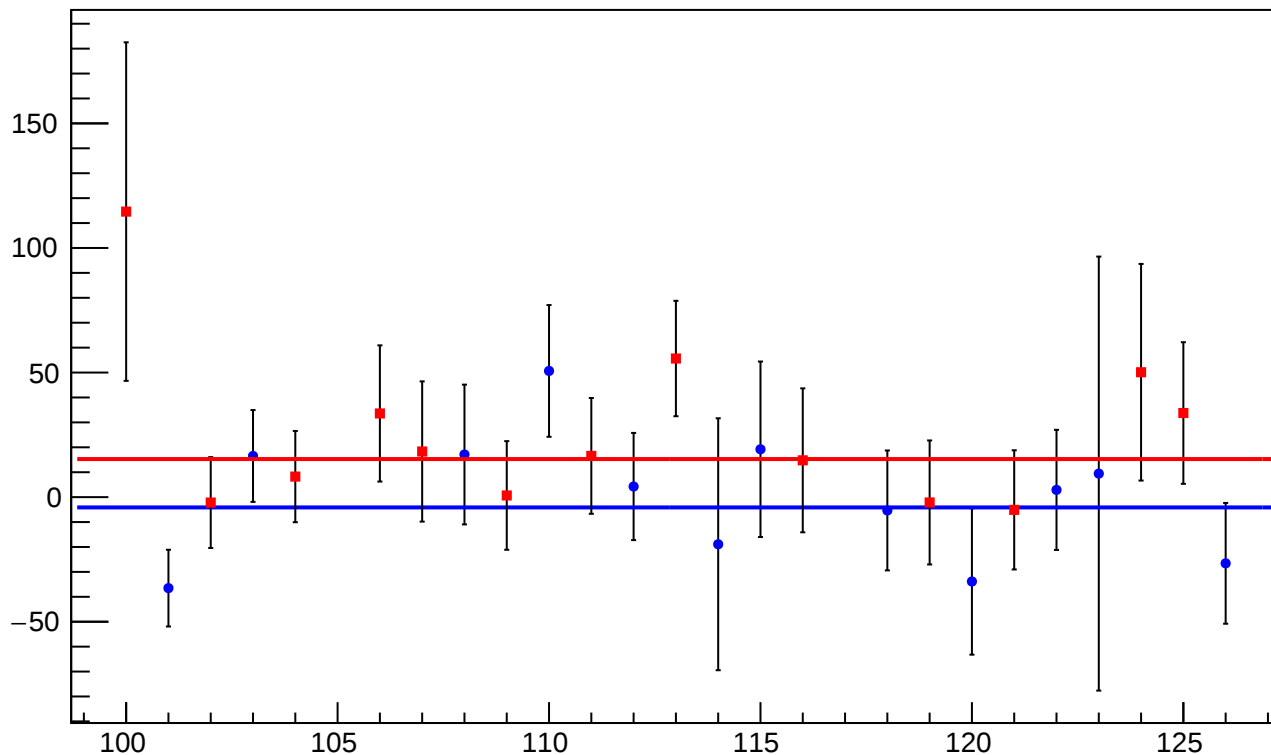


diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -4.127+/-7.131

χ^2/NDF : 13.2/11

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 15.288+/-6.907

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: 5.890+/-4.961

χ^2/NDF : 26.5/24

In: -4.127+/-7.131

χ^2/NDF : 13.2/11

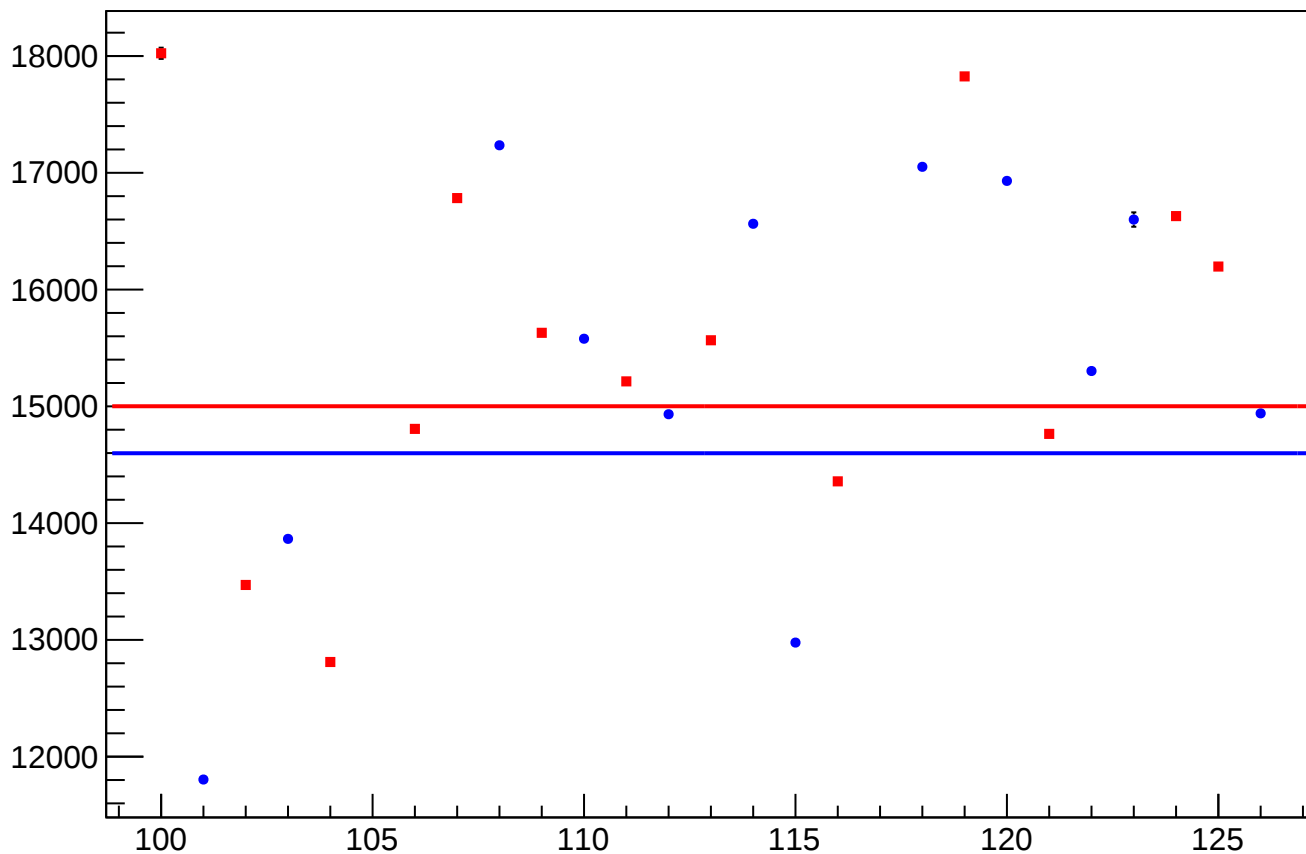
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 5.890+/-4.961

χ^2/NDF : 26.5/24

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 14598.473+/-5.042 χ^2/NDF : 133741.7/11

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

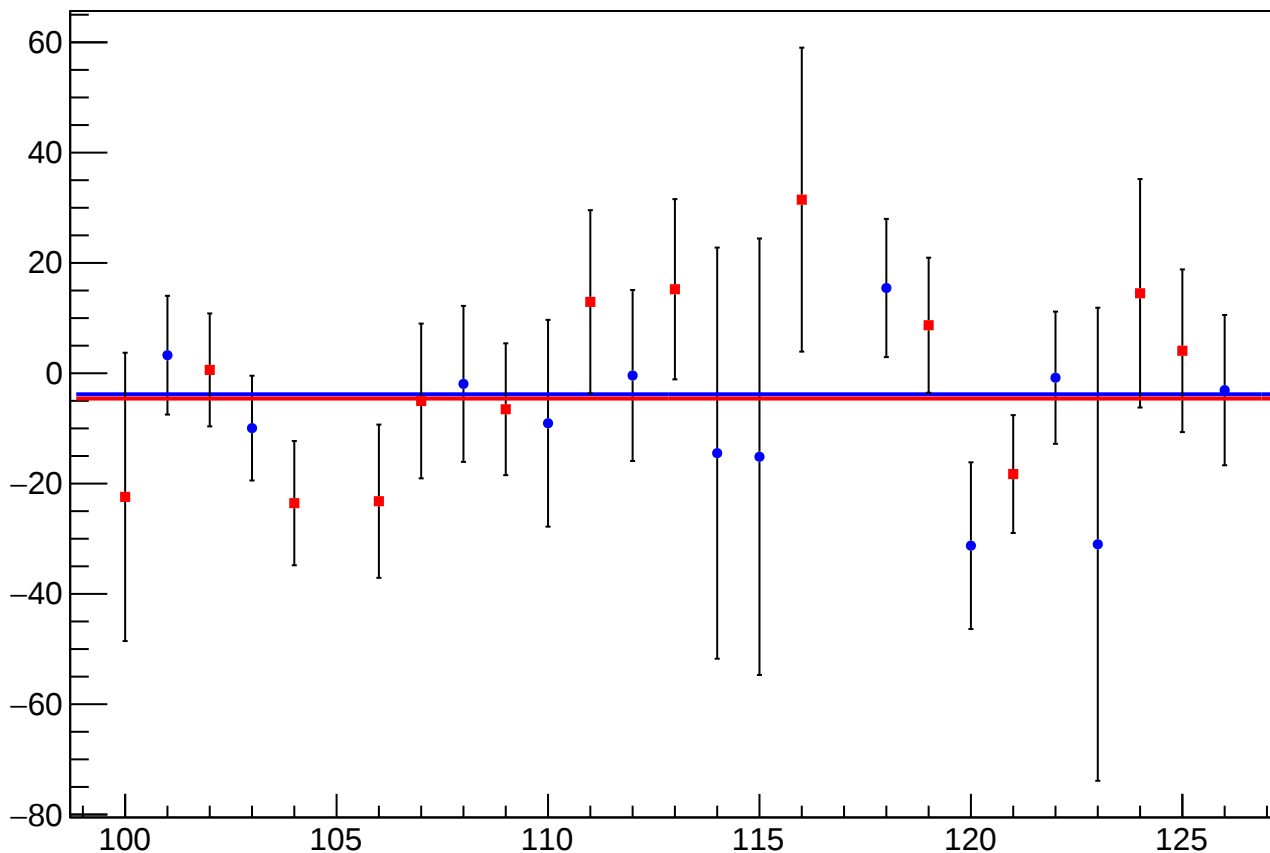
Right: 14806.105+/-3.508 χ^2/NDF : 228158.0/24

In: 14598.473+/-5.042 χ^2/NDF : 133741.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14806.105+/-3.508 χ^2/NDF : 228158.0/24

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -3.816+/-4.199 χ^2/NDF : 7.3/11

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

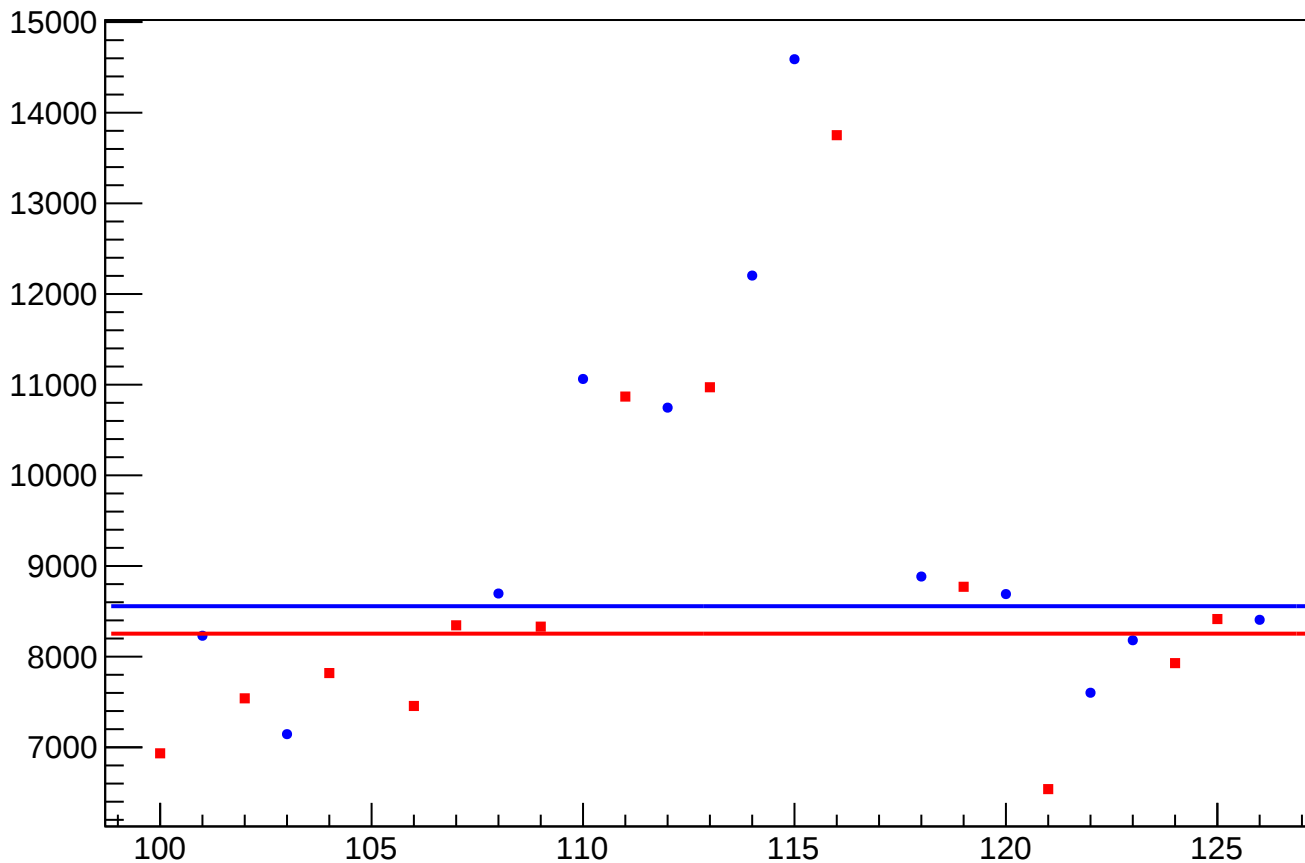
Right: -4.235+/-2.841 χ^2/NDF : 21.0/24

In: -3.816+/-4.199 χ^2/NDF : 7.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.235+/-2.841 χ^2/NDF : 21.0/24

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8556.524+/-2.969 χ^2/NDF : 202140.8/11

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

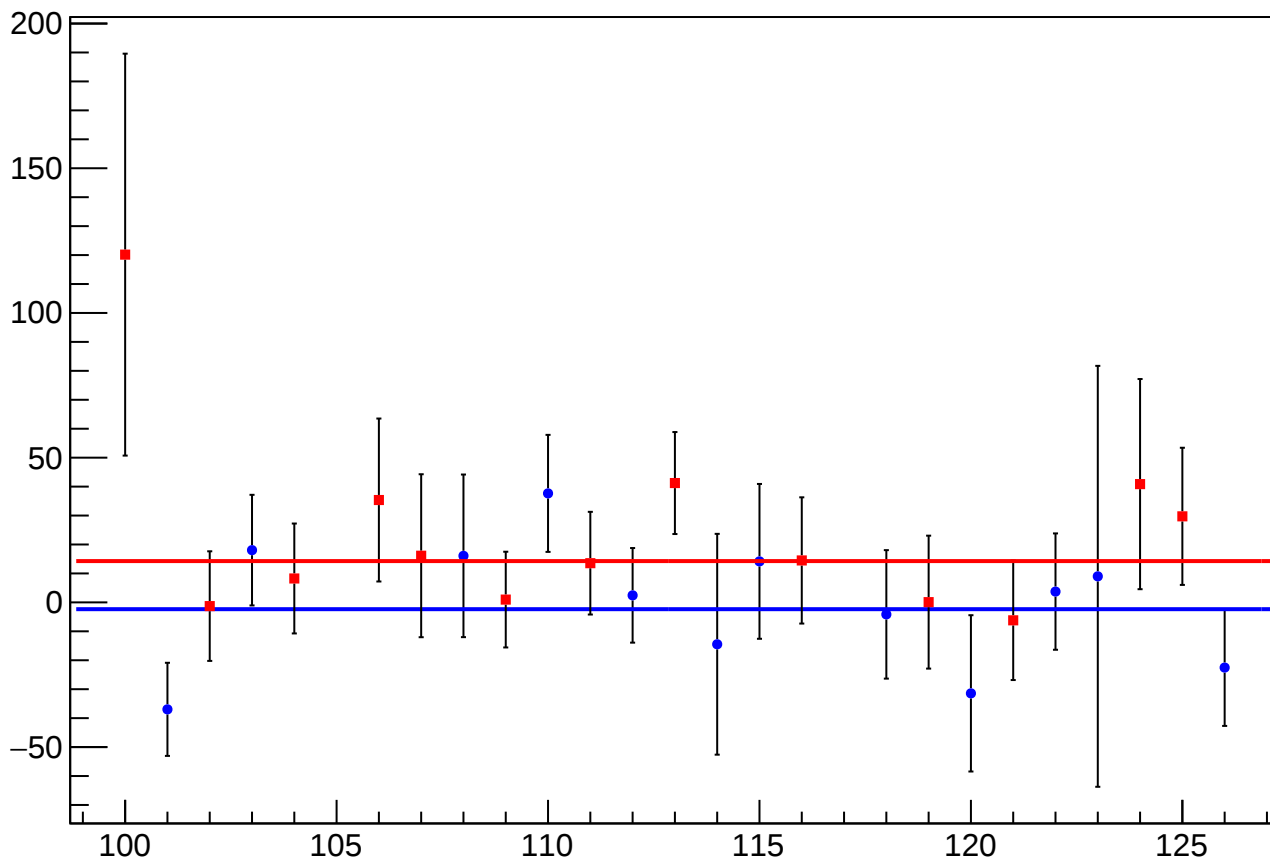
Right: 8392.275+/-2.009 χ^2/NDF : 472573.2/24

In: 8556.524+/-2.969 χ^2/NDF : 202140.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8392.275+/-2.009 χ^2/NDF : 472573.2/24

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: -2.350+/-6.367 χ^2/NDF : 13.0/11

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

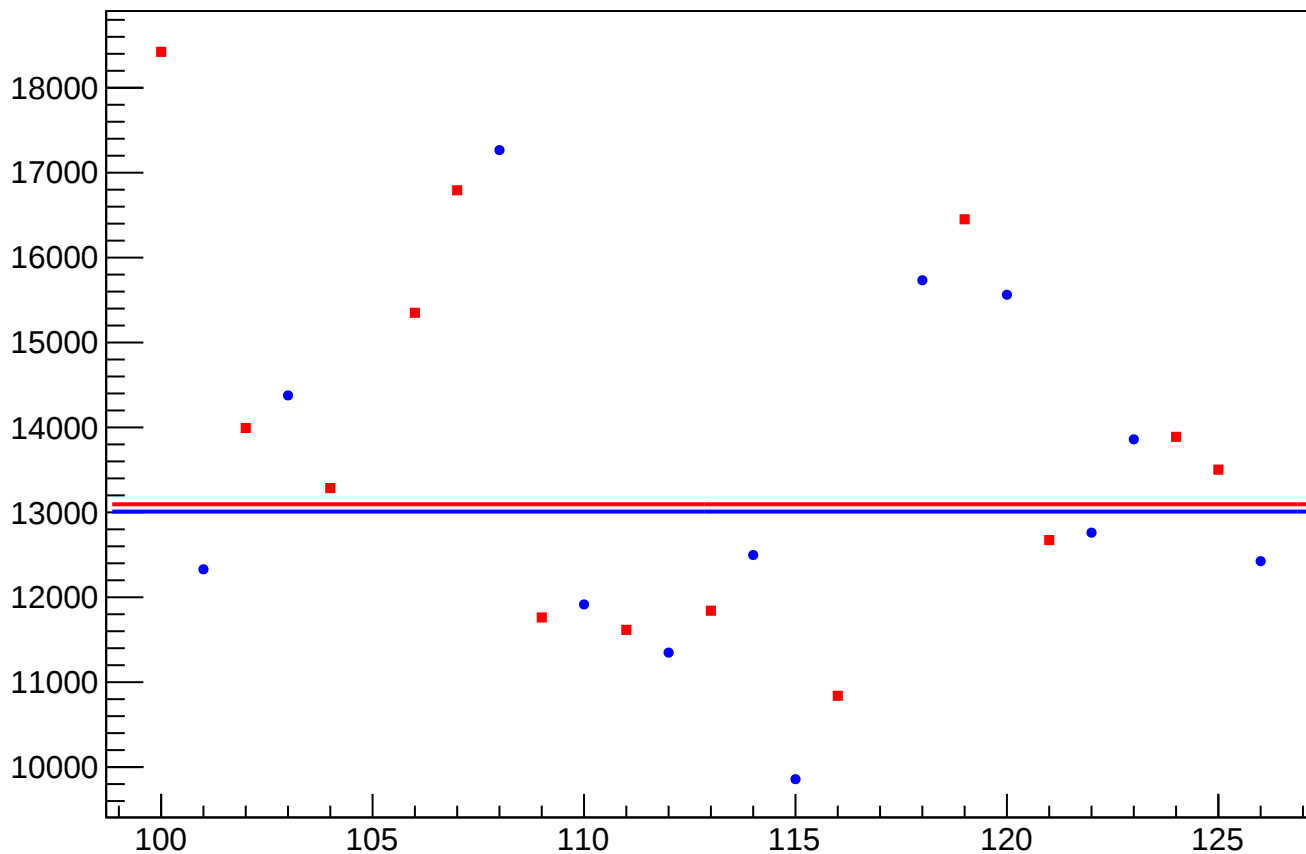
Right: 6.369+/-4.389 χ^2/NDF : 25.5/24

In: -2.350+/-6.367 χ^2/NDF : 13.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.369+/-4.389 χ^2/NDF : 25.5/24

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13009.311+/-4.502 χ^2/NDF : 164617.4/11

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

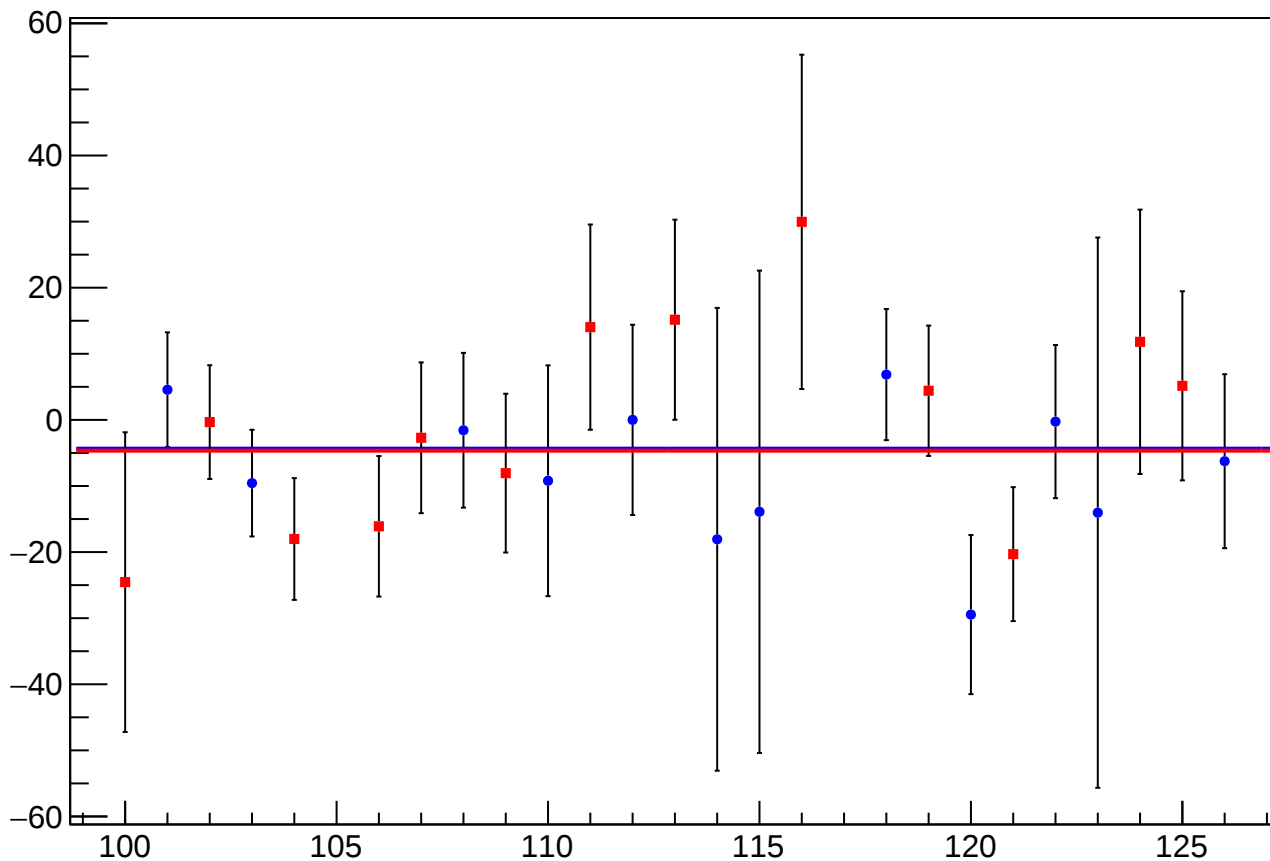
Right: 13054.300+/-3.104 χ^2/NDF : 332129.0/24

In: 13009.311+/-4.502 χ^2/NDF : 164617.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13054.300+/-3.104 χ^2/NDF : 332129.0/24

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -4.355+/-3.616 χ^2/NDF : 7.7/11

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

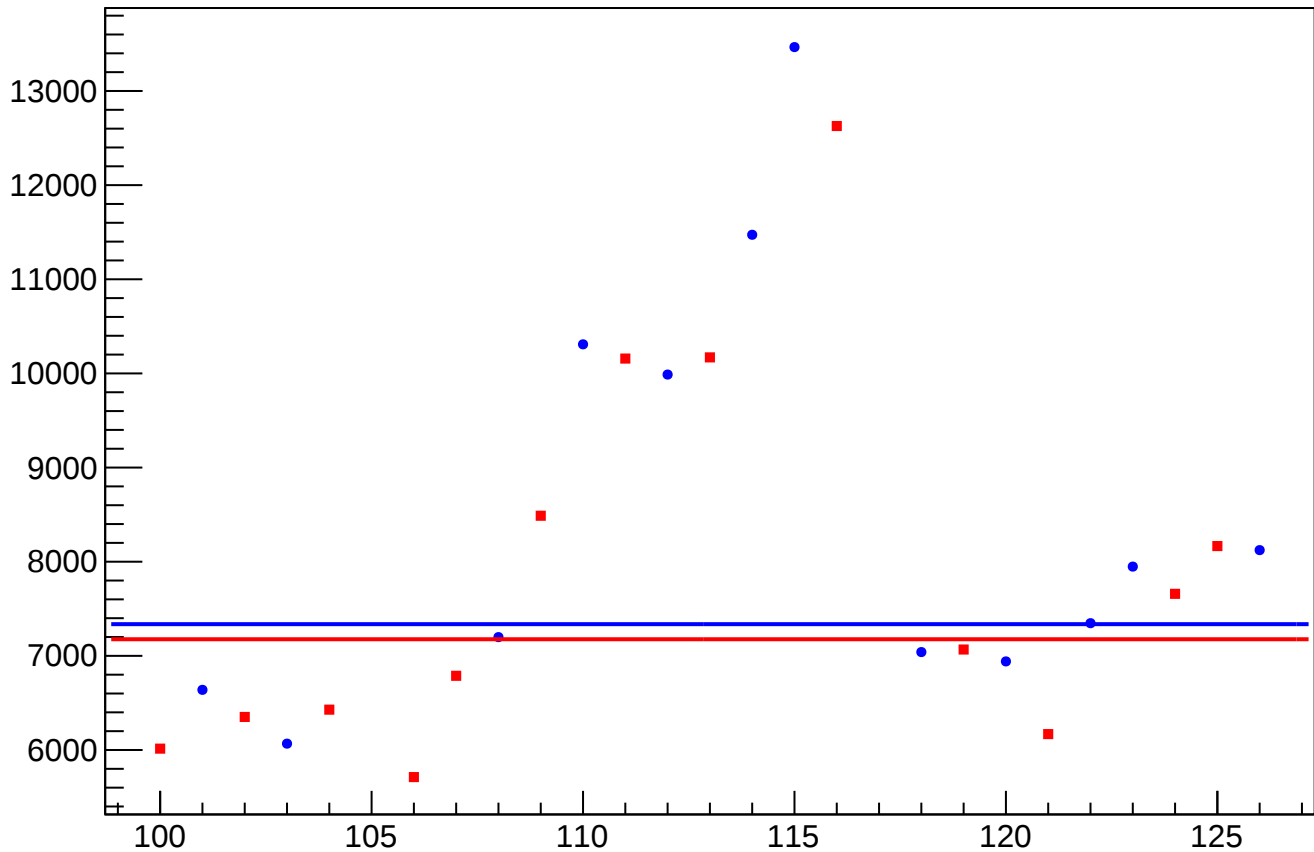
Right: -4.515+/-2.464 χ^2/NDF : 21.6/24

In: -4.355+/-3.616 χ^2/NDF :7.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.515+/-2.464 χ^2/NDF : 21.6/24

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7336.624+/-2.557 χ^2/NDF : 284438.8/11

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

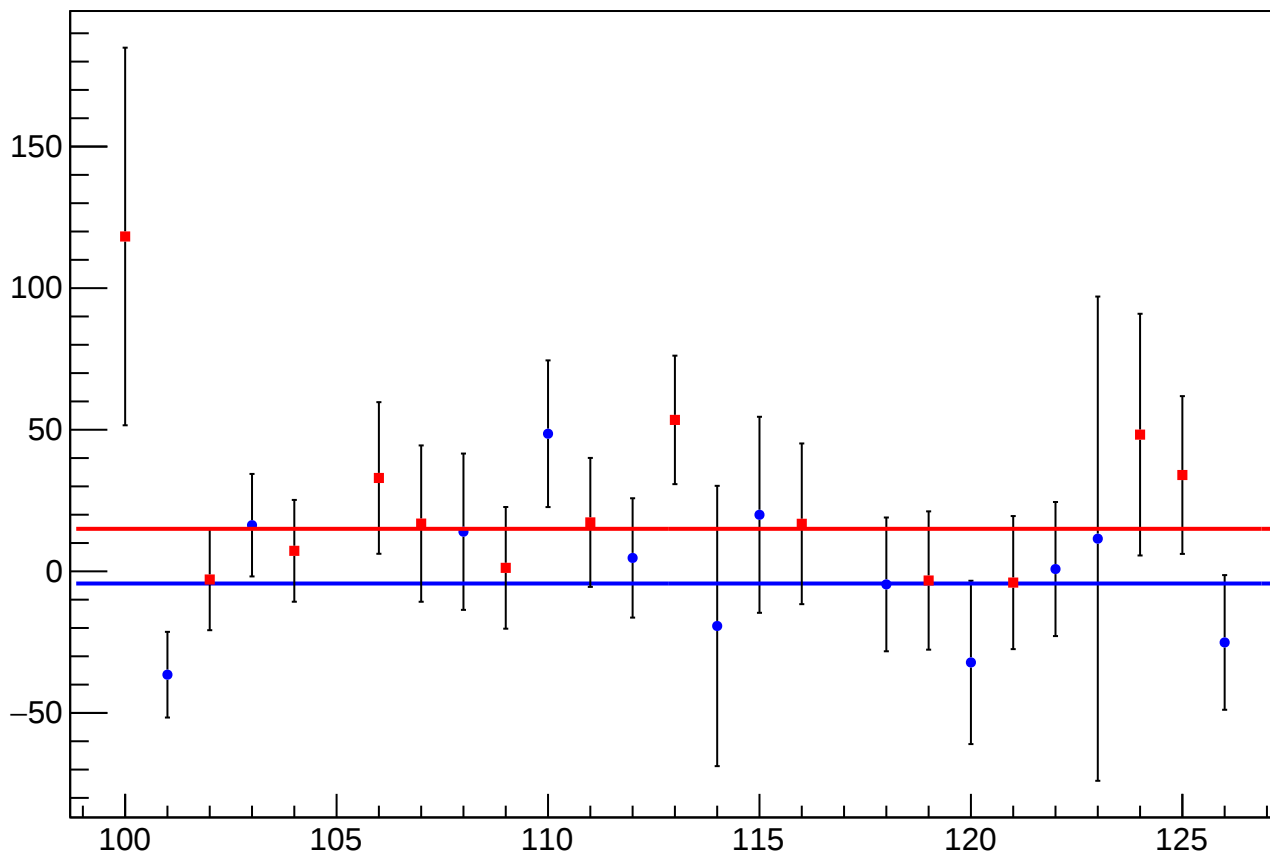
Right: 7250.783+/-1.743 χ^2/NDF : 663204.6/24

In: 7336.624+/-2.557 χ^2/NDF : 284438.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7250.783+/-1.743 χ^2/NDF : 663204.6/24

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -4.296 $\pm$ 7.001 χ^2/NDF : 13.0/11

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

Right Out: 15.014 $\pm$ 6.780 χ^2/NDF : 9.6/12

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

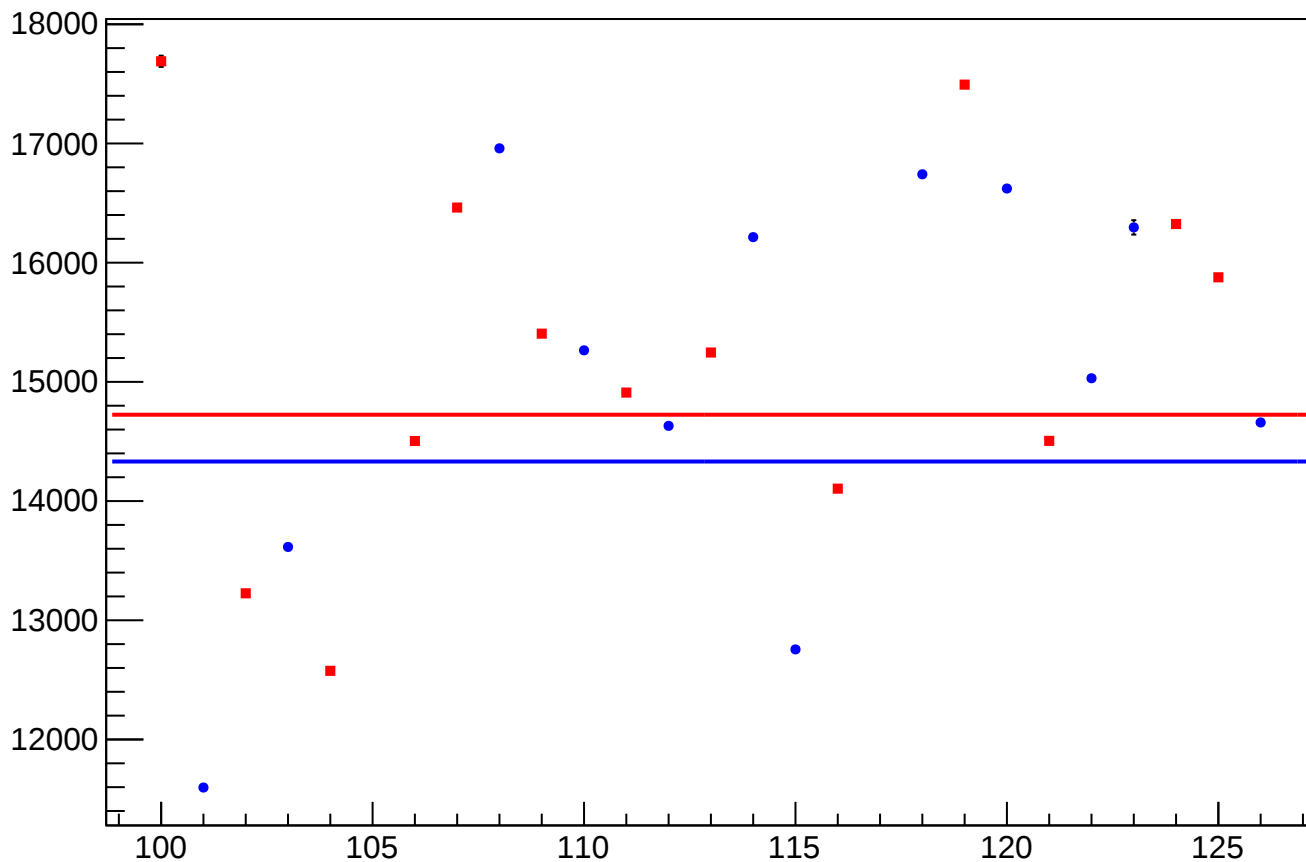
Right: 5.668 $\pm$ 4.870 χ^2/NDF : 26.5/24

In: -4.296 $\pm$ 7.001 χ^2/NDF : 13.0/11

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

All: 5.668 $\pm$ 4.870 χ^2/NDF : 26.5/24

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 14331.902+/-4.950 χ^2/NDF : 133246.0/11

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

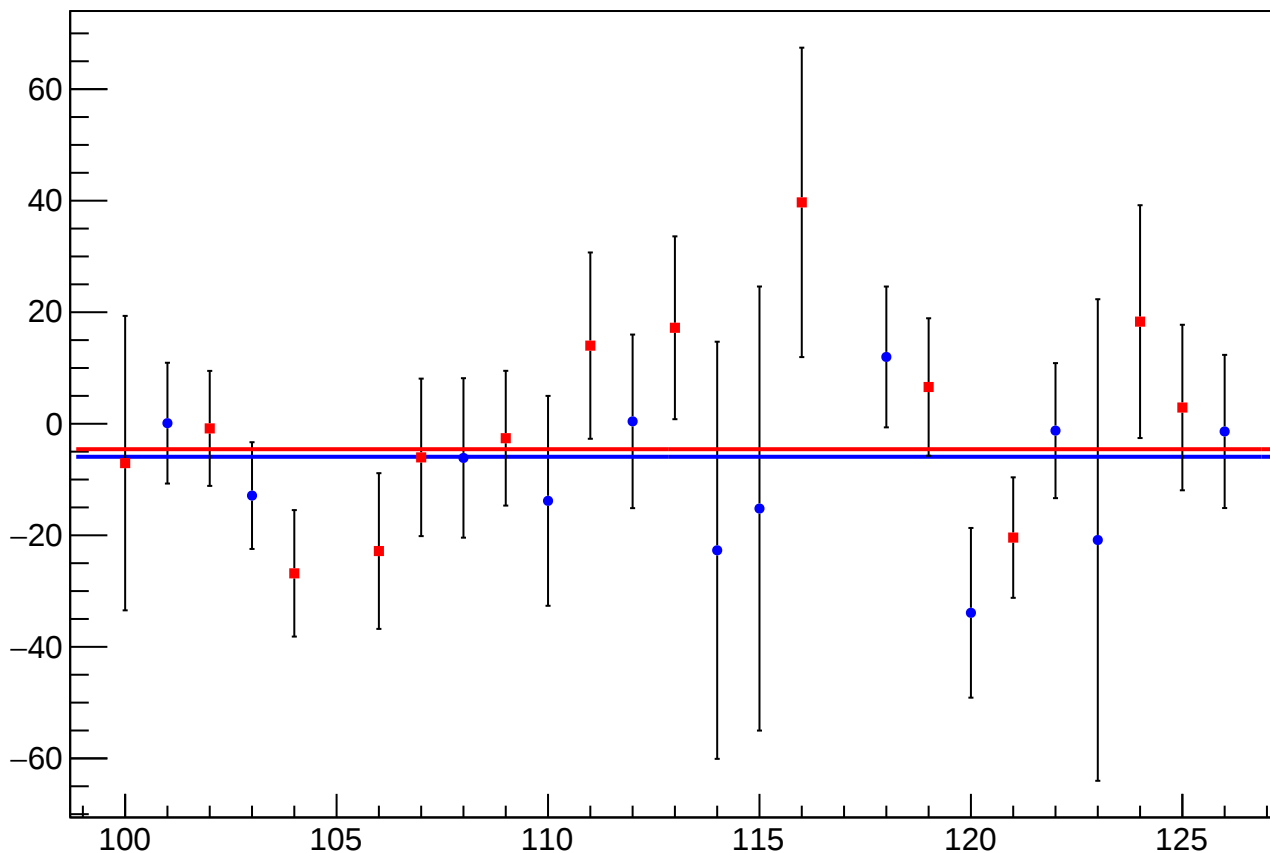
Right: 14534.463+/-3.444 χ^2/NDF : 227377.5/24

In: 14331.902+/-4.950 χ^2/NDF : 133246.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14534.463+/-3.444 χ^2/NDF : 227377.5/24

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -5.919+/-4.230 χ^2/NDF : 7.2/11

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

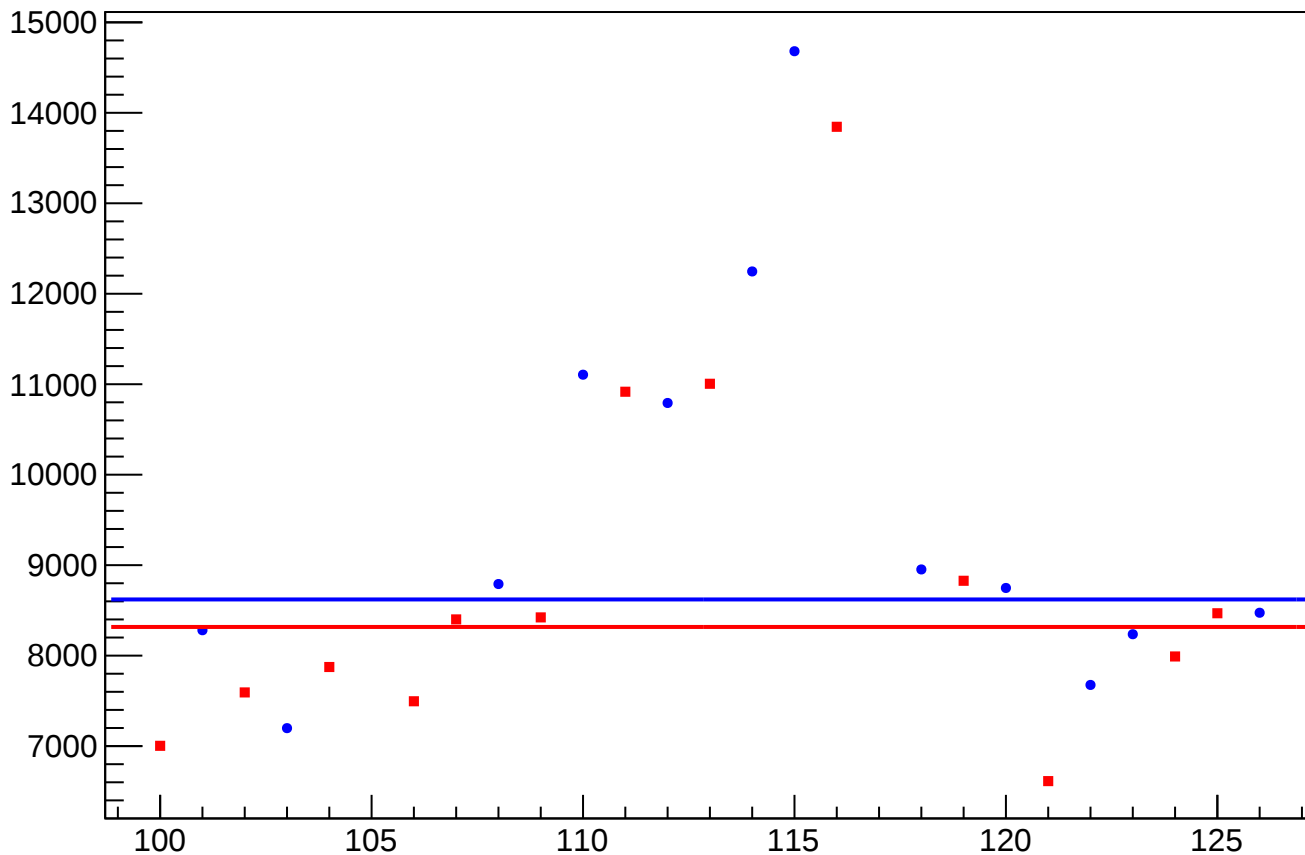
Right: -5.182+/-2.862 χ^2/NDF : 23.0/24

In: -5.919+/-4.230 χ^2/NDF : 7.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.182+/-2.862 χ^2/NDF : 23.0/24

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8620.970+/-2.991 χ^2/NDF : 199471.4/11

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

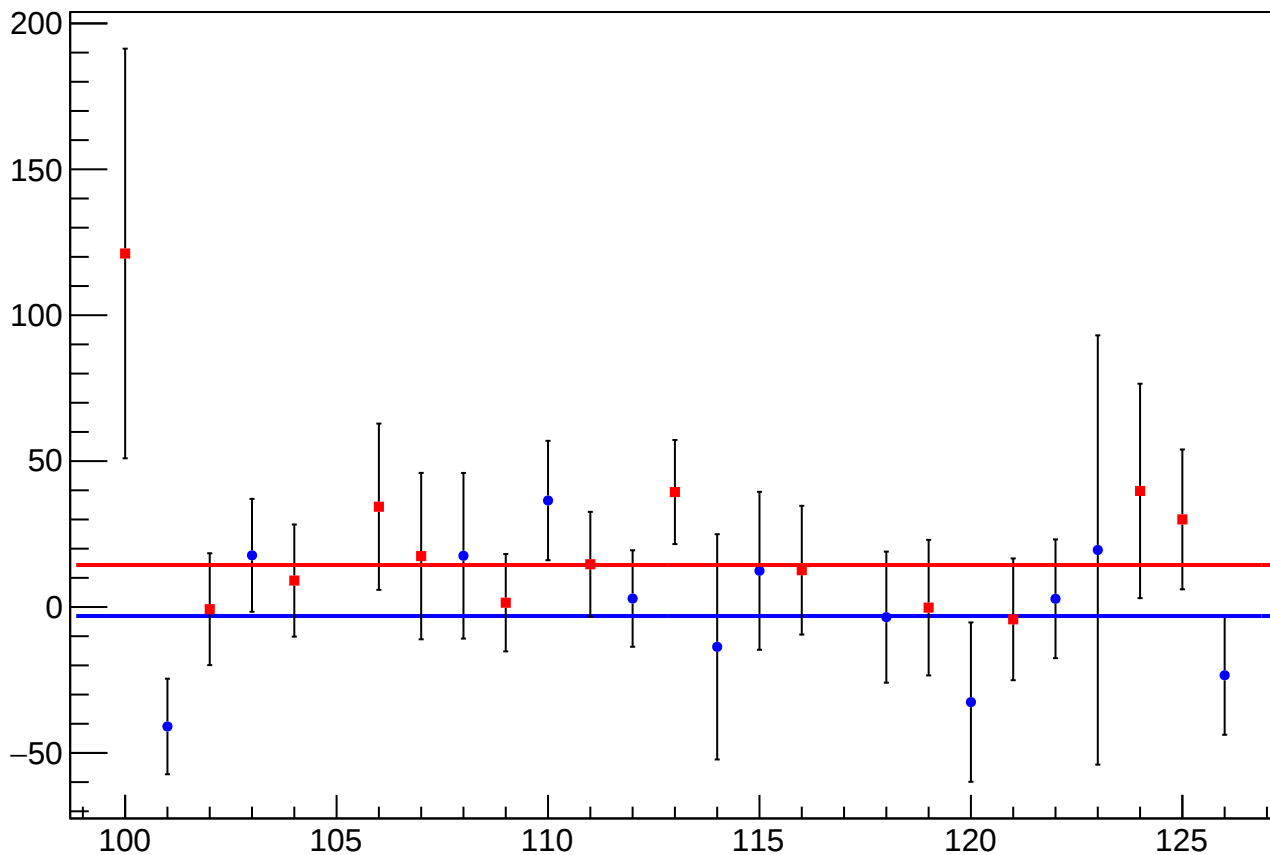
Right: 8456.113+/-2.024 χ^2/NDF : 465624.5/24

In: 8620.970+/-2.991 χ^2/NDF : 199471.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8456.113+/-2.024 χ^2/NDF : 465624.5/24

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -3.080+/-6.447 χ^2/NDF : 13.6/11

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

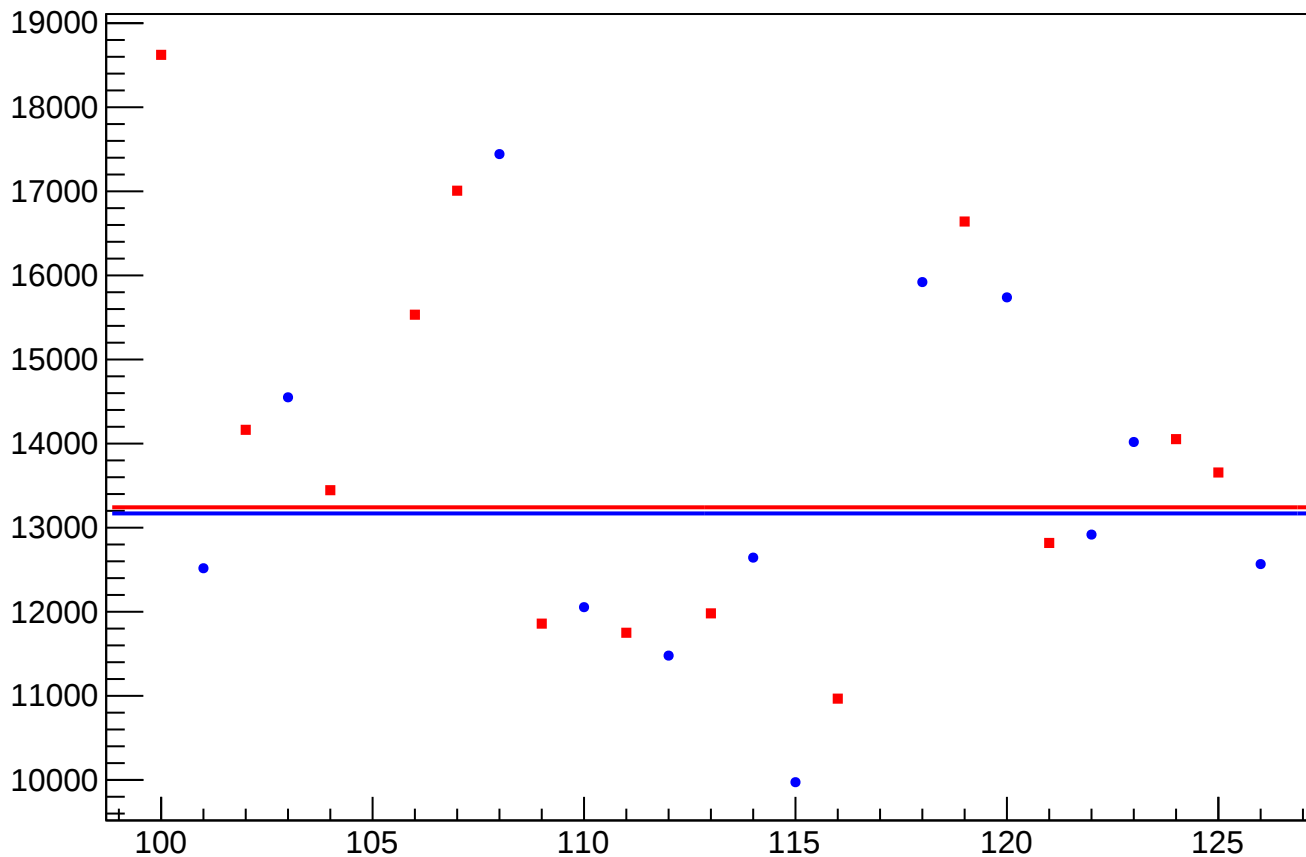
Right: 6.103+/-4.442 χ^2/NDF : 25.7/24

In: -3.080+/-6.447 χ^2/NDF : 13.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.103+/-4.442 χ^2/NDF : 25.7/24

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13169.391+/-4.559 χ^2/NDF : 163864.2/11

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

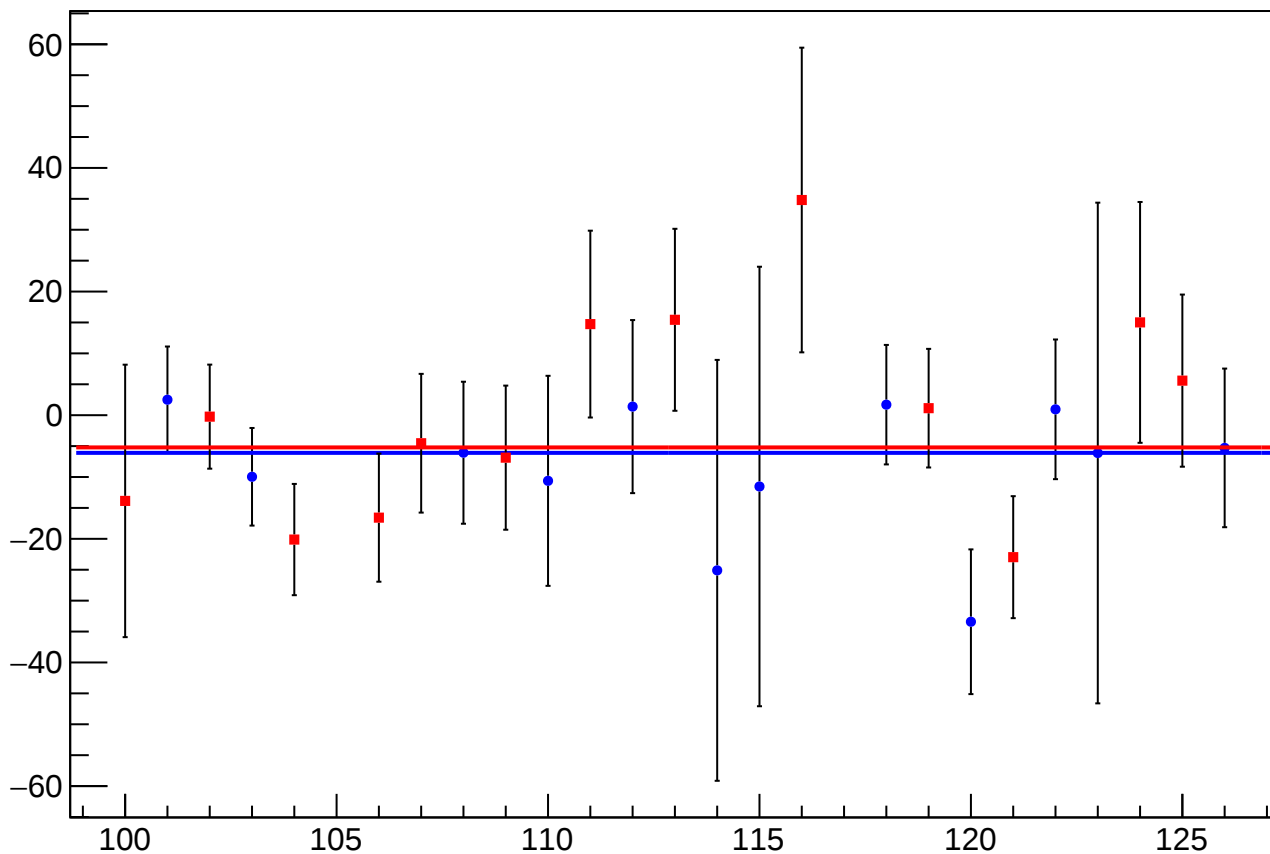
Right: 13207.674+/-3.141 χ^2/NDF : 332478.4/24

In: 13169.391+/-4.559 χ^2/NDF : 163864.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13207.674+/-3.141 χ^2/NDF : 332478.4/24

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -6.093+/-3.539 χ^2/NDF : 8.4/11

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

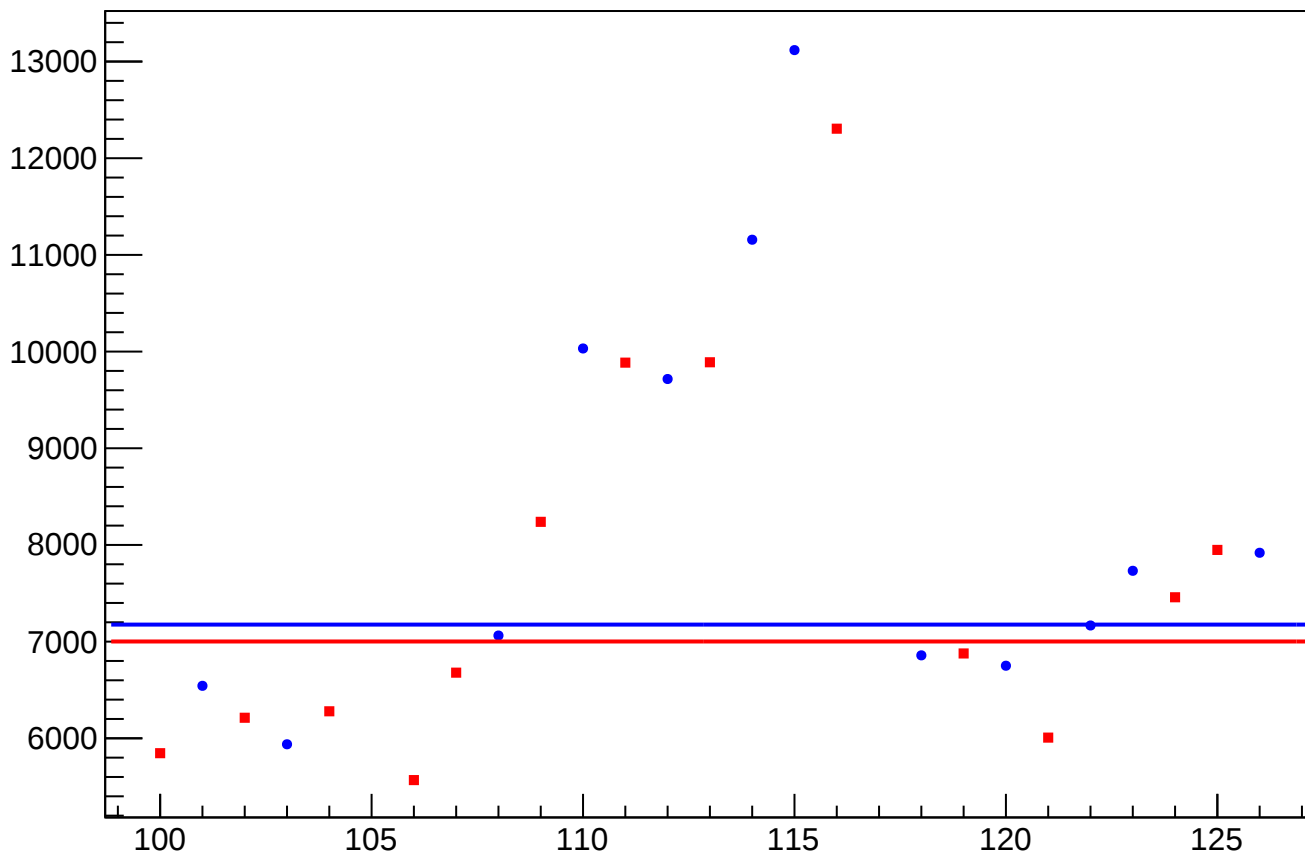
Right: -5.620+/-2.407 χ^2/NDF : 24.6/24

In: -6.093+/-3.539 χ^2/NDF : 8.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.620+/-2.407 χ^2/NDF : 24.6/24

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7176.123+/-2.502 χ^2/NDF : 277677.1/11

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

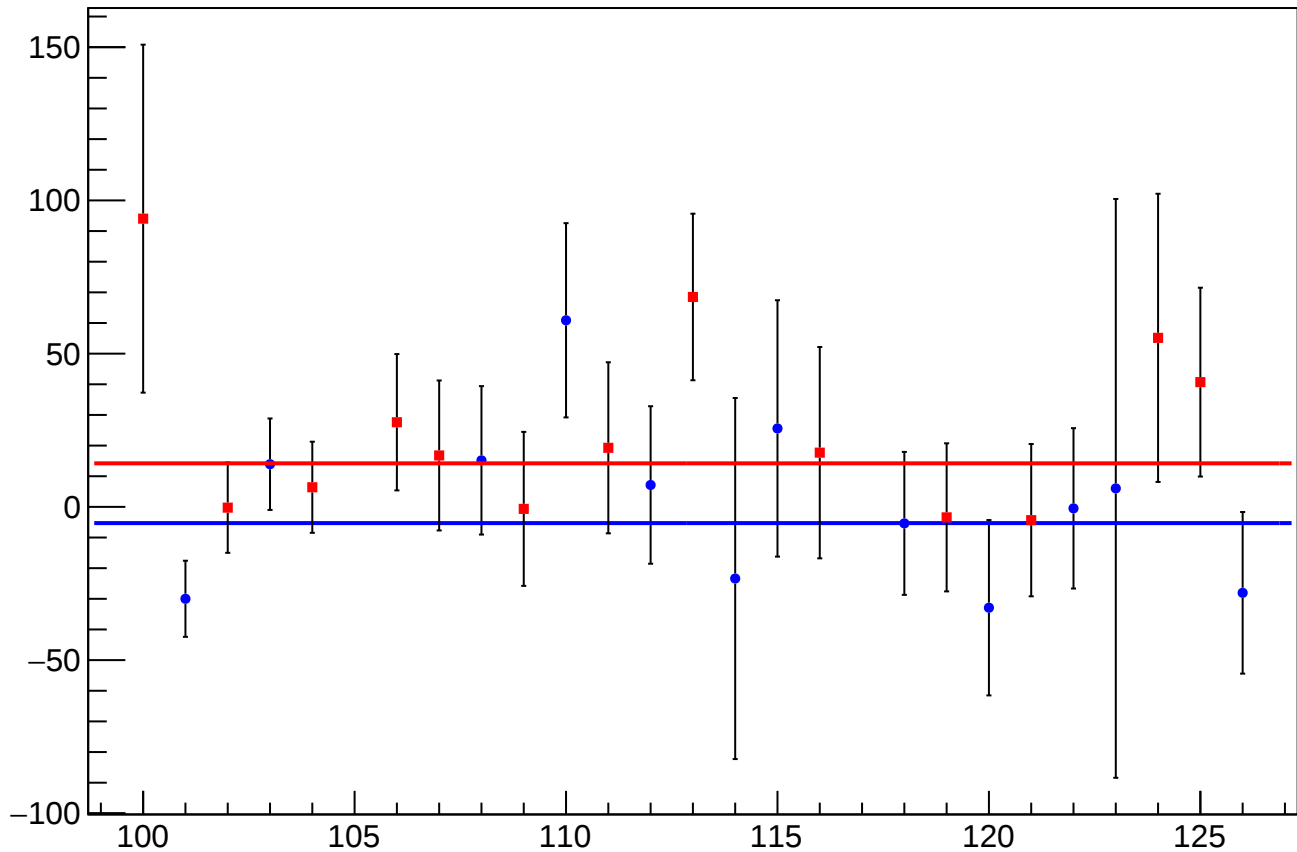
Right: 7082.278+/-1.702 χ^2/NDF : 652193.6/24

In: 7176.123+/-2.502 χ^2/NDF : 277677.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7082.278+/-1.702 χ^2/NDF : 652193.6/24

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -5.292+/-6.724 χ^2/NDF : 13.3/11

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

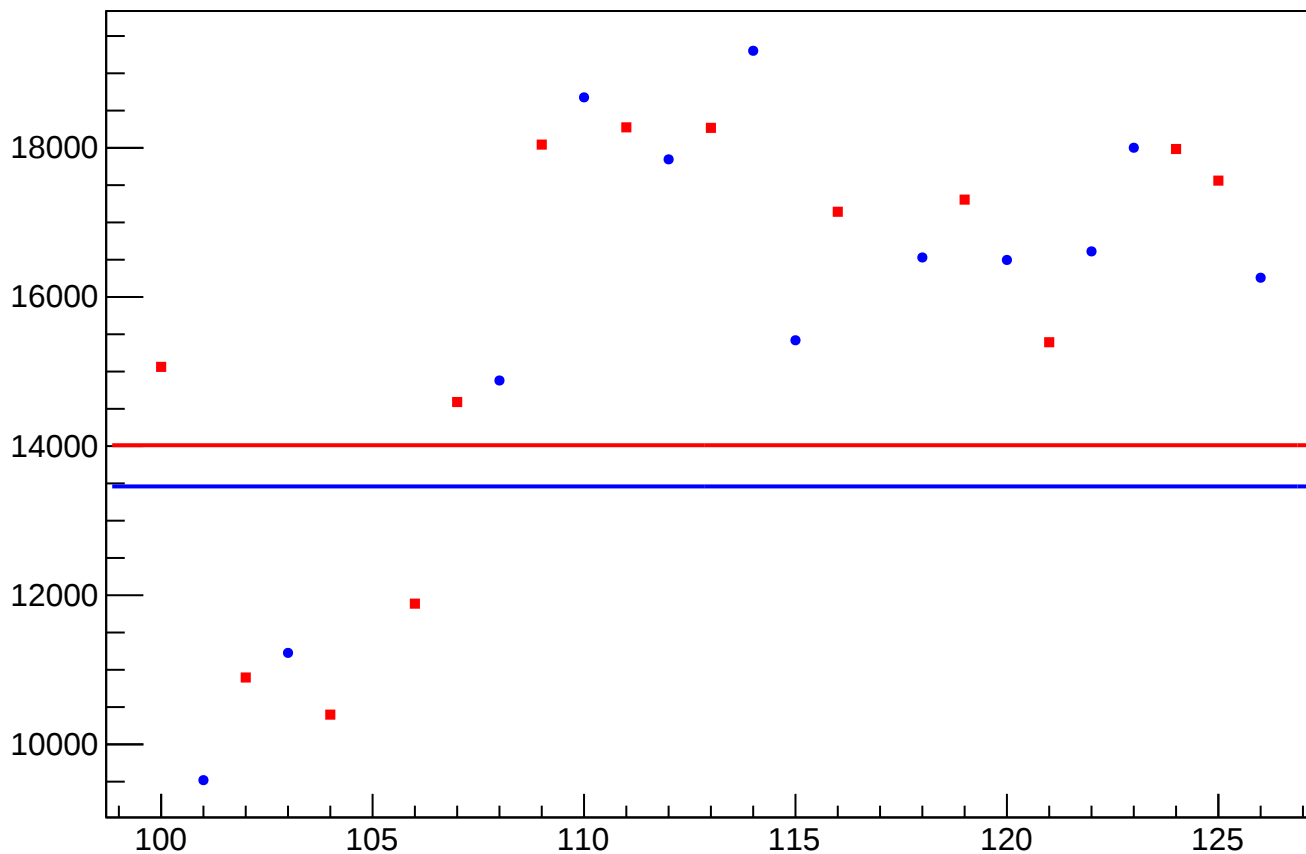
Right: 4.654+/-4.706 χ^2/NDF : 28.1/24

In: -5.292+/-6.724 χ^2/NDF : 13.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.654+/-4.706 χ^2/NDF : 28.1/24

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 13459.417+/-4.754 χ^2/NDF : 502777.6/11

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

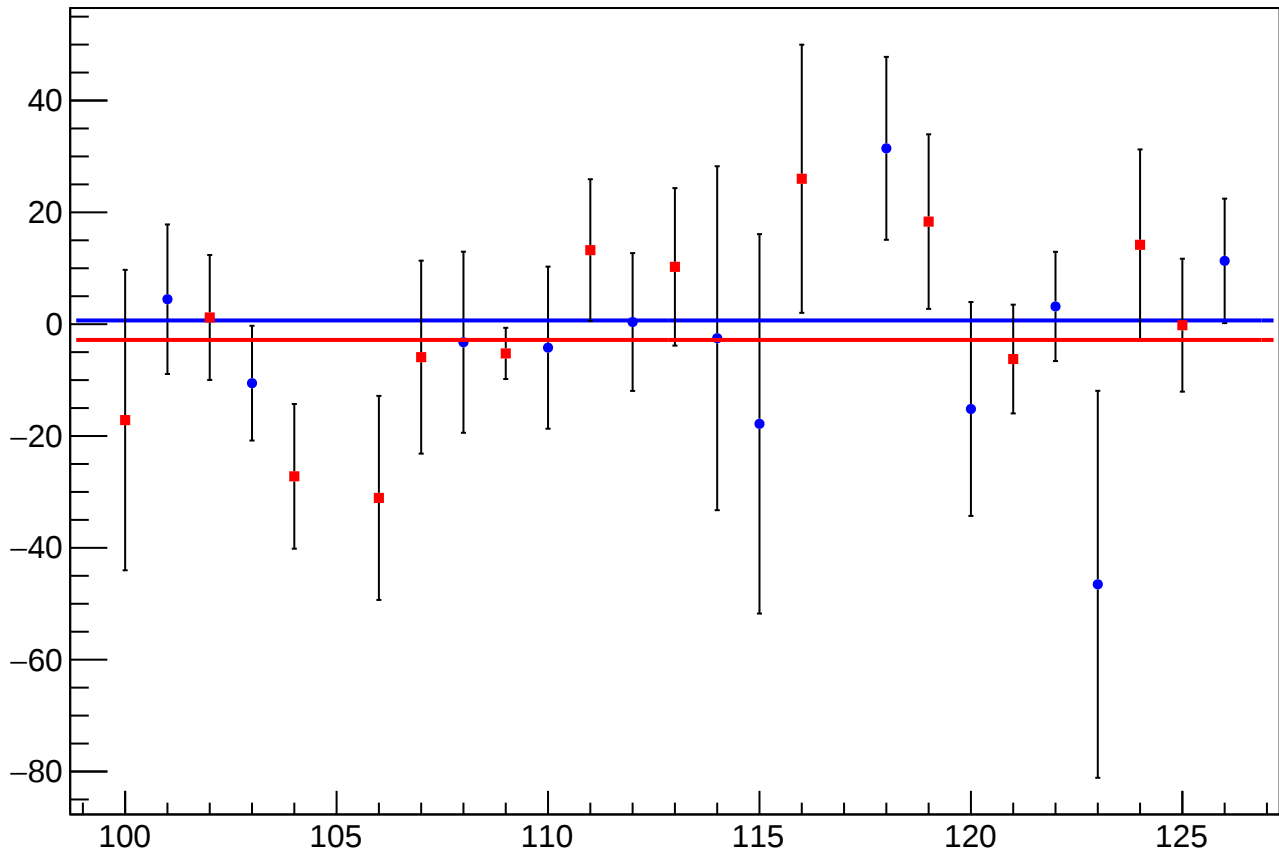
Right: 13741.220+/-3.328 χ^2/NDF : 985059.7/24

In: 13459.417+/-4.754 χ^2/NDF : 502777.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13741.220+/-3.328 χ^2/NDF : 985059.7/24

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.668+/-4.151 χ^2/NDF : 8.8/11

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

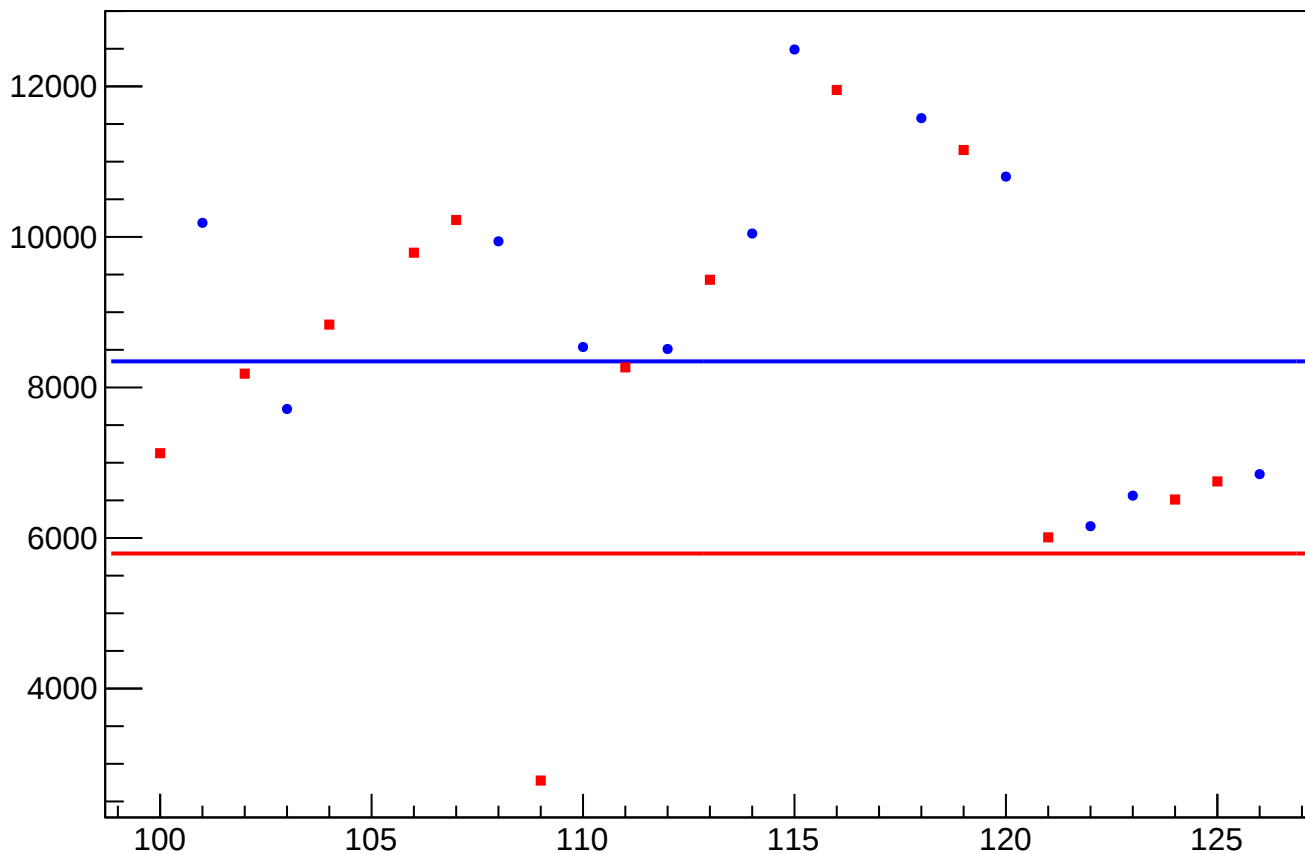
Right: -1.596+/-2.457 χ^2/NDF : 22.9/24

In: 0.668+/-4.151 χ^2/NDF : 8.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.596+/-2.457 χ^2/NDF : 22.9/24

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8346.883+/-2.935 χ^2/NDF : 354554.9/11

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

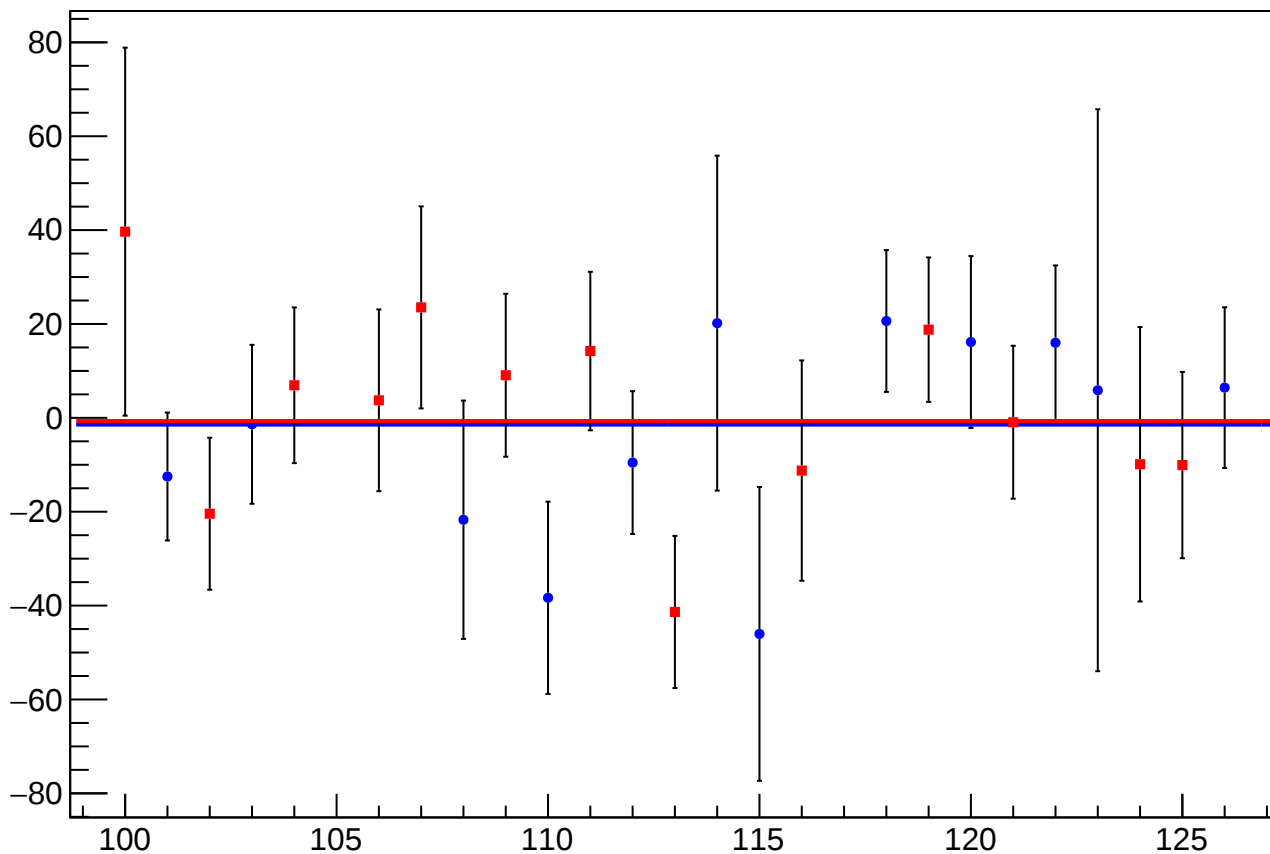
Right: 6688.409+/-1.737 χ^2/NDF : 2743802.7/24

In: 8346.883+/-2.935 χ^2/NDF : 354554.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6688.409+/-1.737 χ^2/NDF : 2743802.7/24

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -1.433+/-5.449 χ^2/NDF : 11.6/11

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

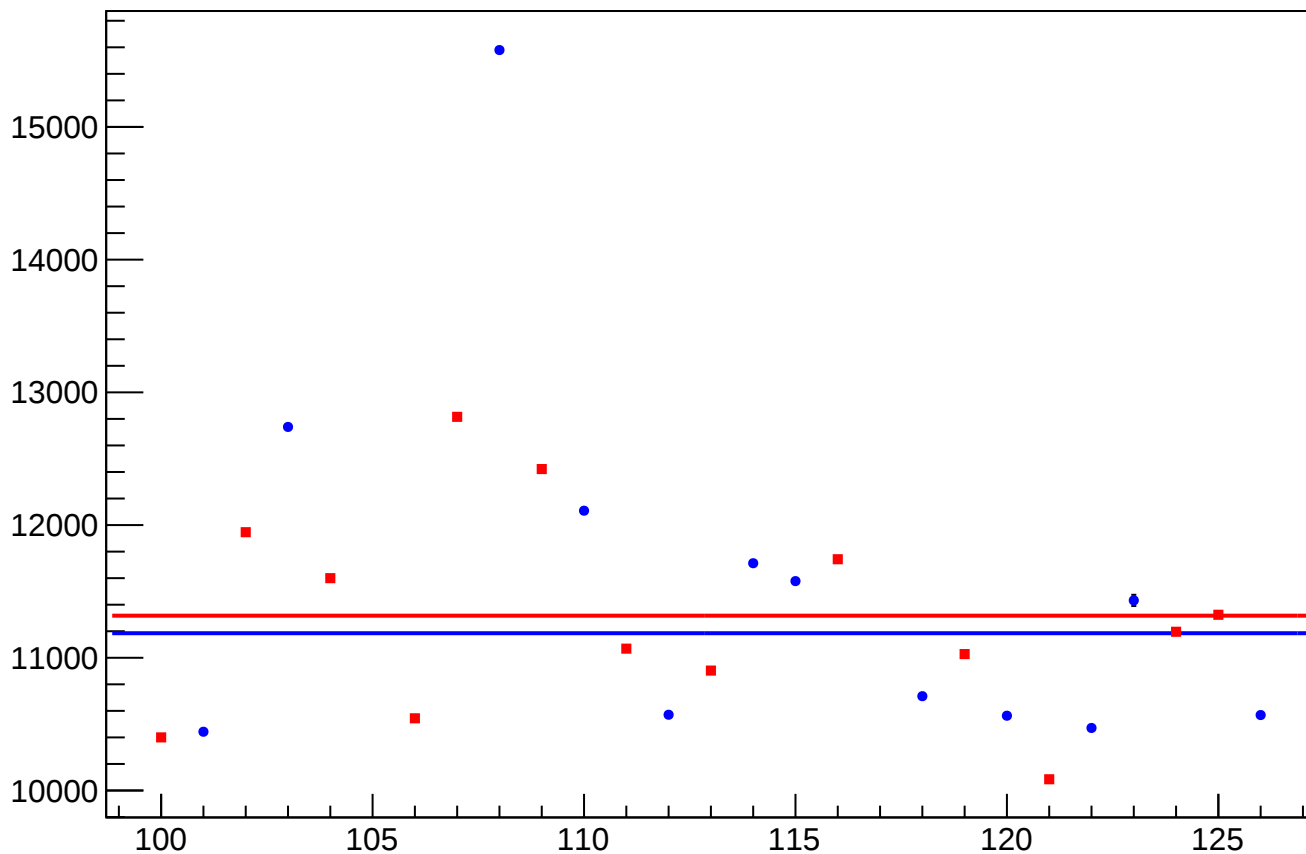
Right: -1.038+/-3.759 χ^2/NDF : 25.2/24

In: -1.433+/-5.449 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.038+/-3.759 χ^2/NDF : 25.2/24

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11185.128+/-3.853 χ^2/NDF : 101465.9/11

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

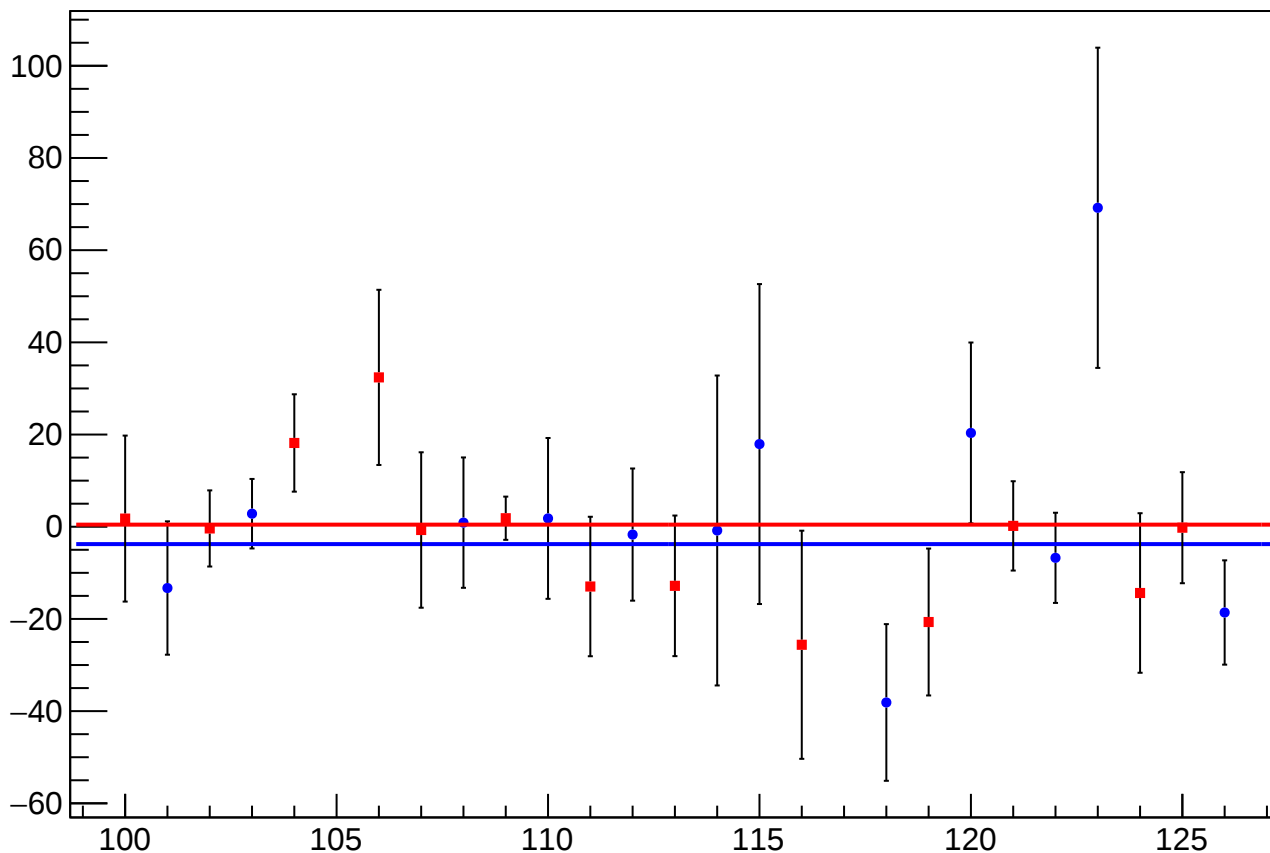
Right: 11254.396+/-2.658 χ^2/NDF : 142345.0/24

In: 11185.128+/-3.853 χ^2/NDF : 101465.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11254.396+/-2.658 χ^2/NDF : 142345.0/24

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -3.766+/-4.003 χ^2/NDF : 13.7/11

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

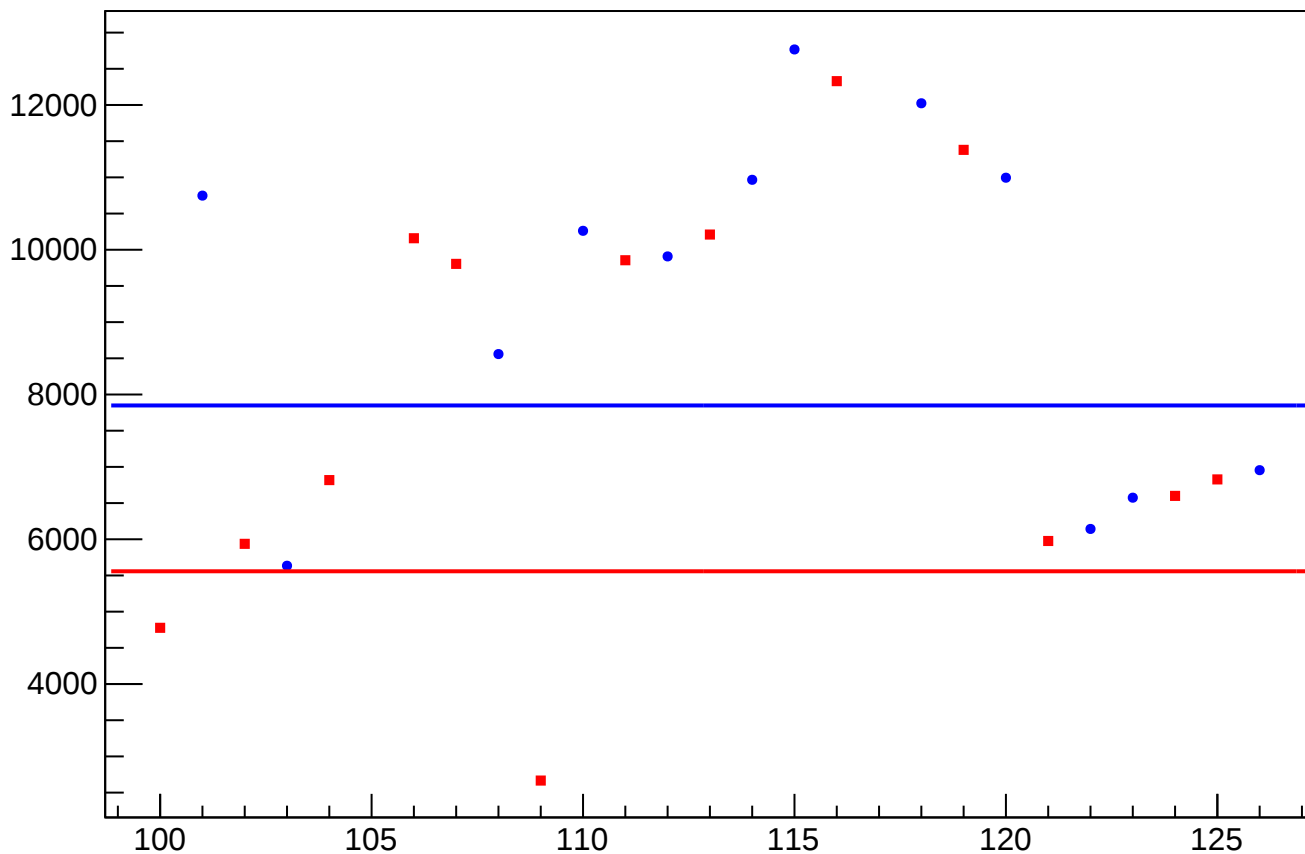
Right: -1.040+/-2.384 χ^2/NDF : 25.3/24

In: -3.766+/-4.003 χ^2/NDF : 13.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.040+/-2.384 χ^2/NDF : 25.3/24

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 7848.733+/-2.831 χ^2/NDF : 642963.6/11

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

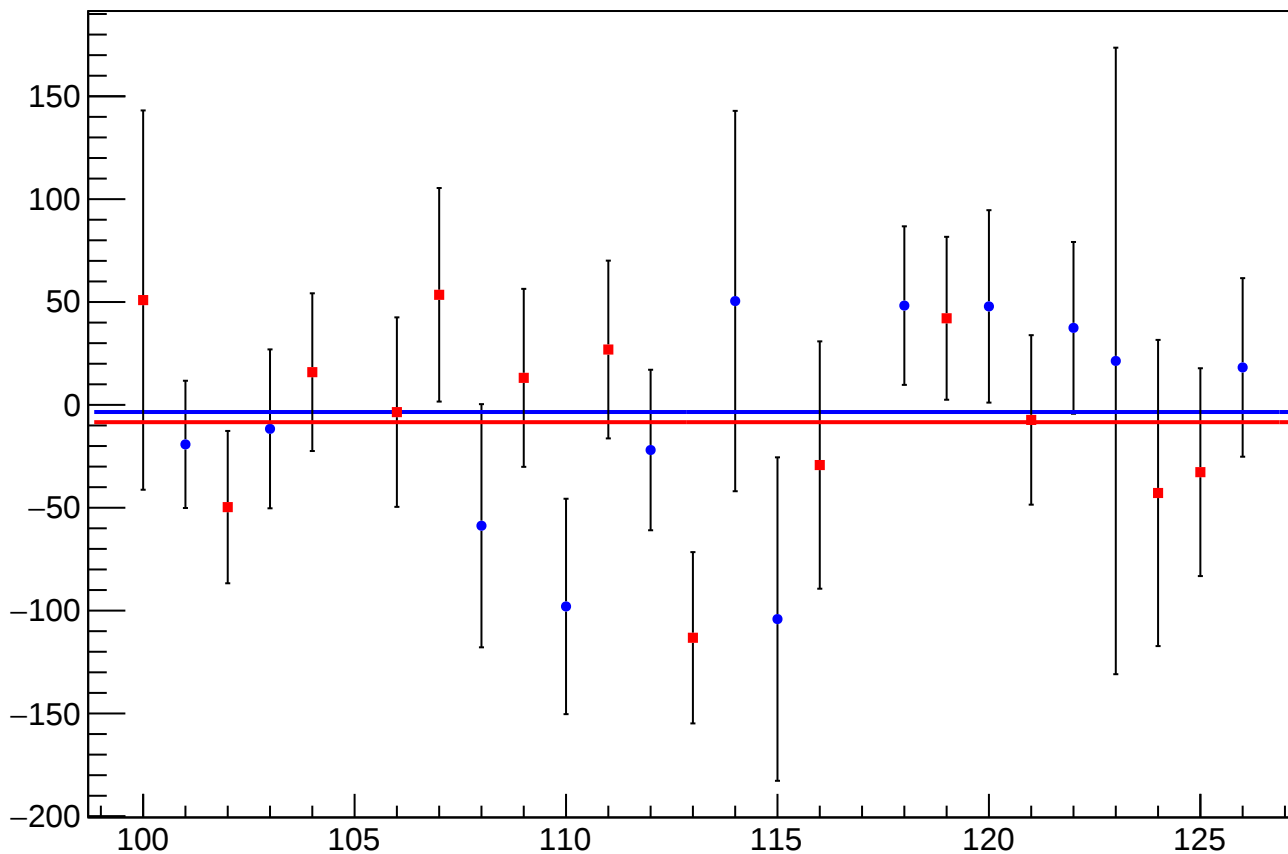
Right: 6369.877+/-1.685 χ^2/NDF : 2904582.2/24

In: 7848.733+/-2.831 χ^2/NDF : 642963.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6369.877+/-1.685 χ^2/NDF : 2904582.2/24

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -3.465+/-13.385 χ^2/NDF : 10.9/11

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

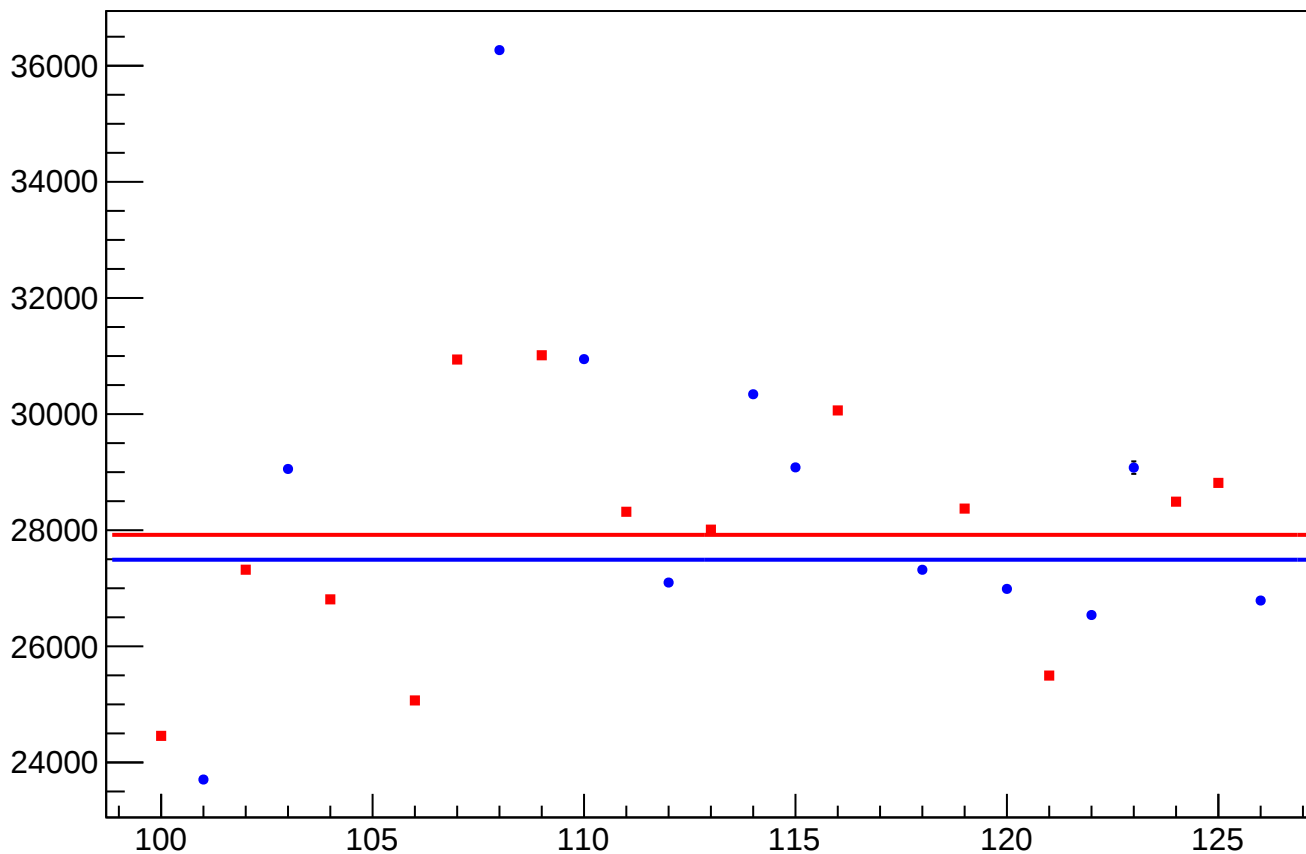
Right: -6.042+/-9.255 χ^2/NDF : 23.9/24

In: -3.465+/-13.385 χ^2/NDF : 10.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.042+/-9.255 χ^2/NDF : 23.9/24

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 27491.588+/-9.465 χ^2/NDF : 91044.6/11

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

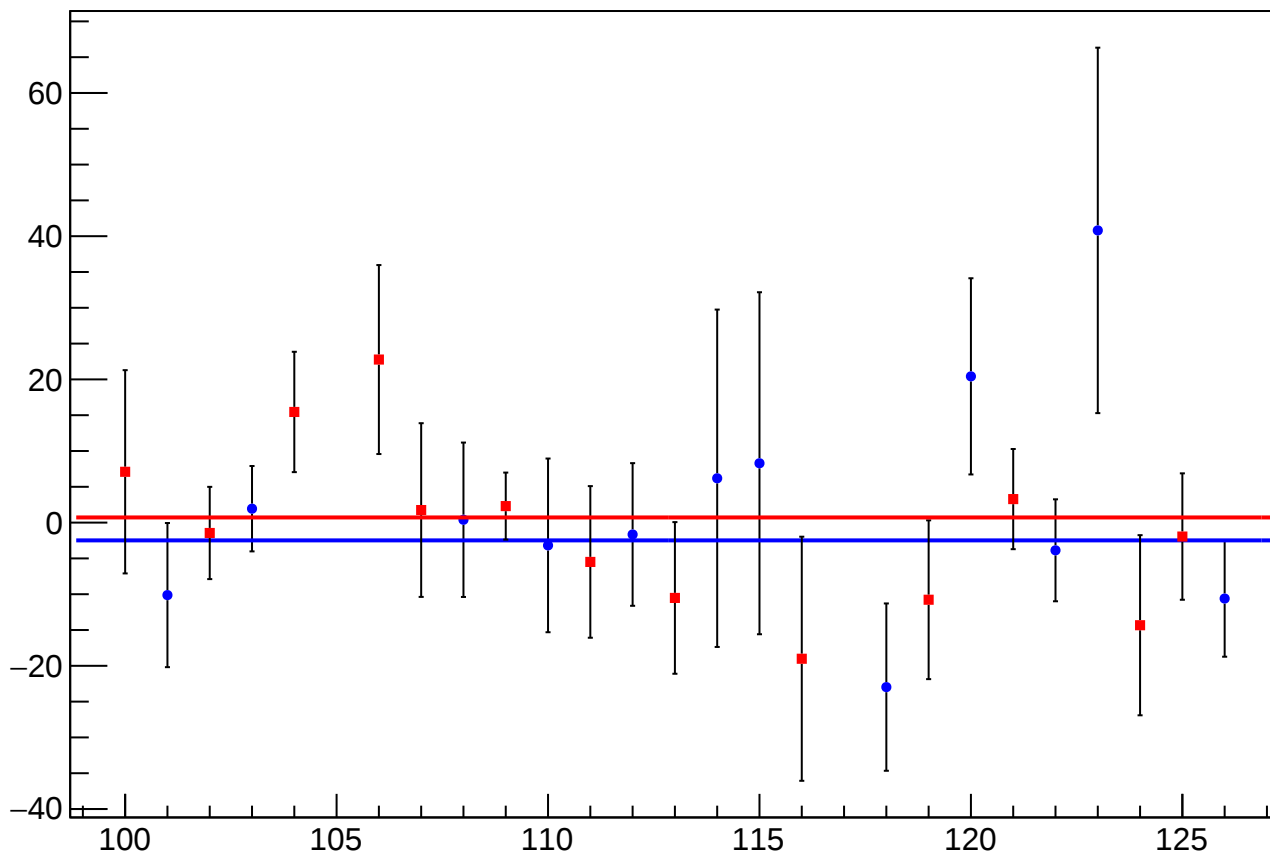
Right: 27715.230+/-6.544 χ^2/NDF : 132458.4/24

In: 27491.588+/-9.465 χ^2/NDF : 91044.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27715.230+/-6.544 χ^2/NDF : 132458.4/24

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -2.483+/-2.935 χ^2/NDF : 11.3/11

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

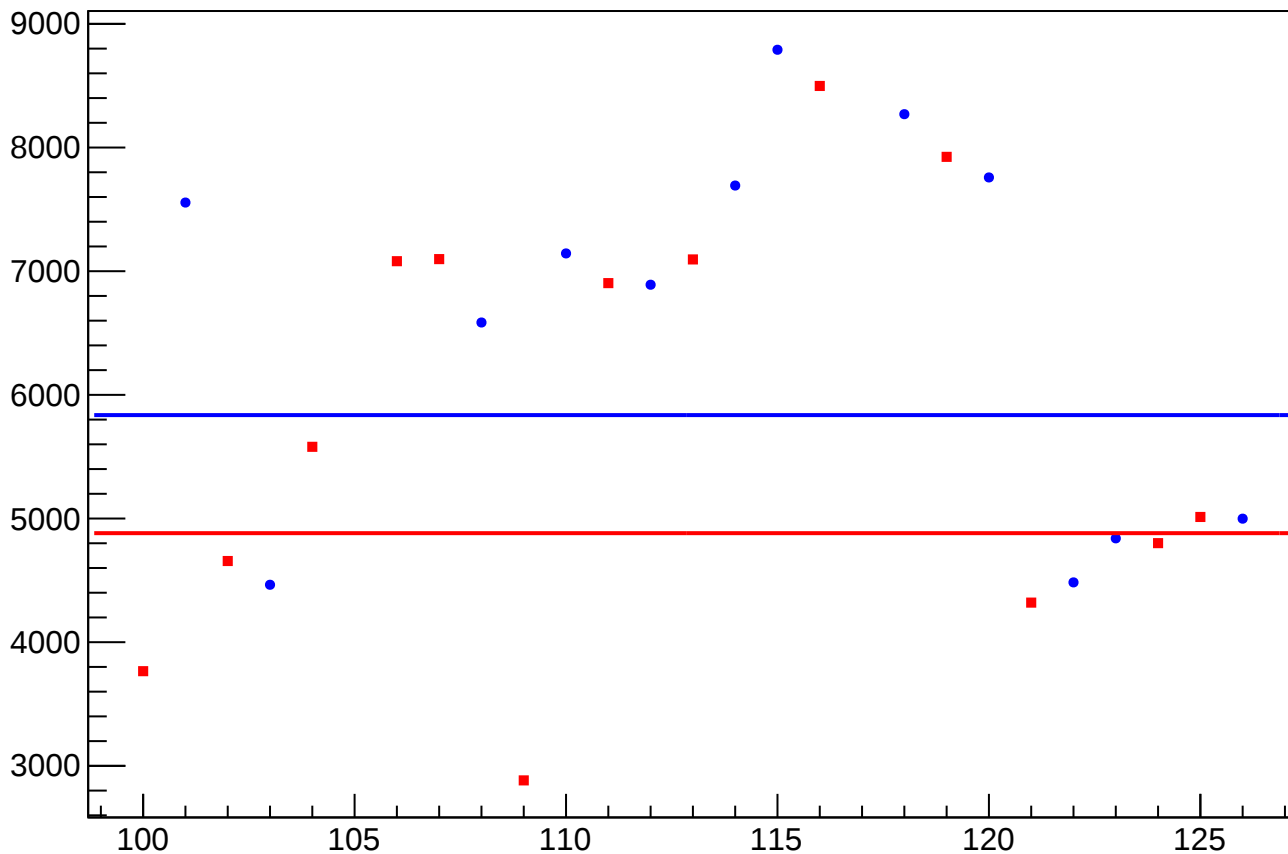
Right: -0.578+/-1.868 χ^2/NDF : 23.9/24

In: -2.483+/-2.935 χ^2/NDF : 11.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.578+/-1.868 χ^2/NDF : 23.9/24

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5836.399+/-2.075 χ^2/NDF : 485175.4/11

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

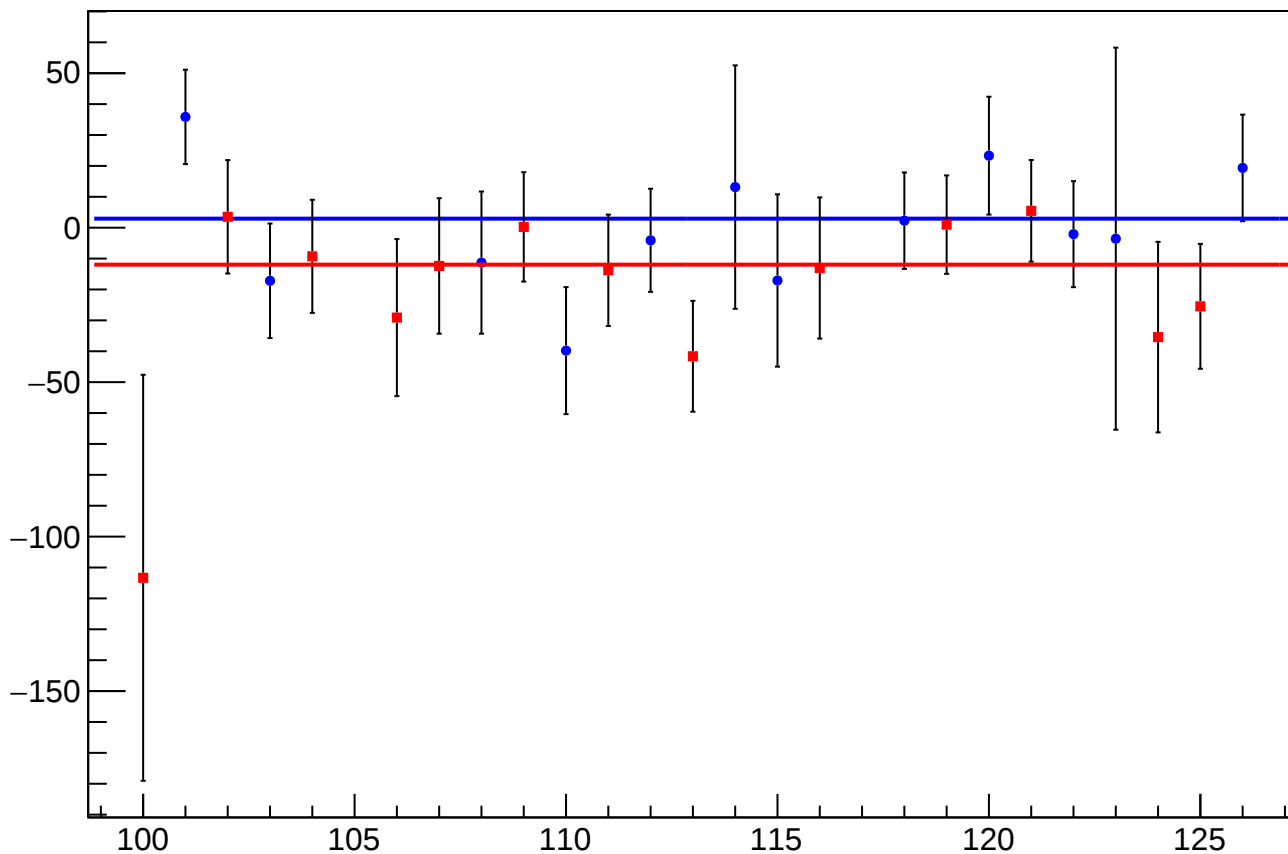
Right: 5268.546+/-1.321 χ^2/NDF : 1541365.4/24

In: 5836.399+/-2.075 χ^2/NDF : 485175.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5268.546+/-1.321 χ^2/NDF : 1541365.4/24

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 2.926+/-5.694 χ^2/NDF : 13.4/11

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

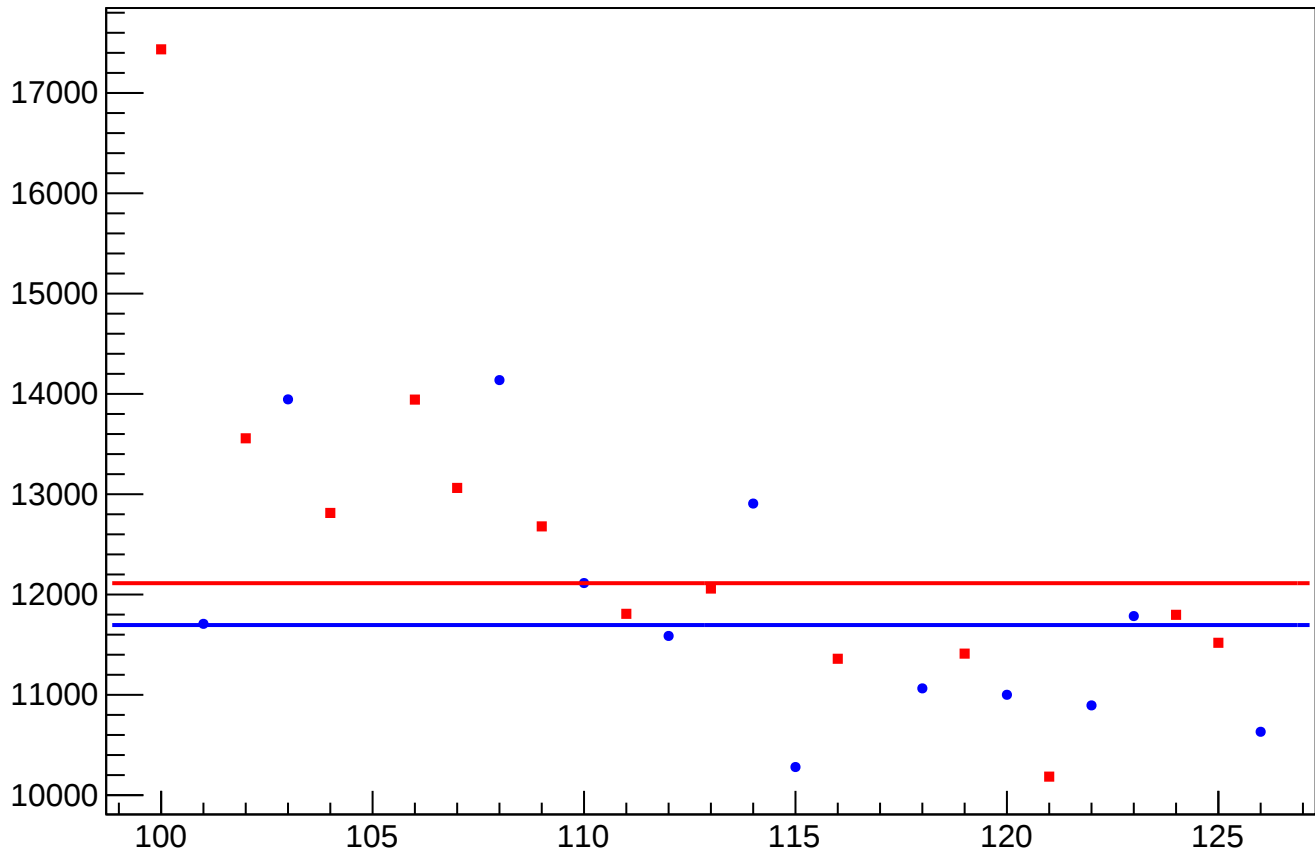
Right: -4.683+/-3.982 χ^2/NDF : 26.5/24

In: 2.926+/-5.694 χ^2/NDF : 13.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.683+/-3.982 χ^2/NDF : 26.5/24

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 11695.831+/-4.026 χ^2/NDF : 77843.6/11

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

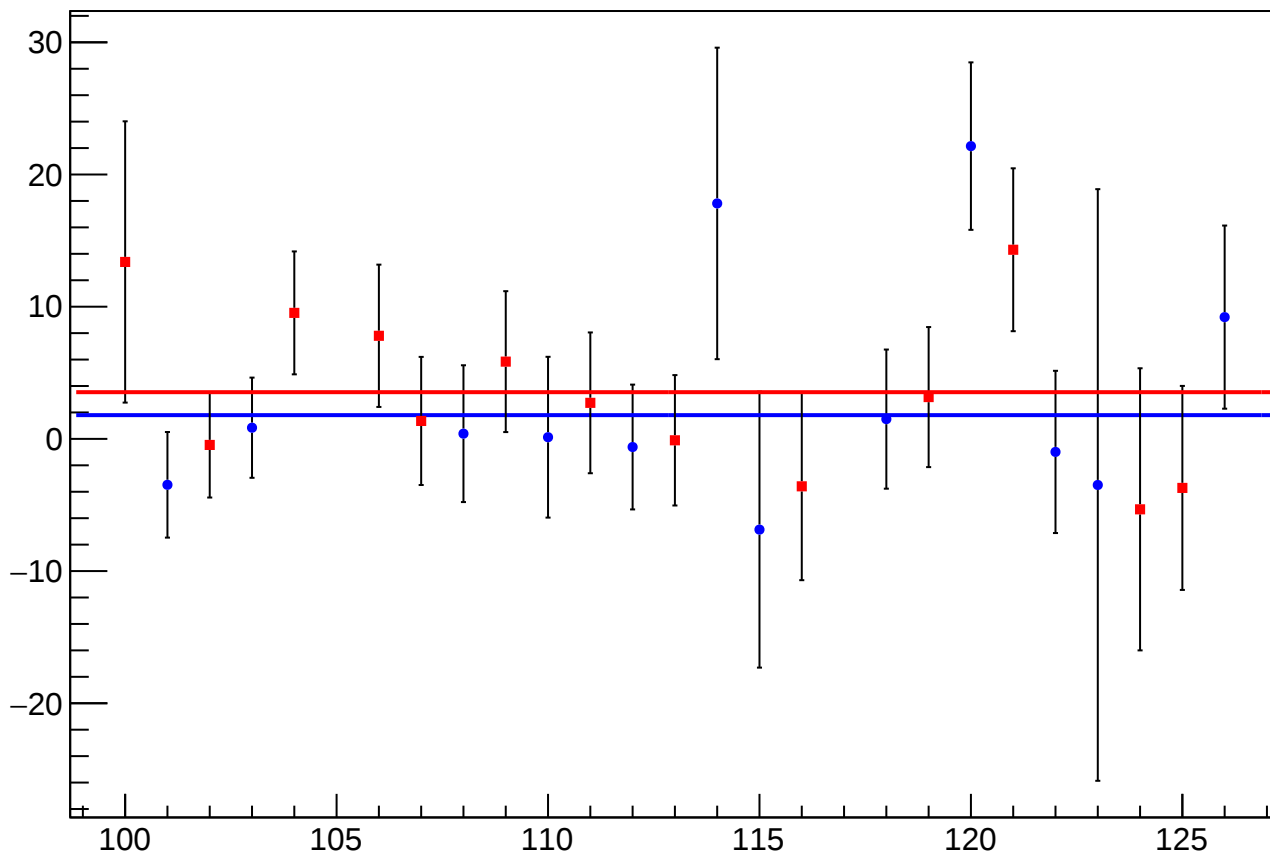
Right: 11909.071+/-2.815 χ^2/NDF : 163996.8/24

In: 11695.831+/-4.026 χ^2/NDF : 77843.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11909.071+/-2.815 χ^2/NDF : 163996.8/24

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 1.796+/-1.648 χ^2/NDF : 16.5/11

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

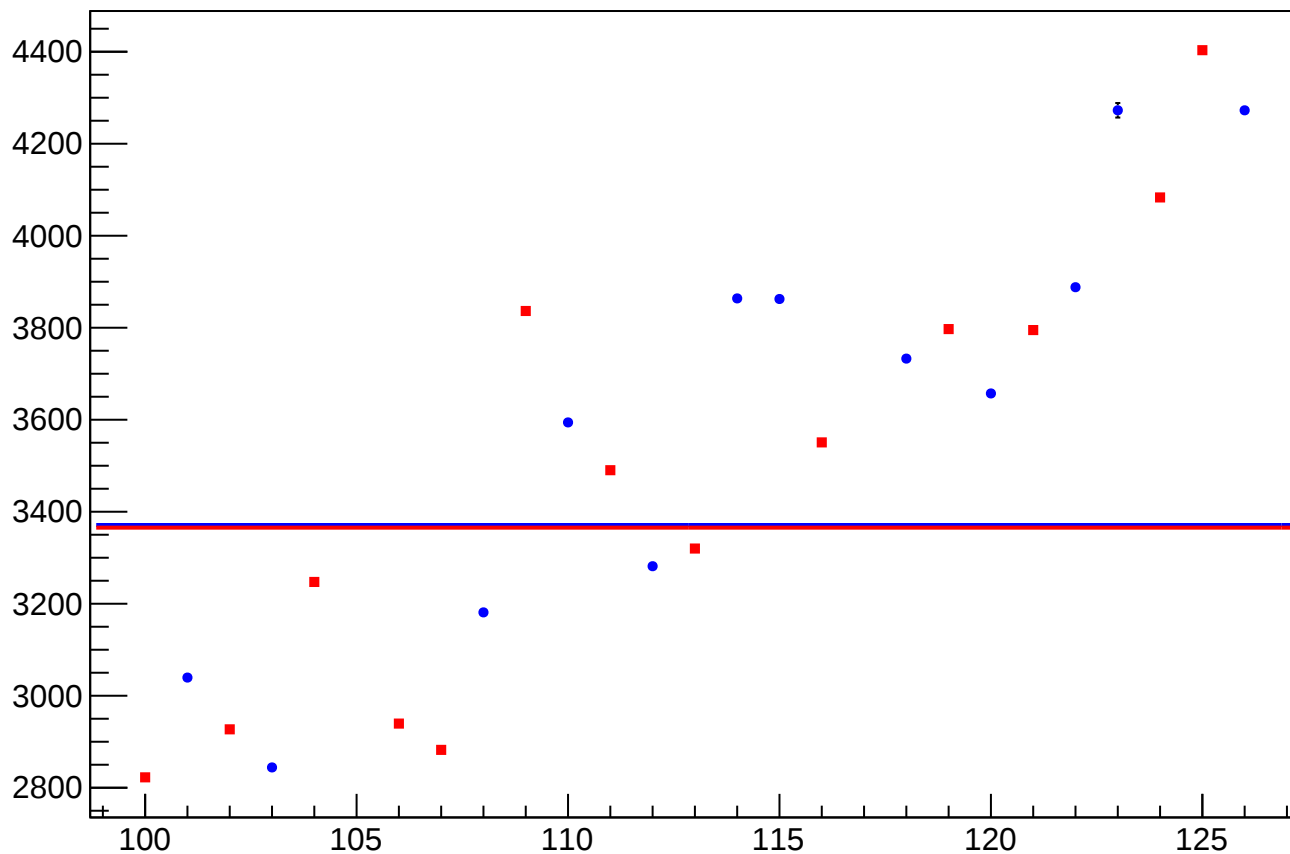
Right: 2.716+/-1.130 χ^2/NDF : 27.8/24

In: 1.796+/-1.648 χ^2/NDF : 16.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.716+/-1.130 χ^2/NDF : 27.8/24

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3371.157+/-1.165 χ^2/NDF : 131316.7/11

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

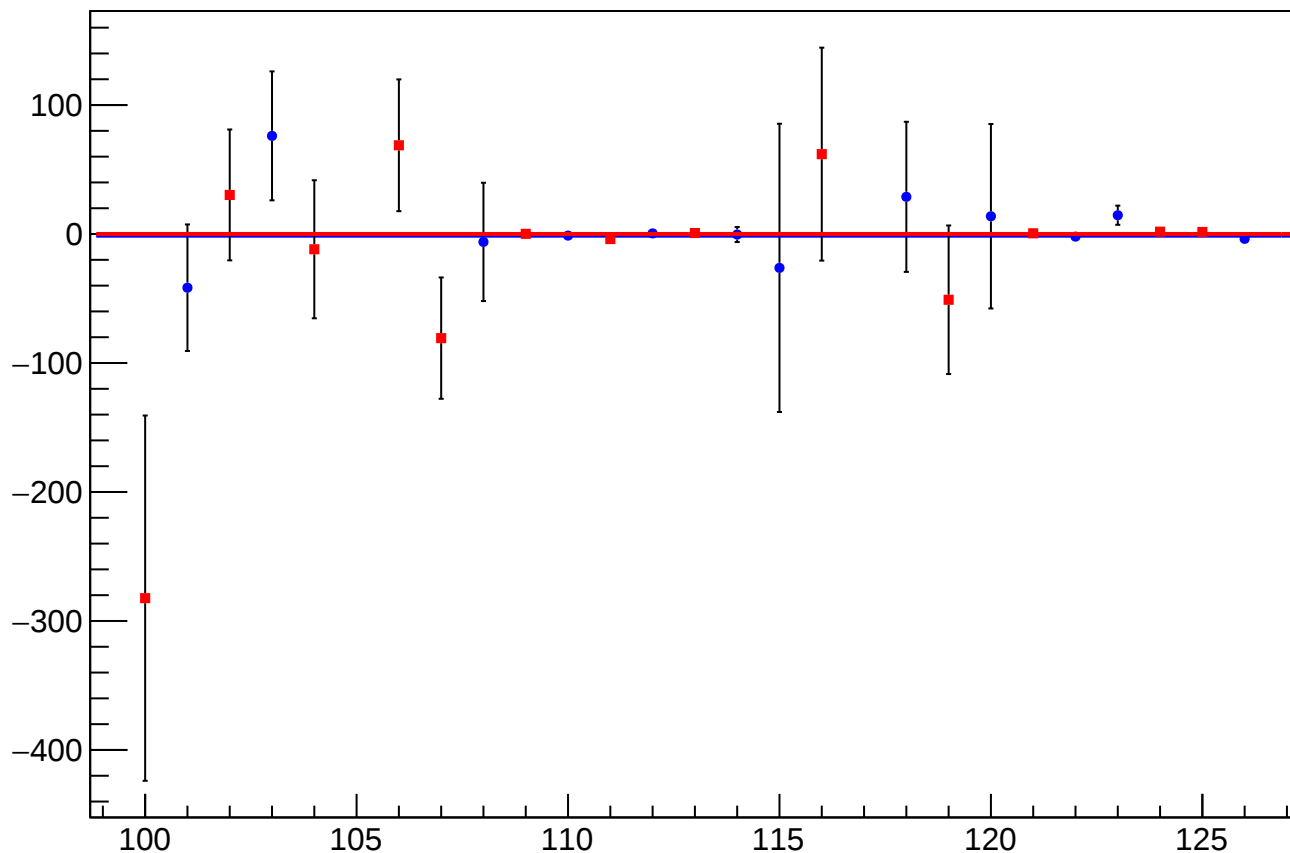
Right: 3368.111+/-0.799 χ^2/NDF : 280992.5/24

In: 3371.157+/-1.165 χ^2/NDF : 131316.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3368.111+/-0.799 χ^2/NDF : 280992.5/24

diff_bpm1p02bX_mean vs Slug, Sign Corrected



Right In: -1.272 ± 1.199 χ^2/NDF : 9.7/11

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

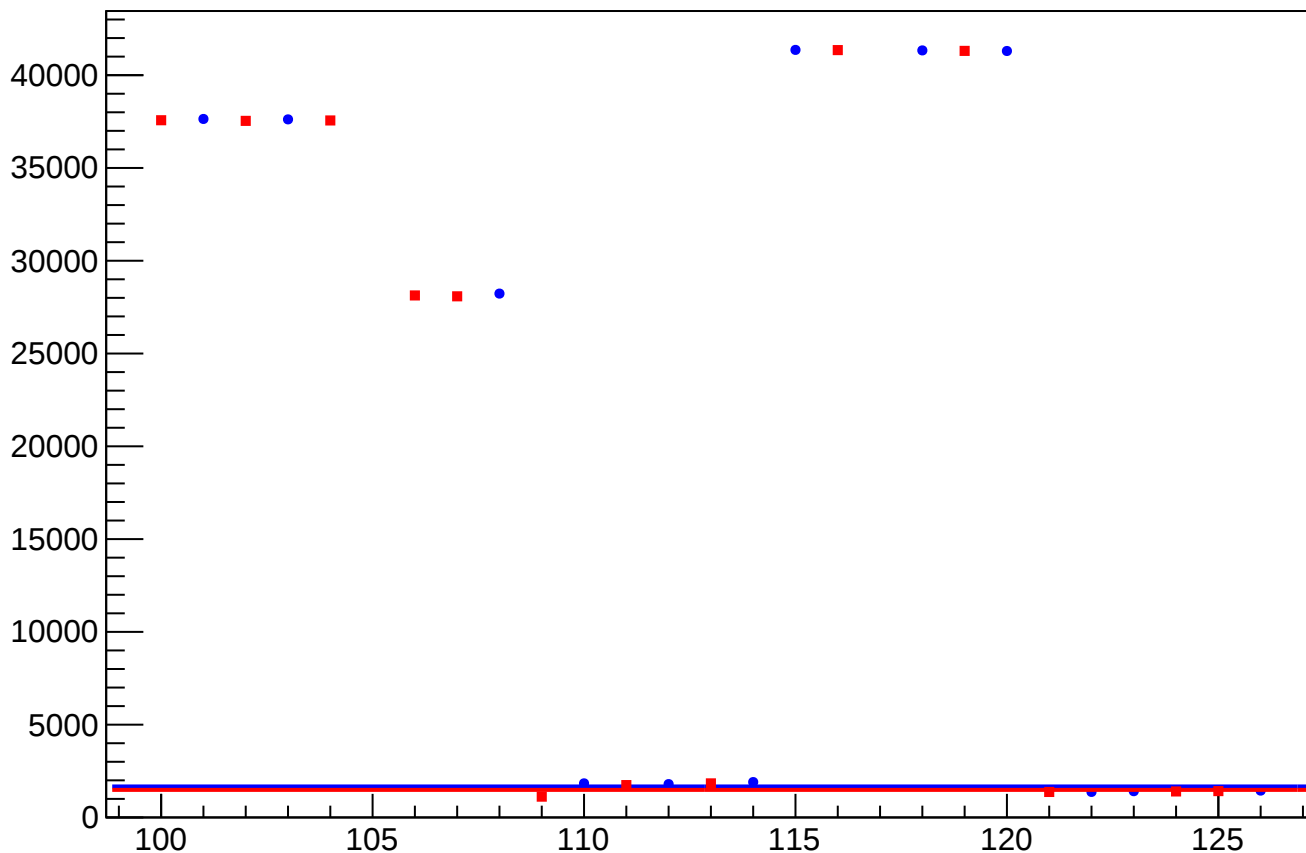
Right: -0.506 ± 0.776 χ^2/NDF : 23.8/24

In: -1.272 ± 1.199 χ^2/NDF : 9.7/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.506 ± 0.776 χ^2/NDF : 23.8/24

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 1670.248+/-0.848 χ^2/NDF : 4647838.6/11

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

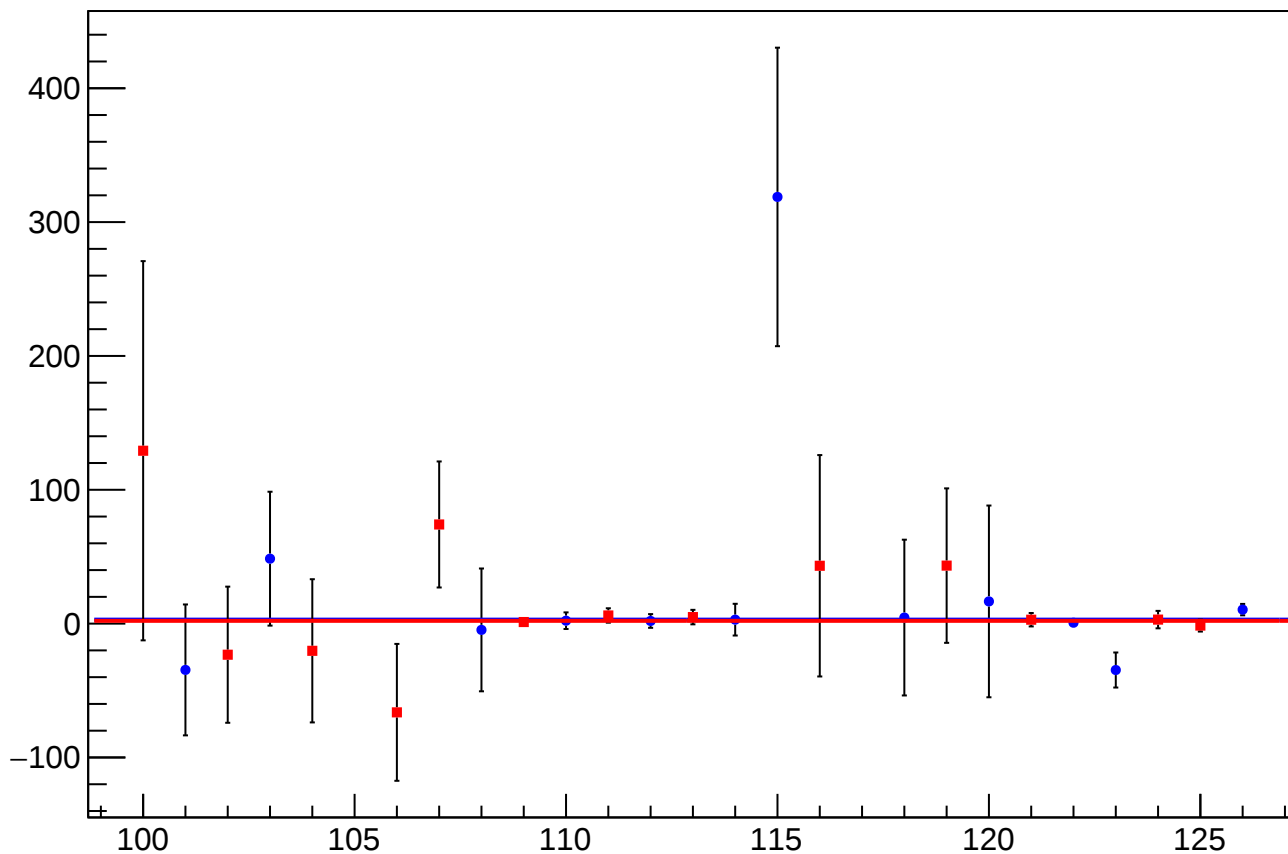
Right: 1562.836+/-0.549 χ^2/NDF : 9475873.0/24

In: 1670.248+/-0.848 χ^2/NDF : 4647838.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1562.836+/-0.549 χ^2/NDF : 9475873.0/24

diff_bpm1p02bY_mean vs Slug, Sign Corrected



Right In: 2.983+/-2.212 χ^2/NDF : 21.3/11

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

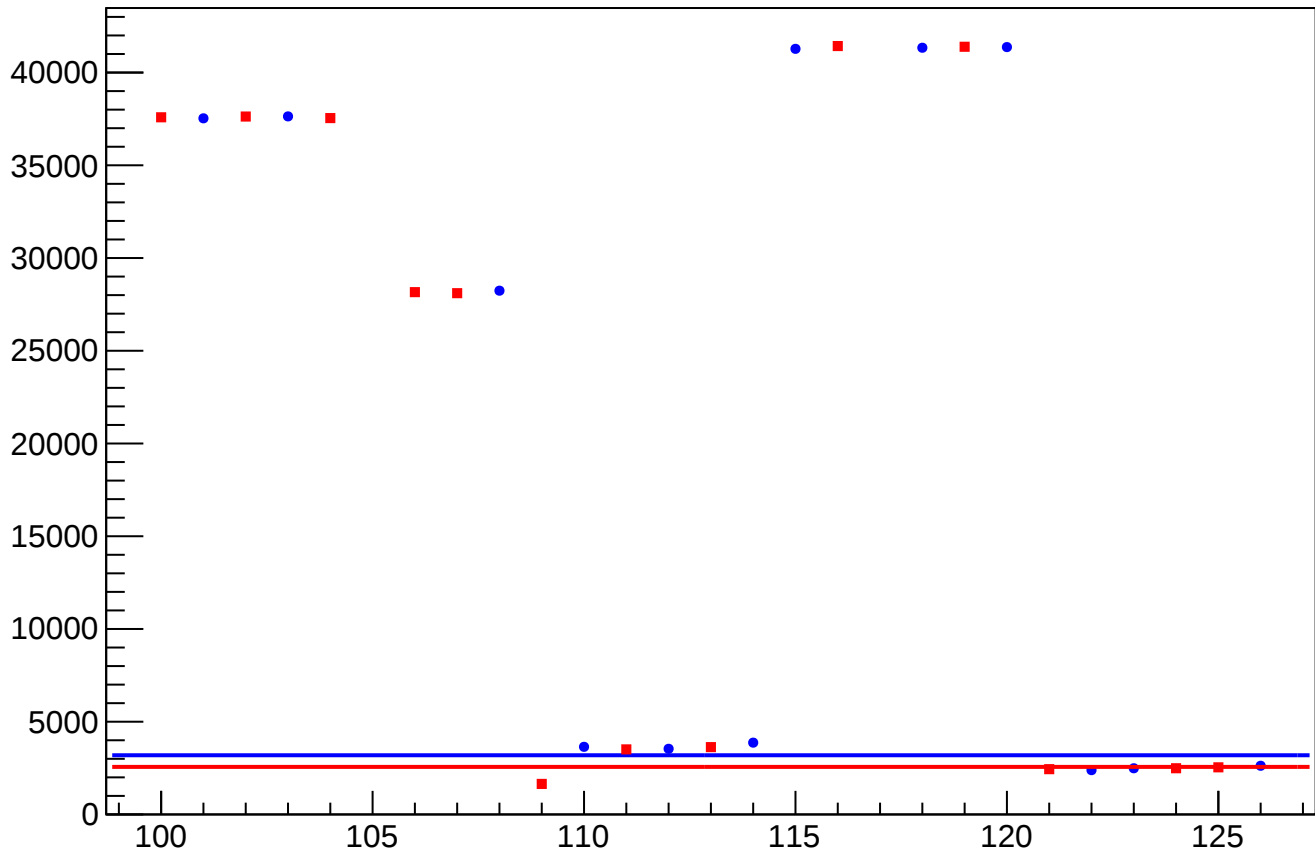
Right: 2.436+/-1.377 χ^2/NDF : 29.1/24

In: 2.983+/-2.212 χ^2/NDF : 21.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.436+/-1.377 χ^2/NDF : 29.1/24

diff_bpm1p02bY_rms vs Slug, Sign Corrected



Right In: 3192.033+/-1.564 χ^2/NDF : 4350125.2/11

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

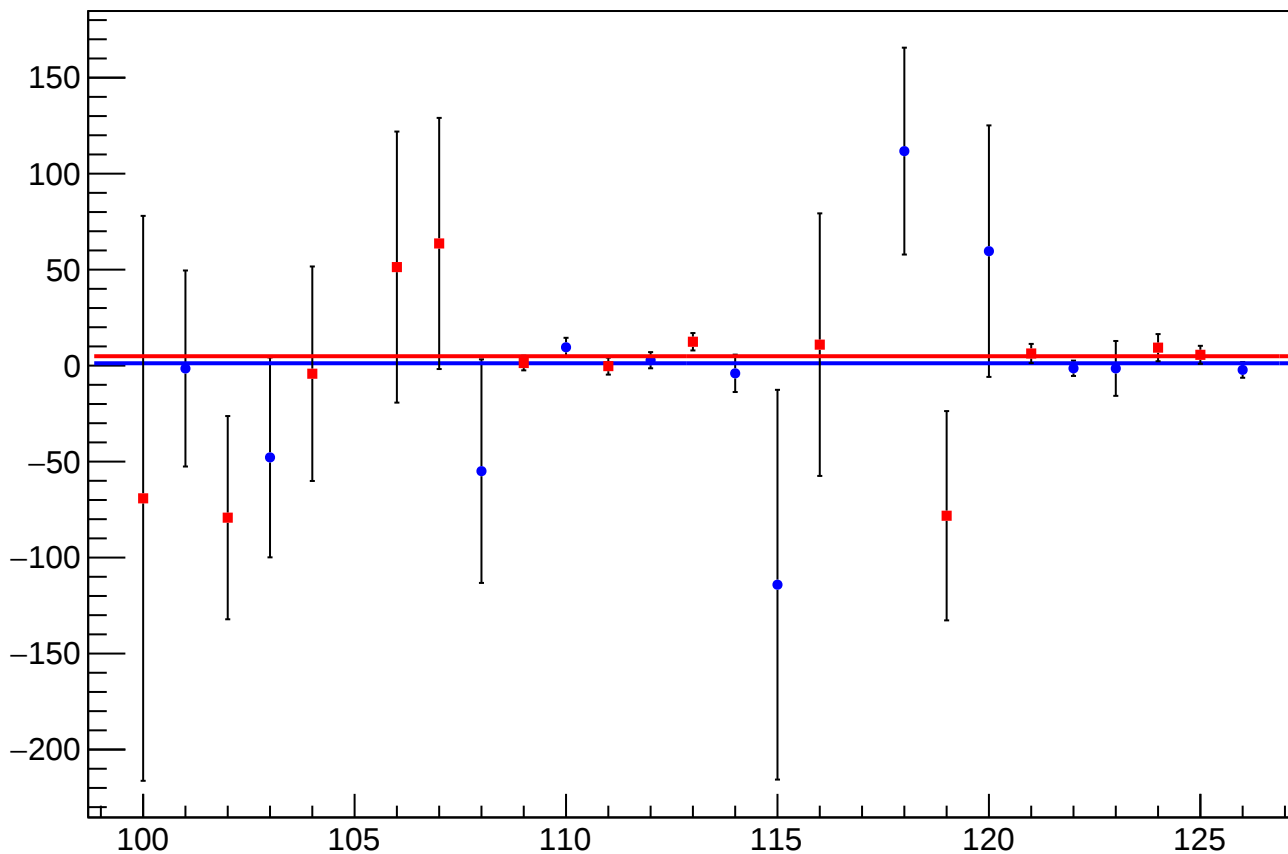
Right: 2807.520+/-0.974 χ^2/NDF : 9188081.1/24

In: 3192.033+/-1.564 χ^2/NDF : 4350125.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2807.520+/-0.974 χ^2/NDF : 9188081.1/24

diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: 1.228+/-2.055 χ^2/NDF : 12.6/11

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

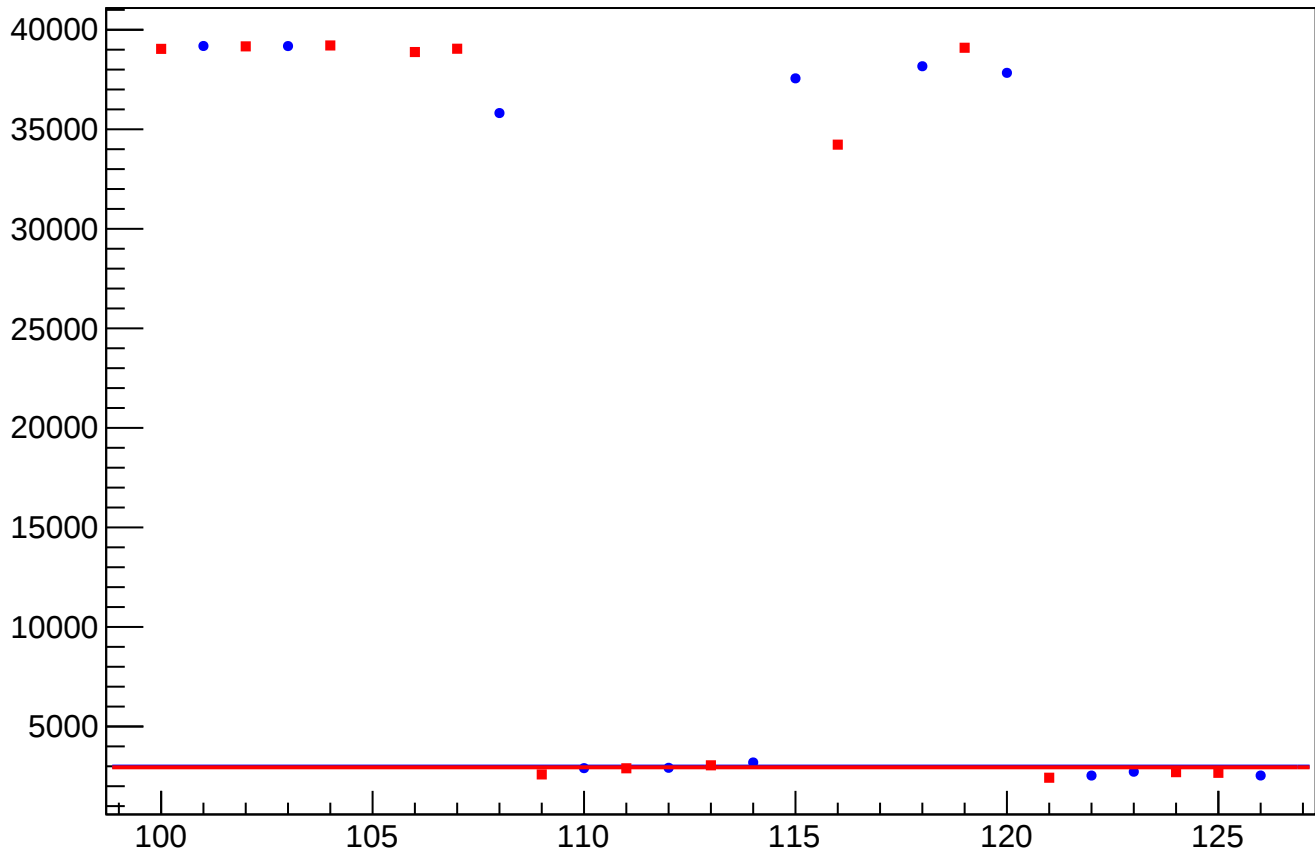
Right: 3.201+/-1.397 χ^2/NDF : 26.2/24

In: 1.228+/-2.055 χ^2/NDF : 12.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.201+/-1.397 χ^2/NDF : 26.2/24

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 2985.471+/-1.453 χ^2/NDF : 4309715.8/11

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

Right Out: 2949.355+/-1.346 χ^2/NDF : 4373920.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

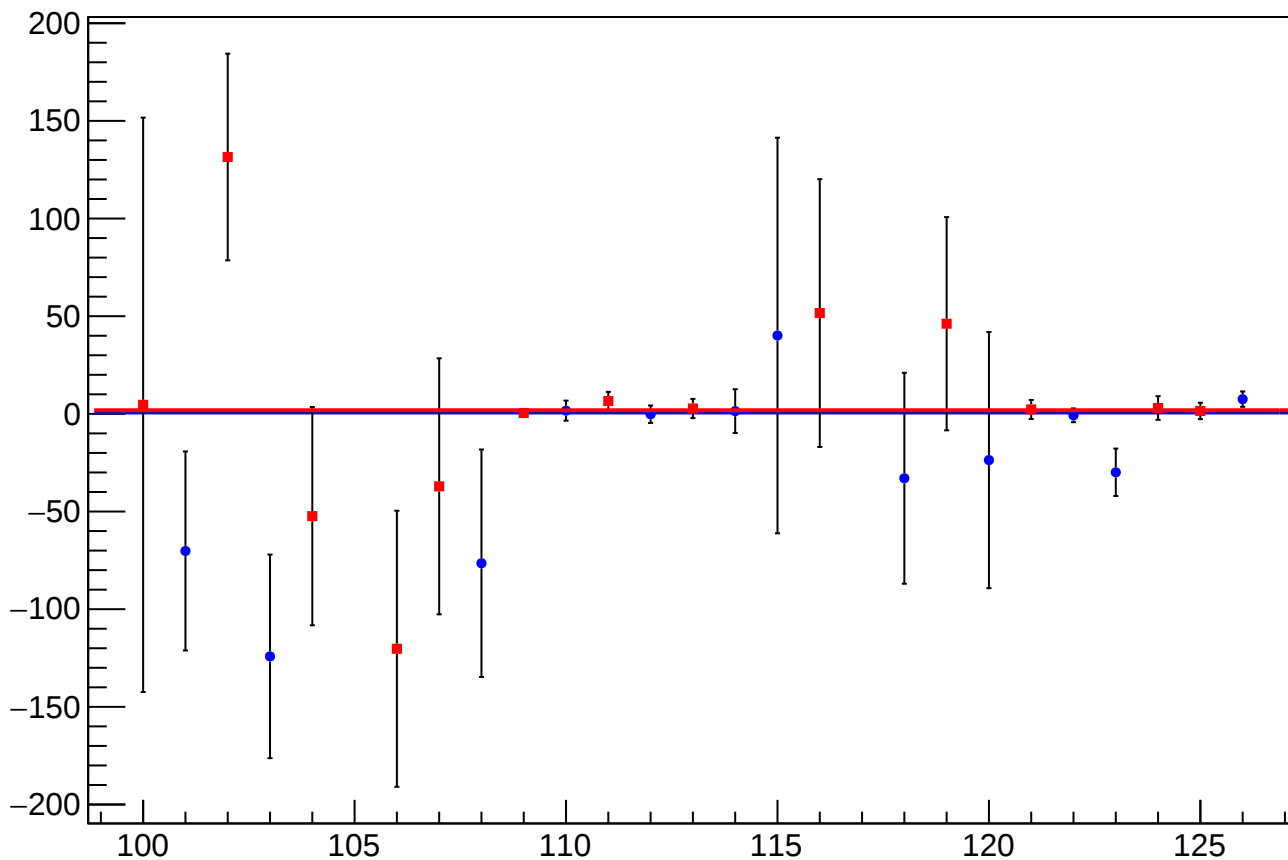
Right: 2966.037+/-0.988 χ^2/NDF : 8683968.4/24

In: 2985.471+/-1.453 χ^2/NDF : 4309715.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2966.037+/-0.988 χ^2/NDF : 8683968.4/24

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: 0.727+/-2.002 χ^2/NDF : 19.7/11

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

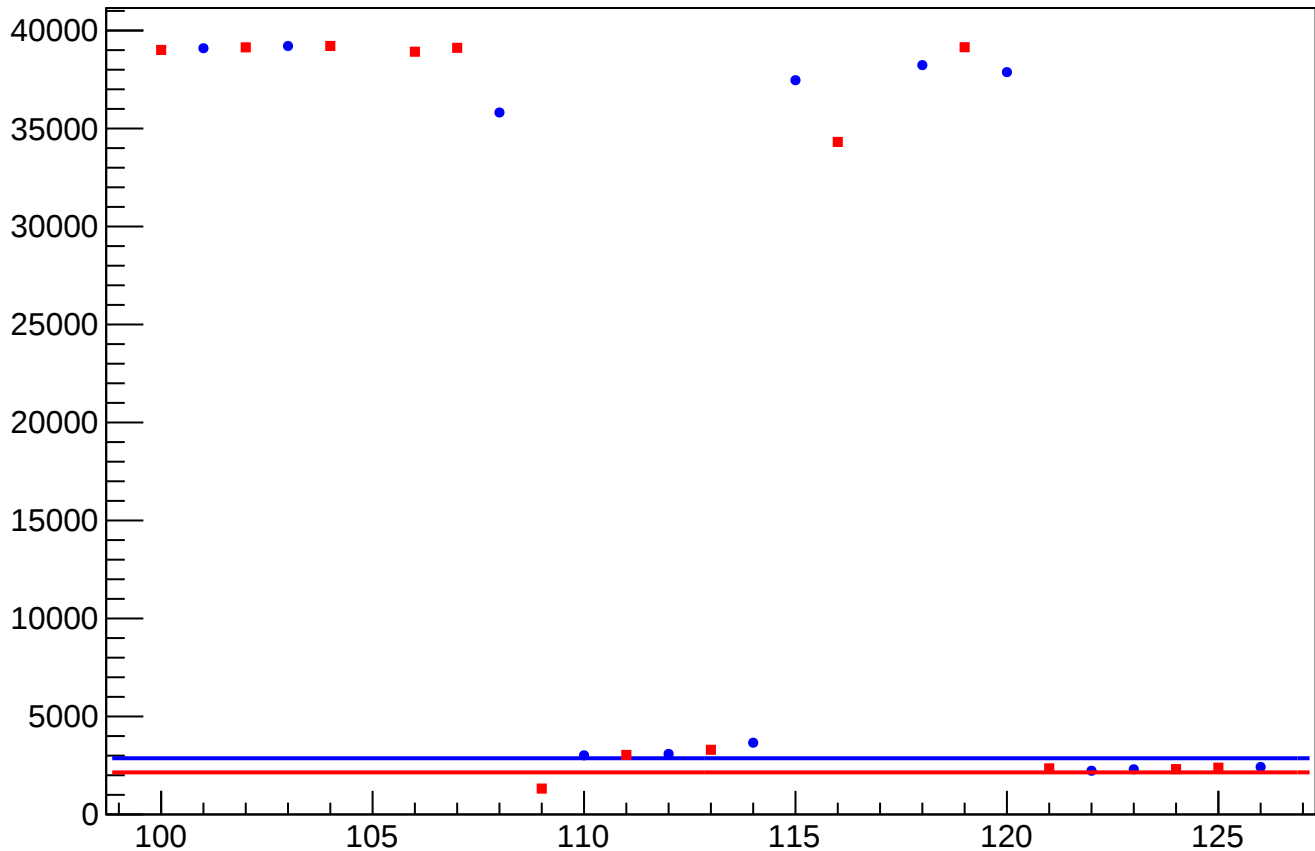
Right: 1.429+/-1.216 χ^2/NDF : 32.9/24

In: 0.727+/-2.002 χ^2/NDF : 19.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.429+/-1.216 χ^2/NDF : 32.9/24

diff_bpm1p03aY_rms vs Slug, Sign Corrected



Right In: 2868.007+/-1.416 χ^2/NDF : 4398116.5/11

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

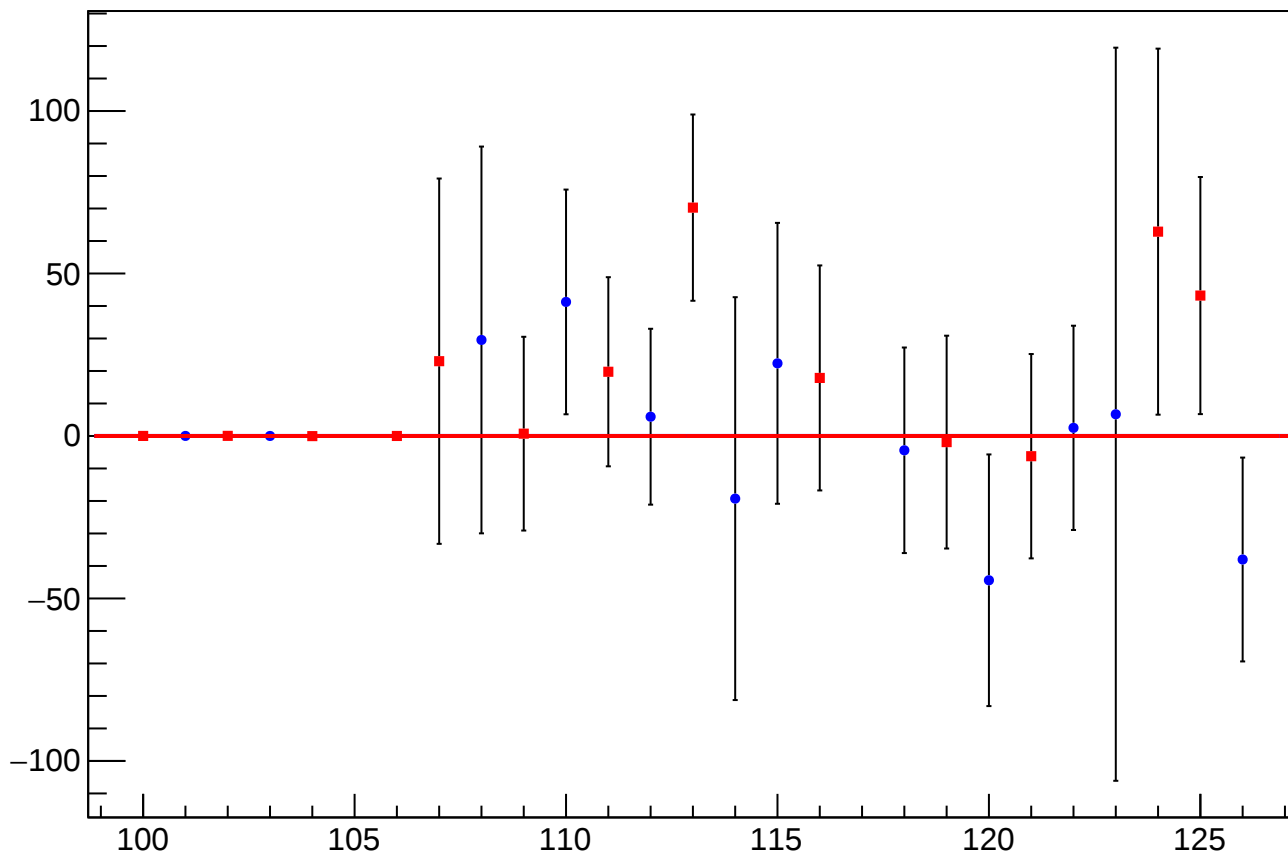
Right: 2412.749+/-0.860 χ^2/NDF : 9566628.2/24

In: 2868.007+/-1.416 χ^2/NDF : 4398116.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2412.749+/-0.860 χ^2/NDF : 9566628.2/24

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.017 χ^2/NDF : 5.0/11

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

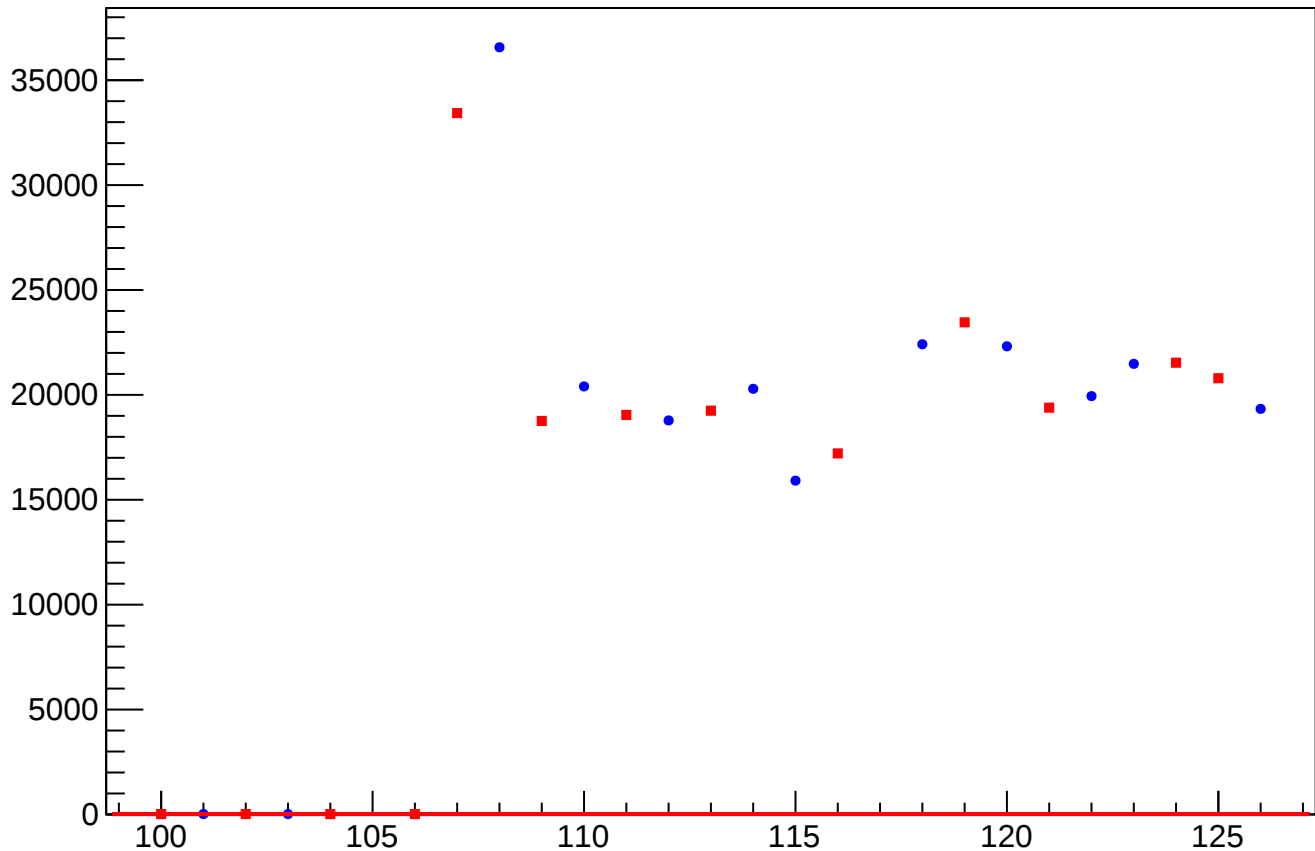
Right: 0.004+/-0.012 χ^2/NDF : 20.0/24

In: 0.013+/-0.017 χ^2/NDF : 5.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.012 χ^2/NDF : 20.0/24

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 18.604+/-0.012 χ^2/NDF : 6207542.8/11

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

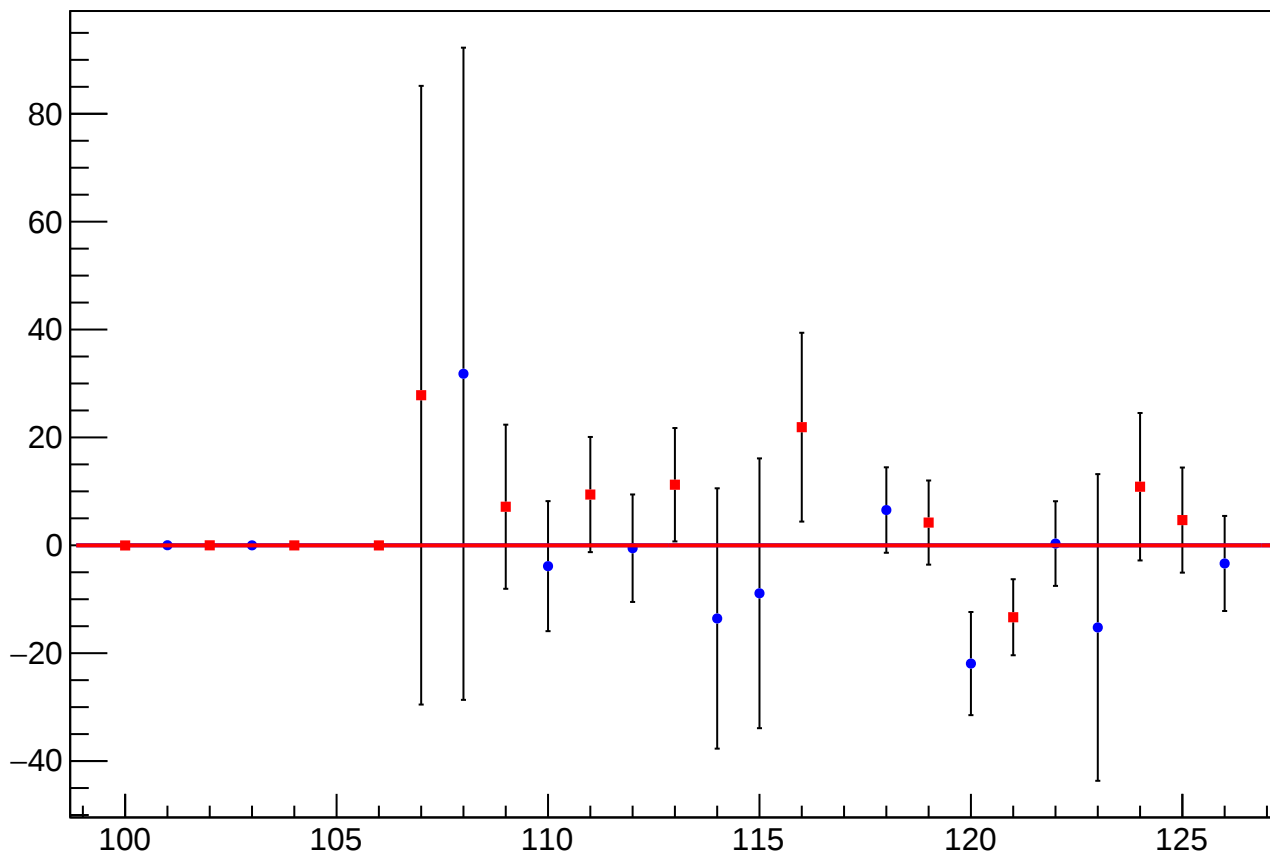
Right: 18.431+/-0.008 χ^2/NDF : 12690501.9/24

In: 18.604+/-0.012 χ^2/NDF : 6207542.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.431+/-0.008 χ^2/NDF : 12690501.9/24

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.009 χ^2/NDF : 8.3/11

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

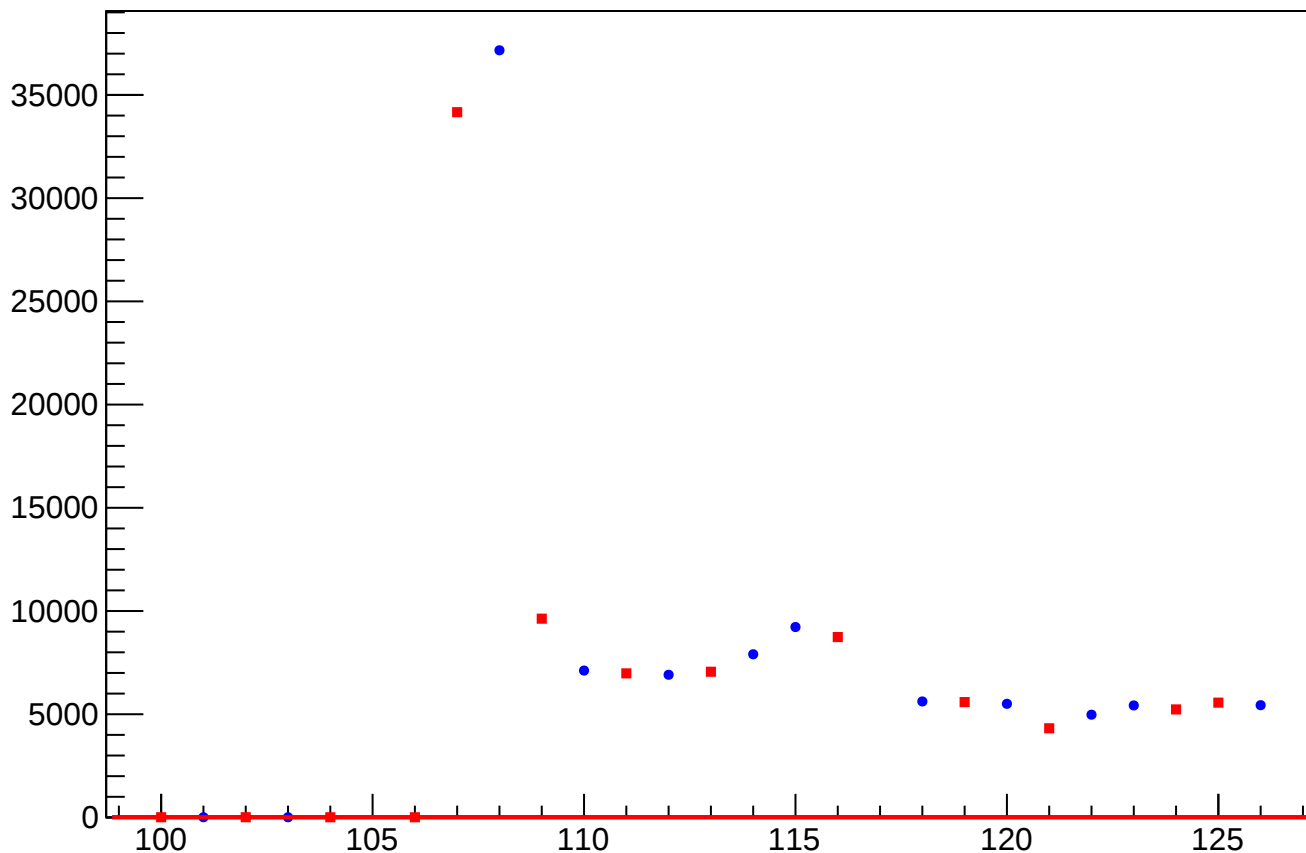
Right: -0.007+/-0.006 χ^2/NDF : 19.1/24

In: 0.001+/-0.009 χ^2/NDF : 8.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.006 χ^2/NDF : 19.1/24

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 9.894+/-0.007 χ^2/NDF : 6202913.2/11

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

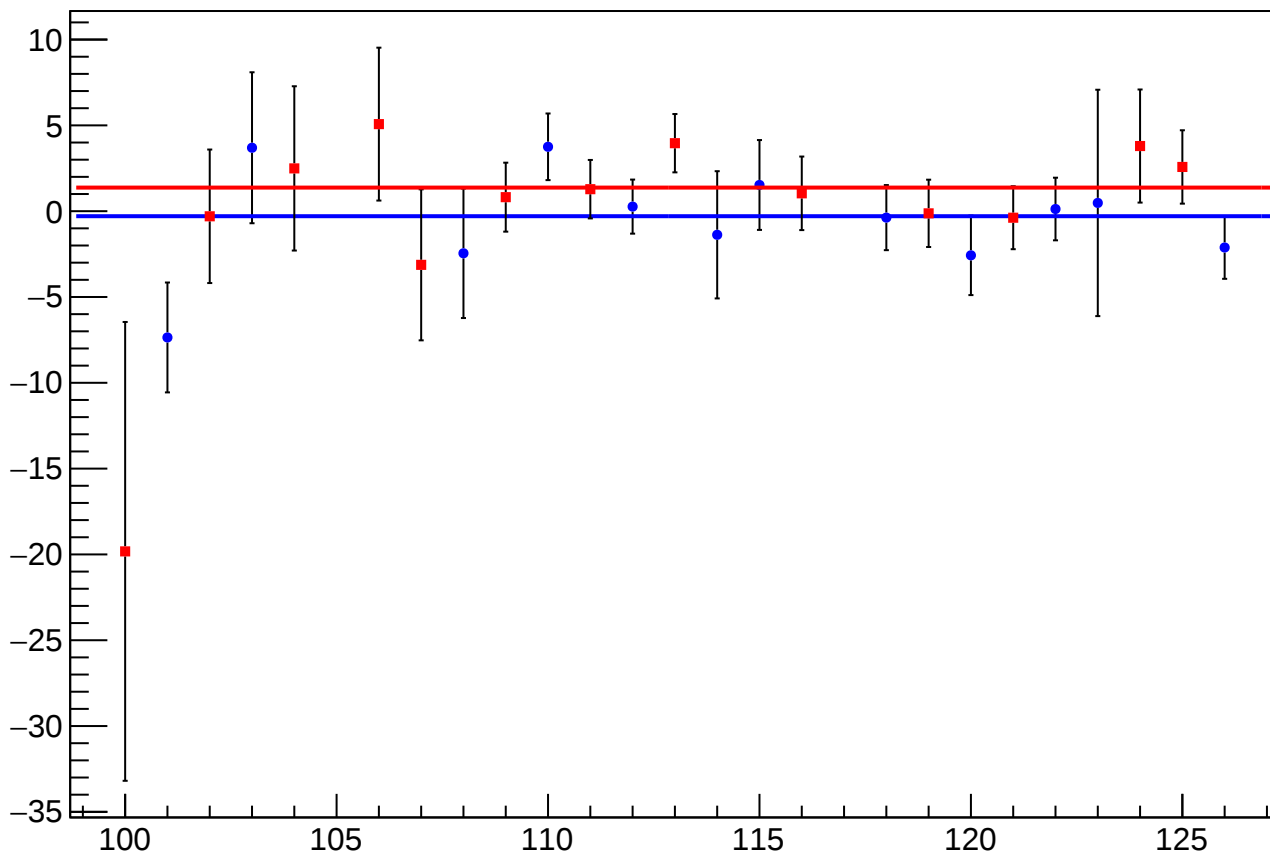
Right: 9.853+/-0.004 χ^2/NDF : 12687428.4/24

In: 9.894+/-0.007 χ^2/NDF : 6202913.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.853+/-0.004 χ^2/NDF : 12687428.4/24

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.293 ± 0.675 χ^2/NDF : 13.1/11

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

Right Out: 1.375 ± 0.668 χ^2/NDF : 9.3/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

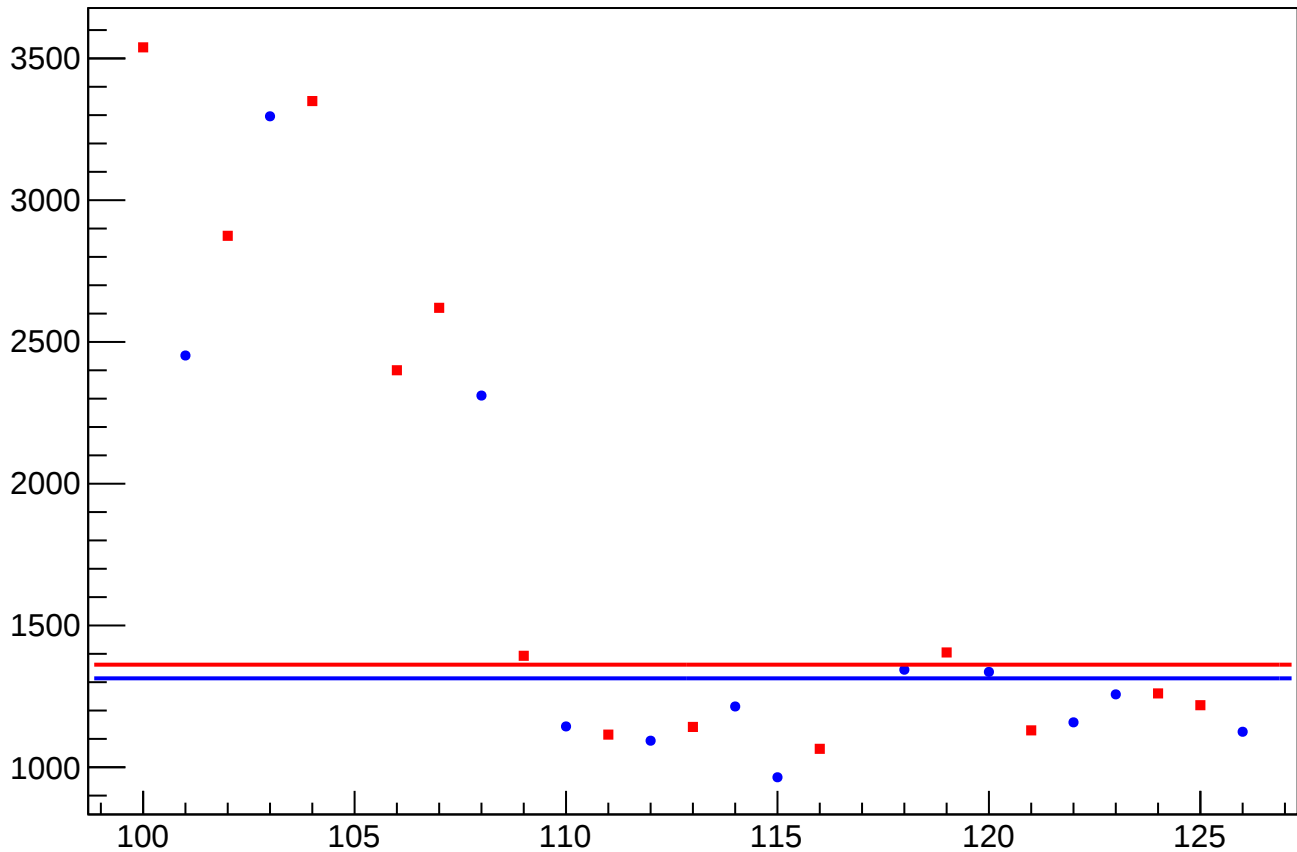
Right: 0.550 ± 0.475 χ^2/NDF : 25.4/24

In: -0.293 ± 0.675 χ^2/NDF : 13.1/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.550 ± 0.475 χ^2/NDF : 25.4/24

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 1313.551+/-0.477 χ^2/NDF : 926835.6/11

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

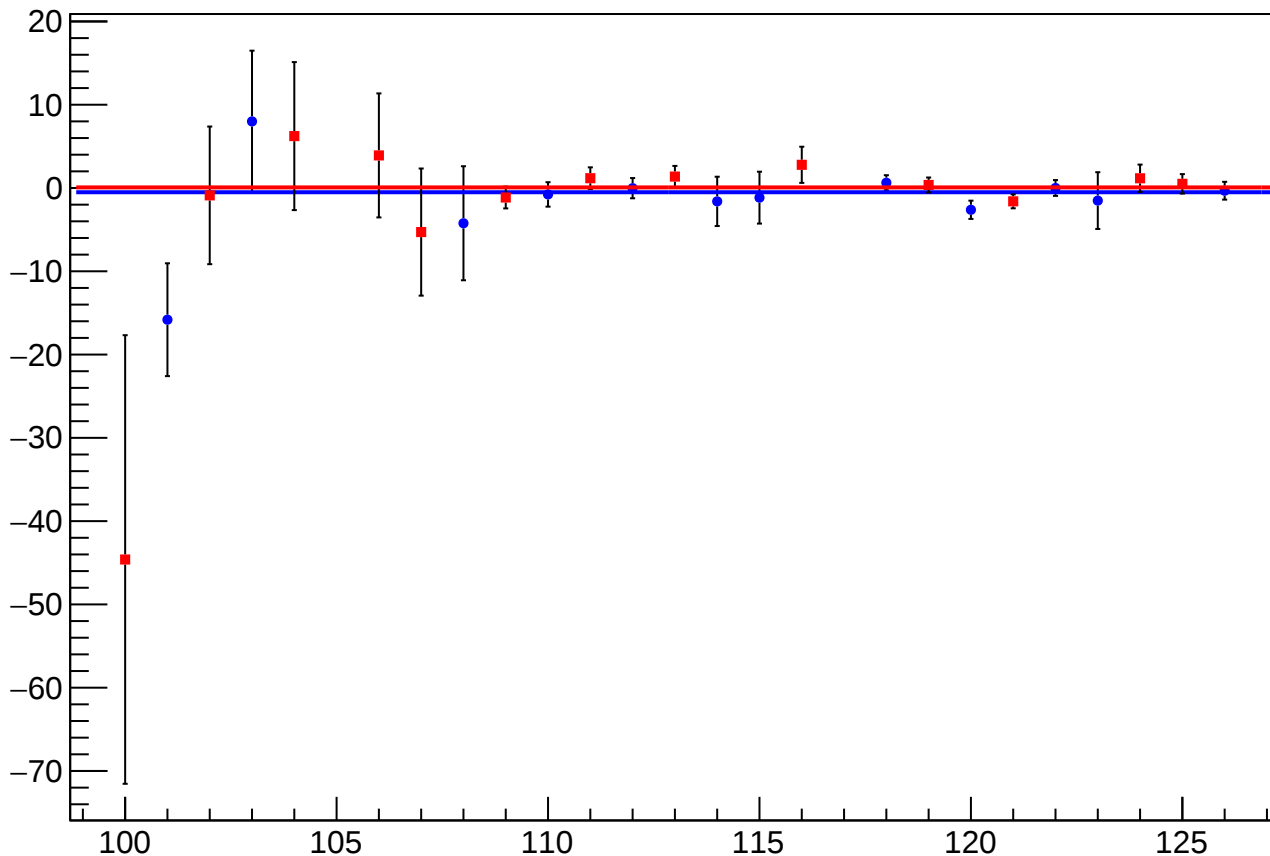
Right: 1337.914+/-0.336 χ^2/NDF : 2062815.5/24

In: 1313.551+/-0.477 χ^2/NDF : 926835.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1337.914+/-0.336 χ^2/NDF : 2062815.5/24

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.508 ± 0.425 χ^2/NDF : 12.5/11

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

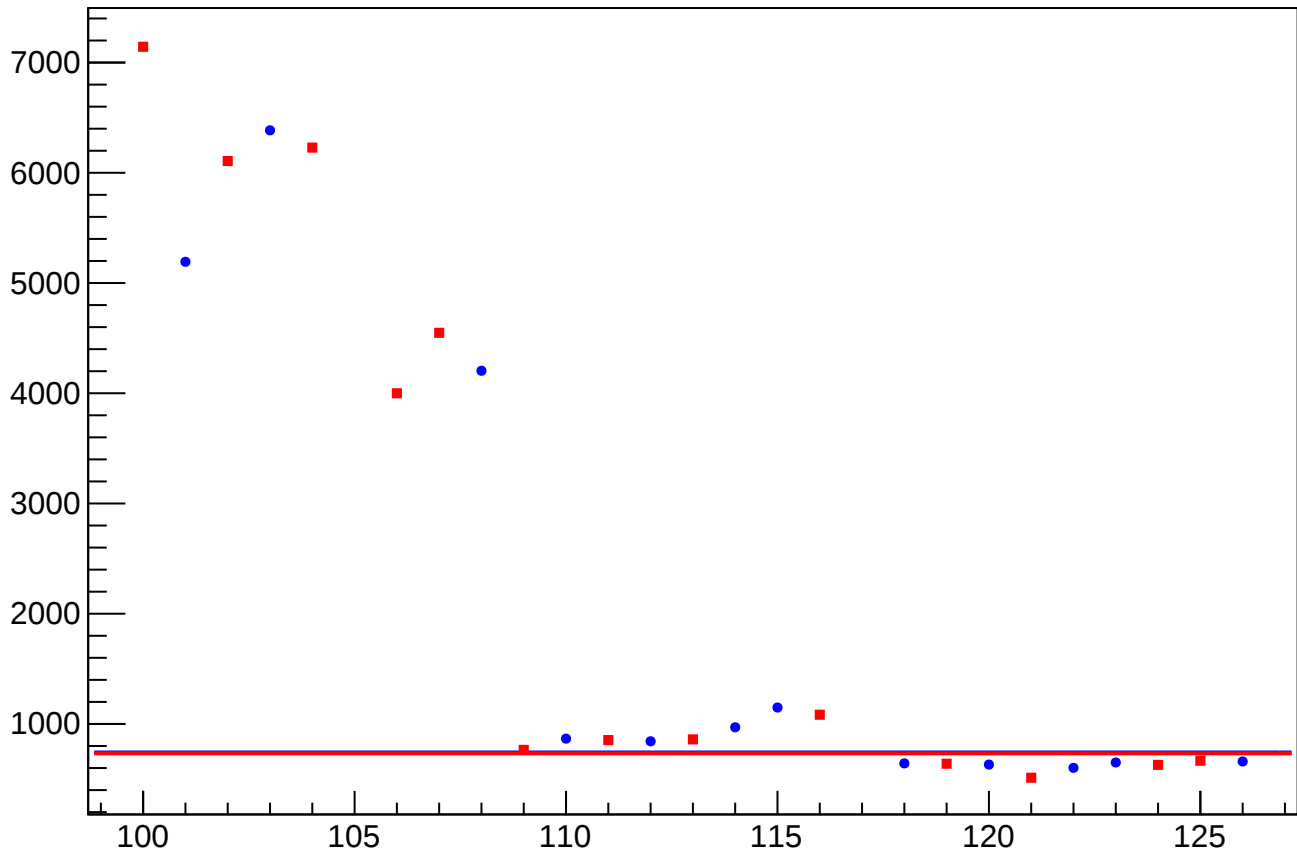
Right: -0.210 ± 0.296 χ^2/NDF : 26.3/24

In: -0.508 ± 0.425 χ^2/NDF : 12.5/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.210 ± 0.296 χ^2/NDF : 26.3/24

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 740.975+/-0.300 χ^2/NDF : 2433372.0/11

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

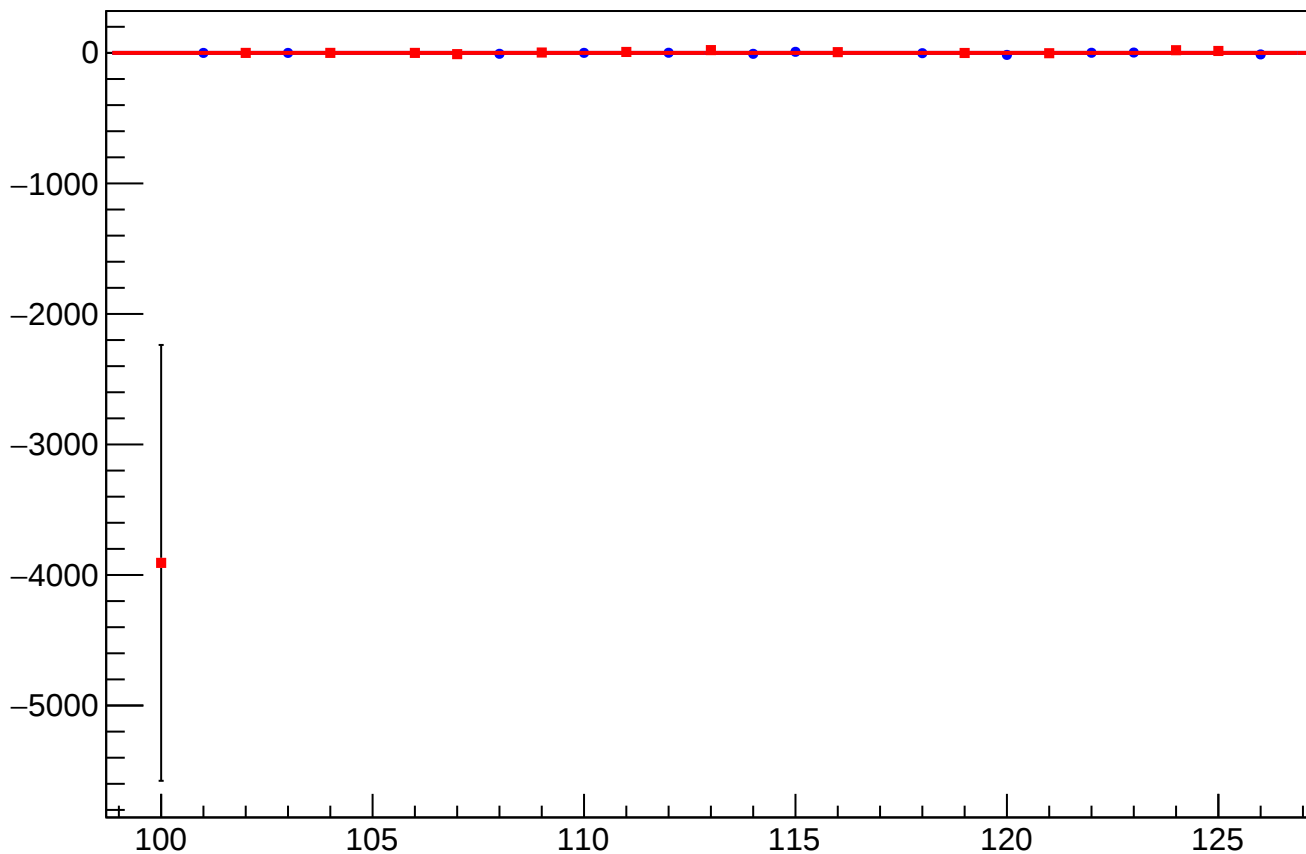
Right: 737.179+/-0.210 χ^2/NDF : 5308064.2/24

In: 740.975+/-0.300 χ^2/NDF : 2433372.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 737.179+/-0.210 χ^2/NDF : 5308064.2/24

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.021 $\pm$ 0.021 χ^2 /NDF: 4.1/11

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

Right Out: 0.027 $\pm$ 0.020 χ^2 /NDF: 16.2/12

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

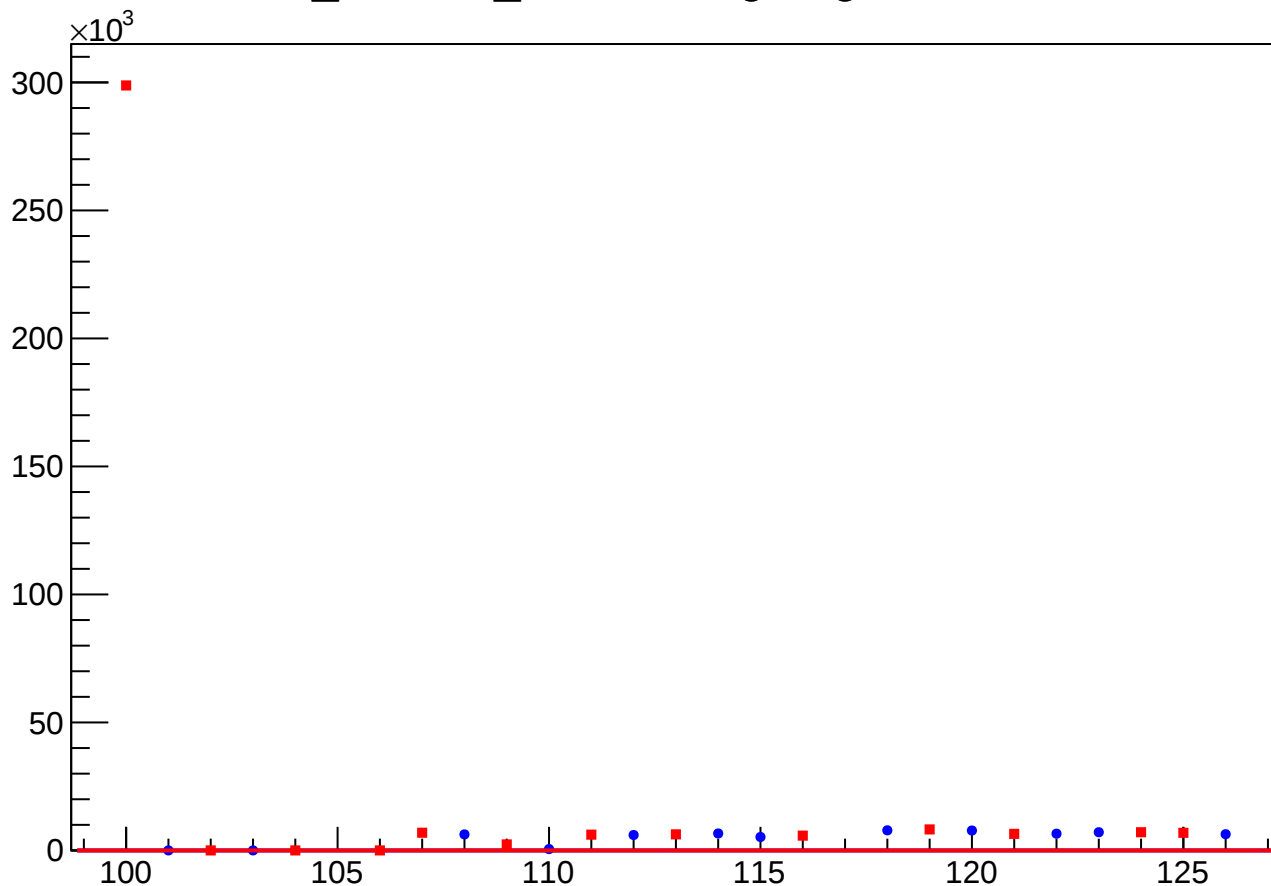
Right: 0.004 $\pm$ 0.014 χ^2 /NDF: 23.1/24

In: -0.021 $\pm$ 0.021 χ^2 /NDF:4.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.014 χ^2 /NDF: 23.1/24

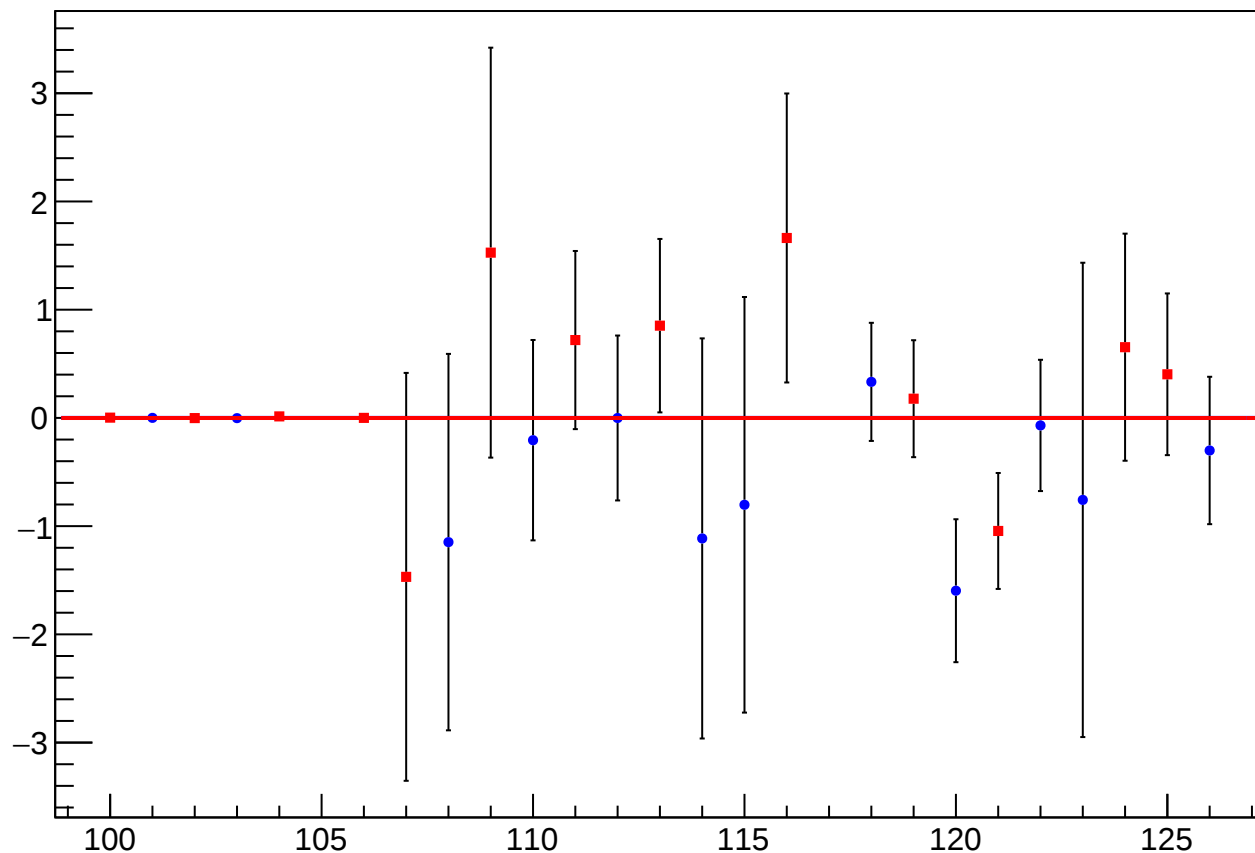
diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 17.180 $\pm$ 0.015 χ^2 /NDF: 5728284.5/11
 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: 17.158 $\pm$ 0.010 χ^2 /NDF: 11932329.9/24
 In: 17.180 $\pm$ 0.015 χ^2 /NDF:5728284.5/11
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 17.158 $\pm$ 0.010 χ^2 /NDF: 11932329.9/24

