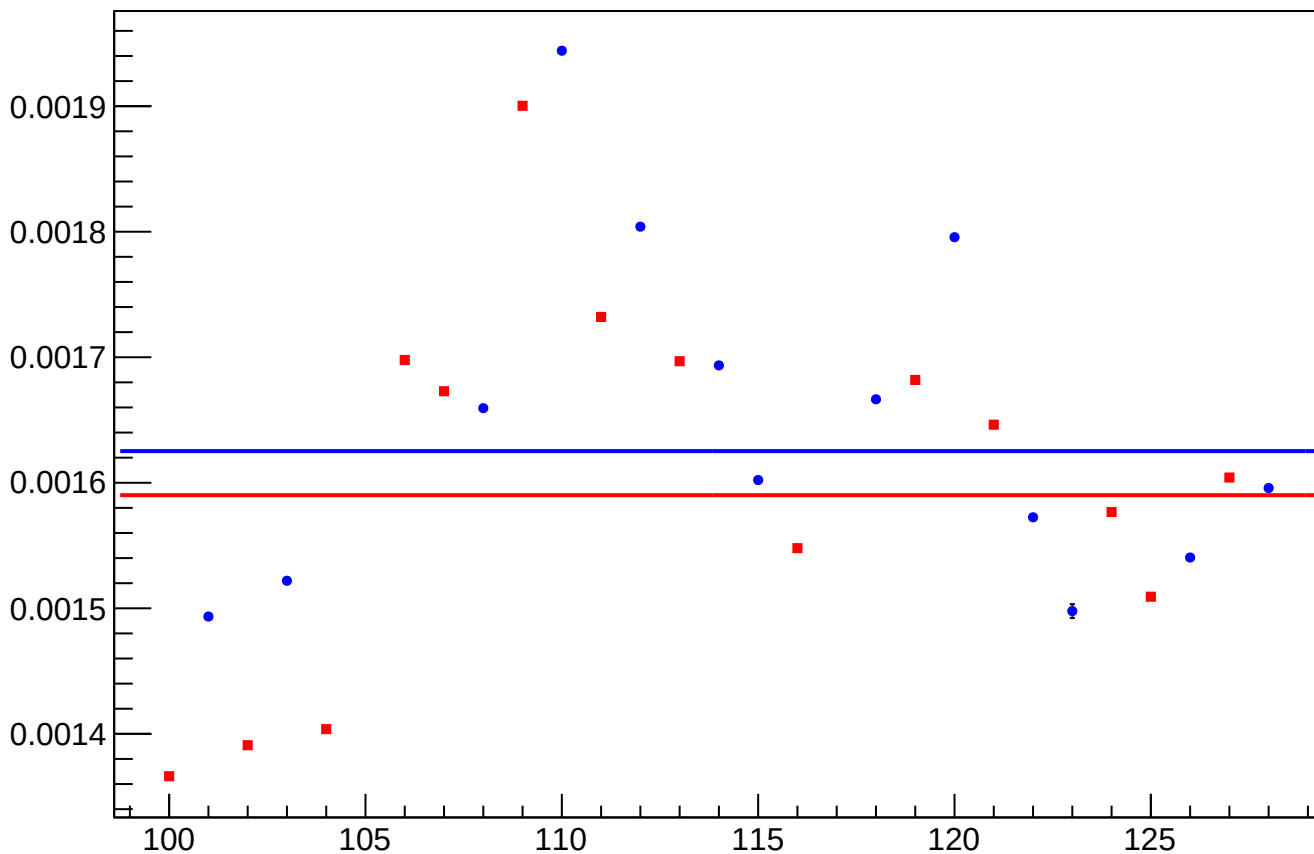
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.235+/-0.000

χ^2/NDF : 42612454294.2/26

yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 49570.2/12

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

Right Out: 0.002+/-0.000 χ^2/NDF : 87676.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

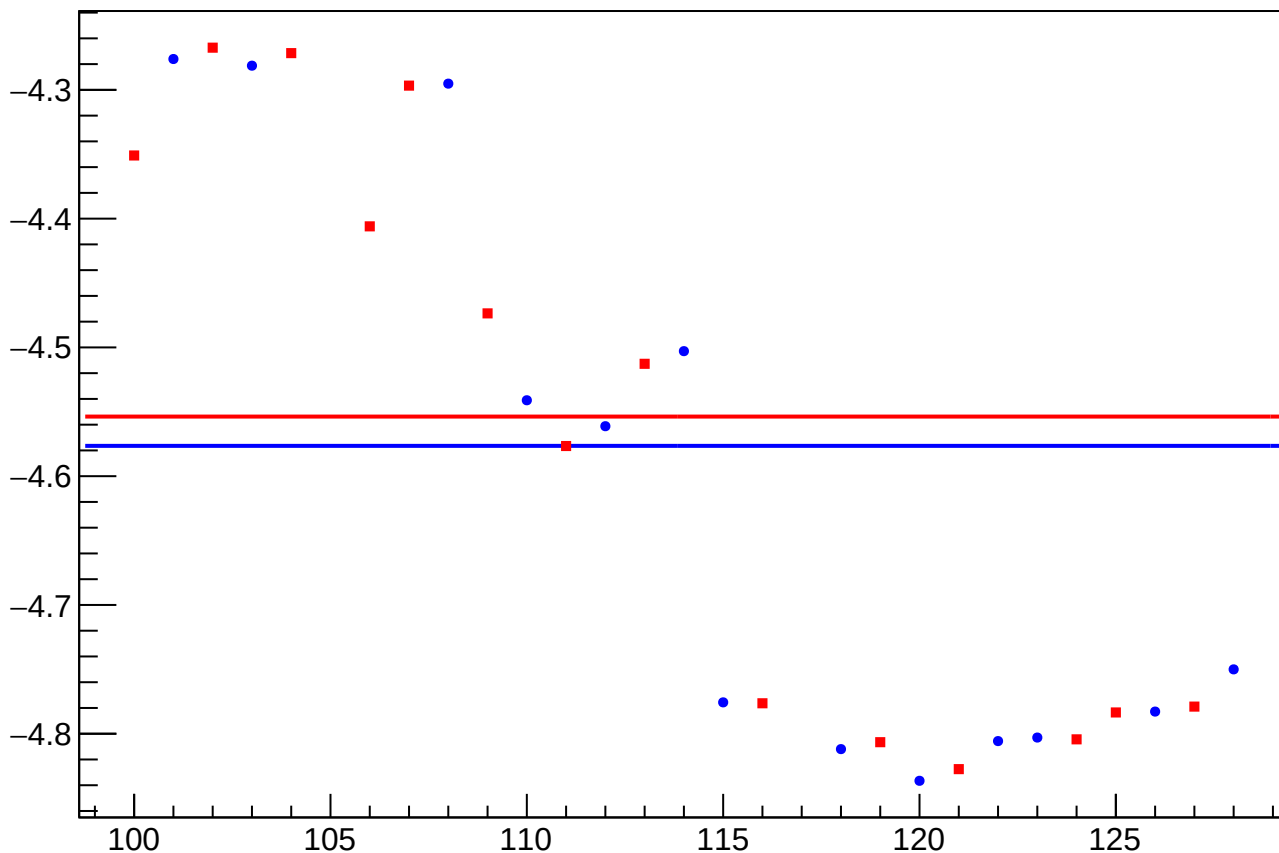
Right: 0.002+/-0.000 χ^2/NDF : 139508.1/26

In: 0.002+/-0.000 χ^2/NDF : 49570.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 139508.1/26

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.576+/-0.000 χ^2/NDF : 69270208395.0/12

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

Right Out: -4.554+/-0.000 χ^2/NDF : 65522764755.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

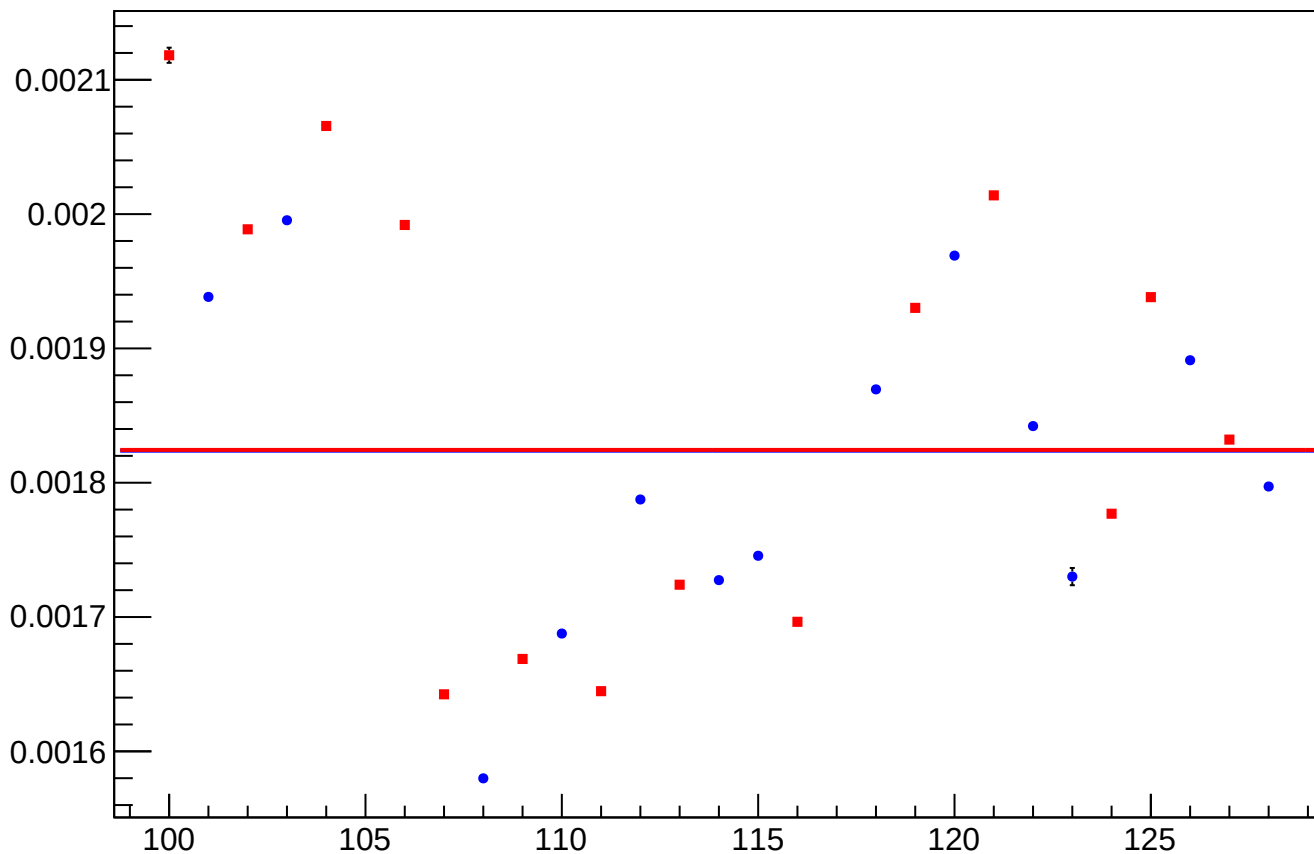
Right: -4.565+/-0.000 χ^2/NDF : 135167465053.6/26

In: -4.576+/-0.000 χ^2/NDF : 69270208395.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.565+/-0.000 χ^2/NDF : 135167465053.6

yield_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 41640.8/12

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

Right Out: 0.002+/-0.000 χ^2/NDF : 72158.6/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

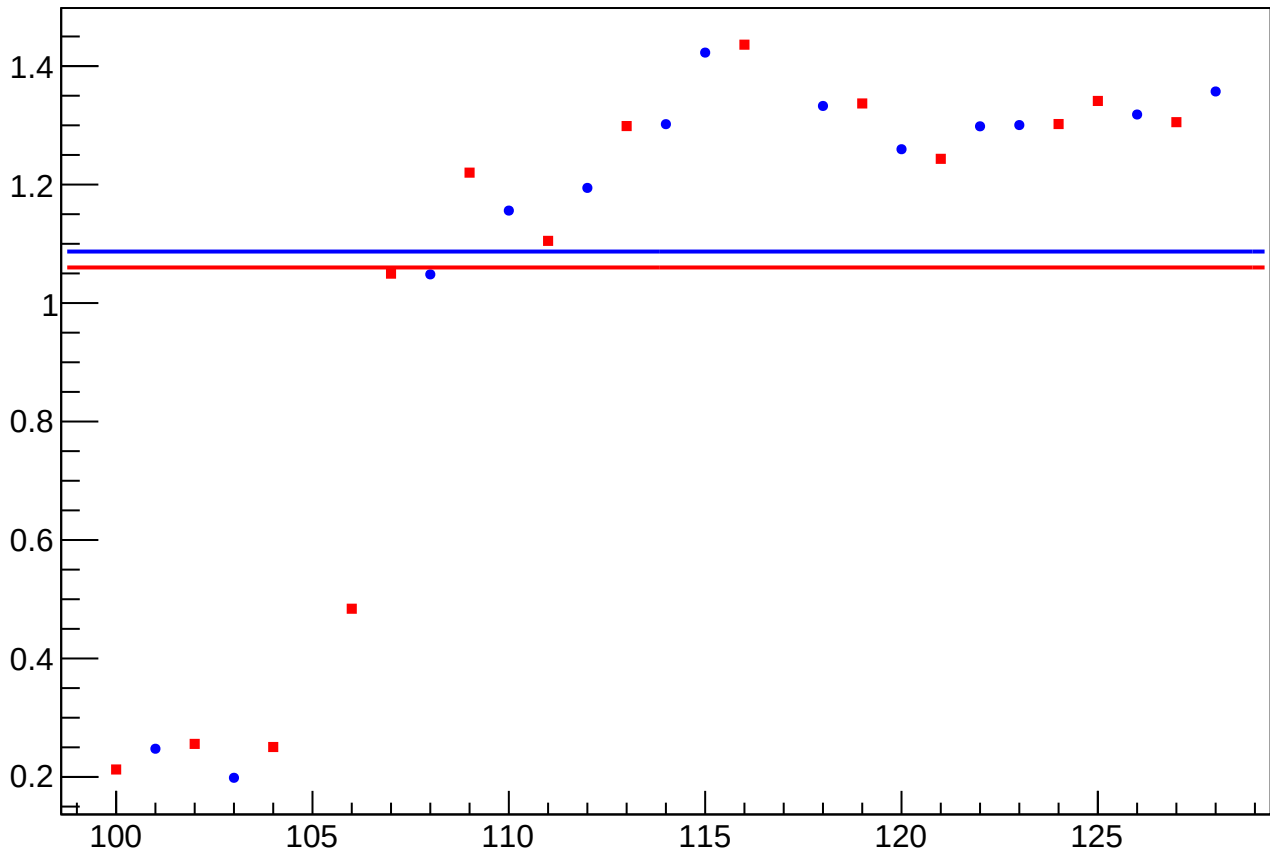
Right: 0.002+/-0.000 χ^2/NDF : 113799.8/26

In: 0.002+/-0.000 χ^2/NDF :41640.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 113799.8/26

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 1.087+/-0.000 χ^2/NDF : 13802489551.3/12

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

Right Out: 1.060+/-0.000 χ^2/NDF : 15645992027.7/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

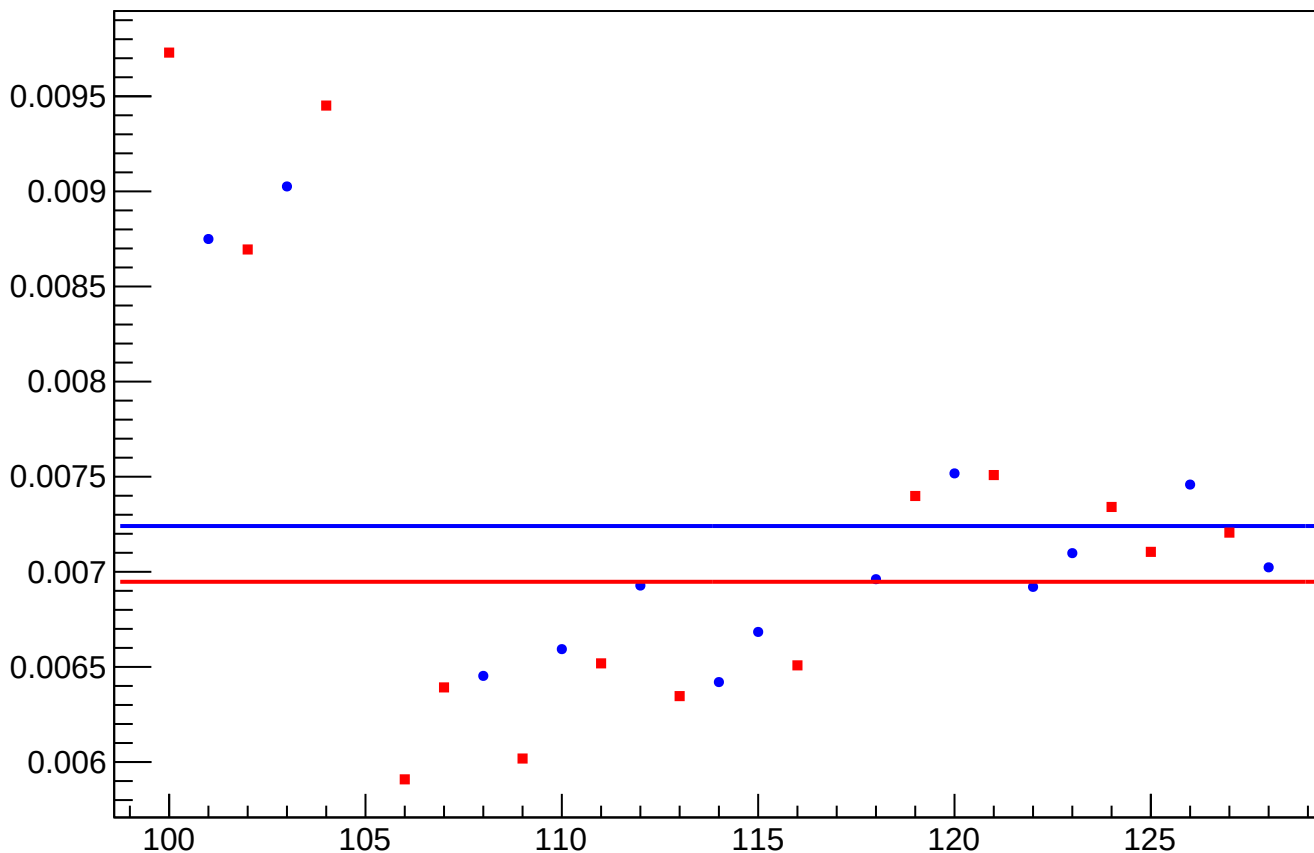
Right: 1.072+/-0.000 χ^2/NDF : 29483480059.9/26

In: 1.087+/-0.000 χ^2/NDF :13802489551.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.072+/-0.000 χ^2/NDF : 29483480059.9/26

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 110179.9/12

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

Right Out: 0.007+/-0.000 χ^2/NDF : 197586.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

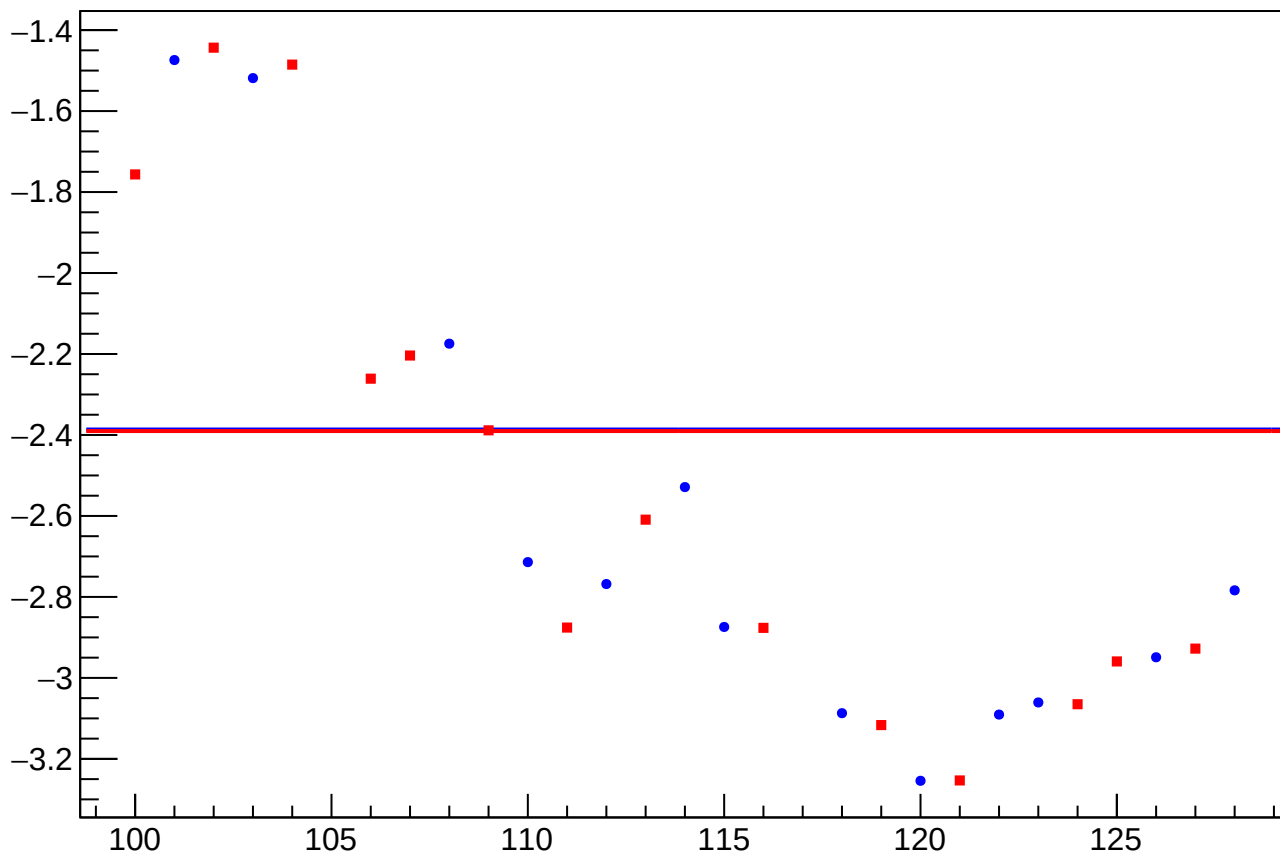
Right: 0.007+/-0.000 χ^2/NDF : 316084.0/26

In: 0.007+/-0.000 χ^2/NDF :110179.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 316084.0/26

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -2.387+/-0.000 χ^2/NDF : 49443770716.3/12

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

Right Out: -2.390+/-0.000 χ^2/NDF : 47448200750.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

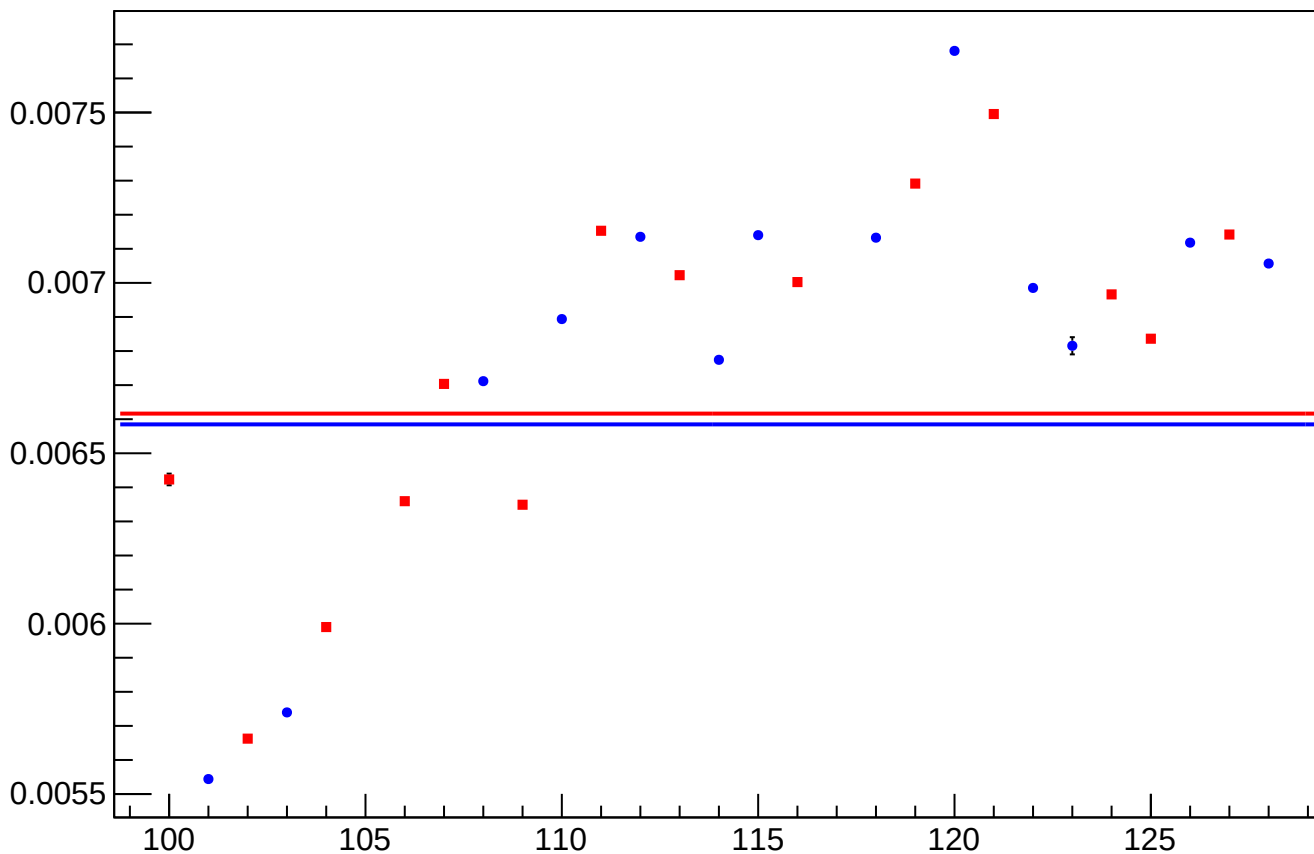
Right: -2.388+/-0.000 χ^2/NDF : 96892786242.3/26

In: -2.387+/-0.000 χ^2/NDF :49443770716.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.388+/-0.000 χ^2/NDF : 96892786242.3/26

yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 105783.6/12

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

Right Out: 0.007+/-0.000 χ^2/NDF : 79600.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

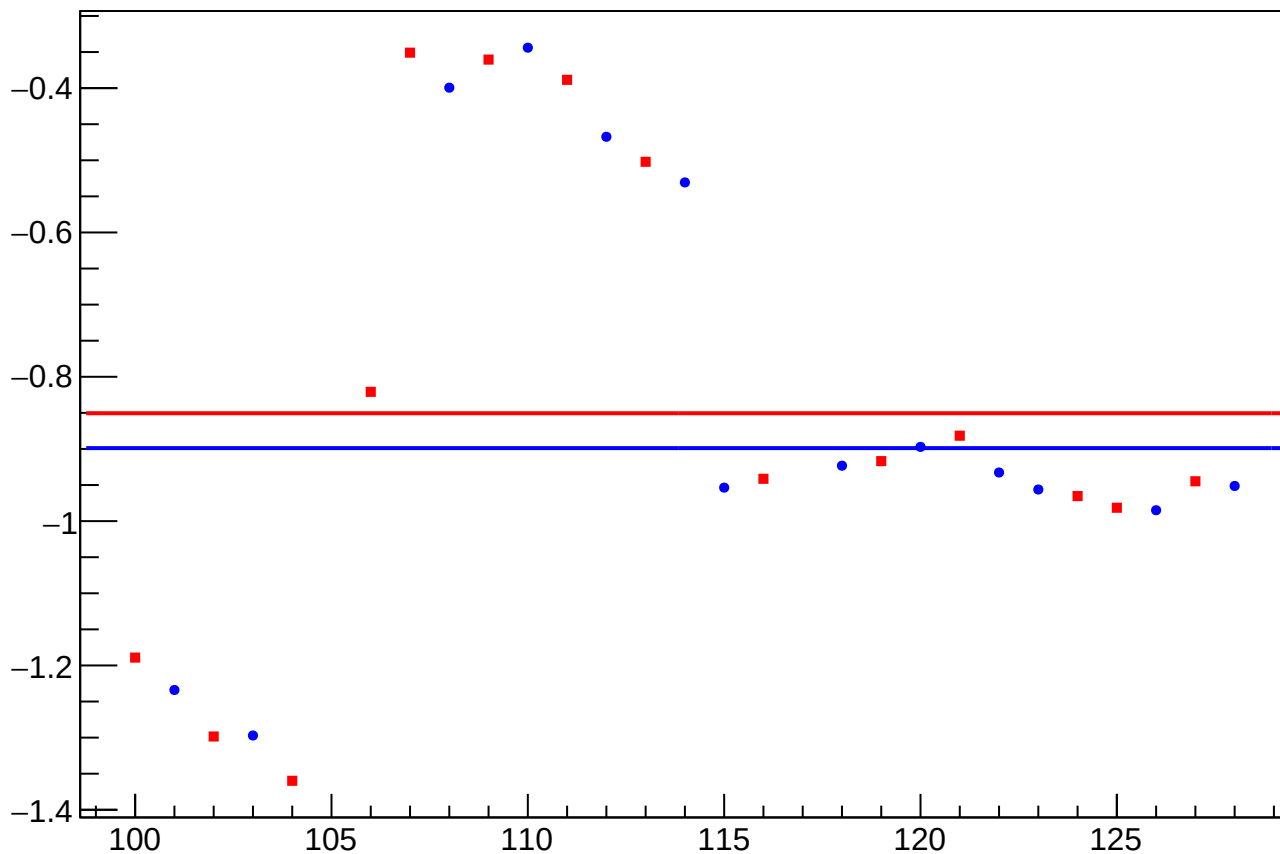
Right: 0.007+/-0.000 χ^2/NDF : 185496.5/26

In: 0.007+/-0.000 χ^2/NDF :105783.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 185496.5/26

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.899+/-0.000 χ^2/NDF : 3895426453.4/12

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

Right Out: -0.850+/-0.000 χ^2/NDF : 5612067914.6/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

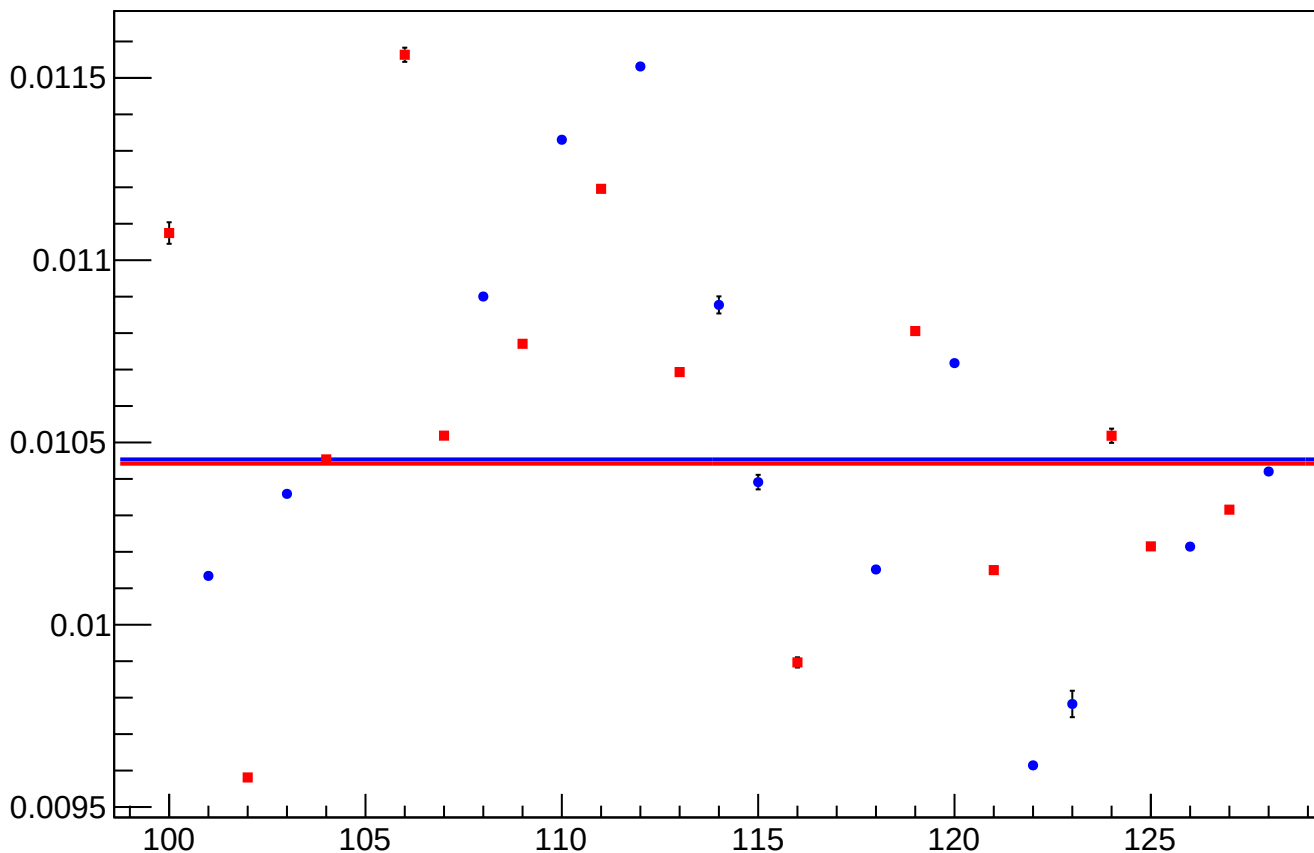
Right: -0.874+/-0.000 χ^2/NDF : 9559419766.2/26

In: -0.899+/-0.000 χ^2/NDF :3895426453.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.874+/-0.000 χ^2/NDF : 9559419766.2/26

