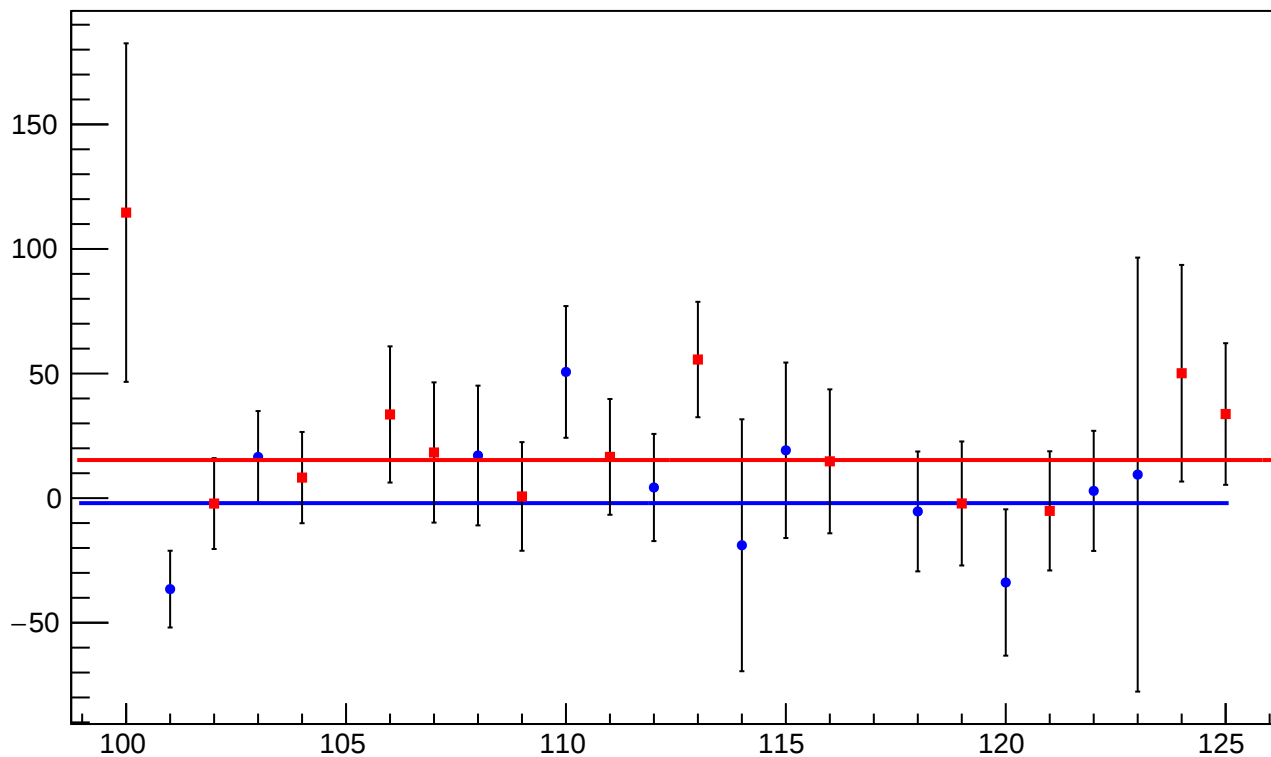


diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -2.000+/-7.461

Left Out: 0.000+/-0.000

Right Out: 15.288+/-6.907

Left In: 0.000+/-0.000

χ^2/NDF : 12.3/10

χ^2/NDF : 0.0/0

χ^2/NDF : 9.4/12

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

Right: 7.309+/-5.069

In: -2.000+/-7.461

Out: 0.000+/-0.000

All: 7.309+/-5.069

χ^2/NDF : 0.0/0

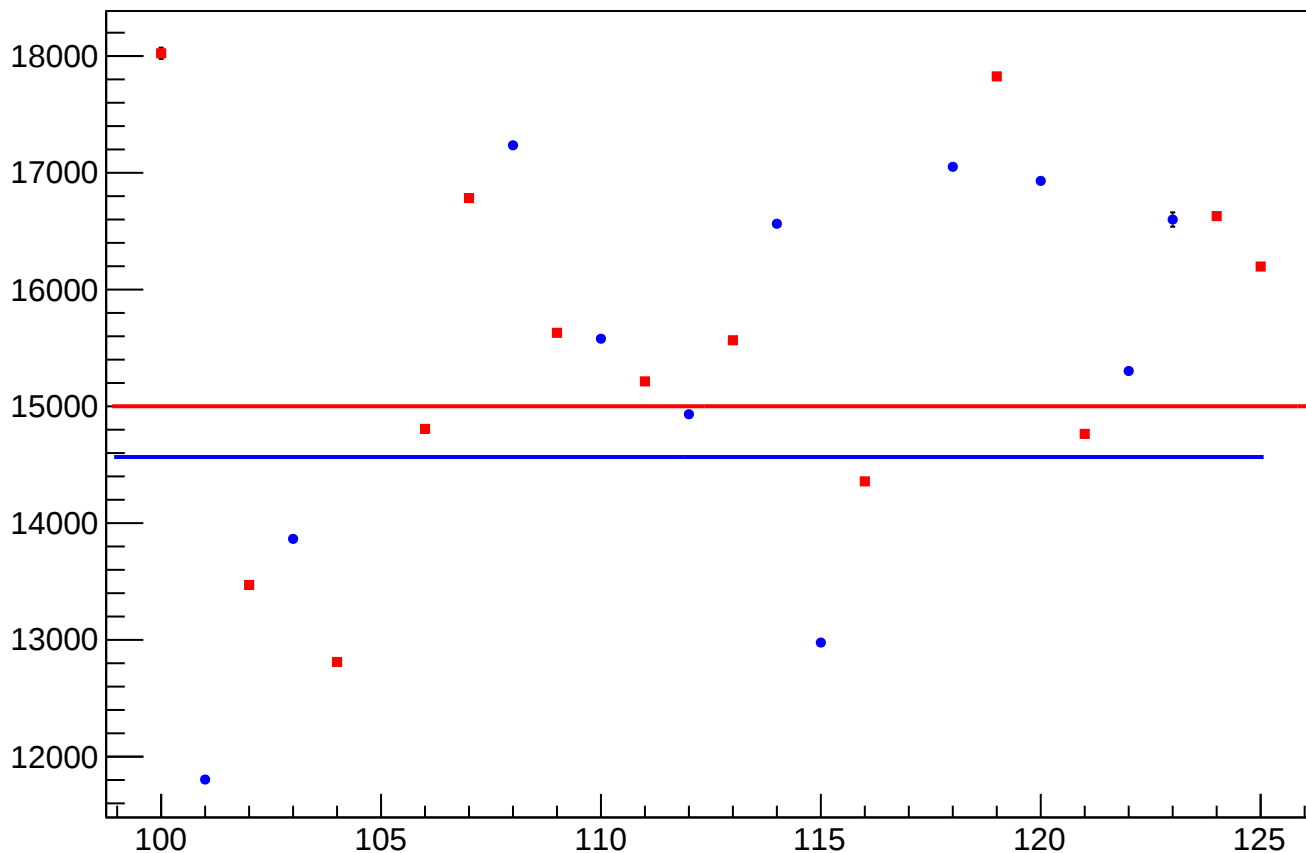
χ^2/NDF : 24.6/23

χ^2/NDF : 12.3/10

χ^2/NDF : 0.0/0

χ^2/NDF : 24.6/23

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 14566.098+/-5.276 χ^2/NDF : 133306.7/10

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

Right Out: 15000.907+/-4.884 χ^2/NDF : 91130.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

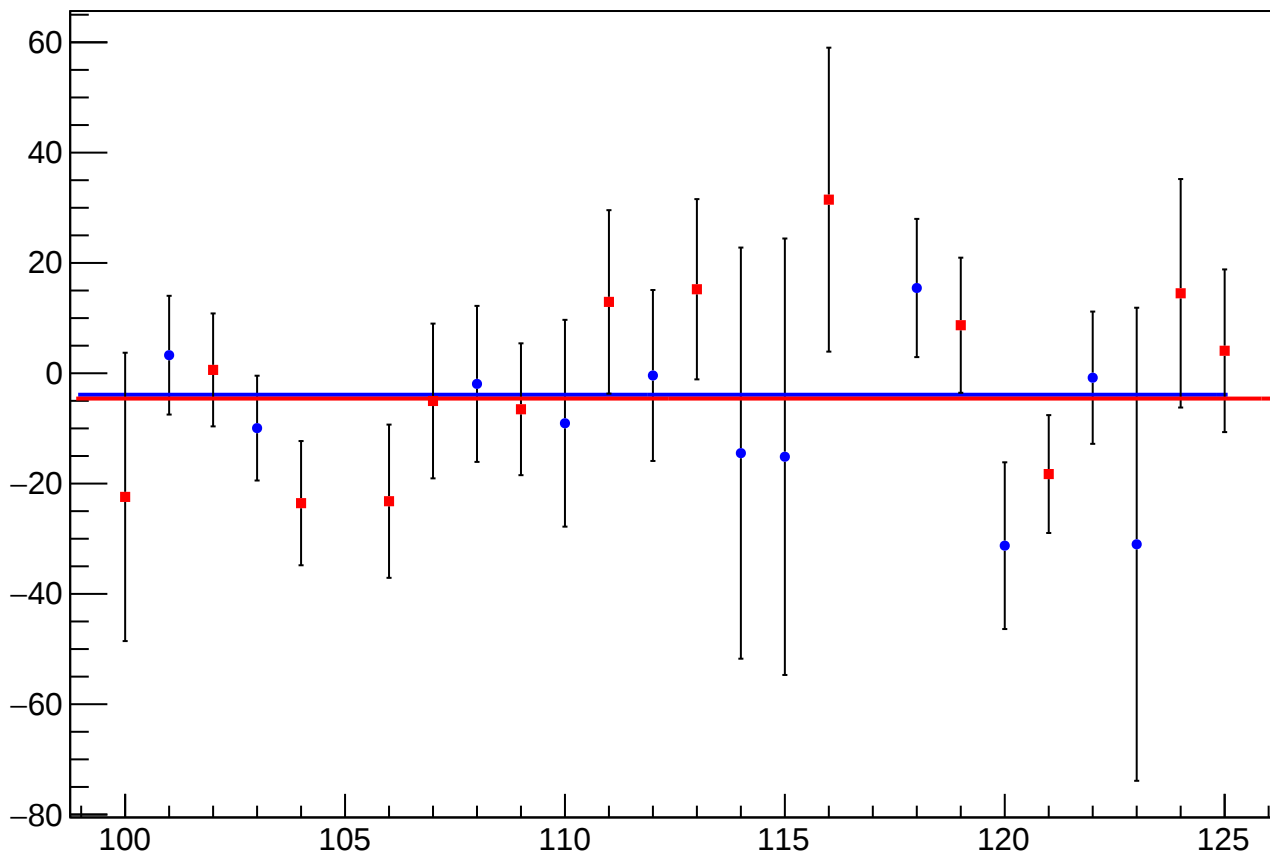
Right: 14800.247+/-3.584 χ^2/NDF : 228094.3/23

In: 14566.098+/-5.276 χ^2/NDF : 133306.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14800.247+/-3.584 χ^2/NDF : 228094.3/23

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -3.895+/-4.414 χ^2/NDF : 7.3/10

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

Right Out: -4.589+/-3.858 χ^2/NDF : 13.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

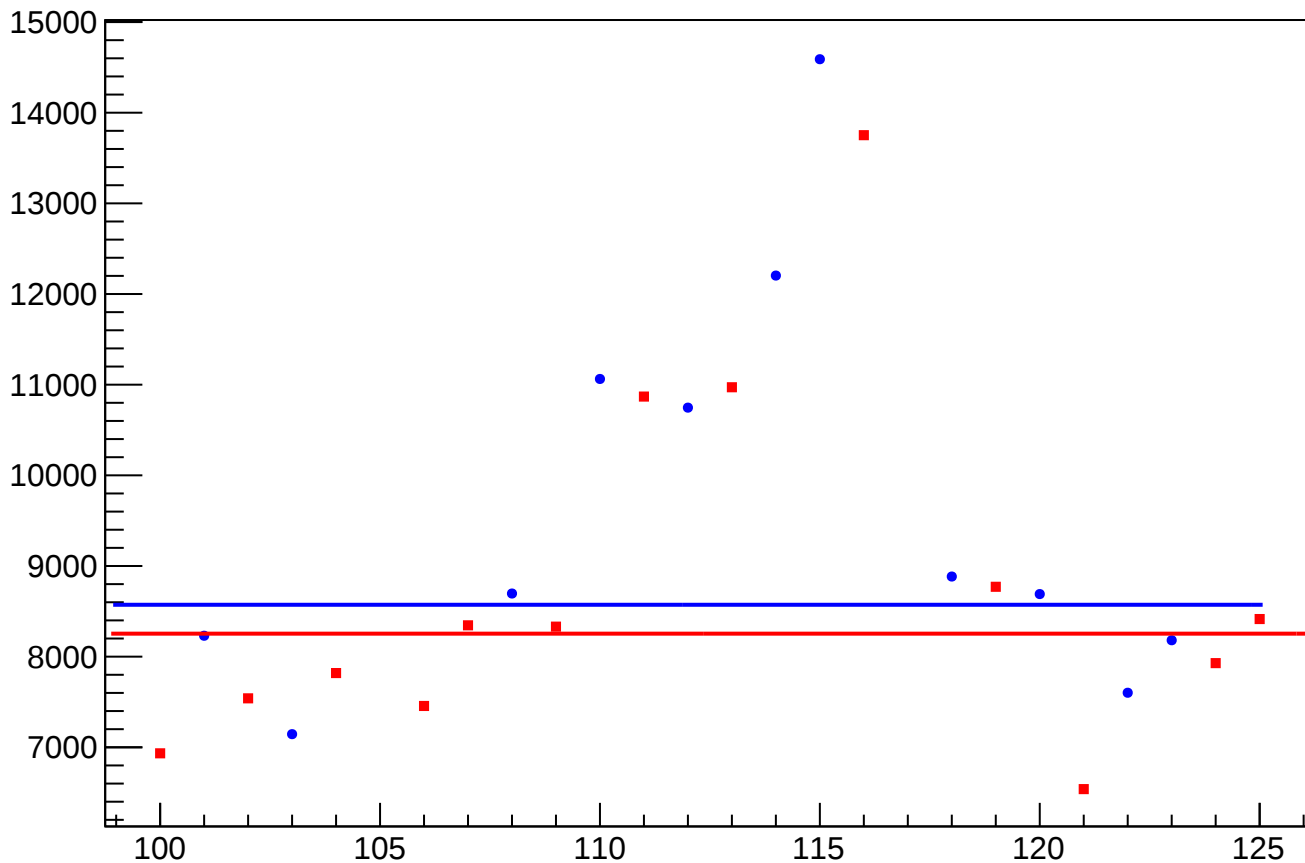
Right: -4.289+/-2.905 χ^2/NDF : 21.0/23

In: -3.895+/-4.414 χ^2/NDF : 7.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.289+/-2.905 χ^2/NDF : 21.0/23

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8572.278+/-3.121 χ^2/NDF : 201872.6/10

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

Right Out: 8253.632+/-2.728 χ^2/NDF : 264789.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

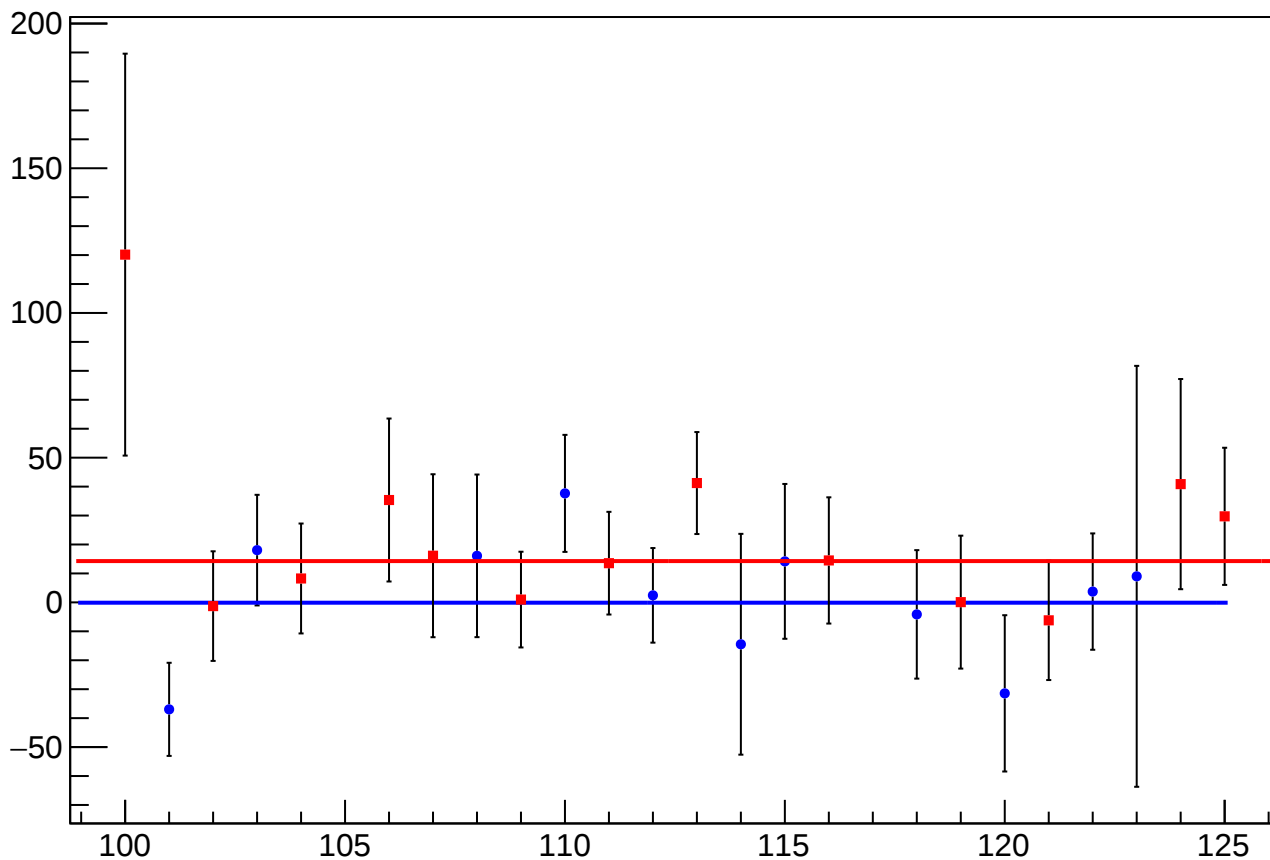
Right: 8391.630+/-2.054 χ^2/NDF : 472571.0/23

In: 8572.278+/-3.121 χ^2/NDF : 201872.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8391.630+/-2.054 χ^2/NDF : 472571.0/23

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.114 ± 6.710 χ^2/NDF : 11.9/10

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

Right Out: 14.266 ± 6.060 χ^2/NDF : 9.0/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

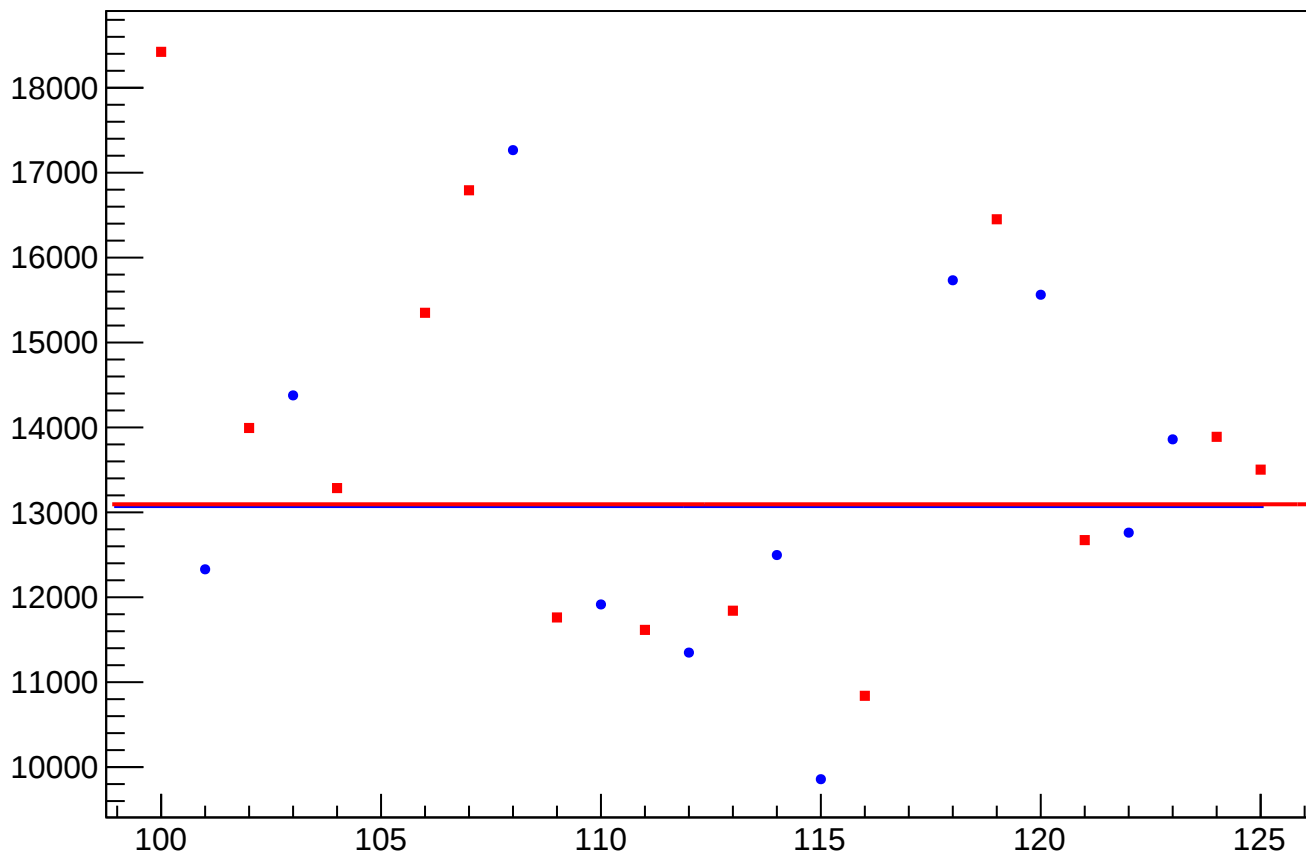
Right: 7.807 ± 4.497 χ^2/NDF : 23.4/23

In: -0.114 ± 6.710 χ^2/NDF : 11.9/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 7.807 ± 4.497 χ^2/NDF : 23.4/23

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13074.048+/-4.745 χ^2/NDF : 162751.5/10

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

Right Out: 13095.052+/-4.285 χ^2/NDF : 167321.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

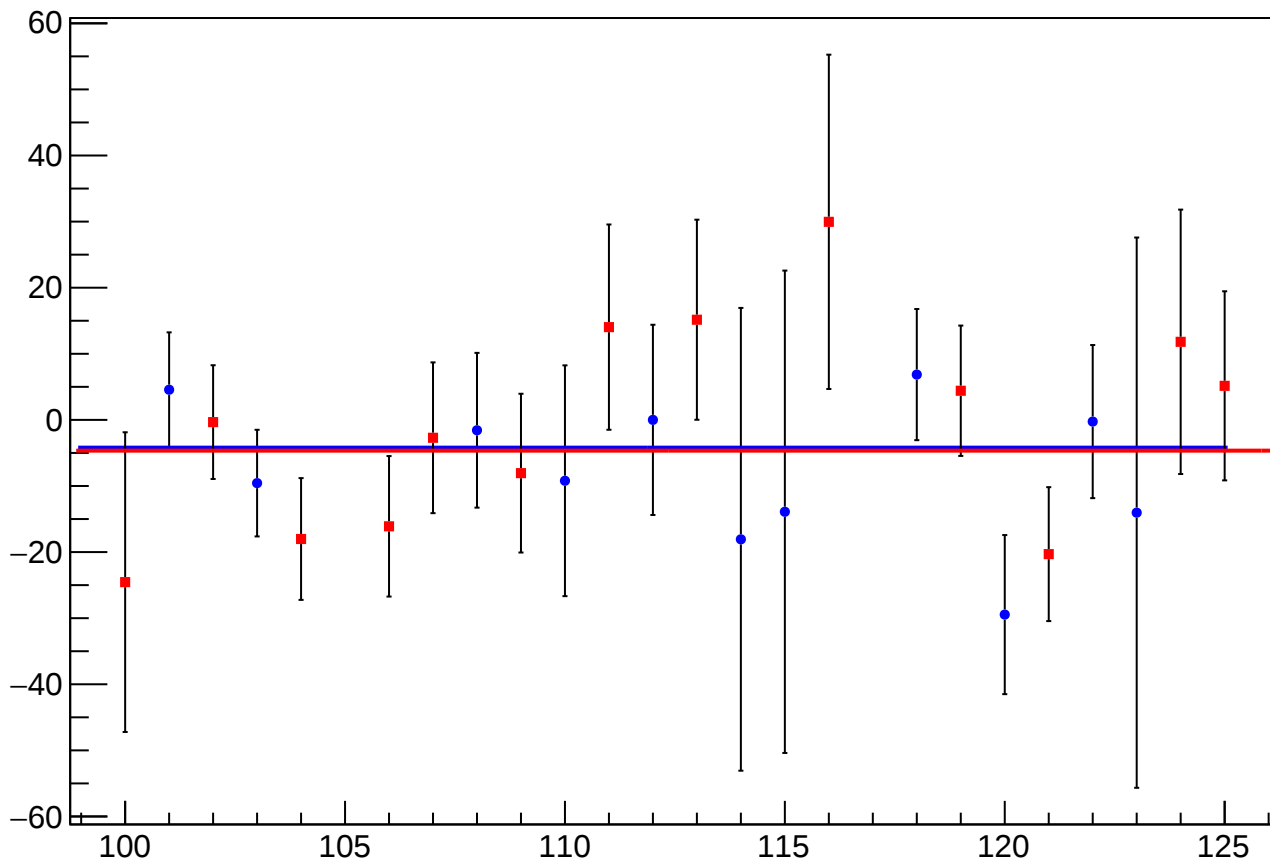
Right: 13085.617+/-3.180 χ^2/NDF : 330083.6/23

In: 13074.048+/-4.745 χ^2/NDF :162751.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13085.617+/-3.180 χ^2/NDF : 330083.6/23

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -4.201+/-3.761 χ^2/NDF : 7.7/10

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

Right Out: -4.653+/-3.367 χ^2/NDF : 13.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

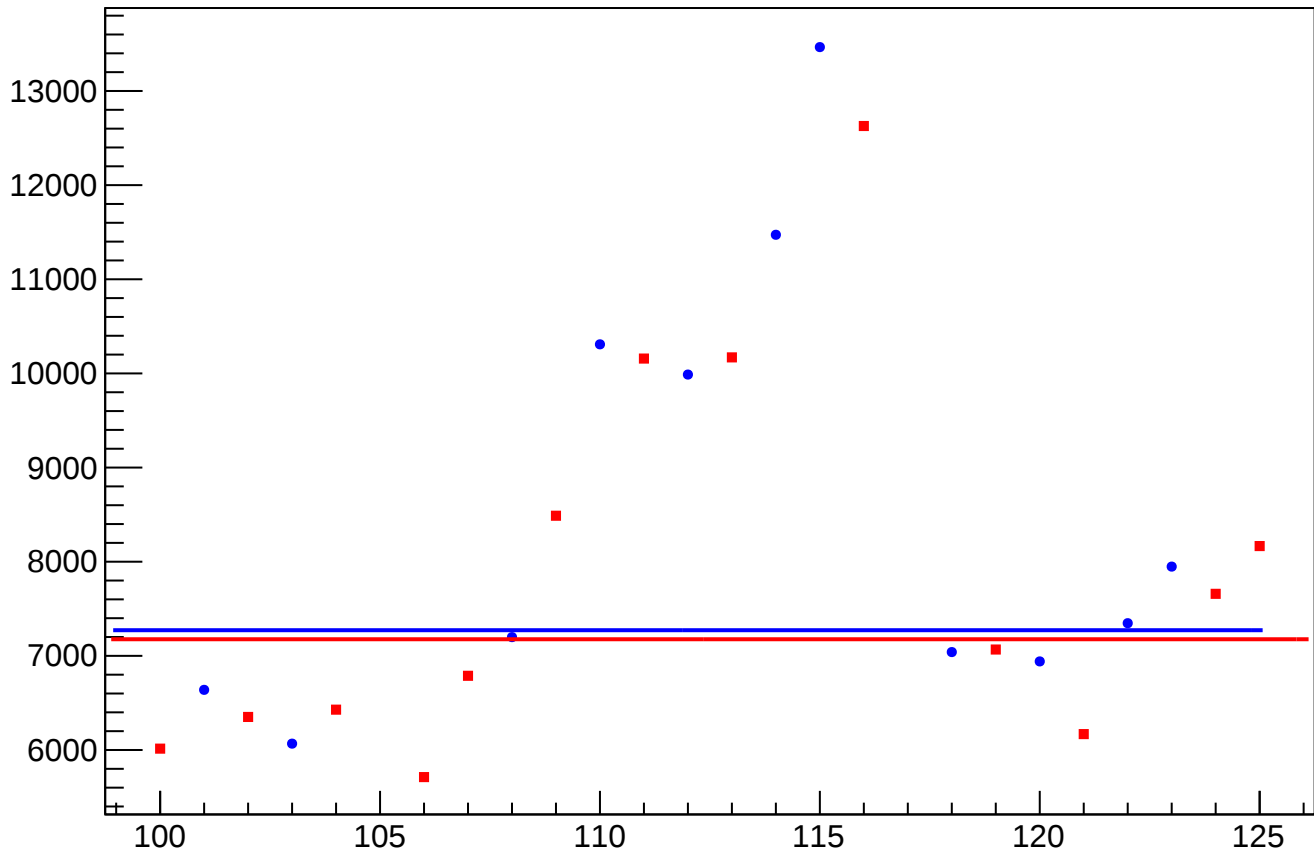
Right: -4.452+/-2.509 χ^2/NDF : 21.5/23

In: -4.201+/-3.761 χ^2/NDF : 7.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.452+/-2.509 χ^2/NDF : 21.5/23

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7272.402+/-2.659 χ^2/NDF : 276712.0/10

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

Right Out: 7176.348+/-2.381 χ^2/NDF : 376661.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

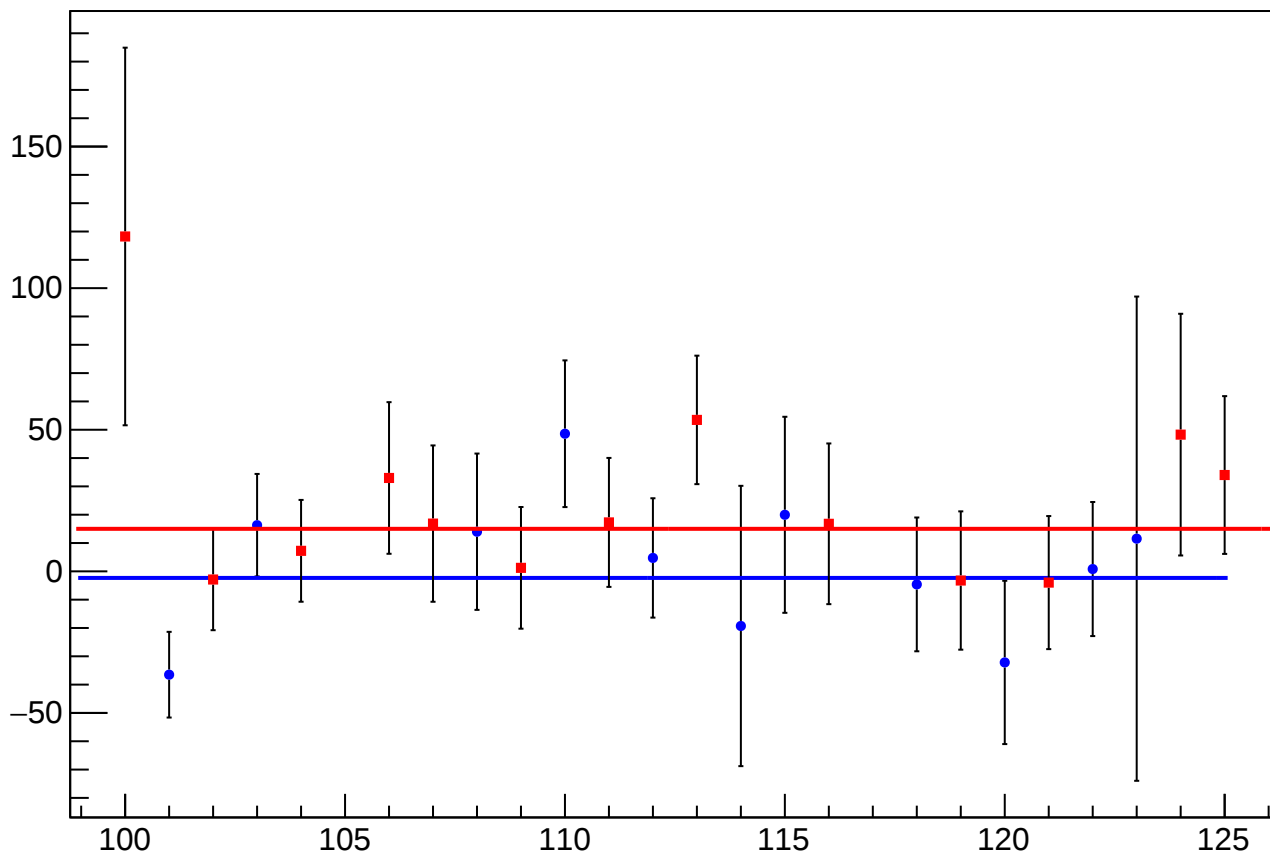
Right: 7219.088+/-1.774 χ^2/NDF : 654097.6/23

In: 7272.402+/-2.659 χ^2/NDF : 276712.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7219.088+/-1.774 χ^2/NDF : 654097.6/23

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -2.322+/-7.325 χ^2/NDF : 12.1/10

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

Right Out: 15.014+/-6.780 χ^2/NDF : 9.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

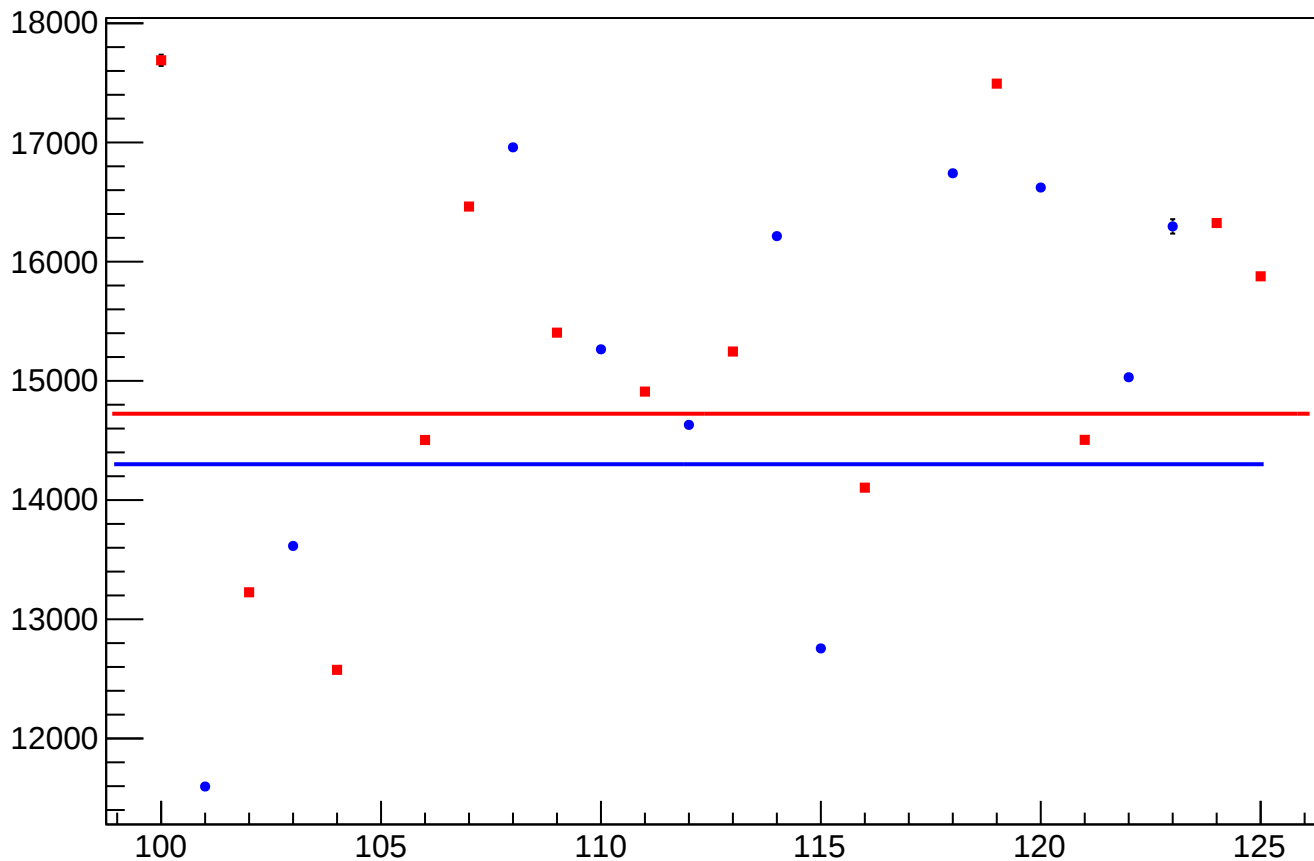
Right: 7.016+/-4.976 χ^2/NDF : 24.8/23

In: -2.322+/-7.325 χ^2/NDF : 12.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.016+/-4.976 χ^2/NDF : 24.8/23

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 14300.814+/-5.180 χ^2/NDF : 132830.3/10

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

Right Out: 14724.447+/-4.794 χ^2/NDF : 90886.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

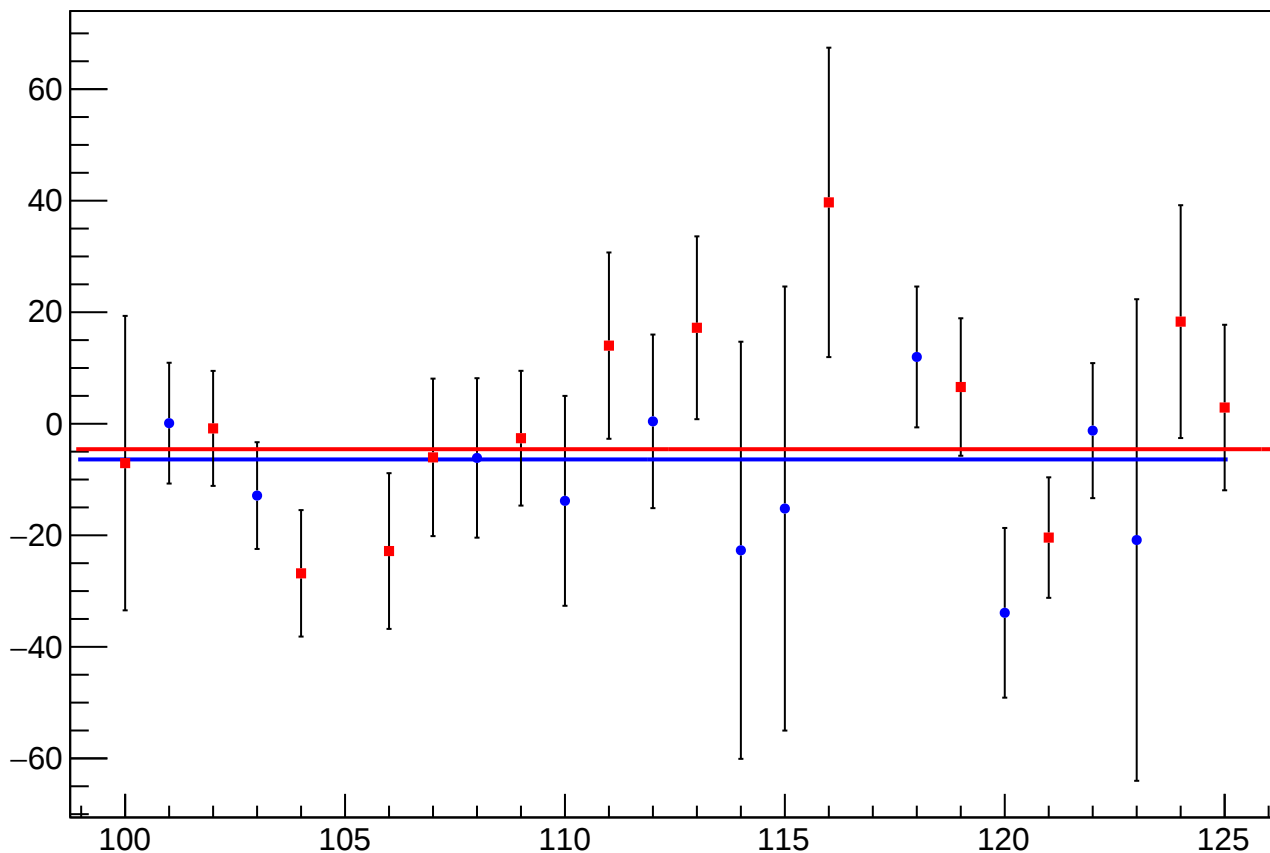
Right: 14528.988+/-3.518 χ^2/NDF : 227319.8/23

In: 14300.814+/-5.180 χ^2/NDF : 132830.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14528.988+/-3.518 χ^2/NDF : 227319.8/23

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -6.395+/-4.446 χ^2/NDF : 7.1/10

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

Right Out: -4.560+/-3.886 χ^2/NDF : 15.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

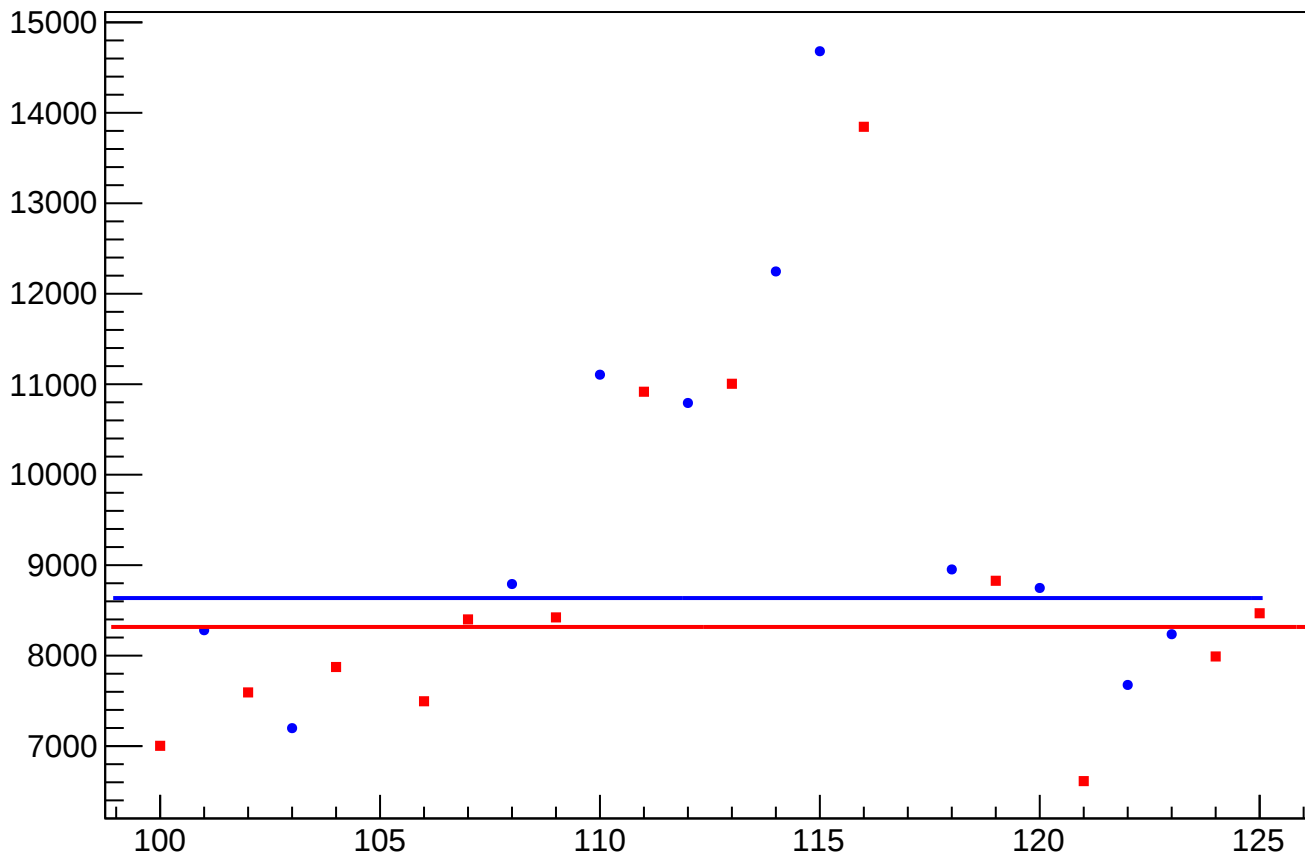
Right: -5.355+/-2.926 χ^2/NDF : 22.9/23

In: -6.395+/-4.446 χ^2/NDF : 7.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.355+/-2.926 χ^2/NDF : 22.9/23

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8636.372+/-3.144 χ^2/NDF : 199218.4/10

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

Right Out: 8316.949+/-2.748 χ^2/NDF : 260550.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

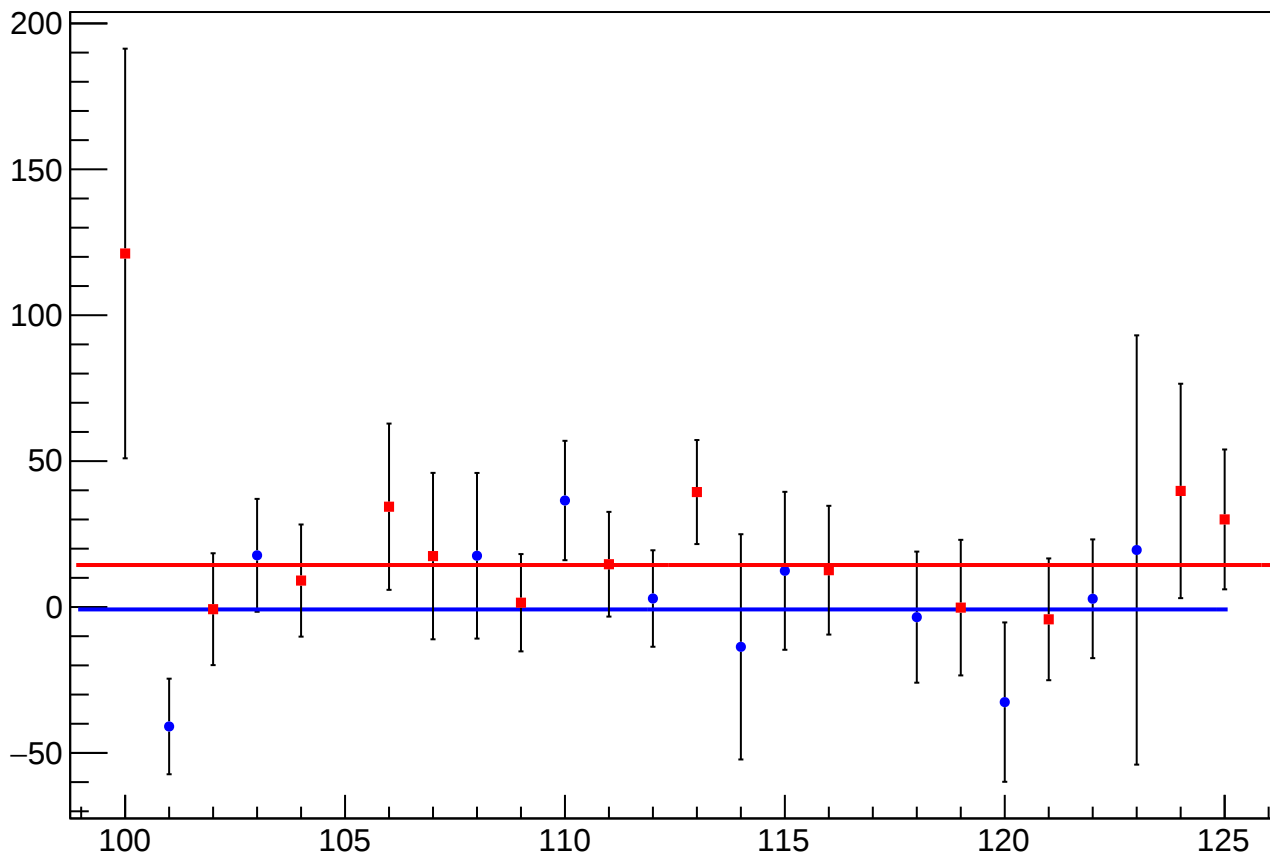
Right: 8455.299+/-2.069 χ^2/NDF : 465621.0/23

In: 8636.372+/-3.144 χ^2/NDF : 199218.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8455.299+/-2.069 χ^2/NDF : 465621.0/23

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.823 ± 6.796 χ^2/NDF : 12.5/10

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

Right Out: 14.399 ± 6.128 χ^2/NDF : 8.2/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

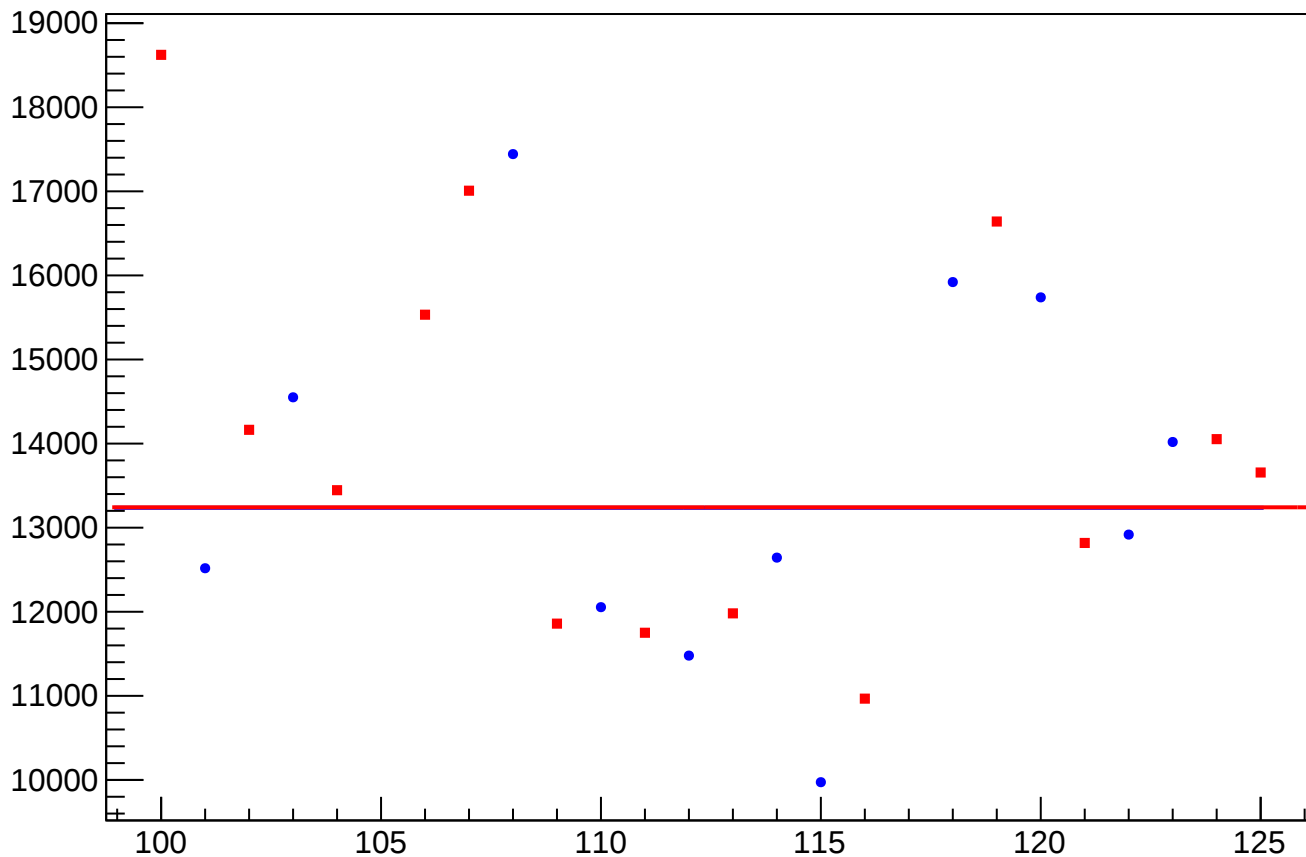
Right: 7.573 ± 4.551 χ^2/NDF : 23.5/23

In: -0.823 ± 6.796 χ^2/NDF : 12.5/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 7.573 ± 4.551 χ^2/NDF : 23.5/23

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13236.306+/-4.805 χ^2/NDF : 161925.3/10

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

Right Out: 13242.260+/-4.333 χ^2/NDF : 168479.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

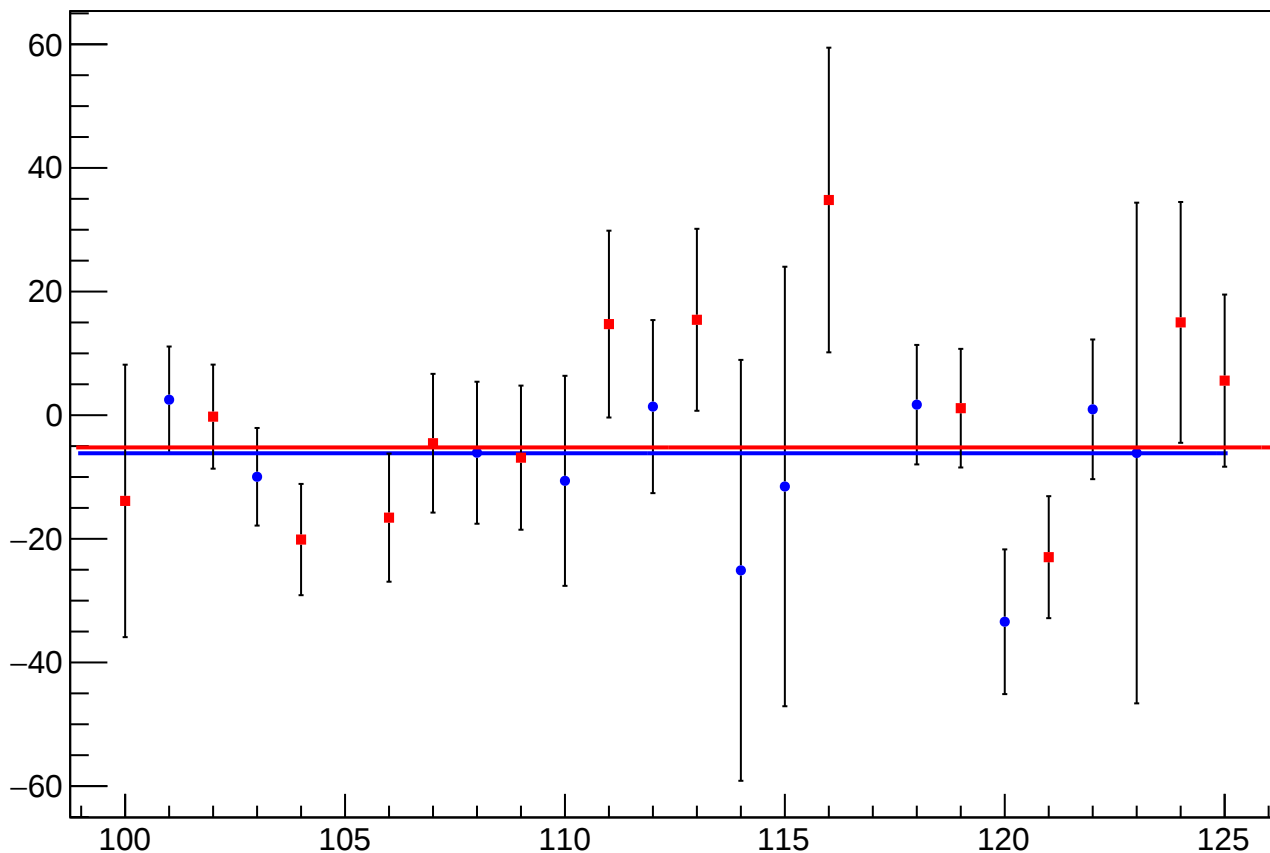
Right: 13239.590+/-3.218 χ^2/NDF : 330406.0/23

In: 13236.306+/-4.805 χ^2/NDF :161925.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13239.590+/-3.218 χ^2/NDF : 330406.0/23

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -6.159+/-3.681 χ^2/NDF : 8.4/10

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

Right Out: -5.213+/-3.284 χ^2/NDF : 16.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

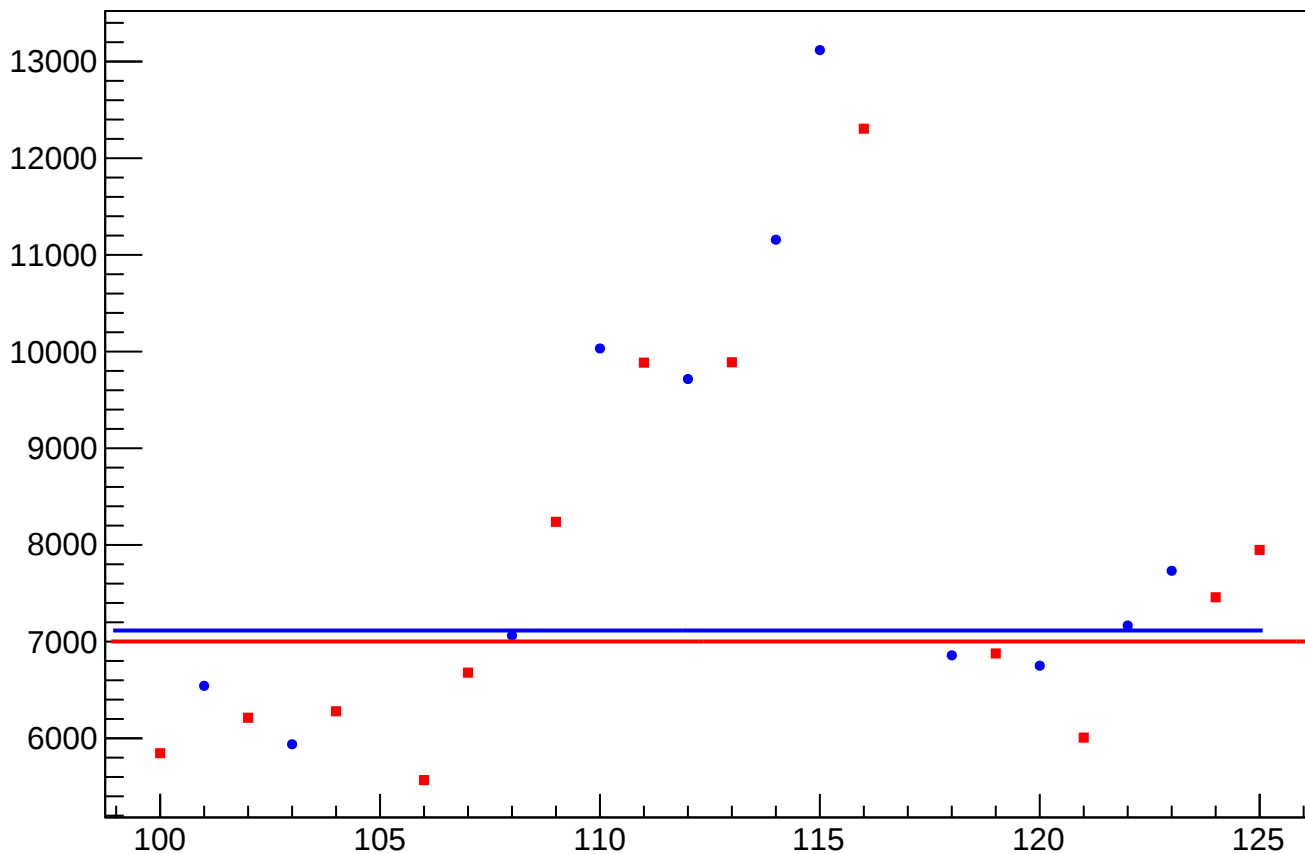
Right: -5.632+/-2.451 χ^2/NDF : 24.6/23

In: -6.159+/-3.681 χ^2/NDF : 8.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.632+/-2.451 χ^2/NDF : 24.6/23

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7114.966+/-2.603 χ^2/NDF : 270419.6/10

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

Right Out: 7001.424+/-2.322 χ^2/NDF : 371897.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

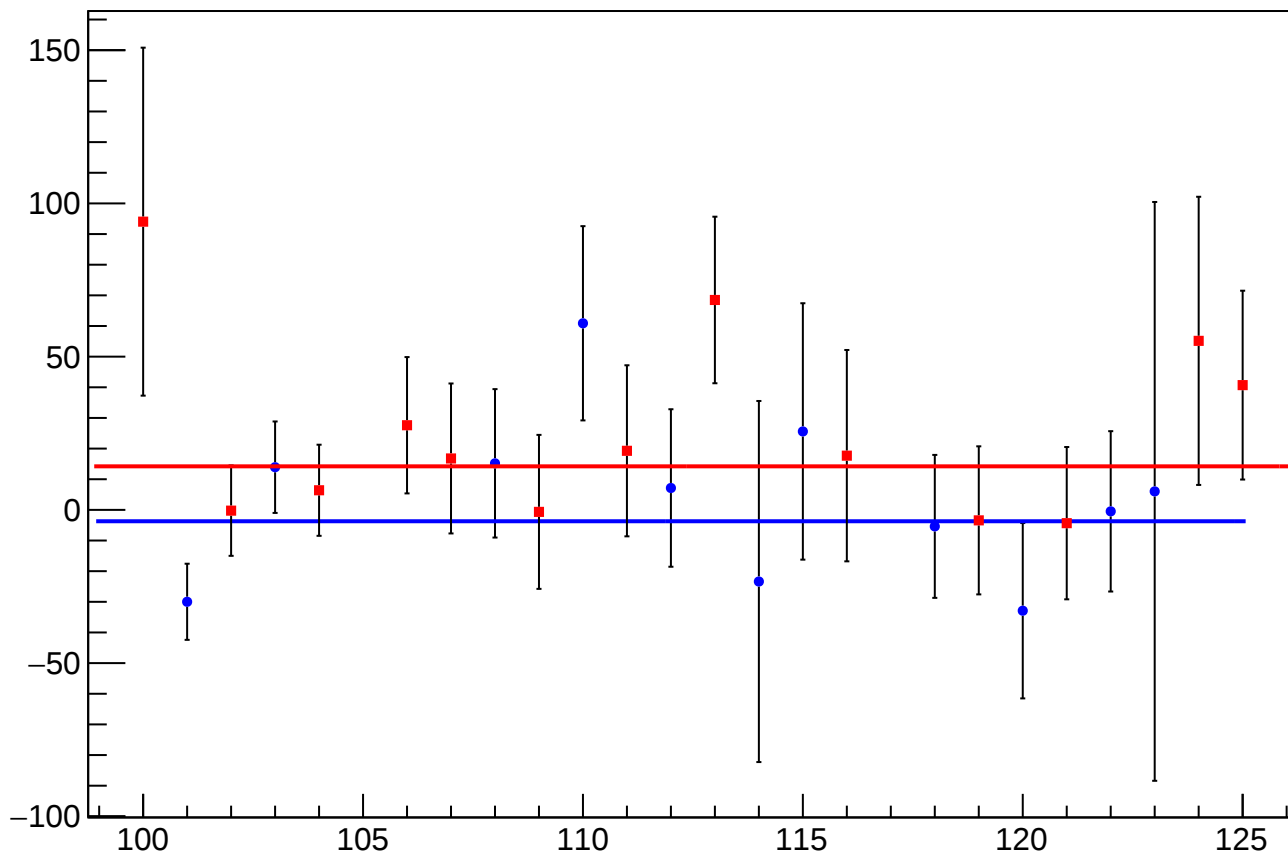
Right: 7051.748+/-1.733 χ^2/NDF : 643376.8/23

In: 7114.966+/-2.603 χ^2/NDF : 270419.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7051.748+/-1.733 χ^2/NDF : 643376.8/23

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -3.710+/-6.954 χ^2/NDF : 12.5/10

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

Right Out: 14.207+/-6.590 χ^2/NDF : 10.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

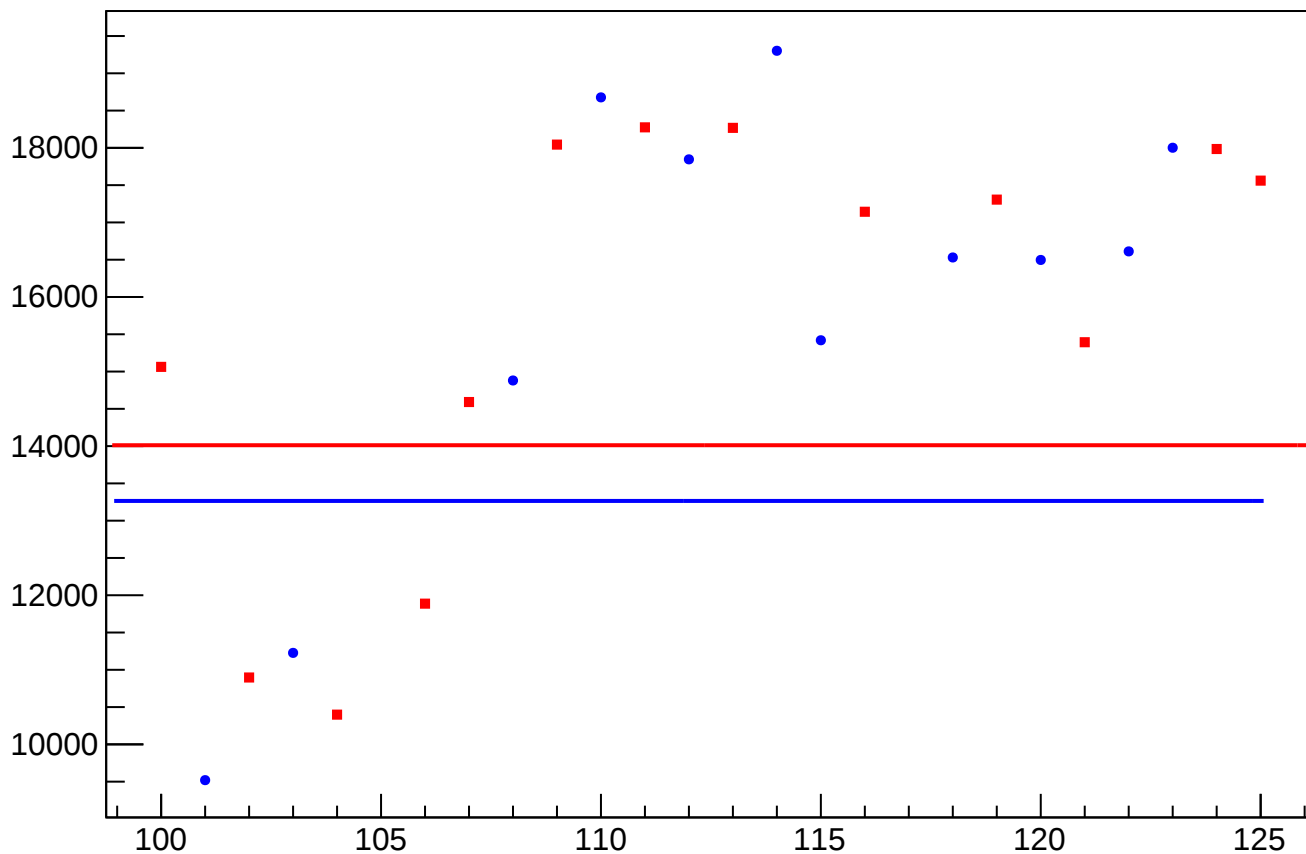
Right: 5.730+/-4.783 χ^2/NDF : 26.5/23

In: -3.710+/-6.954 χ^2/NDF : 12.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.730+/-4.783 χ^2/NDF : 26.5/23

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 13264.804+/-4.917 χ^2/NDF : 478679.3/10

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

Right Out: 14011.892+/-4.660 χ^2/NDF : 475394.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

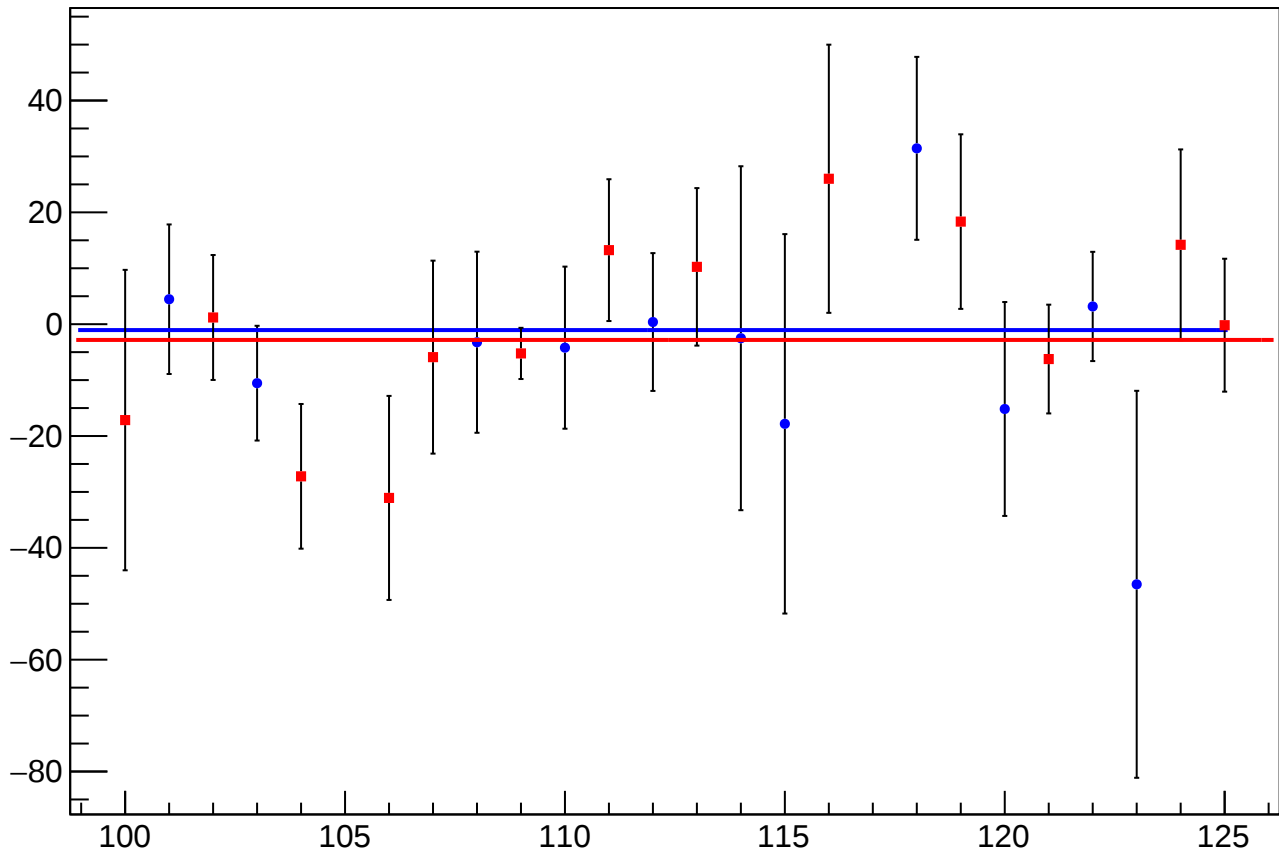
Right: 13658.410+/-3.382 χ^2/NDF : 966236.9/23

In: 13264.804+/-4.917 χ^2/NDF : 478679.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13658.410+/-3.382 χ^2/NDF : 966236.9/23

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: -1.054+/-4.474 χ^2/NDF : 7.8/10

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

Right Out: -2.817+/-3.048 χ^2/NDF : 13.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

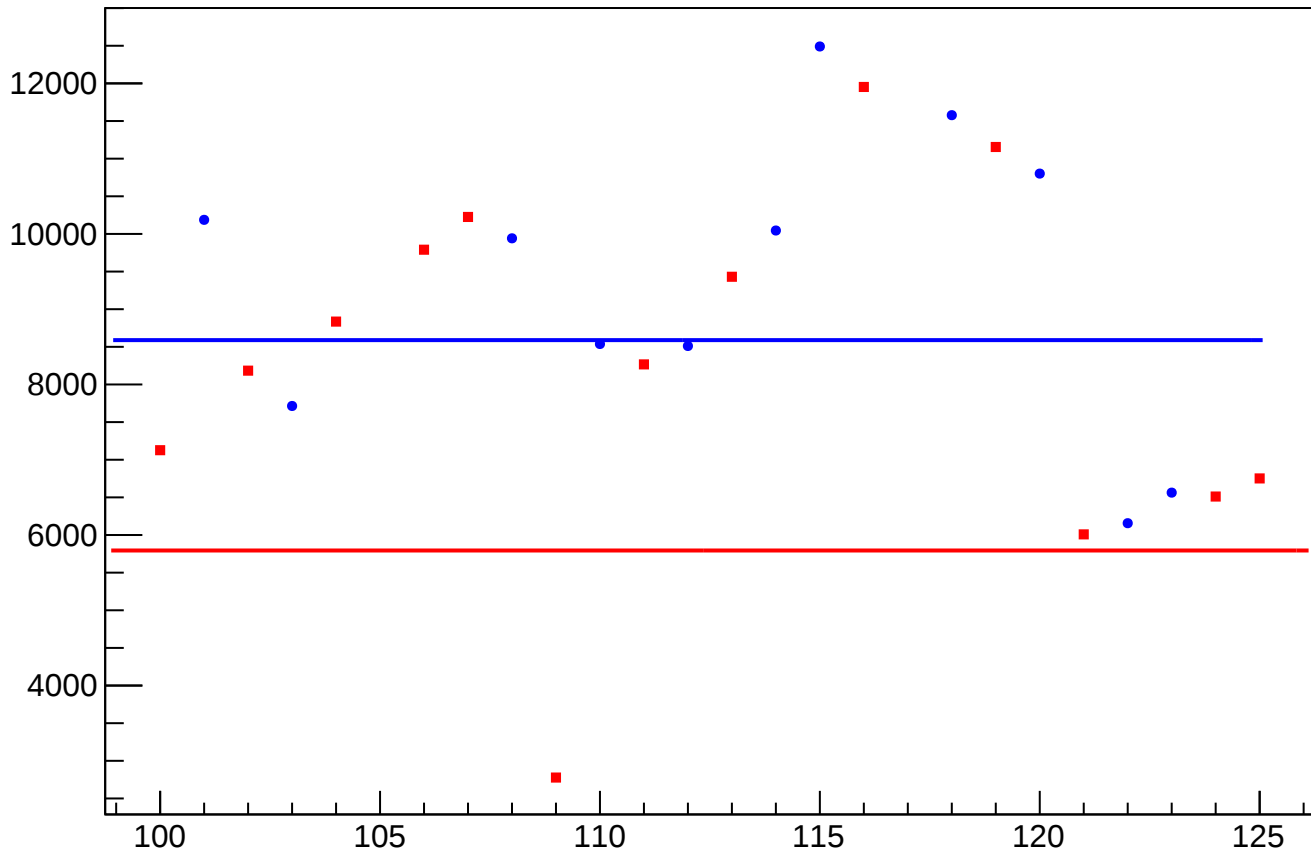
Right: -2.258+/-2.519 χ^2/NDF : 21.5/23

In: -1.054+/-4.474 χ^2/NDF : 7.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.258+/-2.519 χ^2/NDF : 21.5/23

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8589.144+/-3.164 χ^2/NDF : 312420.1/10

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

Right Out: 5794.296+/-2.155 χ^2/NDF : 1897877.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

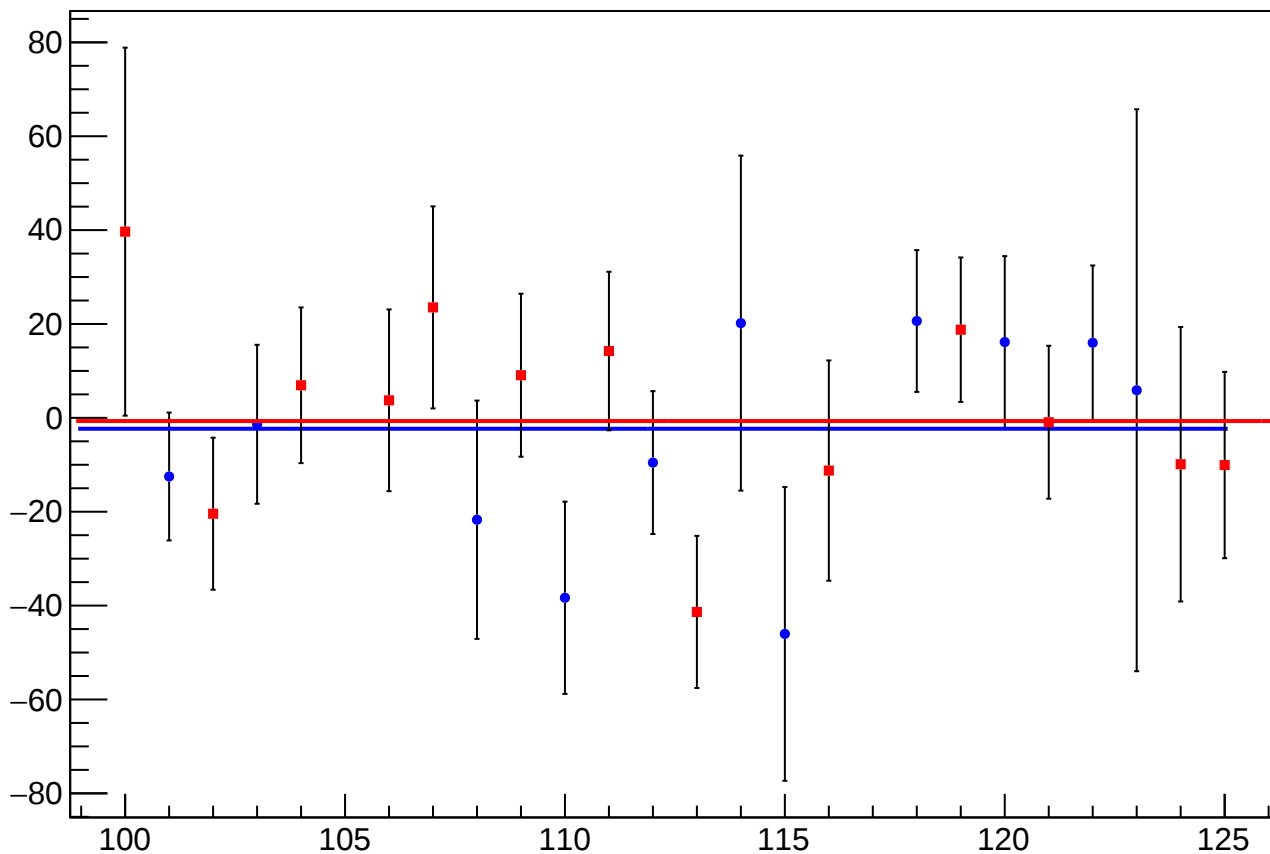
Right: 6680.207+/-1.781 χ^2/NDF : 2743367.7/23

In: 8589.144+/-3.164 χ^2/NDF : 312420.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6680.207+/-1.781 χ^2/NDF : 2743367.7/23

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -2.321+/-5.748 χ^2/NDF : 11.4/10

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

Right Out: -0.679+/-5.194 χ^2/NDF : 13.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

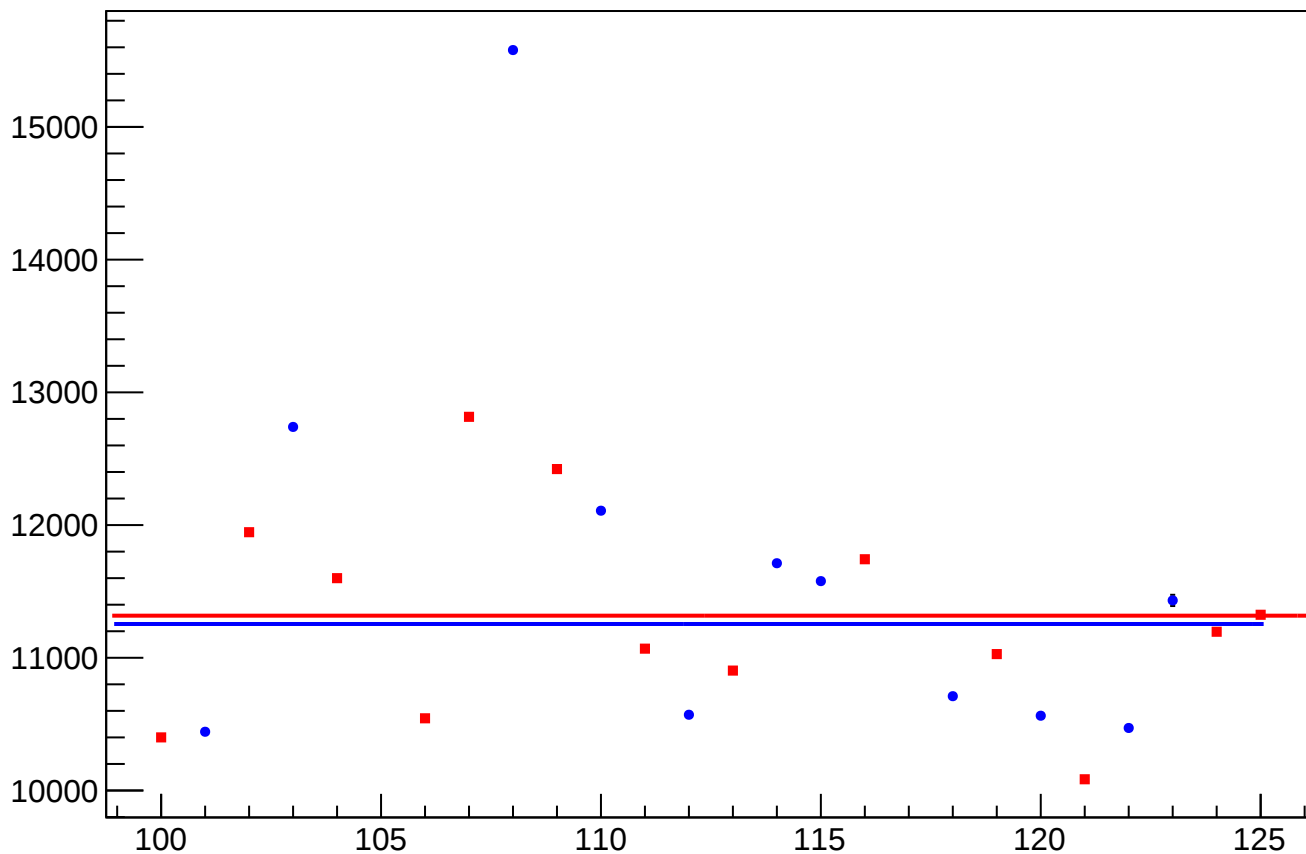
Right: -1.417+/-3.853 χ^2/NDF : 25.0/23

In: -2.321+/-5.748 χ^2/NDF : 11.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.417+/-3.853 χ^2/NDF : 25.0/23

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11254.612+/-4.064 χ^2/NDF : 98579.9/10

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

Right Out: 11317.330+/-3.672 χ^2/NDF : 40262.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

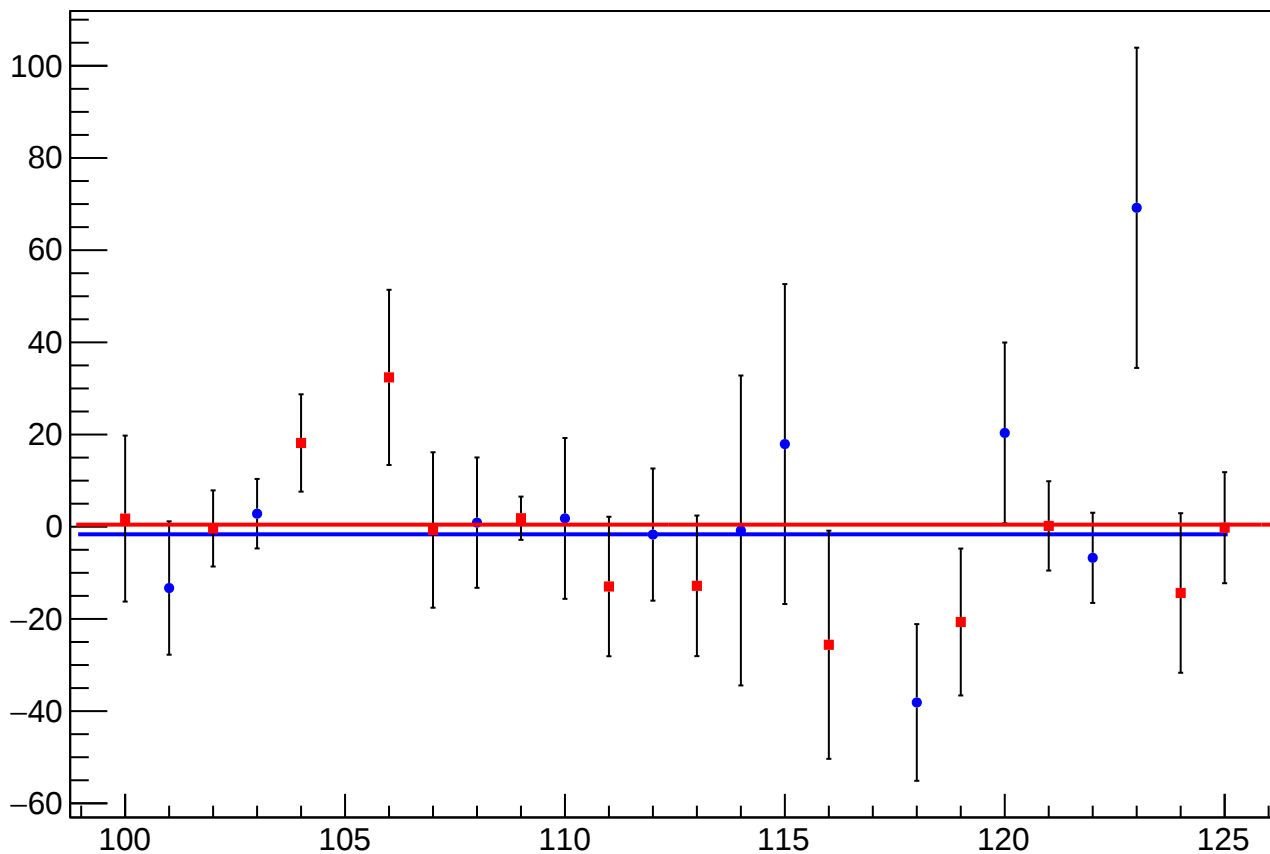
Right: 11289.138+/-2.725 χ^2/NDF : 138973.2/23

In: 11254.612+/-4.064 χ^2/NDF : 98579.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11289.138+/-2.725 χ^2/NDF : 138973.2/23

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -1.643 ± 4.280 χ^2/NDF : 11.7/10

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

Right Out: 0.456 ± 2.967 χ^2/NDF : 10.9/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

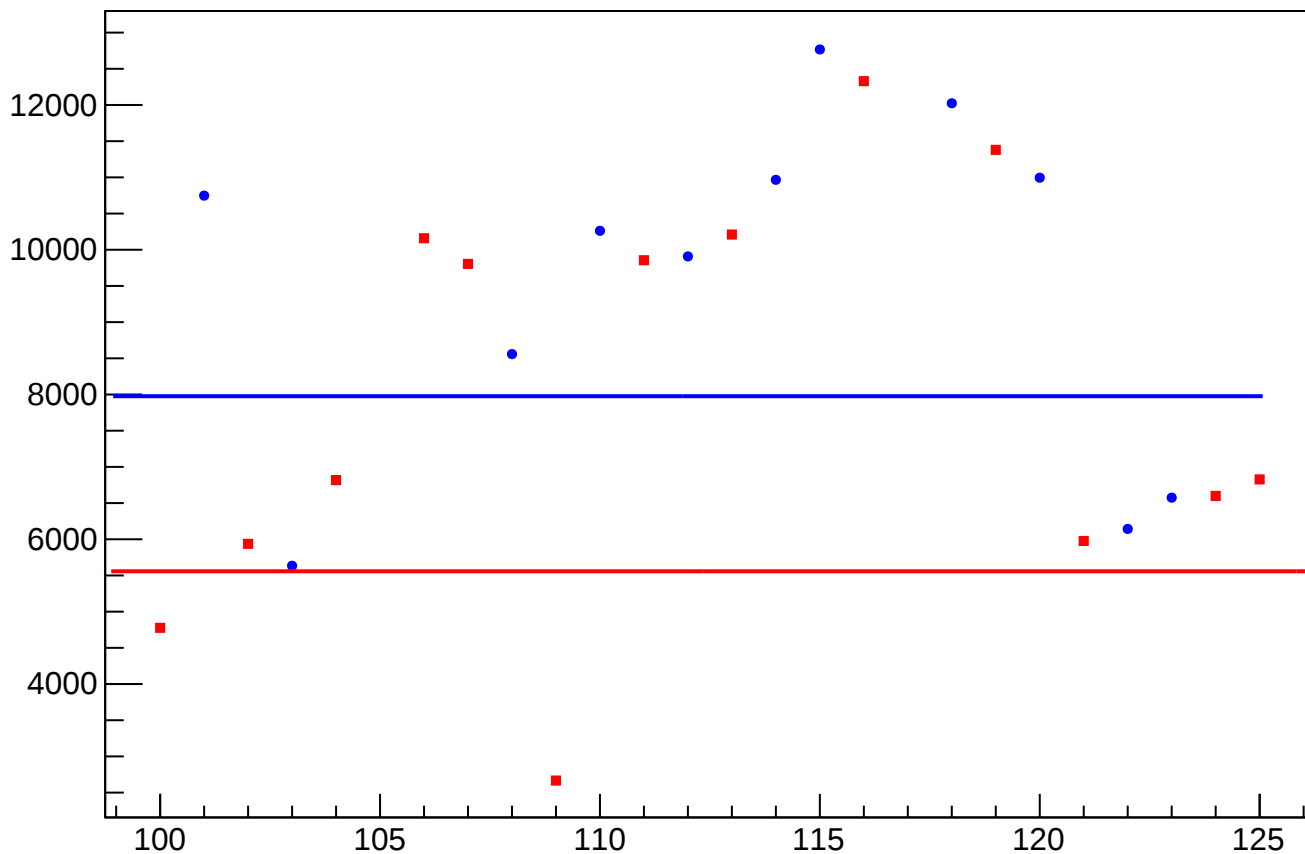
Right: -0.225 ± 2.438 χ^2/NDF : 22.7/23

In: -1.643 ± 4.280 χ^2/NDF : 11.7/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.225 ± 2.438 χ^2/NDF : 22.7/23

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 7976.674+/-3.027 χ^2/NDF : 628693.2/10

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

Right Out: 5557.824+/-2.098 χ^2/NDF : 1838863.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

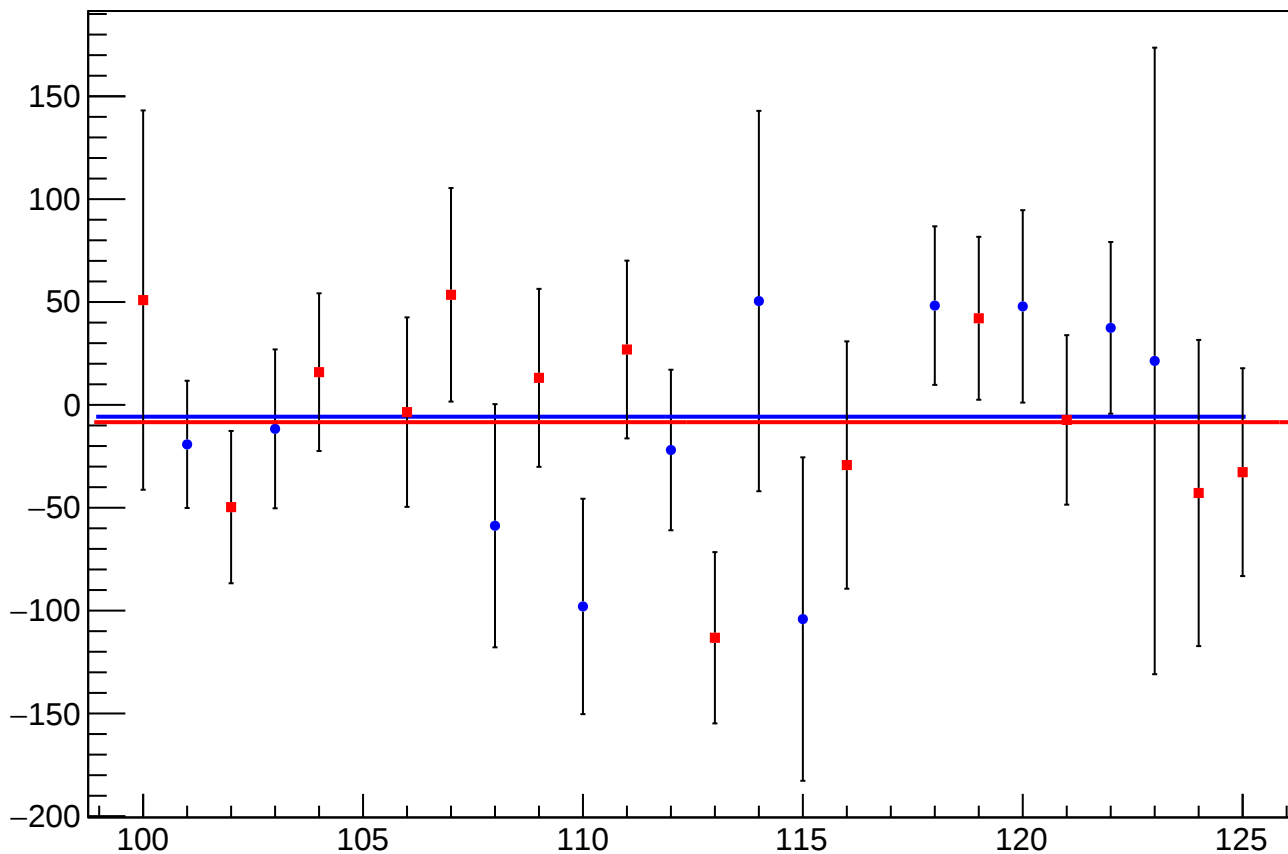
Right: 6342.707+/-1.724 χ^2/NDF : 2898987.0/23

In: 7976.674+/-3.027 χ^2/NDF : 628693.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6342.707+/-1.724 χ^2/NDF : 2898987.0/23

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -5.743+/-14.071 χ^2/NDF : 10.6/10

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

Right Out: -8.402+/-12.810 χ^2/NDF : 12.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

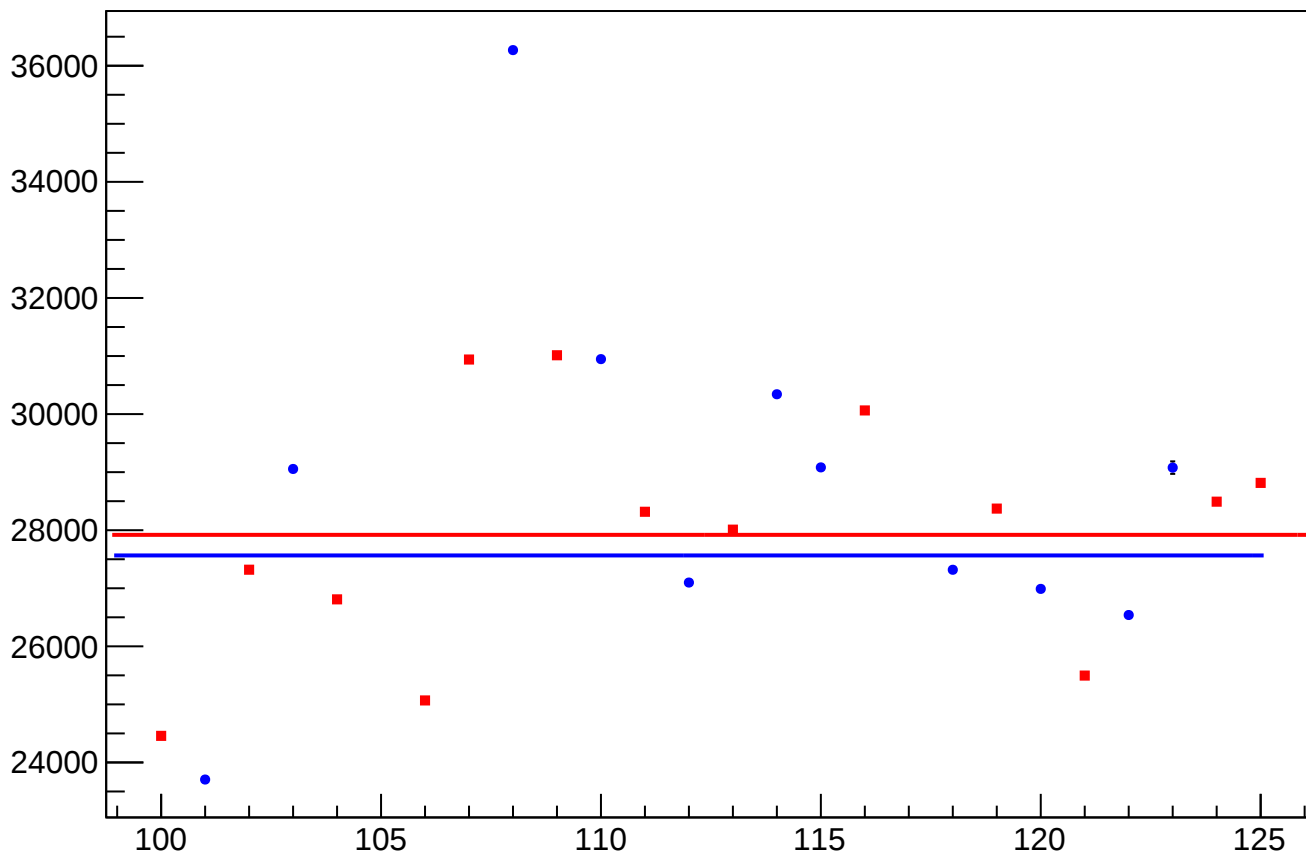
Right: -7.197+/-9.473 χ^2/NDF : 23.6/23

In: -5.743+/-14.071 χ^2/NDF : 10.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.197+/-9.473 χ^2/NDF : 23.6/23

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 27565.454+/-9.950 χ^2/NDF : 90465.2/10

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

Right Out: 27920.062+/-9.058 χ^2/NDF : 40344.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

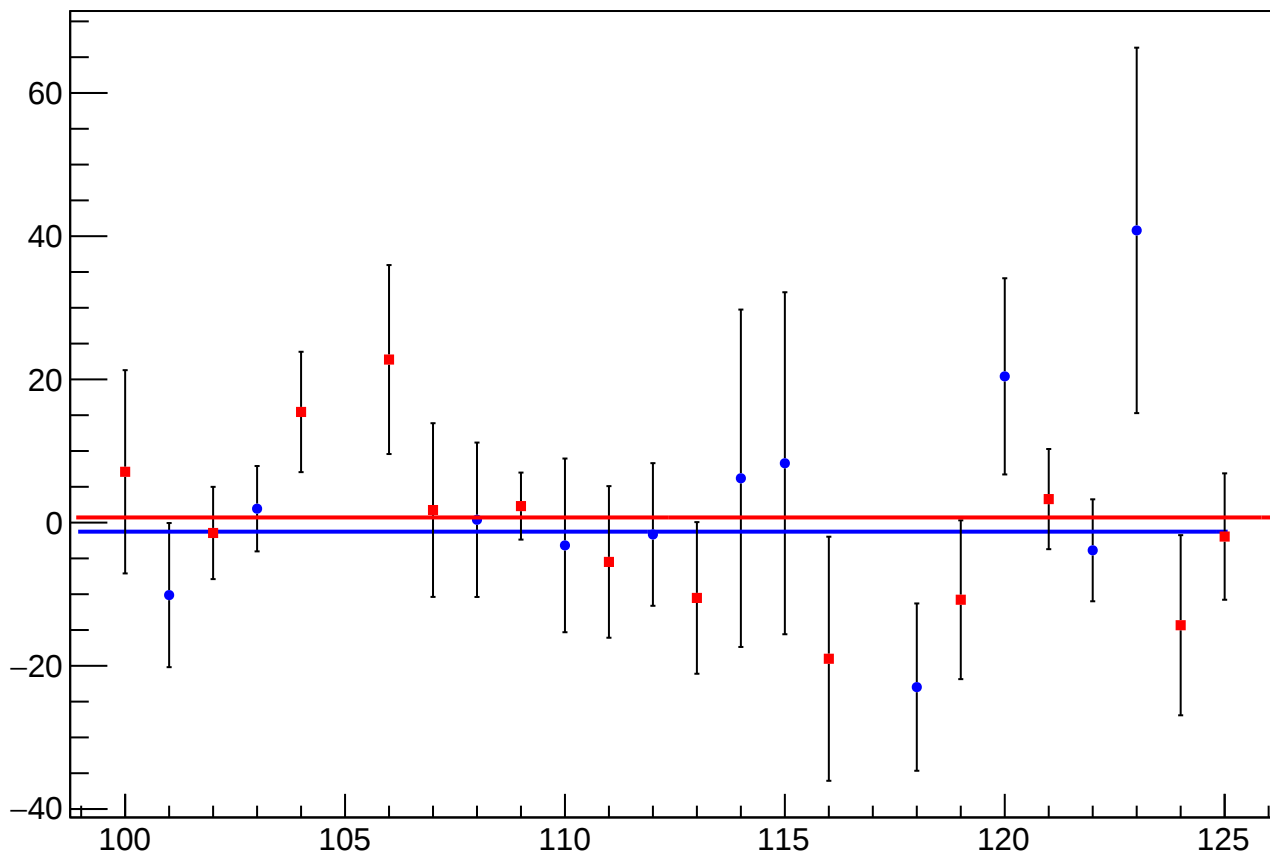
Right: 27759.359+/-6.698 χ^2/NDF : 131503.8/23

In: 27565.454+/-9.950 χ^2/NDF : 90465.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27759.359+/-6.698 χ^2/NDF : 131503.8/23

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -1.264+/-3.147 χ^2/NDF : 10.2/10

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

Right Out: 0.721+/-2.422 χ^2/NDF : 11.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

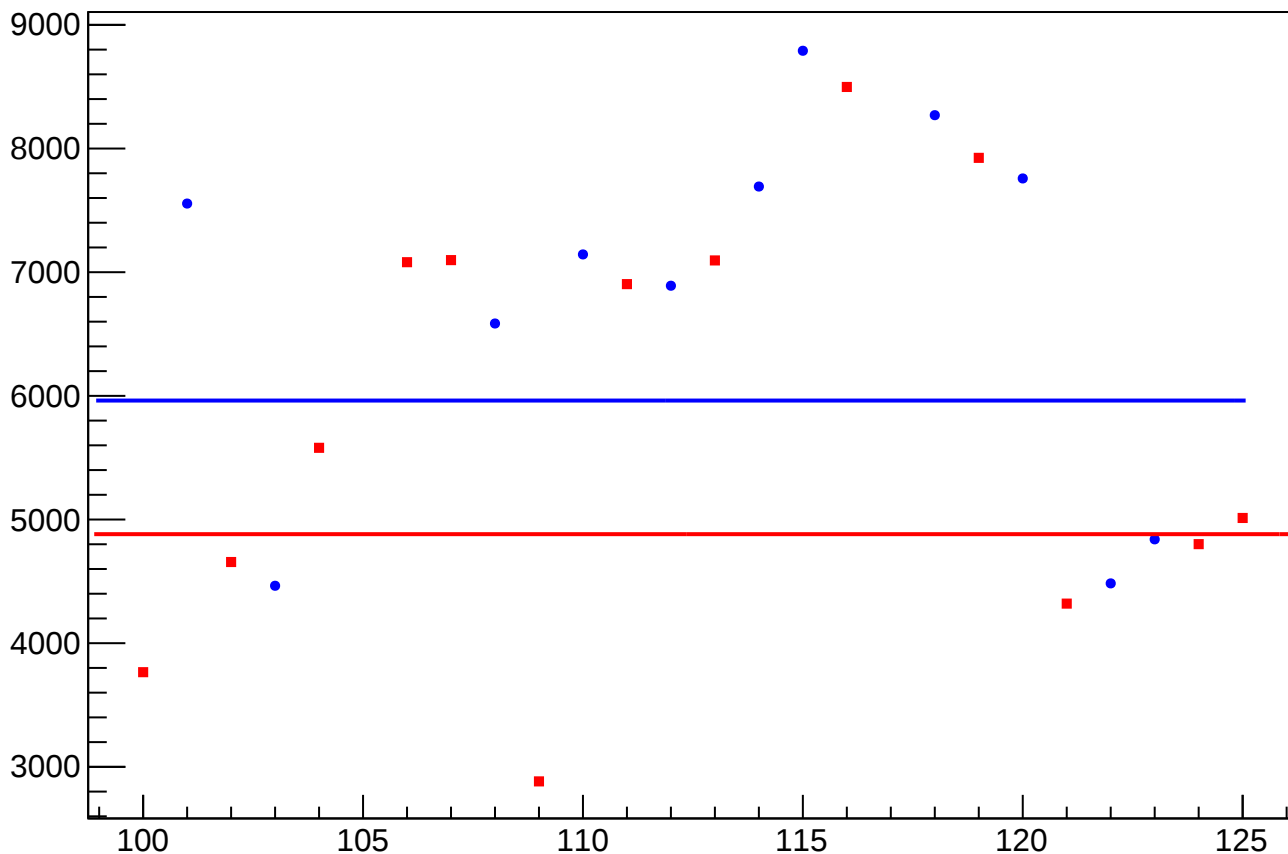
Right: -0.018+/-1.920 χ^2/NDF : 22.3/23

In: -1.264+/-3.147 χ^2/NDF : 10.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-1.920 χ^2/NDF : 22.3/23

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5962.095+/-2.225 χ^2/NDF : 460729.2/10

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

Right Out: 4881.664+/-1.713 χ^2/NDF : 930293.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

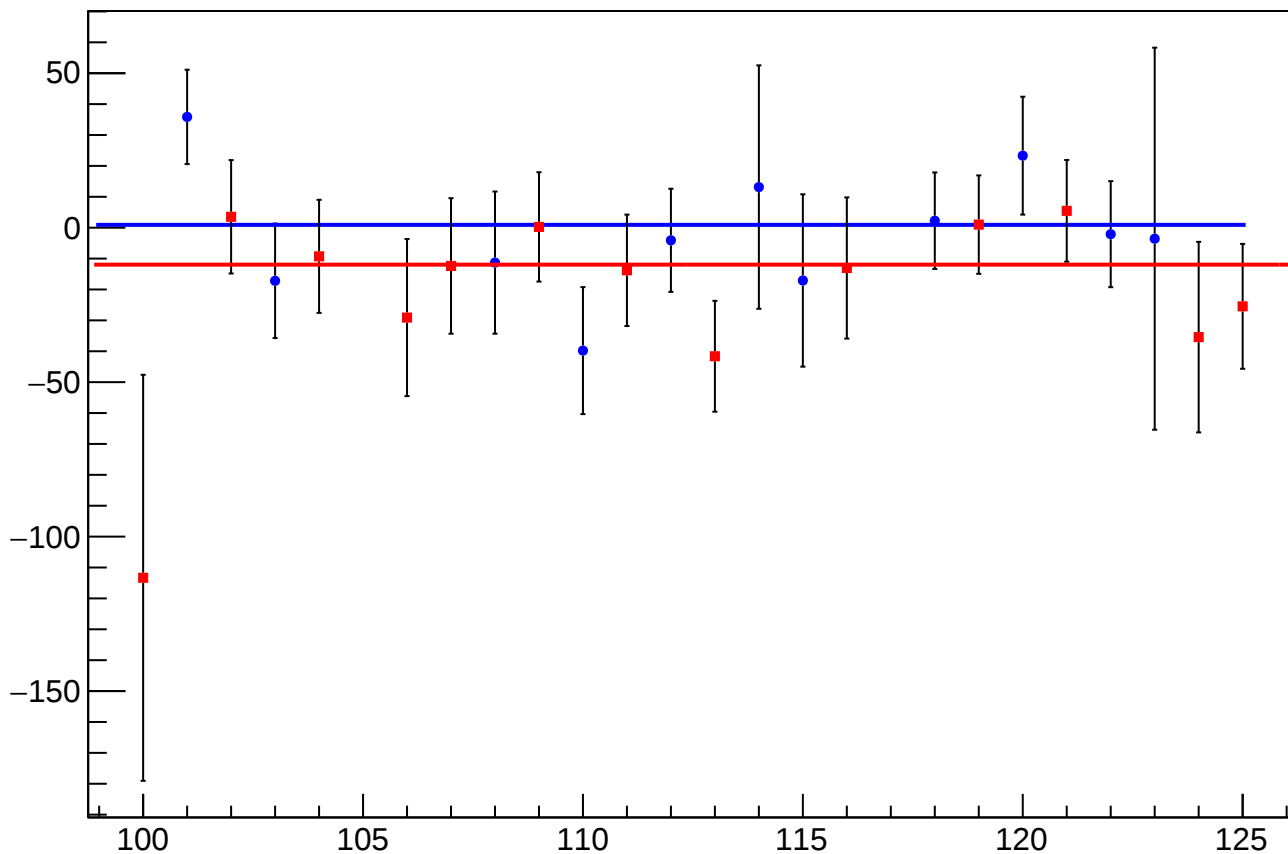
Right: 5283.602+/-1.357 χ^2/NDF : 1539038.8/23

In: 5962.095+/-2.225 χ^2/NDF : 460729.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5283.602+/-1.357 χ^2/NDF : 1539038.8/23

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 0.917+/-6.033 χ^2/NDF : 12.4/10

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

Right Out: -11.964+/-5.570 χ^2/NDF : 9.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

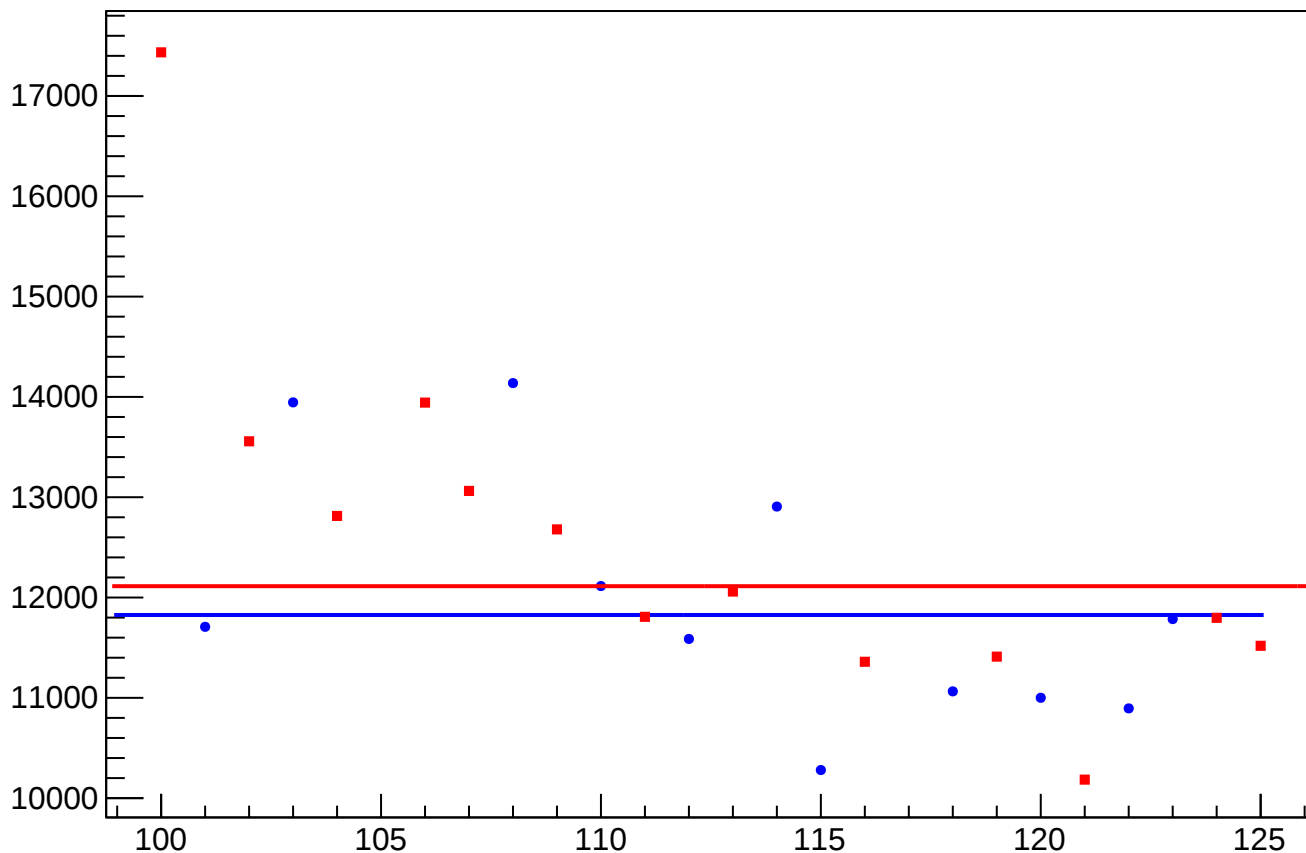
Right: -6.036+/-4.092 χ^2/NDF : 24.5/23

In: 0.917+/-6.033 χ^2/NDF : 12.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.036+/-4.092 χ^2/NDF : 24.5/23

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 11826.009+/-4.266 χ^2/NDF : 69300.0/10

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

Right Out: 12113.094+/-3.938 χ^2/NDF : 80664.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

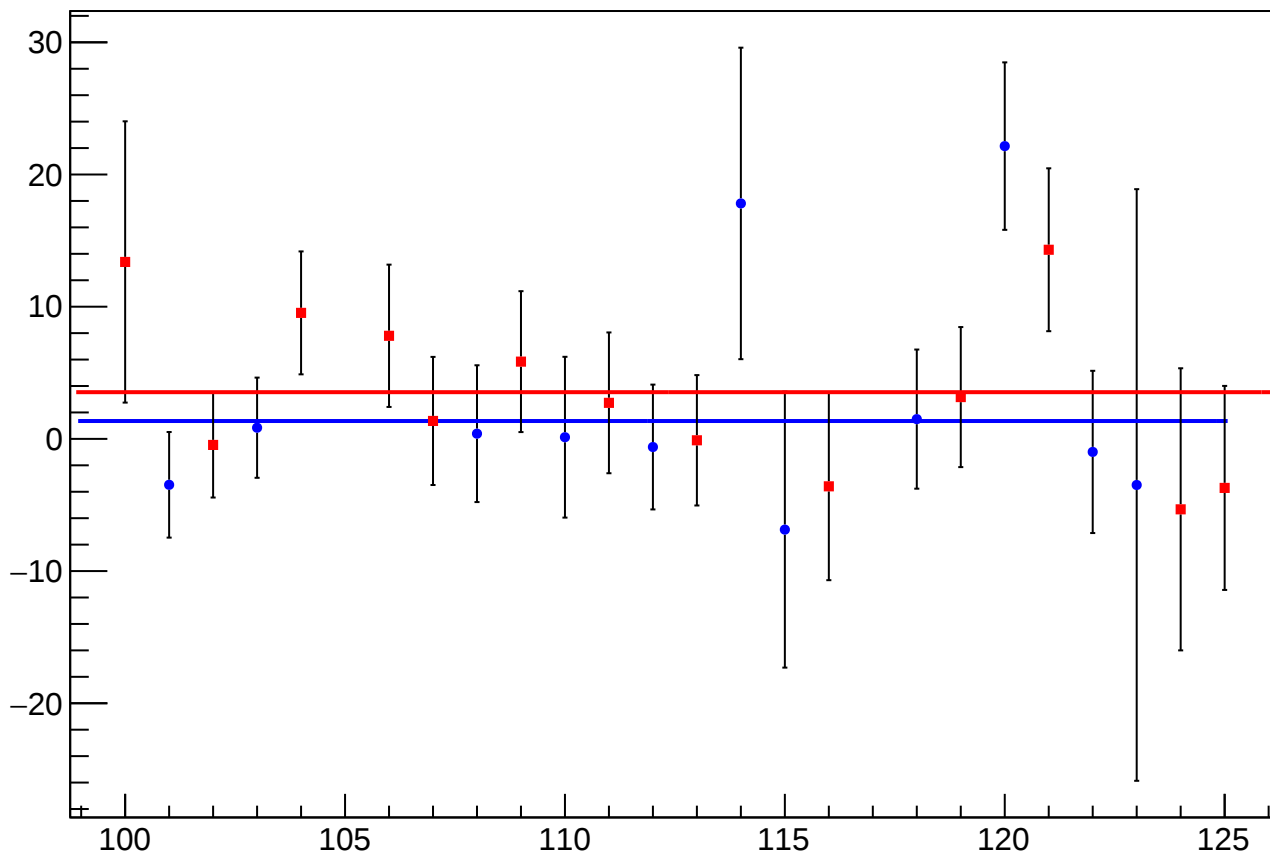
Right: 11980.983+/-2.894 χ^2/NDF : 152410.0/23

In: 11826.009+/-4.266 χ^2/NDF : 69300.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11980.983+/-2.894 χ^2/NDF : 152410.0/23

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 1.352+/-1.696 χ^2/NDF : 15.3/10

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

Right Out: 3.533+/-1.554 χ^2/NDF : 10.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

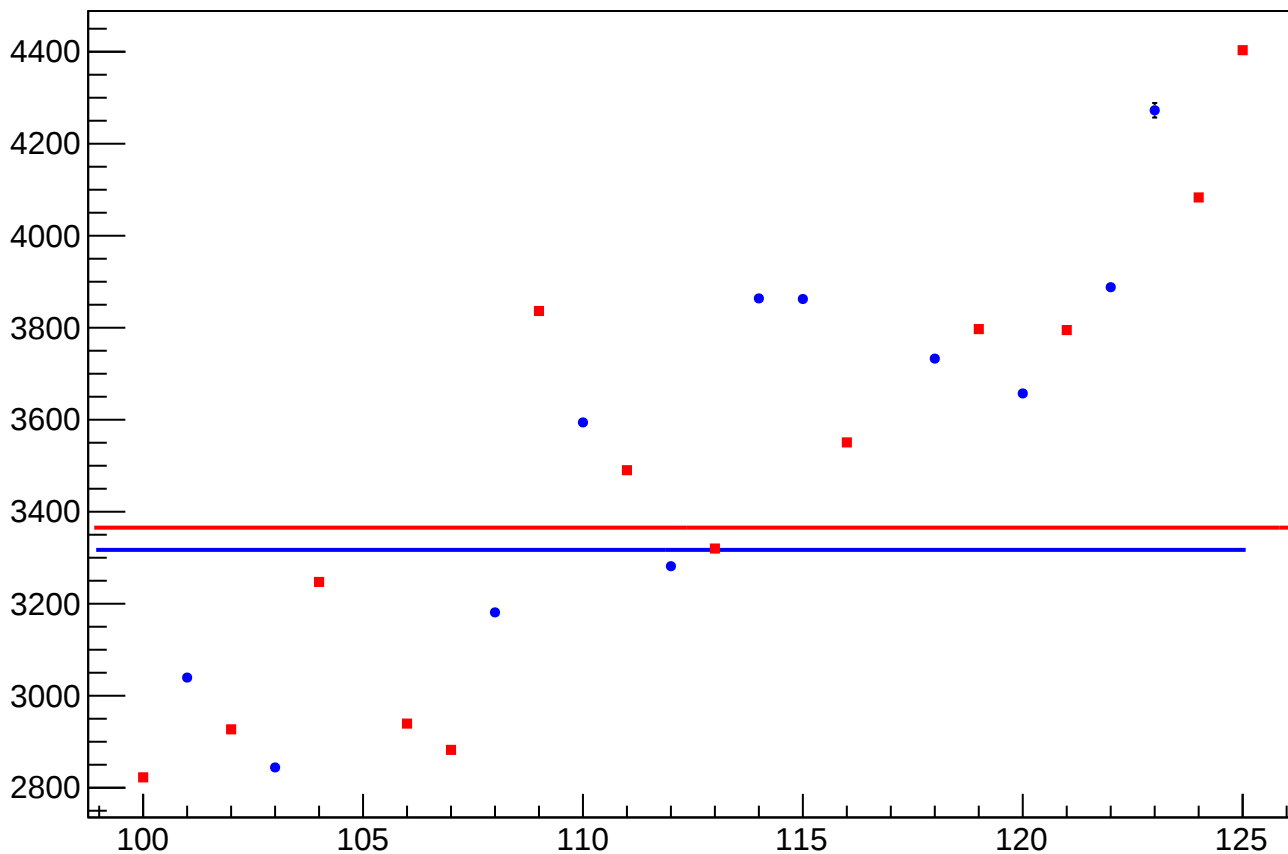
Right: 2.538+/-1.146 χ^2/NDF : 26.9/23

In: 1.352+/-1.696 χ^2/NDF : 15.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.538+/-1.146 χ^2/NDF : 26.9/23

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3317.092+/-1.200 χ^2/NDF : 95414.8/10

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

Right Out: 3365.403+/-1.099 χ^2/NDF : 149663.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

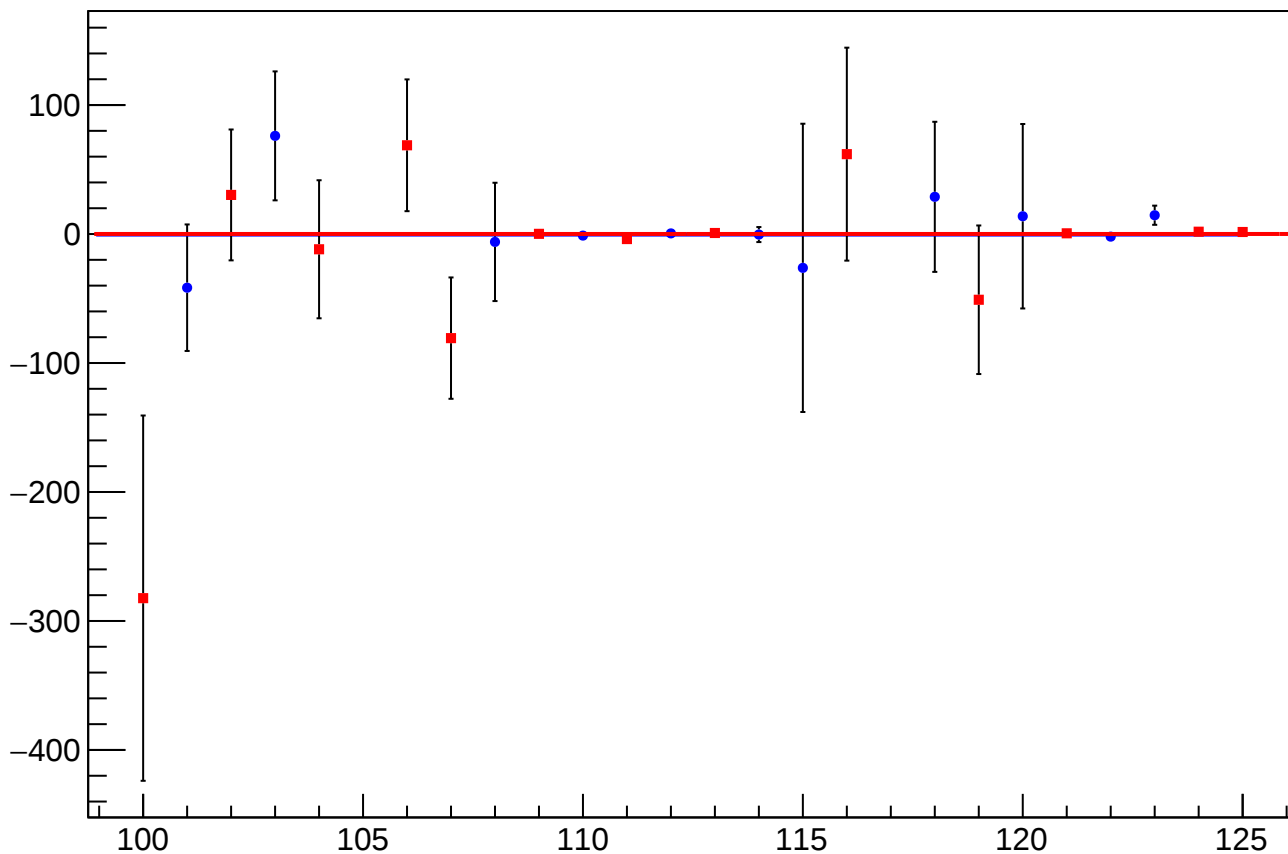
Right: 3343.367+/-0.810 χ^2/NDF : 245959.9/23

In: 3317.092+/-1.200 χ^2/NDF : 95414.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3343.367+/-0.810 χ^2/NDF : 245959.9/23

diff_bpm1p02bX_mean vs Slug, Sign Corrected



Right In: -0.406 ± 1.396 χ^2/NDF : 8.2/10

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

Right Out: 0.046 ± 1.018 χ^2/NDF : 13.4/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

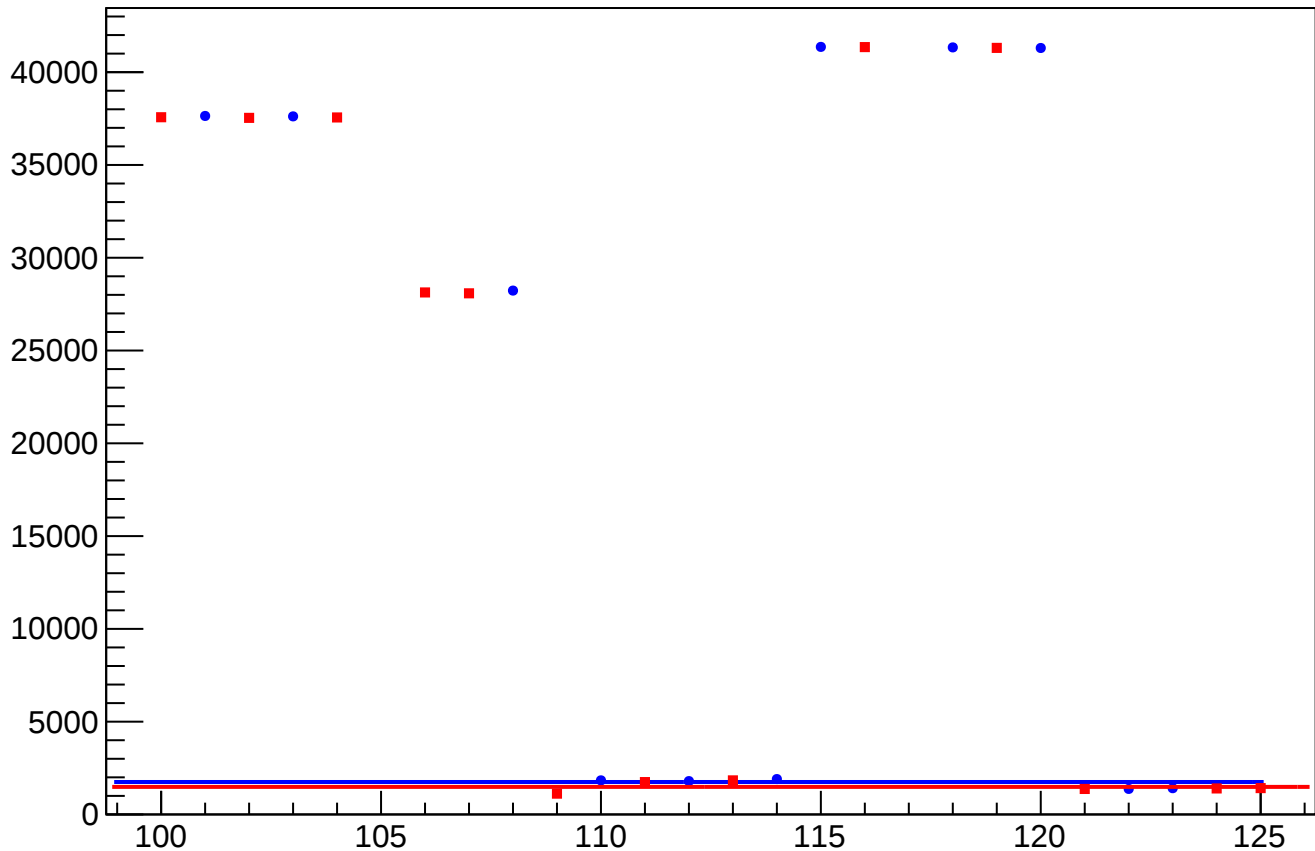
Right: -0.111 ± 0.822 χ^2/NDF : 21.7/23

In: -0.406 ± 1.396 χ^2/NDF : 8.2/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.111 ± 0.822 χ^2/NDF : 21.7/23

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 1749.276+/-0.987 χ^2/NDF : 4623303.6/10

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

Right Out: 1485.503+/-0.720 χ^2/NDF : 4800445.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

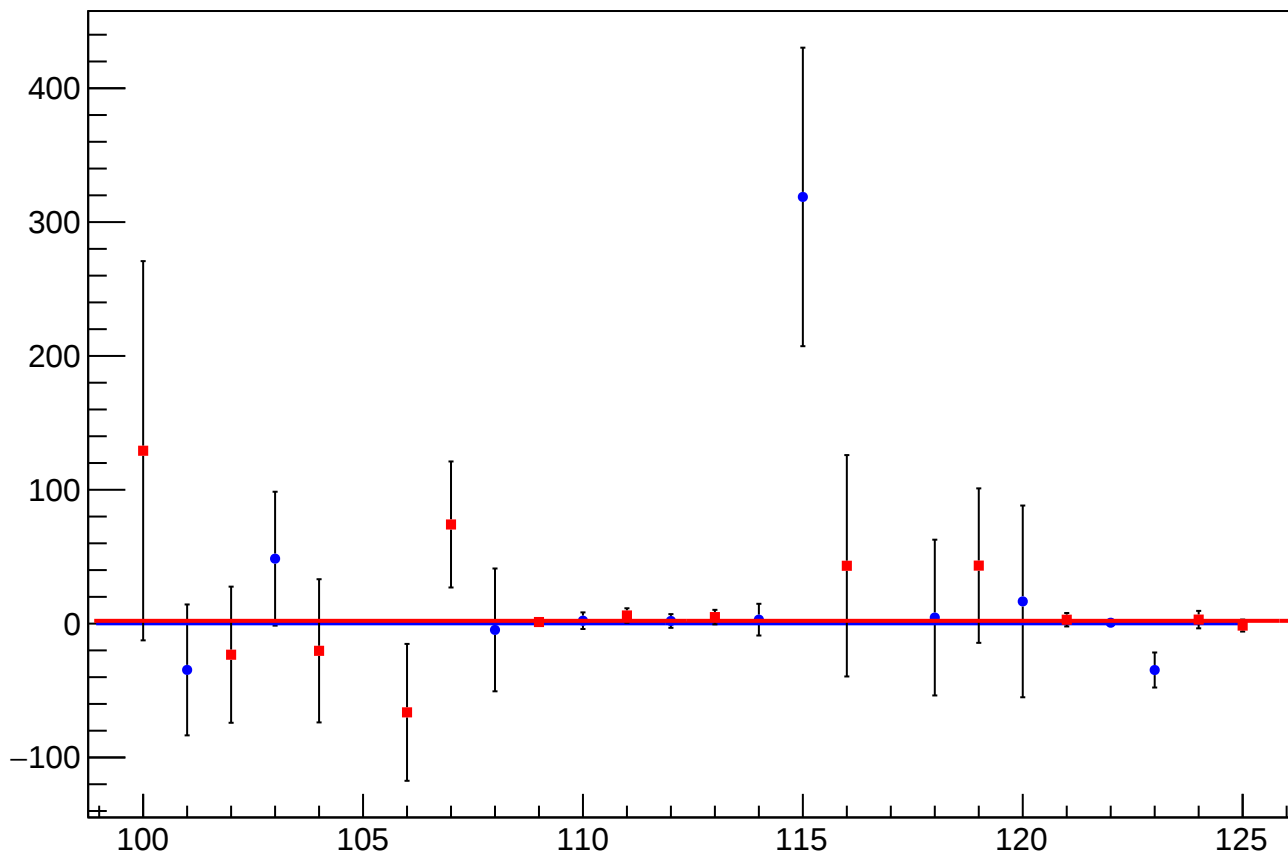
Right: 1577.074+/-0.581 χ^2/NDF : 9470392.4/23

In: 1749.276+/-0.987 χ^2/NDF :4623303.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1577.074+/-0.581 χ^2/NDF : 9470392.4/23

diff_bpm1p02bY_mean vs Slug, Sign Corrected



Right In: 0.216+/-2.589 χ^2/NDF : 17.1/10

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

Right Out: 2.090+/-1.760 χ^2/NDF : 7.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

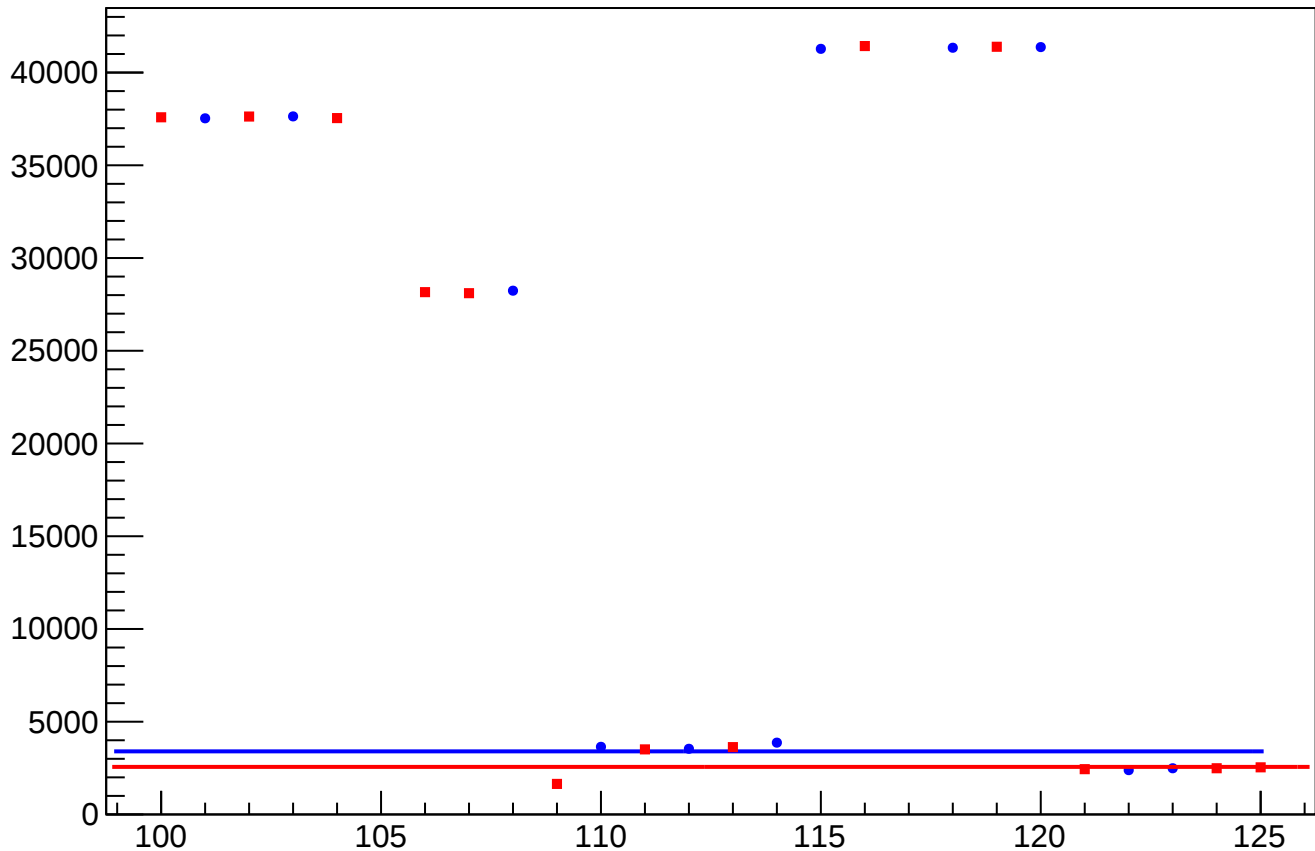
Right: 1.498+/-1.455 χ^2/NDF : 25.1/23

In: 0.216+/-2.589 χ^2/NDF : 17.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.498+/-1.455 χ^2/NDF : 25.1/23

diff_bpm1p02bY_rms vs Slug, Sign Corrected



Right In: 3401.631+/-1.831 χ^2/NDF : 4301556.8/10

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

Right Out: 2564.235+/-1.244 χ^2/NDF : 4739291.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

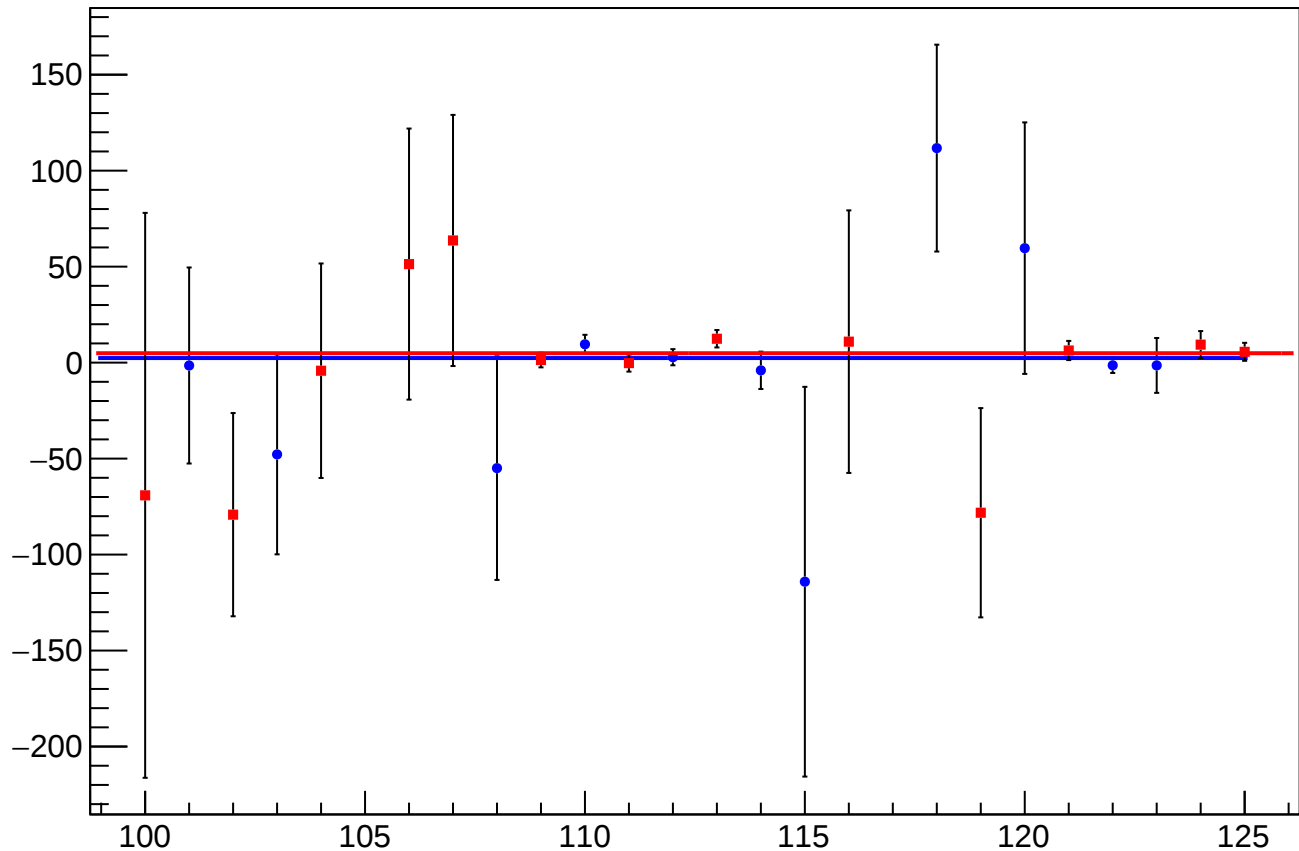
Right: 2828.831+/-1.029 χ^2/NDF : 9183980.8/23

In: 3401.631+/-1.831 χ^2/NDF : 4301556.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2828.831+/-1.029 χ^2/NDF : 9183980.8/23

diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: 2.375+/-2.373 χ^2/NDF : 11.6/10

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

Right Out: 4.894+/-1.904 χ^2/NDF : 11.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

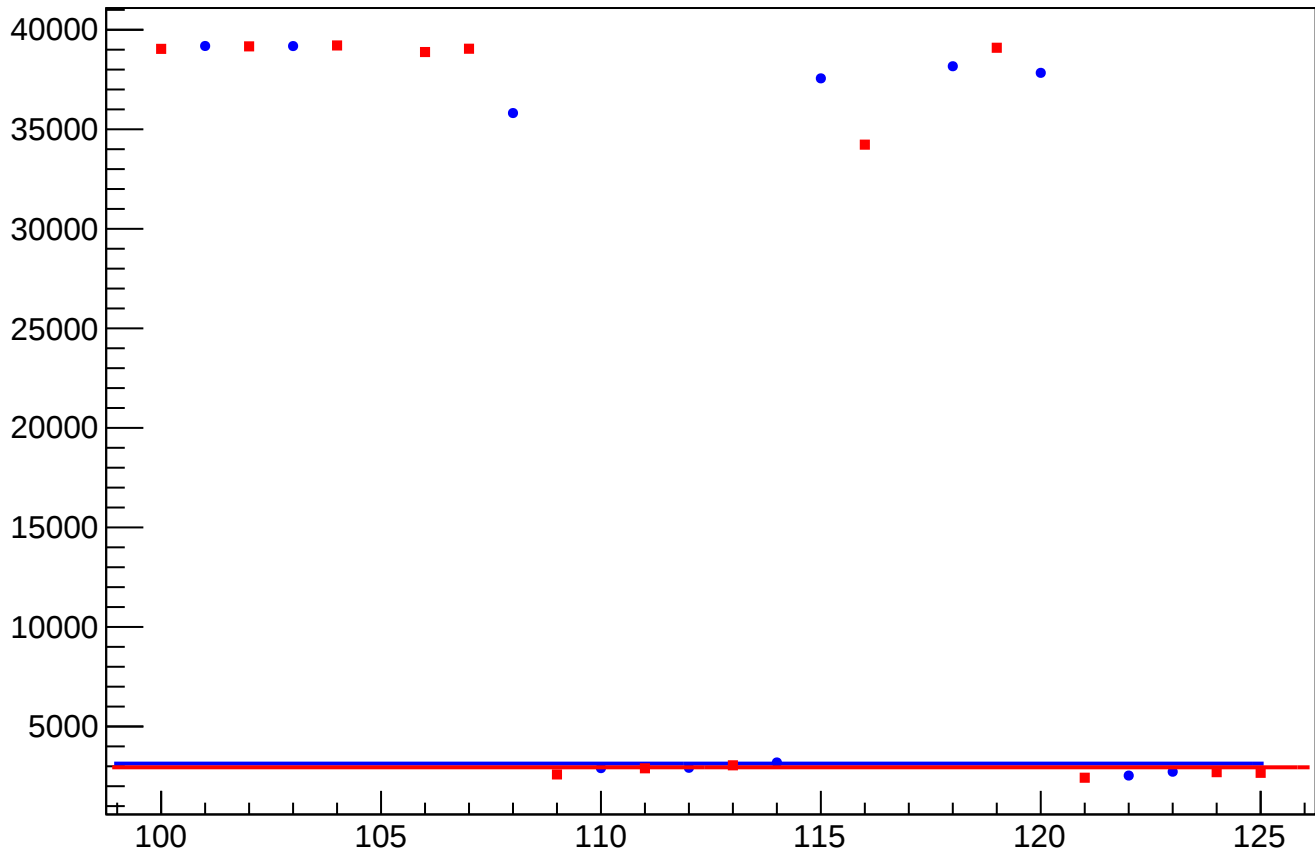
Right: 3.908+/-1.485 χ^2/NDF : 24.2/23

In: 2.375+/-2.373 χ^2/NDF : 11.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.908+/-1.485 χ^2/NDF : 24.2/23

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 3134.743 $\pm$ 1.678 χ^2/NDF : 4278044.1/10

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

Right Out: 2949.355 $\pm$ 1.346 χ^2/NDF : 4373920.2/12

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

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

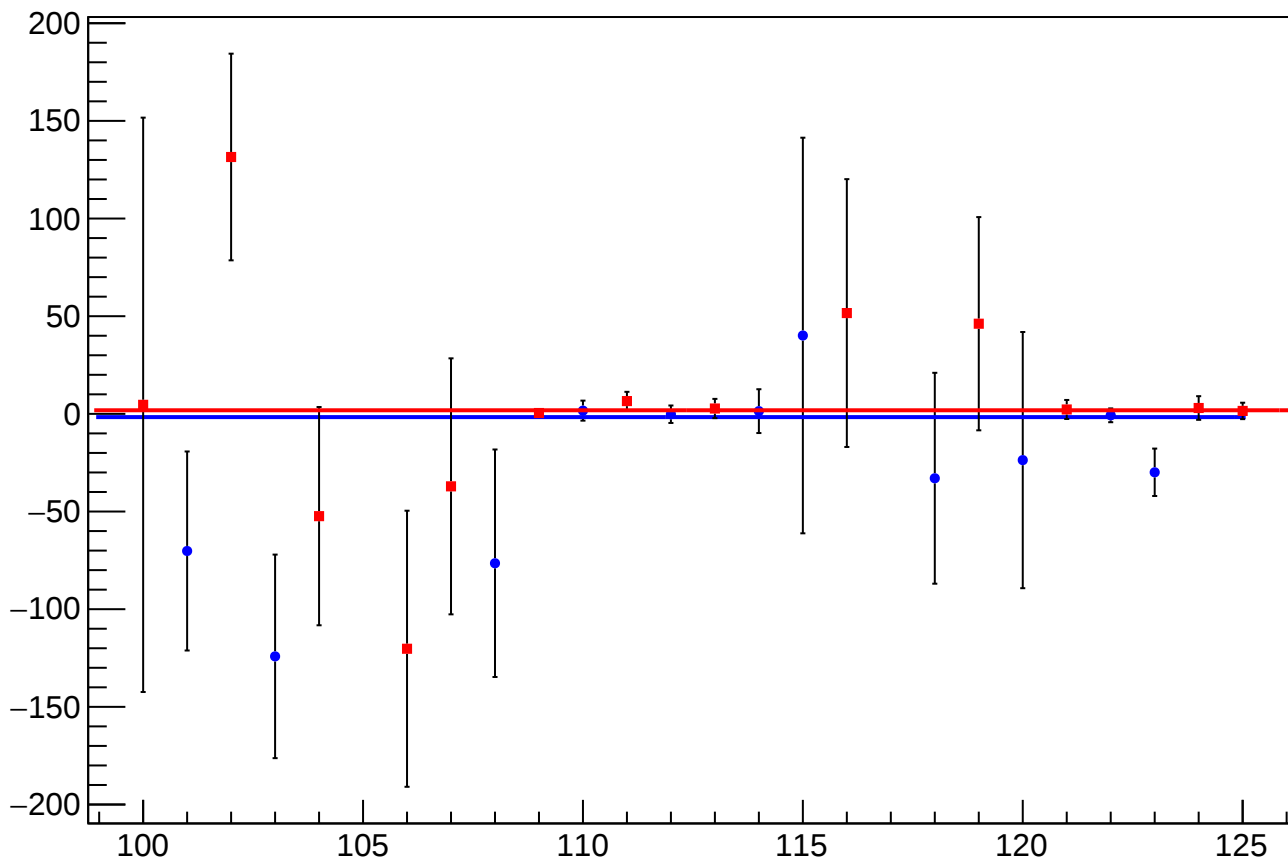
Right: 3021.972 $\pm$ 1.050 χ^2/NDF : 8659389.8/23

In: 3134.743 $\pm$ 1.678 χ^2/NDF : 4278044.1/10

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

All: 3021.972 $\pm$ 1.050 χ^2/NDF : 8659389.8/23

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: -1.658+/-2.327 χ^2 /NDF: 15.7/10

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

Right Out: 1.839+/-1.531 χ^2 /NDF: 13.0/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

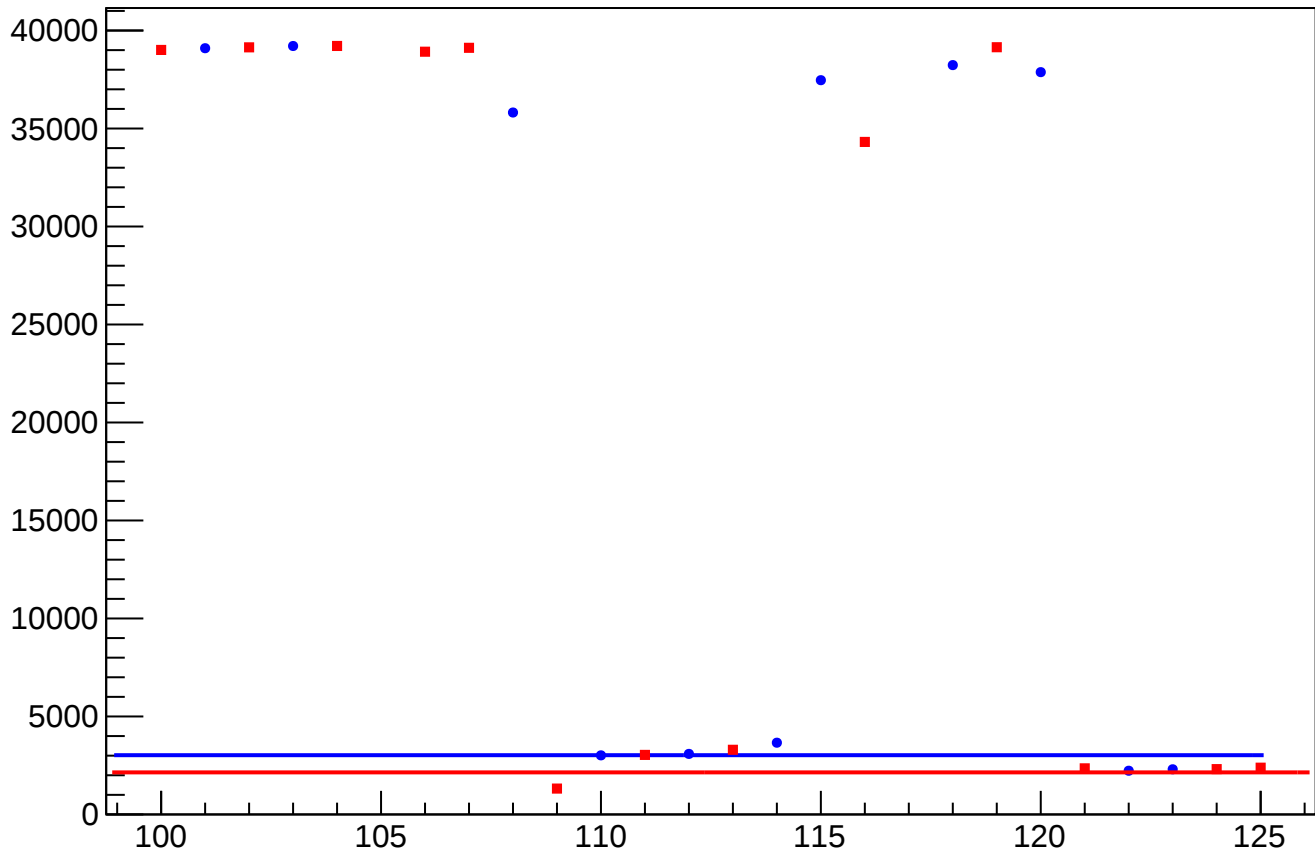
Right: 0.783+/-1.279 χ^2 /NDF: 30.2/23

In: -1.658+/-2.327 χ^2 /NDF:15.7/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.783+/-1.279 χ^2 /NDF: 30.2/23

diff_bpm1p03aY_rms vs Slug, Sign Corrected



Right In: 3024.189+/-1.645 χ^2/NDF : 4363357.3/10

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

Right Out: 2146.777+/-1.082 χ^2/NDF : 5004745.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

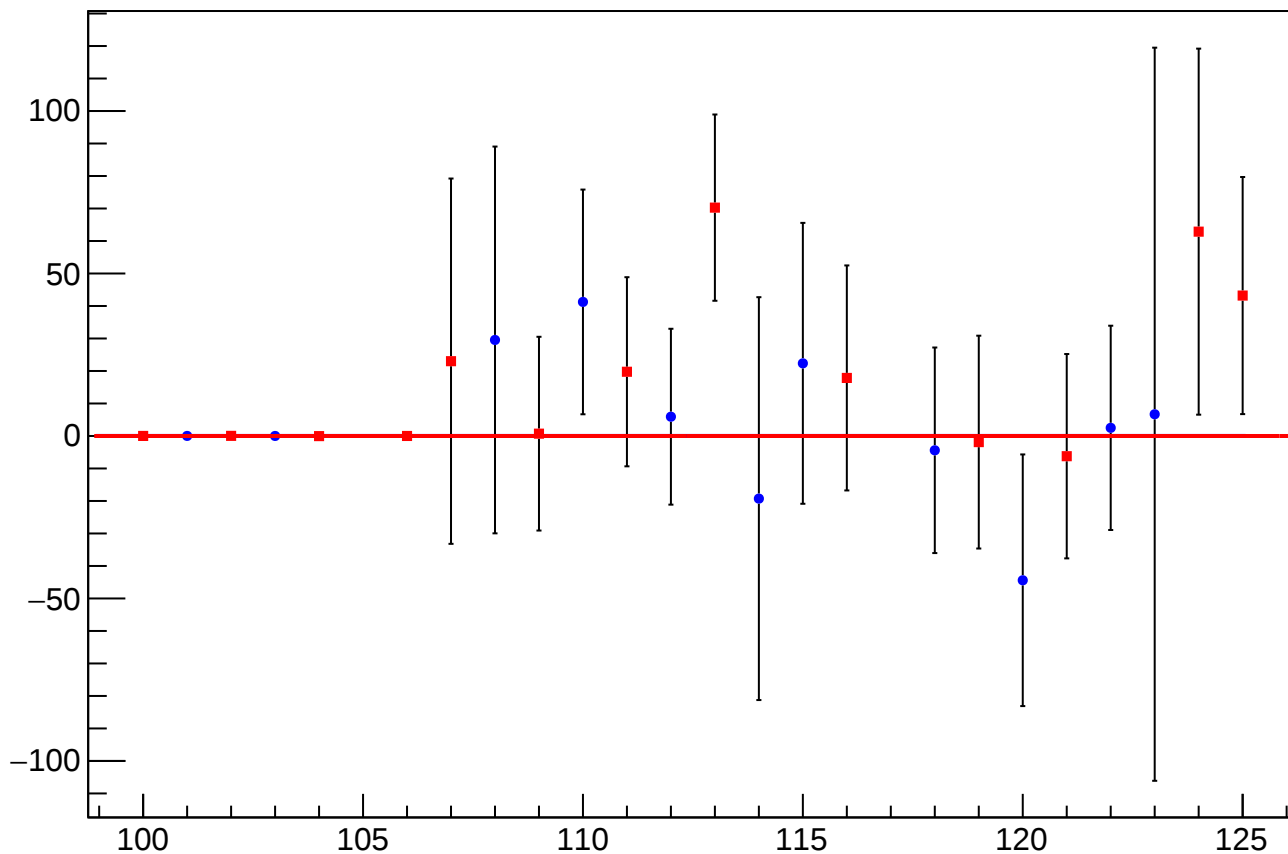
Right: 2411.793+/-0.904 χ^2/NDF : 9566616.5/23

In: 3024.189+/-1.645 χ^2/NDF :4363357.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2411.793+/-0.904 χ^2/NDF : 9566616.5/23

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.017 χ^2/NDF : 3.6/10

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

Right Out: -0.003+/-0.016 χ^2/NDF : 14.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

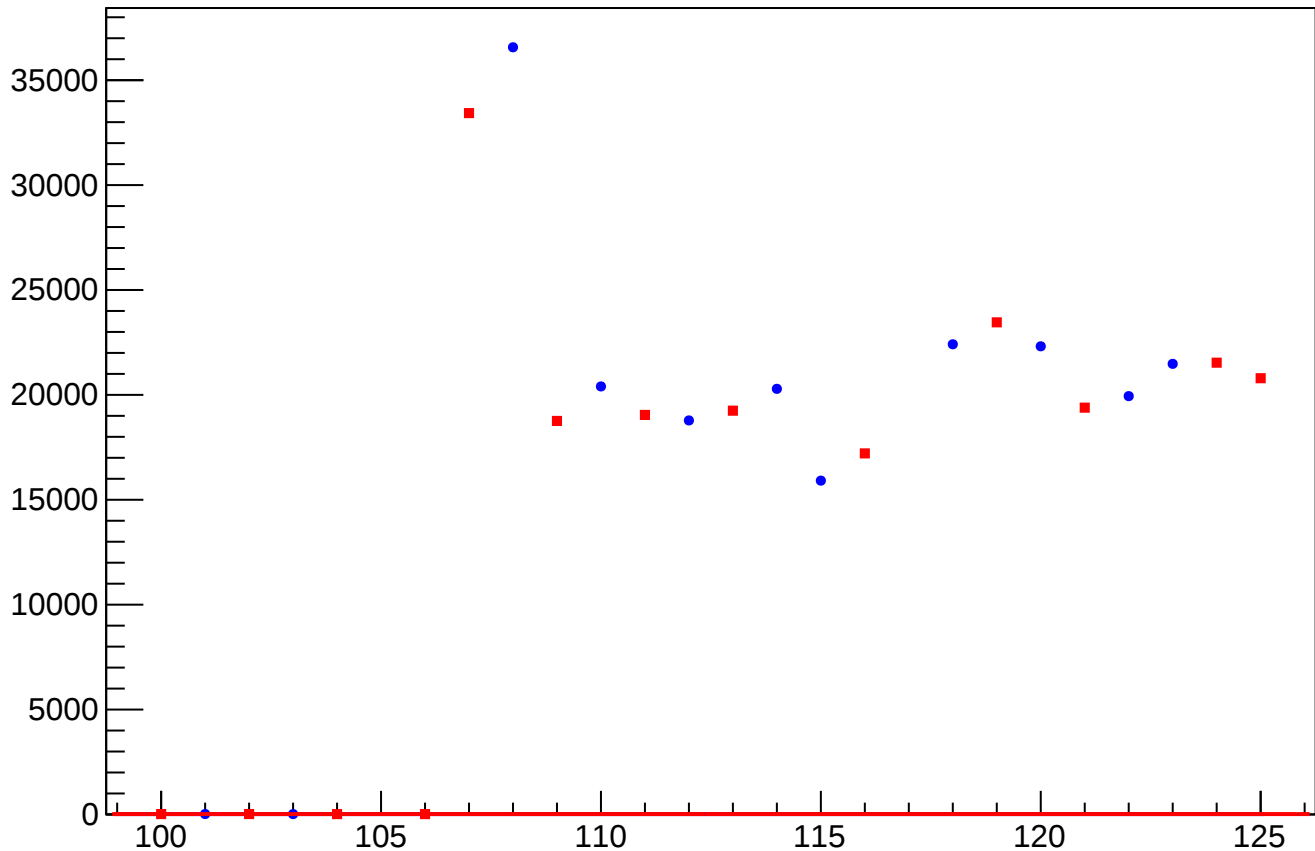
Right: 0.004+/-0.012 χ^2/NDF : 18.5/23

In: 0.013+/-0.017 χ^2/NDF : 3.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.012 χ^2/NDF : 18.5/23

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 18.598+/-0.012 χ^2/NDF : 5449195.7/10

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

Right Out: 18.282+/-0.011 χ^2/NDF : 6482588.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

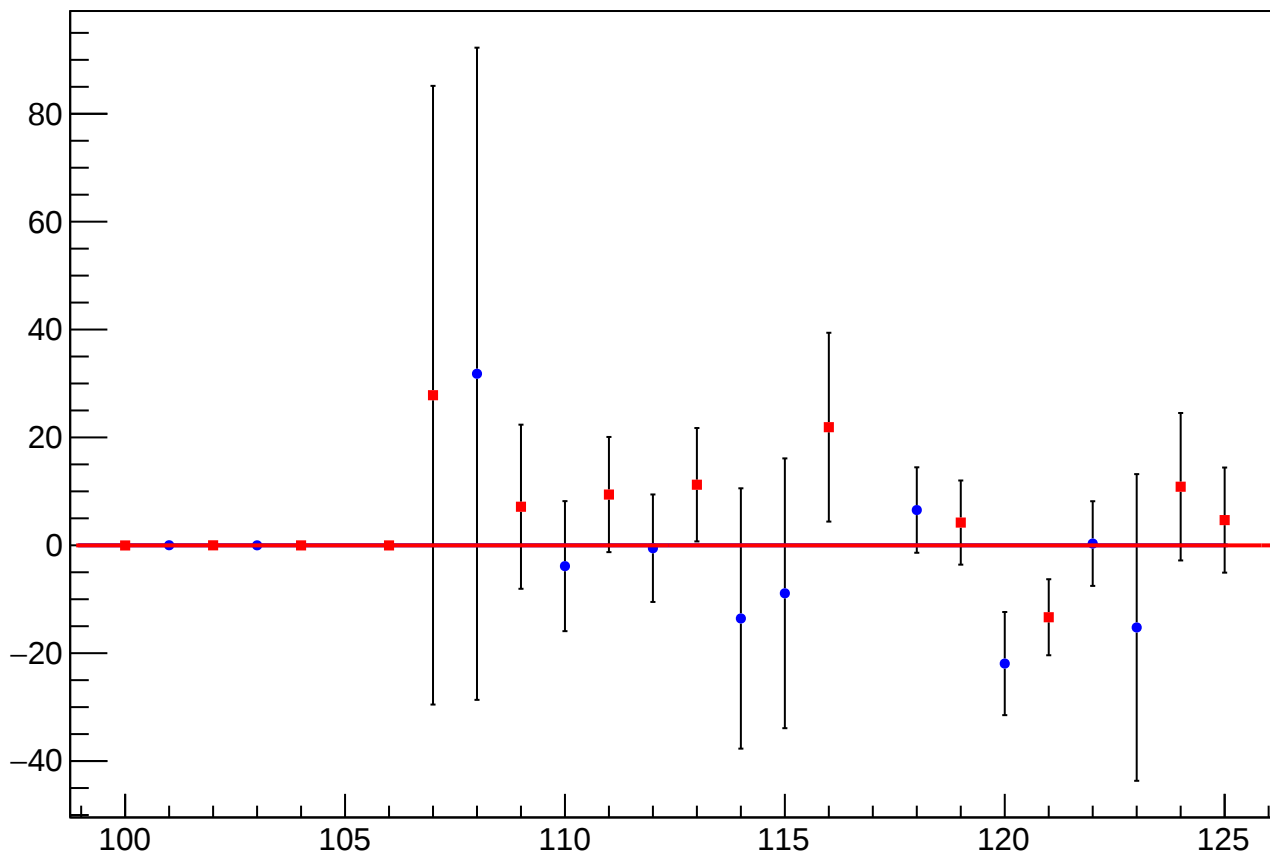
Right: 18.428+/-0.008 χ^2/NDF : 11932141.4/23

In: 18.598+/-0.012 χ^2/NDF : 5449195.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.428+/-0.008 χ^2/NDF : 11932141.4/23

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.009 χ^2/NDF : 8.1/10

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

Right Out: -0.014+/-0.009 χ^2/NDF : 9.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

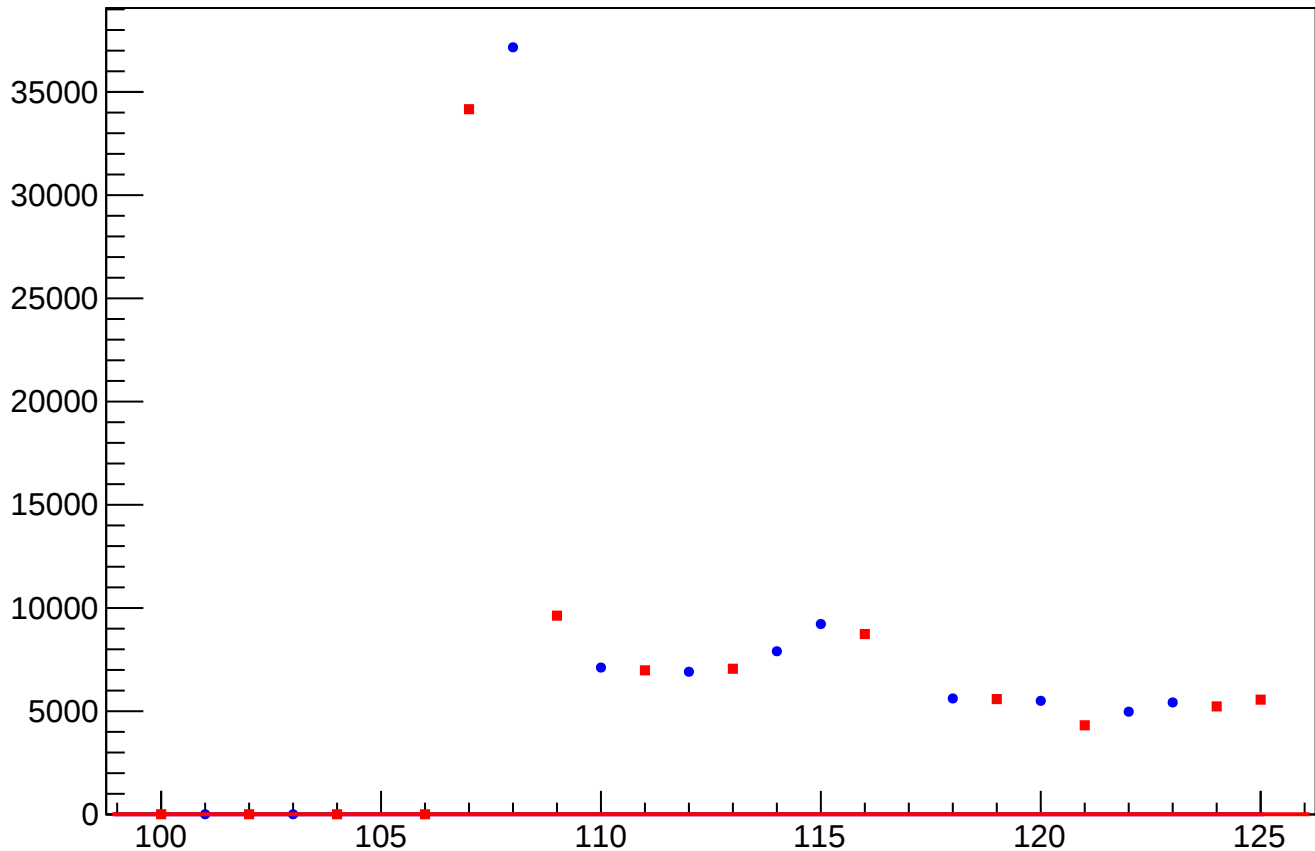
Right: -0.007+/-0.006 χ^2/NDF : 18.9/23

In: 0.001+/-0.009 χ^2/NDF : 8.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.006 χ^2/NDF : 18.9/23

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 9.888+/-0.007 χ^2/NDF : 5444042.6/10

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

Right Out: 9.816+/-0.006 χ^2/NDF : 6484437.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

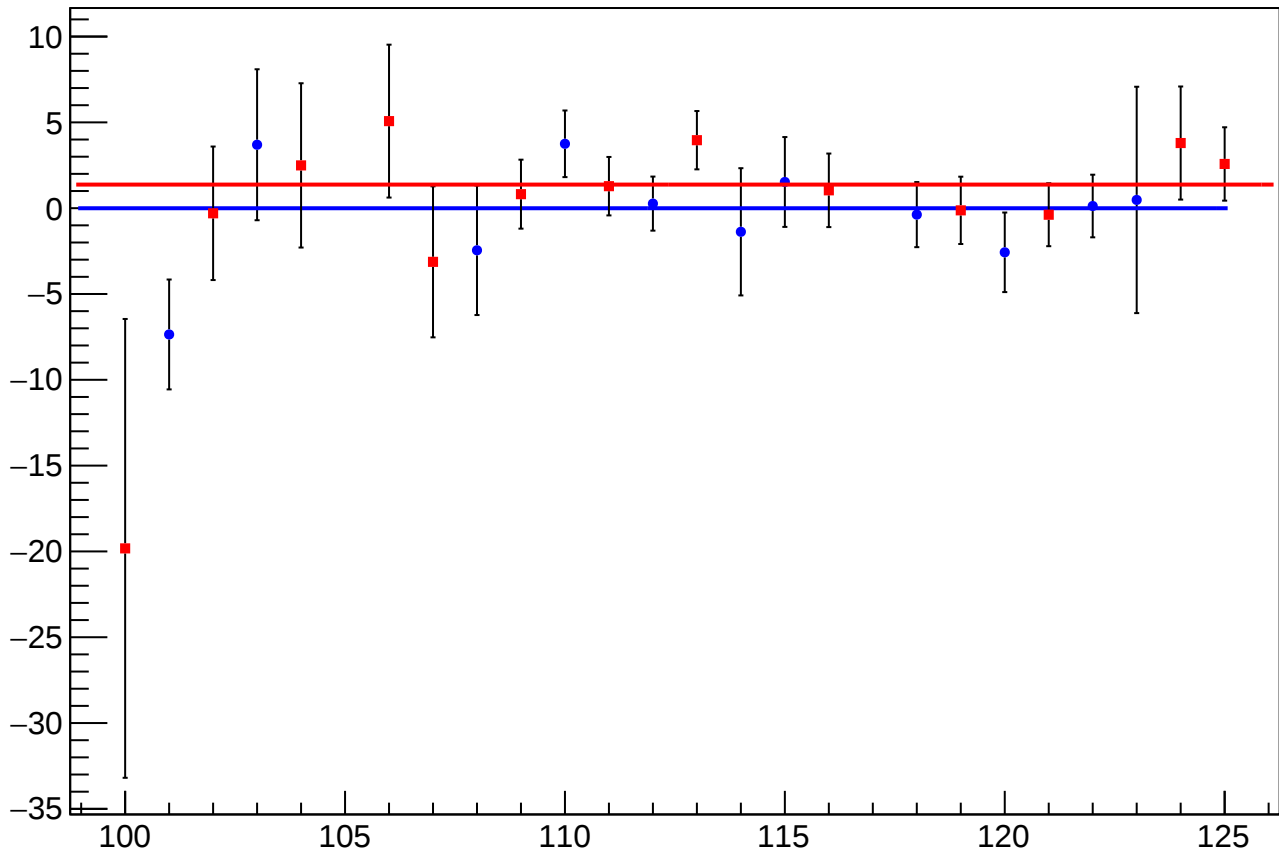
Right: 9.850+/-0.004 χ^2/NDF : 11928546.6/23

In: 9.888+/-0.007 χ^2/NDF : 5444042.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.850+/-0.004 χ^2/NDF : 11928546.6/23

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.004 ± 0.727 $\chi^2/\text{NDF}: 11.9/10$

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

Right Out: 1.375 ± 0.668 $\chi^2/\text{NDF}: 9.3/12$

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

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

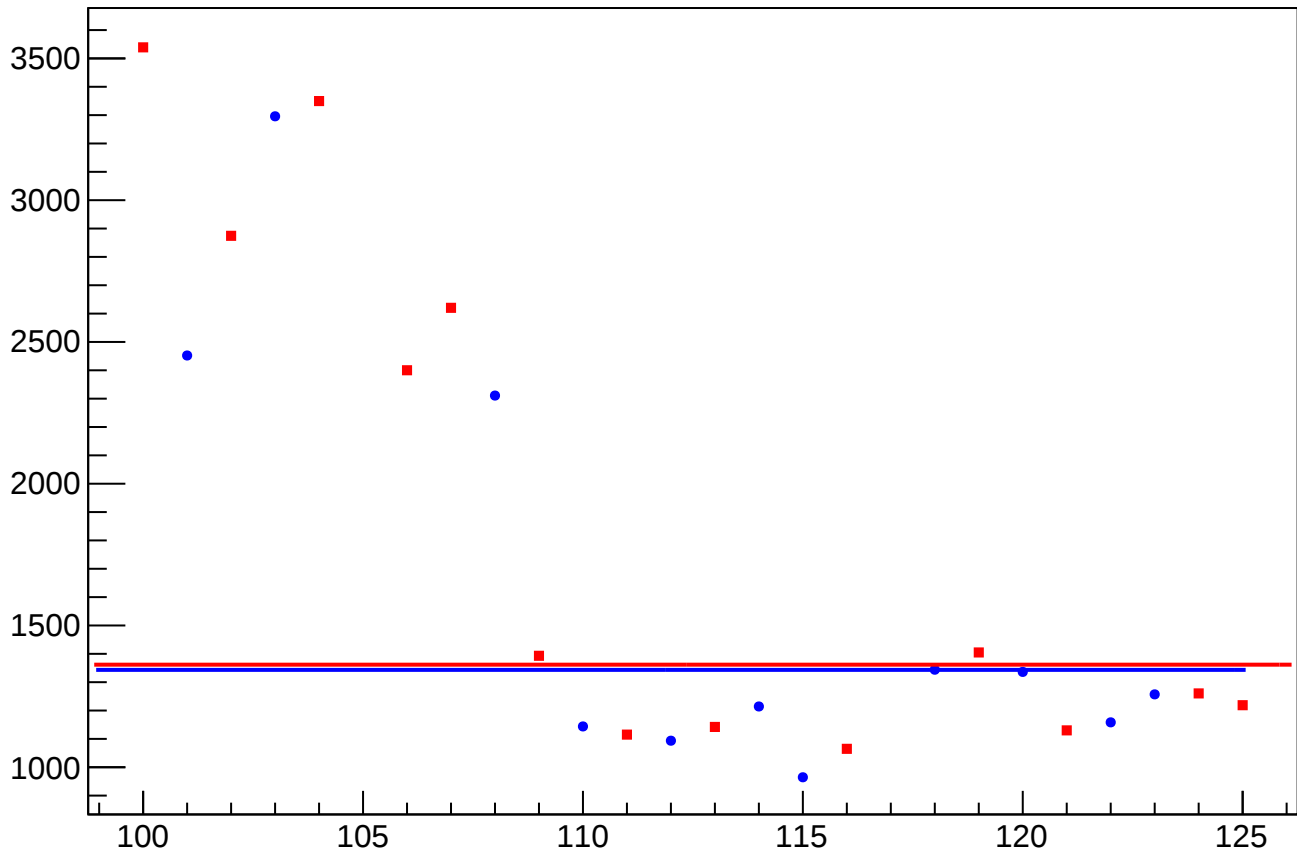
Right: 0.744 ± 0.492 $\chi^2/\text{NDF}: 23.2/23$

In: -0.004 ± 0.727 $\chi^2/\text{NDF}: 11.9/10$

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

All: 0.744 ± 0.492 $\chi^2/\text{NDF}: 23.2/23$

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 1343.413+/-0.514 χ^2/NDF : 902142.5/10

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

Right Out: 1361.758+/-0.472 χ^2/NDF : 1130825.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

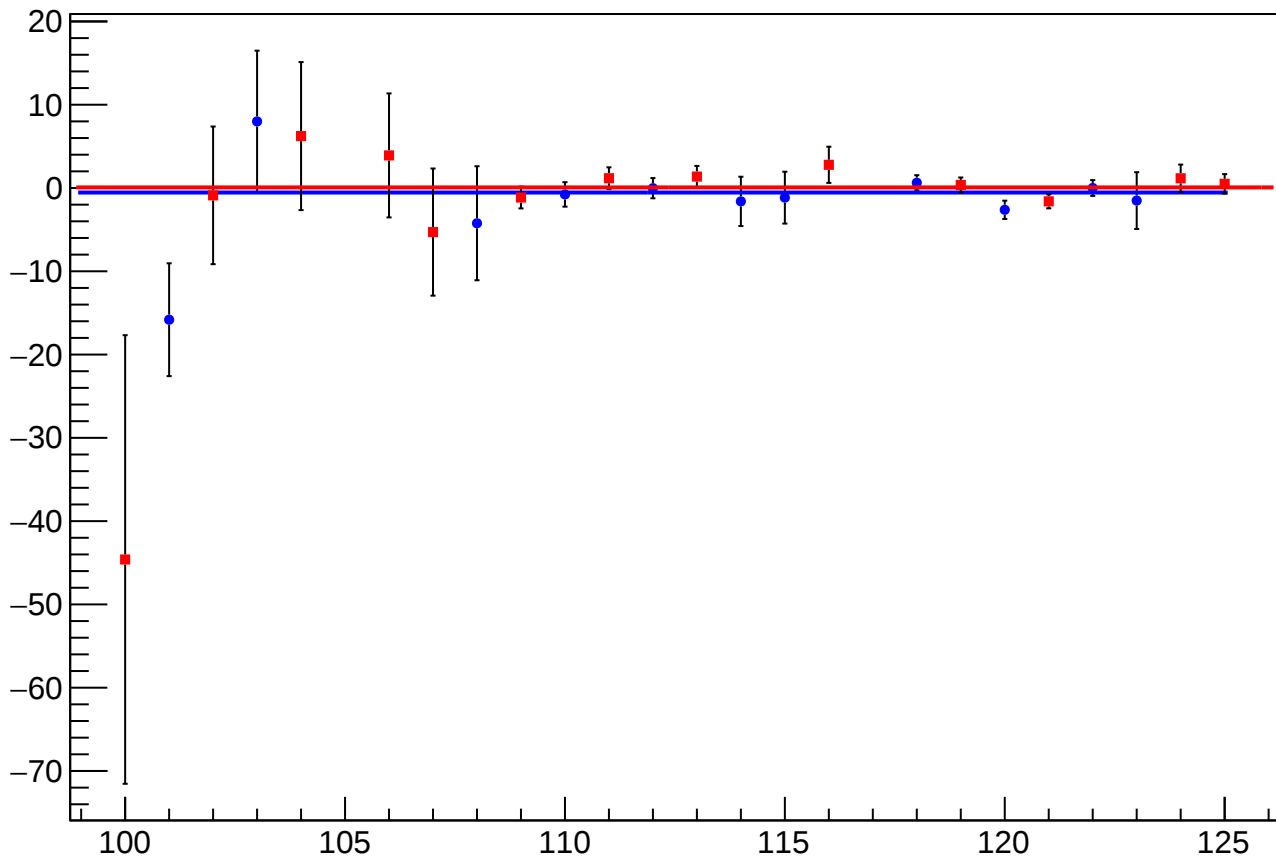
Right: 1353.357+/-0.348 χ^2/NDF : 2033658.9/23

In: 1343.413+/-0.514 χ^2/NDF : 902142.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1353.357+/-0.348 χ^2/NDF : 2033658.9/23

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.543+/-0.463 χ^2/NDF : 12.4/10

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

Right Out: 0.073+/-0.414 χ^2/NDF : 12.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

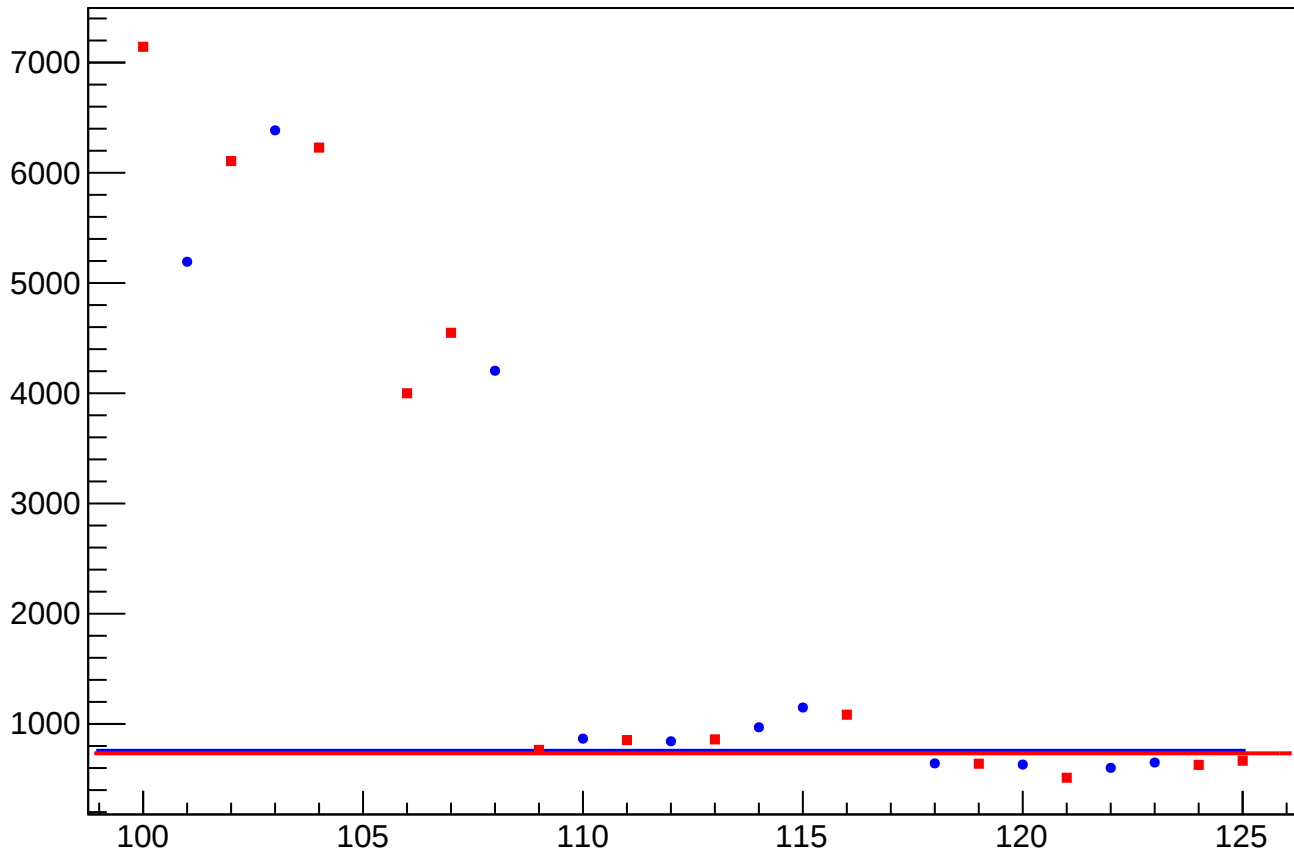
Right: -0.201+/-0.309 χ^2/NDF : 26.3/23

In: -0.543+/-0.463 χ^2/NDF : 12.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.201+/-0.309 χ^2/NDF : 26.3/23

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 756.223+/-0.327 χ^2/NDF : 2419644.6/10

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

Right Out: 733.580+/-0.293 χ^2/NDF : 2874381.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

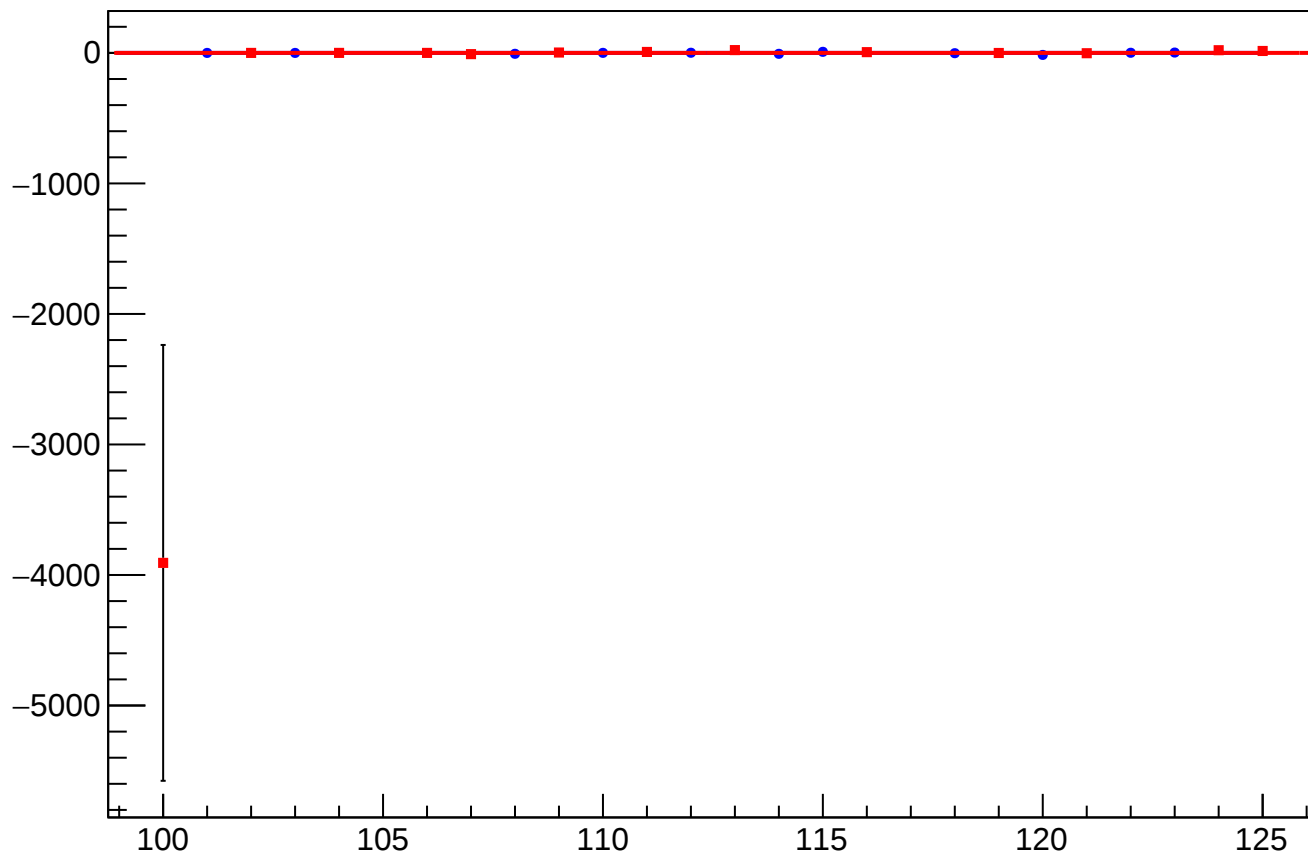
Right: 743.633+/-0.218 χ^2/NDF : 5296685.0/23

In: 756.223+/-0.327 χ^2/NDF :2419644.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 743.633+/-0.218 χ^2/NDF : 5296685.0/23

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.021 χ^2/NDF : 2.8/10

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

Right Out: 0.027+/-0.020 χ^2/NDF : 16.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

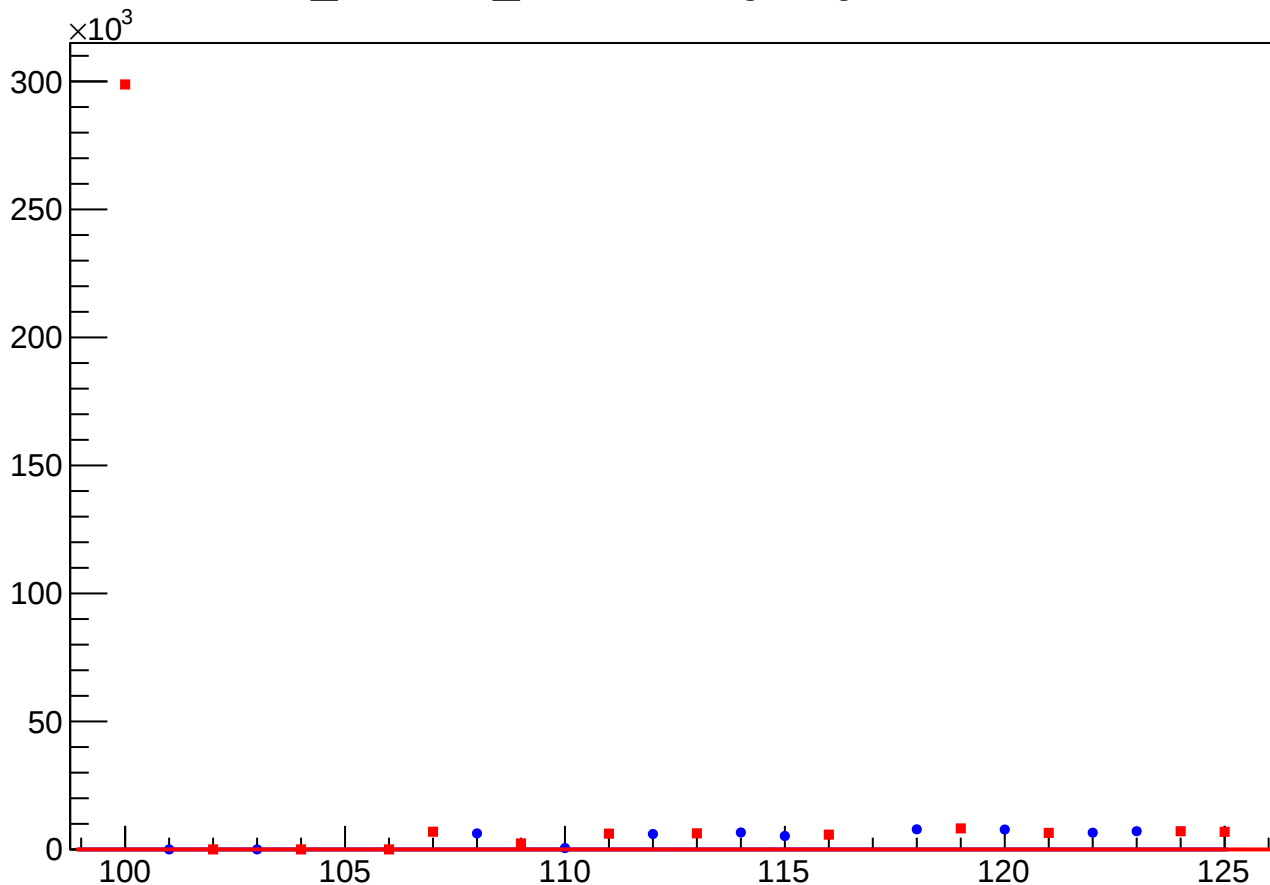
Right: 0.004+/-0.014 χ^2/NDF : 21.8/23

In: -0.021+/-0.021 χ^2/NDF : 2.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.014 χ^2/NDF : 21.8/23

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 17.154 $\pm$ 0.015 χ^2/NDF : 4972253.1/10

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

Right Out: 17.137 $\pm$ 0.014 χ^2/NDF : 6204041.0/12

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

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

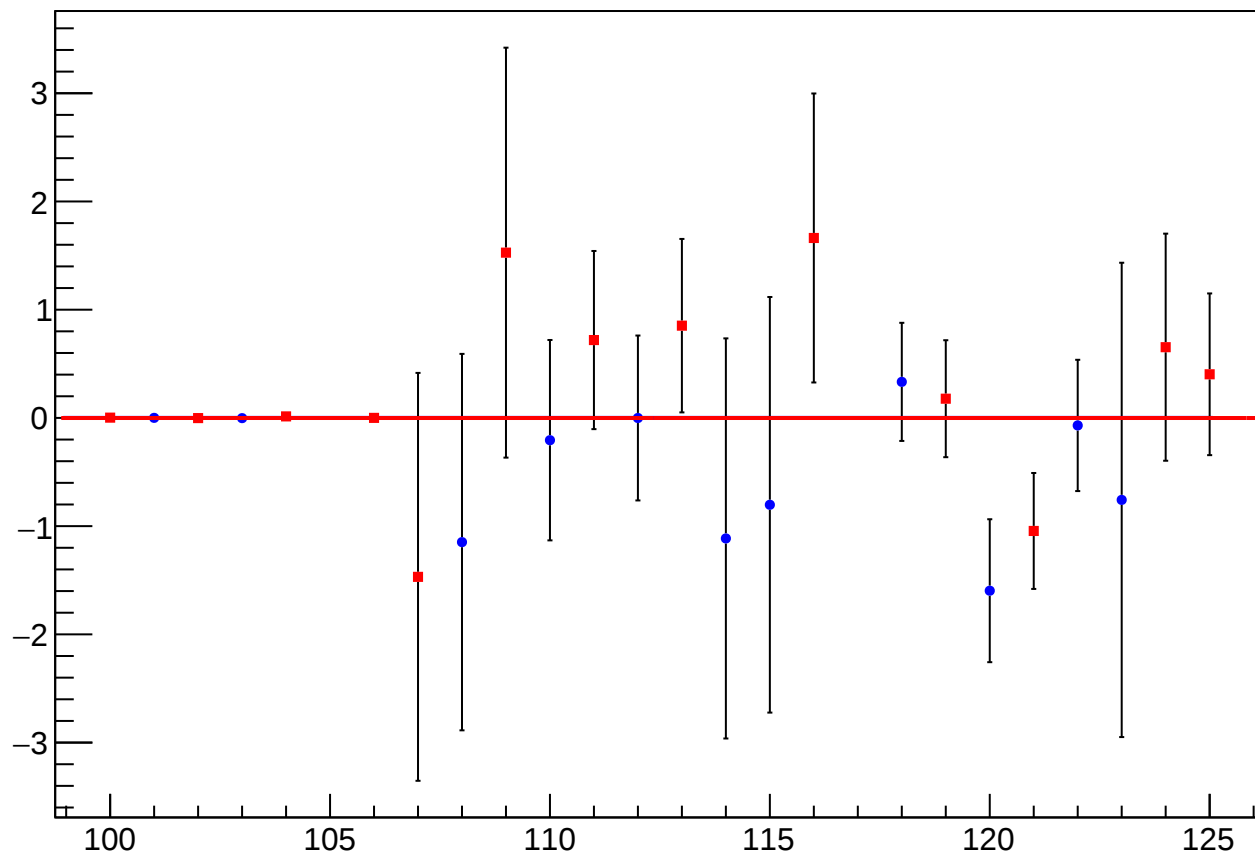
Right: 17.145 $\pm$ 0.010 χ^2/NDF : 11176294.8/23

In: 17.154 $\pm$ 0.015 χ^2/NDF : 4972253.1/10

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

All: 17.145 $\pm$ 0.010 χ^2/NDF : 11176294.8/23

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.002 χ^2/NDF : 7.6/10

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

Right Out: -0.001+/-0.002 χ^2/NDF : 10.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

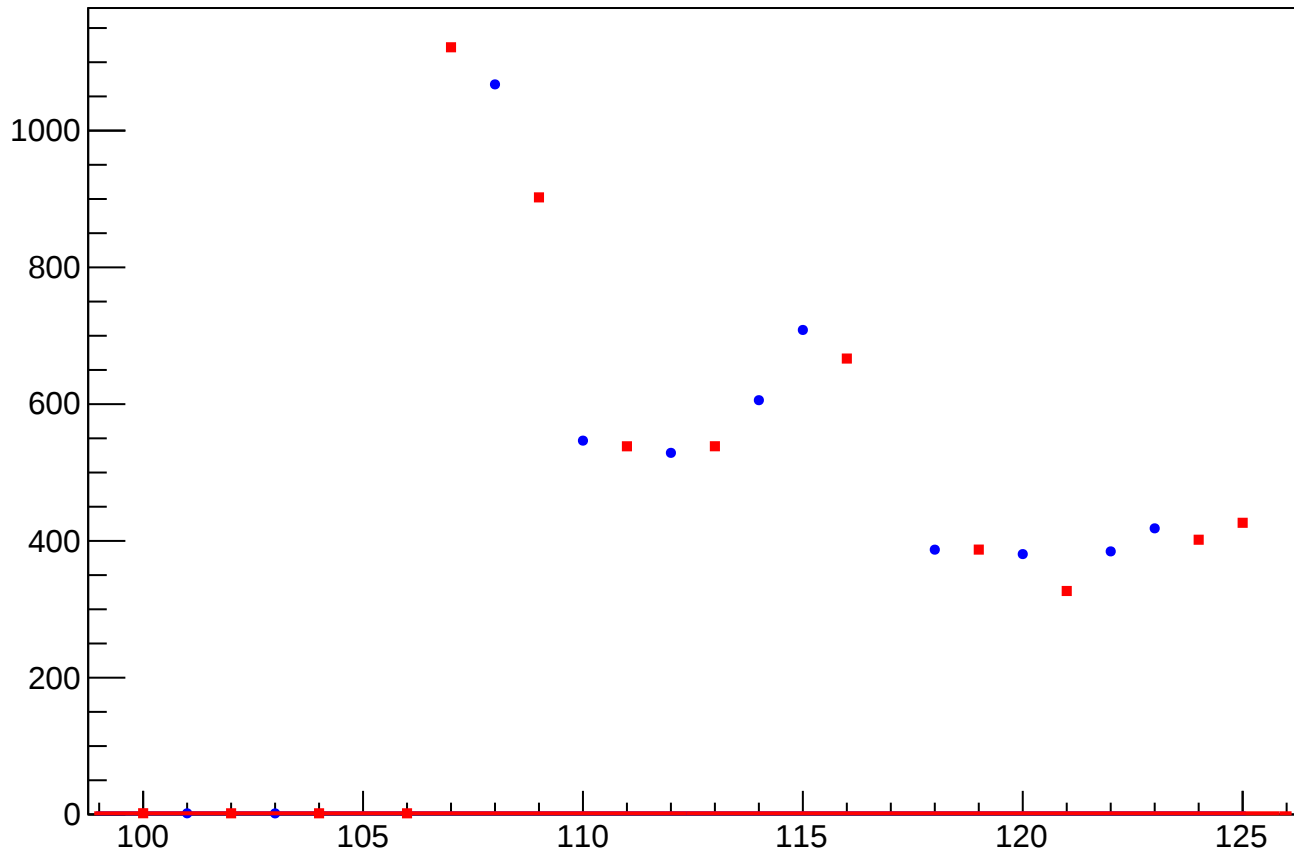
Right: -0.000+/-0.001 χ^2/NDF : 18.0/23

In: 0.000+/-0.002 χ^2/NDF : 7.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.001 χ^2/NDF : 18.0/23

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 1.668 $\pm$ 0.001 χ^2 /NDF: 5414500.2/10

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

Right Out: 1.703 $\pm$ 0.001 χ^2 /NDF: 6095005.9/12

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

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

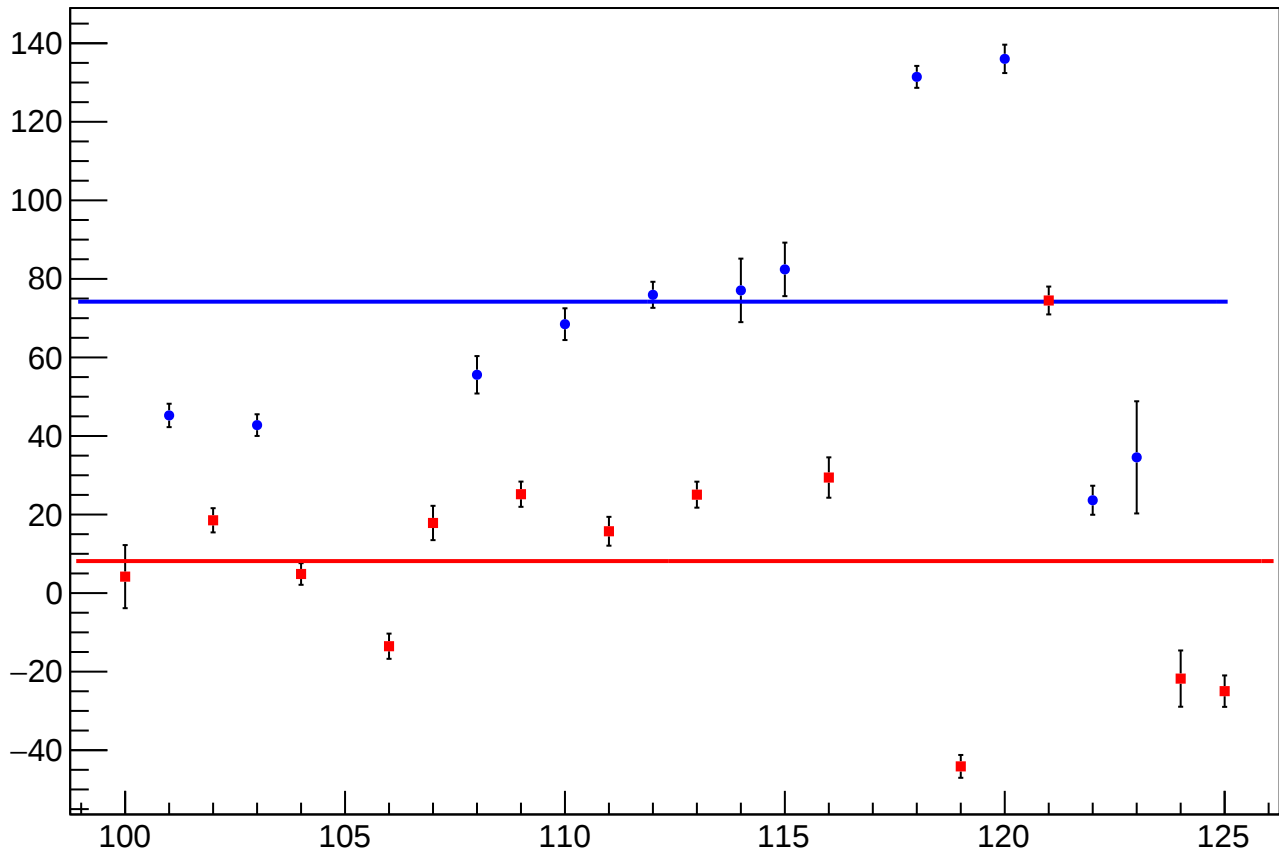
Right: 1.686 $\pm$ 0.001 χ^2 /NDF: 11509822.5/23

In: 1.668 $\pm$ 0.001 χ^2 /NDF:5414500.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.686 $\pm$ 0.001 χ^2 /NDF: 11509822.5/23

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 74.202 $\pm$ 1.147 χ^2 /NDF: 1151.6/10

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

Right Out: 8.150 $\pm$ 1.009 χ^2 /NDF: 898.5/12

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

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

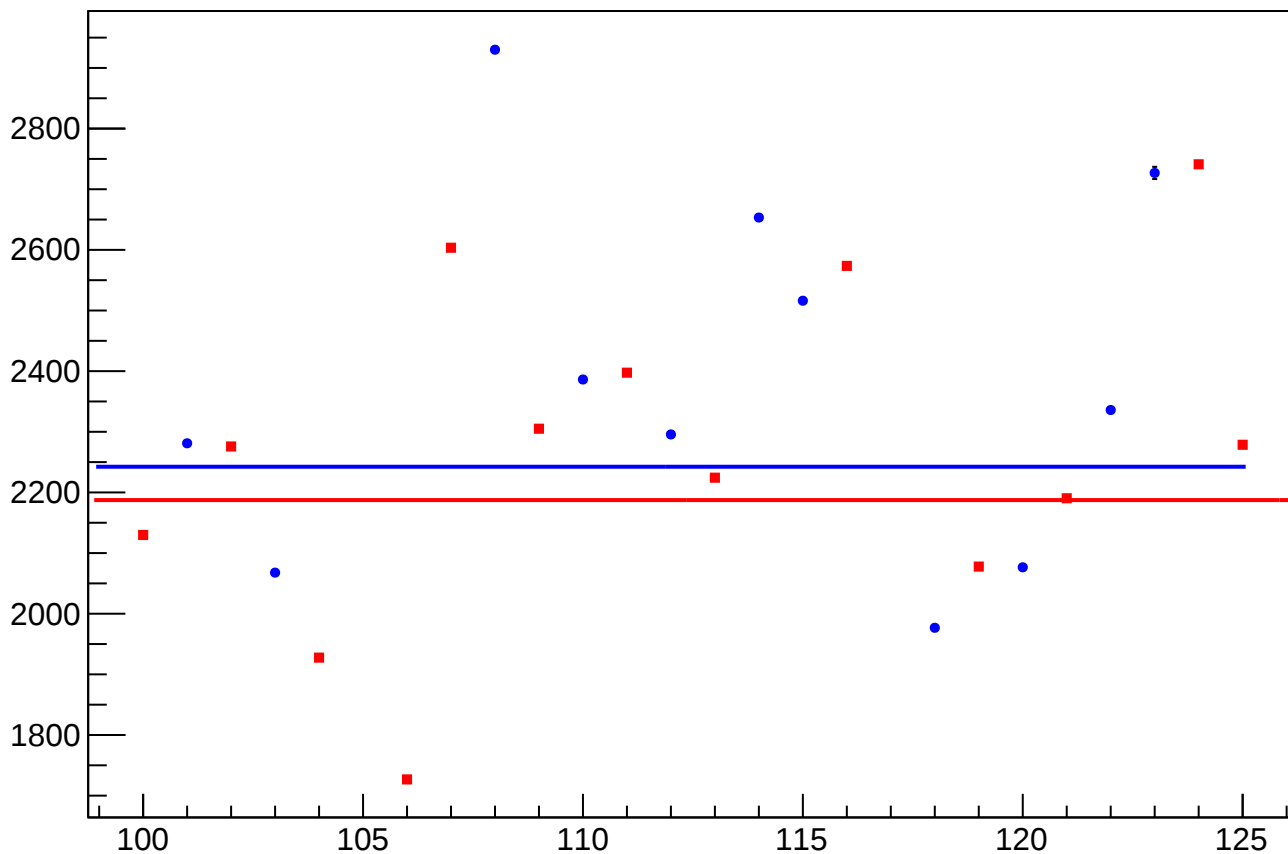
Right: 36.972 $\pm$ 0.758 χ^2 /NDF: 3919.5/23

In: 74.202 $\pm$ 1.147 χ^2 /NDF:1151.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 36.972 $\pm$ 0.758 χ^2 /NDF: 3919.5/23

diff_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 2242.374+/-0.811 χ^2/NDF : 87336.3/10

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

Right Out: 2187.381+/-0.714 χ^2/NDF : 115488.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

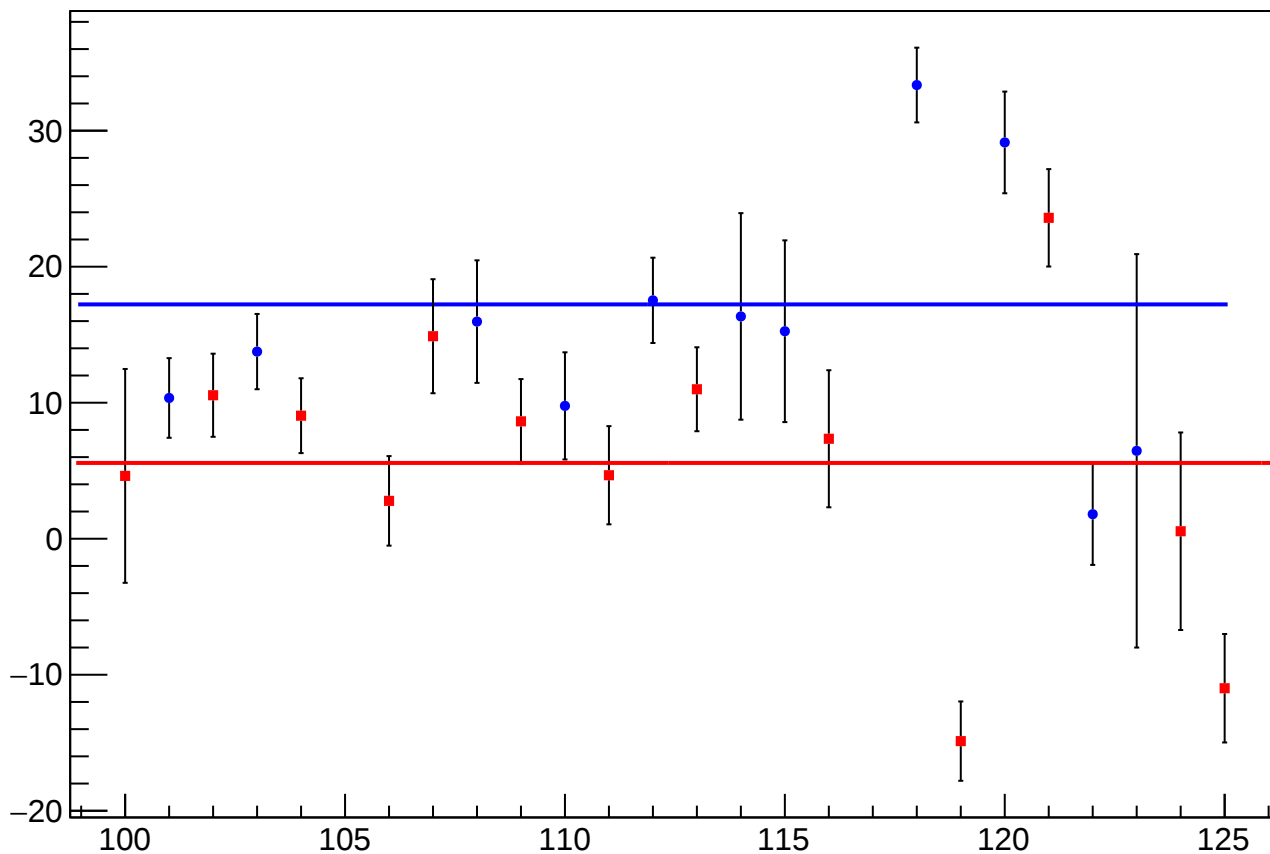
Right: 2211.377+/-0.536 χ^2/NDF : 205416.5/23

In: 2242.374+/-0.811 χ^2/NDF : 87336.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2211.377+/-0.536 χ^2/NDF : 205416.5/23

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 17.228+/-1.130 χ^2/NDF : 73.1/10

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

Right Out: 5.573+/-0.997 χ^2/NDF : 106.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

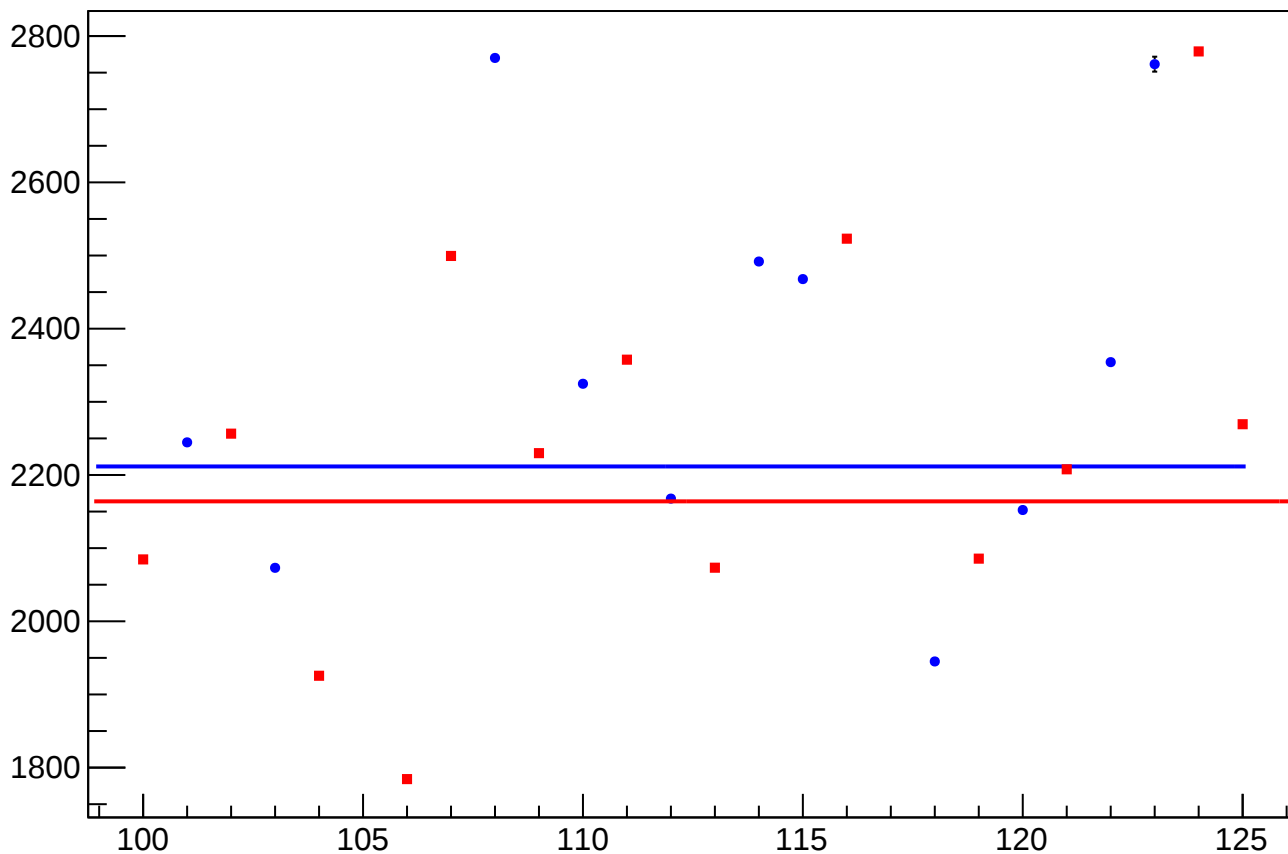
Right: 10.672+/-0.747 χ^2/NDF : 239.4/23

In: 17.228+/-1.130 χ^2/NDF : 73.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.672+/-0.747 χ^2/NDF : 239.4/23

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2211.666+/-0.799 χ^2/NDF : 68851.6/10

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

Right Out: 2163.954+/-0.705 χ^2/NDF : 92502.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

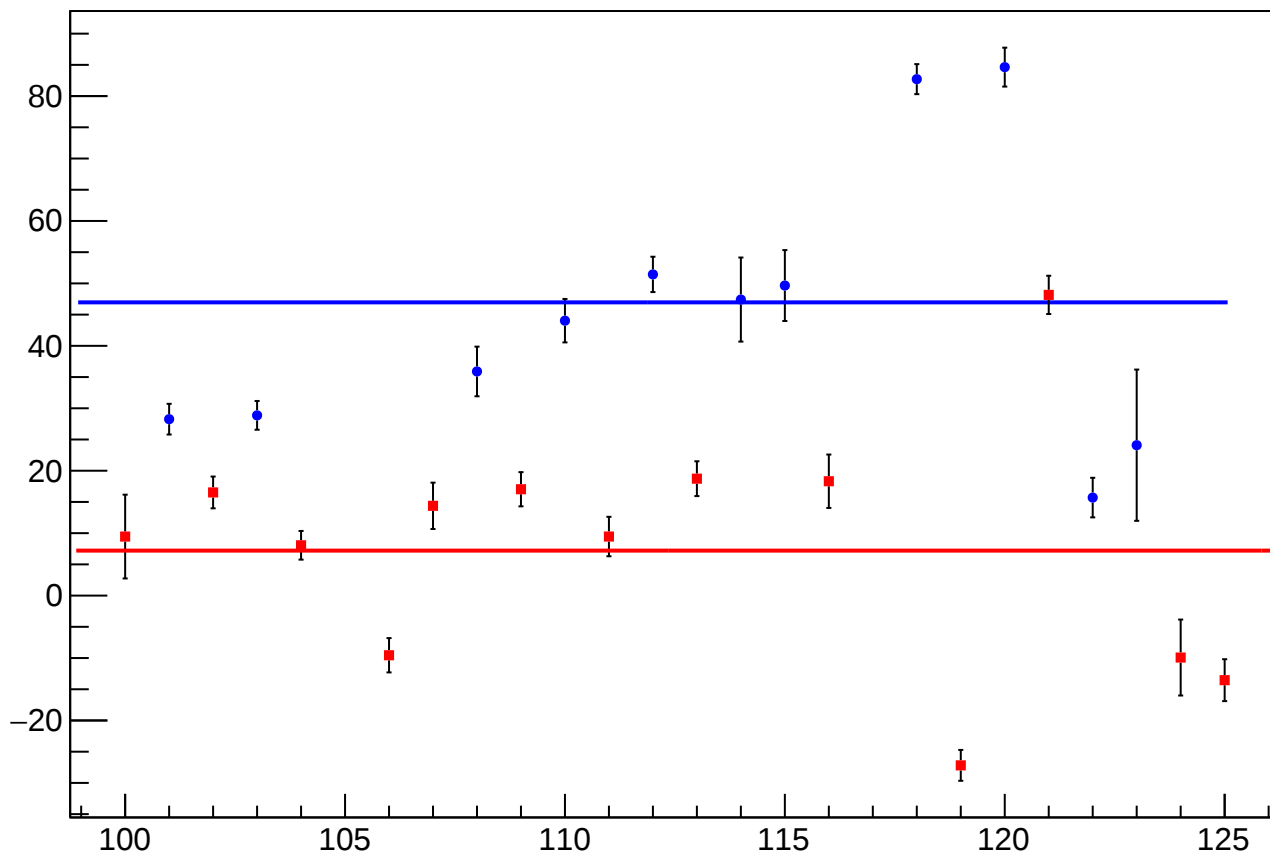
Right: 2184.829+/-0.529 χ^2/NDF : 163360.0/23

In: 2211.666+/-0.799 χ^2/NDF : 68851.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2184.829+/-0.529 χ^2/NDF : 163360.0/23

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 46.962 $\pm$ 0.971 χ^2 /NDF: 599.1/10

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

Right Out: 7.205 $\pm$ 0.853 χ^2 /NDF: 510.1/12

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

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

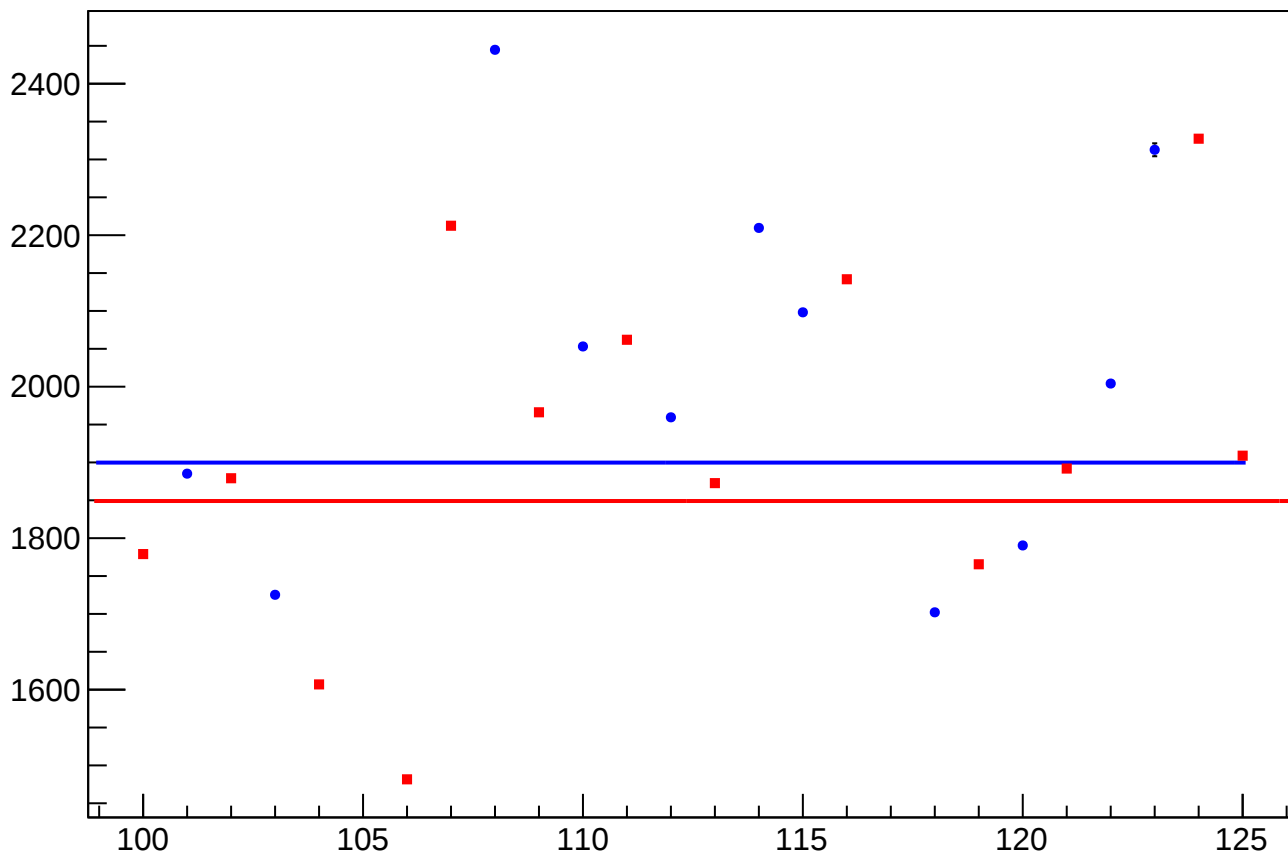
Right: 24.520 $\pm$ 0.641 χ^2 /NDF: 2055.3/23

In: 46.962 $\pm$ 0.971 χ^2 /NDF:599.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 24.520 $\pm$ 0.641 χ^2 /NDF: 2055.3/23

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1899.778+/-0.687 χ^2/NDF : 81078.0/10

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

Right Out: 1849.061+/-0.603 χ^2/NDF : 115609.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

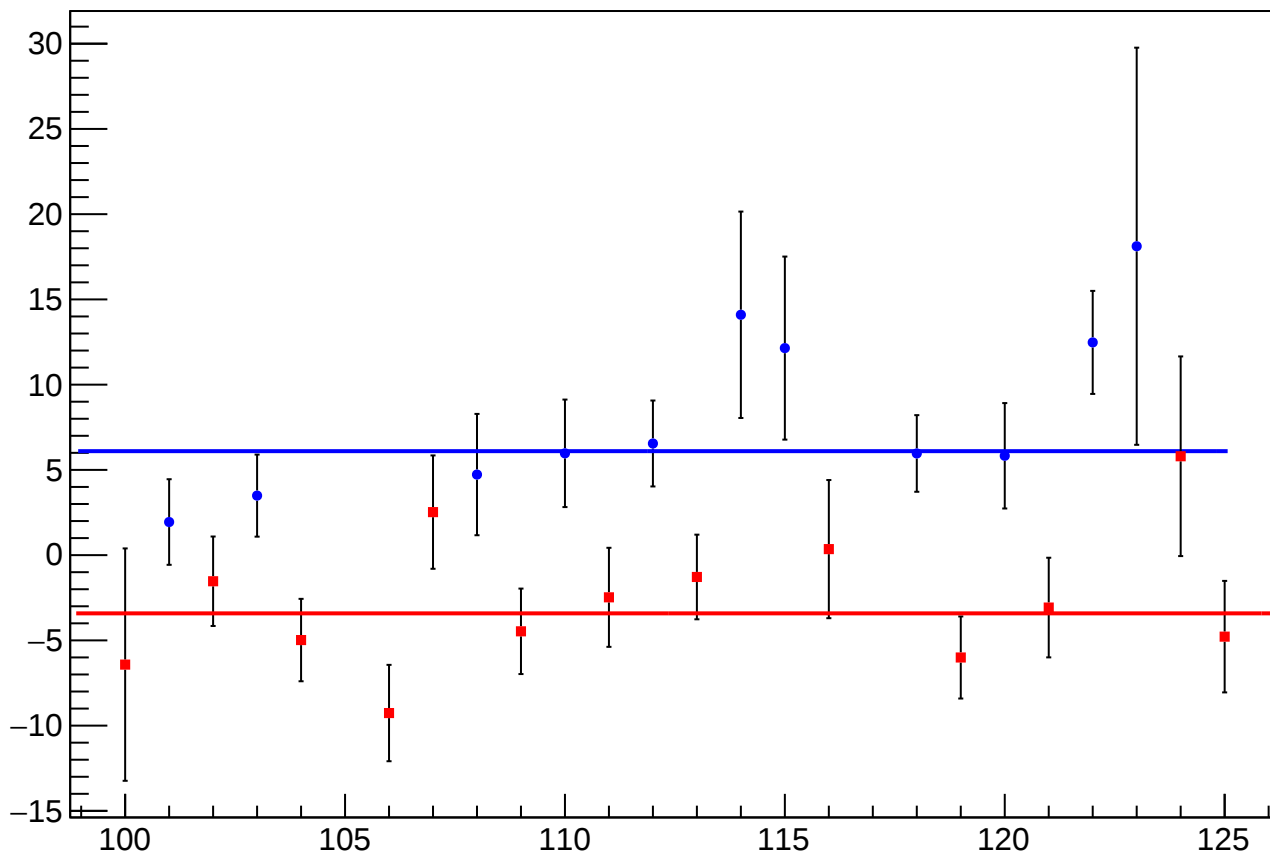
Right: 1871.150+/-0.453 χ^2/NDF : 199766.3/23

In: 1899.778+/-0.687 χ^2/NDF : 81078.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1871.150+/-0.453 χ^2/NDF : 199766.3/23

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 6.099+/-0.933 χ^2/NDF : 12.6/10

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

Right Out: -3.415+/-0.826 χ^2/NDF : 14.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

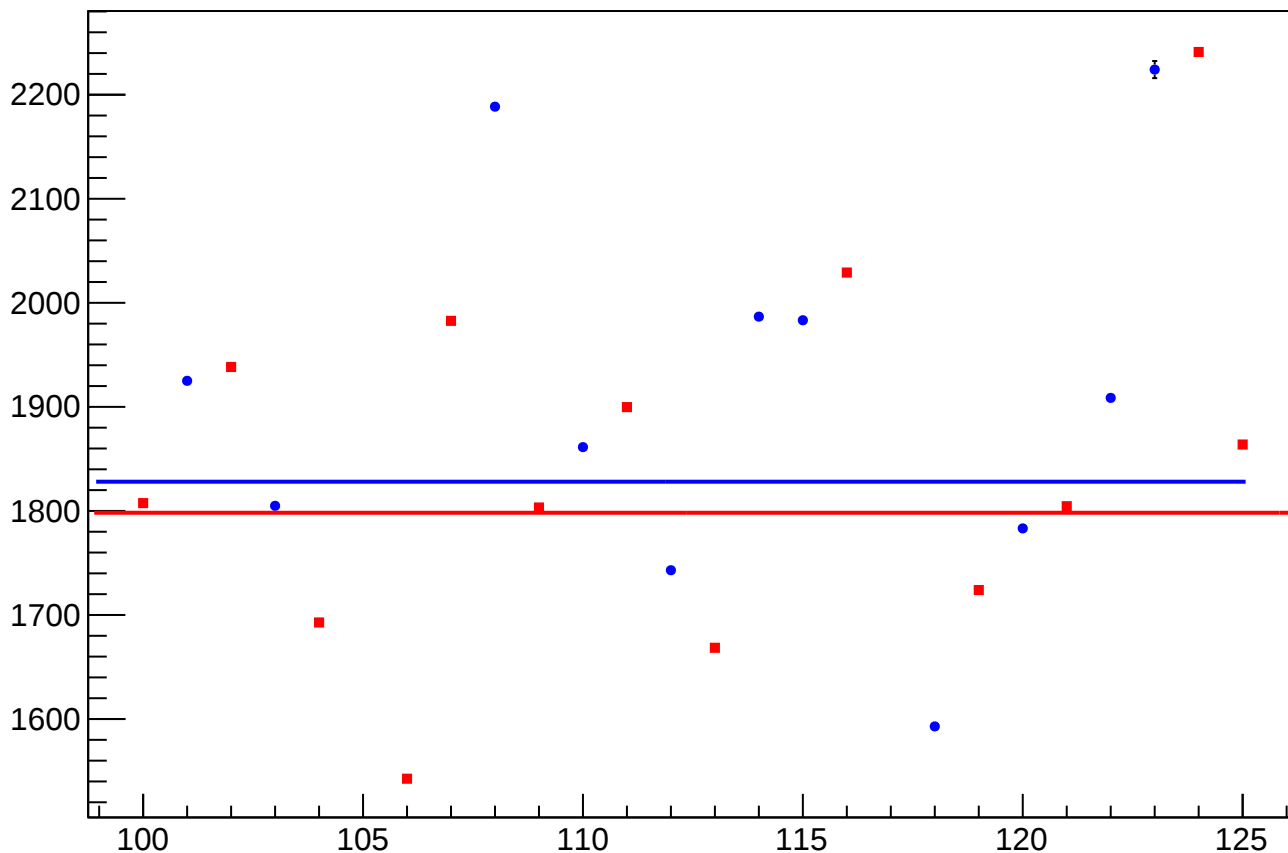
Right: 0.766+/-0.618 χ^2/NDF : 85.3/23

In: 6.099+/-0.933 χ^2/NDF : 12.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.766+/-0.618 χ^2/NDF : 85.3/23