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.002 χ^2/NDF : 7.8/11

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

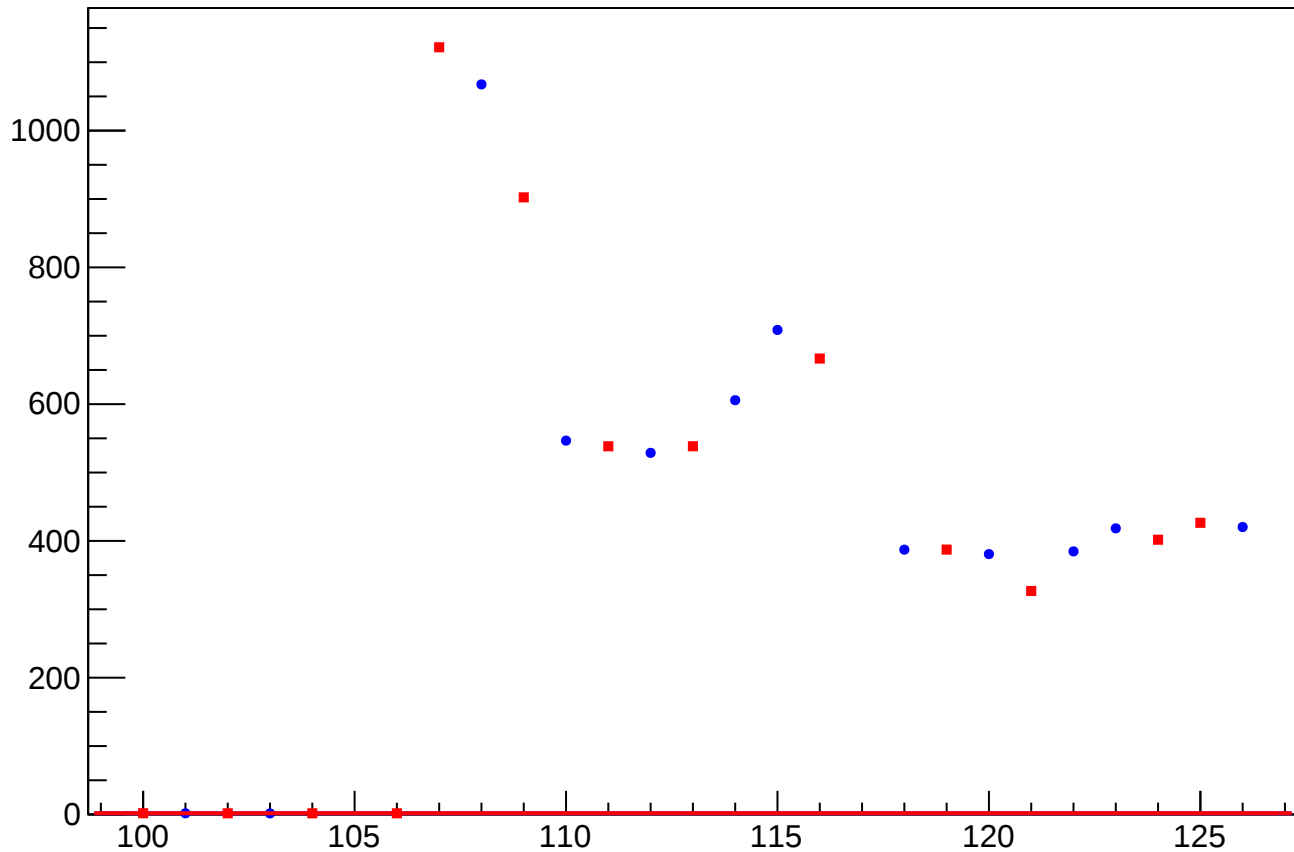
Right: -0.000+/-0.001 χ^2/NDF : 18.2/24

In: 0.000+/-0.002 χ^2/NDF : 7.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.001 χ^2/NDF : 18.2/24

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 1.671+/-0.001 χ^2/NDF : 6170246.3/11

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

Right Out: 1.703+/-0.001 χ^2/NDF : 6095005.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

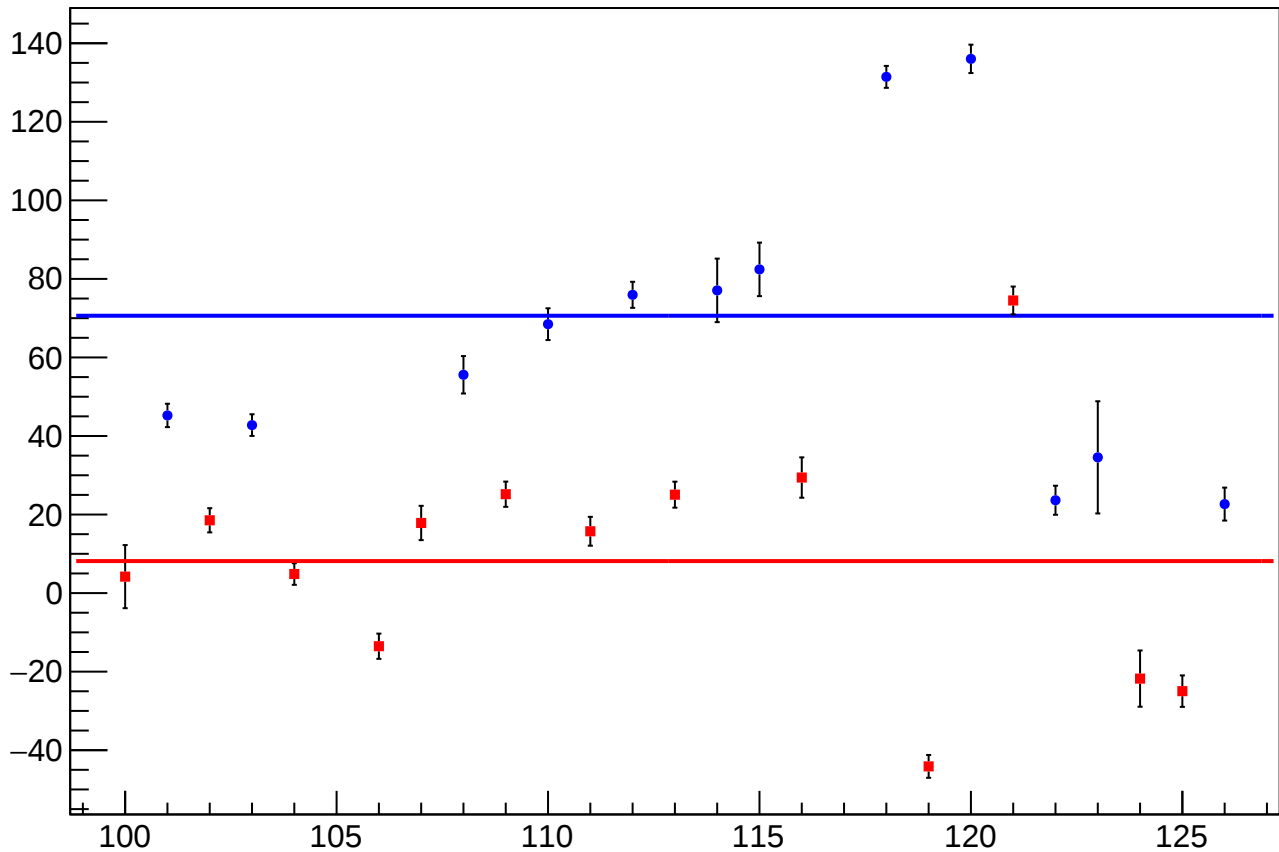
Right: 1.688+/-0.001 χ^2/NDF : 12265505.7/24

In: 1.671+/-0.001 χ^2/NDF :6170246.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.688+/-0.001 χ^2/NDF : 12265505.7/24

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 70.619+/-1.106 χ^2/NDF : 1292.0/11

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

Right Out: 8.150+/-1.009 χ^2/NDF : 898.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

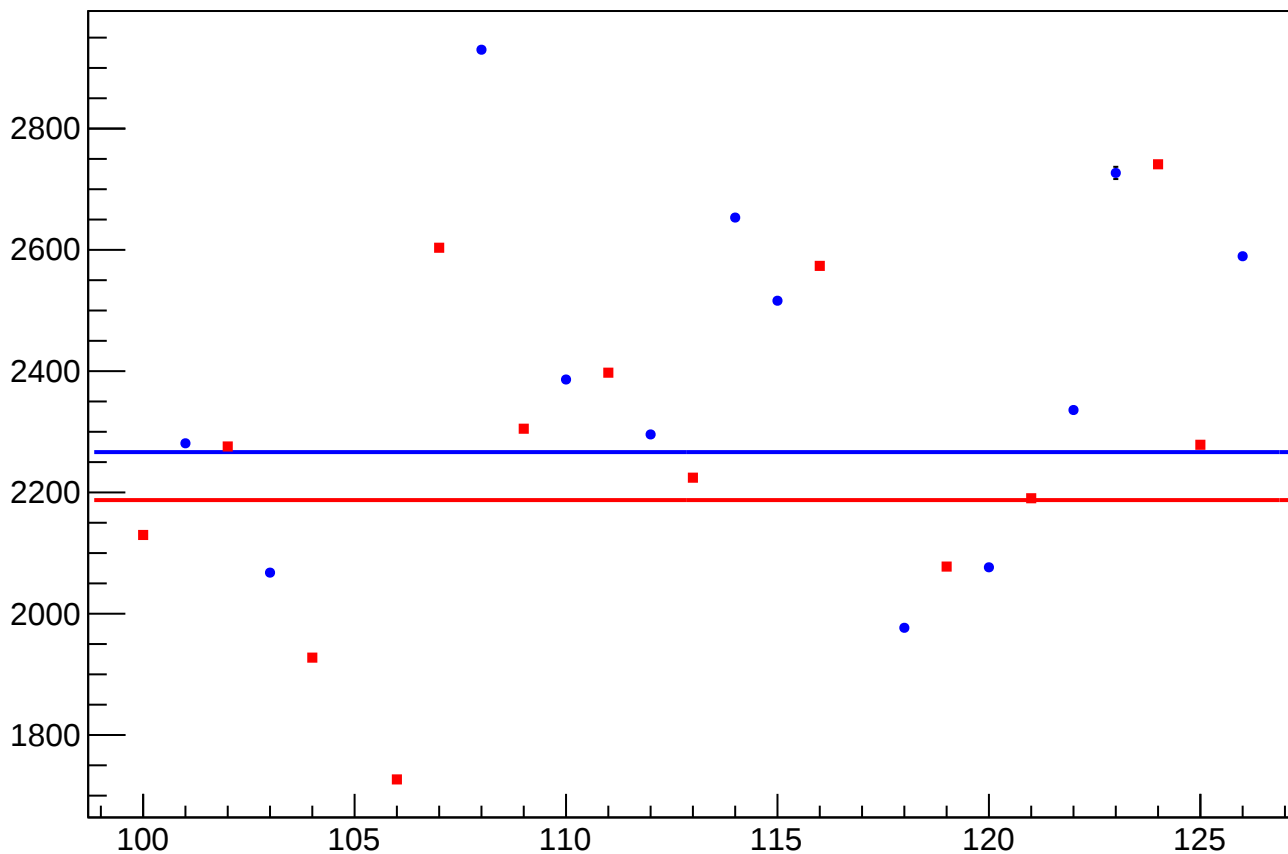
Right: 36.520+/-0.746 χ^2/NDF : 3930.7/24

In: 70.619+/-1.106 χ^2/NDF : 1292.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.520+/-0.746 χ^2/NDF : 3930.7/24

diff_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 2266.509+/-0.782 χ^2/NDF : 100073.6/11

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

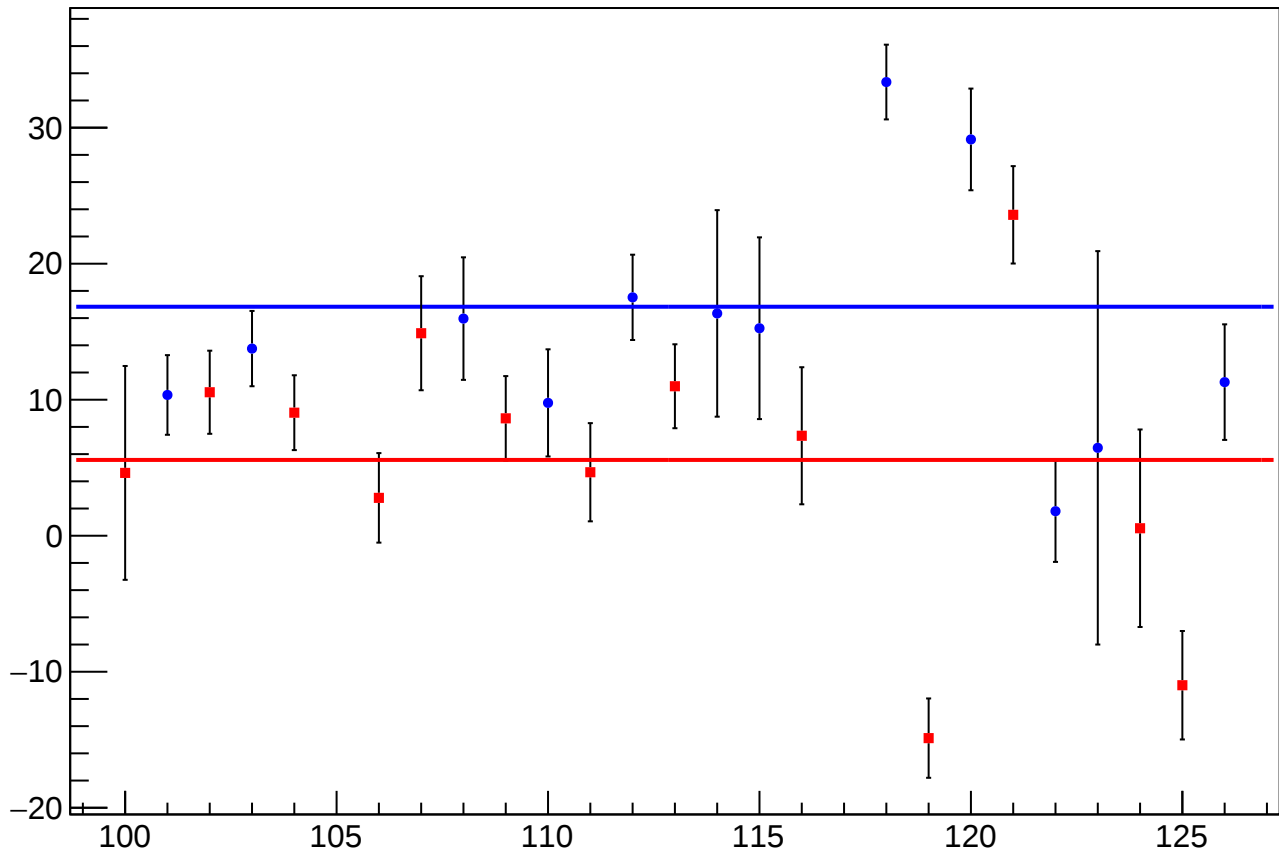
Right: 2223.317+/-0.527 χ^2/NDF : 221146.3/24

In: 2266.509+/-0.782 χ^2/NDF : 100073.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2223.317+/-0.527 χ^2/NDF : 221146.3/24

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 16.836+/-1.092 χ^2/NDF : 75.0/11

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

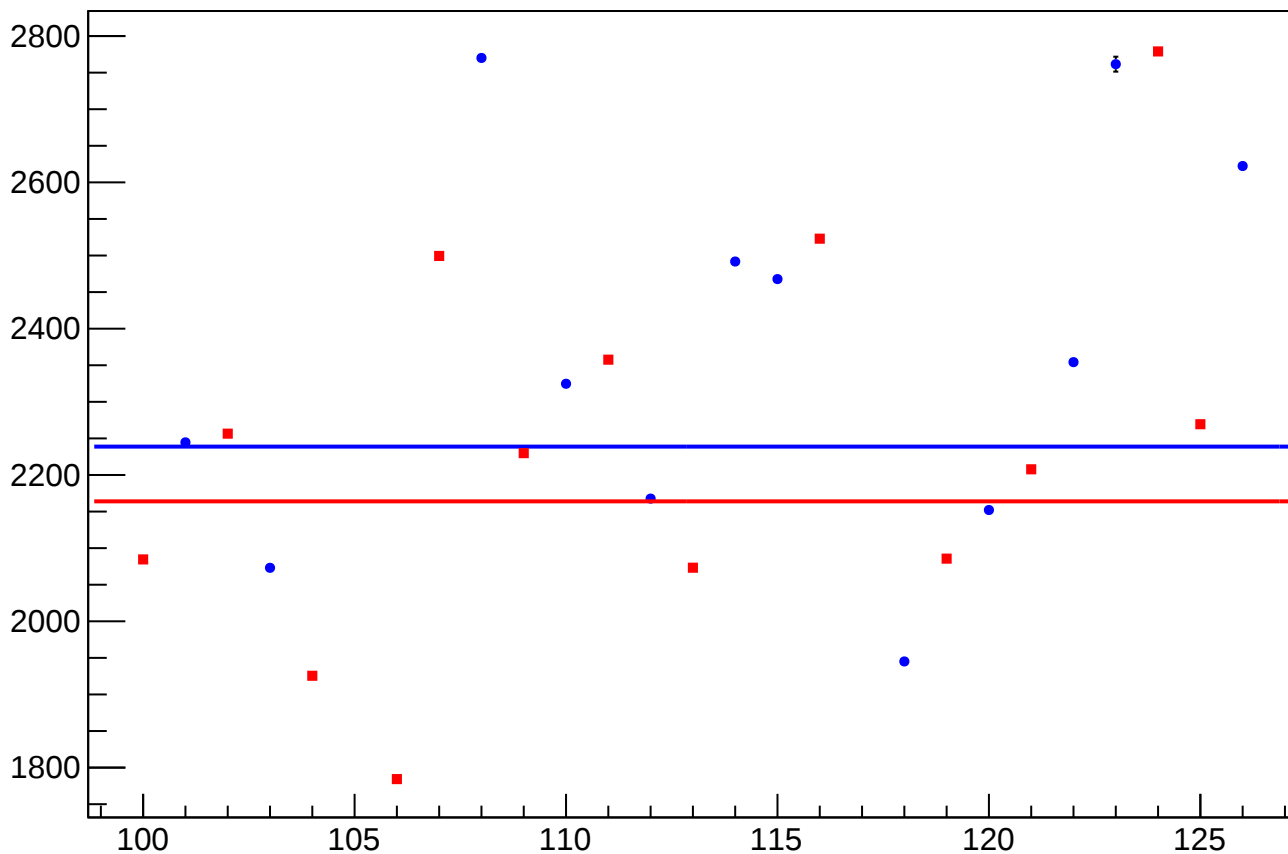
Right: 10.691+/-0.736 χ^2/NDF : 239.4/24

In: 16.836+/-1.092 χ^2/NDF : 75.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.691+/-0.736 χ^2/NDF : 239.4/24

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2238.795+/-0.772 χ^2/NDF : 86302.3/11

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

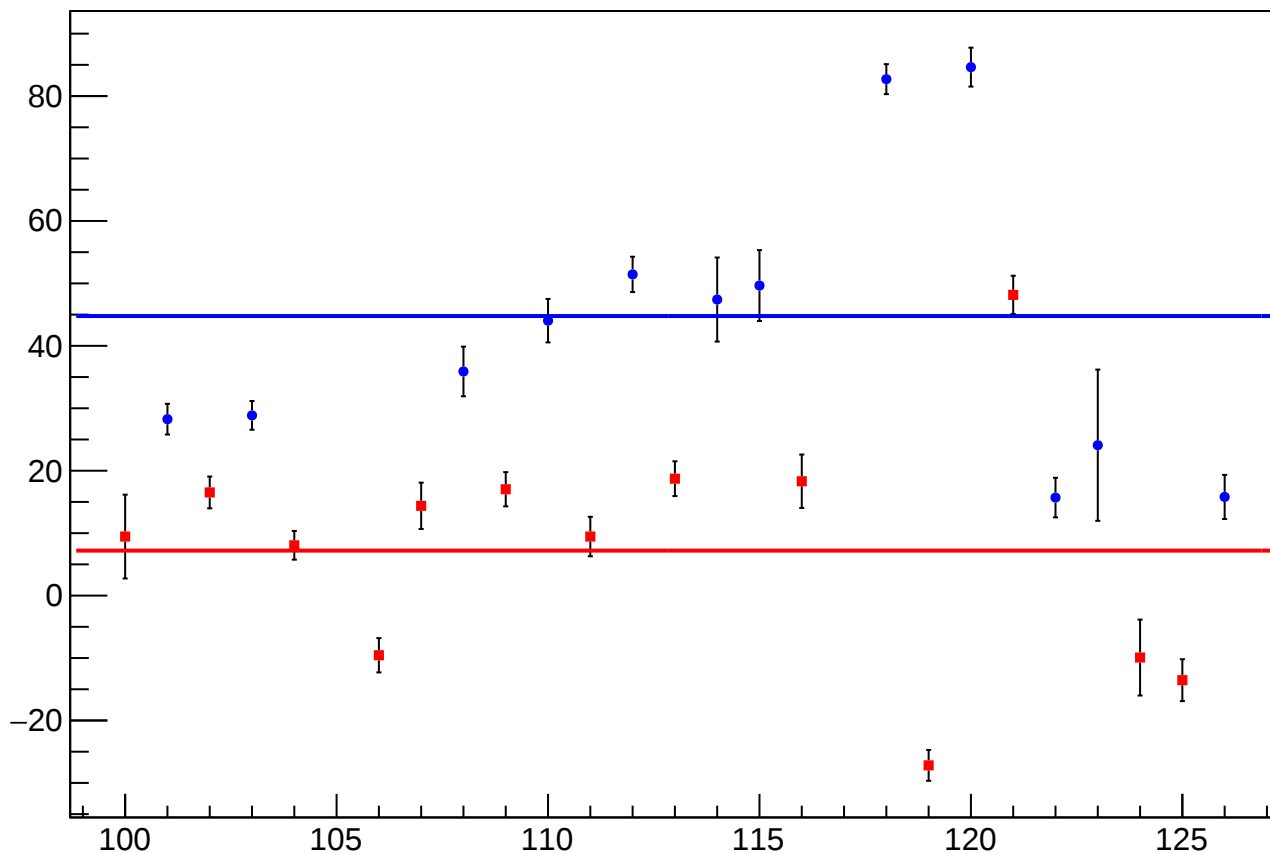
Right: 2197.962+/-0.521 χ^2/NDF : 183930.3/24

In: 2238.795+/-0.772 χ^2/NDF : 86302.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2197.962+/-0.521 χ^2/NDF : 183930.3/24

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 44.773+/-0.936 χ^2 /NDF: 671.4/11

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

Right Out: 7.205+/-0.853 χ^2 /NDF: 510.1/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

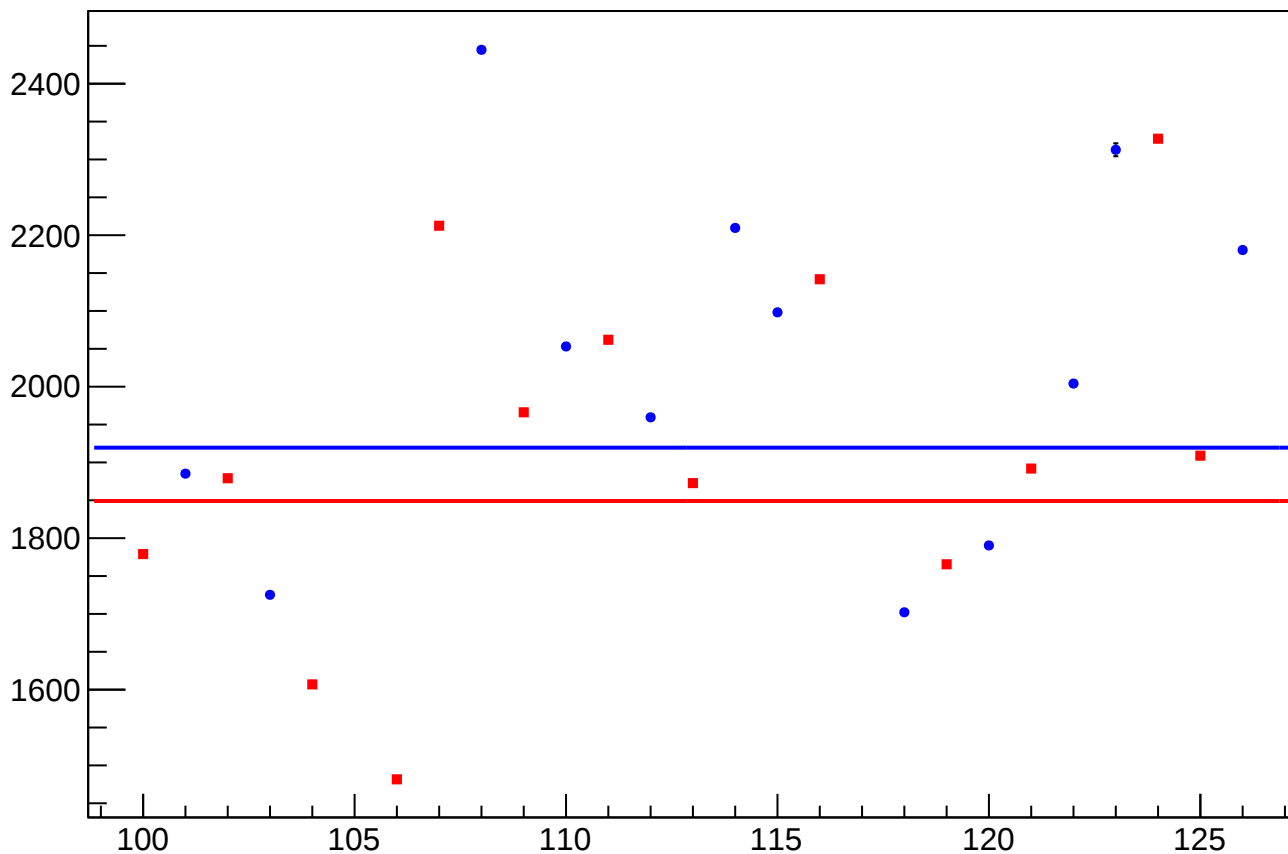
Right: 24.243+/-0.631 χ^2 /NDF: 2061.2/24

In: 44.773+/-0.936 χ^2 /NDF:671.4/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 24.243+/-0.631 χ^2 /NDF: 2061.2/24

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1919.498+/-0.662 χ^2/NDF : 92815.2/11

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

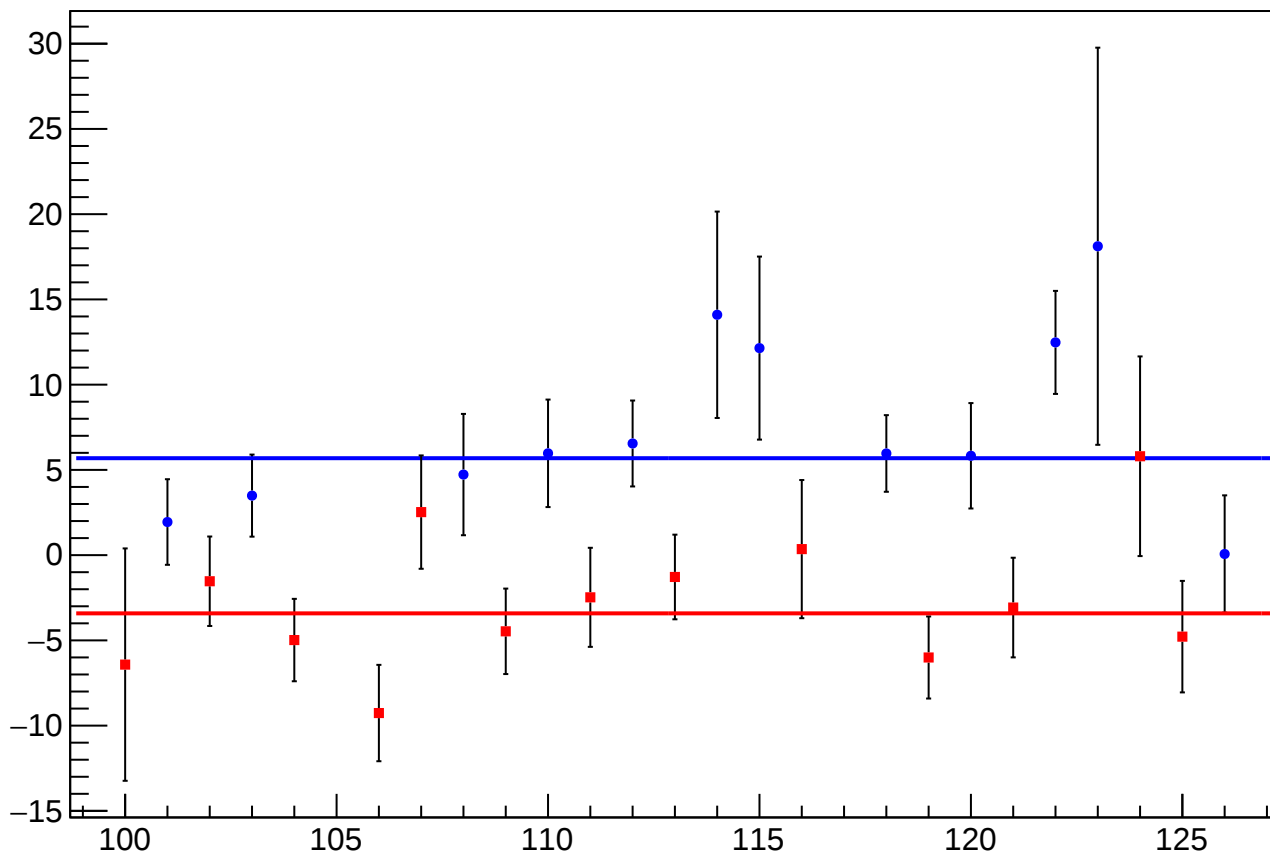
Right: 1881.005+/-0.446 χ^2/NDF : 214608.6/24

In: 1919.498+/-0.662 χ^2/NDF : 92815.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1881.005+/-0.446 χ^2/NDF : 214608.6/24

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 5.686+/-0.900 χ^2/NDF : 15.5/11

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

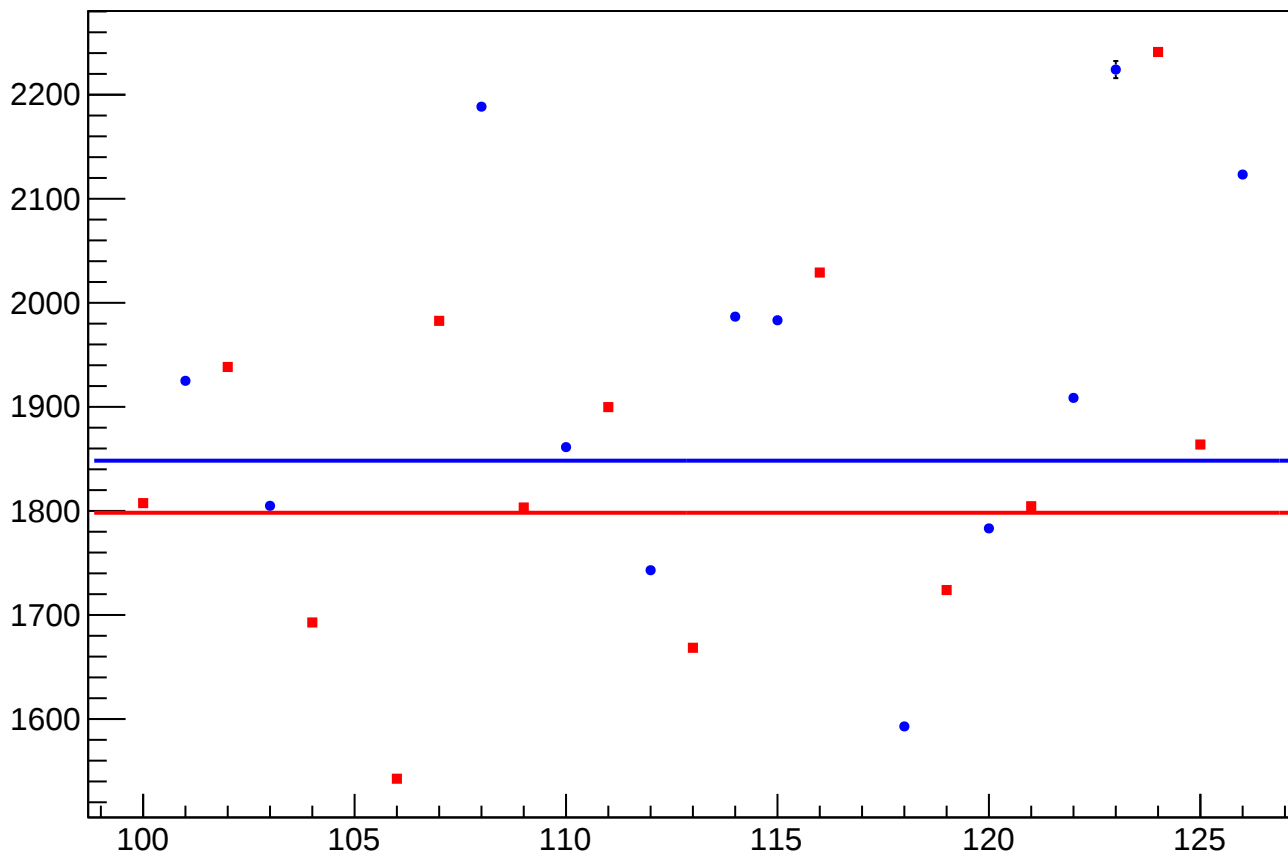
Right: 0.744+/-0.608 χ^2/NDF : 85.3/24

In: 5.686+/-0.900 χ^2/NDF : 15.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.744+/-0.608 χ^2/NDF : 85.3/24

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1848.294+/-0.636 χ^2/NDF : 69013.5/11

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

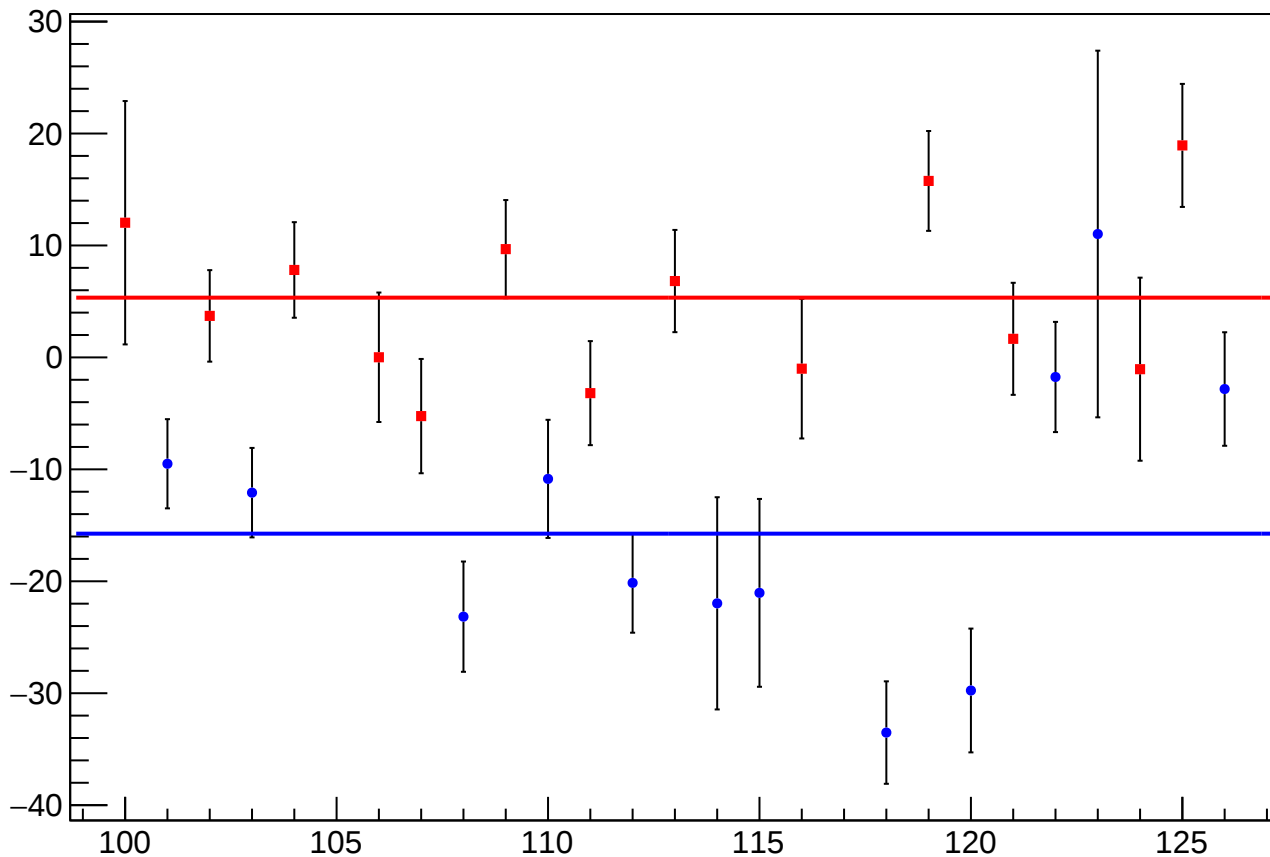
Right: 1821.112+/-0.430 χ^2/NDF : 132963.0/24

In: 1848.294+/-0.636 χ^2/NDF : 69013.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1821.112+/-0.430 χ^2/NDF : 132963.0/24

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -15.746+/-1.503 χ^2/NDF : 47.0/11

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

Right Out: 5.338+/-1.412 χ^2/NDF : 24.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

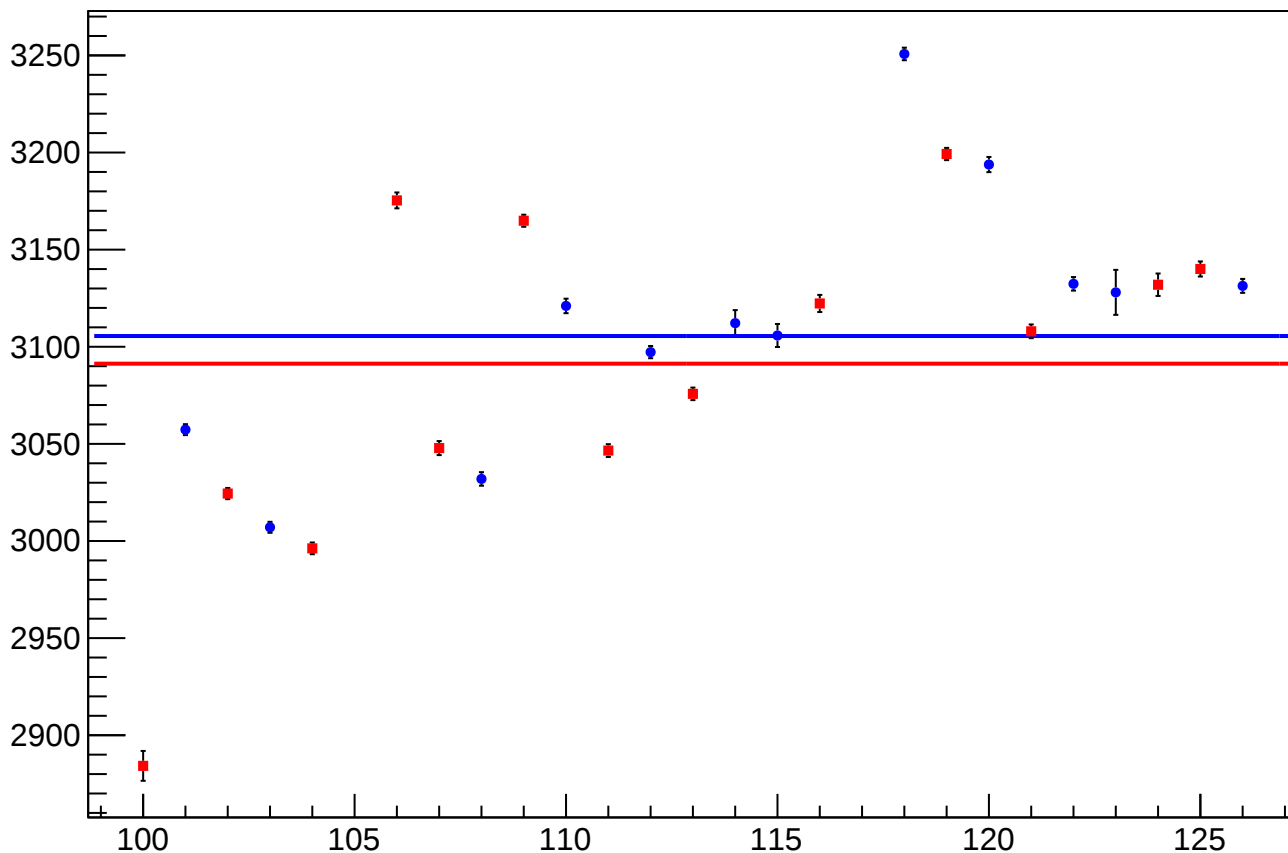
Right: -4.547+/-1.029 χ^2/NDF : 175.8/24

In: -15.746+/-1.503 χ^2/NDF : 47.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.547+/-1.029 χ^2/NDF : 175.8/24

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3105.523+/-1.063 χ^2/NDF : 4617.3/11

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

Right Out: 3091.292+/-0.998 χ^2/NDF : 5042.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

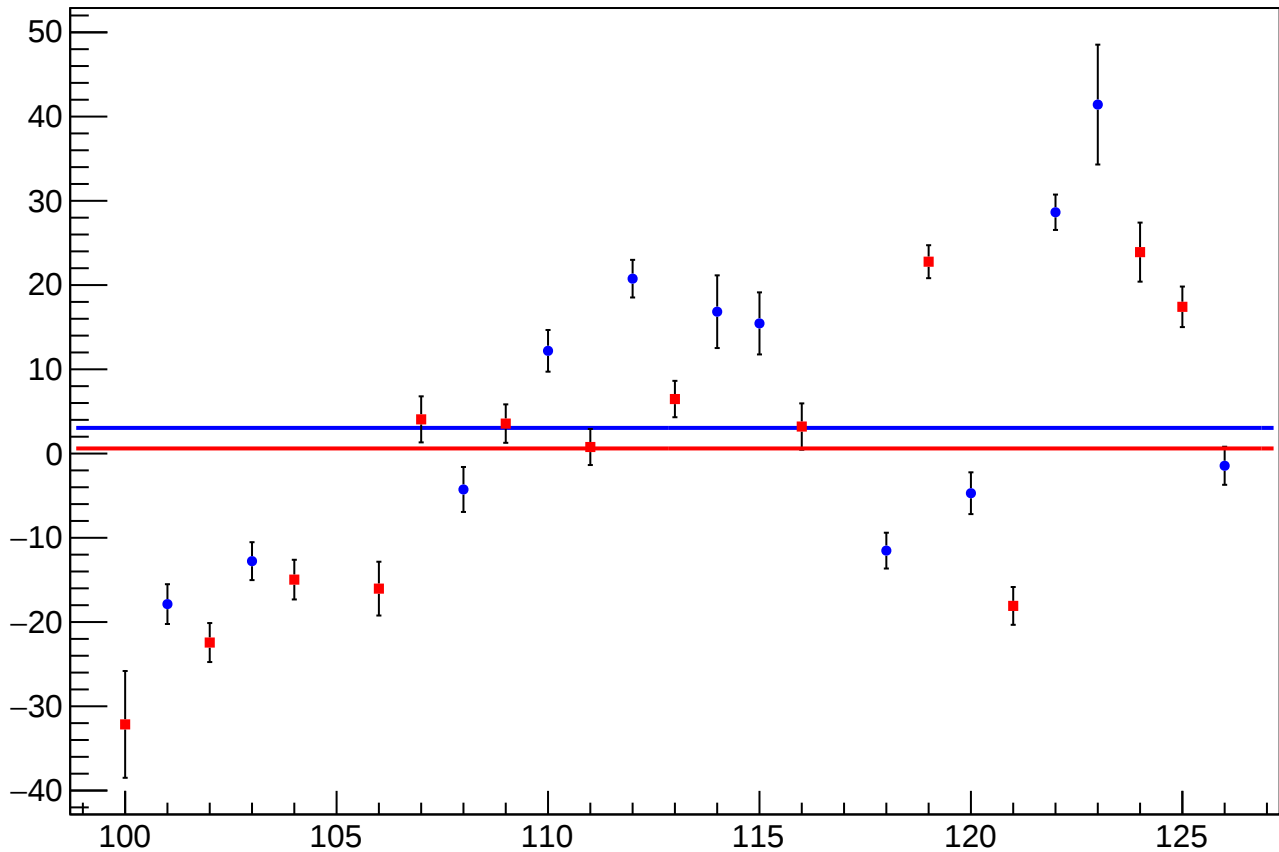
Right: 3097.964+/-0.728 χ^2/NDF : 9755.1/24

In: 3105.523+/-1.063 χ^2/NDF : 4617.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3097.964+/-0.728 χ^2/NDF : 9755.1/24

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 3.045+/-0.738 χ^2/NDF : 471.9/11

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

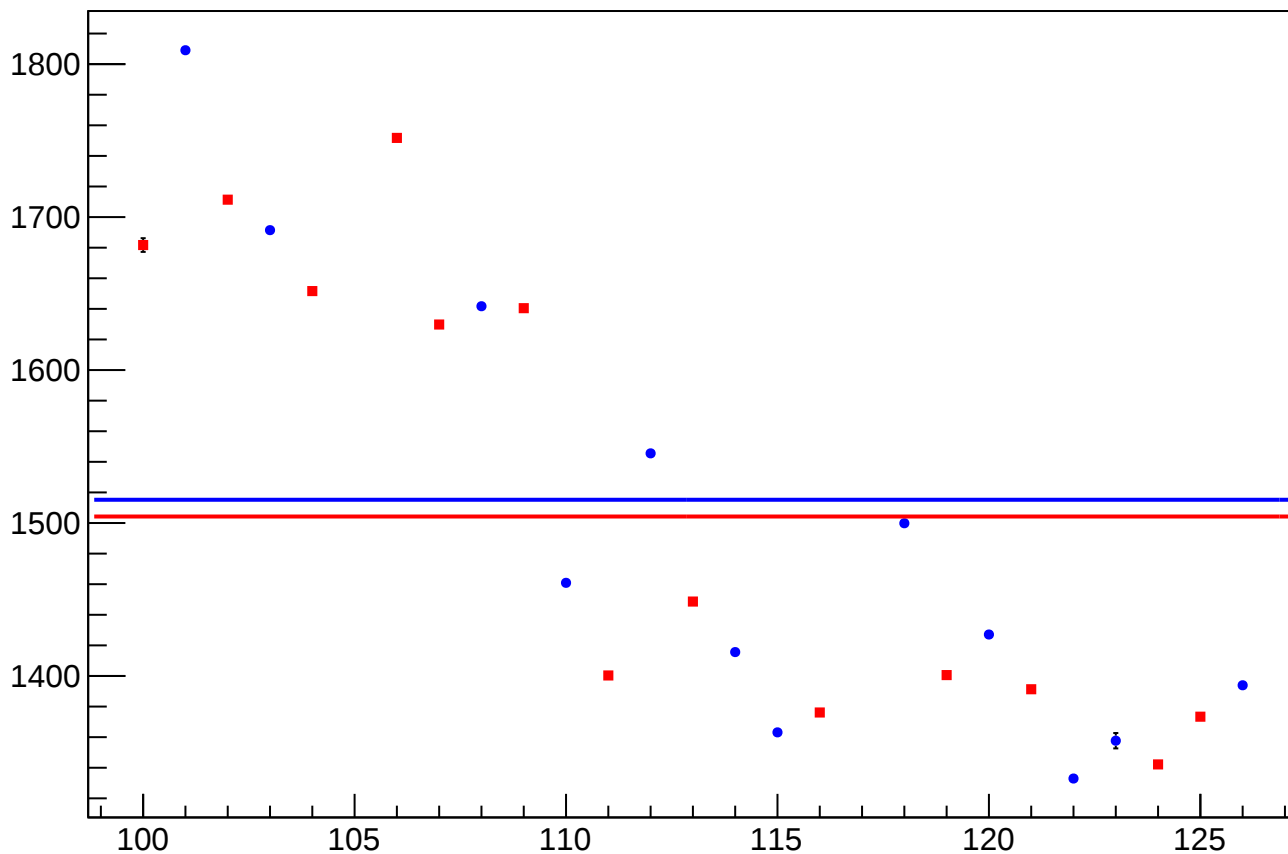
Right: 1.744+/-0.504 χ^2/NDF : 976.7/24

In: 3.045+/-0.738 χ^2/NDF :471.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.744+/-0.504 χ^2/NDF : 976.7/24

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1515.201+/-0.522 χ^2/NDF : 77981.4/11

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

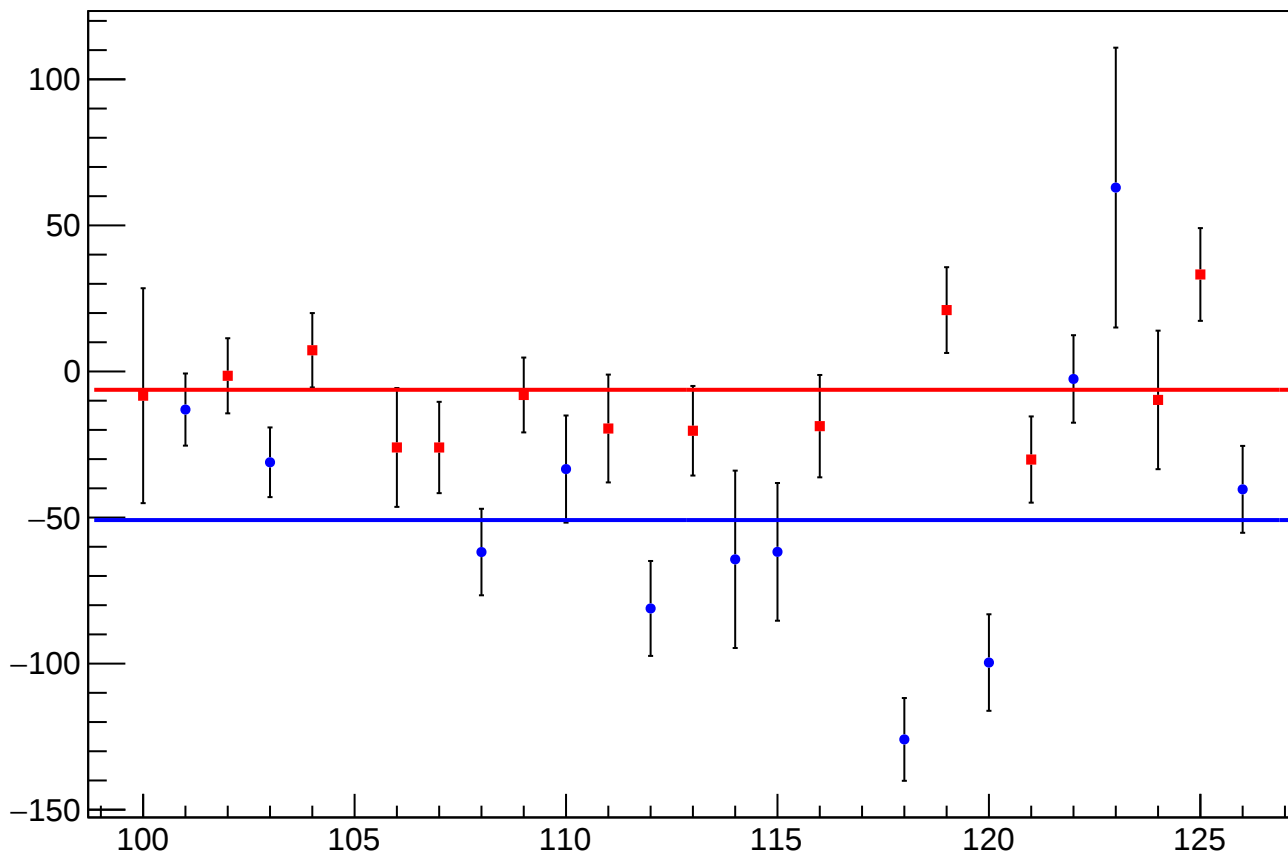
Right: 1509.364+/-0.357 χ^2/NDF : 158258.1/24

In: 1515.201+/-0.522 χ^2/NDF : 77981.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1509.364+/-0.357 χ^2/NDF : 158258.1/24

diff_bpm0l02X_mean vs Slug, Sign Corrected



Right In: -50.864+/-4.670 χ^2/NDF : 70.8/11

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

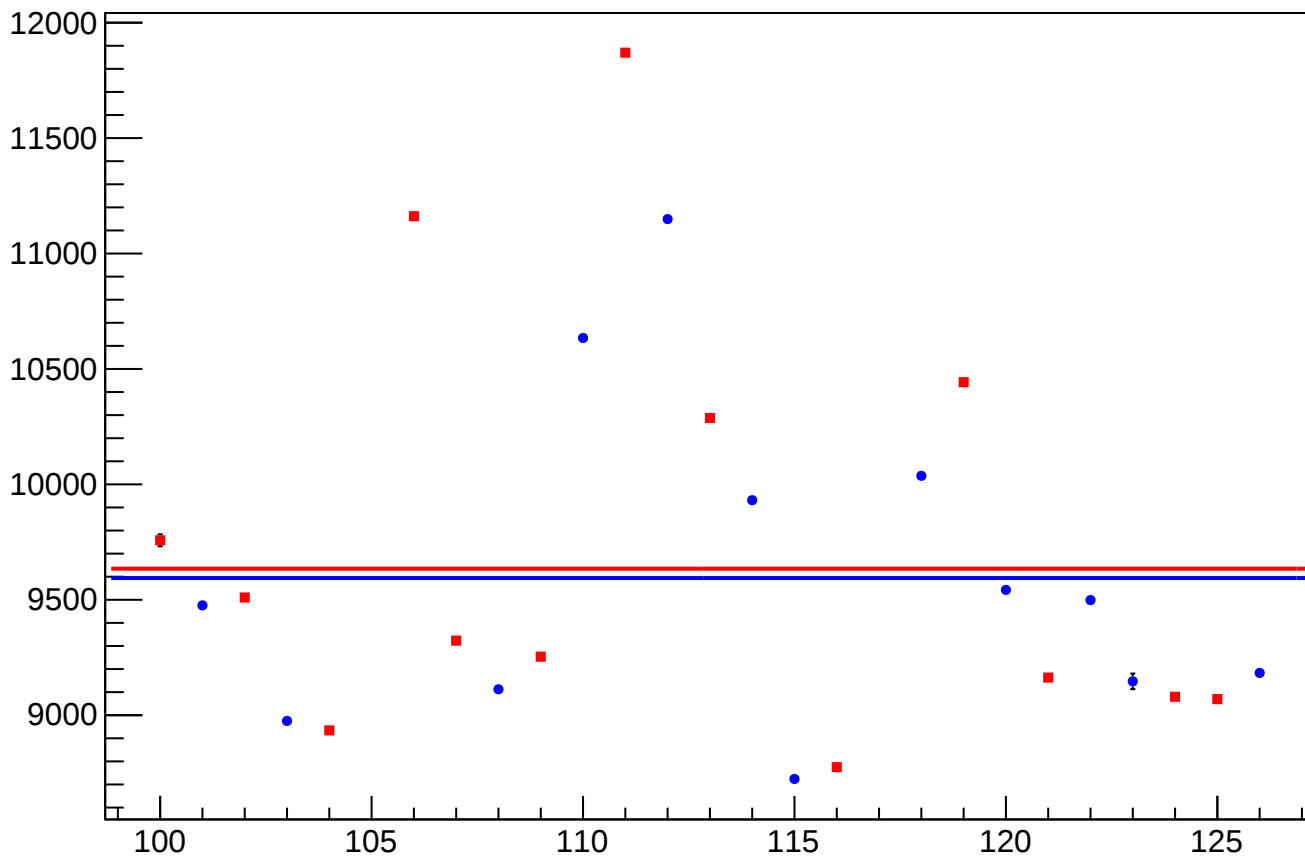
Right: -27.386+/-3.213 χ^2/NDF : 136.8/24

In: -50.864+/-4.670 χ^2/NDF :70.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -27.386+/-3.213 χ^2/NDF : 136.8/24

diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9594.206+/-3.302 χ^2/NDF : 39174.4/11

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

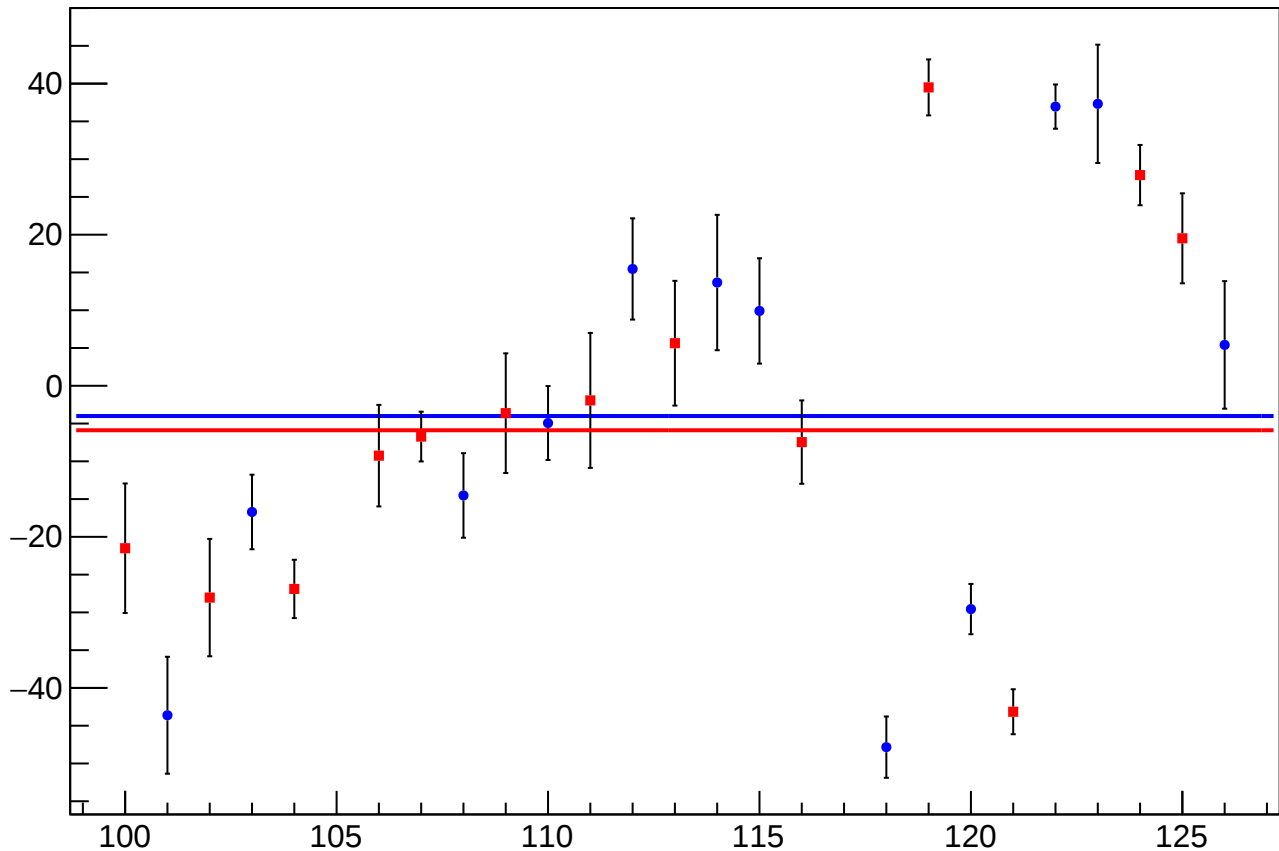
Right: 9615.541+/-2.272 χ^2/NDF : 108858.6/24

In: 9594.206+/-3.302 χ^2/NDF : 39174.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9615.541+/-2.272 χ^2/NDF : 108858.6/24

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: -4.005+/-1.437 χ^2/NDF : 452.9/11

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

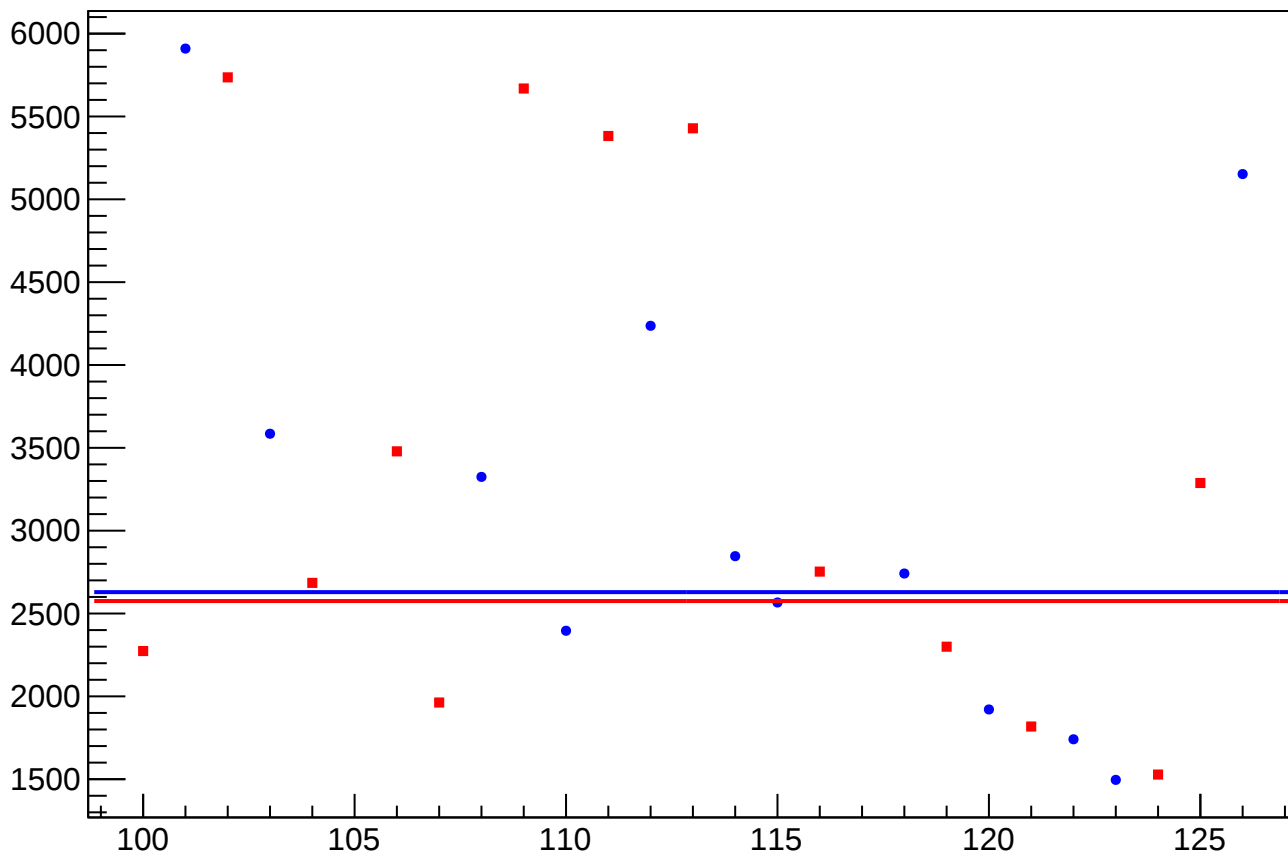
Right: -5.019+/-0.976 χ^2/NDF : 894.2/24

In: -4.005+/-1.437 χ^2/NDF : 452.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.019+/-0.976 χ^2/NDF : 894.2/24

diff_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 2629.094+/-1.016 χ^2/NDF : 1082562.6/11

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

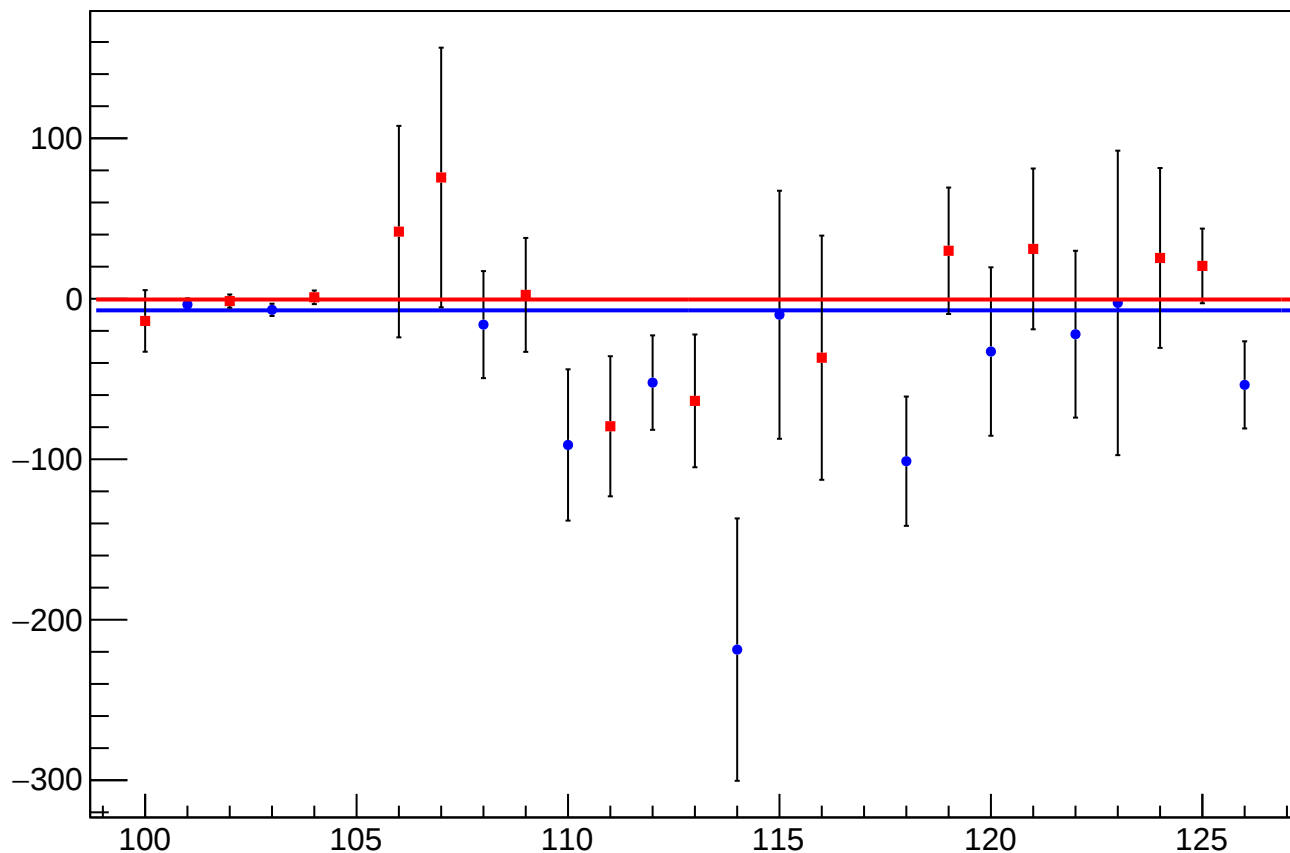
Right: 2600.210+/-0.690 χ^2/NDF : 2575067.8/24

In: 2629.094+/-1.016 χ^2/NDF : 1082562.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2600.210+/-0.690 χ^2/NDF : 2575067.8/24

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -7.214+/-2.660 χ^2 /NDF: 21.8/11

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

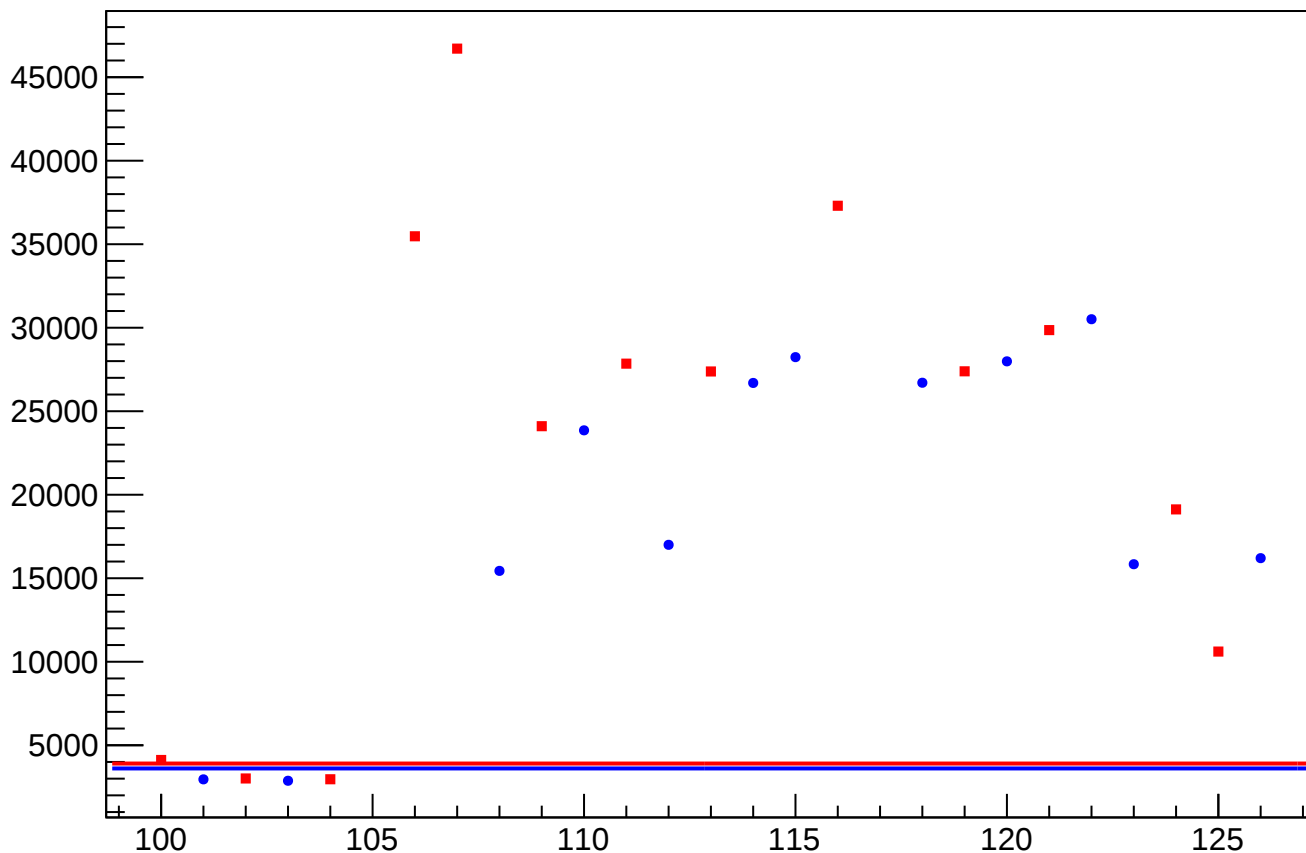
Right: -4.066+/-1.945 χ^2 /NDF: 34.6/24

In: -7.214+/-2.660 χ^2 /NDF:21.8/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -4.066+/-1.945 χ^2 /NDF: 34.6/24

diff_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 3610.588+/-1.881 χ^2/NDF : 3616350.5/11

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

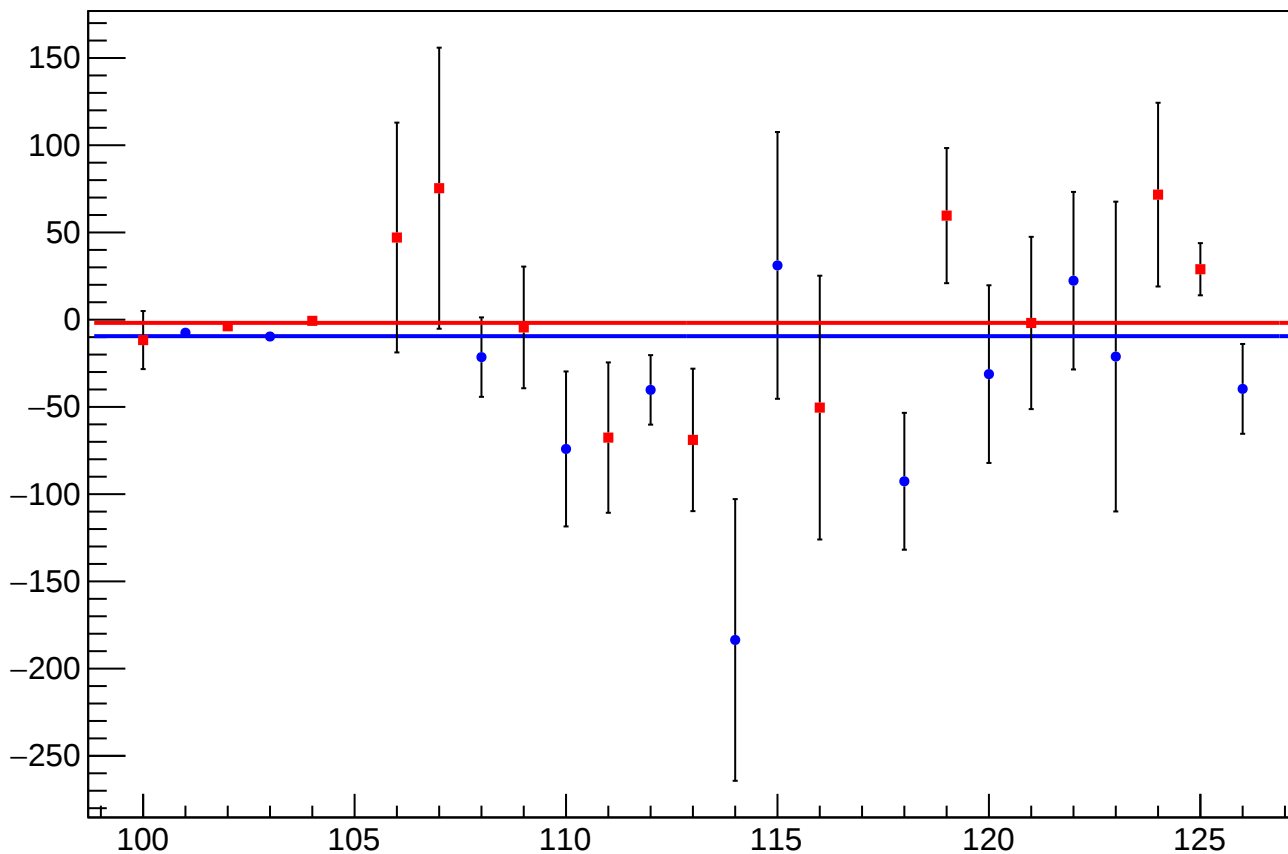
Right: 3747.672+/-1.375 χ^2/NDF : 8679786.3/24

In: 3610.588+/-1.881 χ^2/NDF : 3616350.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3747.672+/-1.375 χ^2/NDF : 8679786.3/24

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -9.443 ± 1.830 χ^2/NDF : 16.7/11

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

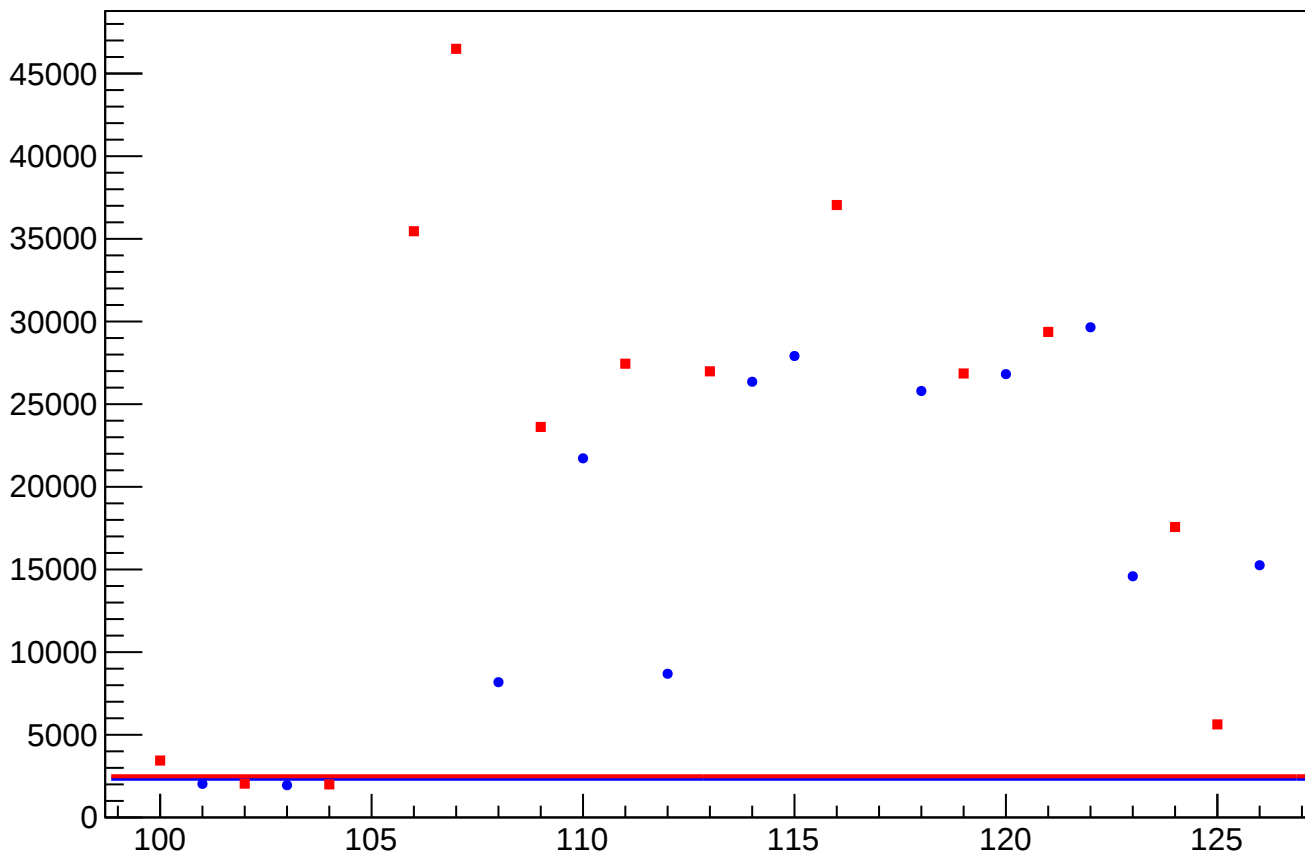
Right: -5.902 ± 1.340 χ^2/NDF : 41.4/24

In: -9.443 ± 1.830 χ^2/NDF : 16.7/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.902 ± 1.340 χ^2/NDF : 41.4/24

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2339.979+/-1.294 χ^2/NDF : 3483579.0/11

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

Right Out: 2493.565+/-1.390 χ^2/NDF : 5392643.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

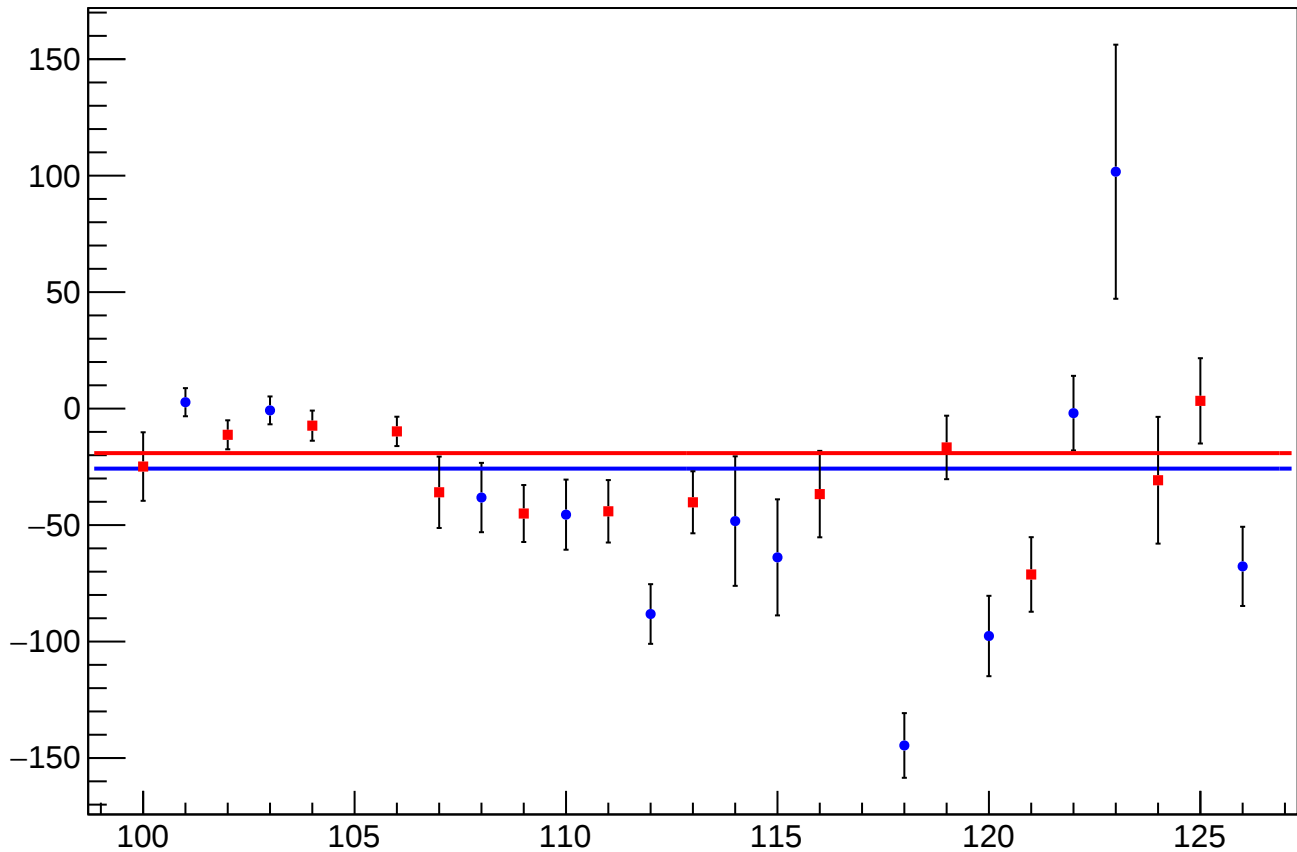
Right: 2411.301+/-0.947 χ^2/NDF : 8882761.2/24

In: 2339.979+/-1.294 χ^2/NDF :3483579.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2411.301+/-0.947 χ^2/NDF : 8882761.2/24

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -25.761+/-3.341 χ^2/NDF : 173.4/11

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

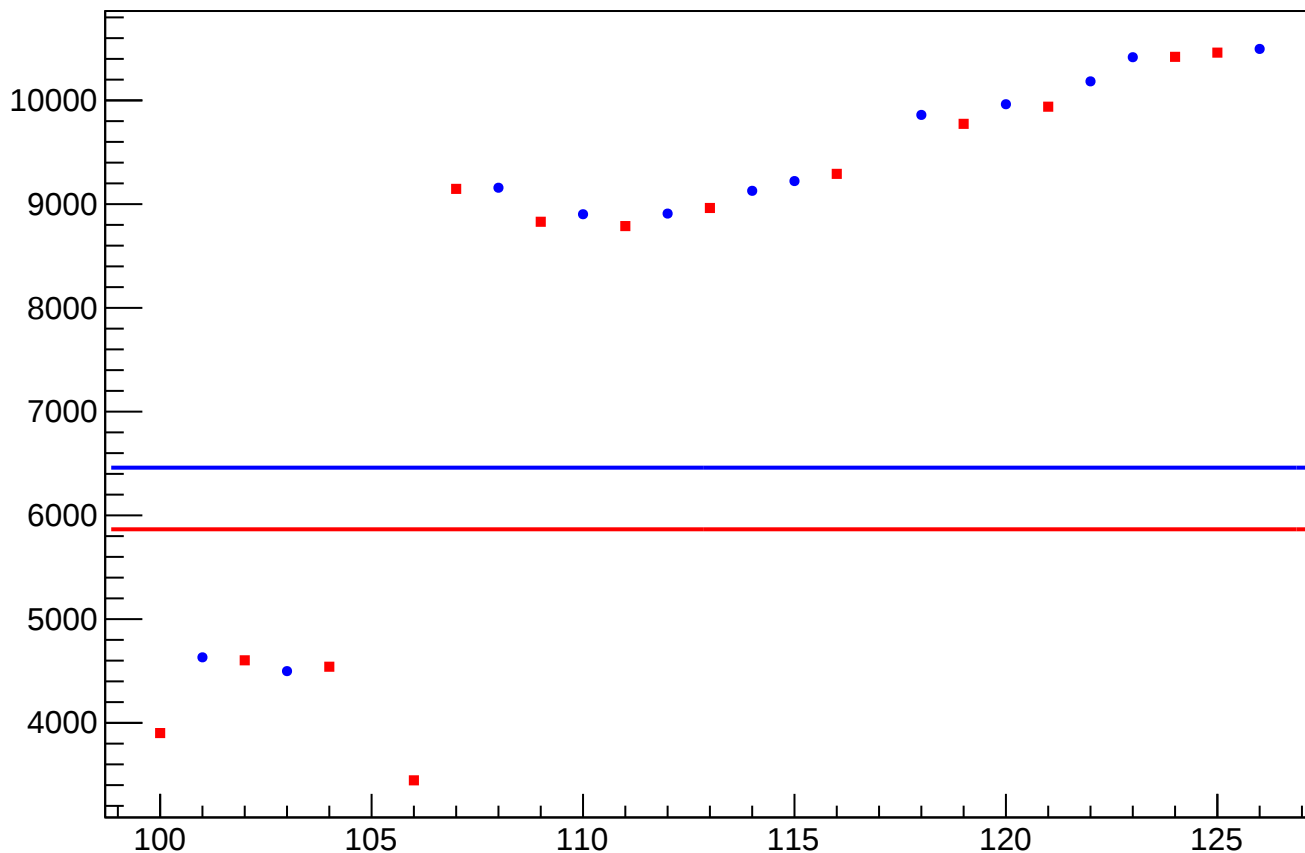
Right: -21.978+/-2.194 χ^2/NDF : 207.8/24

In: -25.761+/-3.341 χ^2/NDF : 173.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.978+/-2.194 χ^2/NDF : 207.8/24

diff_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 6459.998+/-2.362 χ^2/NDF : 1067253.1/11

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

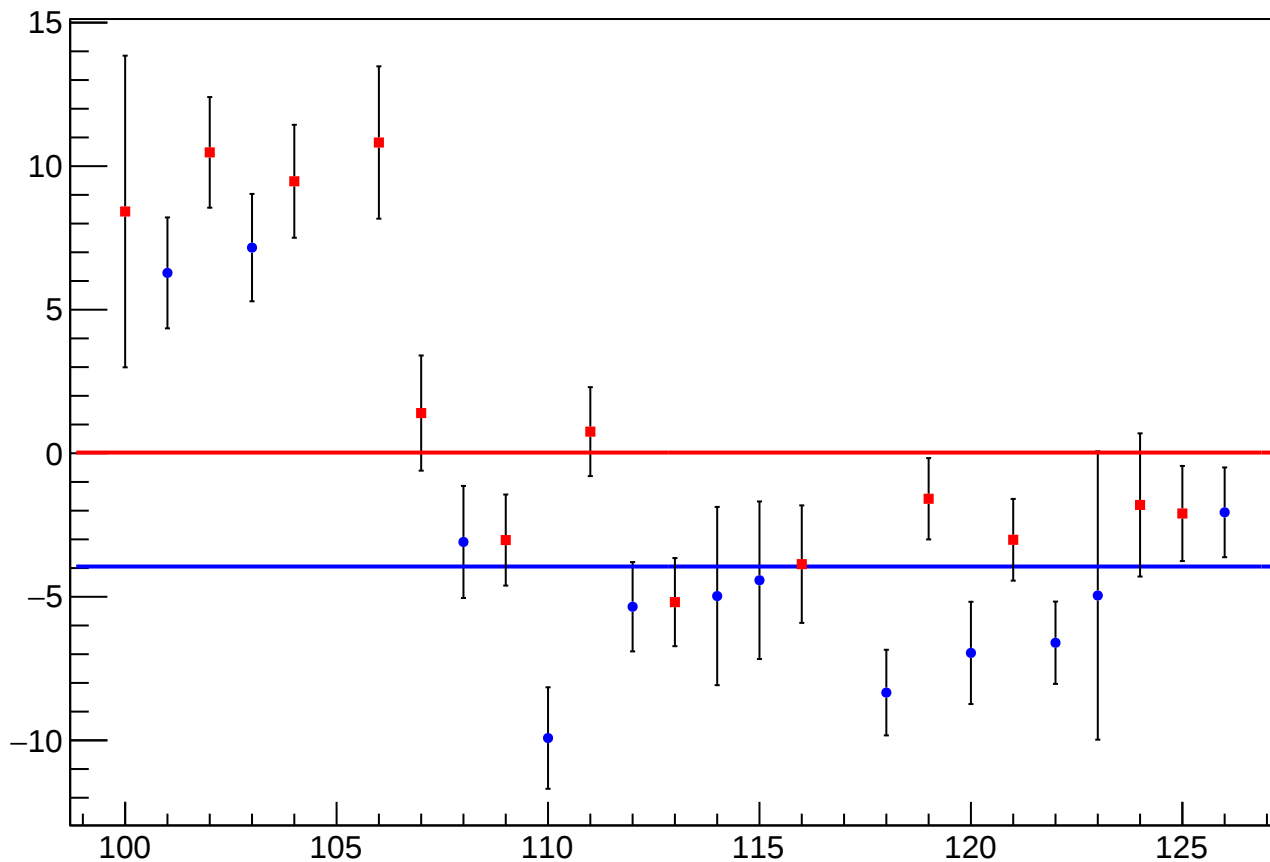
Right: 6122.008+/-1.551 χ^2/NDF : 2557013.3/24

In: 6459.998+/-2.362 χ^2/NDF : 1067253.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6122.008+/-1.551 χ^2/NDF : 2557013.3/24

diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -3.946+/-0.536 χ^2/NDF : 92.3/11

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

Right Out: 0.024+/-0.503 χ^2/NDF : 99.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

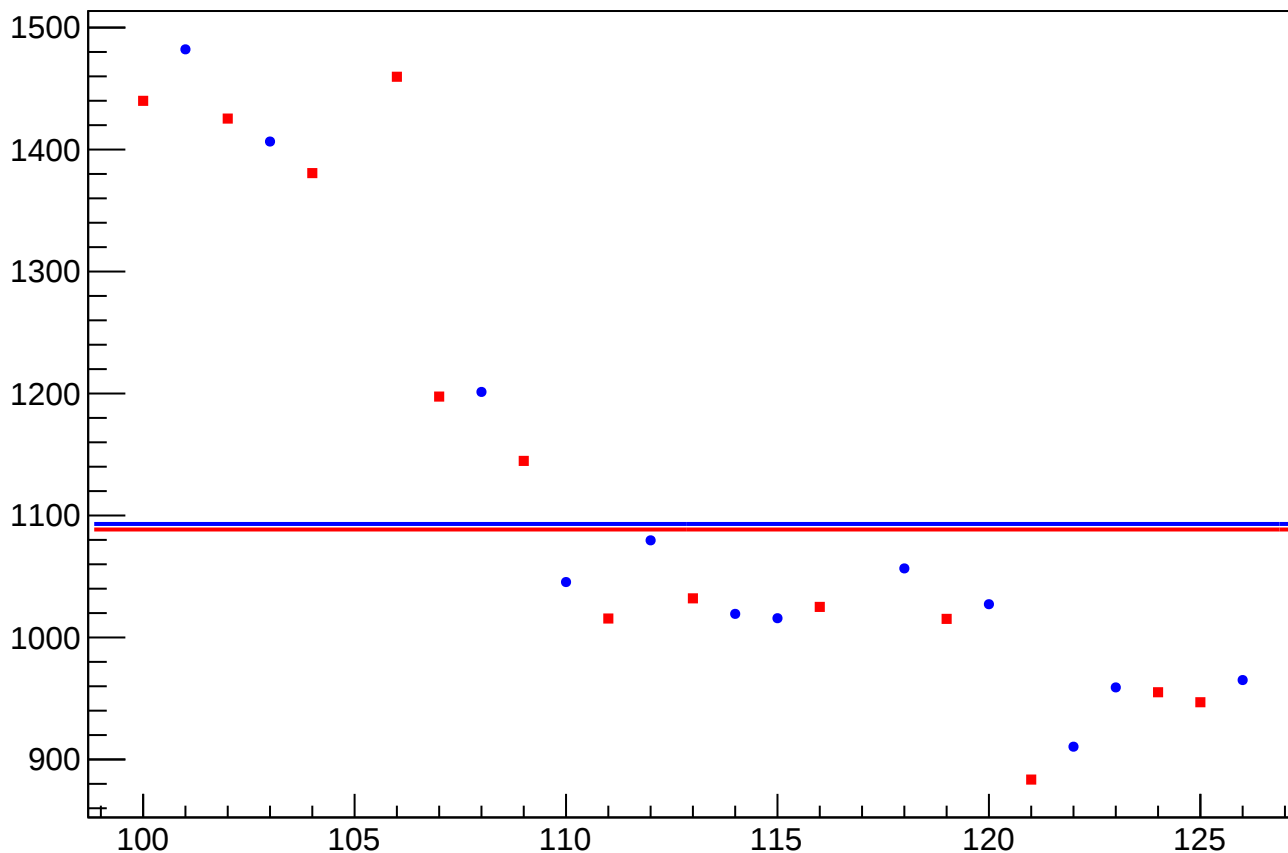
Right: -1.838+/-0.367 χ^2/NDF : 220.5/24

In: -3.946+/-0.536 χ^2/NDF : 92.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.838+/-0.367 χ^2/NDF : 220.5/24

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1093.065+/-0.379 χ^2/NDF : 198984.9/11

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

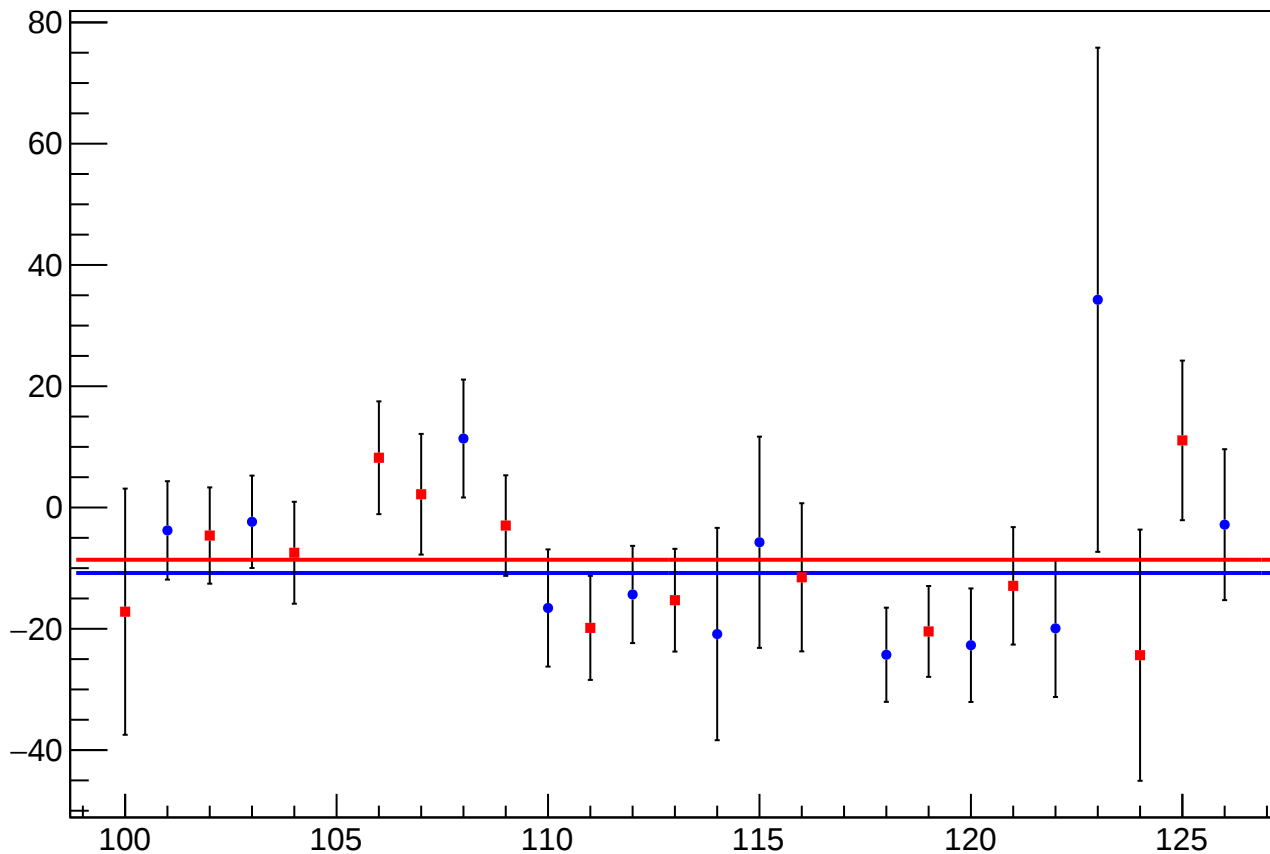
Right: 1090.651+/-0.259 χ^2/NDF : 436460.9/24

In: 1093.065+/-0.379 χ^2/NDF : 198984.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1090.651+/-0.259 χ^2/NDF : 436460.9/24

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -10.794 $\pm$ 2.903 χ^2 /NDF: 15.0/11

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

Right Out: -8.614 $\pm$ 2.678 χ^2 /NDF: 13.3/12

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

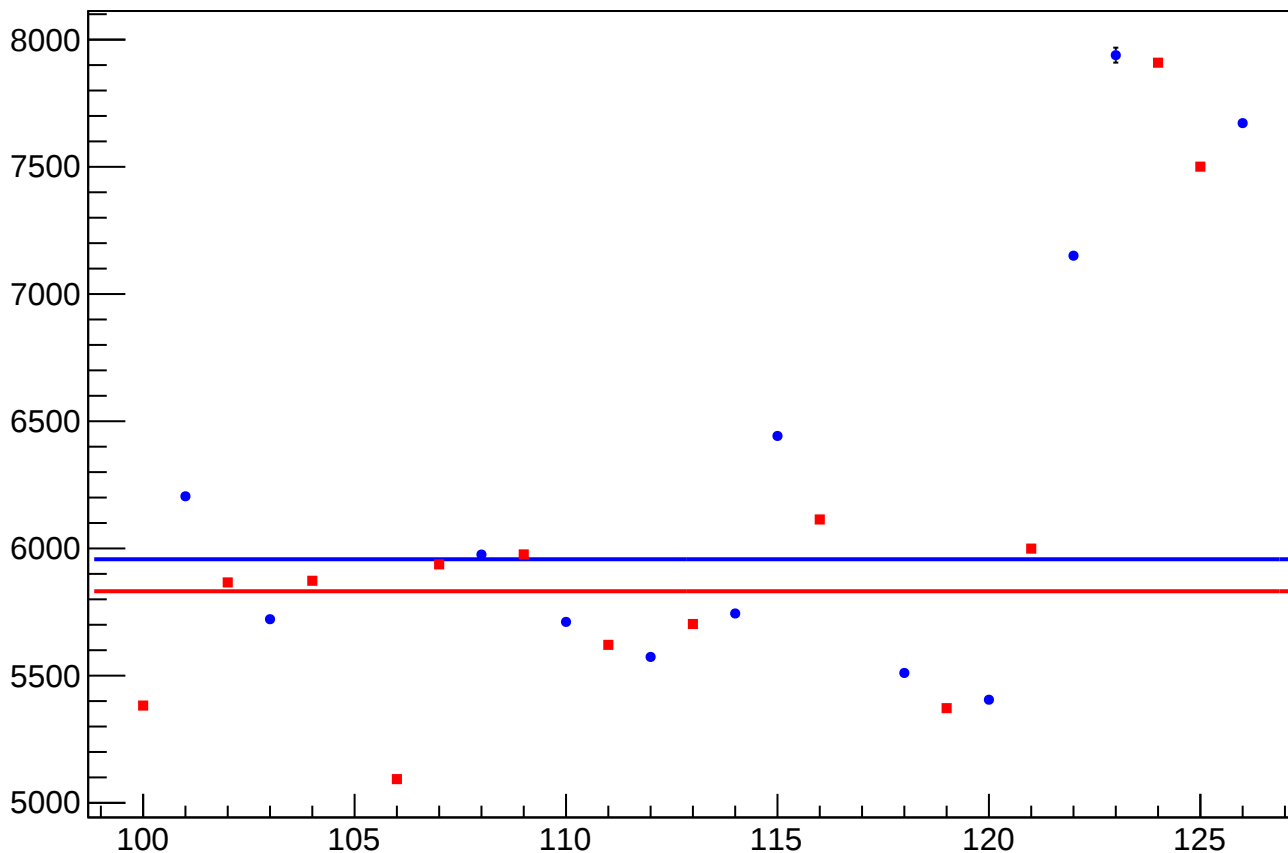
Right: -9.616 $\pm$ 1.968 χ^2 /NDF: 28.6/24

In: -10.794 $\pm$ 2.903 χ^2 /NDF:15.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -9.616 $\pm$ 1.968 χ^2 /NDF: 28.6/24

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 5957.506+/-2.053 χ^2/NDF : 89795.2/11

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

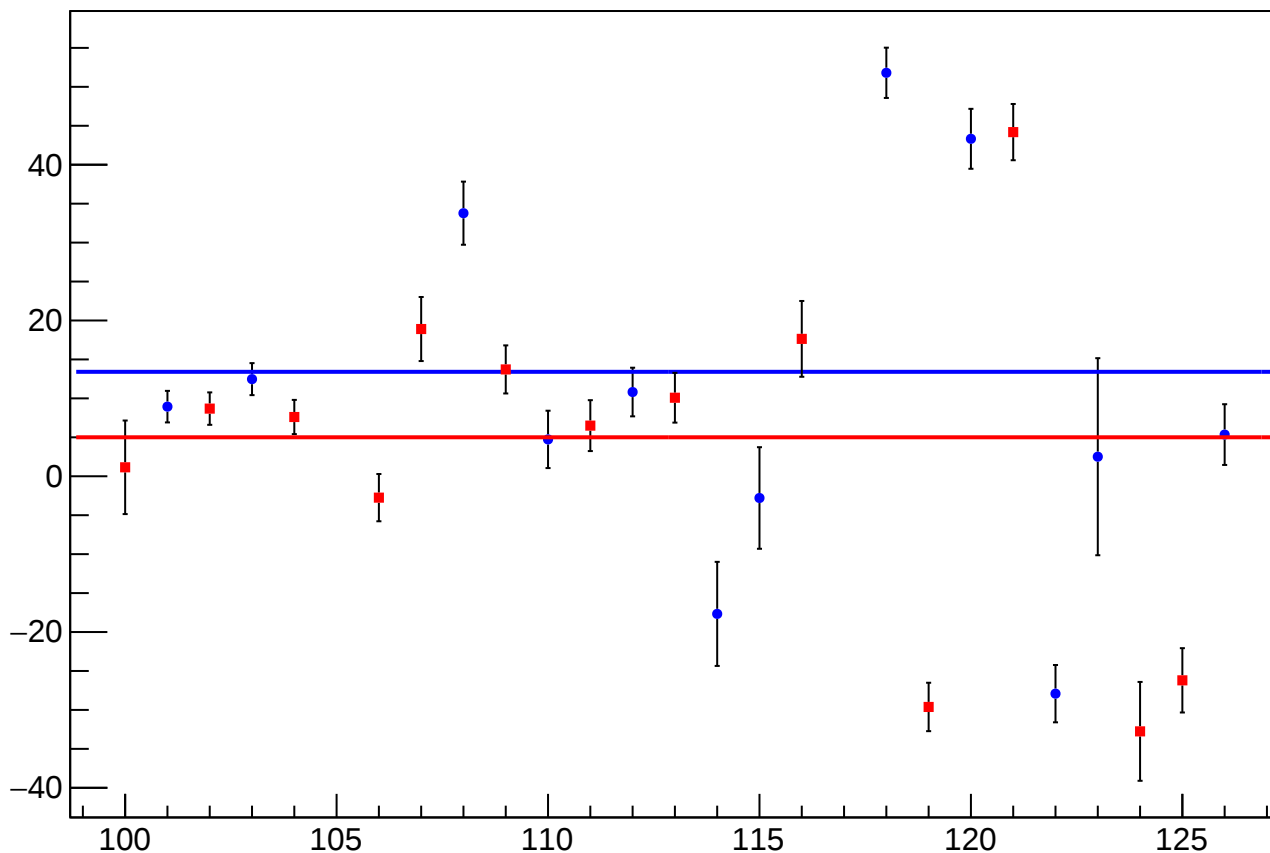
Right: 5889.559+/-1.392 χ^2/NDF : 169483.1/24

In: 5957.506+/-2.053 χ^2/NDF : 89795.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5889.559+/-1.392 χ^2/NDF : 169483.1/24

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 13.410+/-0.965 χ^2/NDF : 397.4/11

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

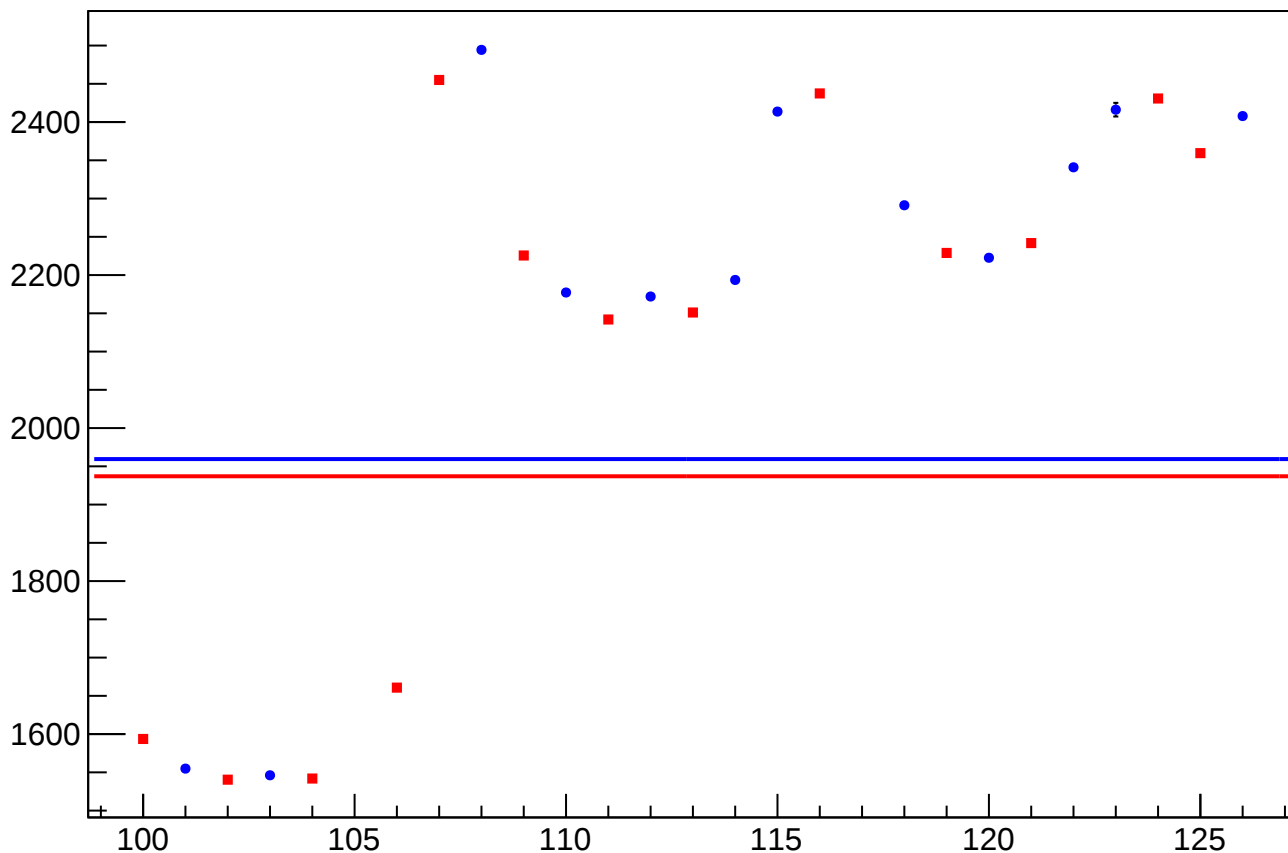
Right: 8.911+/-0.658 χ^2/NDF : 812.6/24

In: 13.410+/-0.965 χ^2/NDF : 397.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.911+/-0.658 χ^2/NDF : 812.6/24

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 1959.479+/-0.683 χ^2/NDF : 304933.5/11

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

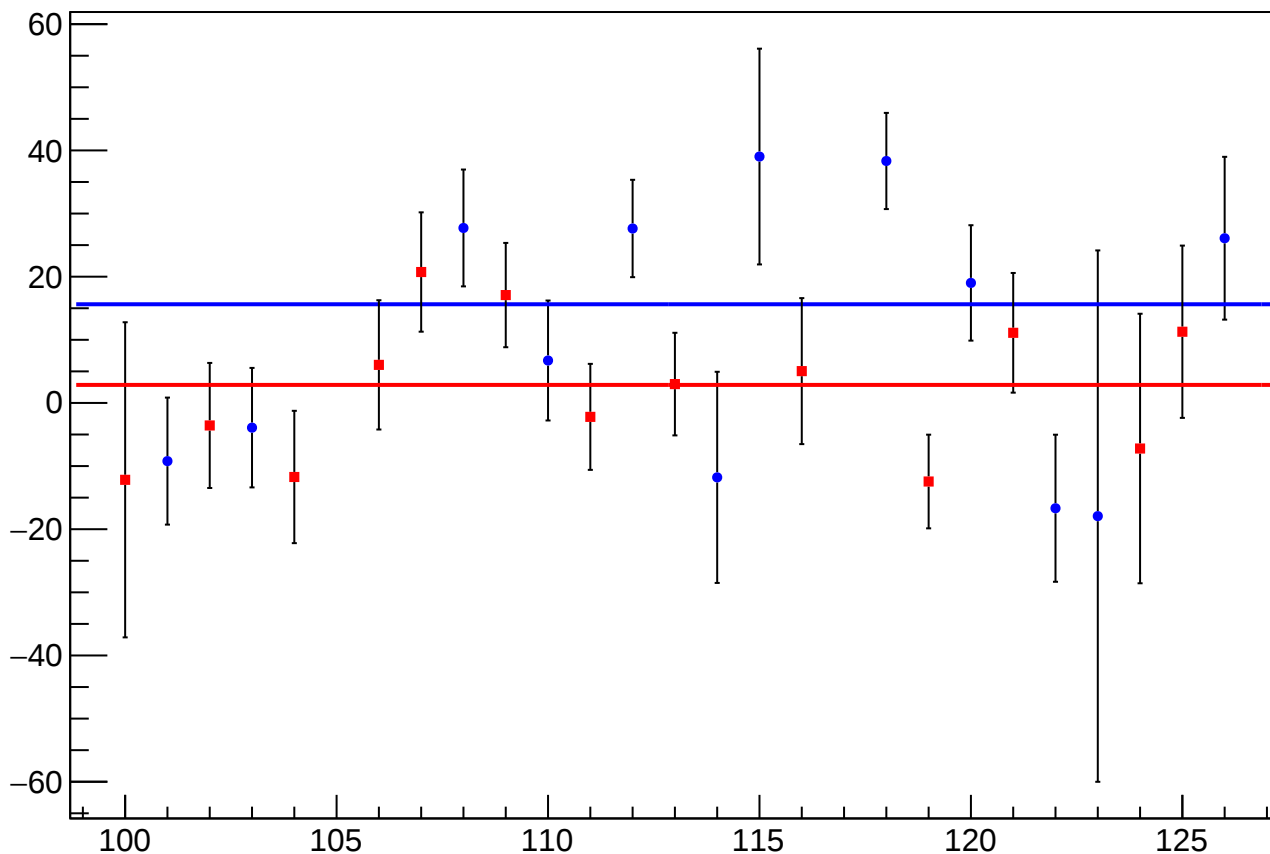
Right: 1947.446+/-0.465 χ^2/NDF : 618000.8/24

In: 1959.479+/-0.683 χ^2/NDF : 304933.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1947.446+/-0.465 χ^2/NDF : 618000.8/24

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 15.631 $\pm$ 3.005 χ^2 /NDF: 37.9/11

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

Right Out: 2.857 $\pm$ 2.774 χ^2 /NDF: 15.4/12

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

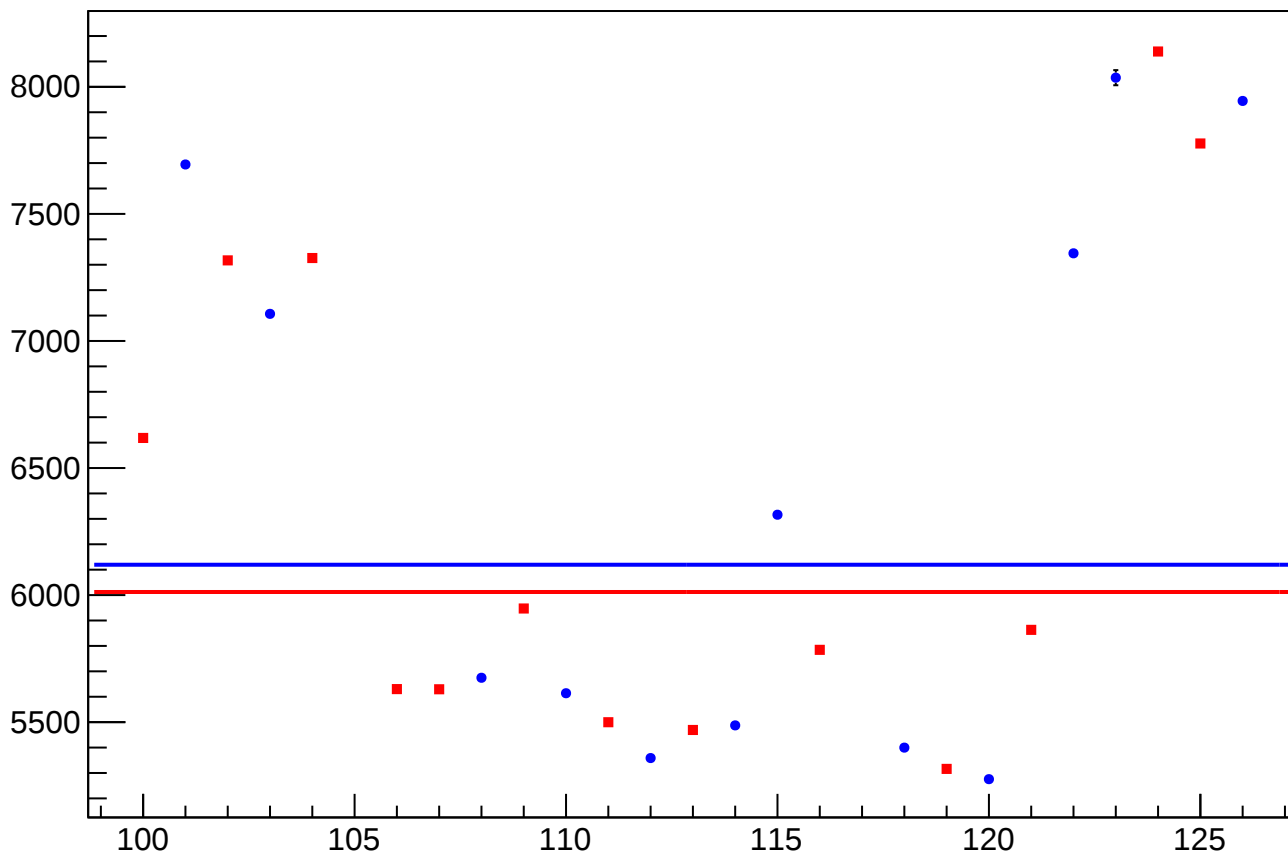
Right: 8.735 $\pm$ 2.038 χ^2 /NDF: 63.1/24

In: 15.631 $\pm$ 3.005 χ^2 /NDF:37.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 8.735 $\pm$ 2.038 χ^2 /NDF: 63.1/24

diff_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 6119.451+/-2.125 χ^2/NDF : 204921.6/11

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

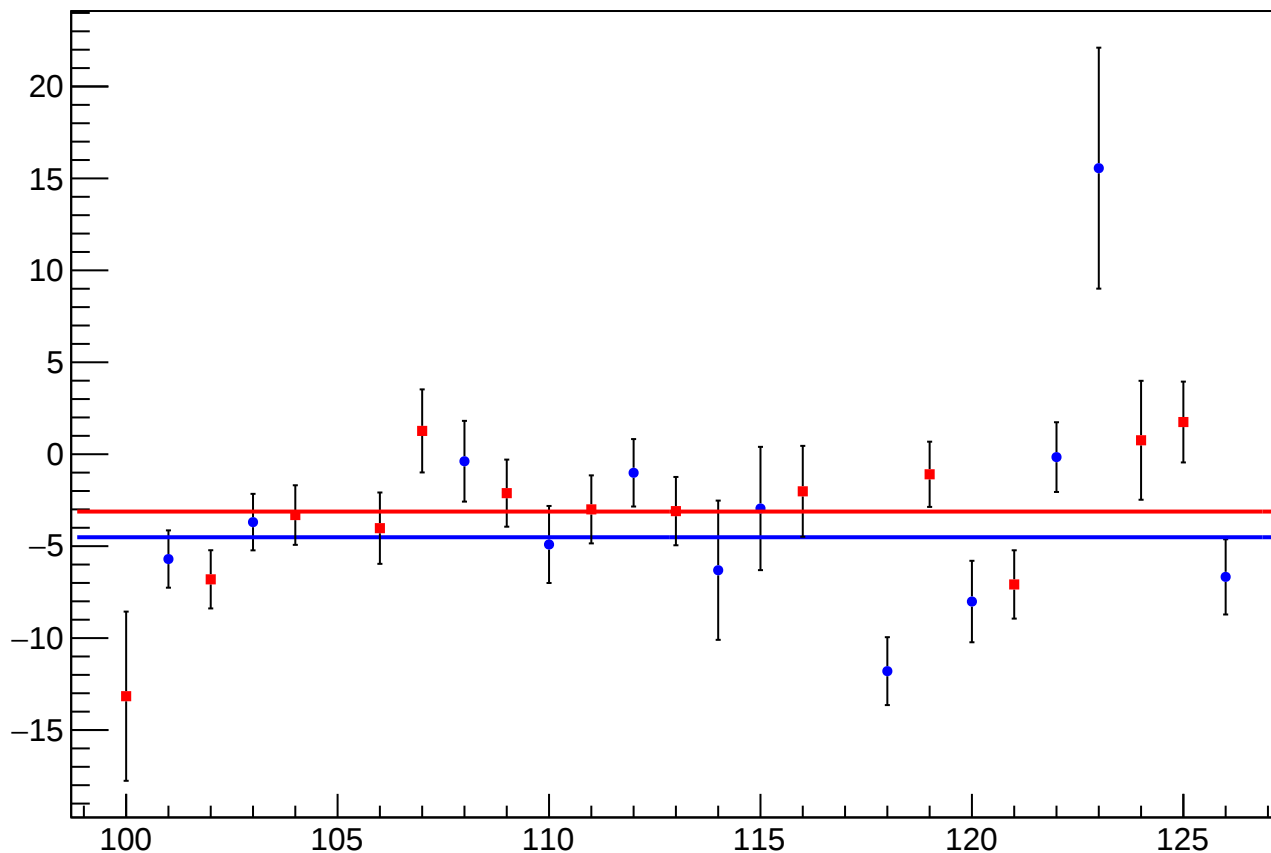
Right: 6061.549+/-1.441 χ^2/NDF : 368405.8/24

In: 6119.451+/-2.125 χ^2/NDF : 204921.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6061.549+/-1.441 χ^2/NDF : 368405.8/24

diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -4.515 $\pm$ 0.601 χ^2 /NDF: 42.4/11

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

Right Out: -3.119 $\pm$ 0.555 χ^2 /NDF: 26.9/12

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

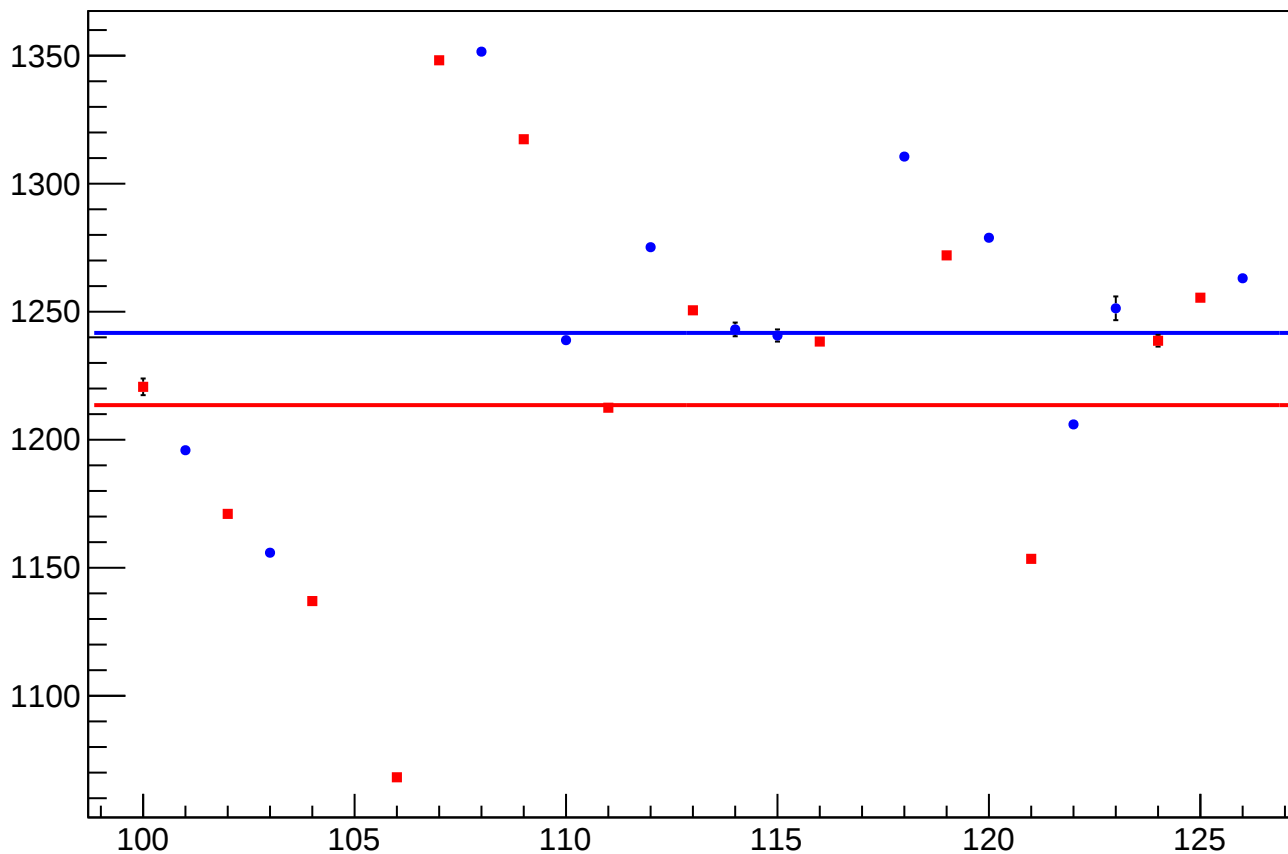
Right: -3.761 $\pm$ 0.408 χ^2 /NDF: 72.2/24

In: -4.515 $\pm$ 0.601 χ^2 /NDF:42.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3.761 $\pm$ 0.408 χ^2 /NDF: 72.2/24

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1241.723+/-0.425 χ^2/NDF : 17926.6/11

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

Right Out: 1213.520+/-0.393 χ^2/NDF : 36830.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

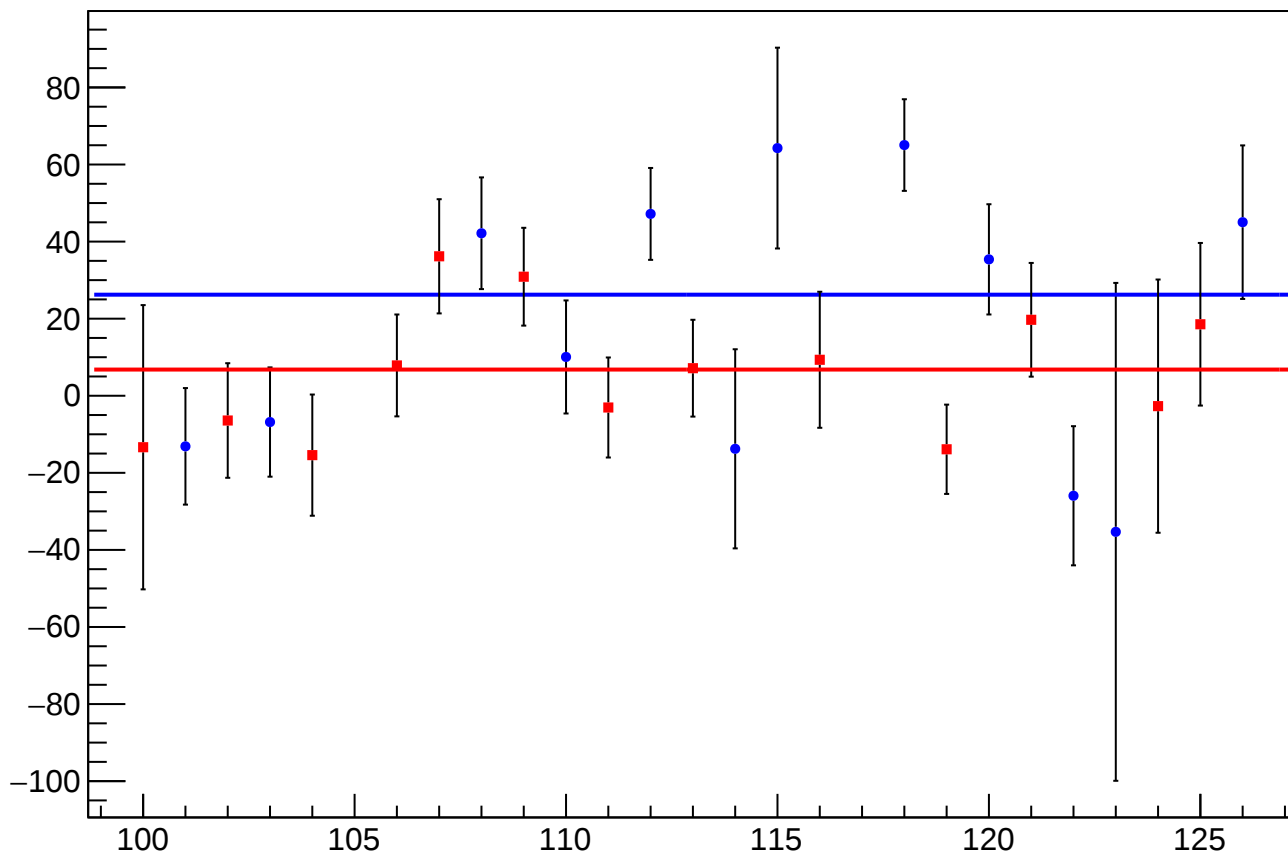
Right: 1226.493+/-0.288 χ^2/NDF : 57132.0/24

In: 1241.723+/-0.425 χ^2/NDF : 17926.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1226.493+/-0.288 χ^2/NDF : 57132.0/24

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: 26.225+/-4.635 χ^2/NDF : 43.5/11

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

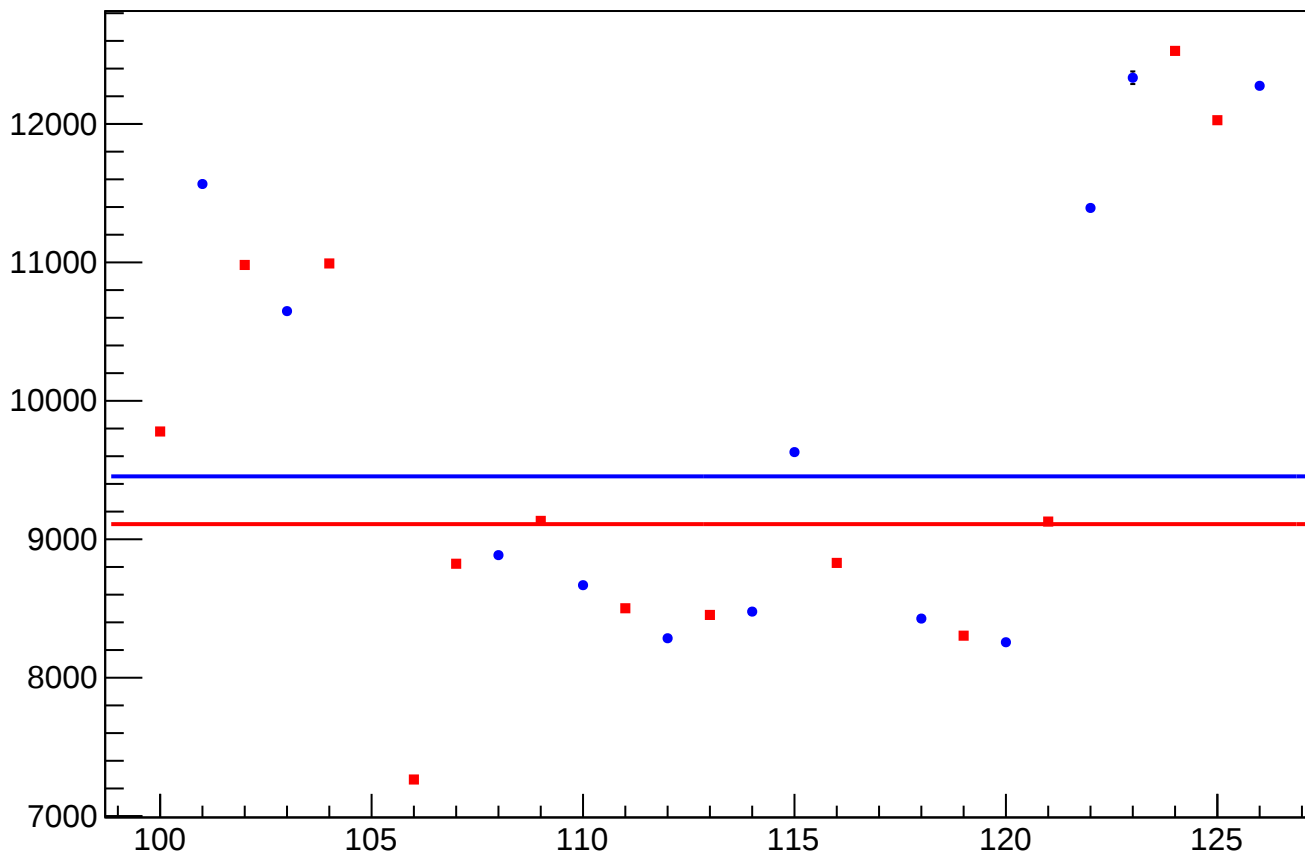
Right: 15.573+/-3.115 χ^2/NDF : 68.7/24

In: 26.225+/-4.635 χ^2/NDF : 43.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.573+/-3.115 χ^2/NDF : 68.7/24

diff_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 9454.474+/-3.277 χ^2/NDF : 180316.0/11

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

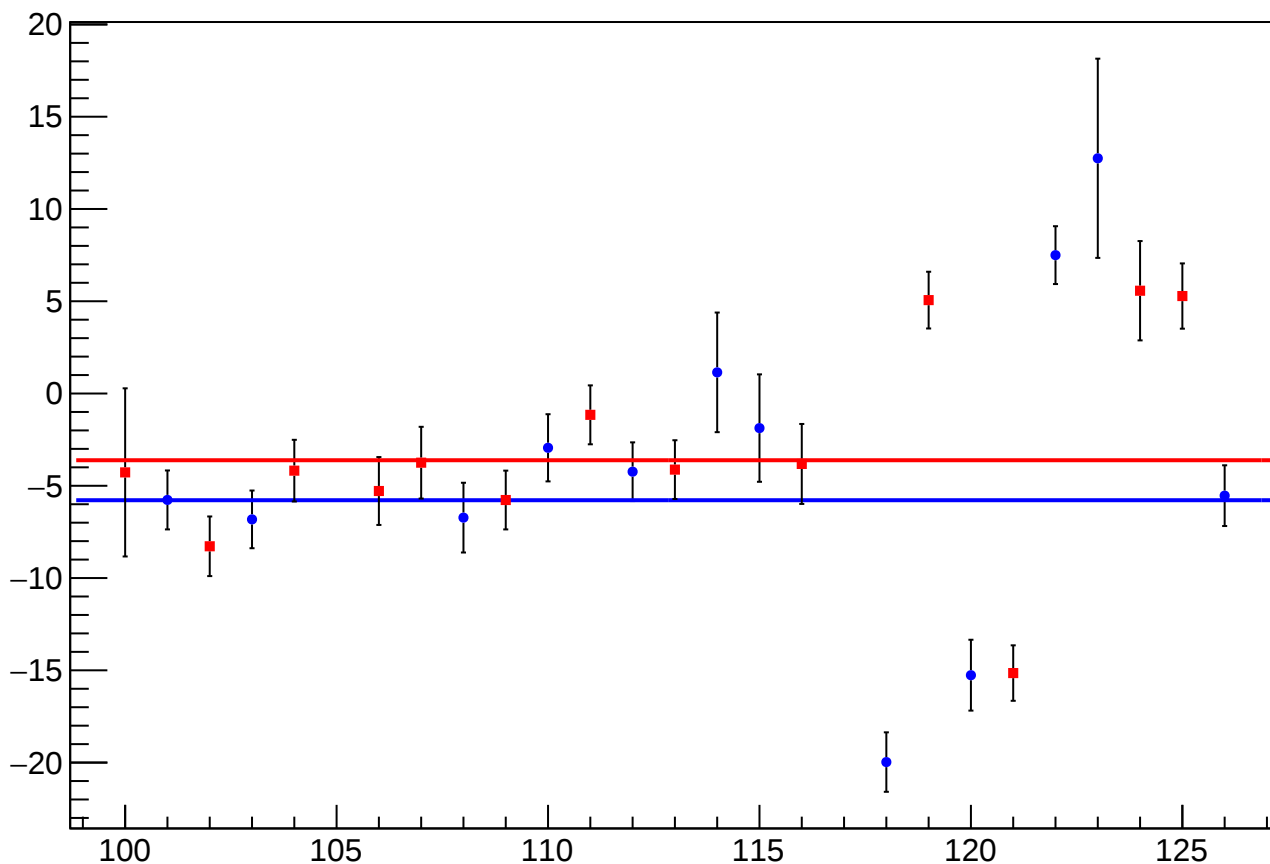
Right: 9265.326+/-2.203 χ^2/NDF : 367081.9/24

In: 9454.474+/-3.277 χ^2/NDF : 180316.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9265.326+/-2.203 χ^2/NDF : 367081.9/24

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -5.783 ± 0.538 χ^2/NDF : 196.0/11

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

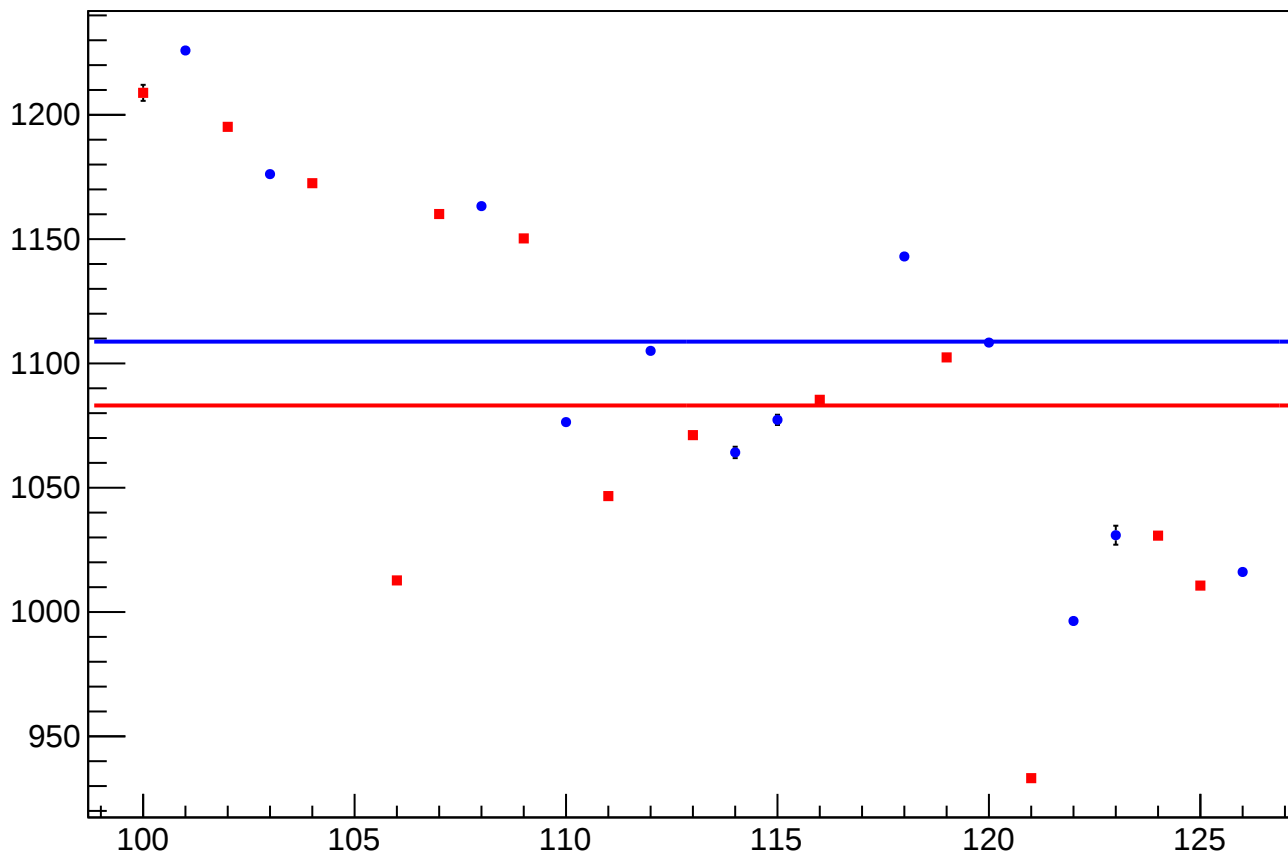
Right: -4.612 ± 0.365 χ^2/NDF : 346.1/24

In: -5.783 ± 0.538 χ^2/NDF : 196.0/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.612 ± 0.365 χ^2/NDF : 346.1/24

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1108.774+/-0.380 χ^2/NDF : 35325.6/11

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

Right Out: 1083.090+/-0.351 χ^2/NDF : 51992.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

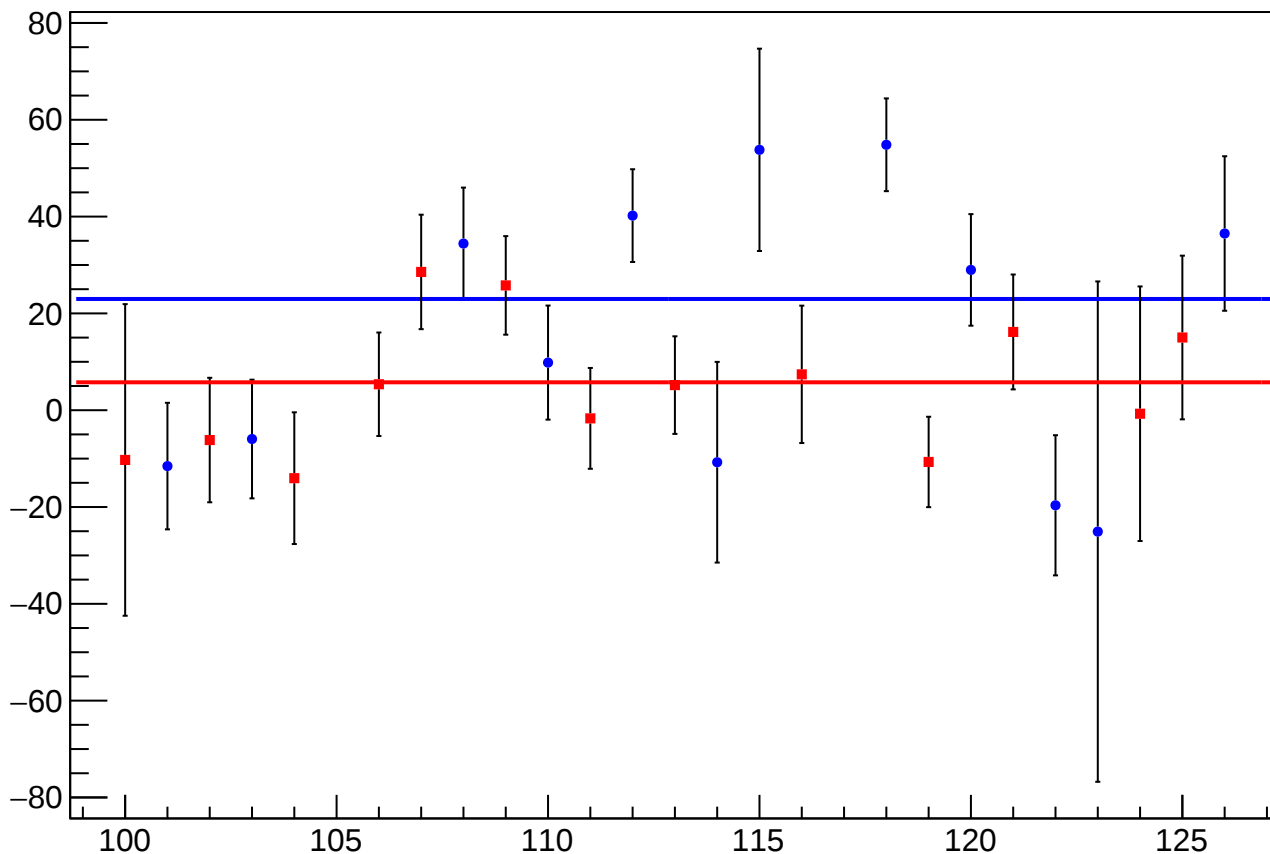
Right: 1094.894+/-0.258 χ^2/NDF : 89784.0/24

In: 1108.774+/-0.380 χ^2/NDF : 35325.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1094.894+/-0.258 χ^2/NDF : 89784.0/24

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 22.981+/-3.775 χ^2/NDF : 44.4/11

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

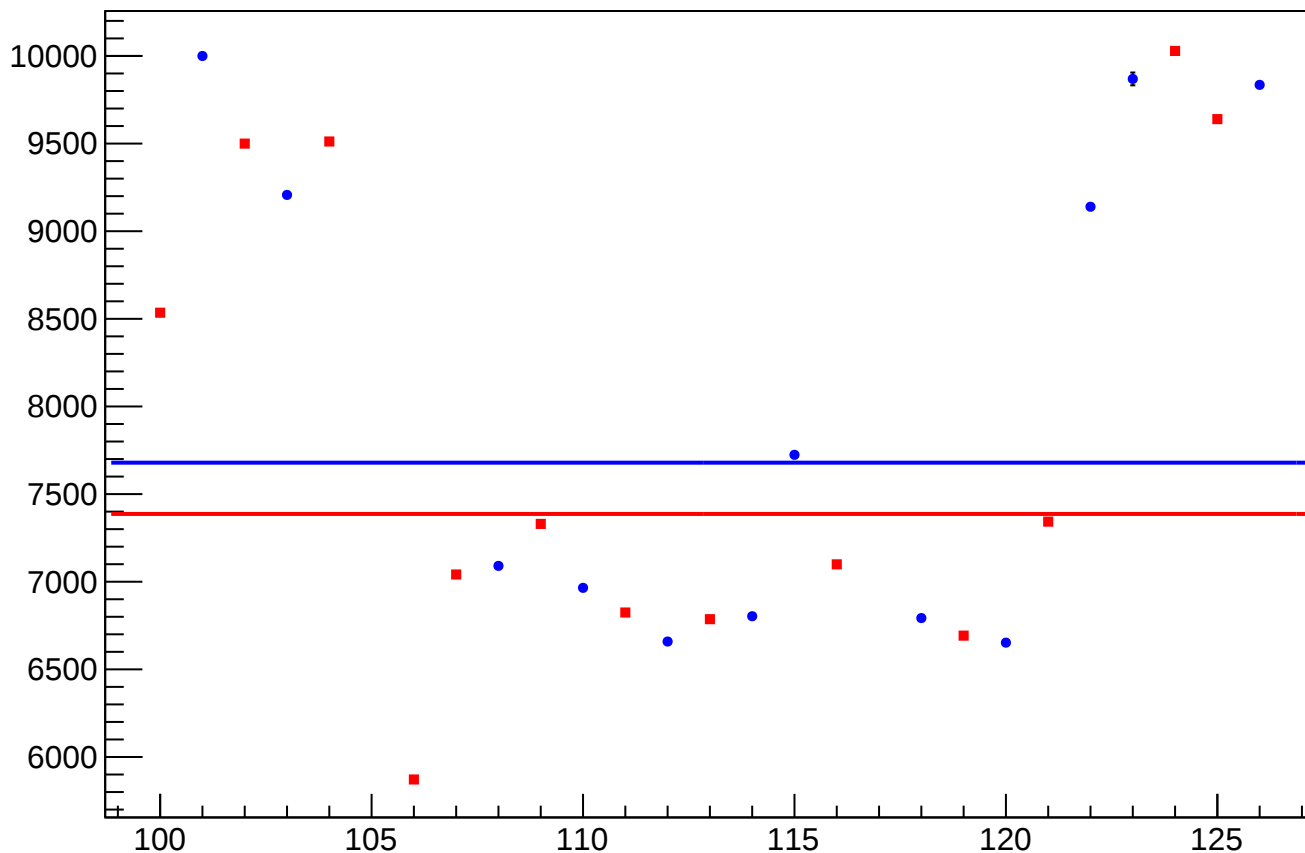
Right: 13.526+/-2.534 χ^2/NDF : 71.4/24

In: 22.981+/-3.775 χ^2/NDF : 44.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.526+/-2.534 χ^2/NDF : 71.4/24

diff_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 7679.361+/-2.669 χ^2/NDF : 226304.2/11

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

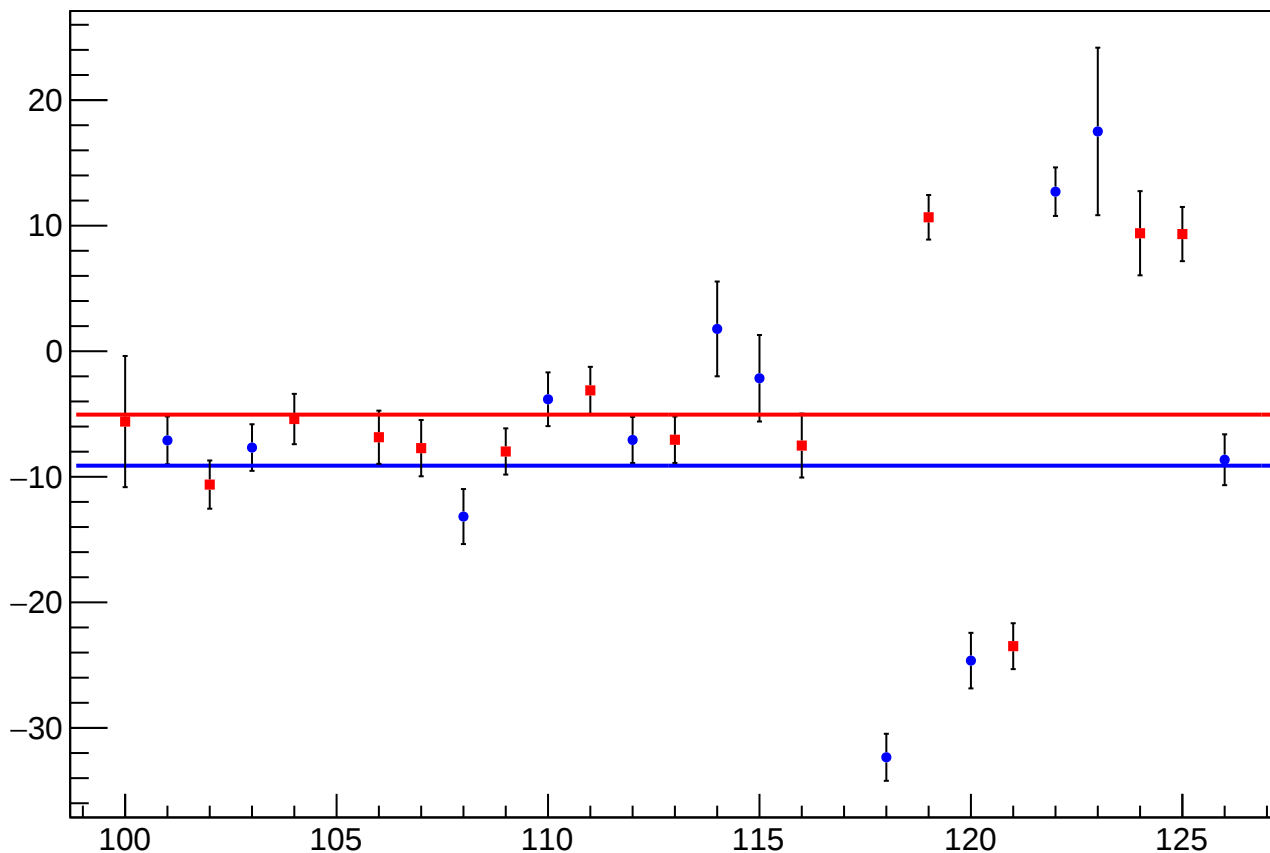
Right: 7518.659+/-1.792 χ^2/NDF : 460707.1/24

In: 7679.361+/-2.669 χ^2/NDF : 226304.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7518.659+/-1.792 χ^2/NDF : 460707.1/24

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -9.114+/-0.637 χ^2/NDF : 371.4/11

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

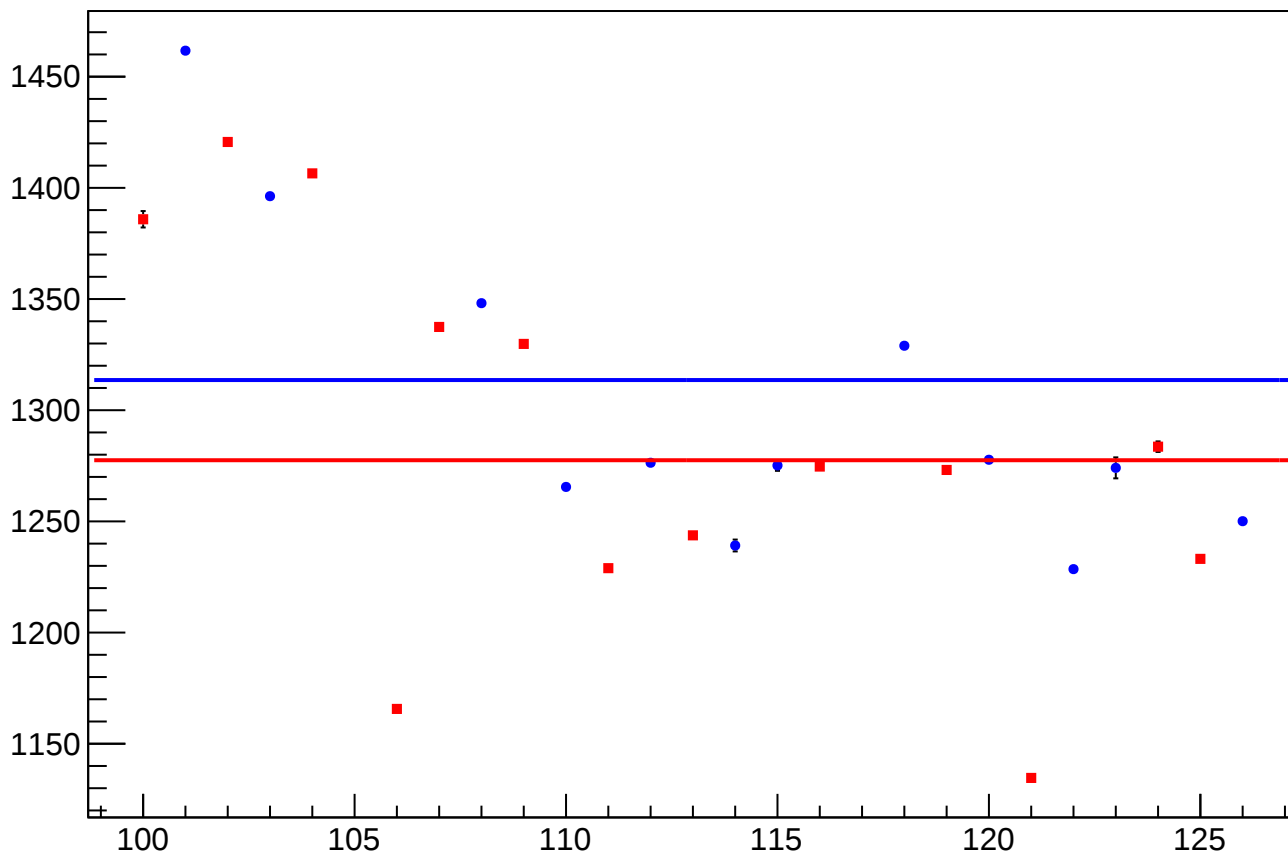
Right: -6.908+/-0.431 χ^2/NDF : 653.0/24

In: -9.114+/-0.637 χ^2/NDF : 371.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.908+/-0.431 χ^2/NDF : 653.0/24

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1313.566 $\pm$ 0.450 χ^2 /NDF: 25984.2/11

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

Right Out: 1277.505 $\pm$ 0.413 χ^2 /NDF: 43980.7/12

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

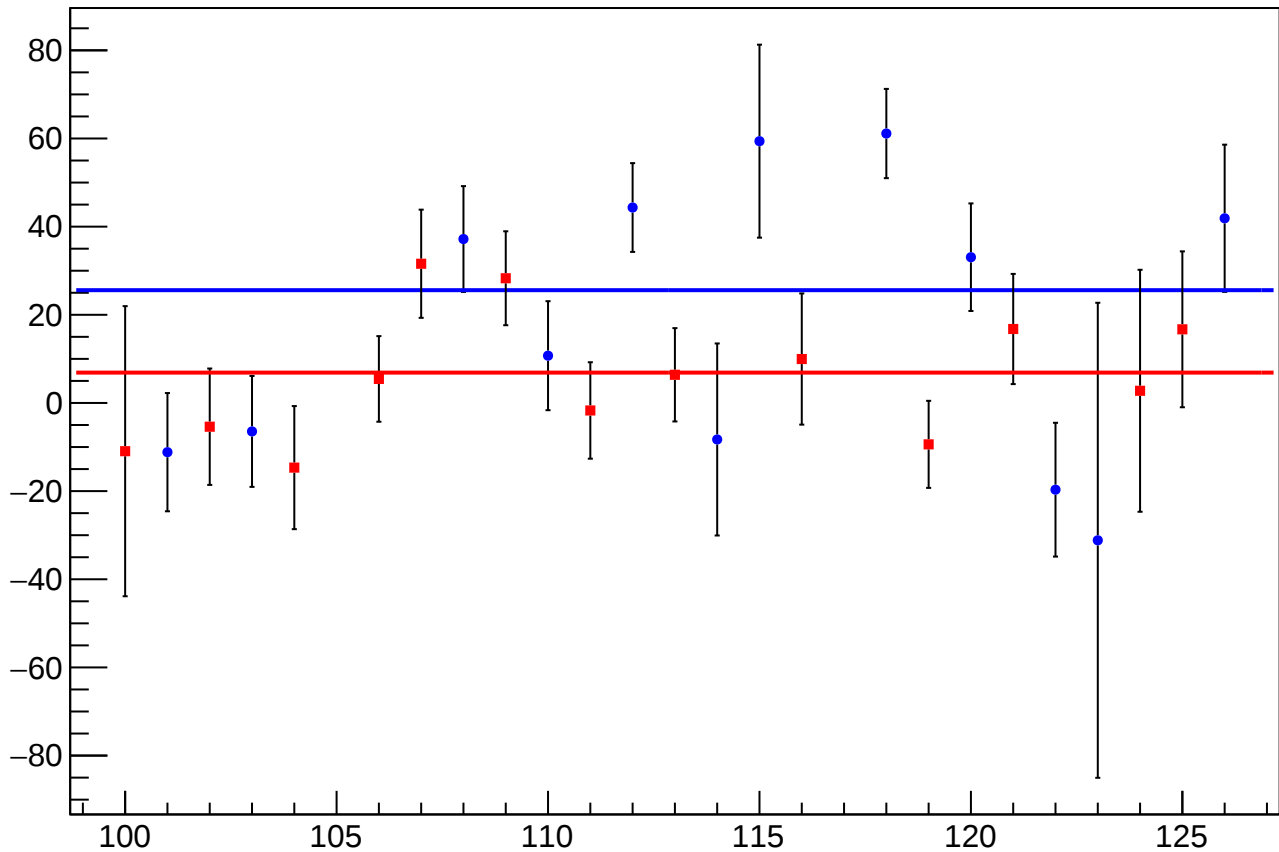
Right: 1294.002 $\pm$ 0.304 χ^2 /NDF: 73446.1/24

In: 1313.566 $\pm$ 0.450 χ^2 /NDF:25984.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1294.002 $\pm$ 0.304 χ^2 /NDF: 73446.1/24

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 25.587+/-3.948 χ^2/NDF : 48.3/11

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

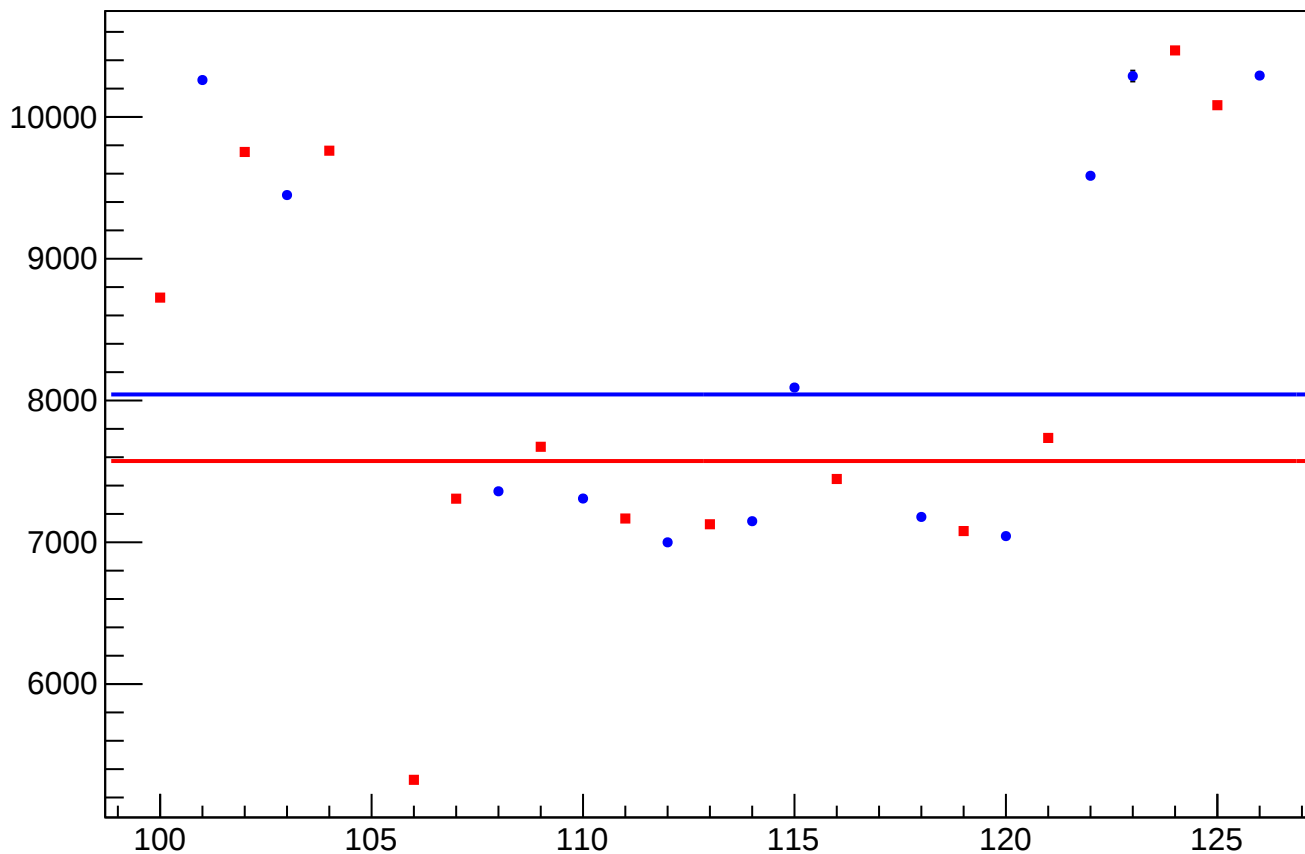
Right: 15.162+/-2.626 χ^2/NDF : 76.8/24

In: 25.587+/-3.948 χ^2/NDF : 48.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.162+/-2.626 χ^2/NDF : 76.8/24

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 8042.796+/-2.792 χ^2/NDF : 206393.6/11

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

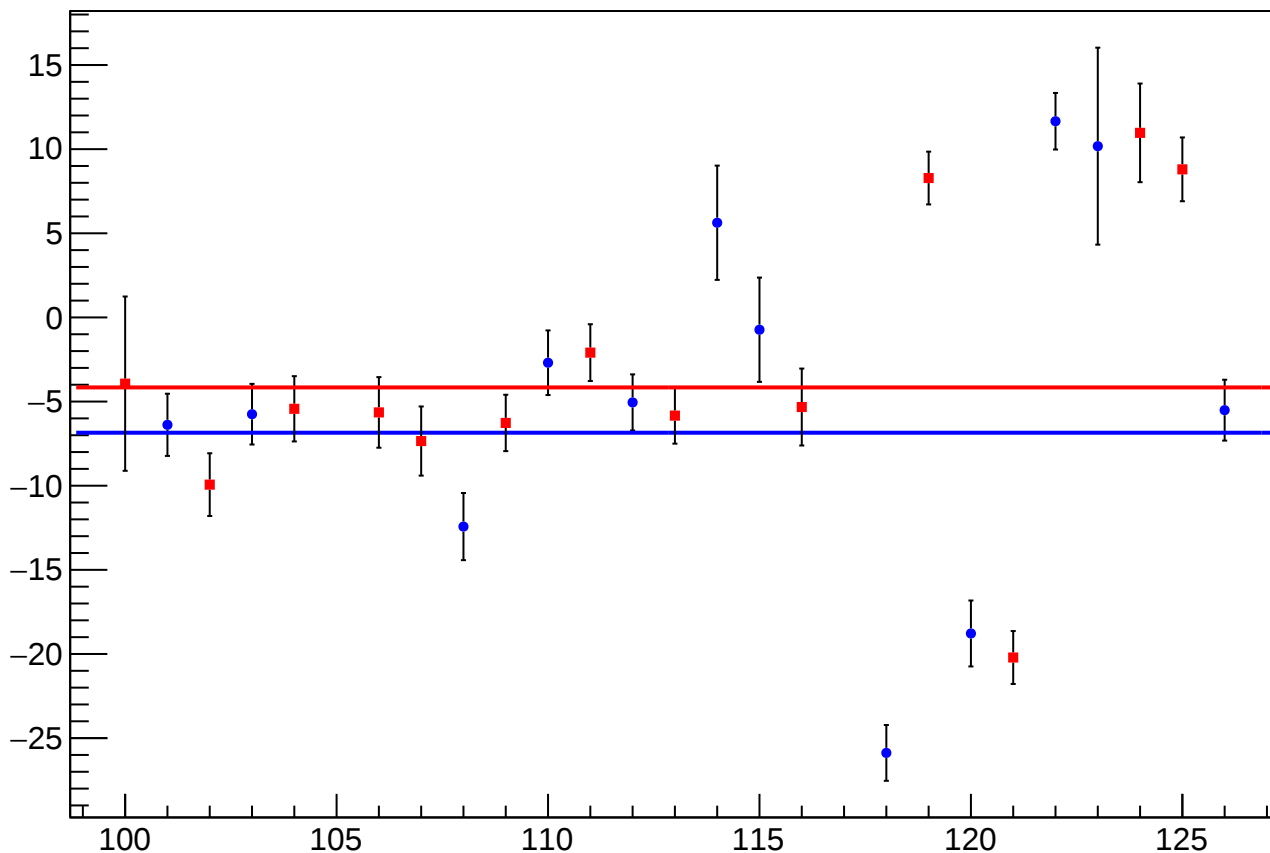
Right: 7780.986+/-1.857 χ^2/NDF : 510946.7/24

In: 8042.796+/-2.792 χ^2/NDF : 206393.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7780.986+/-1.857 χ^2/NDF : 510946.7/24

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -6.851+/-0.579 χ^2/NDF : 330.6/11

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

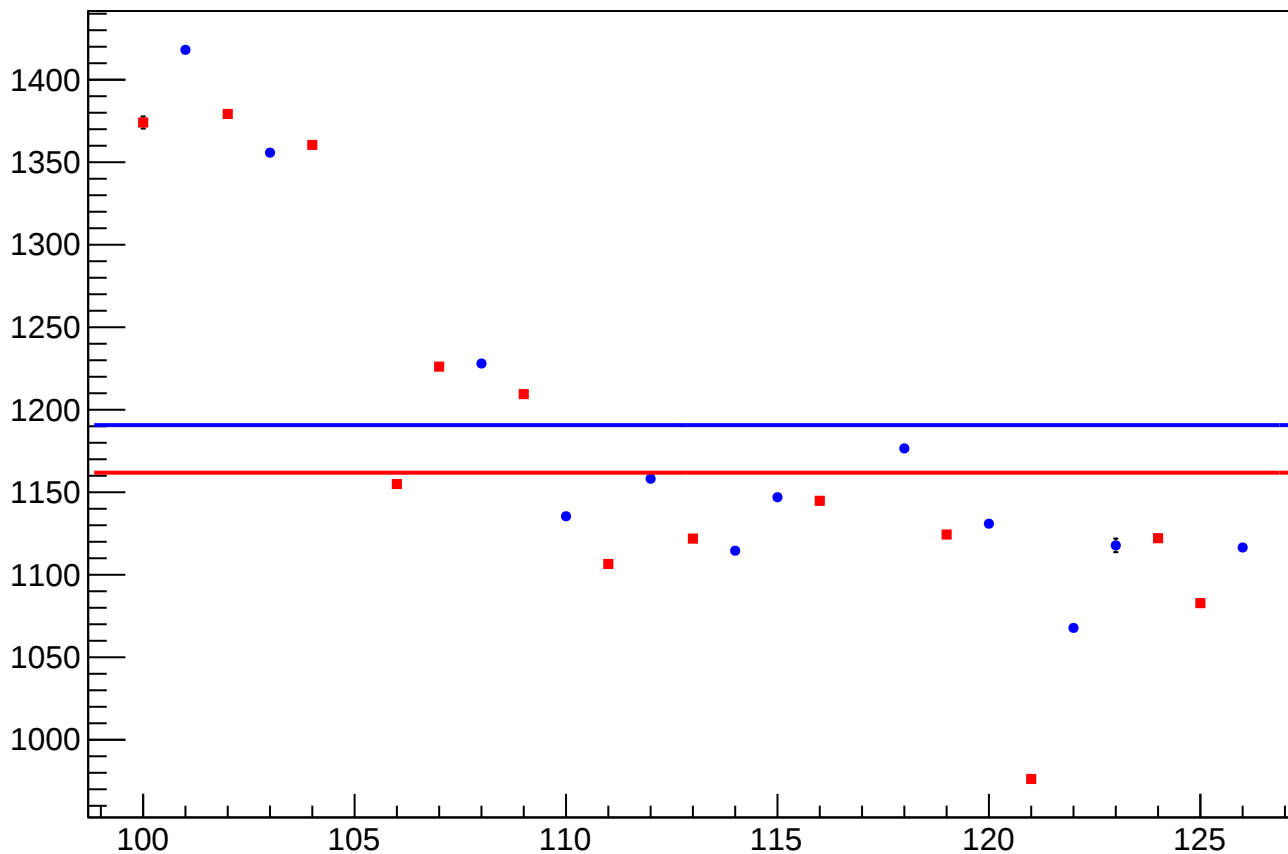
Right: -5.395+/-0.392 χ^2/NDF : 600.2/24

In: -6.851+/-0.579 χ^2/NDF :330.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.395+/-0.392 χ^2/NDF : 600.2/24

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1190.678+/-0.409 χ^2/NDF : 67959.7/11

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

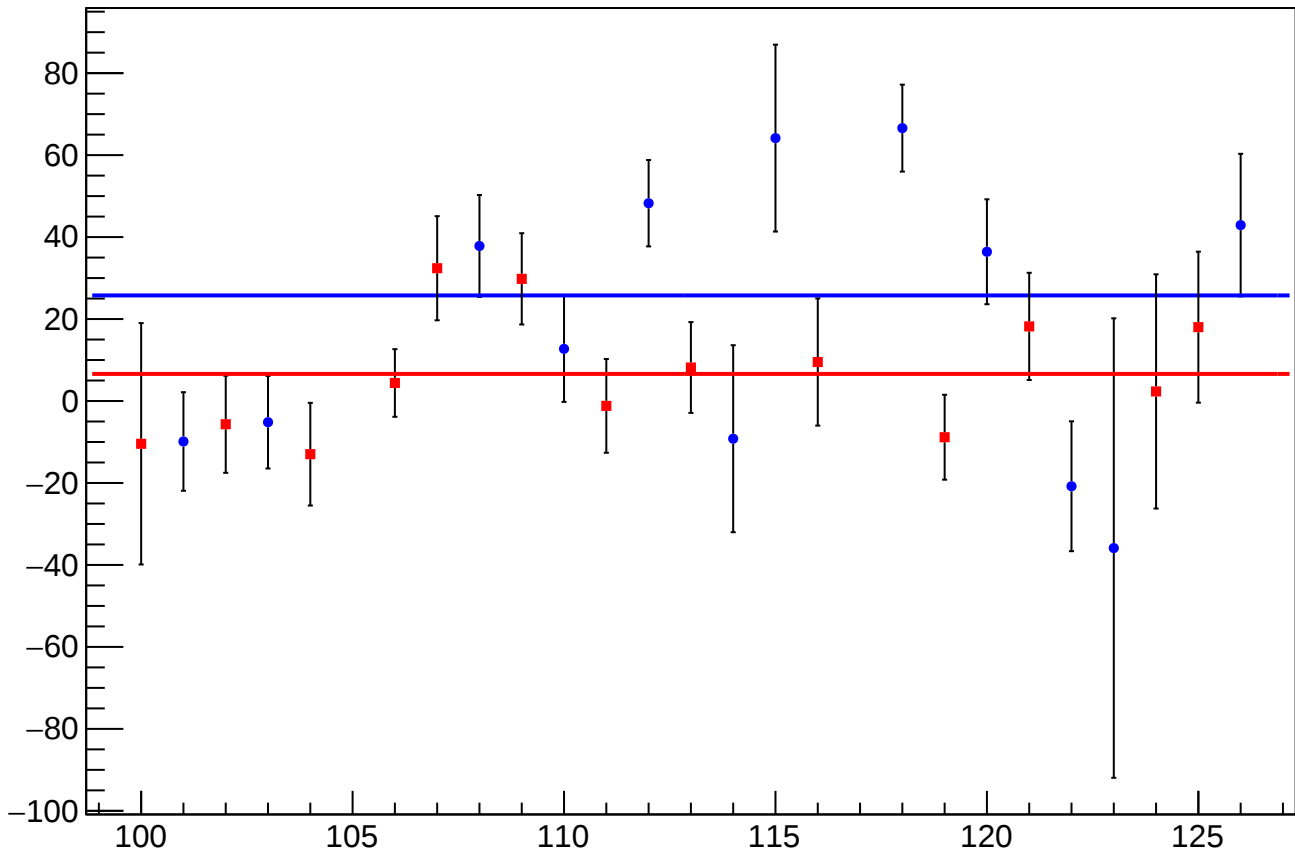
Right: 1175.086+/-0.277 χ^2/NDF : 162026.5/24

In: 1190.678+/-0.409 χ^2/NDF : 67959.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1175.086+/-0.277 χ^2/NDF : 162026.5/24

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: 25.762 $\pm$ 3.996 χ^2 /NDF: 54.3/11

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

Right Out: 6.612 $\pm$ 3.474 χ^2 /NDF: 16.3/12

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

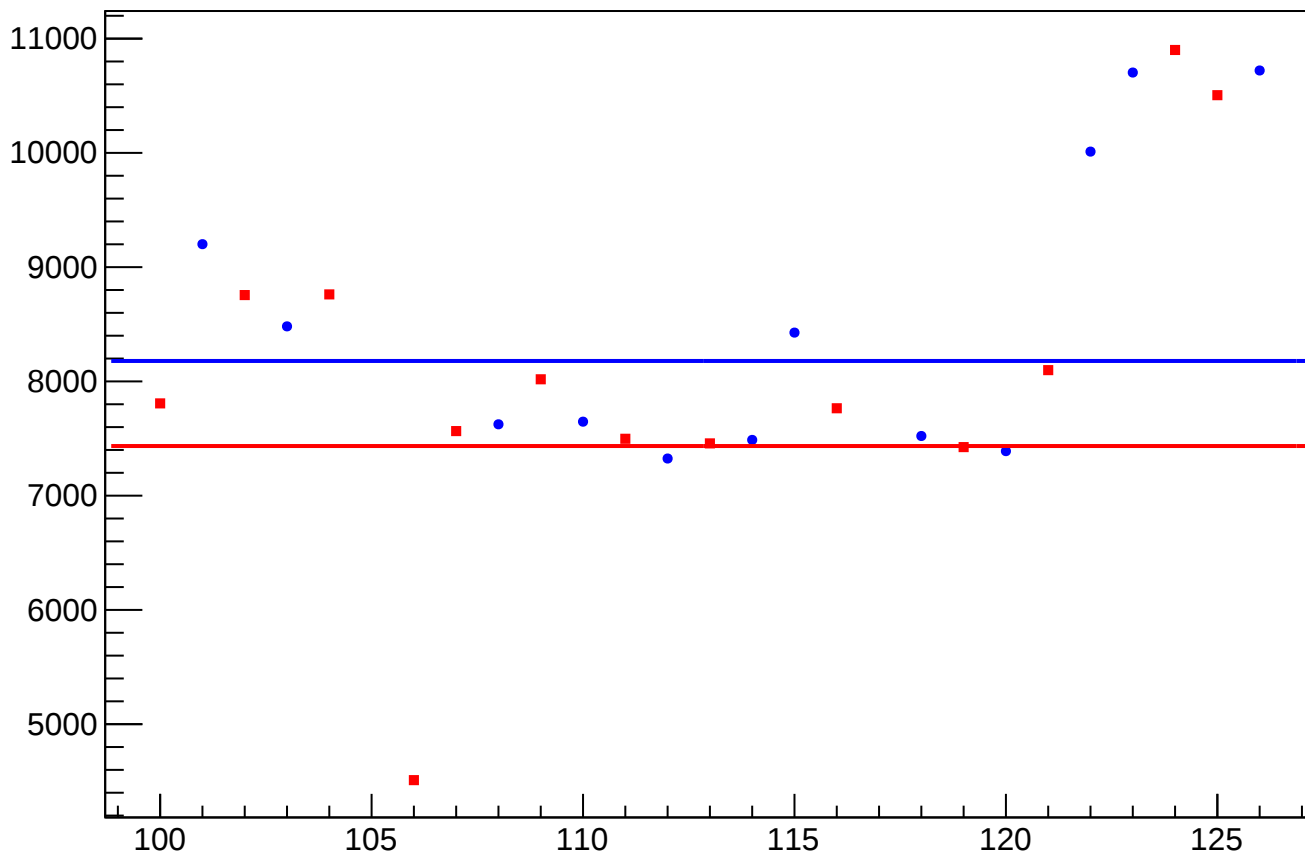
Right: 14.856 $\pm$ 2.622 χ^2 /NDF: 83.7/24

In: 25.762 $\pm$ 3.996 χ^2 /NDF: 54.3/11

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

All: 14.856 $\pm$ 2.622 χ^2 /NDF: 83.7/24

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 8178.889 $\pm$ 2.825 χ^2 /NDF: 127215.0/11

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

Right Out: 7434.405 $\pm$ 2.456 χ^2 /NDF: 395606.7/12

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

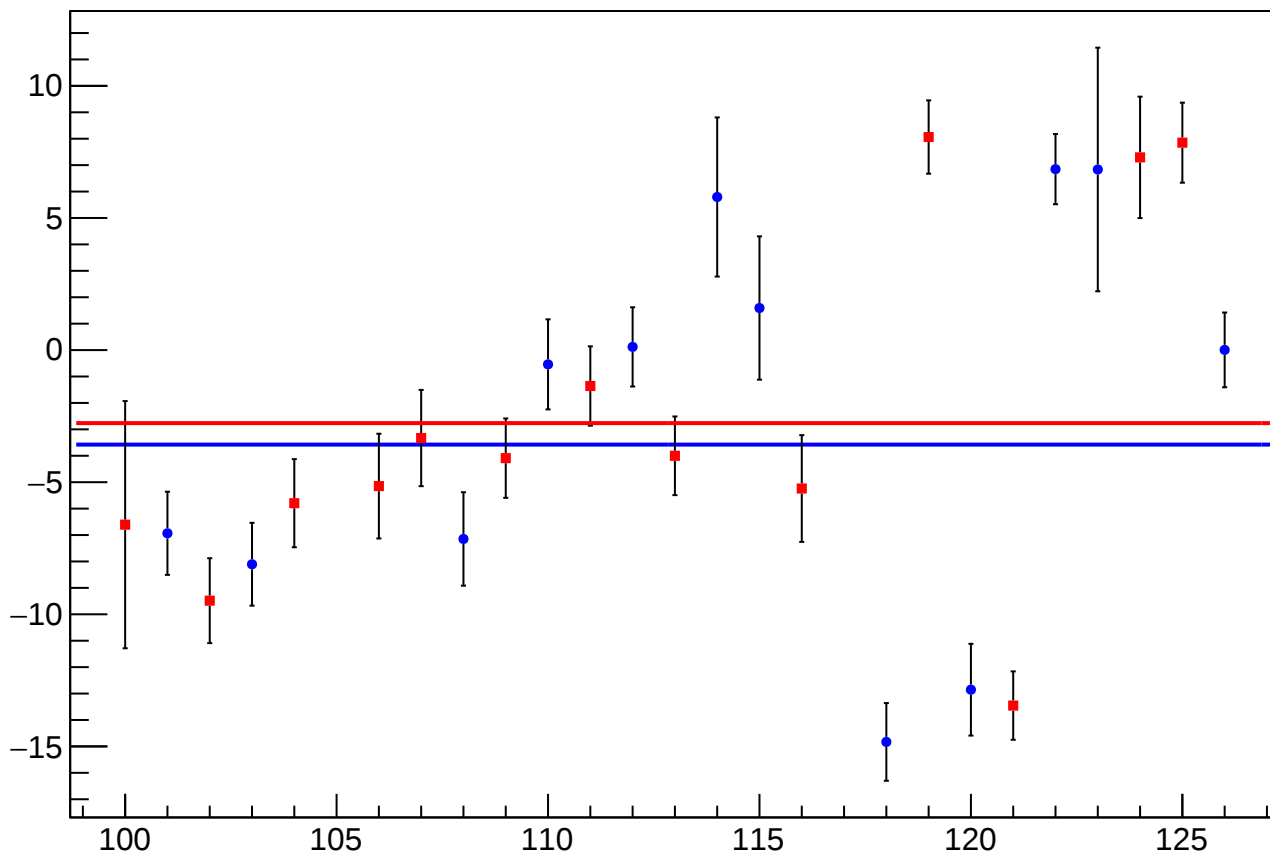
Right: 7754.907 $\pm$ 1.854 χ^2 /NDF: 562364.7/24

In: 8178.889 $\pm$ 2.825 χ^2 /NDF:127215.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 7754.907 $\pm$ 1.854 χ^2 /NDF: 562364.7/24

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -3.578 ± 0.495 χ^2/NDF : 199.8/11

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

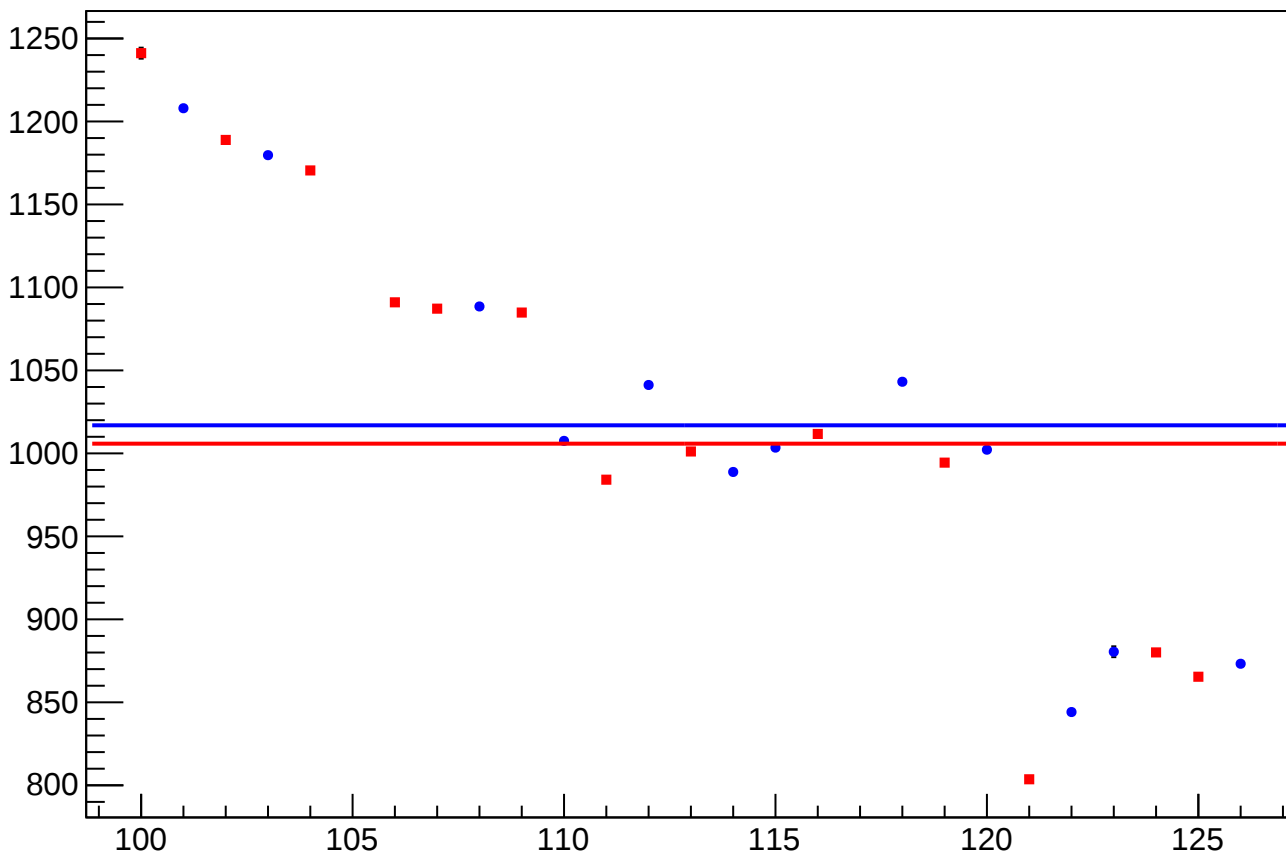
Right: -3.143 ± 0.338 χ^2/NDF : 425.5/24

In: -3.578 ± 0.495 χ^2/NDF : 199.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.143 ± 0.338 χ^2/NDF : 425.5/24

diff_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 1016.914+/-0.350 χ^2/NDF : 112117.1/11

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

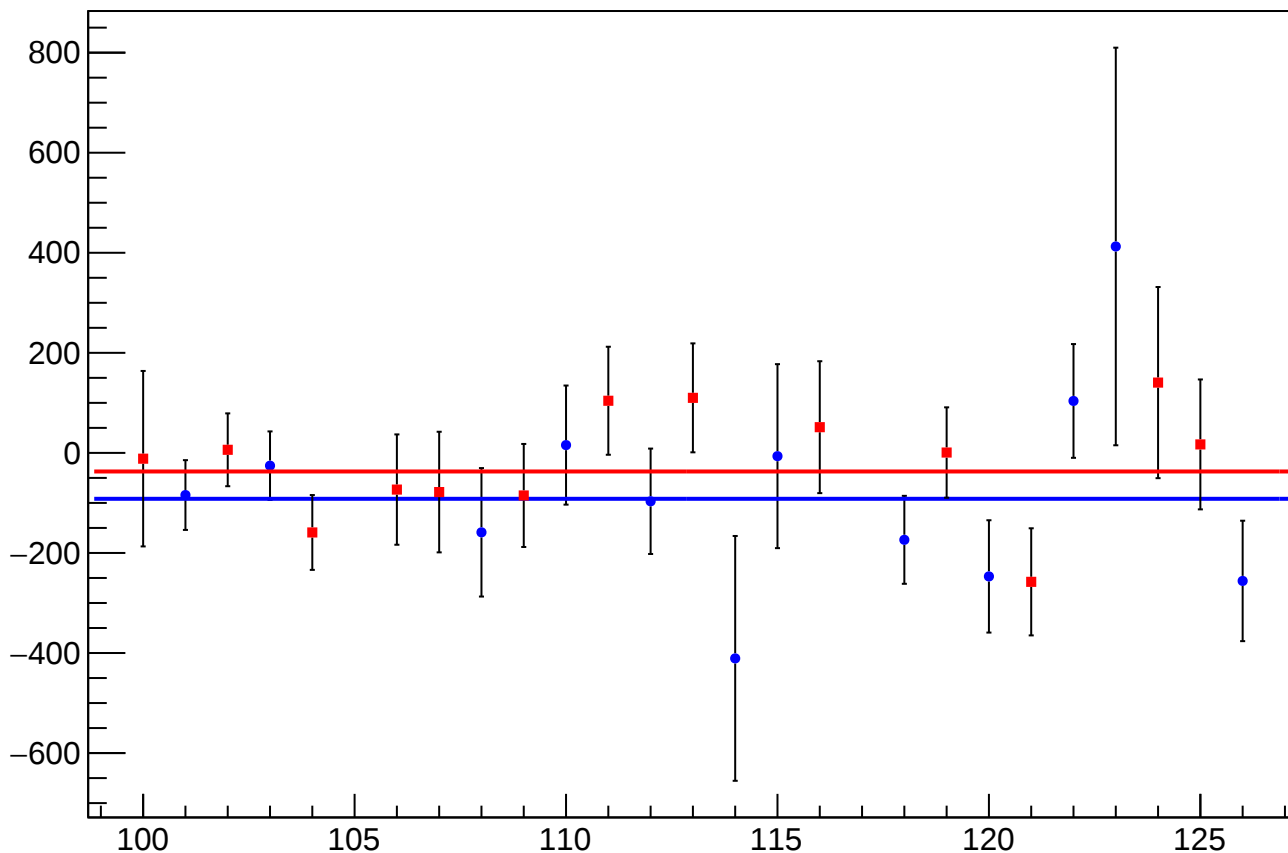
Right: 1011.002+/-0.239 χ^2/NDF : 248966.9/24

In: 1016.914+/-0.350 χ^2/NDF : 112117.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1011.002+/-0.239 χ^2/NDF : 248966.9/24

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -91.760 ± 30.891 χ^2/NDF : 13.2/11