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 23230.8/12

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

Right Out: 0.010+/-0.000 χ^2/NDF : 21660.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

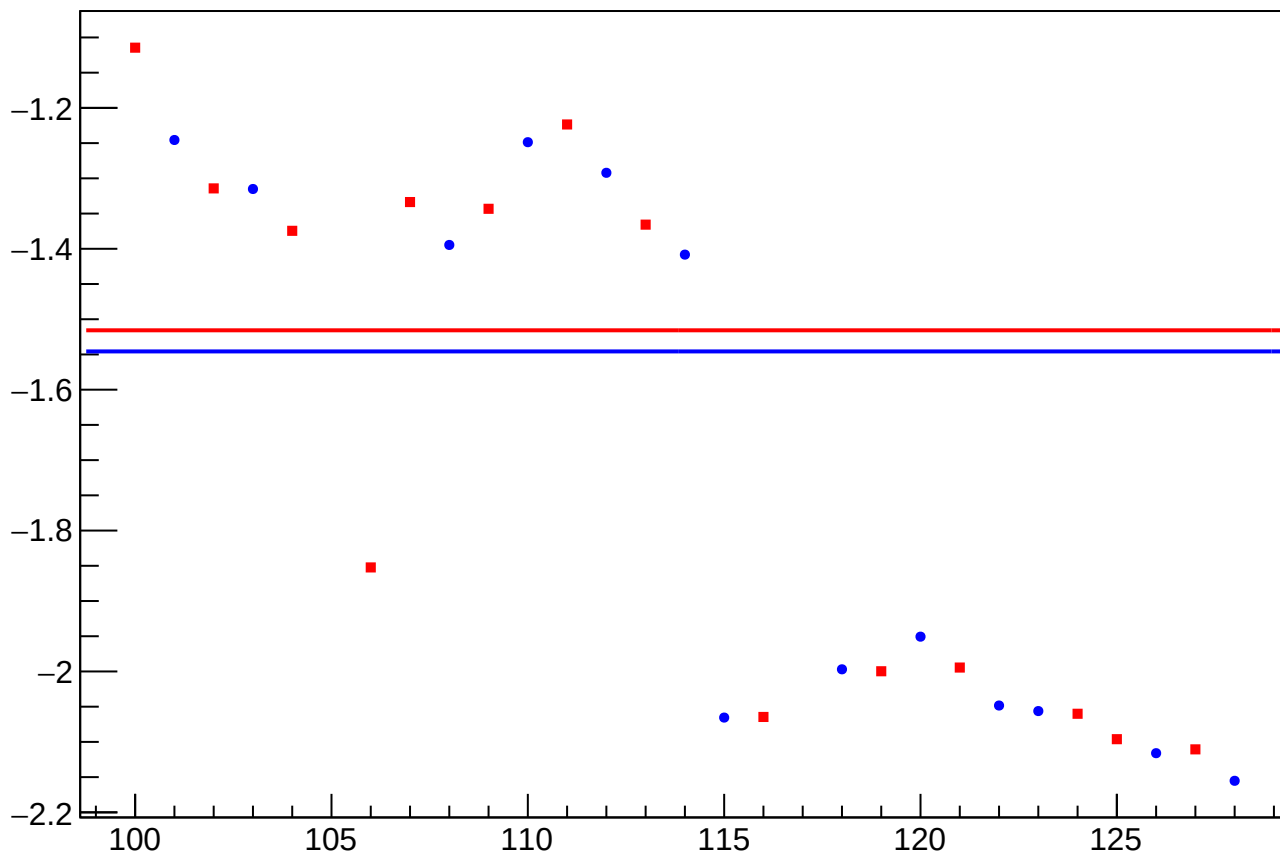
Right: 0.010+/-0.000 χ^2/NDF : 44897.8/26

In: 0.010+/-0.000 χ^2/NDF : 23230.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 44897.8/26

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.546+/-0.000 χ^2/NDF : 93190348886.9/12

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

Right Out: -1.516+/-0.000 χ^2/NDF : 81839161985.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

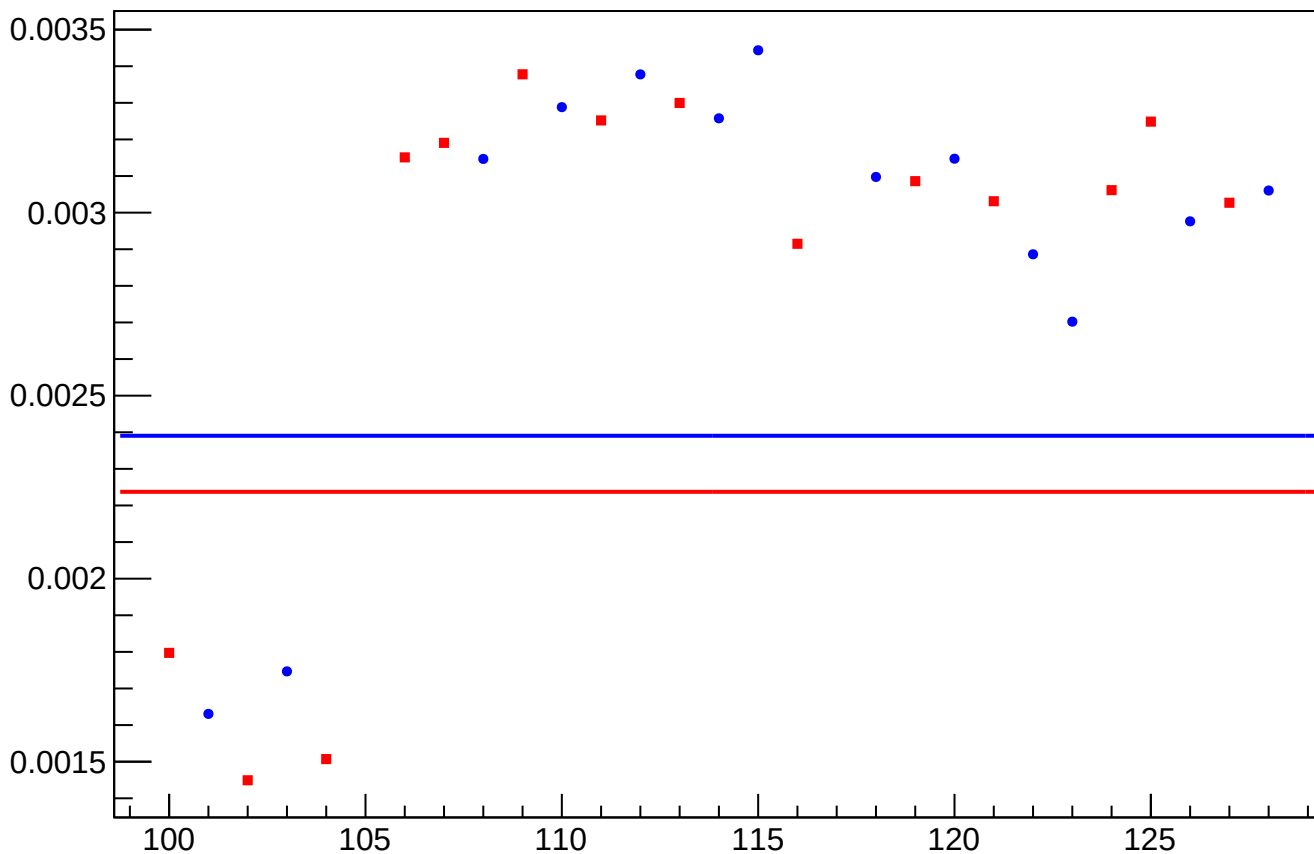
Right: -1.530+/-0.000 χ^2/NDF : 175363665851.4/26

In: -1.546+/-0.000 χ^2/NDF : 93190348886.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.530+/-0.000 χ^2/NDF : 175363665851.4

yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 726081.8/12

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

Right Out: 0.002+/-0.000 χ^2/NDF : 1128684.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

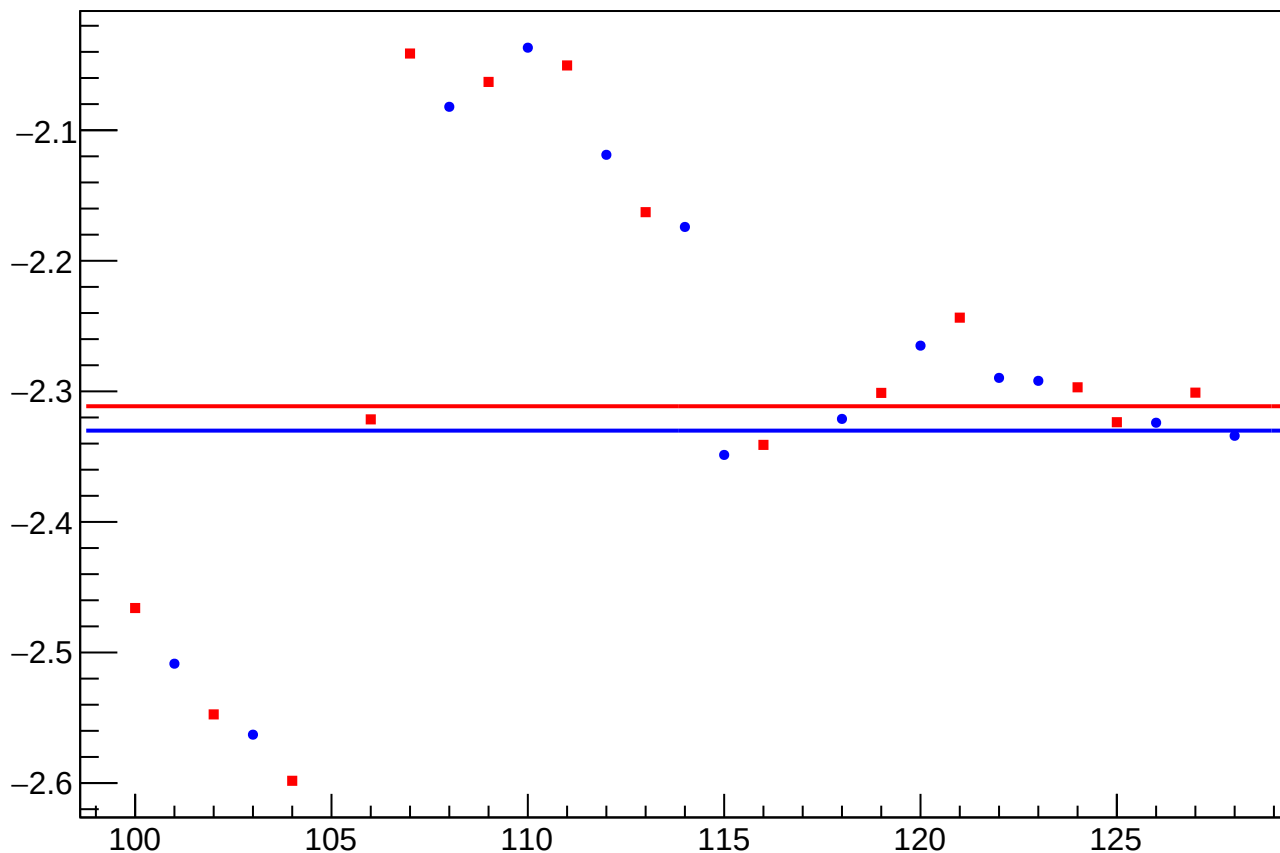
Right: 0.002+/-0.000 χ^2/NDF : 1872213.8/26

In: 0.002+/-0.000 χ^2/NDF : 726081.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1872213.8/26

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.330+/-0.000 χ^2/NDF : 2996135471.8/12

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

Right Out: -2.311+/-0.000 χ^2/NDF : 4395669847.2/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

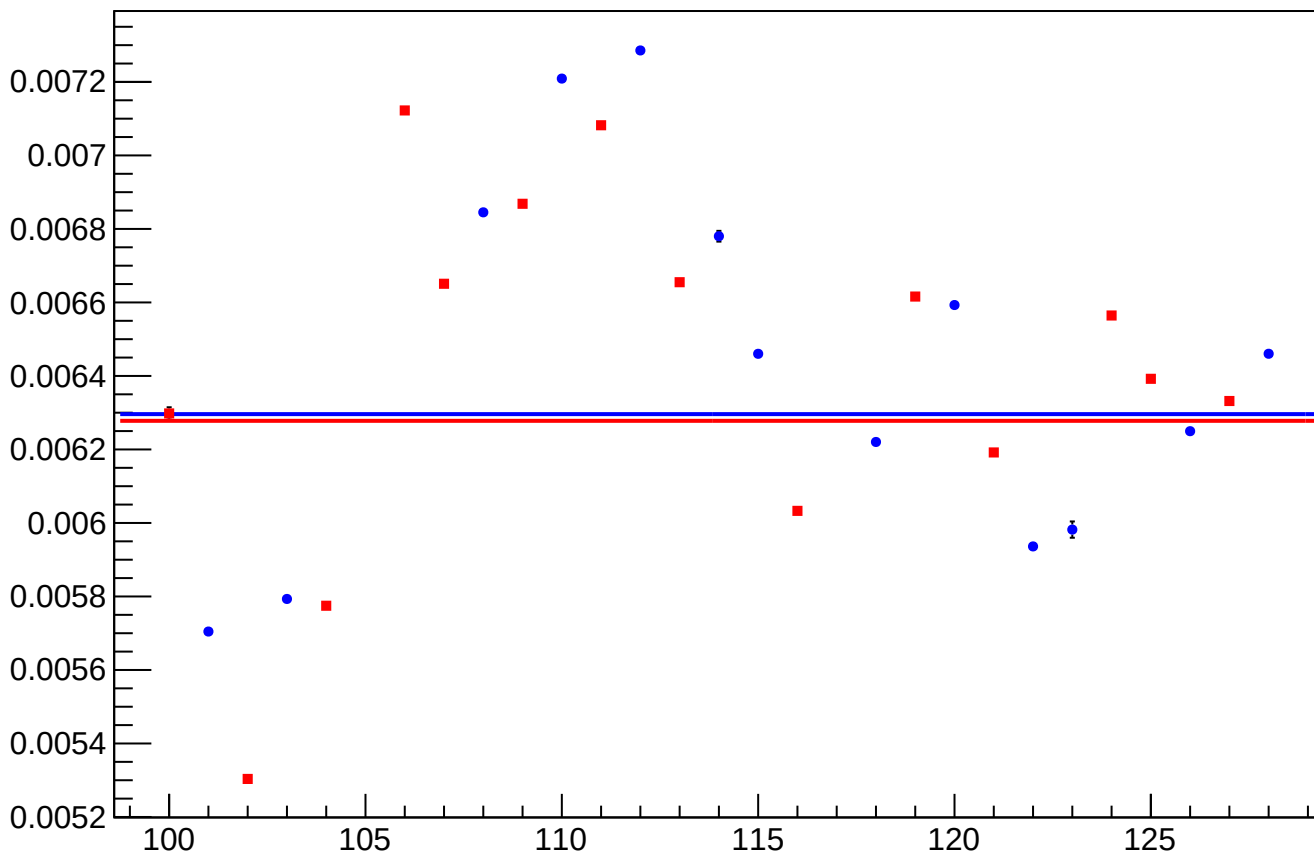
Right: -2.320+/-0.000 χ^2/NDF : 7412822491.9/26

In: -2.330+/-0.000 χ^2/NDF :2996135471.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.320+/-0.000 χ^2/NDF : 7412822491.9/26

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 59806.1/12

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

Right Out: 0.006+/-0.000 χ^2/NDF : 76607.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

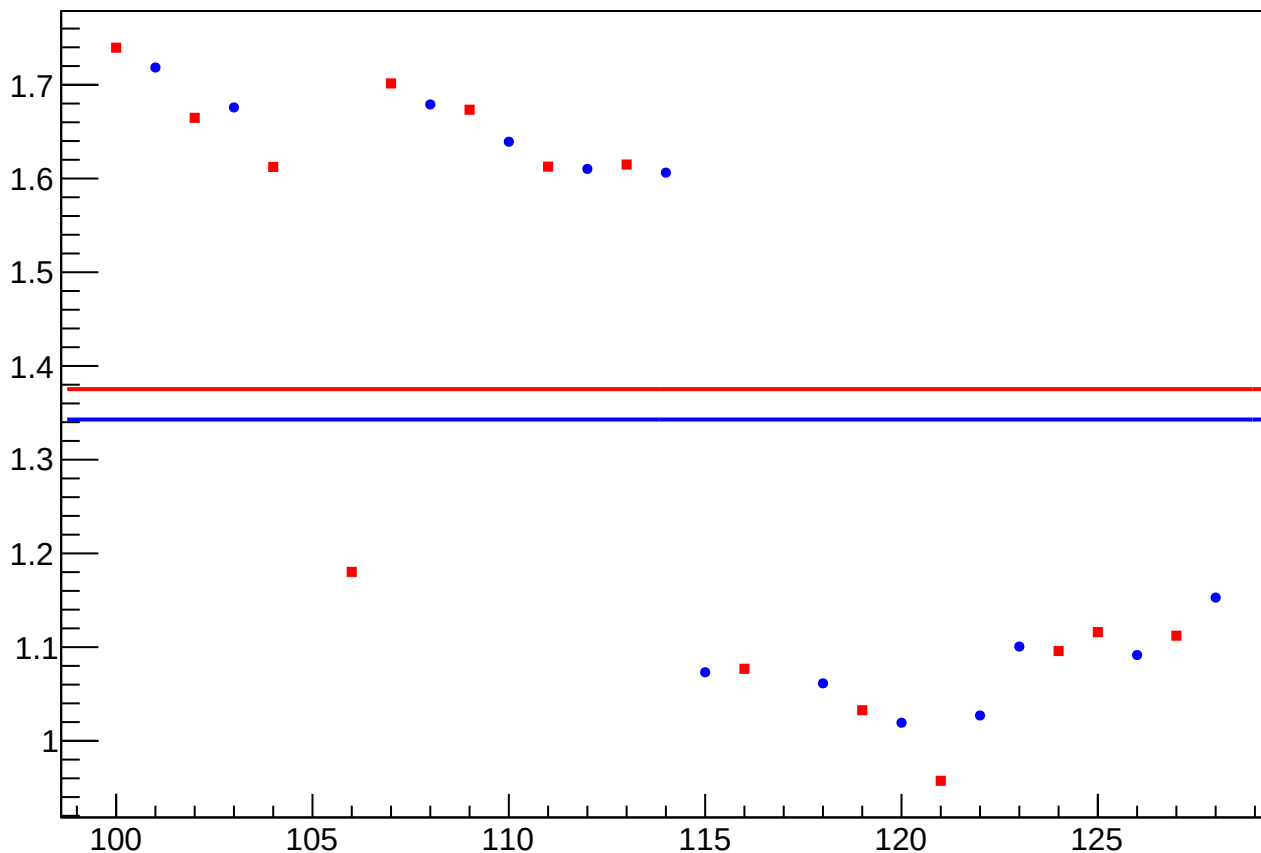
Right: 0.006+/-0.000 χ^2/NDF : 136453.2/26

In: 0.006+/-0.000 χ^2/NDF :59806.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 136453.2/26

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.343+/-0.000

χ^2/NDF : 93791994394.3/12

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1.360+/-0.000

χ^2/NDF : 194425733179.2/26

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 1.343+/-0.000

χ^2/NDF : 93791994394.3/12

Right Out: 1.375+/-0.000

χ^2/NDF : 100047597455.4/13

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

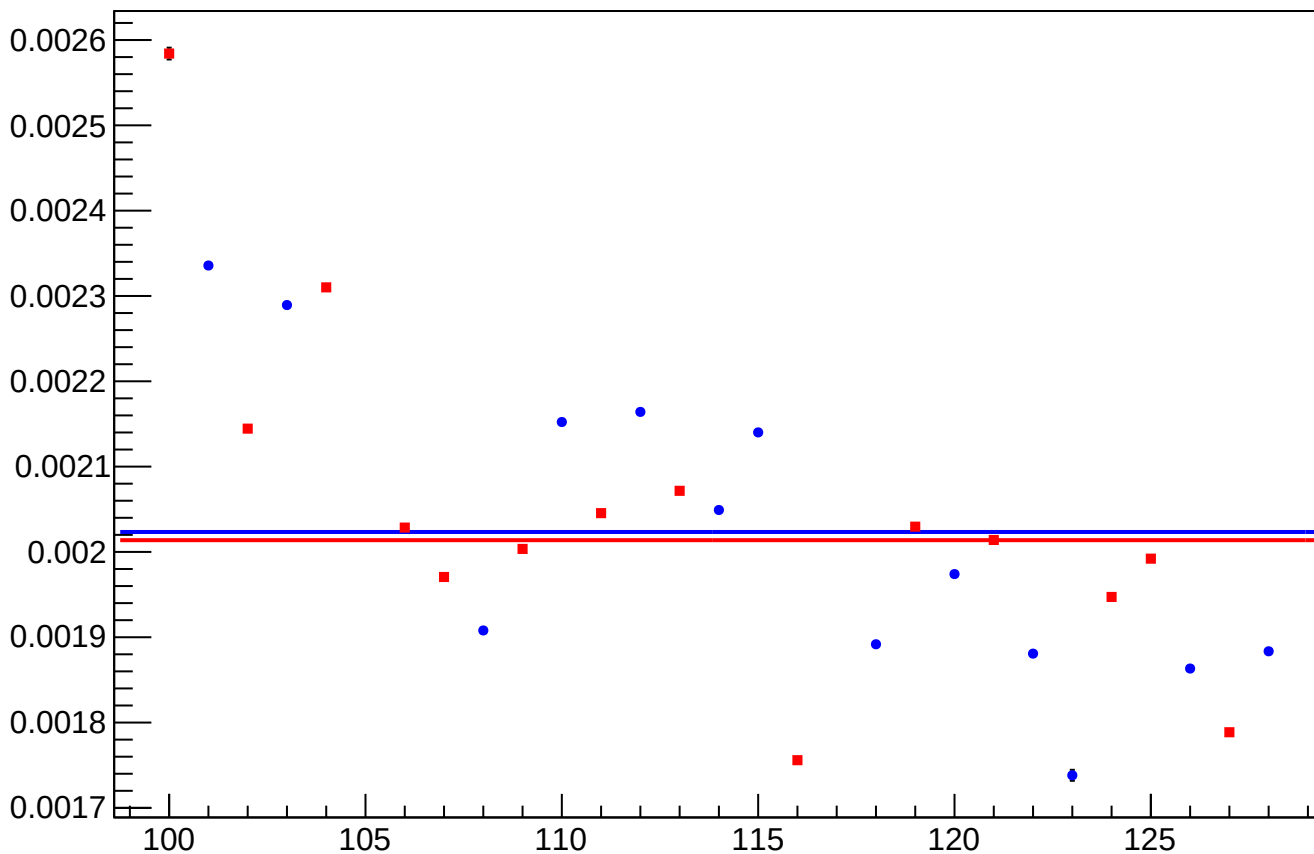
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.360+/-0.000

χ^2/NDF : 194425733179.2

yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 64885.6/12

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

Right Out: 0.002+/-0.000 χ^2/NDF : 51836.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

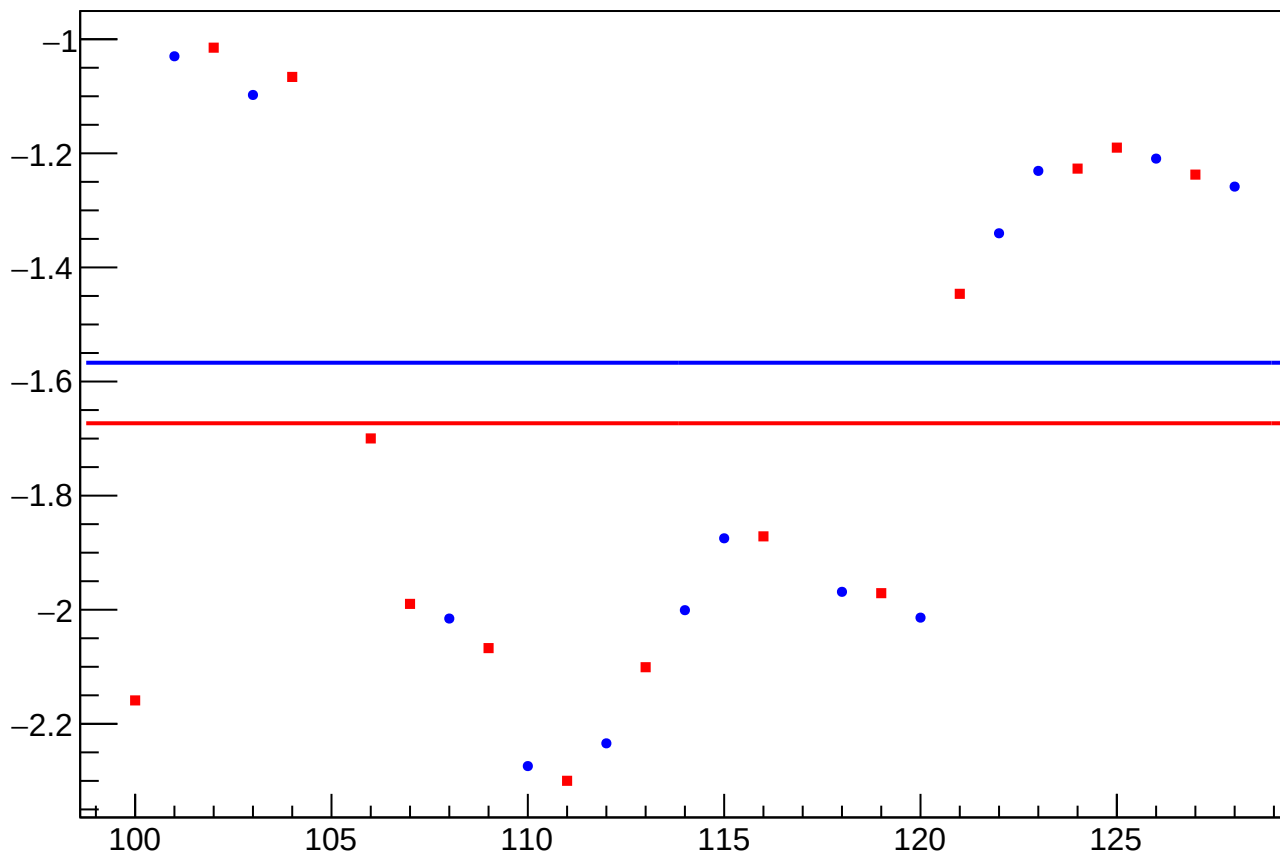
Right: 0.002+/-0.000 χ^2/NDF : 116824.5/26

In: 0.002+/-0.000 χ^2/NDF : 64885.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 116824.5/26

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.567+/-0.000 χ^2/NDF : 20334944700.4/12

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

Right Out: -1.673+/-0.000 χ^2/NDF : 24840760205.3/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

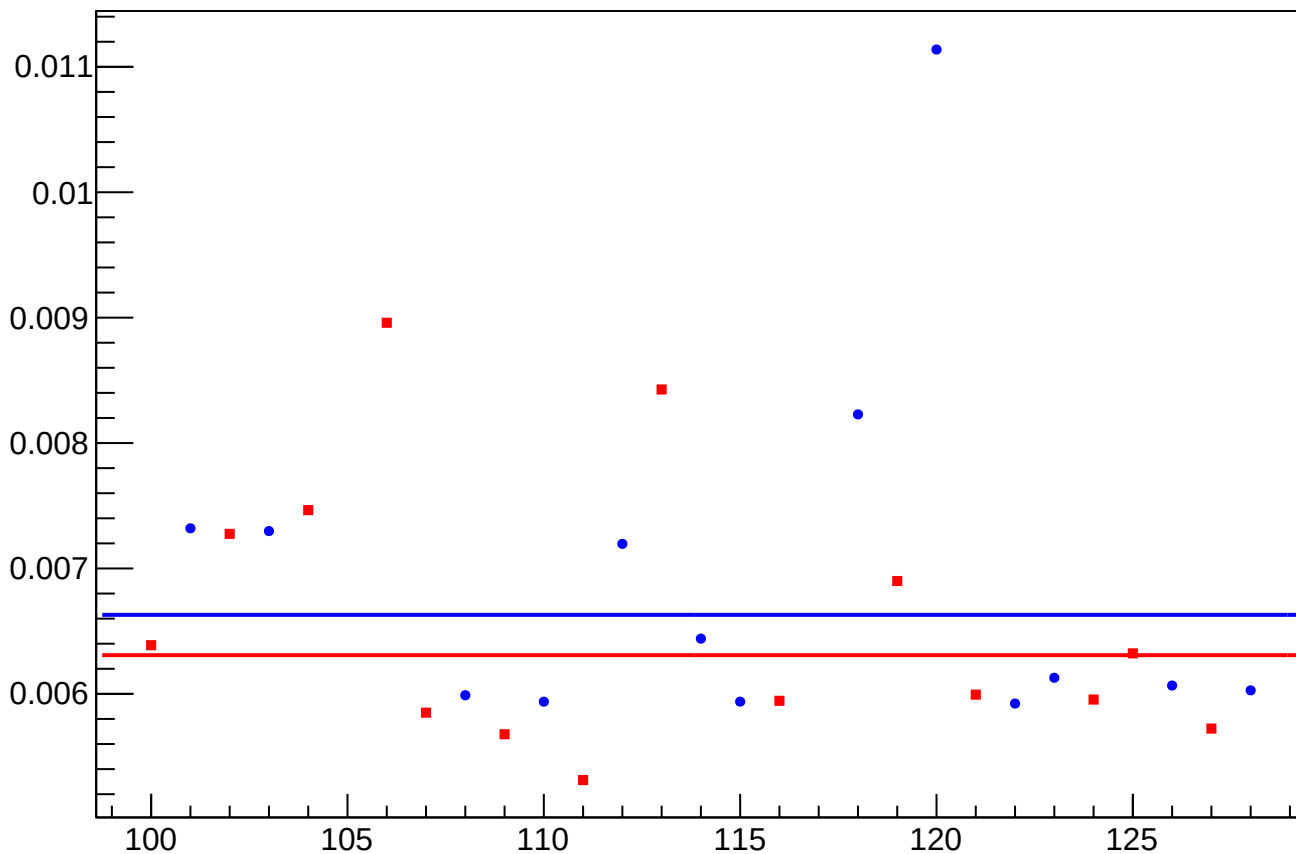
Right: -1.626+/-0.000 χ^2/NDF : 45774085434.0/26

In: -1.567+/-0.000 χ^2/NDF :20334944700.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.626+/-0.000 χ^2/NDF : 45774085434.0/26

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 190912.6/12

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

Right Out: 0.006+/-0.000 χ^2/NDF : 192658.8/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

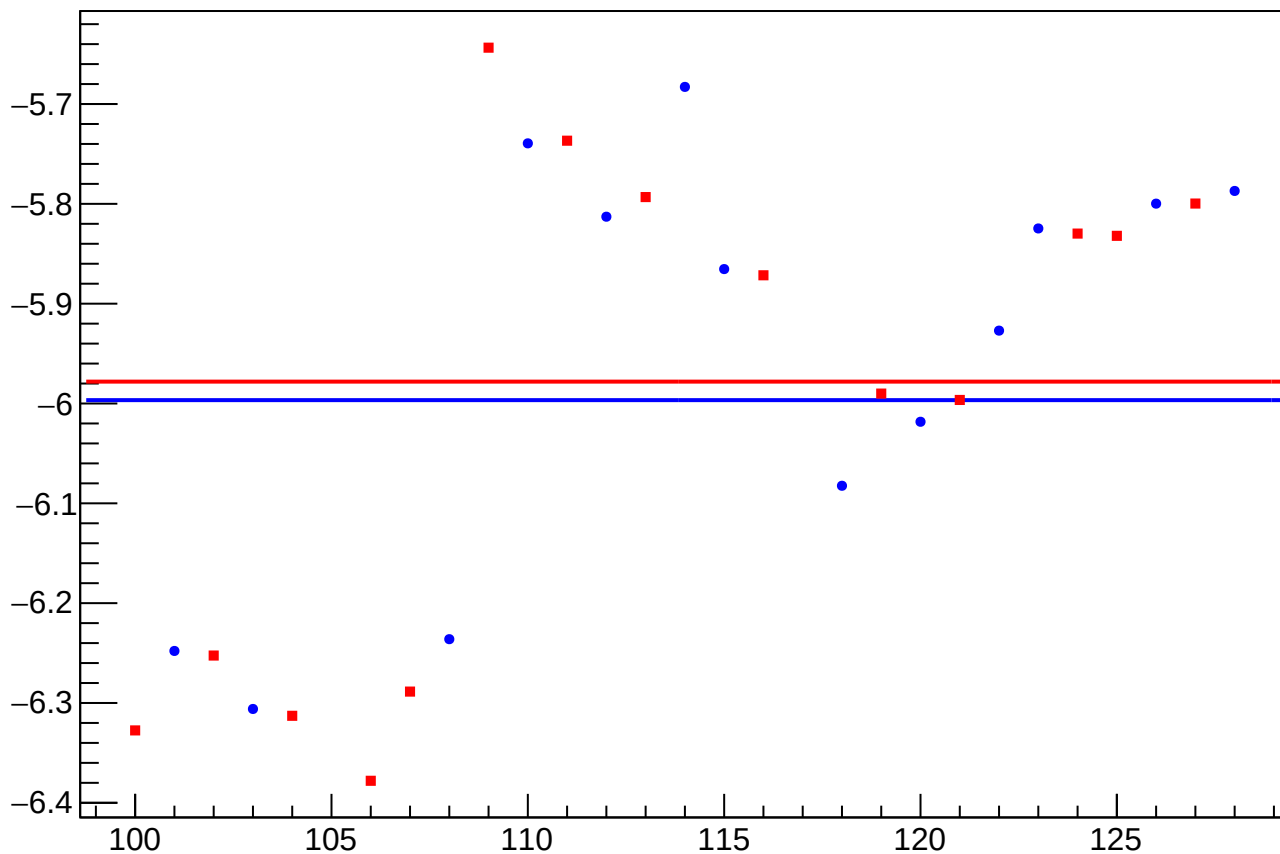
Right: 0.006+/-0.000 χ^2/NDF : 394573.1/26