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1828.085+/-0.659 χ^2/NDF : 55294.6/10

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

Right Out: 1798.239+/-0.584 χ^2/NDF : 60590.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

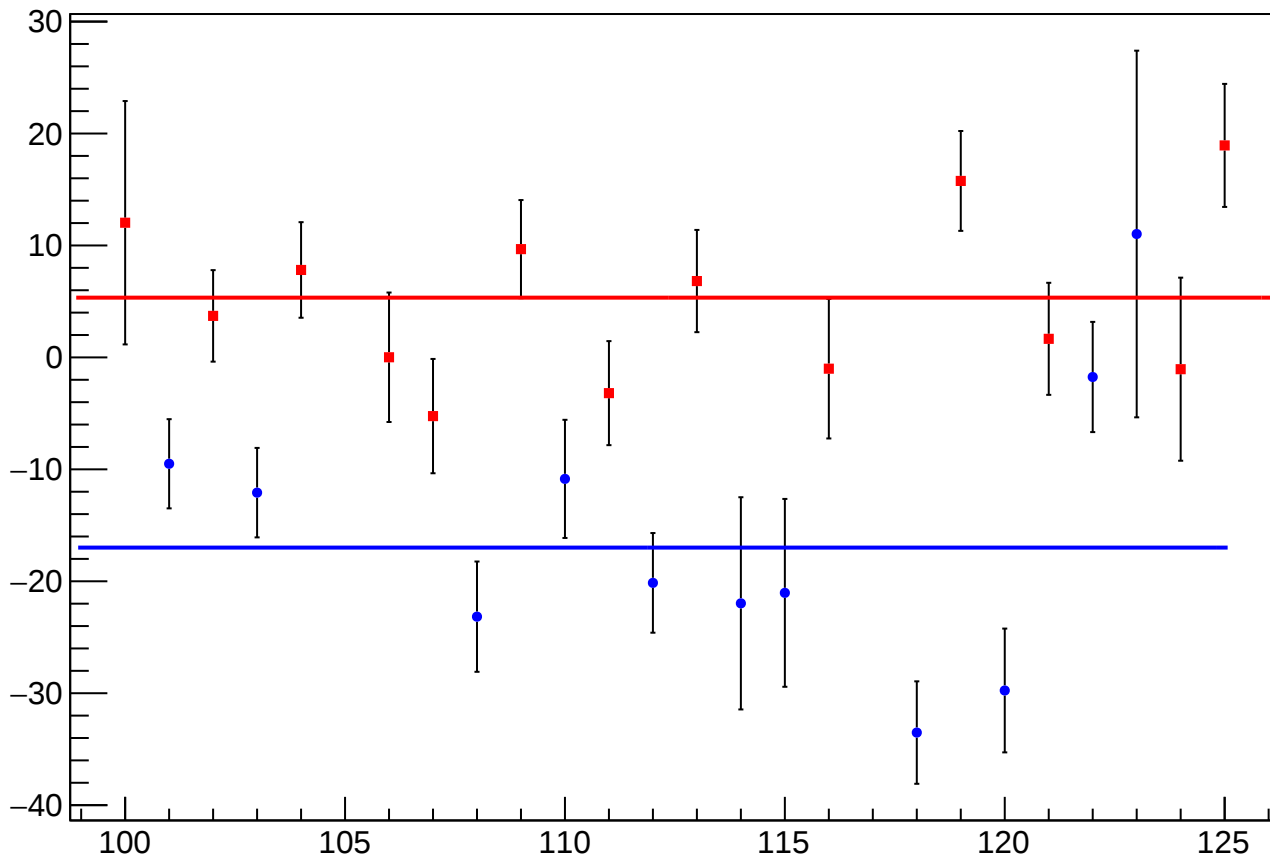
Right: 1811.354+/-0.437 χ^2/NDF : 117033.7/23

In: 1828.085+/-0.659 χ^2/NDF : 55294.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1811.354+/-0.437 χ^2/NDF : 117033.7/23

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -16.990 $\pm$ 1.573 χ^2 /NDF: 39.8/10

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

Right Out: 5.338 $\pm$ 1.412 χ^2 /NDF: 24.2/12

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

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

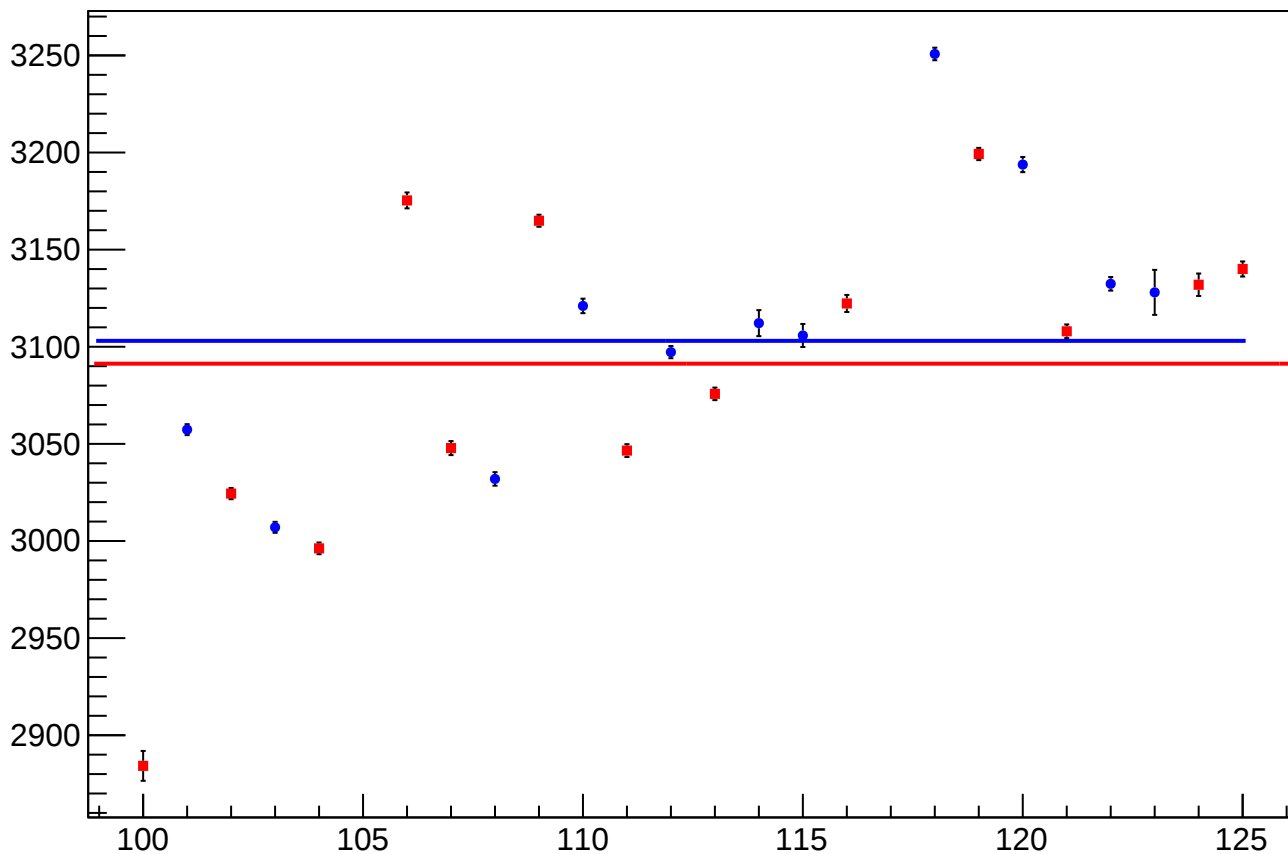
Right: -4.621 $\pm$ 1.051 χ^2 /NDF: 175.7/23

In: -16.990 $\pm$ 1.573 χ^2 /NDF:39.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.621 $\pm$ 1.051 χ^2 /NDF: 175.7/23

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3103.038 $\pm$ 1.113 χ^2 /NDF: 4560.5/10

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

Right Out: 3091.292 $\pm$ 0.998 χ^2 /NDF: 5042.5/12

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

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

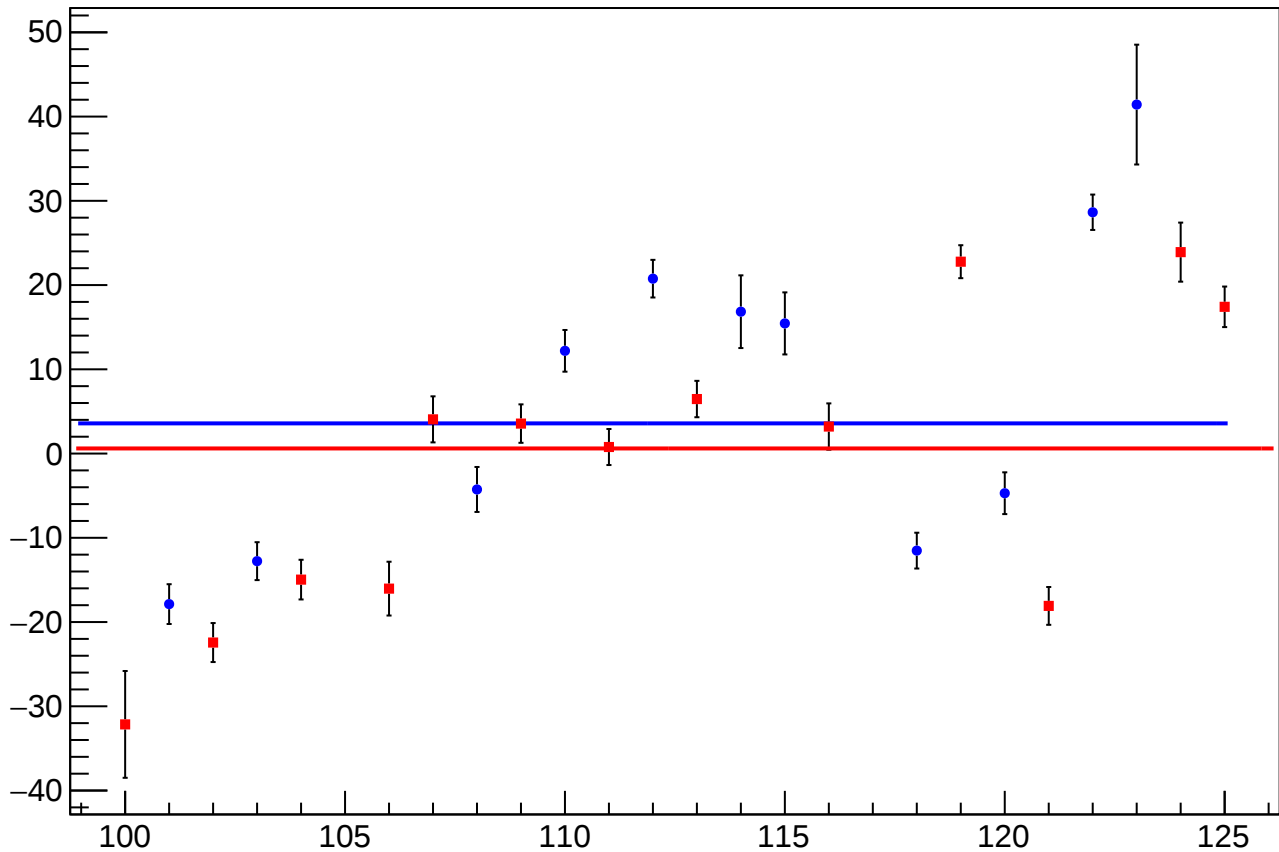
Right: 3096.531 $\pm$ 0.743 χ^2 /NDF: 9664.7/23

In: 3103.038 $\pm$ 1.113 χ^2 /NDF:4560.5/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3096.531 $\pm$ 0.743 χ^2 /NDF: 9664.7/23

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 3.582+/-0.781 χ^2/NDF : 467.5/10

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

Right Out: 0.605+/-0.691 χ^2/NDF : 499.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

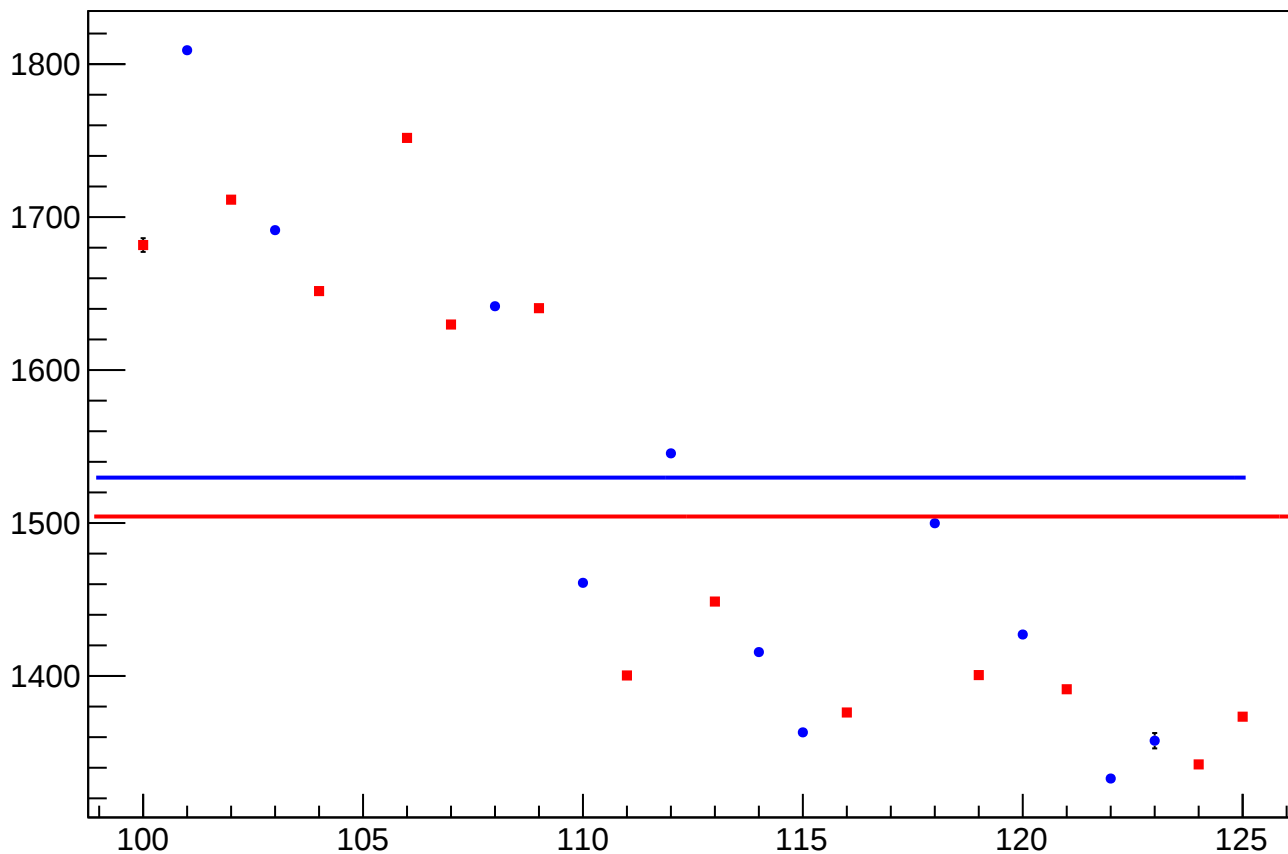
Right: 1.912+/-0.517 χ^2/NDF : 974.6/23

In: 3.582+/-0.781 χ^2/NDF :467.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.912+/-0.517 χ^2/NDF : 974.6/23

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1529.687+/-0.552 χ^2/NDF : 71534.9/10

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

Right Out: 1504.252+/-0.489 χ^2/NDF : 80042.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

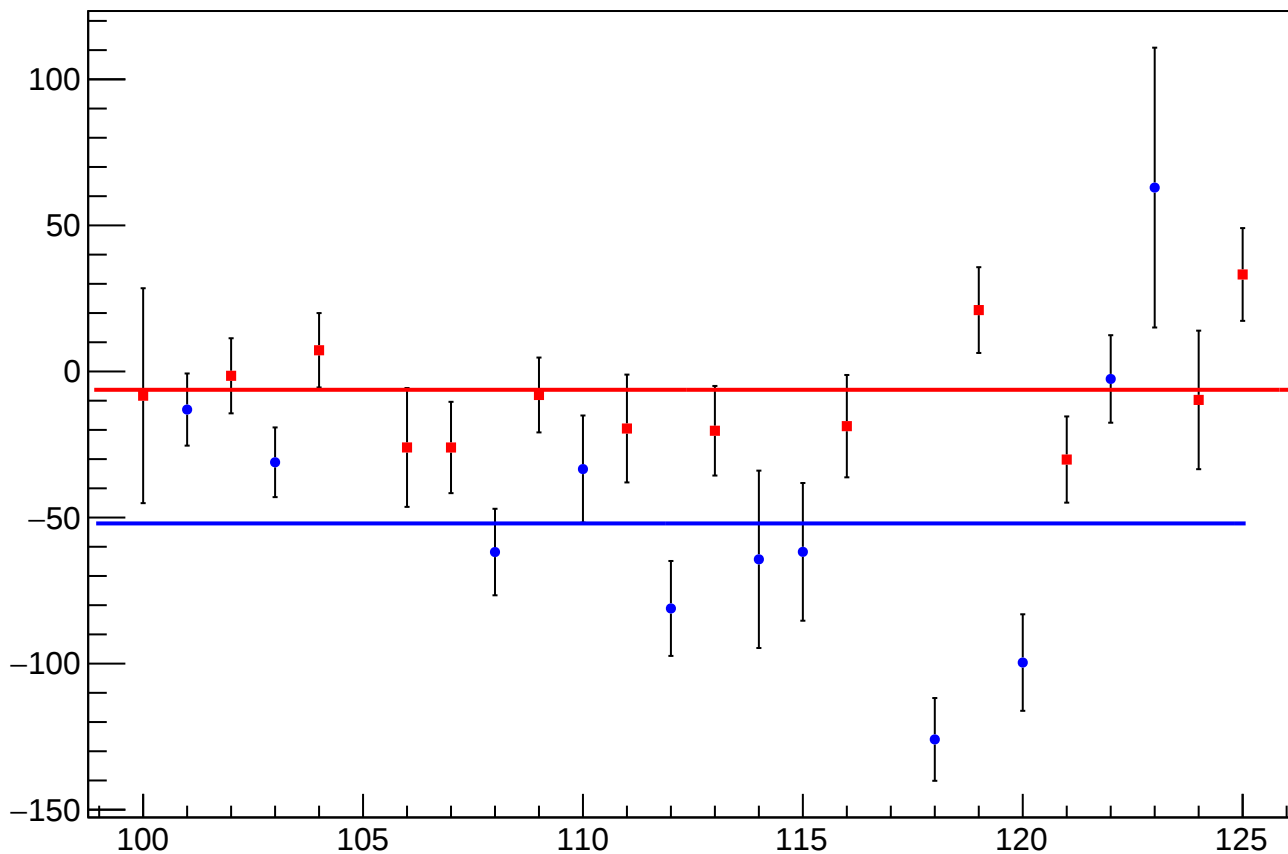
Right: 1515.416+/-0.366 χ^2/NDF : 152767.0/23

In: 1529.687+/-0.552 χ^2/NDF : 71534.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1515.416+/-0.366 χ^2/NDF : 152767.0/23

diff_bpm0l02X_mean vs Slug, Sign Corrected



Right In: -52.014+/-4.919 χ^2/NDF : 70.3/10

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

Right Out: -6.271+/-4.429 χ^2/NDF : 18.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

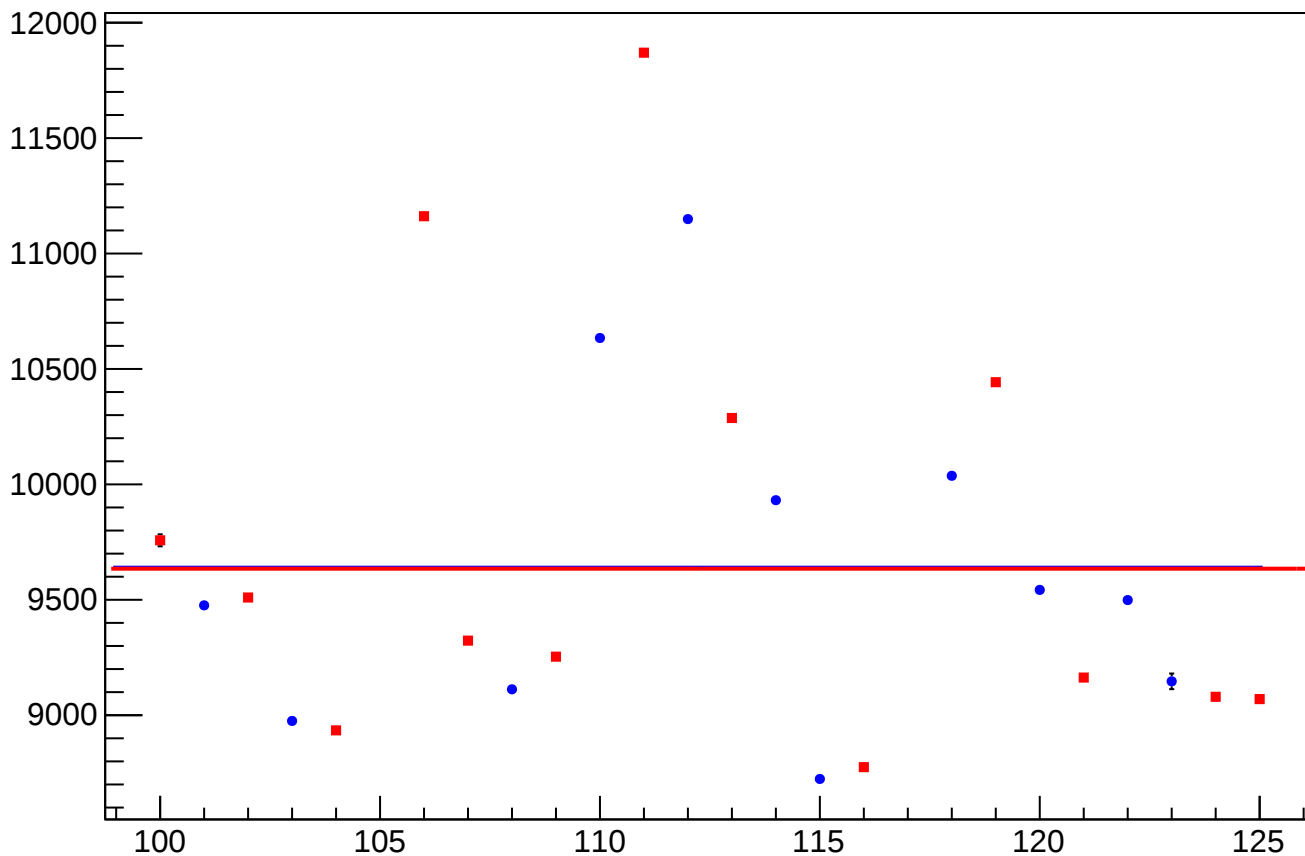
Right: -26.752+/-3.291 χ^2/NDF : 136.0/23

In: -52.014+/-4.919 χ^2/NDF :70.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -26.752+/-3.291 χ^2/NDF : 136.0/23

diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9639.168+/-3.478 χ^2/NDF : 37479.3/10

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

Right Out: 9634.728+/-3.131 χ^2/NDF : 69604.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

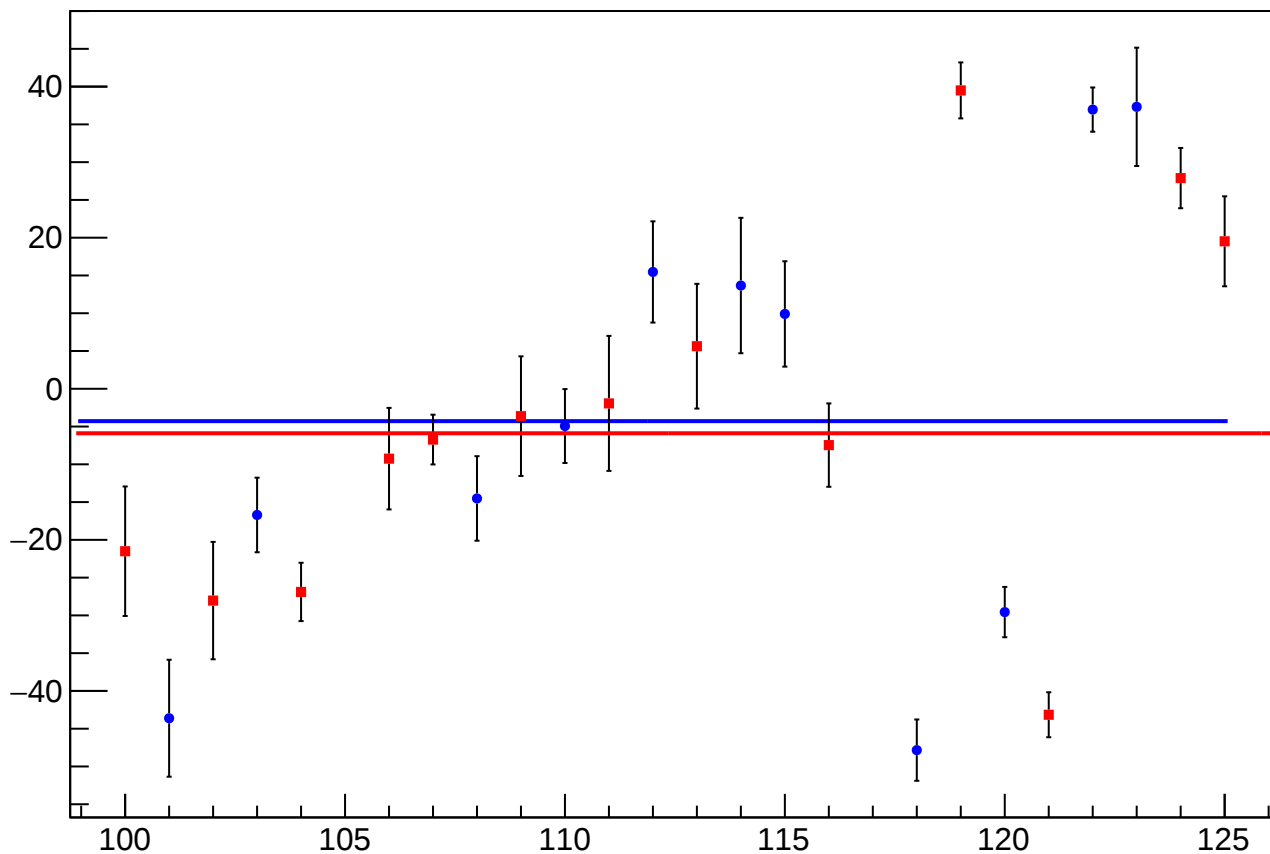
Right: 9636.716+/-2.327 χ^2/NDF : 107085.1/23

In: 9639.168+/-3.478 χ^2/NDF : 37479.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9636.716+/-2.327 χ^2/NDF : 107085.1/23

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: -4.286+/-1.458 χ^2/NDF : 451.6/10

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

Right Out: -5.889+/-1.331 χ^2/NDF : 440.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

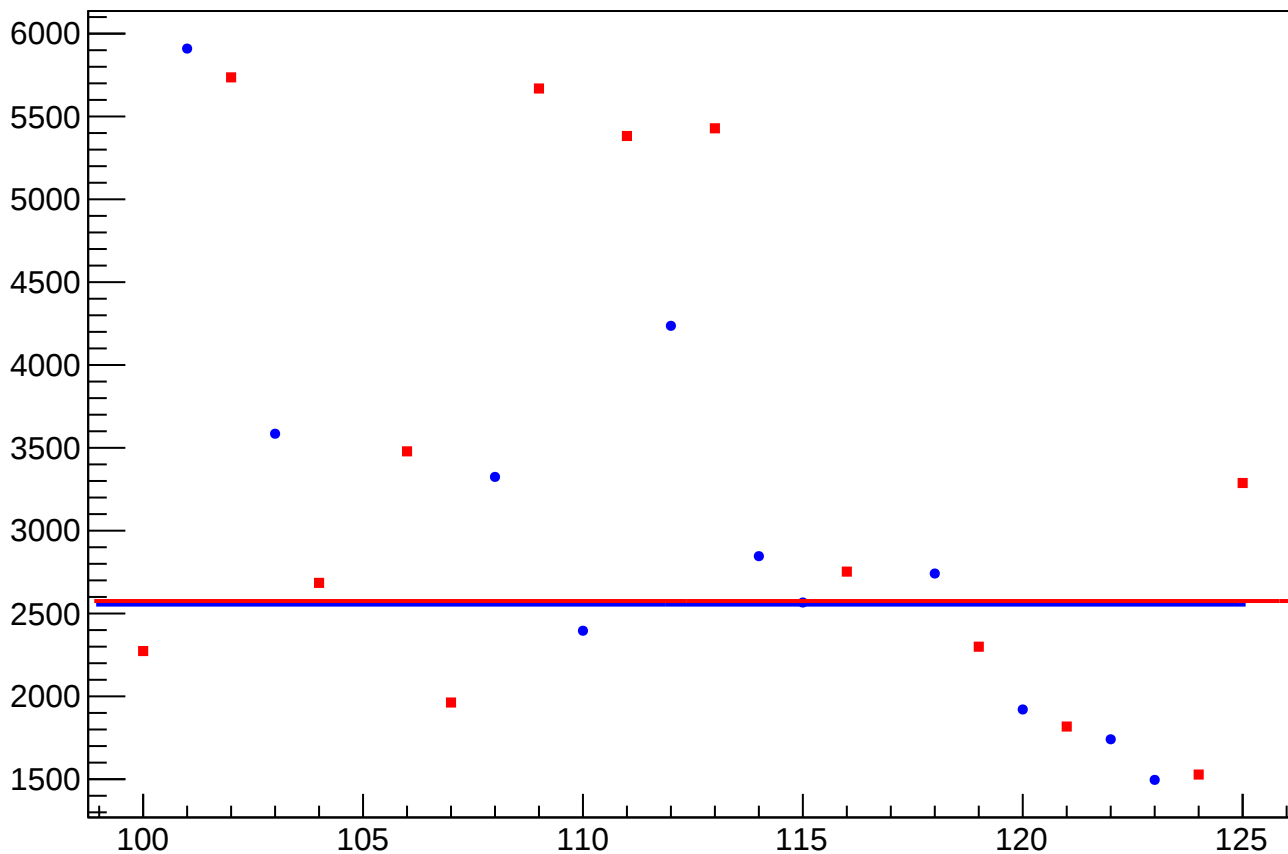
Right: -5.160+/-0.983 χ^2/NDF : 892.6/23

In: -4.286+/-1.458 χ^2/NDF :451.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.160+/-0.983 χ^2/NDF : 892.6/23

diff_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 2553.851+/-1.031 χ^2/NDF : 898579.7/10

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

Right Out: 2575.413+/-0.941 χ^2/NDF : 1491002.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

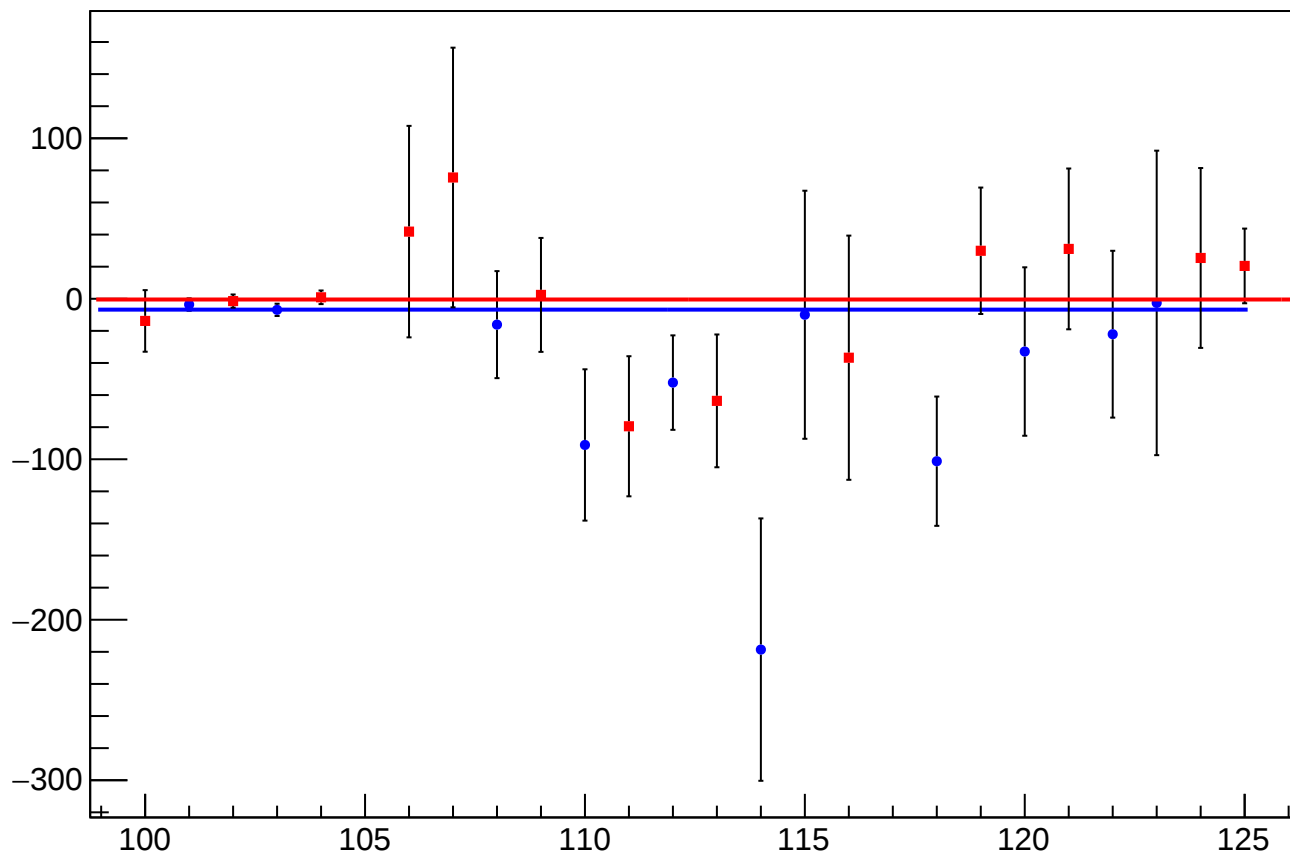
Right: 2565.610+/-0.695 χ^2/NDF : 2389820.9/23

In: 2553.851+/-1.031 χ^2/NDF : 898579.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2565.610+/-0.695 χ^2/NDF : 2389820.9/23

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -6.764+/-2.673 χ^2/NDF : 18.9/10

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

Right Out: -0.452+/-2.850 χ^2/NDF : 9.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

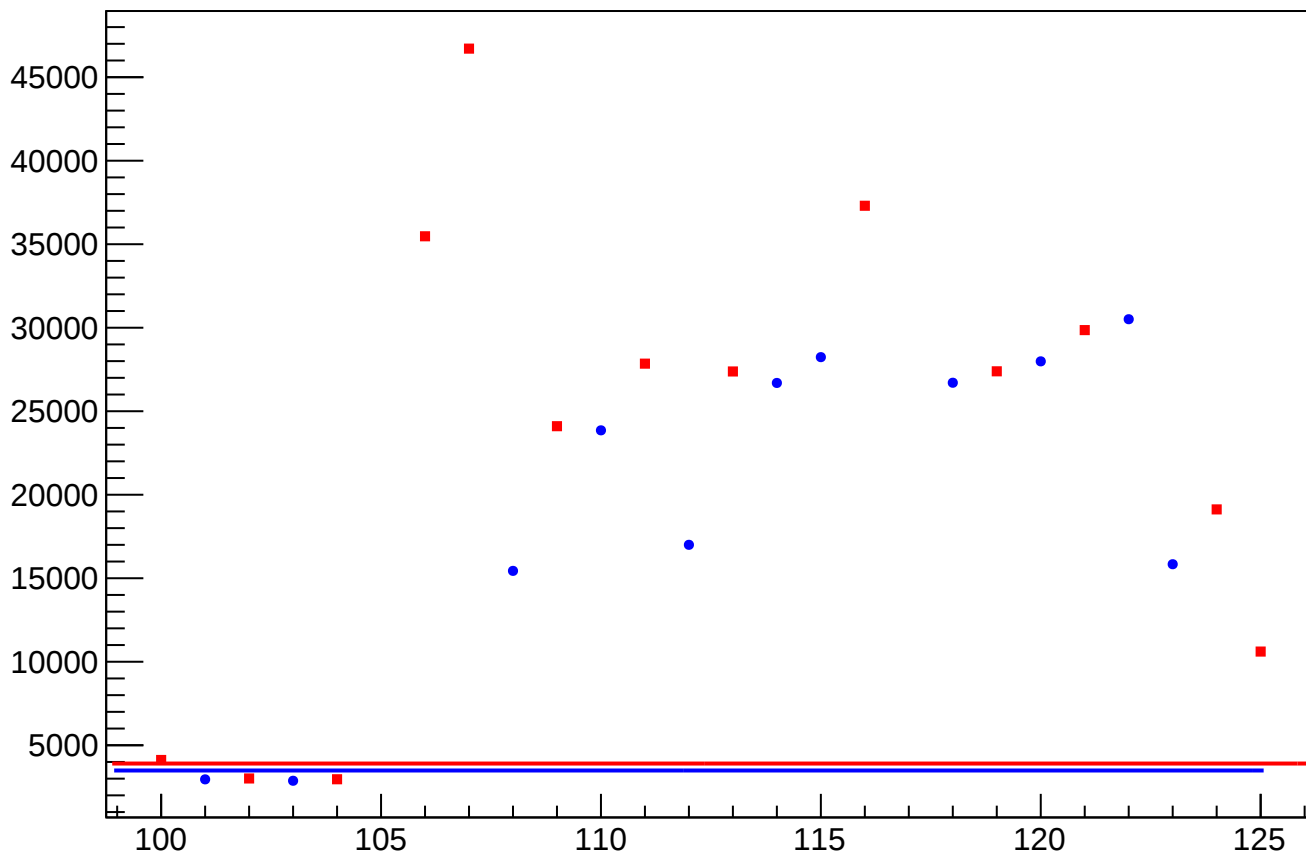
Right: -3.810+/-1.950 χ^2/NDF : 31.3/23

In: -6.764+/-2.673 χ^2/NDF : 18.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.810+/-1.950 χ^2/NDF : 31.3/23

diff_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 3488.582+/-1.890 χ^2/NDF : 3182159.9/10

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

Right Out: 3905.021+/-2.015 χ^2/NDF : 5052029.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

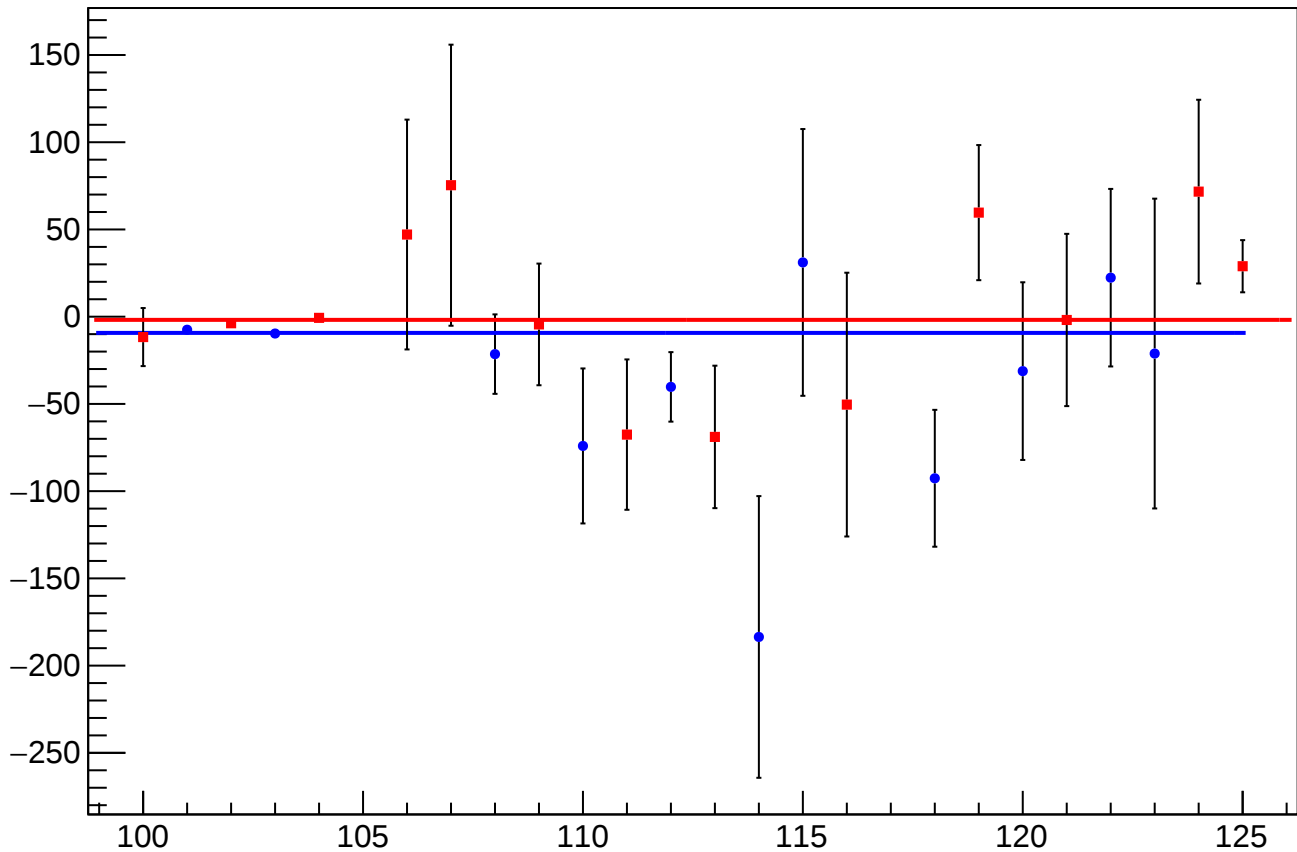
Right: 3683.469+/-1.379 χ^2/NDF : 8256905.2/23

In: 3488.582+/-1.890 χ^2/NDF : 3182159.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3683.469+/-1.379 χ^2/NDF : 8256905.2/23

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -9.289 ± 1.835 χ^2/NDF : 15.4/10

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

Right Out: -1.818 ± 1.966 χ^2/NDF : 16.6/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

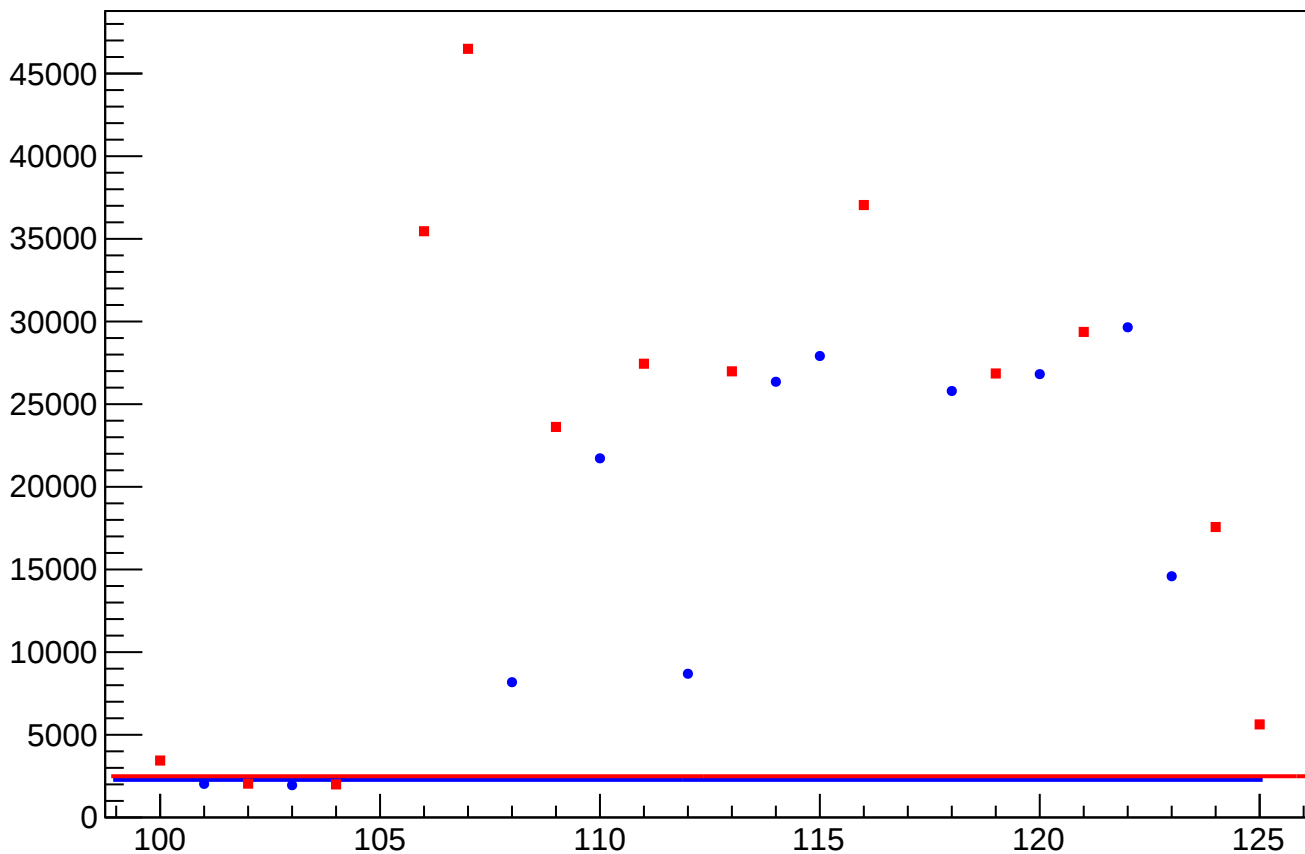
Right: -5.810 ± 1.341 χ^2/NDF : 39.7/23

In: -9.289 ± 1.835 χ^2/NDF : 15.4/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.810 ± 1.341 χ^2/NDF : 39.7/23

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2274.351 ± 1.298 $\chi^2/\text{NDF}: 2977534.7/10$

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

Right Out: 2493.565 ± 1.390 $\chi^2/\text{NDF}: 5392643.1/12$

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

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

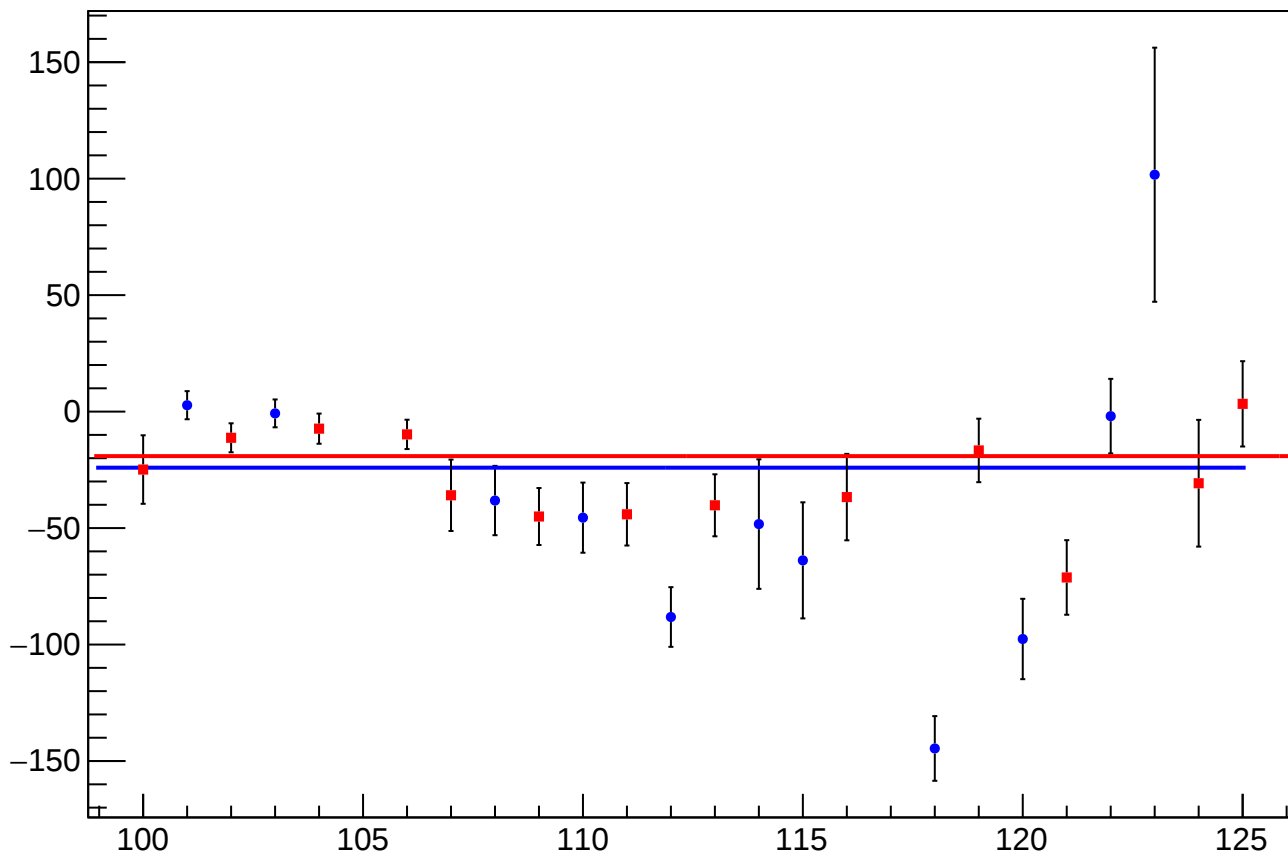
Right: 2376.426 ± 0.949 $\chi^2/\text{NDF}: 8383467.9/23$

In: 2274.351 ± 1.298 $\chi^2/\text{NDF}: 2977534.7/10$

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

All: 2376.426 ± 0.949 $\chi^2/\text{NDF}: 8383467.9/23$

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -24.074 ± 3.407 χ^2/NDF : 167.0/10

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

Right Out: -19.111 ± 2.908 χ^2/NDF : 32.2/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

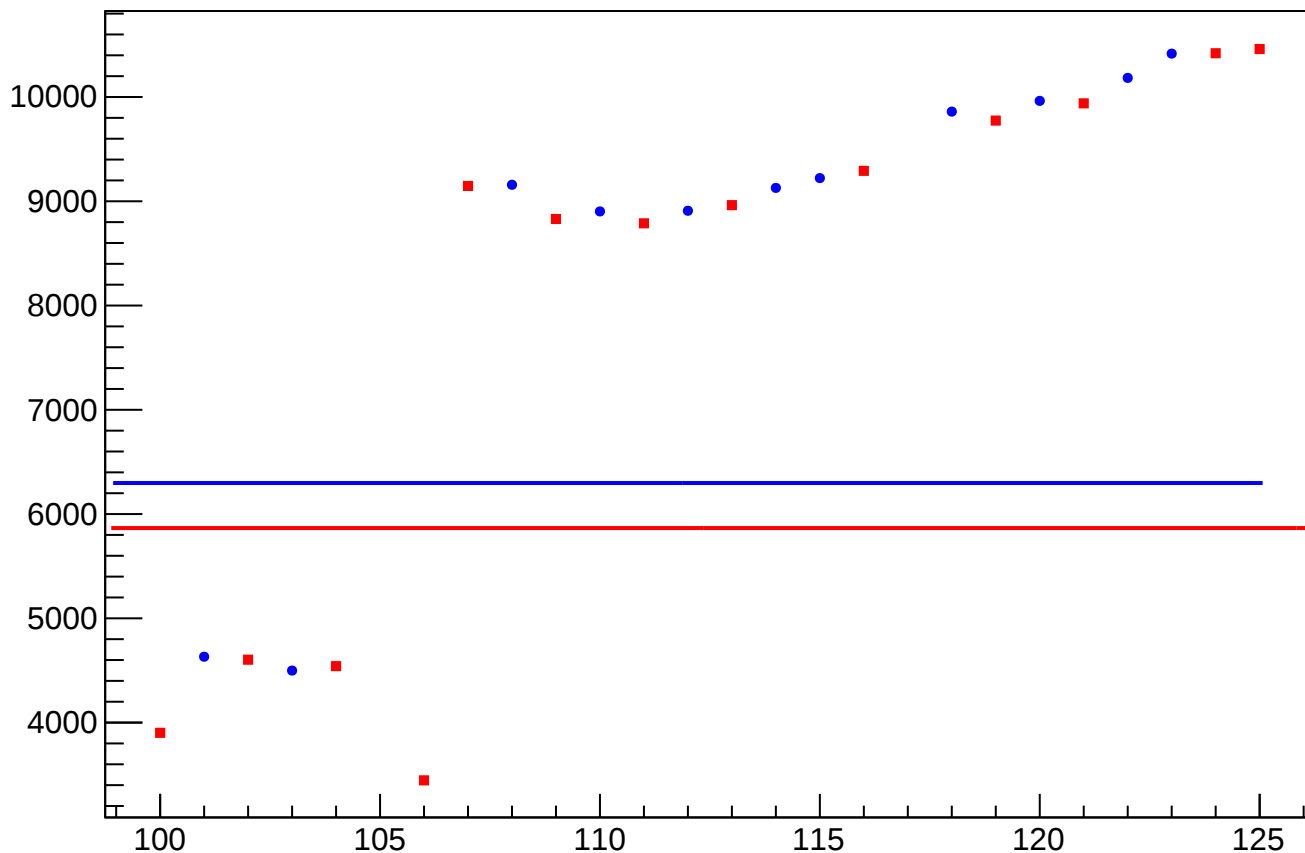
Right: -21.203 ± 2.212 χ^2/NDF : 200.4/23

In: -24.074 ± 3.407 χ^2/NDF : 167.0/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -21.203 ± 2.212 χ^2/NDF : 200.4/23

diff_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 6297.820+/-2.409 χ^2/NDF : 949945.1/10

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

Right Out: 5865.825+/-2.057 χ^2/NDF : 1453769.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

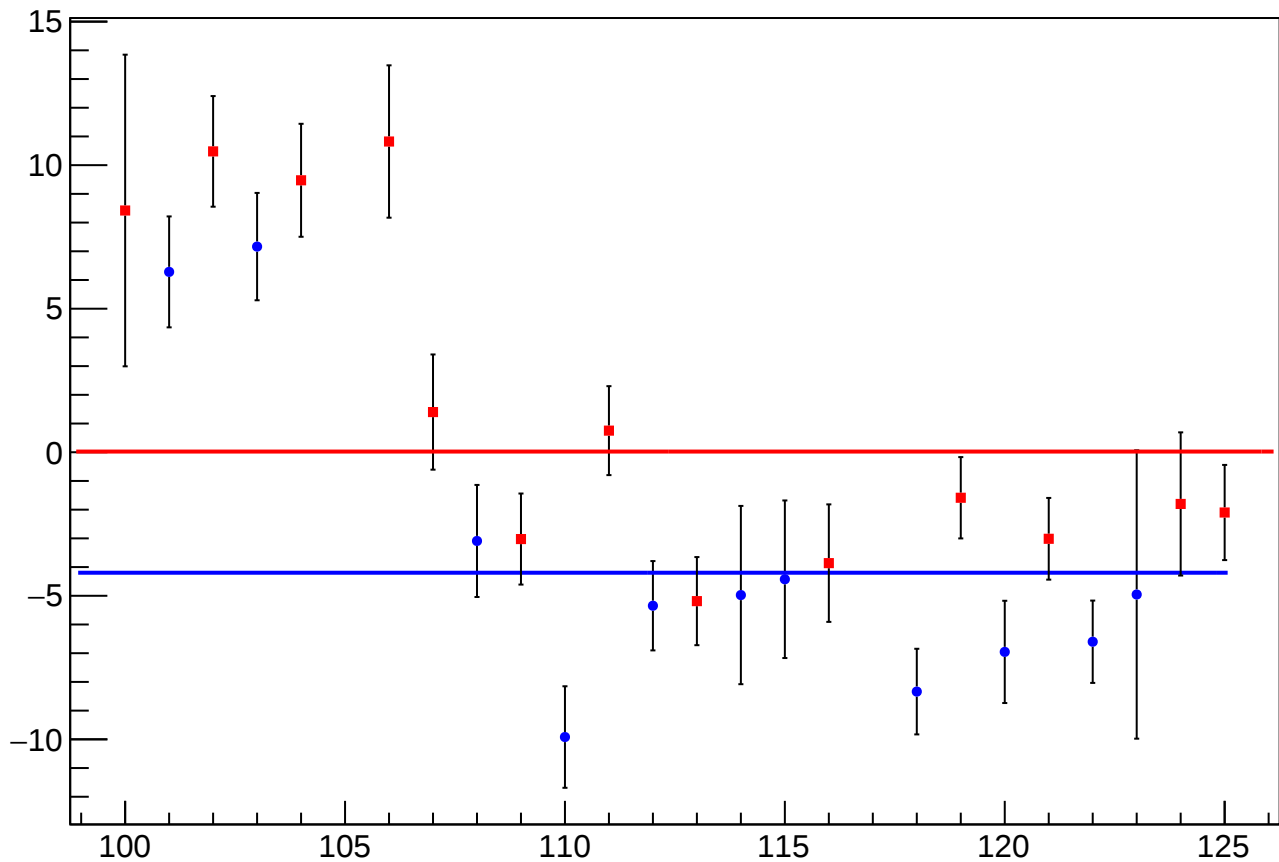
Right: 6047.922+/-1.564 χ^2/NDF : 2422314.4/23

In: 6297.820+/-2.409 χ^2/NDF : 949945.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6047.922+/-1.564 χ^2/NDF : 2422314.4/23

diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -4.197 $\pm$ 0.570 χ^2 /NDF: 90.7/10

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

Right Out: 0.024 $\pm$ 0.503 χ^2 /NDF: 99.0/12

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

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

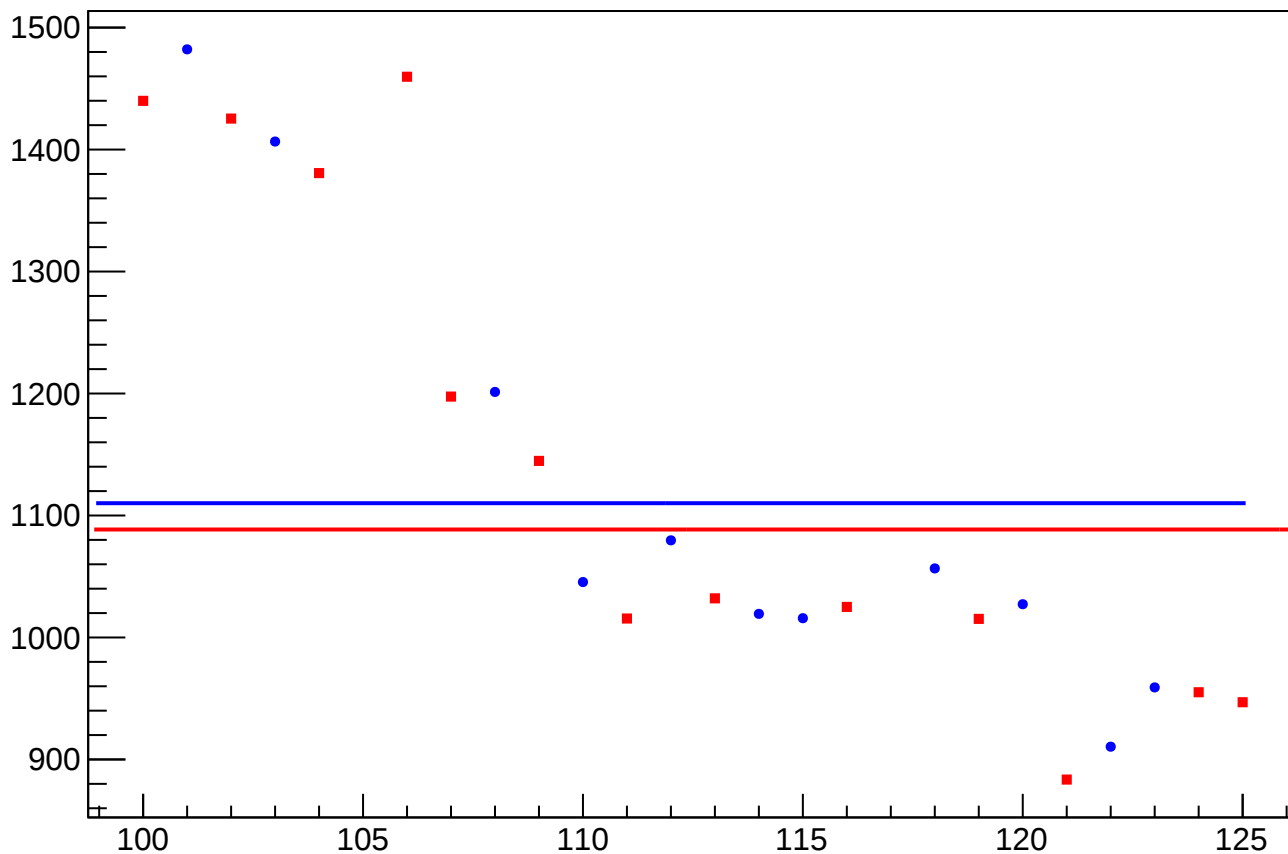
Right: -1.825 $\pm$ 0.377 χ^2 /NDF: 220.5/23

In: -4.197 $\pm$ 0.570 χ^2 /NDF:90.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.825 $\pm$ 0.377 χ^2 /NDF: 220.5/23

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1110.083+/-0.403 χ^2/NDF : 183802.0/10

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

Right Out: 1088.520+/-0.356 χ^2/NDF : 237399.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

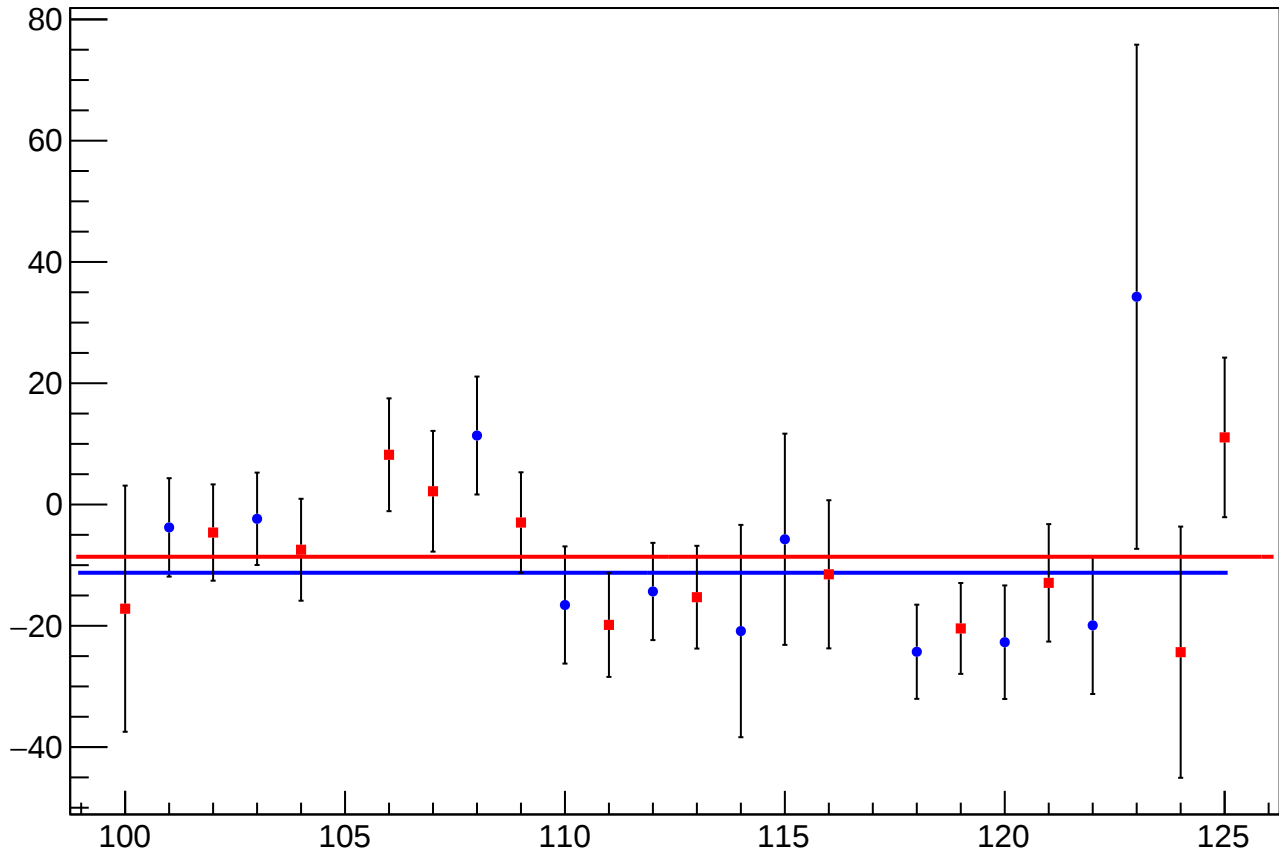
Right: 1097.966+/-0.267 χ^2/NDF : 422809.4/23

In: 1110.083+/-0.403 χ^2/NDF : 183802.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1097.966+/-0.267 χ^2/NDF : 422809.4/23

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -11.253 ± 2.986 $\chi^2/\text{NDF}: 14.6/10$

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

Right Out: -8.614 ± 2.678 $\chi^2/\text{NDF}: 13.3/12$

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

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

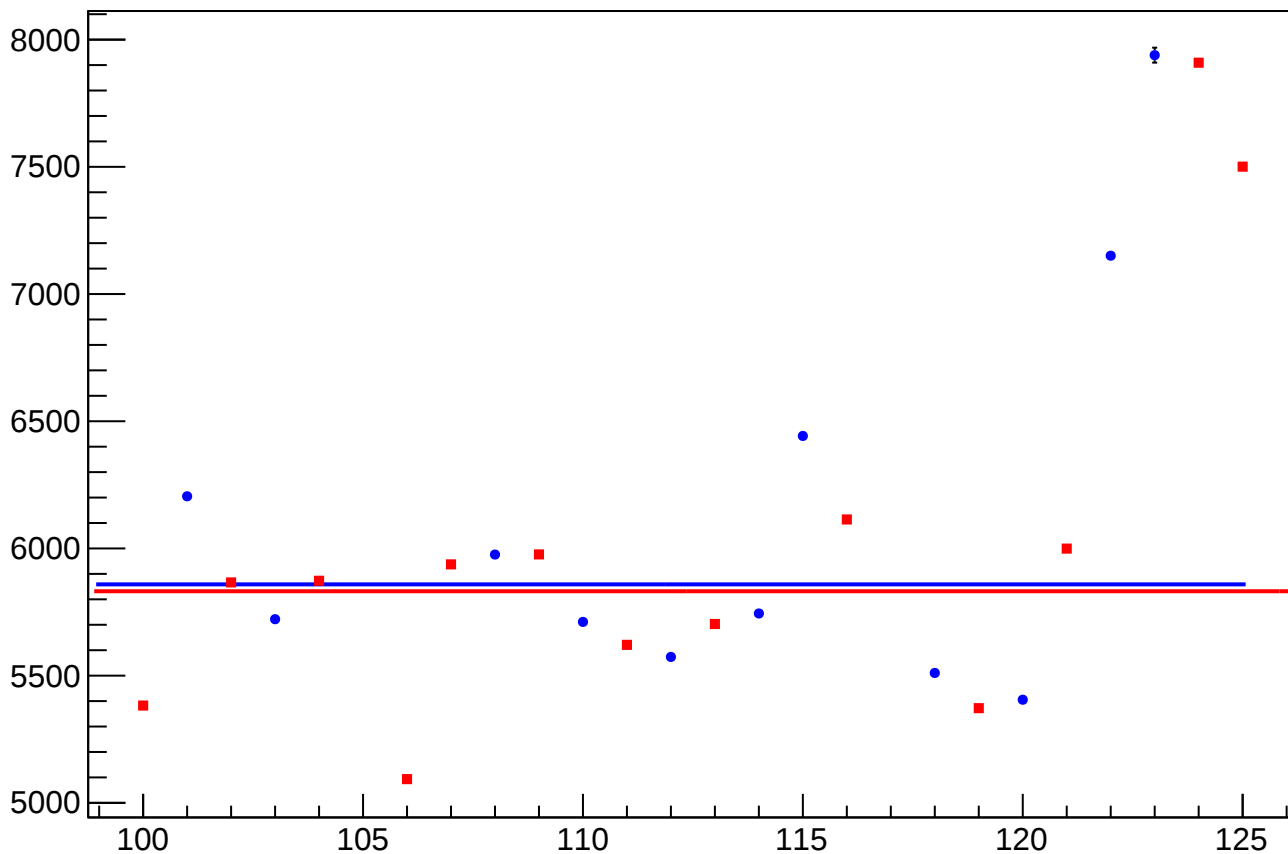
Right: -9.791 ± 1.993 $\chi^2/\text{NDF}: 28.3/23$

In: -11.253 ± 2.986 $\chi^2/\text{NDF}: 14.6/10$

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

All: -9.791 ± 1.993 $\chi^2/\text{NDF}: 28.3/23$

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 5858.846+/-2.111 χ^2/NDF : 49660.2/10

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

Right Out: 5831.746+/-1.894 χ^2/NDF : 77660.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

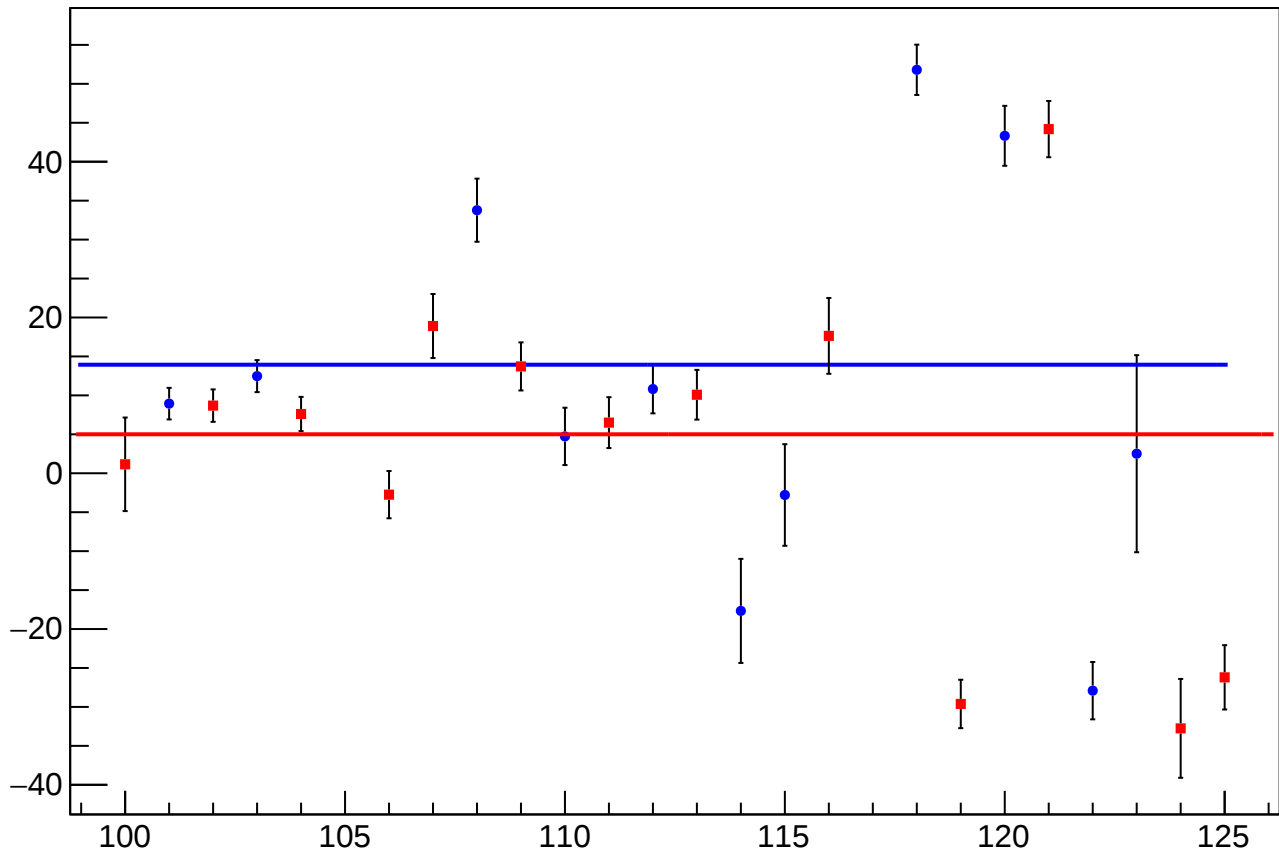
Right: 5843.828+/-1.410 χ^2/NDF : 127411.8/23

In: 5858.846+/-2.111 χ^2/NDF : 49660.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5843.828+/-1.410 χ^2/NDF : 127411.8/23

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 13.936+/-0.996 χ^2/NDF : 392.8/10

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

Right Out: 5.004+/-0.900 χ^2/NDF : 374.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

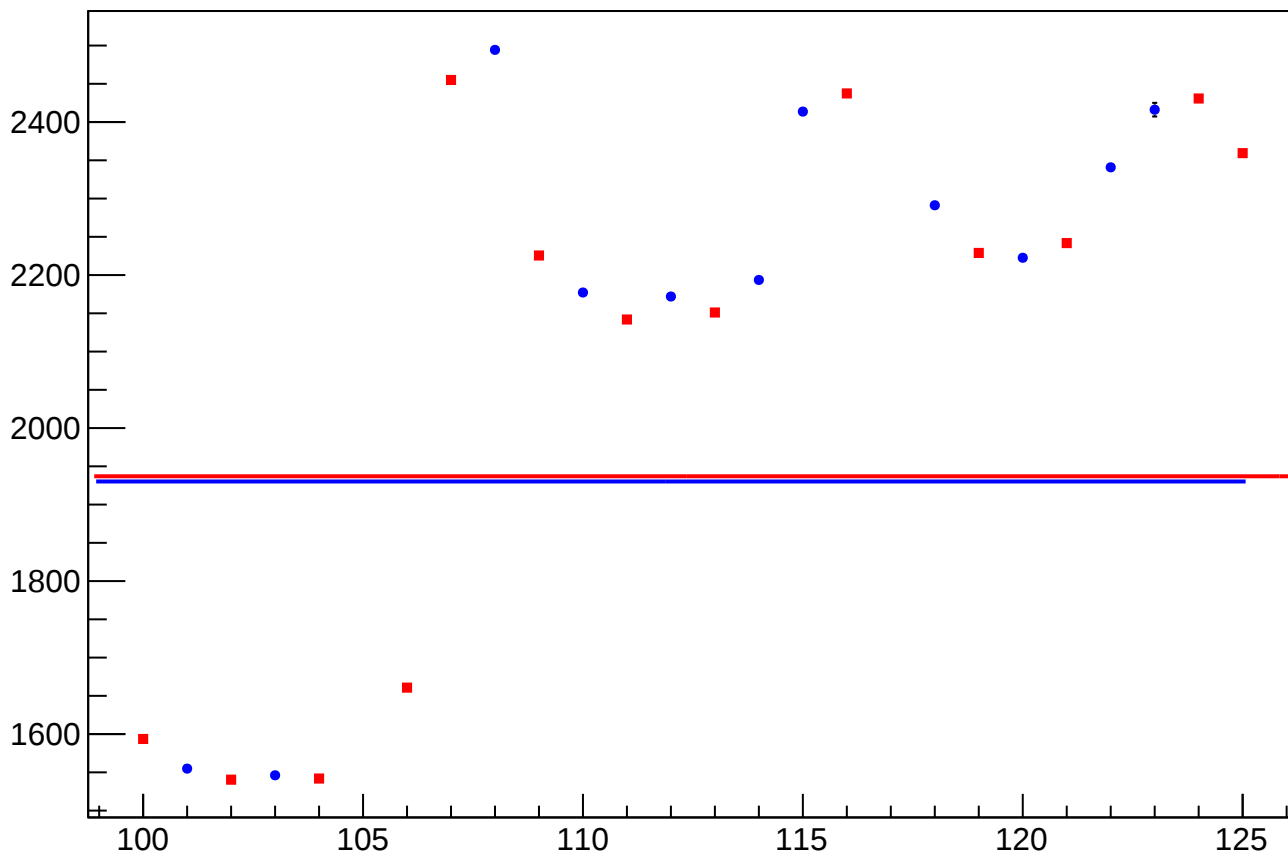
Right: 9.015+/-0.668 χ^2/NDF : 811.8/23

In: 13.936+/-0.996 χ^2/NDF : 392.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.015+/-0.668 χ^2/NDF : 811.8/23

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 1930.196+/-0.705 χ^2/NDF : 276760.7/10

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

Right Out: 1936.999+/-0.636 χ^2/NDF : 312486.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

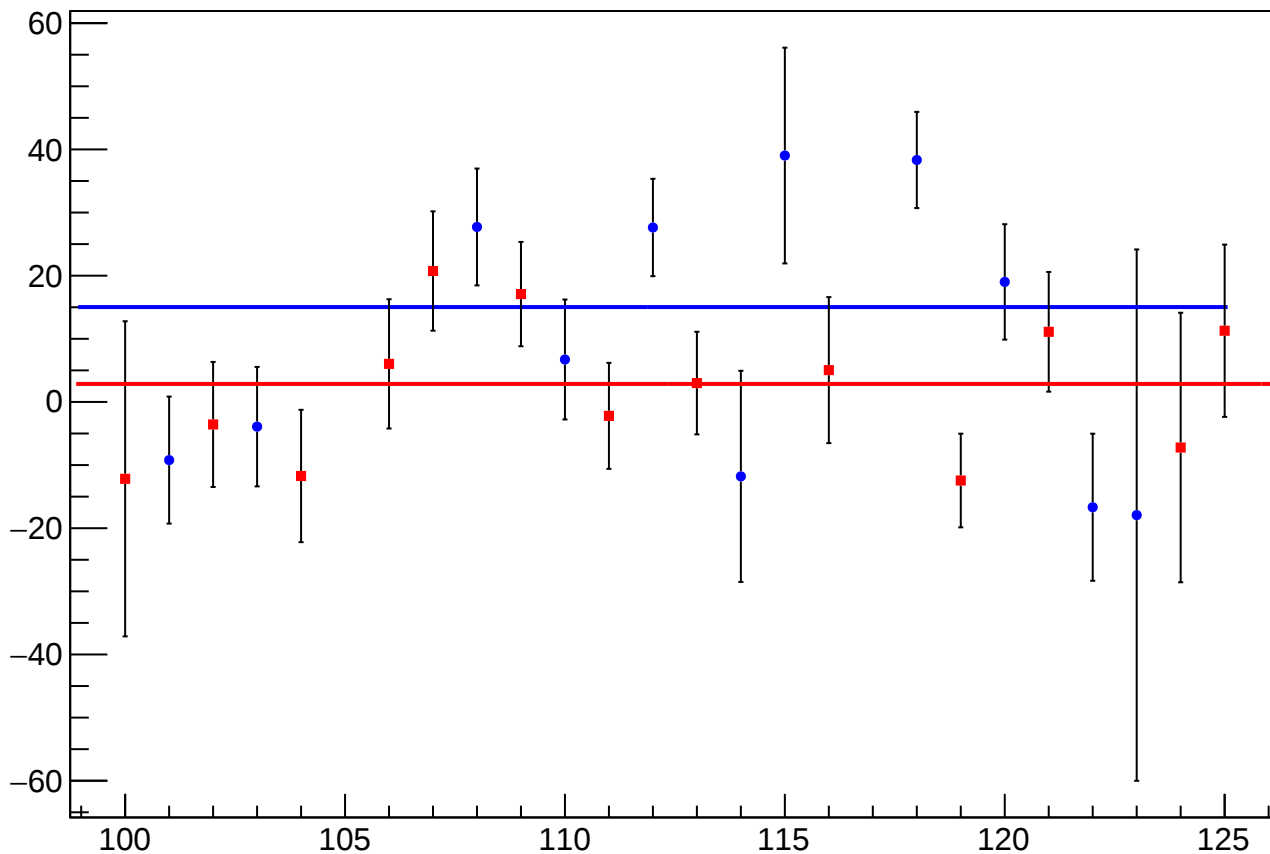
Right: 1933.945+/-0.472 χ^2/NDF : 589298.9/23

In: 1930.196+/-0.705 χ^2/NDF : 276760.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1933.945+/-0.472 χ^2/NDF : 589298.9/23

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 15.030+/-3.090 χ^2/NDF : 37.2/10

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

Right Out: 2.857+/-2.774 χ^2/NDF : 15.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

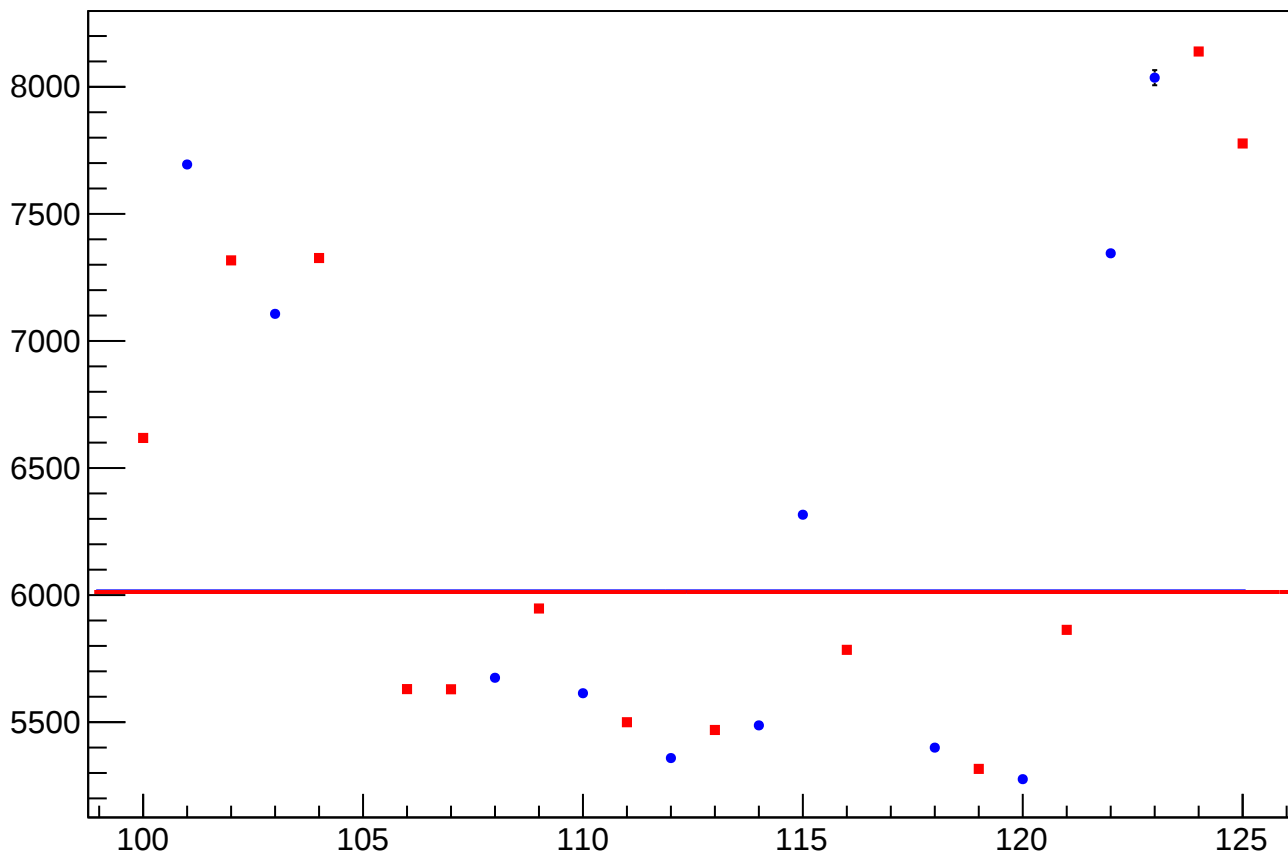
Right: 8.290+/-2.064 χ^2/NDF : 61.2/23

In: 15.030+/-3.090 χ^2/NDF : 37.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.290+/-2.064 χ^2/NDF : 61.2/23

diff_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 6014.666+/-2.185 χ^2/NDF : 162550.5/10

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

Right Out: 6012.196+/-1.961 χ^2/NDF : 162108.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

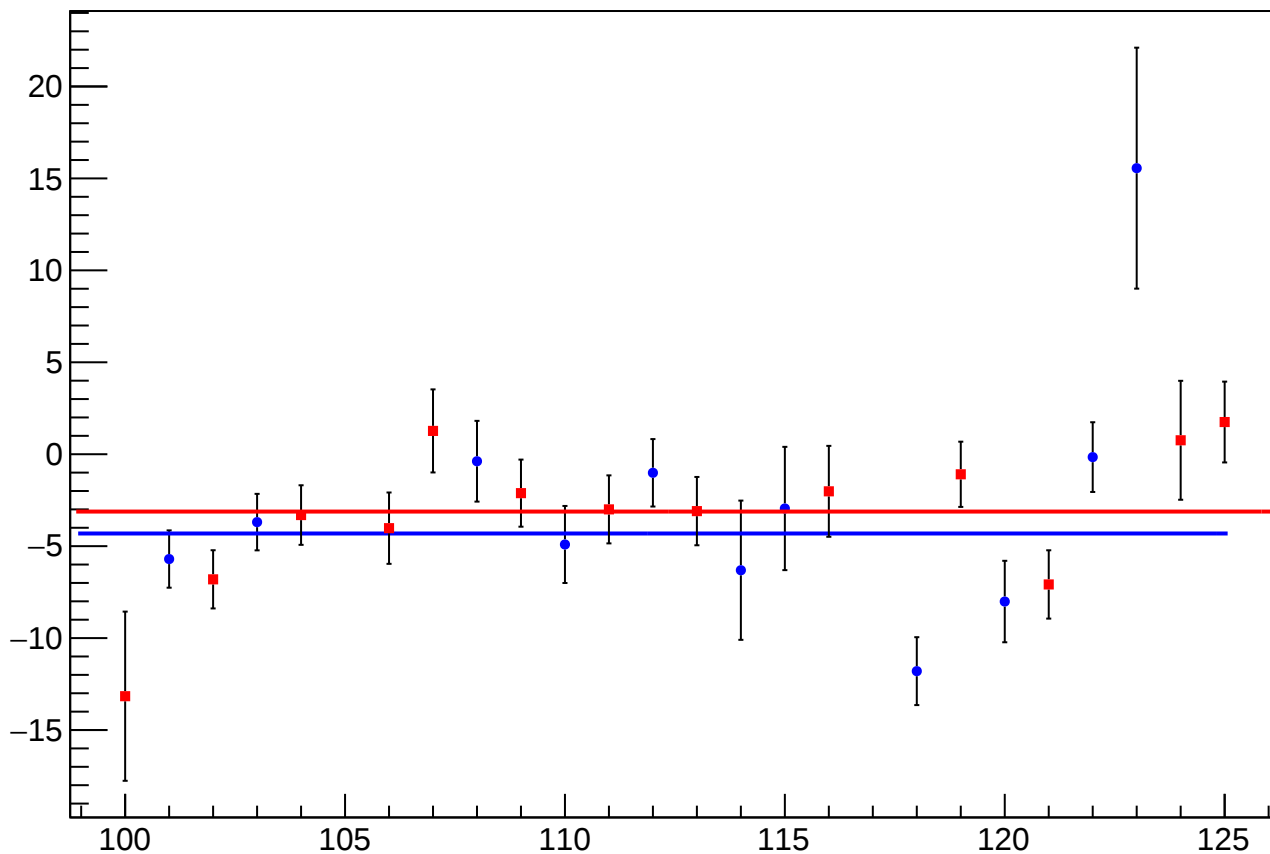
Right: 6013.299+/-1.459 χ^2/NDF : 324659.5/23

In: 6014.666+/-2.185 χ^2/NDF :162550.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6013.299+/-1.459 χ^2/NDF : 324659.5/23

diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -4.311 ± 0.629 $\chi^2/\text{NDF}: 41.1/10$

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

Right Out: -3.119 ± 0.555 $\chi^2/\text{NDF}: 26.9/12$

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

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

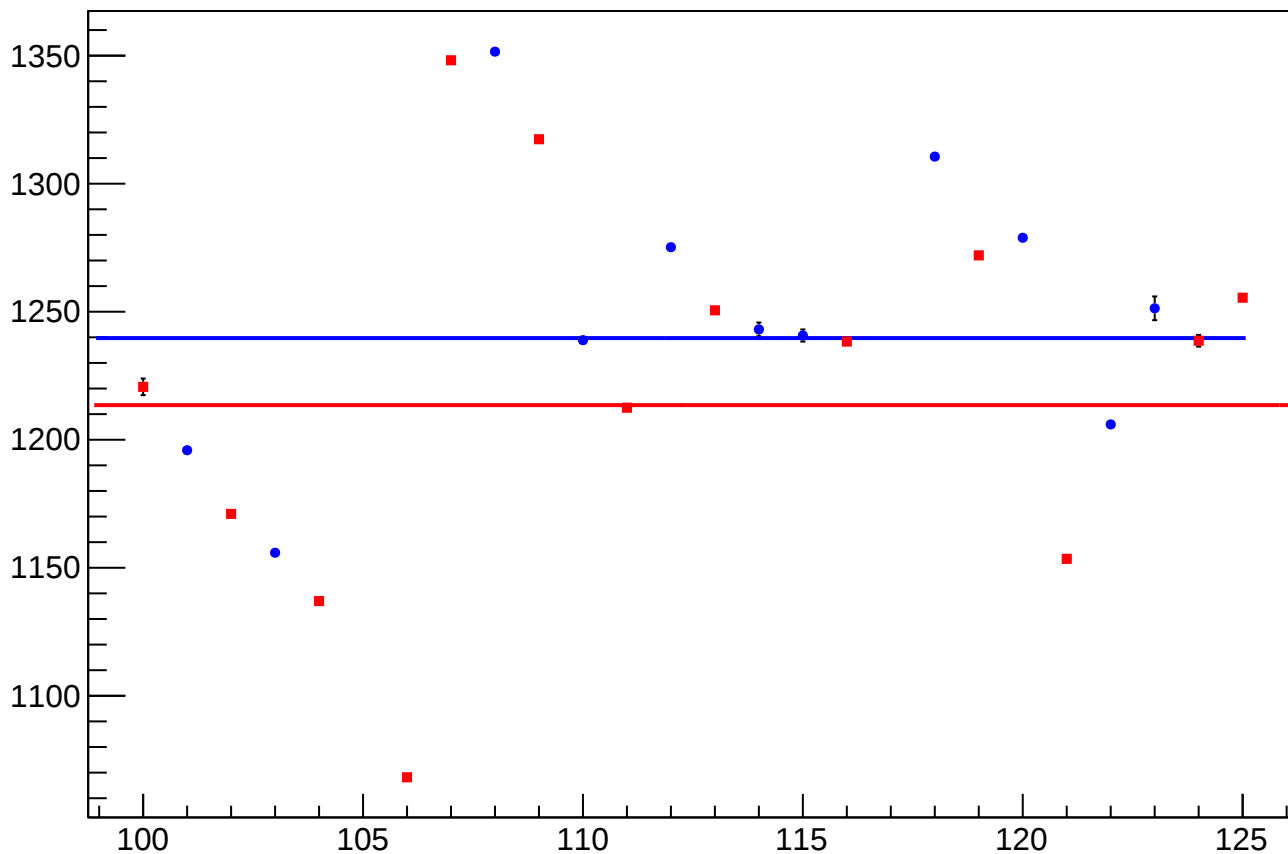
Right: -3.640 ± 0.416 $\chi^2/\text{NDF}: 70.1/23$

In: -4.311 ± 0.629 $\chi^2/\text{NDF}: 41.1/10$

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

All: -3.640 ± 0.416 $\chi^2/\text{NDF}: 70.1/23$

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1239.704 $\pm$ 0.445 χ^2 /NDF: 17688.4/10

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

Right Out: 1213.520 $\pm$ 0.393 χ^2 /NDF: 36830.6/12

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

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

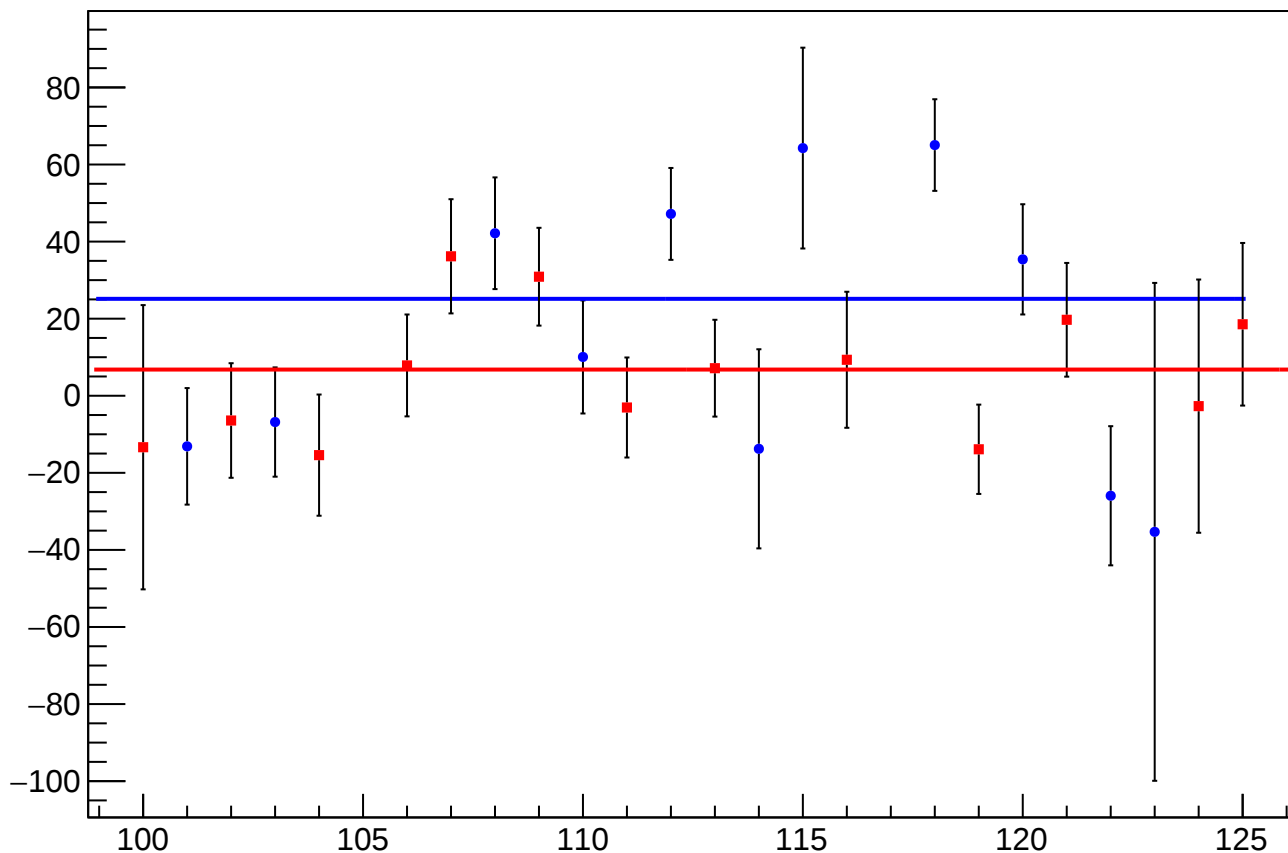
Right: 1224.978 $\pm$ 0.294 χ^2 /NDF: 56466.4/23

In: 1239.704 $\pm$ 0.445 χ^2 /NDF:17688.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1224.978 $\pm$ 0.294 χ^2 /NDF: 56466.4/23

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: 25.148+/-4.765 χ^2/NDF : 42.5/10

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

Right Out: 6.796+/-4.207 χ^2/NDF : 15.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

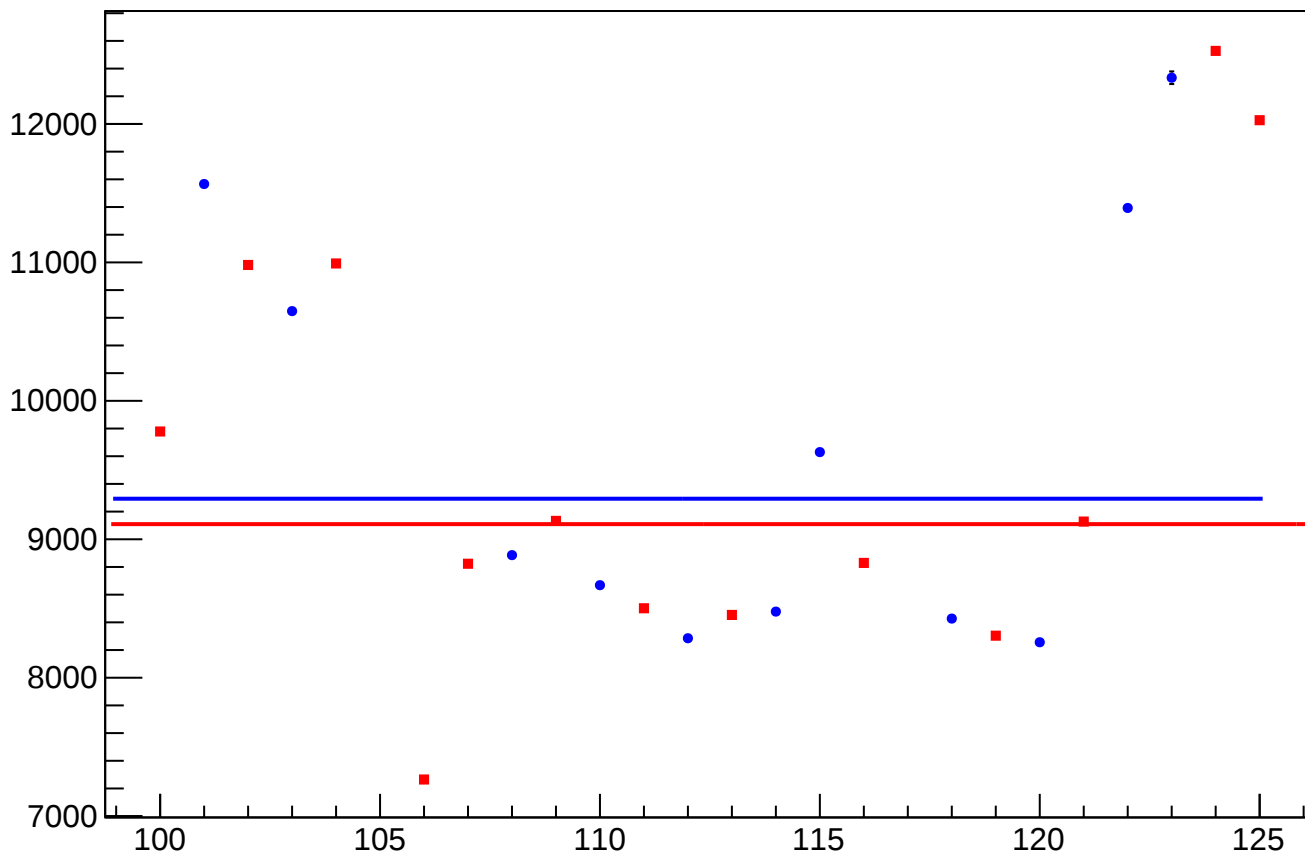
Right: 14.835+/-3.154 χ^2/NDF : 66.4/23

In: 25.148+/-4.765 χ^2/NDF : 42.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.835+/-3.154 χ^2/NDF : 66.4/23

diff_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 9293.052+/-3.370 χ^2/NDF : 137914.6/10

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

Right Out: 9109.471+/-2.975 χ^2/NDF : 180689.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

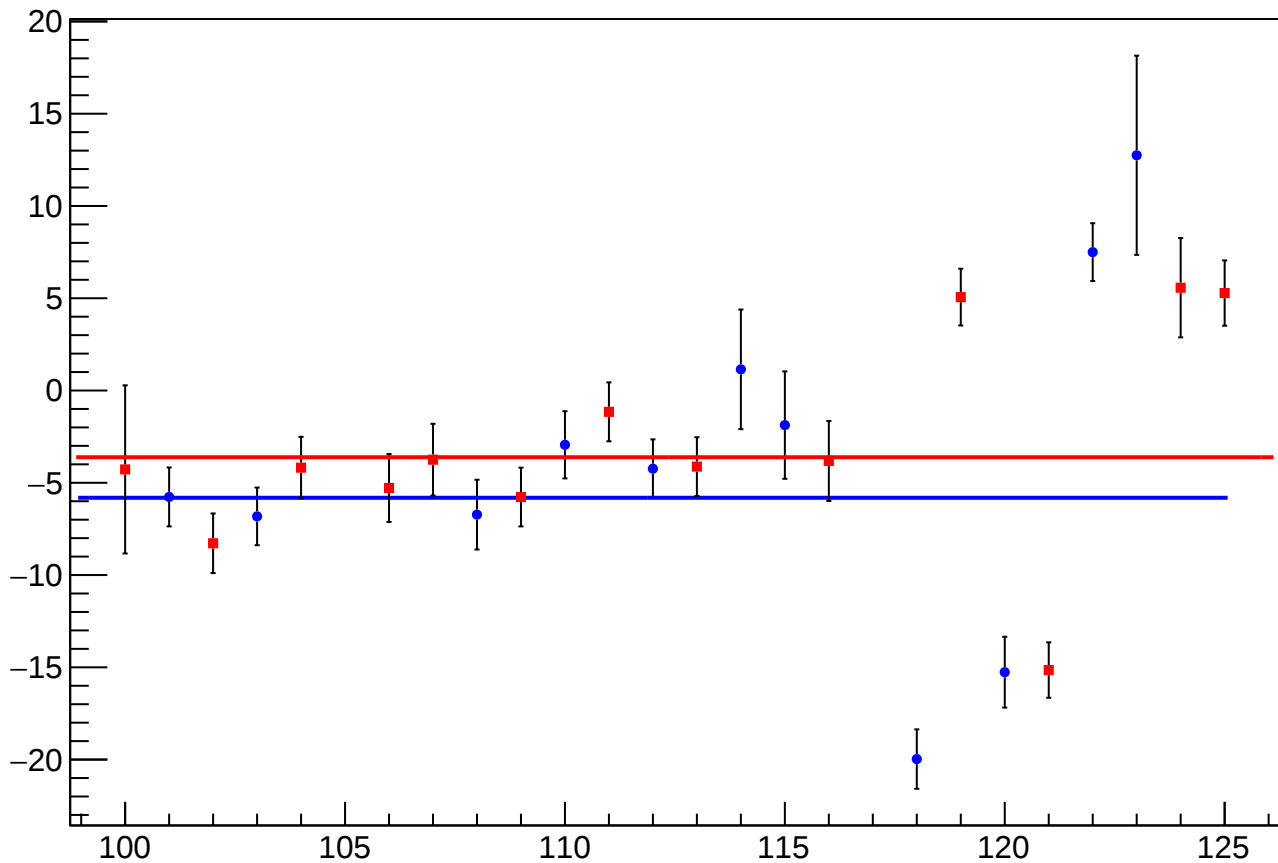
Right: 9189.881+/-2.230 χ^2/NDF : 320272.4/23

In: 9293.052+/-3.370 χ^2/NDF : 137914.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9189.881+/-2.230 χ^2/NDF : 320272.4/23

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -5.812 ± 0.569 χ^2/NDF : 196.0/10

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

Right Out: -3.616 ± 0.496 χ^2/NDF : 141.3/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

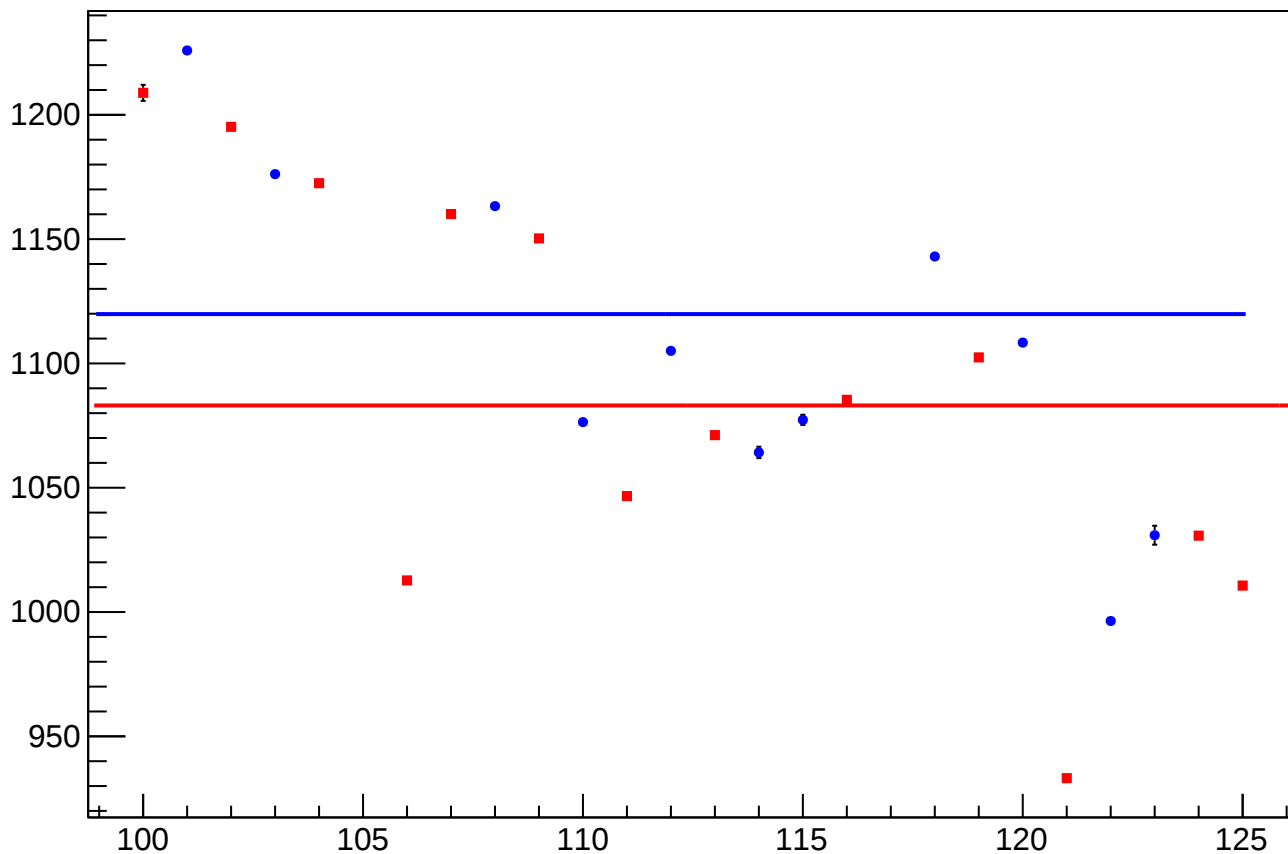
Right: -4.564 ± 0.374 χ^2/NDF : 345.8/23

In: -5.812 ± 0.569 χ^2/NDF : 196.0/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.564 ± 0.374 χ^2/NDF : 345.8/23

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1119.849 $\pm$ 0.402 χ^2 /NDF: 28227.0/10

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

Right Out: 1083.090 $\pm$ 0.351 χ^2 /NDF: 51992.3/12

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

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

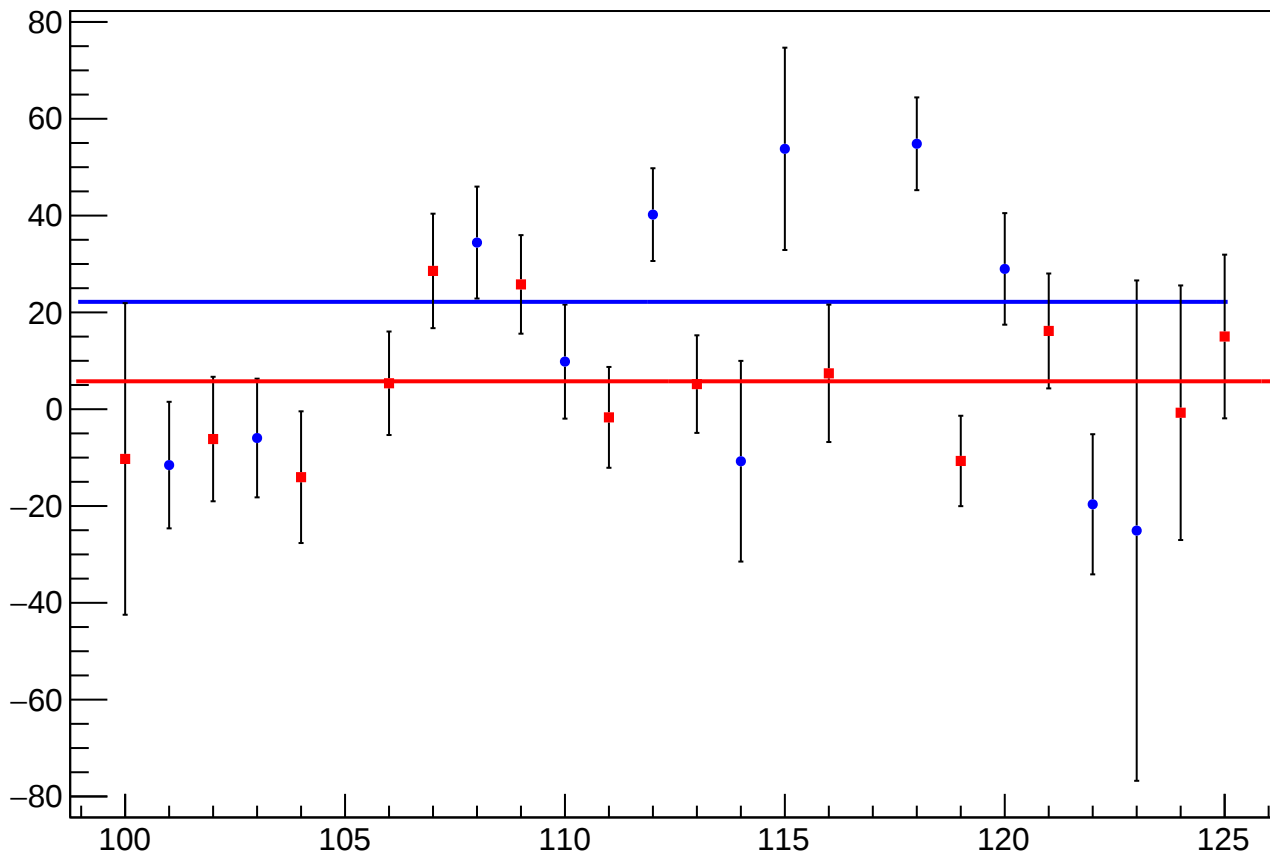
Right: 1098.958 $\pm$ 0.264 χ^2 /NDF: 84964.3/23

In: 1119.849 $\pm$ 0.402 χ^2 /NDF:28227.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1098.958 $\pm$ 0.264 χ^2 /NDF: 84964.3/23

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 22.180+/-3.885 χ^2/NDF : 43.6/10

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

Right Out: 5.765+/-3.420 χ^2/NDF : 15.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

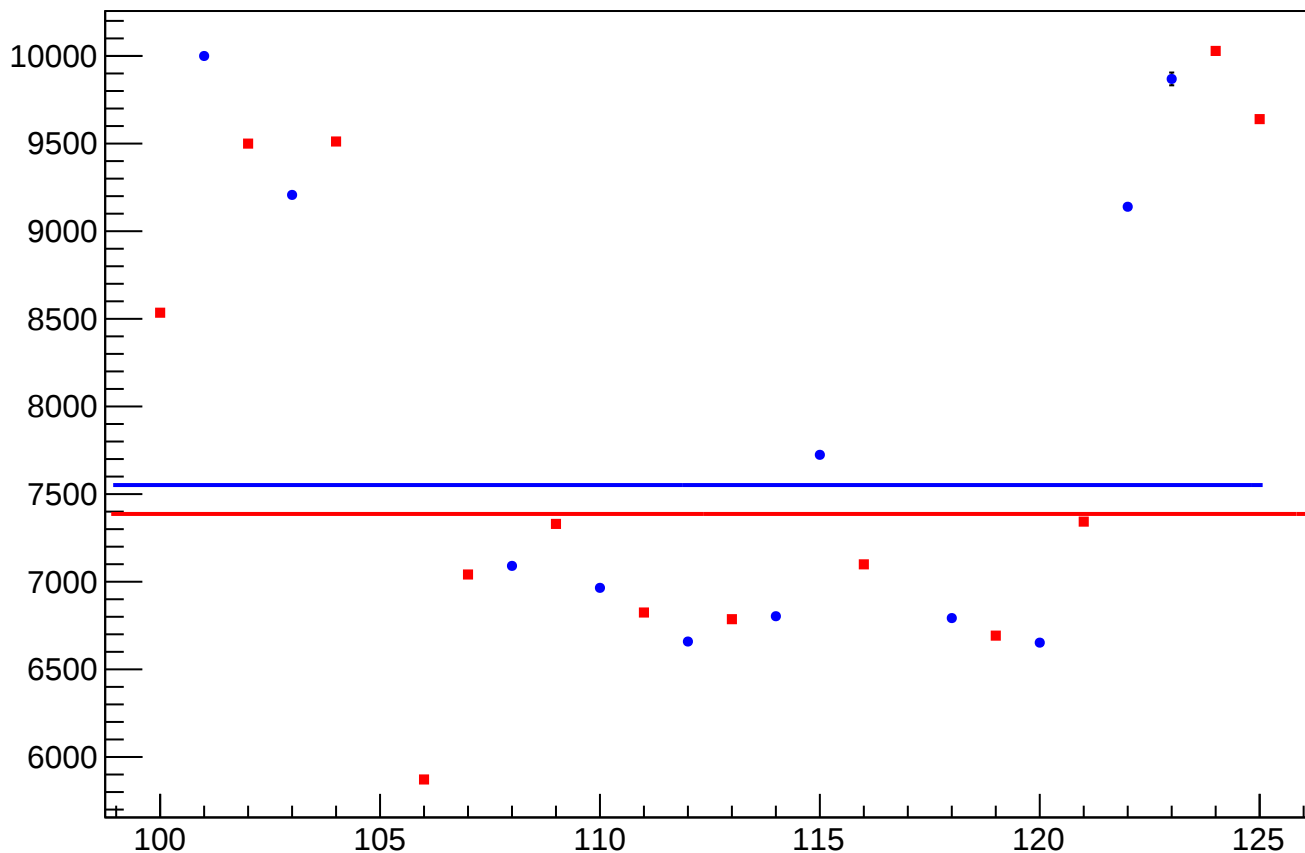
Right: 12.932+/-2.567 χ^2/NDF : 69.3/23

In: 22.180+/-3.885 χ^2/NDF : 43.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.932+/-2.567 χ^2/NDF : 69.3/23

diff_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 7551.638+/-2.747 χ^2/NDF : 187655.8/10

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

Right Out: 7386.741+/-2.418 χ^2/NDF : 227801.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

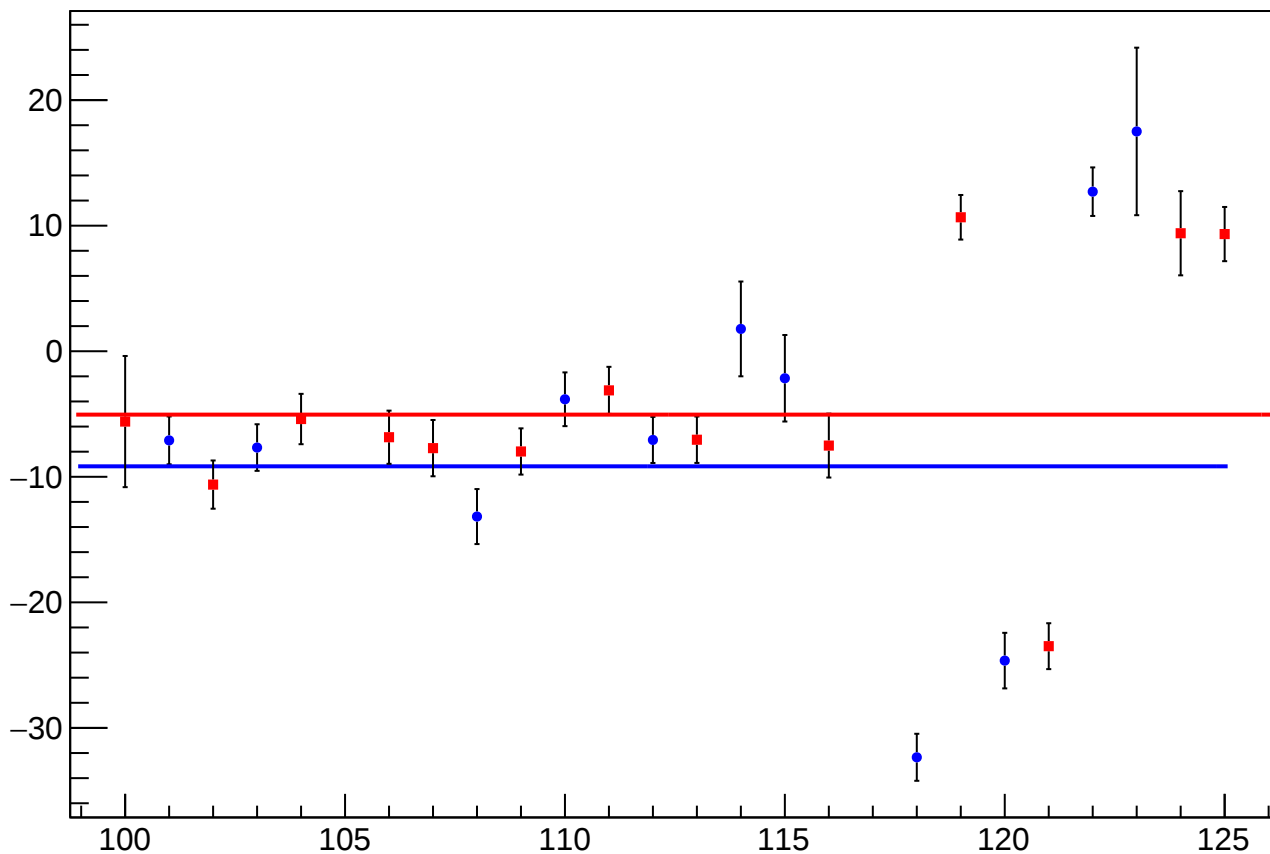
Right: 7458.737+/-1.815 χ^2/NDF : 417487.8/23

In: 7551.638+/-2.747 χ^2/NDF : 187655.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7458.737+/-1.815 χ^2/NDF : 417487.8/23

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -9.166+/-0.671 χ^2/NDF : 371.4/10

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

Right Out: -5.048+/-0.585 χ^2/NDF : 259.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

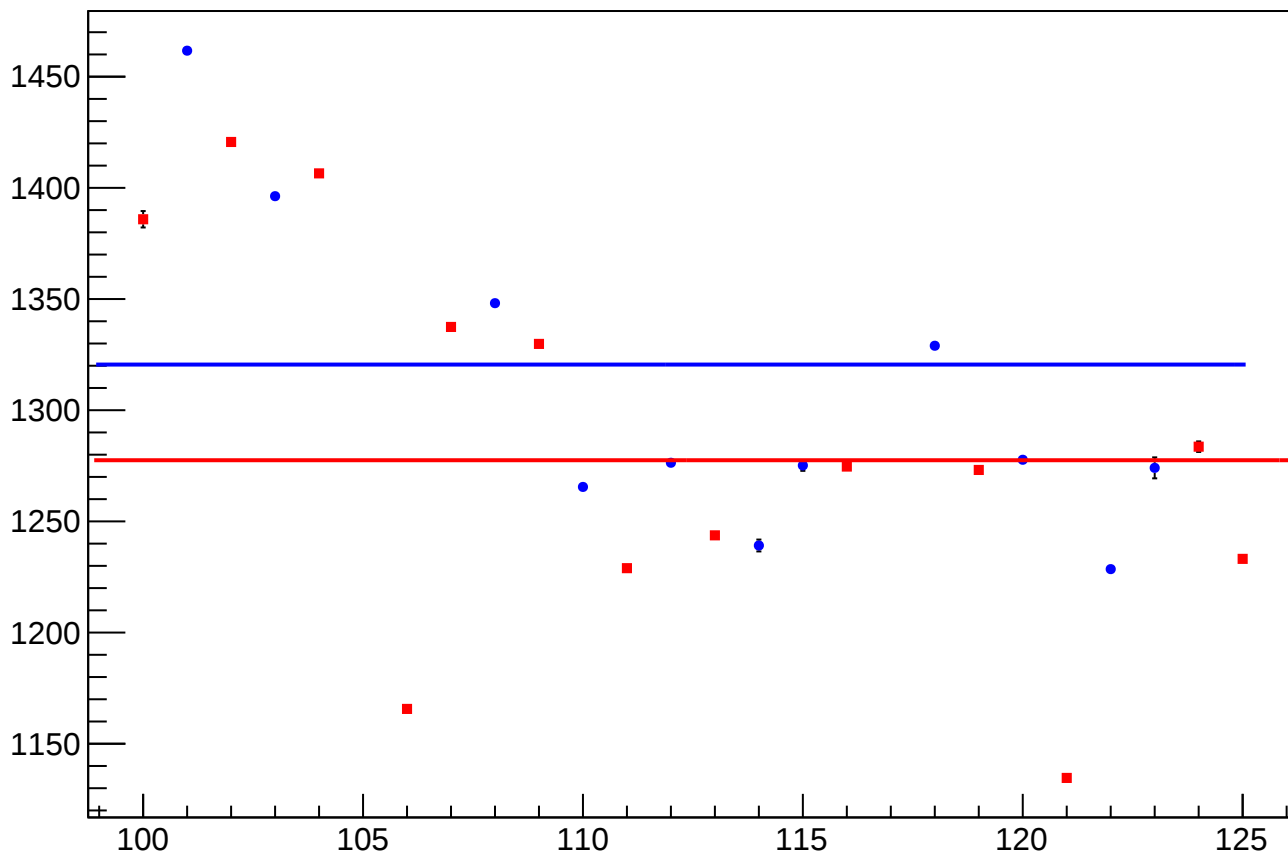
Right: -6.826+/-0.441 χ^2/NDF : 652.2/23

In: -9.166+/-0.671 χ^2/NDF :371.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.826+/-0.441 χ^2/NDF : 652.2/23

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1320.529+/-0.474 χ^2/NDF : 23803.3/10

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

Right Out: 1277.505+/-0.413 χ^2/NDF : 43980.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

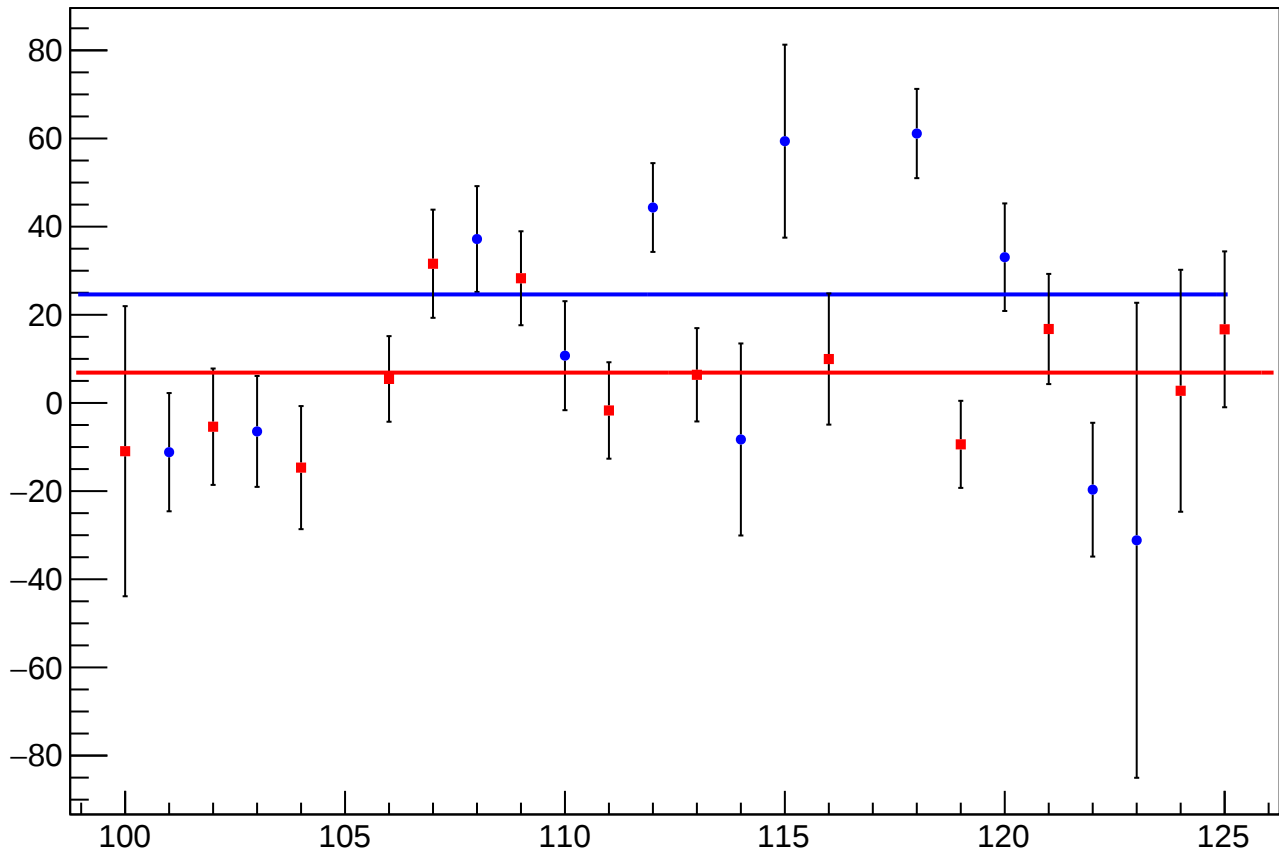
Right: 1296.082+/-0.312 χ^2/NDF : 72461.0/23

In: 1320.529+/-0.474 χ^2/NDF : 23803.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1296.082+/-0.312 χ^2/NDF : 72461.0/23

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 24.622+/-4.063 χ^2/NDF : 47.3/10

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

Right Out: 6.885+/-3.518 χ^2/NDF : 16.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

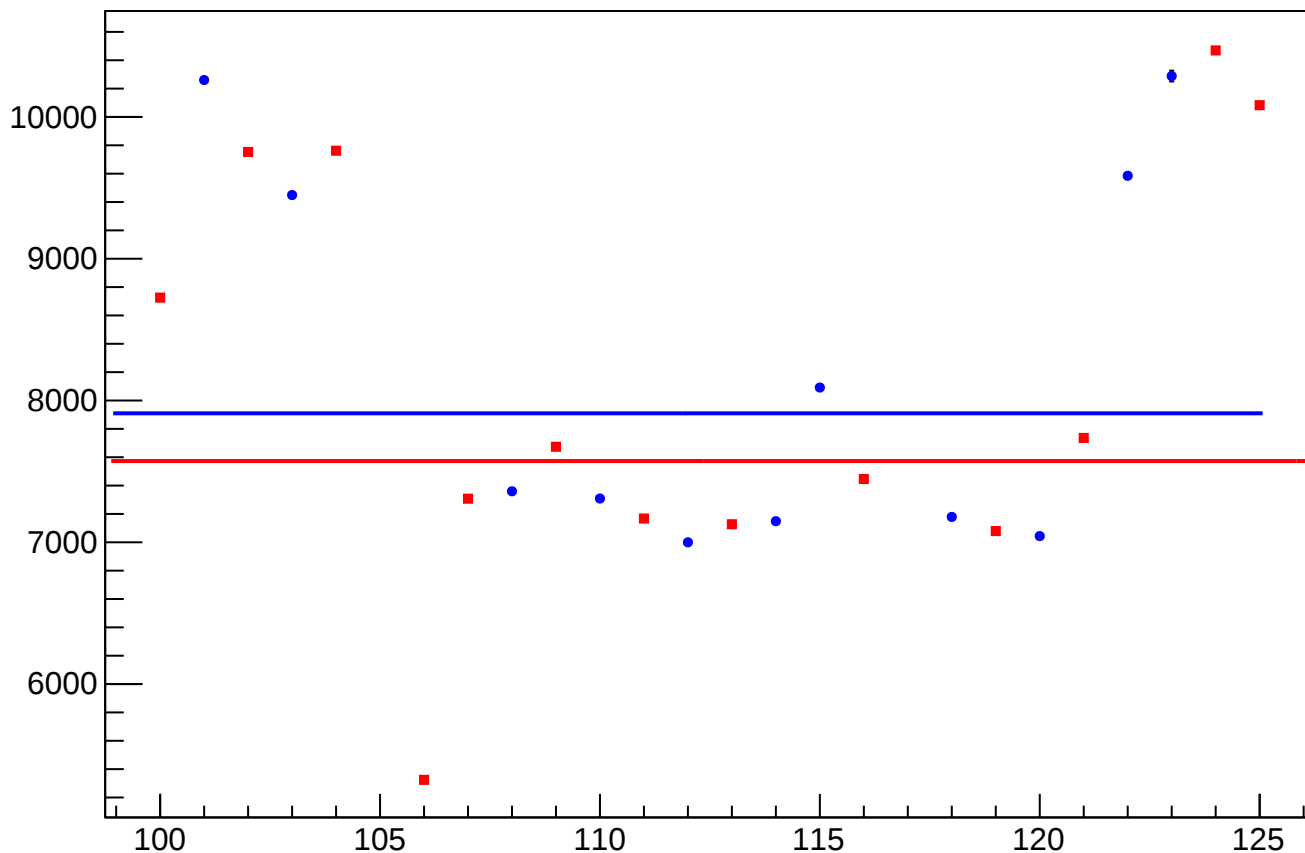
Right: 14.484+/-2.660 χ^2/NDF : 74.2/23

In: 24.622+/-4.063 χ^2/NDF : 47.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.484+/-2.660 χ^2/NDF : 74.2/23

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 7909.646+/-2.873 χ^2/NDF : 167969.3/10

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

Right Out: 7573.129+/-2.488 χ^2/NDF : 288776.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

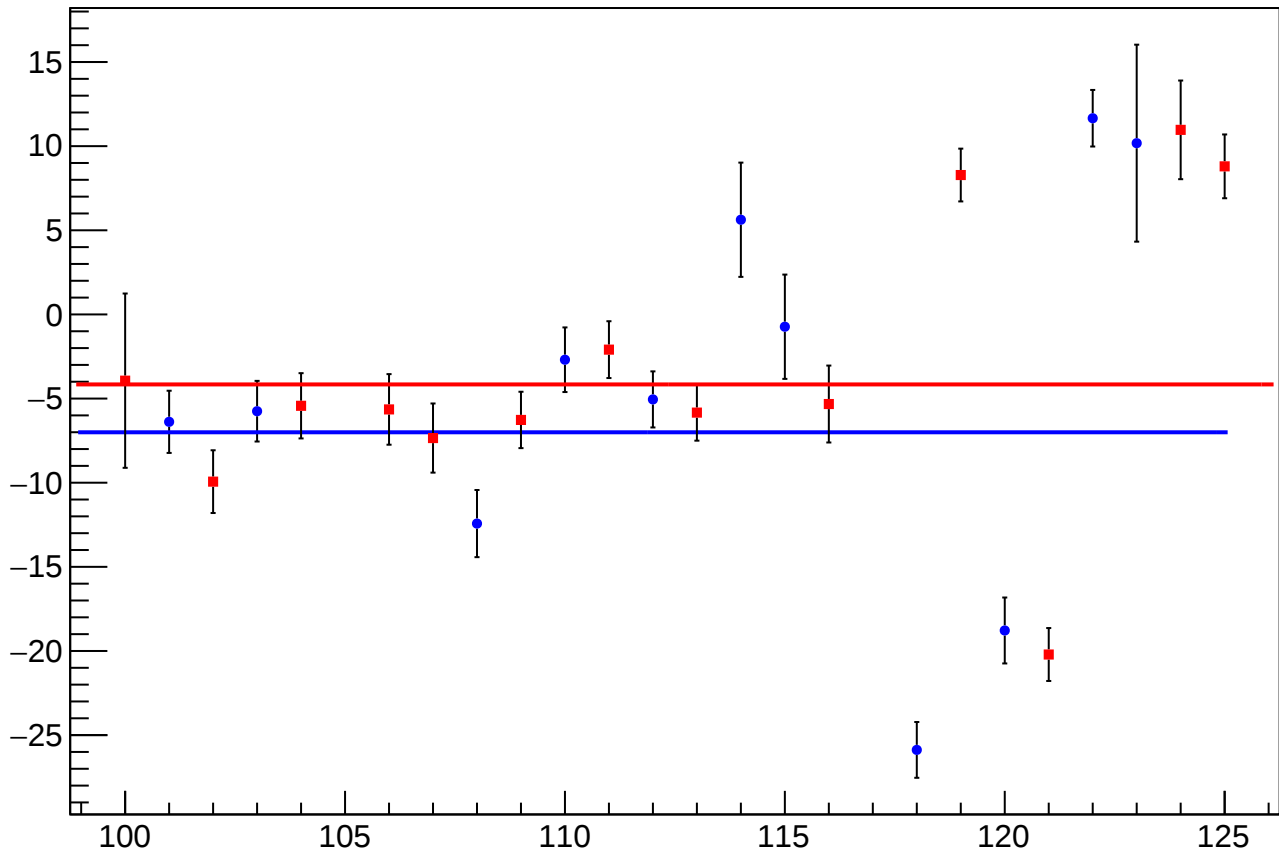
Right: 7717.301+/-1.881 χ^2/NDF : 464586.1/23

In: 7909.646+/-2.873 χ^2/NDF : 167969.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7717.301+/-1.881 χ^2/NDF : 464586.1/23

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -7.004 ± 0.611 χ^2/NDF : 330.0/10

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

Right Out: -4.160 ± 0.533 χ^2/NDF : 257.8/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

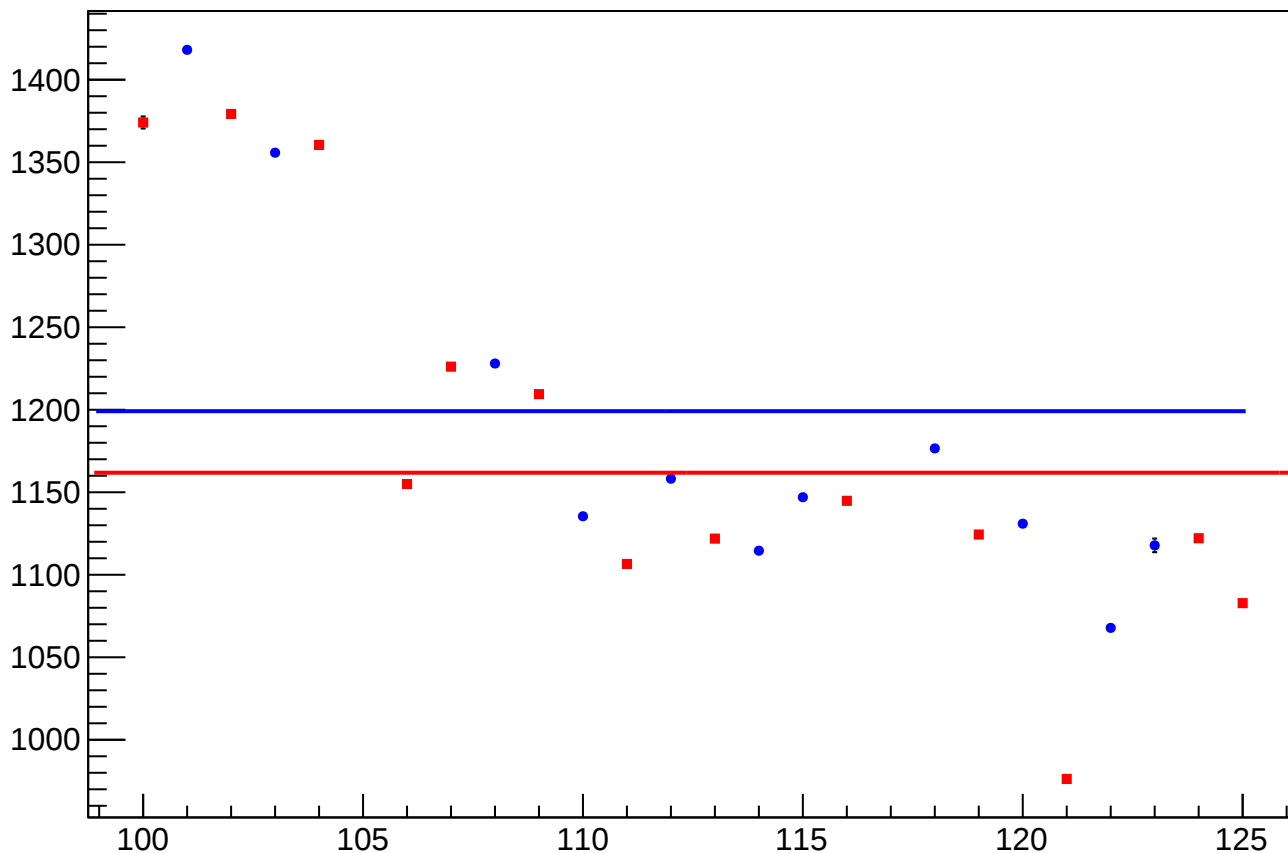
Right: -5.390 ± 0.402 χ^2/NDF : 600.1/23

In: -7.004 ± 0.611 χ^2/NDF : 330.0/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.390 ± 0.402 χ^2/NDF : 600.1/23

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1199.133+/-0.432 χ^2/NDF : 64213.6/10

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

Right Out: 1161.850+/-0.377 χ^2/NDF : 91381.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

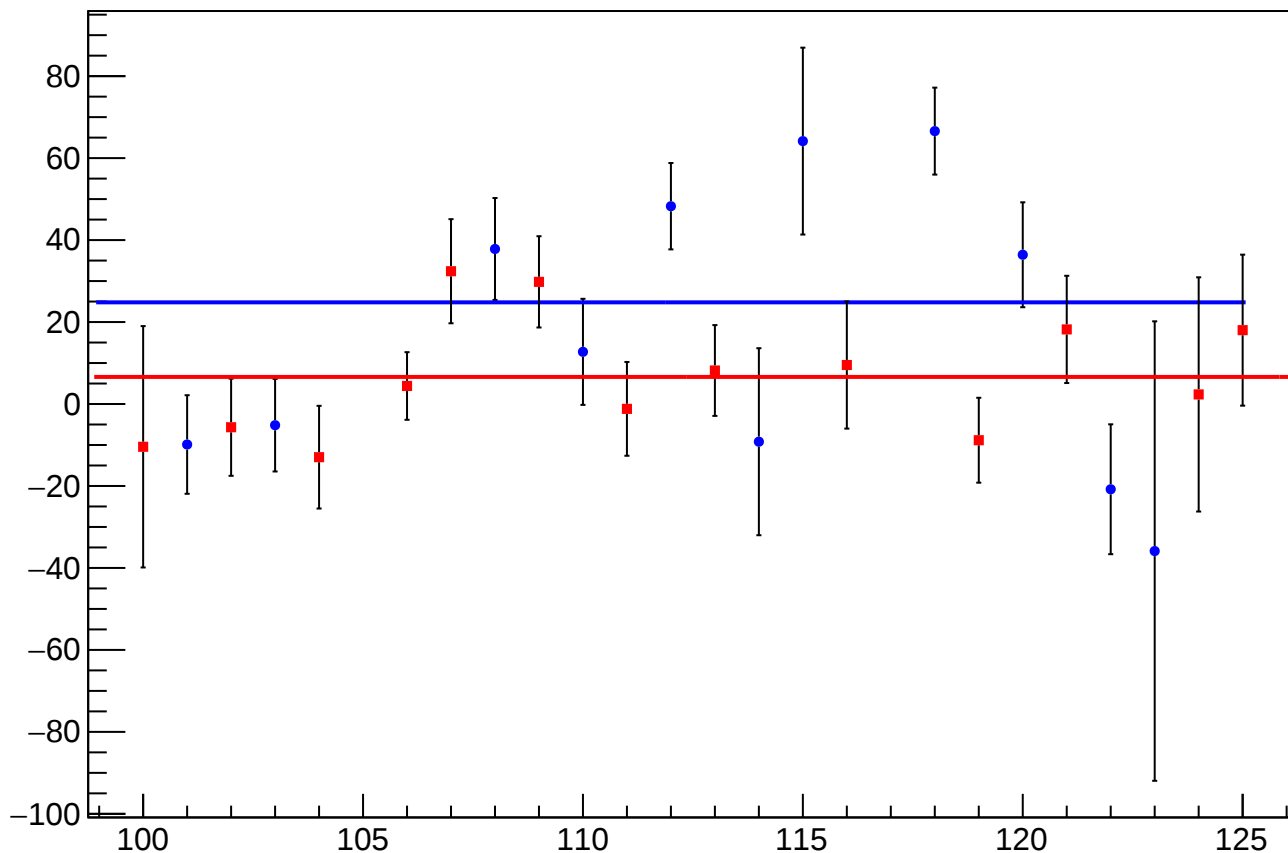
Right: 1177.973+/-0.284 χ^2/NDF : 159825.9/23

In: 1199.133+/-0.432 χ^2/NDF : 64213.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1177.973+/-0.284 χ^2/NDF : 159825.9/23

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: 24.806+/-4.105 χ^2/NDF : 53.3/10

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

Right Out: 6.612+/-3.474 χ^2/NDF : 16.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

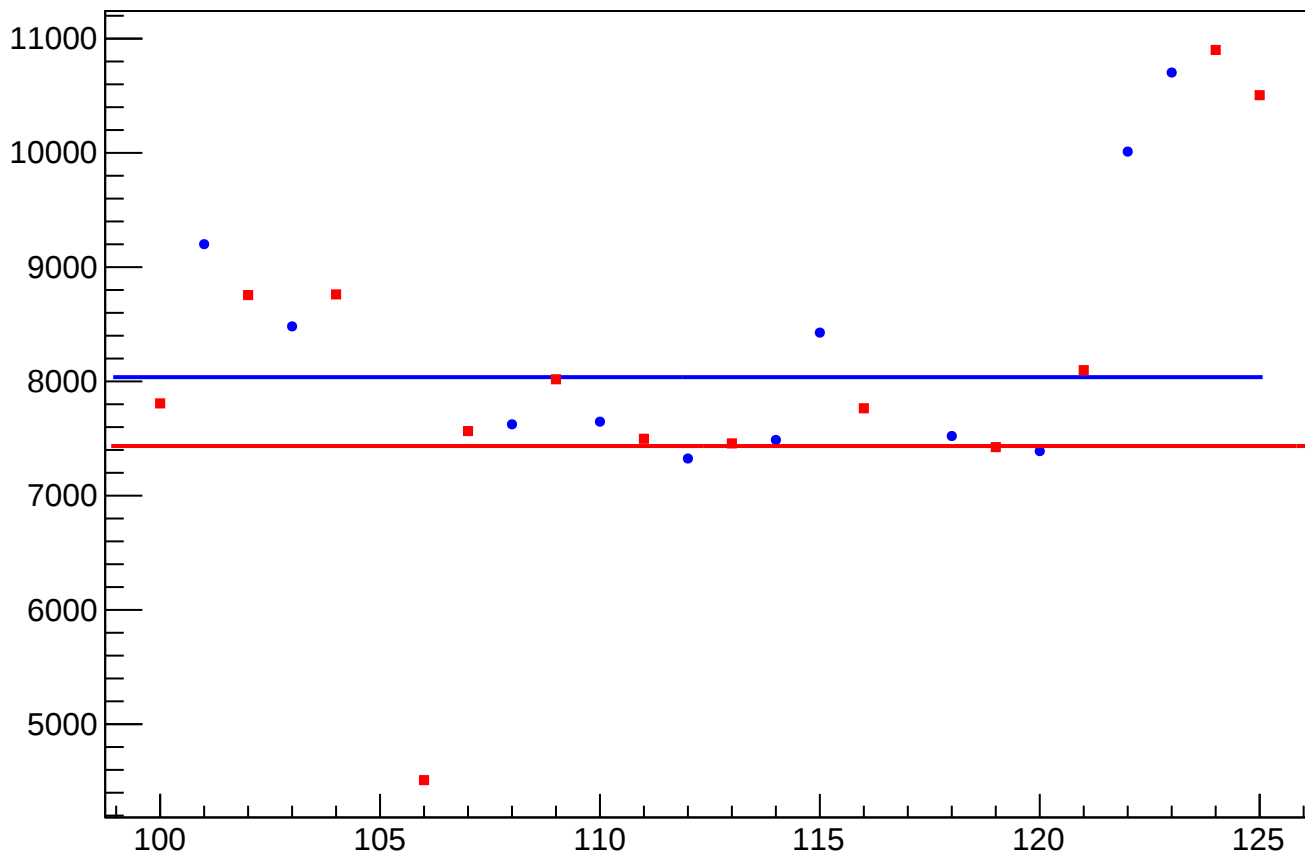
Right: 14.204+/-2.652 χ^2/NDF : 81.0/23

In: 24.806+/-4.105 χ^2/NDF : 53.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.204+/-2.652 χ^2/NDF : 81.0/23

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 8037.289+/-2.903 χ^2/NDF : 82115.9/10

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

Right Out: 7434.405+/-2.456 χ^2/NDF : 395606.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

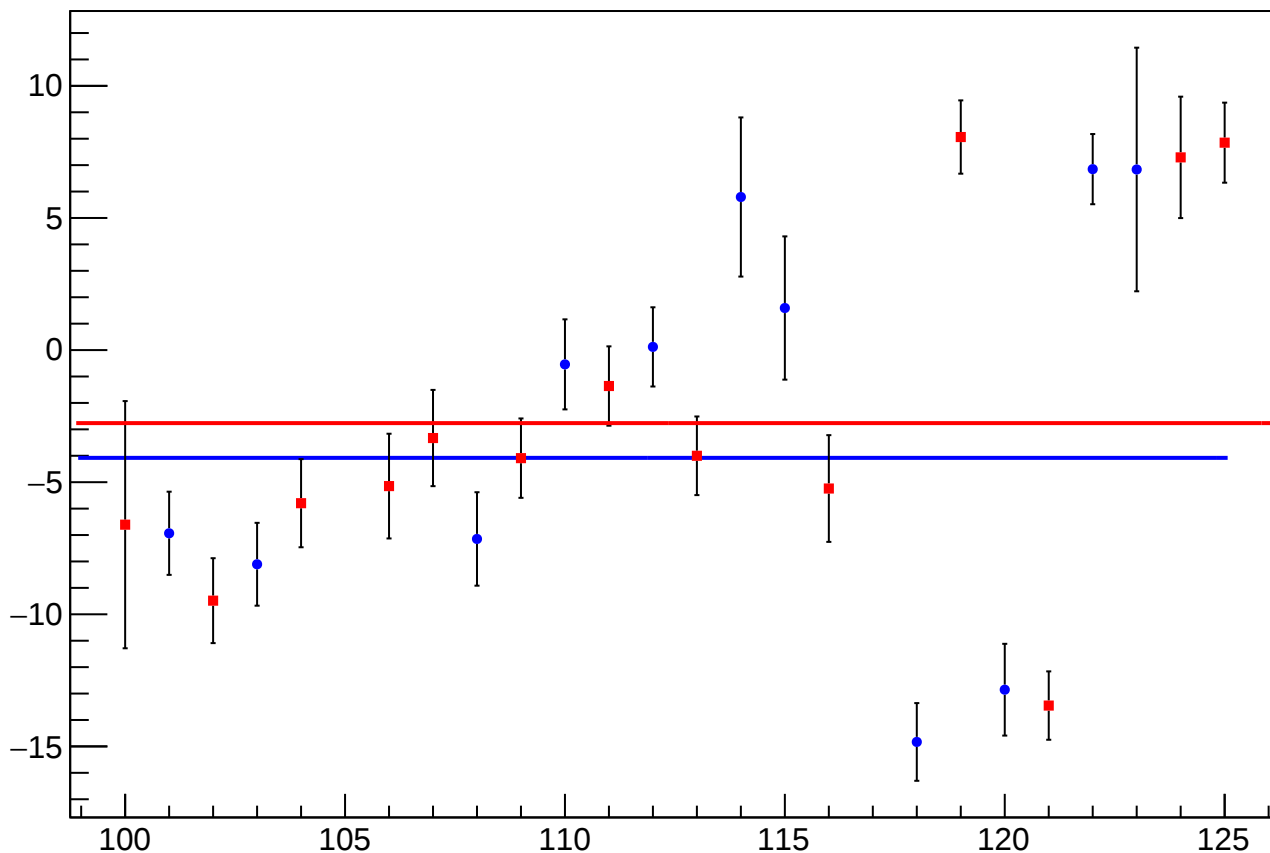
Right: 7685.968+/-1.875 χ^2/NDF : 502856.7/23

In: 8037.289+/-2.903 χ^2/NDF : 82115.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7685.968+/-1.875 χ^2/NDF : 502856.7/23

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -4.079+/-0.529 χ^2/NDF : 192.4/10

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

Right Out: -2.764+/-0.463 χ^2/NDF : 224.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

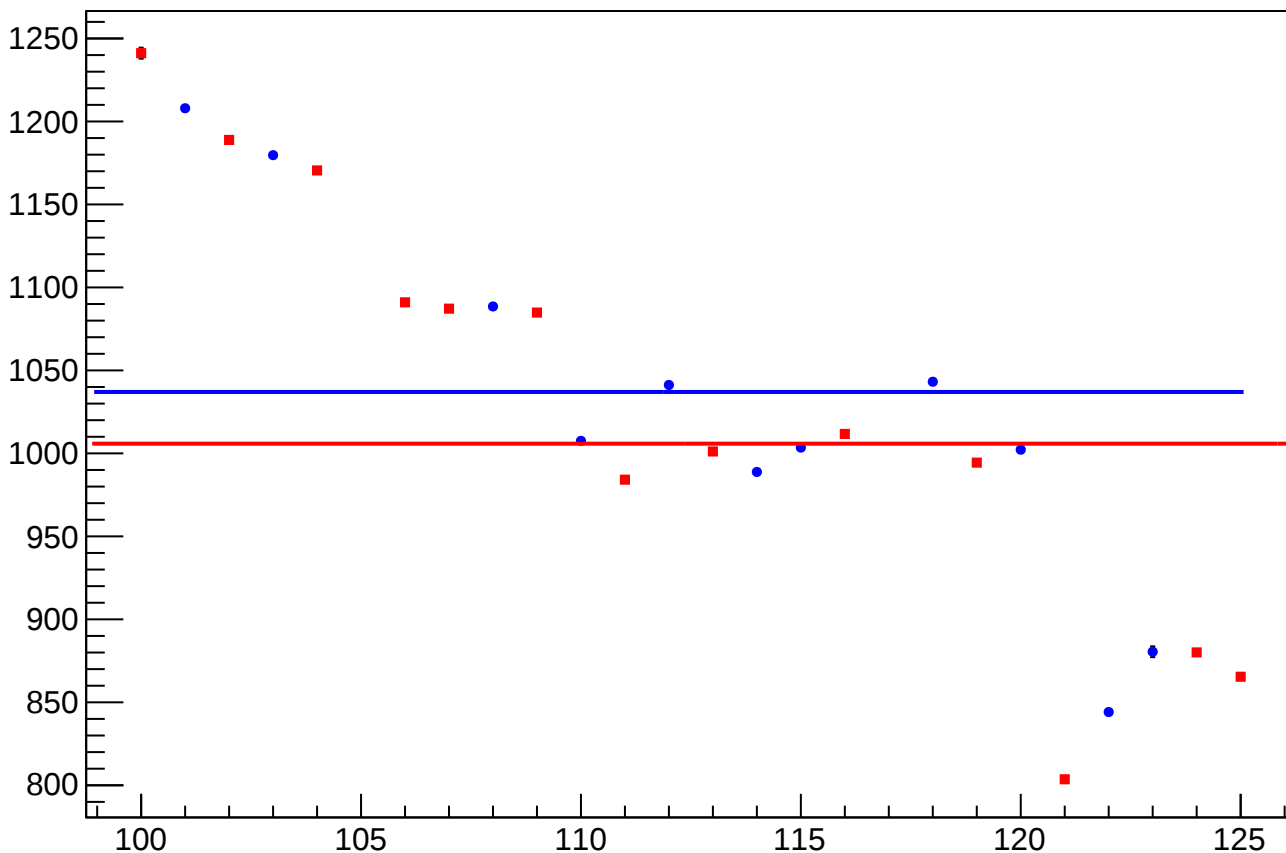
Right: -3.334+/-0.348 χ^2/NDF : 420.2/23

In: -4.079+/-0.529 χ^2/NDF : 192.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.334+/-0.348 χ^2/NDF : 420.2/23

diff_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 1037.014+/-0.374 χ^2/NDF : 88588.6/10

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

Right Out: 1005.851+/-0.327 χ^2/NDF : 136317.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

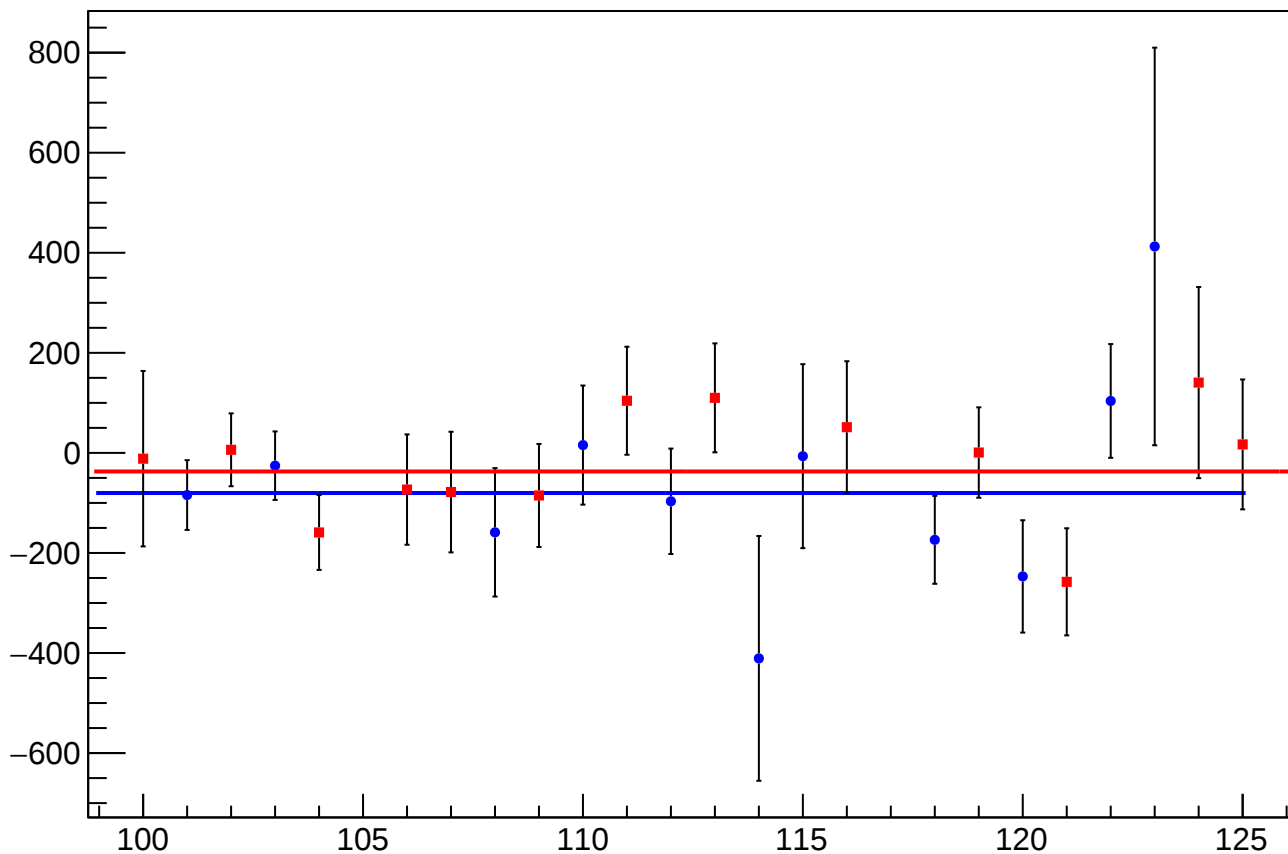
Right: 1019.353+/-0.246 χ^2/NDF : 228839.2/23

In: 1037.014+/-0.374 χ^2/NDF : 88588.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1019.353+/-0.246 χ^2/NDF : 228839.2/23

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -80.184+/-31.961 χ^2/NDF : 11.2/10

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

Right Out: -37.141+/-29.241 χ^2/NDF : 12.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

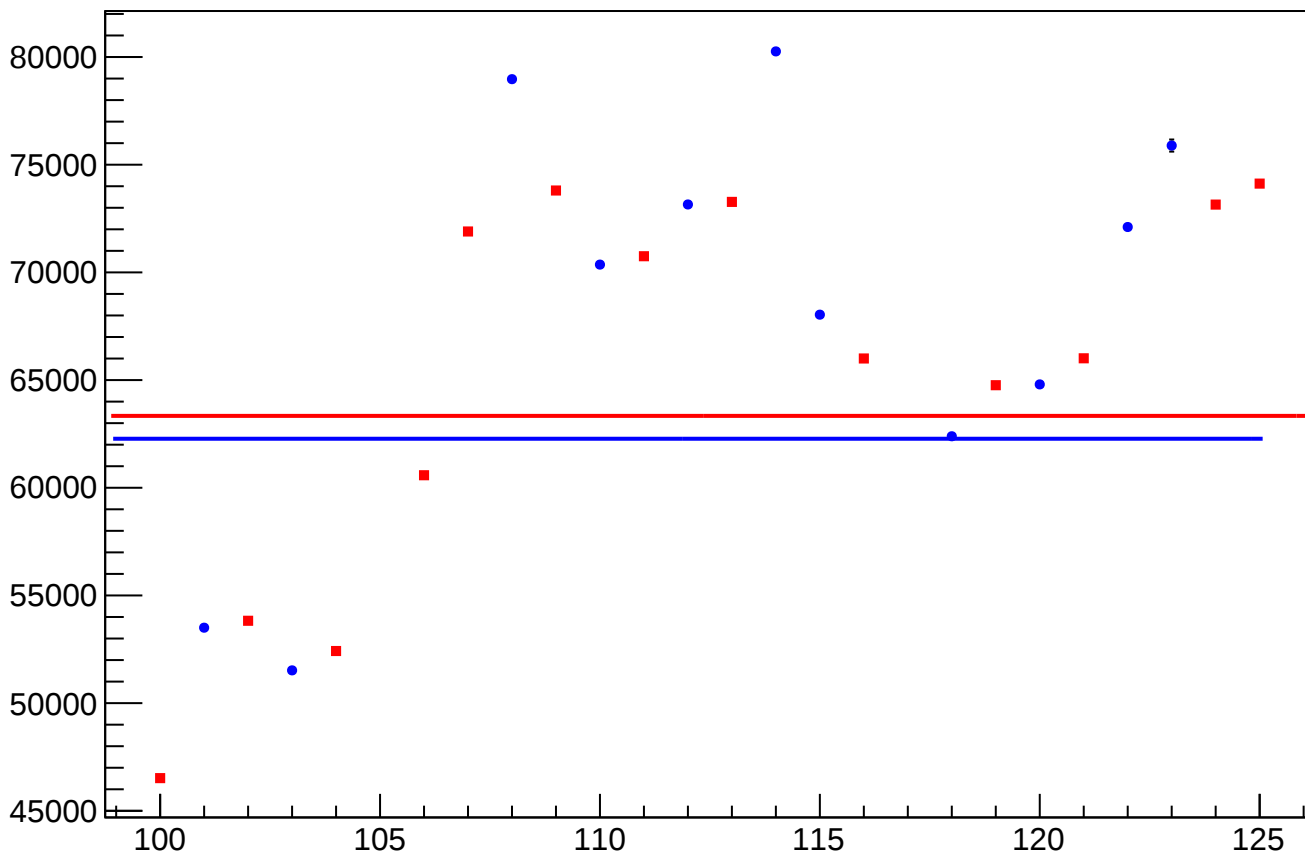
Right: -56.754+/-21.574 χ^2/NDF : 25.1/23

In: -80.184+/-31.961 χ^2/NDF : 11.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.754+/-21.574 χ^2/NDF : 25.1/23

diff_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 62276.060+/-22.600 χ^2/NDF : 176430.5/10

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

Right Out: 63337.515+/-20.677 χ^2/NDF : 174874.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

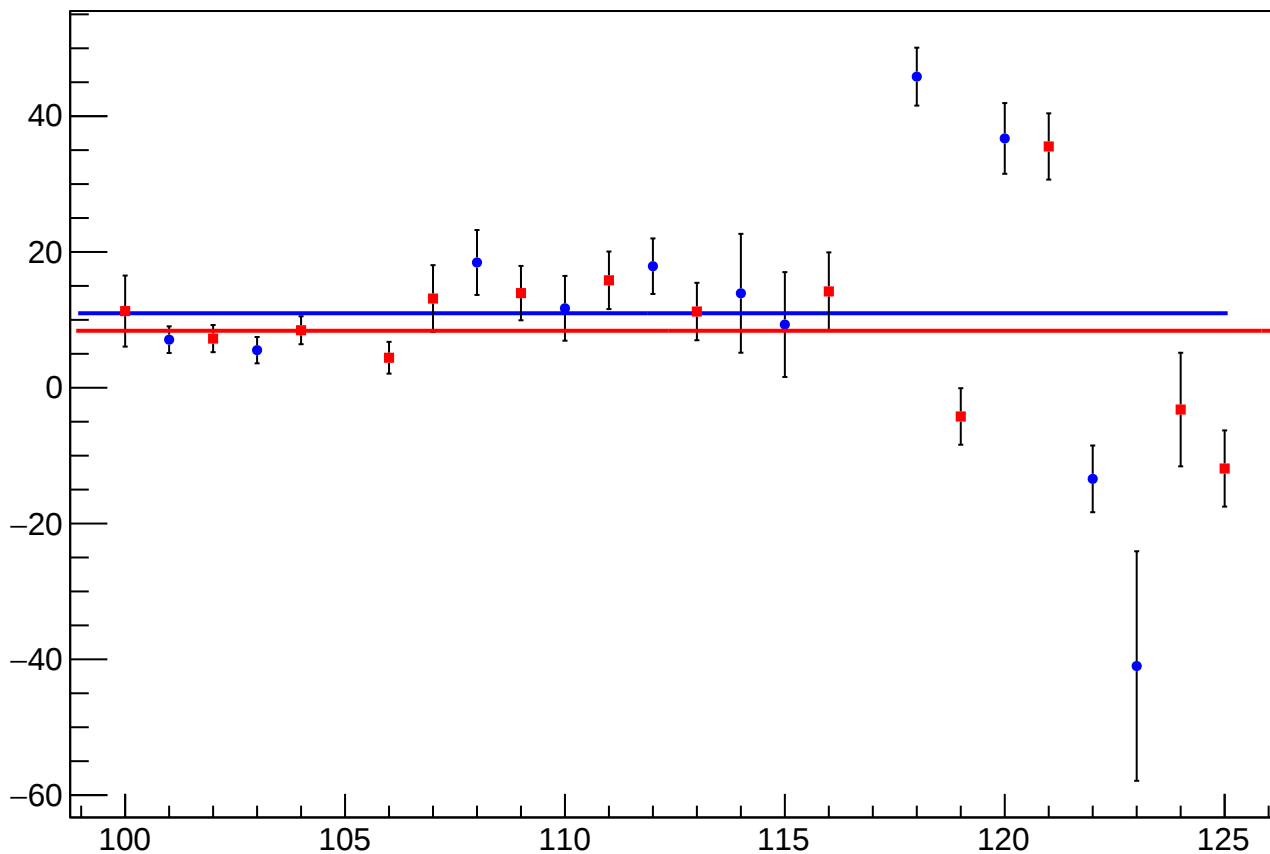
Right: 62853.871+/-15.255 χ^2/NDF : 352505.3/23

In: 62276.060+/-22.600 χ^2/NDF : 176430.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62853.871+/-15.255 χ^2/NDF : 352505.3/23

diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 10.974+/-1.091 χ^2/NDF : 142.6/10

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

Right Out: 8.396+/-0.955 χ^2/NDF : 66.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

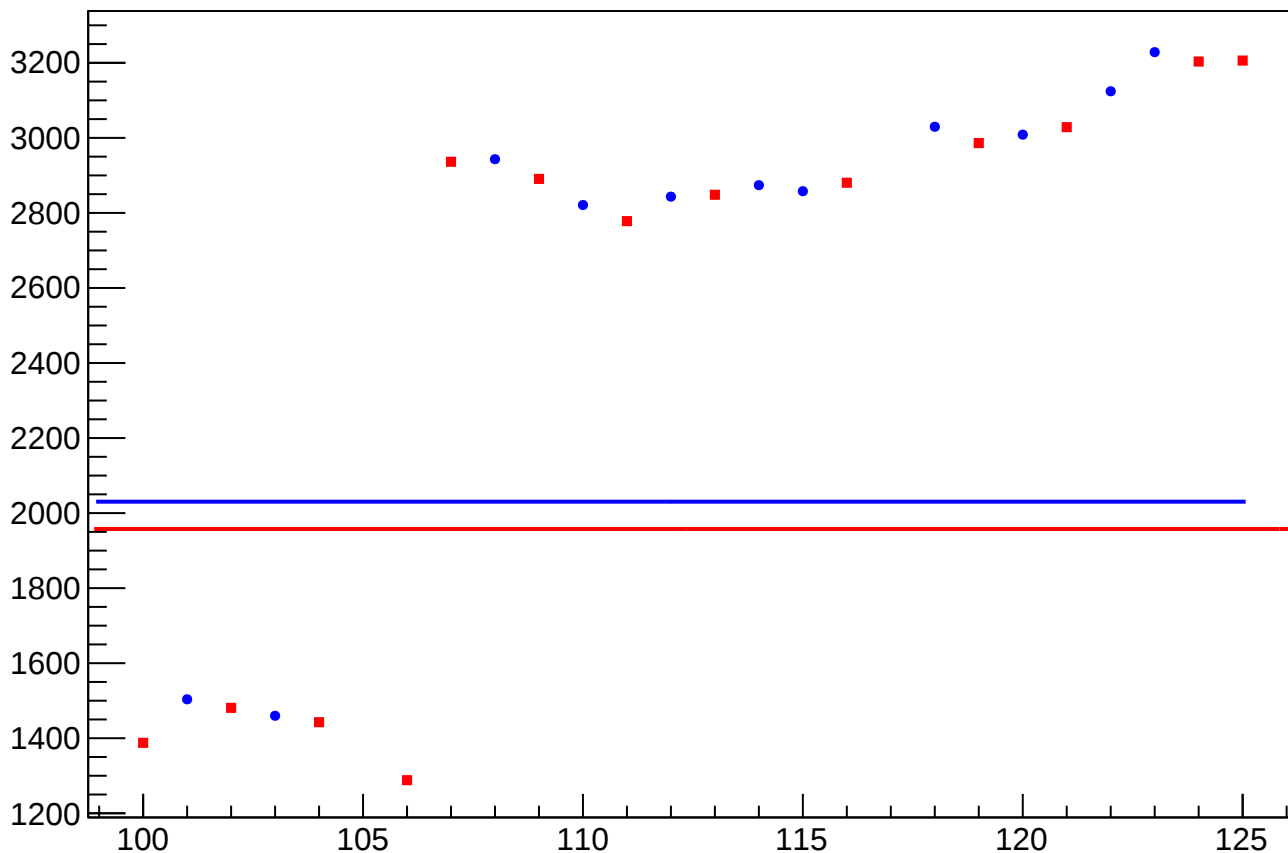
Right: 9.514+/-0.719 χ^2/NDF : 211.8/23

In: 10.974+/-1.091 χ^2/NDF : 142.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.514+/-0.719 χ^2/NDF : 211.8/23

diff_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 2030.471+/-0.771 χ^2 /NDF: 855258.8/10

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

Right Out: 1957.673+/-0.675 χ^2 /NDF: 1190855.7/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

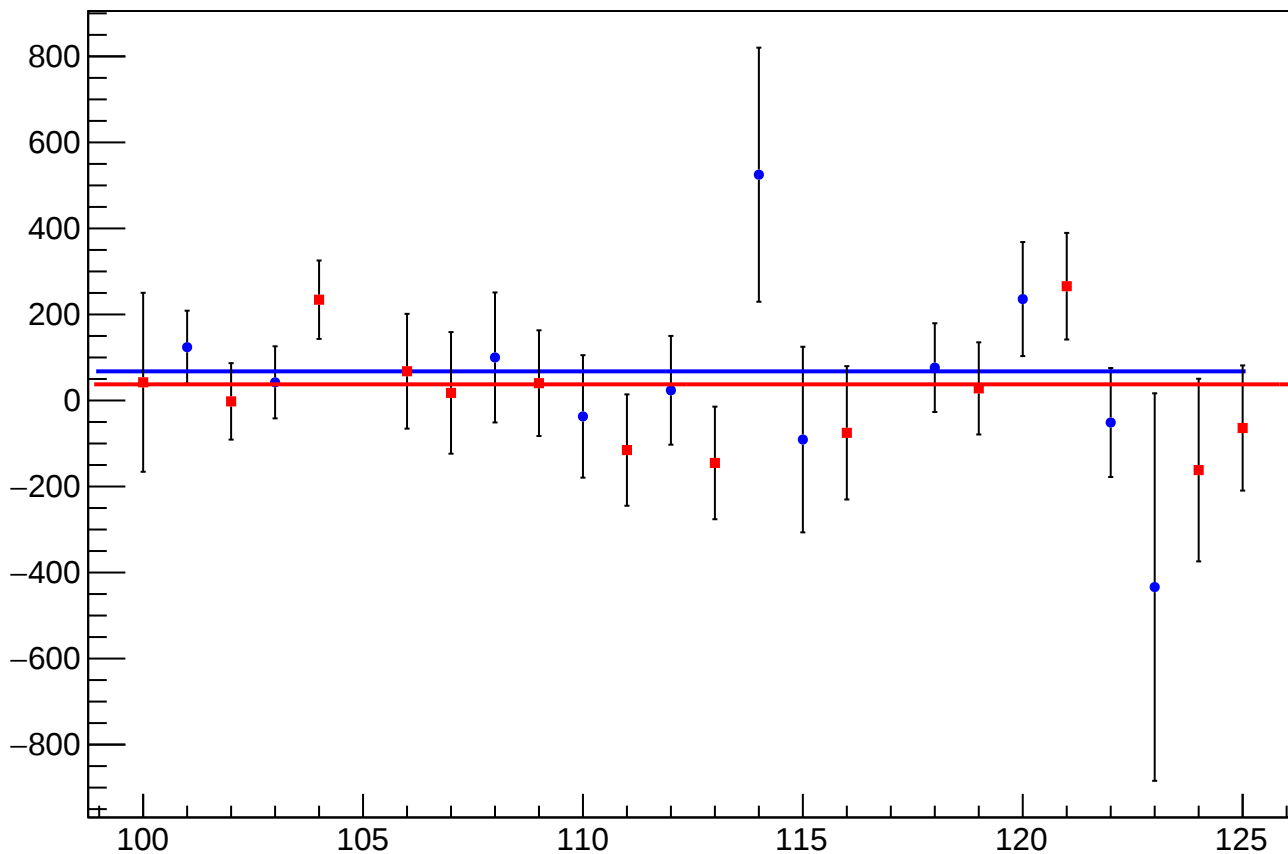
Right: 1989.254+/-0.508 χ^2 /NDF: 2051155.6/23

In: 2030.471+/-0.771 χ^2 /NDF:855258.8/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1989.254+/-0.508 χ^2 /NDF: 2051155.6/23

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 67.733+/-38.114 χ^2/NDF : 7.9/10

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

Right Out: 37.550+/-34.840 χ^2/NDF : 13.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

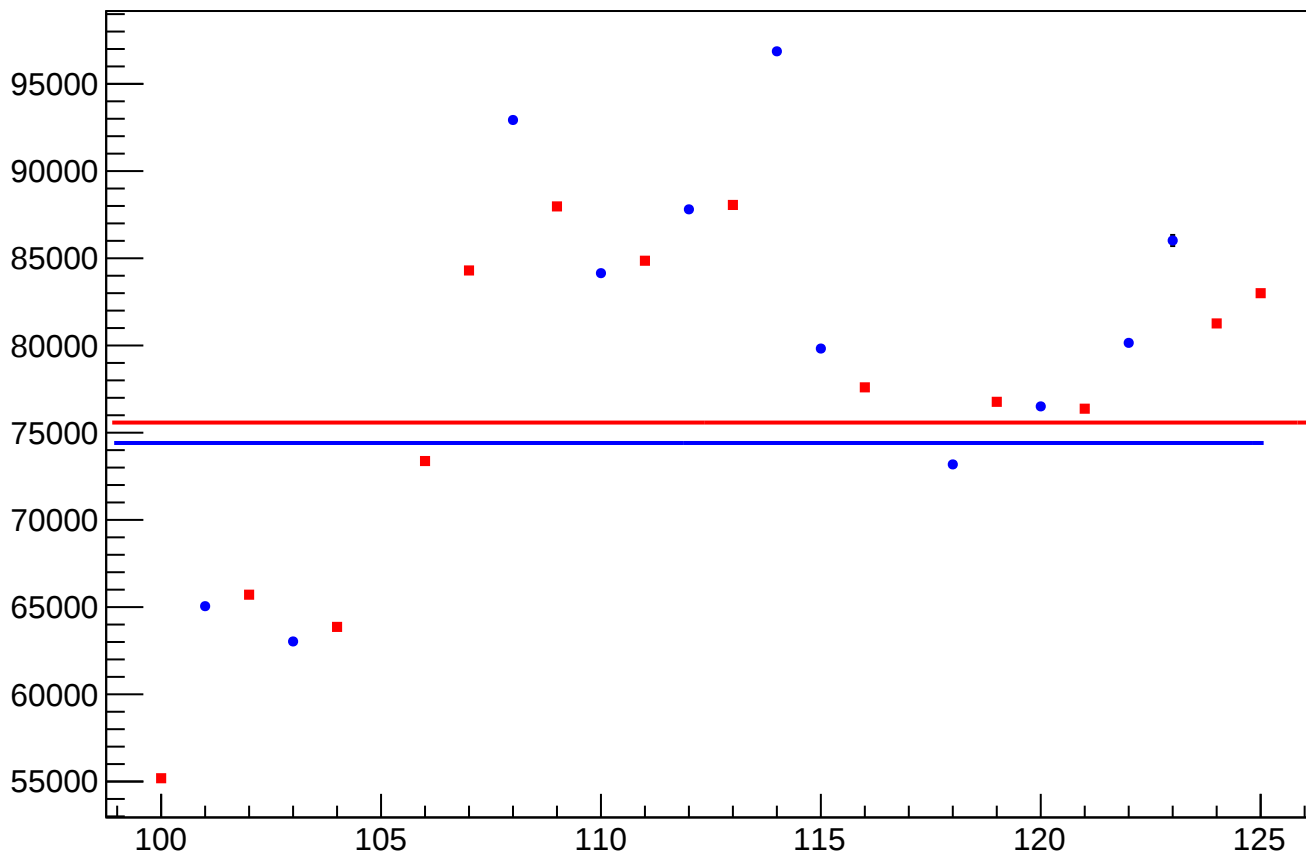
Right: 51.290+/-25.715 χ^2/NDF : 21.8/23

In: 67.733+/-38.114 χ^2/NDF : 7.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.290+/-25.715 χ^2/NDF : 21.8/23

diff_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 74410.086+/-26.951 χ^2/NDF : 142138.2/10

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

Right Out: 75581.032+/-24.635 χ^2/NDF : 141176.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

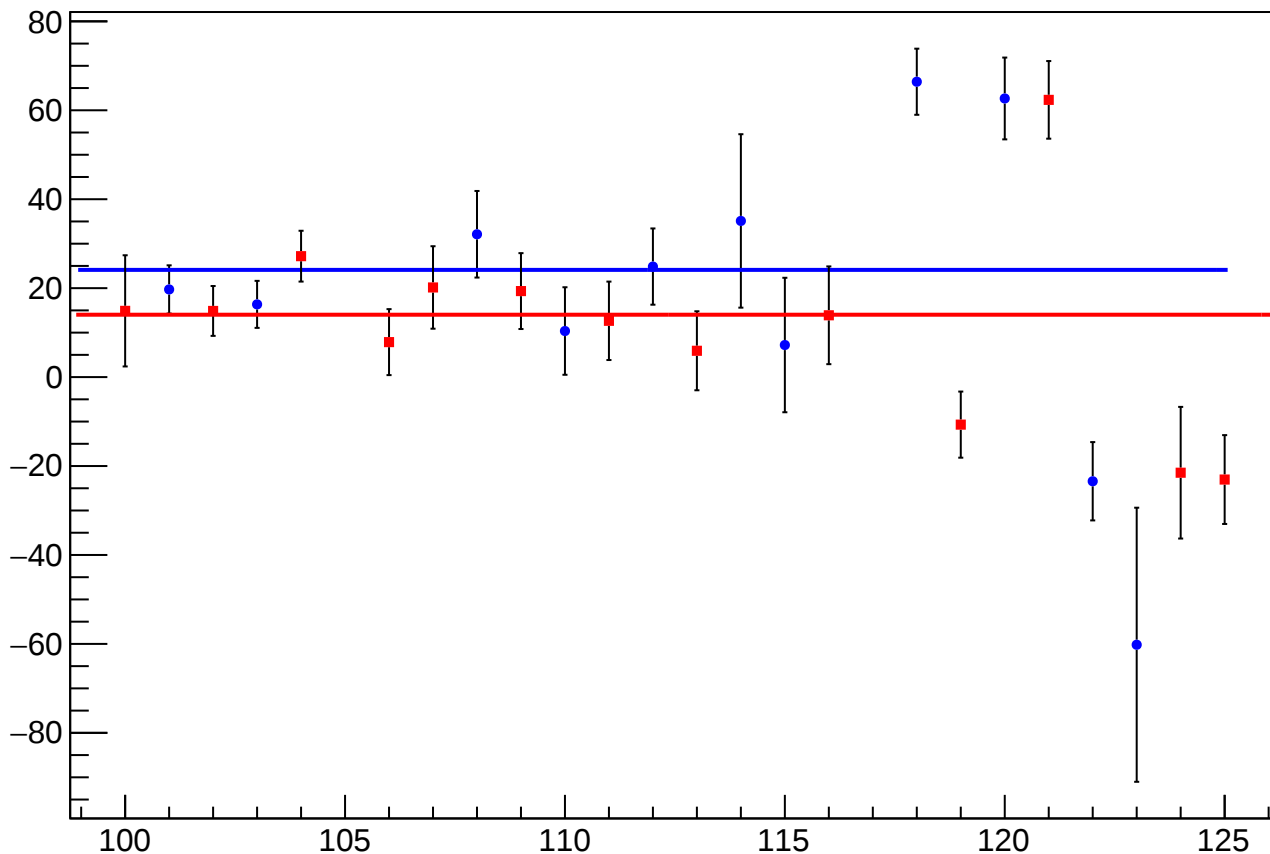
Right: 75048.013+/-18.183 χ^2/NDF : 284342.6/23

In: 74410.086+/-26.951 χ^2/NDF : 142138.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75048.013+/-18.183 χ^2/NDF : 284342.6/23

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 24.109+/-2.539 χ^2/NDF : 93.6/10

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

Right Out: 14.027+/-2.282 χ^2/NDF : 68.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

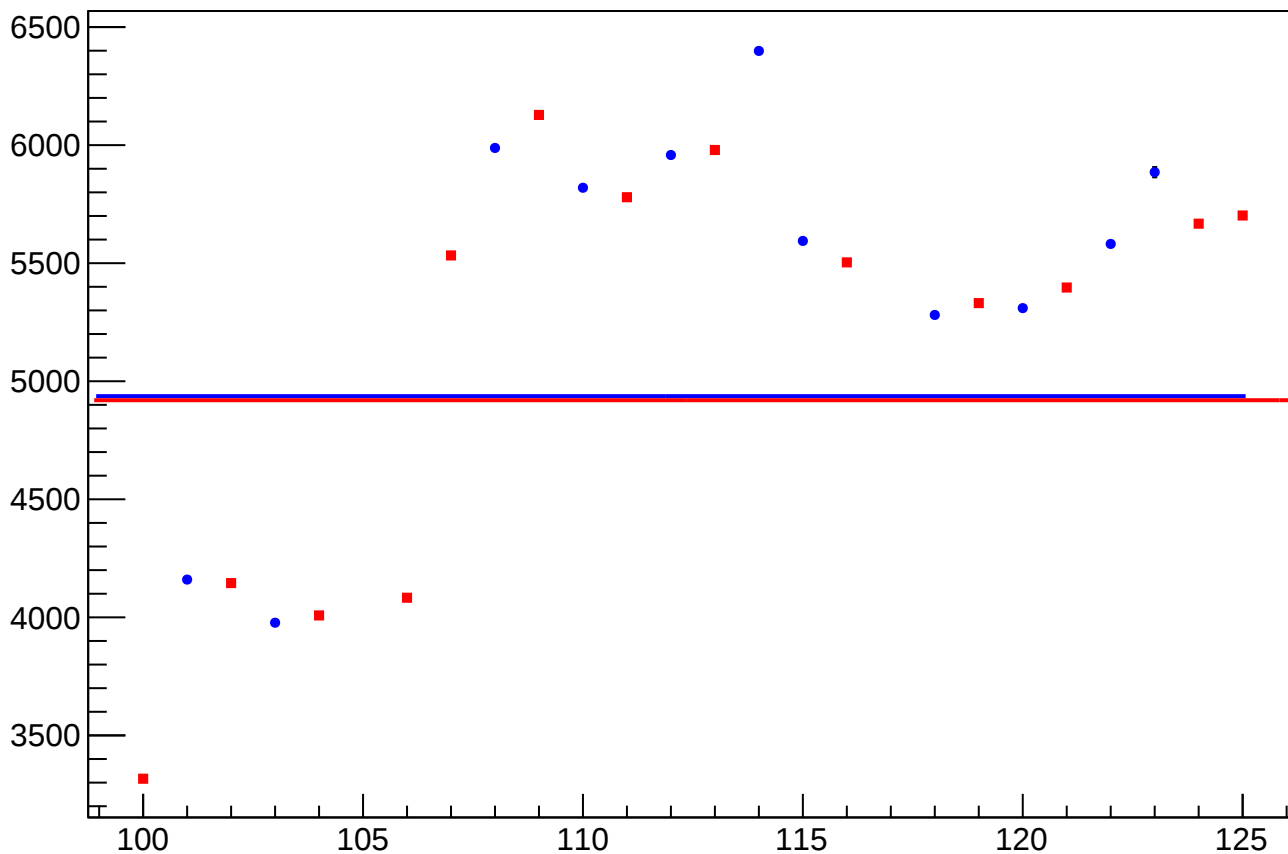
Right: 18.533+/-1.697 χ^2/NDF : 171.2/23

In: 24.109+/-2.539 χ^2/NDF : 93.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.533+/-1.697 χ^2/NDF : 171.2/23

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 4936.850+/-1.795 χ^2/NDF : 209947.7/10

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

Right Out: 4919.586+/-1.614 χ^2/NDF : 278861.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

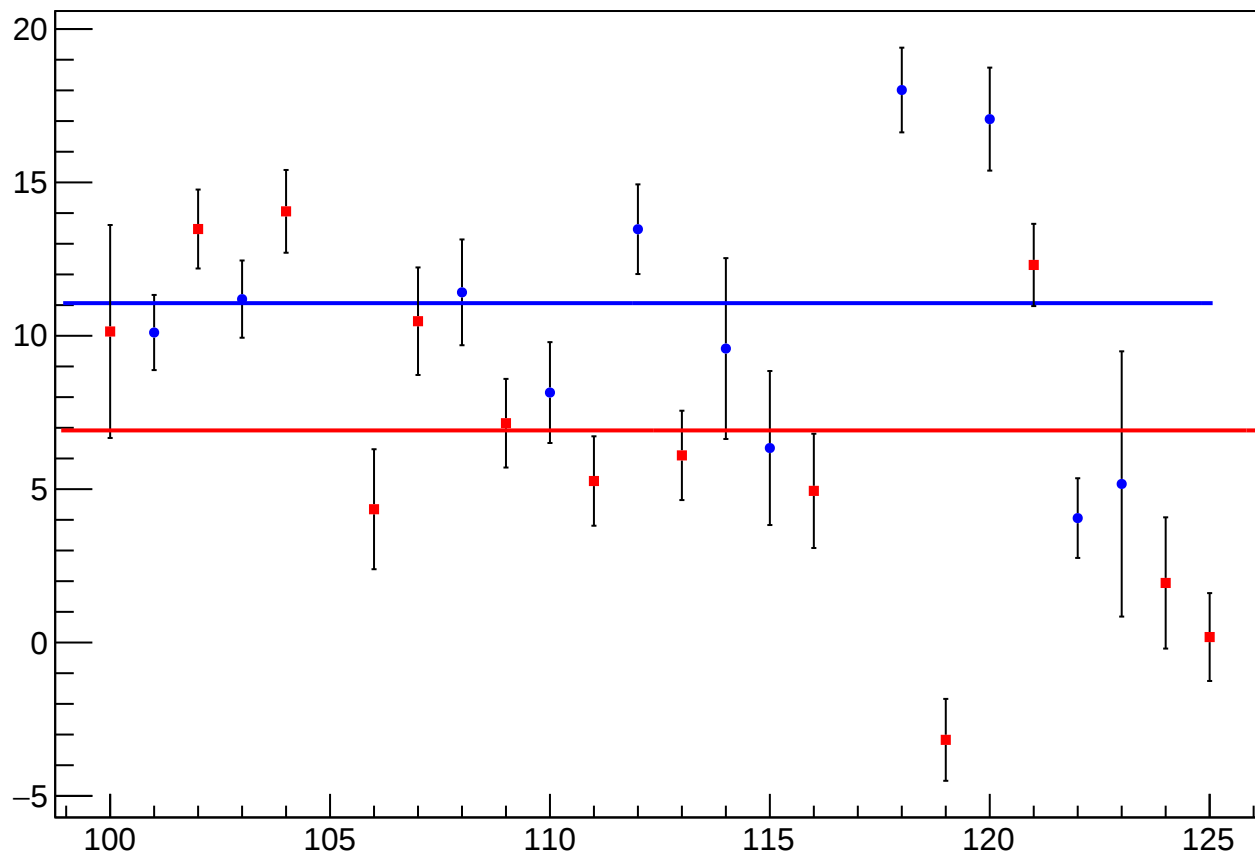
Right: 4927.301+/-1.200 χ^2/NDF : 488860.5/23

In: 4936.850+/-1.795 χ^2/NDF : 209947.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4927.301+/-1.200 χ^2/NDF : 488860.5/23

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 11.064 $\pm$ 0.484 χ^2 /NDF: 79.4/10

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

Right Out: 6.915 $\pm$ 0.432 χ^2 /NDF: 164.3/12

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

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

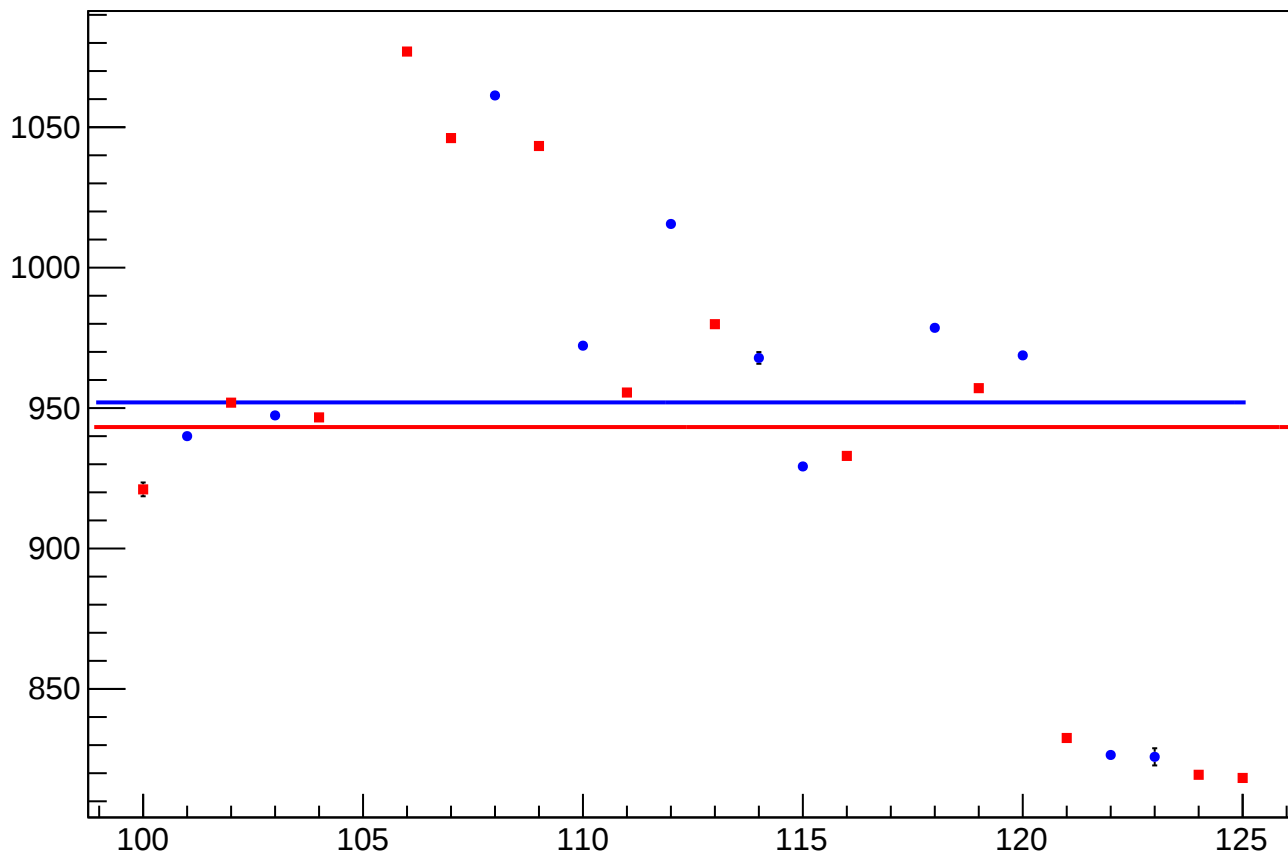
Right: 8.755 $\pm$ 0.322 χ^2 /NDF: 284.6/23

In: 11.064 $\pm$ 0.484 χ^2 /NDF:79.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 8.755 $\pm$ 0.322 χ^2 /NDF: 284.6/23

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 952.019+/-0.342 χ^2/NDF : 33871.0/10

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

Right Out: 943.243+/-0.306 χ^2/NDF : 63251.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

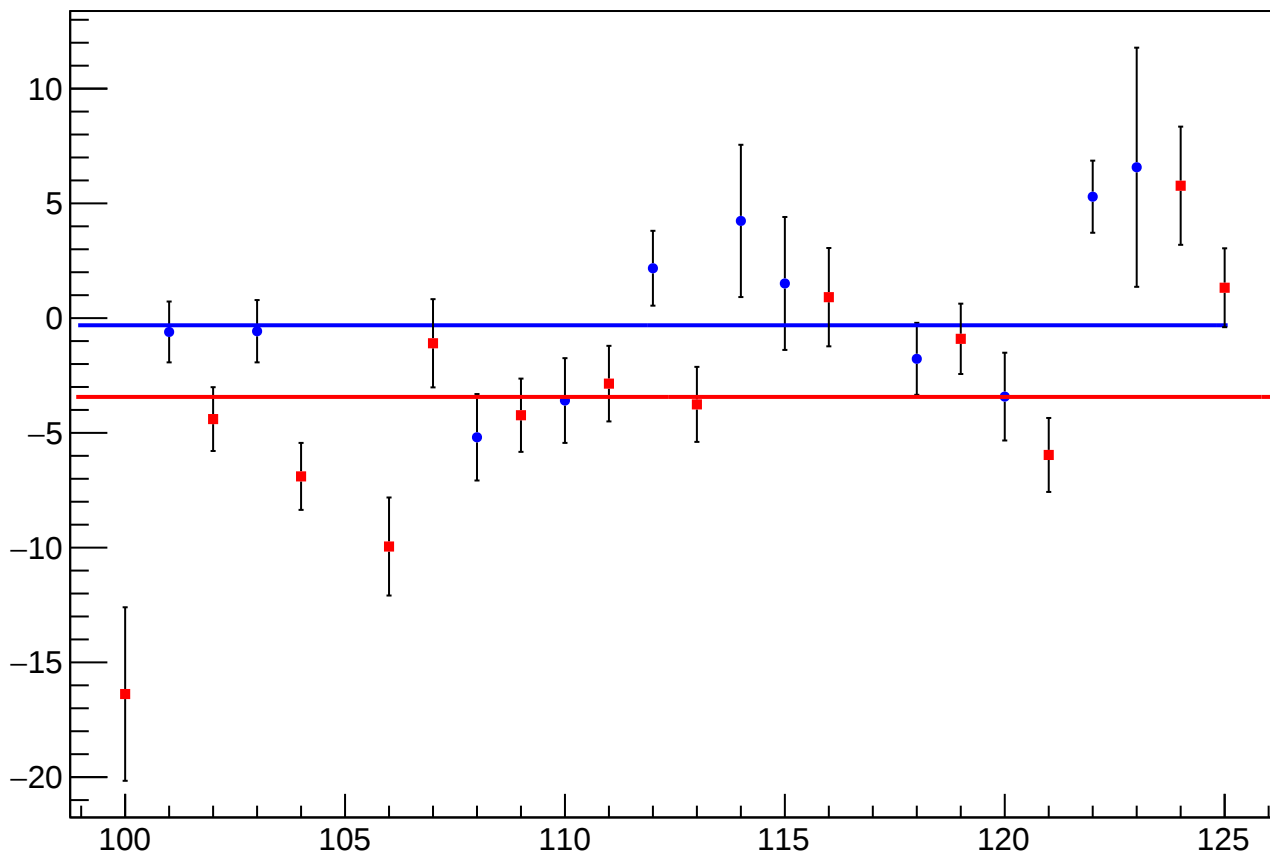
Right: 947.136+/-0.228 χ^2/NDF : 97488.7/23

In: 952.019+/-0.342 χ^2/NDF : 33871.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 947.136+/-0.228 χ^2/NDF : 97488.7/23

diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -0.311+/-0.543 χ^2/NDF : 32.5/10

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

Right Out: -3.433+/-0.488 χ^2/NDF : 58.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

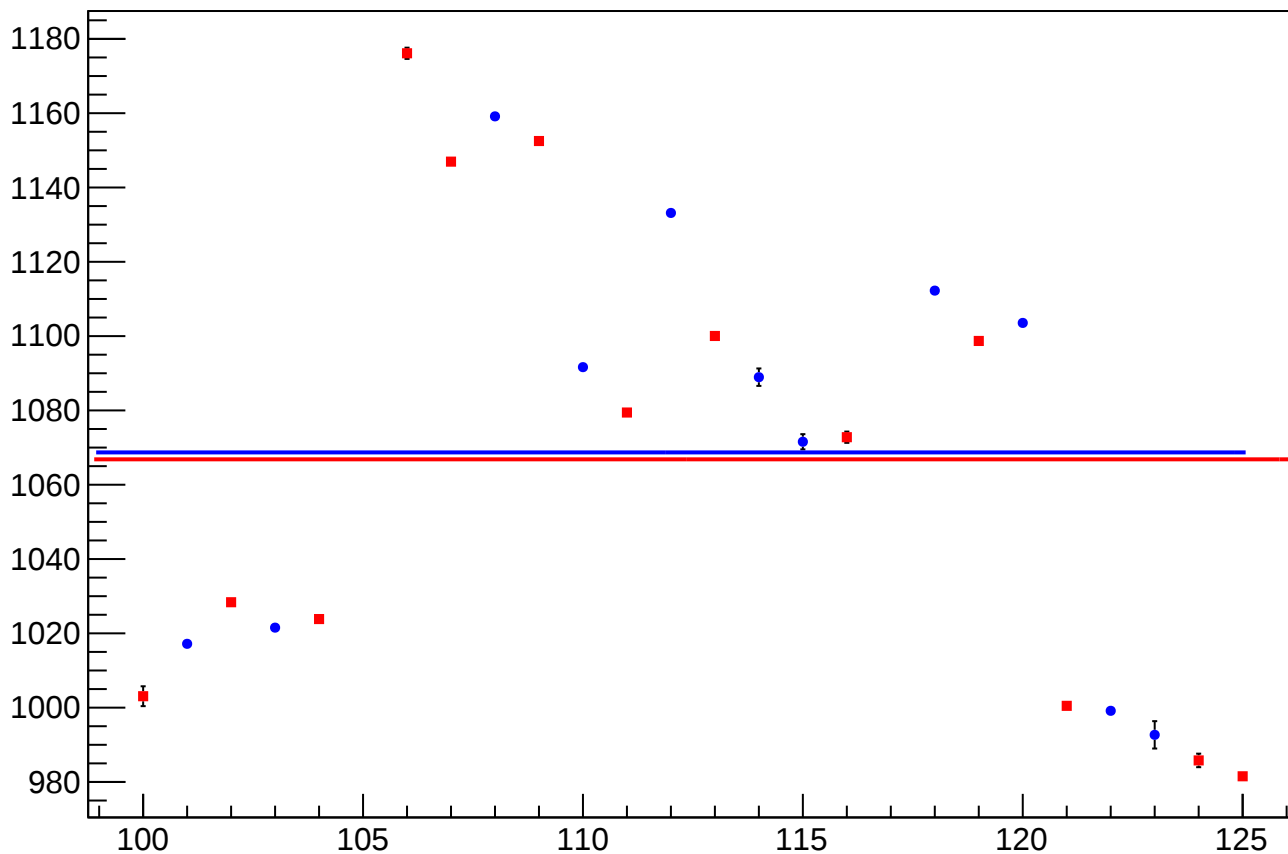
Right: -2.038+/-0.363 χ^2/NDF : 109.6/23

In: -0.311+/-0.543 χ^2/NDF : 32.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.038+/-0.363 χ^2/NDF : 109.6/23

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 1068.699 $\pm$ 0.384 χ^2 /NDF: 20110.9/10

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

Right Out: 1066.835 $\pm$ 0.345 χ^2 /NDF: 30433.5/12

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

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

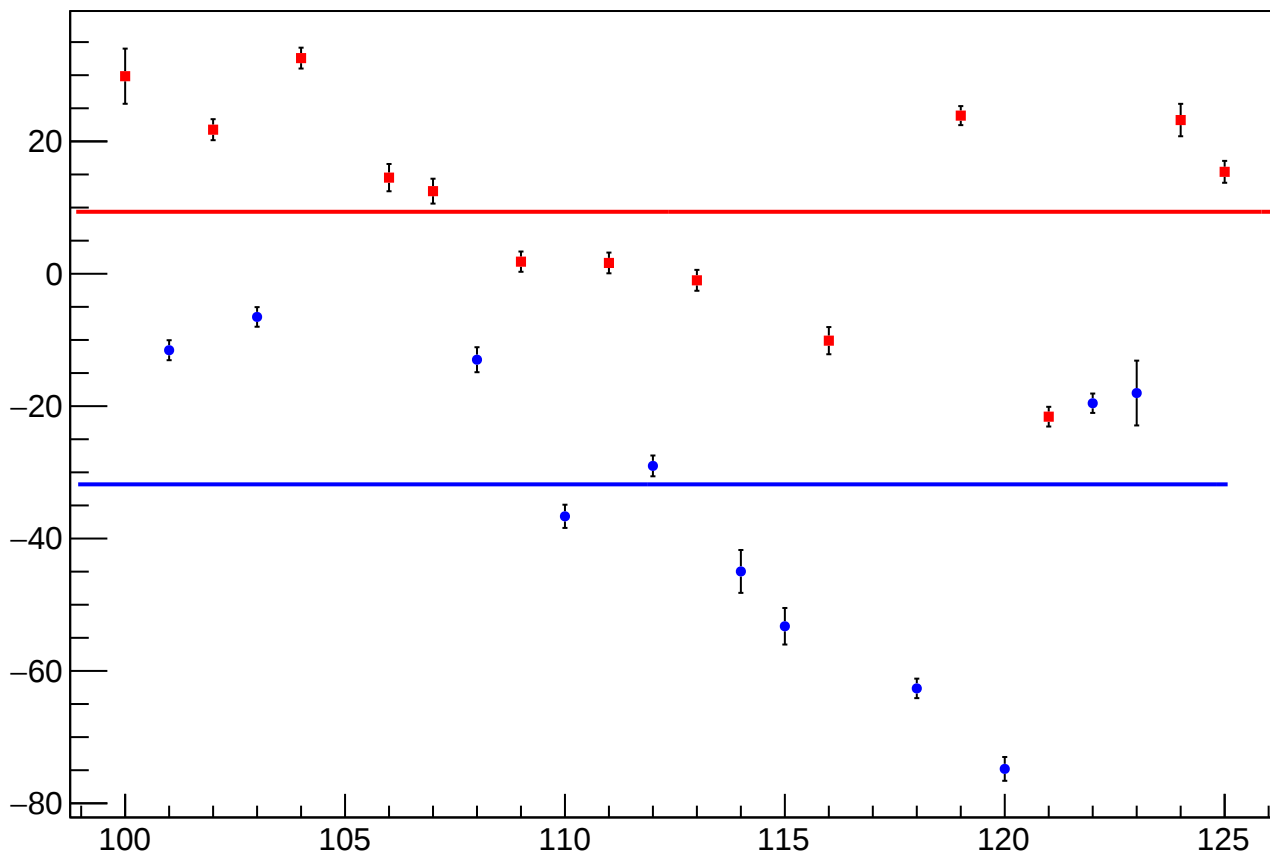
Right: 1067.668 $\pm$ 0.257 χ^2 /NDF: 50557.4/23

In: 1068.699 $\pm$ 0.384 χ^2 /NDF:20110.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1067.668 $\pm$ 0.257 χ^2 /NDF: 50557.4/23

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -31.814 $\pm$ 0.541 χ^2 /NDF: 1746.6/10

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

Right Out: 9.365 $\pm$ 0.481 χ^2 /NDF: 1072.1/12

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

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

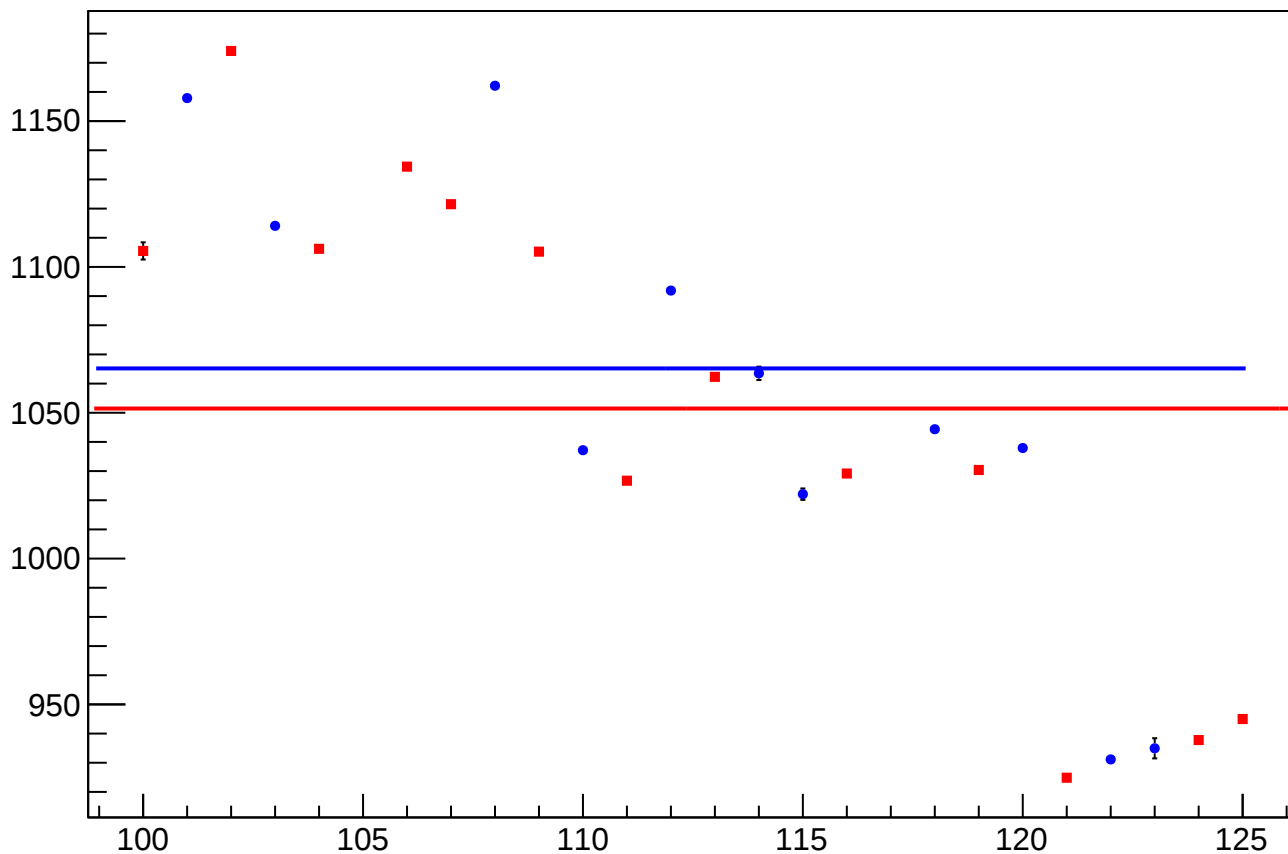
Right: -8.815 $\pm$ 0.360 χ^2 /NDF: 6049.5/23

In: -31.814 $\pm$ 0.541 χ^2 /NDF:1746.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -8.815 $\pm$ 0.360 χ^2 /NDF: 6049.5/23

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 1065.200+/-0.383 χ^2/NDF : 35632.2/10

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

Right Out: 1051.450+/-0.340 χ^2/NDF : 51476.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

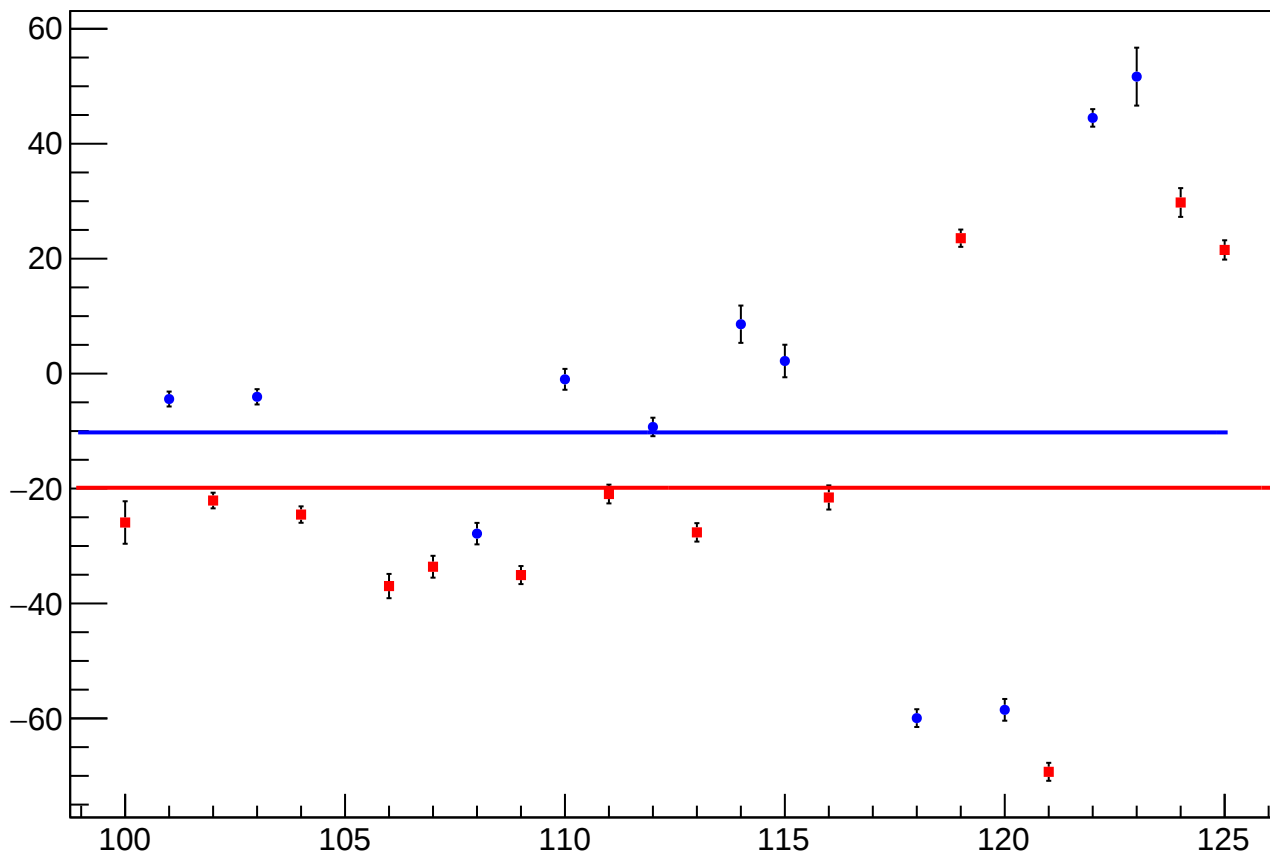
Right: 1057.520+/-0.254 χ^2/NDF : 87829.2/23

In: 1065.200+/-0.383 χ^2/NDF : 35632.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1057.520+/-0.254 χ^2/NDF : 87829.2/23

diff_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -10.234+/-0.533 χ^2/NDF : 3333.9/10

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

Right Out: -19.866+/-0.479 χ^2/NDF : 3084.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

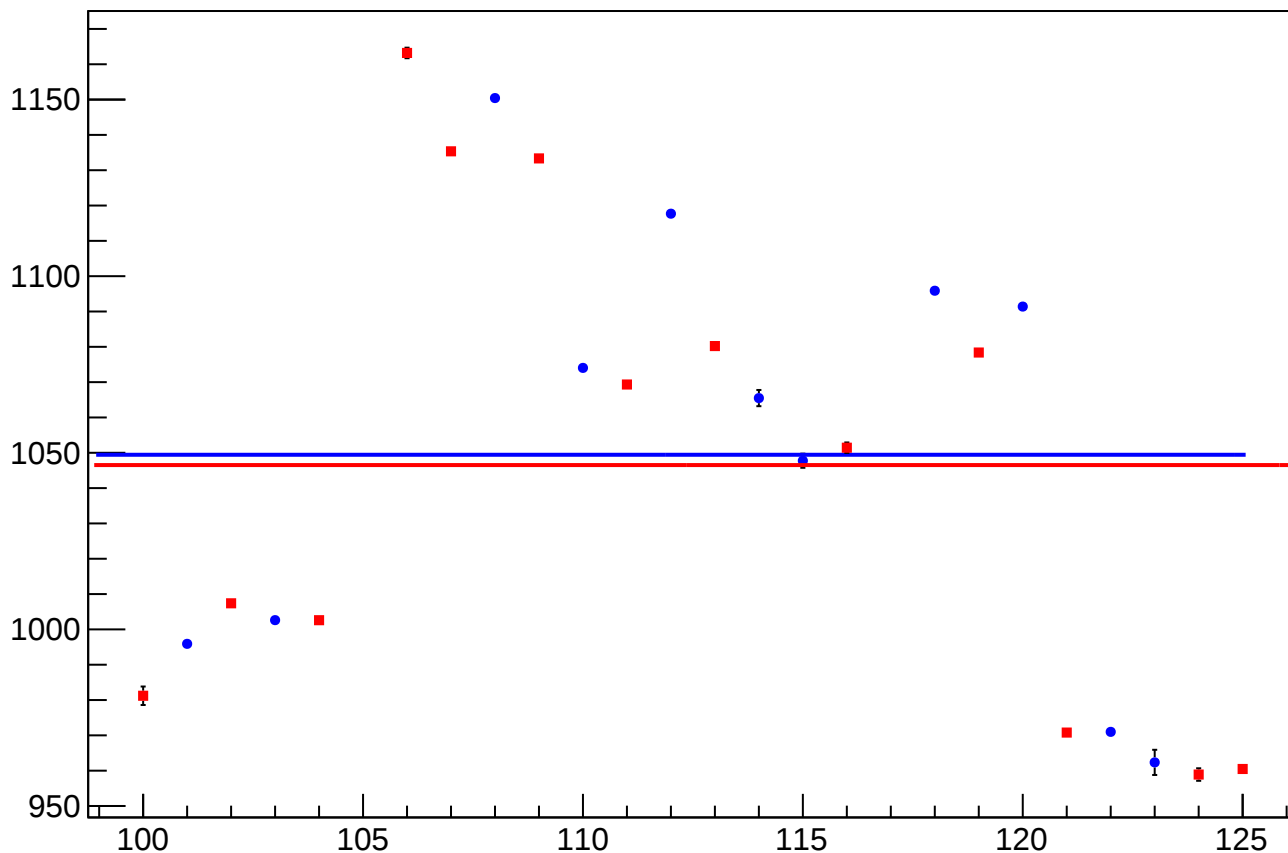
Right: -15.565+/-0.356 χ^2/NDF : 6599.0/23

In: -10.234+/-0.533 χ^2/NDF :3333.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -15.565+/-0.356 χ^2/NDF : 6599.0/23

diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 1049.439 $\pm$ 0.377 χ^2 /NDF: 24404.0/10

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

Right Out: 1046.523 $\pm$ 0.338 χ^2 /NDF: 35313.2/12

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

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

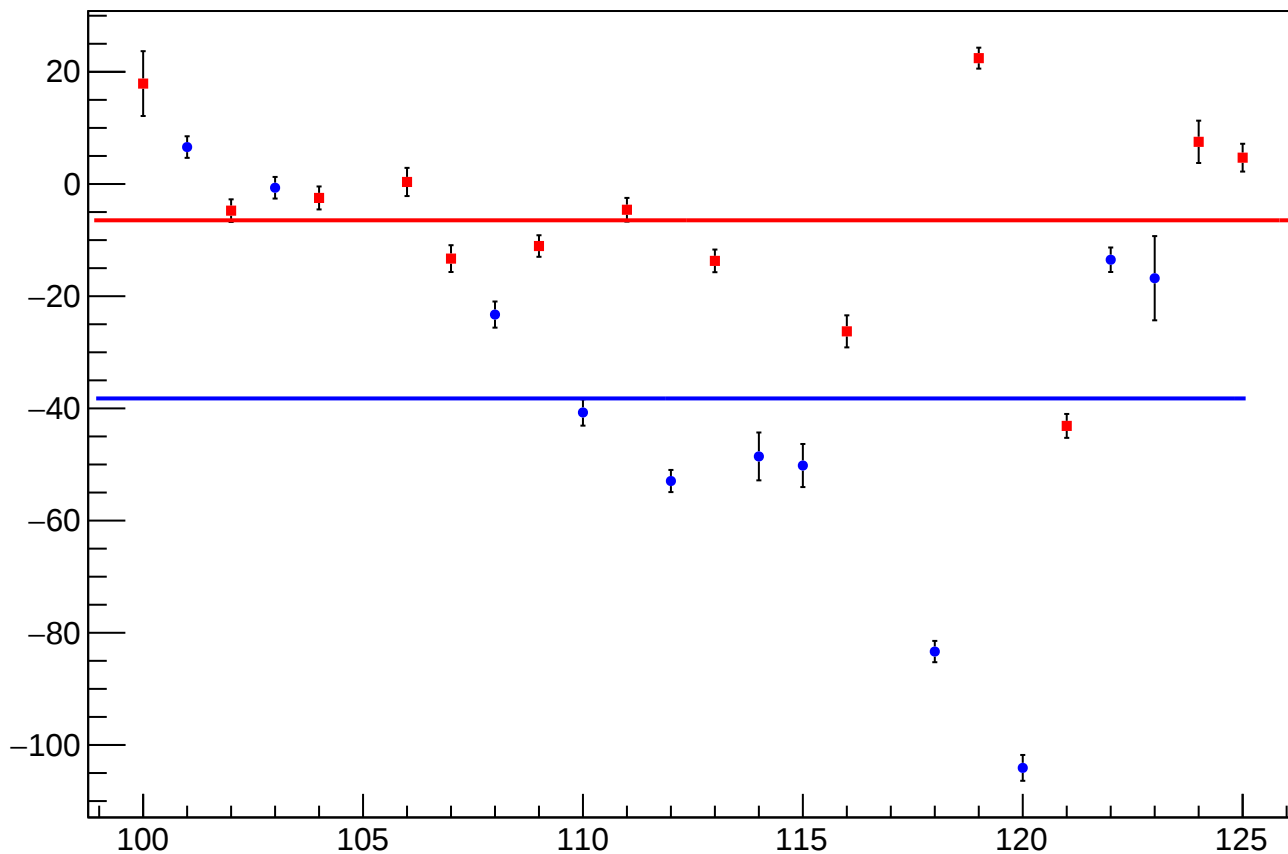
Right: 1047.825 $\pm$ 0.252 χ^2 /NDF: 59750.4/23

In: 1049.439 $\pm$ 0.377 χ^2 /NDF:24404.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1047.825 $\pm$ 0.252 χ^2 /NDF: 59750.4/23

diff_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -38.224+/-0.711 χ^2/NDF : 2554.6/10

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

Right Out: -6.470+/-0.639 χ^2/NDF : 674.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

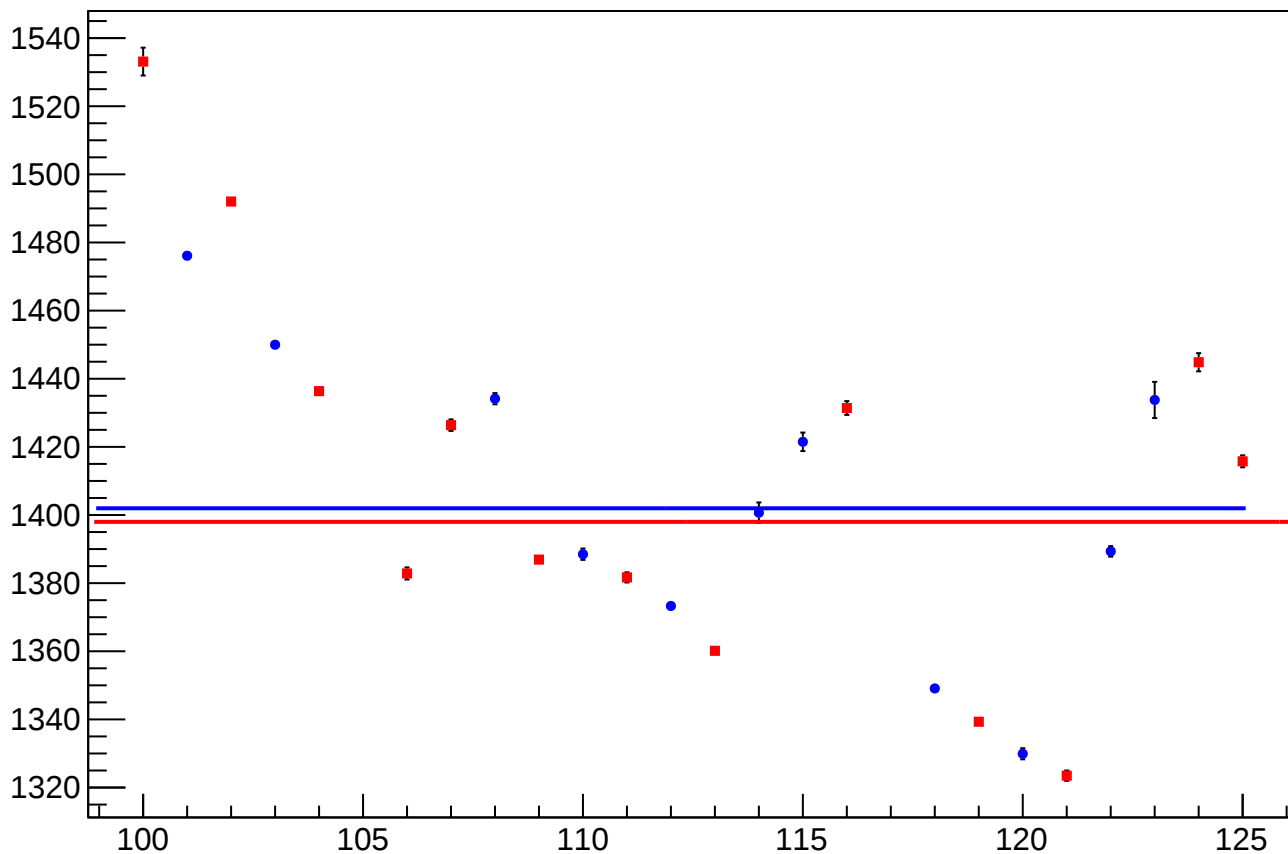
Right: -20.647+/-0.475 χ^2/NDF : 4332.9/23

In: -38.224+/-0.711 χ^2/NDF :2554.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -20.647+/-0.475 χ^2/NDF : 4332.9/23

diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1401.972+/-0.503 χ^2/NDF : 8745.2/10

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

Right Out: 1397.992+/-0.452 χ^2/NDF : 12490.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

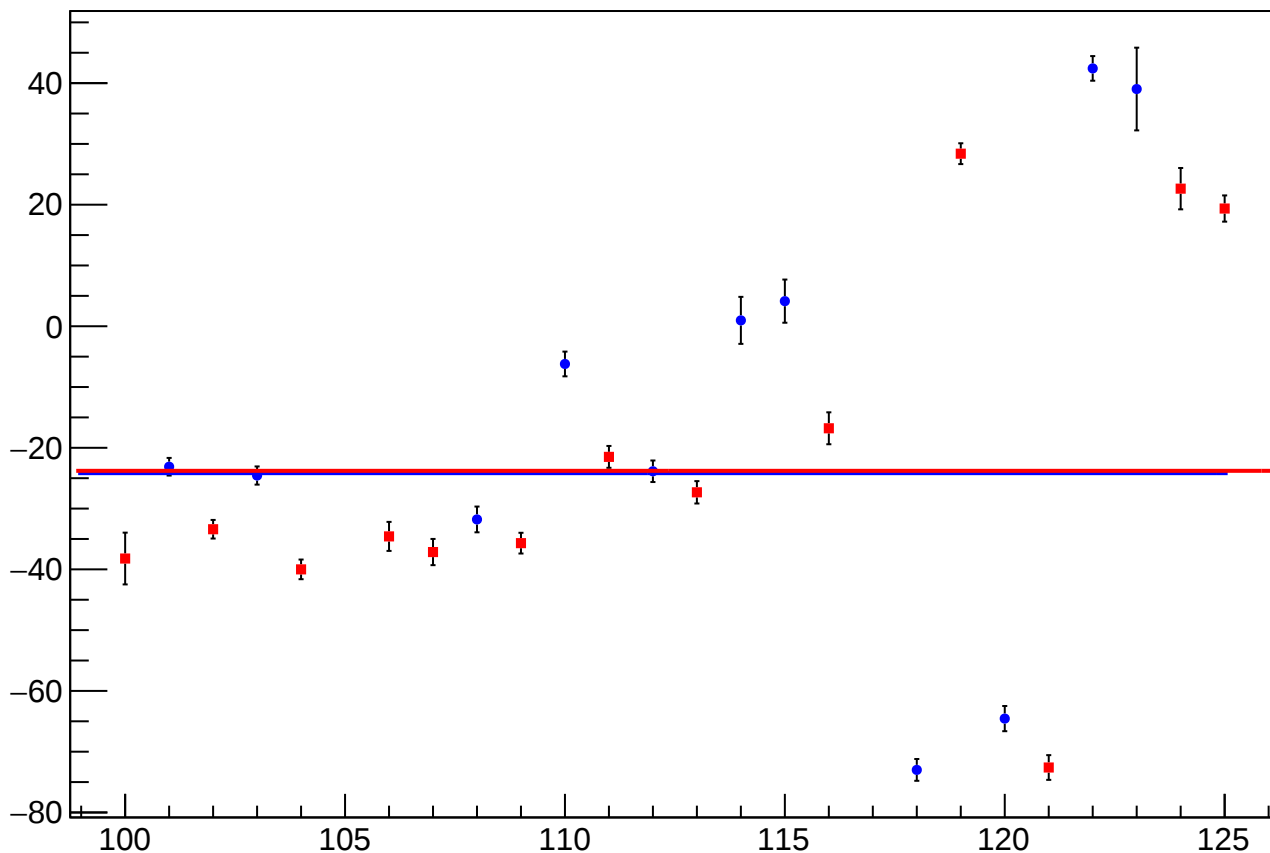
Right: 1399.769+/-0.336 χ^2/NDF : 21270.6/23

In: 1401.972+/-0.503 χ^2/NDF : 8745.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1399.769+/-0.336 χ^2/NDF : 21270.6/23

diff_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -24.172+/-0.613 χ^2/NDF : 2485.2/10

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

Right Out: -23.788+/-0.556 χ^2/NDF : 2361.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