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

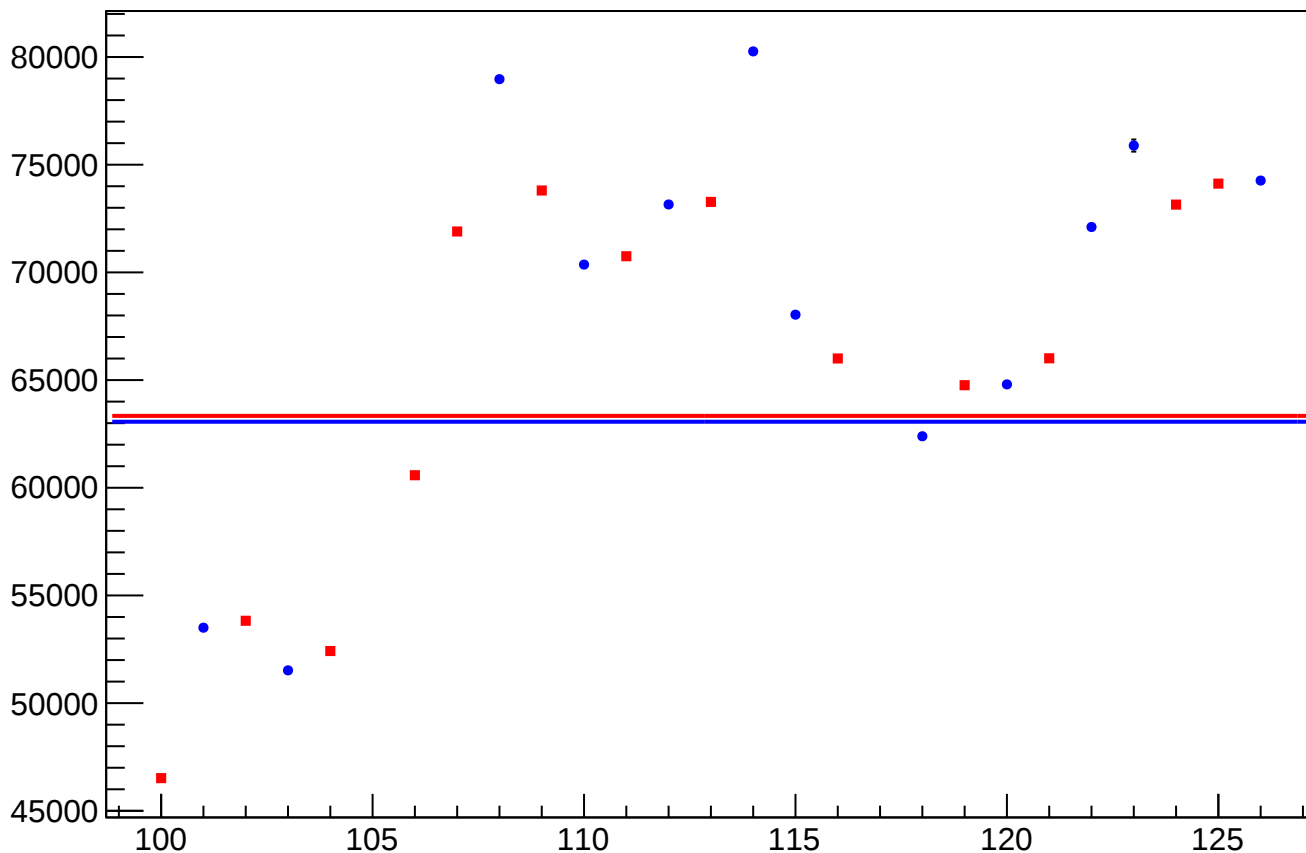
Right: -62.953 ± 21.236 χ^2/NDF : 27.7/24

In: -91.760 ± 30.891 χ^2/NDF : 13.2/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -62.953 ± 21.236 χ^2/NDF : 27.7/24

diff_bpm0r03X_rms vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 63209.036+/-15.016 χ^2 /NDF: 369918.2/24

In: 63065.652+/-21.843 χ^2 /NDF:194962.5/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 63209.036+/-15.016 χ^2 /NDF: 369918.2/24

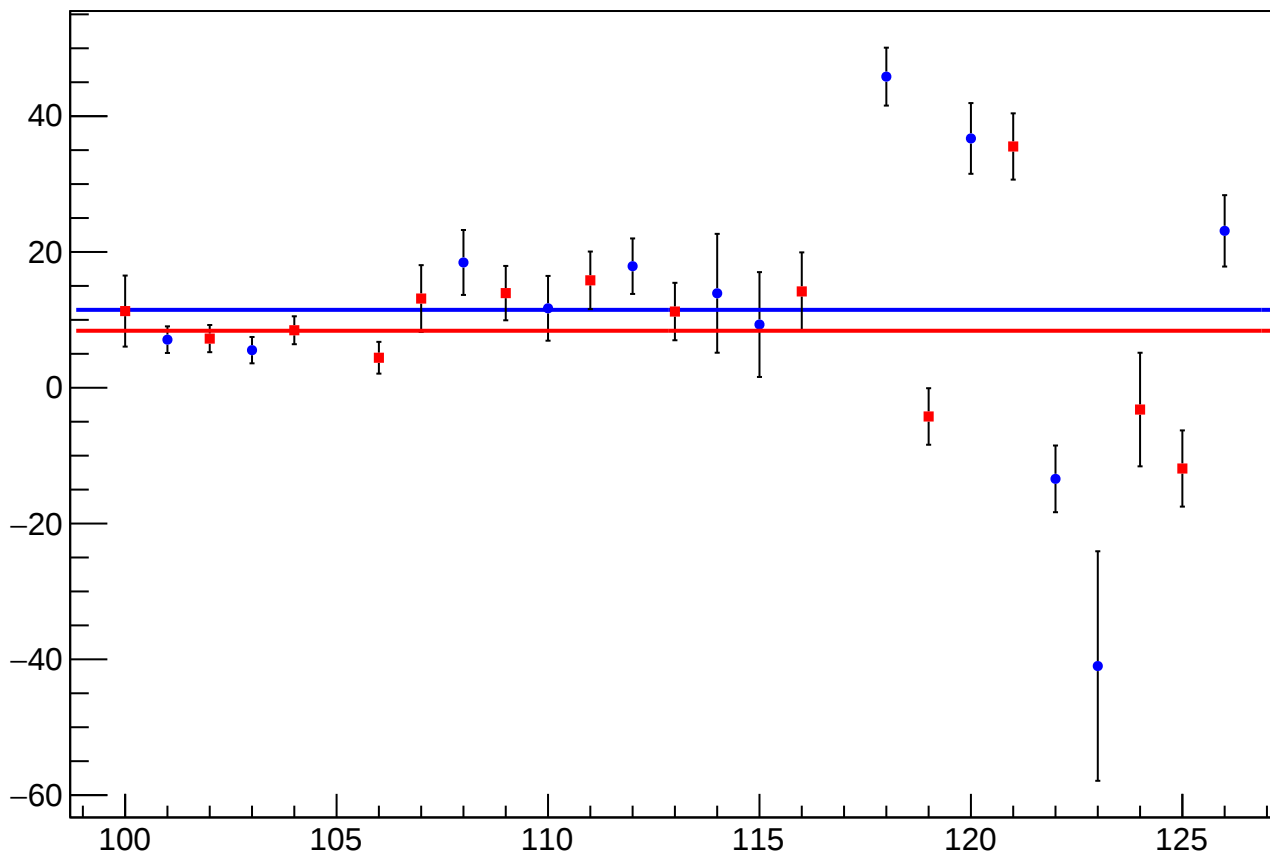
Right In: 63065.652+/-21.843 χ^2 /NDF: 194962.5/11

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

diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 11.475+/-1.068 χ^2/NDF : 147.7/11

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

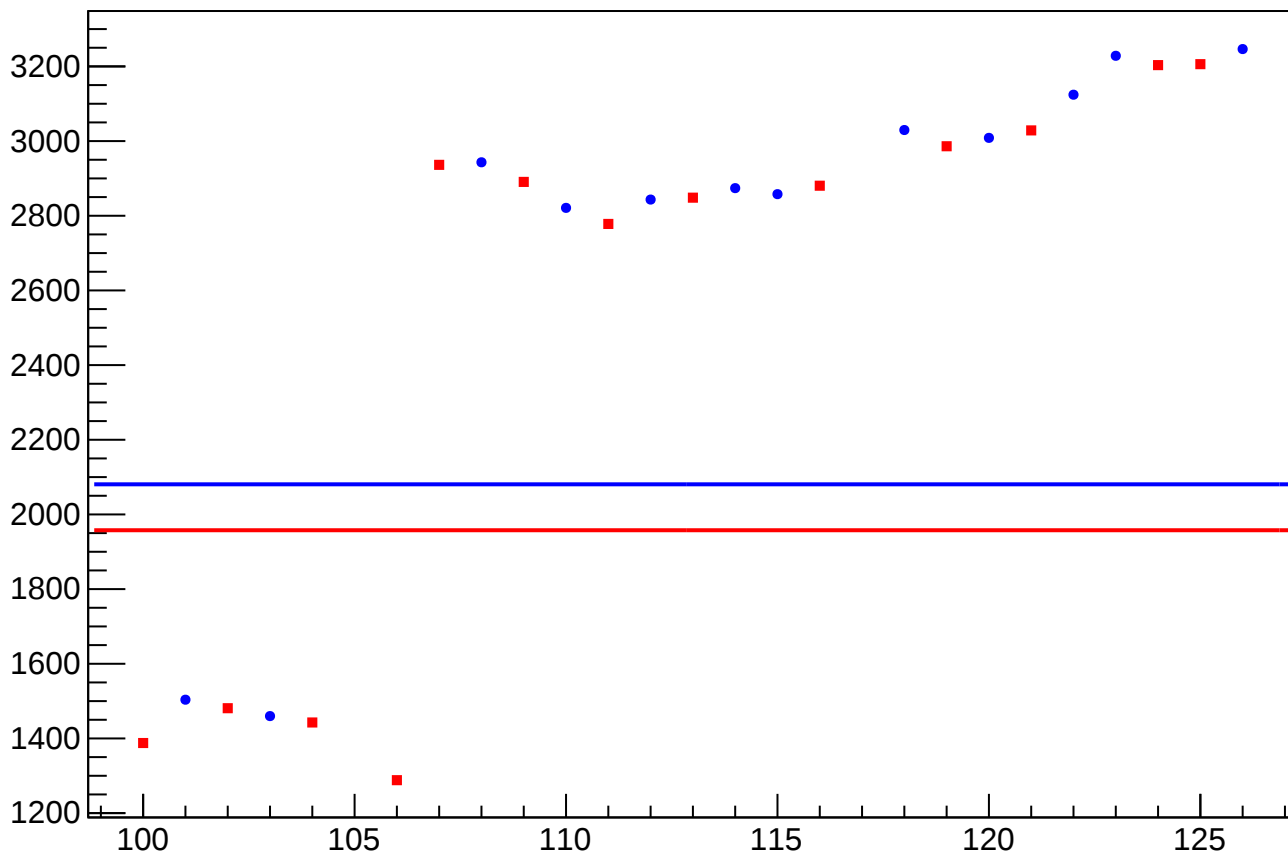
Right: 9.763+/-0.712 χ^2/NDF : 218.3/24

In: 11.475+/-1.068 χ^2/NDF : 147.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.763+/-0.712 χ^2/NDF : 218.3/24

diff_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 2080.675+/-0.755 χ^2/NDF : 957827.3/11

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

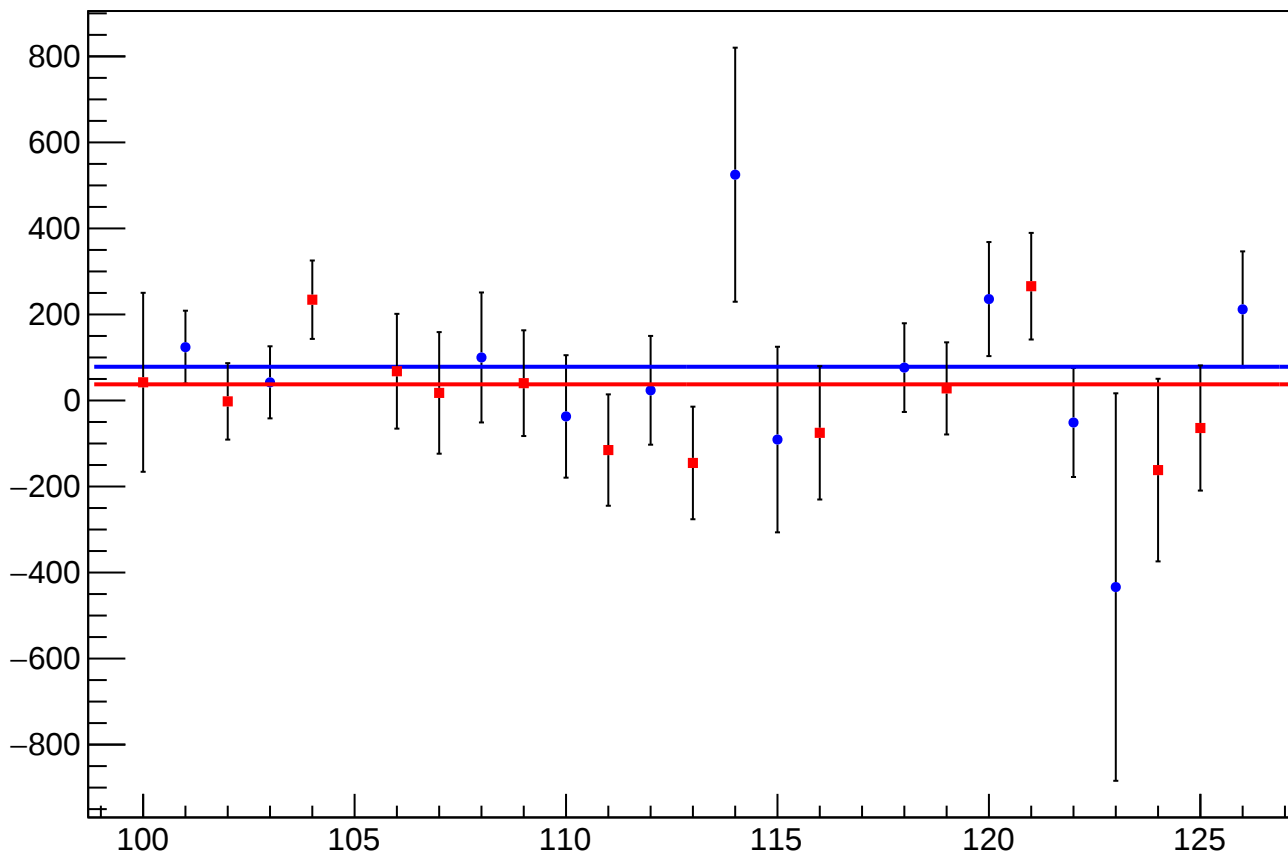
Right: 2012.311+/-0.503 χ^2/NDF : 2163419.2/24

In: 2080.675+/-0.755 χ^2/NDF : 957827.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2012.311+/-0.503 χ^2/NDF : 2163419.2/24

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 78.413+/-36.676 χ^2/NDF : 9.0/11

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

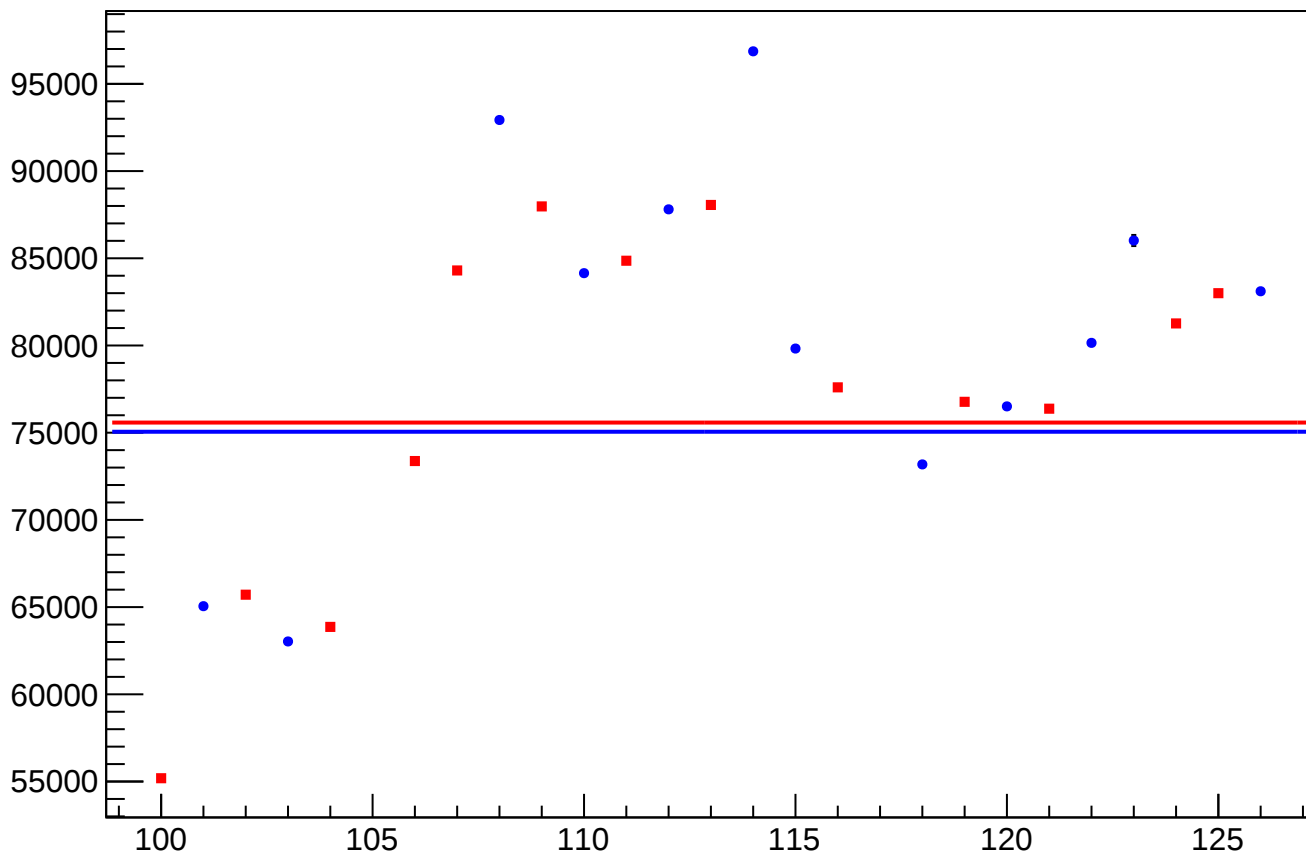
Right: 56.933+/-25.259 χ^2/NDF : 23.2/24

In: 78.413+/-36.676 χ^2/NDF : 9.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.933+/-25.259 χ^2/NDF : 23.2/24

diff_bpm0r05X_rms vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 75054.455+/-25.934 χ^2 /NDF: 149855.5/11

Right: 75331.253+/-17.861 χ^2 /NDF: 291248.2/24

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

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

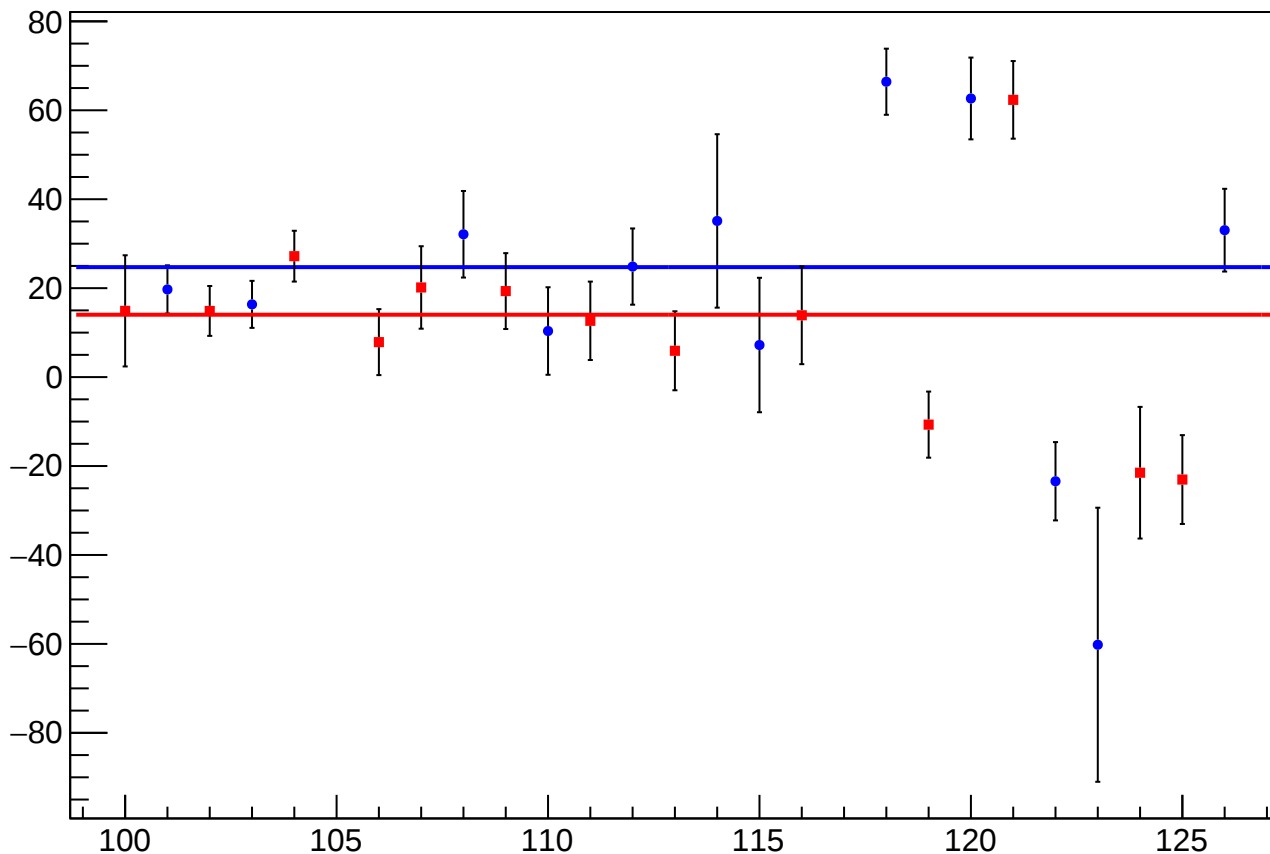
In: 75054.455+/-25.934 χ^2 /NDF: 149855.5/11

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 75331.253+/-17.861 χ^2 /NDF: 291248.2/24

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 24.728+/-2.449 χ^2/NDF : 94.4/11

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

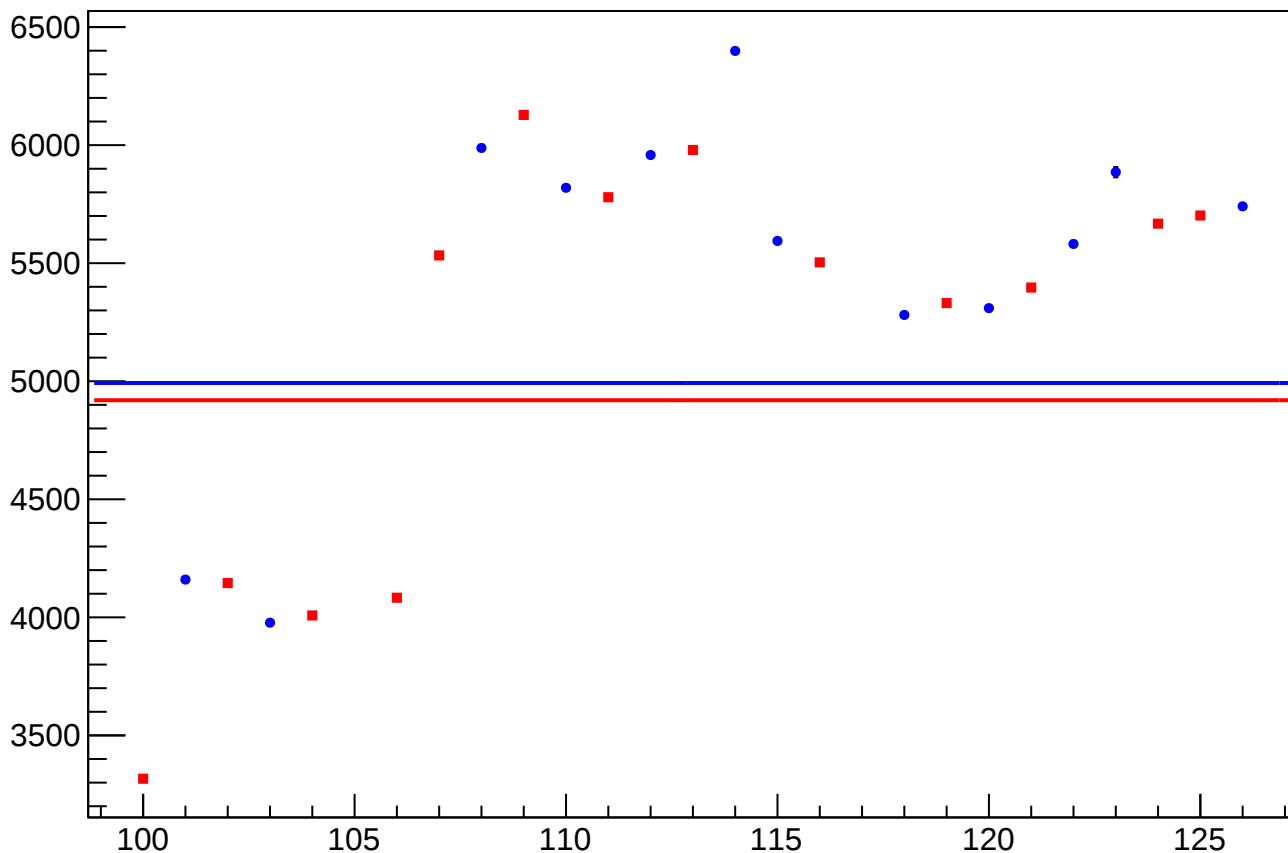
Right: 19.000+/-1.670 χ^2/NDF : 173.6/24

In: 24.728+/-2.449 χ^2/NDF : 94.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.000+/-1.670 χ^2/NDF : 173.6/24

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 4992.580+/-1.732 χ^2/NDF : 223850.3/11

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

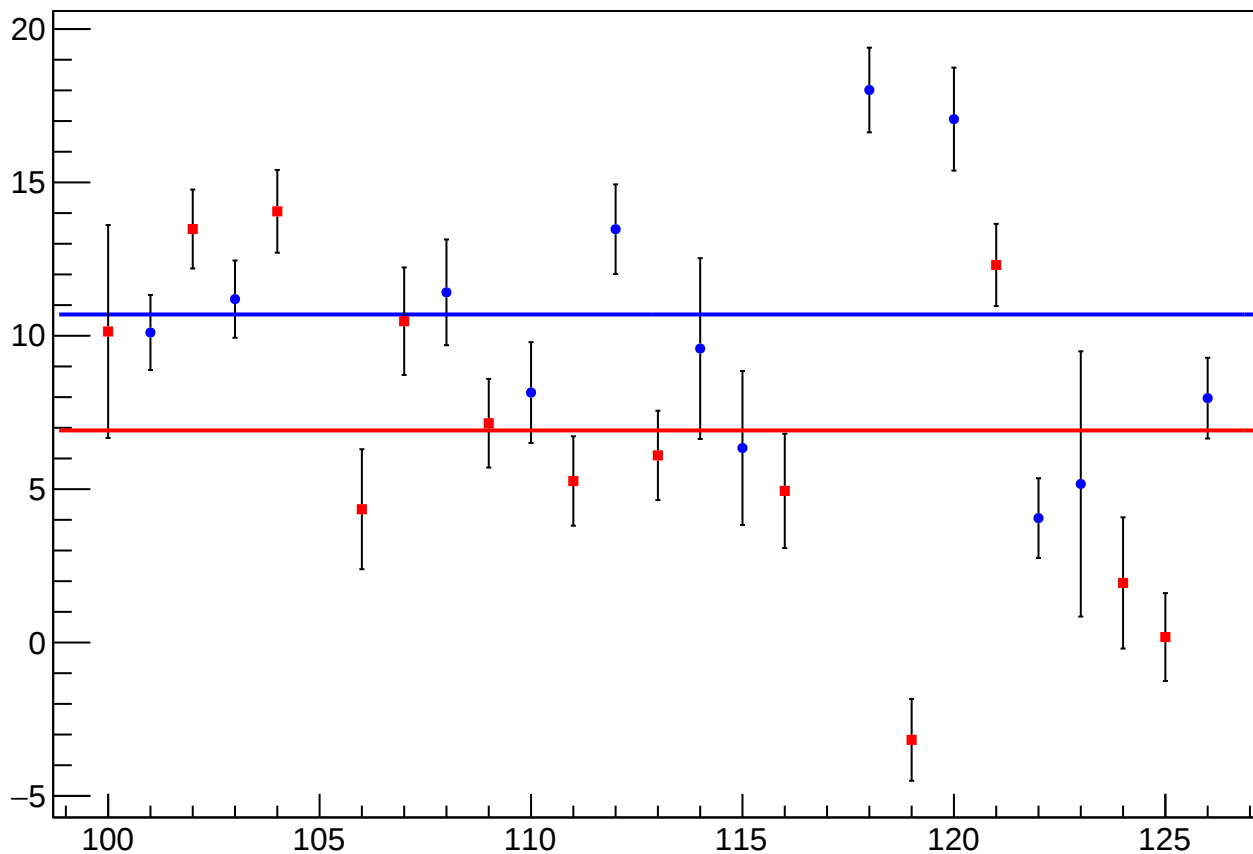
Right: 4953.508+/-1.181 χ^2/NDF : 503662.8/24

In: 4992.580+/-1.732 χ^2/NDF : 223850.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4953.508+/-1.181 χ^2/NDF : 503662.8/24

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 10.695+/-0.454 χ^2/NDF : 84.2/11

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

Right Out: 6.915+/-0.432 χ^2/NDF : 164.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

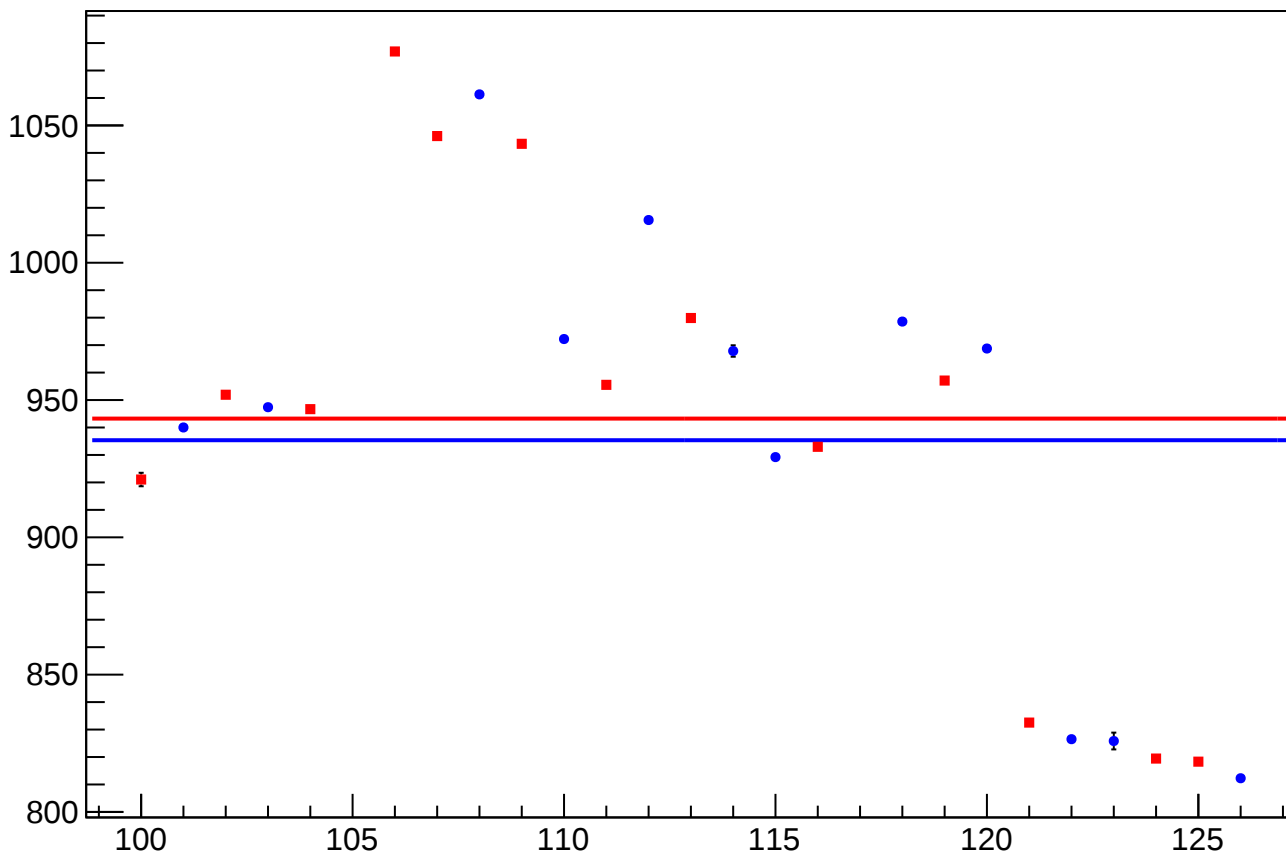
Right: 8.711+/-0.313 χ^2/NDF : 284.9/24

In: 10.695+/-0.454 χ^2/NDF : 84.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.711+/-0.313 χ^2/NDF : 284.9/24

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 935.367+/-0.321 χ^2/NDF : 53747.8/11

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

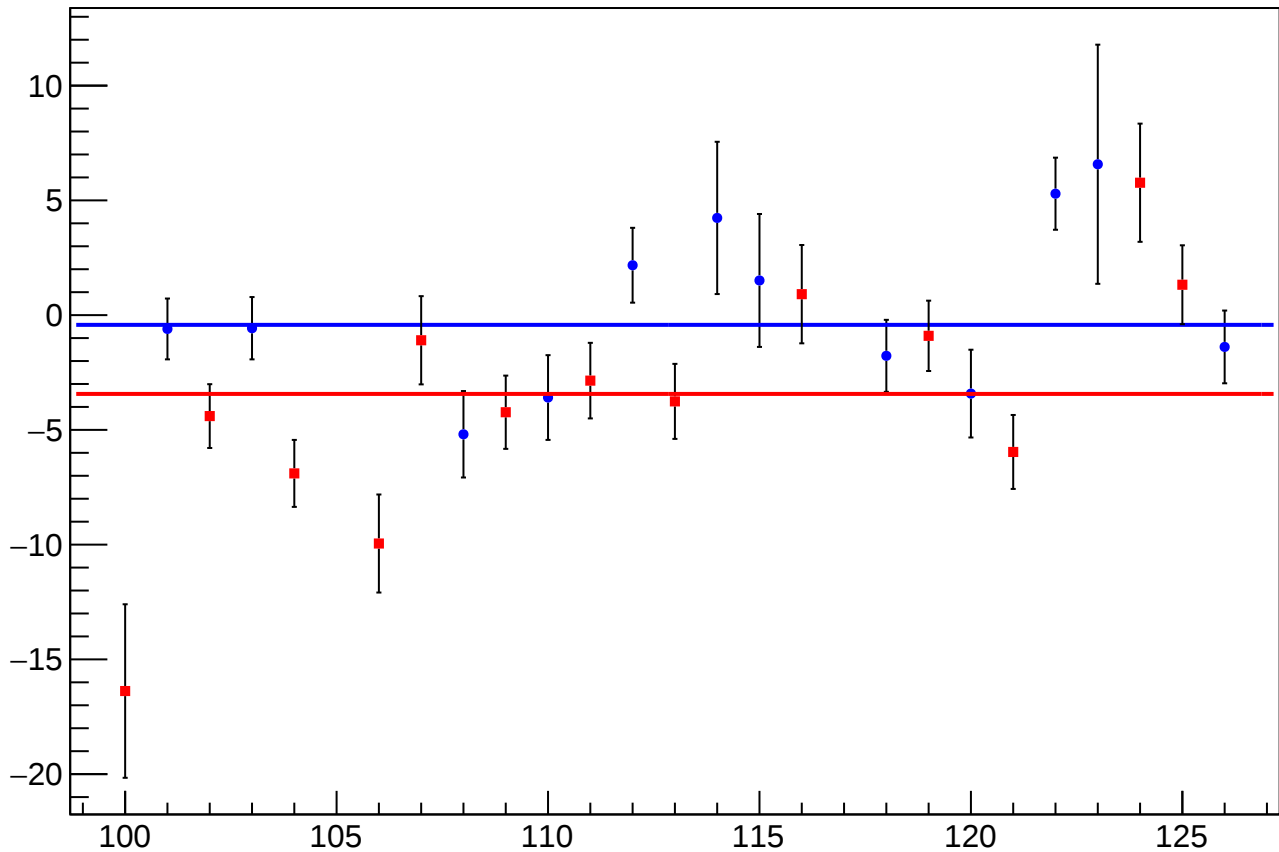
Right: 939.501+/-0.221 χ^2/NDF : 117315.2/24

In: 935.367+/-0.321 χ^2/NDF : 53747.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 939.501+/-0.221 χ^2/NDF : 117315.2/24

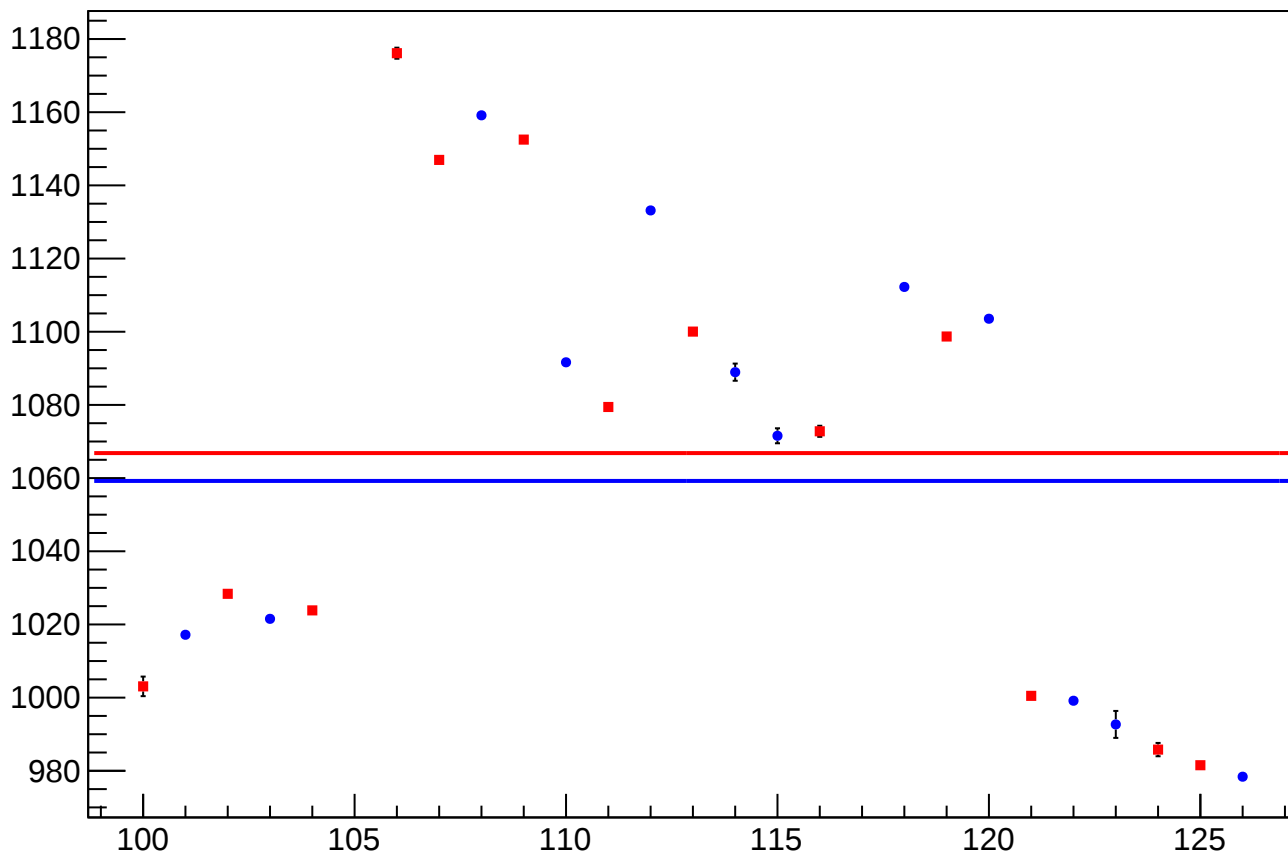
diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -0.424+/-0.513 χ^2/NDF : 32.9/11
 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: -2.005+/-0.354 χ^2/NDF : 109.8/24
 In: -0.424+/-0.513 χ^2/NDF : 32.9/11
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -2.005+/-0.354 χ^2/NDF : 109.8/24

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 1059.223+/-0.363 χ^2/NDF : 25922.0/11

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

Right Out: 1066.835+/-0.345 χ^2/NDF : 30433.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

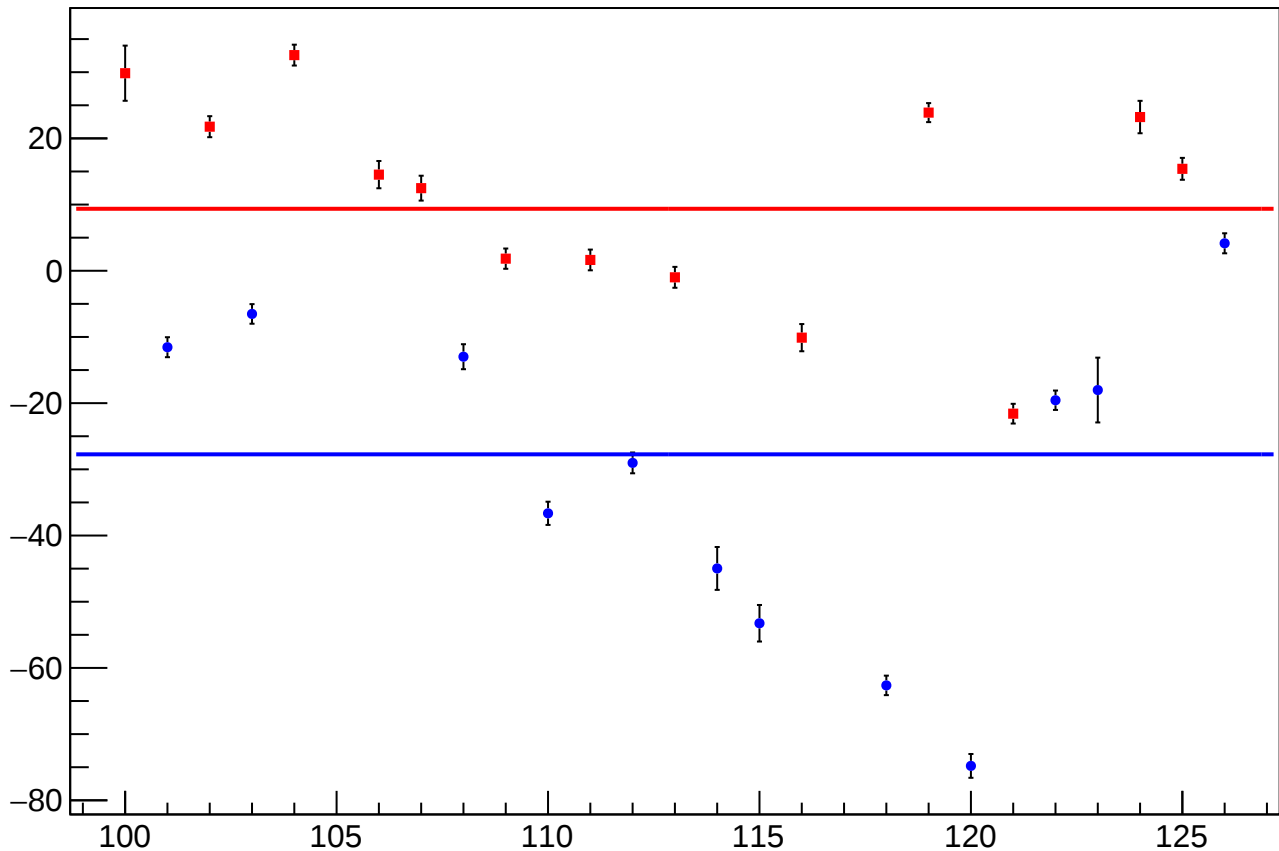
Right: 1063.223+/-0.250 χ^2/NDF : 56586.4/24

In: 1059.223+/-0.363 χ^2/NDF : 25922.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1063.223+/-0.250 χ^2/NDF : 56586.4/24

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -27.732 ± 0.510 $\chi^2/\text{NDF}: 2247.3/11$

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

Right Out: 9.365 ± 0.481 $\chi^2/\text{NDF}: 1072.1/12$

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

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

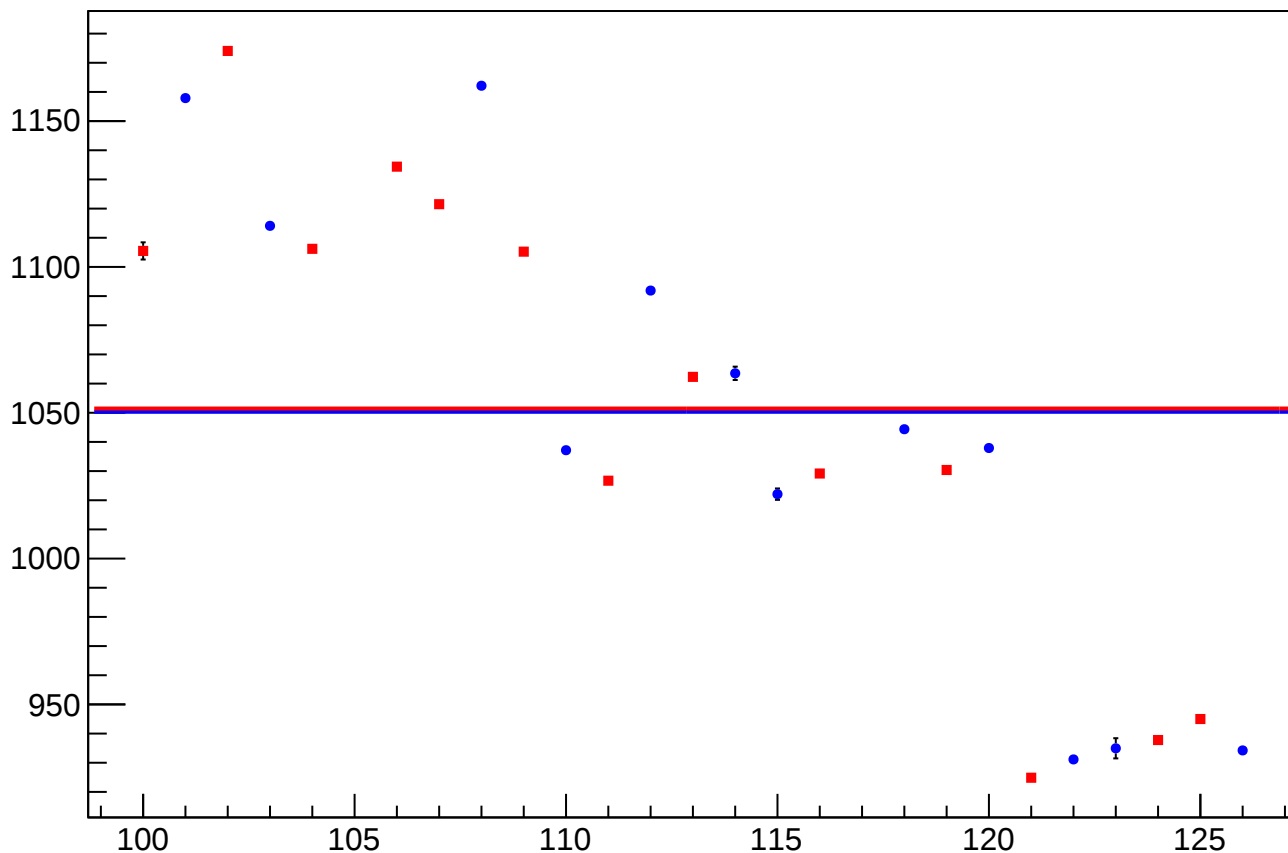
Right: -8.121 ± 0.350 $\chi^2/\text{NDF}: 6119.0/24$

In: -27.732 ± 0.510 $\chi^2/\text{NDF}: 2247.3/11$

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

All: -8.121 ± 0.350 $\chi^2/\text{NDF}: 6119.0/24$

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 1050.335+/-0.360 χ^2/NDF : 48916.2/11

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

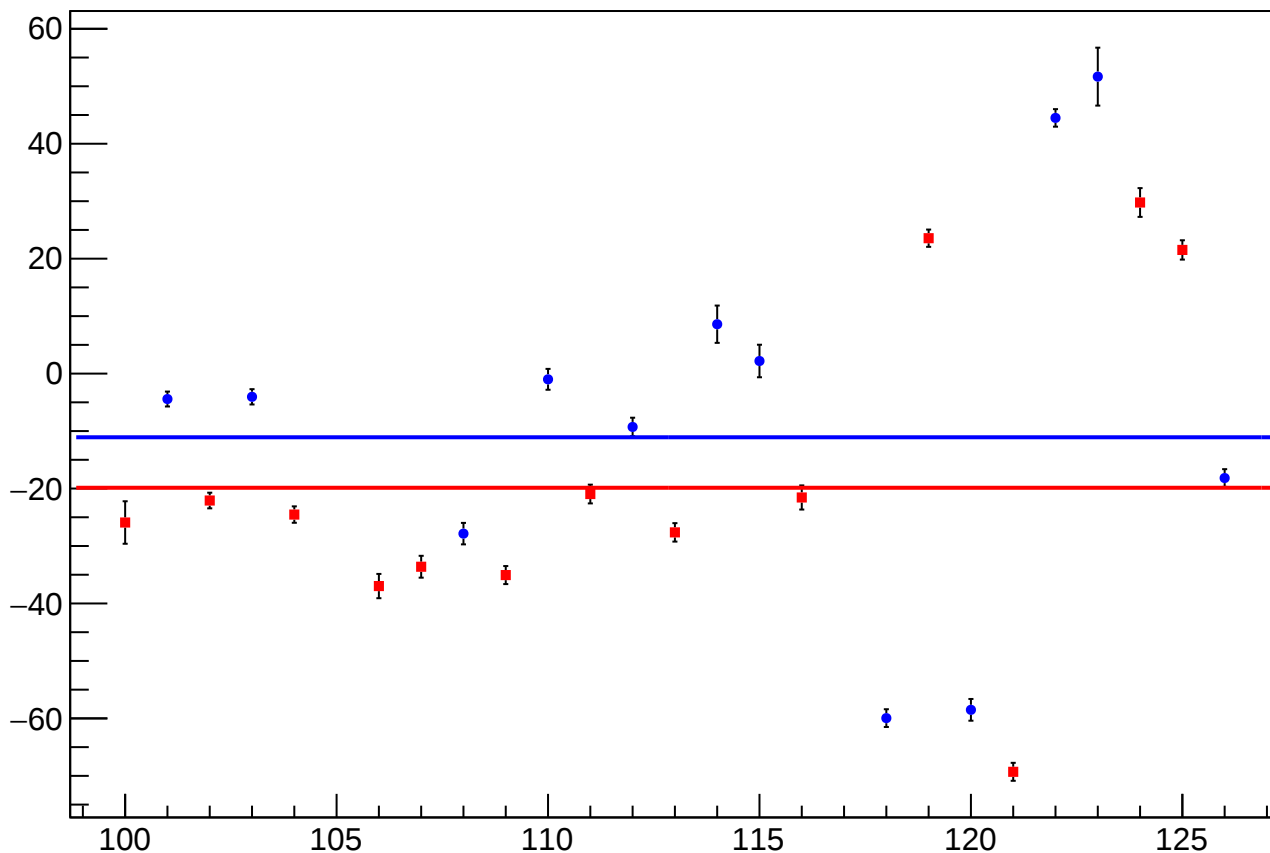
Right: 1050.924+/-0.247 χ^2/NDF : 100397.7/24

In: 1050.335+/-0.360 χ^2/NDF :48916.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1050.924+/-0.247 χ^2/NDF : 100397.7/24

diff_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -11.080+/-0.504 χ^2/NDF : 3357.5/11

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

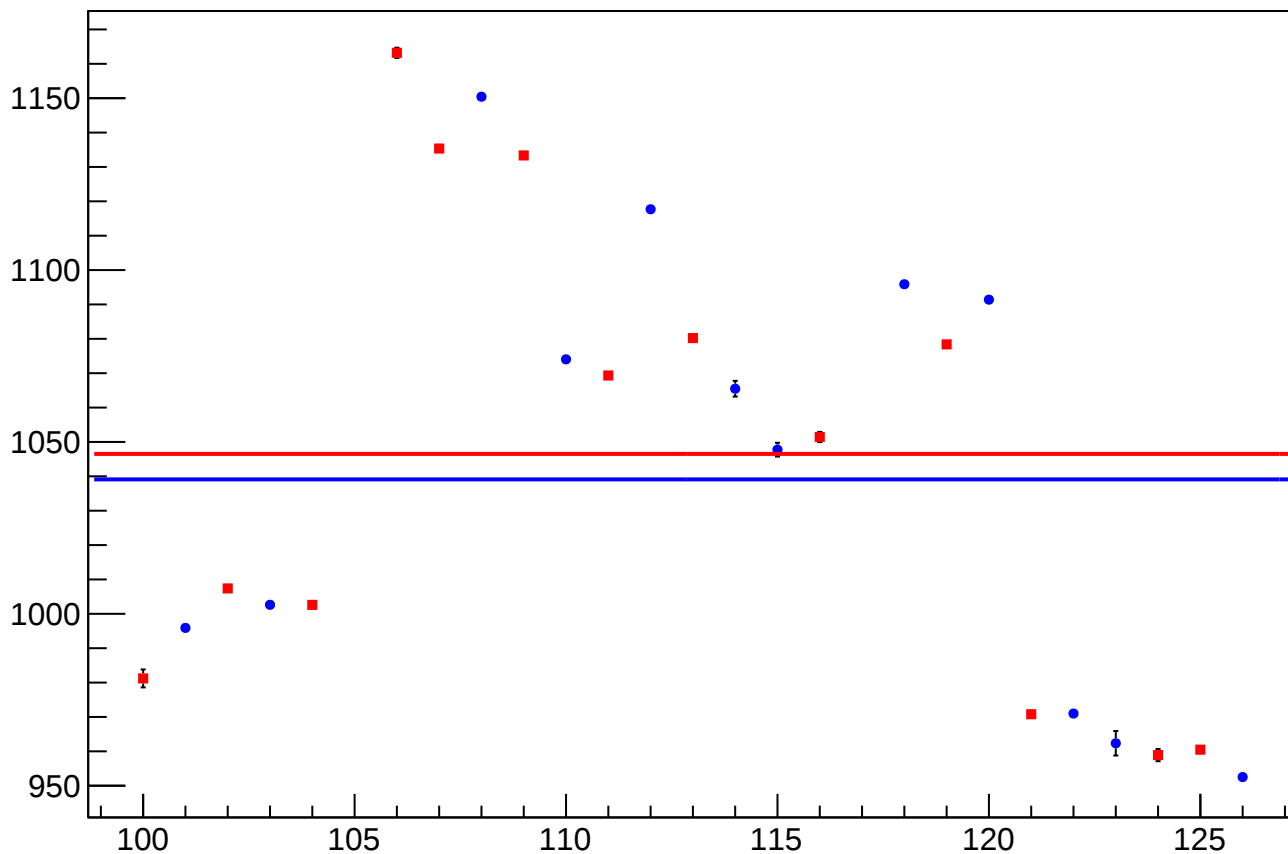
Right: -15.697+/-0.347 χ^2/NDF : 6601.7/24

In: -11.080+/-0.504 χ^2/NDF : 3357.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.697+/-0.347 χ^2/NDF : 6601.7/24

diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 1039.107+/-0.356 χ^2/NDF : 31454.1/11

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

Right Out: 1046.523+/-0.338 χ^2/NDF : 35313.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

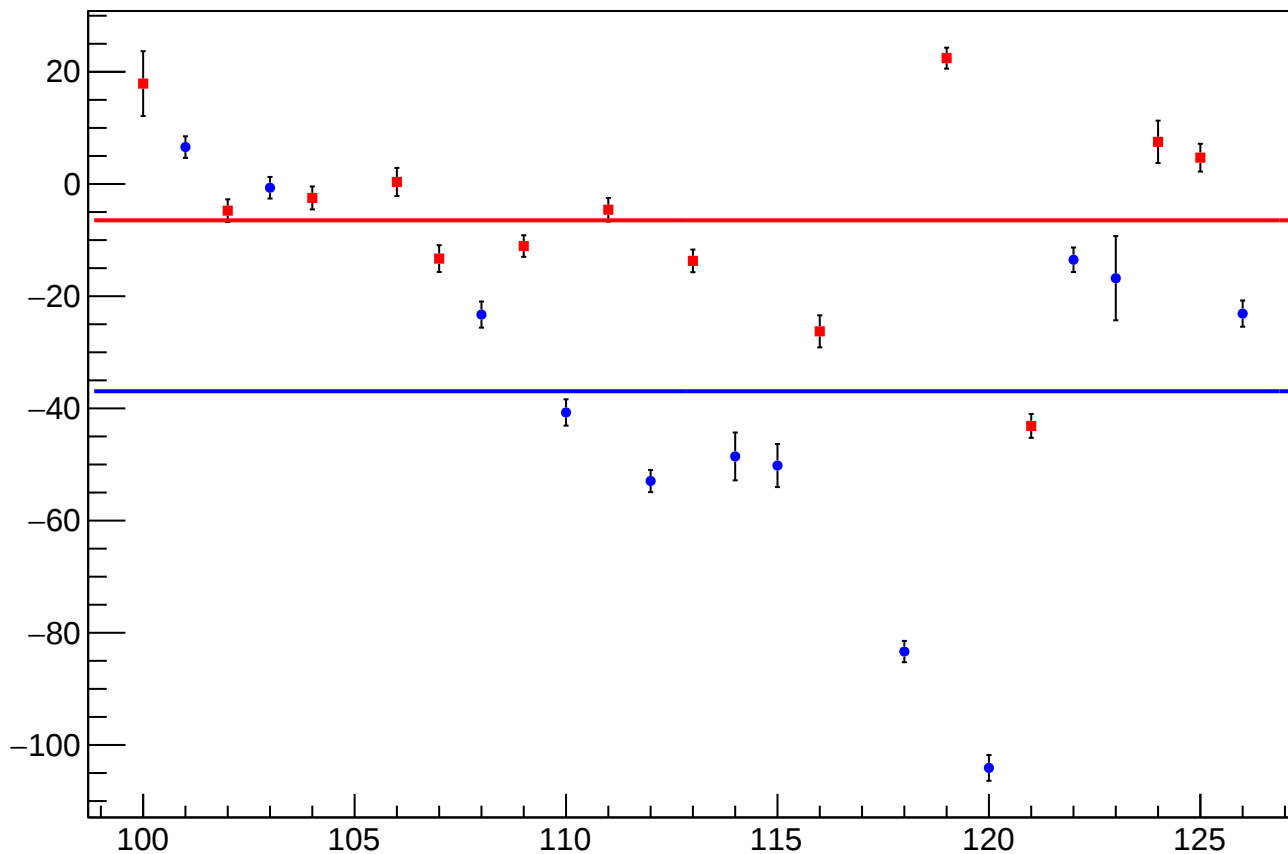
Right: 1043.004+/-0.245 χ^2/NDF : 66995.1/24

In: 1039.107+/-0.356 χ^2/NDF : 31454.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1043.004+/-0.245 χ^2/NDF : 66995.1/24

diff_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -36.942 ± 0.680 χ^2/NDF : 2592.9/11

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

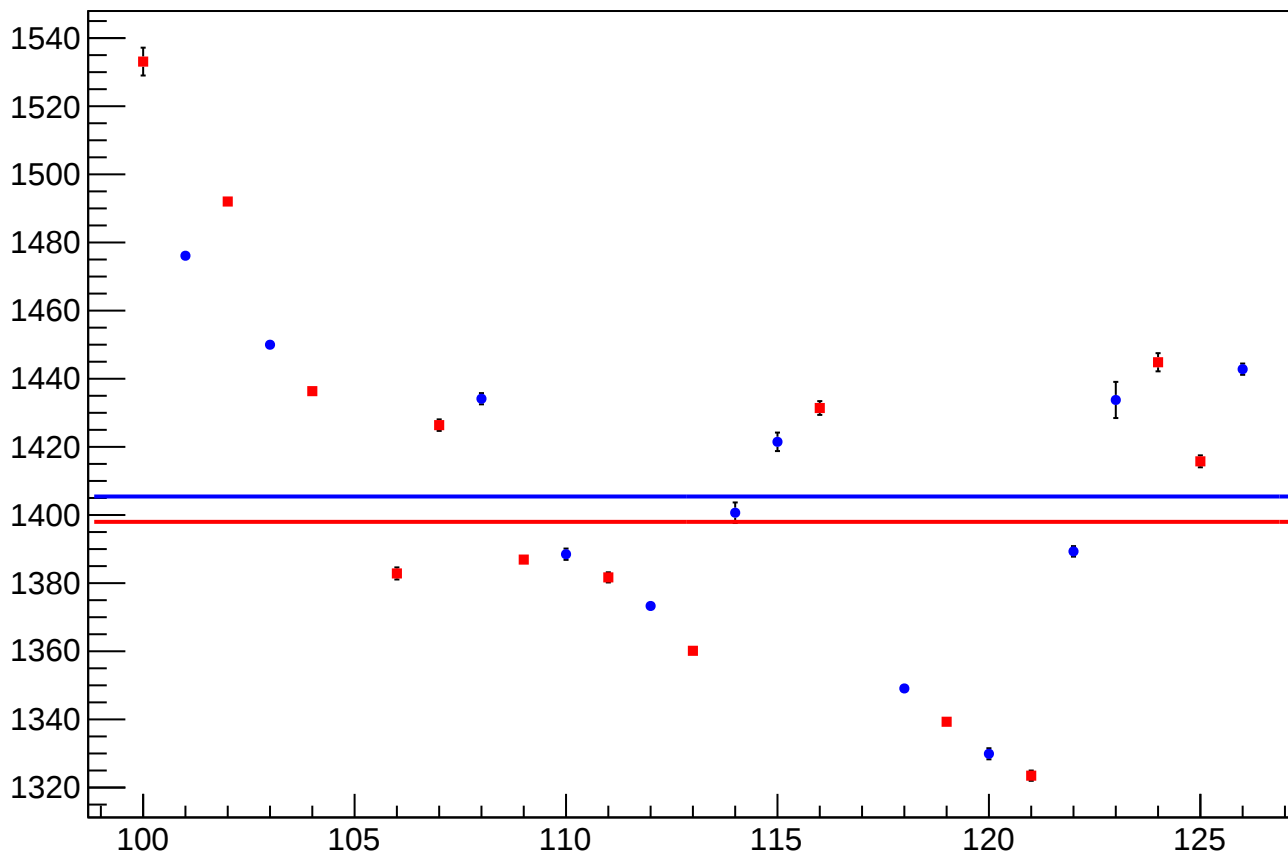
Right: -20.745 ± 0.466 χ^2/NDF : 4333.9/24

In: -36.942 ± 0.680 χ^2/NDF : 2592.9/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.745 ± 0.466 χ^2/NDF : 4333.9/24

diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1405.435+/-0.481 χ^2/NDF : 9304.6/11

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

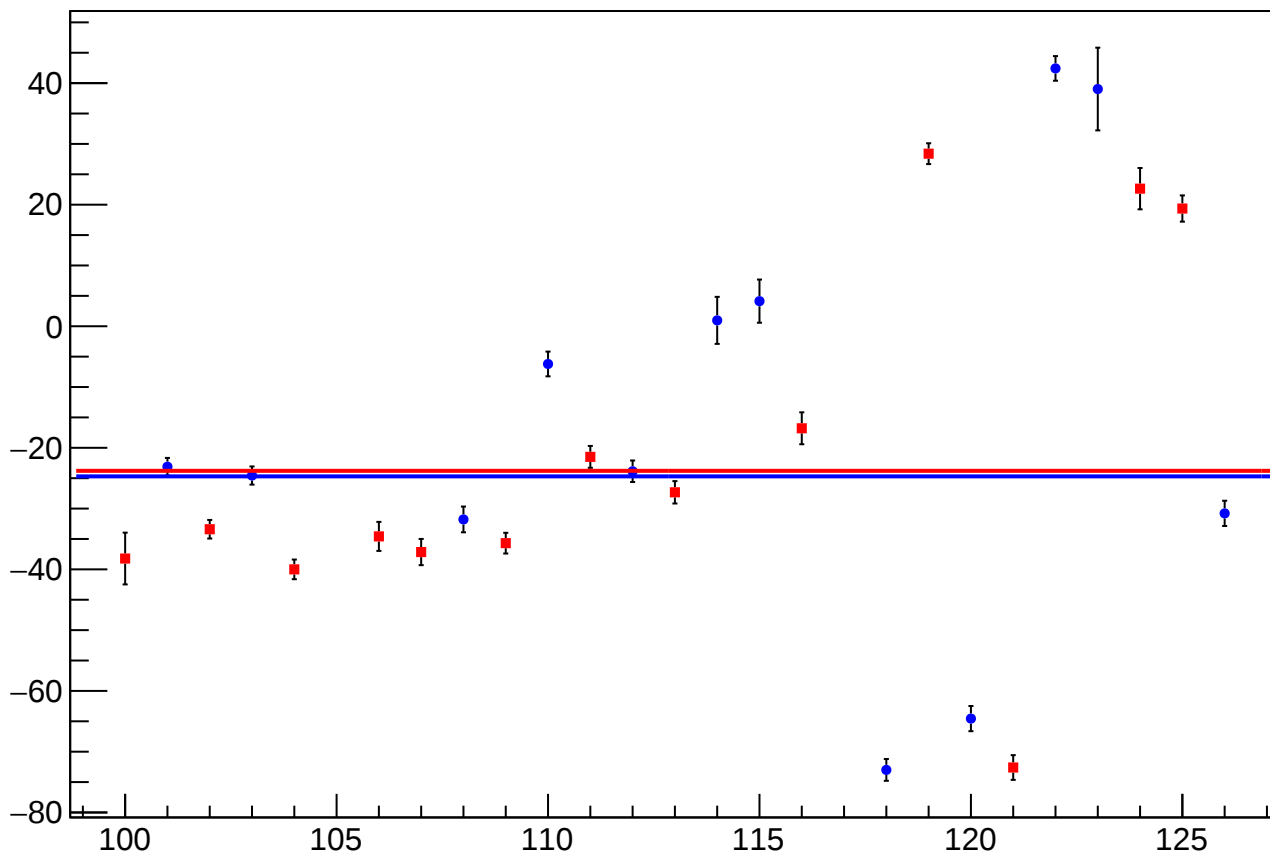
Right: 1401.479+/-0.329 χ^2/NDF : 21922.6/24

In: 1405.435+/-0.481 χ^2/NDF :9304.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1401.479+/-0.329 χ^2/NDF : 21922.6/24

diff_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -24.702 $\pm$ 0.588 χ^2 /NDF: 2494.5/11

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

Right Out: -23.788 $\pm$ 0.556 χ^2 /NDF: 2361.5/12

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

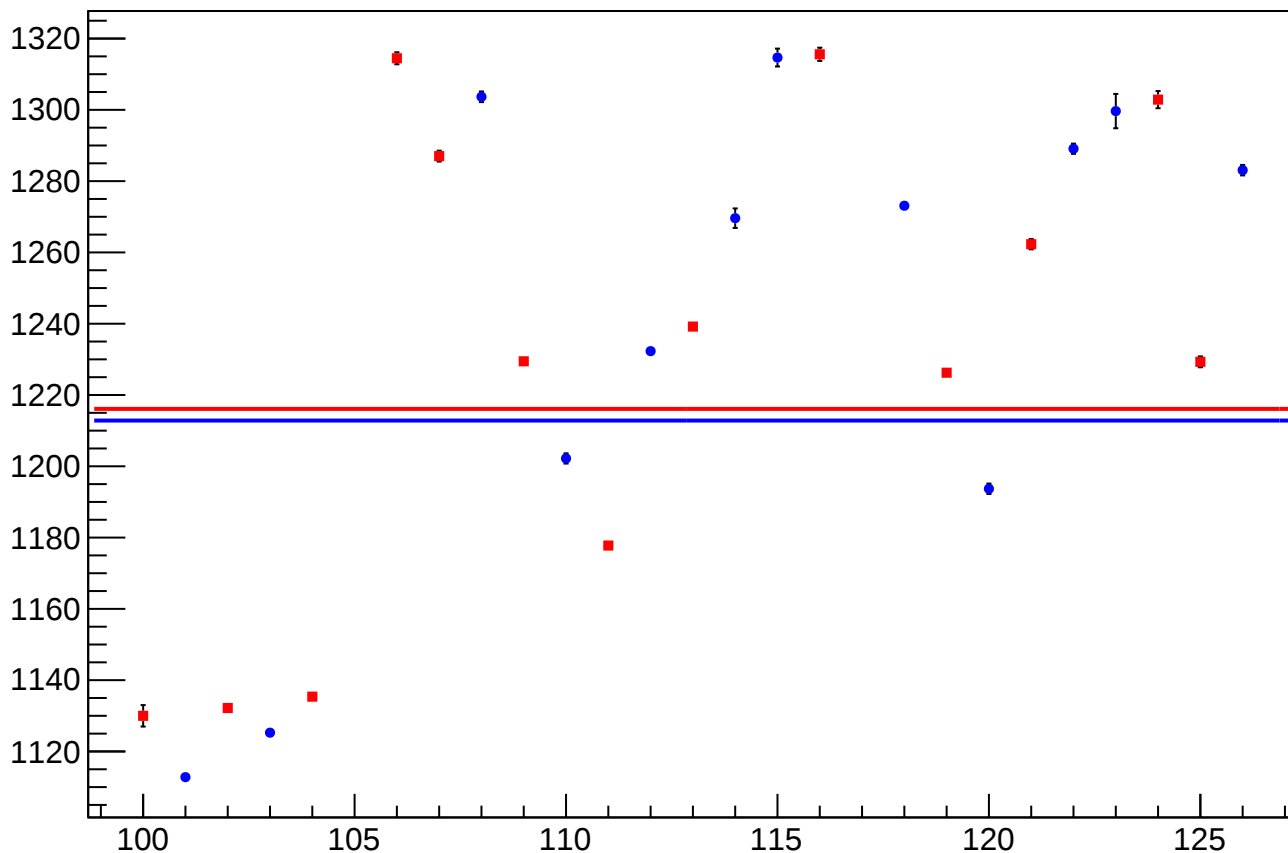
Right: -24.220 $\pm$ 0.404 χ^2 /NDF: 4857.3/24

In: -24.702 $\pm$ 0.588 χ^2 /NDF:2494.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -24.220 $\pm$ 0.404 χ^2 /NDF: 4857.3/24

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1212.833+/-0.416 χ^2/NDF : 30299.2/11

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

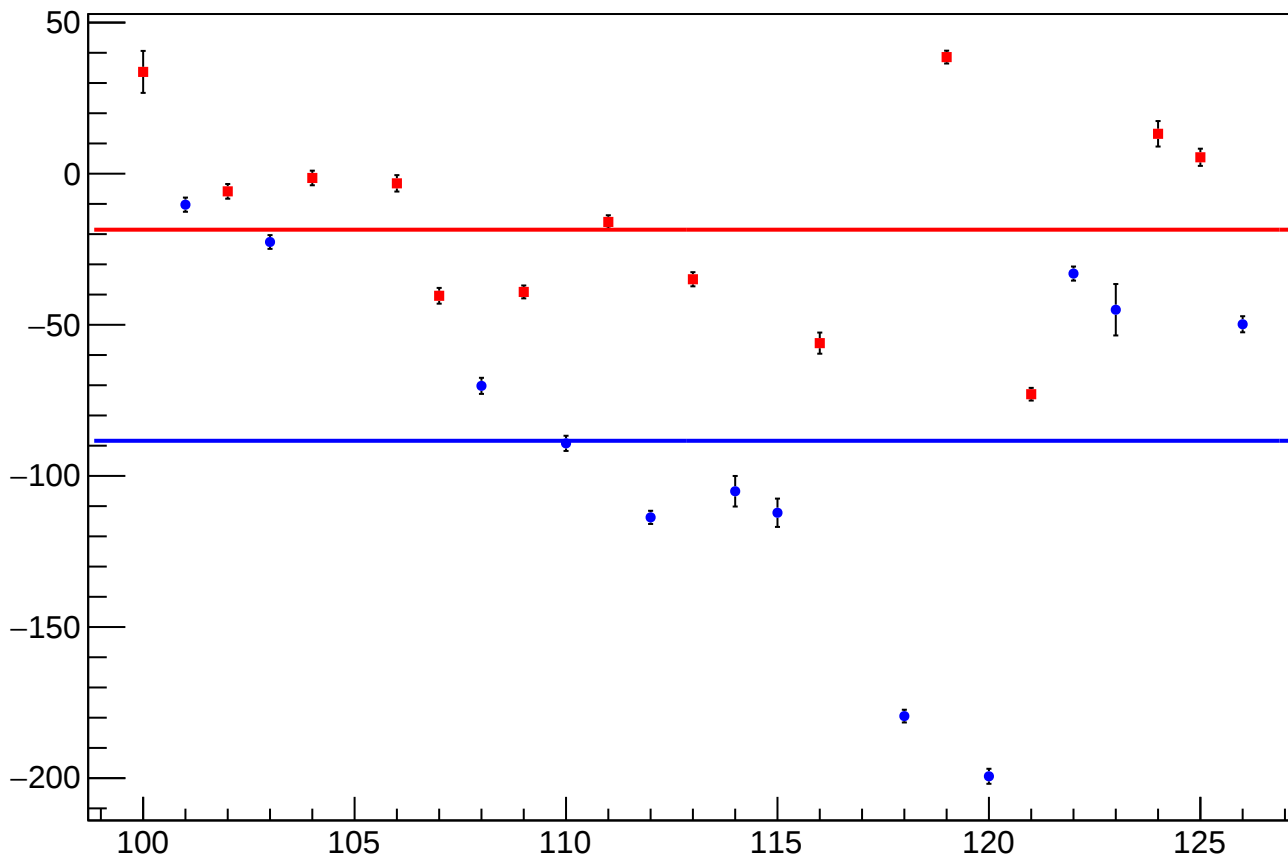
Right: 1214.560+/-0.286 χ^2/NDF : 54394.8/24

In: 1212.833+/-0.416 χ^2/NDF :30299.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1214.560+/-0.286 χ^2/NDF : 54394.8/24

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -88.377+/-0.768 χ^2/NDF : 6817.6/11

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

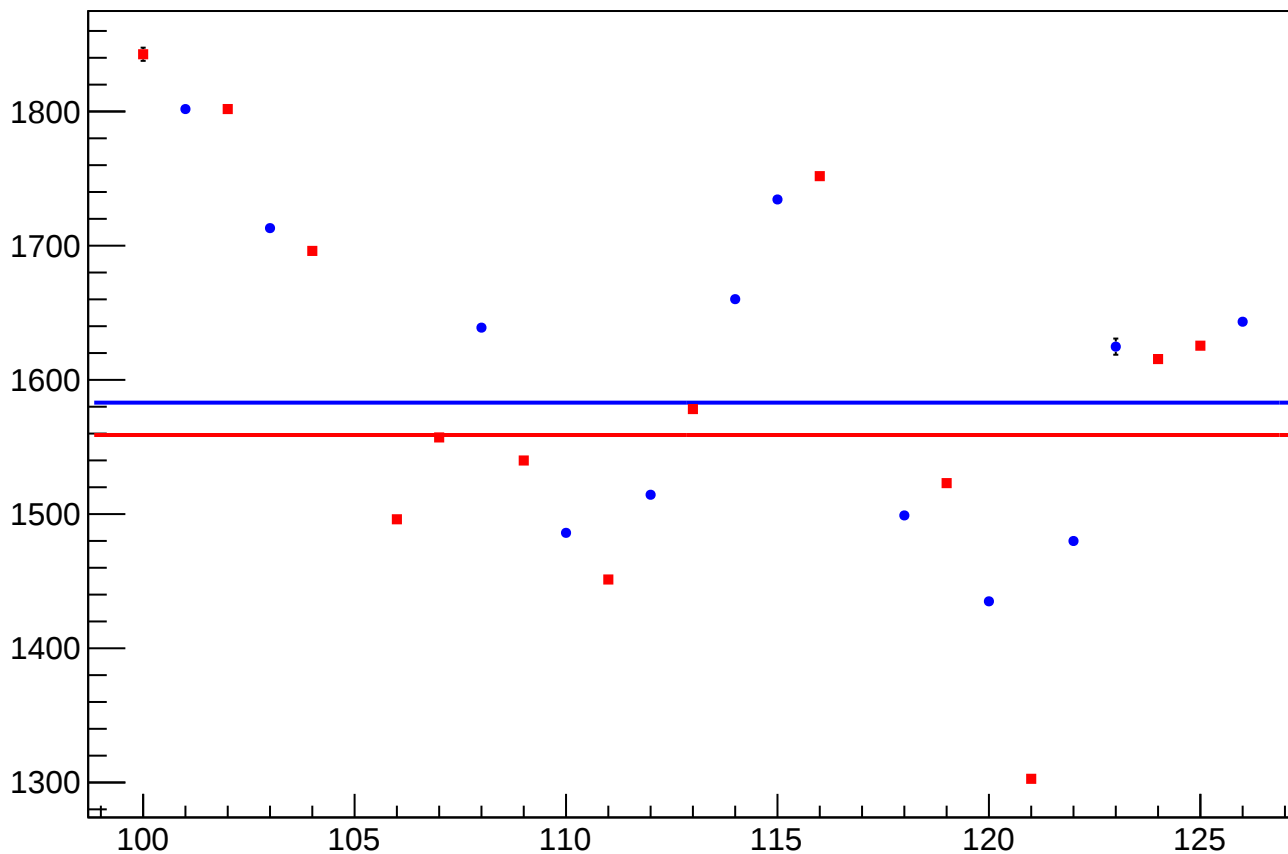
Right: -50.926+/-0.523 χ^2/NDF : 13265.8/24

In: -88.377+/-0.768 χ^2/NDF :6817.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -50.926+/-0.523 χ^2/NDF : 13265.8/24

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1583.044+/-0.543 χ^2/NDF : 47534.2/11

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

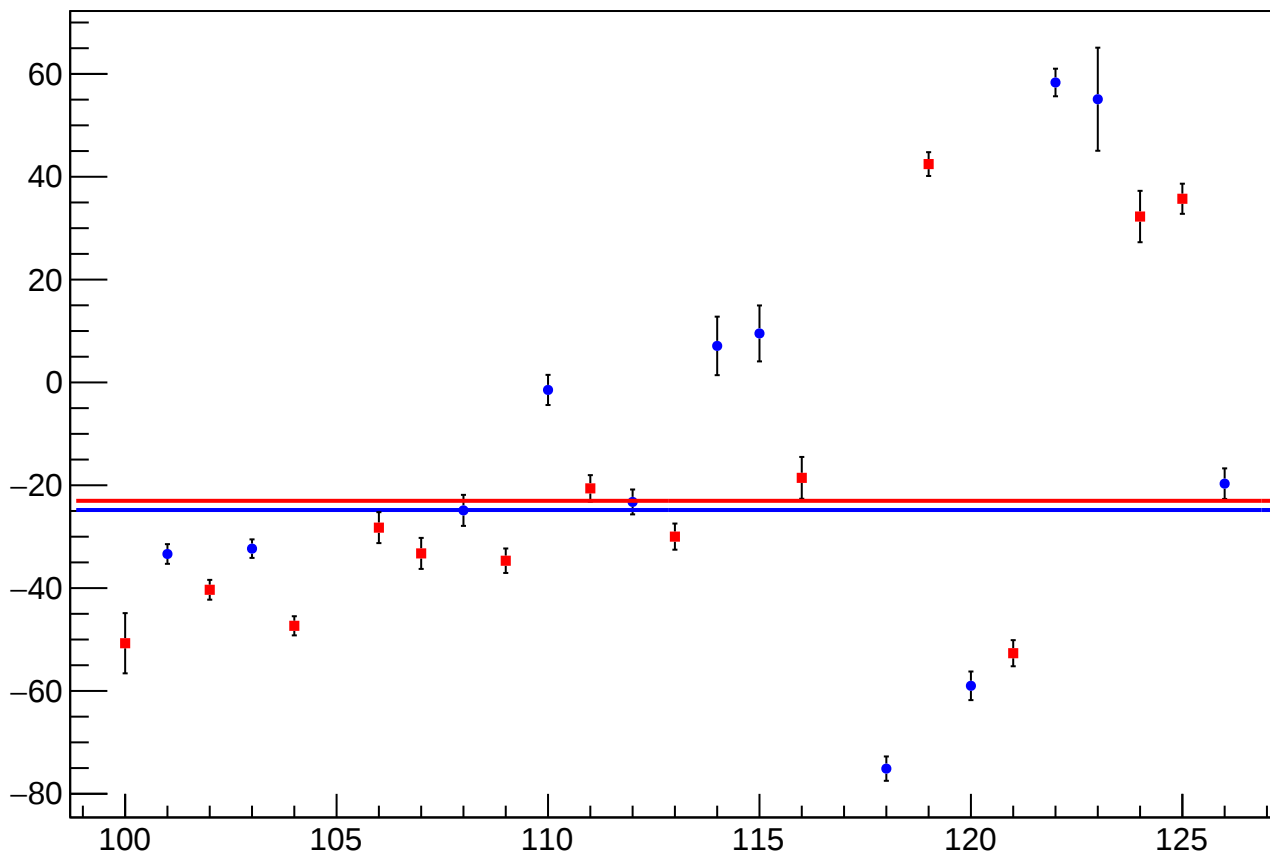
Right: 1570.114+/-0.370 χ^2/NDF : 122228.9/24

In: 1583.044+/-0.543 χ^2/NDF : 47534.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1570.114+/-0.370 χ^2/NDF : 122228.9/24

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -24.812 $\pm$ 0.788 χ^2 /NDF: 1801.7/11

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

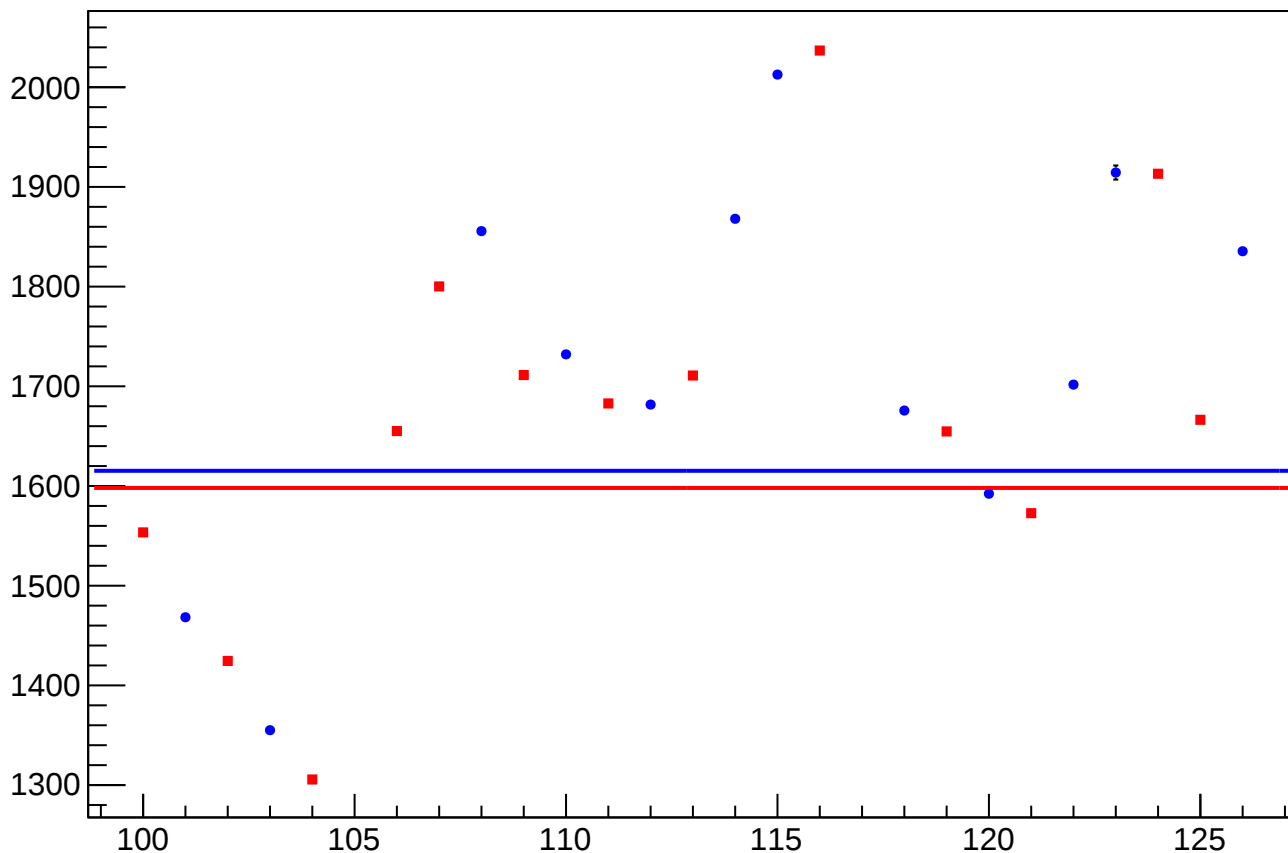
Right: -23.857 $\pm$ 0.538 χ^2 /NDF: 3587.2/24

In: -24.812 $\pm$ 0.788 χ^2 /NDF:1801.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -23.857 $\pm$ 0.538 χ^2 /NDF: 3587.2/24

diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1615.252+/-0.557 χ^2/NDF : 101763.3/11

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

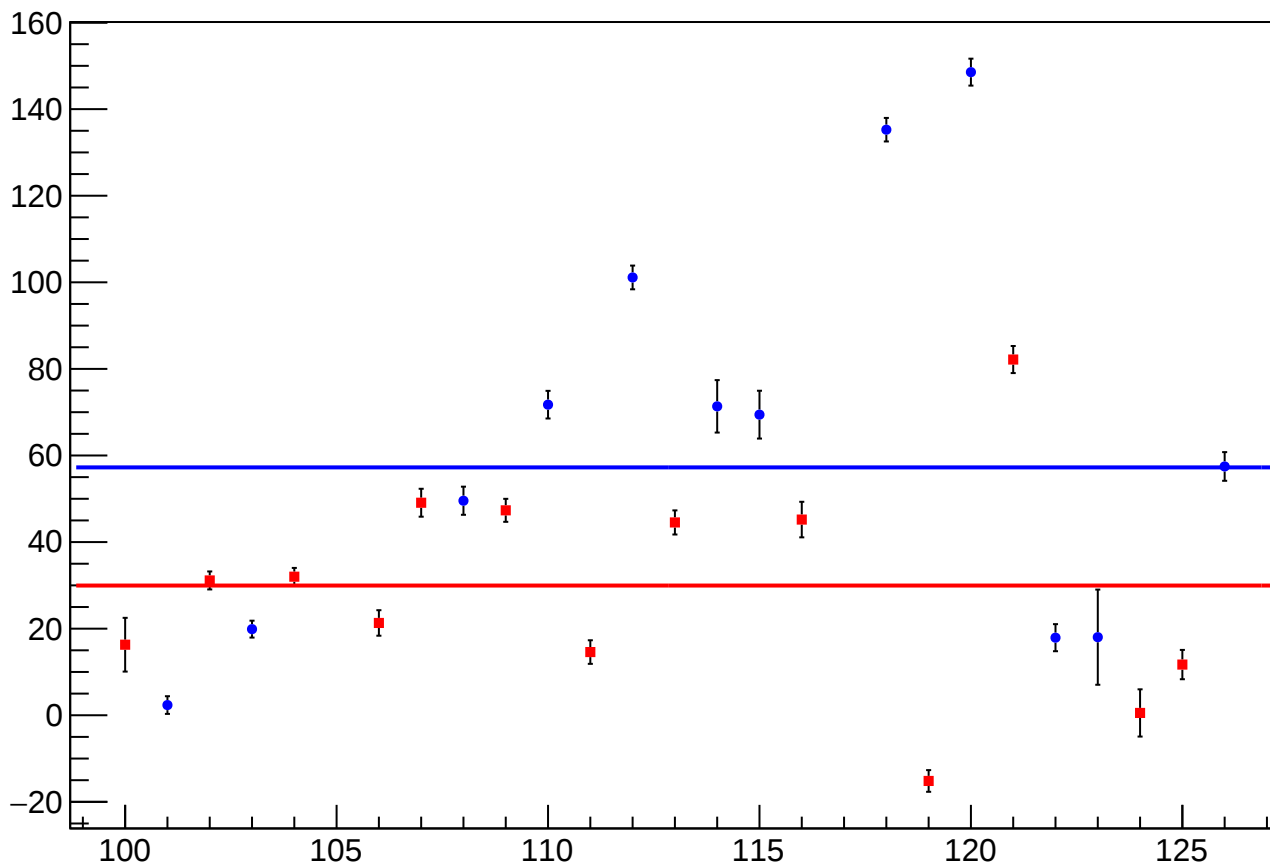
Right: 1606.070+/-0.380 χ^2/NDF : 222040.6/24

In: 1615.252+/-0.557 χ^2/NDF : 101763.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1606.070+/-0.380 χ^2/NDF : 222040.6/24

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 57.251+/-0.867 χ^2/NDF : 3238.4/11

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

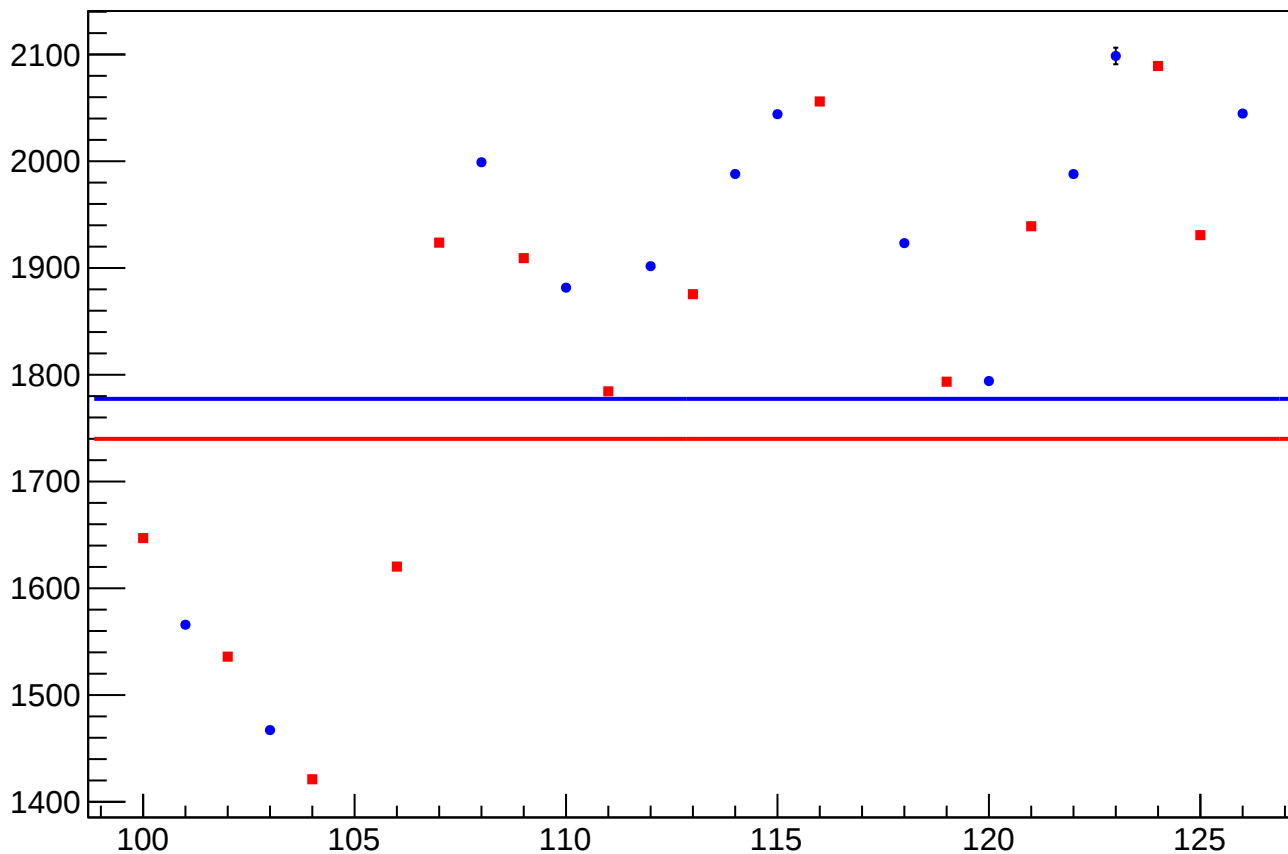
Right: 42.516+/-0.588 χ^2/NDF : 4600.0/24

In: 57.251+/-0.867 χ^2/NDF : 3238.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.516+/-0.588 χ^2/NDF : 4600.0/24

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1777.424+/-0.613 χ^2/NDF : 124287.8/11

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

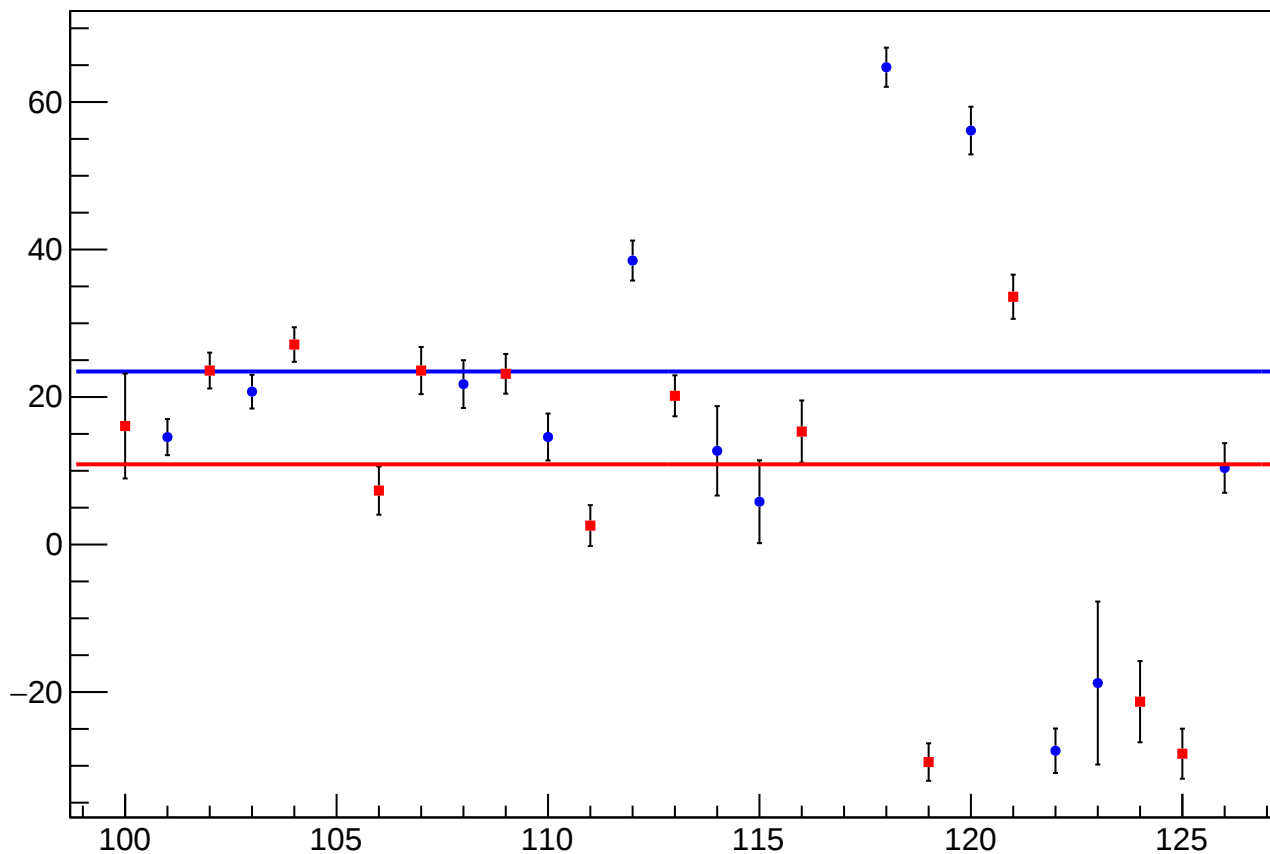
Right: 1757.200+/-0.416 χ^2/NDF : 254192.6/24

In: 1777.424+/-0.613 χ^2/NDF : 124287.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1757.200+/-0.416 χ^2/NDF : 254192.6/24

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 23.463+/-0.917 χ^2/NDF : 730.7/11

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

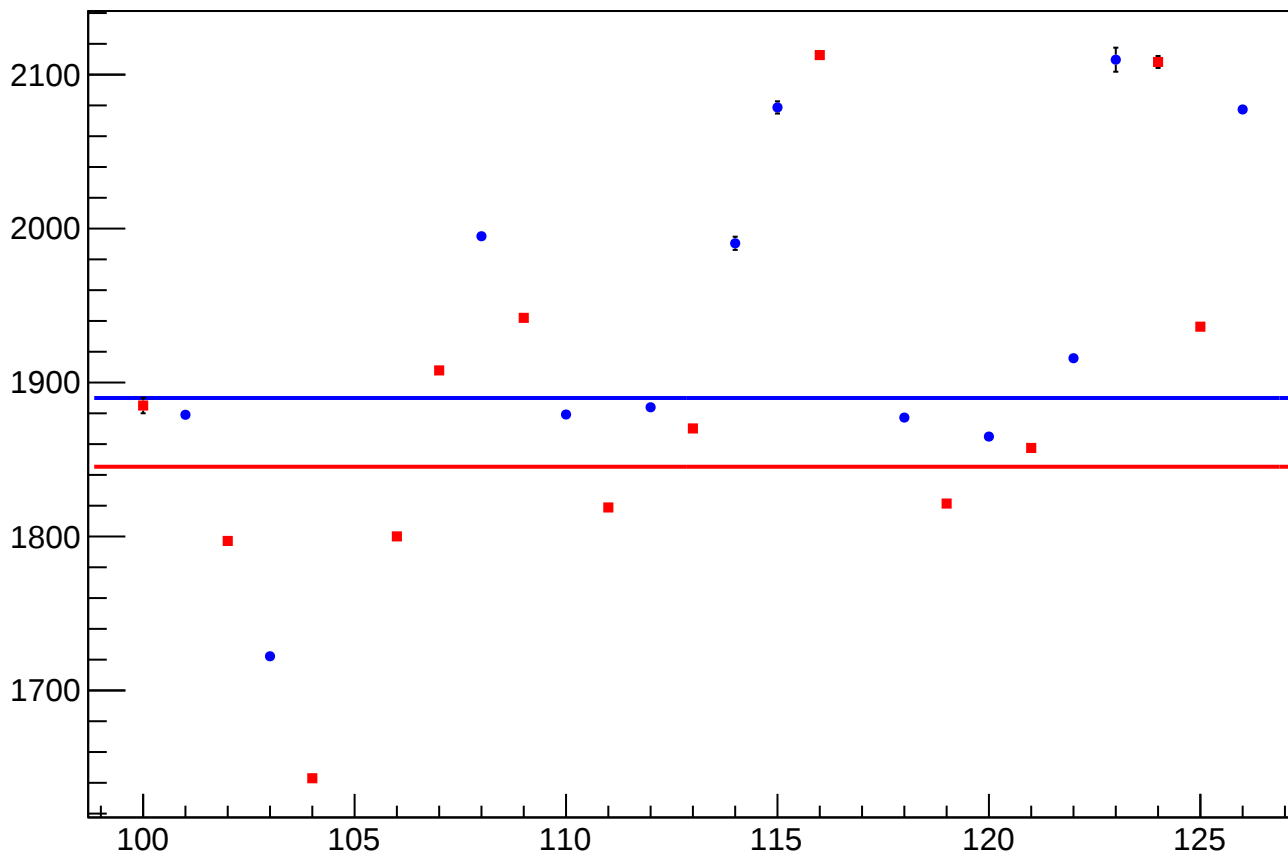
Right: 16.656+/-0.621 χ^2/NDF : 1445.6/24

In: 23.463+/-0.917 χ^2/NDF : 730.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.656+/-0.621 χ^2/NDF : 1445.6/24

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1889.967+/-0.648 χ^2/NDF : 23017.0/11

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

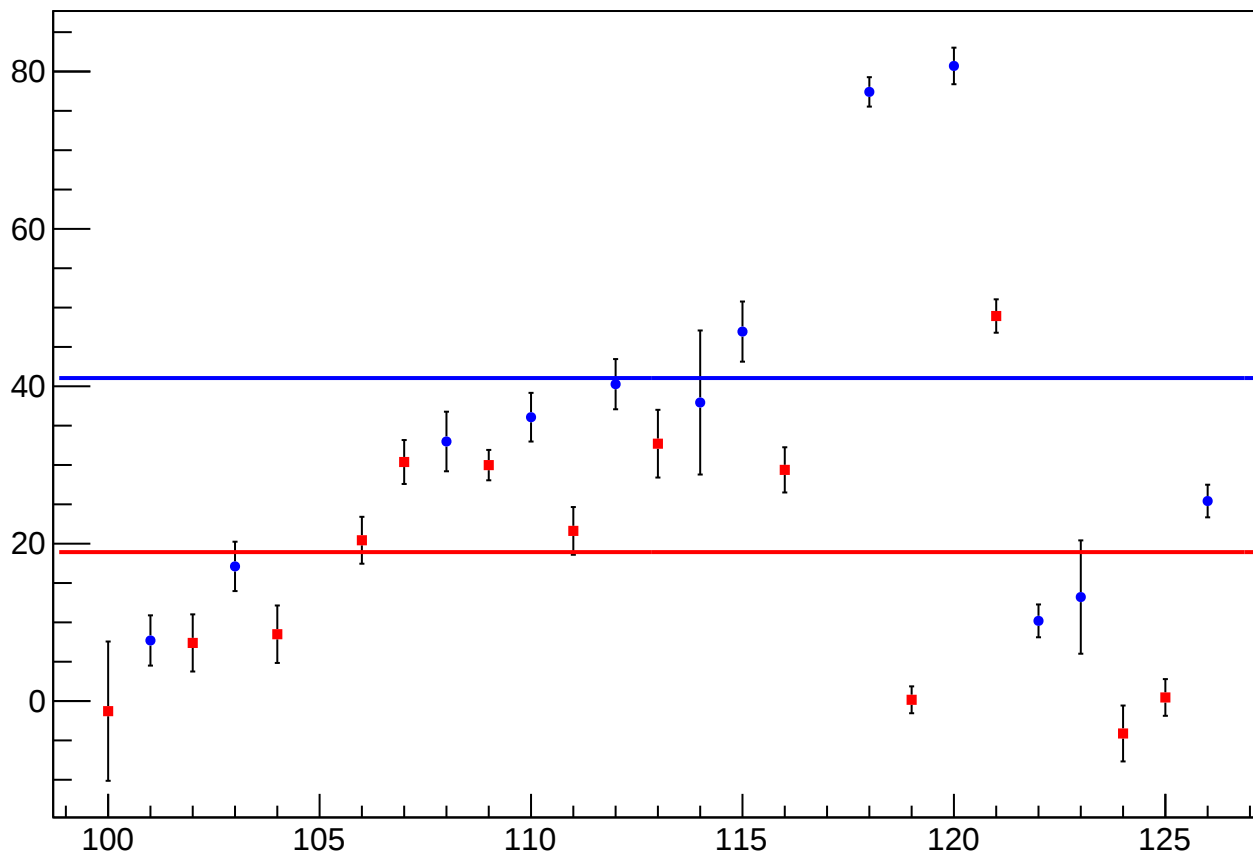
Right: 1865.814+/-0.439 χ^2/NDF : 59669.4/24

In: 1889.967+/-0.648 χ^2/NDF : 23017.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1865.814+/-0.439 χ^2/NDF : 59669.4/24

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 41.046+/-0.815 χ^2/NDF : 1137.3/11

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

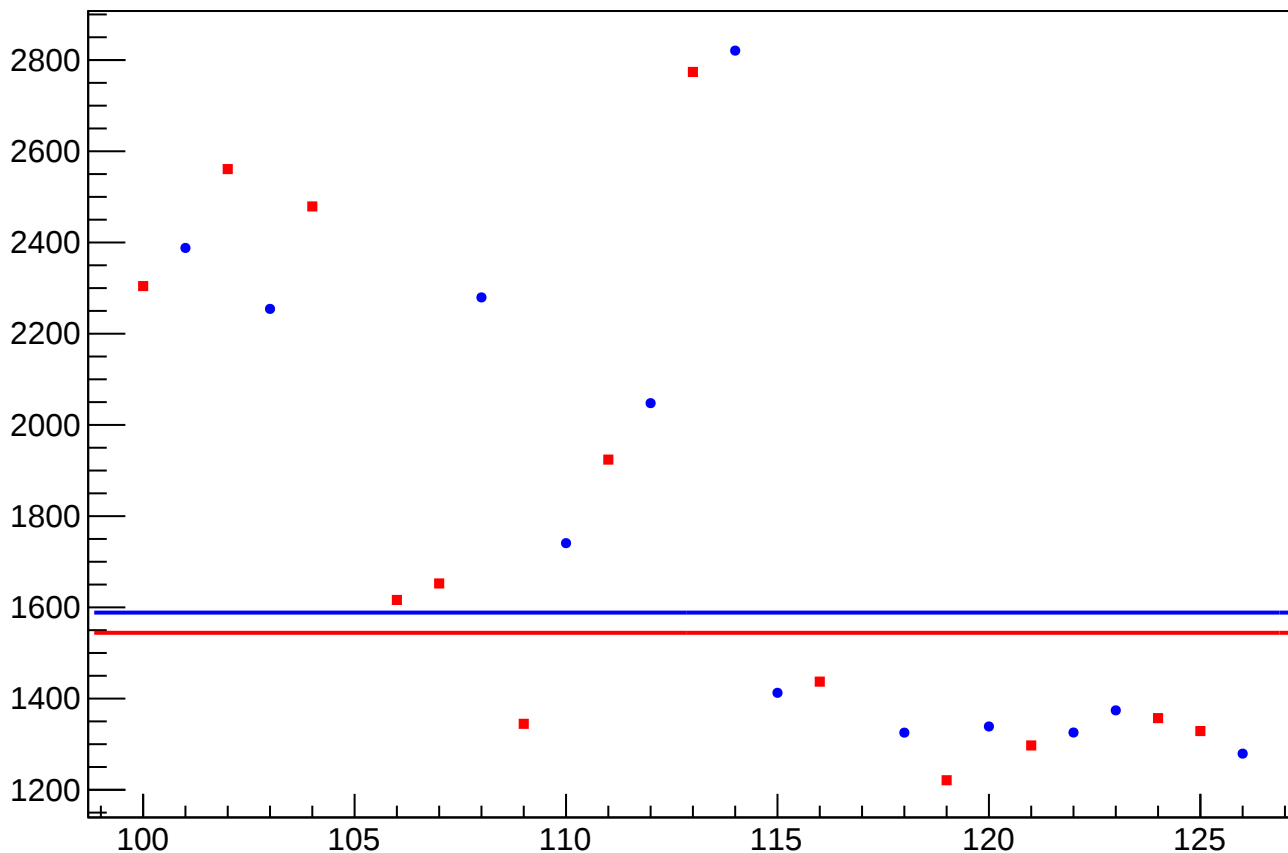
Right: 29.049+/-0.551 χ^2/NDF : 2060.0/24

In: 41.046+/-0.815 χ^2/NDF : 1137.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.049+/-0.551 χ^2/NDF : 2060.0/24

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 1588.529+/-0.576 χ^2/NDF : 509754.7/11

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

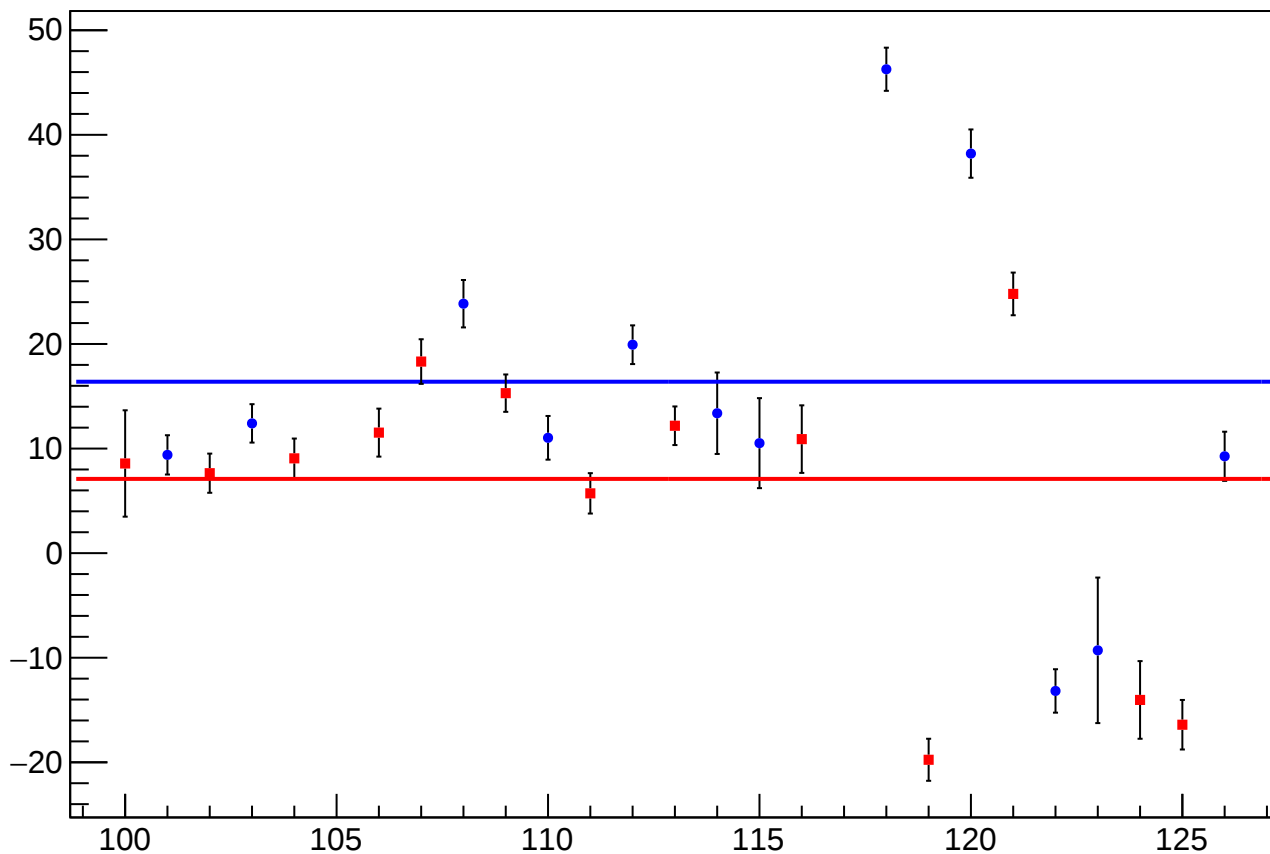
Right: 1564.509+/-0.390 χ^2/NDF : 1160042.0/24

In: 1588.529+/-0.576 χ^2/NDF : 509754.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1564.509+/-0.390 χ^2/NDF : 1160042.0/24

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 16.392 $\pm$ 0.664 χ^2 /NDF: 566.6/11

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

Right Out: 7.099 $\pm$ 0.606 χ^2 /NDF: 447.7/12

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

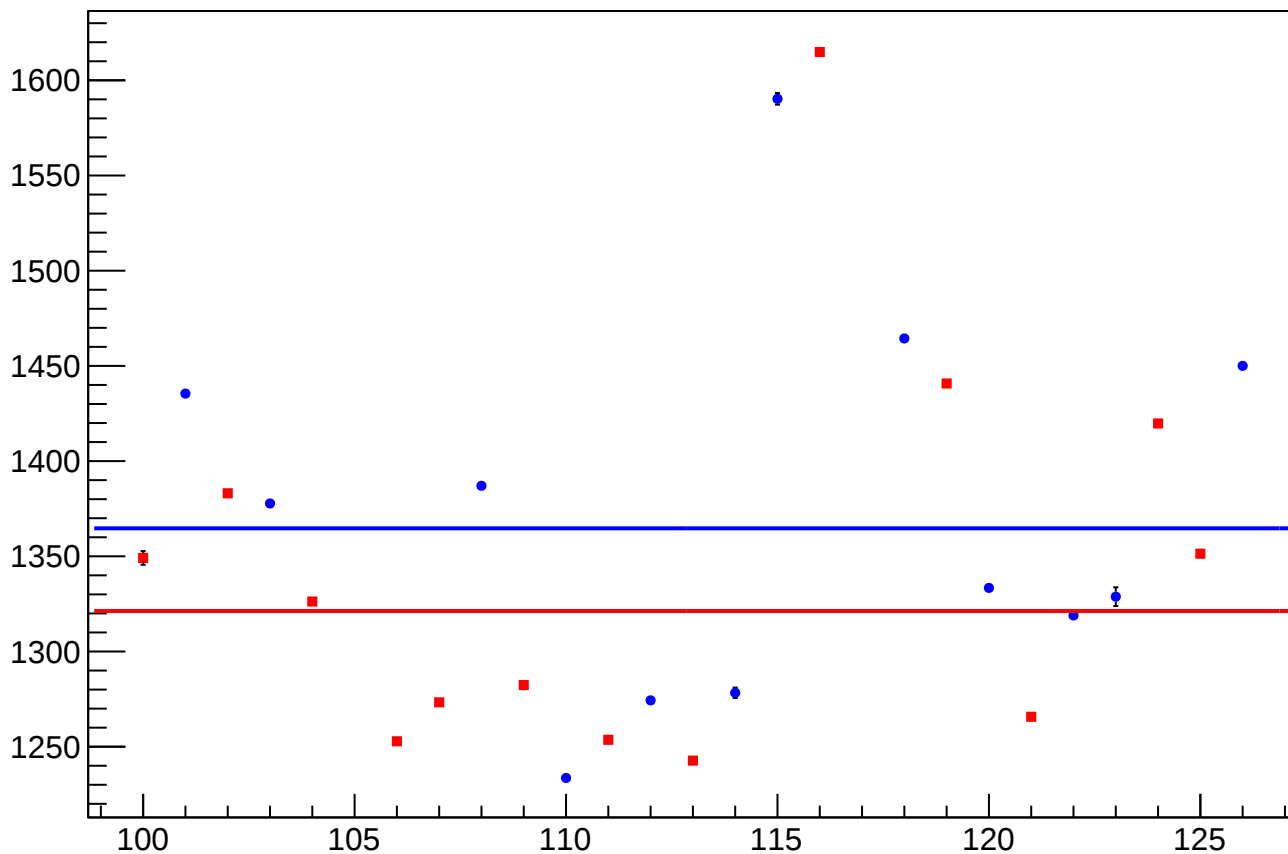
Right: 11.327 $\pm$ 0.448 χ^2 /NDF: 1121.2/24

In: 16.392 $\pm$ 0.664 χ^2 /NDF: 566.6/11

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

All: 11.327 $\pm$ 0.448 χ^2 /NDF: 1121.2/24

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1364.697 $\pm$ 0.469 χ^2 /NDF: 30956.0/11

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

Right Out: 1321.283 $\pm$ 0.429 χ^2 /NDF: 38871.5/12

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

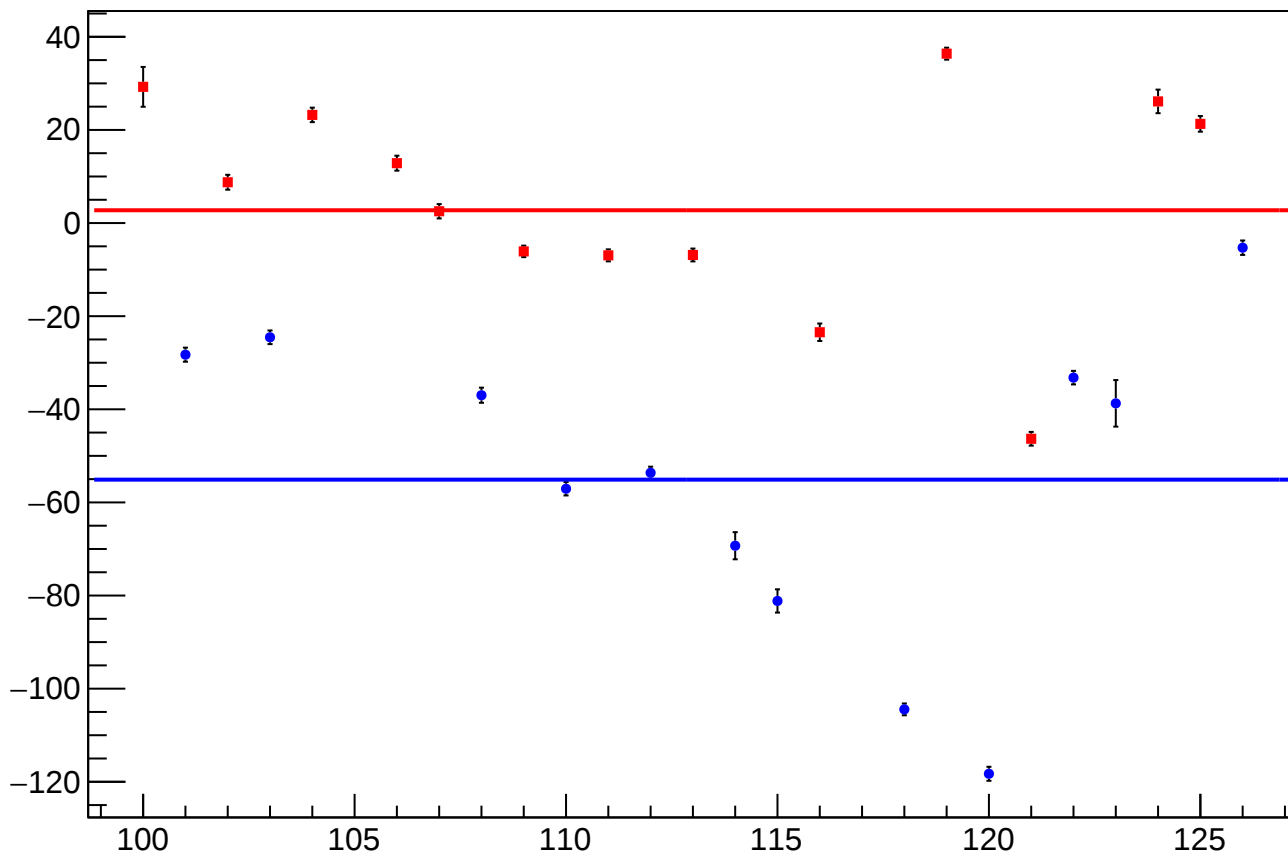
Right: 1341.033 $\pm$ 0.316 χ^2 /NDF: 74494.3/24

In: 1364.697 $\pm$ 0.469 χ^2 /NDF:30956.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1341.033 $\pm$ 0.316 χ^2 /NDF: 74494.3/24

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -55.106+/-0.465 χ^2/NDF : 5561.1/11

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

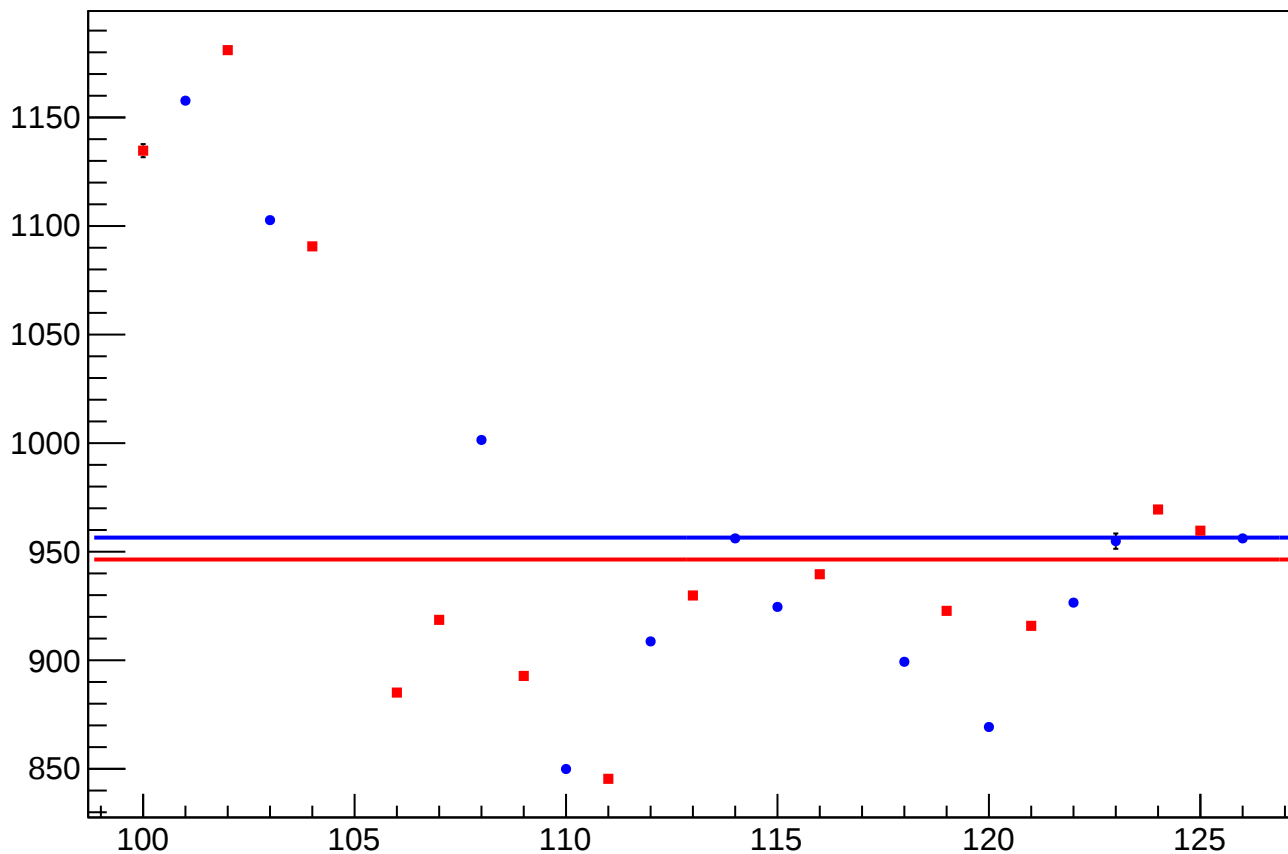
Right: -24.185+/-0.317 χ^2/NDF : 16441.6/24

In: -55.106+/-0.465 χ^2/NDF : 5561.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.185+/-0.317 χ^2/NDF : 16441.6/24

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 956.500+/-0.329 χ^2/NDF : 82560.5/11

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

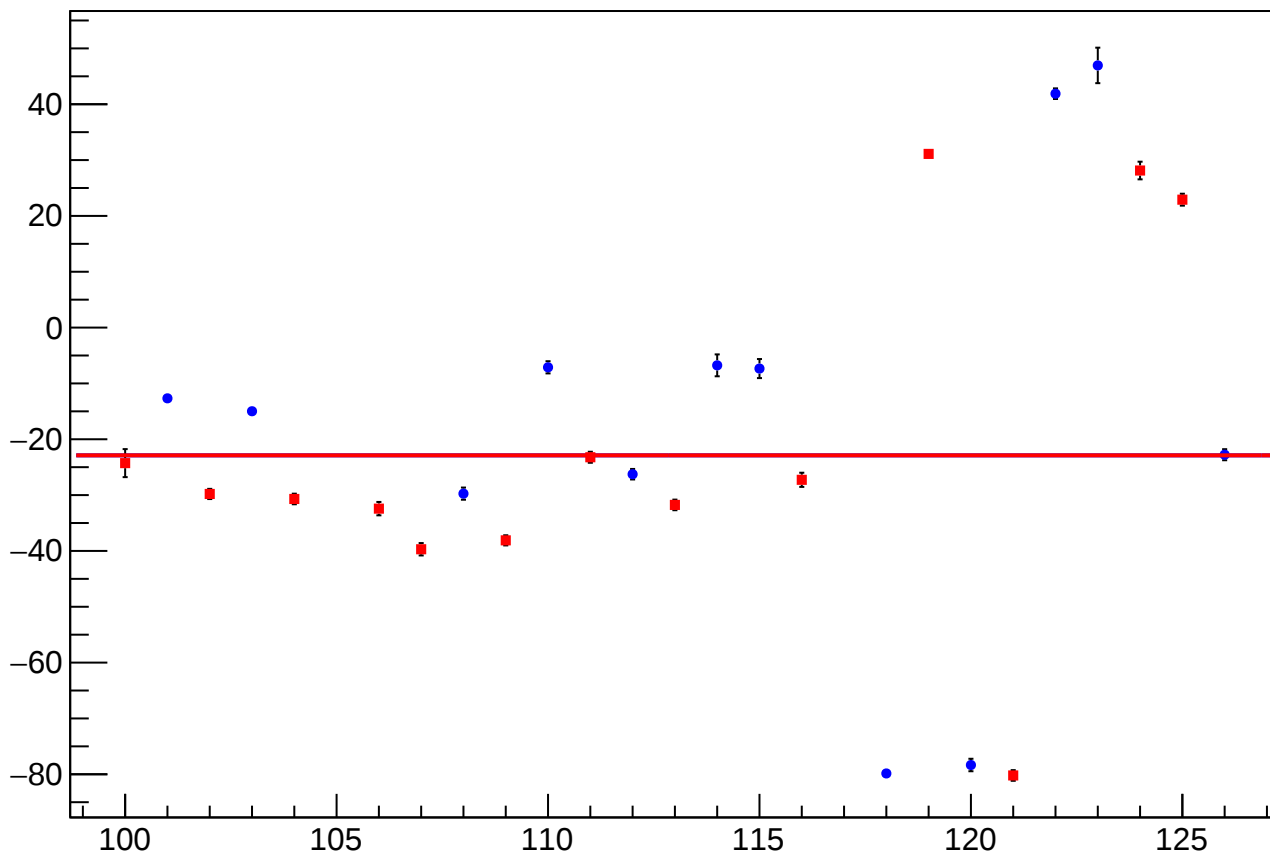
Right: 951.105+/-0.224 χ^2/NDF : 168963.0/24

In: 956.500+/-0.329 χ^2/NDF : 82560.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 951.105+/-0.224 χ^2/NDF : 168963.0/24

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -22.883+/-0.312 χ^2/NDF : 12266.3/11

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

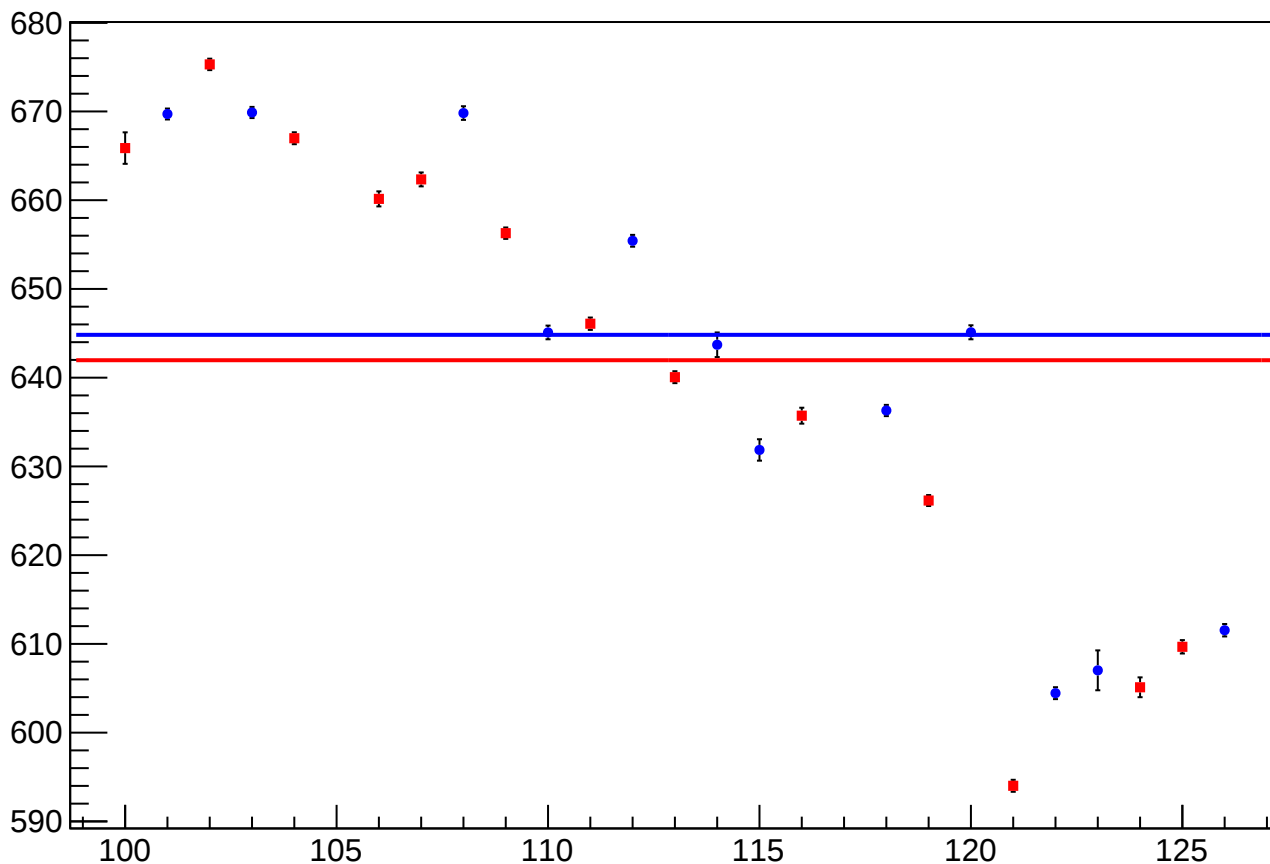
Right: -22.881+/-0.214 χ^2/NDF : 23364.6/24

In: -22.883+/-0.312 χ^2/NDF : 12266.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.881+/-0.214 χ^2/NDF : 23364.6/24

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 644.827+/-0.221 χ^2/NDF : 10971.8/11

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

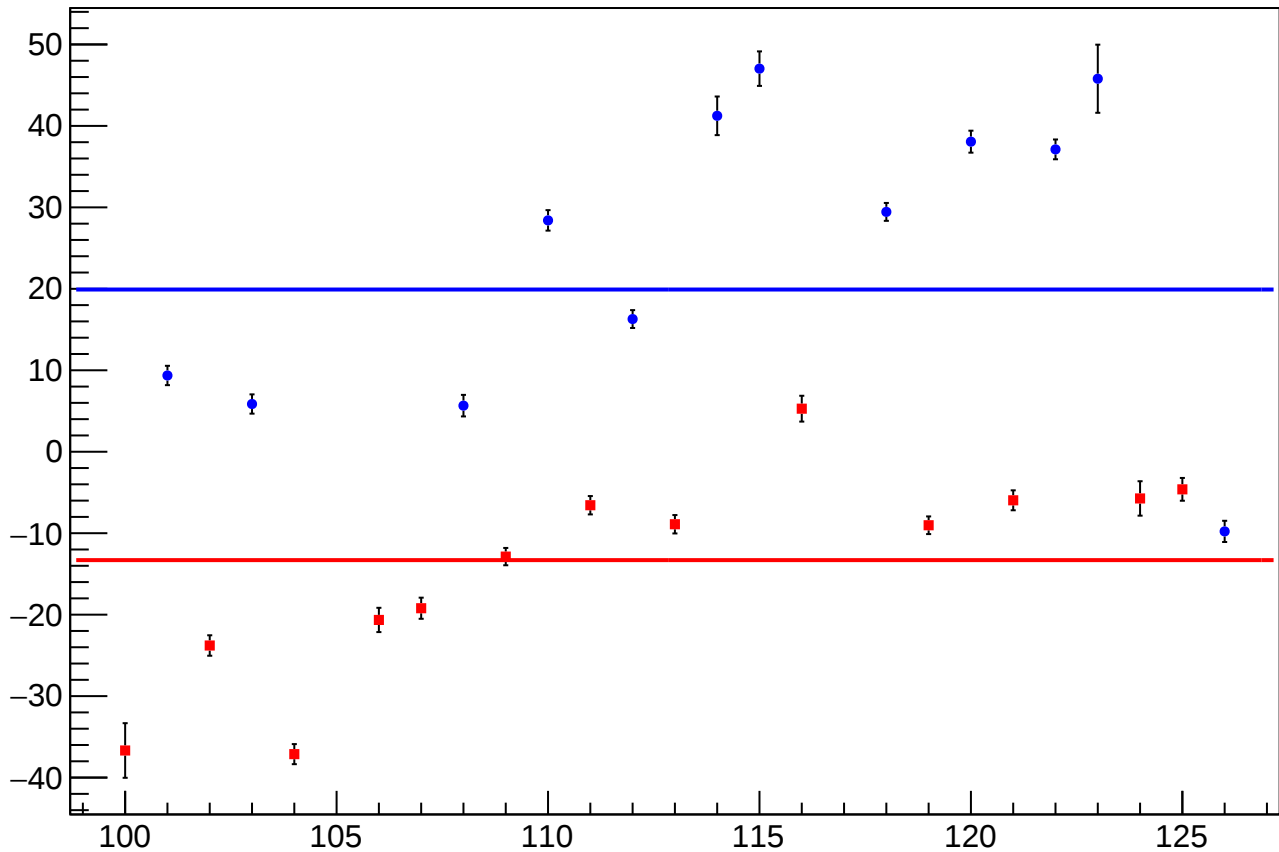
Right: 643.308+/-0.151 χ^2/NDF : 25621.2/24

In: 644.827+/-0.221 χ^2/NDF :10971.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 643.308+/-0.151 χ^2/NDF : 25621.2/24

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 19.914+/-0.390 χ^2/NDF : 1652.8/11

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

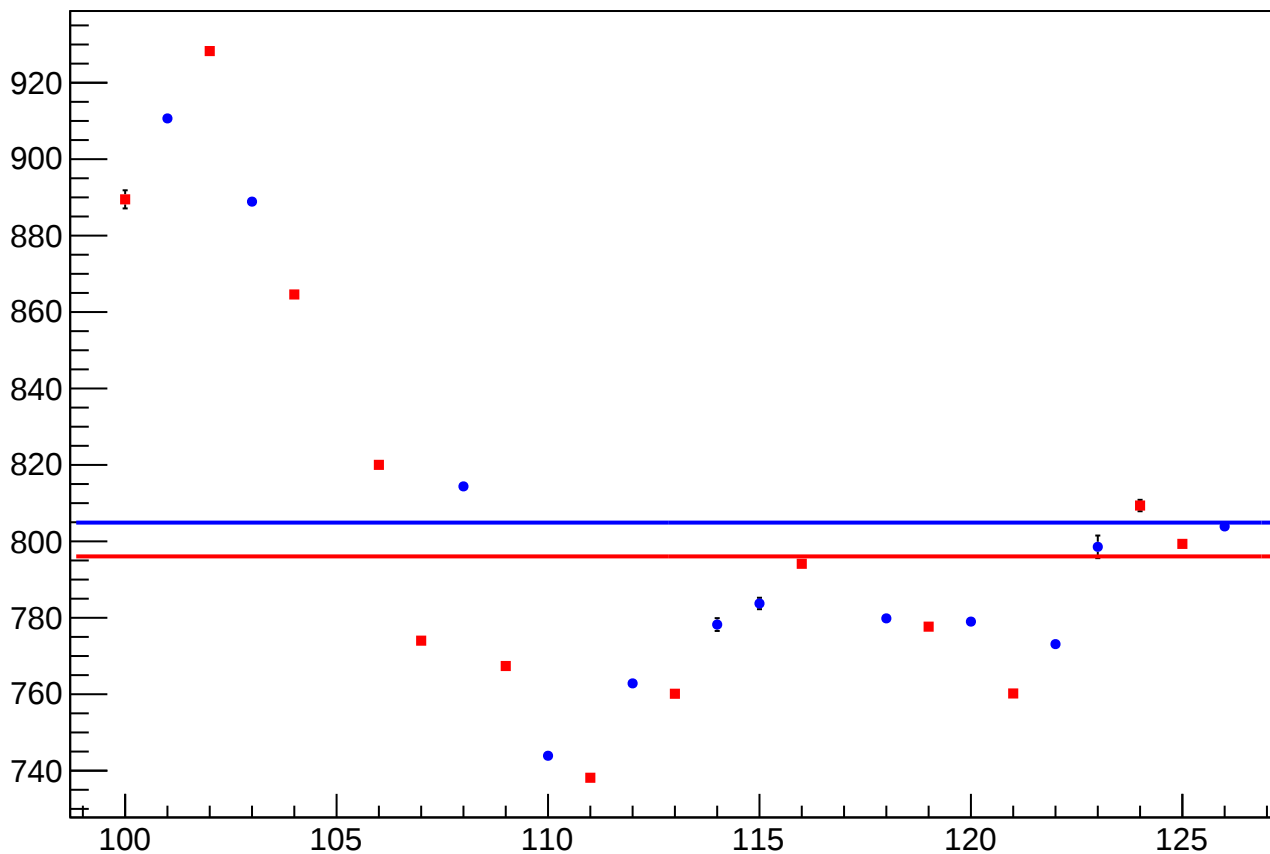
Right: 2.160+/-0.266 χ^2/NDF : 6351.9/24

In: 19.914+/-0.390 χ^2/NDF : 1652.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.160+/-0.266 χ^2/NDF : 6351.9/24

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 804.909+/-0.276 χ^2/NDF : 37311.7/11

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

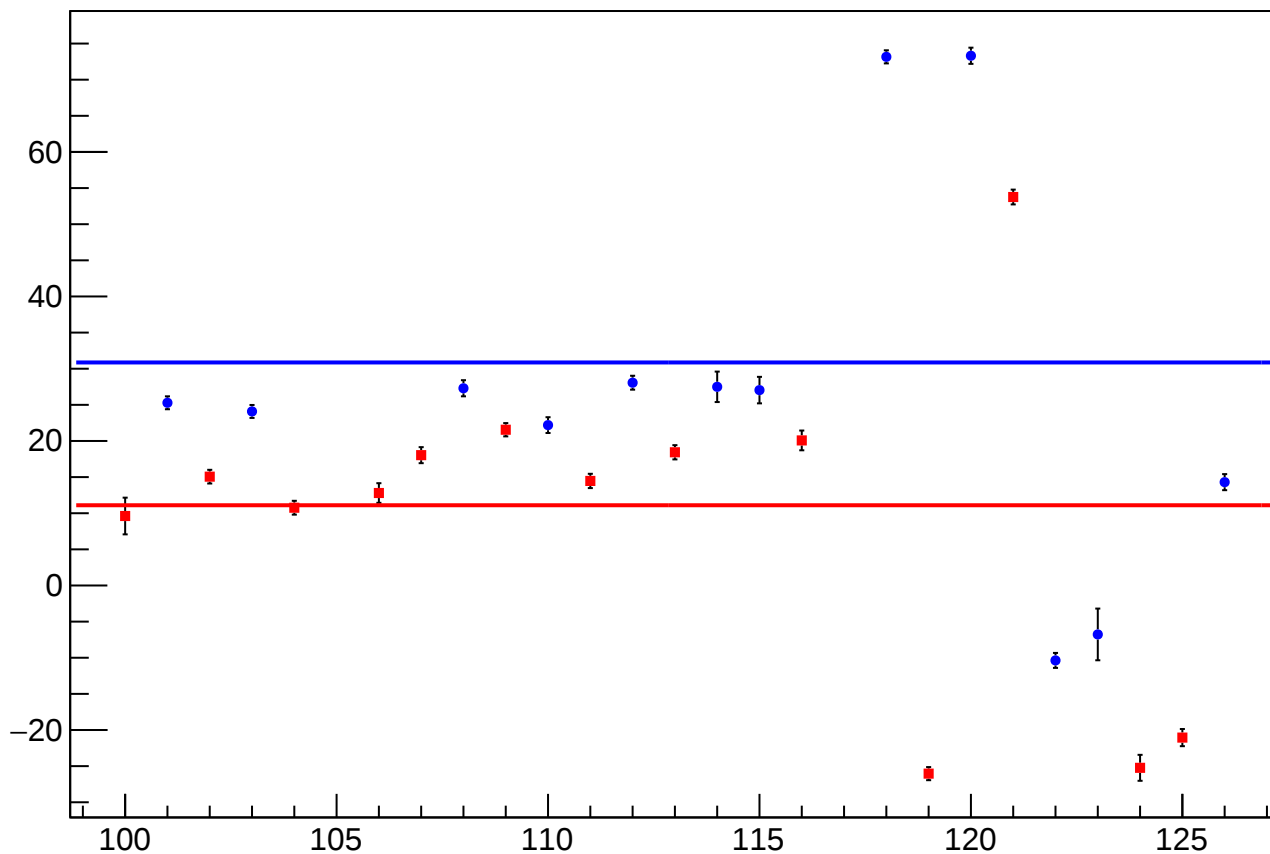
Right: 800.182+/-0.188 χ^2/NDF : 80021.8/24

In: 804.909+/-0.276 χ^2/NDF : 37311.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 800.182+/-0.188 χ^2/NDF : 80021.8/24

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 30.866+/-0.323 χ^2/NDF : 5708.7/11

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

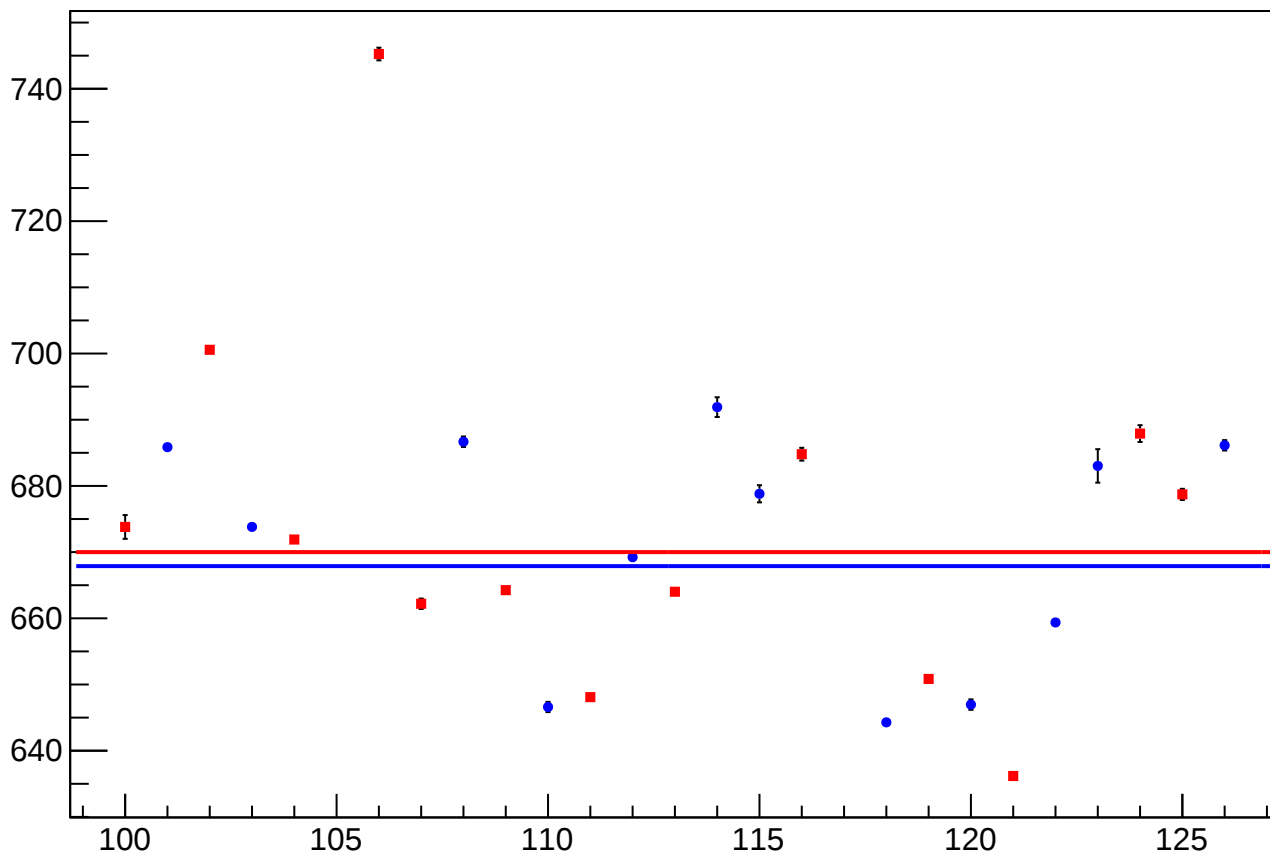
Right: 20.450+/-0.222 χ^2/NDF : 12525.8/24

In: 30.866+/-0.323 χ^2/NDF : 5708.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.450+/-0.222 χ^2/NDF : 12525.8/24

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 667.884 $\pm$ 0.229 χ^2 /NDF: 5316.7/11

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

Right Out: 670.002 $\pm$ 0.217 χ^2 /NDF: 13077.9/12

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

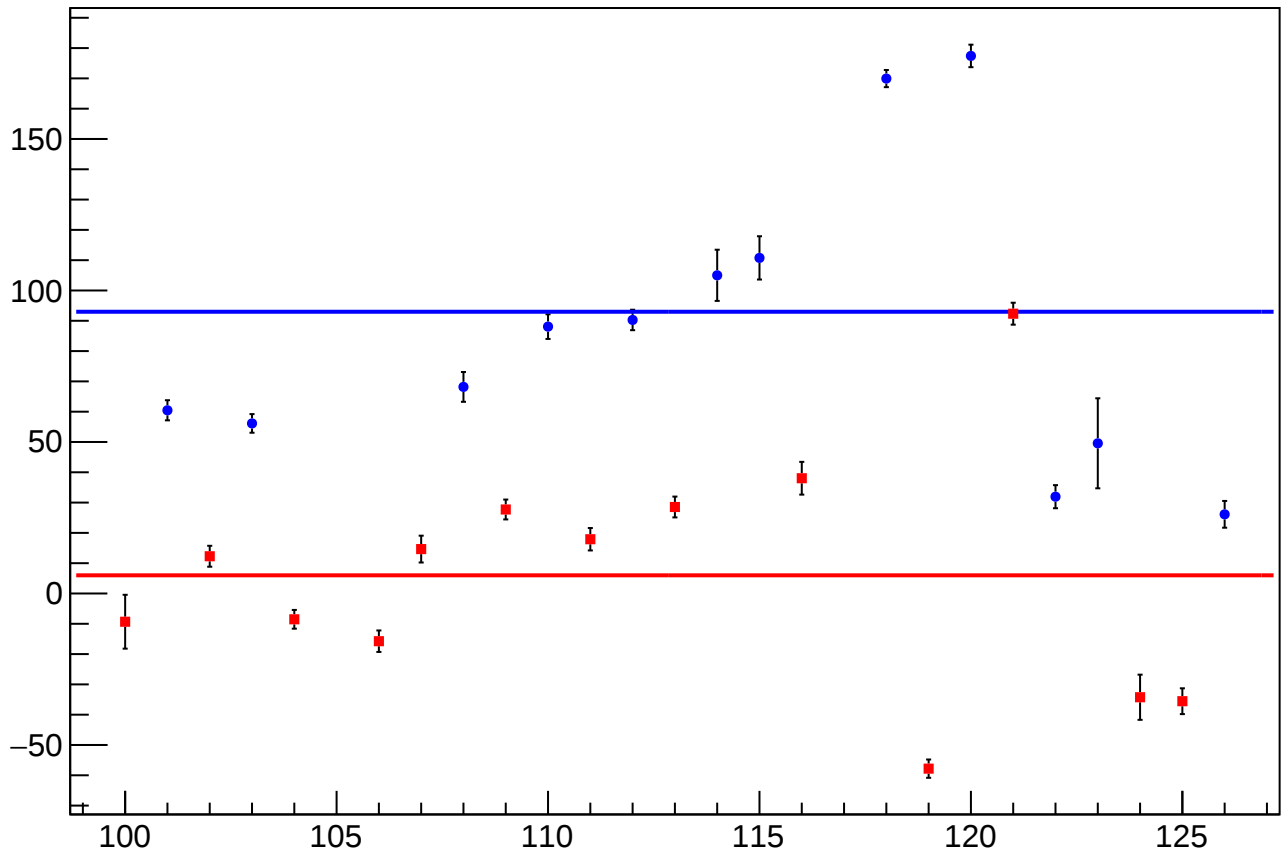
Right: 669.001 $\pm$ 0.157 χ^2 /NDF: 18439.9/24

In: 667.884 $\pm$ 0.229 χ^2 /NDF:5316.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 669.001 $\pm$ 0.157 χ^2 /NDF: 18439.9/24

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 92.982+/-1.162 χ^2/NDF : 2024.3/11

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

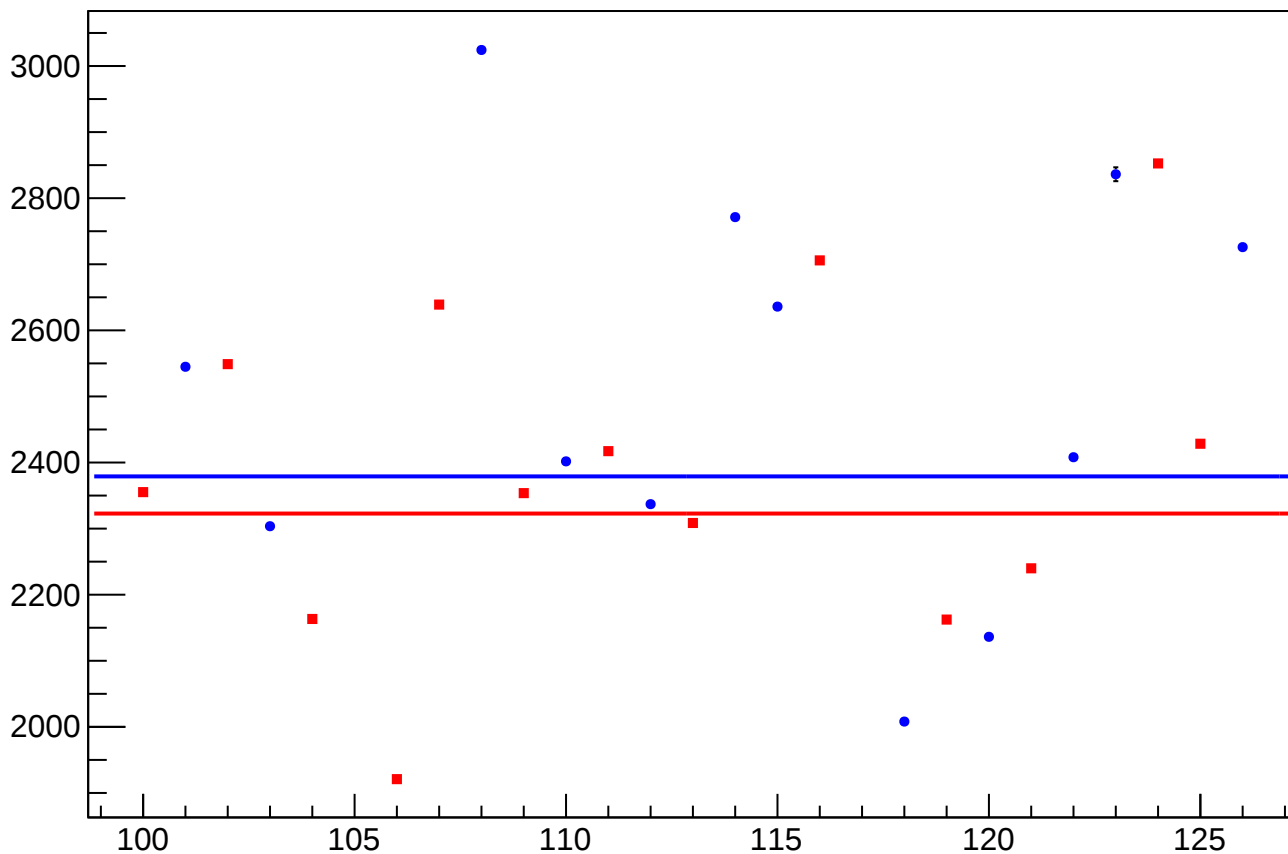
Right: 45.875+/-0.786 χ^2/NDF : 6402.4/24

In: 92.982+/-1.162 χ^2/NDF : 2024.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.875+/-0.786 χ^2/NDF : 6402.4/24

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2379.009+/-0.821 χ^2/NDF : 105074.1/11

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

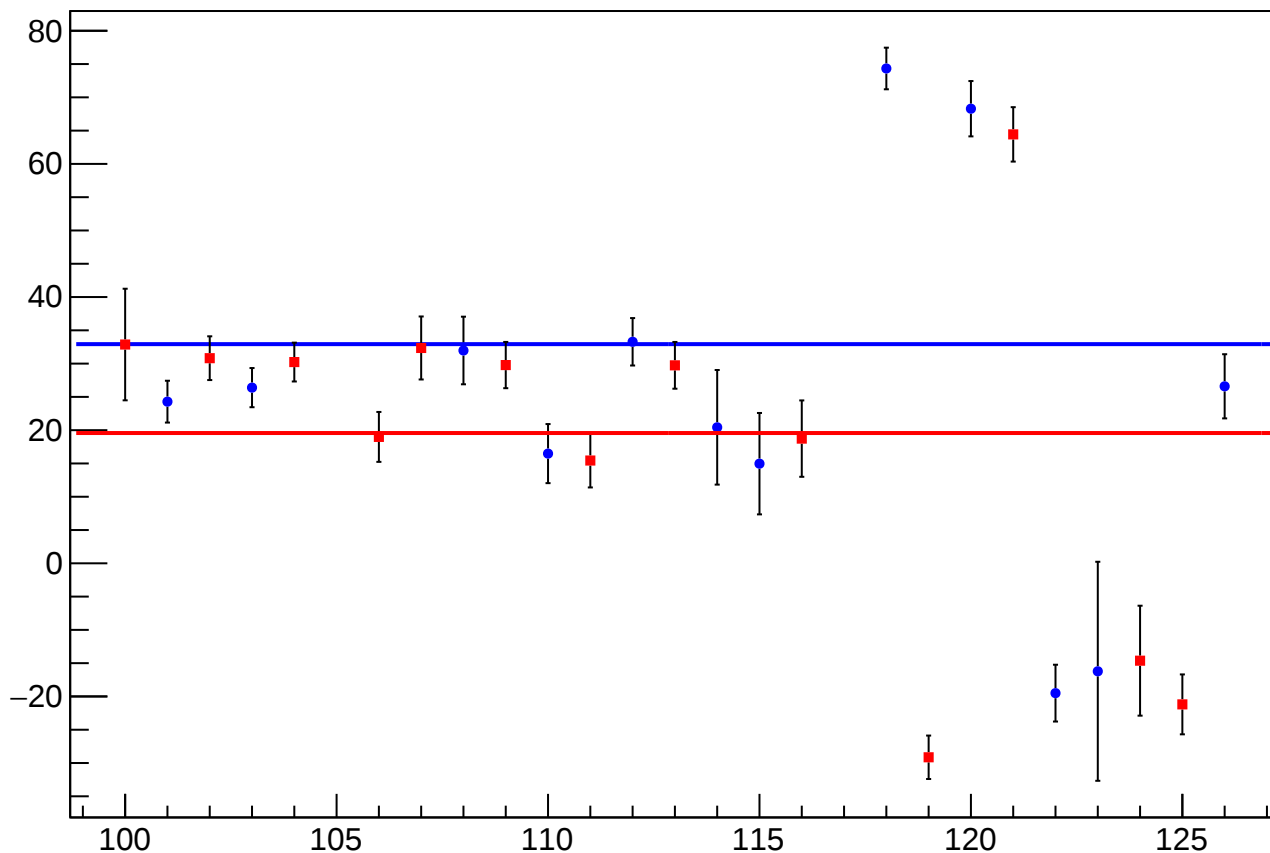
Right: 2348.562+/-0.556 χ^2/NDF : 187007.5/24

In: 2379.009+/-0.821 χ^2/NDF : 105074.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2348.562+/-0.556 χ^2/NDF : 187007.5/24

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 32.925+/-1.215 χ^2/NDF : 443.4/11

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

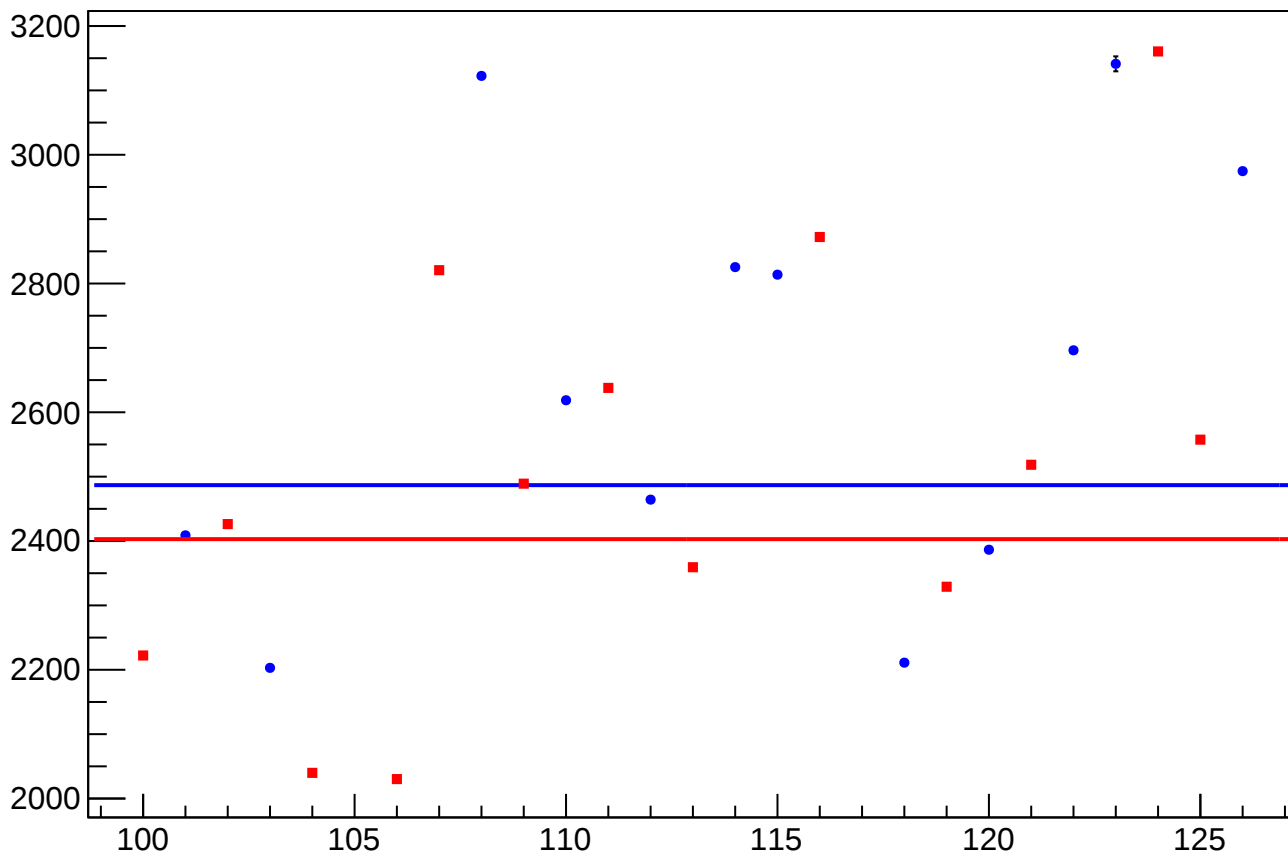
Right: 25.640+/-0.819 χ^2/NDF : 1004.8/24

In: 32.925+/-1.215 χ^2/NDF : 443.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.640+/-0.819 χ^2/NDF : 1004.8/24

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2486.801+/-0.859 χ^2/NDF : 104989.7/11

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

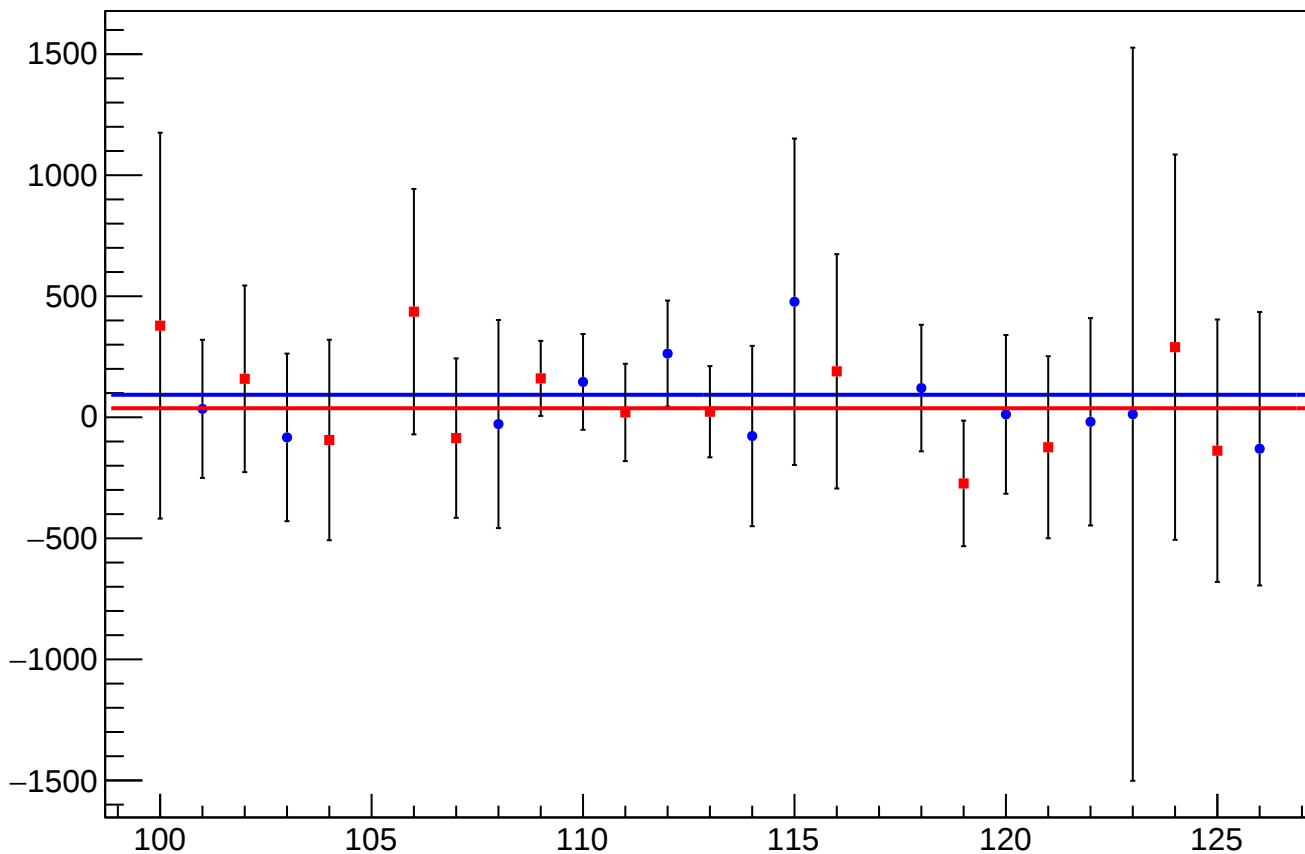
Right: 2441.051+/-0.579 χ^2/NDF : 221061.9/24

In: 2486.801+/-0.859 χ^2/NDF : 104989.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2441.051+/-0.579 χ^2/NDF : 221061.9/24

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 93.002+/-93.332 χ^2/NDF : 1.9/11

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

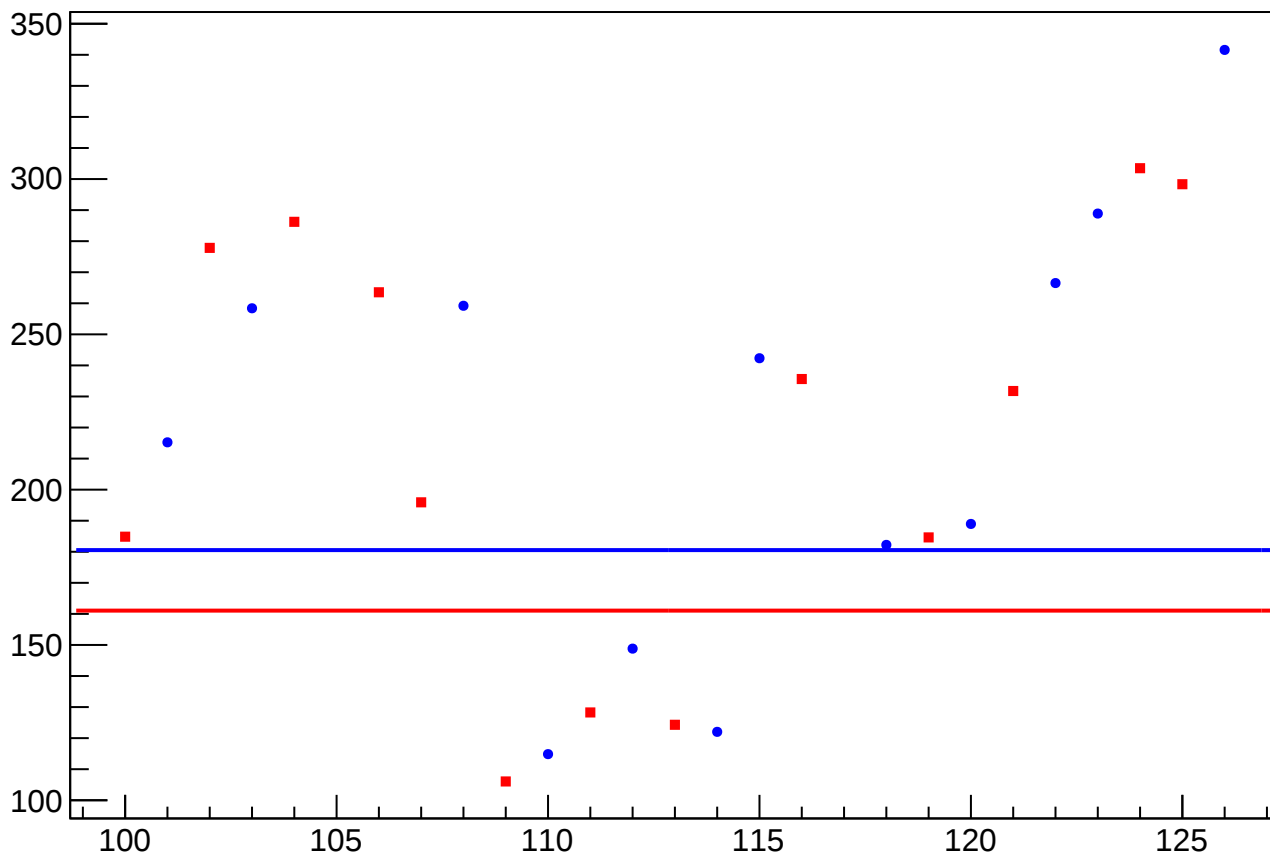
Right: 61.232+/-61.115 χ^2/NDF : 5.8/24

In: 93.002+/-93.332 χ^2/NDF : 1.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.232+/-61.115 χ^2/NDF : 5.8/24

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 180.540+/-0.066 χ^2/NDF : 781062.6/11

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

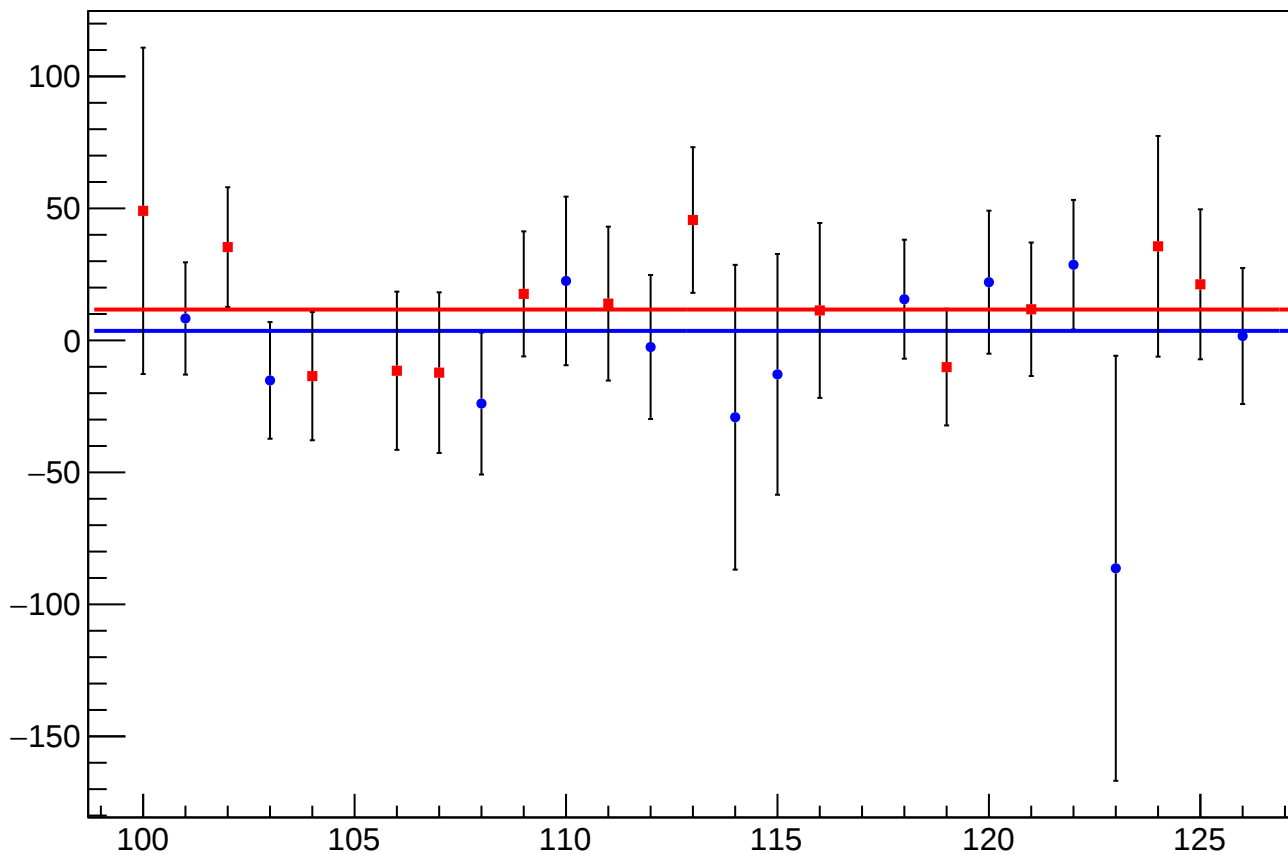
Right: 169.410+/-0.043 χ^2/NDF : 2011216.4/24

In: 180.540+/-0.066 χ^2/NDF : 781062.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.410+/-0.043 χ^2/NDF : 2011216.4/24

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.604+/-8.059 χ^2/NDF : 5.7/11

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

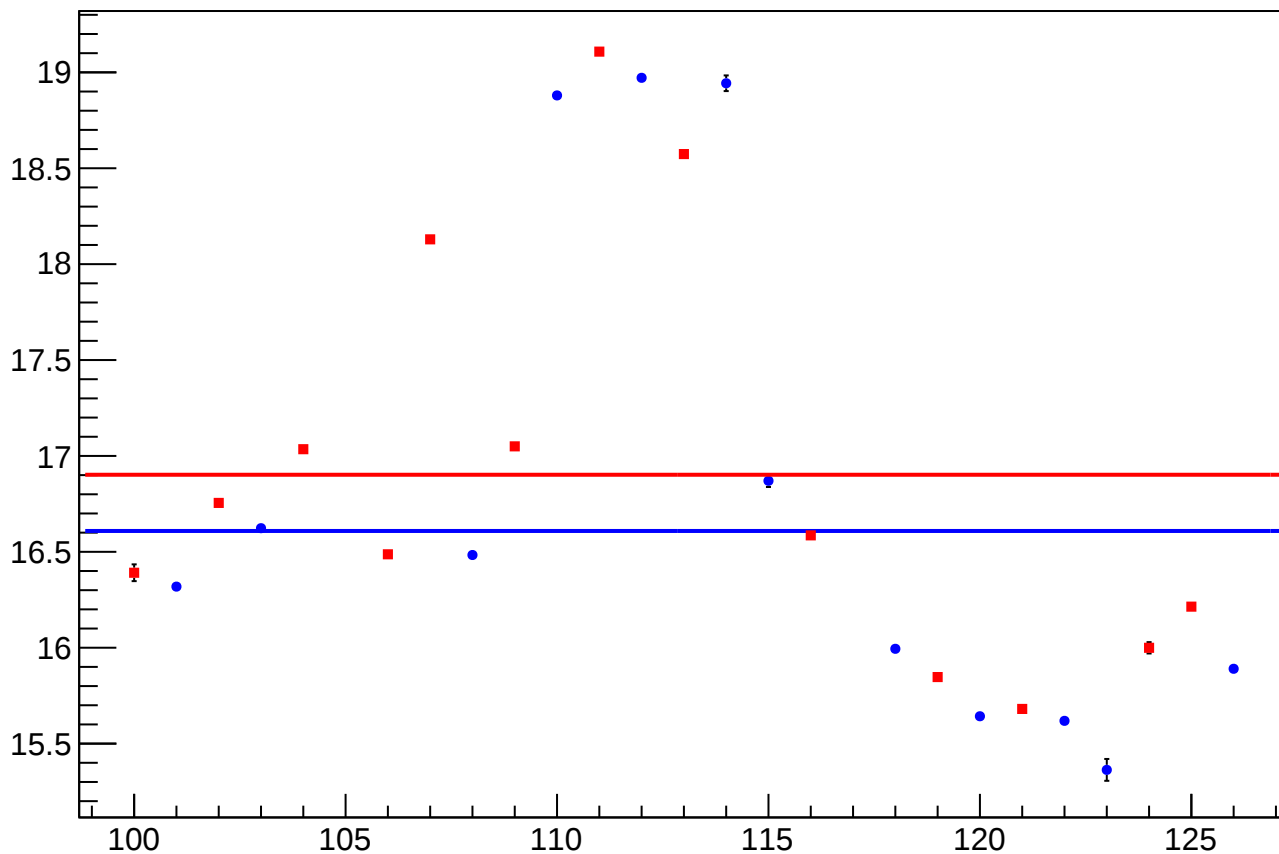
Right: 7.810+/-5.581 χ^2/NDF : 13.0/24

In: 3.604+/-8.059 χ^2/NDF : 5.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.810+/-5.581 χ^2/NDF : 13.0/24

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.609+/-0.006 χ^2/NDF : 38187.7/11

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

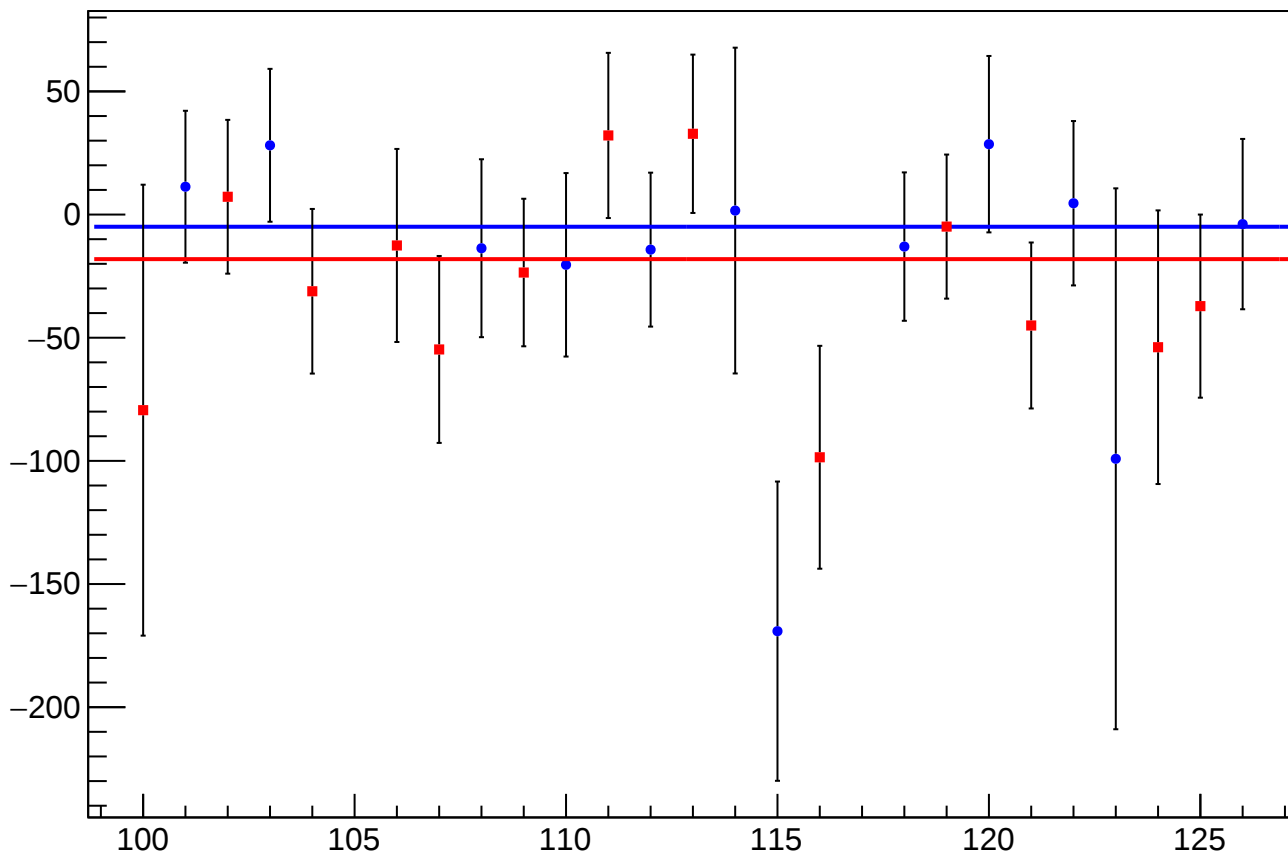
Right: 16.761+/-0.004 χ^2/NDF : 73872.4/24

In: 16.609+/-0.006 χ^2/NDF :38187.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 16.761+/-0.004 χ^2/NDF : 73872.4/24

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.946 ± 10.660 χ^2/NDF : 10.8/11

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

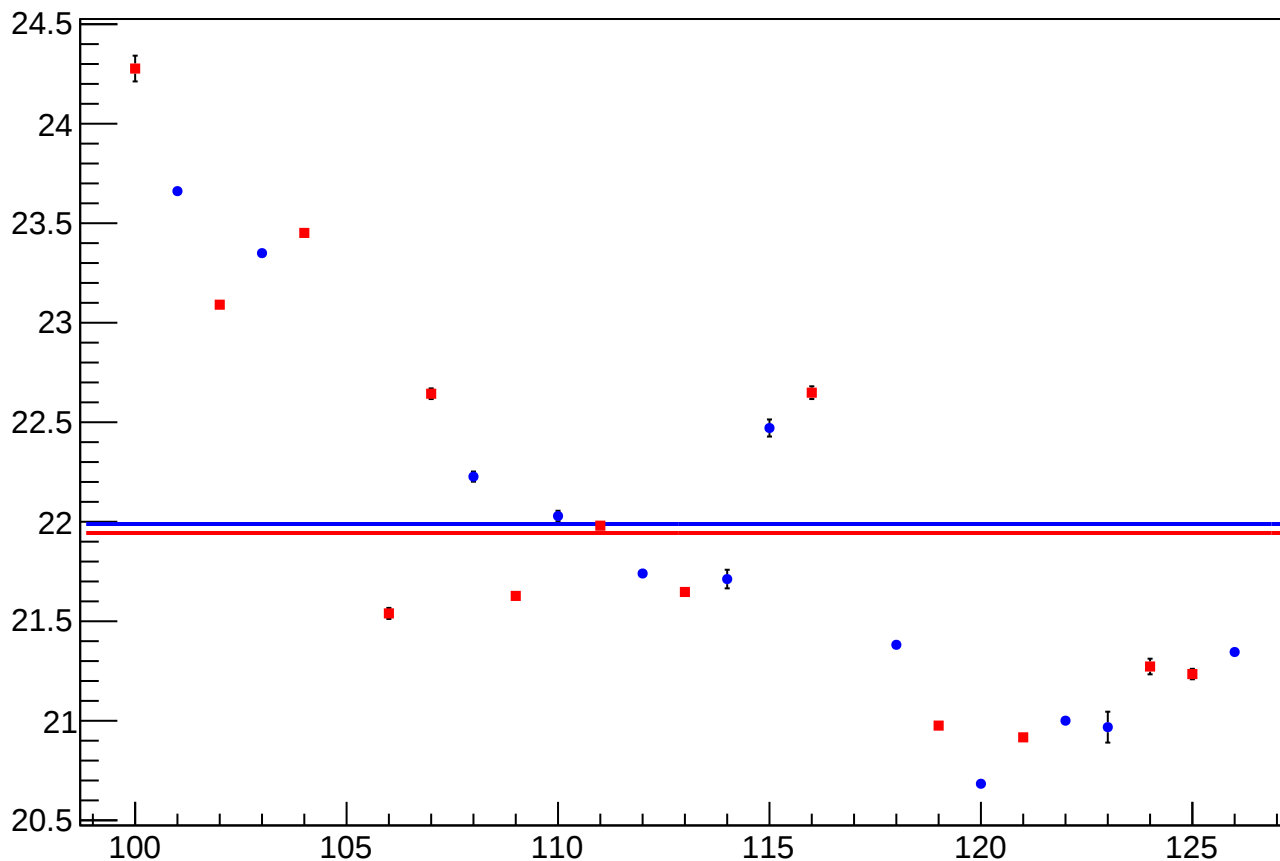
Right: -11.922 ± 7.304 χ^2/NDF : 23.3/24

In: -4.946 ± 10.660 χ^2/NDF : 10.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.922 ± 7.304 χ^2/NDF : 23.3/24

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 21.989 $\pm$ 0.008 χ^2 /NDF: 16194.9/11

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

Right Out: 21.944 $\pm$ 0.007 χ^2 /NDF: 14911.4/12

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

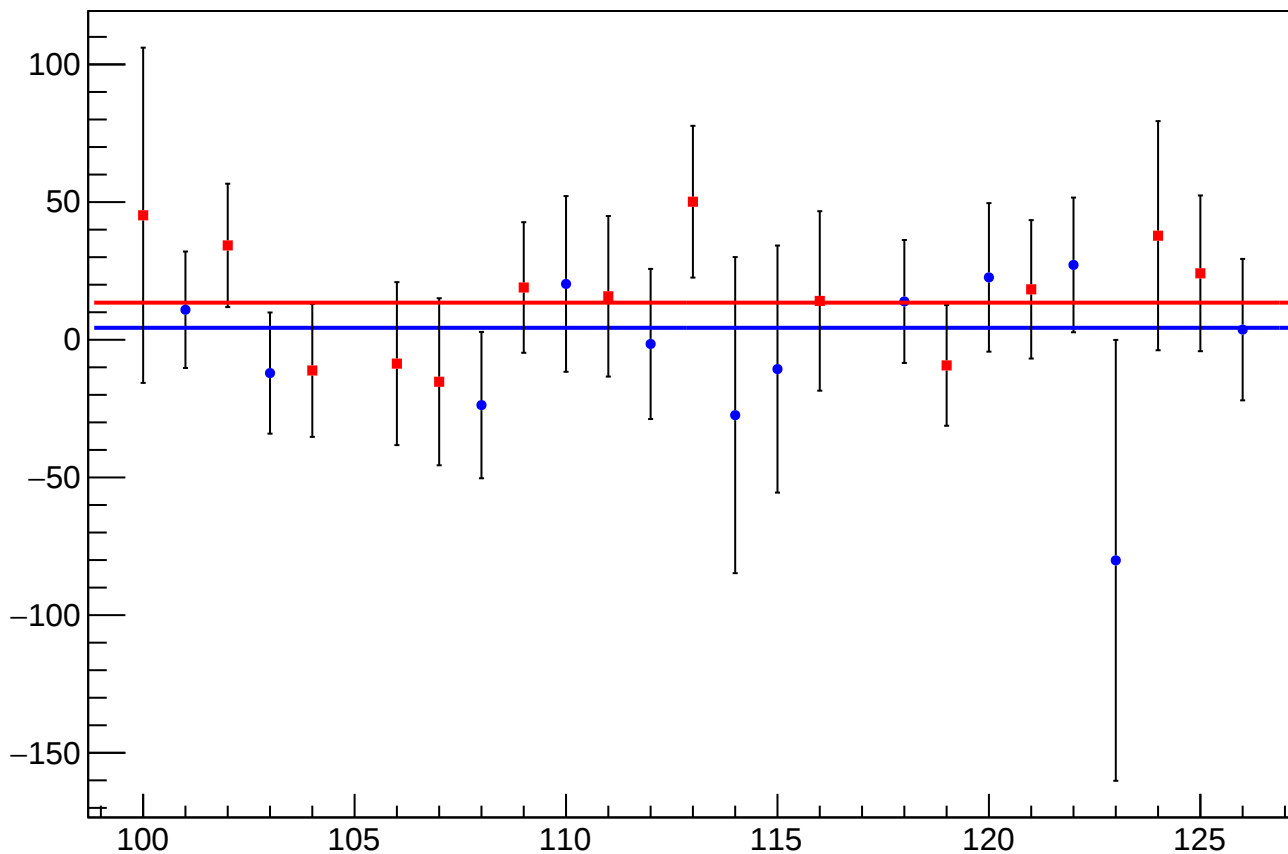
Right: 21.965 $\pm$ 0.005 χ^2 /NDF: 31125.3/24

In: 21.989 $\pm$ 0.008 χ^2 /NDF:16194.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 21.965 $\pm$ 0.005 χ^2 /NDF: 31125.3/24

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 4.349+/-8.014 χ^2/NDF : 5.1/11

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

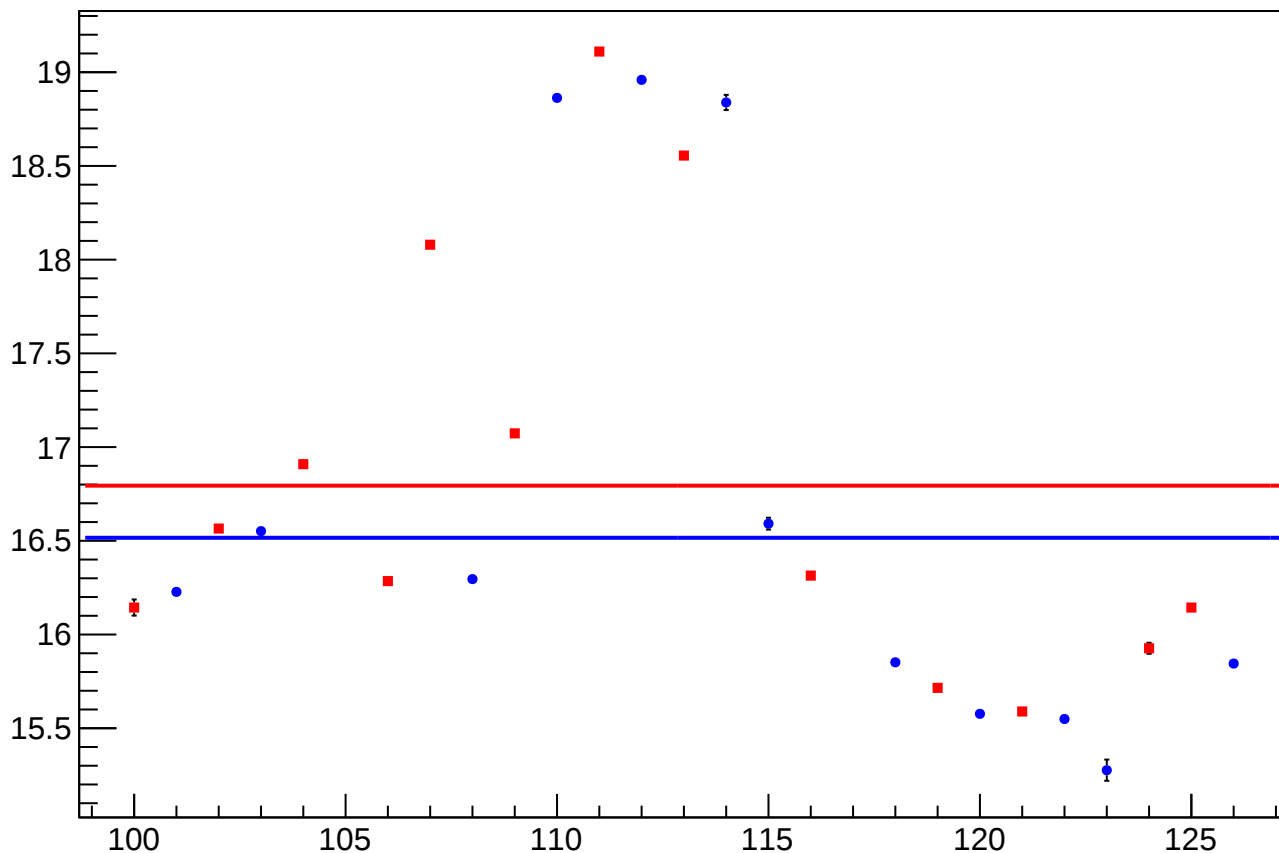
Right: 9.108+/-5.548 χ^2/NDF : 12.9/24

In: 4.349+/-8.014 χ^2/NDF : 5.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.108+/-5.548 χ^2/NDF : 12.9/24

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.516+/-0.006 χ^2/NDF : 39846.9/11