In: 0.007+/-0.000 χ^2/NDF :190912.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 394573.1/26

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -5.997+/-0.000 χ^2/NDF : 6927700088.8/12

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

Right Out: -5.978+/-0.000 χ^2/NDF : 9729131087.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

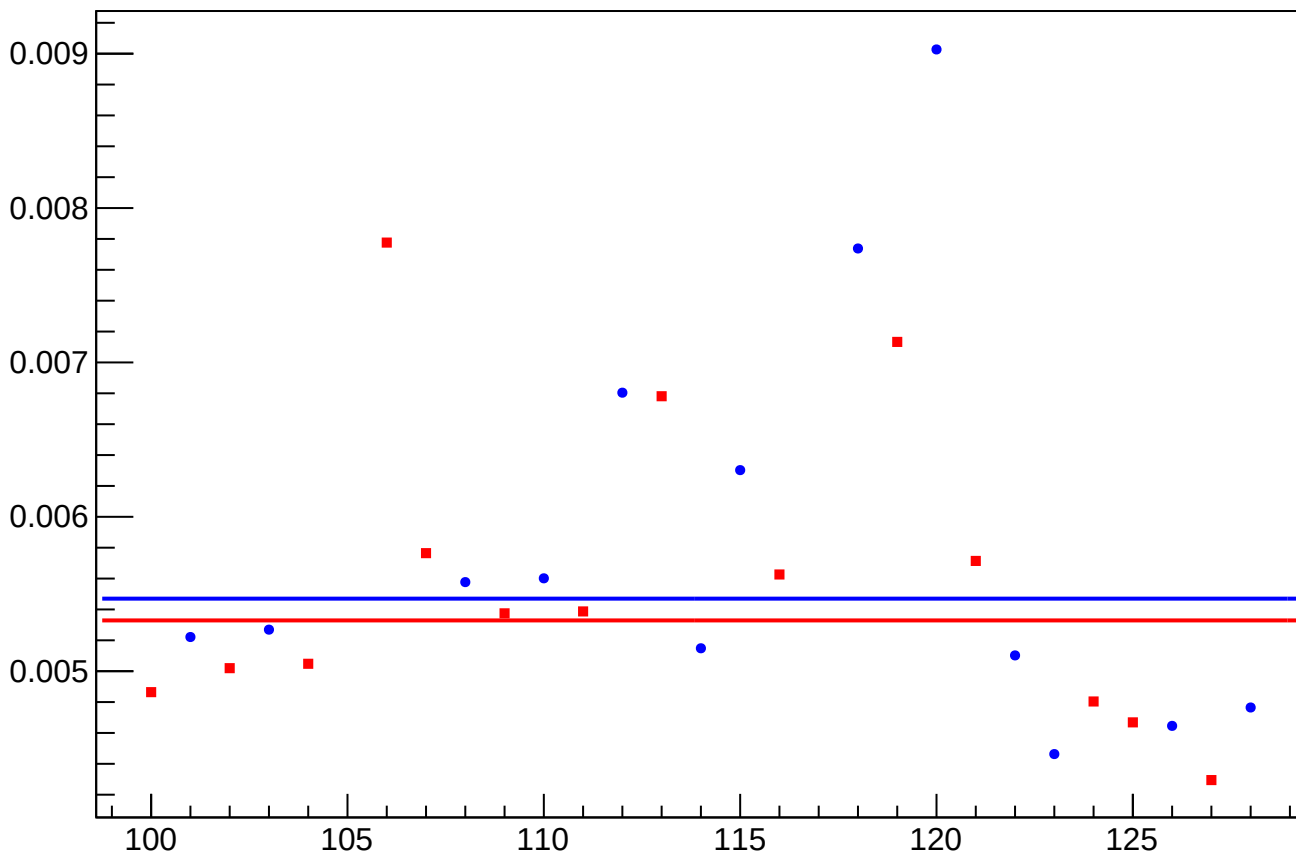
Right: -5.987+/-0.000 χ^2/NDF : 16682943658.0/26

In: -5.997+/-0.000 χ^2/NDF :6927700088.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.987+/-0.000 χ^2/NDF : 16682943658.0/26

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 257040.3/12

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

Right Out: 0.005+/-0.000 χ^2/NDF : 219442.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

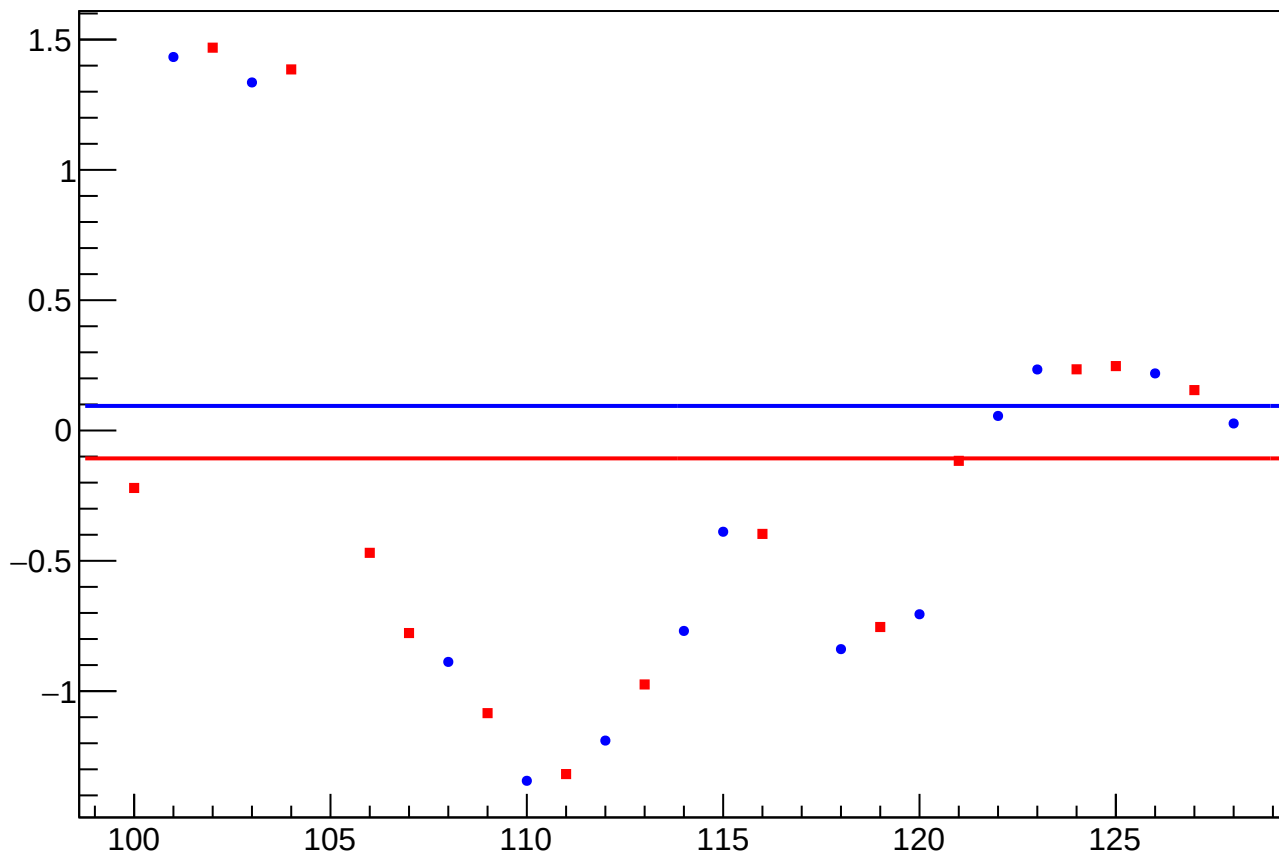
Right: 0.005+/-0.000 χ^2/NDF : 479501.5/26

In: 0.005+/-0.000 χ^2/NDF :257040.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 479501.5/26

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 0.094+/-0.000 χ^2/NDF : 16367837384.0/12

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

Right Out: -0.107+/-0.000 χ^2/NDF : 20492255818.8/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

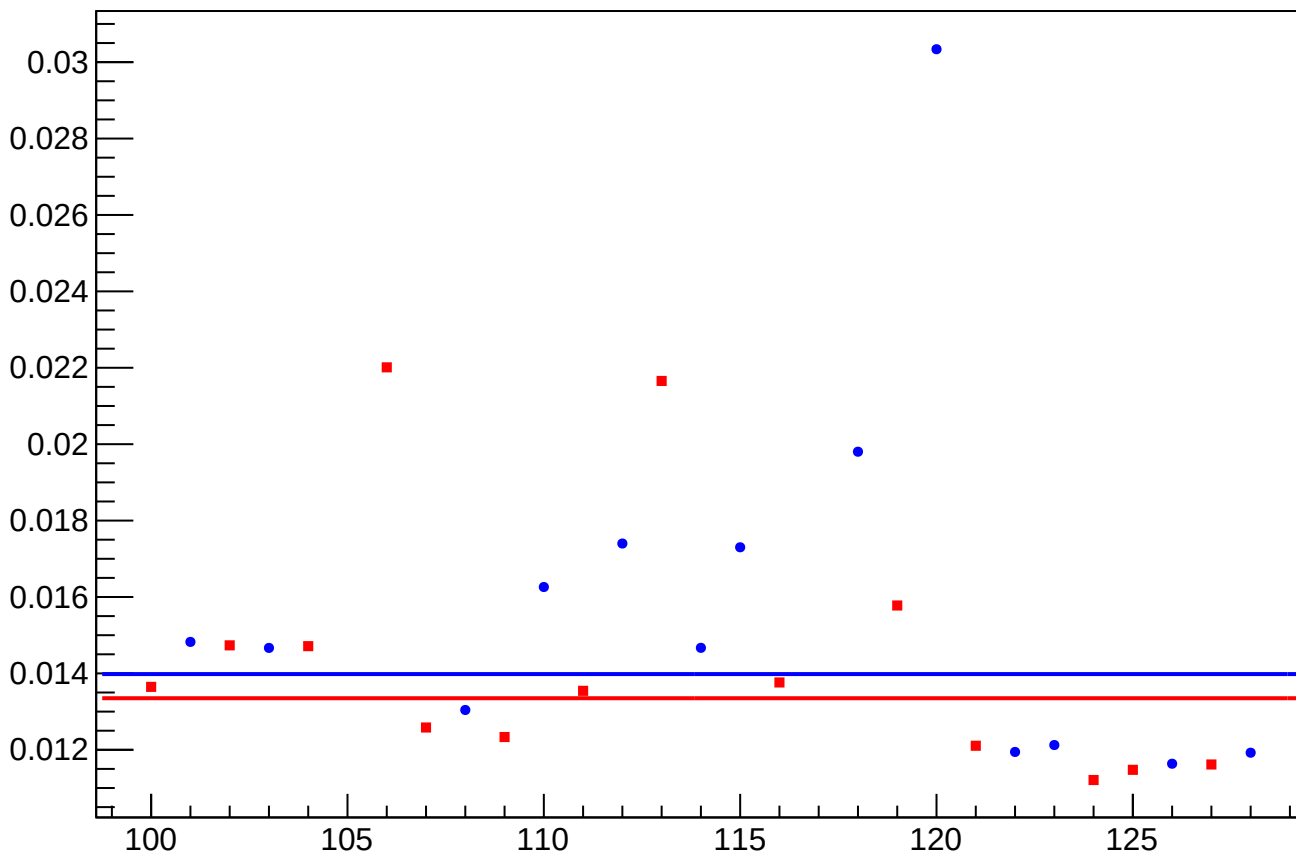
Right: -0.018+/-0.000 χ^2/NDF : 37325665438.9/26

In: 0.094+/-0.000 χ^2/NDF :16367837384.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.018+/-0.000 χ^2/NDF : 37325665438.9/26

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 355817.2/12

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

Right Out: 0.013+/-0.000 χ^2/NDF : 256771.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

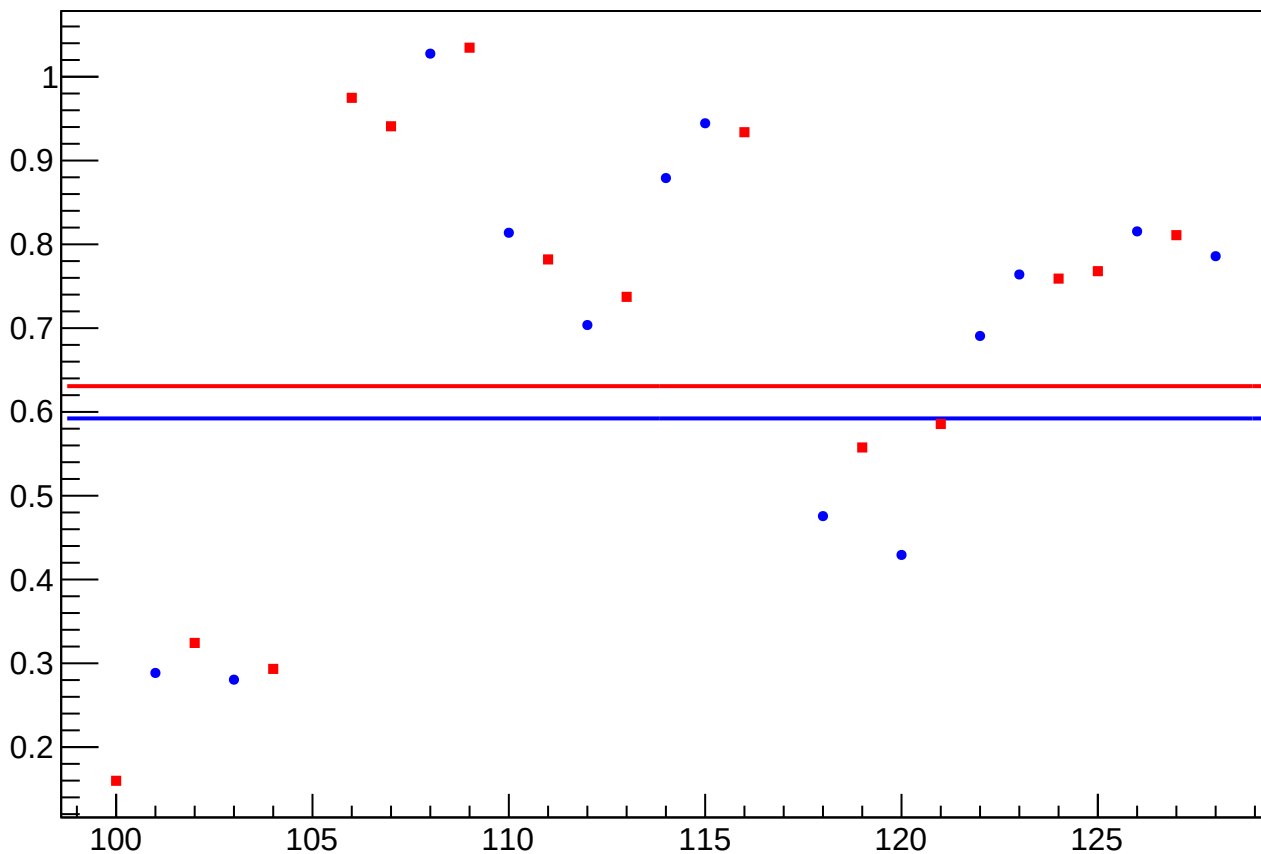
Right: 0.014+/-0.000 χ^2/NDF : 621768.6/26

In: 0.014+/-0.000 χ^2/NDF : 355817.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 621768.6/26

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.592+/-0.000

χ^2/NDF : 4513266523.5/12

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.613+/-0.000 χ^2/NDF : 10001070242.8/26

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.592+/-0.000 χ^2/NDF : 4513266523.5/12

Right Out: 0.631+/-0.000

χ^2/NDF : 5436017153.7/13

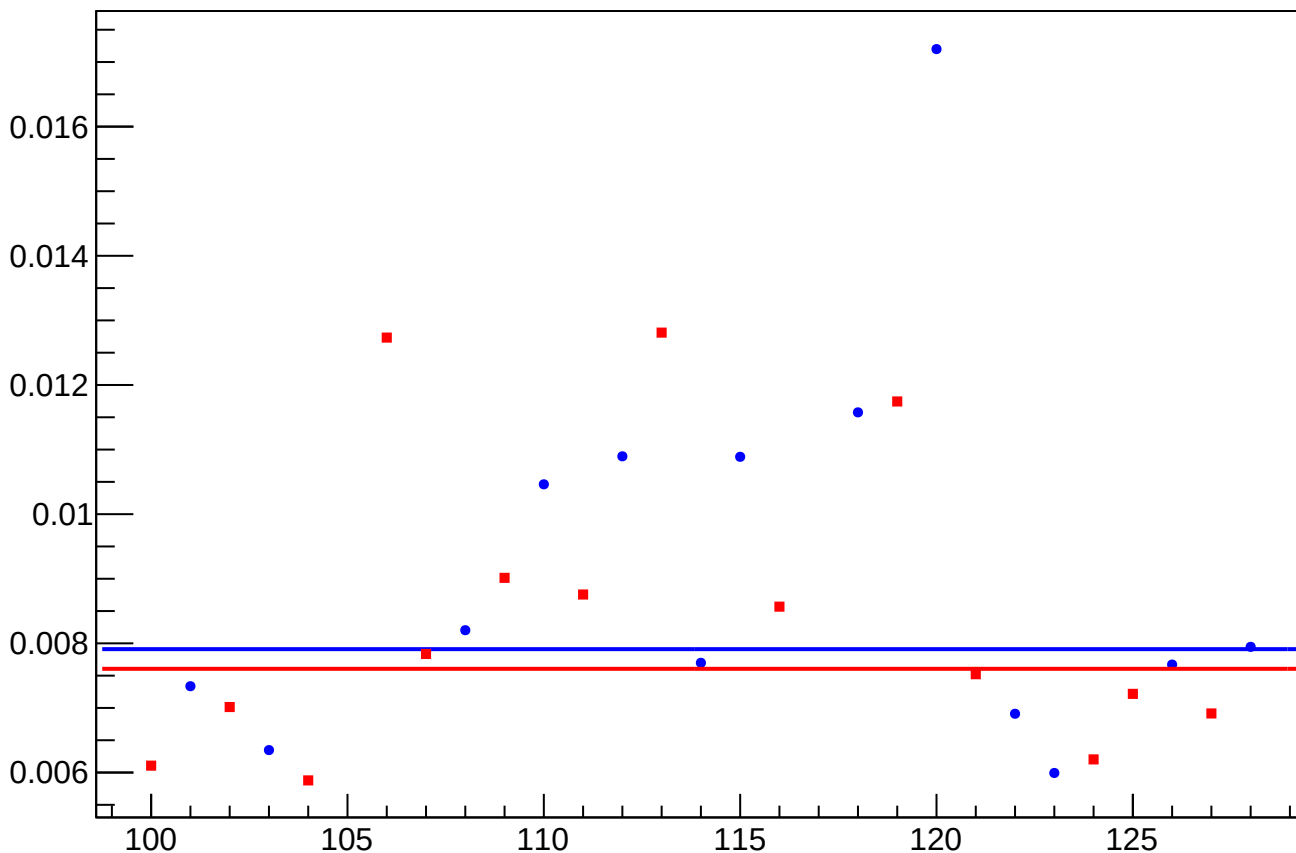
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.613+/-0.000 χ^2/NDF : 10001070242.8/26

yield_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 446207.7/12

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

Right Out: 0.008+/-0.000 χ^2/NDF : 432456.8/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

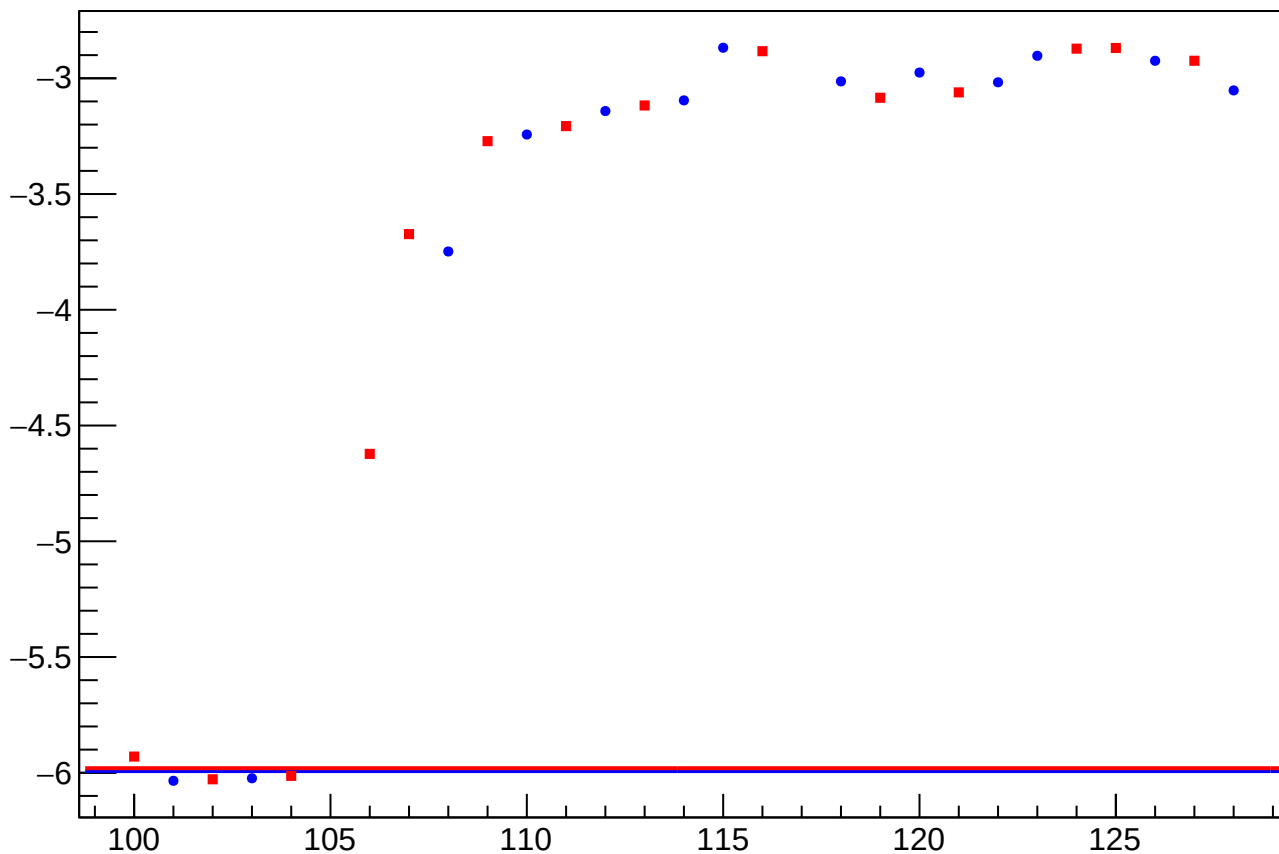
Right: 0.008+/-0.000 χ^2/NDF : 885133.5/26

In: 0.008+/-0.000 χ^2/NDF :446207.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

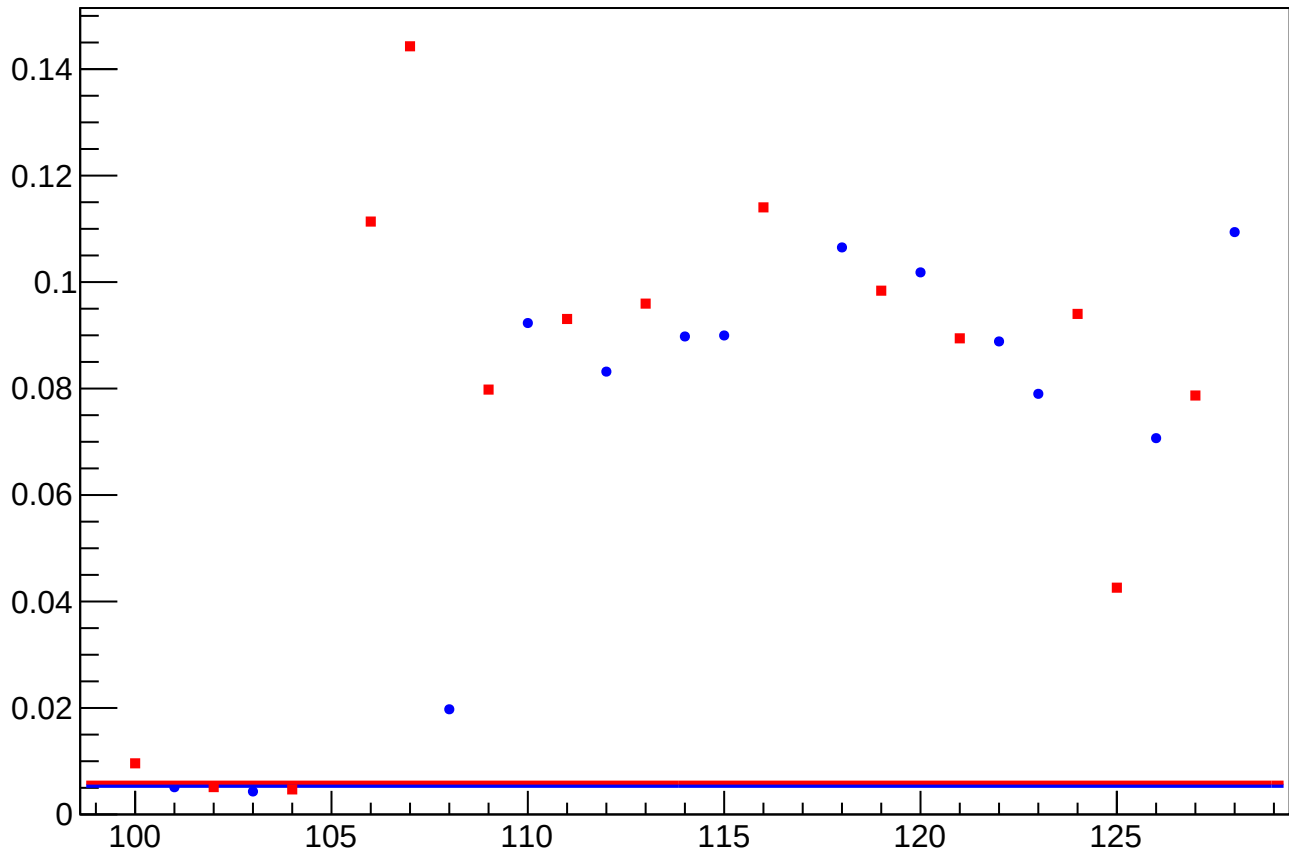
All: 0.008+/-0.000 χ^2/NDF : 885133.5/26

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -5.993+/-0.000	χ^2/NDF : 4495912159.3/12	Left: 0.000+/-0.000	χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000	χ^2/NDF : 0.0/0	Right: -5.987+/-0.000	χ^2/NDF : 8749455440.6/26
Right Out: -5.980+/-0.000	χ^2/NDF : 4250351370.5/13	In: -5.993+/-0.000	χ^2/NDF : 4495912159.3/12
Left In: 0.000+/-0.000	χ^2/NDF : 0.0/0	Out: 0.000+/-0.000	χ^2/NDF : 0.0/0
		All: -5.987+/-0.000	χ^2/NDF : 8749455440.6/26

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 5328876.0/12

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

Right Out: 0.006+/-0.000 χ^2/NDF : 6459570.3/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

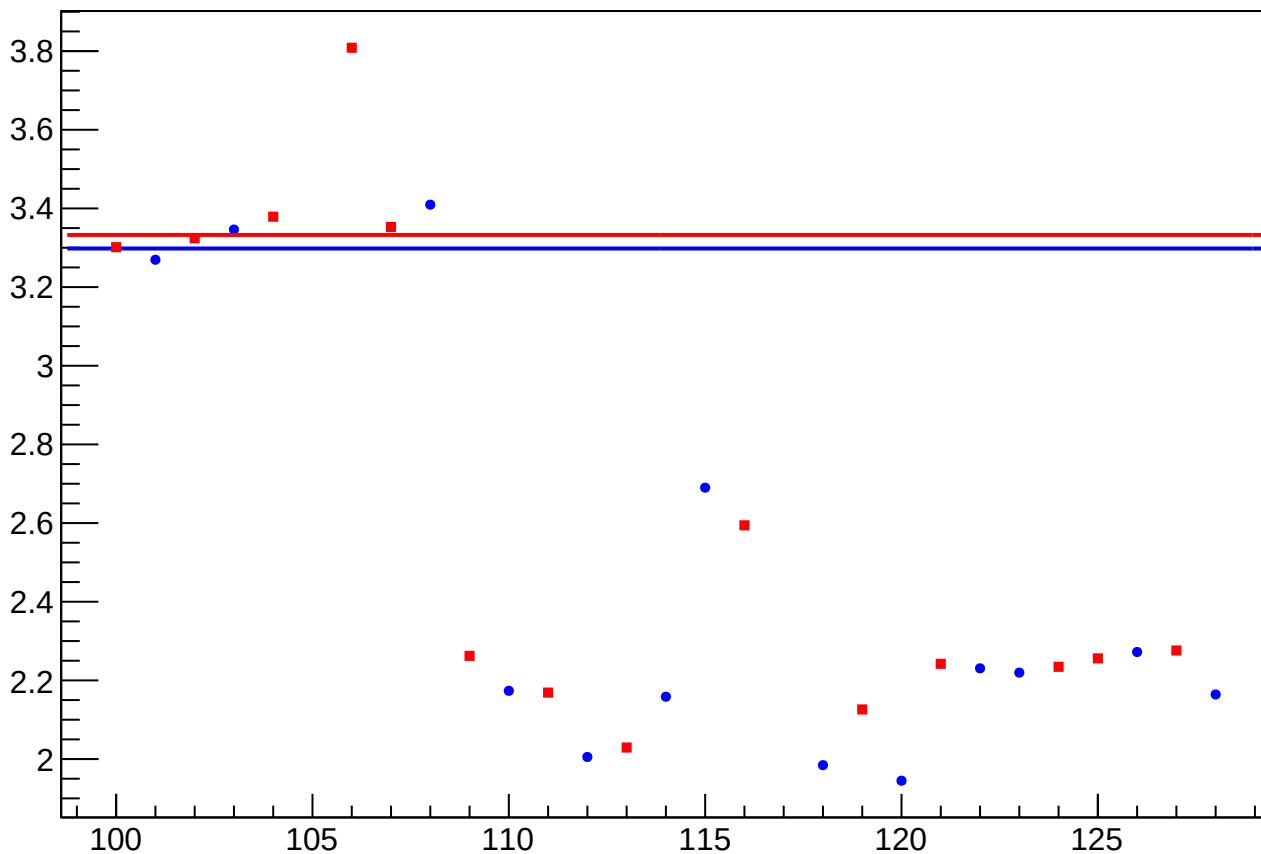
Right: 0.006+/-0.000 χ^2/NDF : 11803887.9/26

In: 0.005+/-0.000 χ^2/NDF :5328876.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 11803887.9/26

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.298+/-0.000 χ^2/NDF : 483868542.7/12

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

Right Out: 3.333+/-0.000 χ^2/NDF : 595139721.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

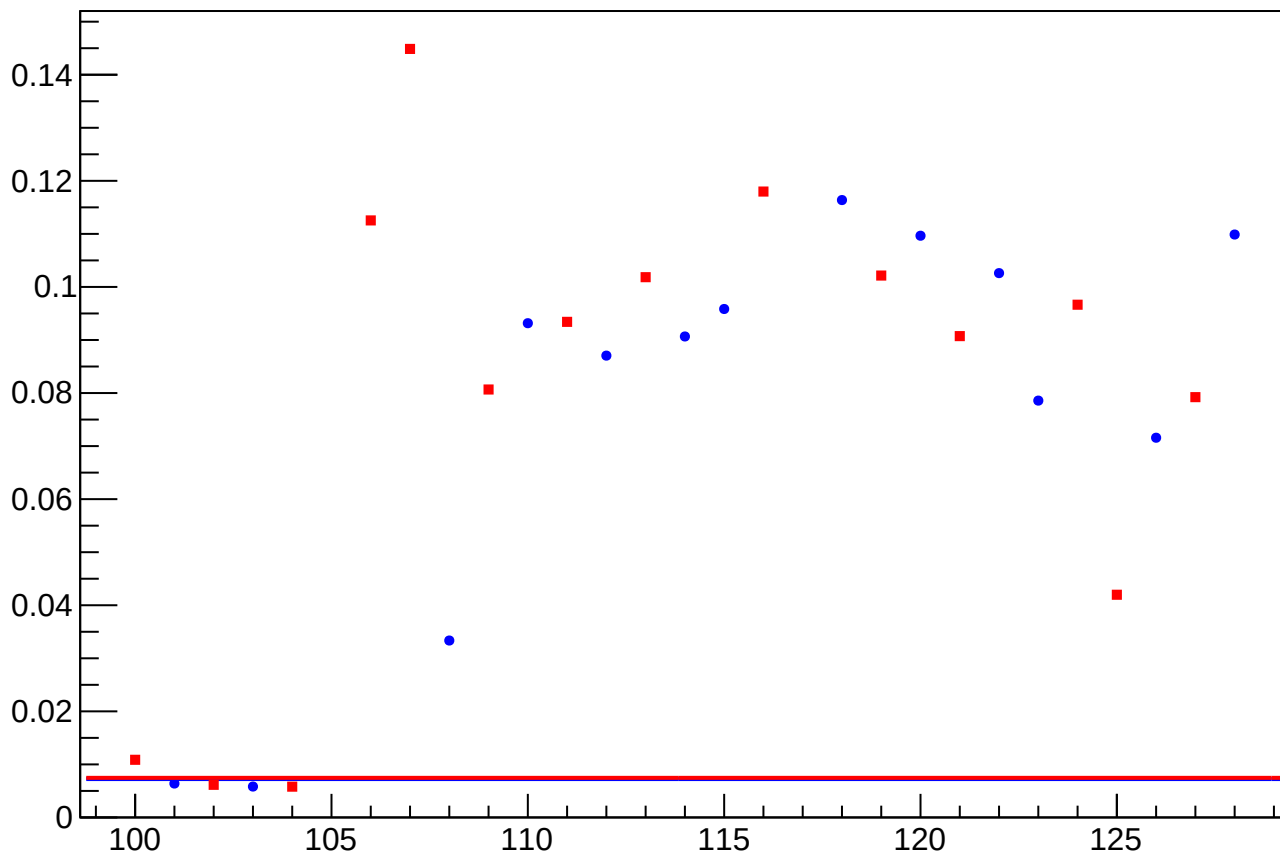
Right: 3.315+/-0.000 χ^2/NDF : 1095164246.7/26