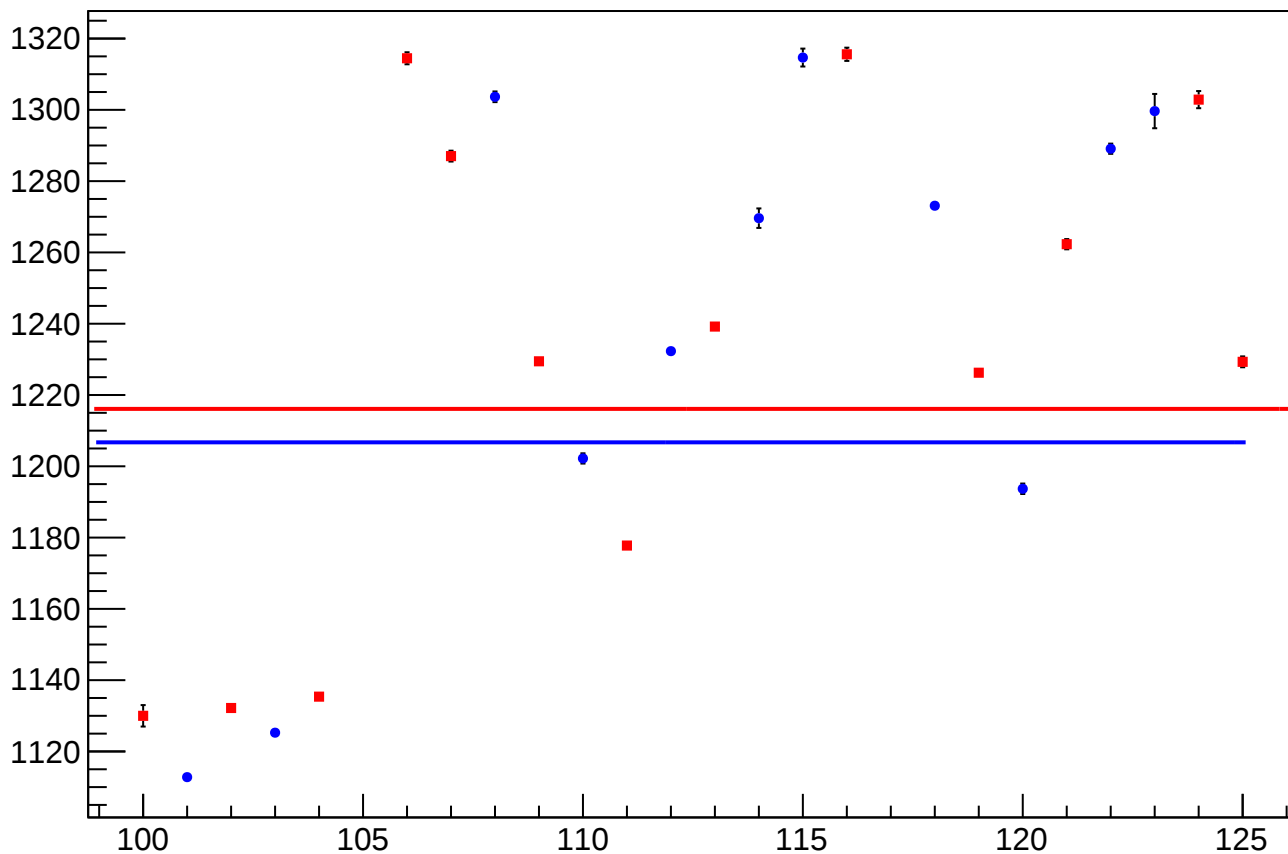
Right: -23.961+/-0.412 χ^2/NDF : 4846.9/23

In: -24.172+/-0.613 χ^2/NDF :2485.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -23.961+/-0.412 χ^2/NDF : 4846.9/23

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1206.719+/-0.433 χ^2/NDF : 27814.7/10

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

Right Out: 1216.106+/-0.393 χ^2/NDF : 24062.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

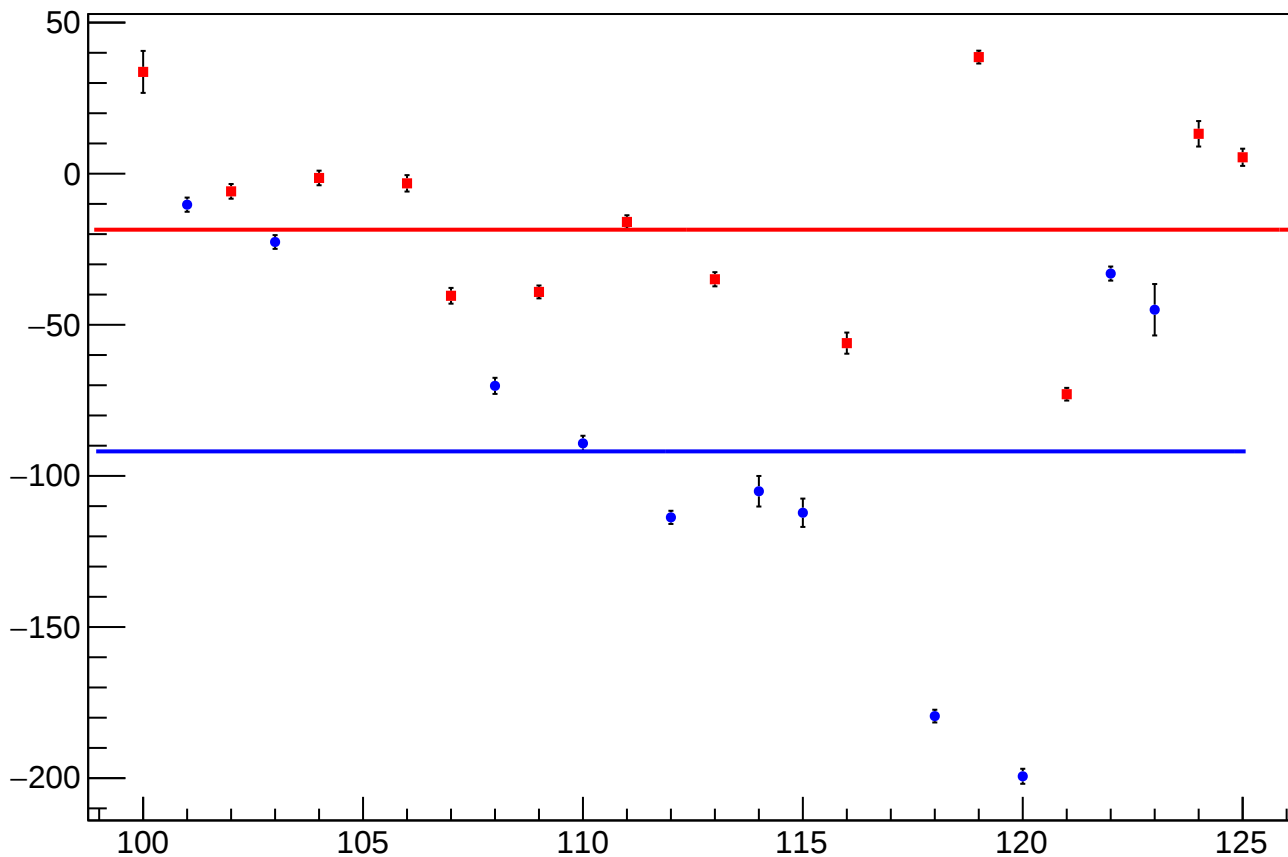
Right: 1211.867+/-0.291 χ^2/NDF : 52134.8/23

In: 1206.719+/-0.433 χ^2/NDF : 27814.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1211.867+/-0.291 χ^2/NDF : 52134.8/23

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -91.883 ± 0.802 χ^2/NDF : 6588.6/10

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

Right Out: -18.531 ± 0.715 χ^2/NDF : 2016.9/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

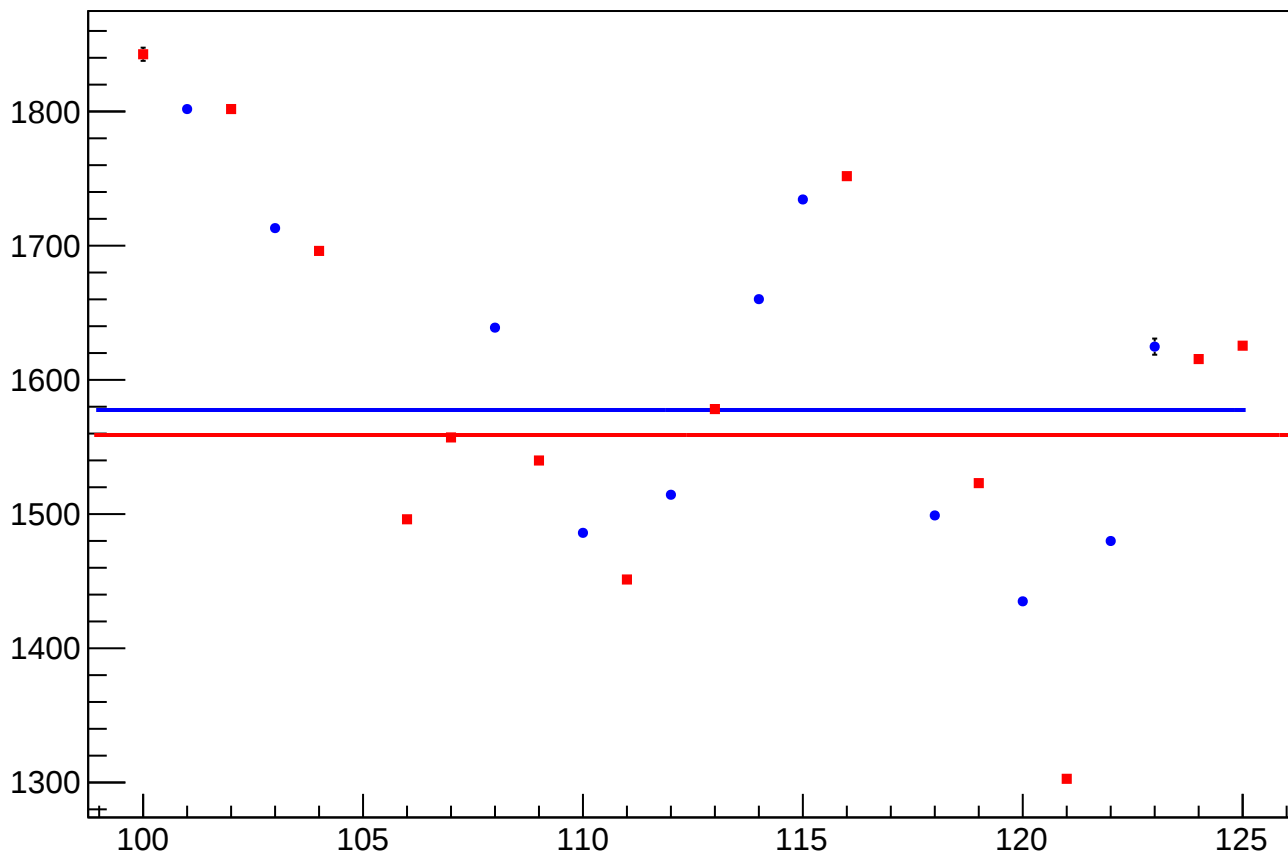
Right: -50.971 ± 0.534 χ^2/NDF : 13265.6/23

In: -91.883 ± 0.802 χ^2/NDF : 6588.6/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -50.971 ± 0.534 χ^2/NDF : 13265.6/23

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1577.562+/-0.567 χ^2/NDF : 46414.2/10

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

Right Out: 1558.928+/-0.505 χ^2/NDF : 73638.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

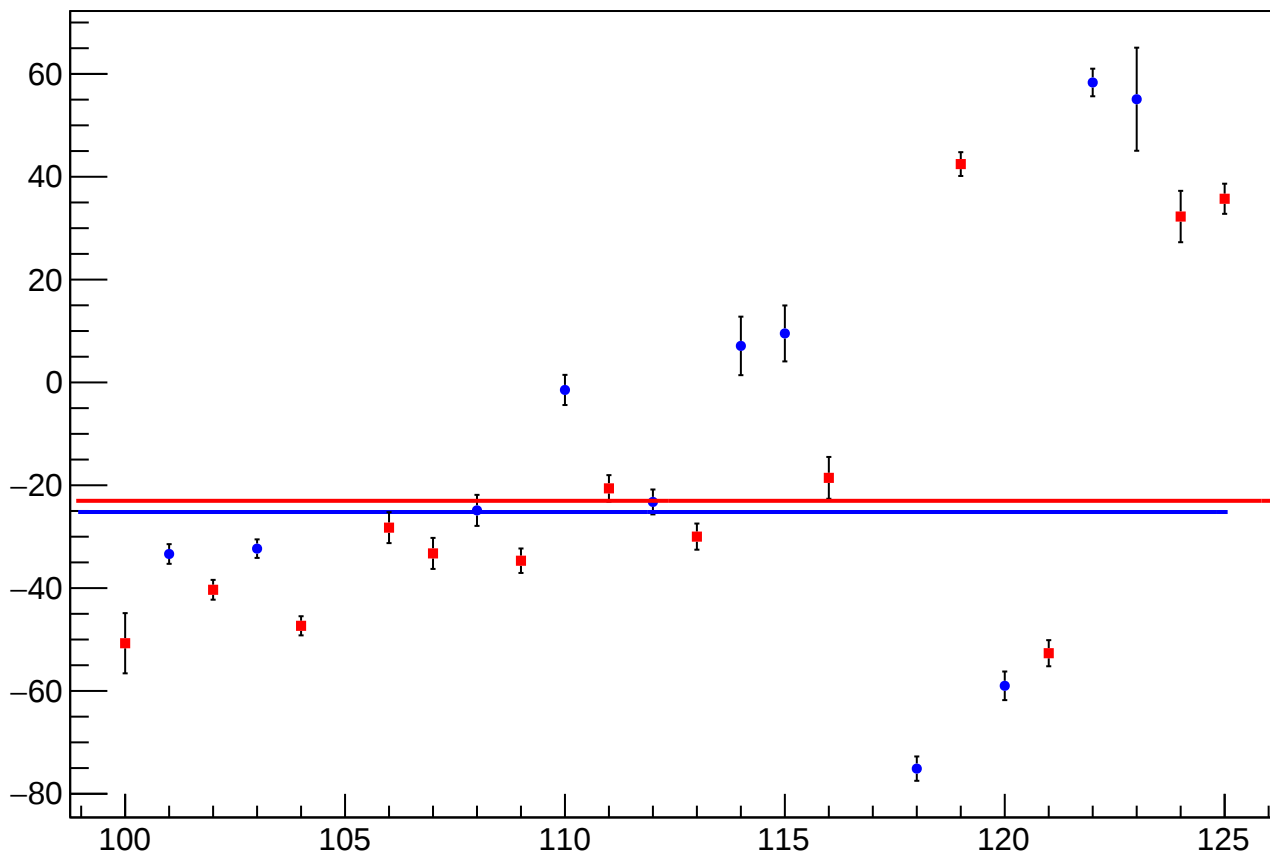
Right: 1567.169+/-0.377 χ^2/NDF : 120653.8/23

In: 1577.562+/-0.567 χ^2/NDF : 46414.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1567.169+/-0.377 χ^2/NDF : 120653.8/23

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -25.199 $\pm$ 0.817 χ^2 /NDF: 1798.5/10

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

Right Out: -23.023 $\pm$ 0.735 χ^2 /NDF: 1782.7/12

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

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

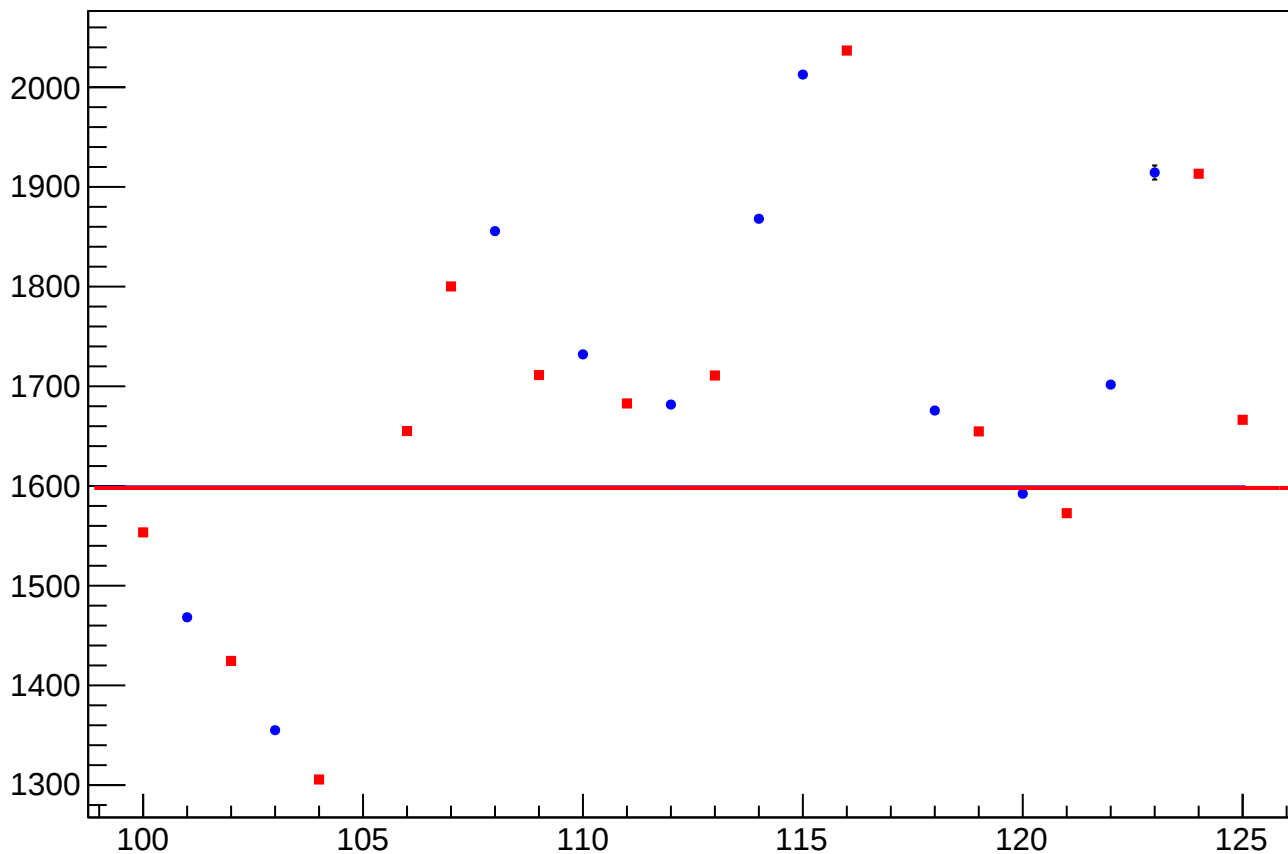
Right: -23.998 $\pm$ 0.547 χ^2 /NDF: 3585.1/23

In: -25.199 $\pm$ 0.817 χ^2 /NDF:1798.5/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -23.998 $\pm$ 0.547 χ^2 /NDF: 3585.1/23

diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1598.635+/-0.578 χ^2/NDF : 89962.2/10

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

Right Out: 1598.061+/-0.520 χ^2/NDF : 119768.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

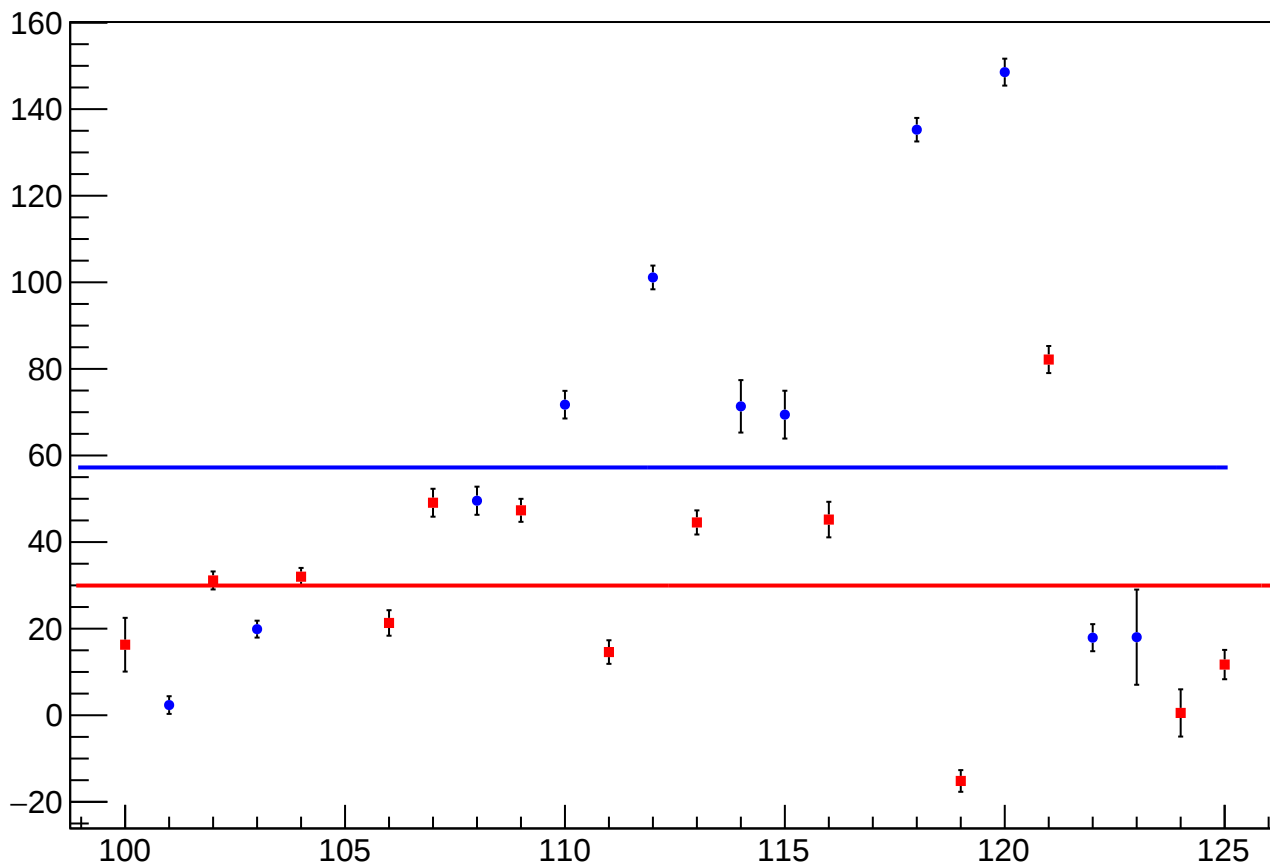
Right: 1598.318+/-0.386 χ^2/NDF : 209731.1/23

In: 1598.635+/-0.578 χ^2/NDF : 89962.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1598.318+/-0.386 χ^2/NDF : 209731.1/23

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 57.235+/-0.899 χ^2/NDF : 3238.4/10

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

Right Out: 29.960+/-0.801 χ^2/NDF : 827.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

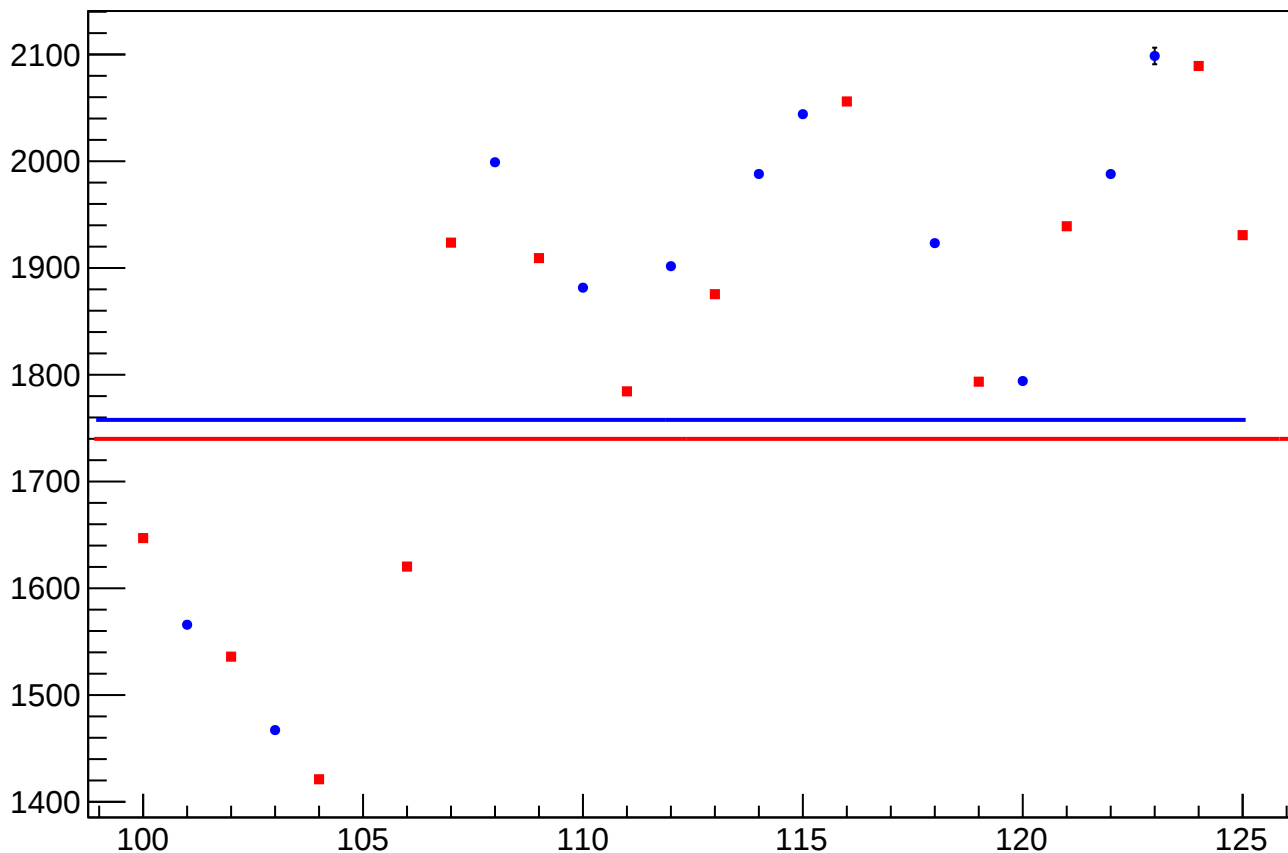
Right: 42.028+/-0.598 χ^2/NDF : 4579.0/23

In: 57.235+/-0.899 χ^2/NDF : 3238.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.028+/-0.598 χ^2/NDF : 4579.0/23

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1757.745+/-0.636 χ^2/NDF : 110308.7/10

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

Right Out: 1739.967+/-0.566 χ^2/NDF : 127891.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

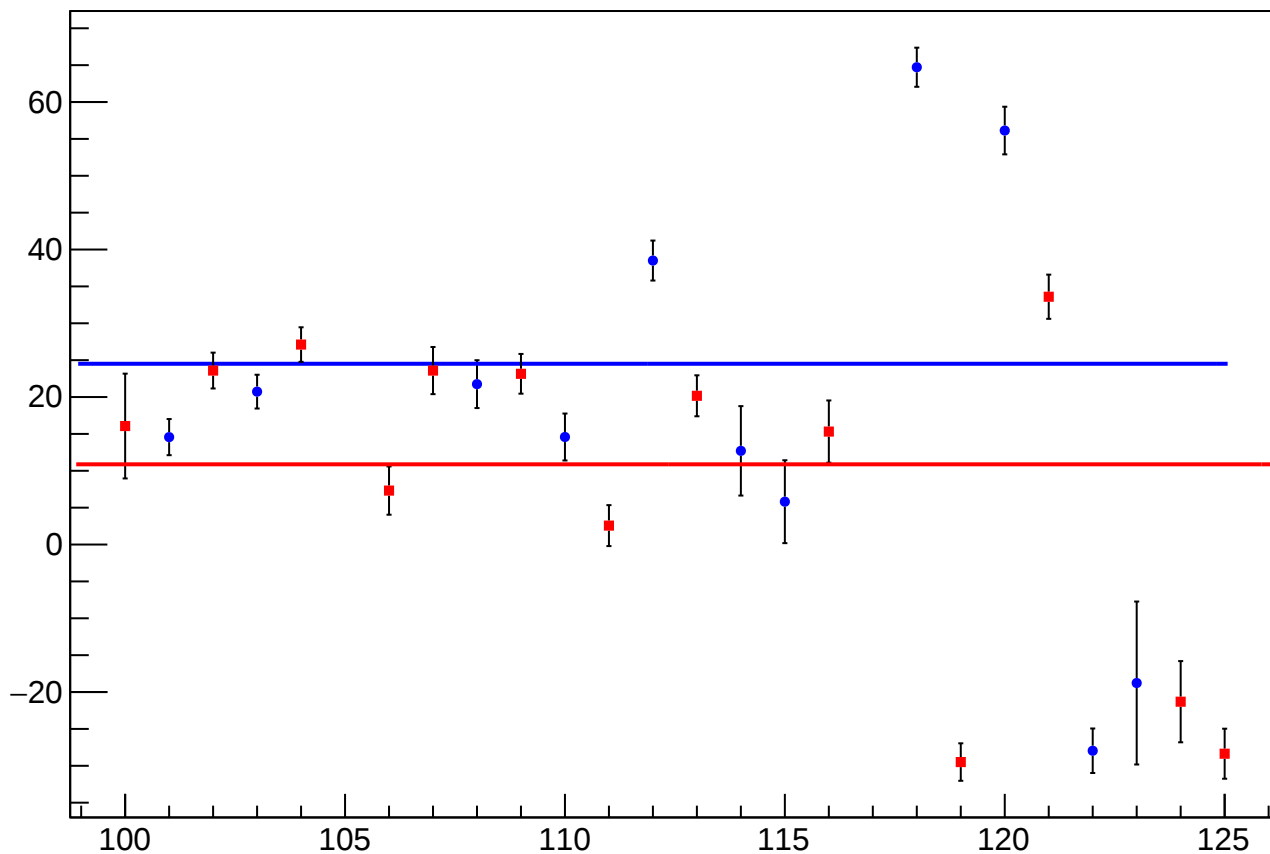
Right: 1747.833+/-0.423 χ^2/NDF : 238636.1/23

In: 1757.745+/-0.636 χ^2/NDF : 110308.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1747.833+/-0.423 χ^2/NDF : 238636.1/23

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 24.511+/-0.953 χ^2/NDF : 714.4/10

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

Right Out: 10.878+/-0.845 χ^2/NDF : 612.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

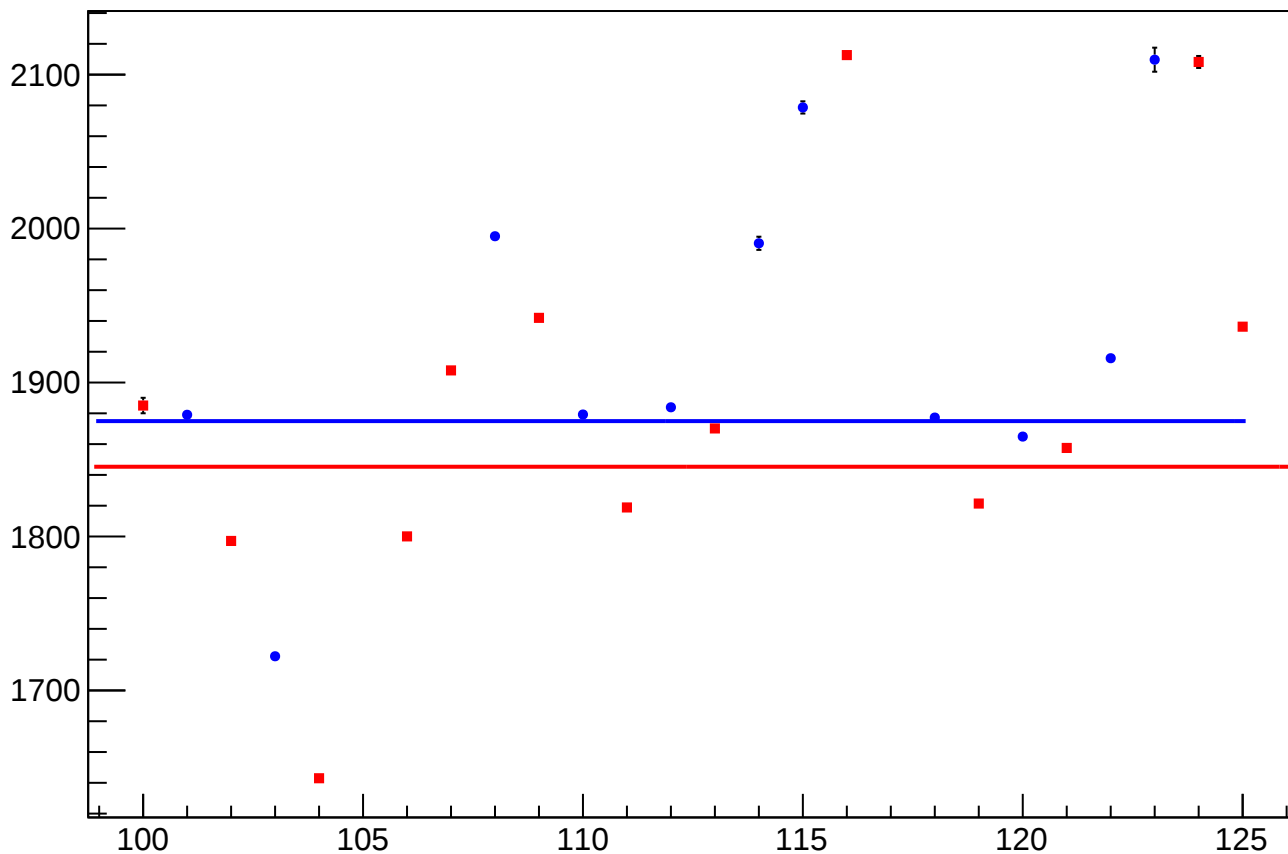
Right: 16.878+/-0.632 χ^2/NDF : 1442.0/23

In: 24.511+/-0.953 χ^2/NDF : 714.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.878+/-0.632 χ^2/NDF : 1442.0/23

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1874.948+/-0.674 χ^2/NDF : 16315.4/10

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

Right Out: 1845.307+/-0.597 χ^2/NDF : 34084.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

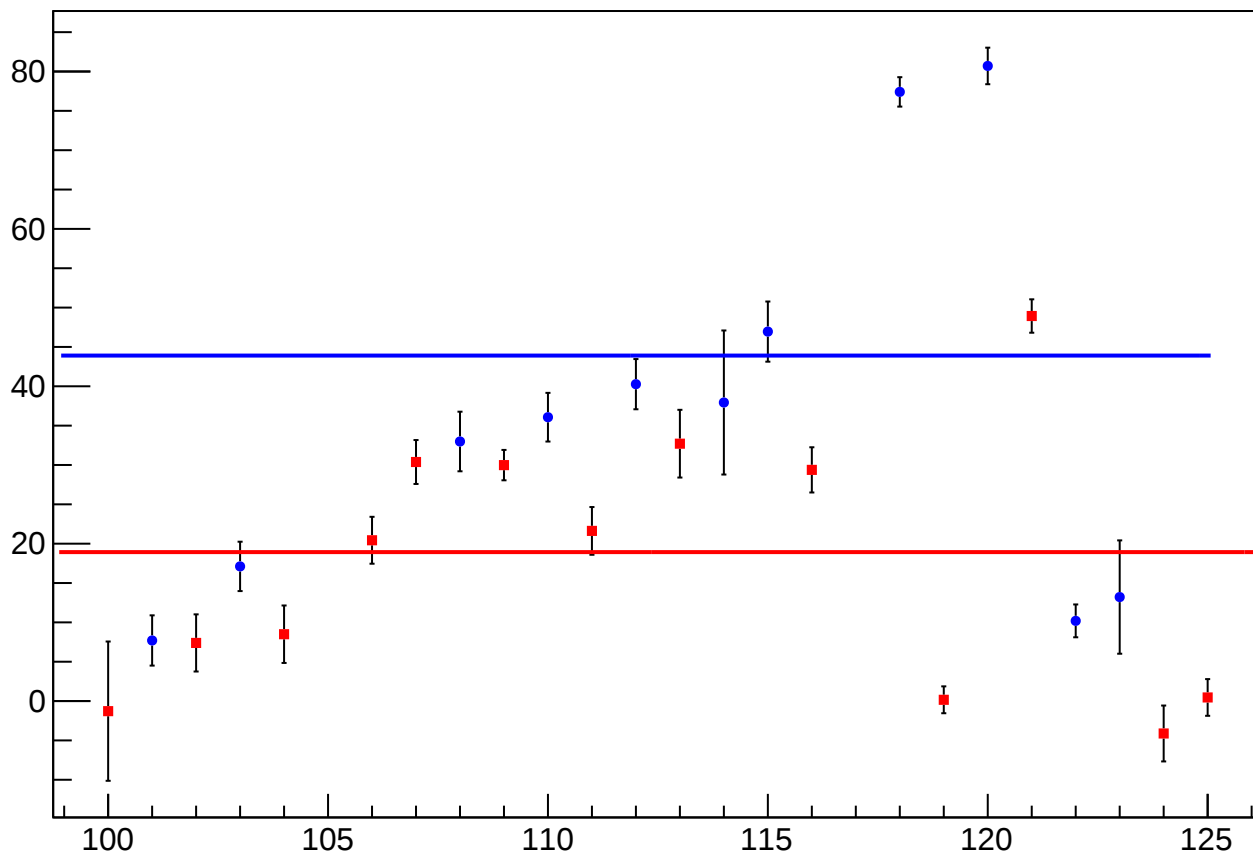
Right: 1858.352+/-0.447 χ^2/NDF : 51483.8/23

In: 1874.948+/-0.674 χ^2/NDF : 16315.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1858.352+/-0.447 χ^2/NDF : 51483.8/23

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 43.903+/-0.886 χ^2/NDF : 1070.1/10

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

Right Out: 18.929+/-0.748 χ^2/NDF : 523.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

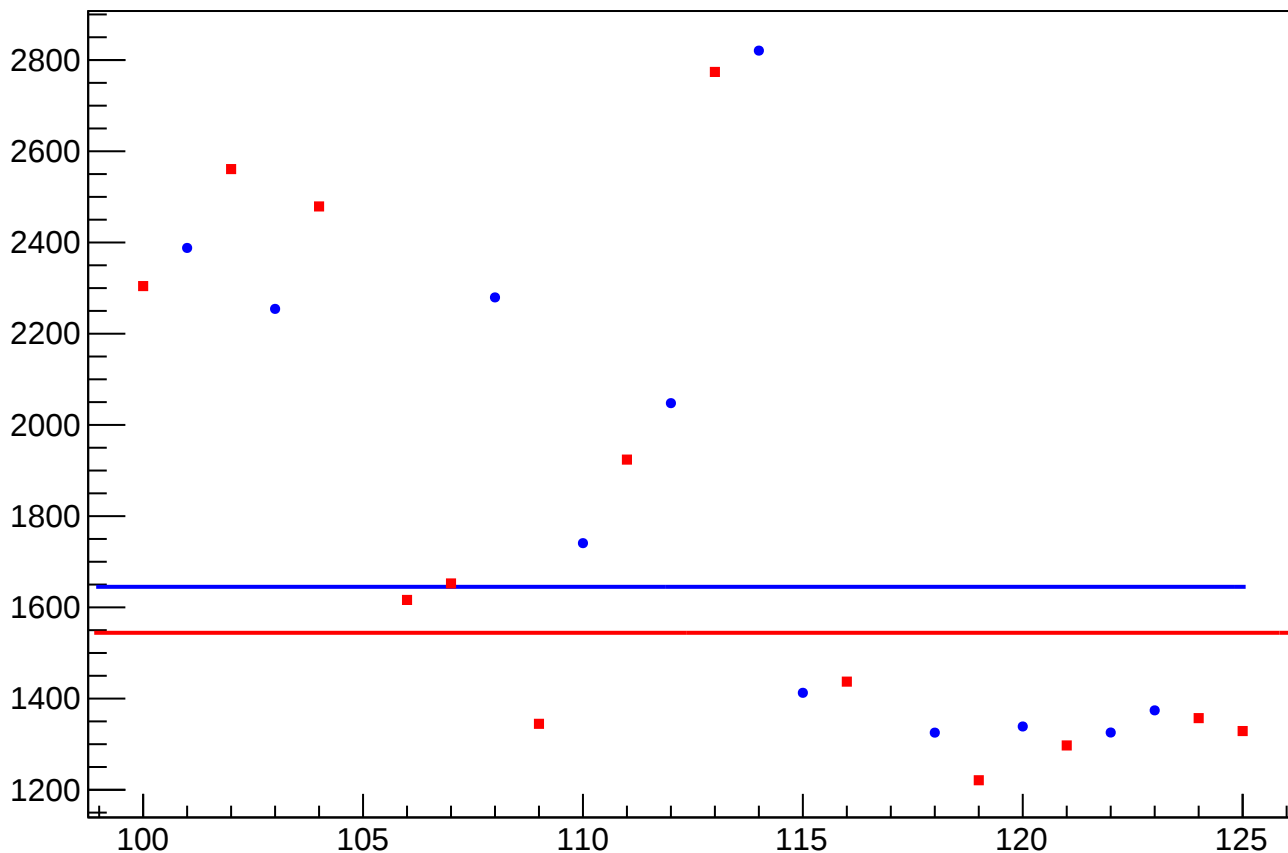
Right: 29.326+/-0.572 χ^2/NDF : 2056.7/23

In: 43.903+/-0.886 χ^2/NDF : 1070.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.326+/-0.572 χ^2/NDF : 2056.7/23

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 1645.052+/-0.627 χ^2/NDF : 457116.0/10

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

Right Out: 1544.245+/-0.529 χ^2/NDF : 647083.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

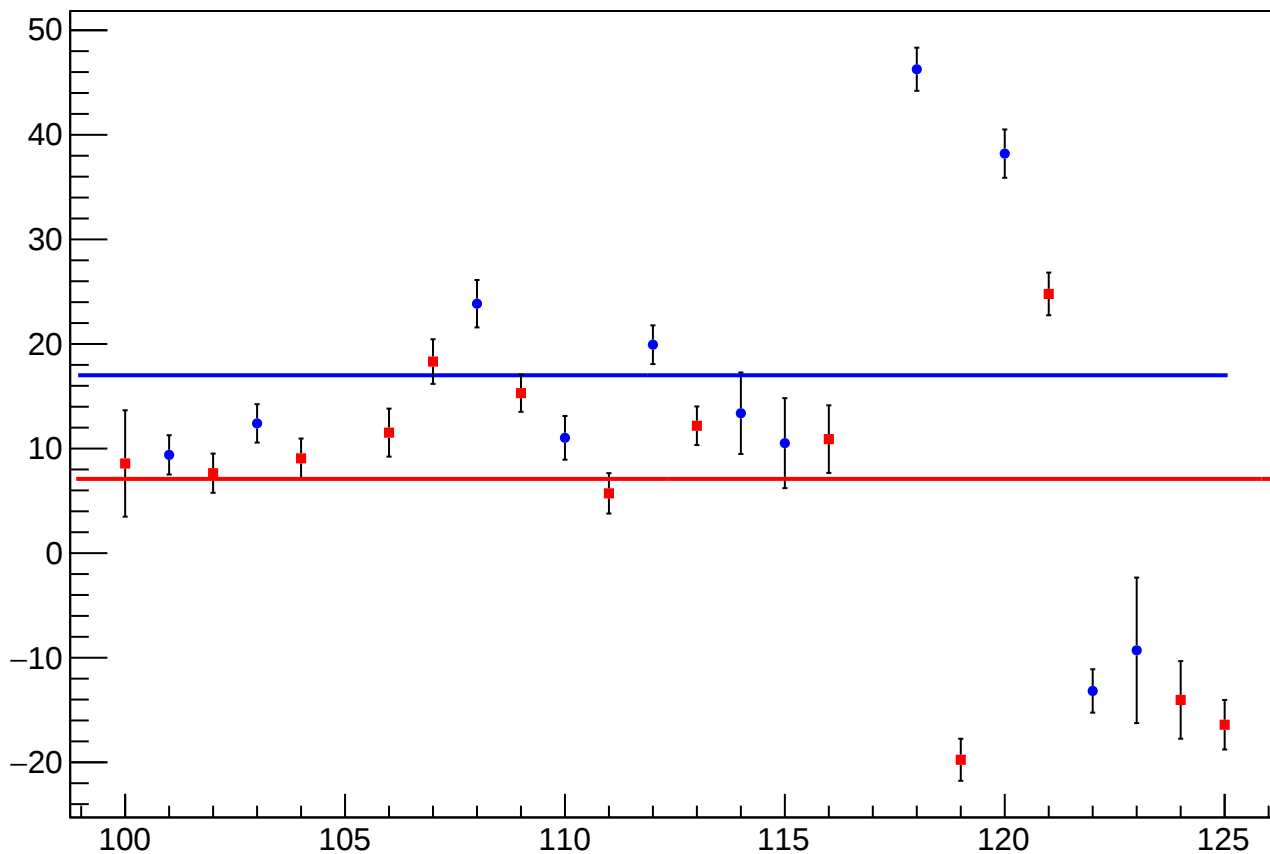
Right: 1586.212+/-0.404 χ^2/NDF : 1119303.3/23

In: 1645.052+/-0.627 χ^2/NDF : 457116.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1586.212+/-0.404 χ^2/NDF : 1119303.3/23

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 17.010+/-0.692 χ^2/NDF : 556.6/10

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

Right Out: 7.099+/-0.606 χ^2/NDF : 447.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

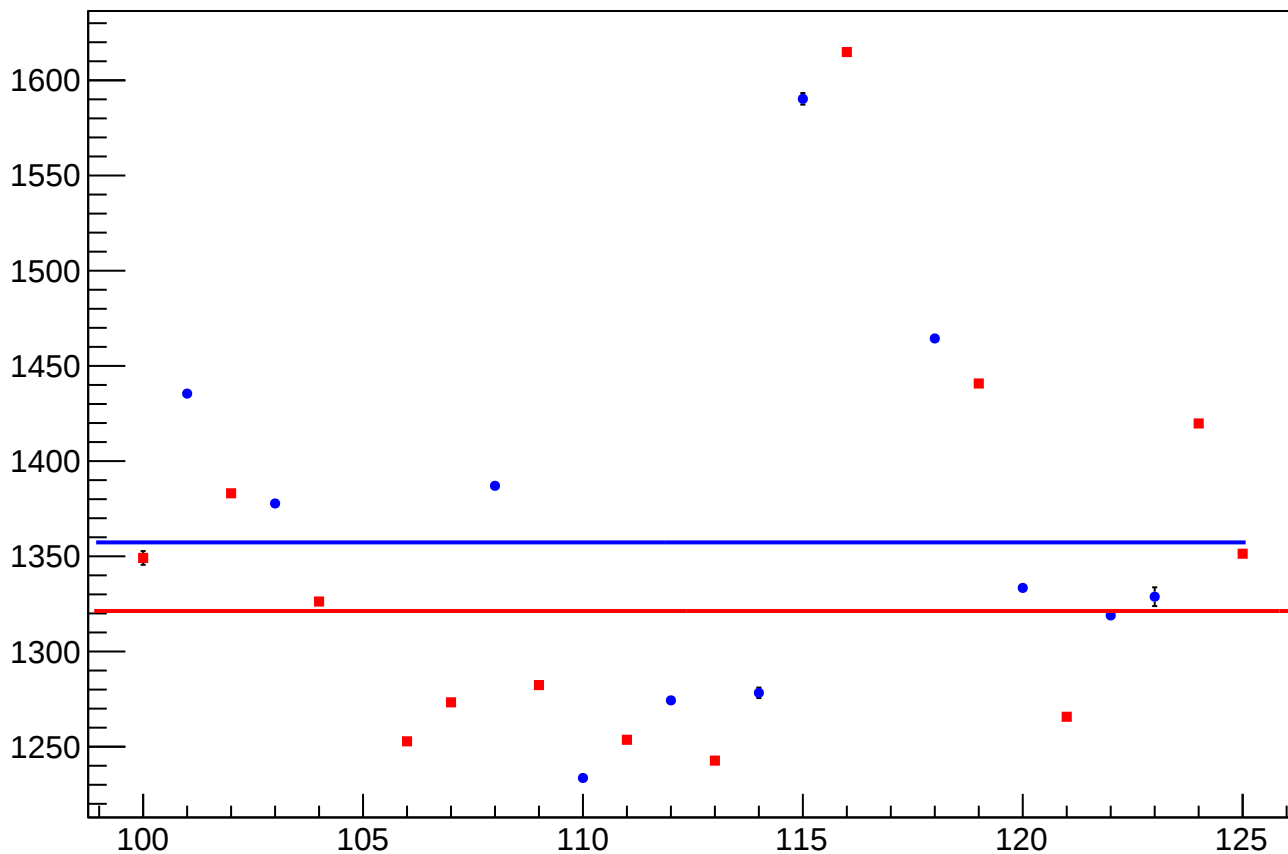
Right: 11.404+/-0.456 χ^2/NDF : 1120.4/23

In: 17.010+/-0.692 χ^2/NDF : 556.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.404+/-0.456 χ^2/NDF : 1120.4/23

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1357.301+/-0.489 χ^2/NDF : 28089.3/10

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

Right Out: 1321.283+/-0.429 χ^2/NDF : 38871.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

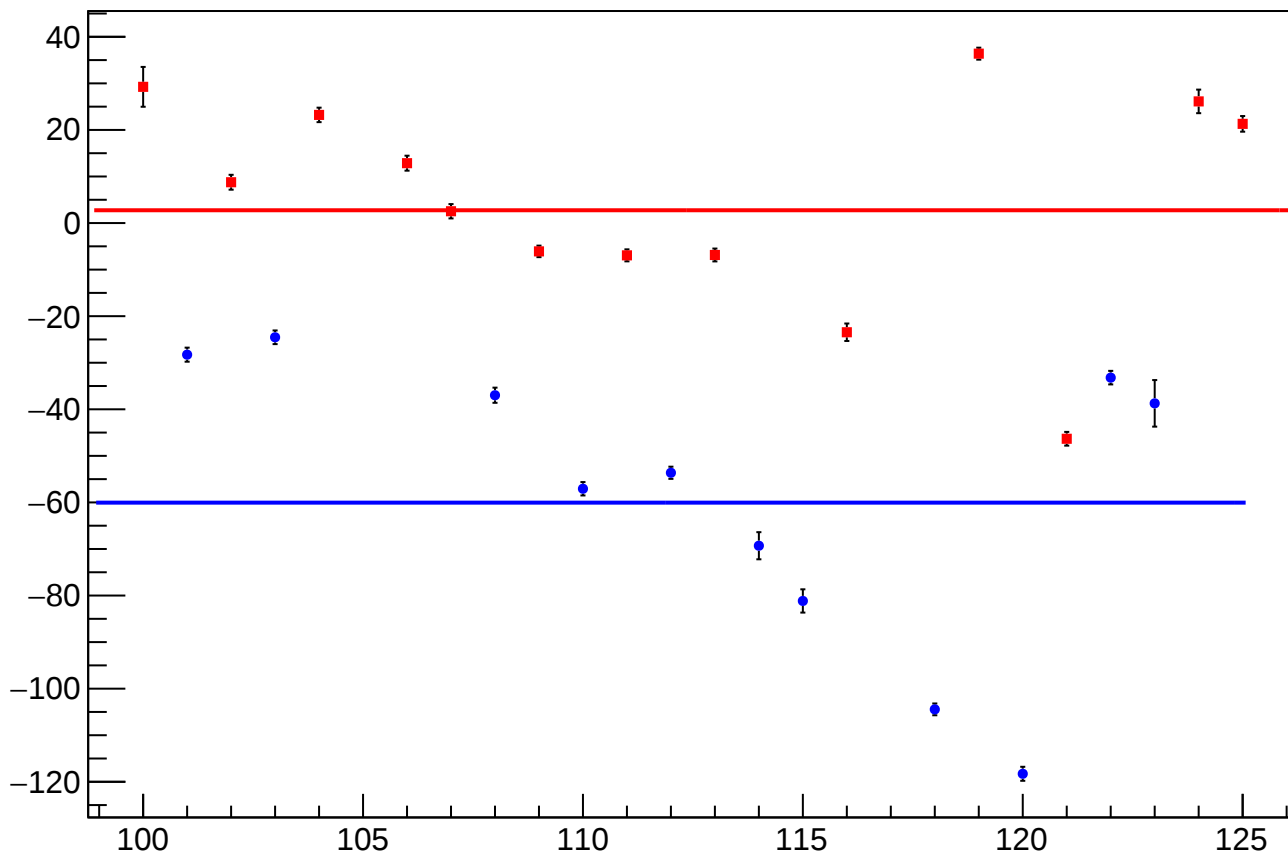
Right: 1336.929+/-0.322 χ^2/NDF : 70028.0/23

In: 1357.301+/-0.489 χ^2/NDF : 28089.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1336.929+/-0.322 χ^2/NDF : 70028.0/23

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -60.047+/-0.488 χ^2/NDF : 4423.8/10

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

Right Out: 2.748+/-0.434 χ^2/NDF : 2613.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

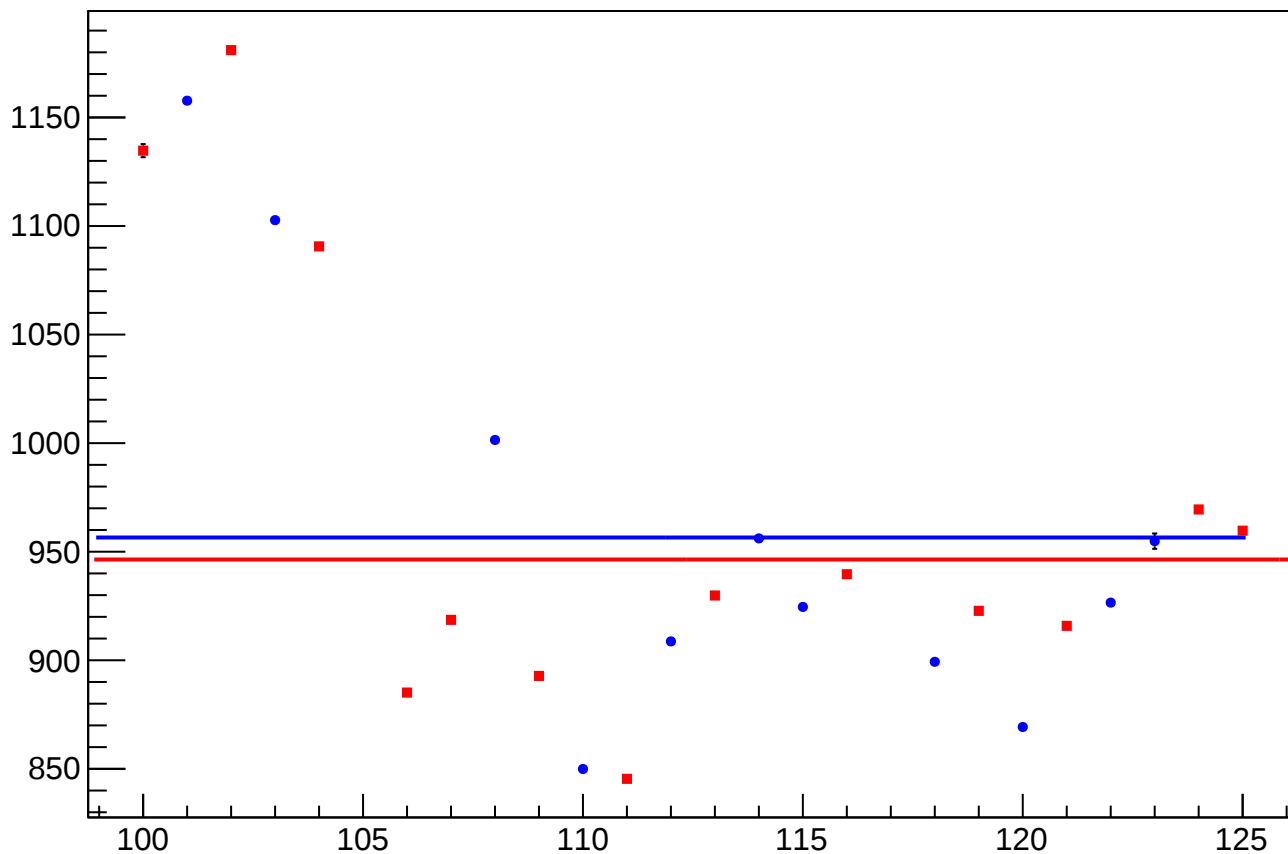
Right: -25.013+/-0.324 χ^2/NDF : 16286.3/23

In: -60.047+/-0.488 χ^2/NDF : 4423.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.013+/-0.324 χ^2/NDF : 16286.3/23

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 956.537+/-0.345 χ^2/NDF : 82560.3/10

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

Right Out: 946.406+/-0.307 χ^2/NDF : 85899.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

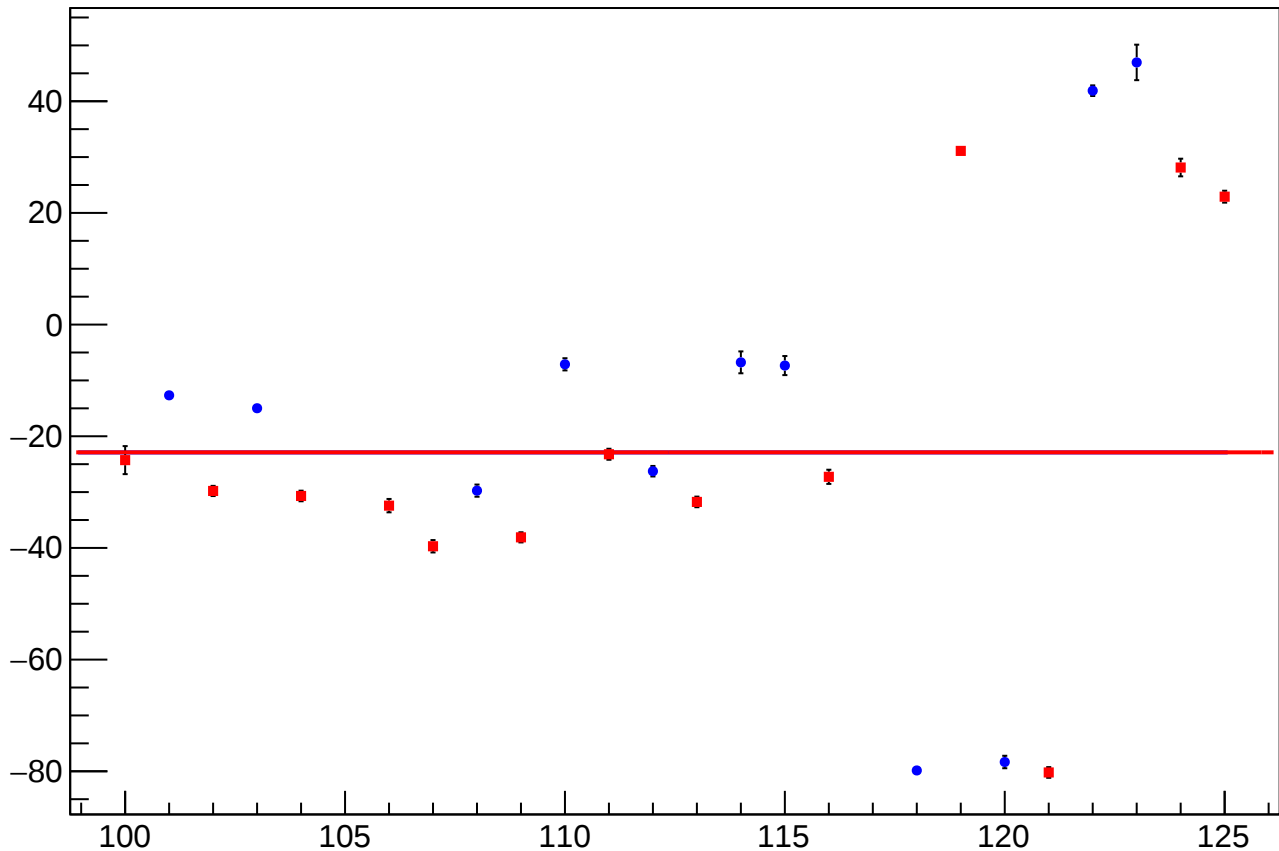
Right: 950.885+/-0.229 χ^2/NDF : 168941.0/23

In: 956.537+/-0.345 χ^2/NDF : 82560.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 950.885+/-0.229 χ^2/NDF : 168941.0/23

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -22.895+/-0.329 χ^2/NDF : 12266.3/10

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

Right Out: -22.880+/-0.293 χ^2/NDF : 11098.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

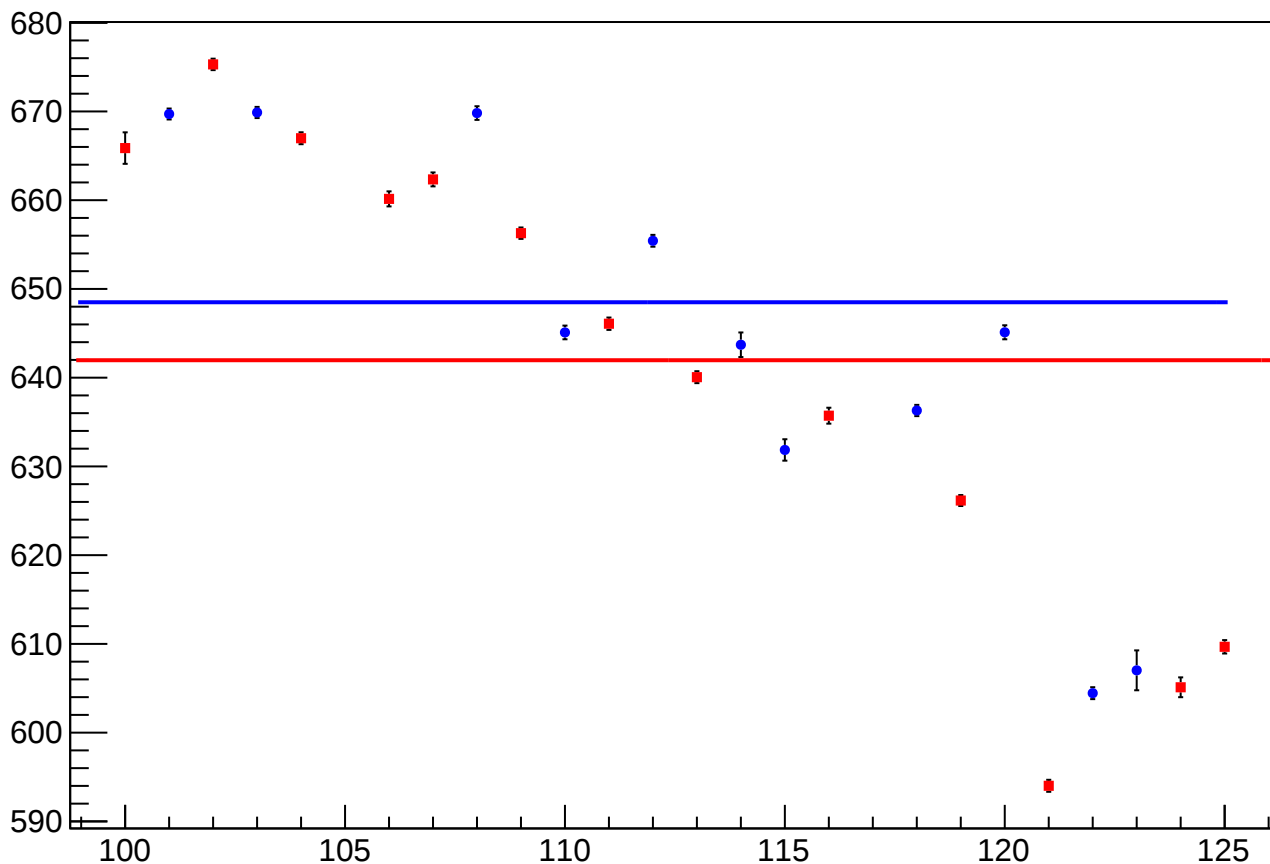
Right: -22.887+/-0.219 χ^2/NDF : 23364.6/23

In: -22.895+/-0.329 χ^2/NDF : 12266.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.887+/-0.219 χ^2/NDF : 23364.6/23

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 648.499+/-0.233 χ^2/NDF : 8463.3/10

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

Right Out: 641.966+/-0.207 χ^2/NDF : 14560.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

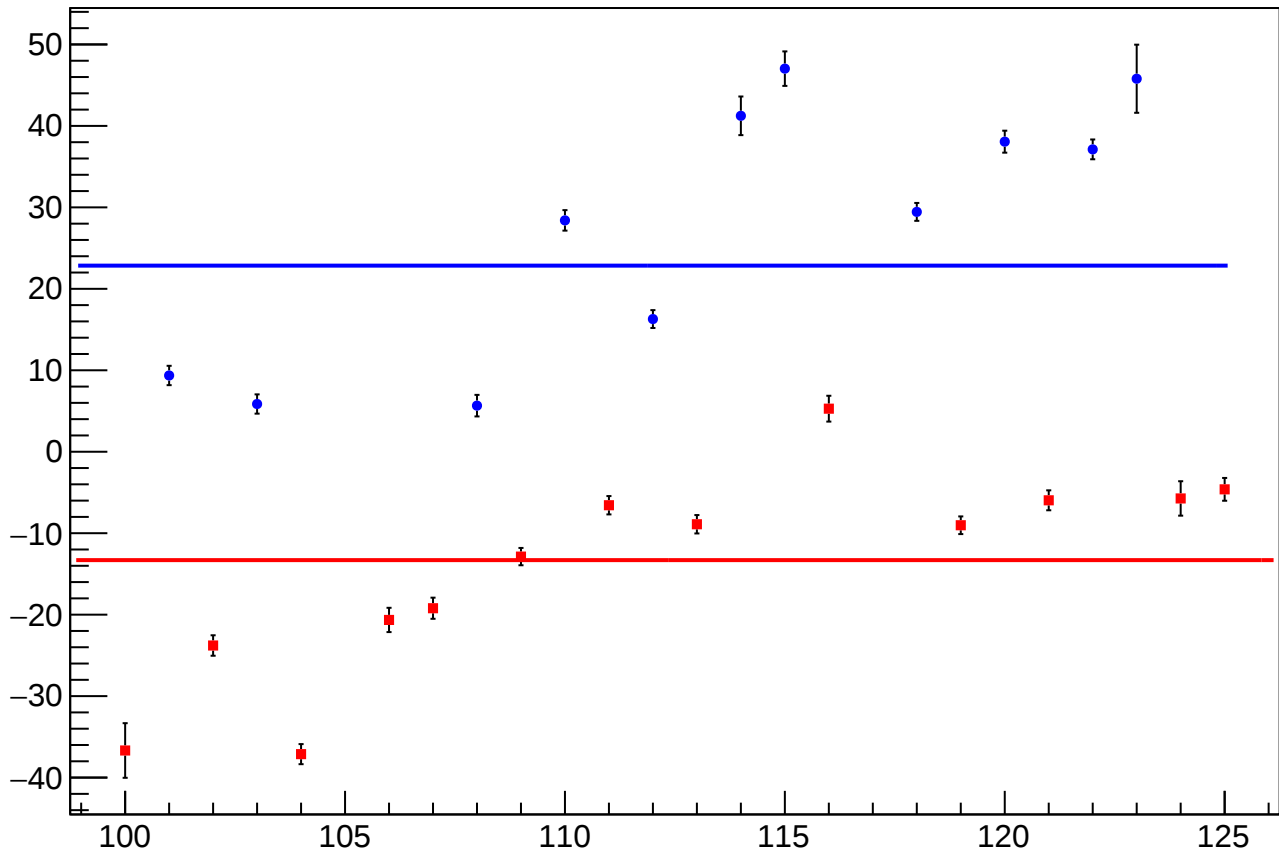
Right: 644.860+/-0.155 χ^2/NDF : 23462.9/23

In: 648.499+/-0.233 χ^2/NDF :8463.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 644.860+/-0.155 χ^2/NDF : 23462.9/23

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 22.848+/-0.409 χ^2/NDF : 1081.2/10

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

Right Out: -13.305+/-0.364 χ^2/NDF : 828.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

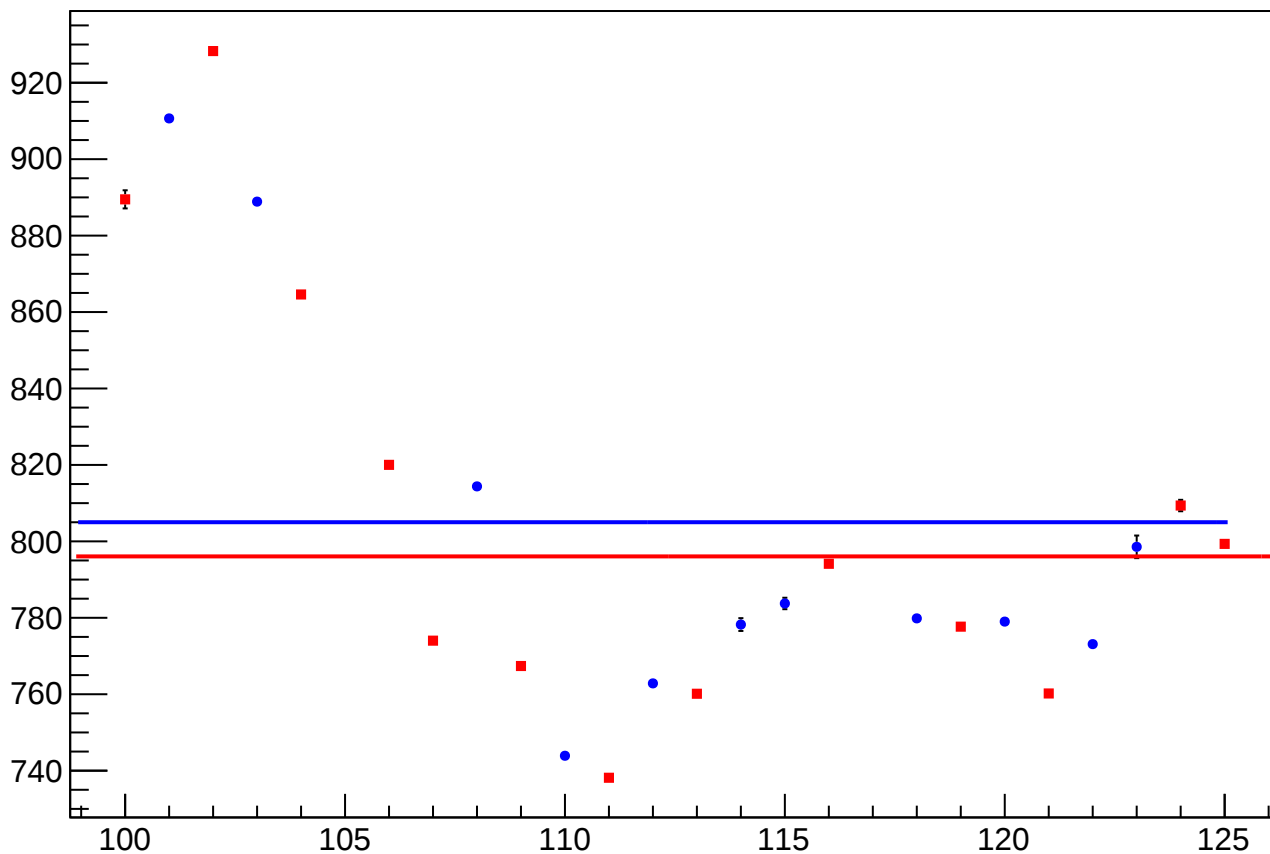
Right: 2.681+/-0.272 χ^2/NDF : 6264.2/23

In: 22.848+/-0.409 χ^2/NDF : 1081.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.681+/-0.272 χ^2/NDF : 6264.2/23

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 805.008+/-0.289 χ^2/NDF : 37310.4/10

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

Right Out: 796.064+/-0.258 χ^2/NDF : 42161.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

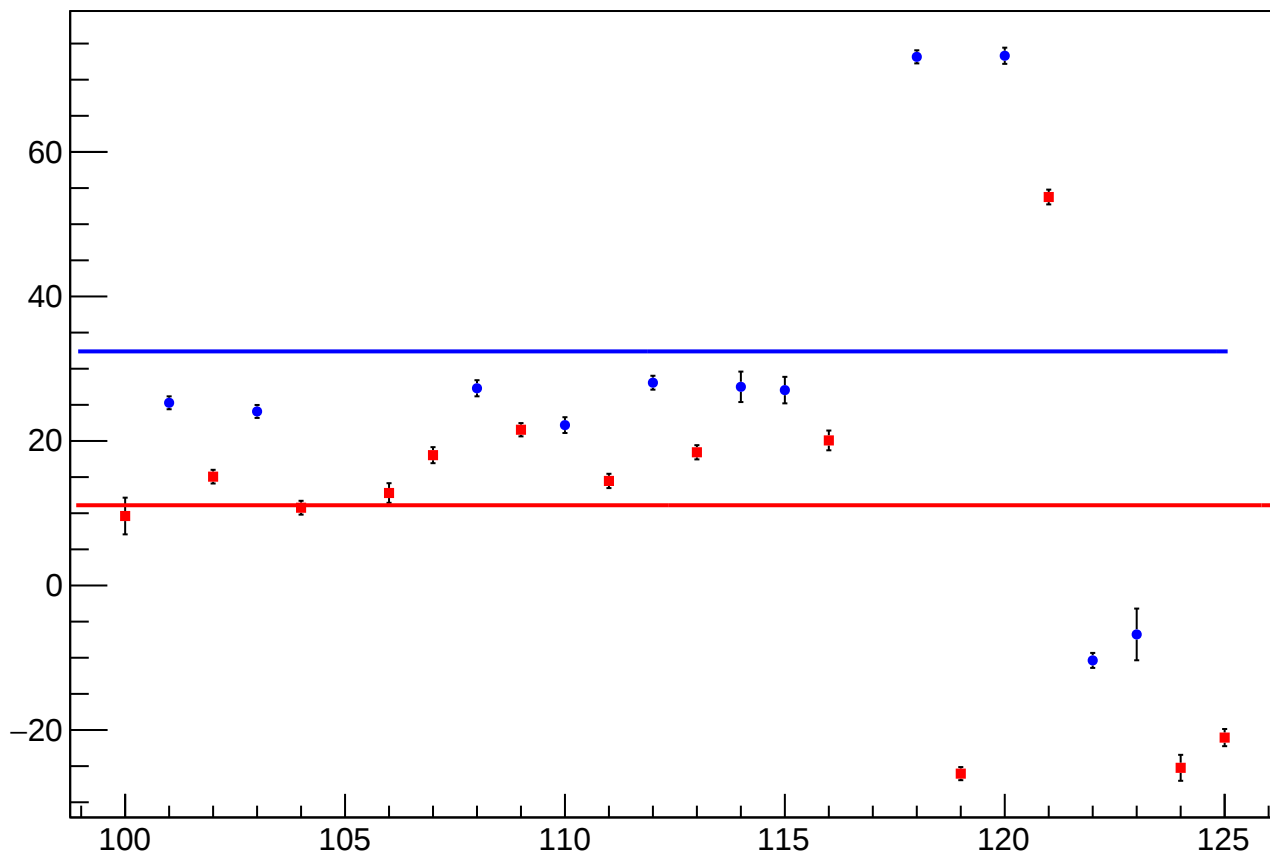
Right: 800.019+/-0.192 χ^2/NDF : 80004.8/23

In: 805.008+/-0.289 χ^2/NDF : 37310.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 800.019+/-0.192 χ^2/NDF : 80004.8/23

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 32.397+/-0.338 χ^2 /NDF: 5466.0/10

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

Right Out: 11.105+/-0.306 χ^2 /NDF: 4847.3/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

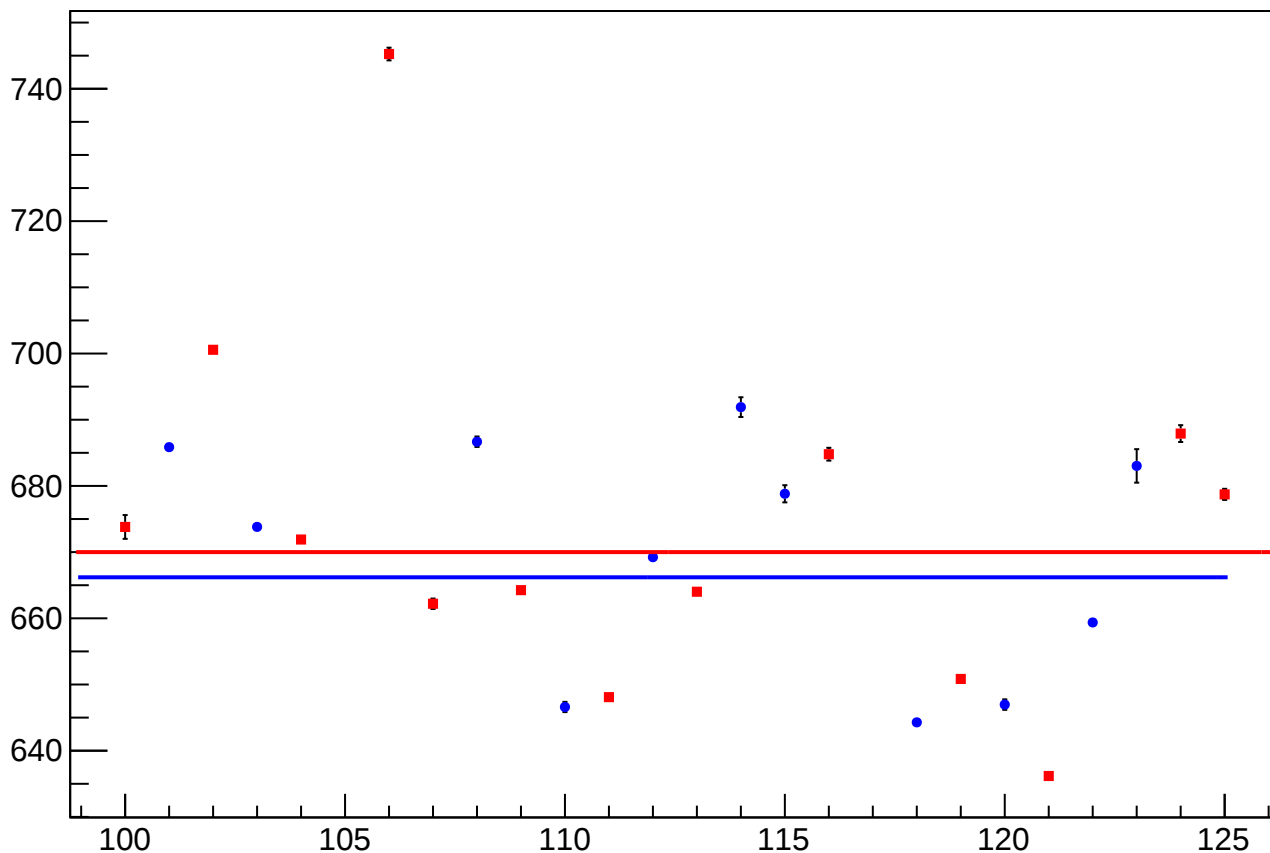
Right: 20.706+/-0.227 χ^2 /NDF: 12493.9/23

In: 32.397+/-0.338 χ^2 /NDF:5466.0/10

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 20.706+/-0.227 χ^2 /NDF: 12493.9/23

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 666.197+/-0.239 χ^2/NDF : 4727.3/10

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

Right Out: 670.002+/-0.217 χ^2/NDF : 13077.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

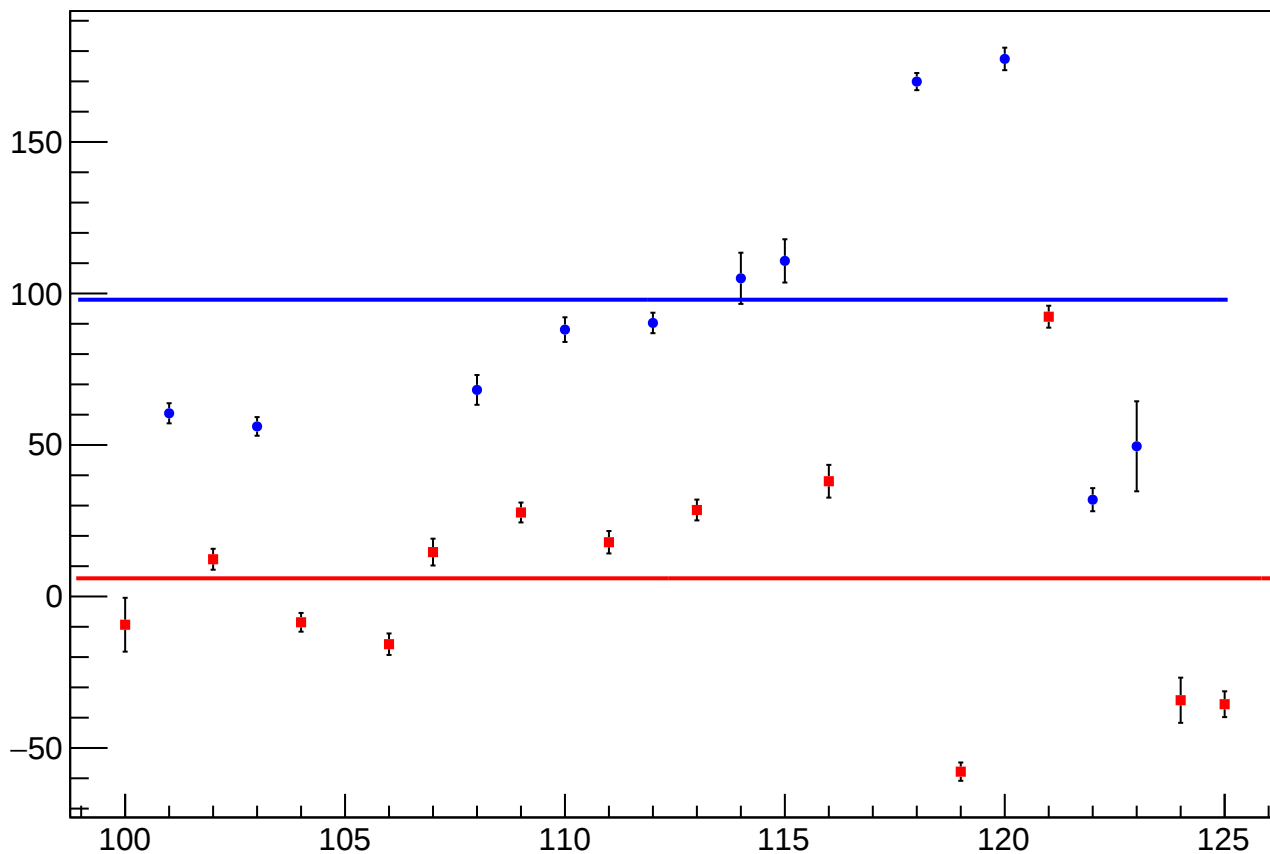
Right: 668.286+/-0.160 χ^2/NDF : 17944.5/23

In: 666.197+/-0.239 χ^2/NDF : 4727.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 668.286+/-0.160 χ^2/NDF : 17944.5/23

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 97.947+/-1.204 χ^2/NDF : 1778.3/10

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

Right Out: 5.998+/-1.069 χ^2/NDF : 1341.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

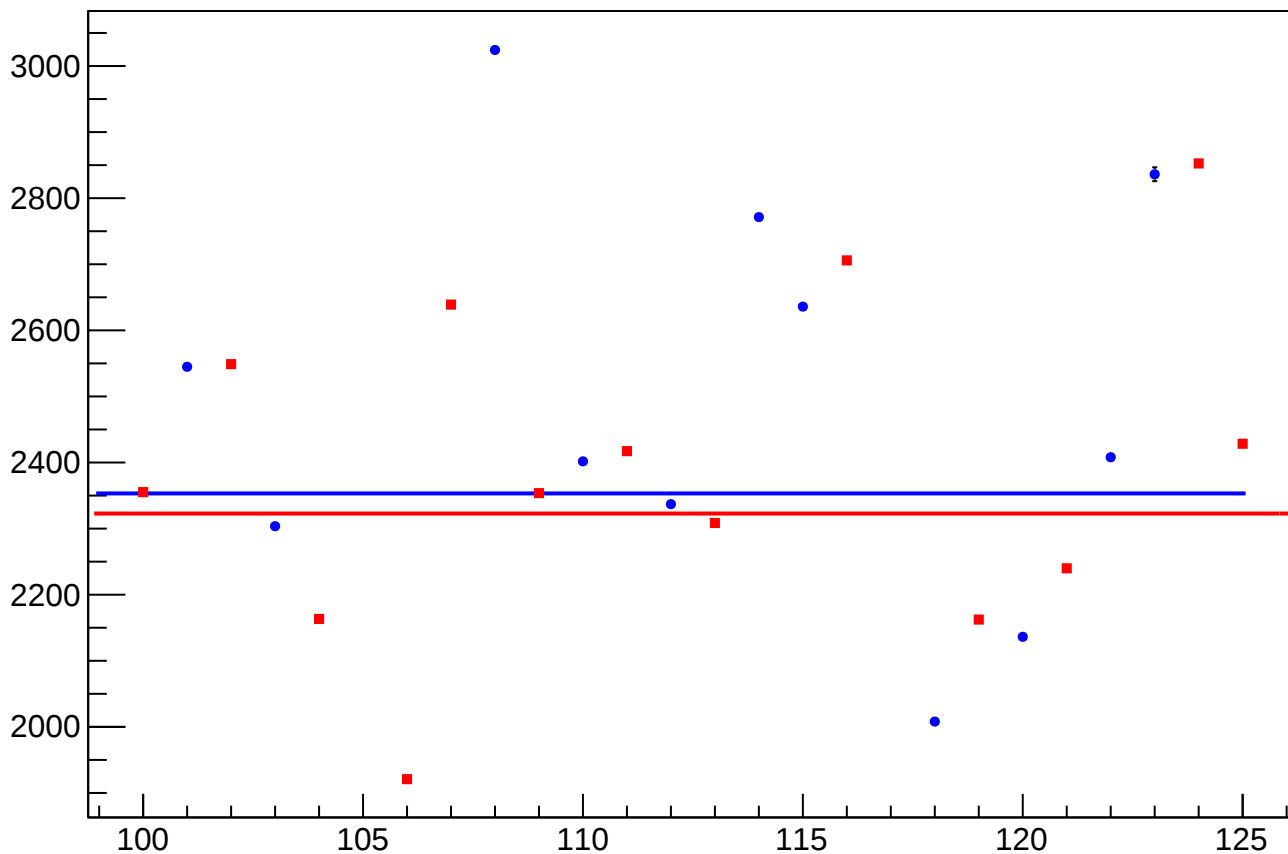
Right: 46.522+/-0.799 χ^2/NDF : 6381.8/23

In: 97.947+/-1.204 χ^2/NDF : 1778.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.522+/-0.799 χ^2/NDF : 6381.8/23

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2353.243+/-0.851 χ^2/NDF : 91823.3/10

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

Right Out: 2322.788+/-0.756 χ^2/NDF : 79395.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

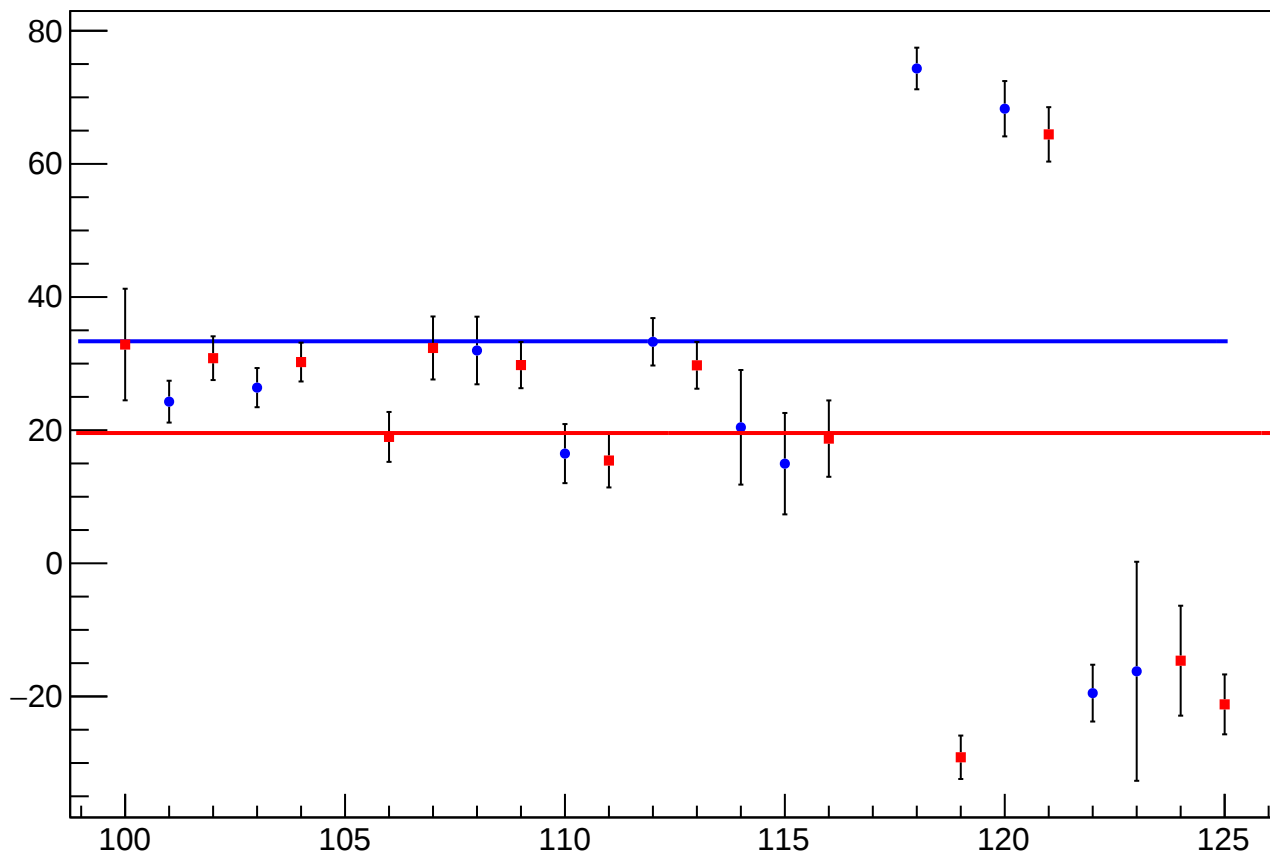
Right: 2336.210+/-0.565 χ^2/NDF : 171935.0/23

In: 2353.243+/-0.851 χ^2/NDF : 91823.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2336.210+/-0.565 χ^2/NDF : 171935.0/23

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 33.354+/-1.255 χ^2/NDF : 441.6/10

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

Right Out: 19.572+/-1.109 χ^2/NDF : 495.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

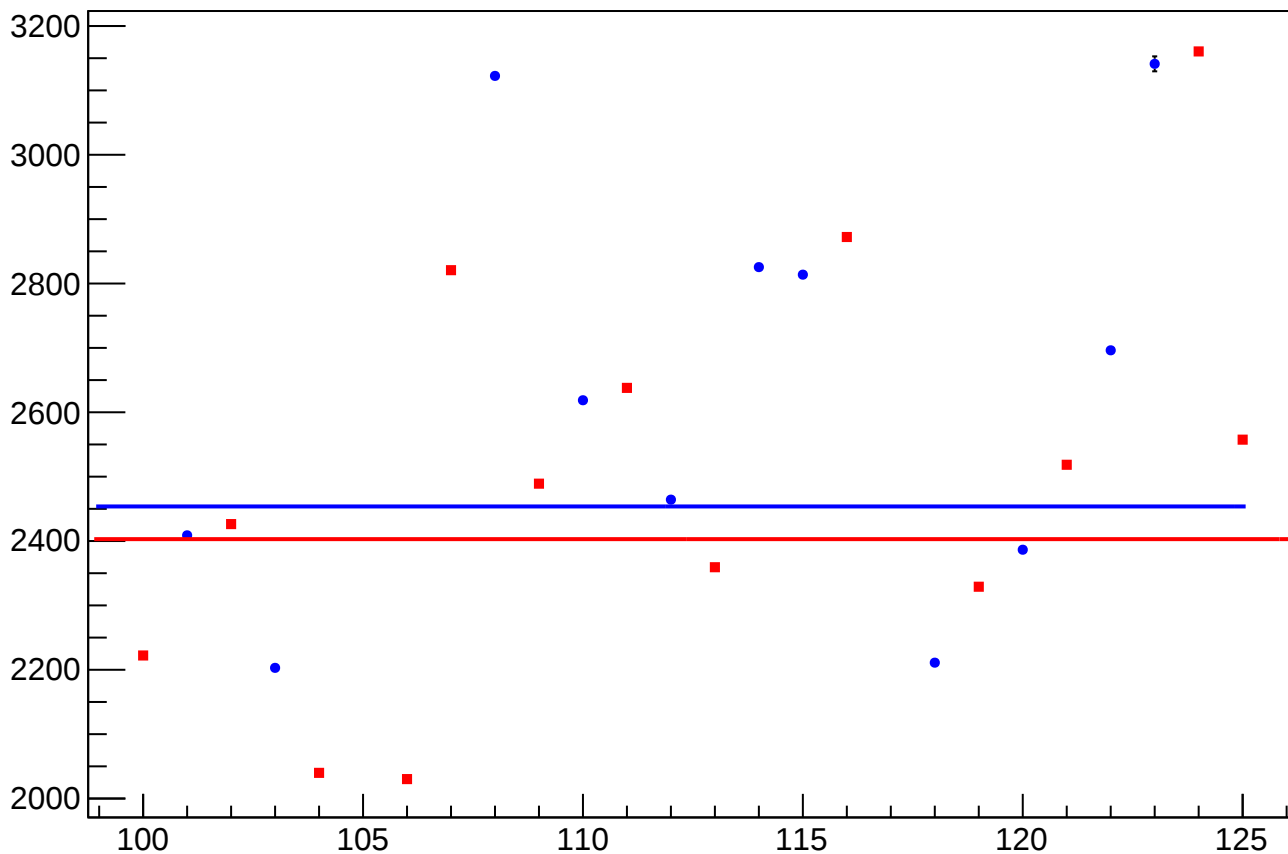
Right: 25.612+/-0.831 χ^2/NDF : 1004.8/23

In: 33.354+/-1.255 χ^2/NDF : 441.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.612+/-0.831 χ^2/NDF : 1004.8/23

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2453.716+/-0.888 χ^2/NDF : 83114.8/10

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

Right Out: 2402.938+/-0.784 χ^2/NDF : 110871.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

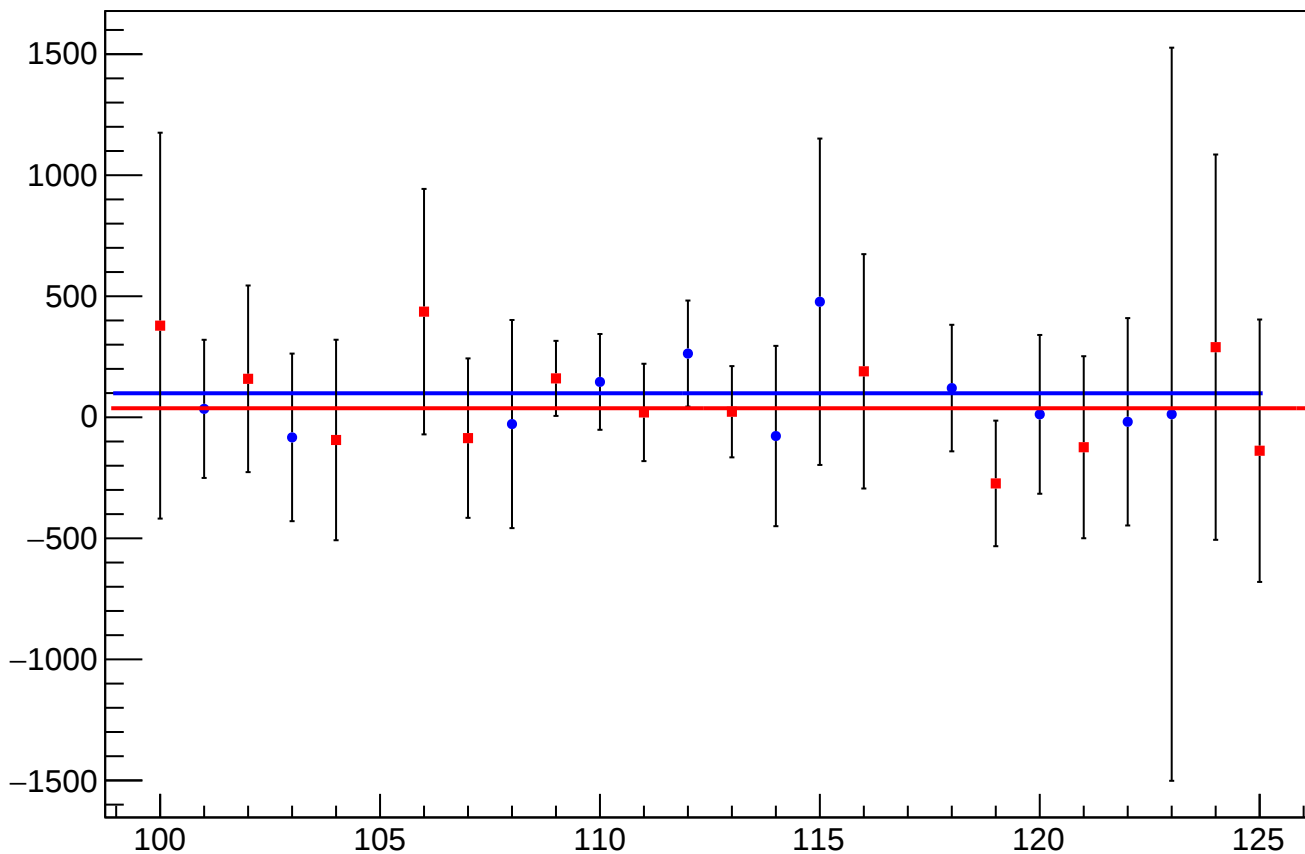
Right: 2425.191+/-0.588 χ^2/NDF : 195825.0/23

In: 2453.716+/-0.888 χ^2/NDF : 83114.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2425.191+/-0.588 χ^2/NDF : 195825.0/23

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 99.255+/-94.633 χ^2/NDF : 1.7/10

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

Right Out: 37.385+/-80.861 χ^2/NDF : 3.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

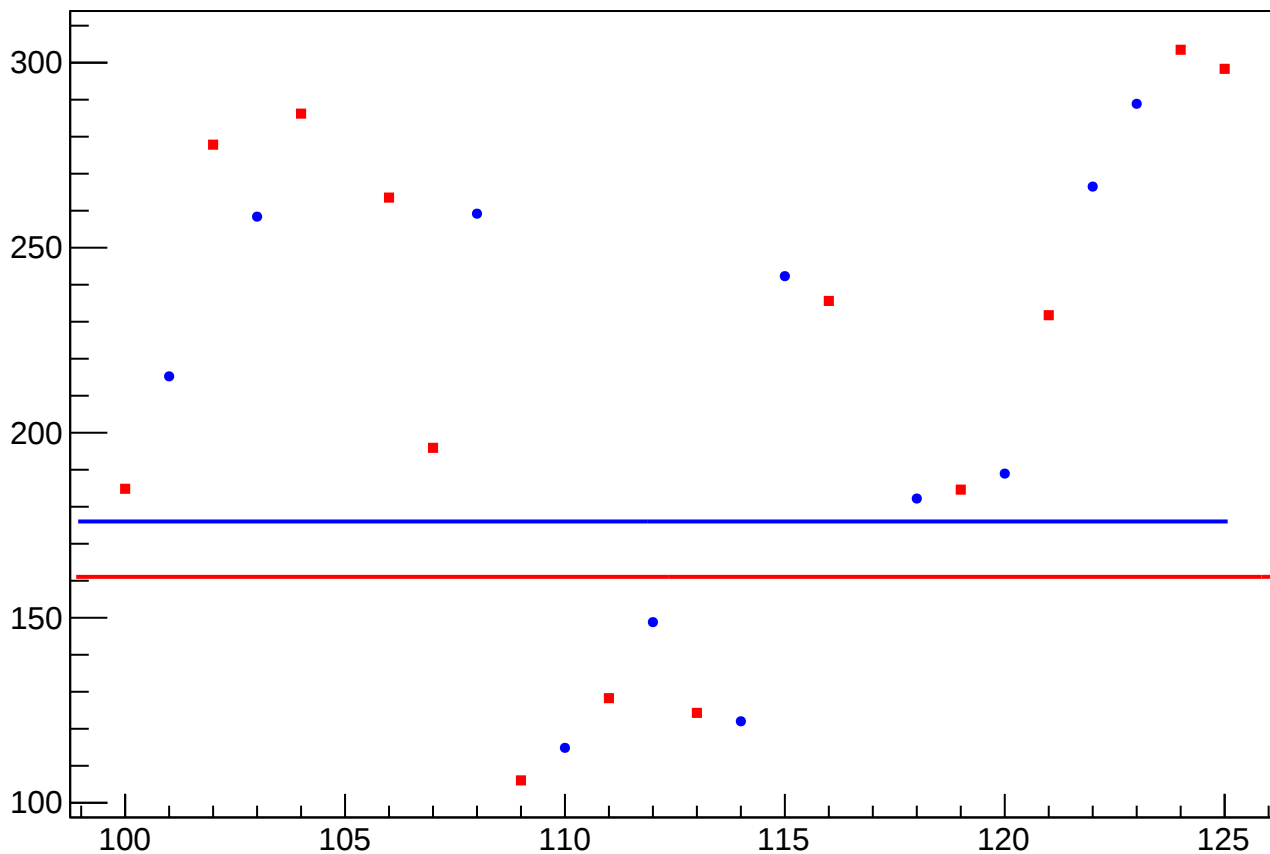
Right: 63.495+/-61.475 χ^2/NDF : 5.7/23

In: 99.255+/-94.633 χ^2/NDF : 1.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.495+/-61.475 χ^2/NDF : 5.7/23

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 176.020+/-0.067 χ^2/NDF : 613973.4/10

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

Right Out: 161.057+/-0.057 χ^2/NDF : 1180369.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

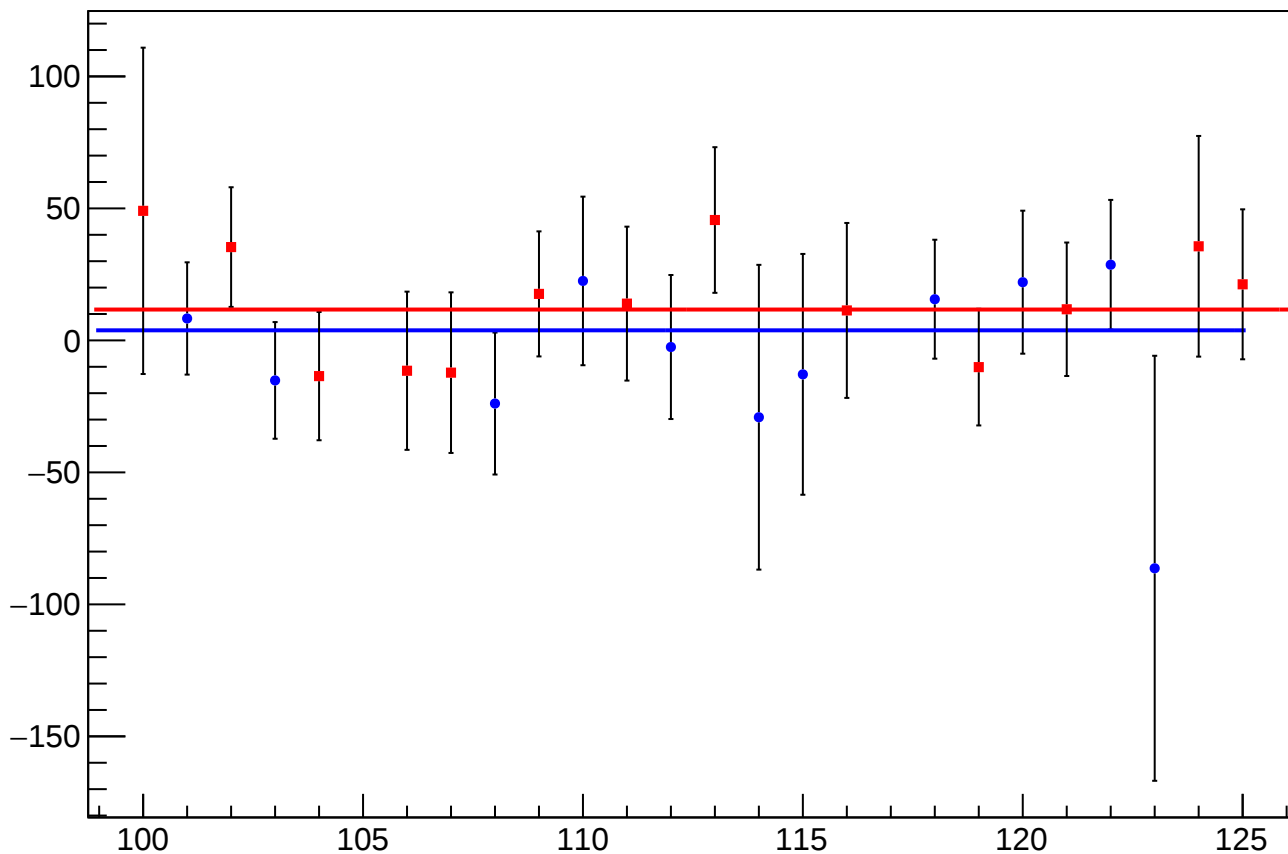
Right: 167.371+/-0.043 χ^2/NDF : 1823247.5/23

In: 176.020+/-0.067 χ^2/NDF :613973.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 167.371+/-0.043 χ^2/NDF : 1823247.5/23

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.815+/-8.485 χ^2/NDF : 5.7/10

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

Right Out: 11.688+/-7.737 χ^2/NDF : 6.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

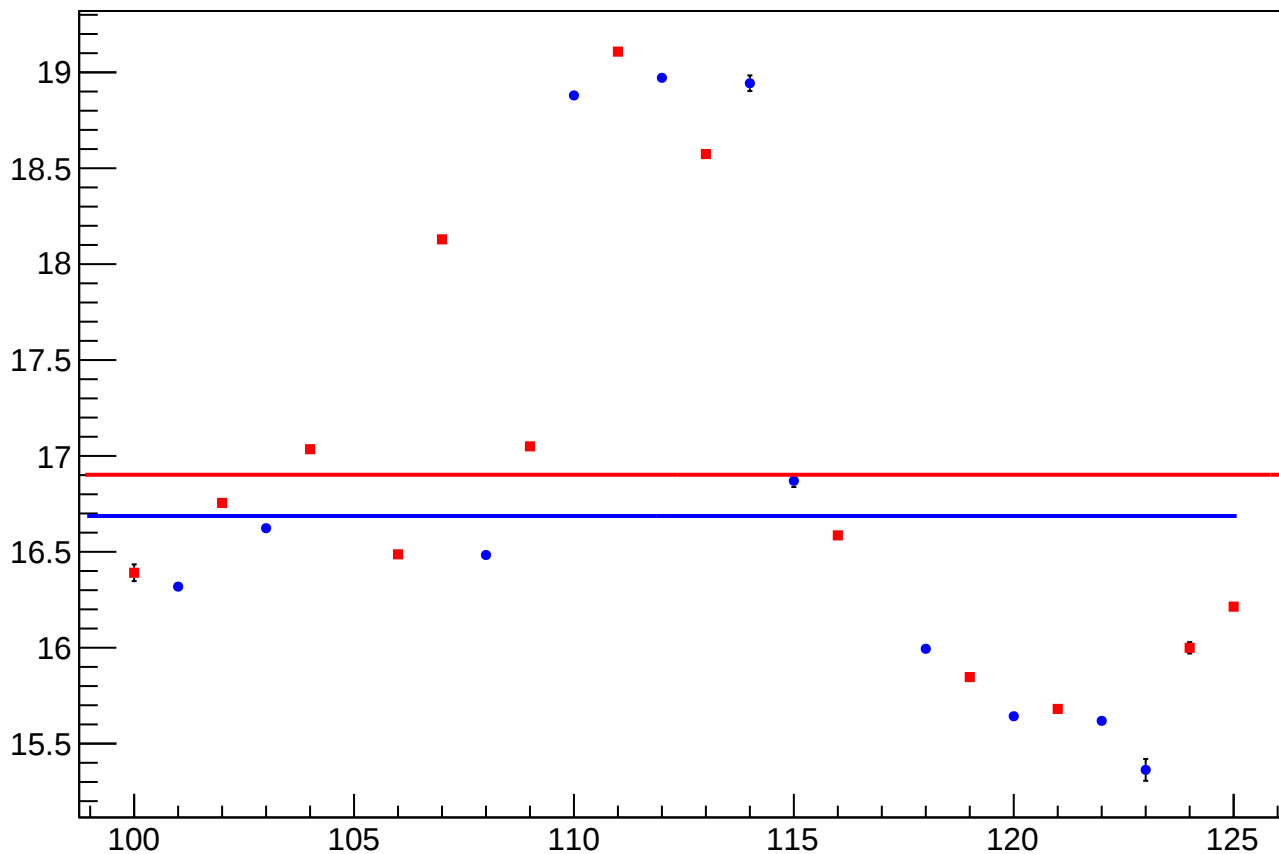
Right: 8.113+/-5.717 χ^2/NDF : 12.9/23

In: 3.815+/-8.485 χ^2/NDF : 5.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.113+/-5.717 χ^2/NDF : 12.9/23

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.687+/-0.006 χ^2/NDF : 36462.4/10

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

Right Out: 16.902+/-0.005 χ^2/NDF : 34307.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

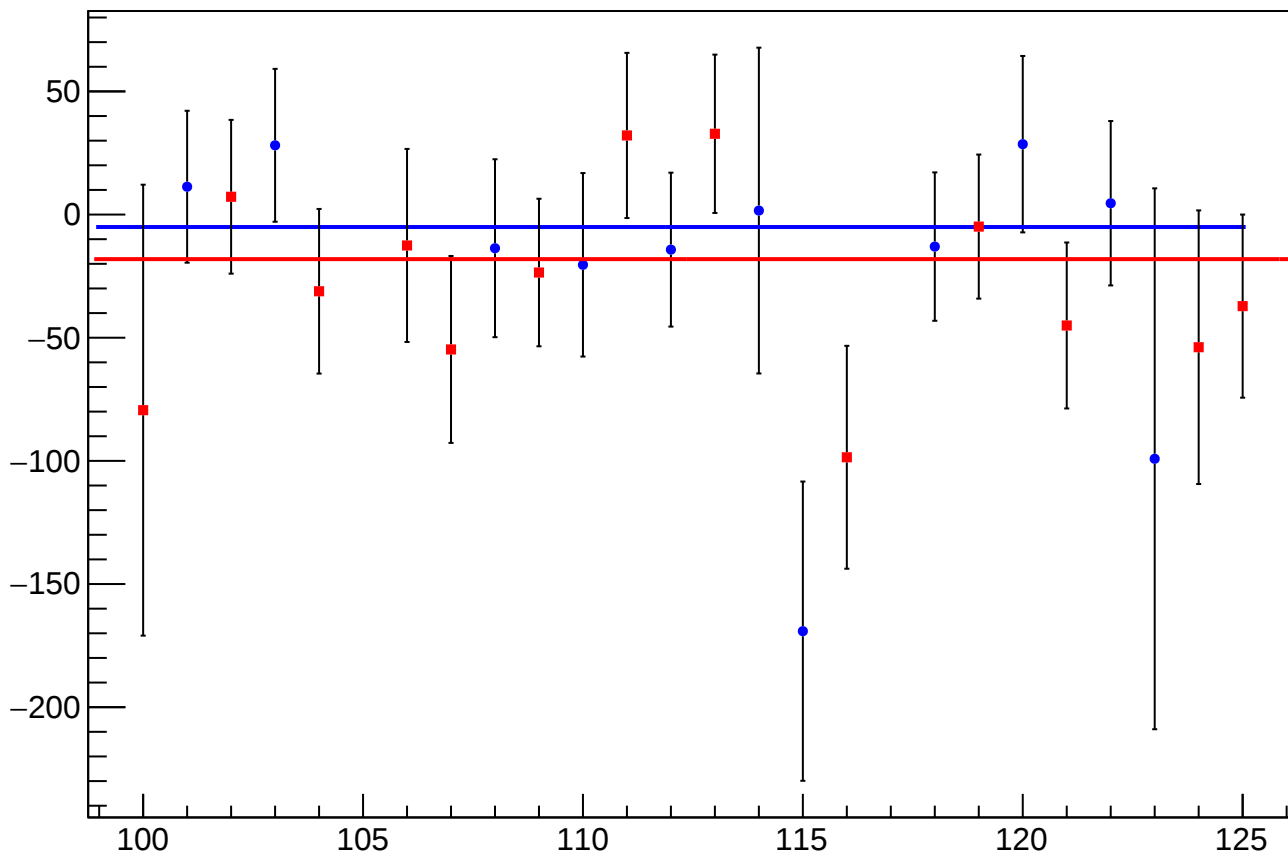
Right: 16.804+/-0.004 χ^2/NDF : 71472.3/23

In: 16.687+/-0.006 χ^2/NDF :36462.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 16.804+/-0.004 χ^2/NDF : 71472.3/23

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.059 ± 11.205 χ^2/NDF : 10.8/10

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

Right Out: -18.095 ± 10.028 χ^2/NDF : 11.7/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

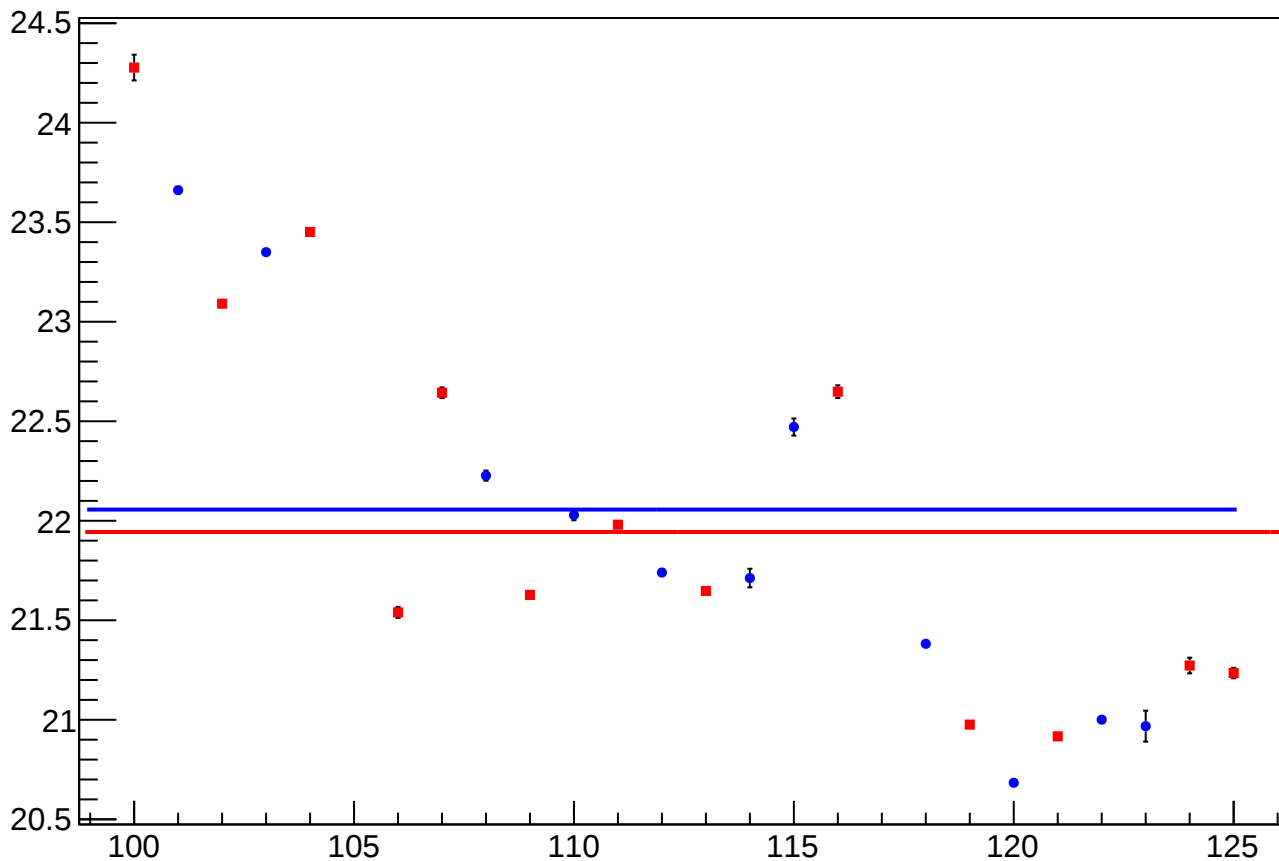
Right: -12.298 ± 7.472 χ^2/NDF : 23.2/23

In: -5.059 ± 11.205 χ^2/NDF : 10.8/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.298 ± 7.472 χ^2/NDF : 23.2/23

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.056+/-0.008 χ^2/NDF : 15430.2/10

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

Right Out: 21.944+/-0.007 χ^2/NDF : 14911.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

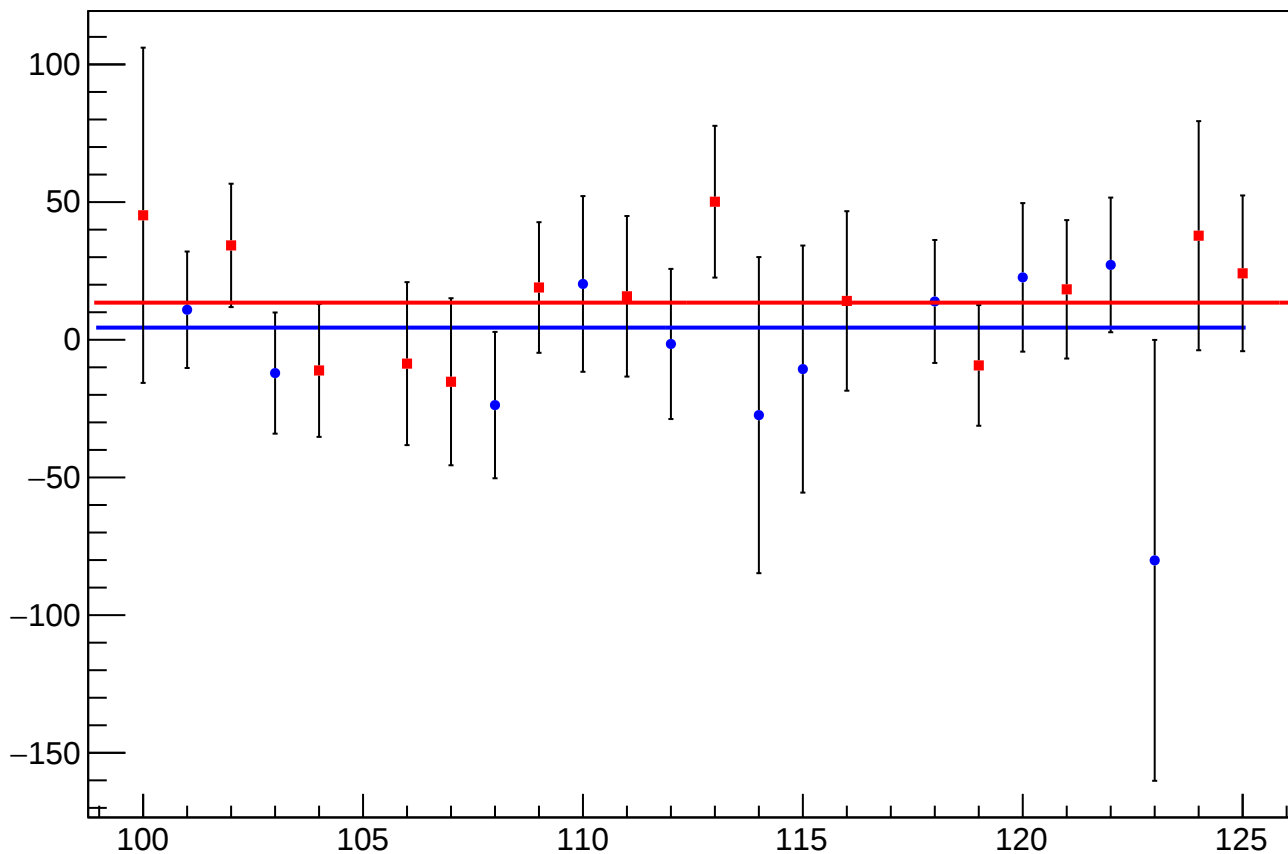
Right: 21.994+/-0.005 χ^2/NDF : 30454.0/23

In: 22.056+/-0.008 χ^2/NDF : 15430.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.994+/-0.005 χ^2/NDF : 30454.0/23

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 4.421+/-8.435 χ^2/NDF : 5.1/10

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

Right Out: 13.487+/-7.689 χ^2/NDF : 7.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

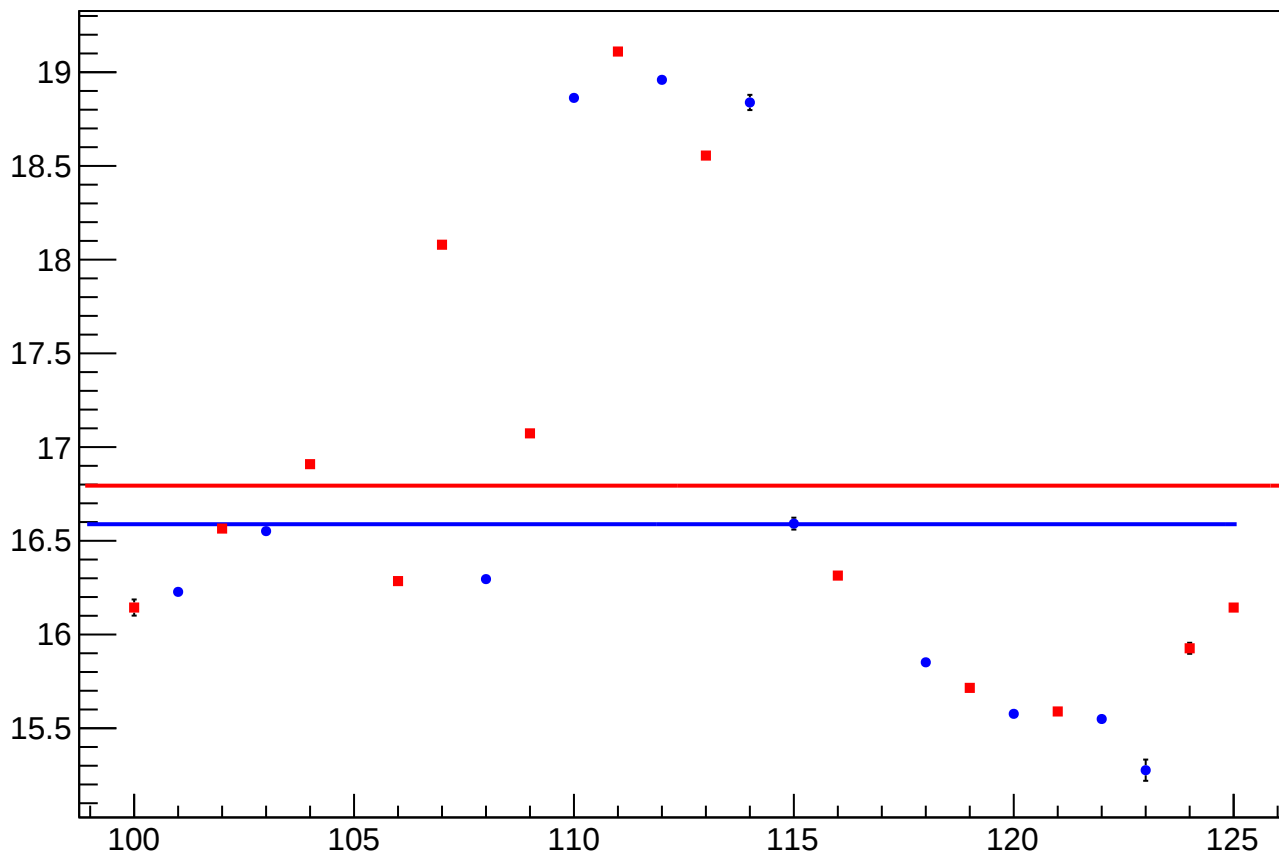
Right: 9.373+/-5.682 χ^2/NDF : 12.8/23

In: 4.421+/-8.435 χ^2/NDF : 5.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.373+/-5.682 χ^2/NDF : 12.8/23

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.589+/-0.006 χ^2/NDF : 38334.7/10

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

Right Out: 16.794+/-0.005 χ^2/NDF : 37531.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

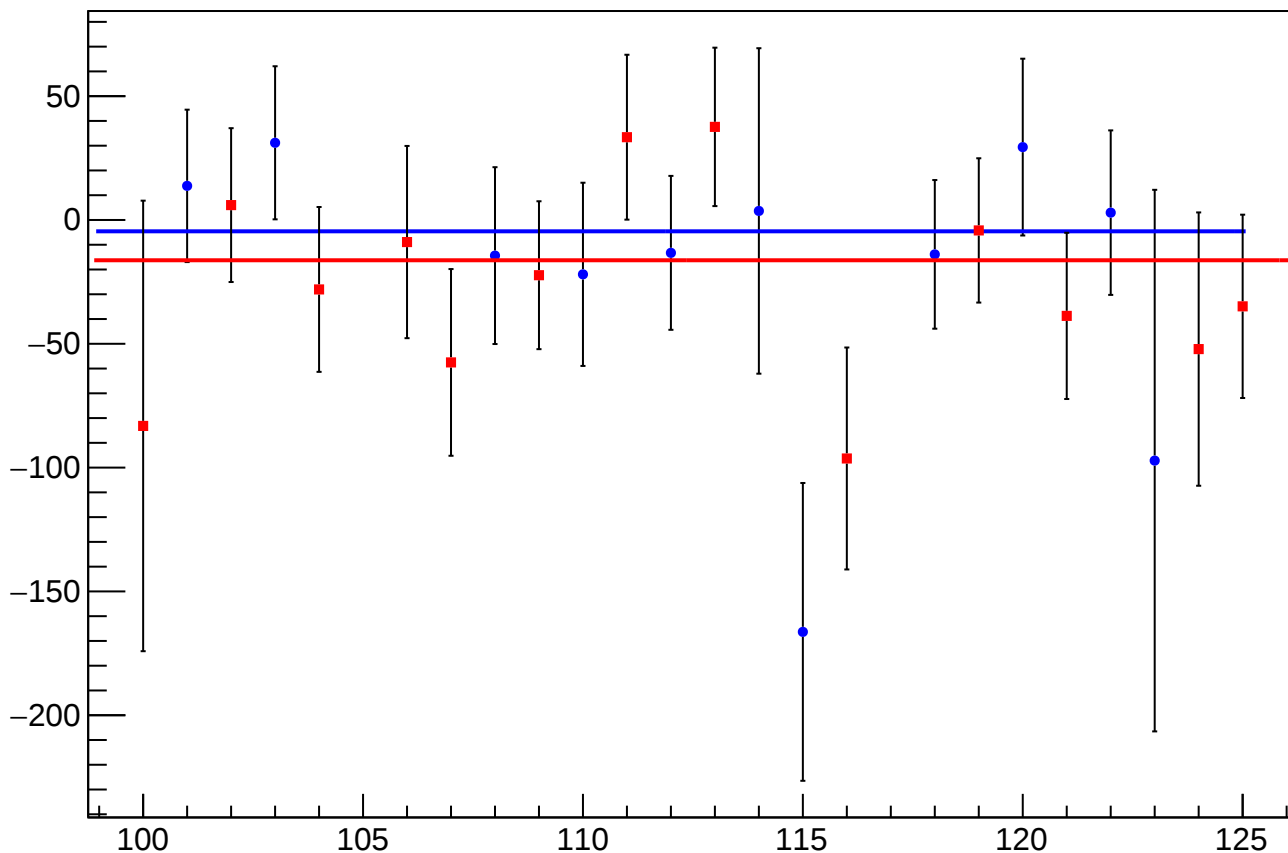
Right: 16.701+/-0.004 χ^2/NDF : 76515.6/23

In: 16.589+/-0.006 χ^2/NDF : 38334.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.701+/-0.004 χ^2/NDF : 76515.6/23

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.577 ± 11.149 χ^2/NDF : 11.1/10

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

Right Out: -16.270 ± 9.975 χ^2/NDF : 12.0/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

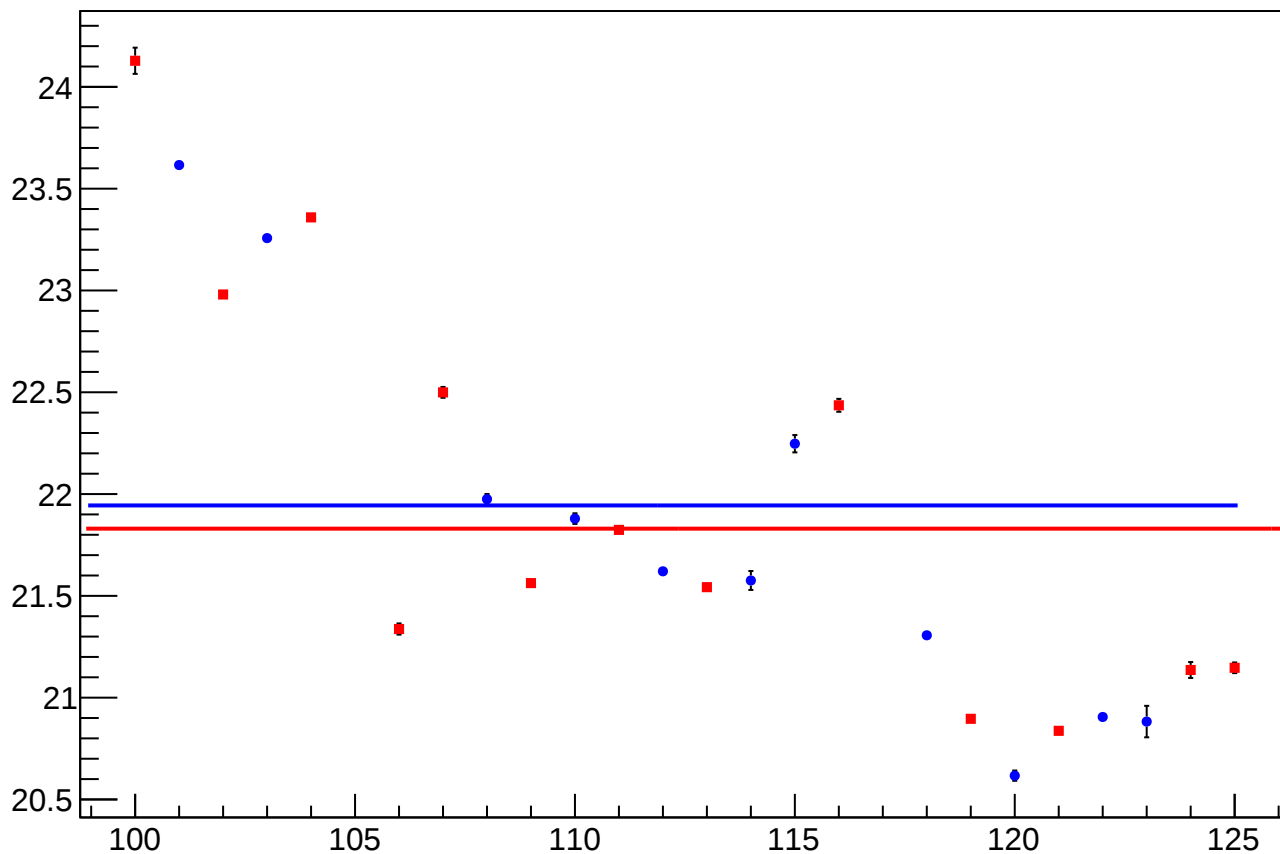
Right: -11.071 ± 7.434 χ^2/NDF : 23.7/23

In: -4.577 ± 11.149 χ^2/NDF : 11.1/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.071 ± 7.434 χ^2/NDF : 23.7/23

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 21.944+/-0.008 χ^2/NDF : 15663.9/10

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

Right Out: 21.830+/-0.007 χ^2/NDF : 14681.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

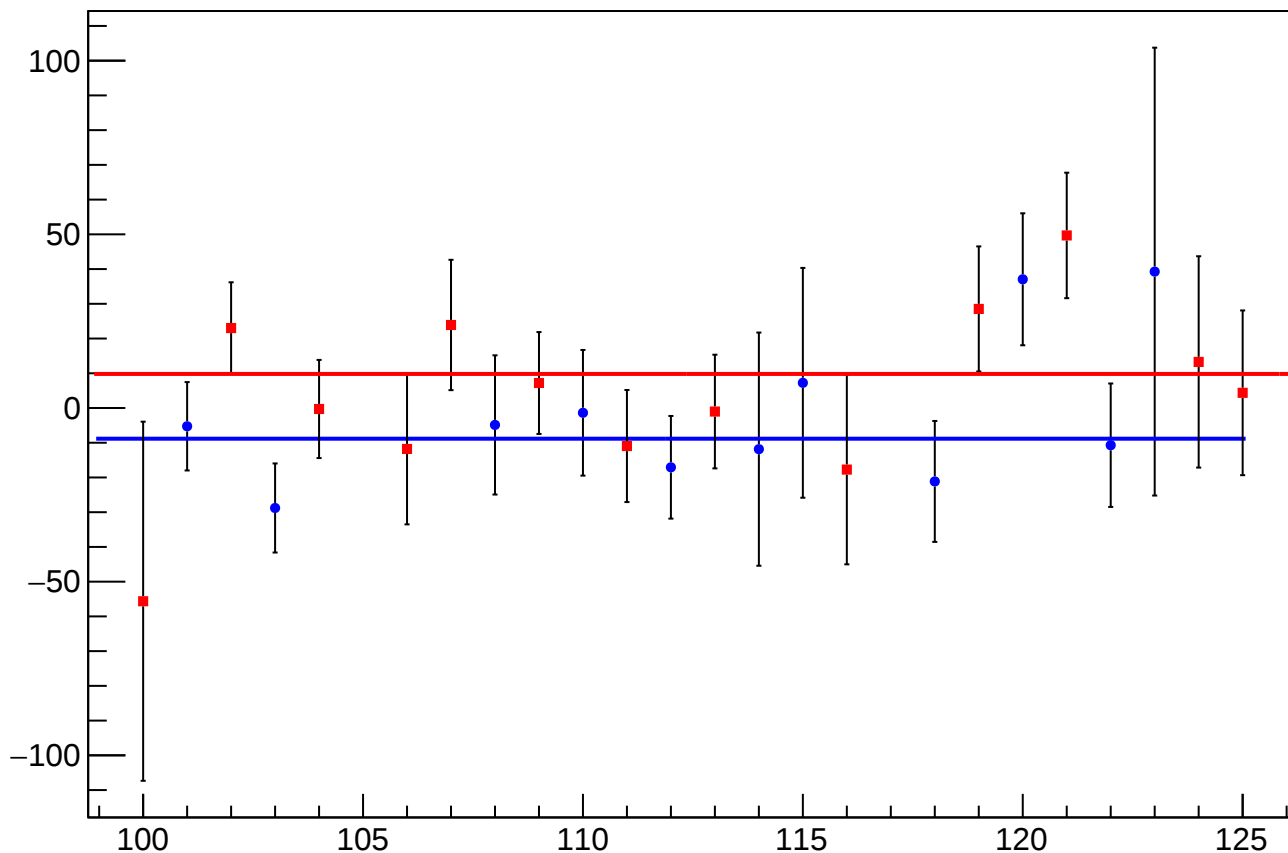
Right: 21.881+/-0.005 χ^2/NDF : 30461.2/23

In: 21.944+/-0.008 χ^2/NDF : 15663.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.881+/-0.005 χ^2/NDF : 30461.2/23

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -8.839+/-5.450 χ^2/NDF : 10.2/10

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

Right Out: 9.807+/-5.085 χ^2/NDF : 13.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

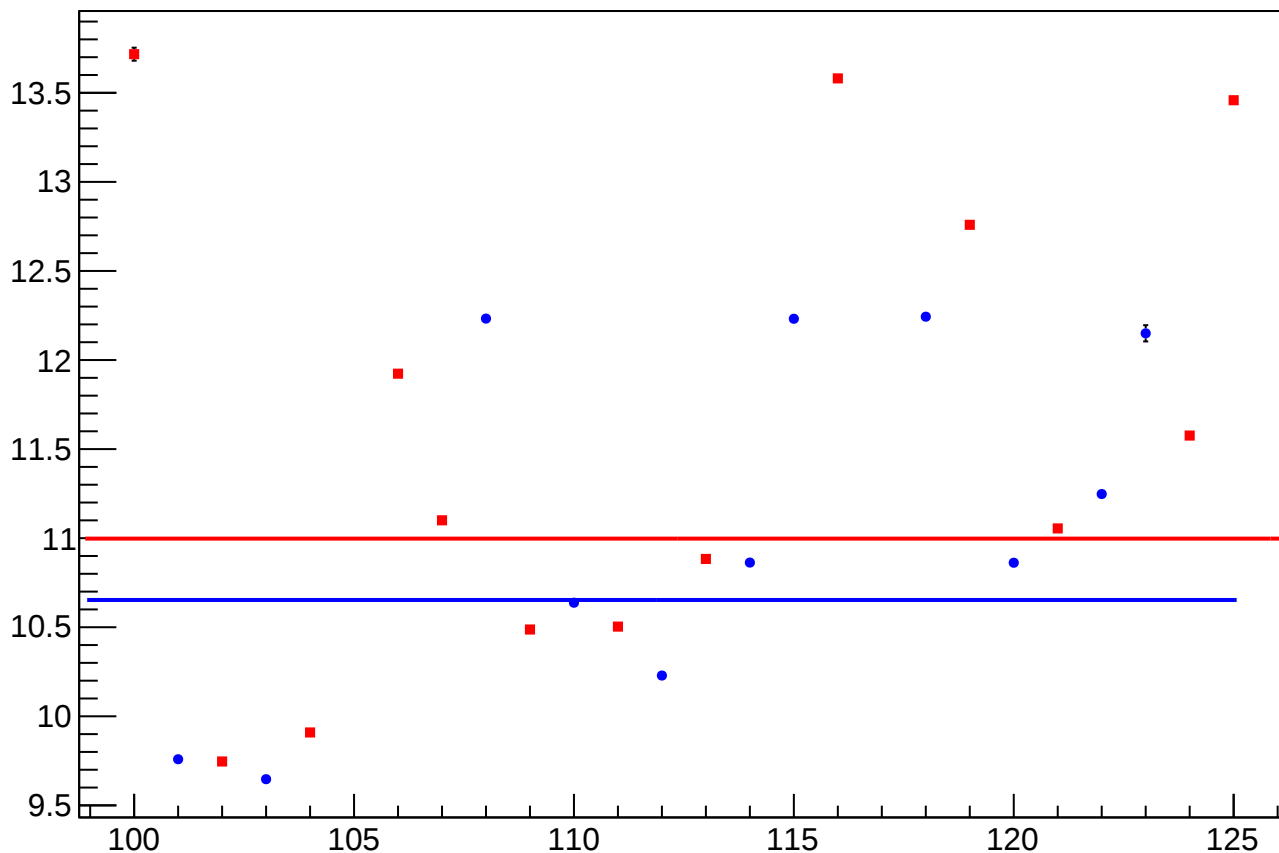
Right: 1.131+/-3.718 χ^2/NDF : 30.3/23

In: -8.839+/-5.450 χ^2/NDF : 10.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.131+/-3.718 χ^2/NDF : 30.3/23

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.653+/-0.004 χ^2/NDF : 61136.1/10

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

Right Out: 10.997+/-0.004 χ^2/NDF : 102871.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

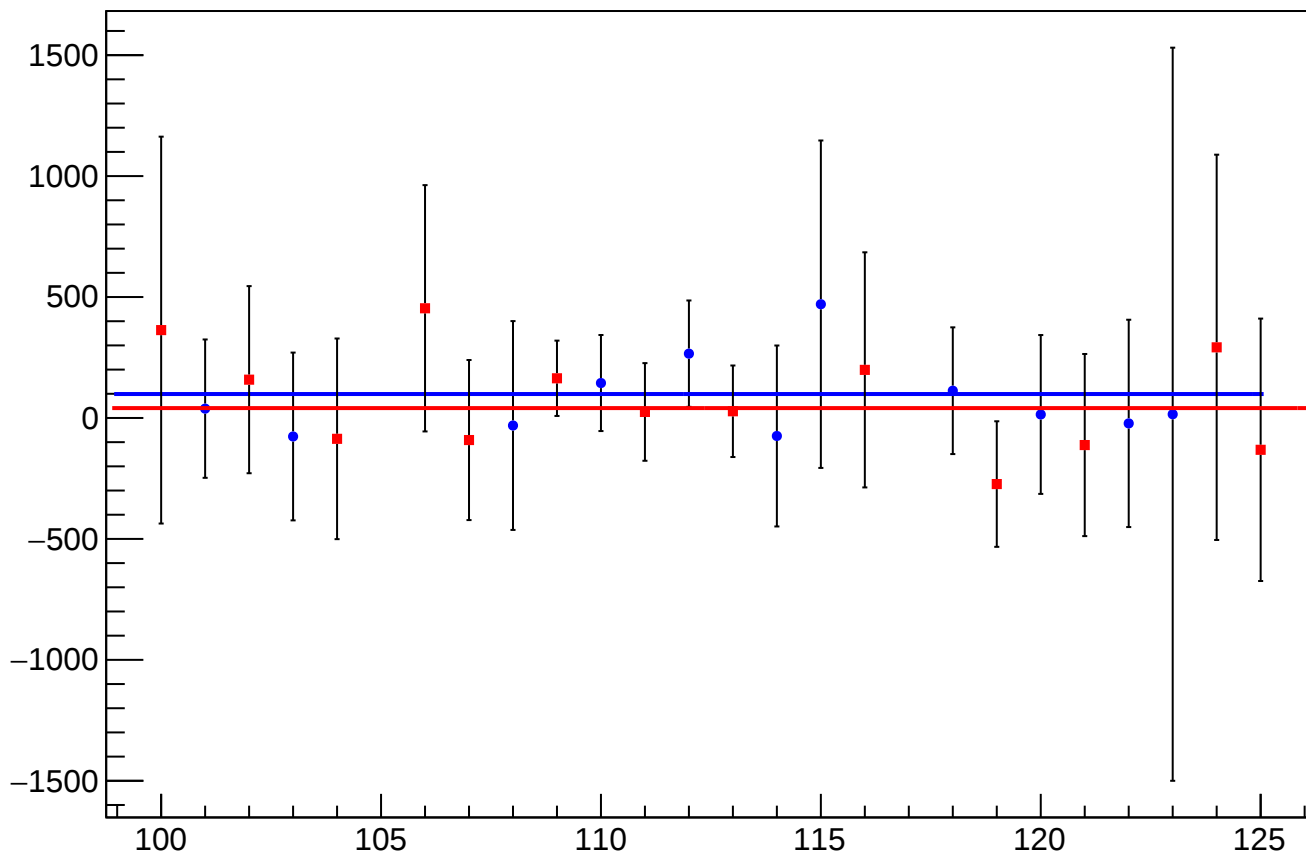
Right: 10.837+/-0.003 χ^2/NDF : 168278.5/23

In: 10.653+/-0.004 χ^2/NDF : 61136.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.837+/-0.003 χ^2/NDF : 168278.5/23

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: 98.989+/-94.910 χ^2/NDF : 1.7/10

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

Right Out: 40.842+/-81.143 χ^2/NDF : 3.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

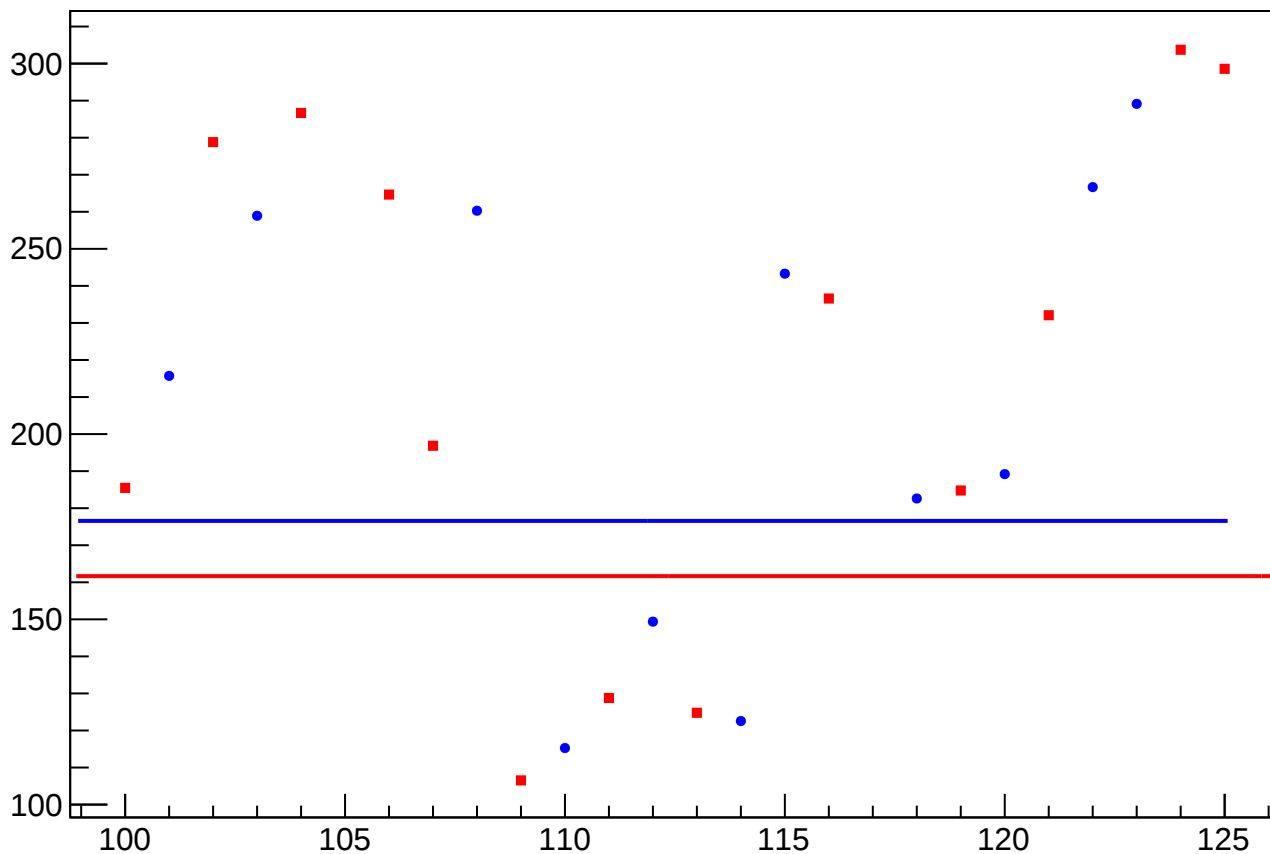
Right: 65.396+/-61.675 χ^2/NDF : 5.6/23

In: 98.989+/-94.910 χ^2/NDF : 1.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.396+/-61.675 χ^2/NDF : 5.6/23

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 176.564 $\pm$ 0.067 χ^2 /NDF: 611311.6/10

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

Right Out: 161.666 $\pm$ 0.057 χ^2 /NDF: 1175587.4/12

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

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

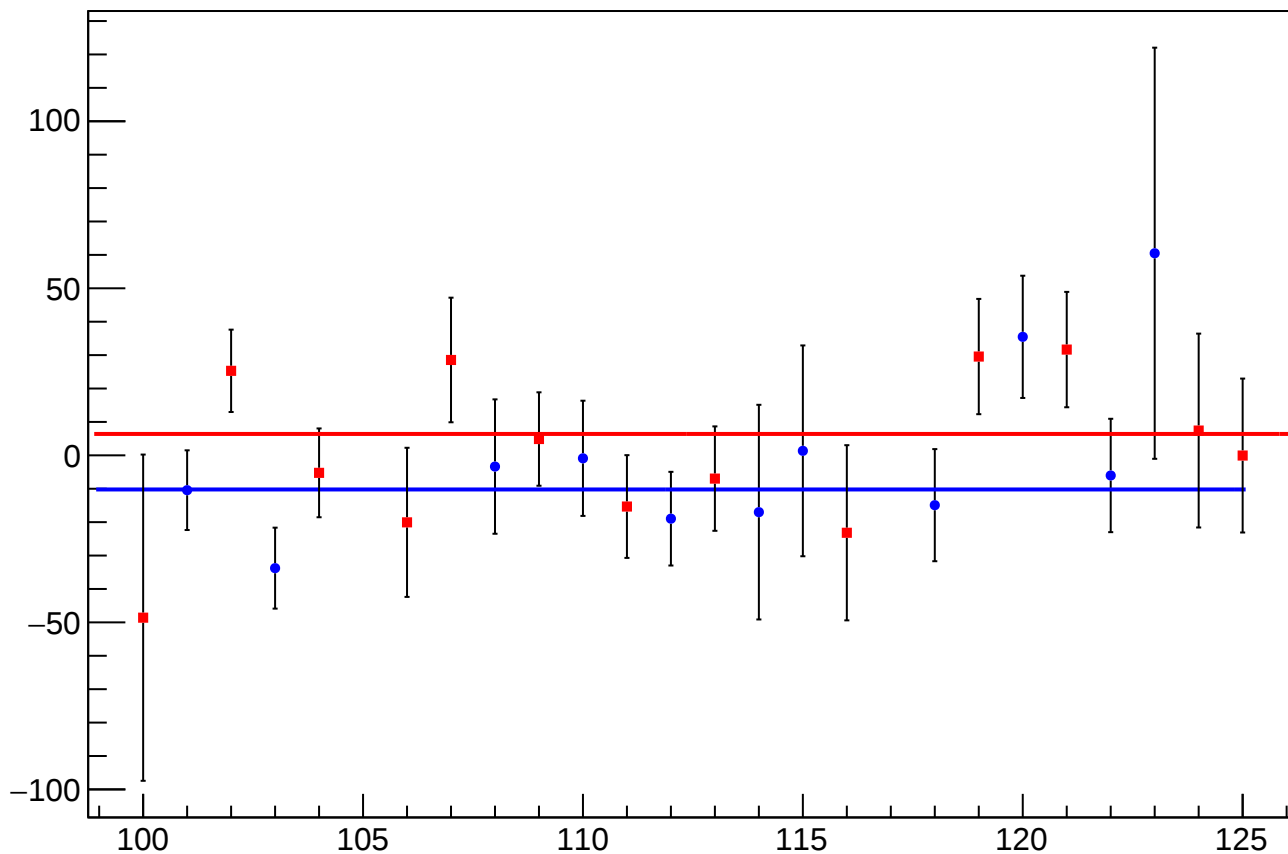
Right: 167.957 $\pm$ 0.044 χ^2 /NDF: 1815369.7/23

In: 176.564 $\pm$ 0.067 χ^2 /NDF:611311.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 167.957 $\pm$ 0.044 χ^2 /NDF: 1815369.7/23

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -10.216 $\pm$ 5.198 χ^2/NDF : 12.4/10

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

Right Out: 6.403 $\pm$ 4.867 χ^2/NDF : 15.2/12

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

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

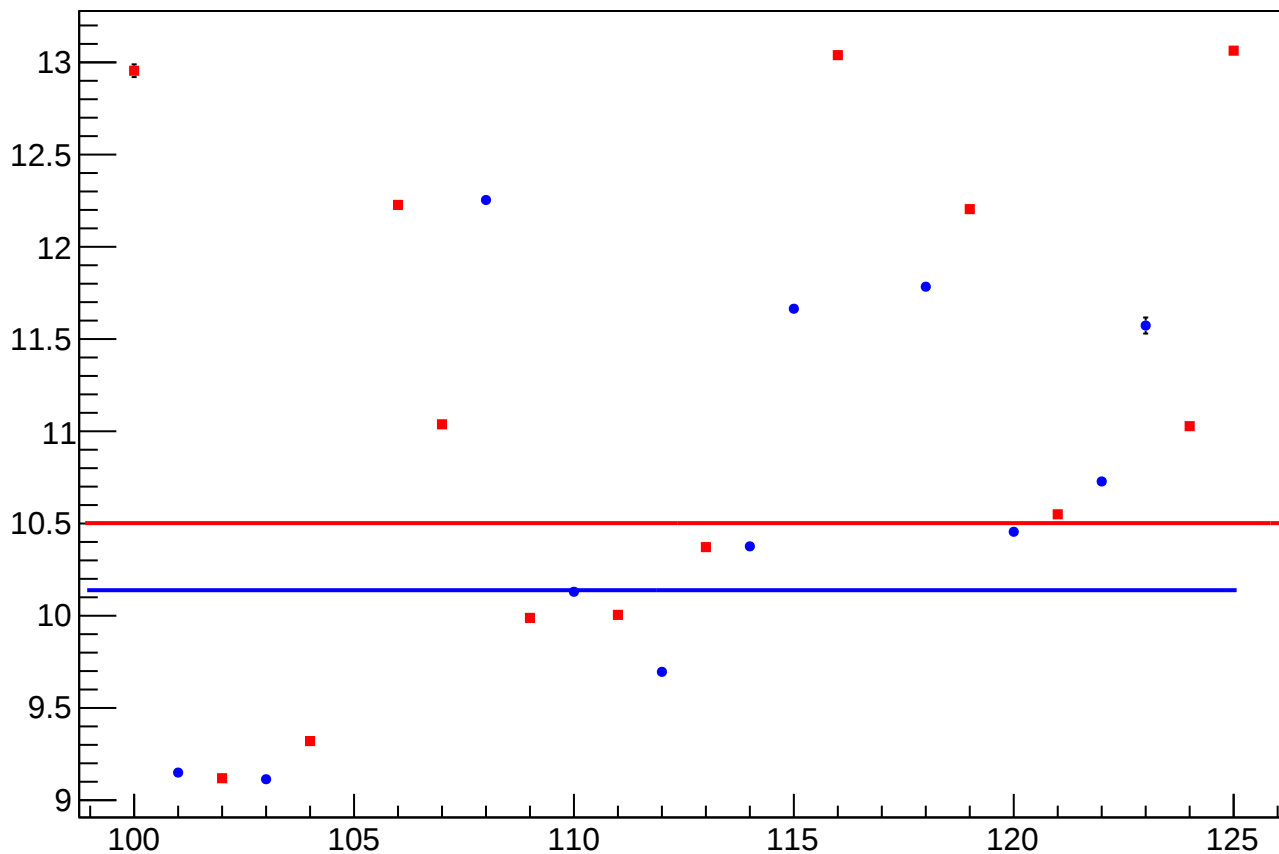
Right: -1.360 $\pm$ 3.553 χ^2/NDF : 33.1/23

In: -10.216 $\pm$ 5.198 χ^2/NDF : 12.4/10

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

All: -1.360 $\pm$ 3.553 χ^2/NDF : 33.1/23

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.138+/-0.004 χ^2/NDF : 80276.2/10

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

Right Out: 10.502+/-0.003 χ^2/NDF : 128133.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

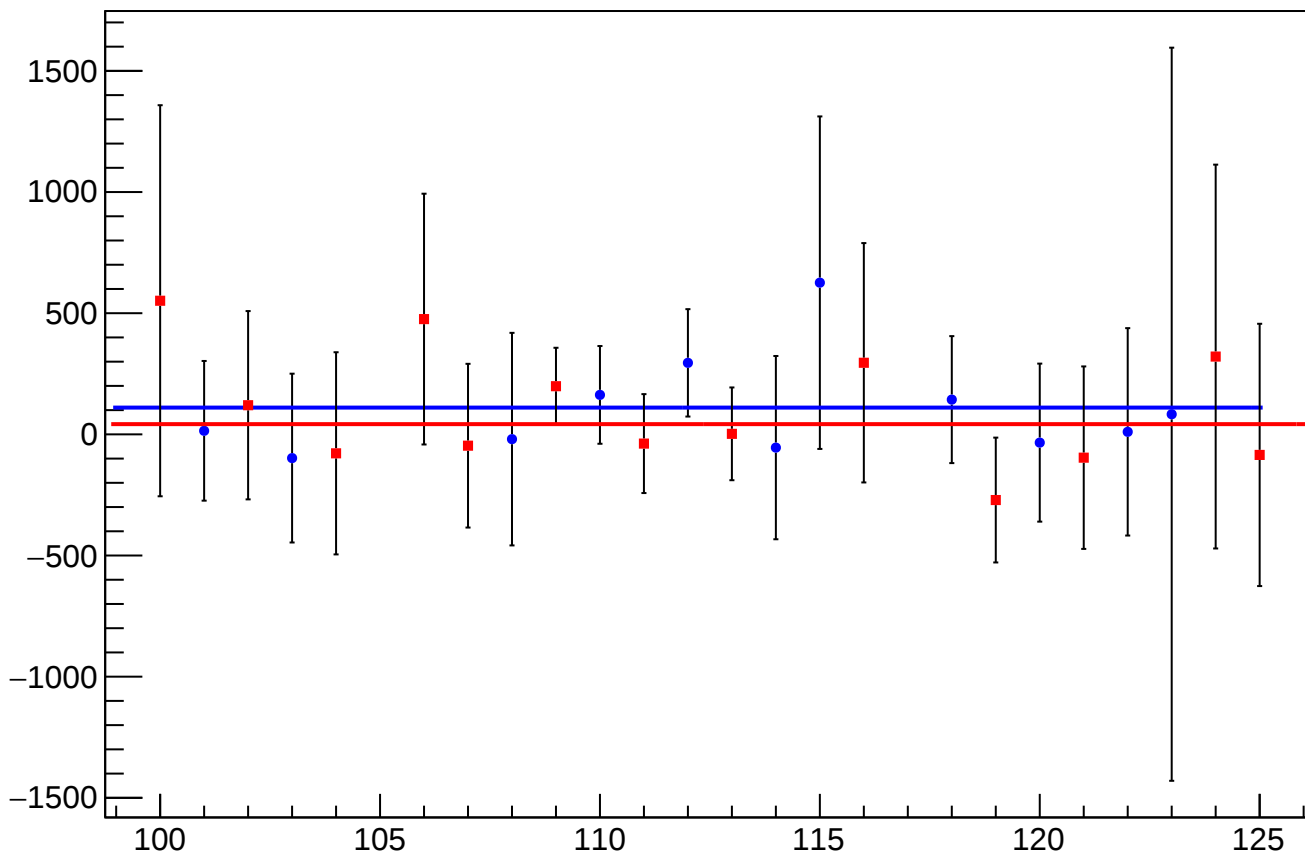
Right: 10.332+/-0.003 χ^2/NDF : 213625.6/23

In: 10.138+/-0.004 χ^2/NDF :80276.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 10.332+/-0.003 χ^2/NDF : 213625.6/23

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 110.471 $\pm$ 95.602 χ^2 /NDF: 2.3/10

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

Right Out: 42.177 $\pm$ 82.013 χ^2 /NDF: 4.5/12

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

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

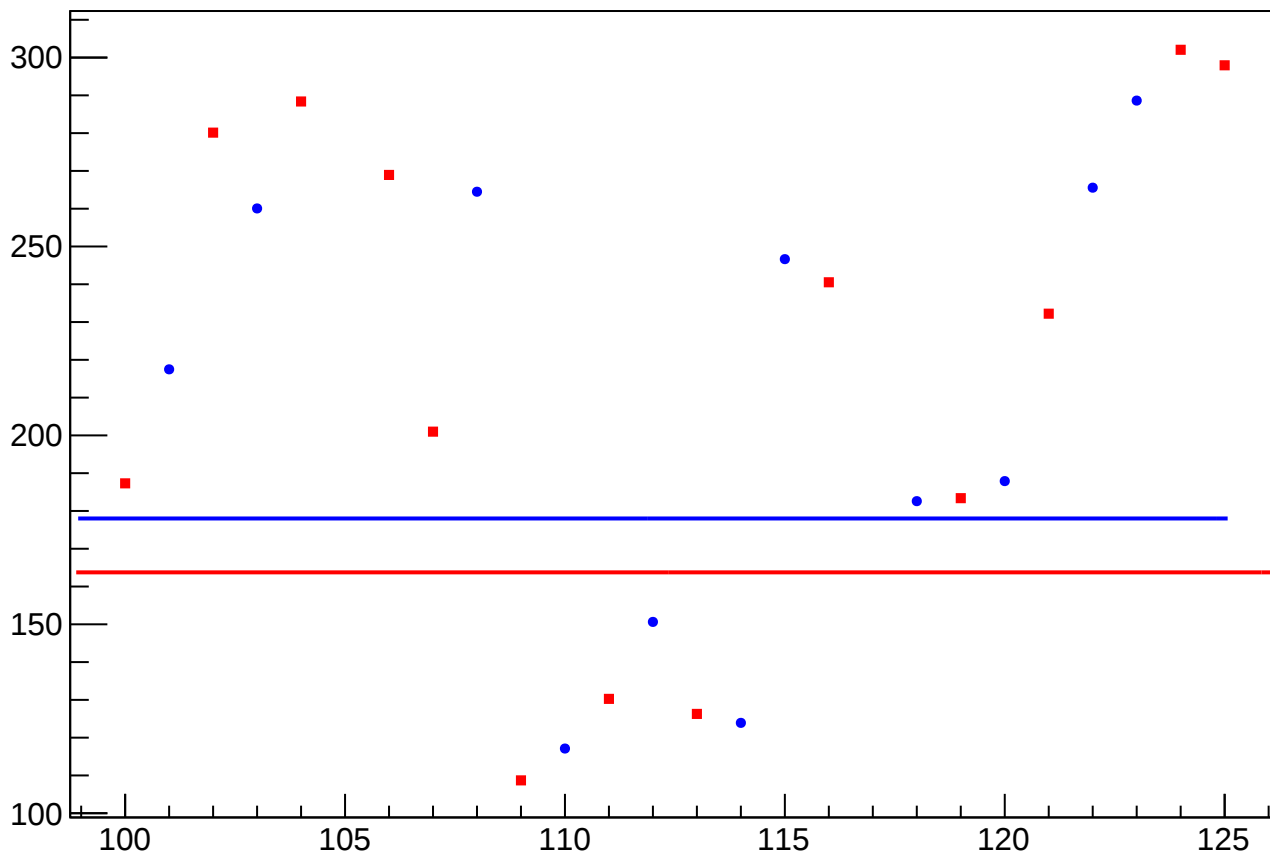
Right: 71.129 $\pm$ 62.247 χ^2 /NDF: 7.2/23

In: 110.471 $\pm$ 95.602 χ^2 /NDF:2.3/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 71.129 $\pm$ 62.247 χ^2 /NDF: 7.2/23

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 178.011+/-0.068 χ^2/NDF : 596905.6/10

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

Right Out: 163.750+/-0.058 χ^2/NDF : 1147989.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

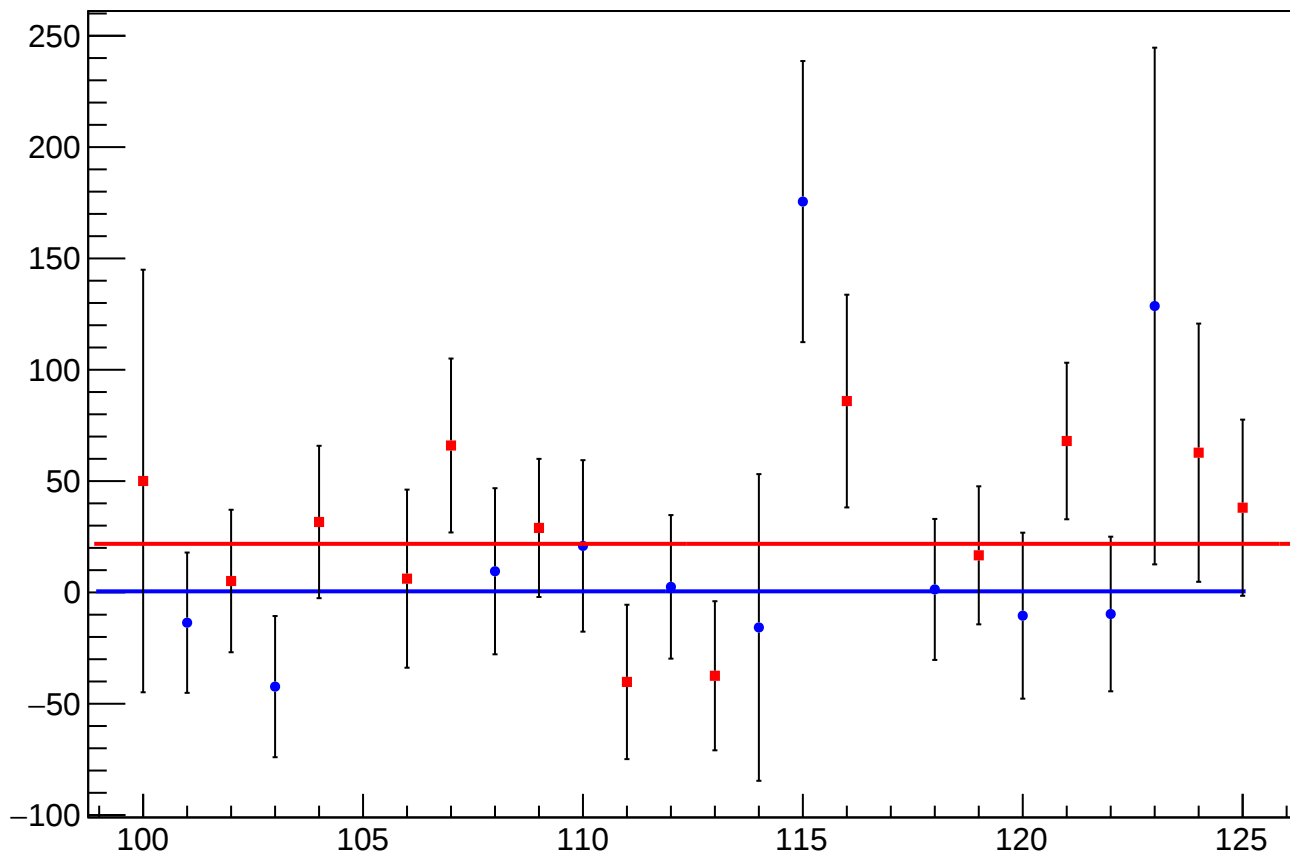
Right: 169.796+/-0.044 χ^2/NDF : 1770534.5/23

In: 178.011+/-0.068 χ^2/NDF : 596905.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.796+/-0.044 χ^2/NDF : 1770534.5/23

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.487+/-11.594 χ^2/NDF : 11.5/10

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

Right Out: 21.821+/-10.420 χ^2/NDF : 12.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

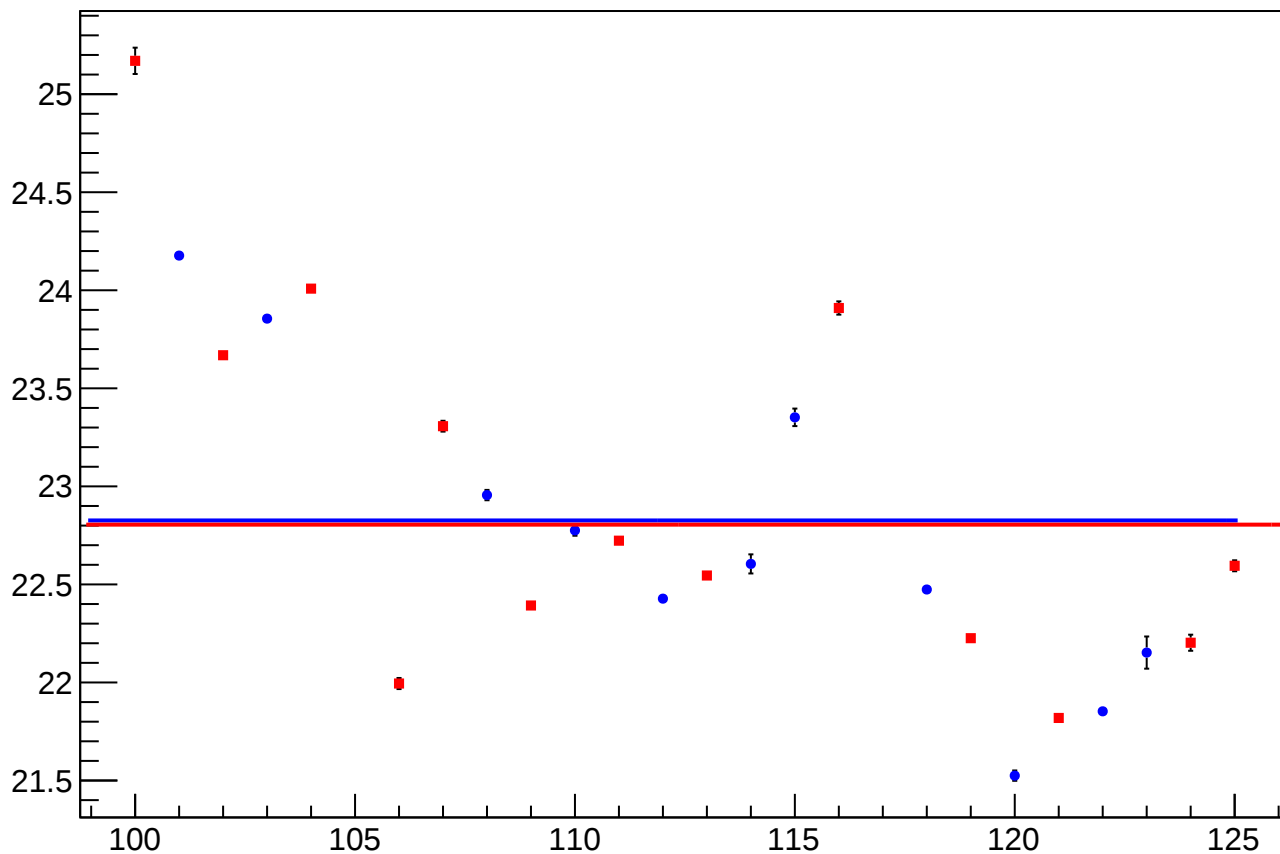
Right: 12.288+/-7.750 χ^2/NDF : 25.9/23

In: 0.487+/-11.594 χ^2/NDF :11.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 12.288+/-7.750 χ^2/NDF : 25.9/23

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.826+/-0.008 χ^2/NDF : 10600.3/10

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

Right Out: 22.805+/-0.007 χ^2/NDF : 10423.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

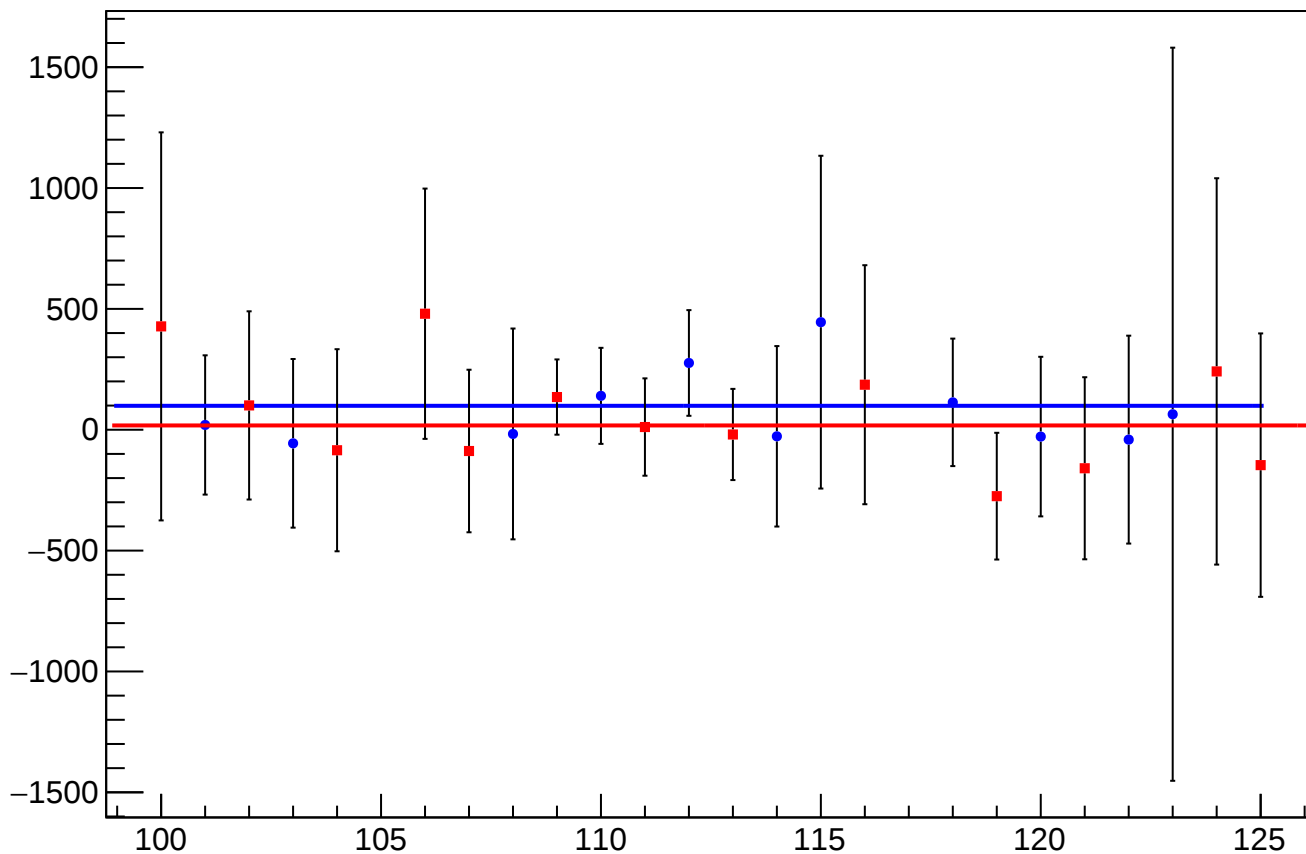
Right: 22.814+/-0.005 χ^2/NDF : 21027.4/23

In: 22.826+/-0.008 χ^2/NDF : 10600.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.814+/-0.005 χ^2/NDF : 21027.4/23

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 99.044+/-95.144 χ^2/NDF : 1.7/10

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

Right Out: 17.790+/-81.348 χ^2/NDF : 3.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

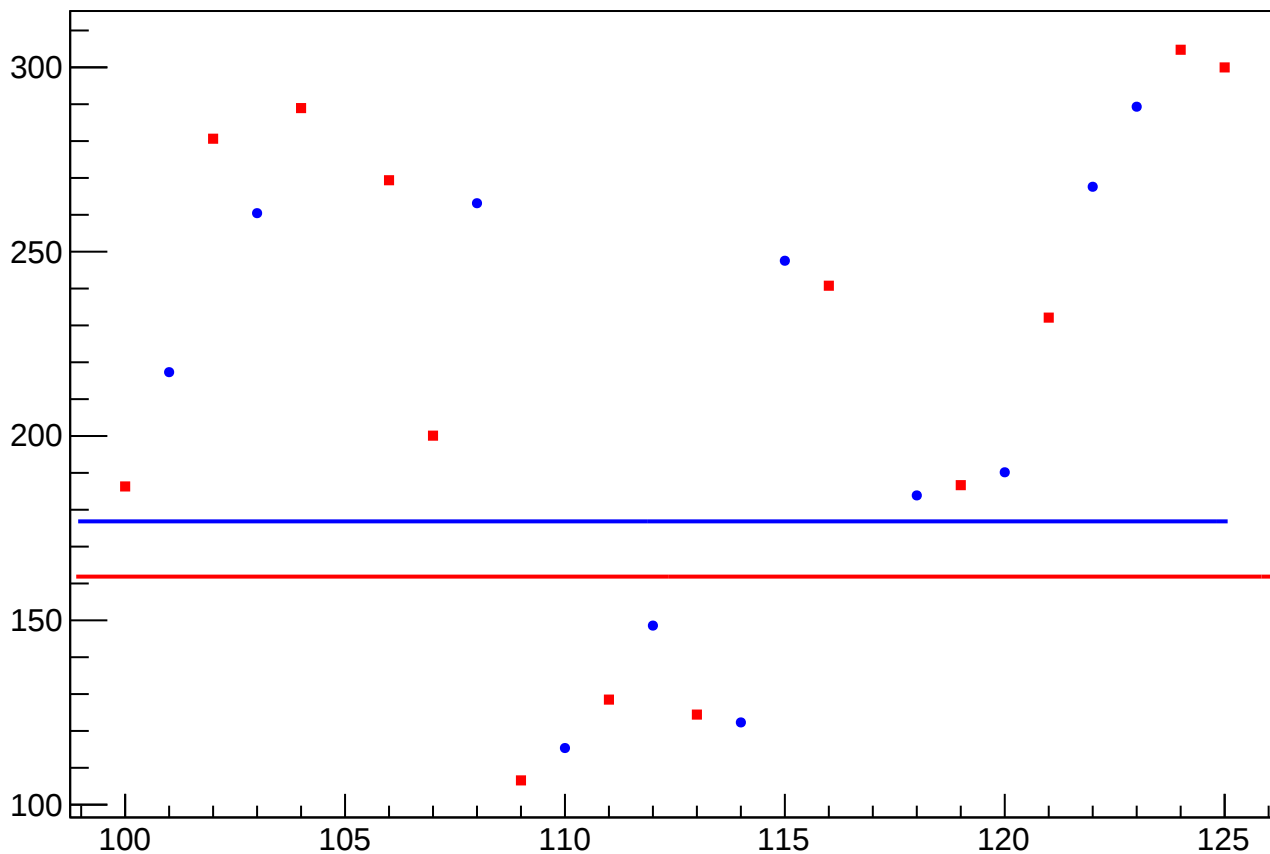
Right: 52.104+/-61.829 χ^2/NDF : 5.7/23

In: 99.044+/-95.144 χ^2/NDF : 1.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.104+/-61.829 χ^2/NDF : 5.7/23

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 176.847 $\pm$ 0.067 χ^2 /NDF: 626182.4/10

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

Right Out: 161.863 $\pm$ 0.058 χ^2 /NDF: 1201683.7/12

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

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

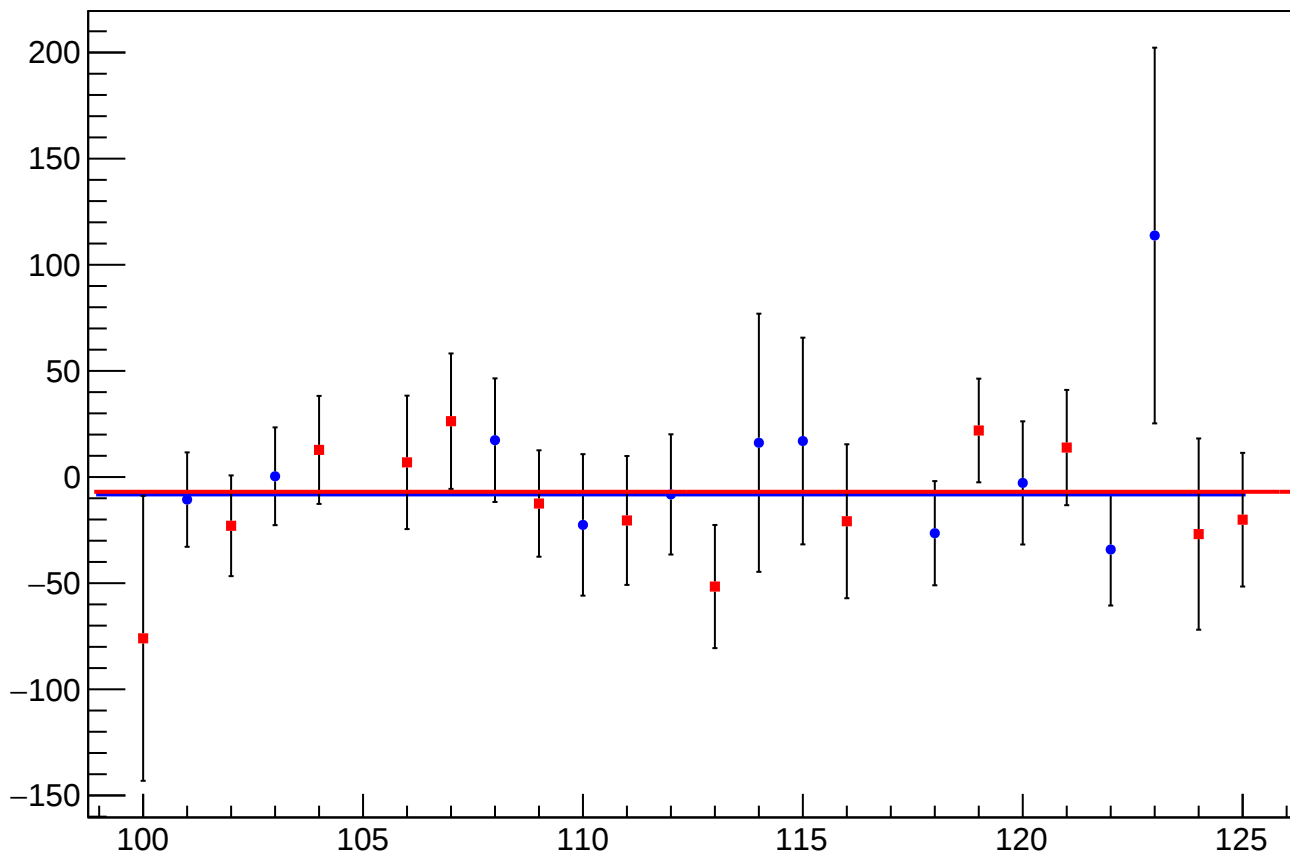
Right: 168.191 $\pm$ 0.044 χ^2 /NDF: 1856524.3/23

In: 176.847 $\pm$ 0.067 χ^2 /NDF:626182.4/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 168.191 $\pm$ 0.044 χ^2 /NDF: 1856524.3/23

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -8.186+/-9.003 χ^2/NDF : 5.0/10

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

Right Out: -6.946+/-8.249 χ^2/NDF : 8.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

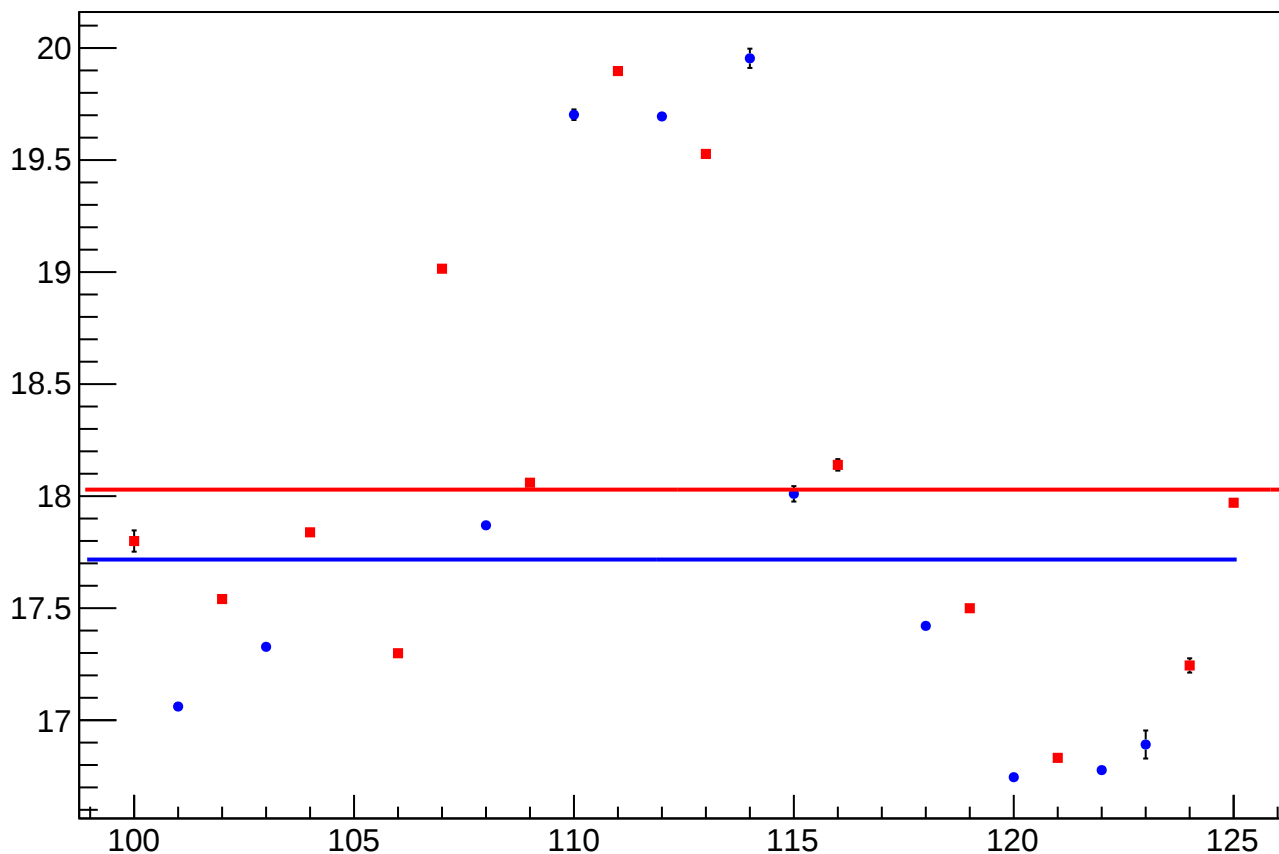
Right: -7.512+/-6.082 χ^2/NDF : 13.5/23

In: -8.186+/-9.003 χ^2/NDF : 5.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.512+/-6.082 χ^2/NDF : 13.5/23

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.717+/-0.006 χ^2/NDF : 27242.0/10

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

Right Out: 18.029+/-0.006 χ^2/NDF : 22339.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

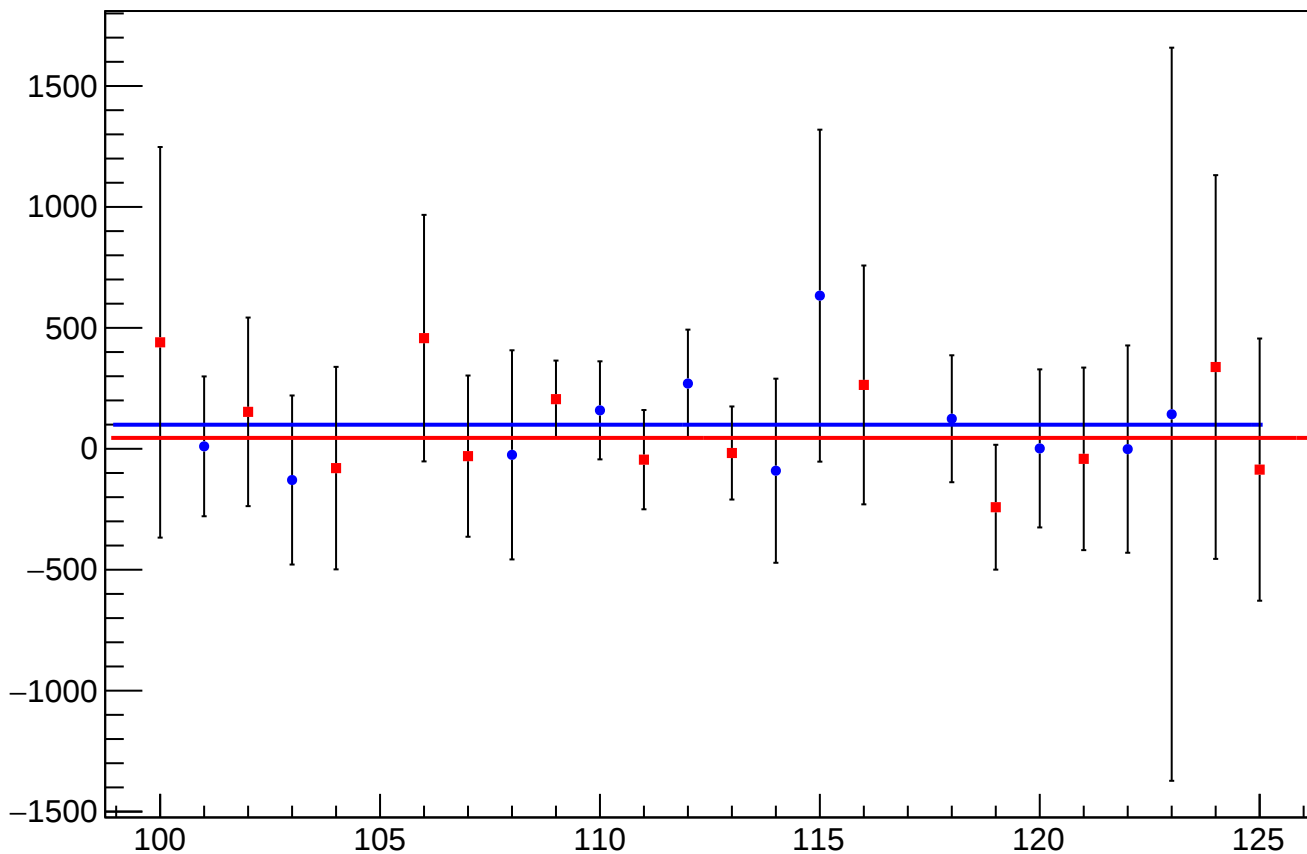
Right: 17.887+/-0.004 χ^2/NDF : 50887.2/23

In: 17.717+/-0.006 χ^2/NDF : 27242.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.887+/-0.004 χ^2/NDF : 50887.2/23

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 99.562+/-95.882 χ^2/NDF : 2.3/10

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

Right Out: 45.058+/-82.233 χ^2/NDF : 4.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

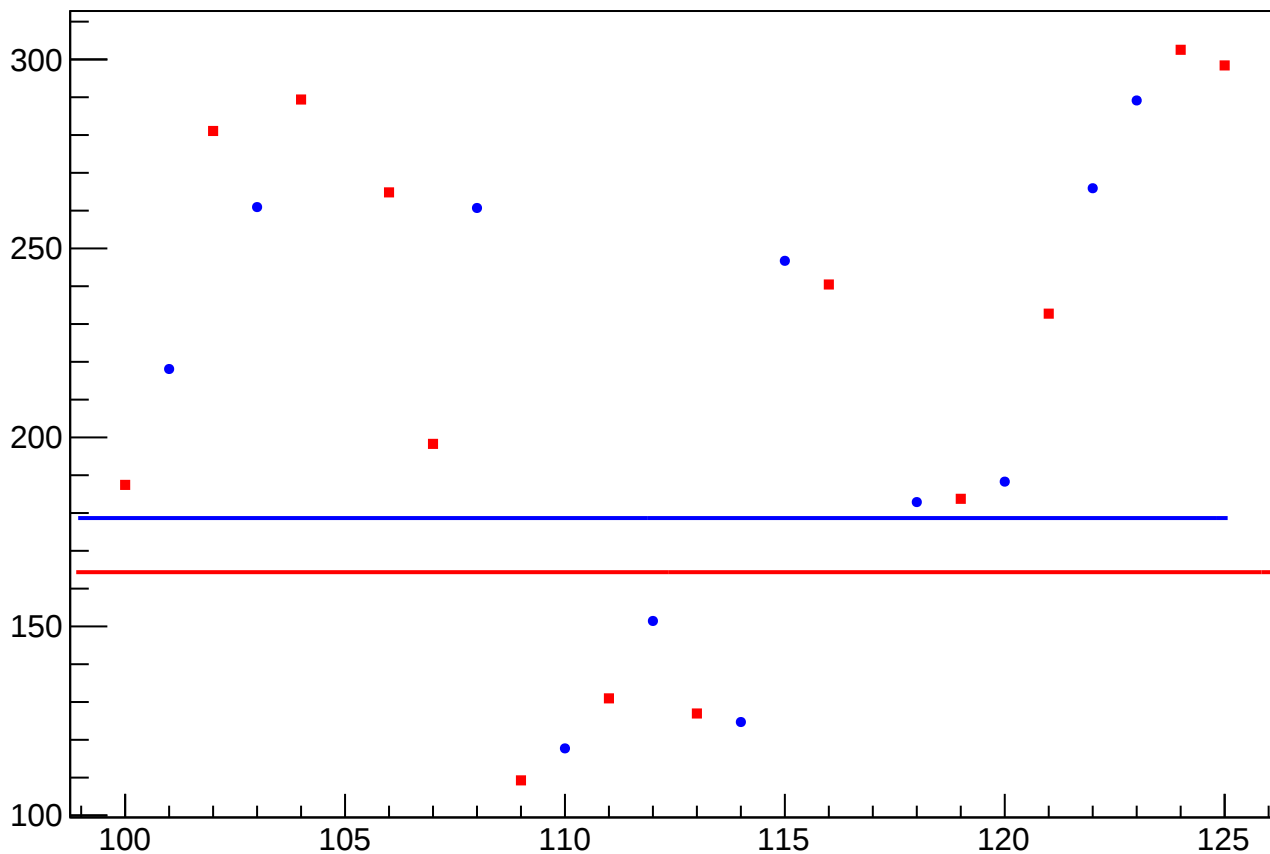
Right: 68.157+/-62.420 χ^2/NDF : 6.6/23

In: 99.562+/-95.882 χ^2/NDF : 2.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.157+/-62.420 χ^2/NDF : 6.6/23

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 178.668 $\pm$ 0.068 χ^2 /NDF: 586289.5/10

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

Right Out: 164.351 $\pm$ 0.058 χ^2 /NDF: 1132481.1/12

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

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

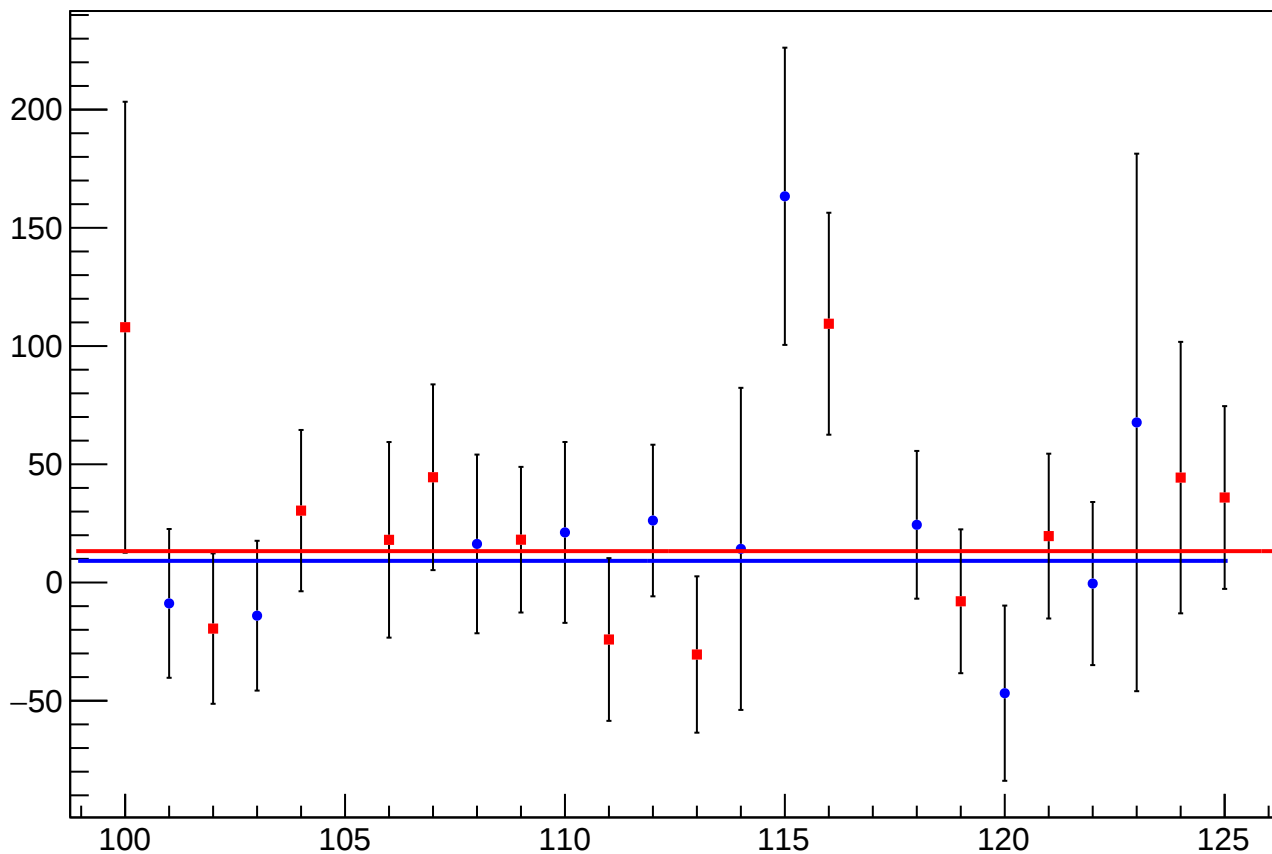
Right: 170.418 $\pm$ 0.044 χ^2 /NDF: 1744464.4/23

In: 178.668 $\pm$ 0.068 χ^2 /NDF:586289.5/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 170.418 $\pm$ 0.044 χ^2 /NDF: 1744464.4/23

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 9.157+/-11.544 χ^2/NDF : 10.2/10

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

Right Out: 13.267+/-10.350 χ^2/NDF : 11.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

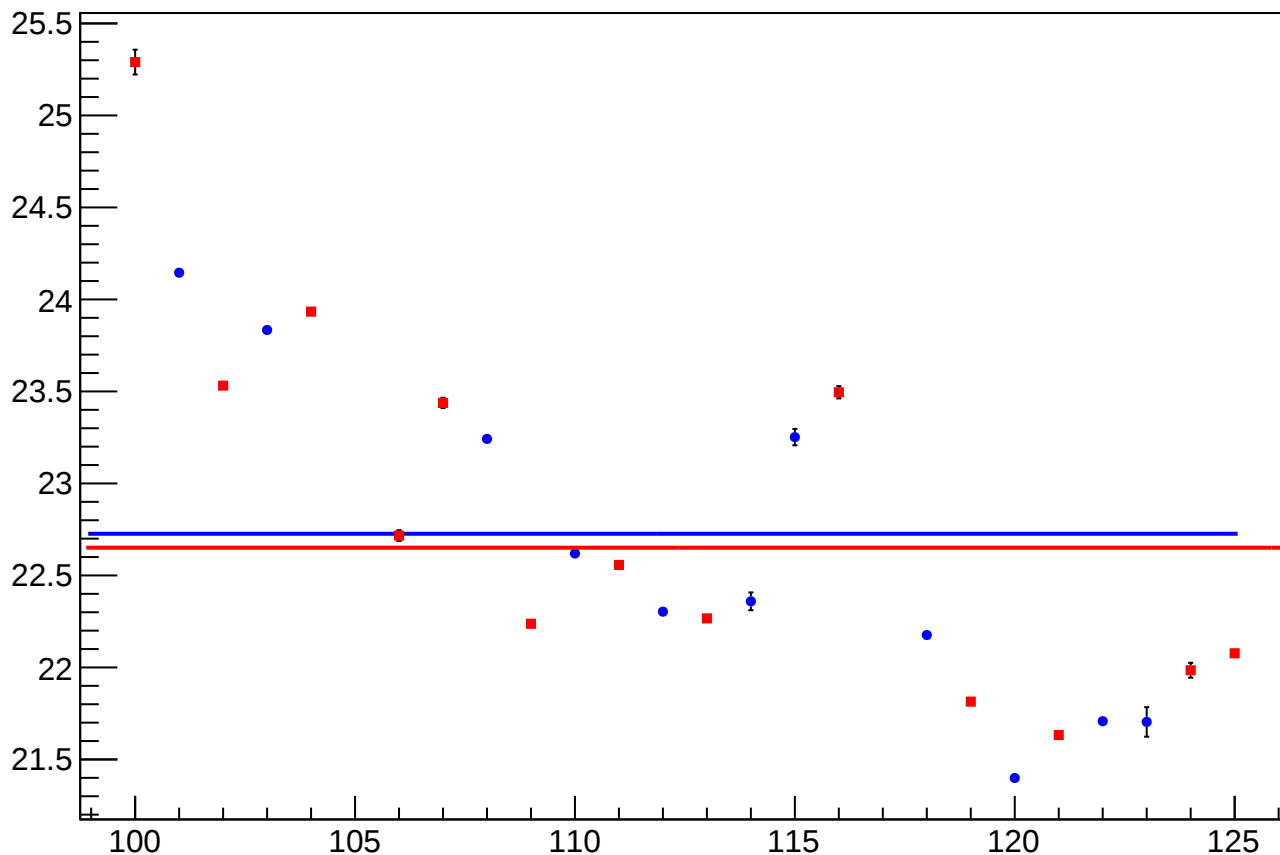
Right: 11.436+/-7.706 χ^2/NDF : 21.5/23

In: 9.157+/-11.544 χ^2/NDF : 10.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.436+/-7.706 χ^2/NDF : 21.5/23

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.727+/-0.008 χ^2/NDF : 12537.9/10

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

Right Out: 22.651+/-0.007 χ^2/NDF : 11926.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

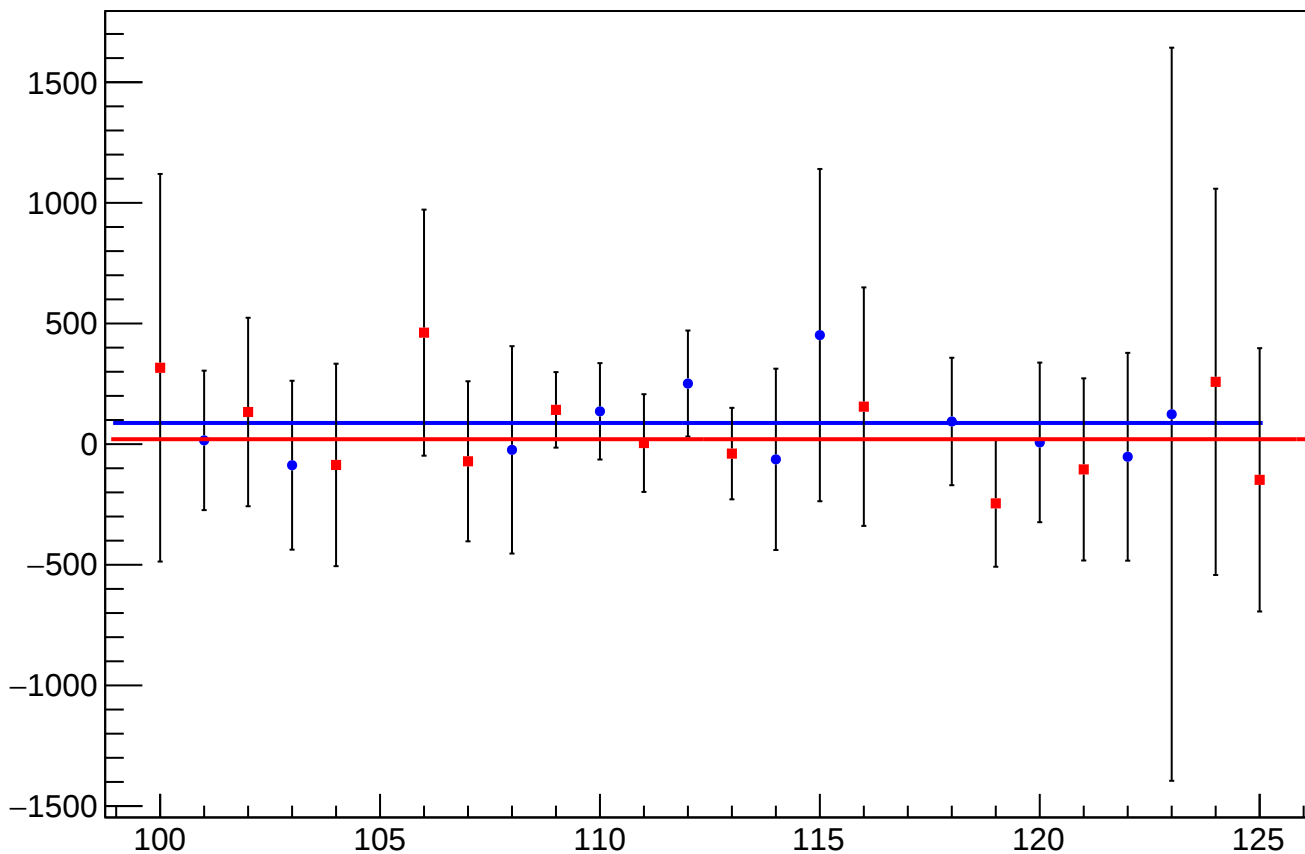
Right: 22.685+/-0.005 χ^2/NDF : 24511.7/23

In: 22.727+/-0.008 χ^2/NDF : 12537.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.685+/-0.005 χ^2/NDF : 24511.7/23

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 87.804+/-95.428 χ^2/NDF : 1.6/10

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

Right Out: 20.458+/-81.574 χ^2/NDF : 3.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

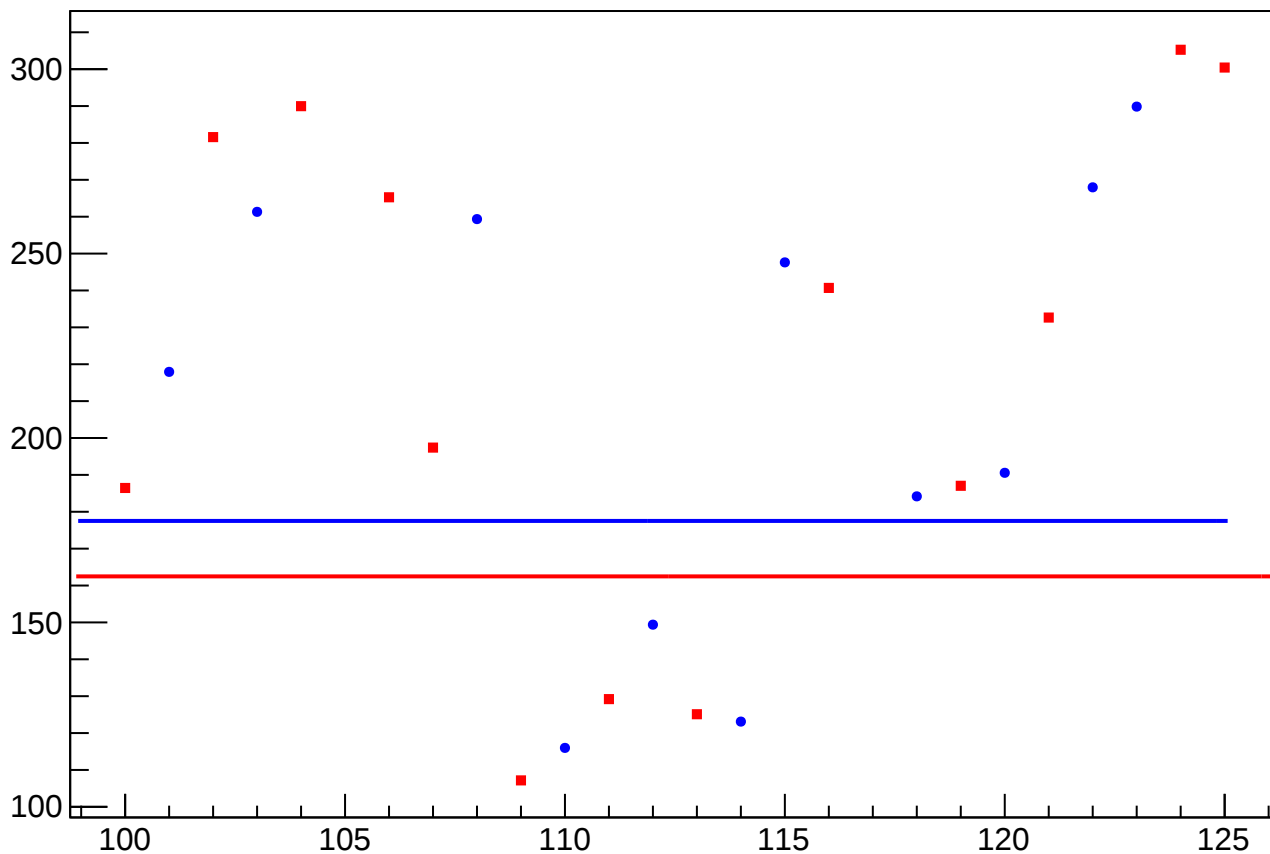
Right: 48.892+/-62.007 χ^2/NDF : 5.1/23

In: 87.804+/-95.428 χ^2/NDF : 1.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.892+/-62.007 χ^2/NDF : 5.1/23

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 177.516+/-0.067 χ^2/NDF : 615079.9/10

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

Right Out: 162.480+/-0.058 χ^2/NDF : 1185521.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

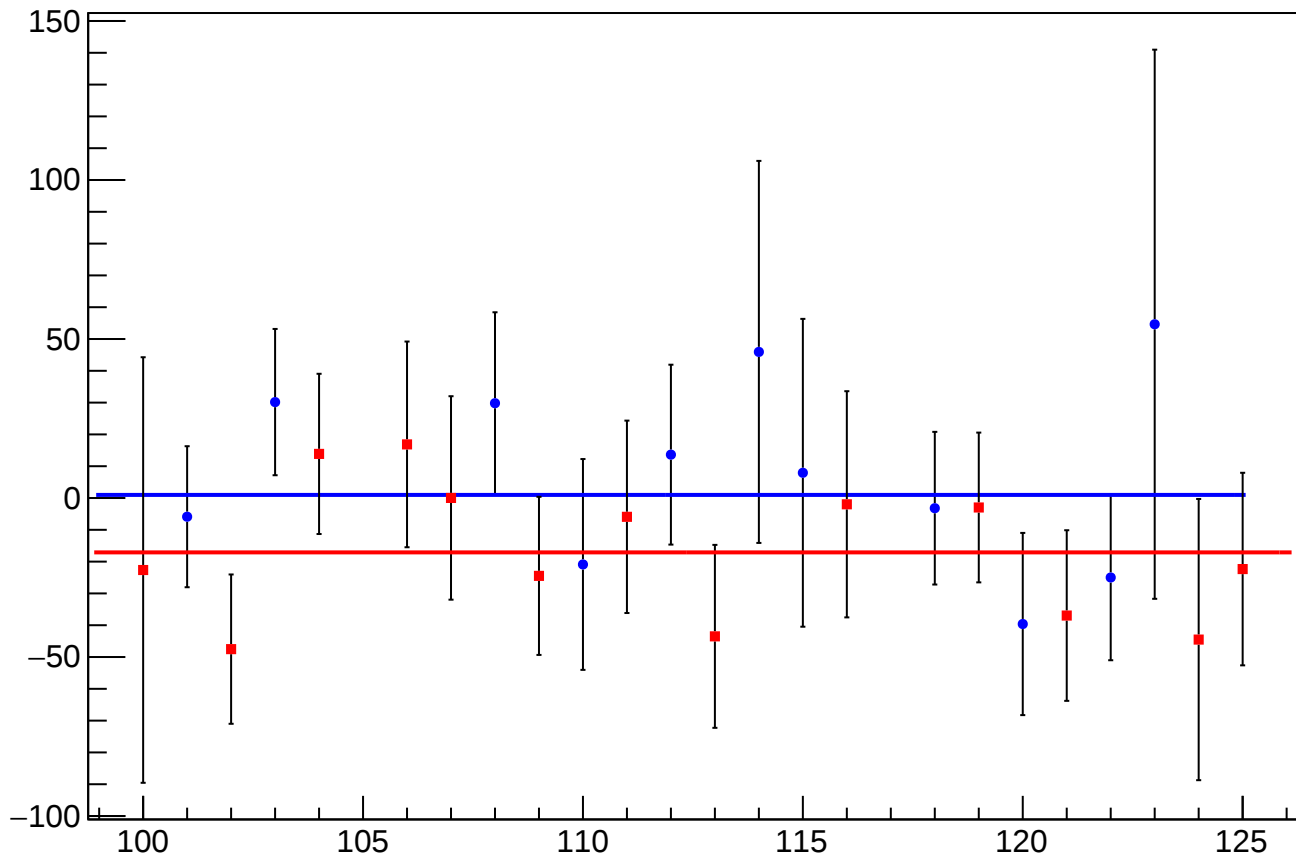
Right: 168.829+/-0.044 χ^2/NDF : 1829292.4/23

In: 177.516+/-0.067 χ^2/NDF : 615079.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.829+/-0.044 χ^2/NDF : 1829292.4/23

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.975+/-8.917 χ^2/NDF : 7.4/10

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

Right Out: -17.098+/-8.151 χ^2/NDF : 7.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

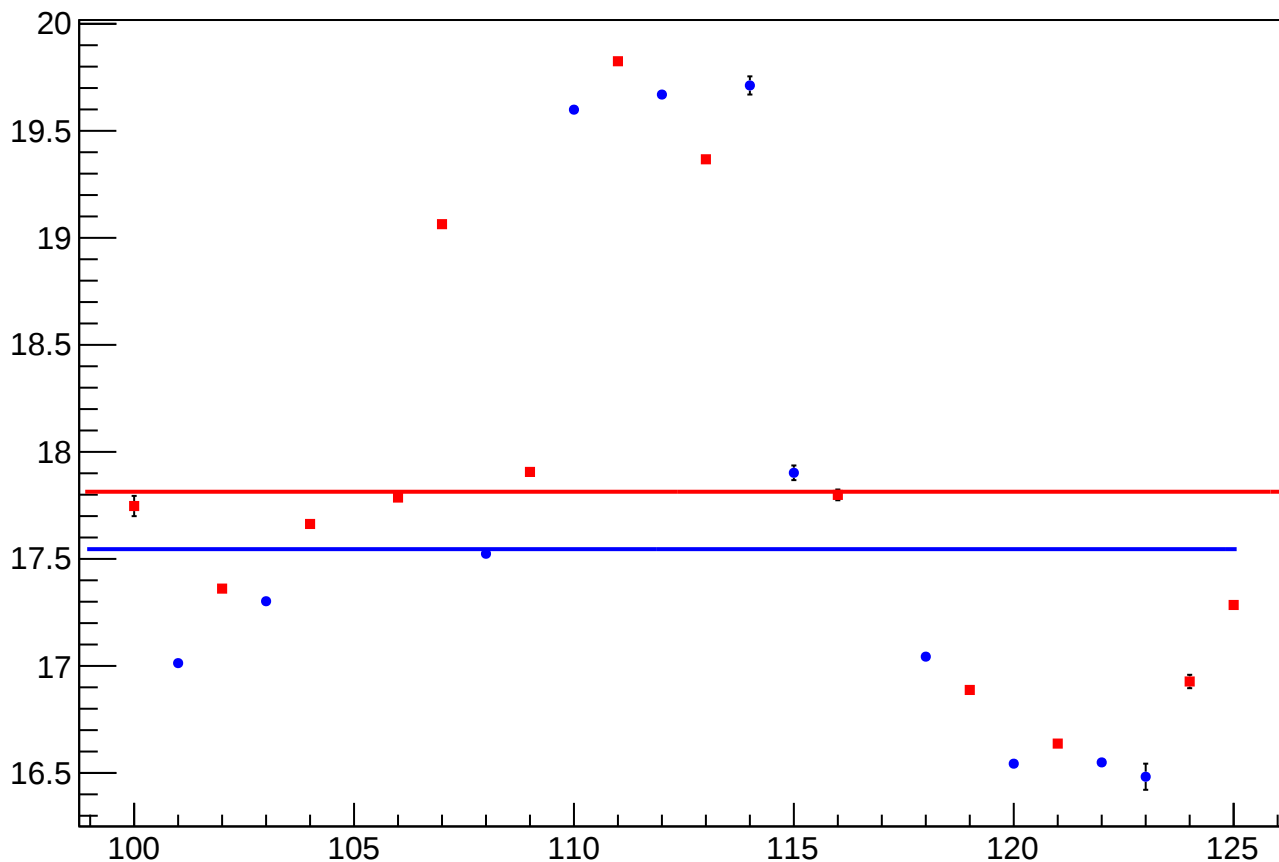
Right: -8.871+/-6.016 χ^2/NDF : 16.8/23

In: 0.975+/-8.917 χ^2/NDF : 7.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.871+/-6.016 χ^2/NDF : 16.8/23

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.546+/-0.006 χ^2/NDF : 29600.8/10

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

Right Out: 17.814+/-0.006 χ^2/NDF : 26929.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

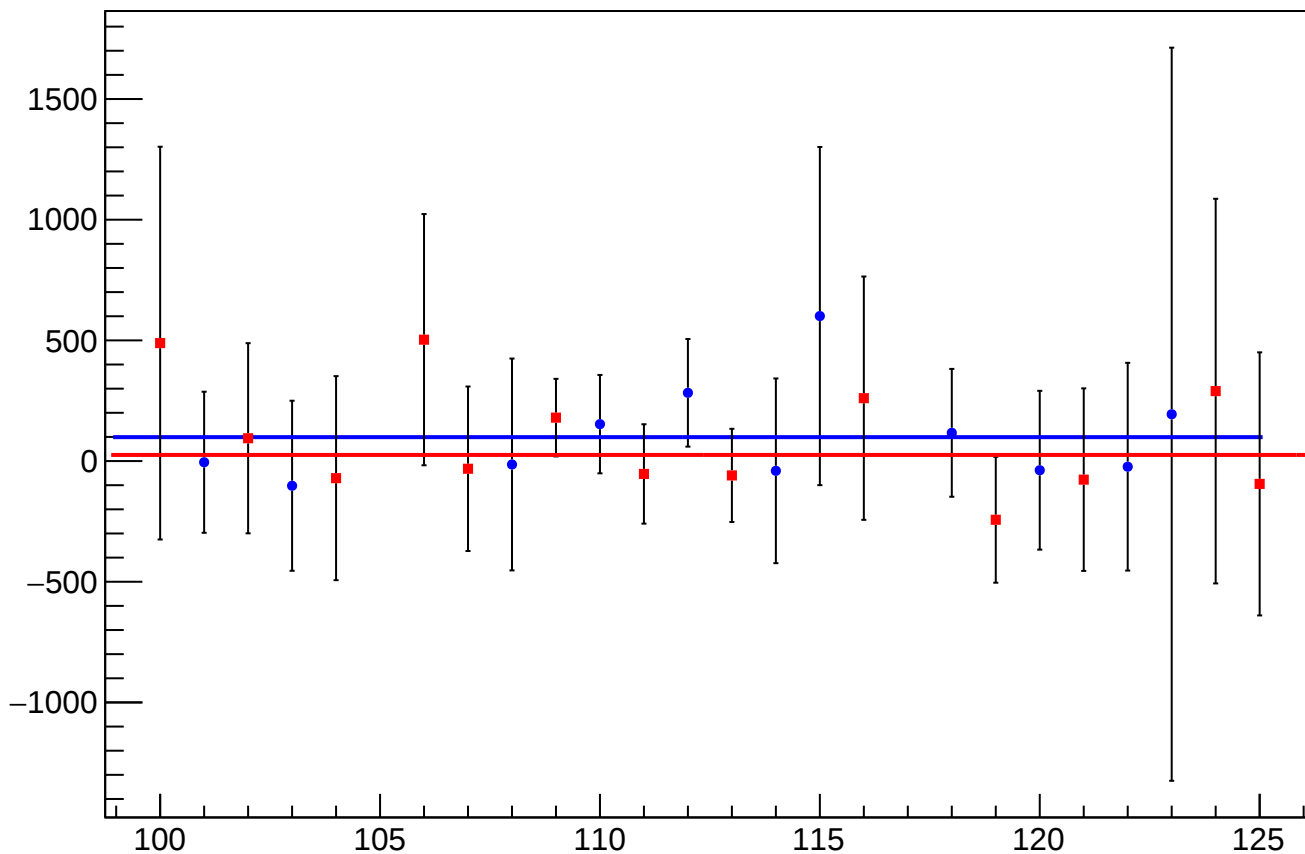
Right: 17.692+/-0.004 χ^2/NDF : 57516.5/23

In: 17.546+/-0.006 χ^2/NDF : 29600.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.692+/-0.004 χ^2/NDF : 57516.5/23

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 99.104+/-96.521 χ^2/NDF : 2.2/10

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

Right Out: 25.419+/-82.892 χ^2/NDF : 4.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

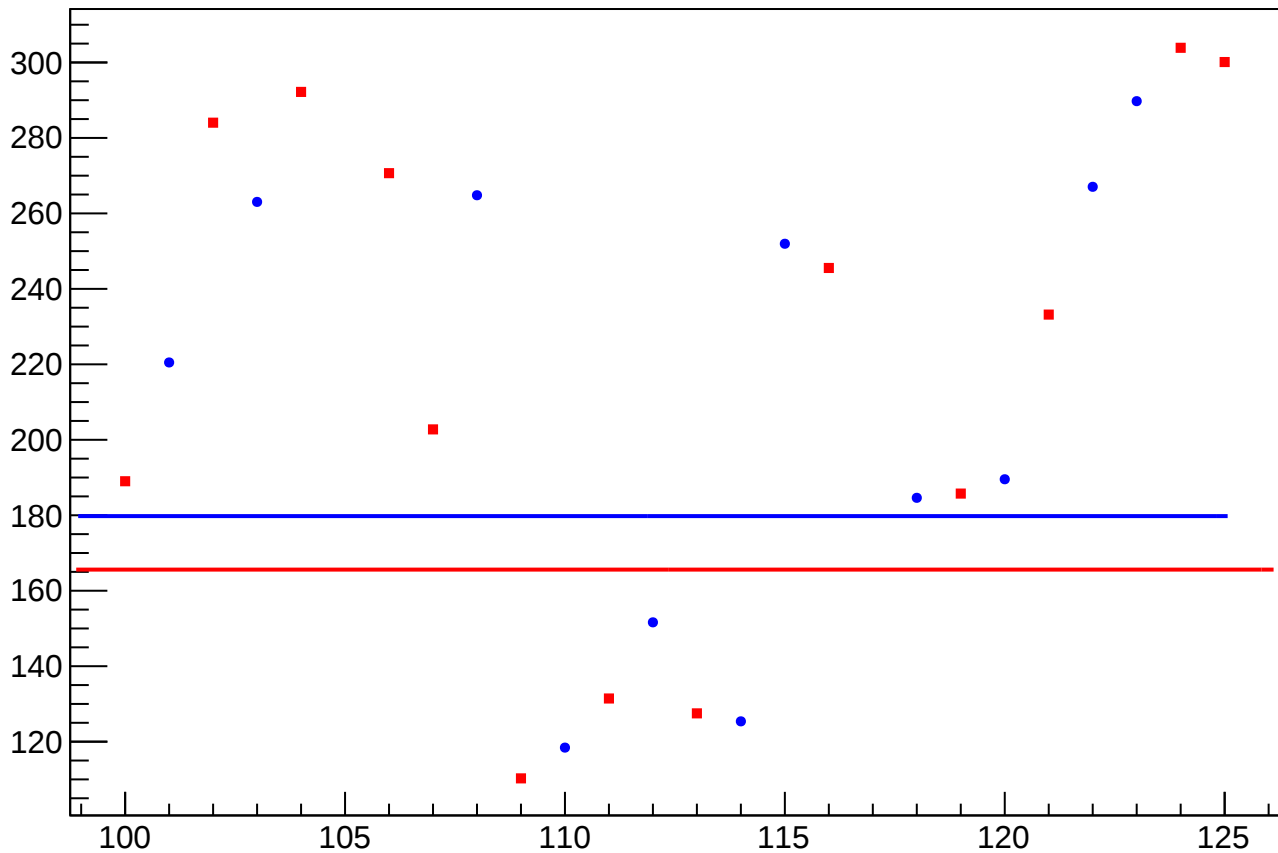
Right: 56.696+/-62.885 χ^2/NDF : 6.6/23

In: 99.104+/-96.521 χ^2/NDF : 2.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.696+/-62.885 χ^2/NDF : 6.6/23

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 179.779+/-0.068 χ^2/NDF : 595546.2/10

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

Right Out: 165.600+/-0.059 χ^2/NDF : 1145243.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

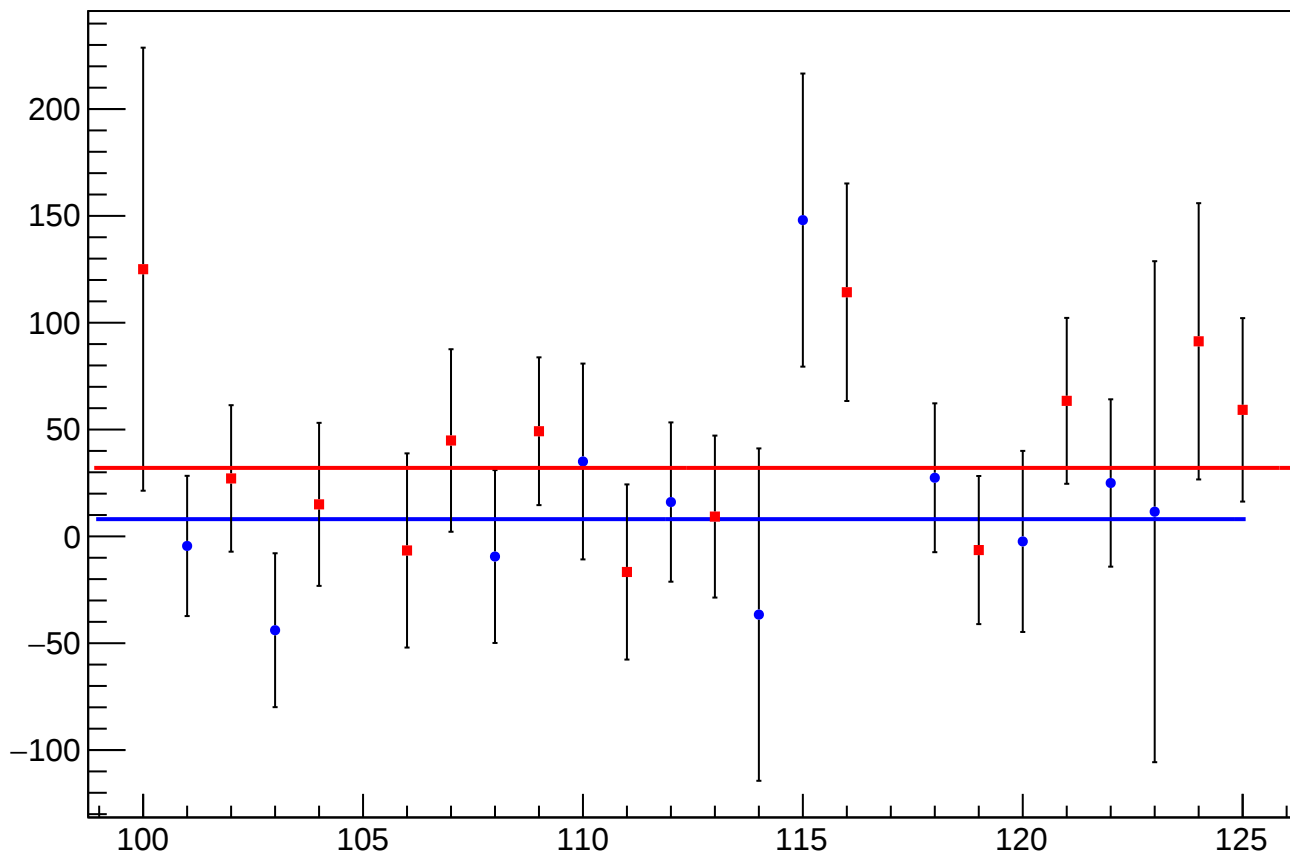
Right: 171.619+/-0.044 χ^2/NDF : 1765629.7/23

In: 179.779+/-0.068 χ^2/NDF :595546.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 171.619+/-0.044 χ^2/NDF : 1765629.7/23

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 8.068+/-12.921 χ^2/NDF : 7.9/10

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

Right Out: 32.053+/-11.582 χ^2/NDF : 9.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