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

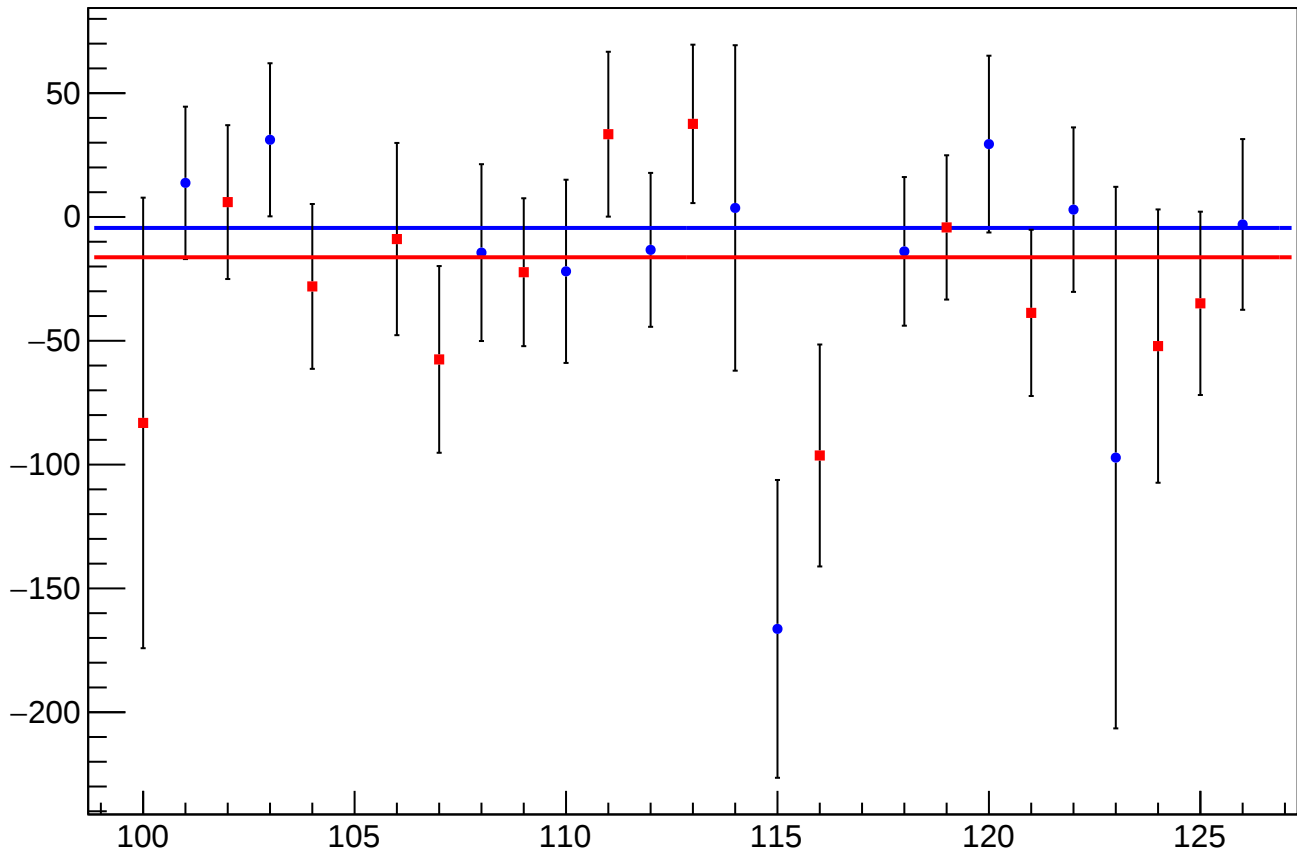
Right: 16.661+/-0.004 χ^2/NDF : 78632.1/24

In: 16.516+/-0.006 χ^2/NDF :39846.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 16.661+/-0.004 χ^2/NDF : 78632.1/24

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.429 ± 10.608 $\chi^2/\text{NDF}: 11.1/11$

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

Right Out: -16.270 ± 9.975 $\chi^2/\text{NDF}: 12.0/12$

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

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

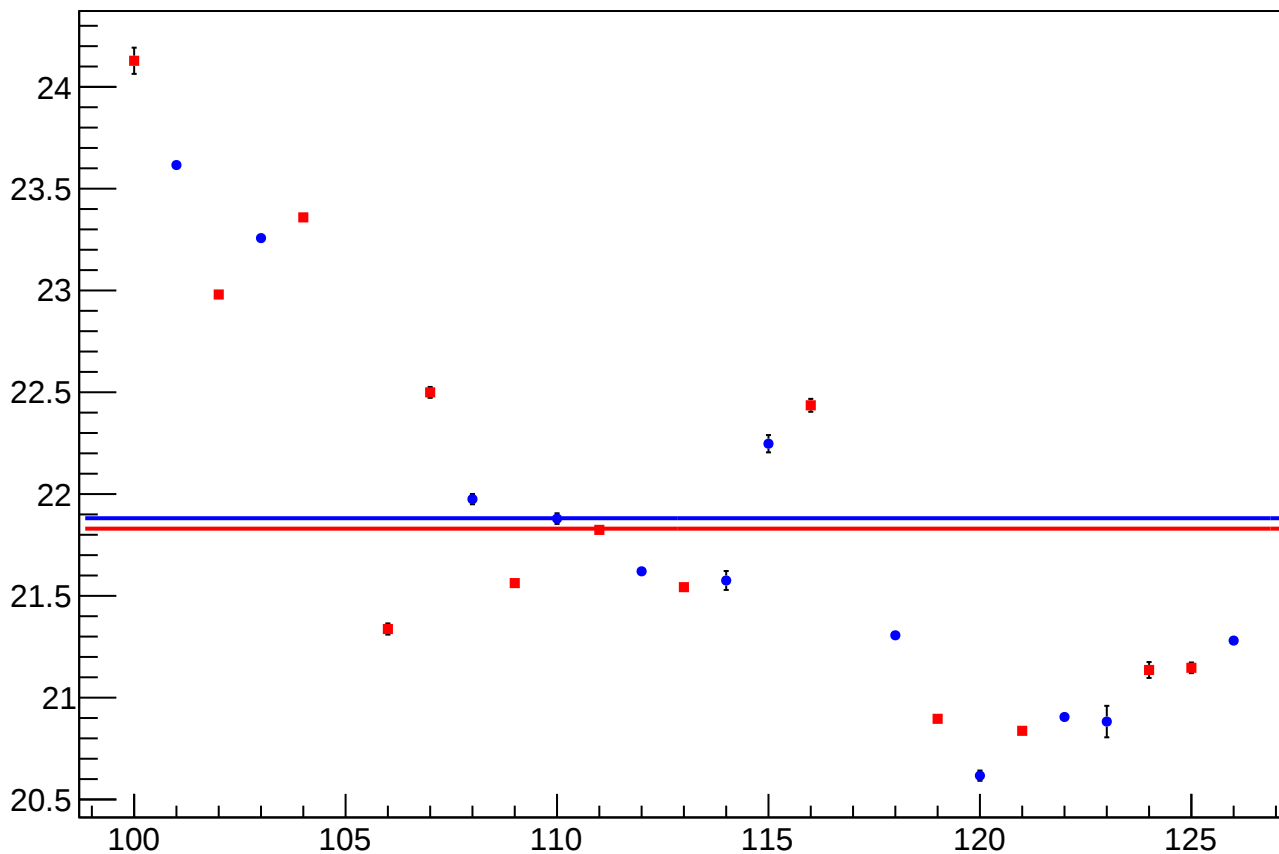
Right: -10.713 ± 7.267 $\chi^2/\text{NDF}: 23.8/24$

In: -4.429 ± 10.608 $\chi^2/\text{NDF}: 11.1/11$

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

All: -10.713 ± 7.267 $\chi^2/\text{NDF}: 23.8/24$

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 21.881+/-0.008 χ^2/NDF : 16335.3/11

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

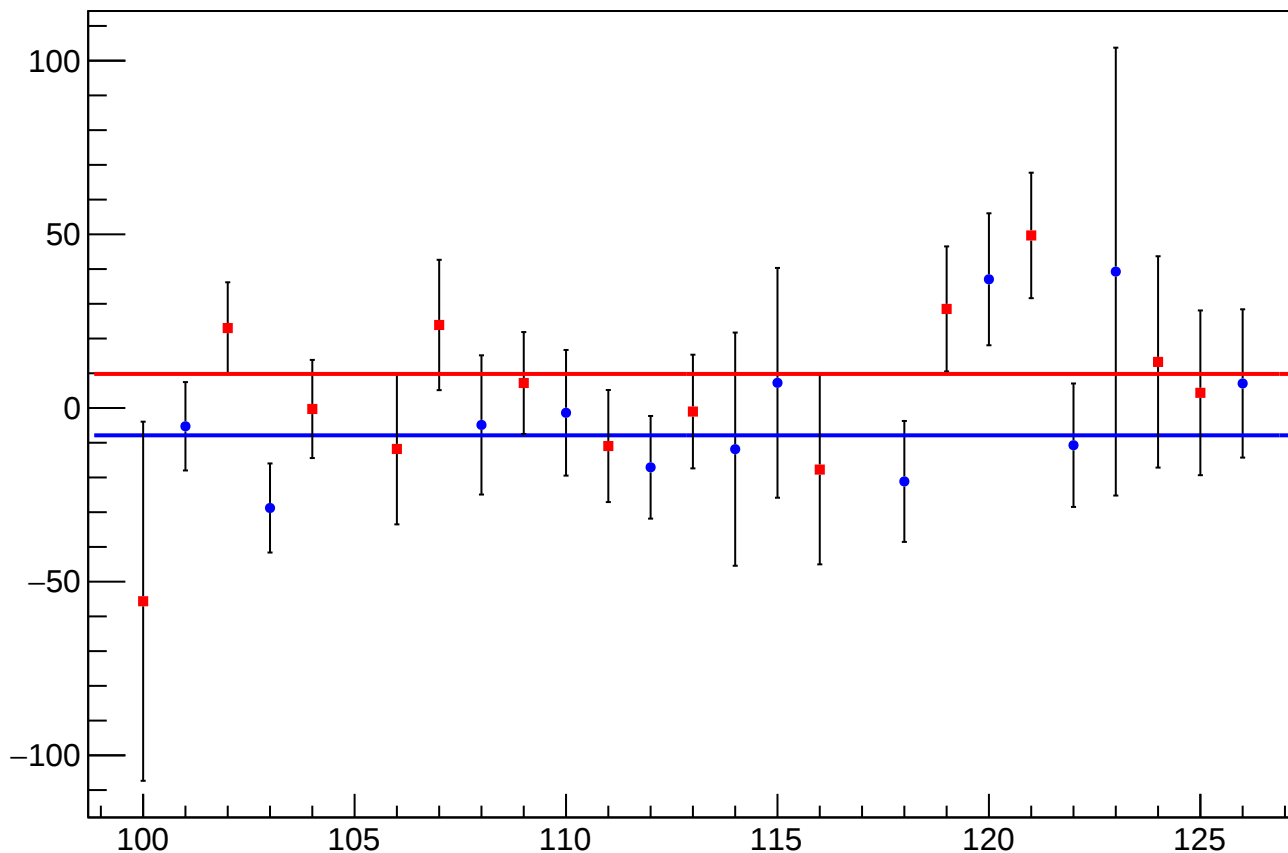
Right: 21.854+/-0.005 χ^2/NDF : 31041.1/24

In: 21.881+/-0.008 χ^2/NDF : 16335.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.854+/-0.005 χ^2/NDF : 31041.1/24

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.865+/-5.281 χ^2/NDF : 10.7/11

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

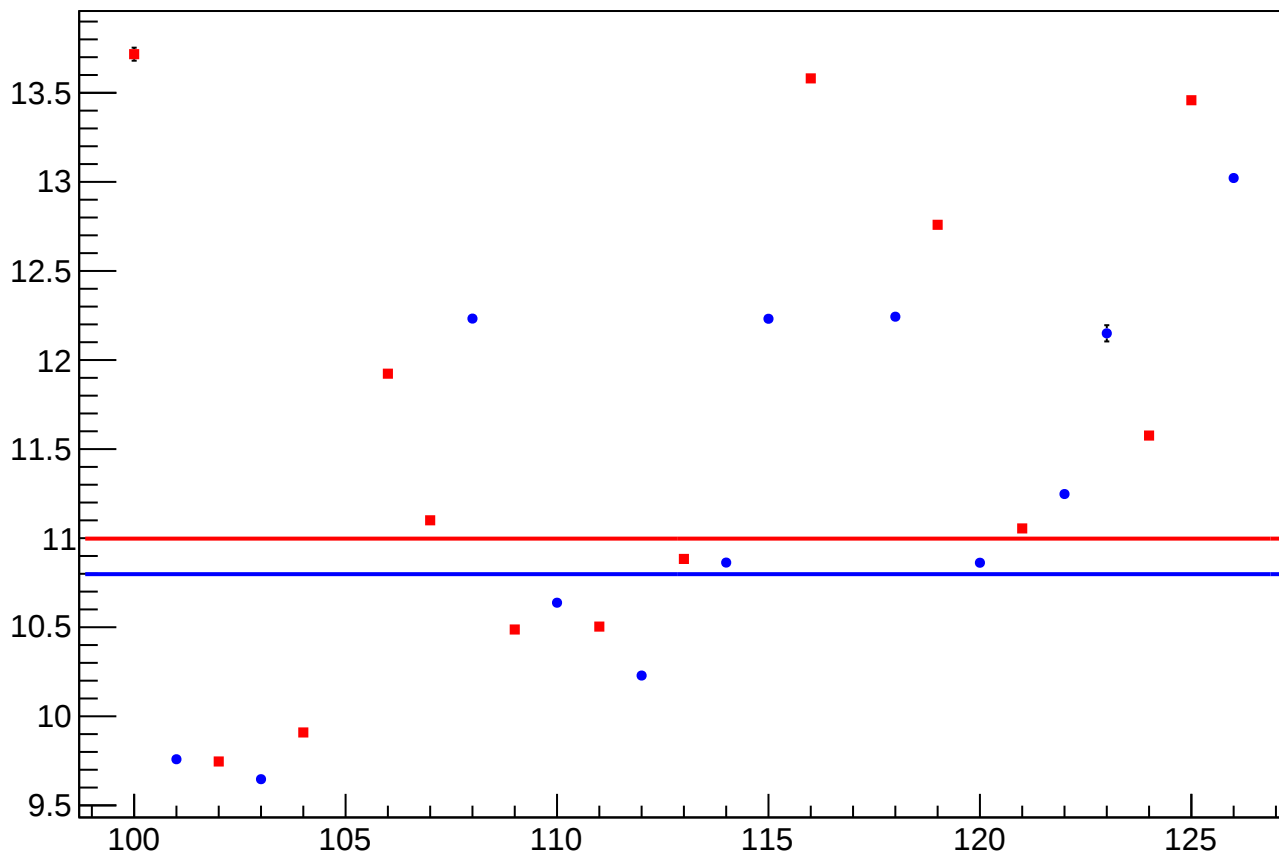
Right: 1.306+/-3.663 χ^2/NDF : 30.3/24

In: -7.865+/-5.281 χ^2/NDF : 10.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.306+/-3.663 χ^2/NDF : 30.3/24

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.798 $\pm$ 0.004 χ^2 /NDF: 84247.5/11

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

Right Out: 10.997 $\pm$ 0.004 χ^2 /NDF: 102871.1/12

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

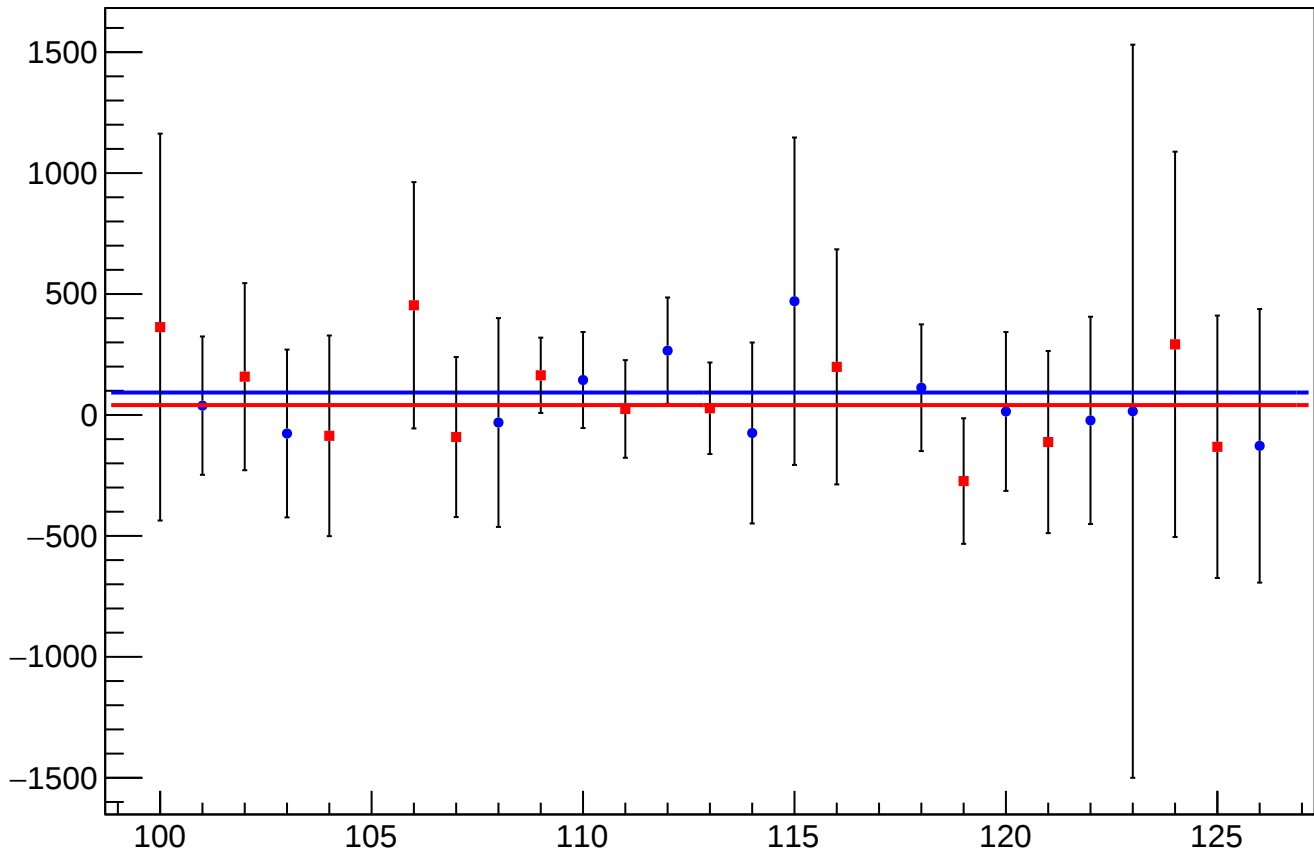
Right: 10.902 $\pm$ 0.003 χ^2 /NDF: 188600.4/24

In: 10.798 $\pm$ 0.004 χ^2 /NDF:84247.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 10.902 $\pm$ 0.003 χ^2 /NDF: 188600.4/24

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: 92.781+/-93.601 χ^2/NDF : 1.8/11

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

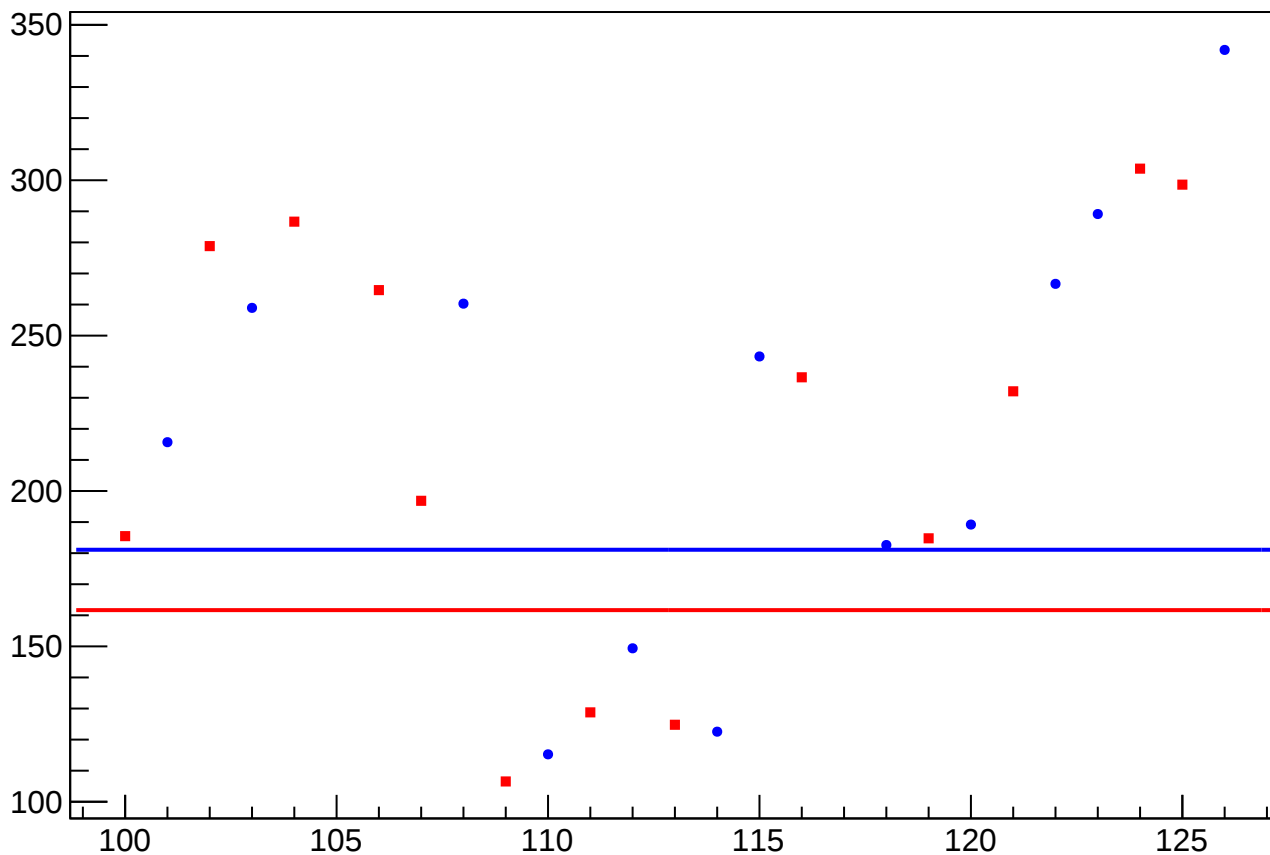
Right: 63.128+/-61.312 χ^2/NDF : 5.8/24

In: 92.781+/-93.601 χ^2/NDF : 1.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.128+/-61.312 χ^2/NDF : 5.8/24

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 181.095+/-0.066 χ^2/NDF : 777661.5/11

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

Right Out: 161.666+/-0.057 χ^2/NDF : 1175587.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

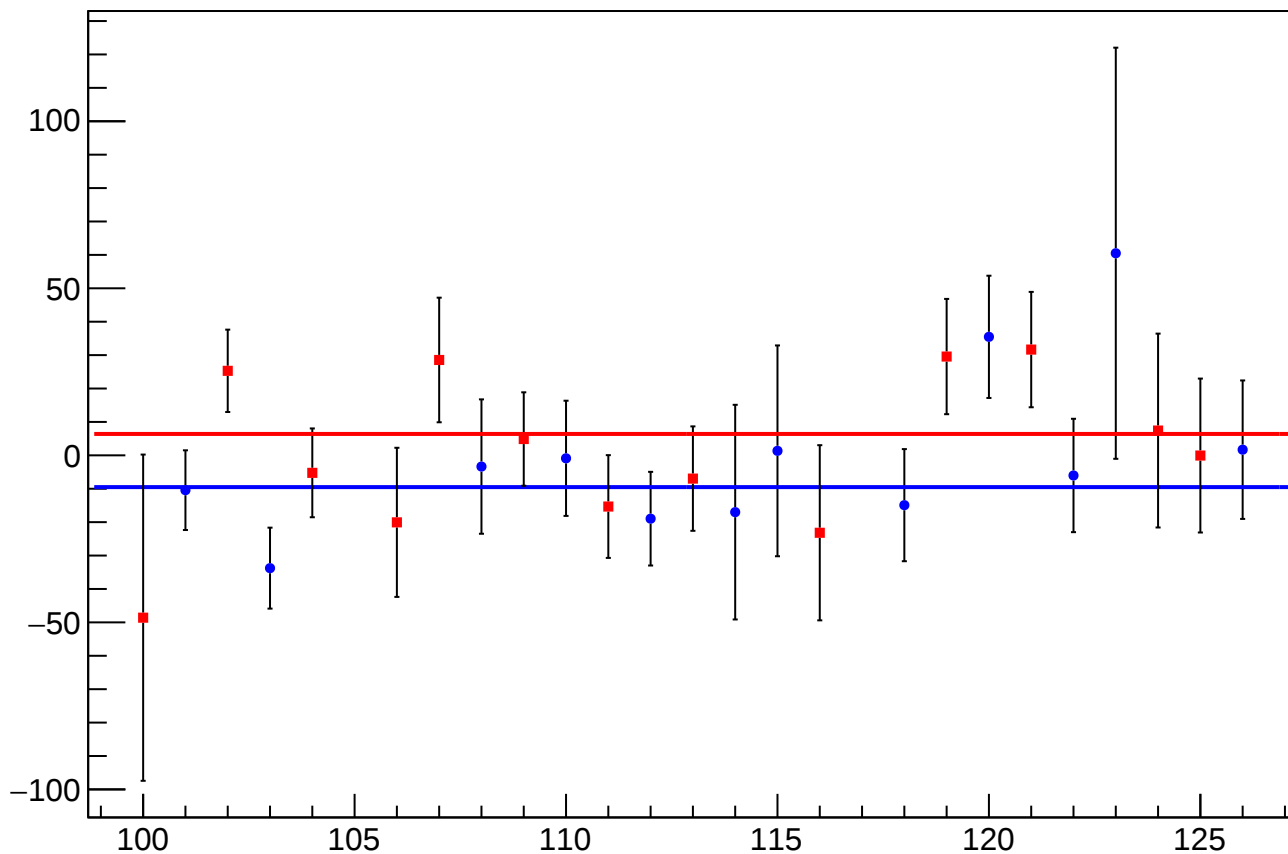
Right: 170.002+/-0.043 χ^2/NDF : 2002446.2/24

In: 181.095+/-0.066 χ^2/NDF : 777661.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.002+/-0.043 χ^2/NDF : 2002446.2/24

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -9.511+/-5.042 χ^2/NDF : 12.8/11

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

Right Out: 6.403+/-4.867 χ^2/NDF : 15.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

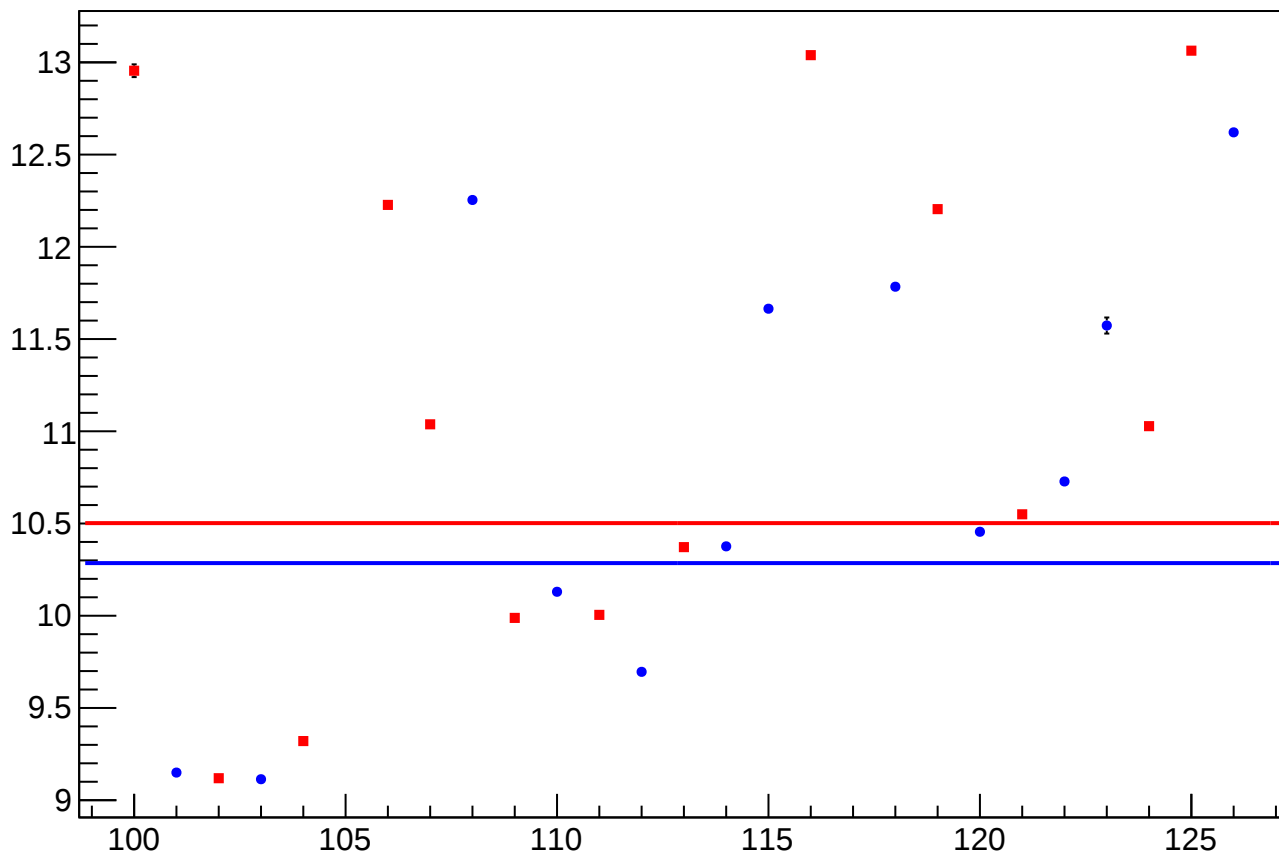
Right: -1.273+/-3.502 χ^2/NDF : 33.2/24

In: -9.511+/-5.042 χ^2/NDF : 12.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.273+/-3.502 χ^2/NDF : 33.2/24

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.285+/-0.004 χ^2/NDF : 107269.4/11

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

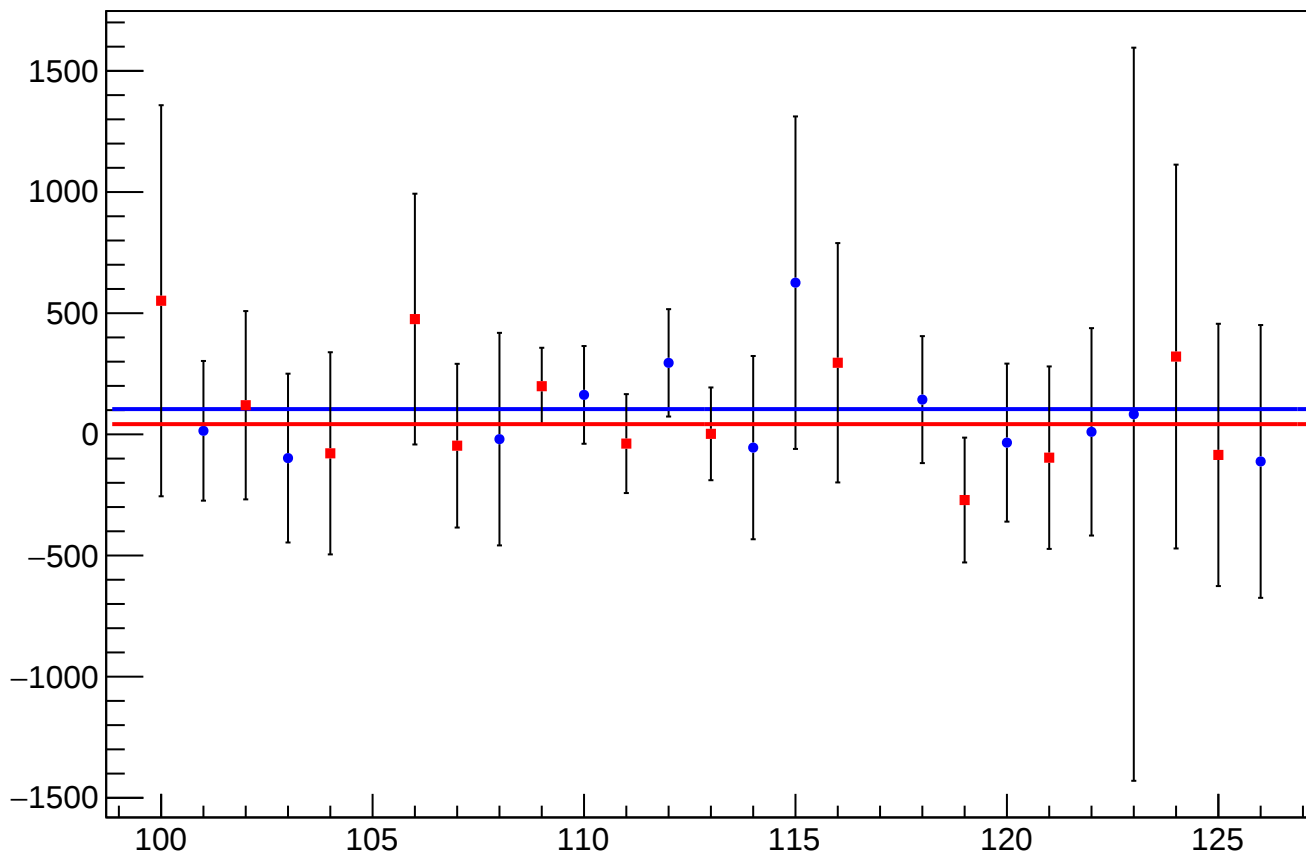
Right: 10.398+/-0.002 χ^2/NDF : 237315.8/24

In: 10.285+/-0.004 χ^2/NDF : 107269.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.398+/-0.002 χ^2/NDF : 237315.8/24

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 104.241 $\pm$ 94.252 χ^2 /NDF: 2.5/11

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

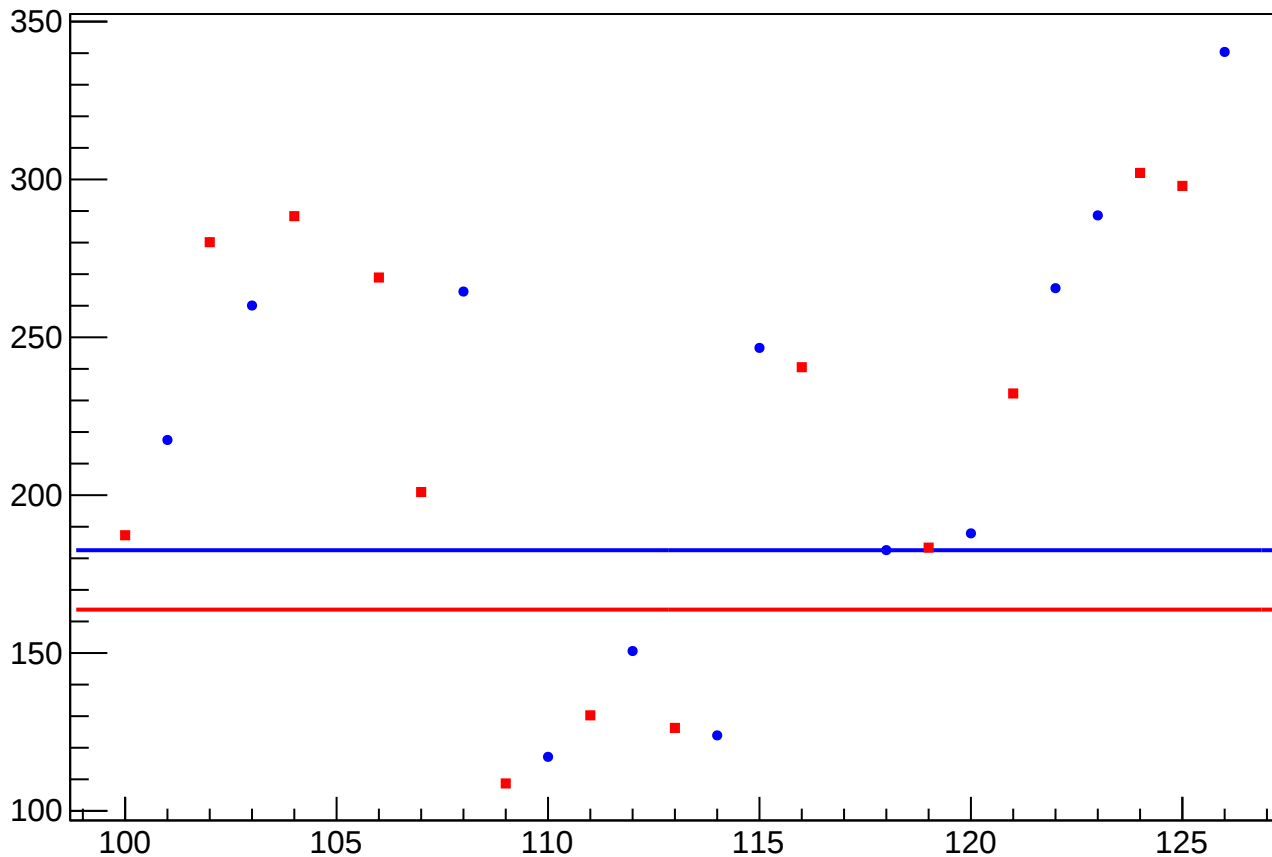
Right: 68.920 $\pm$ 61.870 χ^2 /NDF: 7.3/24

In: 104.241 $\pm$ 94.252 χ^2 /NDF:2.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 68.920 $\pm$ 61.870 χ^2 /NDF: 7.3/24

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 182.563+/-0.067 χ^2/NDF : 758657.1/11

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

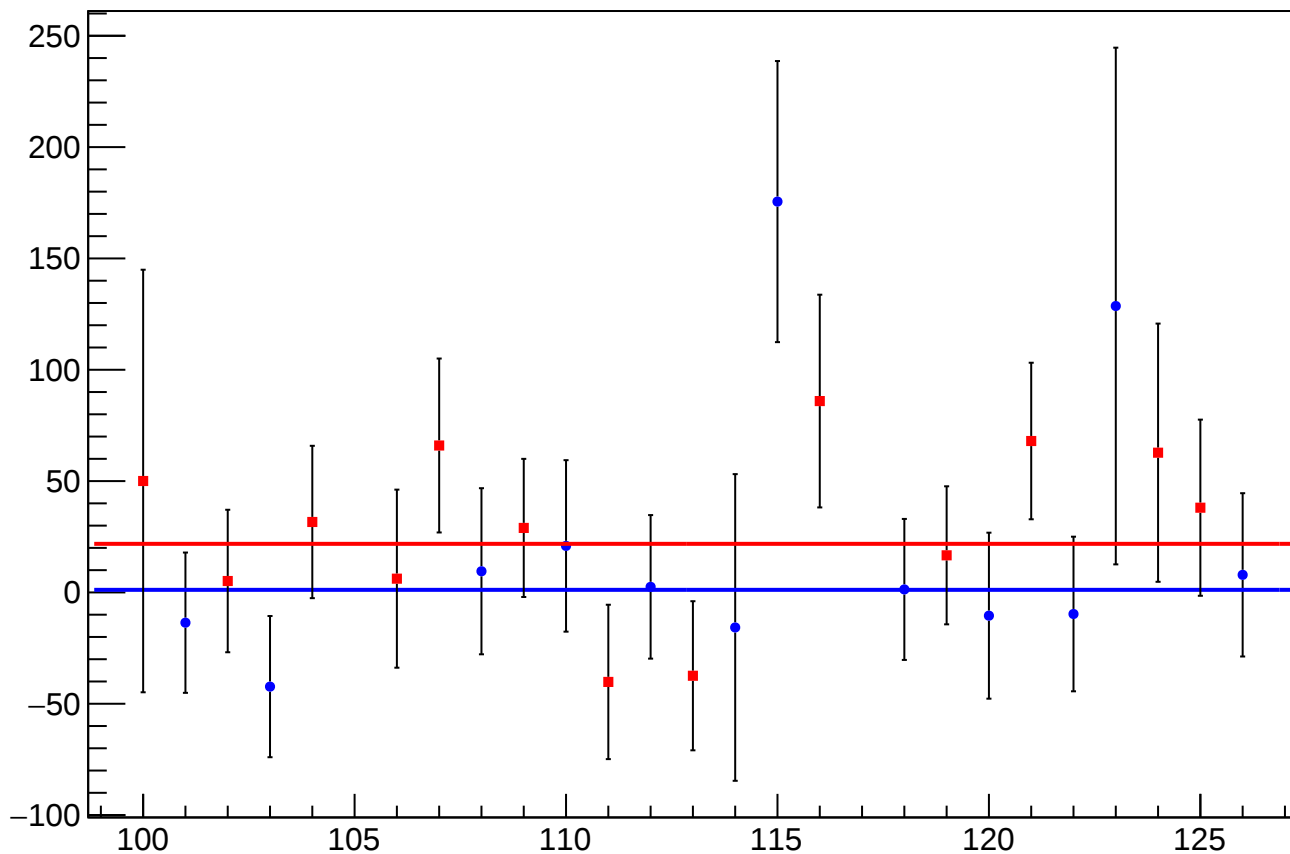
Right: 171.856+/-0.044 χ^2/NDF : 1951998.1/24

In: 182.563+/-0.067 χ^2/NDF : 758657.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.856+/-0.044 χ^2/NDF : 1951998.1/24

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.160+/-11.054 χ^2/NDF : 11.5/11

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

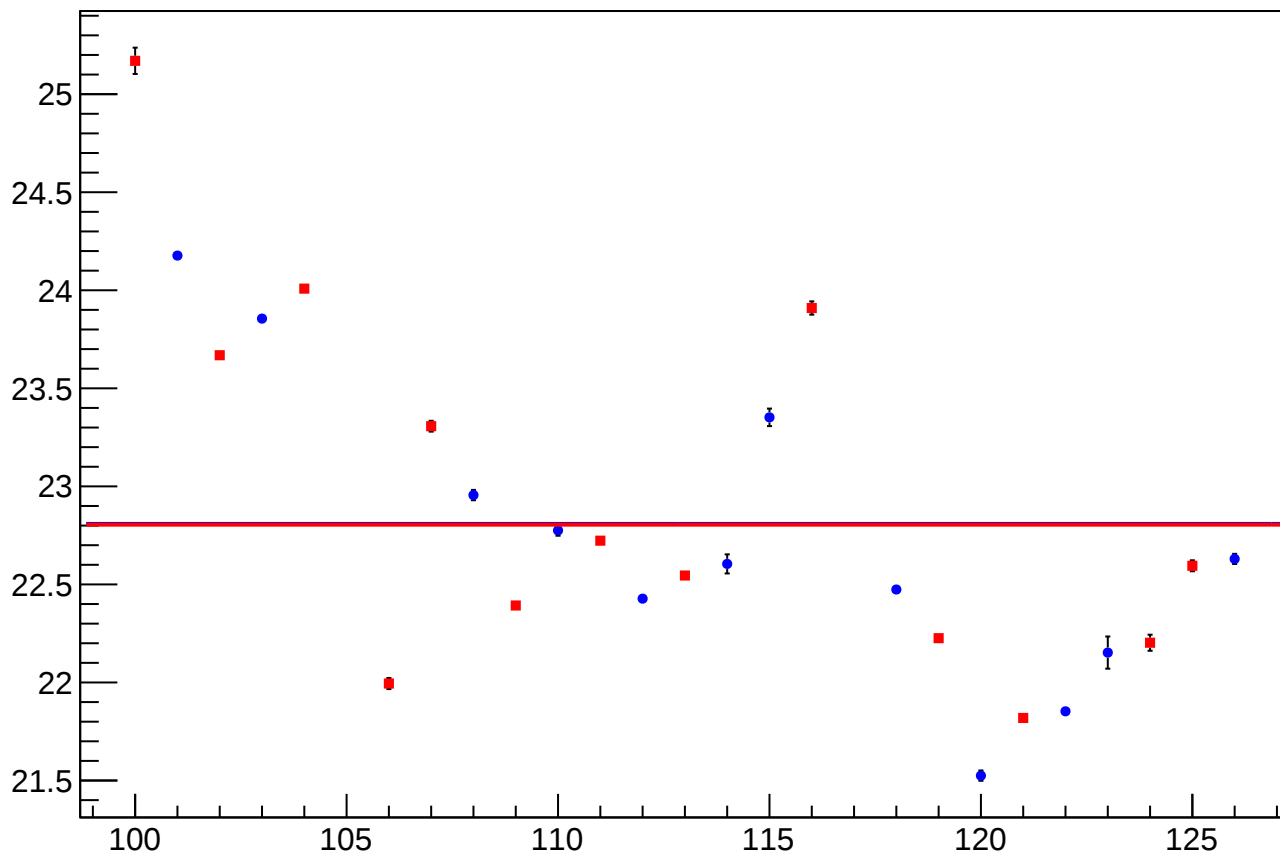
Right: 12.100+/-7.582 χ^2/NDF : 25.9/24

In: 1.160+/-11.054 χ^2/NDF : 11.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.100+/-7.582 χ^2/NDF : 25.9/24

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.808+/-0.008 χ^2/NDF : 10652.3/11

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

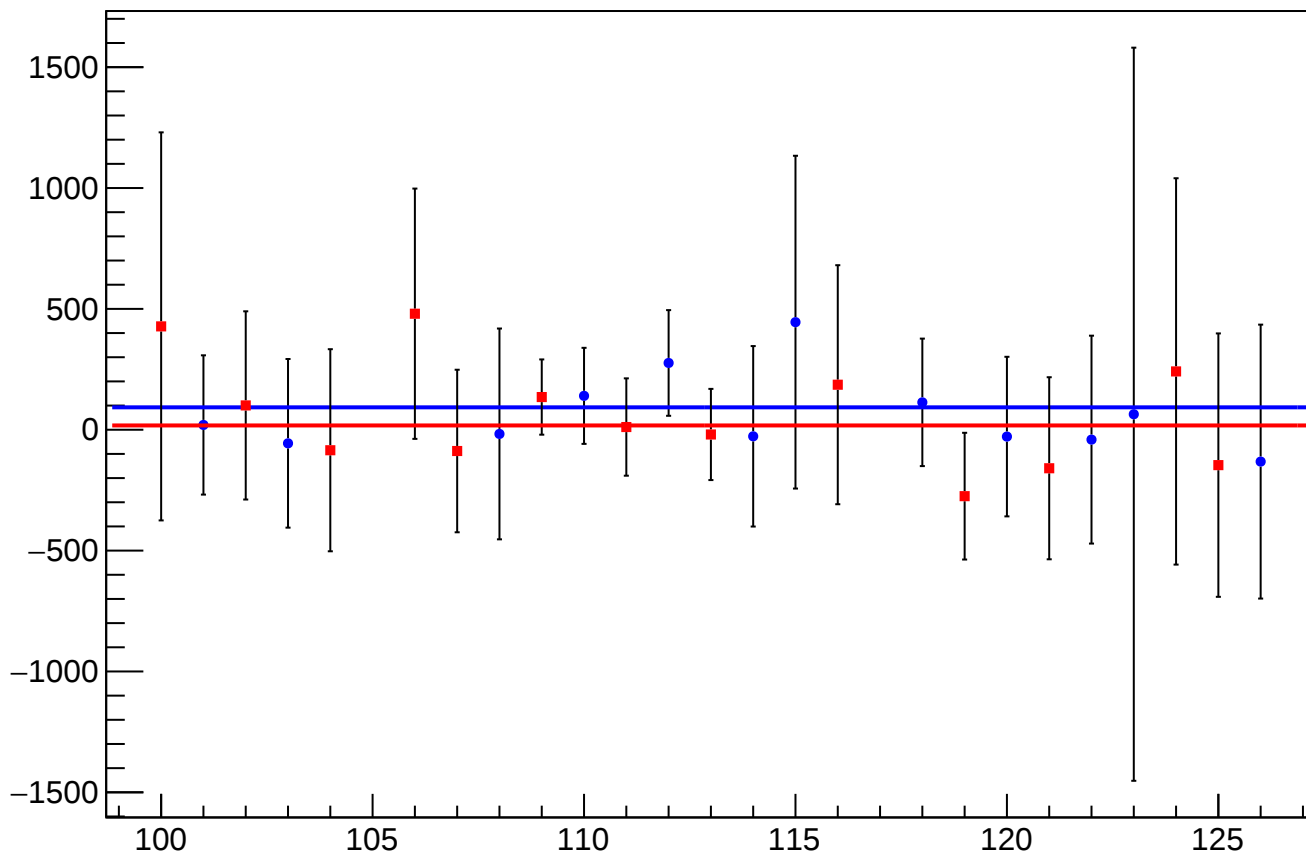
Right: 22.806+/-0.005 χ^2/NDF : 21075.7/24

In: 22.808+/-0.008 χ^2/NDF :10652.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.806+/-0.005 χ^2/NDF : 21075.7/24

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 92.715+/-93.830 χ^2/NDF : 1.8/11

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

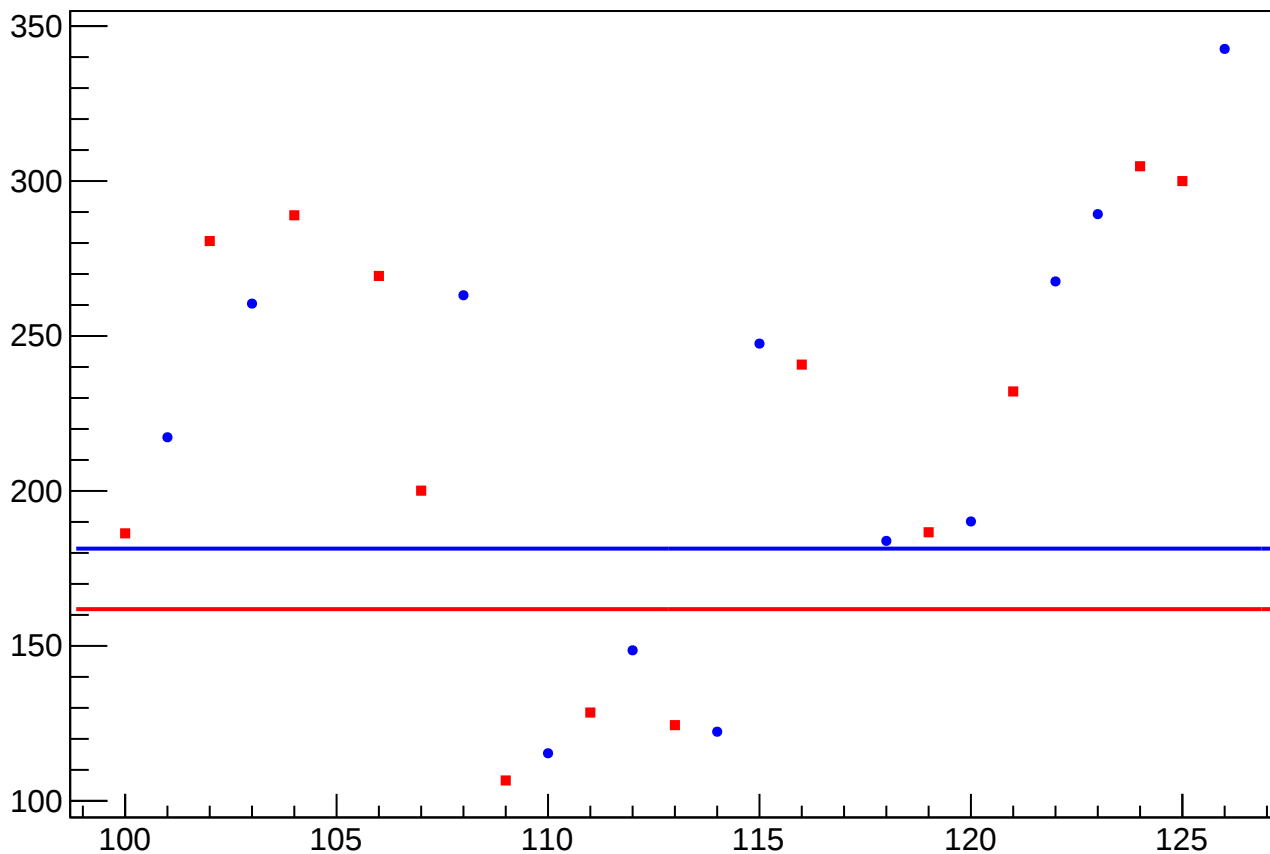
Right: 49.941+/-61.465 χ^2/NDF : 5.8/24

In: 92.715+/-93.830 χ^2/NDF : 1.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.941+/-61.465 χ^2/NDF : 5.8/24

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 181.393+/-0.066 χ^2/NDF : 792685.9/11

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

Right Out: 161.863+/-0.058 χ^2/NDF : 1201683.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

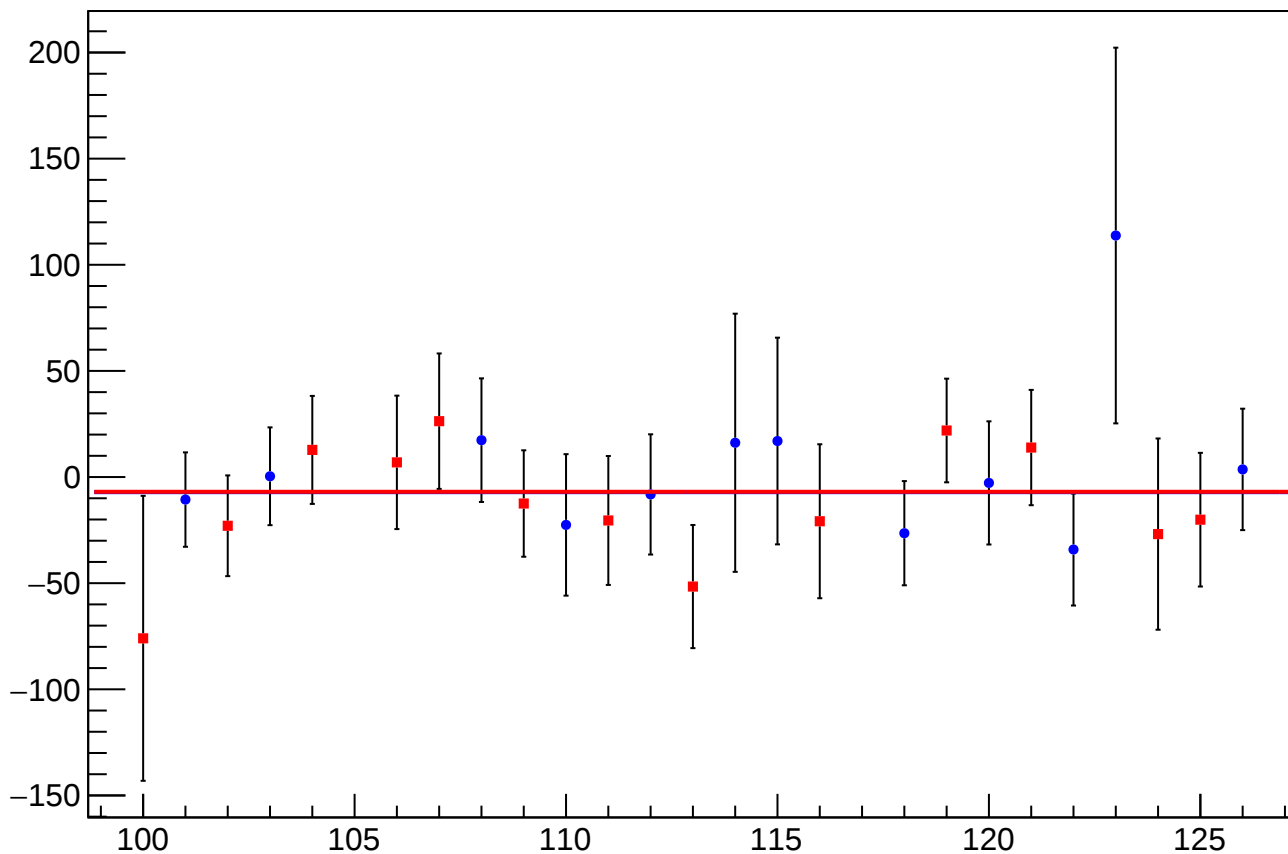
Right: 170.243+/-0.043 χ^2/NDF : 2043836.7/24

In: 181.393+/-0.066 χ^2/NDF : 792685.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.243+/-0.043 χ^2/NDF : 2043836.7/24

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.124+/-8.587 χ^2/NDF : 5.1/11

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

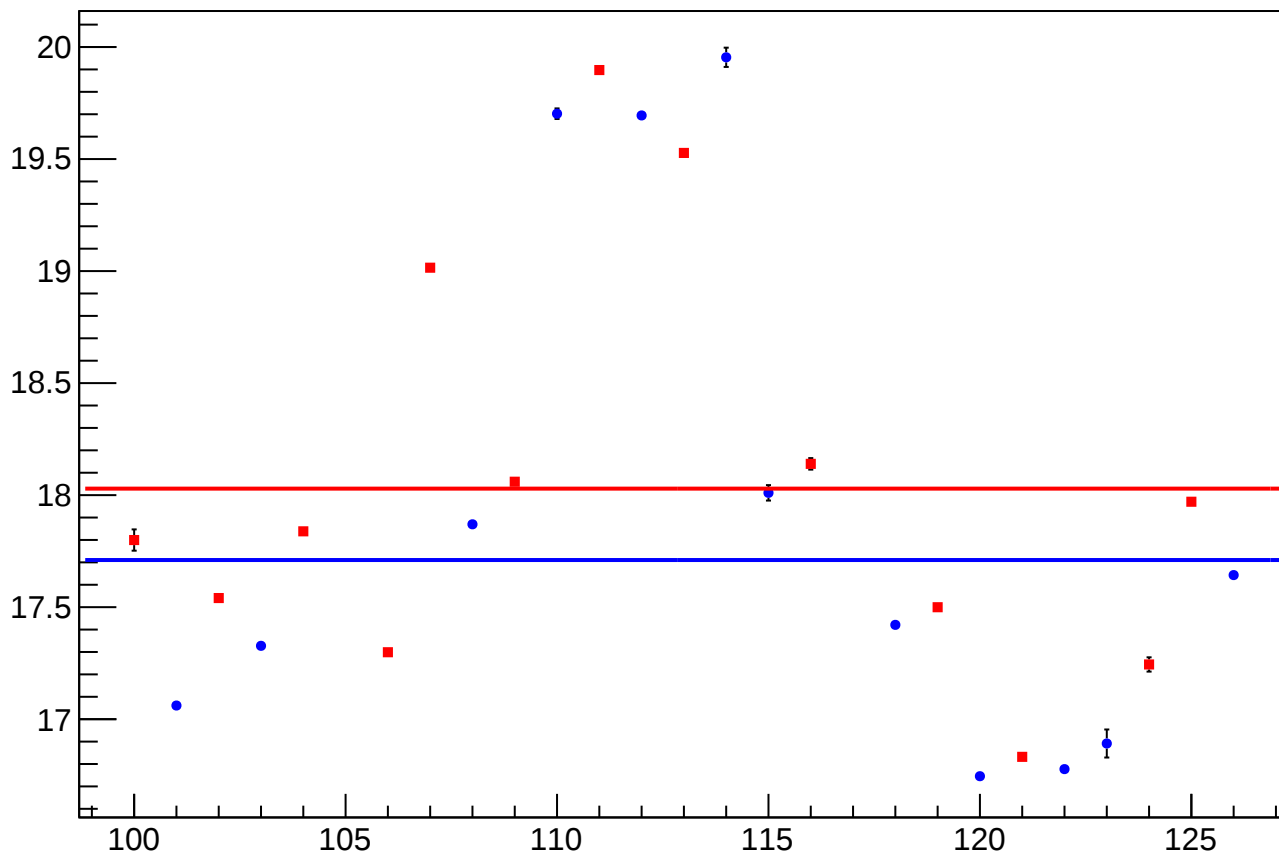
Right: -7.031+/-5.949 χ^2/NDF : 13.7/24

In: -7.124+/-8.587 χ^2/NDF : 5.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.031+/-5.949 χ^2/NDF : 13.7/24

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.710+/-0.006 χ^2/NDF : 27254.2/11

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

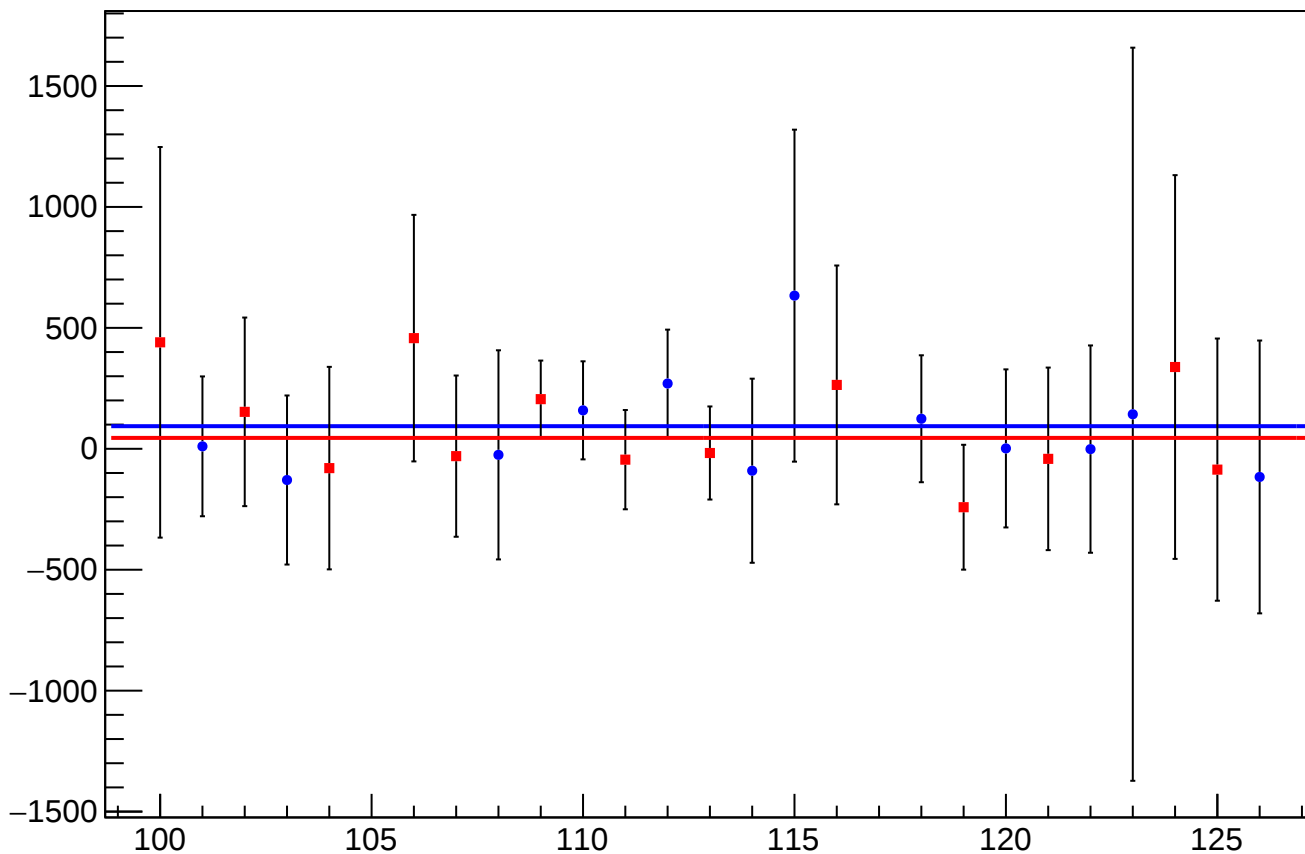
Right: 17.876+/-0.004 χ^2/NDF : 51025.9/24

In: 17.710+/-0.006 χ^2/NDF : 27254.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.876+/-0.004 χ^2/NDF : 51025.9/24

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 93.497+/-94.526 χ^2/NDF : 2.4/11

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

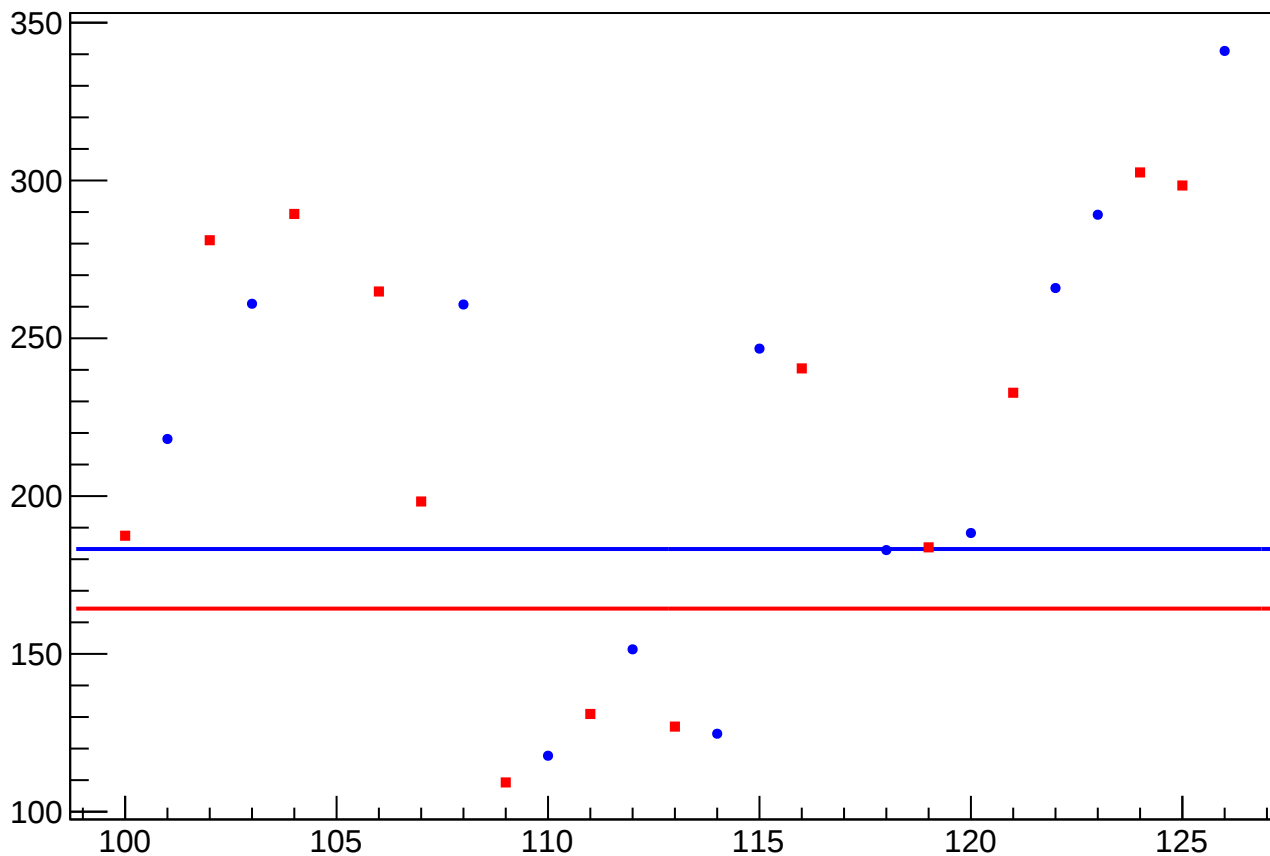
Right: 65.925+/-62.041 χ^2/NDF : 6.7/24

In: 93.497+/-94.526 χ^2/NDF : 2.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.925+/-62.041 χ^2/NDF : 6.7/24

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 183.229+/-0.067 χ^2/NDF : 747415.2/11

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

Right Out: 164.351+/-0.058 χ^2/NDF : 1132481.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

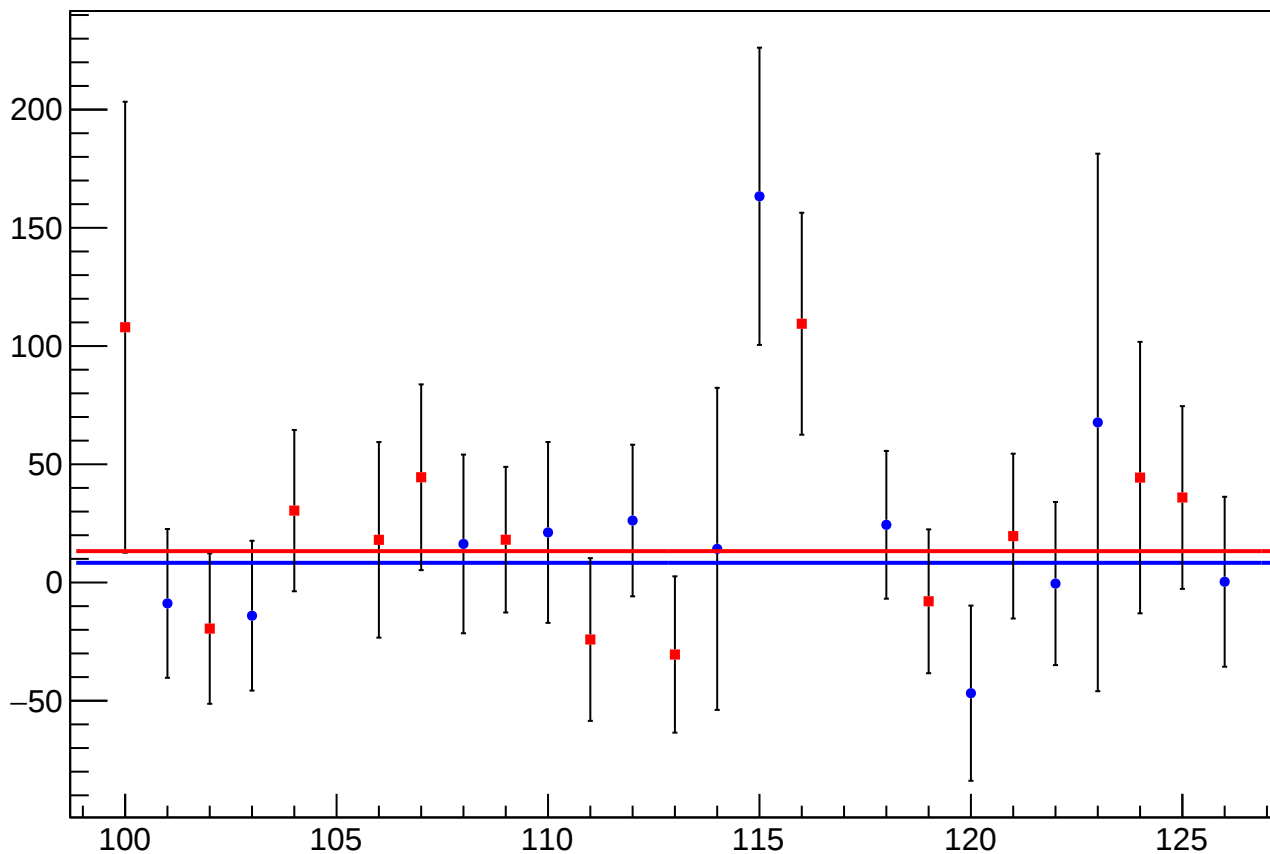
Right: 172.483+/-0.044 χ^2/NDF : 1925303.1/24

In: 183.229+/-0.067 χ^2/NDF : 747415.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.483+/-0.044 χ^2/NDF : 1925303.1/24

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 8.331+/-10.991 χ^2/NDF : 10.2/11

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

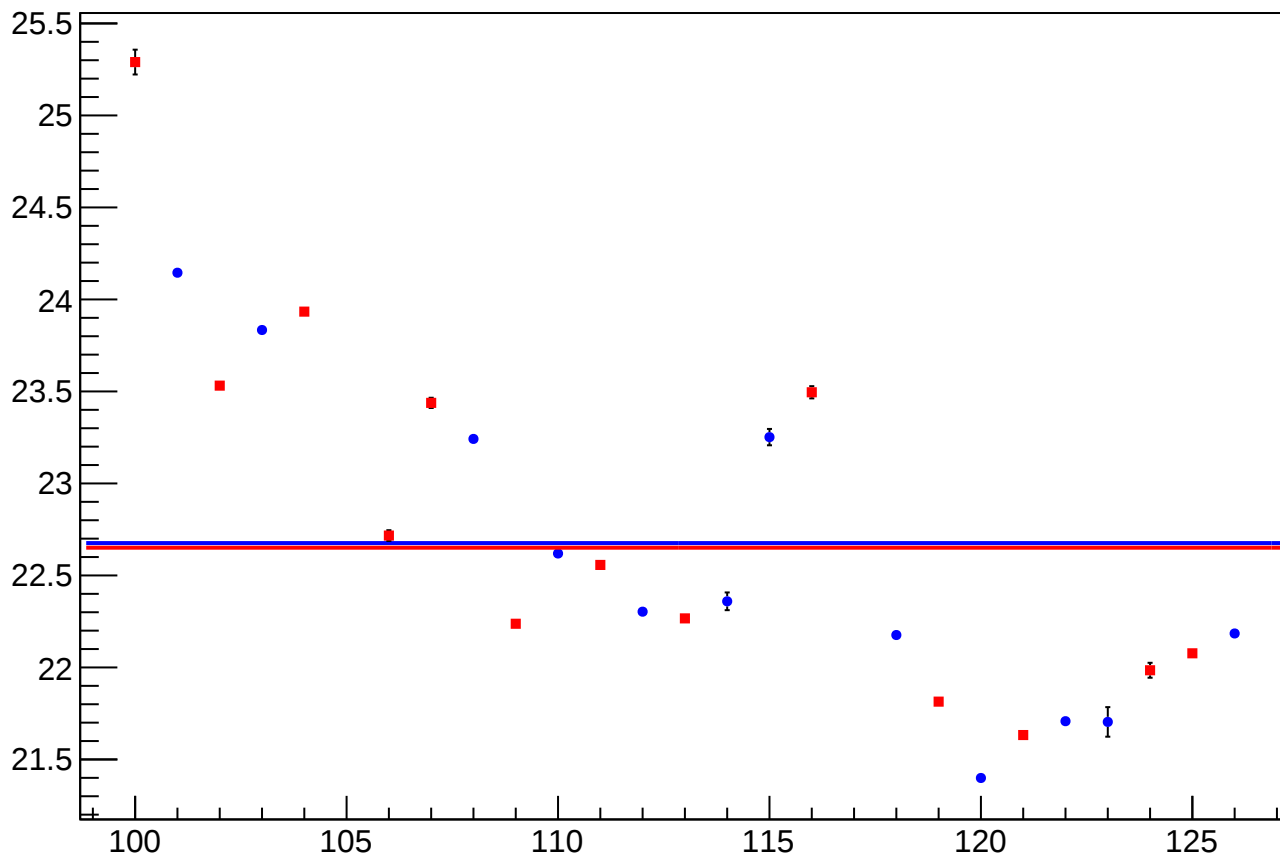
Right: 10.947+/-7.535 χ^2/NDF : 21.6/24

In: 8.331+/-10.991 χ^2/NDF : 10.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.947+/-7.535 χ^2/NDF : 21.6/24

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.676+/-0.008 χ^2/NDF : 12950.1/11

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

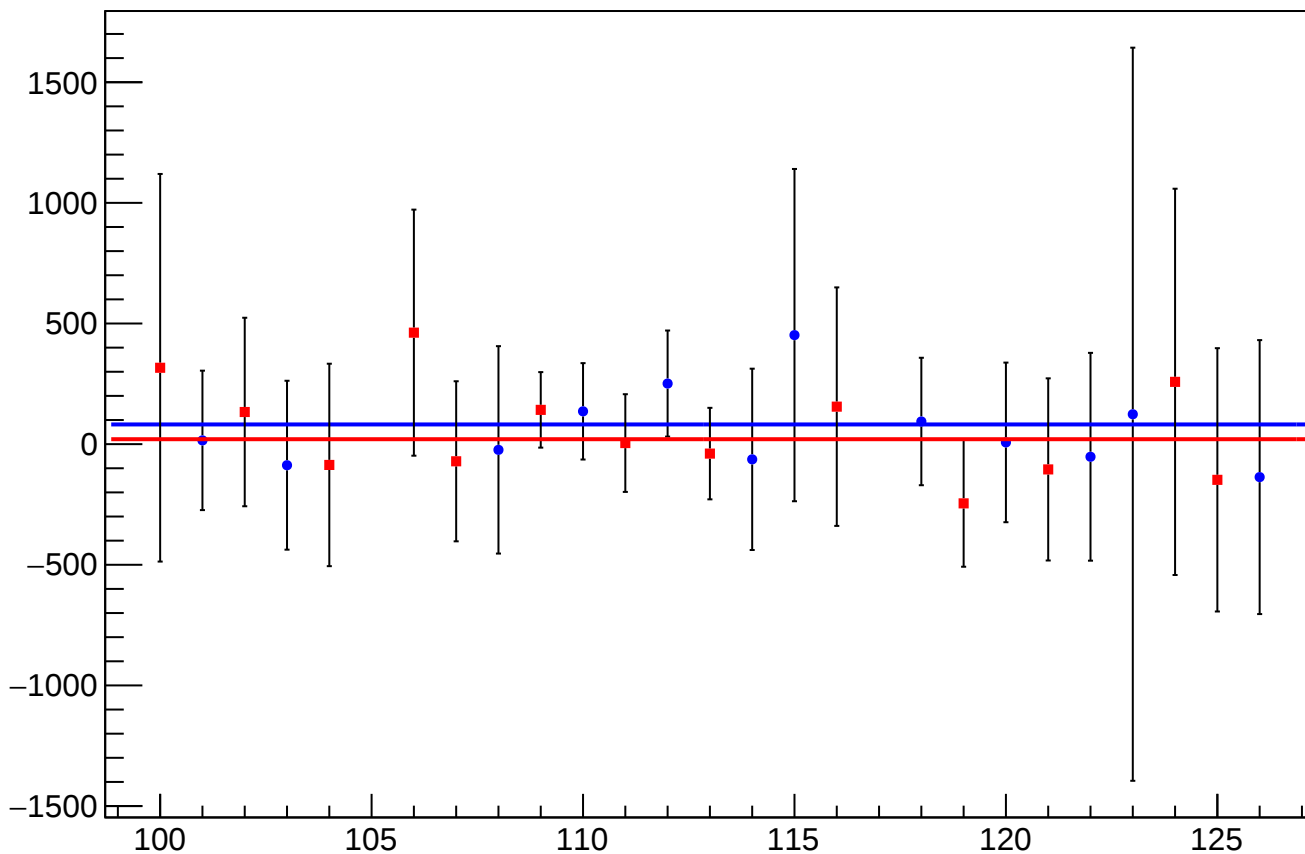
Right: 22.663+/-0.005 χ^2/NDF : 24881.7/24

In: 22.676+/-0.008 χ^2/NDF : 12950.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.663+/-0.005 χ^2/NDF : 24881.7/24

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 81.640 $\pm$ 94.108 χ^2 /NDF: 1.7/11

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

Right Out: 20.458 $\pm$ -81.574 χ^2 /NDF: 3.2/12

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

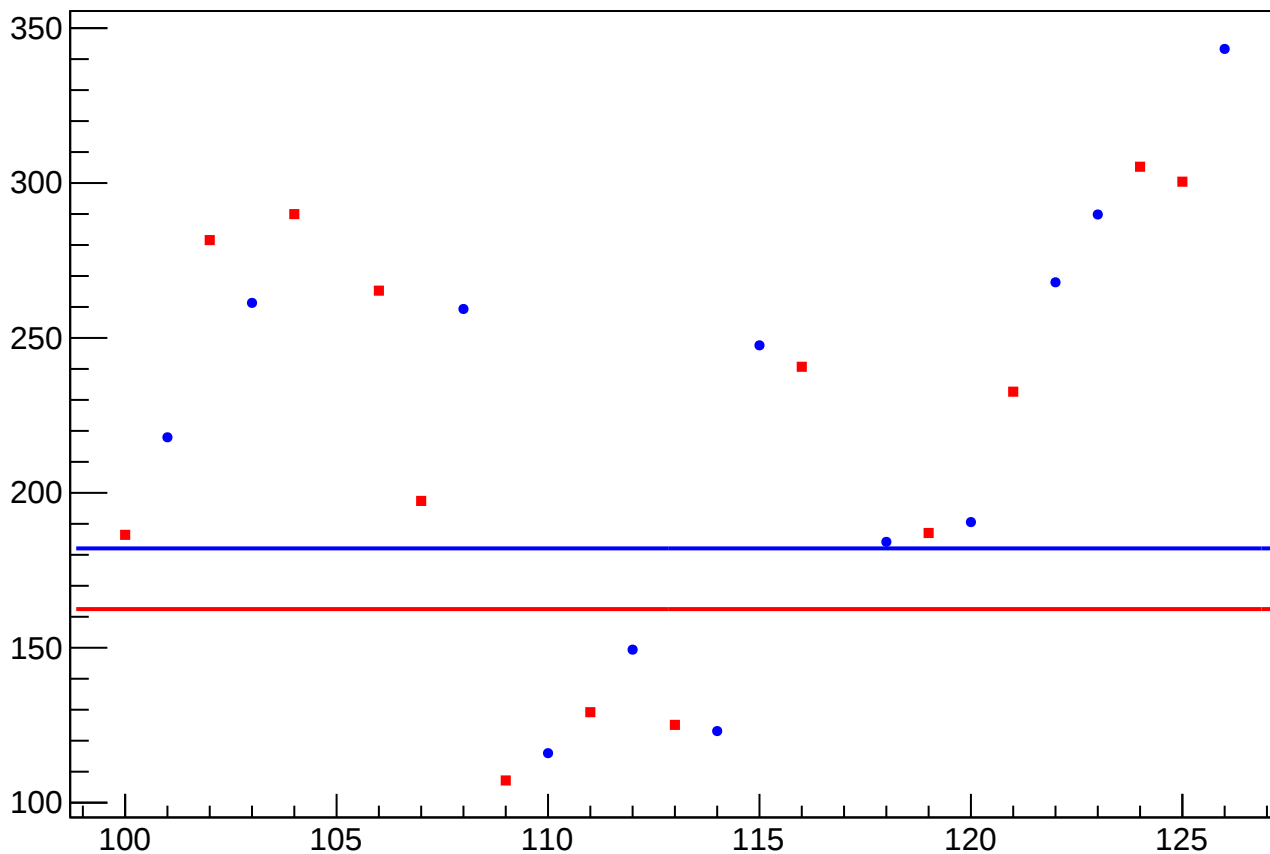
Right: 46.706 $\pm$ -61.640 χ^2 /NDF: 5.2/24

In: 81.640 $\pm$ -94.108 χ^2 /NDF:1.7/11

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

All: 46.706 $\pm$ -61.640 χ^2 /NDF: 5.2/24

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 182.071+/-0.067 χ^2/NDF : 780916.6/11

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

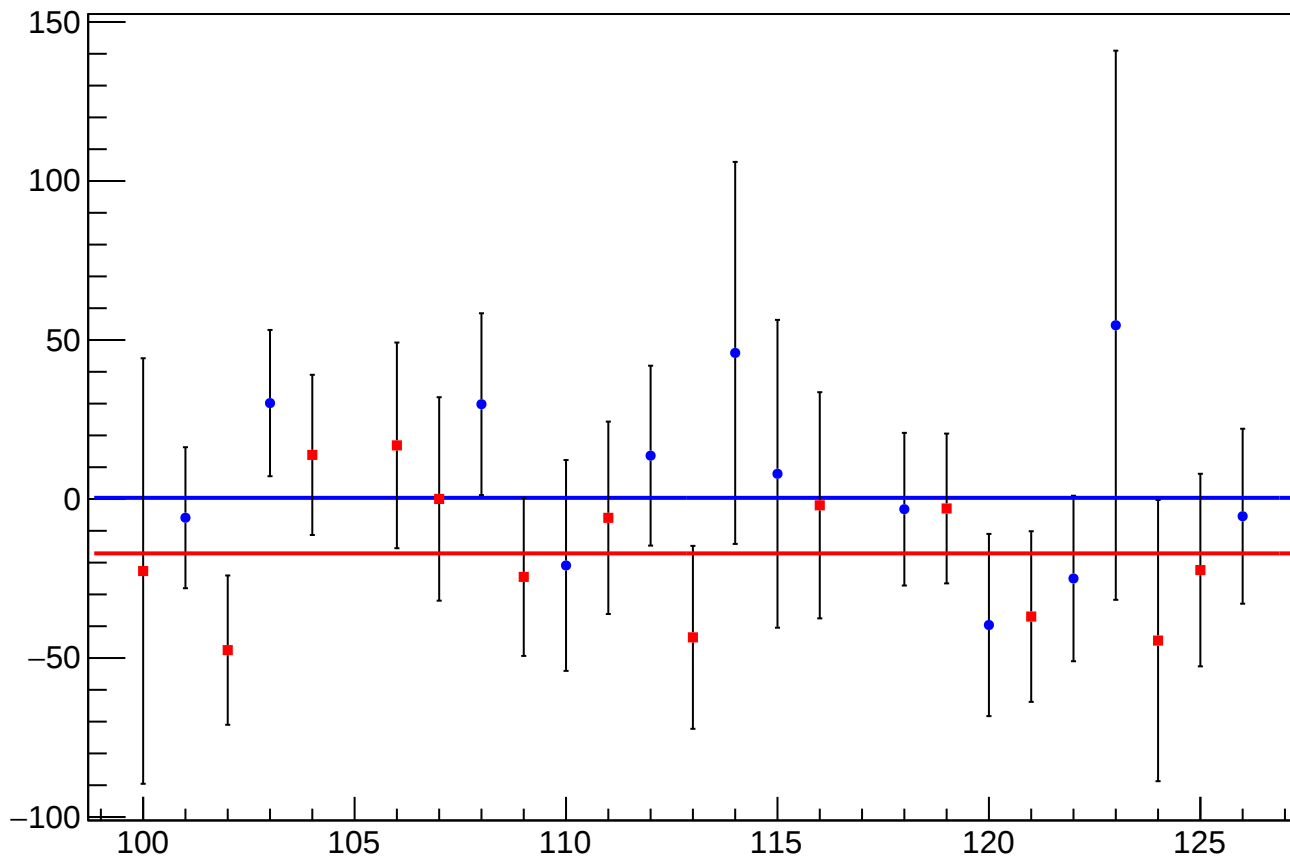
Right: 170.885+/-0.044 χ^2/NDF : 2015929.8/24

In: 182.071+/-0.067 χ^2/NDF : 780916.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.885+/-0.044 χ^2/NDF : 2015929.8/24

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.368+/-8.482 χ^2/NDF : 7.4/11

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

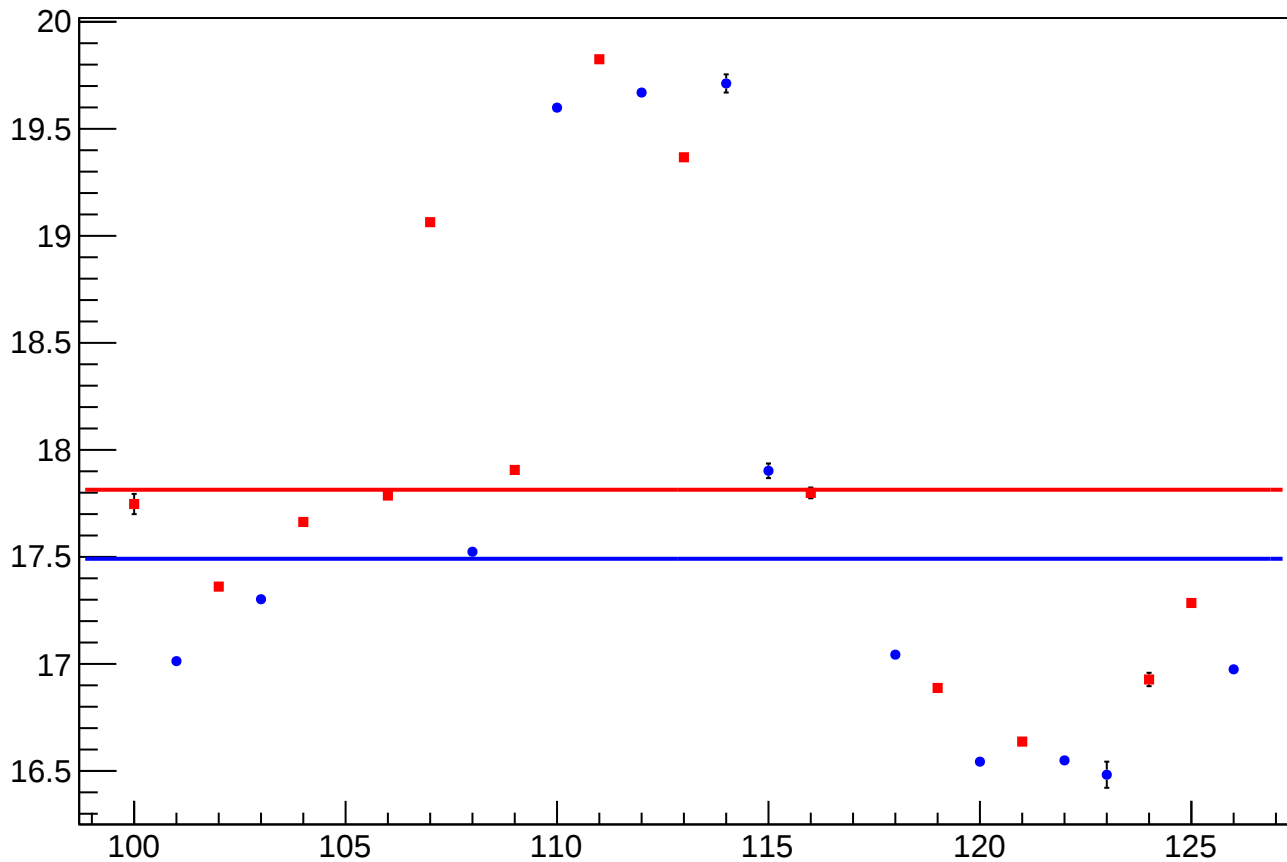
Right: -8.713+/-5.877 χ^2/NDF : 16.8/24

In: 0.368+/-8.482 χ^2/NDF : 7.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.713+/-5.877 χ^2/NDF : 16.8/24

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.491+/-0.006 χ^2/NDF : 30380.2/11

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

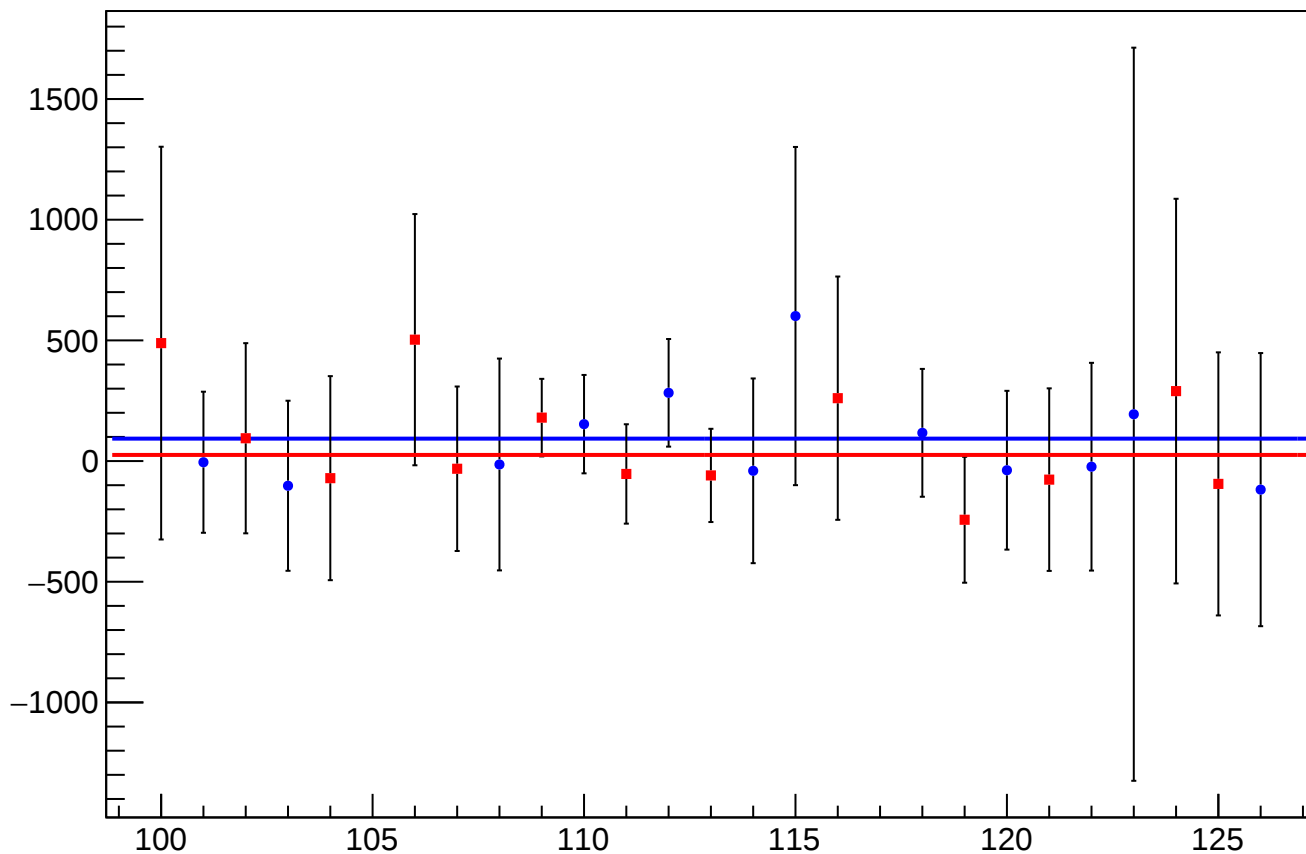
Right: 17.659+/-0.004 χ^2/NDF : 58813.1/24

In: 17.491+/-0.006 χ^2/NDF :30380.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 17.659+/-0.004 χ^2/NDF : 58813.1/24

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 92.956+/-95.146 χ^2/NDF : 2.3/11

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

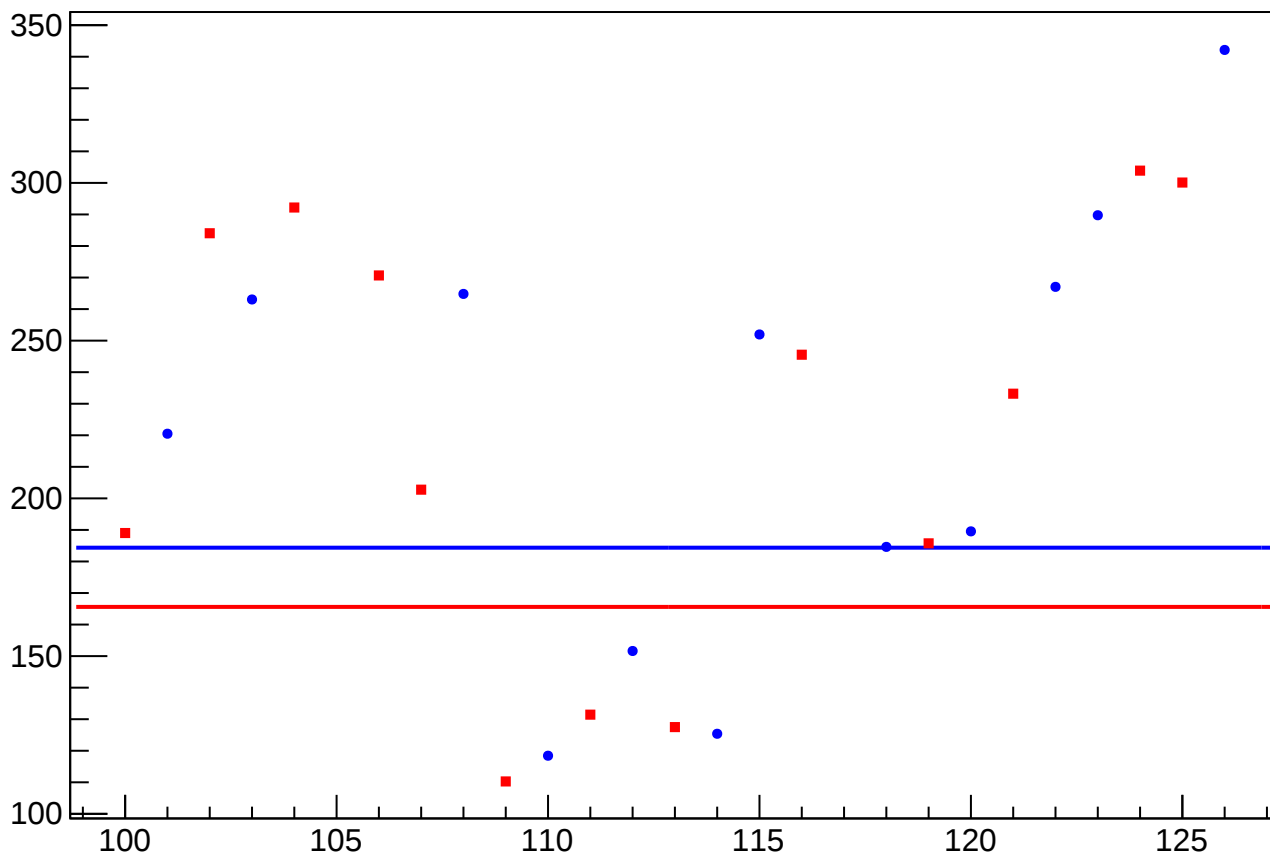
Right: 54.560+/-62.500 χ^2/NDF : 6.7/24

In: 92.956+/-95.146 χ^2/NDF : 2.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.560+/-62.500 χ^2/NDF : 6.7/24

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 184.371+/-0.067 χ^2/NDF : 755590.0/11

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

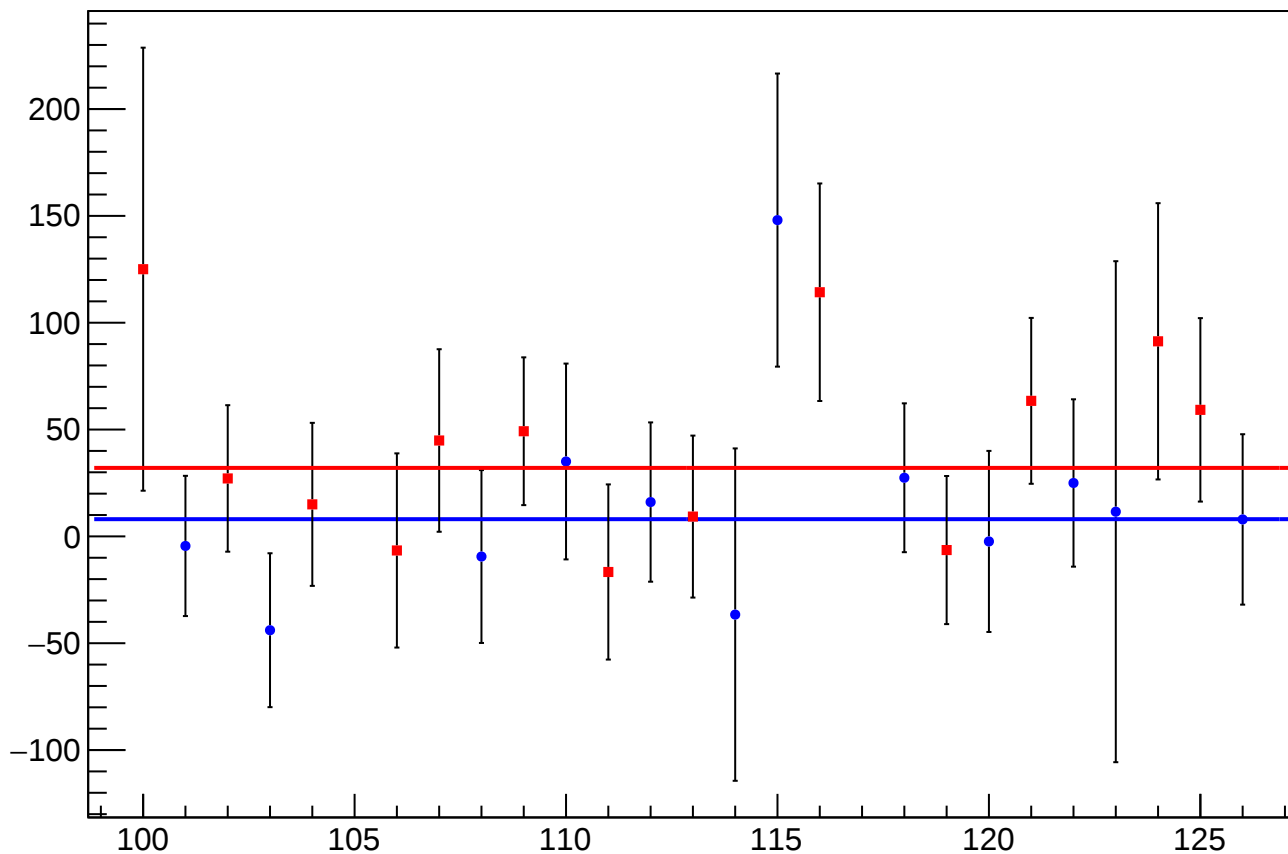
Right: 173.699+/-0.044 χ^2/NDF : 1945085.7/24

In: 184.371+/-0.067 χ^2/NDF :755590.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 173.699+/-0.044 χ^2/NDF : 1945085.7/24

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 8.055+/-12.292 χ^2/NDF : 7.9/11

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

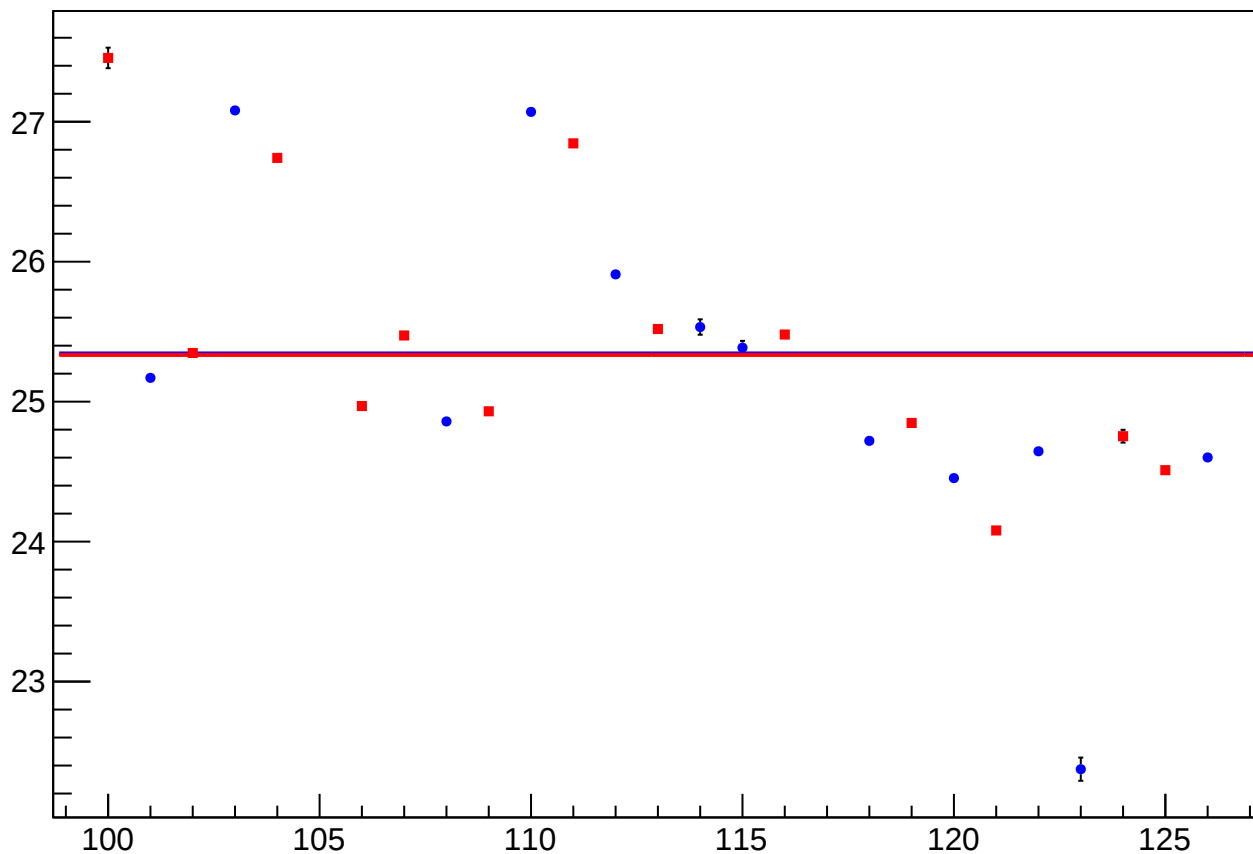
Right: 20.766+/-8.429 χ^2/NDF : 19.5/24

In: 8.055+/-12.292 χ^2/NDF : 7.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.766+/-8.429 χ^2/NDF : 19.5/24

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.344+/-0.009 χ^2/NDF : 12445.1/11

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

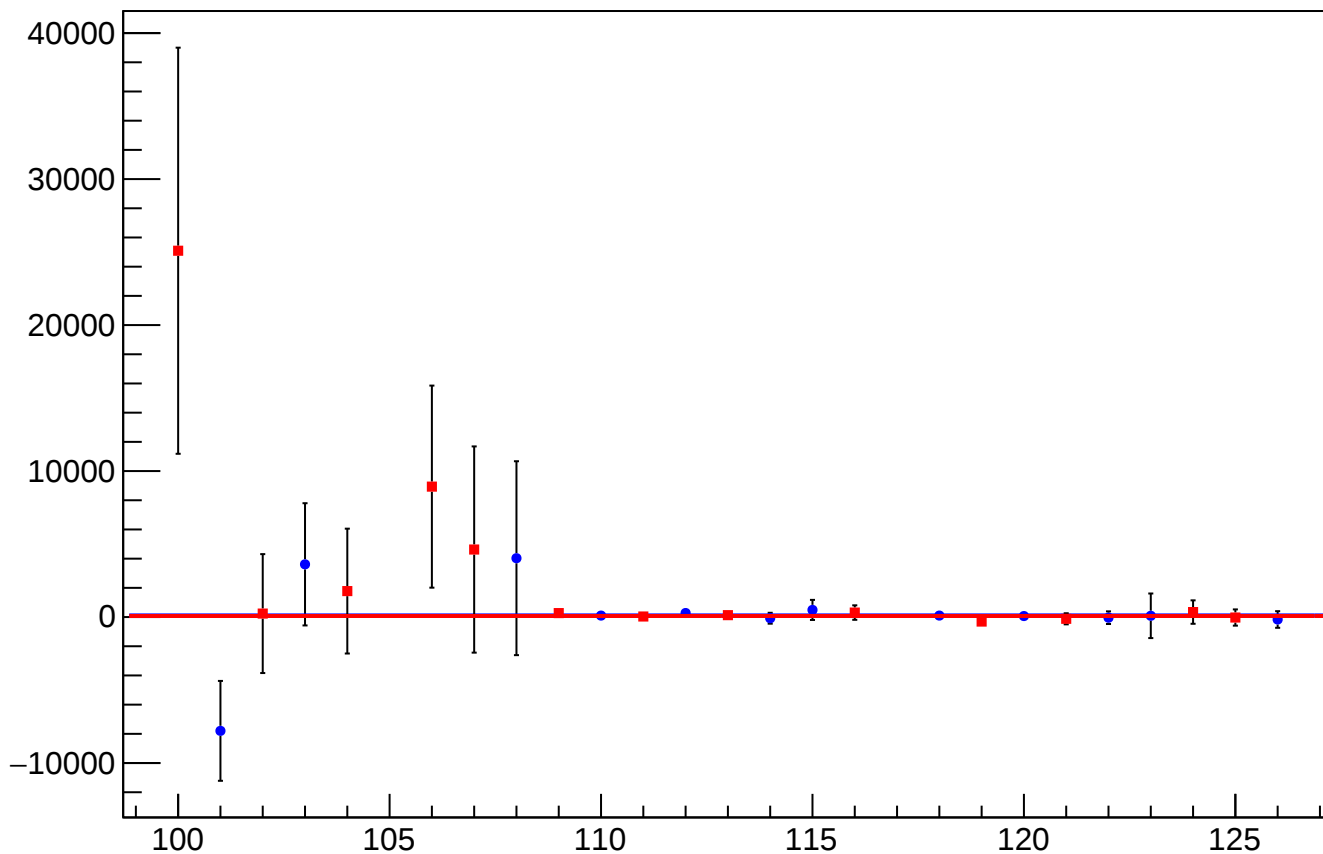
Right: 25.339+/-0.006 χ^2/NDF : 22591.1/24

In: 25.344+/-0.009 χ^2/NDF : 12445.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.339+/-0.006 χ^2/NDF : 22591.1/24

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 111.113+/-107.439 χ^2/NDF : 7.9/11

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

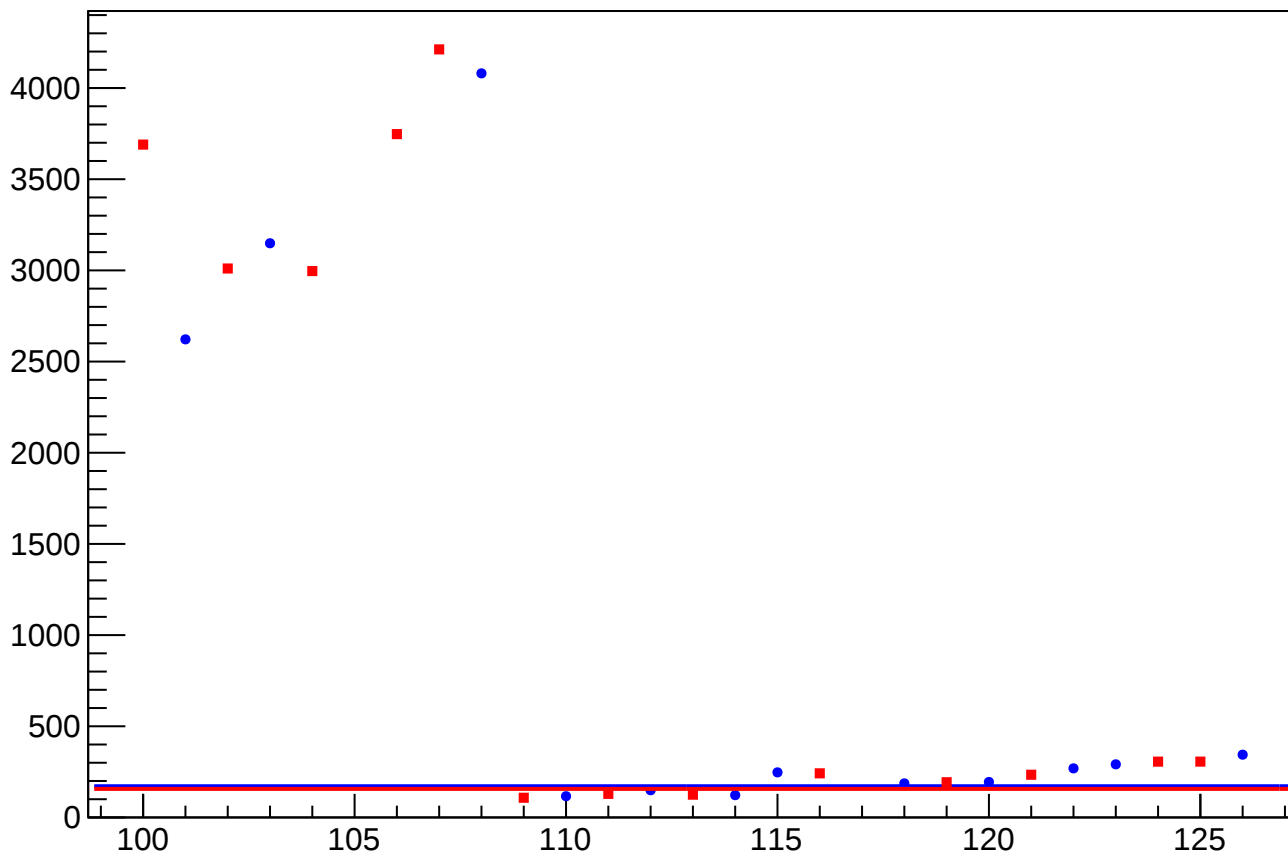
Right: 90.294+/-72.554 χ^2/NDF : 17.0/24

In: 111.113+/-107.439 χ^2/NDF : 7.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.294+/-72.554 χ^2/NDF : 17.0/24

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 171.156+/-0.076 χ^2/NDF : 3274481.8/11

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

Right Out: 156.642+/-0.070 χ^2/NDF : 3777399.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

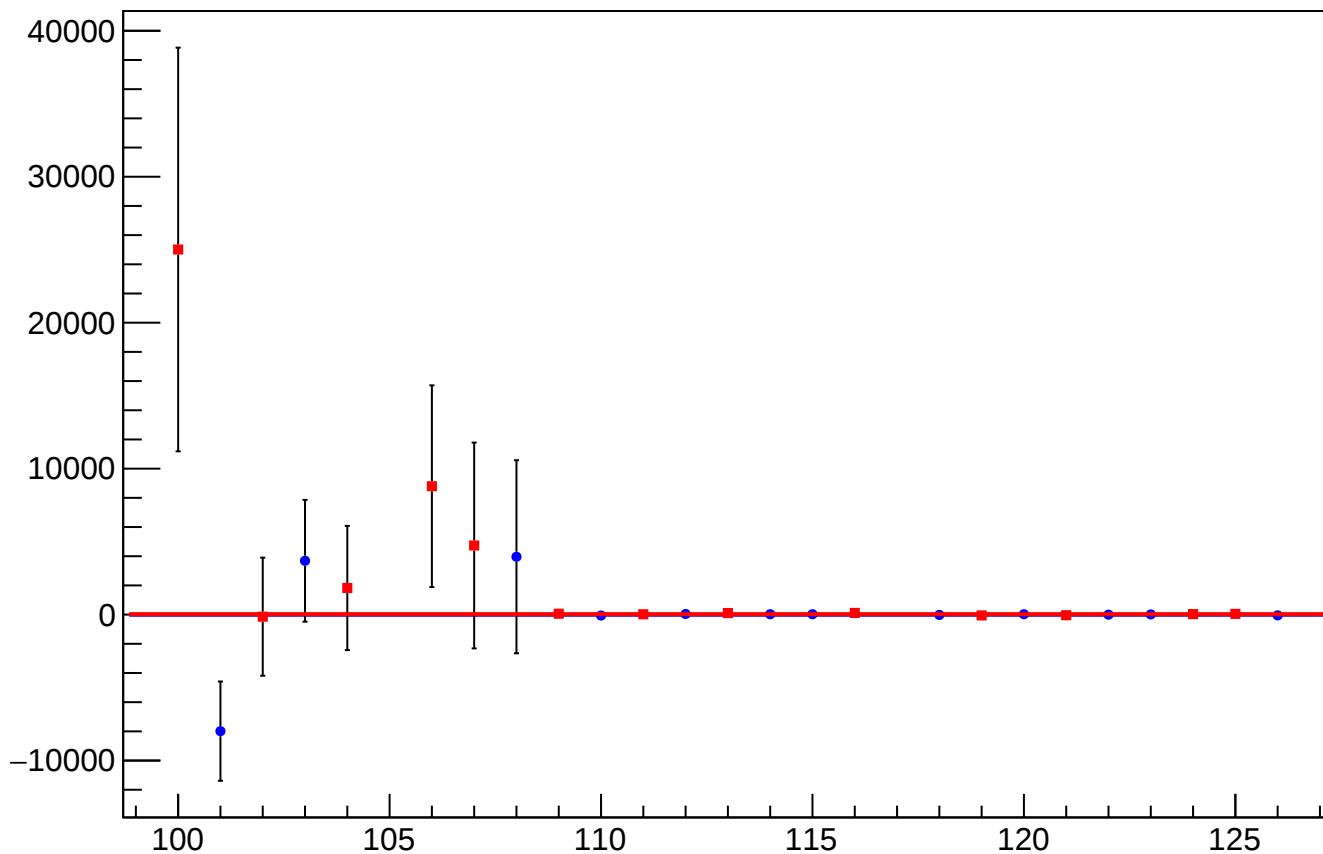
Right: 163.261+/-0.051 χ^2/NDF : 7071737.4/24

In: 171.156+/-0.076 χ^2/NDF : 3274481.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.261+/-0.051 χ^2/NDF : 7071737.4/24

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.060+/-16.515 χ^2/NDF : 11.9/11

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

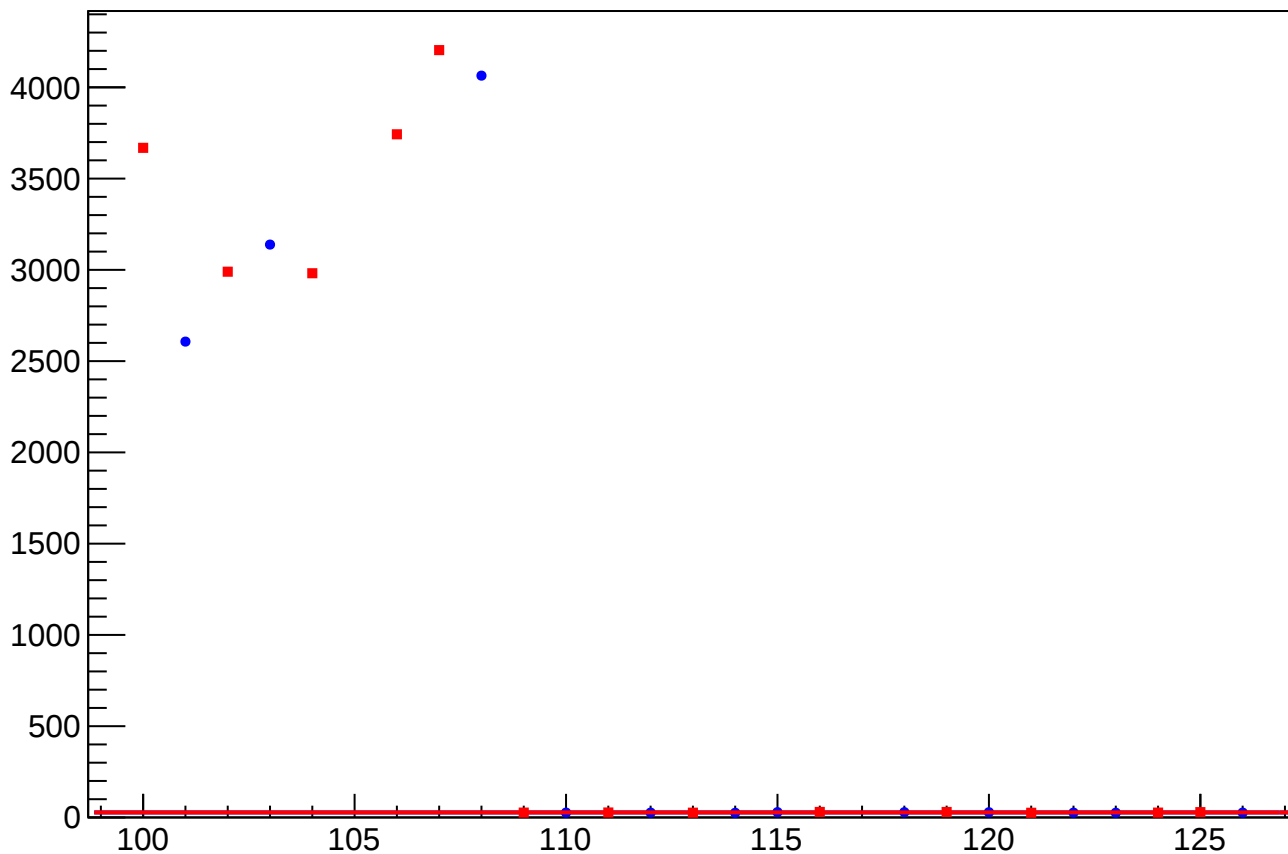
Right: 11.047+/-11.710 χ^2/NDF : 33.2/24

In: -7.060+/-16.515 χ^2/NDF : 11.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.047+/-11.710 χ^2/NDF : 33.2/24

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.418+/-0.012 χ^2/NDF : 3016743.7/11

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

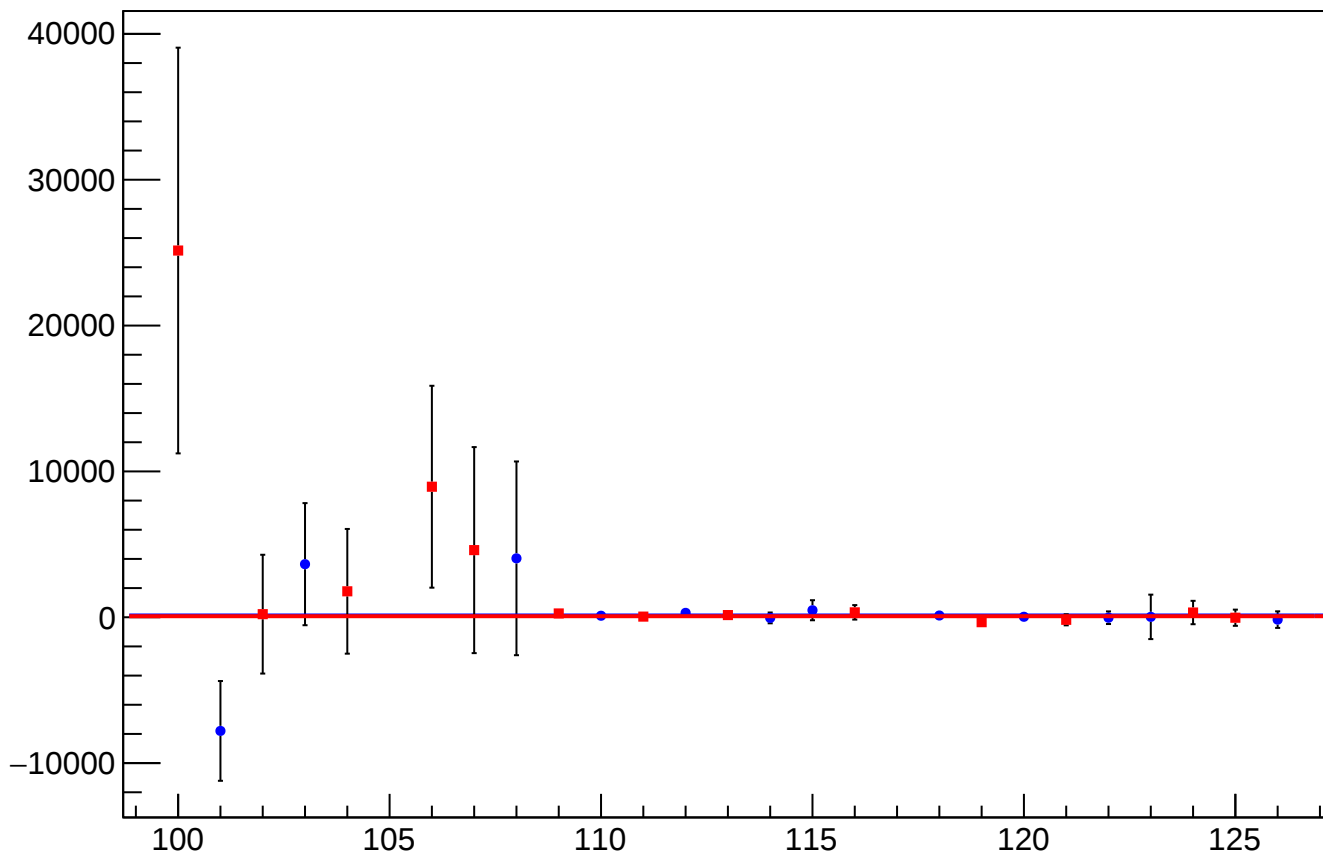
Right: 27.553+/-0.008 χ^2/NDF : 6492491.7/24

In: 27.418+/-0.012 χ^2/NDF : 3016743.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.553+/-0.008 χ^2/NDF : 6492491.7/24

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 121.356+/-107.013 χ^2/NDF : 8.0/11

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

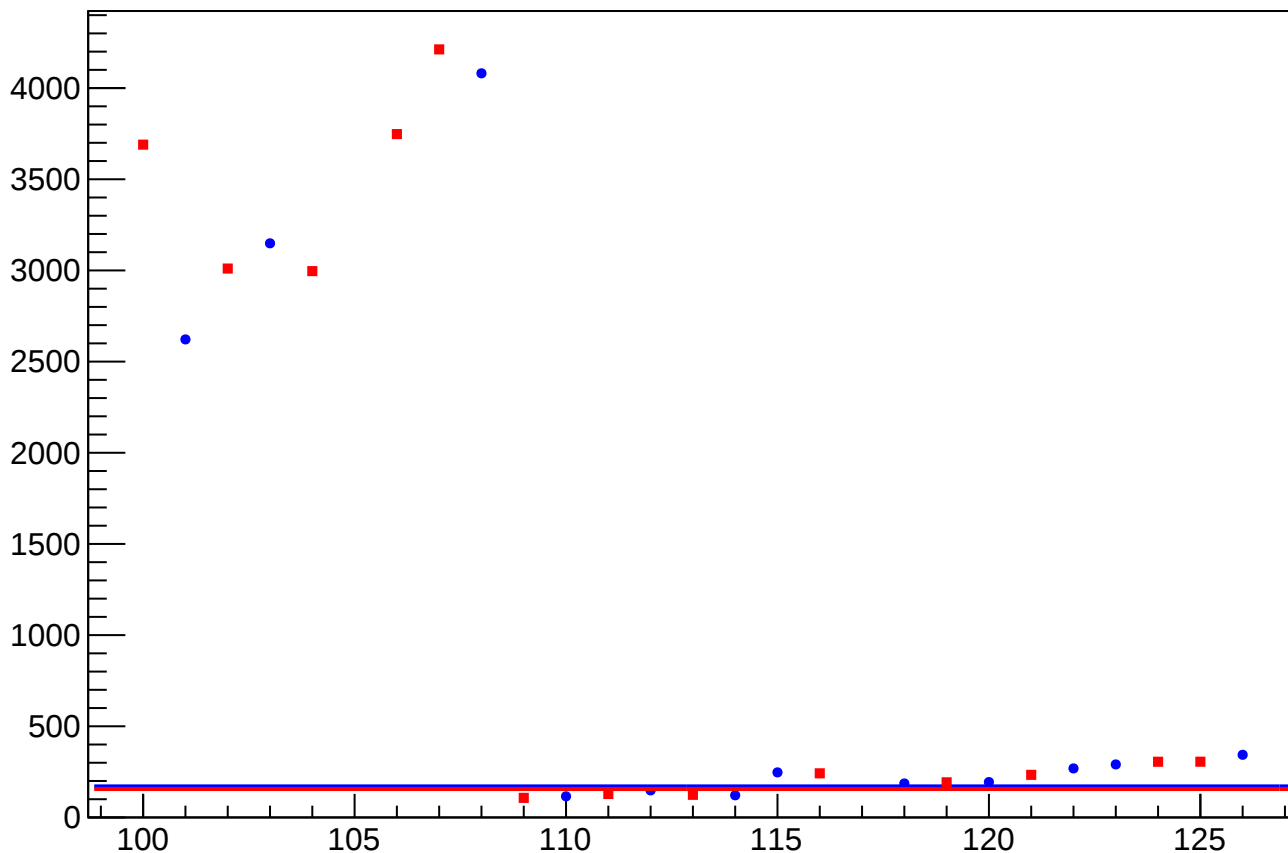
Right: 94.215+/-72.251 χ^2/NDF : 17.7/24

In: 121.356+/-107.013 χ^2/NDF : 8.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.215+/-72.251 χ^2/NDF : 17.7/24

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 170.370+/-0.076 χ^2/NDF : 3280875.4/11

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

Right Out: 155.844+/-0.069 χ^2/NDF : 3784397.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

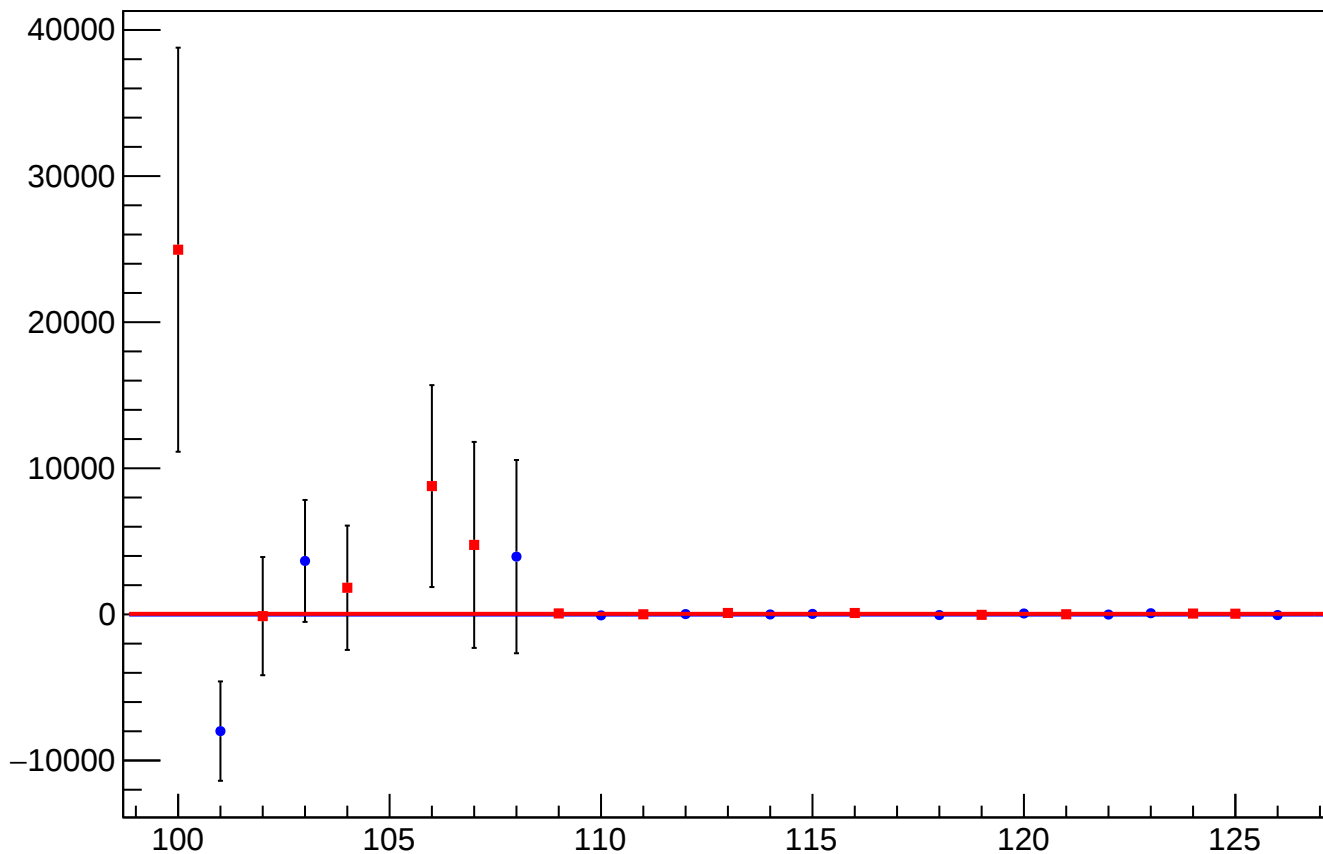
Right: 162.466+/-0.051 χ^2/NDF : 7085325.6/24

In: 170.370+/-0.076 χ^2/NDF : 3280875.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.466+/-0.051 χ^2/NDF : 7085325.6/24

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -11.215+/-16.620 χ^2/NDF : 13.1/11

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

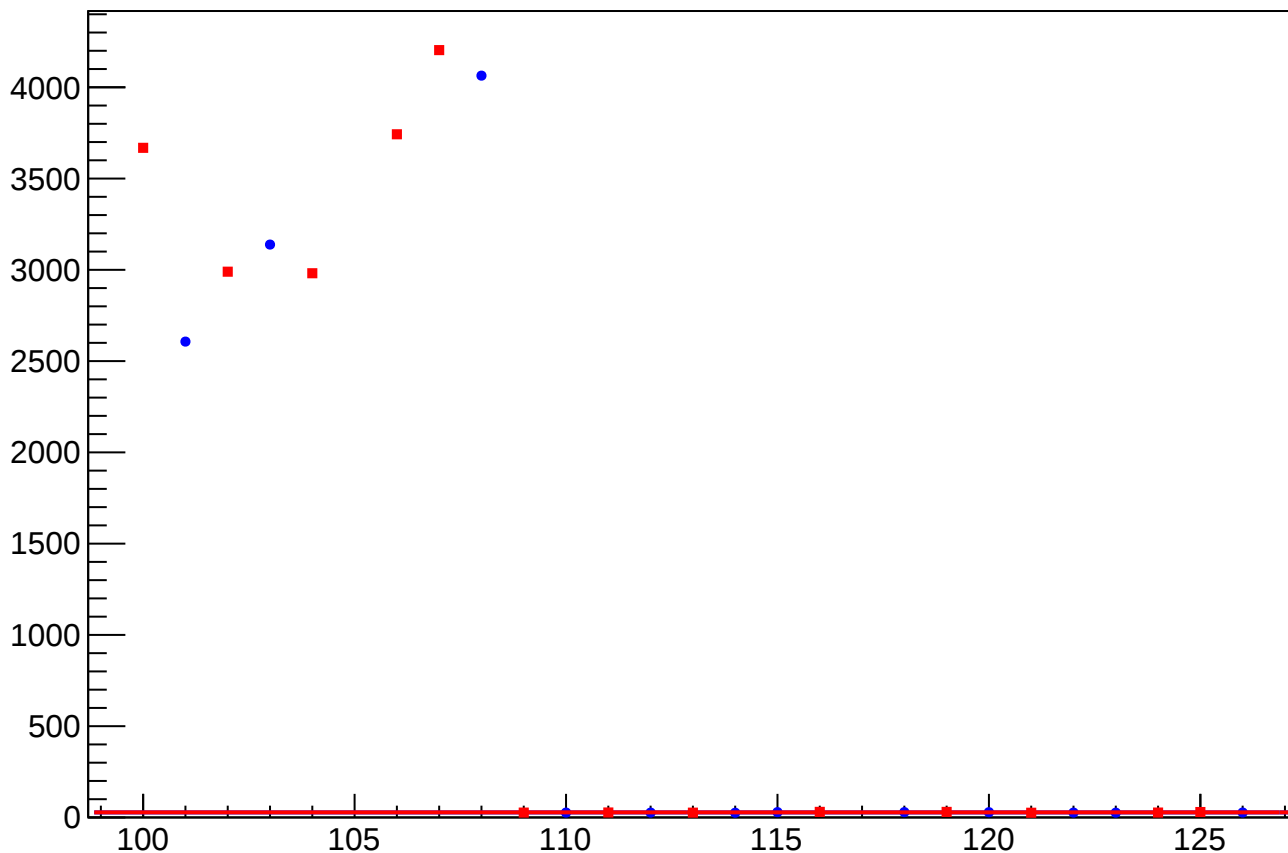
Right: 13.301+/-11.793 χ^2/NDF : 30.2/24

In: -11.215+/-16.620 χ^2/NDF : 13.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.301+/-11.793 χ^2/NDF : 30.2/24

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.589+/-0.012 χ^2/NDF : 3016933.3/11

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

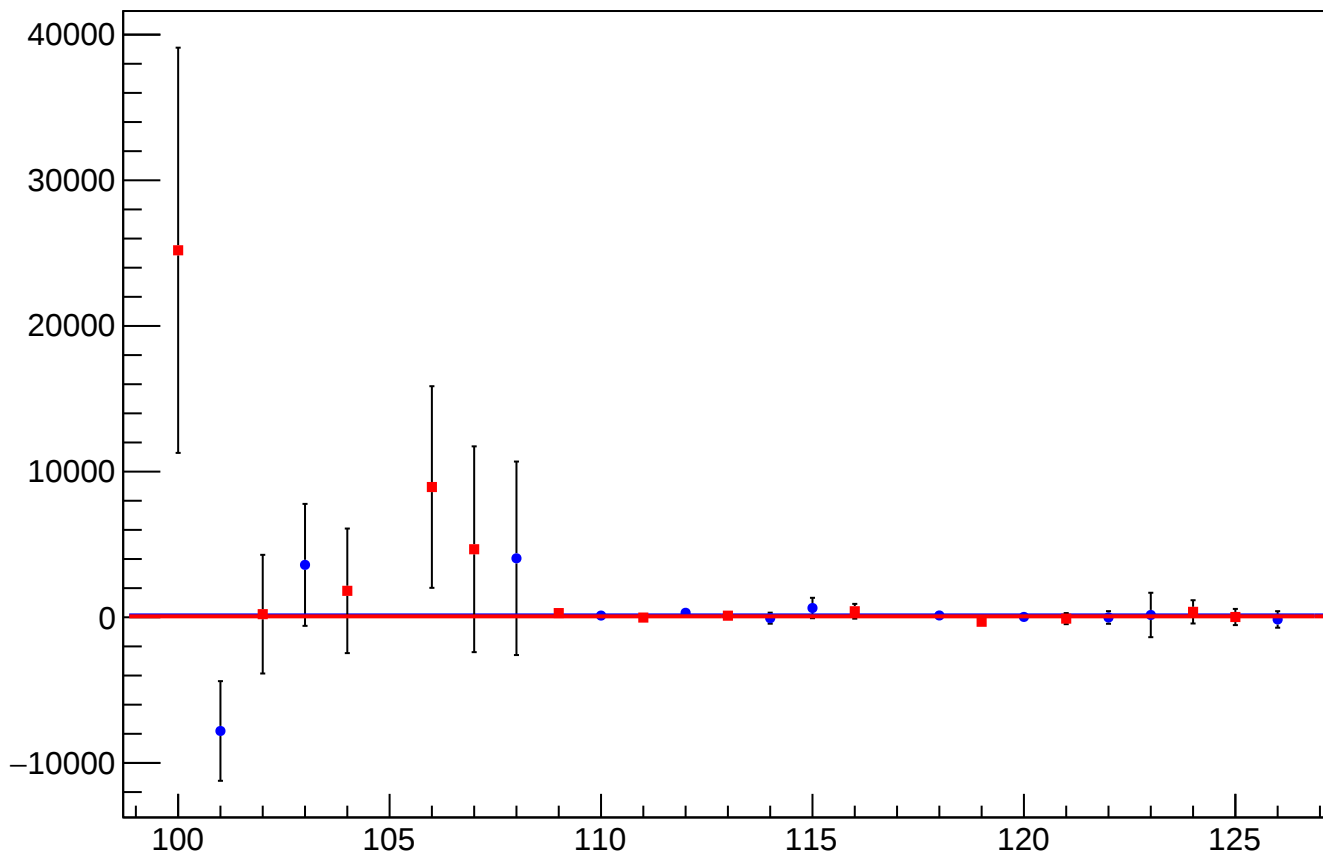
Right: 27.742+/-0.008 χ^2/NDF : 6495497.5/24

In: 27.589+/-0.012 χ^2/NDF : 3016933.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.742+/-0.008 χ^2/NDF : 6495497.5/24

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 129.685+/-108.452 χ^2/NDF : 8.3/11

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

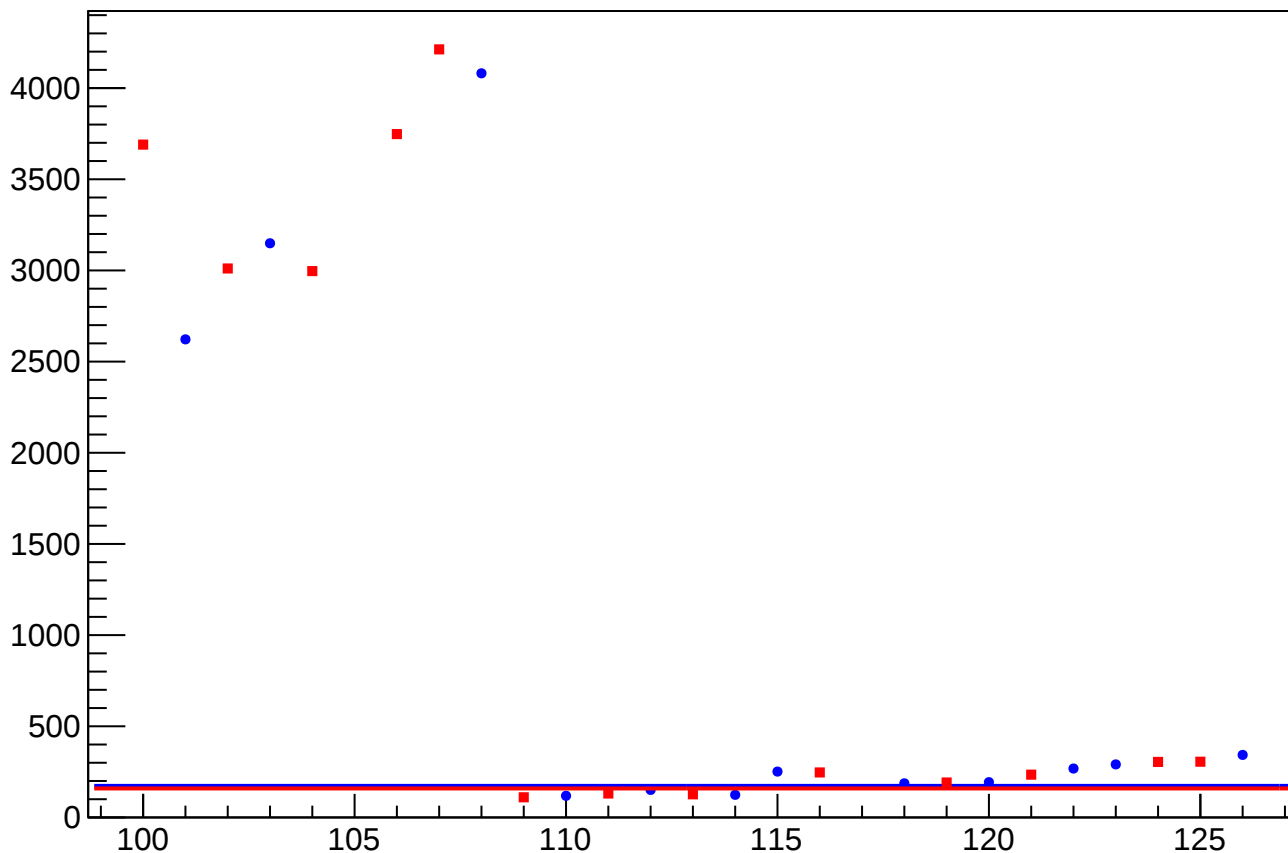
Right: 93.384+/-73.330 χ^2/NDF : 18.0/24

In: 129.685+/-108.452 χ^2/NDF : 8.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.384+/-73.330 χ^2/NDF : 18.0/24

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 173.166+/-0.077 χ^2/NDF : 3248233.0/11

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

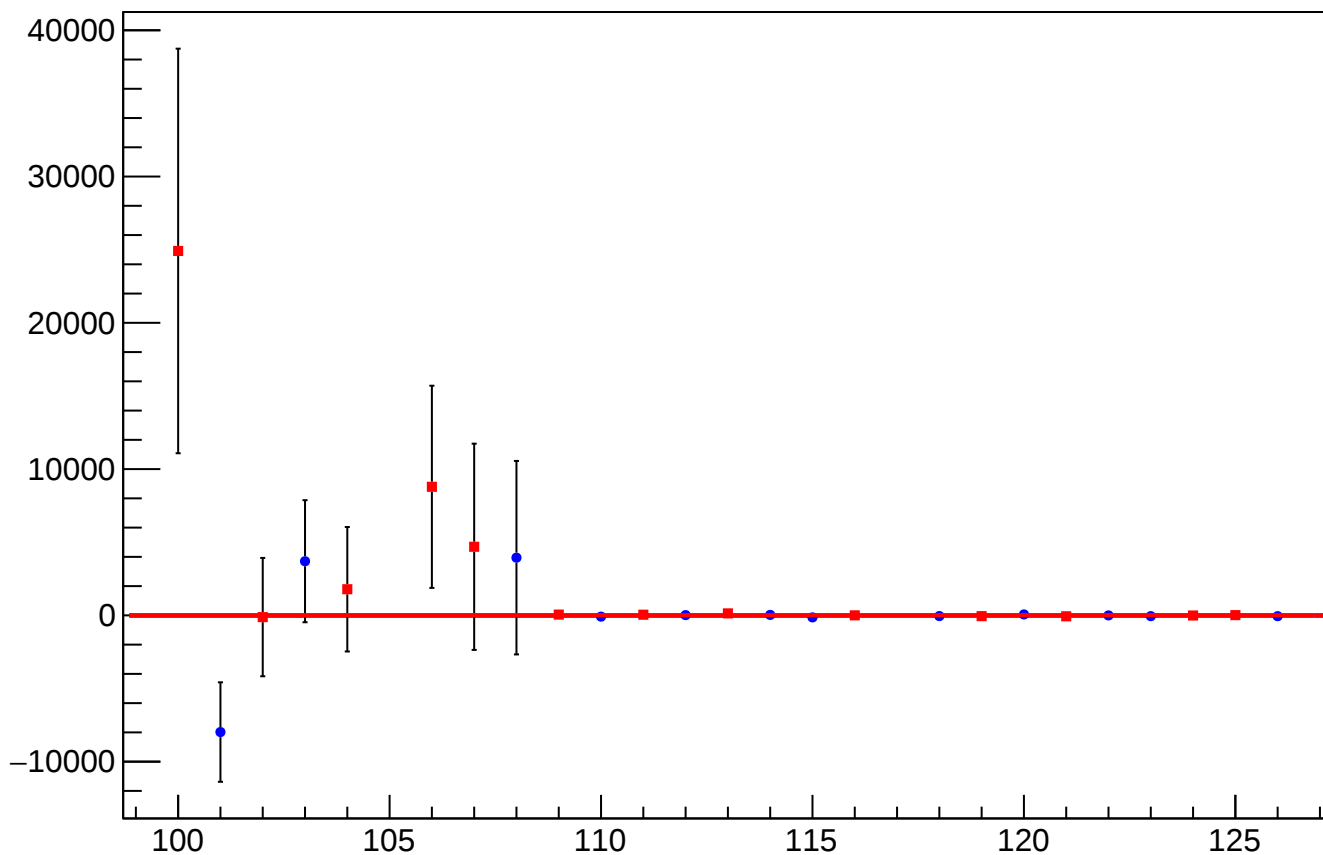
Right: 165.469+/-0.052 χ^2/NDF : 7016752.3/24

In: 173.166+/-0.077 χ^2/NDF :3248233.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 165.469+/-0.052 χ^2/NDF : 7016752.3/24

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -23.208 $\pm$ 20.271 χ^2 /NDF: 13.4/11

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

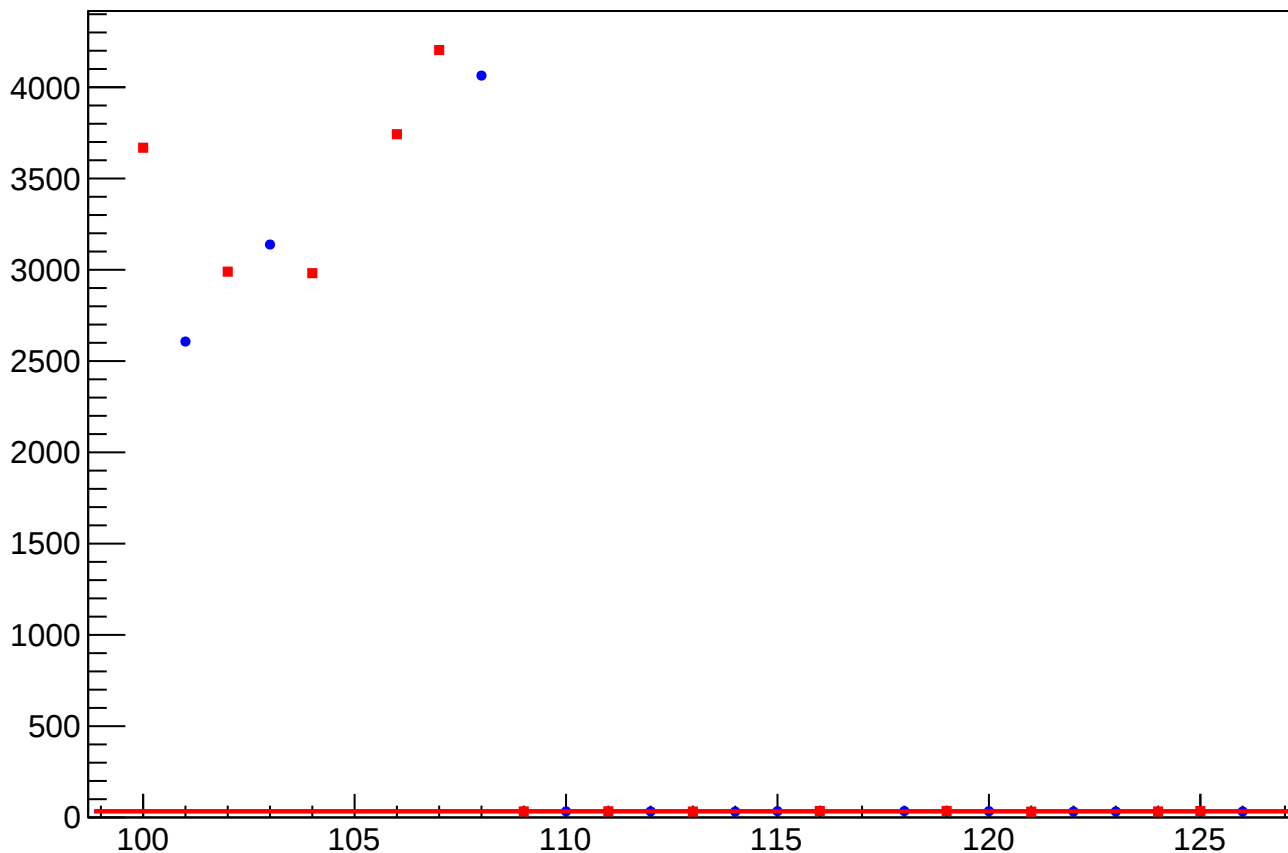
Right: -1.985 $\pm$ 14.334 χ^2 /NDF: 32.3/24

In: -23.208 $\pm$ 20.271 χ^2 /NDF:13.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.985 $\pm$ 14.334 χ^2 /NDF: 32.3/24

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 33.670+/-0.014 χ^2/NDF : 2998677.9/11

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

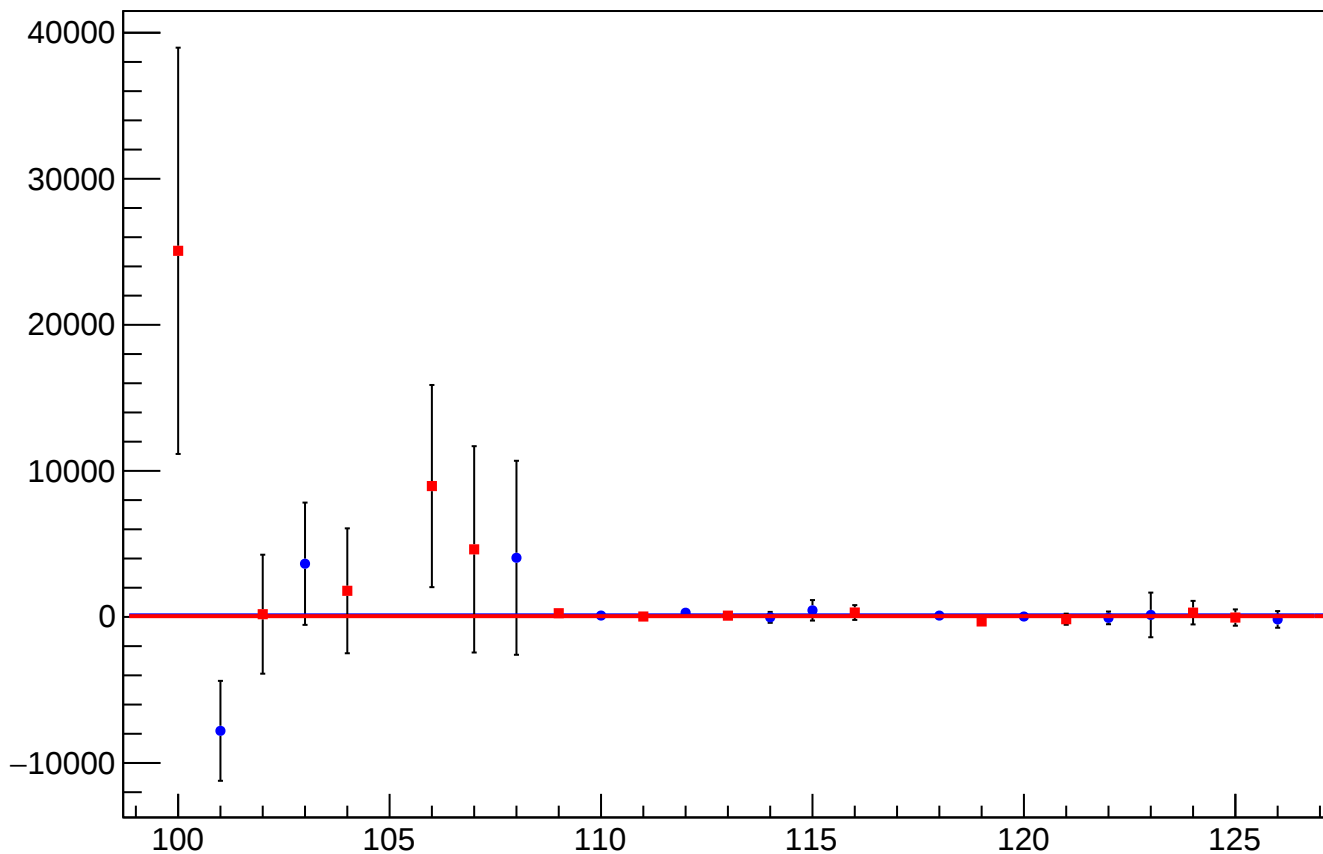
Right: 33.782+/-0.010 χ^2/NDF : 6449594.6/24

In: 33.670+/-0.014 χ^2/NDF : 2998677.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.782+/-0.010 χ^2/NDF : 6449594.6/24

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 109.363+/-107.846 χ^2/NDF : 7.9/11

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

Right Out: 52.181+/-98.778 χ^2/NDF : 8.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

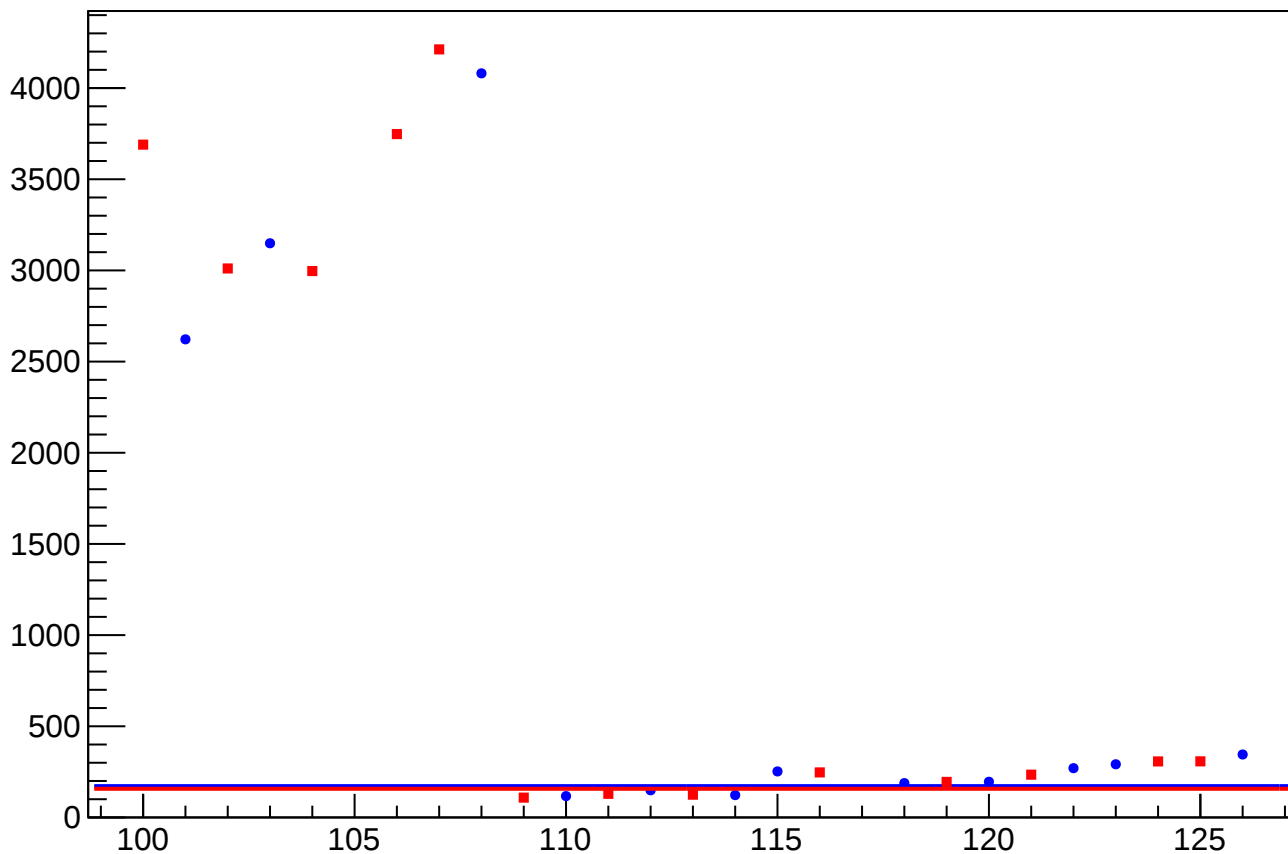
Right: 78.267+/-72.842 χ^2/NDF : 16.9/24

In: 109.363+/-107.846 χ^2/NDF : 7.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.267+/-72.842 χ^2/NDF : 16.9/24

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 171.782+/-0.076 χ^2/NDF : 3277081.7/11

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

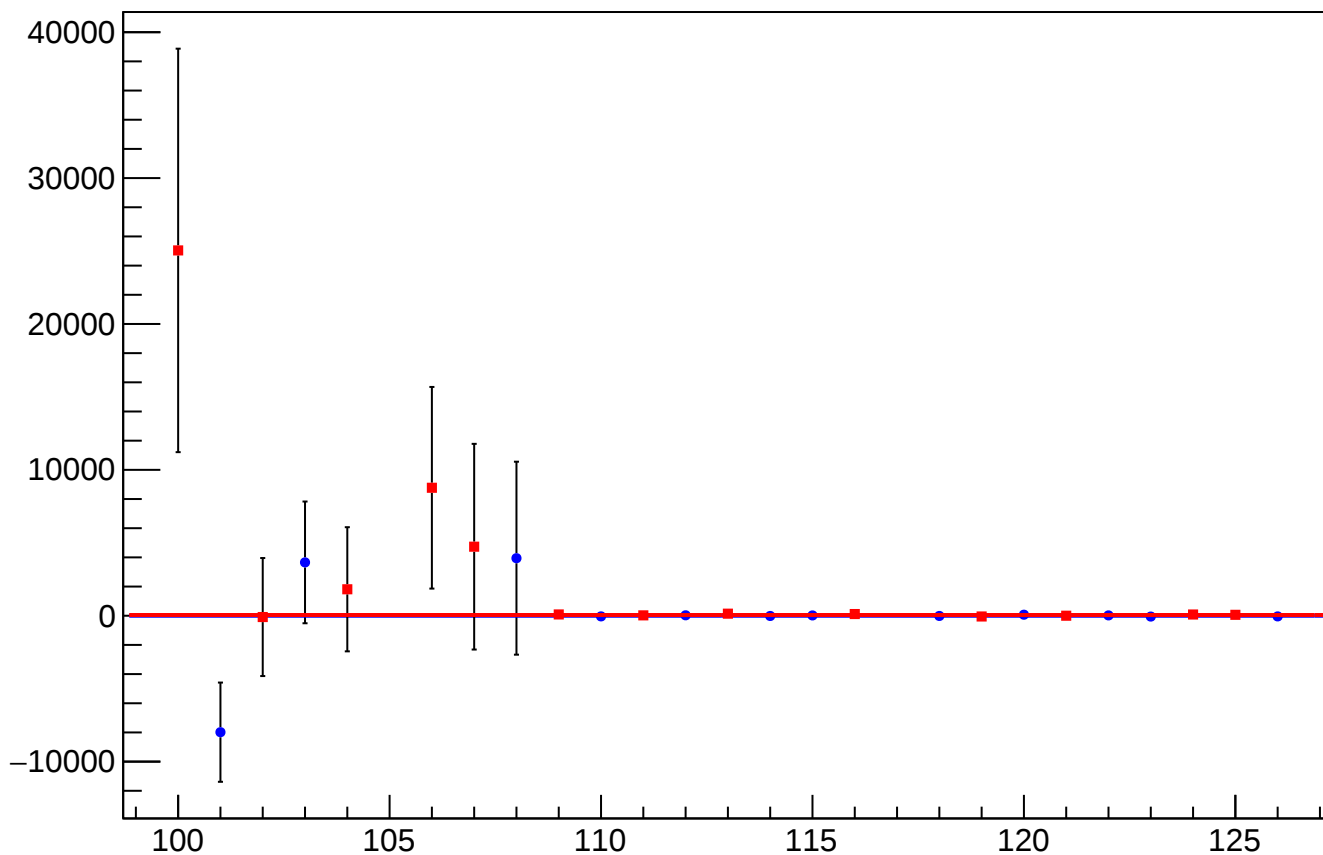
Right: 163.884+/-0.052 χ^2/NDF : 7078904.0/24

In: 171.782+/-0.076 χ^2/NDF :3277081.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 163.884+/-0.052 χ^2/NDF : 7078904.0/24

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.201+/-18.537 χ^2/NDF : 11.0/11

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

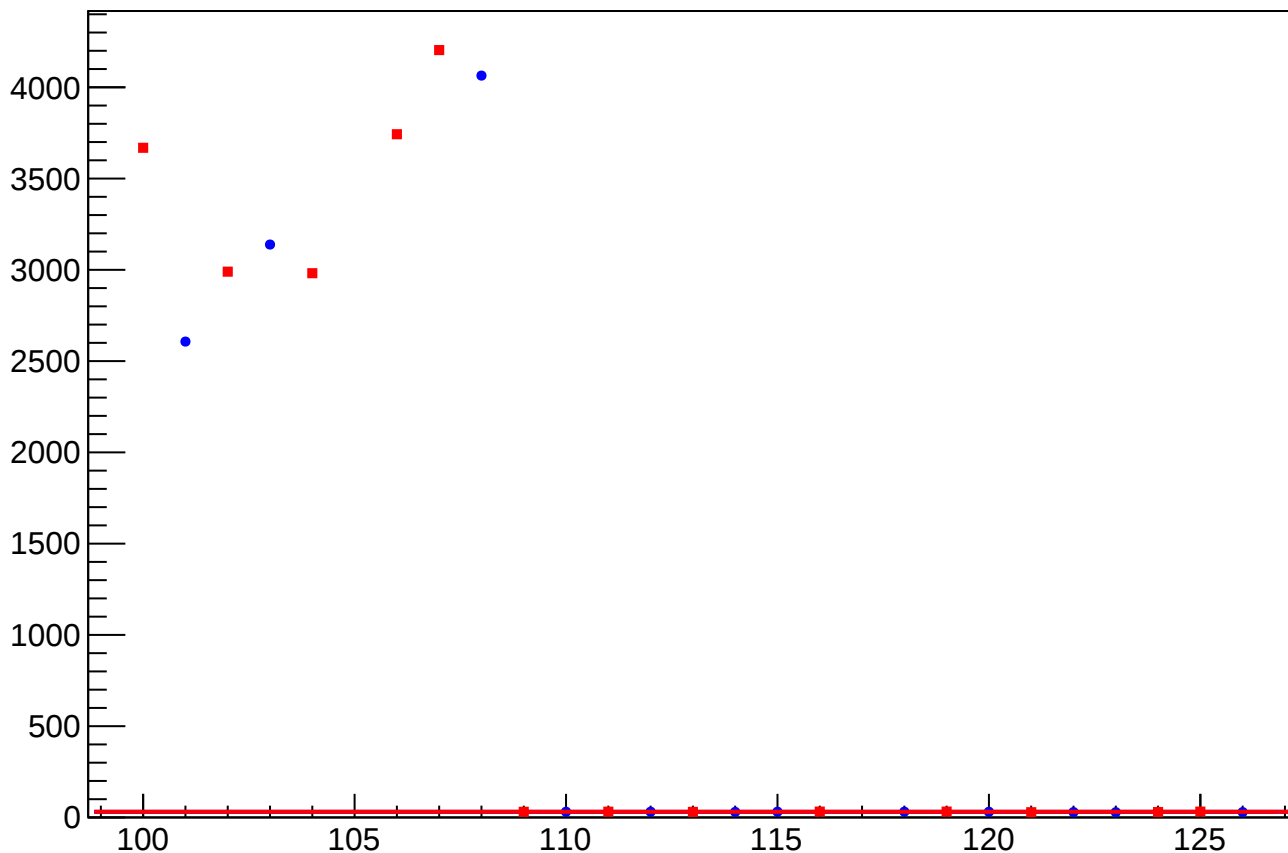
Right: 24.998+/-13.143 χ^2/NDF : 32.1/24

In: 1.201+/-18.537 χ^2/NDF : 11.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.998+/-13.143 χ^2/NDF : 32.1/24

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 30.812 $\pm$ 0.013 χ^2 /NDF: 3005662.0/11

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

Right Out: 31.143 $\pm$ 0.013 χ^2 /NDF: 3456046.8/12

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

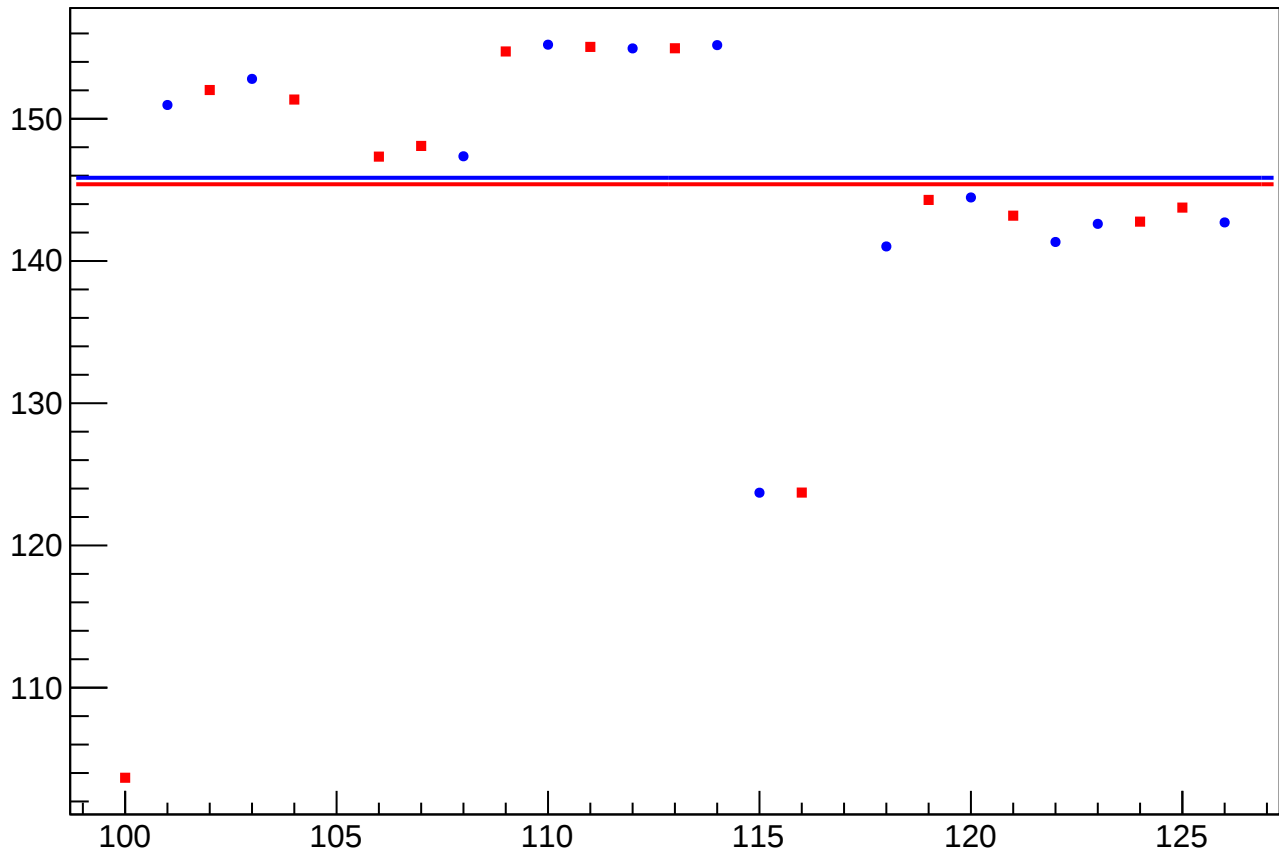
Right: 30.977 $\pm$ 0.009 χ^2 /NDF: 6462024.8/24

In: 30.812 $\pm$ 0.013 χ^2 /NDF:3005662.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

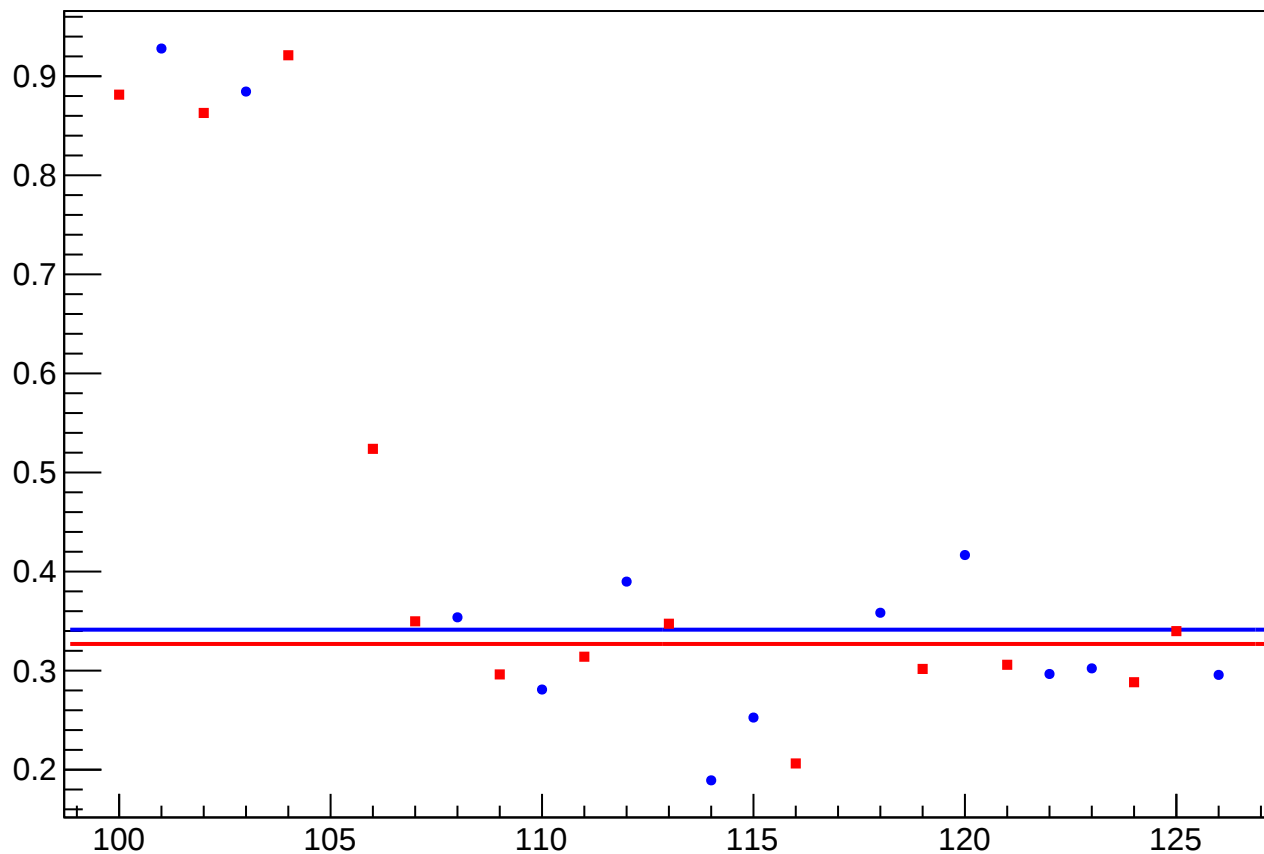
All: 30.977 $\pm$ 0.009 χ^2 /NDF: 6462024.8/24

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 145.852 $\pm$ 0.000 χ^2 /NDF: 1993989509.0/11
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 145.396 $\pm$ 0.000 χ^2 /NDF: 3884493419.3/12
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 145.602 $\pm$ 0.000 χ^2 /NDF: 5881762651.2/24
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 145.602 $\pm$ 0.000 χ^2 /NDF: 5881762651.2/24
 In: 145.852 $\pm$ 0.000 χ^2 /NDF:1993989509.0/11
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.341+/-0.000 χ^2/NDF : 1116452.1/11

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

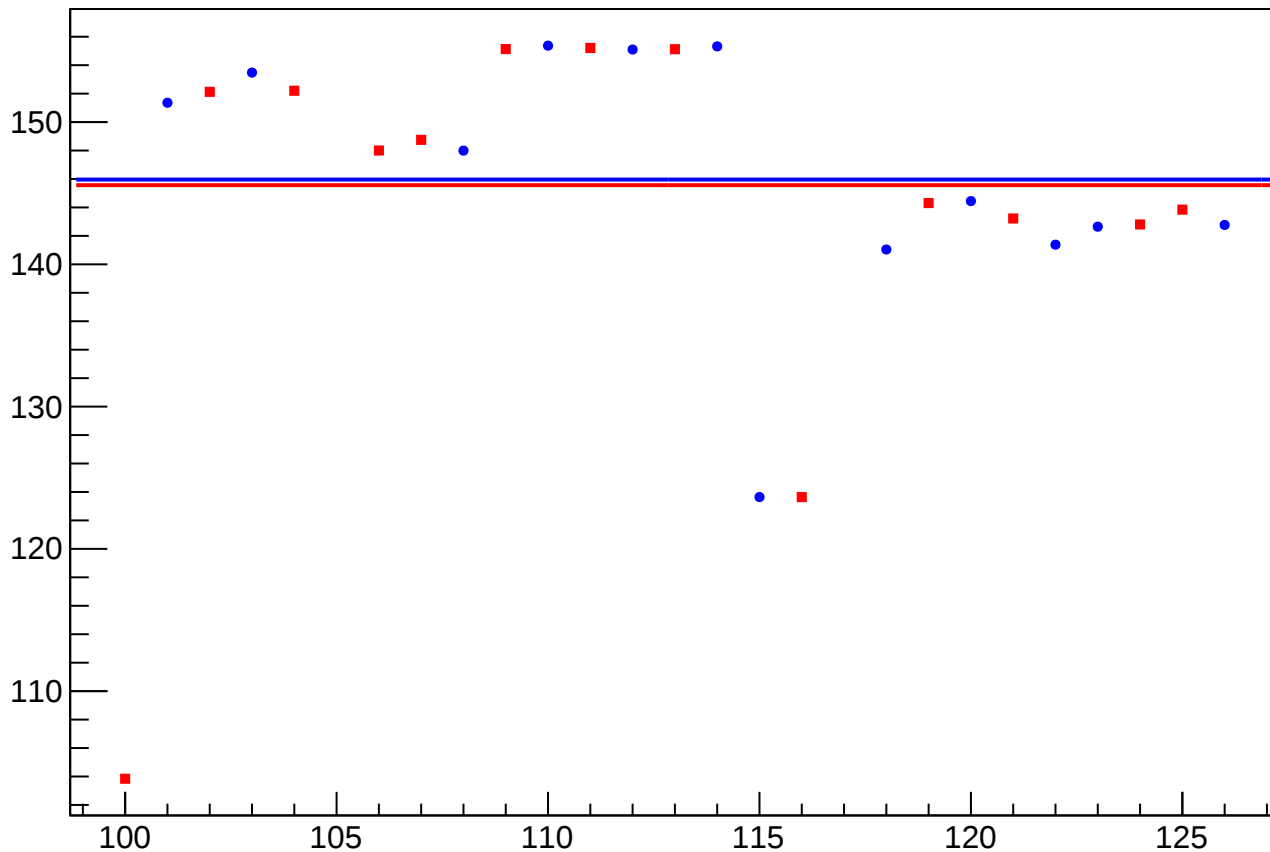
Right: 0.333+/-0.000 χ^2/NDF : 2239058.8/24

In: 0.341+/-0.000 χ^2/NDF : 1116452.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

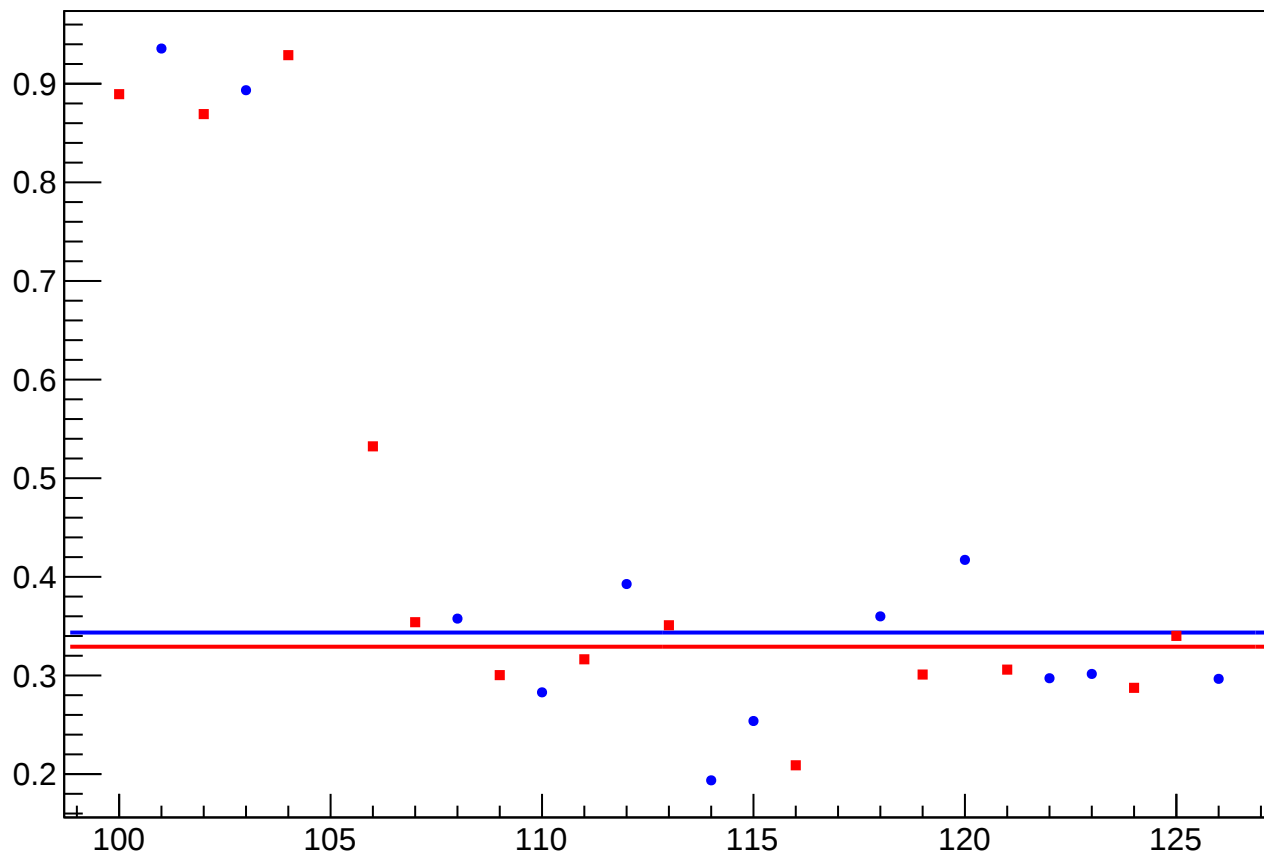
All: 0.333+/-0.000 χ^2/NDF : 2239058.8/24

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 145.958 $\pm$ 0.000 χ^2 /NDF: 2009336147.2/11
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 145.565 $\pm$ 0.000 χ^2 /NDF: 3897246882.5/12
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 145.743 $\pm$ 0.000 χ^2 /NDF: 5908993940.3/24
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 145.743 $\pm$ 0.000 χ^2 /NDF: 5908993940.3/24
 In: 145.958 $\pm$ 0.000 χ^2 /NDF: 2009336147.2/11
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.344+/-0.000 χ^2/NDF : 1114342.3/11

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

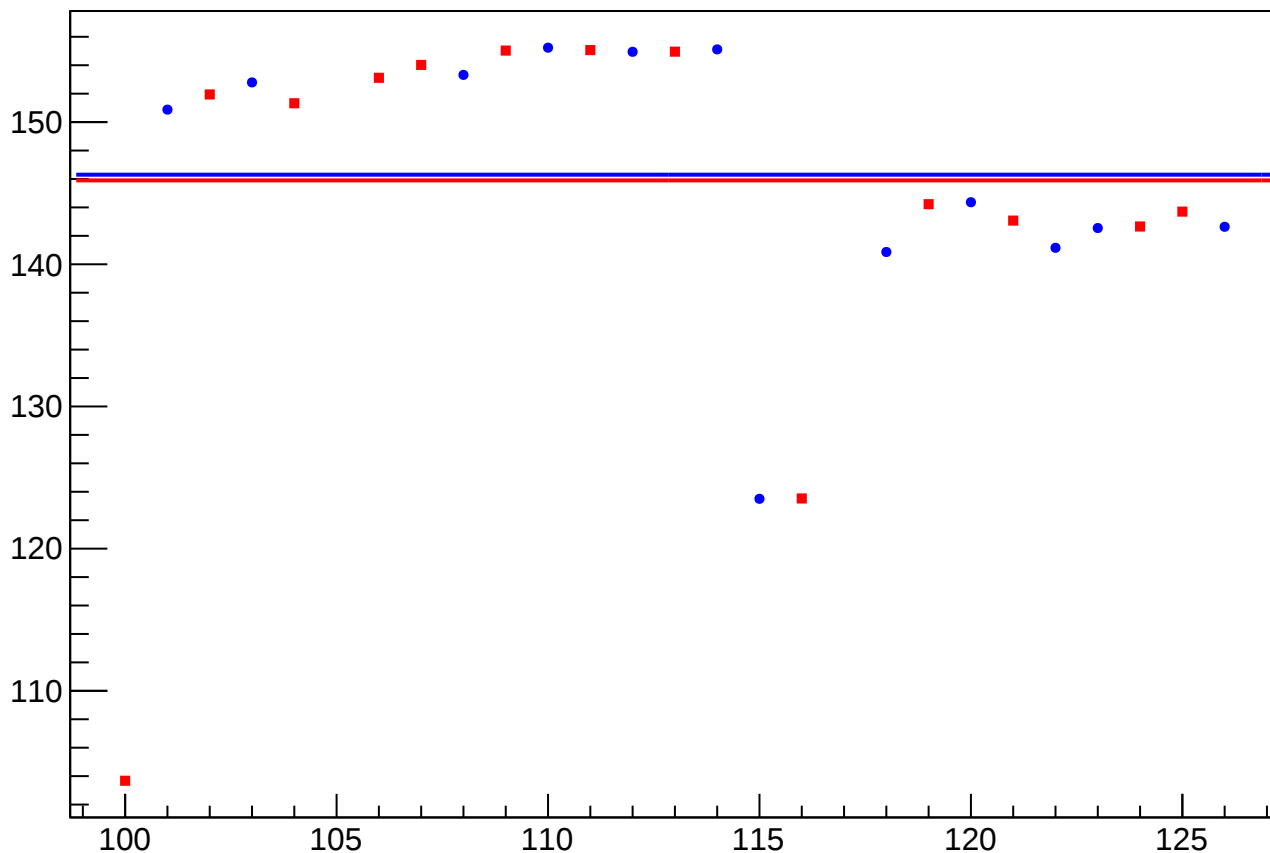
Right: 0.336+/-0.000 χ^2/NDF : 2238075.0/24

In: 0.344+/-0.000 χ^2/NDF : 1114342.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.336+/-0.000 χ^2/NDF : 2238075.0/24

yield_bcm_an_us_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right In: 146.302+/-0.000 χ^2/NDF : 2151272597.4/11

Right: 146.082+/-0.000 χ^2/NDF : 6281241378.1/24

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

Right Out: 145.901+/-0.000 χ^2/NDF : 4127460795.7/12

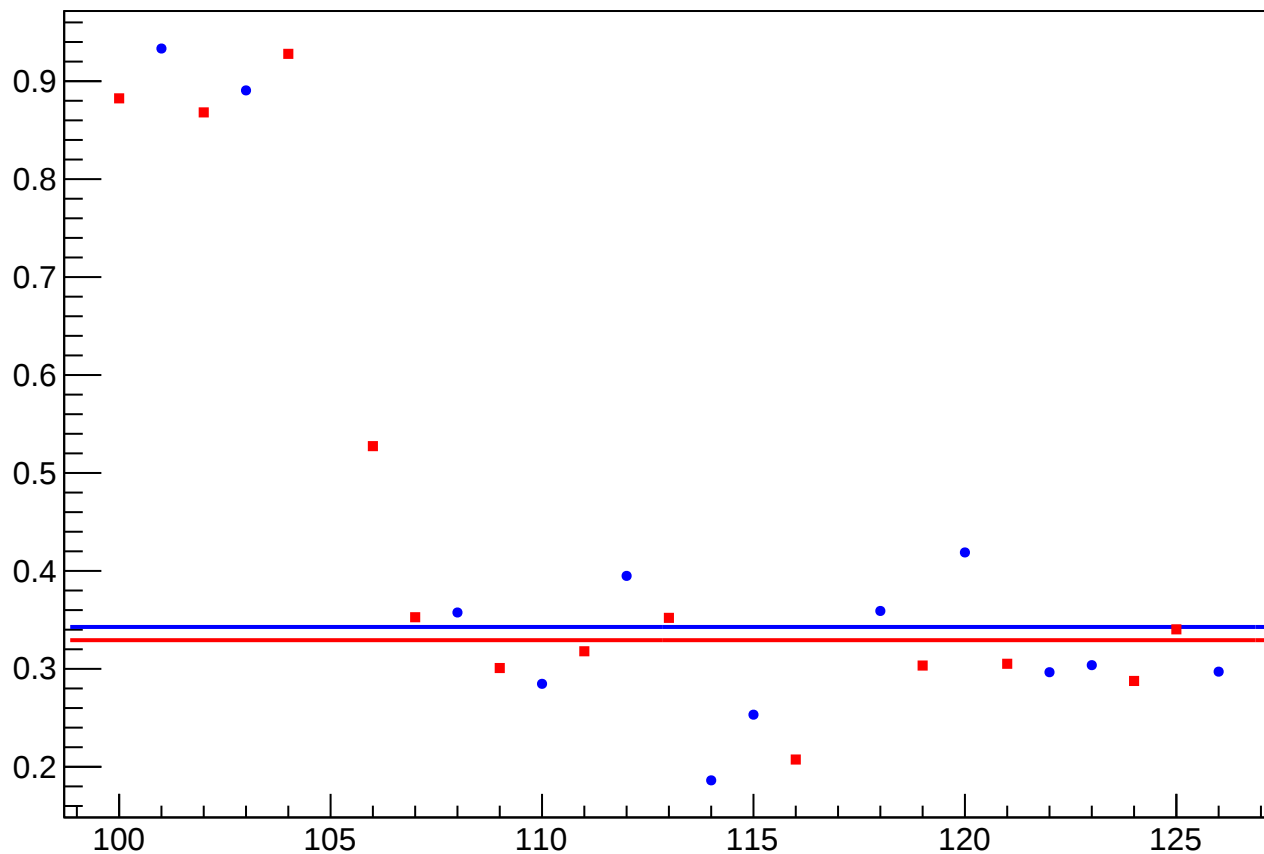
In: 146.302+/-0.000 χ^2/NDF : 2151272597.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

All: 146.082+/-0.000 χ^2/NDF : 6281241378.1

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.343+/-0.000 χ^2/NDF : 1127390.1/11