In: 3.298+/-0.000 χ^2/NDF :483868542.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3.315+/-0.000 χ^2/NDF : 1095164246.7/26

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 5311803.0/12

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

Right Out: 0.007+/-0.000 χ^2/NDF : 6262180.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

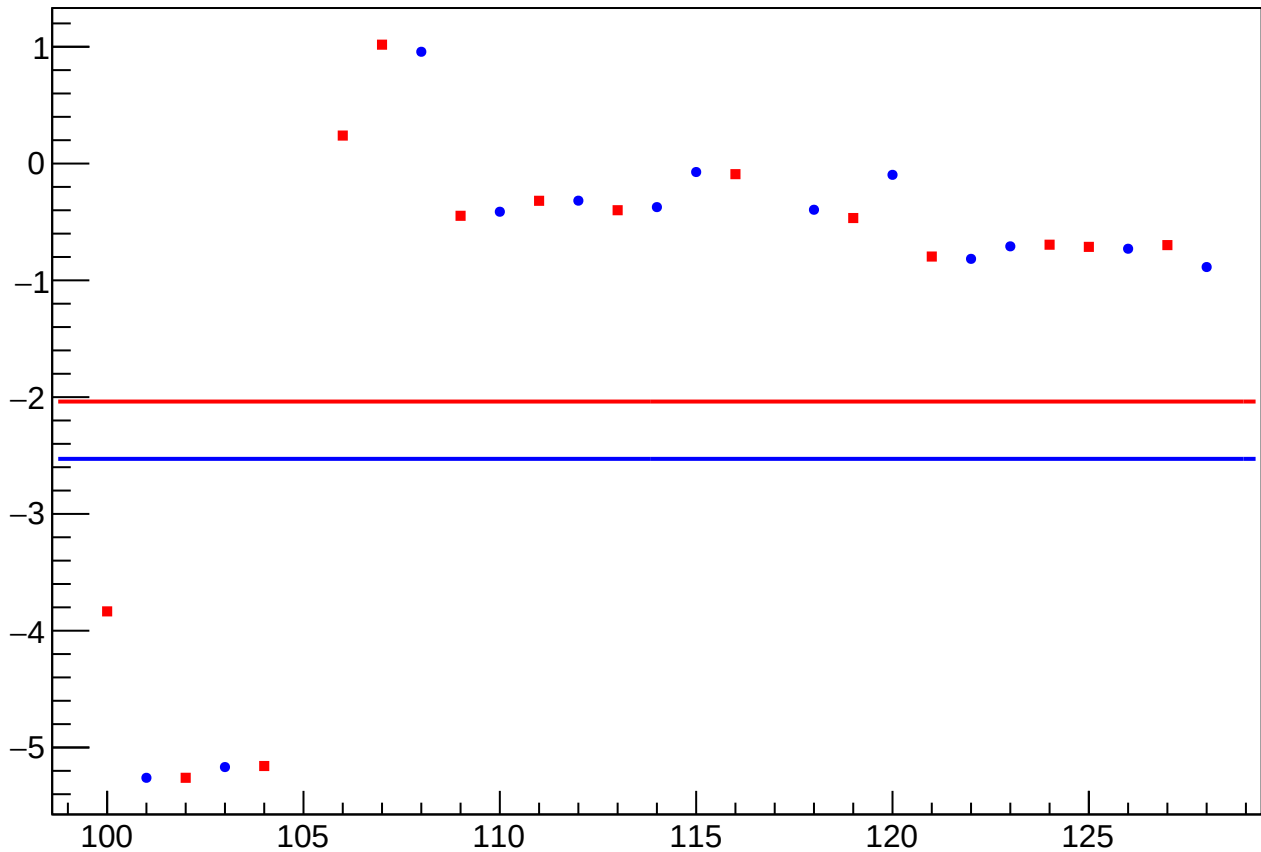
Right: 0.007+/-0.000 χ^2/NDF : 11575415.7/26

In: 0.007+/-0.000 χ^2/NDF :5311803.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 11575415.7/26

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -2.529+/-0.000 χ^2/NDF : 106233423708.4/12

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

Right Out: -2.038+/-0.000 χ^2/NDF : 117480569830.5/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

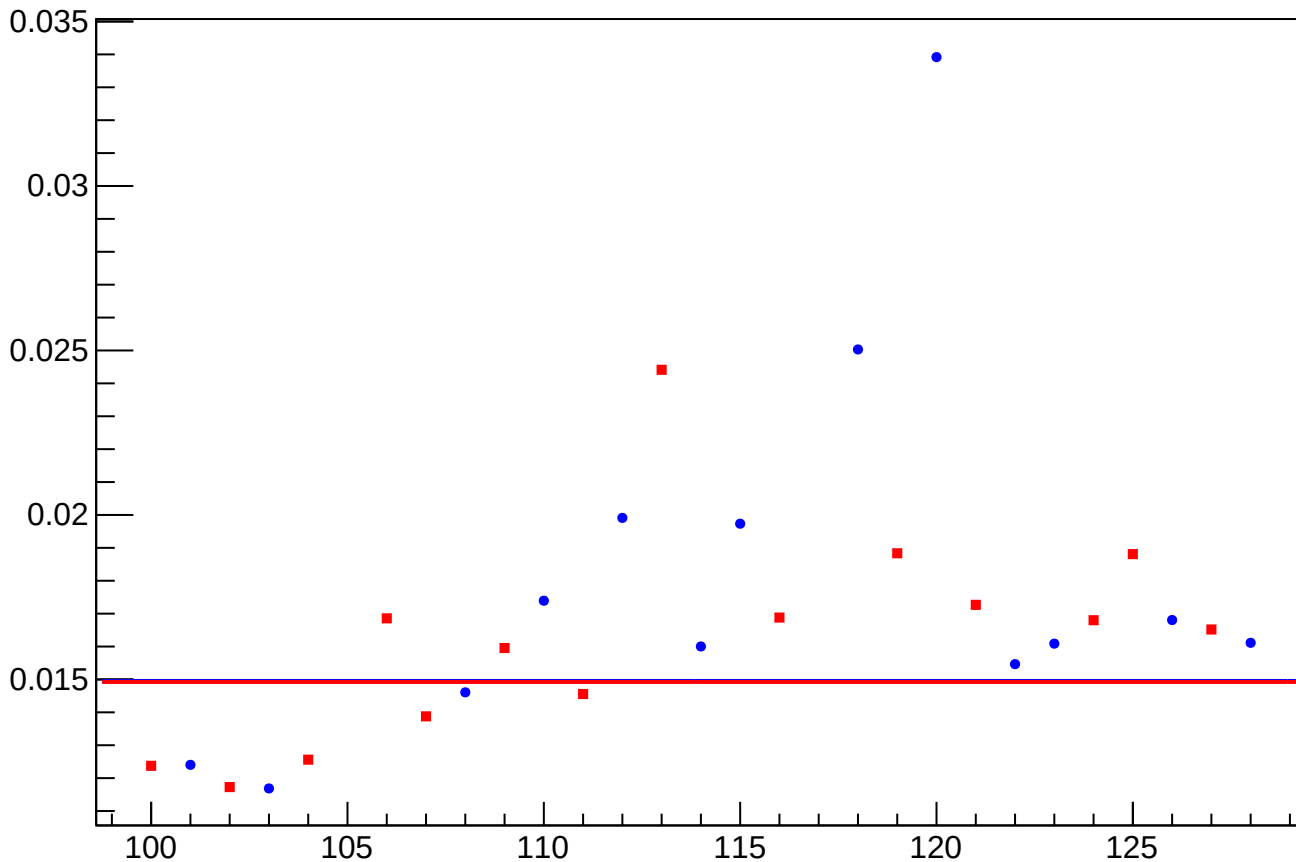
Right: -2.264+/-0.000 χ^2/NDF : 225965577486.5/26

In: -2.529+/-0.000 χ^2/NDF :106233423708.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.264+/-0.000 χ^2/NDF : 225965577486.5

yield_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 510507.6/12

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

Right Out: 0.015+/-0.000 χ^2/NDF : 314076.6/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

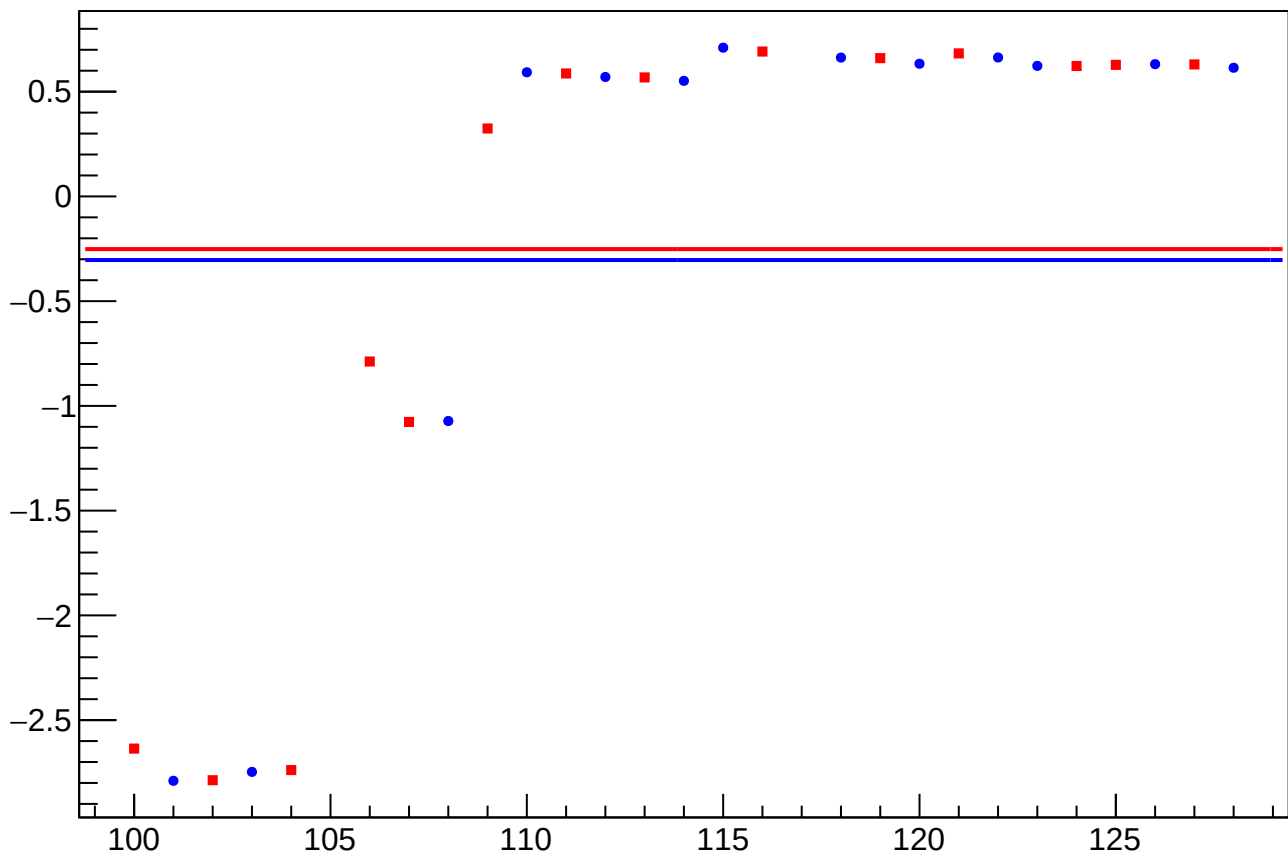
Right: 0.015+/-0.000 χ^2/NDF : 824600.4/26

In: 0.015+/-0.000 χ^2/NDF :510507.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

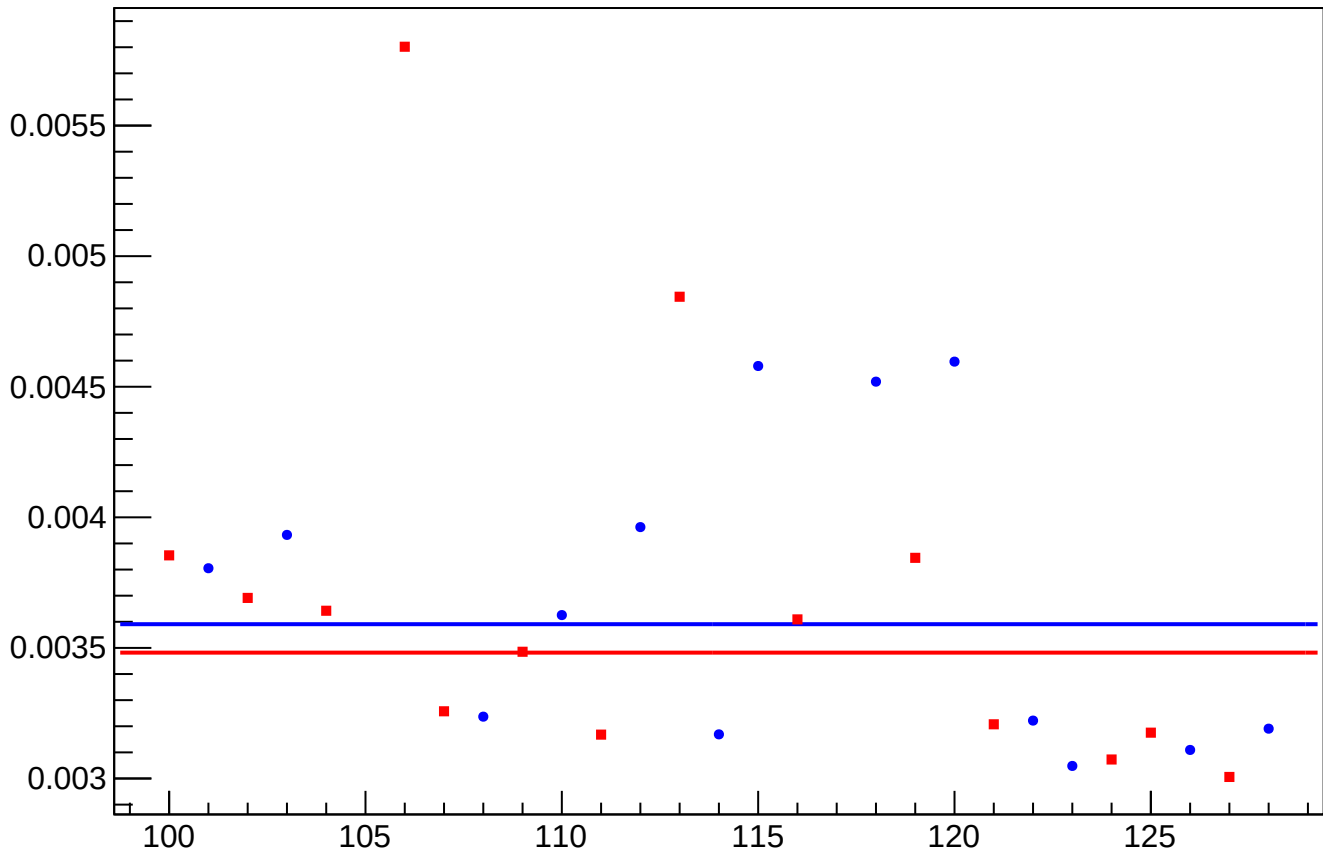
All: 0.015+/-0.000 χ^2/NDF : 824600.4/26

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -0.304 ± 0.000 $\chi^2/\text{NDF}: 676827885487.5/12$ Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$ Right: -0.276 ± 0.000 $\chi^2/\text{NDF}: 1407784500989.3/2$
 Right Out: -0.252 ± 0.000 $\chi^2/\text{NDF}: 730455428562.3/13$ In: -0.304 ± 0.000 $\chi^2/\text{NDF}: 676827885487.5/12$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$ Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -0.276 ± 0.000 $\chi^2/\text{NDF}: 1407784500989$

yield_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 154354.5/12

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

Right Out: 0.003+/-0.000 χ^2/NDF : 211596.3/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

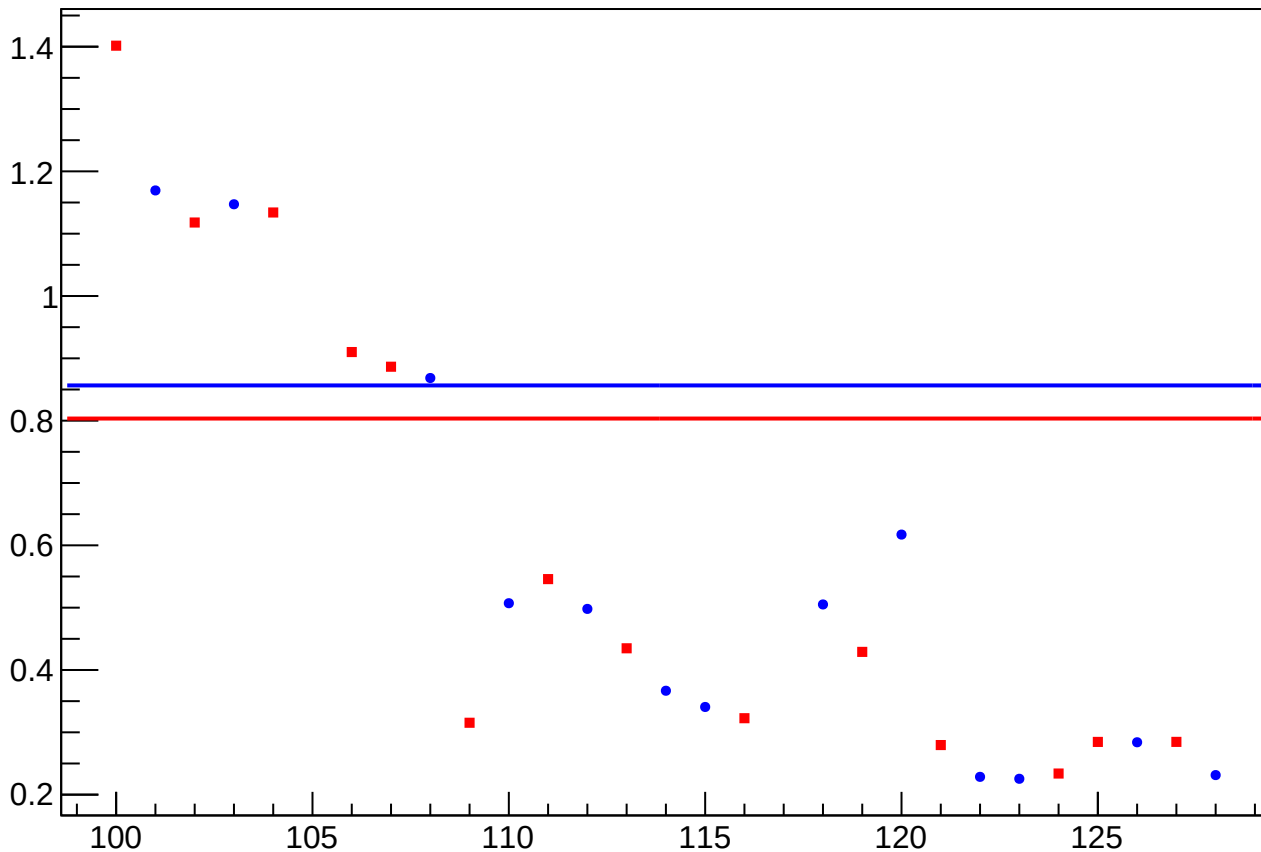
Right: 0.004+/-0.000 χ^2/NDF : 370318.3/26

In: 0.004+/-0.000 χ^2/NDF :154354.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 370318.3/26

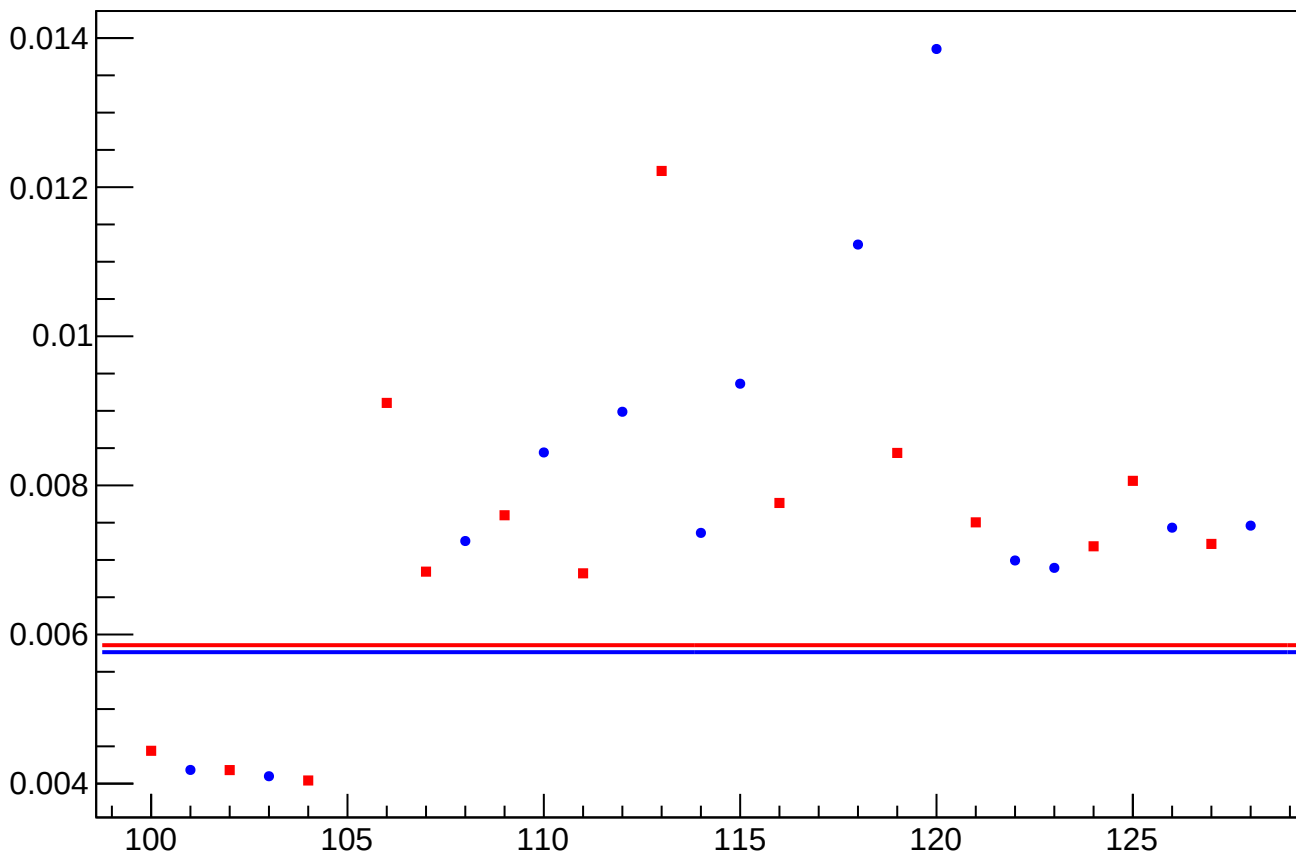
yield_bpm0l05X_mean vs Slug, Sign Corrected



Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Right: 0.829 +/- 0.000 χ^2/NDF : 34244781885.6/26
 In: 0.857 +/- 0.000 χ^2/NDF : 16488515874.6/12
 Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 All: 0.829 +/- 0.000 χ^2/NDF : 34244781885.6/26

Right In: 0.857 +/- 0.000 χ^2/NDF : 16488515874.6/12
 Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Right Out: 0.803 +/- 0.000 χ^2/NDF : 17593778155.2/13
 Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 1042180.2/12

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

Right Out: 0.006+/-0.000 χ^2/NDF : 893368.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

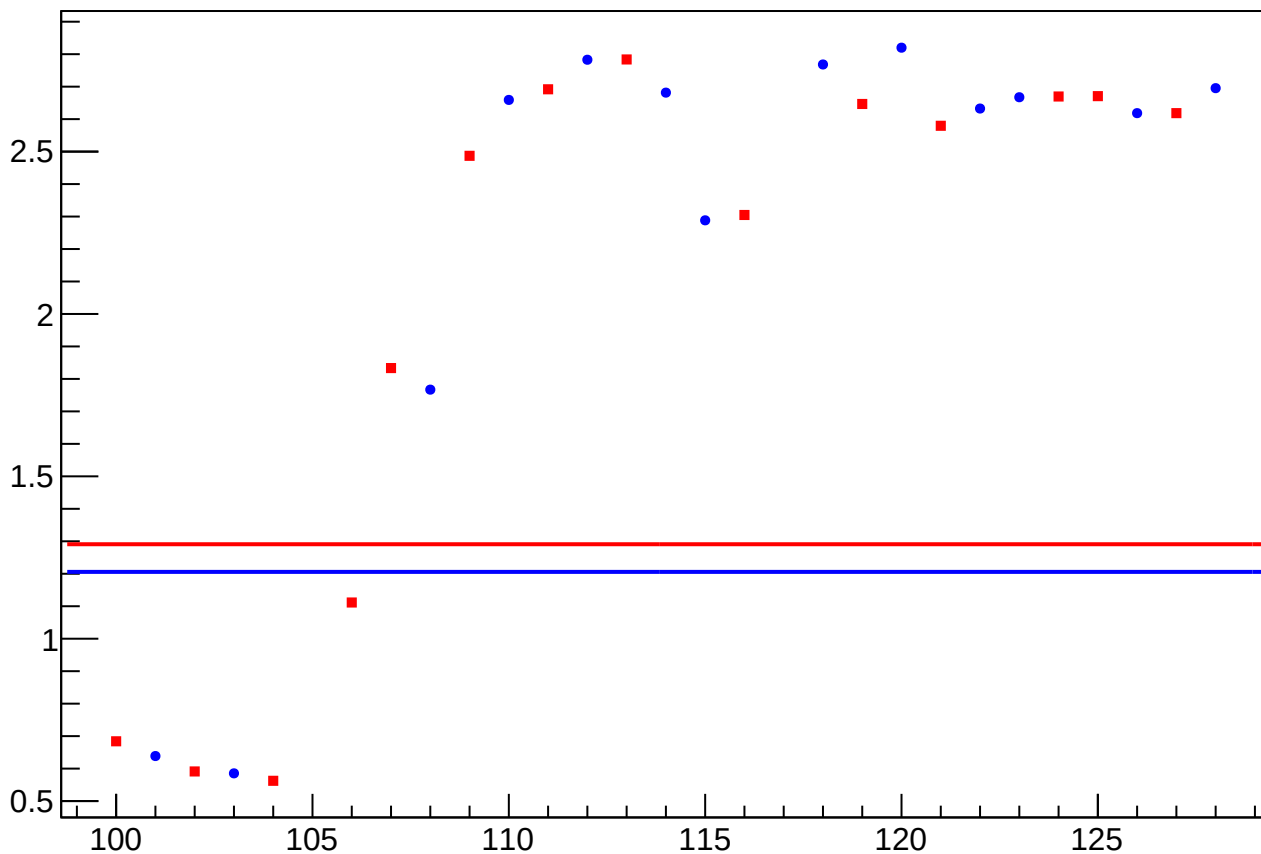
Right: 0.006+/-0.000 χ^2/NDF : 1936558.2/26

In: 0.006+/-0.000 χ^2/NDF : 1042180.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1936558.2/26

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 1.206+/-0.000

χ^2/NDF : 94953120141.5/12

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 1.250+/-0.000 χ^2/NDF : 203697845550.5/26

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 1.206+/-0.000 χ^2/NDF : 94953120141.5/12

Right Out: 1.291+/-0.000

χ^2/NDF : 108310715107.6/13

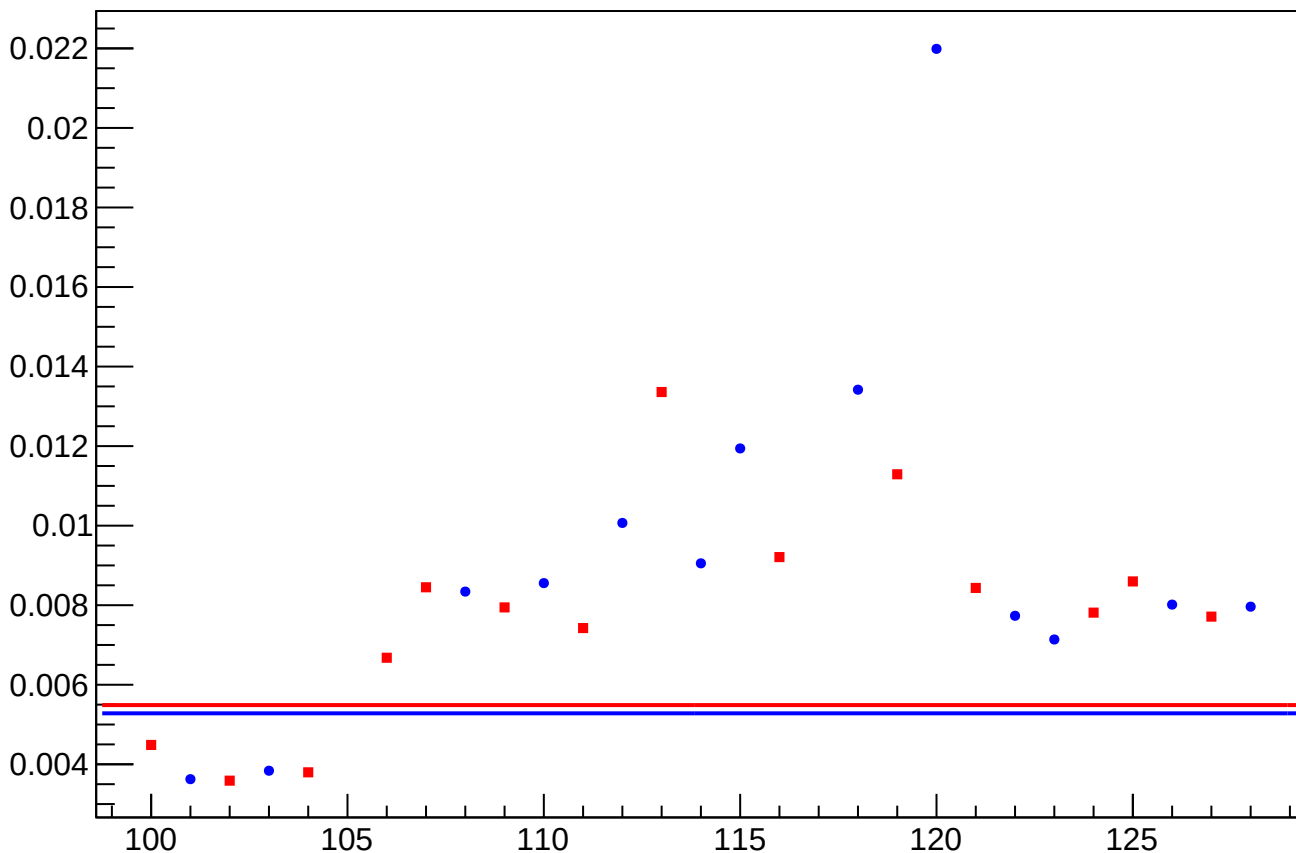
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.250+/-0.000 χ^2/NDF : 203697845550.5

yield_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1585263.6/12

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

Right Out: 0.005+/-0.000 χ^2/NDF : 1408068.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

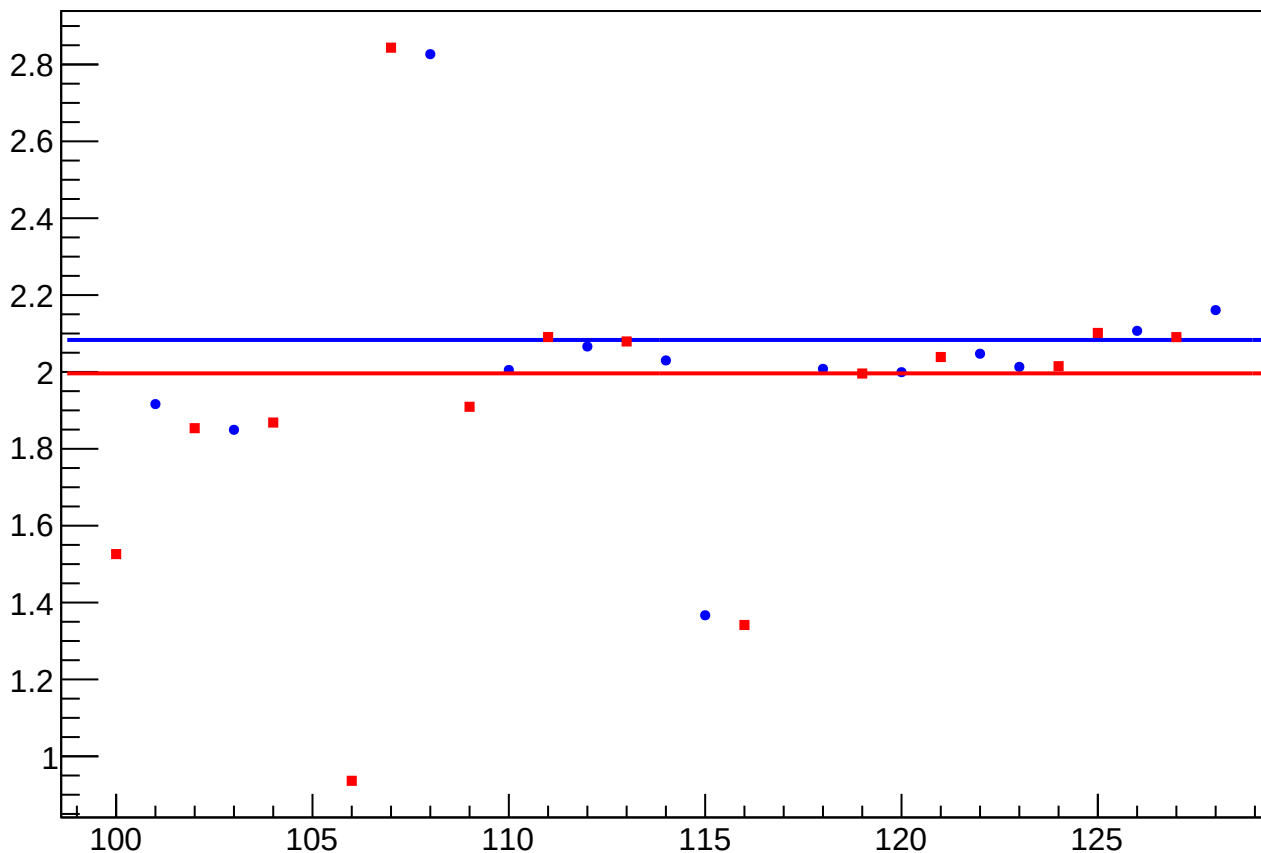
Right: 0.005+/-0.000 χ^2/NDF : 2998478.6/26