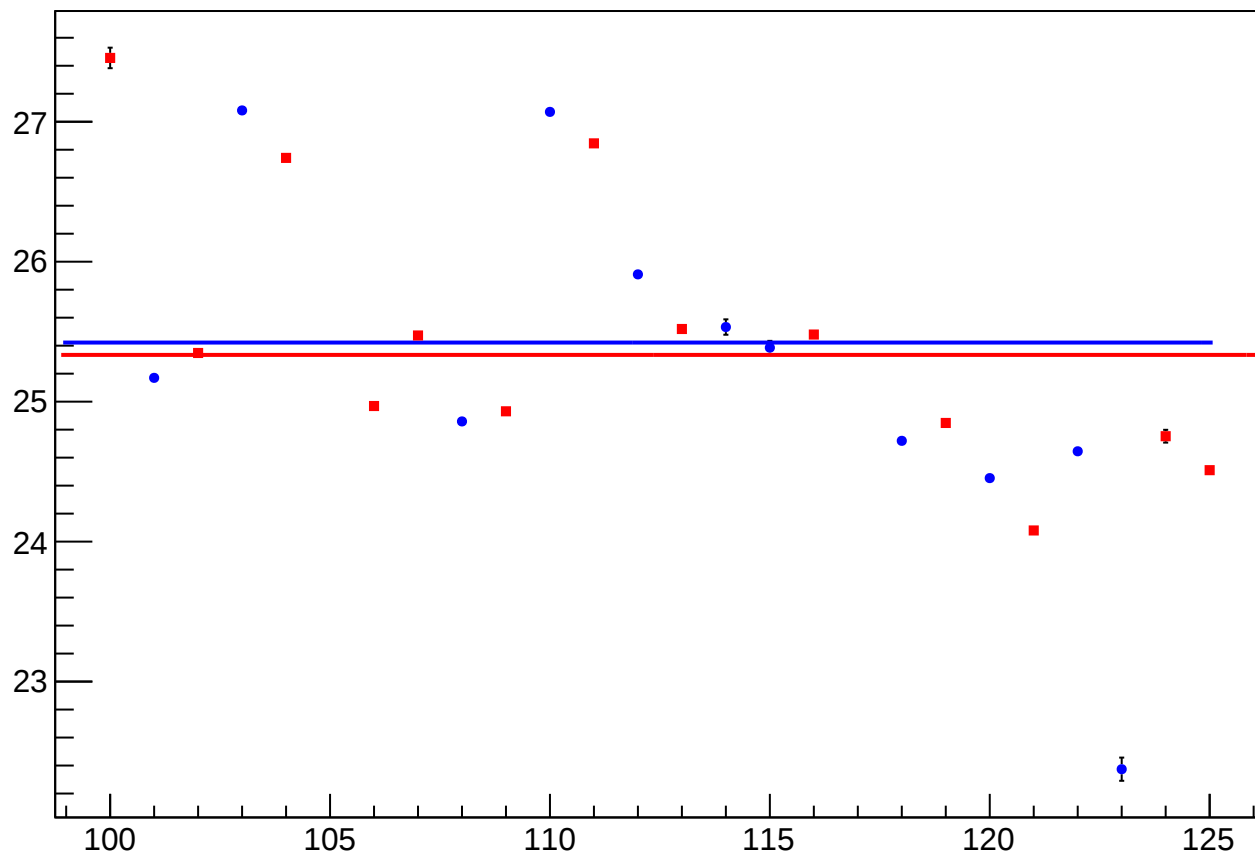
Right: 21.367+/-8.624 χ^2/NDF : 19.4/23

In: 8.068+/-12.921 χ^2/NDF : 7.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.367+/-8.624 χ^2/NDF : 19.4/23

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.422+/-0.009 χ^2/NDF : 11678.0/10

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

Right Out: 25.334+/-0.008 χ^2/NDF : 10145.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

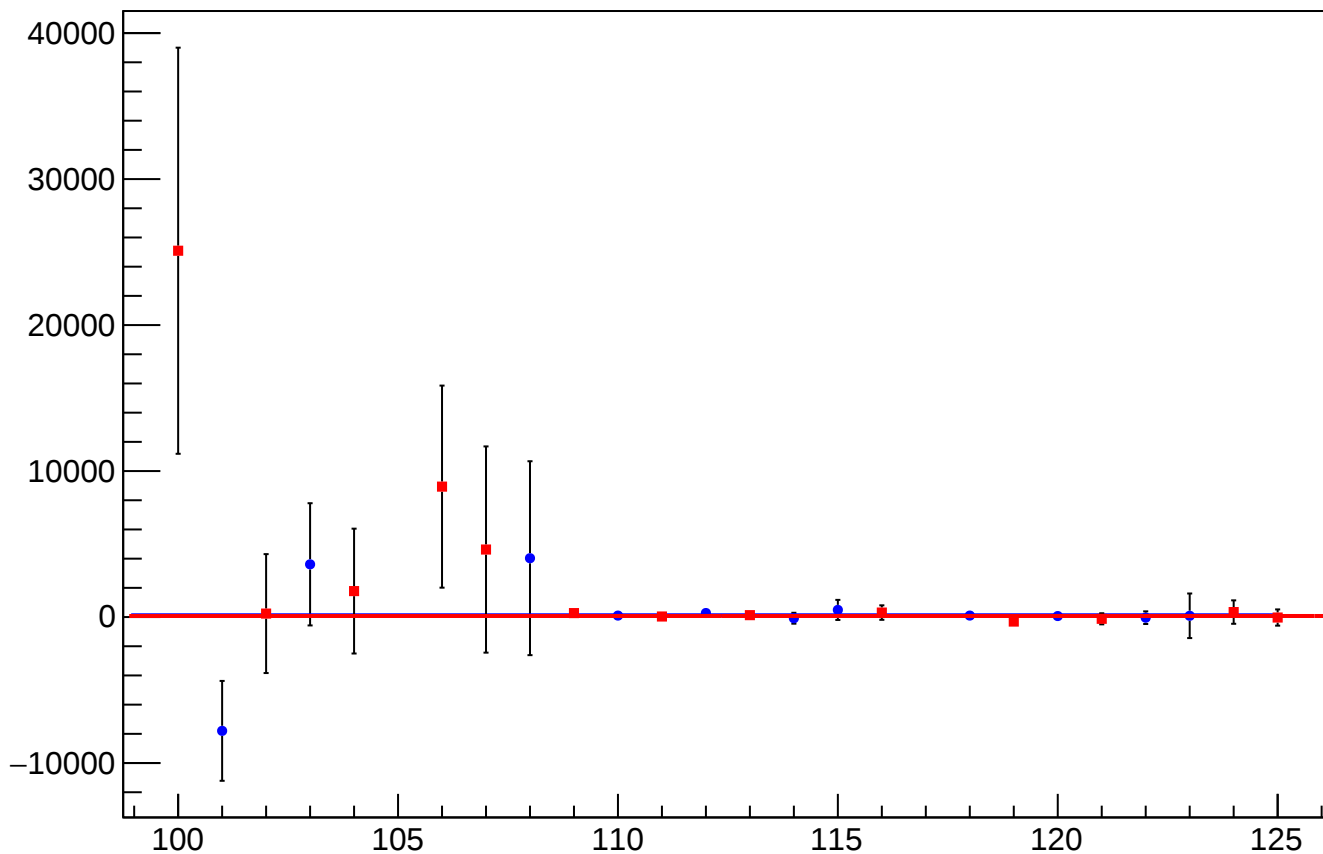
Right: 25.373+/-0.006 χ^2/NDF : 21875.0/23

In: 25.422+/-0.009 χ^2/NDF : 11678.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.373+/-0.006 χ^2/NDF : 21875.0/23

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 121.378+/-109.404 χ^2/NDF : 7.7/10

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

Right Out: 72.841+/-98.374 χ^2/NDF : 9.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

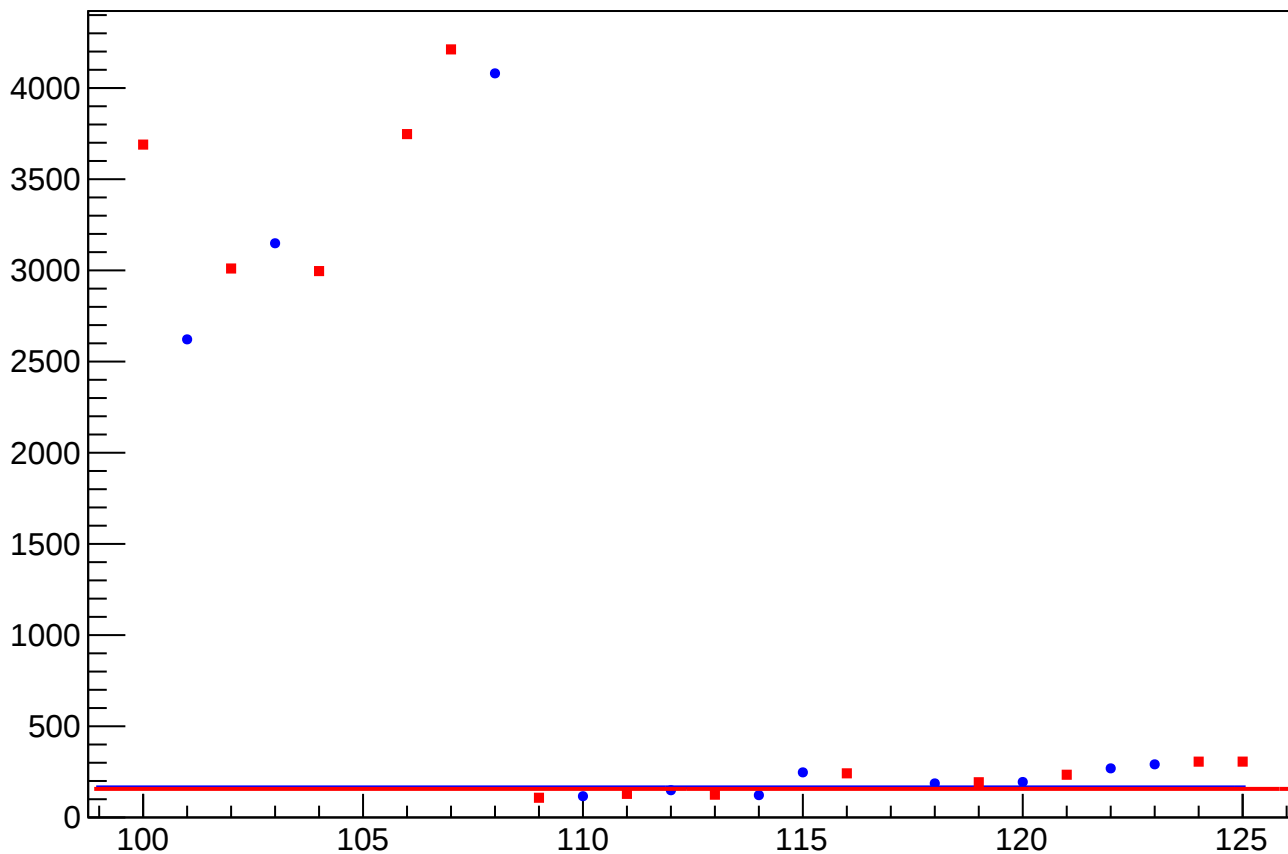
Right: 94.540+/-73.151 χ^2/NDF : 16.8/23

In: 121.378+/-109.404 χ^2/NDF : 7.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.540+/-73.151 χ^2/NDF : 16.8/23

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 164.764 $\pm$ 0.077 χ^2 /NDF: 3082736.9/10

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

Right Out: 156.642 $\pm$ 0.070 χ^2 /NDF: 3777399.5/12

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

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

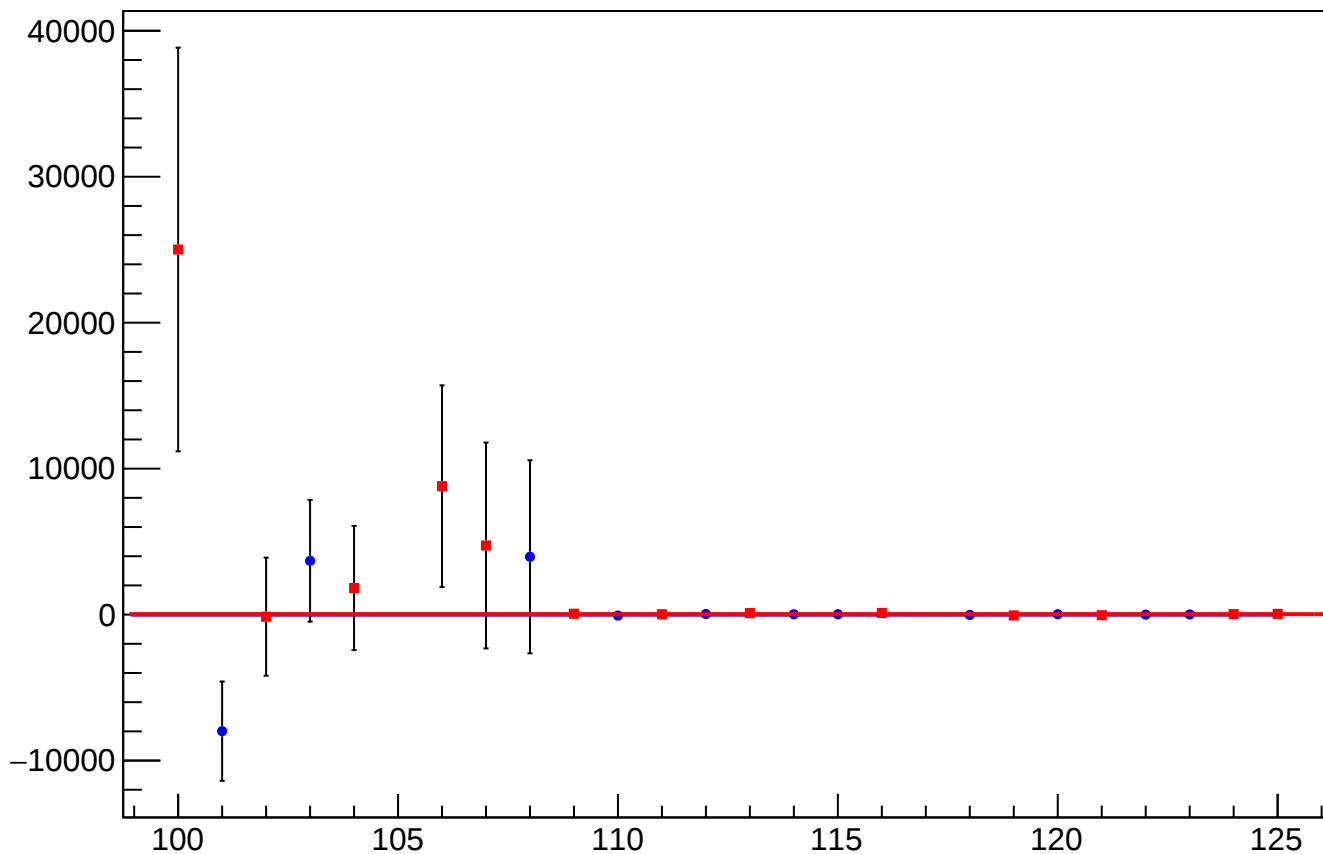
Right: 160.273 $\pm$ 0.052 χ^2 /NDF: 6866230.9/23

In: 164.764 $\pm$ 0.077 χ^2 /NDF:3082736.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 160.273 $\pm$ 0.052 χ^2 /NDF: 6866230.9/23

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.659+/-17.873 χ^2/NDF : 10.7/10

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

Right Out: 29.353+/-16.606 χ^2/NDF : 18.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

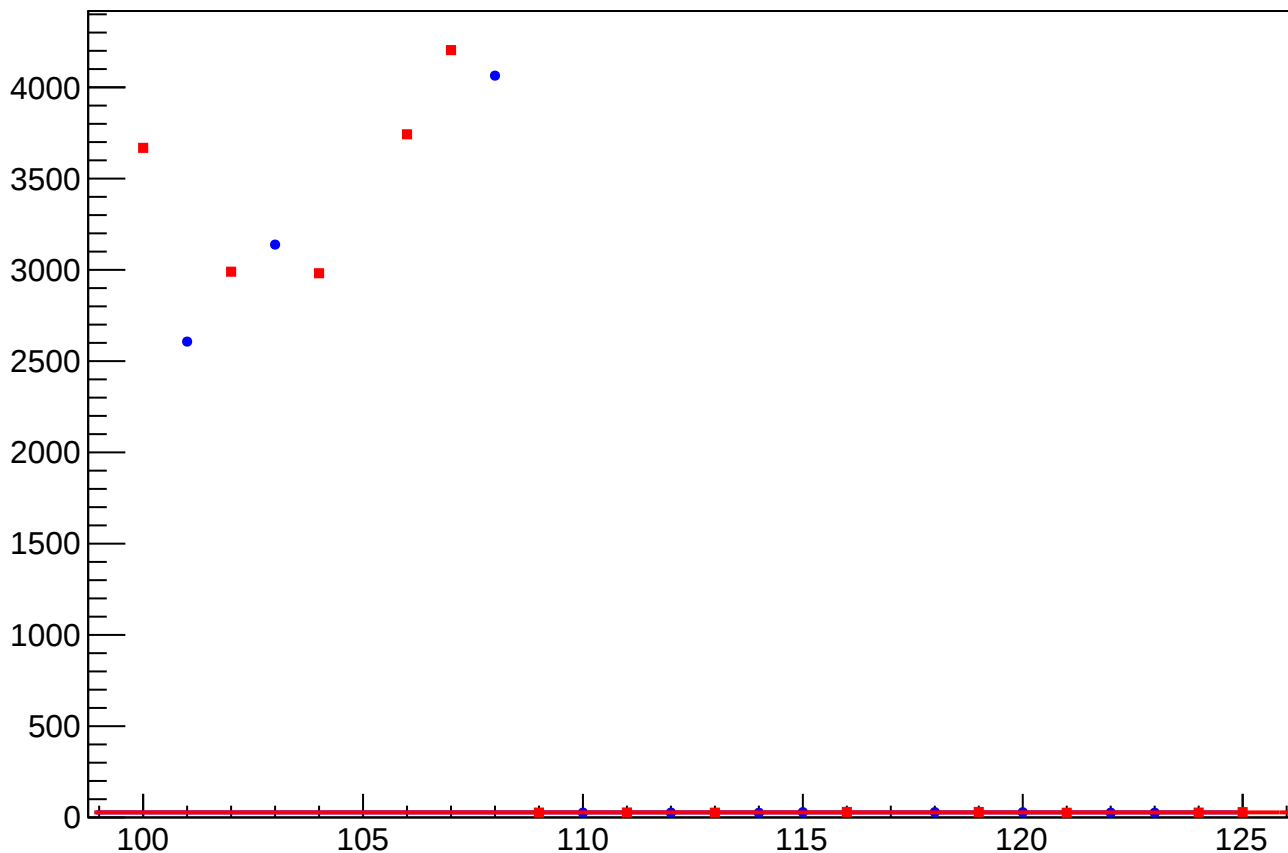
Right: 16.059+/-12.166 χ^2/NDF : 30.9/23

In: 0.659+/-17.873 χ^2/NDF : 10.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.059+/-12.166 χ^2/NDF : 30.9/23

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.550+/-0.013 χ^2/NDF : 3015994.6/10

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

Right Out: 27.689+/-0.012 χ^2/NDF : 3475479.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

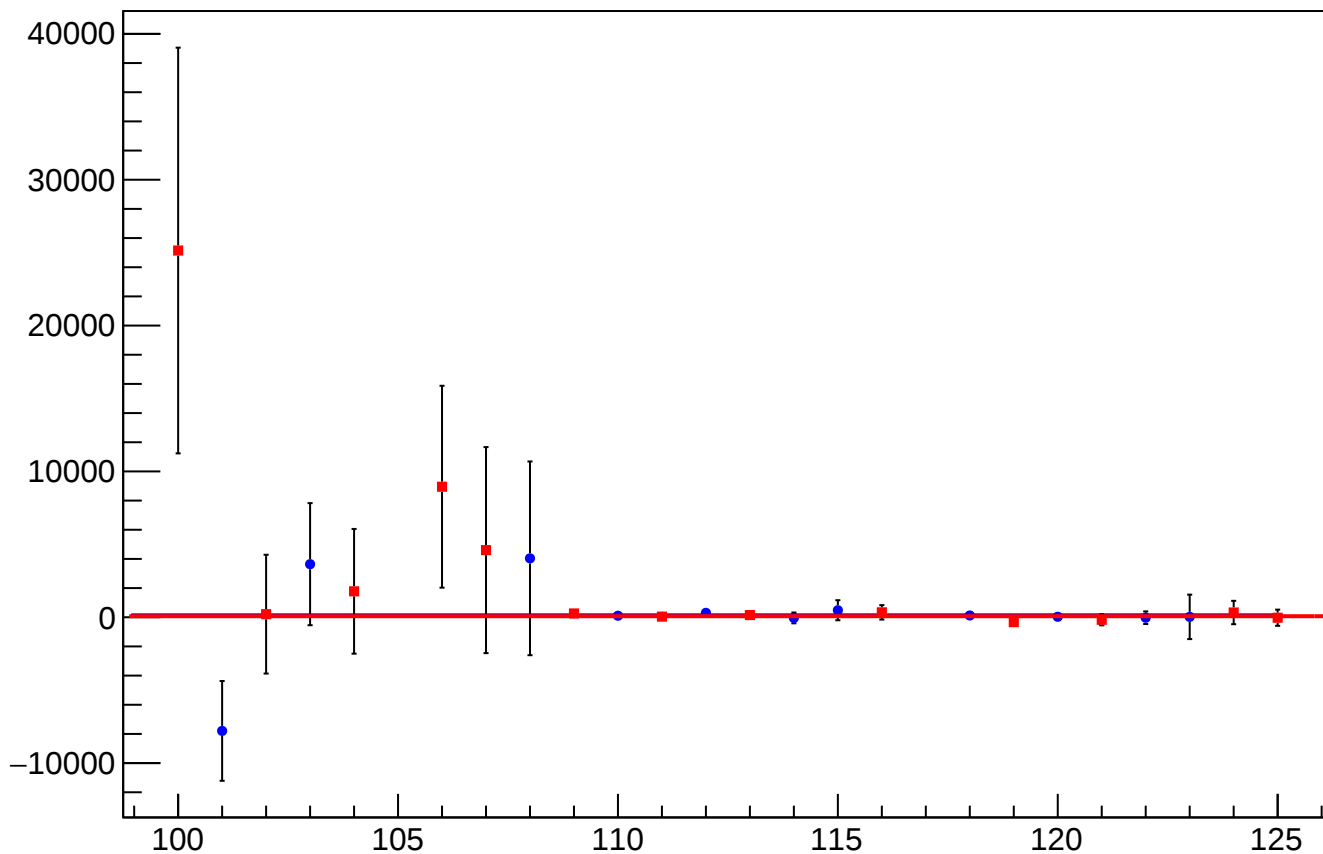
Right: 27.625+/-0.009 χ^2/NDF : 6491539.2/23

In: 27.550+/-0.013 χ^2/NDF :3015994.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 27.625+/-0.009 χ^2/NDF : 6491539.2/23

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 131.782+/-108.963 χ^2/NDF : 7.8/10

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

Right Out: 71.479+/-97.945 χ^2/NDF : 9.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

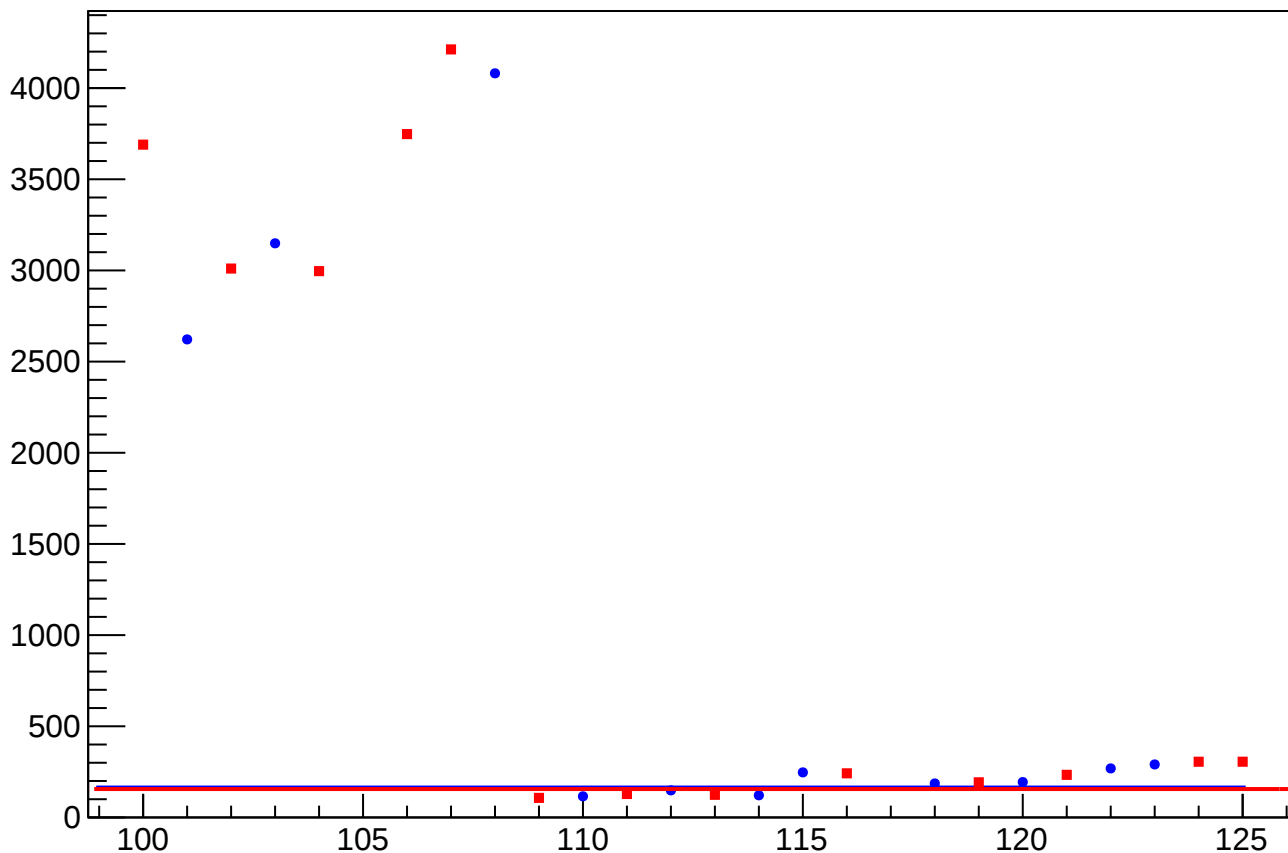
Right: 98.428+/-72.842 χ^2/NDF : 17.5/23

In: 131.782+/-108.963 χ^2/NDF : 7.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.428+/-72.842 χ^2/NDF : 17.5/23

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 164.000 $\pm$ 0.077 χ^2 /NDF: 3088141.1/10

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

Right Out: 155.844 $\pm$ 0.069 χ^2 /NDF: 3784397.7/12

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

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

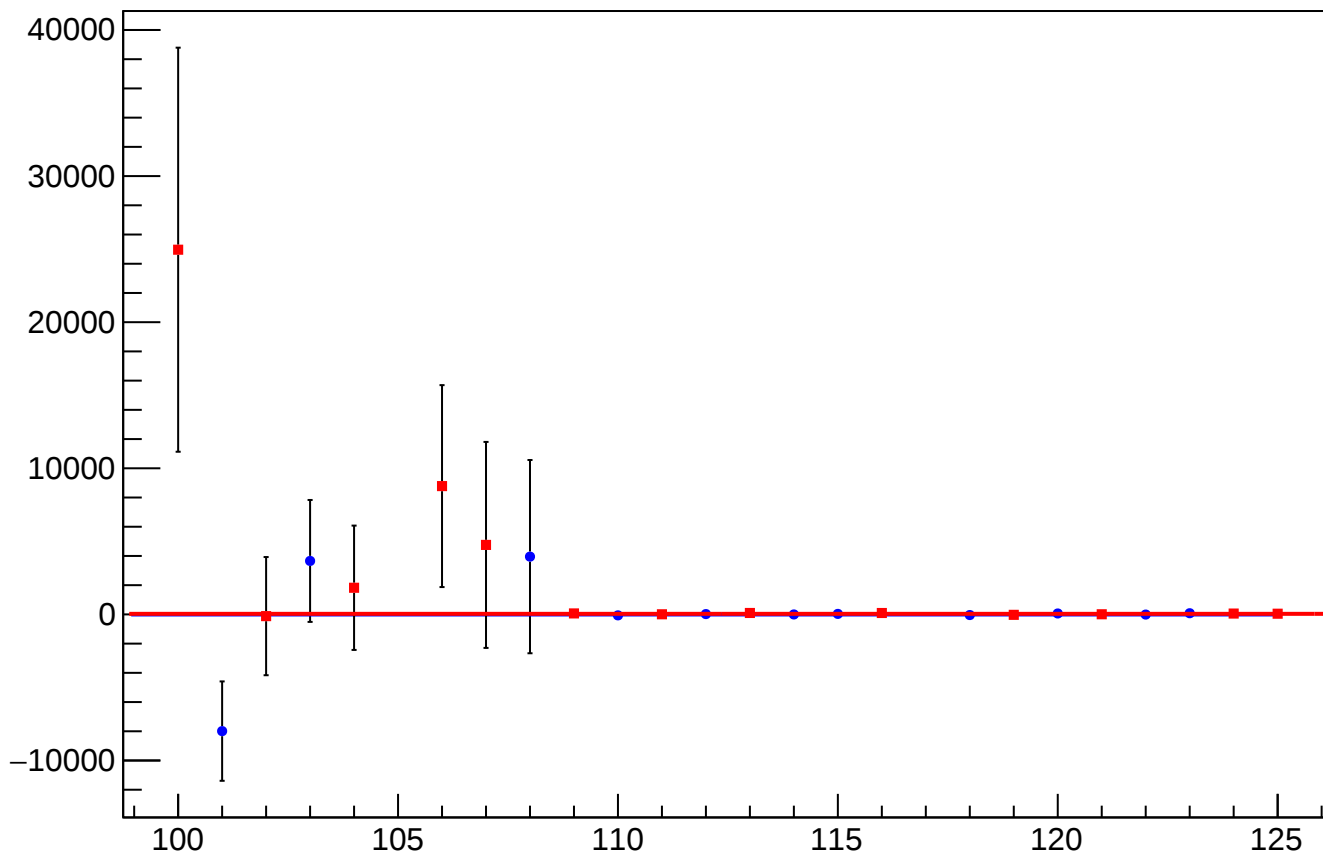
Right: 159.489 $\pm$ 0.052 χ^2 /NDF: 6878735.7/23

In: 164.000 $\pm$ 0.077 χ^2 /NDF:3088141.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 159.489 $\pm$ 0.052 χ^2 /NDF: 6878735.7/23

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.357+/-17.960 χ^2/NDF : 12.4/10

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

Right Out: 38.162+/-16.736 χ^2/NDF : 12.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

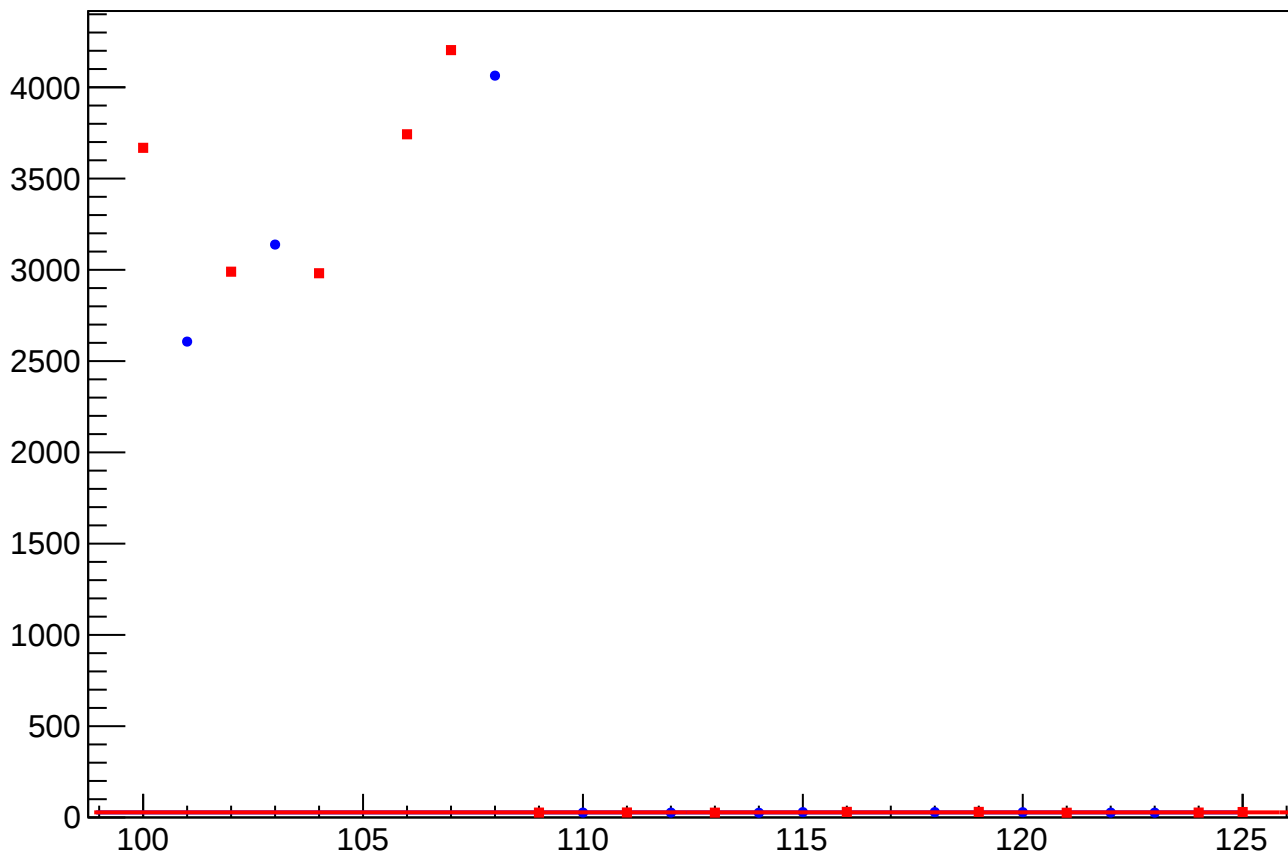
Right: 17.936+/-12.244 χ^2/NDF : 28.2/23

In: -5.357+/-17.960 χ^2/NDF : 12.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.936+/-12.244 χ^2/NDF : 28.2/23

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.681+/-0.013 χ^2/NDF : 3016565.8/10

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

Right Out: 27.897+/-0.012 χ^2/NDF : 3478222.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

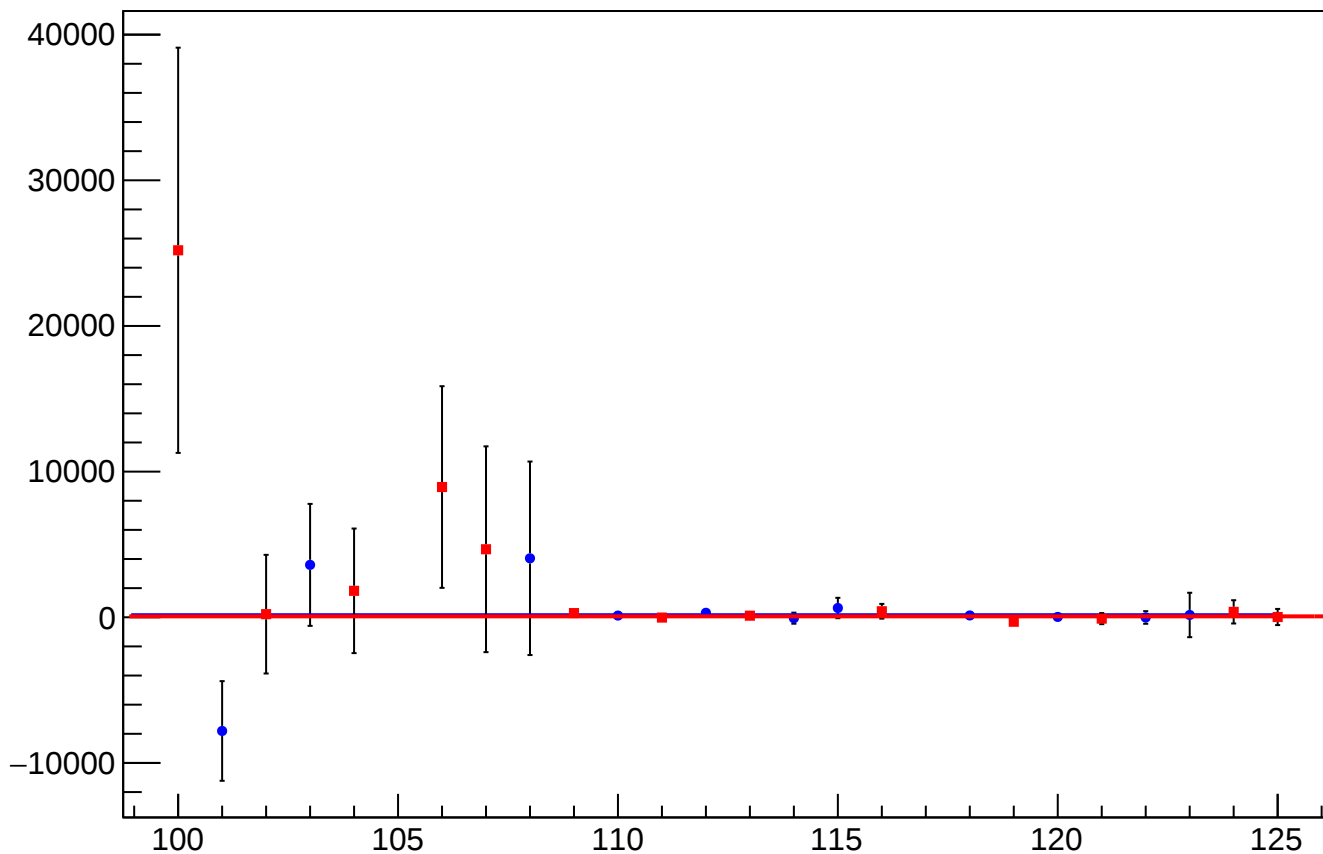
Right: 27.797+/-0.009 χ^2/NDF : 6494943.0/23

In: 27.681+/-0.013 χ^2/NDF : 3016565.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.797+/-0.009 χ^2/NDF : 6494943.0/23

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 140.245+/-110.490 χ^2/NDF : 8.0/10

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

Right Out: 62.809+/-99.531 χ^2/NDF : 9.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

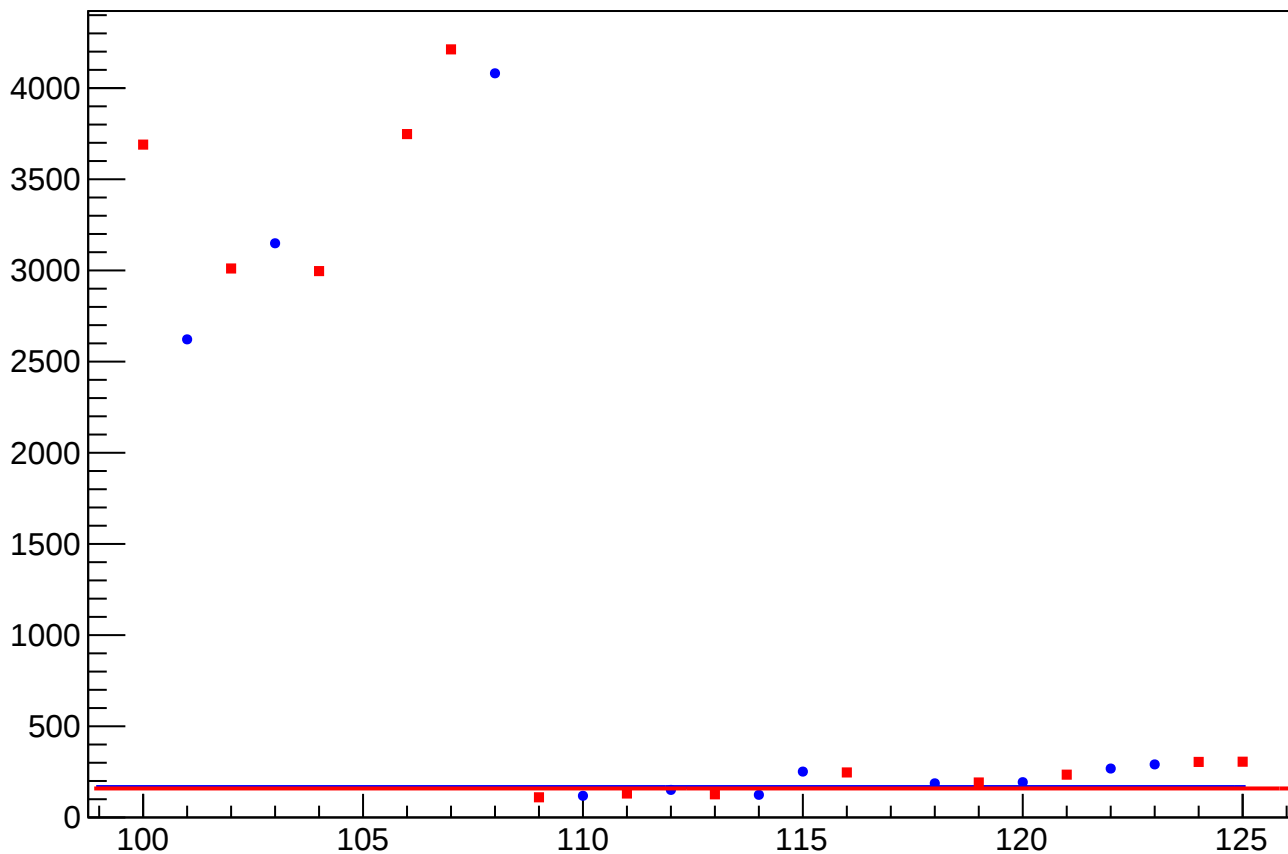
Right: 97.497+/-73.951 χ^2/NDF : 17.8/23

In: 140.245+/-110.490 χ^2/NDF : 8.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.497+/-73.951 χ^2/NDF : 17.8/23

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 166.721+/-0.078 χ^2/NDF : 3062078.0/10

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

Right Out: 158.987+/-0.070 χ^2/NDF : 3749961.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

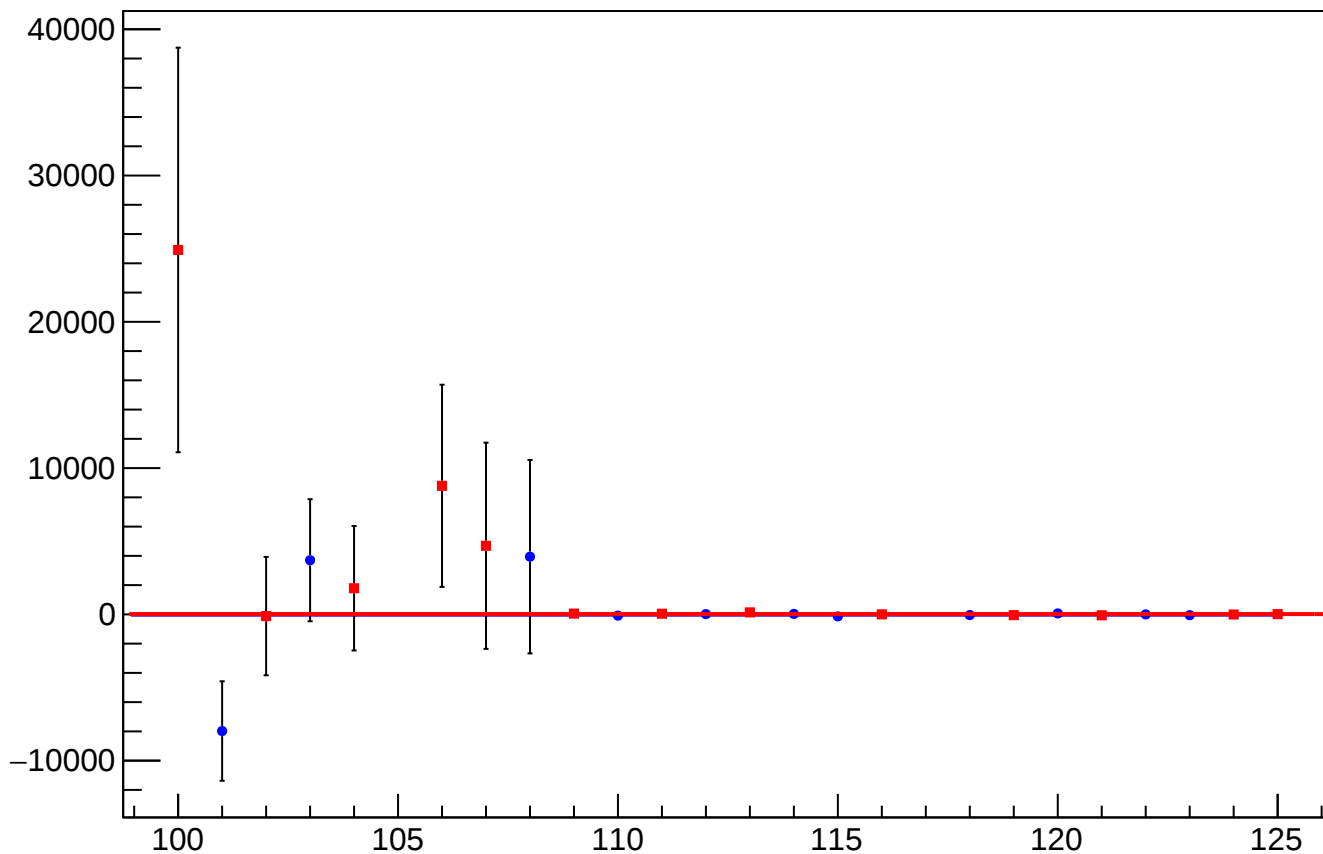
Right: 162.451+/-0.052 χ^2/NDF : 6817449.9/23

In: 166.721+/-0.078 χ^2/NDF :3062078.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 162.451+/-0.052 χ^2/NDF : 6817449.9/23

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -17.707 $\pm$ 21.931 χ^2 /NDF: 12.9/10

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

Right Out: 19.241 $\pm$ 20.272 χ^2 /NDF: 16.7/12

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

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

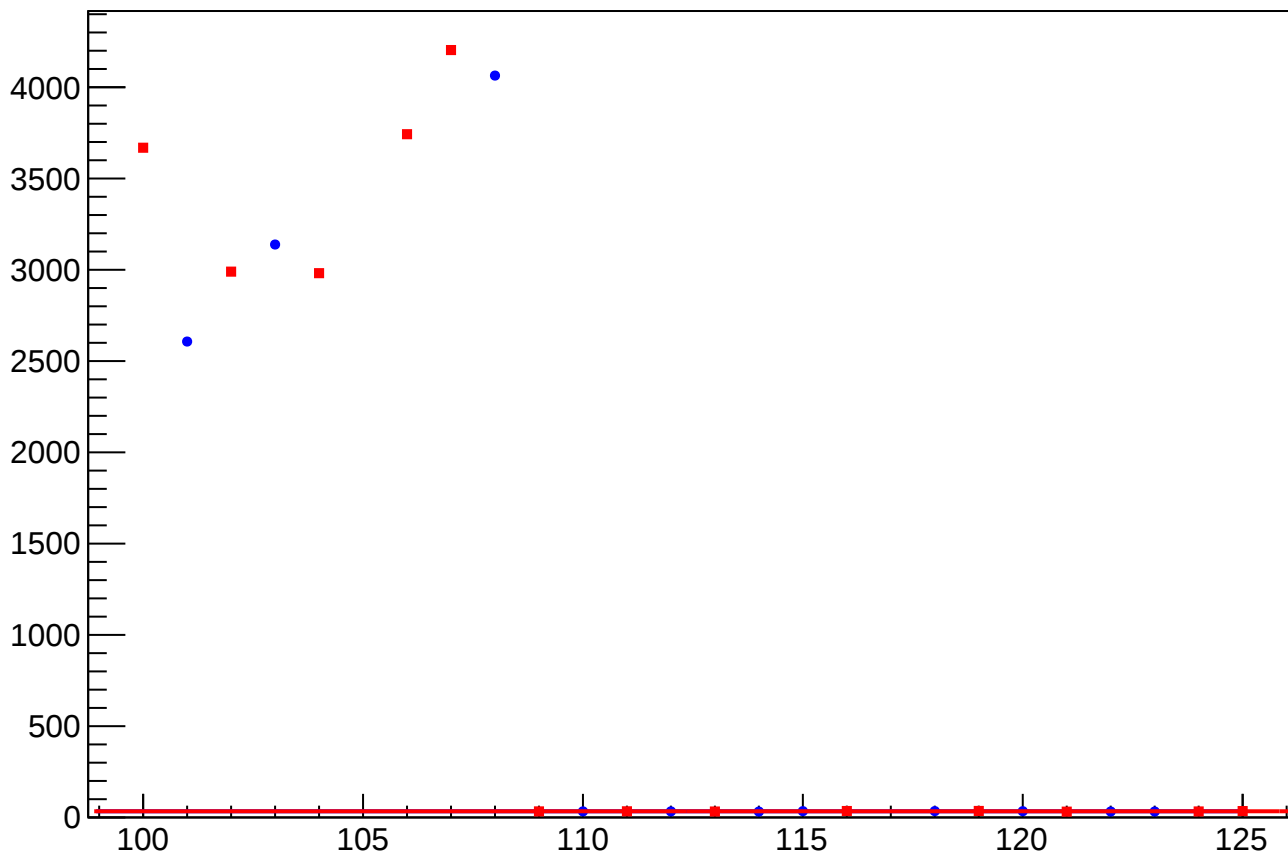
Right: 2.218 $\pm$ 14.886 χ^2 /NDF: 31.2/23

In: -17.707 $\pm$ 21.931 χ^2 /NDF:12.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.218 $\pm$ 14.886 χ^2 /NDF: 31.2/23

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 33.823+/-0.016 χ^2/NDF : 2998010.0/10

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

Right Out: 33.894+/-0.014 χ^2/NDF : 3450794.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

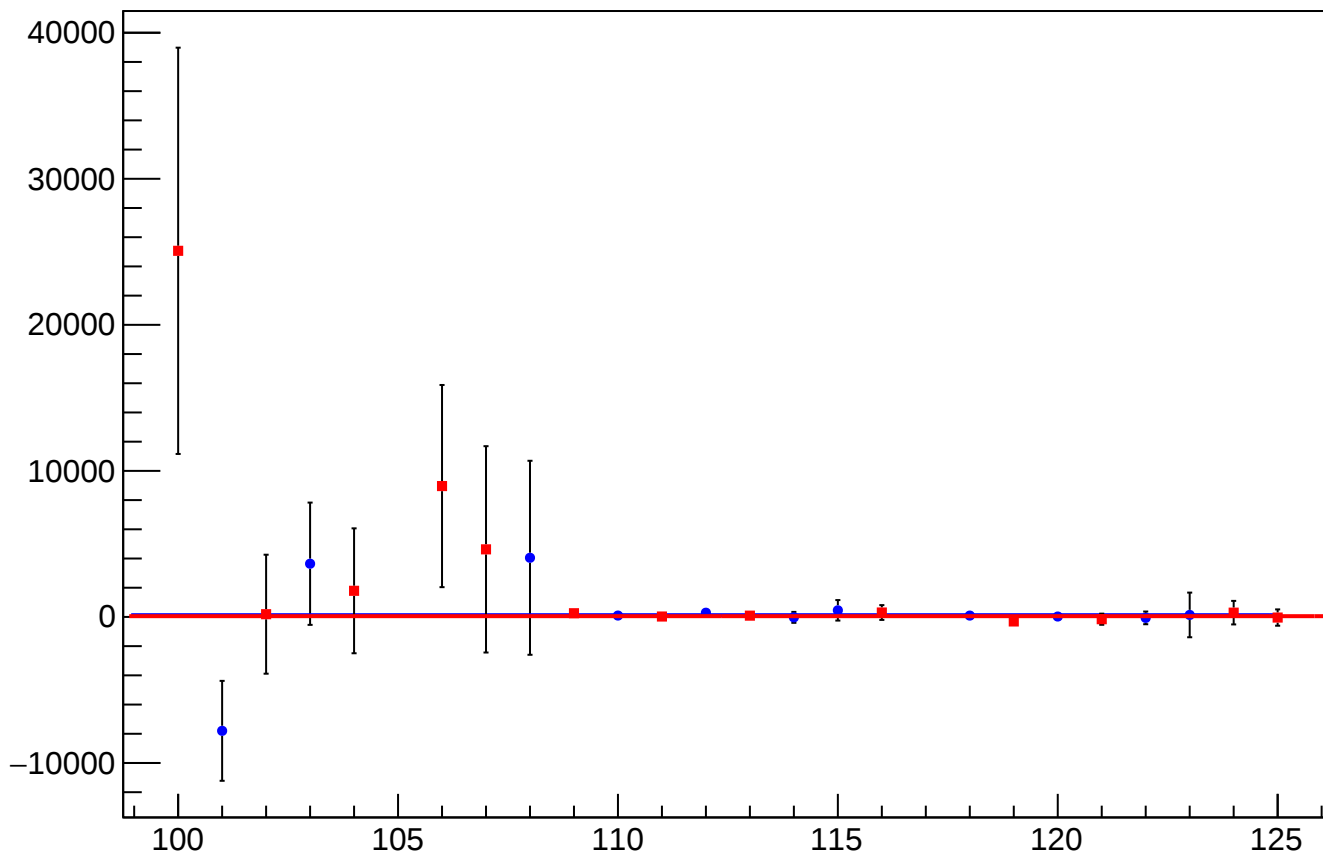
Right: 33.861+/-0.011 χ^2/NDF : 6448815.7/23

In: 33.823+/-0.016 χ^2/NDF :2998010.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 33.861+/-0.011 χ^2/NDF : 6448815.7/23

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 119.667 $\pm$ 109.823 χ^2 /NDF: 7.7/10

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

Right Out: 52.181 $\pm$ 98.778 χ^2 /NDF: 8.8/12

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

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

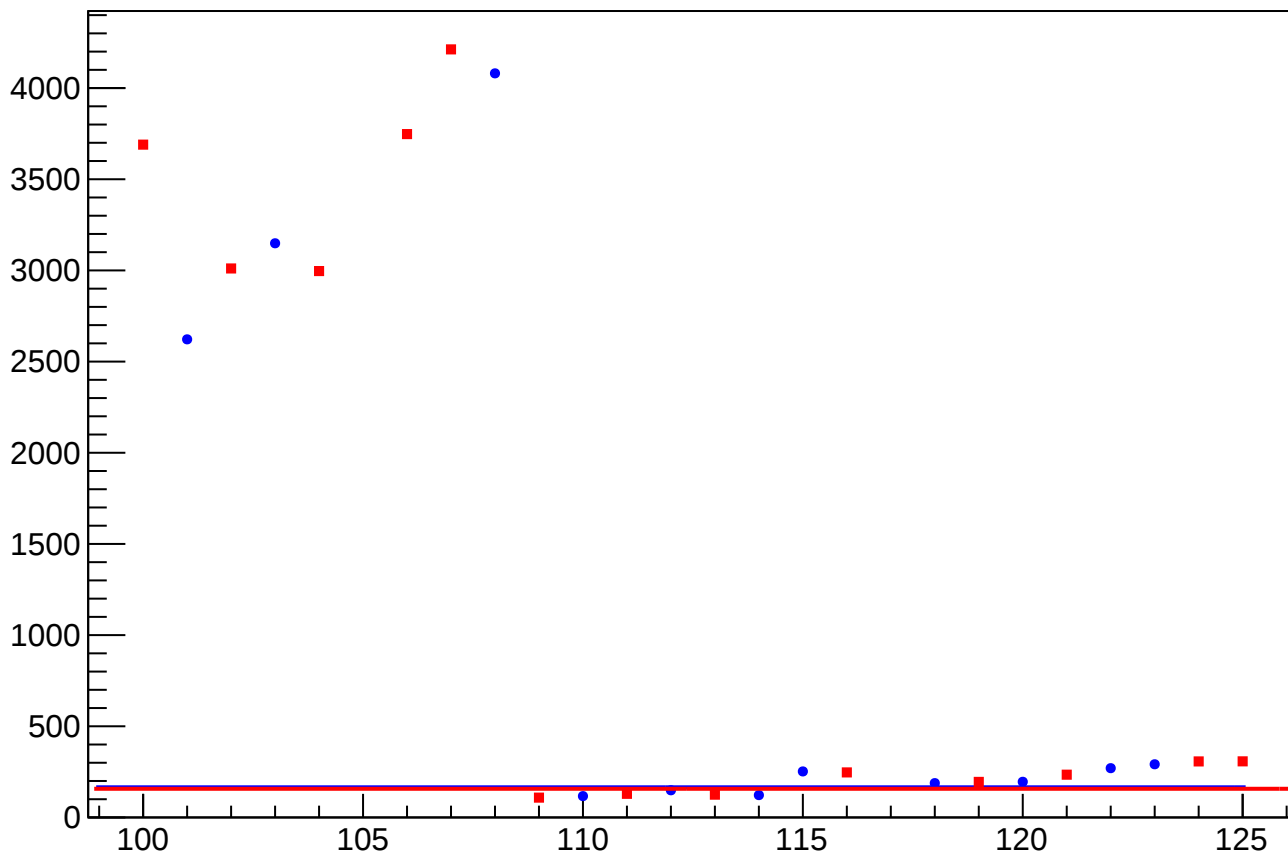
Right: 82.361 $\pm$ 73.442 χ^2 /NDF: 16.7/23

In: 119.667 $\pm$ 109.823 χ^2 /NDF:7.7/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 82.361 $\pm$ 73.442 χ^2 /NDF: 16.7/23

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 165.363+/-0.078 χ^2/NDF : 3085611.3/10

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

Right Out: 157.258+/-0.070 χ^2/NDF : 3782098.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

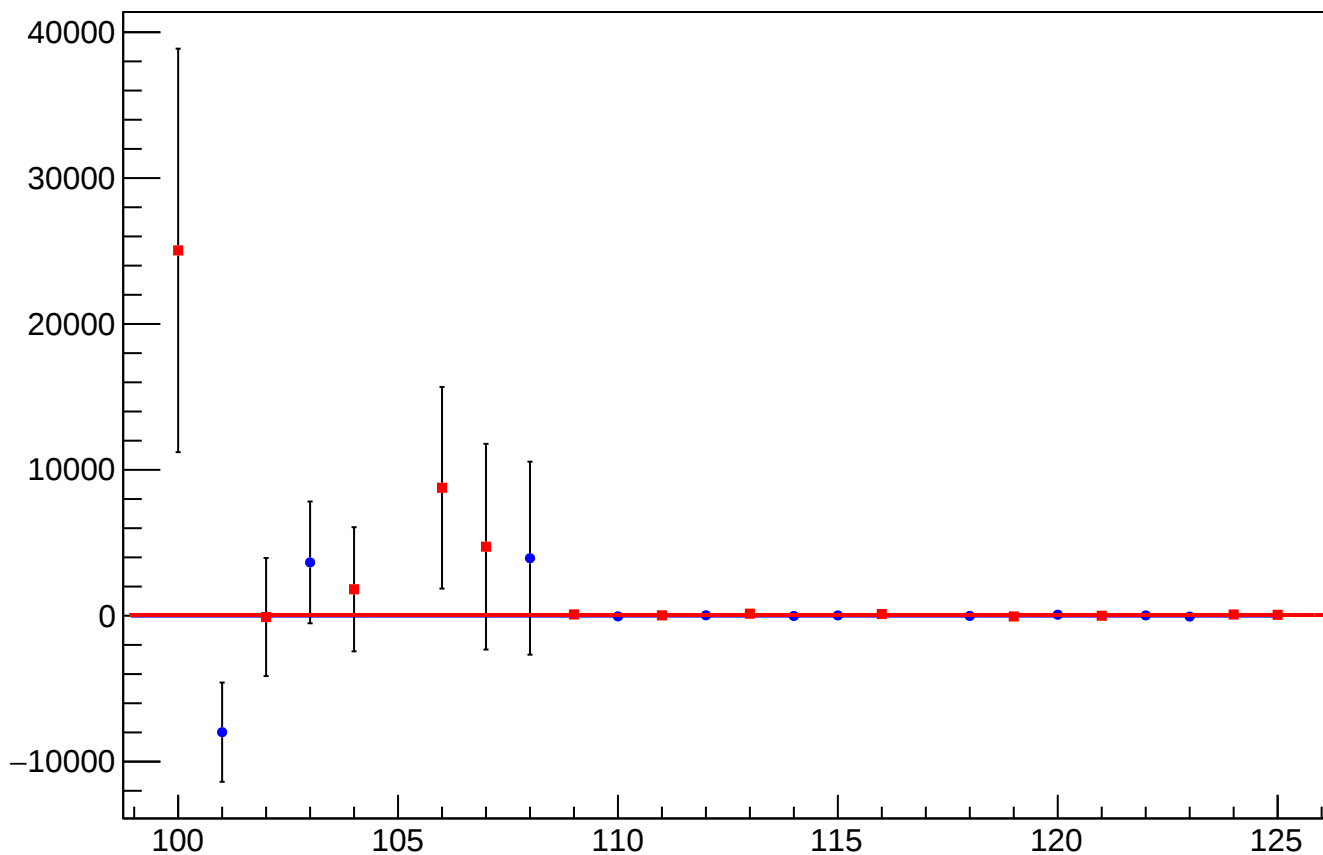
Right: 160.883+/-0.052 χ^2/NDF : 6873730.7/23

In: 165.363+/-0.078 χ^2/NDF : 3085611.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.883+/-0.052 χ^2/NDF : 6873730.7/23

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 9.641+/-20.123 χ^2/NDF : 9.9/10

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

Right Out: 49.054+/-18.638 χ^2/NDF : 17.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

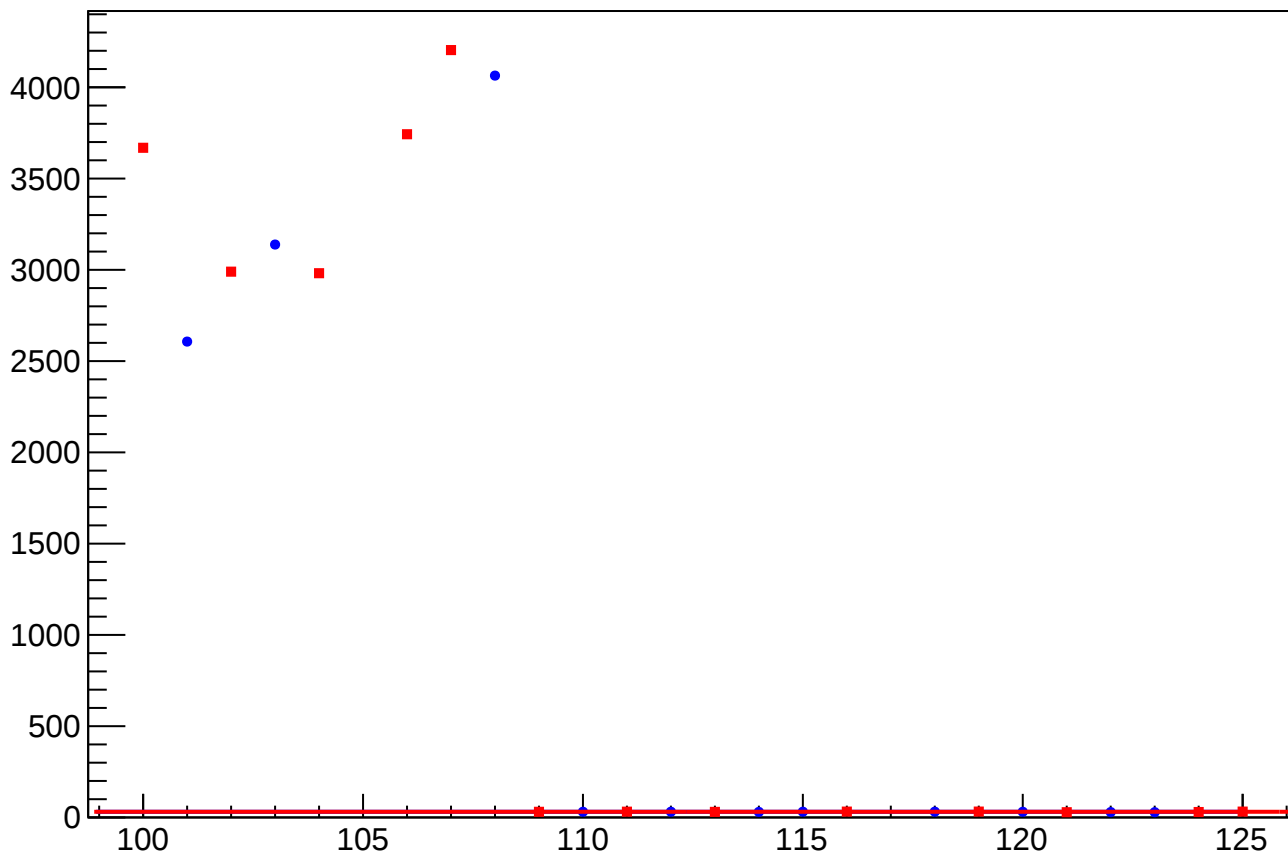
Right: 30.855+/-13.674 χ^2/NDF : 29.7/23

In: 9.641+/-20.123 χ^2/NDF : 9.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.855+/-13.674 χ^2/NDF : 29.7/23

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 31.067+/-0.014 χ^2/NDF : 3003544.1/10

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

Right Out: 31.143+/-0.013 χ^2/NDF : 3456046.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

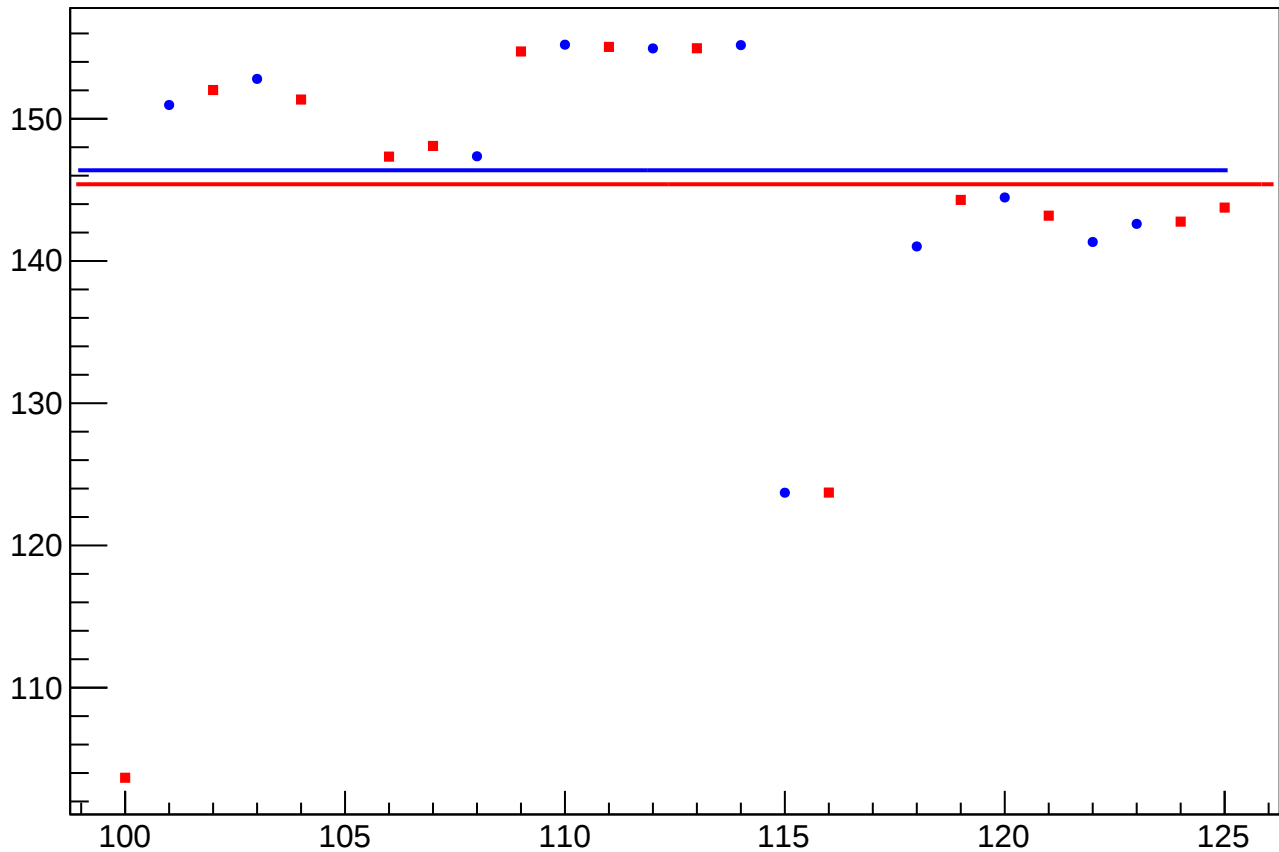
Right: 31.108+/-0.010 χ^2/NDF : 6459606.1/23

In: 31.067+/-0.014 χ^2/NDF : 3003544.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.108+/-0.010 χ^2/NDF : 6459606.1/23

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 146.380+/-0.000 χ^2 /NDF: 1946175152.2/10

Right: 145.803+/-0.000 χ^2 /NDF: 5844673351.8/23

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

In: 146.380+/-0.000 χ^2 /NDF: 1946175152.2/10

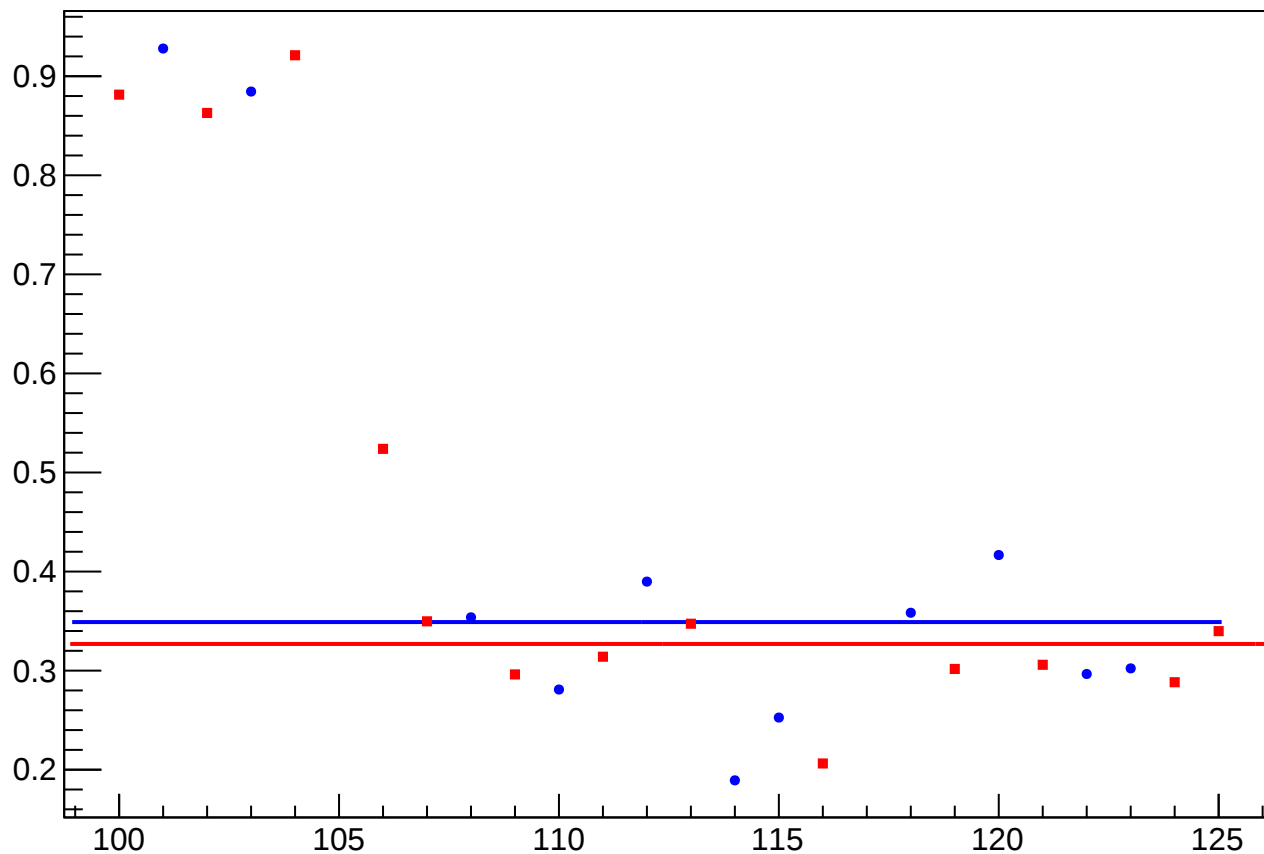
Right Out: 145.396+/-0.000 χ^2 /NDF: 3884493419.3/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 145.803+/-0.000 χ^2 /NDF: 5844673351.8

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.349+/-0.000 χ^2/NDF : 1096230.1/10

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

Right Out: 0.327+/-0.000 χ^2/NDF : 1116031.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

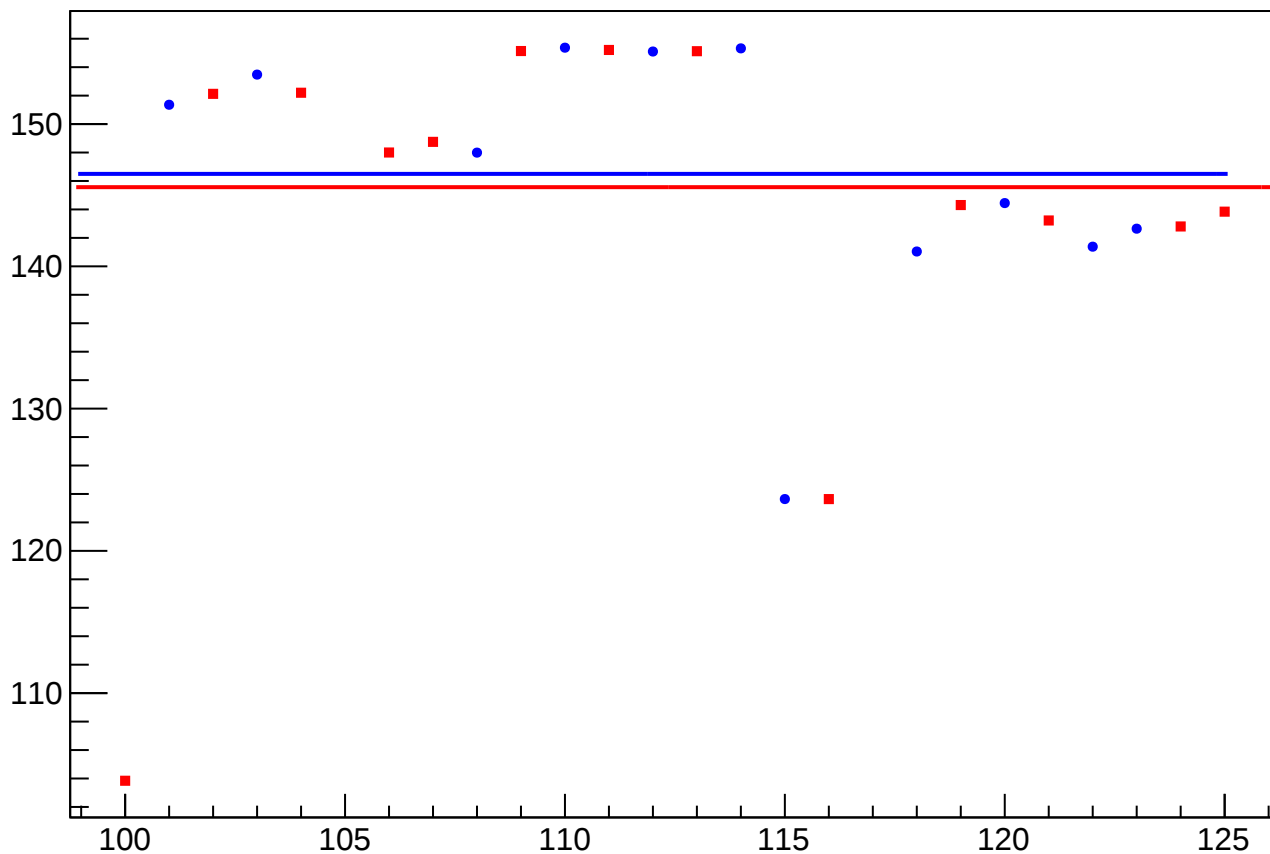
Right: 0.336+/-0.000 χ^2/NDF : 2226401.9/23

In: 0.349+/-0.000 χ^2/NDF : 1096230.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.336+/-0.000 χ^2/NDF : 2226401.9/23

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 146.499+/-0.000 χ^2 /NDF: 1960215340.6/10

Right: 145.951+/-0.000 χ^2 /NDF: 5869910653.2/23

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

Right Out: 145.565+/-0.000 χ^2 /NDF: 3897246882.5/12

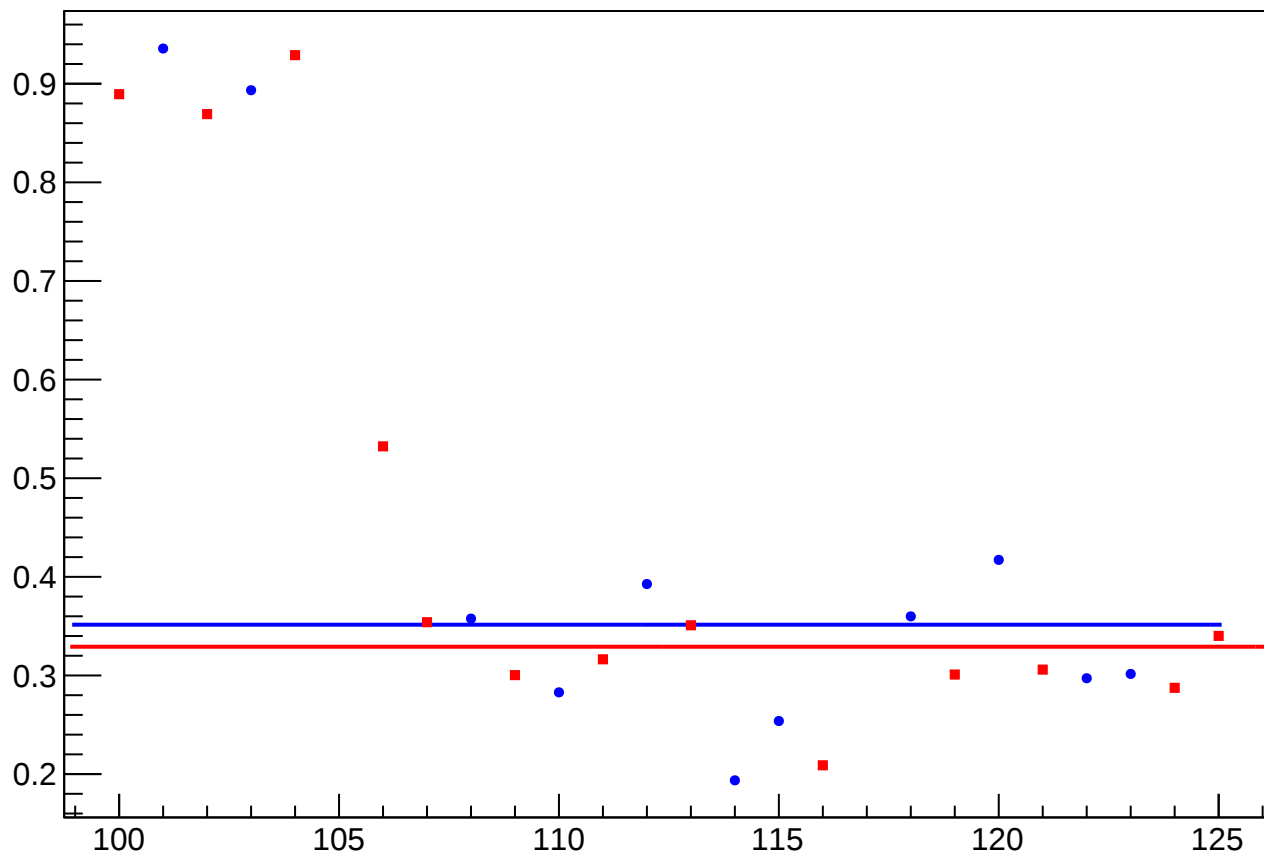
In: 146.499+/-0.000 χ^2 /NDF: 1960215340.6/10

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 145.951+/-0.000 χ^2 /NDF: 5869910653.2

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.351+/-0.000 χ^2/NDF : 1093054.3/10

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

Right Out: 0.329+/-0.000 χ^2/NDF : 1117292.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

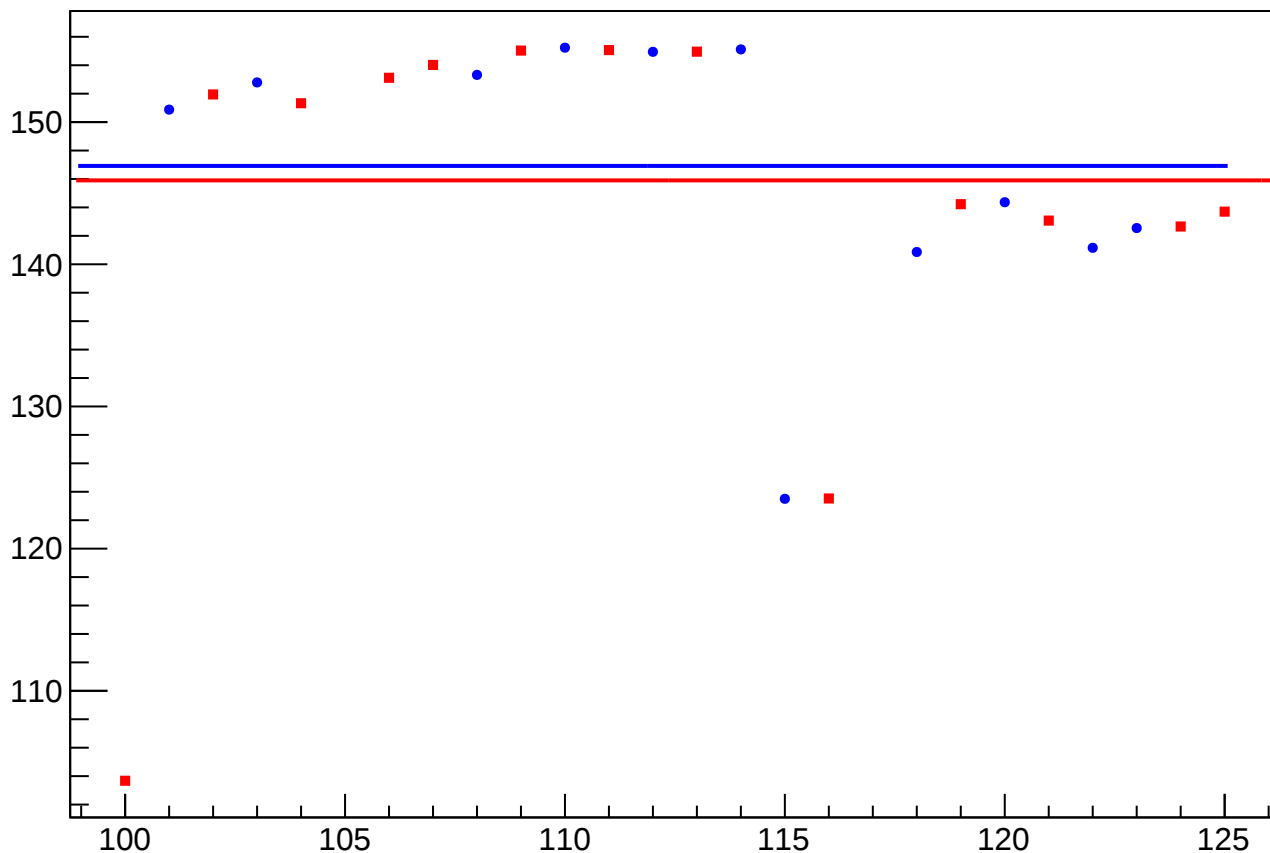
Right: 0.338+/-0.000 χ^2/NDF : 2224578.0/23

In: 0.351+/-0.000 χ^2/NDF : 1093054.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

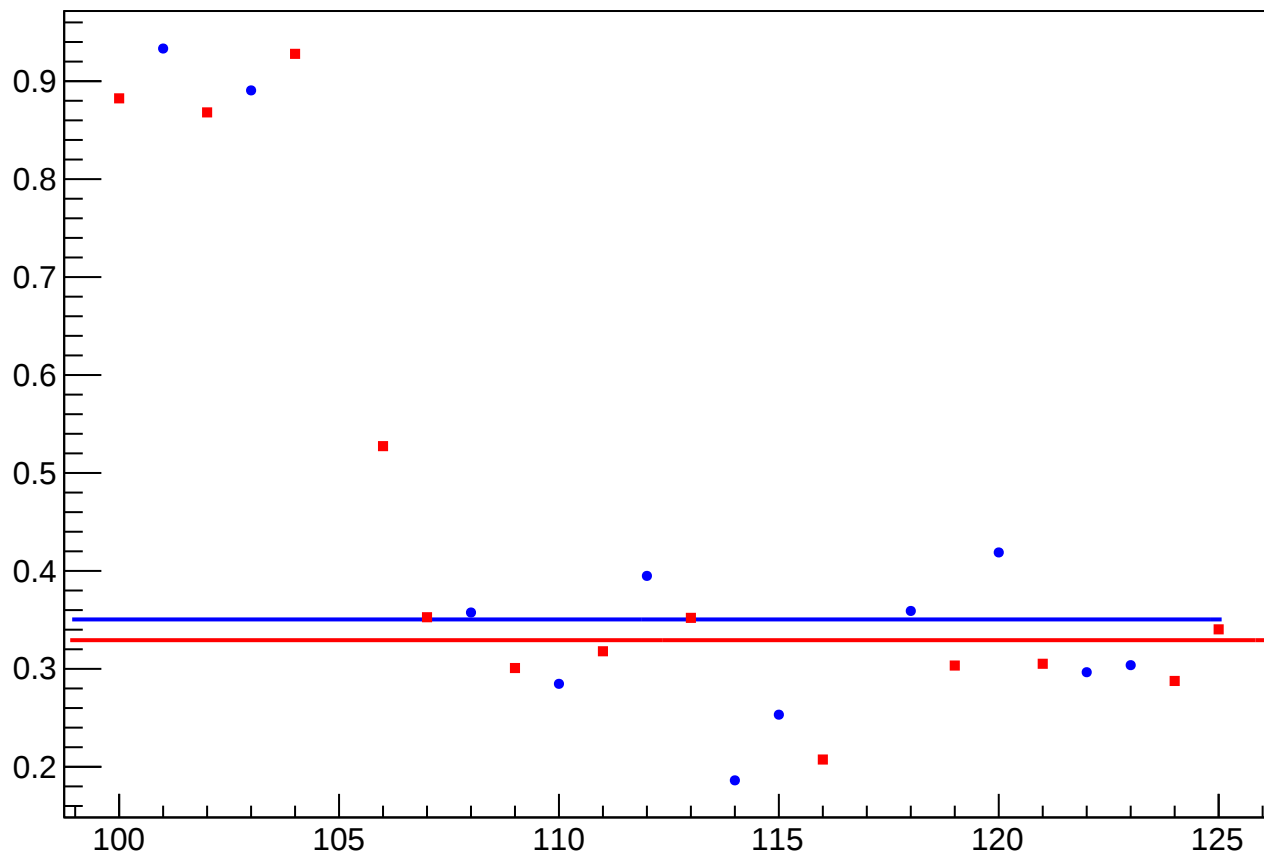
All: 0.338+/-0.000 χ^2/NDF : 2224578.0/23

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 146.918 $\pm$ 0.000 χ^2 /NDF: 2086808057.6/10
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 145.901 $\pm$ 0.000 χ^2 /NDF: 4127460795.7/12
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 146.323 $\pm$ 0.000 χ^2 /NDF: 6229070040.9/23
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 146.323 $\pm$ 0.000 χ^2 /NDF: 6229070040.9/23
 In: 146.918 $\pm$ 0.000 χ^2 /NDF:2086808057.6/10
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.350+/-0.000 χ^2/NDF : 1107391.8/10

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

Right Out: 0.329+/-0.000 χ^2/NDF : 1117463.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

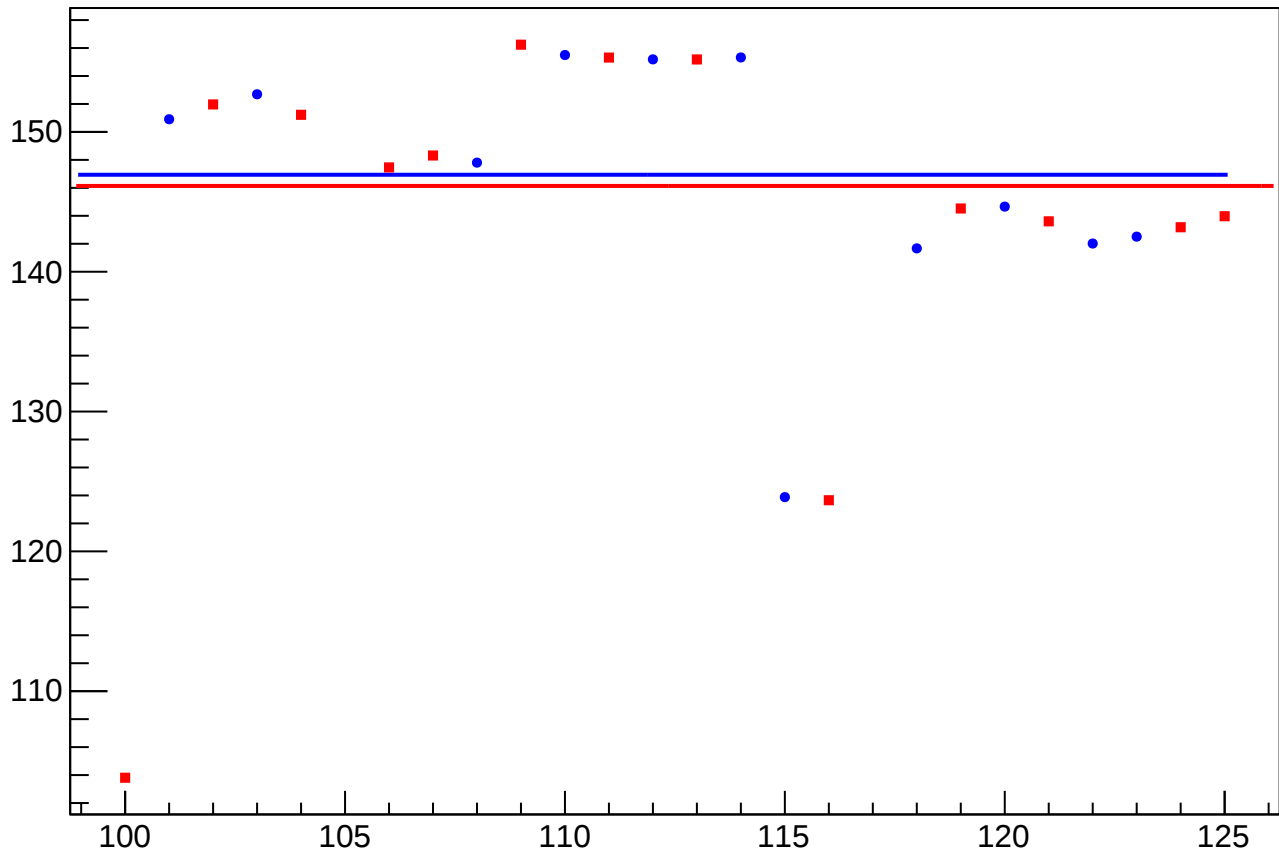
Right: 0.338+/-0.000 χ^2/NDF : 2237680.4/23

In: 0.350+/-0.000 χ^2/NDF : 1107391.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.338+/-0.000 χ^2/NDF : 2237680.4/23

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 146.937+/-0.000 χ^2 /NDF: 1733709049.6/10

Right: 146.472+/-0.000 χ^2 /NDF: 5286996715.2/23

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

Right Out: 146.137+/-0.000 χ^2 /NDF: 3544504217.5/12

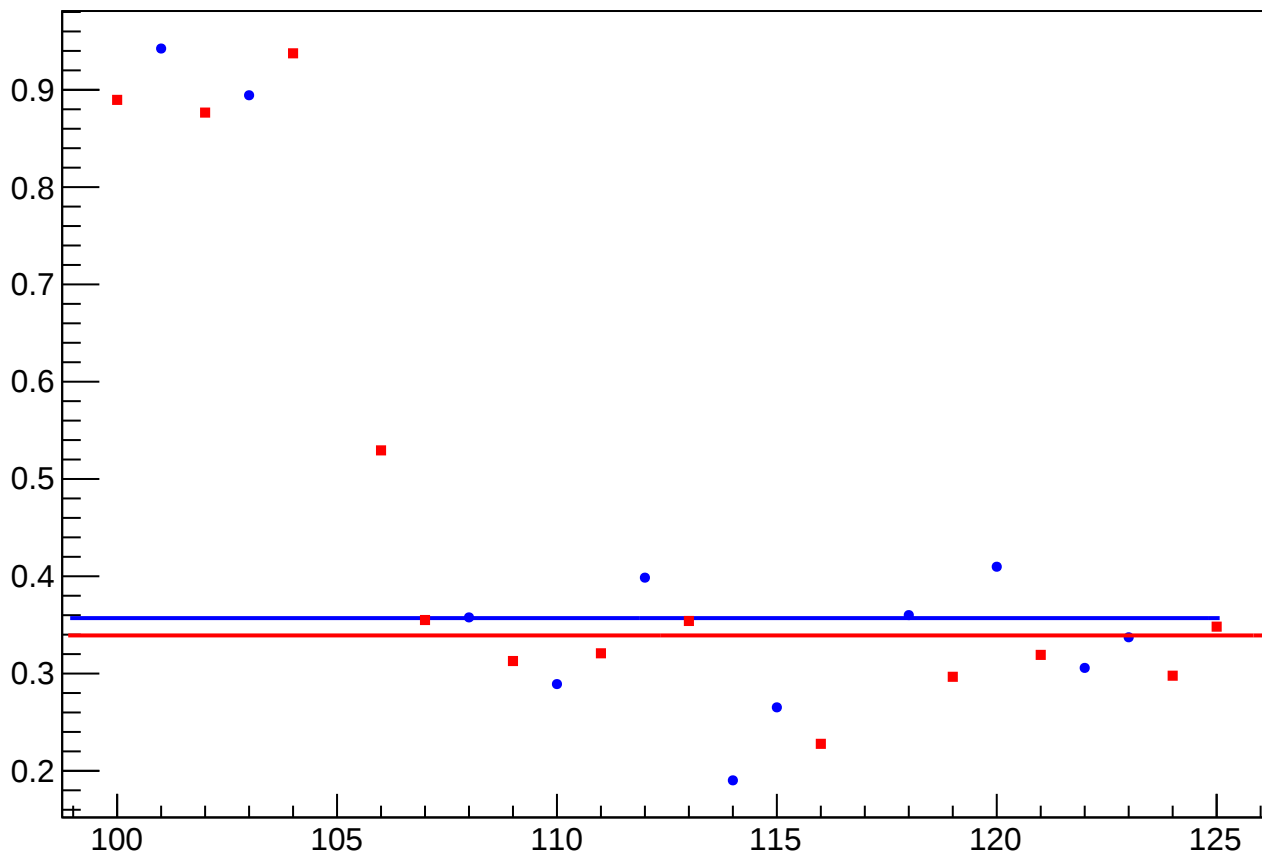
In: 146.937+/-0.000 χ^2 /NDF: 1733709049.6/10

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 146.472+/-0.000 χ^2 /NDF: 5286996715.2

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.357+/-0.000 χ^2/NDF : 1073458.4/10

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

Right Out: 0.339+/-0.000 χ^2/NDF : 1051285.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

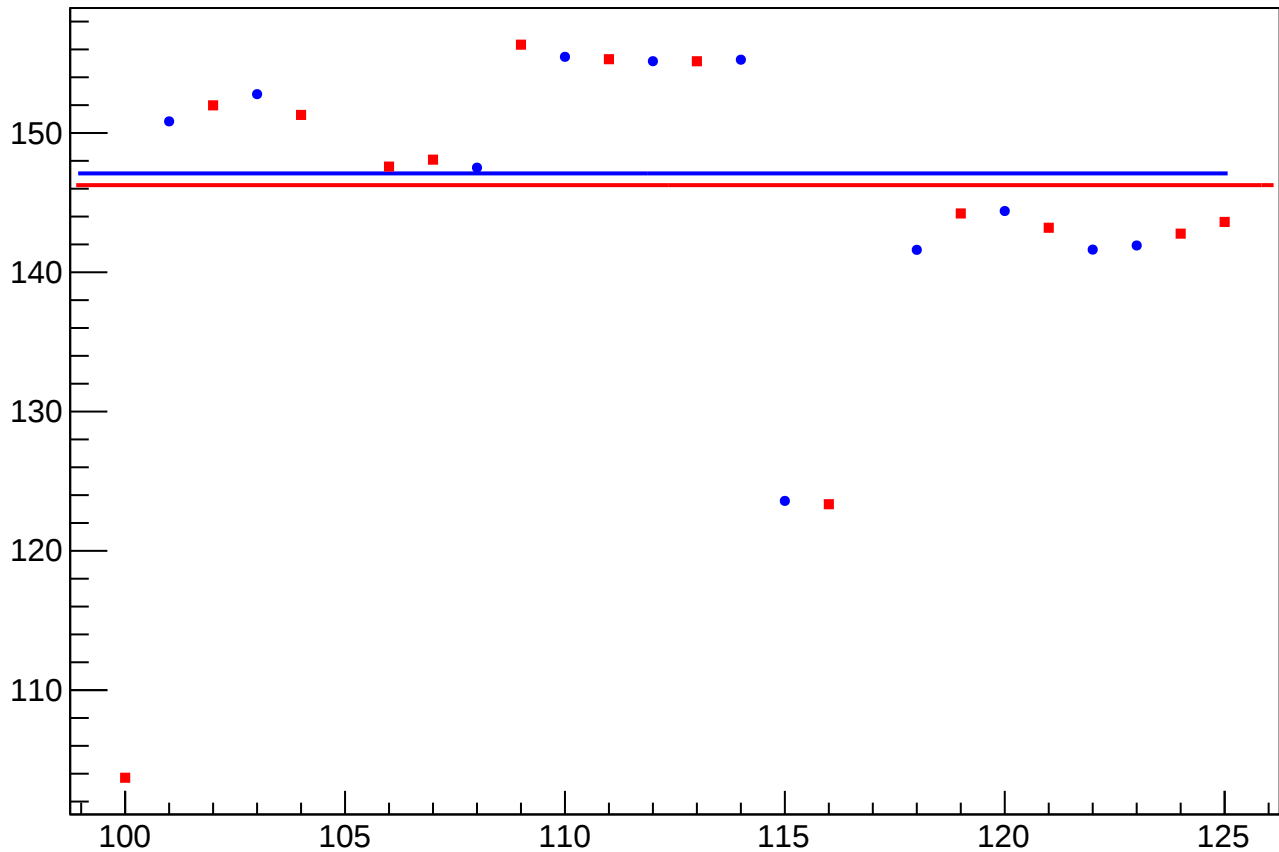
Right: 0.347+/-0.000 χ^2/NDF : 2133438.3/23

In: 0.357+/-0.000 χ^2/NDF : 1073458.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.347+/-0.000 χ^2/NDF : 2133438.3/23

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 147.098+/-0.000 χ^2 /NDF: 1762168283.5/10

Right: 146.611+/-0.000 χ^2 /NDF: 5370772591.7/23

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

Right Out: 146.256+/-0.000 χ^2 /NDF: 3598921109.4/12

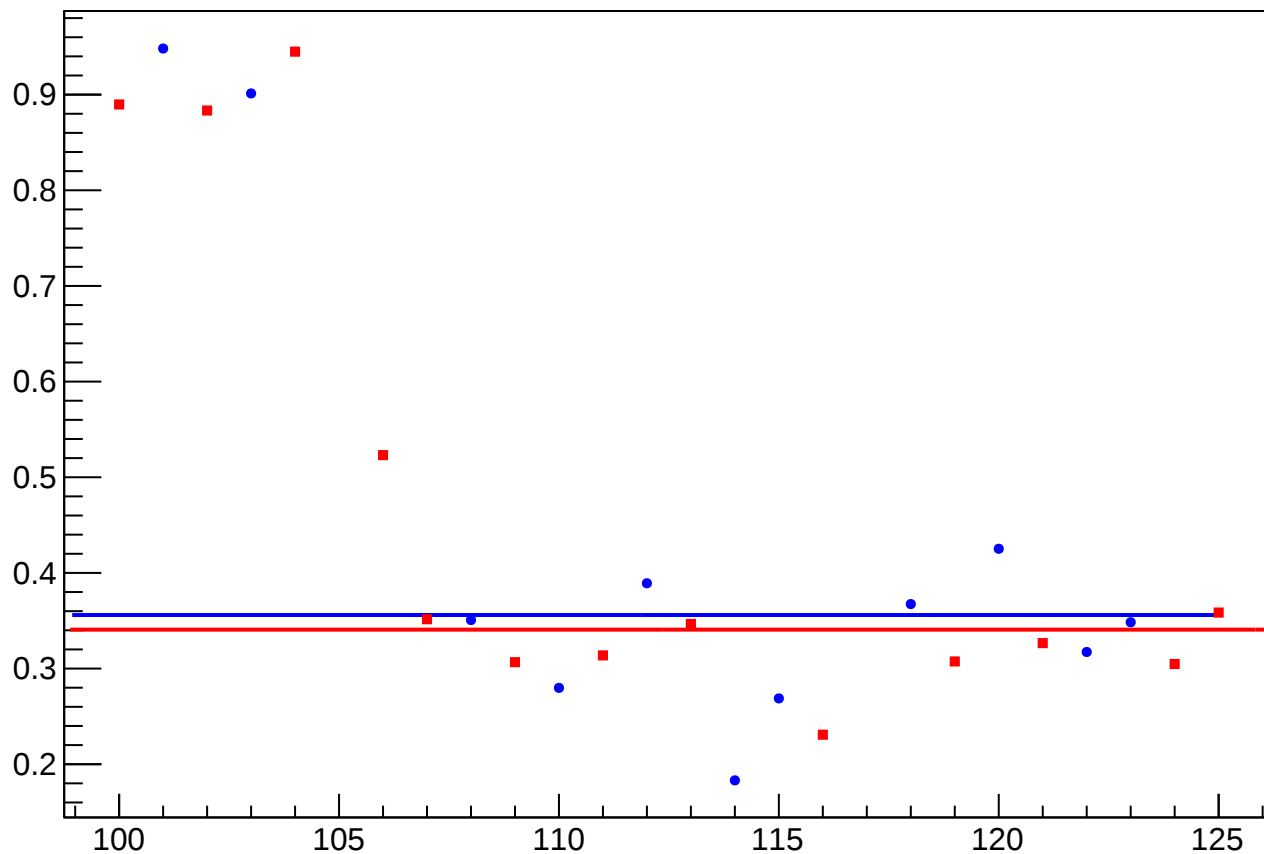
In: 147.098+/-0.000 χ^2 /NDF: 1762168283.5/10

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 146.611+/-0.000 χ^2 /NDF: 5370772591.7

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.356+/-0.000 χ^2/NDF : 1103337.6/10

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

Right Out: 0.341+/-0.000 χ^2/NDF : 1040363.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

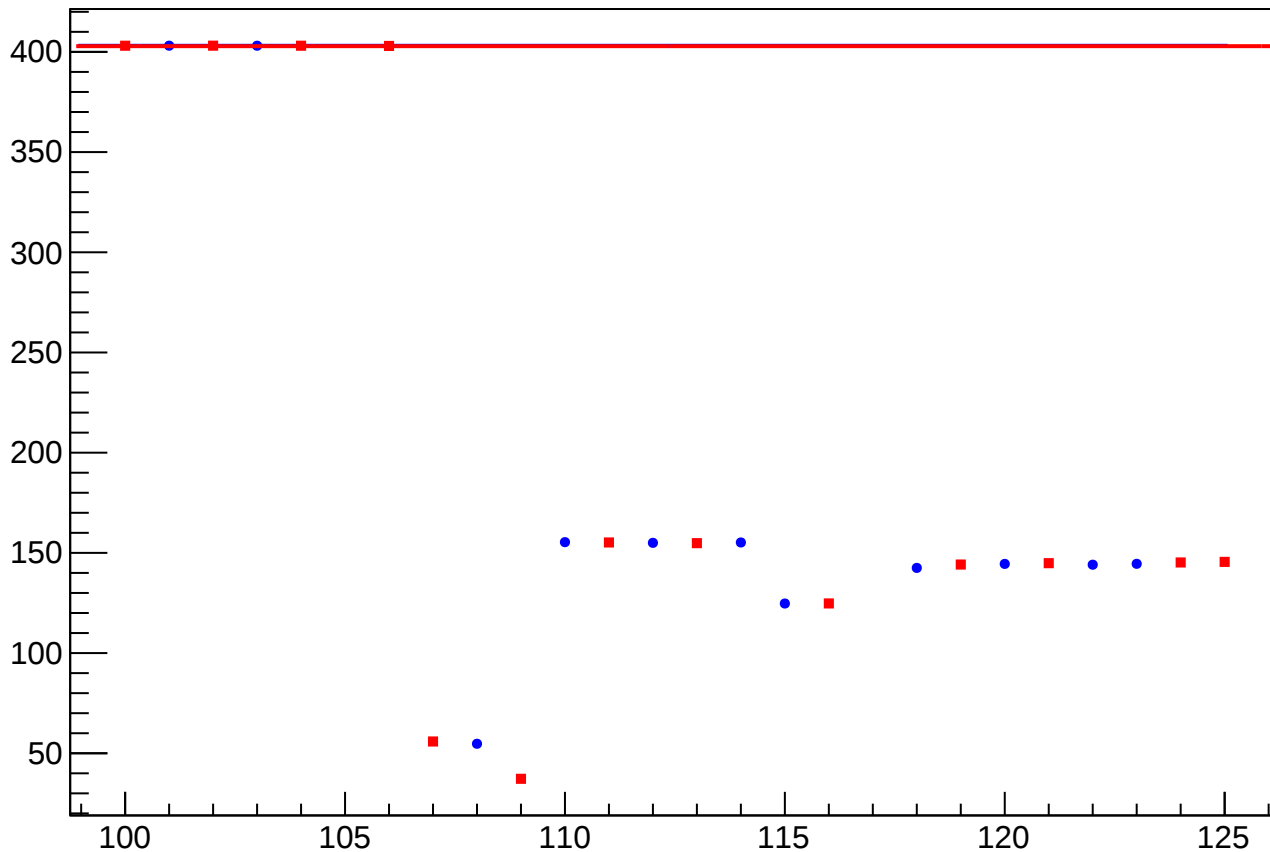
Right: 0.347+/-0.000 χ^2/NDF : 2150086.4/23

In: 0.356+/-0.000 χ^2/NDF : 1103337.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.347+/-0.000 χ^2/NDF : 2150086.4/23

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 403.033+/-0.000 χ^2/NDF : 489899870433.0/10

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

Right Out: 402.853+/-0.000 χ^2/NDF : 2610073545140.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

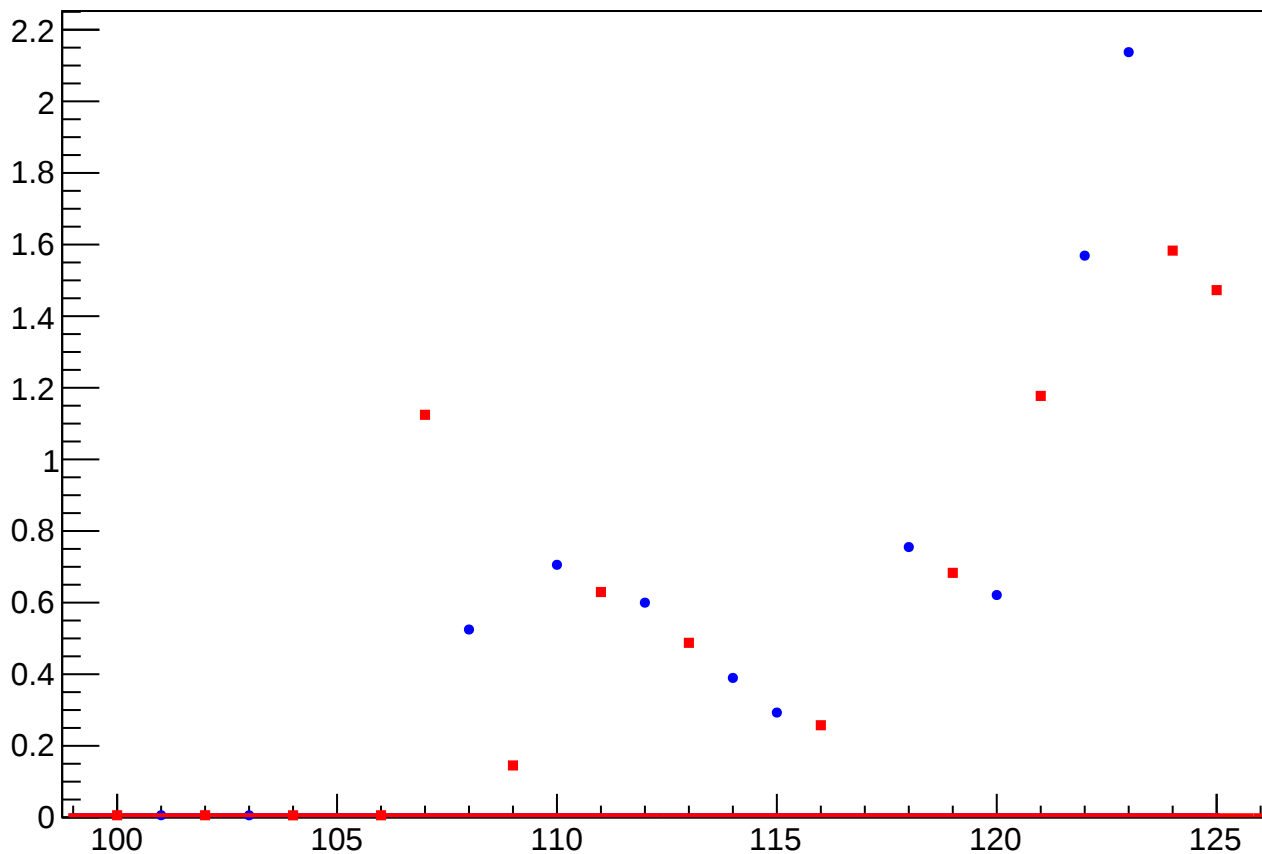
Right: 402.937+/-0.000 χ^2/NDF : 3100510796952.0/10

In: 403.033+/-0.000 χ^2/NDF : 489899870433.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 402.937+/-0.000 χ^2/NDF : 3100510796952.0/10

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 4441315.6/10

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

Right Out: 0.006+/-0.000 χ^2/NDF : 5220619.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

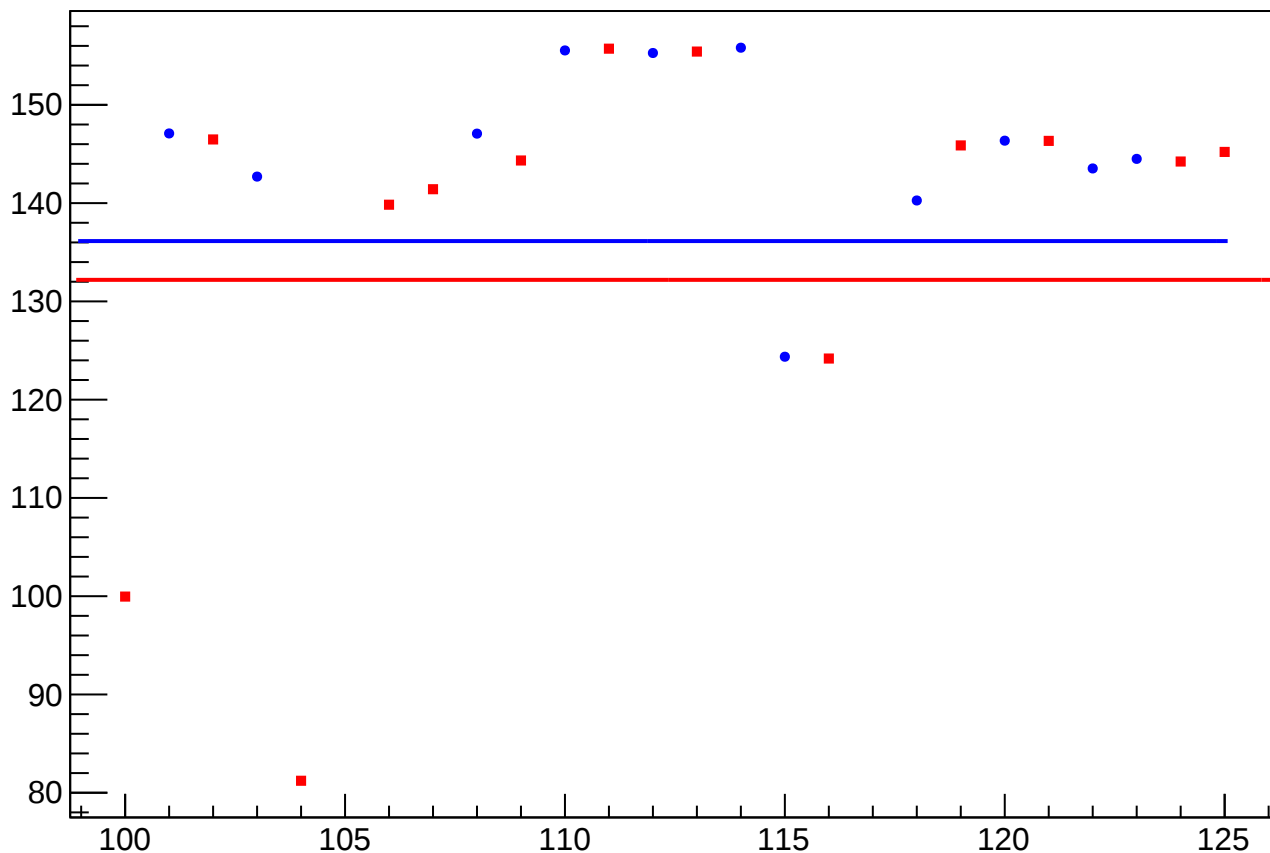
Right: 0.006+/-0.000 χ^2/NDF : 9661963.1/23

In: 0.006+/-0.000 χ^2/NDF :4441315.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

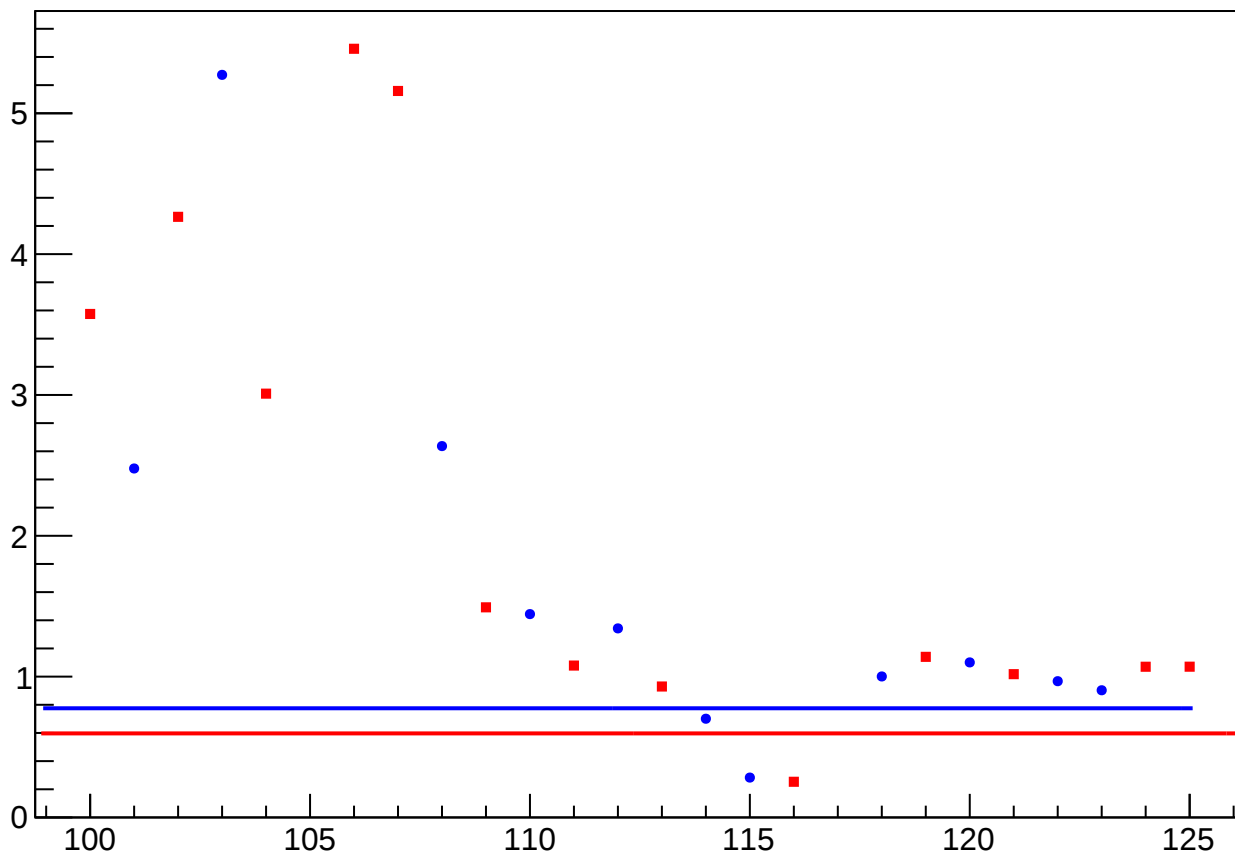
All: 0.006+/-0.000 χ^2/NDF : 9661963.1/23

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 136.139+/-0.001 χ^2/NDF : 484164606.8/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 132.192+/-0.000 χ^2/NDF : 938596739.4/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 133.655+/-0.000 χ^2/NDF : 1455031472.5/23

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.775+/-0.000 χ^2/NDF : 2767013.4/10

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

Right Out: 0.597+/-0.000 χ^2/NDF : 4199784.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

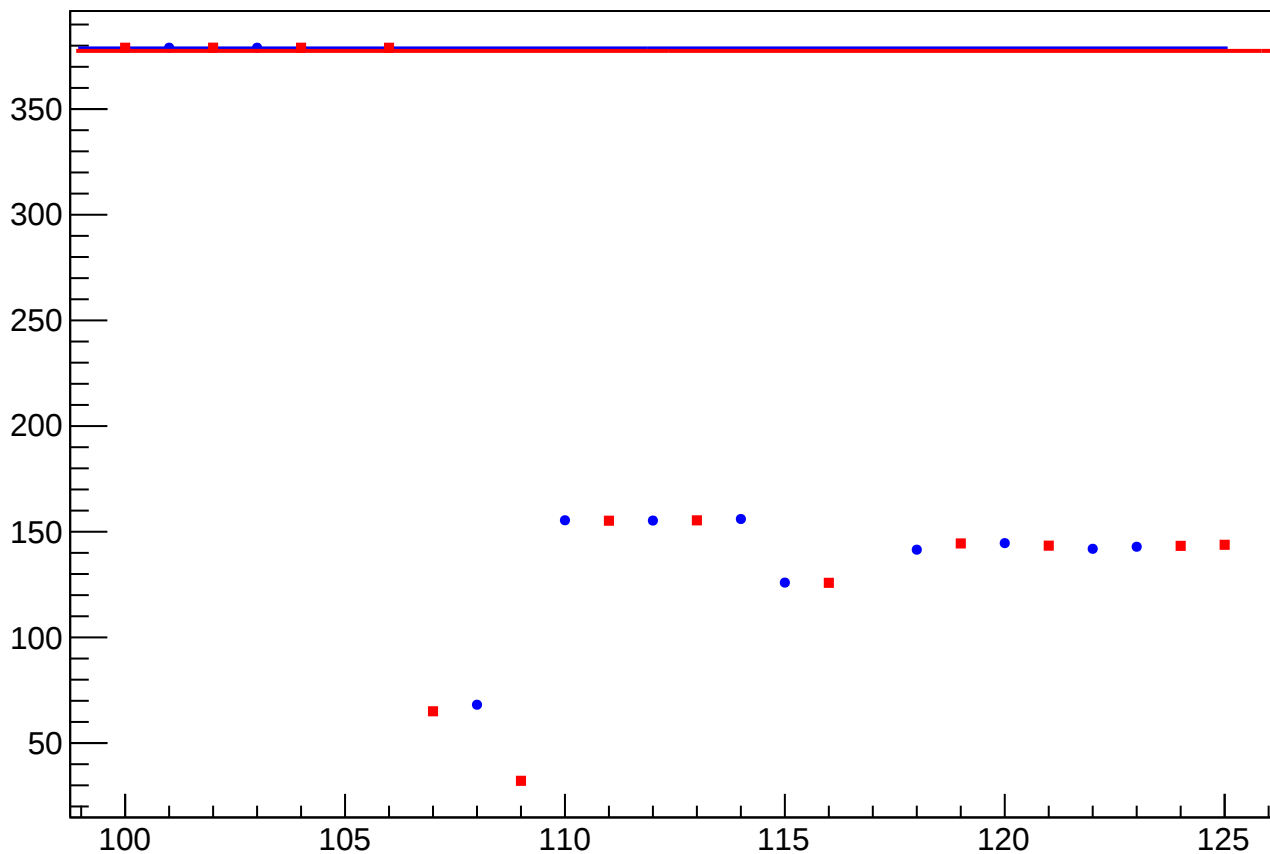
Right: 0.663+/-0.000 χ^2/NDF : 7098676.0/23

In: 0.775+/-0.000 χ^2/NDF : 2767013.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

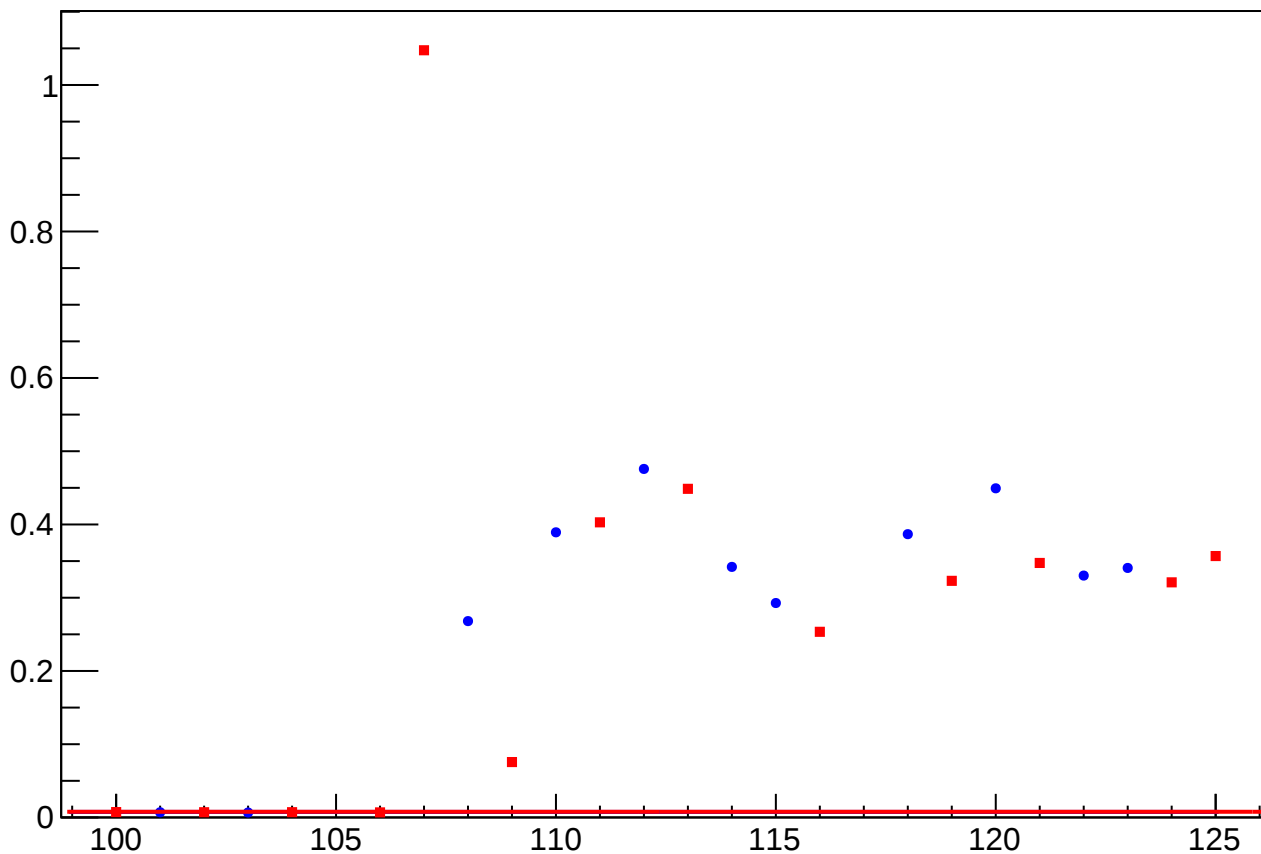
All: 0.663+/-0.000 χ^2/NDF : 7098676.0/23

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 378.697+/-0.000 χ^2/NDF : 1206150315715.5/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 377.536+/-0.000 χ^2/NDF : 7403796752973.3/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 378.078+/-0.000 χ^2/NDF : 8619496078227.1

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 4697127.5/10

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

Right Out: 0.008+/-0.000 χ^2/NDF : 5298393.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

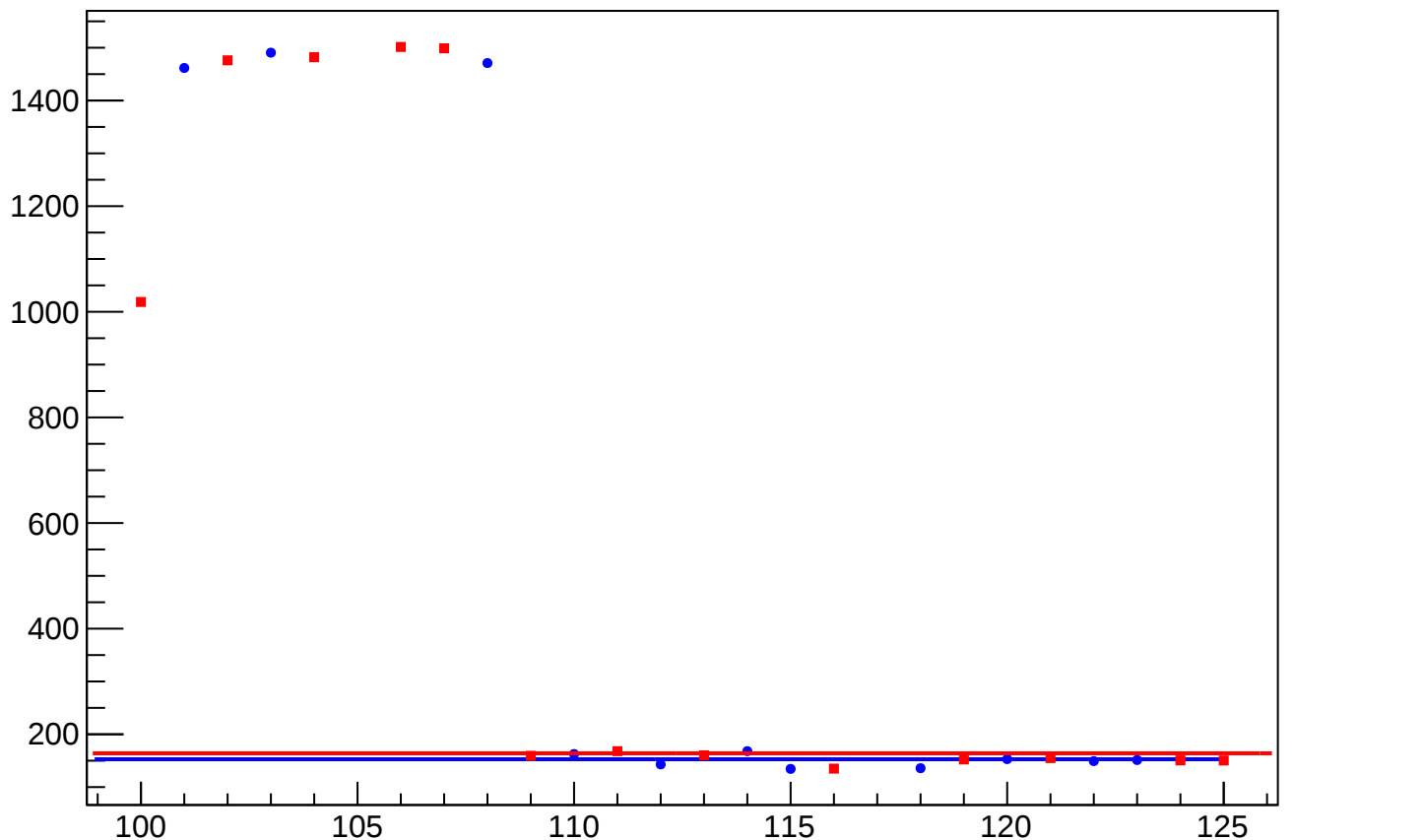
Right: 0.008+/-0.000 χ^2/NDF : 9996212.0/23

In: 0.008+/-0.000 χ^2/NDF : 4697127.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

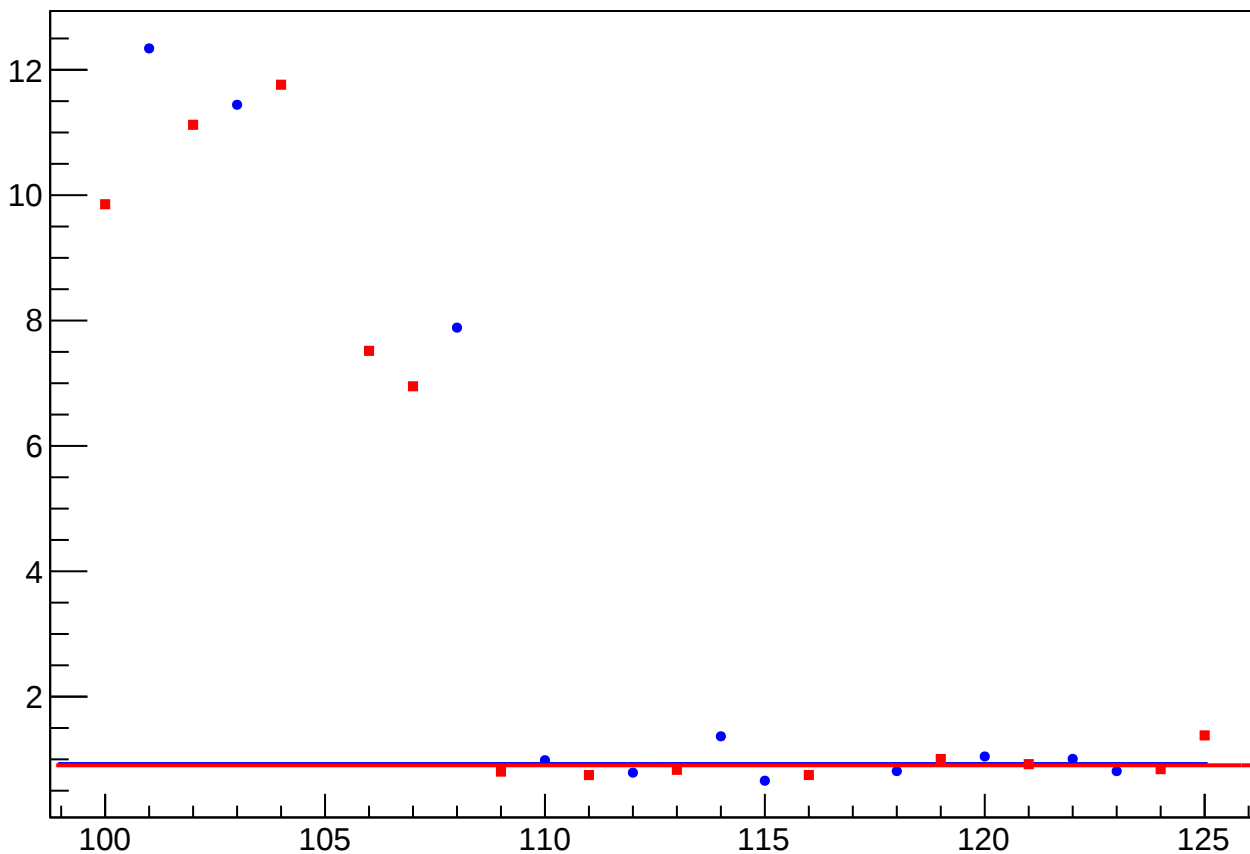
All: 0.008+/-0.000 χ^2/NDF : 9996212.0/23

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 152.740 $\pm$ 0.001 χ^2 /NDF: 24062116390.6/10
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 163.992 $\pm$ 0.001 χ^2 /NDF: 32879761978.9/12
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 158.999 $\pm$ 0.000 χ^2 /NDF: 57108336171.3/23
 In: 152.740 $\pm$ 0.001 χ^2 /NDF:24062116390.6/10
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 158.999 $\pm$ 0.000 χ^2 /NDF: 57108336171.3/23

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.925+/-0.000 χ^2/NDF : 2544822.5/10

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

Right Out: 0.905+/-0.000 χ^2/NDF : 2738245.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

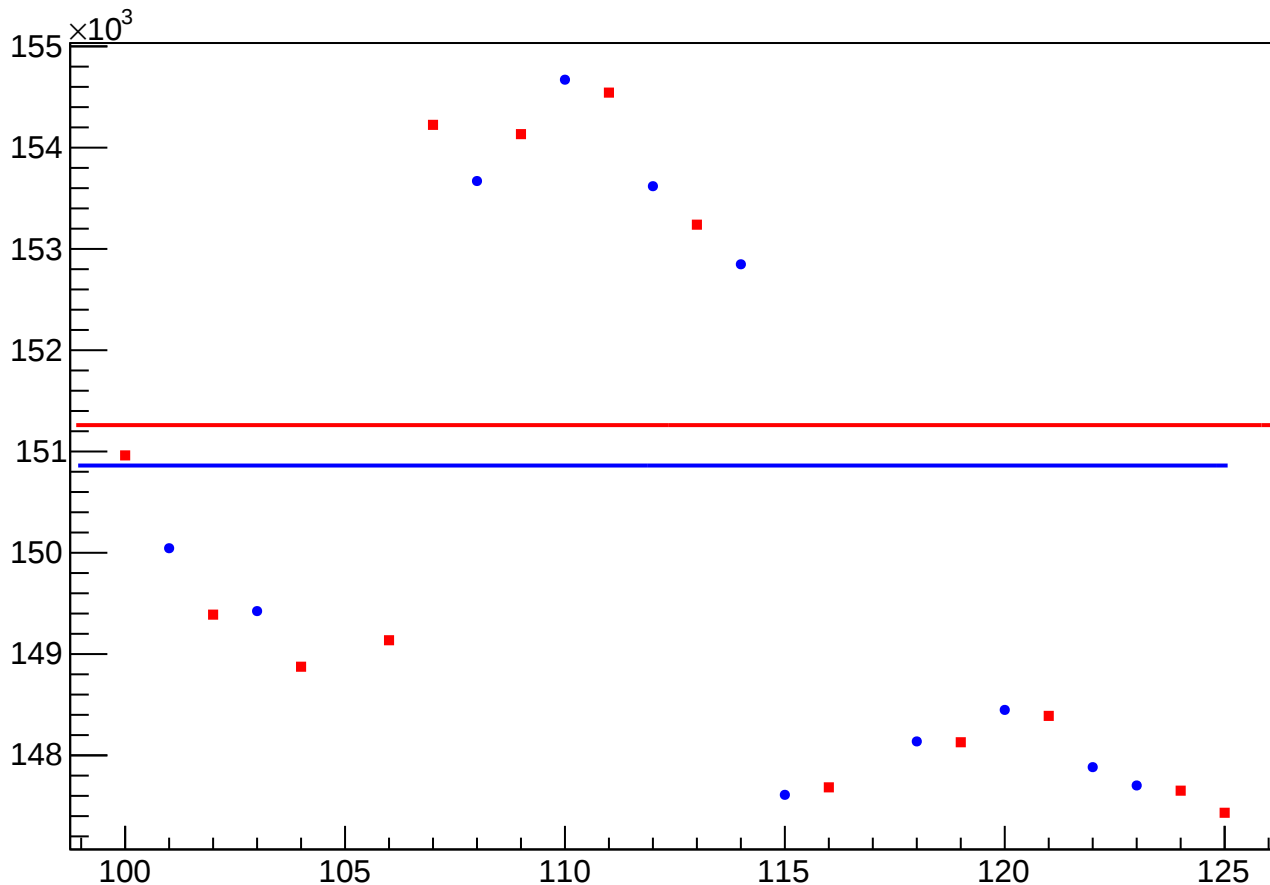
Right: 0.914+/-0.000 χ^2/NDF : 5284088.7/23

In: 0.925+/-0.000 χ^2/NDF : 2544822.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.914+/-0.000 χ^2/NDF : 5284088.7/23

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 150861.498+/-0.079 χ^2 /NDF: 1322913125.6/10

Right: 151082.729+/-0.053 χ^2 /NDF: 3089462125.3/10

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

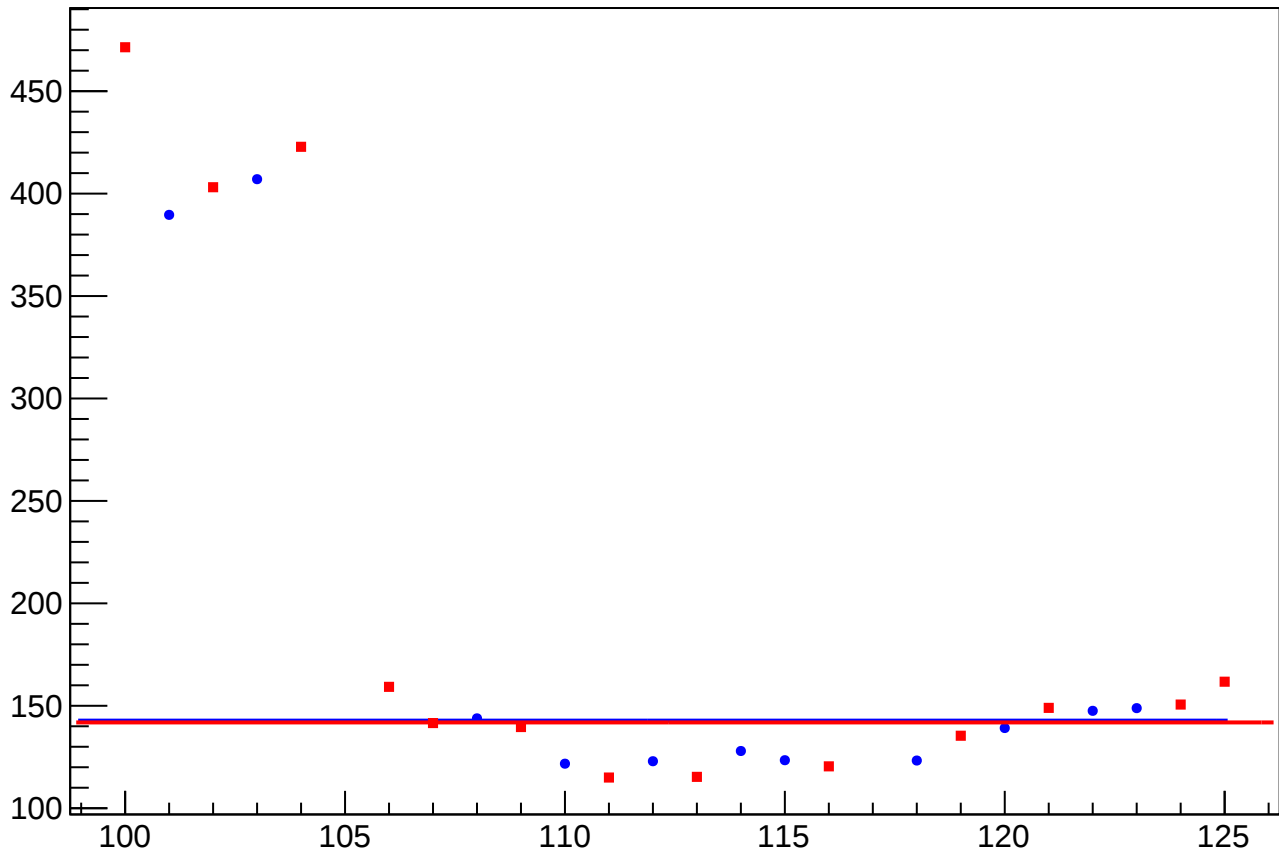
Right Out: 151260.513+/-0.071 χ^2 /NDF: 1752457609.8/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 151082.729+/-0.053 χ^2 /NDF: 3089462125.3/10

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 142.750+/-0.056 χ^2/NDF : 1025032.0/10

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

Right Out: 141.877+/-0.050 χ^2/NDF : 1086507.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

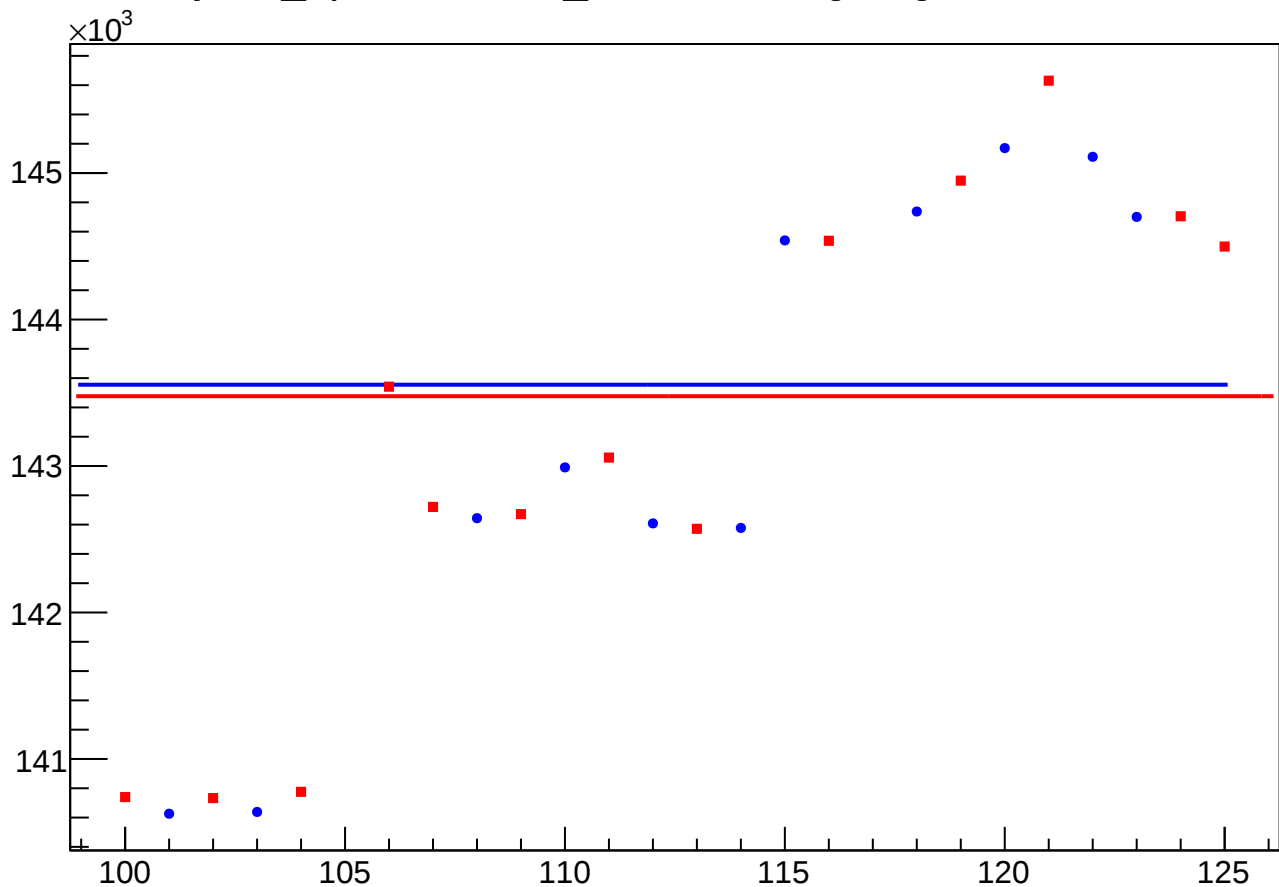
Right: 142.266+/-0.037 χ^2/NDF : 2111674.6/23

In: 142.750+/-0.056 χ^2/NDF :1025032.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

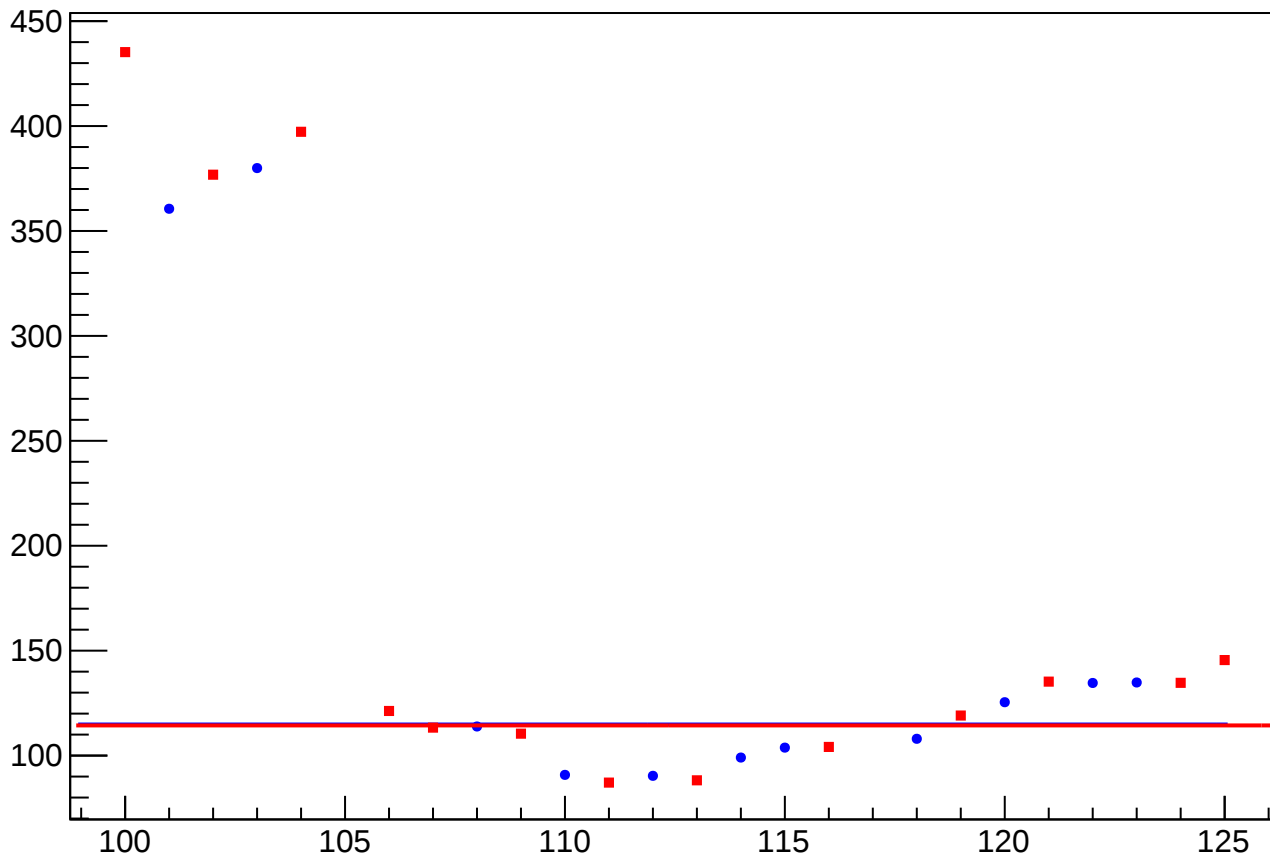
All: 142.266+/-0.037 χ^2/NDF : 2111674.6/23

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 143555.033+/-0.065 χ^2 /NDF: 345880672.0/10
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 143510.986+/-0.043 χ^2 /NDF: 722704450.2/2
 In: 143555.033+/-0.065 χ^2 /NDF: 345880672.0/10
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 143510.986+/-0.043 χ^2 /NDF: 722704450.2/2

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 114.804 $\pm$ 0.046 χ^2 /NDF: 1240268.1/10

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

Right Out: 114.374 $\pm$ 0.040 χ^2 /NDF: 1323088.7/12

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

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

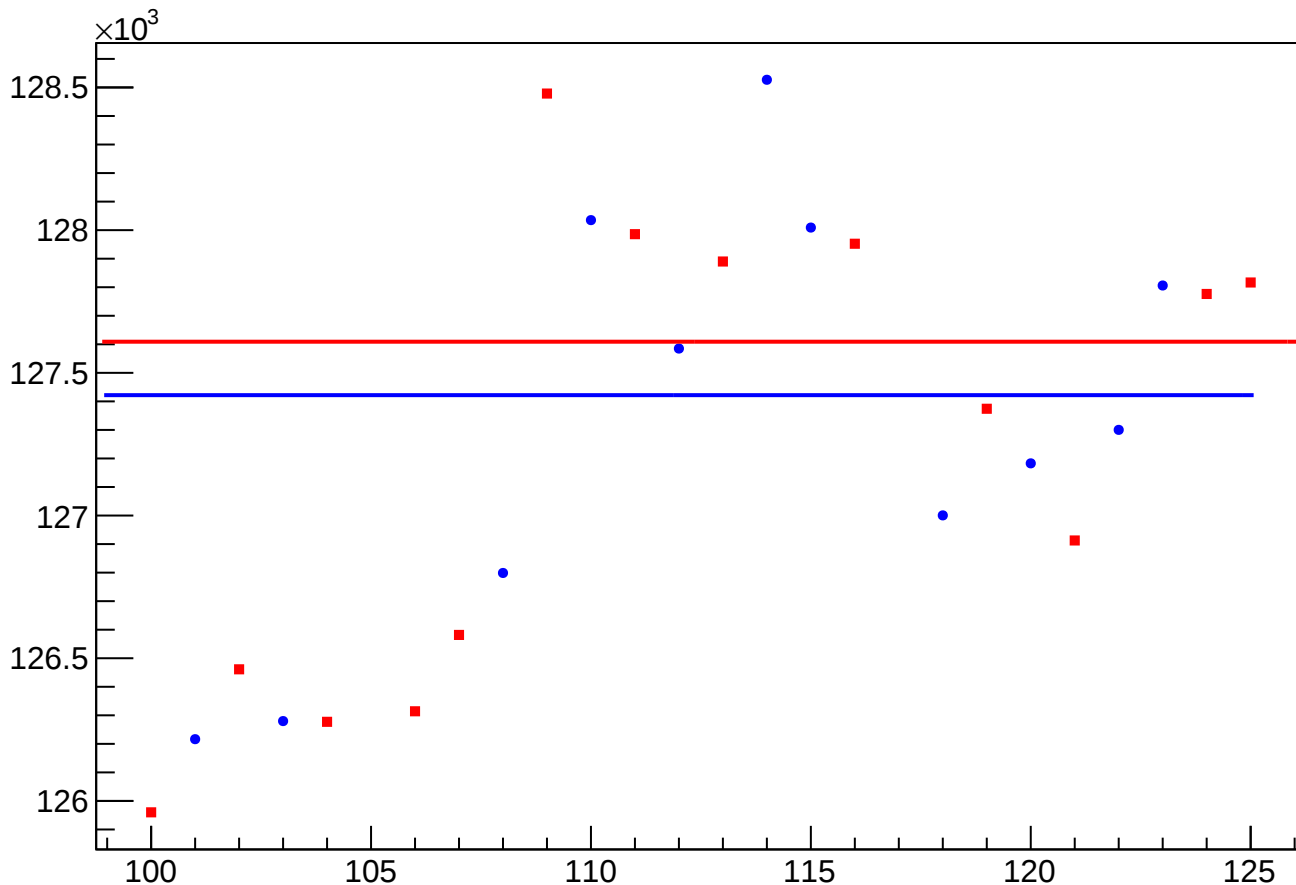
Right: 114.563 $\pm$ 0.030 χ^2 /NDF: 2563406.4/23

In: 114.804 $\pm$ 0.046 χ^2 /NDF:1240268.1/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

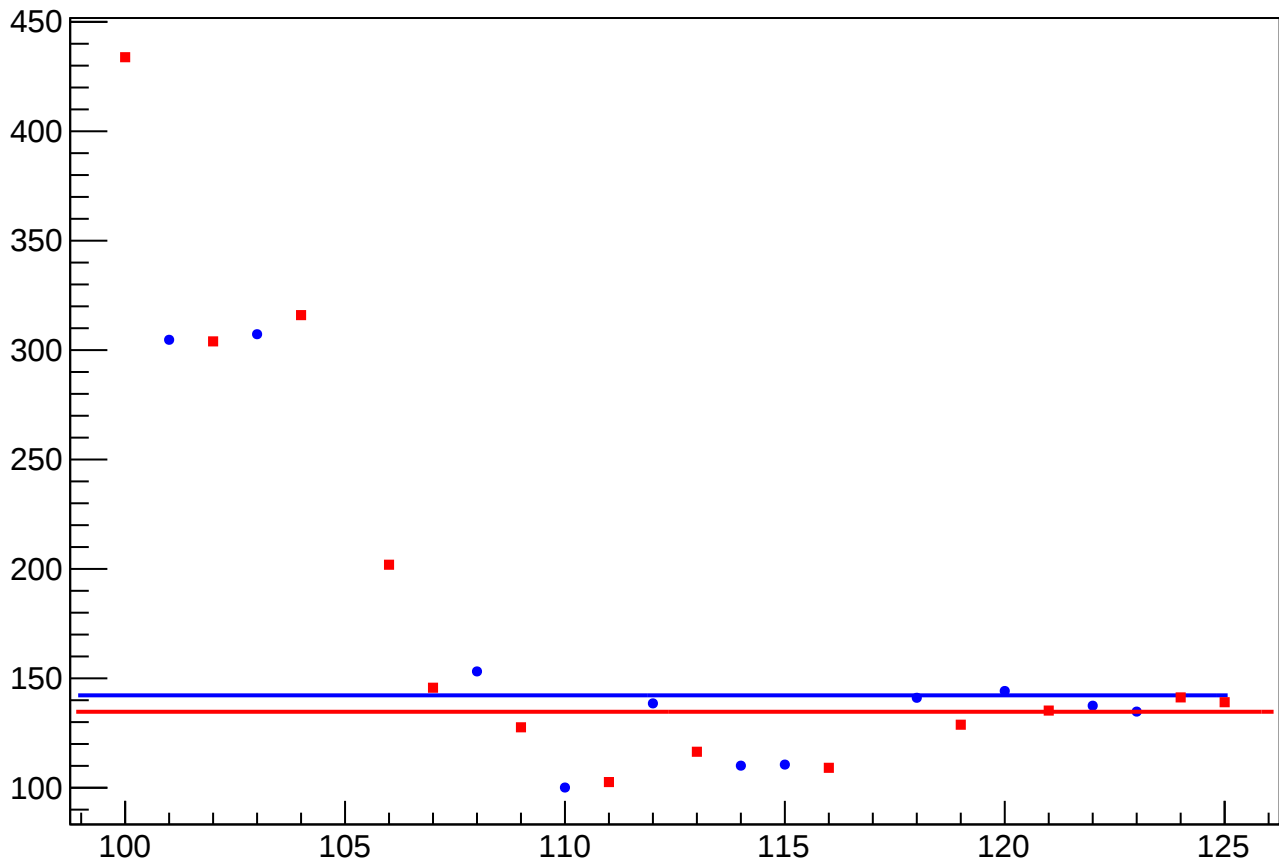
All: 114.563 $\pm$ 0.030 χ^2 /NDF: 2563406.4/23

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127421.830 $\pm$ 0.078 χ^2 /NDF: 56180998.4/10
 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: 127530.670 $\pm$ 0.051 χ^2 /NDF: 150459181.5/2
 Right Out: 127609.130 $\pm$ 0.066 χ^2 /NDF: 90933871.2/12
 In: 127421.830 $\pm$ 0.078 χ^2 /NDF: 56180998.4/10
 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: 127530.670 $\pm$ 0.051 χ^2 /NDF: 150459181

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 142.232 $\pm$ 0.055 χ^2 /NDF: 821832.9/10

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

Right Out: 134.725 $\pm$ 0.047 χ^2 /NDF: 924296.6/12

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

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

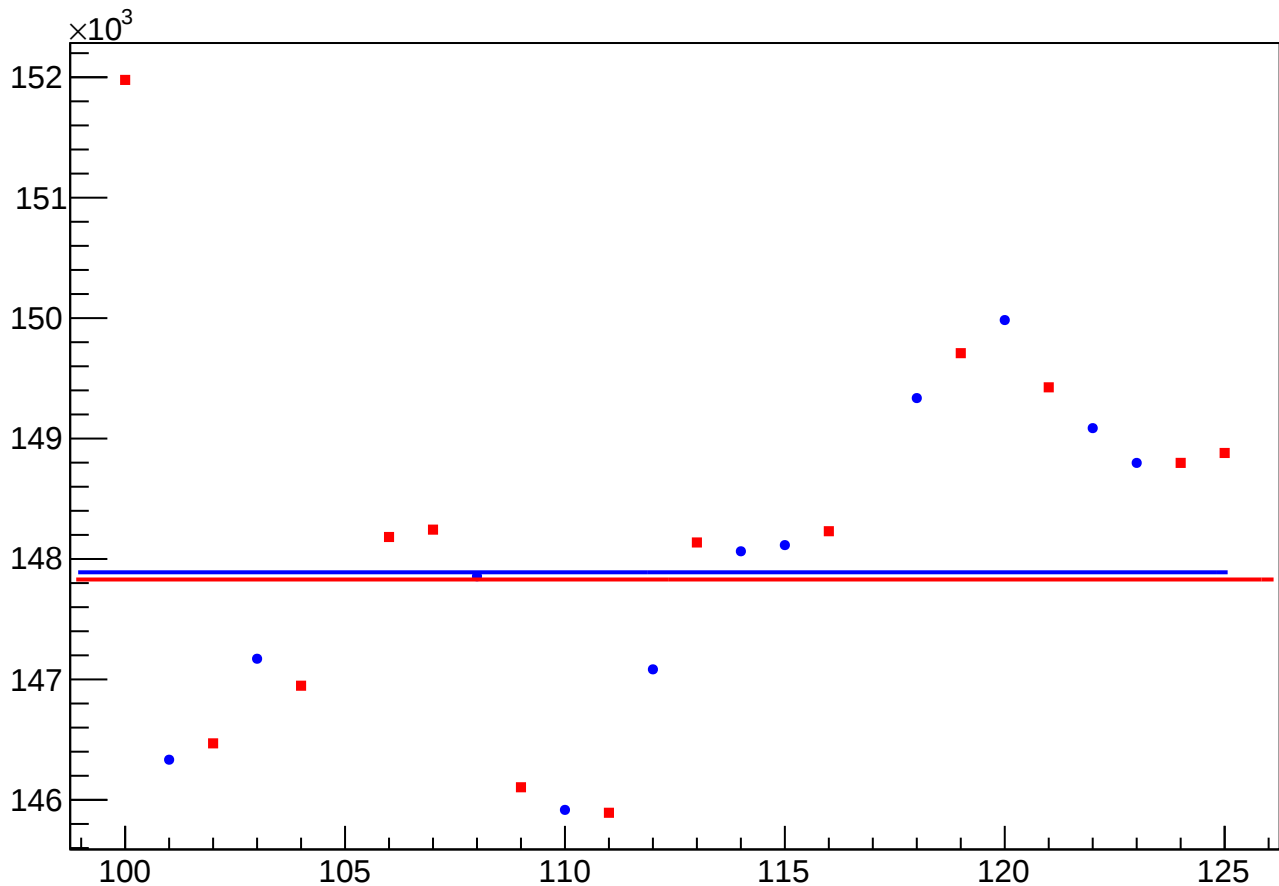
Right: 137.870 $\pm$ 0.036 χ^2 /NDF: 1756873.4/23

In: 142.232 $\pm$ 0.055 χ^2 /NDF:821832.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

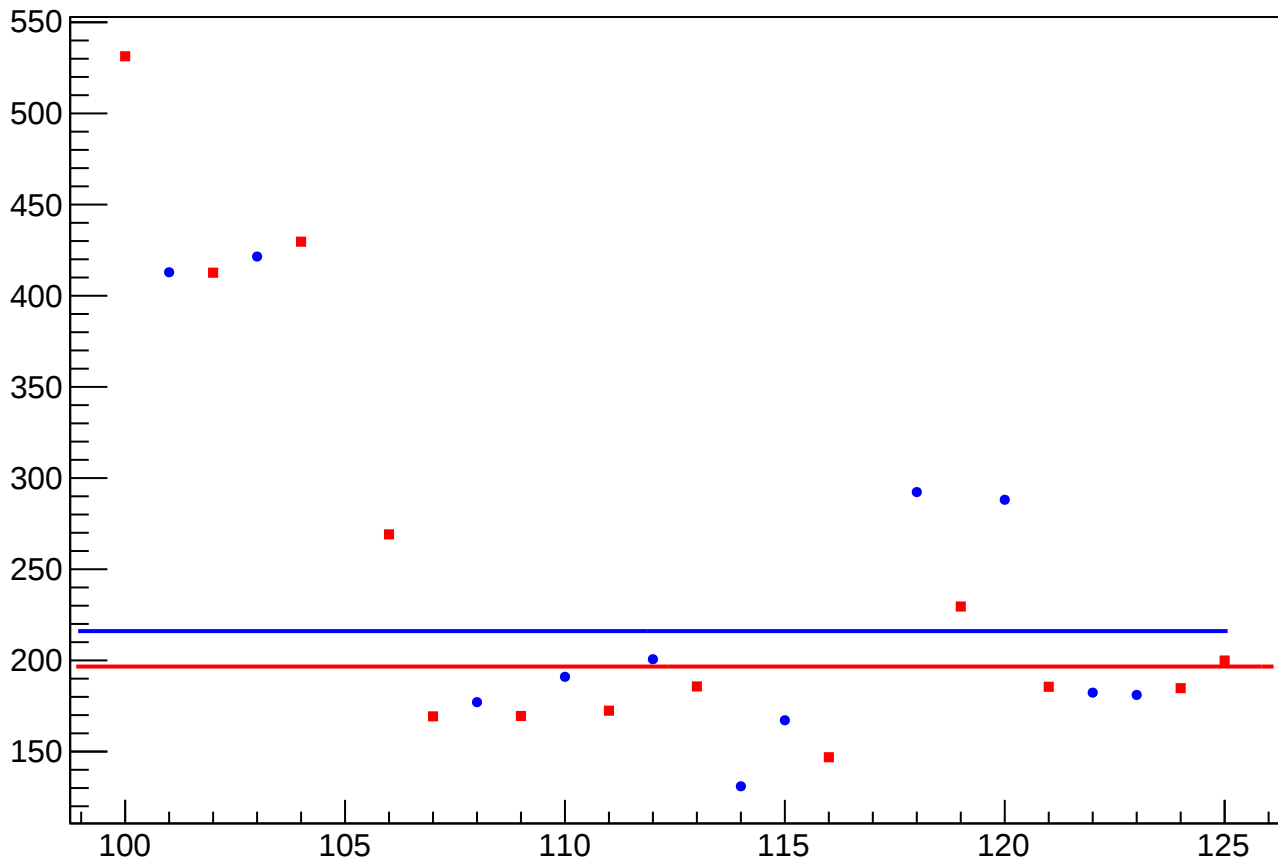
All: 137.870 $\pm$ 0.036 χ^2 /NDF: 1756873.4/23

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 147889.558 $\pm$ 0.119 χ^2 /NDF: 98307579.5/10
 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: 147853.515 $\pm$ 0.075 χ^2 /NDF: 291948783.7/2
 Right Out: 147829.741 $\pm$ 0.097 χ^2 /NDF: 193489345.9/12
 In: 147889.558 $\pm$ 0.119 χ^2 /NDF: 98307579.5/10
 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: 147853.515 $\pm$ 0.075 χ^2 /NDF: 291948783.7/2

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 216.071+/-0.084 χ^2/NDF : 834162.8/10

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

Right Out: 196.633+/-0.068 χ^2/NDF : 817301.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

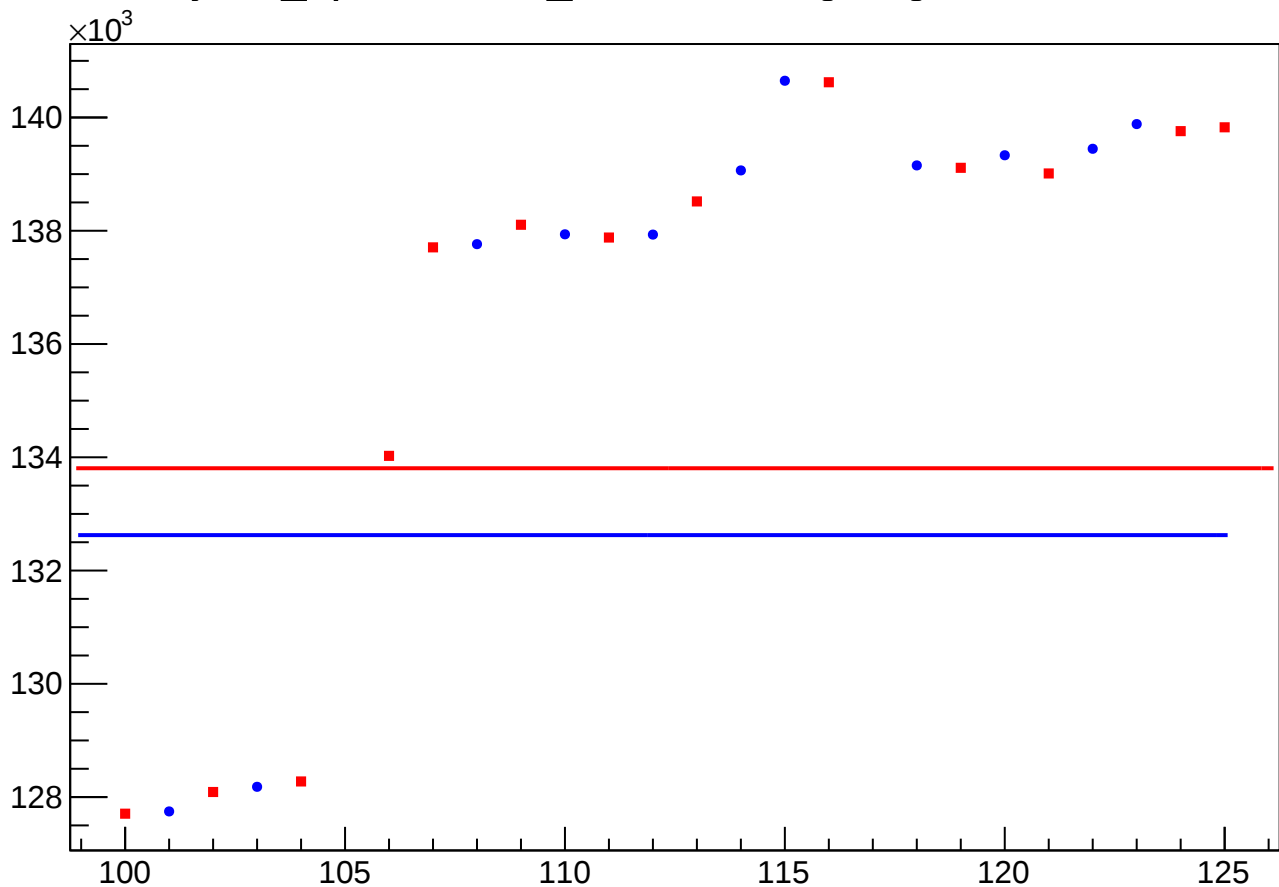
Right: 204.359+/-0.053 χ^2/NDF : 1683533.8/23

In: 216.071+/-0.084 χ^2/NDF : 834162.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 204.359+/-0.053 χ^2/NDF : 1683533.8/23

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 132625.743+/-0.220 χ^2 /NDF: 583335038.3/10

Right: 133240.807+/-0.153 χ^2 /NDF: 1224005452.4/12

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

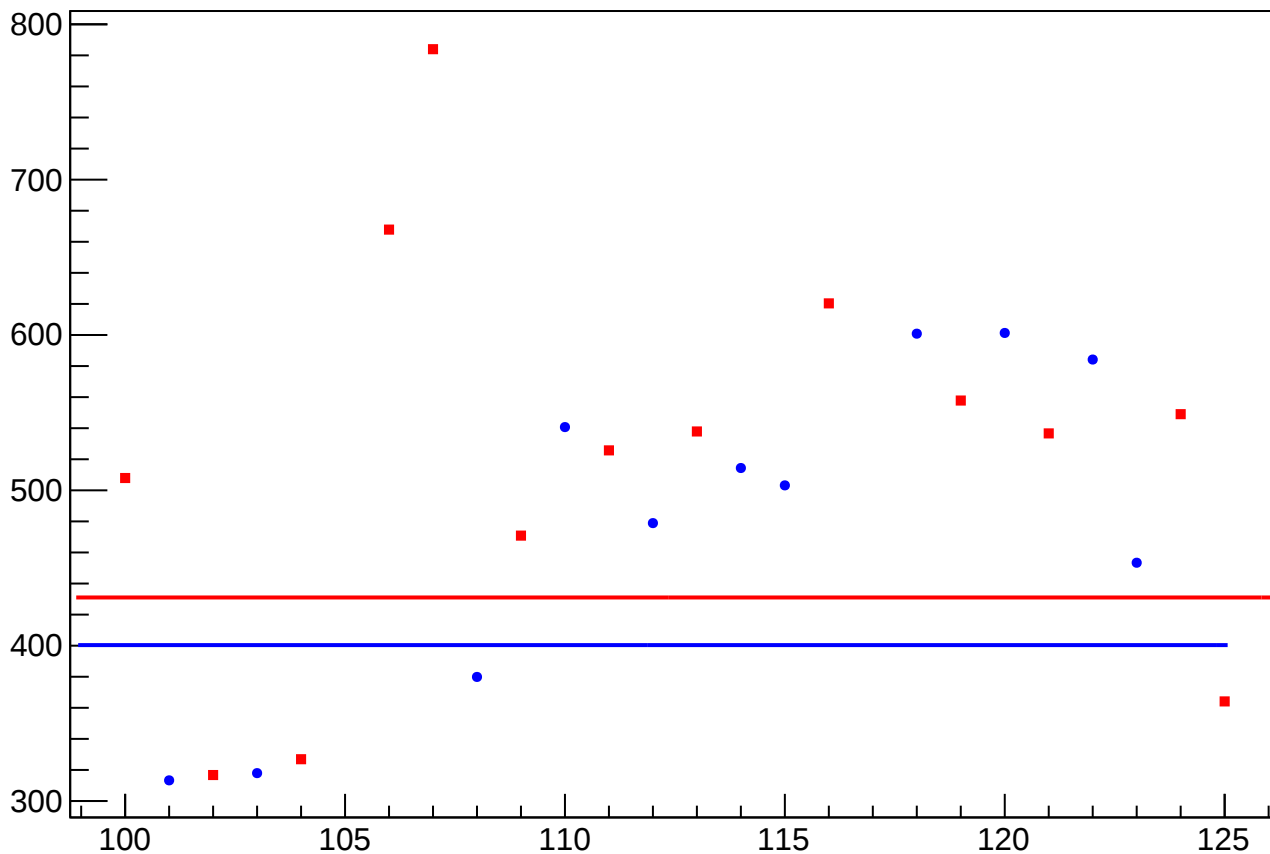
Right Out: 133806.474+/-0.211 χ^2 /NDF: 625732199.8/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 133240.807+/-0.153 χ^2 /NDF: 1224005452.4/12

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 400.371+/-0.156 χ^2/NDF : 496208.0/10

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

Right Out: 431.032+/-0.150 χ^2/NDF : 664049.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

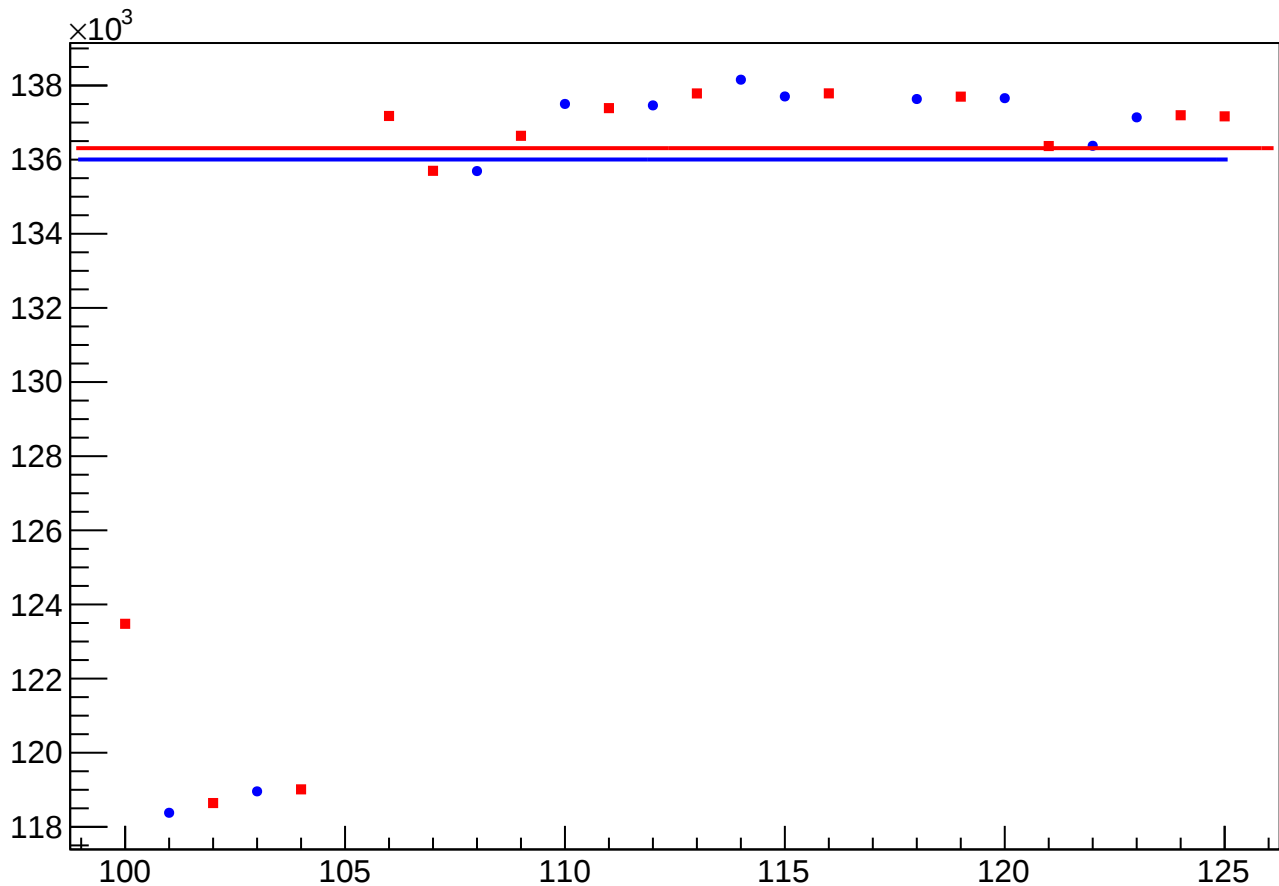
Right: 416.343+/-0.108 χ^2/NDF : 1180404.1/23

In: 400.371+/-0.156 χ^2/NDF : 496208.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 416.343+/-0.108 χ^2/NDF : 1180404.1/23

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 136003.538+/-0.082 χ^2 /NDF: 3401666389.2/10

Right: 136172.833+/-0.055 χ^2 /NDF: 6465542508.9/10

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

In: 136003.538+/-0.082 χ^2 /NDF: 3401666389.2/10

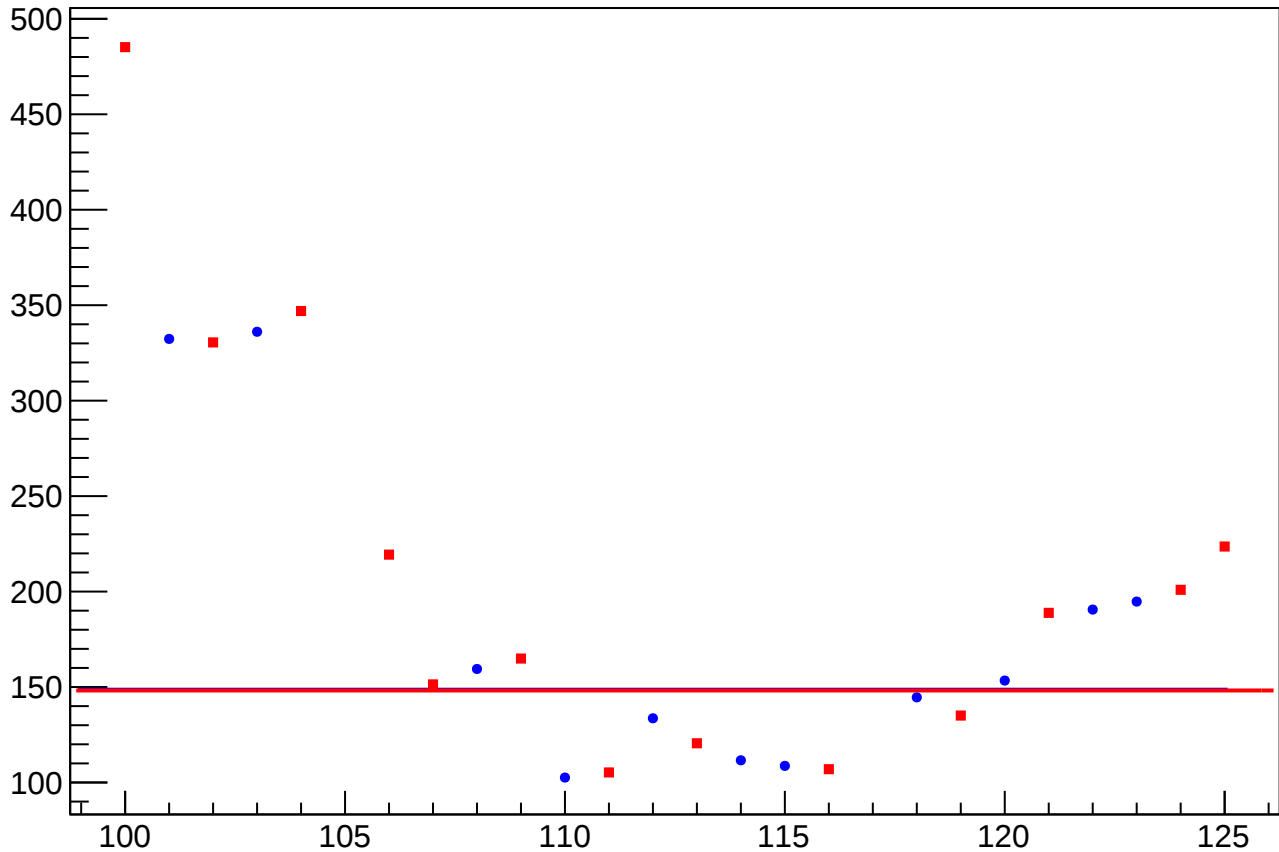
Right Out: 136309.433+/-0.074 χ^2 /NDF: 3056227101.6/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 136172.833+/-0.055 χ^2 /NDF: 6465542508.9/10

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 148.601+/-0.058 χ^2/NDF : 958653.5/10

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

Right Out: 148.195+/-0.052 χ^2/NDF : 1177477.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

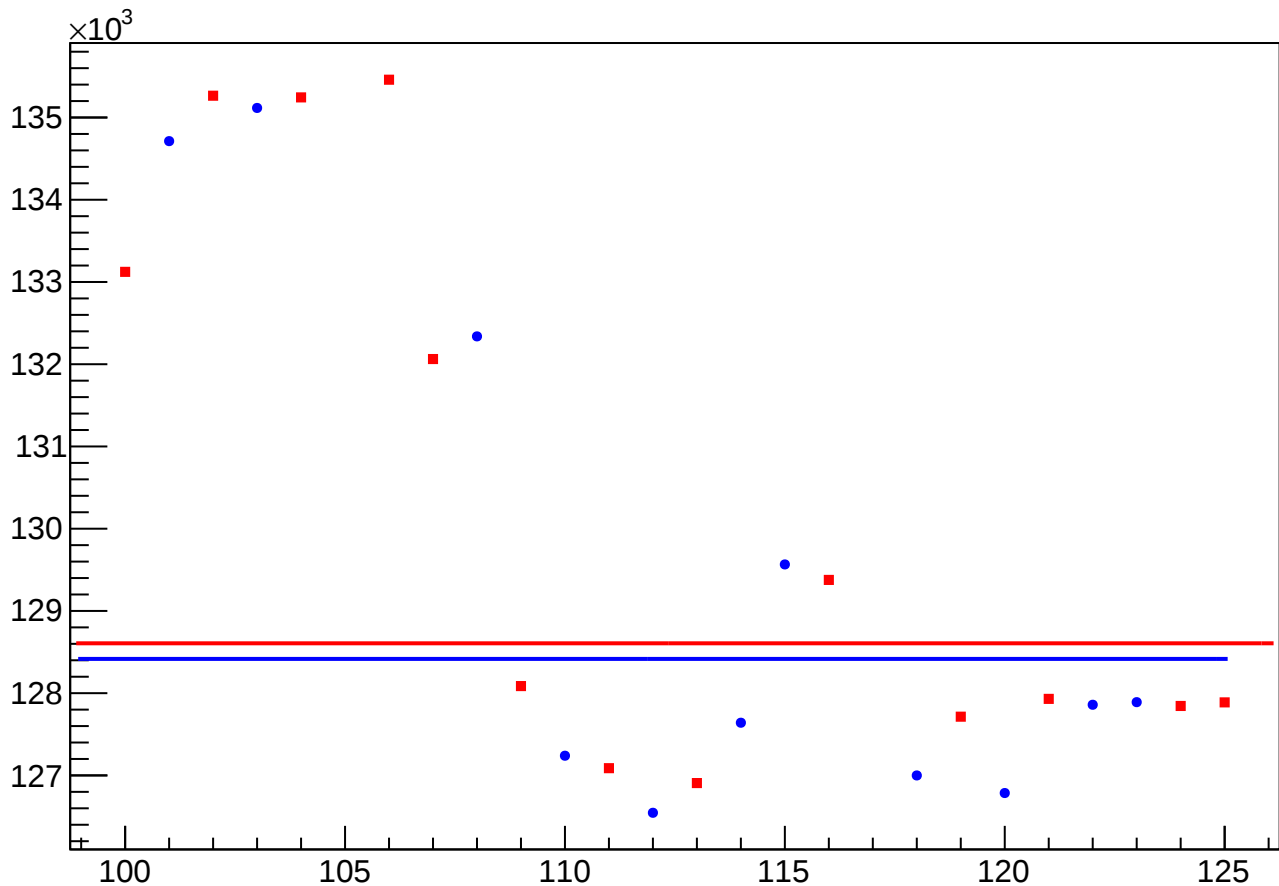
Right: 148.376+/-0.039 χ^2/NDF : 2136157.8/23

In: 148.601+/-0.058 χ^2/NDF : 958653.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.376+/-0.039 χ^2/NDF : 2136157.8/23

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 128416.654+/-0.092 χ^2 /NDF: 732285892.1/10

Right: 128528.974+/-0.059 χ^2 /NDF: 1623571610.2

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

Right Out: 128606.430+/-0.076 χ^2 /NDF: 888757477.3/12

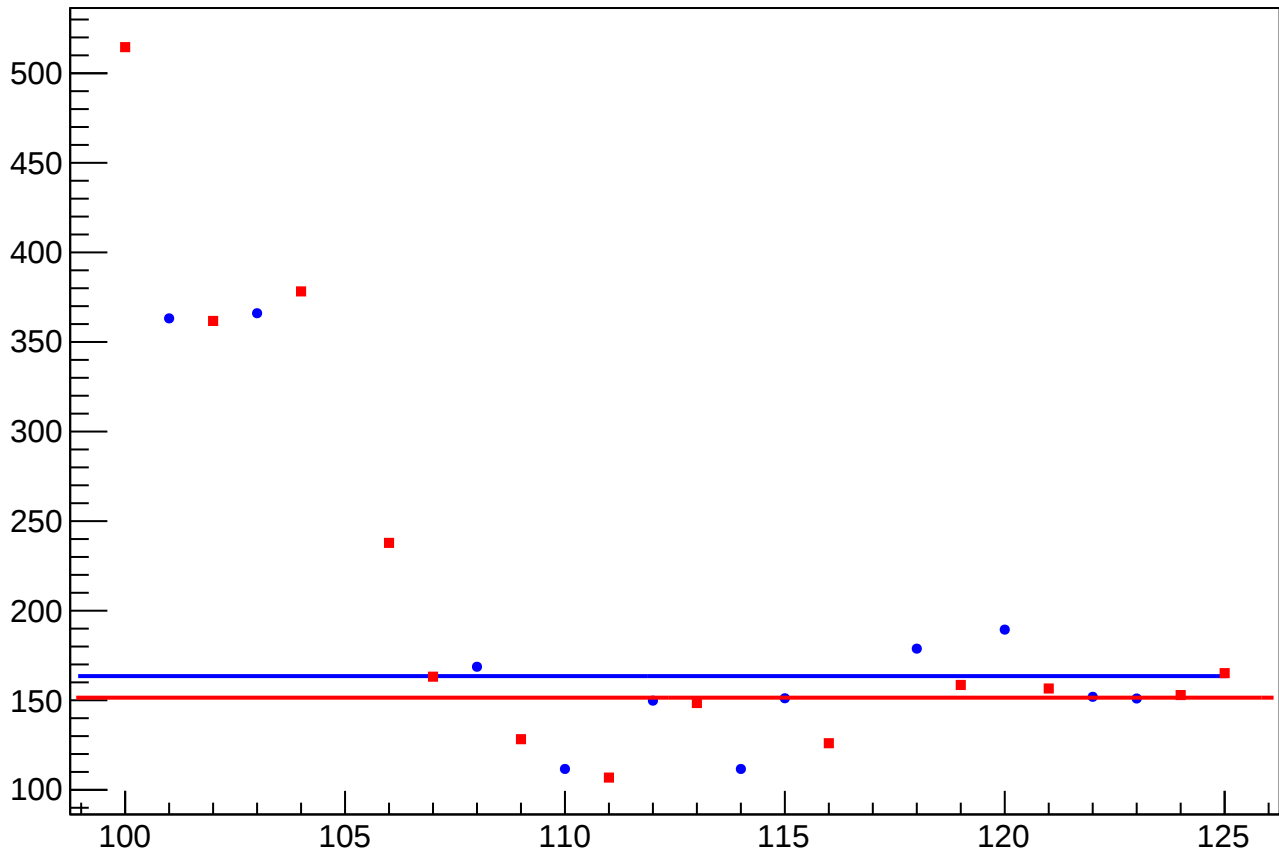
In: 128416.654+/-0.092 χ^2 /NDF: 732285892.1/10

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 128528.974+/-0.059 χ^2 /NDF: 1623571610.2

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 163.492+/-0.065 χ^2/NDF : 913831.1/10

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

Right Out: 151.461+/-0.054 χ^2/NDF : 1061201.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

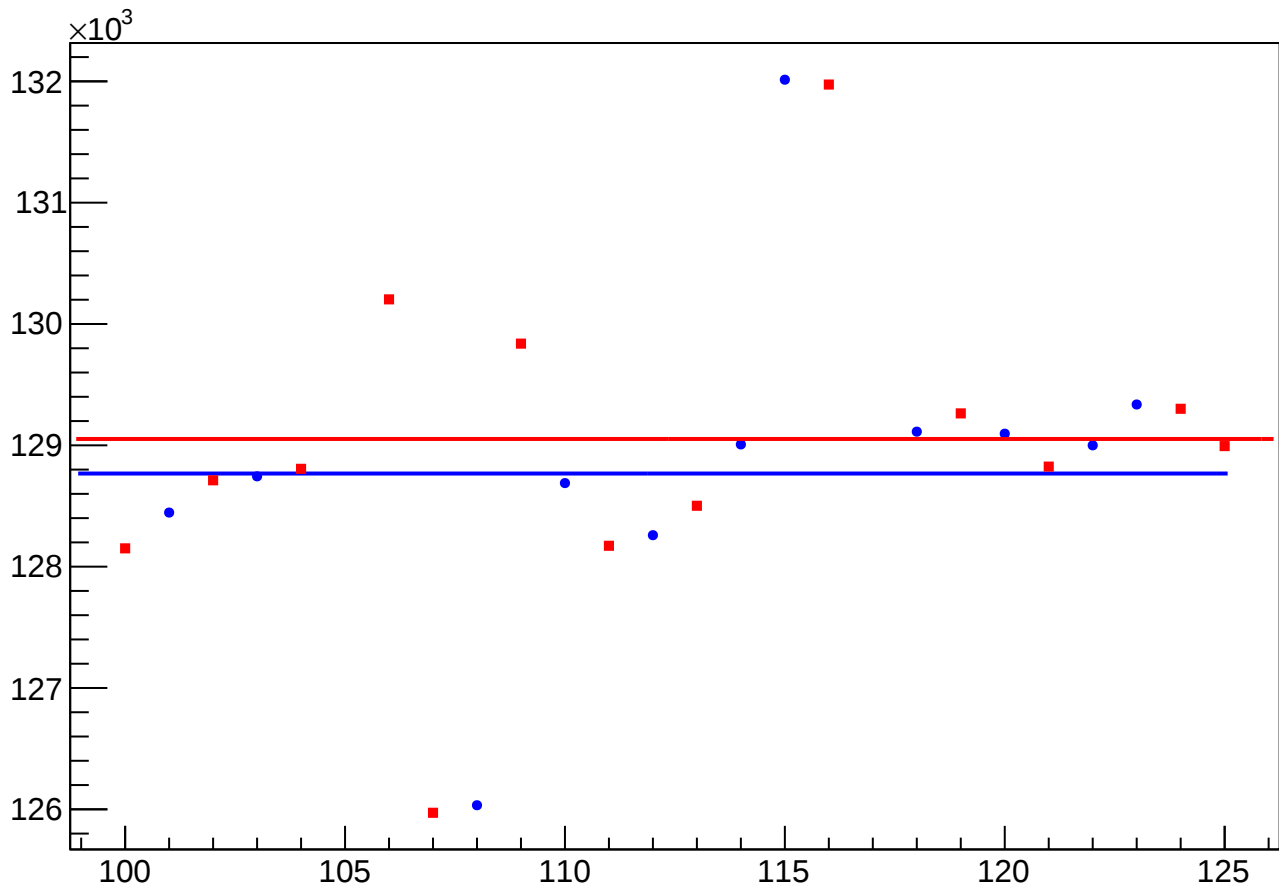
Right: 156.371+/-0.041 χ^2/NDF : 1995354.6/23

In: 163.492+/-0.065 χ^2/NDF : 913831.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.371+/-0.041 χ^2/NDF : 1995354.6/23

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 128767.612+/-0.078 χ^2 /NDF: 278646961.7/10

Right: 128931.214+/-0.051 χ^2 /NDF: 736208760.4/2

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

Right Out: 129052.440+/-0.067 χ^2 /NDF: 449835661.0/12

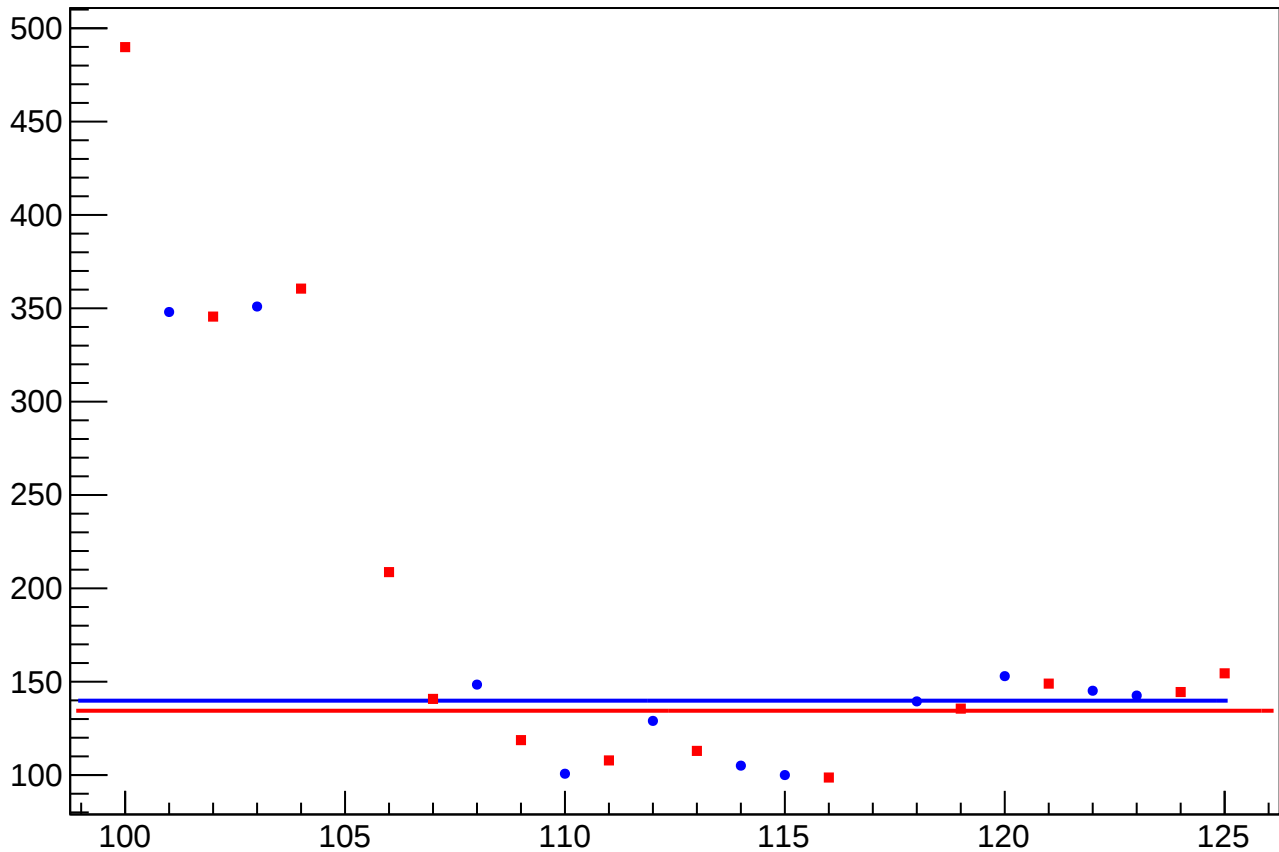
In: 128767.612+/-0.078 χ^2 /NDF: 278646961.7/10

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 128931.214+/-0.051 χ^2 /NDF: 736208760.4/2

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 139.842 $\pm$ 0.055 χ^2 /NDF: 1008349.5/10

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

Right Out: 134.447 $\pm$ 0.047 χ^2 /NDF: 1114637.5/12

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

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

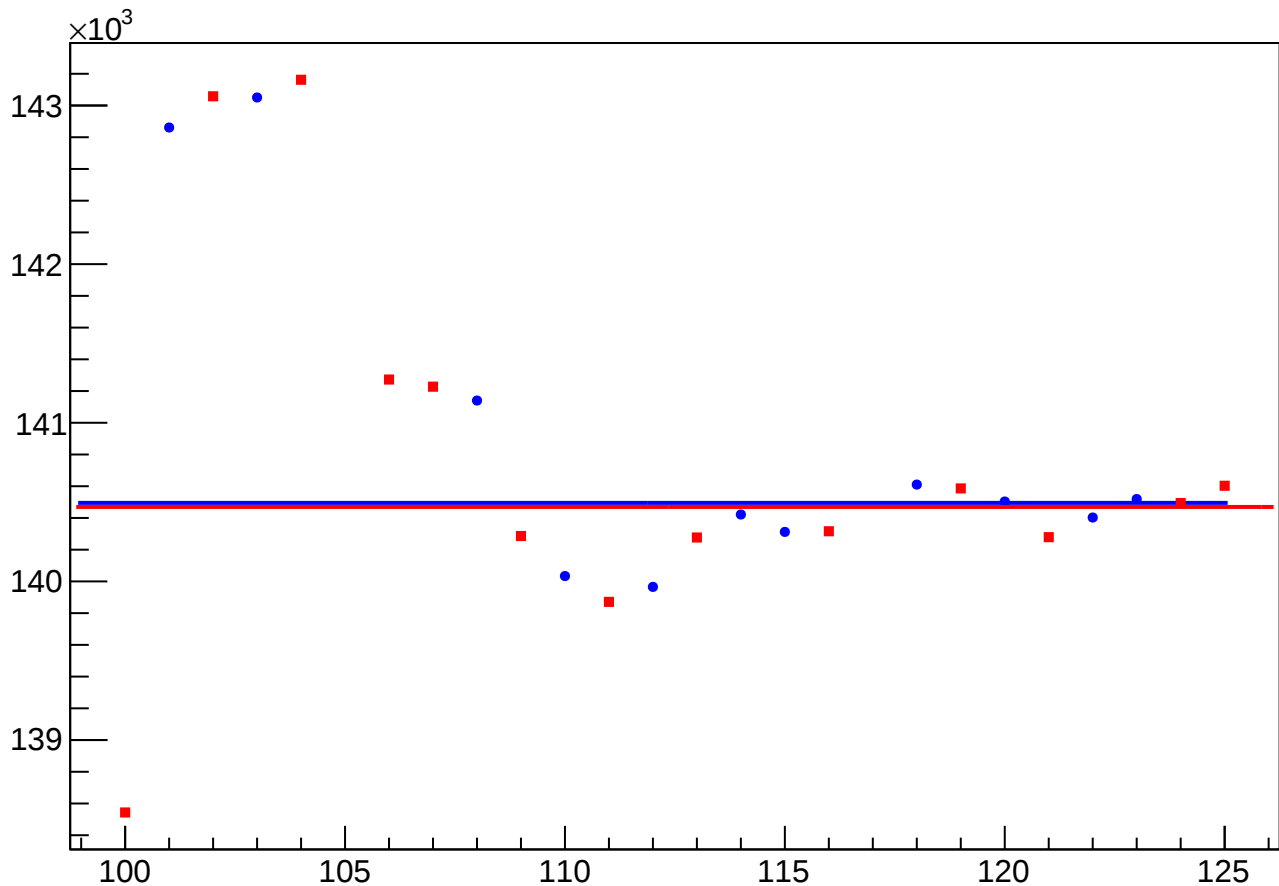
Right: 136.743 $\pm$ 0.036 χ^2 /NDF: 2128529.8/23

In: 139.842 $\pm$ 0.055 χ^2 /NDF:1008349.5/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 136.743 $\pm$ 0.036 χ^2 /NDF: 2128529.8/23

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 140495.097+/-0.083 χ^2 /NDF: 62821471.4/10

Right: 140480.264+/-0.054 χ^2 /NDF: 135392235.2/2

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

Right Out: 140469.400+/-0.071 χ^2 /NDF: 72515492.3/12

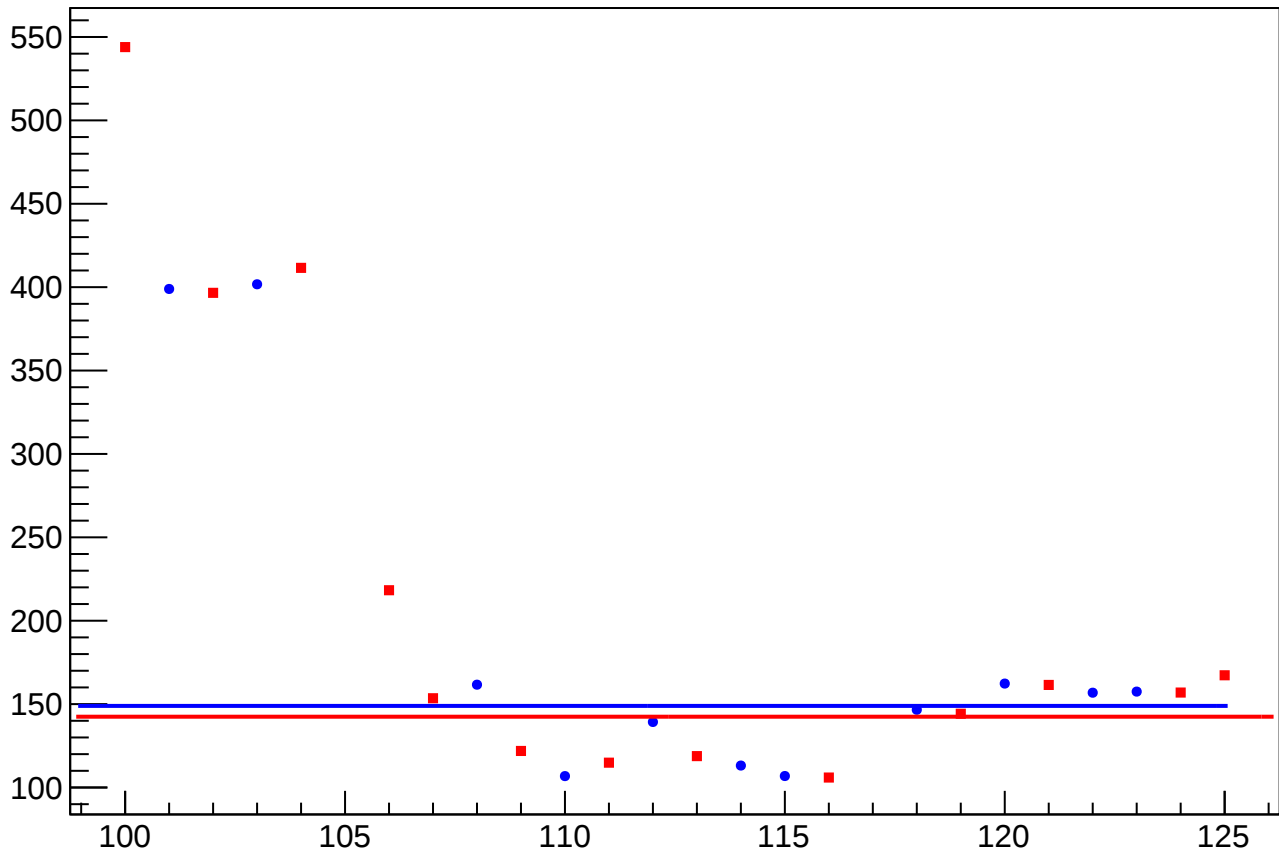
In: 140495.097+/-0.083 χ^2 /NDF: 62821471.4/10

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 140480.264+/-0.054 χ^2 /NDF: 135392235.2/2

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 148.925+/-0.059 χ^2/NDF : 1092207.7/10

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

Right Out: 142.450+/-0.050 χ^2/NDF : 1206588.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

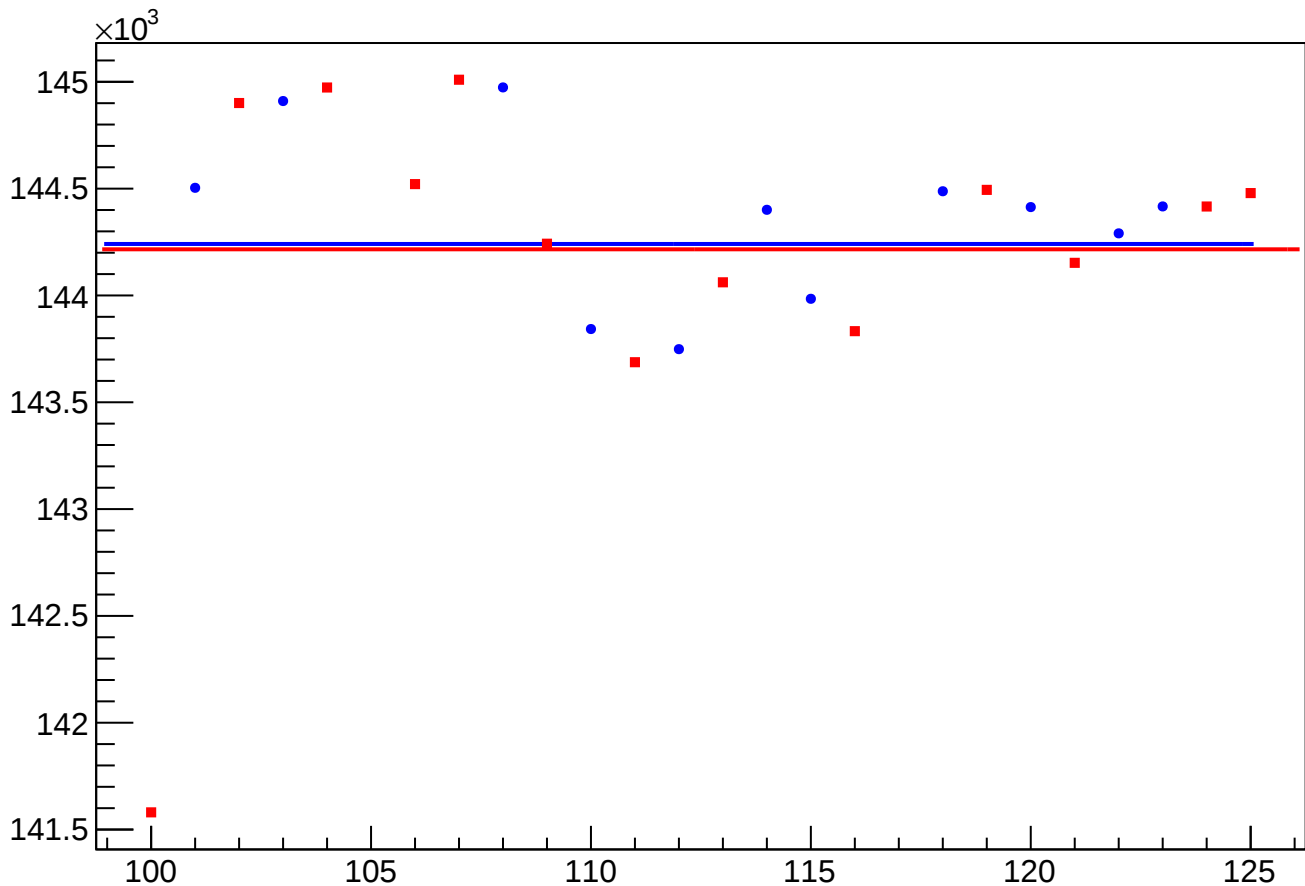
Right: 145.187+/-0.038 χ^2/NDF : 2305816.3/23

In: 148.925+/-0.059 χ^2/NDF : 1092207.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

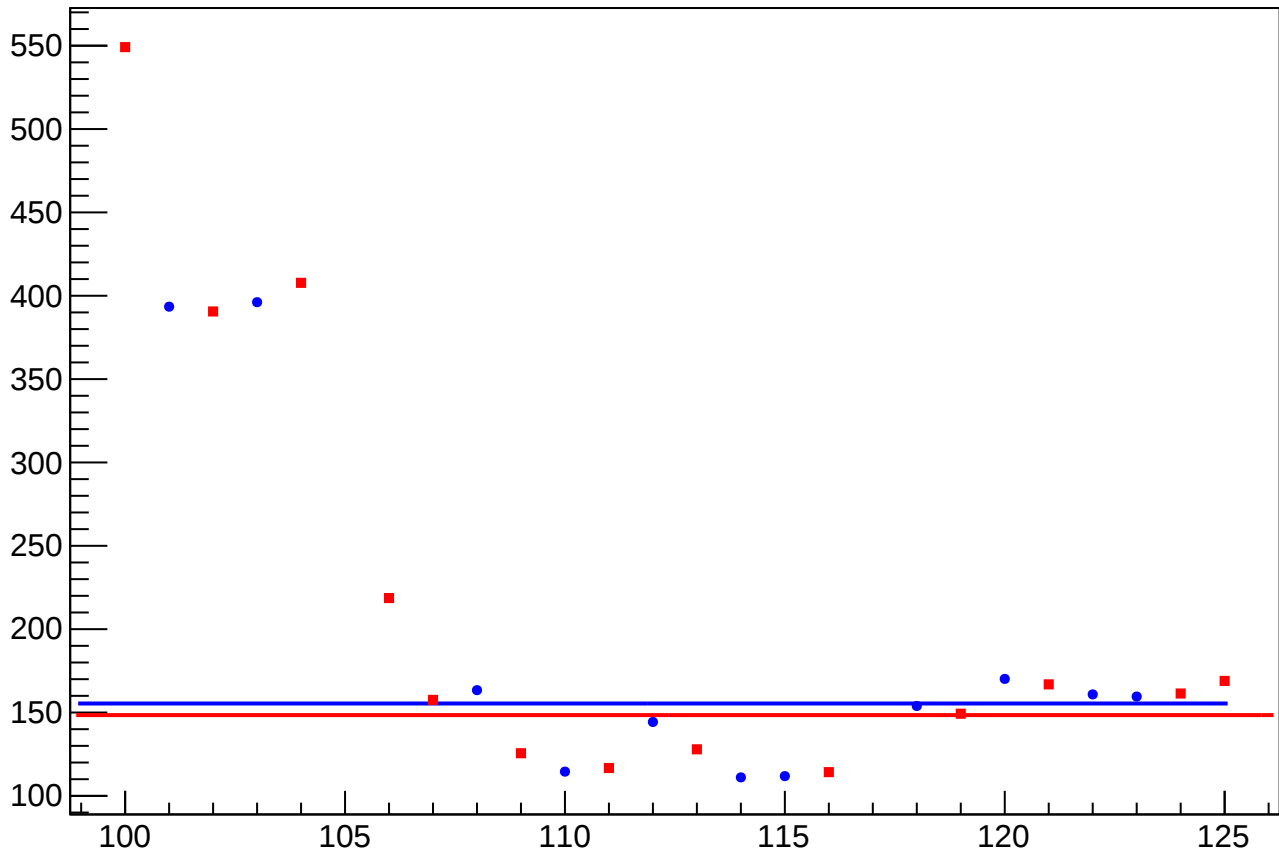
All: 145.187+/-0.038 χ^2/NDF : 2305816.3/23

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: 144241.015 $\pm$ 0.086 χ^2 /NDF: 20898965.8/10
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 144215.997 $\pm$ 0.074 χ^2 /NDF: 29105150.8/12
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 144226.551 $\pm$ 0.056 χ^2 /NDF: 50052750.6/23
 In: 144241.015 $\pm$ 0.086 χ^2 /NDF:20898965.8/10
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 144226.551 $\pm$ 0.056 χ^2 /NDF: 50052750.6/23

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 155.413+/-0.061 χ^2/NDF : 1019636.4/10

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

Right Out: 148.454+/-0.052 χ^2/NDF : 1128971.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

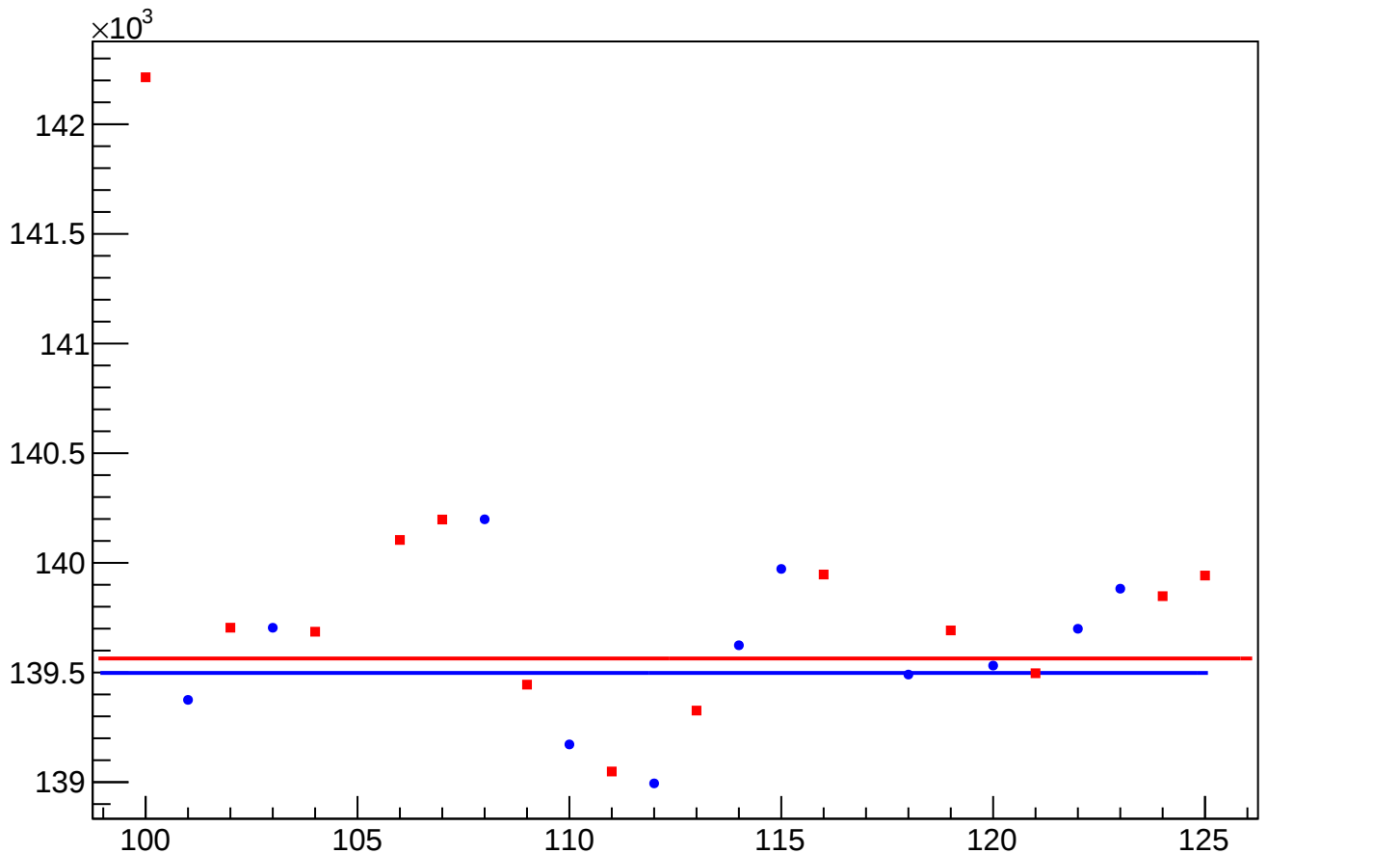
Right: 151.390+/-0.040 χ^2/NDF : 2156132.9/23

In: 155.413+/-0.061 χ^2/NDF : 1019636.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

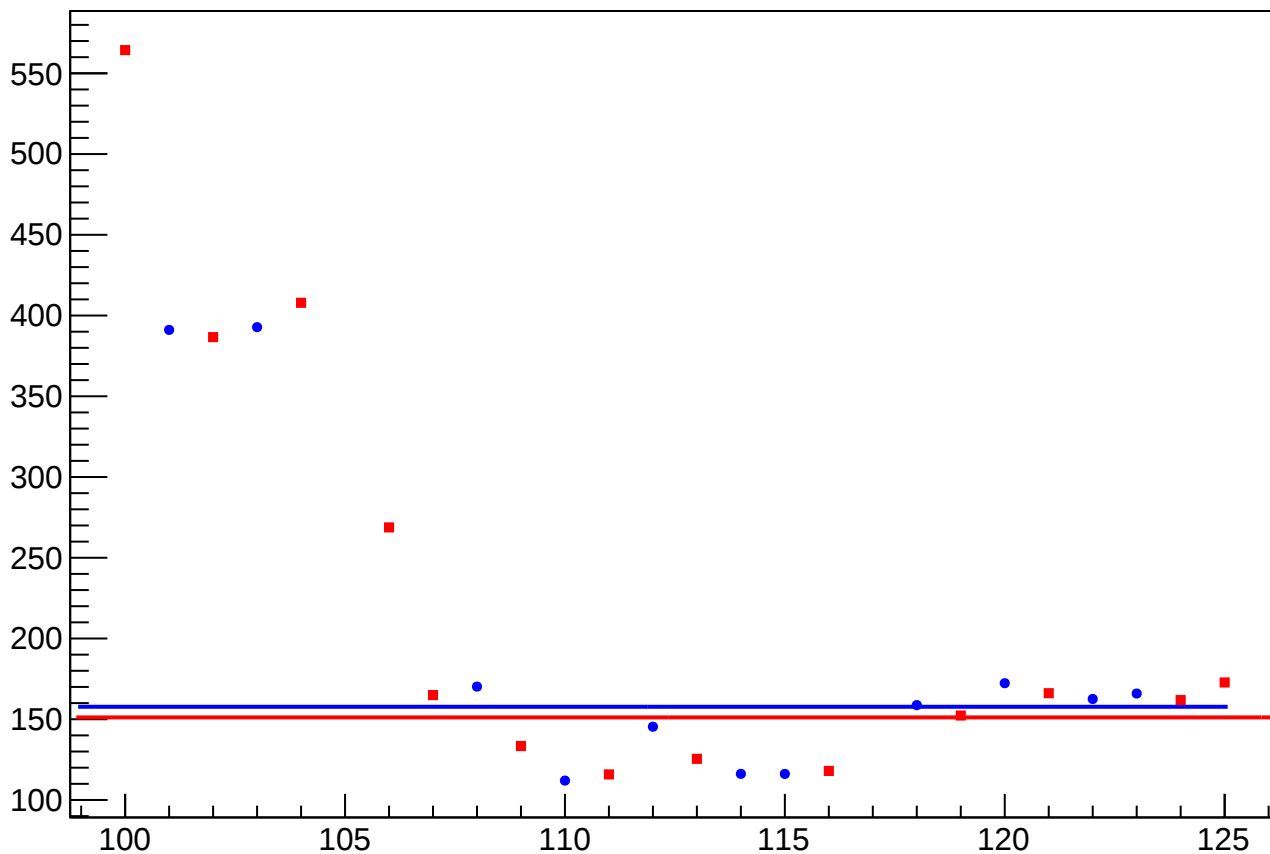
All: 151.390+/-0.040 χ^2/NDF : 2156132.9/23

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 139497.961 $\pm$ 0.088 χ^2 /NDF: 17533062.3/10
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 139563.911 $\pm$ 0.075 χ^2 /NDF: 22963965.6/12
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 139535.932 $\pm$ 0.057 χ^2 /NDF: 40823259.9/23
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 139535.932 $\pm$ 0.057 χ^2 /NDF: 40823259.9/23
 In: 139497.961 $\pm$ 0.088 χ^2 /NDF:17533062.3/10
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 157.724+/-0.062 χ^2/NDF : 1009561.5/10

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

Right Out: 151.137+/-0.053 χ^2/NDF : 1162416.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

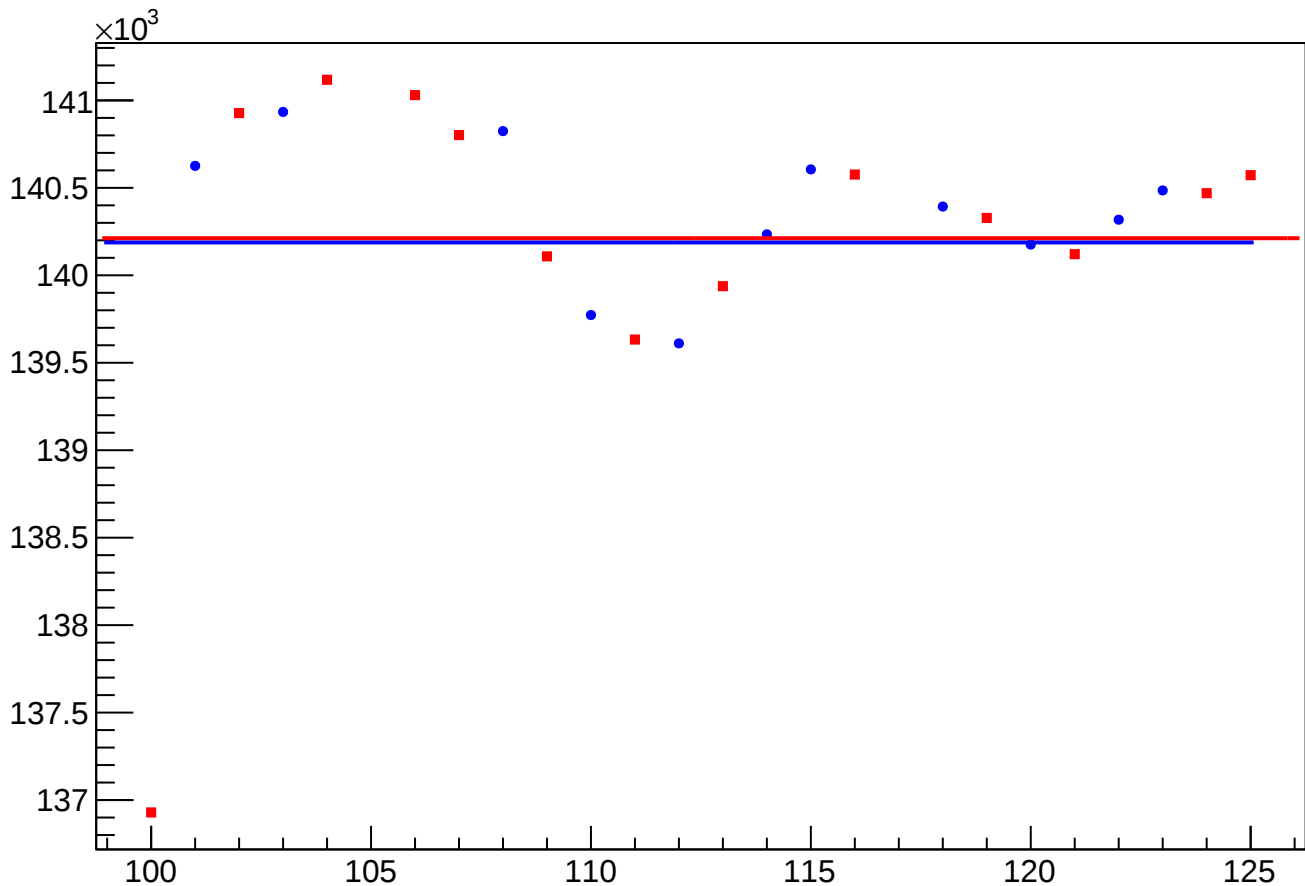
Right: 153.932+/-0.040 χ^2/NDF : 2178487.9/23

In: 157.724+/-0.062 χ^2/NDF : 1009561.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

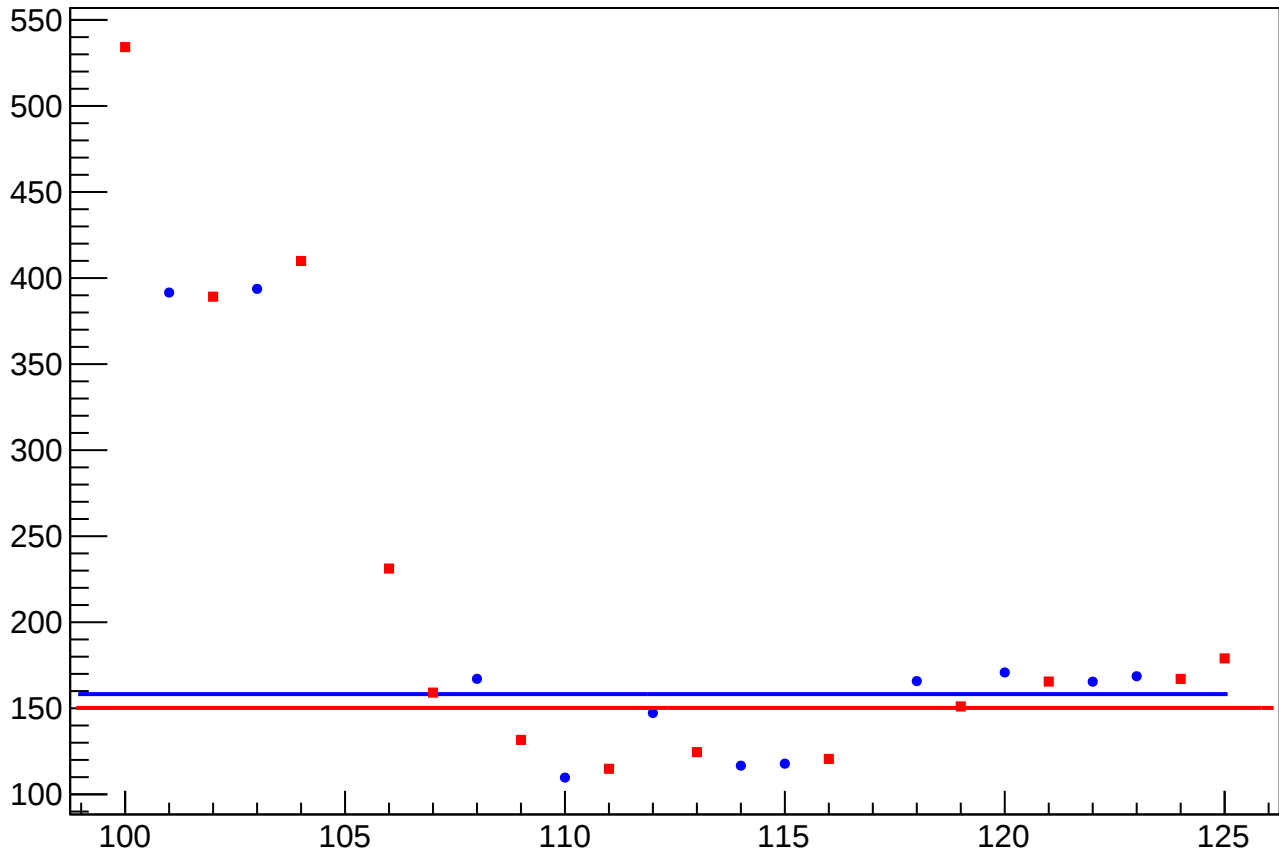
All: 153.932+/-0.040 χ^2/NDF : 2178487.9/23

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 140188.052+/-0.088 χ^2 /NDF: 22154026.3/10
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 140202.028+/-0.057 χ^2 /NDF: 54399146.3/23
 In: 140188.052+/-0.088 χ^2 /NDF: 22154026.3/10
 Right Out: 140212.111+/-0.075 χ^2 /NDF: 32201662.6/12
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 140202.028+/-0.057 χ^2 /NDF: 54399146.3/23

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 158.237+/-0.062 χ^2/NDF : 1023234.4/10

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

Right Out: 150.222+/-0.053 χ^2/NDF : 1132808.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

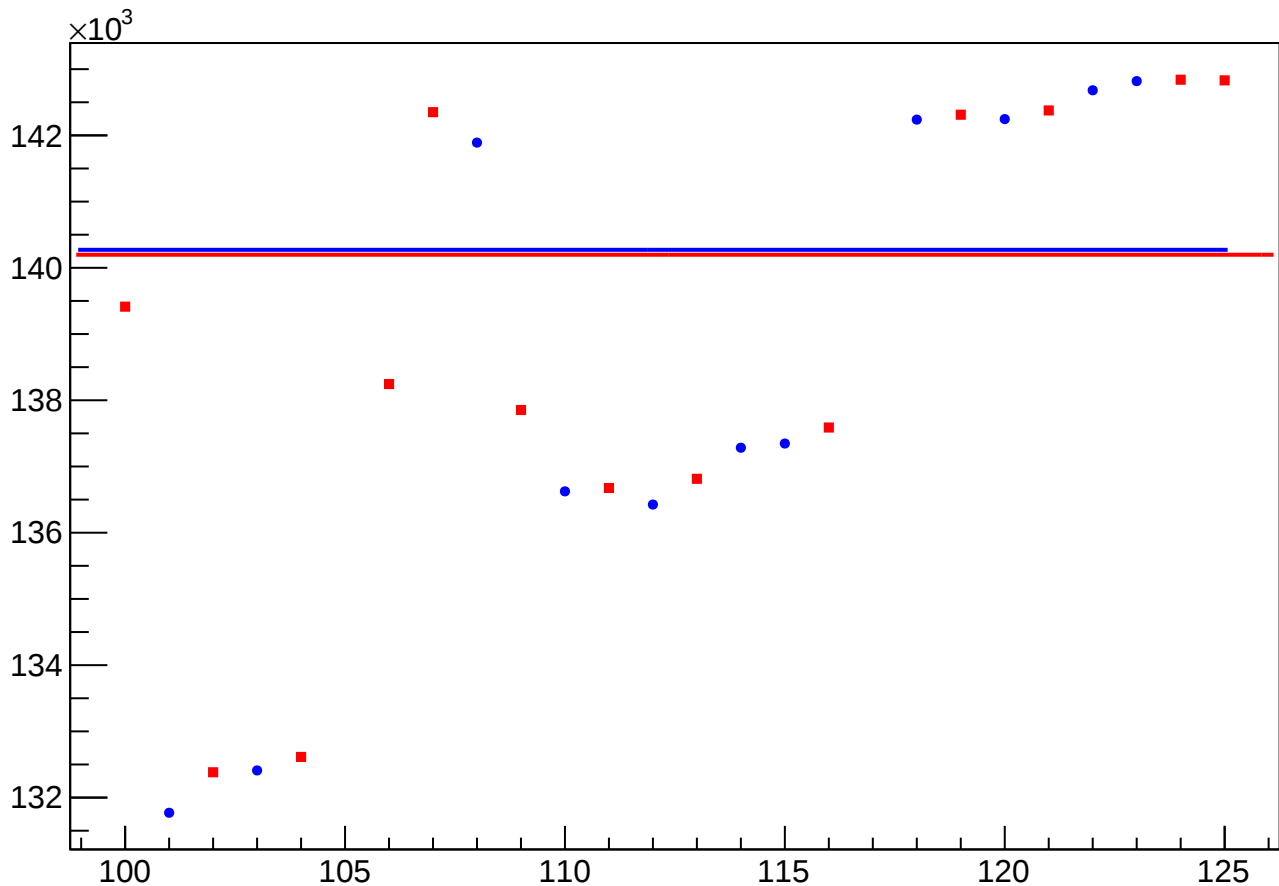
Right: 153.581+/-0.040 χ^2/NDF : 2165689.7/23