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

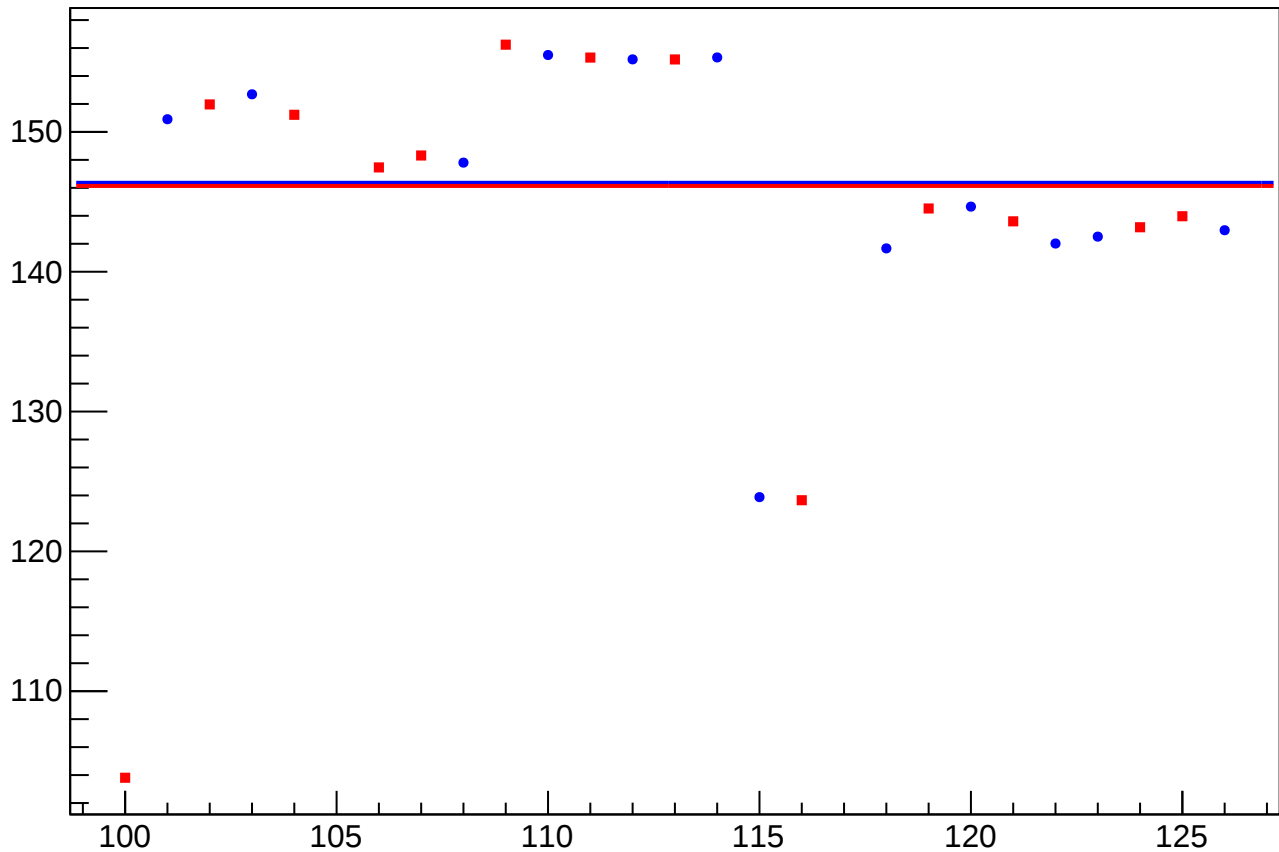
Right: 0.335+/-0.000 χ^2/NDF : 2250543.1/24

In: 0.343+/-0.000 χ^2/NDF : 1127390.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

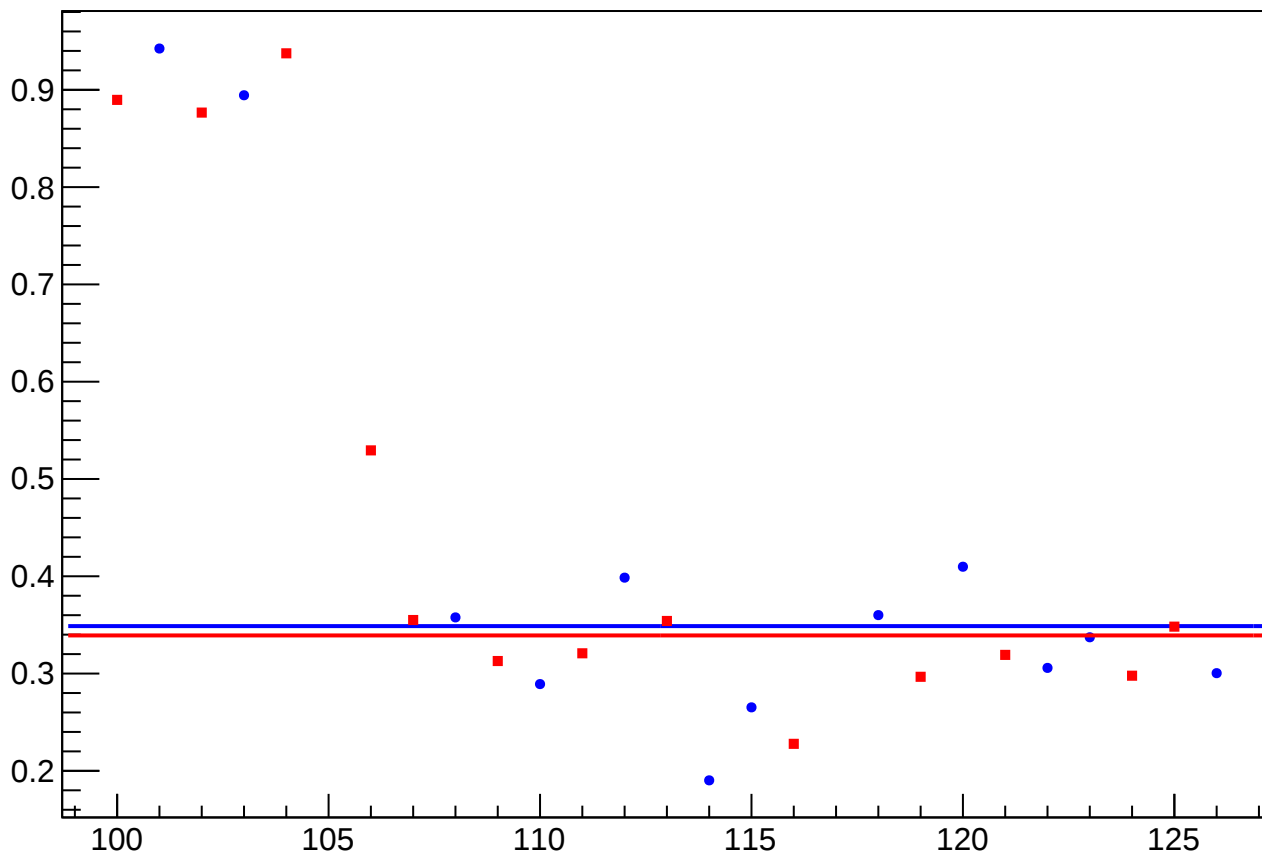
All: 0.335+/-0.000 χ^2/NDF : 2250543.1/24

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 146.361+/-0.000 χ^2/NDF : 1787631044.3/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 146.137+/-0.000 χ^2/NDF : 3544504217.5/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 146.239+/-0.000 χ^2/NDF : 5332887723.9

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.349+/-0.000 χ^2/NDF : 1095380.6/11

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

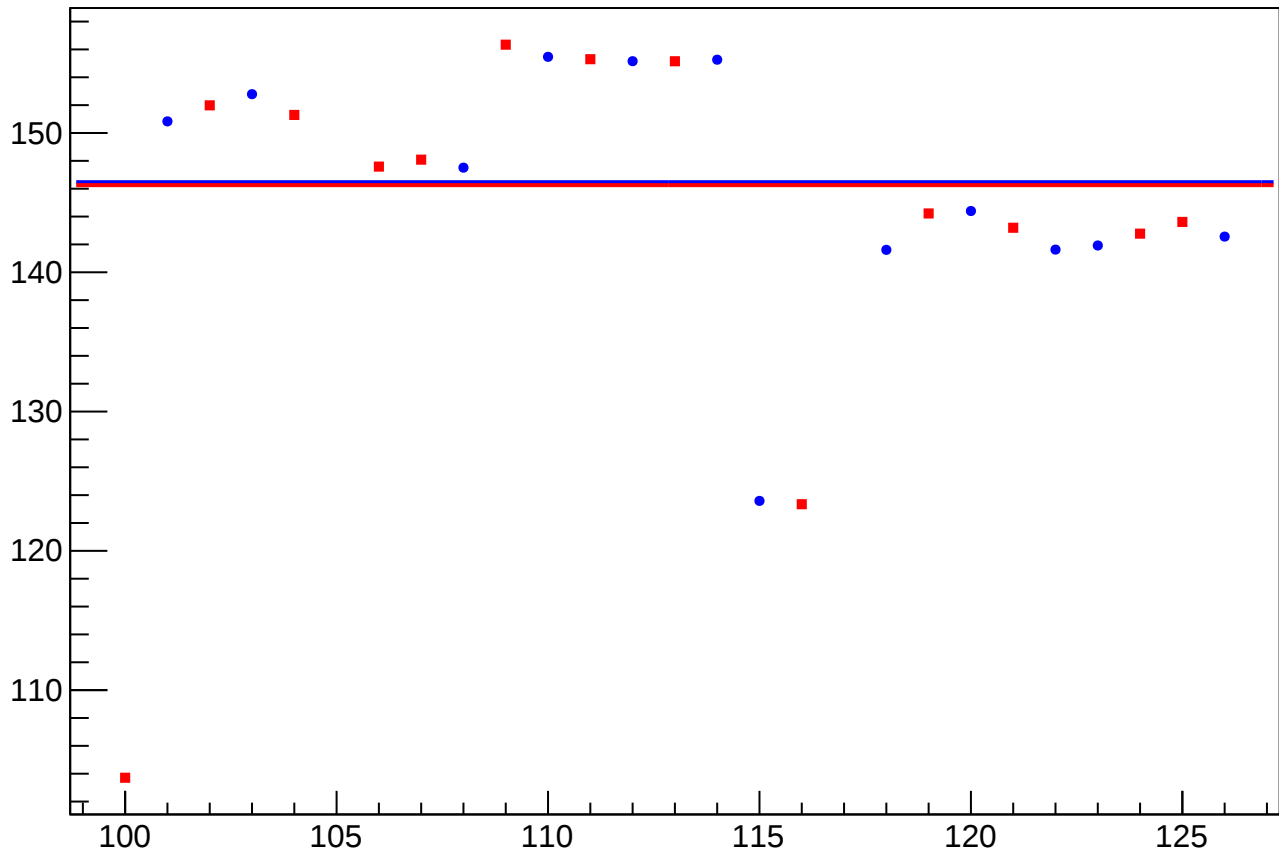
Right: 0.344+/-0.000 χ^2/NDF : 2149421.1/24

In: 0.349+/-0.000 χ^2/NDF : 1095380.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

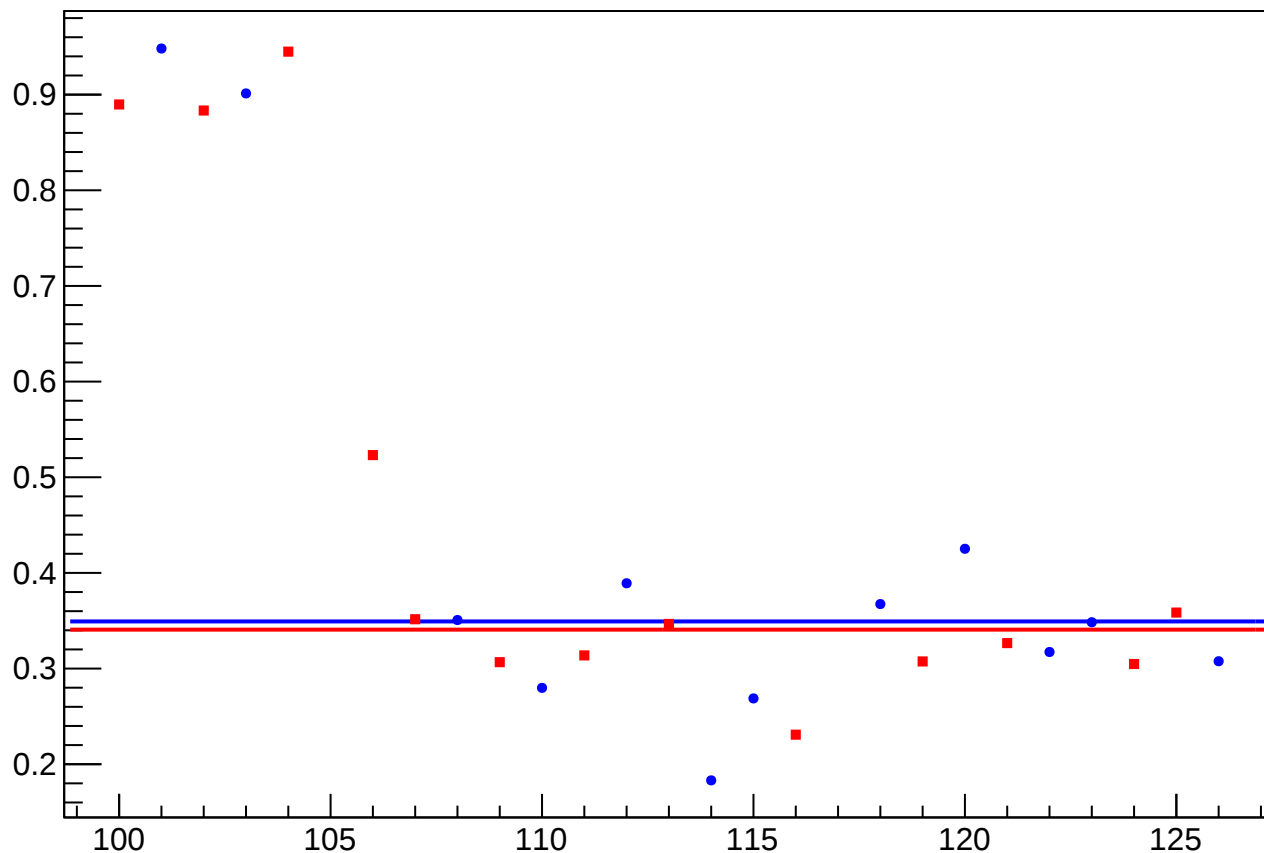
All: 0.344+/-0.000 χ^2/NDF : 2149421.1/24

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 146.468 $\pm$ 0.000 χ^2 /NDF: 1829638766.0/11
 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: 146.353 $\pm$ 0.000 χ^2 /NDF: 5429225563.1/24
 Right Out: 146.256 $\pm$ 0.000 χ^2 /NDF: 3598921109.4/12
 In: 146.468 $\pm$ 0.000 χ^2 /NDF: 1829638766.0/11
 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: 146.353 $\pm$ 0.000 χ^2 /NDF: 5429225563.1

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.349+/-0.000 χ^2/NDF : 1118640.3/11

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

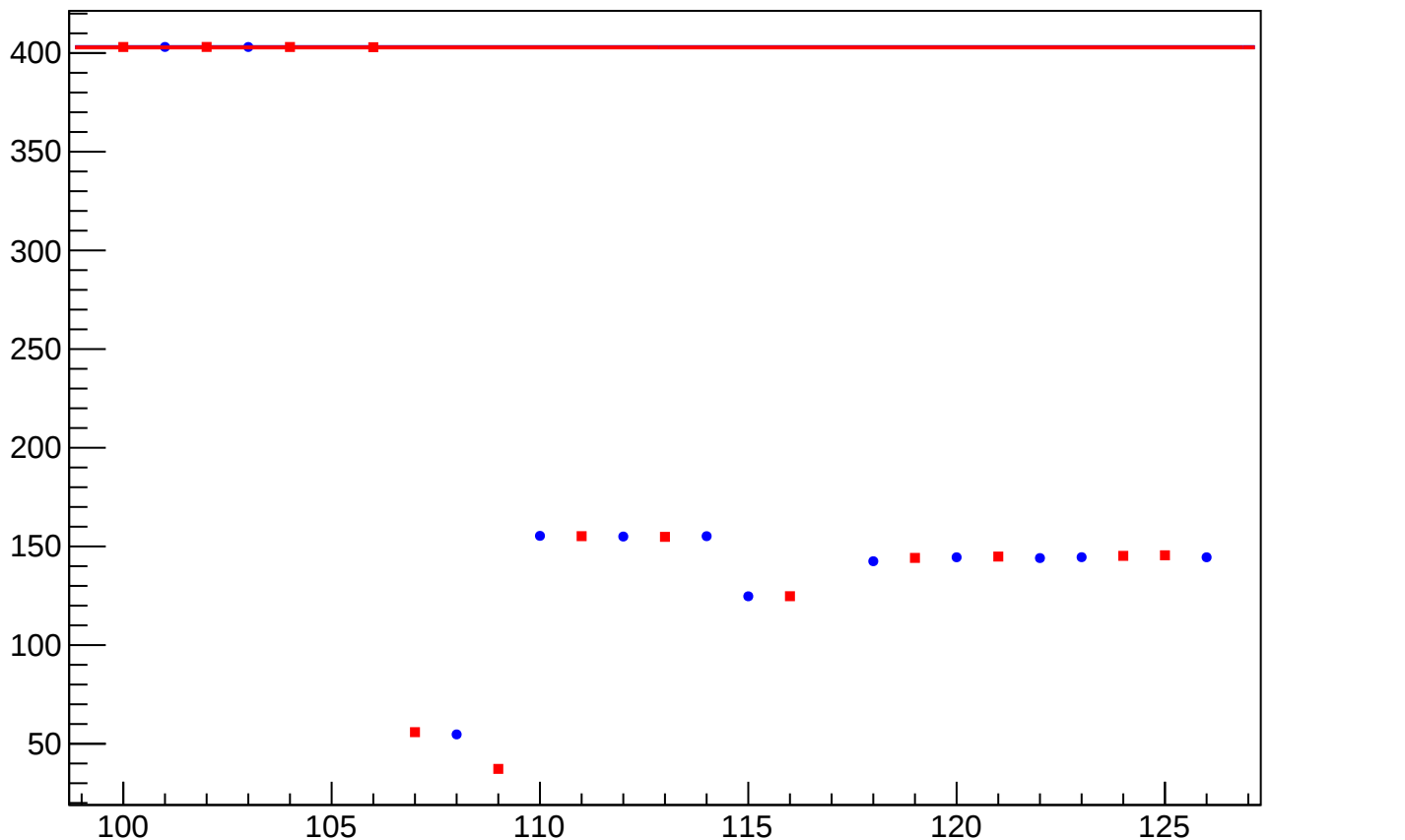
Right: 0.345+/-0.000 χ^2/NDF : 2161189.1/24

In: 0.349+/-0.000 χ^2/NDF : 1118640.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

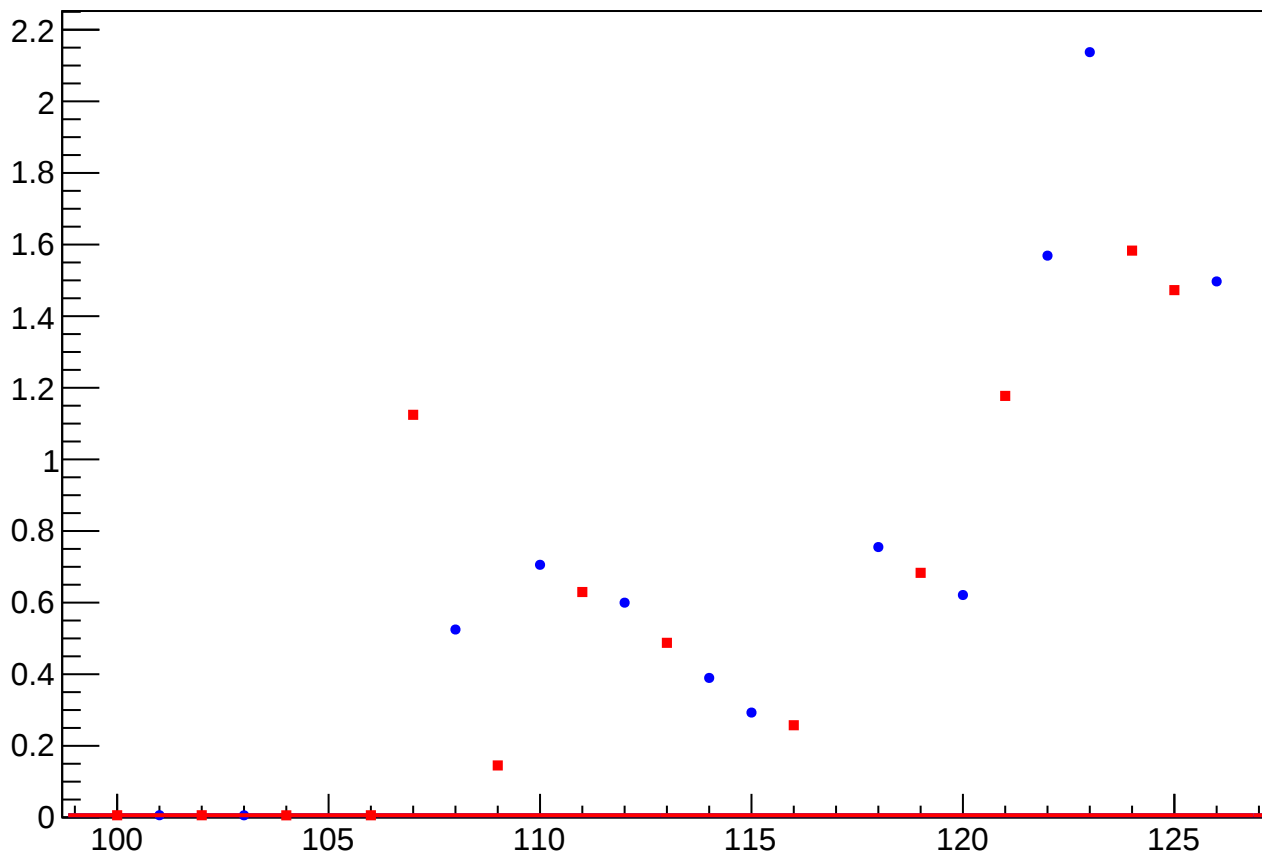
All: 0.345+/-0.000 χ^2/NDF : 2161189.1/24

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 403.032+/-0.000 χ^2/NDF : 499701663266.8/11
 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
 All: 402.937+/-0.000 χ^2/NDF : 3110305358064.9/11

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 5093209.0/11

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

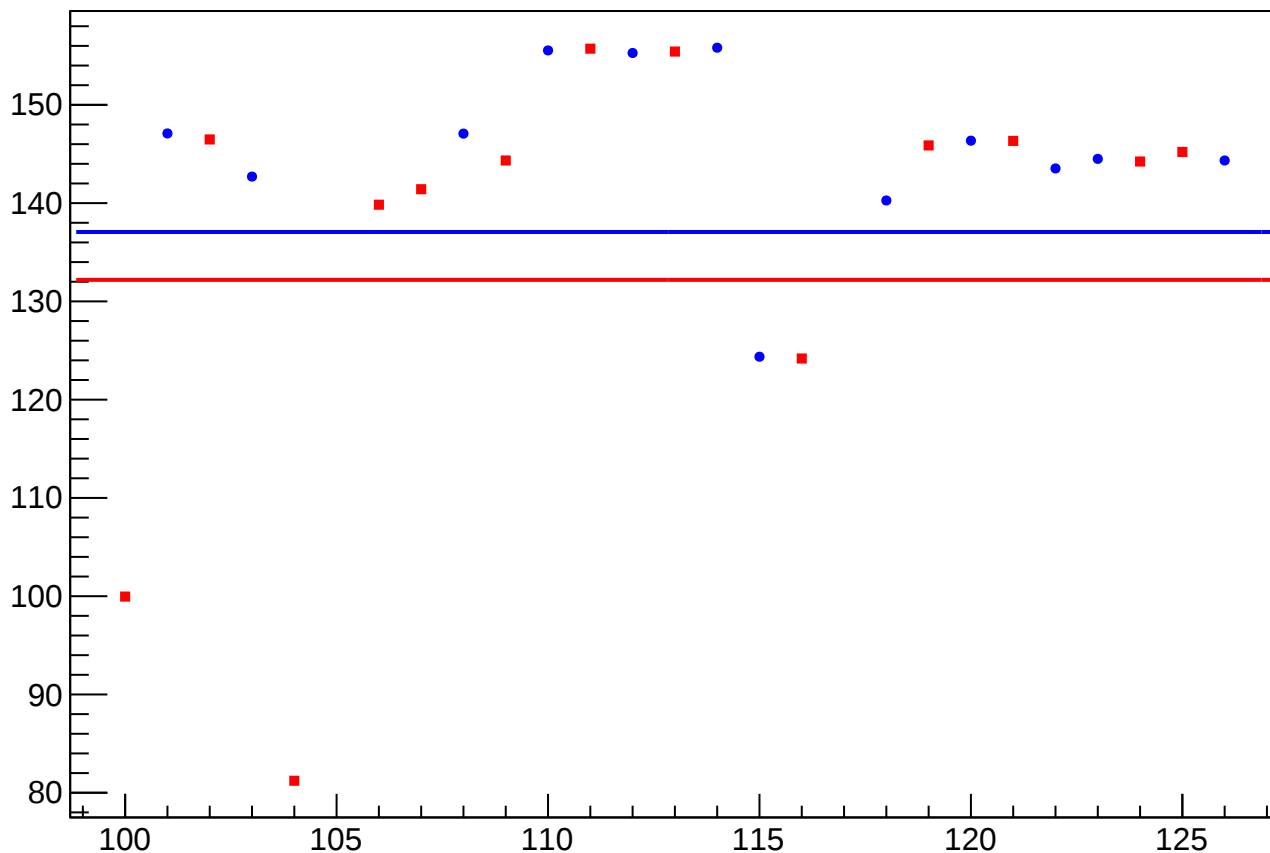
Right: 0.006+/-0.000 χ^2/NDF : 10313844.6/24

In: 0.006+/-0.000 χ^2/NDF :5093209.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

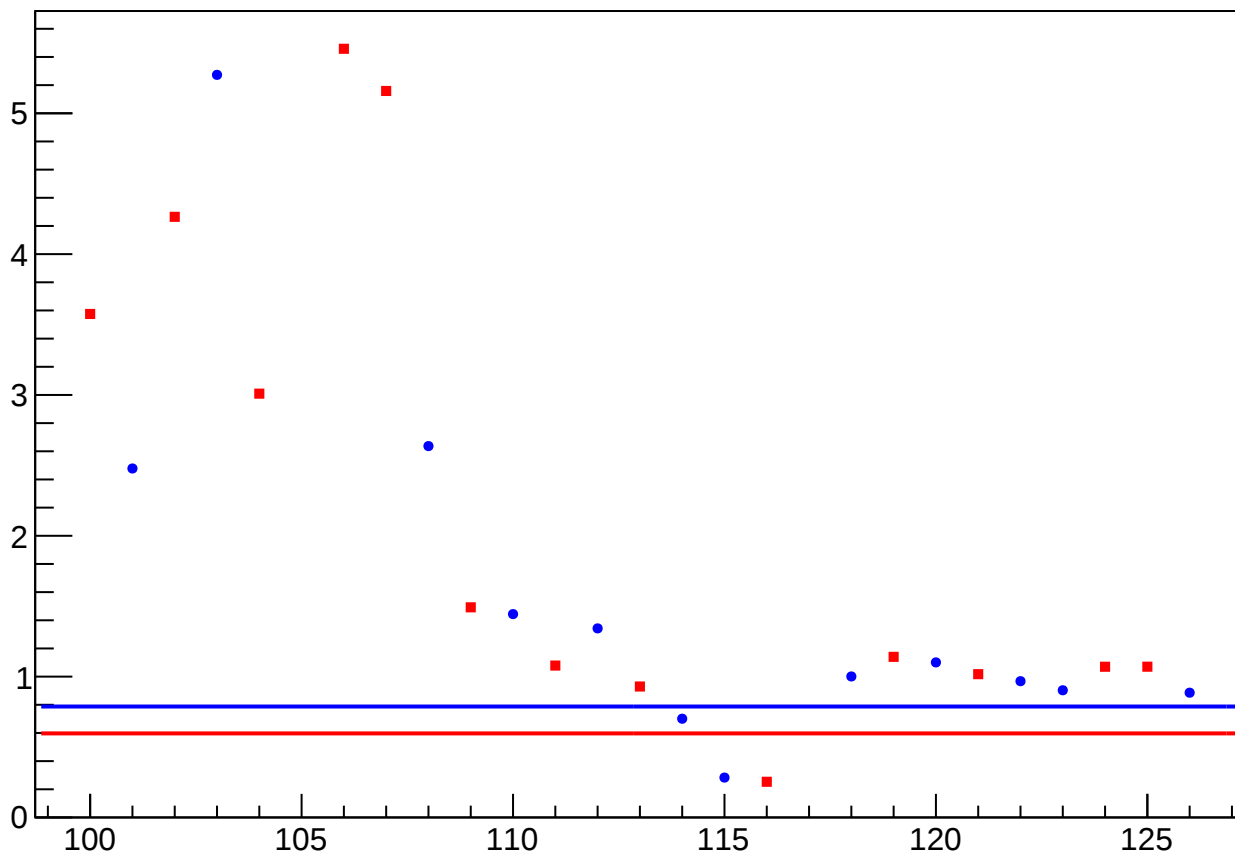
All: 0.006+/-0.000 χ^2/NDF : 10313844.6/24

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 137.063 $\pm$ 0.001 χ^2 /NDF: 509120963.1/11
 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: 134.135 $\pm$ 0.000 χ^2 /NDF: 1500638864.7/24
 Right Out: 132.192 $\pm$ 0.000 χ^2 /NDF: 938596739.4/12
 In: 137.063 $\pm$ 0.001 χ^2 /NDF: 509120963.1/11
 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: 134.135 $\pm$ 0.000 χ^2 /NDF: 1500638864.7

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.788+/-0.000 χ^2/NDF : 2776094.6/11

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

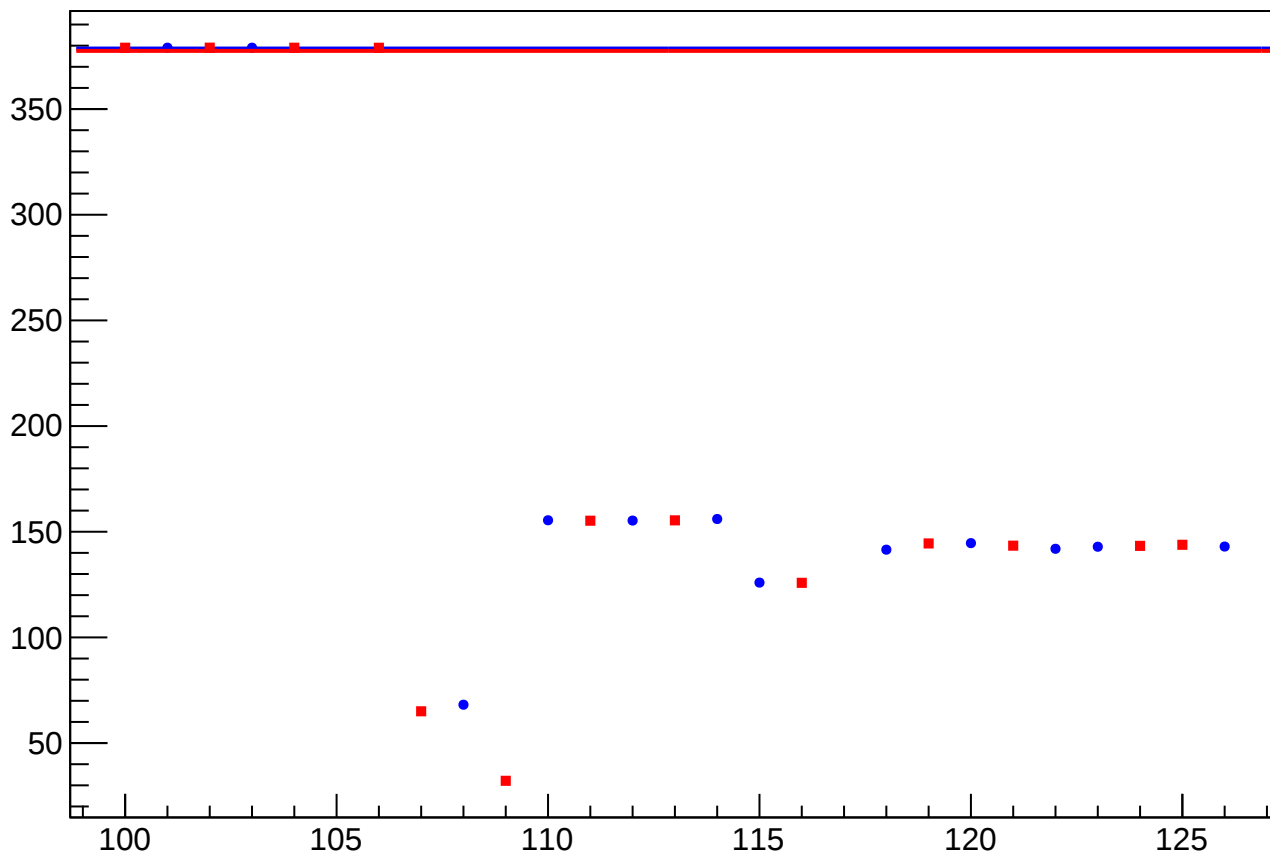
Right: 0.673+/-0.000 χ^2/NDF : 7138379.0/24

In: 0.788+/-0.000 χ^2/NDF : 2776094.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

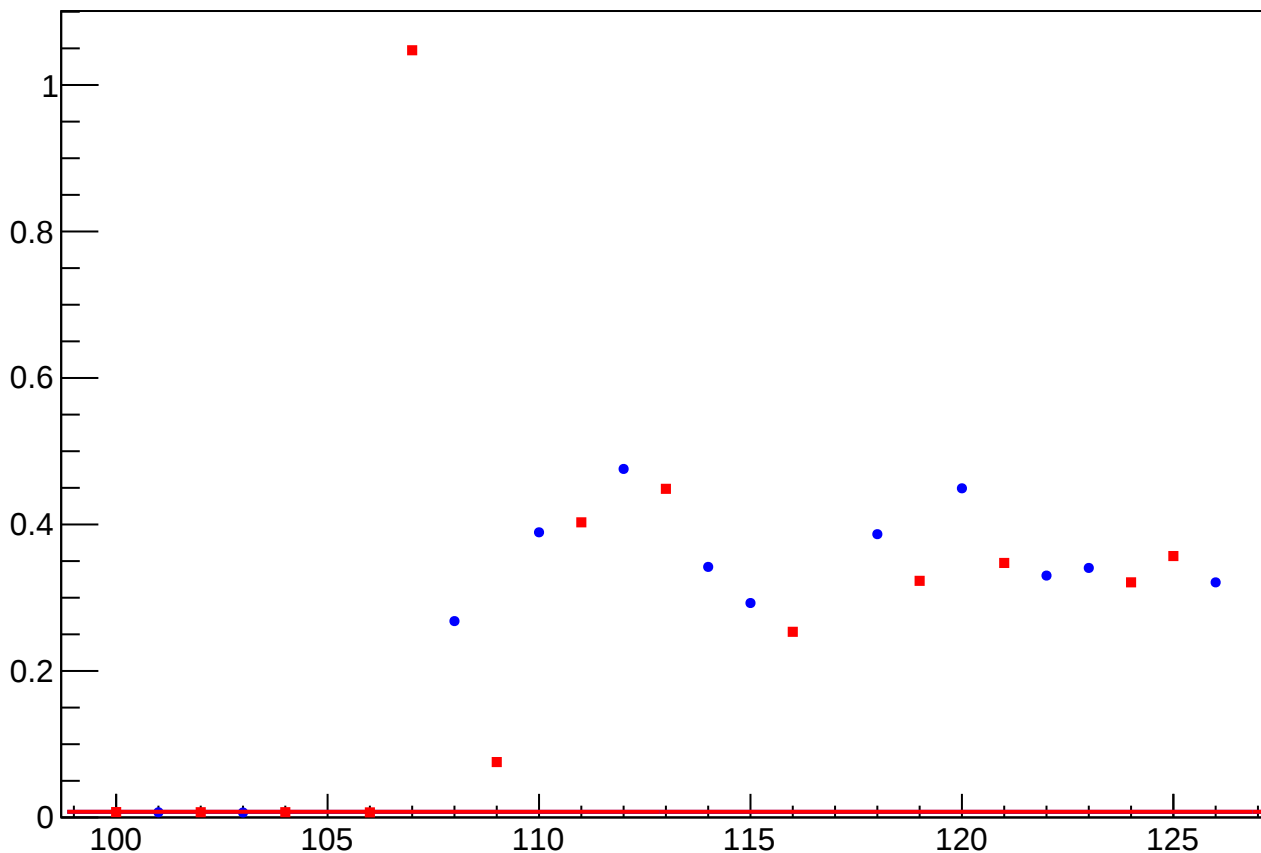
All: 0.673+/-0.000 χ^2/NDF : 7138379.0/24

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 378.634 $\pm$ 0.000 χ^2 /NDF: 1404647825262.1/11
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 378.049 $\pm$ 0.000 χ^2 /NDF: 8816981072824.4
 In: 378.634 $\pm$ 0.000 χ^2 /NDF: 1404647825262.1/11
 Right Out: 377.536 $\pm$ 0.000 χ^2 /NDF: 7403796752973.3/12
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 378.049 $\pm$ 0.000 χ^2 /NDF: 8816981072824.4

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 5399052.6/11

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

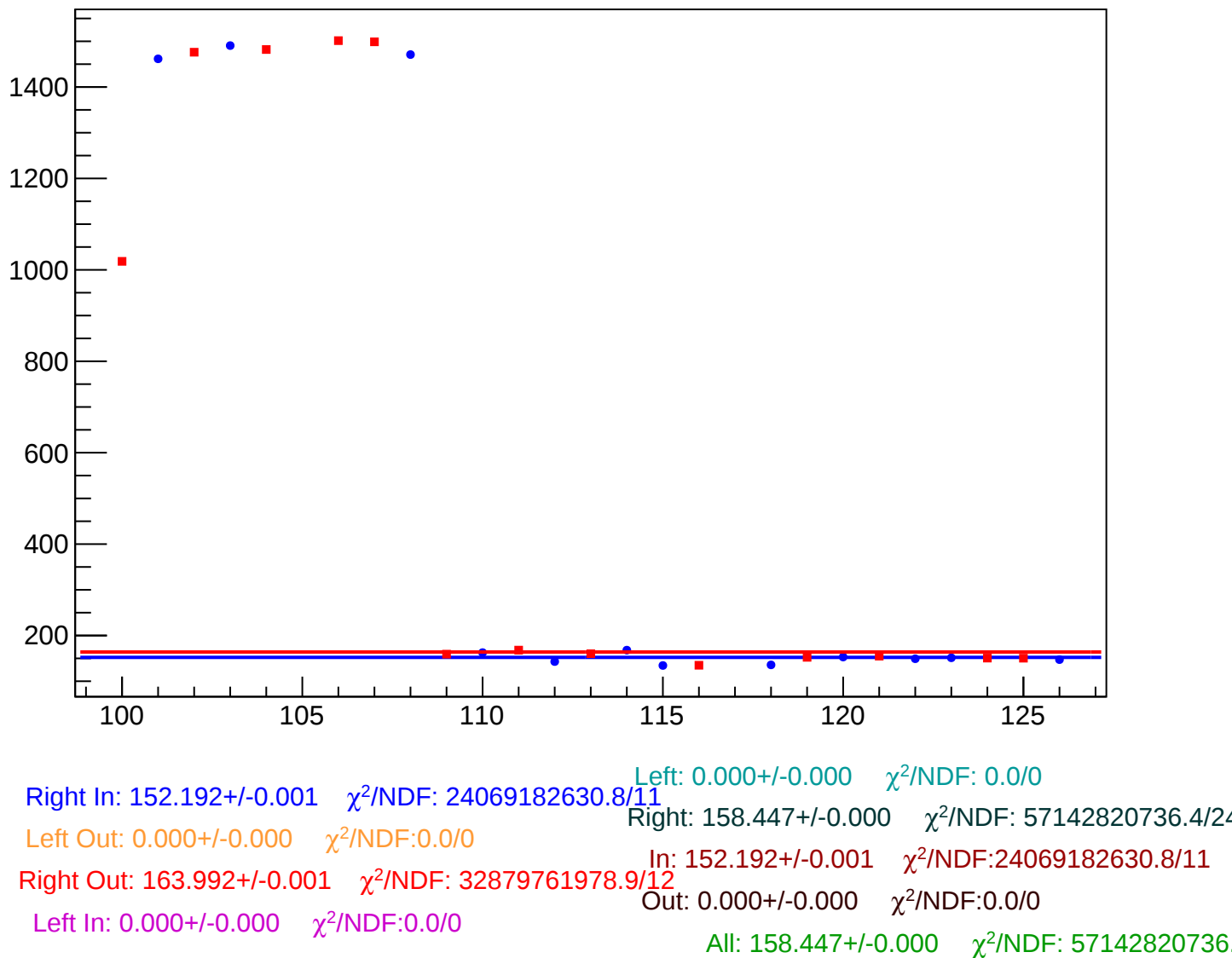
Right: 0.008+/-0.000 χ^2/NDF : 10697710.6/24

In: 0.008+/-0.000 χ^2/NDF : 5399052.6/11

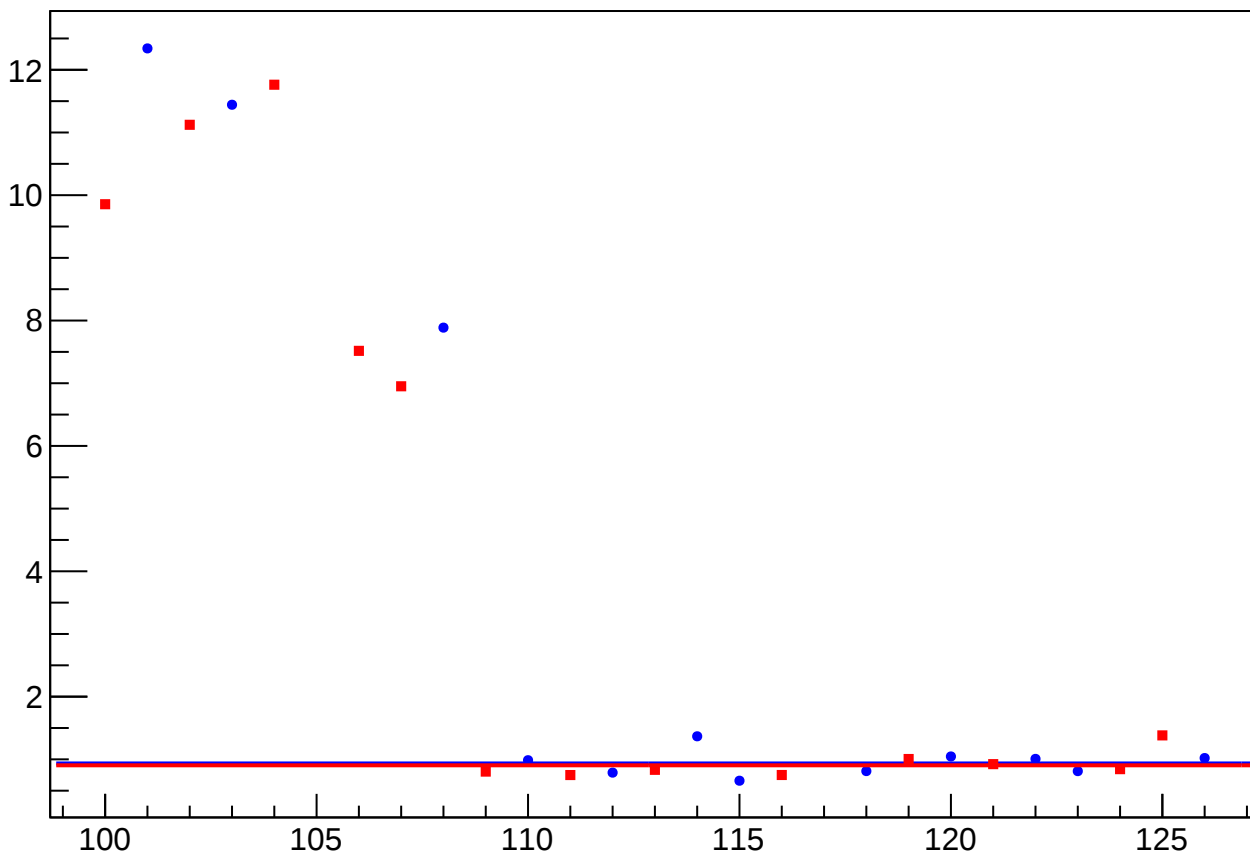
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 10697710.6/24

yield_bcm0l02_mean vs Slug, Sign Corrected



yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.934+/-0.000 χ^2/NDF : 2549204.4/11

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

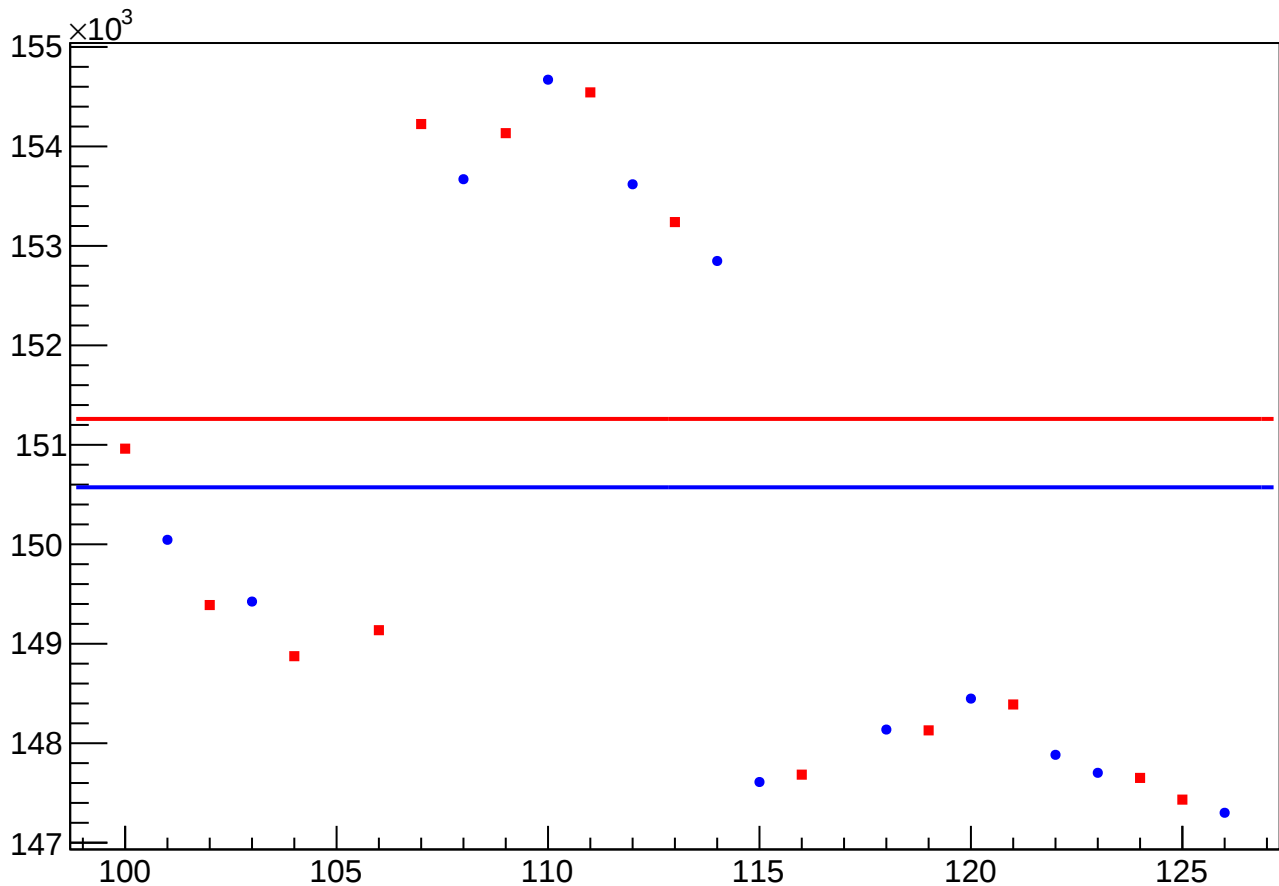
Right: 0.919+/-0.000 χ^2/NDF : 5289848.0/24

In: 0.934+/-0.000 χ^2/NDF : 2549204.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.919+/-0.000 χ^2/NDF : 5289848.0/24

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 150573.028+/-0.076 χ^2 /NDF: 1486875218.8/11

Right: 150939.793+/-0.052 χ^2 /NDF: 3283131650.9/12

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

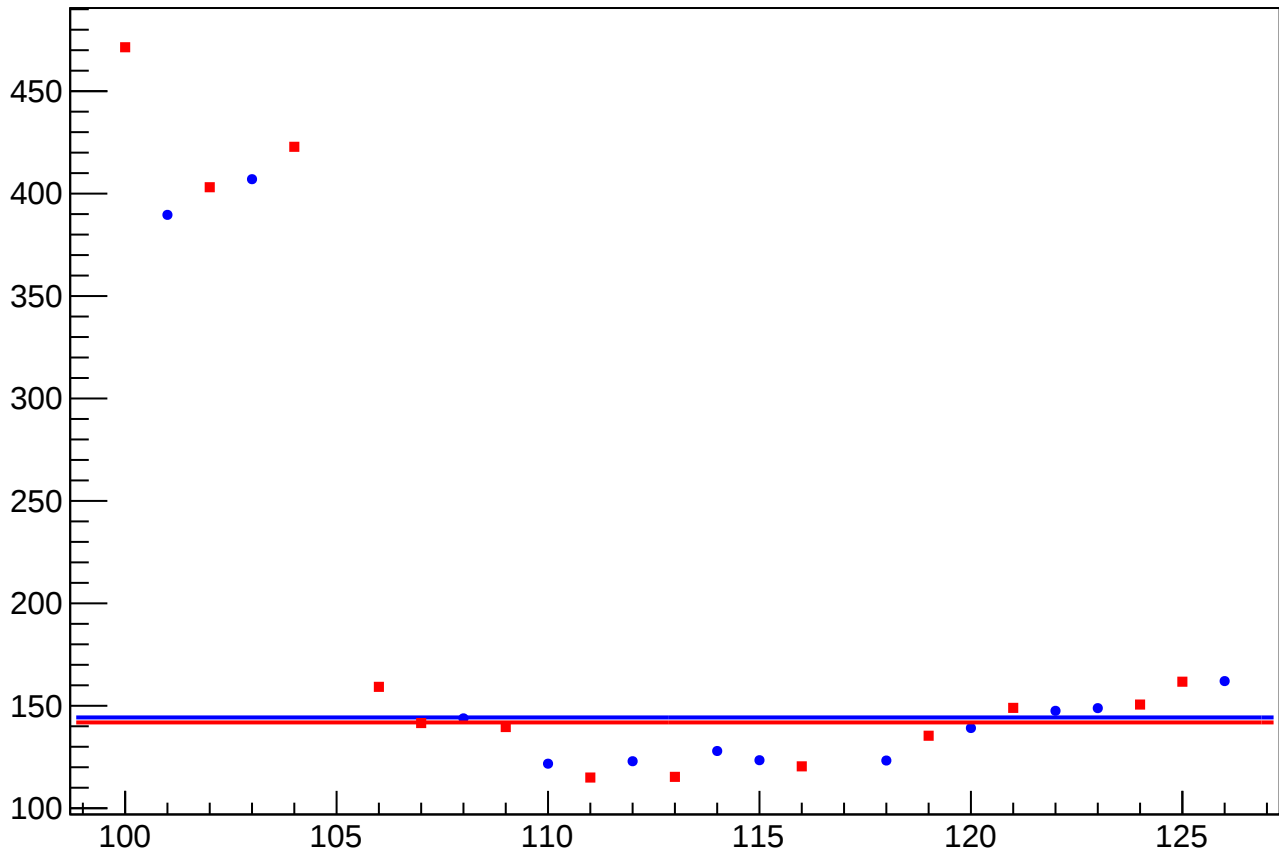
Right Out: 151260.513+/-0.071 χ^2 /NDF: 1752457609.8/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 150939.793+/-0.052 χ^2 /NDF: 3283131650.9/12

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 144.314+/-0.054 χ^2/NDF : 1034673.3/11

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

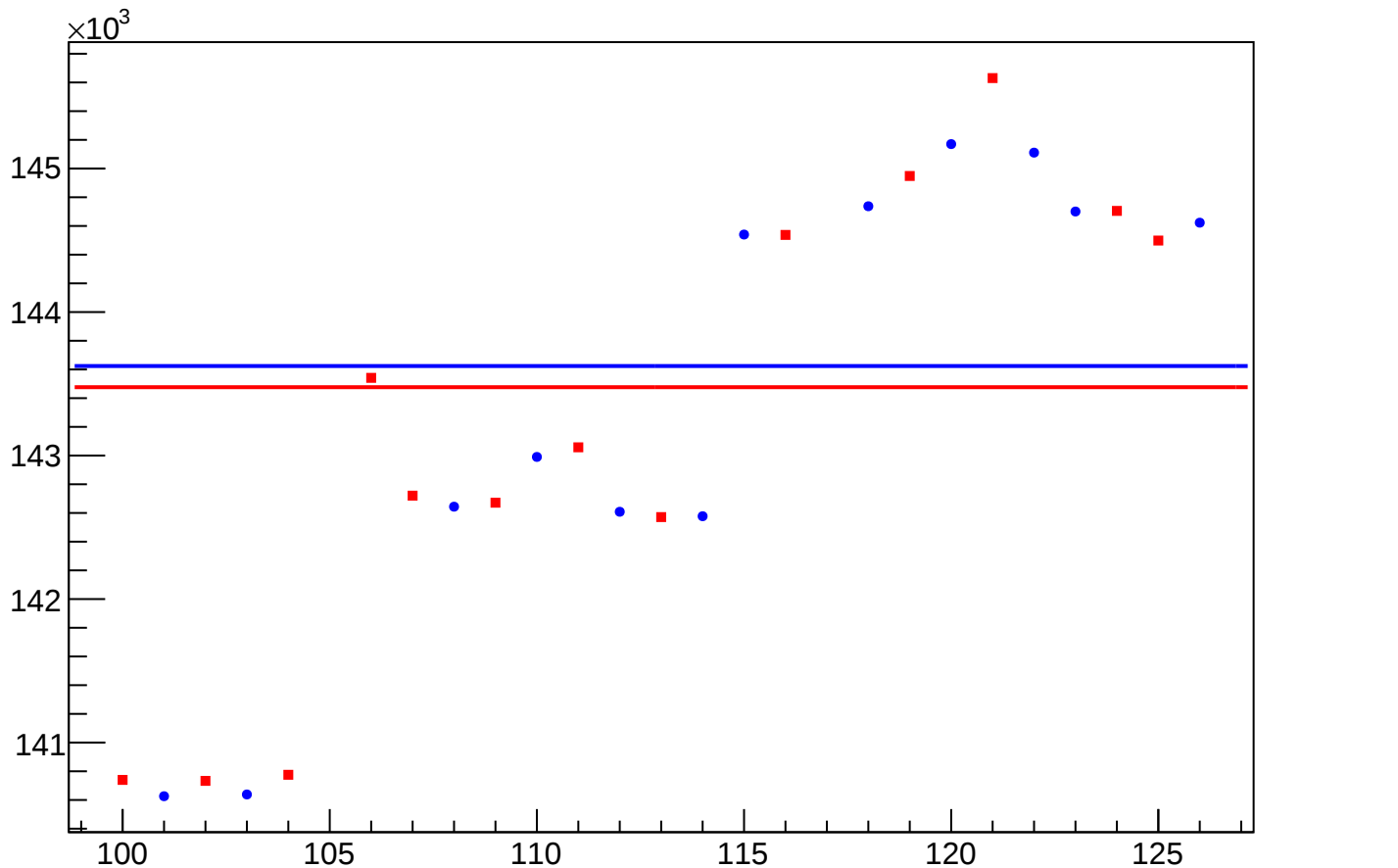
Right: 143.014+/-0.037 χ^2/NDF : 2122282.0/24

In: 144.314+/-0.054 χ^2/NDF : 1034673.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.014+/-0.037 χ^2/NDF : 2122282.0/24

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 143623.971+/-0.063 χ^2 /NDF: 363476347.7/11

Right: 143543.706+/-0.042 χ^2 /NDF: 742498092.9/2

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

Right Out: 143476.474+/-0.057 χ^2 /NDF: 375996713.5/12

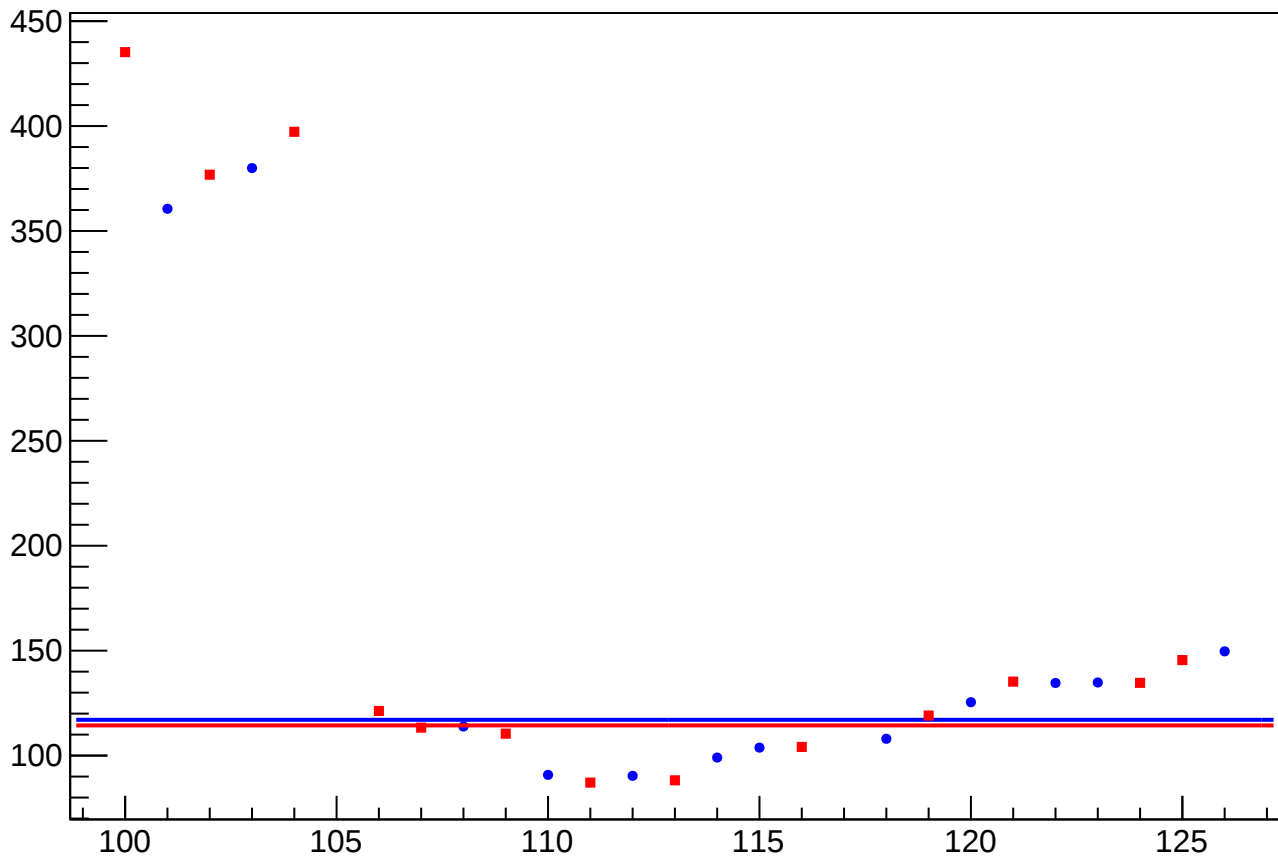
In: 143623.971+/-0.063 χ^2 /NDF: 363476347.7/11

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 143543.706+/-0.042 χ^2 /NDF: 742498092.9/2

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 117.055+/-0.044 χ^2/NDF : 1277782.9/11

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

Right Out: 114.374+/-0.040 χ^2/NDF : 1323088.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

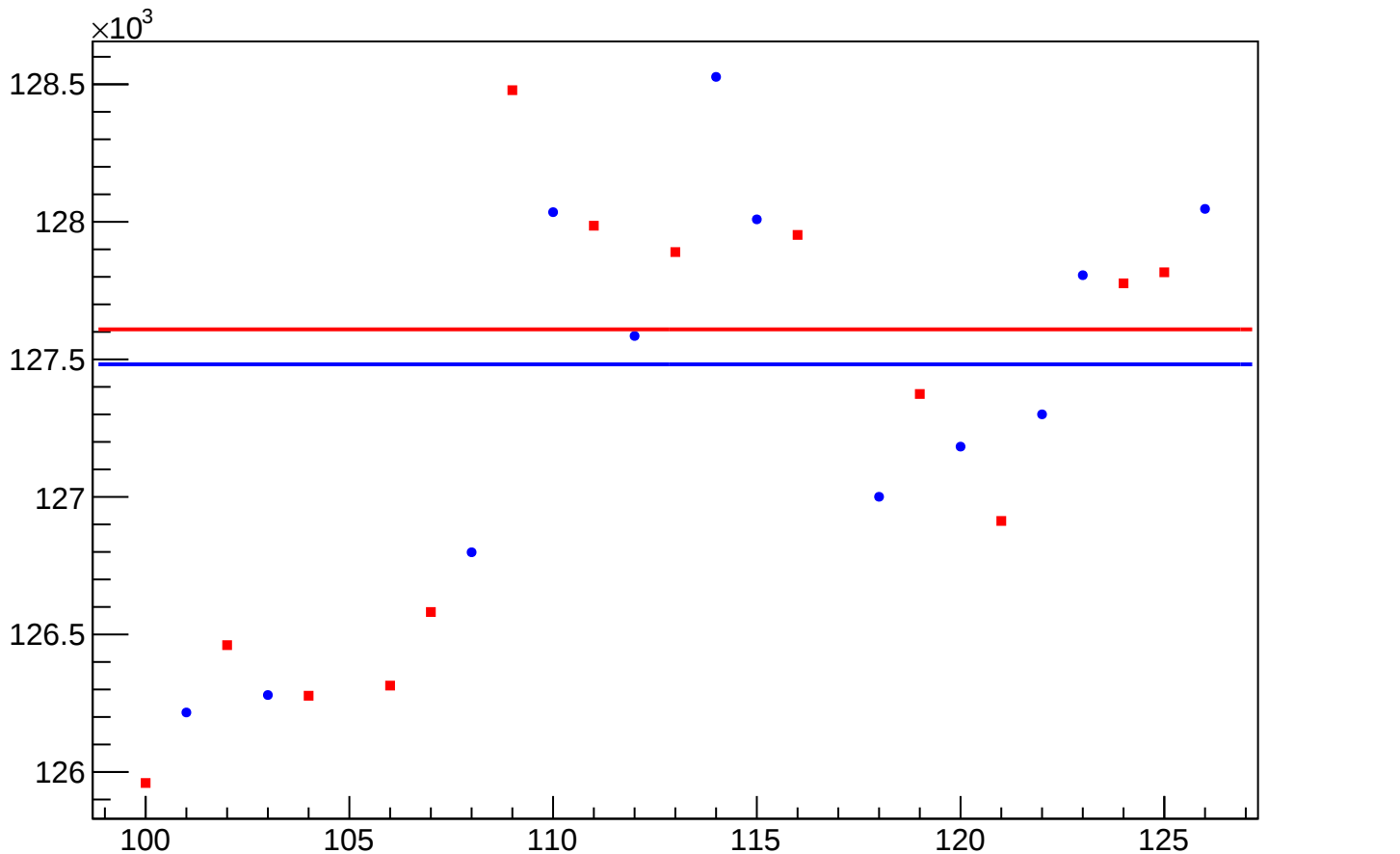
Right: 115.596+/-0.030 χ^2/NDF : 2602870.6/24

In: 117.055+/-0.044 χ^2/NDF : 1277782.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

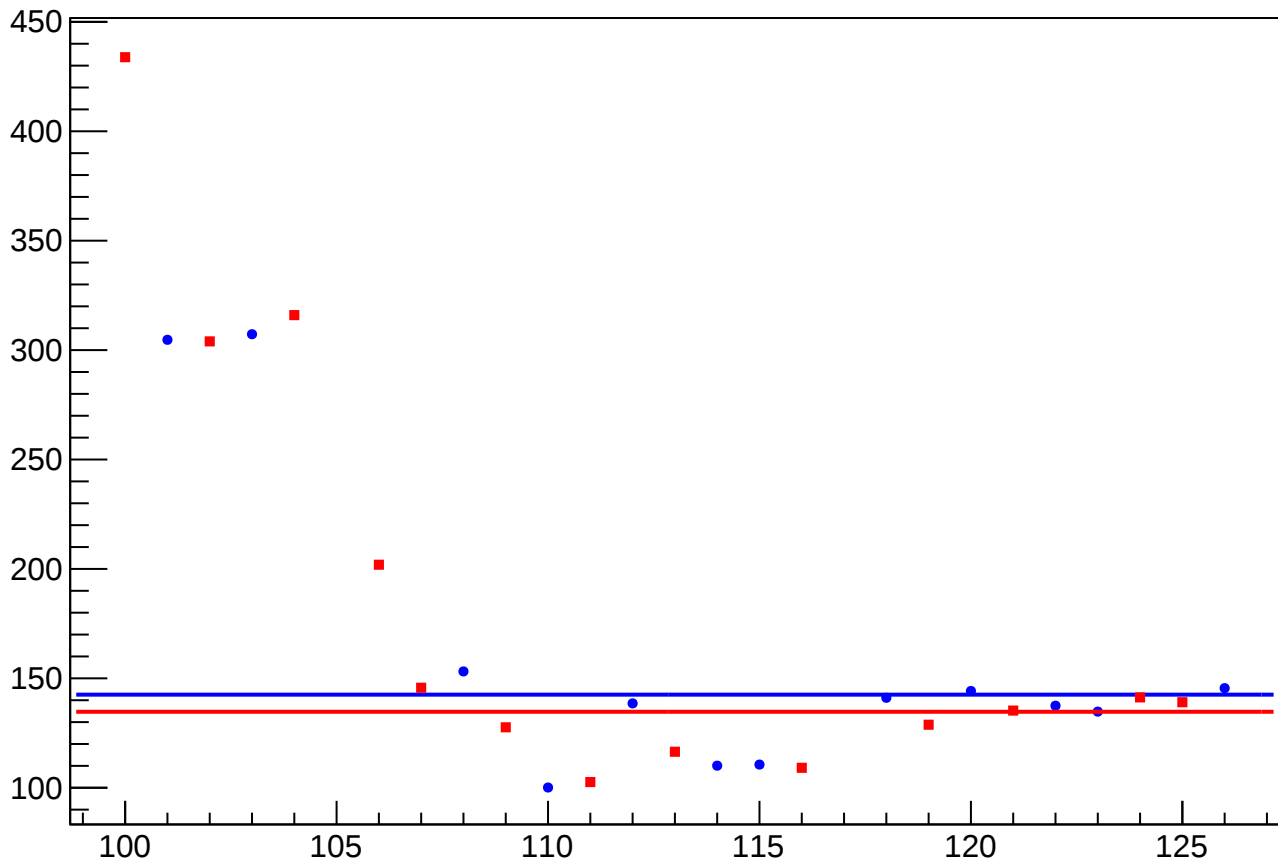
All: 115.596+/-0.030 χ^2/NDF : 2602870.6/24

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127481.946 $\pm$ 0.074 χ^2 /NDF: 62346902.4/11
 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: 127552.700 $\pm$ 0.049 χ^2 /NDF: 154914070.3/2
 Right Out: 127609.130 $\pm$ 0.066 χ^2 /NDF: 90933871.2/12
 In: 127481.946 $\pm$ 0.074 χ^2 /NDF: 62346902.4/11
 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: 127552.700 $\pm$ 0.049 χ^2 /NDF: 154914070.3/2

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 142.548+/-0.052 χ^2/NDF : 822172.8/11

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

Right Out: 134.725+/-0.047 χ^2/NDF : 924296.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

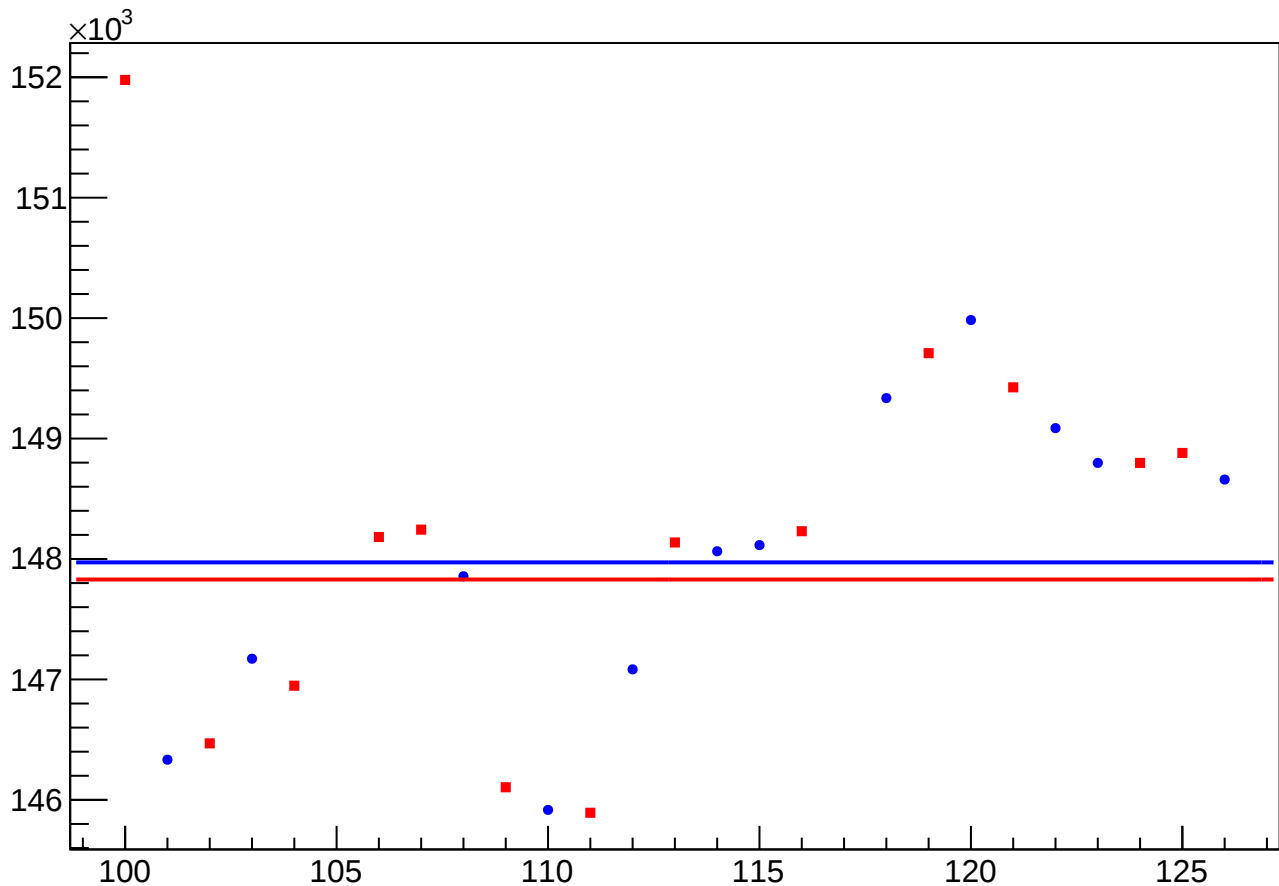
Right: 138.196+/-0.035 χ^2/NDF : 1758826.3/24

In: 142.548+/-0.052 χ^2/NDF : 822172.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.196+/-0.035 χ^2/NDF : 1758826.3/24

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 147971.787+/-0.113 χ^2 /NDF: 102767635.2/11

Right: 147890.079+/-0.073 χ^2 /NDF: 297172223.0/2

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

Right Out: 147829.741+/-0.097 χ^2 /NDF: 193489345.9/12

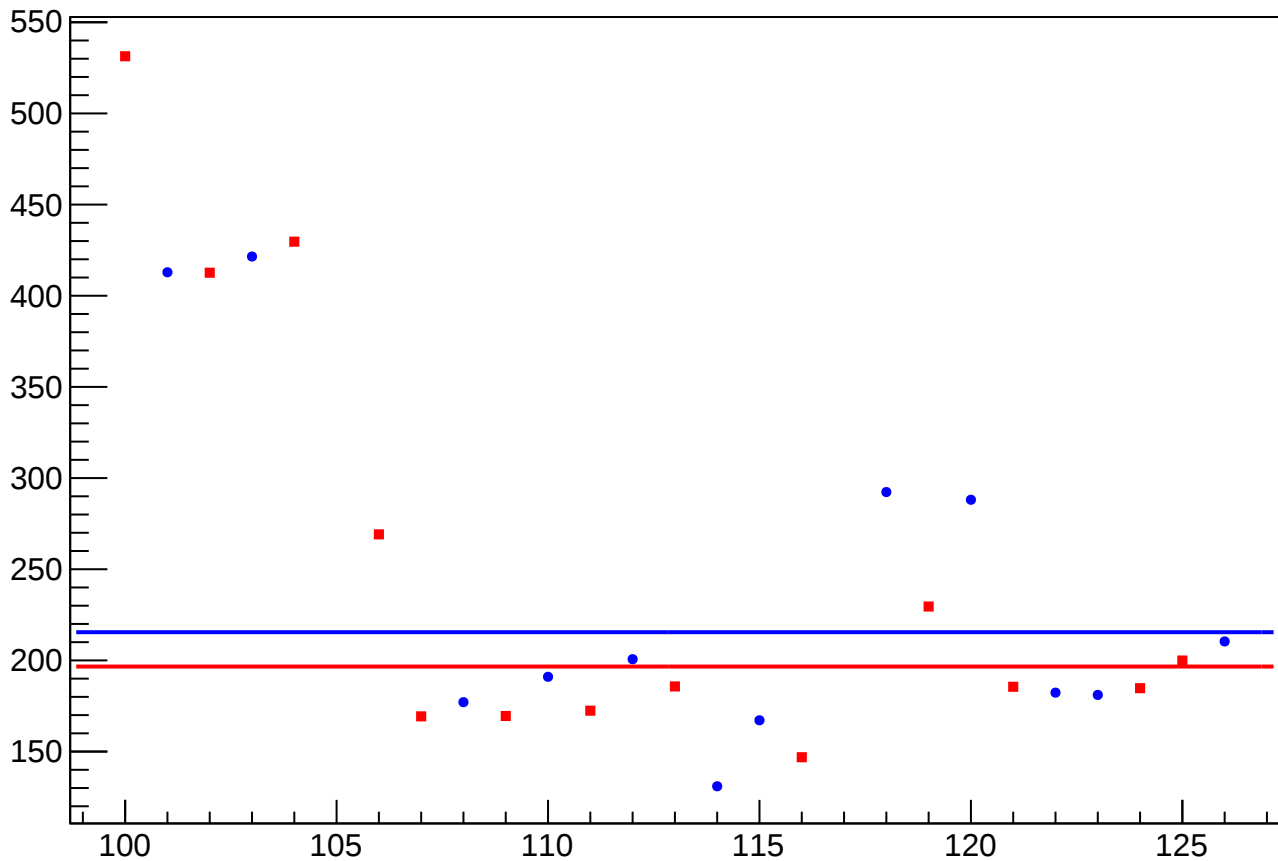
In: 147971.787+/-0.113 χ^2 /NDF: 102767635.2/11

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 147890.079+/-0.073 χ^2 /NDF: 297172223.0/2

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 215.466+/-0.080 χ^2/NDF : 834645.4/11

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

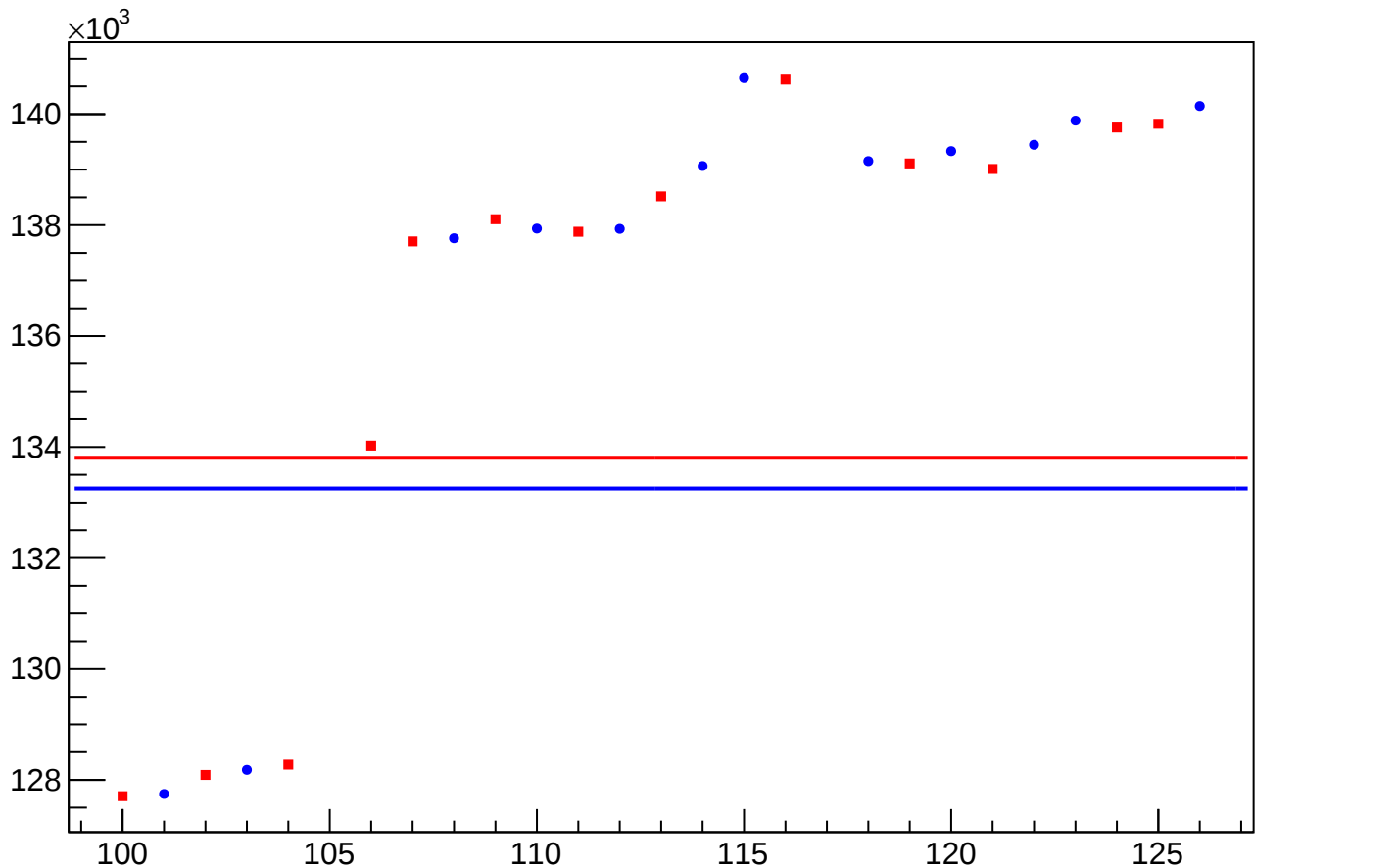
Right: 204.633+/-0.052 χ^2/NDF : 1684121.9/24

In: 215.466+/-0.080 χ^2/NDF : 834645.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

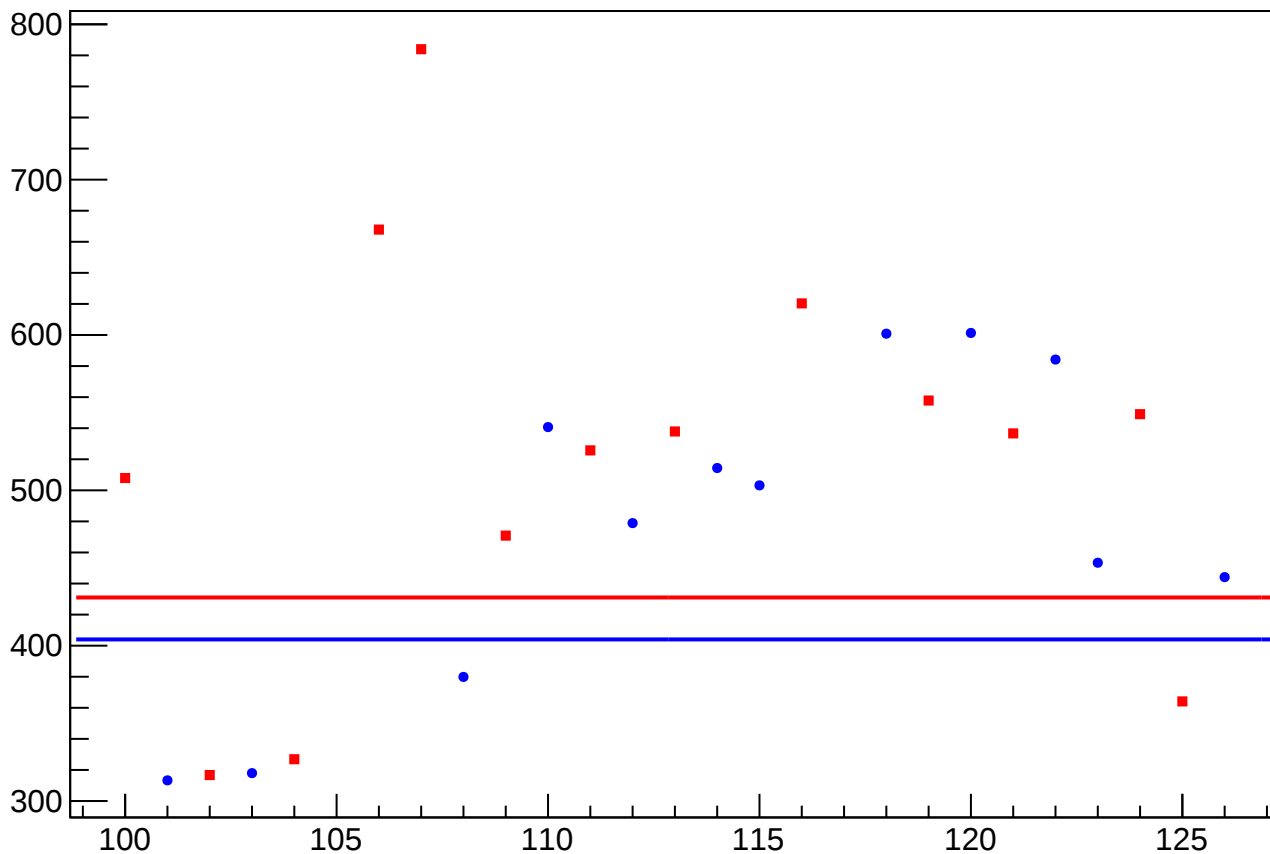
All: 204.633+/-0.052 χ^2/NDF : 1684121.9/24

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: 133253.818 $\pm$ 0.211 χ^2 /NDF: 680491482.9/11
 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: 133529.663 $\pm$ 0.149 χ^2 /NDF: 1309645249.1
 In: 133253.818 $\pm$ 0.211 χ^2 /NDF: 680491482.9/11
 Right Out: 133806.474 $\pm$ 0.211 χ^2 /NDF: 625732199.8/12
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 133529.663 $\pm$ 0.149 χ^2 /NDF: 130964524

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 404.026+/-0.149 χ^2/NDF : 502786.7/11

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

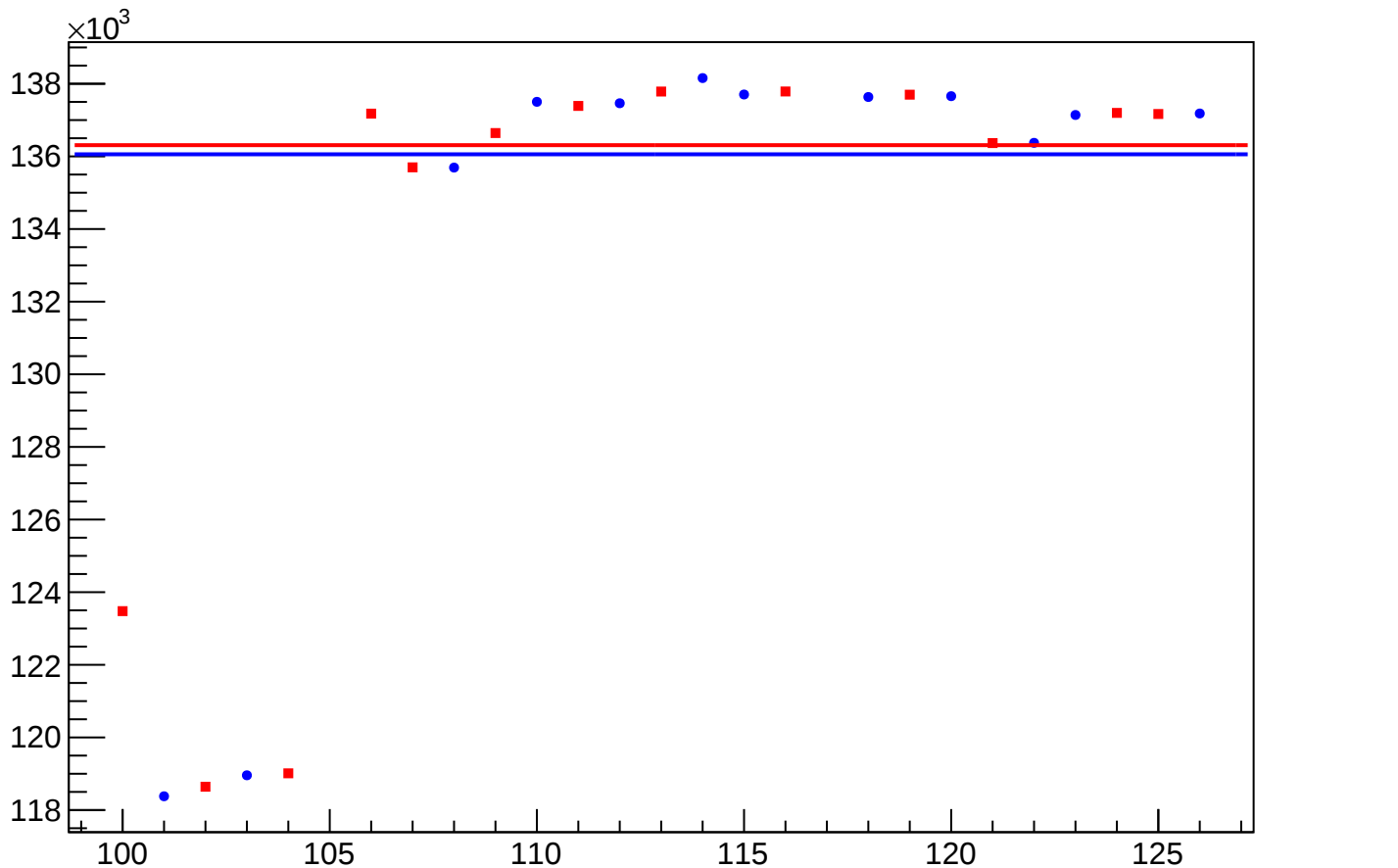
Right: 417.505+/-0.106 χ^2/NDF : 1183177.4/24

In: 404.026+/-0.149 χ^2/NDF : 502786.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

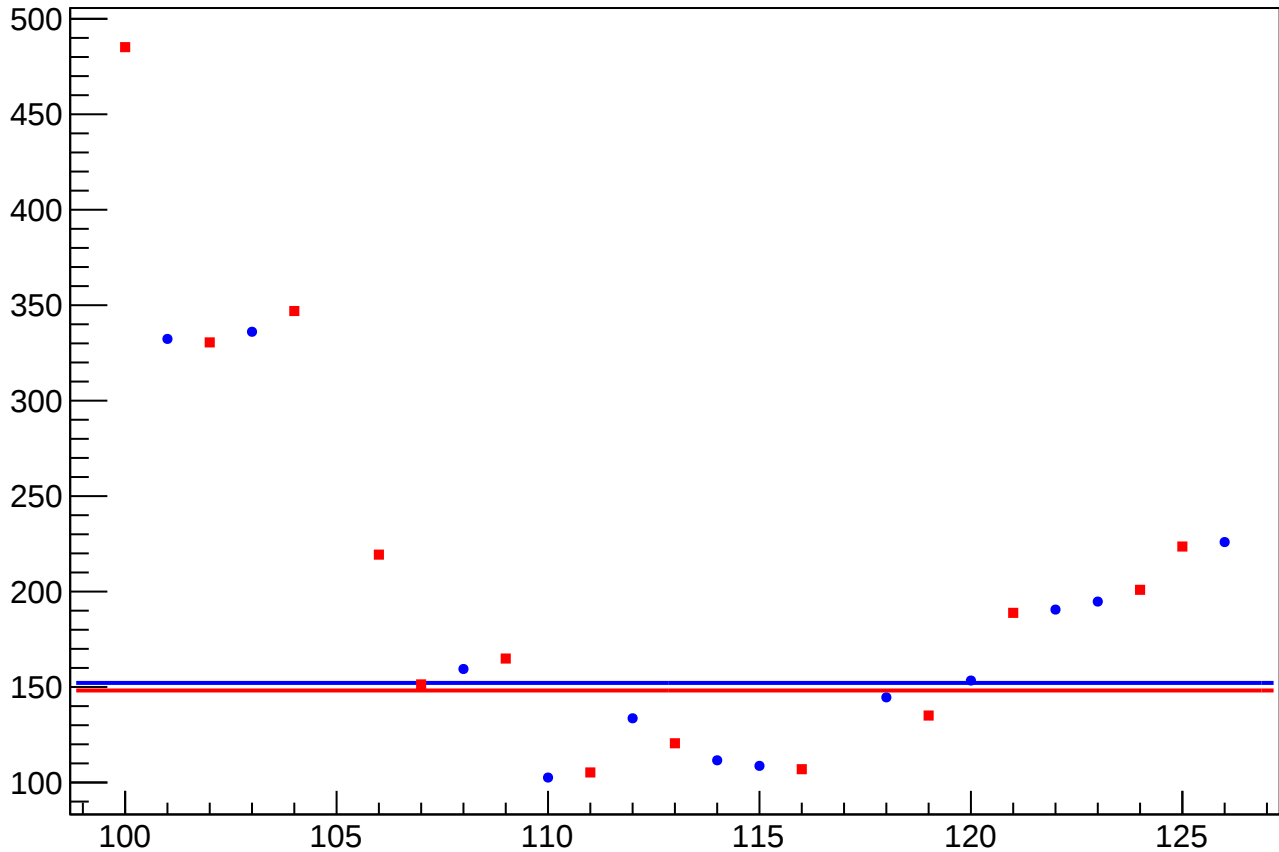
All: 417.505+/-0.106 χ^2/NDF : 1183177.4/24

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 136057.711 $\pm$ 0.080 χ^2 /NDF: 3411091832.3/11
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 136309.433 $\pm$ 0.074 χ^2 /NDF: 3056227101.6/12
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 136194.089 $\pm$ 0.054 χ^2 /NDF: 6472633903.6/11

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 152.157+/-0.057 χ^2/NDF : 1039900.9/11

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

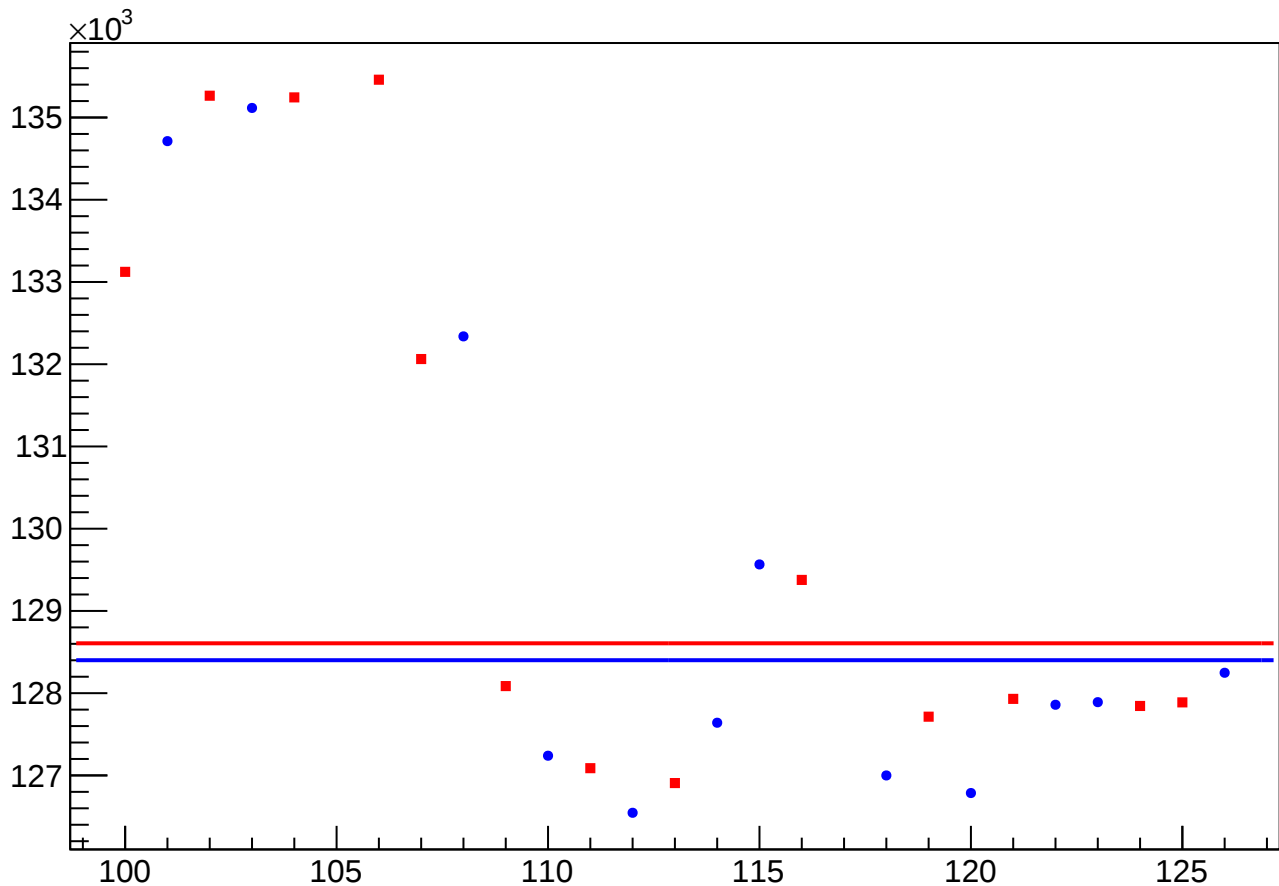
Right: 150.010+/-0.038 χ^2/NDF : 2220012.2/24

In: 152.157+/-0.057 χ^2/NDF : 1039900.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.010+/-0.038 χ^2/NDF : 2220012.2/24

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 128400.886+/-0.087 χ^2 /NDF: 732600928.0/11

Right: 128517.618+/-0.057 χ^2 /NDF: 1624498215.6

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

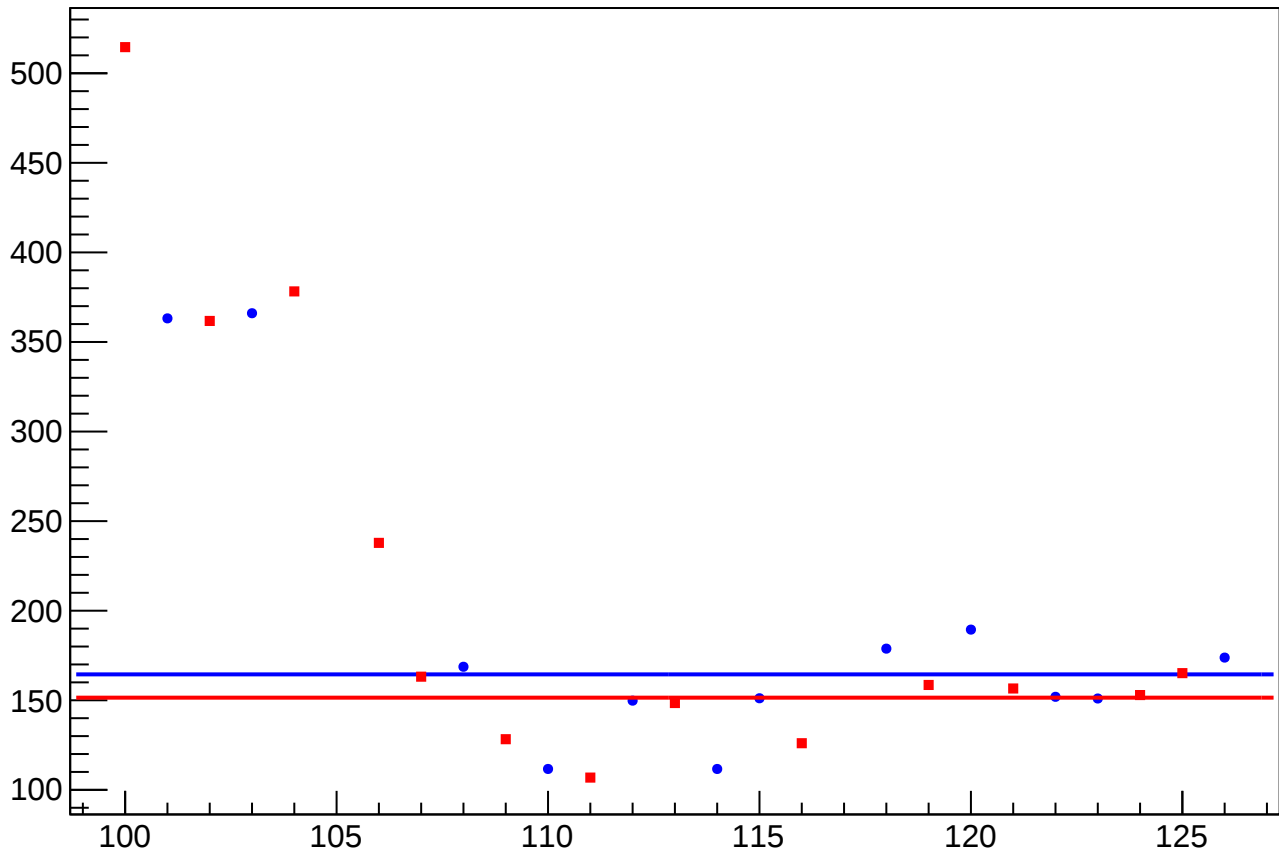
Right Out: 128606.430+/-0.076 χ^2 /NDF: 888757477.3/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 128517.618+/-0.057 χ^2 /NDF: 1624498215.6

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 164.459+/-0.062 χ^2/NDF : 916203.6/11

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

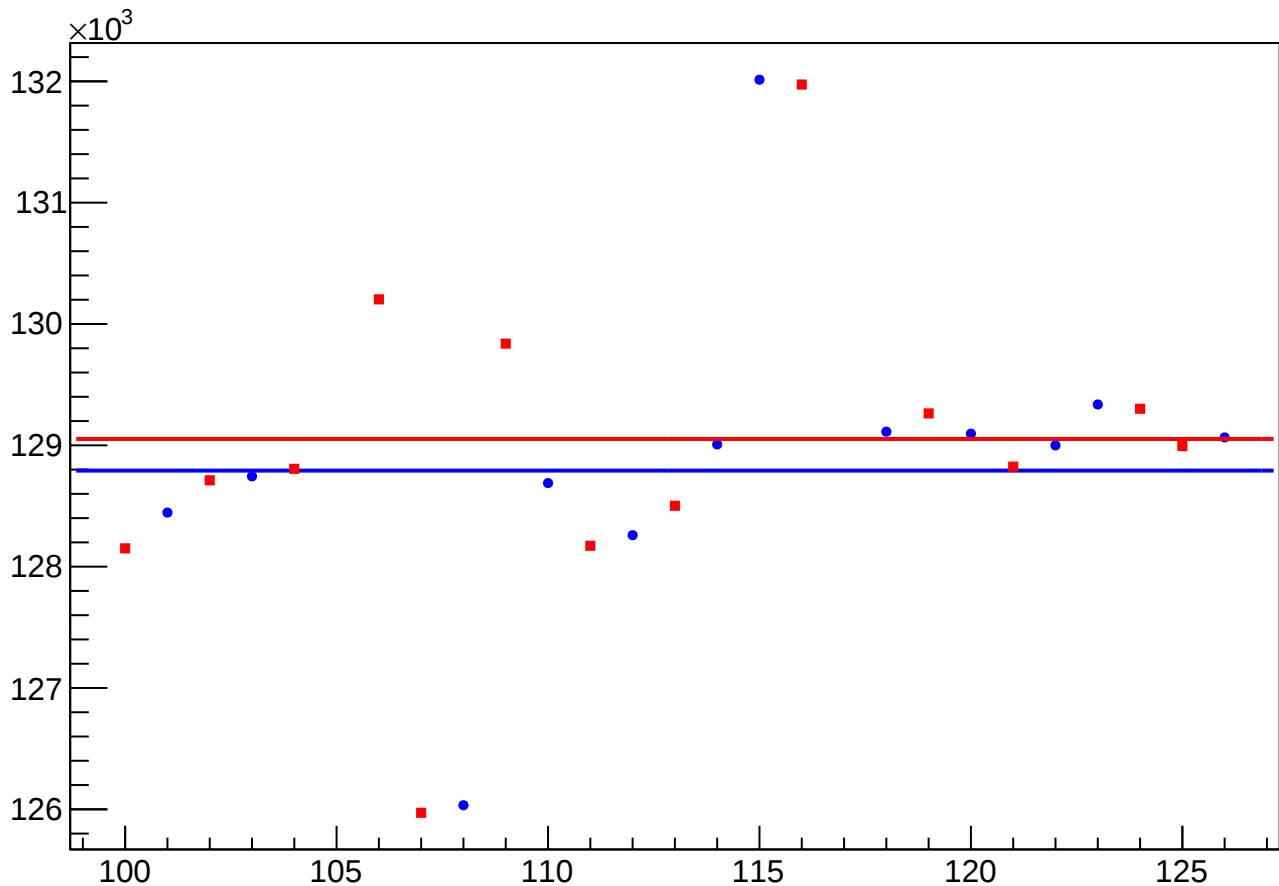
Right: 157.077+/-0.041 χ^2/NDF : 2002518.9/24

In: 164.459+/-0.062 χ^2/NDF : 916203.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.077+/-0.041 χ^2/NDF : 2002518.9/24

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 128791.705+/-0.074 χ^2 /NDF: 279835292.6/11

Right: 128936.054+/-0.050 χ^2 /NDF: 736461176.6/2

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

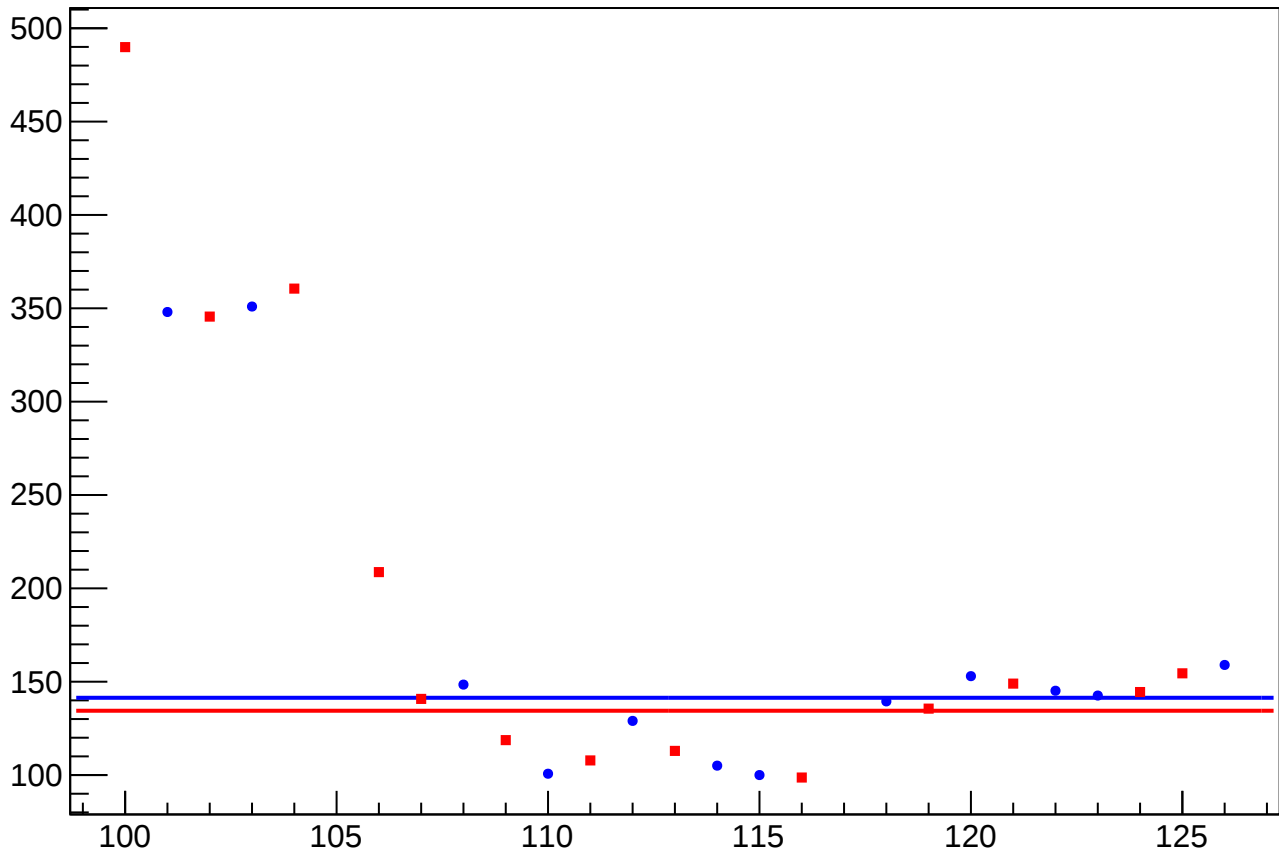
Right Out: 129052.440+/-0.067 χ^2 /NDF: 449835661.0/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 128936.054+/-0.050 χ^2 /NDF: 736461176.6/2

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 141.392+/-0.053 χ^2/NDF : 1018184.5/11

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

Right Out: 134.447+/-0.047 χ^2/NDF : 1114637.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

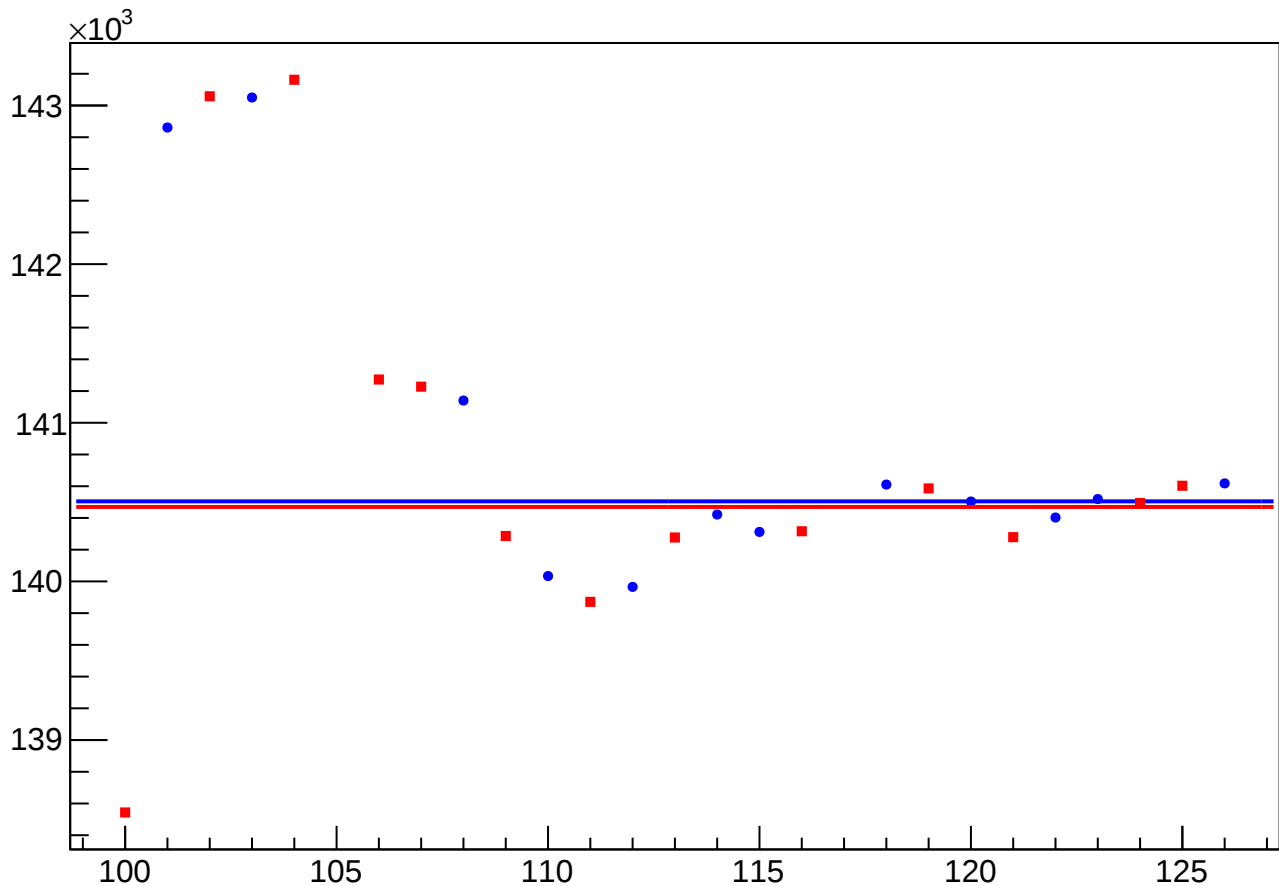
Right: 137.547+/-0.035 χ^2/NDF : 2142455.4/24

In: 141.392+/-0.053 χ^2/NDF : 1018184.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.547+/-0.035 χ^2/NDF : 2142455.4/24

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 140504.625+/-0.080 χ^2 /NDF: 62991034.0/11

Right: 140484.991+/-0.053 χ^2 /NDF: 135615259.3/2

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

Right Out: 140469.400+/-0.071 χ^2 /NDF: 72515492.3/12

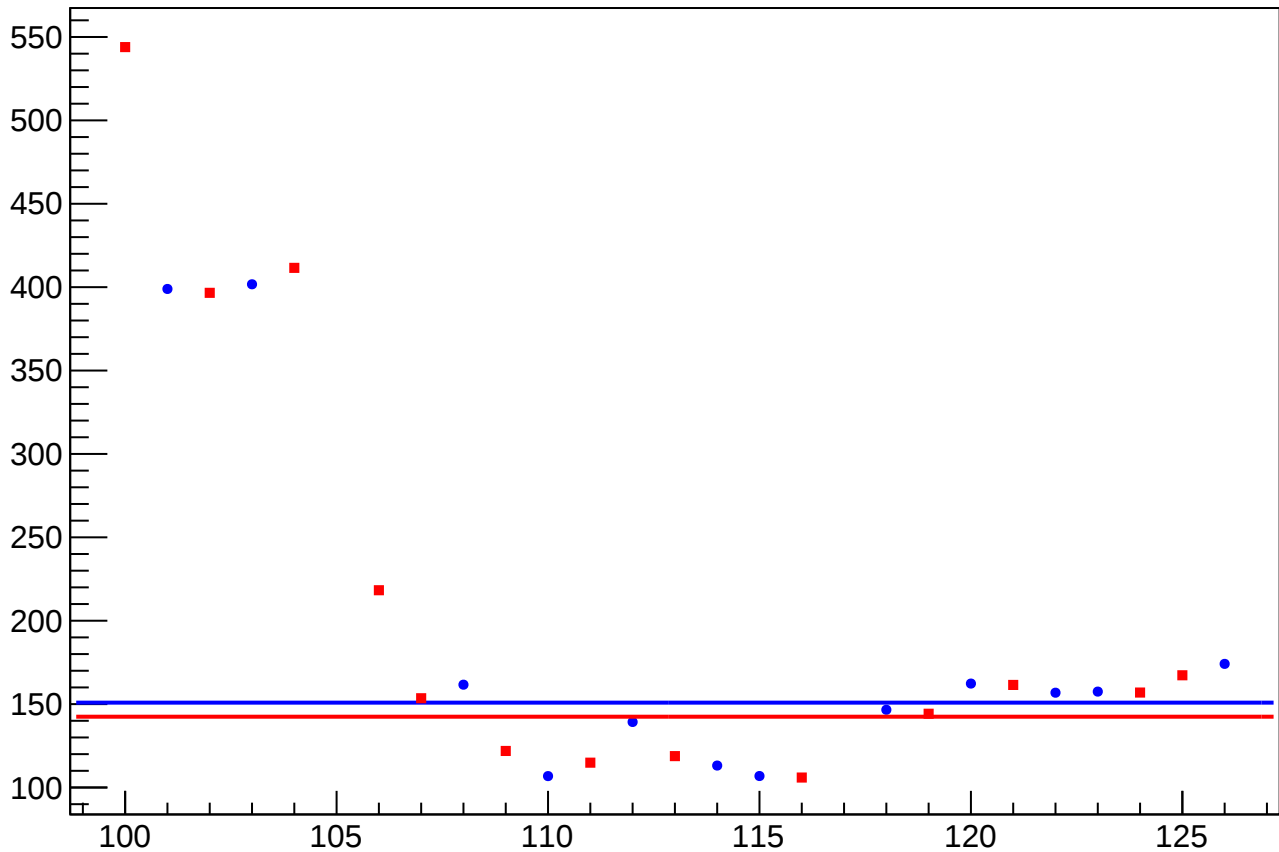
In: 140504.625+/-0.080 χ^2 /NDF: 62991034.0/11

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 140484.991+/-0.053 χ^2 /NDF: 135615259.3/2

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 150.882 $\pm$ 0.056 χ^2 /NDF: 1106506.5/11

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

Right Out: 142.450 $\pm$ 0.050 χ^2 /NDF: 1206588.6/12

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

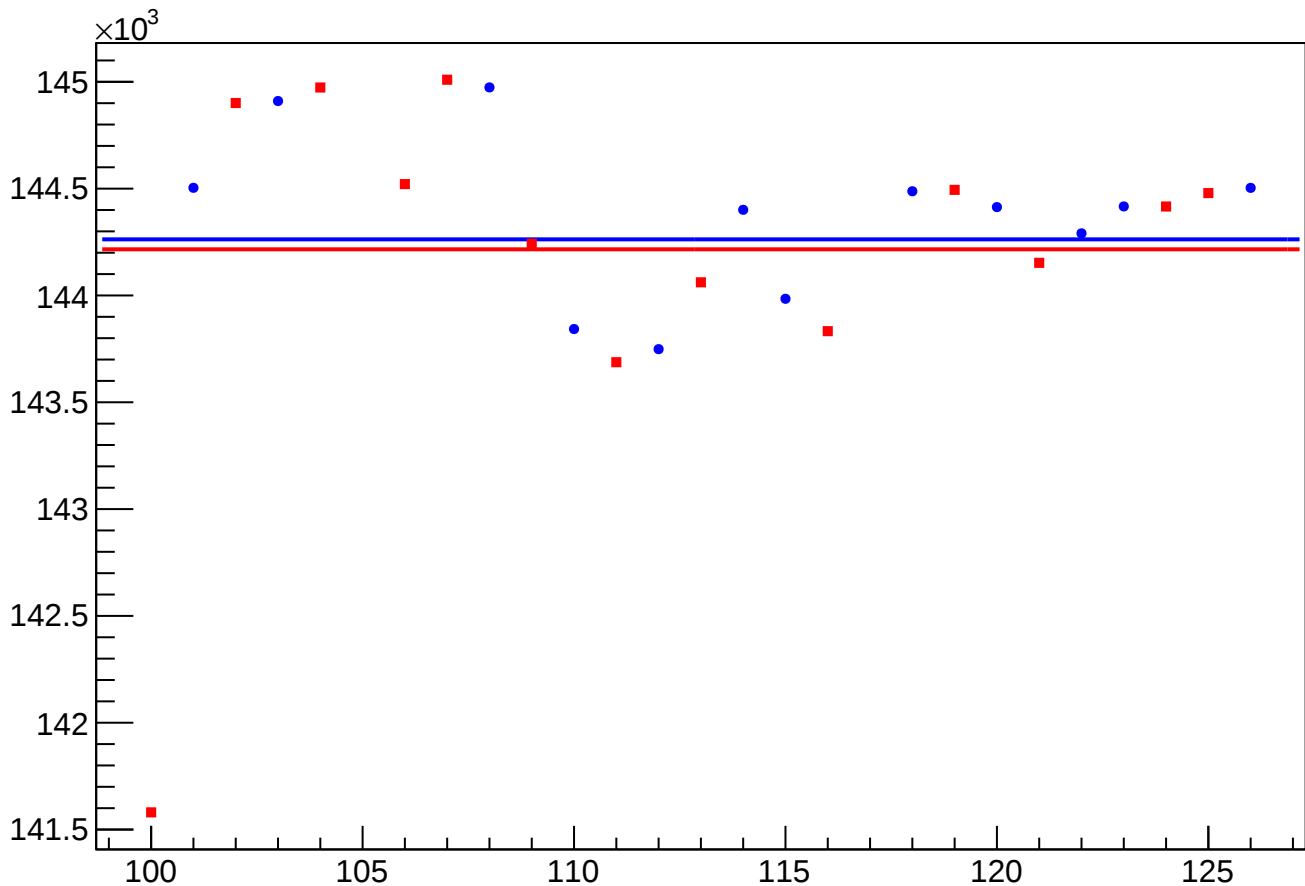
Right: 146.182 $\pm$ 0.038 χ^2 /NDF: 2325556.4/24

In: 150.882 $\pm$ 0.056 χ^2 /NDF:1106506.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

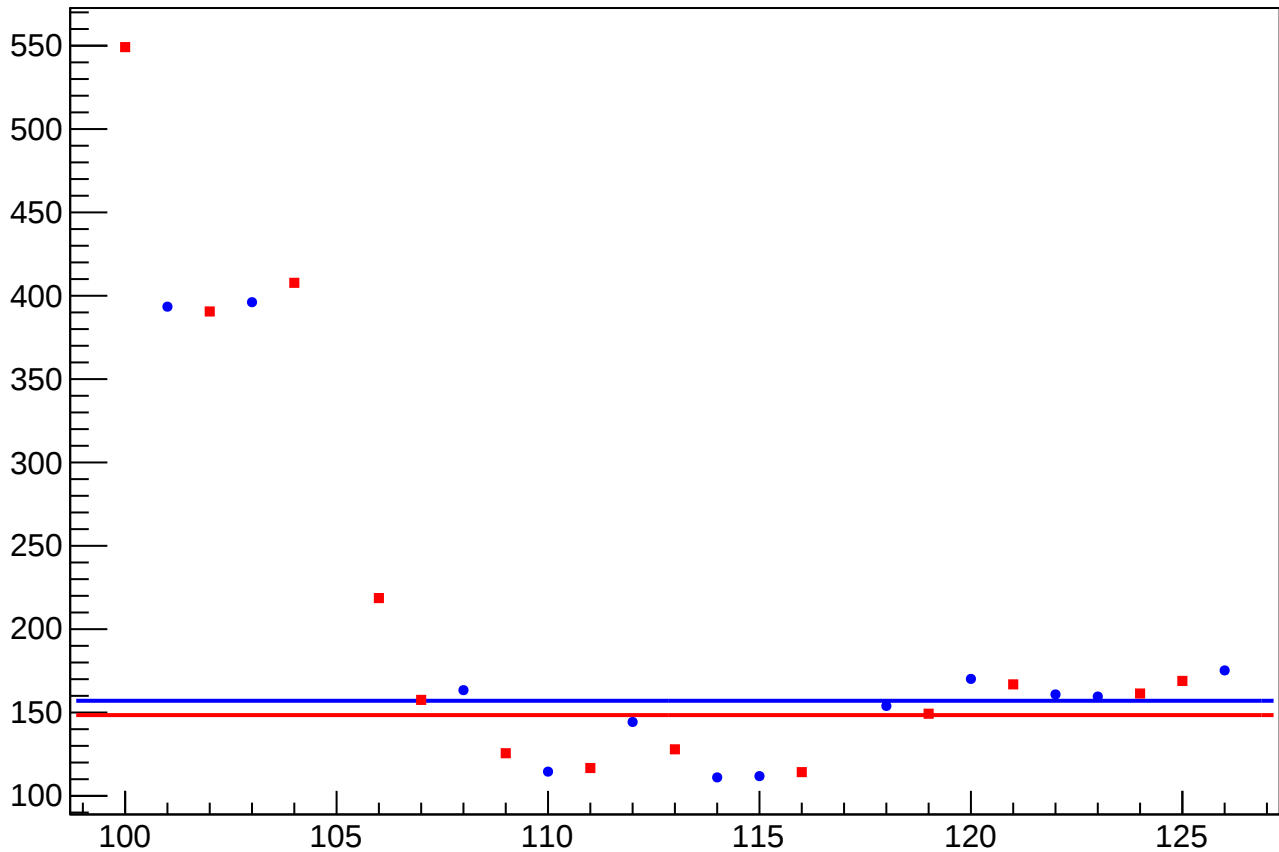
All: 146.182 $\pm$ 0.038 χ^2 /NDF: 2325556.4/24

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: 144262.629 $\pm$ 0.083 χ^2 /NDF: 21661733.9/11
 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: 144236.651 $\pm$ 0.055 χ^2 /NDF: 50944293.5/24
 In: 144262.629 $\pm$ 0.083 χ^2 /NDF:21661733.9/11
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 144236.651 $\pm$ 0.055 χ^2 /NDF: 50944293.5/24

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 157.047+/-0.058 χ^2/NDF : 1028348.2/11

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

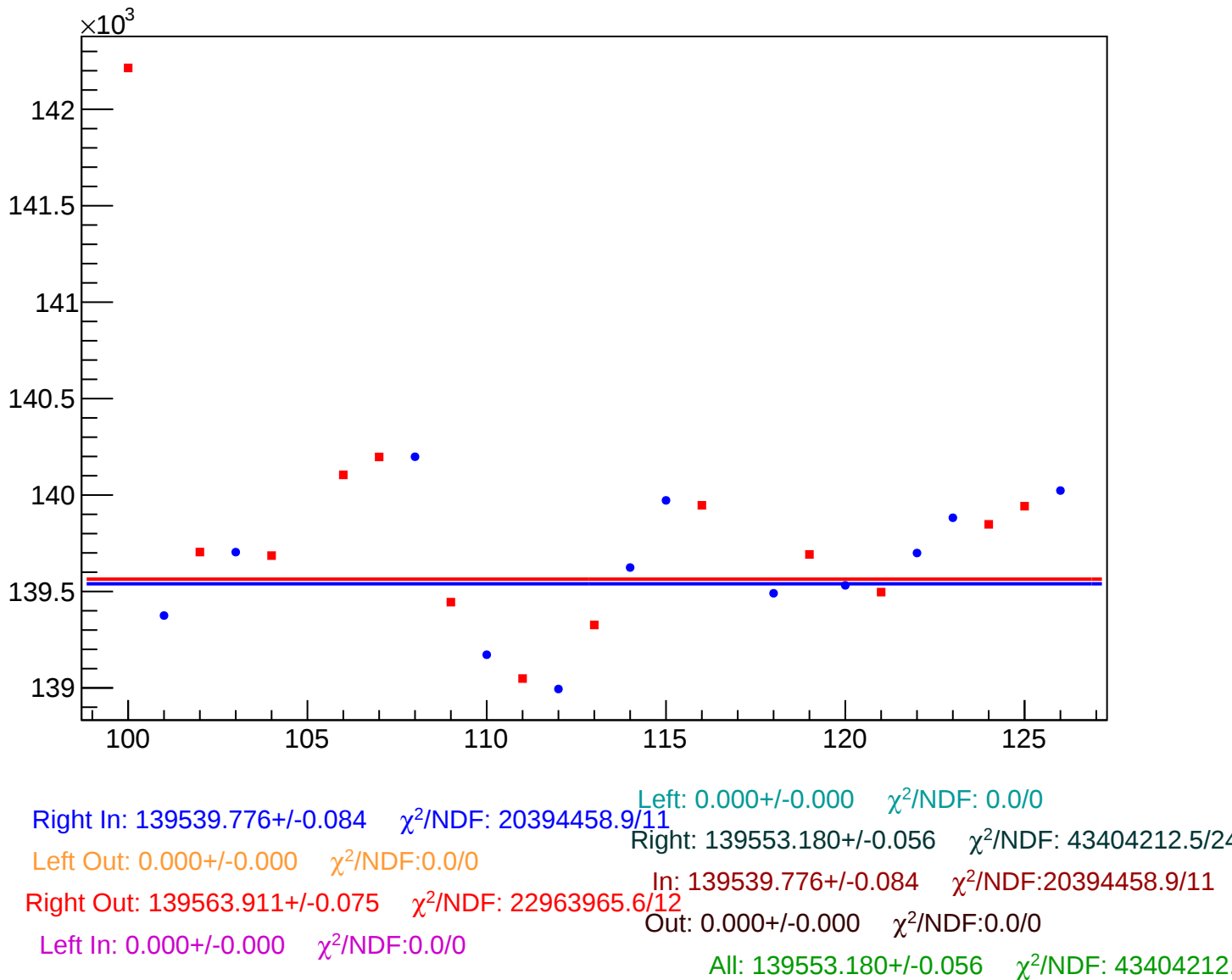
Right: 152.260+/-0.039 χ^2/NDF : 2169365.1/24

In: 157.047+/-0.058 χ^2/NDF : 1028348.2/11

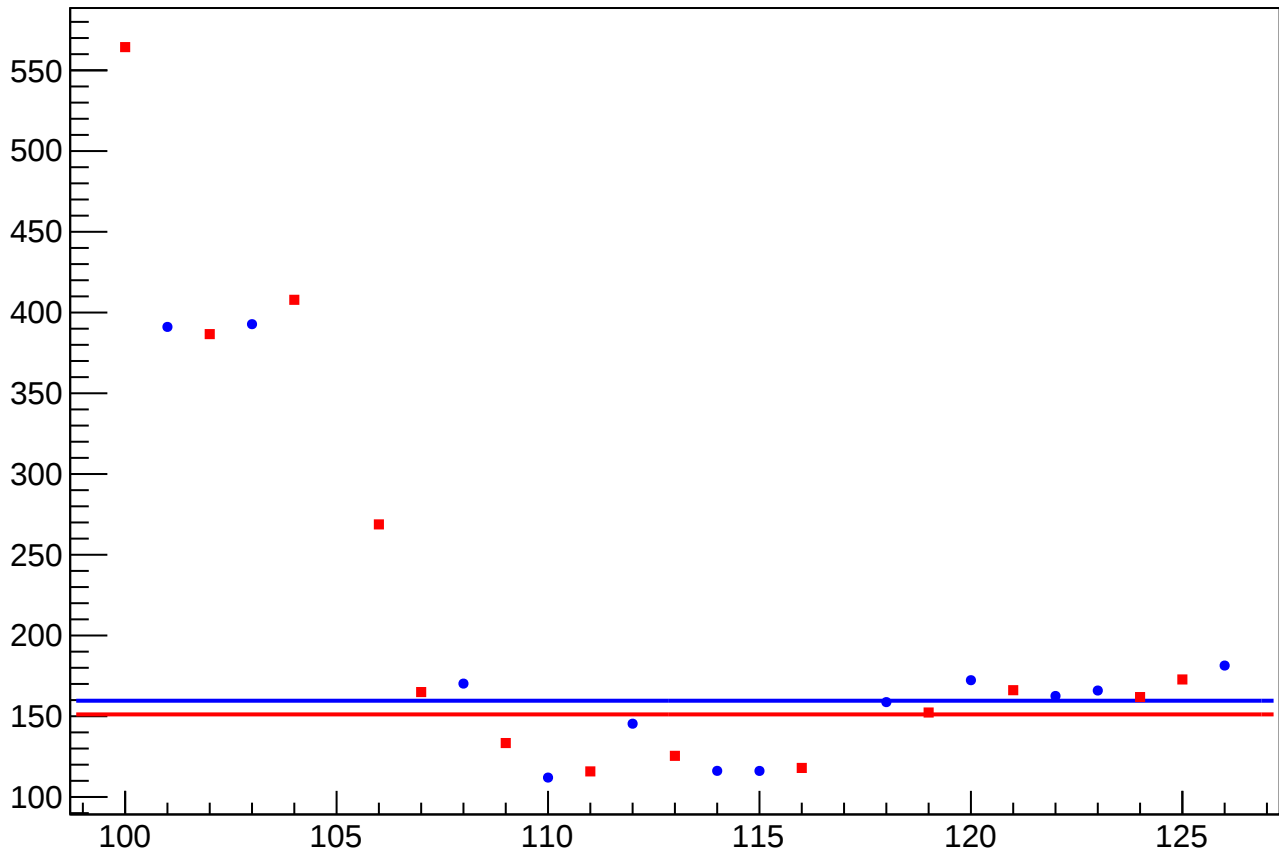
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.260+/-0.039 χ^2/NDF : 2169365.1/24

yield_bpm0l09WS_mean vs Slug, Sign Corrected



yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 159.608+/-0.059 χ^2/NDF : 1021177.4/11

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

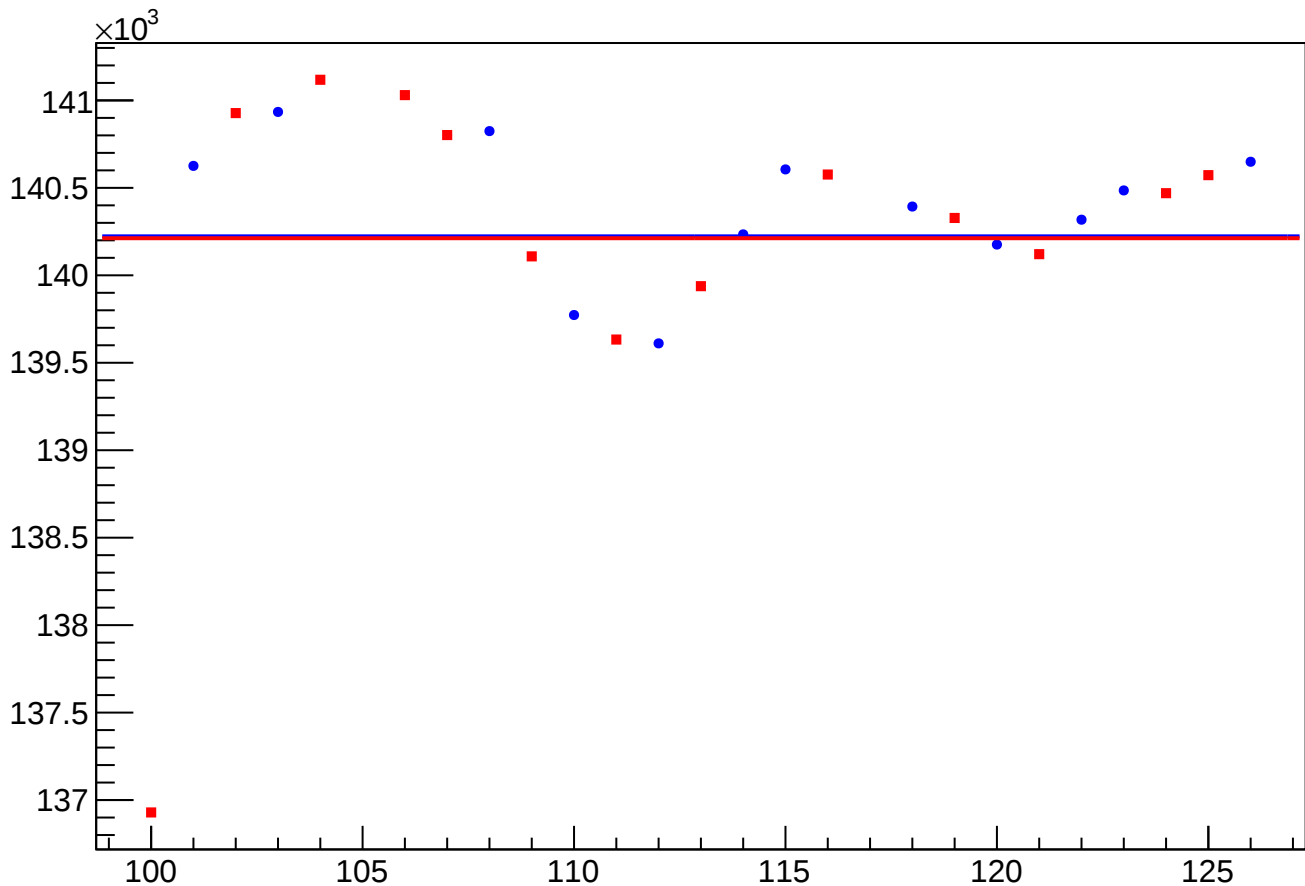
Right: 154.904+/-0.040 χ^2/NDF : 2194876.6/24

In: 159.608+/-0.059 χ^2/NDF : 1021177.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

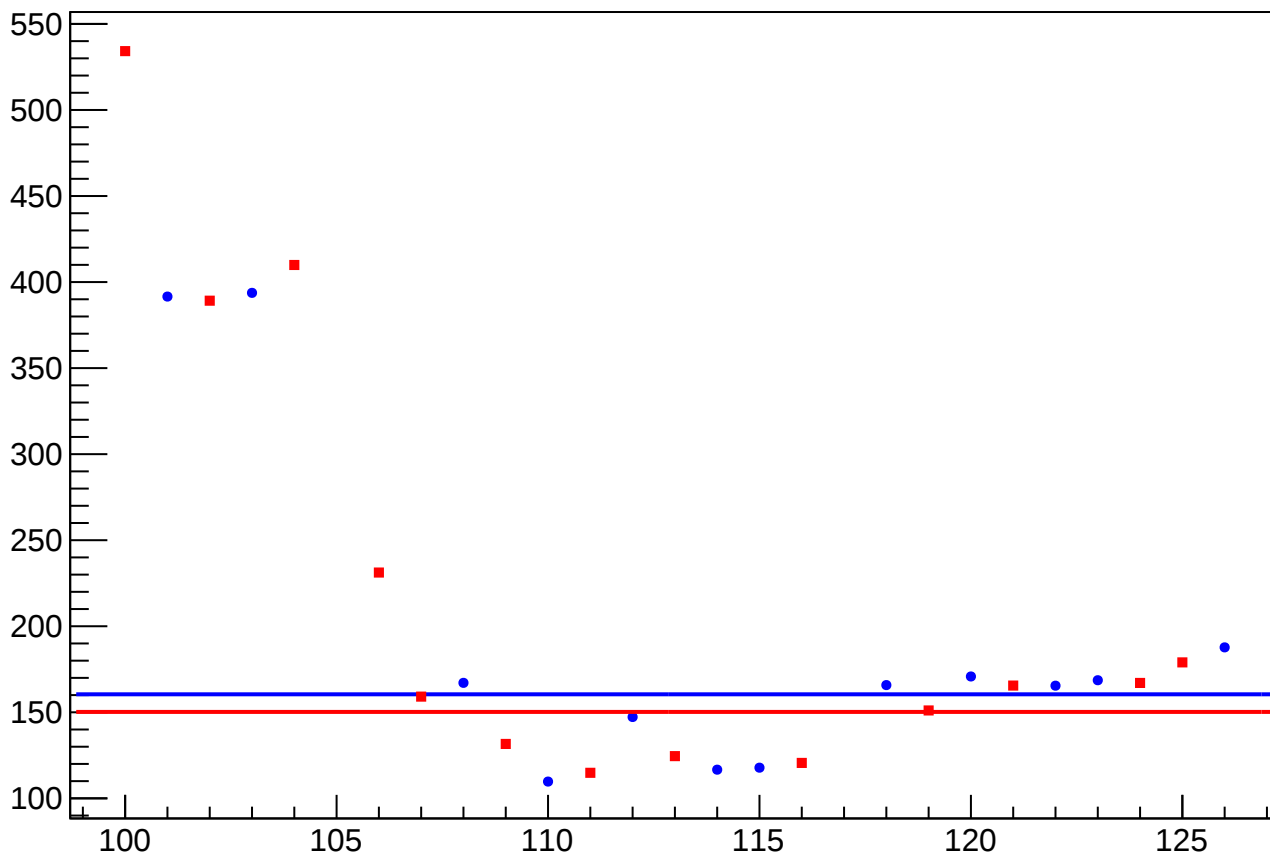
All: 154.904+/-0.040 χ^2/NDF : 2194876.6/24

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 140222.744+/-0.085 χ^2 /NDF: 24221734.0/11
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 140216.771+/-0.056 χ^2 /NDF: 56432271.5/24
 In: 140222.744+/-0.085 χ^2 /NDF: 24221734.0/11
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 140216.771+/-0.056 χ^2 /NDF: 56432271.5/24

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 160.455+/-0.060 χ^2/NDF : 1040144.3/11

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

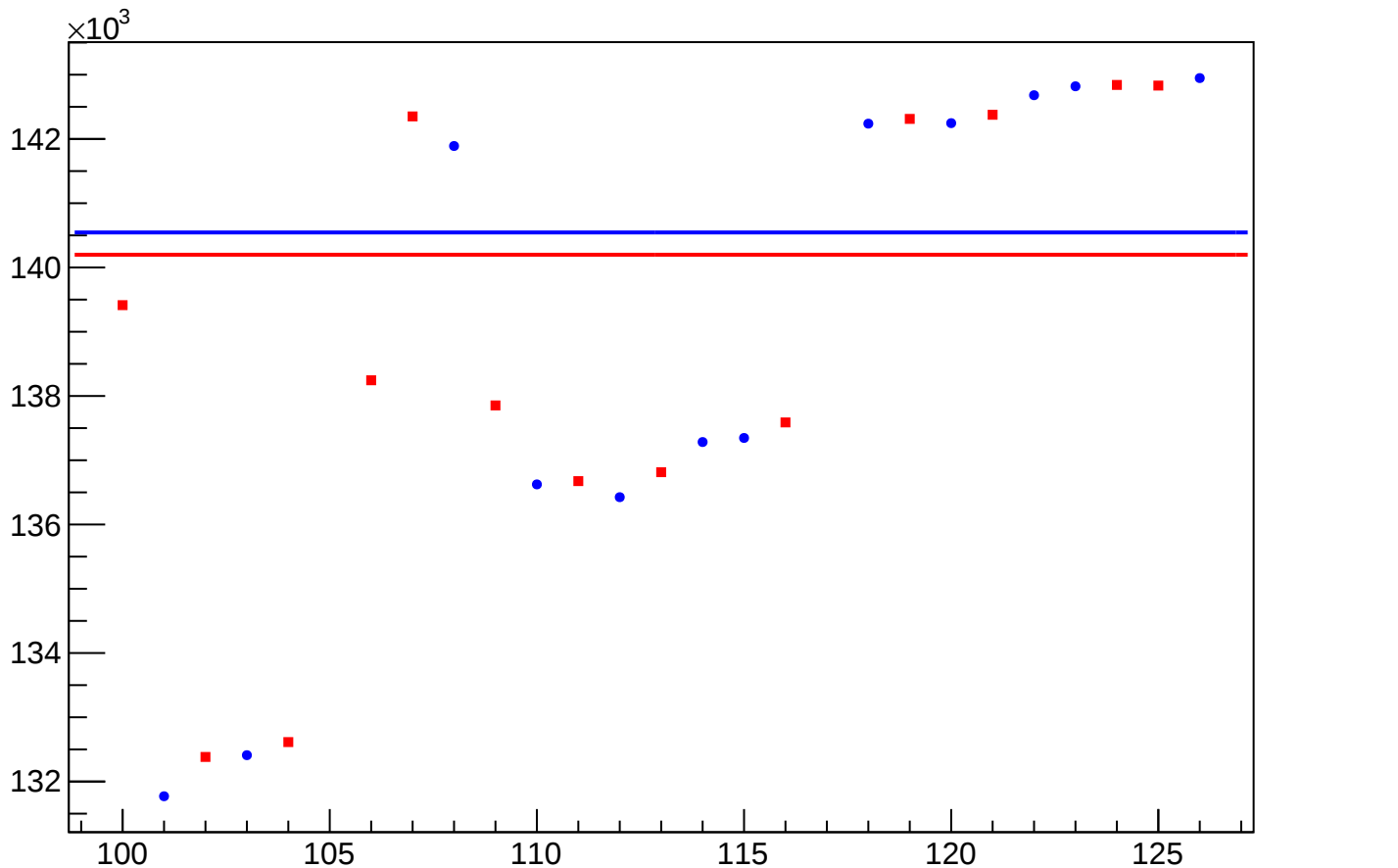
Right: 154.707+/-0.040 χ^2/NDF : 2189396.8/24

In: 160.455+/-0.060 χ^2/NDF : 1040144.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

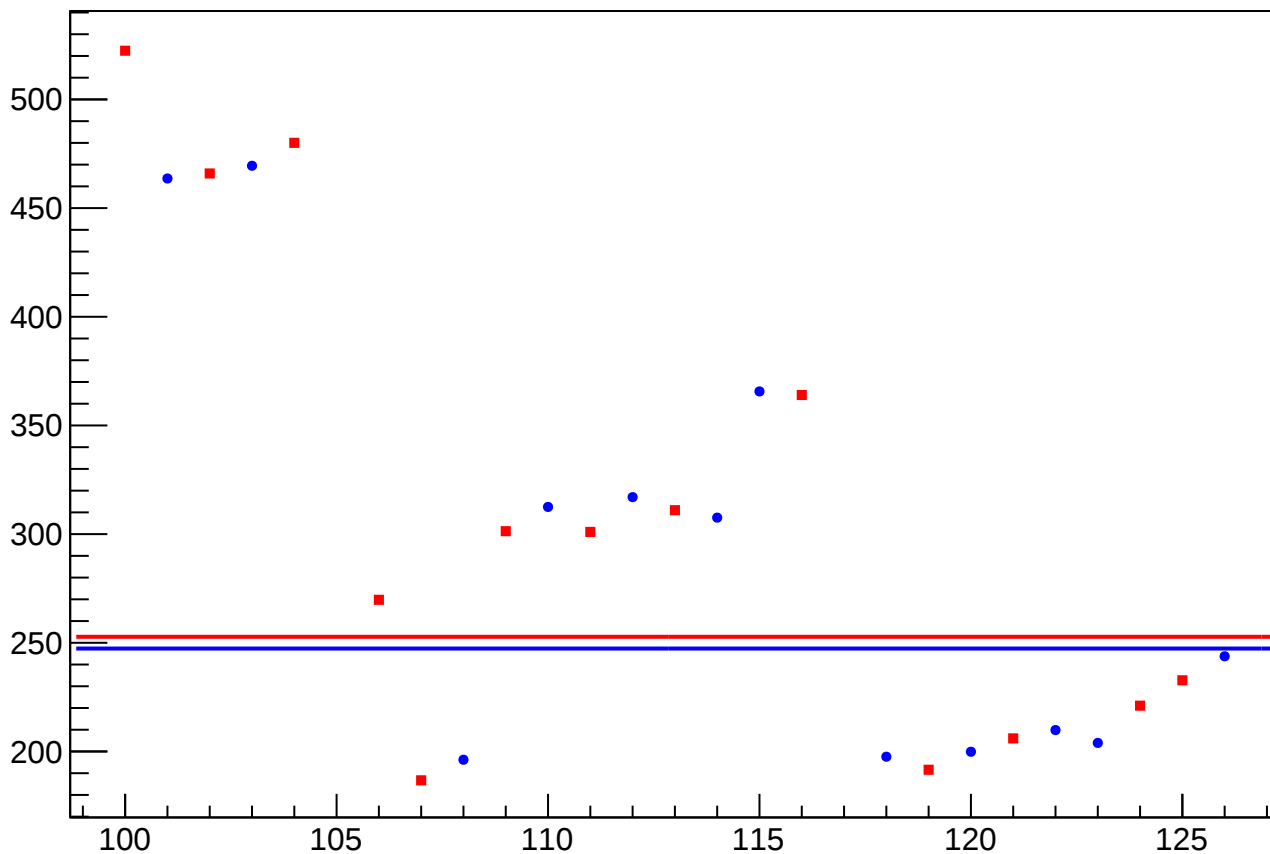
All: 154.707+/-0.040 χ^2/NDF : 2189396.8/24

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: 140545.003 $\pm$ 0.127 χ^2 /NDF: 689553396.2/11
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 140197.733 $\pm$ 0.123 χ^2 /NDF: 648806797.1/12
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 140365.393 $\pm$ 0.089 χ^2 /NDF: 1342203998.0/12

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 247.353+/-0.090 χ^2/NDF : 794049.2/11

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

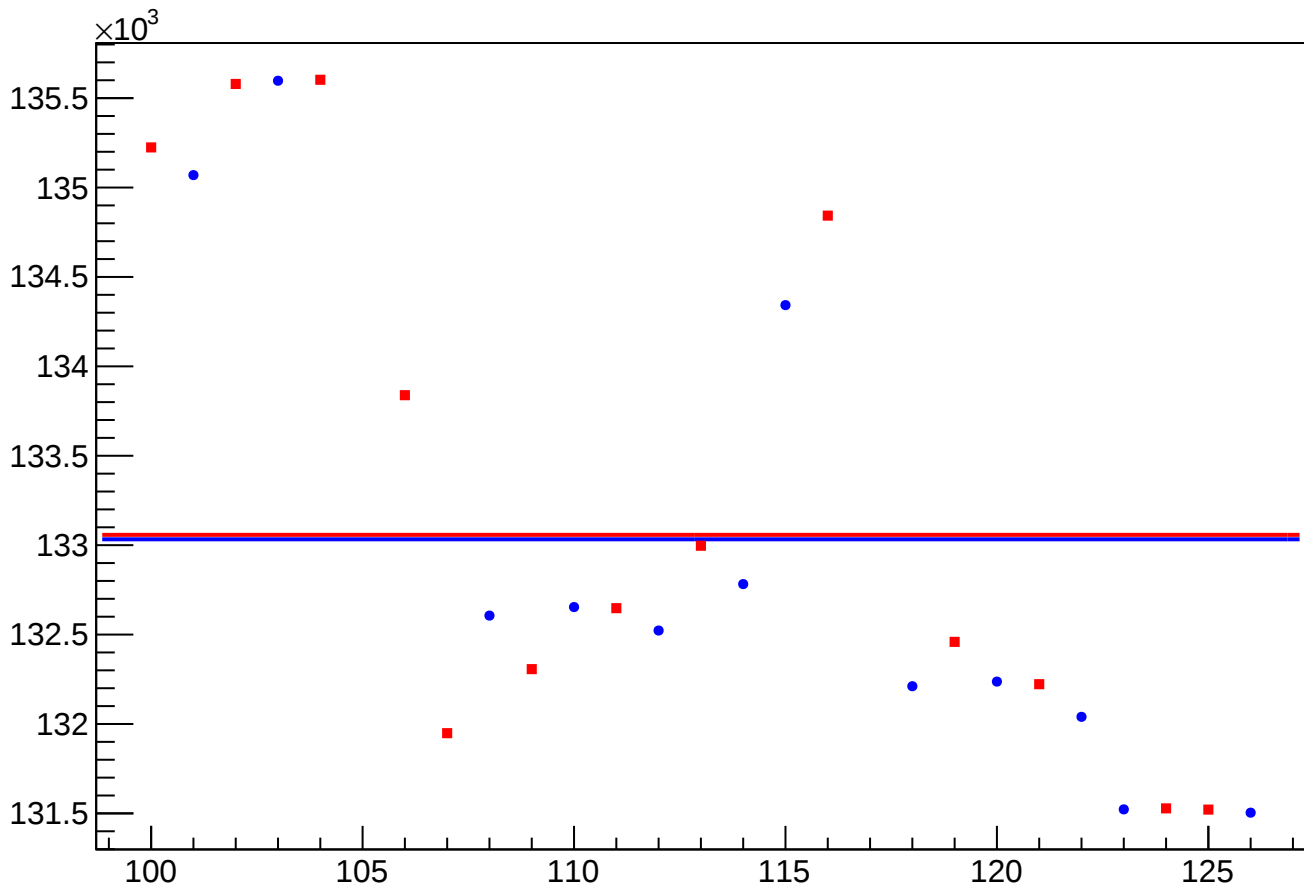
Right: 250.151+/-0.063 χ^2/NDF : 1638473.2/24

In: 247.353+/-0.090 χ^2/NDF : 794049.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

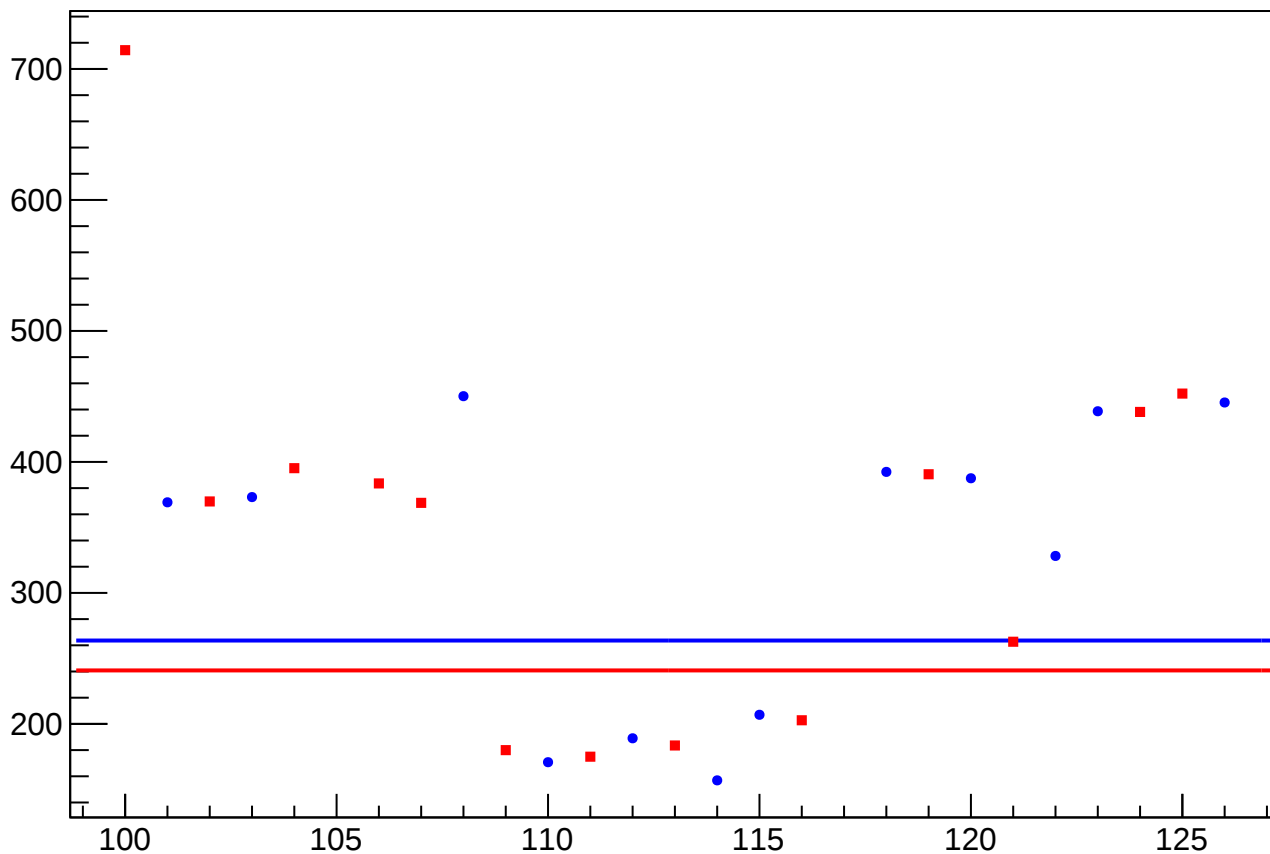
All: 250.151+/-0.063 χ^2/NDF : 1638473.2/24

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 133032.780 $\pm$ 0.139 χ^2 /NDF: 67066793.5/11
 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: 133046.998 $\pm$ 0.091 χ^2 /NDF: 156638141.4/2

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 263.646+/-0.099 χ^2/NDF : 1104541.0/11

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

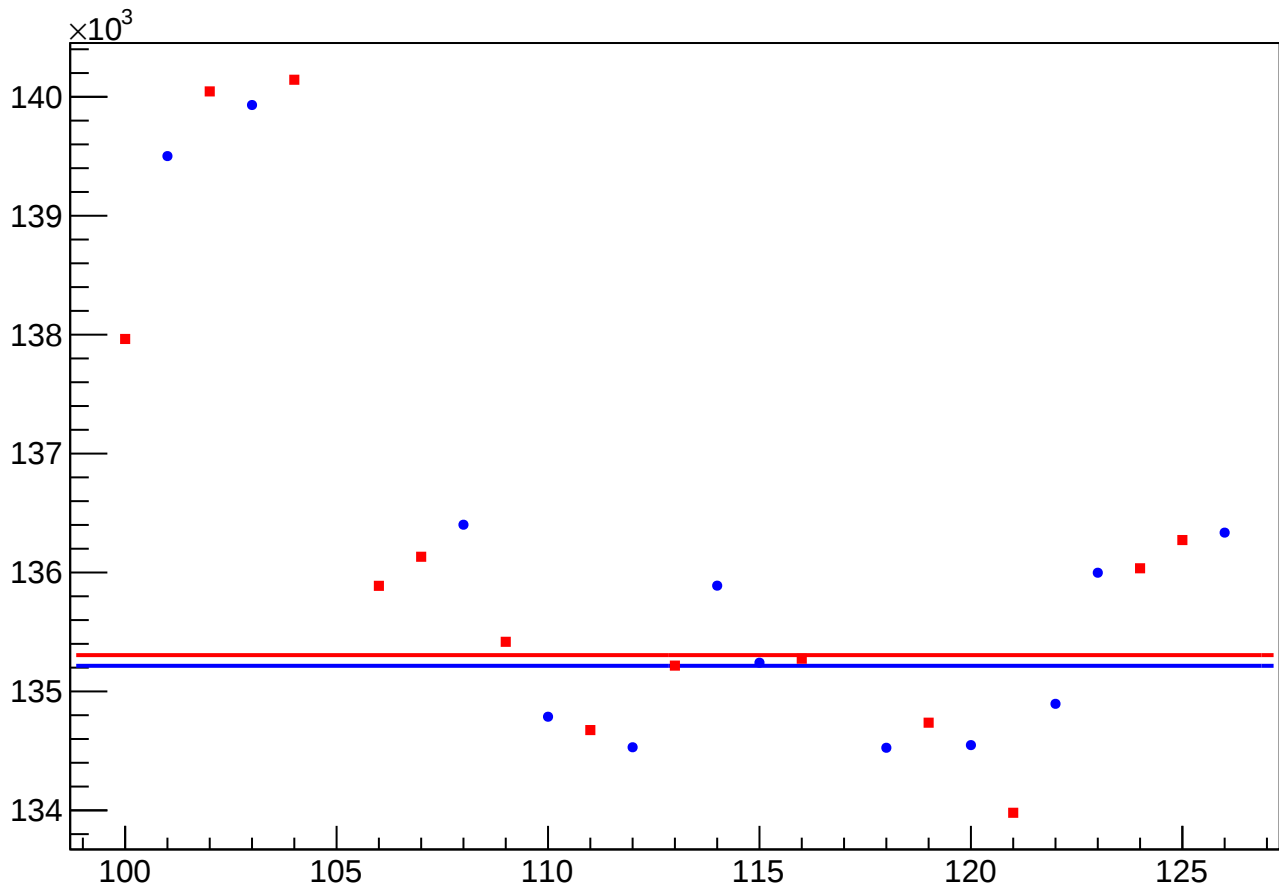
Right: 250.607+/-0.064 χ^2/NDF : 2302058.6/24

In: 263.646+/-0.099 χ^2/NDF : 1104541.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 250.607+/-0.064 χ^2/NDF : 2302058.6/24

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 135215.394+/-0.065 χ^2 /NDF: 282117730.1/11

Right: 135263.908+/-0.044 χ^2 /NDF: 540628203.8/2

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

Right Out: 135305.265+/-0.060 χ^2 /NDF: 257486845.6/12

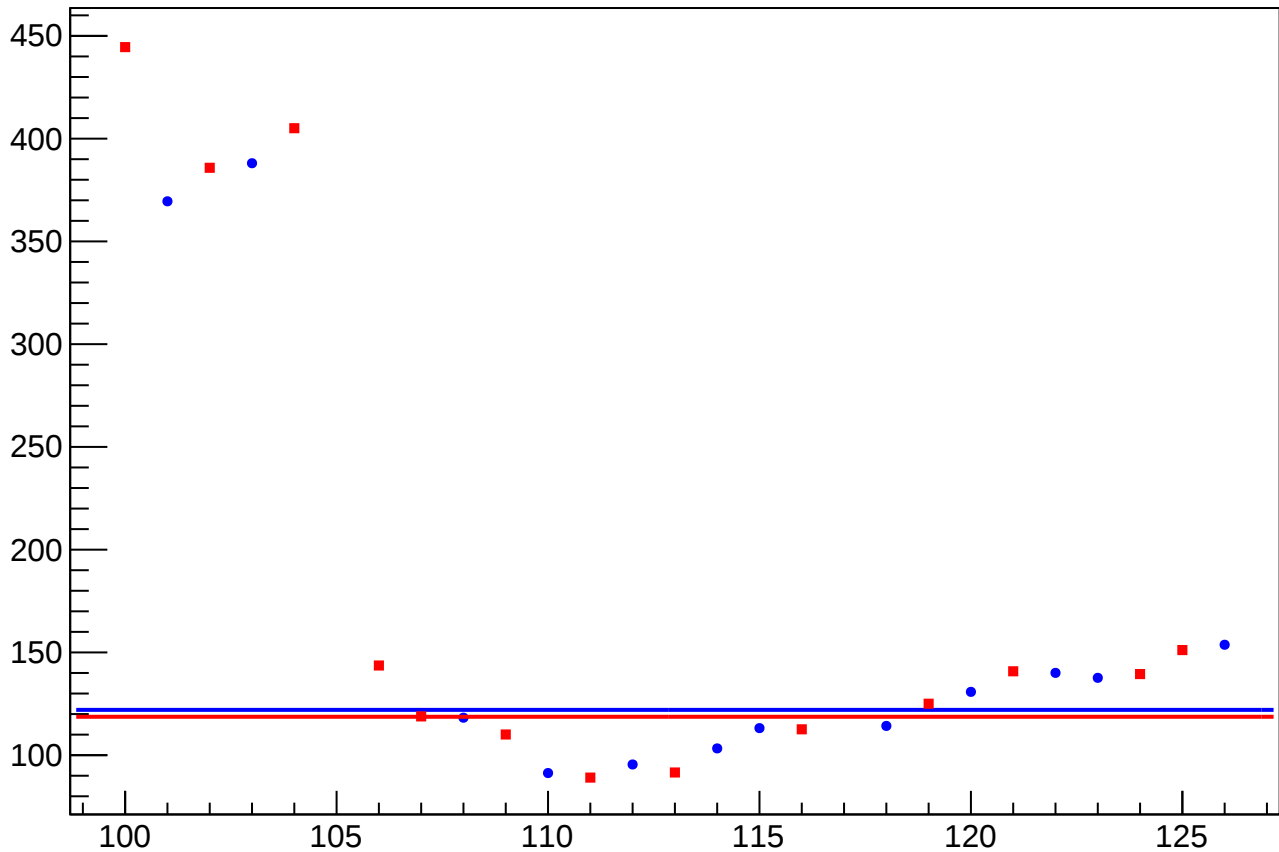
In: 135215.394+/-0.065 χ^2 /NDF: 282117730.1/11

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 135263.908+/-0.044 χ^2 /NDF: 540628203.8/2

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 122.047+/-0.046 χ^2/NDF : 1260554.0/11

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

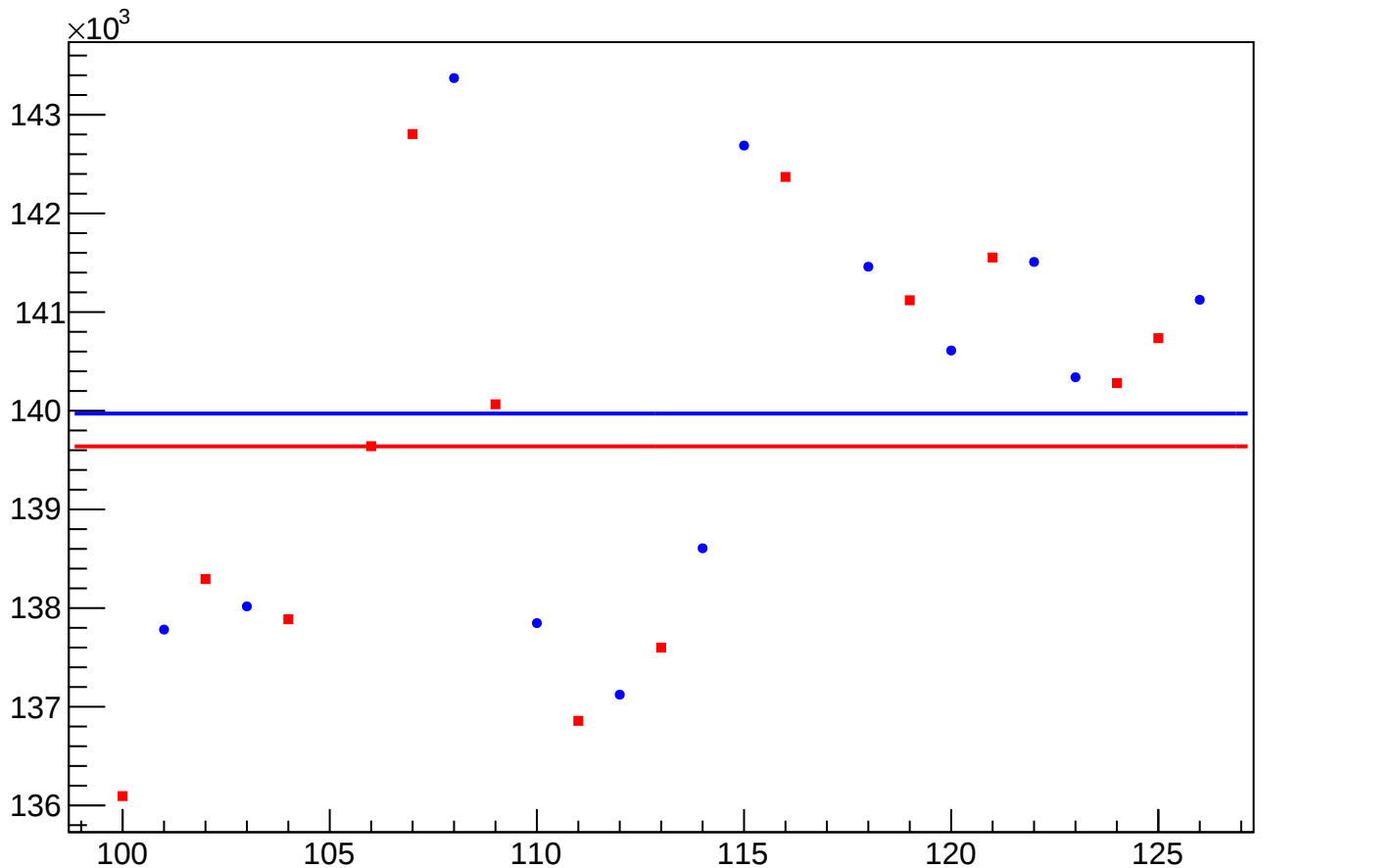
Right: 120.234+/-0.031 χ^2/NDF : 2595808.7/24

In: 122.047+/-0.046 χ^2/NDF : 1260554.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

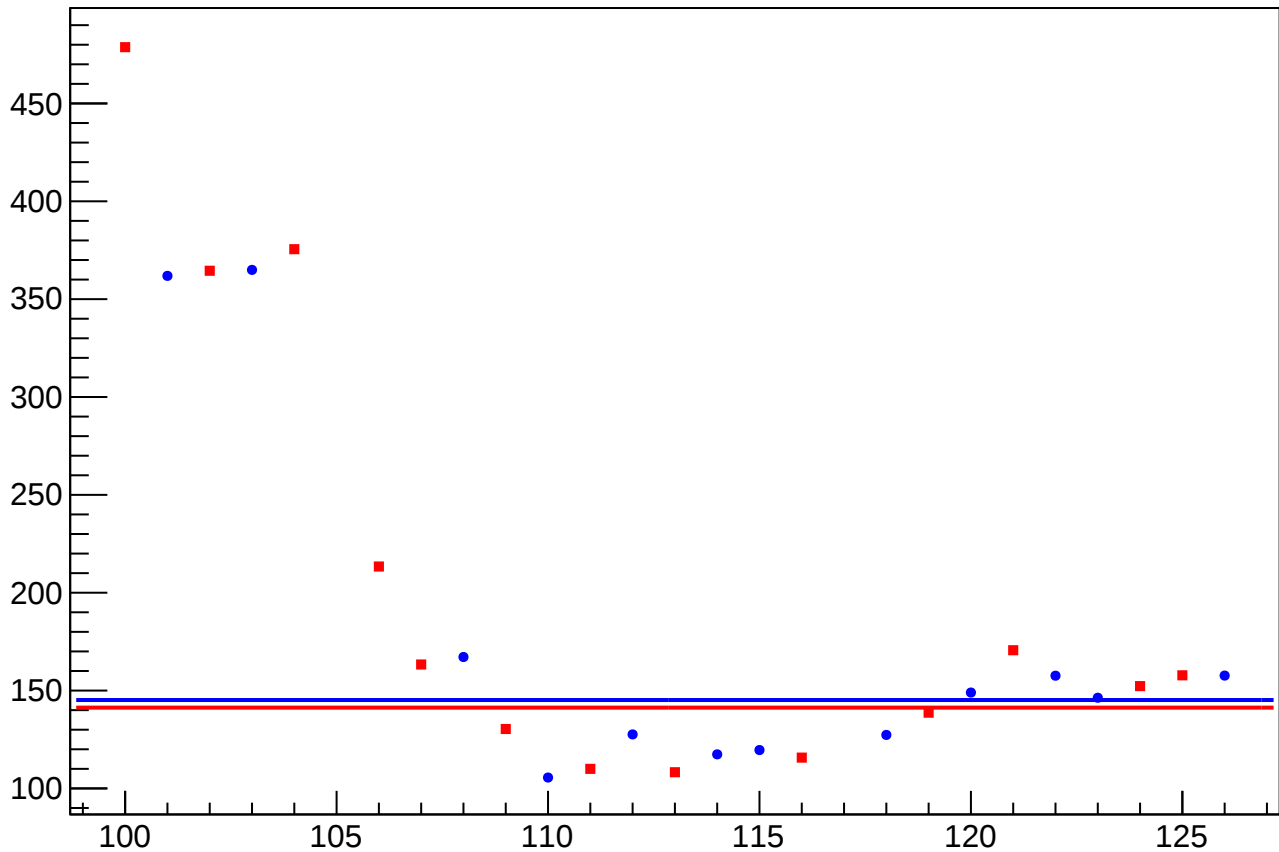
All: 120.234+/-0.031 χ^2/NDF : 2595808.7/24

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 139971.427 $\pm$ 0.076 χ^2 /NDF: 748174132.8/11
 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: 139792.607 $\pm$ 0.052 χ^2 /NDF: 1590595234.1/12
 In: 139971.427 $\pm$ 0.076 χ^2 /NDF: 748174132.8/11
 Right Out: 139638.905 $\pm$ 0.071 χ^2 /NDF: 832195725.1/12
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 139792.607 $\pm$ 0.052 χ^2 /NDF: 1590595234.1/12

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 145.170+/-0.054 χ^2/NDF : 1007963.4/11

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

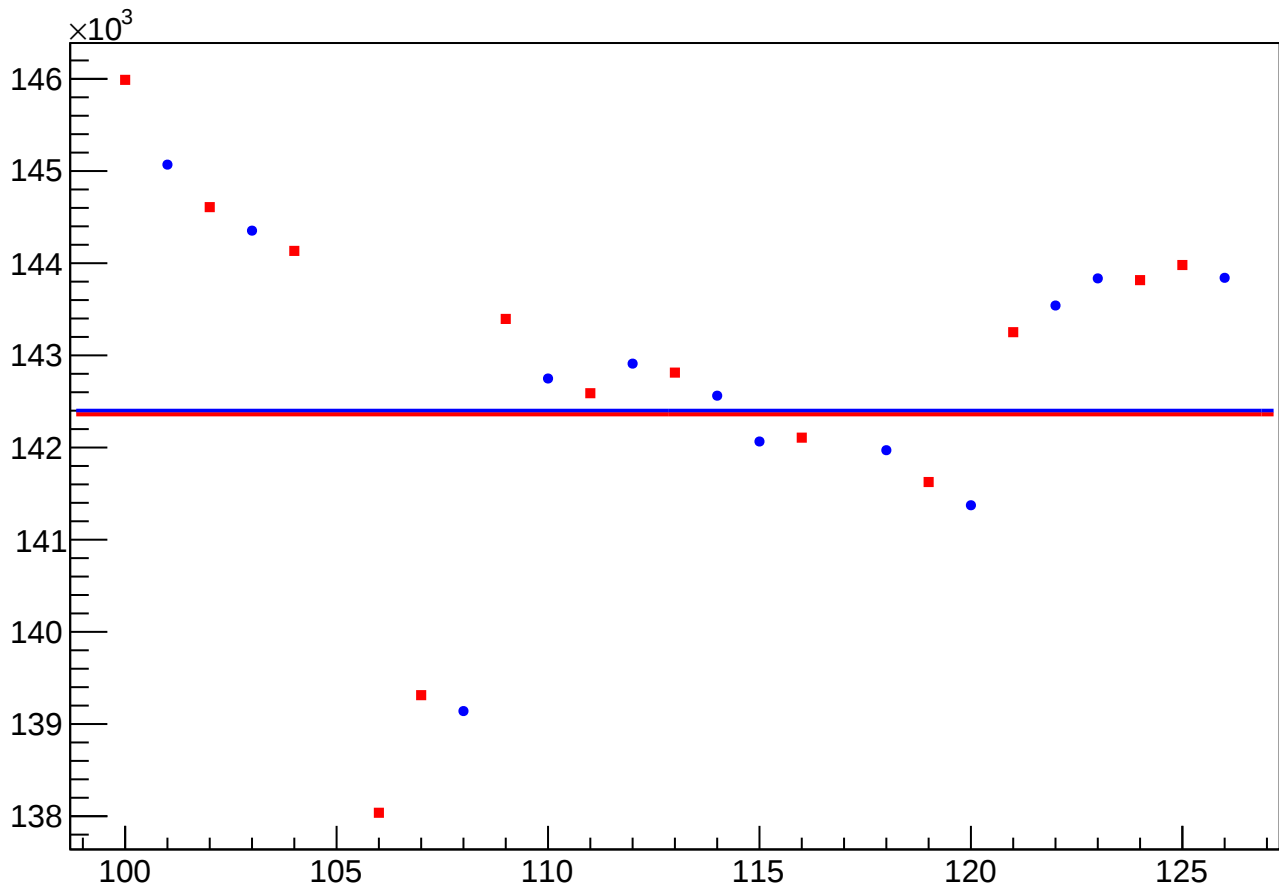
Right: 143.081+/-0.037 χ^2/NDF : 2142686.9/24

In: 145.170+/-0.054 χ^2/NDF : 1007963.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.081+/-0.037 χ^2/NDF : 2142686.9/24

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 142399.352+/-0.082 χ^2 /NDF: 311637300.7/11

Right: 142377.270+/-0.054 χ^2 /NDF: 736836451.6/2

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

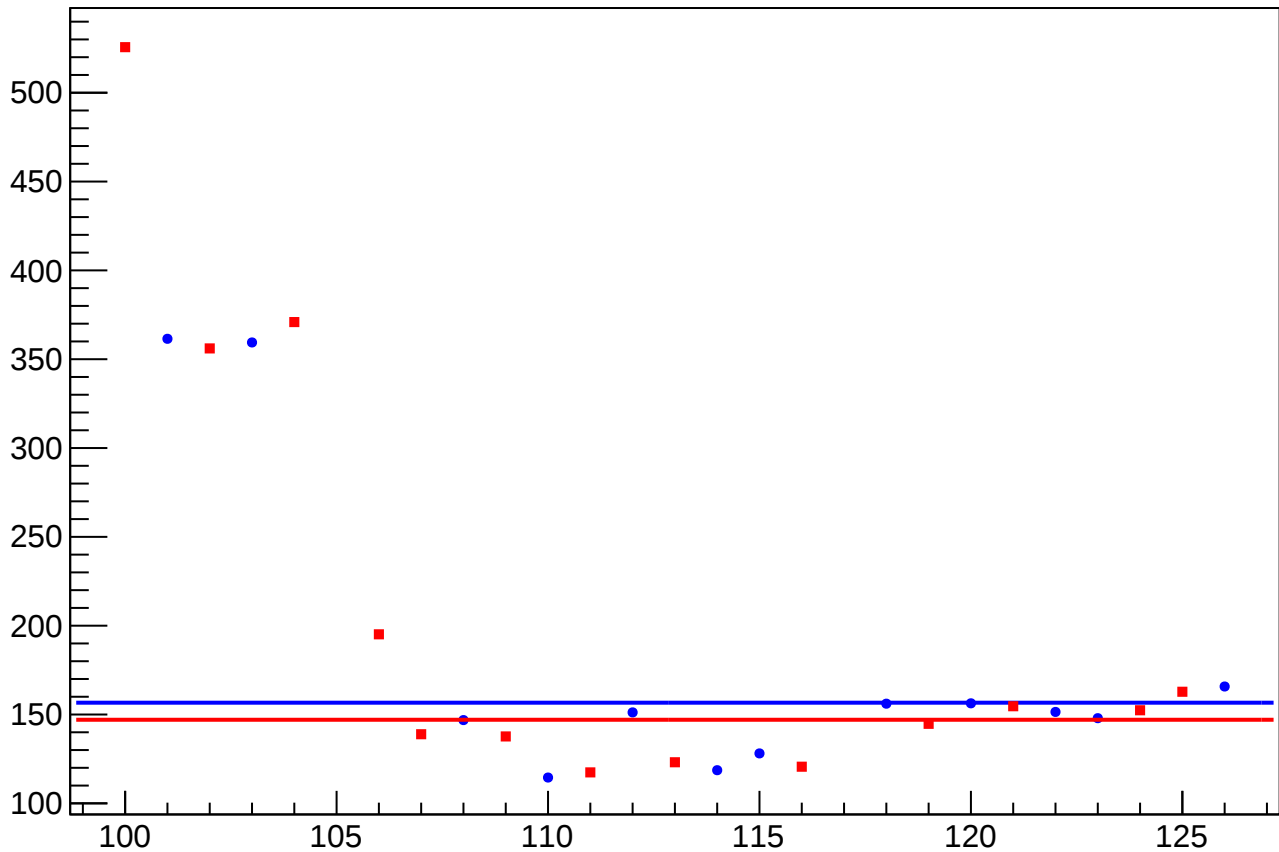
Right Out: 142359.788+/-0.073 χ^2 /NDF: 425068786.2/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 142377.270+/-0.054 χ^2 /NDF: 736836451.6/2

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 156.655 $\pm$ 0.058 χ^2 /NDF: 866442.9/11

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

Right Out: 147.049 $\pm$ 0.052 χ^2 /NDF: 957668.0/12

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

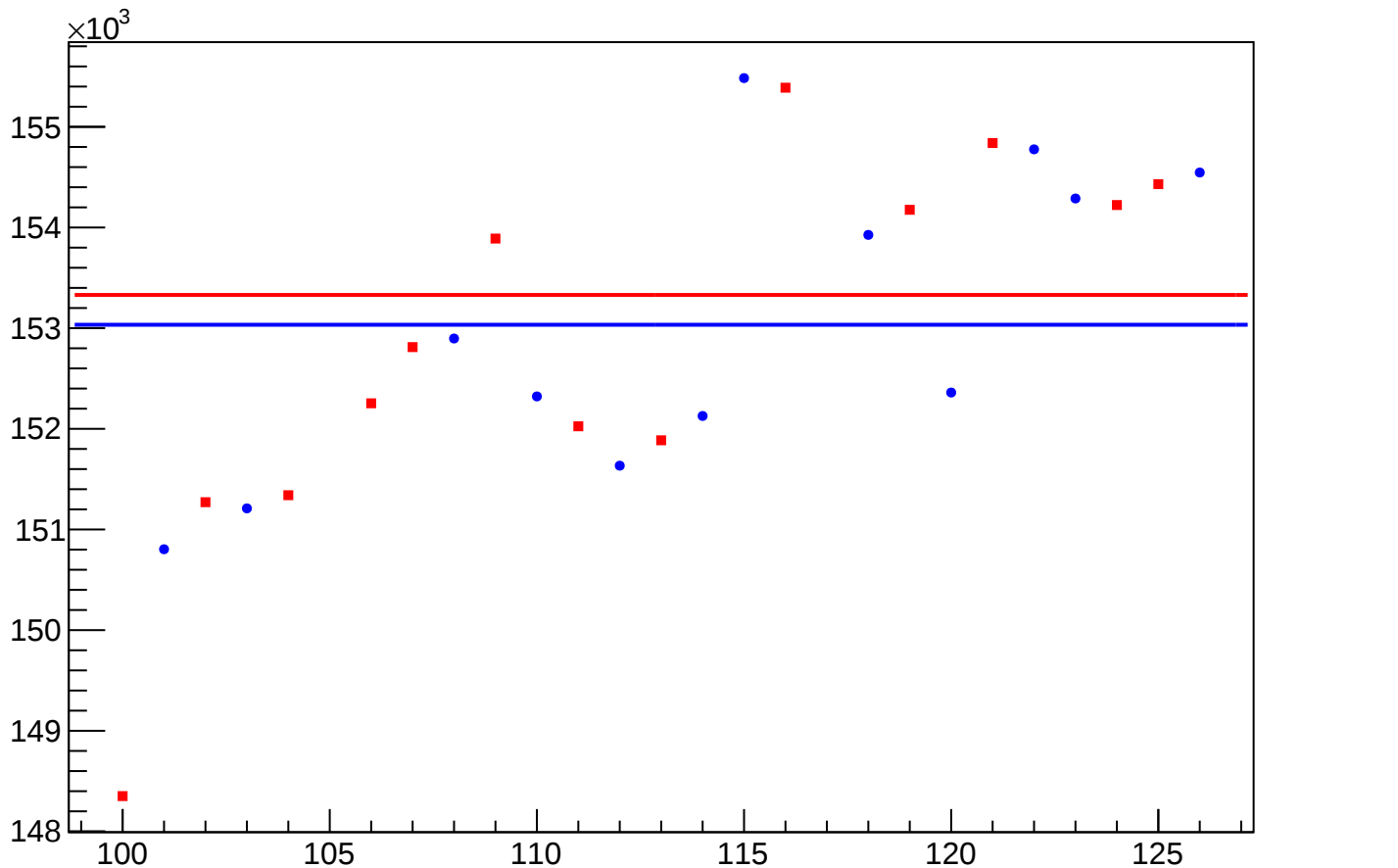
Right: 151.294 $\pm$ 0.038 χ^2 /NDF: 1839481.0/24

In: 156.655 $\pm$ 0.058 χ^2 /NDF:866442.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

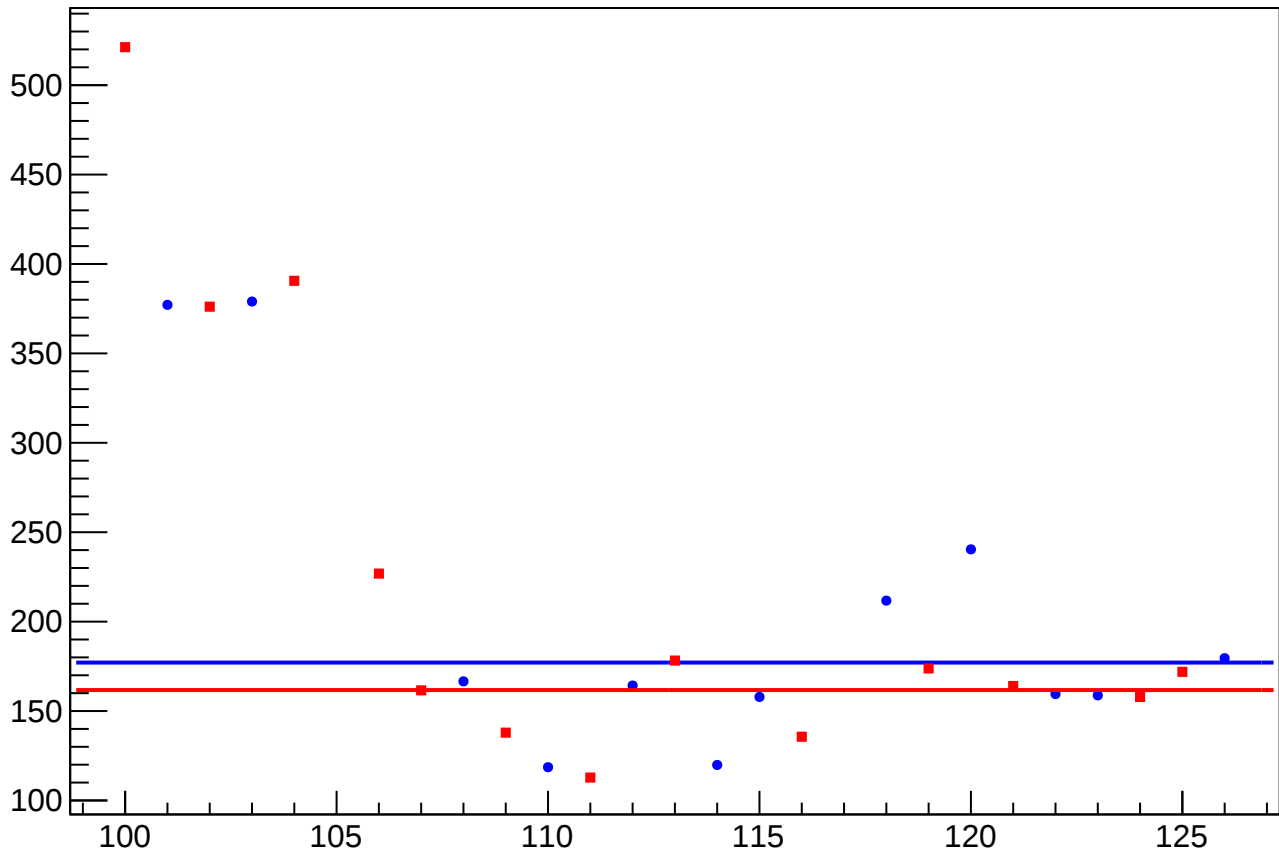
All: 151.294 $\pm$ 0.038 χ^2 /NDF: 1839481.0/24

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 153033.782+/-0.096 χ^2 /NDF: 182523398.9/11
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 153204.285+/-0.062 χ^2 /NDF: 422279018.3/2
 In: 153033.782+/-0.096 χ^2 /NDF: 182523398.9/11
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 153204.285+/-0.062 χ^2 /NDF: 422279018.3/2

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 177.111+/-0.068 χ^2/NDF : 926389.7/11

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

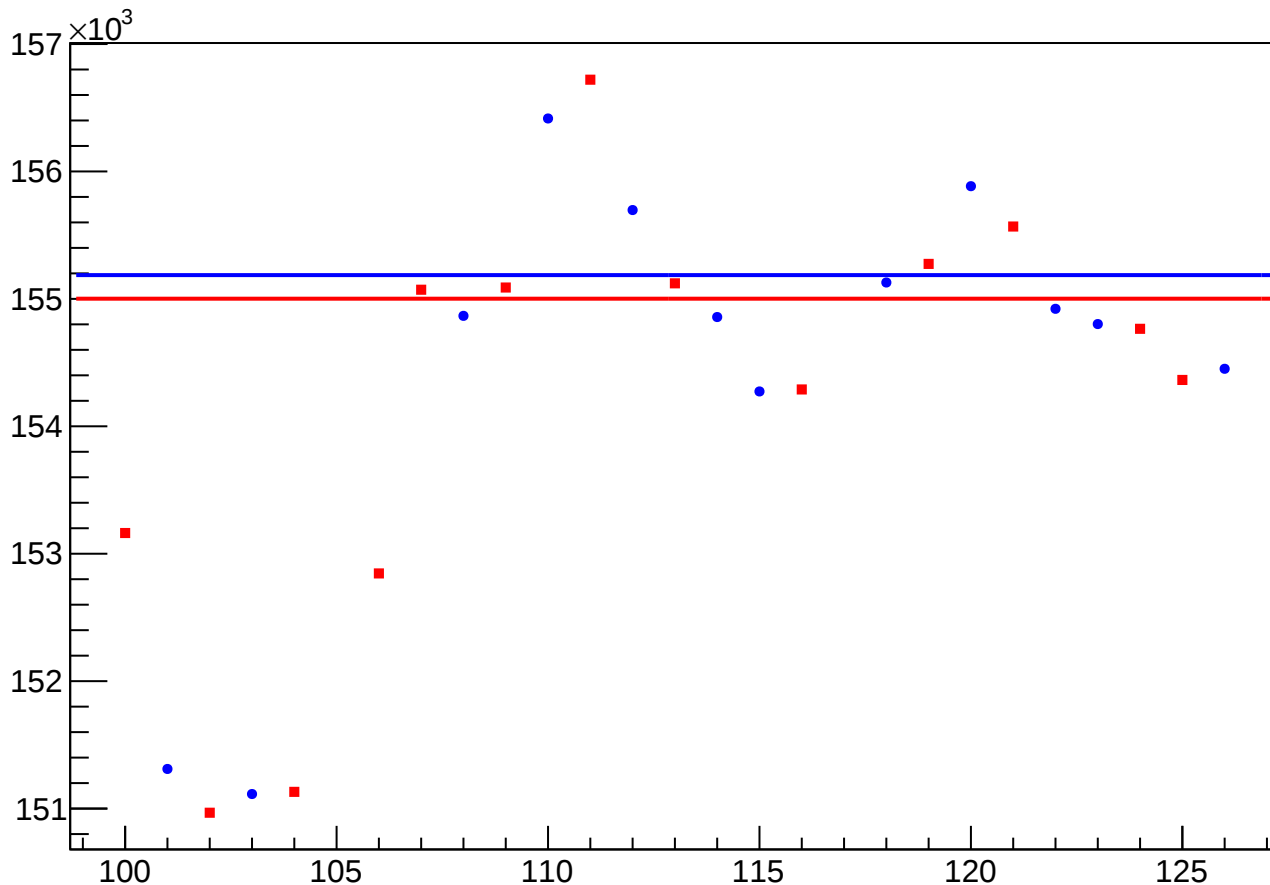
Right: 168.252+/-0.044 χ^2/NDF : 1963910.9/24

In: 177.111+/-0.068 χ^2/NDF : 926389.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.252+/-0.044 χ^2/NDF : 1963910.9/24

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 155186.525+/-0.079 χ^2 /NDF: 176116548.0/11

Right: 155084.932+/-0.053 χ^2 /NDF: 444002342.6/2

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

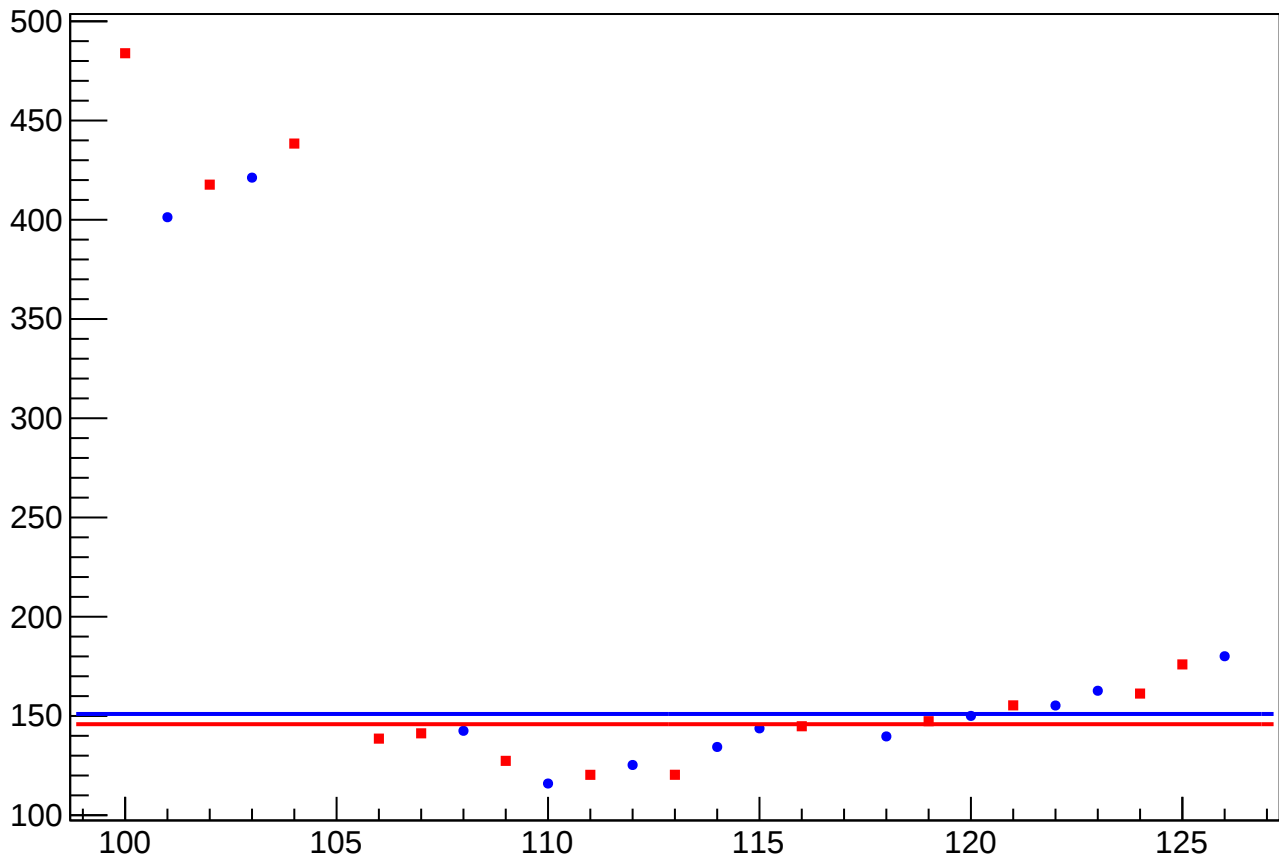
Right Out: 155001.441+/-0.072 χ^2 /NDF: 264886743.8/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 155084.932+/-0.053 χ^2 /NDF: 444002342.6/2