In: 0.005+/-0.000 χ^2/NDF :1585263.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2998478.6/26

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.083+/-0.000

χ^2/NDF : 7473723611.7/12

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 2.036+/-0.000 χ^2/NDF : 23117095573.5/26

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 2.083+/-0.000 χ^2/NDF : 7473723611.7/12

Right Out: 1.996+/-0.000 χ^2/NDF : 15266430104.9/13

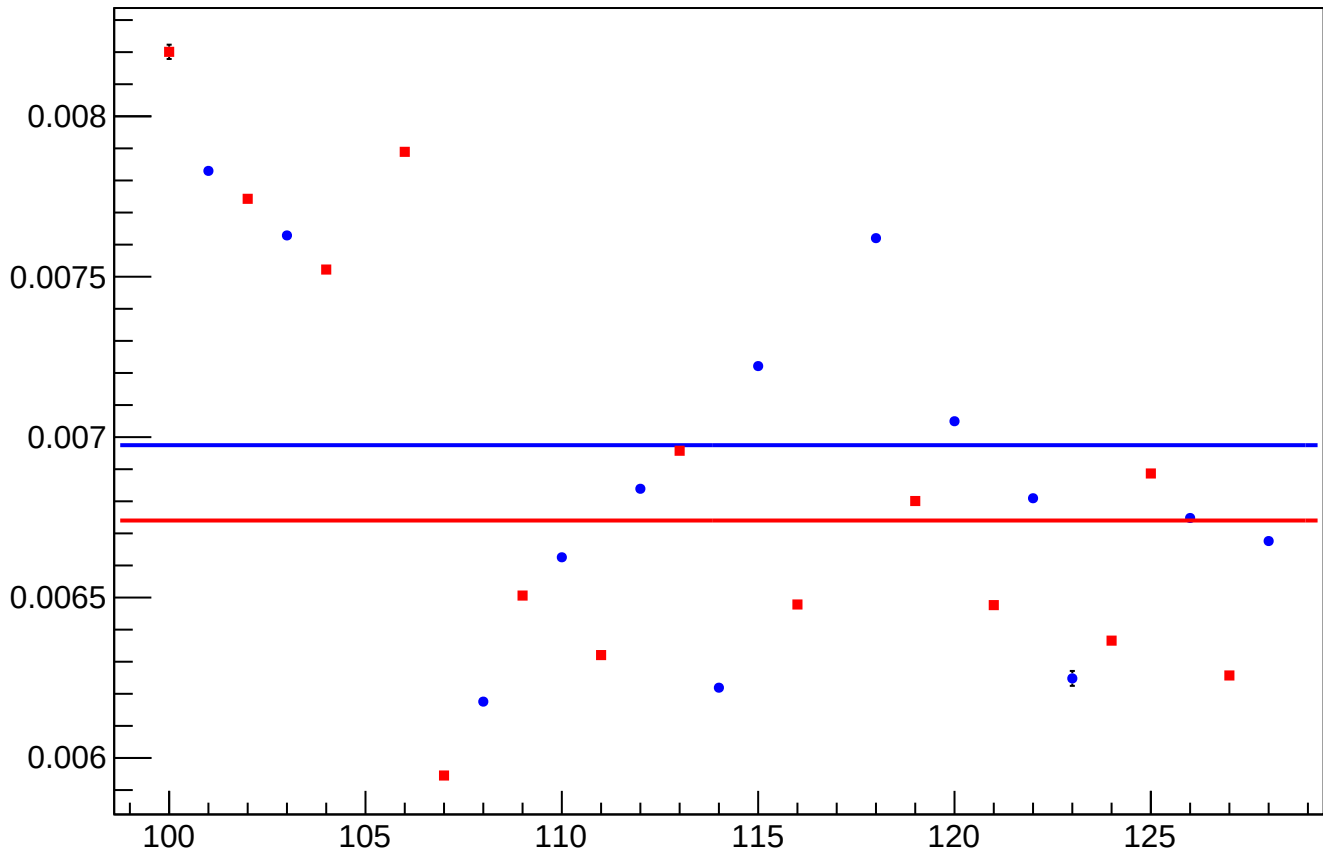
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 2.036+/-0.000 χ^2/NDF : 23117095573.5/26

yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 49605.3/12

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

Right Out: 0.007+/-0.000 χ^2/NDF : 69976.2/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

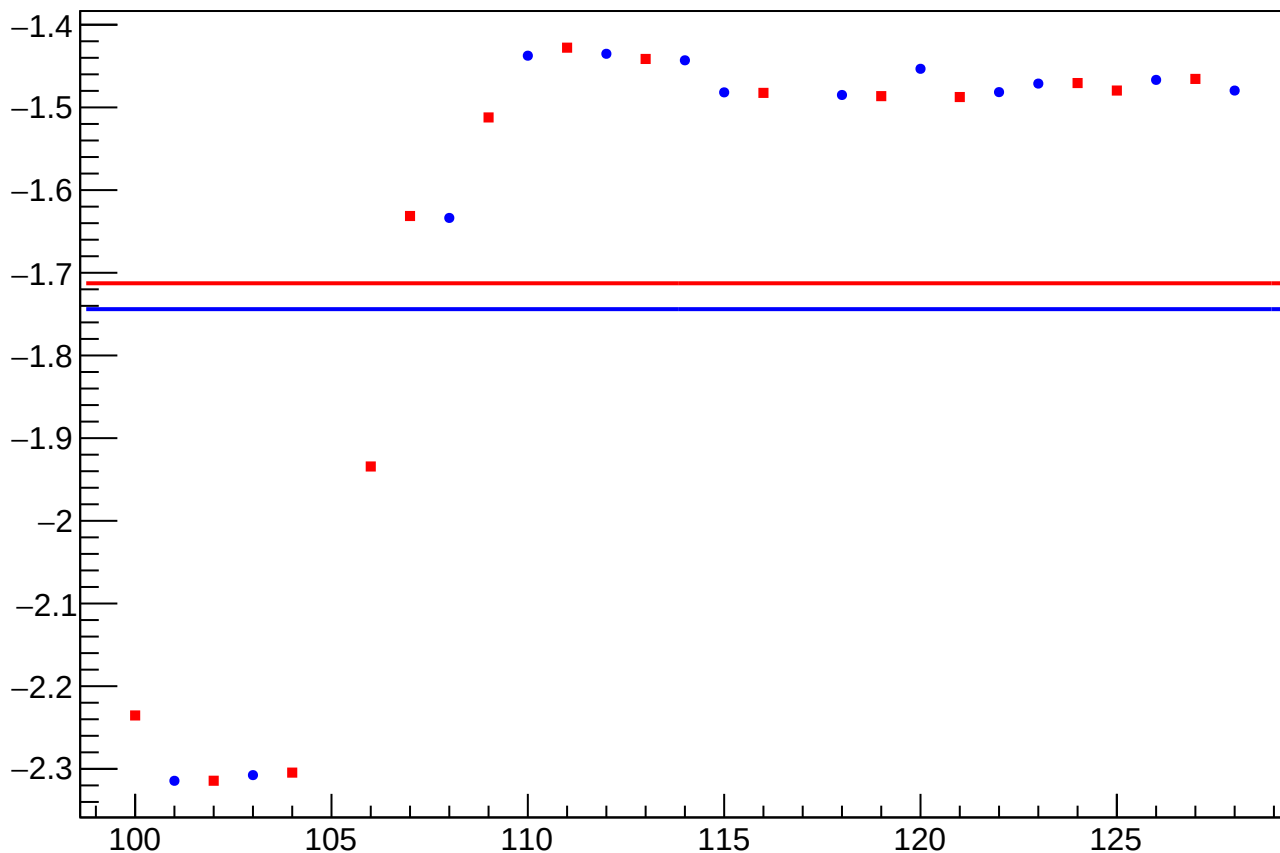
Right: 0.007+/-0.000 χ^2/NDF : 125079.7/26

In: 0.007+/-0.000 χ^2/NDF :49605.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 125079.7/26

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -1.744+/-0.000 χ^2/NDF : 91384109428.9/12

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

Right Out: -1.713+/-0.000 χ^2/NDF : 91276126223.7/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

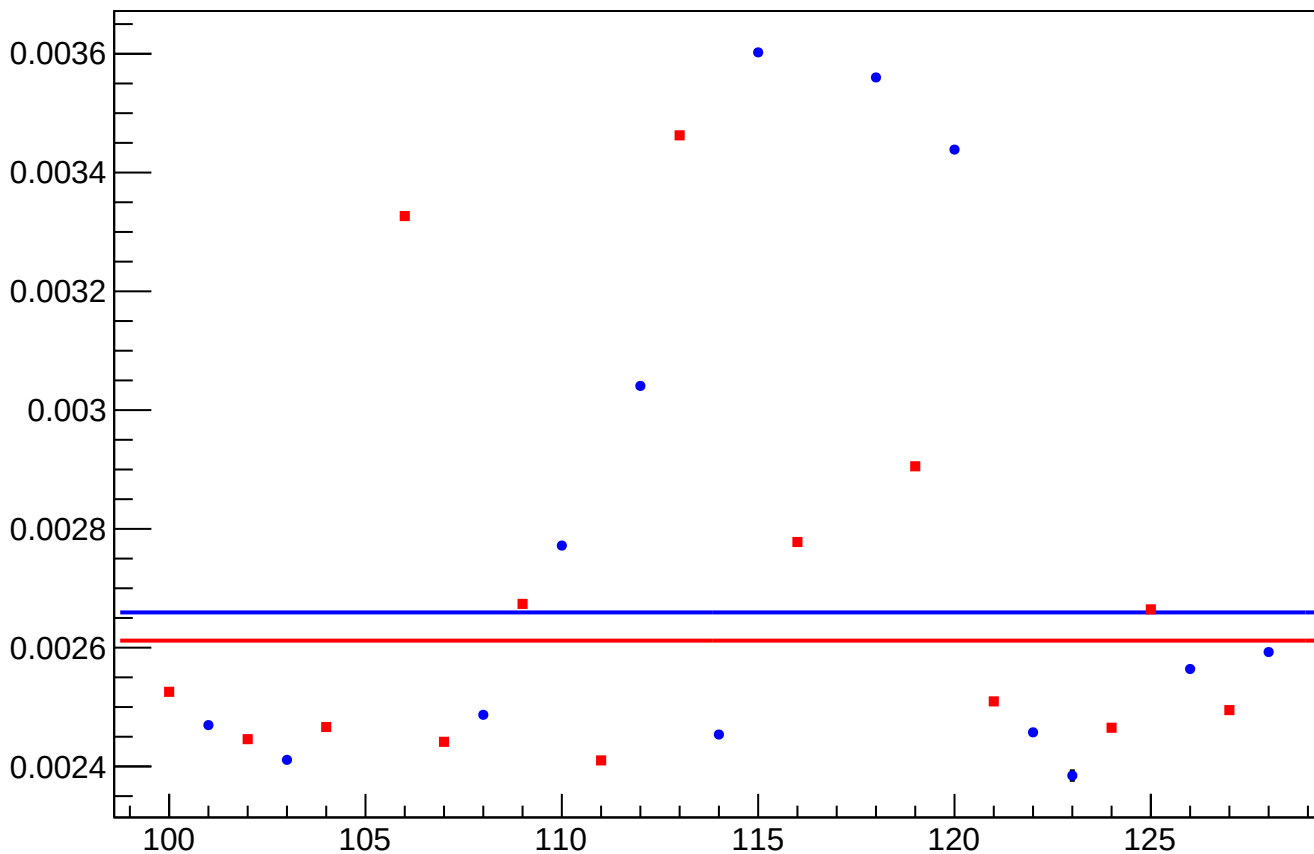
Right: -1.727+/-0.000 χ^2/NDF : 182984623712.1/26

In: -1.744+/-0.000 χ^2/NDF :91384109428.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.727+/-0.000 χ^2/NDF : 182984623712.1

yield_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 148078.2/12

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

Right Out: 0.003+/-0.000 χ^2/NDF : 102329.6/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

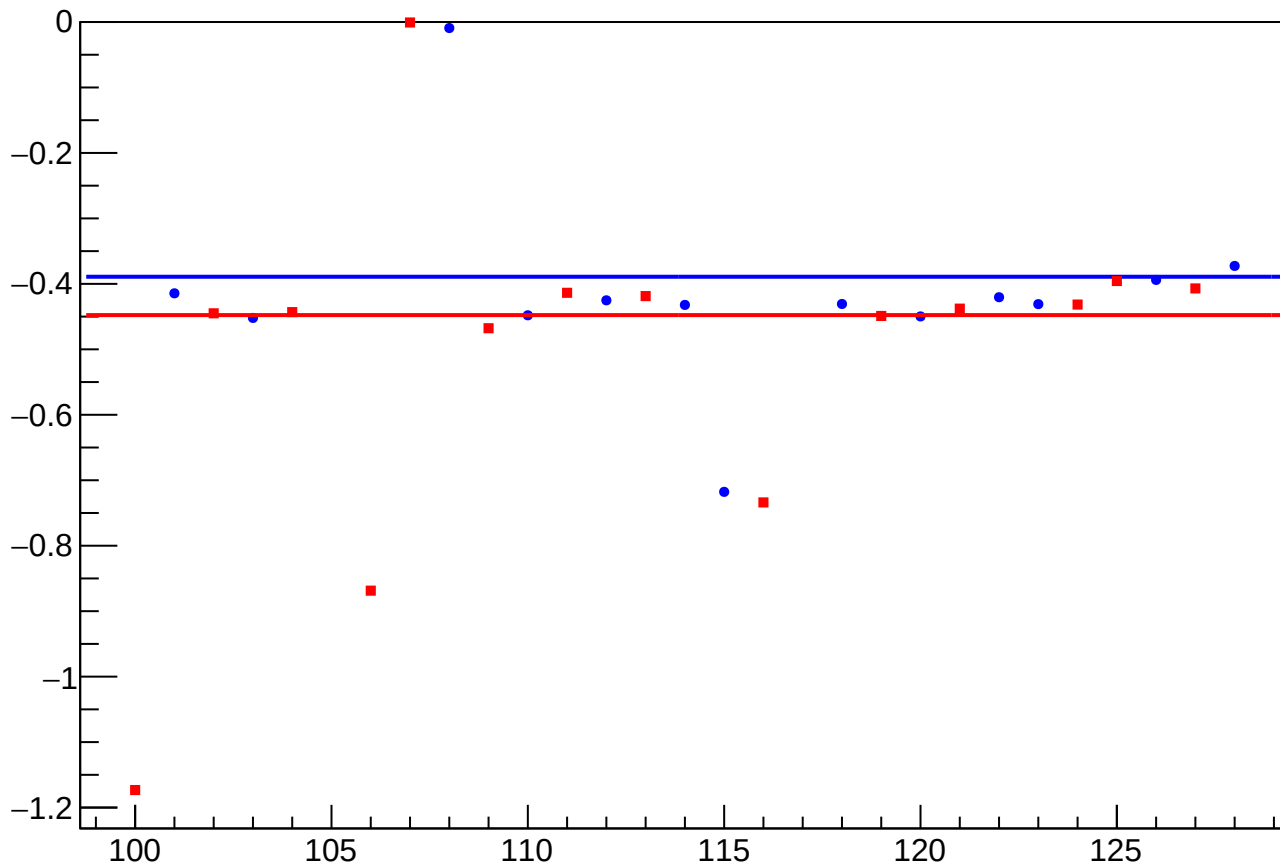
Right: 0.003+/-0.000 χ^2/NDF : 251902.9/26

In: 0.003+/-0.000 χ^2/NDF :148078.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 251902.9/26

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.389+/-0.000 χ^2/NDF : 658372644.1/12

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

Right Out: -0.448+/-0.000 χ^2/NDF : 1623895433.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

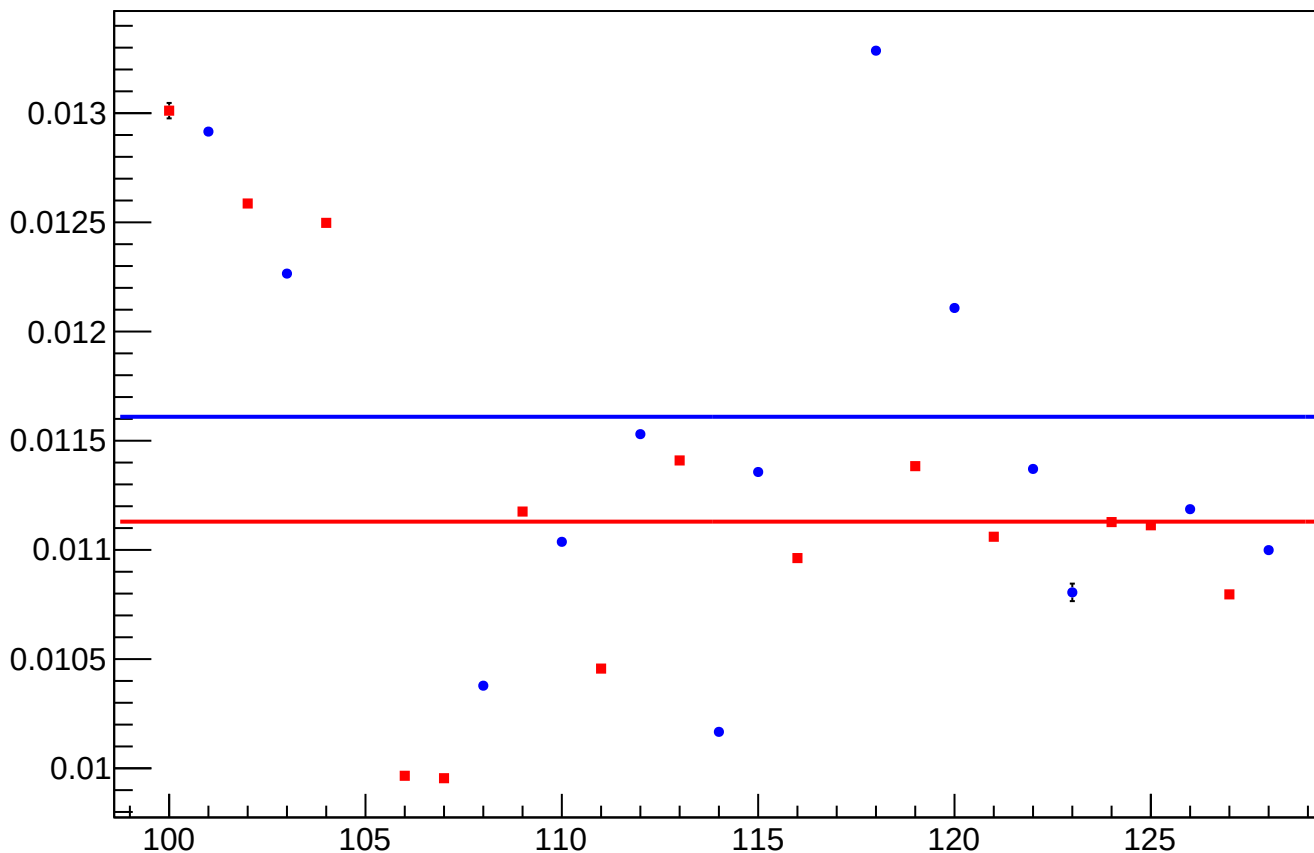
Right: -0.421+/-0.000 χ^2/NDF : 2346169131.6/26

In: -0.389+/-0.000 χ^2/NDF : 658372644.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.421+/-0.000 χ^2/NDF : 2346169131.6/26

yield_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 52350.8/12

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

Right Out: 0.011+/-0.000 χ^2/NDF : 51794.5/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

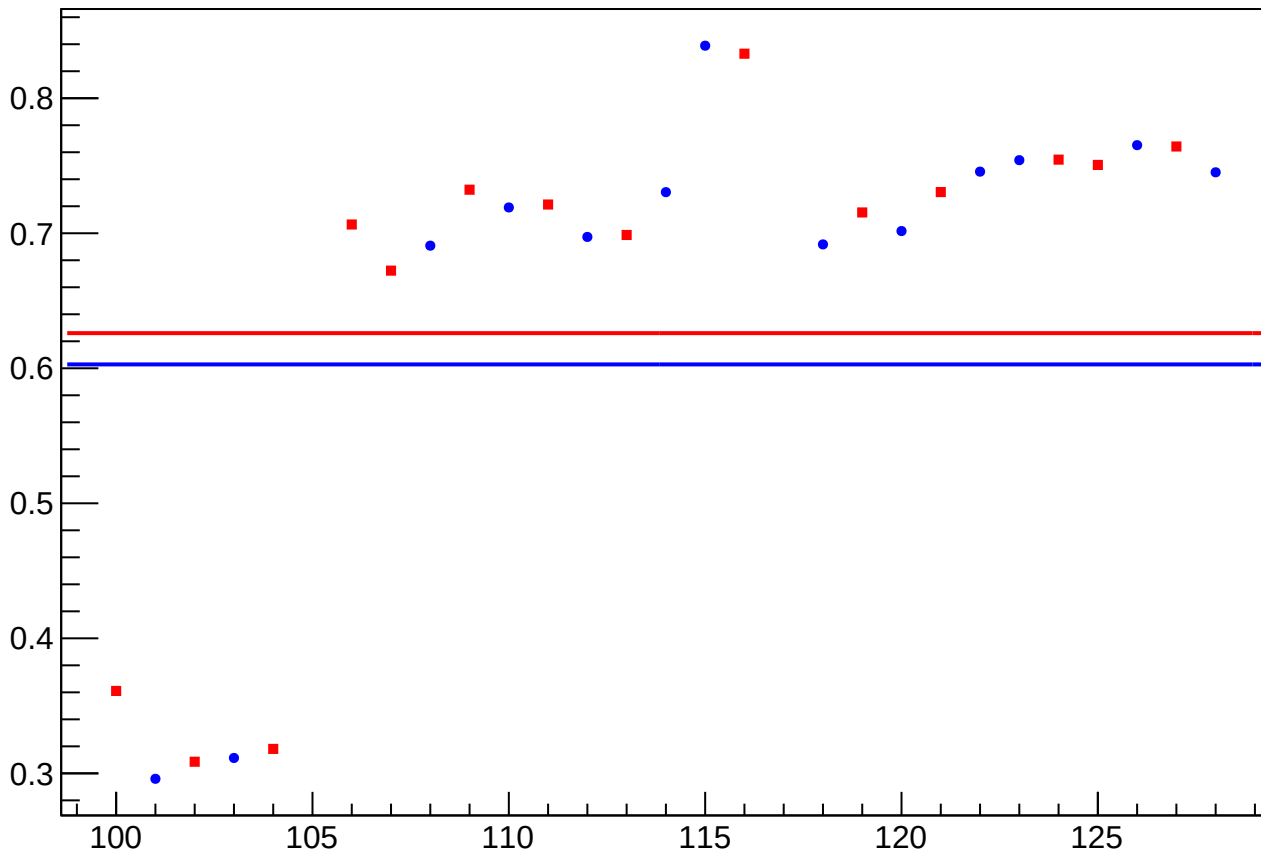
Right: 0.011+/-0.000 χ^2/NDF : 112732.7/26

In: 0.012+/-0.000 χ^2/NDF :52350.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 112732.7/26

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.603+/-0.000 χ^2/NDF : 25546462838.7/12

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

Right Out: 0.626+/-0.000 χ^2/NDF : 24523189932.5/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

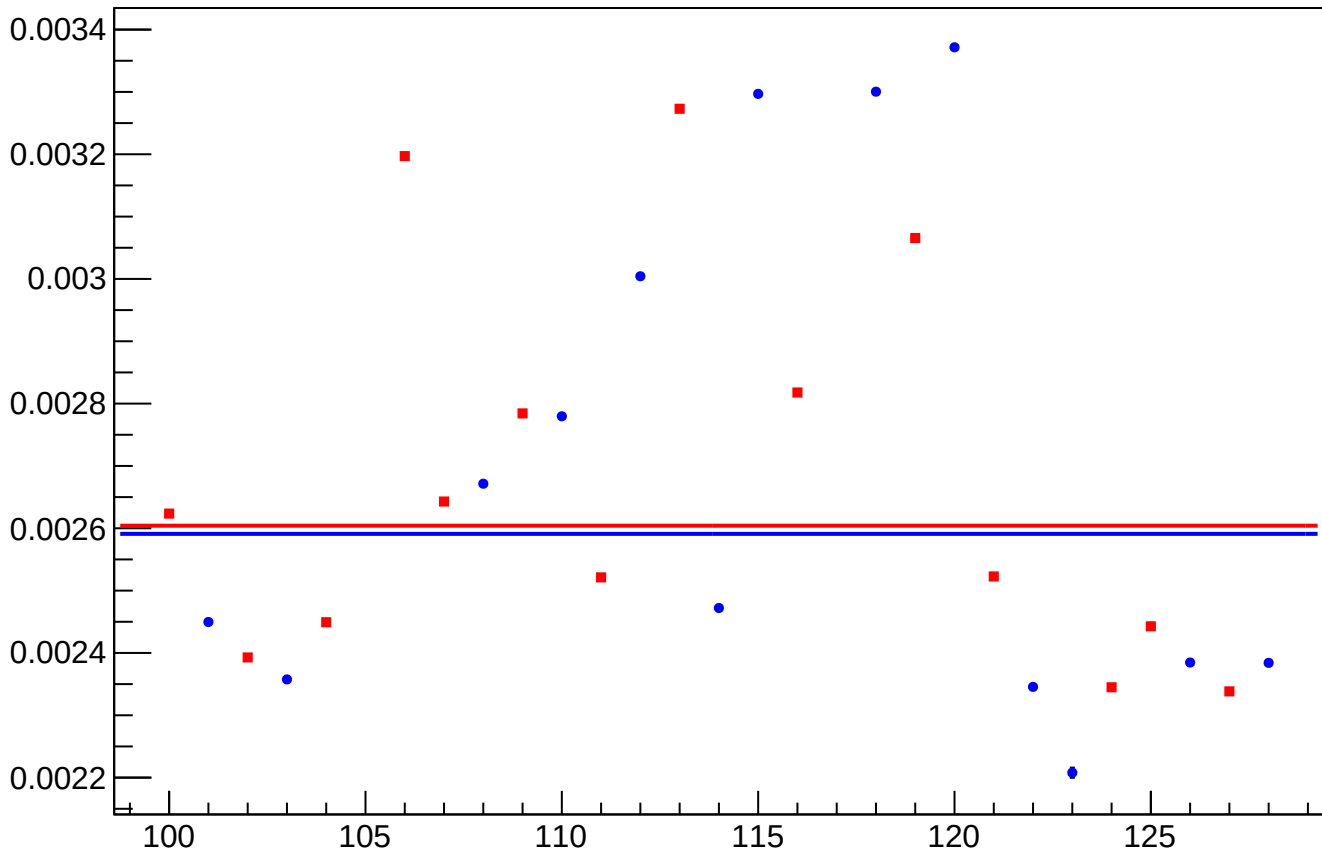
Right: 0.615+/-0.000 χ^2/NDF : 50254034036.5/26

In: 0.603+/-0.000 χ^2/NDF :25546462838.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.615+/-0.000 χ^2/NDF : 50254034036.5/26

yield_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 144426.6/12

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

Right Out: 0.003+/-0.000 χ^2/NDF : 106752.5/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

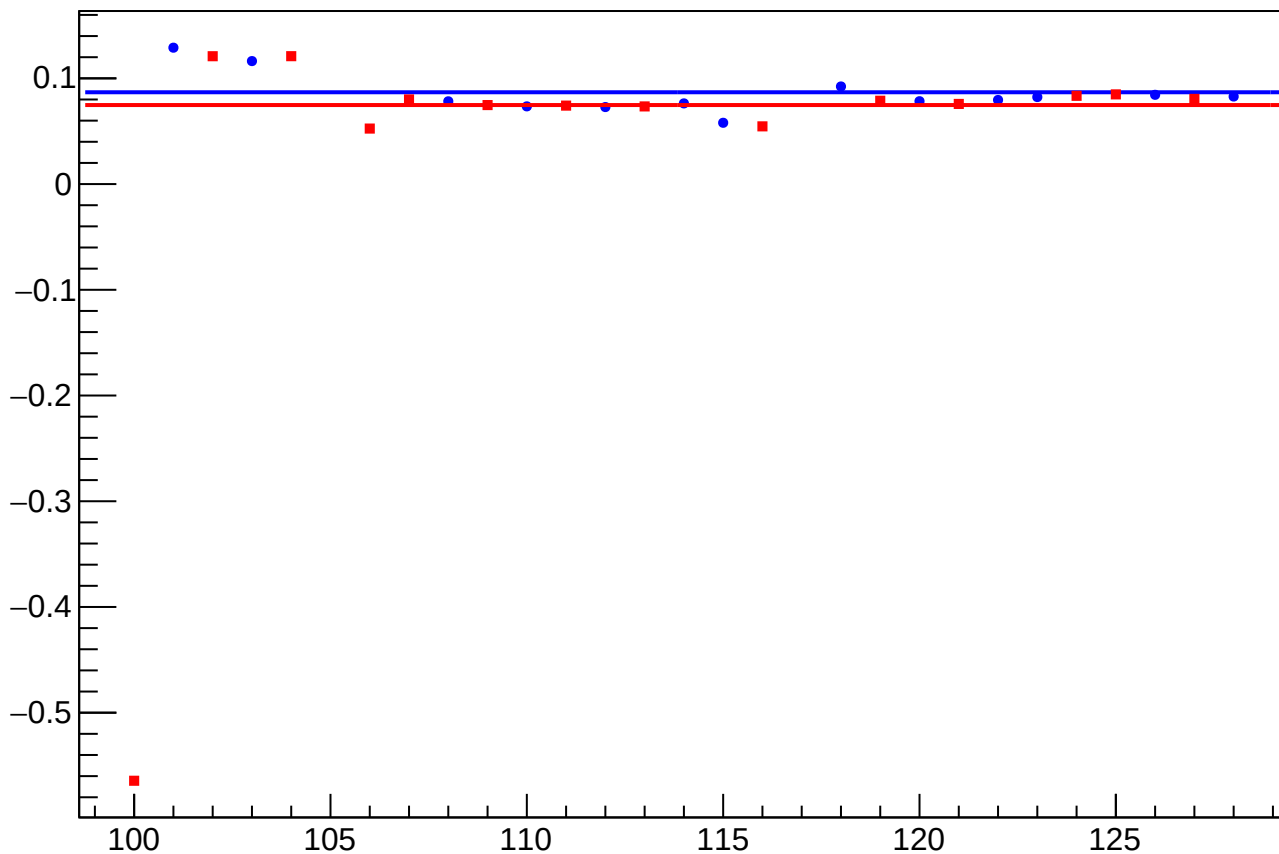
Right: 0.003+/-0.000 χ^2/NDF : 251297.3/26

In: 0.003+/-0.000 χ^2/NDF :144426.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 251297.3/26

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.087+/-0.000 χ^2/NDF : 14979729.8/12

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

Right Out: 0.075+/-0.000 χ^2/NDF : 221517503.7/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

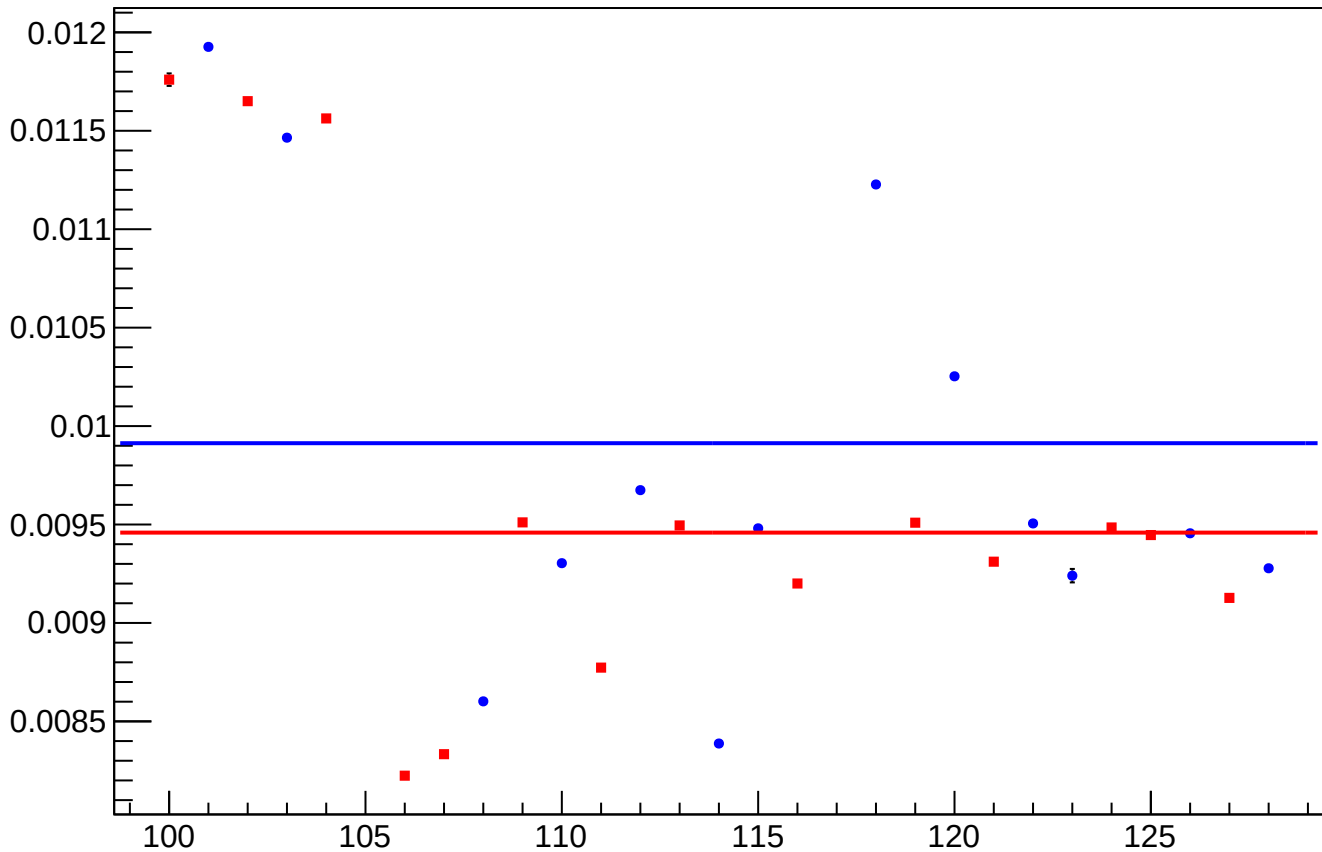
Right: 0.080+/-0.000 χ^2/NDF : 240221565.1/26