In: 158.237+/-0.062 χ^2/NDF : 1023234.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.581+/-0.040 χ^2/NDF : 2165689.7/23

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 140272.053+/-0.134 χ^2 /NDF: 649142663.0/10

Right: 140231.623+/-0.091 χ^2 /NDF: 1298115740.6/10

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

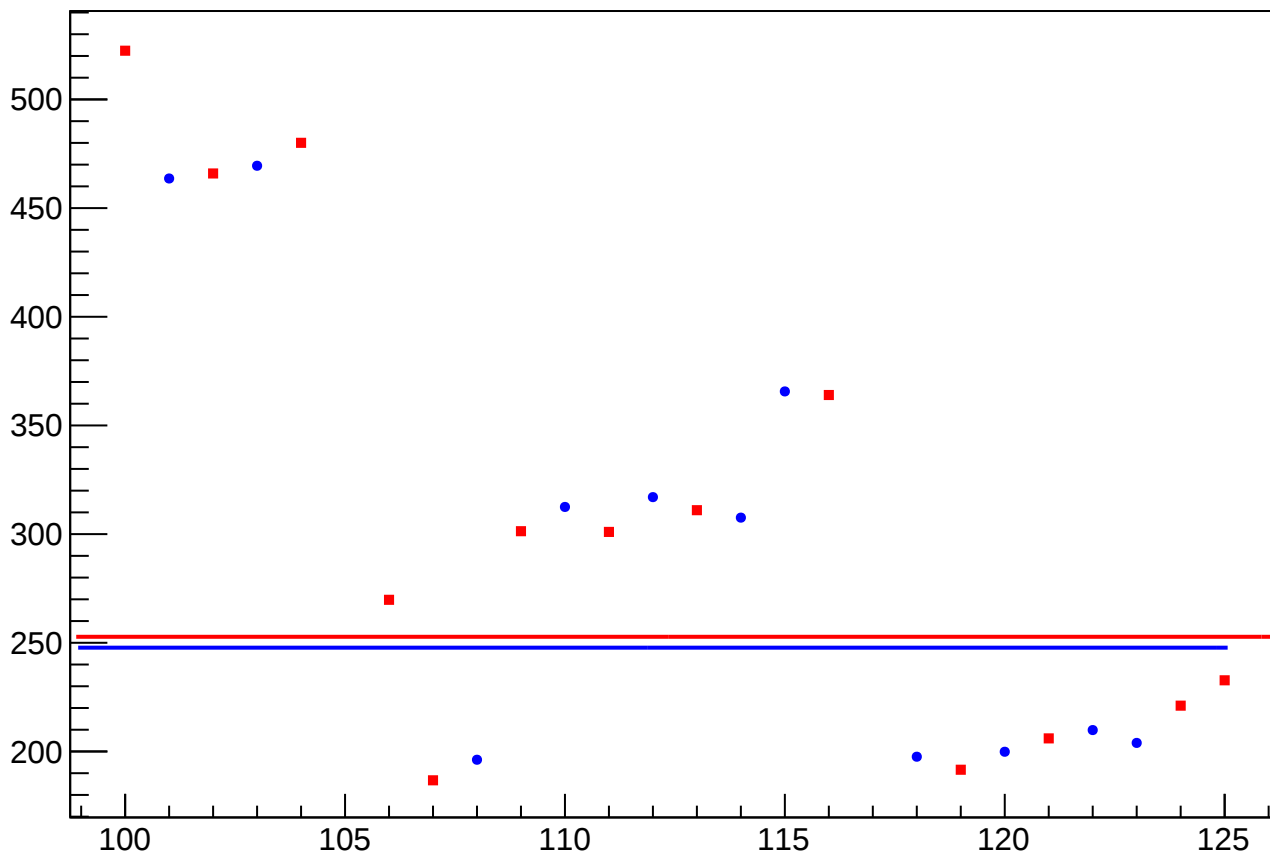
Right Out: 140197.733+/-0.123 χ^2 /NDF: 648806797.1/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 140231.623+/-0.091 χ^2 /NDF: 129811574

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 247.757+/-0.095 χ^2/NDF : 793872.2/10

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

Right Out: 252.763+/-0.087 χ^2/NDF : 842558.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

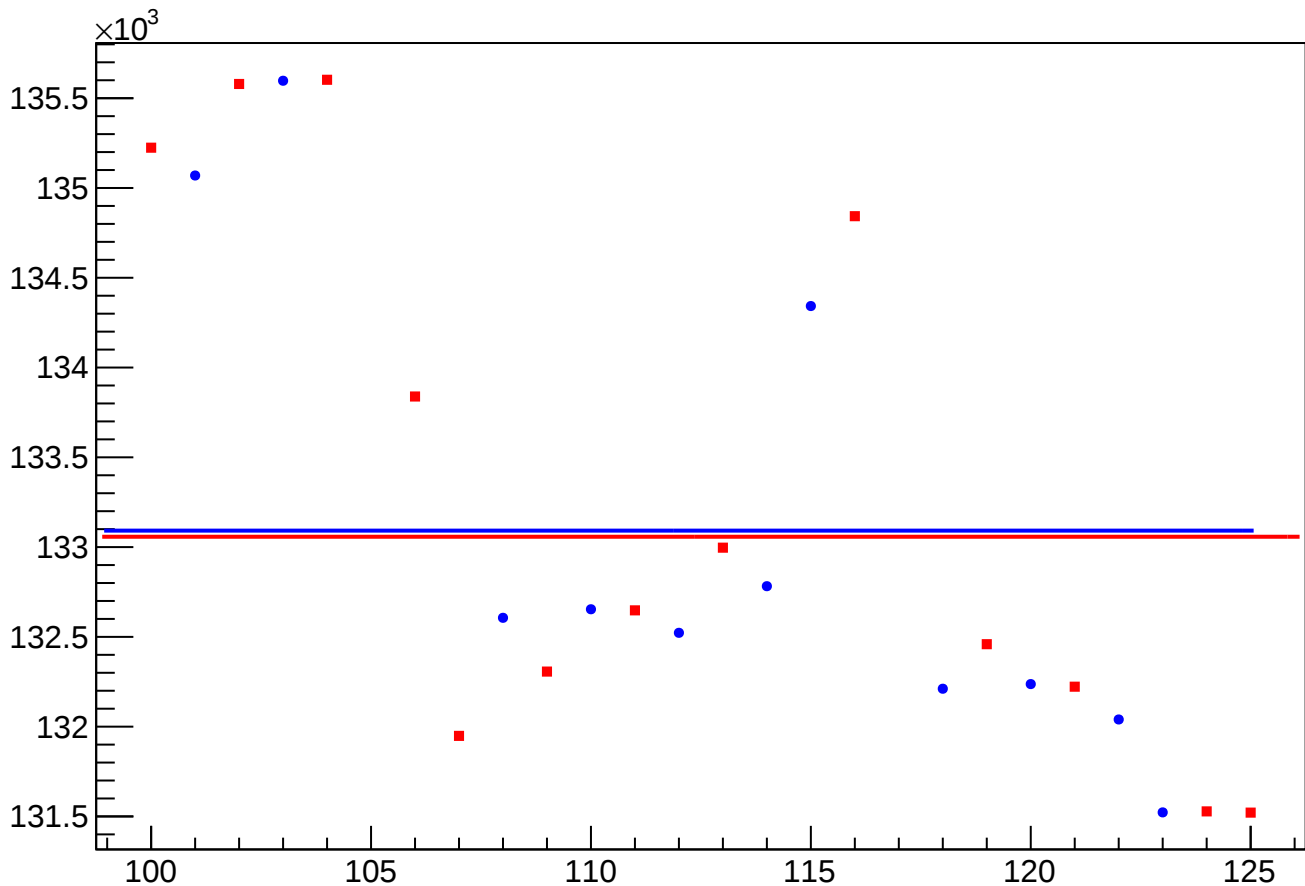
Right: 250.480+/-0.064 χ^2/NDF : 1637939.4/23

In: 247.757+/-0.095 χ^2/NDF : 793872.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

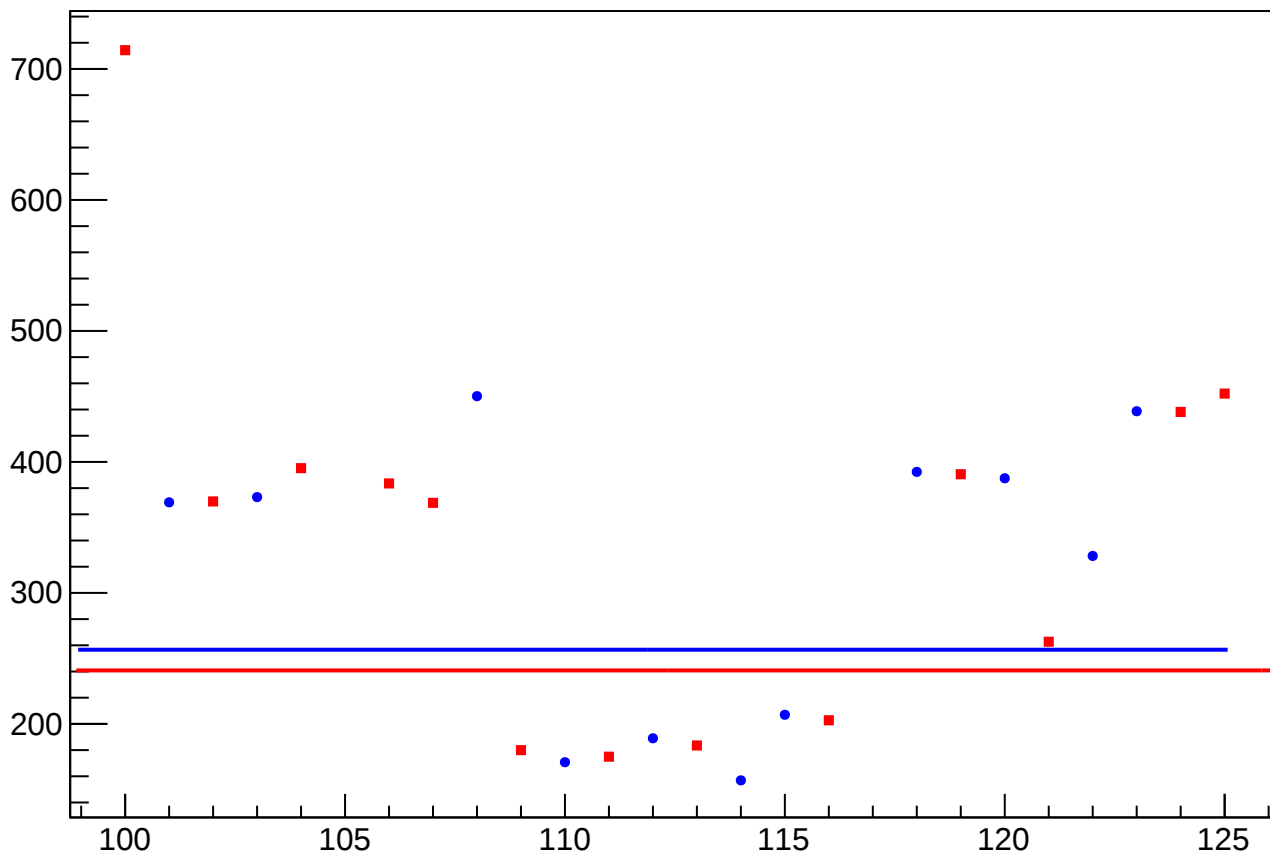
All: 250.480+/-0.064 χ^2/NDF : 1637939.4/23

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 133091.757 $\pm$ 0.142 χ^2 /NDF: 62420412.9/10
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 133057.665 $\pm$ 0.121 χ^2 /NDF: 89553114.6/12
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 133071.965 $\pm$ 0.092 χ^2 /NDF: 152007010.5/20
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 133071.965 $\pm$ 0.092 χ^2 /NDF: 152007010.5/20
 In: 133091.757 $\pm$ 0.142 χ^2 /NDF:62420412.9/10
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 256.635+/-0.100 χ^2/NDF : 973226.1/10

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

Right Out: 240.824+/-0.085 χ^2/NDF : 1166847.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

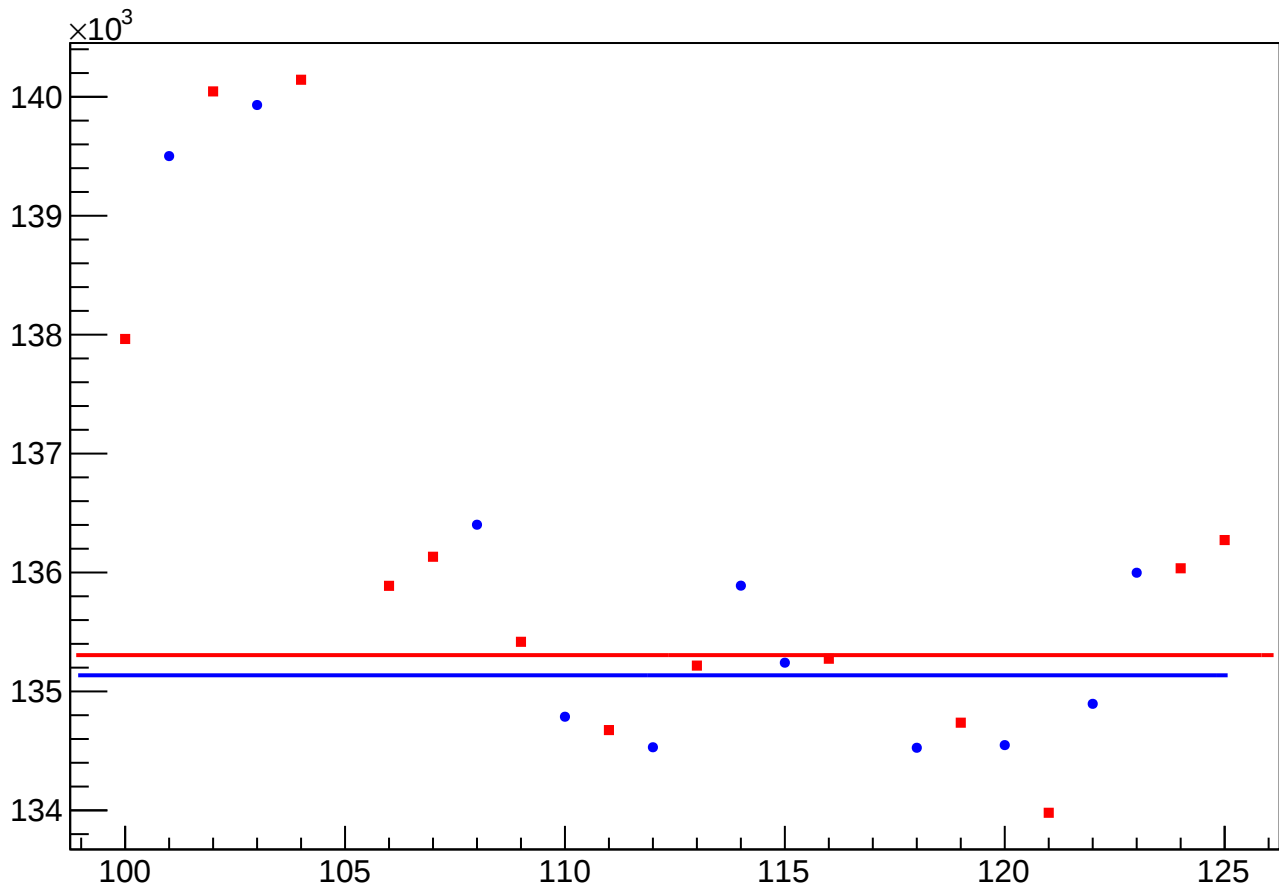
Right: 247.456+/-0.065 χ^2/NDF : 2154477.0/23

In: 256.635+/-0.100 χ^2/NDF : 973226.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 247.456+/-0.065 χ^2/NDF : 2154477.0/23

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 135135.576+/-0.068 χ^2 /NDF: 261130082.7/10

Right: 135230.071+/-0.045 χ^2 /NDF: 522131058.4/2

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

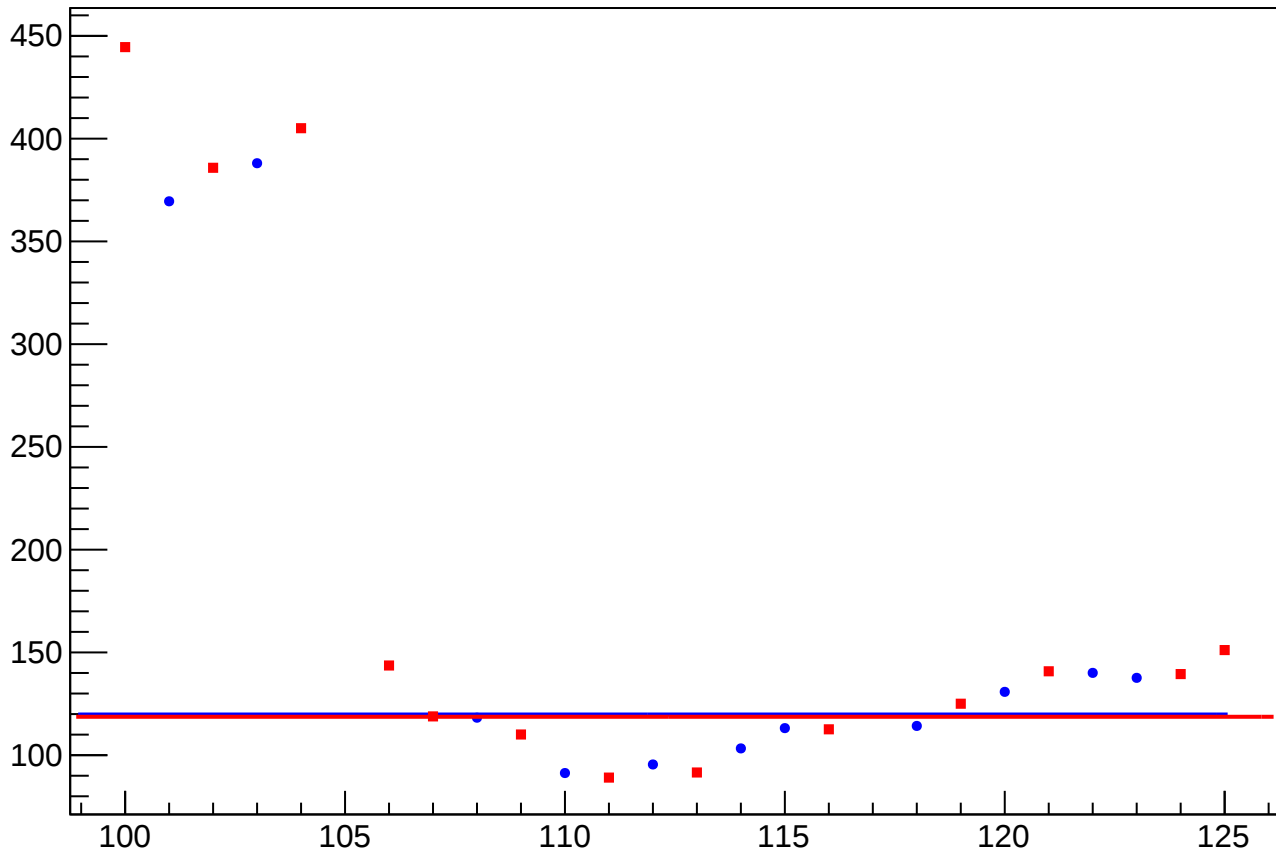
Right Out: 135305.265+/-0.060 χ^2 /NDF: 257486845.6/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 135230.071+/-0.045 χ^2 /NDF: 522131058.4/2

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 119.789+/-0.048 χ^2/NDF : 1226954.0/10

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

Right Out: 118.688+/-0.043 χ^2/NDF : 1332394.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

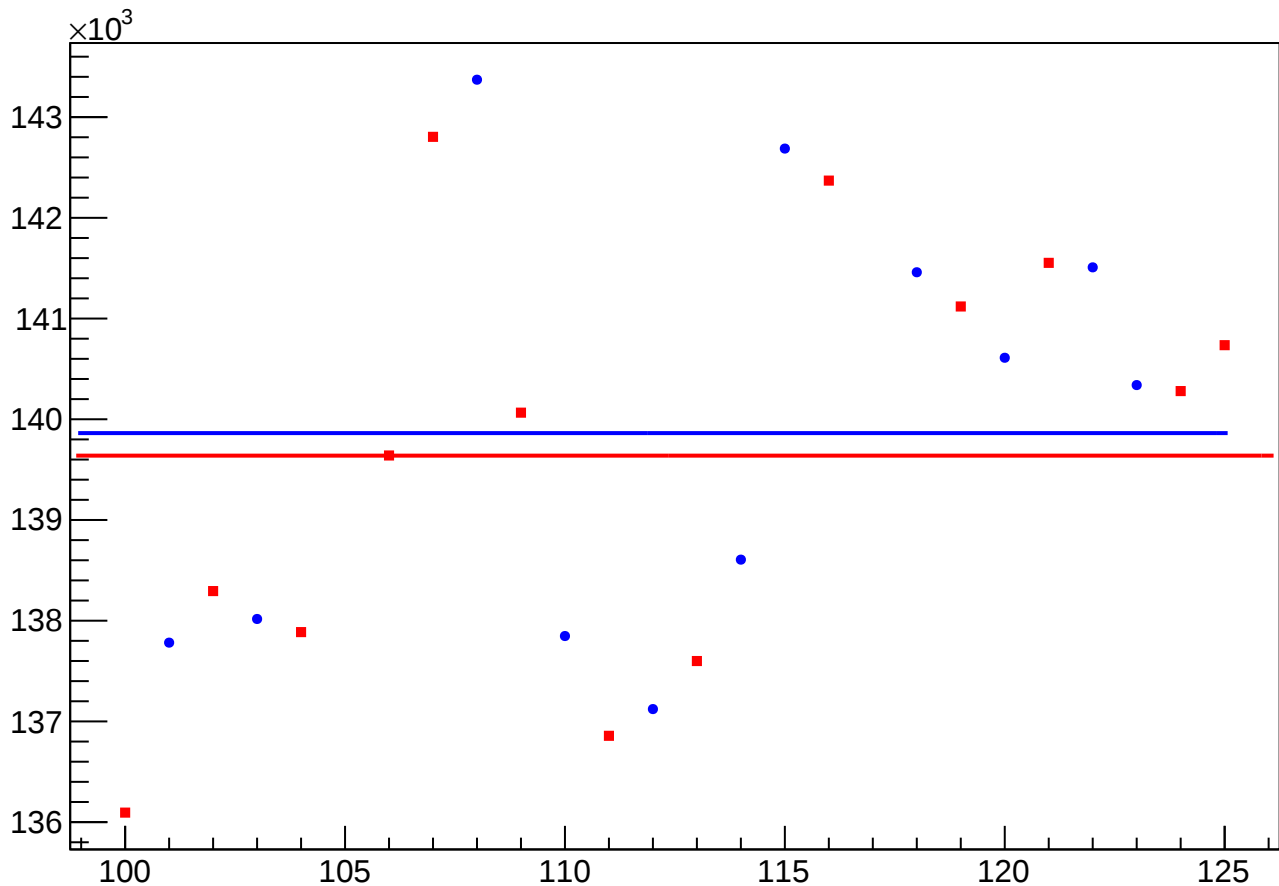
Right: 119.176+/-0.032 χ^2/NDF : 2559644.4/23

In: 119.789+/-0.048 χ^2/NDF : 1226954.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.176+/-0.032 χ^2/NDF : 2559644.4/23

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 139862.620+/-0.080 χ^2 /NDF: 726599307.5/10

Right: 139737.319+/-0.053 χ^2 /NDF: 1563199873.5/12

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

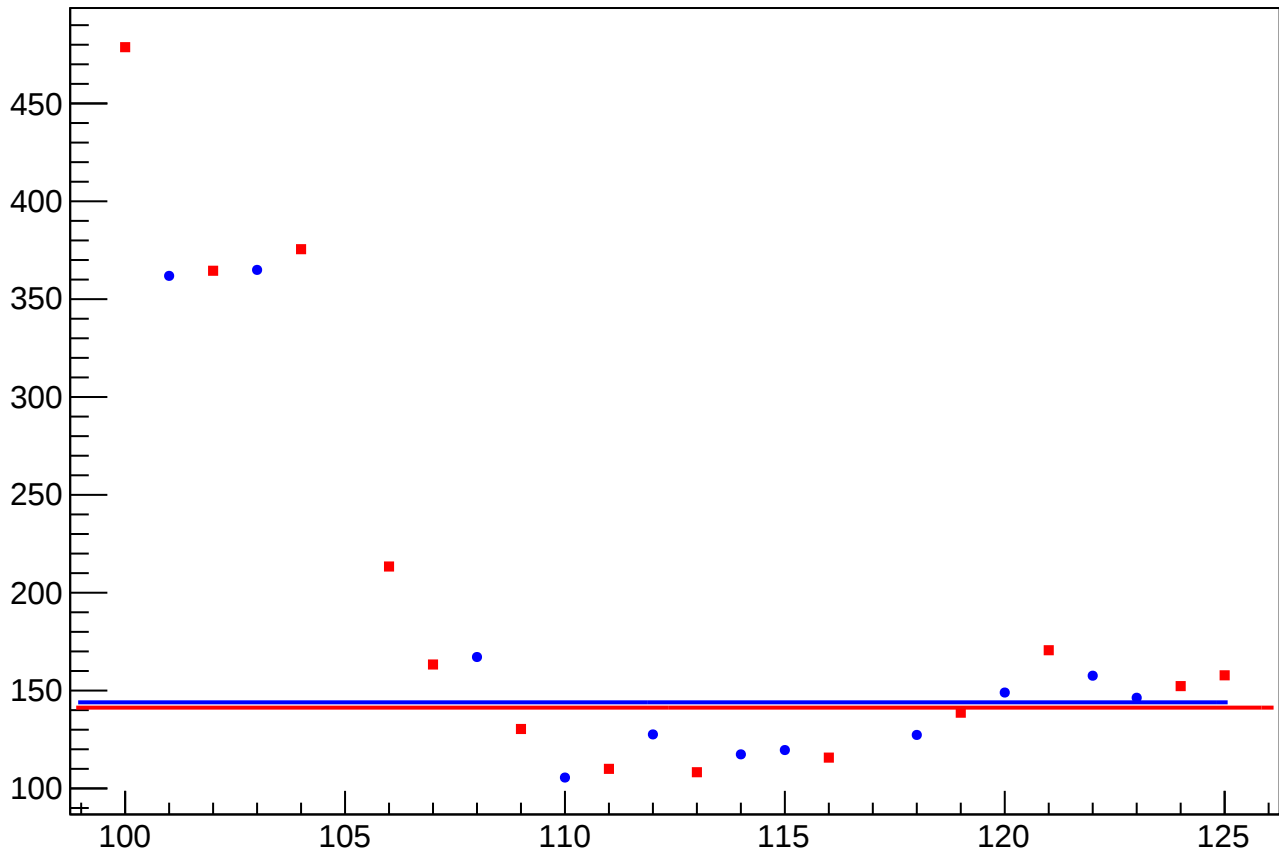
Right Out: 139638.905+/-0.071 χ^2 /NDF: 832195725.1/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 139737.319+/-0.053 χ^2 /NDF: 1563199873.5/12

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 143.992+/-0.056 χ^2/NDF : 1002904.8/10

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

Right Out: 141.286+/-0.050 χ^2/NDF : 1131933.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

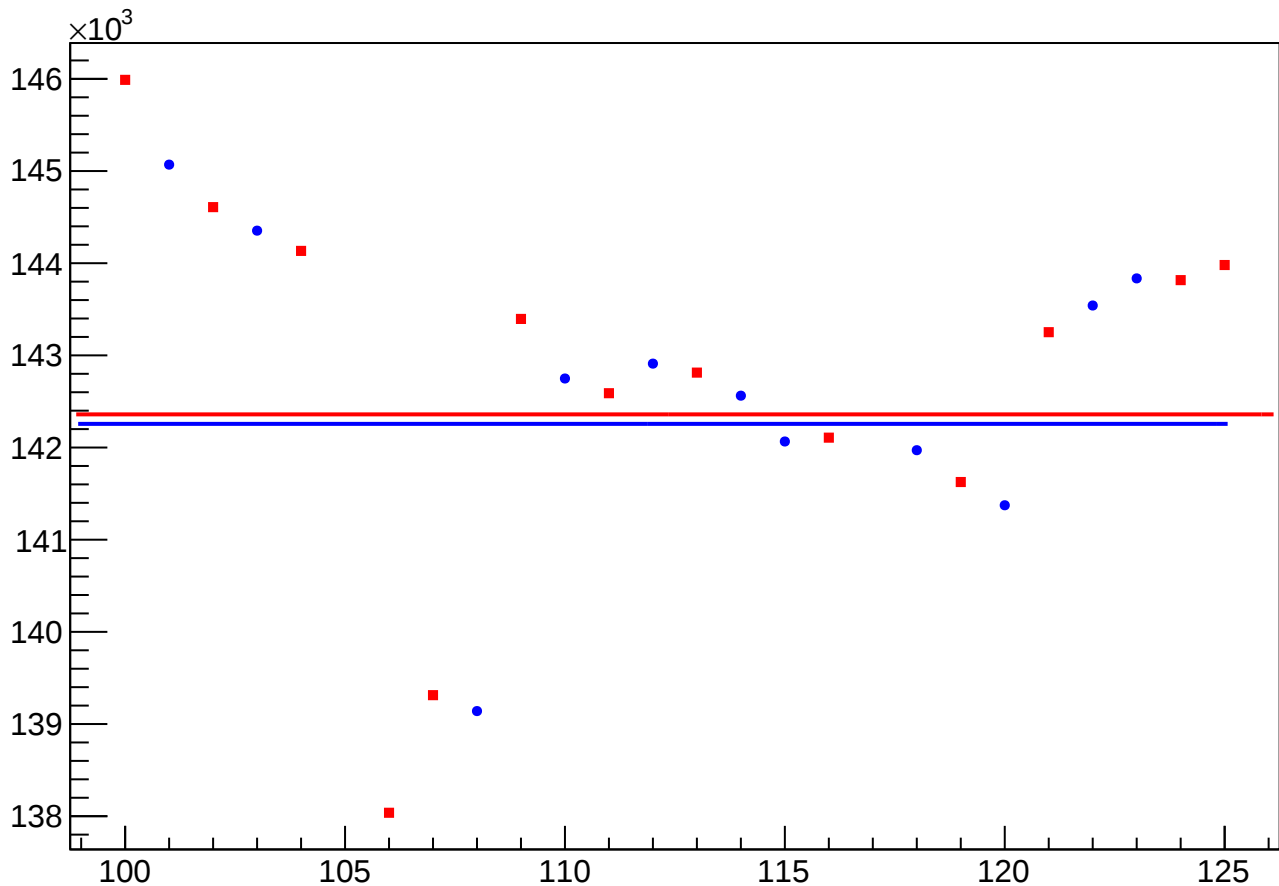
Right: 142.476+/-0.037 χ^2/NDF : 2136127.0/23

In: 143.992+/-0.056 χ^2/NDF : 1002904.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.476+/-0.037 χ^2/NDF : 2136127.0/23

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 142256.737+/-0.086 χ^2 /NDF: 280945511.3/10

Right: 142316.633+/-0.056 χ^2 /NDF: 706852468.1/2

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

Right Out: 142359.788+/-0.073 χ^2 /NDF: 425068786.2/12

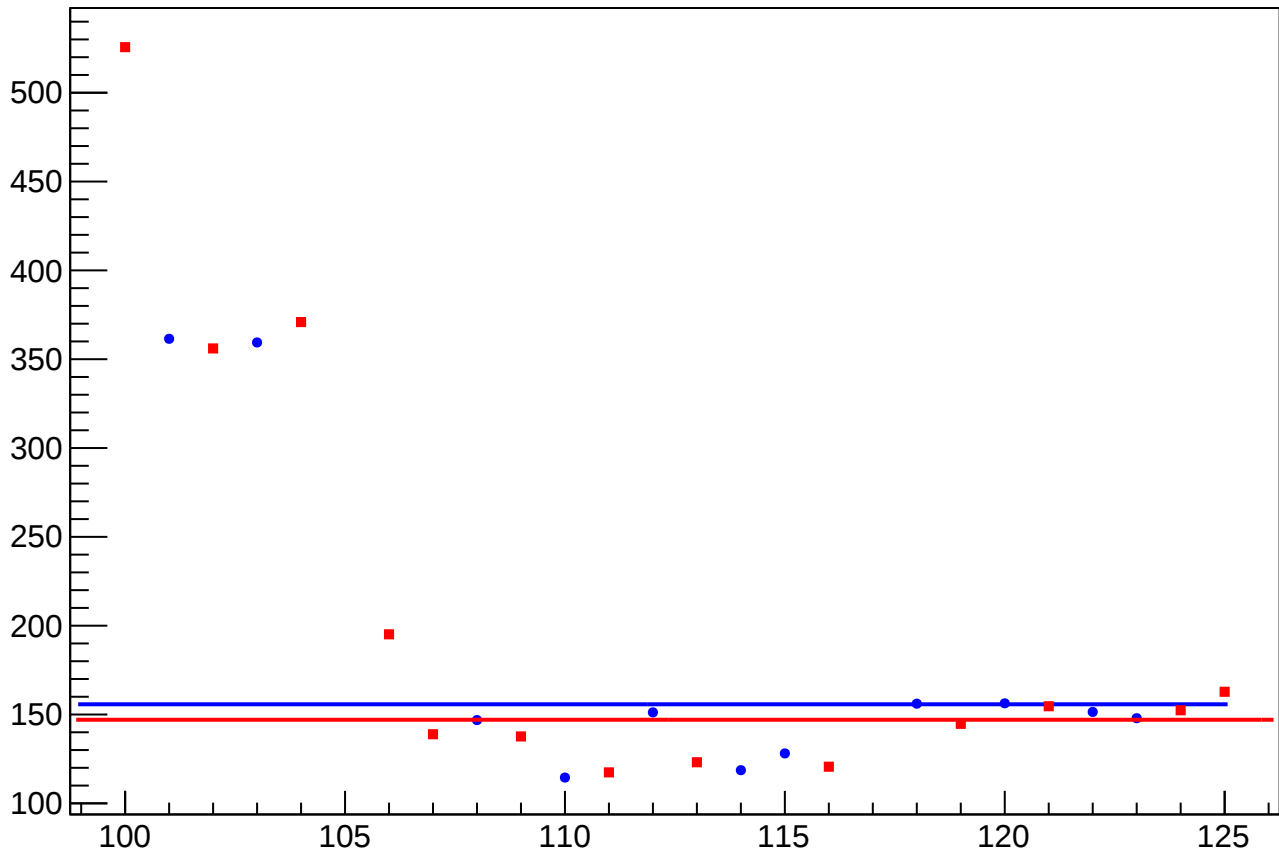
In: 142256.737+/-0.086 χ^2 /NDF: 280945511.3/10

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

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 142316.633+/-0.056 χ^2 /NDF: 706852468.1/2

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 155.754+/-0.061 χ^2/NDF : 863991.8/10

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

Right Out: 147.049+/-0.052 χ^2/NDF : 957668.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

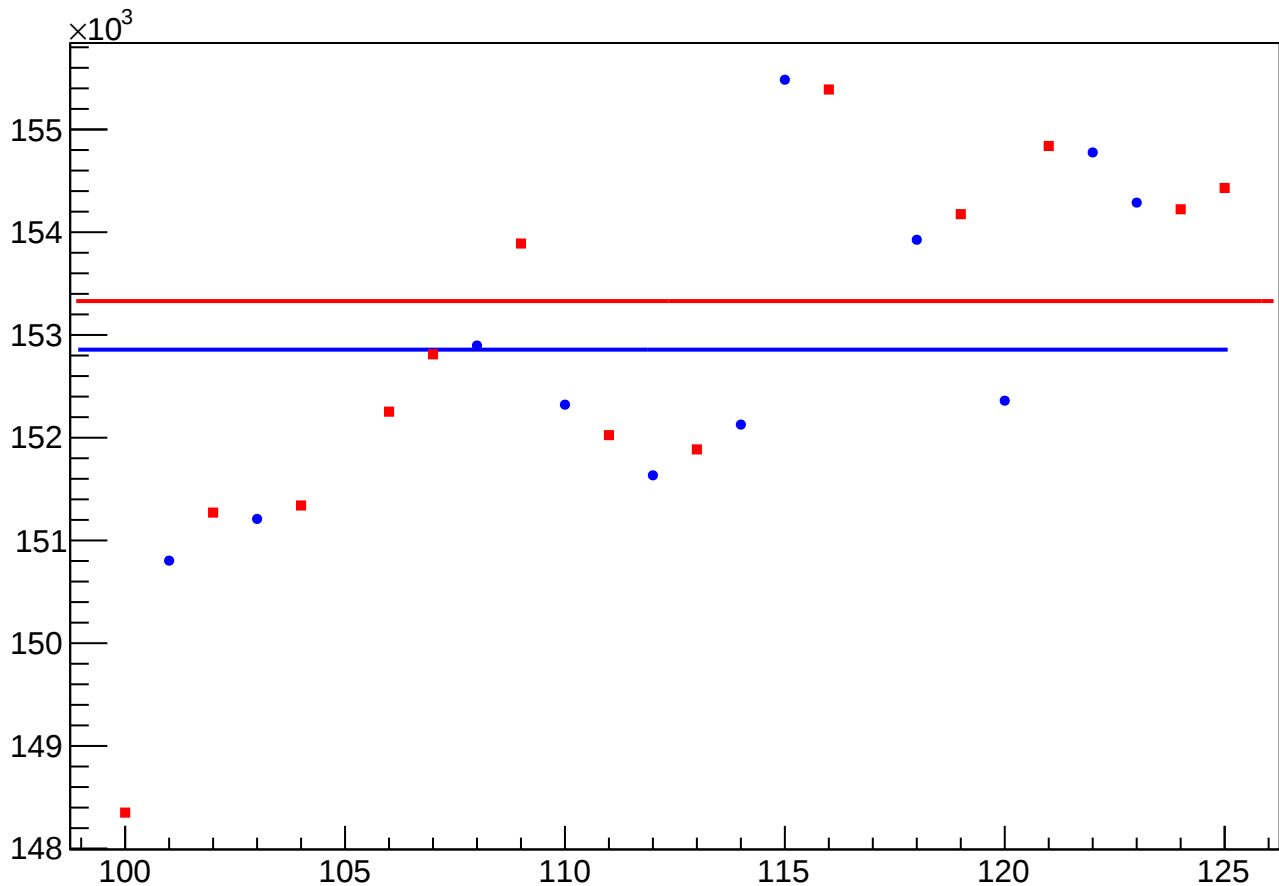
Right: 150.694+/-0.039 χ^2/NDF : 1833621.1/23

In: 155.754+/-0.061 χ^2/NDF : 863991.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.694+/-0.039 χ^2/NDF : 1833621.1/23

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 152857.055+/-0.101 χ^2 /NDF: 153397553.5/10

Right: 153141.981+/-0.064 χ^2 /NDF: 400795659.9/2

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

Right Out: 153329.833+/-0.082 χ^2 /NDF: 234255193.9/12

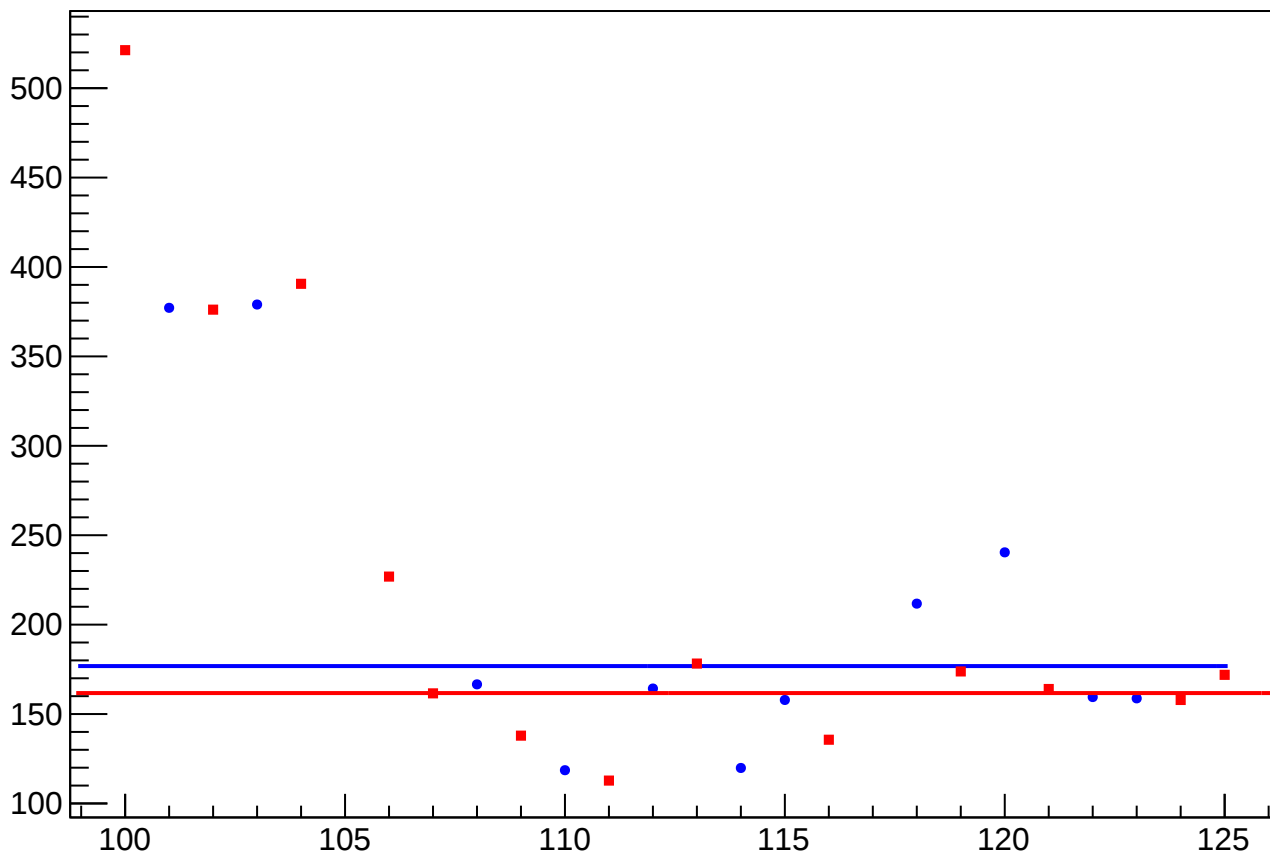
In: 152857.055+/-0.101 χ^2 /NDF: 153397553.5/10

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

All: 153141.981+/-0.064 χ^2 /NDF: 400795659.9/2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 176.824+/-0.072 χ^2/NDF : 926236.6/10

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

Right Out: 161.729+/-0.058 χ^2/NDF : 1007824.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

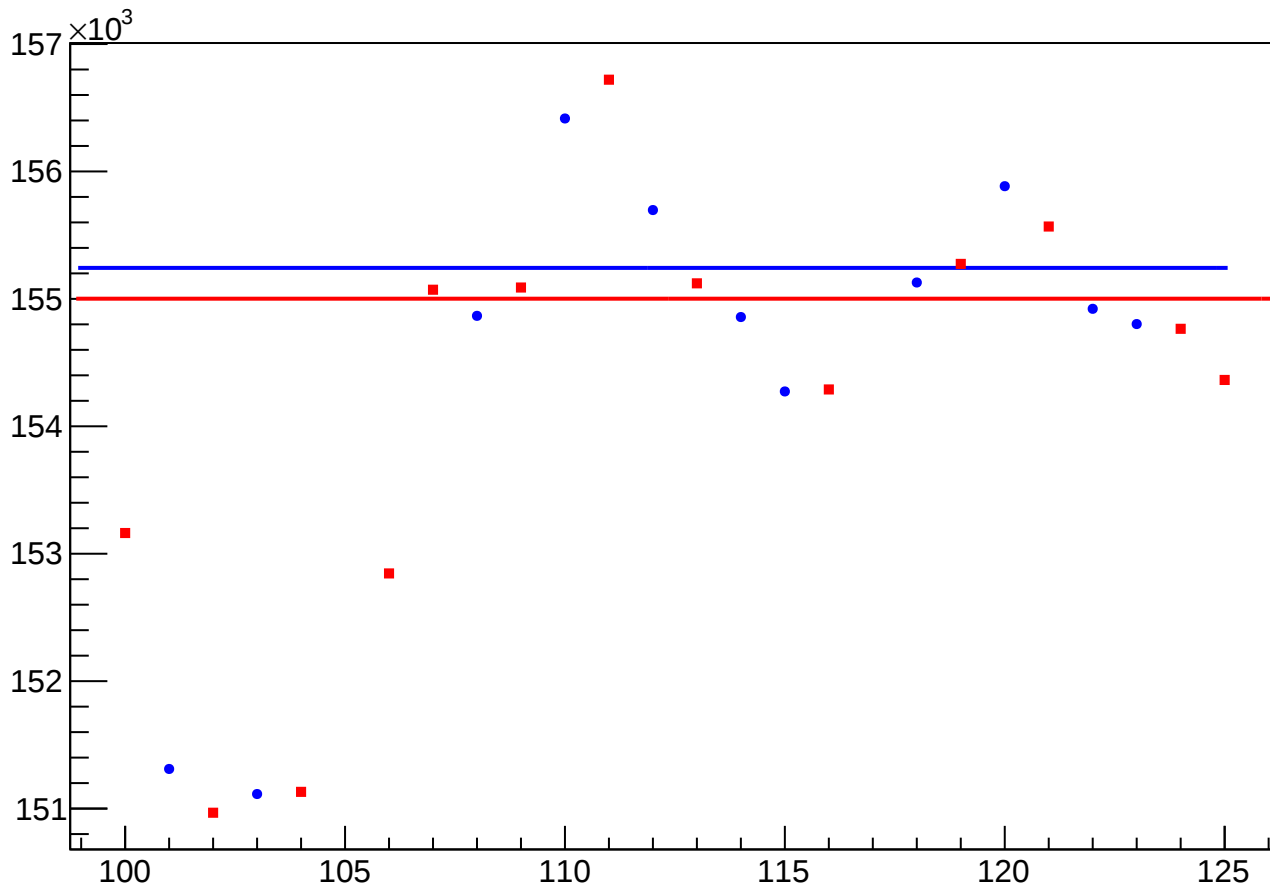
Right: 167.727+/-0.045 χ^2/NDF : 1960858.6/23

In: 176.824+/-0.072 χ^2/NDF : 926236.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.727+/-0.045 χ^2/NDF : 1960858.6/23

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 155243.118+/-0.082 χ^2 /NDF: 169480950.8/10

Right: 155106.040+/-0.054 χ^2 /NDF: 439273862.4/2

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

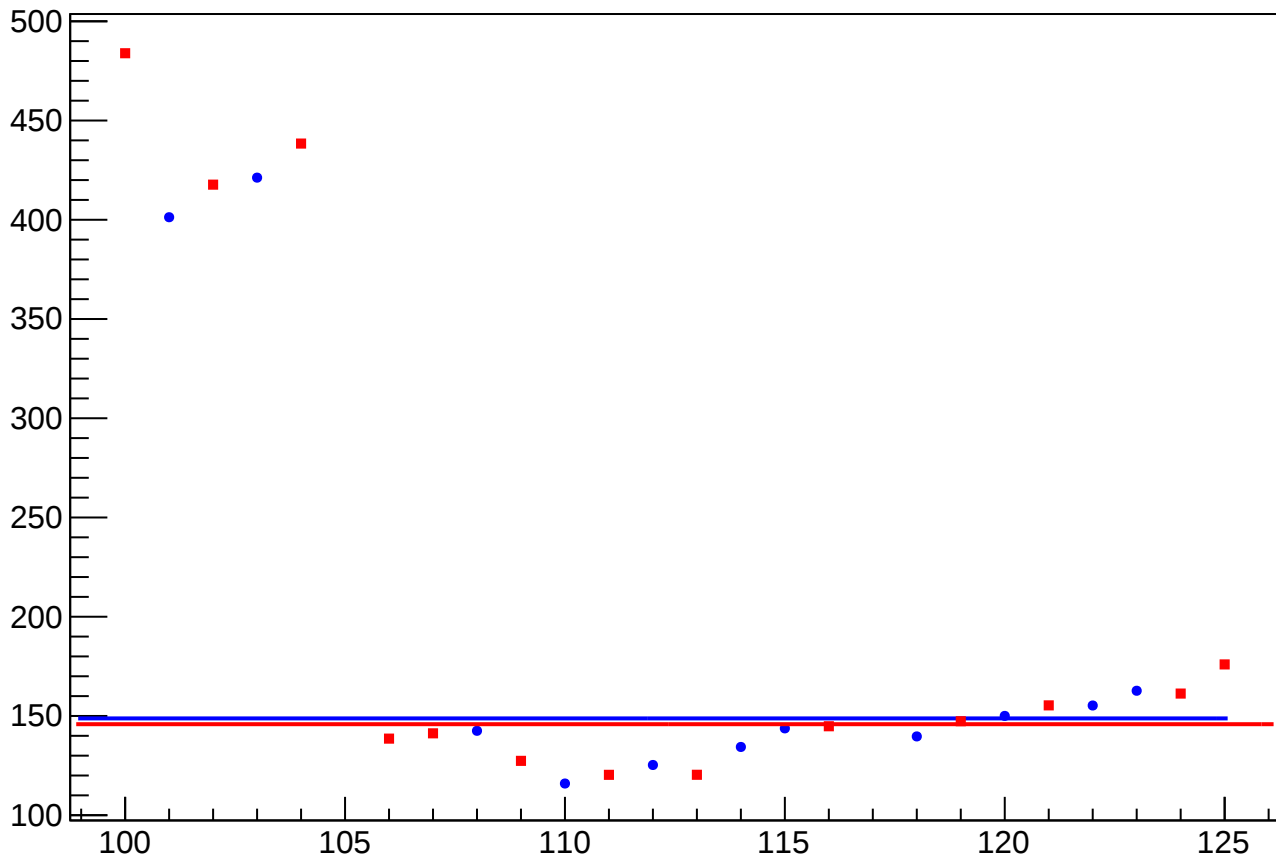
Right Out: 155001.441+/-0.072 χ^2 /NDF: 264886743.8/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 155106.040+/-0.054 χ^2 /NDF: 439273862.4/2

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 148.769+/-0.058 χ^2/NDF : 1033344.1/10

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

Right Out: 145.854+/-0.051 χ^2/NDF : 1091662.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

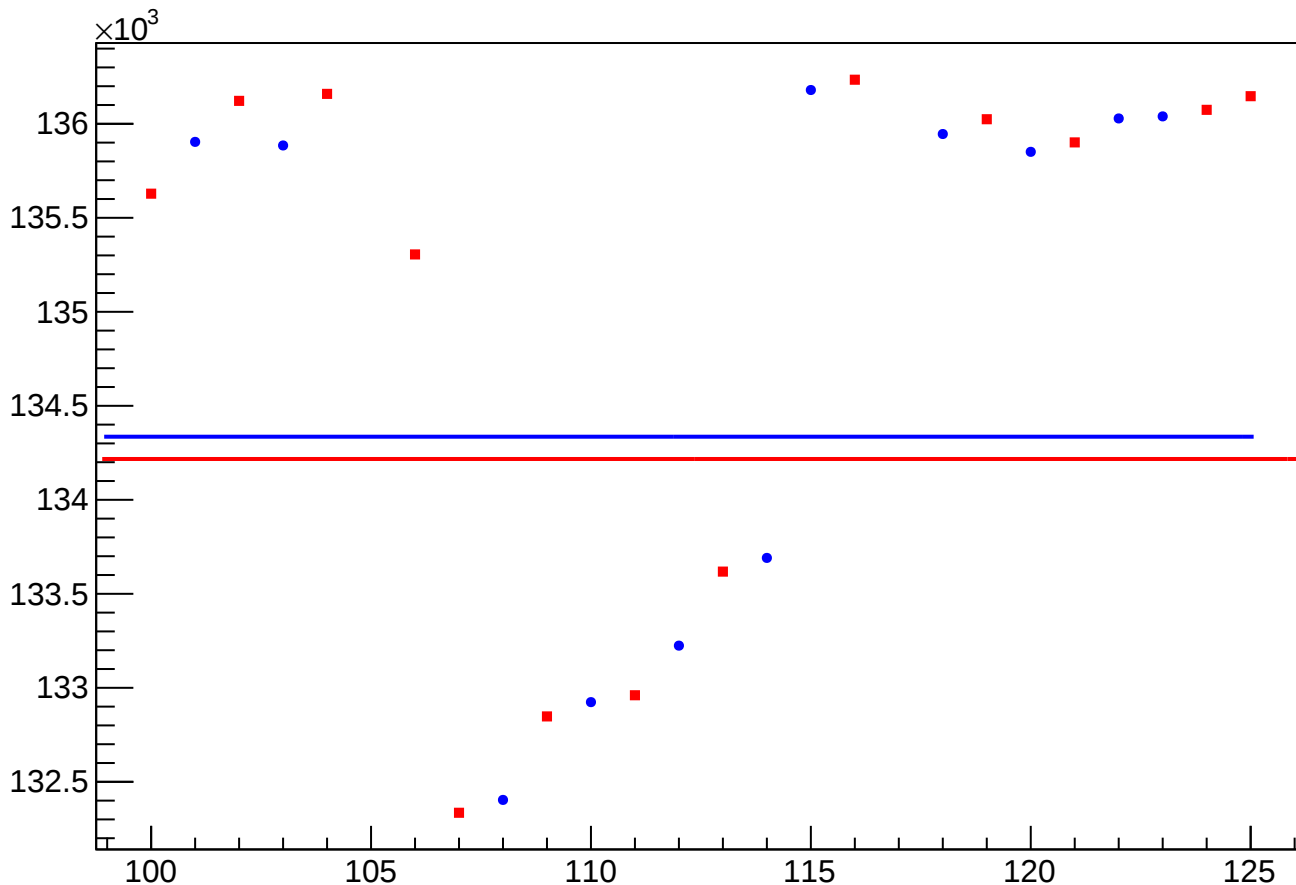
Right: 147.116+/-0.038 χ^2/NDF : 2126433.8/23

In: 148.769+/-0.058 χ^2/NDF : 1033344.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.116+/-0.038 χ^2/NDF : 2126433.8/23

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 134335.715+/-0.062 χ^2 /NDF: 591635701.8/10

Right: 134269.863+/-0.041 χ^2 /NDF: 1314287449.6/12

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

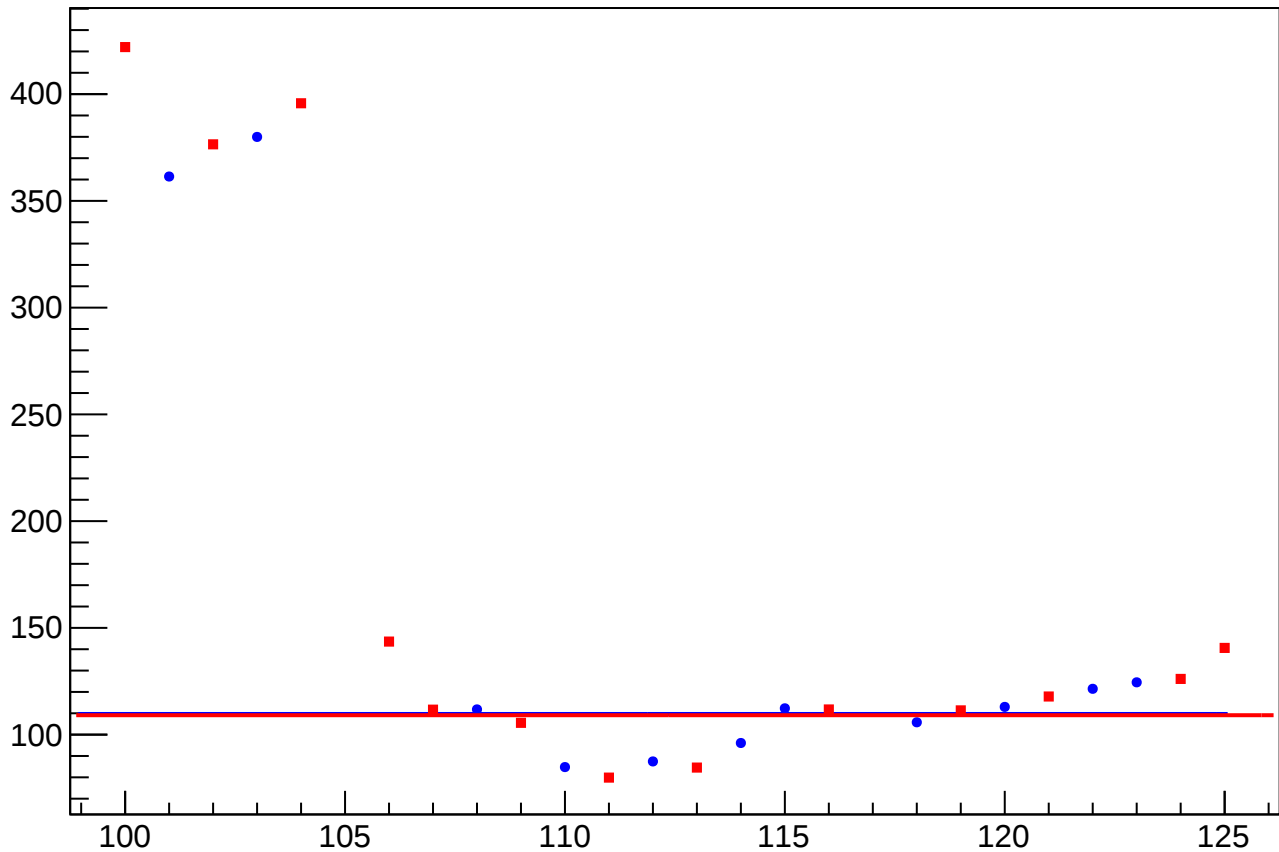
Right Out: 134217.184+/-0.055 χ^2 /NDF: 720611496.7/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 134269.863+/-0.041 χ^2 /NDF: 1314287449.6/12

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 109.670+/-0.044 χ^2/NDF : 1270015.2/10

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

Right Out: 109.096+/-0.039 χ^2/NDF : 1395716.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

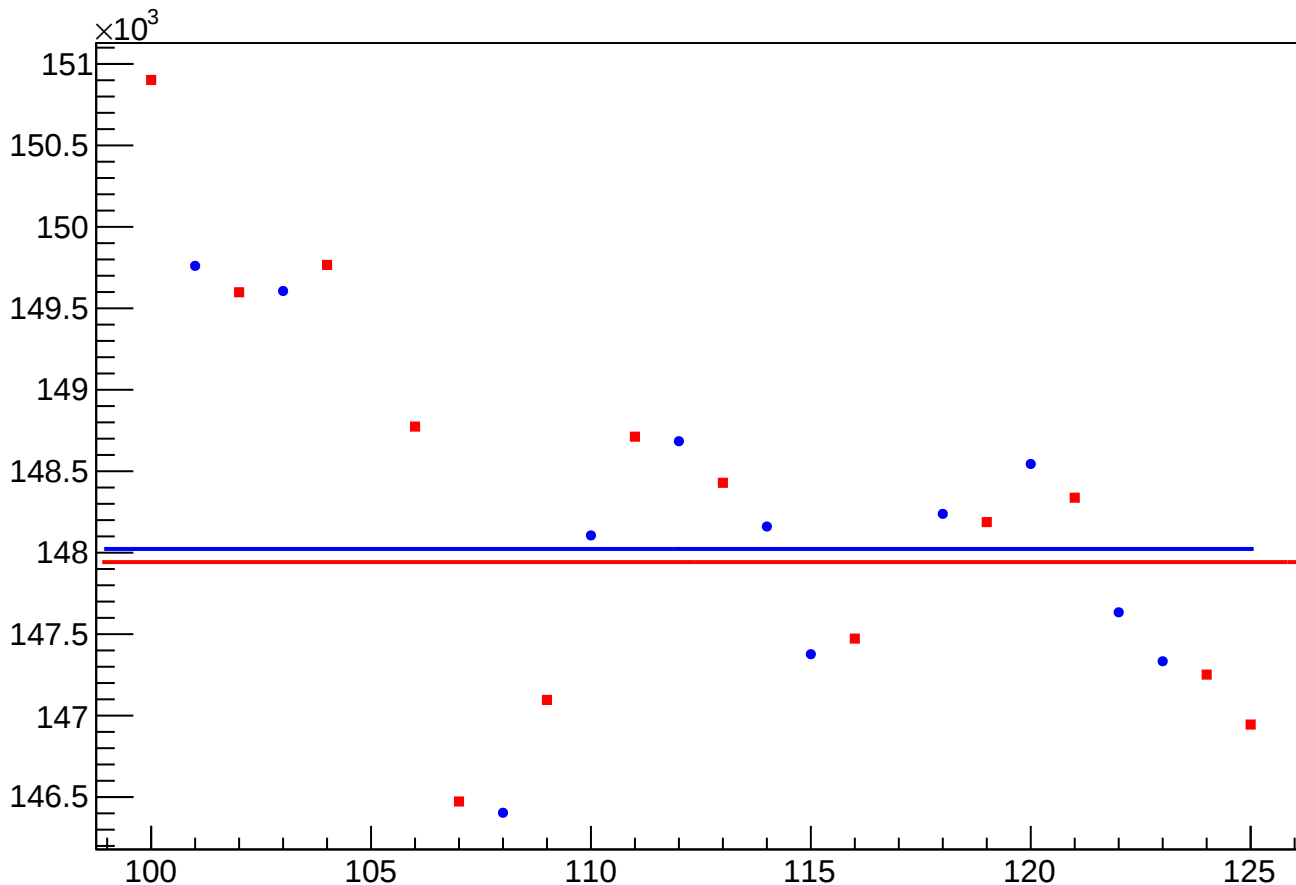
Right: 109.351+/-0.029 χ^2/NDF : 2665826.6/23

In: 109.670+/-0.044 χ^2/NDF : 1270015.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.351+/-0.029 χ^2/NDF : 2665826.6/23

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 148022.961+/-0.078 χ^2 /NDF: 107330671.4/10

Right: 147977.414+/-0.051 χ^2 /NDF: 257437062.9/2

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

Right Out: 147942.313+/-0.069 χ^2 /NDF: 149503266.6/12

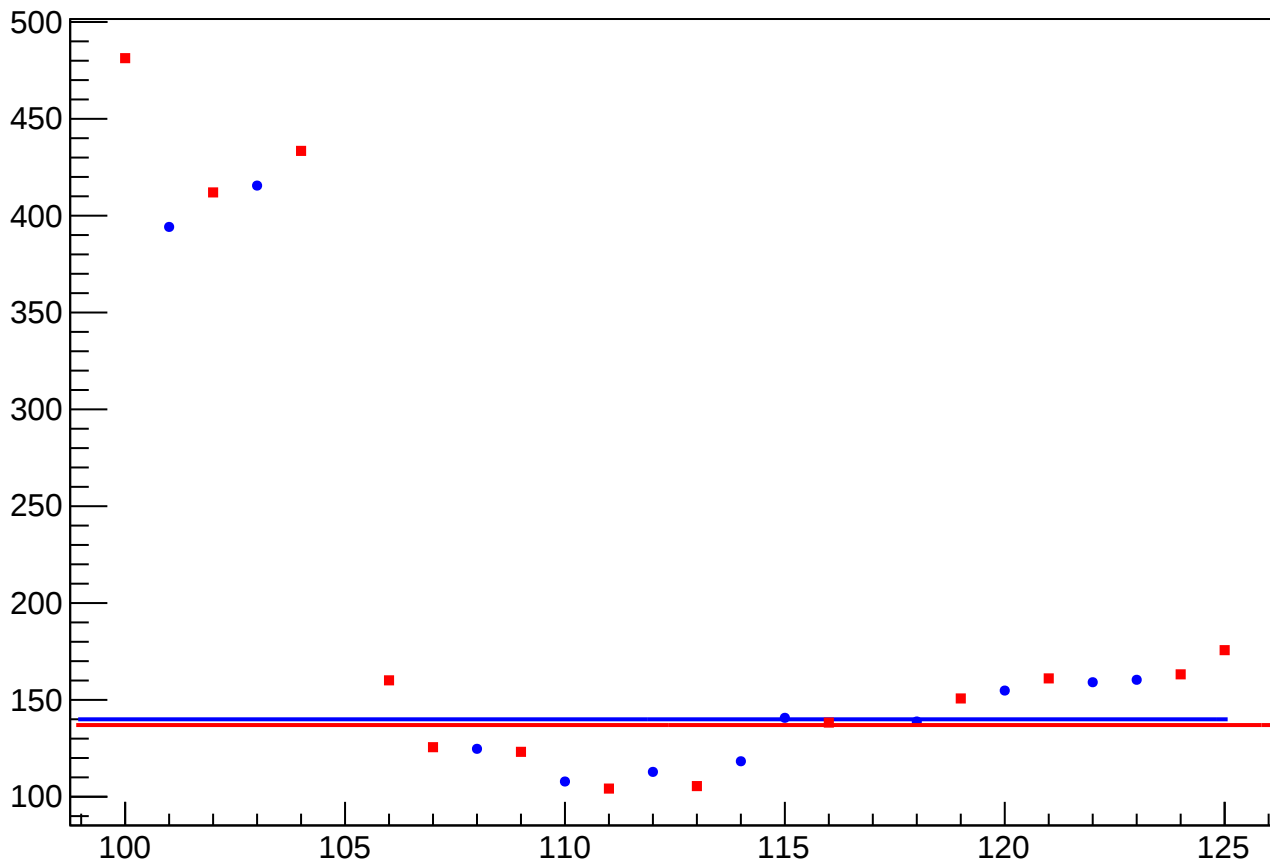
In: 148022.961+/-0.078 χ^2 /NDF: 107330671.4/10

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 147977.414+/-0.051 χ^2 /NDF: 257437062.9/2

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 139.979+/-0.055 χ^2/NDF : 1132488.9/10

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

Right Out: 137.012+/-0.048 χ^2/NDF : 1270053.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

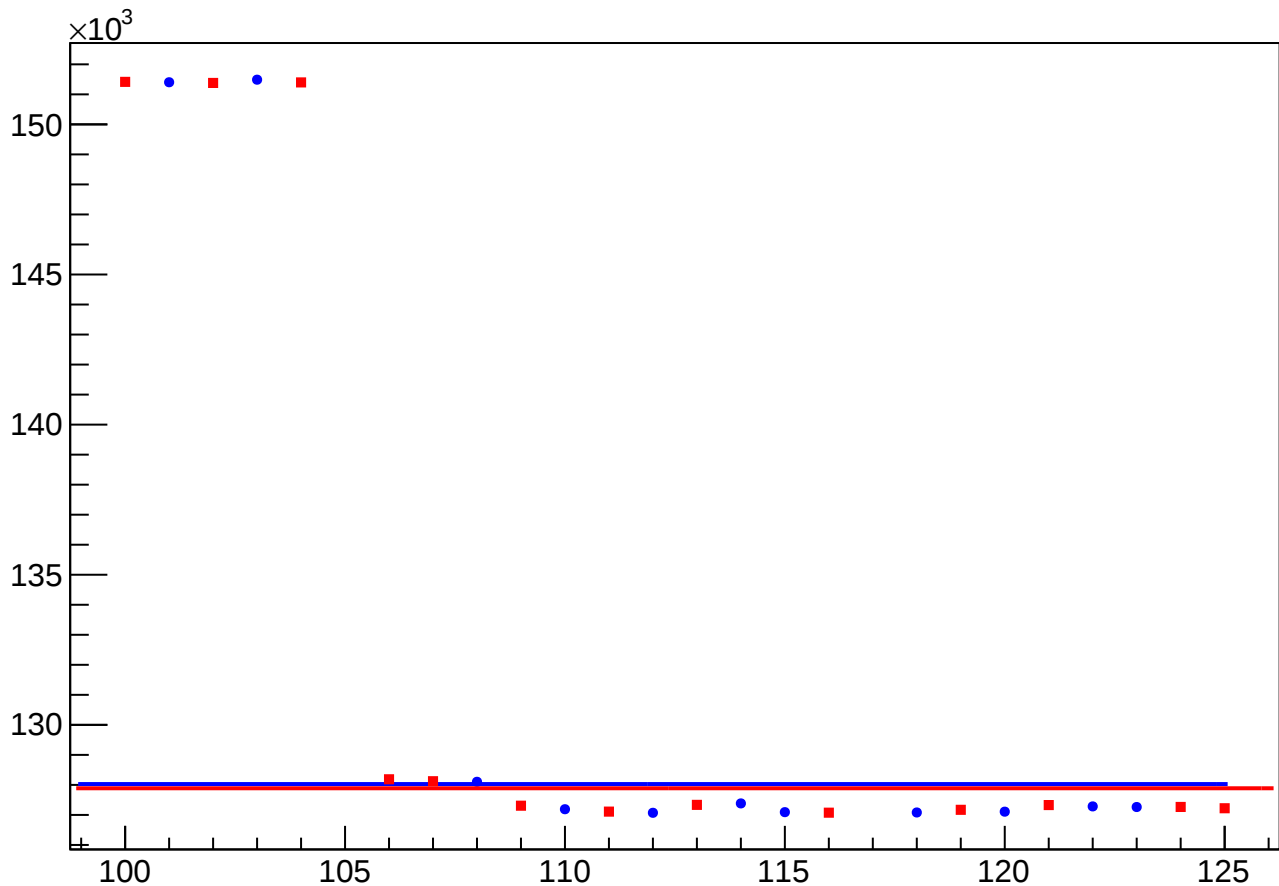
Right: 138.304+/-0.036 χ^2/NDF : 2404175.1/23

In: 139.979+/-0.055 χ^2/NDF : 1132488.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.304+/-0.036 χ^2/NDF : 2404175.1/23

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 128028.029+/-0.066 χ^2 /NDF: 4156917492.2/10

Right: 127949.226+/-0.044 χ^2 /NDF: 7796775996.5/10

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

In: 128028.029+/-0.066 χ^2 /NDF: 4156917492.2/10

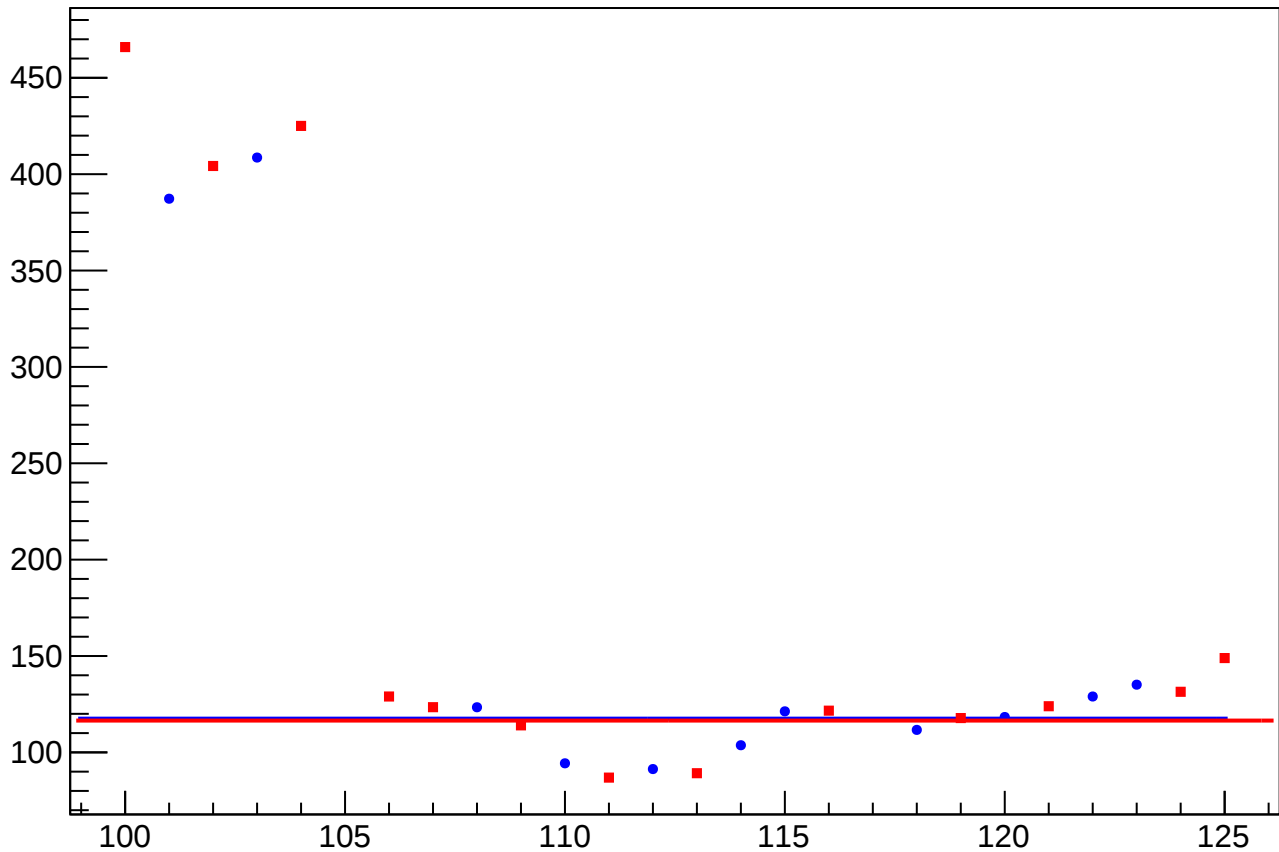
Right Out: 127887.850+/-0.059 χ^2 /NDF: 3637345698.5/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 127949.226+/-0.044 χ^2 /NDF: 7796775996.5/10

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 117.502 $\pm$ 0.047 χ^2 /NDF: 1268641.9/10

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

Right Out: 116.500 $\pm$ 0.041 χ^2 /NDF: 1370345.2/12

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

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

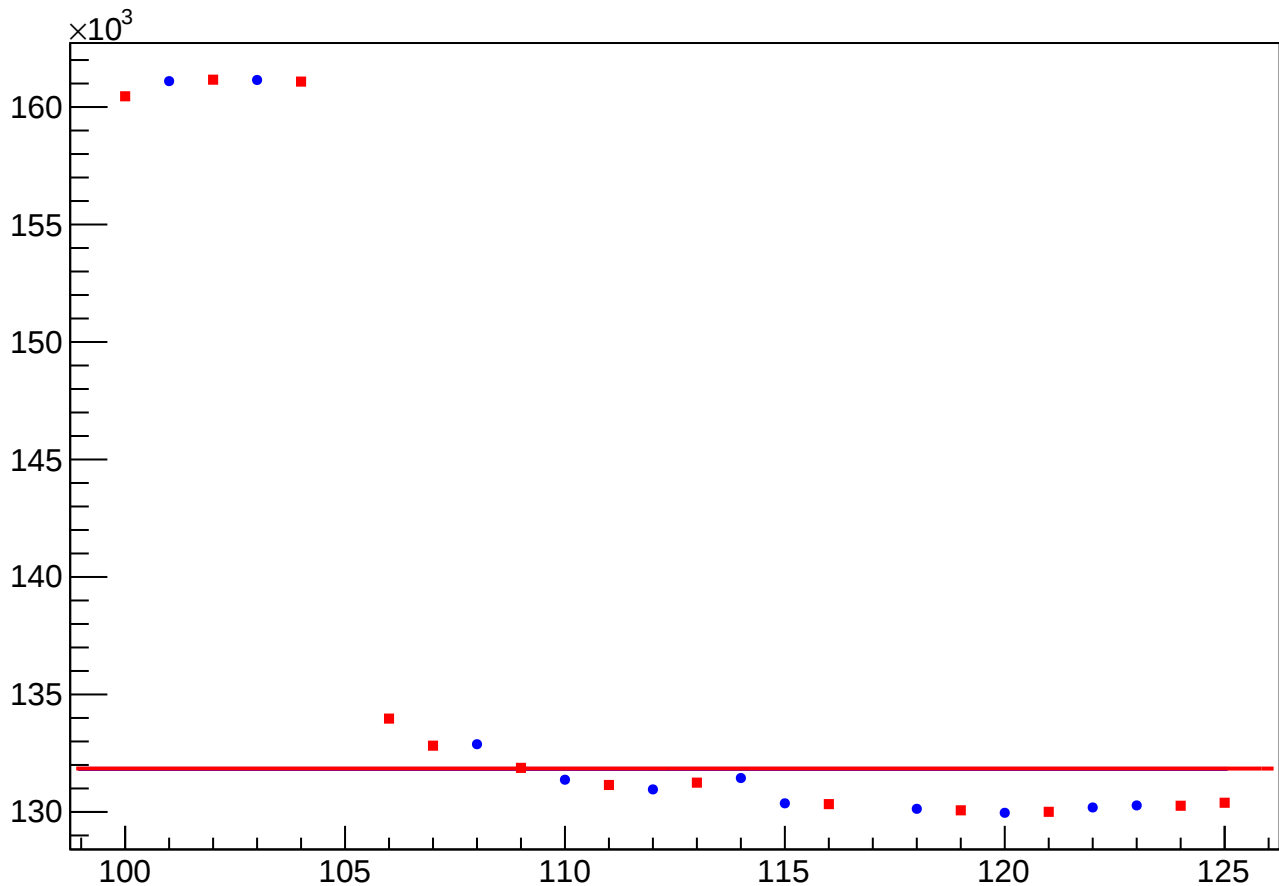
Right: 116.939 $\pm$ 0.031 χ^2 /NDF: 2639244.2/23

In: 117.502 $\pm$ 0.047 χ^2 /NDF:1268641.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

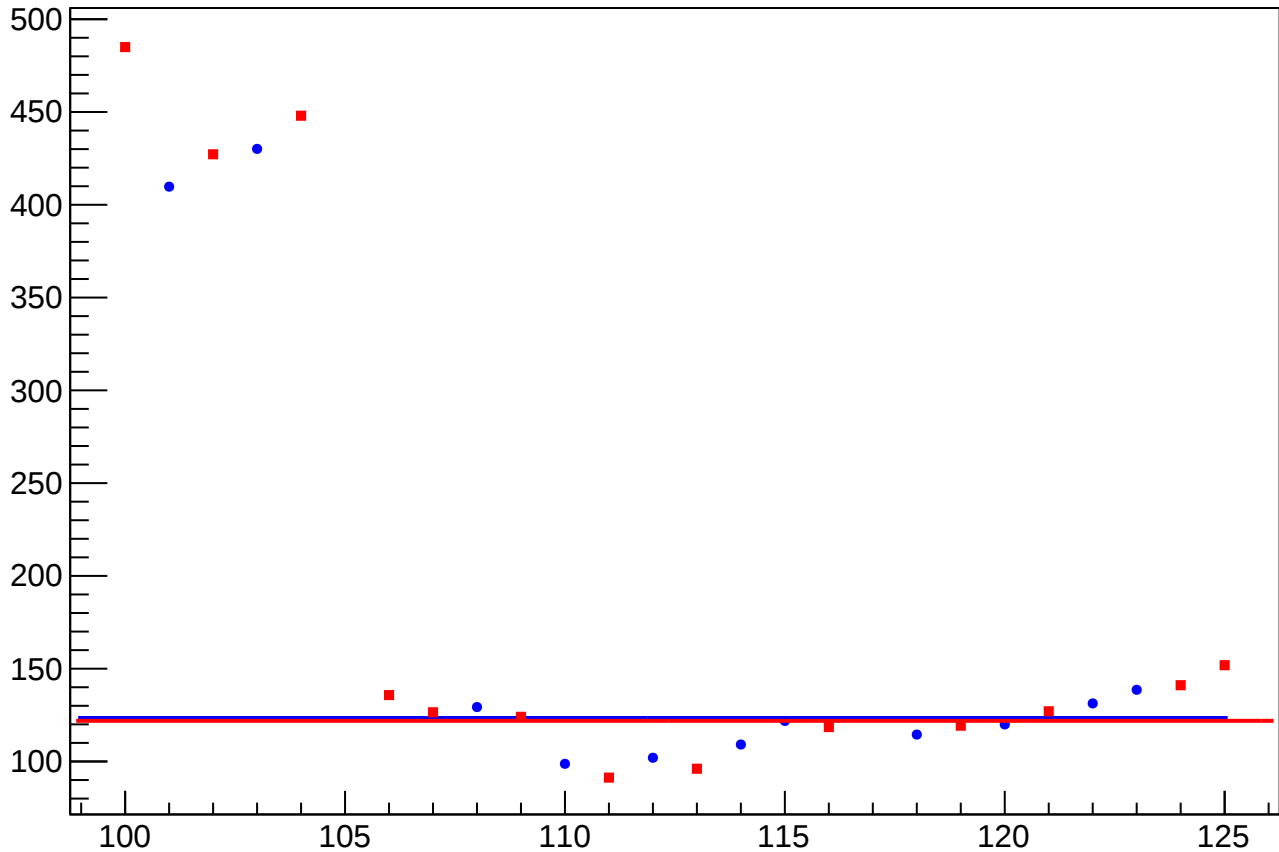
All: 116.939 $\pm$ 0.031 χ^2 /NDF: 2639244.2/23

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: 131832.198 $\pm$ 0.069 χ^2 /NDF: 5961159969.0/10
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 131847.133 $\pm$ 0.061 χ^2 /NDF: 5317468196.6/12
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 131840.614 $\pm$ 0.046 χ^2 /NDF: 11278654203.0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 131840.614 $\pm$ 0.046 χ^2 /NDF: 11278654203.0
 In: 131832.198 $\pm$ 0.069 χ^2 /NDF:5961159969.0/10
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 123.425+/-0.049 χ^2/NDF : 1243391.8/10

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

Right Out: 121.904+/-0.043 χ^2/NDF : 1349752.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

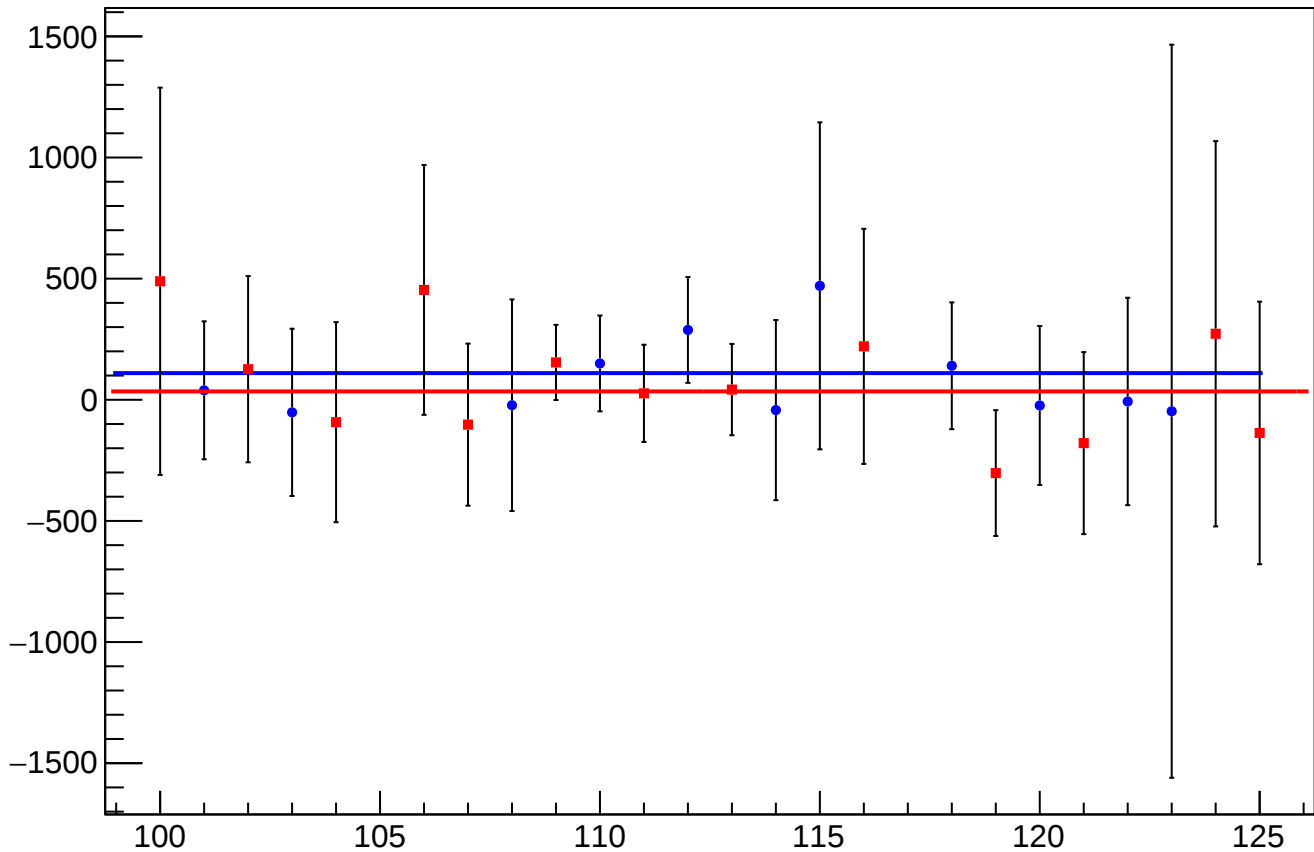
Right: 122.568+/-0.032 χ^2/NDF : 2593683.6/23

In: 123.425+/-0.049 χ^2/NDF : 1243391.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.568+/-0.032 χ^2/NDF : 2593683.6/23

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 110.166 $\pm$ 94.614 χ^2 /NDF: 1.8/10

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

Right Out: 34.537 $\pm$ 80.962 χ^2 /NDF: 4.2/12

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

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

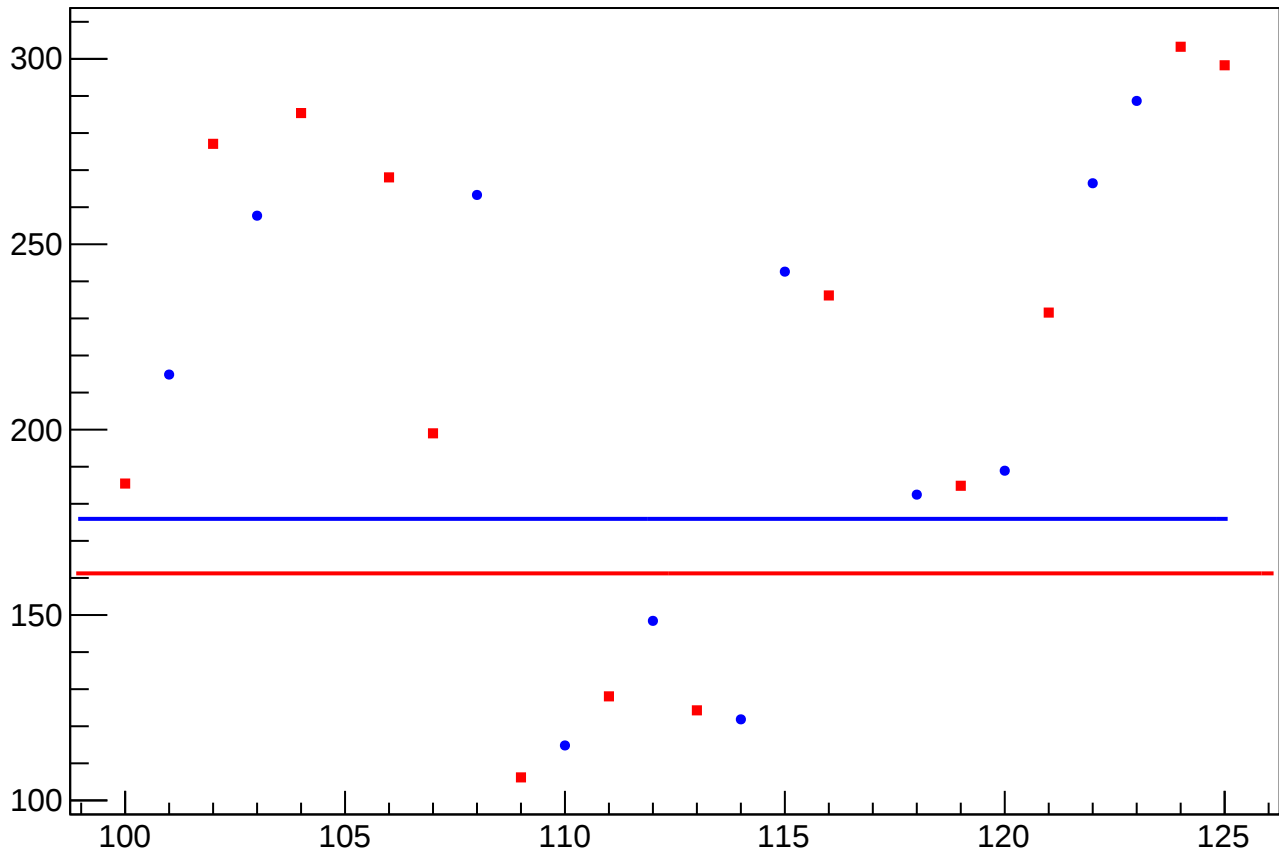
Right: 66.507 $\pm$ 61.515 χ^2 /NDF: 6.4/23

In: 110.166 $\pm$ 94.614 χ^2 /NDF:1.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 66.507 $\pm$ 61.515 χ^2 /NDF: 6.4/23

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 175.936 $\pm$ 0.067 χ^2 /NDF: 619022.8/10

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

Right Out: 161.234 $\pm$ 0.057 χ^2 /NDF: 1184786.1/12

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

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

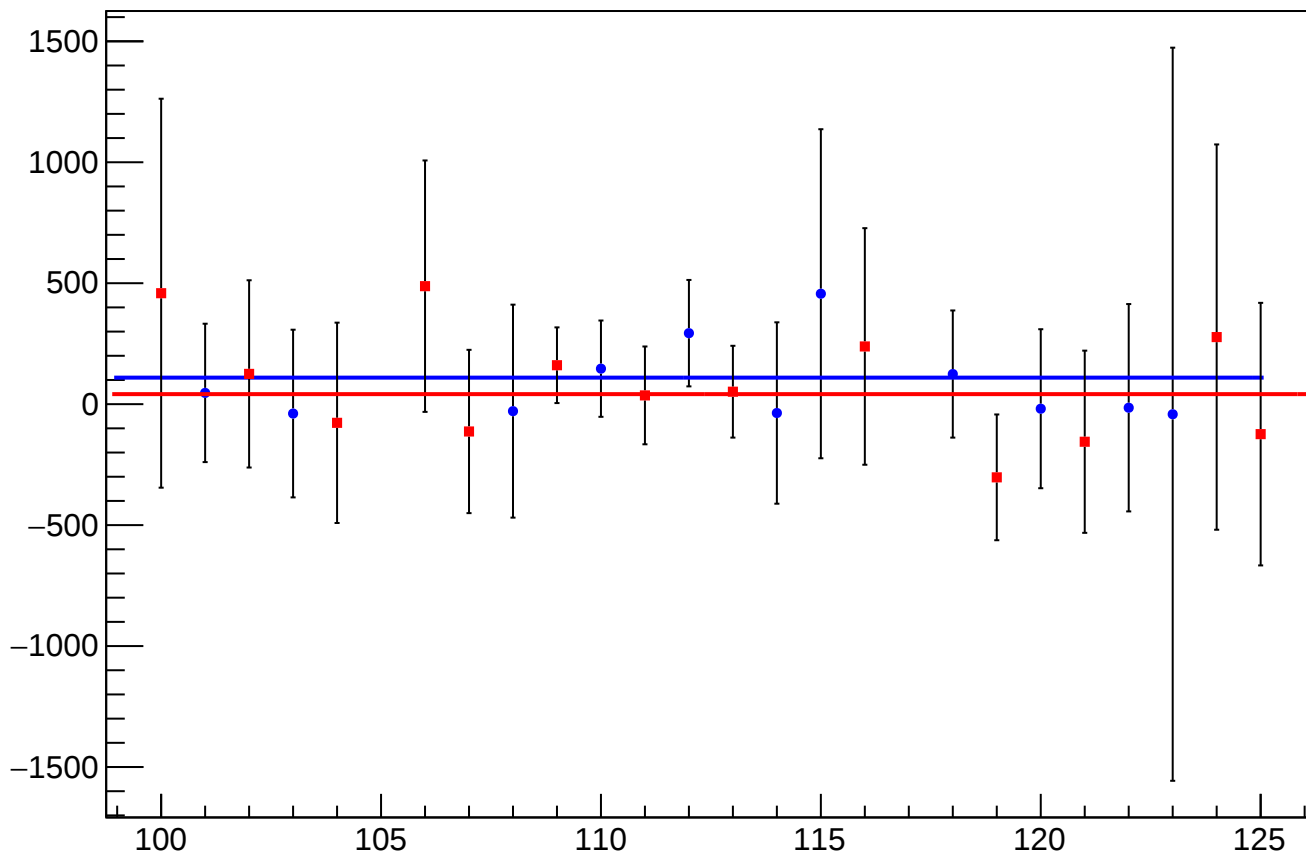
Right: 167.449 $\pm$ 0.043 χ^2 /NDF: 1831688.5/23

In: 175.936 $\pm$ 0.067 χ^2 /NDF:619022.8/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 167.449 $\pm$ 0.043 χ^2 /NDF: 1831688.5/23

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 109.689 $\pm$ 95.126 χ^2 /NDF: 1.7/10

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

Right Out: 41.466 $\pm$ -81.478 χ^2 /NDF: 4.3/12

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

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

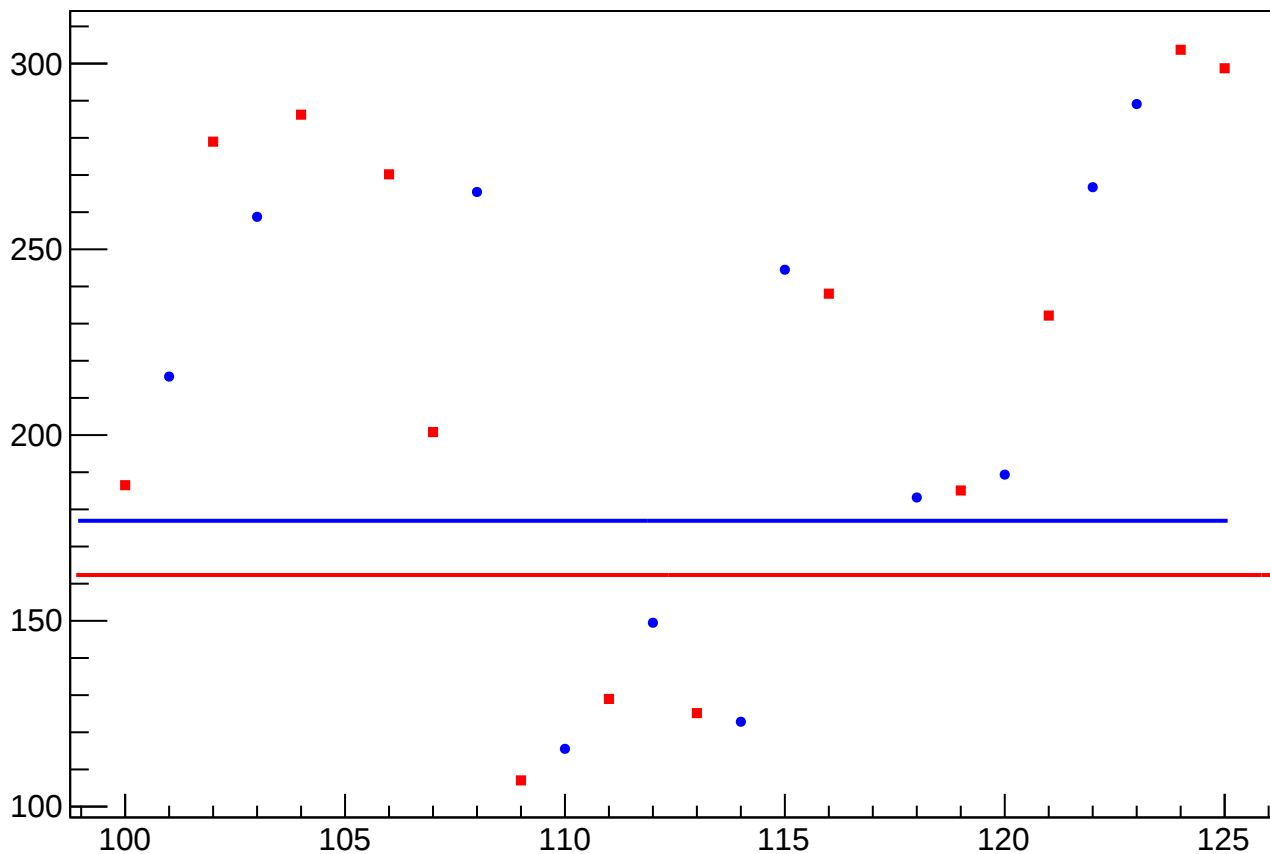
Right: 70.336 $\pm$ -61.881 χ^2 /NDF: 6.3/23

In: 109.689 $\pm$ -95.126 χ^2 /NDF:1.7/10

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

All: 70.336 $\pm$ -61.881 χ^2 /NDF: 6.3/23

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 176.931 $\pm$ 0.067 χ^2 /NDF: 614604.6/10

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

Right Out: 162.335 $\pm$ 0.058 χ^2 /NDF: 1176944.3/12

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

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

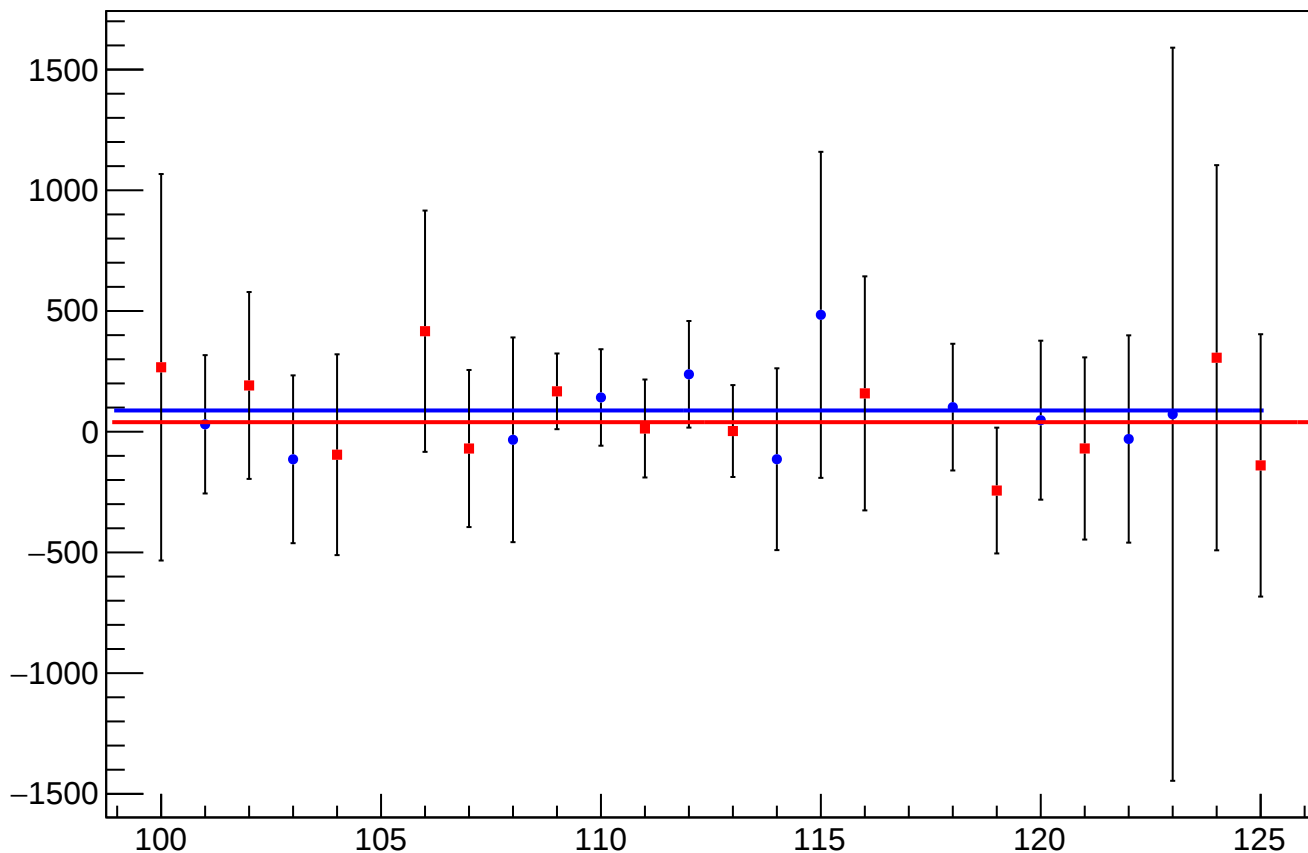
Right: 168.512 $\pm$ 0.044 χ^2 /NDF: 1818710.0/23

In: 176.931 $\pm$ 0.067 χ^2 /NDF:614604.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 168.512 $\pm$ 0.044 χ^2 /NDF: 1818710.0/23

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 88.010+/-95.156 χ^2/NDF : 1.7/10

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

Right Out: 39.519+/-81.369 χ^2/NDF : 3.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

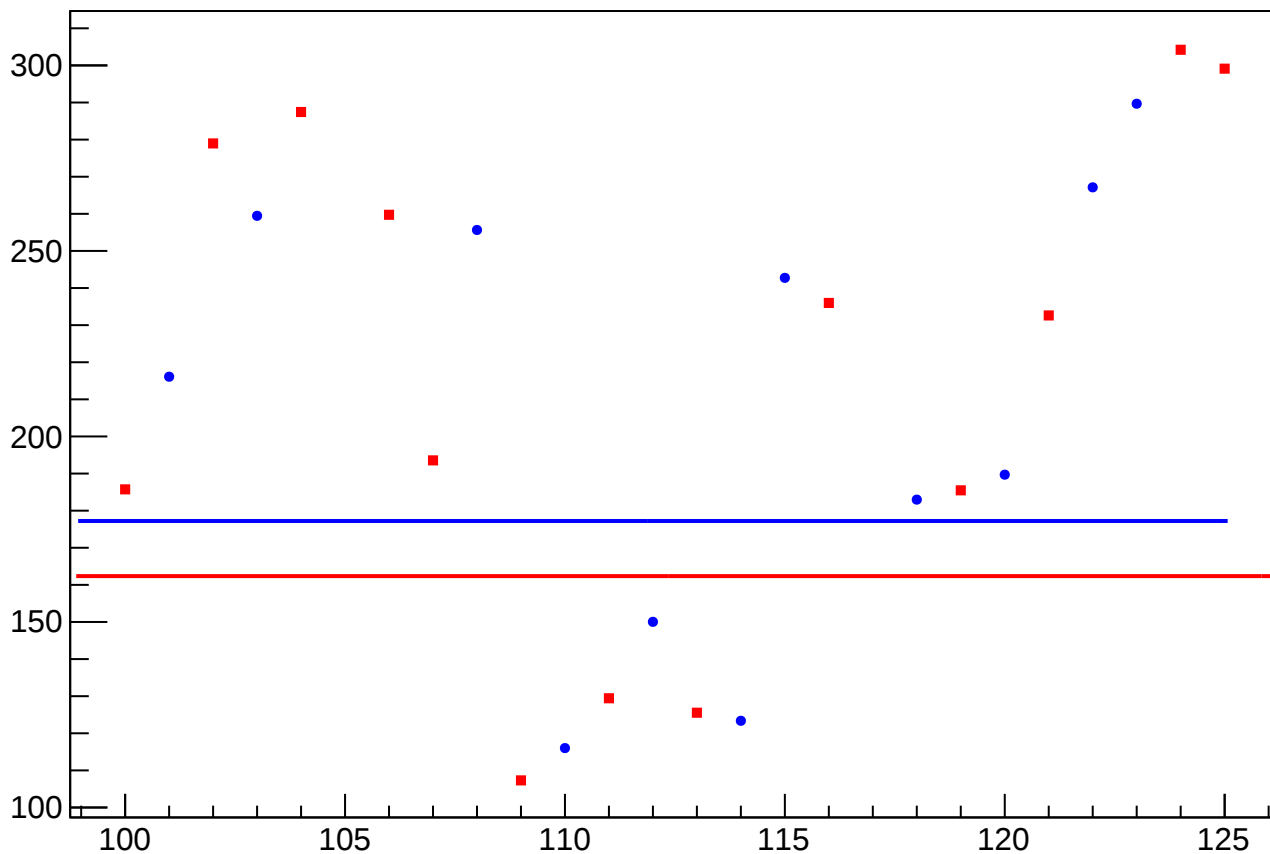
Right: 60.000+/-61.842 χ^2/NDF : 5.2/23

In: 88.010+/-95.156 χ^2/NDF : 1.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.000+/-61.842 χ^2/NDF : 5.2/23

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 177.216 $\pm$ 0.067 χ^2 /NDF: 597532.2/10

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

Right Out: 162.362 $\pm$ 0.058 χ^2 /NDF: 1153884.3/12

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

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

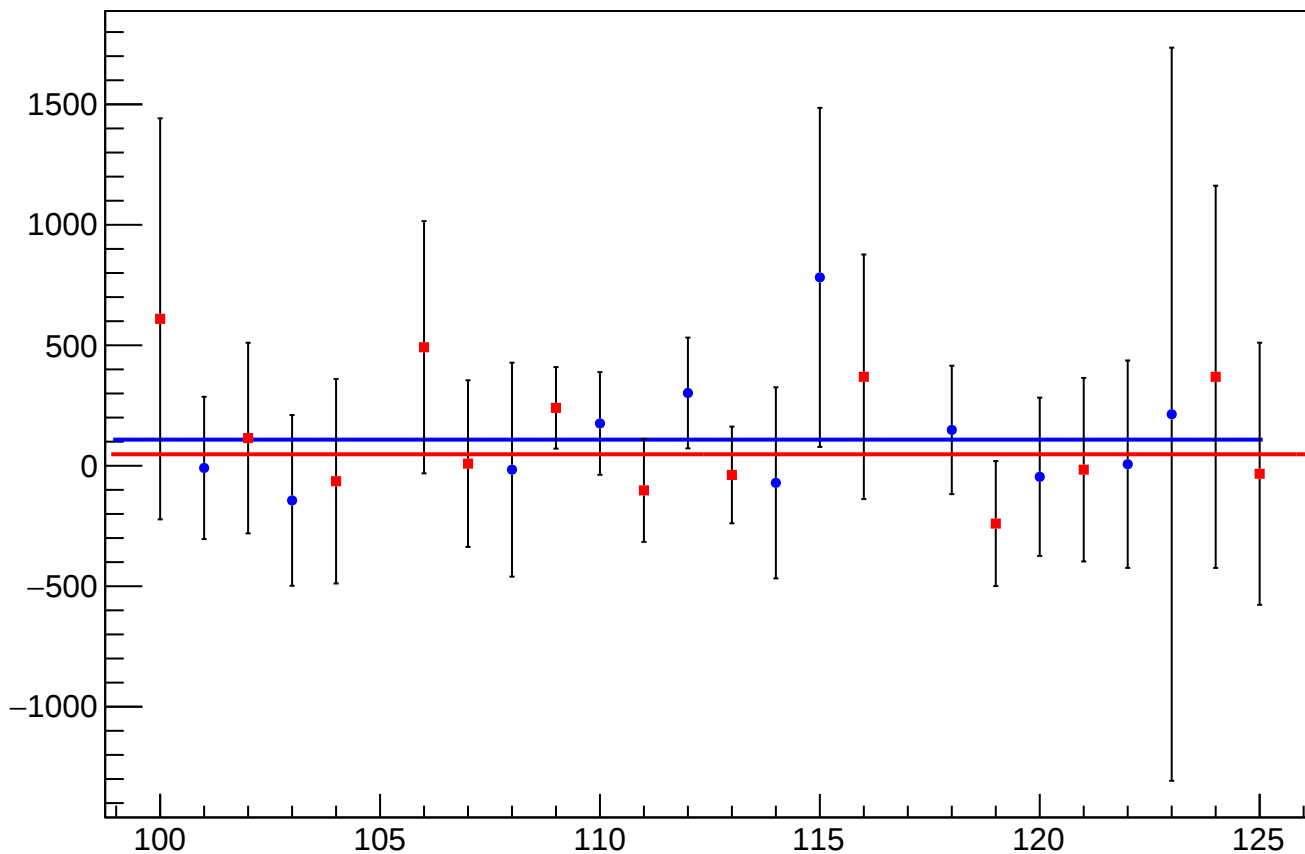
Right: 168.636 $\pm$ 0.044 χ^2 /NDF: 1779565.5/23

In: 177.216 $\pm$ 0.067 χ^2 /NDF:597532.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 168.636 $\pm$ 0.044 χ^2 /NDF: 1779565.5/23

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 108.505 $\pm$ 98.553 χ^2 /NDF: 3.0/10

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

Right Out: 47.656 $\pm$ 85.252 χ^2 /NDF: 5.1/12

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

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

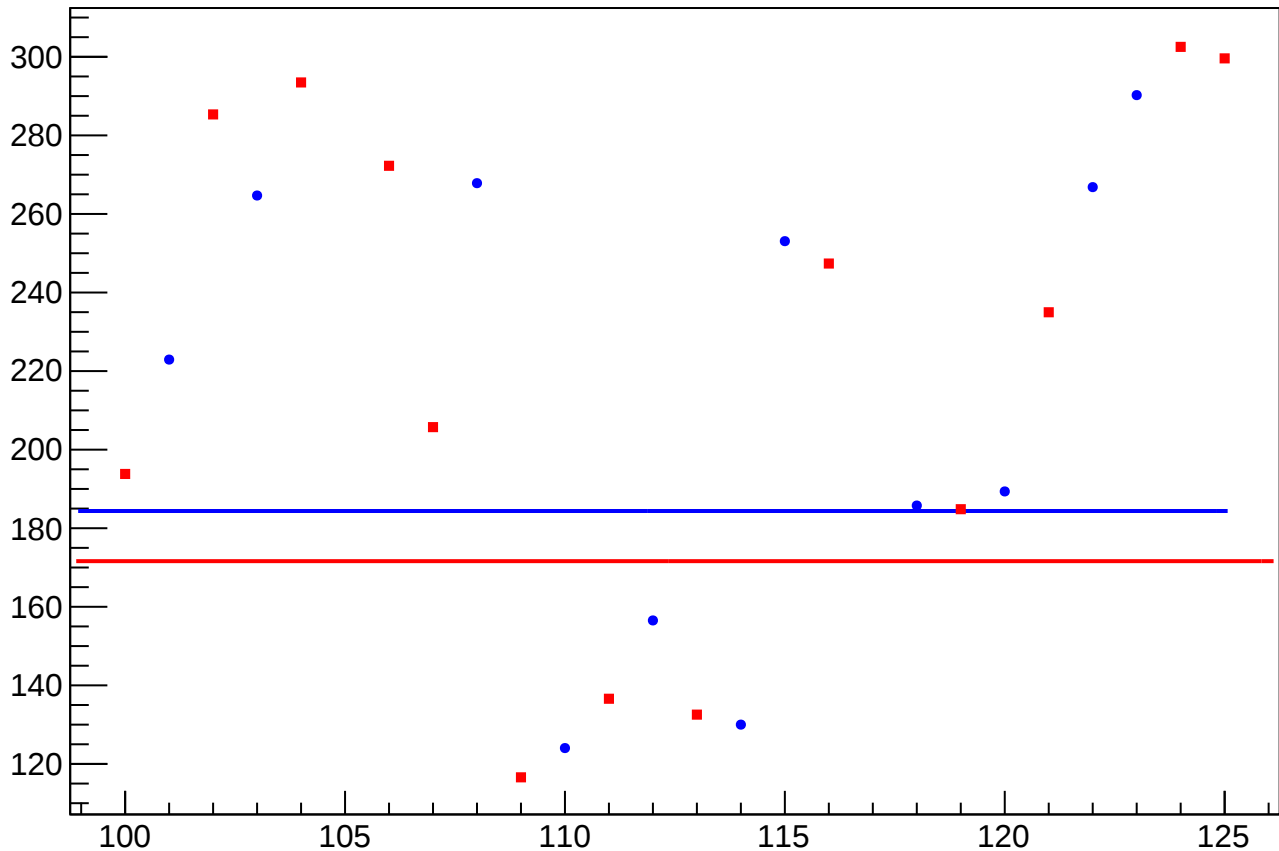
Right: 73.700 $\pm$ 64.476 χ^2 /NDF: 8.3/23

In: 108.505 $\pm$ 98.553 χ^2 /NDF:3.0/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 73.700 $\pm$ 64.476 χ^2 /NDF: 8.3/23

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 184.384 ± 0.070 $\chi^2/\text{NDF}: 537173.6/10$

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

Right Out: 171.617 ± 0.060 $\chi^2/\text{NDF}: 1036017.6/12$

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

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

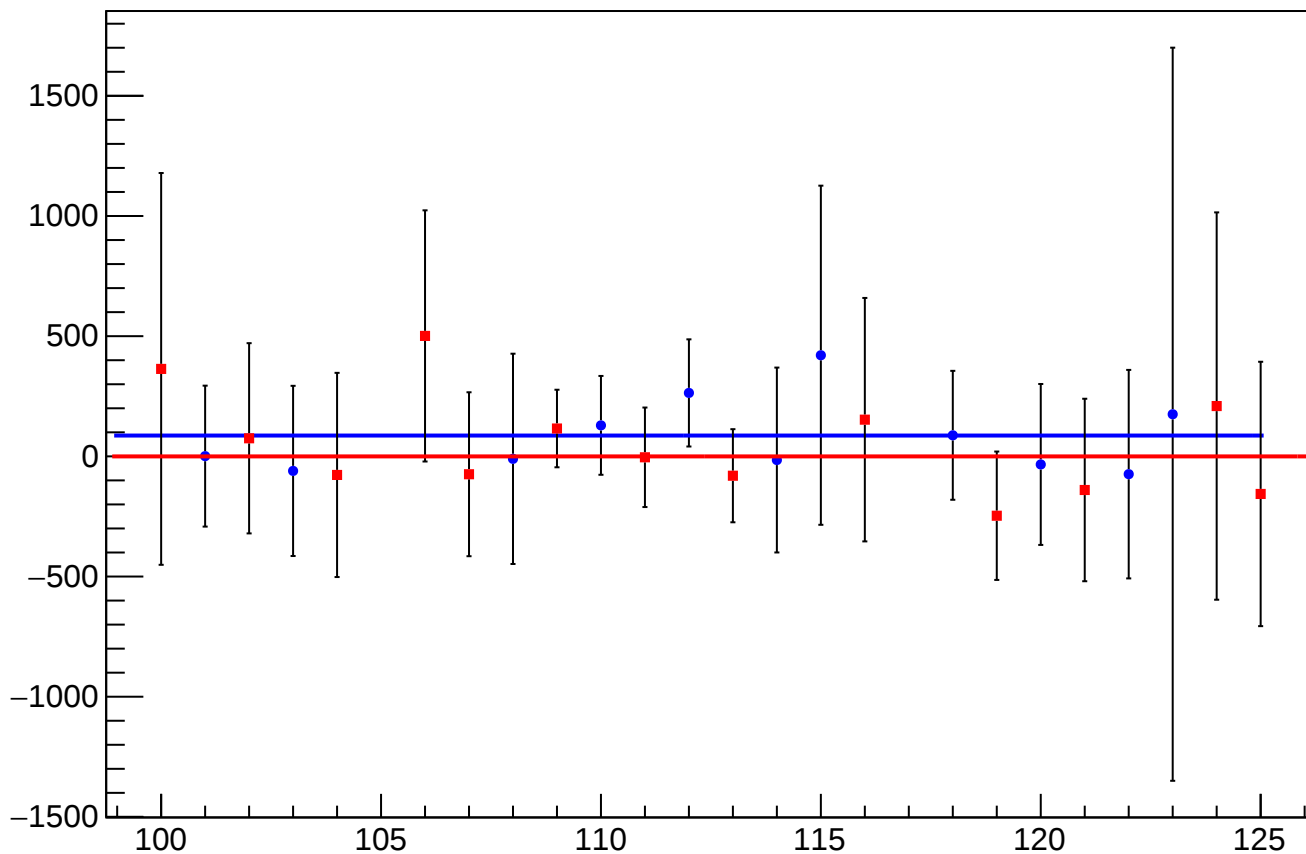
Right: 177.081 ± 0.046 $\chi^2/\text{NDF}: 1592388.8/23$

In: 184.384 ± 0.070 $\chi^2/\text{NDF}: 537173.6/10$

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

All: 177.081 ± 0.046 $\chi^2/\text{NDF}: 1592388.8/23$

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 86.598+/-97.150 χ^2/NDF : 1.5/10

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

Right Out: -0.185+/-83.384 χ^2/NDF : 3.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

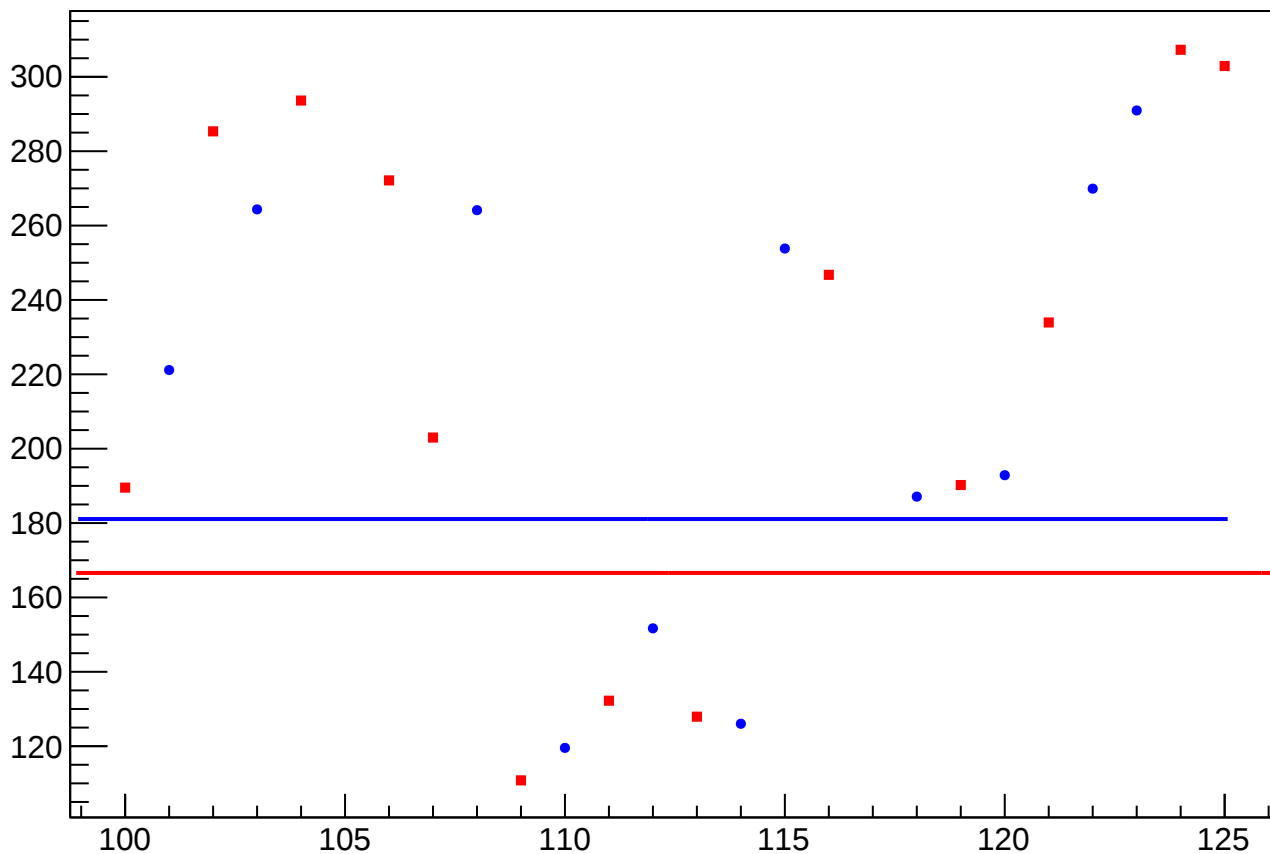
Right: 36.627+/-63.274 χ^2/NDF : 5.2/23

In: 86.598+/-97.150 χ^2/NDF : 1.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.627+/-63.274 χ^2/NDF : 5.2/23

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 181.082+/-0.069 χ^2/NDF : 594091.7/10

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

Right Out: 166.584+/-0.059 χ^2/NDF : 1151530.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

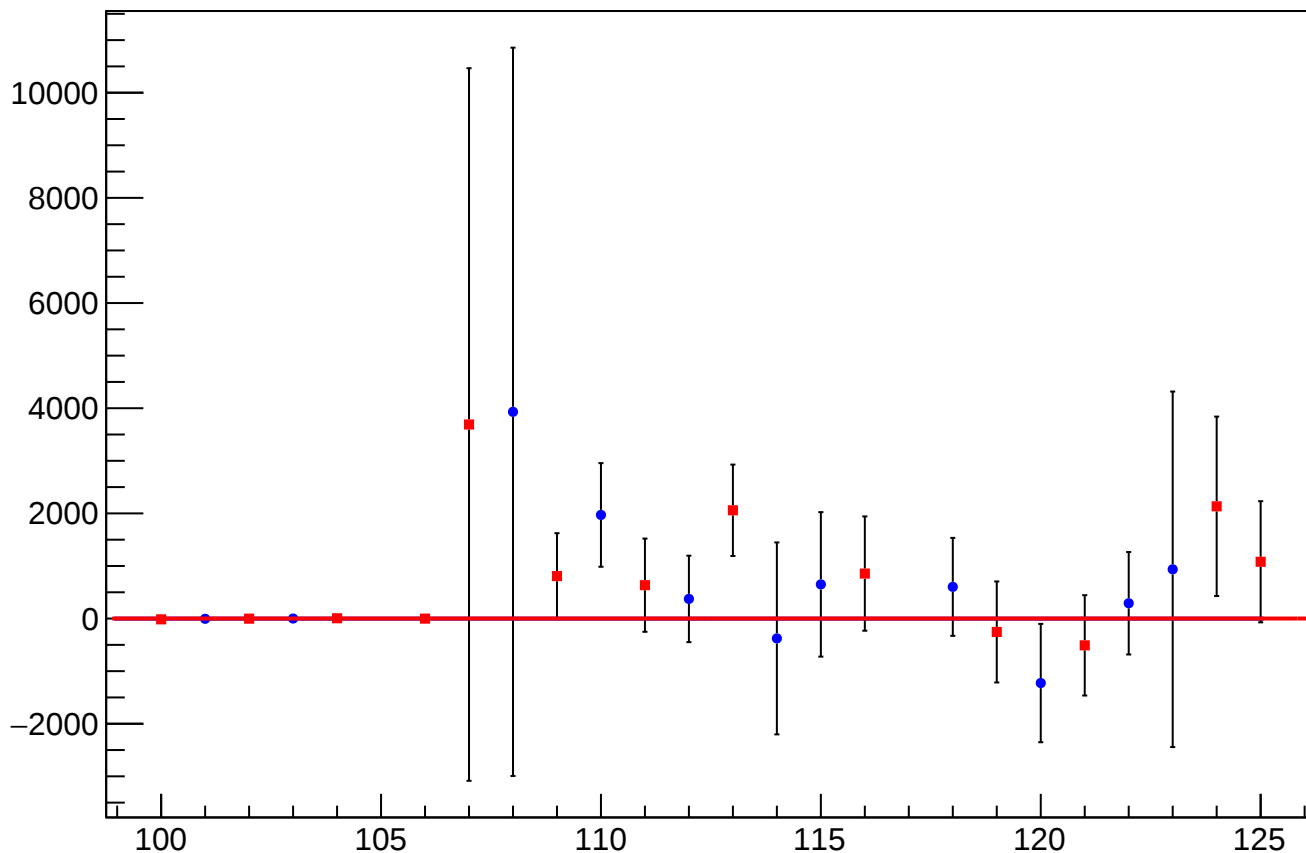
Right: 172.734+/-0.045 χ^2/NDF : 1771268.0/23

In: 181.082+/-0.069 χ^2/NDF : 594091.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.734+/-0.045 χ^2/NDF : 1771268.0/23

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.505 $\pm$ 2.252 χ^2 /NDF: 7.9/10

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

Right Out: 0.740 $\pm$ 2.111 χ^2 /NDF: 16.7/12

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

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

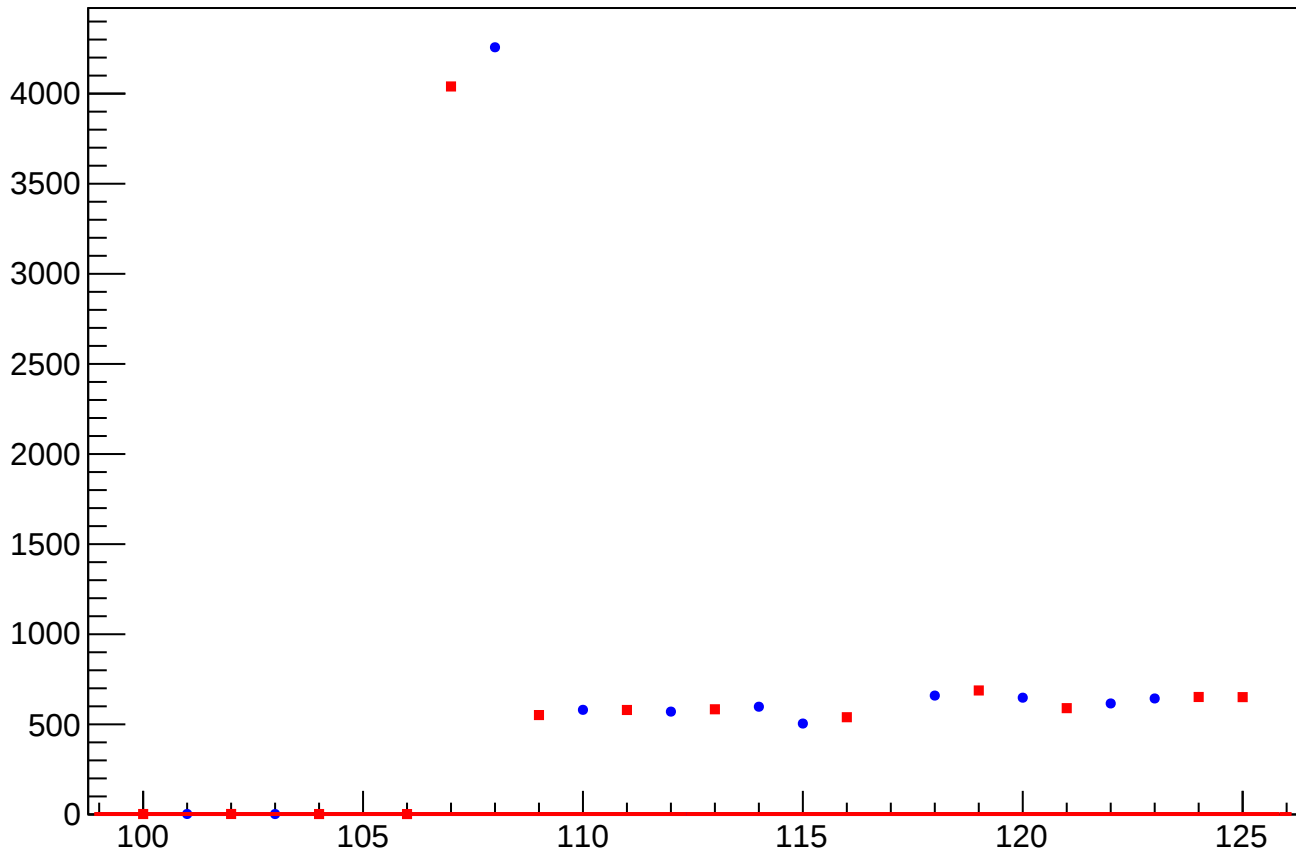
Right: -0.311 $\pm$ 1.540 χ^2 /NDF: 25.2/23

In: -1.505 $\pm$ 2.252 χ^2 /NDF:7.9/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.311 $\pm$ 1.540 χ^2 /NDF: 25.2/23

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.430+/-0.002 χ^2/NDF : 5411770.0/10

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

Right Out: 2.418+/-0.001 χ^2/NDF : 6560660.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

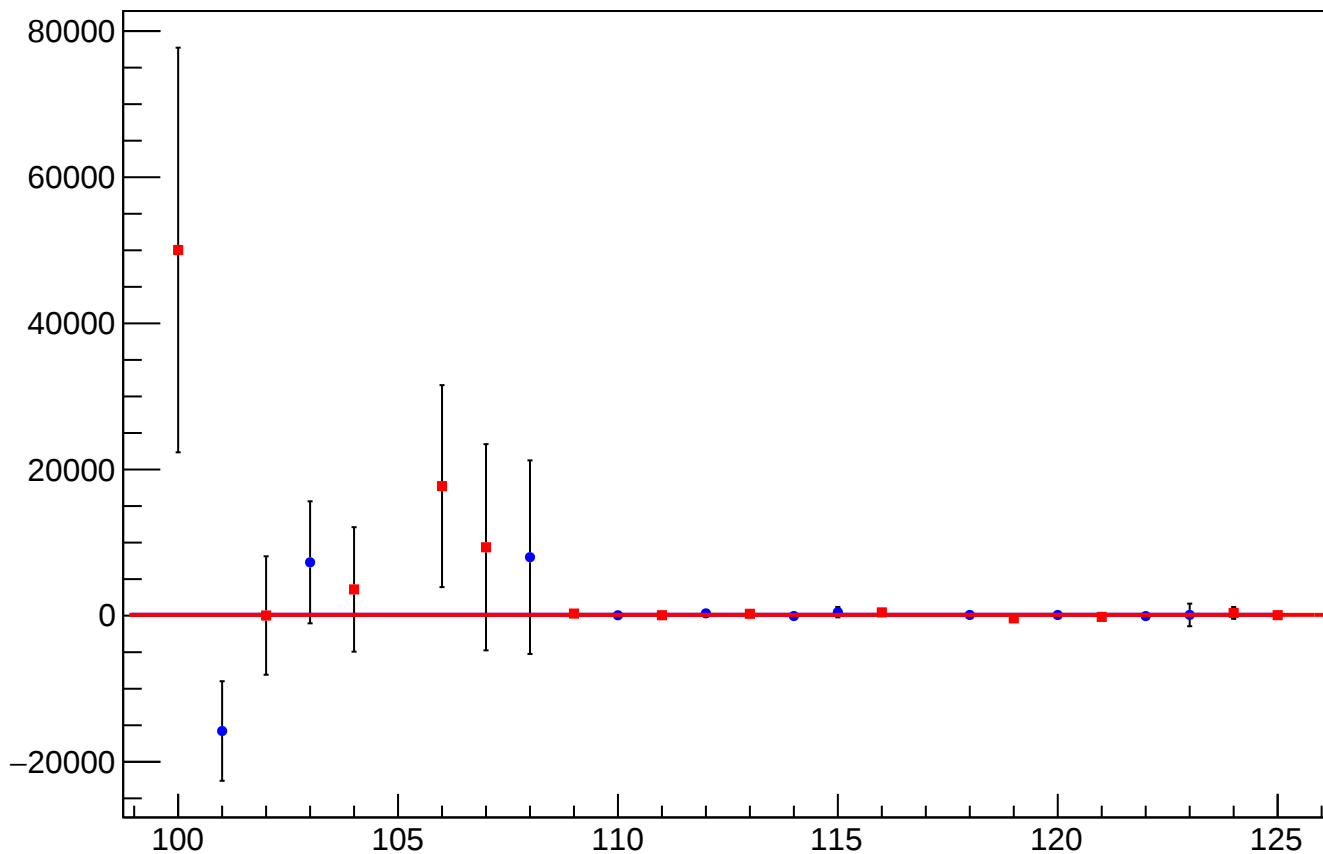
Right: 2.424+/-0.001 χ^2/NDF : 11972462.9/23

In: 2.430+/-0.002 χ^2/NDF : 5411770.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.424+/-0.001 χ^2/NDF : 11972462.9/23

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 124.368+/-113.937 χ^2/NDF : 8.0/10

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

Right Out: 110.763+/-103.195 χ^2/NDF : 10.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

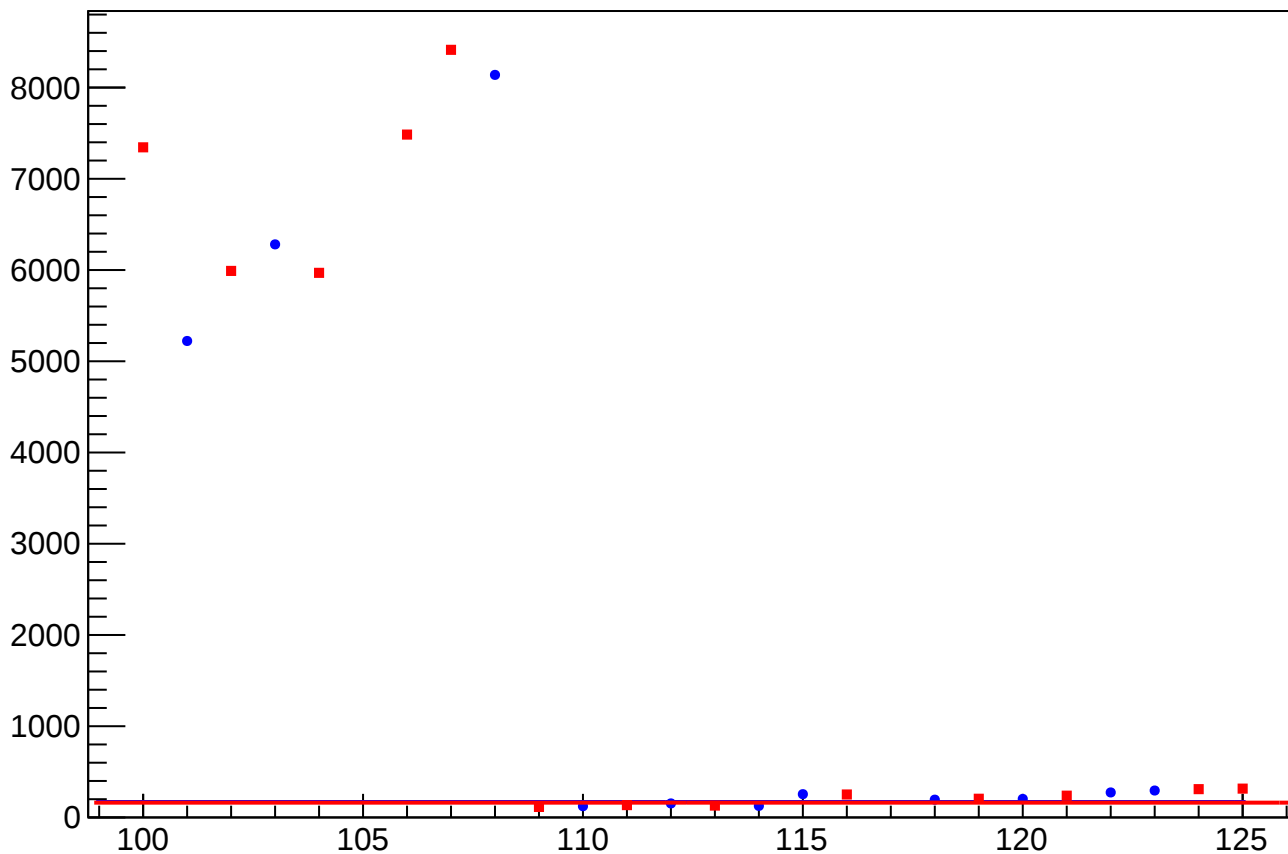
Right: 116.894+/-76.486 χ^2/NDF : 18.6/23

In: 124.368+/-113.937 χ^2/NDF : 8.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.894+/-76.486 χ^2/NDF : 18.6/23

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 169.291+/-0.081 χ^2/NDF : 3213807.3/10

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

Right Out: 162.299+/-0.073 χ^2/NDF : 3904628.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

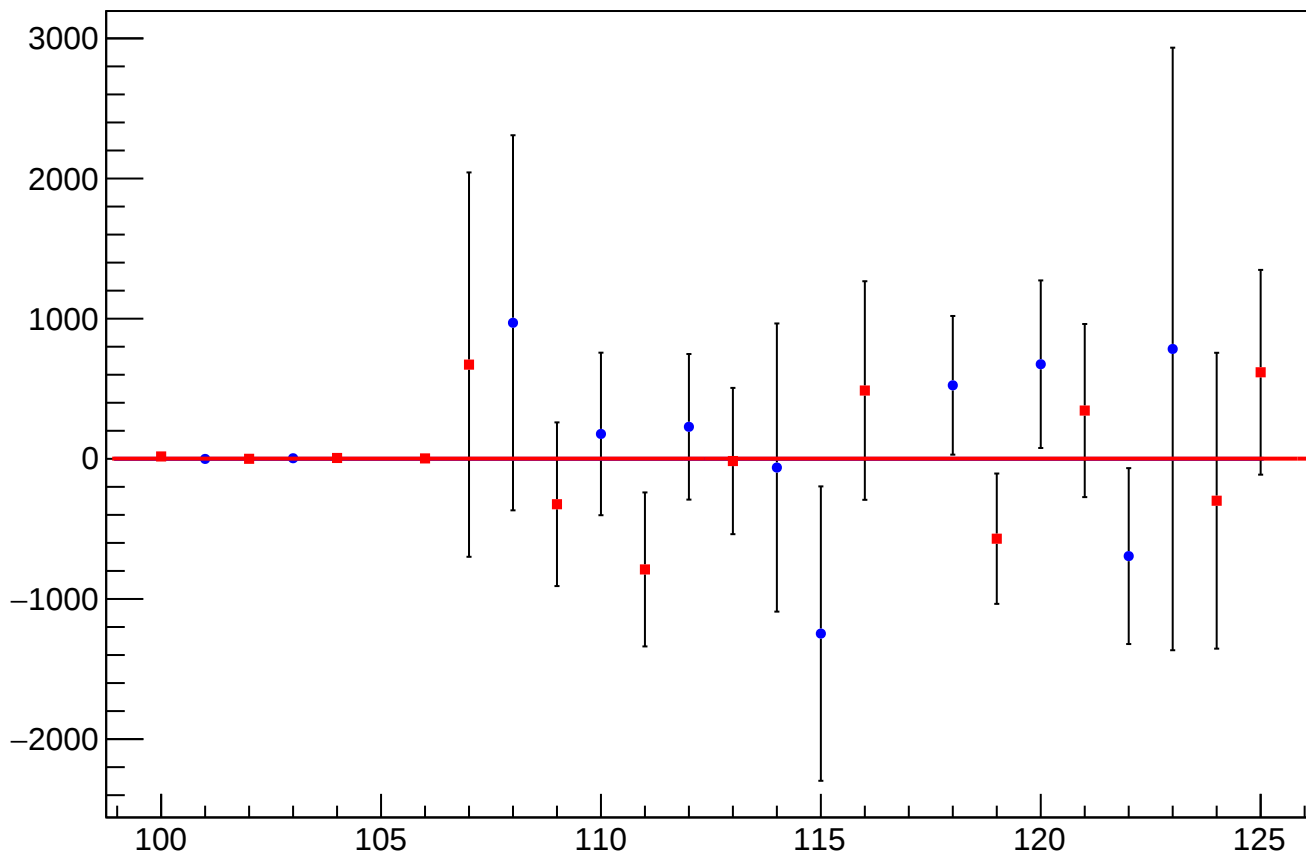
Right: 165.450+/-0.054 χ^2/NDF : 7122574.1/23

In: 169.291+/-0.081 χ^2/NDF :3213807.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 165.450+/-0.054 χ^2/NDF : 7122574.1/23

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.150 ± 1.737 χ^2/NDF : 6.8/10

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

Right Out: 1.325 ± 1.623 χ^2/NDF : 8.3/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

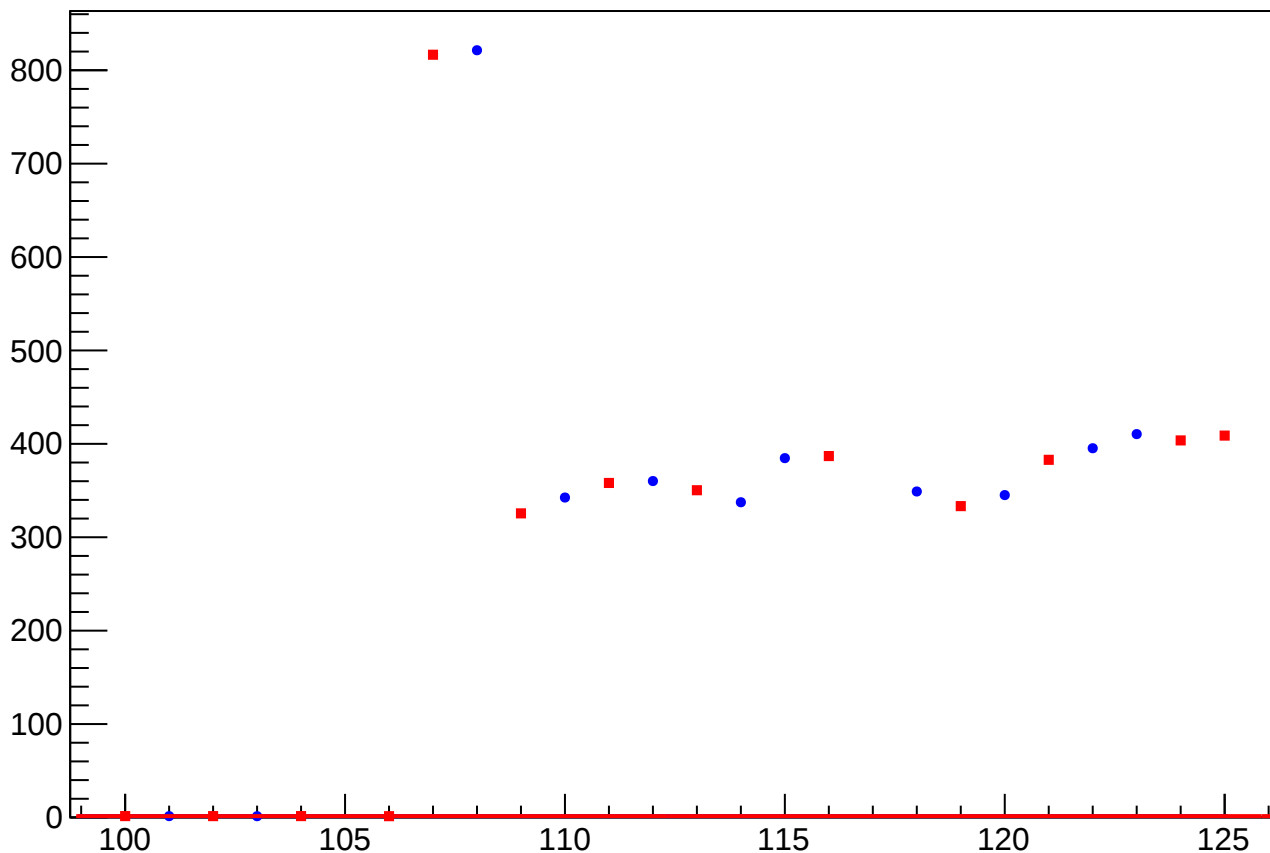
Right: 0.638 ± 1.186 χ^2/NDF : 15.6/23

In: -0.150 ± 1.737 χ^2/NDF : 6.8/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.638 ± 1.186 χ^2/NDF : 15.6/23

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.432+/-0.001 χ^2/NDF : 5385921.2/10

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

Right Out: 1.436+/-0.001 χ^2/NDF : 6243794.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

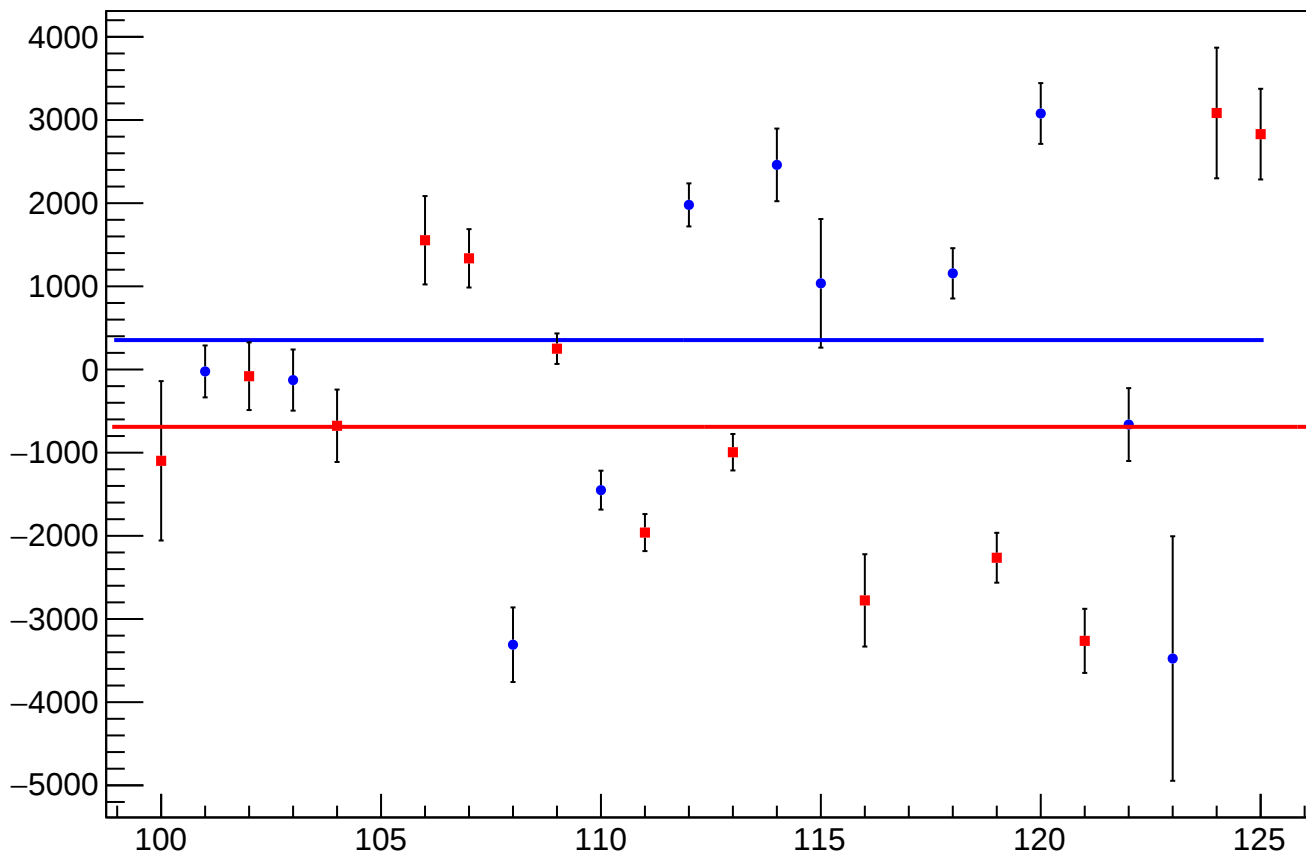
Right: 1.434+/-0.001 χ^2/NDF : 11629720.1/23

In: 1.432+/-0.001 χ^2/NDF : 5385921.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.434+/-0.001 χ^2/NDF : 11629720.1/23

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 353.733+/-107.296 χ^2/NDF : 267.6/10

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

Right Out: -689.446+/-90.946 χ^2/NDF : 265.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

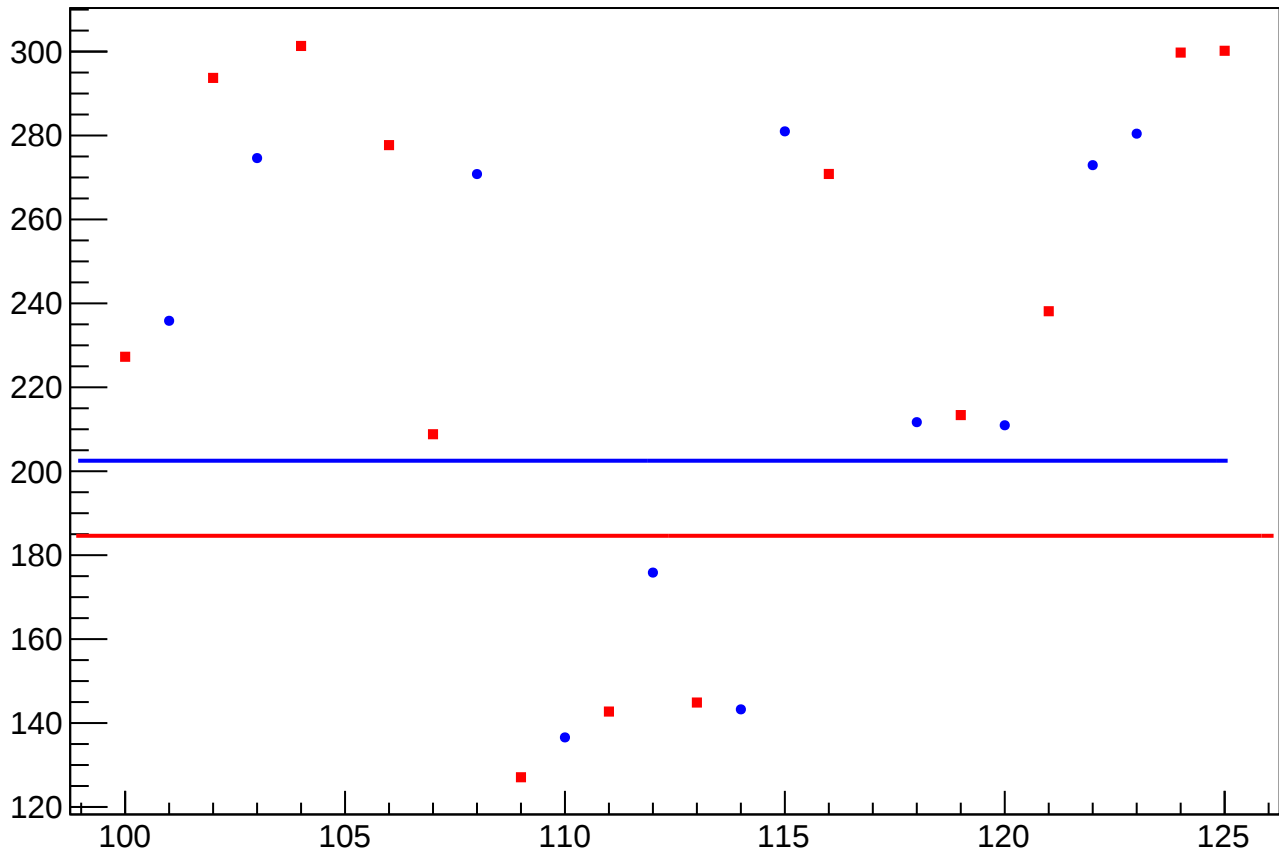
Right: -253.312+/-69.377 χ^2/NDF : 588.2/23

In: 353.733+/-107.296 χ^2/NDF : 267.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -253.312+/-69.377 χ^2/NDF : 588.2/23

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 202.505+/-0.076 χ^2/NDF : 443871.3/10

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

Right Out: 184.619+/-0.064 χ^2/NDF : 933885.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

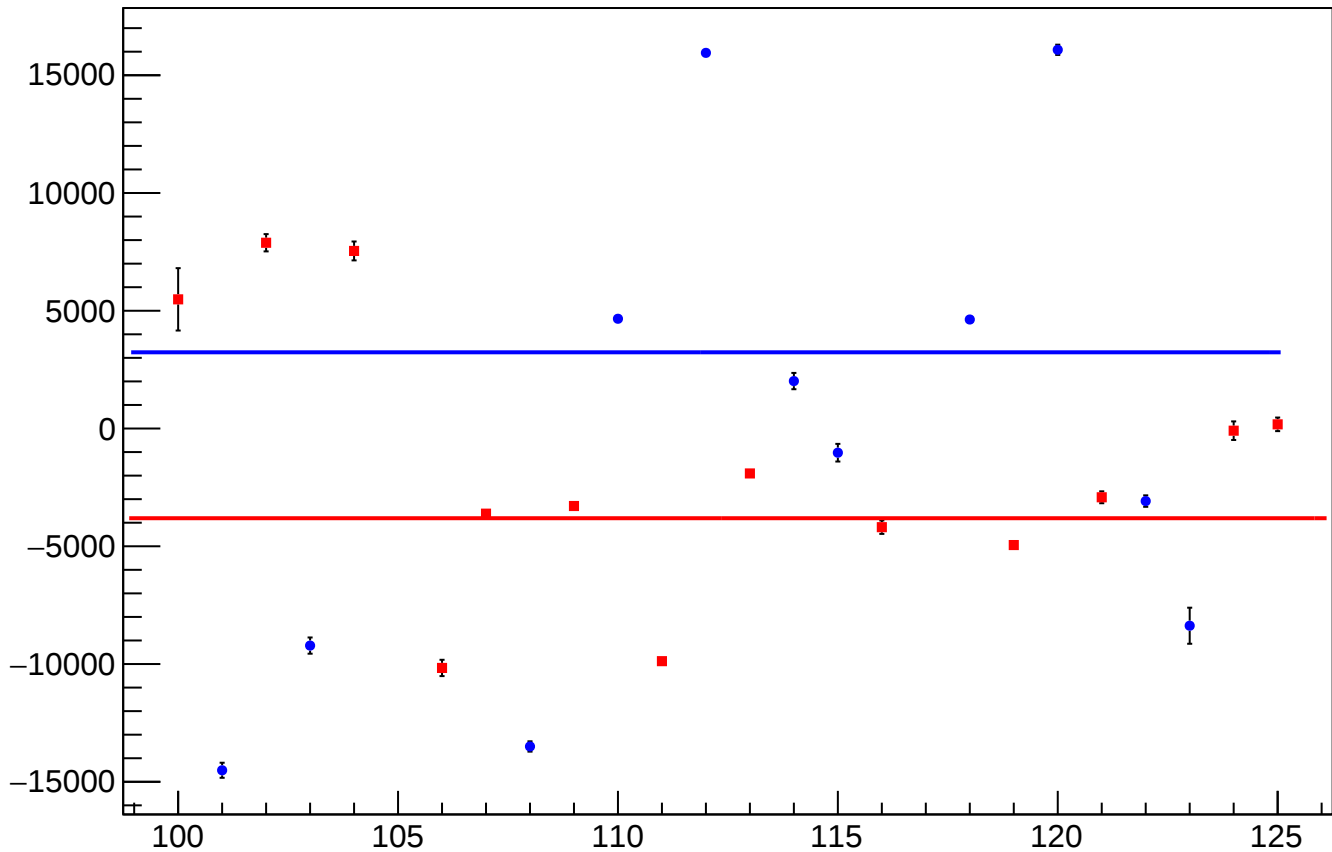
Right: 192.097+/-0.049 χ^2/NDF : 1410096.4/23

In: 202.505+/-0.076 χ^2/NDF : 443871.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.097+/-0.049 χ^2/NDF : 1410096.4/23

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 3235.831+/-71.178 χ^2/NDF : 20330.0/10

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

Right Out: -3808.894+/-64.587 χ^2/NDF : 4190.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

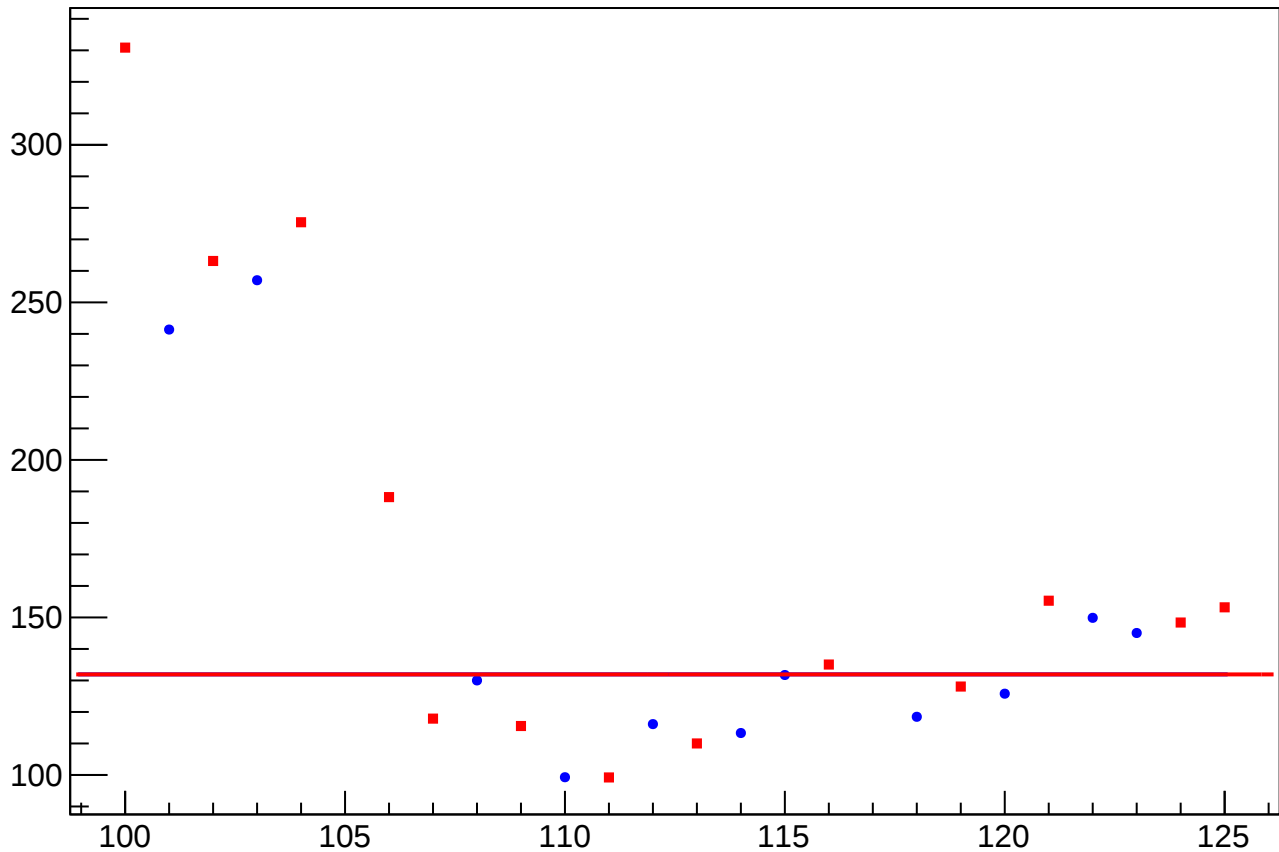
Right: -627.752+/-47.831 χ^2/NDF : 29893.0/23

In: 3235.831+/-71.178 χ^2/NDF : 20330.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -627.752+/-47.831 χ^2/NDF : 29893.0/23

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 131.930+/-0.050 χ^2/NDF : 620170.9/10

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

Right Out: 131.920+/-0.046 χ^2/NDF : 795580.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

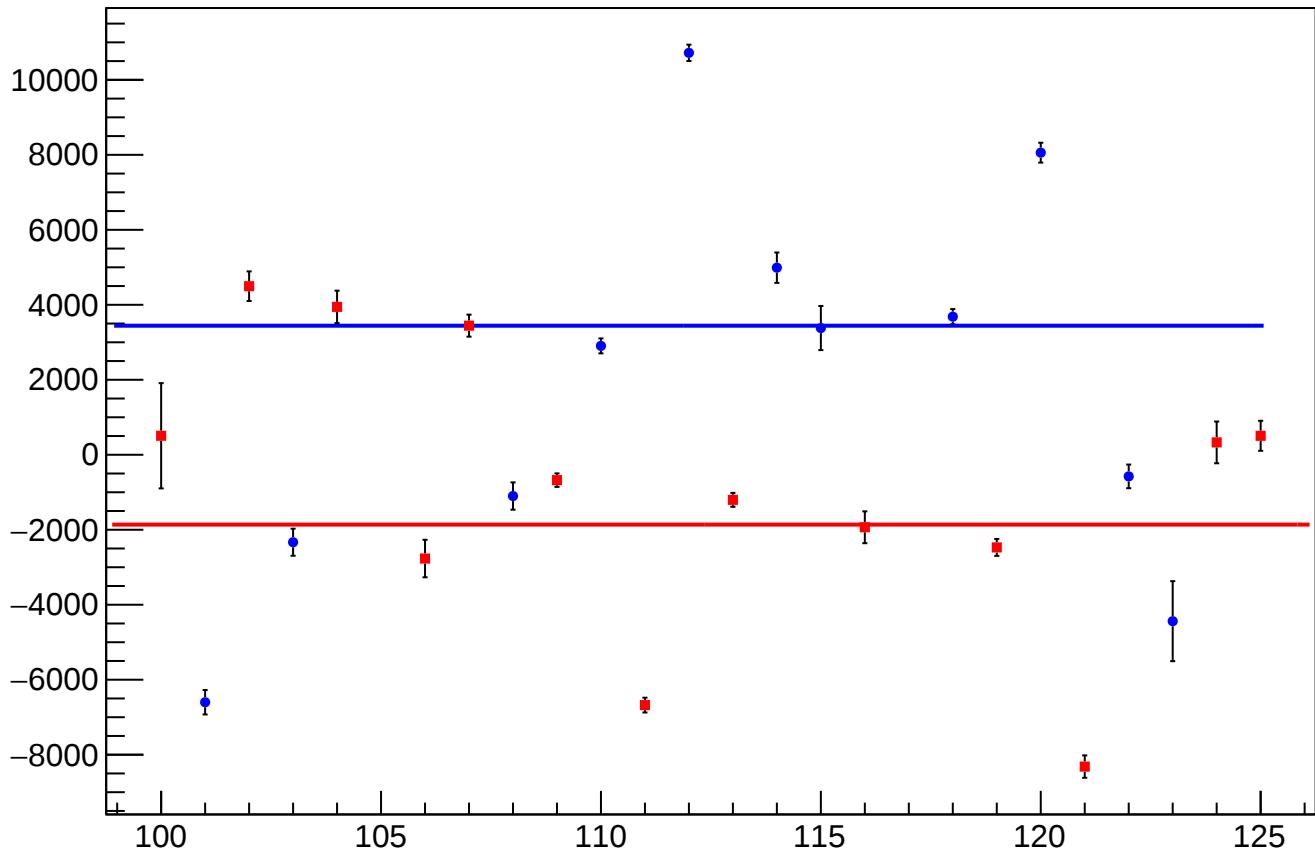
Right: 131.925+/-0.034 χ^2/NDF : 1415751.2/23

In: 131.930+/-0.050 χ^2/NDF :620170.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 131.925+/-0.034 χ^2/NDF : 1415751.2/23

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 3442.519+/-87.931 χ^2/NDF : 3022.7/10

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

Right Out: -1862.877+/-79.242 χ^2/NDF : 1948.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

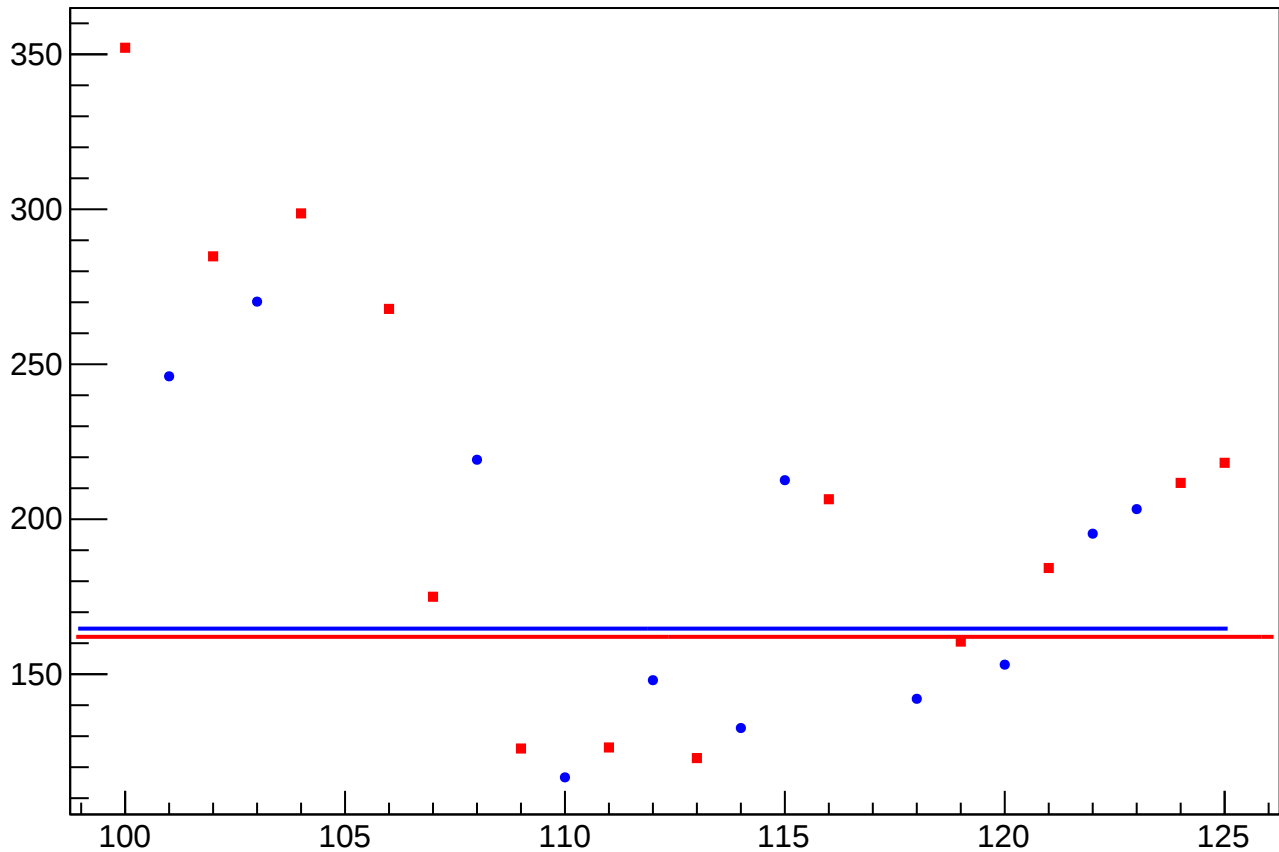
Right: 514.801+/-58.866 χ^2/NDF : 6980.3/23

In: 3442.519+/-87.931 χ^2/NDF : 3022.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 514.801+/-58.866 χ^2/NDF : 6980.3/23

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 164.709+/-0.062 χ^2/NDF : 543673.8/10

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

Right Out: 162.057+/-0.056 χ^2/NDF : 845971.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

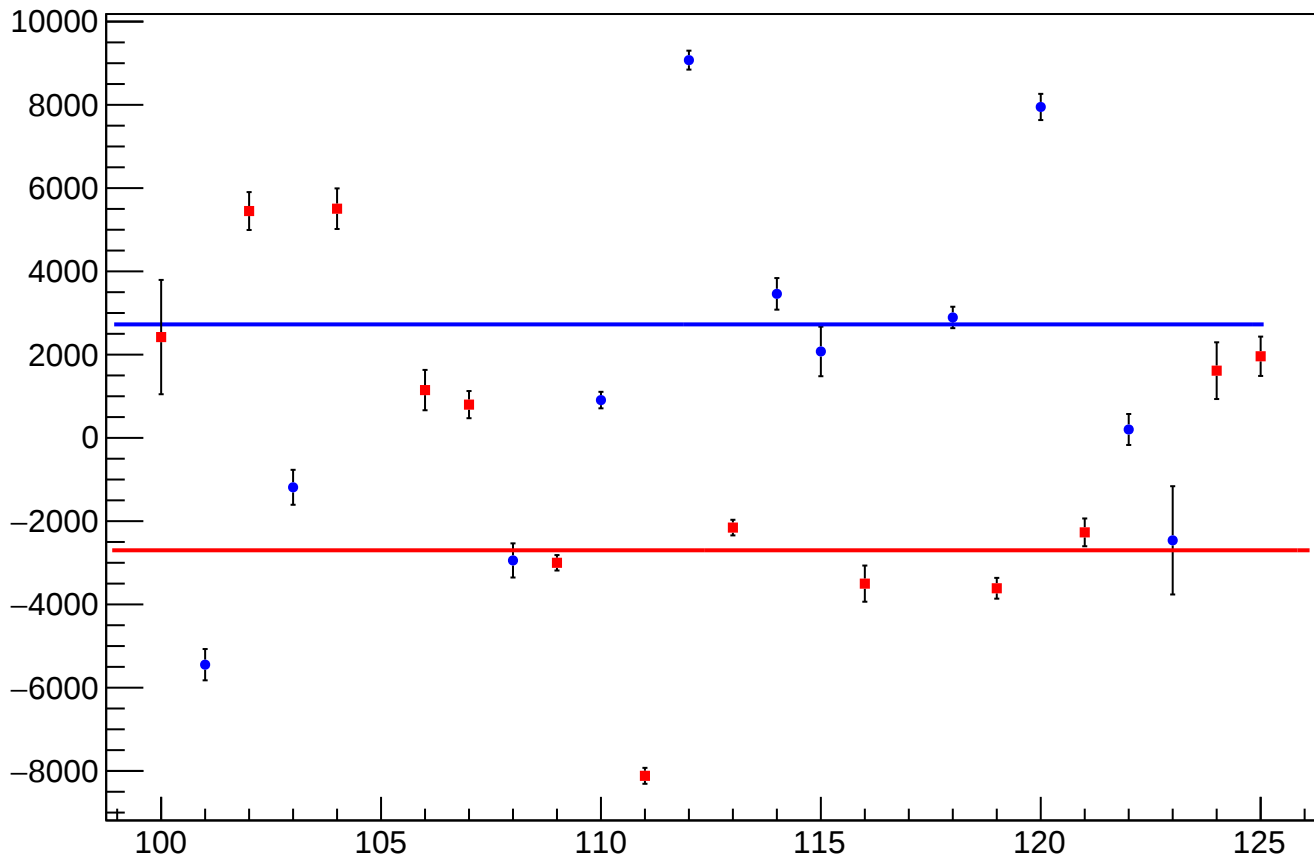
Right: 163.245+/-0.042 χ^2/NDF : 1390649.4/23

In: 164.709+/-0.062 χ^2/NDF : 543673.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.245+/-0.042 χ^2/NDF : 1390649.4/23

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 2726.371+/-96.980 χ^2/NDF : 1957.3/10

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

Right Out: -2699.825+/-83.061 χ^2/NDF : 1763.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

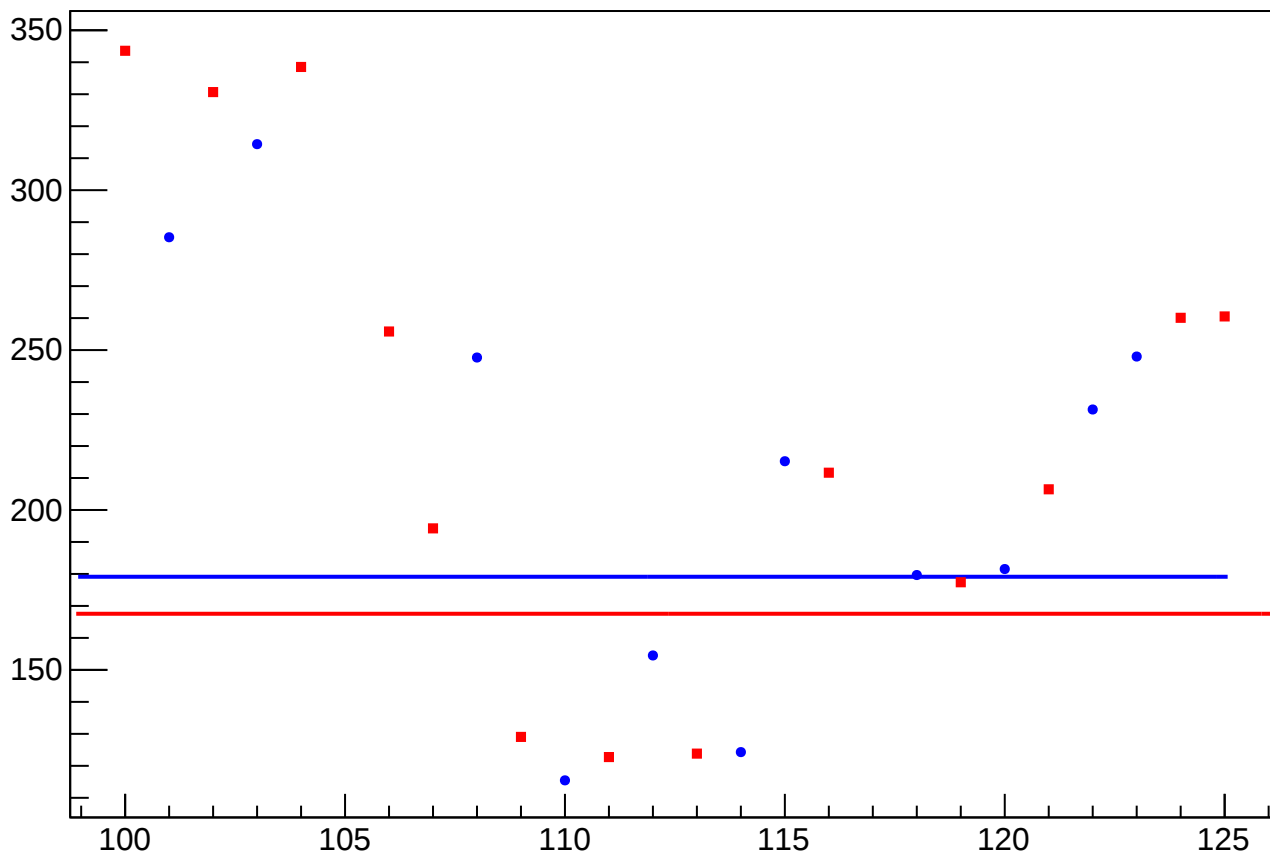
Right: -403.736+/-63.086 χ^2/NDF : 5526.6/23

In: 2726.371+/-96.980 χ^2/NDF : 1957.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -403.736+/-63.086 χ^2/NDF : 5526.6/23

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 179.122+/-0.069 χ^2/NDF : 747345.6/10

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

Right Out: 167.551+/-0.059 χ^2/NDF : 1085367.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

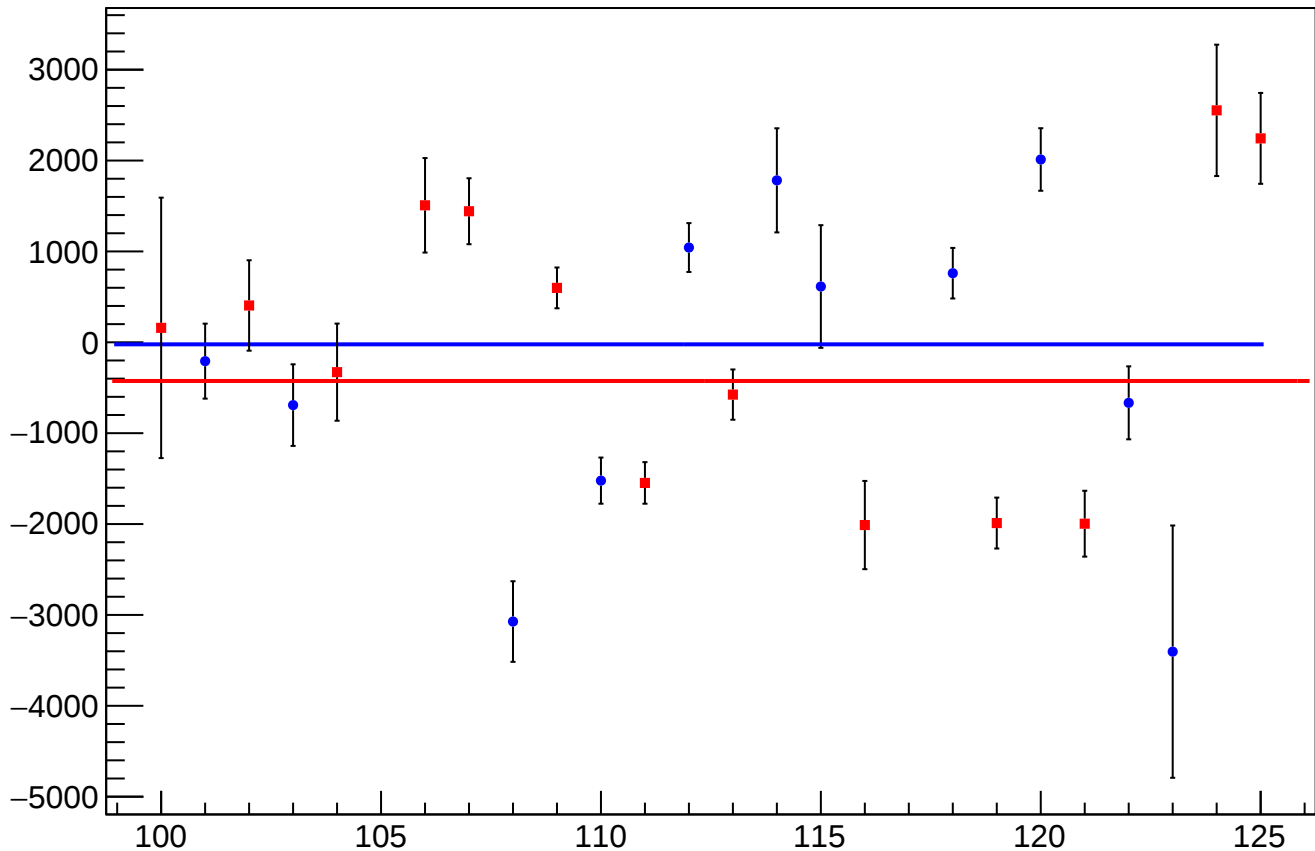
Right: 172.447+/-0.045 χ^2/NDF : 1849137.2/23

In: 179.122+/-0.069 χ^2/NDF : 747345.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.447+/-0.045 χ^2/NDF : 1849137.2/23

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -22.413+/-112.804 χ^2/NDF : 162.5/10

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

Right Out: -425.574+/-99.087 χ^2/NDF : 194.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

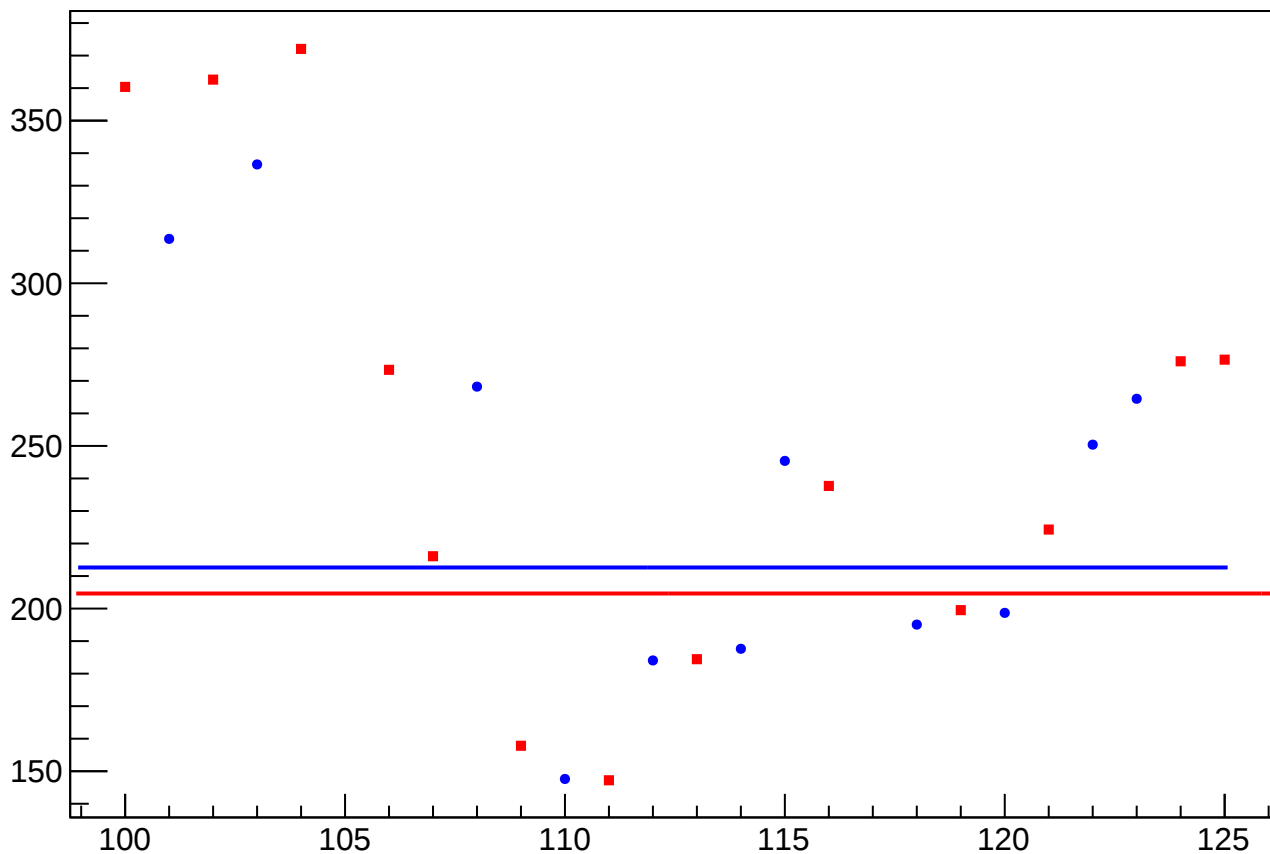
Right: -249.984+/-74.445 χ^2/NDF : 364.2/23

In: -22.413+/-112.804 χ^2/NDF : 162.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -249.984+/-74.445 χ^2/NDF : 364.2/23

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 212.630 ± 0.080 χ^2/NDF : 497598.7/10

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

Right Out: 204.637 ± 0.070 χ^2/NDF : 758846.9/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

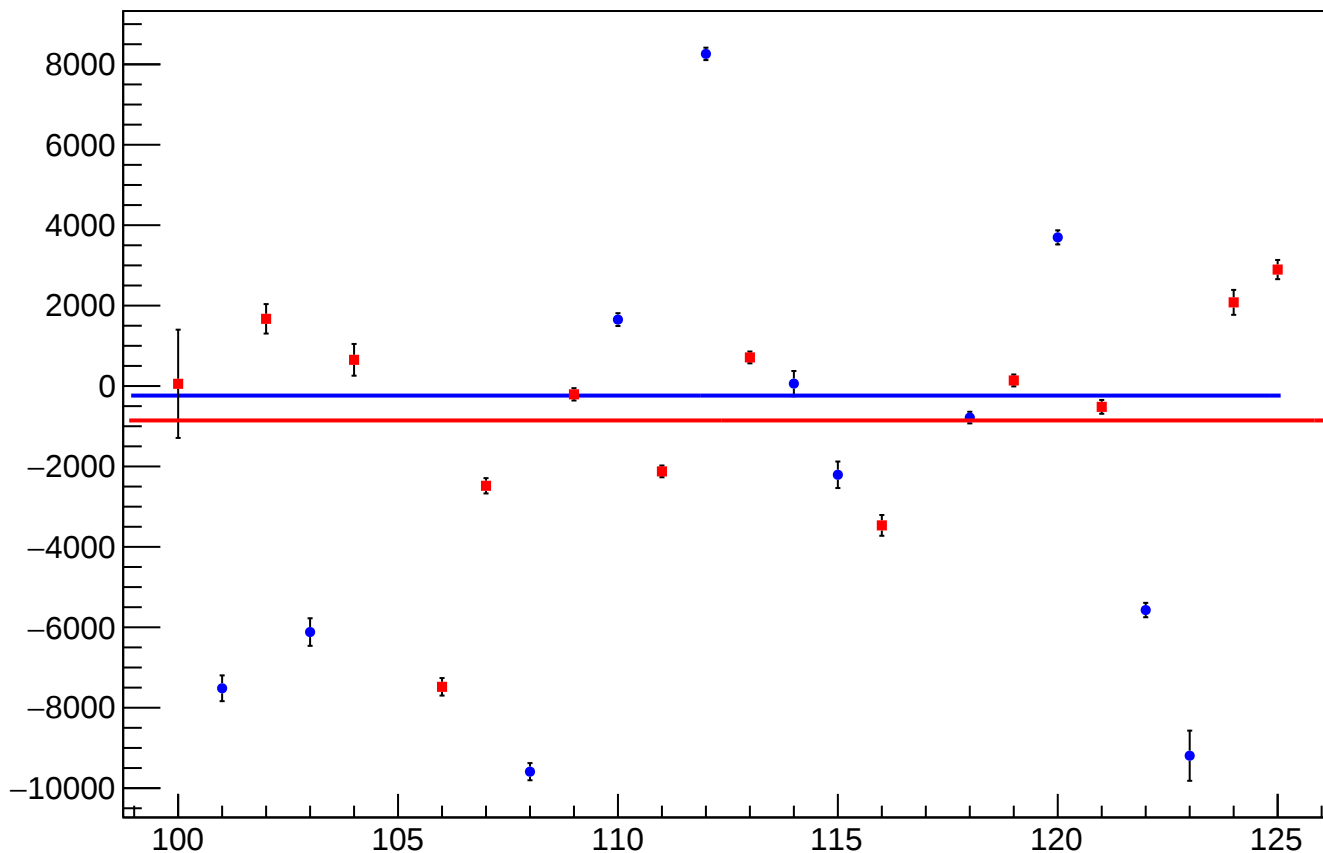
Right: 208.118 ± 0.053 χ^2/NDF : 1262114.4/23

In: 212.630 ± 0.080 χ^2/NDF : 497598.7/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 208.118 ± 0.053 χ^2/NDF : 1262114.4/23

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -237.661+/-62.660 χ^2/NDF : 7544.2/10

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

Right Out: -855.883+/-55.787 χ^2/NDF : 1754.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

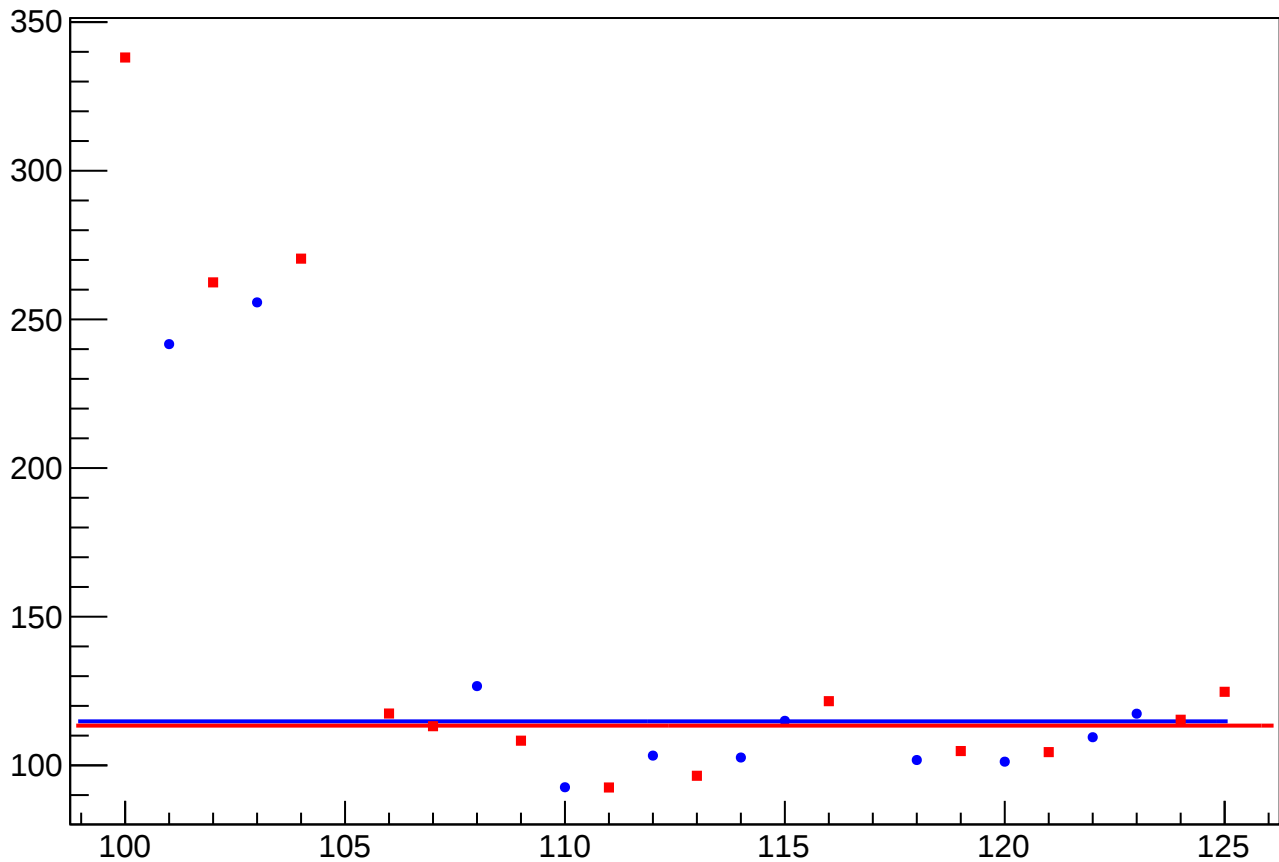
Right: -582.525+/-41.666 χ^2/NDF : 9353.3/23

In: -237.661+/-62.660 χ^2/NDF :7544.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -582.525+/-41.666 χ^2/NDF : 9353.3/23

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 114.794 $\pm$ 0.044 χ^2 /NDF: 739861.6/10

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

Right Out: 113.363 $\pm$ 0.039 χ^2 /NDF: 792075.7/12

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

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

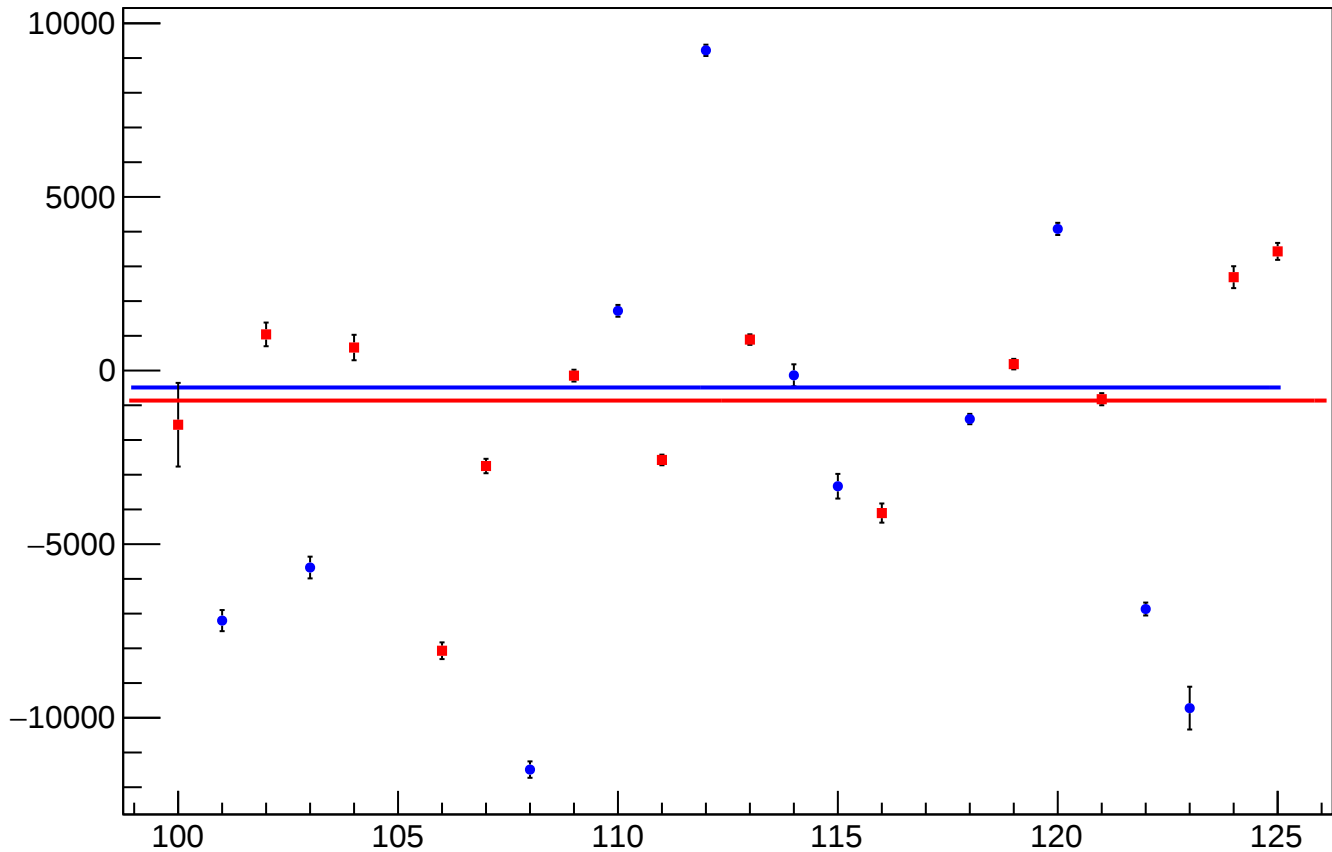
Right: 113.996 $\pm$ 0.029 χ^2 /NDF: 1532518.8/23

In: 114.794 $\pm$ 0.044 χ^2 /NDF:739861.6/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 113.996 $\pm$ 0.029 χ^2 /NDF: 1532518.8/23

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -487.411+/-64.757 χ^2/NDF : 8837.1/10

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

Right Out: -864.361+/-58.255 χ^2/NDF : 1927.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

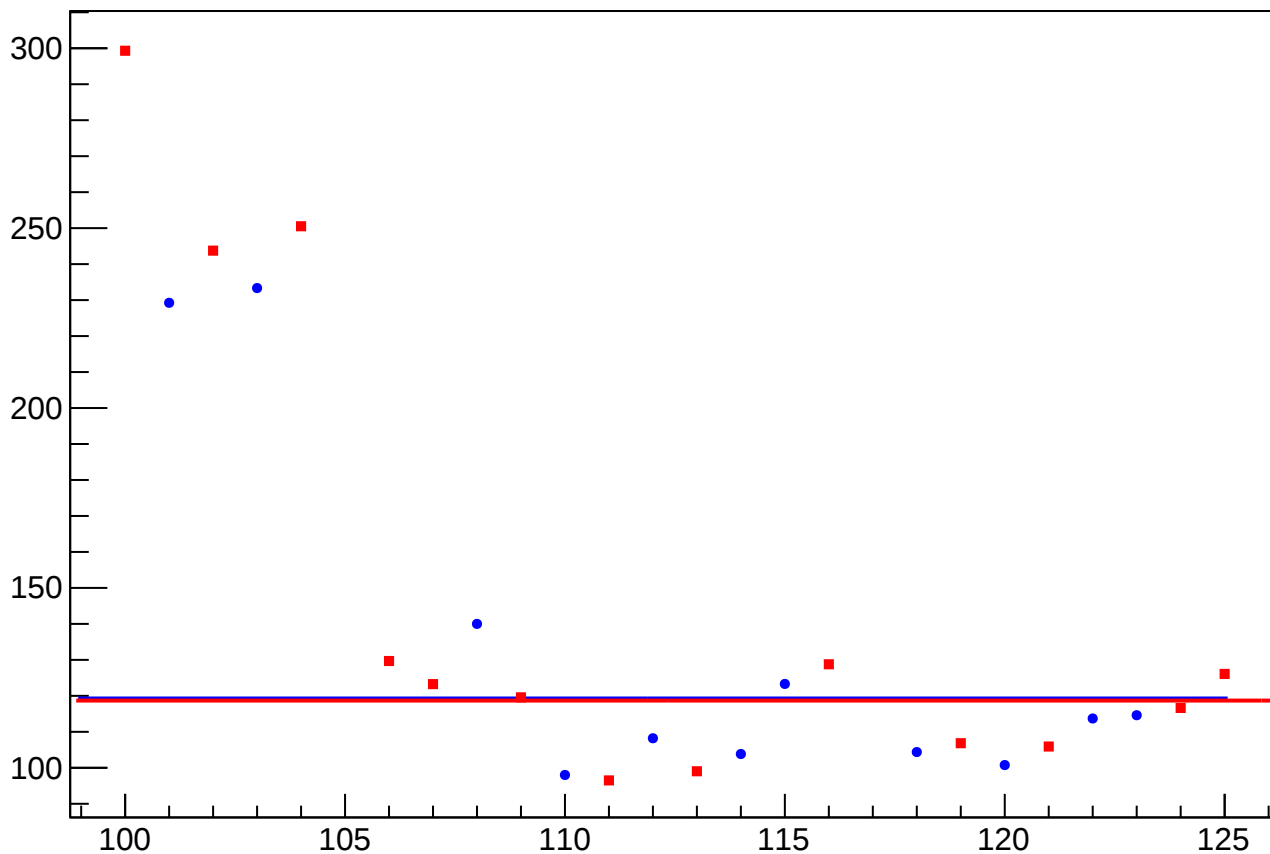
Right: -695.756+/-43.309 χ^2/NDF : 10783.4/23

In: -487.411+/-64.757 χ^2/NDF :8837.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -695.756+/-43.309 χ^2/NDF : 10783.4/23

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 119.262+/-0.046 χ^2/NDF : 632022.7/10

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

Right Out: 118.691+/-0.041 χ^2/NDF : 681276.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

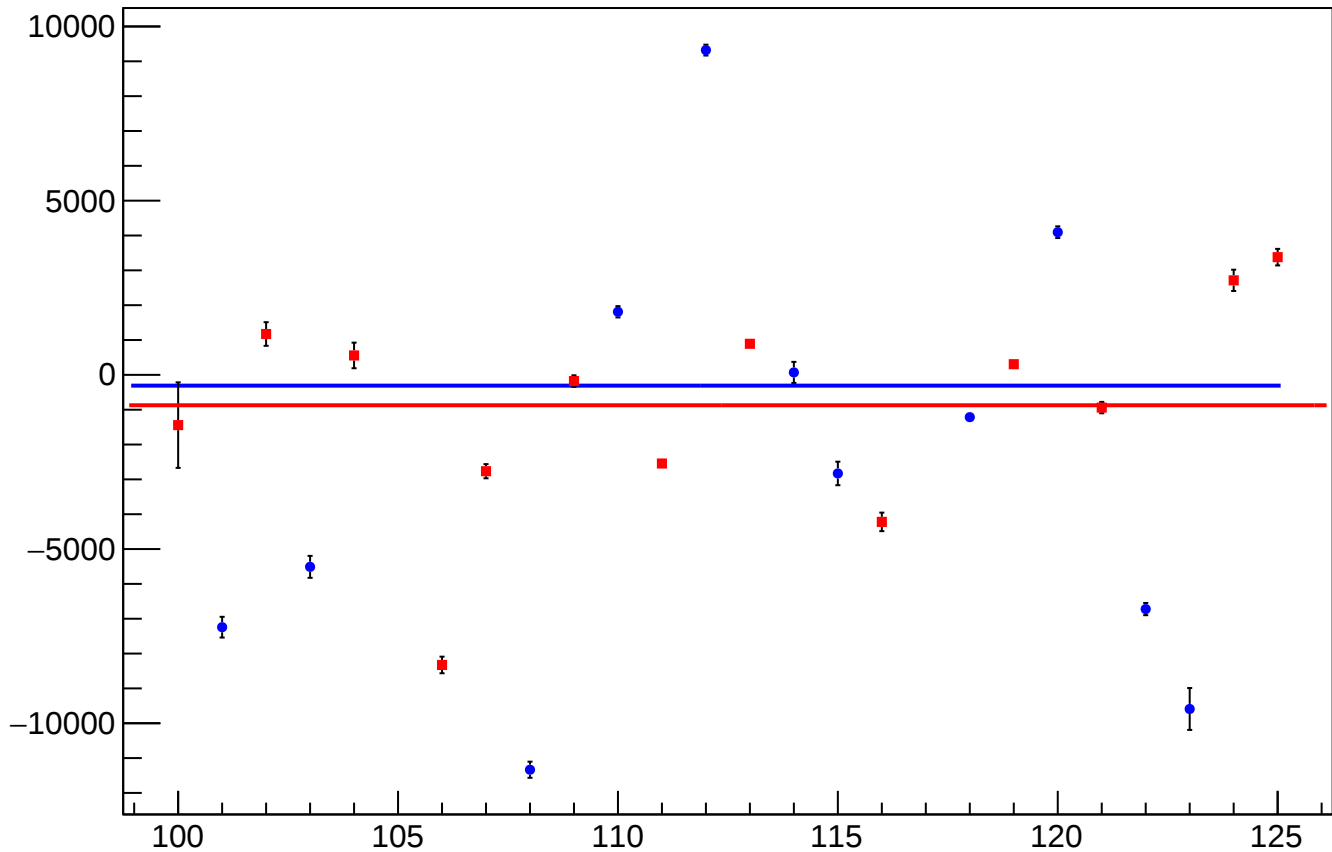
Right: 118.946+/-0.031 χ^2/NDF : 1313385.5/23

In: 119.262+/-0.046 χ^2/NDF : 632022.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.946+/-0.031 χ^2/NDF : 1313385.5/23

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: -309.573+/-62.106 χ^2/NDF : 9440.0/10

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

Right Out: -872.713+/-55.828 χ^2/NDF : 2107.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

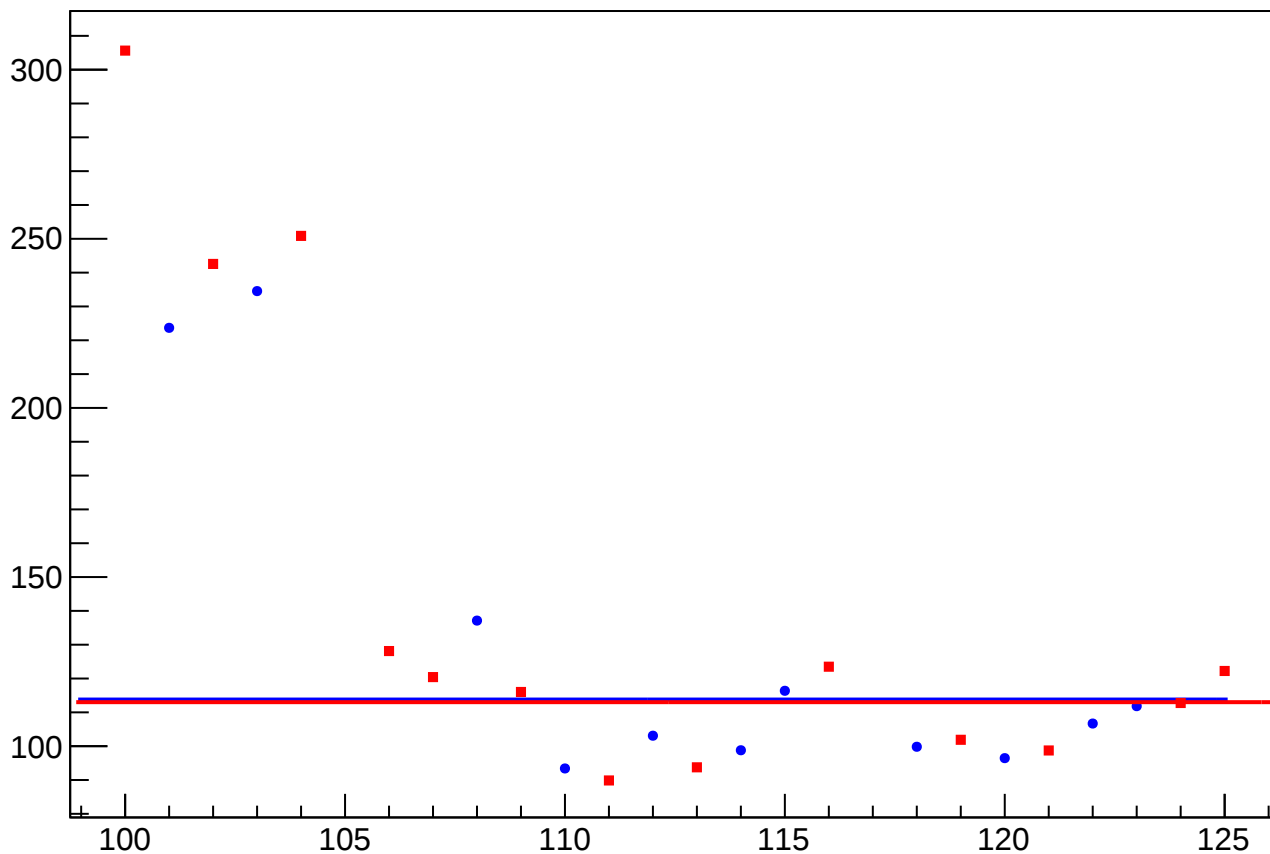
Right: -621.036+/-41.519 χ^2/NDF : 11592.6/23

In: -309.573+/-62.106 χ^2/NDF : 9440.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -621.036+/-41.519 χ^2/NDF : 11592.6/23

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 113.786+/-0.044 χ^2/NDF : 677975.4/10

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

Right Out: 113.011+/-0.039 χ^2/NDF : 755584.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

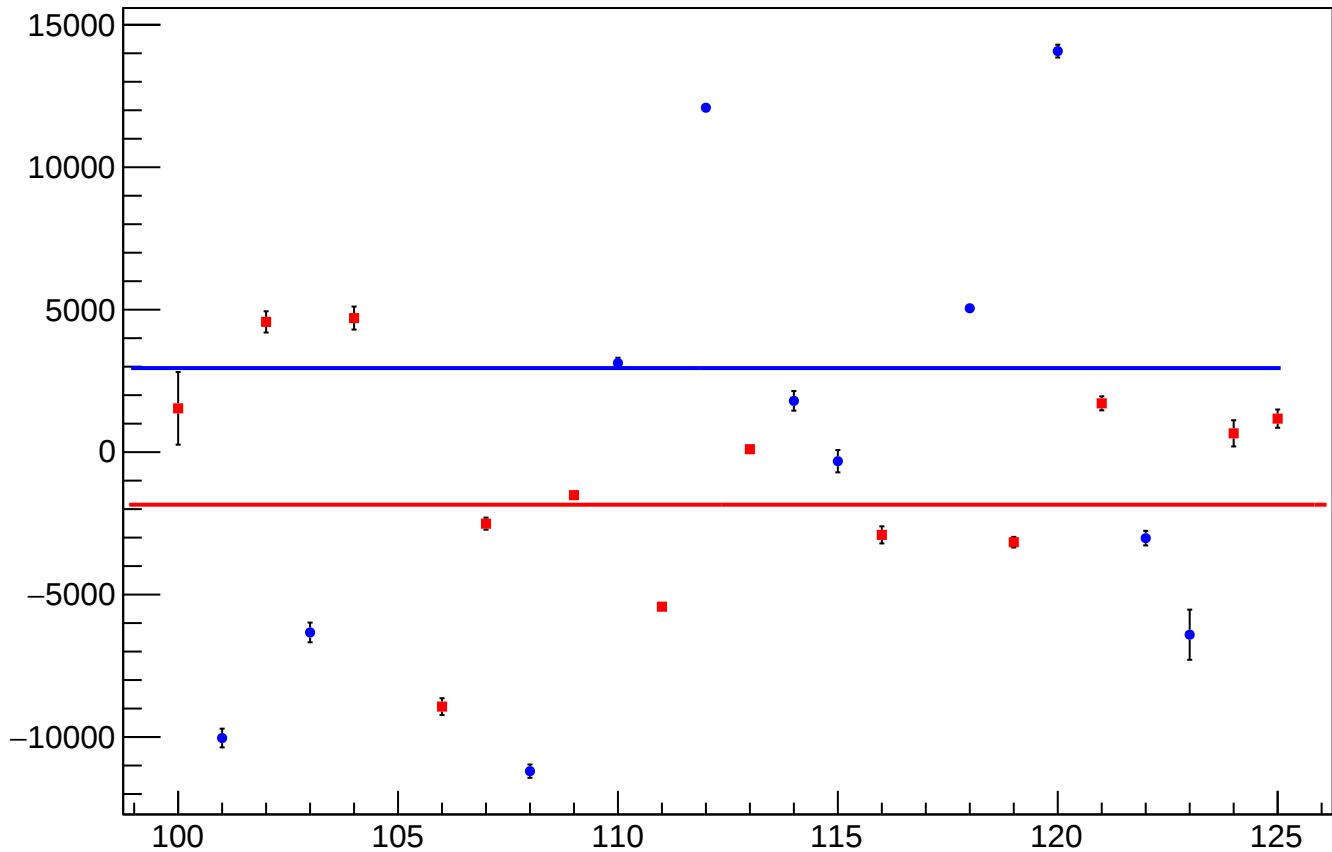
Right: 113.358+/-0.029 χ^2/NDF : 1433731.8/23

In: 113.786+/-0.044 χ^2/NDF :677975.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 113.358+/-0.029 χ^2/NDF : 1433731.8/23

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 2950.650+/-74.236 χ^2/NDF : 12012.3/10

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

Right Out: -1844.772+/-67.169 χ^2/NDF : 2127.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

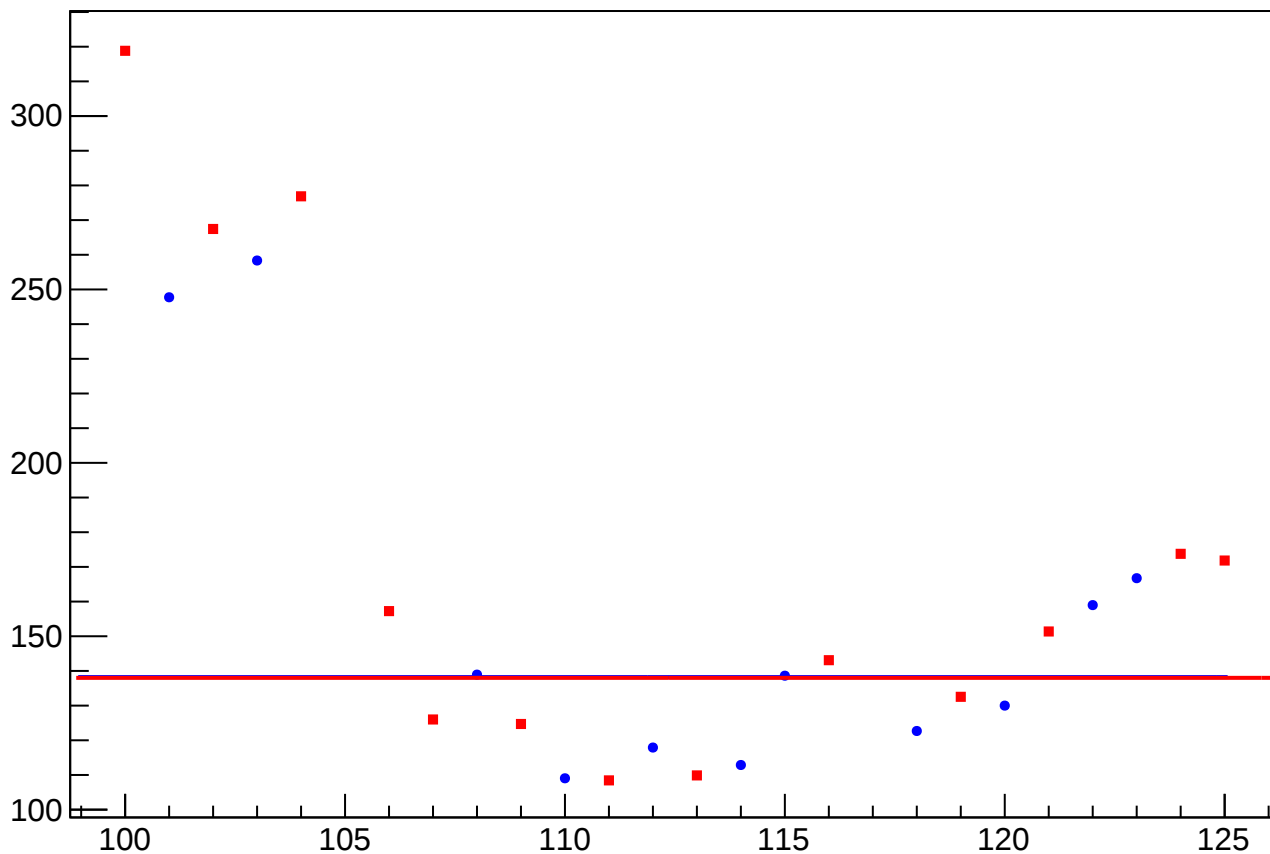
Right: 313.882+/-49.807 χ^2/NDF : 16434.1/23

In: 2950.650+/-74.236 χ^2/NDF : 12012.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 313.882+/-49.807 χ^2/NDF : 16434.1/23

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 138.224+/-0.052 χ^2/NDF : 583434.2/10

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

Right Out: 138.007+/-0.047 χ^2/NDF : 704434.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

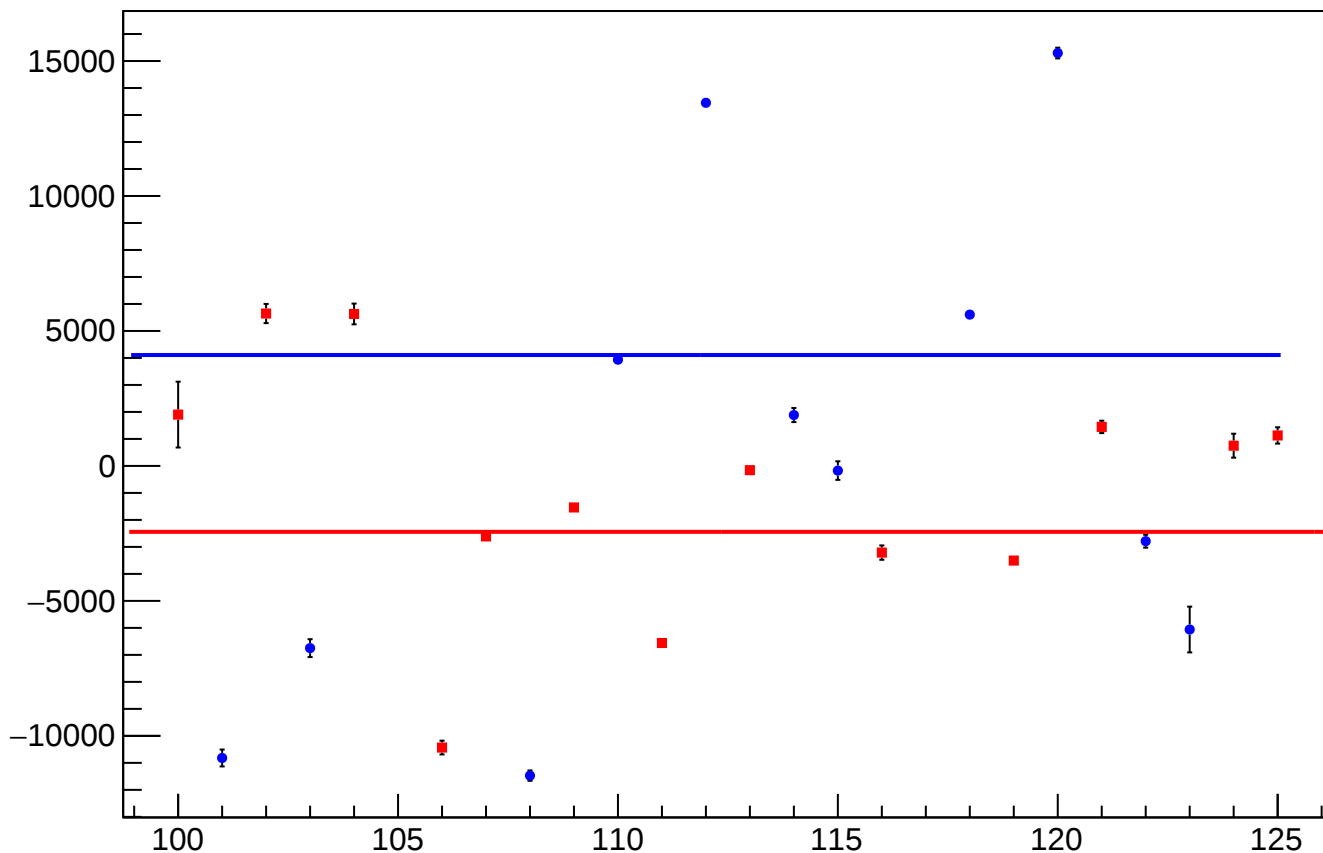
Right: 138.105+/-0.035 χ^2/NDF : 1287877.9/23

In: 138.224+/-0.052 χ^2/NDF : 583434.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.105+/-0.035 χ^2/NDF : 1287877.9/23

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 4108.169+/-60.762 χ^2/NDF : 19364.4/10

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

Right Out: -2441.569+/-54.393 χ^2/NDF : 4001.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

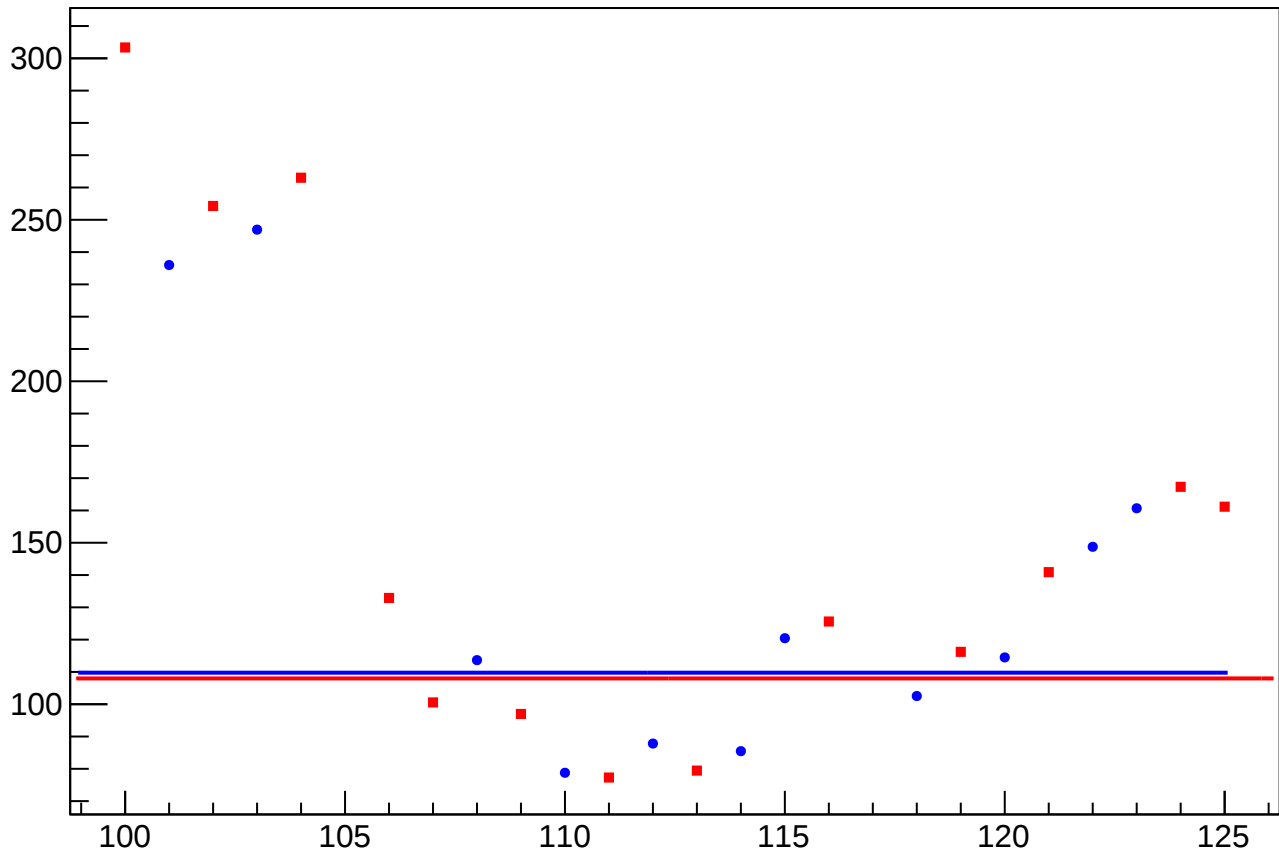
Right: 472.126+/-40.527 χ^2/NDF : 29816.4/23

In: 4108.169+/-60.762 χ^2/NDF :19364.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 472.126+/-40.527 χ^2/NDF : 29816.4/23

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 109.763+/-0.043 χ^2/NDF : 910909.9/10

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

Right Out: 107.992+/-0.038 χ^2/NDF : 1138912.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

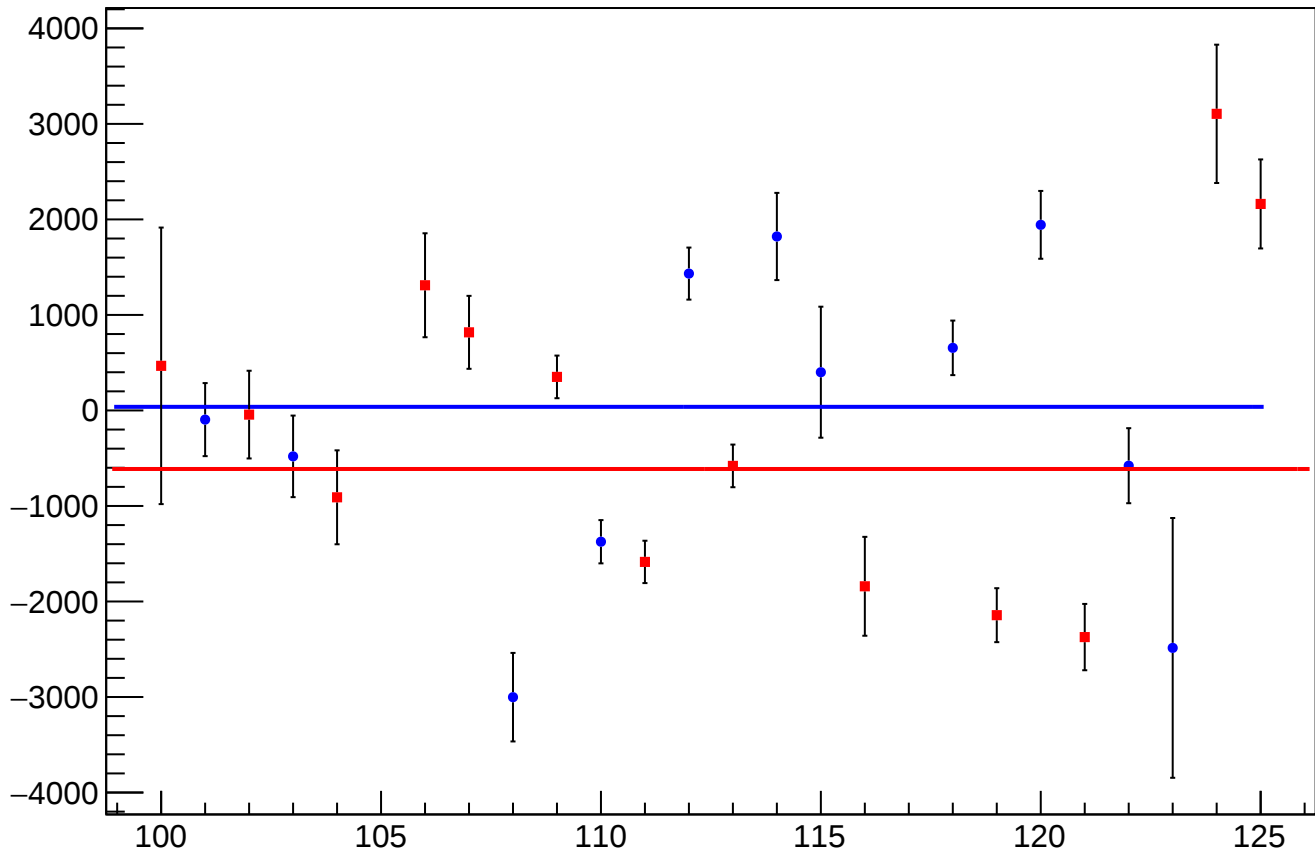
Right: 108.780+/-0.029 χ^2/NDF : 2050765.5/23

In: 109.763+/-0.043 χ^2/NDF : 910909.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.780+/-0.029 χ^2/NDF : 2050765.5/23

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 37.842+/-109.047 χ^2/NDF : 164.6/10

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

Right Out: -612.806+/-94.847 χ^2/NDF : 189.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

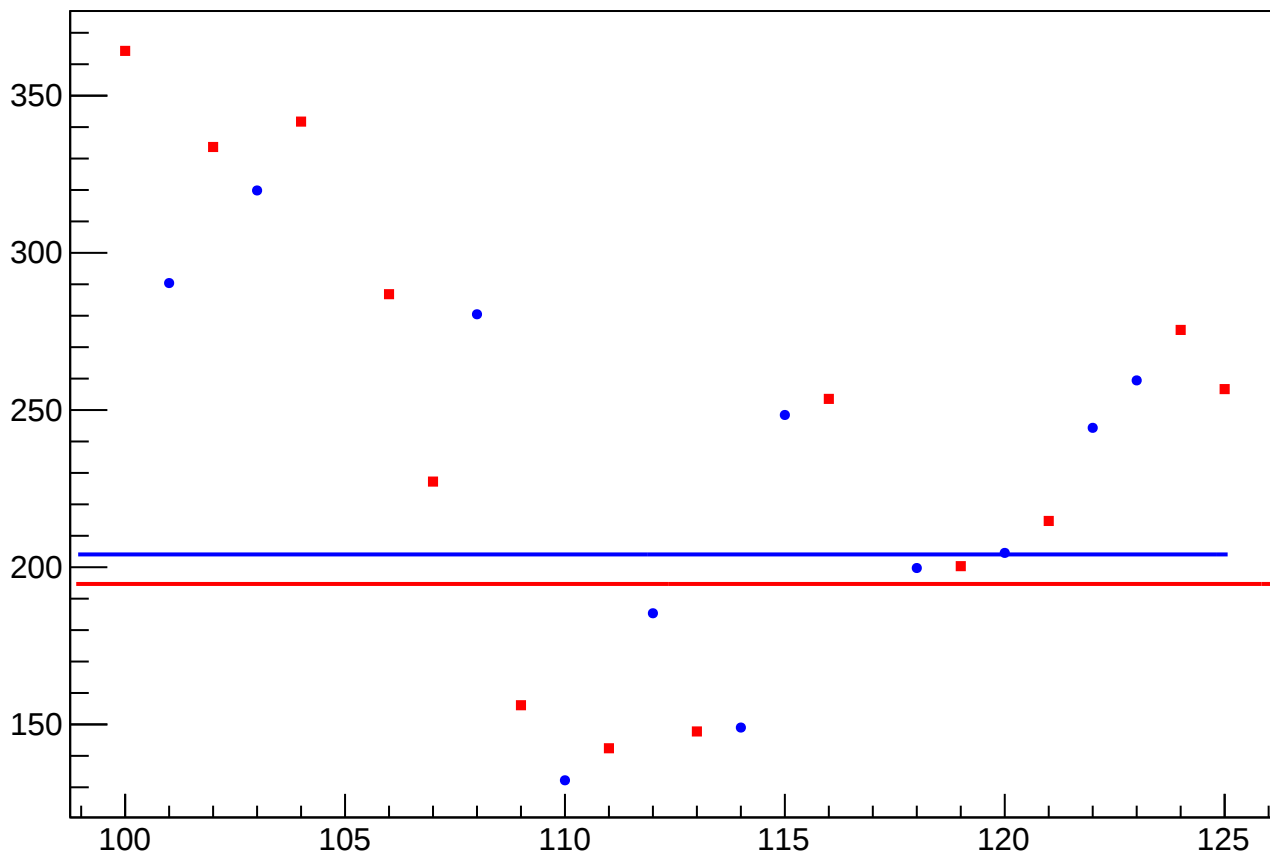
Right: -332.578+/-71.564 χ^2/NDF : 374.3/23