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 151.008+/-0.056 χ^2/NDF : 1054114.0/11

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

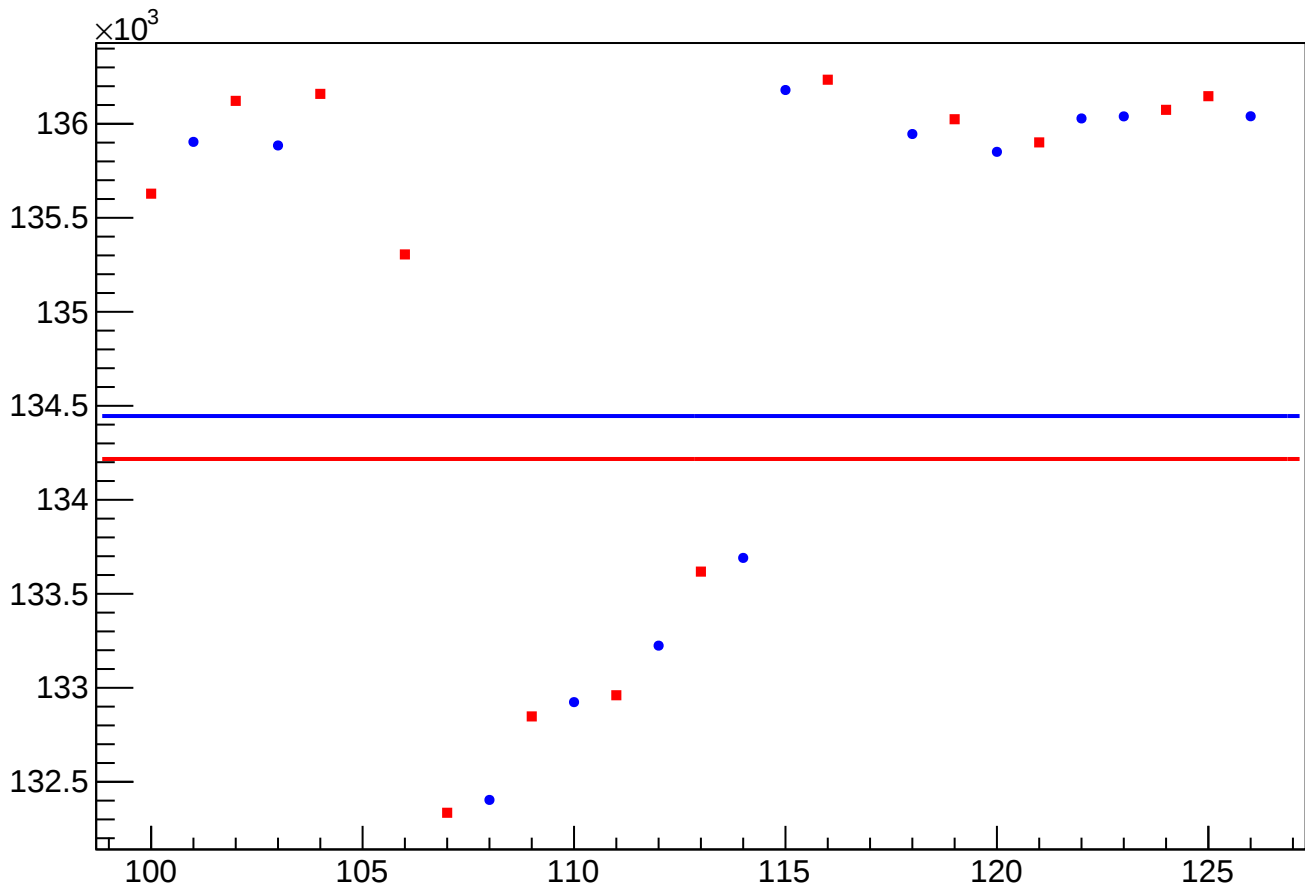
Right: 148.179+/-0.038 χ^2/NDF : 2150426.9/24

In: 151.008+/-0.056 χ^2/NDF : 1054114.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

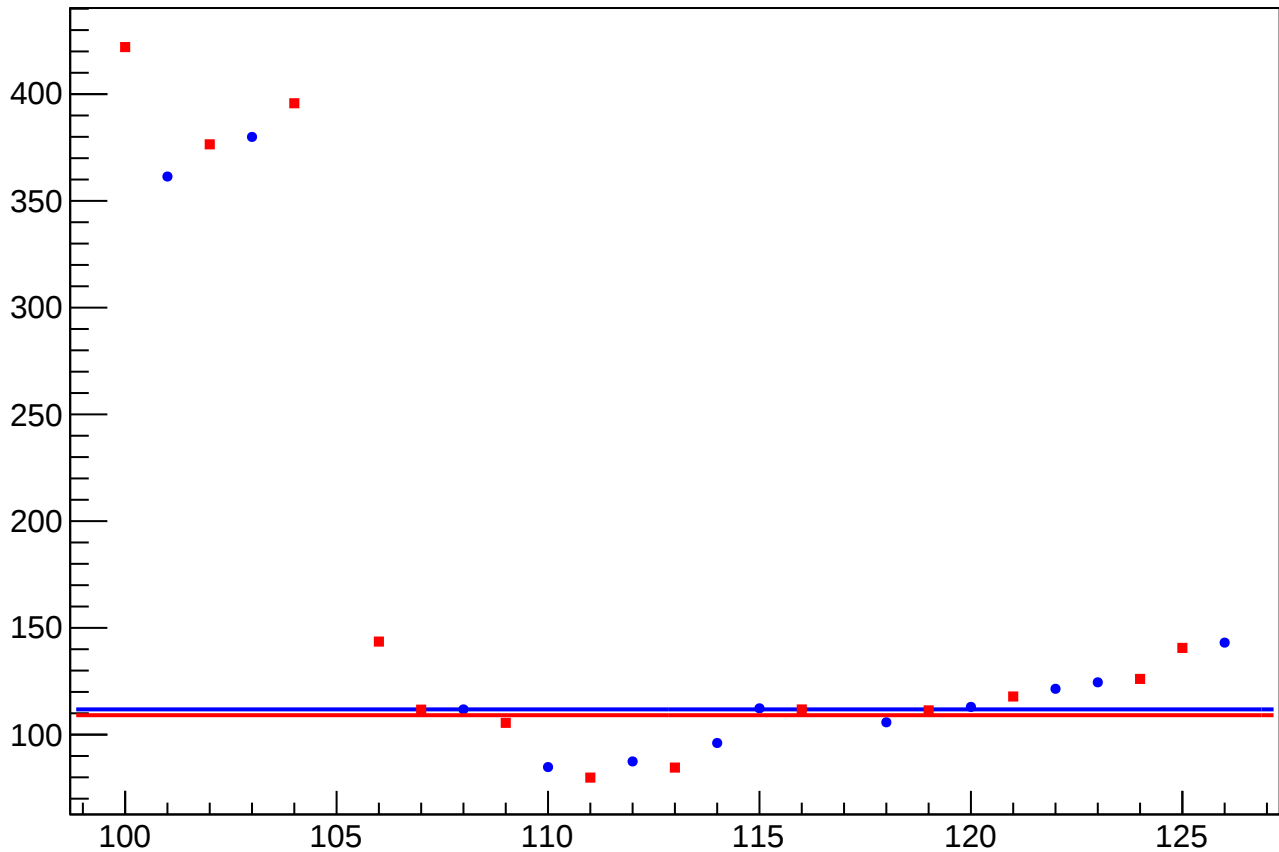
All: 148.179+/-0.038 χ^2/NDF : 2150426.9/24

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 134445.644 $\pm$ 0.060 χ^2 /NDF: 640611365.9/11
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 134217.184 $\pm$ 0.055 χ^2 /NDF: 720611496.7/12
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 134322.492 $\pm$ 0.041 χ^2 /NDF: 1369084013.3/13
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 134322.492 $\pm$ 0.041 χ^2 /NDF: 1369084013.3/13
 In: 134445.644 $\pm$ 0.060 χ^2 /NDF:640611365.9/11
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 111.825+/-0.042 χ^2/NDF : 1307677.9/11

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

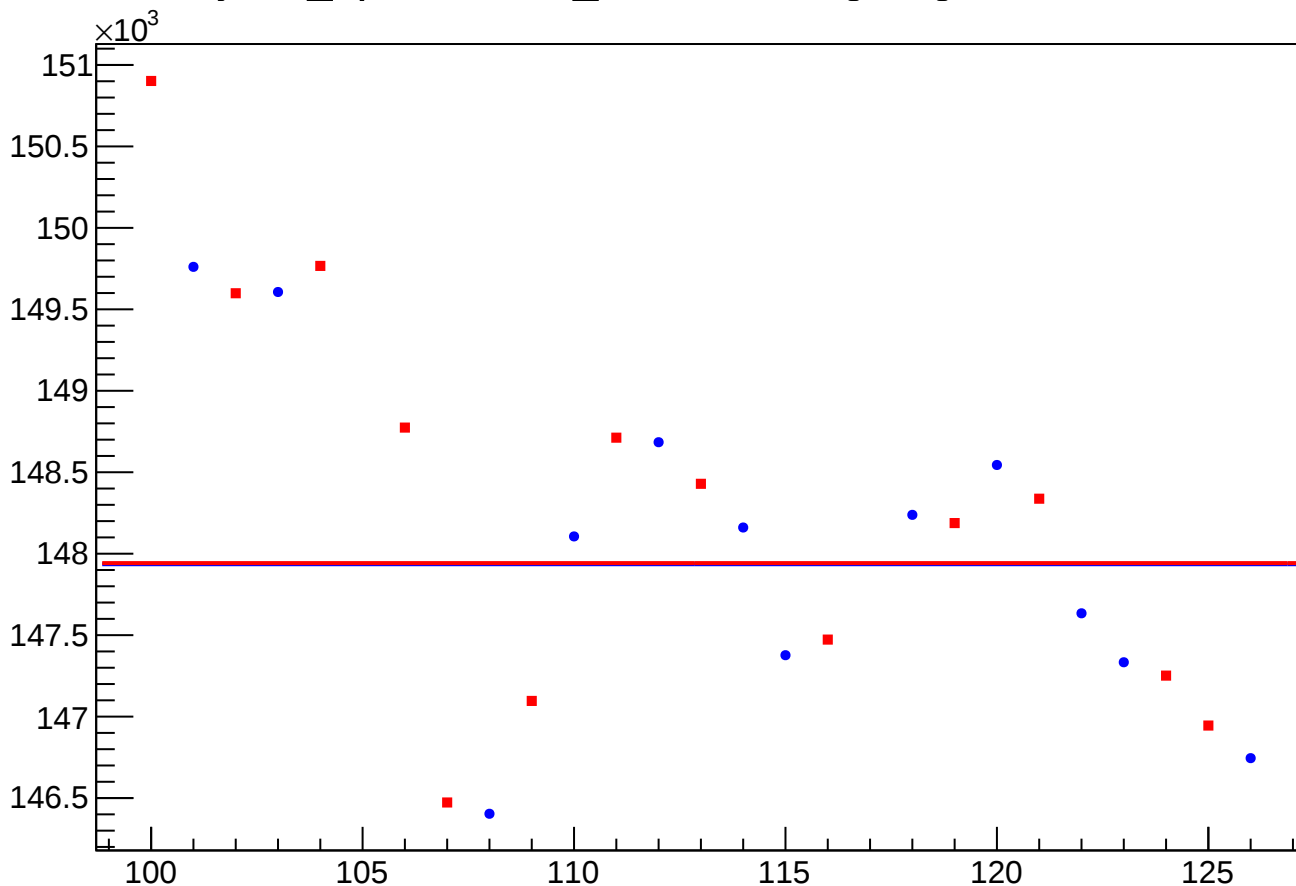
Right: 110.354+/-0.029 χ^2/NDF : 2705636.8/24

In: 111.825+/-0.042 χ^2/NDF : 1307677.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.354+/-0.029 χ^2/NDF : 2705636.8/24

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 147935.453+/-0.075 χ^2 /NDF: 125691902.5/11

Right: 147939.207+/-0.051 χ^2 /NDF: 275199708.6/2

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

Right Out: 147942.313+/-0.069 χ^2 /NDF: 149503266.6/12

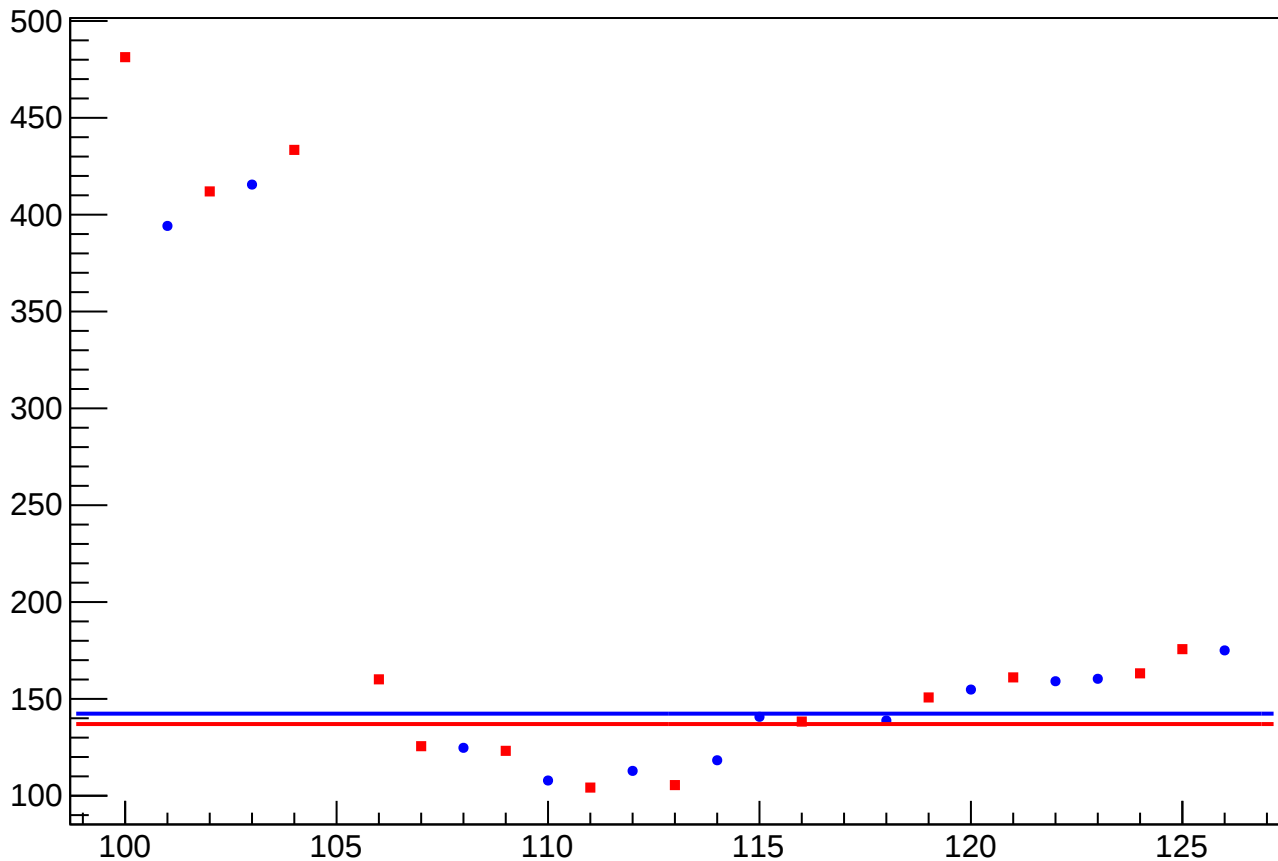
In: 147935.453+/-0.075 χ^2 /NDF: 125691902.5/11

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 147939.207+/-0.051 χ^2 /NDF: 275199708.6/2

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 142.380+/-0.053 χ^2/NDF : 1160131.7/11

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

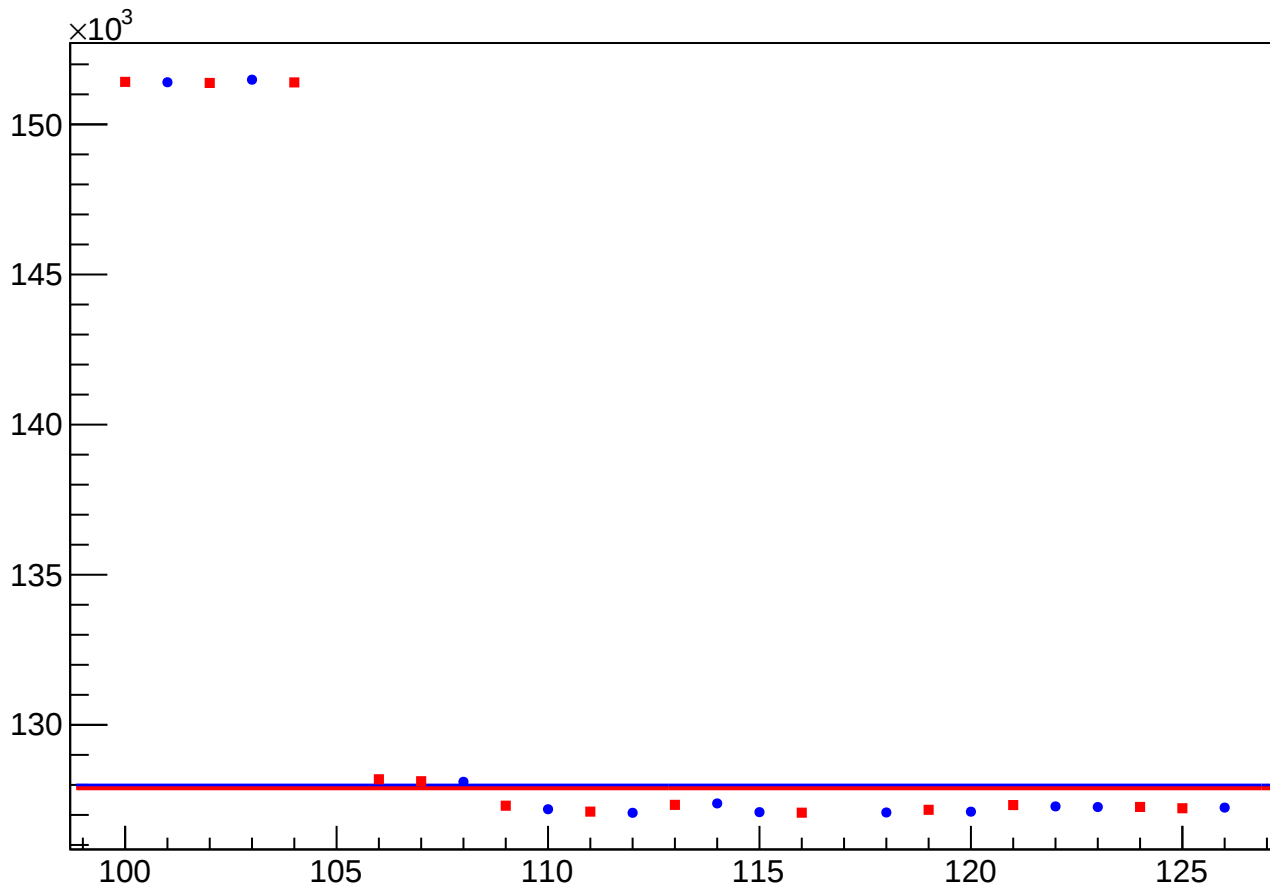
Right: 139.443+/-0.036 χ^2/NDF : 2435744.1/24

In: 142.380+/-0.053 χ^2/NDF : 1160131.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.443+/-0.036 χ^2/NDF : 2435744.1/24

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 127976.016+/-0.064 χ^2 /NDF: 4166188166.5/11

Right: 127927.949+/-0.043 χ^2 /NDF: 7804566425.7/12

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

Right Out: 127887.850+/-0.059 χ^2 /NDF: 3637345698.5/12

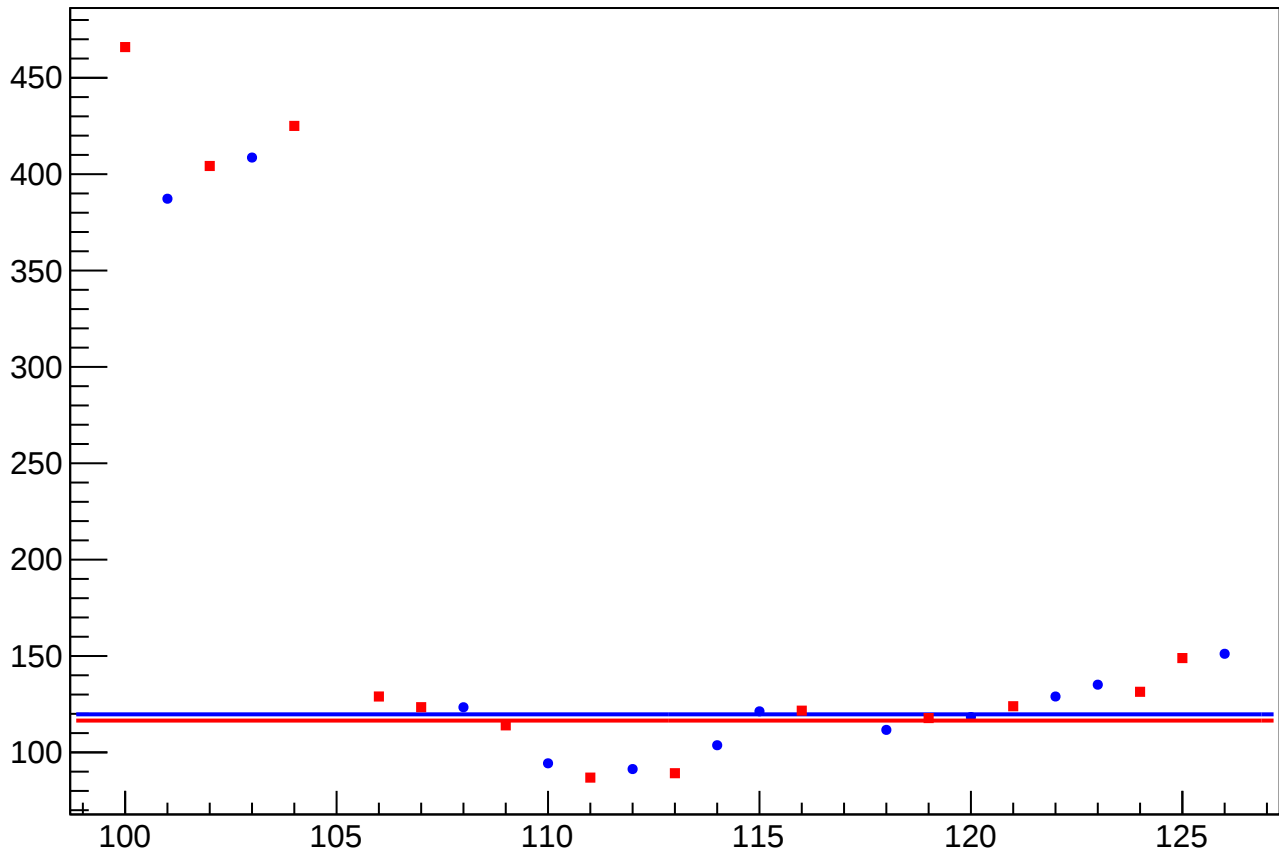
In: 127976.016+/-0.064 χ^2 /NDF: 4166188166.5/11

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 127927.949+/-0.043 χ^2 /NDF: 7804566425.7/12

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 119.736+/-0.045 χ^2/NDF : 1302850.1/11

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

Right Out: 116.500+/-0.041 χ^2/NDF : 1370345.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

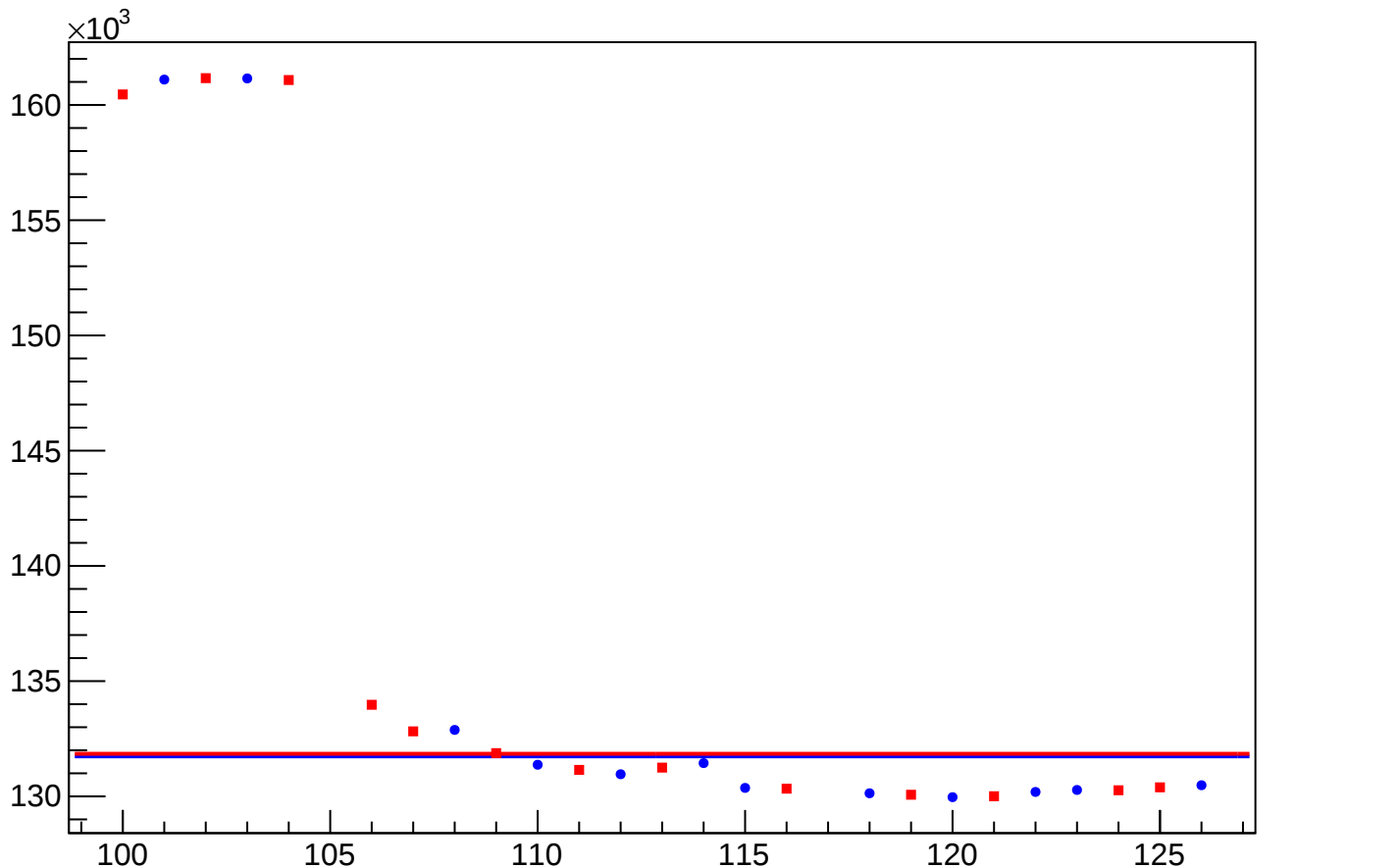
Right: 117.972+/-0.031 χ^2/NDF : 2675978.8/24

In: 119.736+/-0.045 χ^2/NDF : 1302850.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

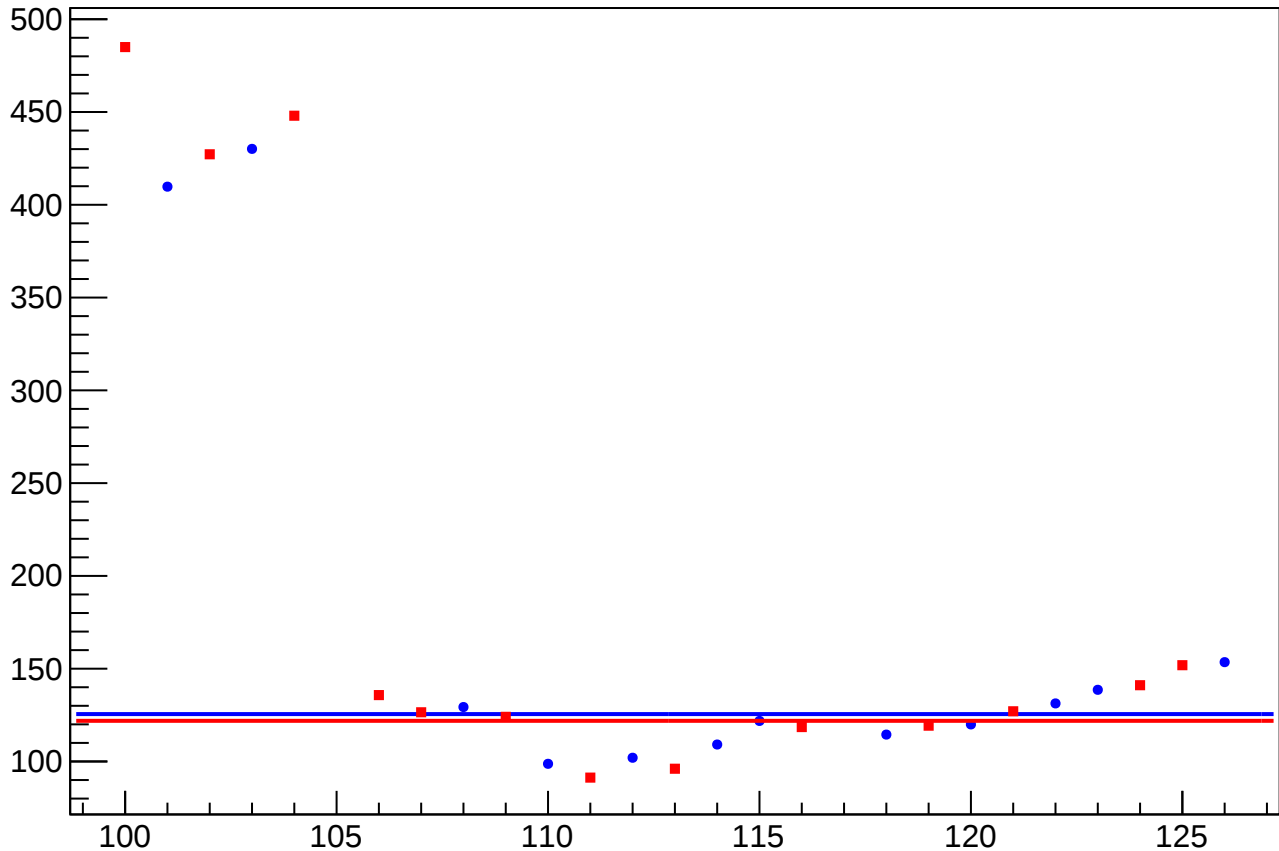
All: 117.972+/-0.031 χ^2/NDF : 2675978.8/24

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 131737.556+/-0.067 χ^2 /NDF: 5987610209.6/11
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right Out: 131847.133+/-0.061 χ^2 /NDF: 5317468196.6/12
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 131797.338+/-0.045 χ^2 /NDF: 11306537658.0

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 125.536+/-0.047 χ^2/NDF : 1269726.2/11

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

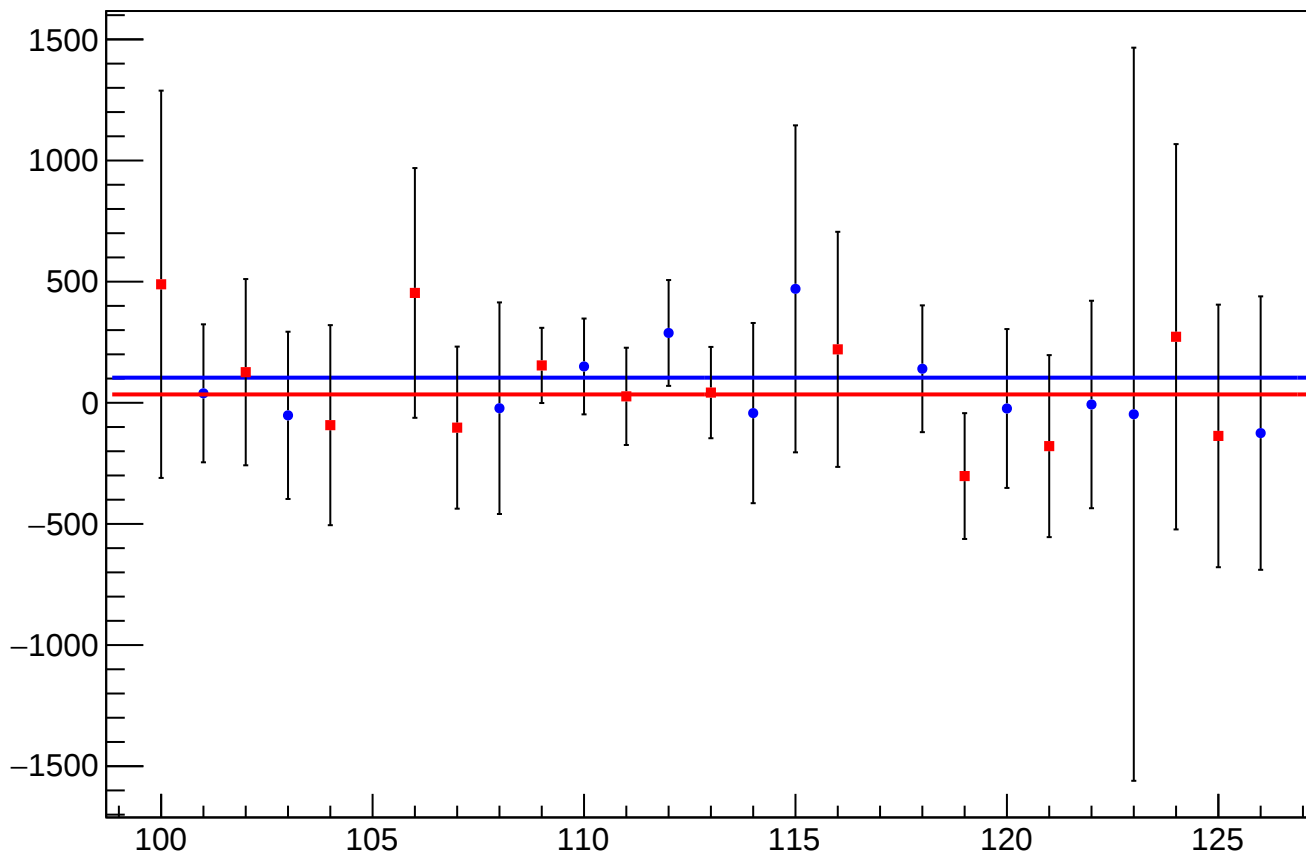
Right: 123.555+/-0.032 χ^2/NDF : 2622684.7/24

In: 125.536+/-0.047 χ^2/NDF : 1269726.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.555+/-0.032 χ^2/NDF : 2622684.7/24

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 103.736 $\pm$ 93.312 χ^2 /NDF: 2.0/11

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

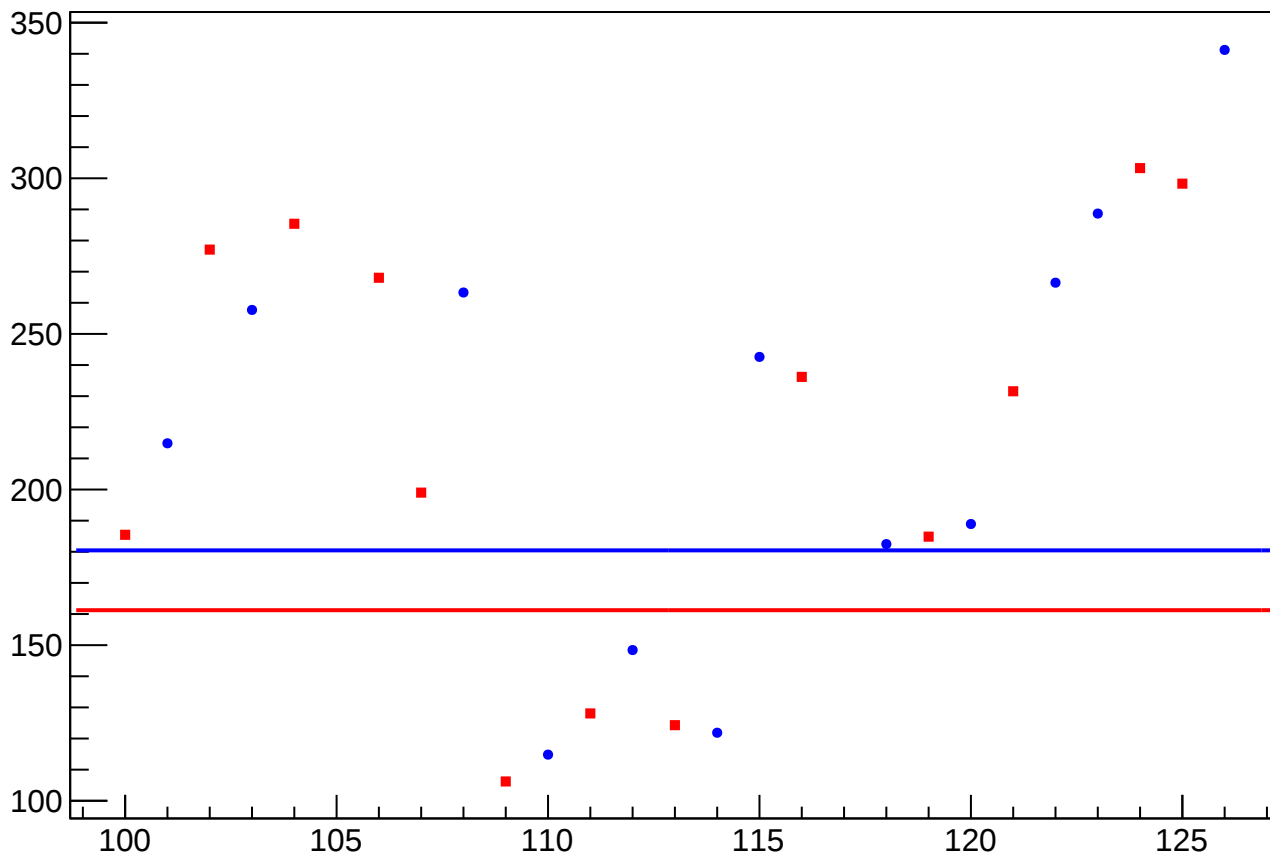
Right: 64.258 $\pm$ -61.152 χ^2 /NDF: 6.5/24

In: 103.736 $\pm$ -93.312 χ^2 /NDF:2.0/11

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

All: 64.258 $\pm$ -61.152 χ^2 /NDF: 6.5/24

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 180.456+/-0.066 χ^2/NDF : 785940.1/11

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

Right Out: 161.234+/-0.057 χ^2/NDF : 1184786.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

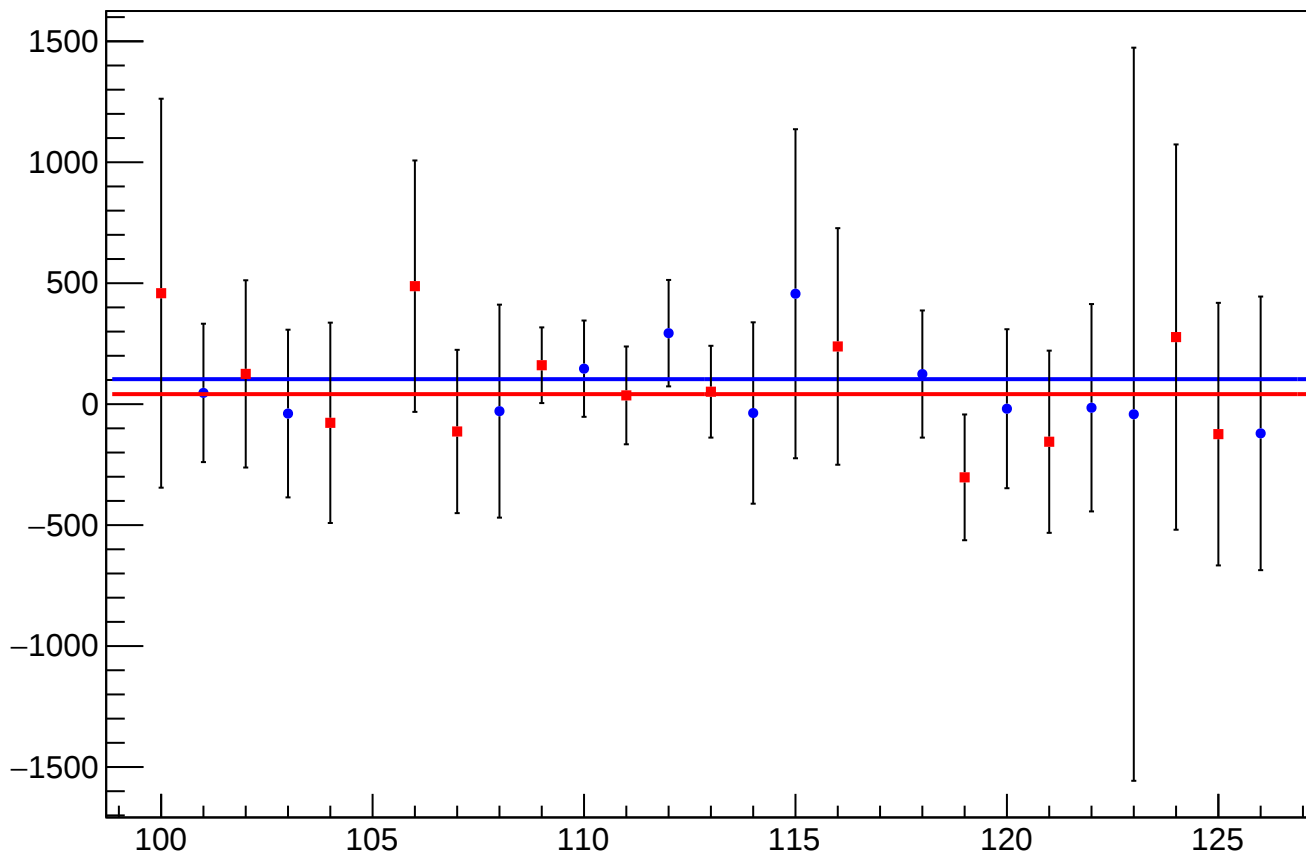
Right: 169.490+/-0.043 χ^2/NDF : 2019144.0/24

In: 180.456+/-0.066 χ^2/NDF : 785940.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.490+/-0.043 χ^2/NDF : 2019144.0/24

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 103.351+/-93.808 χ^2/NDF : 1.9/11

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

Right Out: 41.466+/-81.478 χ^2/NDF : 4.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

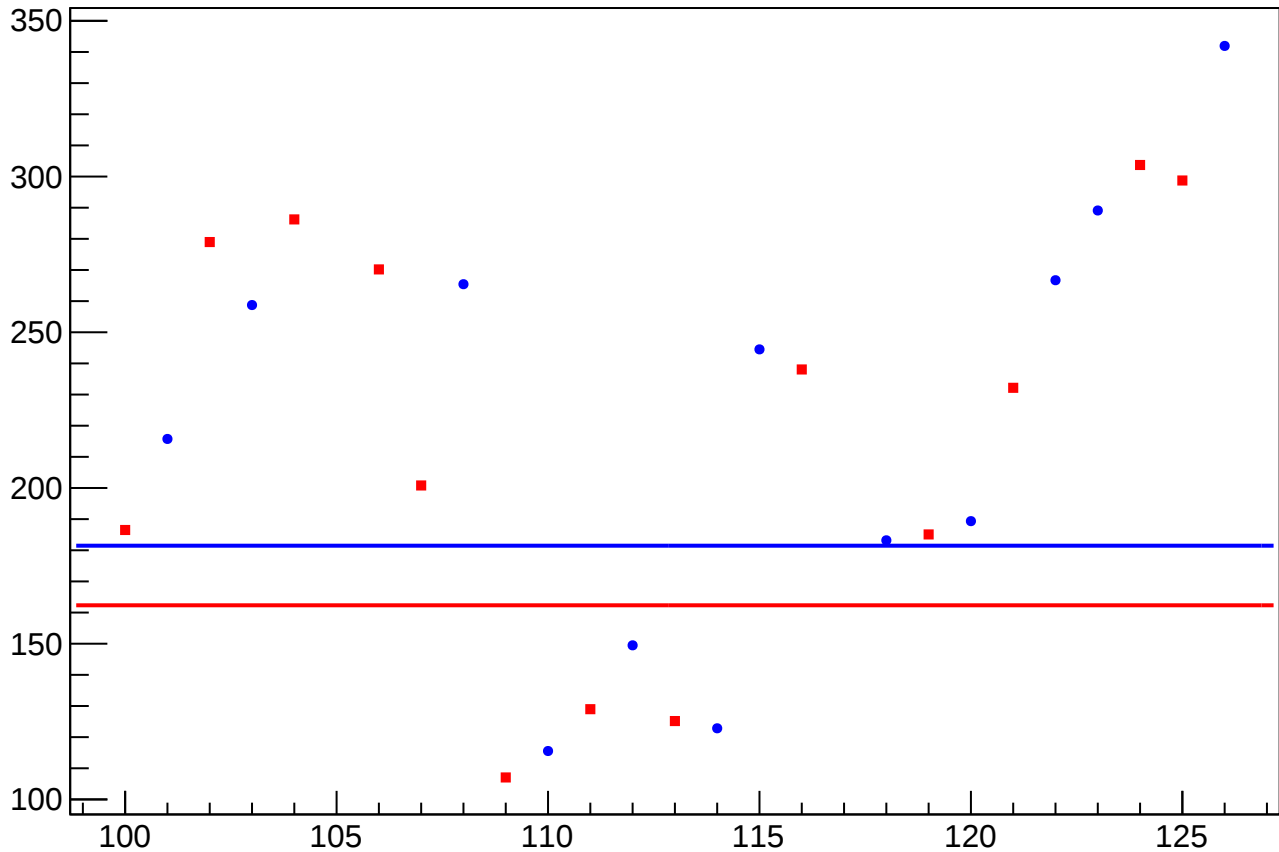
Right: 68.076+/-61.514 χ^2/NDF : 6.4/24

In: 103.351+/-93.808 χ^2/NDF : 1.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.076+/-61.514 χ^2/NDF : 6.4/24

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 181.472+/-0.066 χ^2/NDF : 780205.0/11

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

Right Out: 162.335+/-0.058 χ^2/NDF : 1176944.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

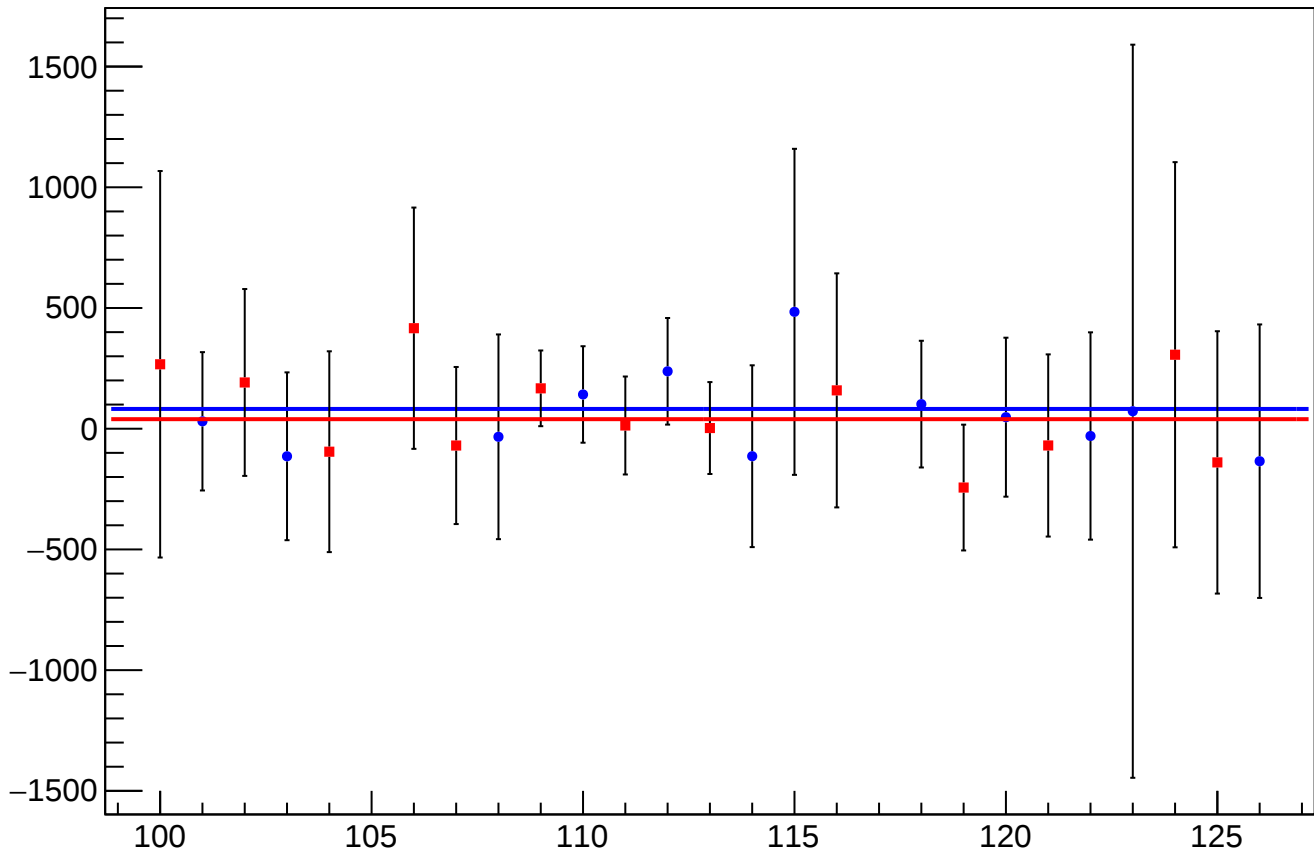
Right: 170.564+/-0.043 χ^2/NDF : 2004589.8/24

In: 181.472+/-0.066 χ^2/NDF : 780205.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.564+/-0.043 χ^2/NDF : 2004589.8/24

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 81.903+/-93.841 χ^2/NDF : 1.9/11

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

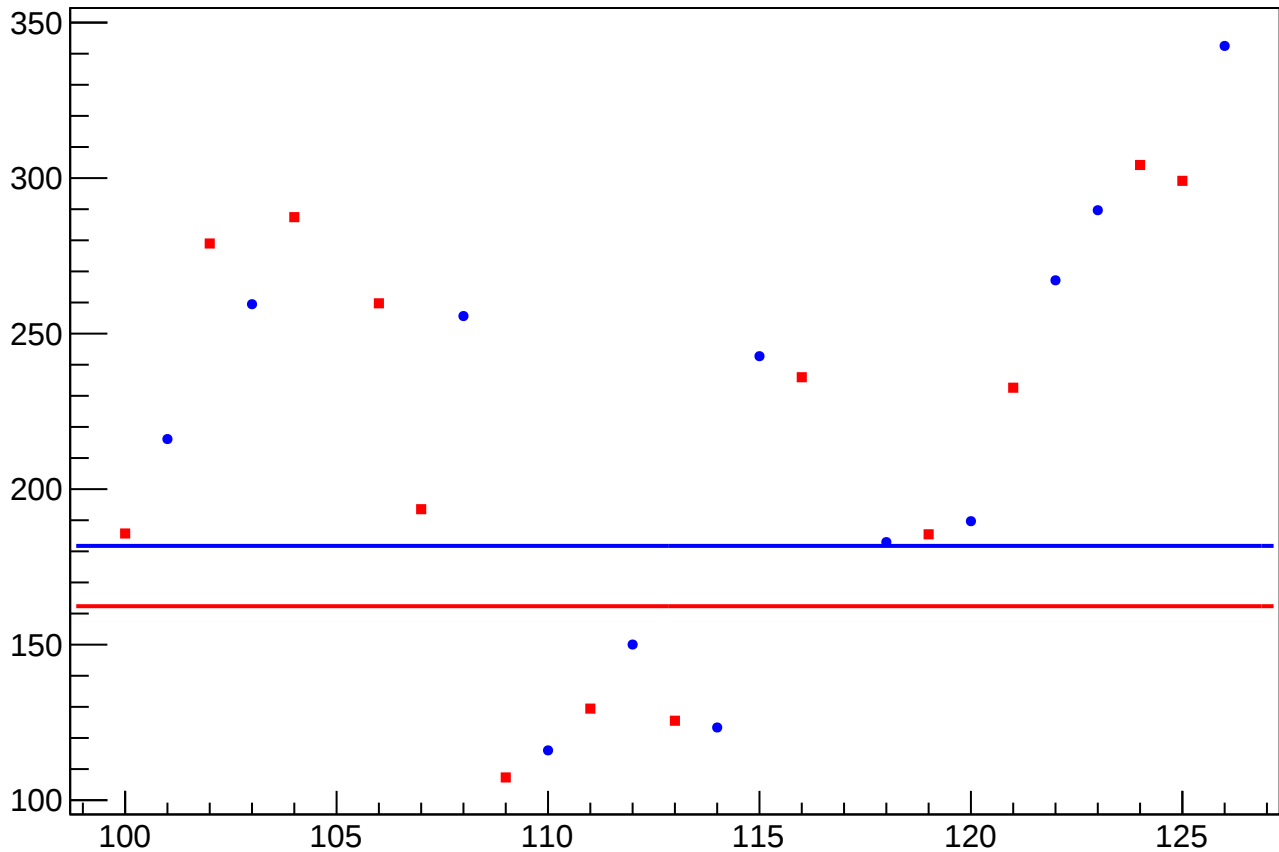
Right: 57.709+/-61.477 χ^2/NDF : 5.3/24

In: 81.903+/-93.841 χ^2/NDF :1.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 57.709+/-61.477 χ^2/NDF : 5.3/24

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 181.753+/-0.066 χ^2/NDF : 763154.5/11

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

Right Out: 162.362+/-0.058 χ^2/NDF : 1153884.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

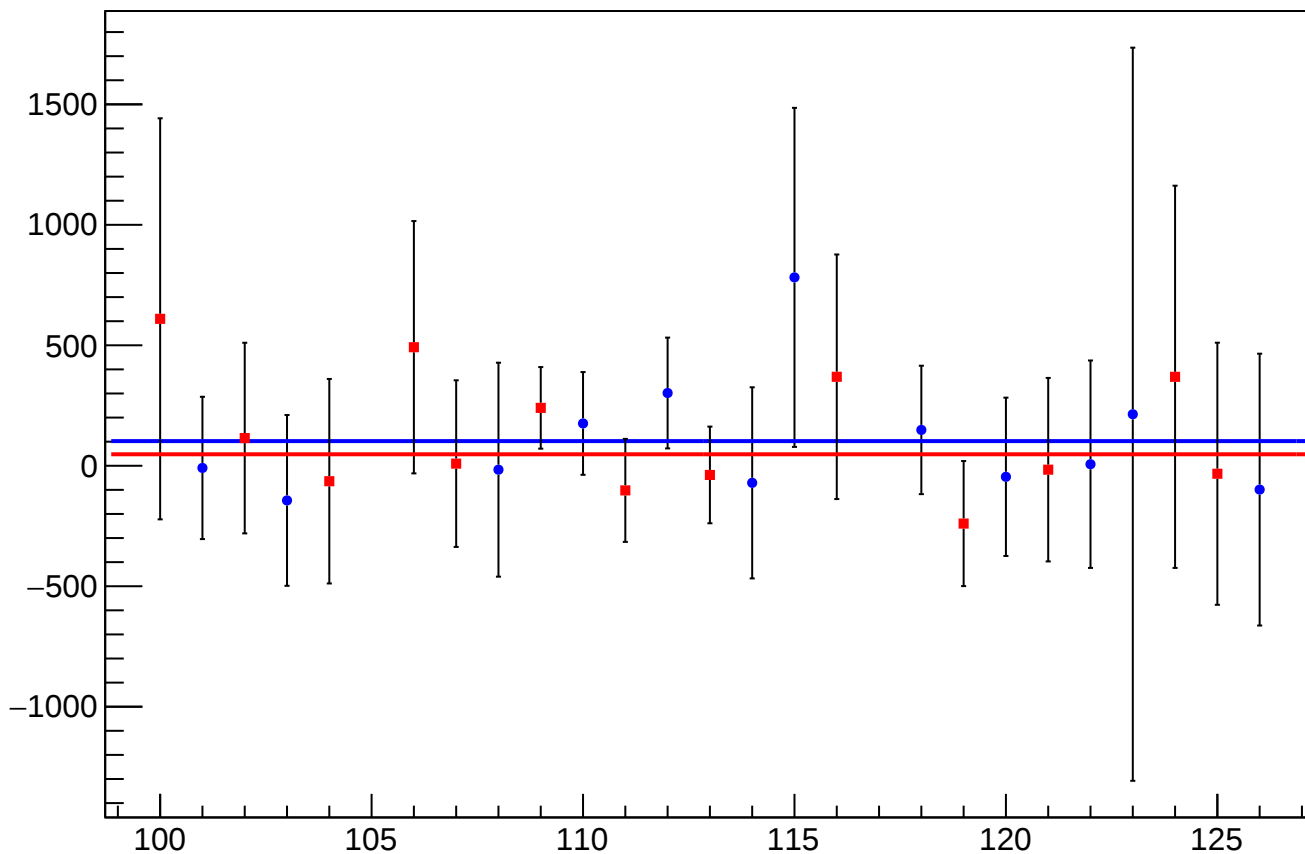
Right: 170.684+/-0.043 χ^2/NDF : 1965781.4/24

In: 181.753+/-0.066 χ^2/NDF : 763154.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.684+/-0.043 χ^2/NDF : 1965781.4/24

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 102.360+/-97.082 χ^2/NDF : 3.1/11

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

Right Out: 47.656+/-85.252 χ^2/NDF : 5.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

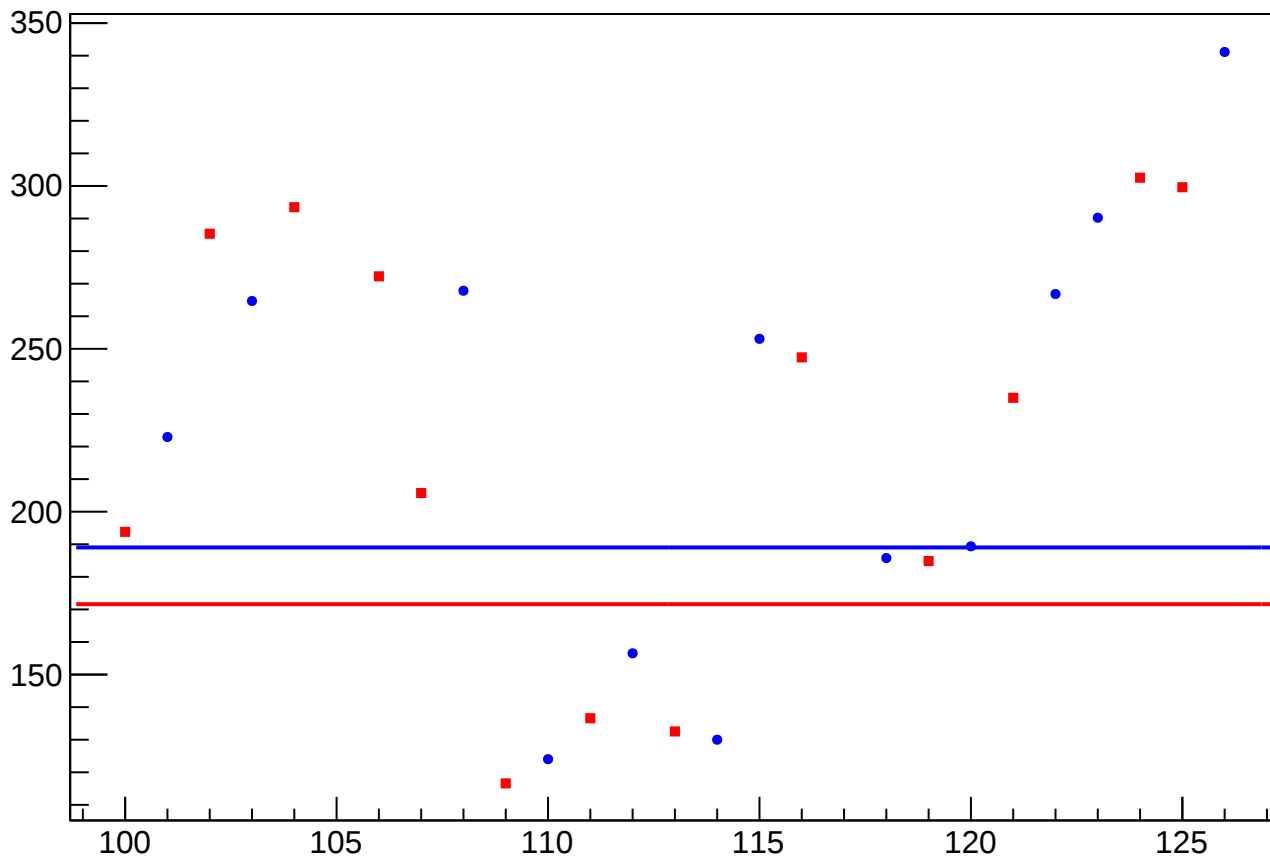
Right: 71.474+/-64.059 χ^2/NDF : 8.4/24

In: 102.360+/-97.082 χ^2/NDF : 3.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.474+/-64.059 χ^2/NDF : 8.4/24

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 189.027+/-0.069 χ^2/NDF : 687047.0/11

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

Right Out: 171.617+/-0.060 χ^2/NDF : 1036017.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

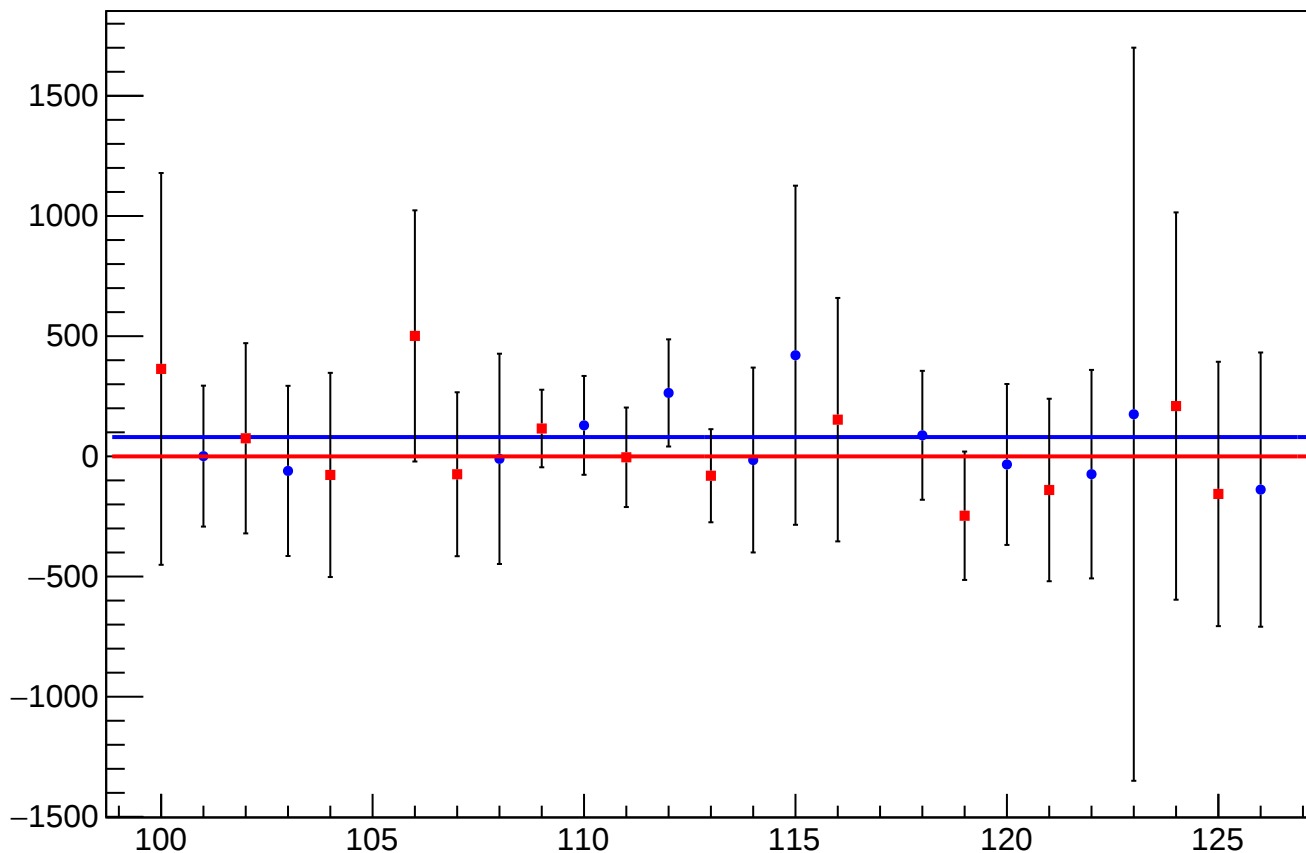
Right: 179.197+/-0.045 χ^2/NDF : 1759380.8/24

In: 189.027+/-0.069 χ^2/NDF : 687047.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.197+/-0.045 χ^2/NDF : 1759380.8/24

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 80.258+/-95.771 χ^2/NDF : 1.7/11

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

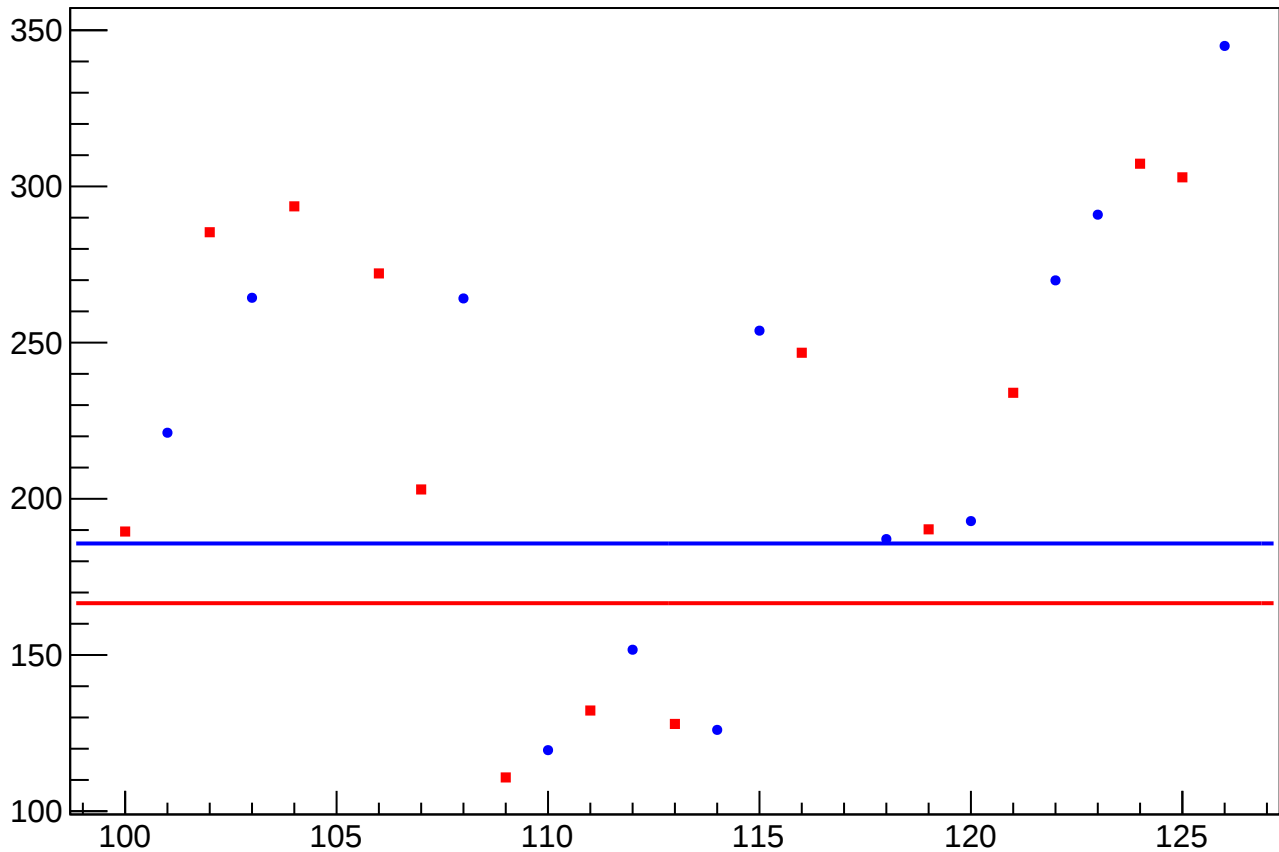
Right: 34.501+/-62.888 χ^2/NDF : 5.3/24

In: 80.258+/-95.771 χ^2/NDF : 1.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.501+/-62.888 χ^2/NDF : 5.3/24

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 185.701+/-0.068 χ^2/NDF : 754510.4/11

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

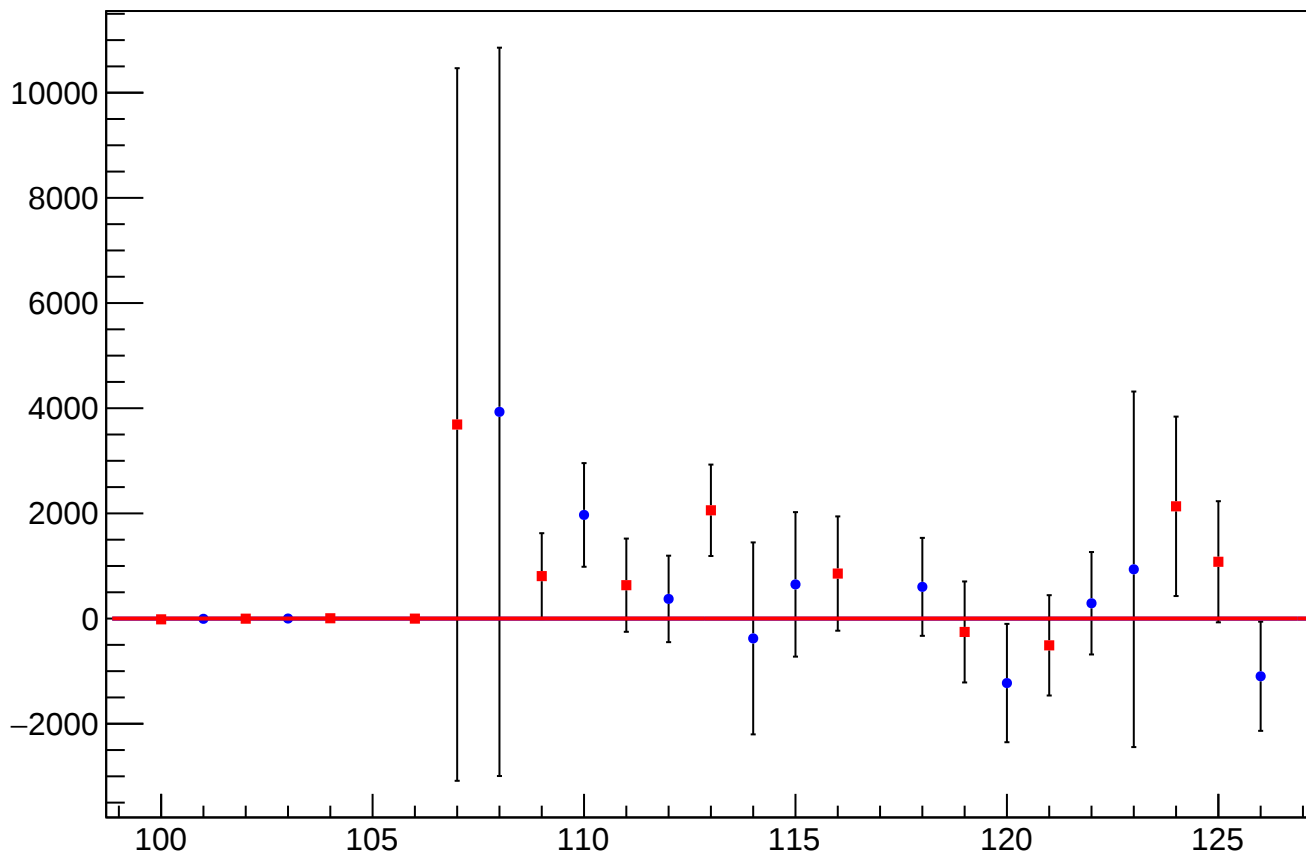
Right: 174.827+/-0.044 χ^2/NDF : 1951367.2/24

In: 185.701+/-0.068 χ^2/NDF : 754510.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.827+/-0.044 χ^2/NDF : 1951367.2/24

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.510+/-2.251 χ^2/NDF : 9.0/11

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

Right Out: 0.740+/-2.111 χ^2/NDF : 16.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

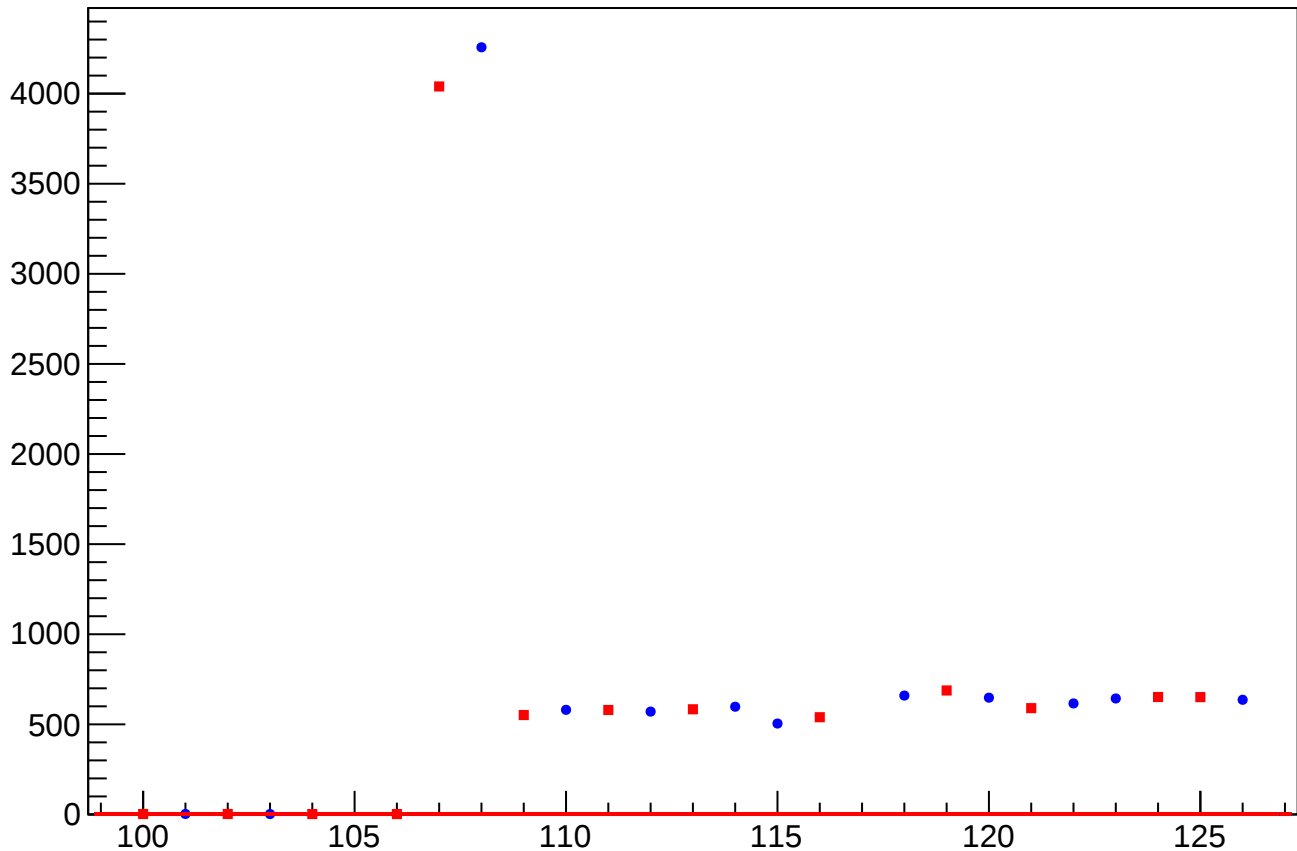
Right: -0.313+/-1.540 χ^2/NDF : 26.3/24

In: -1.510+/-2.251 χ^2/NDF :9.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.313+/-1.540 χ^2/NDF : 26.3/24

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.433+/-0.002 χ^2/NDF : 6157376.9/11

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

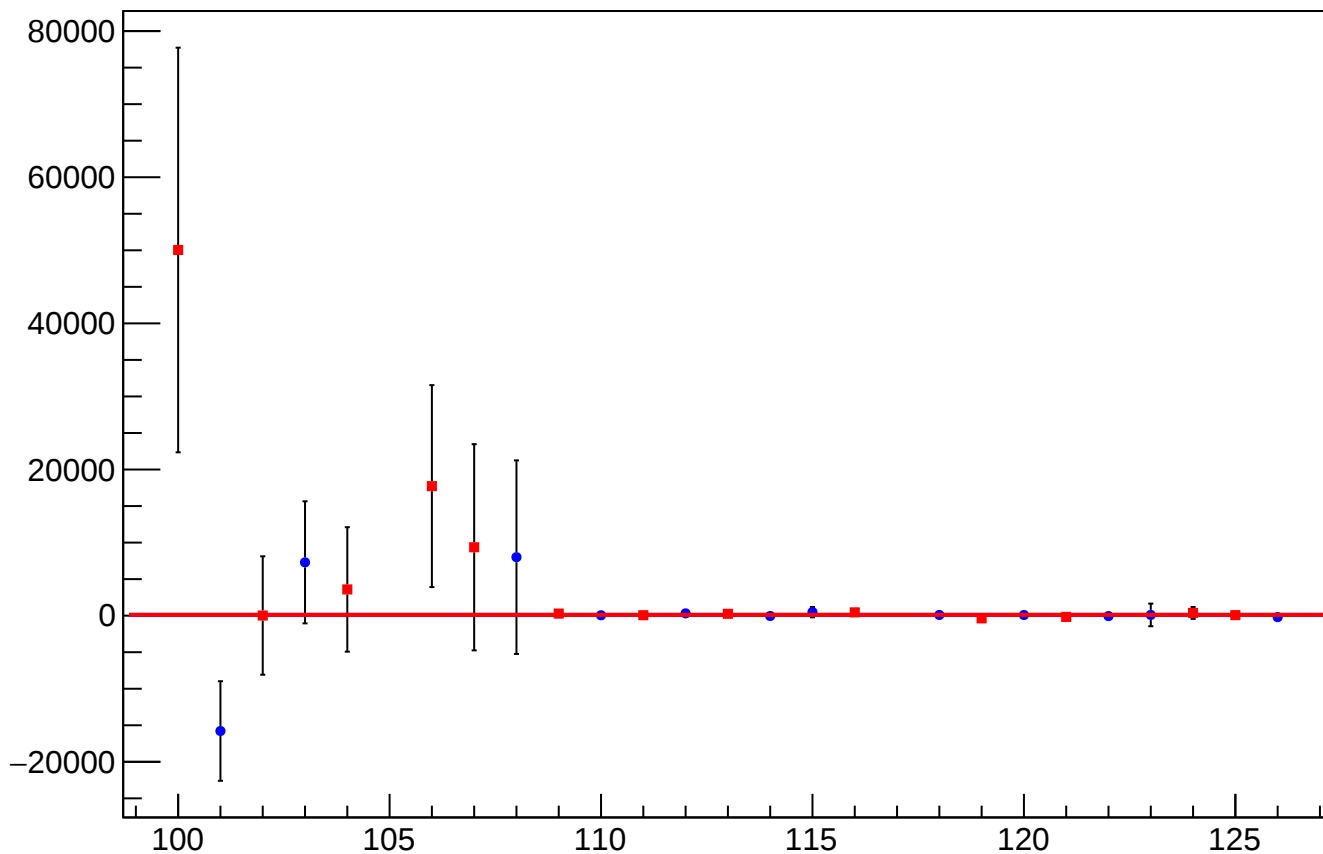
Right: 2.425+/-0.001 χ^2/NDF : 12718087.3/24

In: 2.433+/-0.002 χ^2/NDF : 6157376.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.425+/-0.001 χ^2/NDF : 12718087.3/24

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 112.148+/-111.769 χ^2/NDF : 8.3/11

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

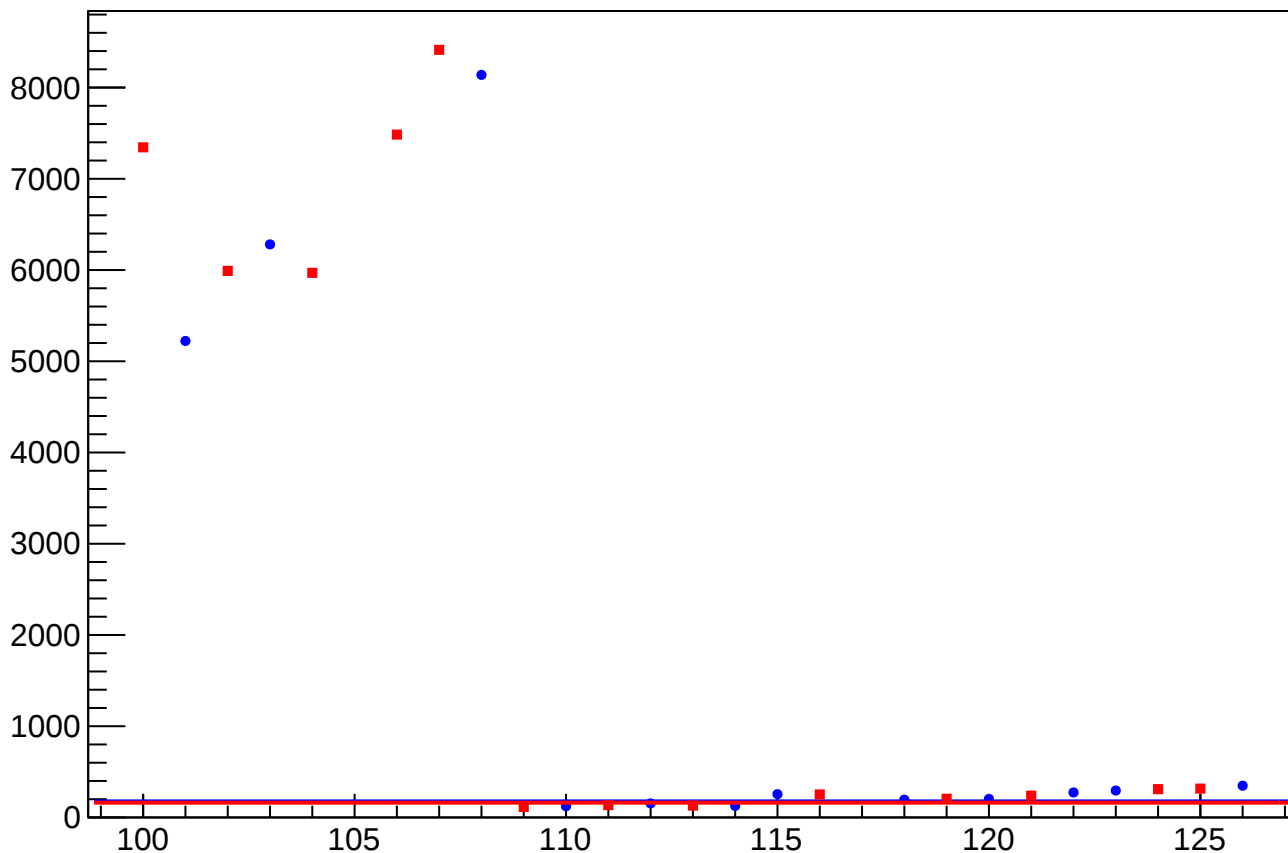
Right: 111.400+/-75.820 χ^2/NDF : 18.9/24

In: 112.148+/-111.769 χ^2/NDF : 8.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.400+/-75.820 χ^2/NDF : 18.9/24

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 176.035+/-0.079 χ^2/NDF : 3399716.4/11

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

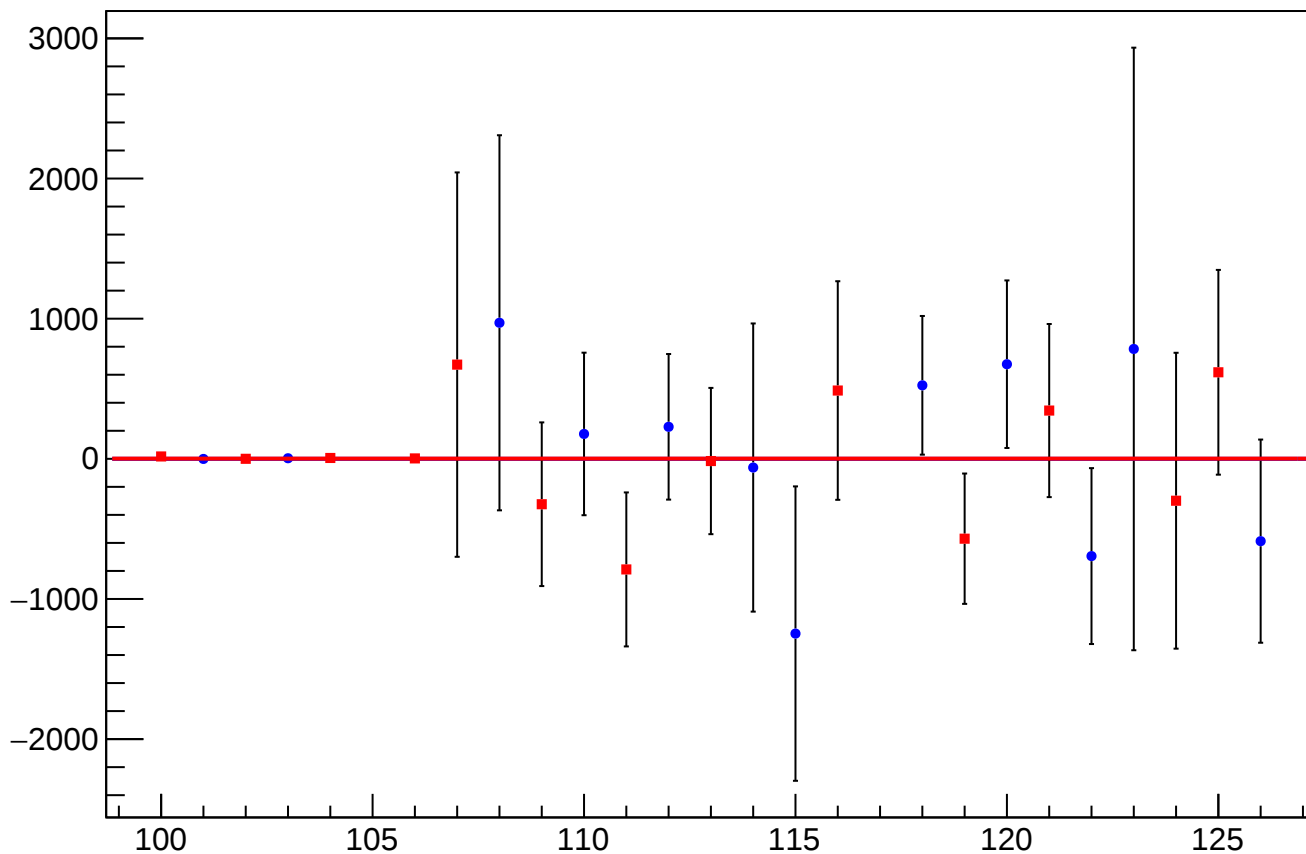
Right: 168.620+/-0.054 χ^2/NDF : 7320652.8/24

In: 176.035+/-0.079 χ^2/NDF : 3399716.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.620+/-0.054 χ^2/NDF : 7320652.8/24

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.154 ± 1.737 χ^2/NDF : 7.5/11

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

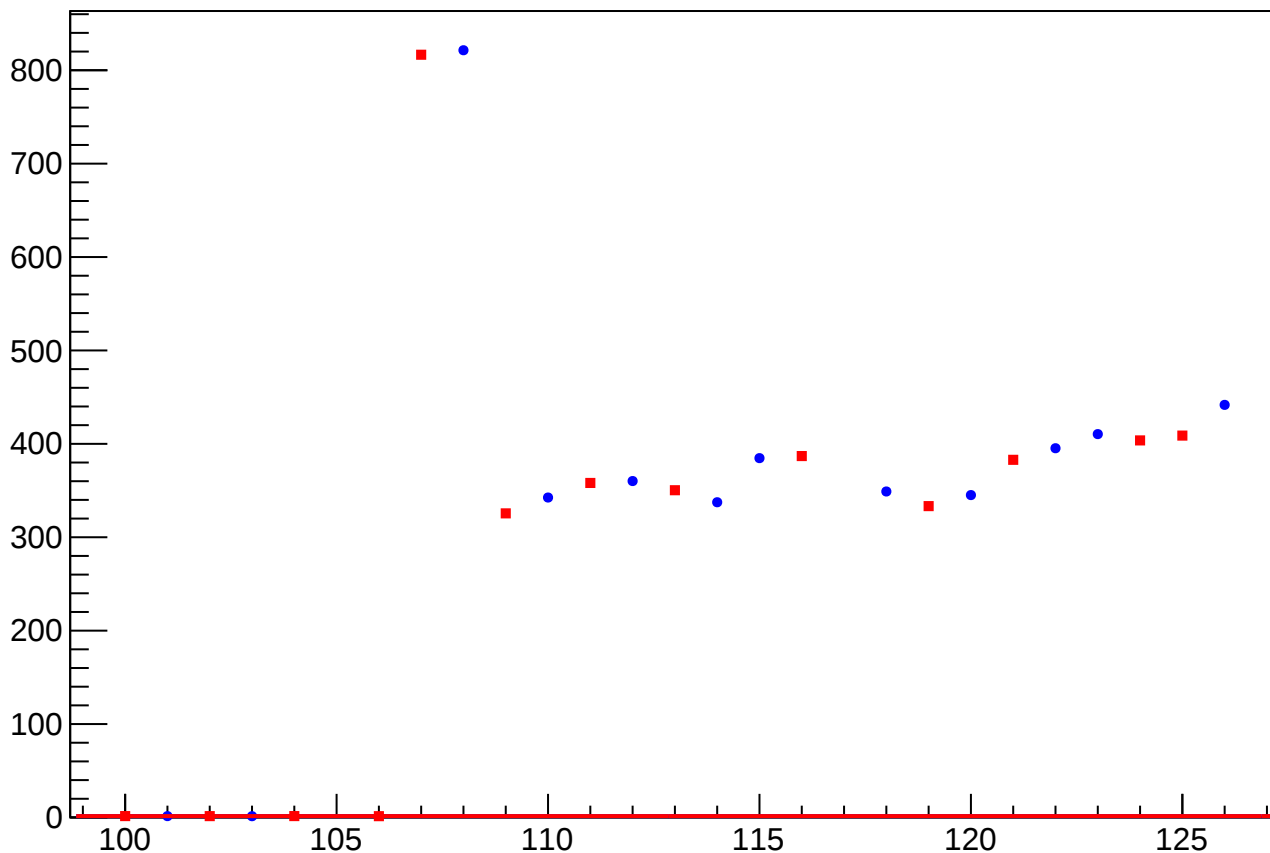
Right: 0.636 ± 1.186 χ^2/NDF : 16.2/24

In: -0.154 ± 1.737 χ^2/NDF : 7.5/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.636 ± 1.186 χ^2/NDF : 16.2/24

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.435+/-0.001 χ^2/NDF : 6123866.3/11

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

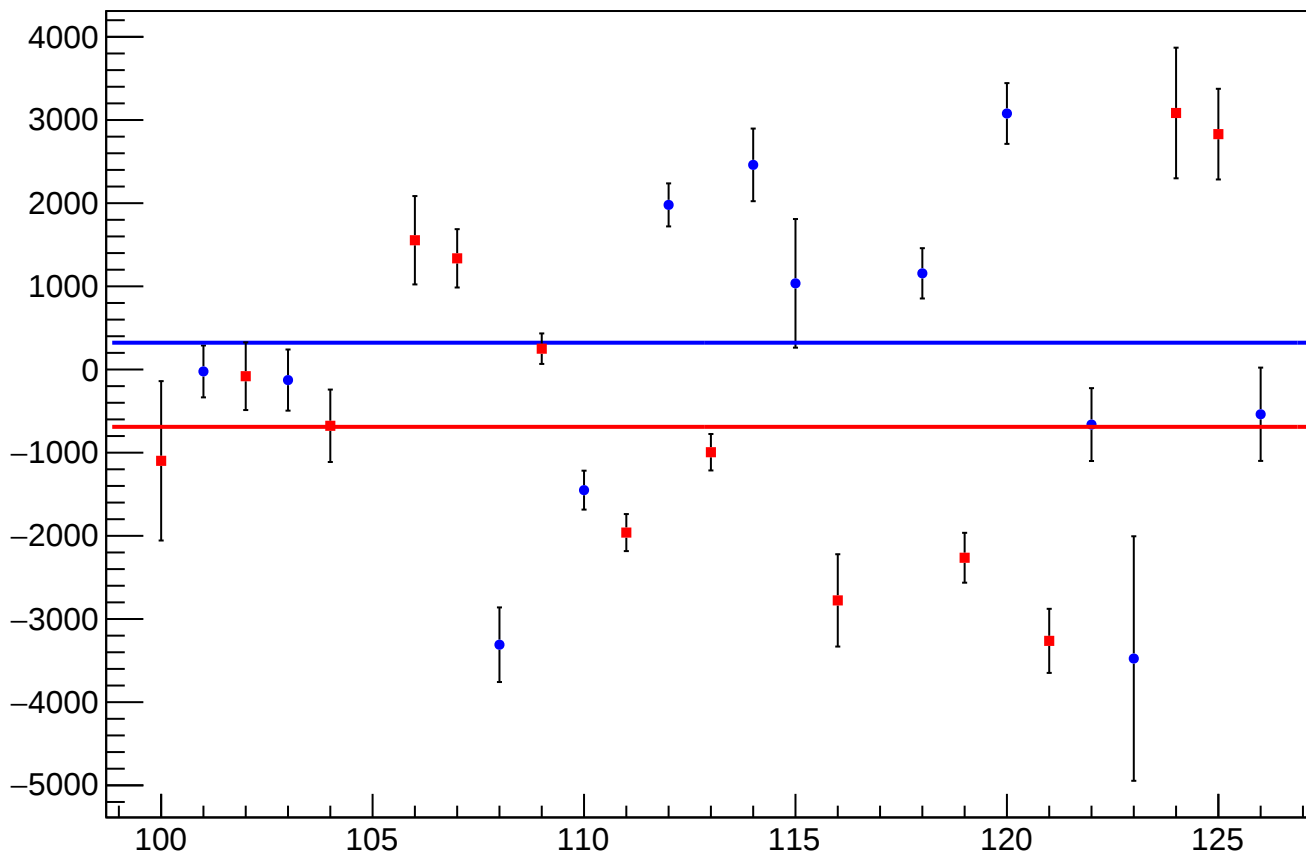
Right: 1.435+/-0.001 χ^2/NDF : 12367660.8/24

In: 1.435+/-0.001 χ^2/NDF : 6123866.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.435+/-0.001 χ^2/NDF : 12367660.8/24

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 322.259+/-105.385 χ^2/NDF : 270.1/11

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

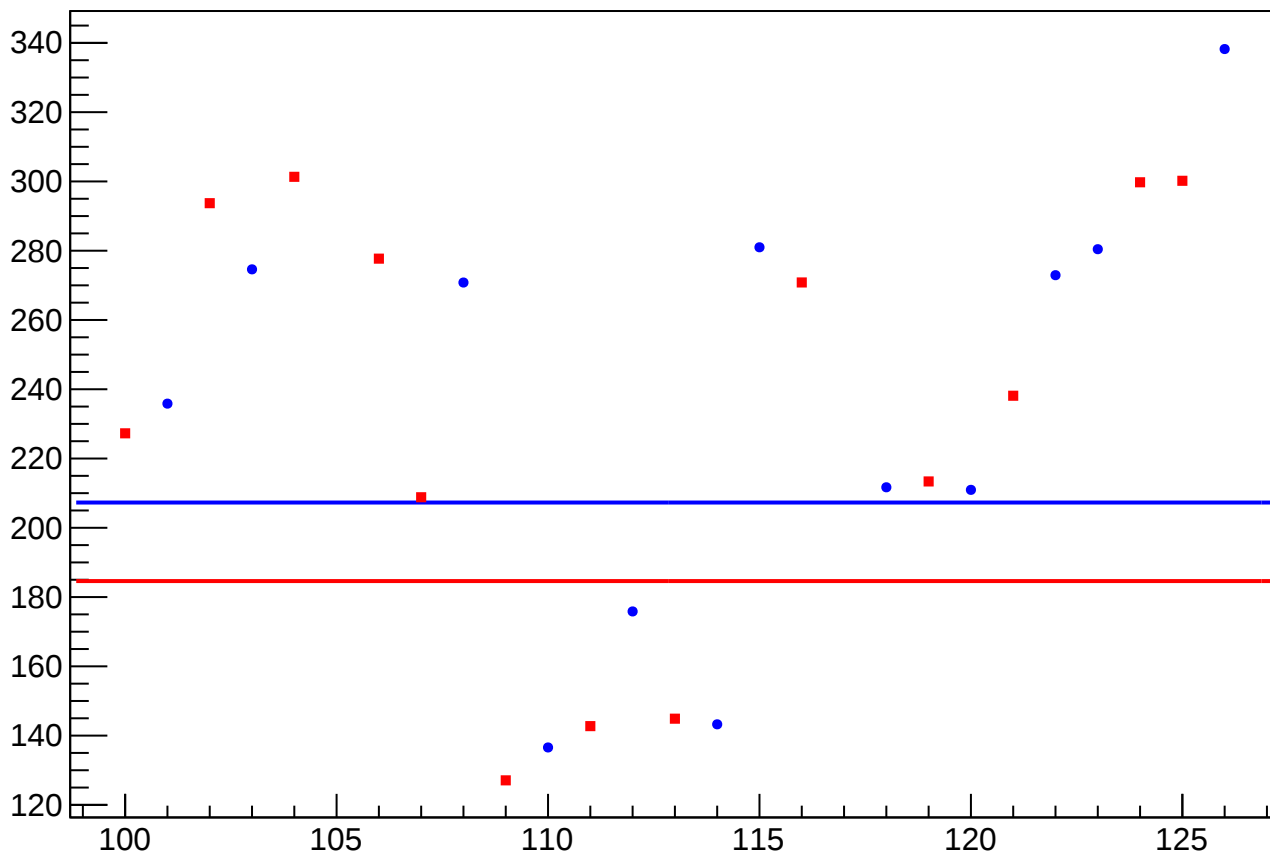
Right: -257.602+/-68.852 χ^2/NDF : 588.4/24

In: 322.259+/-105.385 χ^2/NDF : 270.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -257.602+/-68.852 χ^2/NDF : 588.4/24

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 207.294+/-0.075 χ^2/NDF : 556802.4/11

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

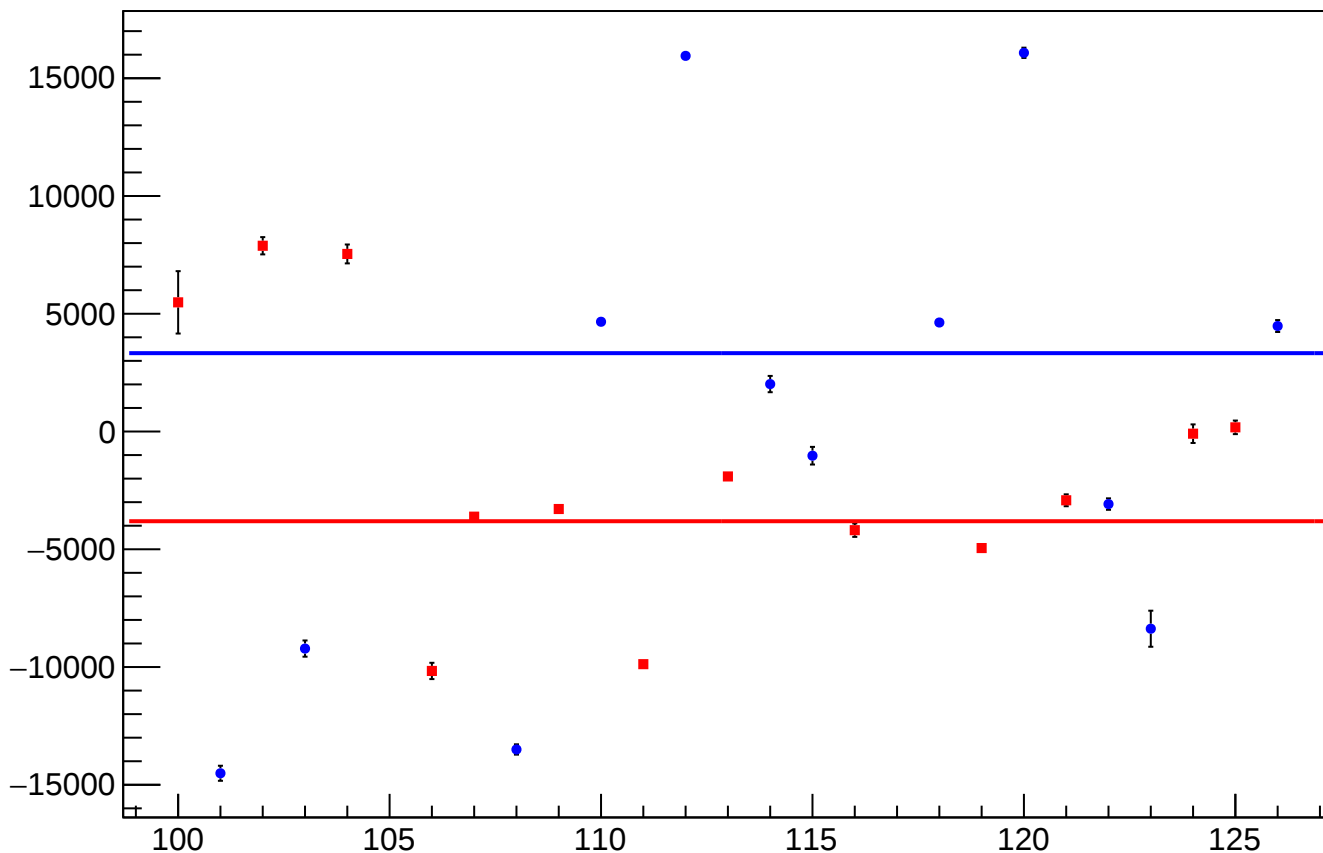
Right: 194.298+/-0.049 χ^2/NDF : 1543757.2/24

In: 207.294+/-0.075 χ^2/NDF : 556802.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 194.298+/-0.049 χ^2/NDF : 1543757.2/24

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 3327.106+/-68.516 χ^2/NDF : 20352.4/11

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

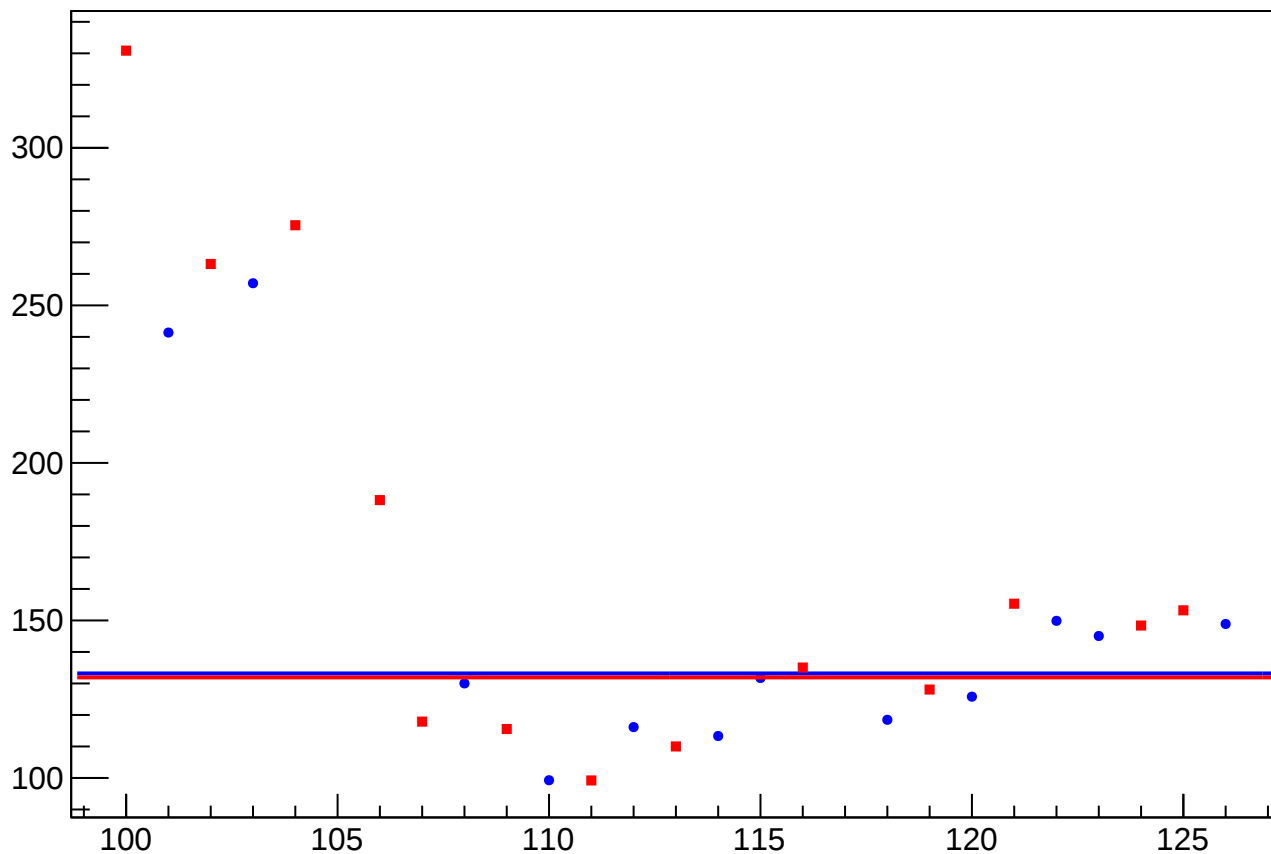
Right: -451.347+/-46.997 χ^2/NDF : 30286.8/24

In: 3327.106+/-68.516 χ^2/NDF : 20352.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -451.347+/-46.997 χ^2/NDF : 30286.8/24

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 133.175+/-0.048 χ^2/NDF : 628499.3/11

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

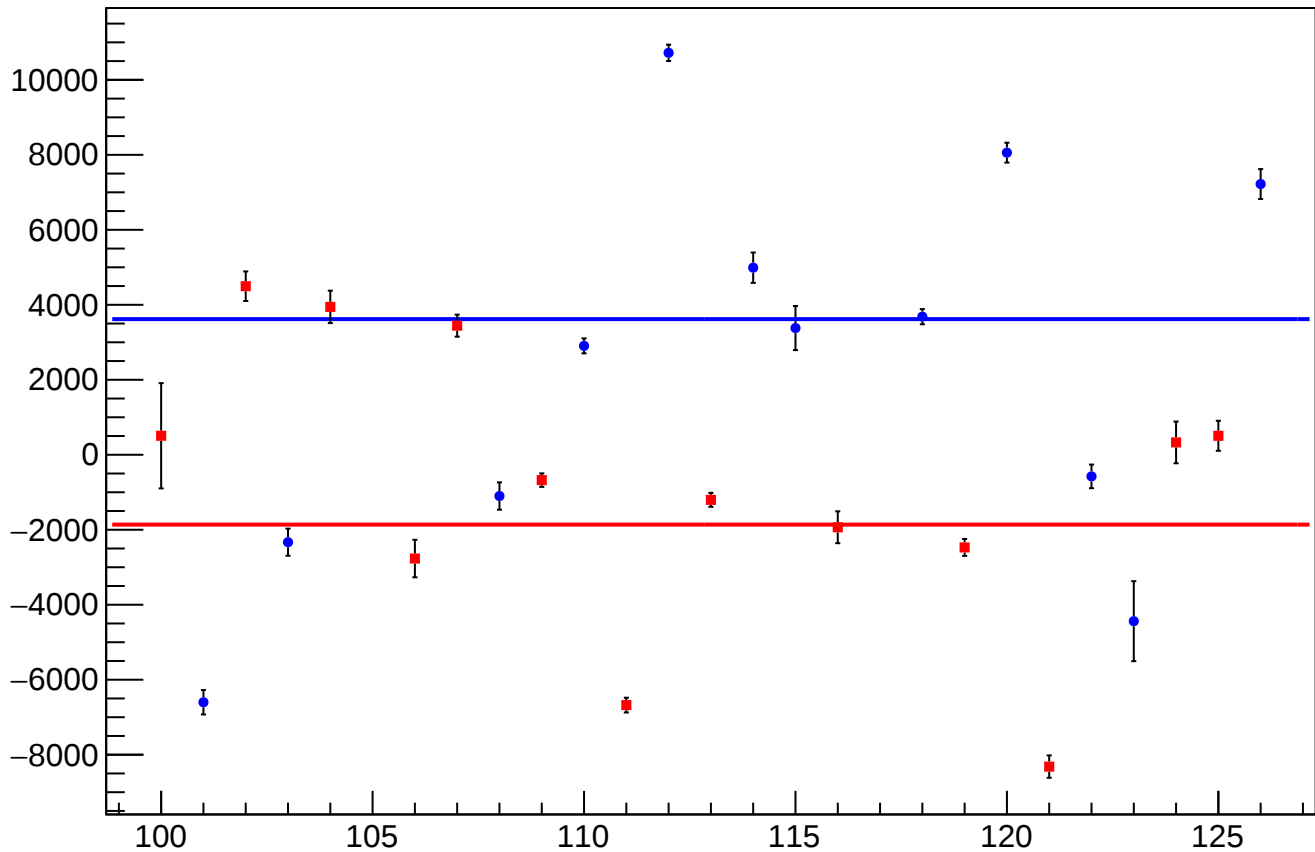
Right: 132.510+/-0.033 χ^2/NDF : 1424434.6/24

In: 133.175+/-0.048 χ^2/NDF : 628499.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.510+/-0.033 χ^2/NDF : 1424434.6/24

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 3618.174+/-85.863 χ^2/NDF : 3108.5/11

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

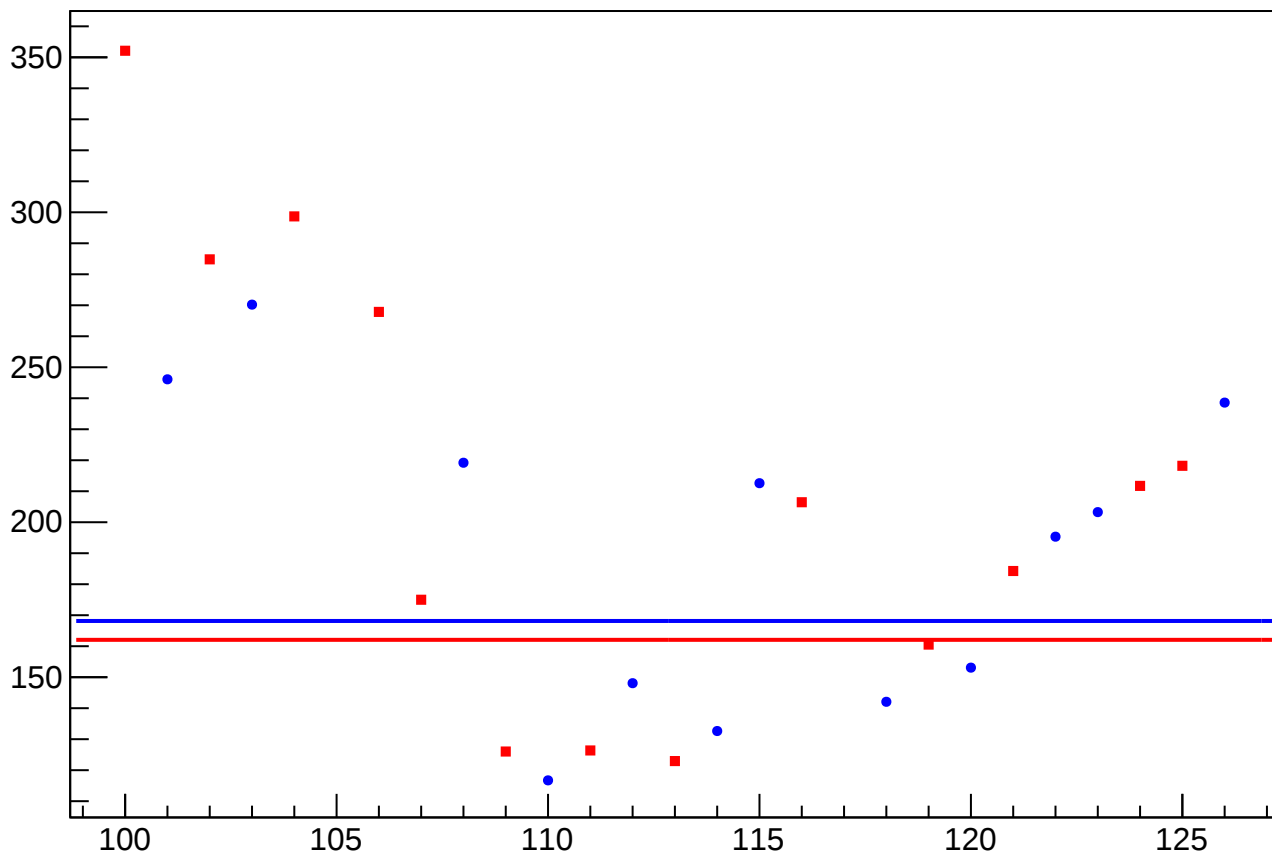
Right: 658.194+/-58.233 χ^2/NDF : 7257.8/24

In: 3618.174+/-85.863 χ^2/NDF :3108.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 658.194+/-58.233 χ^2/NDF : 7257.8/24

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 168.143+/-0.061 χ^2/NDF : 609321.8/11

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

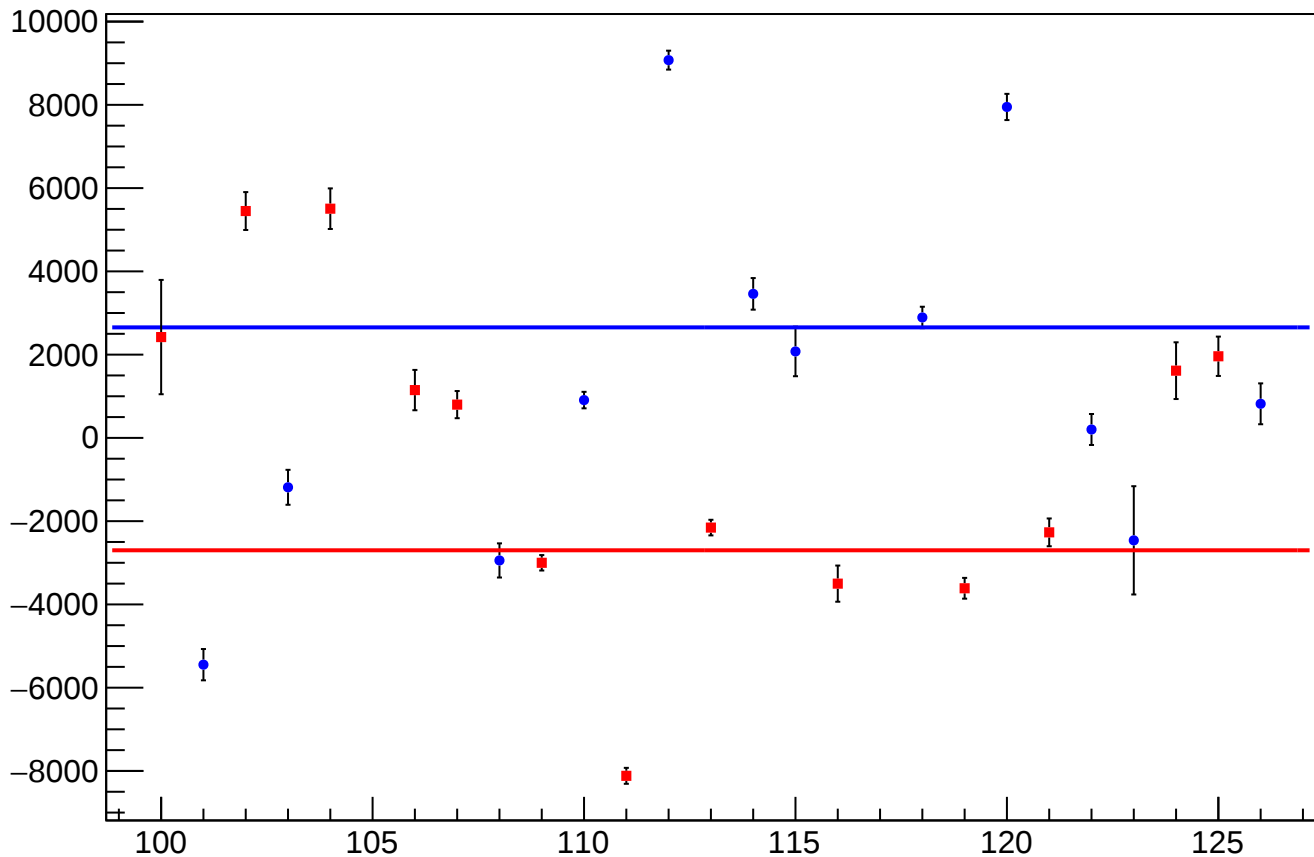
Right: 164.856+/-0.041 χ^2/NDF : 1460721.0/24

In: 168.143+/-0.061 χ^2/NDF : 609321.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.856+/-0.041 χ^2/NDF : 1460721.0/24

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 2654.704 $\pm$ 95.141 χ^2 /NDF: 1971.9/11

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

Right Out: -2699.825 $\pm$ 83.061 χ^2 /NDF: 1763.4/12

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

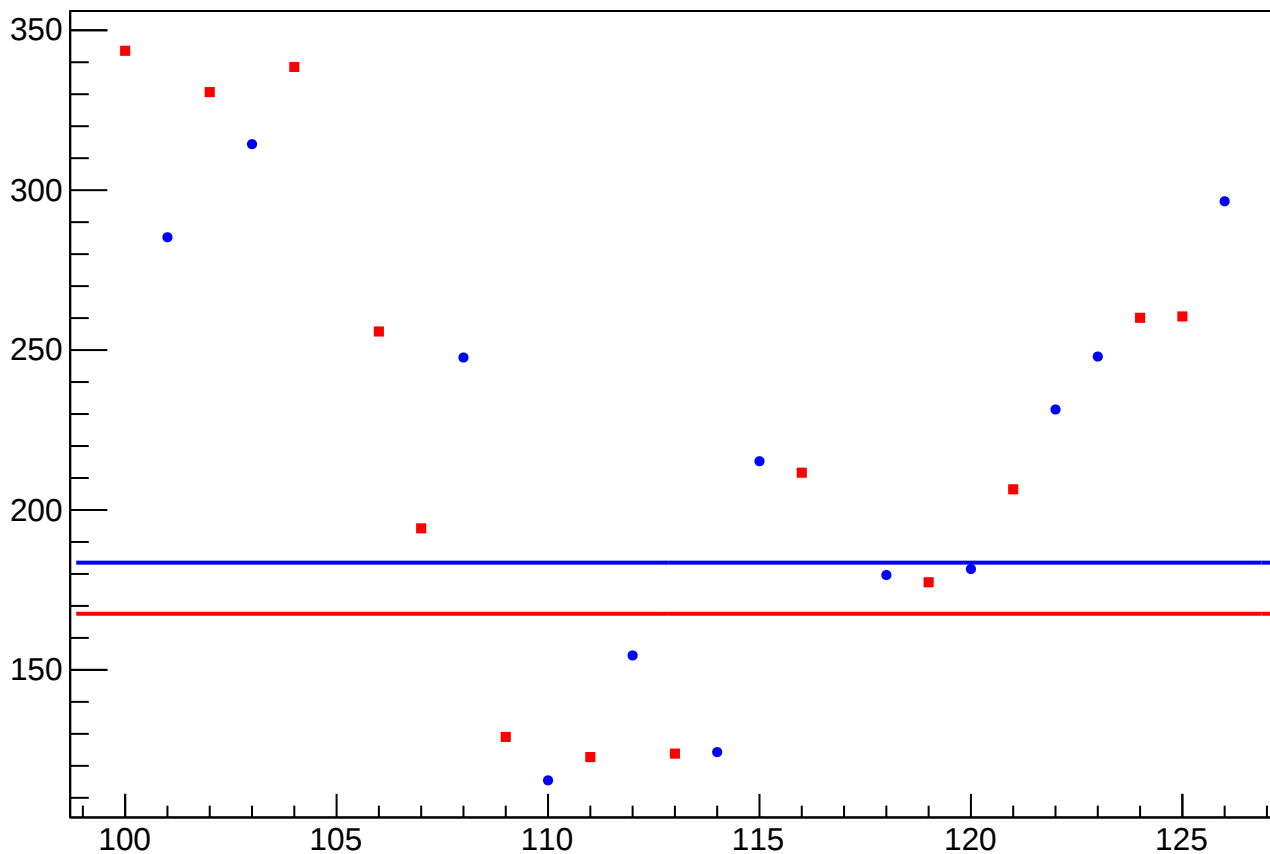
Right: -383.871 $\pm$ 62.571 χ^2 /NDF: 5532.8/24

In: 2654.704 $\pm$ 95.141 χ^2 /NDF:1971.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -383.871 $\pm$ 62.571 χ^2 /NDF: 5532.8/24

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 183.533+/-0.067 χ^2/NDF : 857468.0/11

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

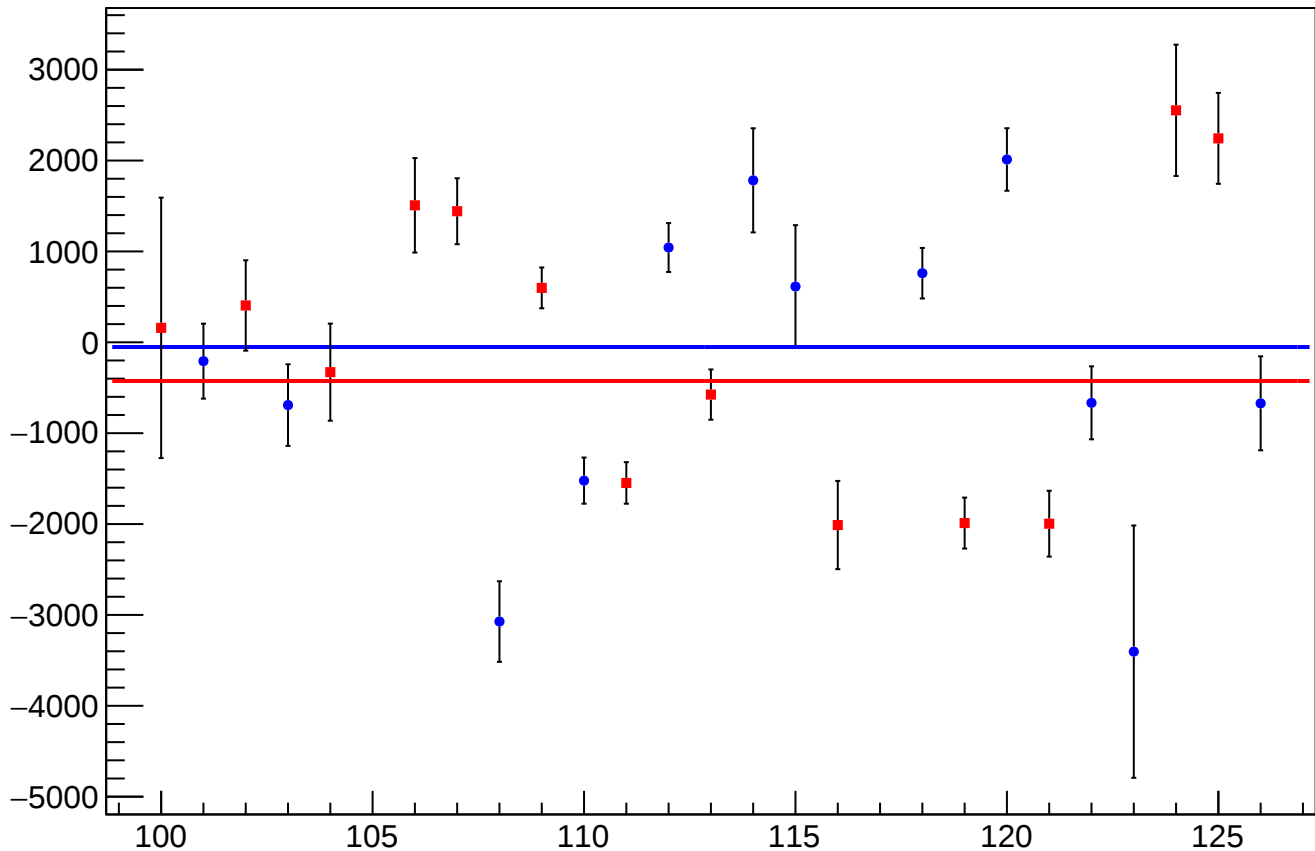
Right: 174.463+/-0.044 χ^2/NDF : 1974861.5/24

In: 183.533+/-0.067 χ^2/NDF :857468.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 174.463+/-0.044 χ^2/NDF : 1974861.5/24

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -51.929+/-110.209 χ^2/NDF : 164.0/11

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

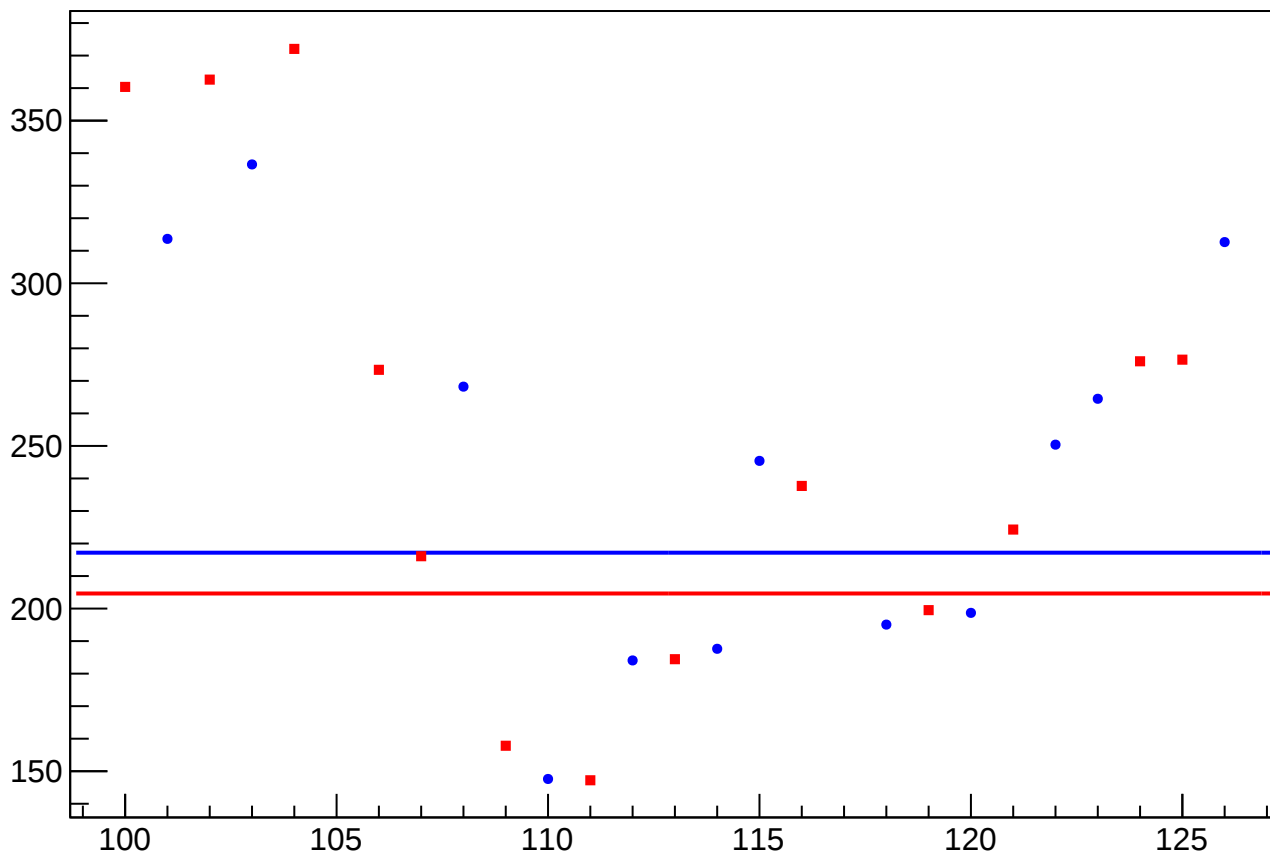
Right: -258.552+/-73.684 χ^2/NDF : 364.8/24

In: -51.929+/-110.209 χ^2/NDF :164.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -258.552+/-73.684 χ^2/NDF : 364.8/24

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 217.179+/-0.078 χ^2/NDF : 569127.9/11

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

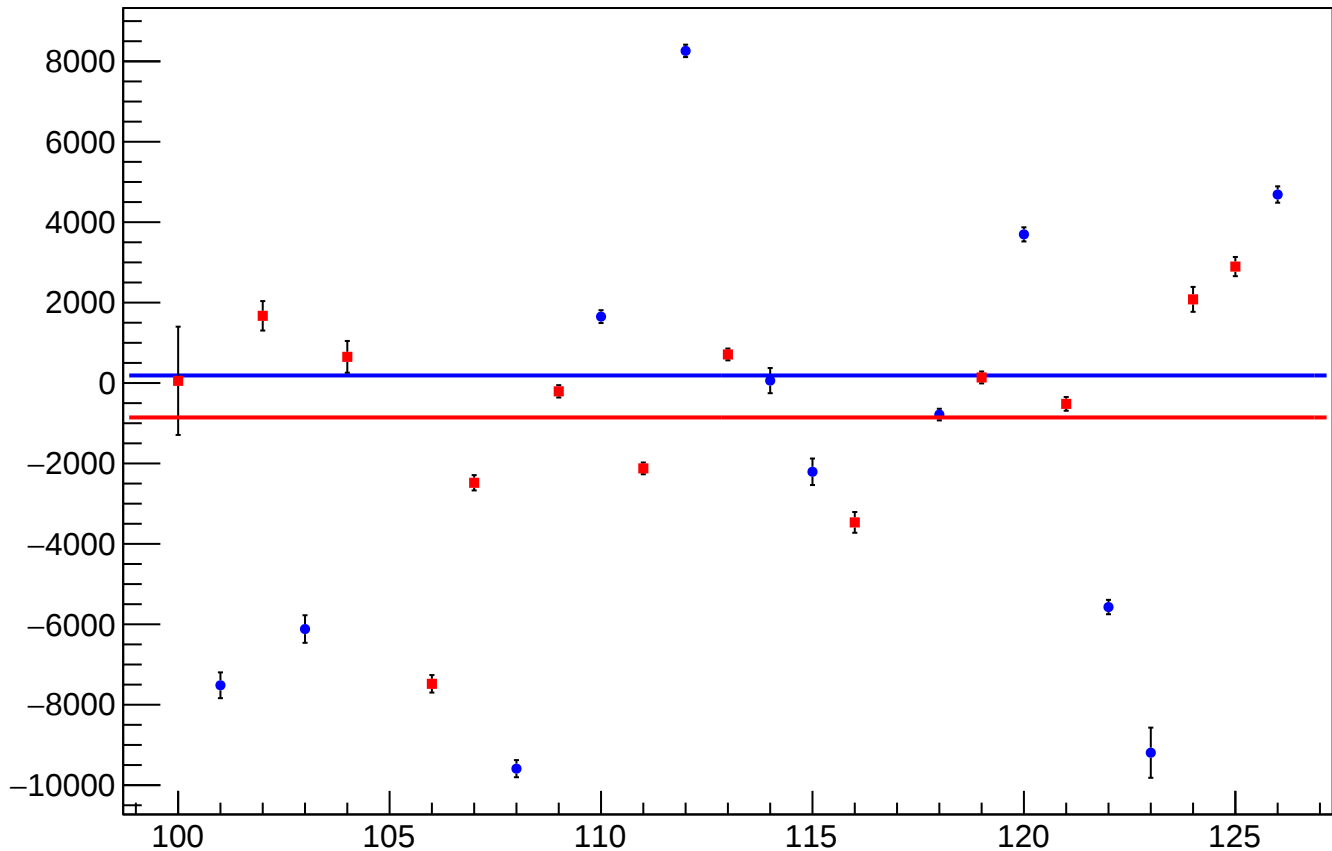
Right: 210.243+/-0.052 χ^2/NDF : 1342299.8/24

In: 217.179+/-0.078 χ^2/NDF :569127.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 210.243+/-0.052 χ^2/NDF : 1342299.8/24

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: 188.234+/-59.890 χ^2/NDF : 8078.5/11

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

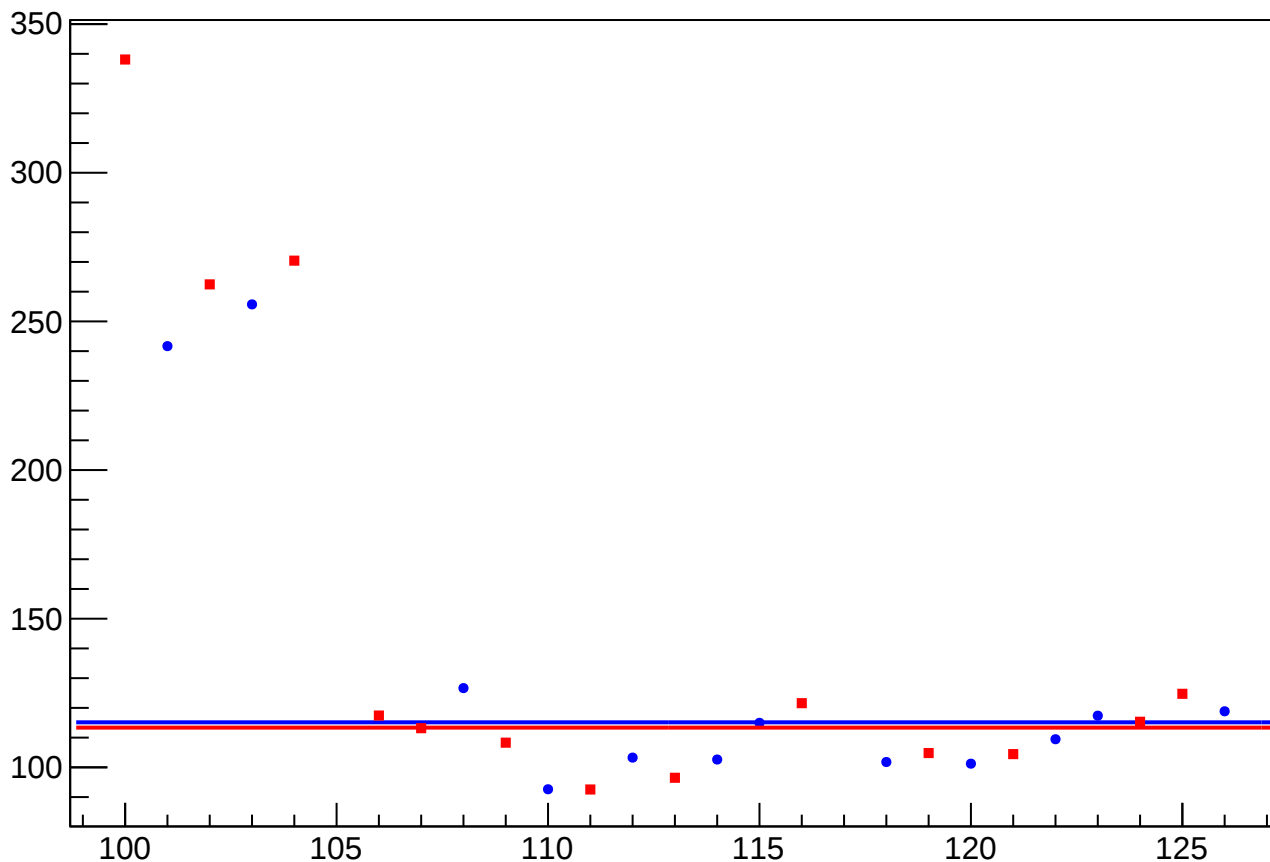
Right: -370.812+/-40.821 χ^2/NDF : 9996.0/24

In: 188.234+/-59.890 χ^2/NDF :8078.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -370.812+/-40.821 χ^2/NDF : 9996.0/24

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 115.145+/-0.042 χ^2/NDF : 740588.7/11

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

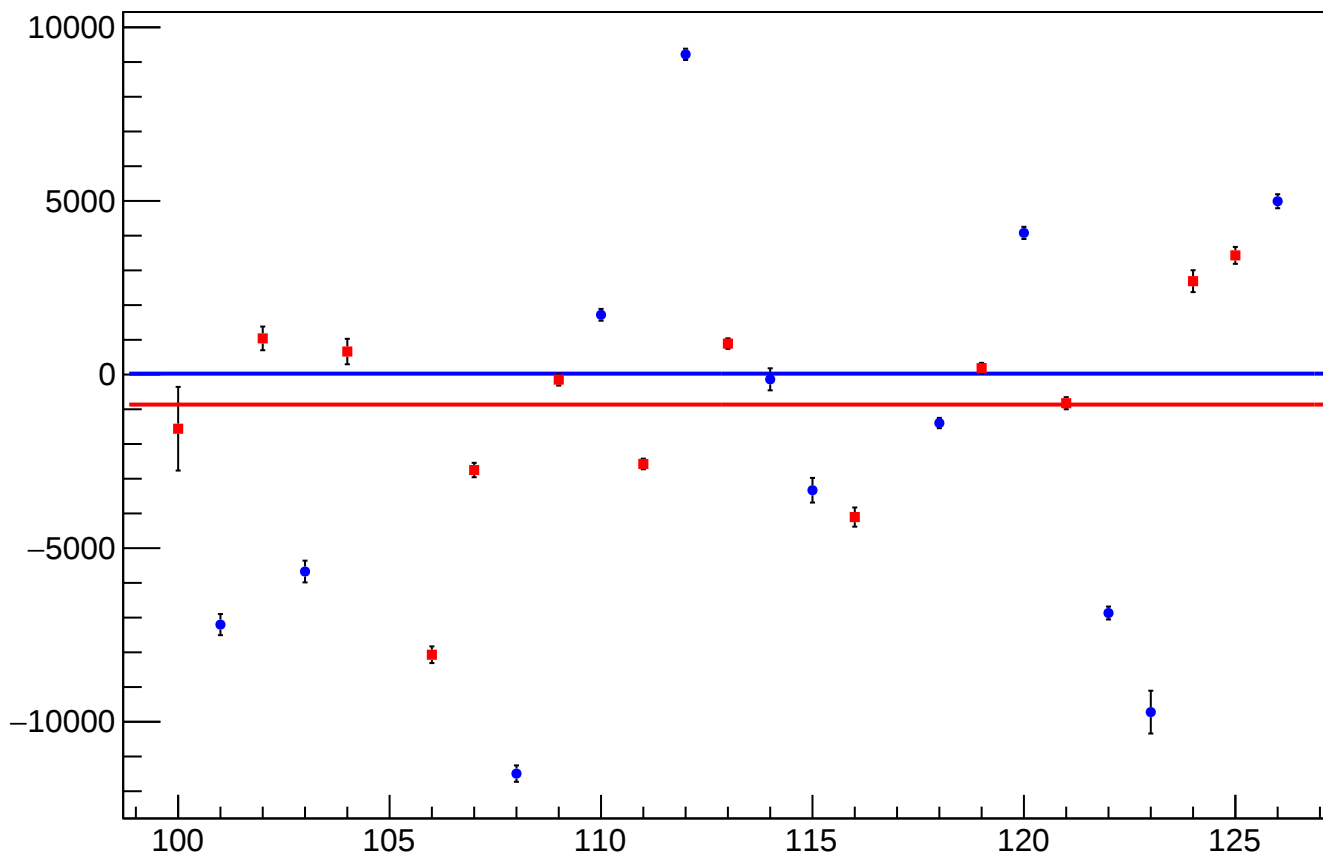
Right: 114.191+/-0.029 χ^2/NDF : 1533612.4/24

In: 115.145+/-0.042 χ^2/NDF :740588.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 114.191+/-0.029 χ^2/NDF : 1533612.4/24

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 26.149+/-61.647 χ^2/NDF : 9508.1/11

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

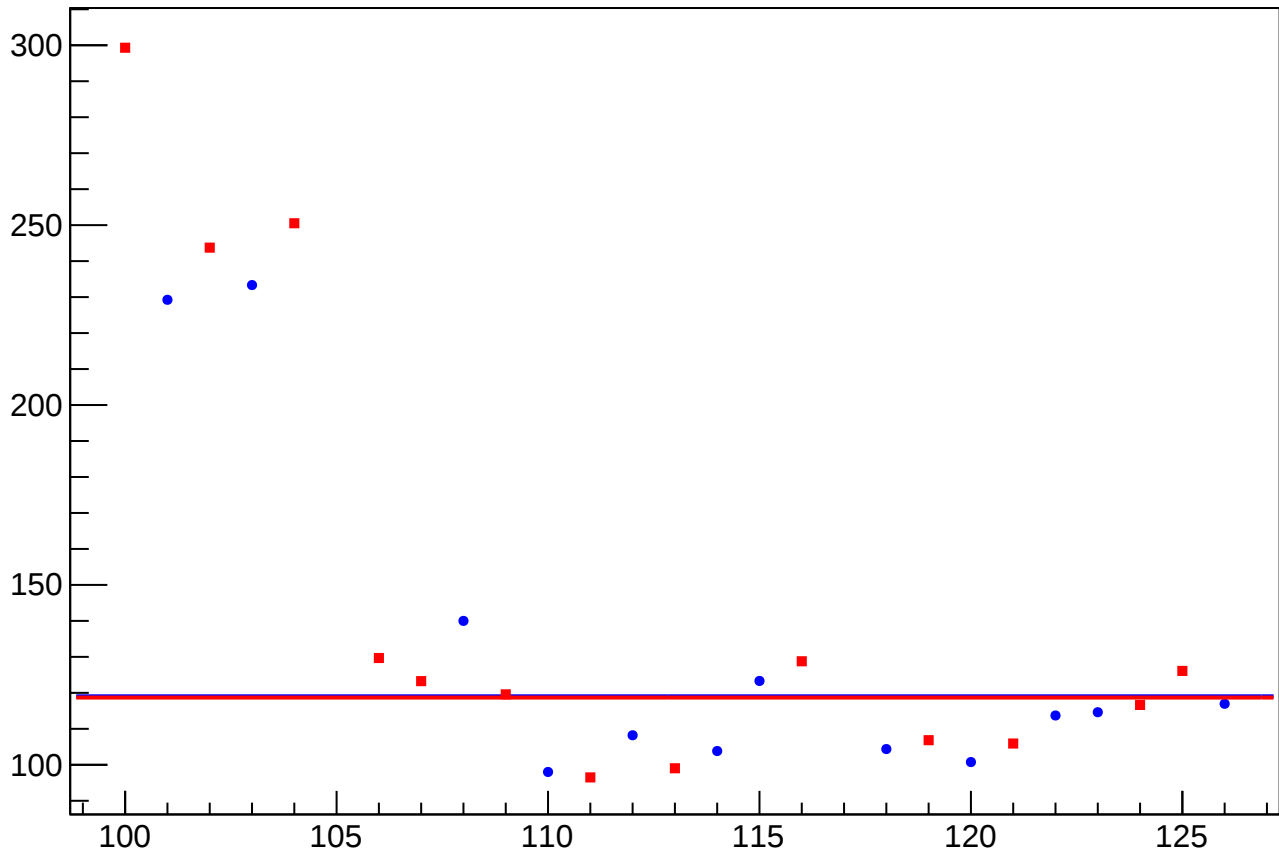
Right: -444.283+/-42.341 χ^2/NDF : 11545.8/24

In: 26.149+/-61.647 χ^2/NDF : 9508.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -444.283+/-42.341 χ^2/NDF : 11545.8/24

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 119.046+/-0.044 χ^2/NDF : 632260.3/11

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

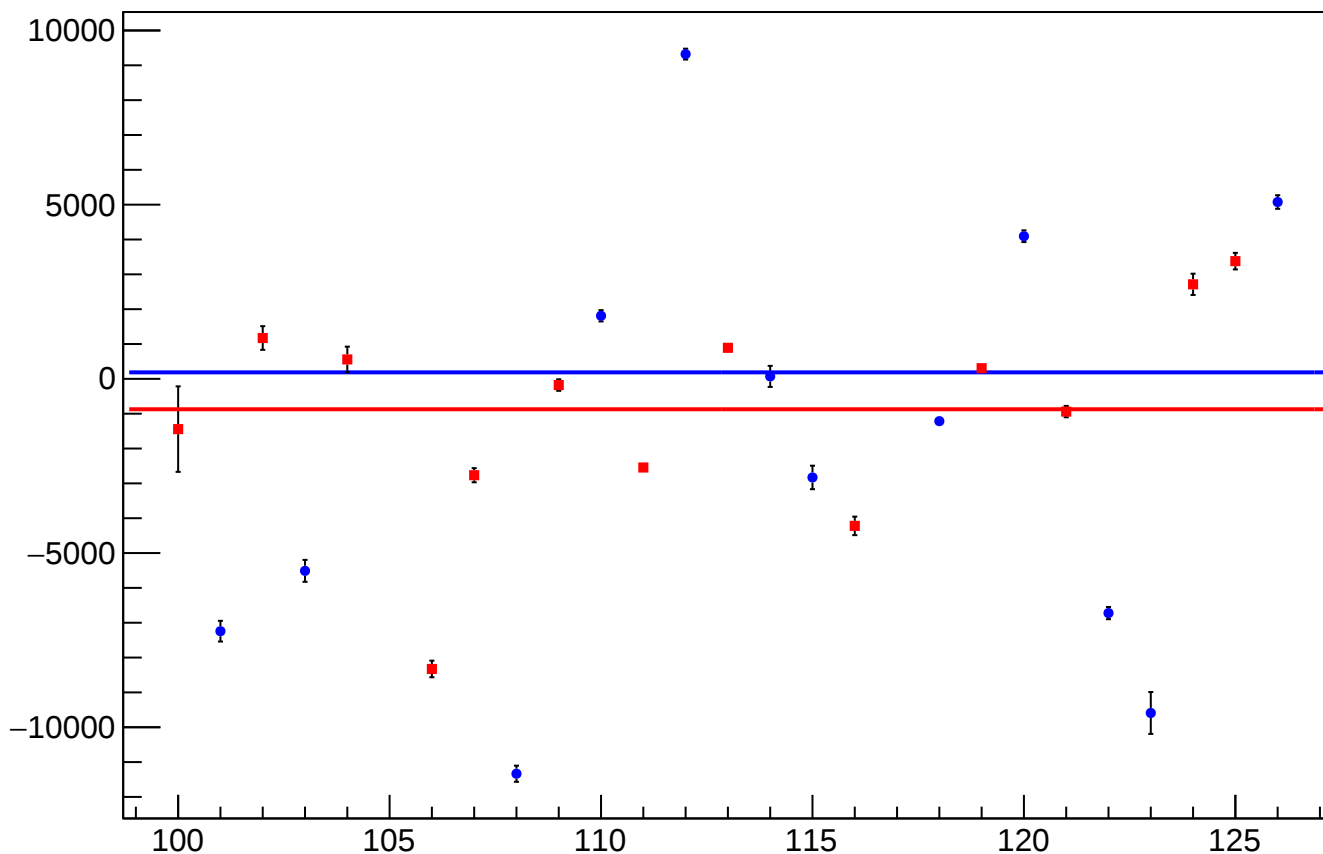
Right: 118.858+/-0.030 χ^2/NDF : 1313572.1/24

In: 119.046+/-0.044 χ^2/NDF :632260.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 118.858+/-0.030 χ^2/NDF : 1313572.1/24

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: 186.804+/-59.175 χ^2/NDF : 10133.0/11

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

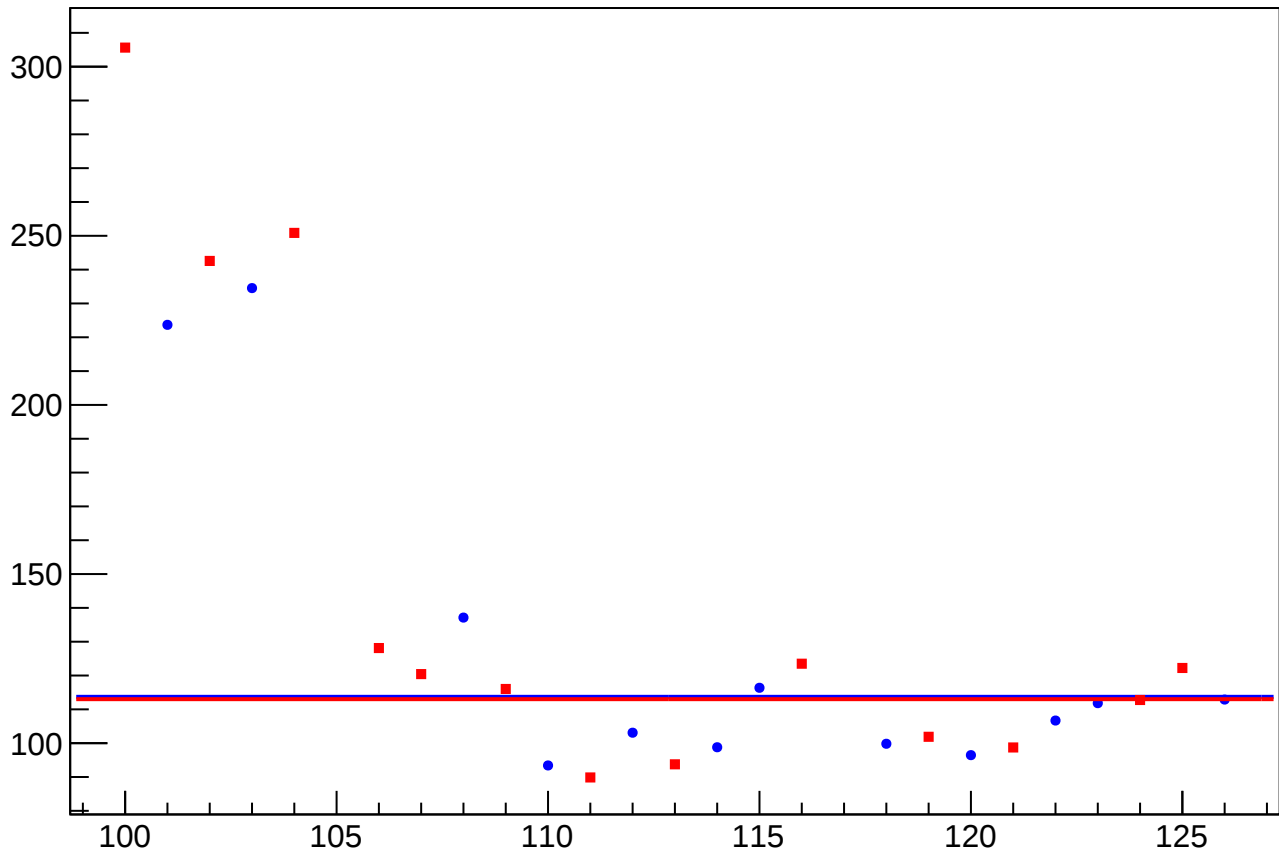
Right: -373.761+/-40.608 χ^2/NDF : 12409.8/24

In: 186.804+/-59.175 χ^2/NDF :10133.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -373.761+/-40.608 χ^2/NDF : 12409.8/24

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 113.704+/-0.042 χ^2/NDF : 678013.3/11

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

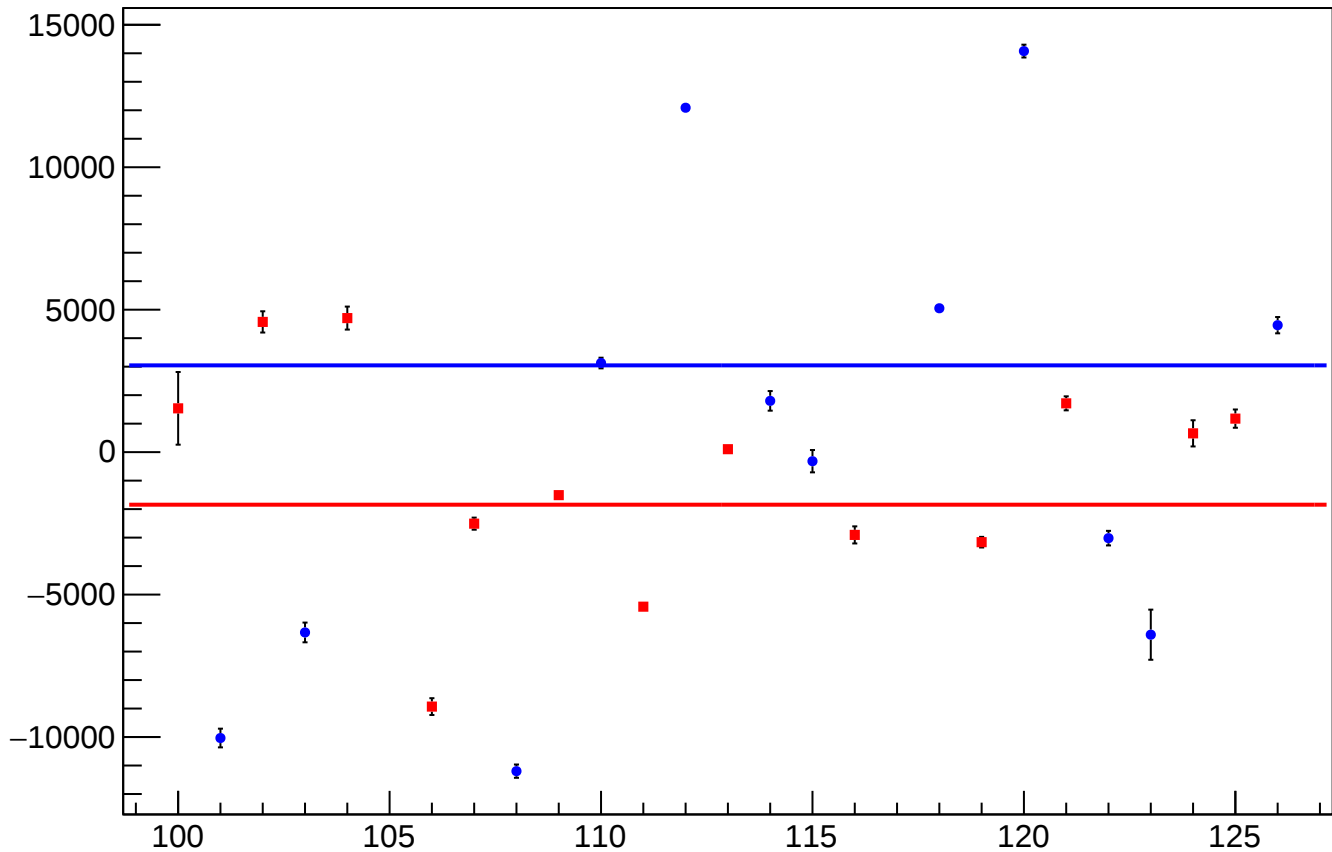
Right: 113.338+/-0.029 χ^2/NDF : 1433742.5/24

In: 113.704+/-0.042 χ^2/NDF : 678013.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.338+/-0.029 χ^2/NDF : 1433742.5/24

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 3045.700+/-71.855 χ^2/NDF : 12038.3/11

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

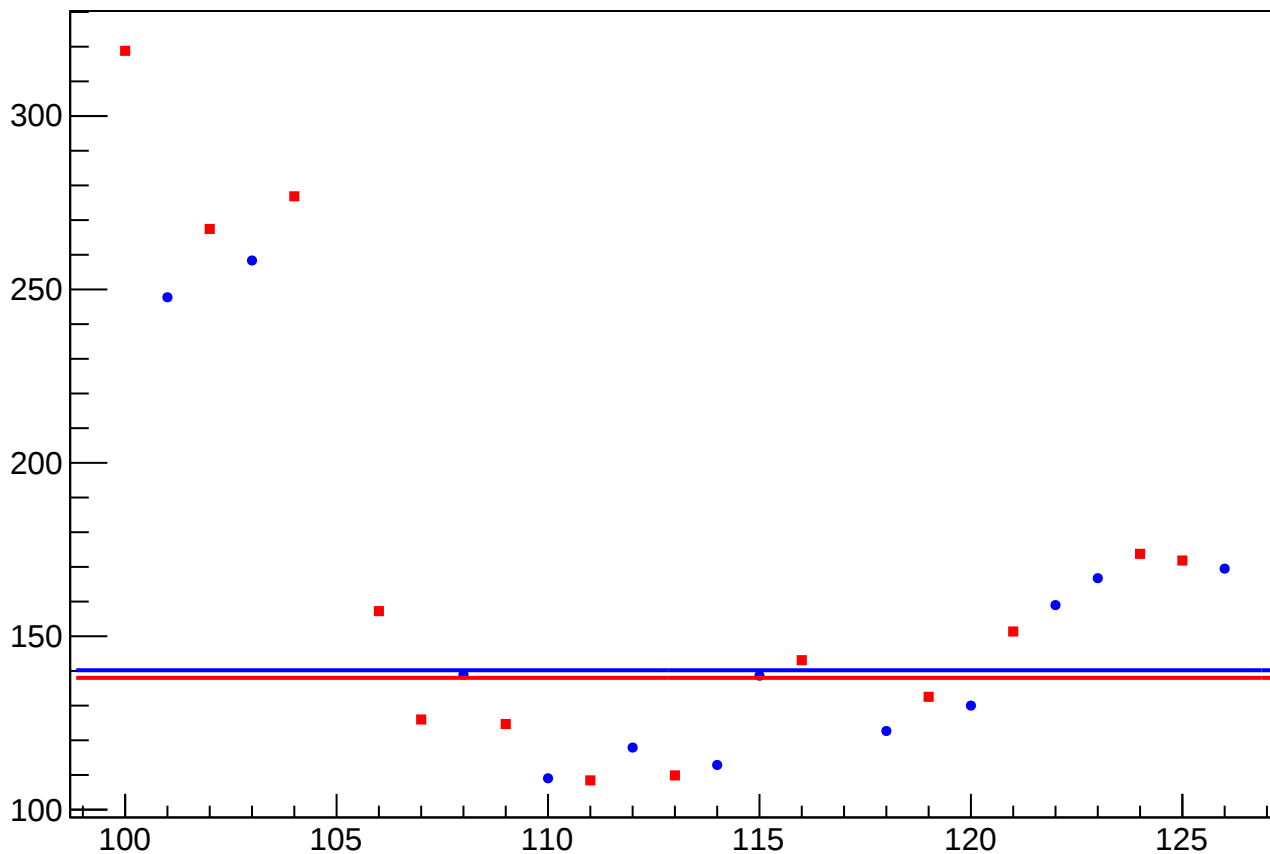
Right: 435.827+/-49.069 χ^2/NDF : 16637.7/24

In: 3045.700+/-71.855 χ^2/NDF : 12038.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 435.827+/-49.069 χ^2/NDF : 16637.7/24

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 140.198+/-0.051 χ^2/NDF : 605832.8/11

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

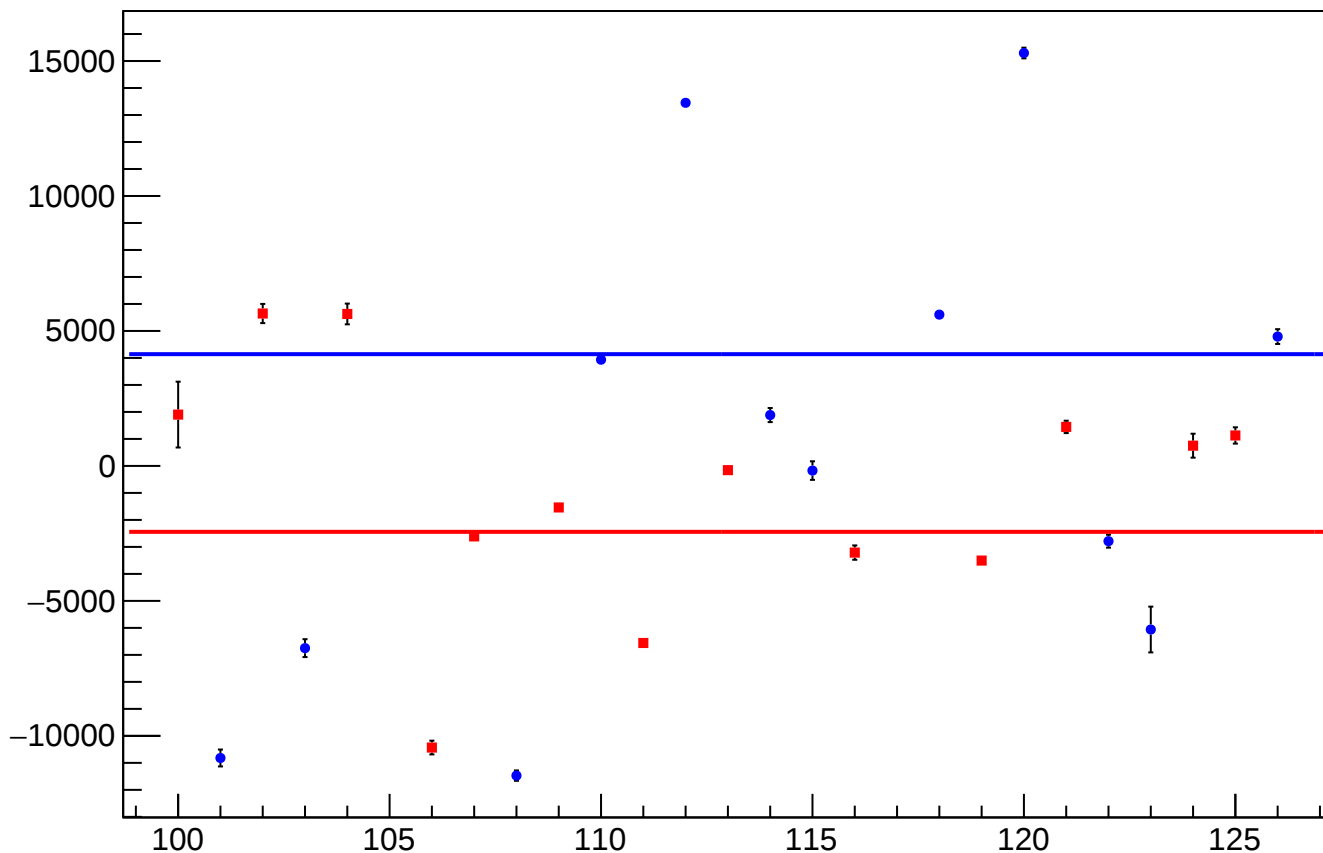
Right: 139.029+/-0.035 χ^2/NDF : 1311259.0/24

In: 140.198+/-0.051 χ^2/NDF : 605832.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.029+/-0.035 χ^2/NDF : 1311259.0/24

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 4140.205+/-59.322 χ^2/NDF : 19370.3/11

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

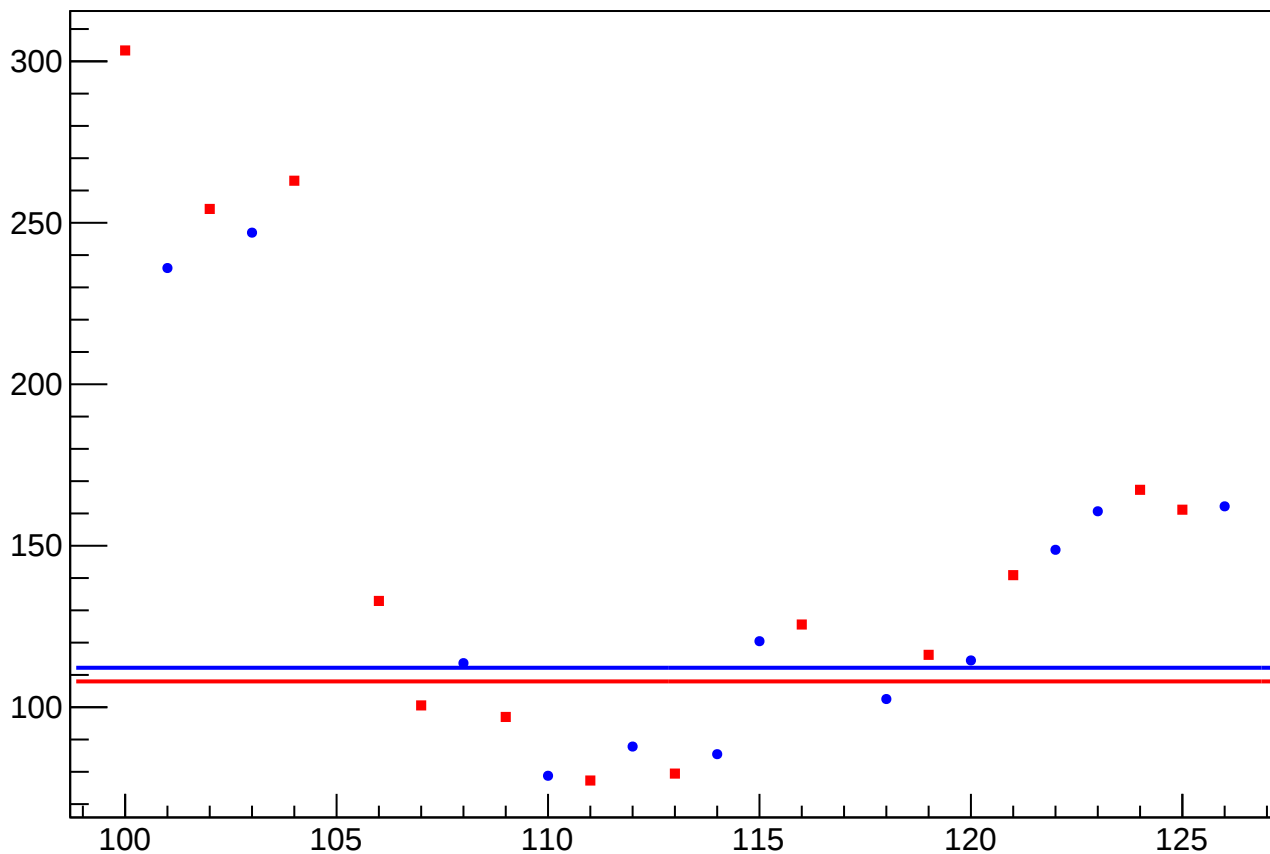
Right: 564.529+/-40.091 χ^2/NDF : 30059.5/24

In: 4140.205+/-59.322 χ^2/NDF :19370.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 564.529+/-40.091 χ^2/NDF : 30059.5/24

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 112.219+/-0.042 χ^2/NDF : 980674.9/11

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

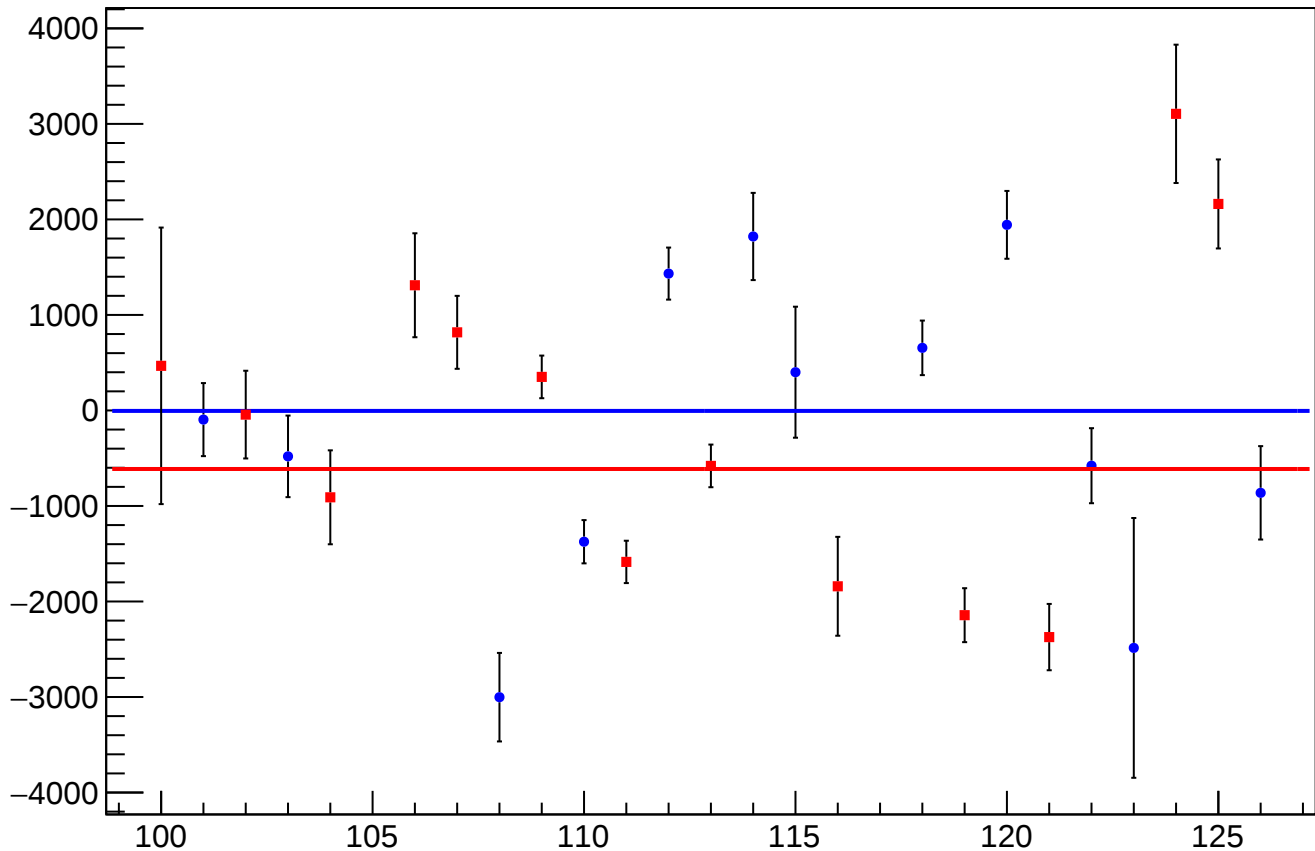
Right: 109.923+/-0.028 χ^2/NDF : 2125104.0/24

In: 112.219+/-0.042 χ^2/NDF : 980674.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.923+/-0.028 χ^2/NDF : 2125104.0/24

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -4.824+/-106.432 χ^2/NDF : 167.9/11

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

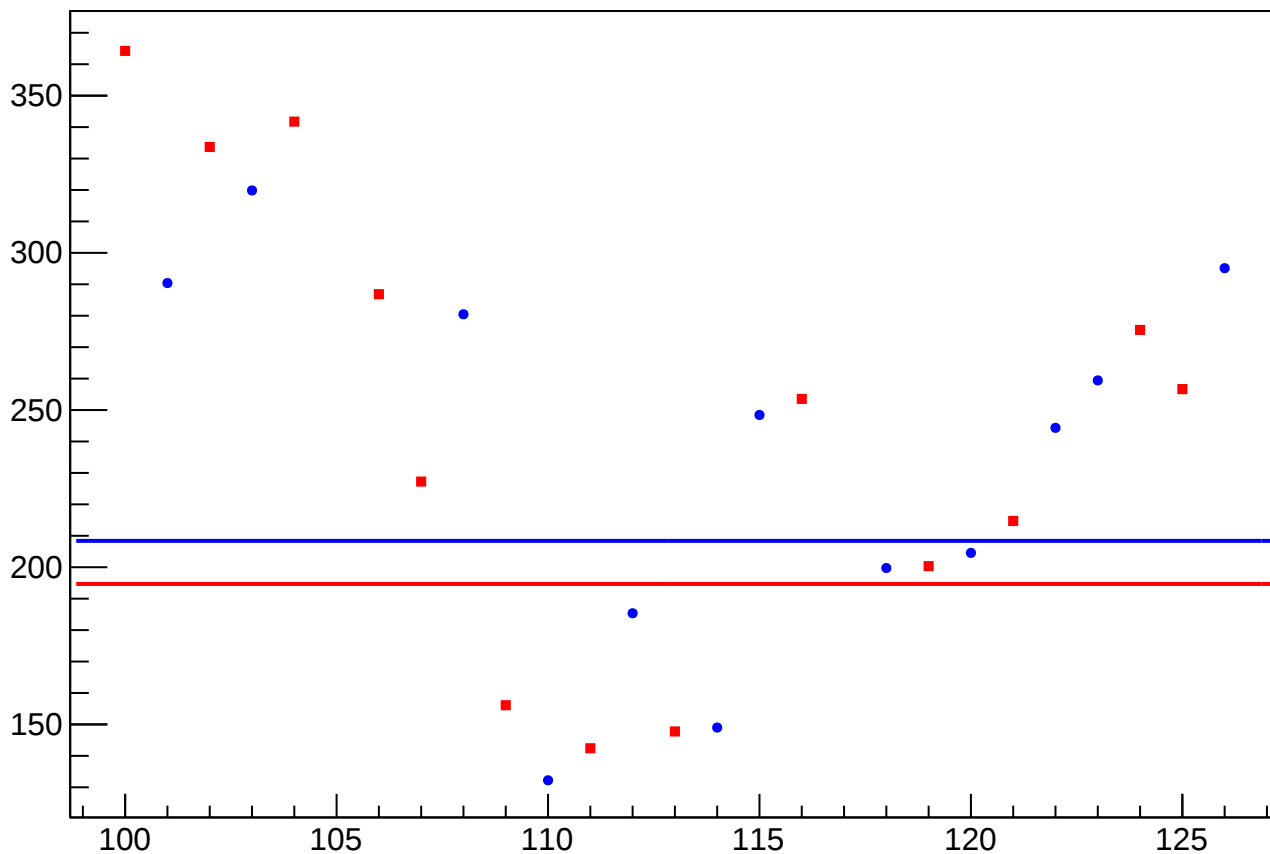
Right: -343.693+/-70.810 χ^2/NDF : 375.5/24

In: -4.824+/-106.432 χ^2/NDF : 167.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -343.693+/-70.810 χ^2/NDF : 375.5/24

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 208.386+/-0.075 χ^2/NDF : 642415.5/11

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

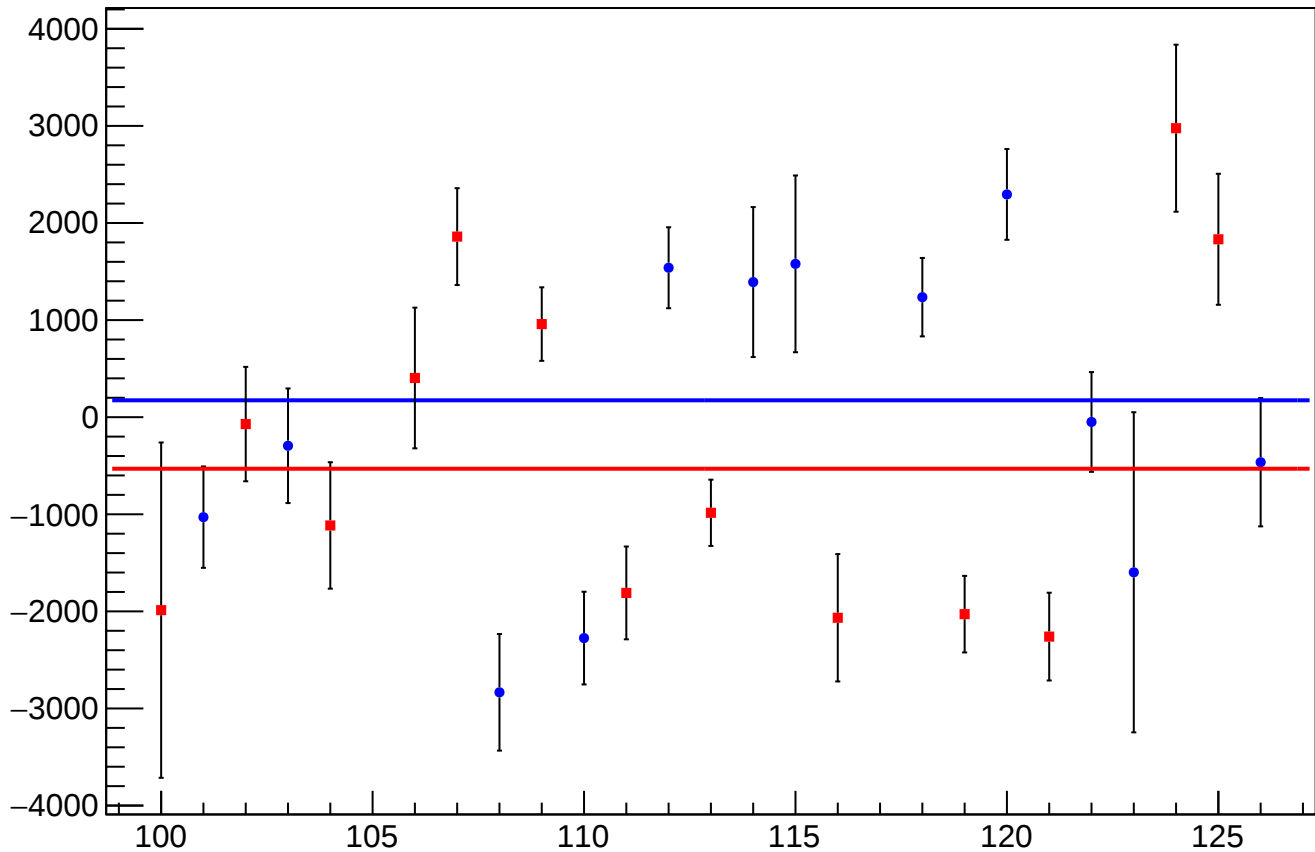
Right: 200.747+/-0.050 χ^2/NDF : 1475377.3/24

In: 208.386+/-0.075 χ^2/NDF : 642415.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 200.747+/-0.050 χ^2/NDF : 1475377.3/24

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 173.956+/-159.127 χ^2/NDF : 102.7/11

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

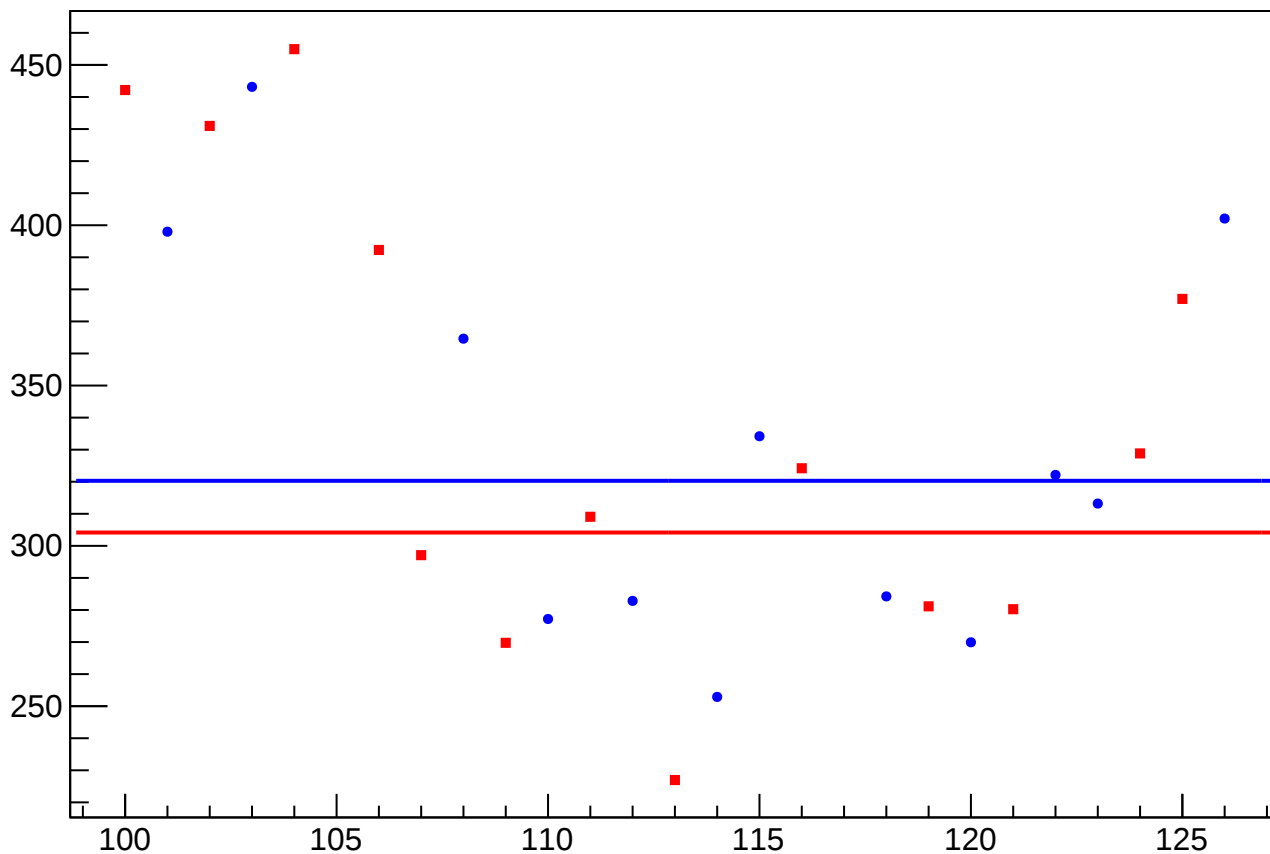
Right: -215.012+/-106.521 χ^2/NDF : 228.1/24

In: 173.956+/-159.127 χ^2/NDF : 102.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -215.012+/-106.521 χ^2/NDF : 228.1/24

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 320.291+/-0.113 χ^2/NDF : 259844.0/11

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

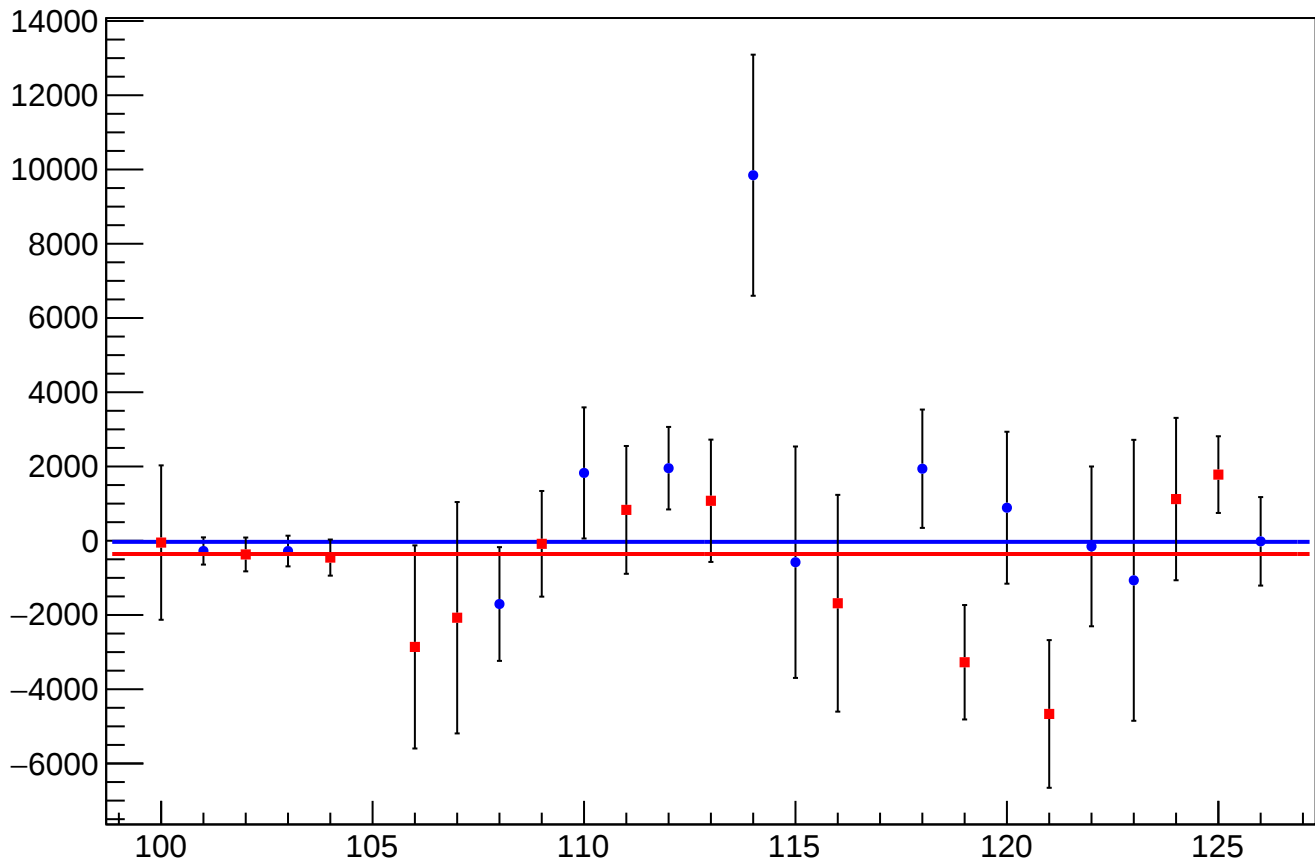
Right: 311.388+/-0.075 χ^2/NDF : 672110.3/24

In: 320.291+/-0.113 χ^2/NDF : 259844.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 311.388+/-0.075 χ^2/NDF : 672110.3/24

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -29.971 ± 244.988 $\chi^2/\text{NDF}: 17.4/11$

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

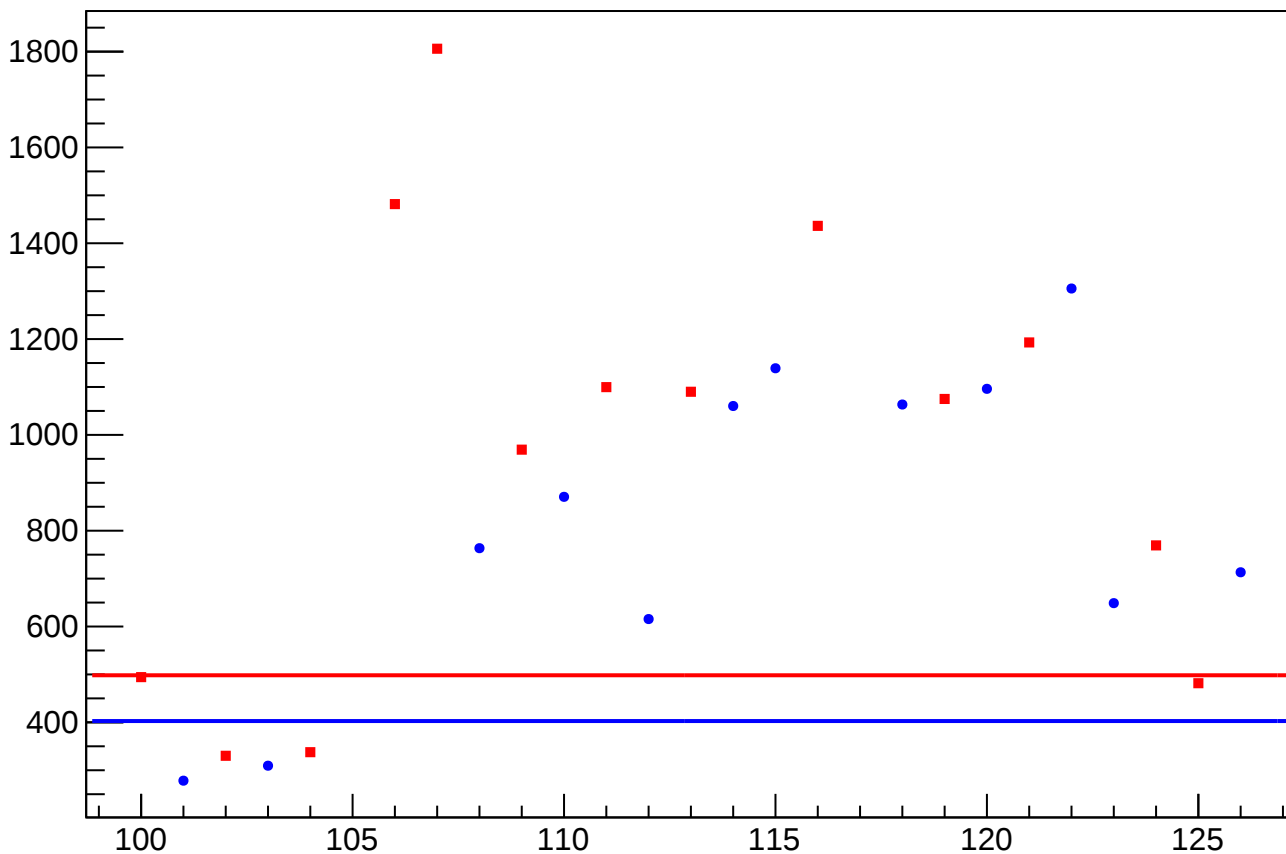
Right: -171.183 ± 184.705 $\chi^2/\text{NDF}: 33.8/24$

In: -29.971 ± 244.988 $\chi^2/\text{NDF}: 17.4/11$

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

All: -171.183 ± 184.705 $\chi^2/\text{NDF}: 33.8/24$

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 402.705+/-0.173 χ^2/NDF : 1919869.8/11