In: 0.087+/-0.000 χ^2/NDF :14979729.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.080+/-0.000 χ^2/NDF : 240221565.1/26

yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 102885.8/12

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

Right Out: 0.009+/-0.000 χ^2/NDF : 107487.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

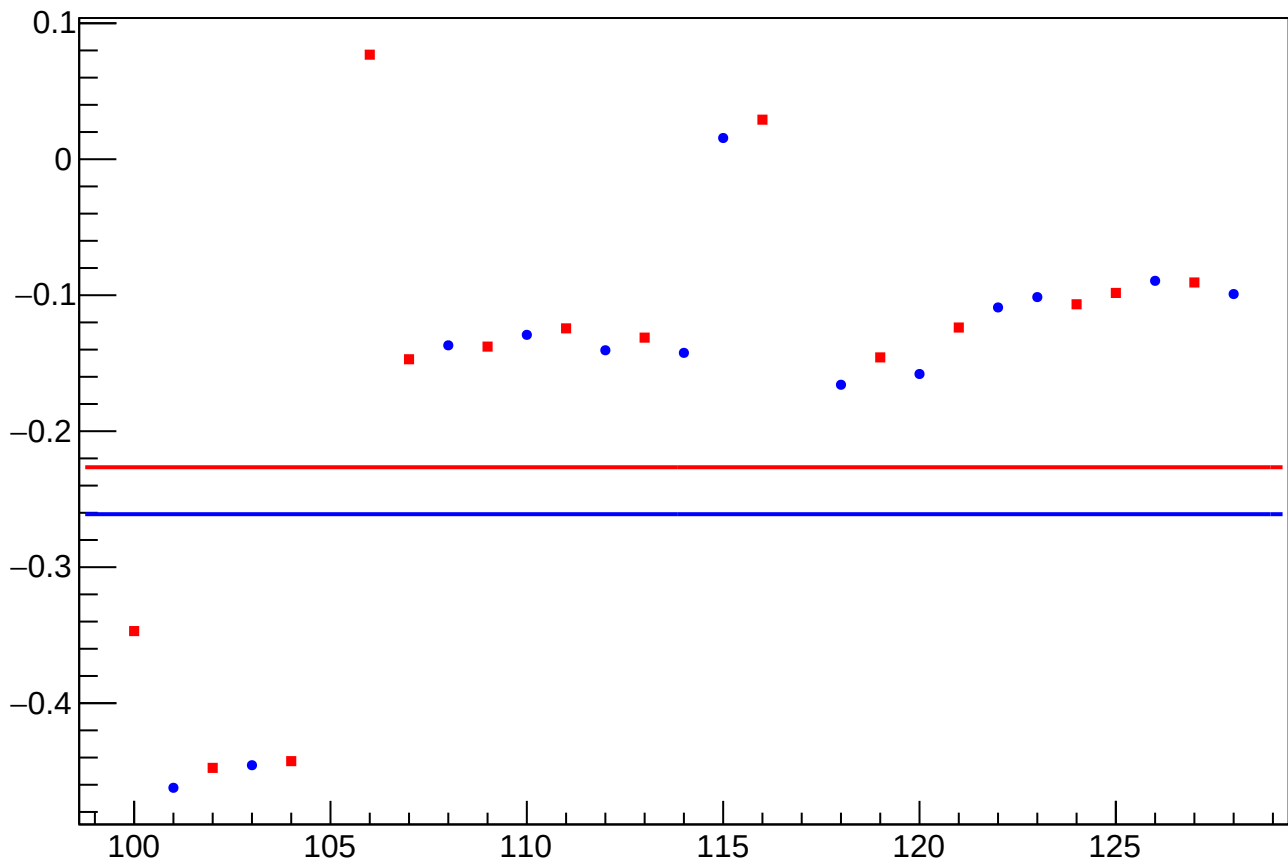
Right: 0.010+/-0.000 χ^2/NDF : 220886.3/26

In: 0.010+/-0.000 χ^2/NDF :102885.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.000 χ^2/NDF : 220886.3/26

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.261+/-0.000 χ^2/NDF : 5821317870.9/12

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

Right Out: -0.227+/-0.000 χ^2/NDF : 6384645533.2/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

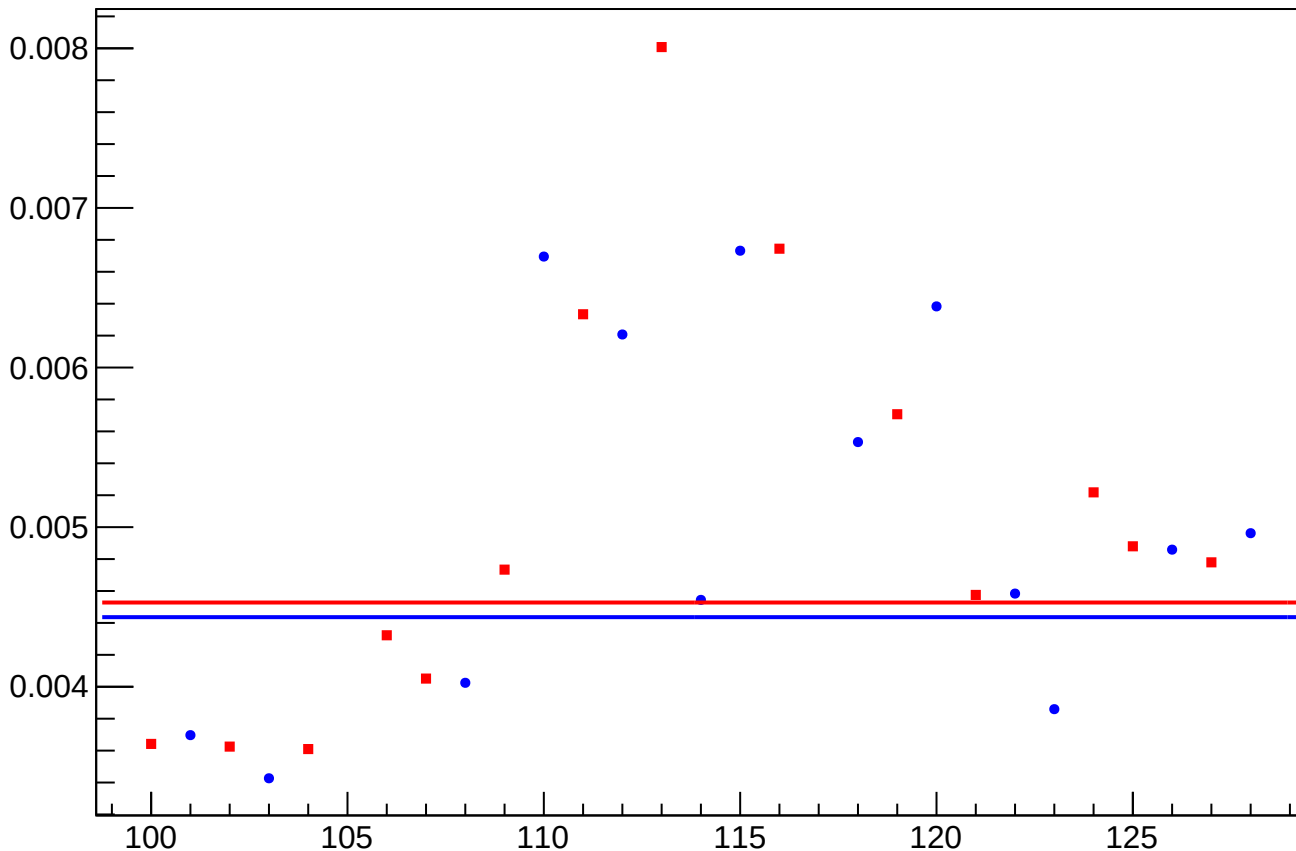
Right: -0.243+/-0.000 χ^2/NDF : 12336175552.9/26

In: -0.261+/-0.000 χ^2/NDF :5821317870.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.243+/-0.000 χ^2/NDF : 12336175552.9/26

yield_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 425981.1/12

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

Right Out: 0.005+/-0.000 χ^2/NDF : 468617.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

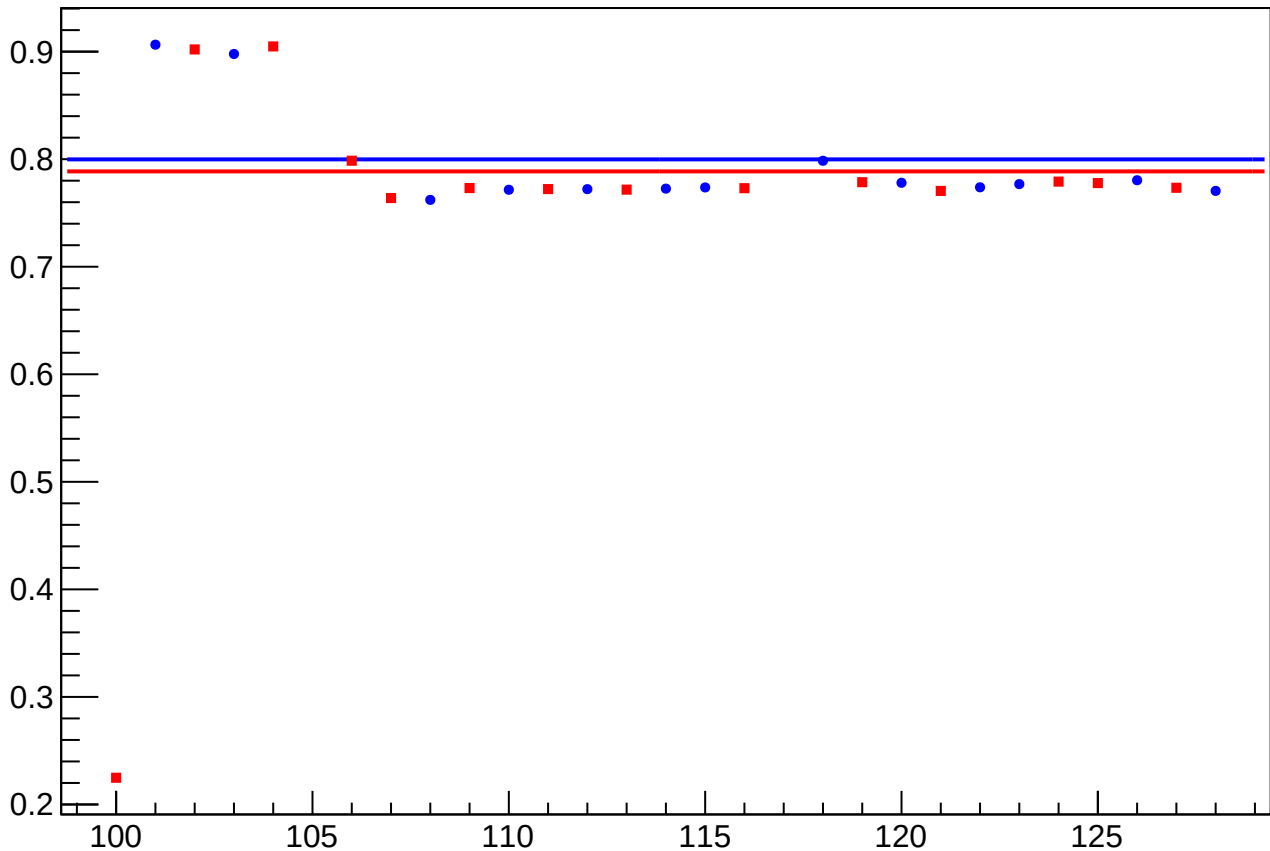
Right: 0.004+/-0.000 χ^2/NDF : 896436.6/26

In: 0.004+/-0.000 χ^2/NDF :425981.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 896436.6/26

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.800+/-0.000 χ^2/NDF : 96706134.2/12

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

Right Out: 0.789+/-0.000 χ^2/NDF : 239223863.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

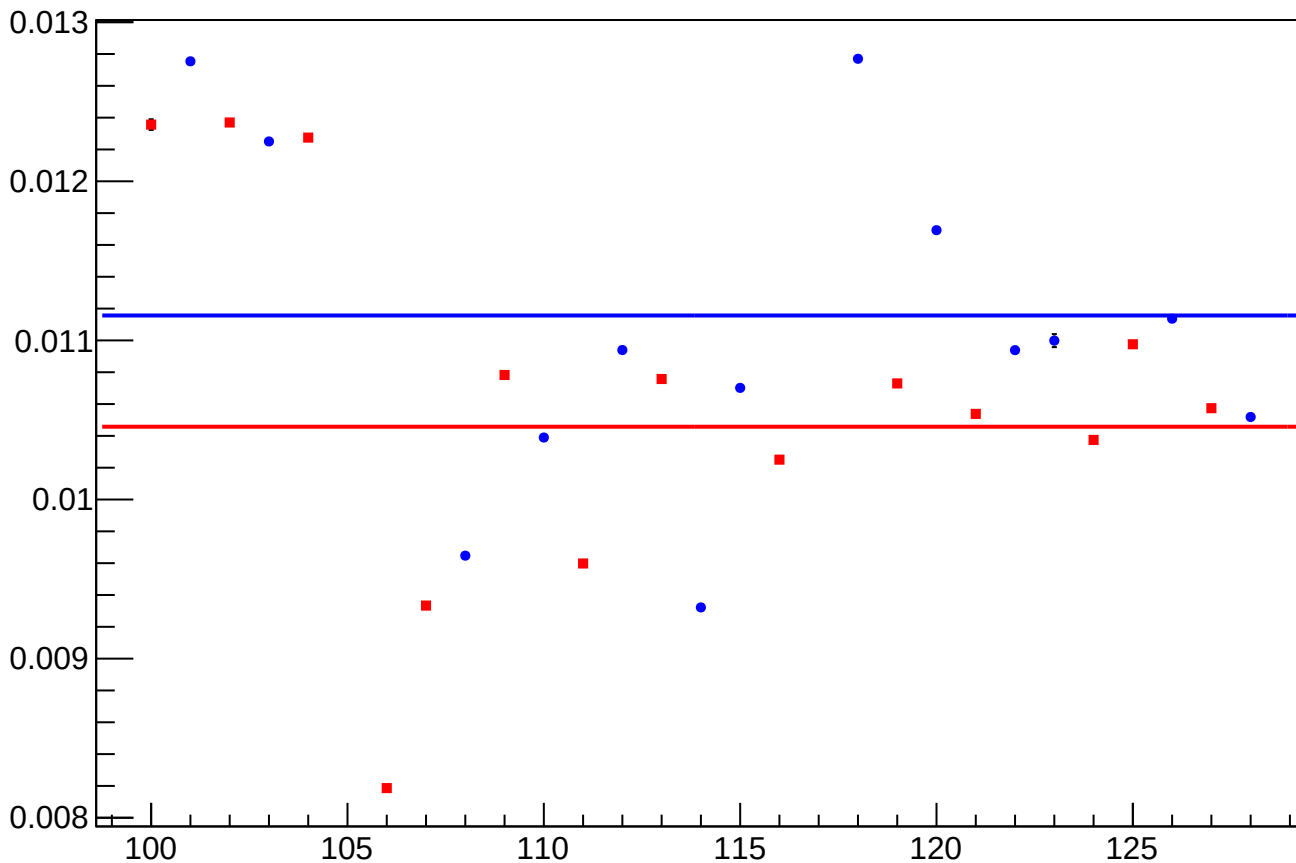
Right: 0.794+/-0.000 χ^2/NDF : 338479054.7/26

In: 0.800+/-0.000 χ^2/NDF : 96706134.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.794+/-0.000 χ^2/NDF : 338479054.7/26

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 77727.2/12

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

Right Out: 0.010+/-0.000 χ^2/NDF : 115571.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

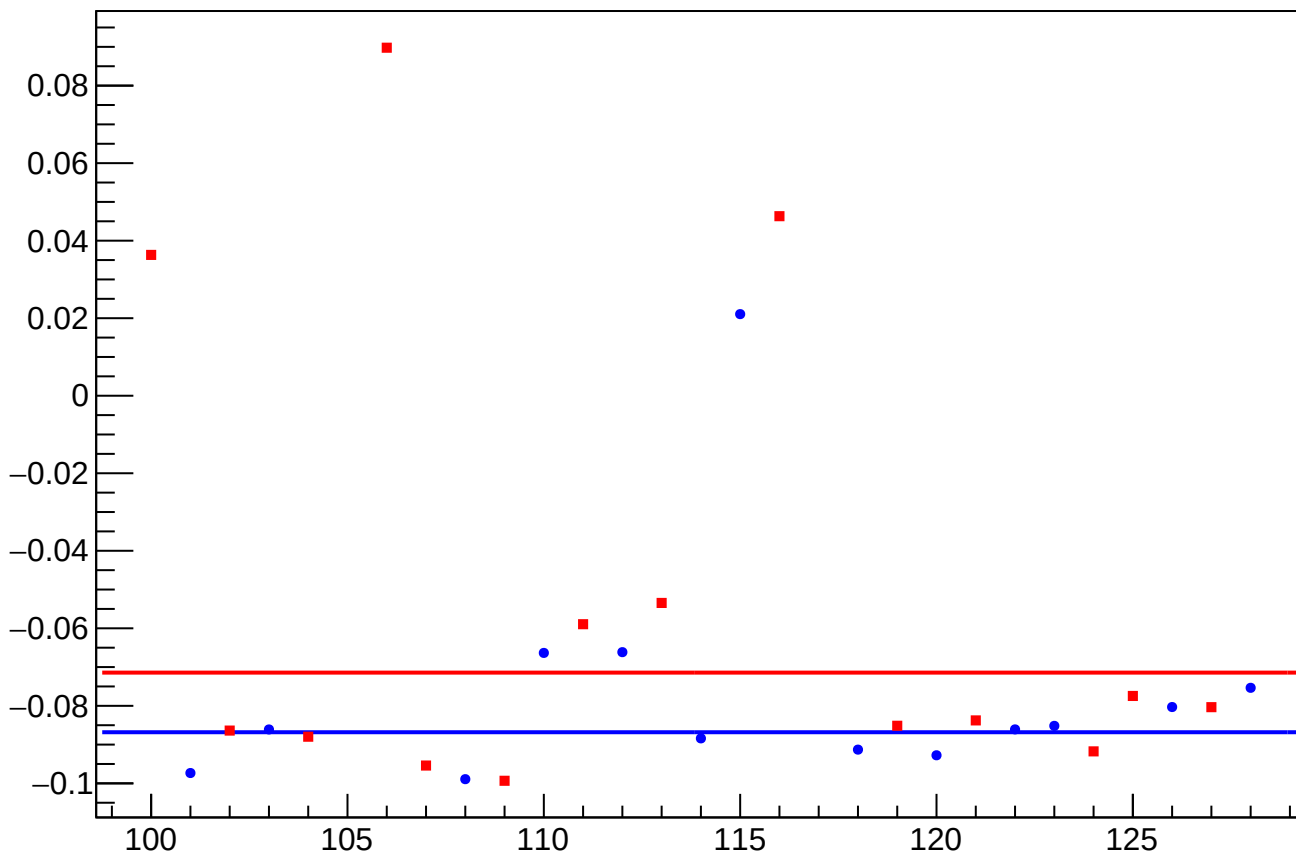
Right: 0.011+/-0.000 χ^2/NDF : 213278.2/26

In: 0.011+/-0.000 χ^2/NDF : 77727.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 213278.2/26

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -0.087+/-0.000 χ^2/NDF : 38243133.5/12

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

Right Out: -0.071+/-0.000 χ^2/NDF : 428602520.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

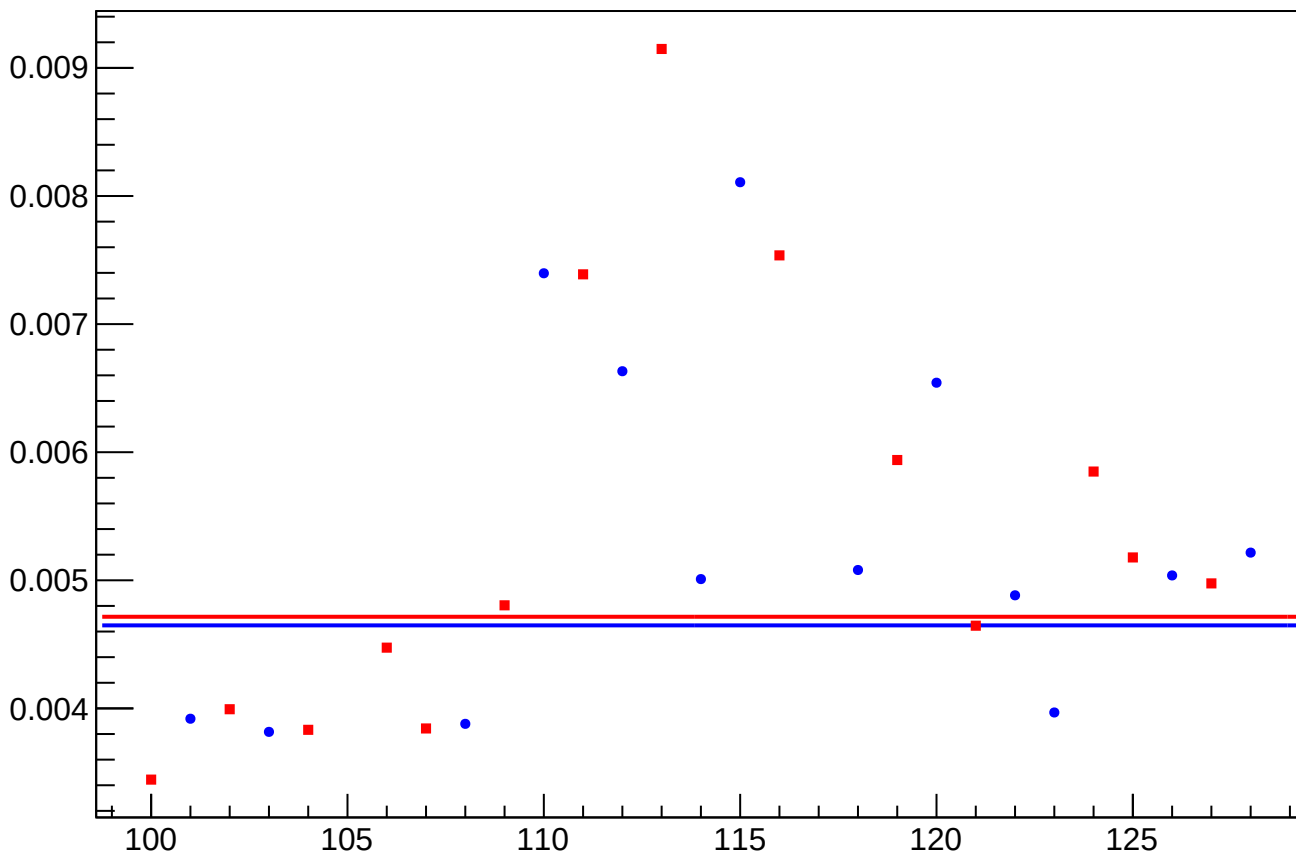
Right: -0.079+/-0.000 χ^2/NDF : 489757087.7/26

In: -0.087+/-0.000 χ^2/NDF :38243133.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.079+/-0.000 χ^2/NDF : 489757087.7/26

yield_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 392530.4/12

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

Right Out: 0.005+/-0.000 χ^2/NDF : 549927.8/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

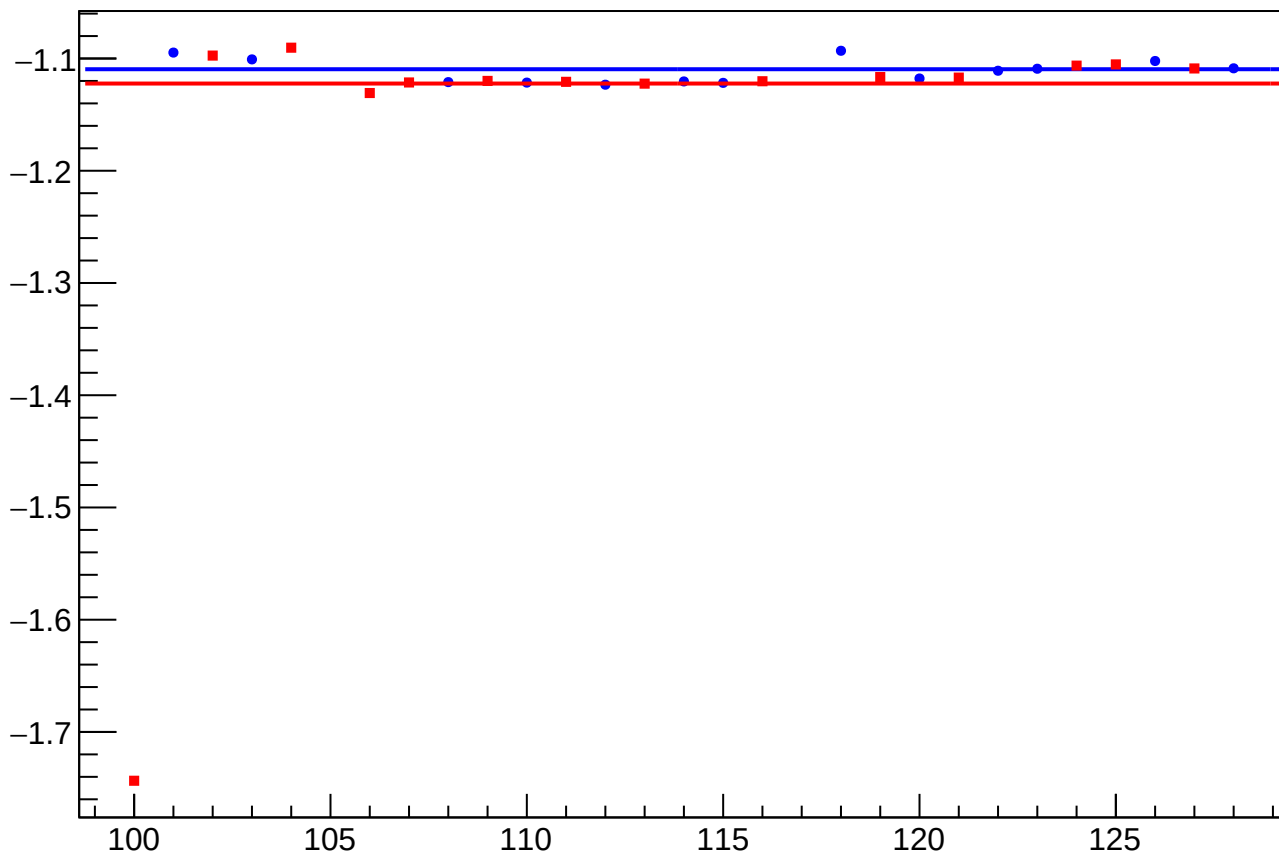
Right: 0.005+/-0.000 χ^2/NDF : 943335.0/26

In: 0.005+/-0.000 χ^2/NDF :392530.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 943335.0/26

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -1.110+/-0.000 χ^2/NDF : 3700393.0/12

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

Right Out: -1.122+/-0.000 χ^2/NDF : 206616289.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

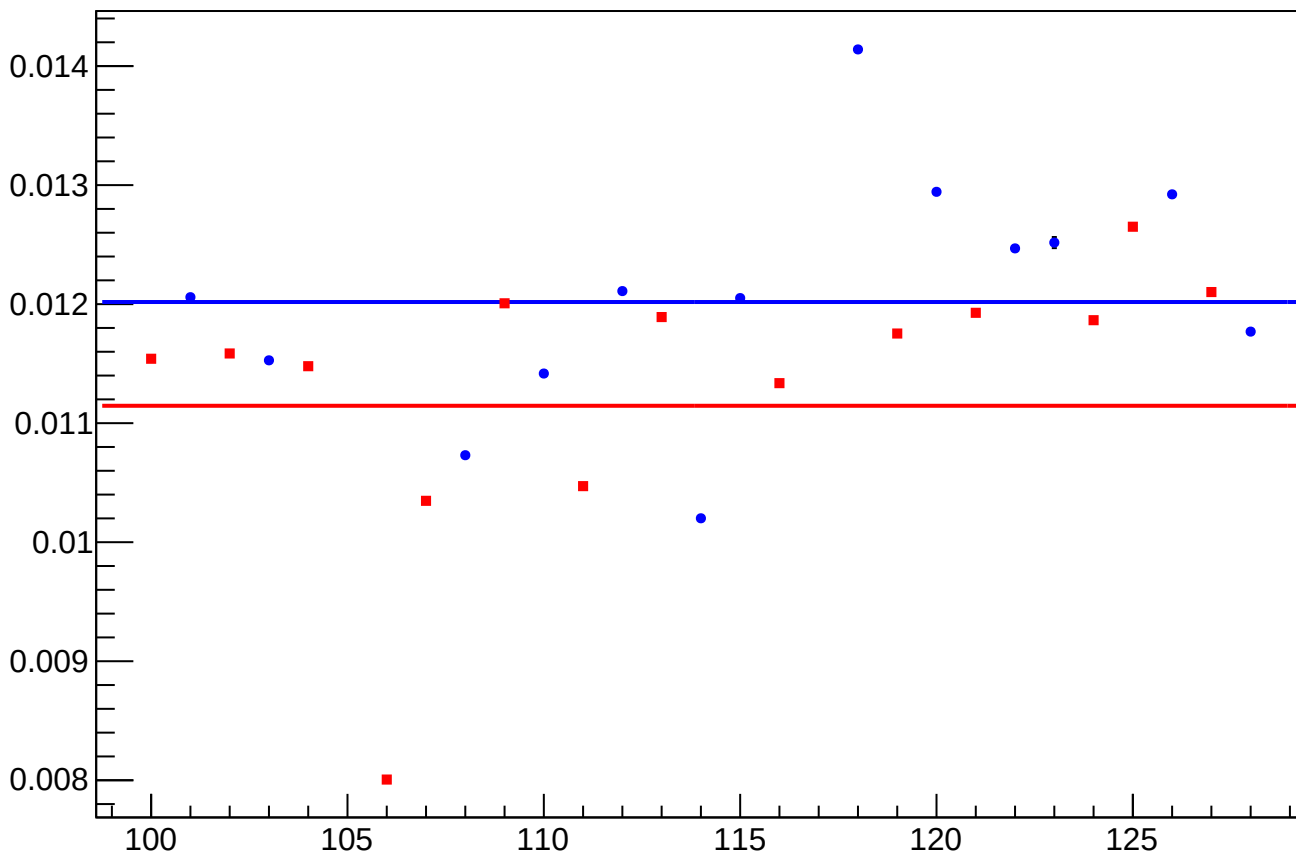
Right: -1.117+/-0.000 χ^2/NDF : 213204555.5/26

In: -1.110+/-0.000 χ^2/NDF :3700393.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.117+/-0.000 χ^2/NDF : 213204555.5/26

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 50525.1/12

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

Right Out: 0.011+/-0.000 χ^2/NDF : 130493.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

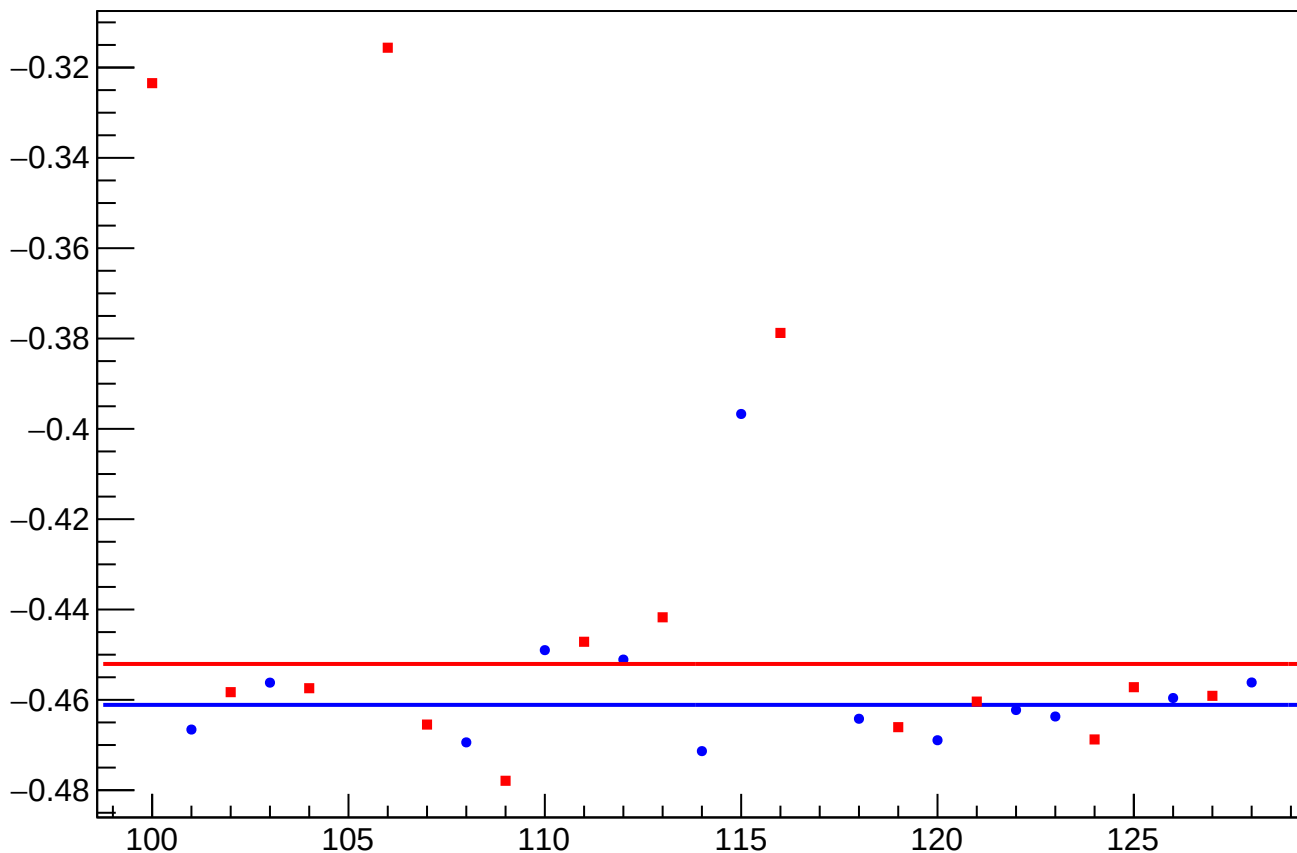
Right: 0.012+/-0.000 χ^2/NDF : 207984.5/26