In: 37.842+/-109.047 χ^2/NDF : 164.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -332.578+/-71.564 χ^2/NDF : 374.3/23

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 204.071+/-0.077 χ^2/NDF : 576331.8/10

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

Right Out: 194.680+/-0.067 χ^2/NDF : 814473.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

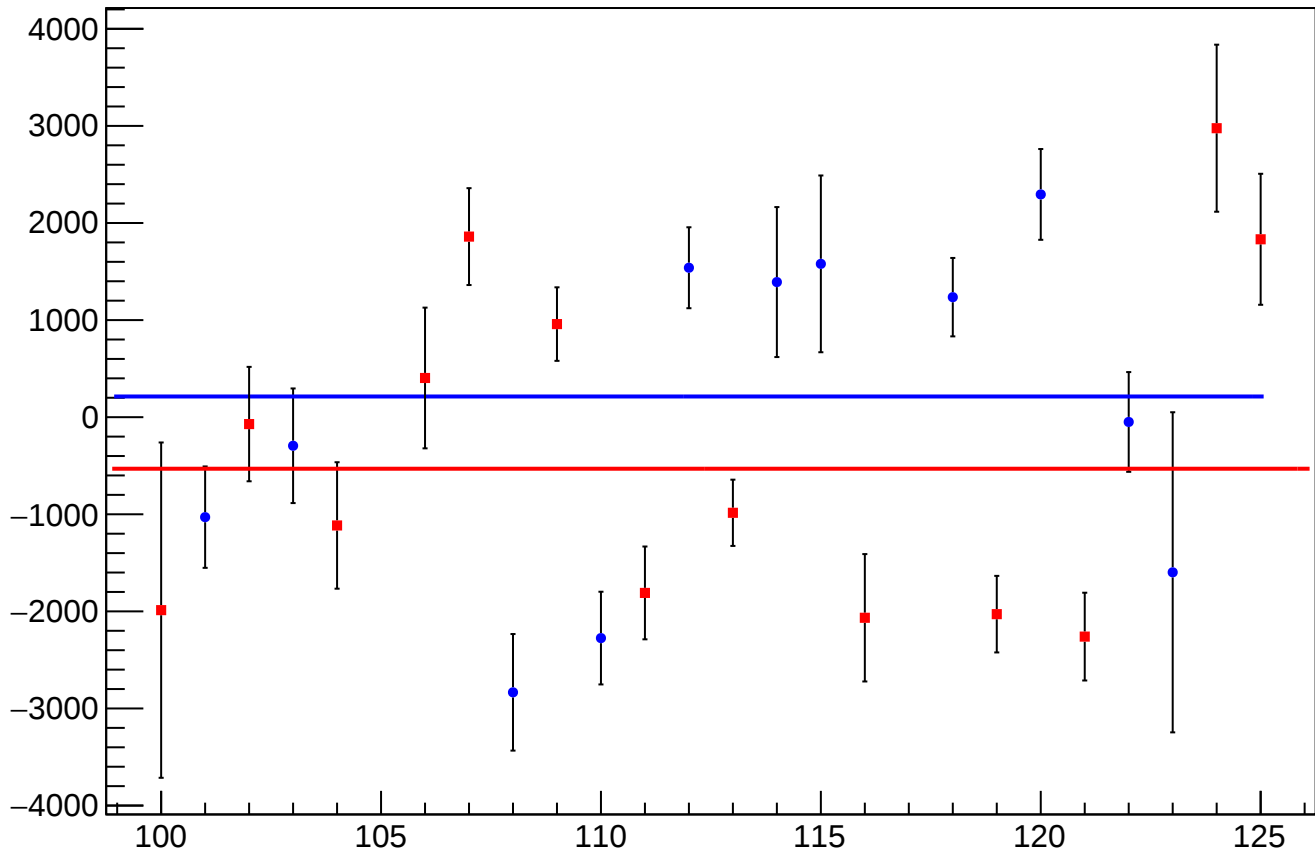
Right: 198.725+/-0.051 χ^2/NDF : 1399251.2/23

In: 204.071+/-0.077 χ^2/NDF : 576331.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 198.725+/-0.051 χ^2/NDF : 1399251.2/23

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 213.223+/-163.952 χ^2/NDF : 101.7/10

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

Right Out: -530.840+/-143.388 χ^2/NDF : 114.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

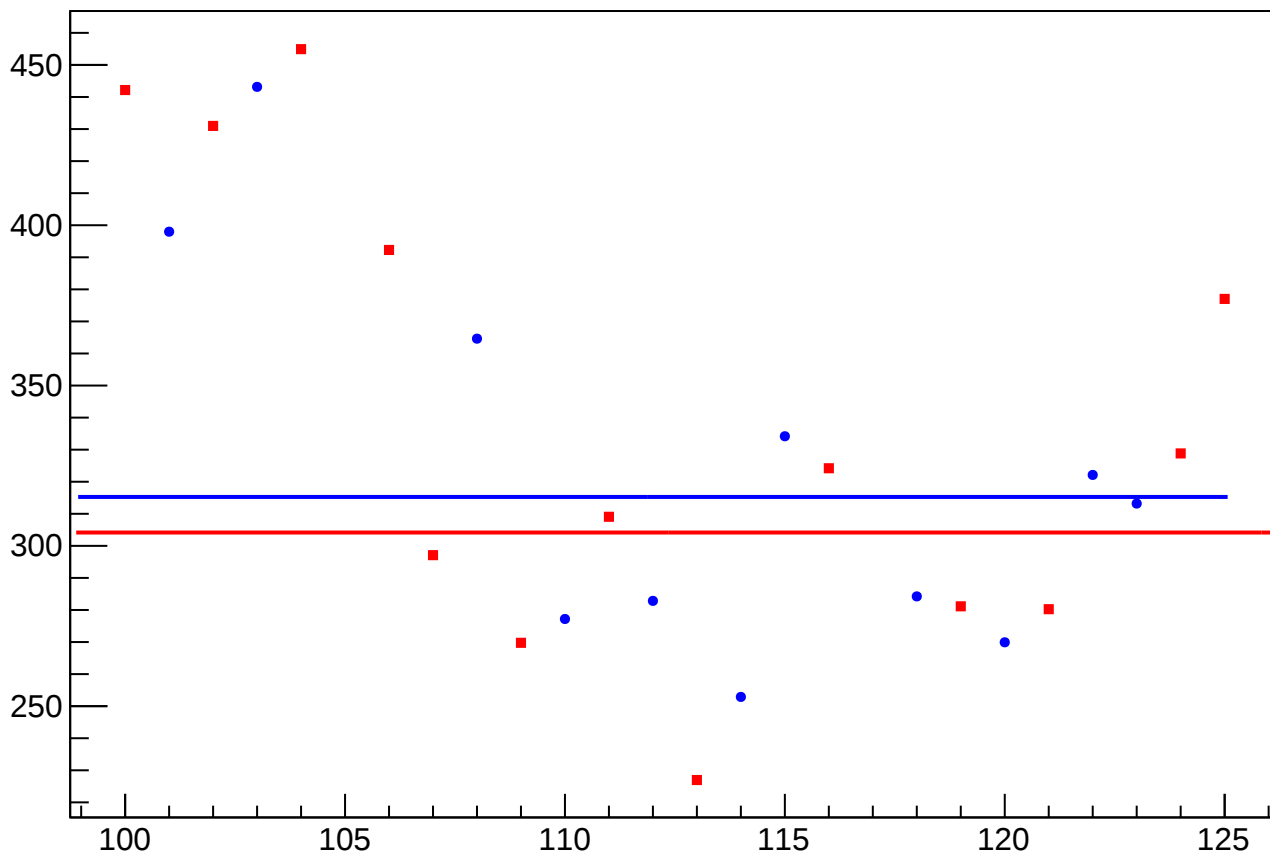
Right: -208.372+/-107.933 χ^2/NDF : 228.0/23

In: 213.223+/-163.952 χ^2/NDF : 101.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -208.372+/-107.933 χ^2/NDF : 228.0/23

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 315.255+/-0.116 χ^2/NDF : 227307.9/10

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

Right Out: 304.160+/-0.101 χ^2/NDF : 400923.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

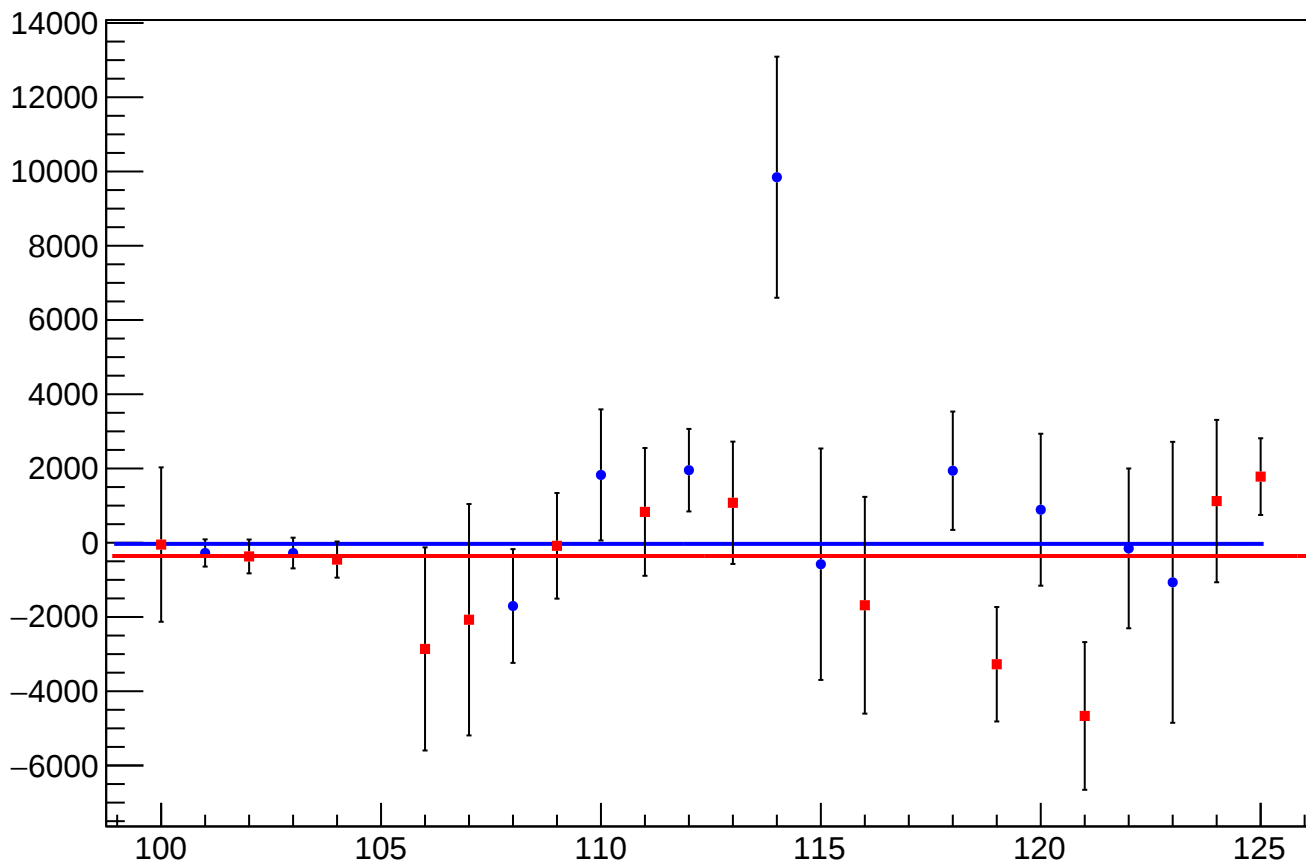
Right: 308.968+/-0.076 χ^2/NDF : 633421.0/23

In: 315.255+/-0.116 χ^2/NDF : 227307.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 308.968+/-0.076 χ^2/NDF : 633421.0/23

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -30.583 ± 250.332 $\chi^2/\text{NDF}: 17.4/10$

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

Right Out: -357.168 ± 281.156 $\chi^2/\text{NDF}: 15.7/12$

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

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

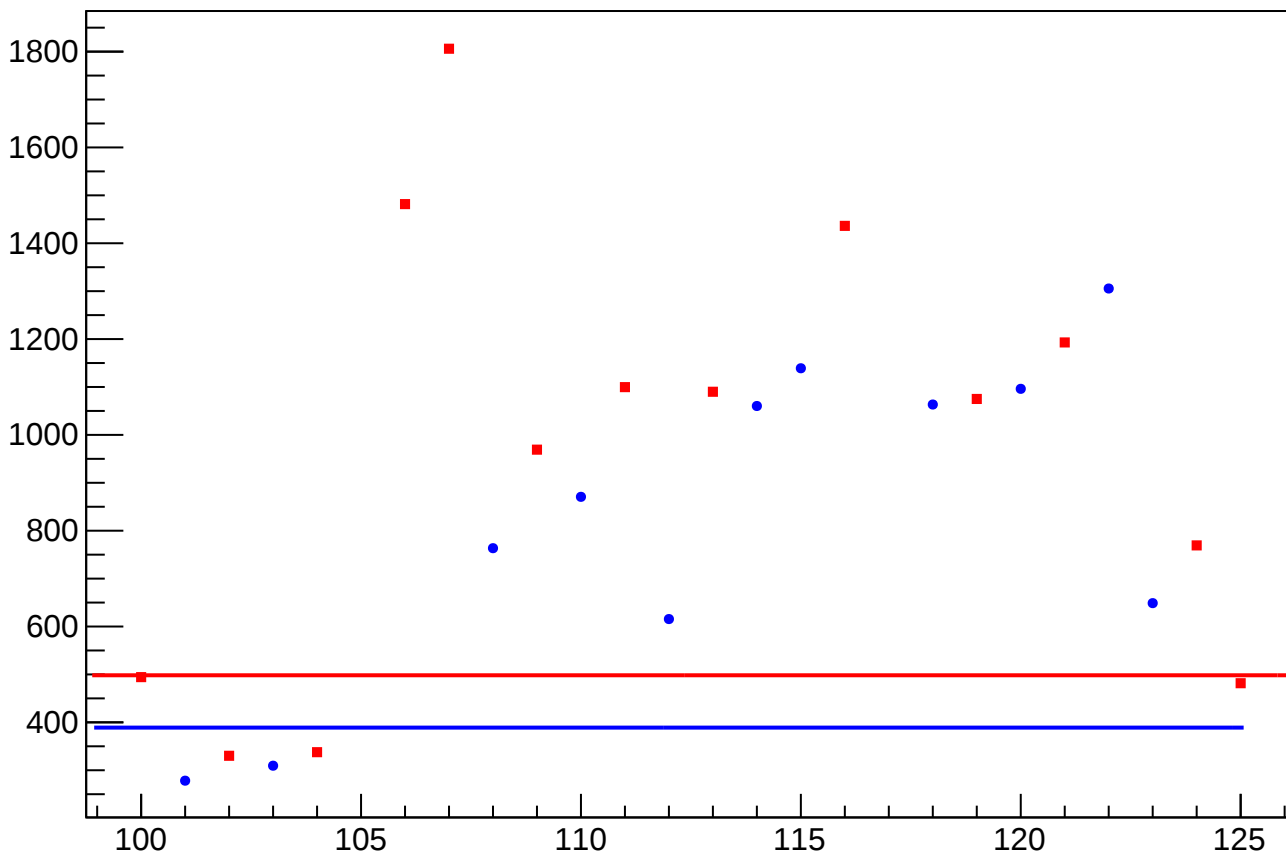
Right: -174.998 ± 186.963 $\chi^2/\text{NDF}: 33.8/23$

In: -30.583 ± 250.332 $\chi^2/\text{NDF}: 17.4/10$

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

All: -174.998 ± 186.963 $\chi^2/\text{NDF}: 33.8/23$

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 389.010+/-0.177 χ^2/NDF : 1778156.9/10

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

Right Out: 498.245+/-0.199 χ^2/NDF : 2583779.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

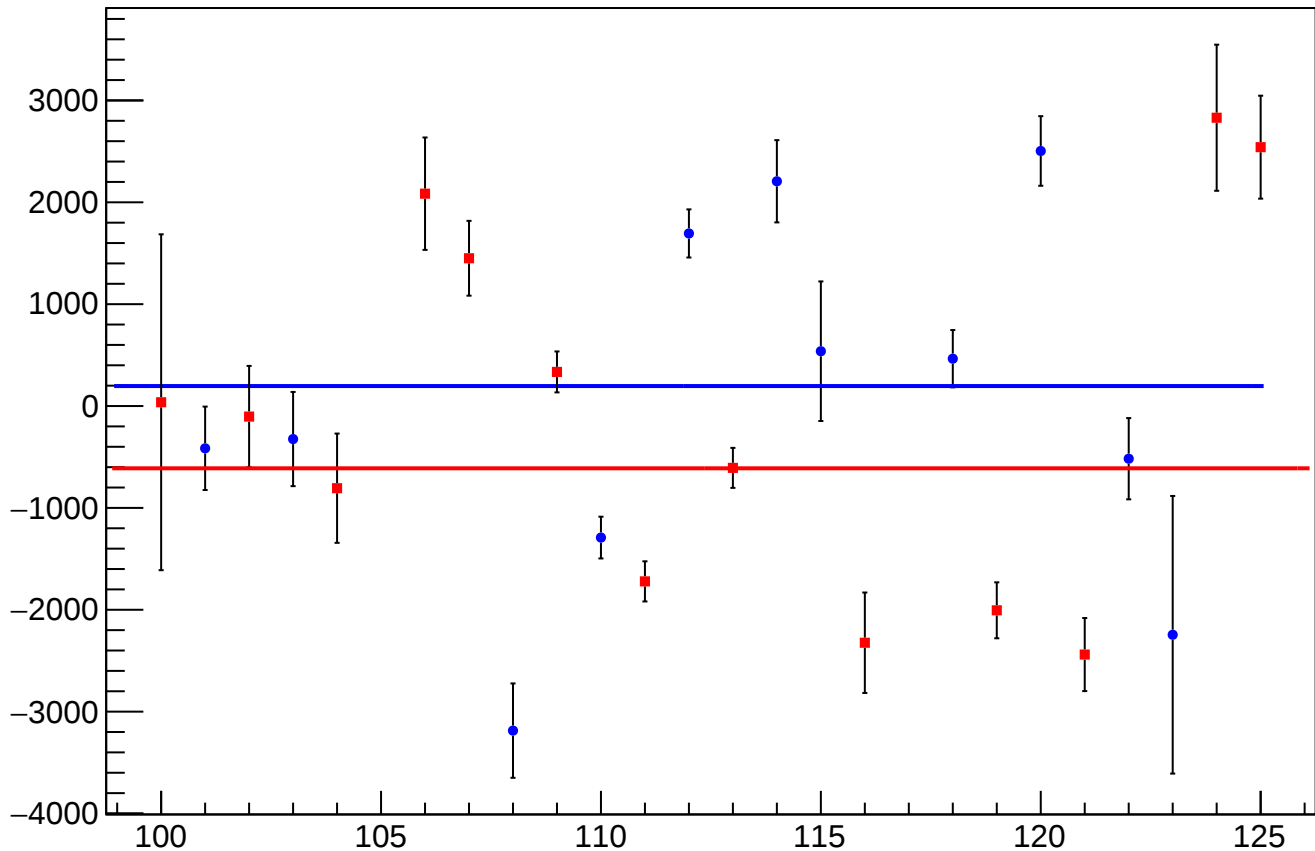
Right: 437.313+/-0.132 χ^2/NDF : 4530335.4/23

In: 389.010+/-0.177 χ^2/NDF :1778156.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 437.313+/-0.132 χ^2/NDF : 4530335.4/23

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 196.208+/-103.519 χ^2/NDF : 227.7/10

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

Right Out: -611.258+/-89.077 χ^2/NDF : 236.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

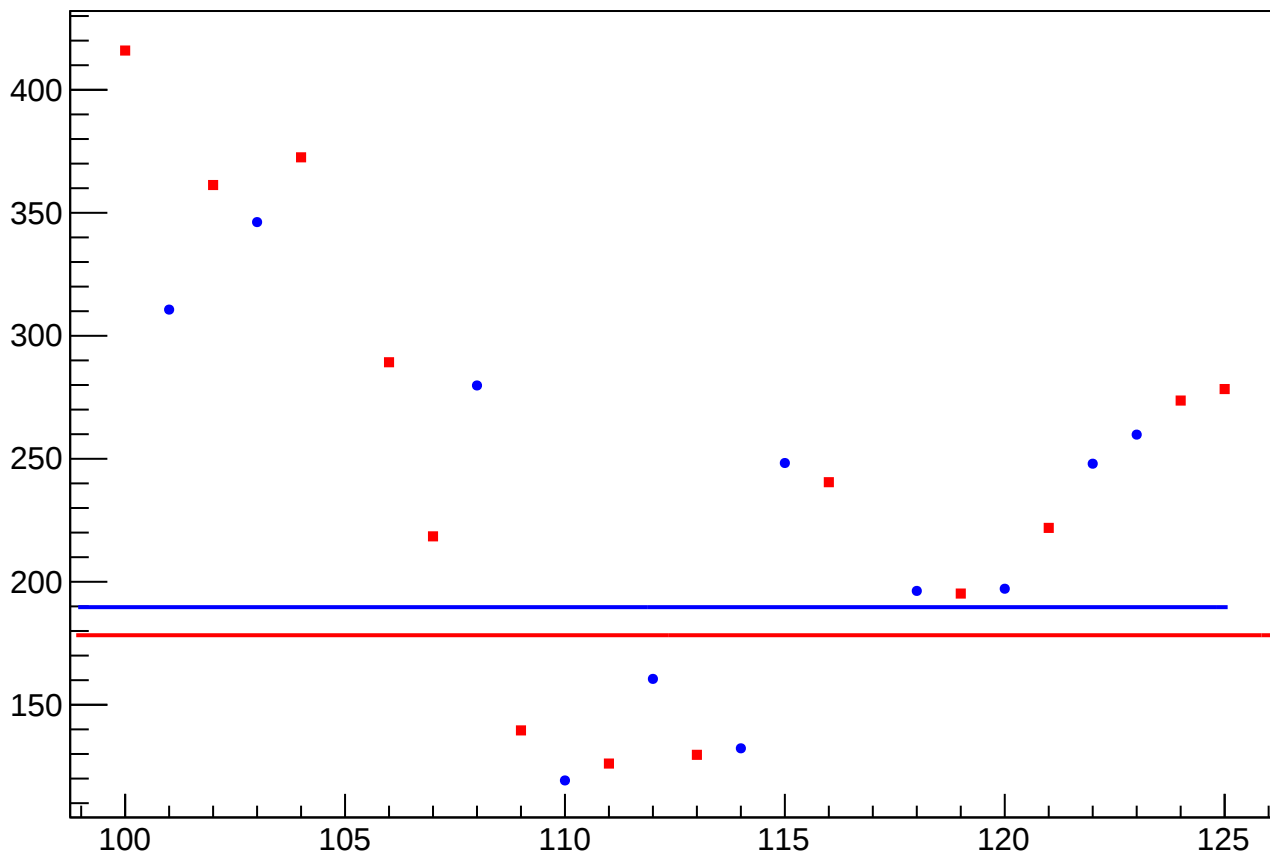
Right: -267.736+/-67.521 χ^2/NDF : 499.0/23

In: 196.208+/-103.519 χ^2/NDF : 227.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -267.736+/-67.521 χ^2/NDF : 499.0/23

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 189.687+/-0.073 χ^2/NDF : 851432.5/10

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

Right Out: 178.275+/-0.063 χ^2/NDF : 1199428.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

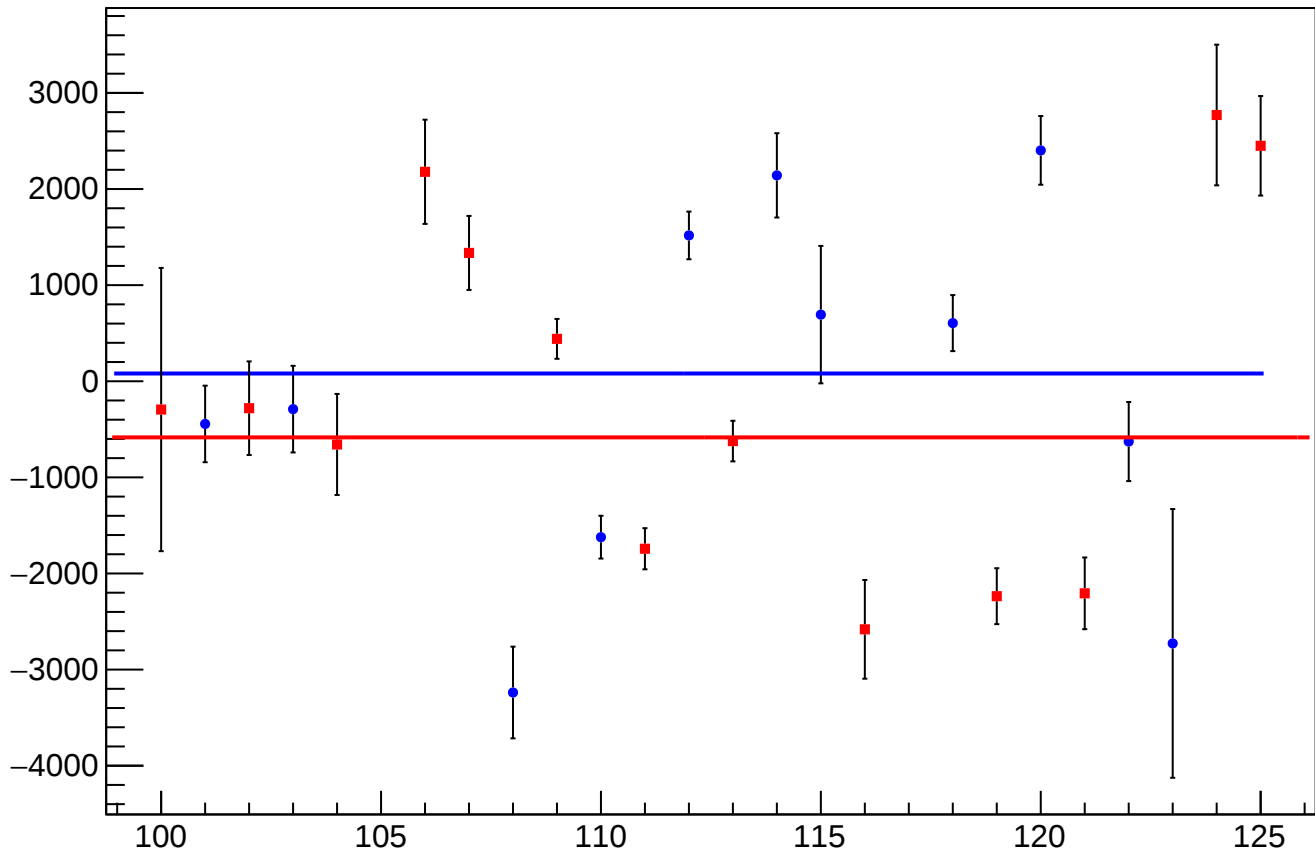
Right: 183.130+/-0.048 χ^2/NDF : 2064825.3/23

In: 189.687+/-0.073 χ^2/NDF : 851432.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.130+/-0.048 χ^2/NDF : 2064825.3/23

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: 80.621+/-108.335 χ^2/NDF : 218.1/10

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

Right Out: -584.042+/-93.518 χ^2/NDF : 226.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

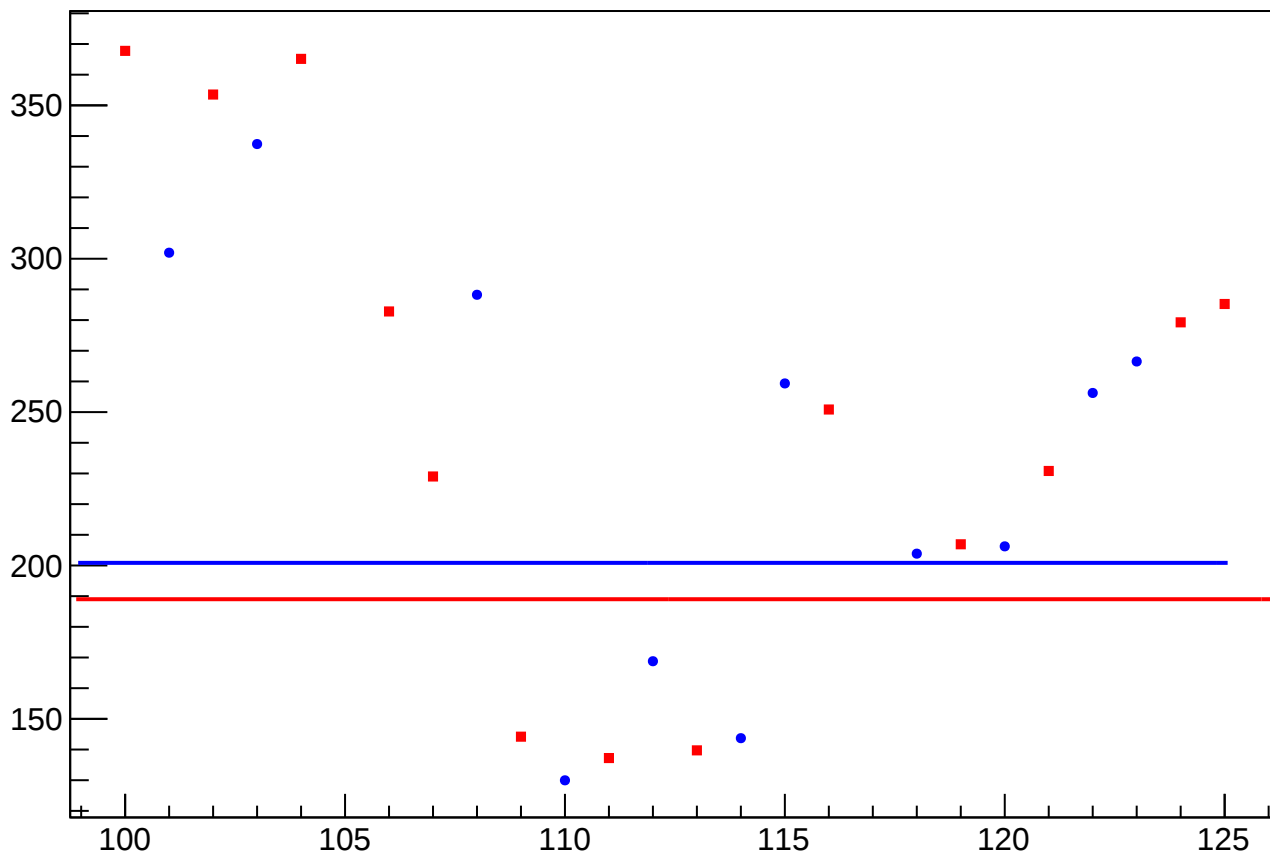
Right: -300.240+/-70.791 χ^2/NDF : 466.3/23

In: 80.621+/-108.335 χ^2/NDF : 218.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -300.240+/-70.791 χ^2/NDF : 466.3/23

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 200.857+/-0.077 χ^2/NDF : 704276.9/10

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

Right Out: 189.002+/-0.066 χ^2/NDF : 1044339.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

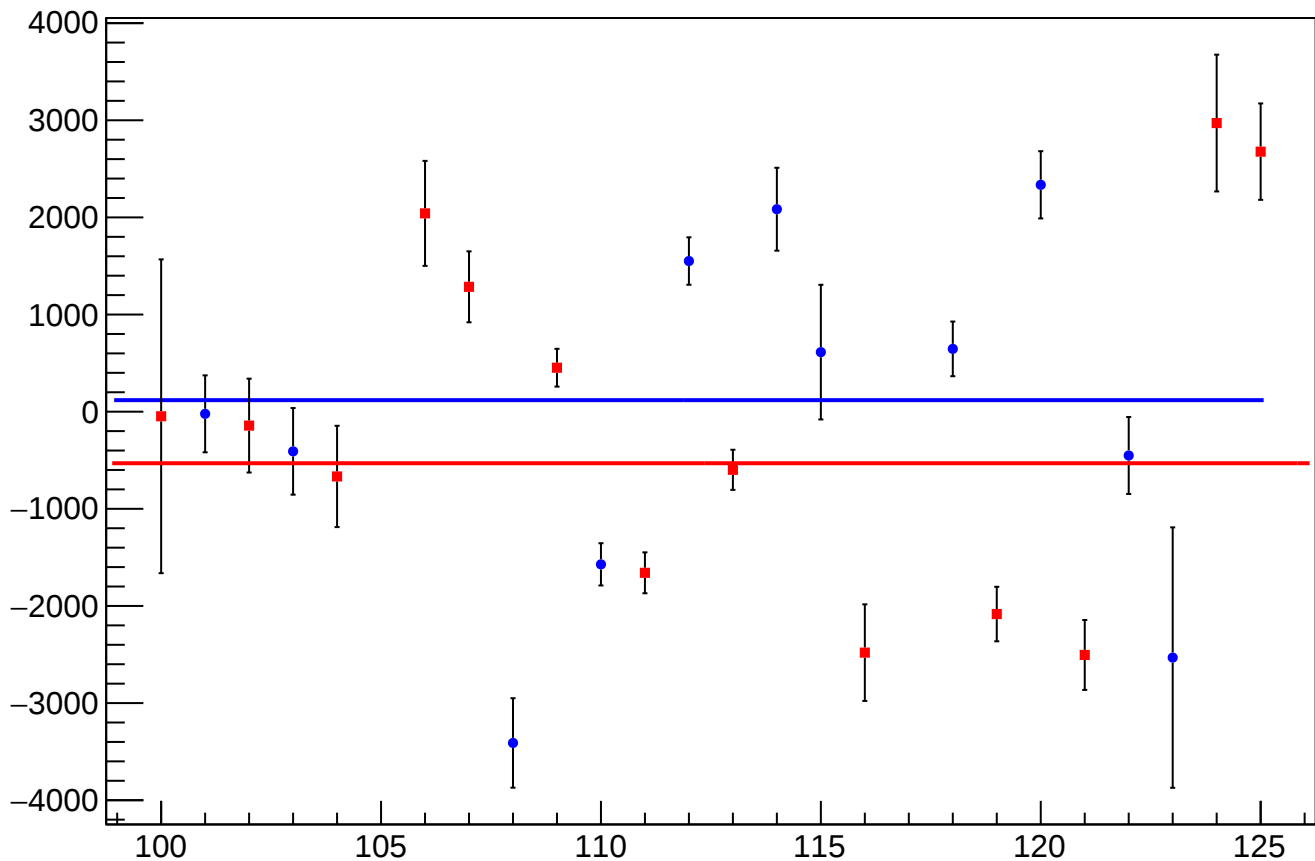
Right: 194.064+/-0.050 χ^2/NDF : 1762339.5/23

In: 200.857+/-0.077 χ^2/NDF :704276.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 194.064+/-0.050 χ^2/NDF : 1762339.5/23

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 118.635+/-105.712 χ^2/NDF : 227.3/10

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

Right Out: -530.772+/-90.436 χ^2/NDF : 245.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

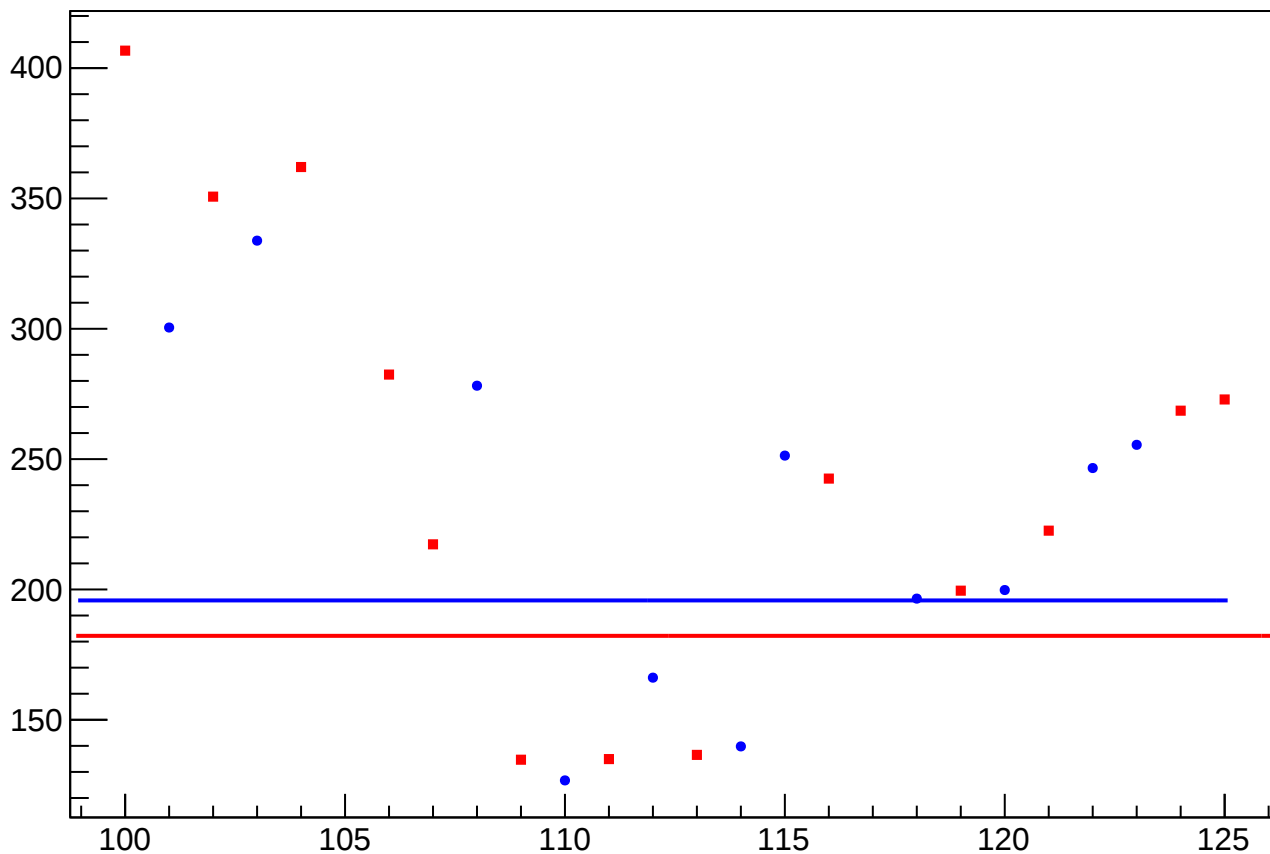
Right: -256.339+/-68.720 χ^2/NDF : 494.2/23

In: 118.635+/-105.712 χ^2/NDF : 227.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -256.339+/-68.720 χ^2/NDF : 494.2/23

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 195.791+/-0.075 χ^2/NDF : 710563.3/10

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

Right Out: 182.207+/-0.064 χ^2/NDF : 1084324.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

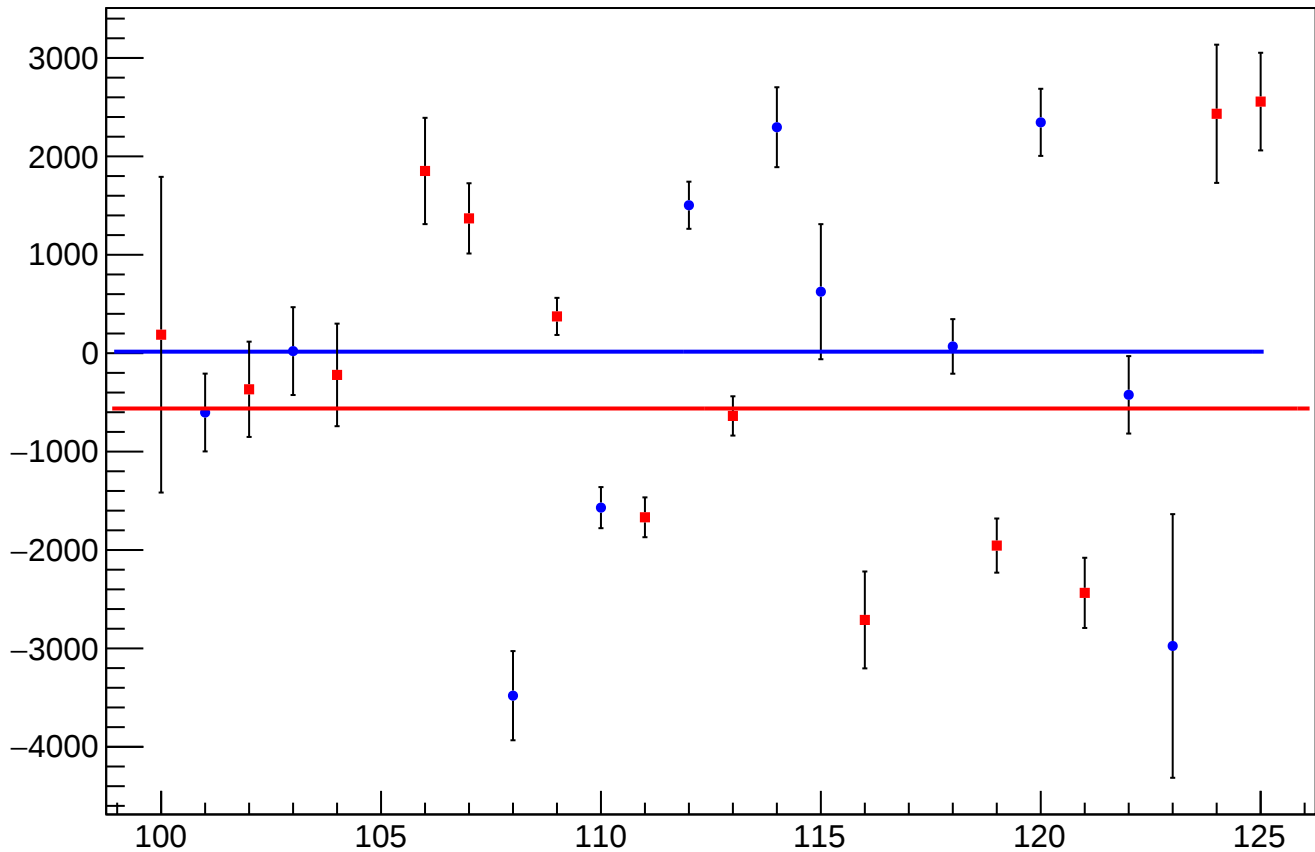
Right: 187.948+/-0.049 χ^2/NDF : 1813956.0/23

In: 195.791+/-0.075 χ^2/NDF : 710563.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.948+/-0.049 χ^2/NDF : 1813956.0/23

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: 15.450+/-103.436 χ^2/NDF : 243.5/10

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

Right Out: -562.006+/-88.205 χ^2/NDF : 234.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

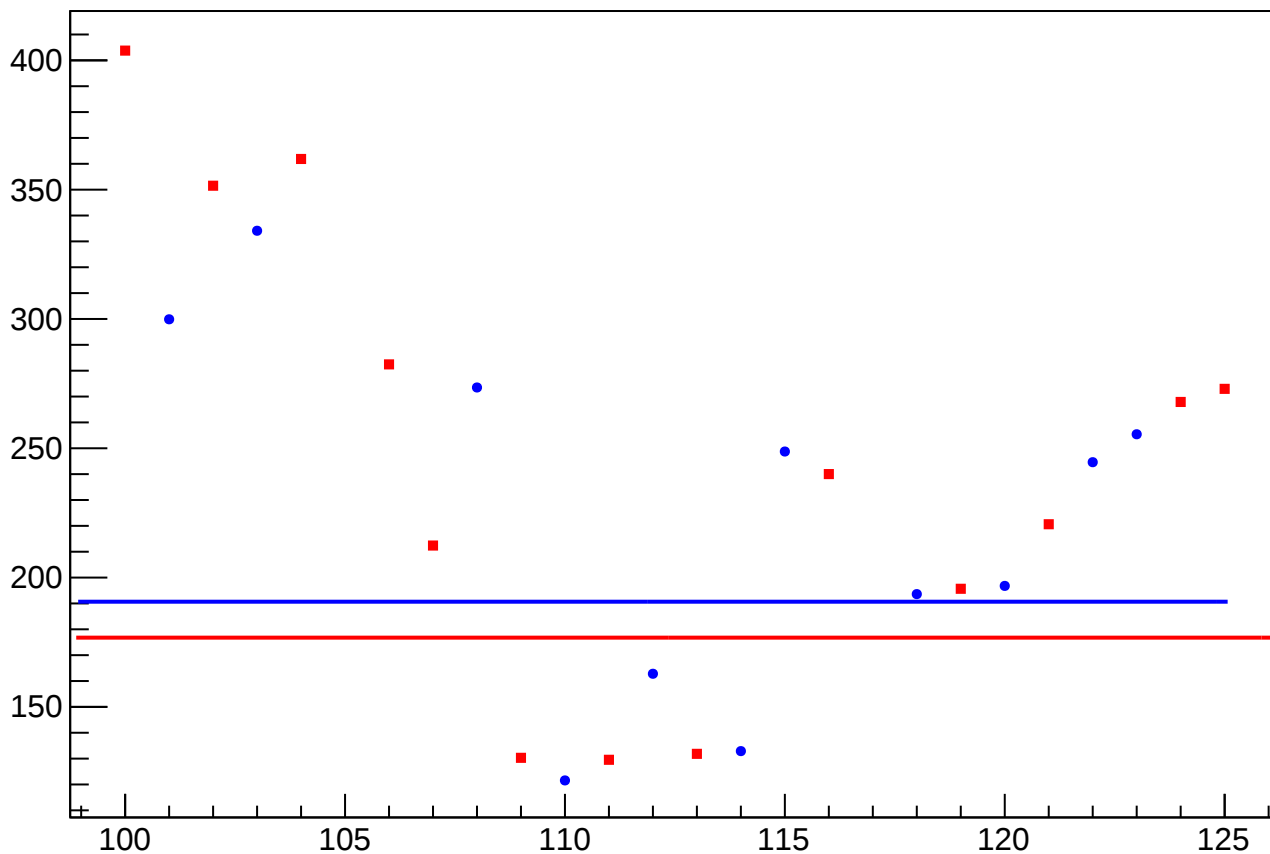
Right: -318.884+/-67.116 χ^2/NDF : 496.2/23

In: 15.450+/-103.436 χ^2/NDF : 243.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -318.884+/-67.116 χ^2/NDF : 496.2/23

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 190.673+/-0.073 χ^2/NDF : 770123.0/10

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

Right Out: 176.775+/-0.062 χ^2/NDF : 1162642.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

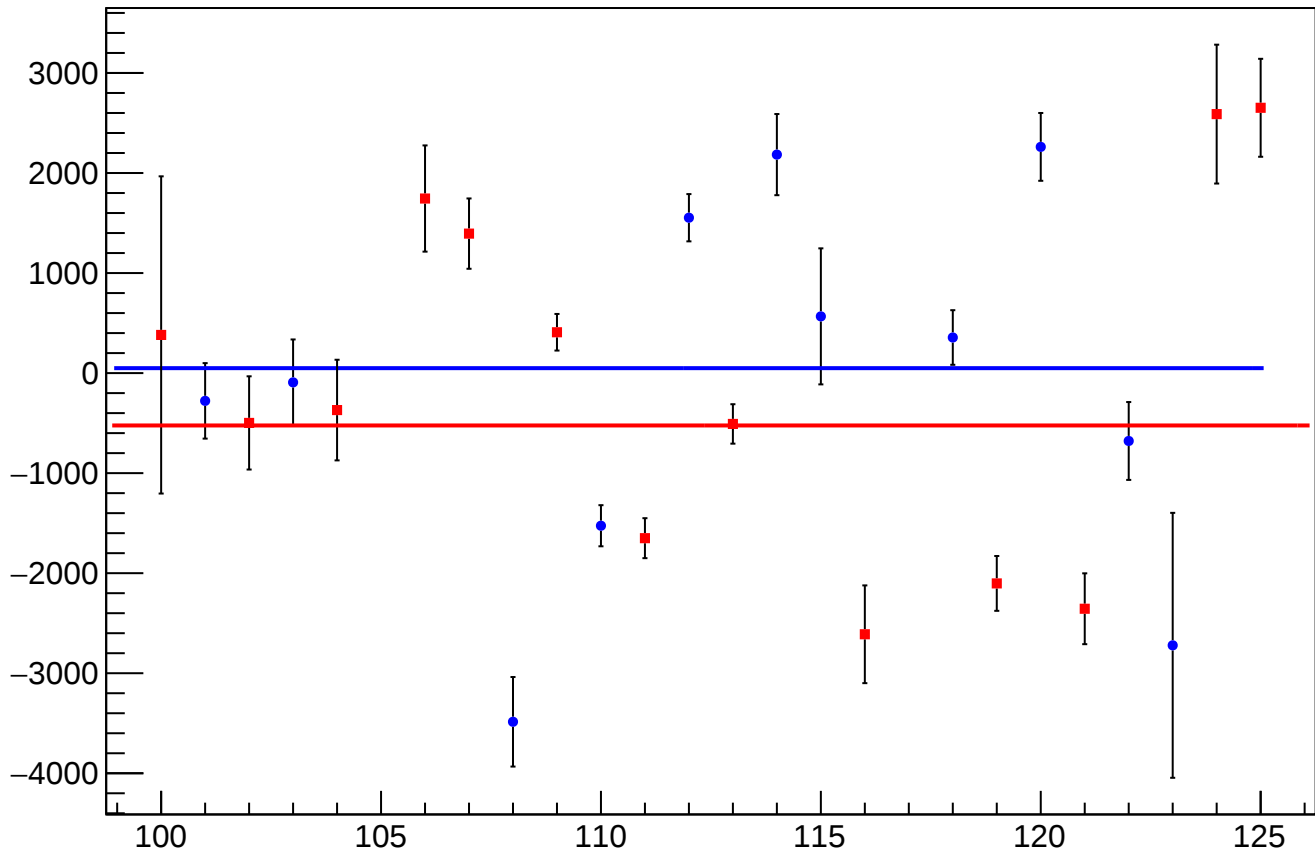
Right: 182.627+/-0.047 χ^2/NDF : 1953668.8/23

In: 190.673+/-0.073 χ^2/NDF : 770123.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.627+/-0.047 χ^2/NDF : 1953668.8/23

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: 49.418+/-101.744 χ^2/NDF : 242.5/10

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

Right Out: -523.438+/-86.708 χ^2/NDF : 246.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

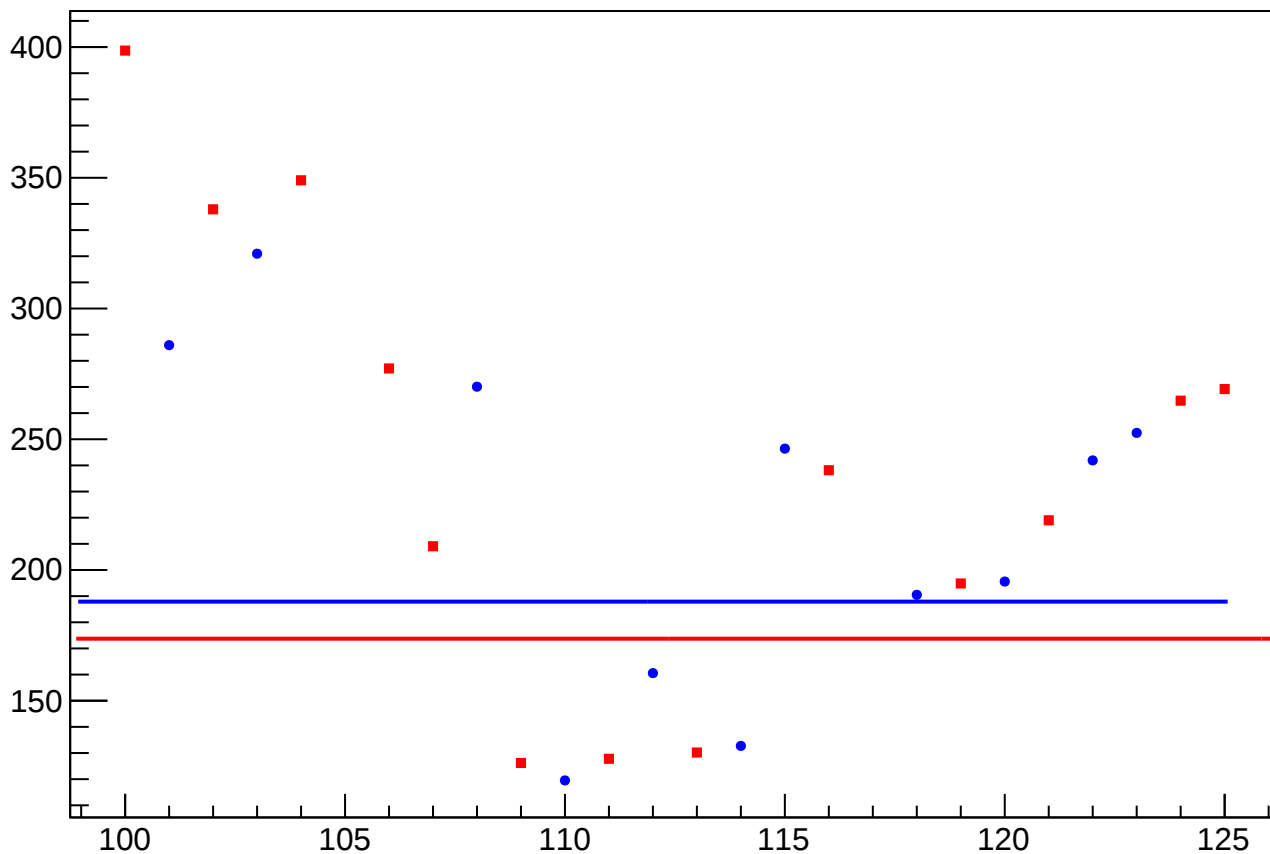
Right: -282.425+/-65.994 χ^2/NDF : 507.5/23

In: 49.418+/-101.744 χ^2/NDF : 242.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -282.425+/-65.994 χ^2/NDF : 507.5/23

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 187.901+/-0.072 χ^2/NDF : 739797.8/10

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

Right Out: 173.727+/-0.061 χ^2/NDF : 1155778.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

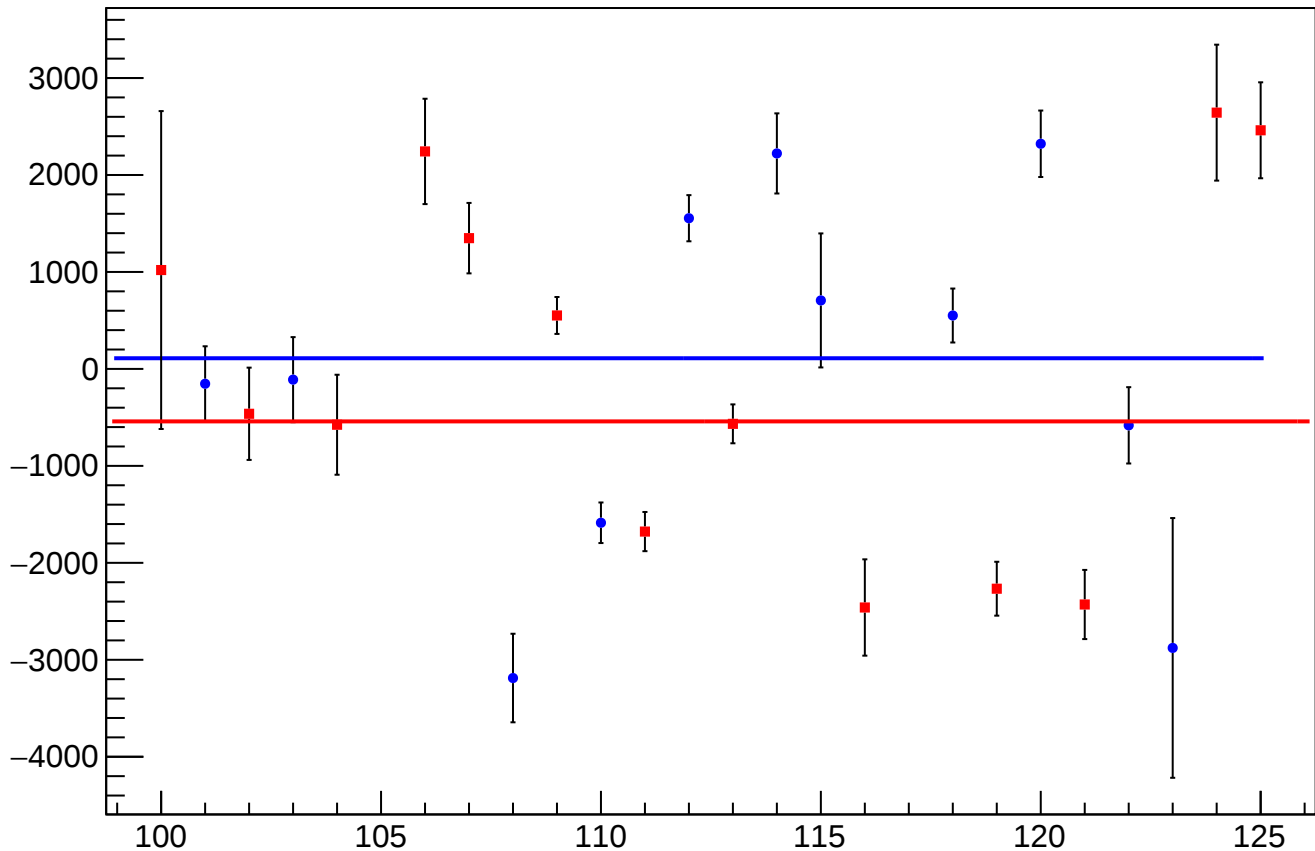
Right: 179.690+/-0.047 χ^2/NDF : 1918061.7/23

In: 187.901+/-0.072 χ^2/NDF : 739797.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.690+/-0.047 χ^2/NDF : 1918061.7/23

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 110.015+/-103.374 χ^2/NDF : 234.6/10

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

Right Out: -541.291+/-88.582 χ^2/NDF : 257.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

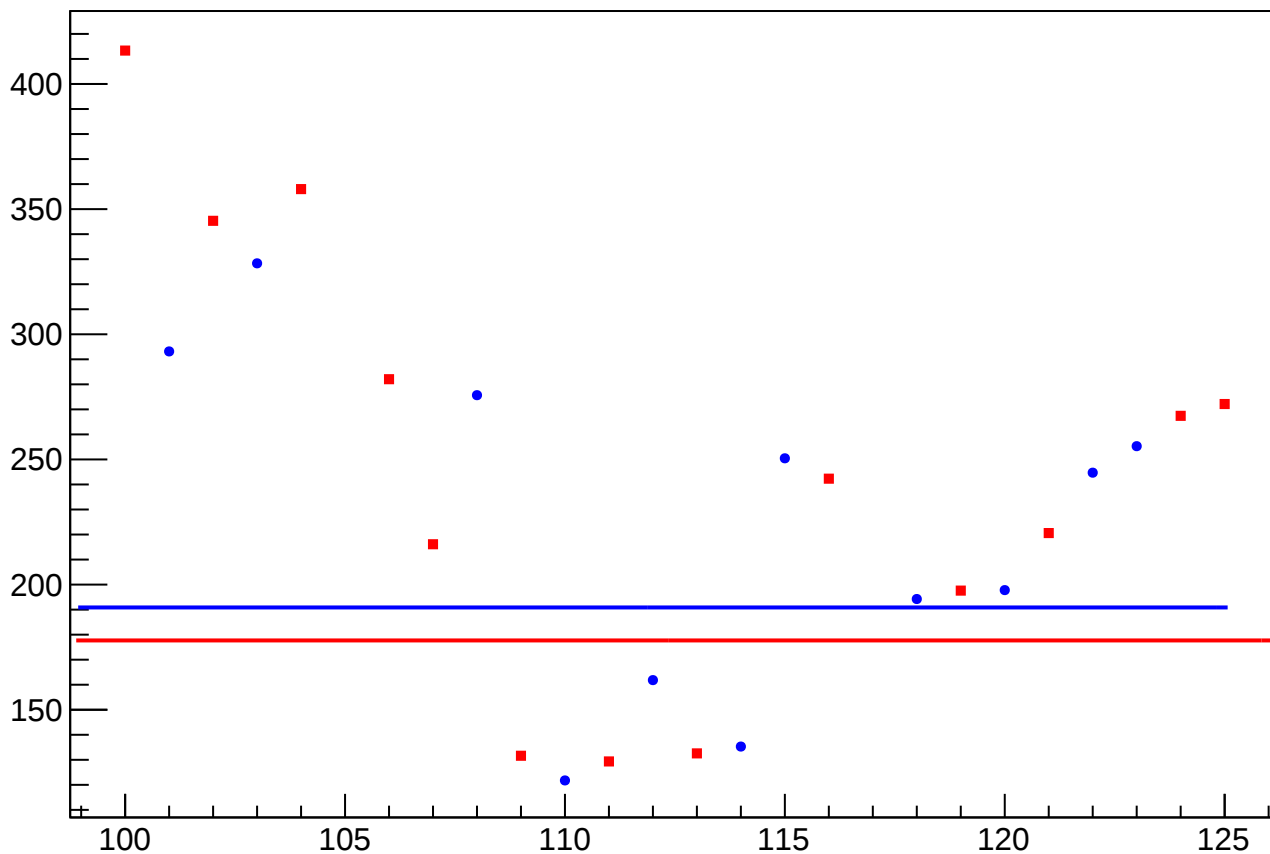
Right: -265.531+/-67.265 χ^2/NDF : 515.3/23

In: 110.015+/-103.374 χ^2/NDF : 234.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -265.531+/-67.265 χ^2/NDF : 515.3/23

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 190.869+/-0.073 χ^2/NDF : 747690.5/10

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

Right Out: 177.691+/-0.063 χ^2/NDF : 1141820.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

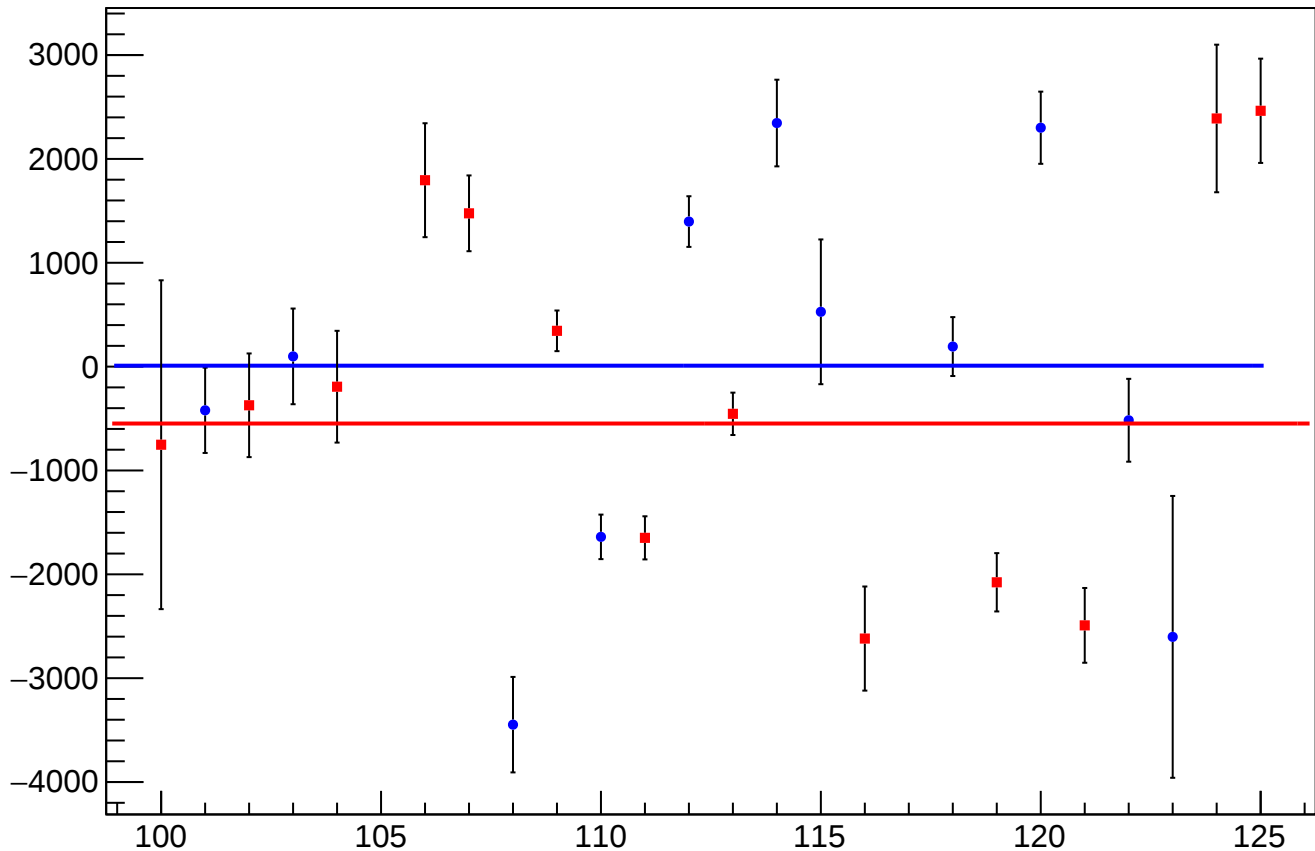
Right: 183.270+/-0.048 χ^2/NDF : 1908253.3/23

In: 190.869+/-0.073 χ^2/NDF : 747690.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.270+/-0.048 χ^2/NDF : 1908253.3/23

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: 9.022 ± 105.829 χ^2/NDF : 230.4/10

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

Right Out: -547.895 ± 90.397 χ^2/NDF : 227.6/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

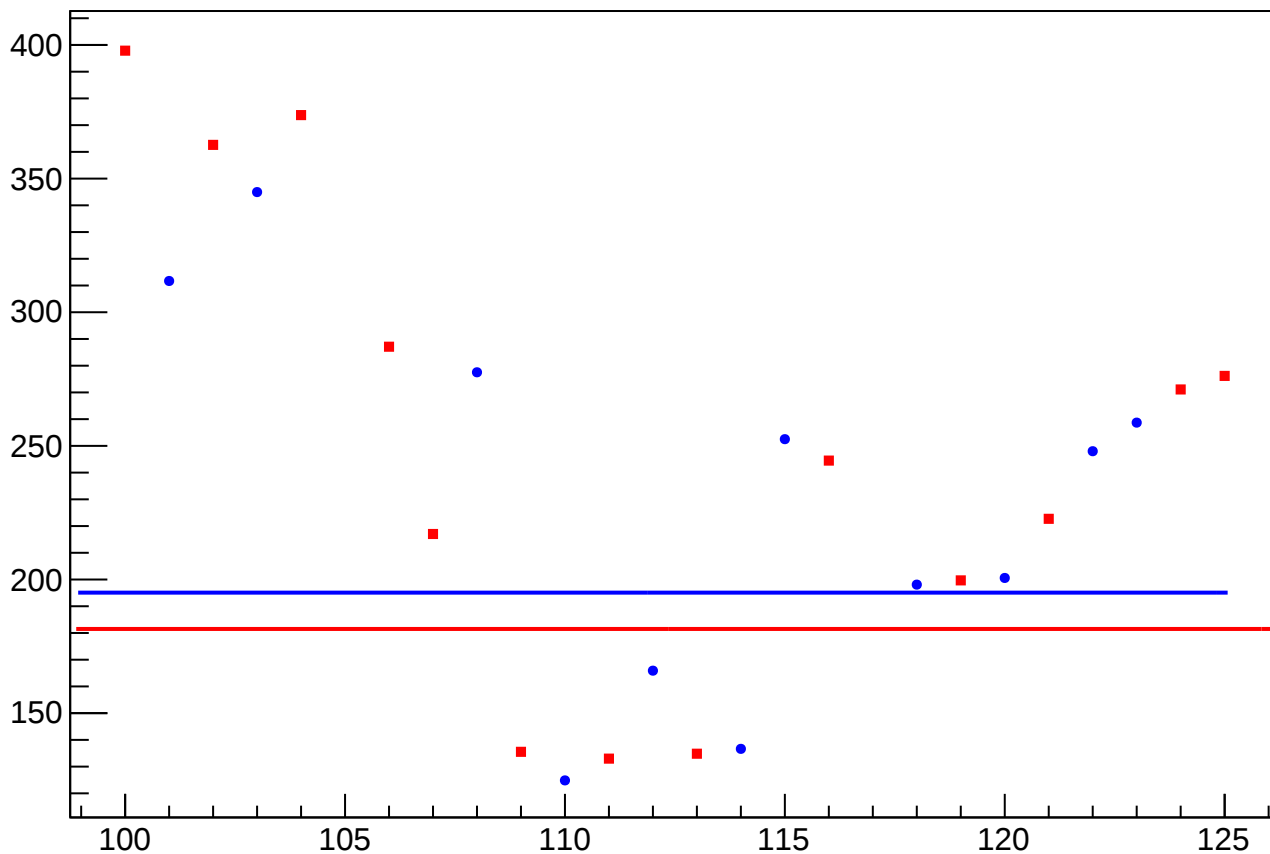
Right: -312.965 ± 68.735 χ^2/NDF : 474.1/23

In: 9.022 ± 105.829 χ^2/NDF : 230.4/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -312.965 ± 68.735 χ^2/NDF : 474.1/23

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 195.093+/-0.075 χ^2/NDF : 773773.6/10

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

Right Out: 181.504+/-0.064 χ^2/NDF : 1142565.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

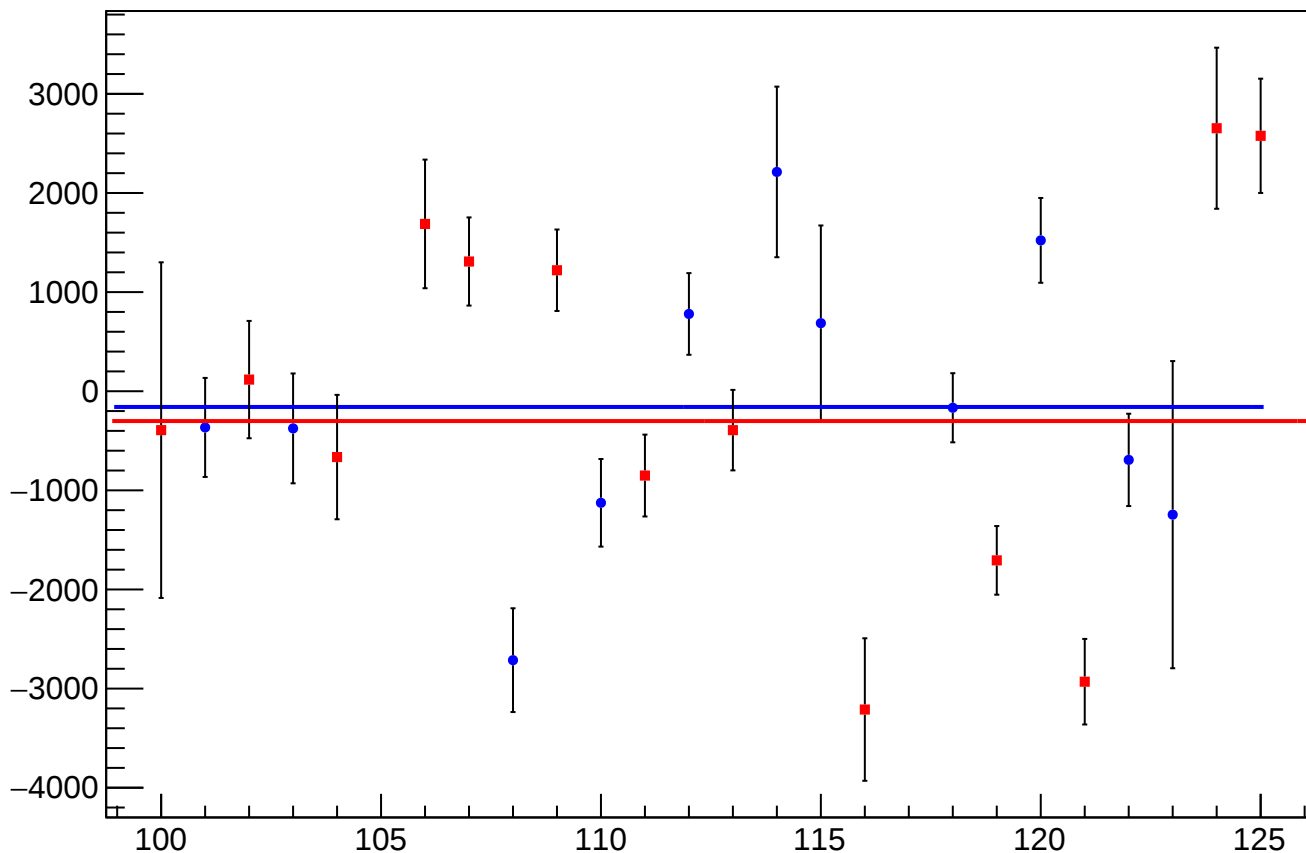
Right: 187.236+/-0.049 χ^2/NDF : 1935404.2/23

In: 195.093+/-0.075 χ^2/NDF : 773773.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.236+/-0.049 χ^2/NDF : 1935404.2/23

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -158.677+/-152.476 χ^2/NDF : 59.7/10

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

Right Out: -300.808+/-139.769 χ^2/NDF : 147.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

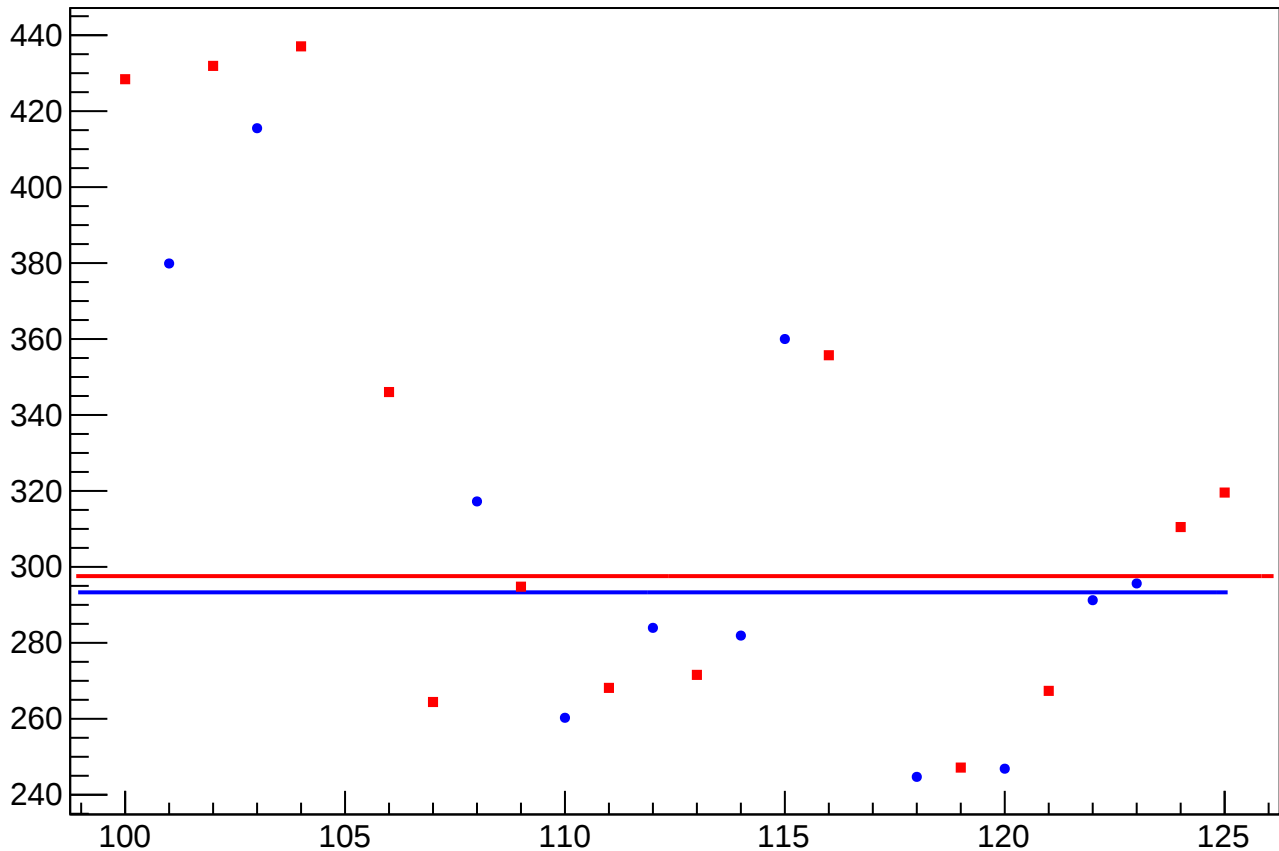
Right: -235.911+/-103.032 χ^2/NDF : 207.1/23

In: -158.677+/-152.476 χ^2/NDF : 59.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -235.911+/-103.032 χ^2/NDF : 207.1/23

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 293.299+/-0.108 χ^2/NDF : 245690.9/10

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

Right Out: 297.571+/-0.099 χ^2/NDF : 323242.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

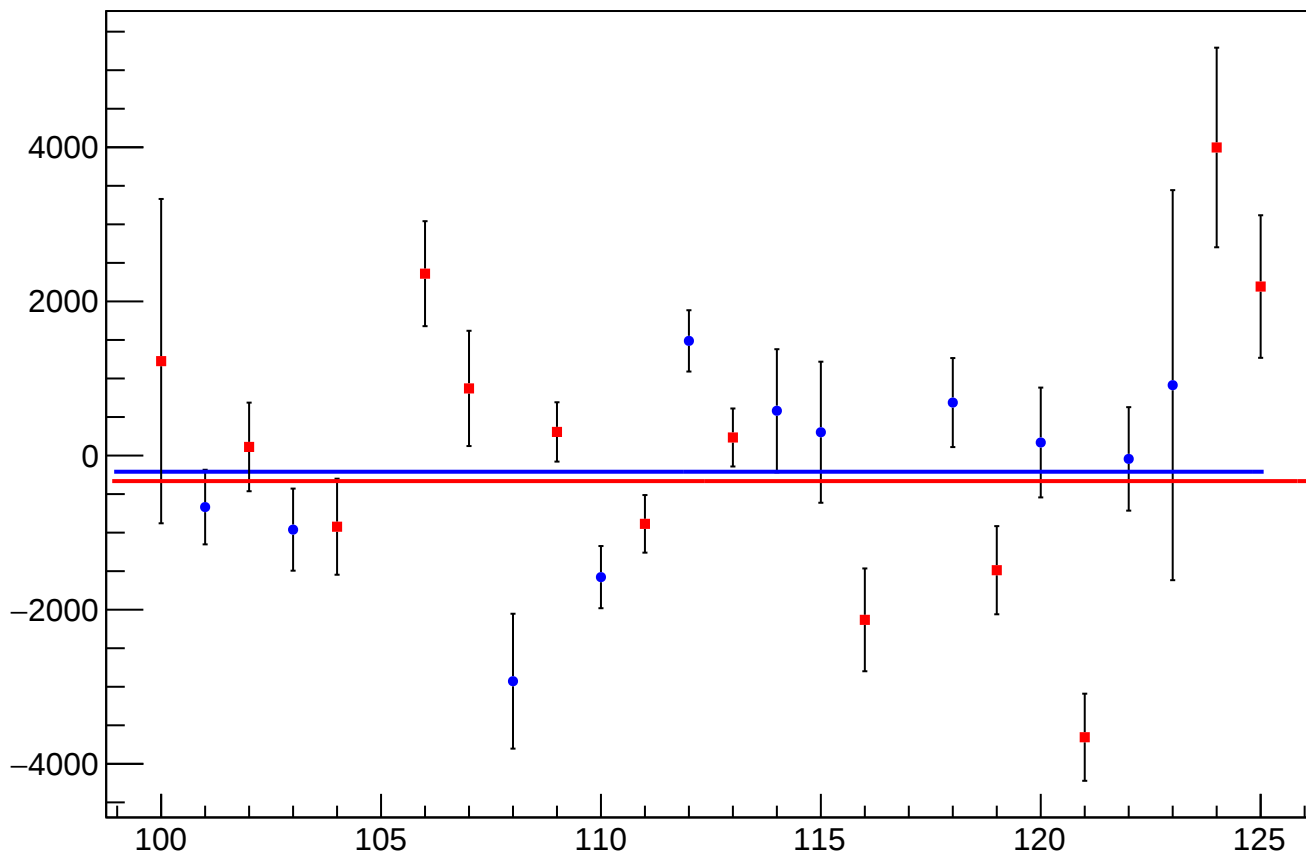
Right: 295.621+/-0.073 χ^2/NDF : 569786.7/23

In: 293.299+/-0.108 χ^2/NDF : 245690.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 295.621+/-0.073 χ^2/NDF : 569786.7/23

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -209.806+/-177.690 χ^2/NDF : 46.5/10

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

Right Out: -331.450+/-156.276 χ^2/NDF : 92.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

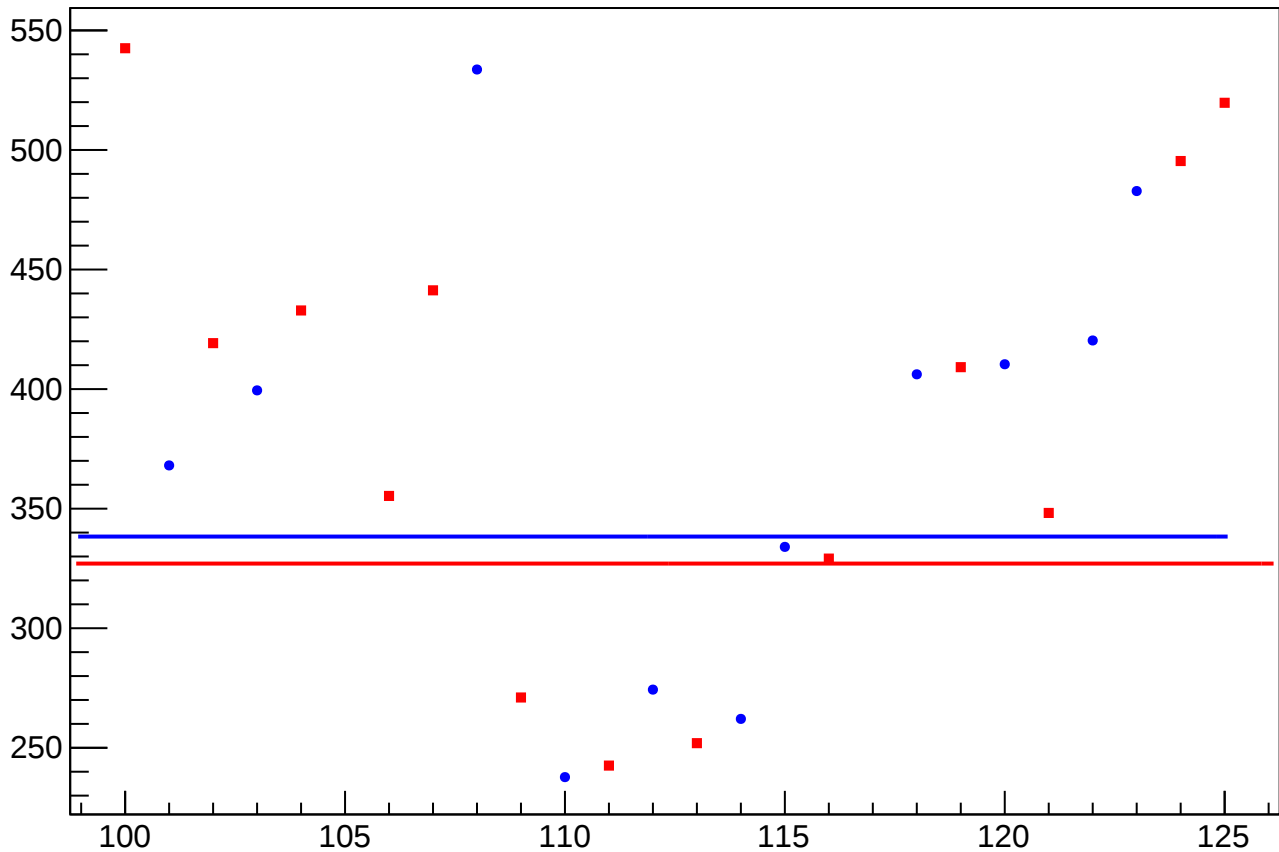
Right: -278.396+/-117.348 χ^2/NDF : 138.8/23

In: -209.806+/-177.690 χ^2/NDF : 46.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -278.396+/-117.348 χ^2/NDF : 138.8/23

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 338.335+/-0.126 χ^2/NDF : 412422.9/10

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

Right Out: 327.038+/-0.111 χ^2/NDF : 569174.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

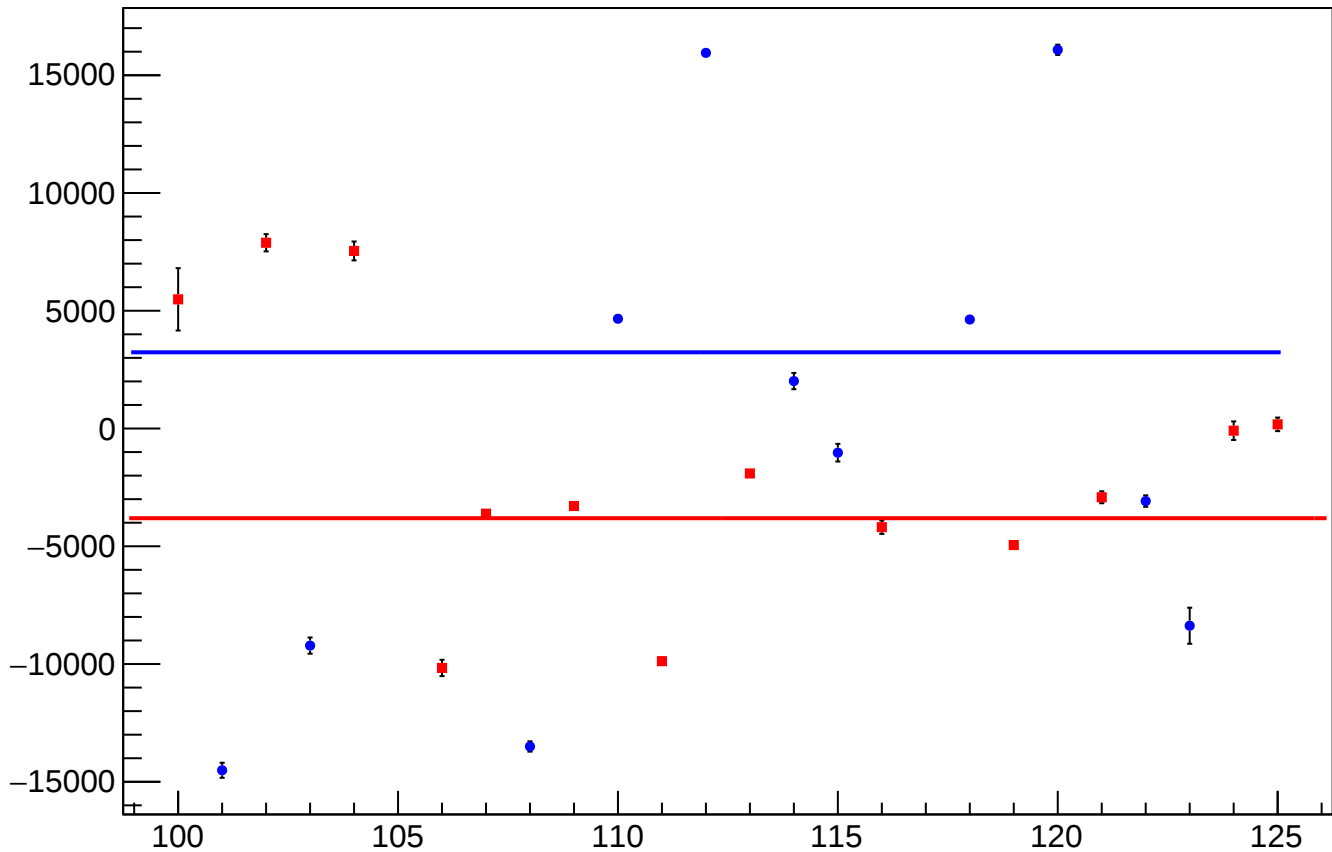
Right: 331.965+/-0.083 χ^2/NDF : 986155.3/23

In: 338.335+/-0.126 χ^2/NDF : 412422.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 331.965+/-0.083 χ^2/NDF : 986155.3/23

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 3235.831+/-71.178 χ^2/NDF : 20330.0/10

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

Right Out: -3808.894+/-64.587 χ^2/NDF : 4190.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

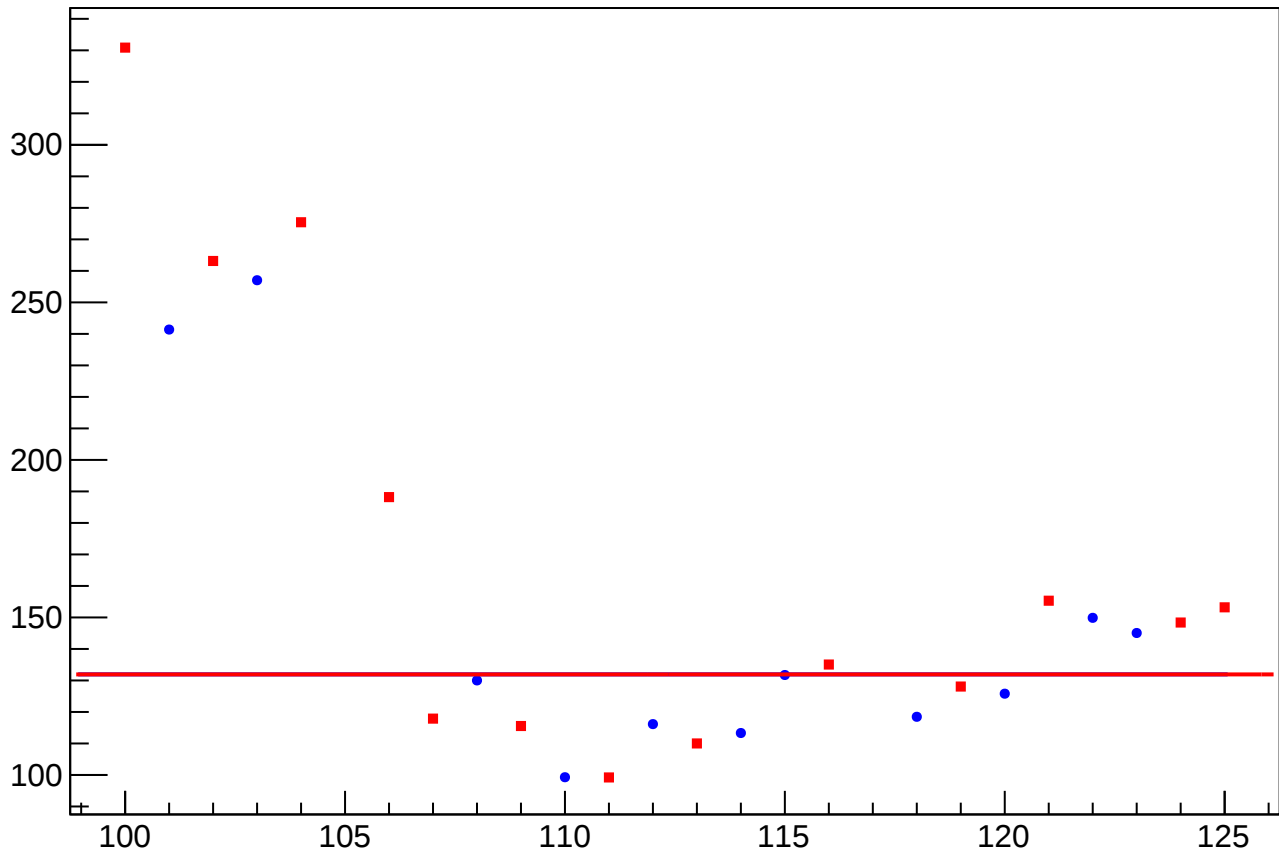
Right: -627.752+/-47.831 χ^2/NDF : 29893.0/23

In: 3235.831+/-71.178 χ^2/NDF : 20330.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -627.752+/-47.831 χ^2/NDF : 29893.0/23

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 131.930+/-0.050 χ^2/NDF : 620170.9/10

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

Right Out: 131.920+/-0.046 χ^2/NDF : 795580.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

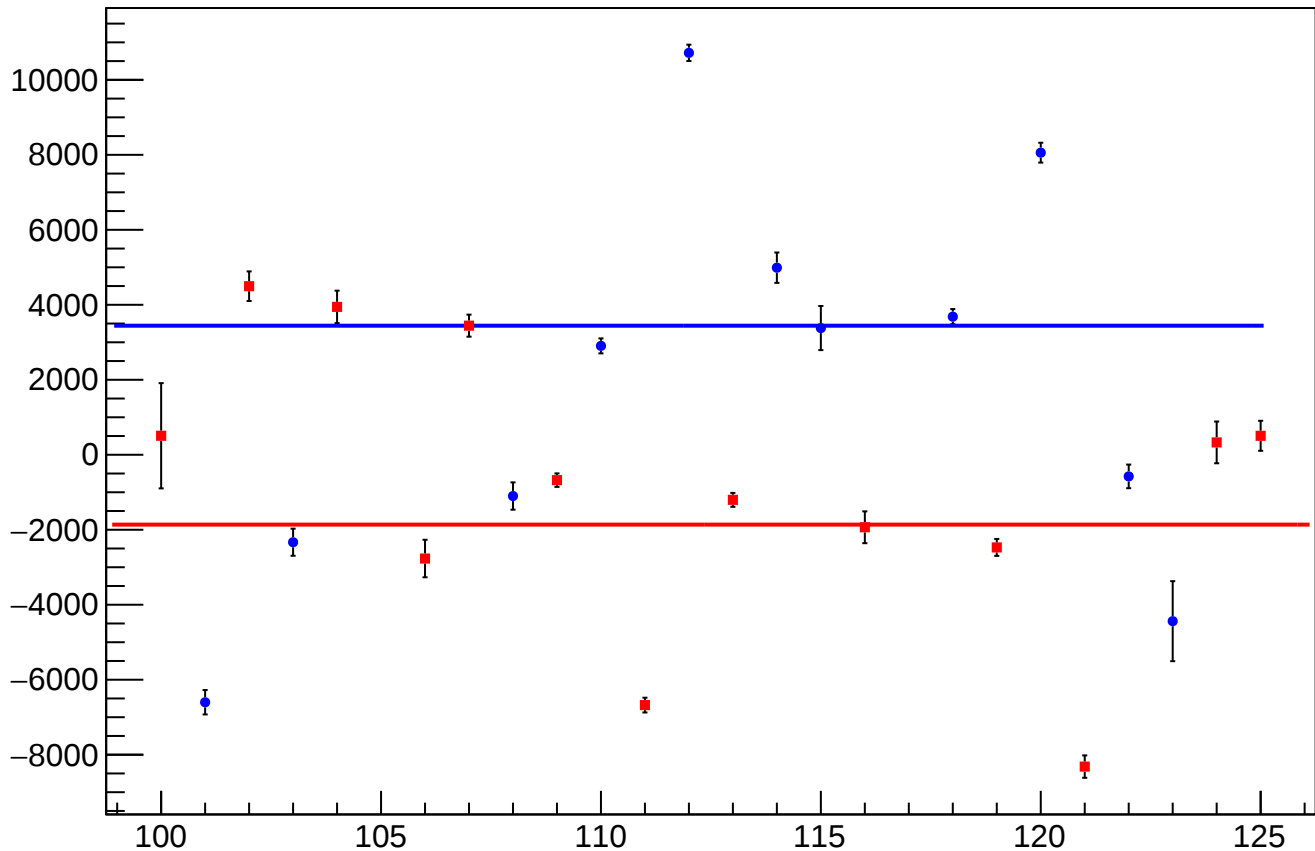
Right: 131.925+/-0.034 χ^2/NDF : 1415751.2/23

In: 131.930+/-0.050 χ^2/NDF : 620170.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.925+/-0.034 χ^2/NDF : 1415751.2/23

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 3442.519+/-87.931 χ^2/NDF : 3022.7/10

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

Right Out: -1862.877+/-79.242 χ^2/NDF : 1948.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

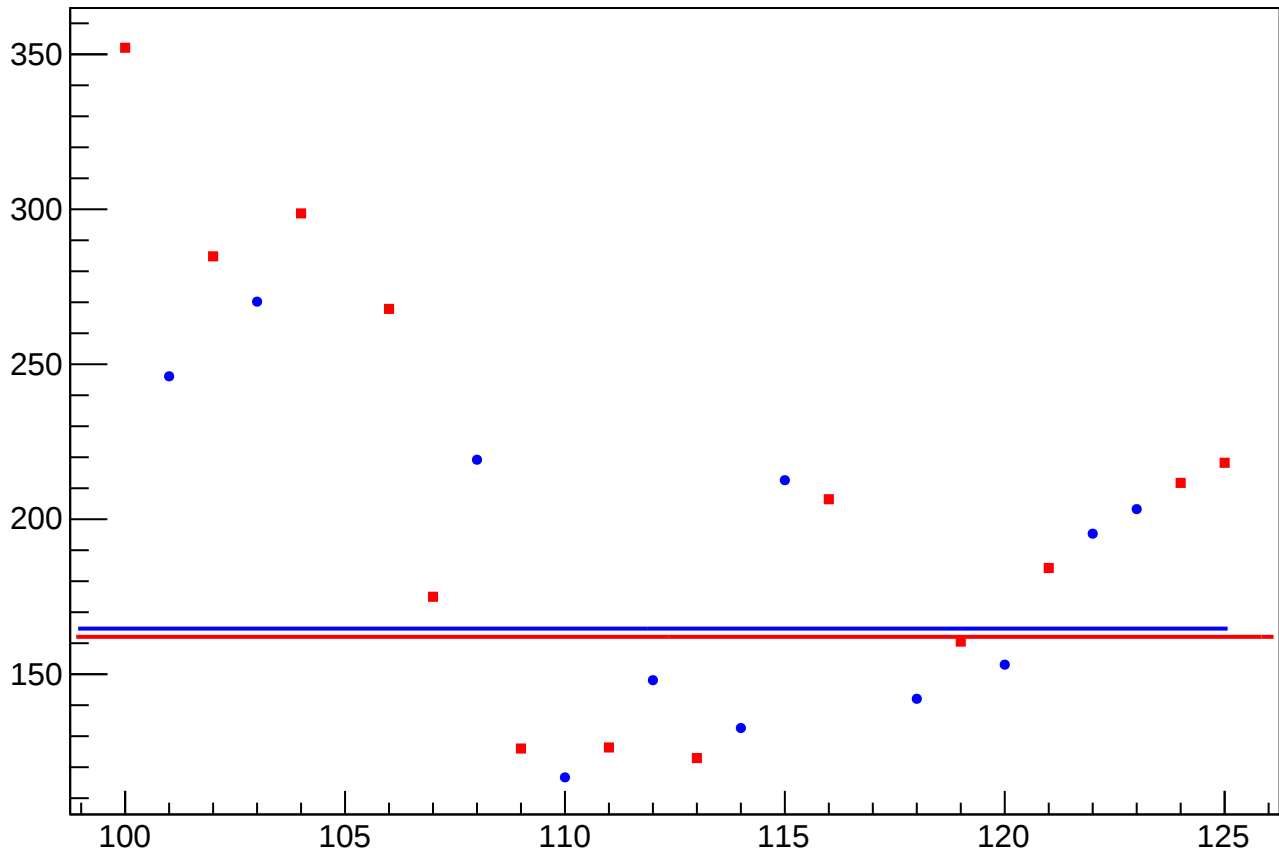
Right: 514.801+/-58.866 χ^2/NDF : 6980.3/23

In: 3442.519+/-87.931 χ^2/NDF : 3022.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 514.801+/-58.866 χ^2/NDF : 6980.3/23

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 164.709+/-0.062 χ^2/NDF : 543673.8/10

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

Right Out: 162.057+/-0.056 χ^2/NDF : 845971.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

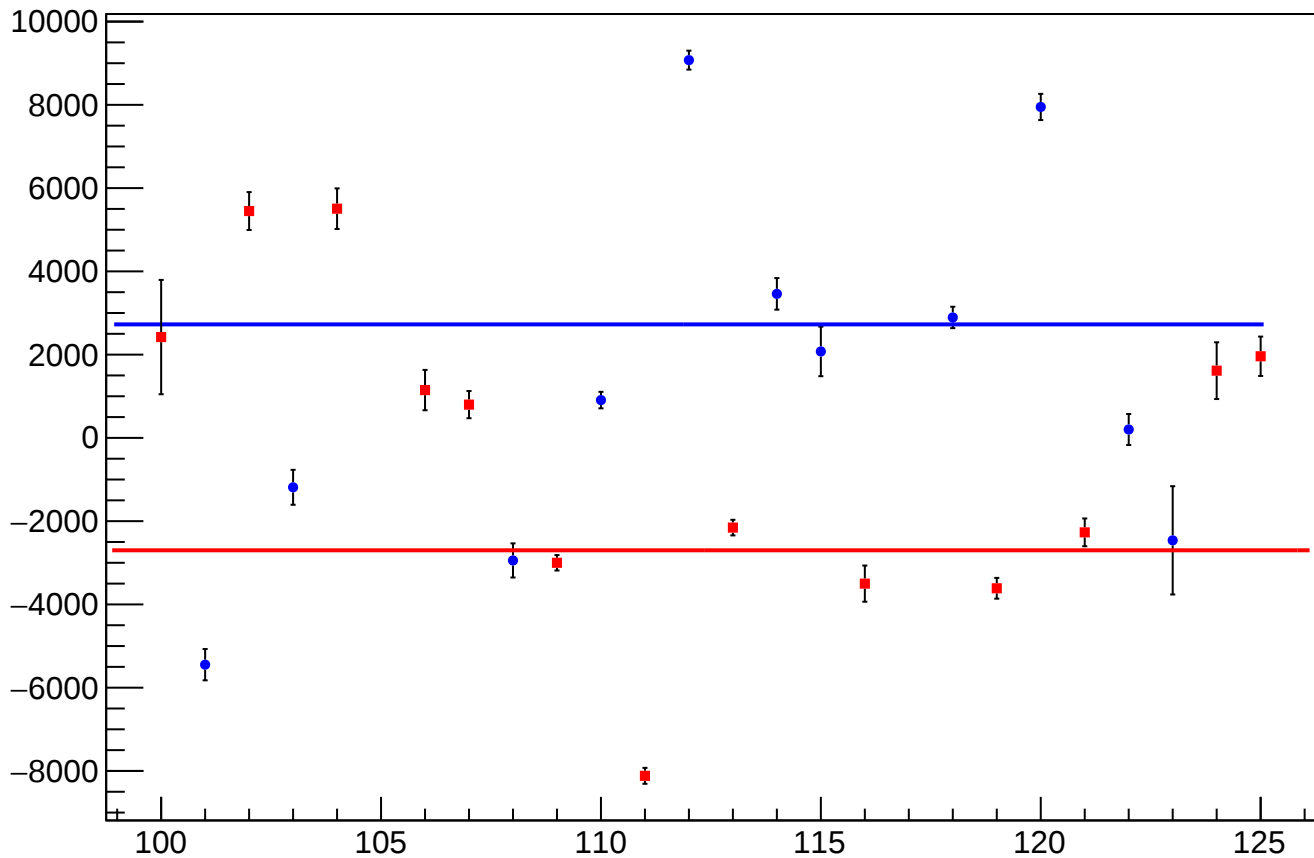
Right: 163.245+/-0.042 χ^2/NDF : 1390649.4/23

In: 164.709+/-0.062 χ^2/NDF :543673.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 163.245+/-0.042 χ^2/NDF : 1390649.4/23

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 2726.371+/-96.980 χ^2/NDF : 1957.3/10

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

Right Out: -2699.825+/-83.061 χ^2/NDF : 1763.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

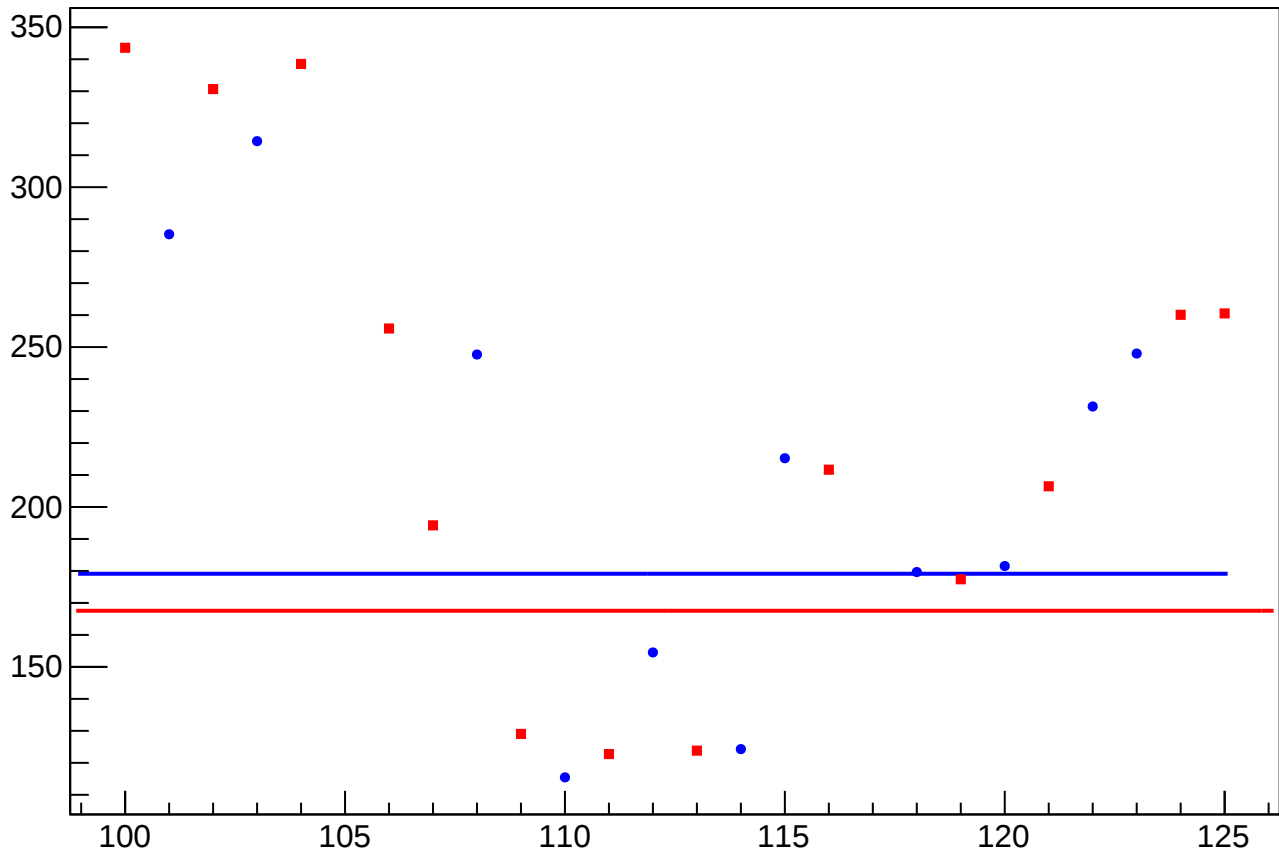
Right: -403.736+/-63.086 χ^2/NDF : 5526.6/23

In: 2726.371+/-96.980 χ^2/NDF :1957.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -403.736+/-63.086 χ^2/NDF : 5526.6/23

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 179.122+/-0.069 χ^2/NDF : 747345.6/10

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

Right Out: 167.551+/-0.059 χ^2/NDF : 1085367.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

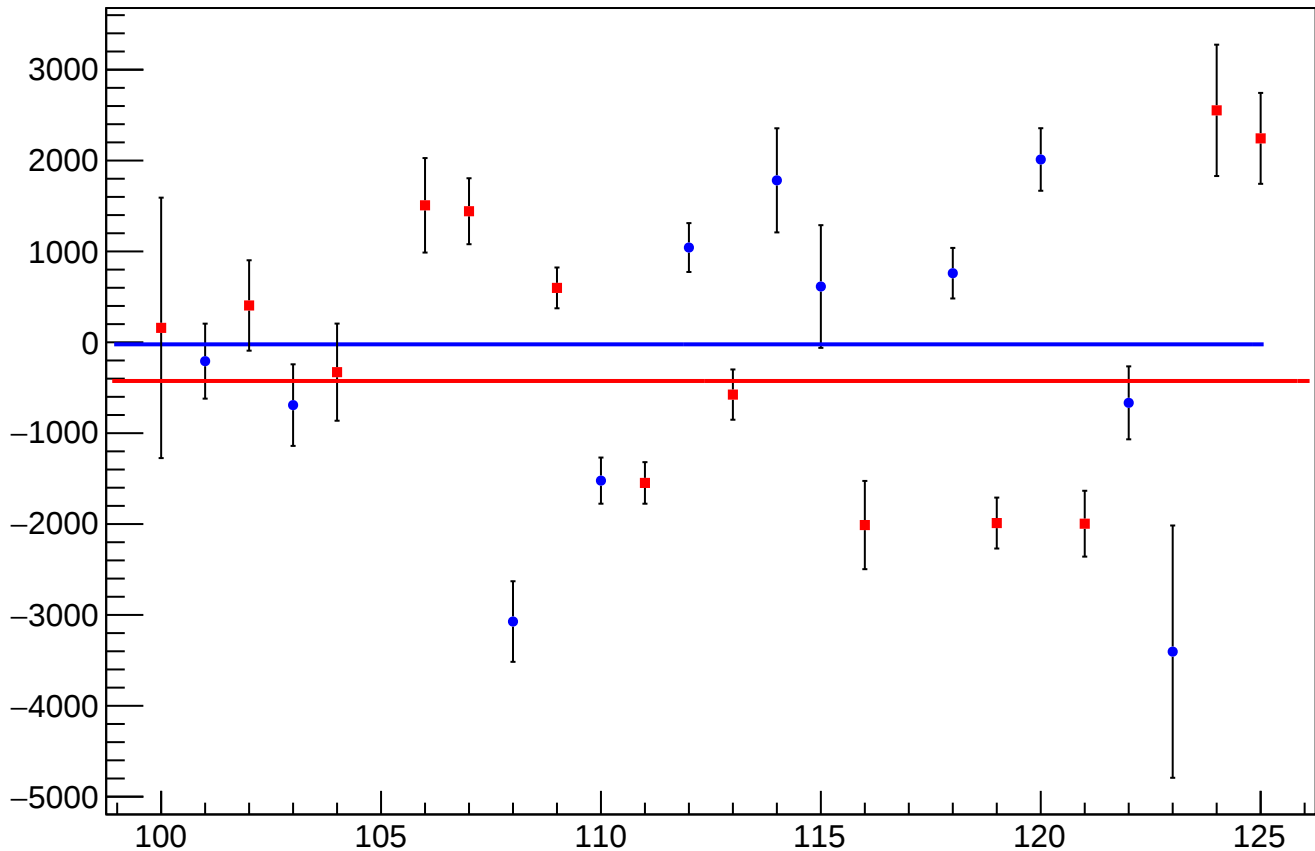
Right: 172.447+/-0.045 χ^2/NDF : 1849137.2/23

In: 179.122+/-0.069 χ^2/NDF : 747345.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.447+/-0.045 χ^2/NDF : 1849137.2/23

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -22.413+/-112.804 χ^2/NDF : 162.5/10

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

Right Out: -425.574+/-99.087 χ^2/NDF : 194.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

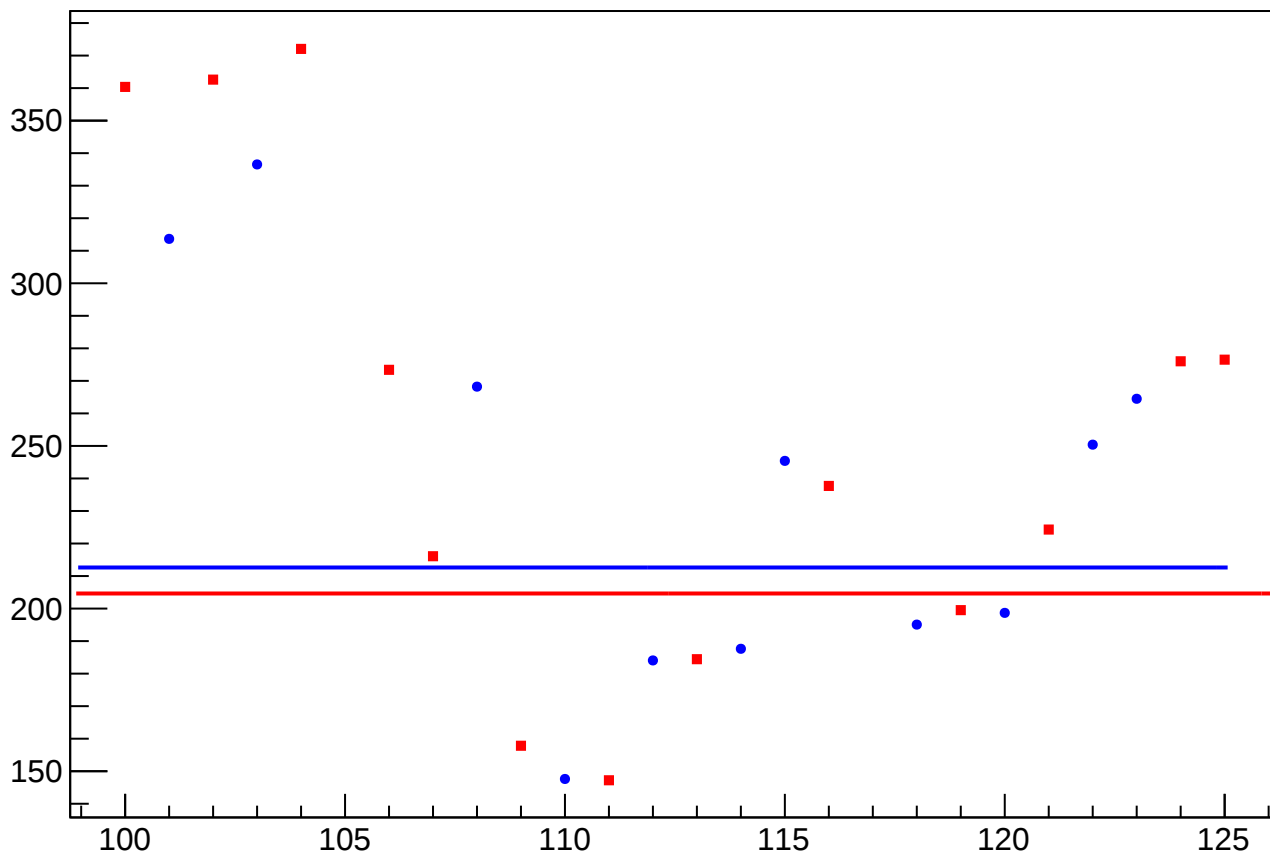
Right: -249.984+/-74.445 χ^2/NDF : 364.2/23

In: -22.413+/-112.804 χ^2/NDF : 162.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -249.984+/-74.445 χ^2/NDF : 364.2/23

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 212.630 ± 0.080 χ^2/NDF : 497598.7/10

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

Right Out: 204.637 ± 0.070 χ^2/NDF : 758846.9/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

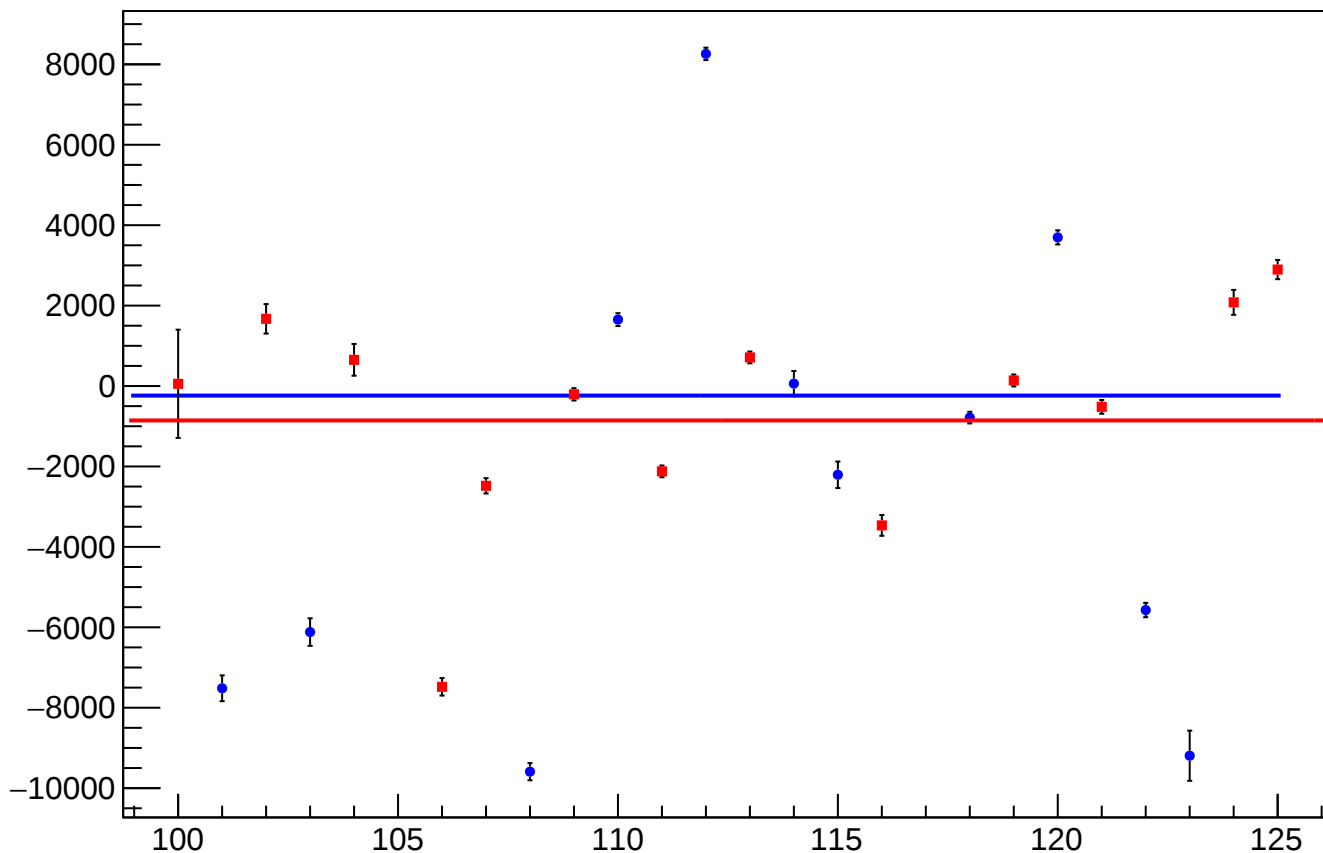
Right: 208.118 ± 0.053 χ^2/NDF : 1262114.4/23

In: 212.630 ± 0.080 χ^2/NDF : 497598.7/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 208.118 ± 0.053 χ^2/NDF : 1262114.4/23

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -237.661+/-62.660 χ^2/NDF : 7544.2/10

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

Right Out: -855.883+/-55.787 χ^2/NDF : 1754.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

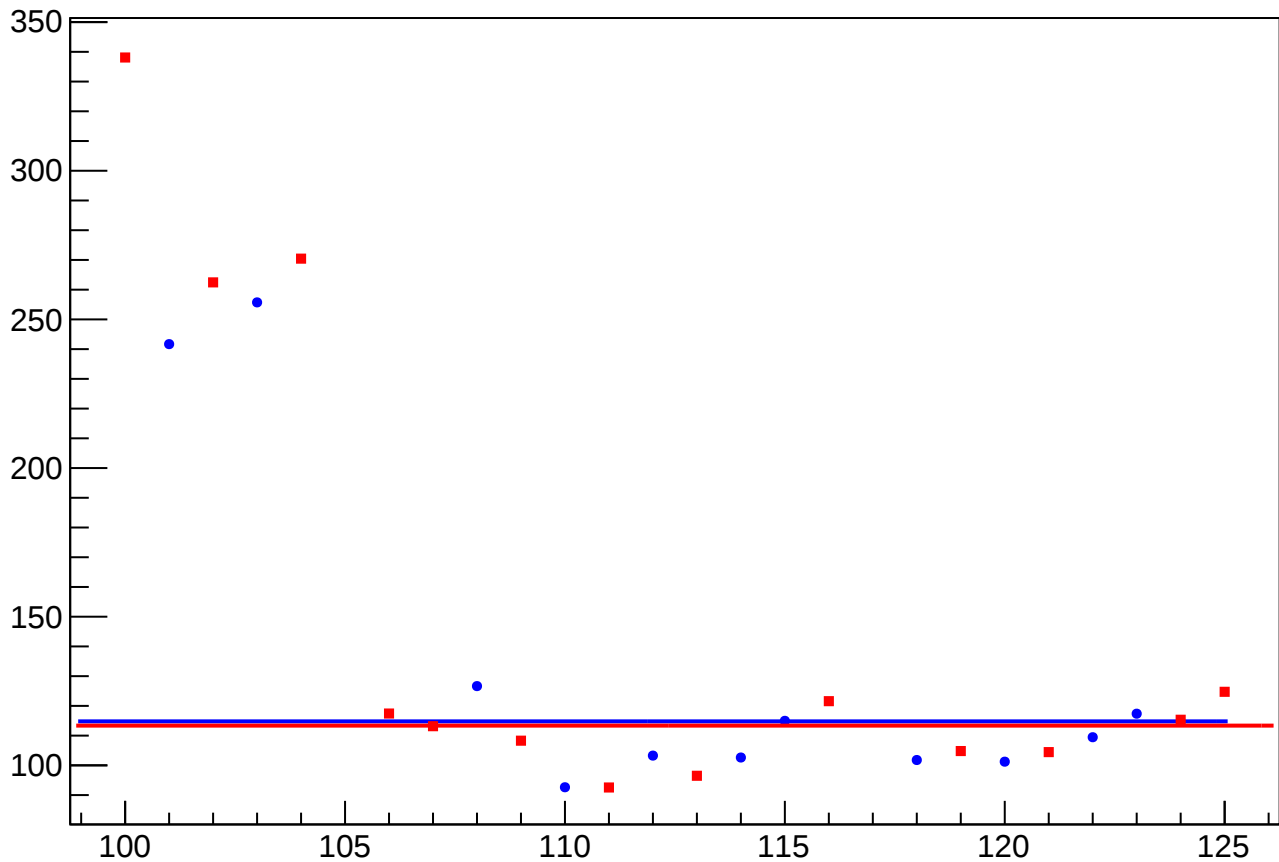
Right: -582.525+/-41.666 χ^2/NDF : 9353.3/23

In: -237.661+/-62.660 χ^2/NDF : 7544.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -582.525+/-41.666 χ^2/NDF : 9353.3/23

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 114.794+/-0.044 χ^2/NDF : 739861.6/10

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

Right Out: 113.363+/-0.039 χ^2/NDF : 792075.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

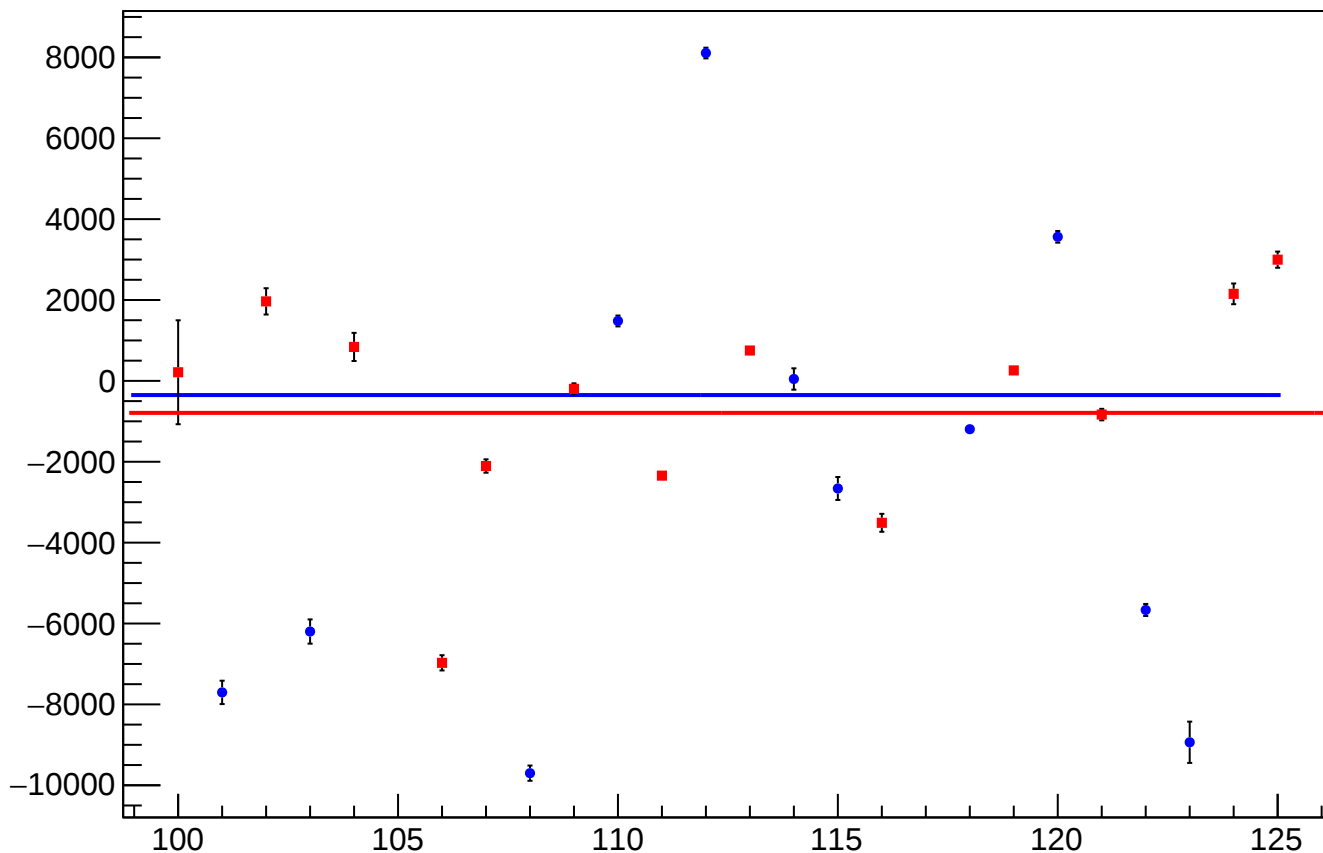
Right: 113.996+/-0.029 χ^2/NDF : 1532518.8/23

In: 114.794+/-0.044 χ^2/NDF : 739861.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.996+/-0.029 χ^2/NDF : 1532518.8/23

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: -350.526+/-52.984 χ^2/NDF : 10152.5/10

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

Right Out: -790.907+/-47.294 χ^2/NDF : 2284.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

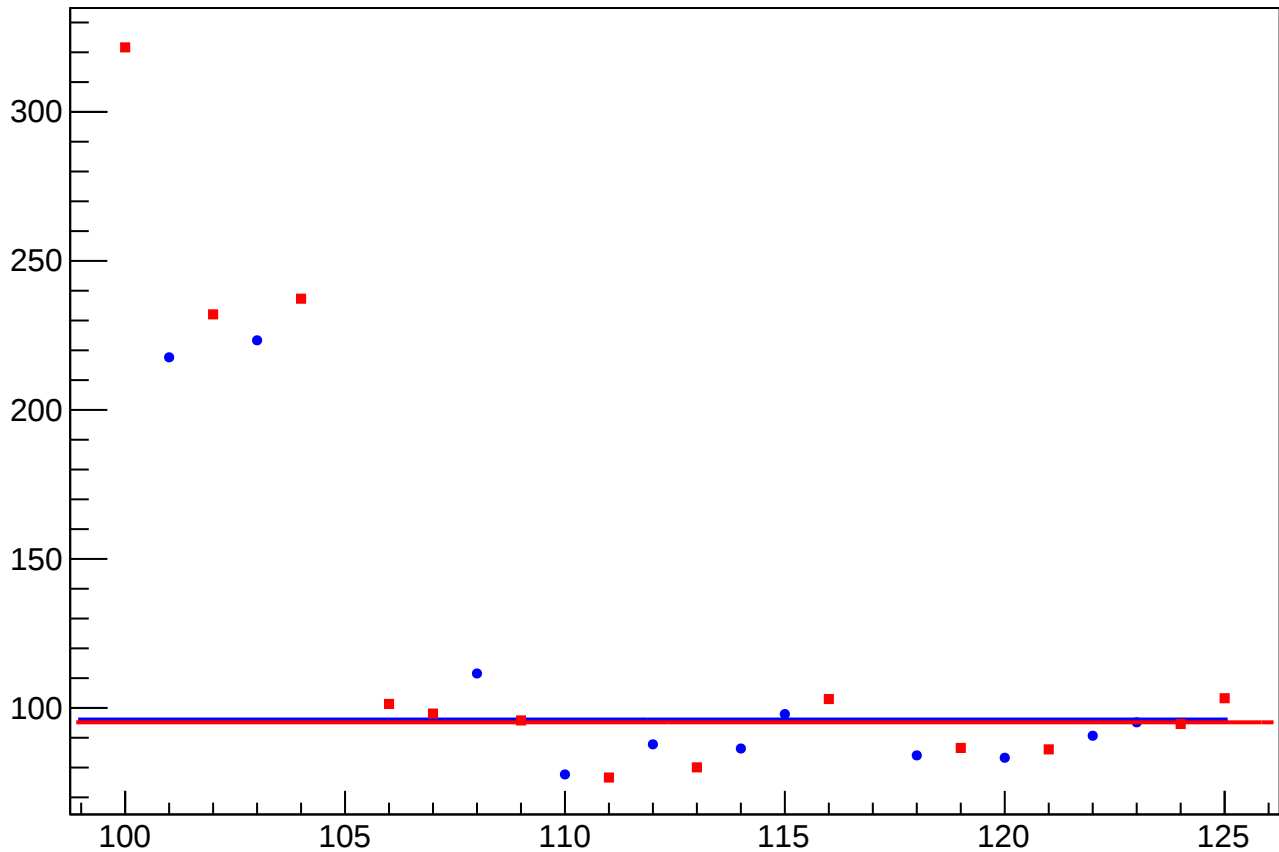
Right: -595.627+/-35.283 χ^2/NDF : 12475.4/23

In: -350.526+/-52.984 χ^2/NDF :10152.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -595.627+/-35.283 χ^2/NDF : 12475.4/23

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 96.117+/-0.037 χ^2/NDF : 813967.8/10

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

Right Out: 95.178+/-0.033 χ^2/NDF : 853869.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

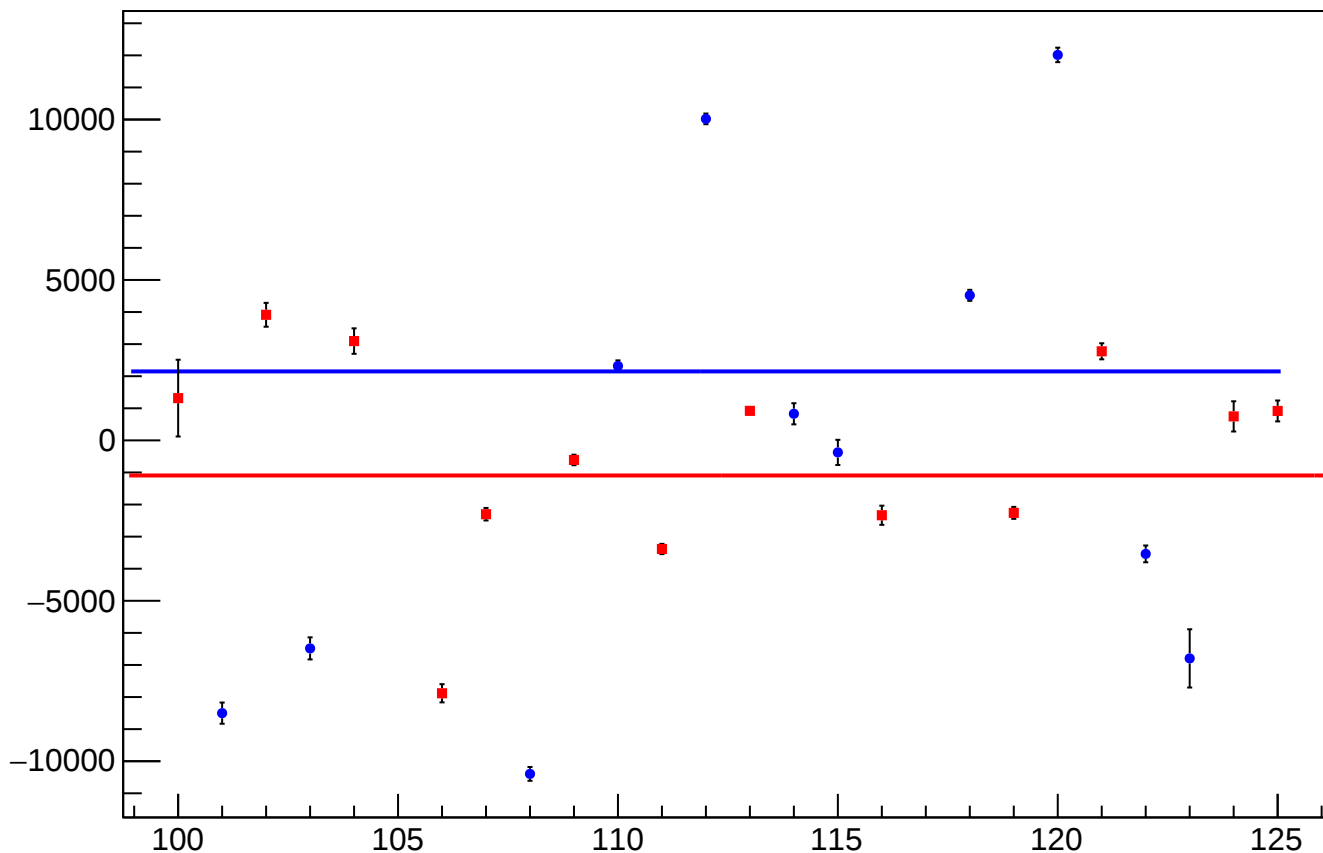
Right: 95.594+/-0.025 χ^2/NDF : 1668186.3/23

In: 96.117+/-0.037 χ^2/NDF : 813967.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.594+/-0.025 χ^2/NDF : 1668186.3/23

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 2149.435+/-71.849 χ^2/NDF : 10031.6/10

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

Right Out: -1093.977+/-64.627 χ^2/NDF : 1635.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

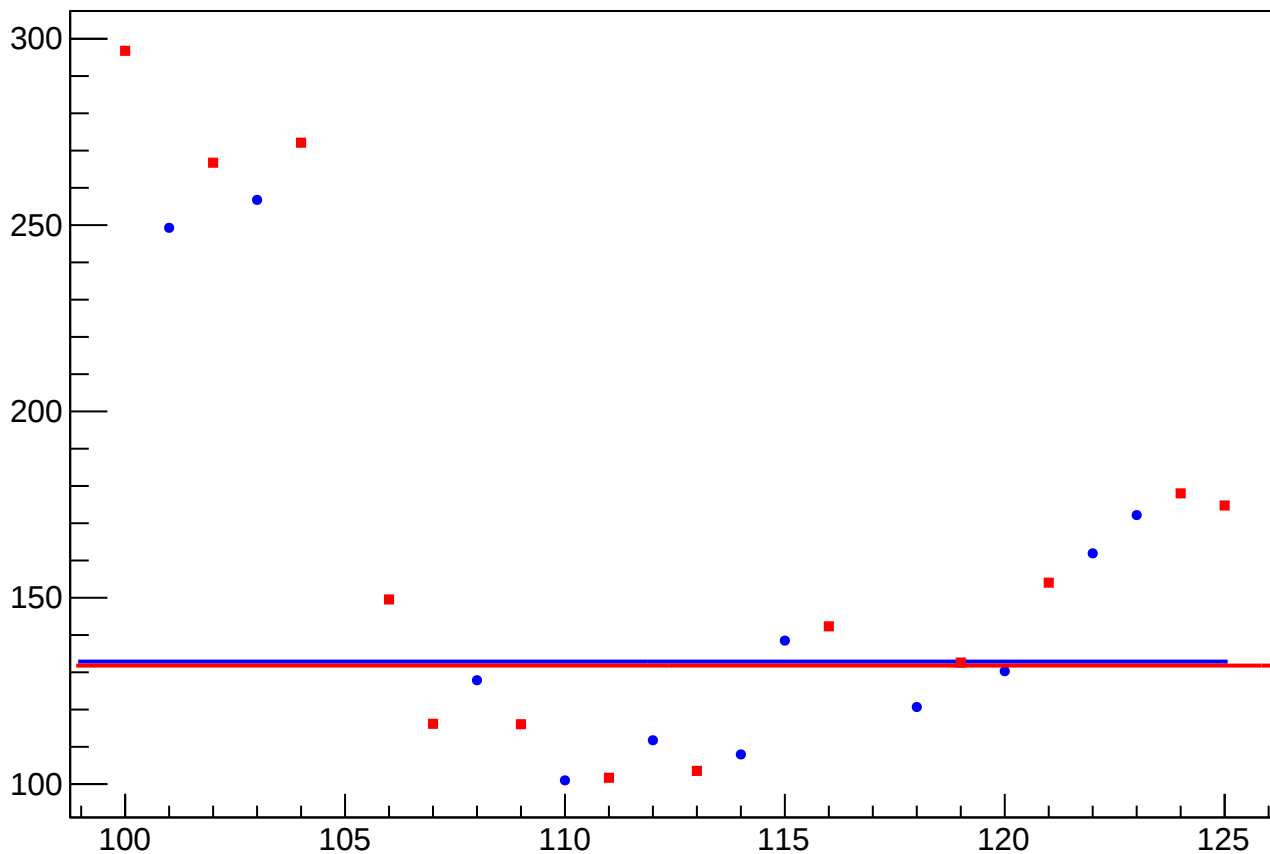
Right: 356.573+/-48.049 χ^2/NDF : 12793.0/23

In: 2149.435+/-71.849 χ^2/NDF :10031.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 356.573+/-48.049 χ^2/NDF : 12793.0/23

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 132.875+/-0.051 χ^2/NDF : 658731.1/10

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

Right Out: 131.797+/-0.046 χ^2/NDF : 797809.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

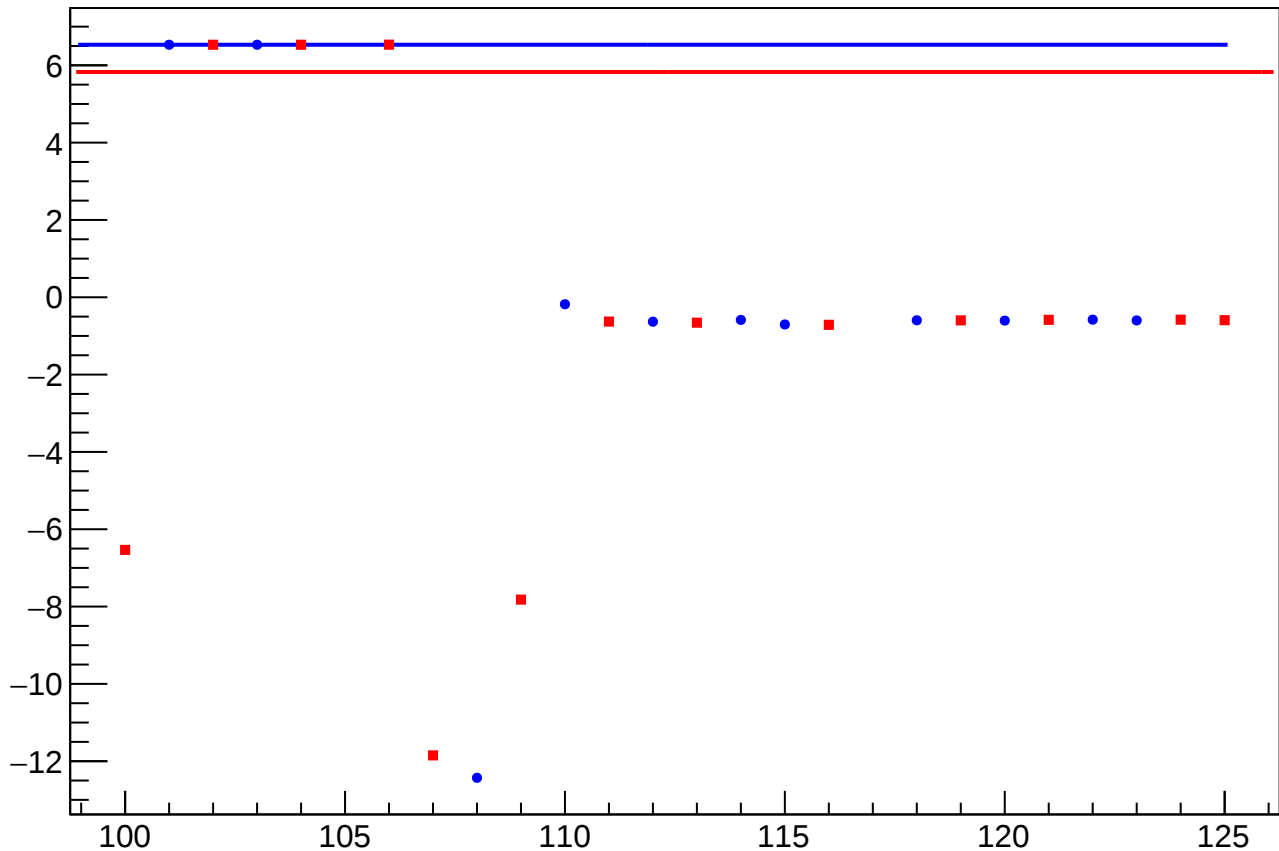
Right: 132.279+/-0.034 χ^2/NDF : 1456789.6/23

In: 132.875+/-0.051 χ^2/NDF : 658731.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.279+/-0.034 χ^2/NDF : 1456789.6/23

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 6.532+/-0.000 χ^2/NDF : 55536615770.9/10

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

Right Out: 5.828+/-0.000 χ^2/NDF : 755902530389829.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

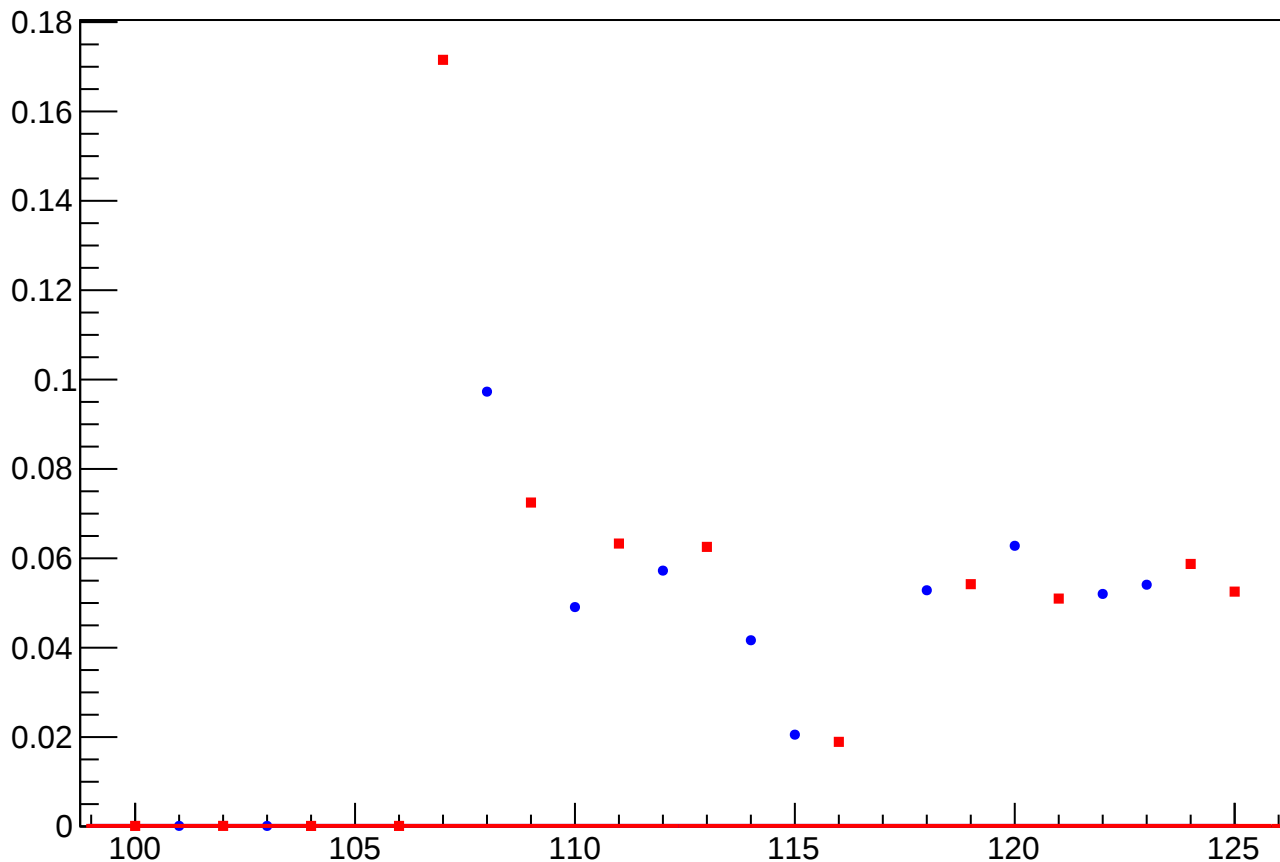
Right: 6.155+/-0.000 χ^2/NDF : 775963945513876.2

In: 6.532+/-0.000 χ^2/NDF : 55536615770.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.155+/-0.000 χ^2/NDF : 775963945513876.2

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4568108.2/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 5609164.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

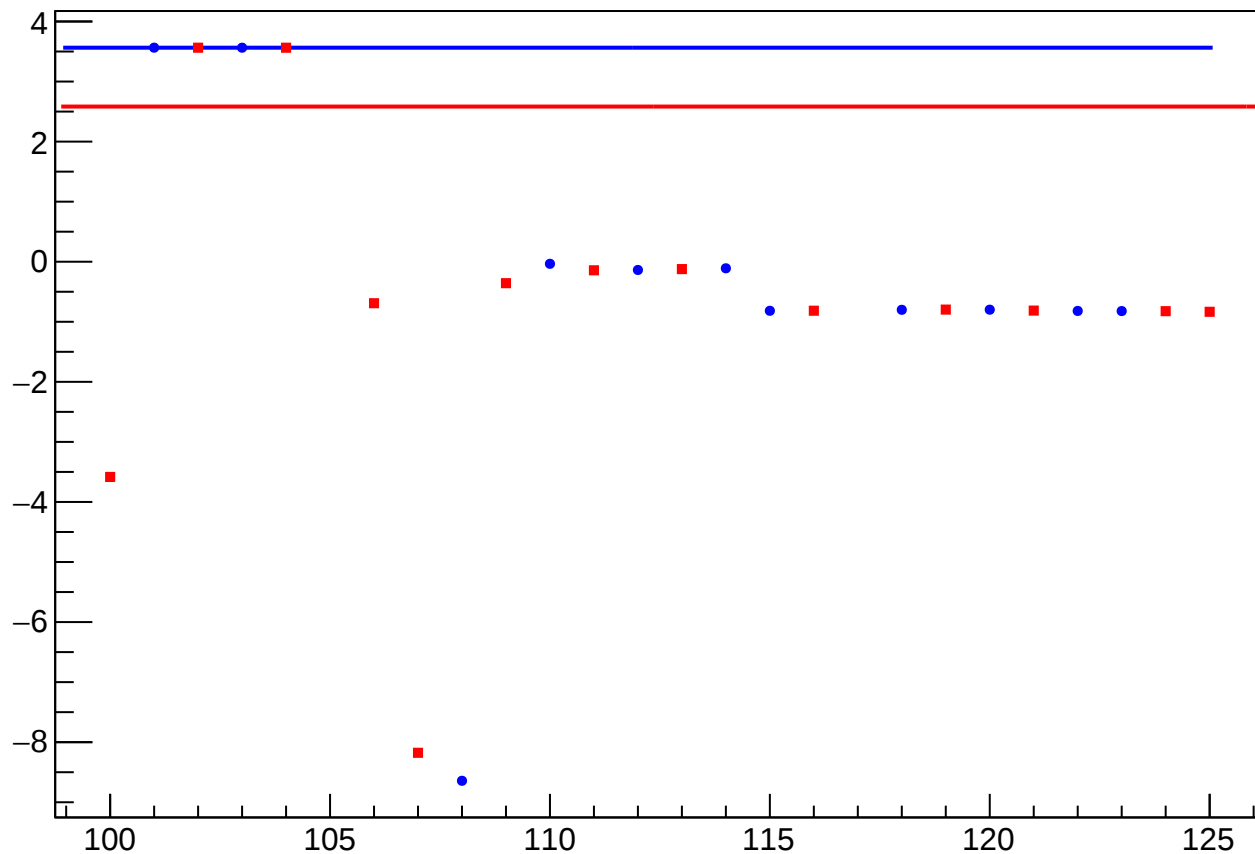
Right: 0.000+/-0.000 χ^2/NDF : 10177461.6/23

In: 0.000+/-0.000 χ^2/NDF : 4568108.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10177461.6/23

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 3.564+/-0.000 χ^2/NDF : 102980248848.4/10

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

Right Out: 2.584+/-0.000 χ^2/NDF : 1253303884396701.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

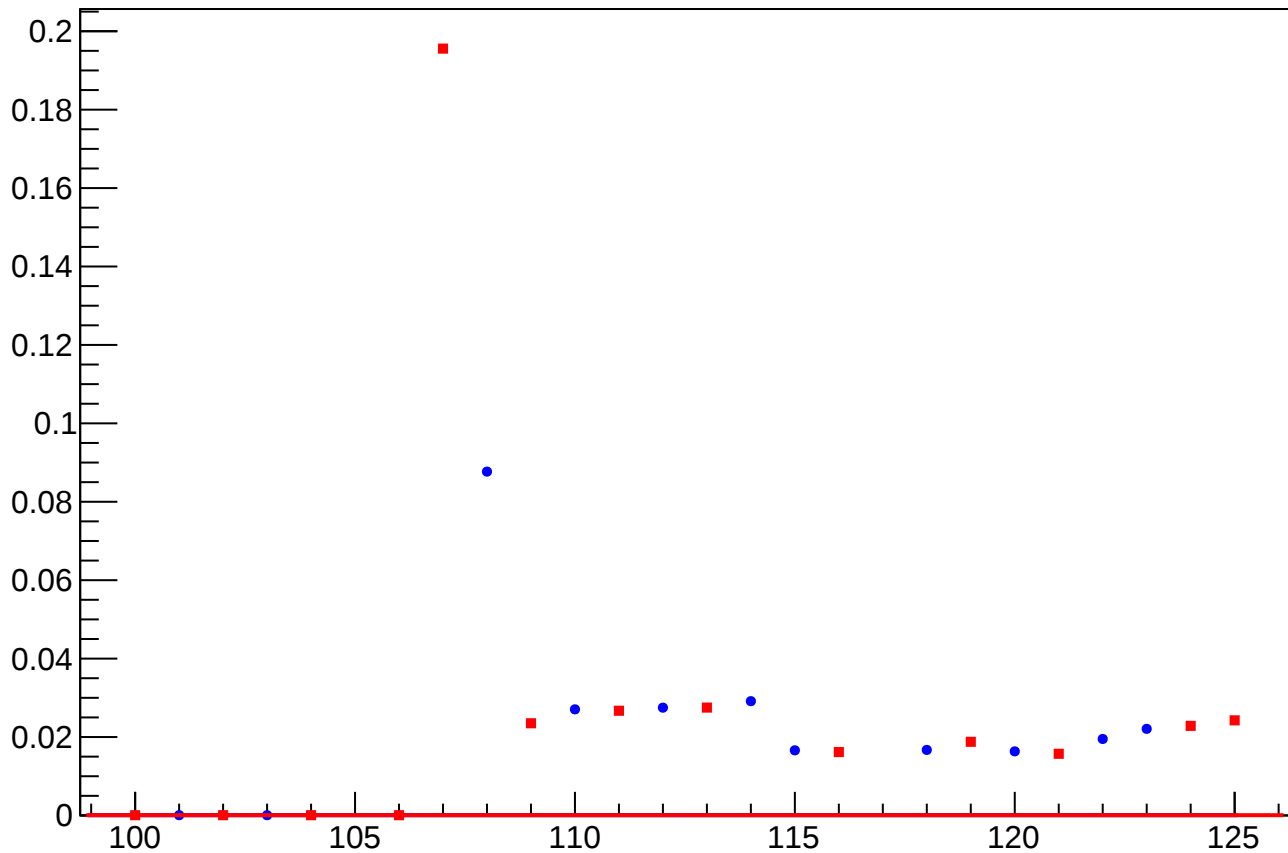
Right: 3.041+/-0.000 χ^2/NDF : 1381706277254829.0

In: 3.564+/-0.000 χ^2/NDF : 102980248848.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.041+/-0.000 χ^2/NDF : 1381706277254829.0

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4865370.9/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 5699881.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

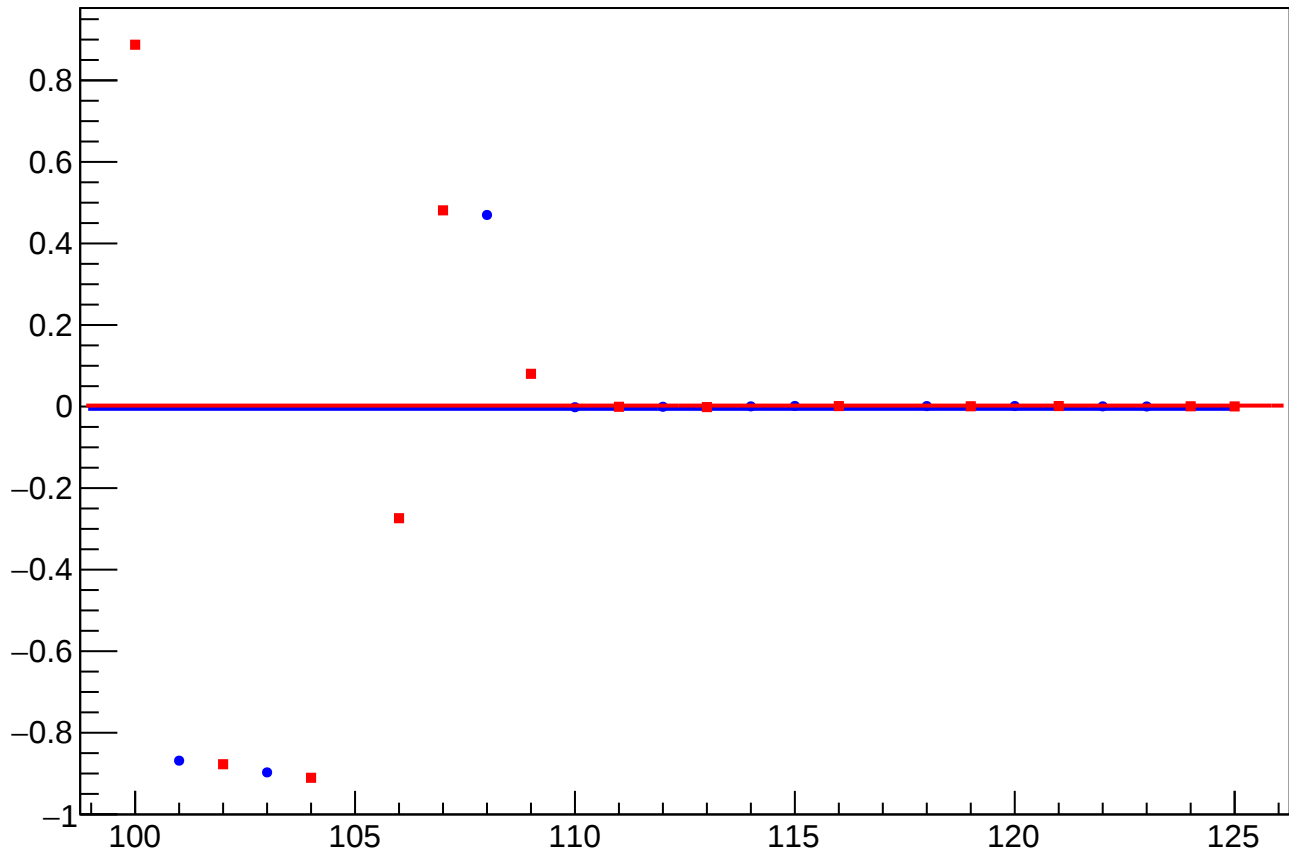
Right: 0.000+/-0.000 χ^2/NDF : 10565426.4/23

In: 0.000+/-0.000 χ^2/NDF : 4865370.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10565426.4/23

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.006+/-0.000 χ^2/NDF : 9780315305.1/10

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3038801009.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

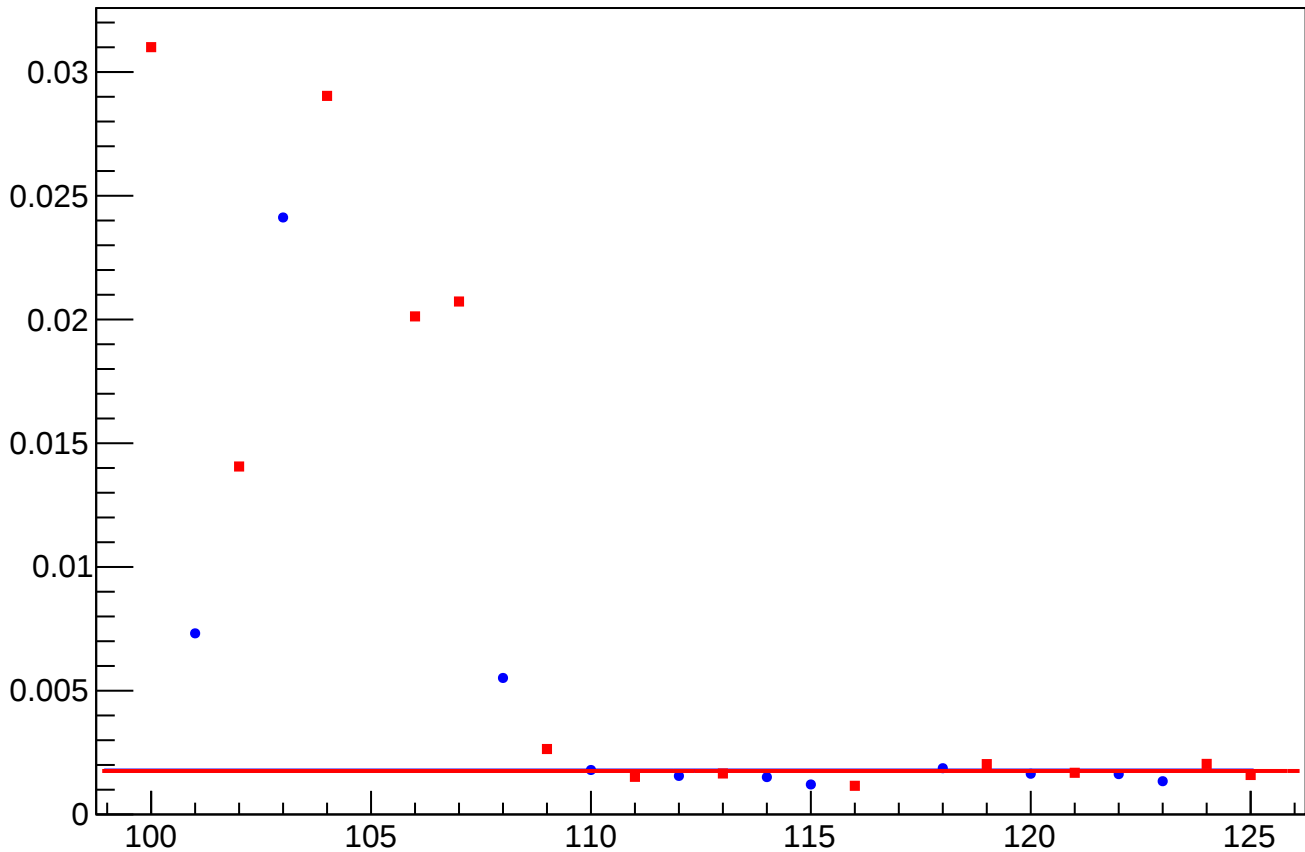
Right: -0.001+/-0.000 χ^2/NDF : 12844321041.3/23

In: -0.006+/-0.000 χ^2/NDF :9780315305.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.001+/-0.000 χ^2/NDF : 12844321041.3/23

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1718477.2/10

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

Right Out: 0.002+/-0.000 χ^2/NDF : 2853311.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

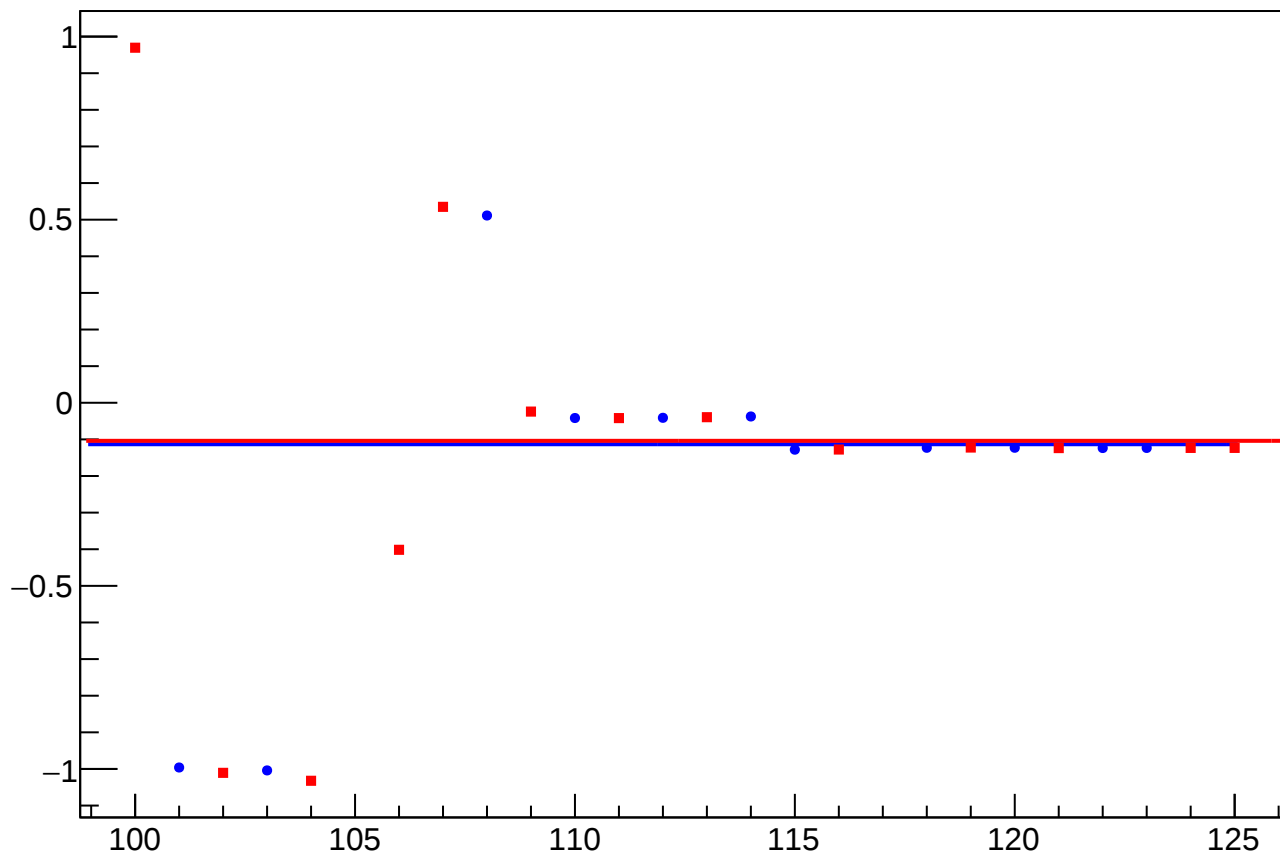
Right: 0.002+/-0.000 χ^2/NDF : 4572014.0/23

In: 0.002+/-0.000 χ^2/NDF : 1718477.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4572014.0/23

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.113+/-0.000 χ^2/NDF : 3885042021.2/10

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

Right Out: -0.104+/-0.000 χ^2/NDF : 2275593949.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

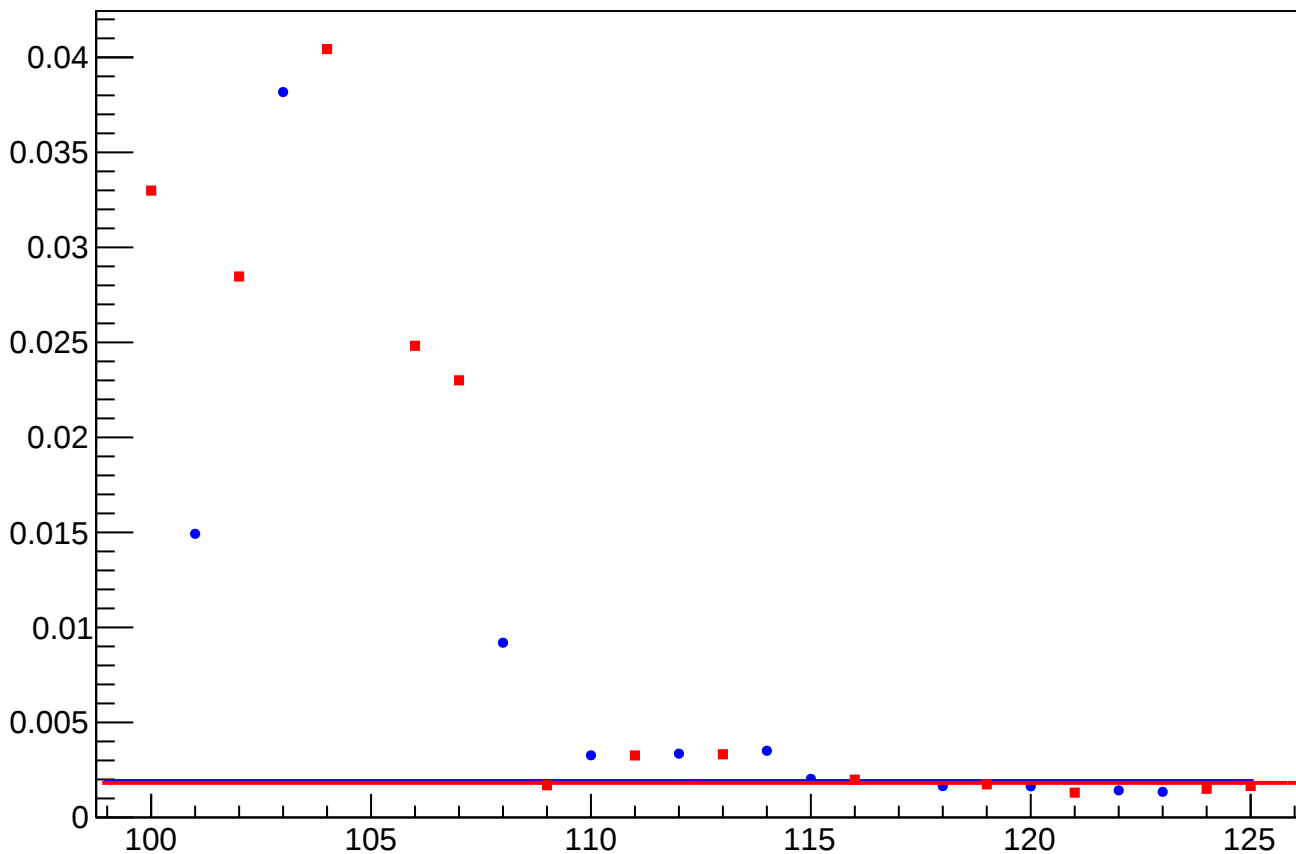
Right: -0.108+/-0.000 χ^2/NDF : 6190926631.3/23

In: -0.113+/-0.000 χ^2/NDF : 3885042021.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.108+/-0.000 χ^2/NDF : 6190926631.3/23

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 2594395.2/10

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

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 3266577.4/12

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

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

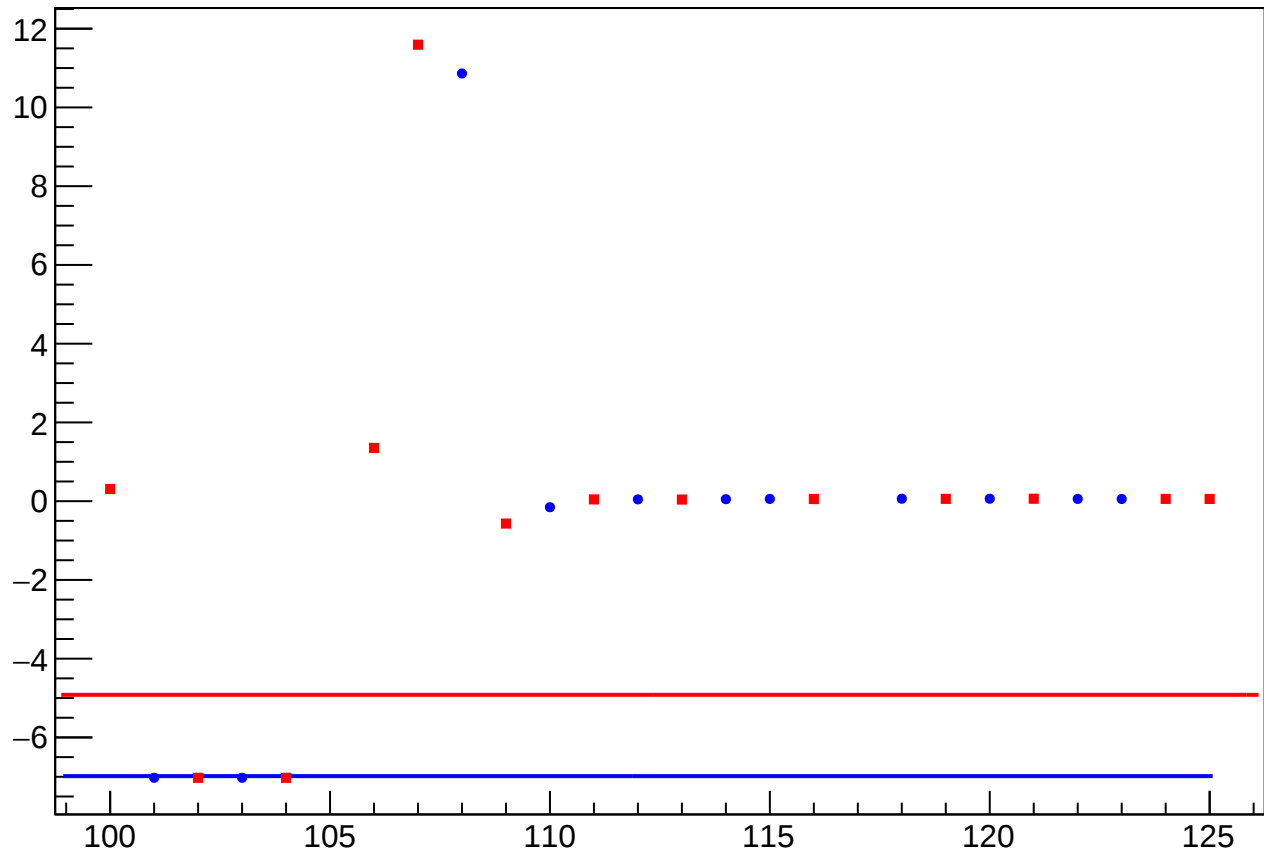
Right: 0.002 $\pm$ 0.000 χ^2 /NDF: 5867301.2/23

In: 0.002 $\pm$ 0.000 χ^2 /NDF:2594395.2/10

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

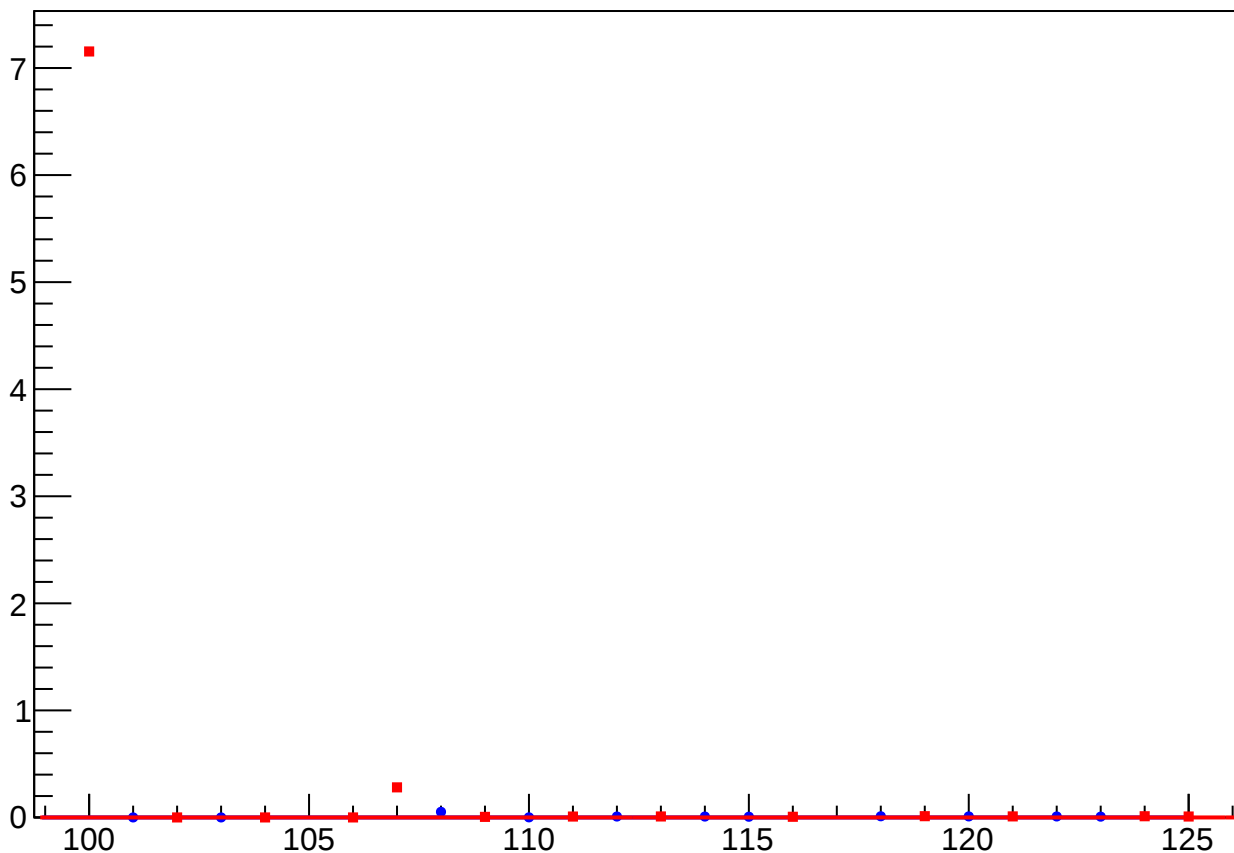
All: 0.002 $\pm$ 0.000 χ^2 /NDF: 5867301.2/23

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -6.983+/-0.000 χ^2/NDF : 7351668483399.2/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -4.918+/-0.000 χ^2/NDF : 364837942287148.2/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -5.905+/-0.000 χ^2/NDF : 428557098910525.7
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -5.905+/-0.000 χ^2/NDF : 428557098910525.7
 In: -6.983+/-0.000 χ^2/NDF : 7351668483399.2/10
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3981654.9/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 5124035.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

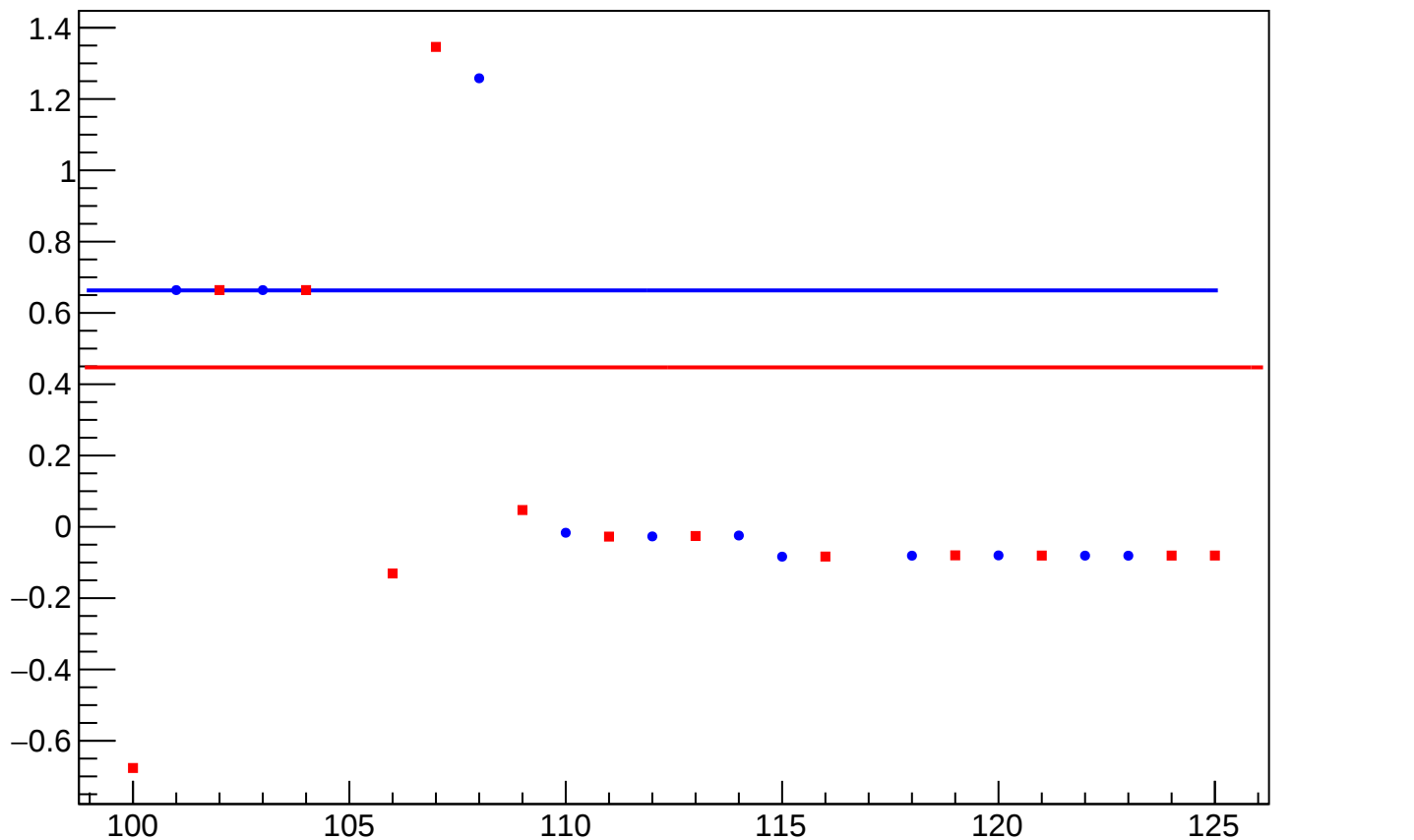
Right: 0.000+/-0.000 χ^2/NDF : 9105704.1/23

In: 0.000+/-0.000 χ^2/NDF : 3981654.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9105704.1/23

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.663+/-0.000

χ^2/NDF : 1731803808296.2/10

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.550+/-0.000 χ^2/NDF : 468915570297053.1

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.663+/-0.000 χ^2/NDF : 1731803808296.2/10

Right Out: 0.447+/-0.000

χ^2/NDF : 403846849145178.5/12

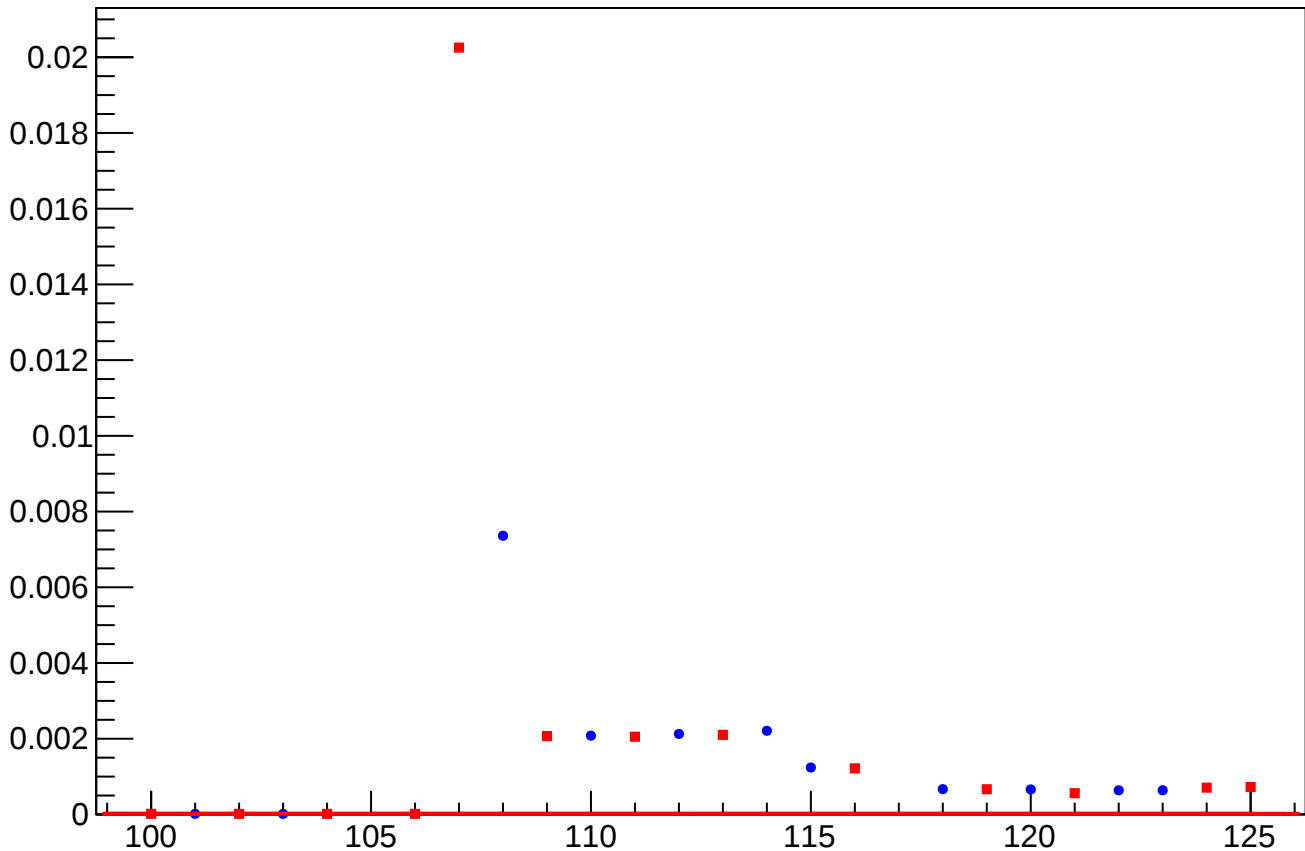
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.550+/-0.000 χ^2/NDF : 468915570297053.1

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4946057.4/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 5346692.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

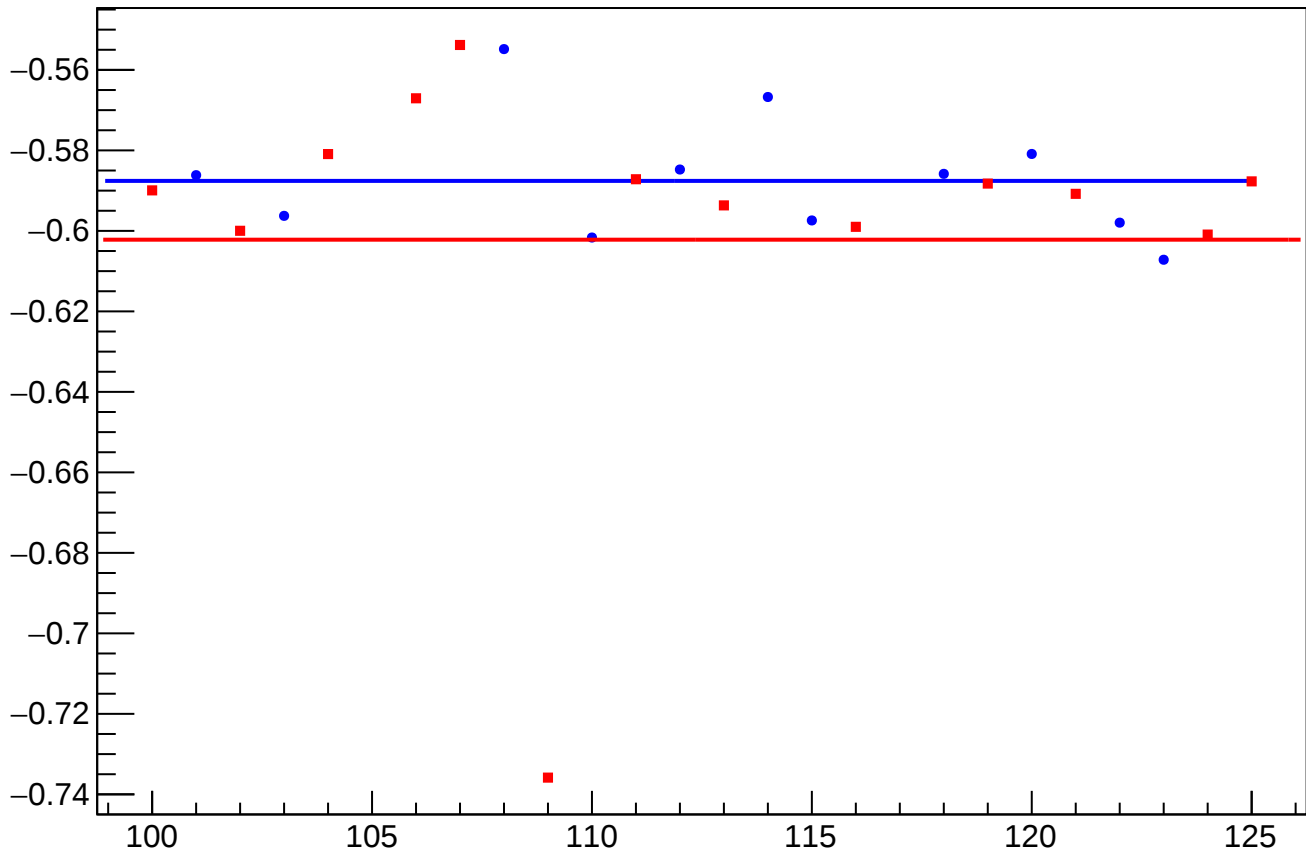
Right: 0.000+/-0.000 χ^2/NDF : 10293036.3/23

In: 0.000+/-0.000 χ^2/NDF : 4946057.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10293036.3/23

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.588+/-0.000 χ^2/NDF : 634512.6/10

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

Right Out: -0.602+/-0.000 χ^2/NDF : 10273561.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

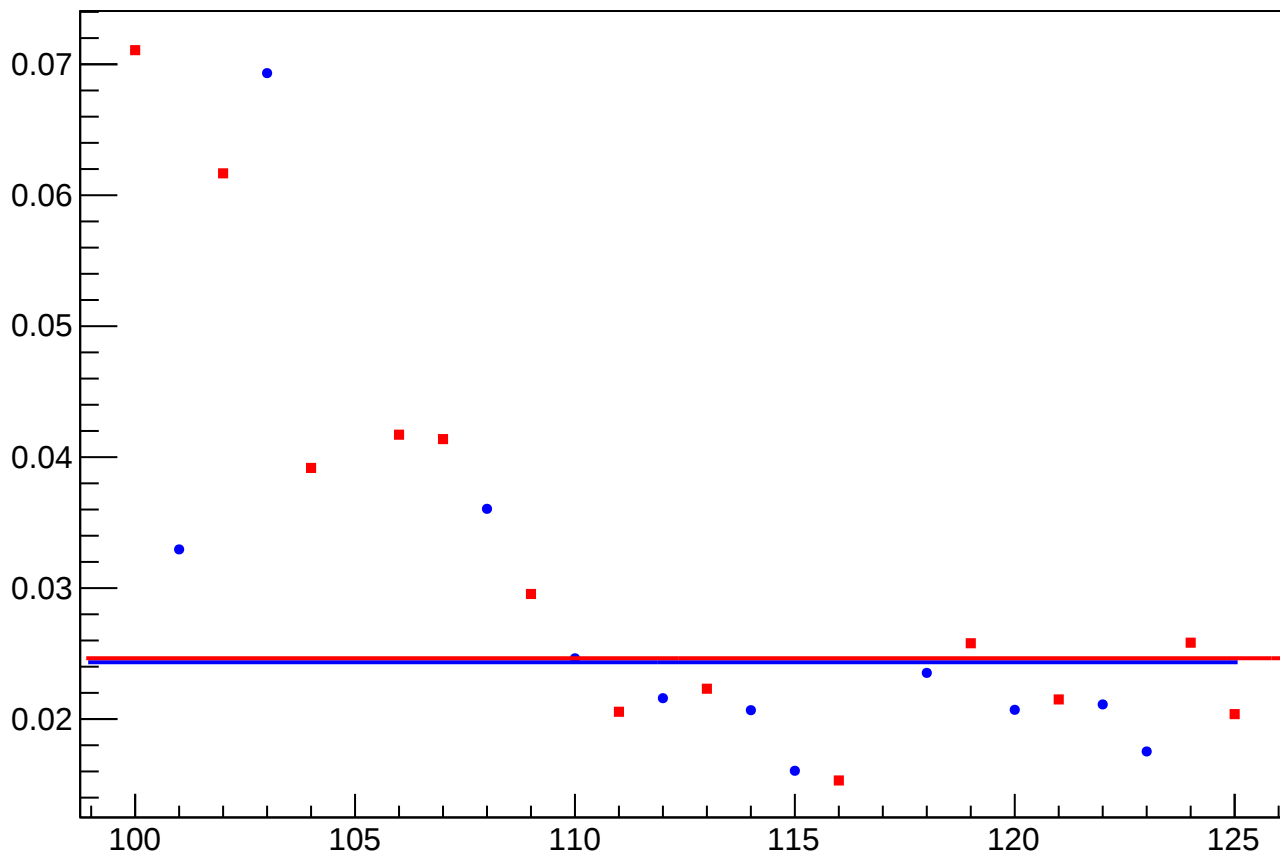
Right: -0.595+/-0.000 χ^2/NDF : 11481061.6/23

In: -0.588+/-0.000 χ^2/NDF :634512.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.595+/-0.000 χ^2/NDF : 11481061.6/23

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.024+/-0.000 χ^2/NDF : 715087.9/10

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

Right Out: 0.025+/-0.000 χ^2/NDF : 929480.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

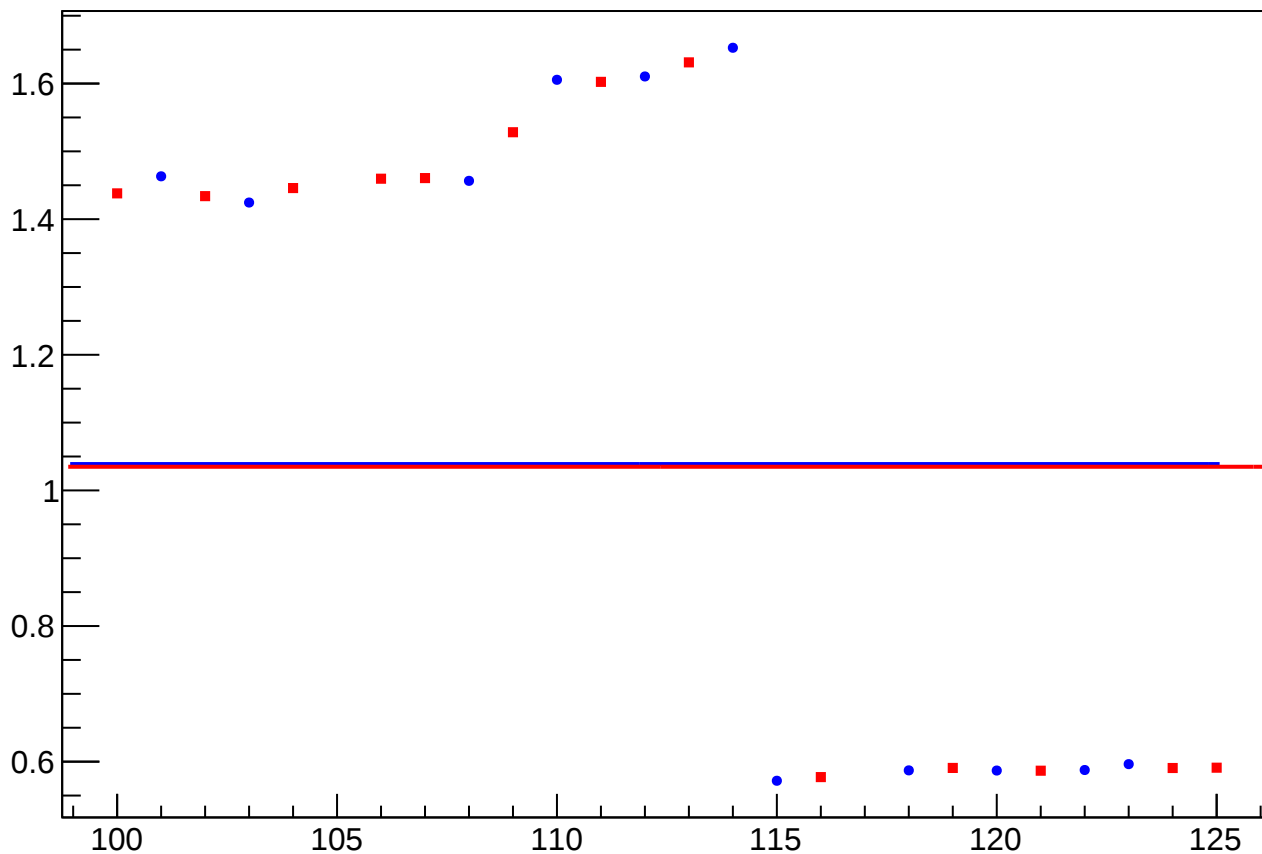
Right: 0.025+/-0.000 χ^2/NDF : 1645072.1/23

In: 0.024+/-0.000 χ^2/NDF : 715087.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.000 χ^2/NDF : 1645072.1/23

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 1.039+/-0.000 χ^2/NDF : 2294913975.5/10

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

Right Out: 1.035+/-0.000 χ^2/NDF : 2895819511.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

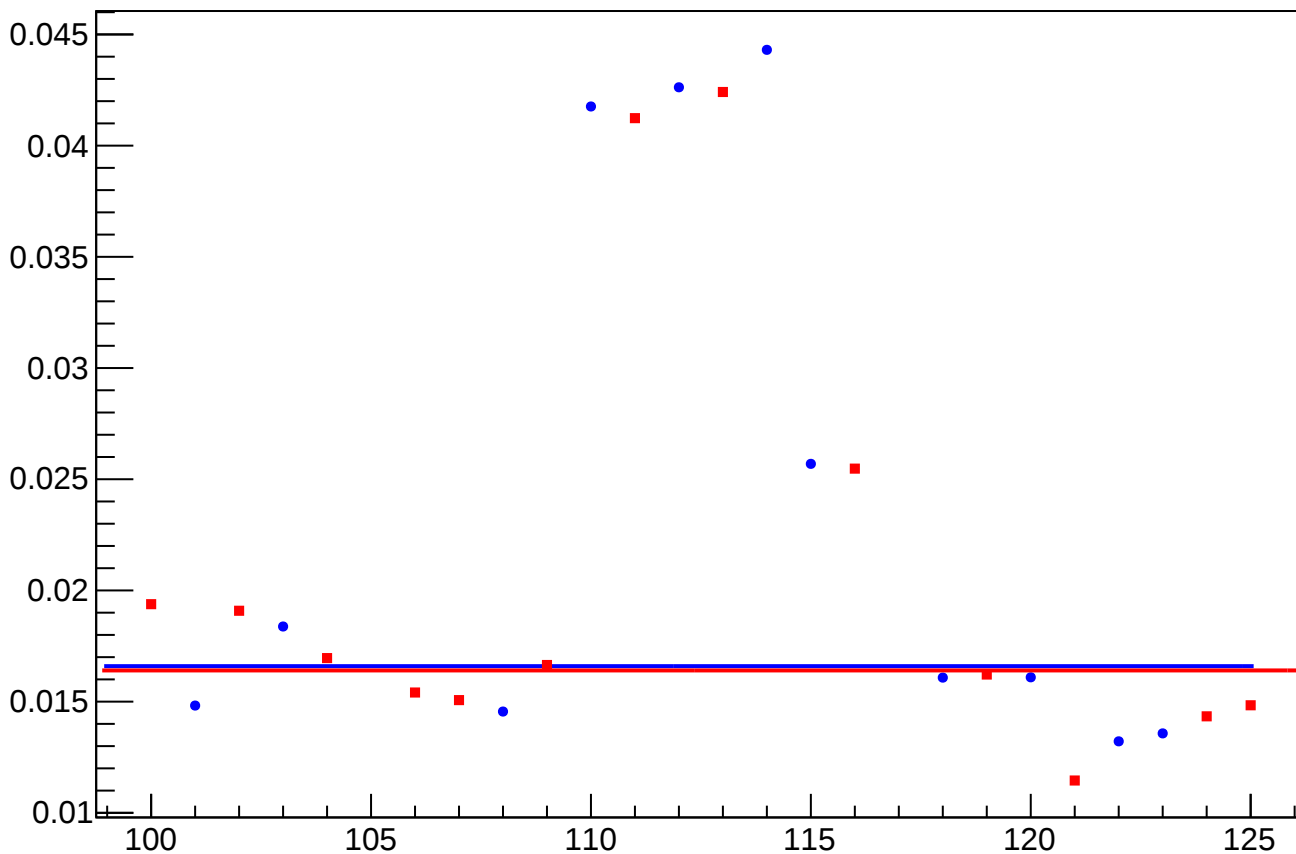
Right: 1.037+/-0.000 χ^2/NDF : 5190837896.4/23

In: 1.039+/-0.000 χ^2/NDF : 2294913975.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.037+/-0.000 χ^2/NDF : 5190837896.4/23

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 773748.1/10

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

Right Out: 0.016+/-0.000 χ^2/NDF : 863848.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

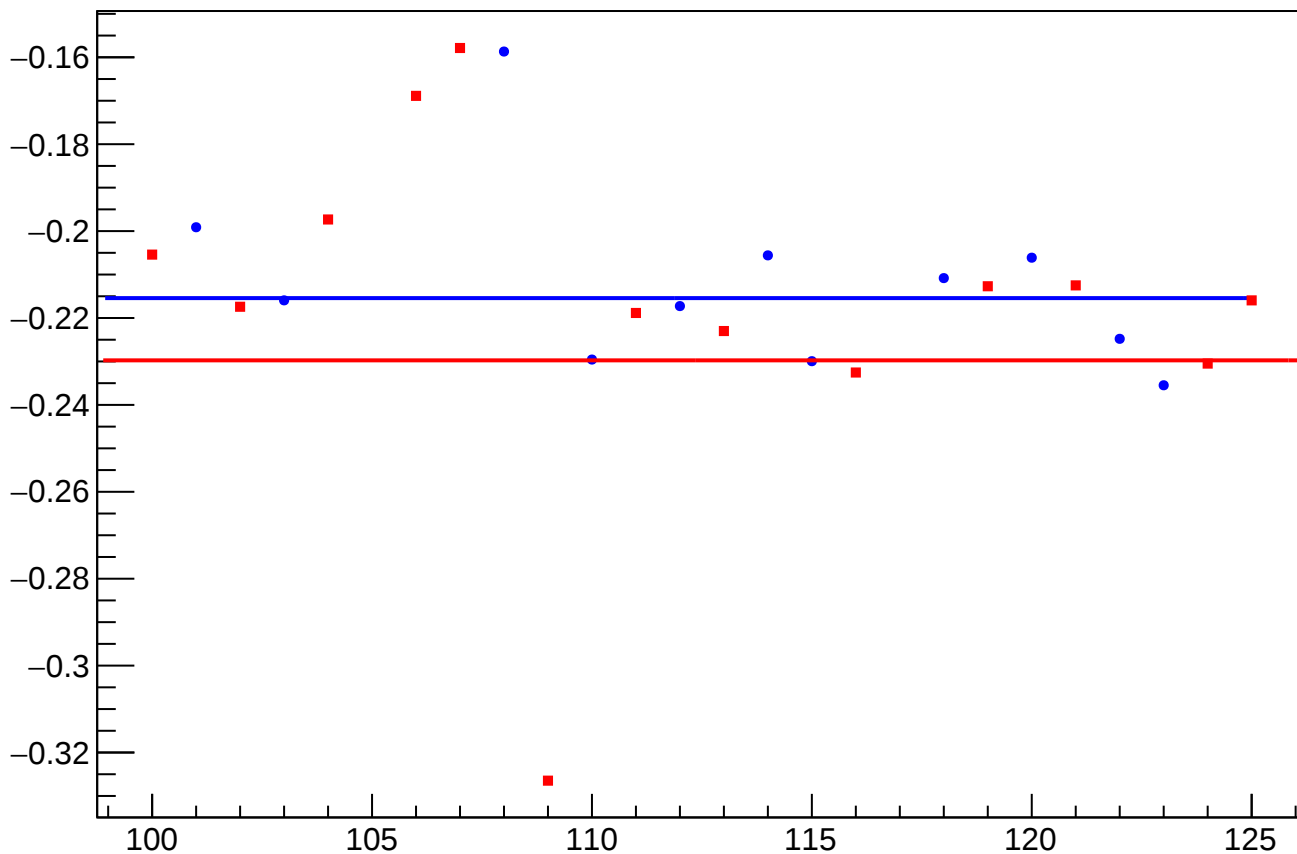
Right: 0.016+/-0.000 χ^2/NDF : 1638082.3/23

In: 0.017+/-0.000 χ^2/NDF : 773748.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 1638082.3/23

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.215+/-0.000 χ^2/NDF : 1431073.3/10

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

Right Out: -0.230+/-0.000 χ^2/NDF : 11305039.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

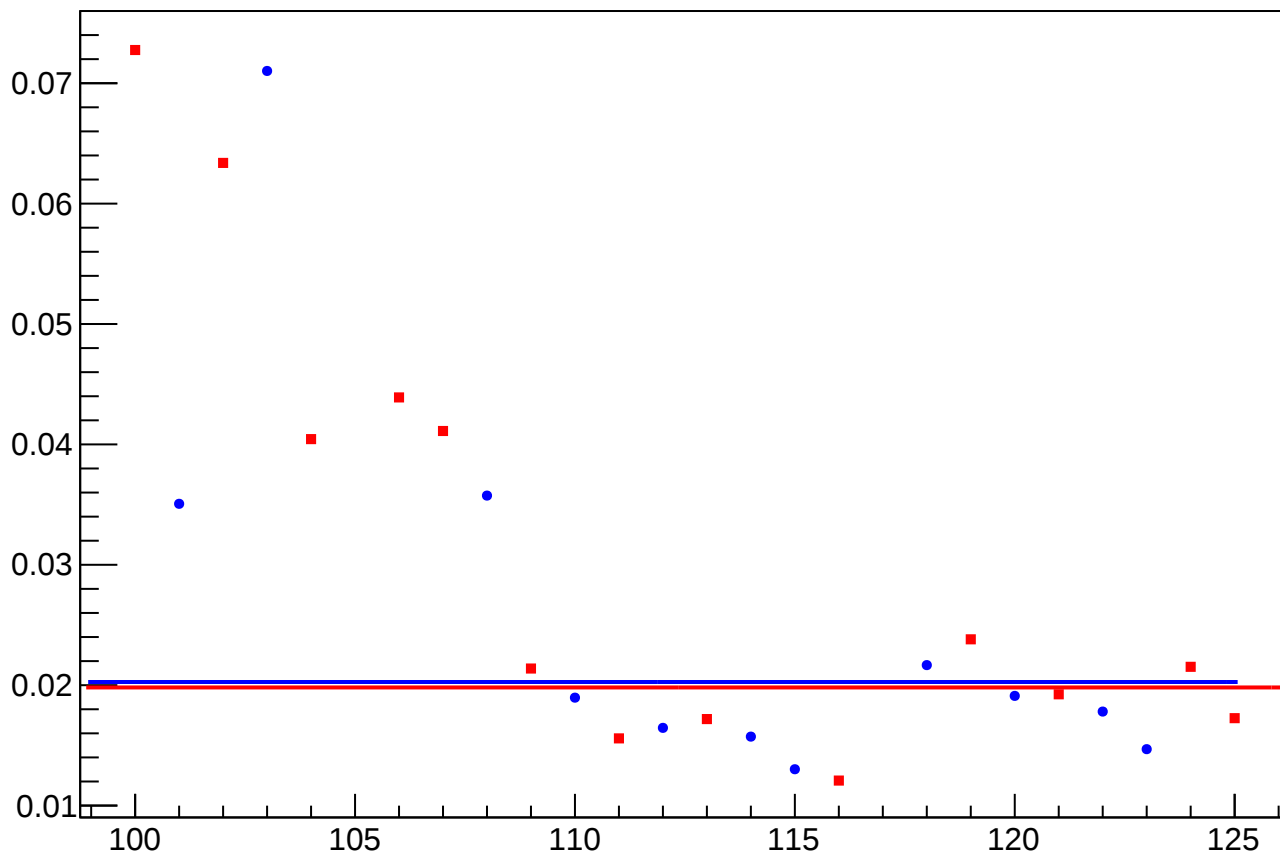
Right: -0.223+/-0.000 χ^2/NDF : 13517417.6/23

In: -0.215+/-0.000 χ^2/NDF :1431073.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.223+/-0.000 χ^2/NDF : 13517417.6/23

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1012121.5/10

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

Right Out: 0.020+/-0.000 χ^2/NDF : 1304435.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

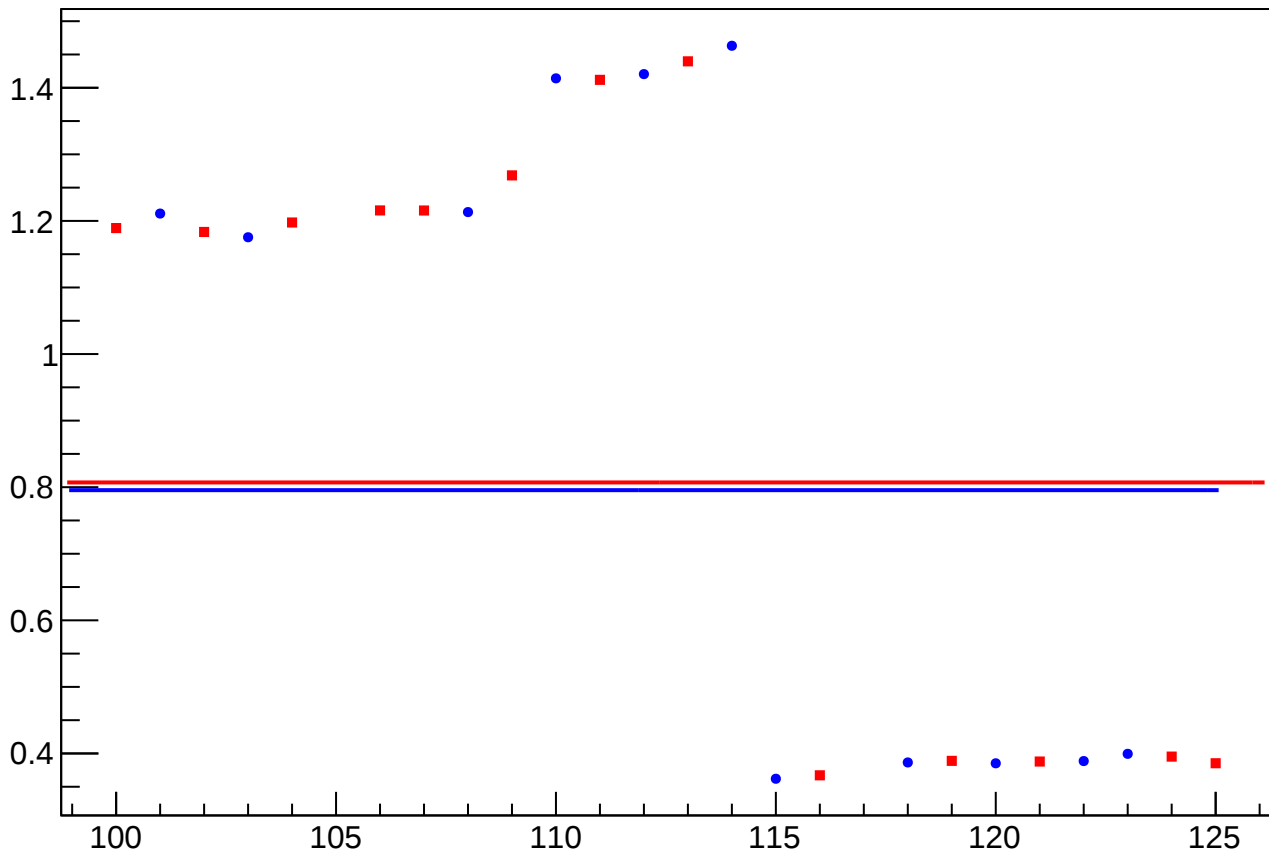
Right: 0.020+/-0.000 χ^2/NDF : 2318119.7/23

In: 0.020+/-0.000 χ^2/NDF :1012121.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.020+/-0.000 χ^2/NDF : 2318119.7/23

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.796+/-0.000 χ^2/NDF : 3160554337.8/10

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

Right Out: 0.807+/-0.000 χ^2/NDF : 3619789360.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

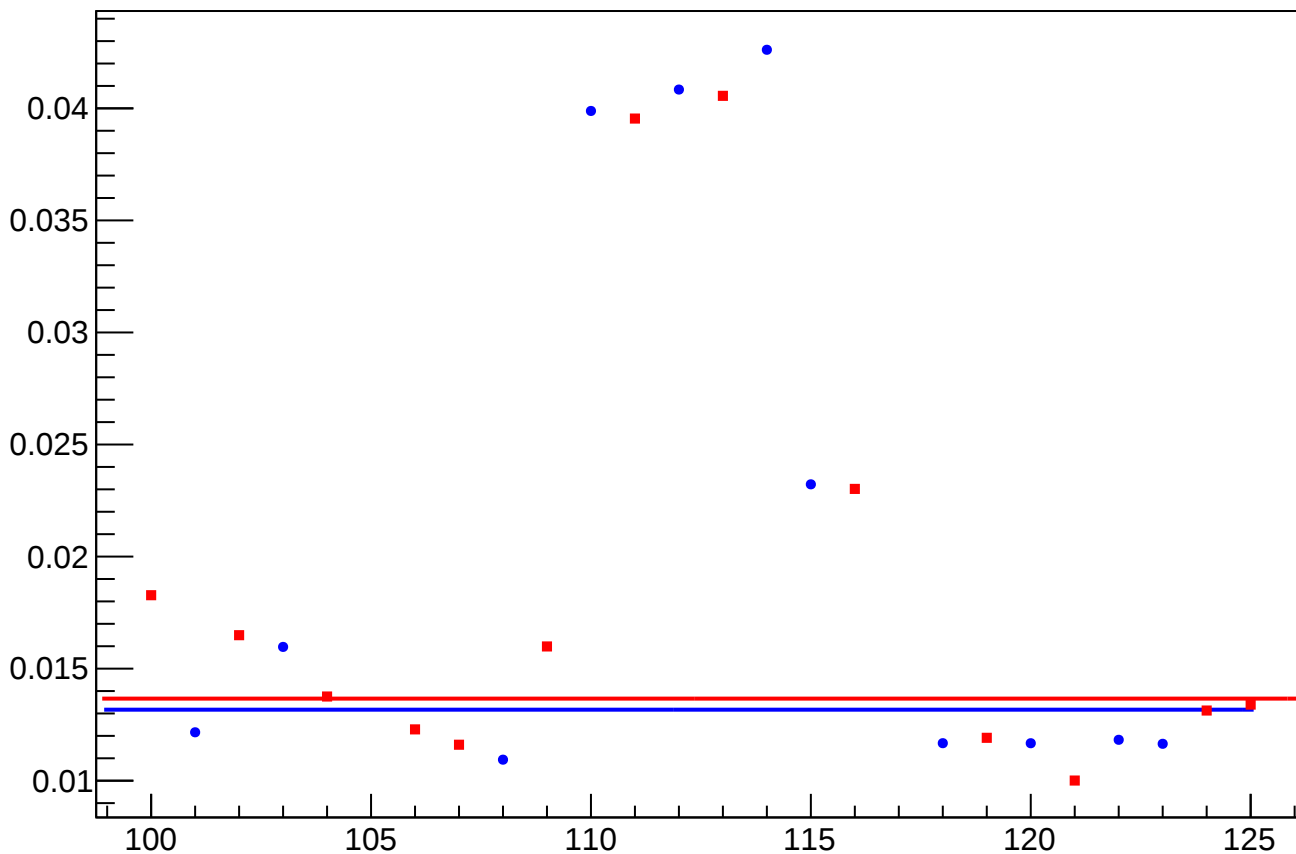
Right: 0.802+/-0.000 χ^2/NDF : 6781644963.1/23

In: 0.796+/-0.000 χ^2/NDF :3160554337.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.802+/-0.000 χ^2/NDF : 6781644963.1/23

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 944781.6/10

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

Right Out: 0.014+/-0.000 χ^2/NDF : 1002619.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

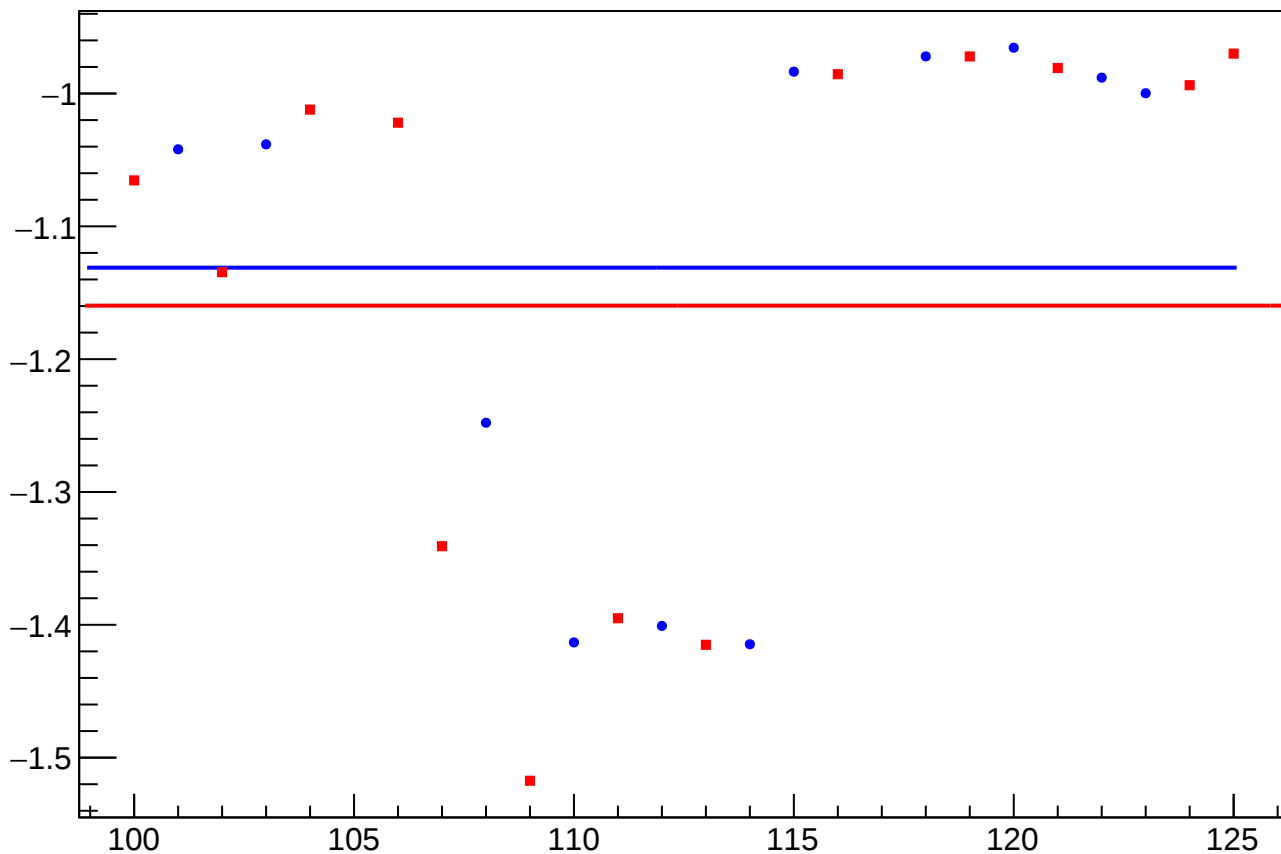
Right: 0.013+/-0.000 χ^2/NDF : 1952120.0/23

In: 0.013+/-0.000 χ^2/NDF : 944781.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 1952120.0/23

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.131 ± 0.000 χ^2/NDF : 193903563.1/10

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

Right Out: -1.160 ± 0.000 χ^2/NDF : 282213486.0/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

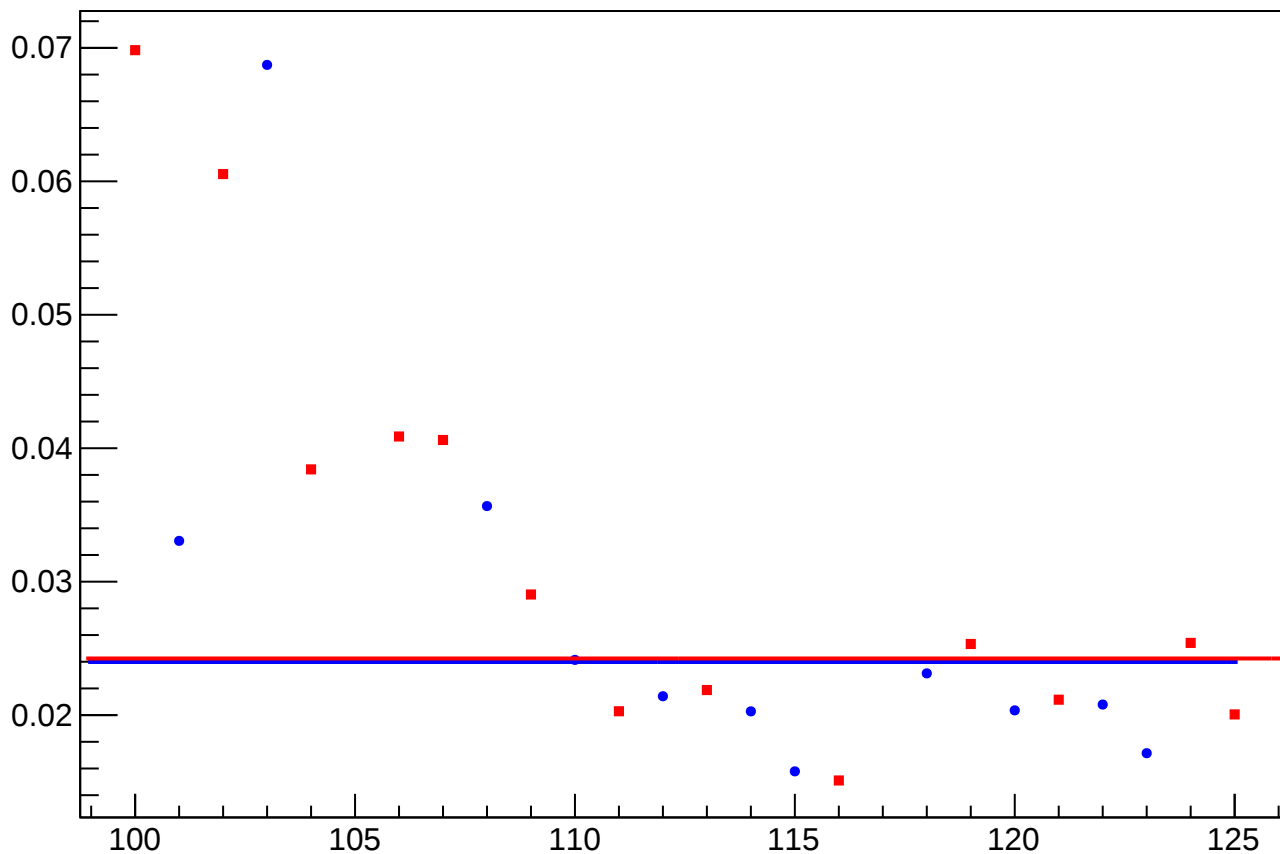
Right: -1.147 ± 0.000 χ^2/NDF : 478377828.8/23

In: -1.131 ± 0.000 χ^2/NDF : 193903563.1/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.147 ± 0.000 χ^2/NDF : 478377828.8/23

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.024+/-0.000 χ^2/NDF : 725067.3/10

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

Right Out: 0.024+/-0.000 χ^2/NDF : 922398.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

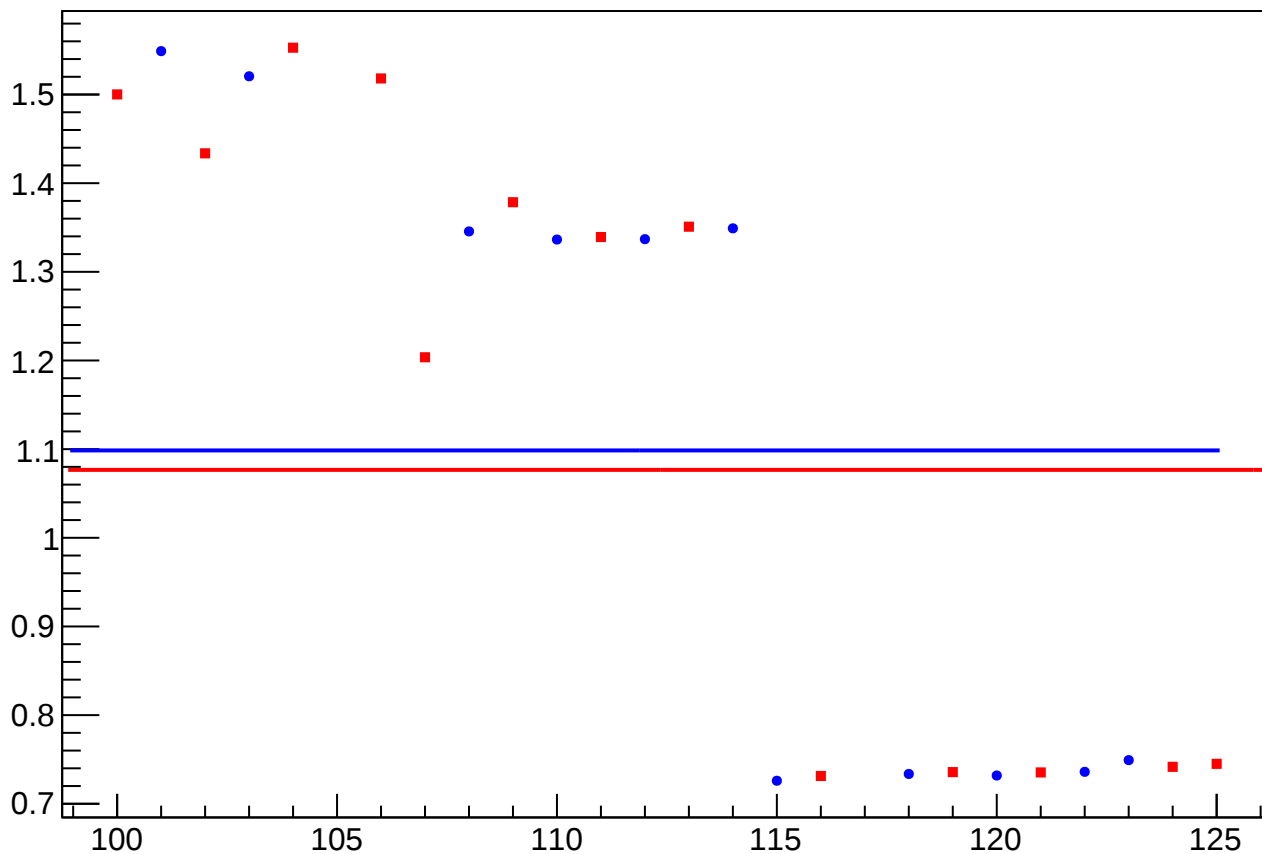
Right: 0.024+/-0.000 χ^2/NDF : 1647844.3/23

In: 0.024+/-0.000 χ^2/NDF : 725067.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1647844.3/23

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.099+/-0.000 χ^2/NDF : 1562530580.0/10

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

Right Out: 1.077+/-0.000 χ^2/NDF : 1754678630.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