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

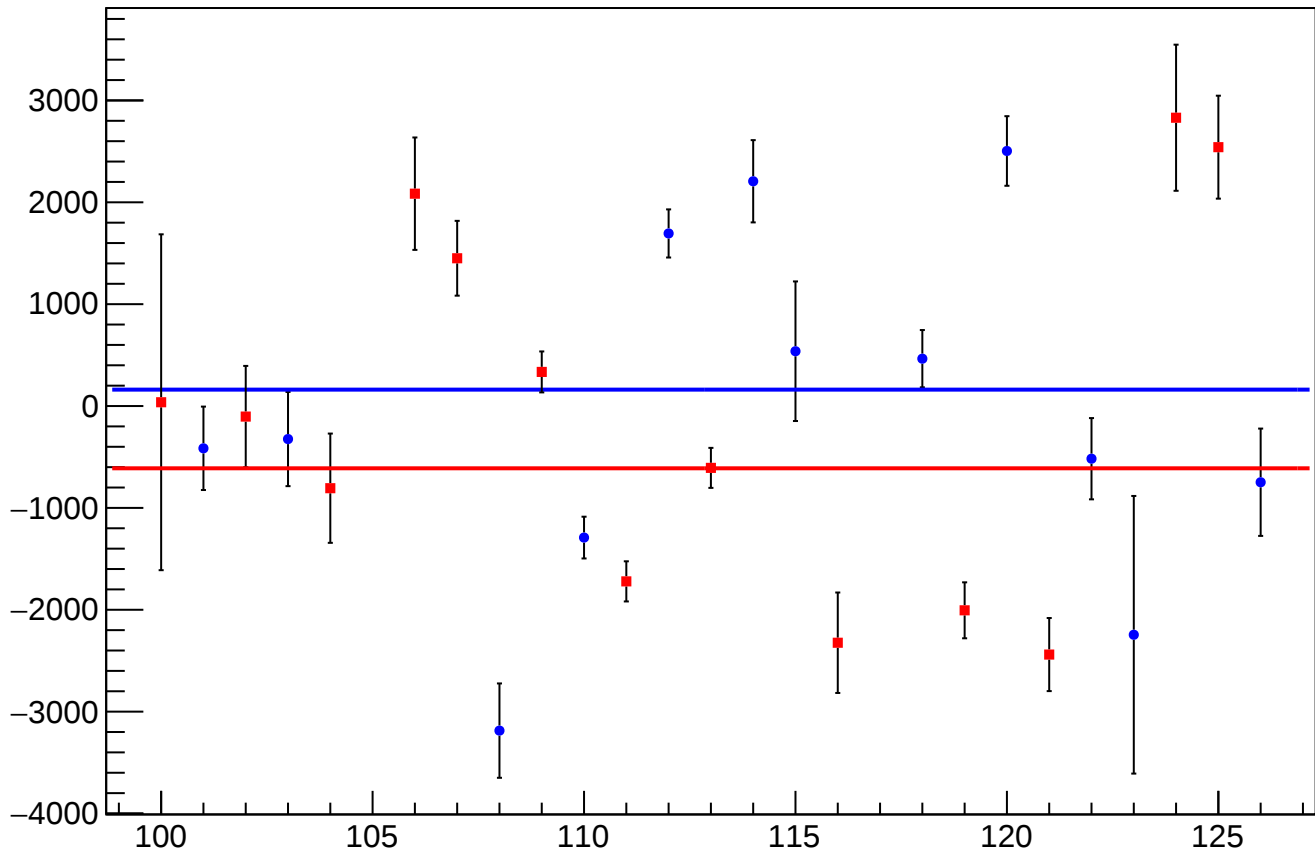
Right: 443.938+/-0.131 χ^2/NDF : 4634922.8/24

In: 402.705+/-0.173 χ^2/NDF : 1919869.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.938+/-0.131 χ^2/NDF : 4634922.8/24

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 161.100+/-101.577 χ^2/NDF : 230.8/11

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

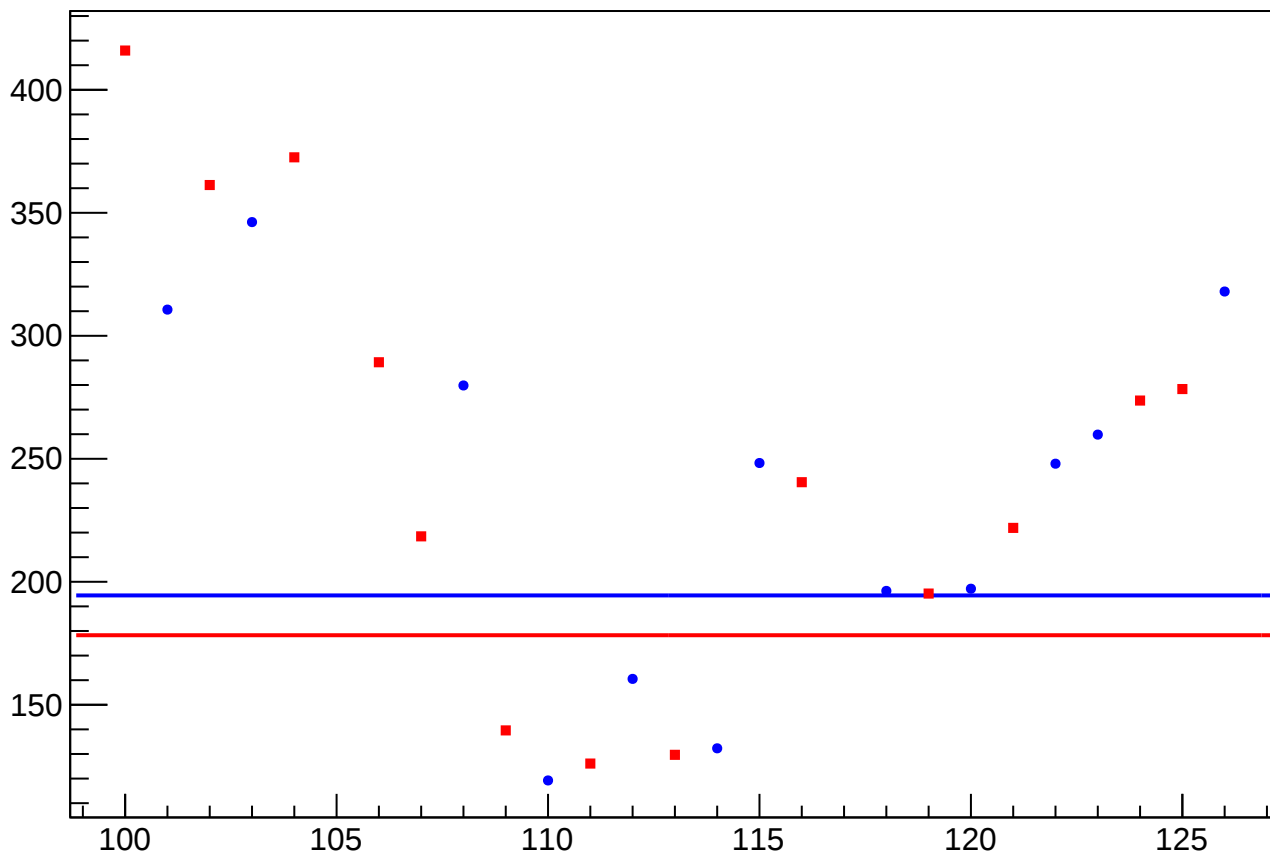
Right: -275.500+/-66.973 χ^2/NDF : 499.8/24

In: 161.100+/-101.577 χ^2/NDF : 230.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -275.500+/-66.973 χ^2/NDF : 499.8/24

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 194.457+/-0.072 χ^2/NDF : 965685.1/11

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

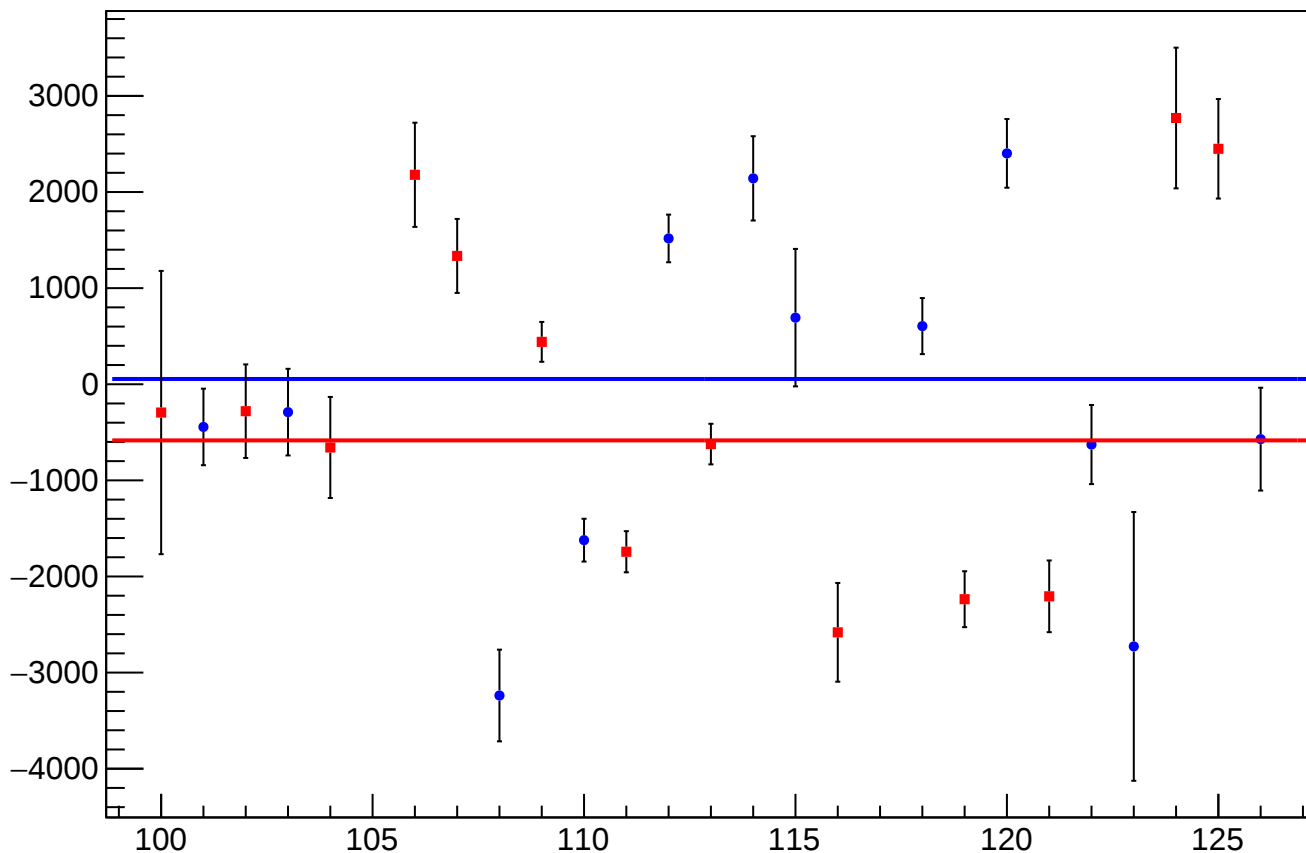
Right: 185.310+/-0.047 χ^2/NDF : 2193807.3/24

In: 194.457+/-0.072 χ^2/NDF : 965685.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.310+/-0.047 χ^2/NDF : 2193807.3/24

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: 54.962+/-106.181 χ^2 /NDF: 219.5/11

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

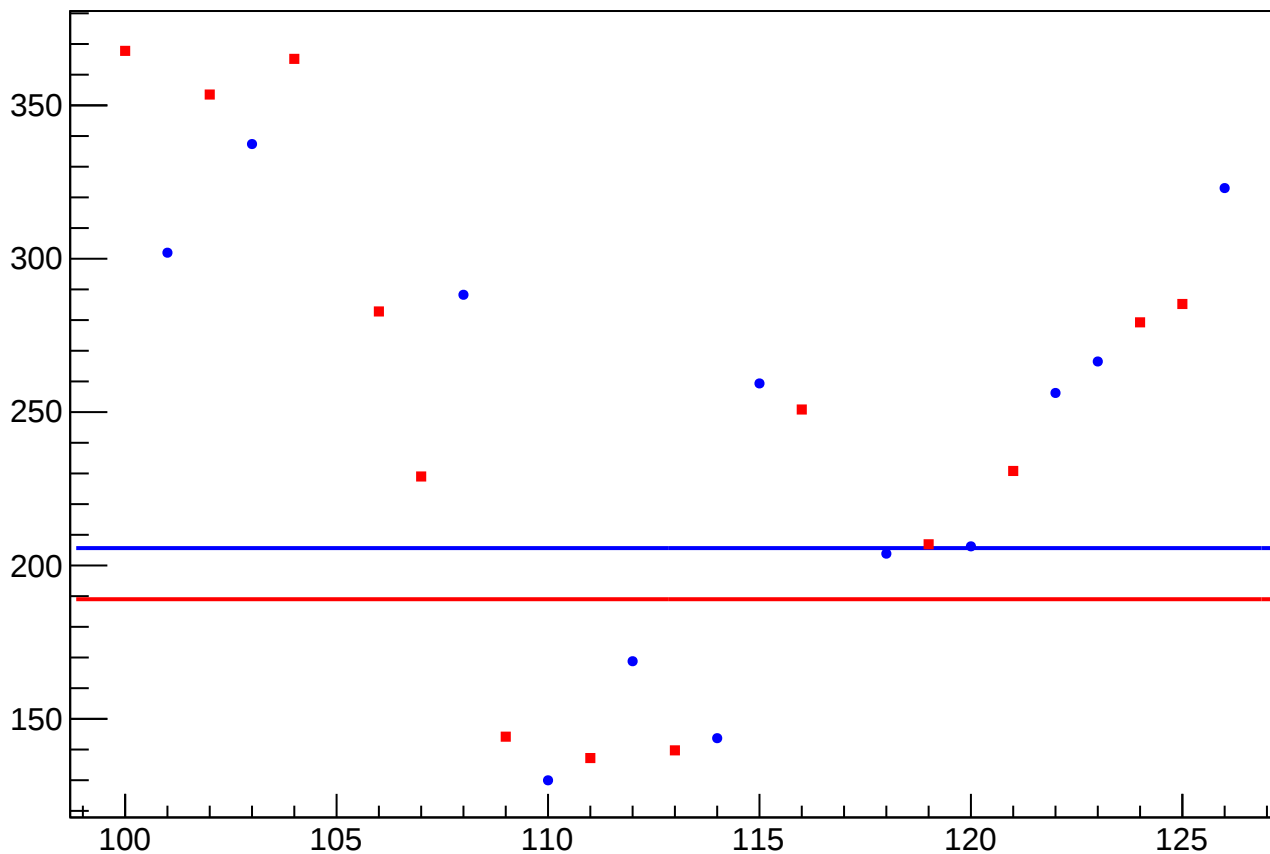
Right: -304.898+/-70.179 χ^2 /NDF: 466.6/24

In: 54.962+/-106.181 χ^2 /NDF:219.5/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -304.898+/-70.179 χ^2 /NDF: 466.6/24

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 205.668 $\pm$ 0.075 χ^2 /NDF: 804439.5/11

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

Right Out: 189.002 $\pm$ 0.066 χ^2 /NDF: 1044339.3/12

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

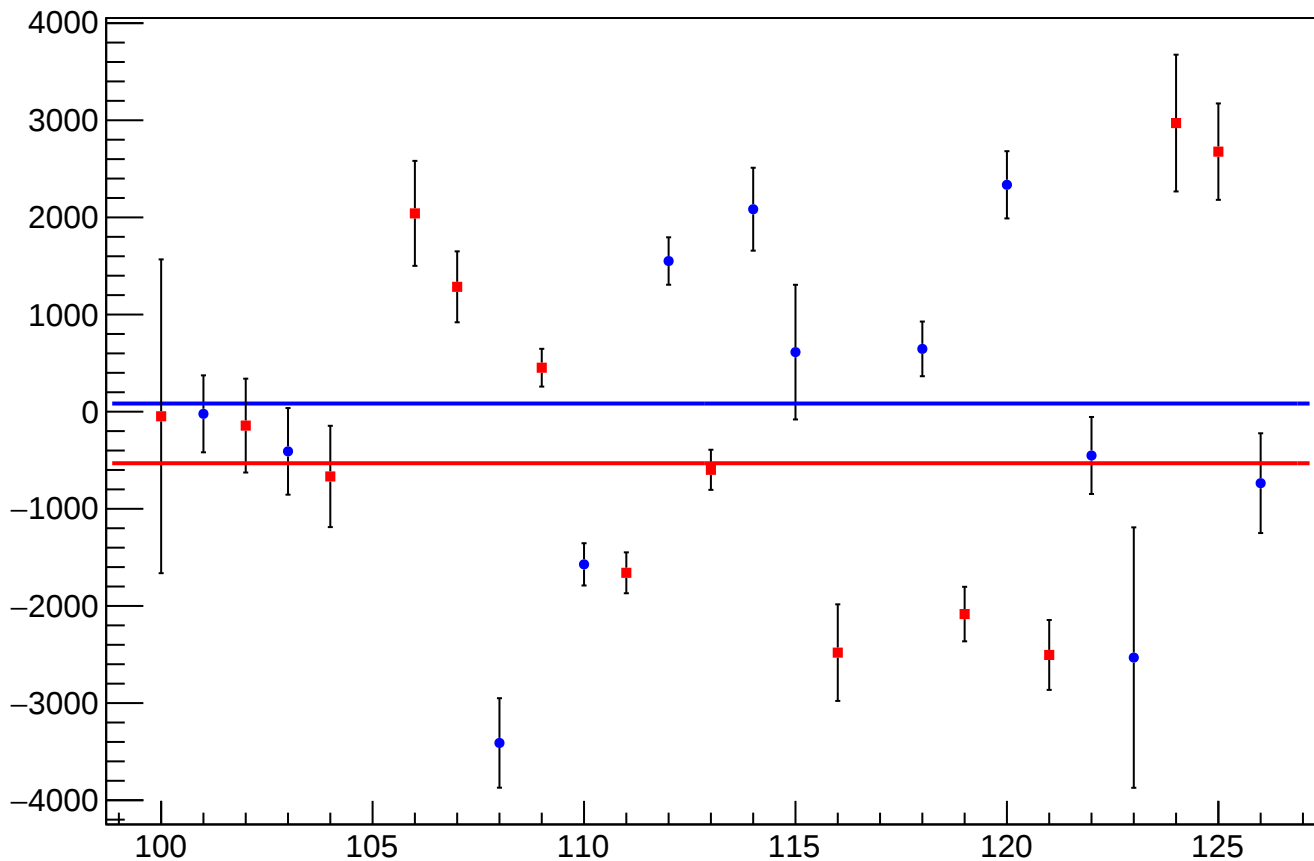
Right: 196.283 $\pm$ 0.050 χ^2 /NDF: 1876526.2/24

In: 205.668 $\pm$ 0.075 χ^2 /NDF:804439.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 196.283 $\pm$ 0.050 χ^2 /NDF: 1876526.2/24

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 83.897+/-103.541 χ^2 /NDF: 229.9/11

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

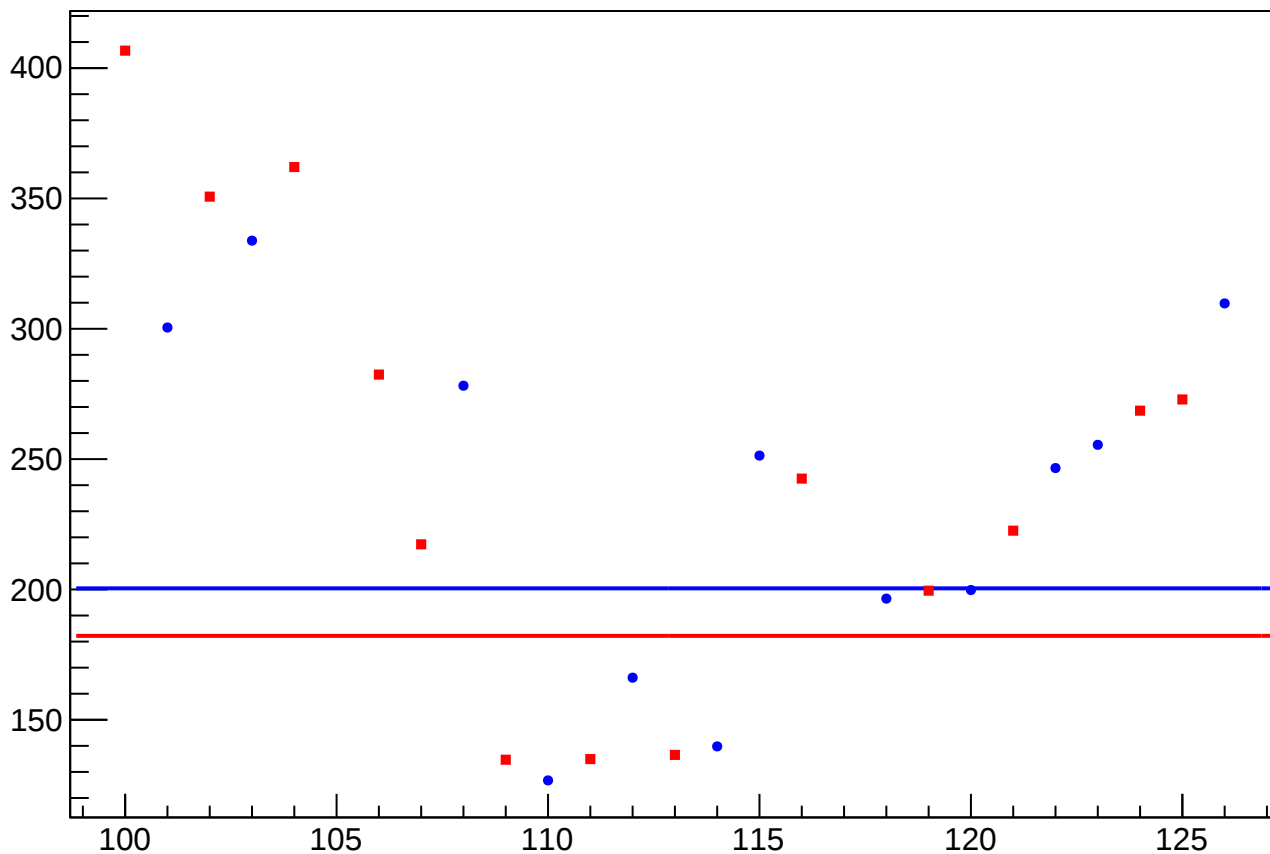
Right: -264.776+/-68.113 χ^2 /NDF: 495.1/24

In: 83.897+/-103.541 χ^2 /NDF:229.9/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -264.776+/-68.113 χ^2 /NDF: 495.1/24

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 200.423+/-0.073 χ^2/NDF : 805012.8/11

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

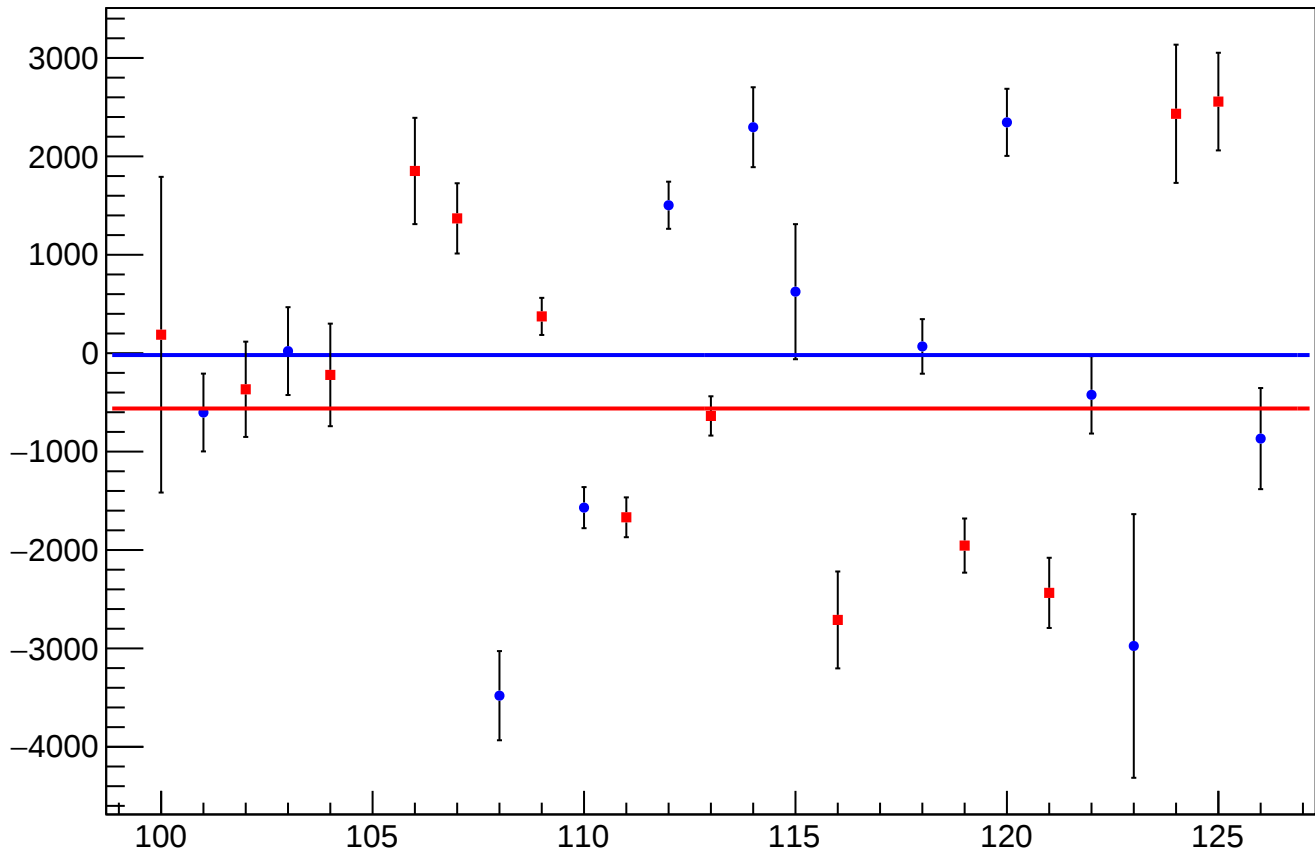
Right: 190.090+/-0.048 χ^2/NDF : 1924449.4/24

In: 200.423+/-0.073 χ^2/NDF :805012.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 190.090+/-0.048 χ^2/NDF : 1924449.4/24

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: -18.952 ± 101.402 χ^2/NDF : 246.3/11

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

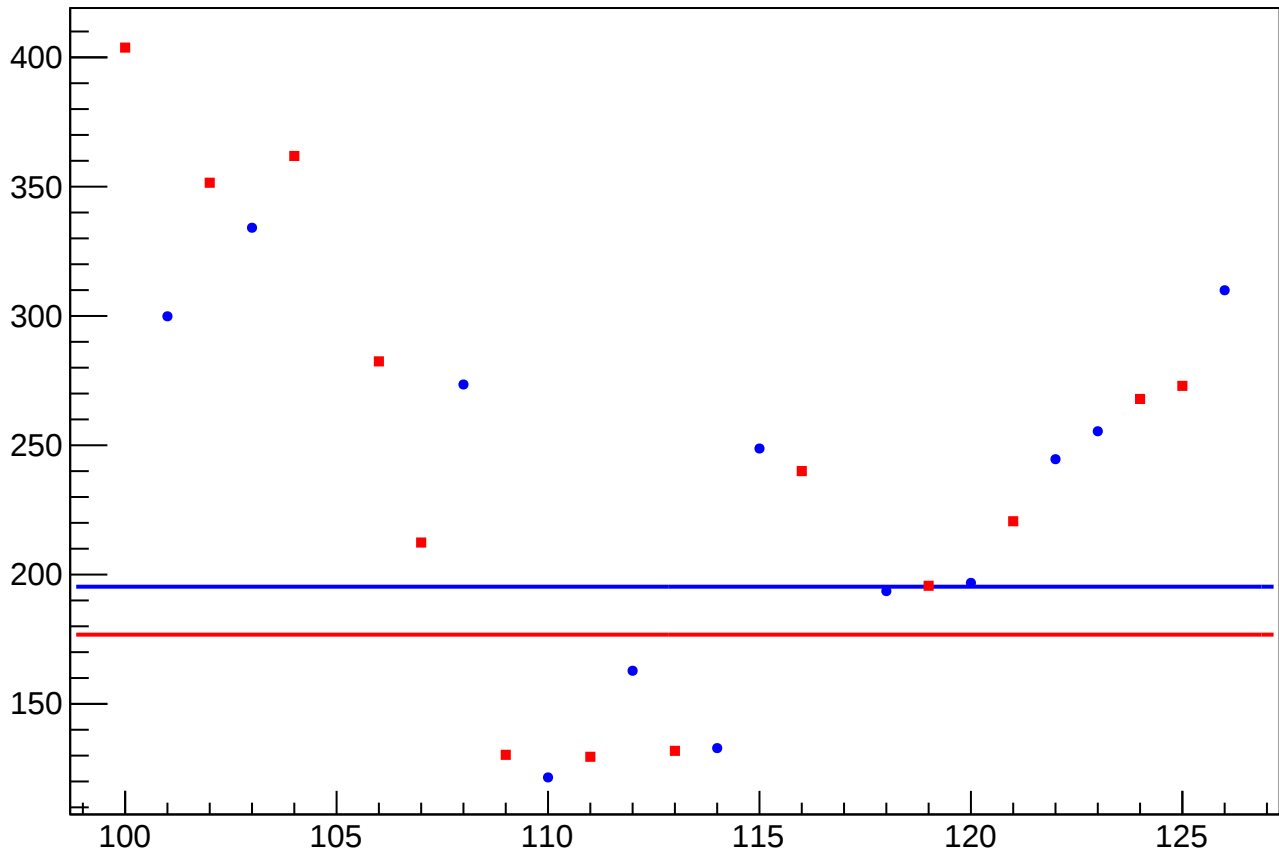
Right: -328.093 ± 66.550 χ^2/NDF : 497.3/24

In: -18.952 ± 101.402 χ^2/NDF : 246.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -328.093 ± 66.550 χ^2/NDF : 497.3/24

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 195.318+/-0.072 χ^2/NDF : 873693.8/11

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

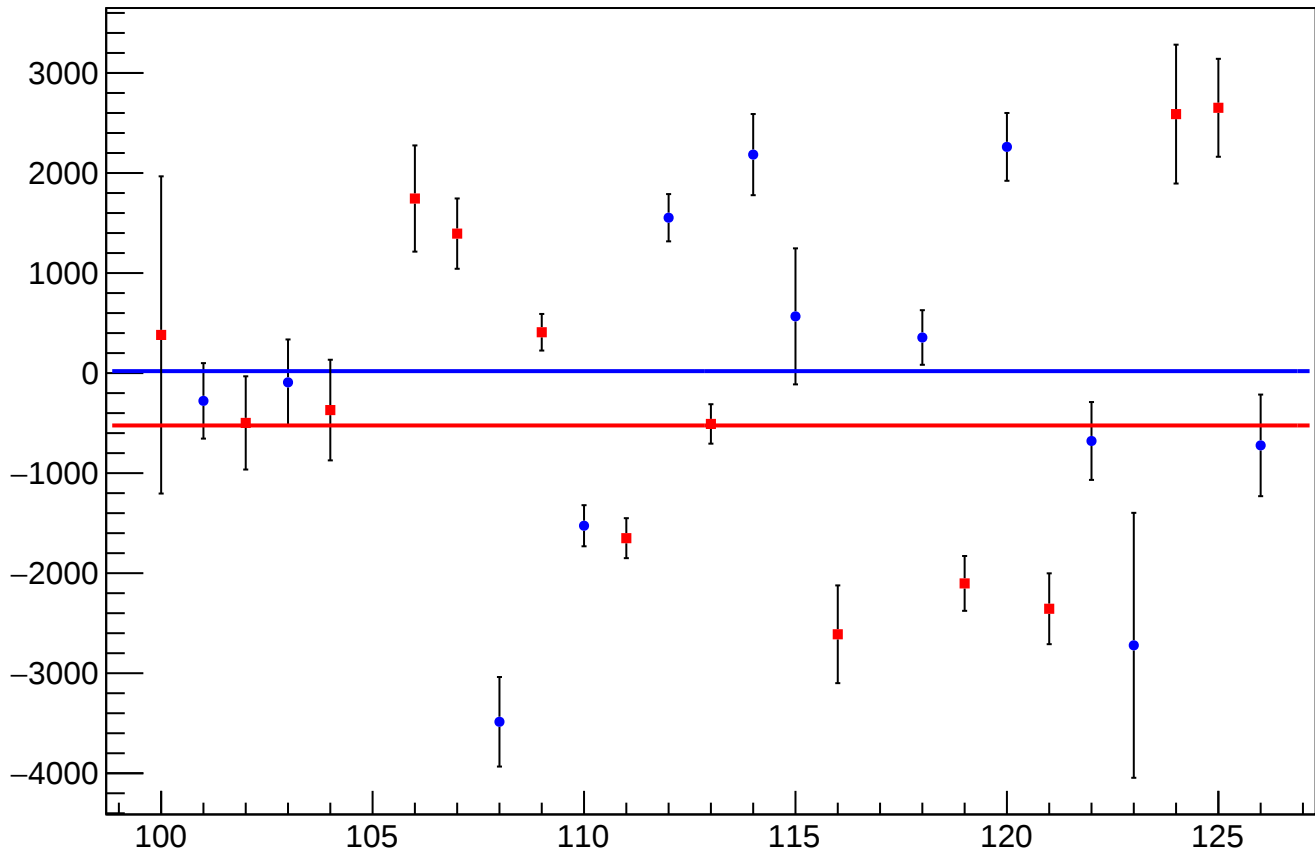
Right: 184.762+/-0.047 χ^2/NDF : 2074408.3/24

In: 195.318+/-0.072 χ^2/NDF :873693.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 184.762+/-0.047 χ^2/NDF : 2074408.3/24

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: 19.631+/-99.761 χ^2/NDF : 244.7/11

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

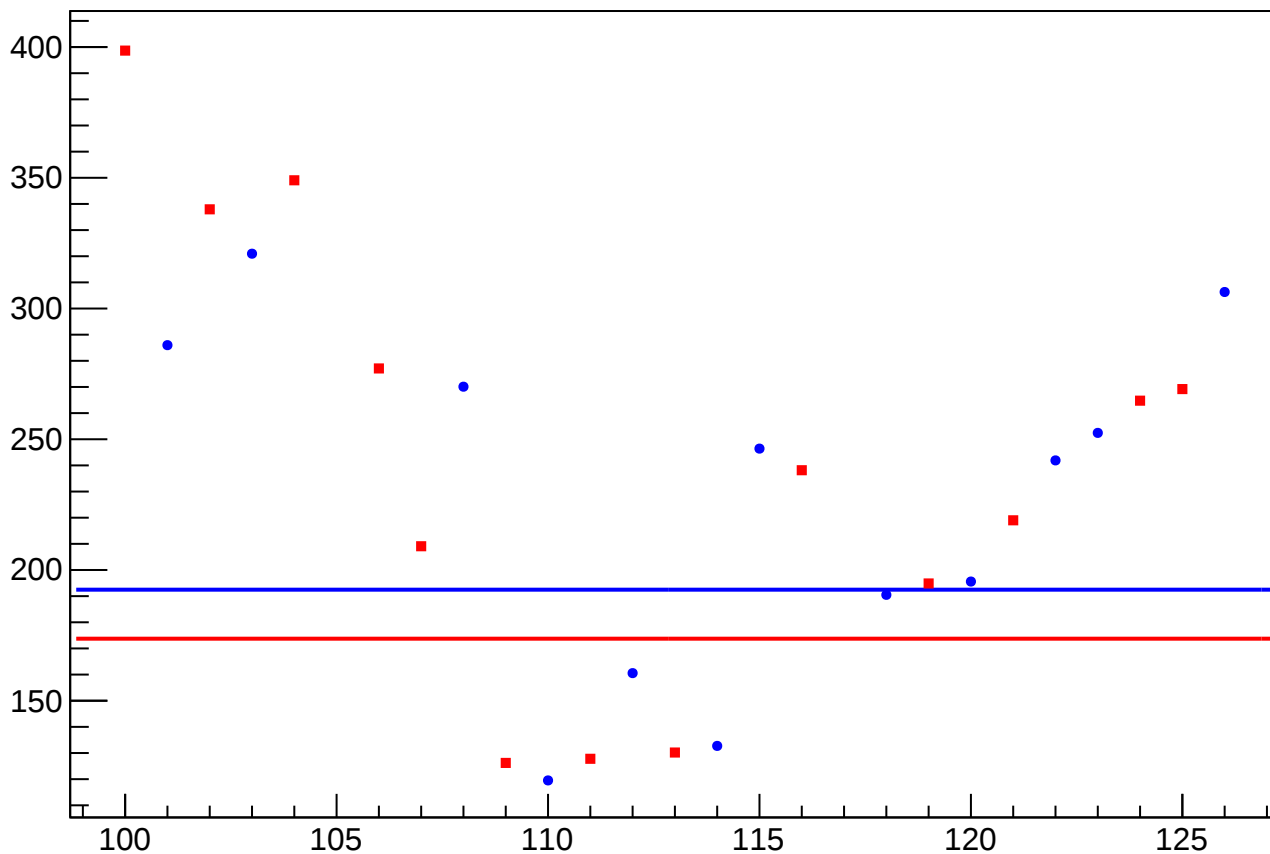
Right: -289.733+/-65.444 χ^2/NDF : 508.2/24

In: 19.631+/-99.761 χ^2/NDF : 244.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -289.733+/-65.444 χ^2/NDF : 508.2/24

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 192.471+/-0.071 χ^2/NDF : 844351.9/11

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

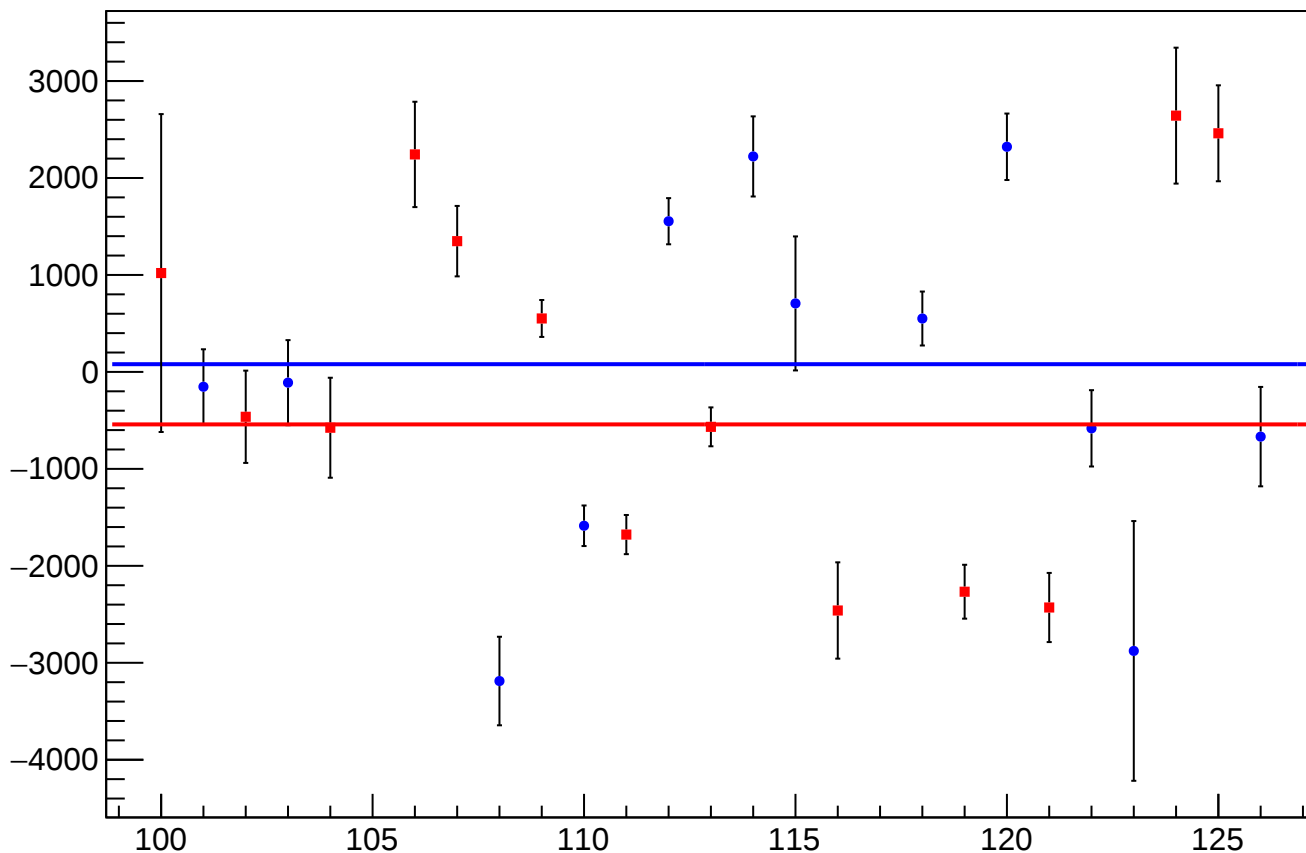
Right: 181.793+/-0.046 χ^2/NDF : 2040350.7/24

In: 192.471+/-0.071 χ^2/NDF : 844351.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.793+/-0.046 χ^2/NDF : 2040350.7/24

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 79.636+/-101.335 χ^2/NDF : 236.8/11

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

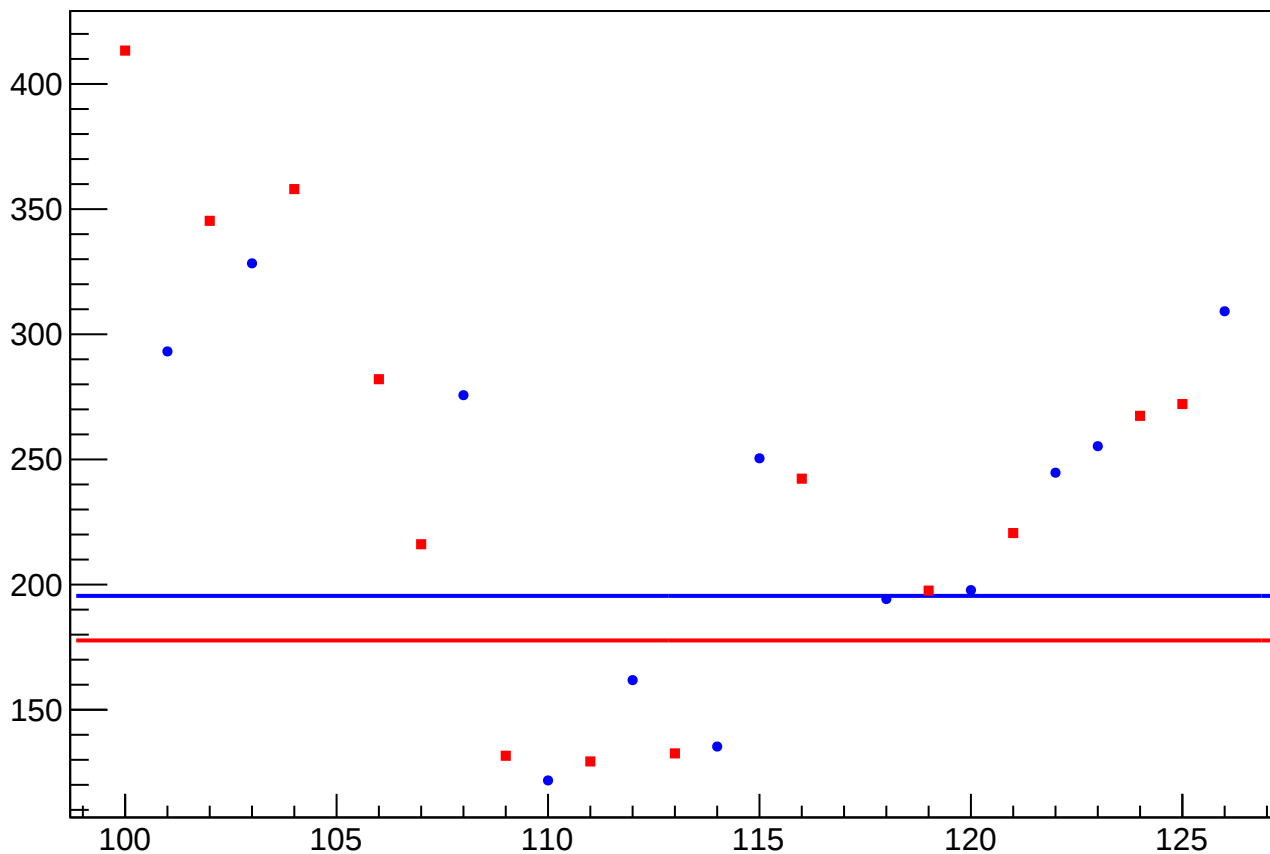
Right: -272.333+/-66.693 χ^2/NDF : 515.9/24

In: 79.636+/-101.335 χ^2/NDF : 236.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -272.333+/-66.693 χ^2/NDF : 515.9/24

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 195.493+/-0.072 χ^2/NDF : 850087.9/11

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

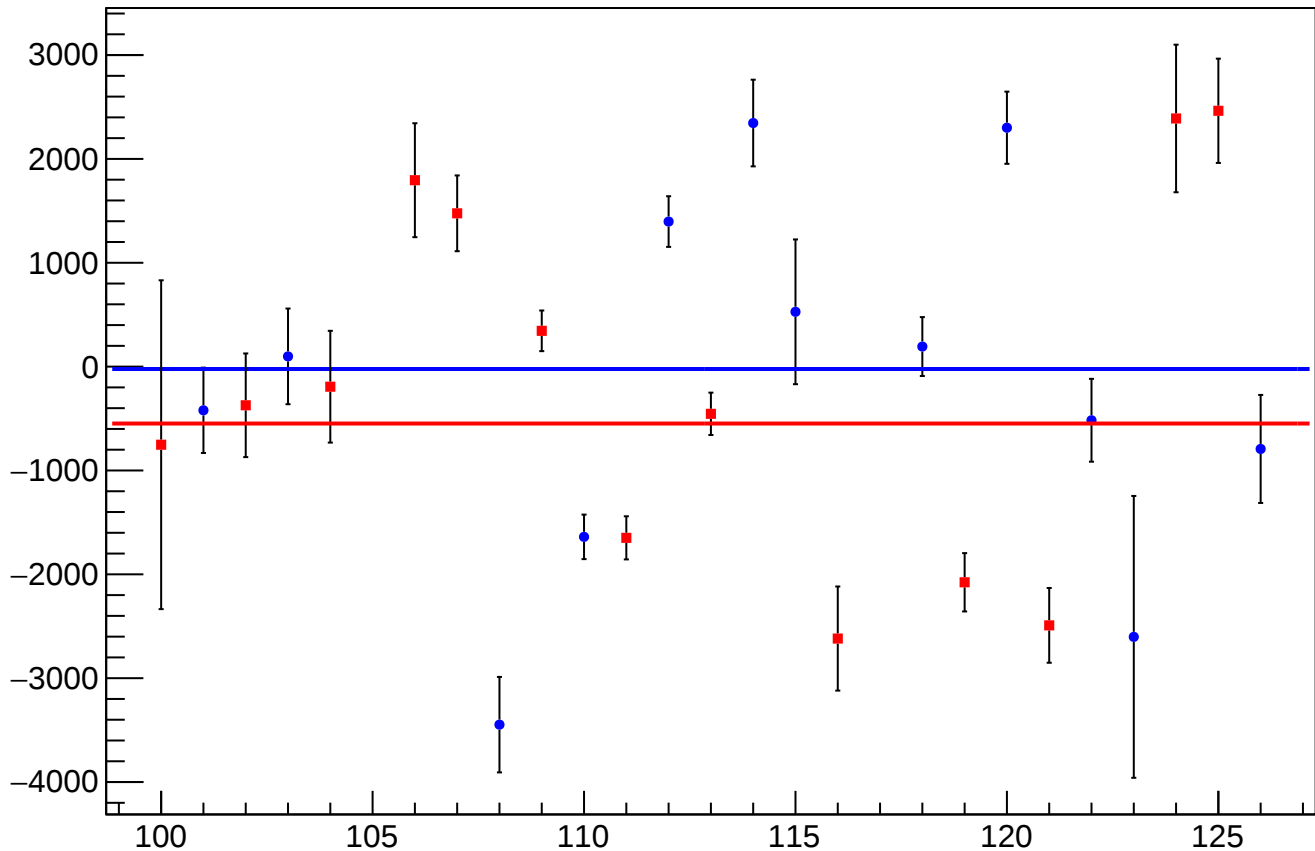
Right: 185.402+/-0.047 χ^2/NDF : 2026897.5/24

In: 195.493+/-0.072 χ^2/NDF :850087.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 185.402+/-0.047 χ^2/NDF : 2026897.5/24

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: -22.853+/-103.704 χ^2/NDF : 232.7/11

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

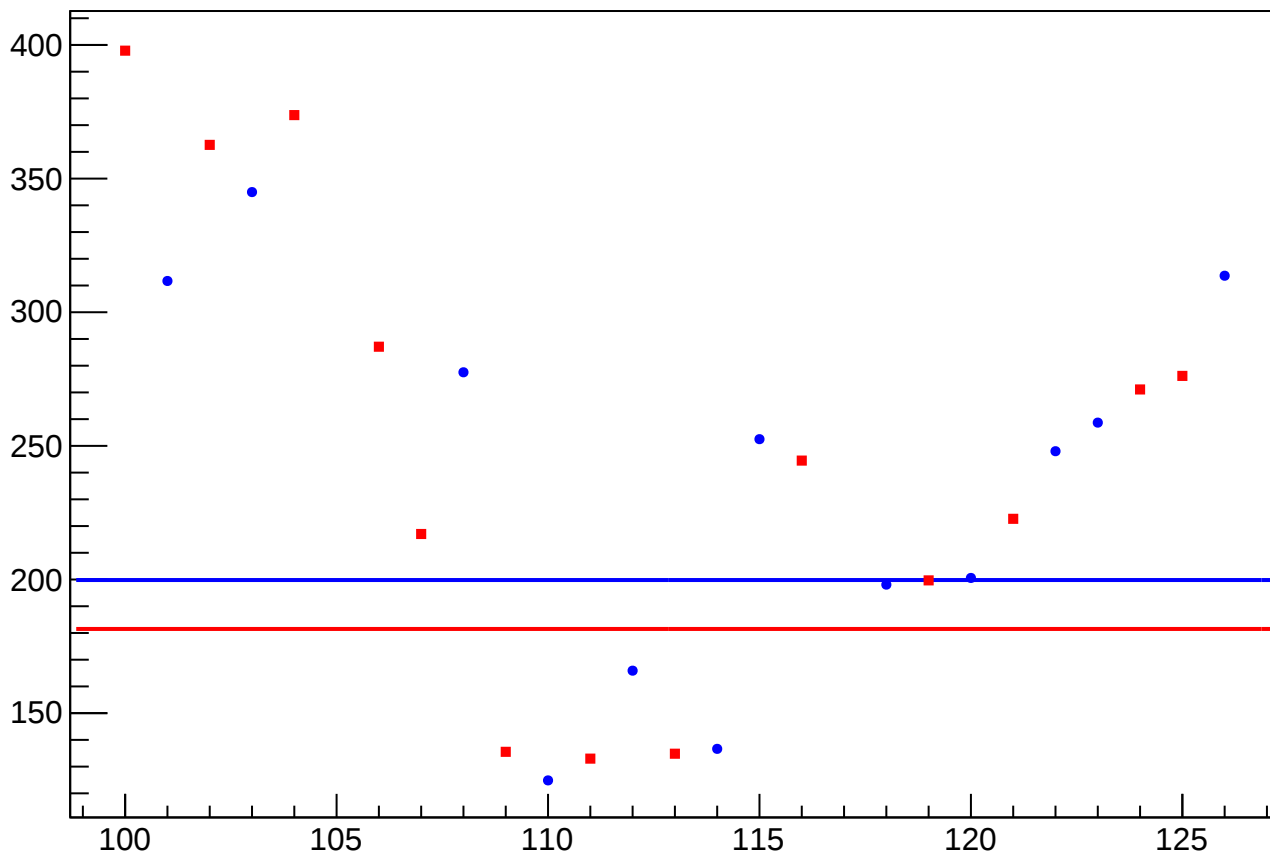
Right: -321.200+/-68.143 χ^2/NDF : 474.9/24

In: -22.853+/-103.704 χ^2/NDF :232.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -321.200+/-68.143 χ^2/NDF : 474.9/24

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 199.808+/-0.073 χ^2/NDF : 873601.8/11

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

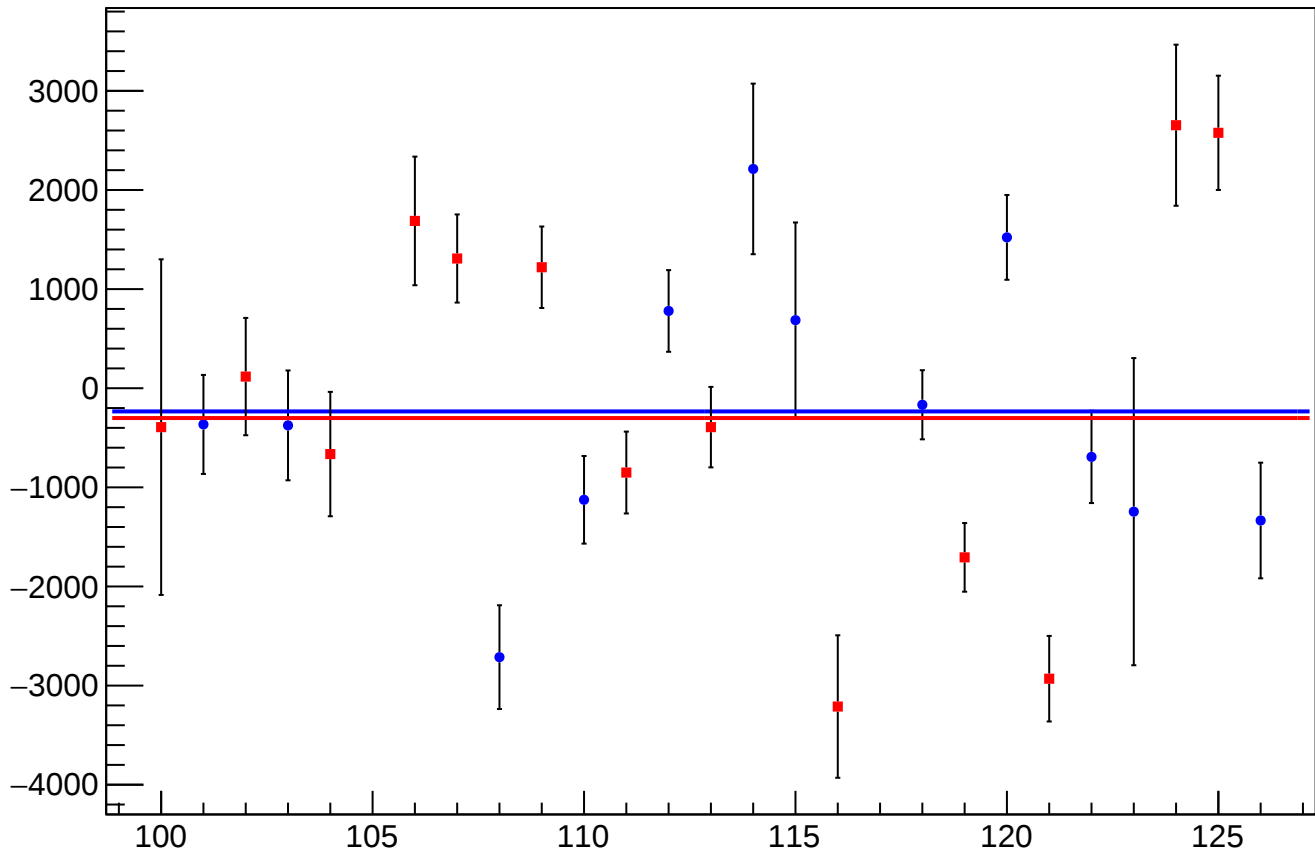
Right: 189.407+/-0.048 χ^2/NDF : 2051570.5/24

In: 199.808+/-0.073 χ^2/NDF : 873601.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.407+/-0.048 χ^2/NDF : 2051570.5/24

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -233.847+/-147.522 χ^2/NDF : 63.5/11

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

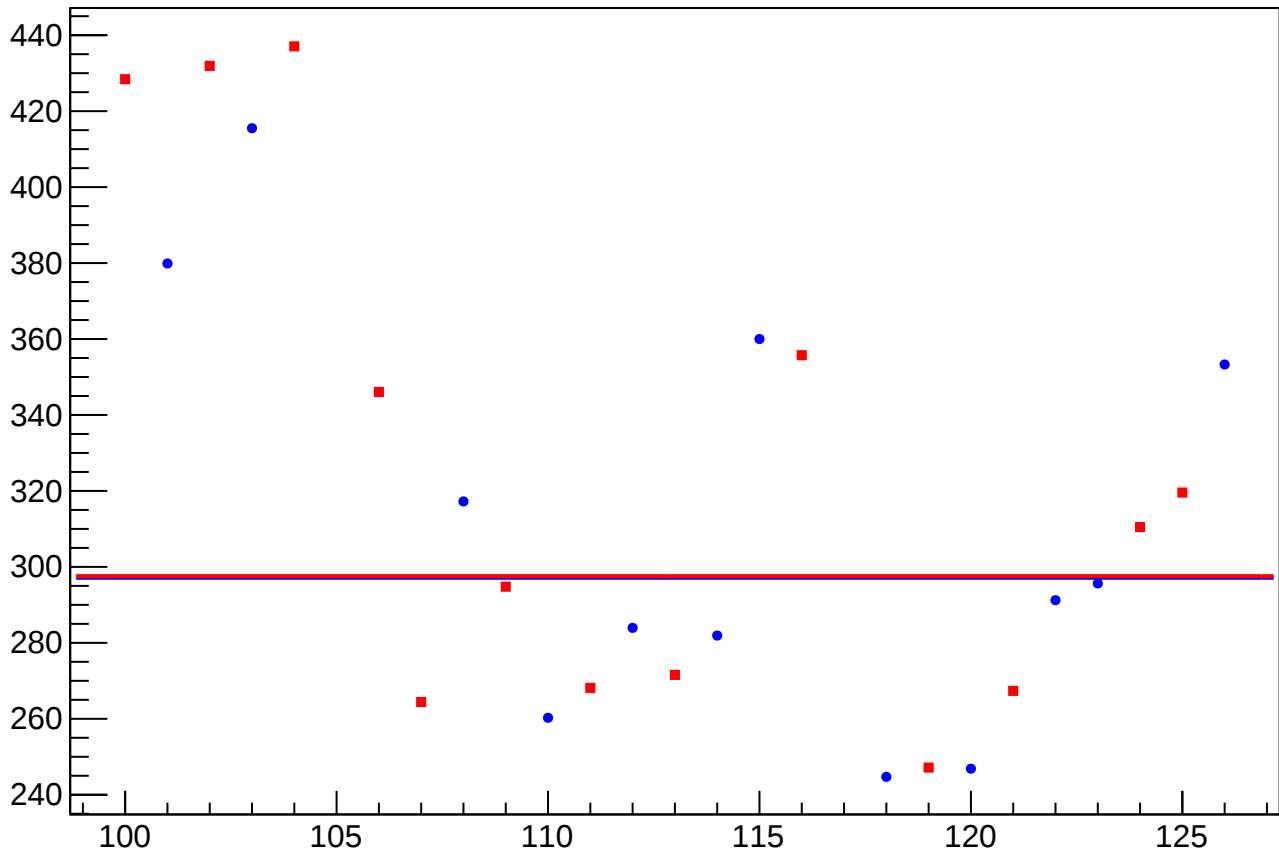
Right: -269.133+/-101.462 χ^2/NDF : 210.6/24

In: -233.847+/-147.522 χ^2/NDF : 63.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -269.133+/-101.462 χ^2/NDF : 210.6/24

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 297.135+/-0.104 χ^2/NDF : 265489.1/11

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

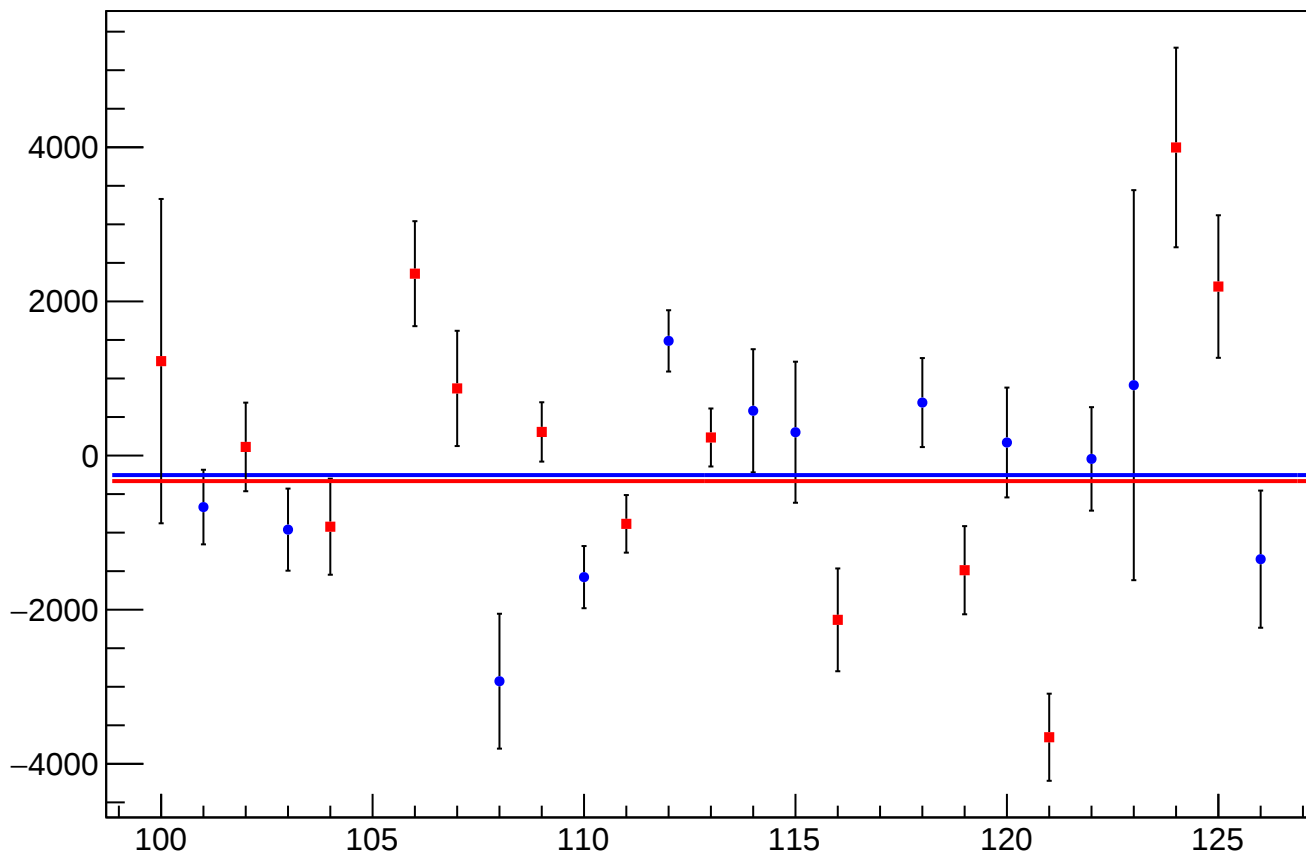
Right: 297.365+/-0.072 χ^2/NDF : 588740.9/24

In: 297.135+/-0.104 χ^2/NDF :265489.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 297.365+/-0.072 χ^2/NDF : 588740.9/24

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -253.306+/-174.250 χ^2/NDF : 48.1/11

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

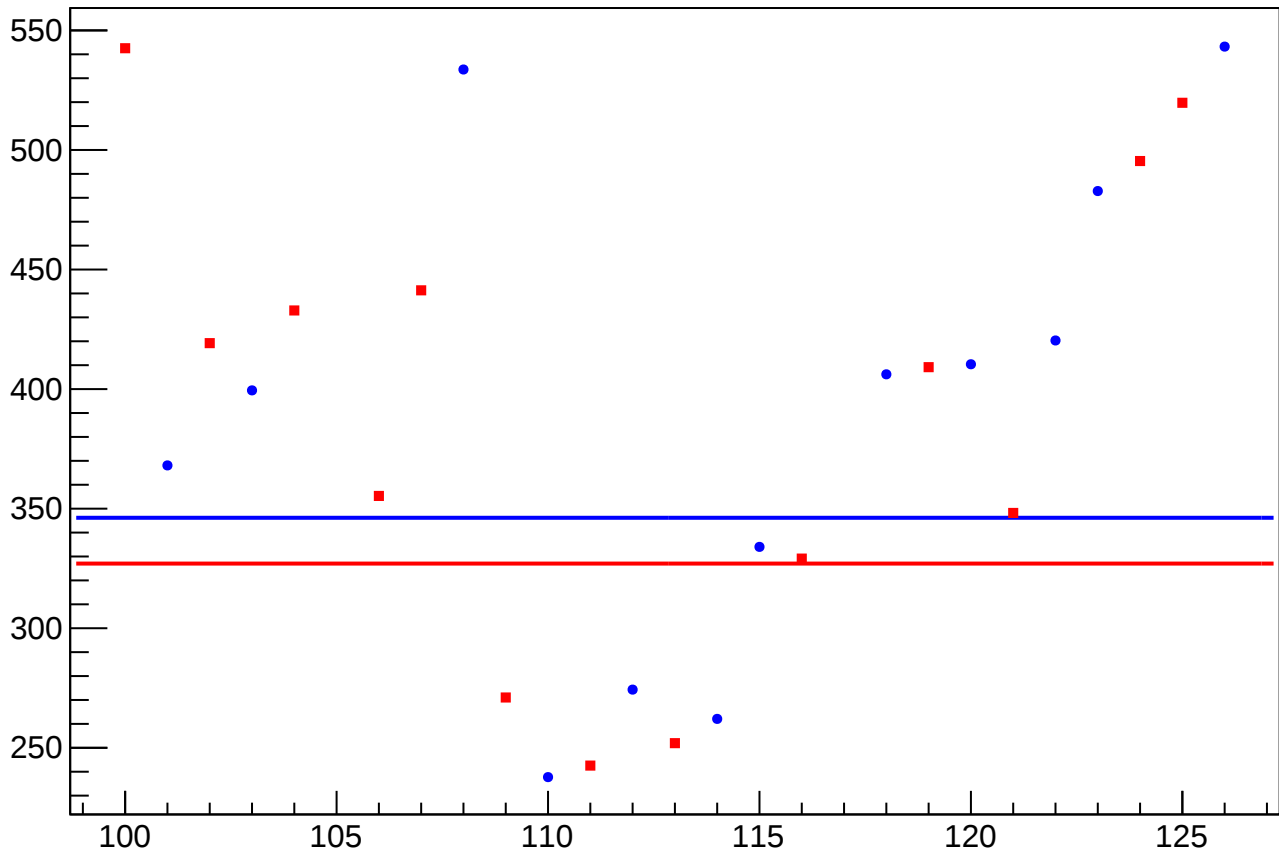
Right: -296.615+/-116.341 χ^2/NDF : 140.2/24

In: -253.306+/-174.250 χ^2/NDF : 48.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -296.615+/-116.341 χ^2/NDF : 140.2/24

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 346.191+/-0.123 χ^2/NDF : 514382.9/11

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

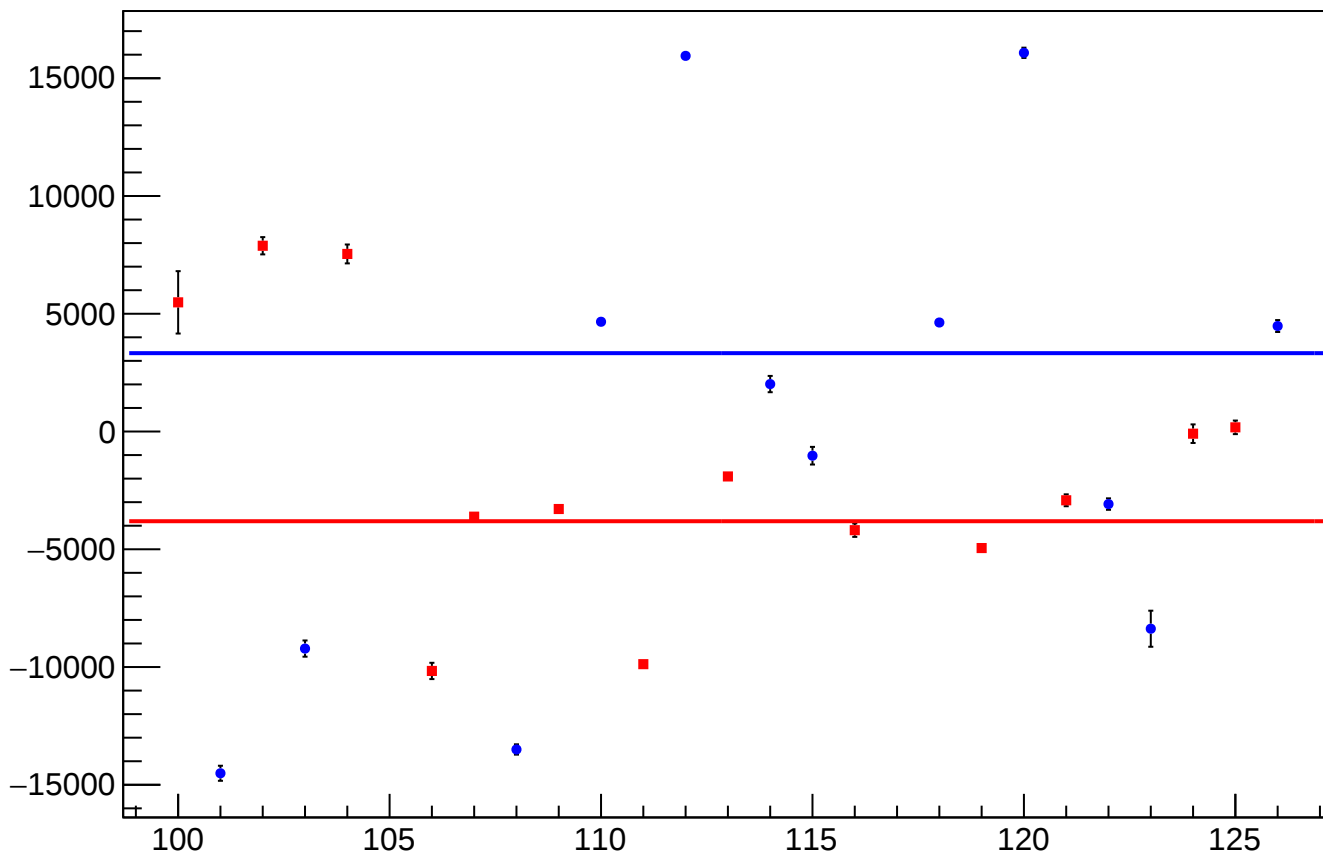
Right: 335.576+/-0.082 χ^2/NDF : 1096949.0/24

In: 346.191+/-0.123 χ^2/NDF : 514382.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 335.576+/-0.082 χ^2/NDF : 1096949.0/24

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 3327.106+/-68.516 χ^2/NDF : 20352.4/11

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

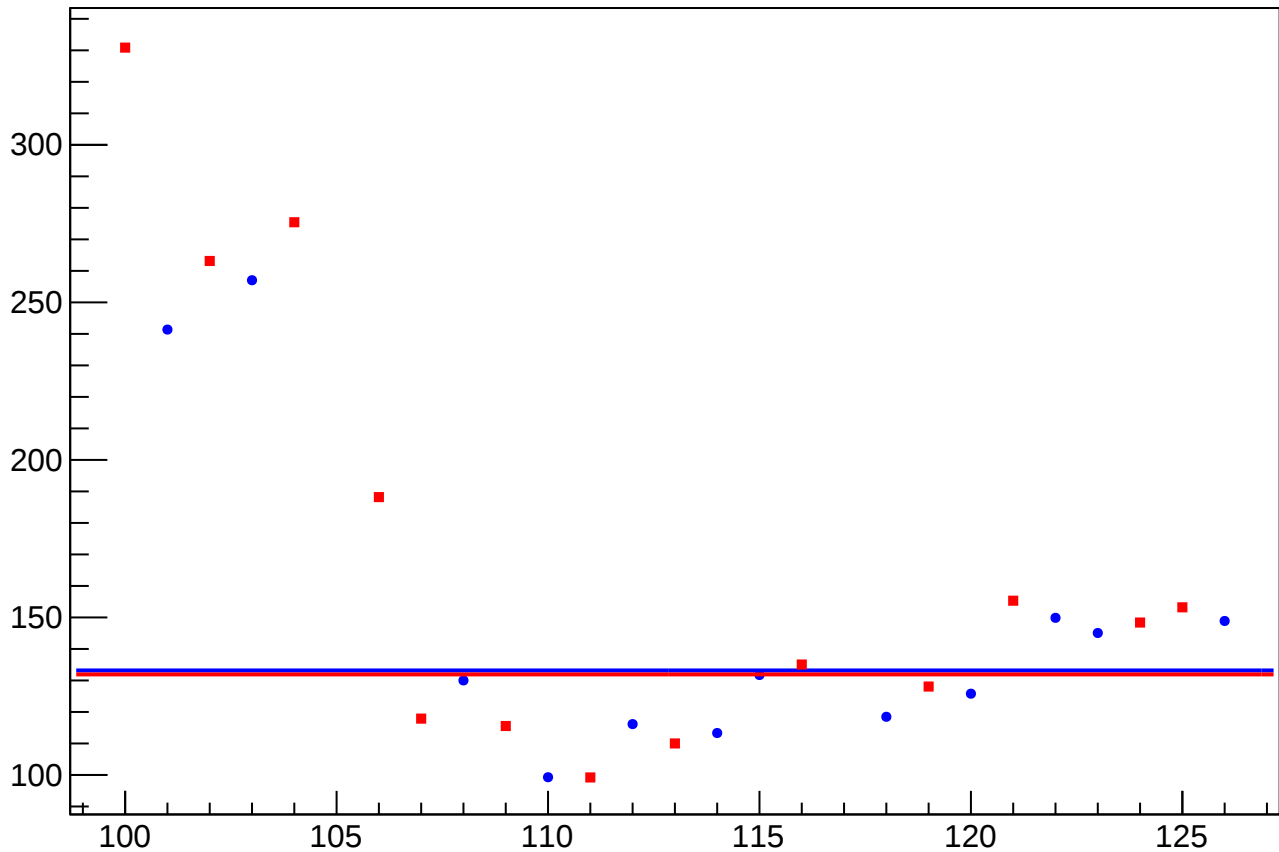
Right: -451.347+/-46.997 χ^2/NDF : 30286.8/24

In: 3327.106+/-68.516 χ^2/NDF : 20352.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -451.347+/-46.997 χ^2/NDF : 30286.8/24

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 133.175+/-0.048 χ^2/NDF : 628499.3/11

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

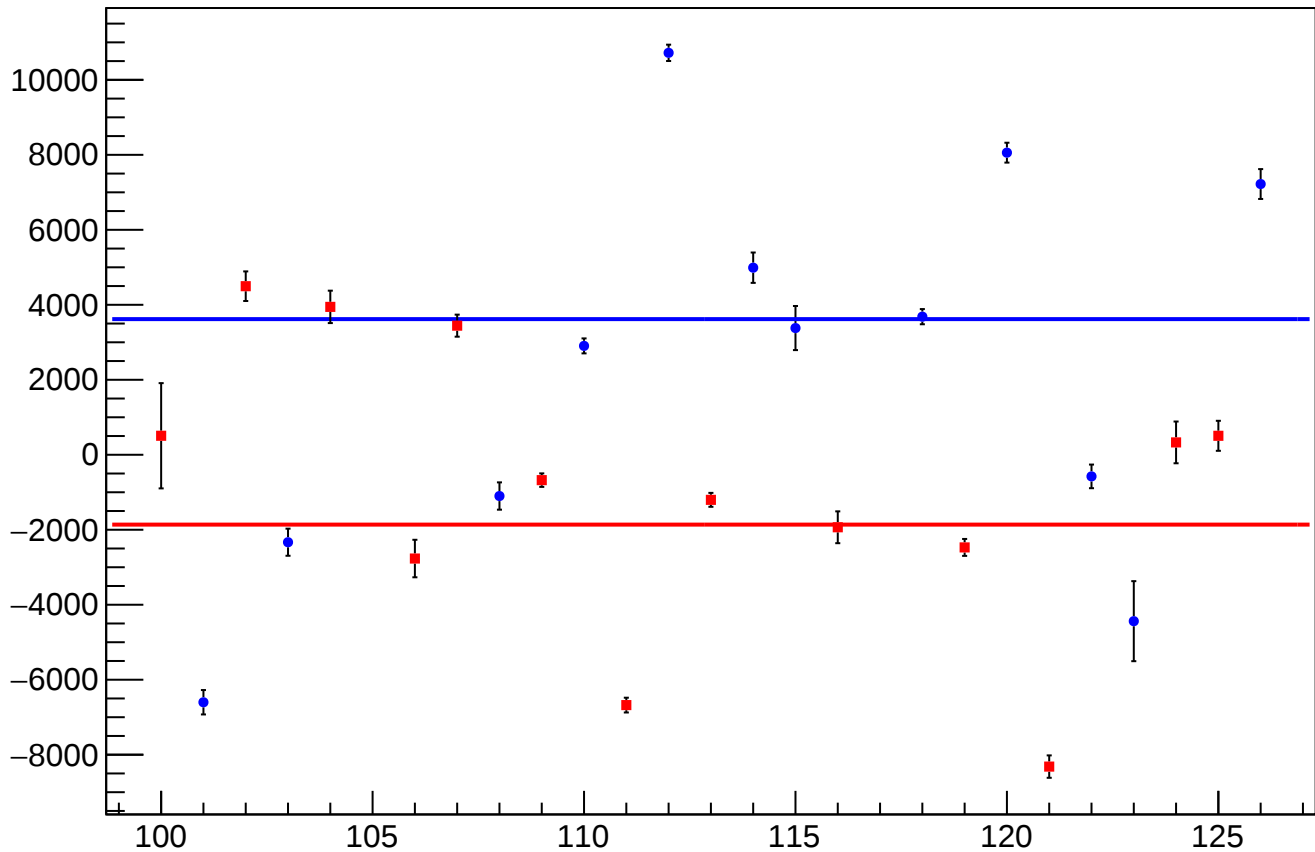
Right: 132.510+/-0.033 χ^2/NDF : 1424434.6/24

In: 133.175+/-0.048 χ^2/NDF : 628499.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.510+/-0.033 χ^2/NDF : 1424434.6/24

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 3618.174+/-85.863 χ^2/NDF : 3108.5/11

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

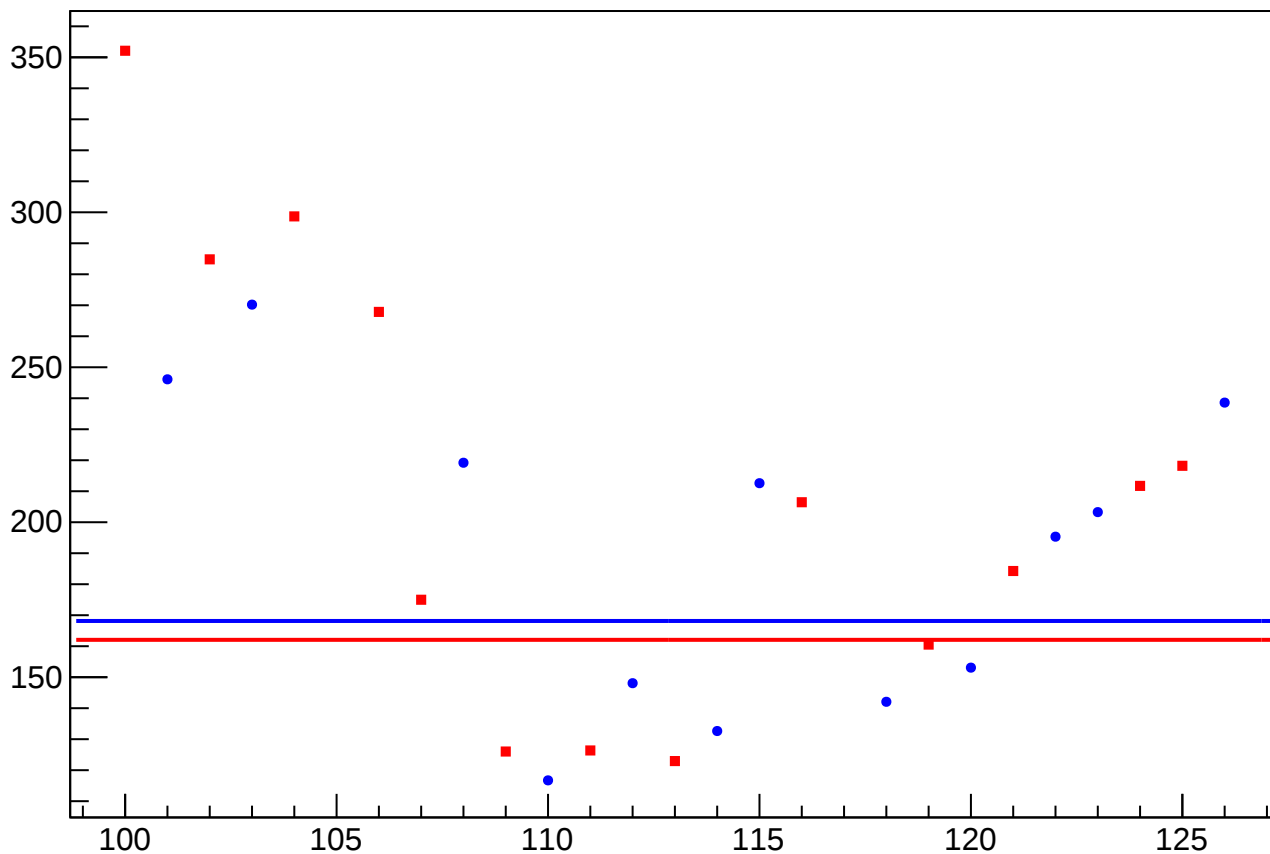
Right: 658.194+/-58.233 χ^2/NDF : 7257.8/24

In: 3618.174+/-85.863 χ^2/NDF :3108.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 658.194+/-58.233 χ^2/NDF : 7257.8/24

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 168.143+/-0.061 χ^2/NDF : 609321.8/11

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

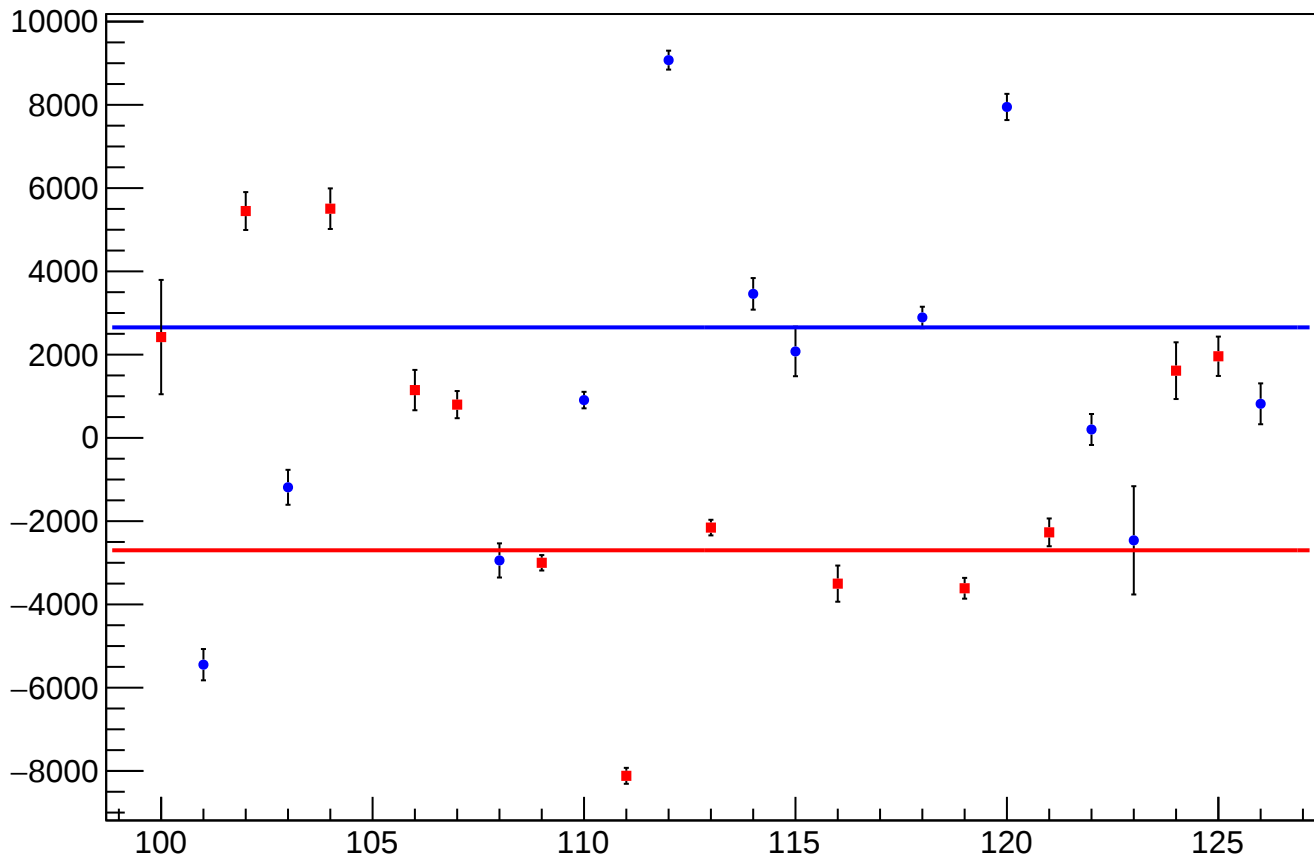
Right: 164.856+/-0.041 χ^2/NDF : 1460721.0/24

In: 168.143+/-0.061 χ^2/NDF : 609321.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.856+/-0.041 χ^2/NDF : 1460721.0/24

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 2654.704+/-95.141 χ^2/NDF : 1971.9/11

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

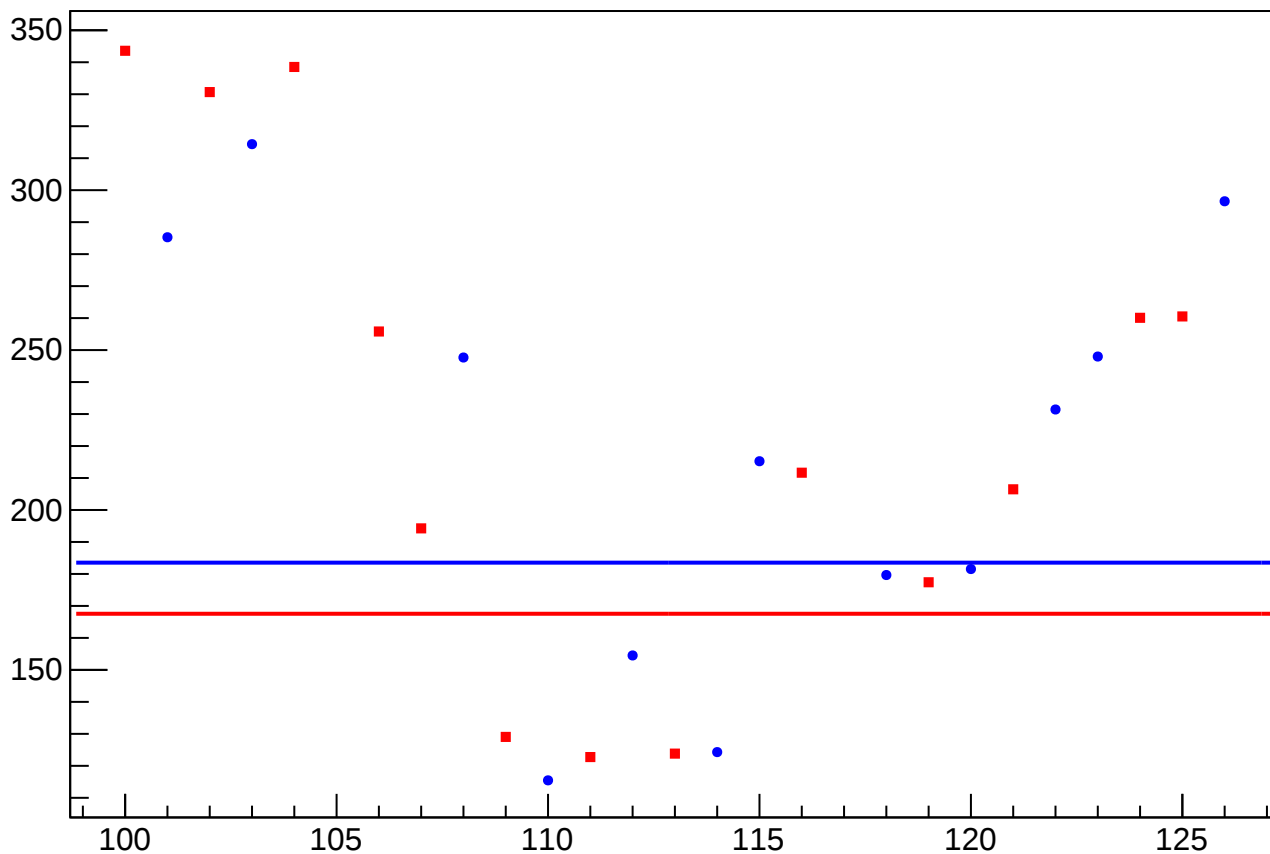
Right: -383.871+/-62.571 χ^2/NDF : 5532.8/24

In: 2654.704+/-95.141 χ^2/NDF :1971.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -383.871+/-62.571 χ^2/NDF : 5532.8/24

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 183.533+/-0.067 χ^2/NDF : 857468.0/11

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

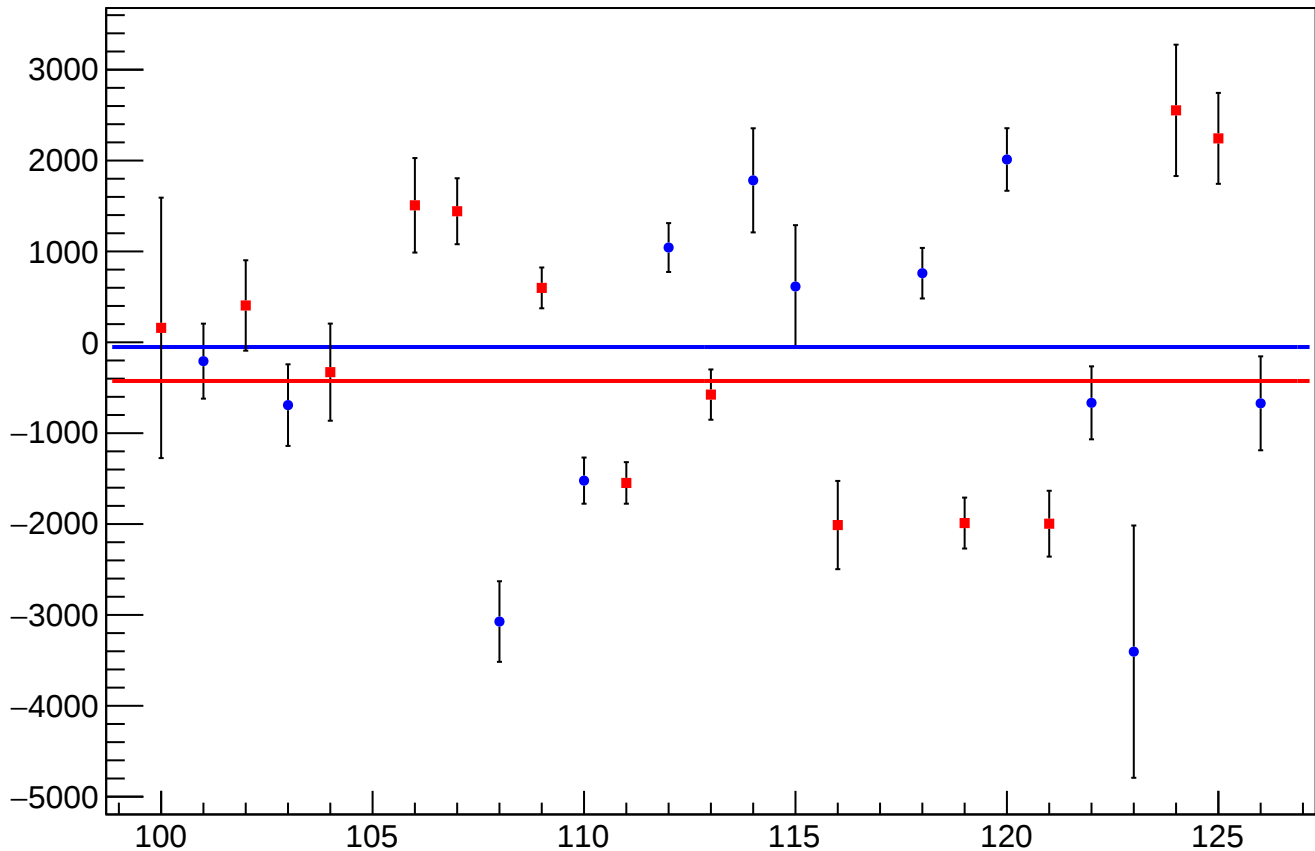
Right: 174.463+/-0.044 χ^2/NDF : 1974861.5/24

In: 183.533+/-0.067 χ^2/NDF :857468.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 174.463+/-0.044 χ^2/NDF : 1974861.5/24

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -51.929+/-110.209 χ^2/NDF : 164.0/11

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

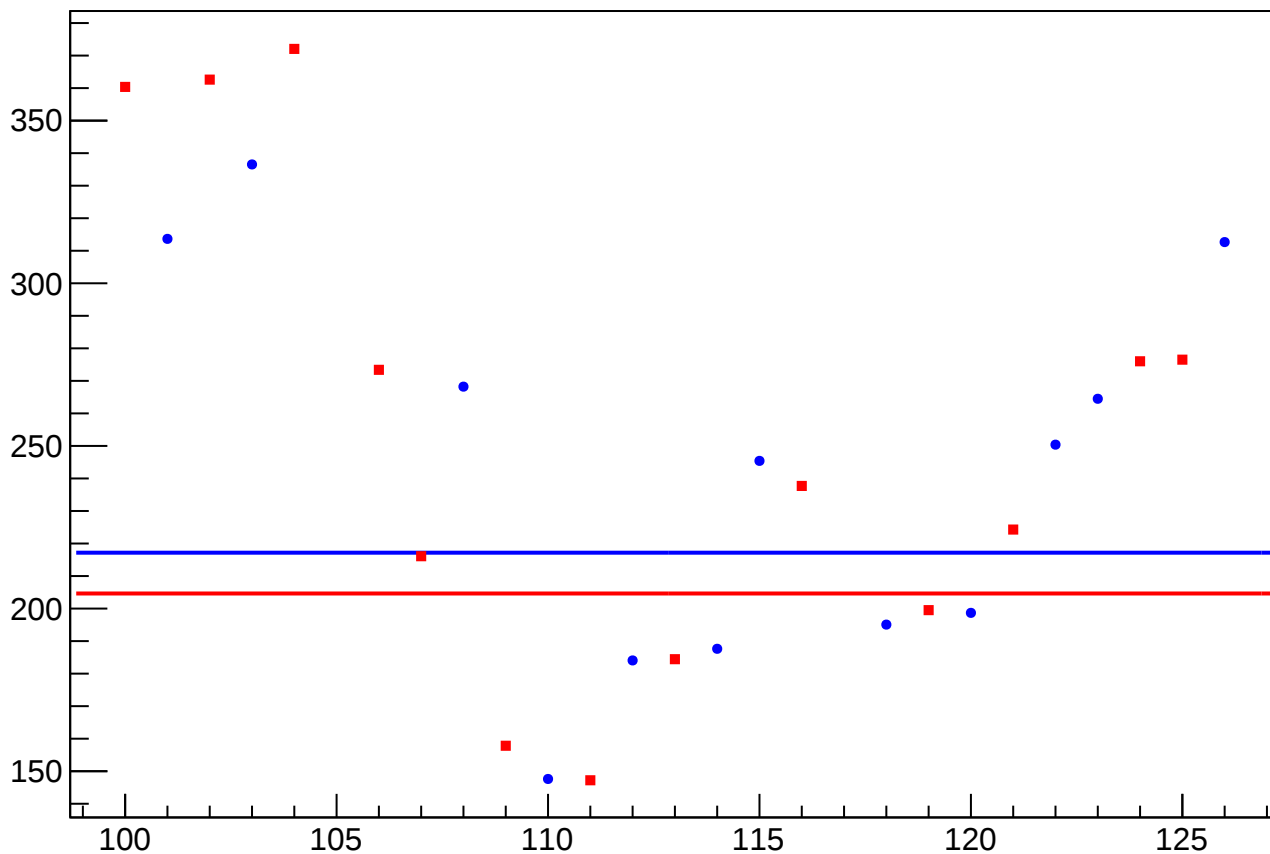
Right: -258.552+/-73.684 χ^2/NDF : 364.8/24

In: -51.929+/-110.209 χ^2/NDF :164.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -258.552+/-73.684 χ^2/NDF : 364.8/24

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 217.179+/-0.078 χ^2/NDF : 569127.9/11

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

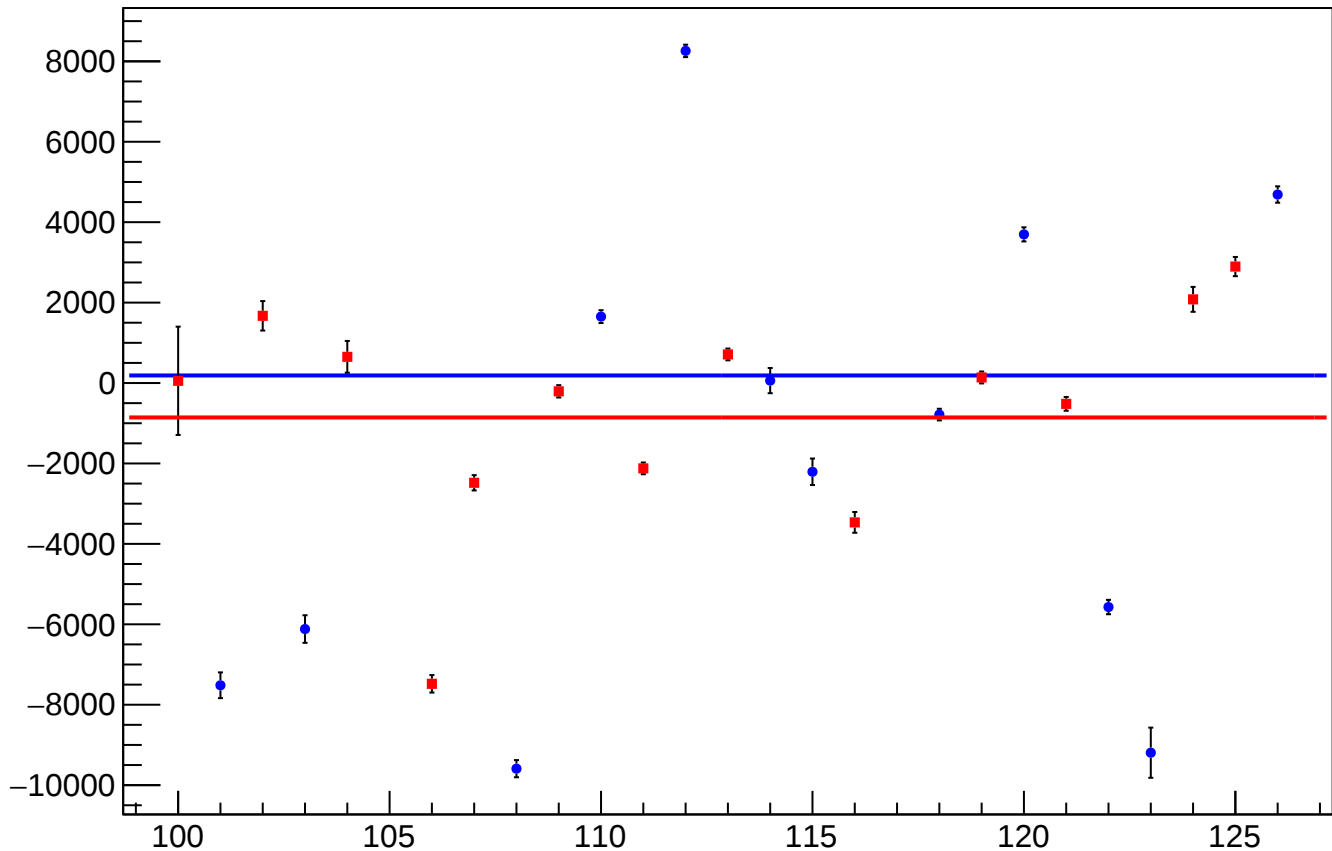
Right: 210.243+/-0.052 χ^2/NDF : 1342299.8/24

In: 217.179+/-0.078 χ^2/NDF :569127.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 210.243+/-0.052 χ^2/NDF : 1342299.8/24

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: 188.234+/-59.890 χ^2/NDF : 8078.5/11

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

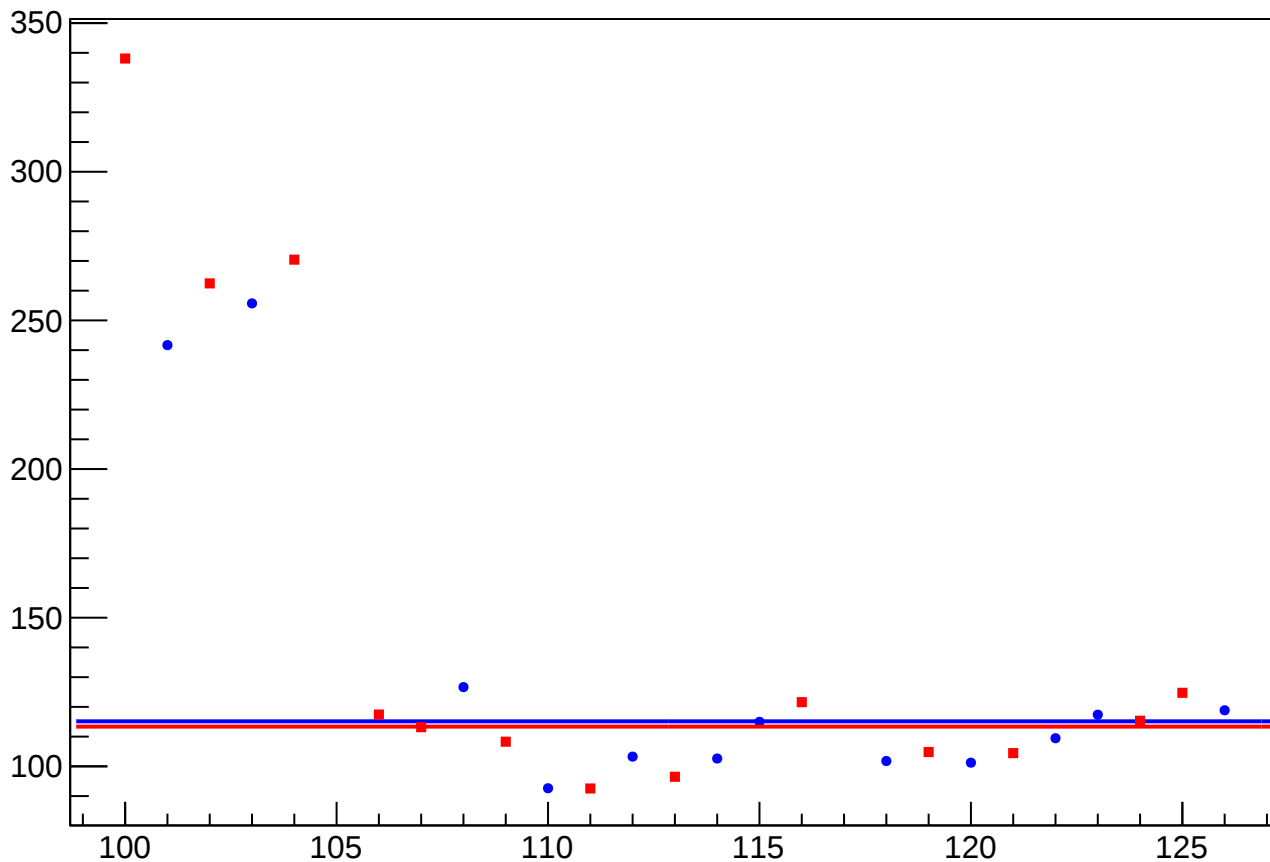
Right: -370.812+/-40.821 χ^2/NDF : 9996.0/24

In: 188.234+/-59.890 χ^2/NDF : 8078.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -370.812+/-40.821 χ^2/NDF : 9996.0/24

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 115.145+/-0.042 χ^2/NDF : 740588.7/11

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

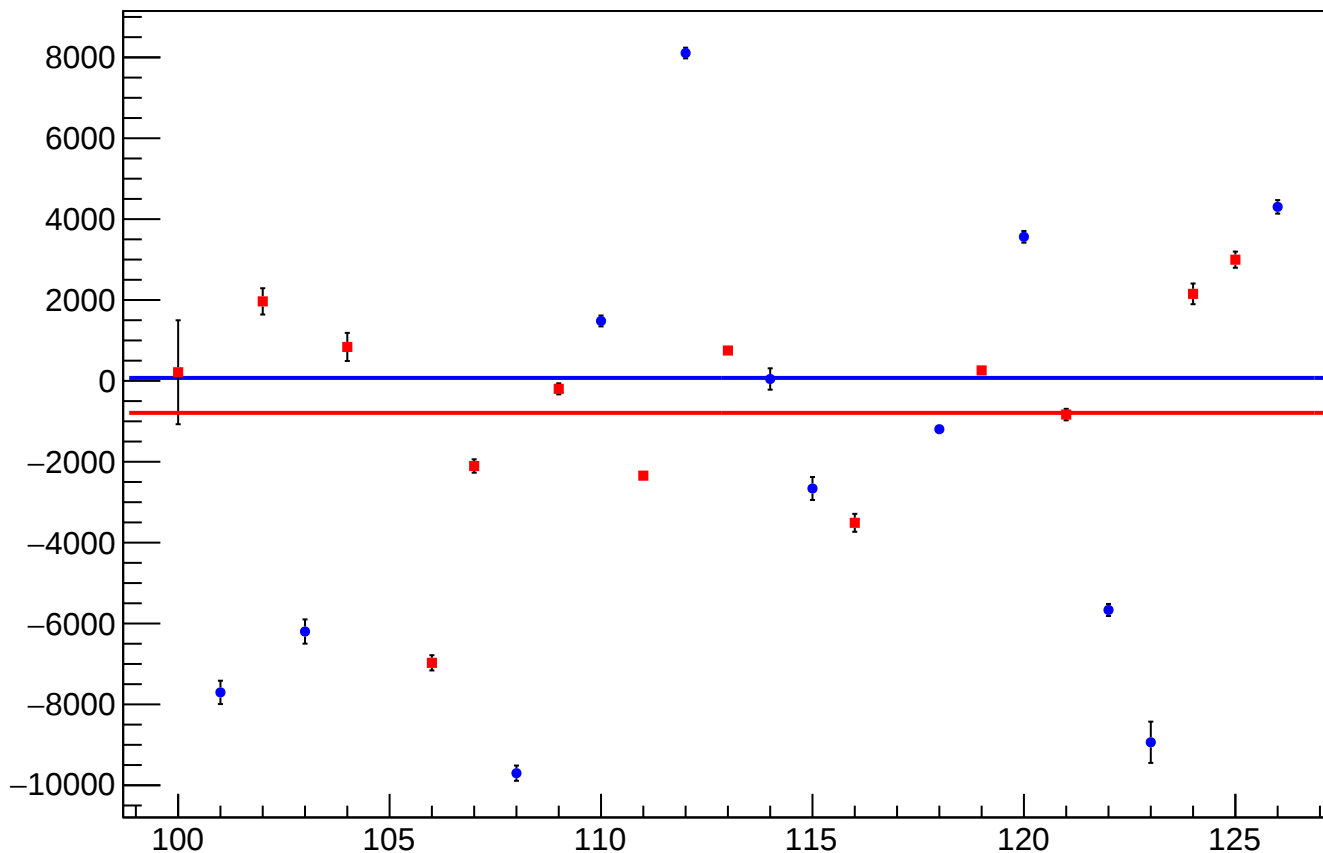
Right: 114.191+/-0.029 χ^2/NDF : 1533612.4/24

In: 115.145+/-0.042 χ^2/NDF : 740588.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.191+/-0.029 χ^2/NDF : 1533612.4/24

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 73.546+/-50.513 χ^2/NDF : 10855.5/11

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

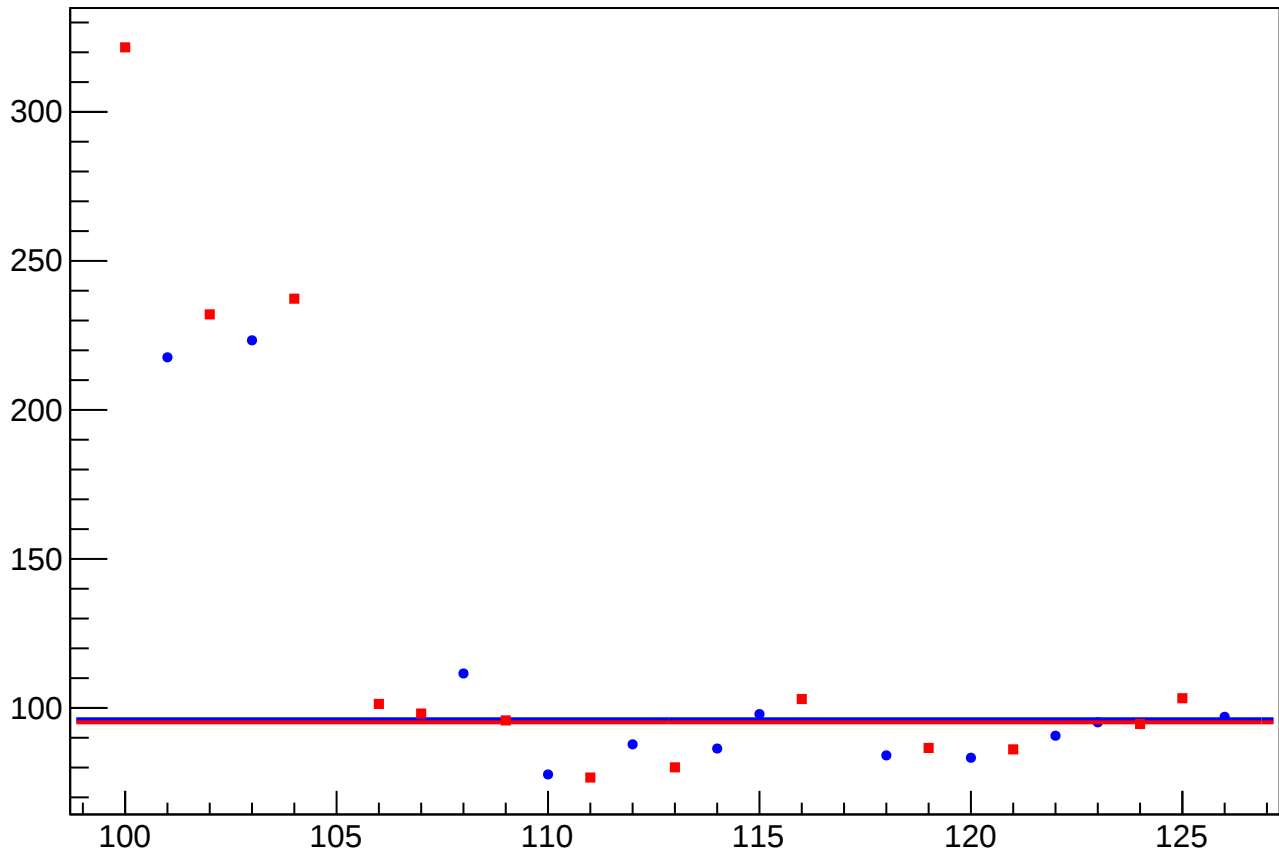
Right: -387.099+/-34.524 χ^2/NDF : 13296.0/24

In: 73.546+/-50.513 χ^2/NDF : 10855.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -387.099+/-34.524 χ^2/NDF : 13296.0/24

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 96.199+/-0.036 χ^2/NDF : 814021.3/11

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

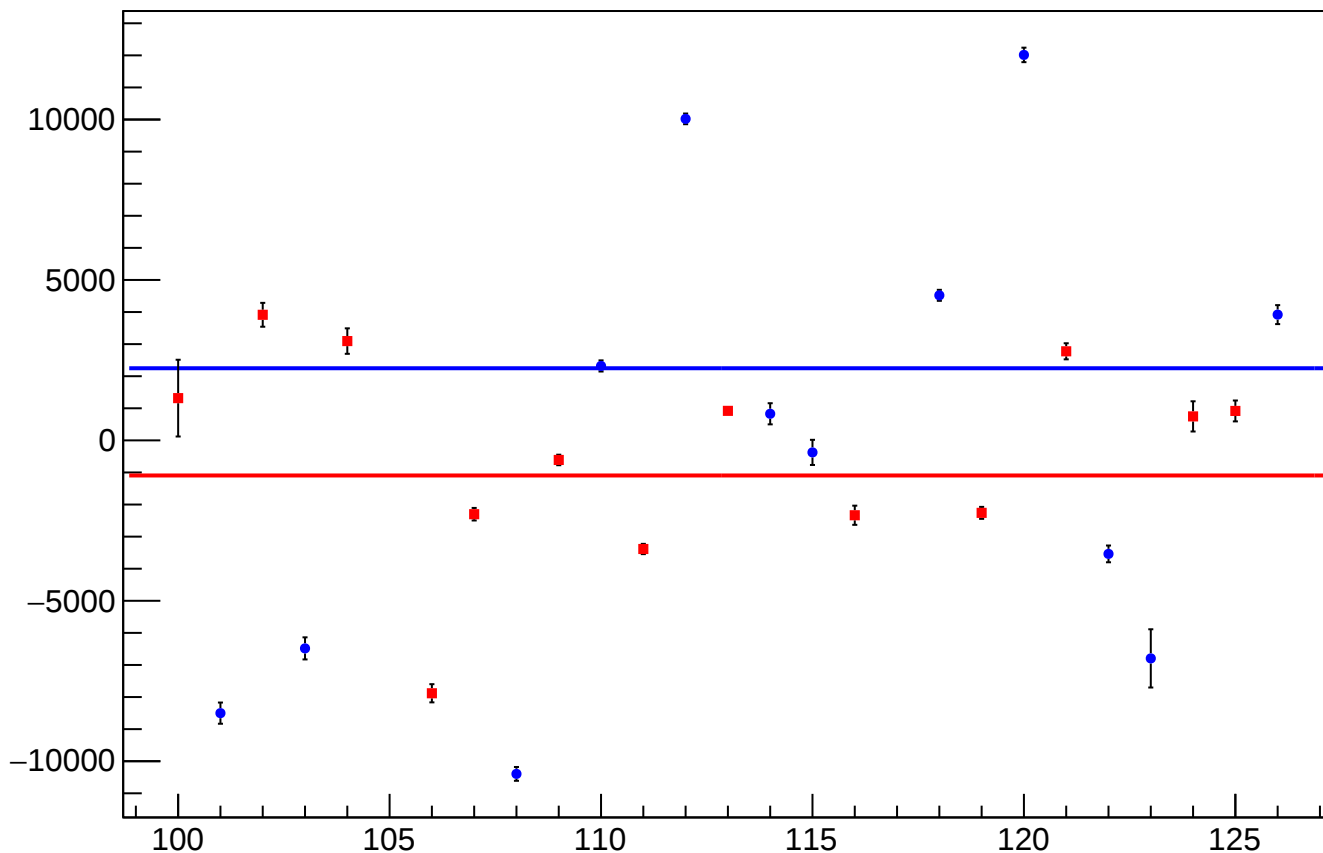
Right: 95.655+/-0.024 χ^2/NDF : 1668326.2/24

In: 96.199+/-0.036 χ^2/NDF : 814021.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.655+/-0.024 χ^2/NDF : 1668326.2/24

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 2248.139+/-69.817 χ^2/NDF : 10065.4/11

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

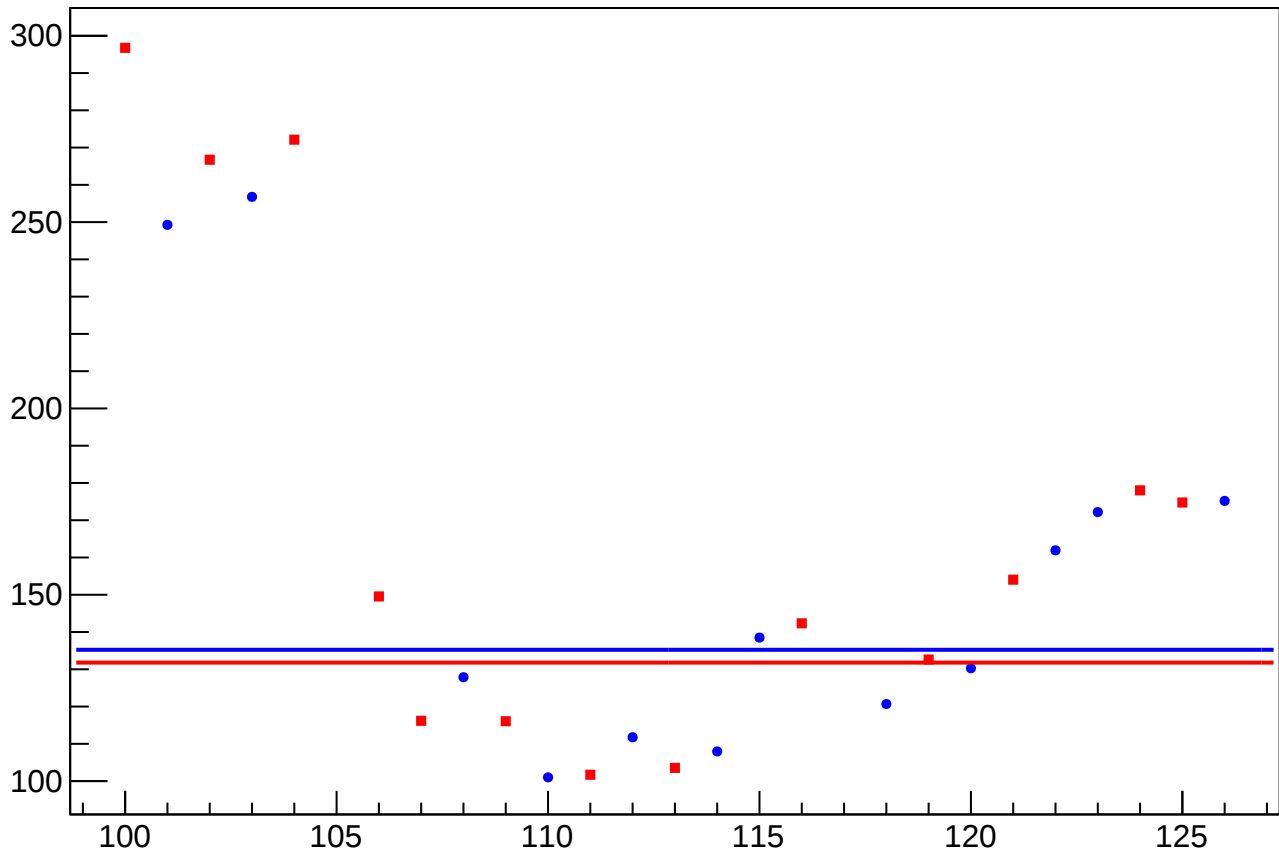
Right: 448.251+/-47.427 χ^2/NDF : 12934.5/24

In: 2248.139+/-69.817 χ^2/NDF :10065.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 448.251+/-47.427 χ^2/NDF : 12934.5/24

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 135.235+/-0.049 χ^2/NDF : 697424.6/11

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

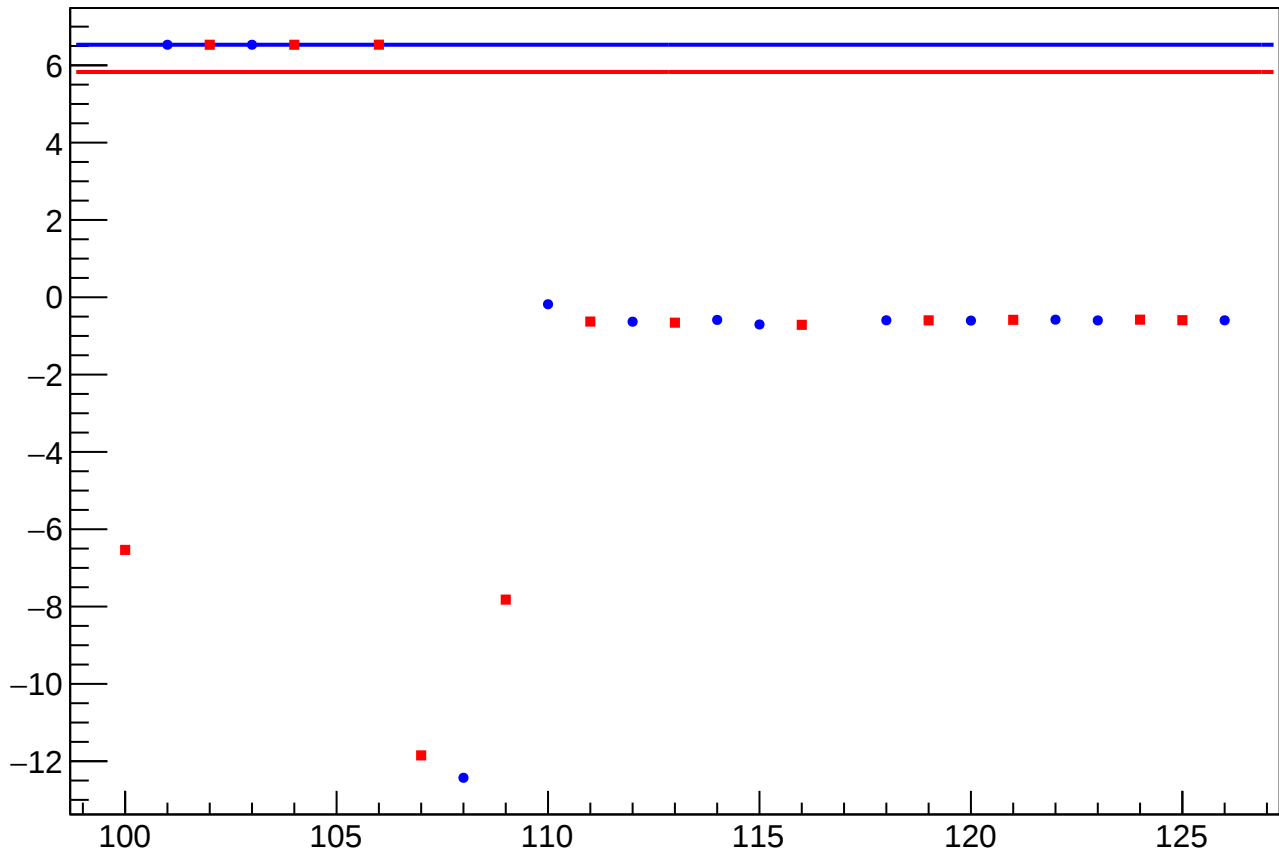
Right: 133.384+/-0.034 χ^2/NDF : 1497845.3/24

In: 135.235+/-0.049 χ^2/NDF : 697424.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.384+/-0.034 χ^2/NDF : 1497845.3/24

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 6.532+/-0.000 χ^2/NDF : 63410909247.8/11

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

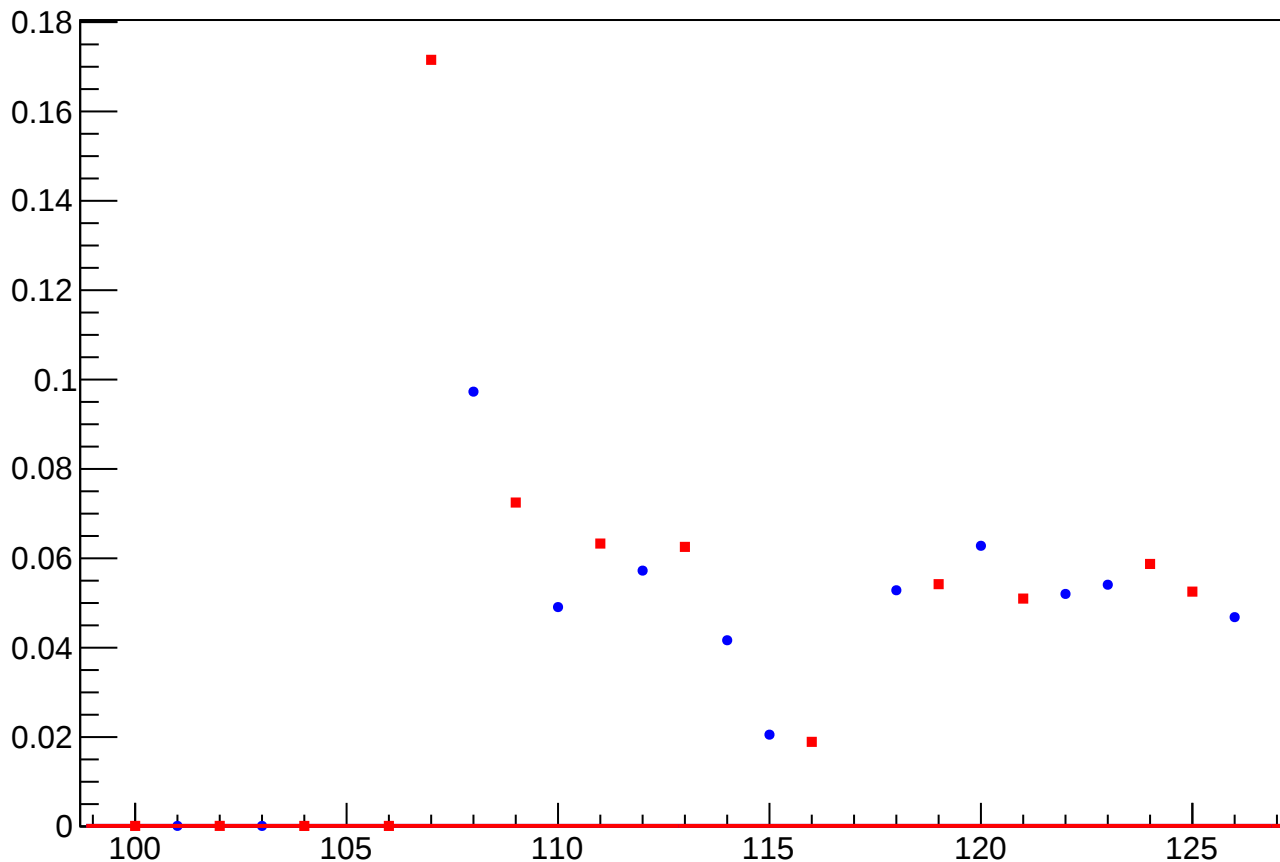
Right: 6.155+/-0.000 χ^2/NDF : 775971009120541.0

In: 6.532+/-0.000 χ^2/NDF :63410909247.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6.155+/-0.000 χ^2/NDF : 775971009120541.0

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5244552.9/11

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

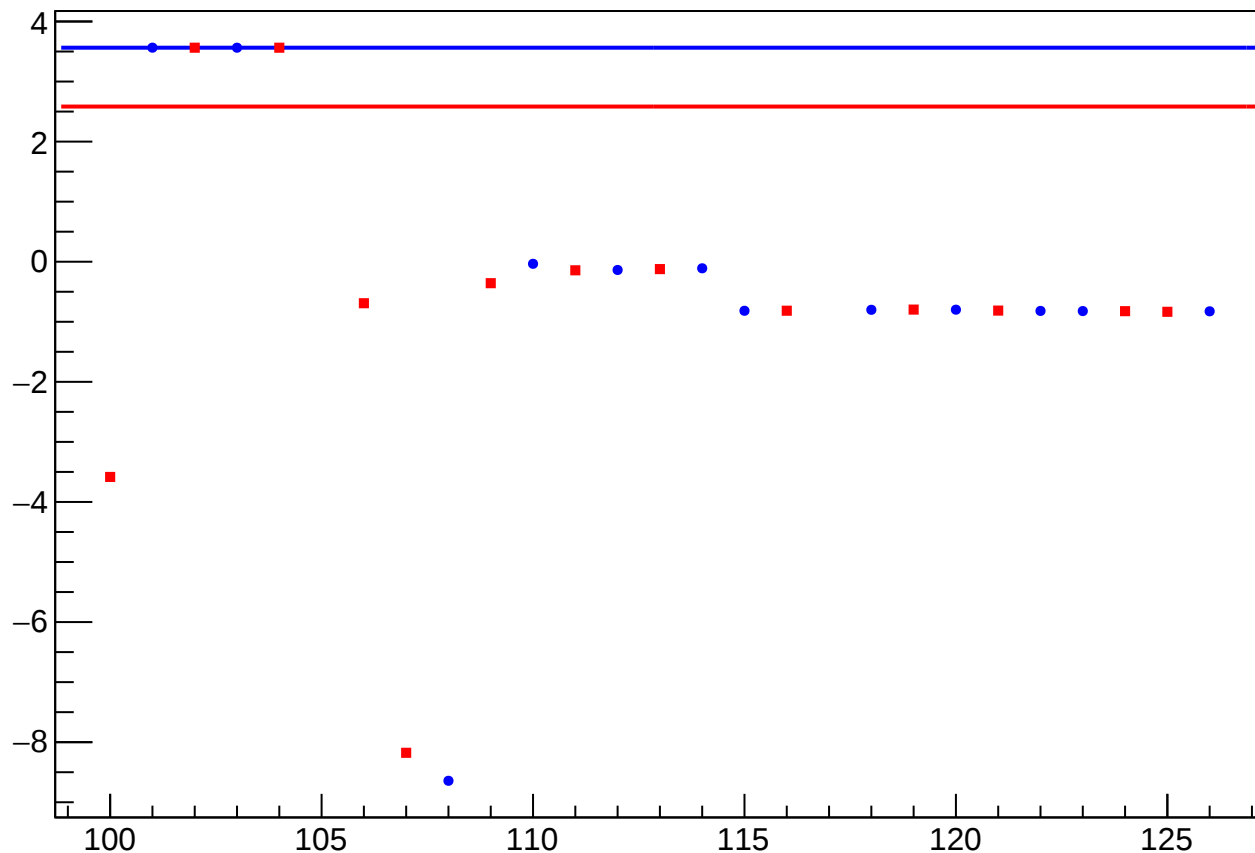
Right: 0.000+/-0.000 χ^2/NDF : 10853930.8/24

In: 0.000+/-0.000 χ^2/NDF : 5244552.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10853930.8/24

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 3.564+/-0.000 χ^2/NDF : 116173618122.3/11

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

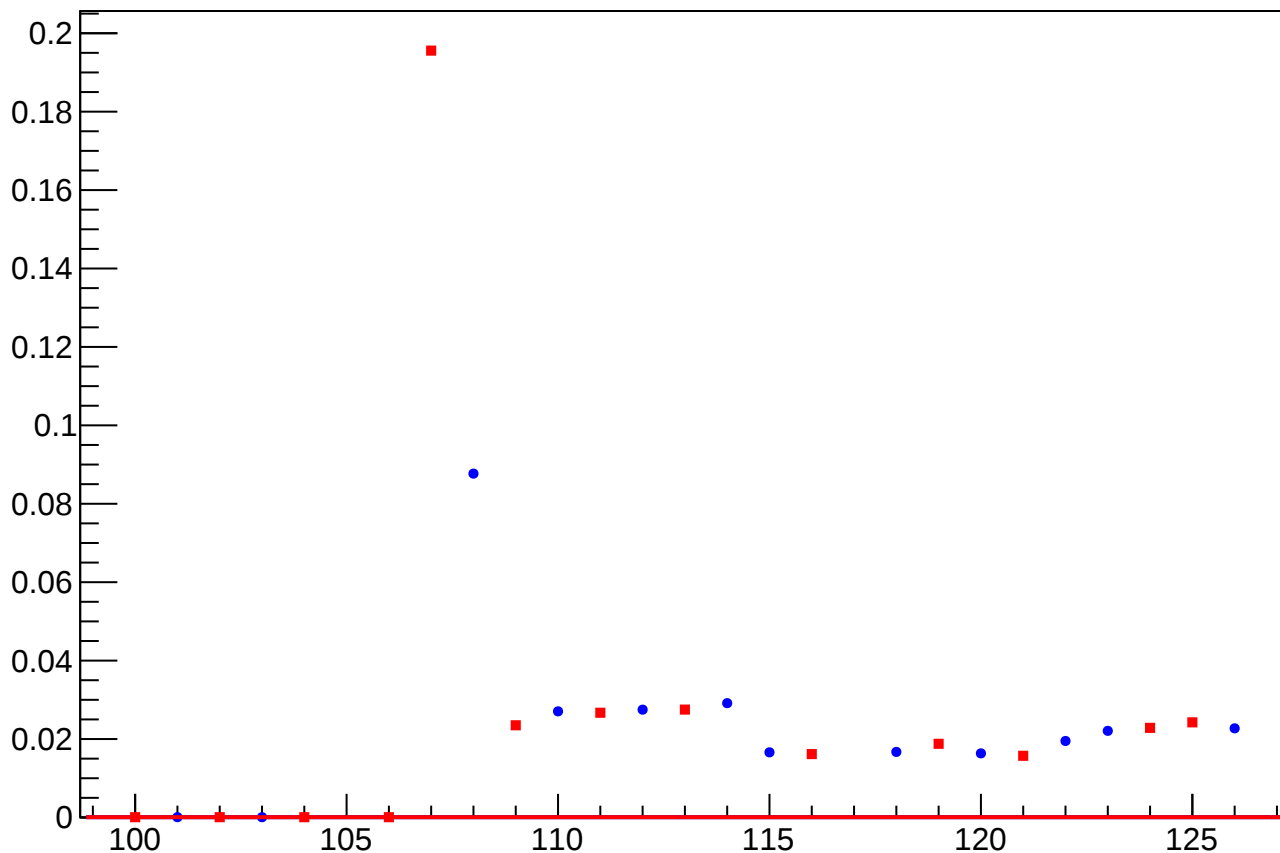
Right: 3.041+/-0.000 χ^2/NDF : 1381716513561410.8

In: 3.564+/-0.000 χ^2/NDF : 116173618122.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.041+/-0.000 χ^2/NDF : 1381716513561410.8

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5568607.9/11

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

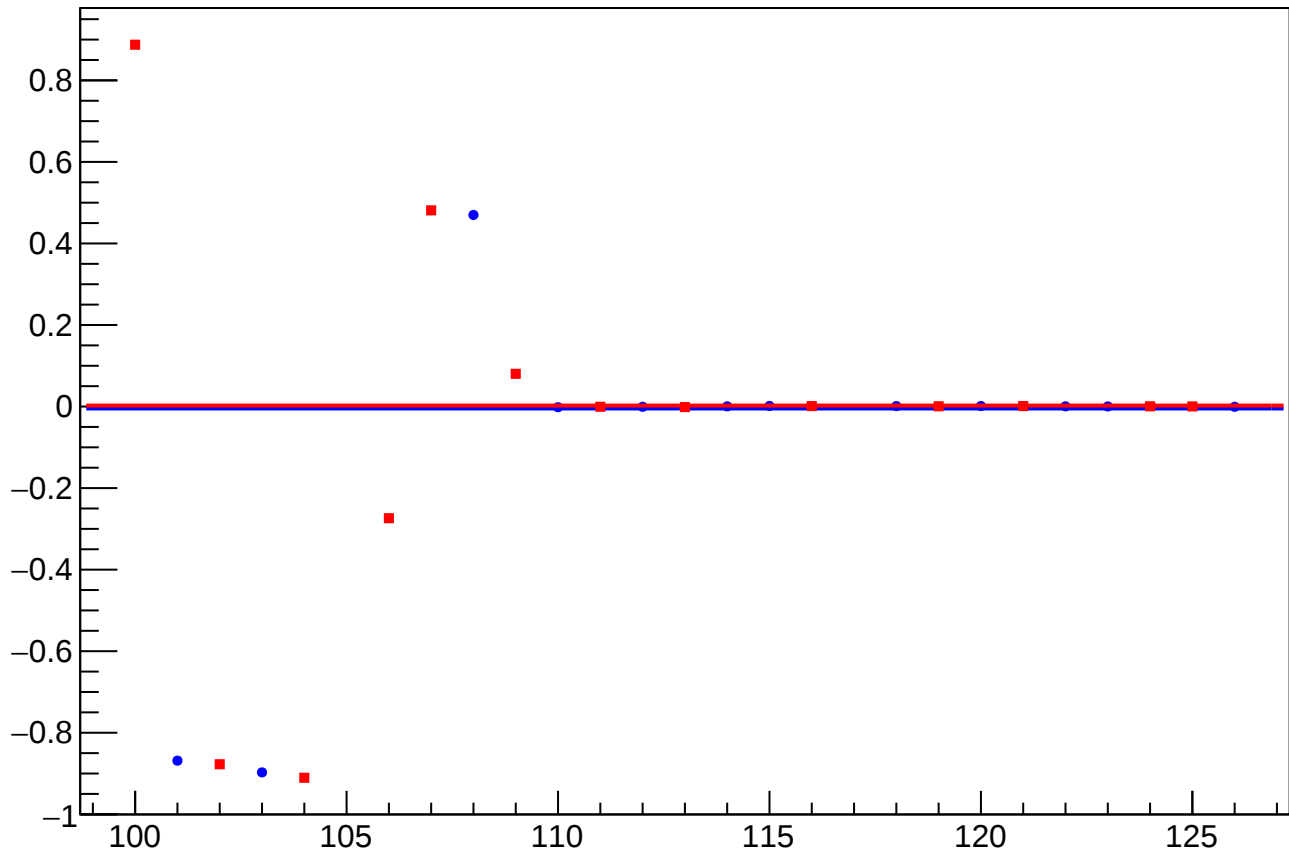
Right: 0.000+/-0.000 χ^2/NDF : 11268691.2/24

In: 0.000+/-0.000 χ^2/NDF : 5568607.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11268691.2/24

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.005+/-0.000 χ^2/NDF : 9783519214.5/11

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

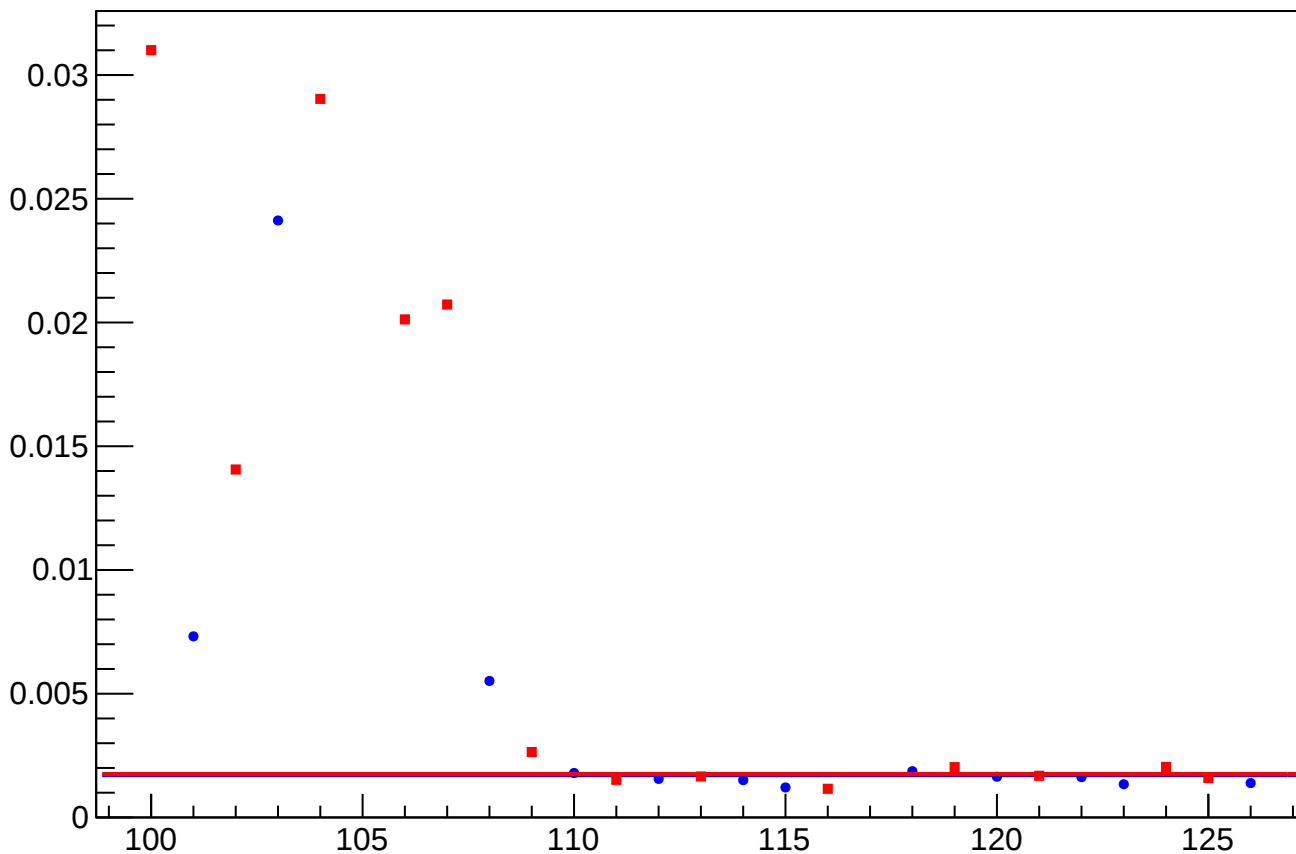
Right: -0.001+/-0.000 χ^2/NDF : 12844402729.2/24

In: -0.005+/-0.000 χ^2/NDF :9783519214.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.001+/-0.000 χ^2/NDF : 12844402729.2/24

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1756326.7/11

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

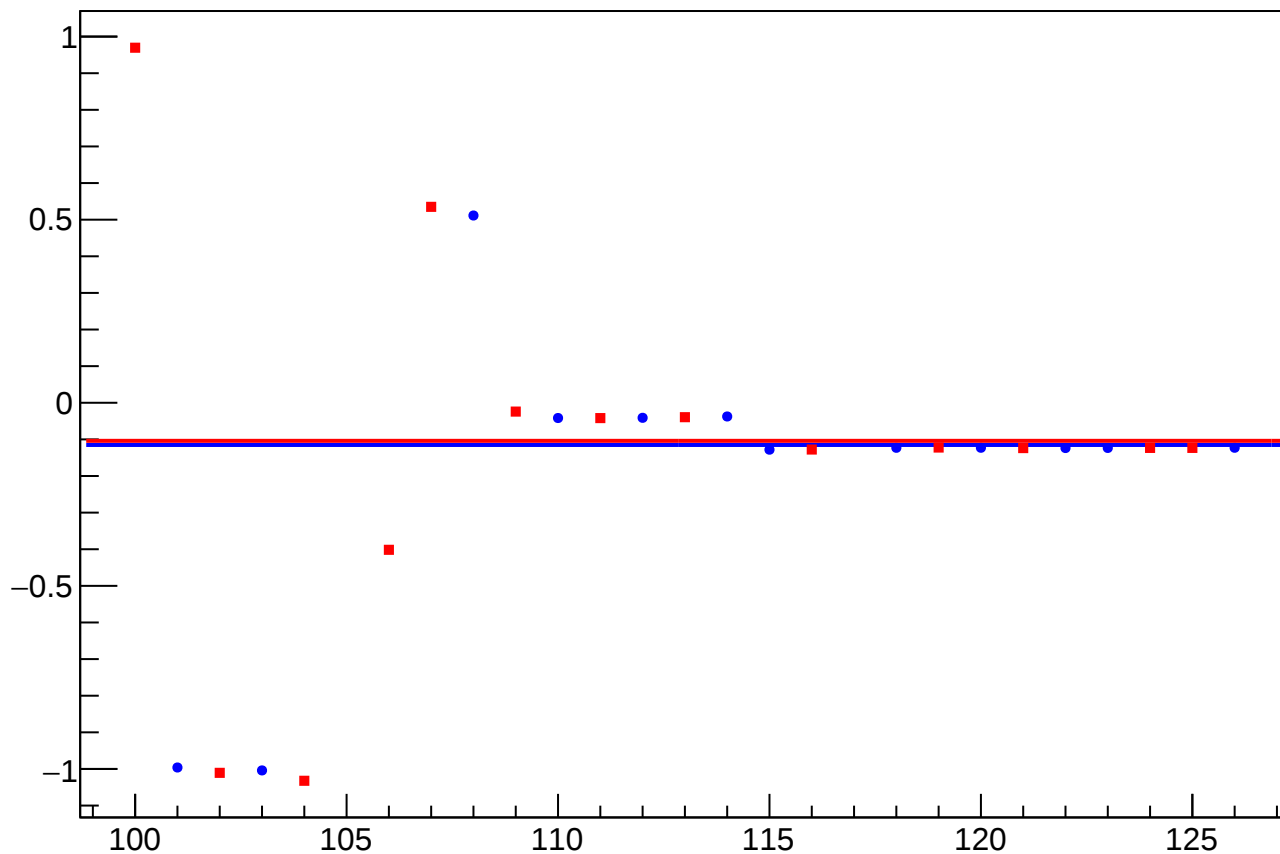
Right: 0.002+/-0.000 χ^2/NDF : 4611747.1/24

In: 0.002+/-0.000 χ^2/NDF : 1756326.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4611747.1/24

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.115+/-0.000 χ^2/NDF : 3896788093.5/11

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

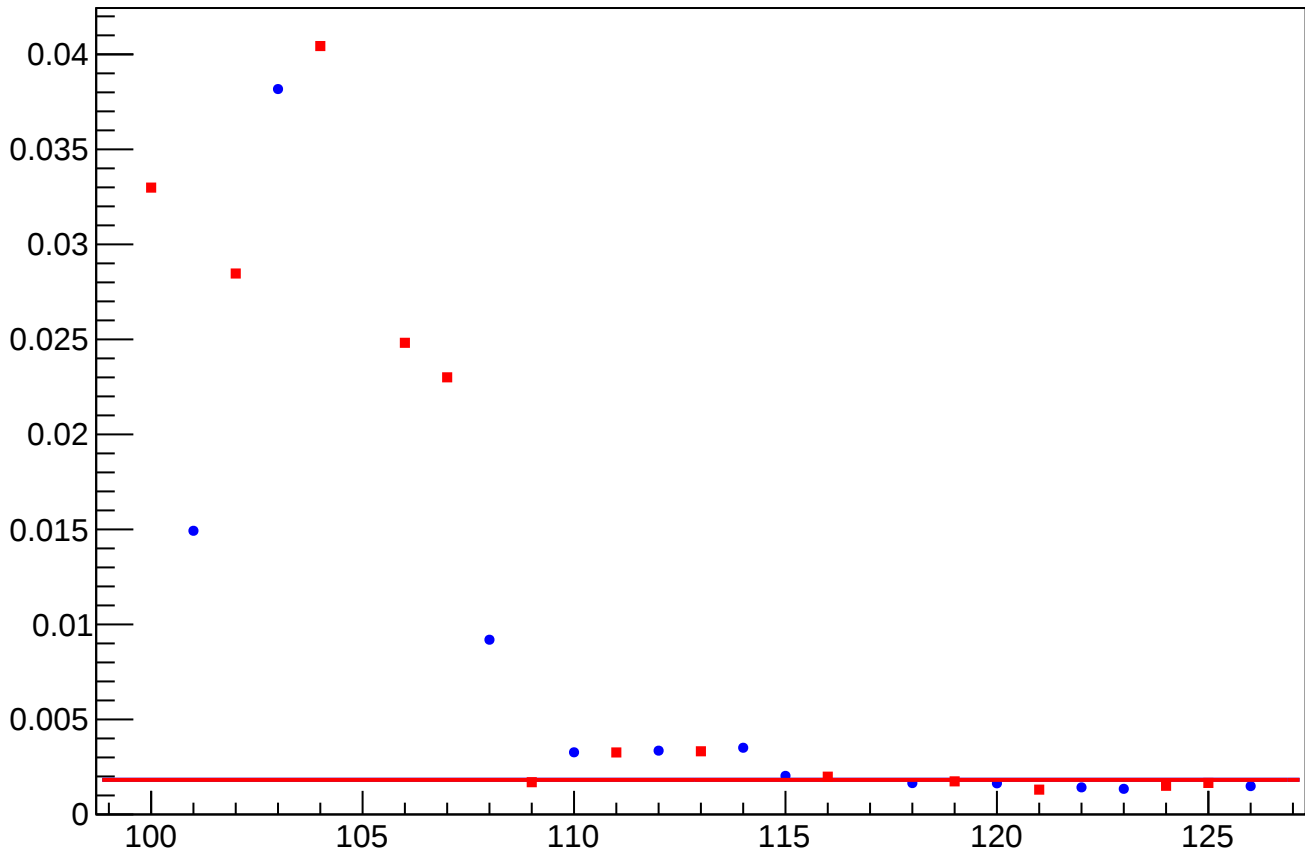
Right: -0.110+/-0.000 χ^2/NDF : 6222741444.1/24

In: -0.115+/-0.000 χ^2/NDF : 3896788093.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.110+/-0.000 χ^2/NDF : 6222741444.1/24

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2640416.6/11

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3266577.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

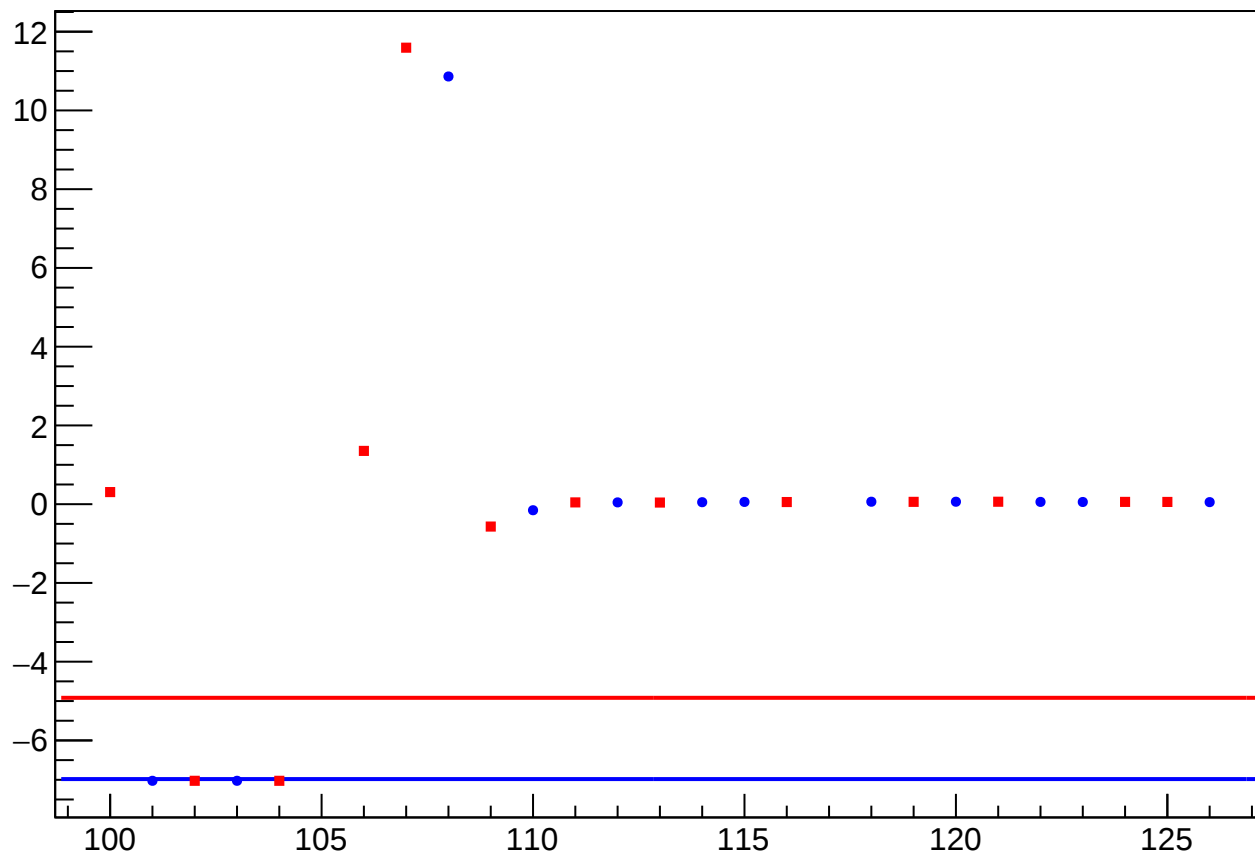
Right: 0.002+/-0.000 χ^2/NDF : 5907041.0/24

In: 0.002+/-0.000 χ^2/NDF :2640416.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

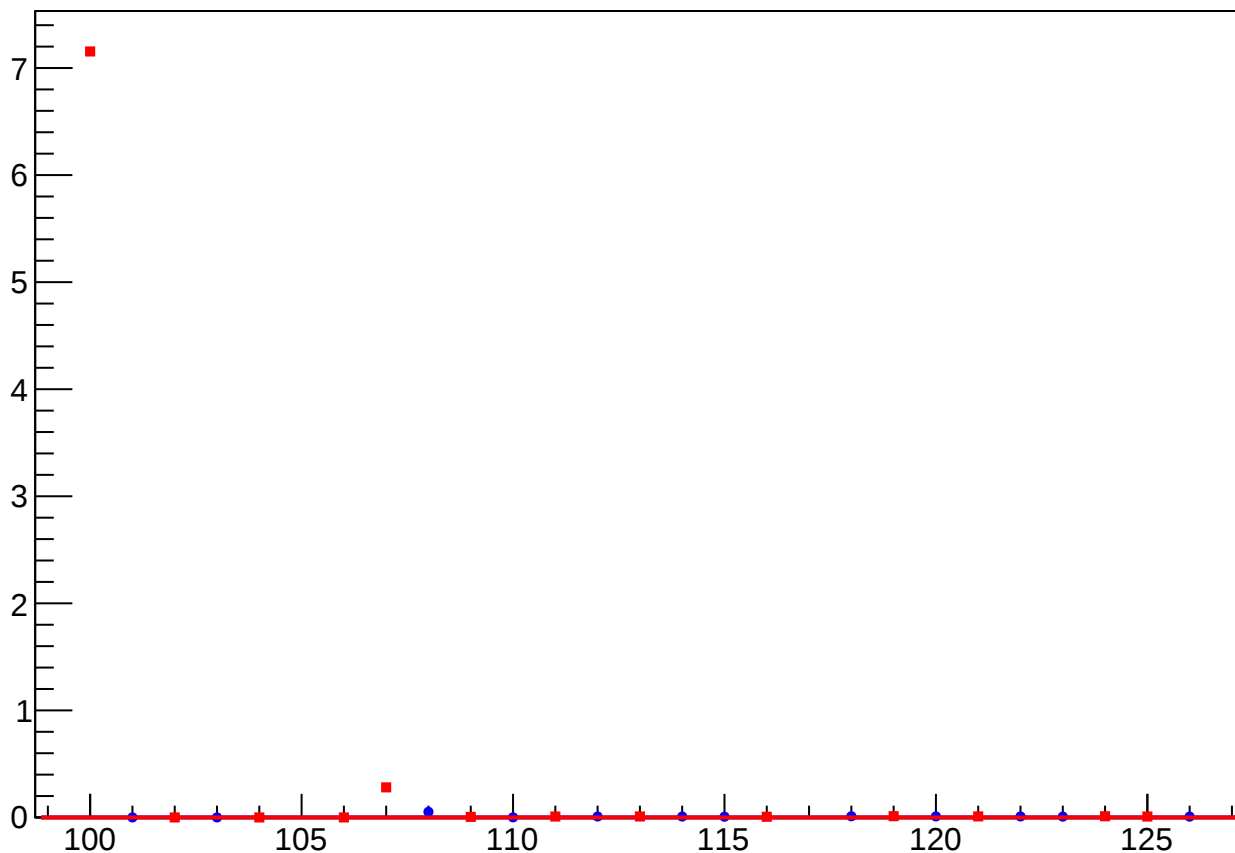
All: 0.002+/-0.000 χ^2/NDF : 5907041.0/24

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -6.982+/-0.000 χ^2/NDF : 7598434956872.8/11
 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 : 428734078534294.8

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4549911.5/11

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

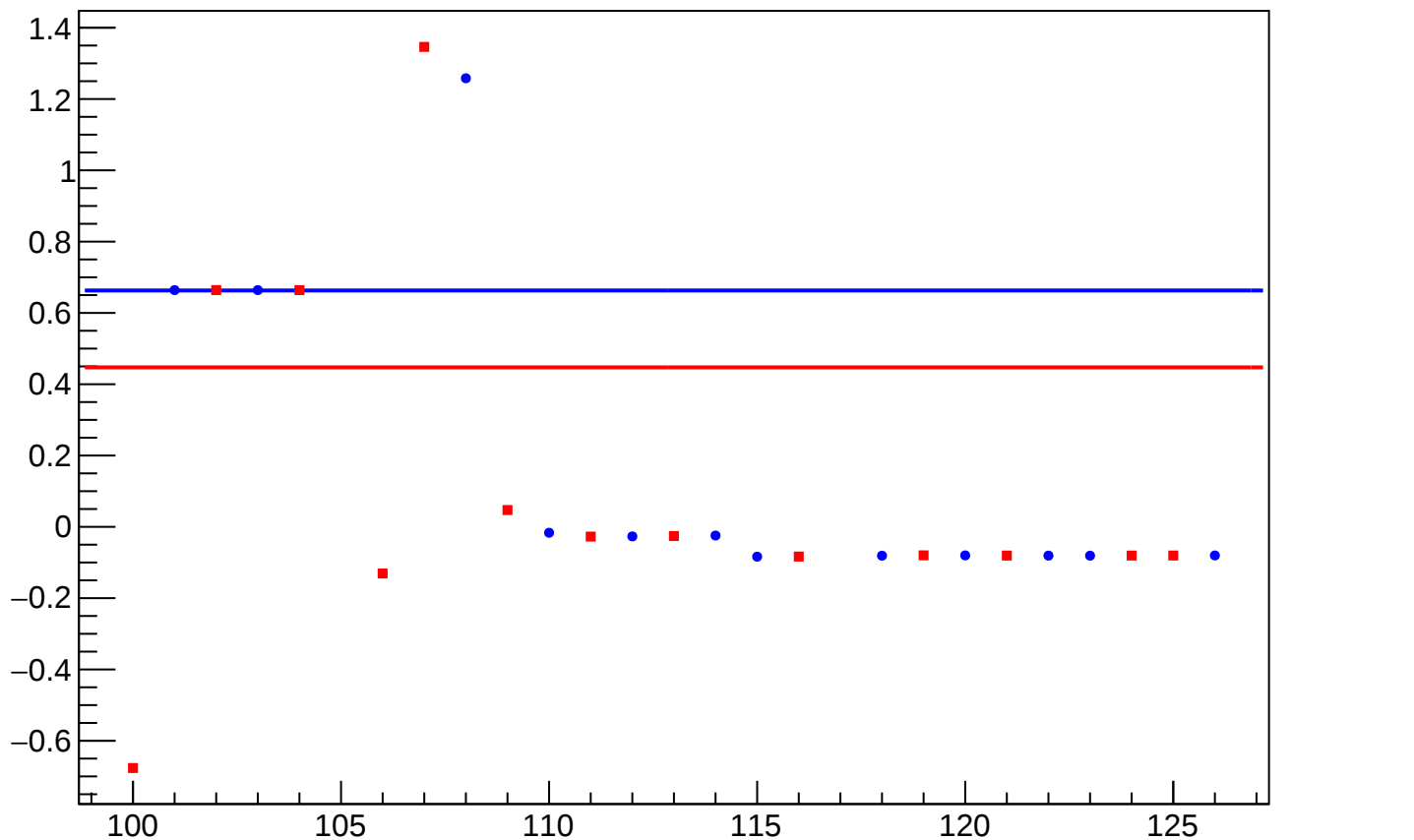
Right: 0.000+/-0.000 χ^2/NDF : 9674076.2/24

In: 0.000+/-0.000 χ^2/NDF : 4549911.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9674076.2/24

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.663+/-0.000 χ^2/NDF : 2181692149282.0/11

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

Right Out: 0.447+/-0.000 χ^2/NDF : 403846849145178.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

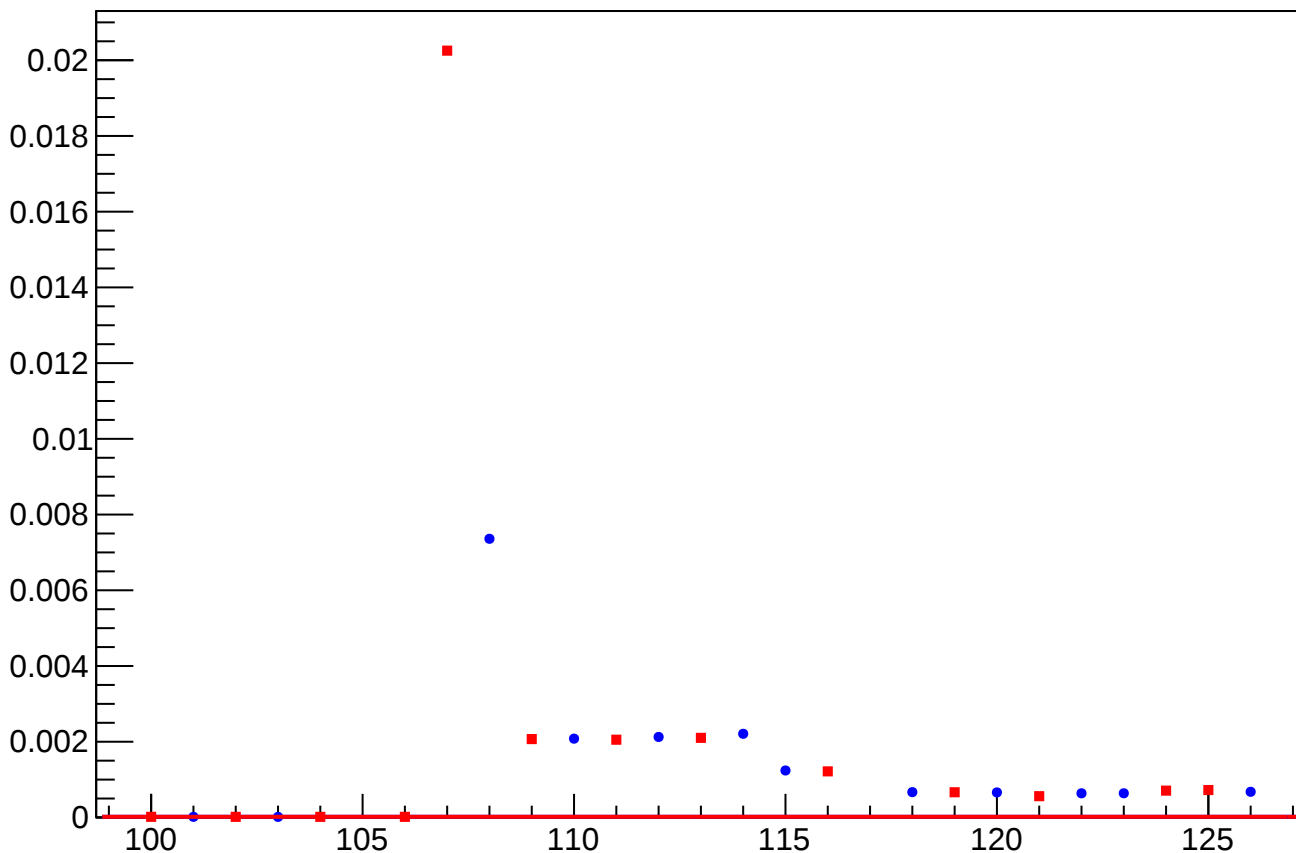
Right: 0.550+/-0.000 χ^2/NDF : 469239289599187.1

In: 0.663+/-0.000 χ^2/NDF : 2181692149282.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.550+/-0.000 χ^2/NDF : 469239289599187.1

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5657035.0/11

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

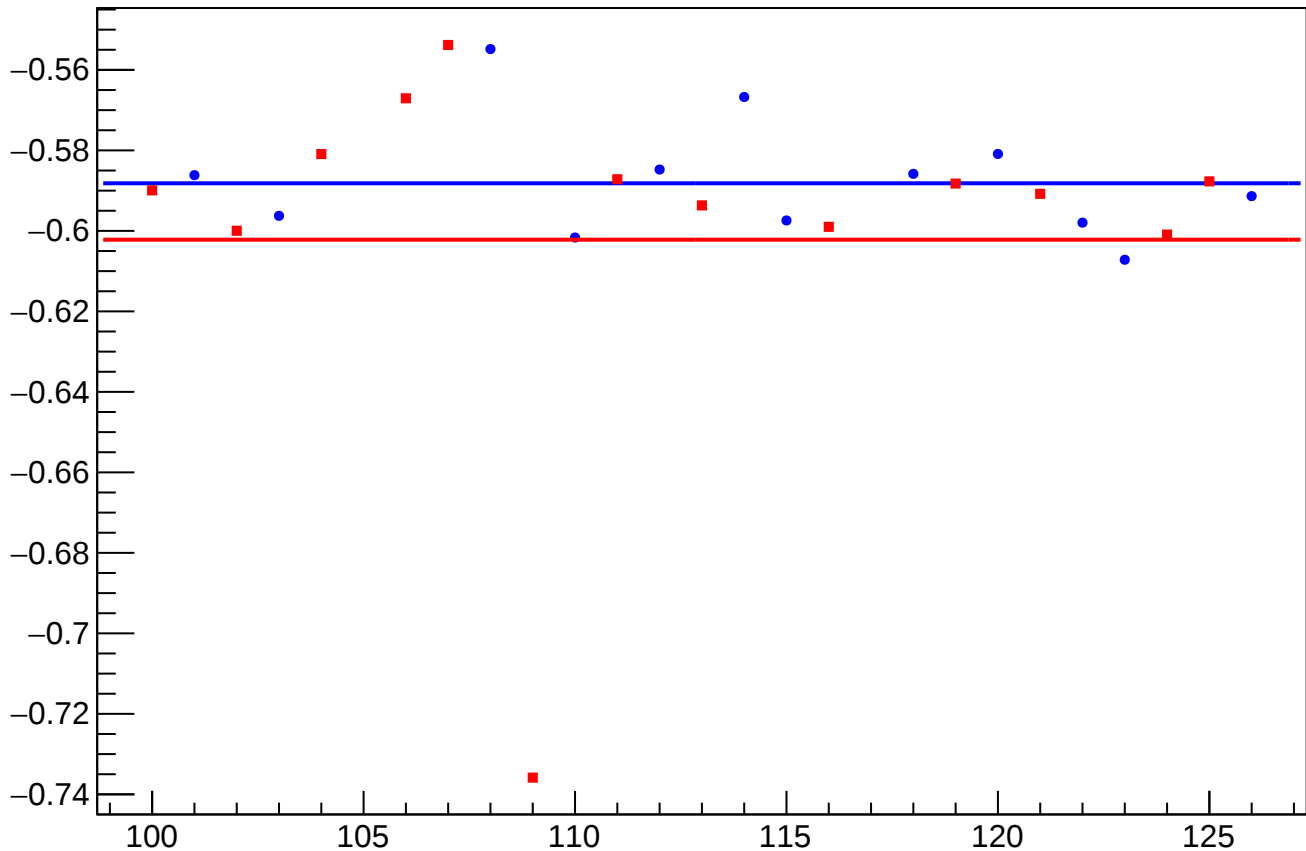
Right: 0.000+/-0.000 χ^2/NDF : 11003765.0/24

In: 0.000+/-0.000 χ^2/NDF : 5657035.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11003765.0/24

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.588+/-0.000 χ^2/NDF : 645690.5/11

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

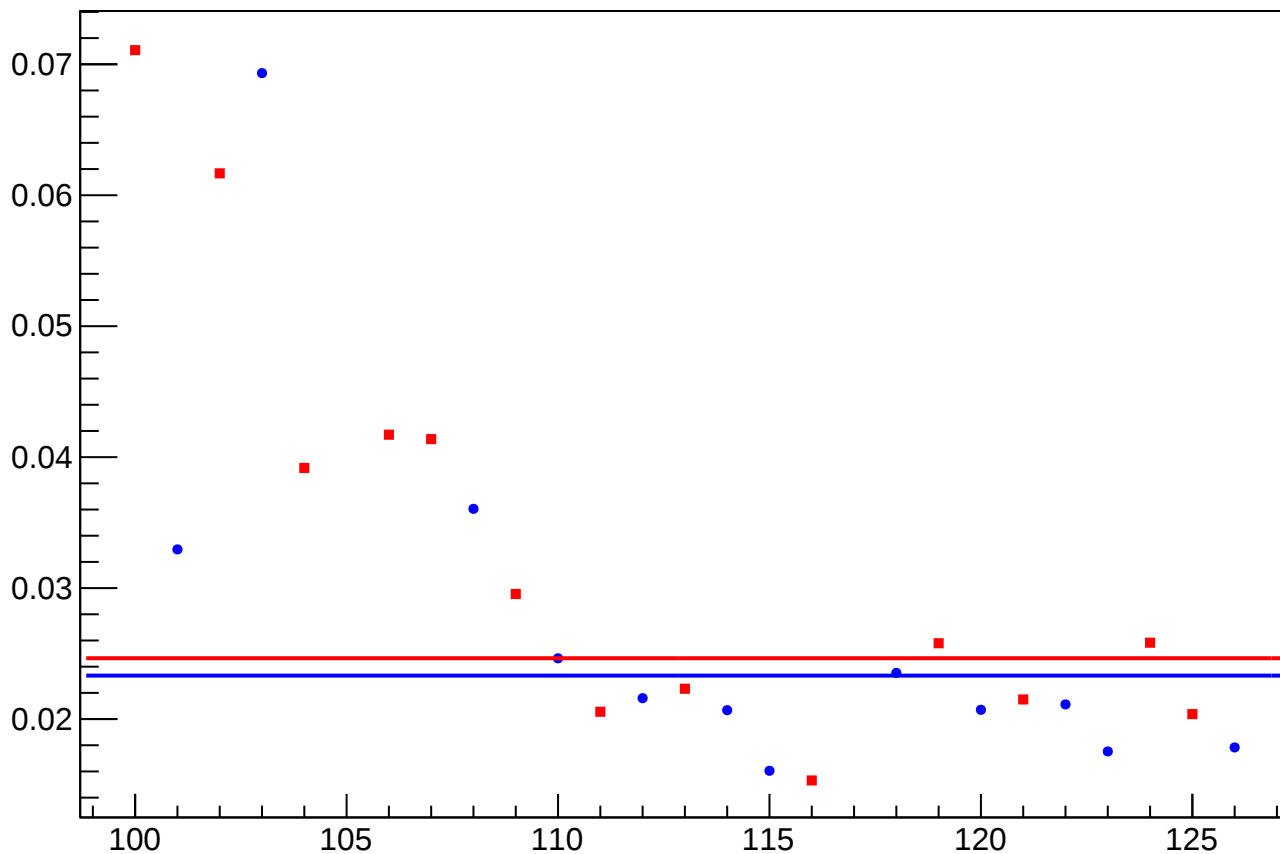
Right: -0.595+/-0.000 χ^2/NDF : 11495308.5/24

In: -0.588+/-0.000 χ^2/NDF :645690.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.595+/-0.000 χ^2/NDF : 11495308.5/24

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 781309.7/11

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

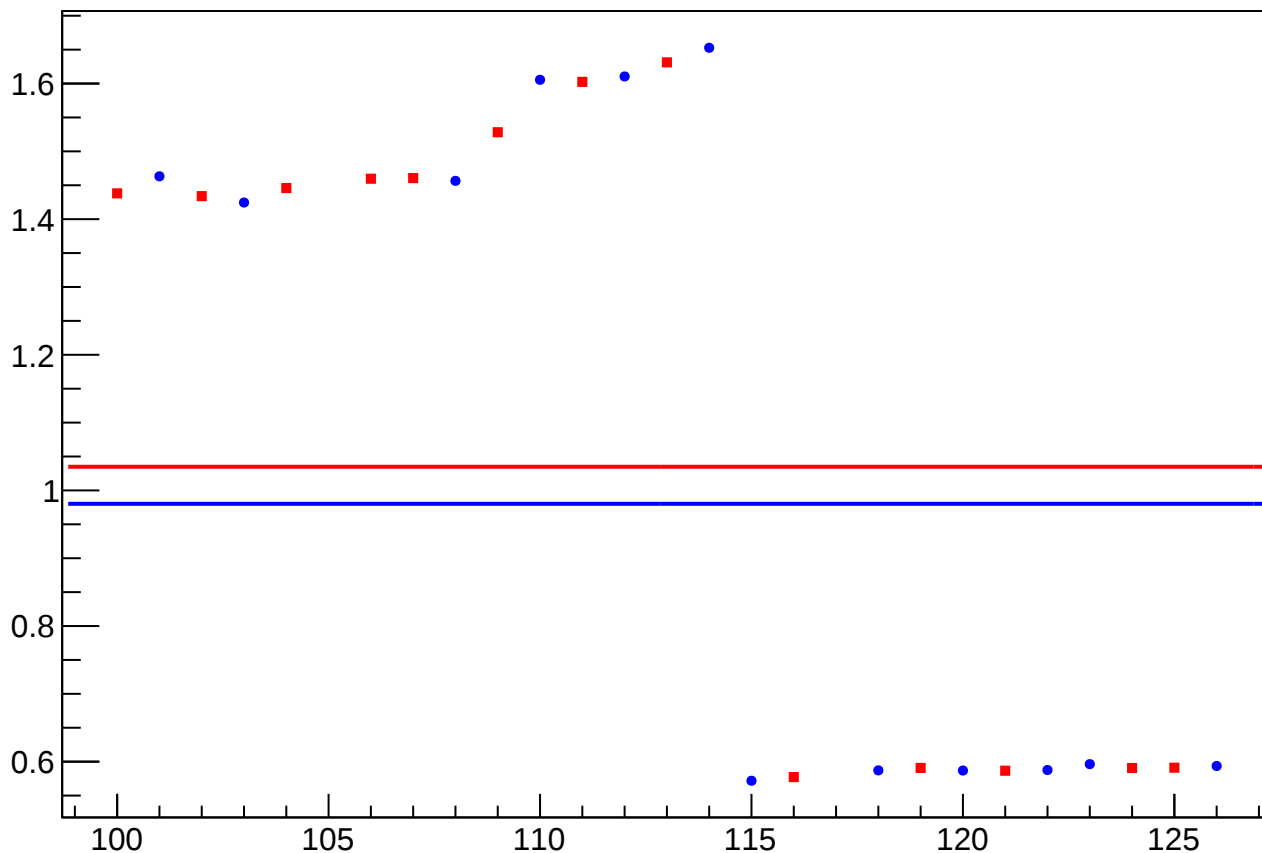
Right: 0.024+/-0.000 χ^2/NDF : 1721114.1/24

In: 0.023+/-0.000 χ^2/NDF : 781309.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1721114.1/24

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.980+/-0.000 χ^2/NDF : 2605624024.4/11

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

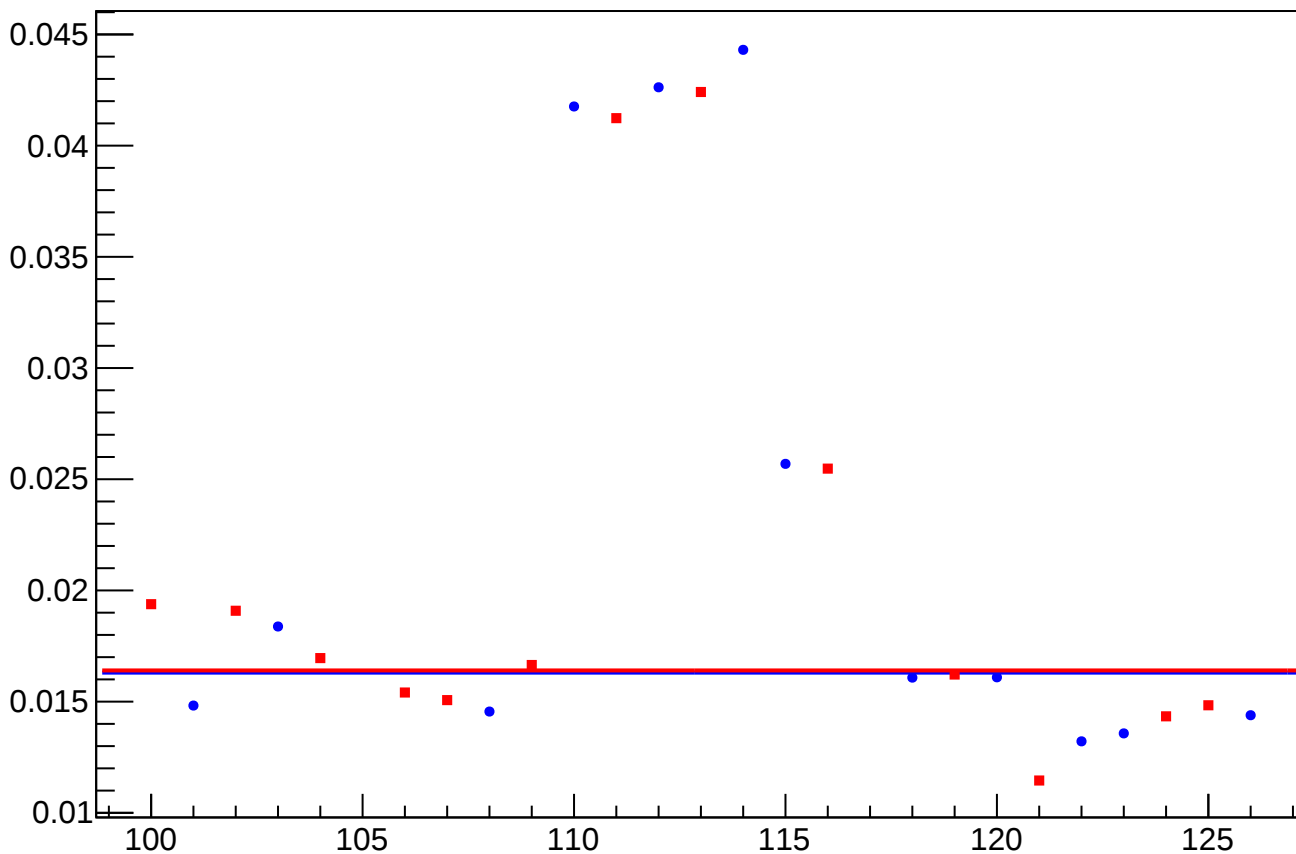
Right: 1.009+/-0.000 χ^2/NDF : 5522609544.4/24

In: 0.980+/-0.000 χ^2/NDF :2605624024.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.009+/-0.000 χ^2/NDF : 5522609544.4/24

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 788999.9/11

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

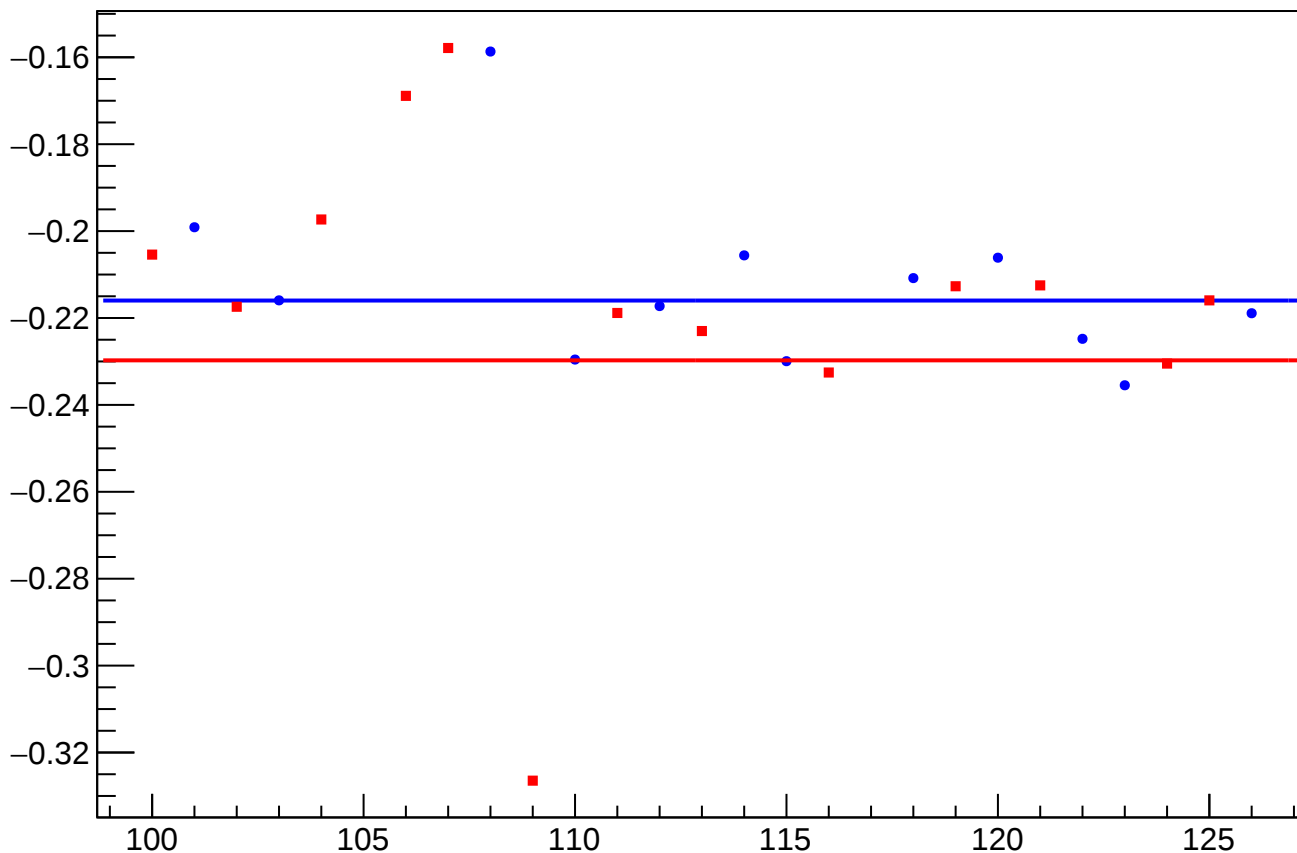
Right: 0.016+/-0.000 χ^2/NDF : 1652984.7/24

In: 0.016+/-0.000 χ^2/NDF : 788999.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 1652984.7/24

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.216+/-0.000 χ^2/NDF : 1444471.4/11

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

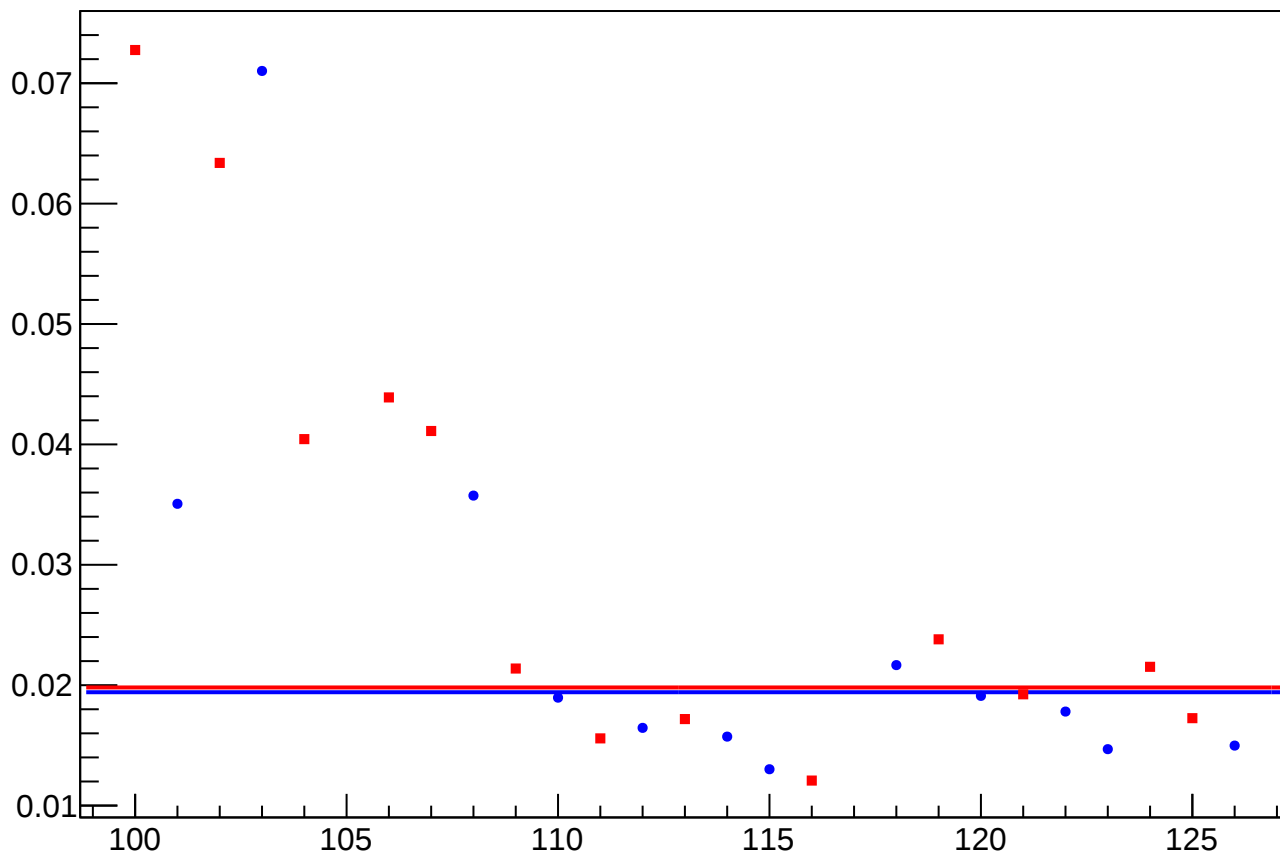
Right: -0.223+/-0.000 χ^2/NDF : 13541476.6/24

In: -0.216+/-0.000 χ^2/NDF :1444471.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.223+/-0.000 χ^2/NDF : 13541476.6/24

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 1073790.9/11

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

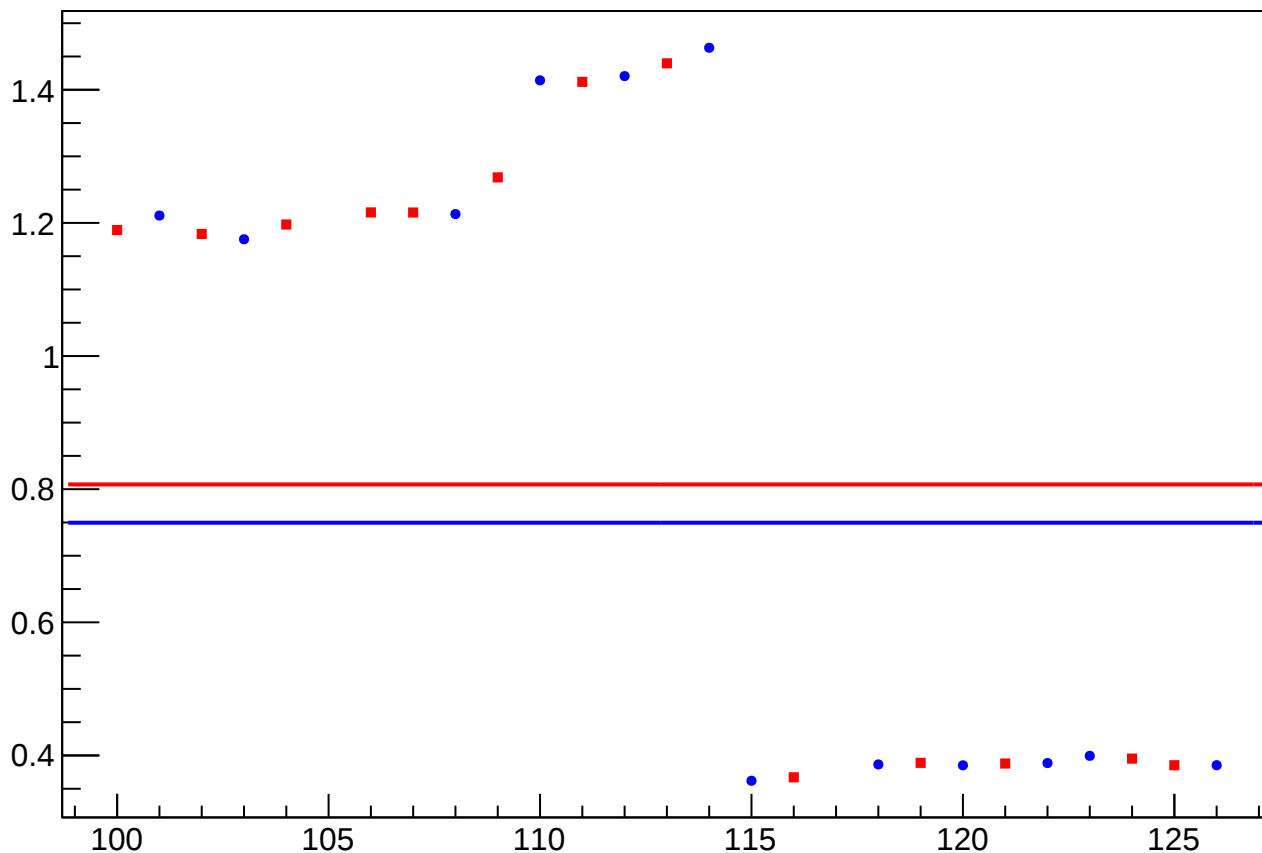
Right: 0.020+/-0.000 χ^2/NDF : 2379539.5/24