In: 0.012+/-0.000 χ^2/NDF : 50525.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 207984.5/26

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.461+/-0.000 χ^2/NDF : 22159149.7/12

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

Right Out: -0.452+/-0.000 χ^2/NDF : 352444100.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

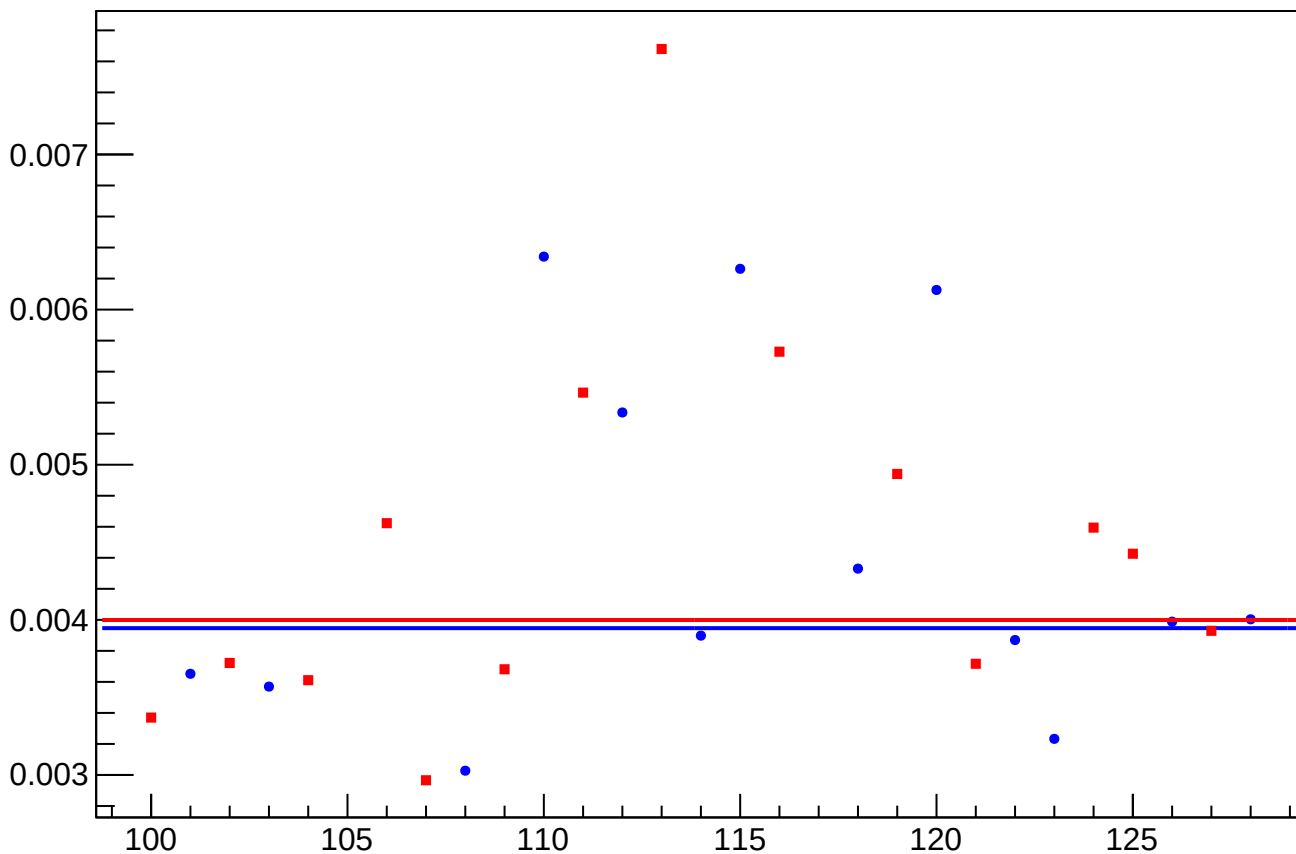
Right: -0.456+/-0.000 χ^2/NDF : 385647352.8/26

In: -0.461+/-0.000 χ^2/NDF :22159149.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.456+/-0.000 χ^2/NDF : 385647352.8/26

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 343632.4/12

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

Right Out: 0.004+/-0.000 χ^2/NDF : 447852.2/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

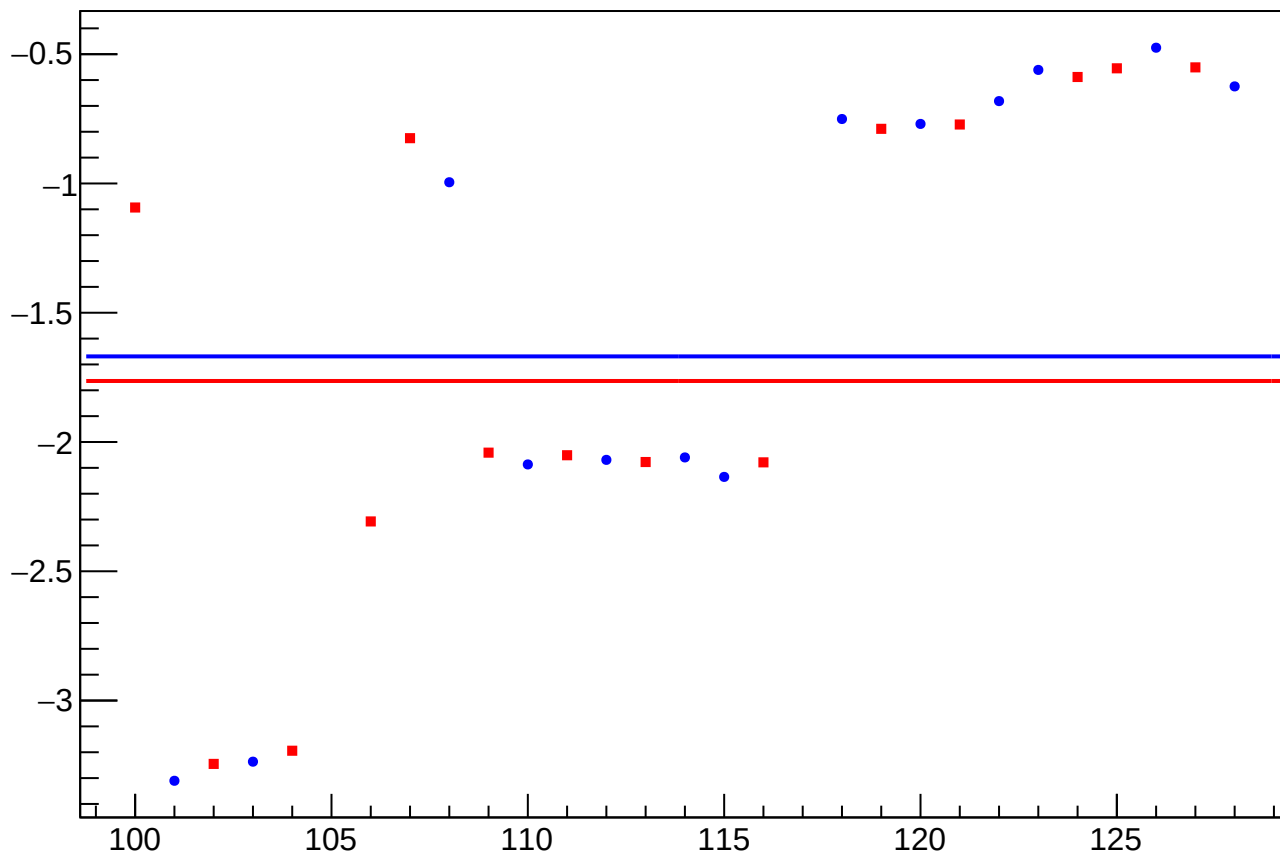
Right: 0.004+/-0.000 χ^2/NDF : 792227.0/26

In: 0.004+/-0.000 χ^2/NDF :343632.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 792227.0/26

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -1.669+/-0.000 χ^2/NDF : 1056669556.7/12

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

Right Out: -1.764+/-0.000 χ^2/NDF : 917730380.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

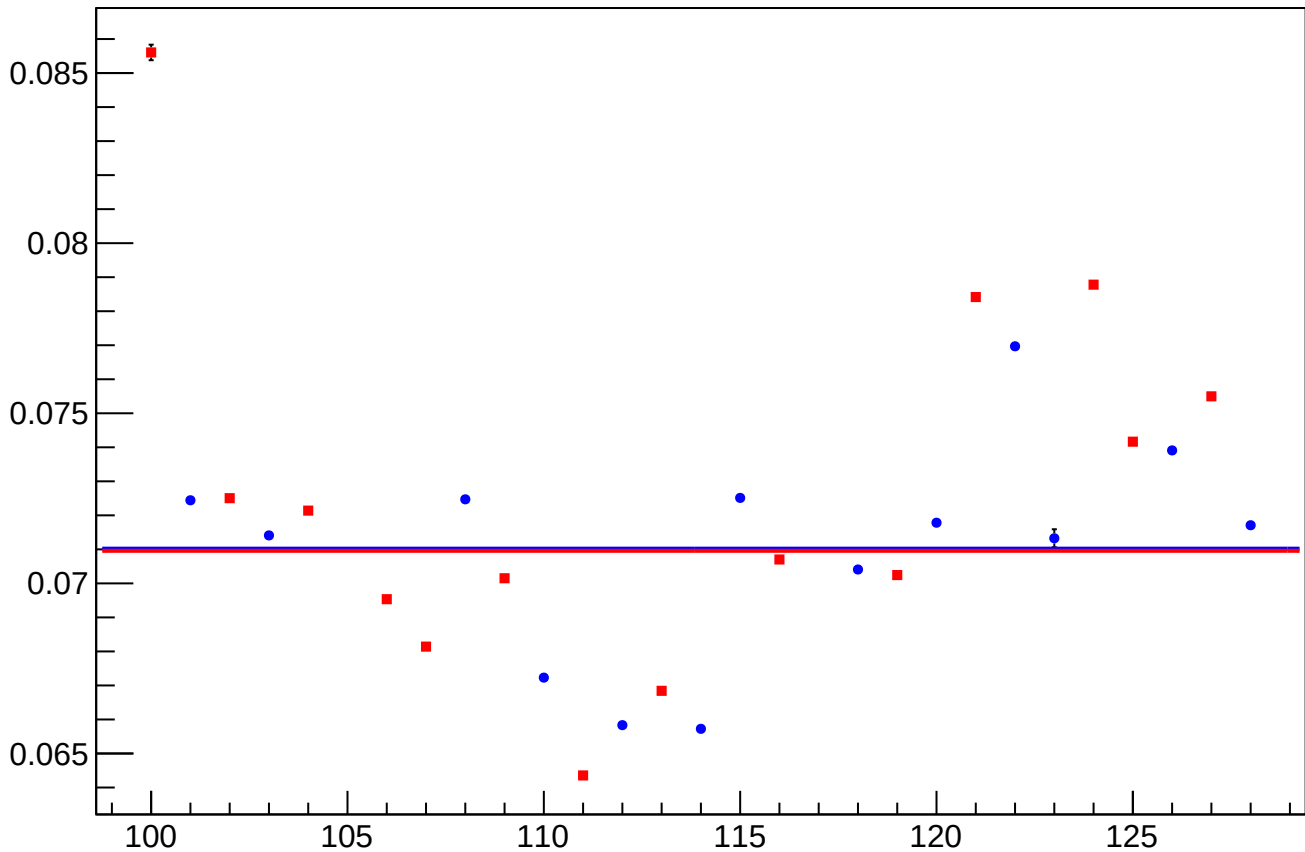
Right: -1.718+/-0.000 χ^2/NDF : 1978808854.9/26

In: -1.669+/-0.000 χ^2/NDF : 1056669556.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.718+/-0.000 χ^2/NDF : 1978808854.9/26

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.071+/-0.000 χ^2/NDF : 16642.5/12

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

Right Out: 0.071+/-0.000 χ^2/NDF : 32733.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

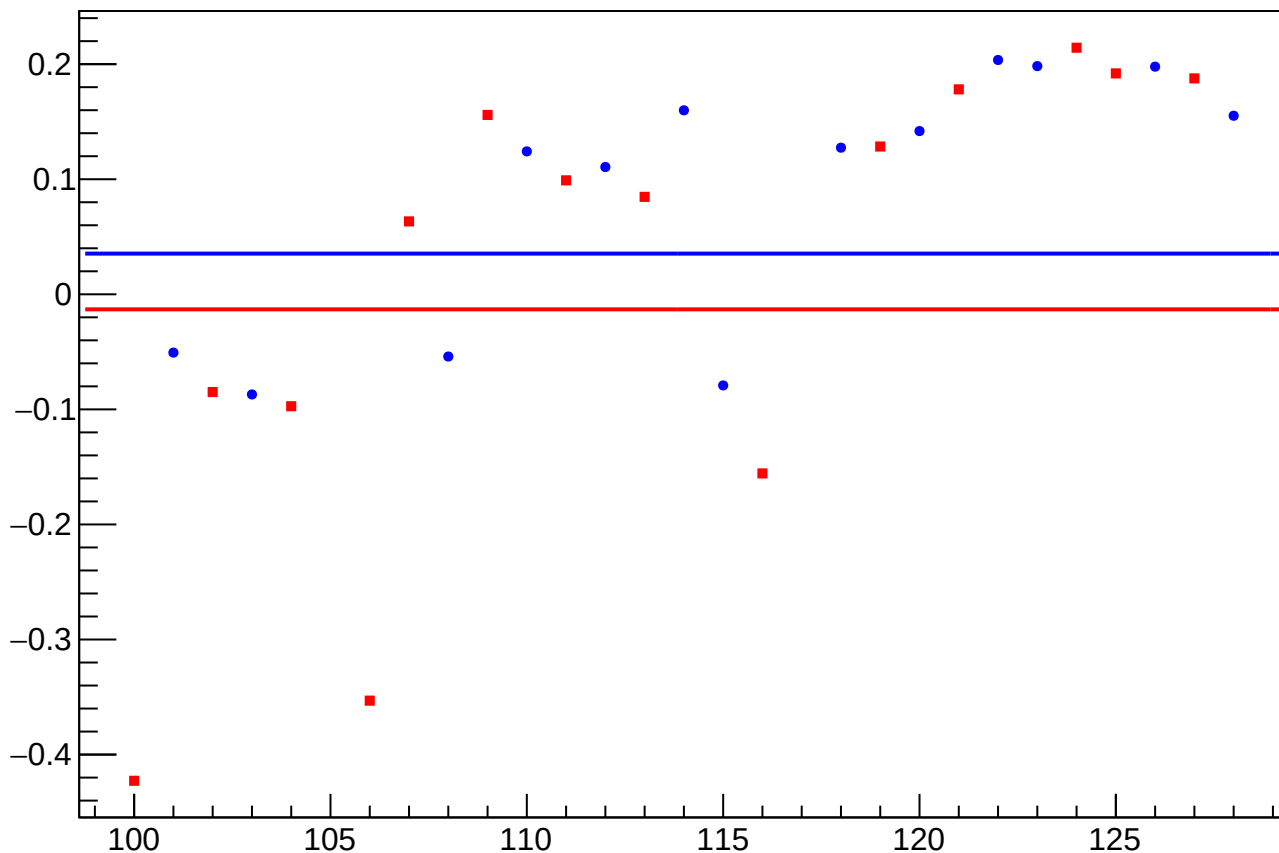
Right: 0.071+/-0.000 χ^2/NDF : 49380.1/26

In: 0.071+/-0.000 χ^2/NDF : 16642.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.071+/-0.000 χ^2/NDF : 49380.1/26

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.000 χ^2/NDF : 397161660.9/12

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

Right Out: -0.013+/-0.000 χ^2/NDF : 1101454325.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

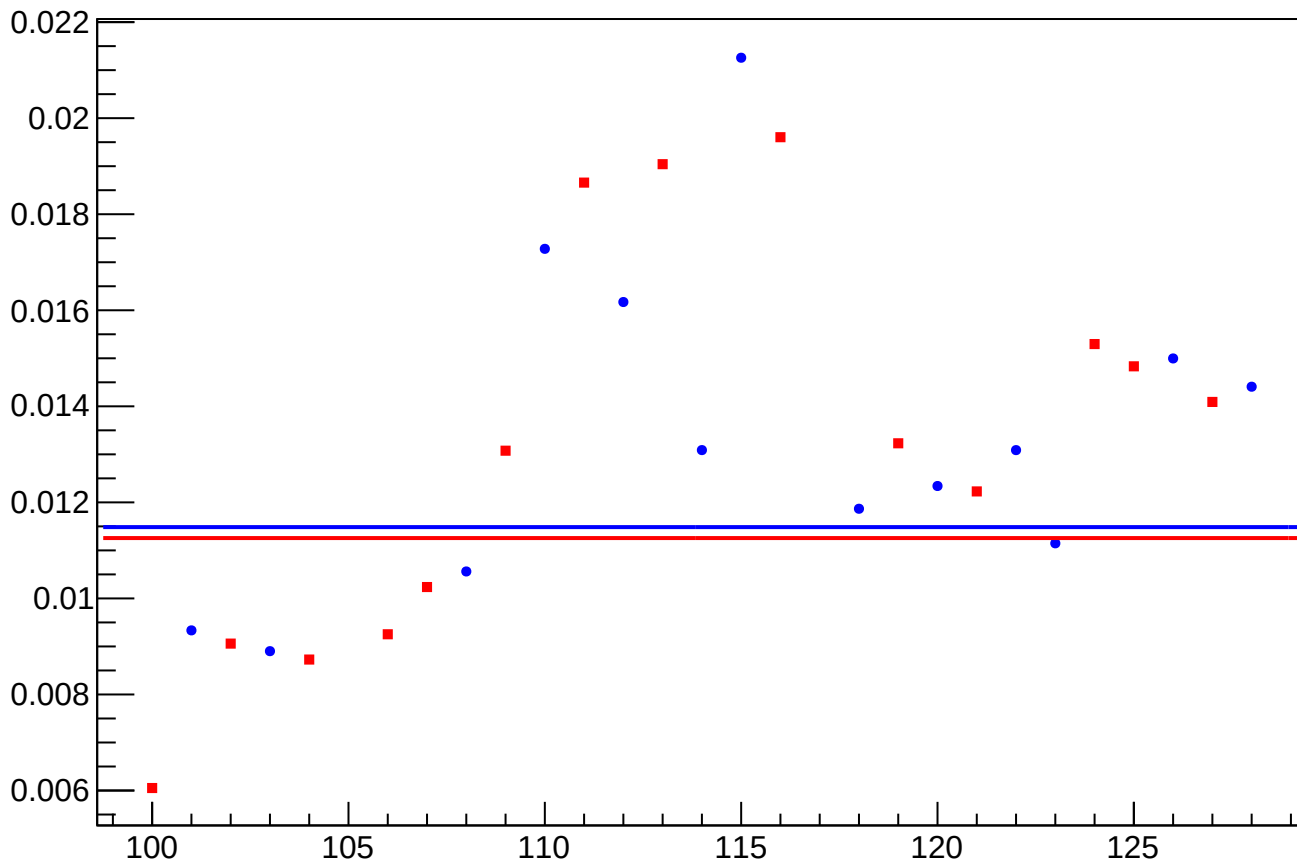
Right: 0.010+/-0.000 χ^2/NDF : 1537349608.5/26

In: 0.035+/-0.000 χ^2/NDF :397161660.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.000 χ^2/NDF : 1537349608.5/26

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 437506.8/12

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

Right Out: 0.011+/-0.000 χ^2/NDF : 739640.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

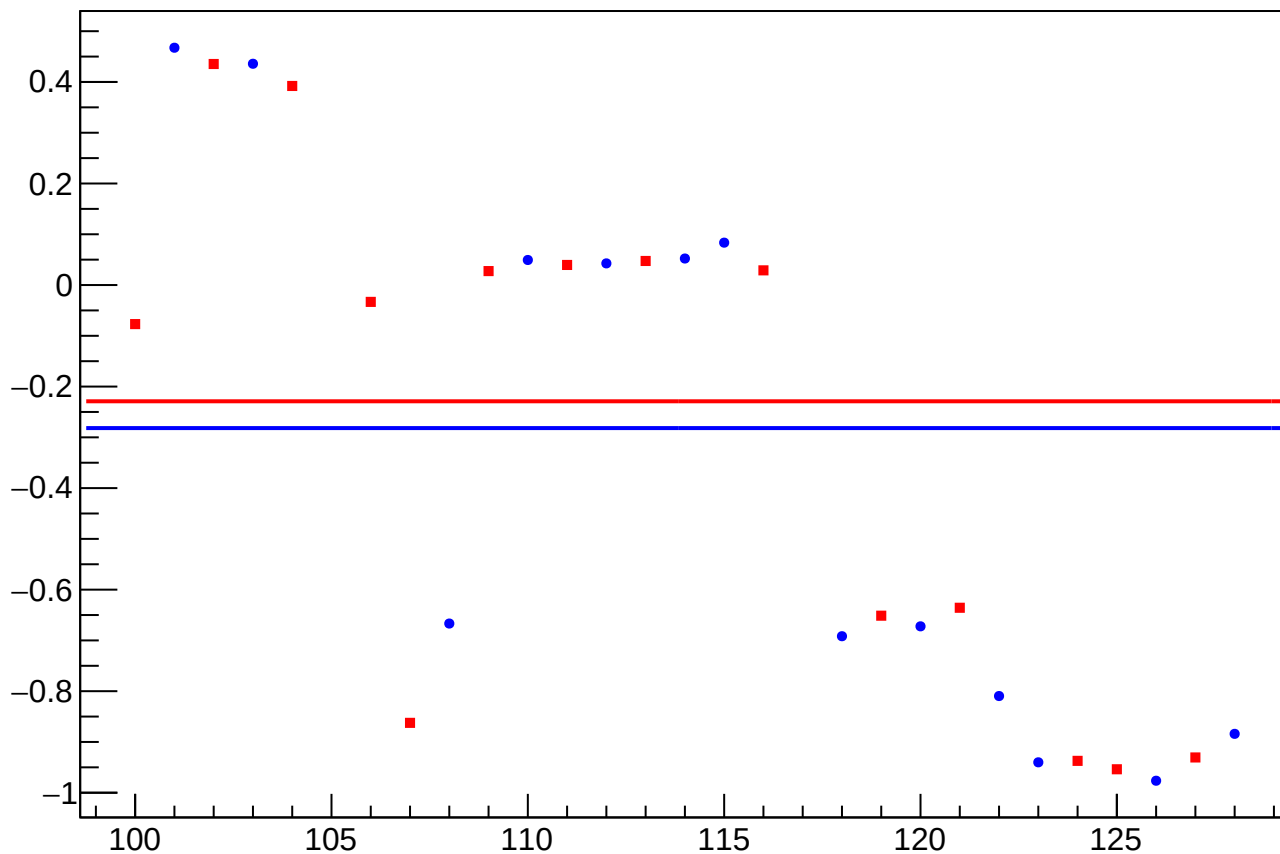
Right: 0.011+/-0.000 χ^2/NDF : 1178864.5/26

In: 0.011+/-0.000 χ^2/NDF : 437506.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 1178864.5/26

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: -0.282+/-0.000 χ^2/NDF : 180459648.3/12

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

Right Out: -0.229+/-0.000 χ^2/NDF : 165304508.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

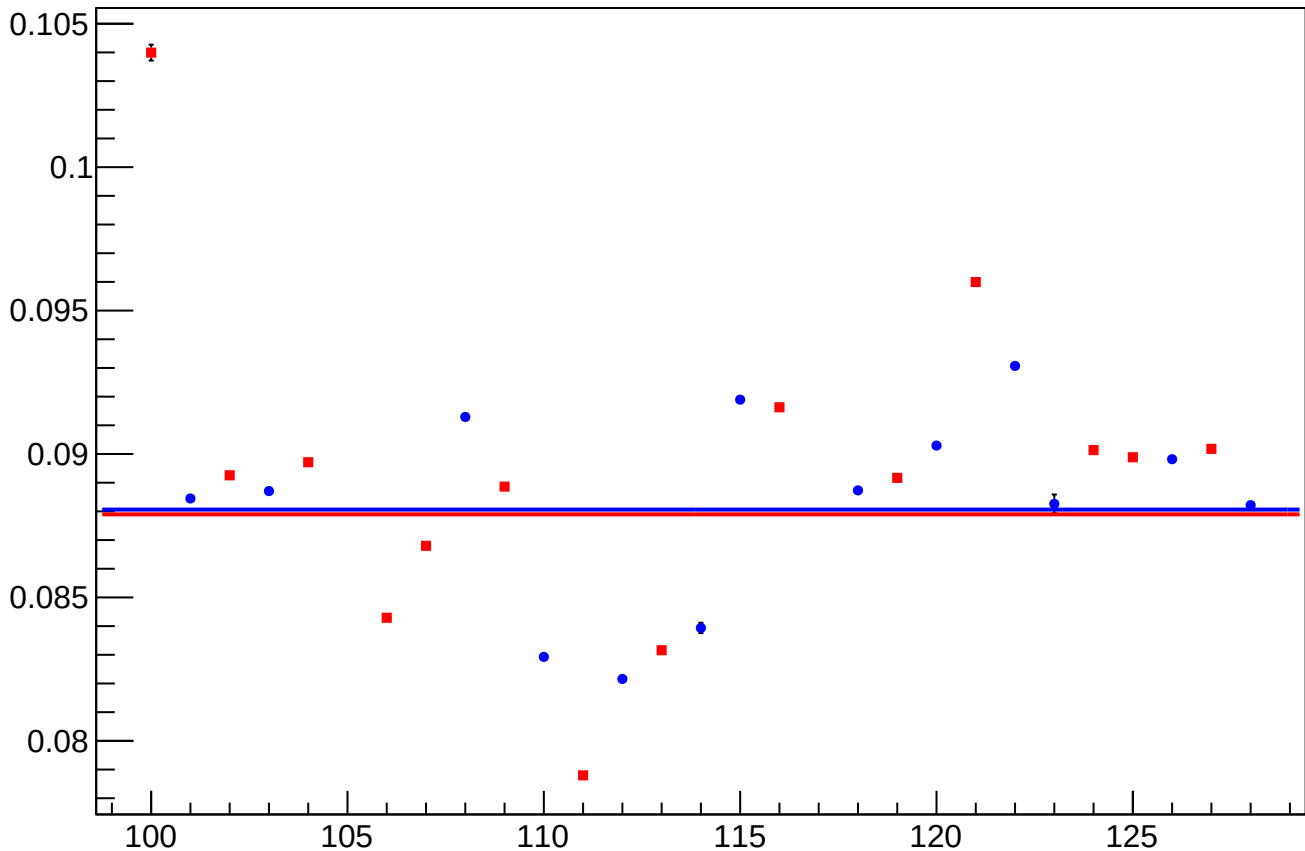
Right: -0.254+/-0.000 χ^2/NDF : 346657260.0/26

In: -0.282+/-0.000 χ^2/NDF :180459648.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.254+/-0.000 χ^2/NDF : 346657260.0/26

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.088+/-0.000 χ^2/NDF : 12777.8/12

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

Right Out: 0.088+/-0.000 χ^2/NDF : 27289.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

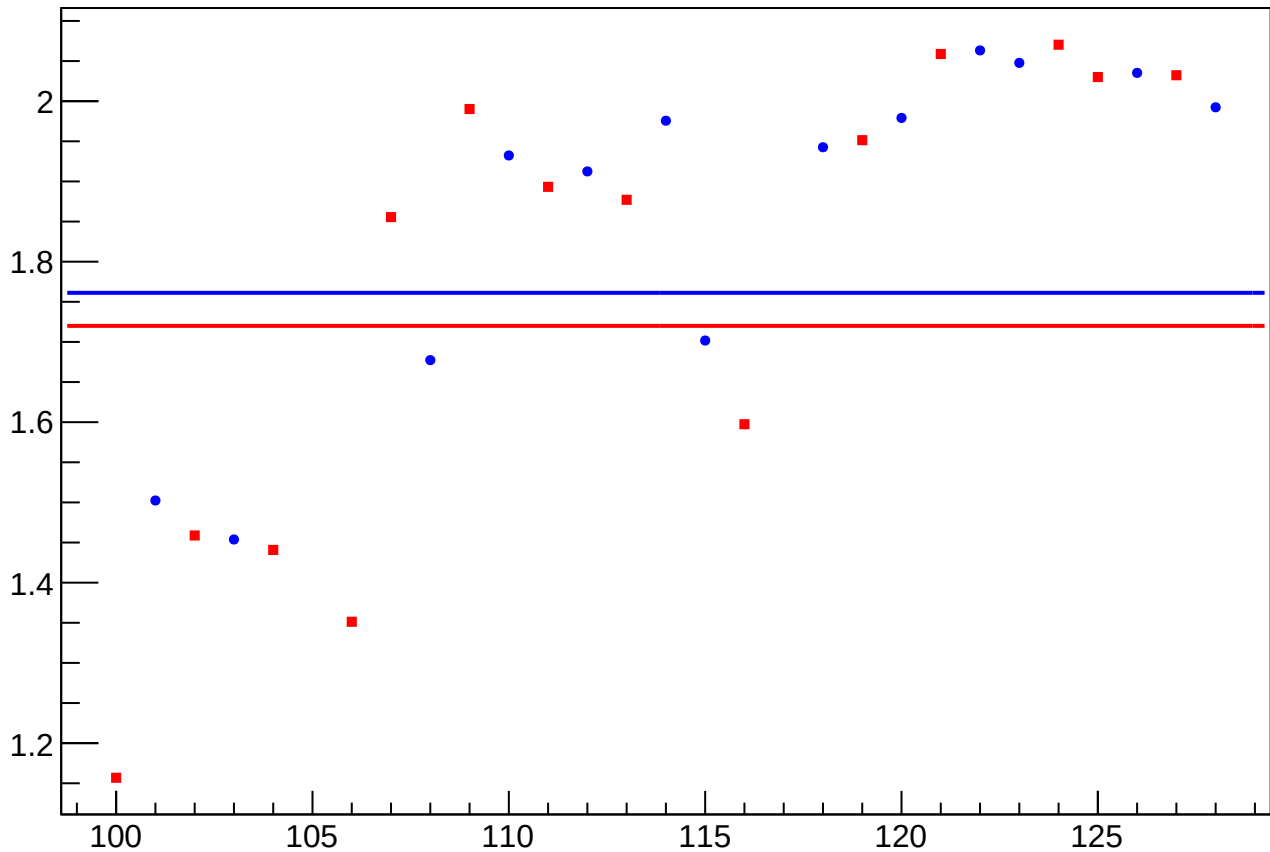
Right: 0.088+/-0.000 χ^2/NDF : 40085.0/26

In: 0.088+/-0.000 χ^2/NDF : 12777.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.088+/-0.000 χ^2/NDF : 40085.0/26

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.761+/-0.000 χ^2/NDF : 987183370.7/12

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

Right Out: 1.720+/-0.000 χ^2/NDF : 1489019675.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