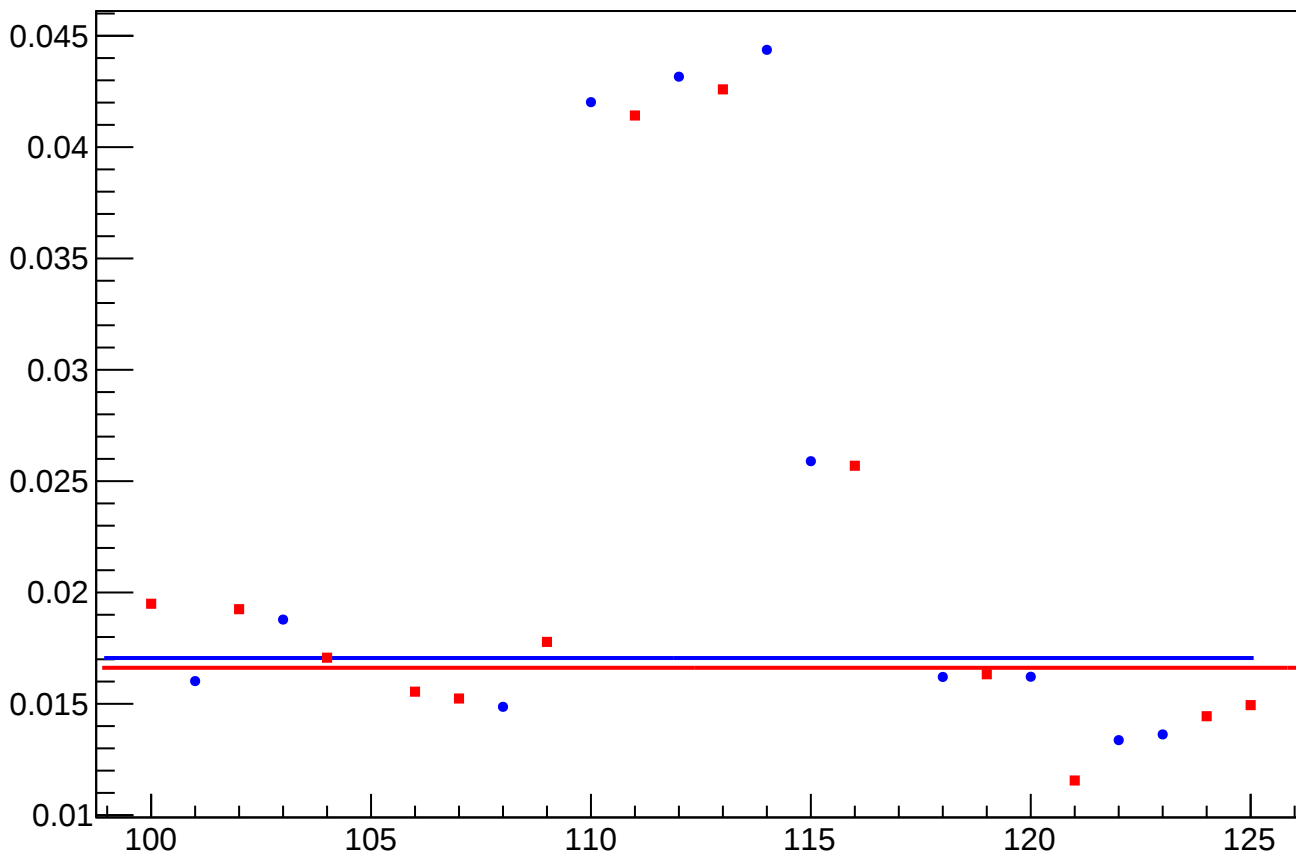
Right: 1.086+/-0.000 χ^2/NDF : 3320234465.4/23

In: 1.099+/-0.000 χ^2/NDF :1562530580.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.086+/-0.000 χ^2/NDF : 3320234465.4/23

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 757486.0/10

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

Right Out: 0.017+/-0.000 χ^2/NDF : 863167.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

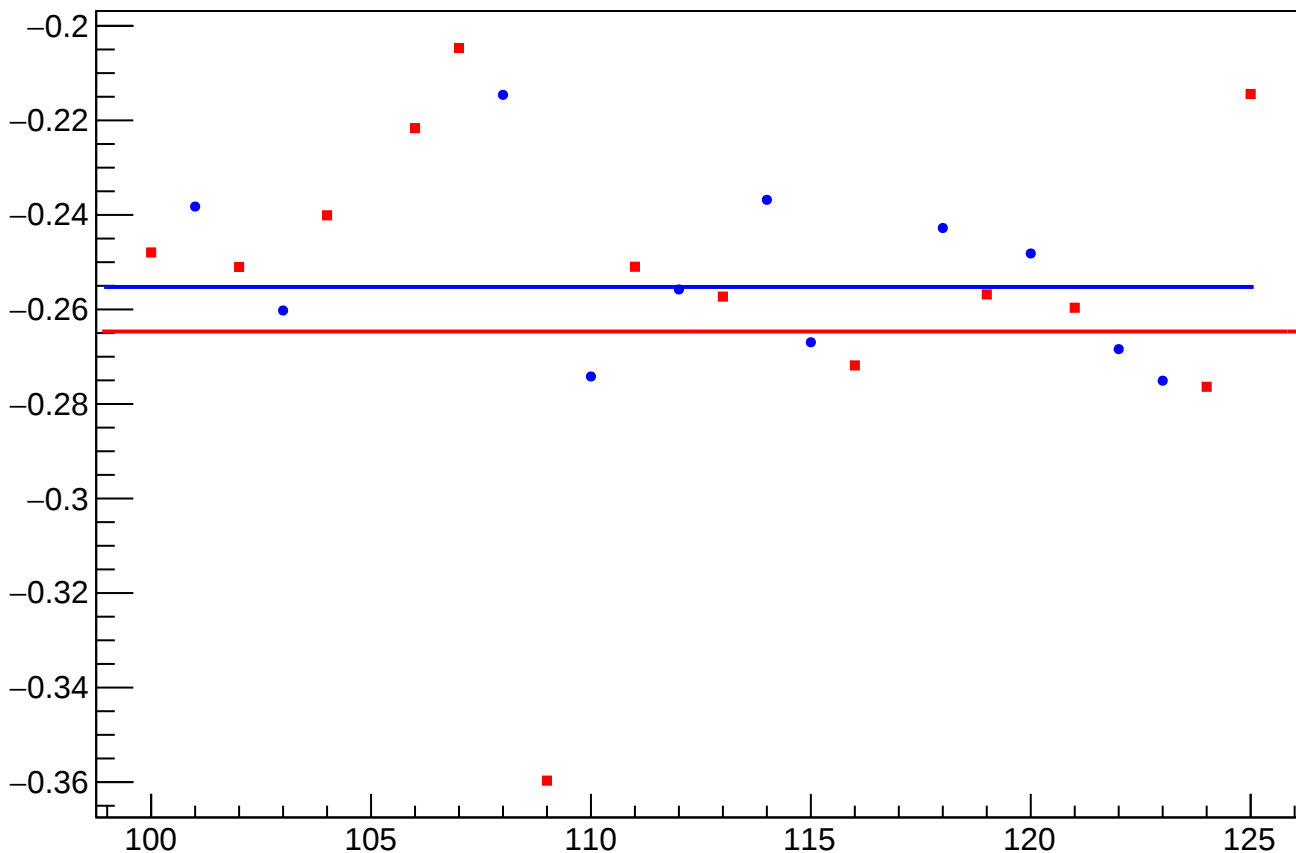
Right: 0.017+/-0.000 χ^2/NDF : 1623078.9/23

In: 0.017+/-0.000 χ^2/NDF : 757486.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.000 χ^2/NDF : 1623078.9/23

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.255+/-0.000 χ^2/NDF : 1391027.4/10

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

Right Out: -0.265+/-0.000 χ^2/NDF : 11887845.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

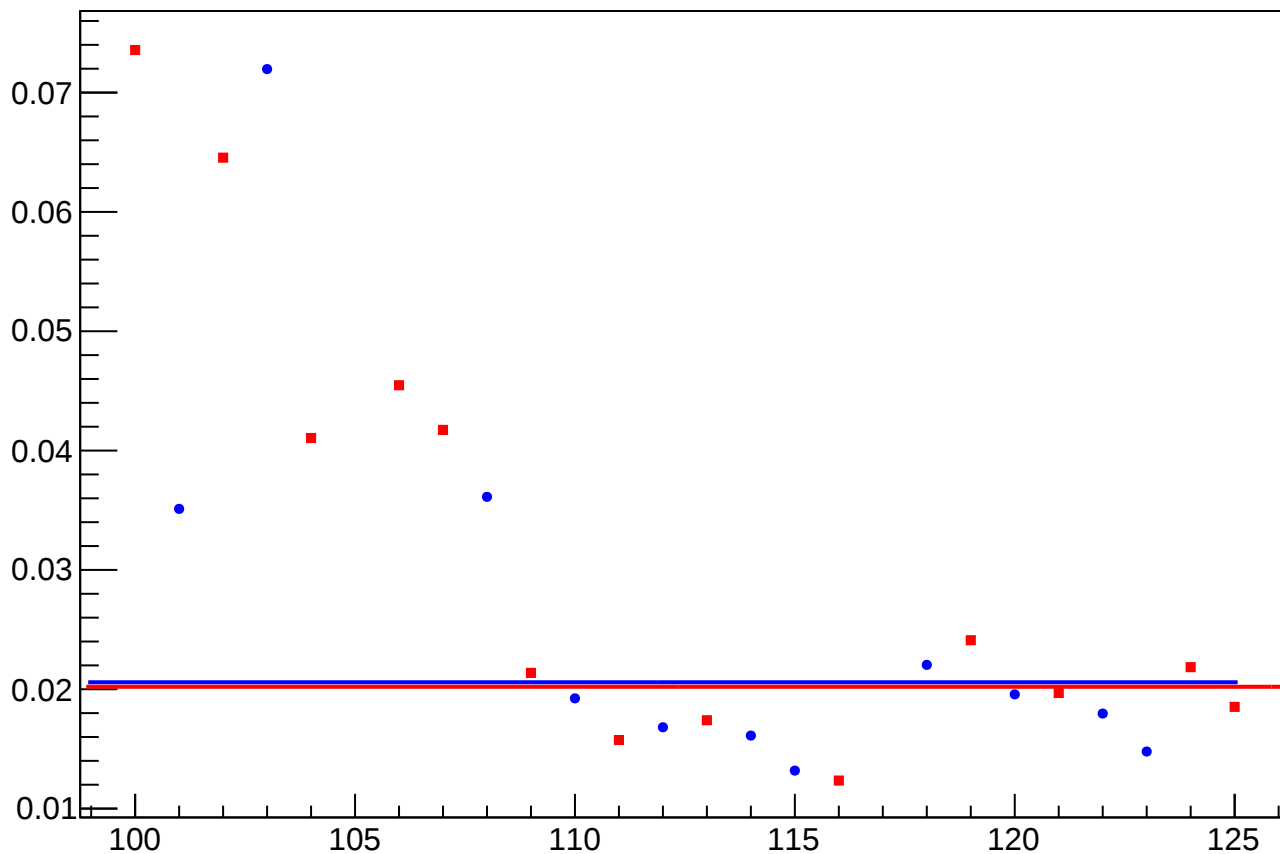
Right: -0.260+/-0.000 χ^2/NDF : 13606427.4/23

In: -0.255+/-0.000 χ^2/NDF :1391027.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.260+/-0.000 χ^2/NDF : 13606427.4/23

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.021+/-0.000 χ^2/NDF : 998923.5/10

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

Right Out: 0.020+/-0.000 χ^2/NDF : 1301871.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

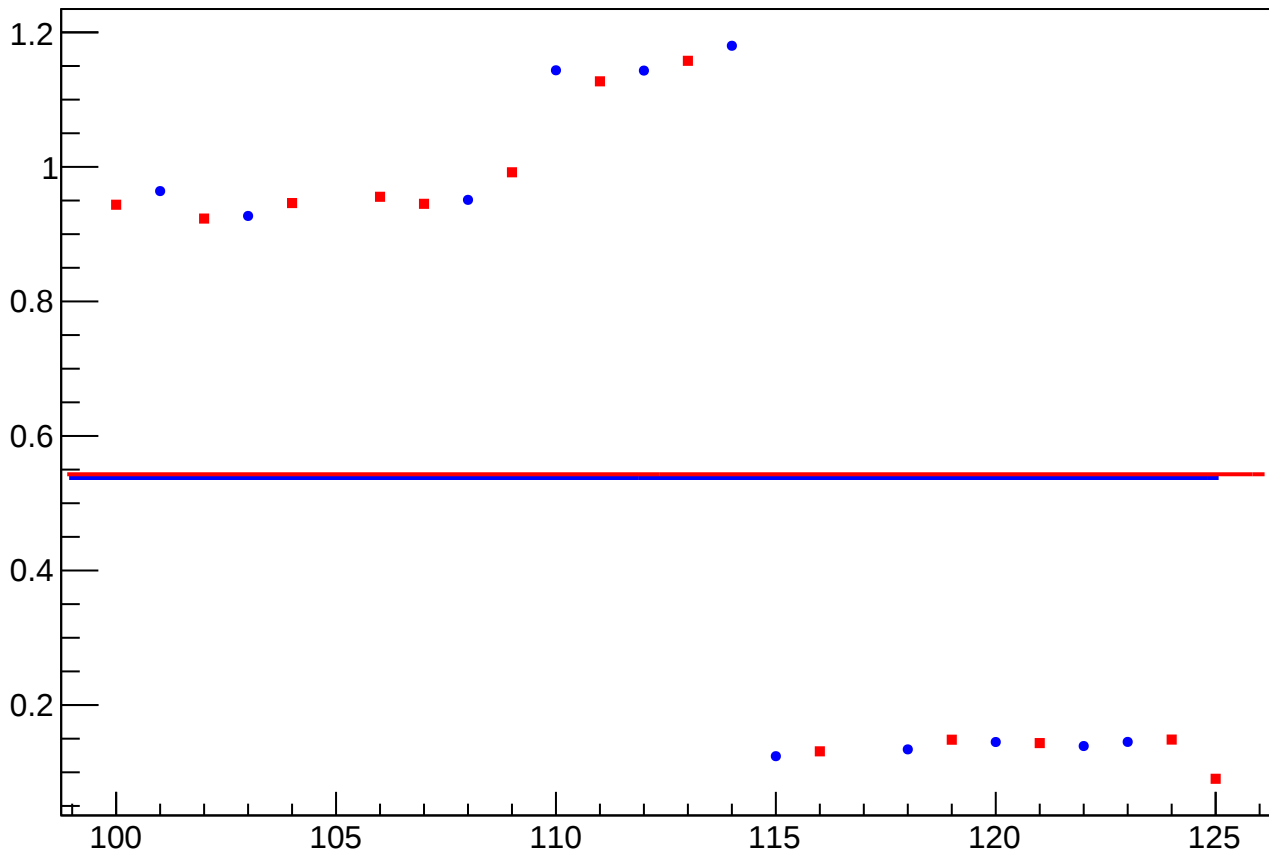
Right: 0.020+/-0.000 χ^2/NDF : 2301841.5/23

In: 0.021+/-0.000 χ^2/NDF : 998923.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.000 χ^2/NDF : 2301841.5/23

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.538+/-0.000 χ^2/NDF : 3152161801.0/10

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

Right Out: 0.543+/-0.000 χ^2/NDF : 3527255222.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

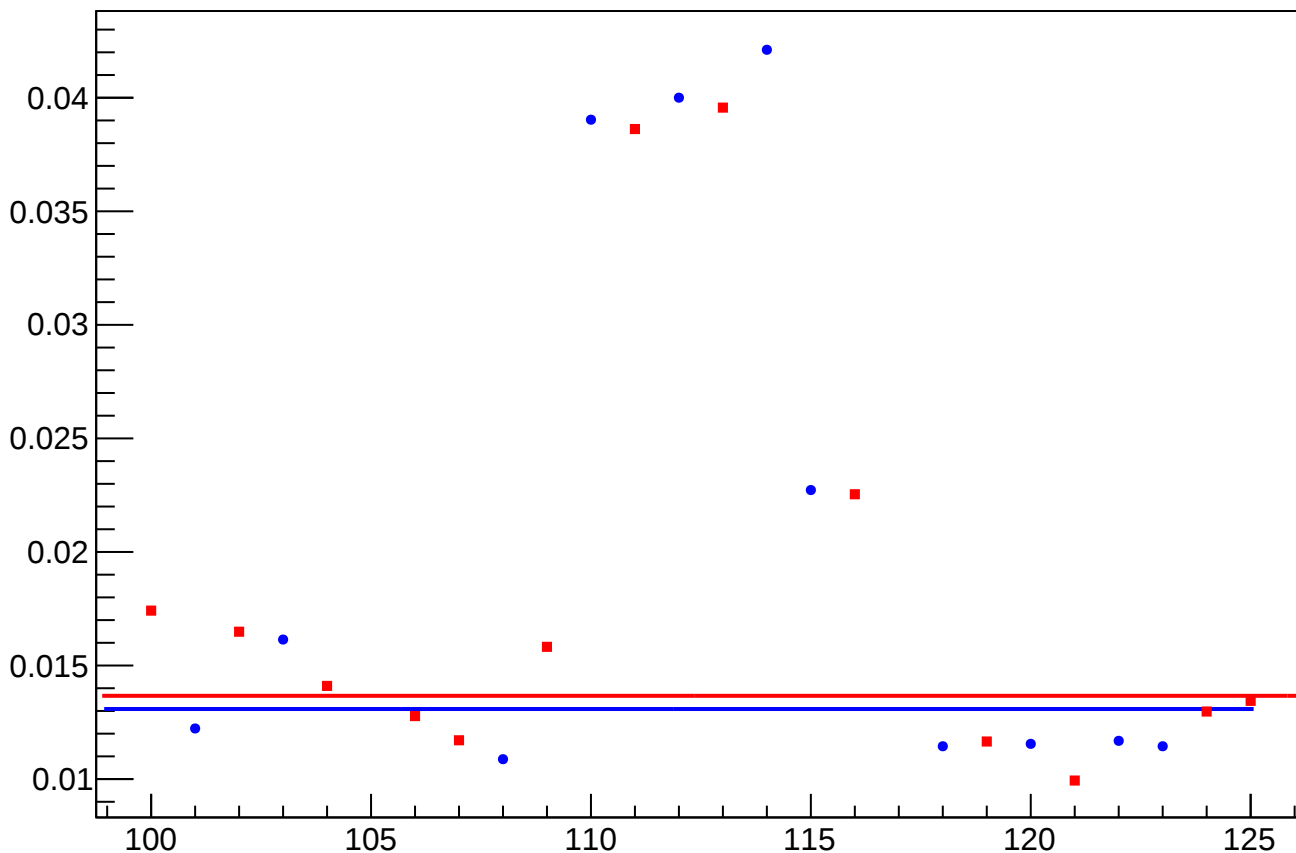
Right: 0.540+/-0.000 χ^2/NDF : 6679716958.7/23

In: 0.538+/-0.000 χ^2/NDF :3152161801.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.540+/-0.000 χ^2/NDF : 6679716958.7/23

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 942854.5/10

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

Right Out: 0.014+/-0.000 χ^2/NDF : 983981.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

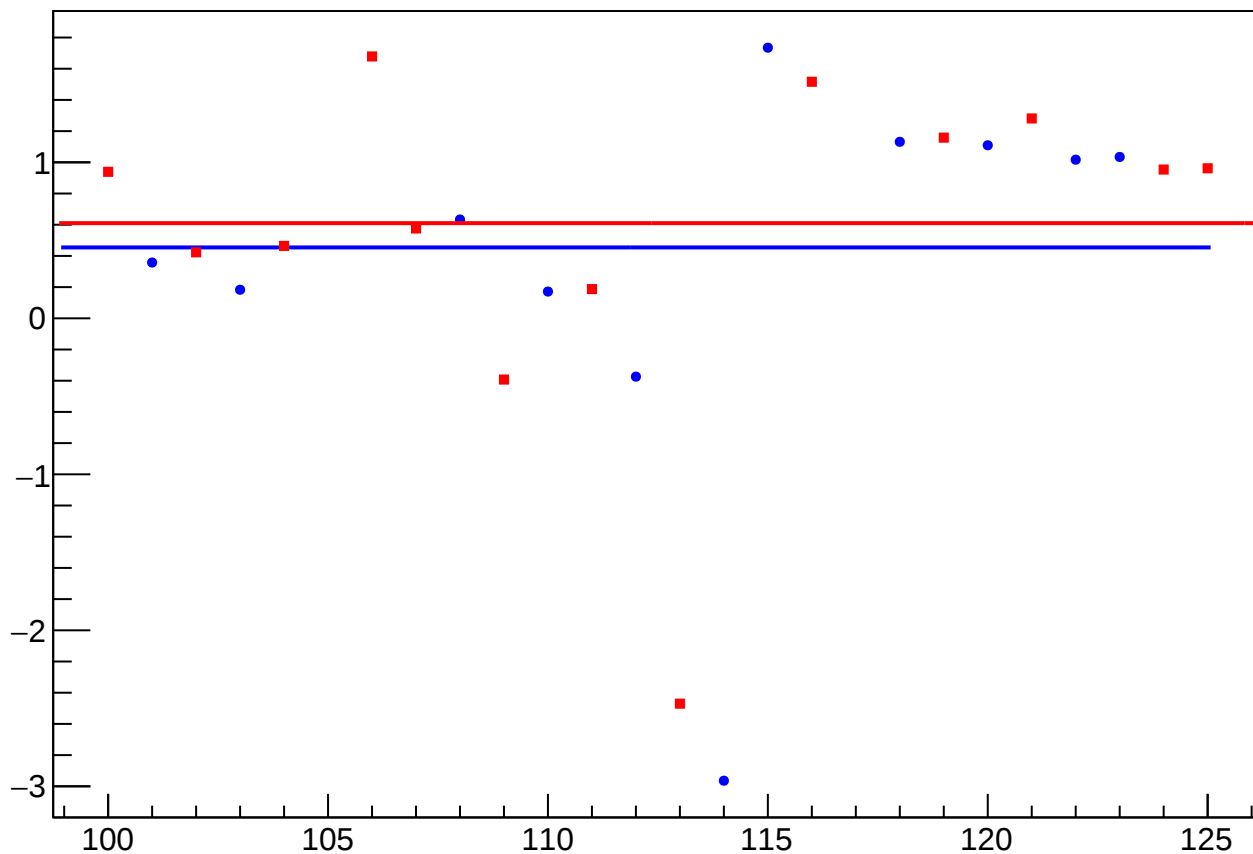
Right: 0.013+/-0.000 χ^2/NDF : 1933434.3/23

In: 0.013+/-0.000 χ^2/NDF : 942854.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 1933434.3/23

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.454+/-0.000 χ^2/NDF : 205462623.9/10

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

Right Out: 0.610+/-0.000 χ^2/NDF : 869140518.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

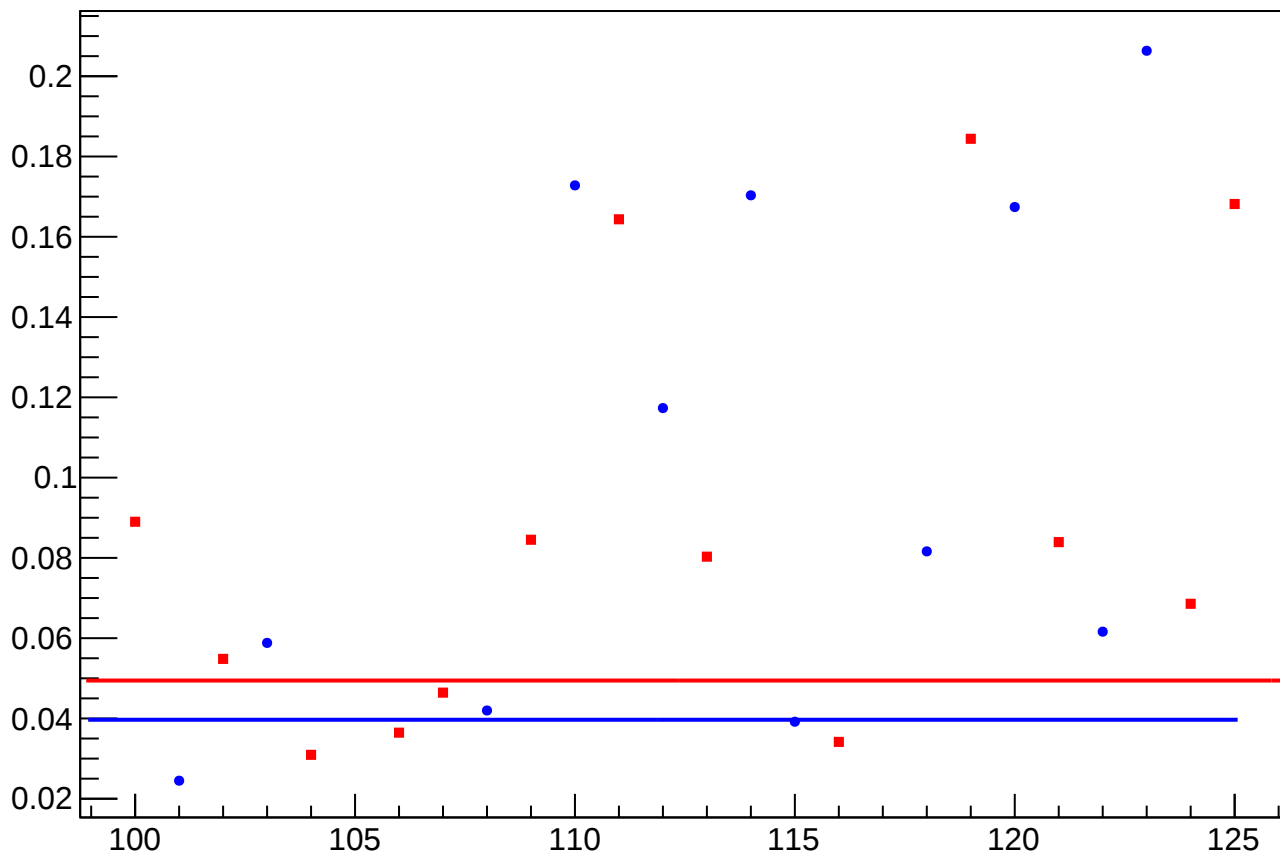
Right: 0.526+/-0.000 χ^2/NDF : 1089573176.8/23

In: 0.454+/-0.000 χ^2/NDF : 205462623.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.526+/-0.000 χ^2/NDF : 1089573176.8/23

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.040+/-0.000 χ^2/NDF : 1965976.4/10

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

Right Out: 0.049+/-0.000 χ^2/NDF : 1939017.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

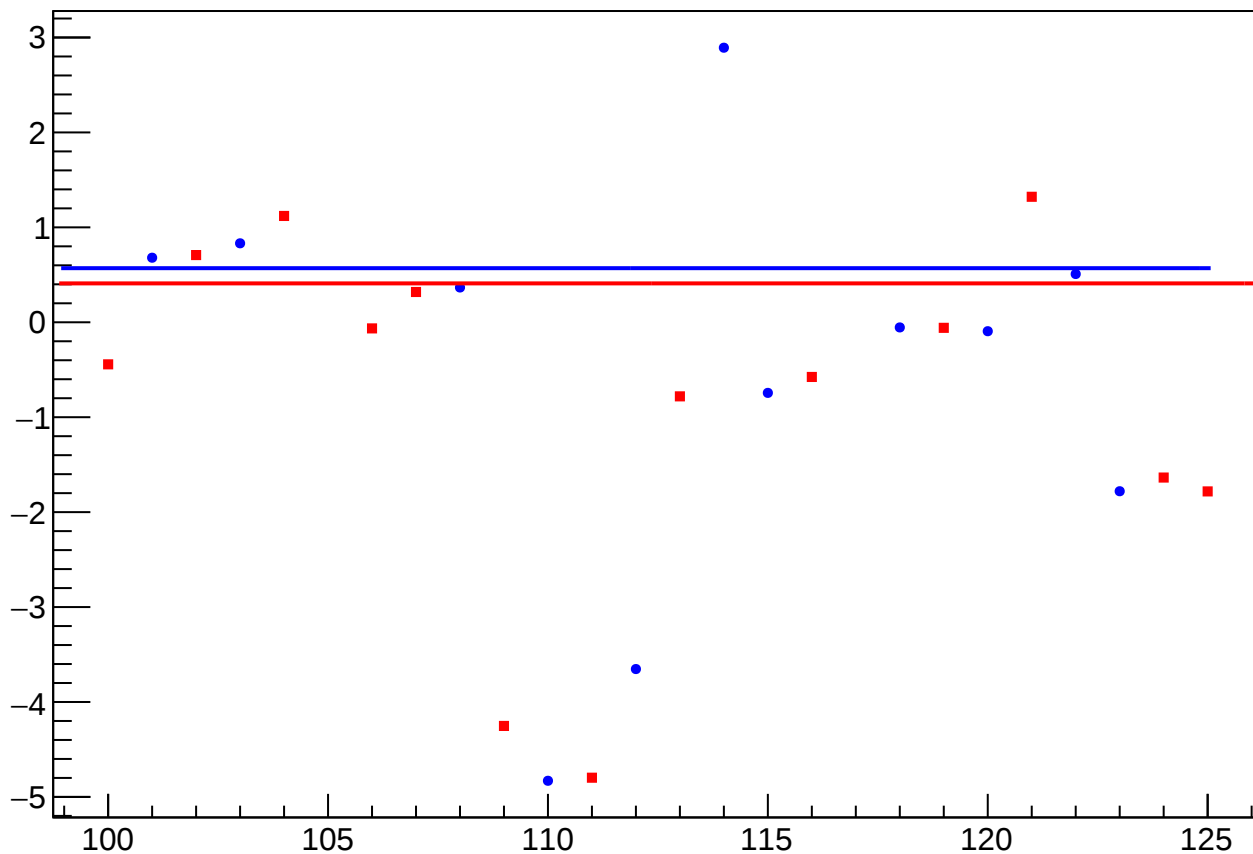
Right: 0.044+/-0.000 χ^2/NDF : 4022988.4/23

In: 0.040+/-0.000 χ^2/NDF : 1965976.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.044+/-0.000 χ^2/NDF : 4022988.4/23

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.570+/-0.000 χ^2/NDF : 1610320557.2/10

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

Right Out: 0.410+/-0.000 χ^2/NDF : 3886903034.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

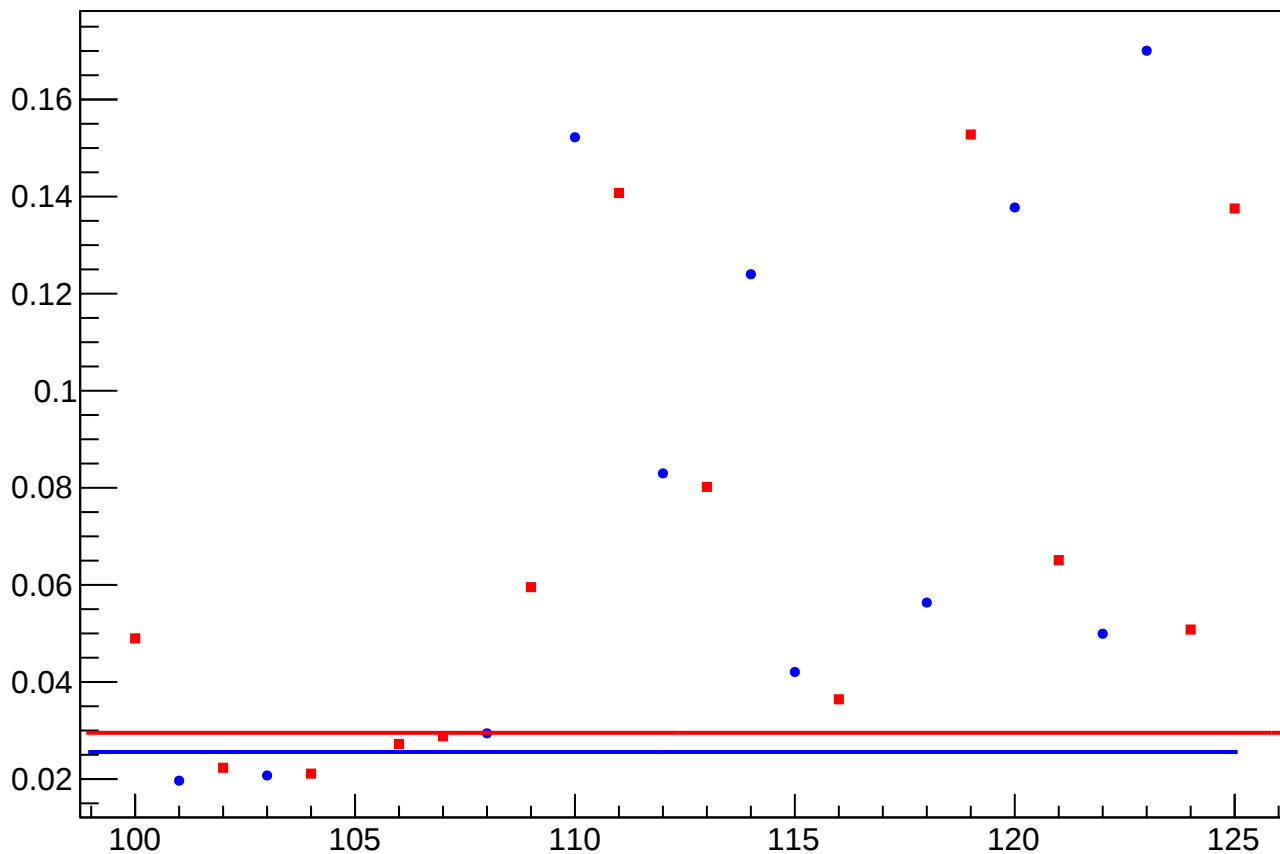
Right: 0.493+/-0.000 χ^2/NDF : 5537629086.8/23

In: 0.570+/-0.000 χ^2/NDF :1610320557.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.493+/-0.000 χ^2/NDF : 5537629086.8/23

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.026+/-0.000 χ^2/NDF : 1834393.7/10

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

Right Out: 0.030+/-0.000 χ^2/NDF : 2422585.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

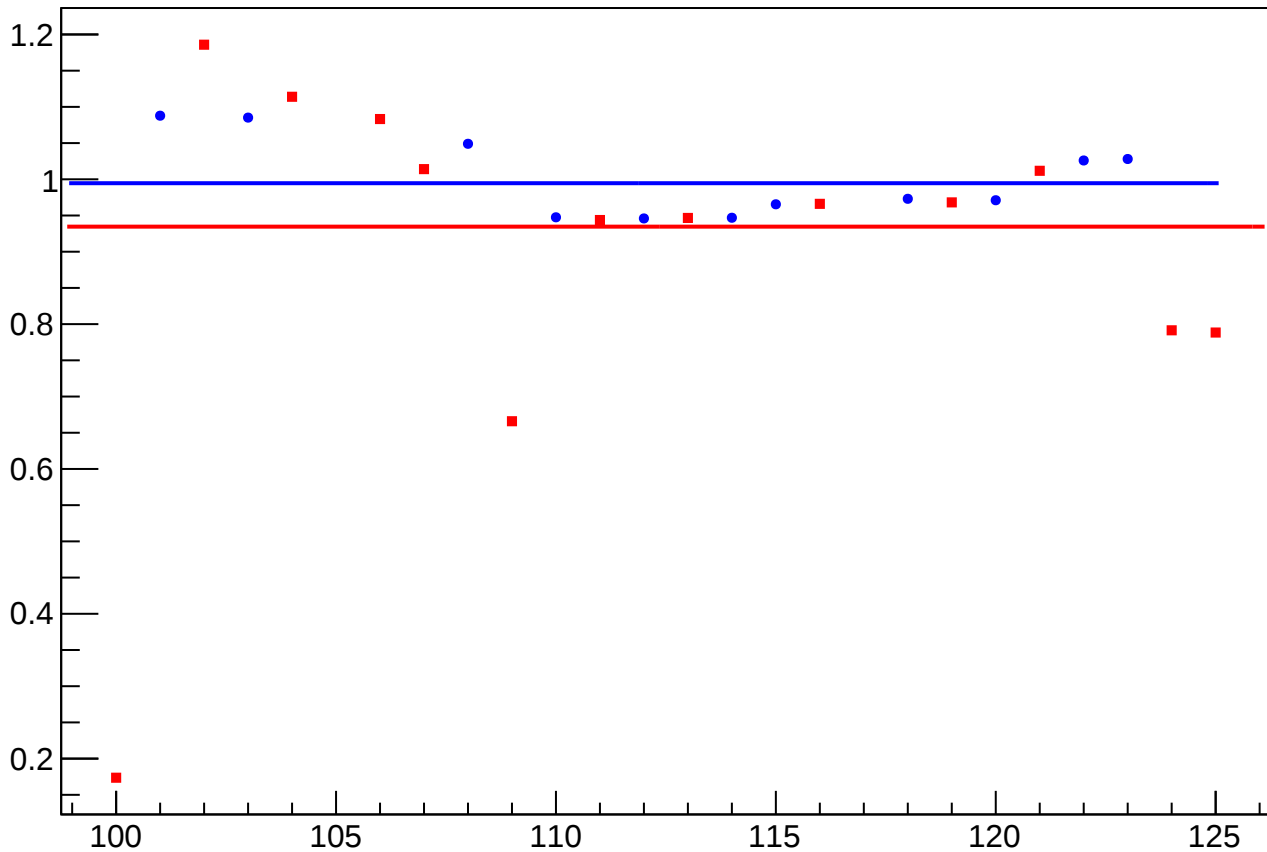
Right: 0.027+/-0.000 χ^2/NDF : 4306148.0/23

In: 0.026+/-0.000 χ^2/NDF : 1834393.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.000 χ^2/NDF : 4306148.0/23

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.995+/-0.000 χ^2/NDF : 43692039.3/10

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

Right Out: 0.935+/-0.000 χ^2/NDF : 32045528.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

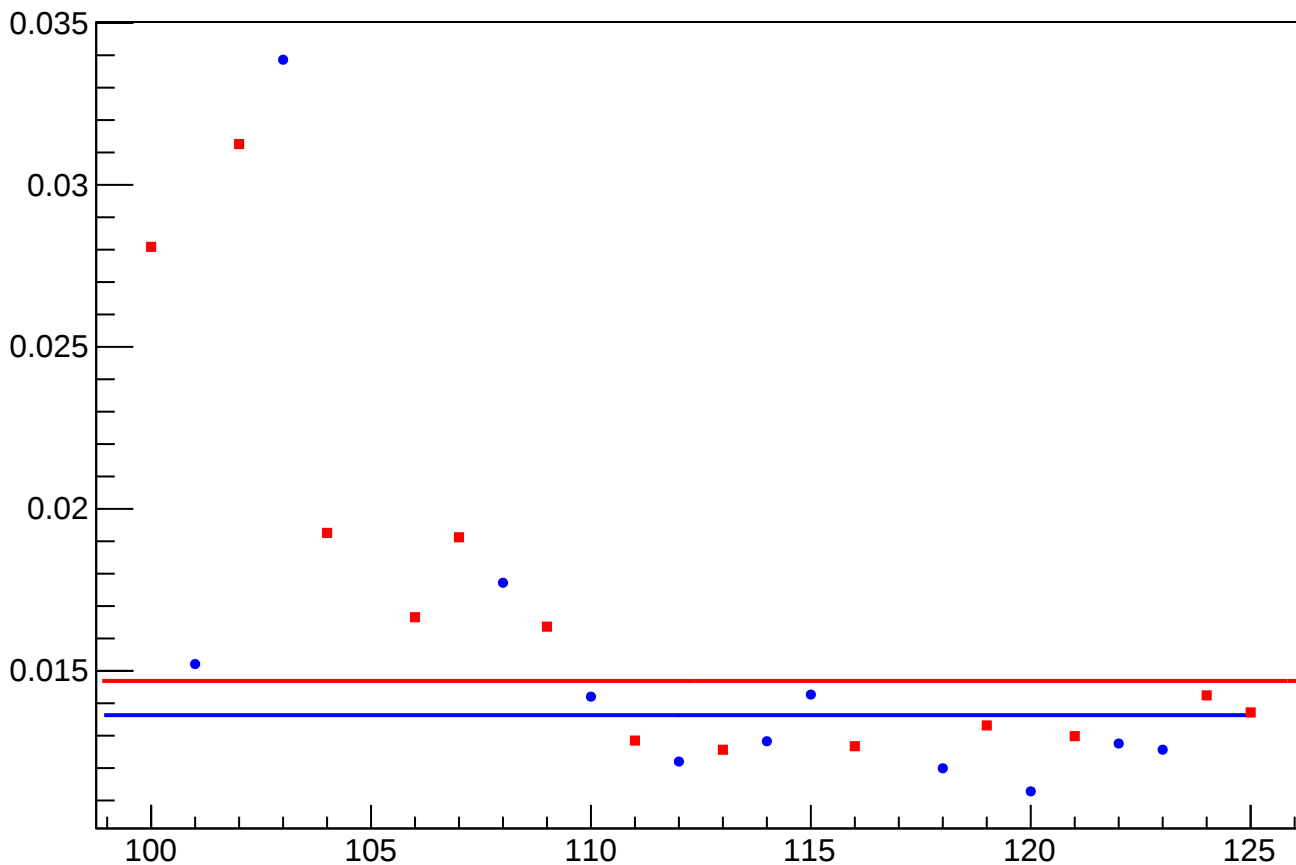
Right: 0.964+/-0.000 χ^2/NDF : 396288488.5/23

In: 0.995+/-0.000 χ^2/NDF :43692039.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.964+/-0.000 χ^2/NDF : 396288488.5/23

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 479043.2/10

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

Right Out: 0.015+/-0.000 χ^2/NDF : 467207.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

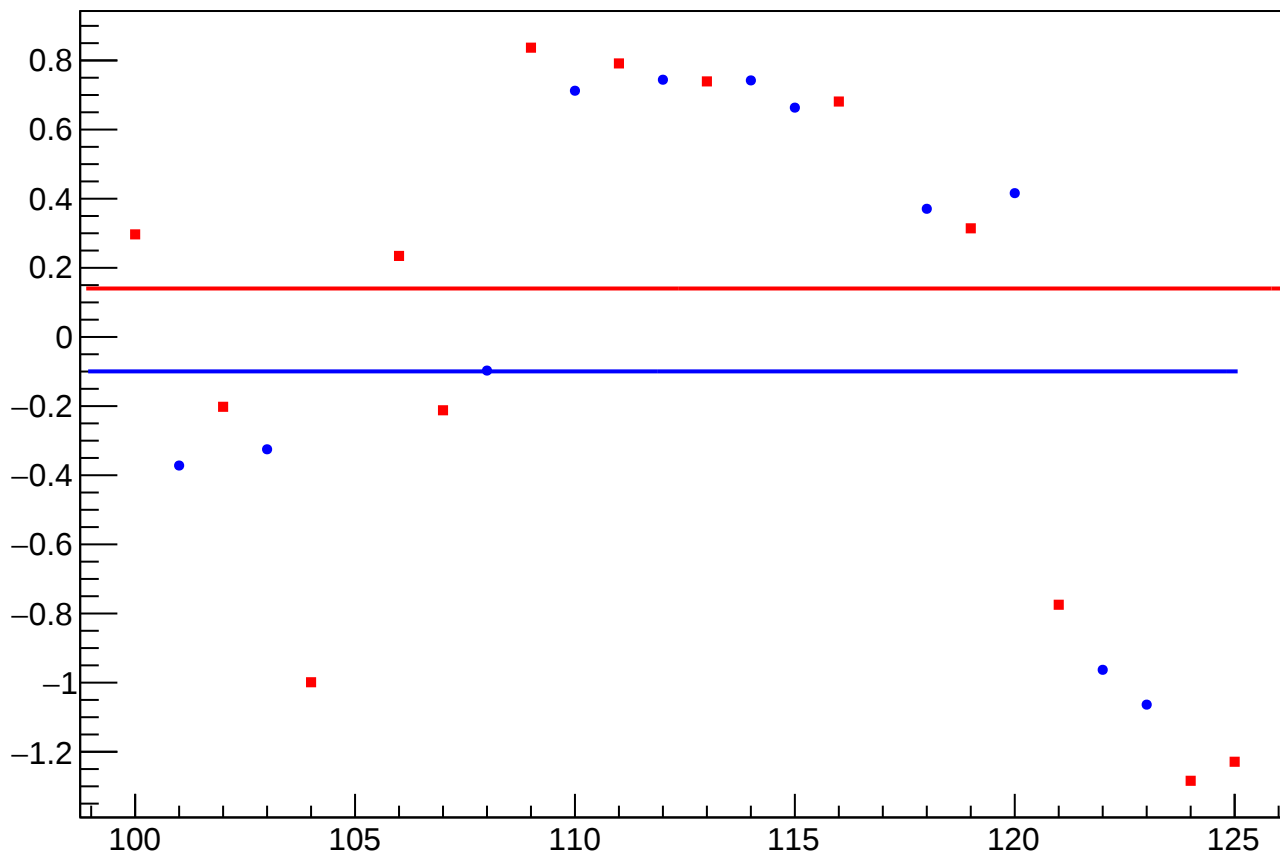
Right: 0.014+/-0.000 χ^2/NDF : 966193.9/23

In: 0.014+/-0.000 χ^2/NDF : 479043.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 966193.9/23

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.100+/-0.000 χ^2/NDF : 3568183083.8/10

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

Right Out: 0.140+/-0.000 χ^2/NDF : 11170299517.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

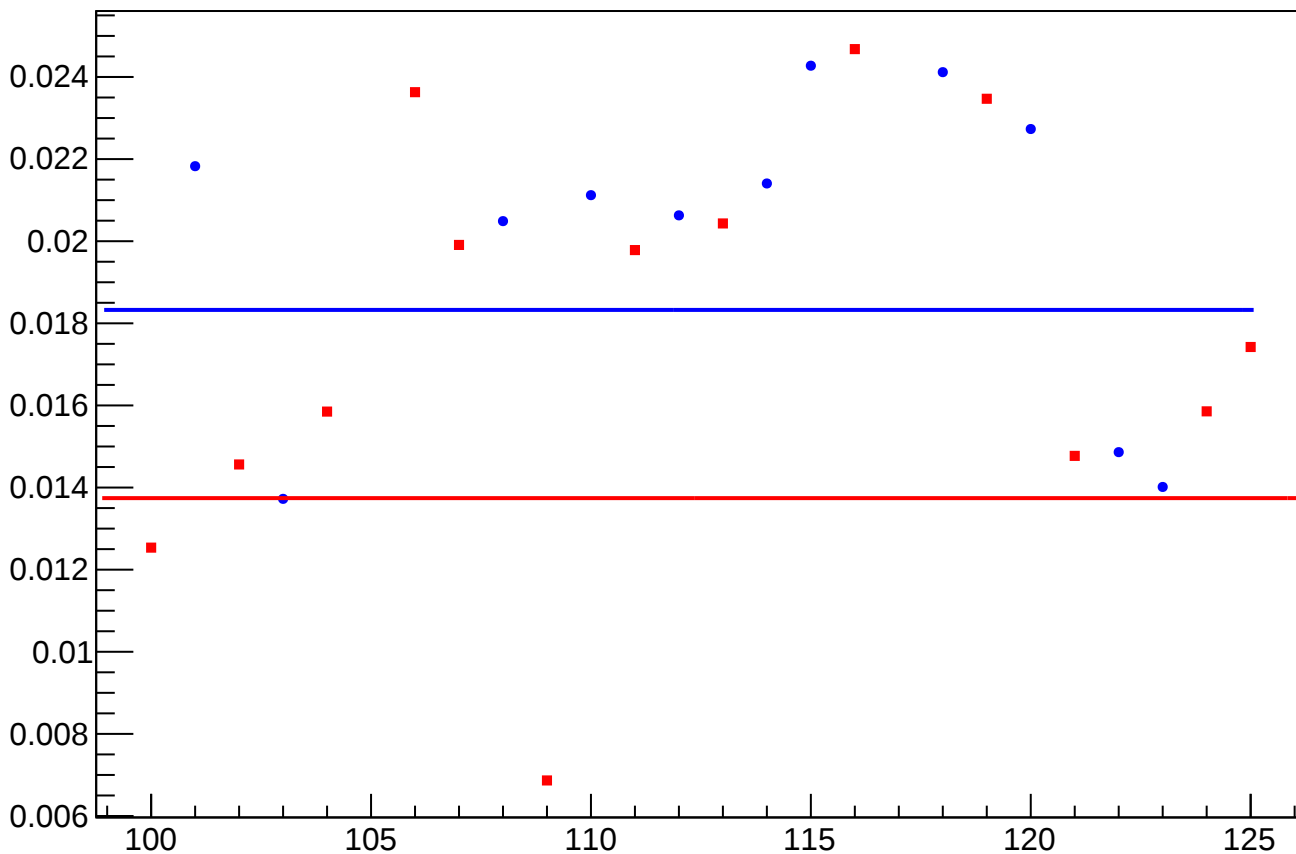
Right: 0.056+/-0.000 χ^2/NDF : 15119244665.5/23

In: -0.100+/-0.000 χ^2/NDF :3568183083.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.056+/-0.000 χ^2/NDF : 15119244665.5/23

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 324516.3/10

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

Right Out: 0.014+/-0.000 χ^2/NDF : 1276460.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

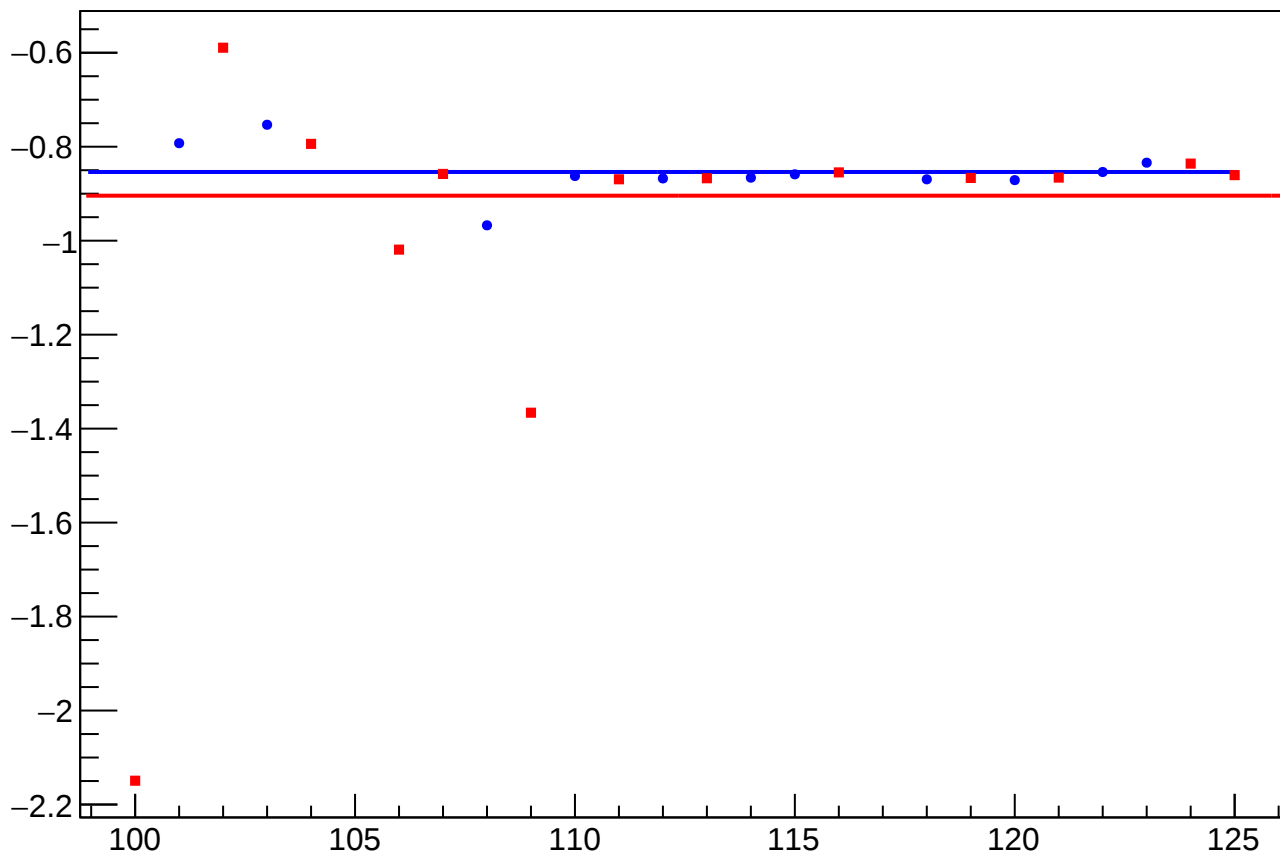
Right: 0.015+/-0.000 χ^2/NDF : 1879295.5/23

In: 0.018+/-0.000 χ^2/NDF :324516.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1879295.5/23

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.854+/-0.000 χ^2/NDF : 6281775.3/10

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

Right Out: -0.904+/-0.000 χ^2/NDF : 110174966.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

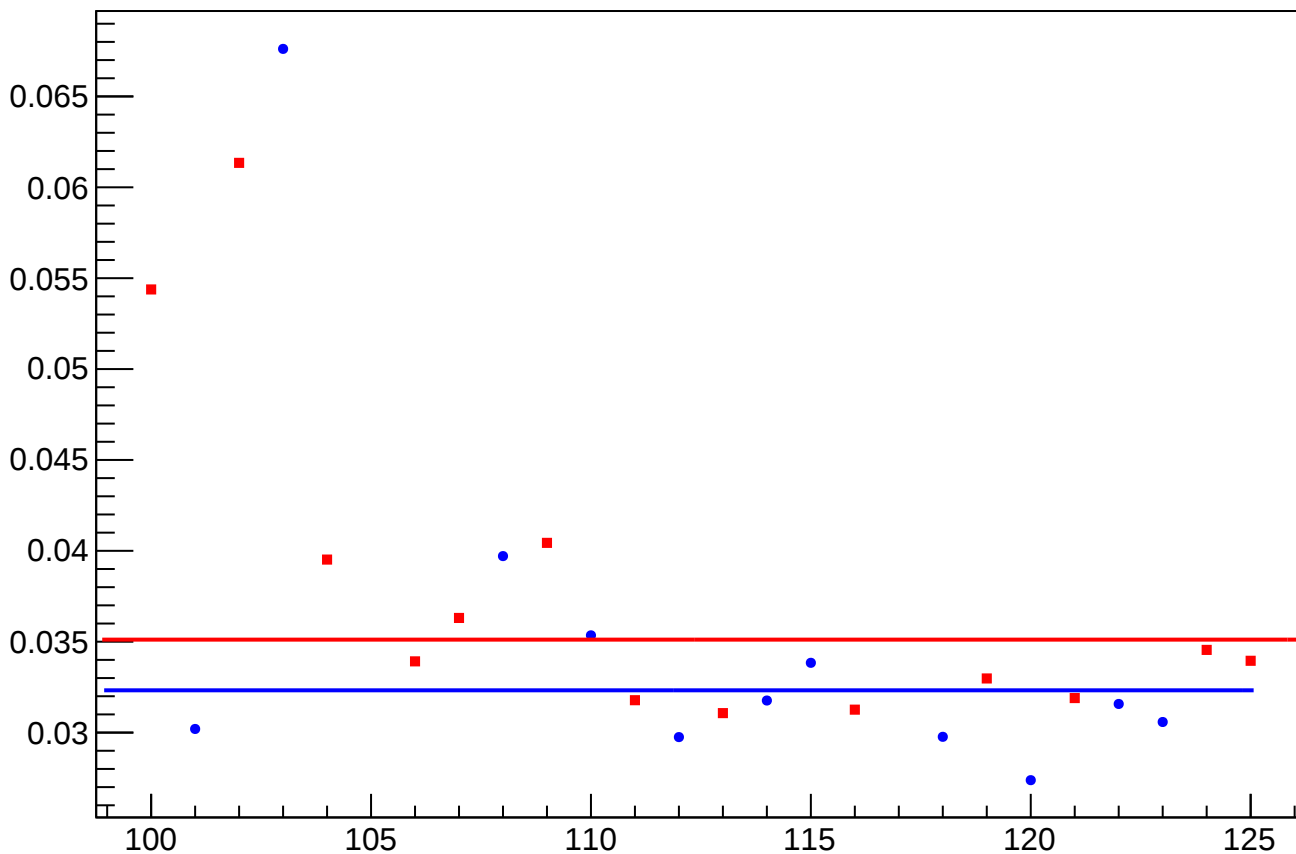
Right: -0.879+/-0.000 χ^2/NDF : 120538265.1/23

In: -0.854+/-0.000 χ^2/NDF :6281775.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.879+/-0.000 χ^2/NDF : 120538265.1/23

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.032+/-0.000 χ^2/NDF : 344445.7/10

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

Right Out: 0.035+/-0.000 χ^2/NDF : 256625.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

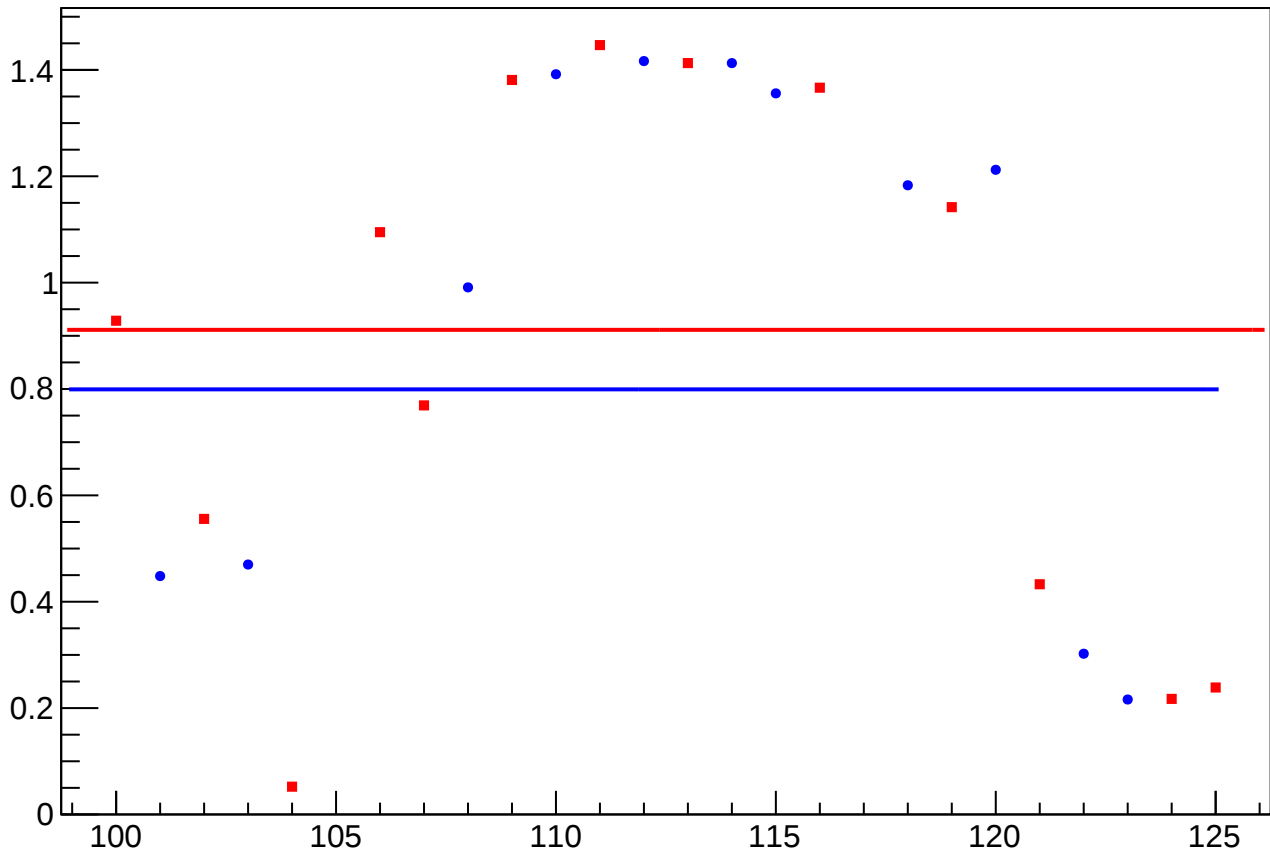
Right: 0.034+/-0.000 χ^2/NDF : 625988.3/23

In: 0.032+/-0.000 χ^2/NDF :344445.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.034+/-0.000 χ^2/NDF : 625988.3/23

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.799+/-0.000 χ^2/NDF : 4359617354.4/10

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

Right Out: 0.911+/-0.000 χ^2/NDF : 8940837105.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

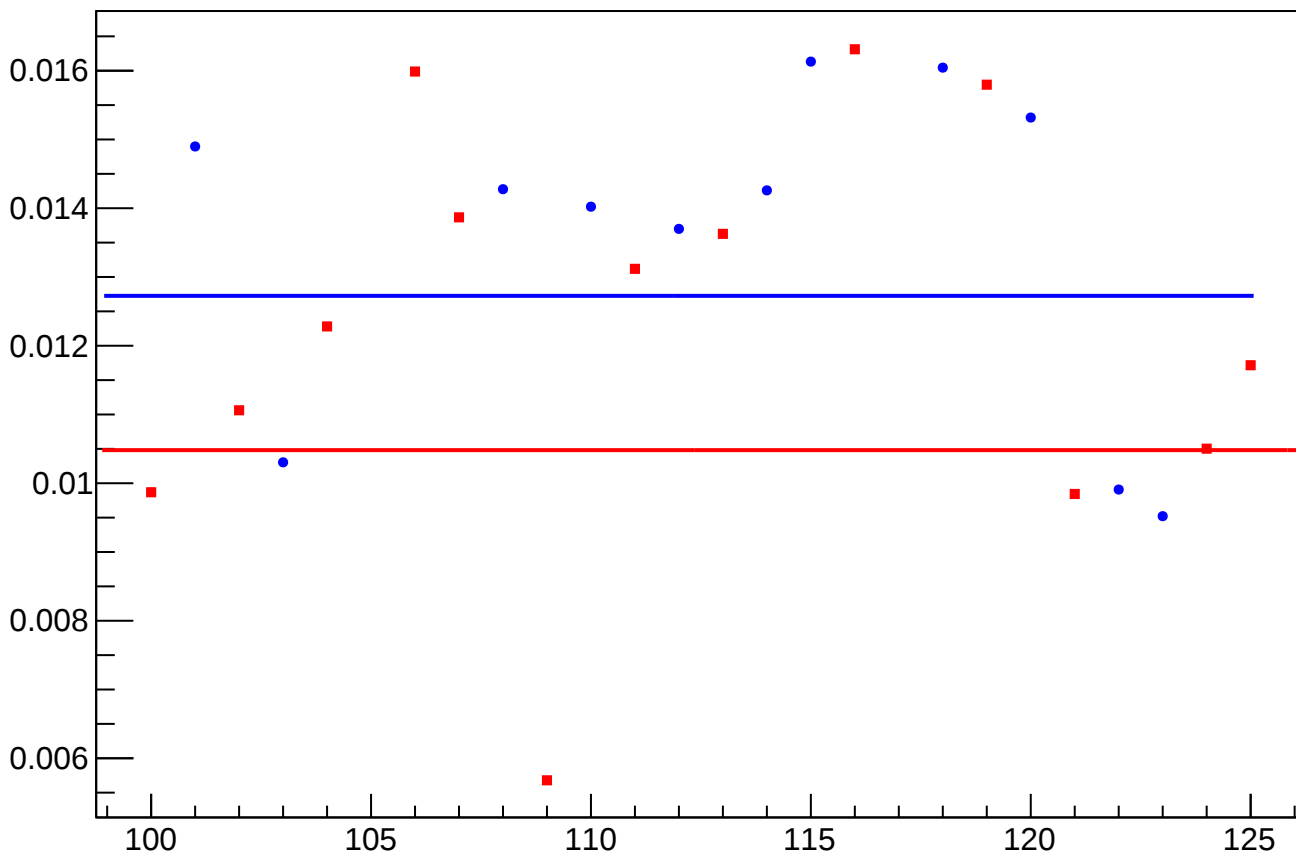
Right: 0.869+/-0.000 χ^2/NDF : 13465633230.0/23

In: 0.799+/-0.000 χ^2/NDF :4359617354.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.869+/-0.000 χ^2/NDF : 13465633230.0/23

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 241711.1/10

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

Right Out: 0.010+/-0.000 χ^2/NDF : 834734.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

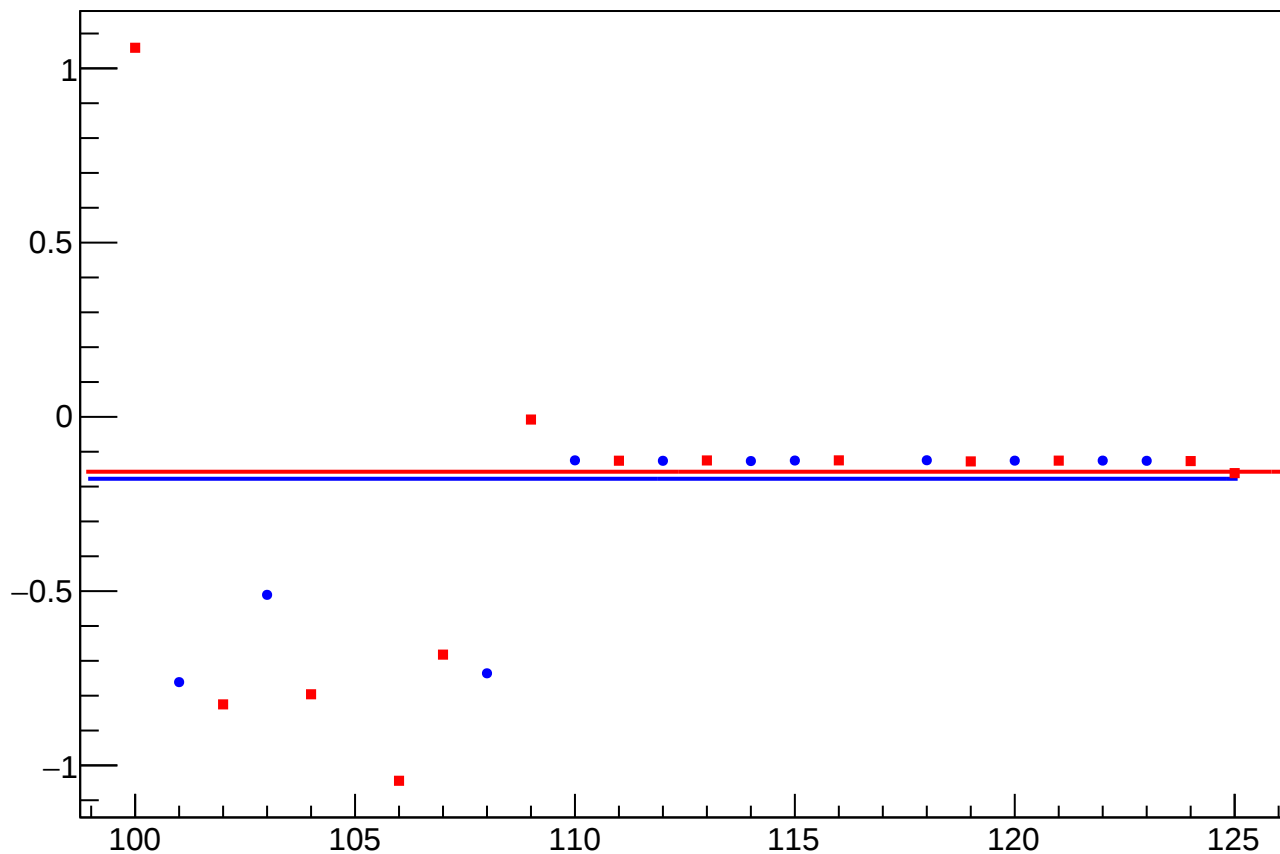
Right: 0.011+/-0.000 χ^2/NDF : 1209293.4/23

In: 0.013+/-0.000 χ^2/NDF :241711.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 1209293.4/23

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.178+/-0.000 χ^2/NDF : 353790815.7/10

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

Right Out: -0.157+/-0.000 χ^2/NDF : 419862241.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

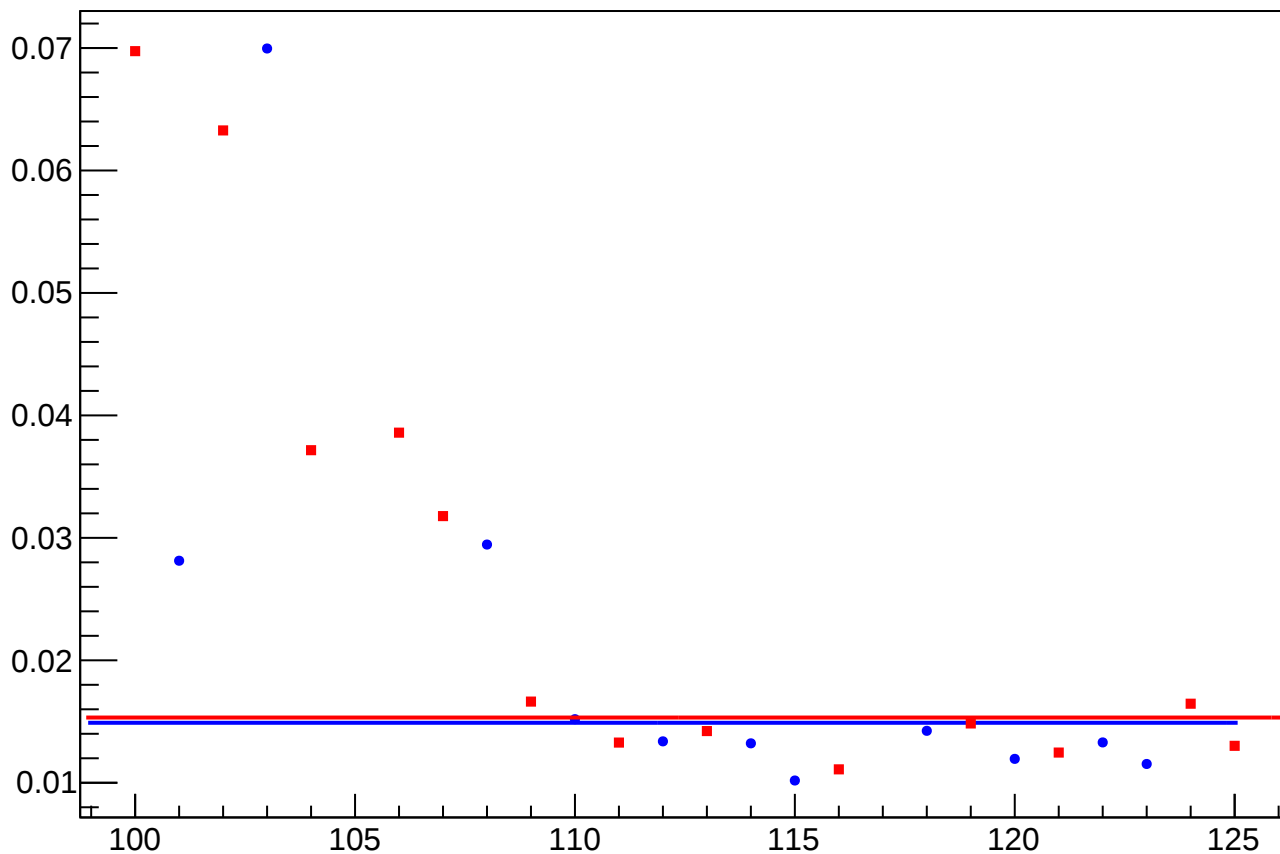
Right: -0.167+/-0.000 χ^2/NDF : 776287019.4/23

In: -0.178+/-0.000 χ^2/NDF :353790815.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.167+/-0.000 χ^2/NDF : 776287019.4/23

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 1134232.5/10

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

Right Out: 0.015+/-0.000 χ^2/NDF : 1332015.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

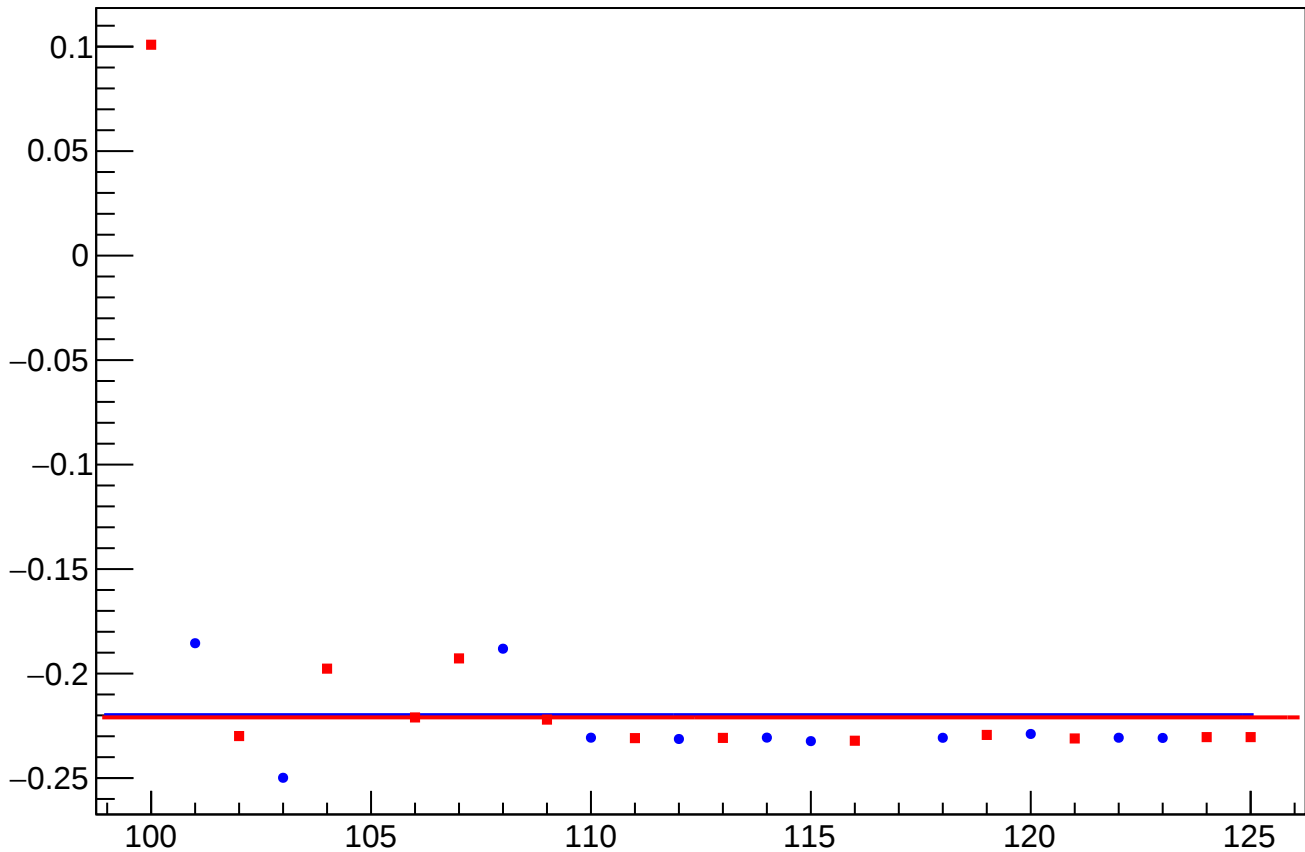
Right: 0.015+/-0.000 χ^2/NDF : 2468607.1/23

In: 0.015+/-0.000 χ^2/NDF : 1134232.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 2468607.1/23

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.220+/-0.000 χ^2/NDF : 68419056.8/10

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

Right Out: -0.221+/-0.000 χ^2/NDF : 164157588.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

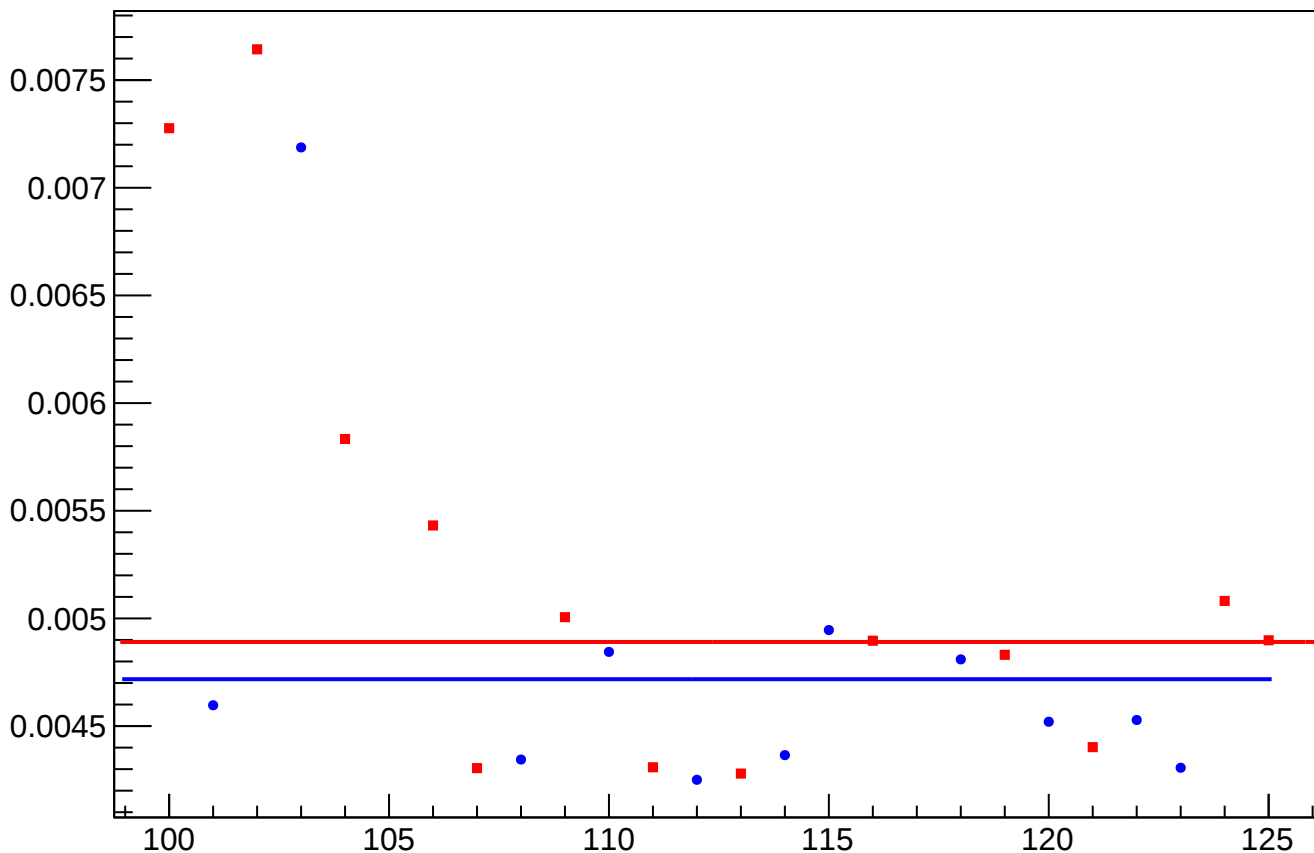
Right: -0.220+/-0.000 χ^2/NDF : 232671142.9/23

In: -0.220+/-0.000 χ^2/NDF :68419056.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.220+/-0.000 χ^2/NDF : 232671142.9/23

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 146449.7/10

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

Right Out: 0.005+/-0.000 χ^2/NDF : 226185.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

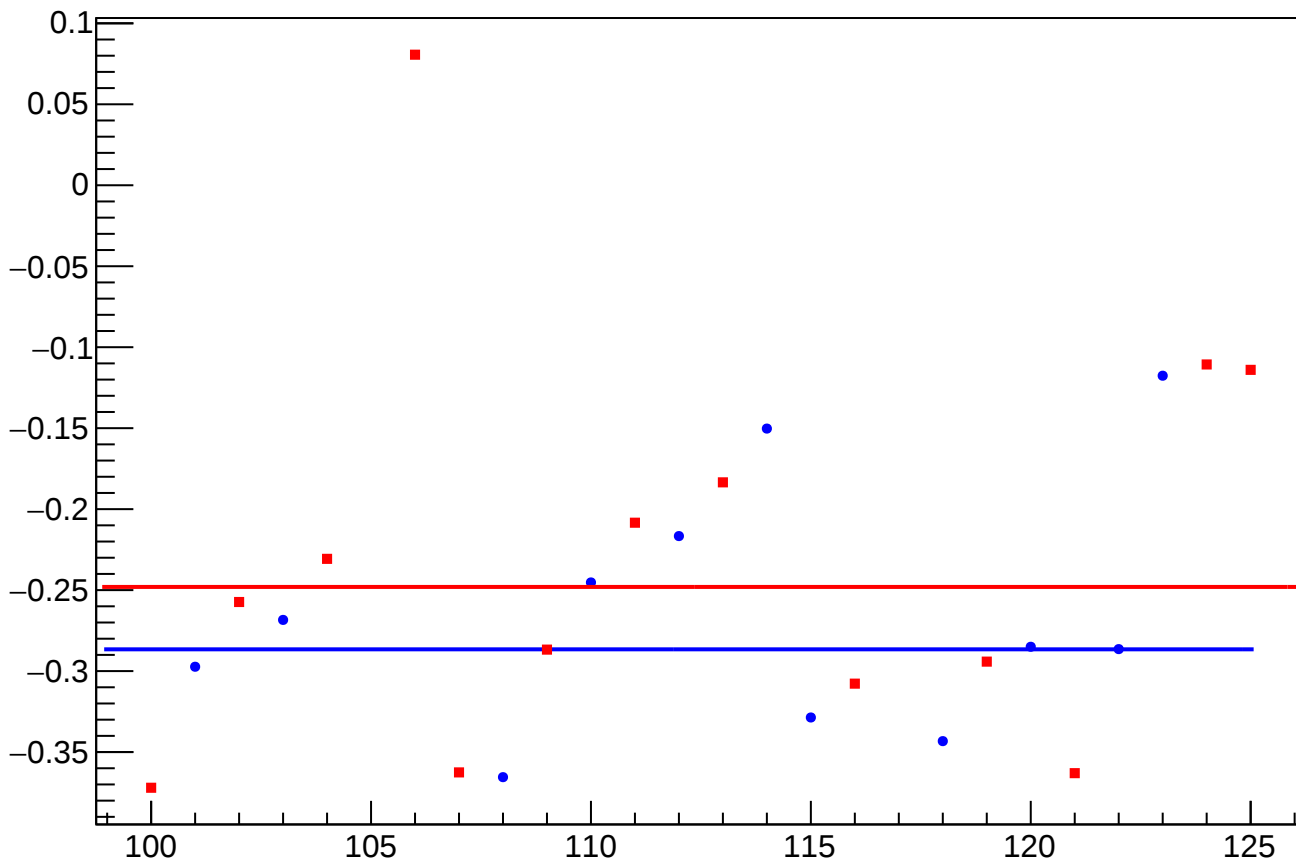
Right: 0.005+/-0.000 χ^2/NDF : 377595.5/23

In: 0.005+/-0.000 χ^2/NDF :146449.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 377595.5/23

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.287+/-0.000 χ^2/NDF : 245349968.1/10

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

Right Out: -0.248+/-0.000 χ^2/NDF : 916850222.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

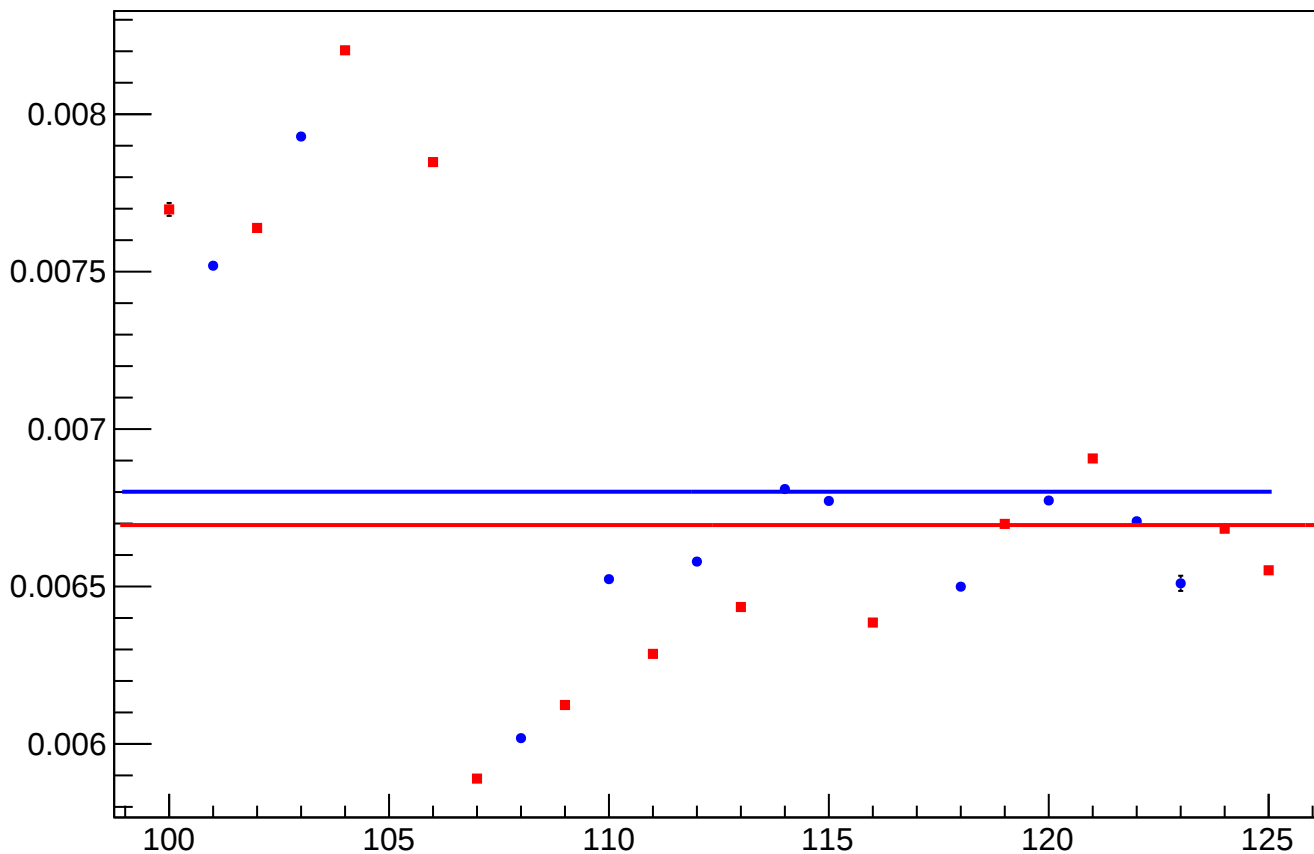
Right: -0.265+/-0.000 χ^2/NDF : 1229663333.2/23

In: -0.287+/-0.000 χ^2/NDF :245349968.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.265+/-0.000 χ^2/NDF : 1229663333.2/23

yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 50847.6/10

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

Right Out: 0.007+/-0.000 χ^2/NDF : 88857.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

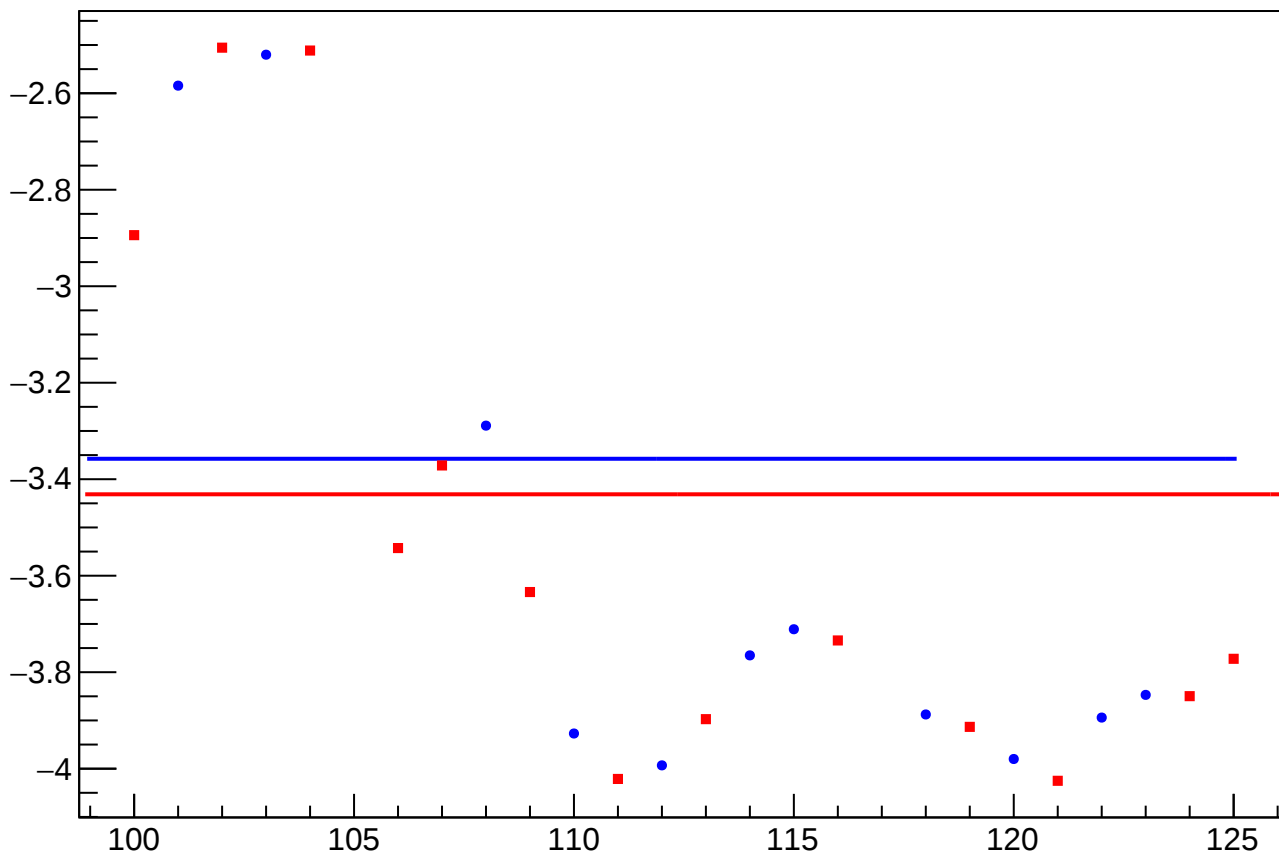
Right: 0.007+/-0.000 χ^2/NDF : 140723.7/23

In: 0.007+/-0.000 χ^2/NDF : 50847.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 140723.7/23

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.358+/-0.000 χ^2/NDF : 24567963988.3/10

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

Right Out: -3.431+/-0.000 χ^2/NDF : 24524925680.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

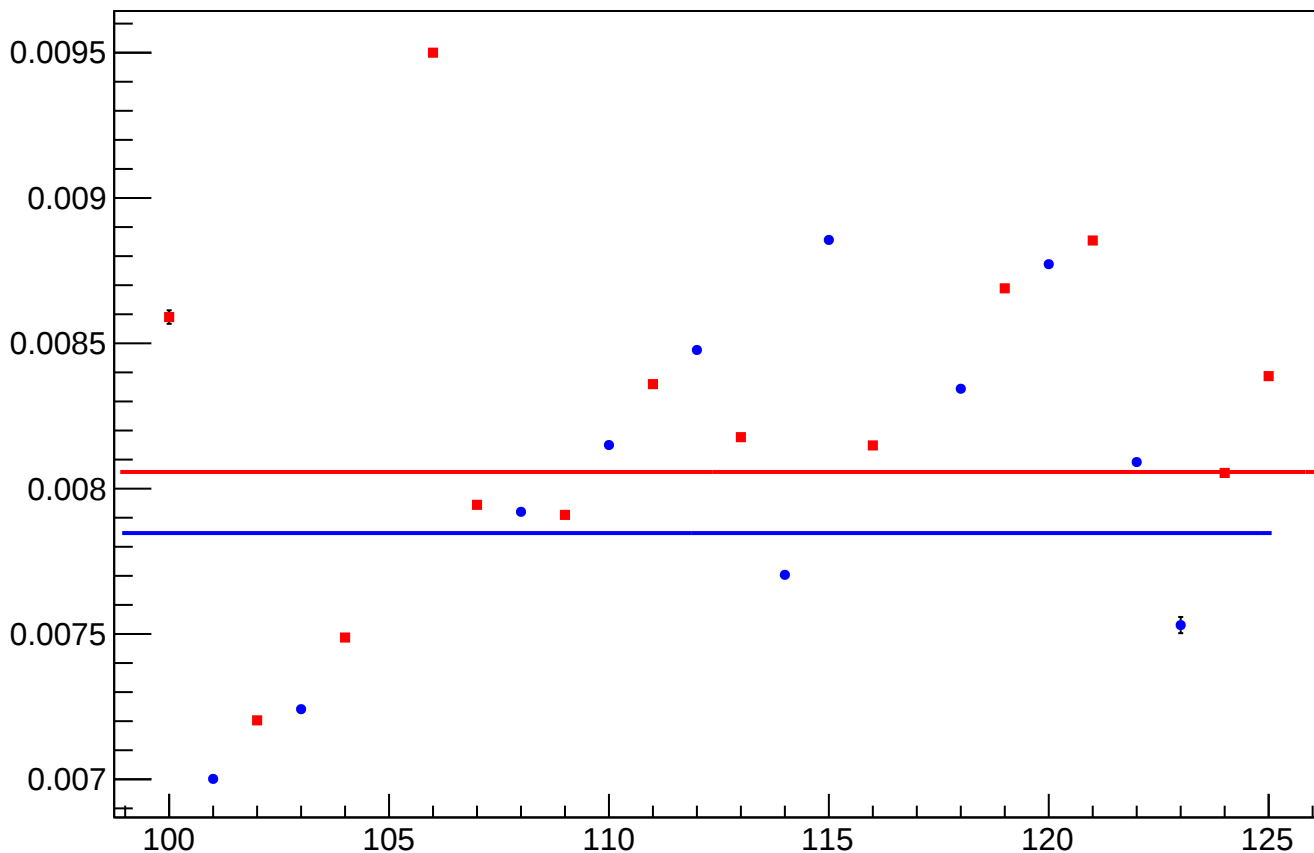
Right: -3.397+/-0.000 χ^2/NDF : 49268288171.8/23

In: -3.358+/-0.000 χ^2/NDF : 24567963988.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.397+/-0.000 χ^2/NDF : 49268288171.8/23

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 45521.8/10

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

Right Out: 0.008+/-0.000 χ^2/NDF : 41870.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

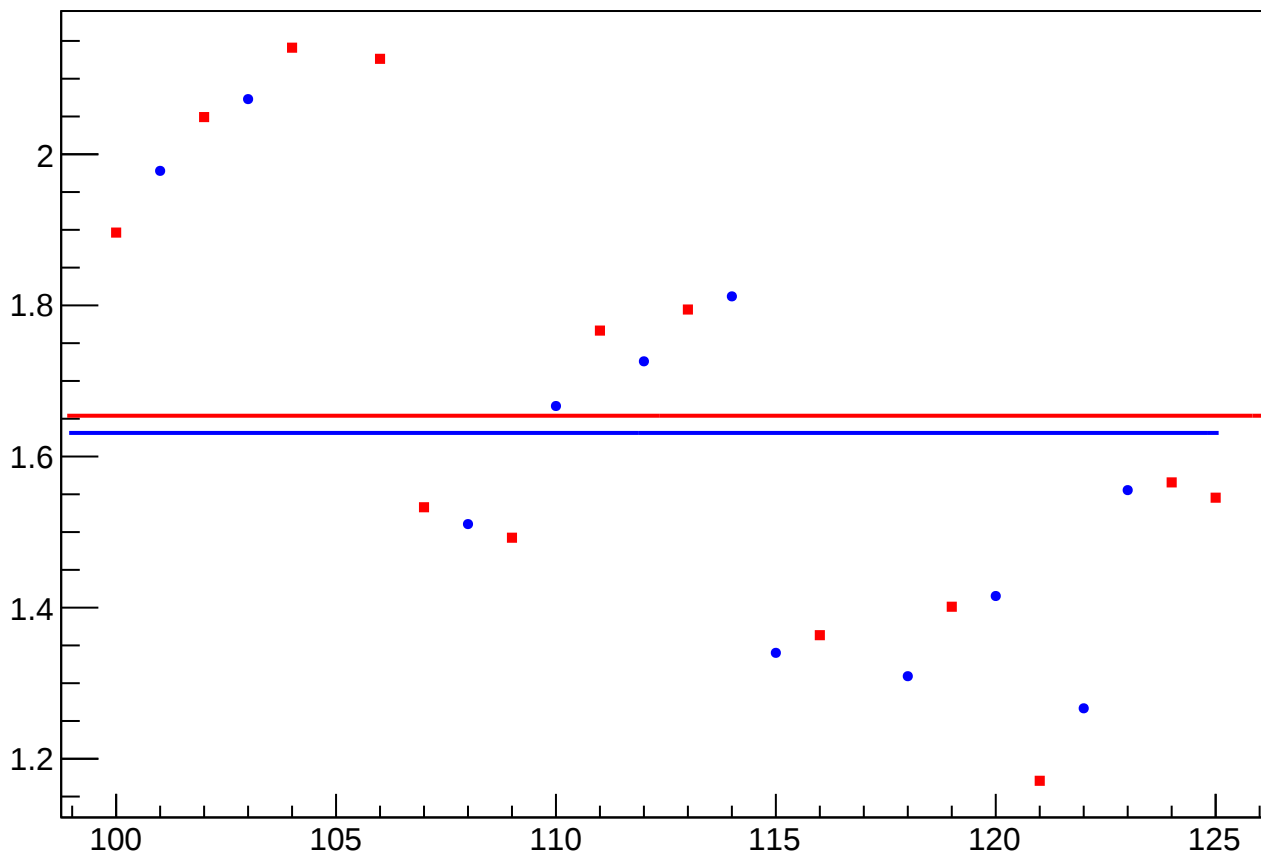
Right: 0.008+/-0.000 χ^2/NDF : 90251.6/23

In: 0.008+/-0.000 χ^2/NDF :45521.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 90251.6/23

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.631+/-0.000 χ^2/NDF : 1946435041.1/10

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

Right Out: 1.654+/-0.000 χ^2/NDF : 2642781027.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

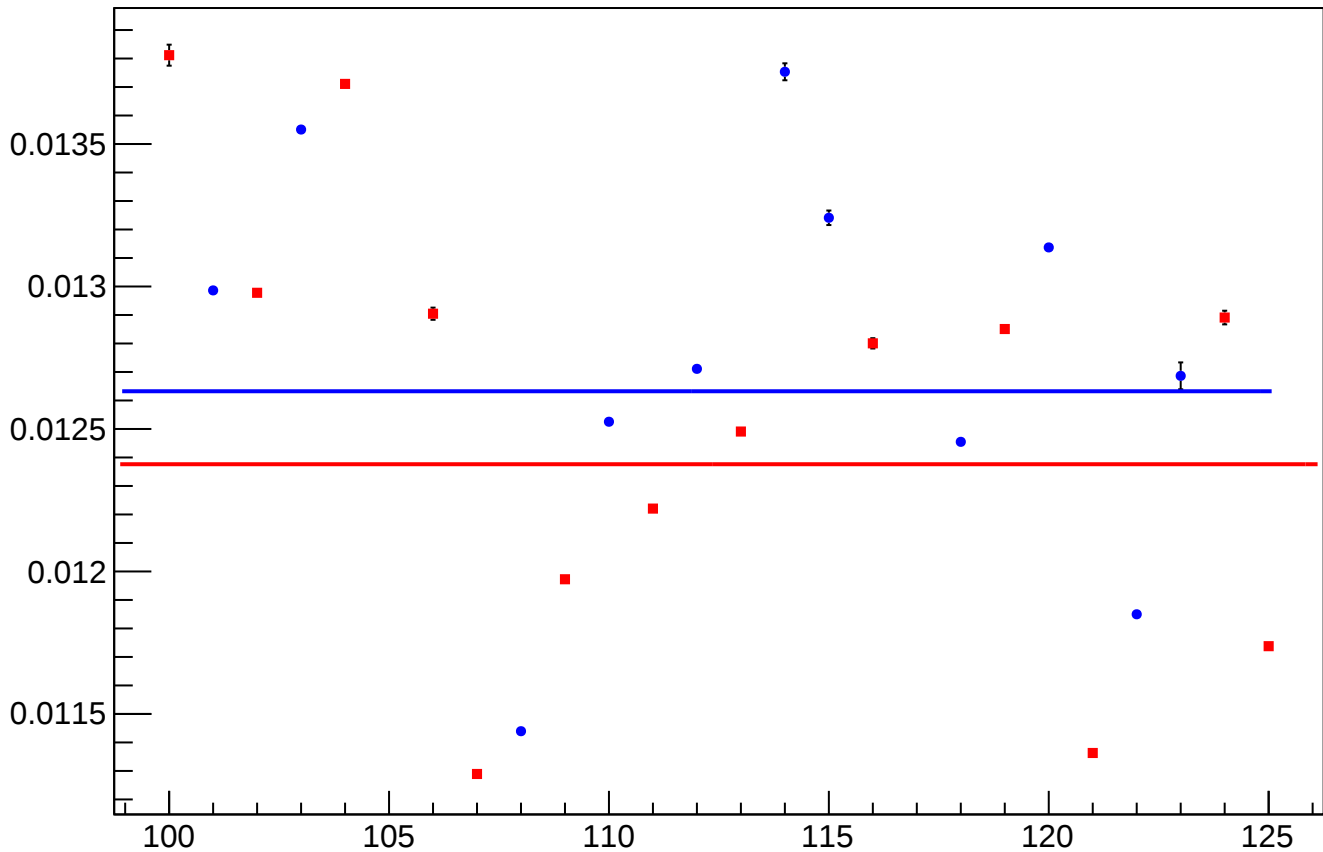
Right: 1.644+/-0.000 χ^2/NDF : 4596055100.3/23

In: 1.631+/-0.000 χ^2/NDF : 1946435041.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.644+/-0.000 χ^2/NDF : 4596055100.3/23

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 20828.9/10

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

Right Out: 0.012+/-0.000 χ^2/NDF : 31855.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

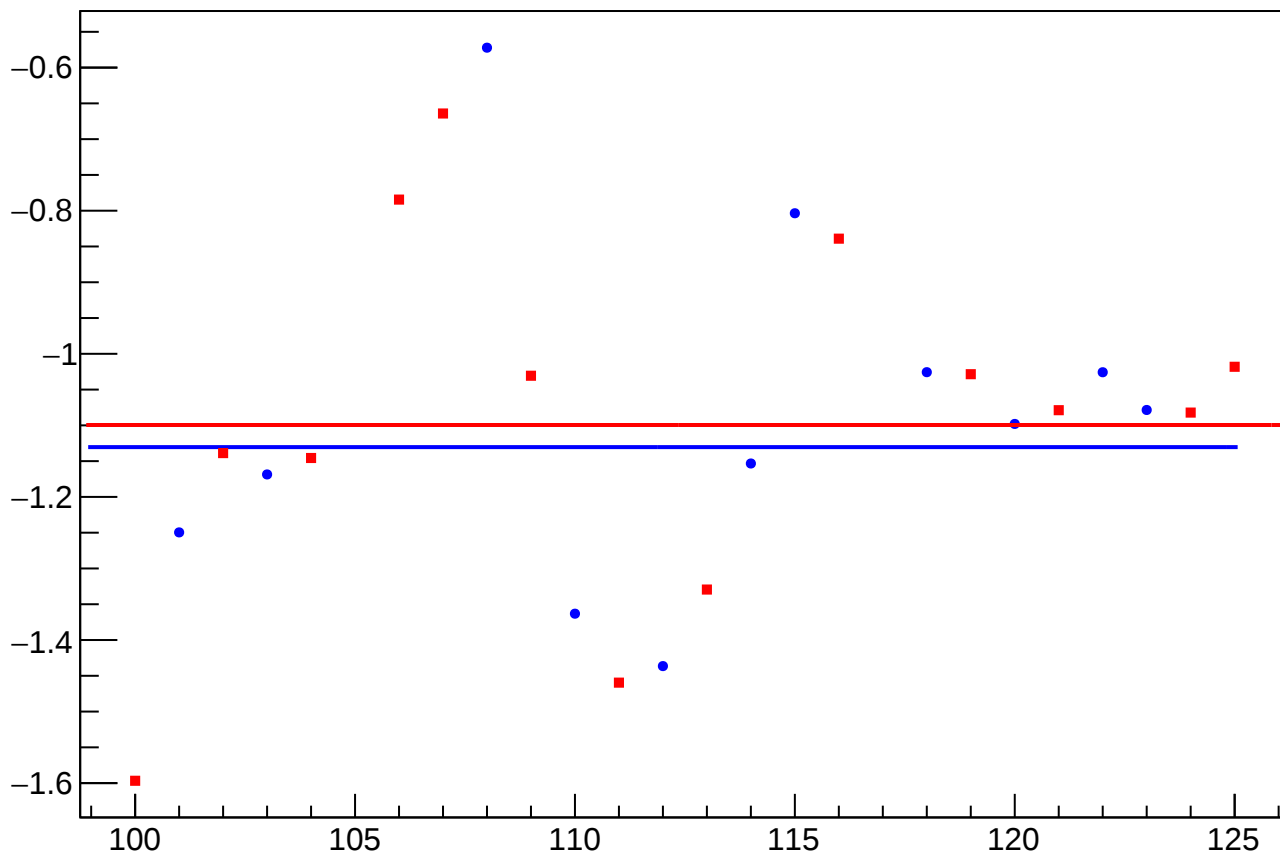
Right: 0.012+/-0.000 χ^2/NDF : 54414.7/23

In: 0.013+/-0.000 χ^2/NDF : 20828.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 54414.7/23

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.130+/-0.000 χ^2/NDF : 2305503991.2/10

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

Right Out: -1.099+/-0.000 χ^2/NDF : 2084275180.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

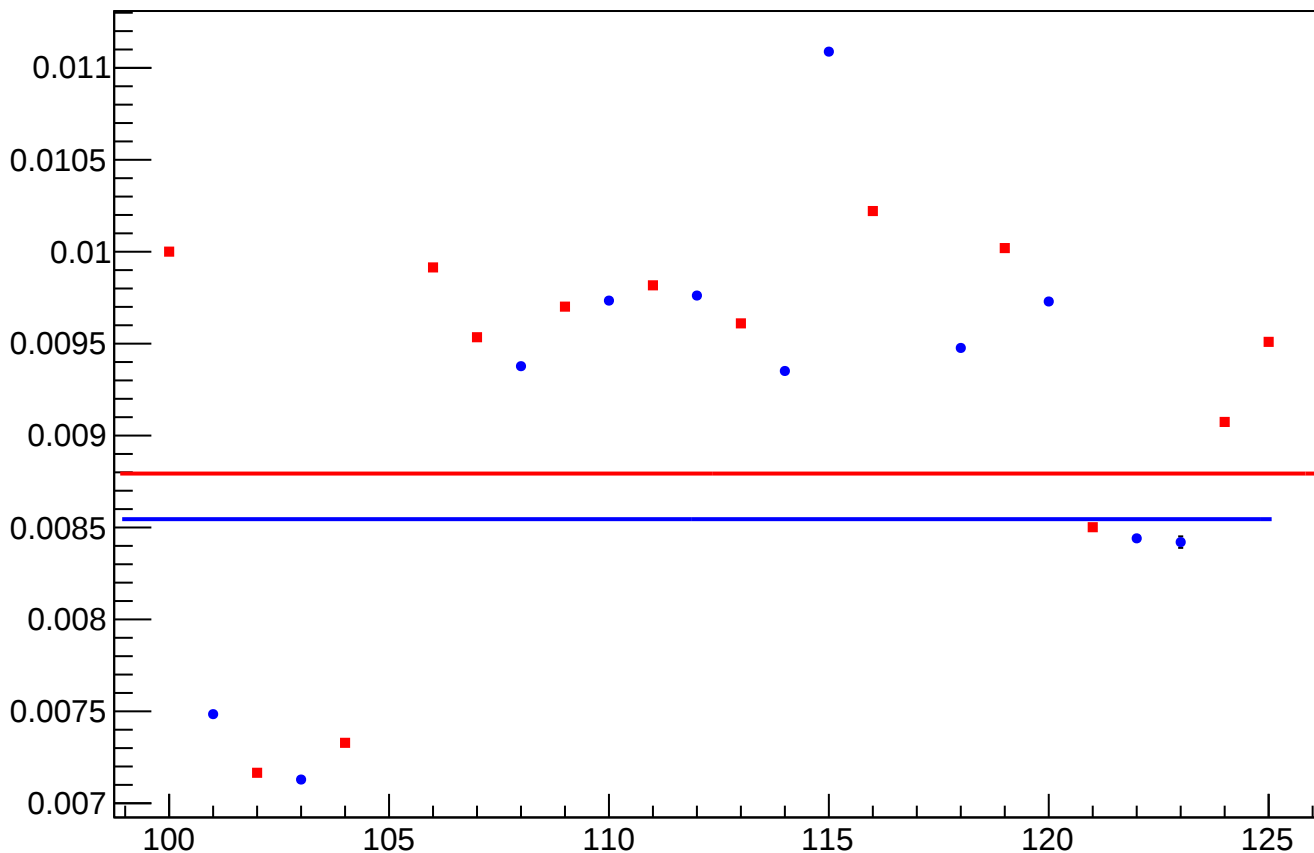
Right: -1.114+/-0.000 χ^2/NDF : 4415053509.3/23

In: -1.130+/-0.000 χ^2/NDF :2305503991.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.114+/-0.000 χ^2/NDF : 4415053509.3/23

yield_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 129369.2/10

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

Right Out: 0.009+/-0.000 χ^2/NDF : 152975.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

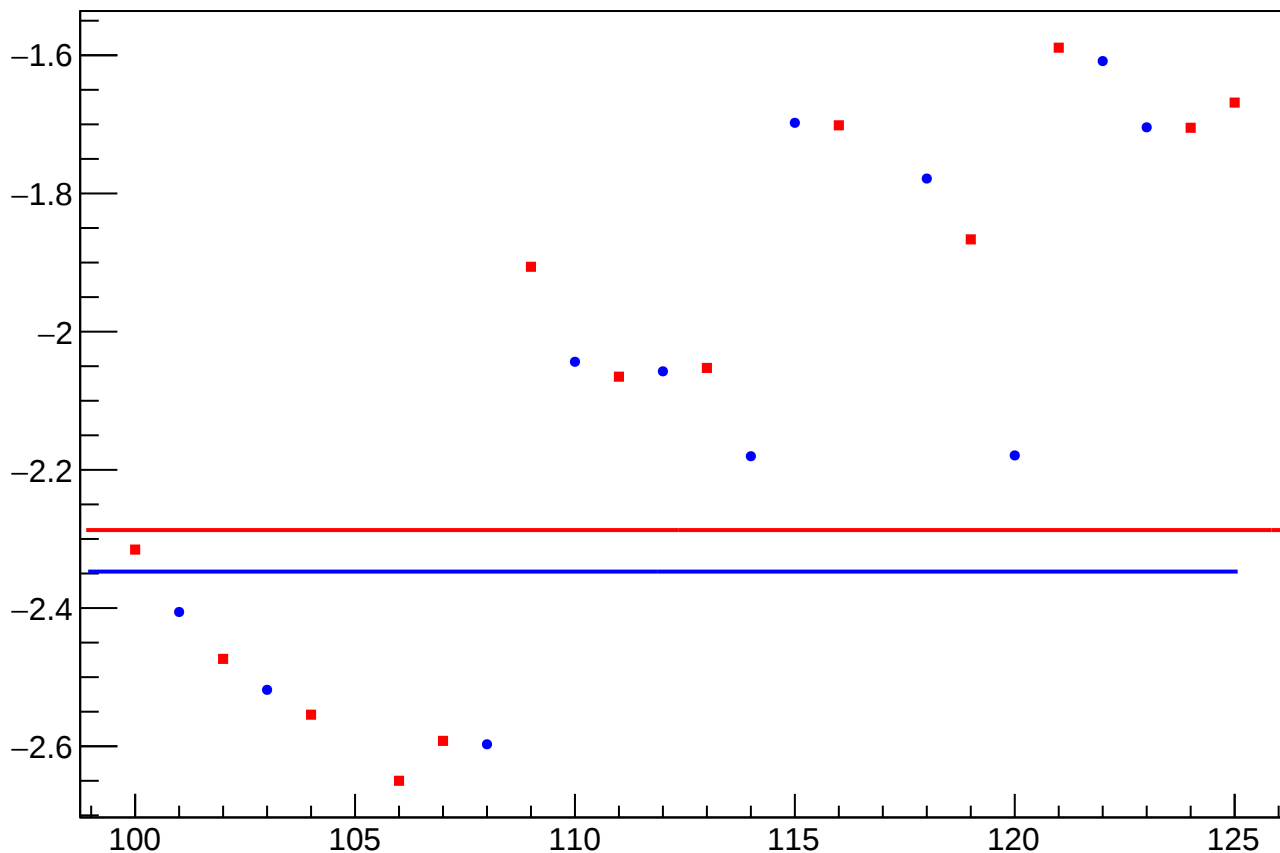
Right: 0.009+/-0.000 χ^2/NDF : 285600.5/23

In: 0.009+/-0.000 χ^2/NDF : 129369.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 285600.5/23

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.347+/-0.000 χ^2/NDF : 4911222494.1/10

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

Right Out: -2.287+/-0.000 χ^2/NDF : 8880804254.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

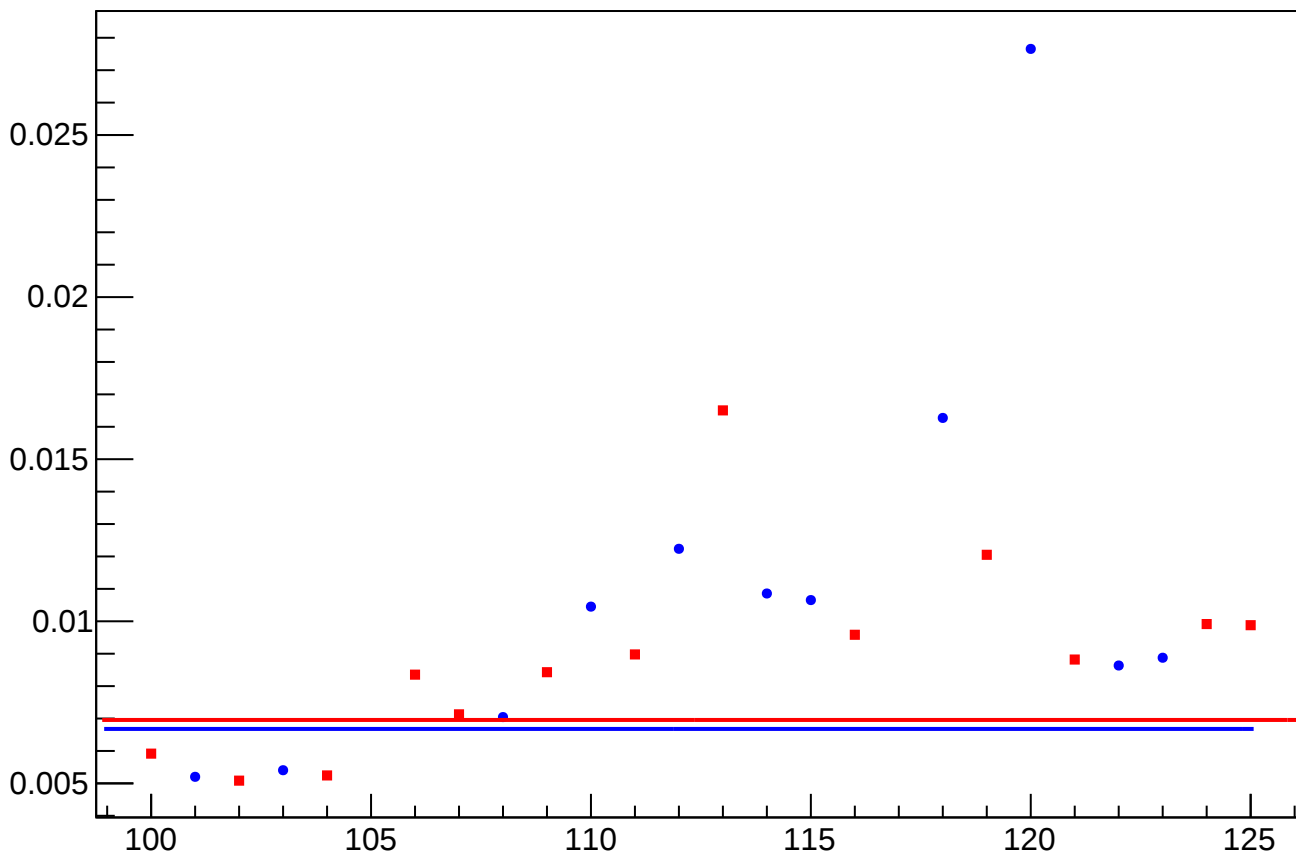
Right: -2.314+/-0.000 χ^2/NDF : 13910483081.4/23

In: -2.347+/-0.000 χ^2/NDF : 4911222494.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.314+/-0.000 χ^2/NDF : 13910483081.4/23

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 916275.7/10

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

Right Out: 0.007+/-0.000 χ^2/NDF : 740630.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

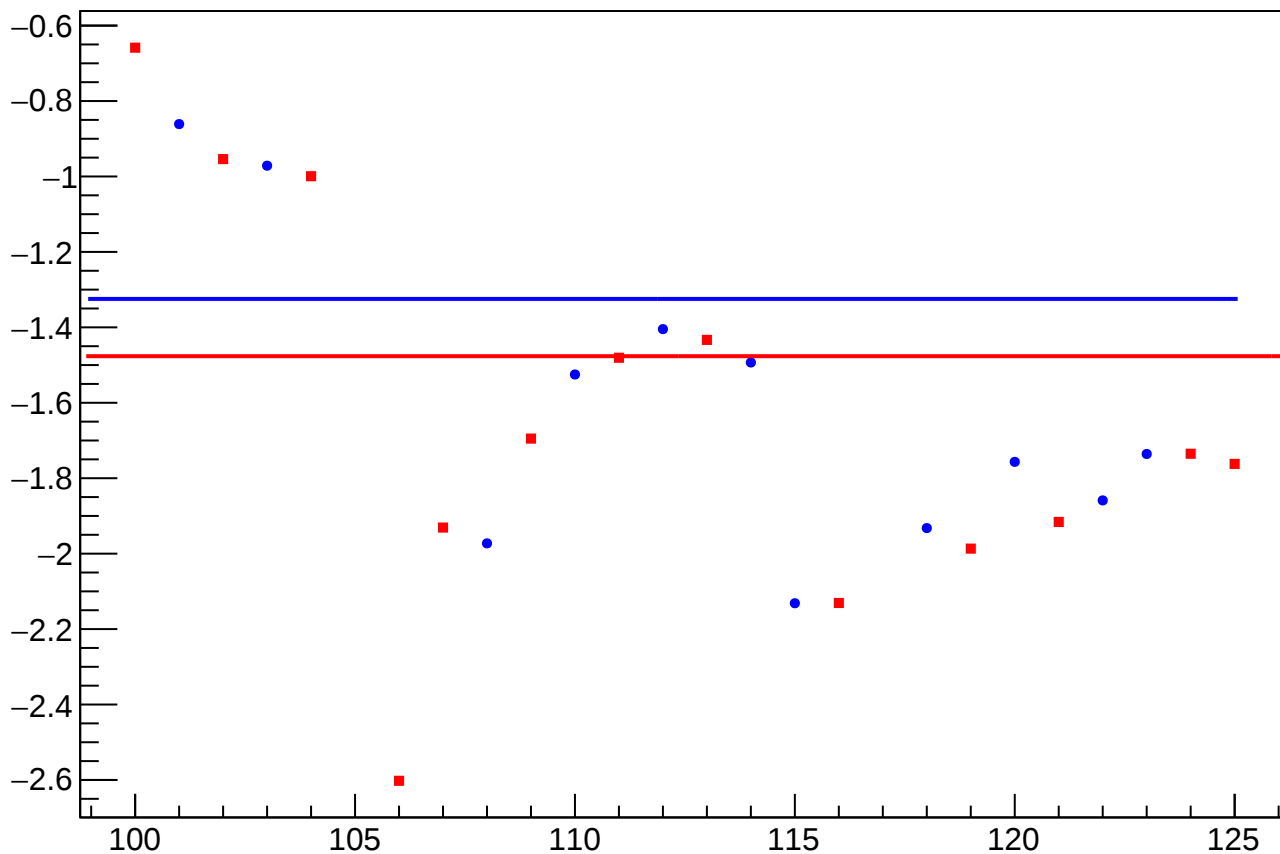
Right: 0.007+/-0.000 χ^2/NDF : 1661941.6/23

In: 0.007+/-0.000 χ^2/NDF :916275.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 1661941.6/23

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.325+/-0.000 χ^2/NDF : 15243638869.1/10

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

Right Out: -1.476+/-0.000 χ^2/NDF : 23783452756.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

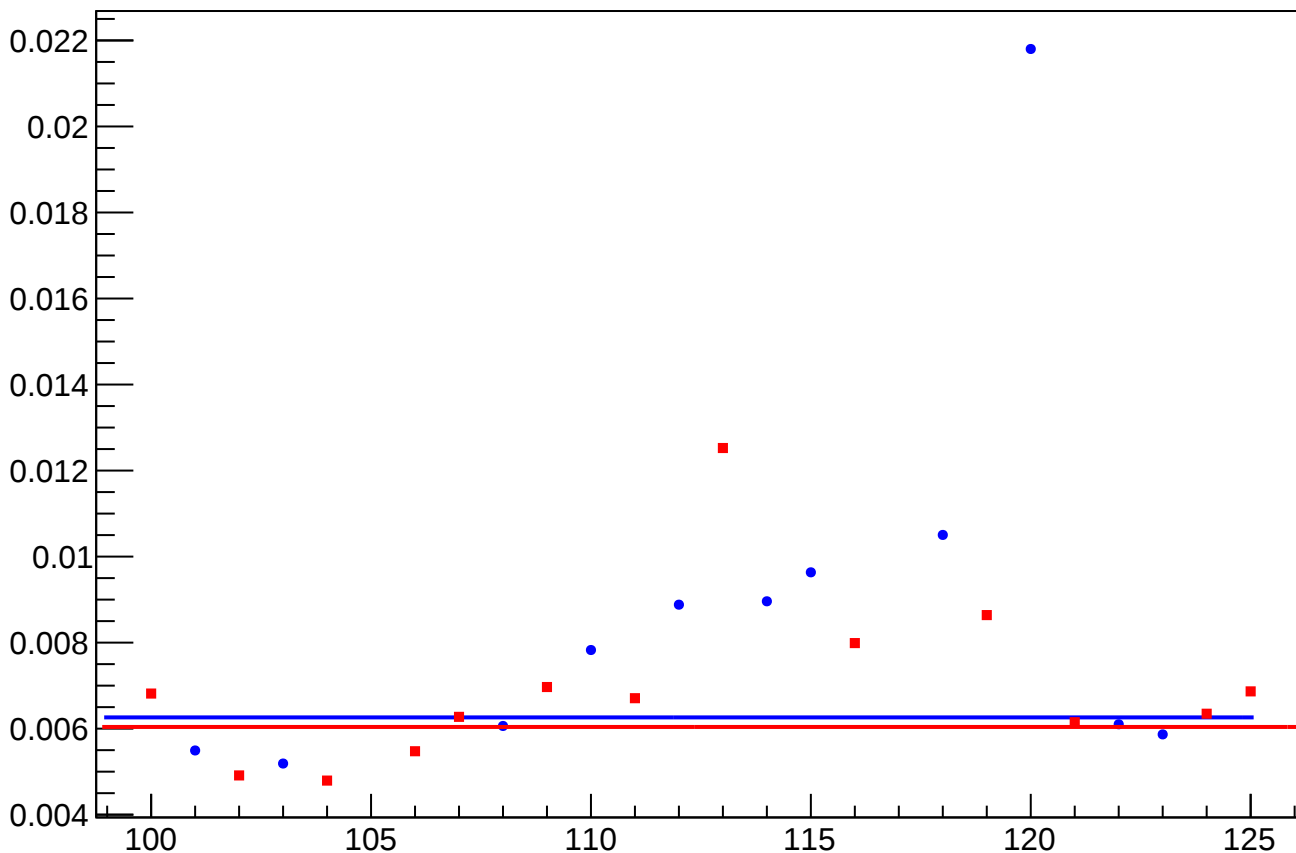
Right: -1.413+/-0.000 χ^2/NDF : 39999254468.9/23

In: -1.325+/-0.000 χ^2/NDF : 15243638869.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.413+/-0.000 χ^2/NDF : 39999254468.9/23

yield_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 516224.5/10

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

Right Out: 0.006+/-0.000 χ^2/NDF : 355357.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

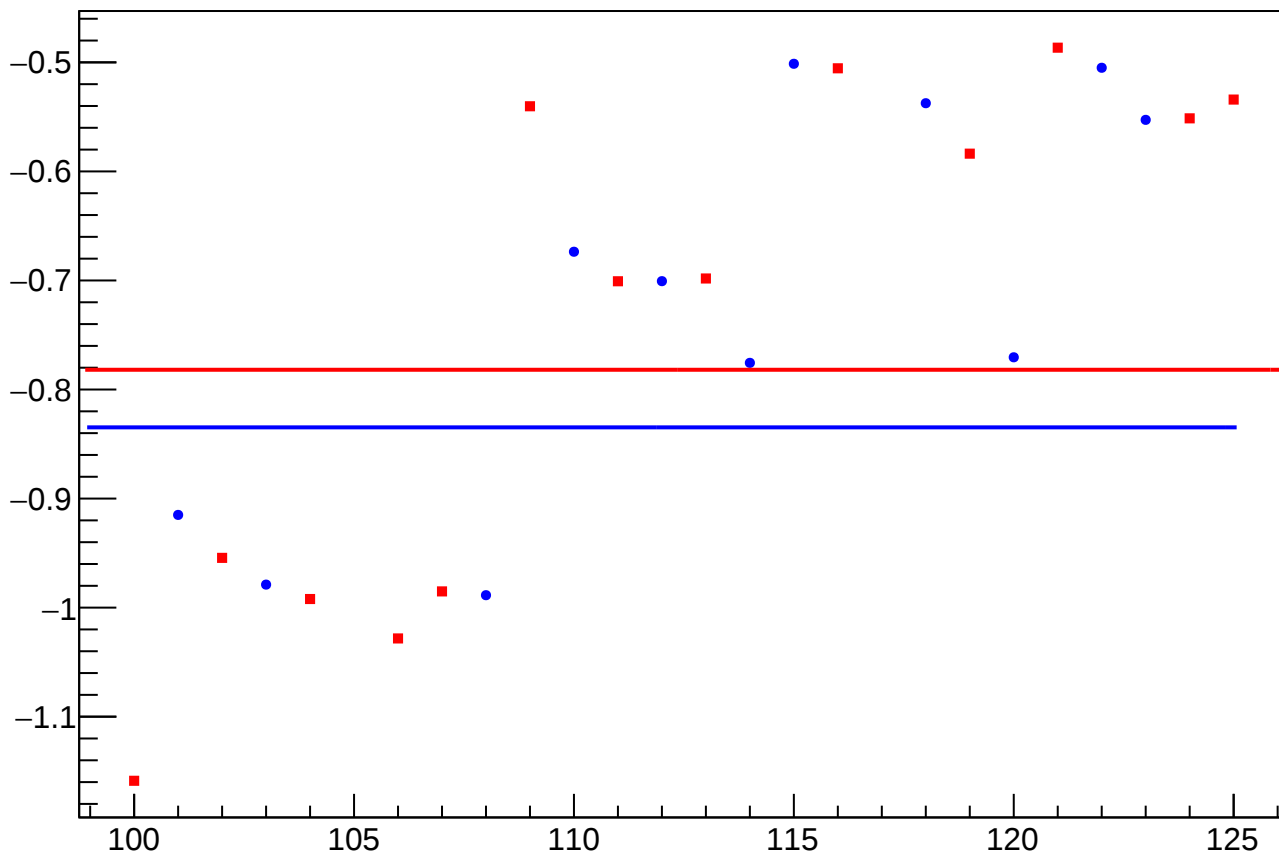
Right: 0.006+/-0.000 χ^2/NDF : 875749.8/23

In: 0.006+/-0.000 χ^2/NDF :516224.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 875749.8/23

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.835+/-0.000 χ^2/NDF : 3754428497.6/10

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

Right Out: -0.782+/-0.000 χ^2/NDF : 7042838141.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

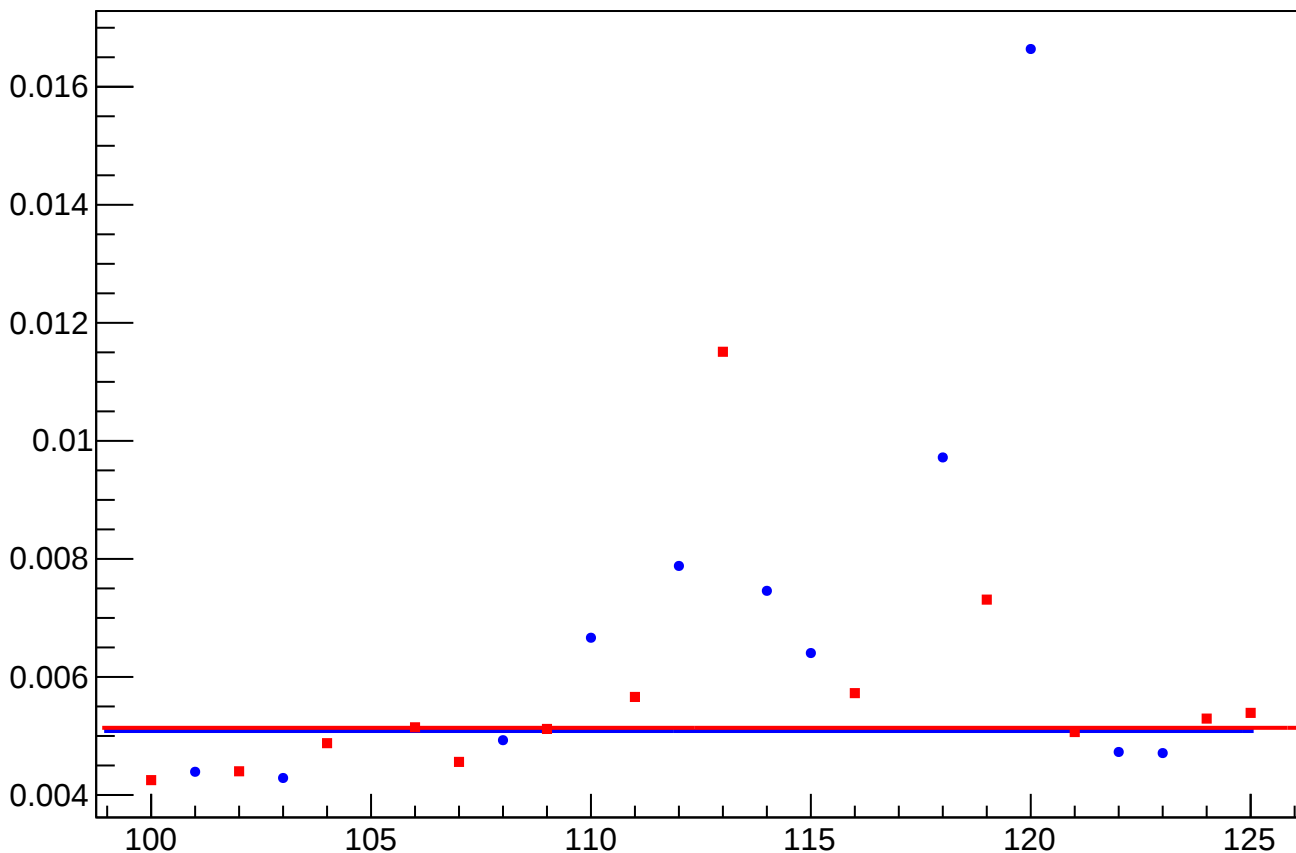
Right: -0.805+/-0.000 χ^2/NDF : 10971296714.2/23

In: -0.835+/-0.000 χ^2/NDF :3754428497.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.805+/-0.000 χ^2/NDF : 10971296714.2/23

yield_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 583818.3/10

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

Right Out: 0.005+/-0.000 χ^2/NDF : 287229.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

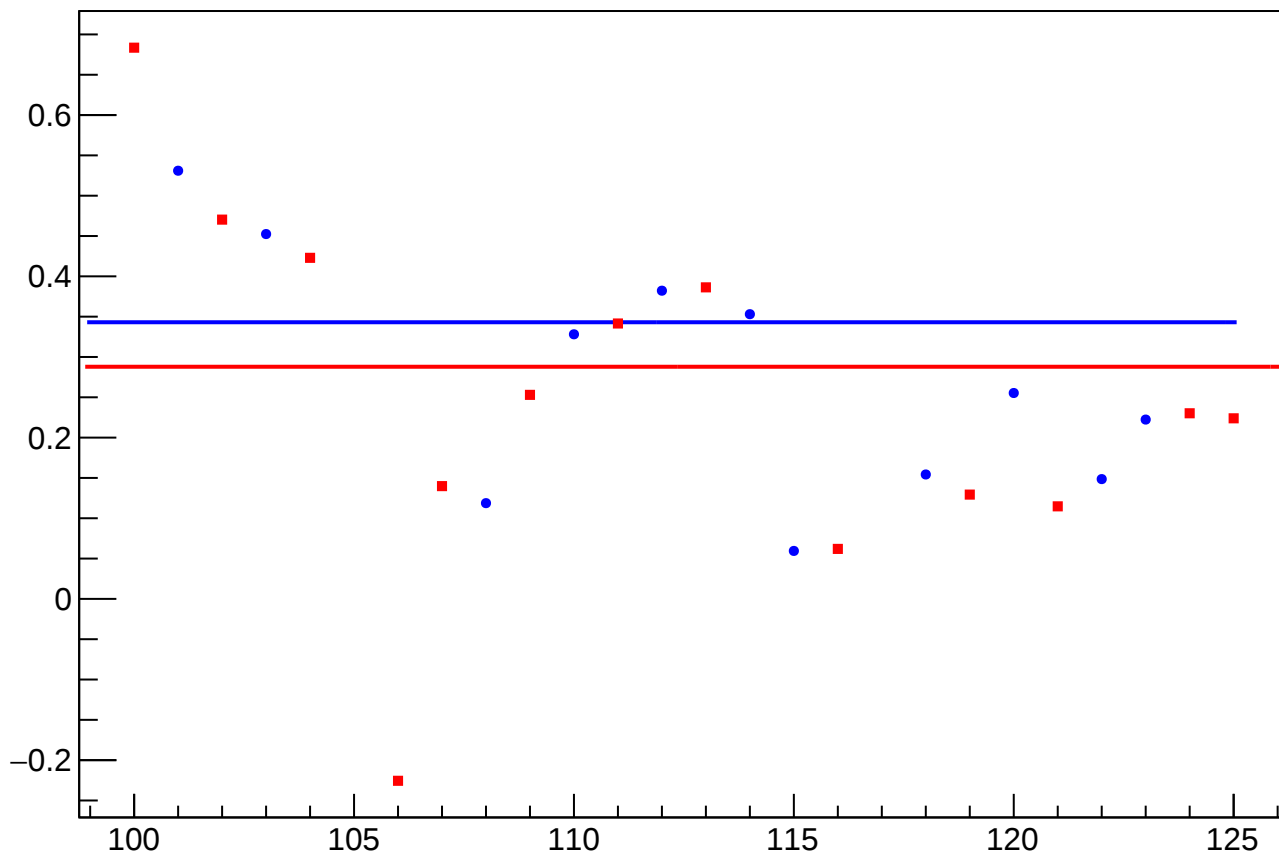
Right: 0.005+/-0.000 χ^2/NDF : 871413.5/23

In: 0.005+/-0.000 χ^2/NDF : 583818.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 871413.5/23

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.343+/-0.000 χ^2/NDF : 4655561466.0/10

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

Right Out: 0.288+/-0.000 χ^2/NDF : 6955966631.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

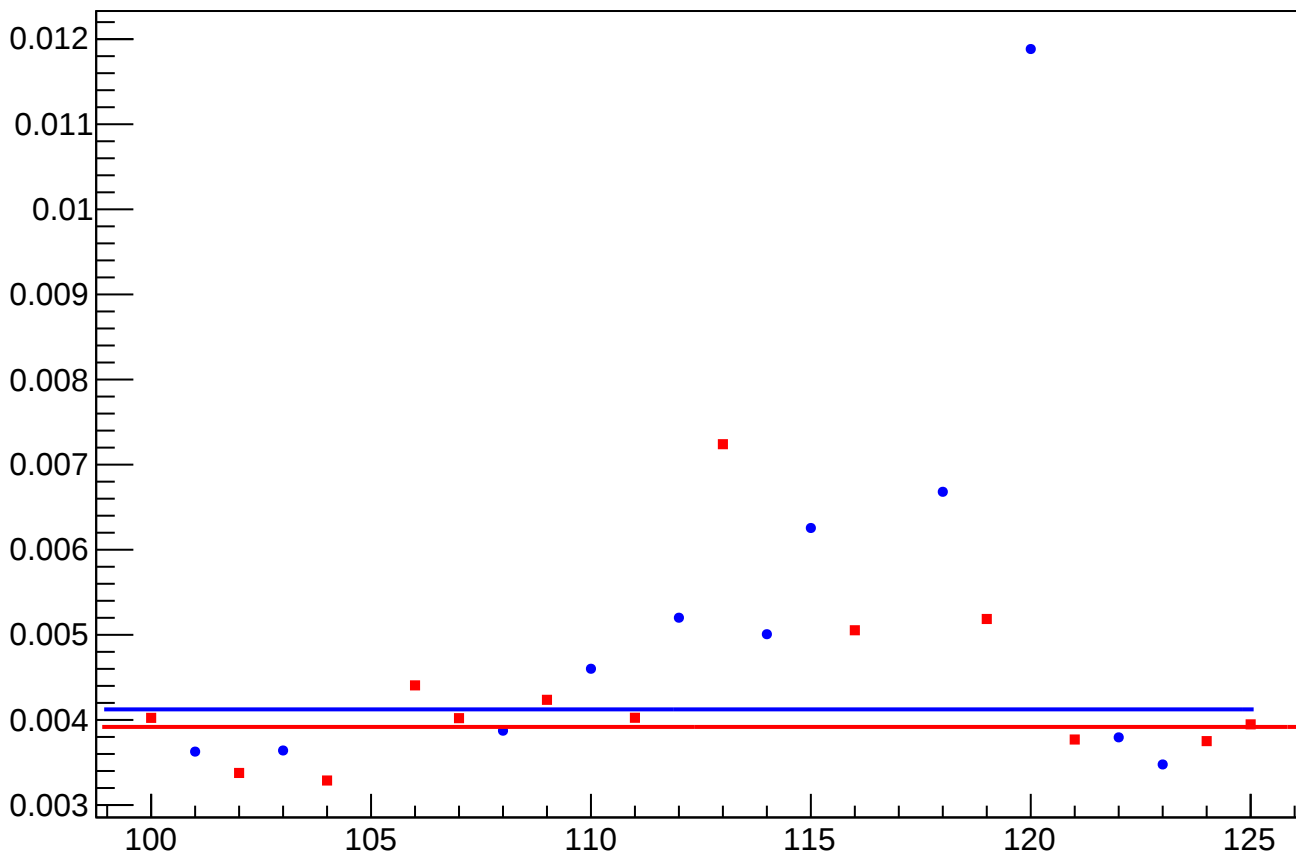
Right: 0.311+/-0.000 χ^2/NDF : 11925947537.0/23

In: 0.343+/-0.000 χ^2/NDF : 4655561466.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.311+/-0.000 χ^2/NDF : 11925947537.0/23

yield_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 427614.1/10

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

Right Out: 0.004+/-0.000 χ^2/NDF : 235178.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

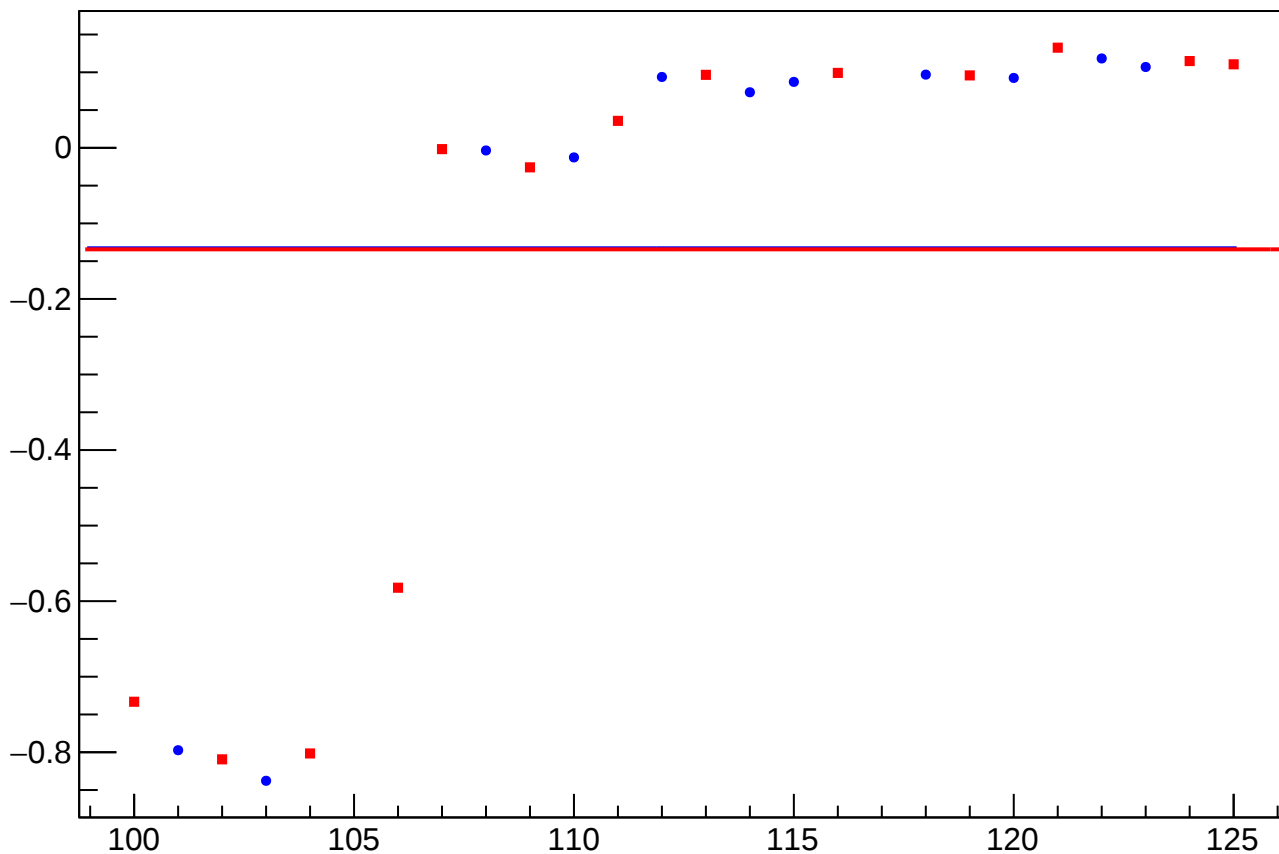
Right: 0.004+/-0.000 χ^2/NDF : 671576.9/23

In: 0.004+/-0.000 χ^2/NDF : 427614.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 671576.9/23

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.133+/-0.000 χ^2/NDF : 4726473713.2/10

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

Right Out: -0.134+/-0.000 χ^2/NDF : 5365938360.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

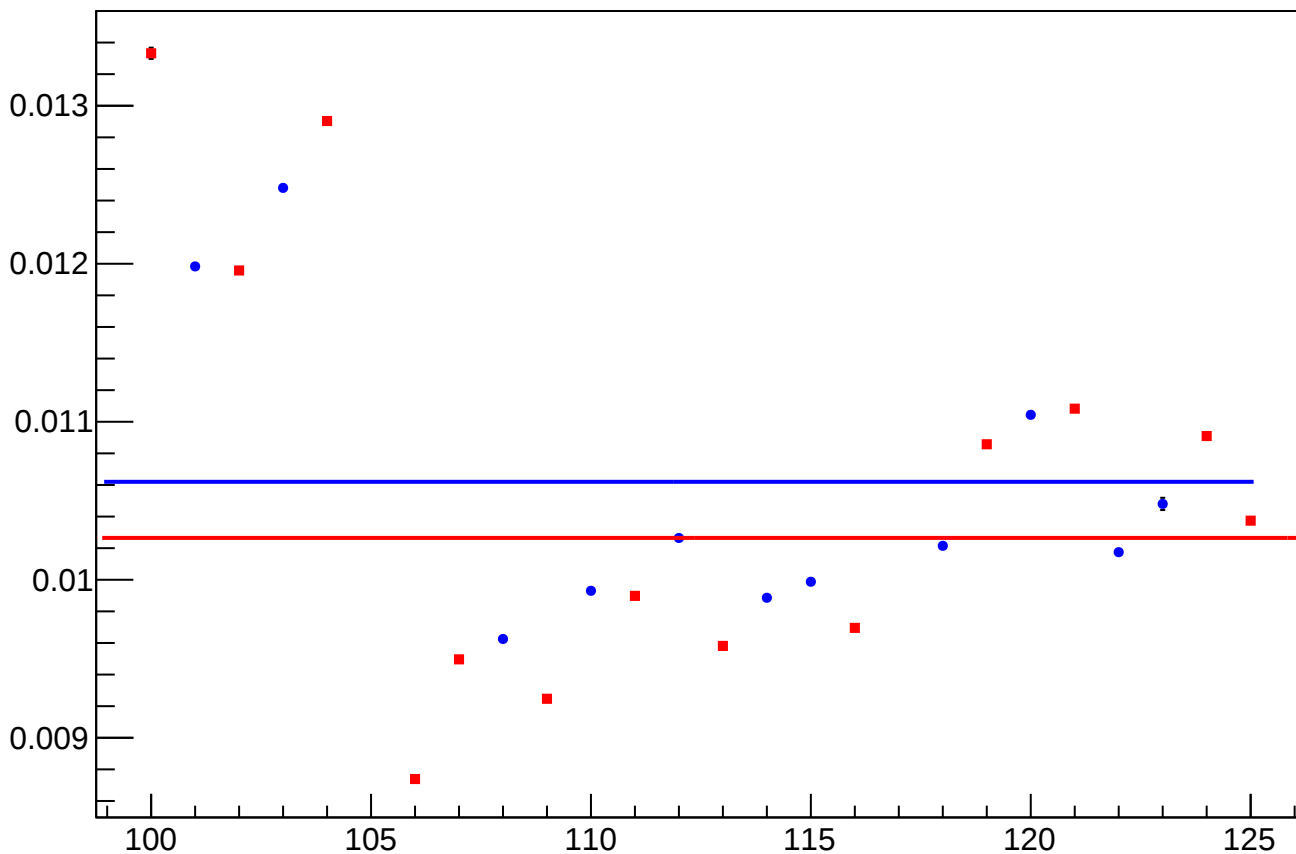
Right: -0.134+/-0.000 χ^2/NDF : 10092450240.4/23

In: -0.133+/-0.000 χ^2/NDF :4726473713.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.134+/-0.000 χ^2/NDF : 10092450240.4/23

yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 59222.0/10

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

Right Out: 0.010+/-0.000 χ^2/NDF : 121642.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

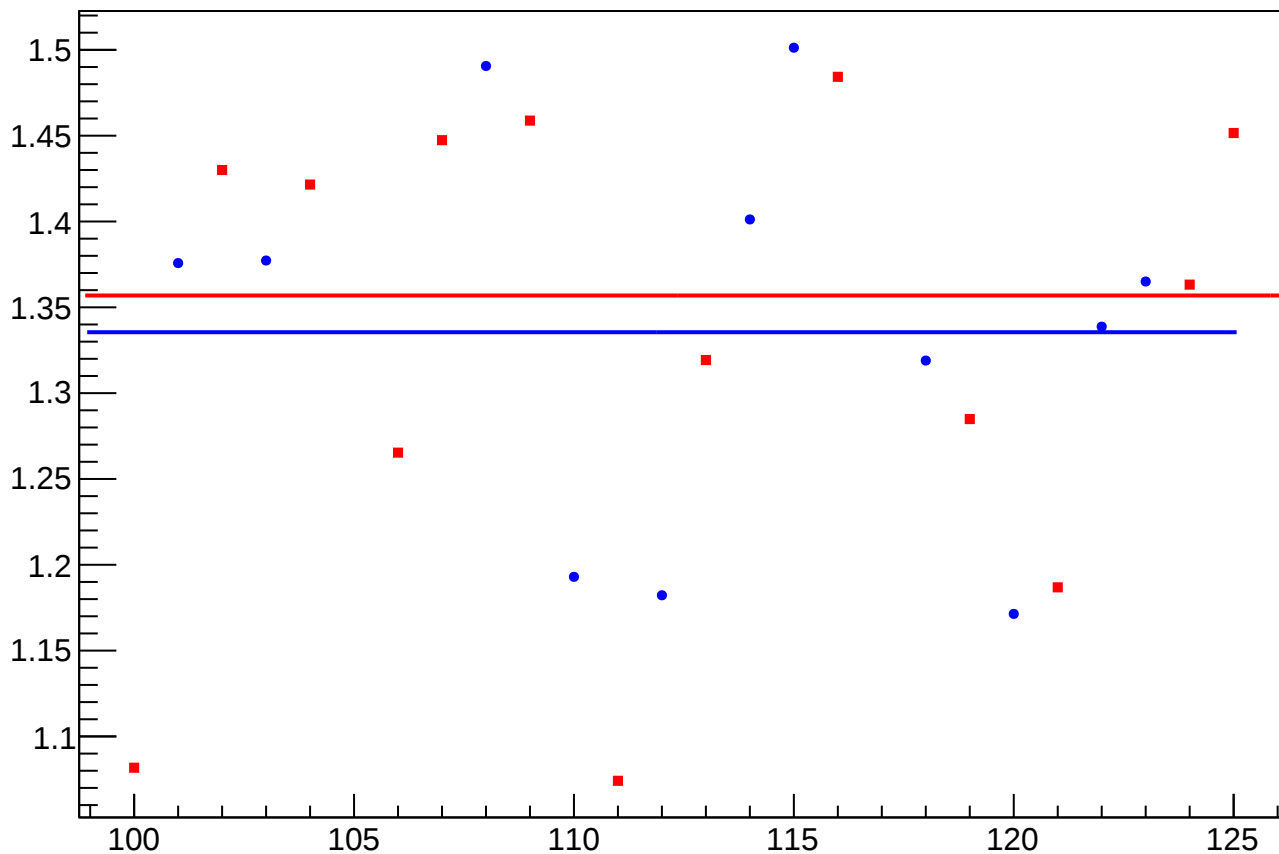
Right: 0.010+/-0.000 χ^2/NDF : 185731.6/23

In: 0.011+/-0.000 χ^2/NDF : 59222.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 185731.6/23

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.335+/-0.000 χ^2/NDF : 722931701.7/10

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

Right Out: 1.357+/-0.000 χ^2/NDF : 1316101077.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

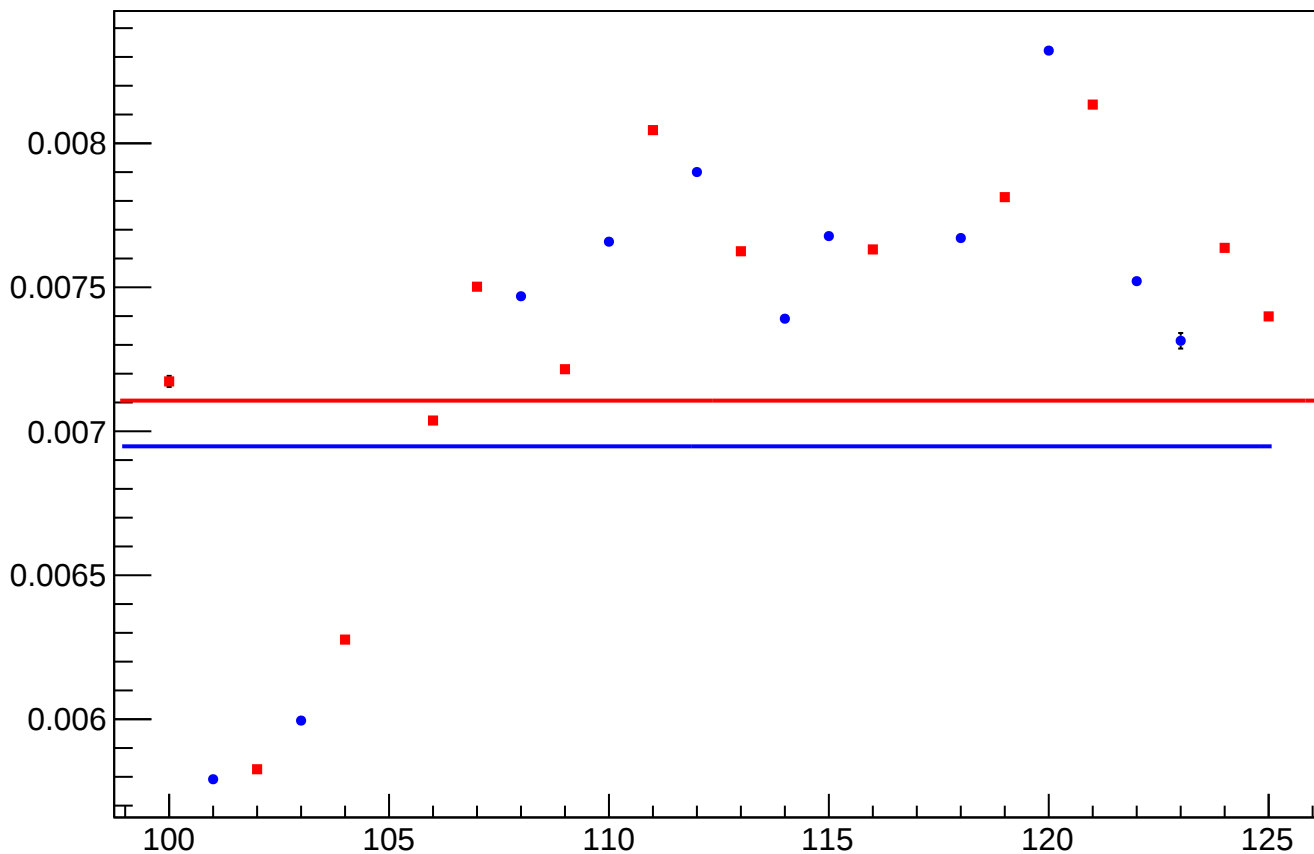
Right: 1.347+/-0.000 χ^2/NDF : 2058535607.2/23

In: 1.335+/-0.000 χ^2/NDF : 722931701.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.347+/-0.000 χ^2/NDF : 2058535607.2/23

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 132968.3/10

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

Right Out: 0.007+/-0.000 χ^2/NDF : 112593.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

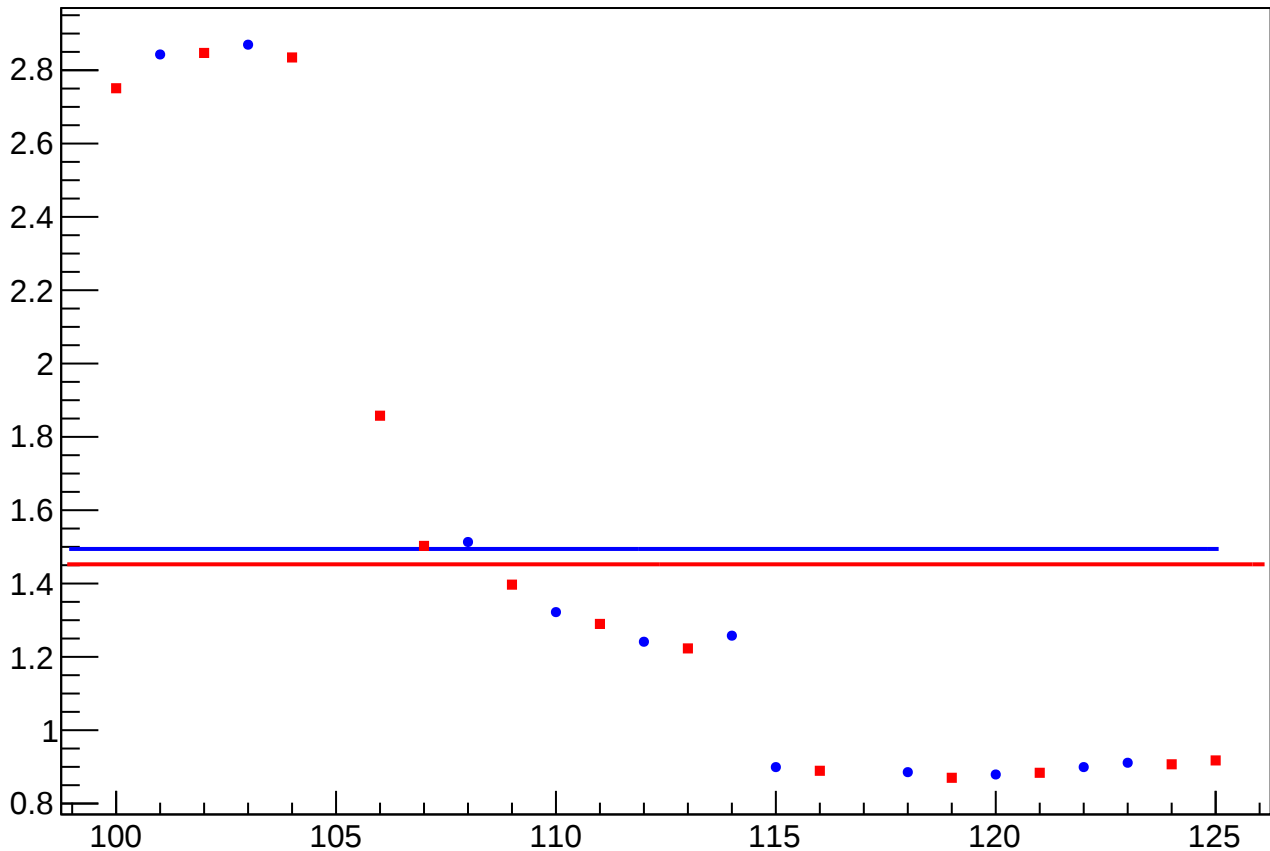
Right: 0.007+/-0.000 χ^2/NDF : 247709.5/23

In: 0.007+/-0.000 χ^2/NDF :132968.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 247709.5/23

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 1.494+/-0.000 χ^2/NDF : 44662274973.0/10

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

Right Out: 1.452+/-0.000 χ^2/NDF : 43211538548.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

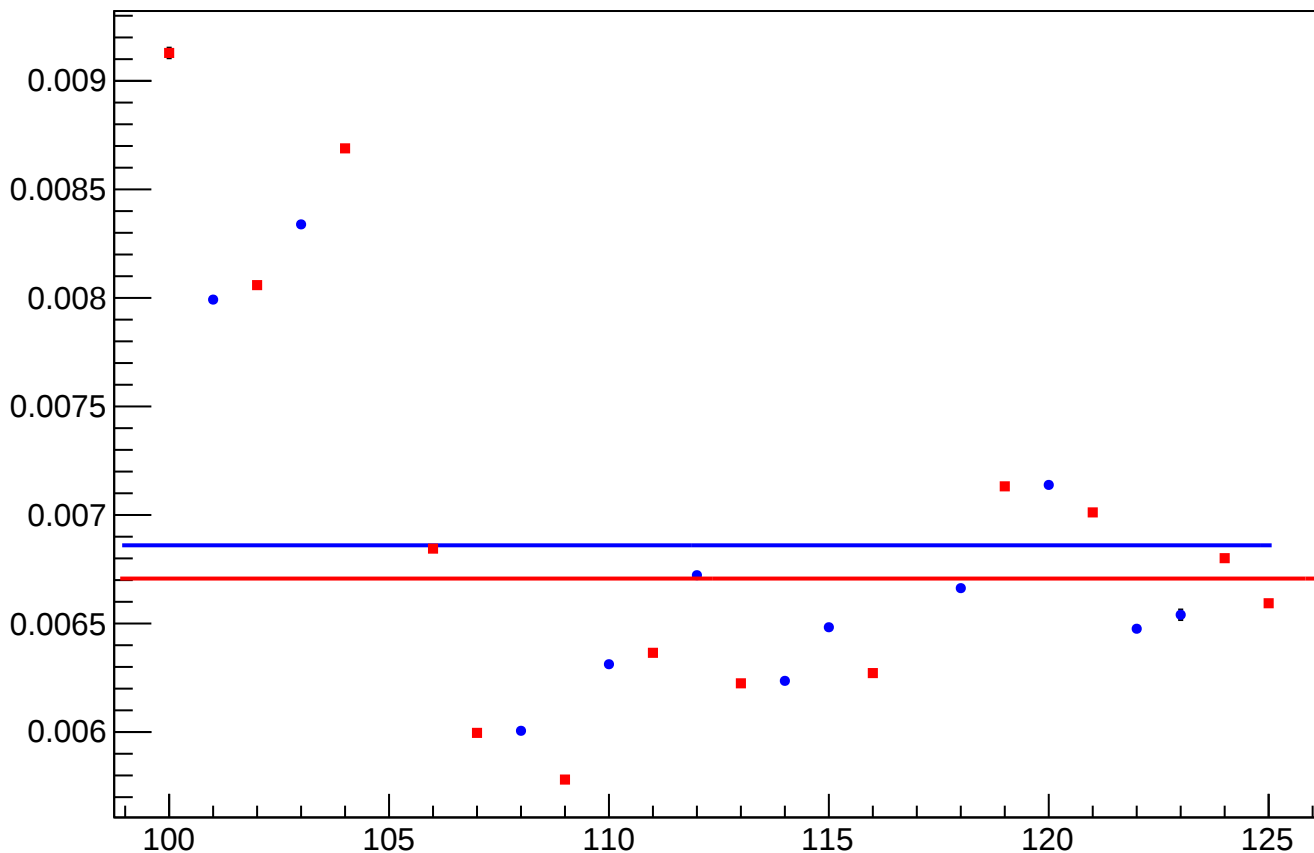
Right: 1.471+/-0.000 χ^2/NDF : 87953973672.9/23

In: 1.494+/-0.000 χ^2/NDF :44662274973.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.471+/-0.000 χ^2/NDF : 87953973672.9/23

yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 87933.1/10

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

Right Out: 0.007+/-0.000 χ^2/NDF : 143935.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

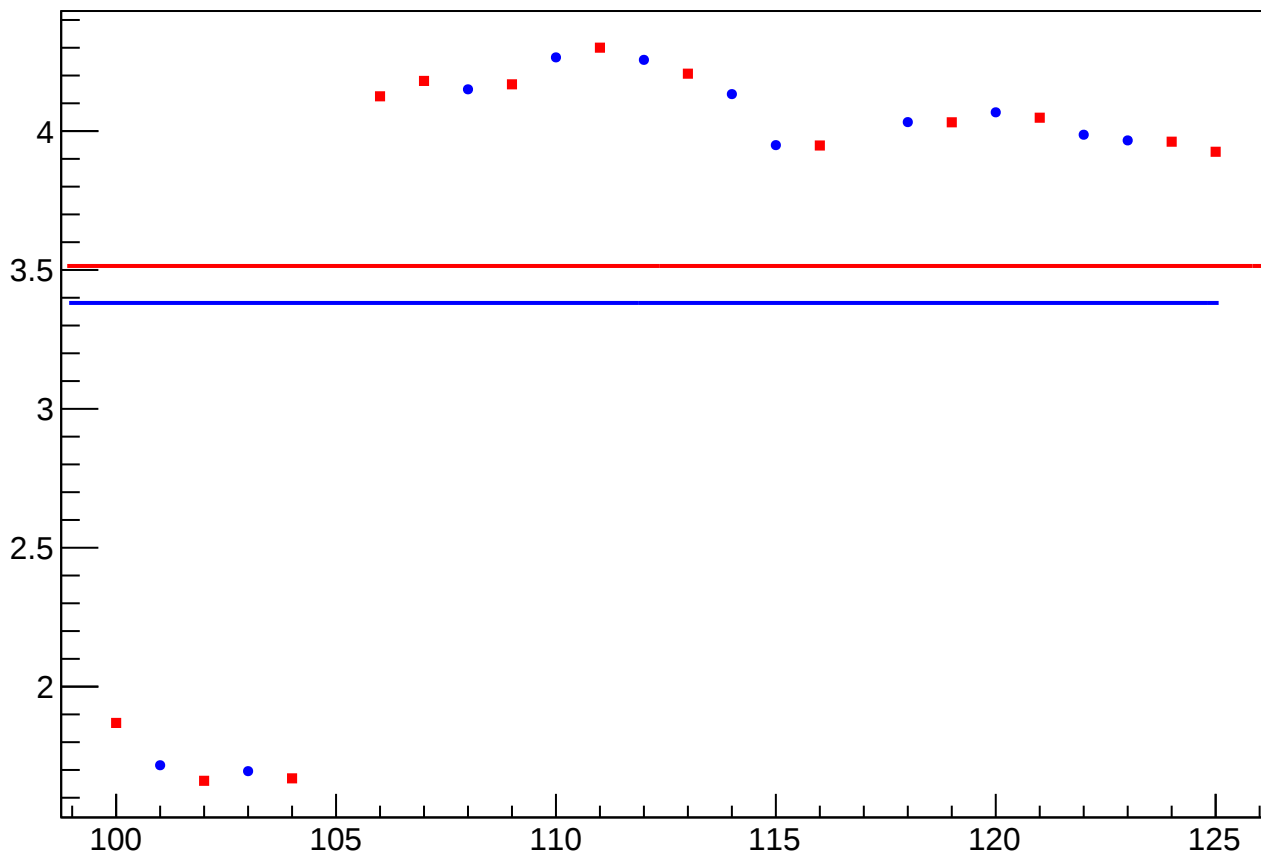
Right: 0.007+/-0.000 χ^2/NDF : 234010.6/23

In: 0.007+/-0.000 χ^2/NDF :87933.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 234010.6/23

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 3.381+/-0.000 χ^2/NDF : 167690018477.8/10

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

Right Out: 3.514+/-0.000 χ^2/NDF : 179881878676.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

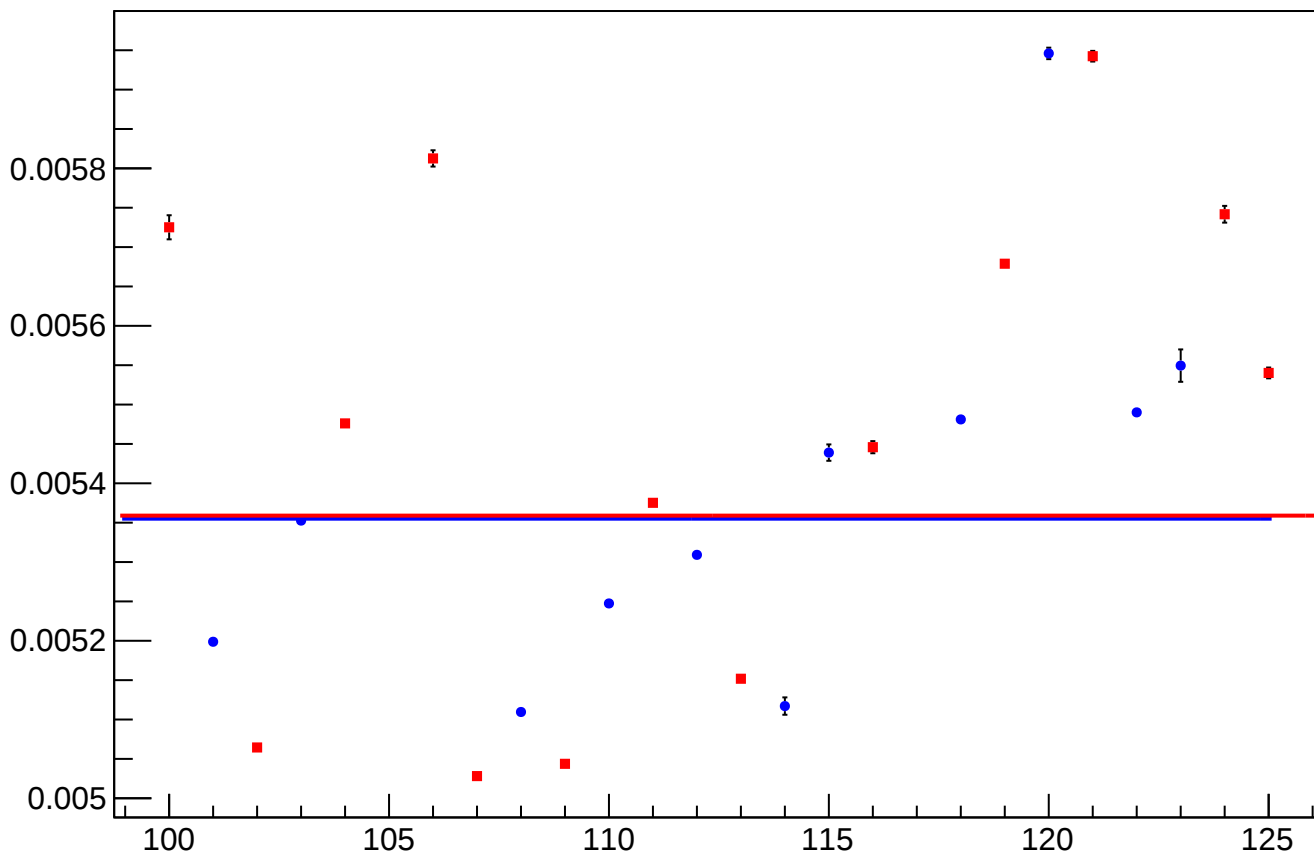
Right: 3.454+/-0.000 χ^2/NDF : 348870720852.6/23

In: 3.381+/-0.000 χ^2/NDF : 167690018477.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.454+/-0.000 χ^2/NDF : 348870720852.6

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 11374.8/10

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

Right Out: 0.005+/-0.000 χ^2/NDF : 27996.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

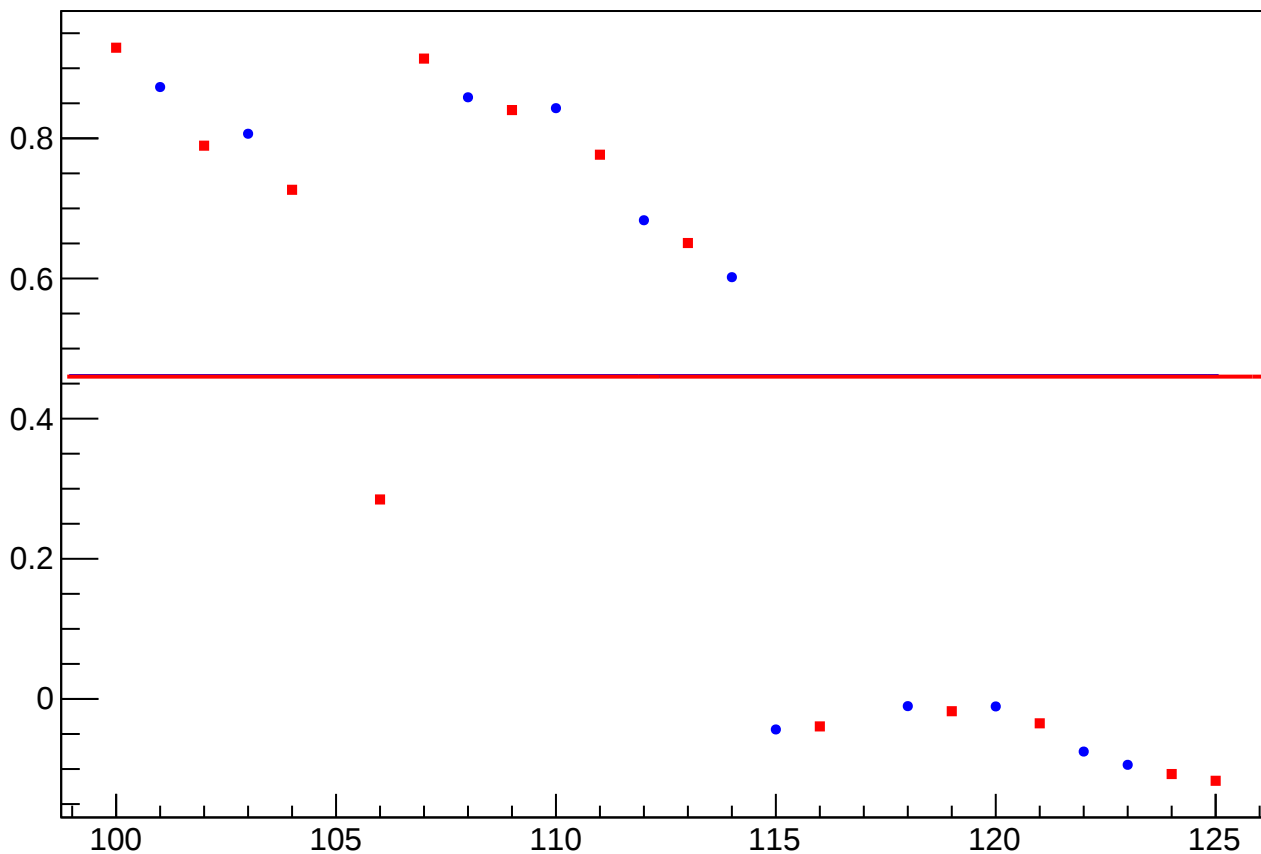
Right: 0.005+/-0.000 χ^2/NDF : 39373.5/23

In: 0.005+/-0.000 χ^2/NDF : 11374.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 39373.5/23

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.461+/-0.000 χ^2/NDF : 3347578453.9/10

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

Right Out: 0.460+/-0.000 χ^2/NDF : 3872620396.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

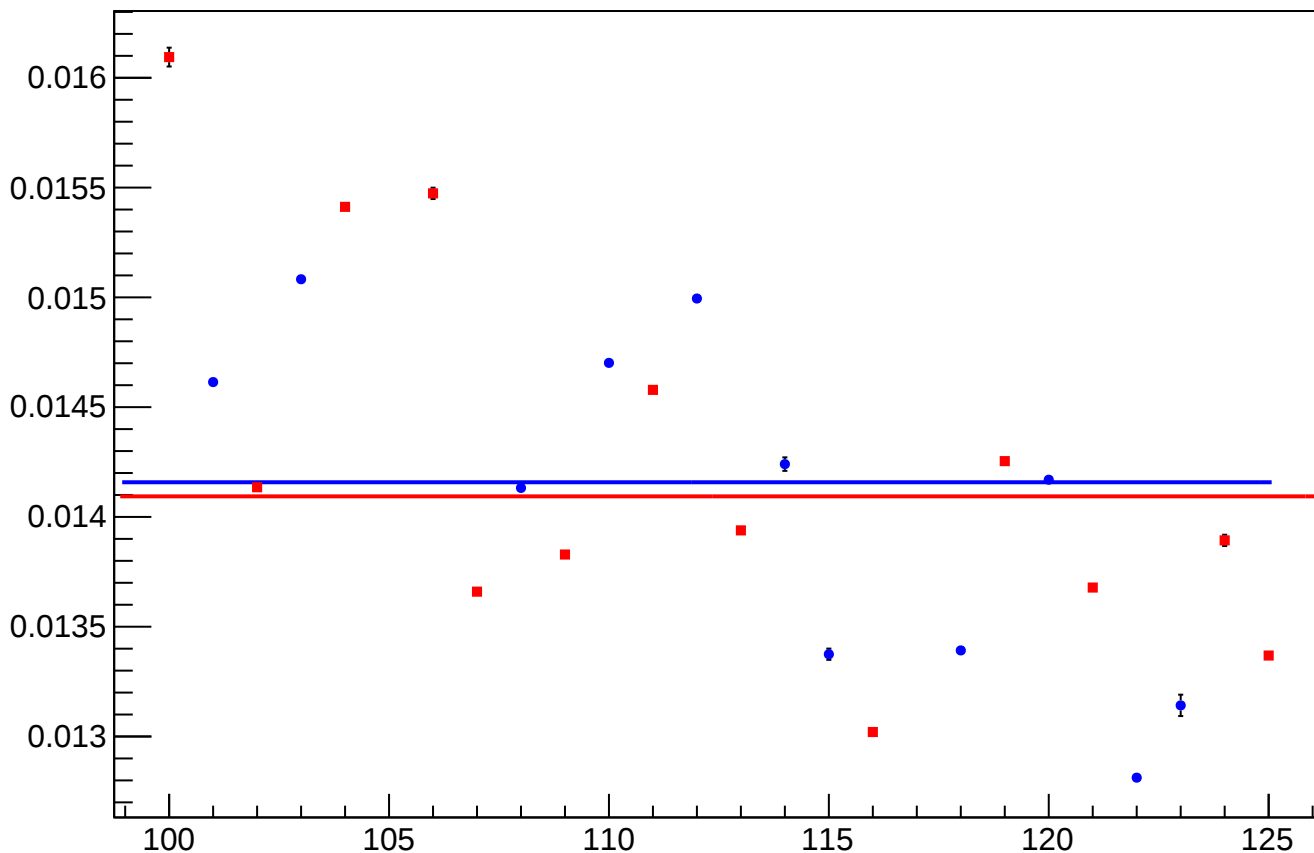
Right: 0.460+/-0.000 χ^2/NDF : 7220206466.6/23

In: 0.461+/-0.000 χ^2/NDF :3347578453.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.460+/-0.000 χ^2/NDF : 7220206466.6/23

yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 22747.0/10

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

Right Out: 0.014+/-0.000 χ^2/NDF : 20532.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

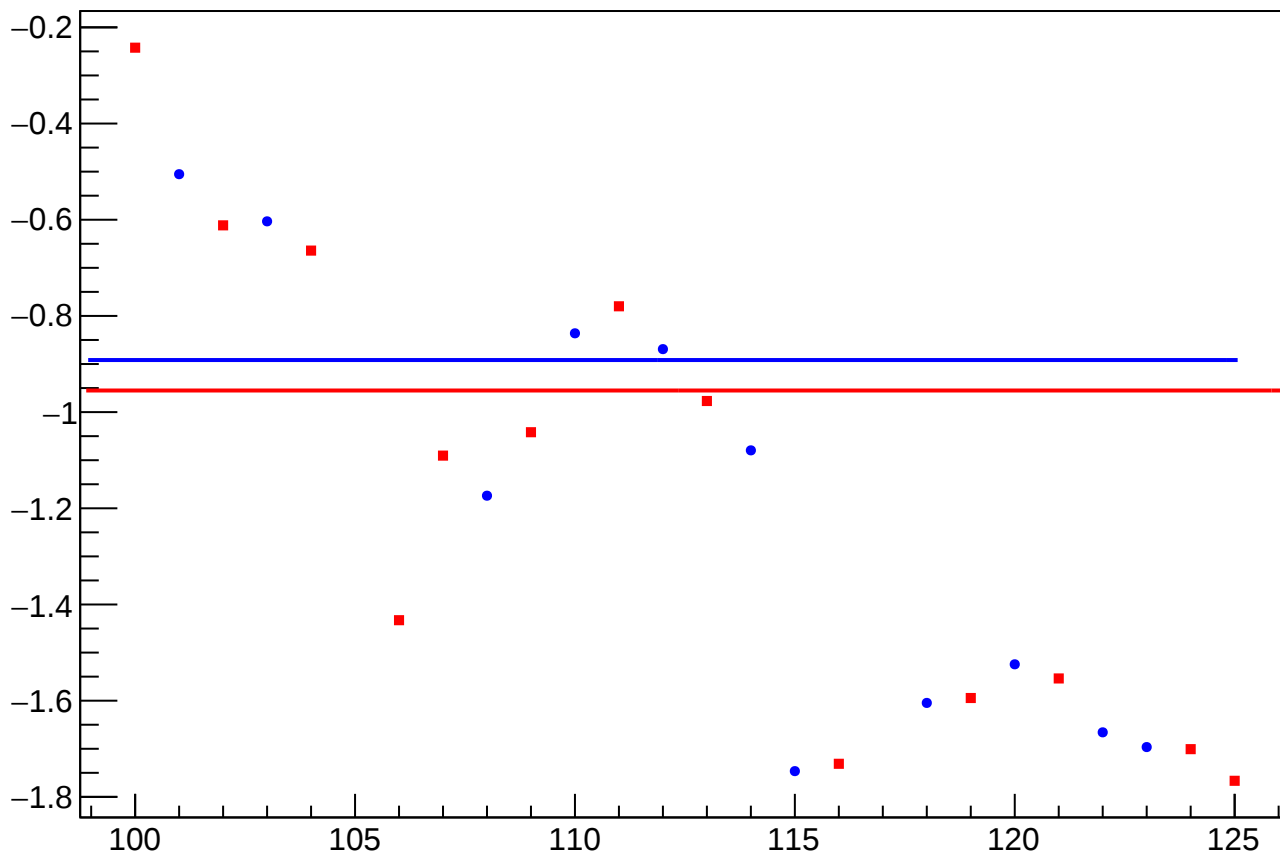
Right: 0.014+/-0.000 χ^2/NDF : 43366.6/23

In: 0.014+/-0.000 χ^2/NDF : 22747.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 43366.6/23

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -0.892+/-0.000 χ^2/NDF : 24945245161.8/10

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

Right Out: -0.955+/-0.000 χ^2/NDF : 25643775239.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

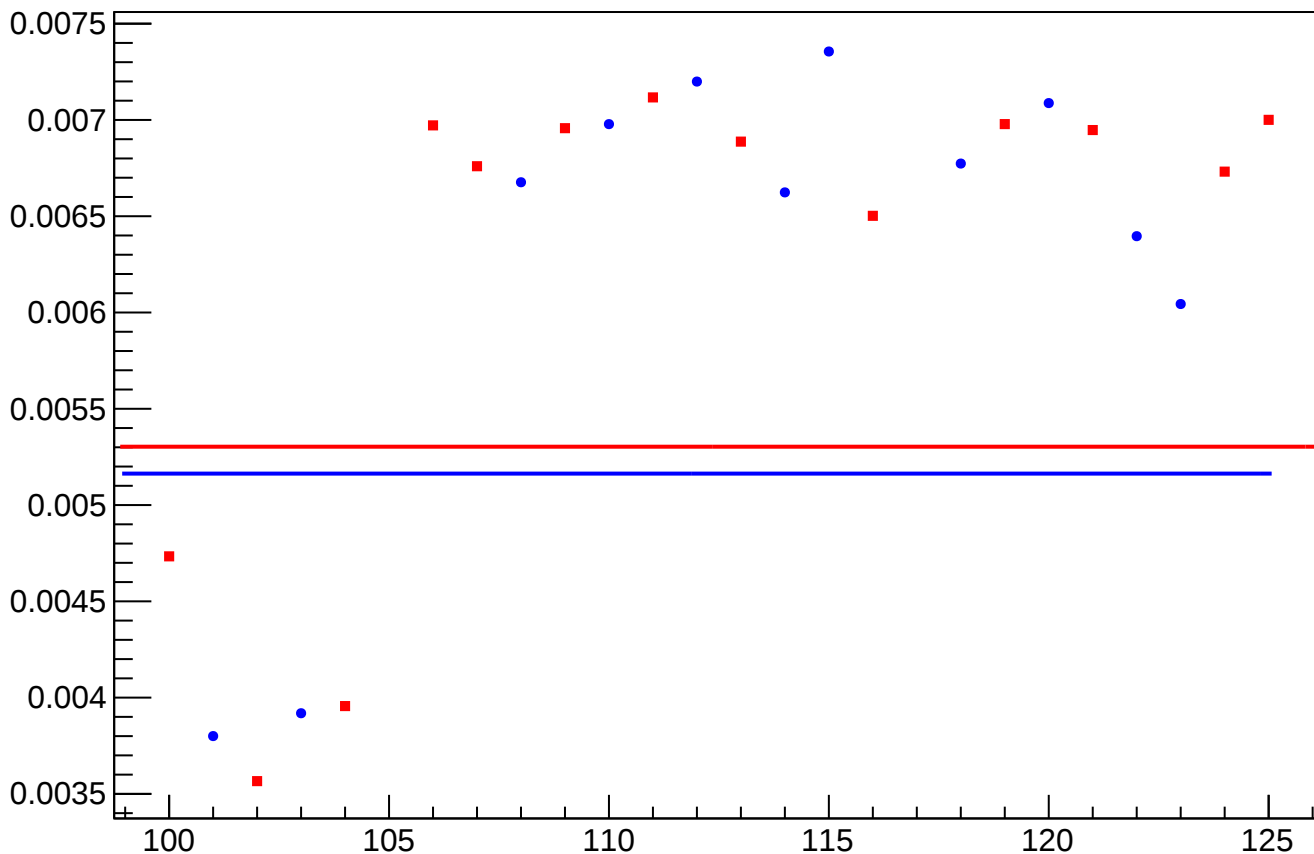
Right: -0.925+/-0.000 χ^2/NDF : 50856293185.5/23

In: -0.892+/-0.000 χ^2/NDF :24945245161.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.925+/-0.000 χ^2/NDF : 50856293185.5/23

yield_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 555907.7/10

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

Right Out: 0.005+/-0.000 χ^2/NDF : 712611.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

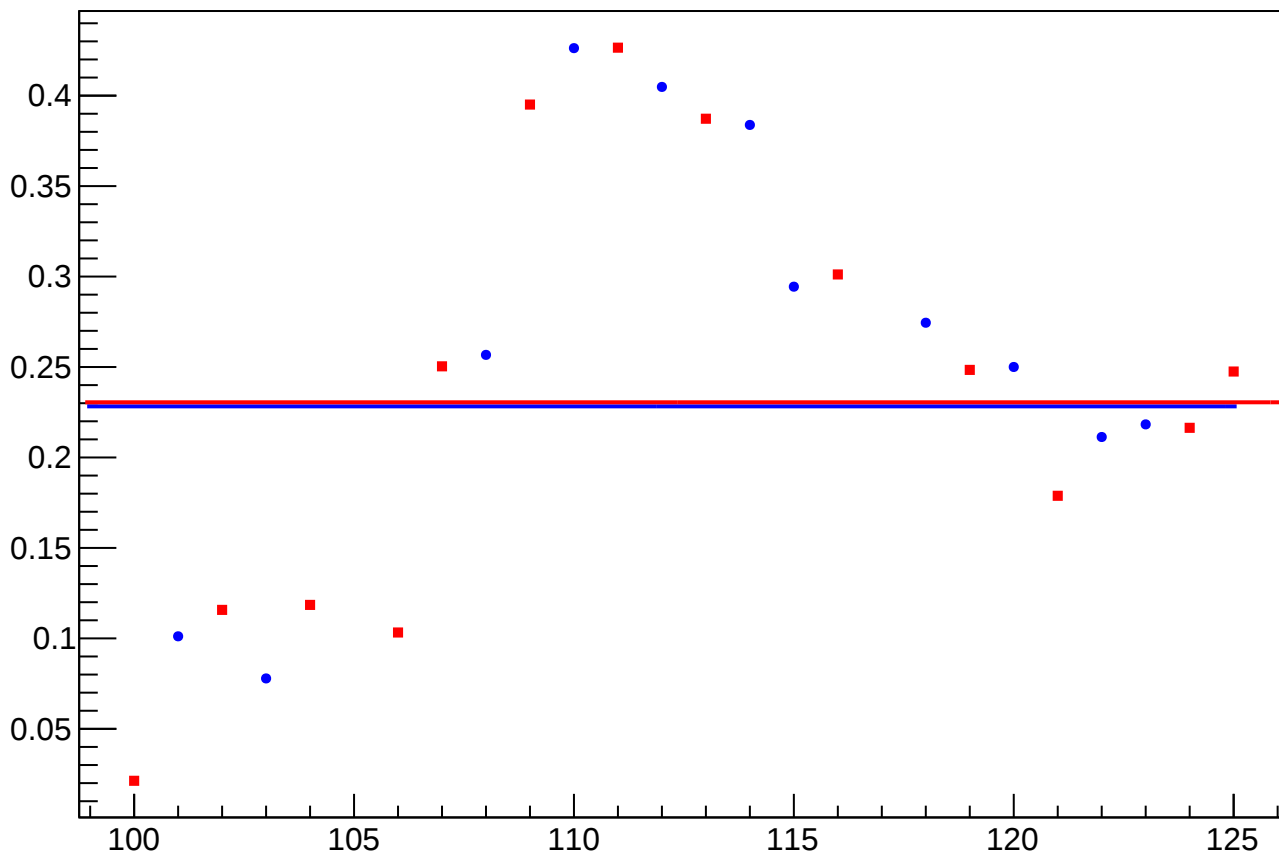
Right: 0.005+/-0.000 χ^2/NDF : 1271120.6/23

In: 0.005+/-0.000 χ^2/NDF : 555907.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1271120.6/23

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.228+/-0.000

χ^2/NDF : 17884088317.2/10

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.230+/-0.000 χ^2/NDF : 41475546382.8/23

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.228+/-0.000 χ^2/NDF : 17884088317.2/10

Right Out: 0.231+/-0.000 χ^2/NDF : 23587567523.0/12

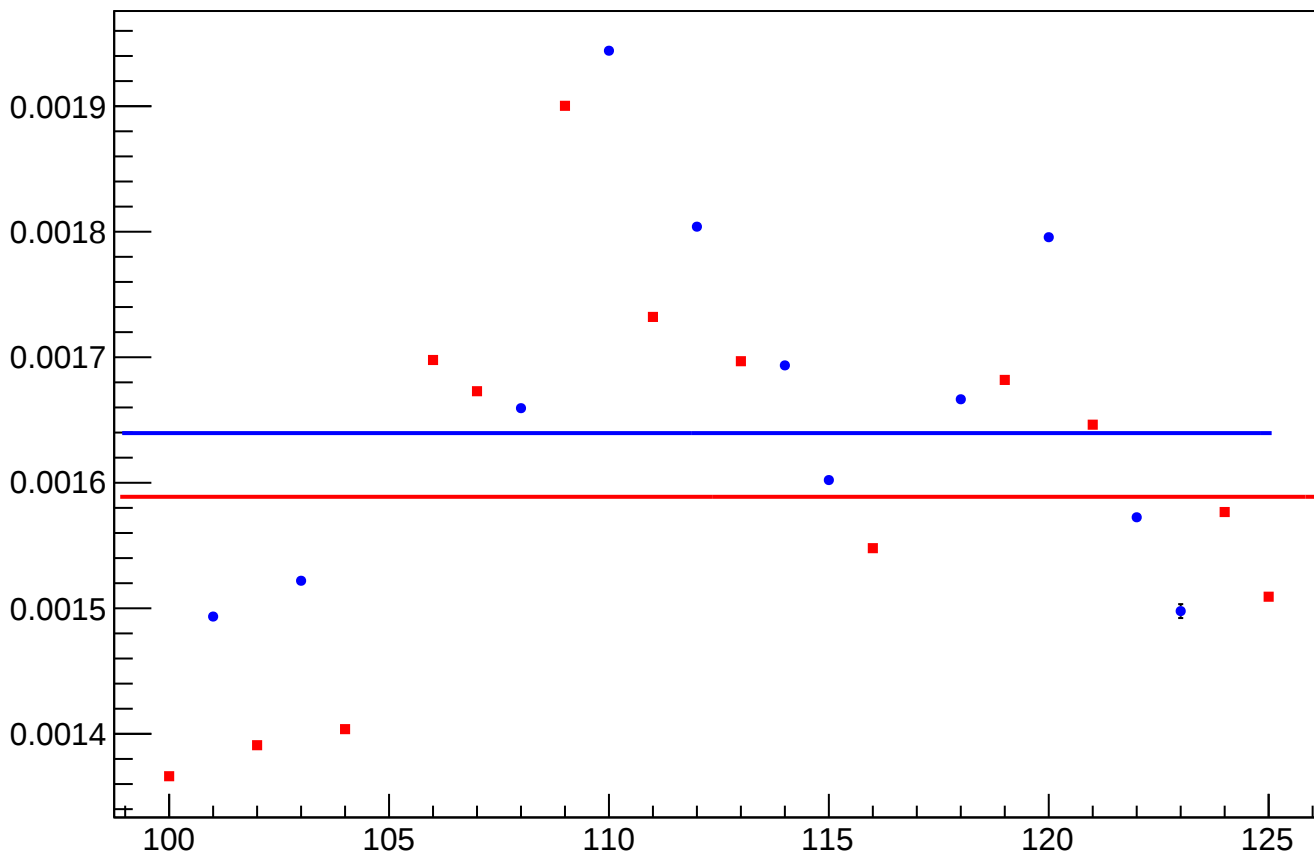
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.230+/-0.000 χ^2/NDF : 41475546382.8/23

yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 46389.7/10

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

Right Out: 0.002+/-0.000 χ^2/NDF : 87604.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

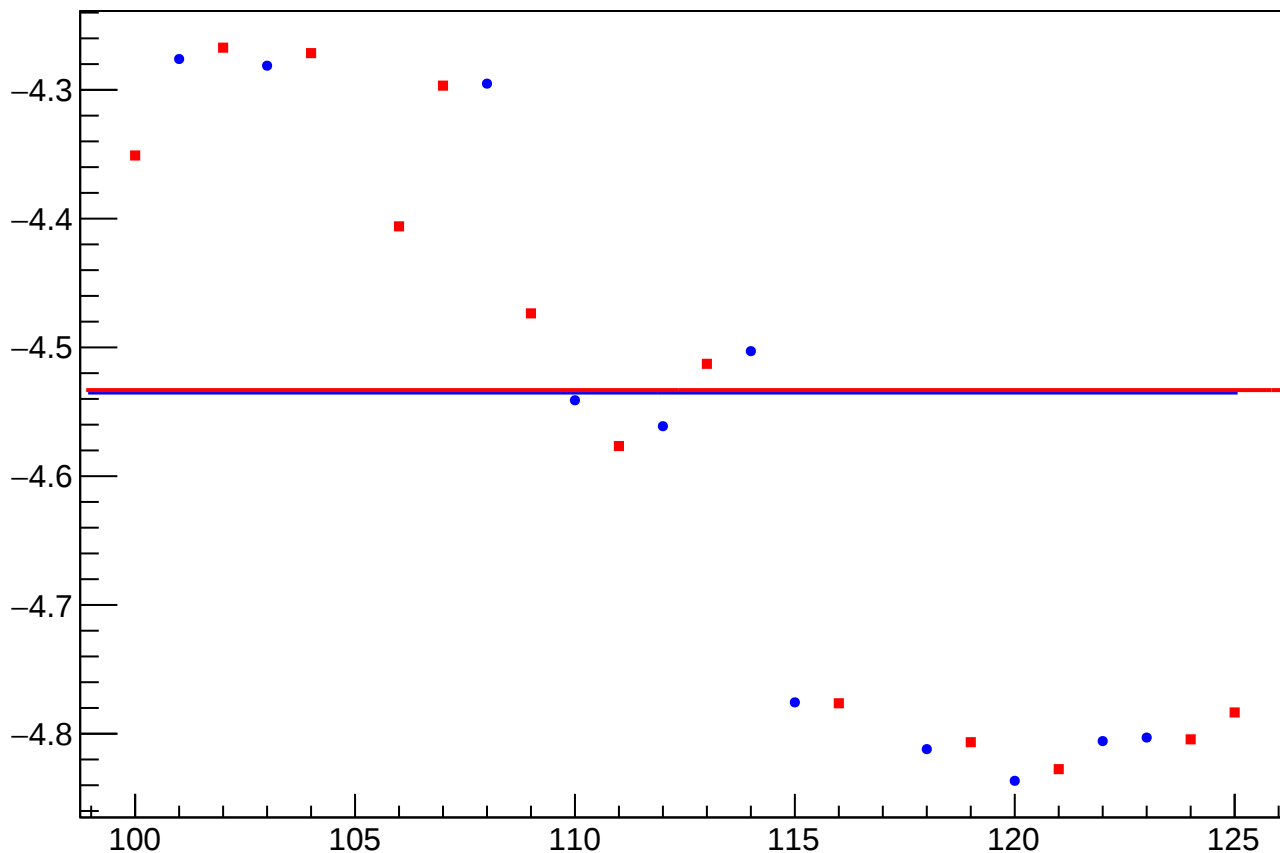
Right: 0.002+/-0.000 χ^2/NDF : 137980.6/23

In: 0.002+/-0.000 χ^2/NDF :46389.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 137980.6/23

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.535+/-0.000 χ^2/NDF : 58466928507.1/10

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

Right Out: -4.533+/-0.000 χ^2/NDF : 58524666143.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

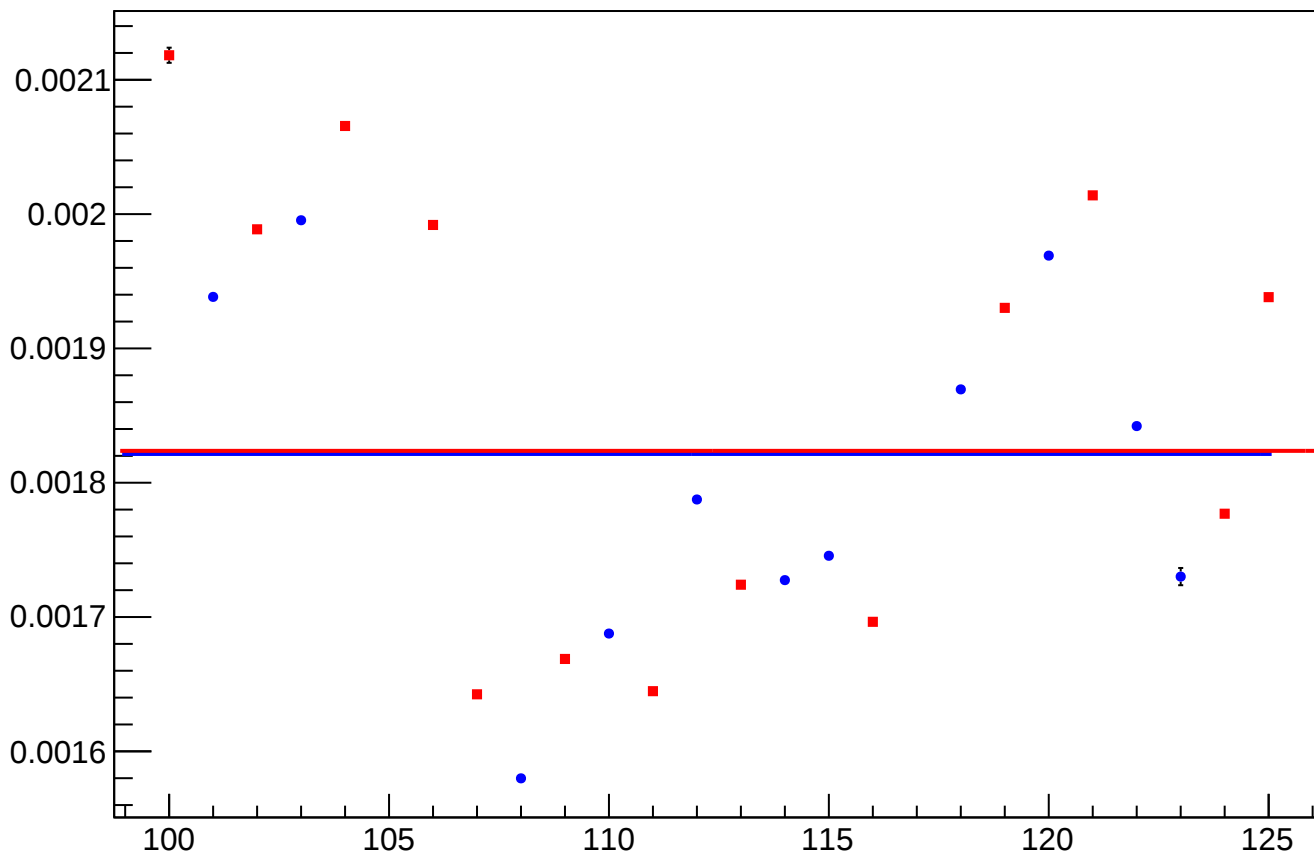
Right: -4.534+/-0.000 χ^2/NDF : 116993831464.8/23

In: -4.535+/-0.000 χ^2/NDF :58466928507.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.534+/-0.000 χ^2/NDF : 116993831464.8

yield_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 40495.2/10

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

Right Out: 0.002+/-0.000 χ^2/NDF : 72142.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

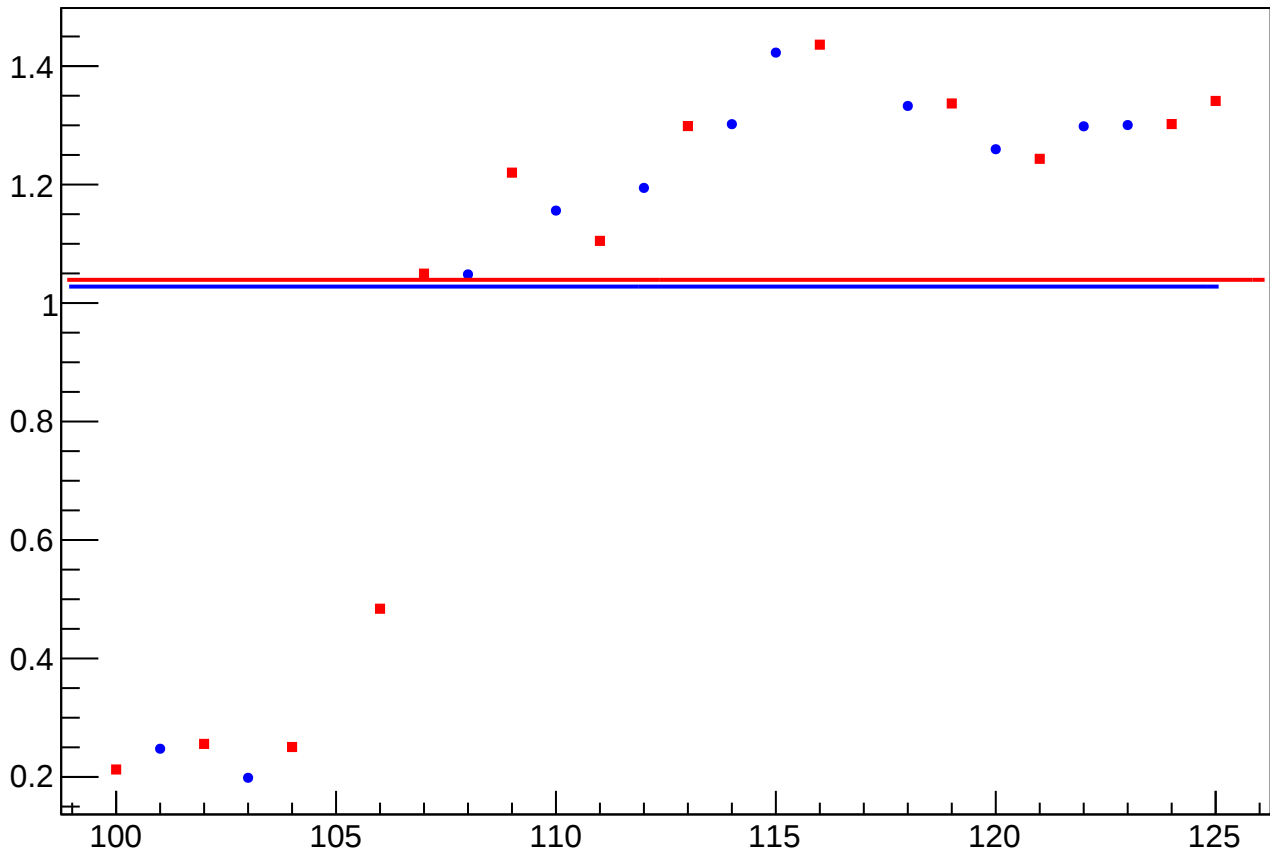
Right: 0.002+/-0.000 χ^2/NDF : 112644.2/23

In: 0.002+/-0.000 χ^2/NDF :40495.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 112644.2/23

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 1.028+/-0.000 χ^2/NDF : 12452402397.9/10

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

Right Out: 1.039+/-0.000 χ^2/NDF : 15105099466.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

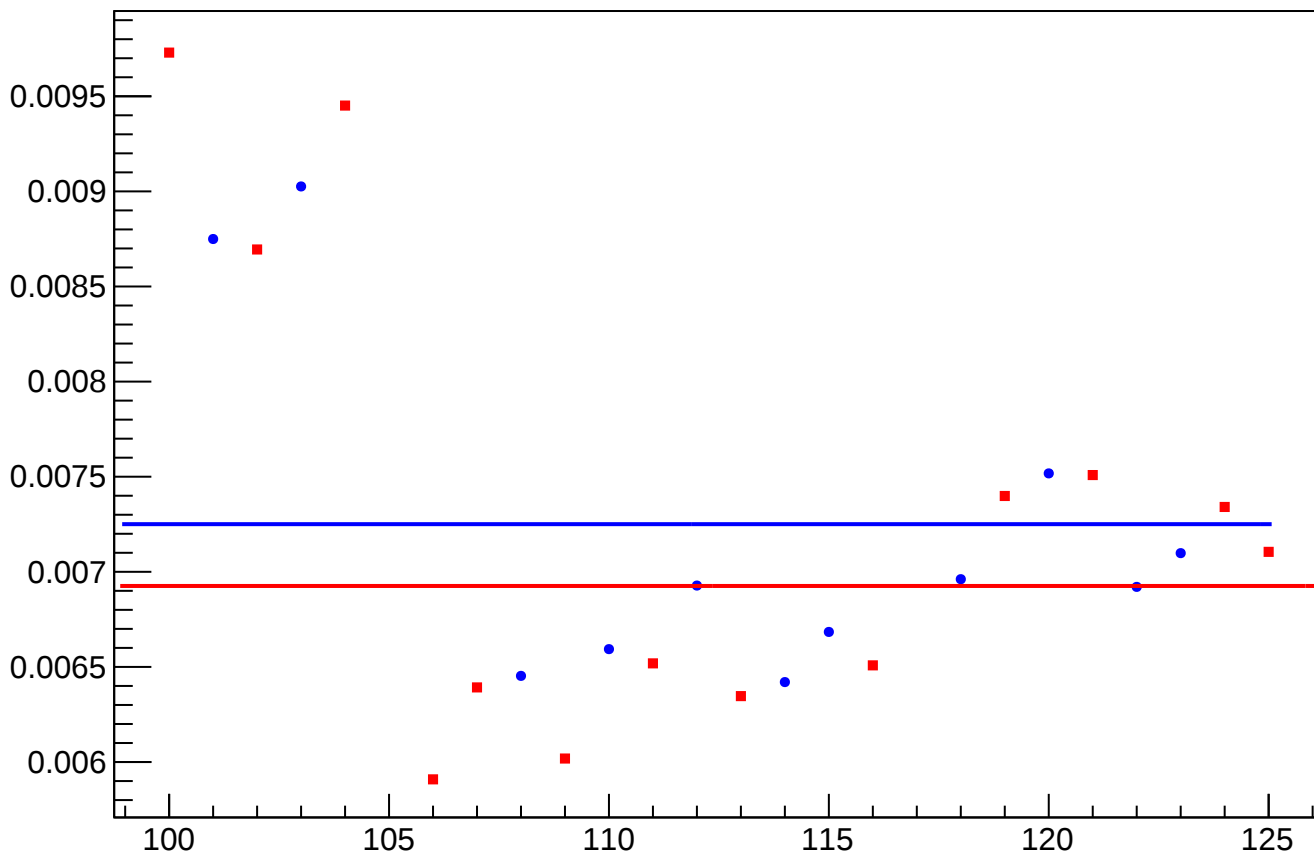
Right: 1.034+/-0.000 χ^2/NDF : 27562909303.1/23

In: 1.028+/-0.000 χ^2/NDF : 12452402397.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.034+/-0.000 χ^2/NDF : 27562909303.1/23

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 108573.9/10

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

Right Out: 0.007+/-0.000 χ^2/NDF : 196385.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

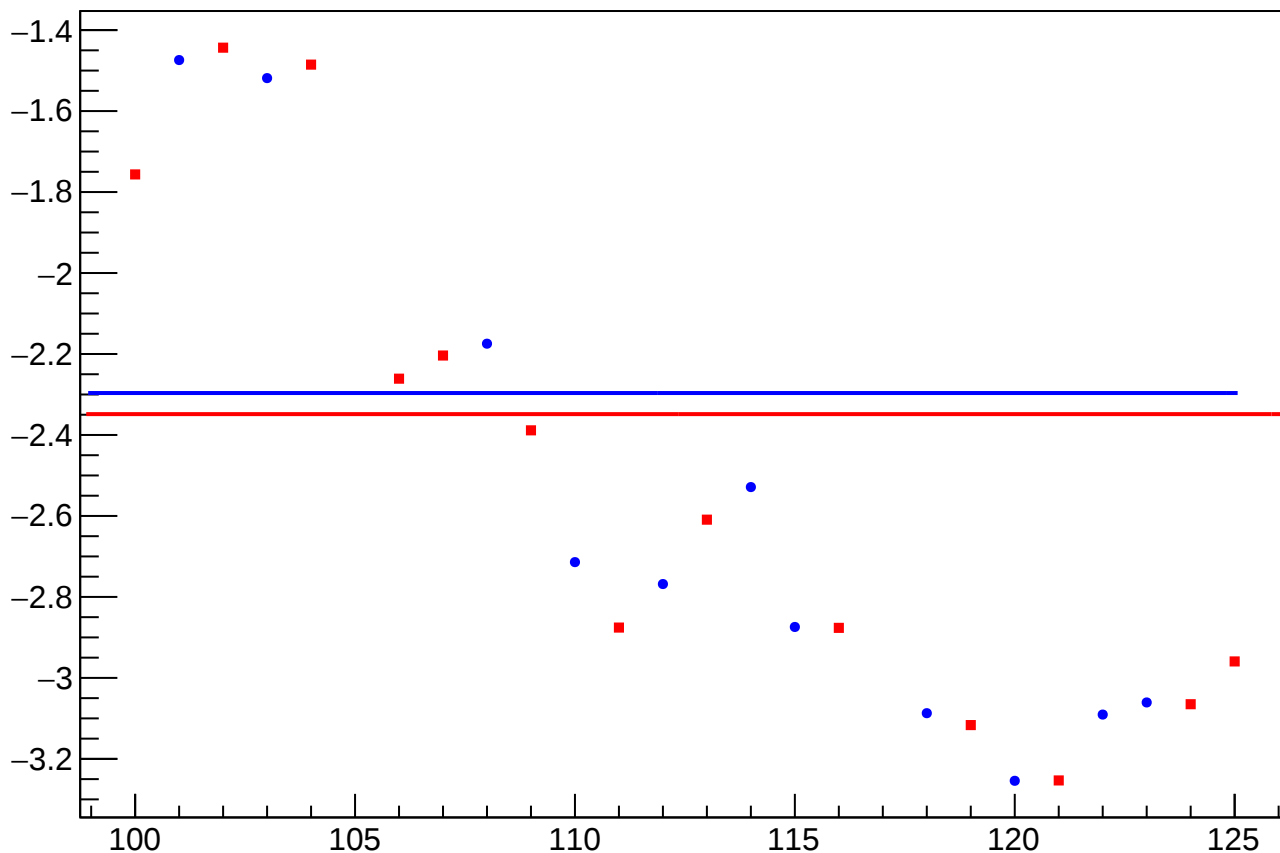
Right: 0.007+/-0.000 χ^2/NDF : 313732.4/23

In: 0.007+/-0.000 χ^2/NDF : 108573.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 313732.4/23

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -2.296 ± 0.000 $\chi^2/\text{NDF}: 44755316581.5/10$

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

Right Out: -2.348 ± 0.000 $\chi^2/\text{NDF}: 44794615272.8/12$

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

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

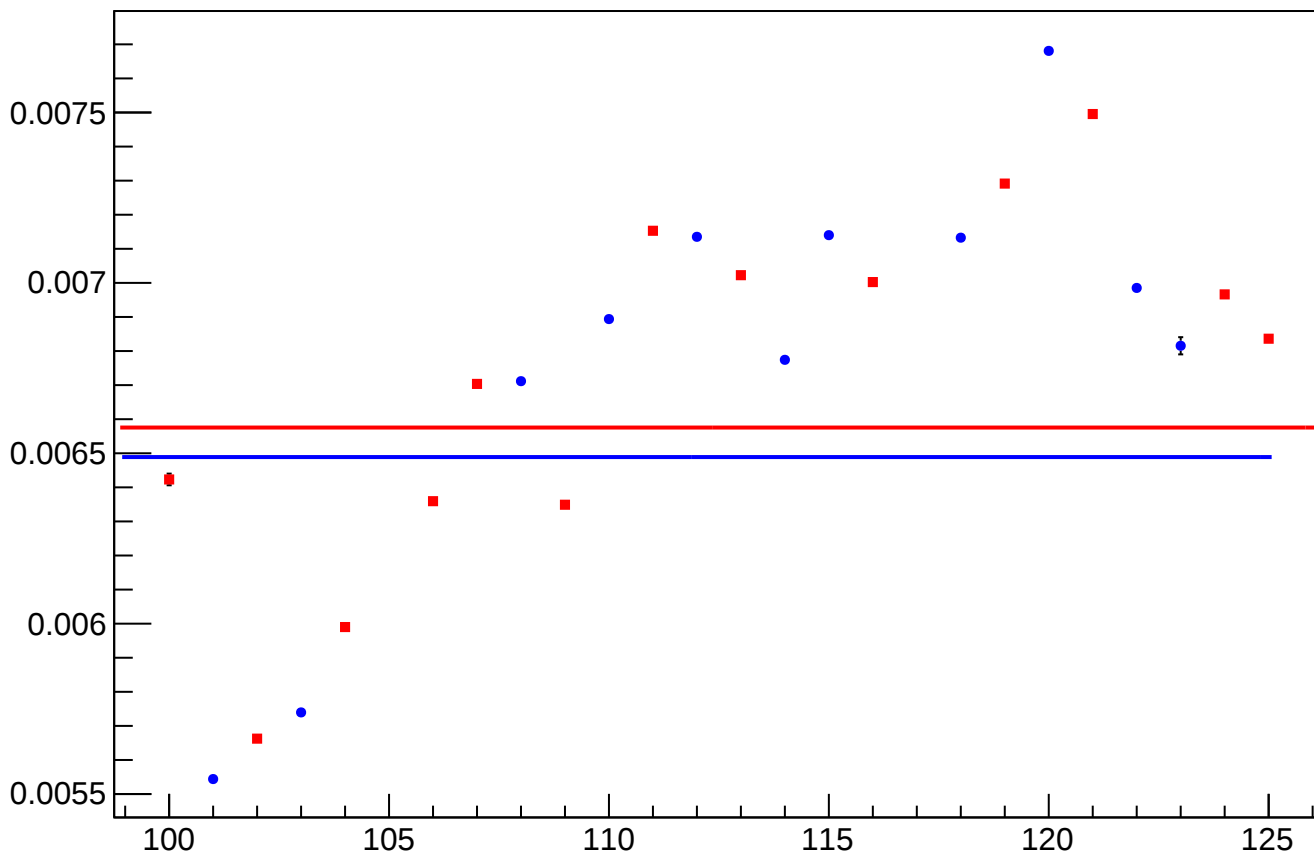
Right: -2.325 ± 0.000 $\chi^2/\text{NDF}: 89684680082.8/23$

In: -2.296 ± 0.000 $\chi^2/\text{NDF}: 44755316581.5/10$

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

All: -2.325 ± 0.000 $\chi^2/\text{NDF}: 89684680082.8/23$

yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 95395.6/10

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

Right Out: 0.007+/-0.000 χ^2/NDF : 74524.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

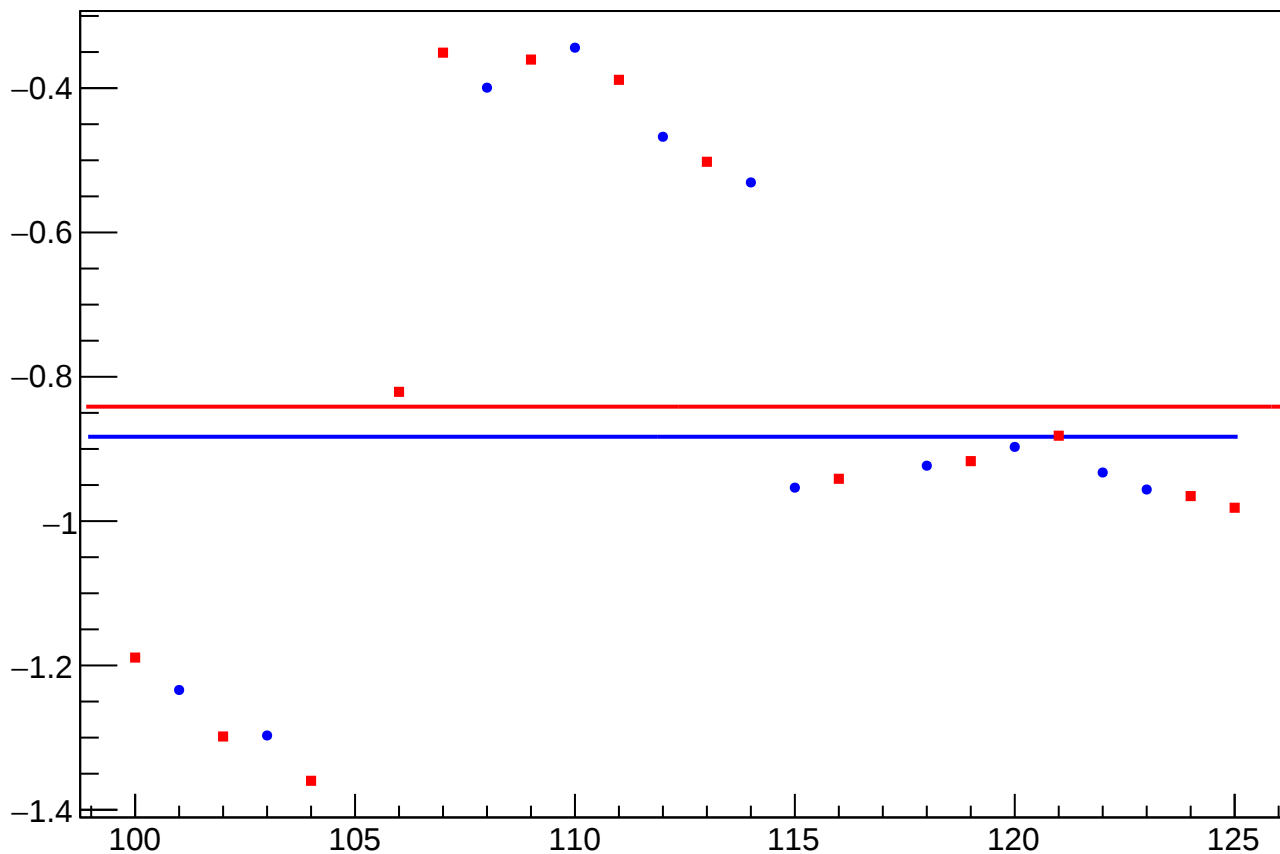
Right: 0.007+/-0.000 χ^2/NDF : 170665.4/23

In: 0.006+/-0.000 χ^2/NDF : 95395.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 170665.4/23

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.883+/-0.000 χ^2/NDF : 3847709957.4/10

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

Right Out: -0.841+/-0.000 χ^2/NDF : 5572483801.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

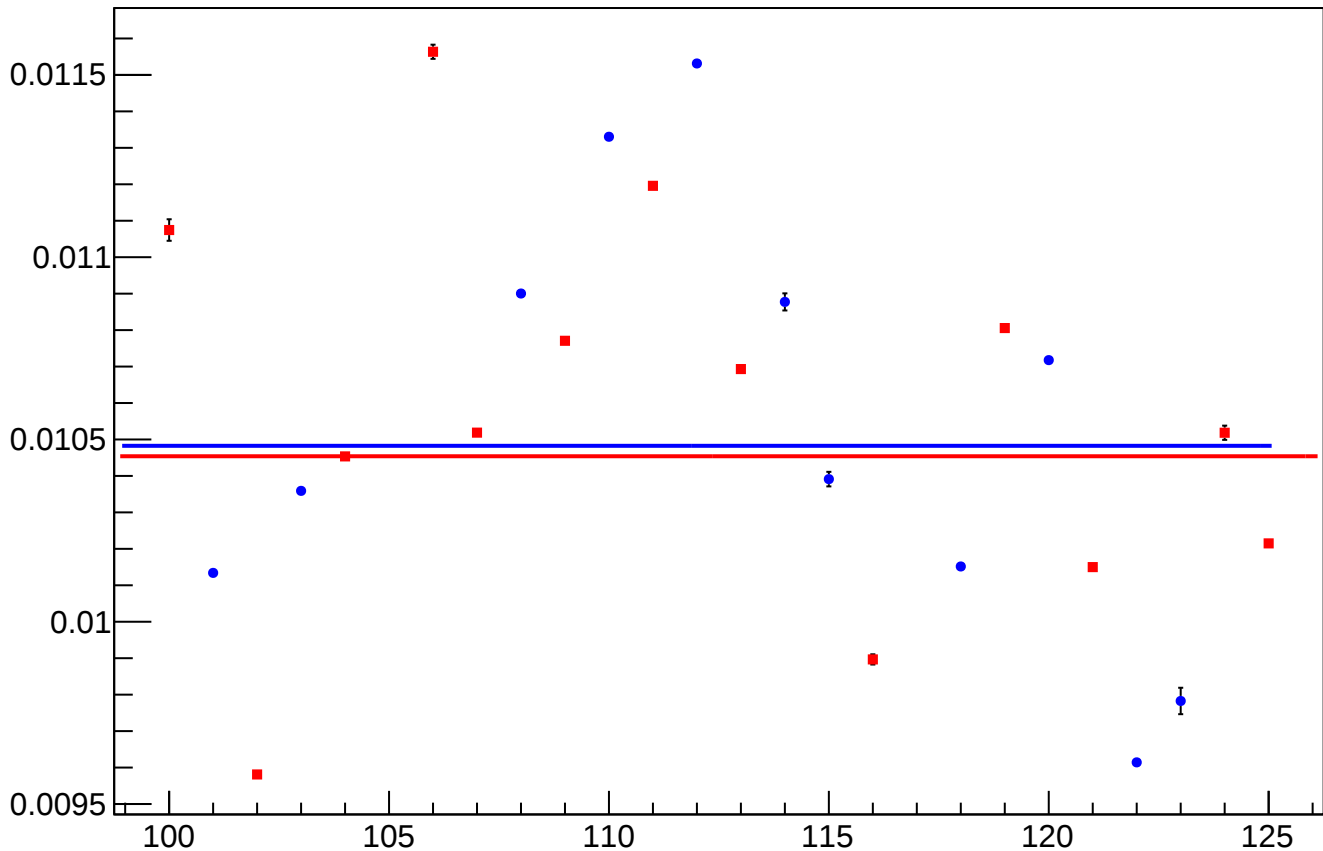
Right: -0.860+/-0.000 χ^2/NDF : 9453255009.7/23

In: -0.883+/-0.000 χ^2/NDF :3847709957.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.860+/-0.000 χ^2/NDF : 9453255009.7/23

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 22750.5/10

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

Right Out: 0.010+/-0.000 χ^2/NDF : 21519.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

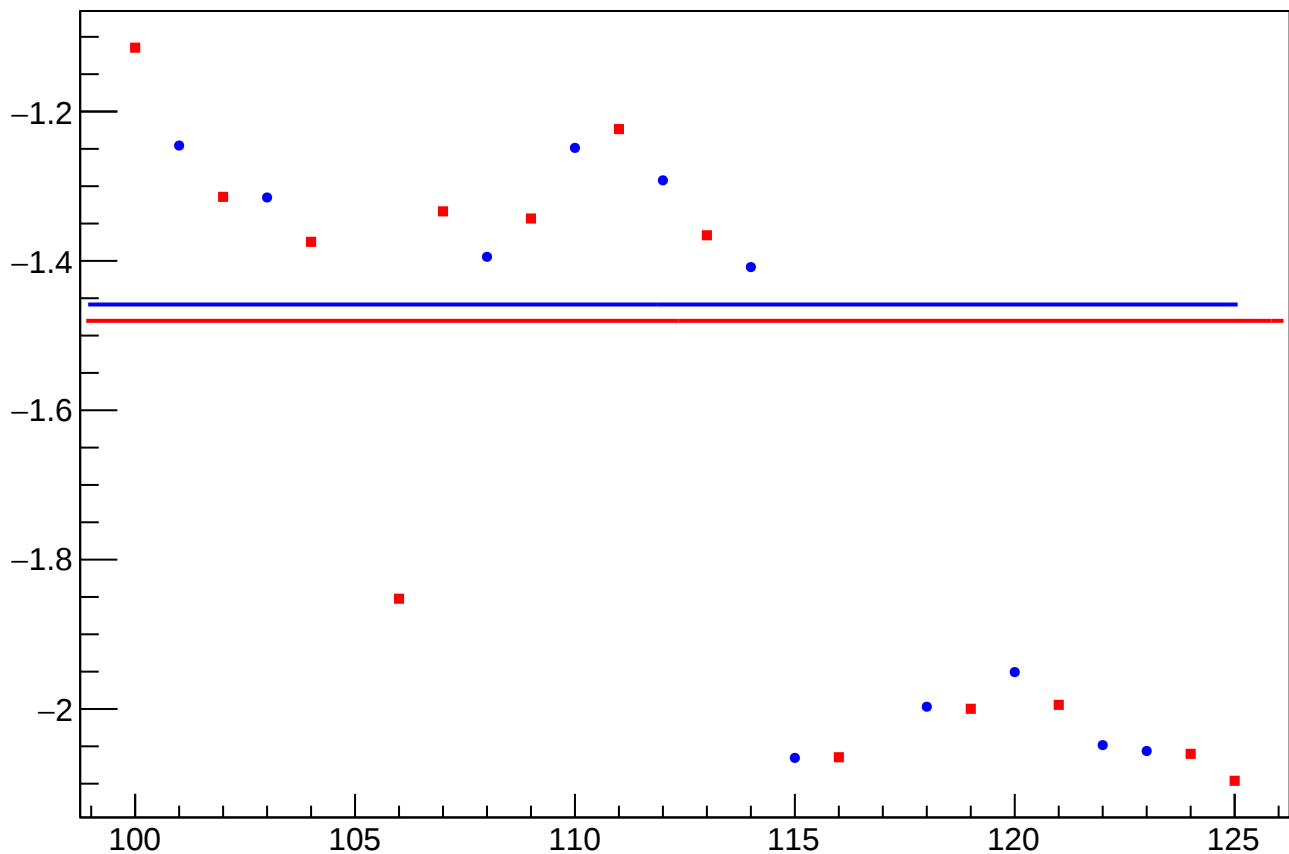
Right: 0.010+/-0.000 χ^2/NDF : 44301.0/23

In: 0.010+/-0.000 χ^2/NDF : 22750.5/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 44301.0/23

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.458+/-0.000 χ^2/NDF : 57492921756.7/10

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

Right Out: -1.480+/-0.000 χ^2/NDF : 64798088085.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

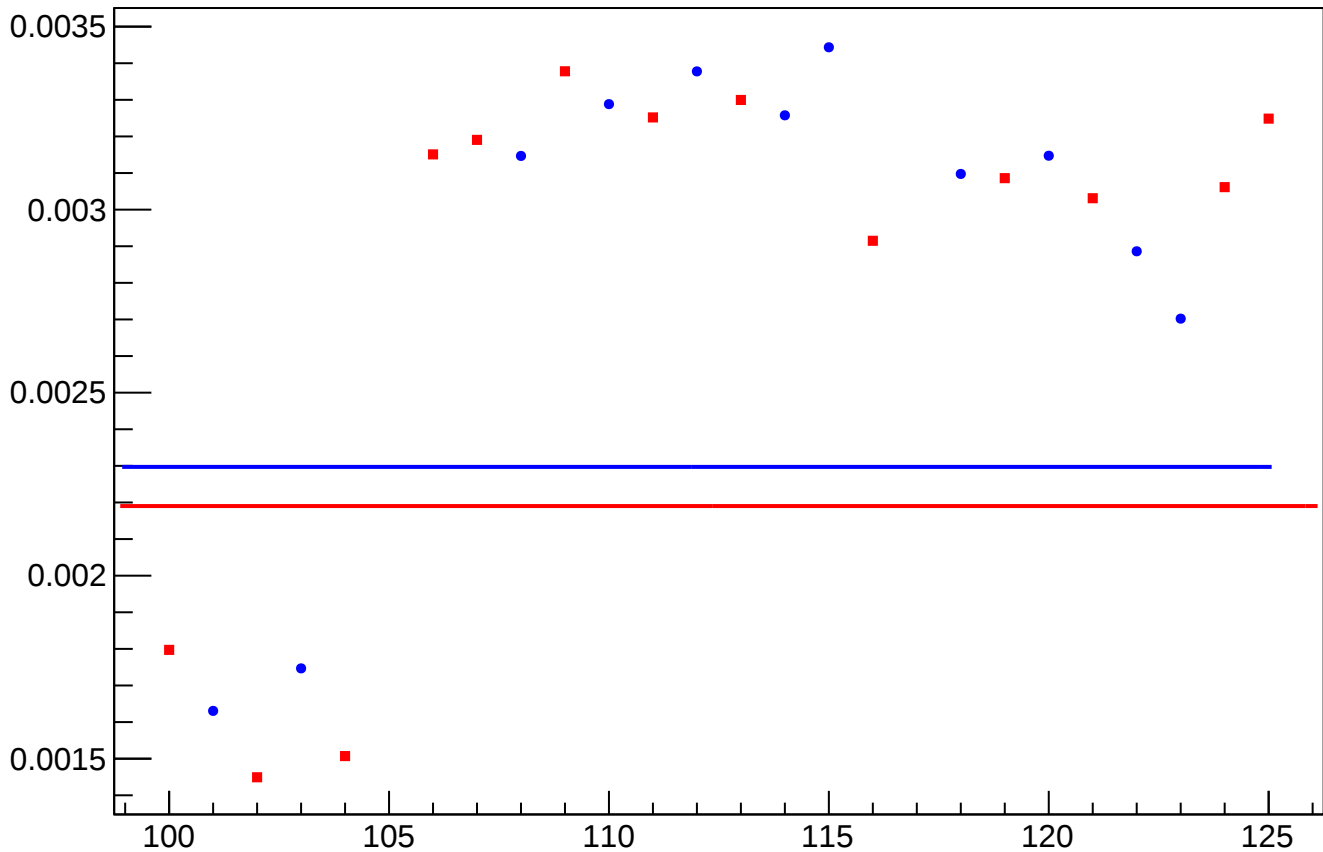
Right: -1.471+/-0.000 χ^2/NDF : 122451502567.9/23

In: -1.458+/-0.000 χ^2/NDF : 57492921756.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.471+/-0.000 χ^2/NDF : 122451502567.9

yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 644418.9/10

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

Right Out: 0.002+/-0.000 χ^2/NDF : 1068618.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

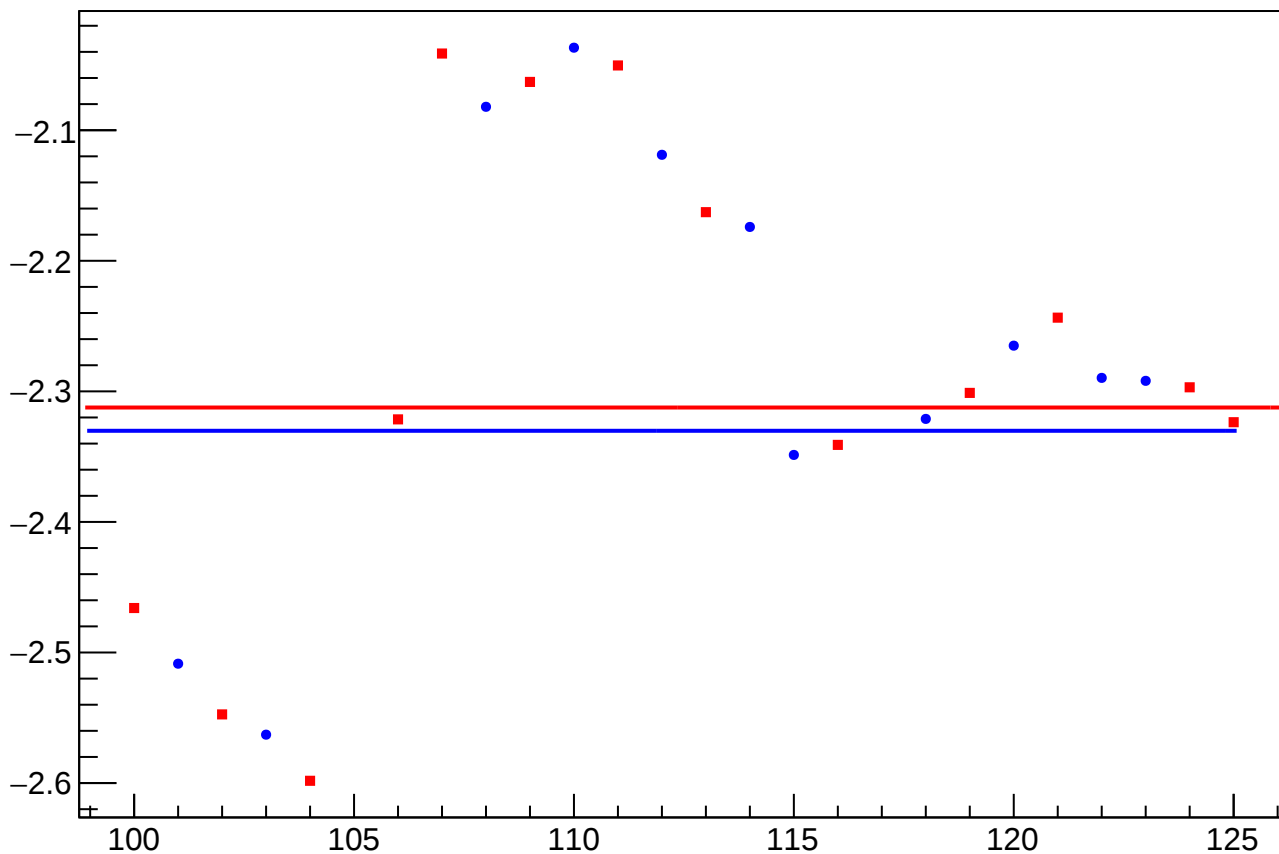
Right: 0.002+/-0.000 χ^2/NDF : 1720732.5/23

In: 0.002+/-0.000 χ^2/NDF :644418.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1720732.5/23

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.330+/-0.000 χ^2/NDF : 2995603676.1/10

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

Right Out: -2.312+/-0.000 χ^2/NDF : 4394395323.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

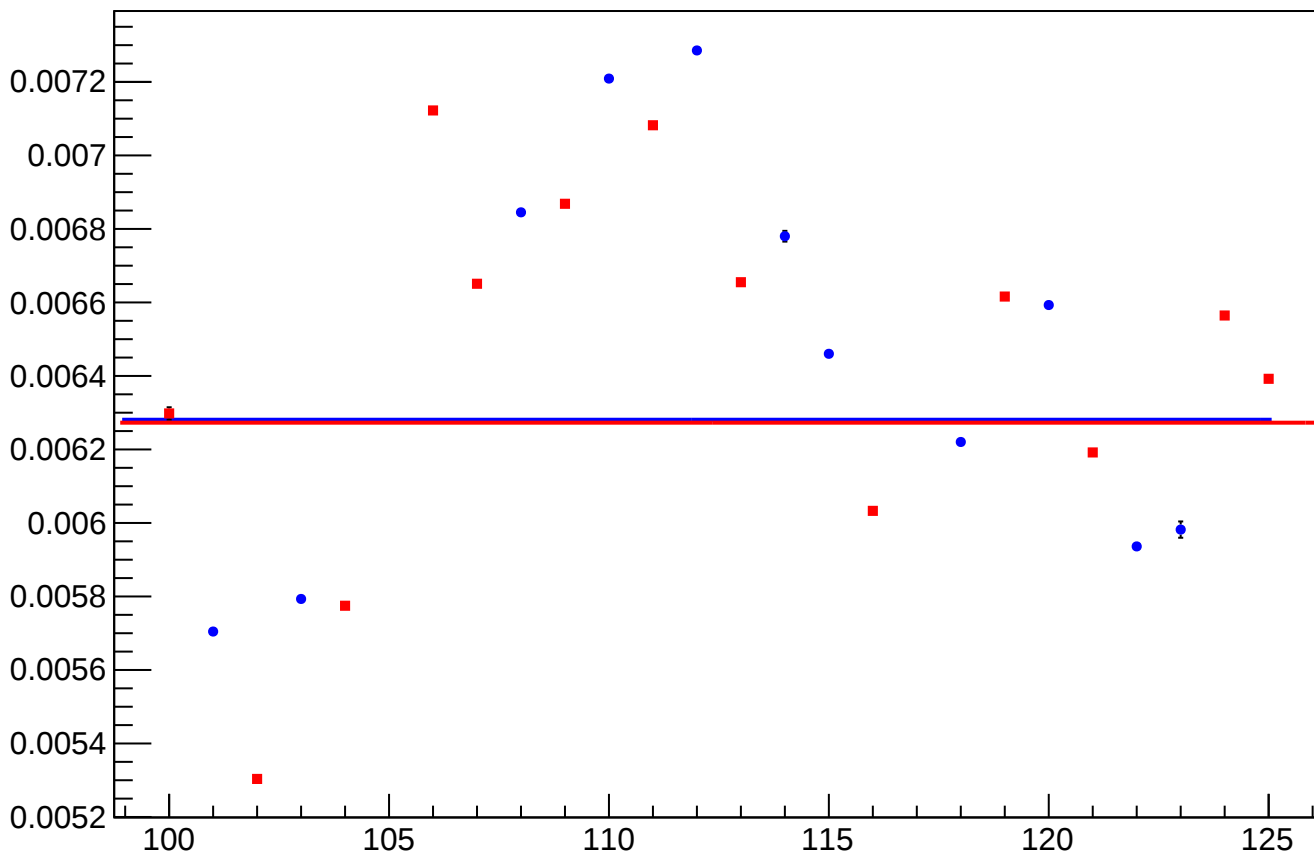
Right: -2.320+/-0.000 χ^2/NDF : 7406500787.8/23

In: -2.330+/-0.000 χ^2/NDF :2995603676.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.320+/-0.000 χ^2/NDF : 7406500787.8/23

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 59098.0/10

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

Right Out: 0.006+/-0.000 χ^2/NDF : 76538.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

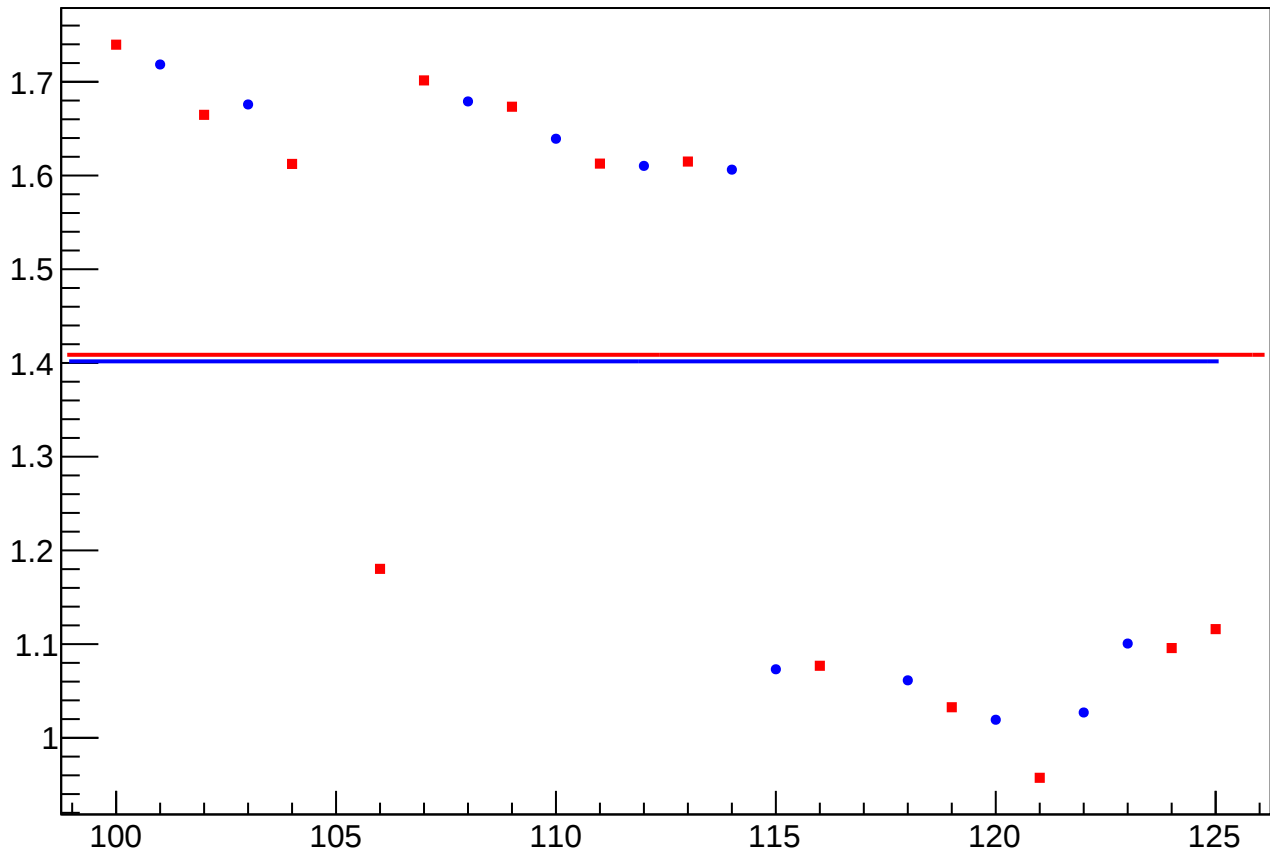
Right: 0.006+/-0.000 χ^2/NDF : 135643.3/23

In: 0.006+/-0.000 χ^2/NDF :59098.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 135643.3/23

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.402+/-0.000 χ^2/NDF : 79870150103.9/10

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

Right Out: 1.409+/-0.000 χ^2/NDF : 89823300341.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

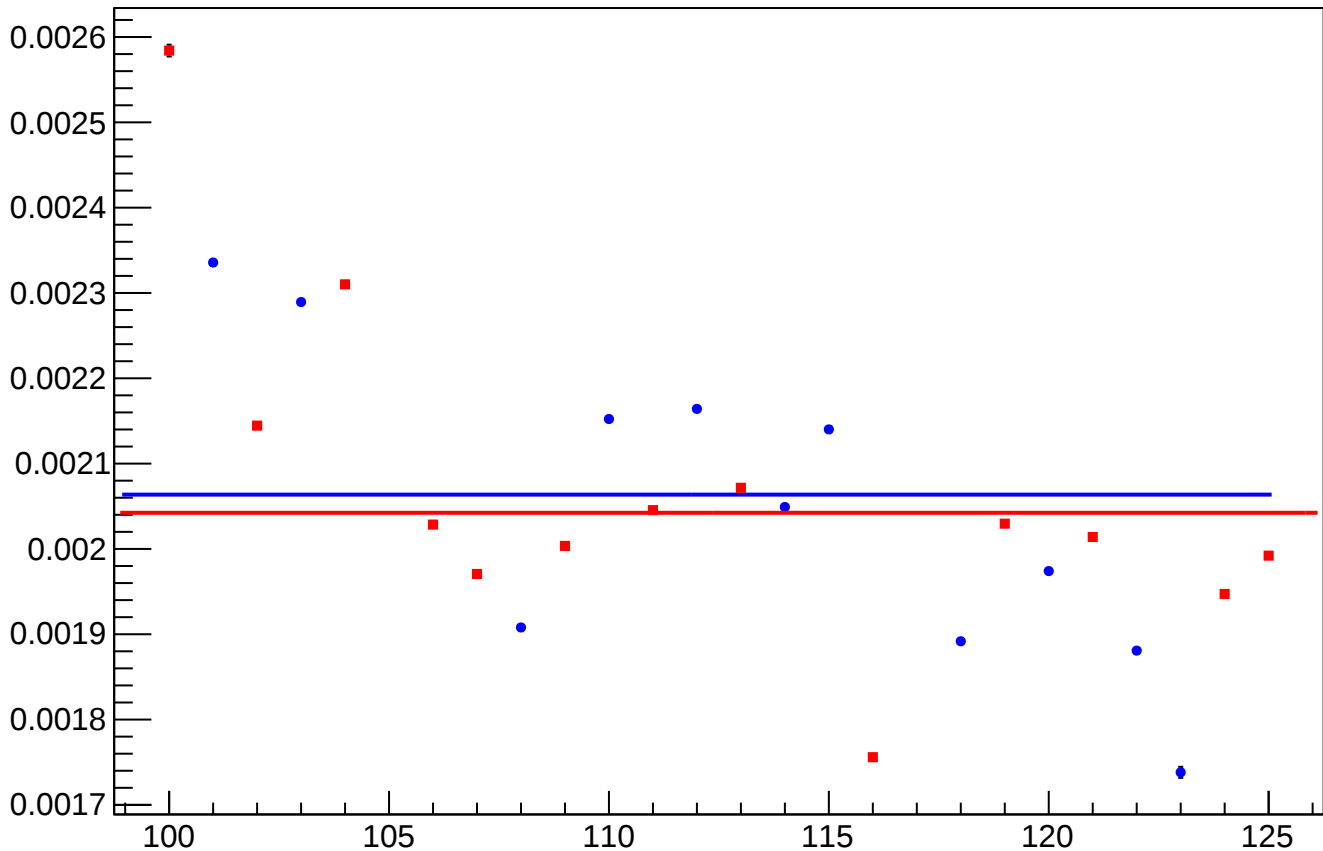
Right: 1.406+/-0.000 χ^2/NDF : 169716117109.6/23

In: 1.402+/-0.000 χ^2/NDF : 79870150103.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.406+/-0.000 χ^2/NDF : 169716117109.6

yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 52002.3/10

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

Right Out: 0.002+/-0.000 χ^2/NDF : 36867.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

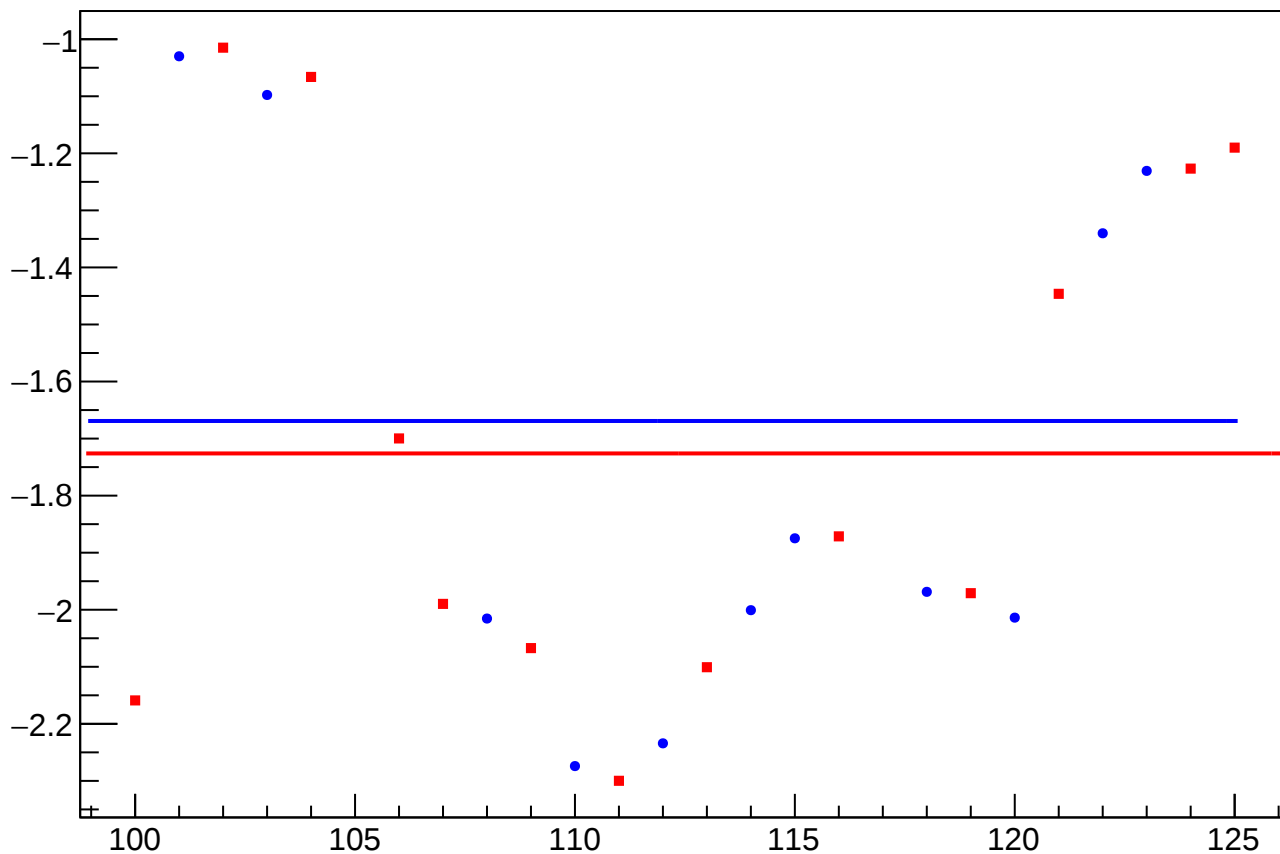
Right: 0.002+/-0.000 χ^2/NDF : 89289.8/23

In: 0.002+/-0.000 χ^2/NDF : 52002.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 89289.8/23

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.669+/-0.000 χ^2/NDF : 17100603780.2/10

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

Right Out: -1.726+/-0.000 χ^2/NDF : 22082156057.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

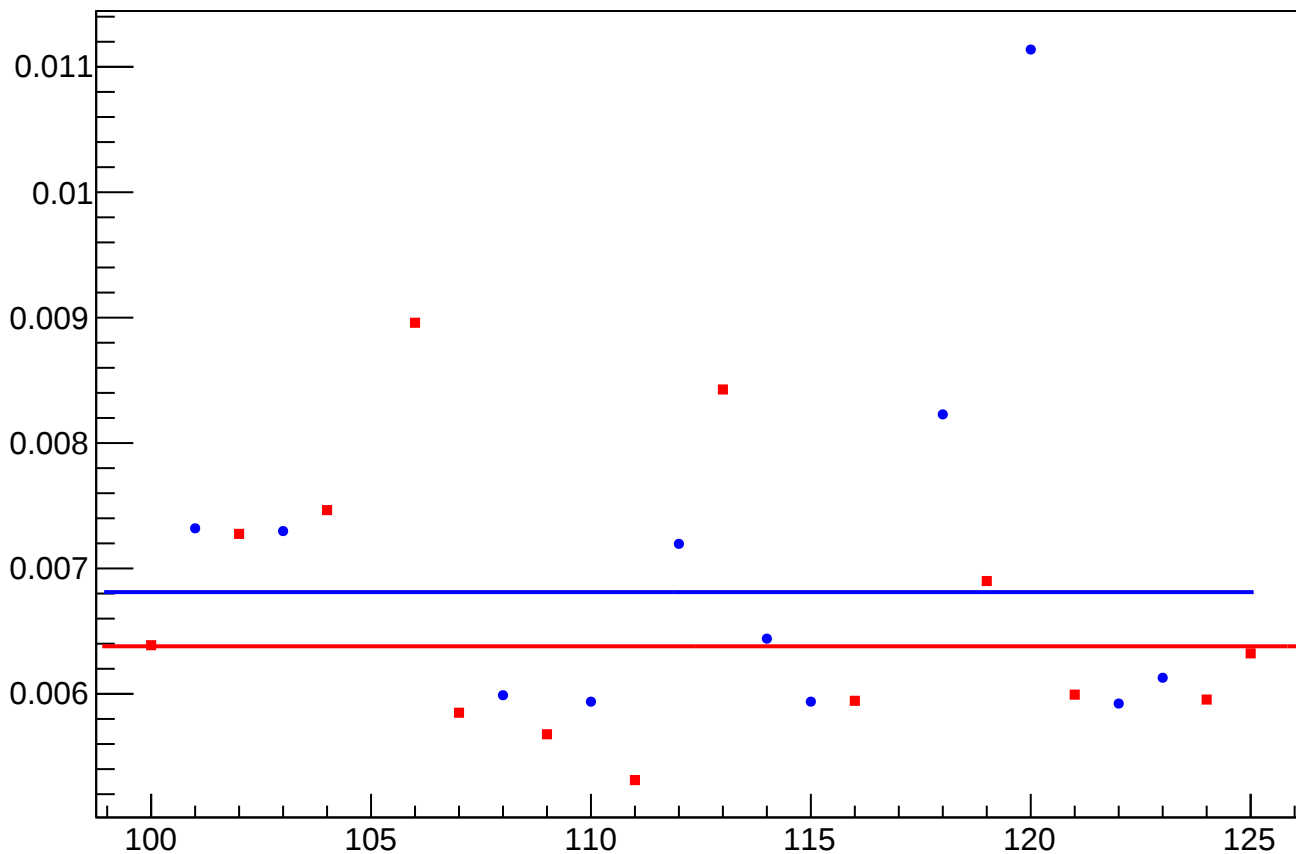
Right: -1.703+/-0.000 χ^2/NDF : 39323069258.7/23

In: -1.669+/-0.000 χ^2/NDF : 17100603780.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.703+/-0.000 χ^2/NDF : 39323069258.7/23

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 170602.1/10

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

Right Out: 0.006+/-0.000 χ^2/NDF : 182710.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

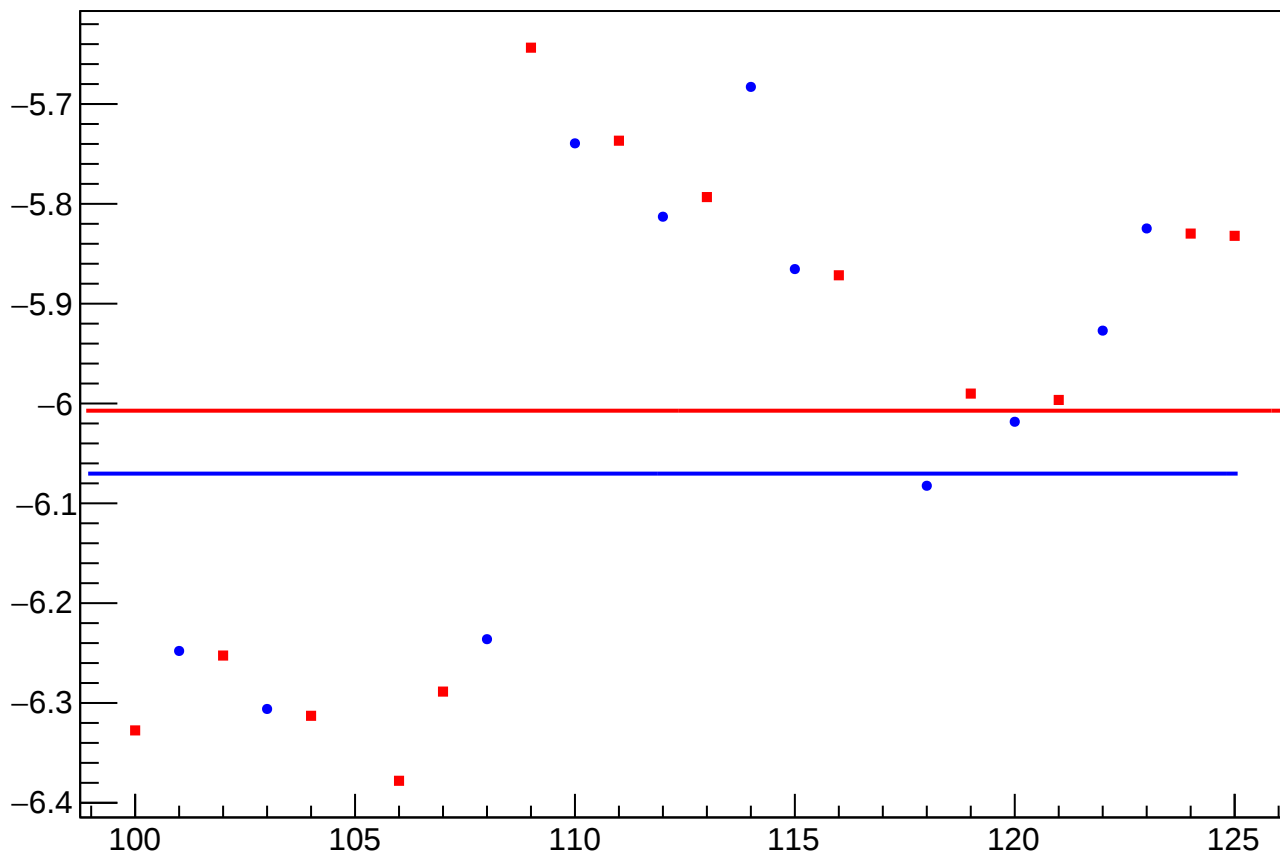
Right: 0.007+/-0.000 χ^2/NDF : 369488.7/23

In: 0.007+/-0.000 χ^2/NDF :170602.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 369488.7/23

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -6.070+/-0.000 χ^2/NDF : 4813287479.0/10

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

Right Out: -6.007+/-0.000 χ^2/NDF : 8875148516.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

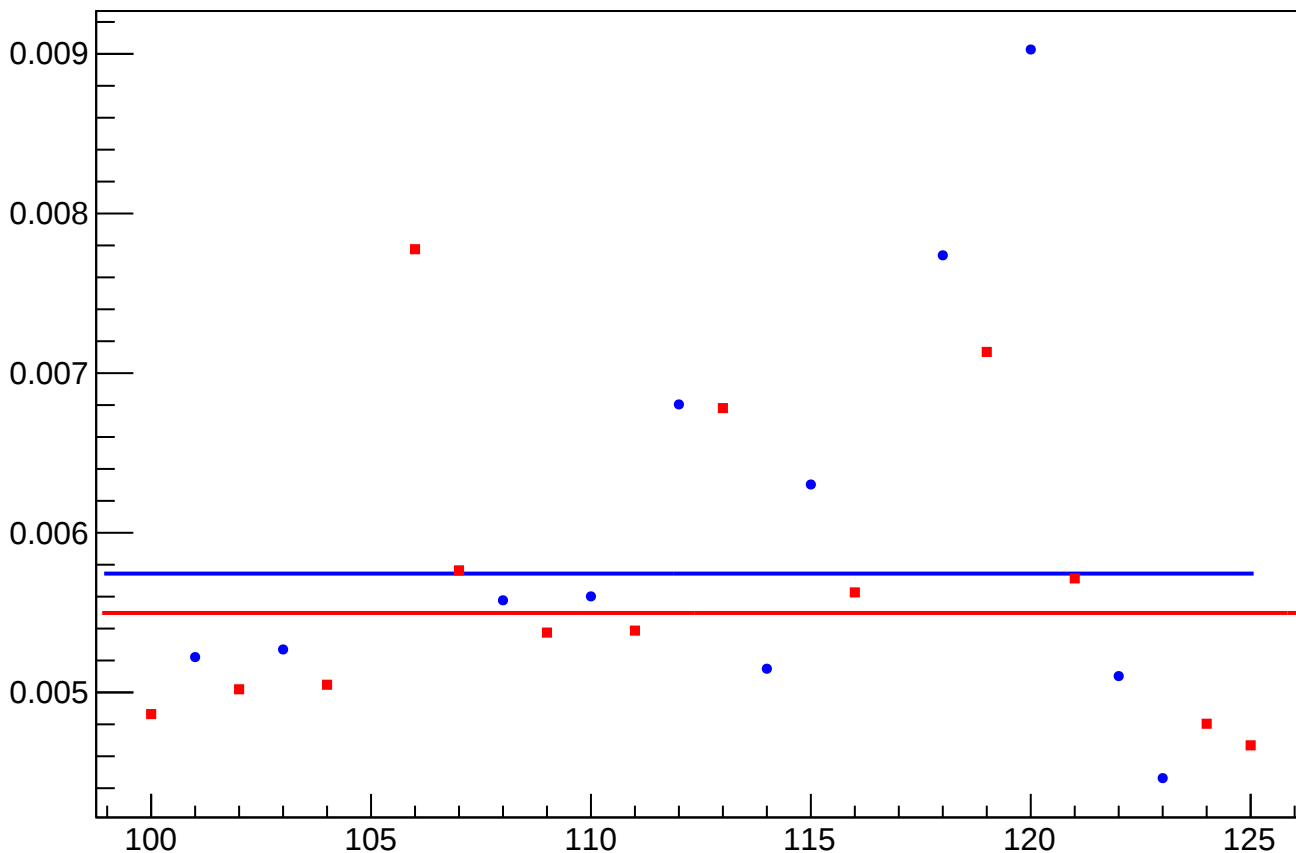
Right: -6.034+/-0.000 χ^2/NDF : 13925780451.8/23

In: -6.070+/-0.000 χ^2/NDF :4813287479.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.034+/-0.000 χ^2/NDF : 13925780451.8/23

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 198028.7/10

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

Right Out: 0.005+/-0.000 χ^2/NDF : 162030.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

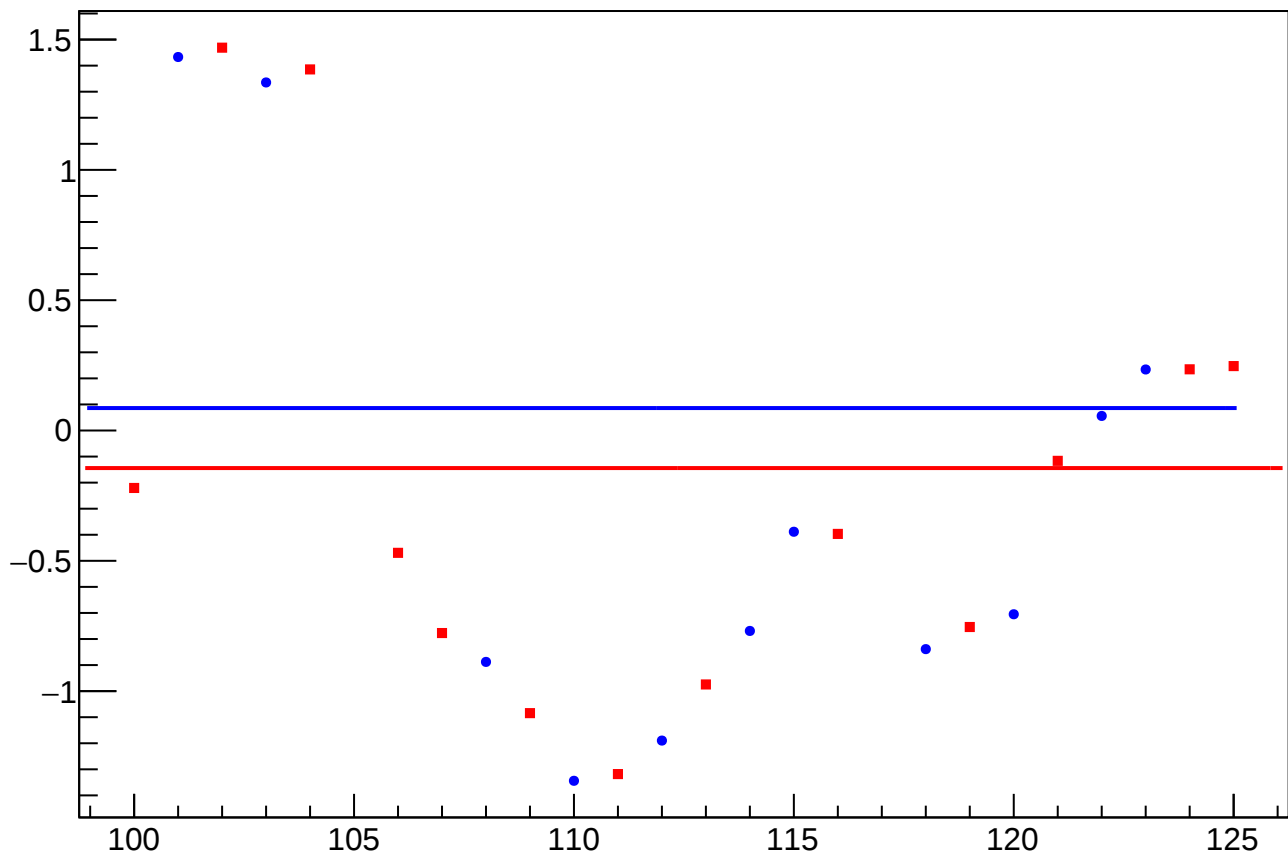
Right: 0.006+/-0.000 χ^2/NDF : 367325.8/23

In: 0.006+/-0.000 χ^2/NDF : 198028.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 367325.8/23

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 0.086+/-0.000 χ^2/NDF : 16308138491.3/10

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

Right Out: -0.144+/-0.000 χ^2/NDF : 20240686136.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

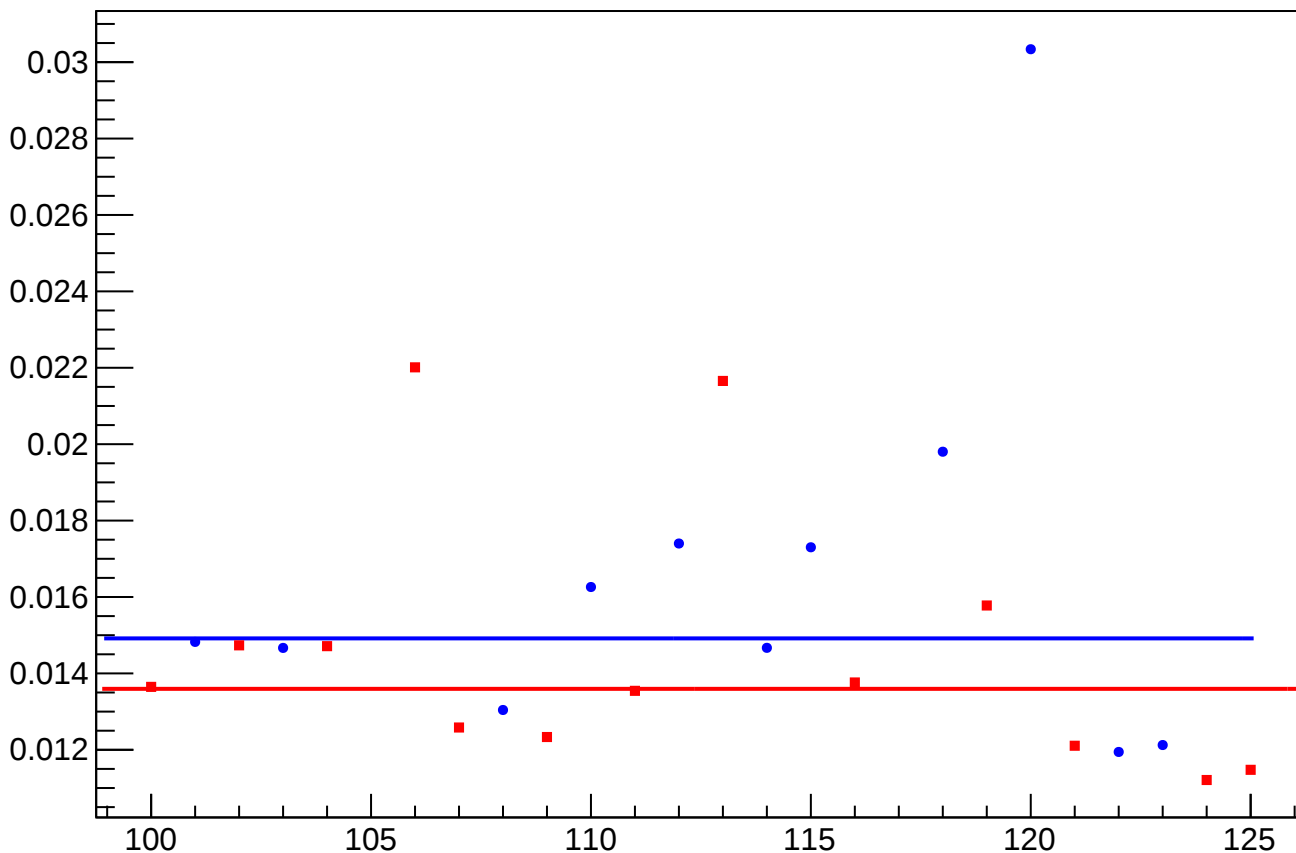
Right: -0.054+/-0.000 χ^2/NDF : 37017216406.0/23

In: 0.086+/-0.000 χ^2/NDF : 16308138491.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.054+/-0.000 χ^2/NDF : 37017216406.0/23

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 271079.3/10

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

Right Out: 0.014+/-0.000 χ^2/NDF : 234738.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

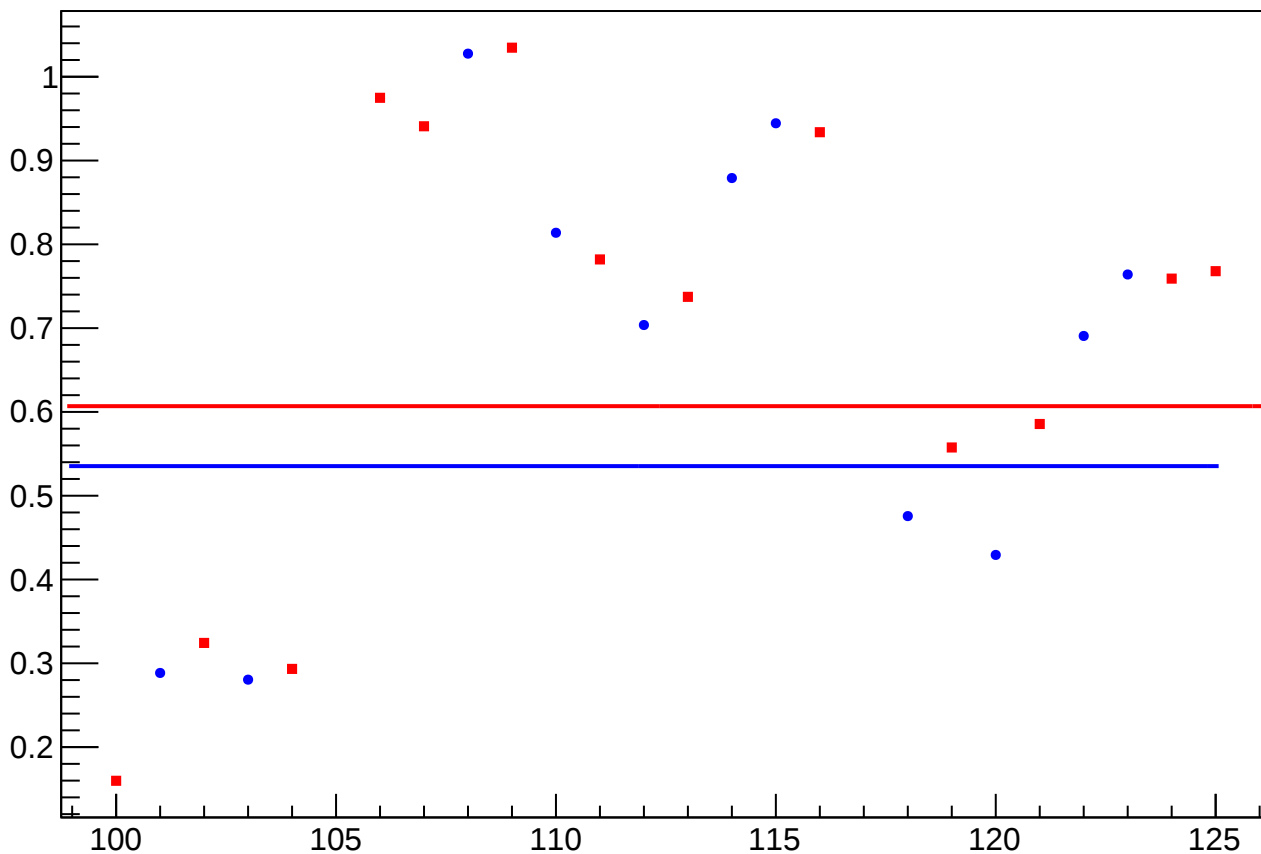
Right: 0.014+/-0.000 χ^2/NDF : 536635.2/23

In: 0.015+/-0.000 χ^2/NDF : 271079.3/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 536635.2/23

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.535+/-0.000 χ^2/NDF : 3754071832.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.607+/-0.000 χ^2/NDF : 5106903983.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

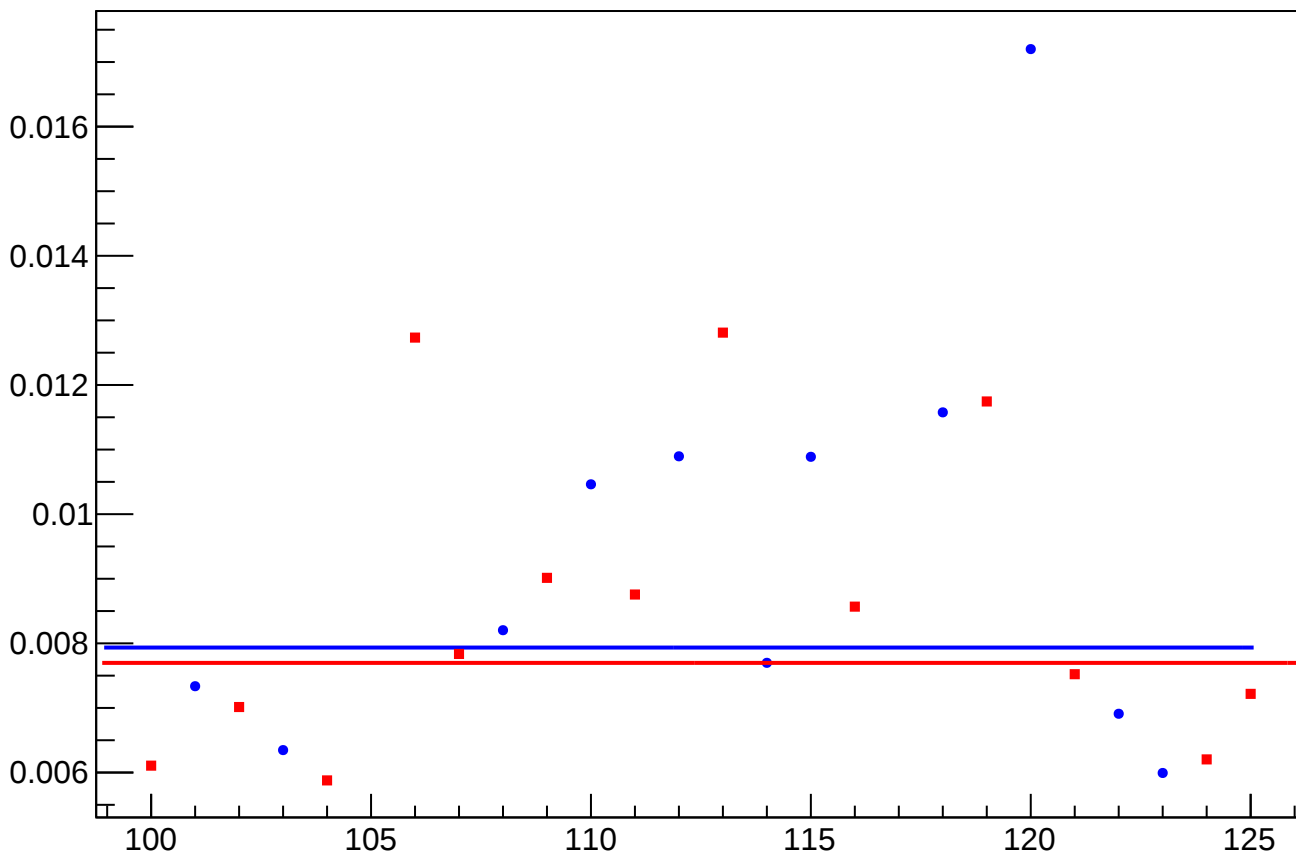
Right: 0.576+/-0.000 χ^2/NDF : 9008565280.1/23

In: 0.535+/-0.000 χ^2/NDF :3754071832.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.576+/-0.000 χ^2/NDF : 9008565280.1/23

yield_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 445408.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 422772.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

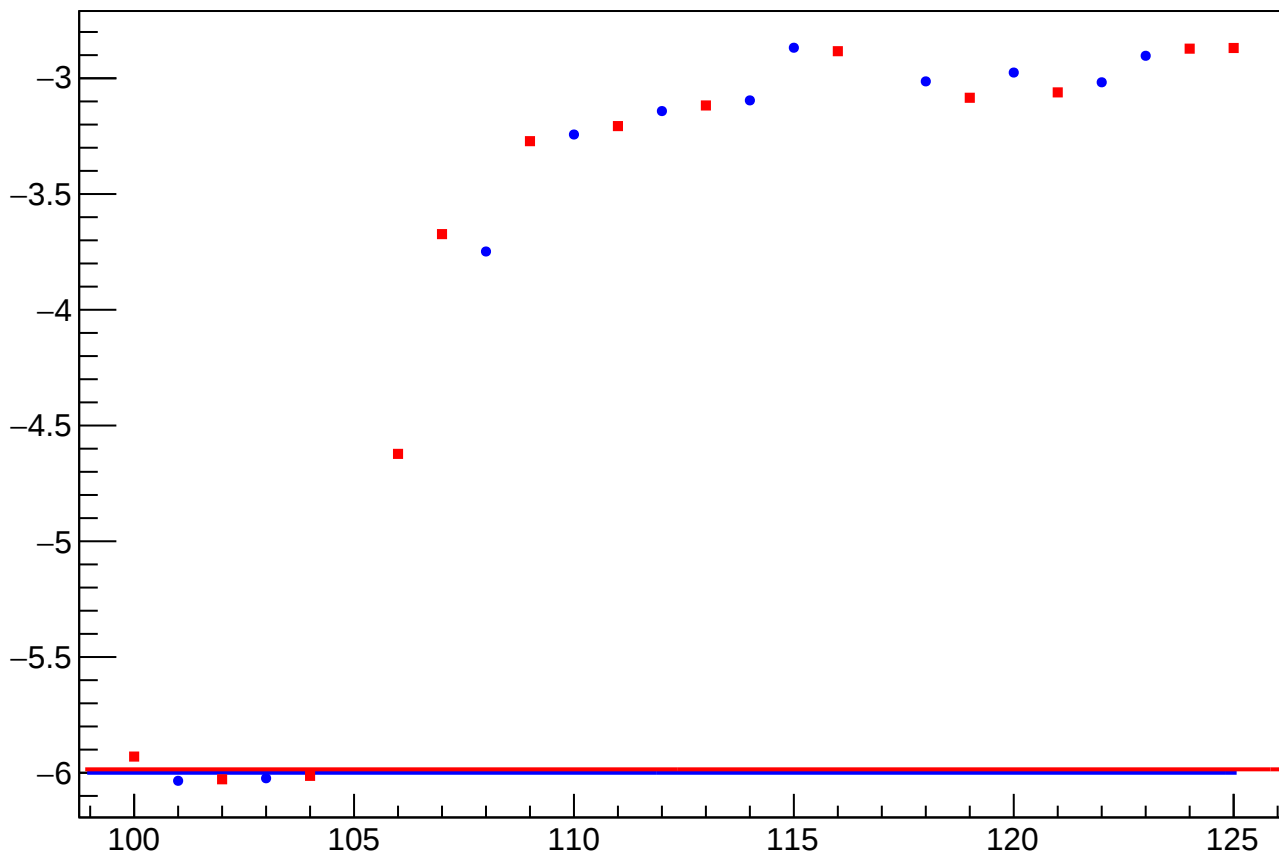
Right: 0.008+/-0.000 χ^2/NDF : 871433.0/23

In: 0.008+/-0.000 χ^2/NDF : 445408.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

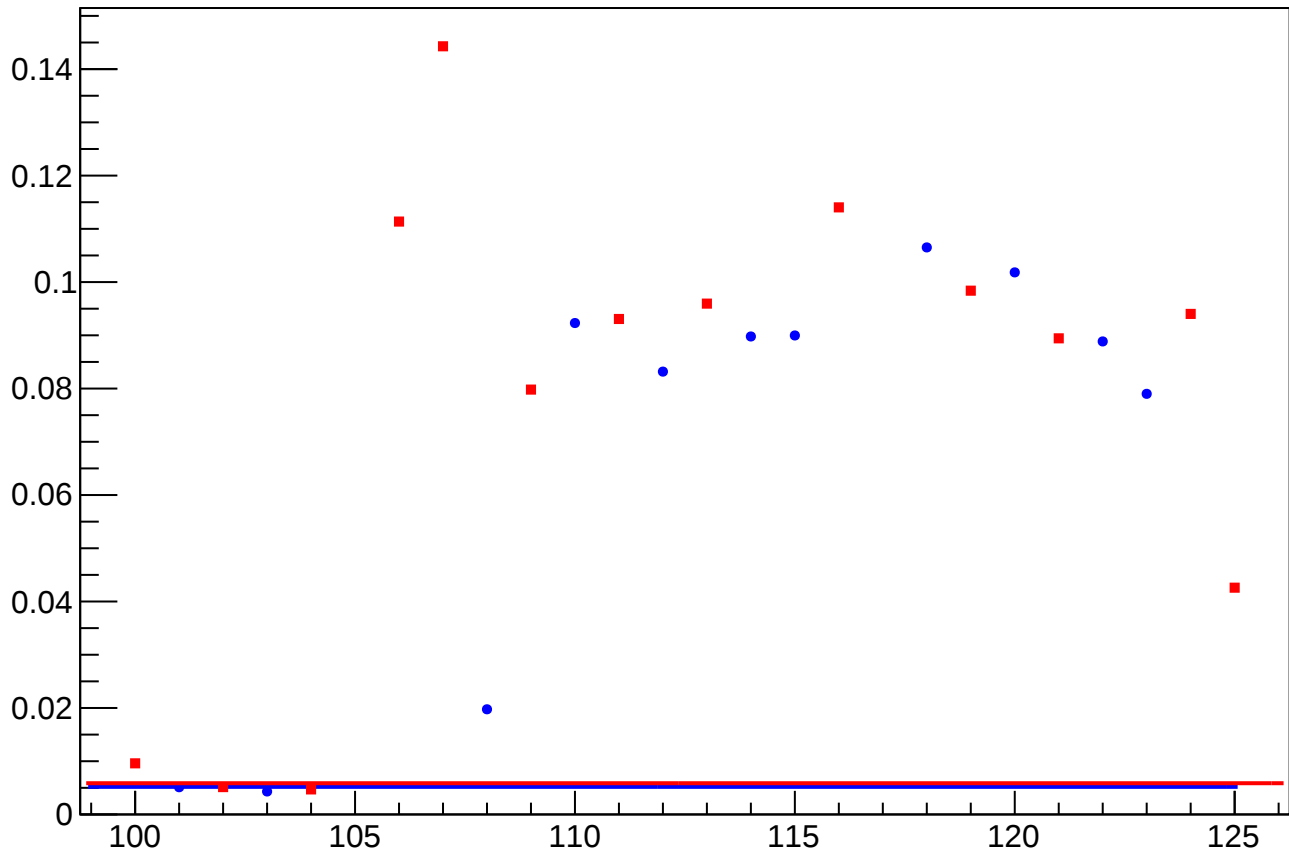
All: 0.008+/-0.000 χ^2/NDF : 871433.0/23

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -6.000+/-0.000	χ^2/NDF : 3467118788.1/10	Left: 0.000+/-0.000	χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000	χ^2/NDF : 0.0/0	Right: -5.993+/-0.000	χ^2/NDF : 7167660821.9/23
Right Out: -5.985+/-0.000	χ^2/NDF : 3695985675.0/12	In: -6.000+/-0.000	χ^2/NDF : 3467118788.1/10
Left In: 0.000+/-0.000	χ^2/NDF : 0.0/0	Out: 0.000+/-0.000	χ^2/NDF : 0.0/0
		All: -5.993+/-0.000	χ^2/NDF : 7167660821.9/23

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 3863087.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 5831931.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

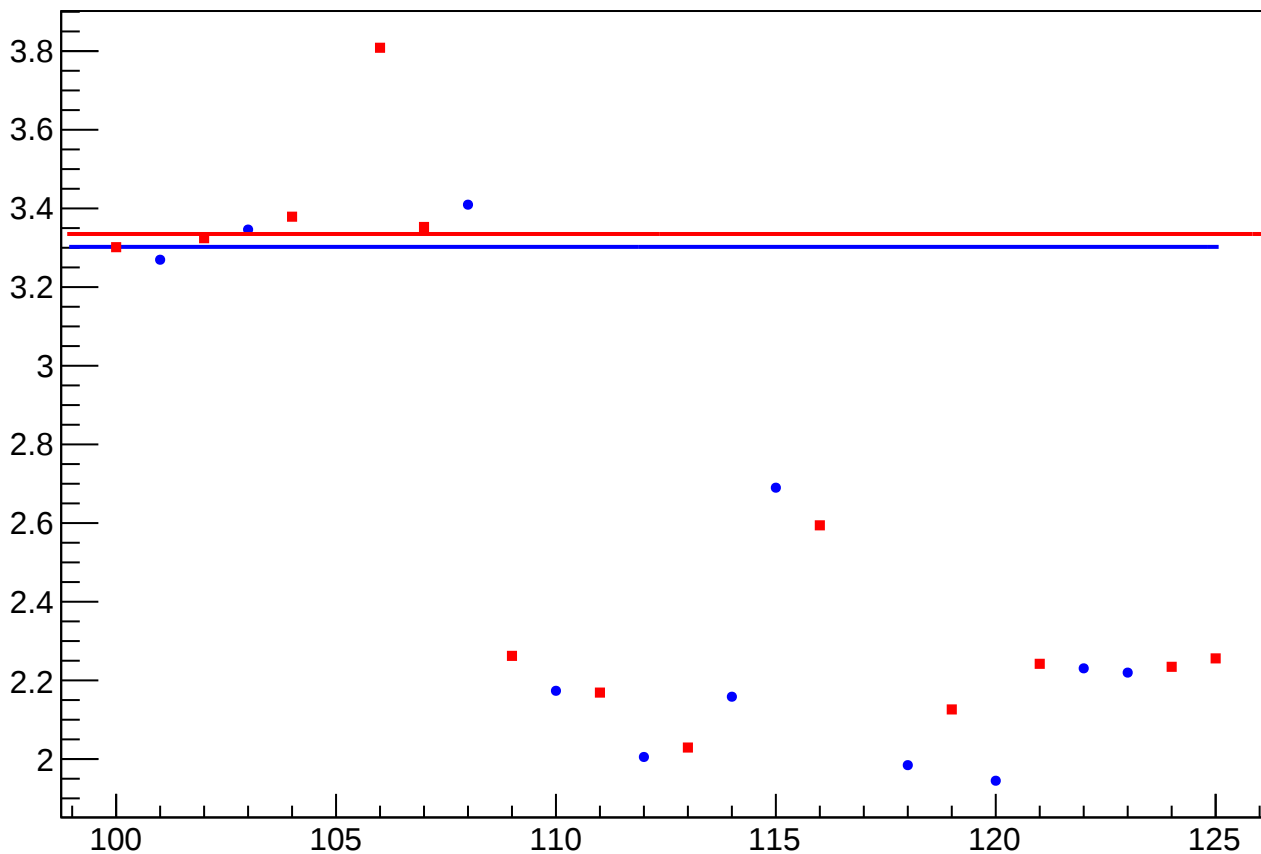
Right: 0.005+/-0.000 χ^2/NDF : 9714387.5/23

In: 0.005+/-0.000 χ^2/NDF :3863087.5/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 9714387.5/23

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.302 ± 0.000 χ^2/NDF : 358688880.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 3.335 ± 0.000 χ^2/NDF : 529529420.4/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

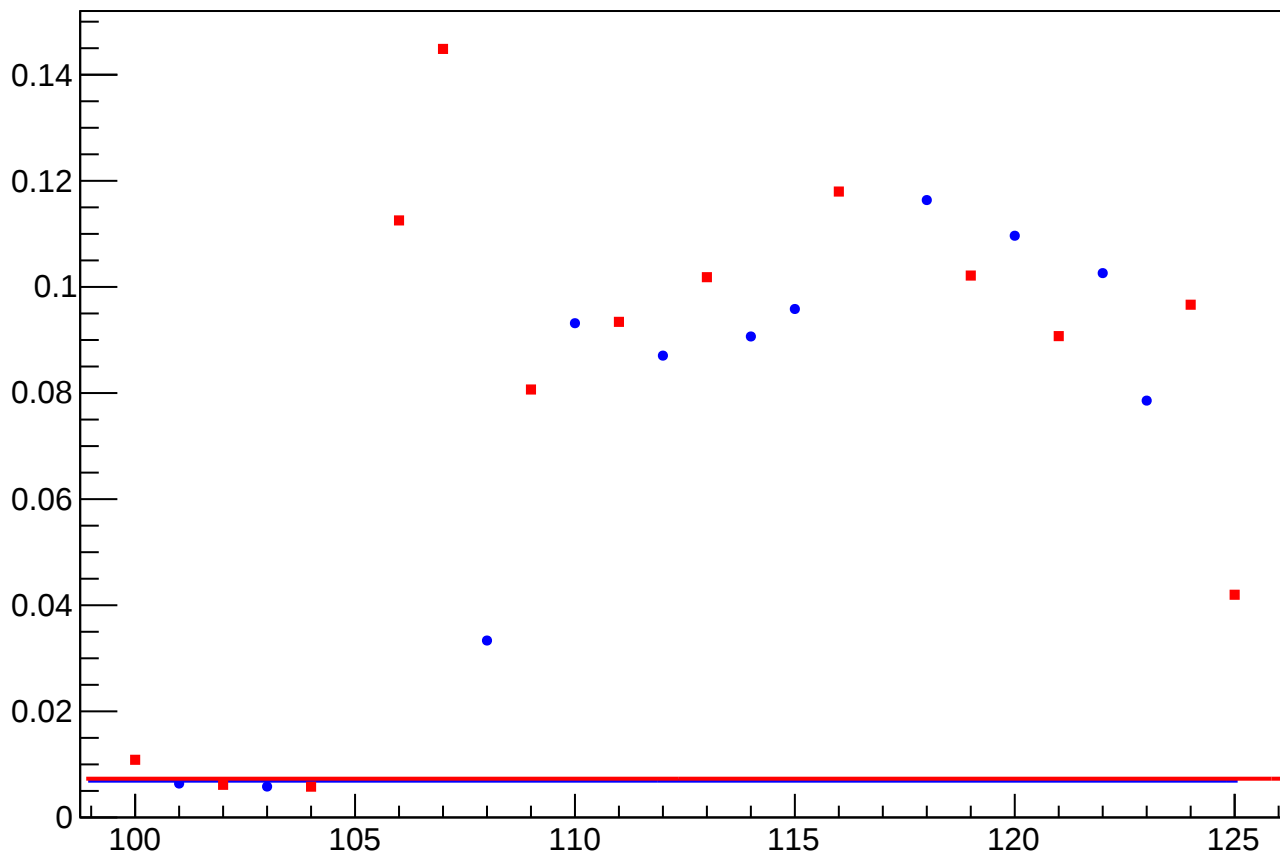
Right: 3.318 ± 0.000 χ^2/NDF : 902718292.0/23

In: 3.302 ± 0.000 χ^2/NDF : 358688880.3/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 3.318 ± 0.000 χ^2/NDF : 902718292.0/23

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 3907699.1/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 5656933.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

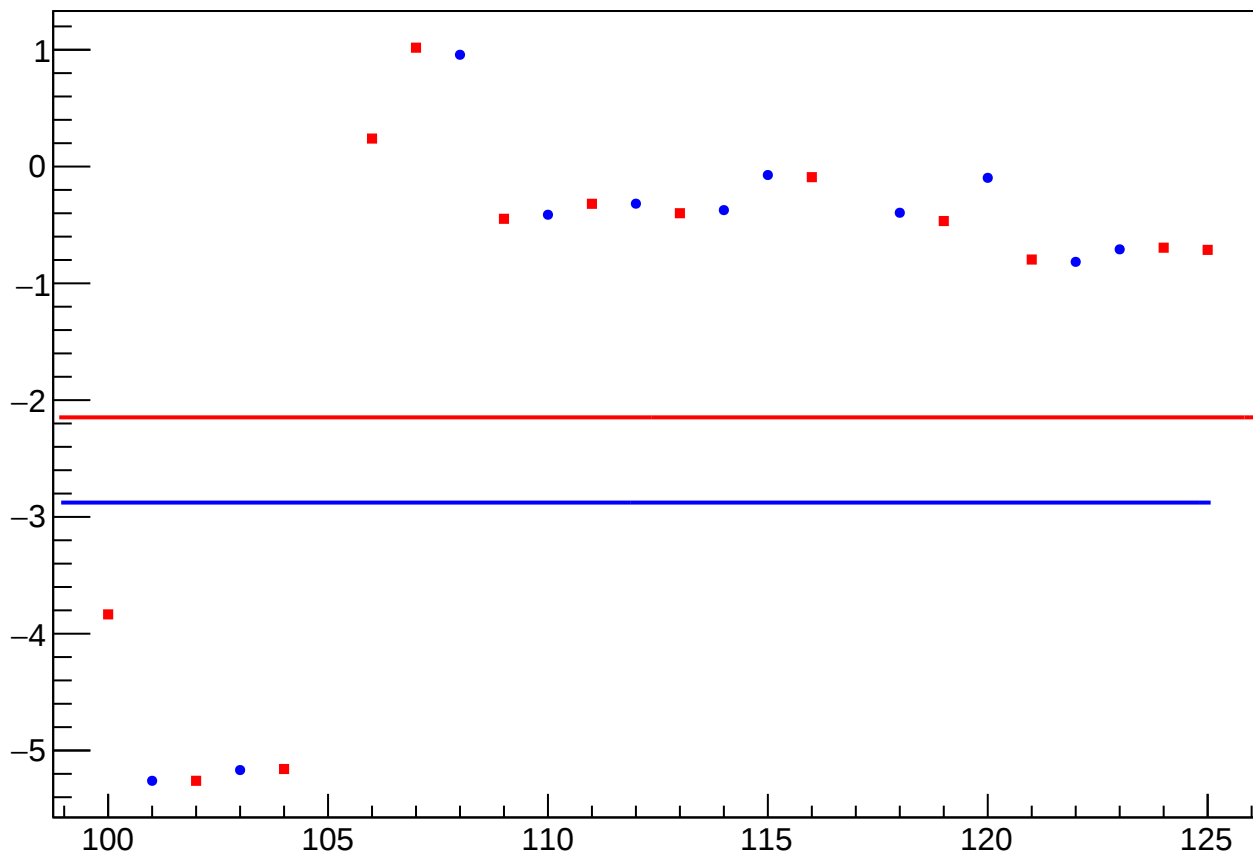
Right: 0.007+/-0.000 χ^2/NDF : 9568352.1/23

In: 0.007+/-0.000 χ^2/NDF :3907699.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 9568352.1/23

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -2.877+/-0.000 χ^2/NDF : 95881840868.7/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.148+/-0.000 χ^2/NDF : 114505296494.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

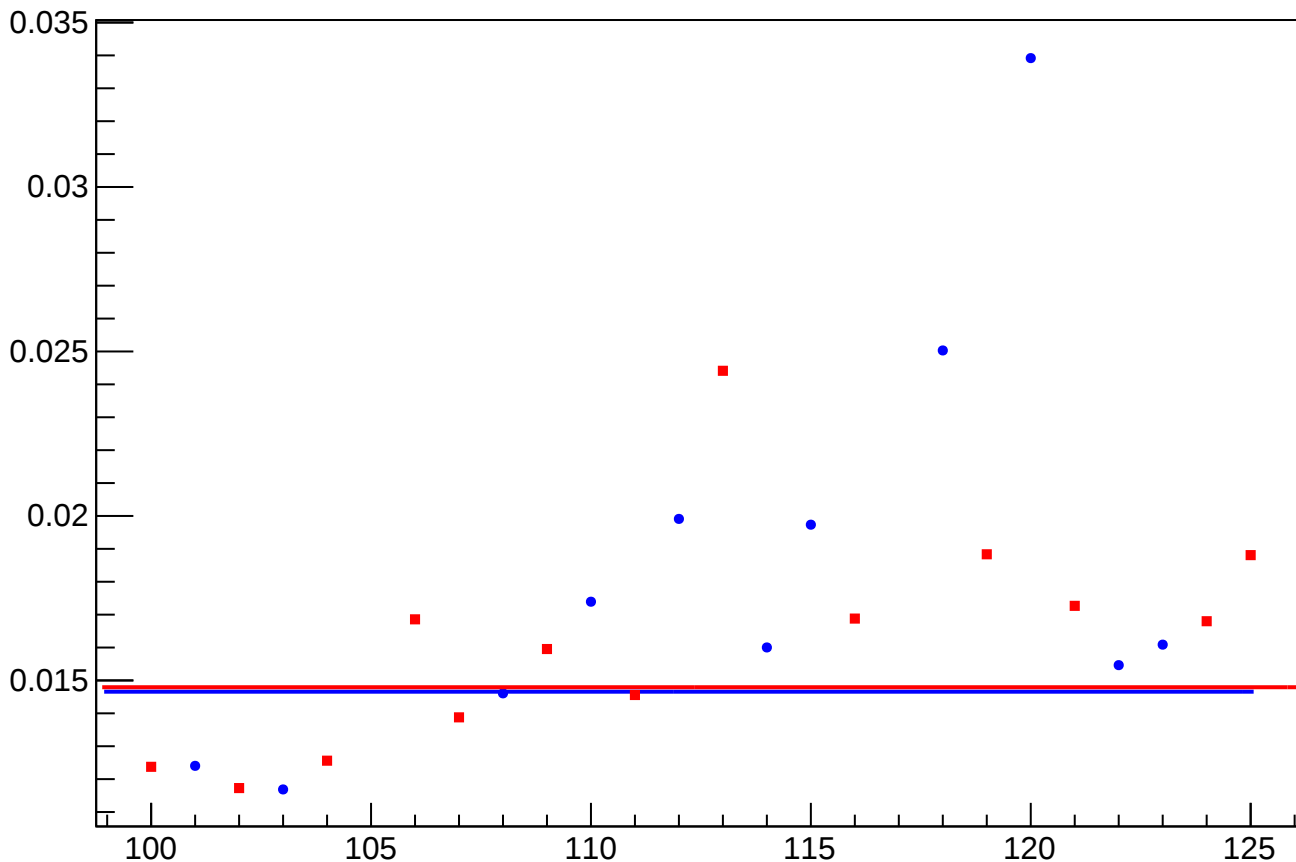
Right: -2.465+/-0.000 χ^2/NDF : 214723699730.6/23

In: -2.877+/-0.000 χ^2/NDF :95881840868.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.465+/-0.000 χ^2/NDF : 214723699730.6

yield_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 494979.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 305644.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

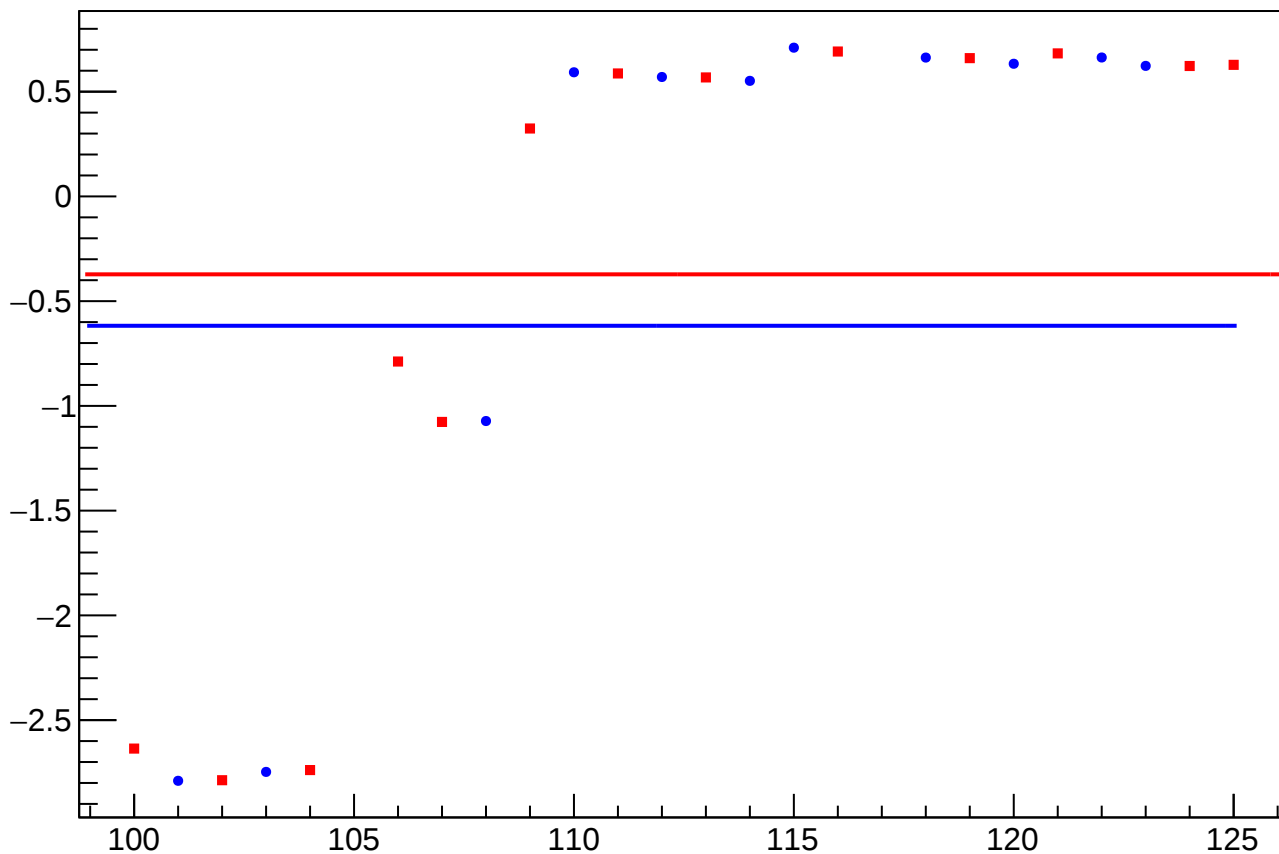
Right: 0.015+/-0.000 χ^2/NDF : 800923.0/23

In: 0.015+/-0.000 χ^2/NDF : 494979.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 800923.0/23

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -0.618+/-0.000 χ^2/NDF : 577681014200.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.372+/-0.000 χ^2/NDF : 687989465144.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

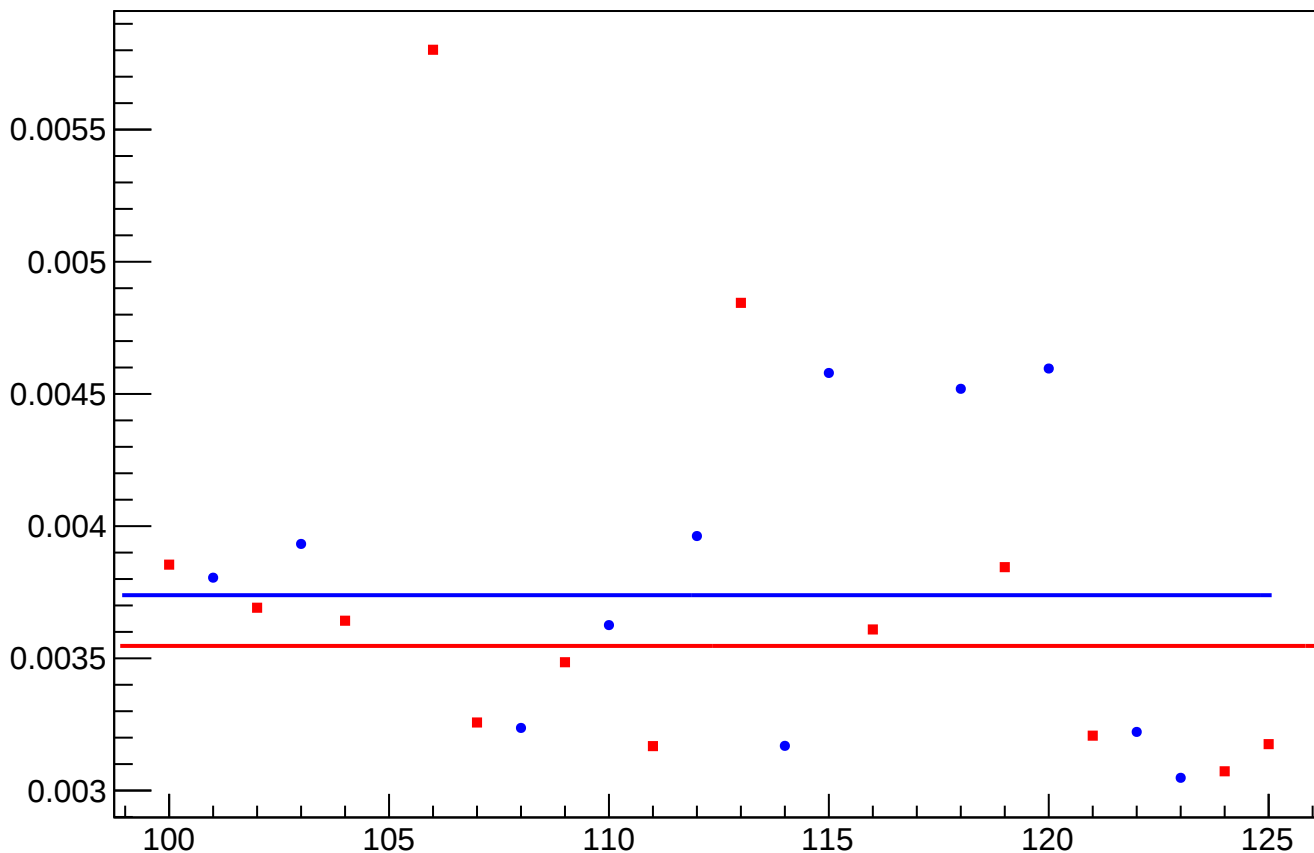
Right: -0.475+/-0.000 χ^2/NDF : 1274583819094.1/2

In: -0.618+/-0.000 χ^2/NDF :577681014200.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.475+/-0.000 χ^2/NDF : 1274583819094

yield_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 109956.7/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 186834.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

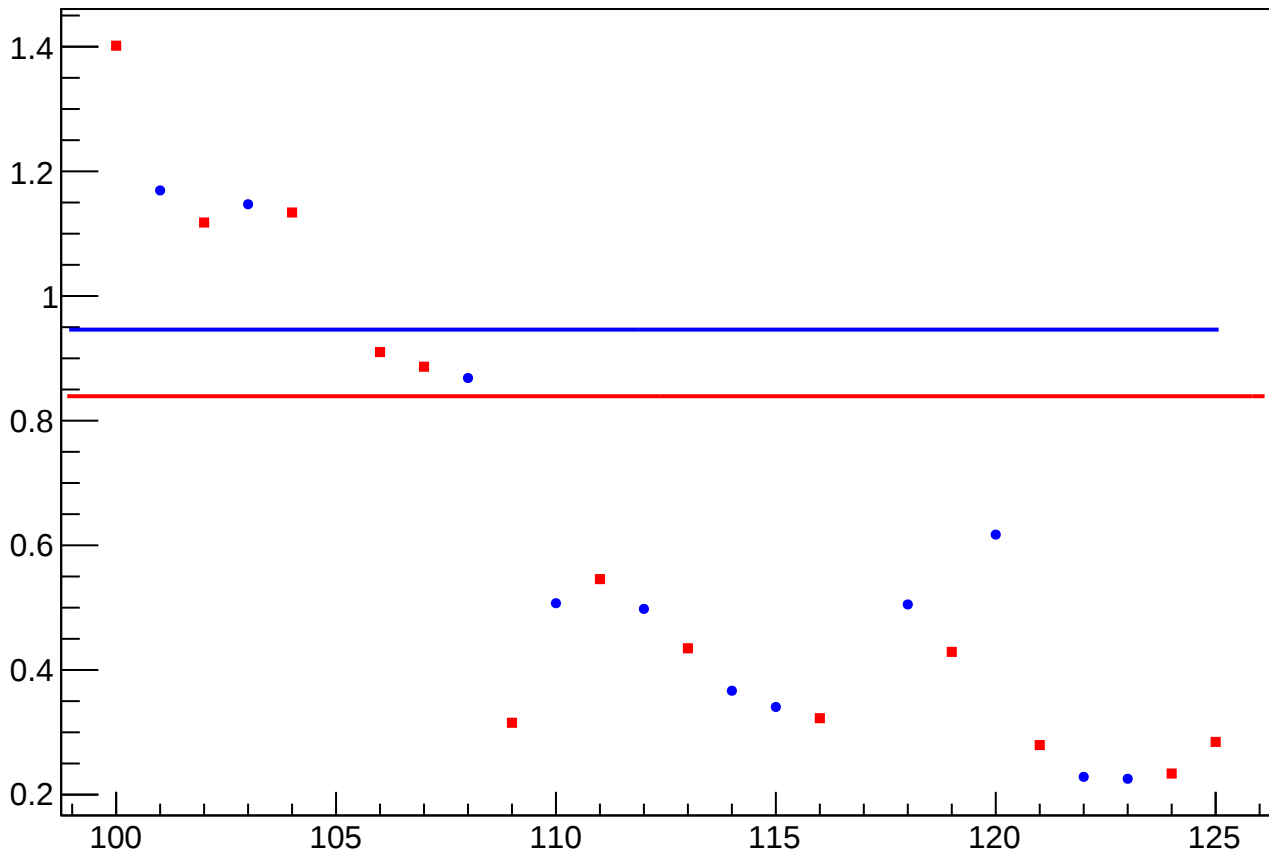
Right: 0.004+/-0.000 χ^2/NDF : 307677.3/23

In: 0.004+/-0.000 χ^2/NDF :109956.7/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 307677.3/23

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 0.946 ± 0.000 $\chi^2/\text{NDF}: 10567568786.1/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.839 ± 0.000 $\chi^2/\text{NDF}: 15343636240.5/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

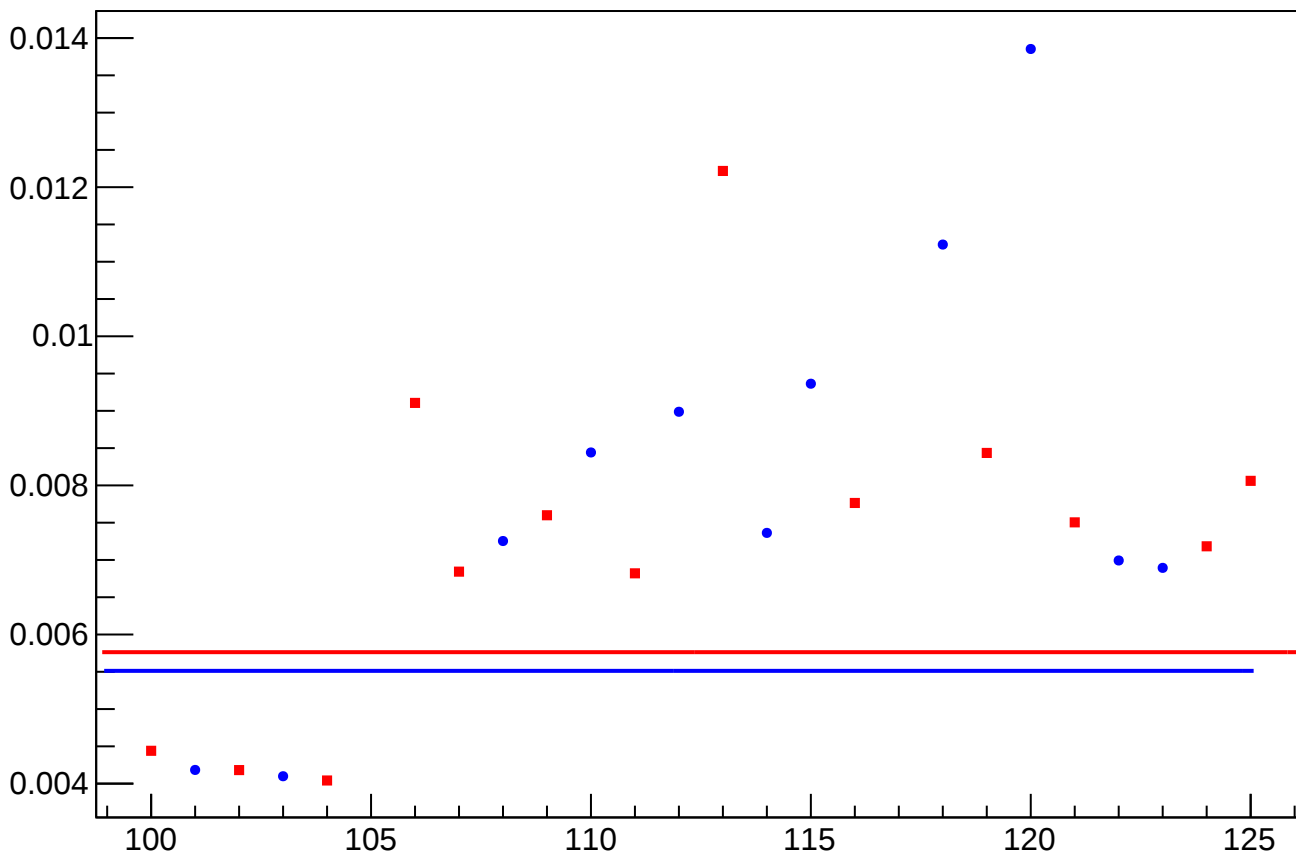
Right: 0.888 ± 0.000 $\chi^2/\text{NDF}: 26503340802.1/23$

In: 0.946 ± 0.000 $\chi^2/\text{NDF}: 10567568786.1/10$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.888 ± 0.000 $\chi^2/\text{NDF}: 26503340802.1/23$

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 949542.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 862514.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

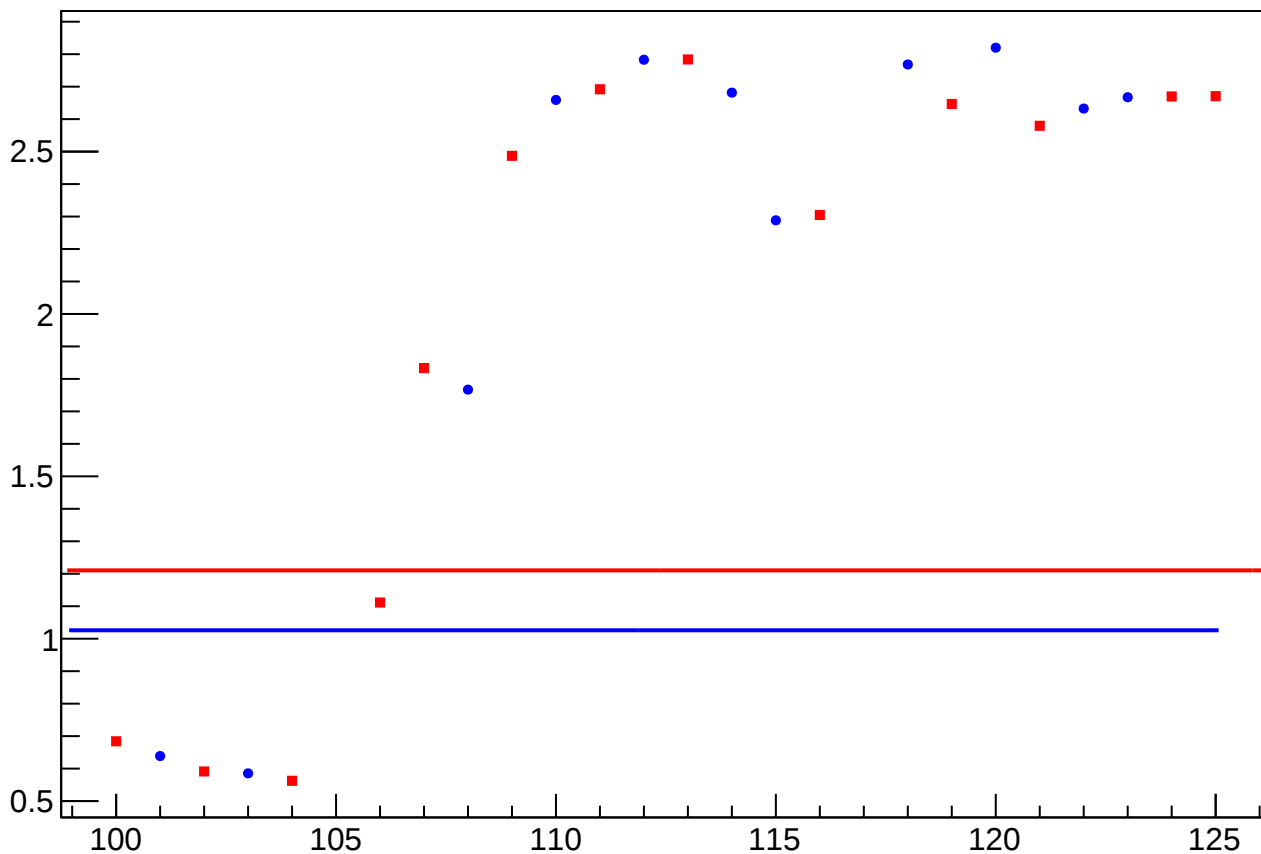
Right: 0.006+/-0.000 χ^2/NDF : 1818565.6/23

In: 0.006+/-0.000 χ^2/NDF : 949542.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1818565.6/23

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 1.026+/-0.000 χ^2/NDF : 64659426005.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.210+/-0.000 χ^2/NDF : 95037247605.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

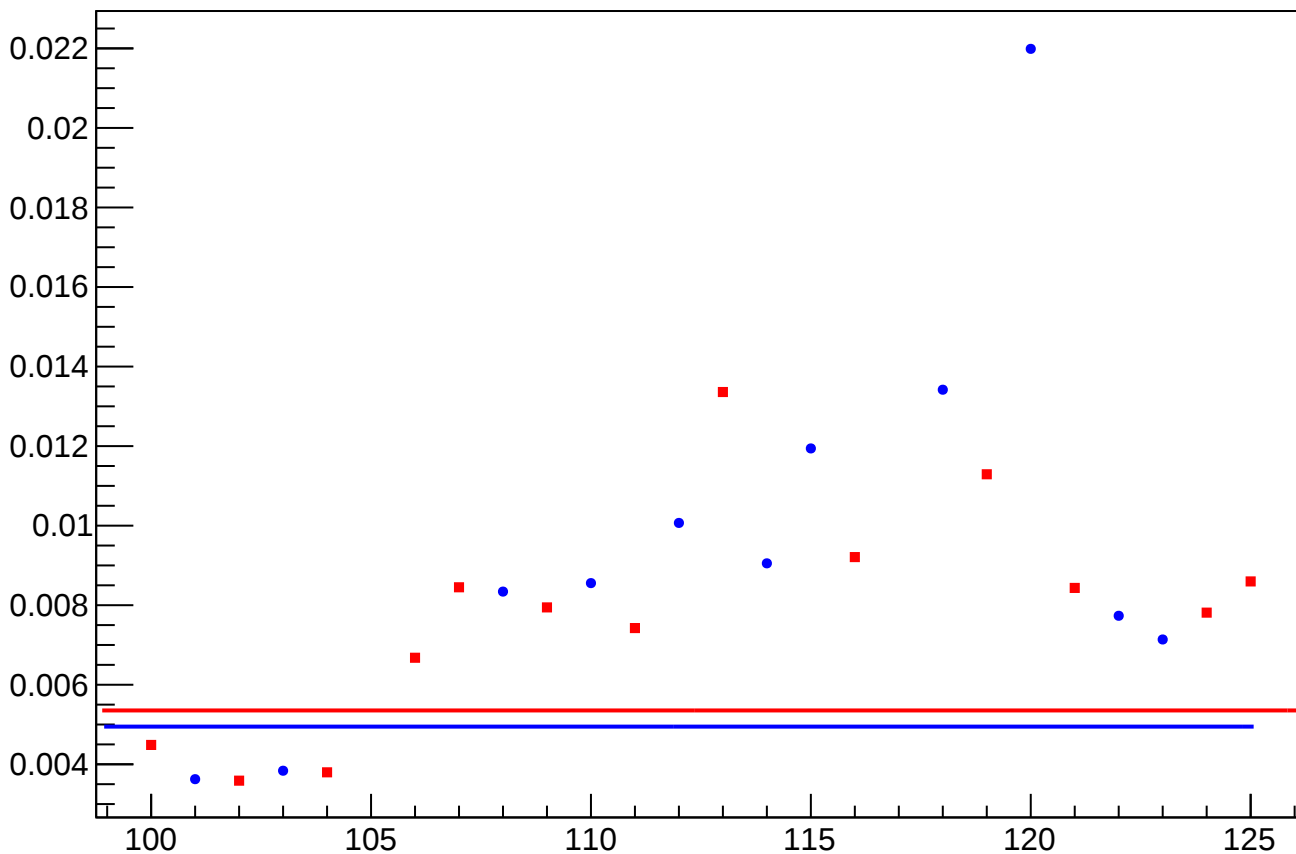
Right: 1.124+/-0.000 χ^2/NDF : 161561124938.4/23

In: 1.026+/-0.000 χ^2/NDF : 64659426005.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.124+/-0.000 χ^2/NDF : 161561124938.4

yield_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1376438.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1333542.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

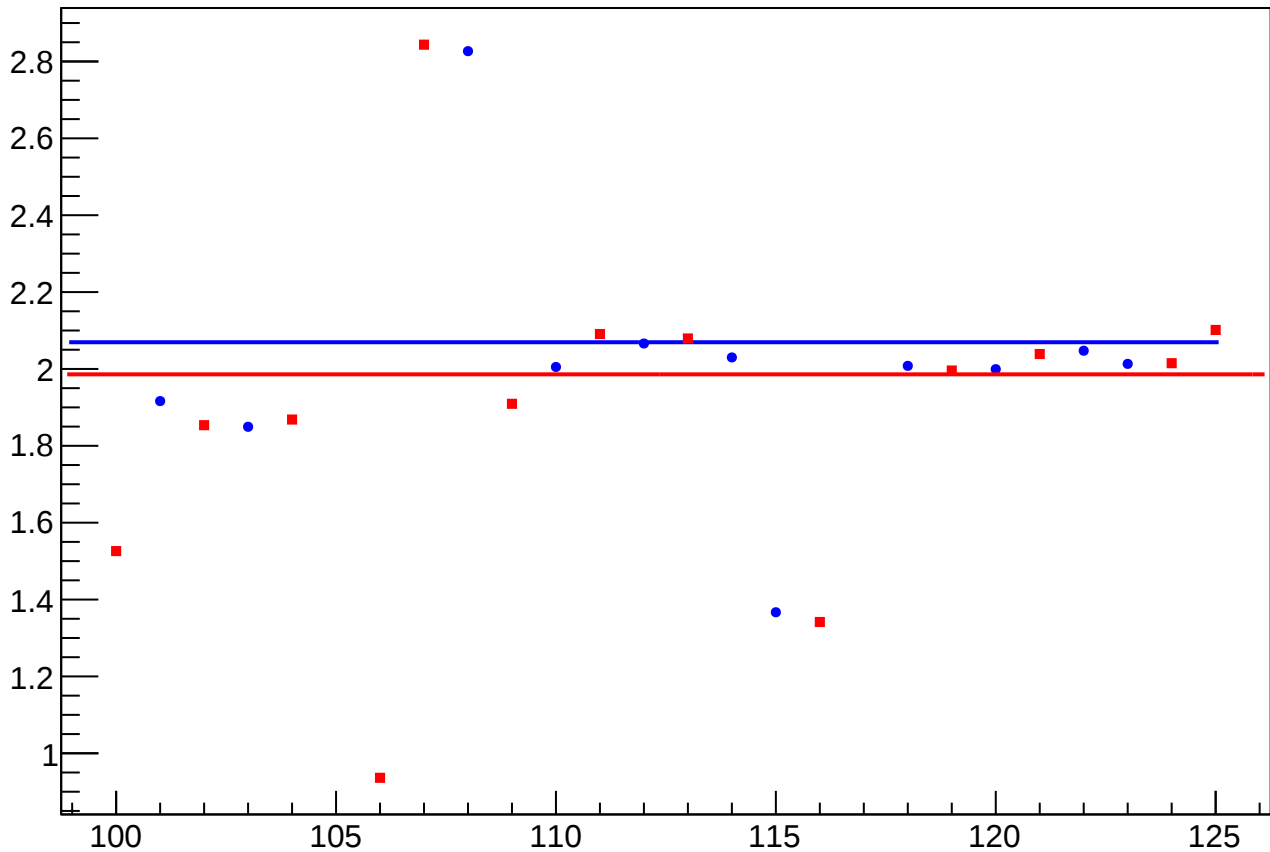
Right: 0.005+/-0.000 χ^2/NDF : 2728075.8/23

In: 0.005+/-0.000 χ^2/NDF :1376438.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2728075.8/23

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.070+/-0.000 χ^2/NDF : 7391814593.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.986+/-0.000 χ^2/NDF : 15160053628.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

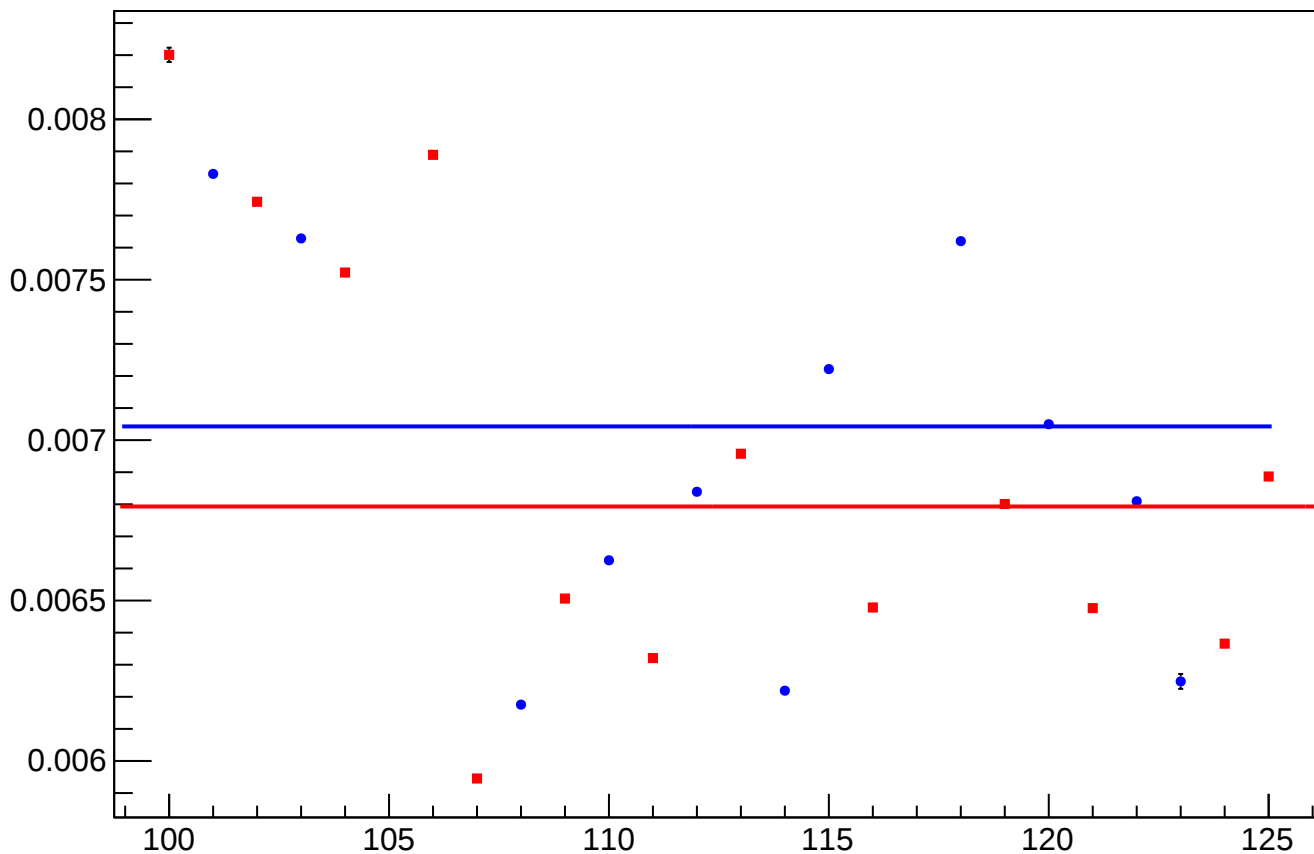
Right: 2.022+/-0.000 χ^2/NDF : 22844920646.9/23

In: 2.070+/-0.000 χ^2/NDF : 7391814593.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.022+/-0.000 χ^2/NDF : 22844920646.9/23

yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 46219.1/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 64394.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

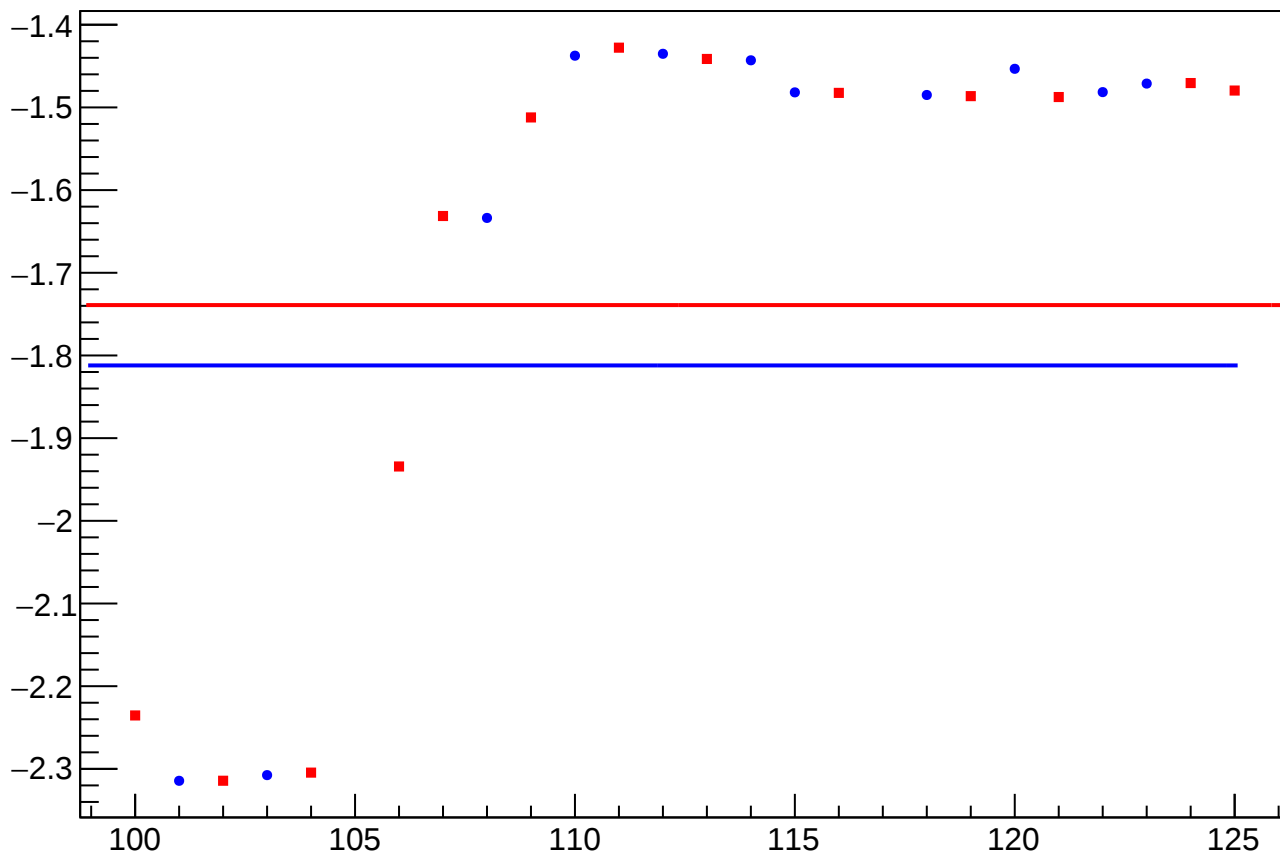
Right: 0.007+/-0.000 χ^2/NDF : 115844.5/23

In: 0.007+/-0.000 χ^2/NDF :46219.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 115844.5/23

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -1.812+/-0.000 χ^2/NDF : 79979399137.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.739+/-0.000 χ^2/NDF : 86637055271.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

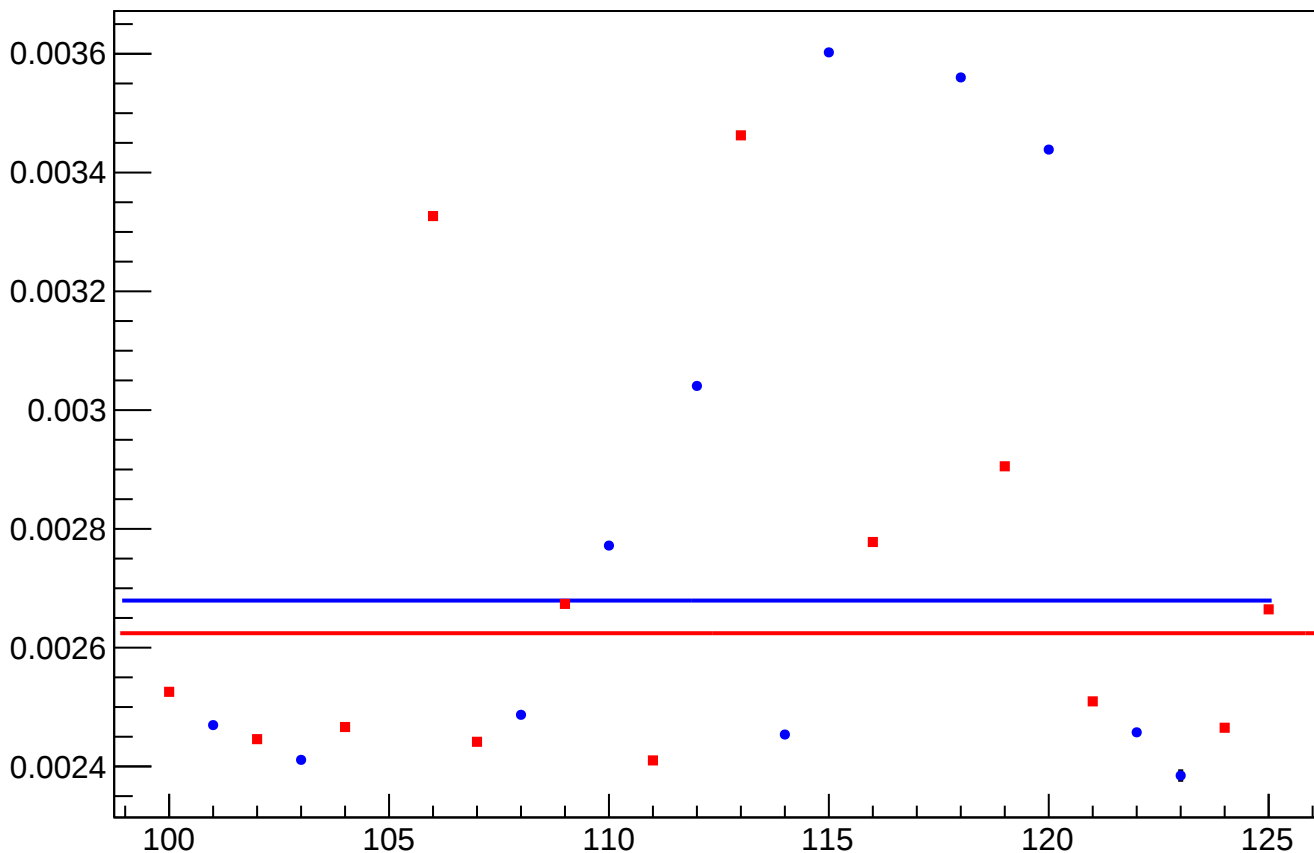
Right: -1.771+/-0.000 χ^2/NDF : 168107066384.5/23

In: -1.812+/-0.000 χ^2/NDF : 79979399137.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.771+/-0.000 χ^2/NDF : 168107066384.5

yield_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 146068.1/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 100250.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

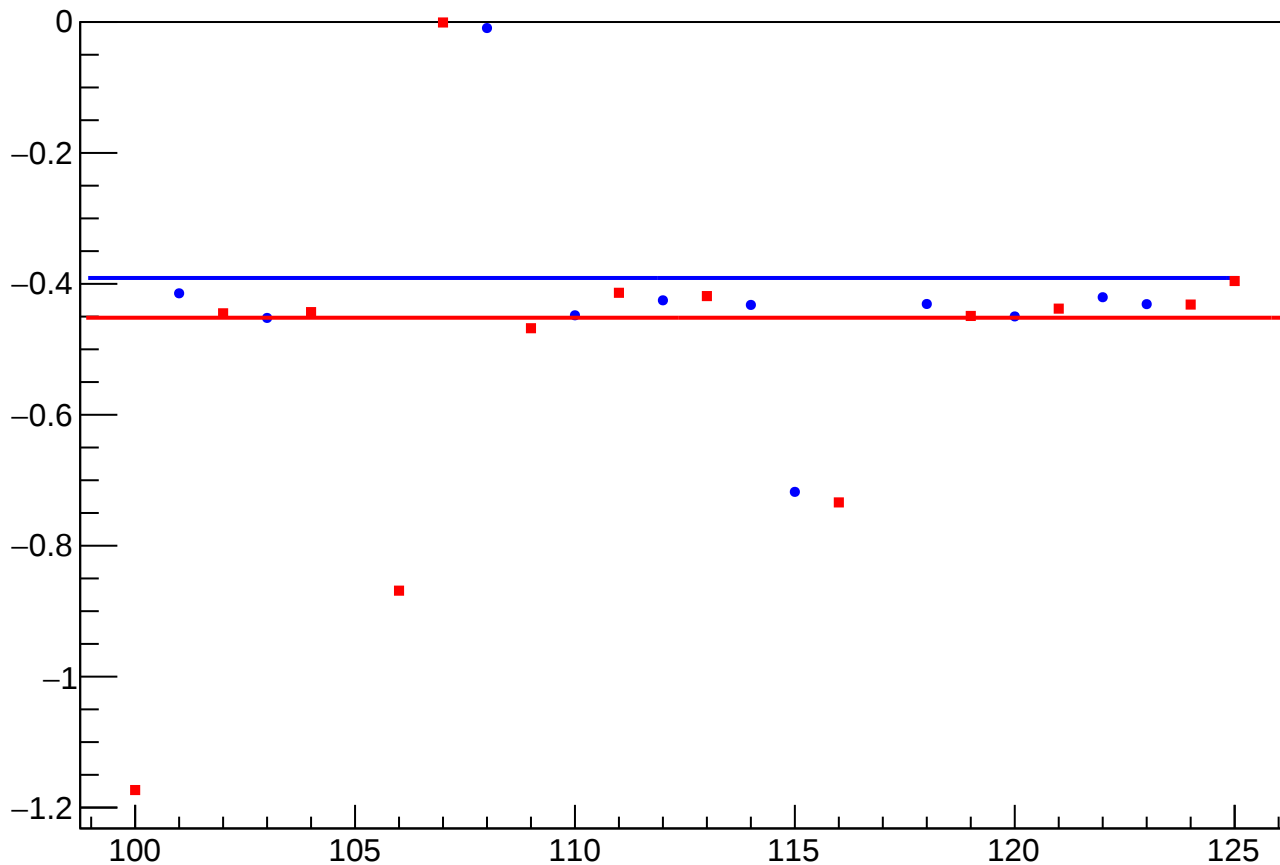
Right: 0.003+/-0.000 χ^2/NDF : 248009.7/23

In: 0.003+/-0.000 χ^2/NDF :146068.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 248009.7/23

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.391+/-0.000 χ^2/NDF : 657125853.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.452+/-0.000 χ^2/NDF : 1617168436.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

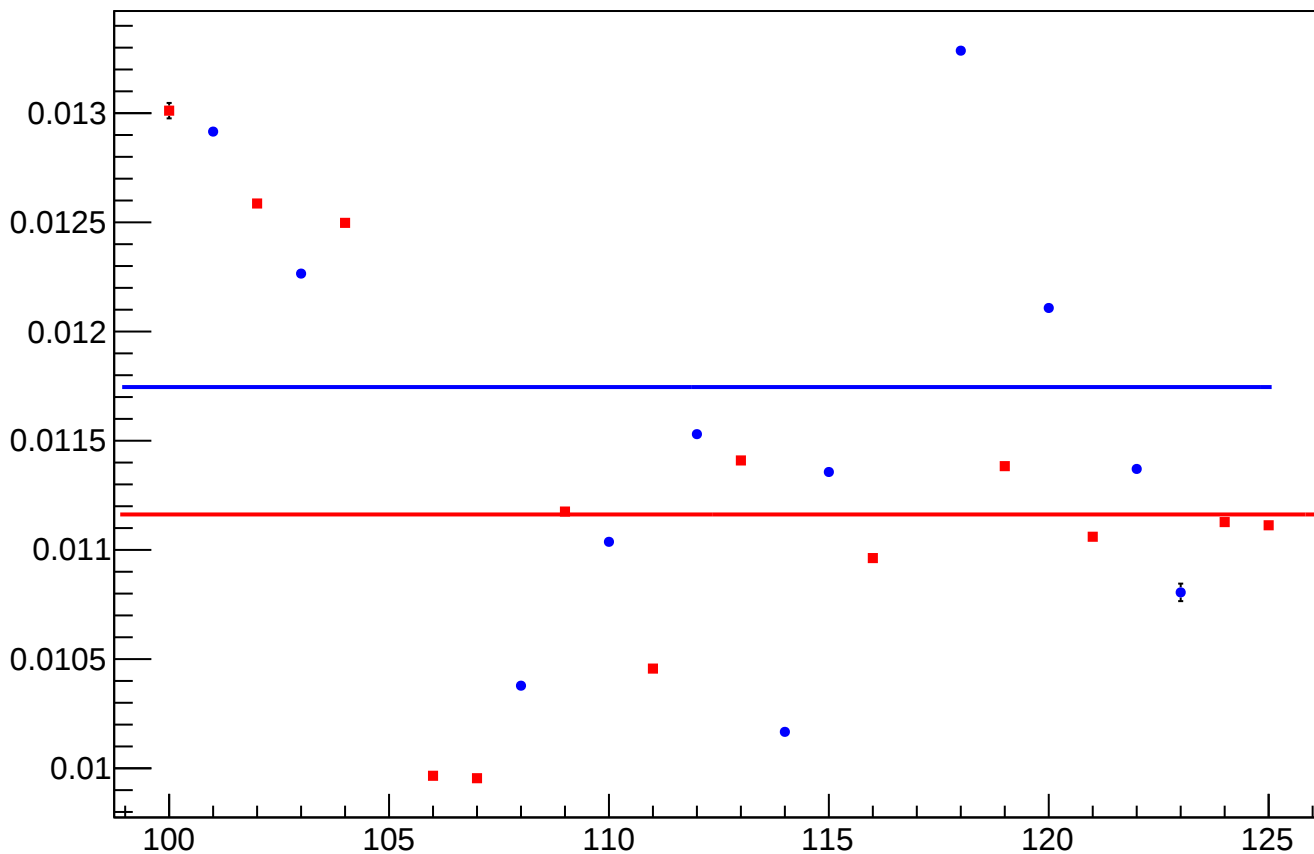
Right: -0.426+/-0.000 χ^2/NDF : 2332225126.3/23

In: -0.391+/-0.000 χ^2/NDF :657125853.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.426+/-0.000 χ^2/NDF : 2332225126.3/23

yield_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 47320.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 50894.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

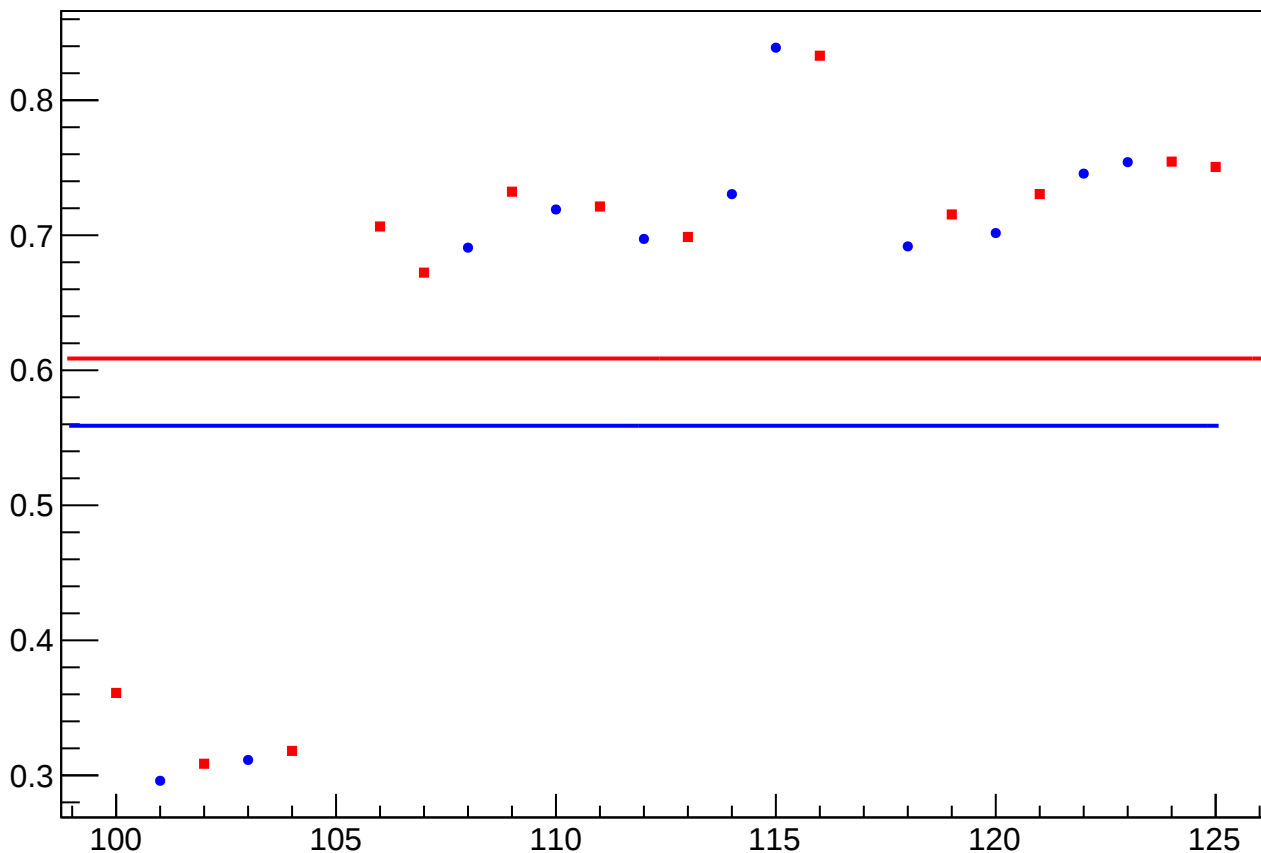
Right: 0.011+/-0.000 χ^2/NDF : 108910.7/23

In: 0.012+/-0.000 χ^2/NDF :47320.6/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 108910.7/23

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.559+/-0.000 χ^2/NDF : 21131898264.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.609+/-0.000 χ^2/NDF : 22813693163.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

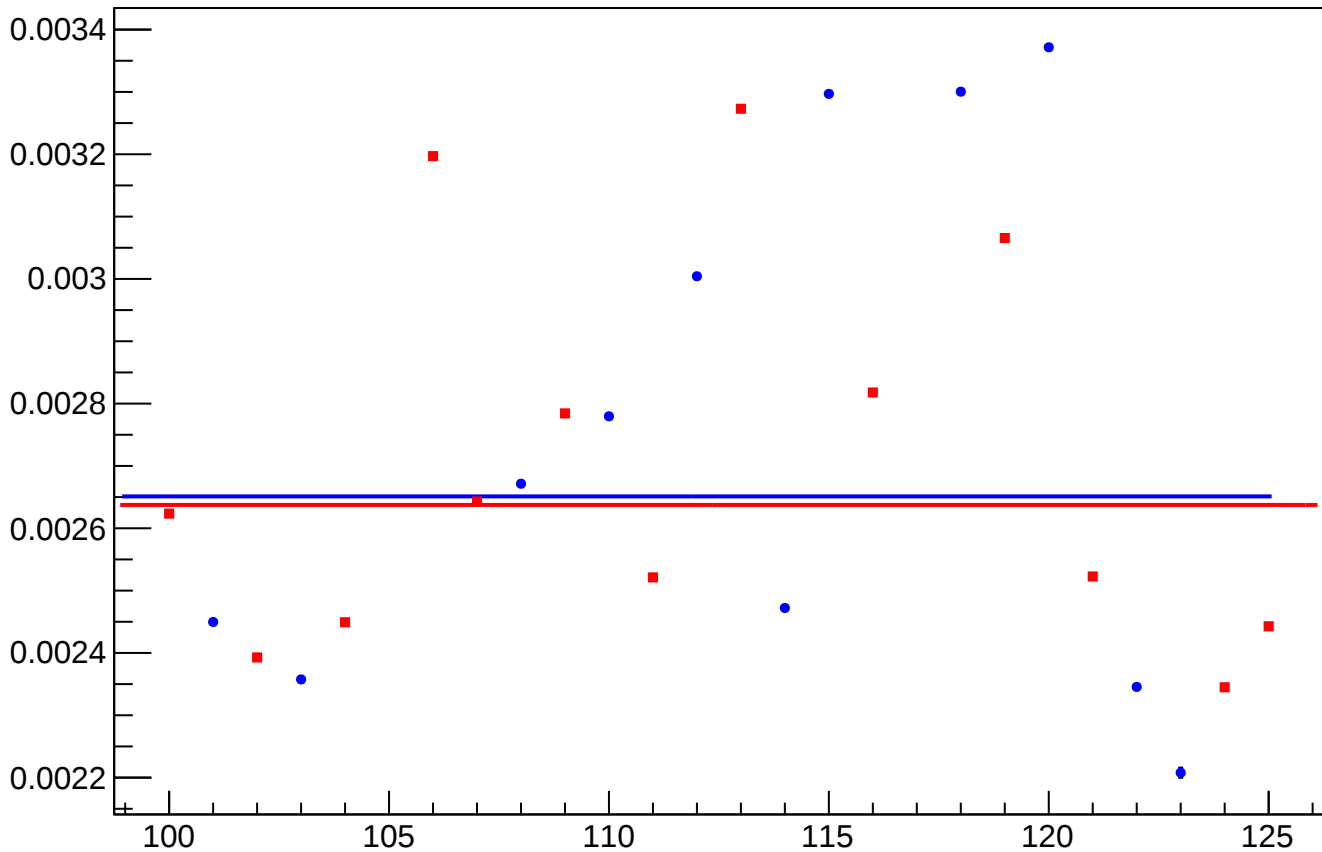
Right: 0.586+/-0.000 χ^2/NDF : 44649629532.9/23

In: 0.559+/-0.000 χ^2/NDF : 21131898264.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.586+/-0.000 χ^2/NDF : 44649629532.9/23

yield_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 127968.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 94109.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

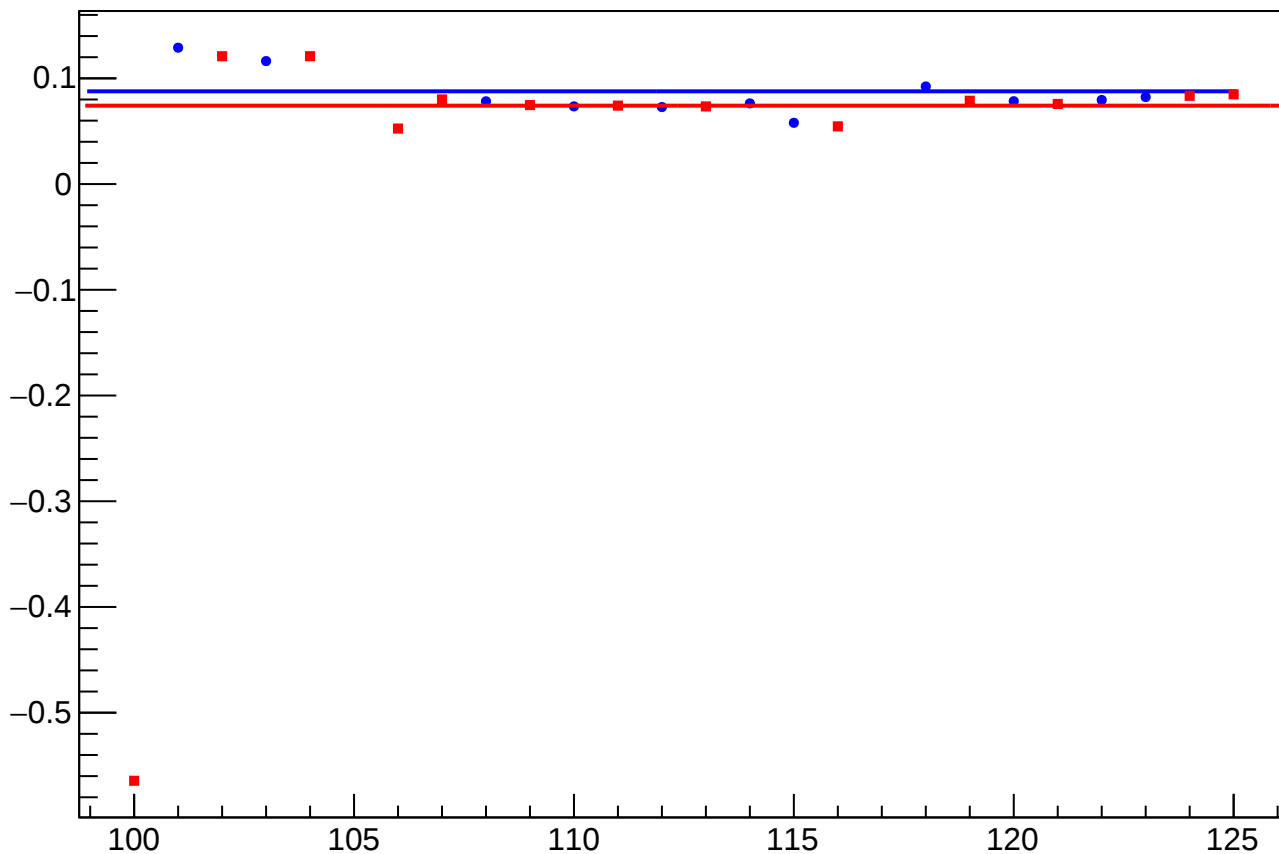
Right: 0.003+/-0.000 χ^2/NDF : 222184.6/23

In: 0.003+/-0.000 χ^2/NDF : 127968.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 222184.6/23

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.088+/-0.000 χ^2/NDF : 14836484.2/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.074+/-0.000 χ^2/NDF : 221326543.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

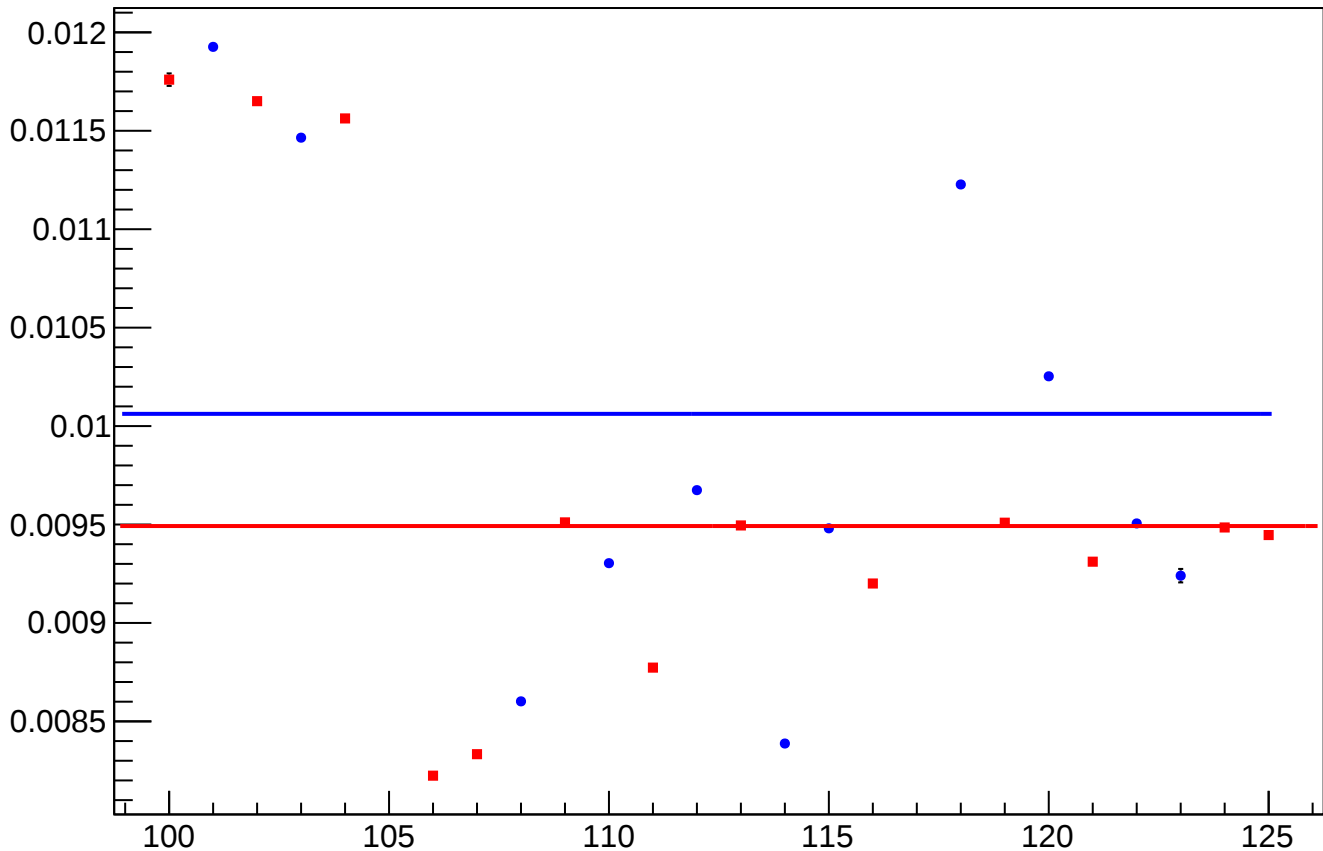
Right: 0.080+/-0.000 χ^2/NDF : 240094339.3/23

In: 0.088+/-0.000 χ^2/NDF :14836484.2/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.080+/-0.000 χ^2/NDF : 240094339.3/23

yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 95002.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 106236.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

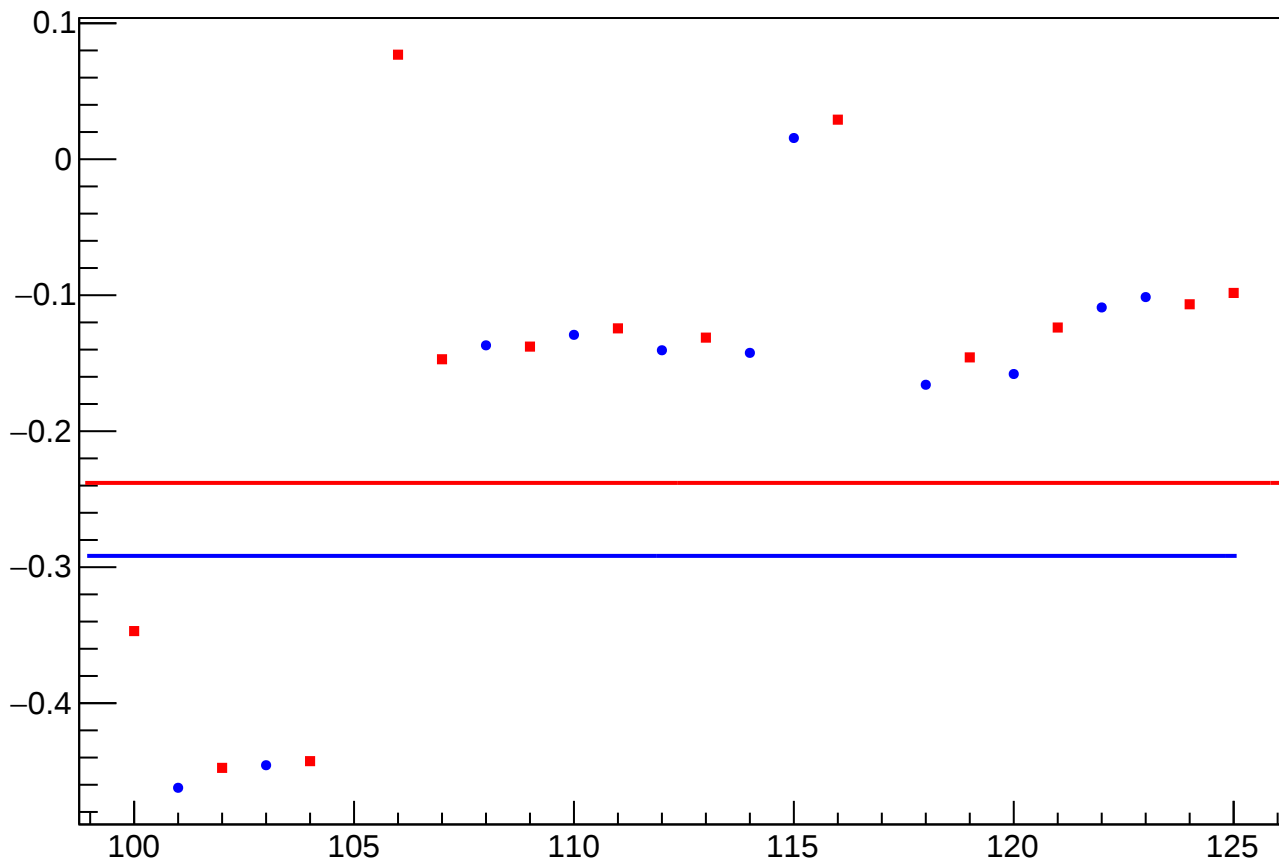
Right: 0.010+/-0.000 χ^2/NDF : 215126.4/23

In: 0.010+/-0.000 χ^2/NDF : 95002.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 215126.4/23

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.292+/-0.000 χ^2/NDF : 4737002413.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.238+/-0.000 χ^2/NDF : 6032757760.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

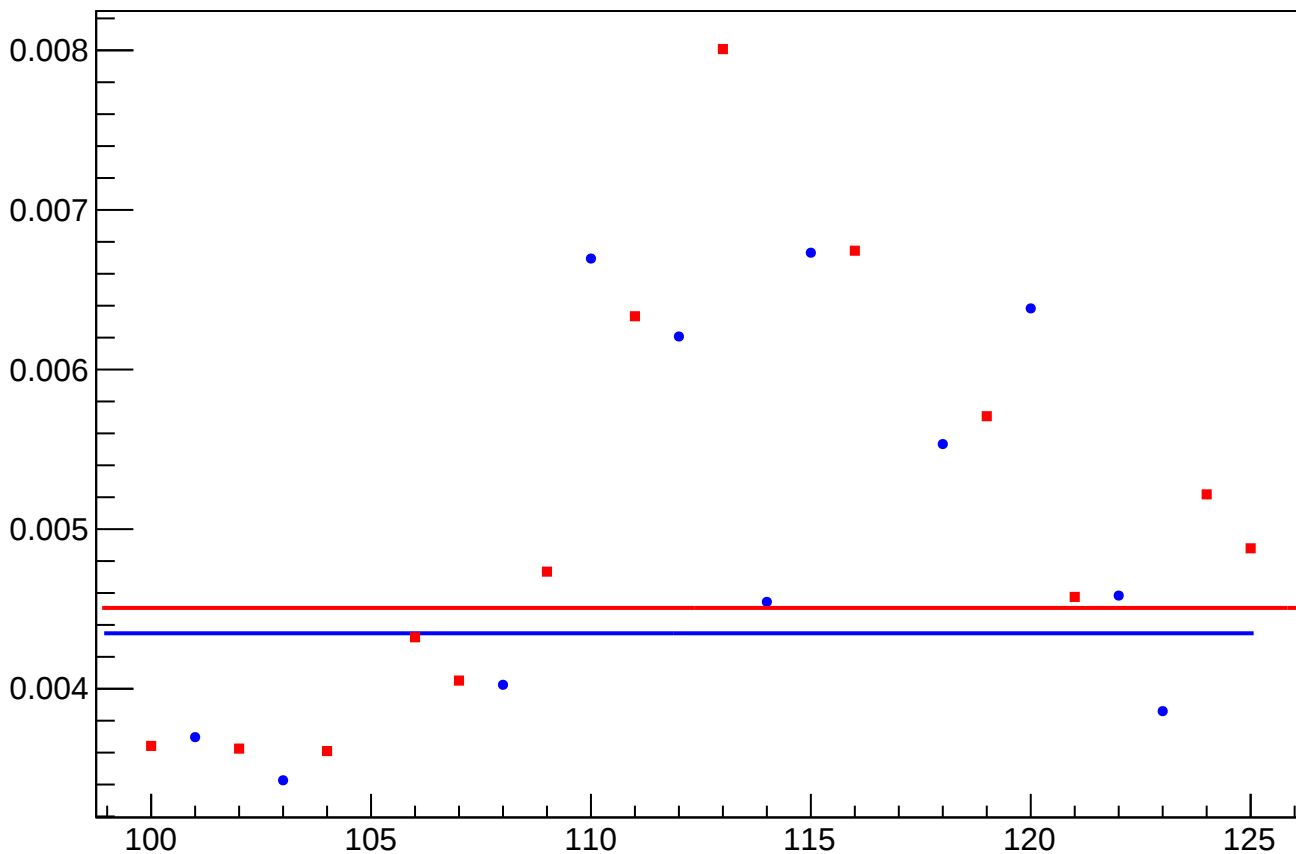
Right: -0.263+/-0.000 χ^2/NDF : 11046815909.2/23

In: -0.292+/-0.000 χ^2/NDF :4737002413.0/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.263+/-0.000 χ^2/NDF : 11046815909.2/23

yield_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 407751.4/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 466201.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

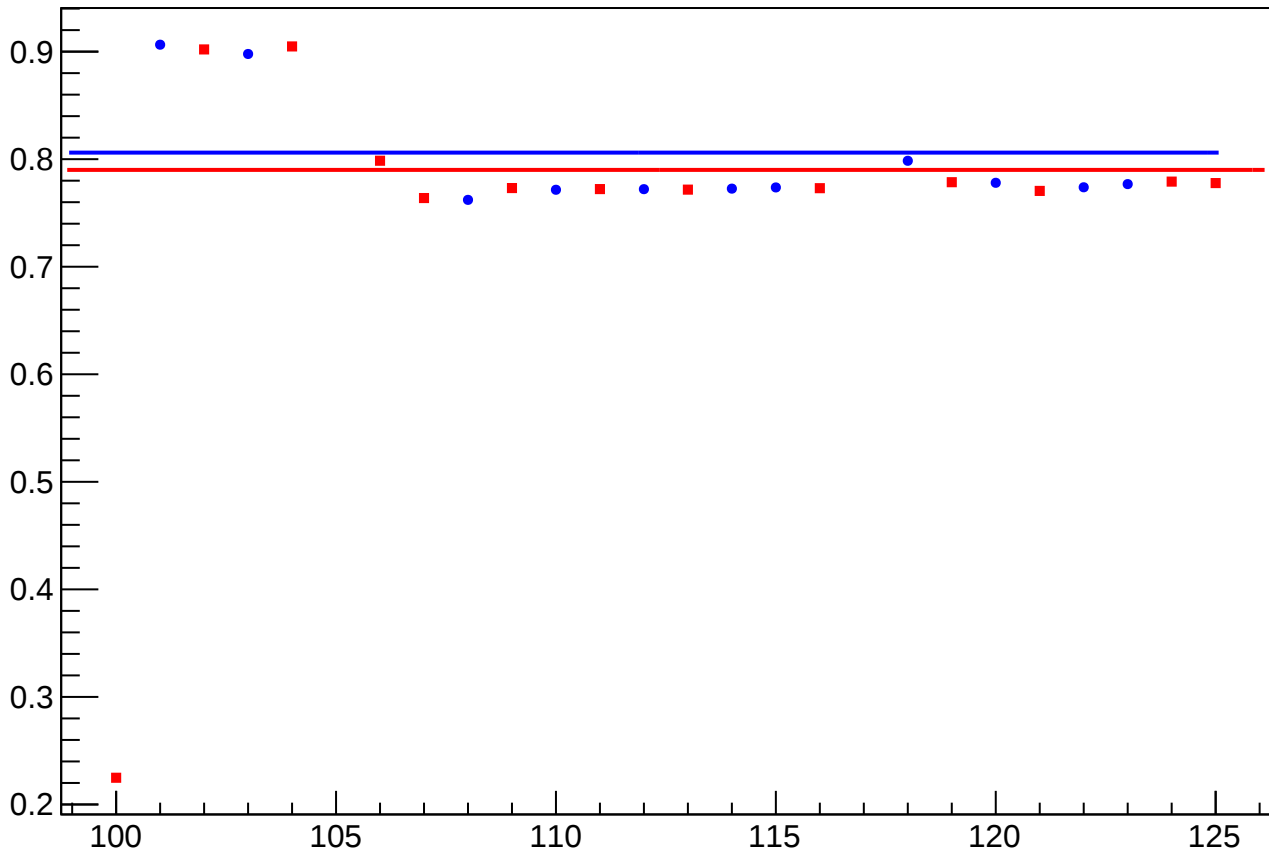
Right: 0.004+/-0.000 χ^2/NDF : 878810.6/23

In: 0.004+/-0.000 χ^2/NDF :407751.4/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 878810.6/23

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.806+/-0.000 χ^2/NDF : 90708151.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.790+/-0.000 χ^2/NDF : 238246823.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

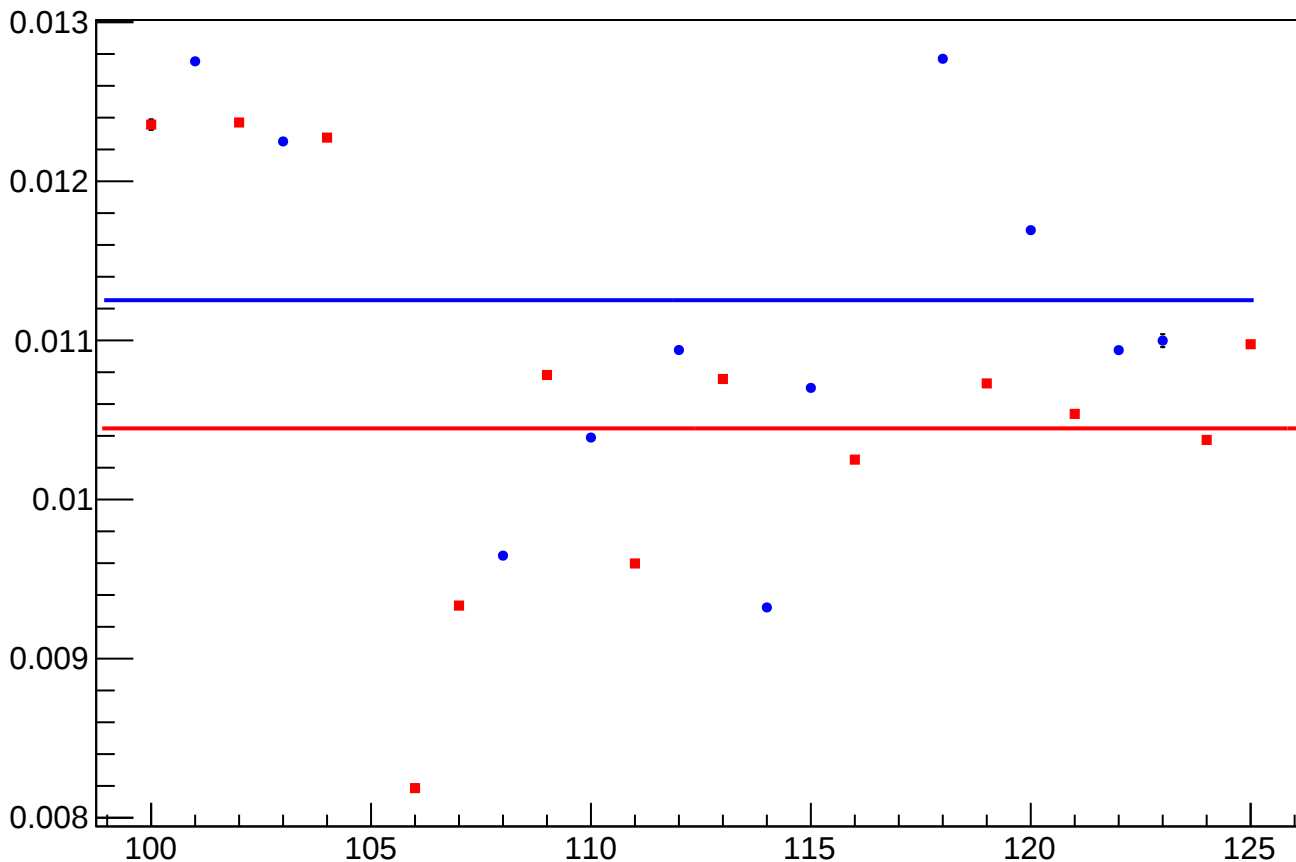
Right: 0.797+/-0.000 χ^2/NDF : 333432654.3/23

In: 0.806+/-0.000 χ^2/NDF : 90708151.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.797+/-0.000 χ^2/NDF : 333432654.3/23

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 73664.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 115457.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

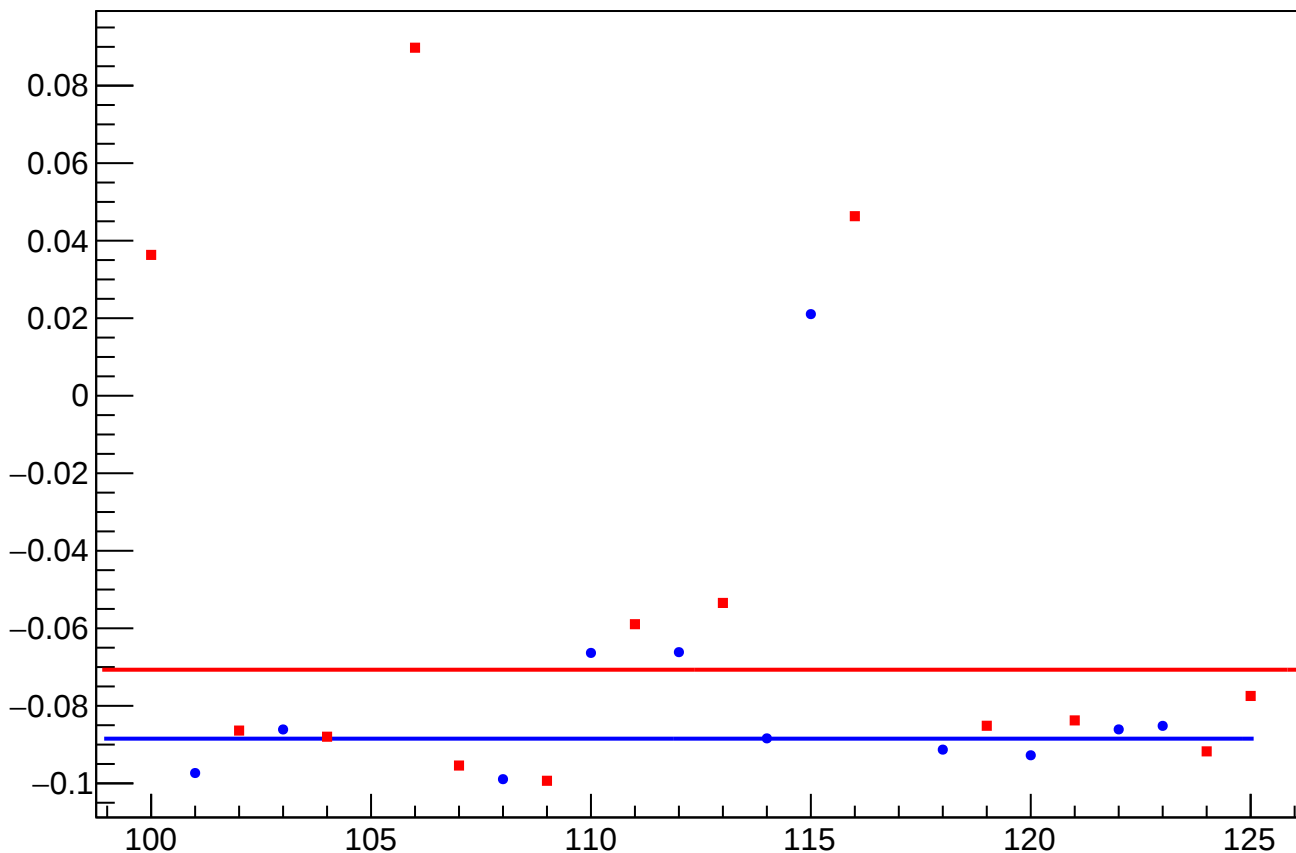
Right: 0.011+/-0.000 χ^2/NDF : 211626.2/23

In: 0.011+/-0.000 χ^2/NDF : 73664.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 211626.2/23

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -0.088+/-0.000 χ^2/NDF : 35205578.1/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.071+/-0.000 χ^2/NDF : 427273616.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

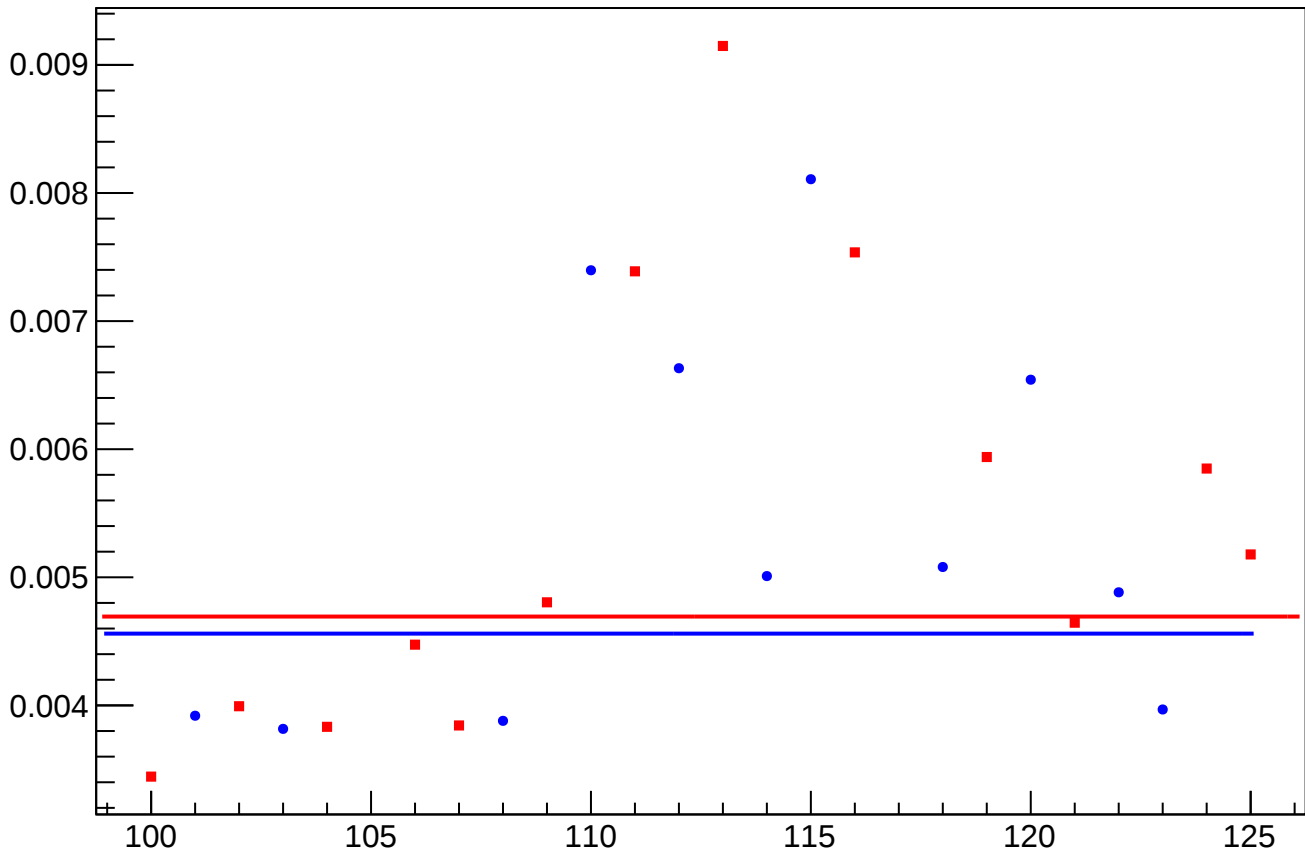
Right: -0.079+/-0.000 χ^2/NDF : 489502700.4/23

In: -0.088+/-0.000 χ^2/NDF :35205578.1/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.079+/-0.000 χ^2/NDF : 489502700.4/23

yield_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 376038.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 547659.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

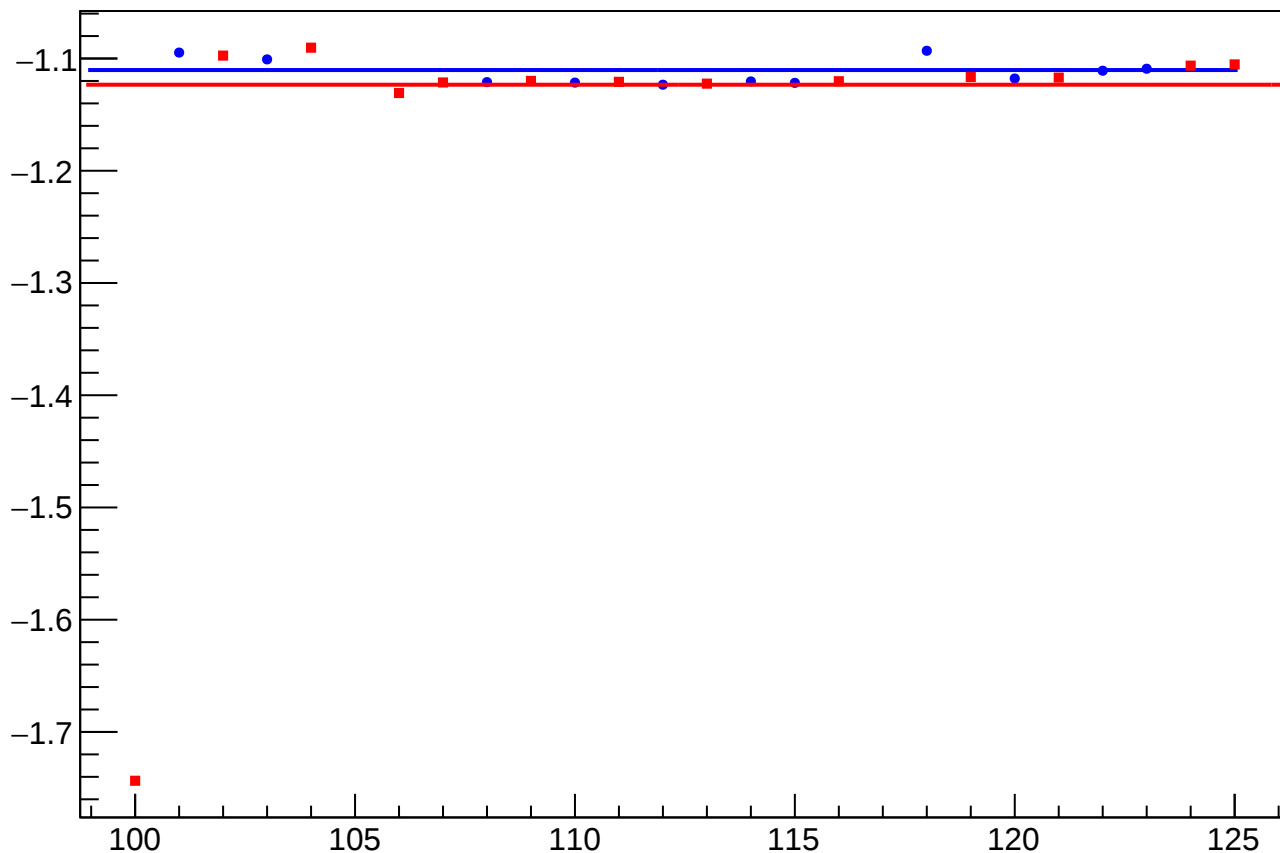
Right: 0.005+/-0.000 χ^2/NDF : 926731.2/23

In: 0.005+/-0.000 χ^2/NDF :376038.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 926731.2/23

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -1.110+/-0.000 χ^2/NDF : 3566107.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.123+/-0.000 χ^2/NDF : 206046953.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

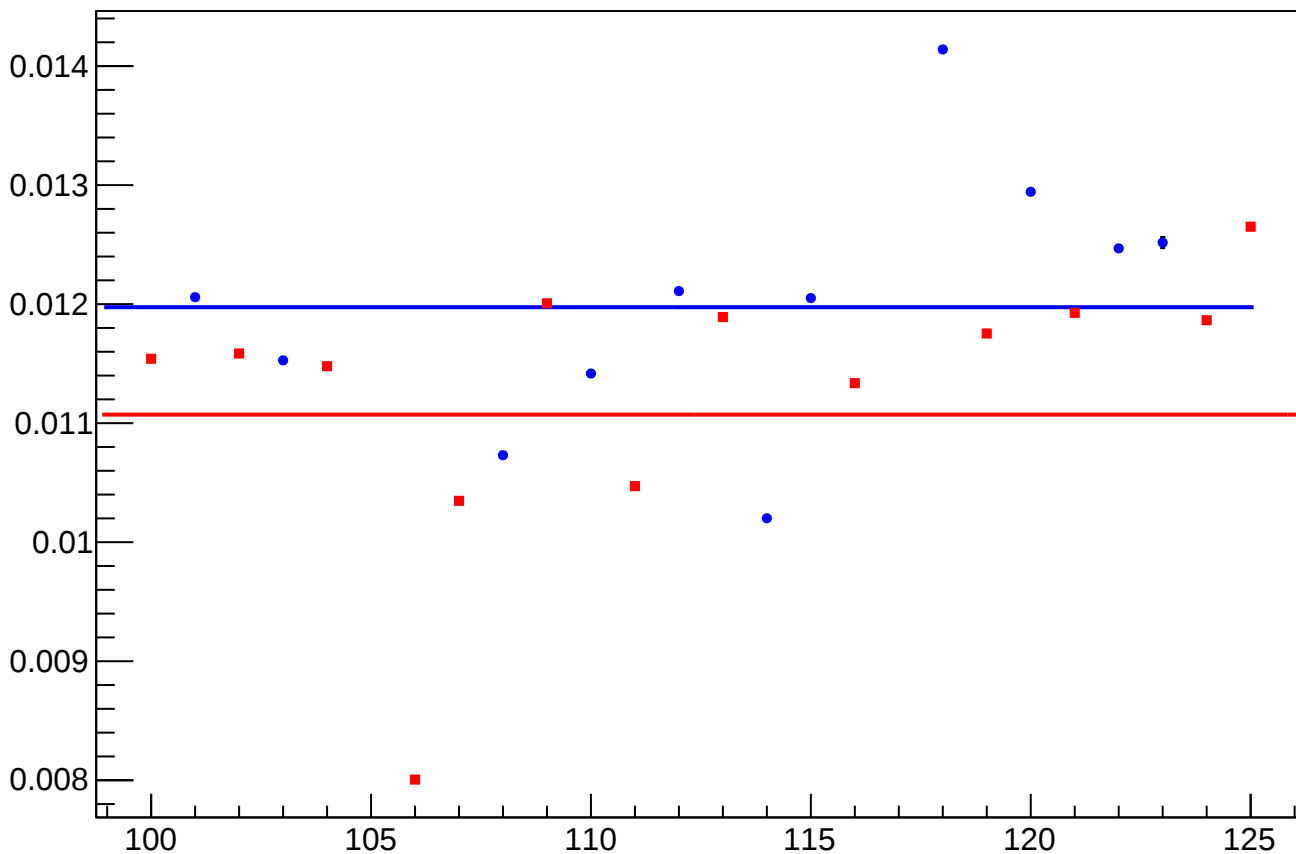
Right: -1.118+/-0.000 χ^2/NDF : 212236505.1/23

In: -1.110+/-0.000 χ^2/NDF : 3566107.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.118+/-0.000 χ^2/NDF : 212236505.1/23

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 46407.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 124741.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

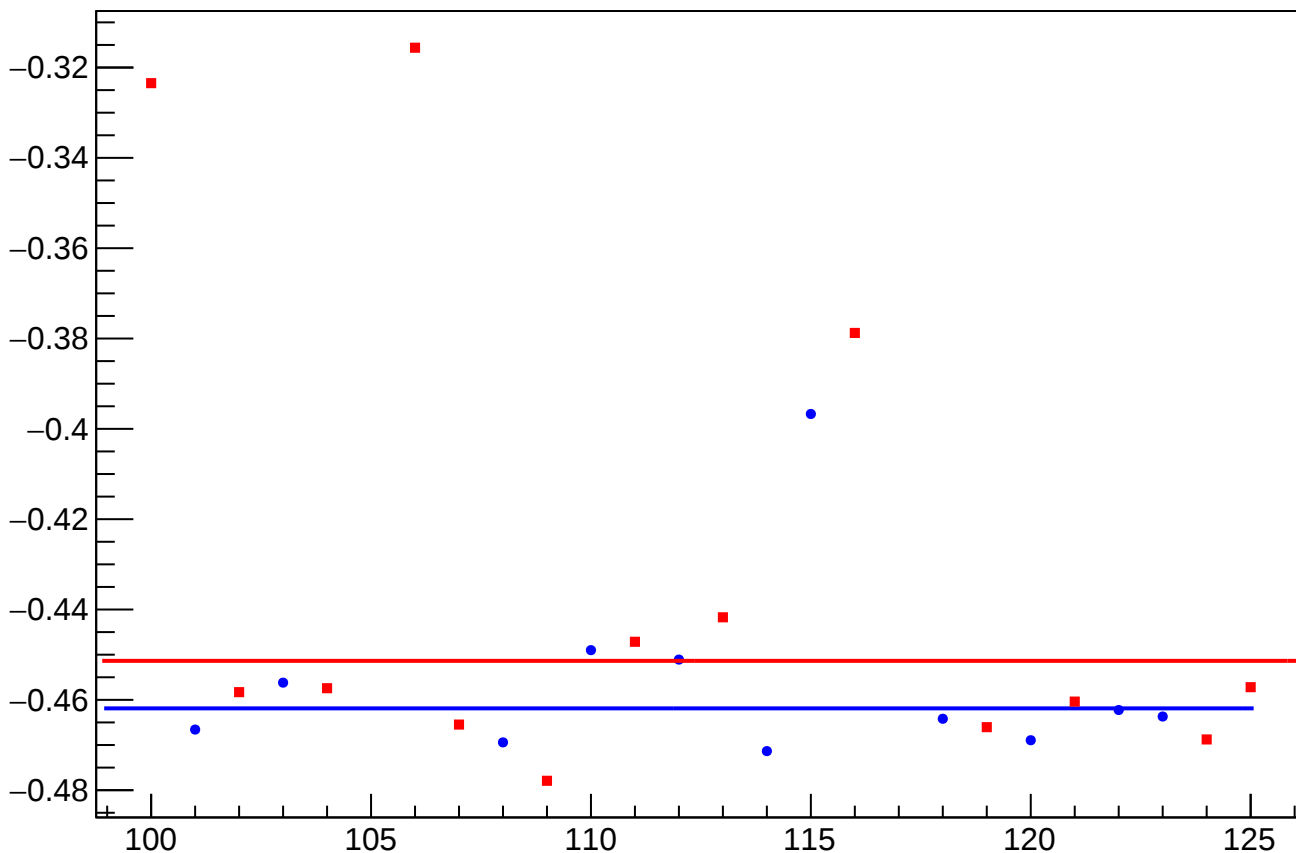
Right: 0.011+/-0.000 χ^2/NDF : 196141.3/23

In: 0.012+/-0.000 χ^2/NDF : 46407.7/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 196141.3/23

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.462+/-0.000 χ^2/NDF : 21330849.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.451+/-0.000 χ^2/NDF : 351085728.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

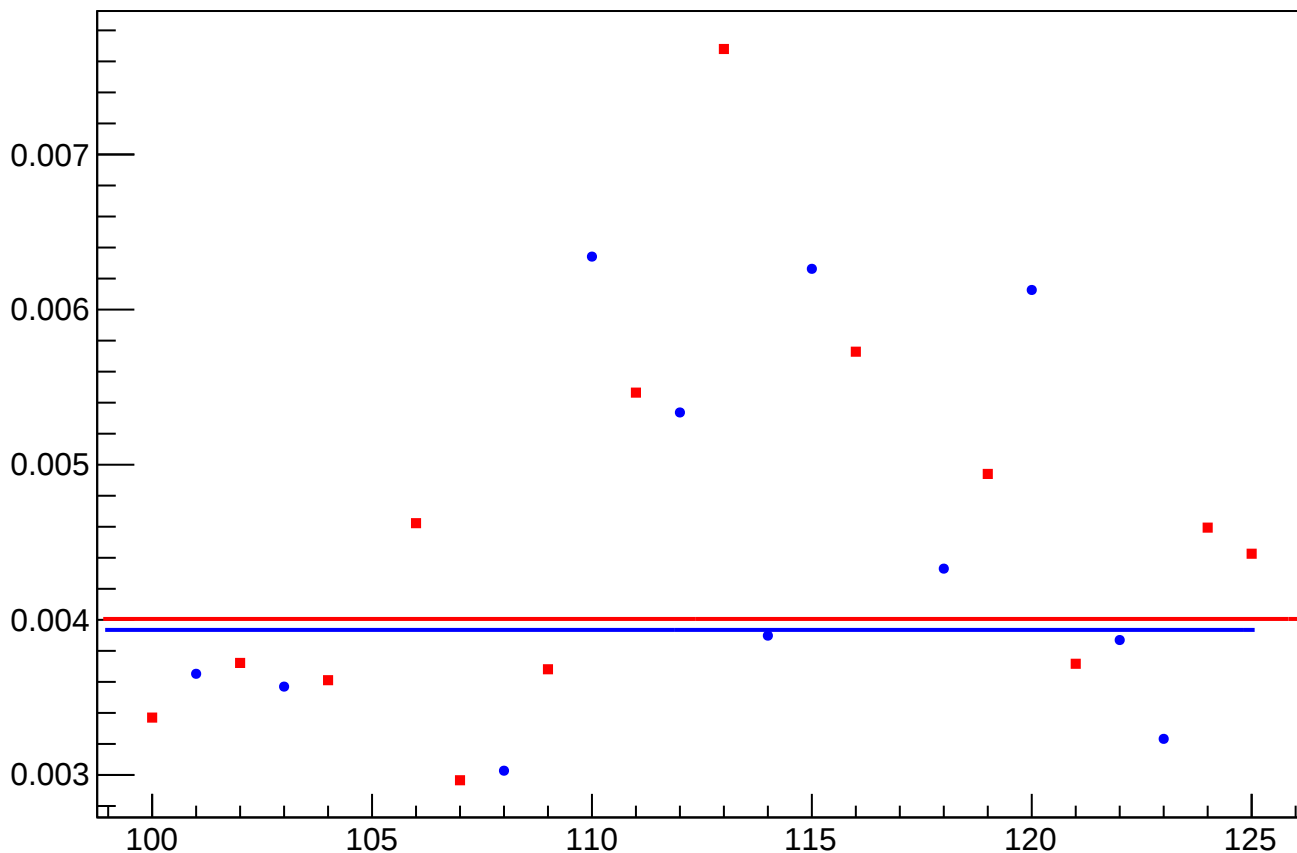
Right: -0.456+/-0.000 χ^2/NDF : 385216715.2/23

In: -0.462+/-0.000 χ^2/NDF : 21330849.1/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.456+/-0.000 χ^2/NDF : 385216715.2/23

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 343331.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 447587.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

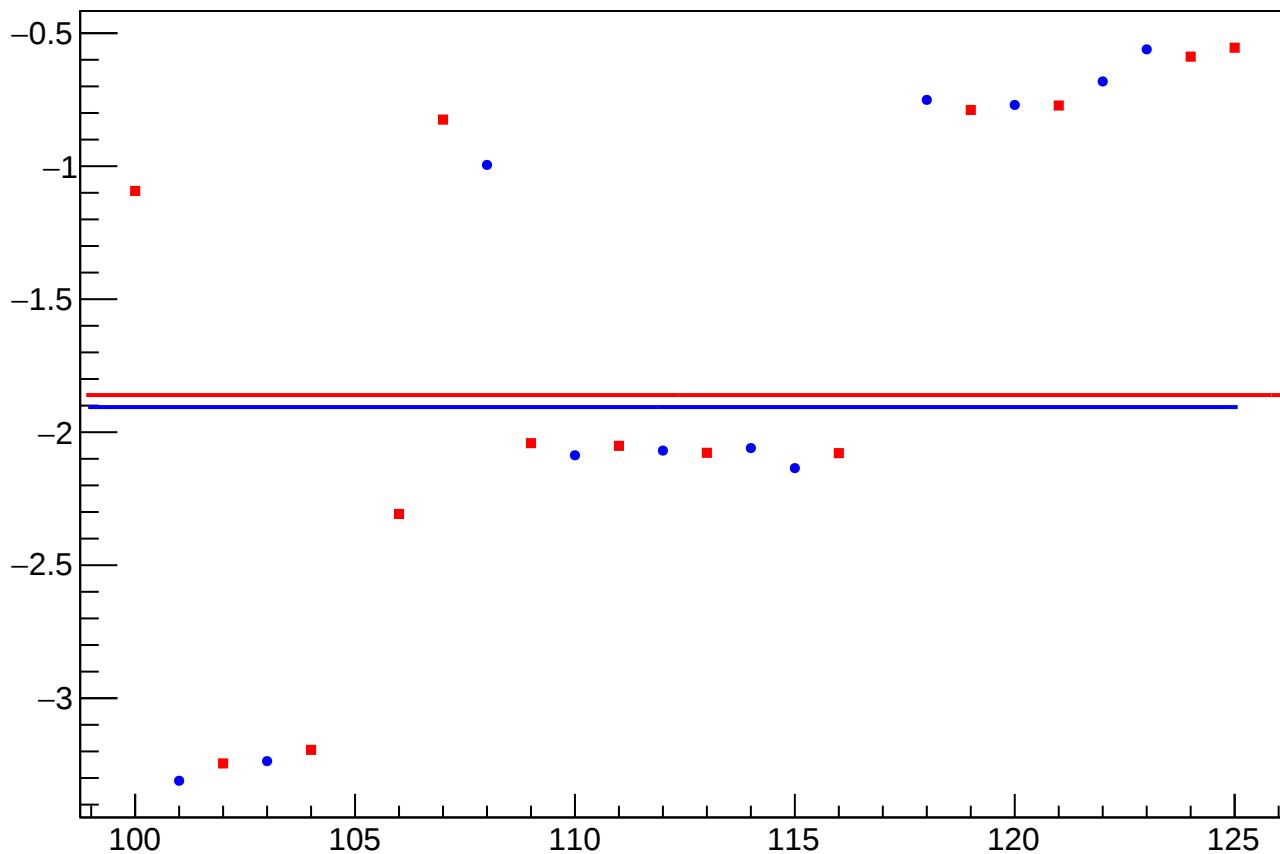
Right: 0.004+/-0.000 χ^2/NDF : 792072.6/23

In: 0.004+/-0.000 χ^2/NDF : 343331.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 792072.6/23

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -1.906+/-0.000 χ^2/NDF : 810873627.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.860+/-0.000 χ^2/NDF : 798737470.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

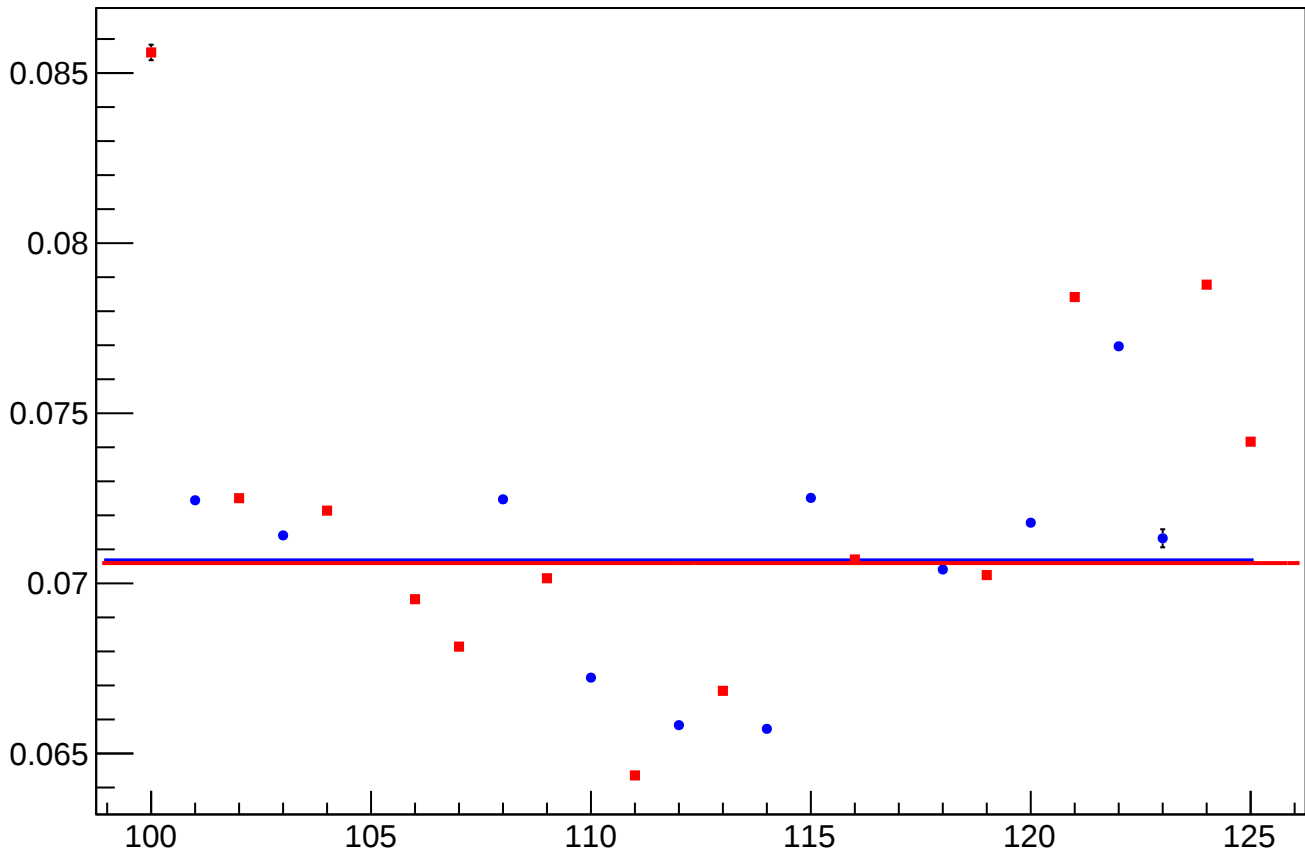
Right: -1.881+/-0.000 χ^2/NDF : 1610478177.0/23

In: -1.906+/-0.000 χ^2/NDF :810873627.8/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.881+/-0.000 χ^2/NDF : 1610478177.0/23

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.071+/-0.000 χ^2/NDF : 15215.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.071+/-0.000 χ^2/NDF : 29399.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

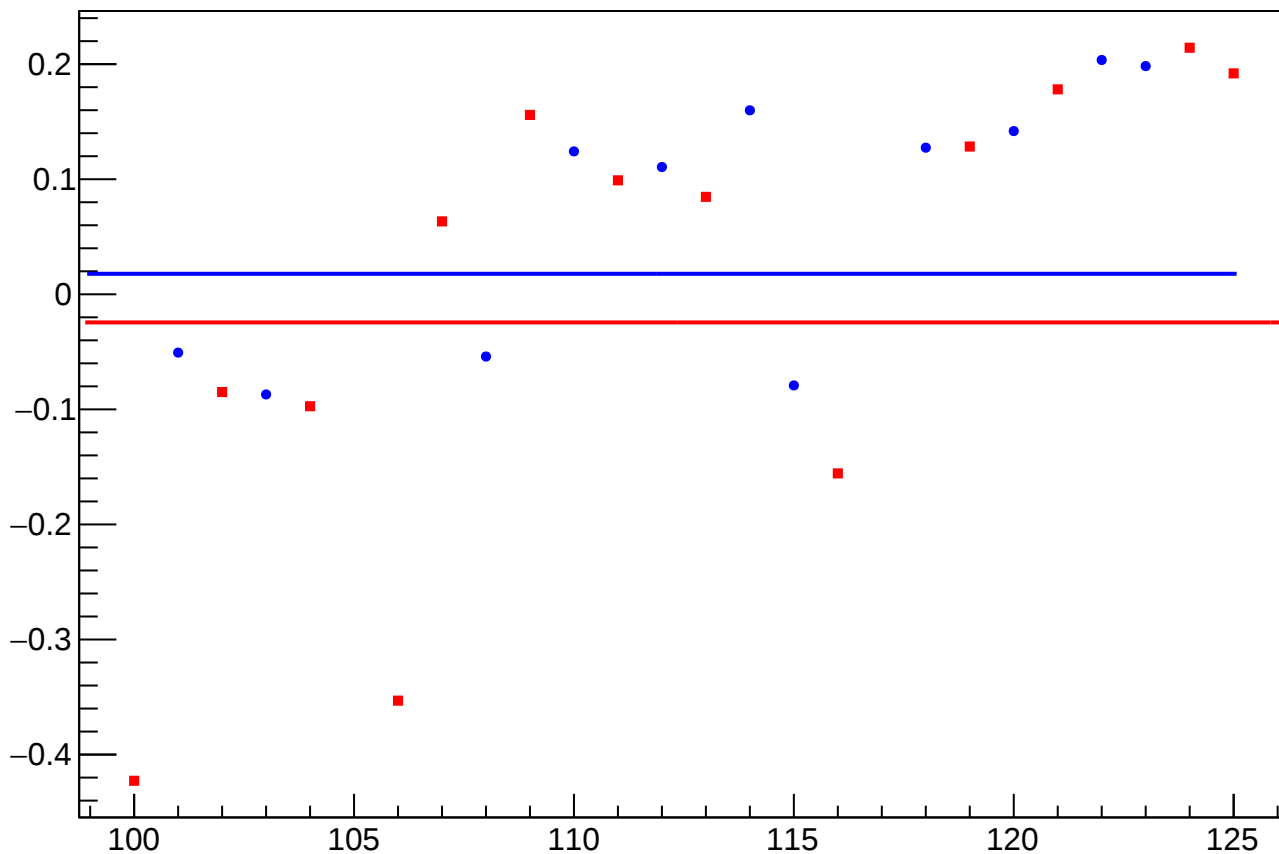
Right: 0.071+/-0.000 χ^2/NDF : 44619.6/23

In: 0.071+/-0.000 χ^2/NDF : 15215.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.071+/-0.000 χ^2/NDF : 44619.6/23

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 319632120.3/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.024+/-0.000 χ^2/NDF : 1022363350.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

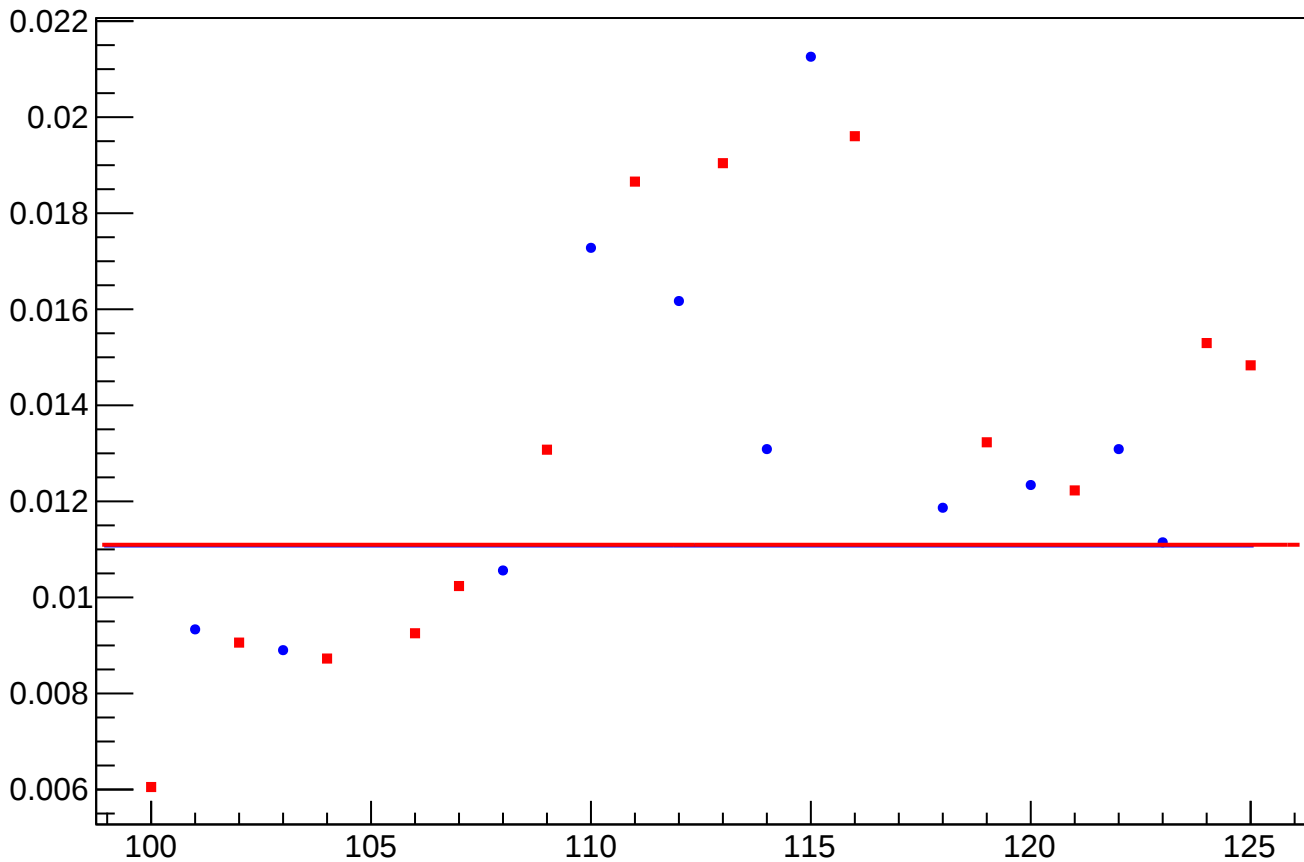
Right: -0.005+/-0.000 χ^2/NDF : 1368945576.8/23

In: 0.018+/-0.000 χ^2/NDF :319632120.3/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.005+/-0.000 χ^2/NDF : 1368945576.8/23

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 356407.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 708093.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

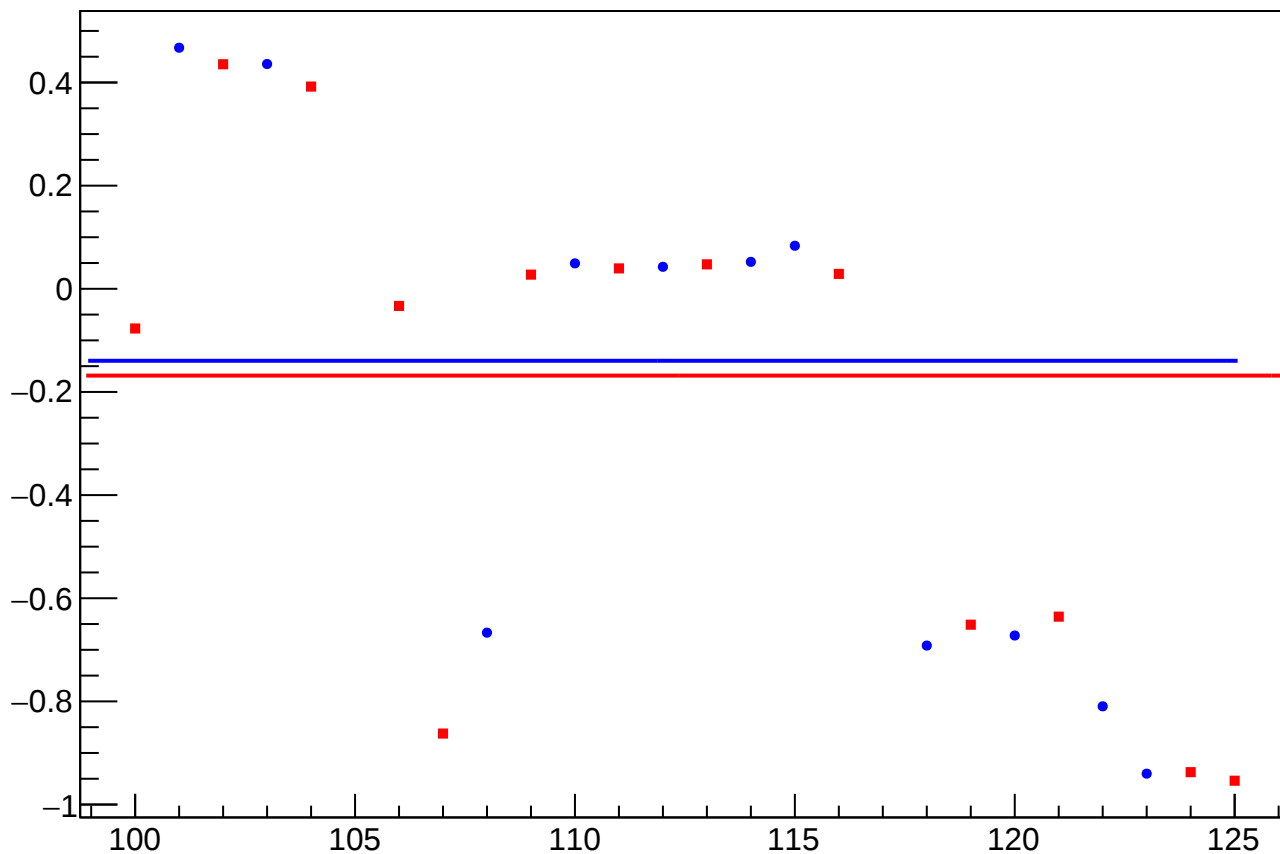
Right: 0.011+/-0.000 χ^2/NDF : 1064507.9/23

In: 0.011+/-0.000 χ^2/NDF : 356407.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 1064507.9/23

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: -0.140 ± 0.000 χ^2/NDF : 124360622.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.168 ± 0.000 χ^2/NDF : 136658422.3/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

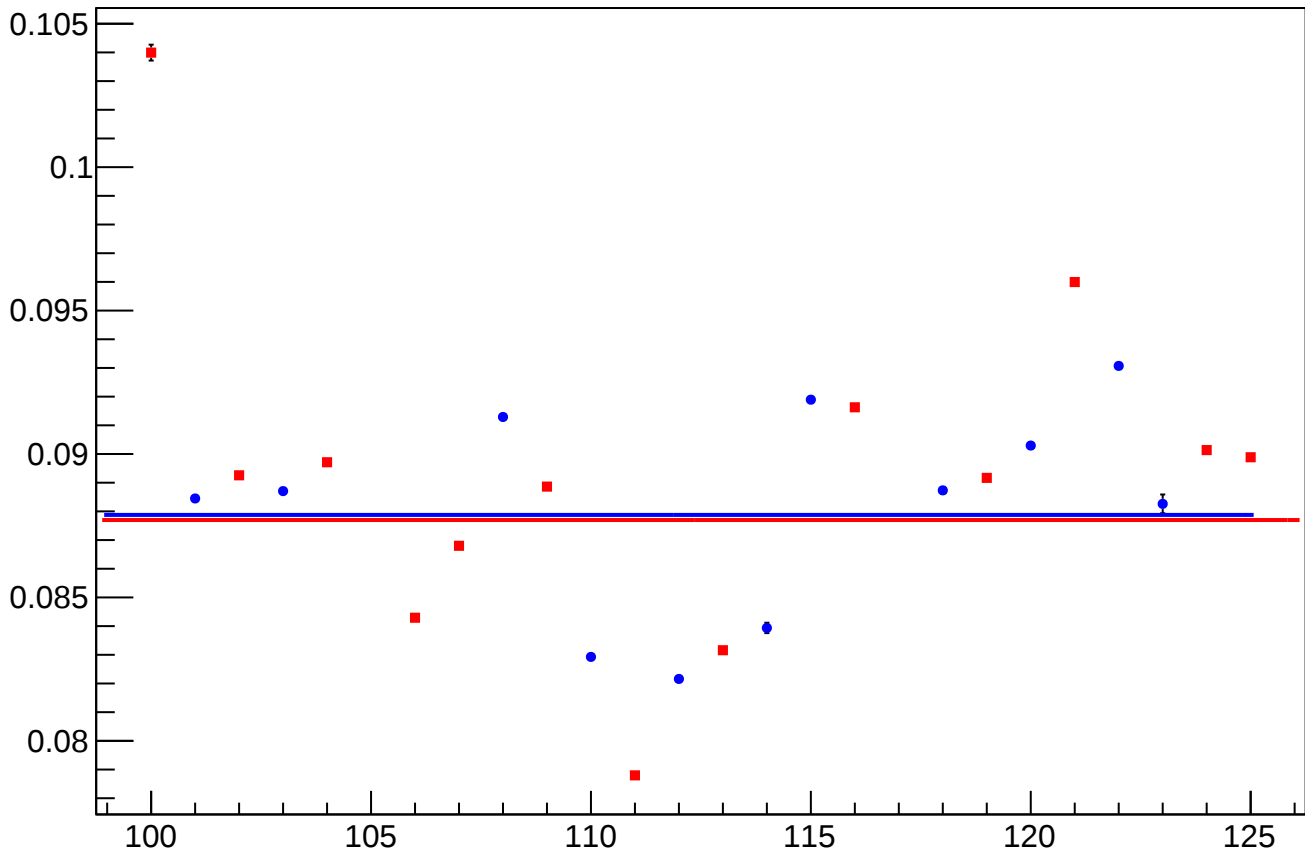
Right: -0.155 ± 0.000 χ^2/NDF : 261247859.9/23

In: -0.140 ± 0.000 χ^2/NDF : 124360622.0/10

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.155 ± 0.000 χ^2/NDF : 261247859.9/23

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.088+/-0.000 χ^2/NDF : 12448.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.088+/-0.000 χ^2/NDF : 26682.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

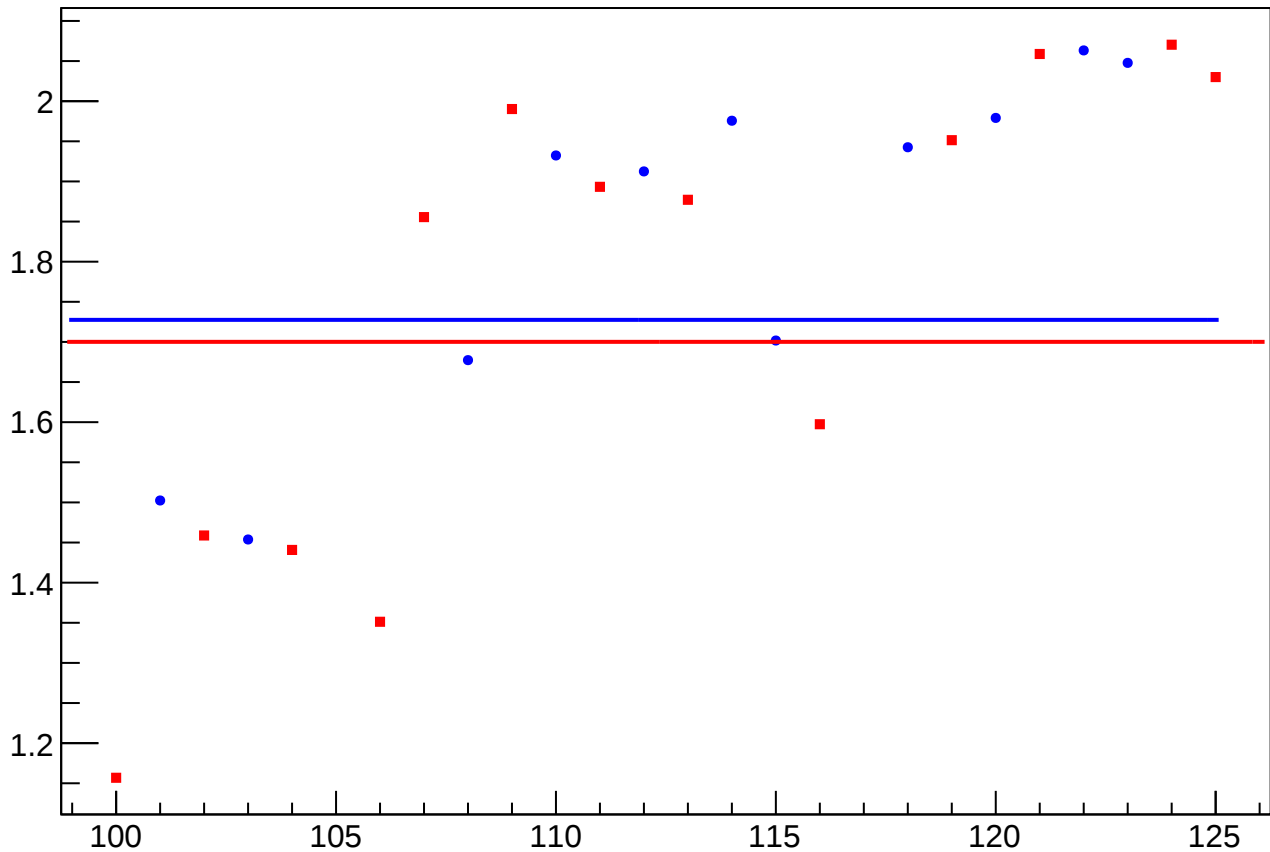
Right: 0.088+/-0.000 χ^2/NDF : 39148.5/23

In: 0.088+/-0.000 χ^2/NDF : 12448.8/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.088+/-0.000 χ^2/NDF : 39148.5/23

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.728+/-0.000 χ^2/NDF : 839097005.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.700+/-0.000 χ^2/NDF : 1375329763.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

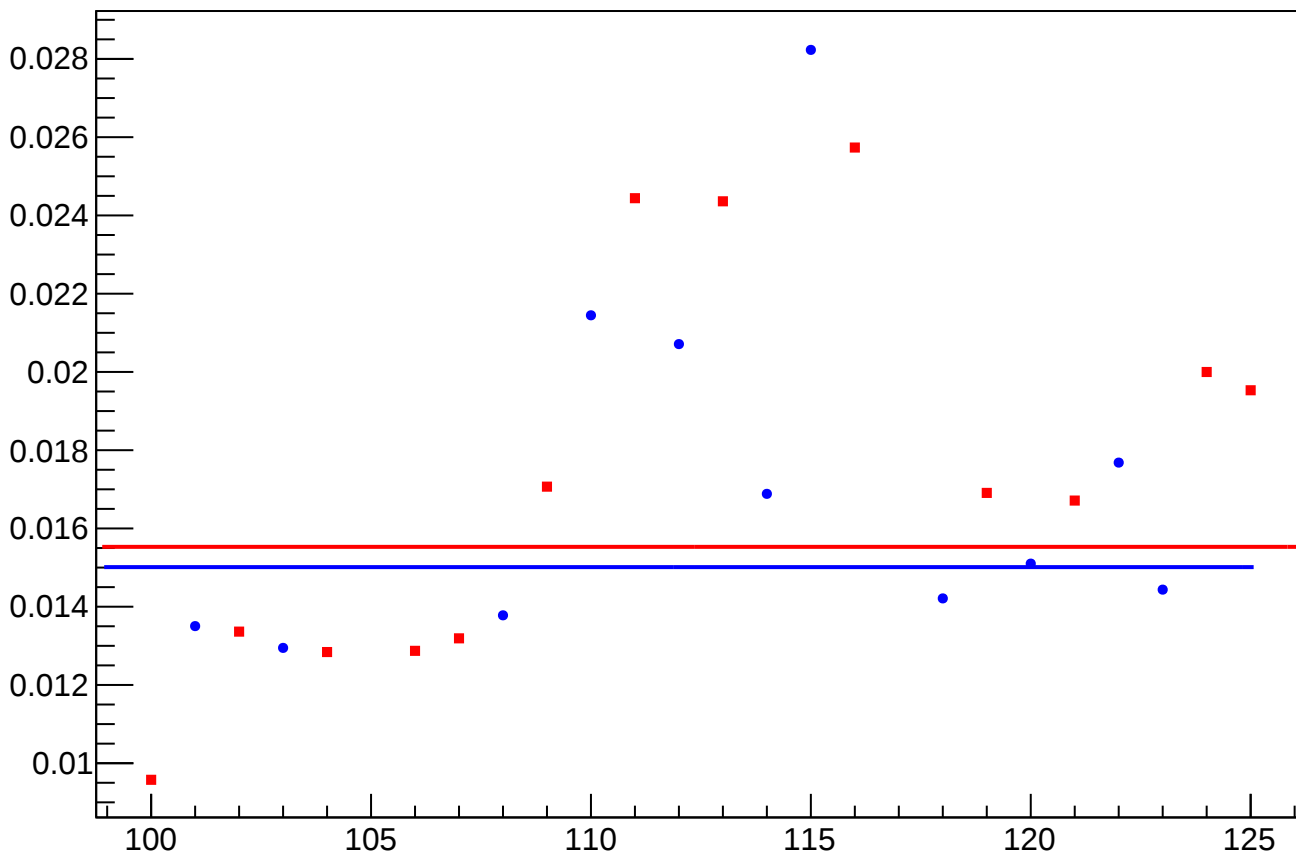
Right: 1.713+/-0.000 χ^2/NDF : 2220528635.8/23

In: 1.728+/-0.000 χ^2/NDF : 839097005.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.713+/-0.000 χ^2/NDF : 2220528635.8/23

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 240283.9/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 499296.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

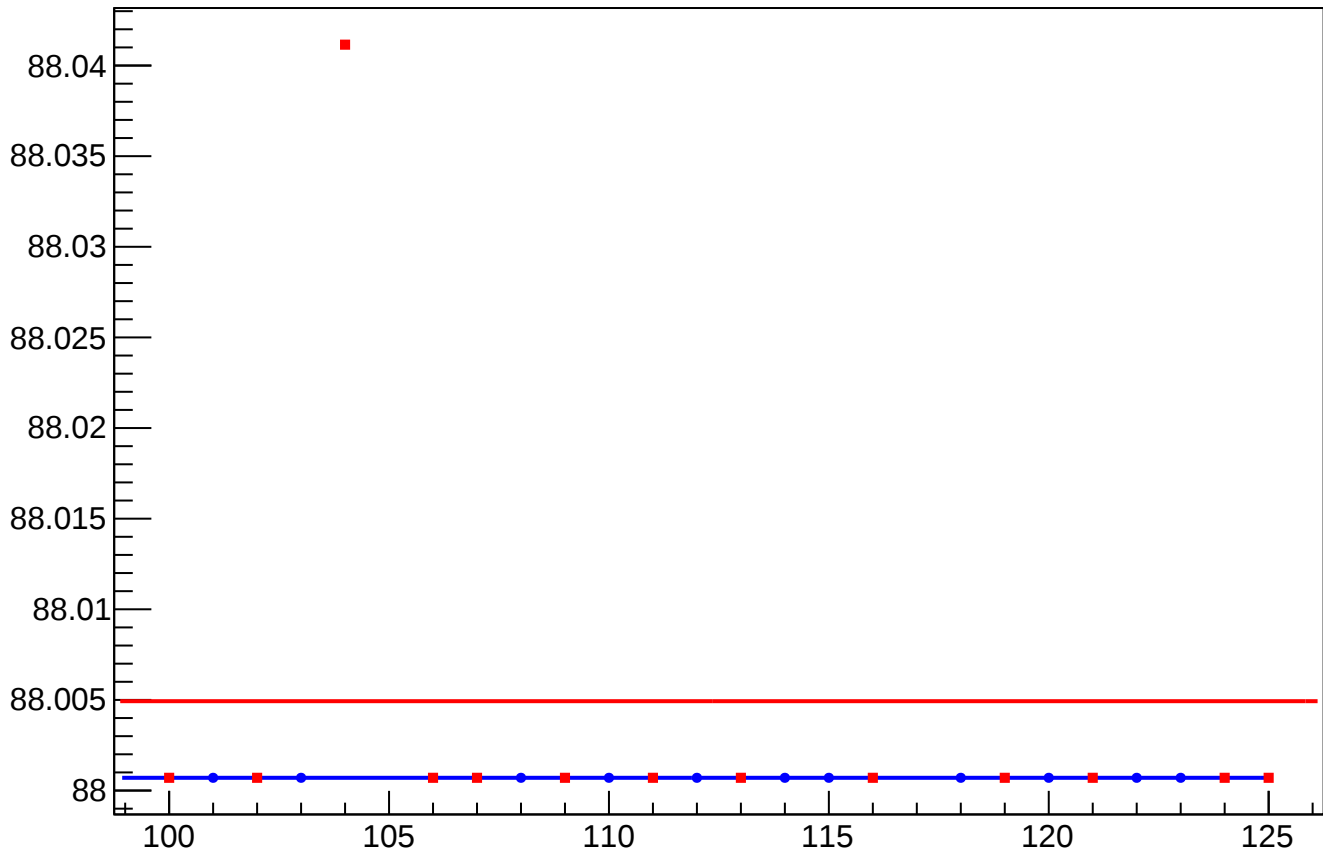
Right: 0.015+/-0.000 χ^2/NDF : 743942.0/23

In: 0.015+/-0.000 χ^2/NDF :240283.9/10

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.000 χ^2/NDF : 743942.0/23

epics_VWienAngles_mean vs Slug, Sign Corrected



Right In: 88.001+/-0.000 χ^2/NDF : 922904.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.005+/-0.000 χ^2/NDF : 74719695460198035227915845632.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

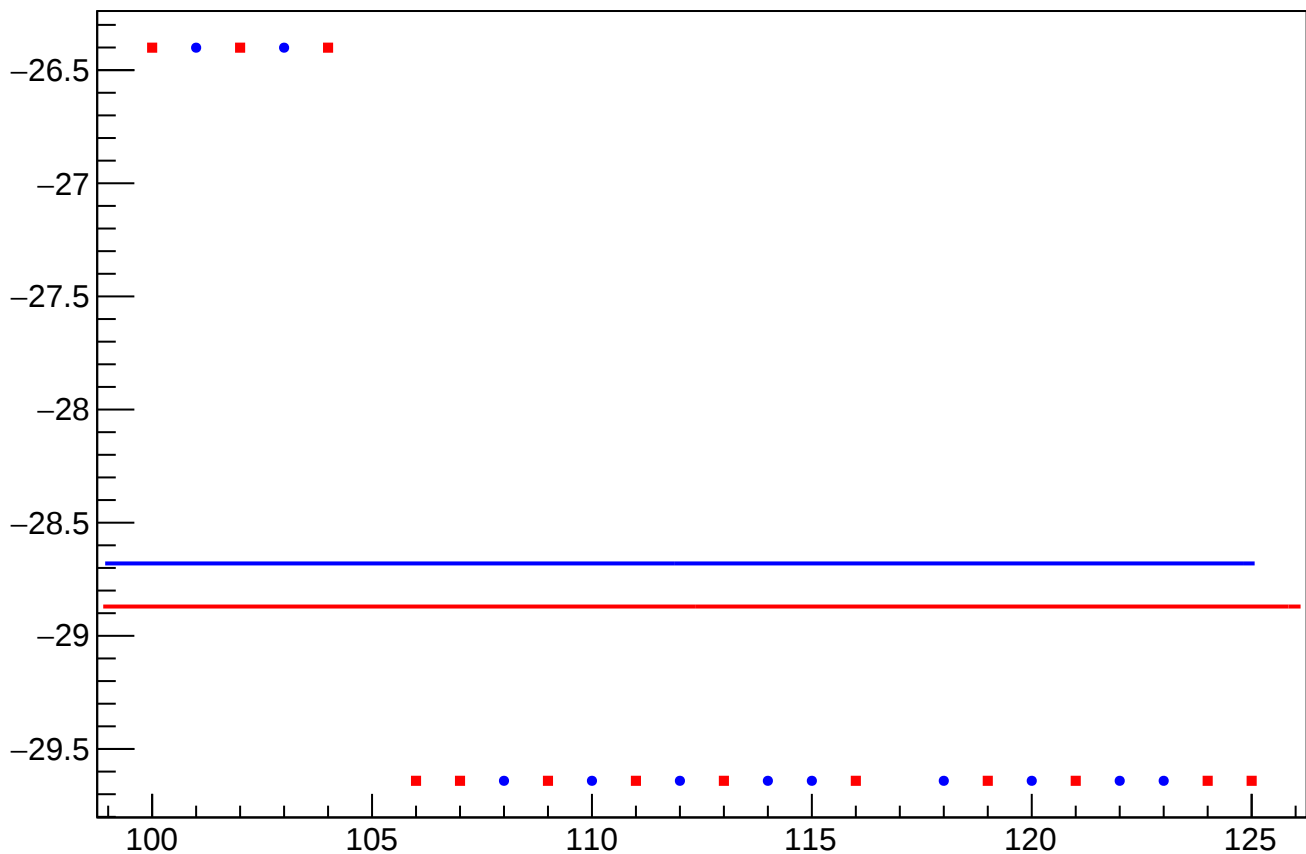
Right: 88.003+/-0.000 χ^2/NDF : 7863687233944342

In: 88.001+/-0.000 χ^2/NDF : 922904.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

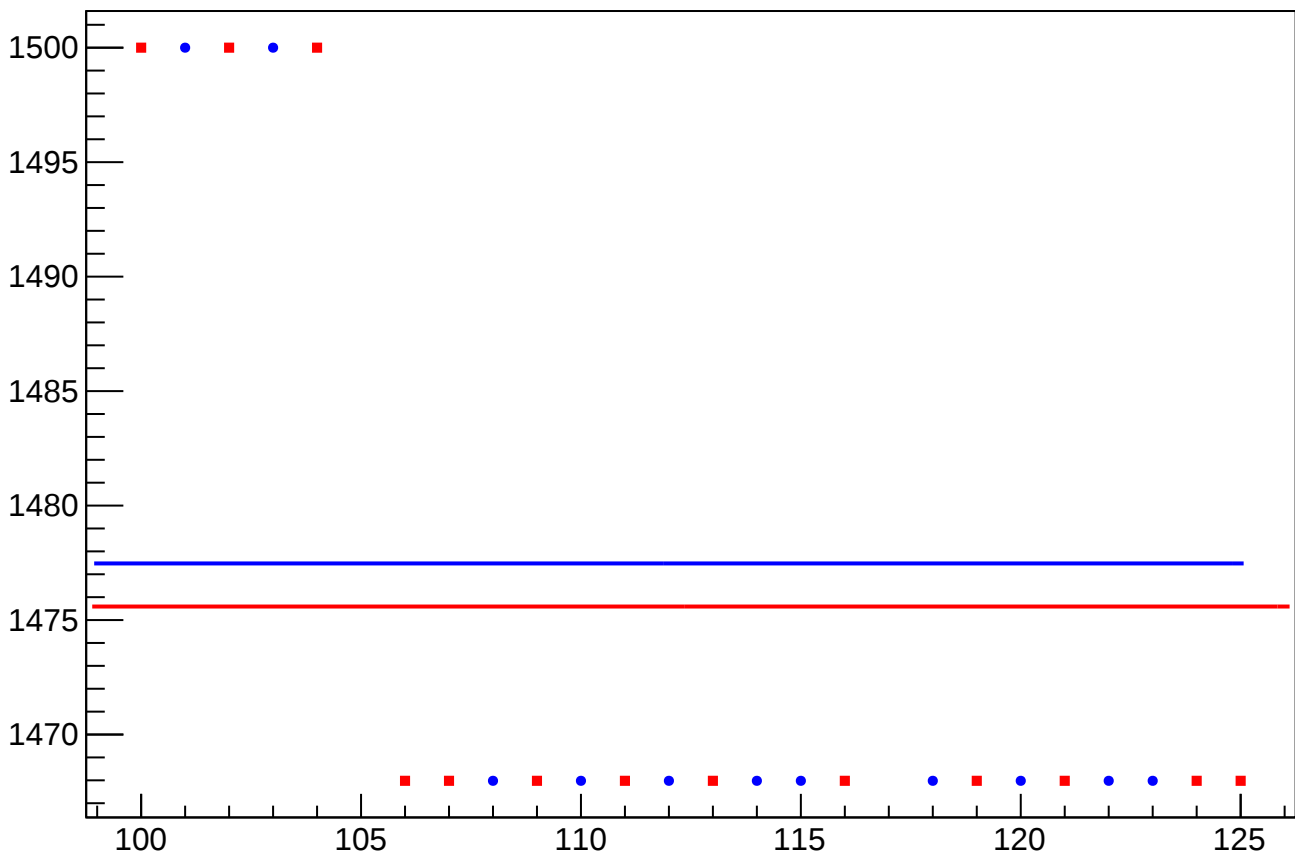
All: 88.003+/-0.000 χ^2/NDF : 7863687233944

epics_HWienAngles_mean vs Slug, Sign Corrected



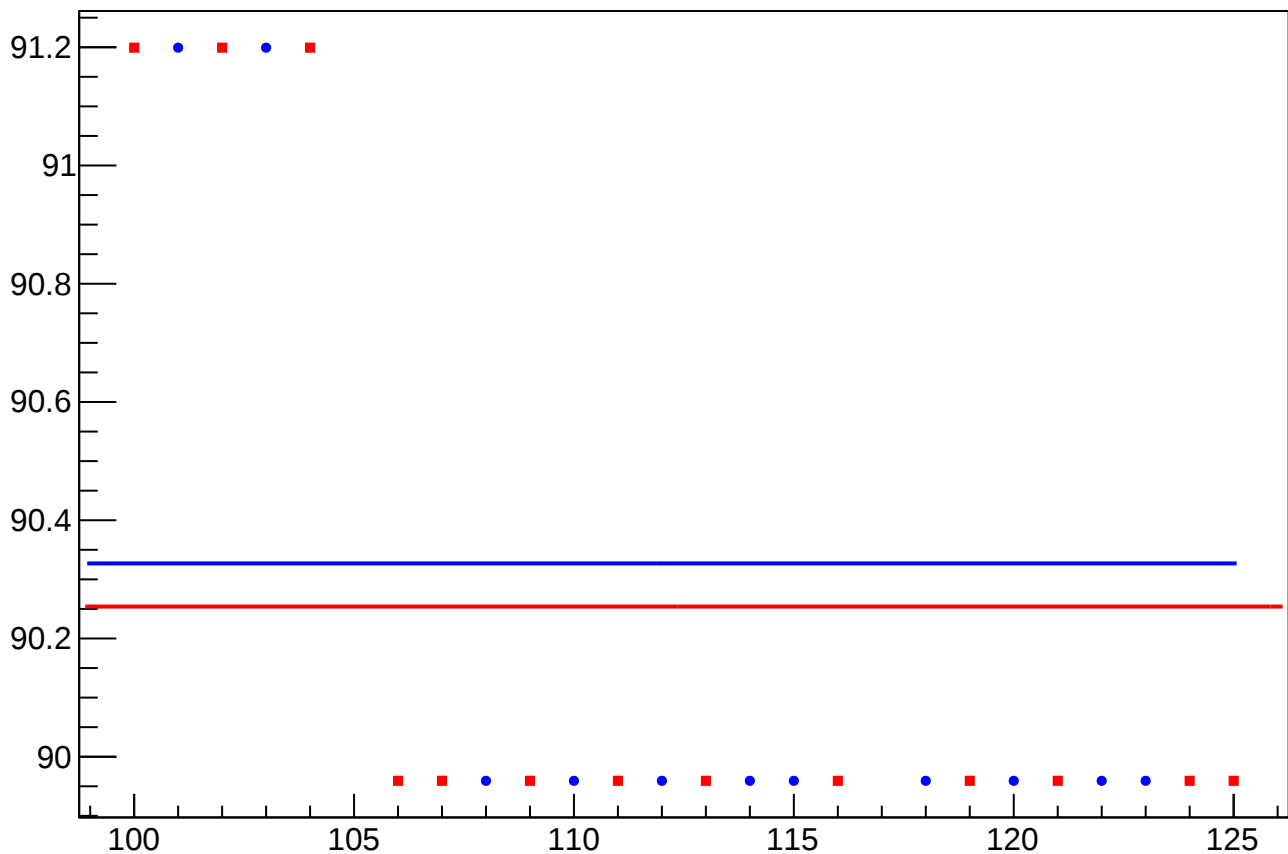
Right In: -28.680+/-0.000 χ^2/NDF : 871459055276398367939593729212416.0/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -28.871+/-0.000 χ^2/NDF : 928263186885252811586620719366144.0/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -28.785+/-0.000 χ^2/NDF : 180767250203162

epics_psub_pl_poss_mean vs Slug, Sign Corrected



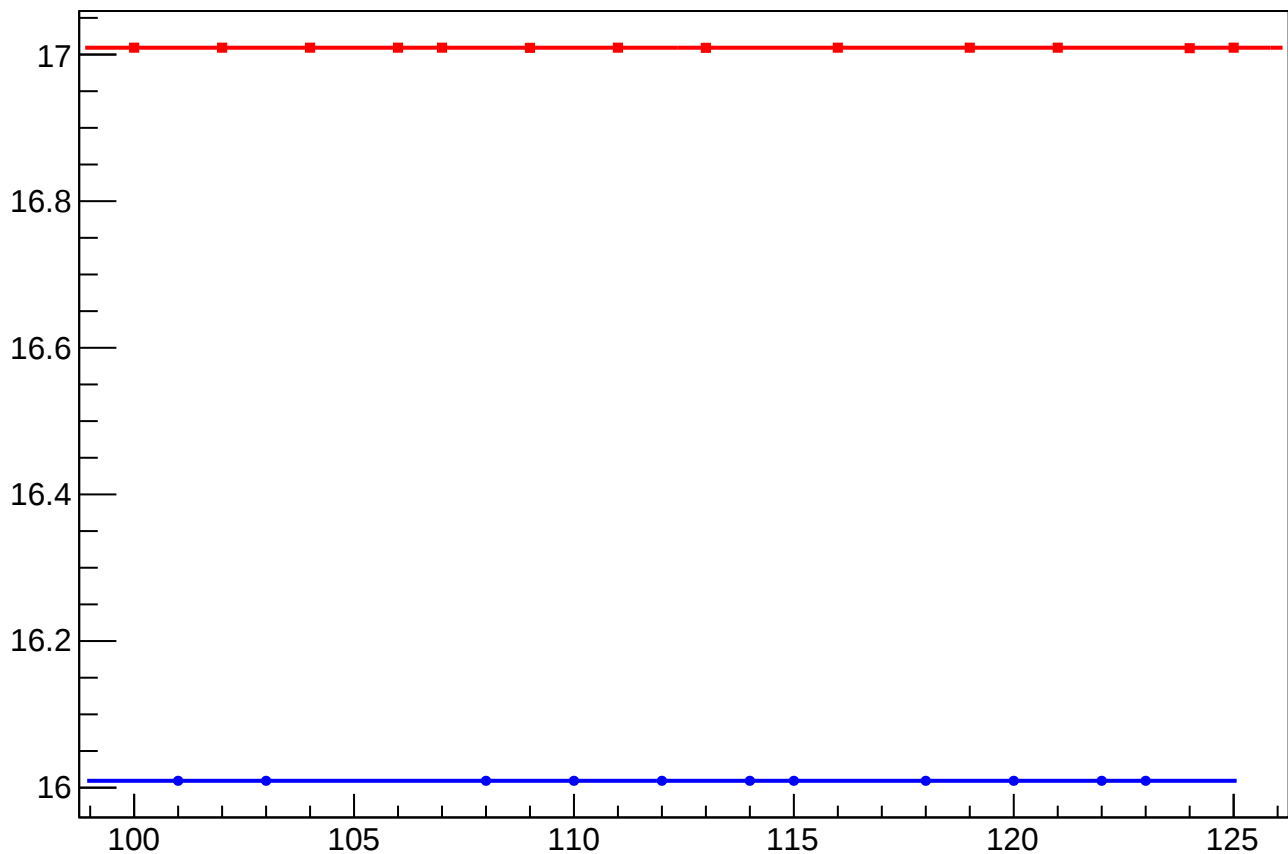
Right In: 1477.473+/-0.000 χ^2/NDF : 85121205878979310066992086943531008.0/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 1475.591+/-0.000 χ^2/NDF : 90669643470145608659940424443494400.0/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1476.436+/-0.000 χ^2/NDF : 17656740414316

epics_Phi_FGs_mean vs Slug, Sign Corrected



Right In: 90.327+/-0.000 χ^2/NDF : 127643979899517640628676037967872.0/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 90.254+/-0.000 χ^2/NDF : 135964170491830468067971213295616.0/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 90.287+/-0.000 χ^2/NDF : 2647726374718305

epics_IGL1I00DI24_24Ms_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2/NDF : 26808.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.009+/-0.000 χ^2/NDF : 9088428984971206355582976.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

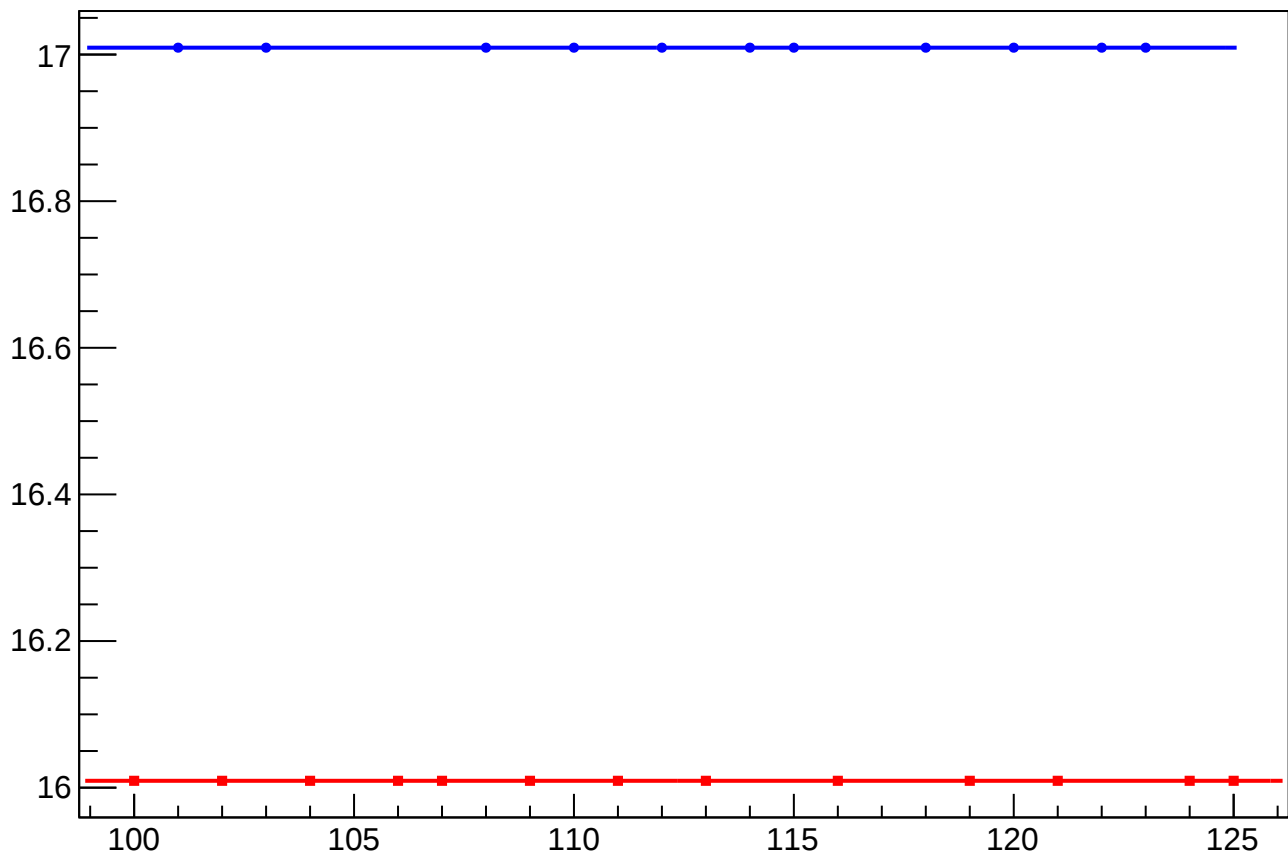
Right: 16.536+/-0.000 χ^2/NDF : 2063888384497608

In: 16.009+/-0.000 χ^2/NDF : 26808.6/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.536+/-0.000 χ^2/NDF : 2063888384497

epics_IGL1I00OD16_16s_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2/NDF : 37095.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.009+/-0.000 χ^2/NDF : 18263.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

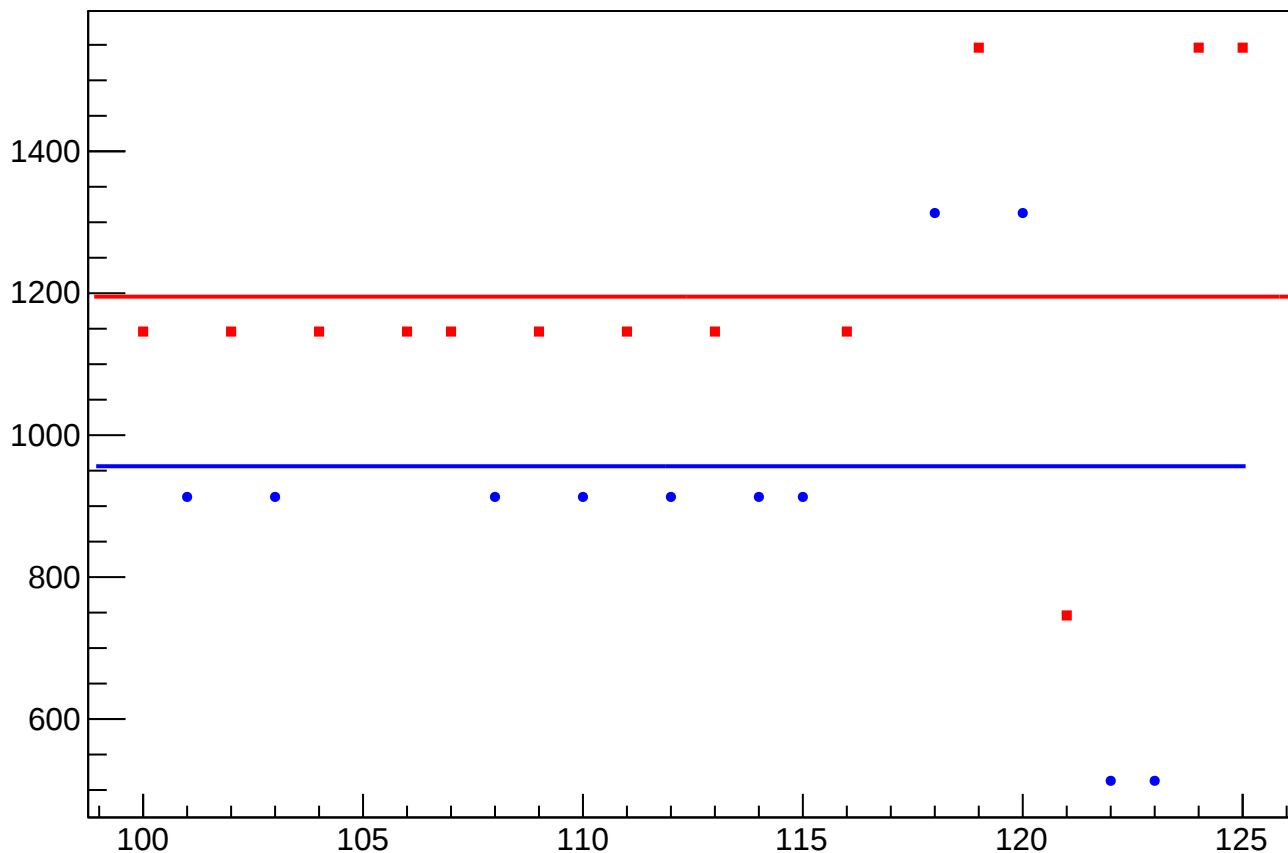
Right: 16.441+/-0.000 χ^2/NDF : 2078465171192371

In: 17.009+/-0.000 χ^2/NDF : 37095.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

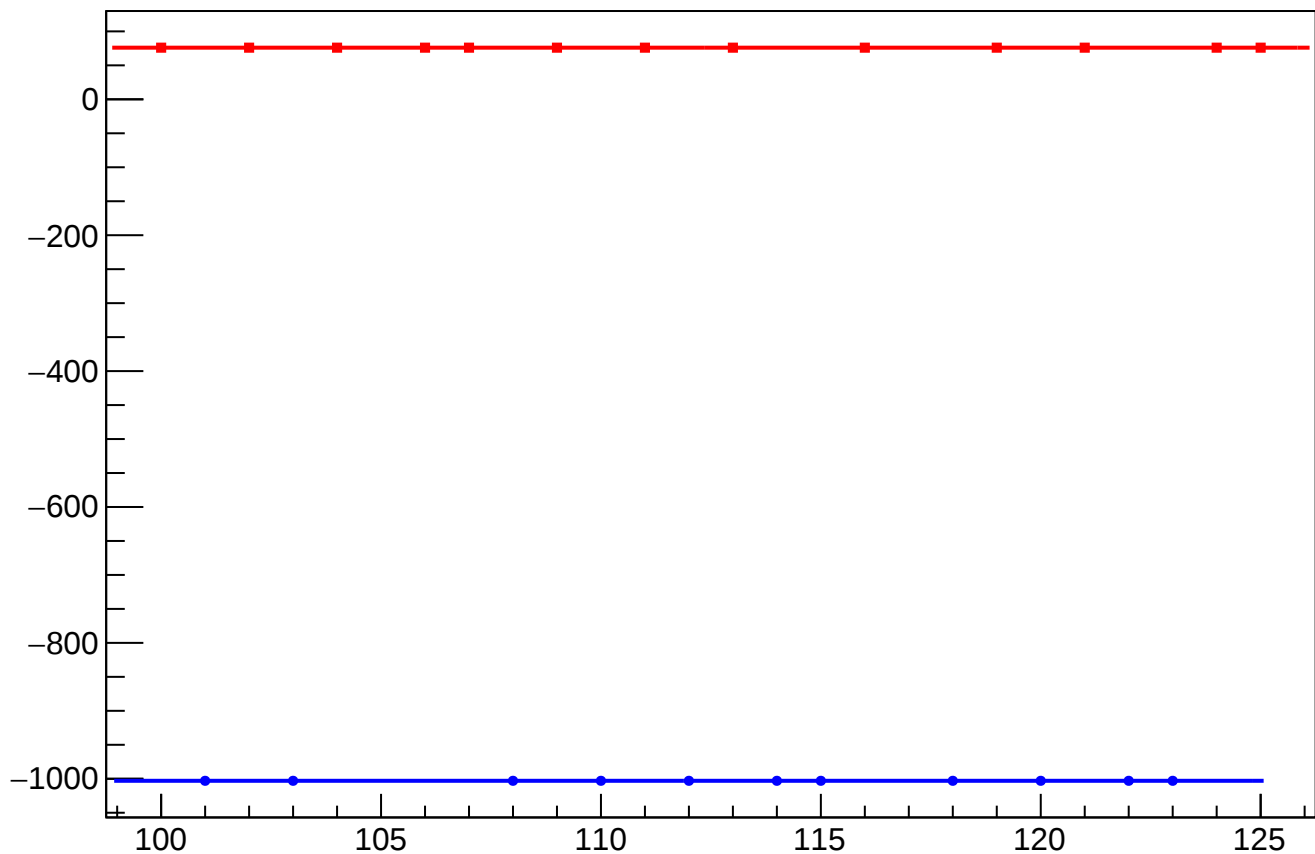
All: 16.441+/-0.000 χ^2/NDF : 2078465171192371

epics_RTPAPOSUCNTs_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: 956.213+/-0.000 χ^2/NDF : 20537942747267001168496703909239193600.0/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 1087.839+/-0.000 χ^2/NDF : 53957581628855
 In: 956.213+/-0.000 χ^2/NDF : 20537942747267001168496703909239193600.0/10
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1087.839+/-0.000 χ^2/NDF : 53957581628855

epics_RTPAPOSVCNTs_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: -1002.990+/-0.000 χ^2 /NDF: 1515161241424557614336835584.0/10
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right Out: 76.010+/-0.000 χ^2 /NDF: 1365799288463313336690278400.0/12
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: -1002.990+/-0.000 χ^2 /NDF: 1515161241424557614336835584.0/10
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: -408.687+/-0.000 χ^2 /NDF: 25521822996238