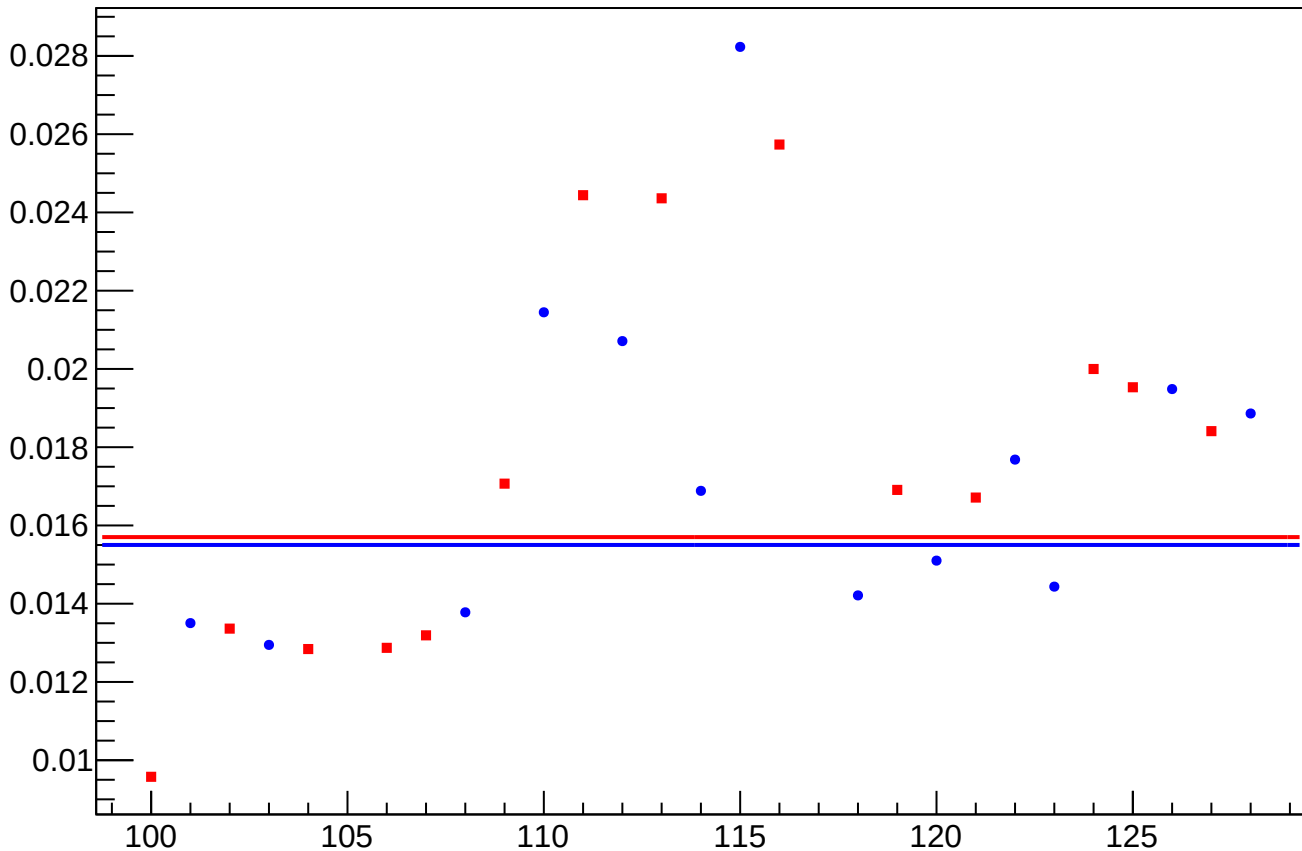
Right: 1.740+/-0.000 χ^2/NDF : 2491379637.9/26

In: 1.761+/-0.000 χ^2/NDF : 987183370.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.740+/-0.000 χ^2/NDF : 2491379637.9/26

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 302847.5/12

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

Right Out: 0.016+/-0.000 χ^2/NDF : 516390.5/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

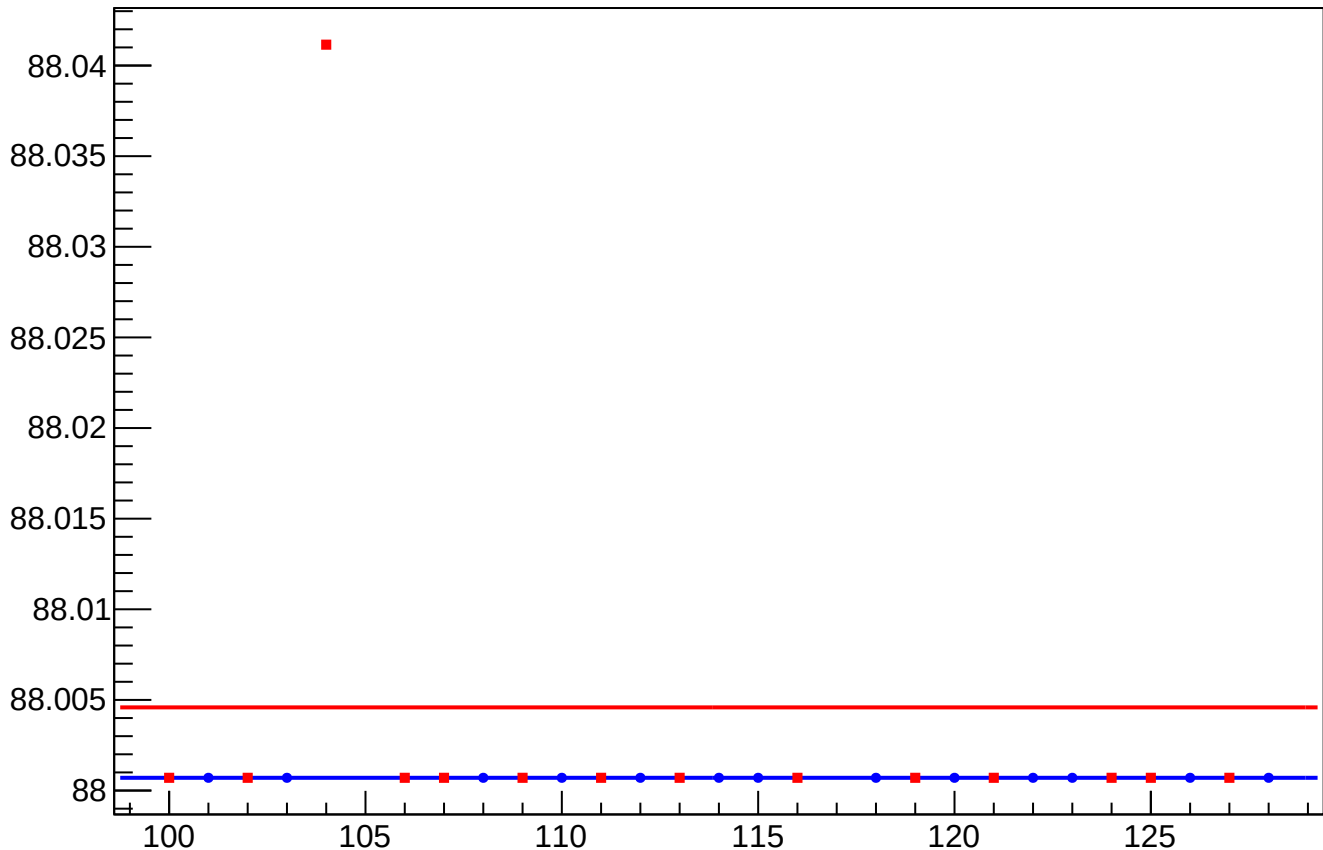
Right: 0.016+/-0.000 χ^2/NDF : 819958.8/26

In: 0.016+/-0.000 χ^2/NDF :302847.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.016+/-0.000 χ^2/NDF : 819958.8/26

epics_VWienAngles_mean vs Slug, Sign Corrected



Right In: 88.001+/-0.000 χ^2/NDF : 1284391.8/12

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

Right Out: 88.005+/-0.000 χ^2/NDF : 75425846766363294254778810368.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

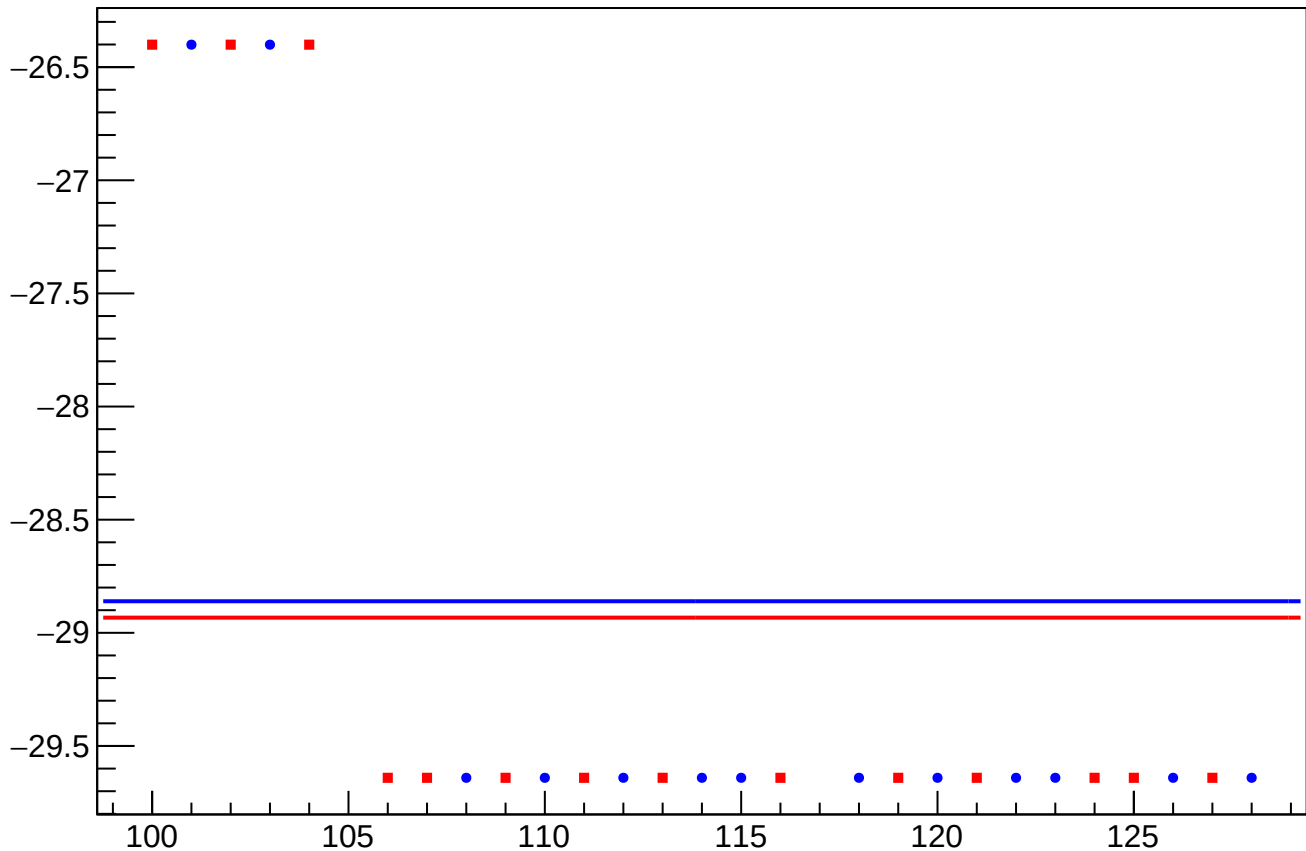
Right: 88.003+/-0.000 χ^2/NDF : 7927193701836948

In: 88.001+/-0.000 χ^2/NDF :1284391.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

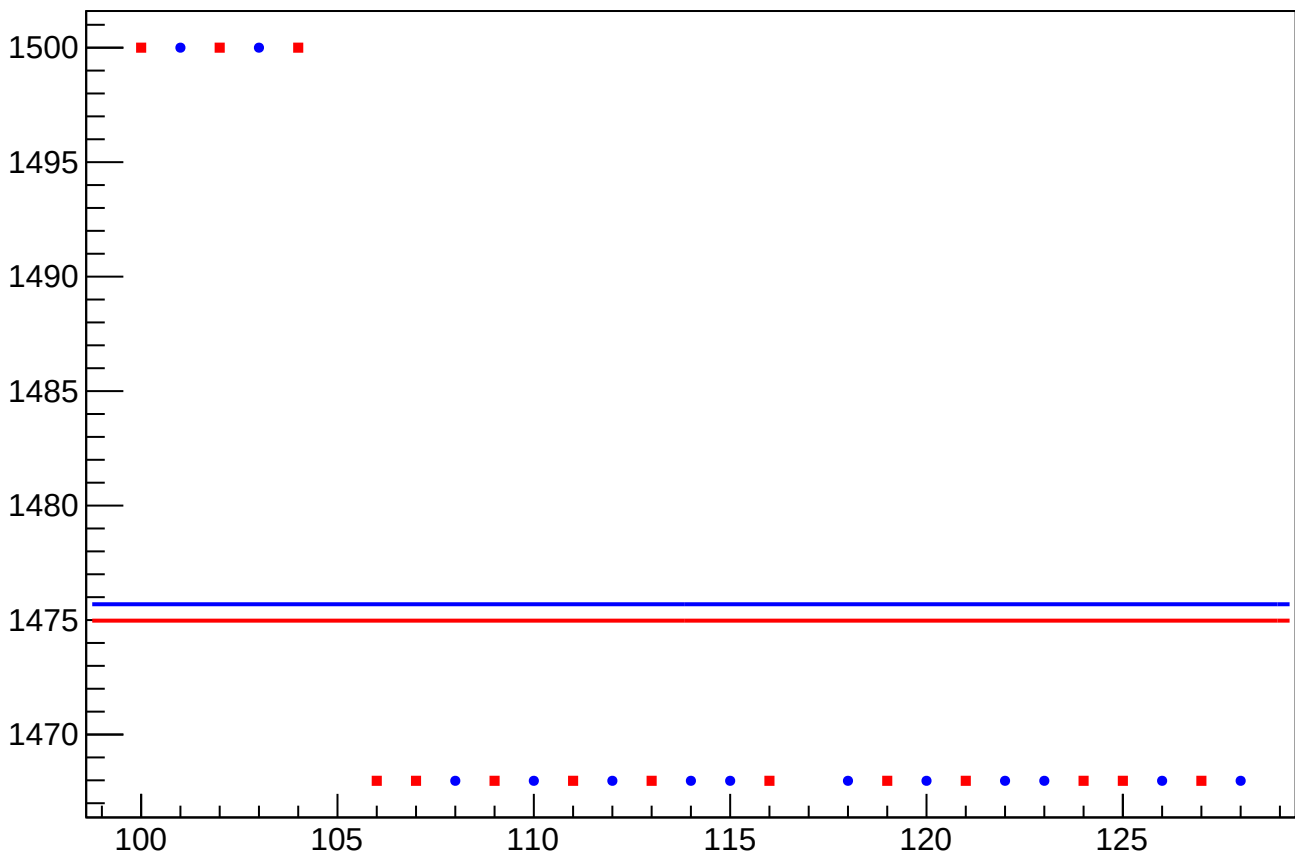
All: 88.003+/-0.000 χ^2/NDF : 7927193701836948

epics_HWienAngles_mean vs Slug, Sign Corrected



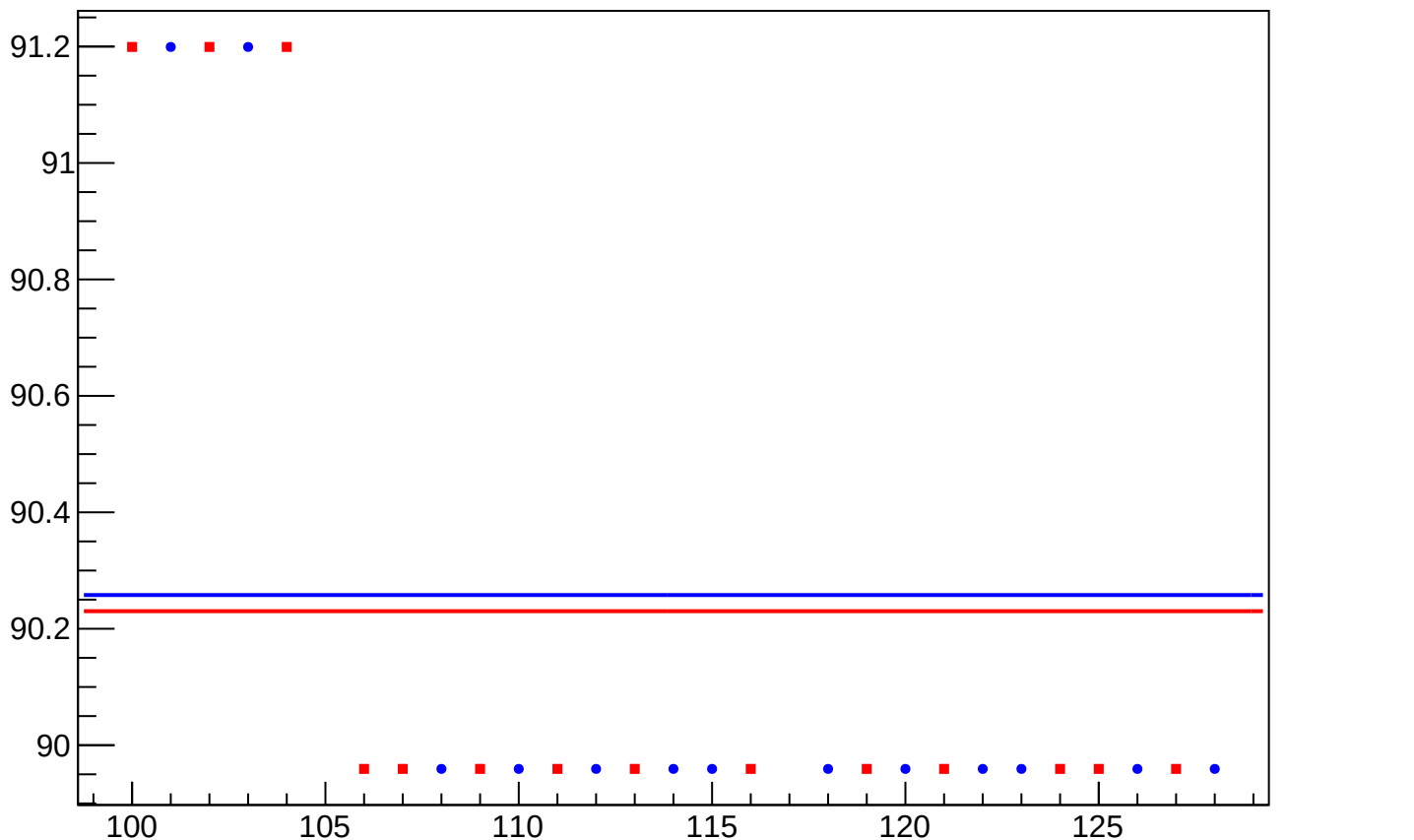
Right In: -28.860+/-0.000 χ^2/NDF : 940413570612261762667789697417216.0/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -28.933+/-0.000 χ^2/NDF : 951703322033905399972687173910528.0/13
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -28.898+/-0.000 χ^2/NDF : 189345447678748

epics_psub_pl_poss_mean vs Slug, Sign Corrected



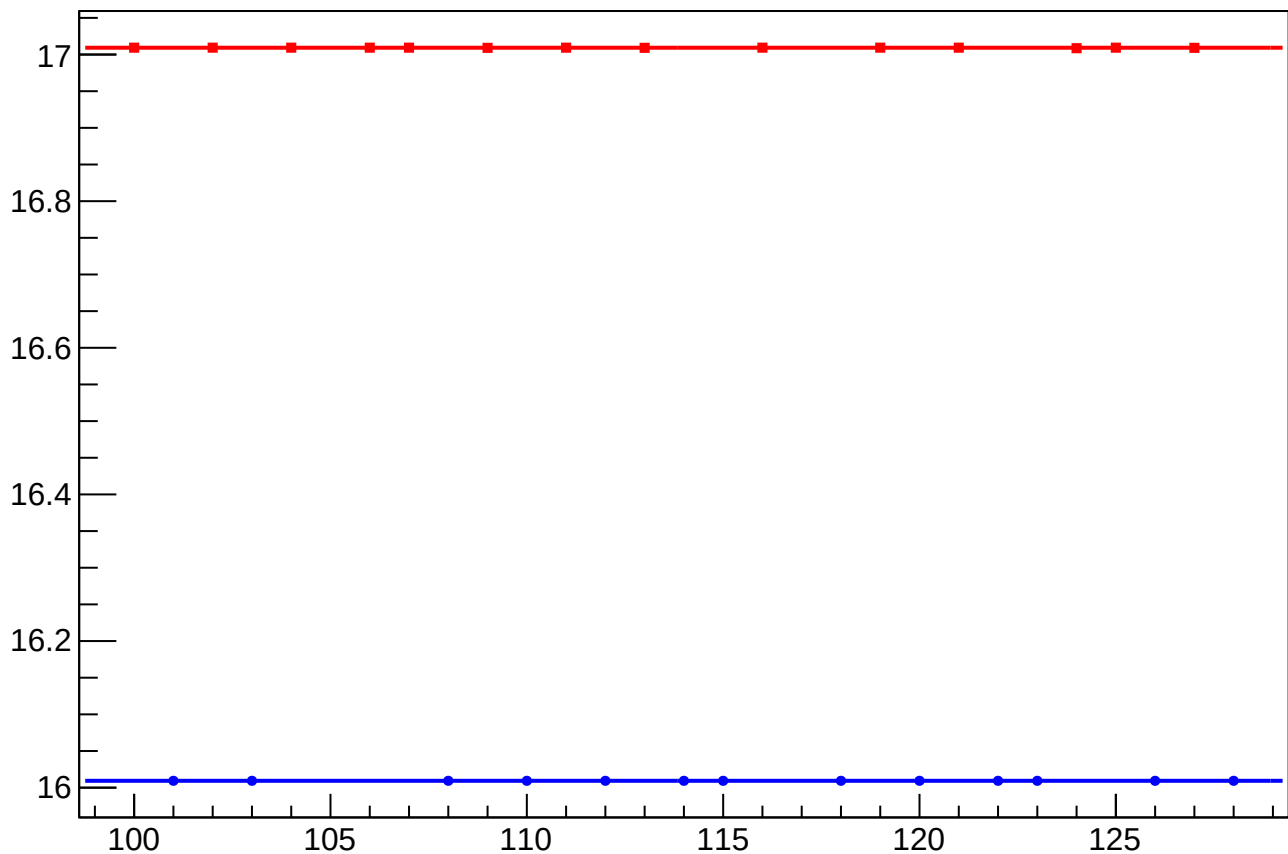
Right In: 1475.691+/-0.000 χ^2/NDF : 91856452315001177759006348527271936.0/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 1474.975+/-0.000 χ^2/NDF : 92959197474707196439978398132994048.0/13
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1475.318+/-0.000 χ^2/NDF : 18494630053501

epics_Phi_FGs_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 90.243+/-0.000 χ^2 /NDF: 2773372583741946
 Right In: 90.258+/-0.000 χ^2 /NDF: 137743856326554192695504404480000.0/12
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: 90.258+/-0.000 χ^2 /NDF: 137743856326554192695504404480000.0/12
 Right Out: 90.230+/-0.000 χ^2 /NDF: 139397483992495305306776866390016.0/13
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 90.243+/-0.000 χ^2 /NDF: 2773372583741946

epics_IGL1I00DI24_24Ms_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2/NDF : 32816.6/12

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

Right Out: 17.009+/-0.000 χ^2/NDF : 10010849270975443306020864.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

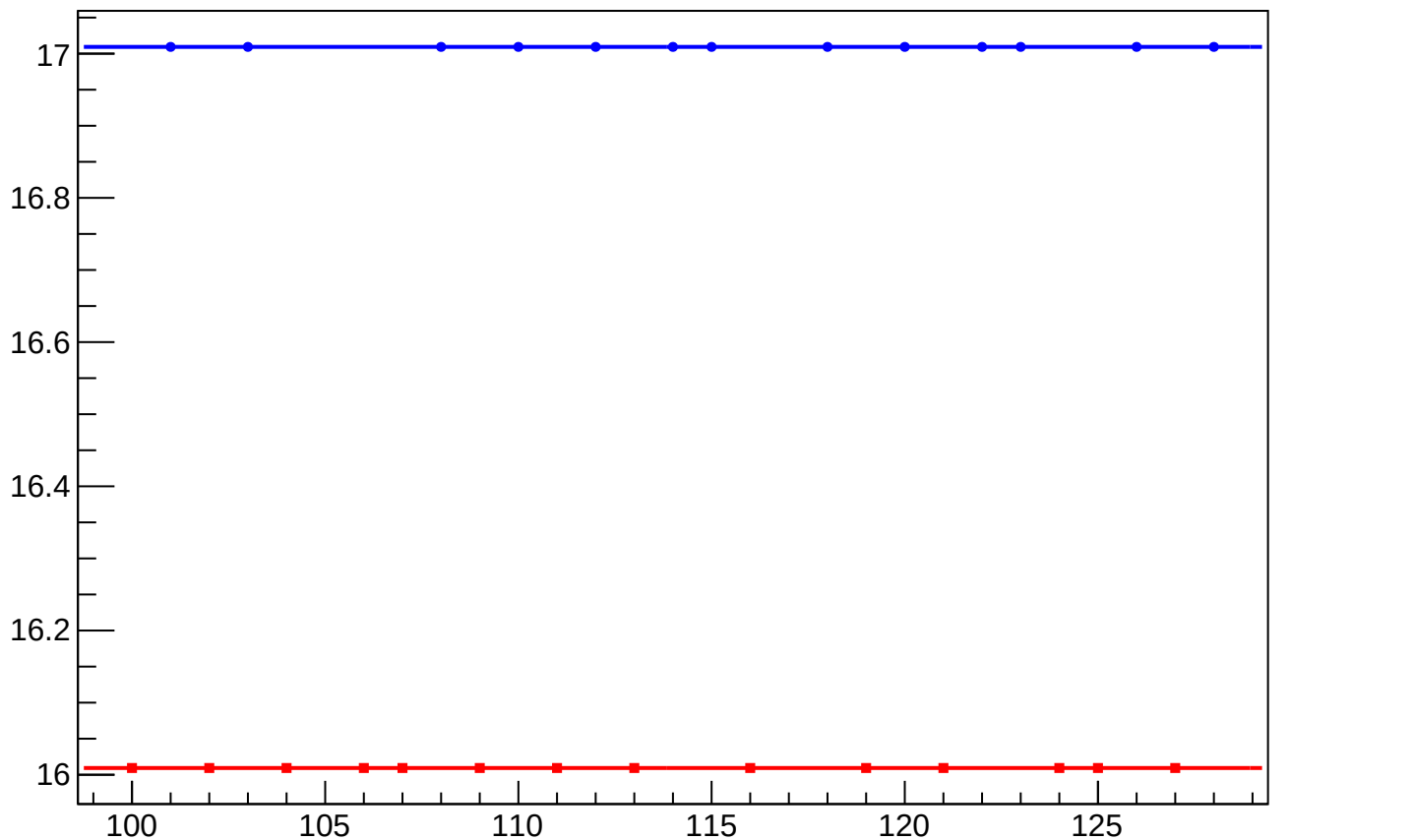
Right: 16.507+/-0.000 χ^2/NDF : 2407058266473200

In: 16.009+/-0.000 χ^2/NDF : 32816.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.507+/-0.000 χ^2/NDF : 2407058266473

epics_IGL1I00OD16_16s_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2/NDF : 30683.5/12

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

Right Out: 16.009+/-0.000 χ^2/NDF : 18289.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

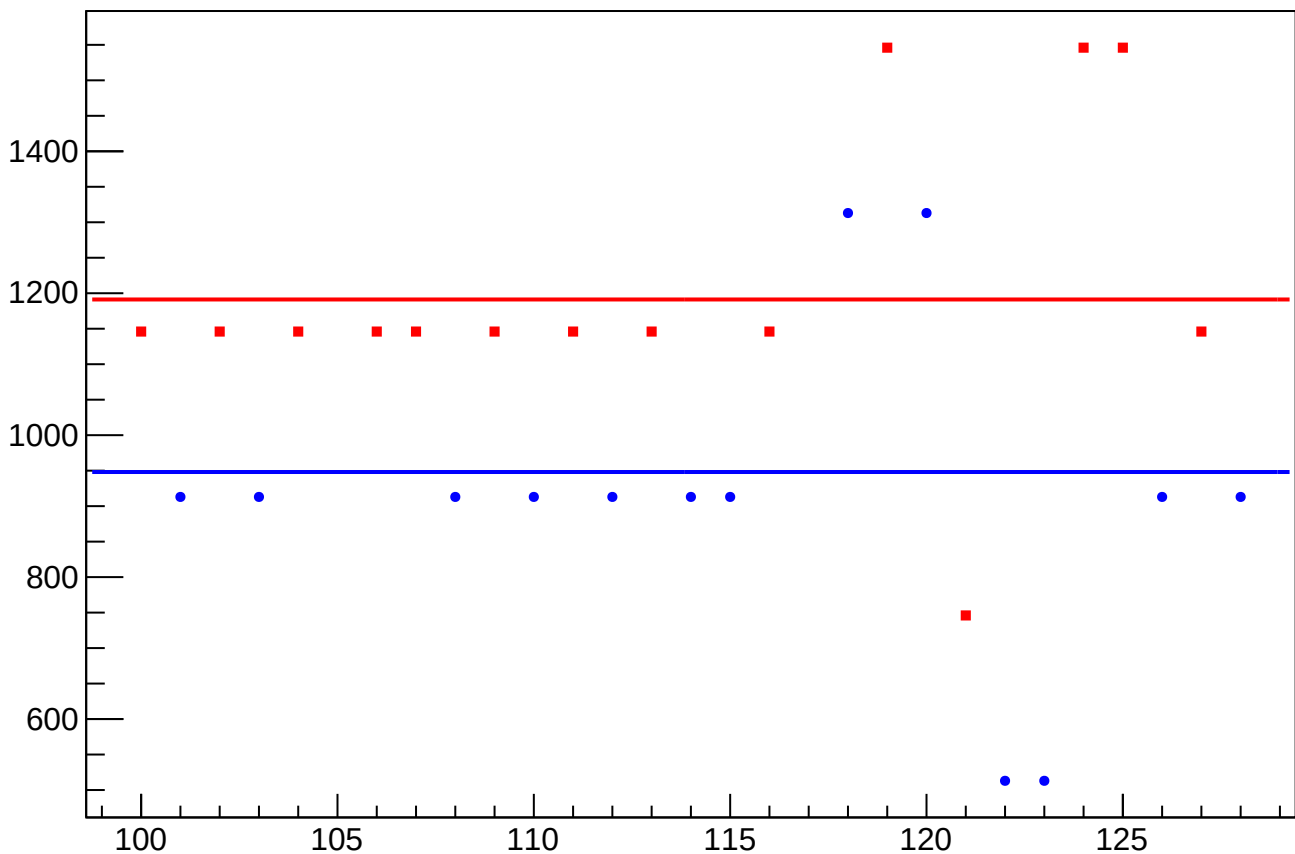
Right: 16.476+/-0.000 χ^2/NDF : 2443910386965291

In: 17.009+/-0.000 χ^2/NDF : 30683.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

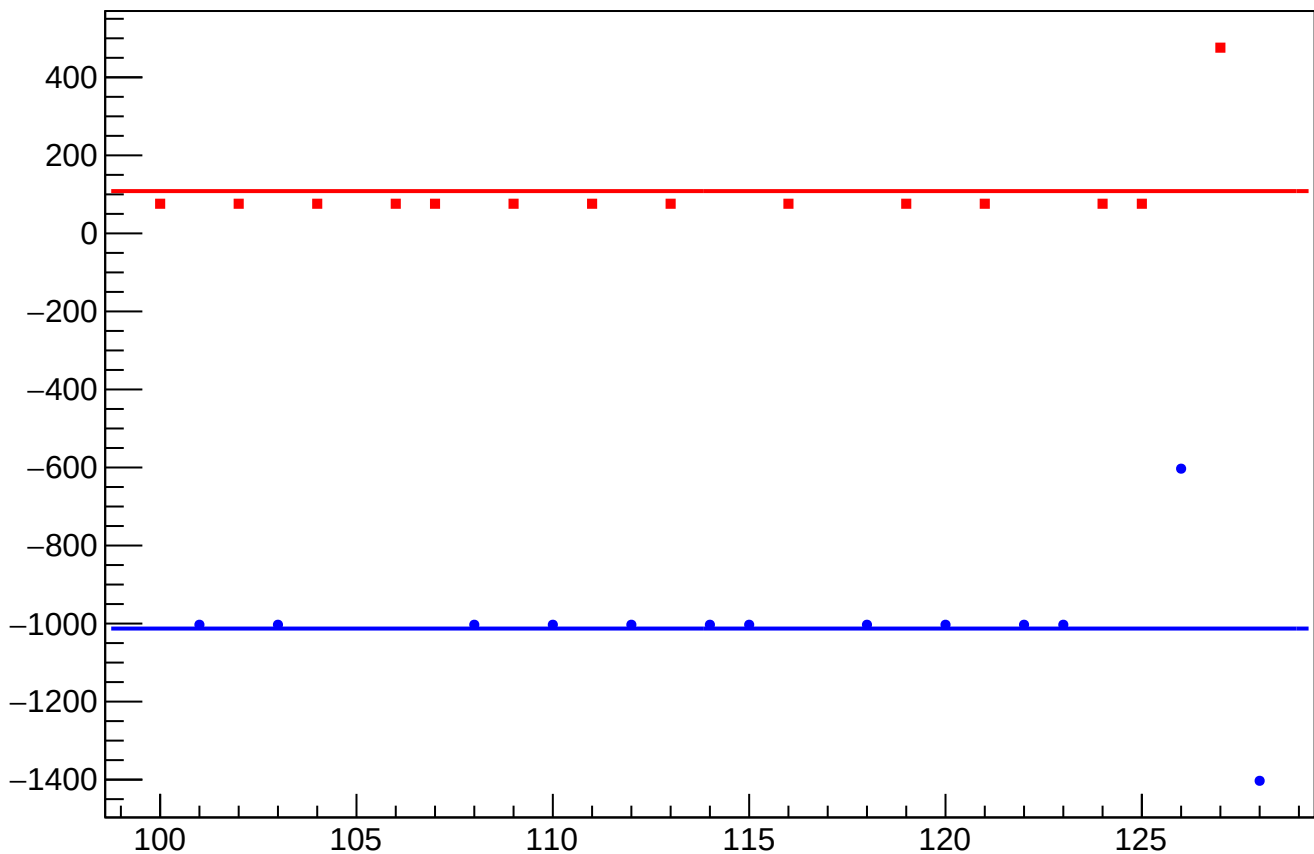
All: 16.476+/-0.000 χ^2/NDF : 2443910386965

epics_RTPAPOSUCNTs_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: 948.098+/-0.000 χ^2/NDF : 20677548009313709175152081553554669568.0/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 1074.534+/-0.000 χ^2/NDF : 56734972558448
 In: 948.098+/-0.000 χ^2/NDF : 20677548009313709175152081553554669568.0/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1074.534+/-0.000 χ^2/NDF : 56734972558

epics_RTPAPOSVCNTs_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: -1012.785+/-0.000 χ^2/NDF : 14672587942300499334960582920029339648.0/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -429.680+/-0.000 χ^2/NDF : 34134142079911
 In: -1012.785+/-0.000 χ^2/NDF : 146725879423004
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -429.680+/-0.000 χ^2/NDF : 34134142079