In: 0.019+/-0.000 χ^2/NDF :1073790.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.020+/-0.000 χ^2/NDF : 2379539.5/24

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.750+/-0.000 χ^2/NDF : 3504133802.3/11

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

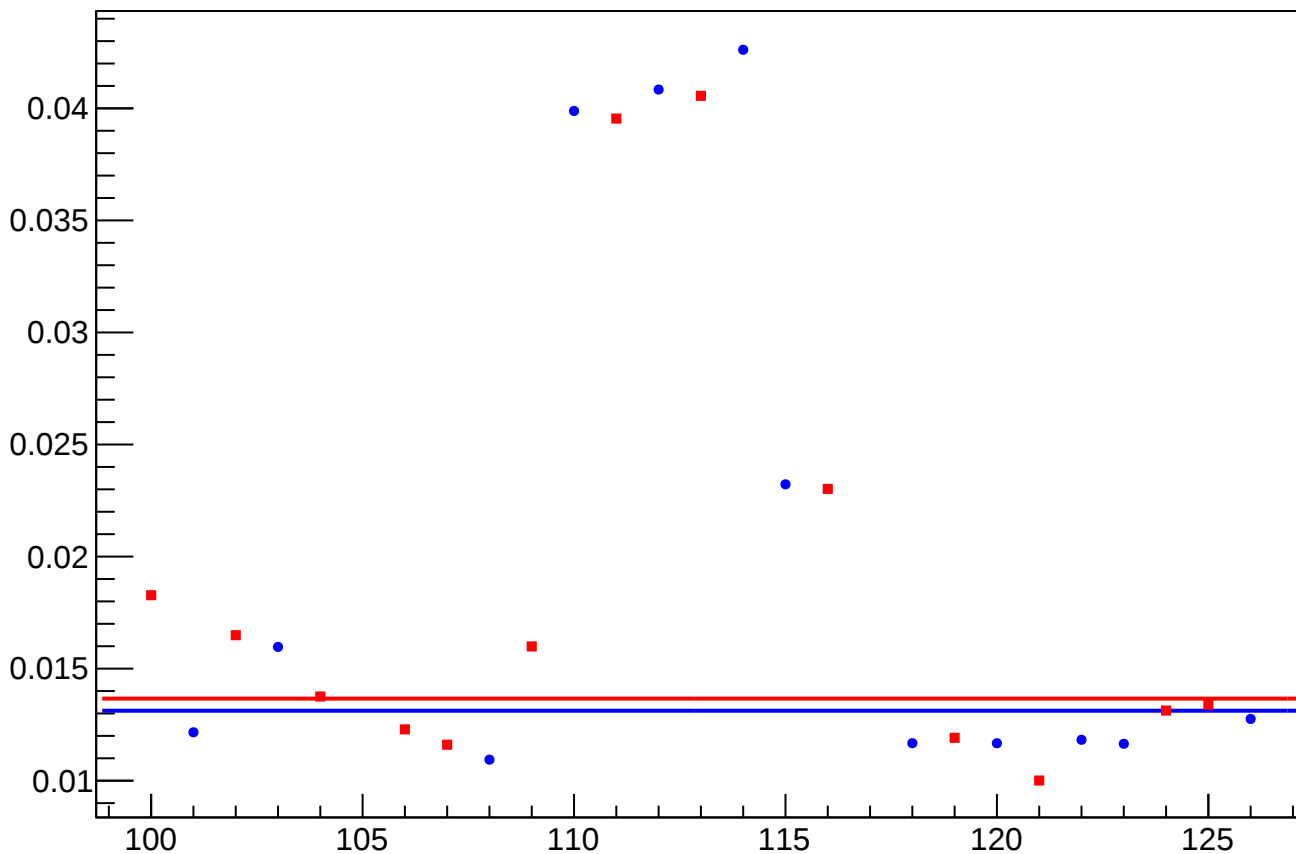
Right: 0.778+/-0.000 χ^2/NDF : 7157932605.4/24

In: 0.750+/-0.000 χ^2/NDF :3504133802.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.778+/-0.000 χ^2/NDF : 7157932605.4/24

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 945480.5/11

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

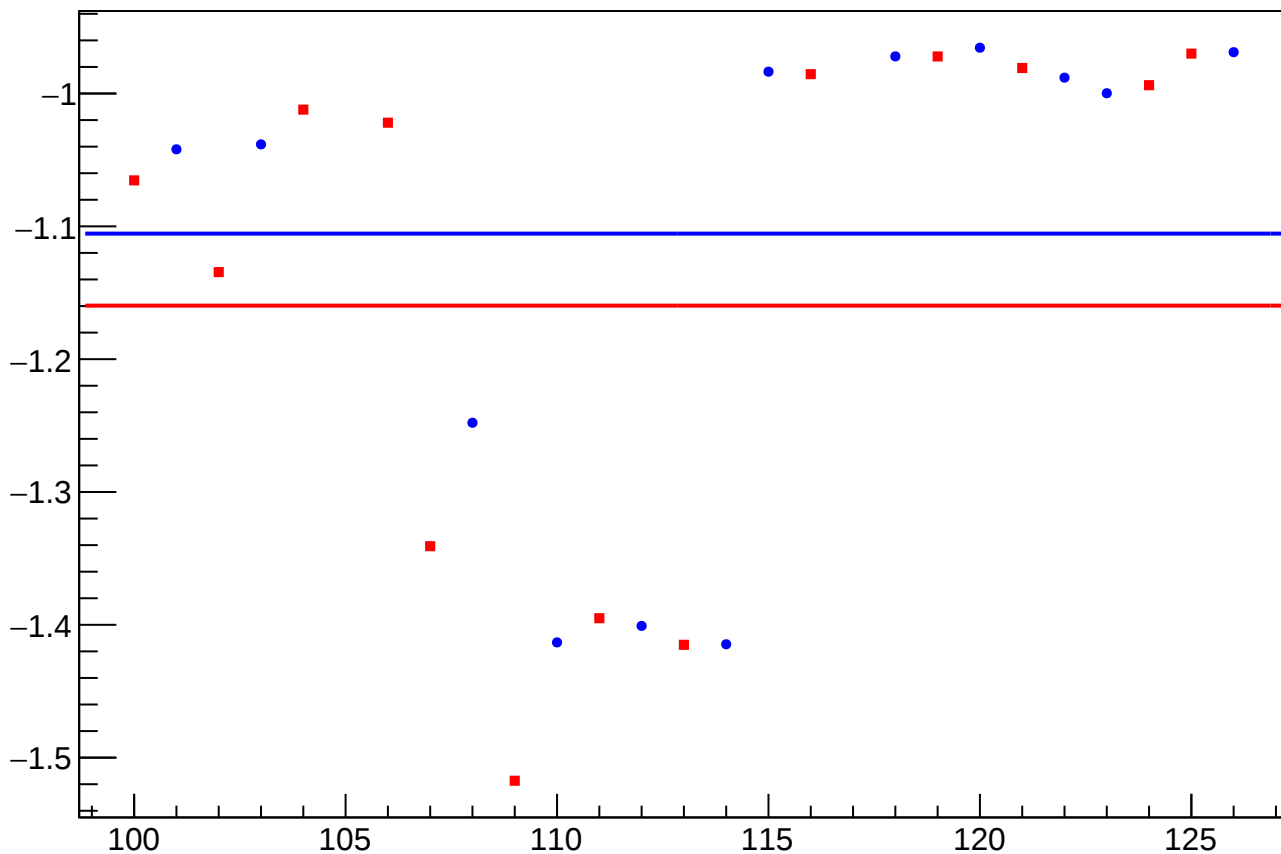
Right: 0.013+/-0.000 χ^2/NDF : 1954101.2/24

In: 0.013+/-0.000 χ^2/NDF :945480.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.013+/-0.000 χ^2/NDF : 1954101.2/24

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.105+/-0.000 χ^2/NDF : 215199914.8/11

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

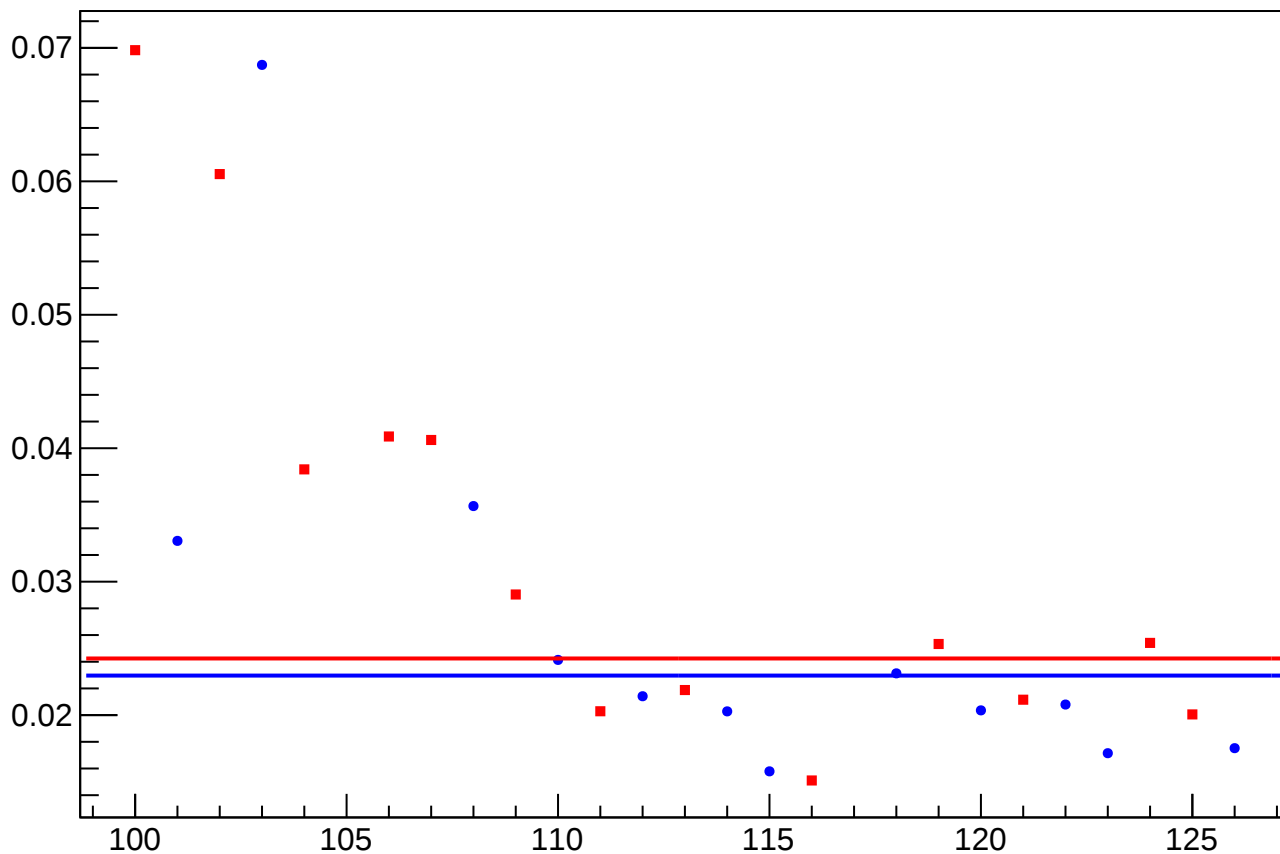
Right: -1.132+/-0.000 χ^2/NDF : 506295880.4/24

In: -1.105+/-0.000 χ^2/NDF :215199914.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.132+/-0.000 χ^2/NDF : 506295880.4/24

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 792594.9/11

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

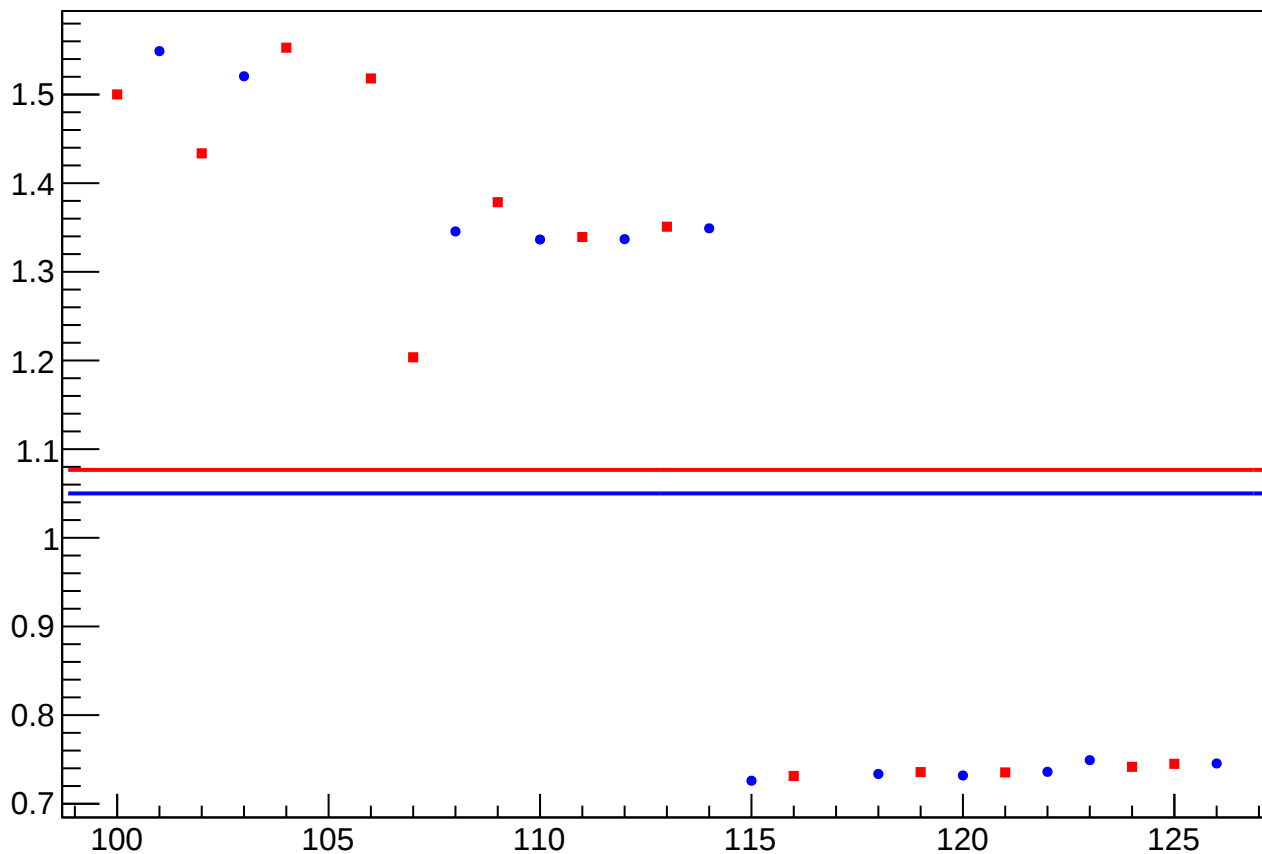
Right: 0.024+/-0.000 χ^2/NDF : 1724920.8/24

In: 0.023+/-0.000 χ^2/NDF : 792594.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1724920.8/24

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.050+/-0.000 χ^2/NDF : 1754604215.5/11

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

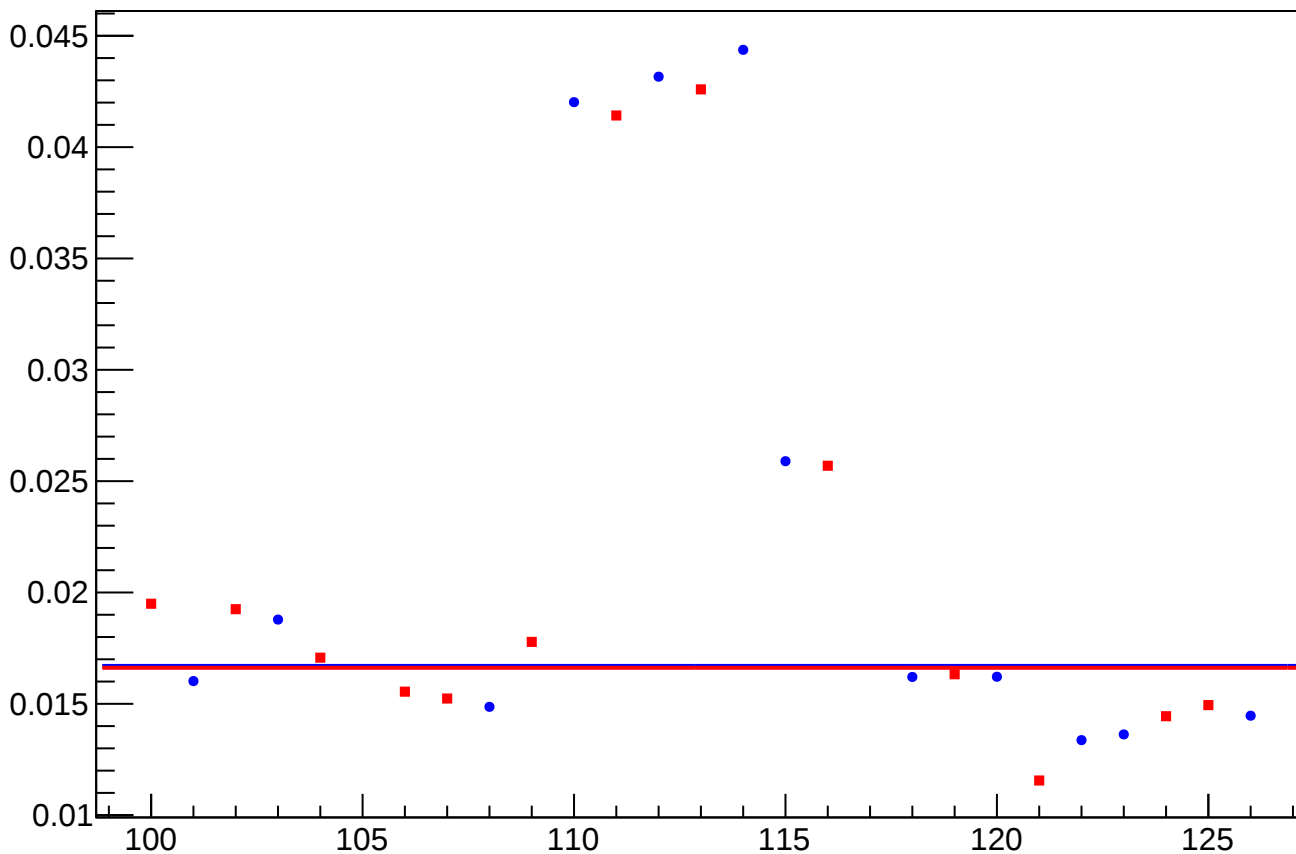
Right: 1.064+/-0.000 χ^2/NDF : 3514092749.6/24

In: 1.050+/-0.000 χ^2/NDF :1754604215.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.064+/-0.000 χ^2/NDF : 3514092749.6/24

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 778172.2/11

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

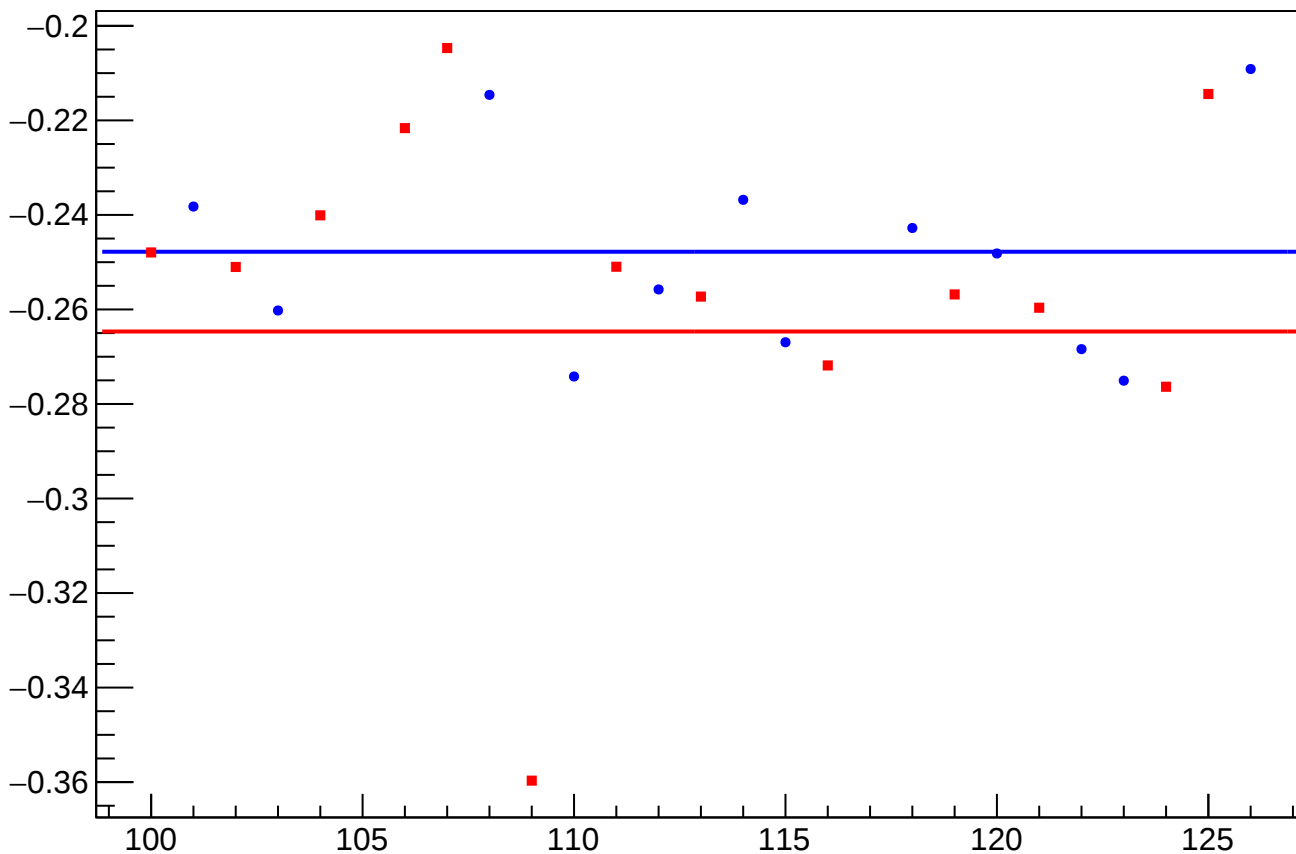
Right: 0.017+/-0.000 χ^2/NDF : 1641434.2/24

In: 0.017+/-0.000 χ^2/NDF : 778172.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.000 χ^2/NDF : 1641434.2/24

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.248+/-0.000 χ^2/NDF : 3681122.5/11

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

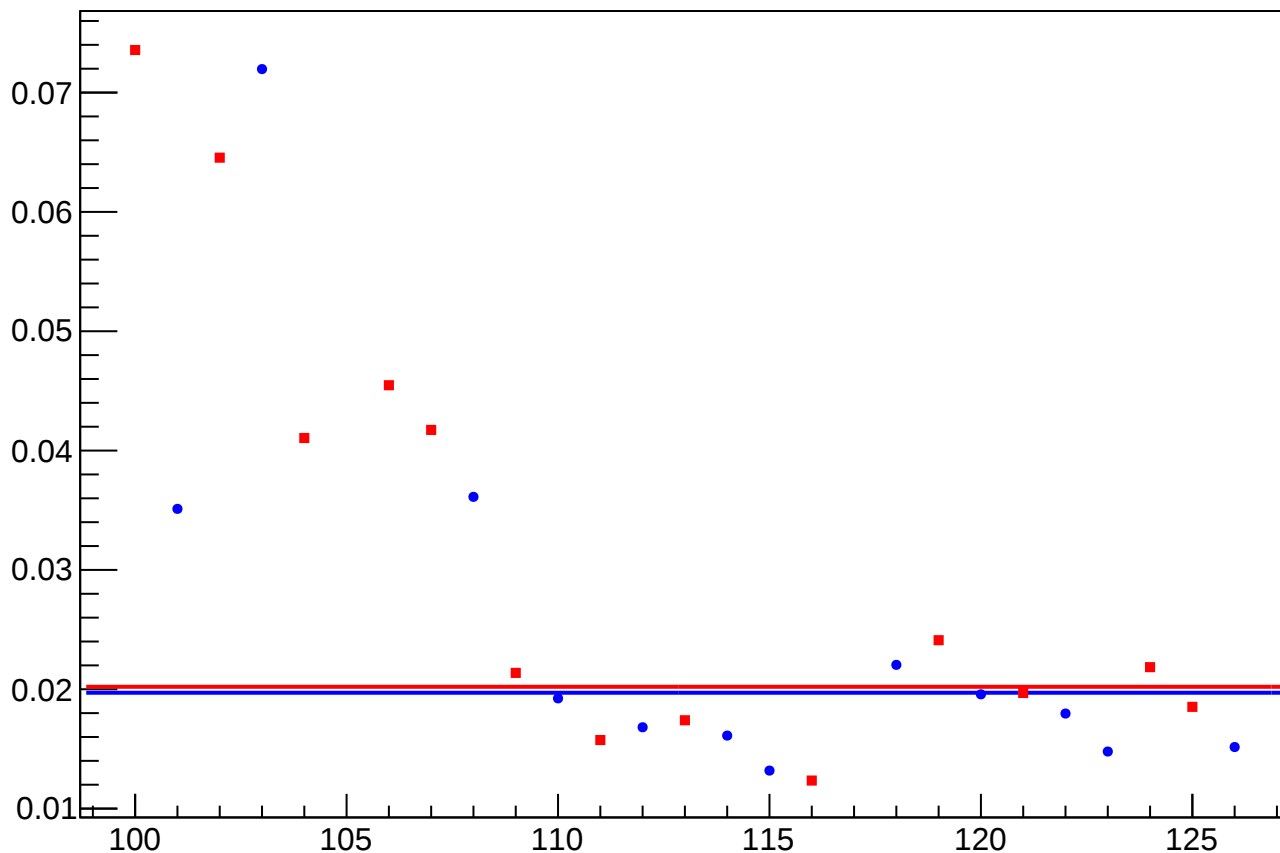
Right: -0.256+/-0.000 χ^2/NDF : 16721214.6/24

In: -0.248+/-0.000 χ^2/NDF :3681122.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.256+/-0.000 χ^2/NDF : 16721214.6/24

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1062352.2/11

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

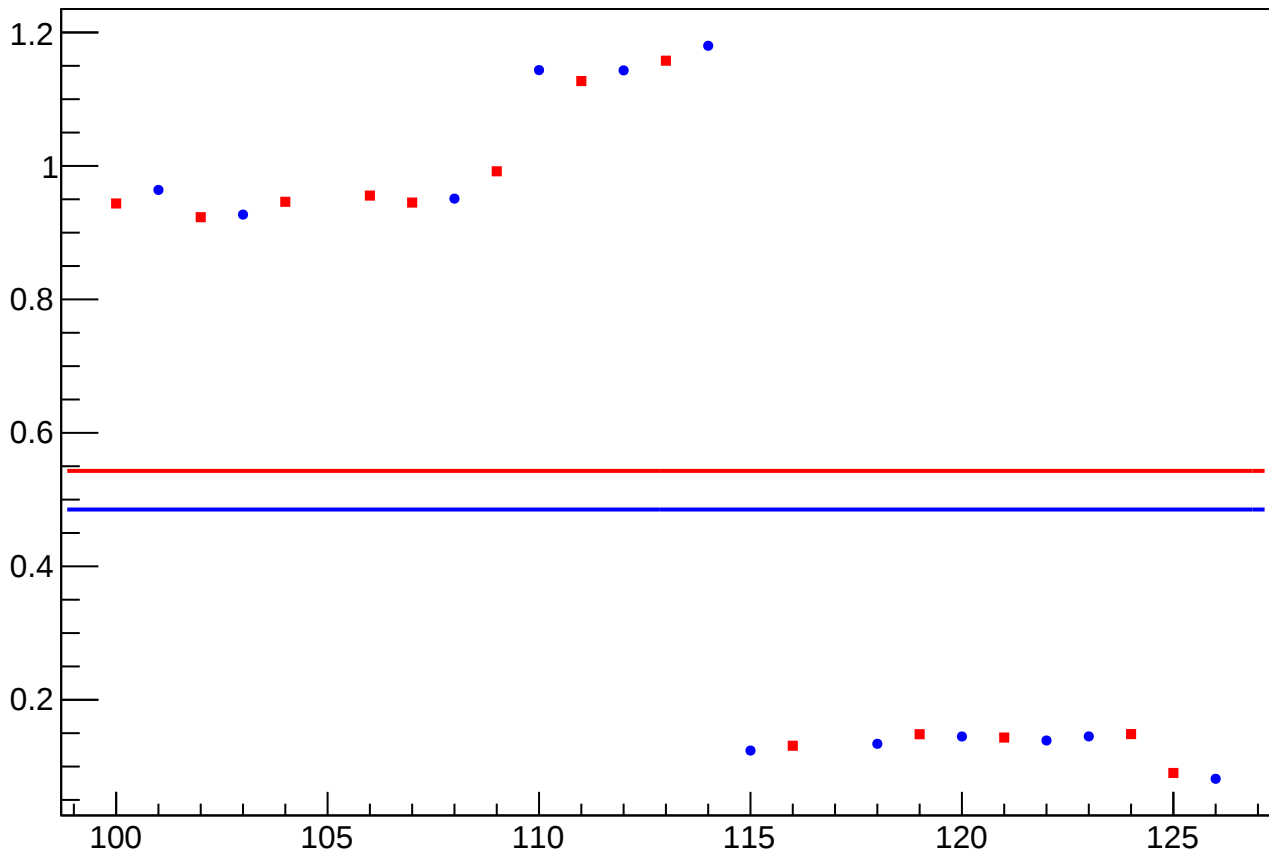
Right: 0.020+/-0.000 χ^2/NDF : 2366242.2/24

In: 0.020+/-0.000 χ^2/NDF :1062352.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.020+/-0.000 χ^2/NDF : 2366242.2/24

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.485+/-0.000 χ^2/NDF : 3592836951.6/11

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

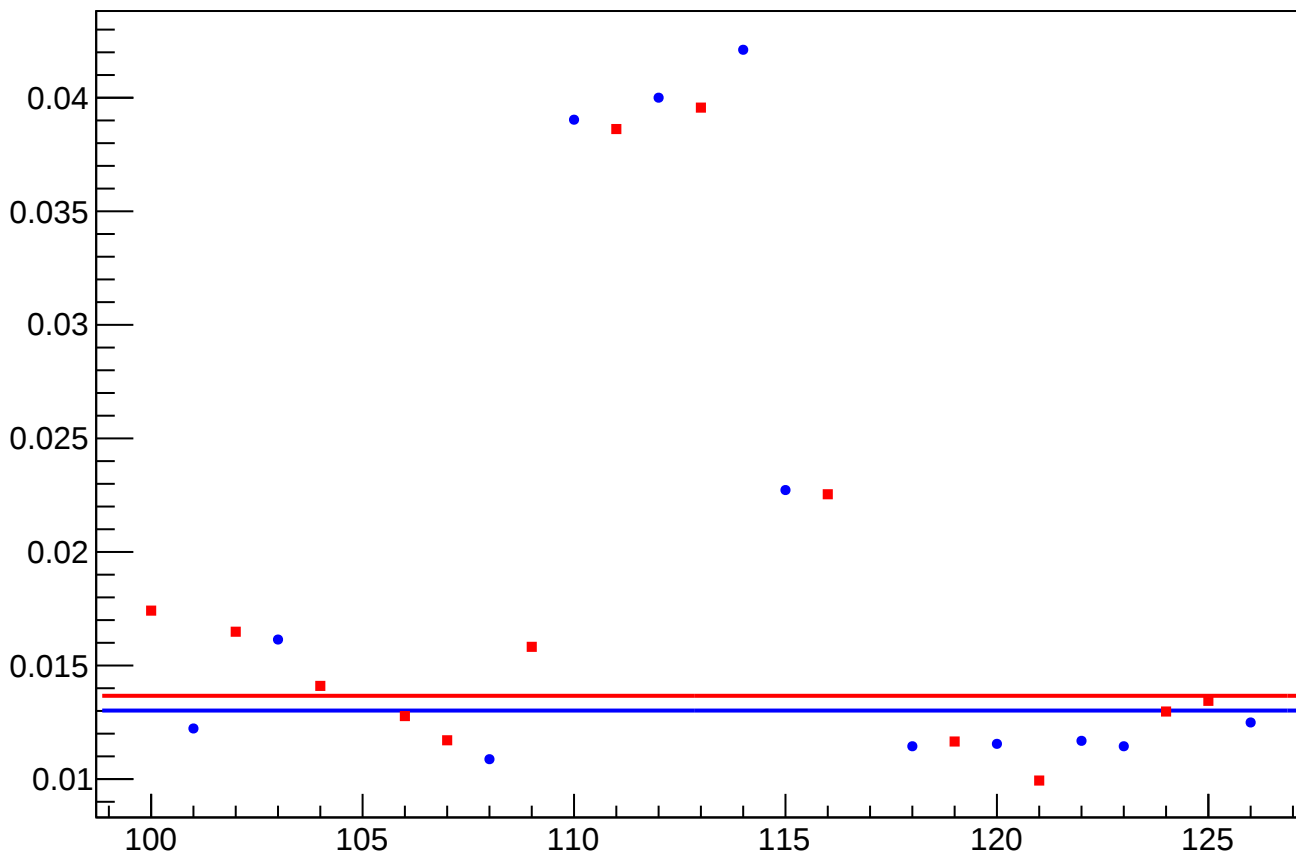
Right: 0.514+/-0.000 χ^2/NDF : 7154894617.9/24

In: 0.485+/-0.000 χ^2/NDF :3592836951.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.514+/-0.000 χ^2/NDF : 7154894617.9/24

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 944343.9/11

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

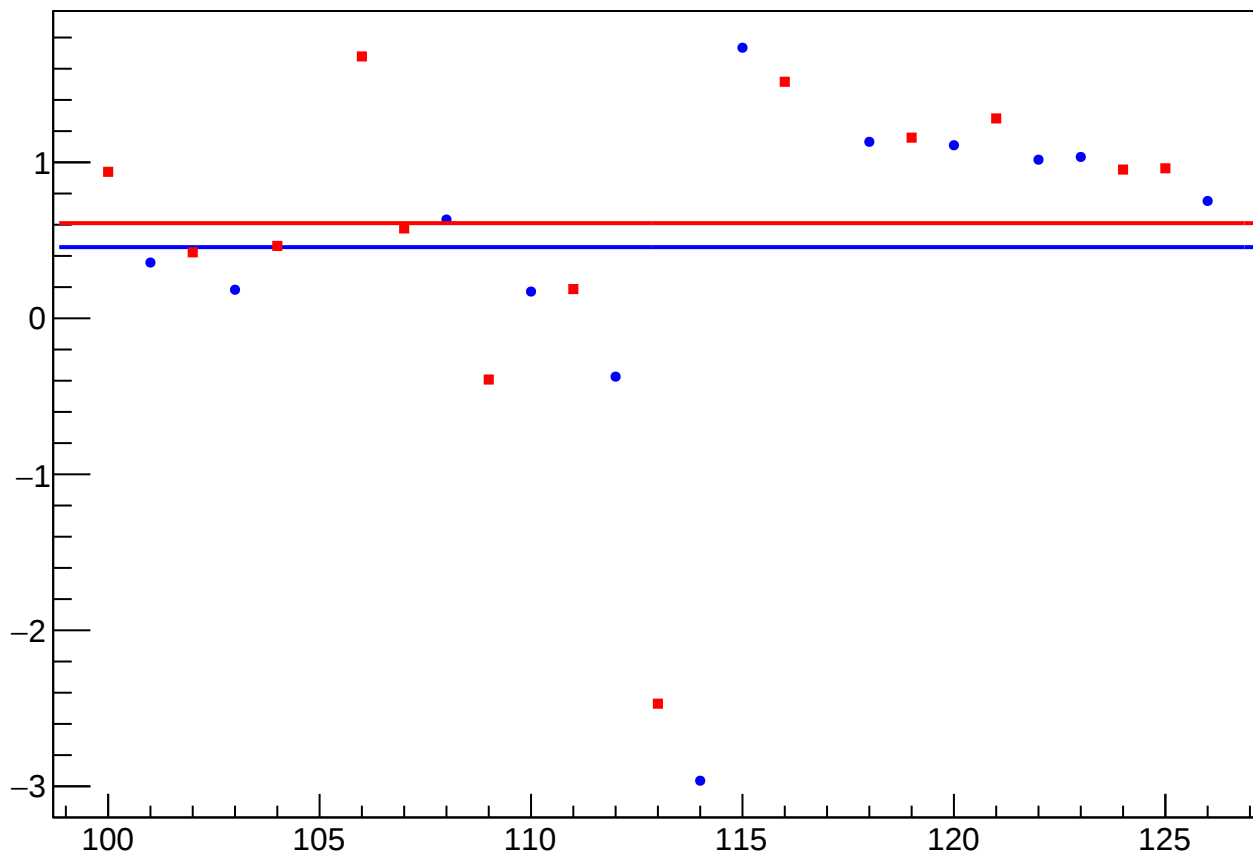
Right: 0.013+/-0.000 χ^2/NDF : 1937089.8/24

In: 0.013+/-0.000 χ^2/NDF : 944343.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 1937089.8/24

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.456+/-0.000 χ^2/NDF : 206176933.3/11

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

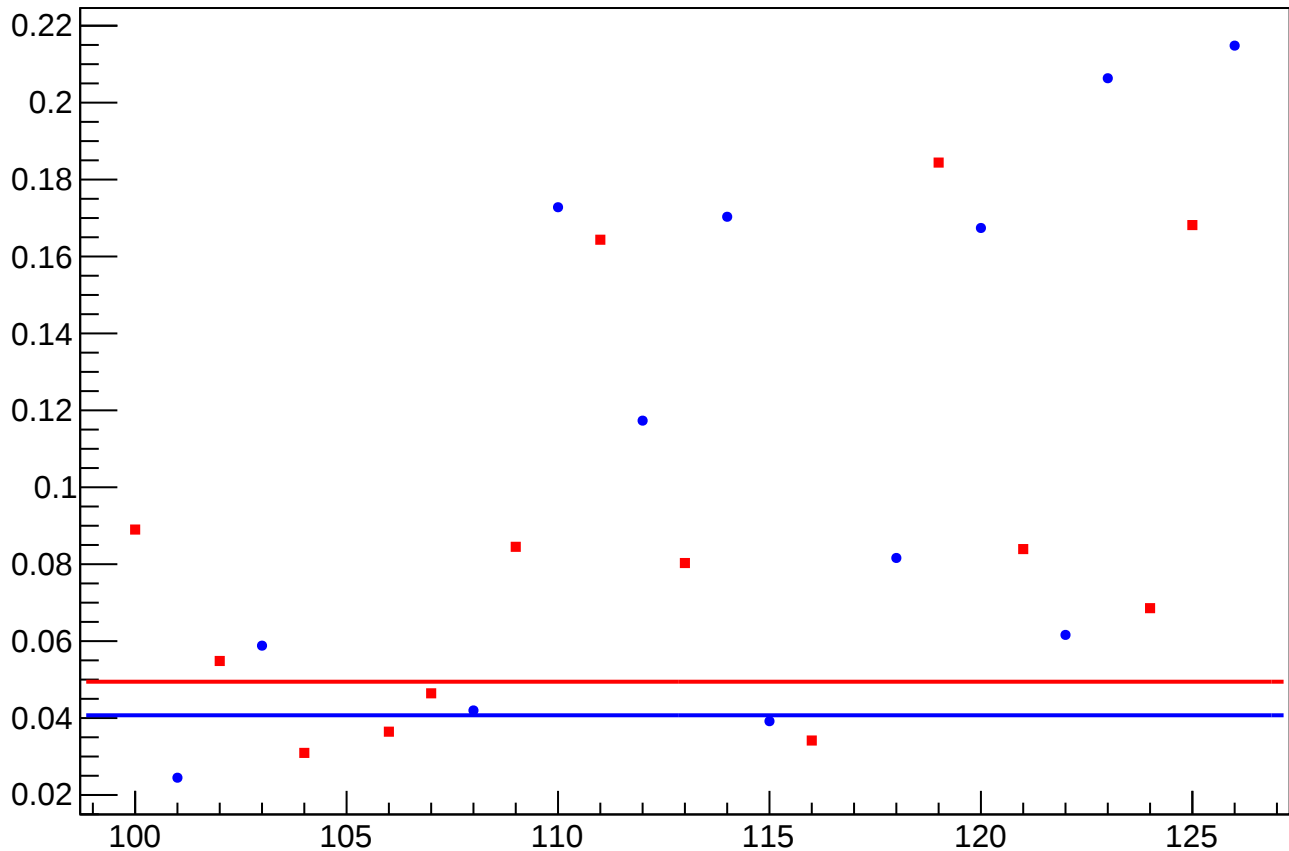
Right: 0.526+/-0.000 χ^2/NDF : 1089987947.5/24

In: 0.456+/-0.000 χ^2/NDF :206176933.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.526+/-0.000 χ^2/NDF : 1089987947.5/24

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.041+/-0.000 χ^2/NDF : 2460008.2/11

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

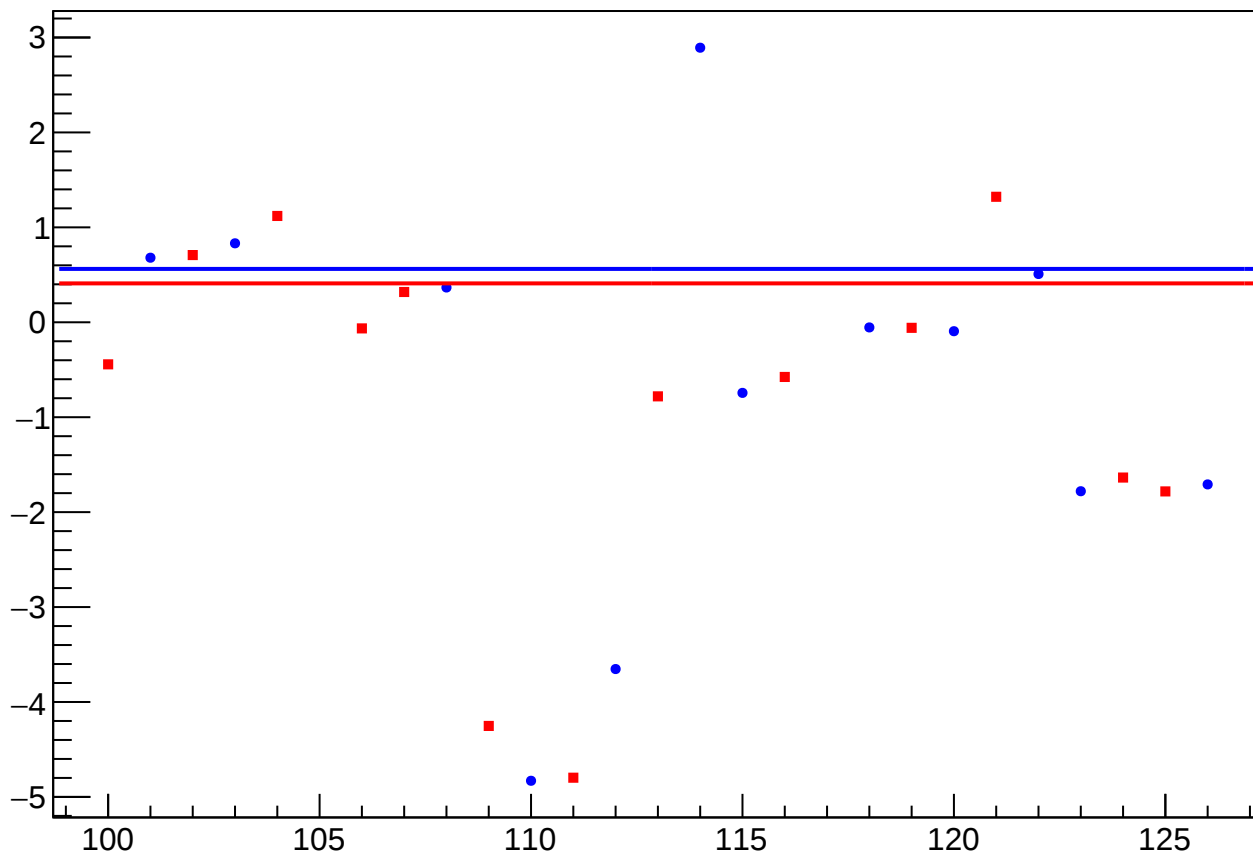
Right: 0.045+/-0.000 χ^2/NDF : 4493411.6/24

In: 0.041+/-0.000 χ^2/NDF : 2460008.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.045+/-0.000 χ^2/NDF : 4493411.6/24

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.562+/-0.000 χ^2/NDF : 1668027635.4/11

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

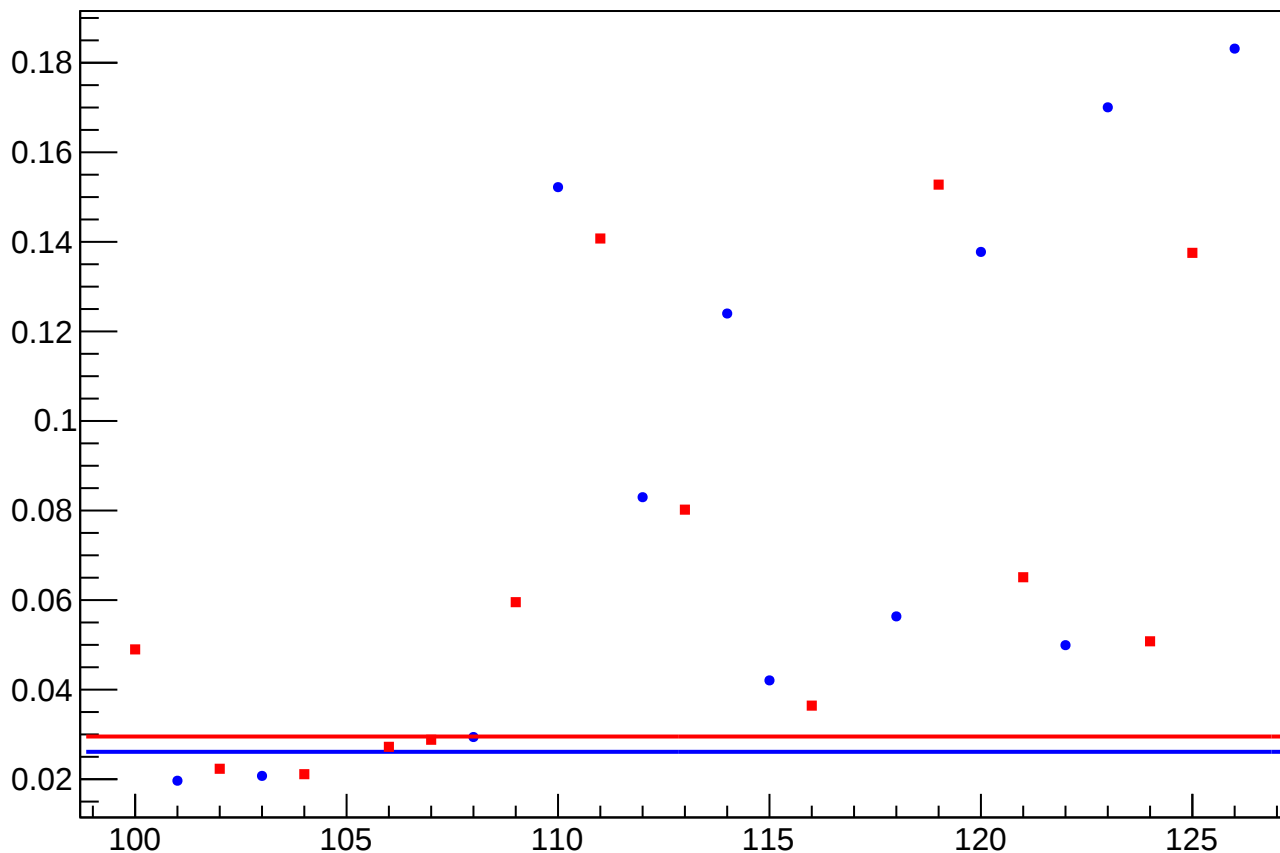
Right: 0.489+/-0.000 χ^2/NDF : 5591577587.0/24

In: 0.562+/-0.000 χ^2/NDF :1668027635.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.489+/-0.000 χ^2/NDF : 5591577587.0/24

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.026+/-0.000 χ^2/NDF : 2386709.5/11

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

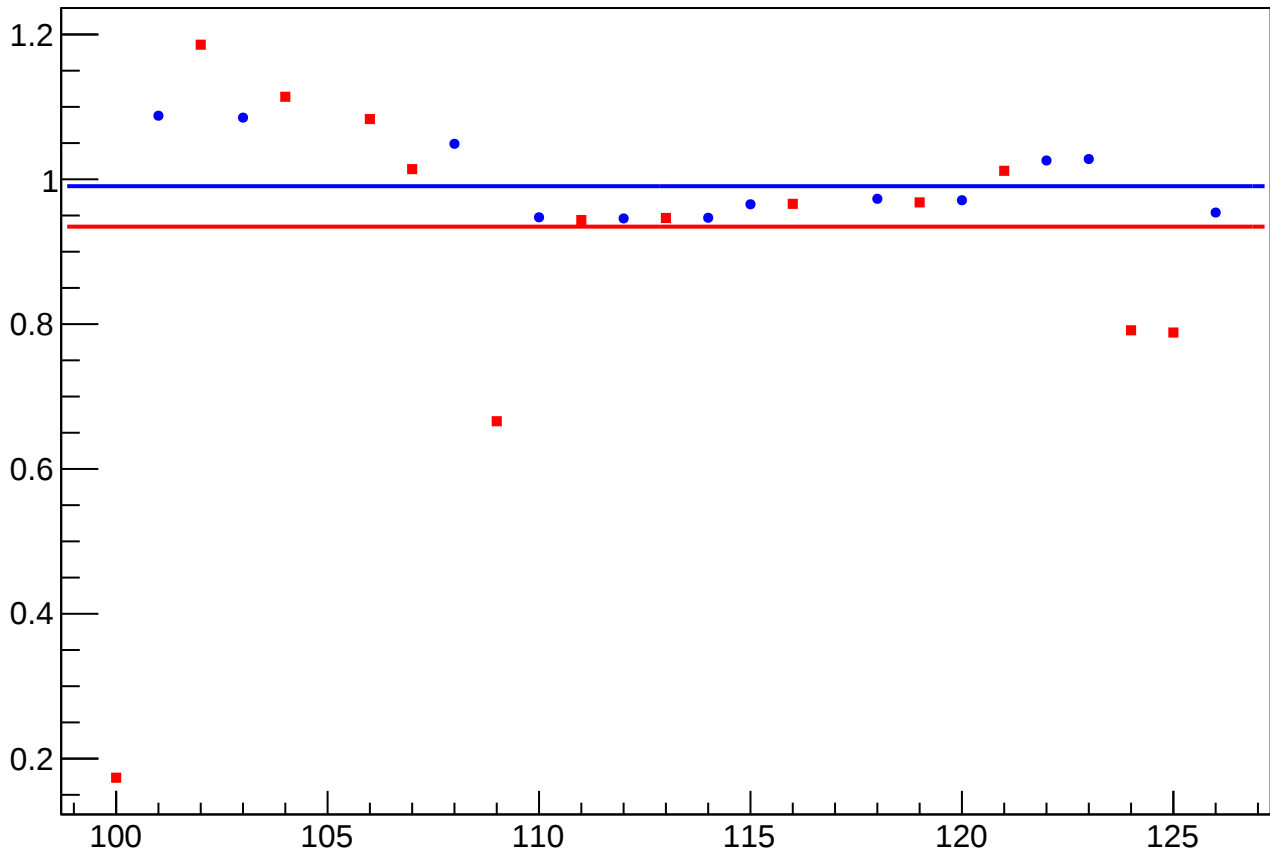
Right: 0.028+/-0.000 χ^2/NDF : 4846075.4/24

In: 0.026+/-0.000 χ^2/NDF :2386709.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.028+/-0.000 χ^2/NDF : 4846075.4/24

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.990+/-0.000 χ^2/NDF : 46602918.4/11

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

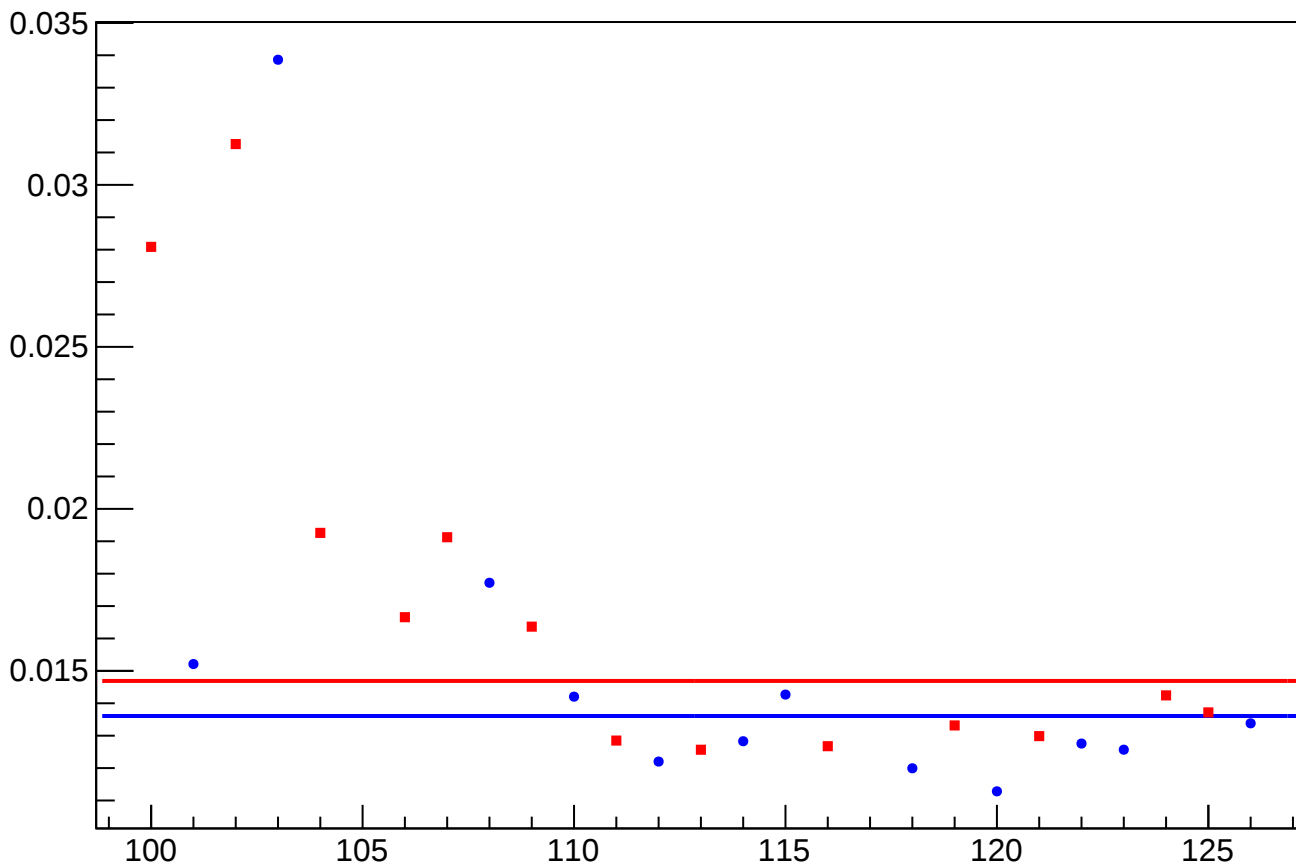
Right: 0.963+/-0.000 χ^2/NDF : 396467695.5/24

In: 0.990+/-0.000 χ^2/NDF :46602918.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.963+/-0.000 χ^2/NDF : 396467695.5/24

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 479267.7/11

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

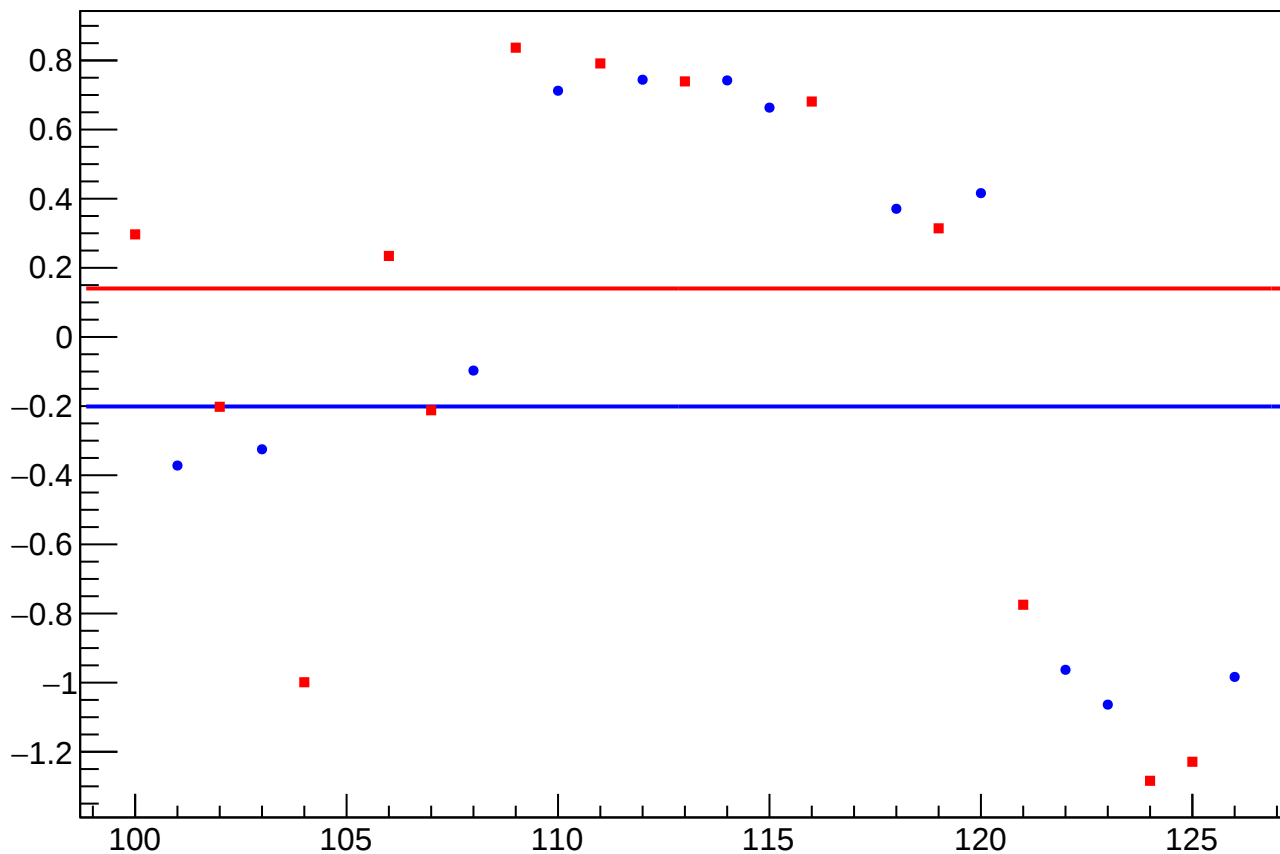
Right: 0.014+/-0.000 χ^2/NDF : 968546.0/24

In: 0.014+/-0.000 χ^2/NDF :479267.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 968546.0/24

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.201+/-0.000 χ^2/NDF : 4484332220.8/11

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

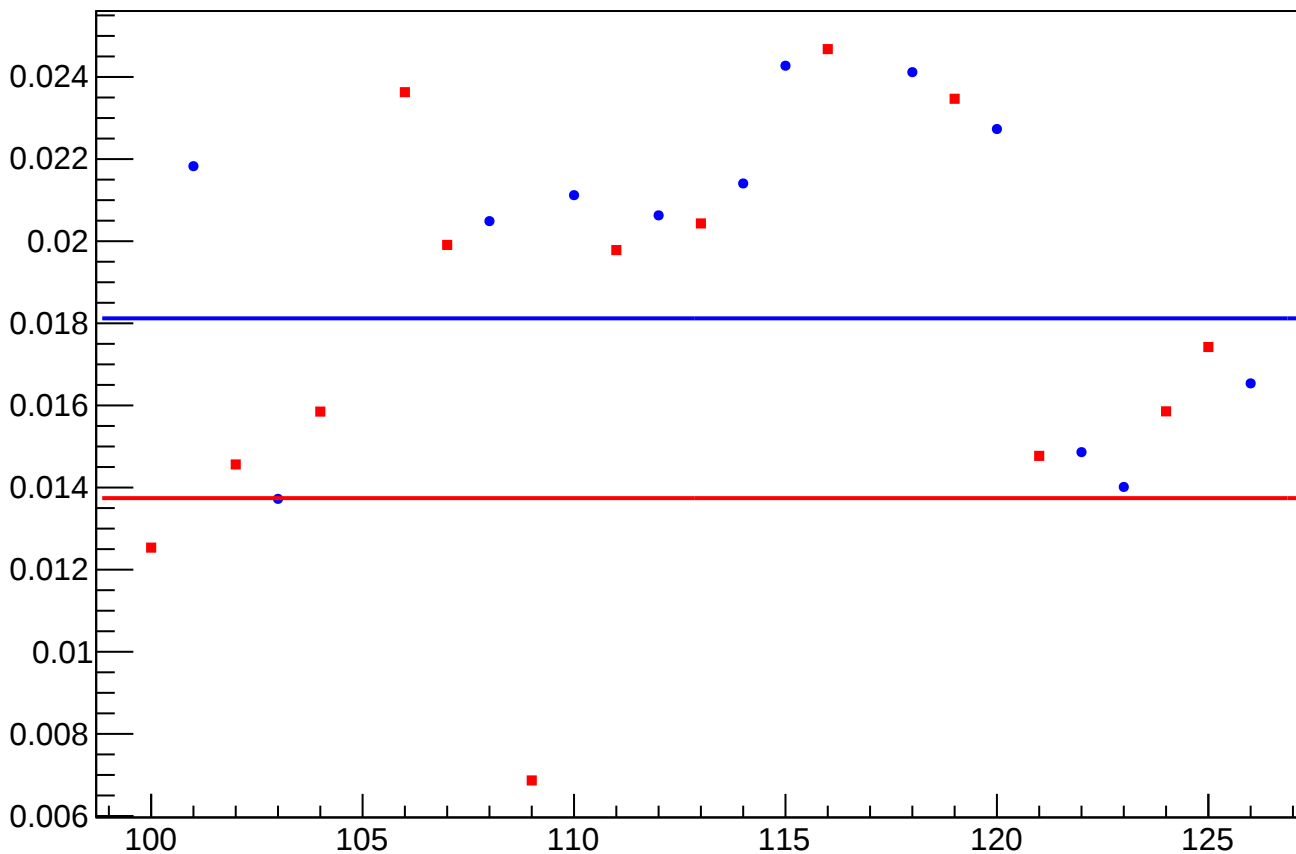
Right: 0.011+/-0.000 χ^2/NDF : 16488260895.6/24

In: -0.201+/-0.000 χ^2/NDF :4484332220.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 16488260895.6/24

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 332027.0/11

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

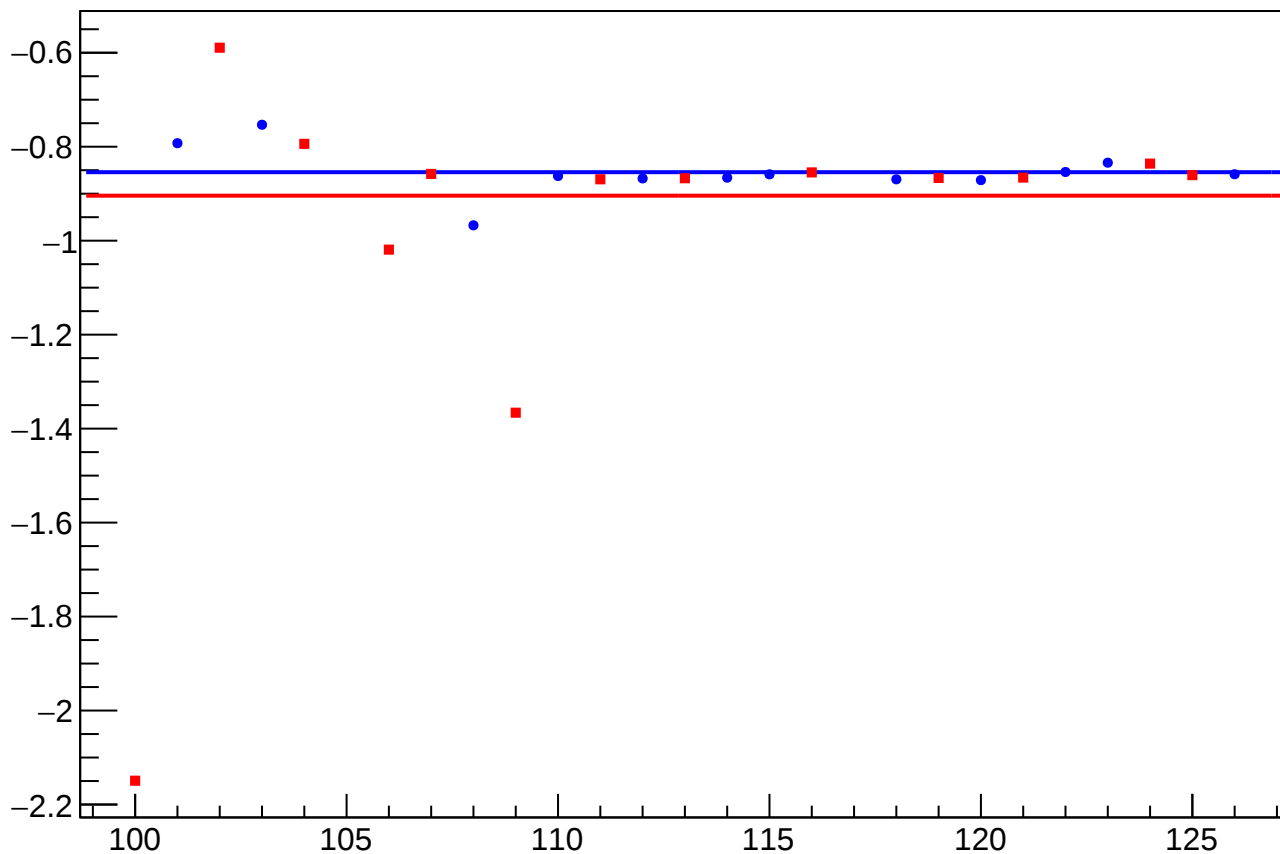
Right: 0.015+/-0.000 χ^2/NDF : 1882849.8/24

In: 0.018+/-0.000 χ^2/NDF :332027.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1882849.8/24

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.854+/-0.000 χ^2/NDF : 6288610.5/11

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

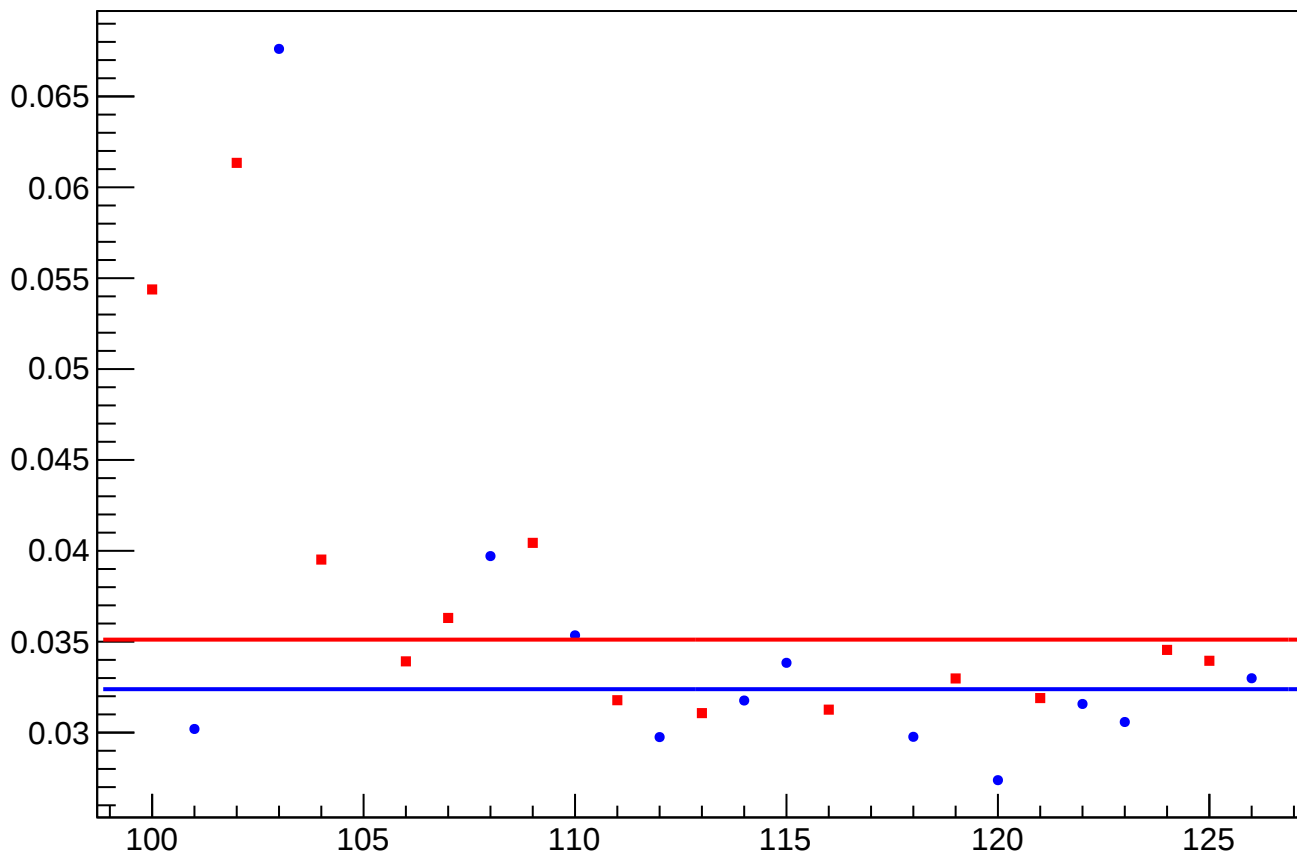
Right: -0.878+/-0.000 χ^2/NDF : 120673671.5/24

In: -0.854+/-0.000 χ^2/NDF :6288610.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.878+/-0.000 χ^2/NDF : 120673671.5/24

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.032+/-0.000 χ^2/NDF : 344705.6/11

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

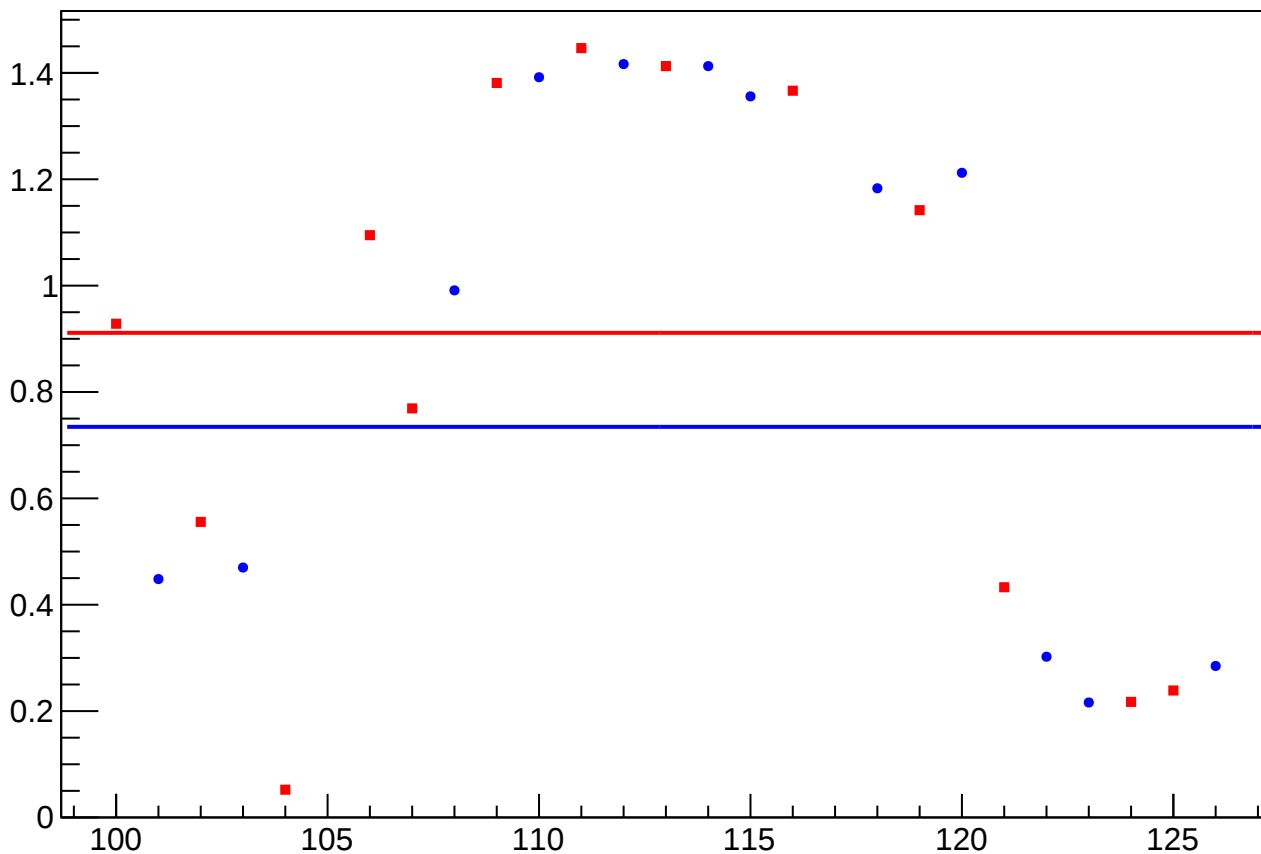
Right: 0.034+/-0.000 χ^2/NDF : 626343.7/24

In: 0.032+/-0.000 χ^2/NDF : 344705.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.034+/-0.000 χ^2/NDF : 626343.7/24

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.735+/-0.000 χ^2/NDF : 5069777040.4/11

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

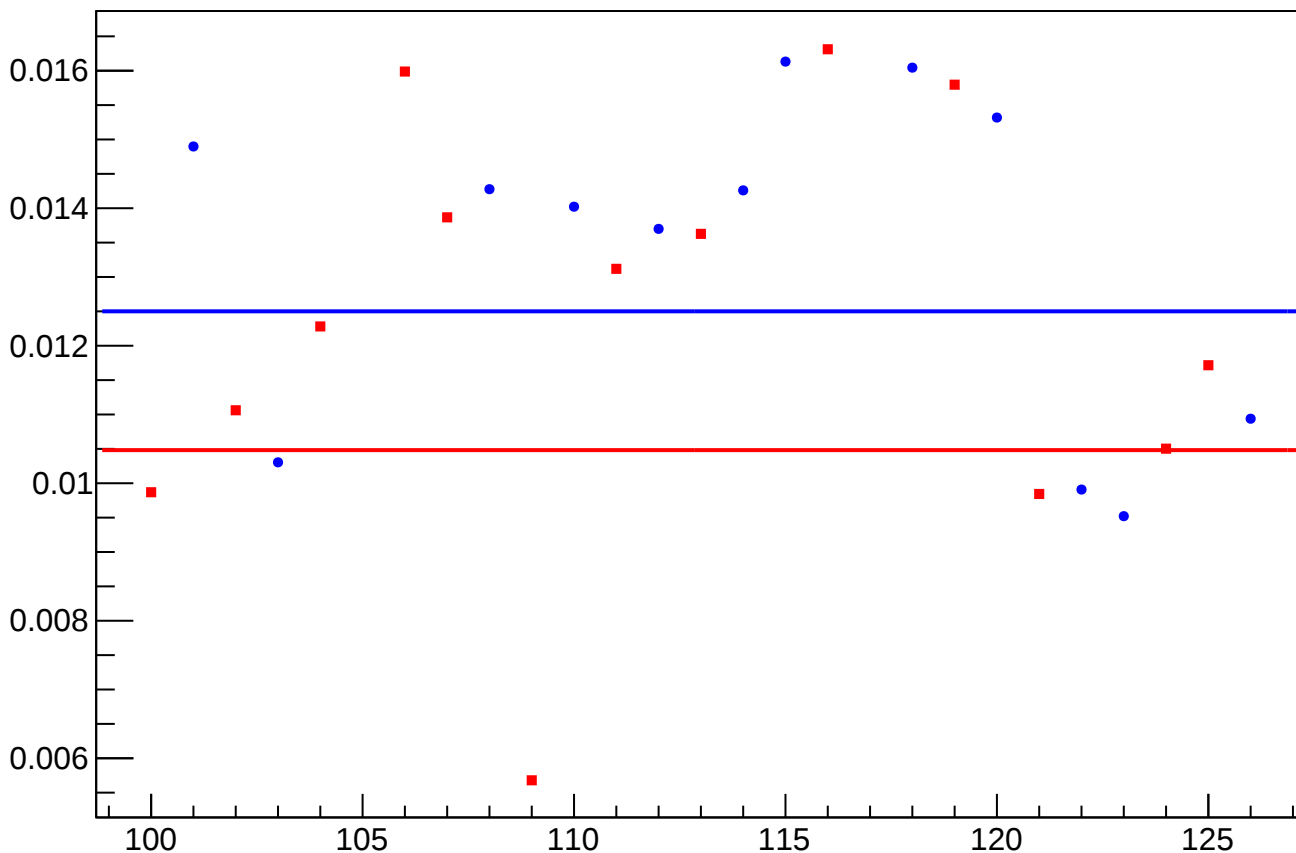
Right: 0.838+/-0.000 χ^2/NDF : 14457436513.8/24

In: 0.735+/-0.000 χ^2/NDF : 5069777040.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.838+/-0.000 χ^2/NDF : 14457436513.8/24

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 258851.1/11

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

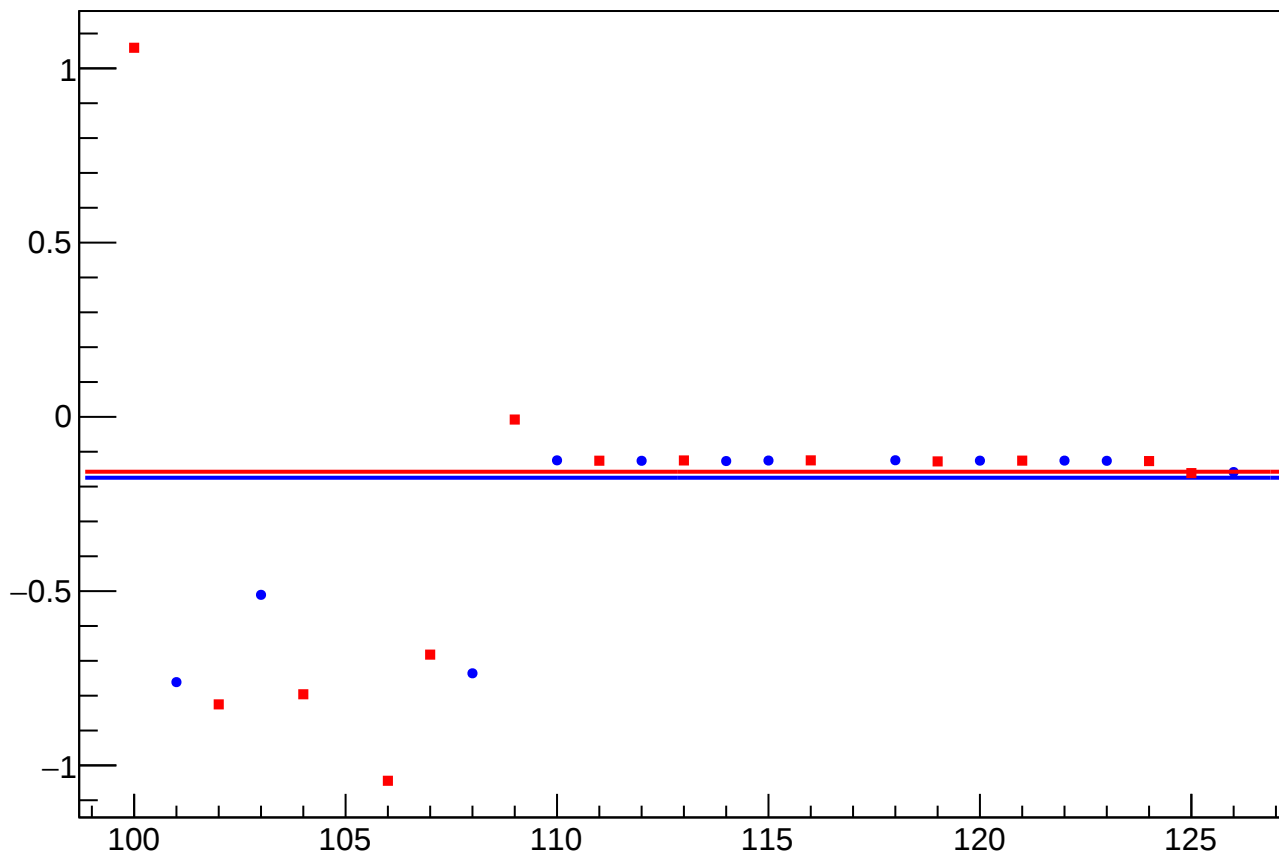
Right: 0.011+/-0.000 χ^2/NDF : 1210211.9/24

In: 0.013+/-0.000 χ^2/NDF :258851.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 1210211.9/24

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.175+/-0.000 χ^2/NDF : 354489485.1/11

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

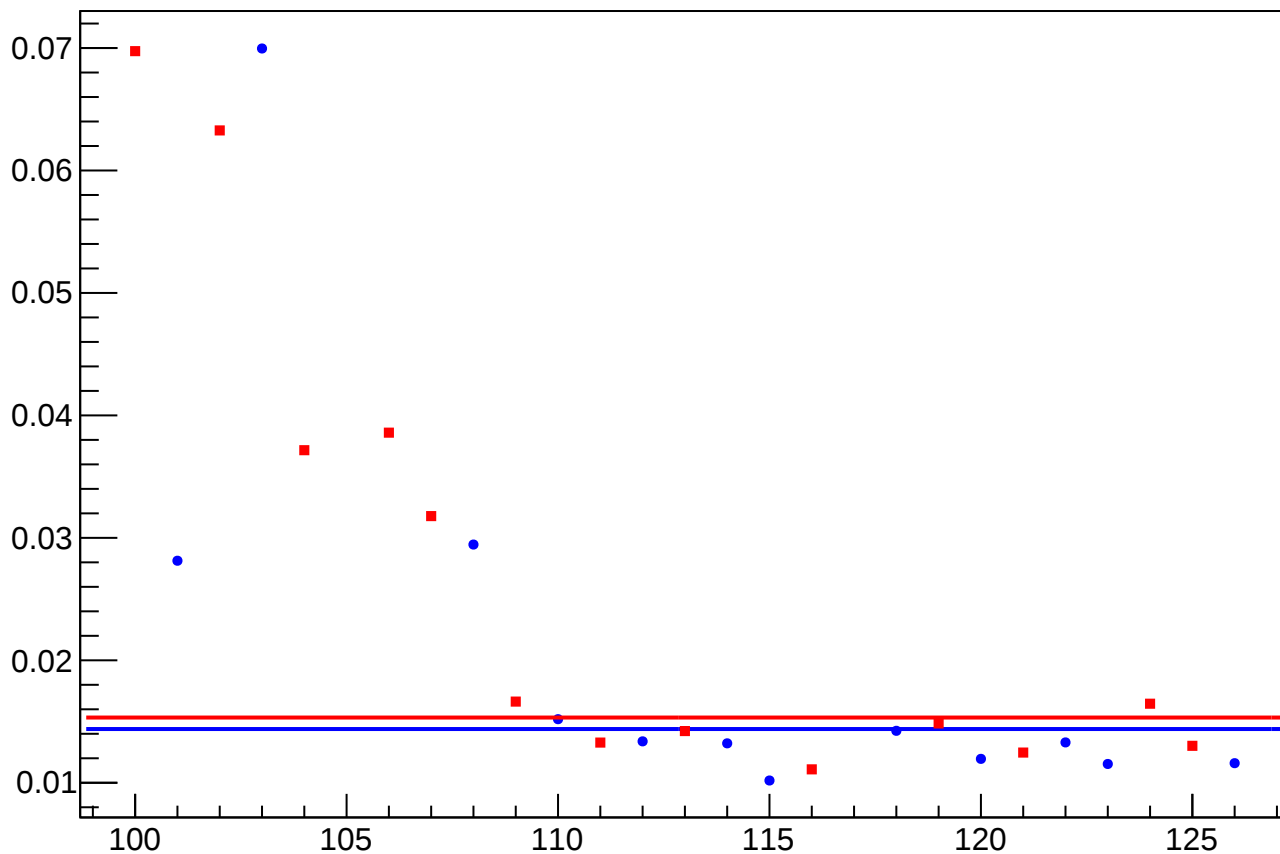
Right: -0.166+/-0.000 χ^2/NDF : 776436903.1/24

In: -0.175+/-0.000 χ^2/NDF : 354489485.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.166+/-0.000 χ^2/NDF : 776436903.1/24

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1175101.9/11

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

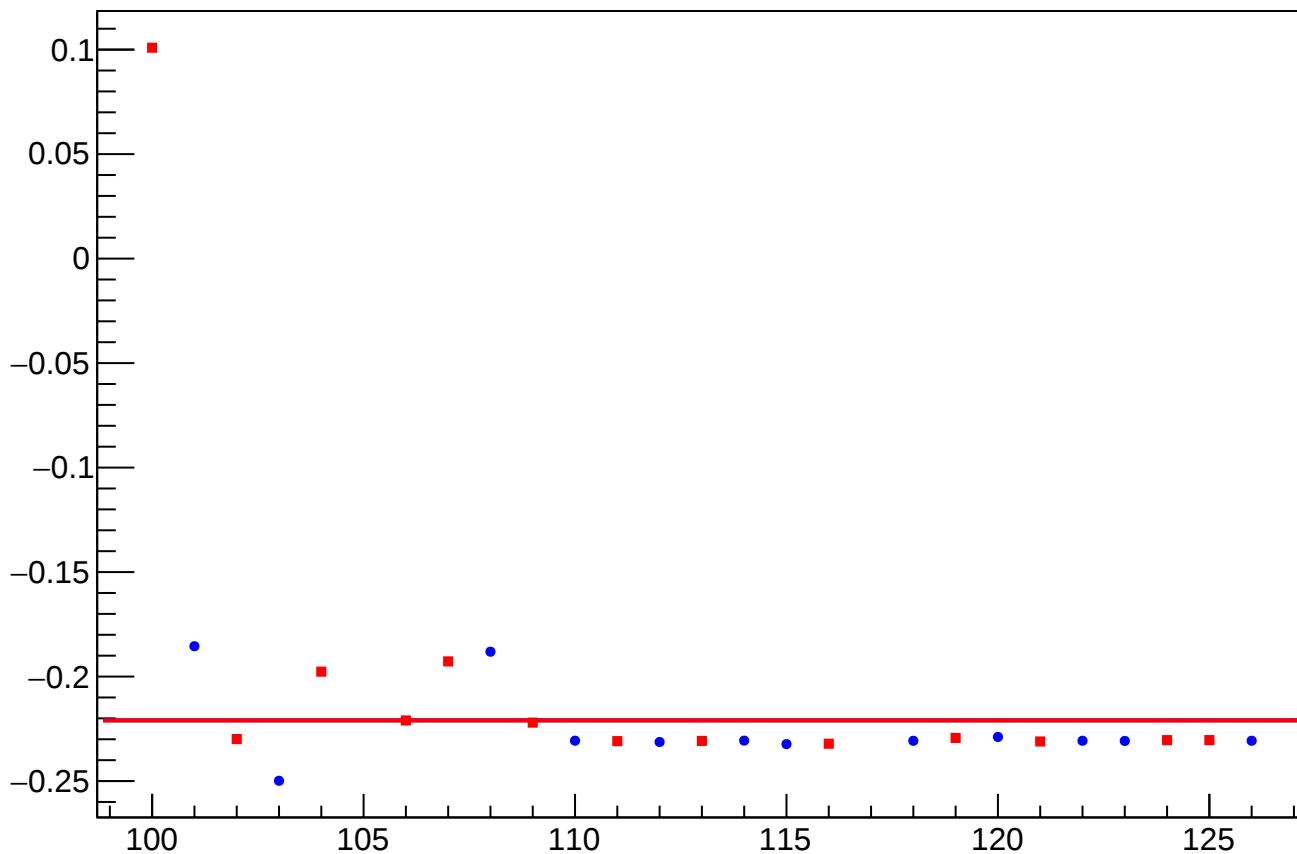
Right: 0.015+/-0.000 χ^2/NDF : 2519470.3/24

In: 0.014+/-0.000 χ^2/NDF : 1175101.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 2519470.3/24

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.221+/-0.000 χ^2/NDF : 70189083.9/11

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

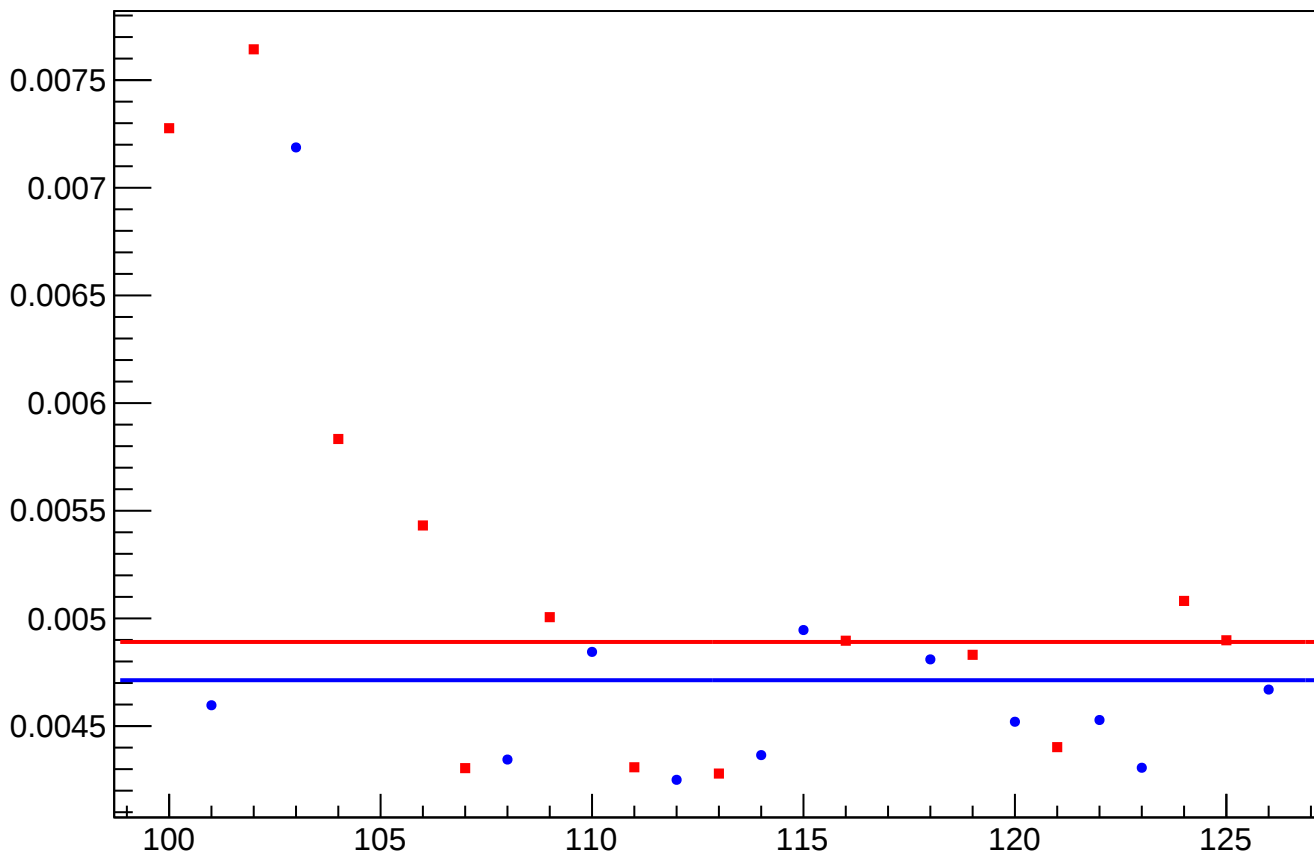
Right: -0.221+/-0.000 χ^2/NDF : 234346696.0/24

In: -0.221+/-0.000 χ^2/NDF : 70189083.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.221+/-0.000 χ^2/NDF : 234346696.0/24

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 146519.8/11

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

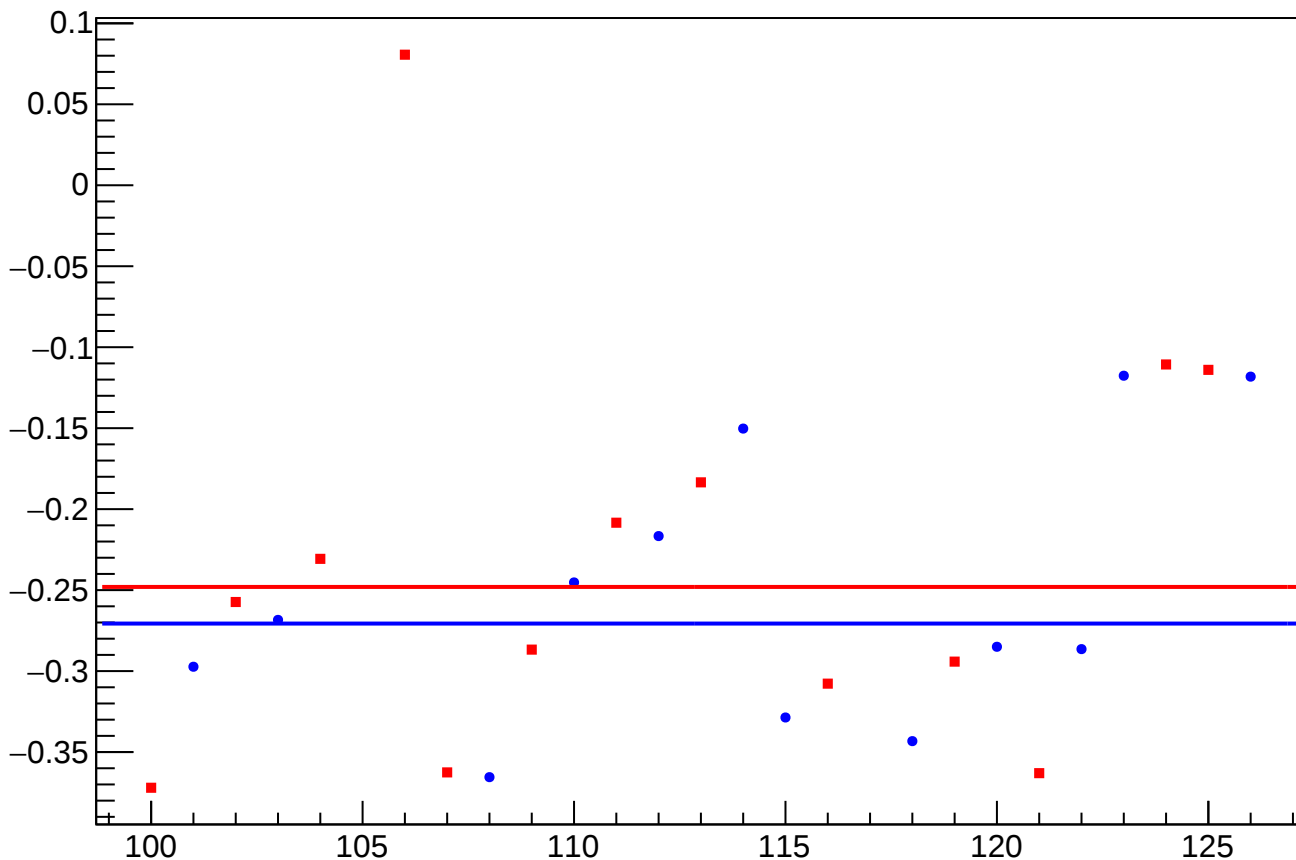
Right: 0.005+/-0.000 χ^2/NDF : 378223.2/24

In: 0.005+/-0.000 χ^2/NDF :146519.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 378223.2/24

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.271+/-0.000 χ^2/NDF : 464940385.9/11

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

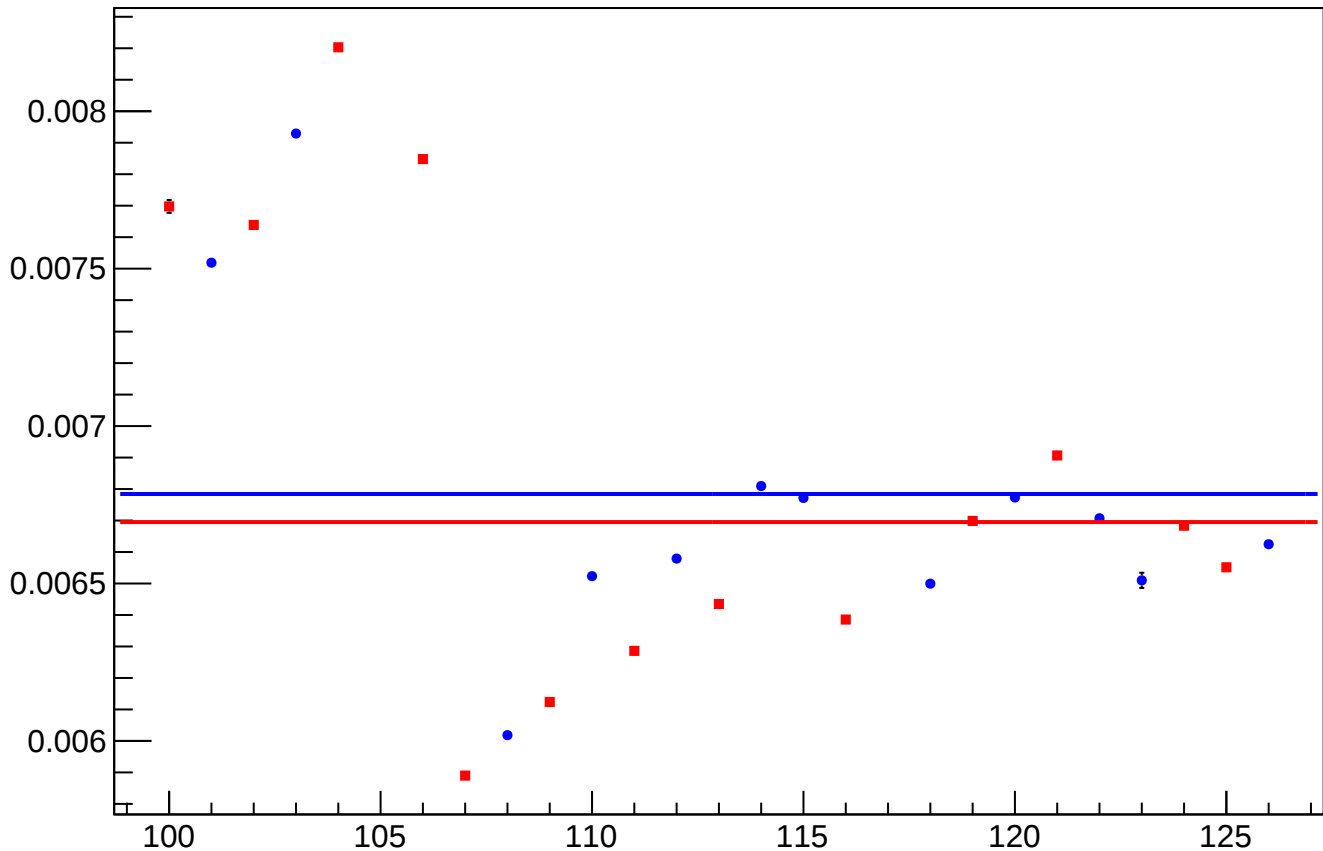
Right: -0.259+/-0.000 χ^2/NDF : 1406326676.1/24

In: -0.271+/-0.000 χ^2/NDF :464940385.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.259+/-0.000 χ^2/NDF : 1406326676.1/24

yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 51328.8/11

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

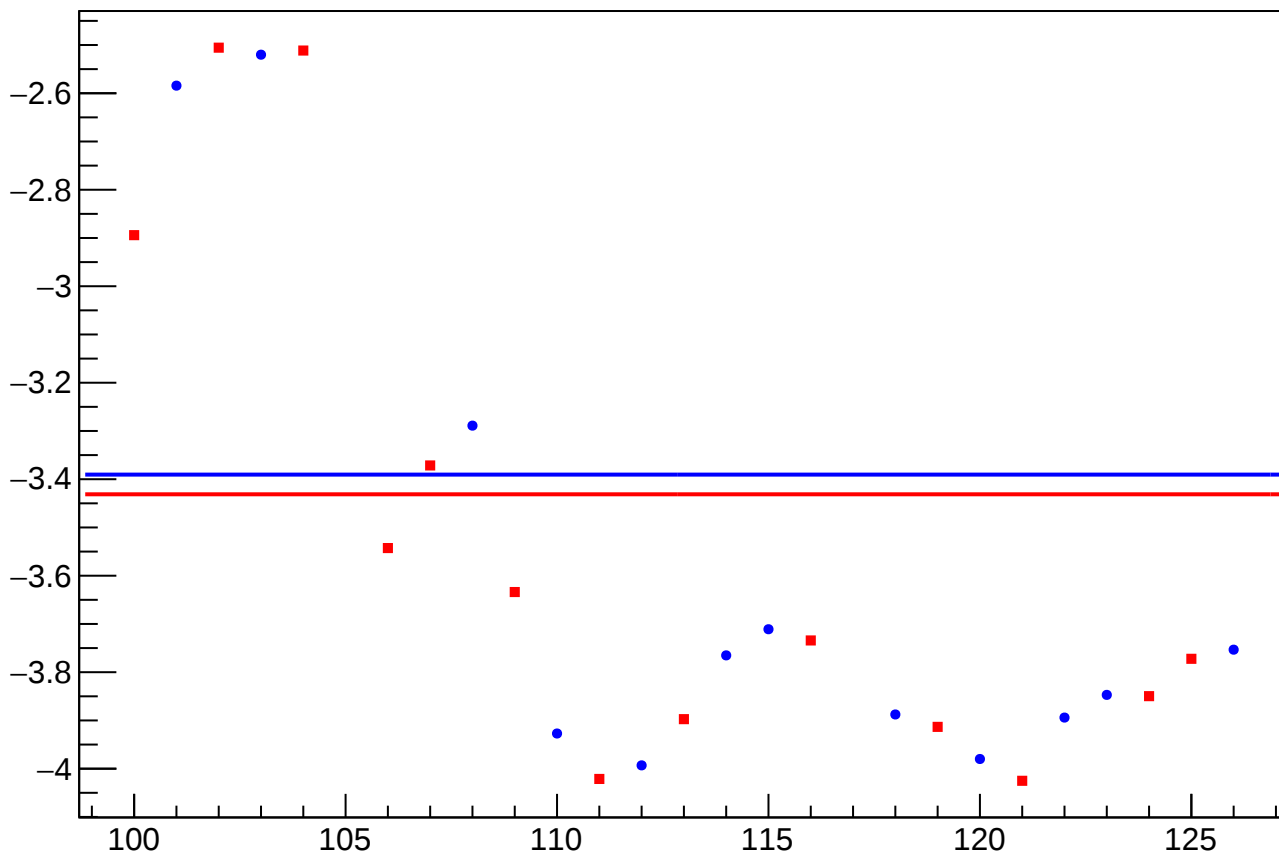
Right: 0.007+/-0.000 χ^2/NDF : 140949.6/24

In: 0.007+/-0.000 χ^2/NDF :51328.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 140949.6/24

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.390+/-0.000 χ^2/NDF : 25357458285.8/11

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

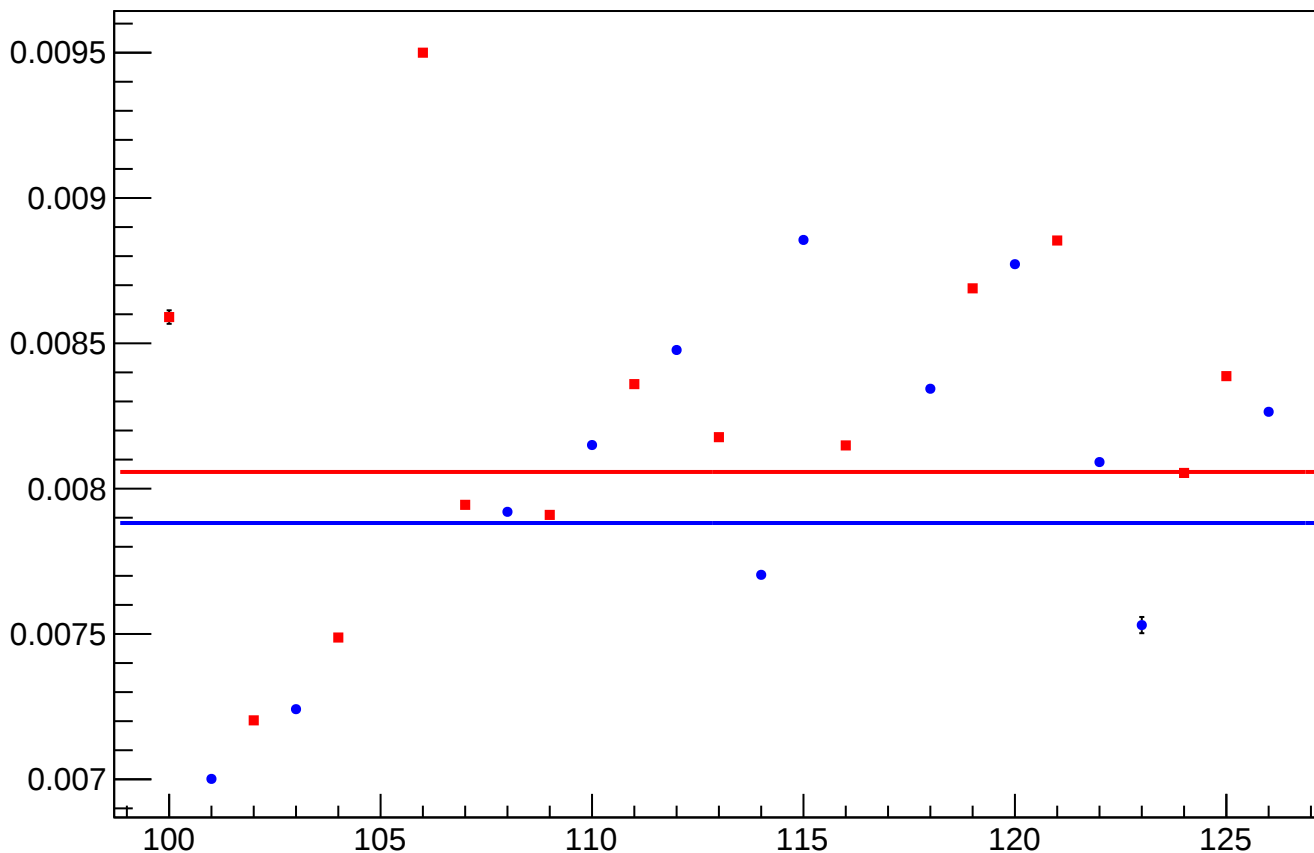
Right: -3.411+/-0.000 χ^2/NDF : 49938752756.1/24

In: -3.390+/-0.000 χ^2/NDF : 25357458285.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.411+/-0.000 χ^2/NDF : 49938752756.1/24

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 47277.2/11

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

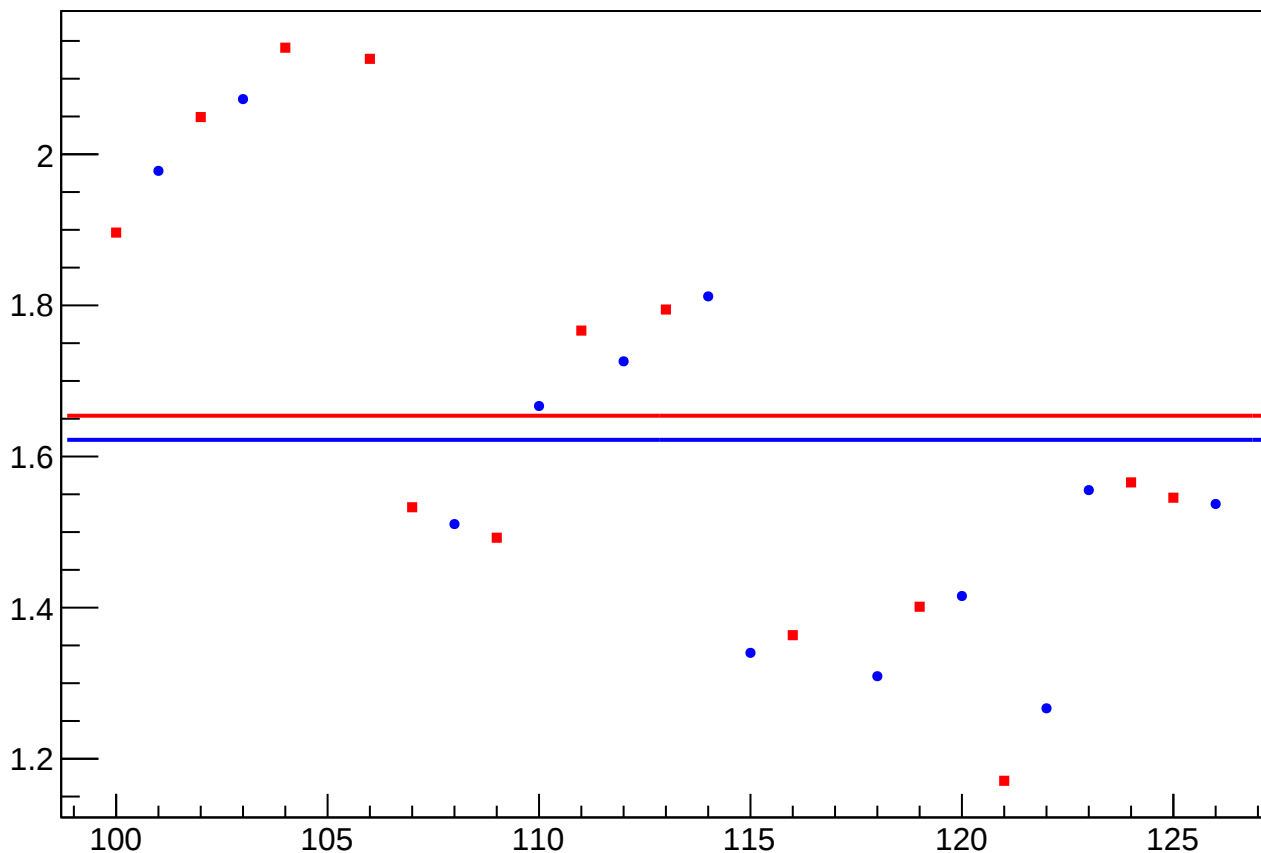
Right: 0.008+/-0.000 χ^2/NDF : 91235.3/24

In: 0.008+/-0.000 χ^2/NDF : 47277.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 91235.3/24

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.622+/-0.000 χ^2/NDF : 1966745618.8/11

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

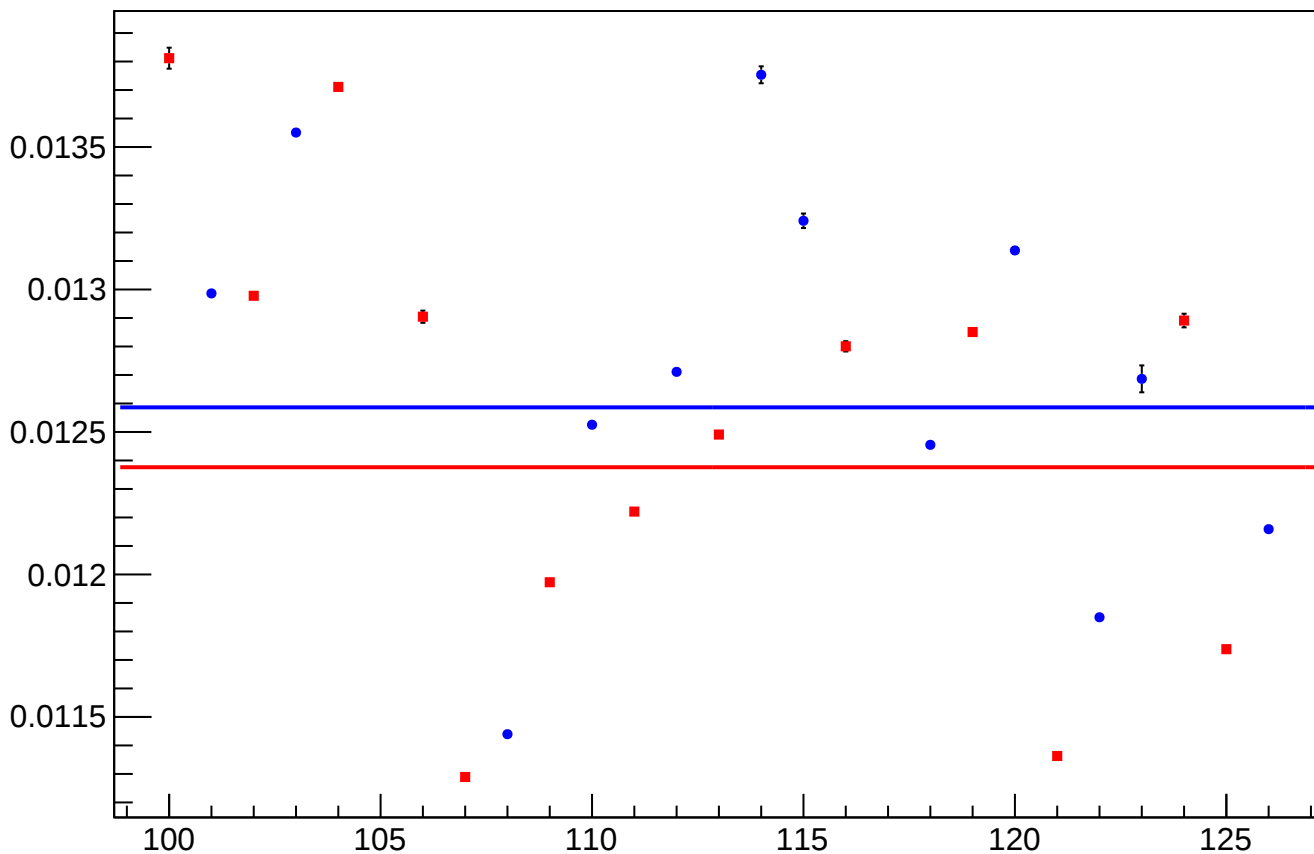
Right: 1.639+/-0.000 χ^2/NDF : 4623720615.3/24

In: 1.622+/-0.000 χ^2/NDF : 1966745618.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.639+/-0.000 χ^2/NDF : 4623720615.3/24

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 21859.2/11

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

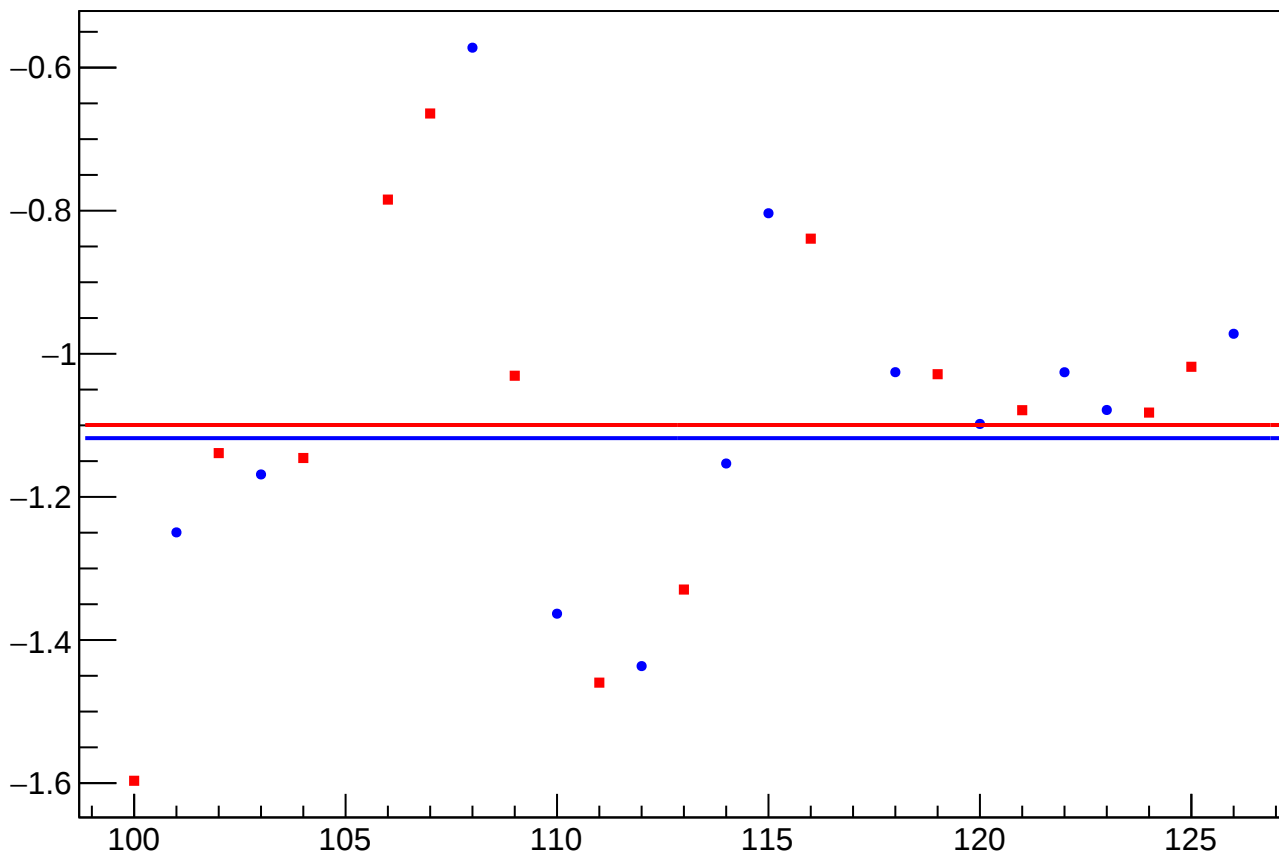
Right: 0.012+/-0.000 χ^2/NDF : 54946.0/24

In: 0.013+/-0.000 χ^2/NDF :21859.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 54946.0/24

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.118+/-0.000 χ^2/NDF : 2404594058.8/11

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

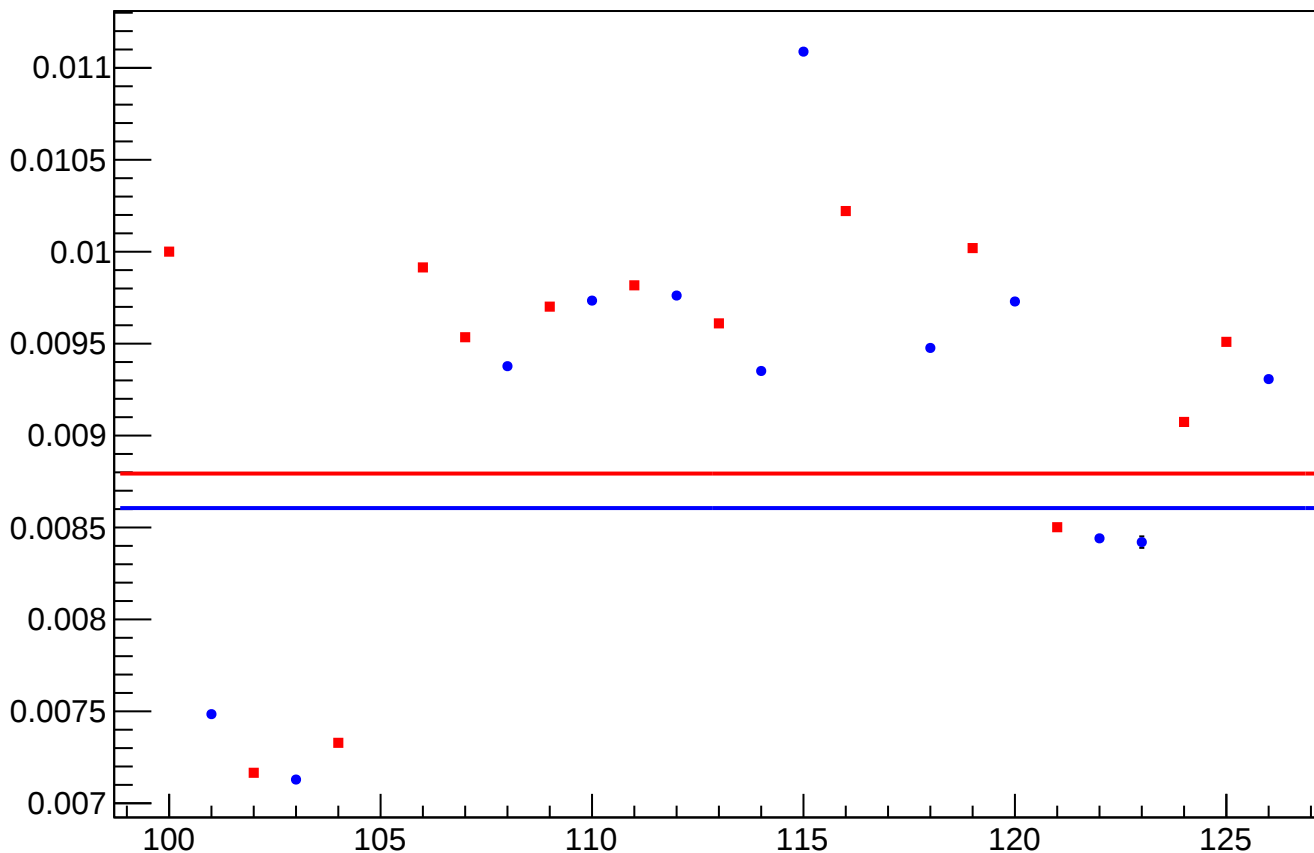
Right: -1.109+/-0.000 χ^2/NDF : 4498188340.2/24

In: -1.118+/-0.000 χ^2/NDF :2404594058.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.109+/-0.000 χ^2/NDF : 4498188340.2/24

yield_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 133954.5/11

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

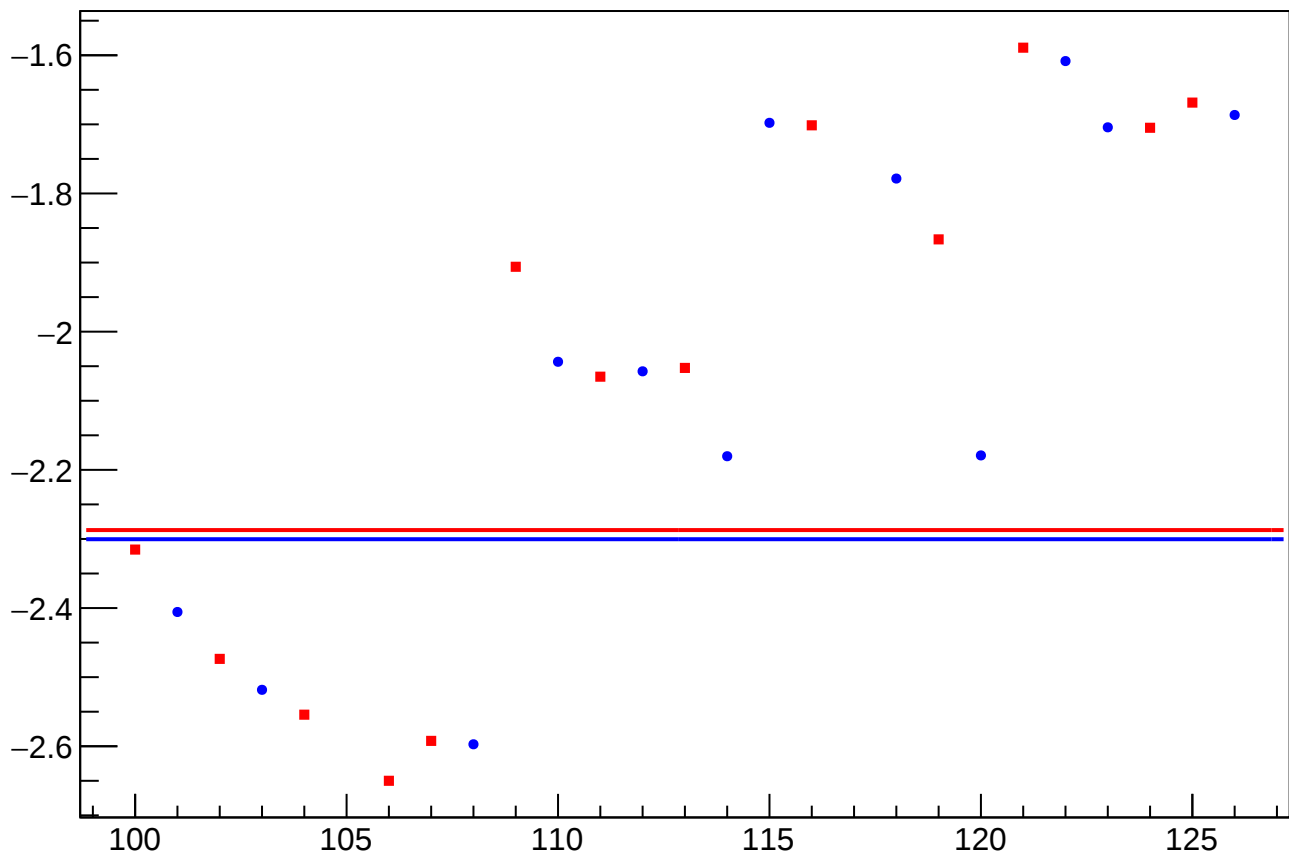
Right: 0.009+/-0.000 χ^2/NDF : 288877.0/24

In: 0.009+/-0.000 χ^2/NDF : 133954.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 288877.0/24

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.300+/-0.000 χ^2/NDF : 6749168562.6/11

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

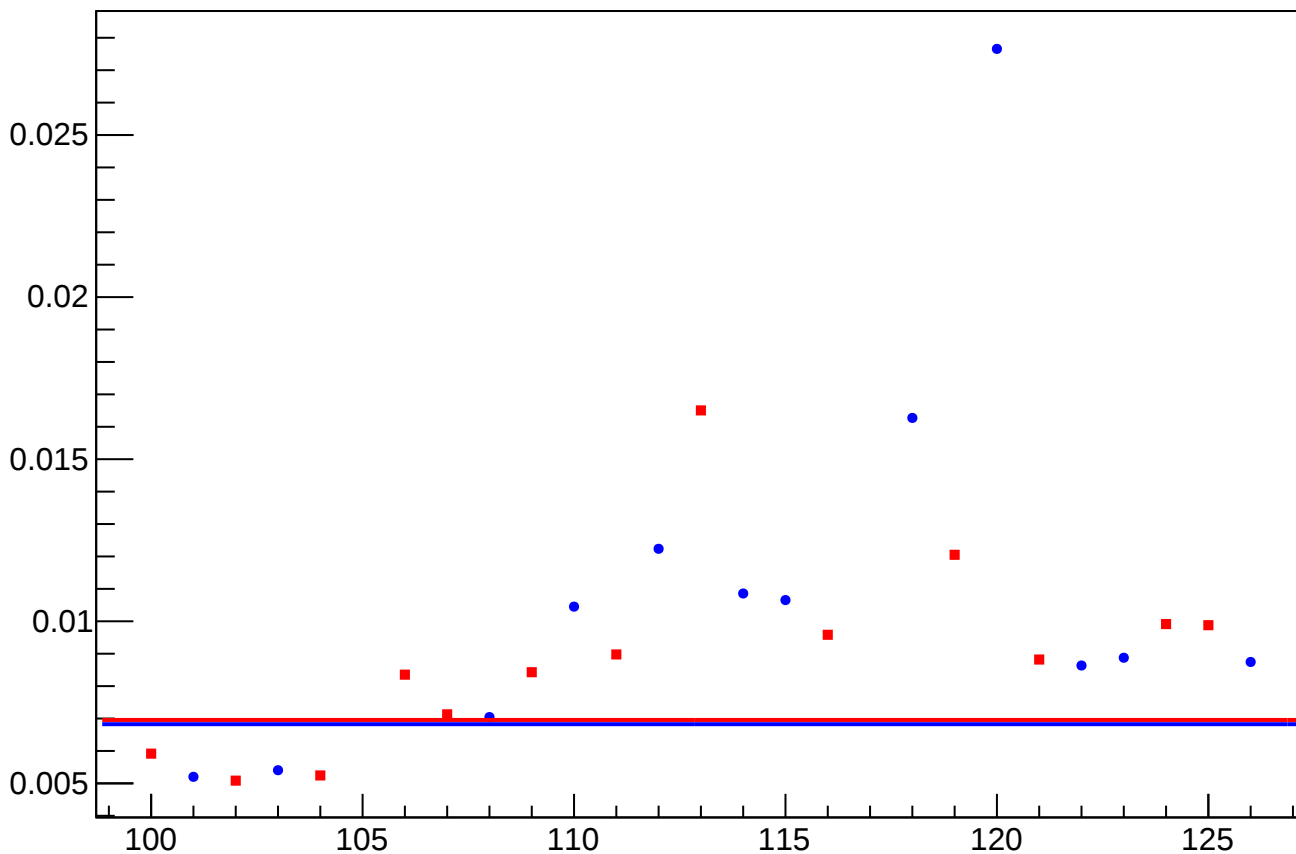
Right: -2.293+/-0.000 χ^2/NDF : 15635960697.0/24

In: -2.300+/-0.000 χ^2/NDF :6749168562.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.293+/-0.000 χ^2/NDF : 15635960697.0/24

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 952198.5/11

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

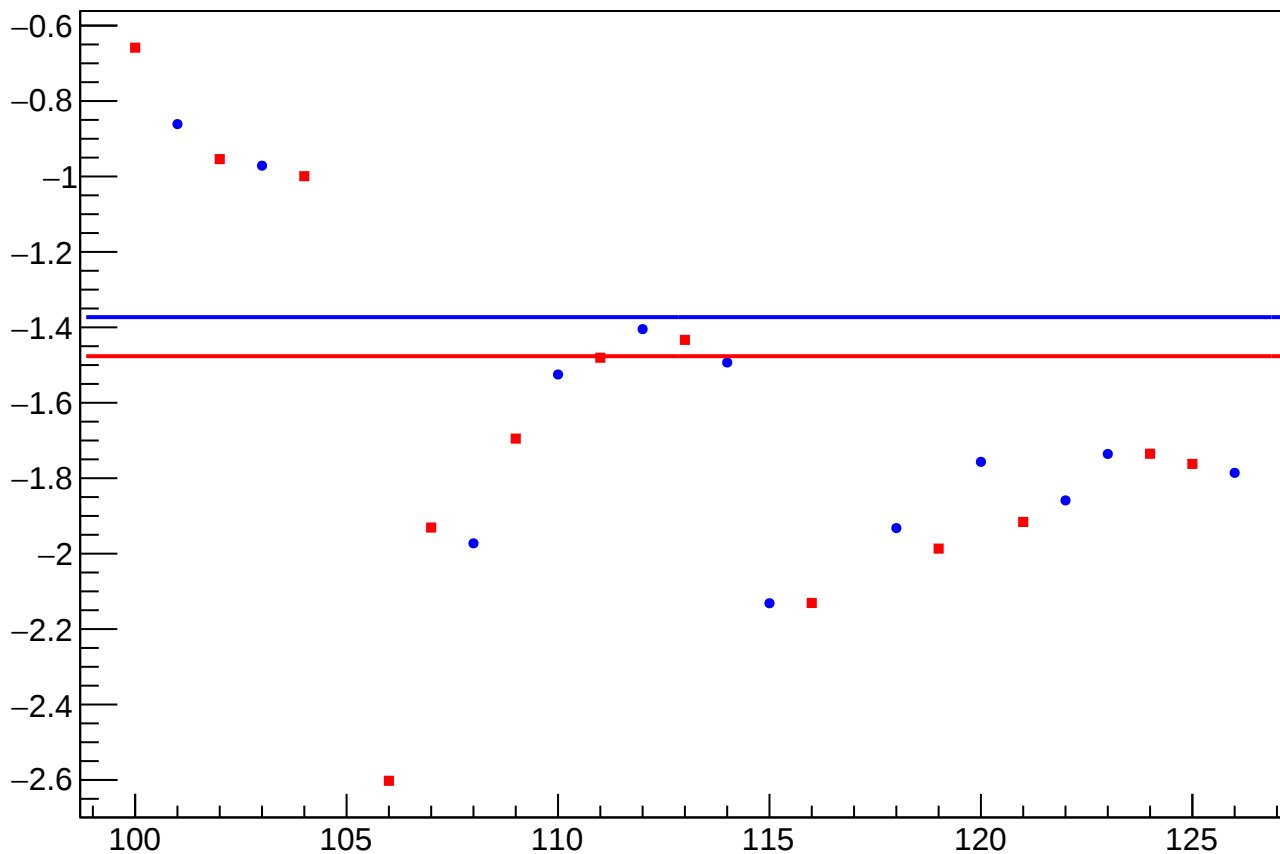
Right: 0.007+/-0.000 χ^2/NDF : 1693993.6/24

In: 0.007+/-0.000 χ^2/NDF : 952198.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 1693993.6/24

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.373+/-0.000 χ^2/NDF : 16849281618.9/11

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

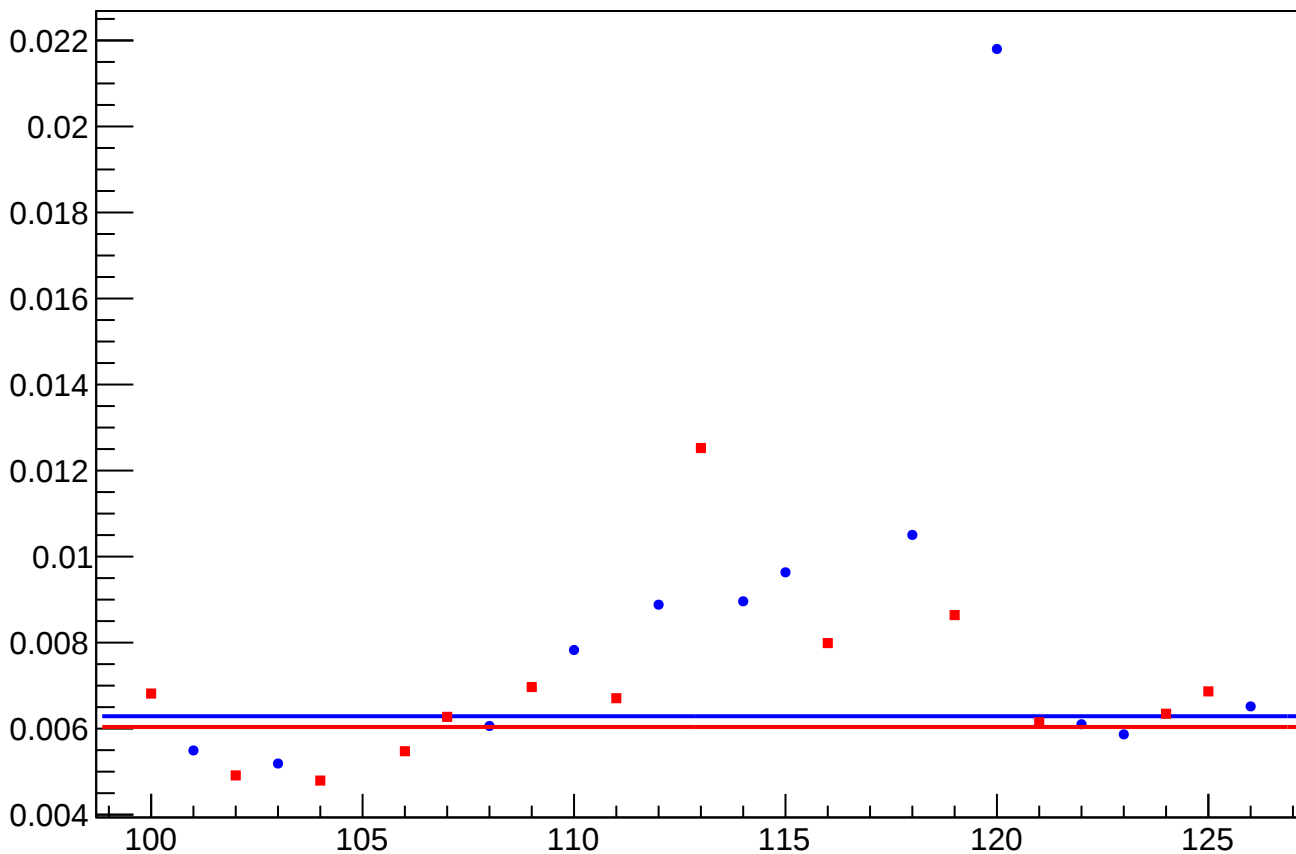
Right: -1.431+/-0.000 χ^2/NDF : 41114151195.1/24

In: -1.373+/-0.000 χ^2/NDF :16849281618.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.431+/-0.000 χ^2/NDF : 41114151195.1/24

yield_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 517212.5/11

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

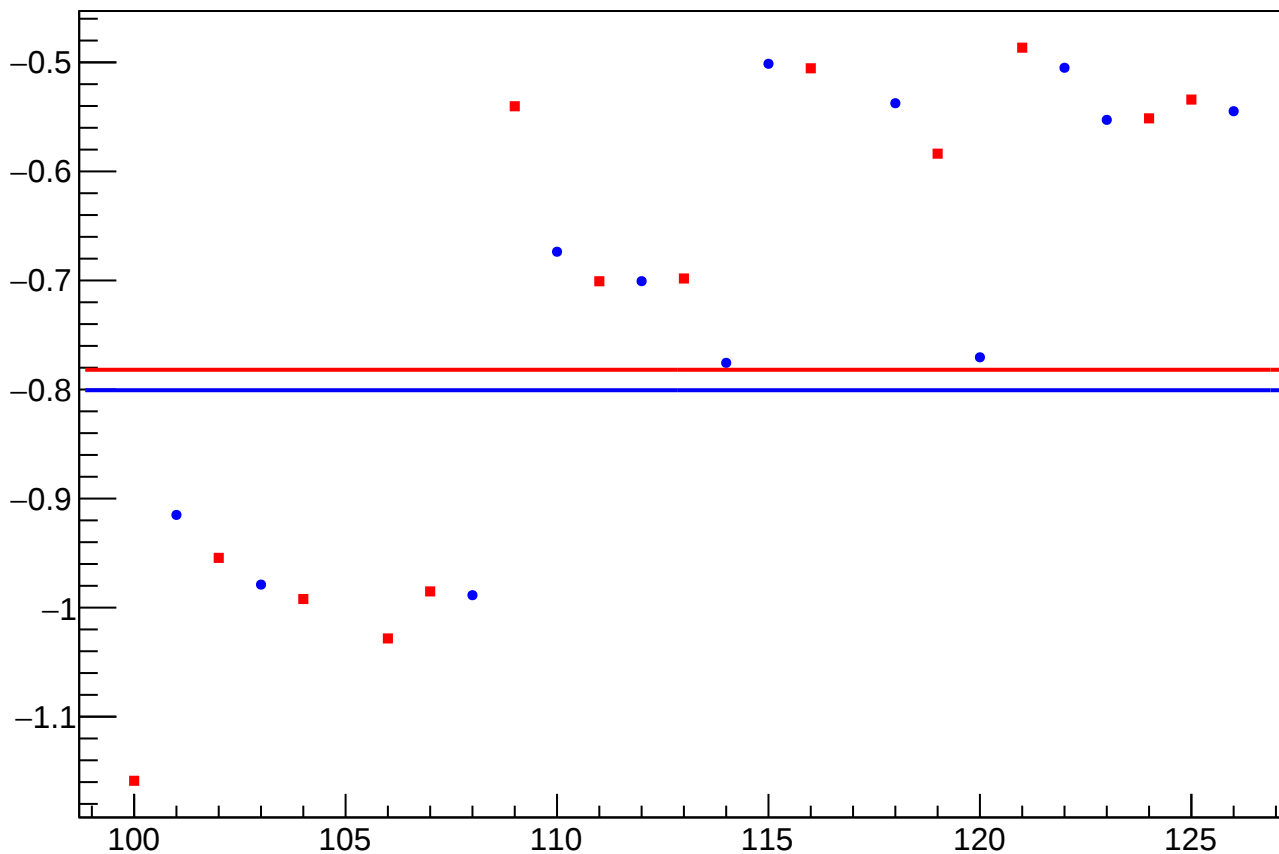
Right: 0.006+/-0.000 χ^2/NDF : 878145.0/24

In: 0.006+/-0.000 χ^2/NDF :517212.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 878145.0/24

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.801+/-0.000 χ^2/NDF : 4837289969.7/11

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

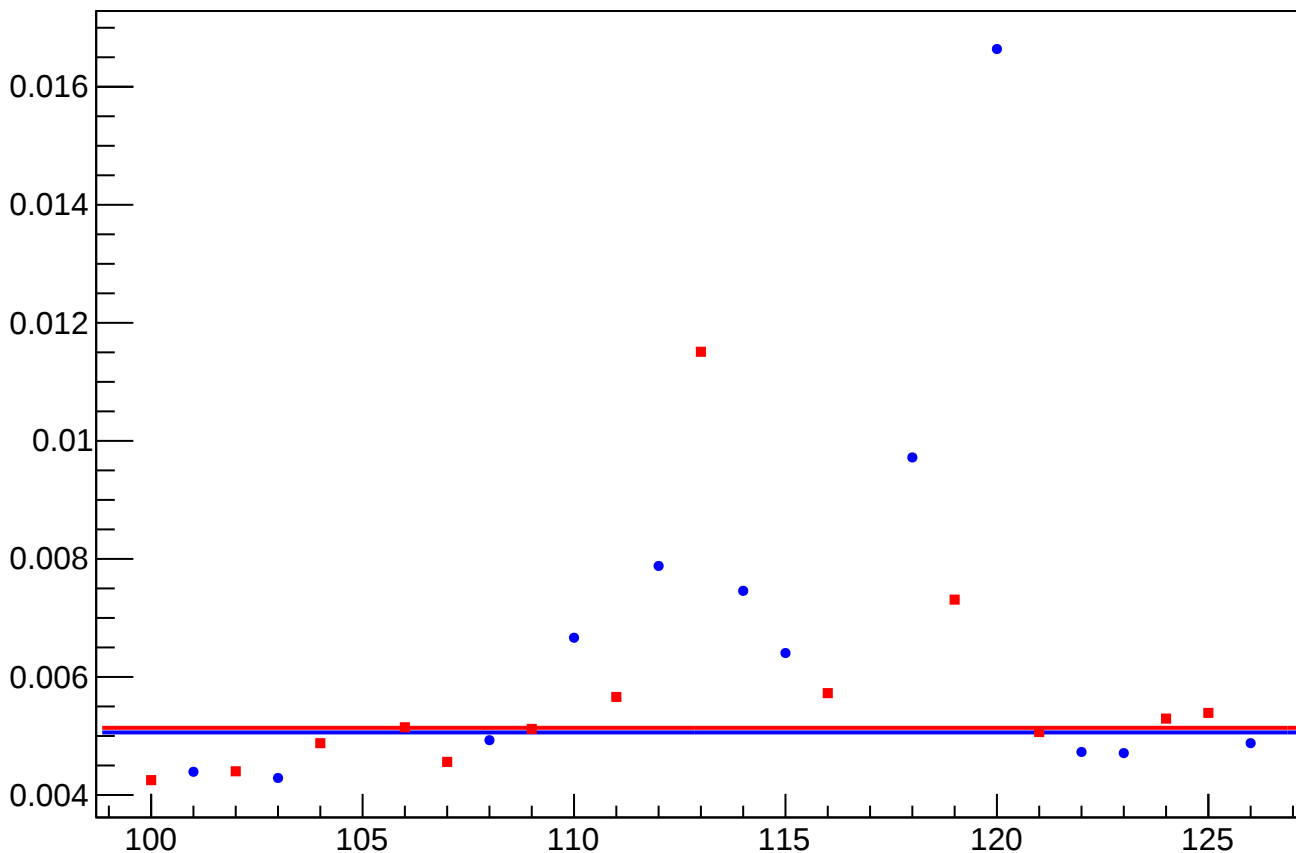
Right: -0.791+/-0.000 χ^2/NDF : 11903662542.8/24

In: -0.801+/-0.000 χ^2/NDF :4837289969.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.791+/-0.000 χ^2/NDF : 11903662542.8/24

yield_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 584906.5/11

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

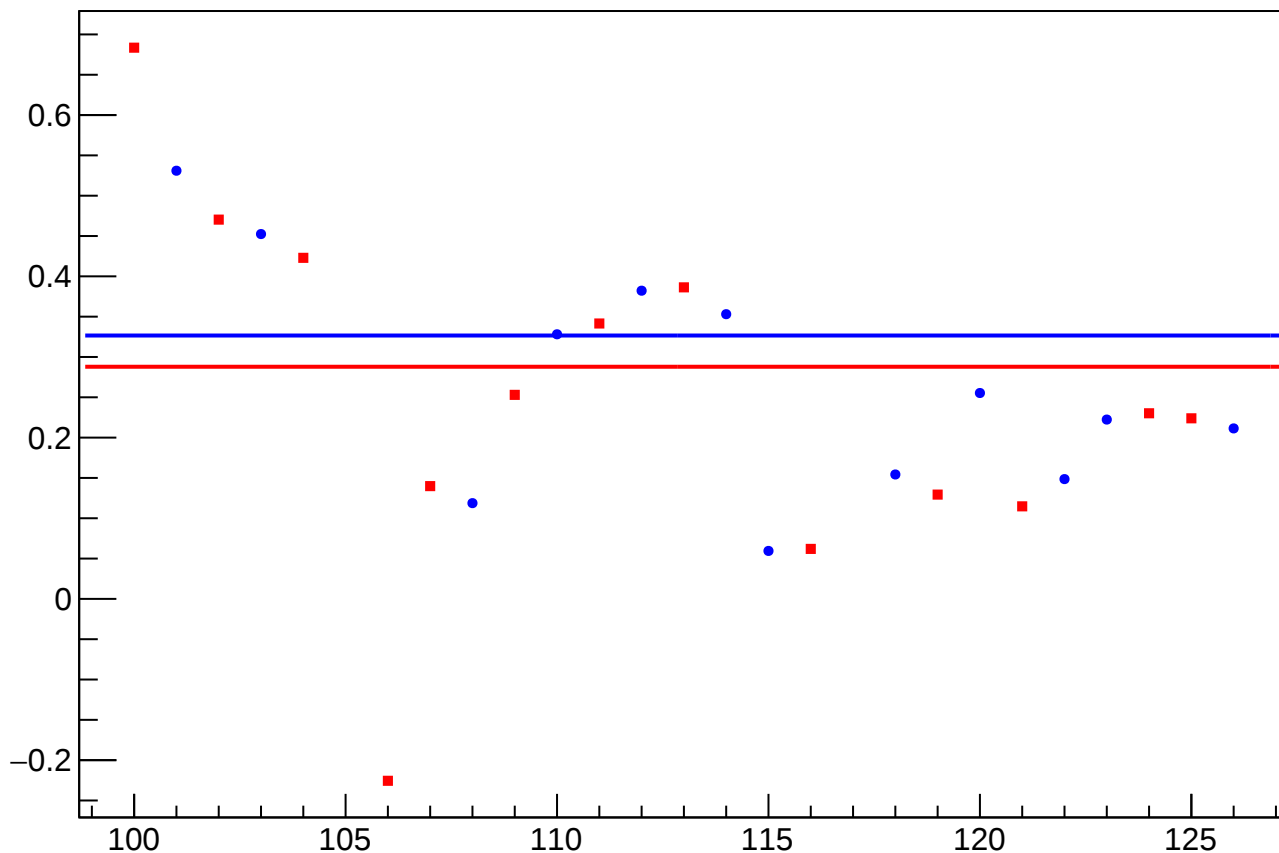
Right: 0.005+/-0.000 χ^2/NDF : 872955.2/24

In: 0.005+/-0.000 χ^2/NDF : 584906.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 872955.2/24

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.327+/-0.000 χ^2/NDF : 5034843559.4/11

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

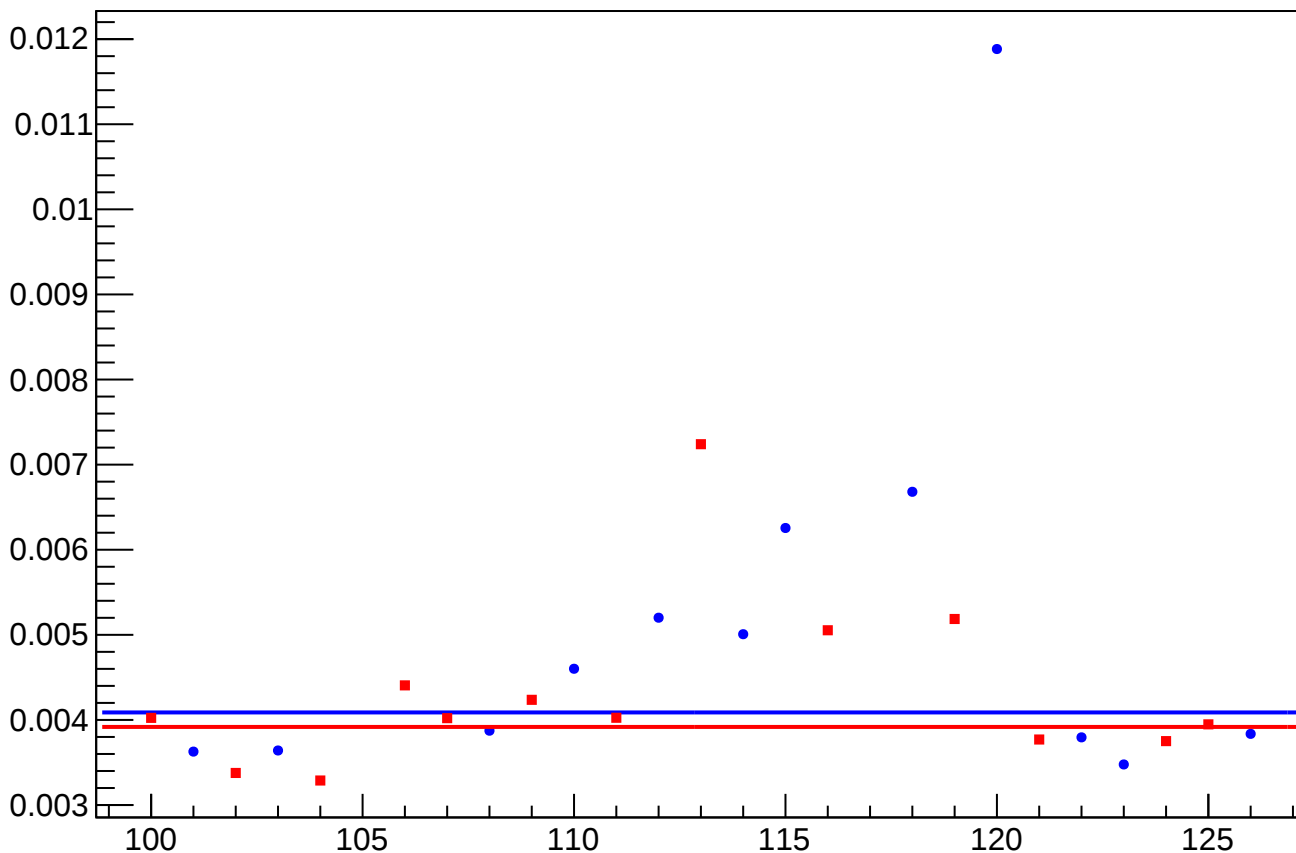
Right: 0.305+/-0.000 χ^2/NDF : 12157999021.0/24

In: 0.327+/-0.000 χ^2/NDF : 5034843559.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.305+/-0.000 χ^2/NDF : 12157999021.0/24

yield_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 431235.7/11

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

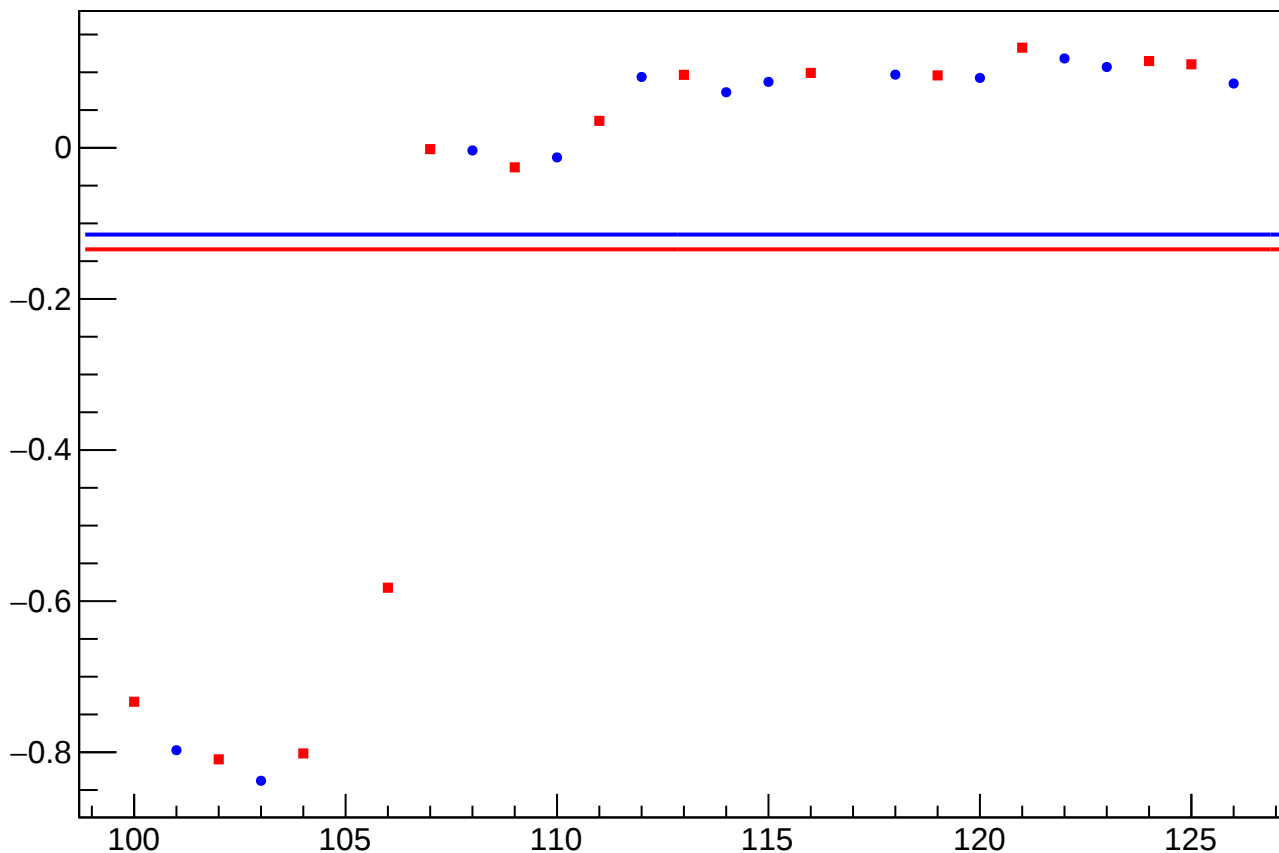
Right: 0.004+/-0.000 χ^2/NDF : 672879.3/24

In: 0.004+/-0.000 χ^2/NDF :431235.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 672879.3/24

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.115+/-0.000 χ^2/NDF : 4861257778.4/11

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

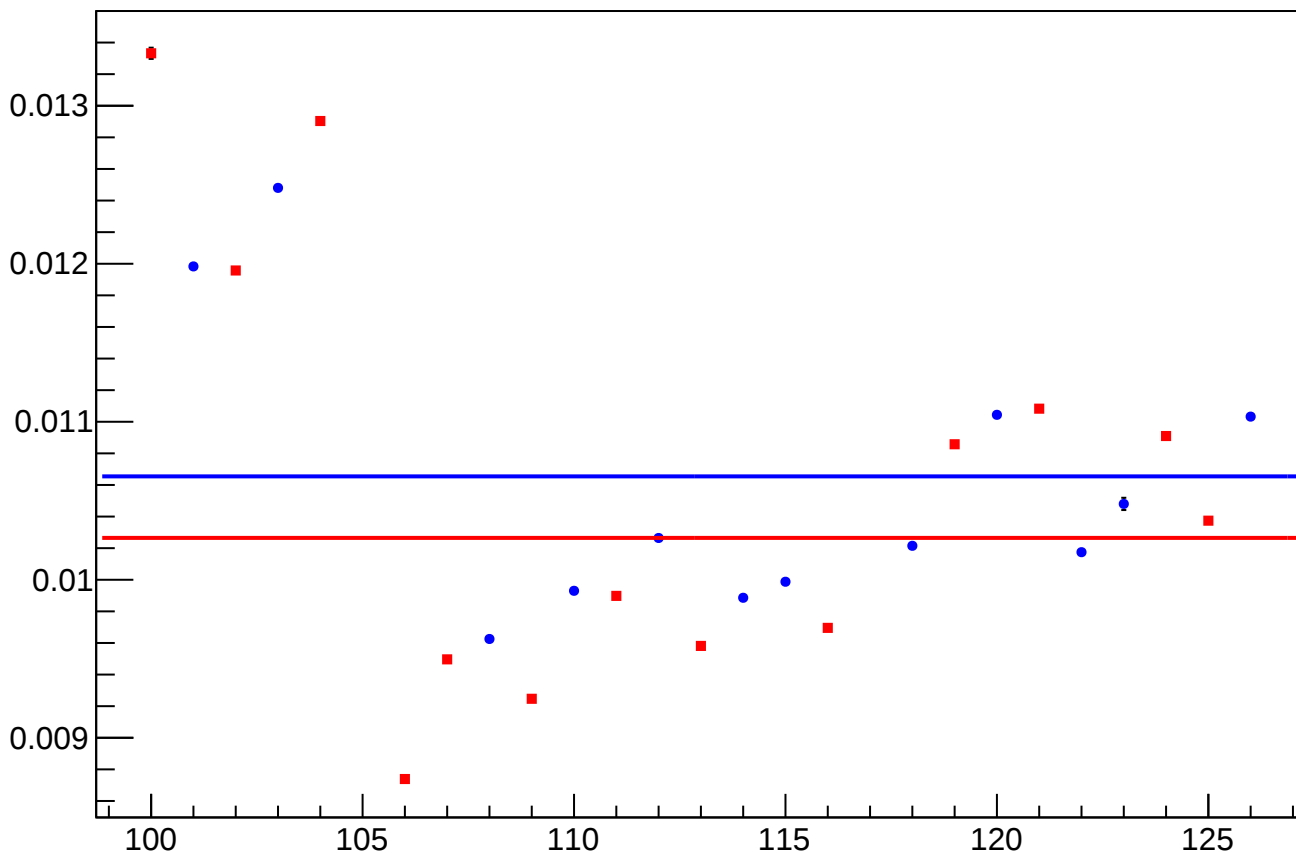
Right: -0.125+/-0.000 χ^2/NDF : 10234963357.2/24

In: -0.115+/-0.000 χ^2/NDF :4861257778.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.125+/-0.000 χ^2/NDF : 10234963357.2/24

yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 60186.6/11

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

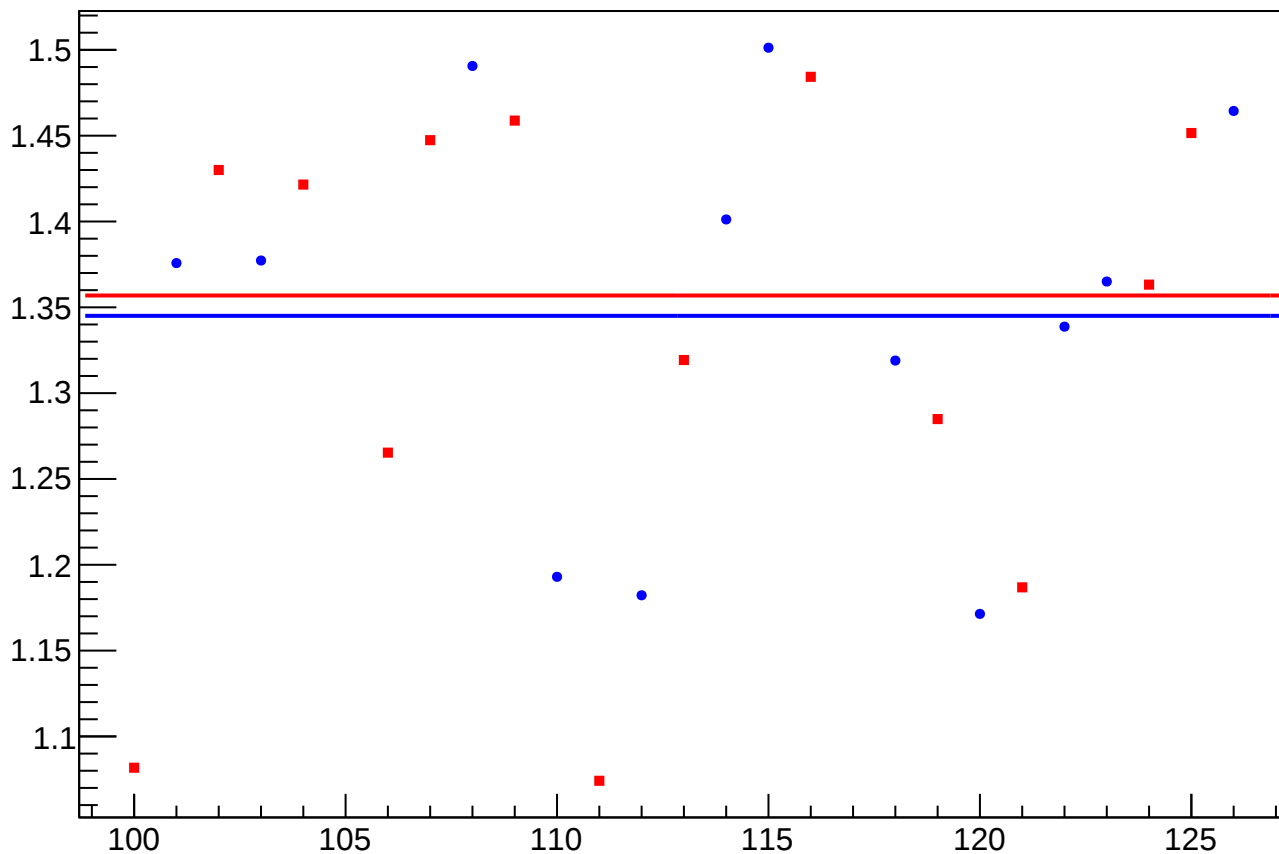
Right: 0.010+/-0.000 χ^2/NDF : 187974.9/24

In: 0.011+/-0.000 χ^2/NDF : 60186.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 187974.9/24

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.345+/-0.000 χ^2/NDF : 819582565.6/11

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

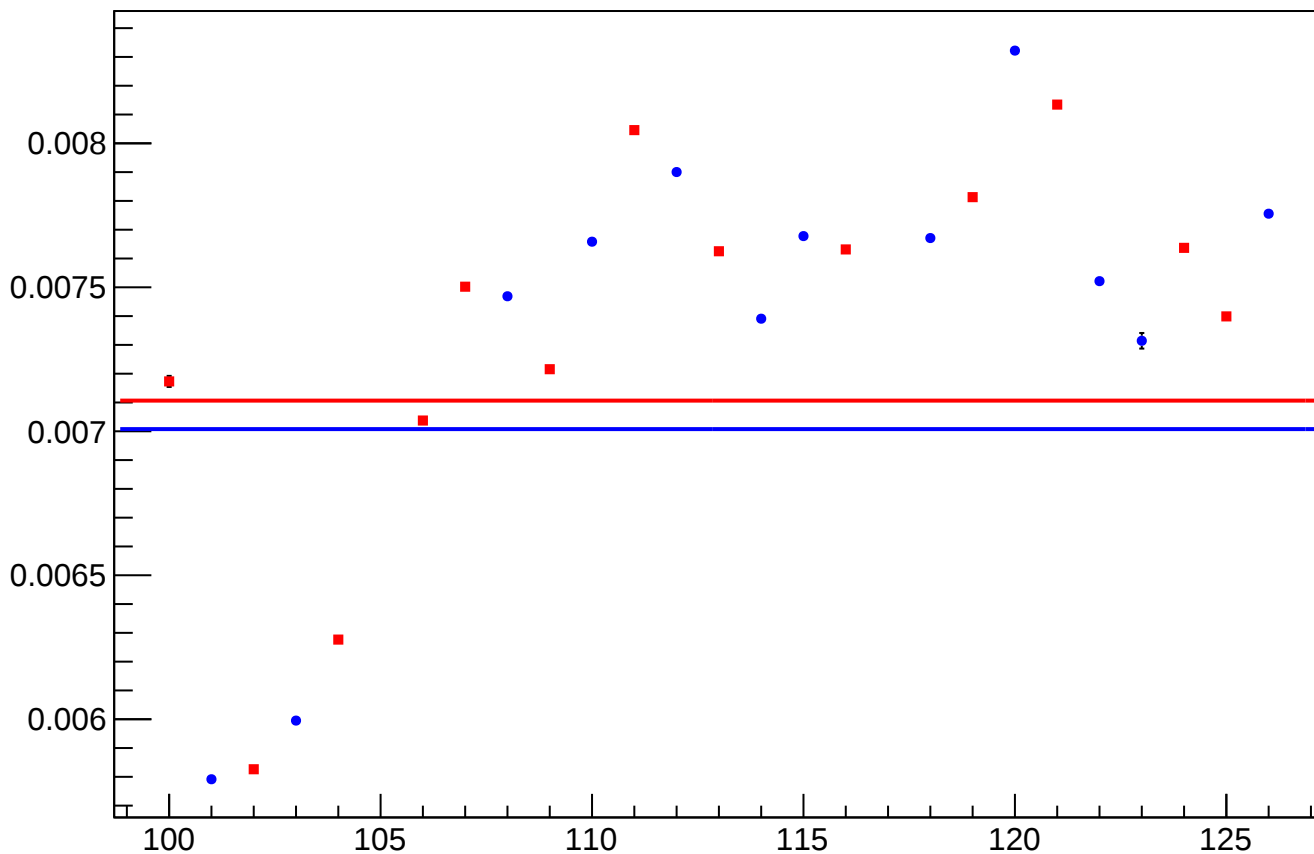
Right: 1.351+/-0.000 χ^2/NDF : 2141916380.2/24

In: 1.345+/-0.000 χ^2/NDF : 819582565.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.351+/-0.000 χ^2/NDF : 2141916380.2/24

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 140559.3/11

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

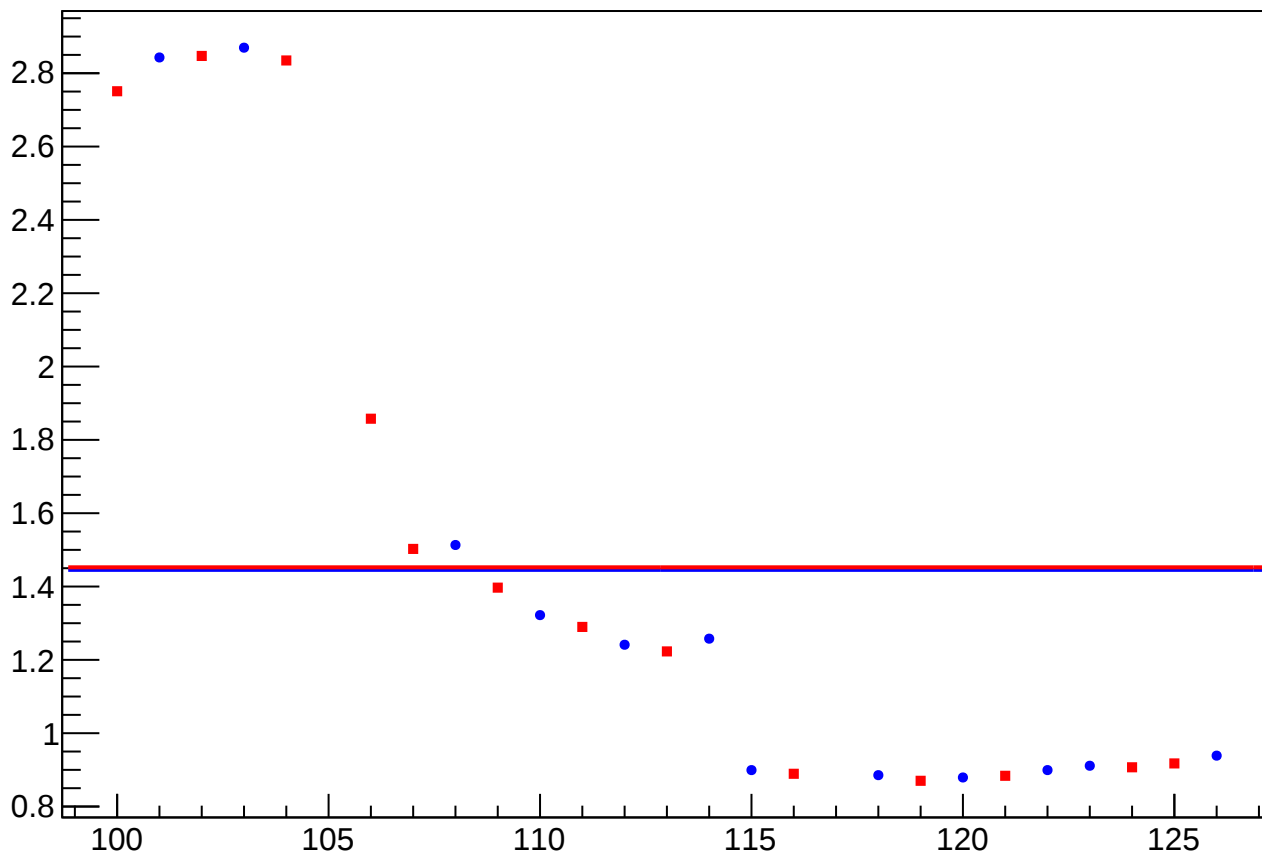
Right: 0.007+/-0.000 χ^2/NDF : 254021.9/24

In: 0.007+/-0.000 χ^2/NDF :140559.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 254021.9/24

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 1.445+/-0.000 χ^2/NDF : 46866607131.9/11

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

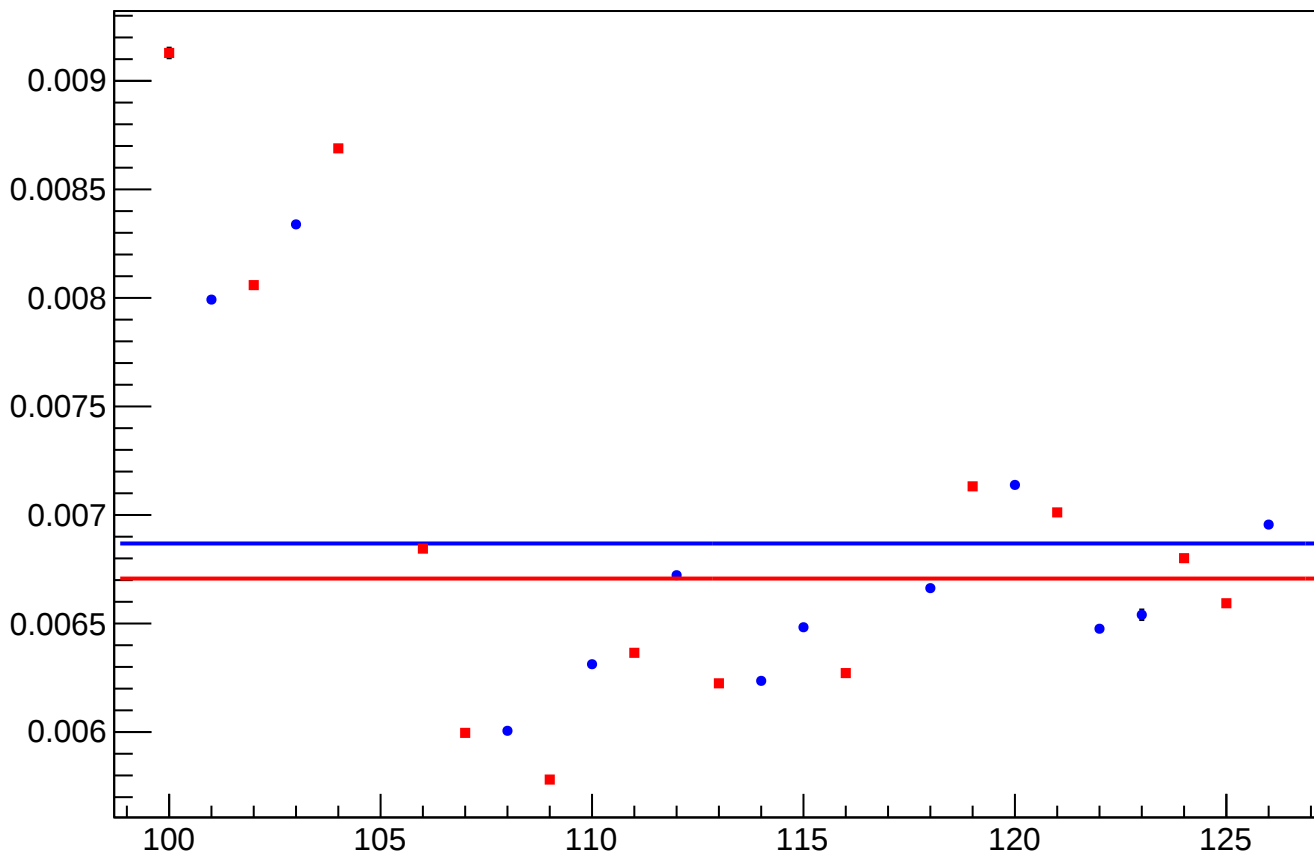
Right: 1.449+/-0.000 χ^2/NDF : 90080465220.3/24

In: 1.445+/-0.000 χ^2/NDF :46866607131.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.449+/-0.000 χ^2/NDF : 90080465220.3/24

yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 88063.4/11

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

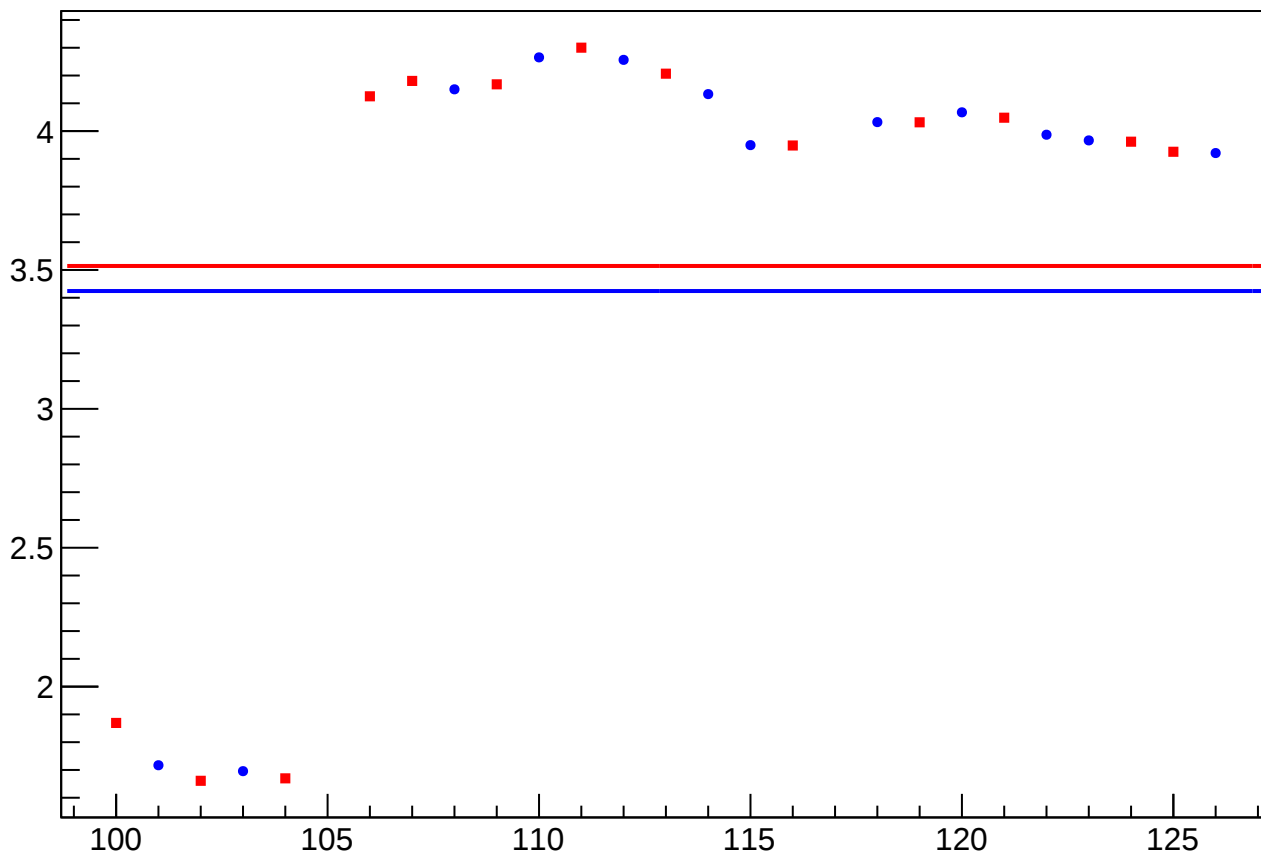
Right: 0.007+/-0.000 χ^2/NDF : 234506.2/24

In: 0.007+/-0.000 χ^2/NDF :88063.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 234506.2/24

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 3.424+/-0.000 χ^2/NDF : 170807293443.7/11

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

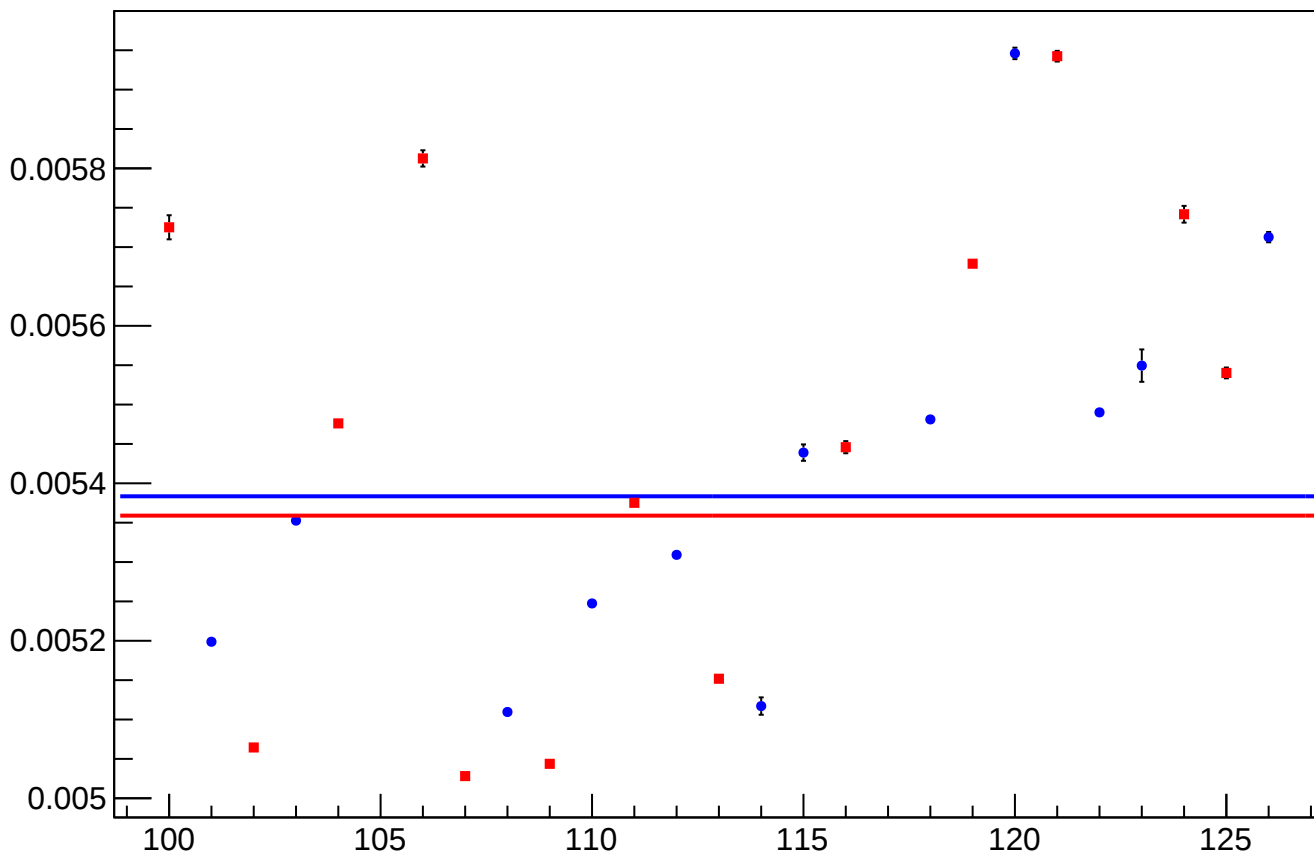
Right: 3.471+/-0.000 χ^2/NDF : 351312963221.5/24

In: 3.424+/-0.000 χ^2/NDF : 170807293443.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.471+/-0.000 χ^2/NDF : 351312963221.5

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 14112.3/11

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

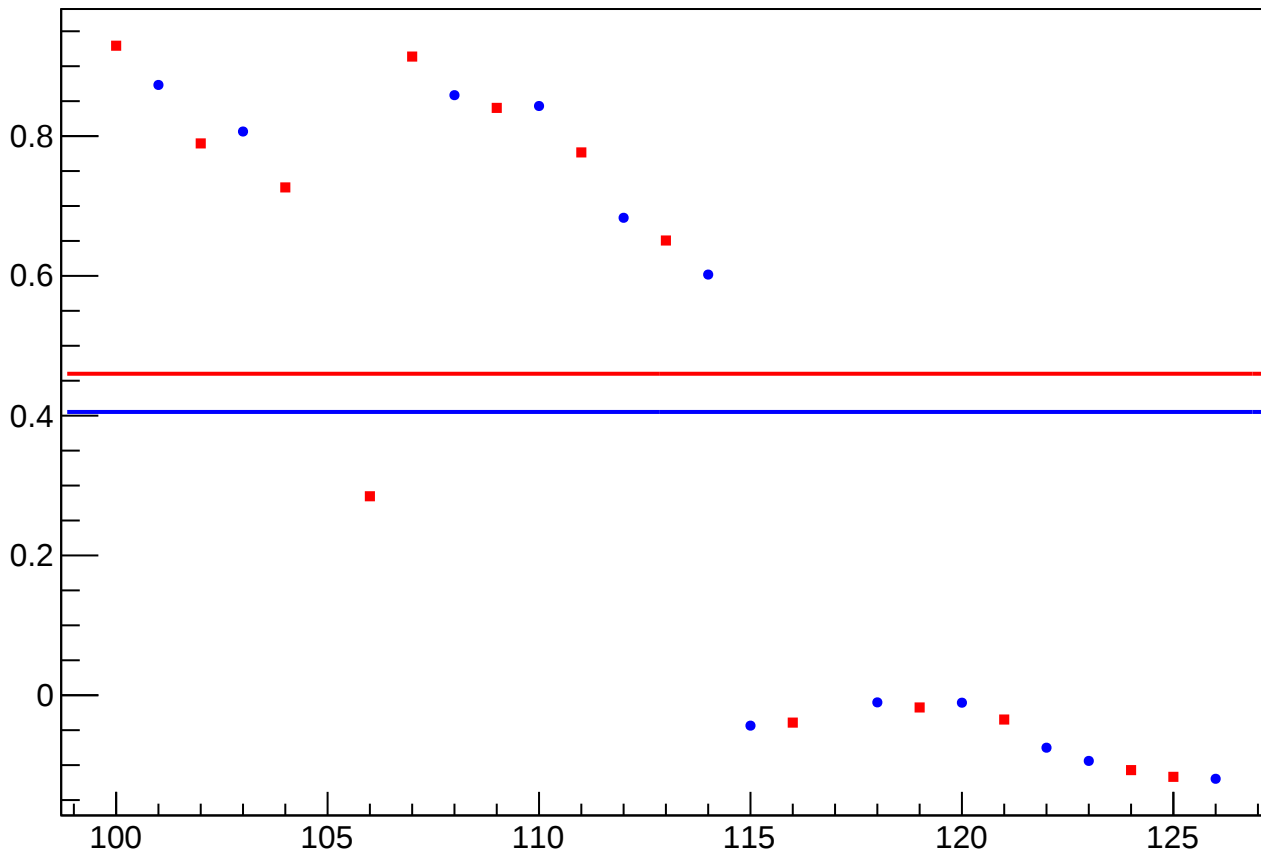
Right: 0.005+/-0.000 χ^2/NDF : 42201.2/24

In: 0.005+/-0.000 χ^2/NDF : 14112.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 42201.2/24

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.405+/-0.000 χ^2/NDF : 3965318603.9/11

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

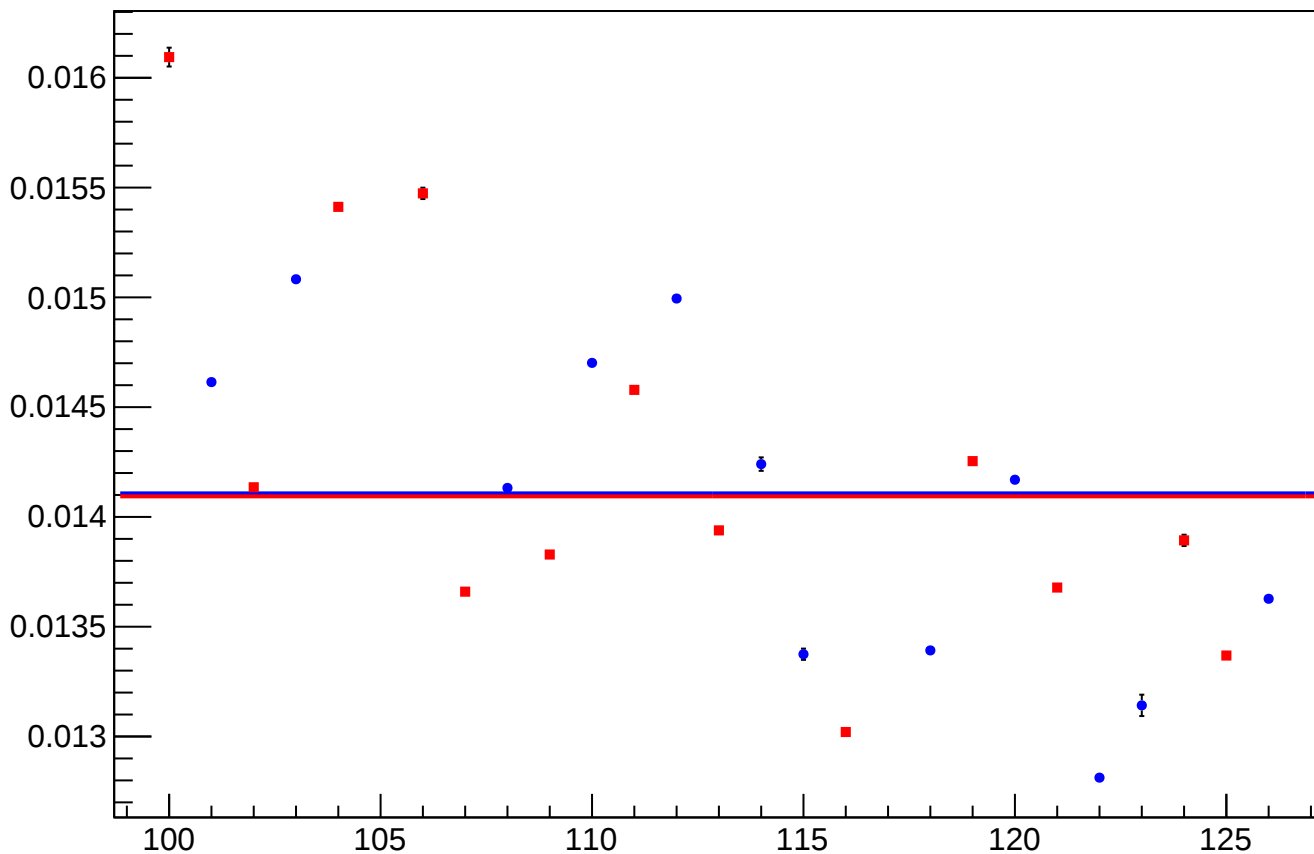
Right: 0.434+/-0.000 χ^2/NDF : 7871102055.1/24

In: 0.405+/-0.000 χ^2/NDF :3965318603.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.434+/-0.000 χ^2/NDF : 7871102055.1/24

yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 23780.1/11

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

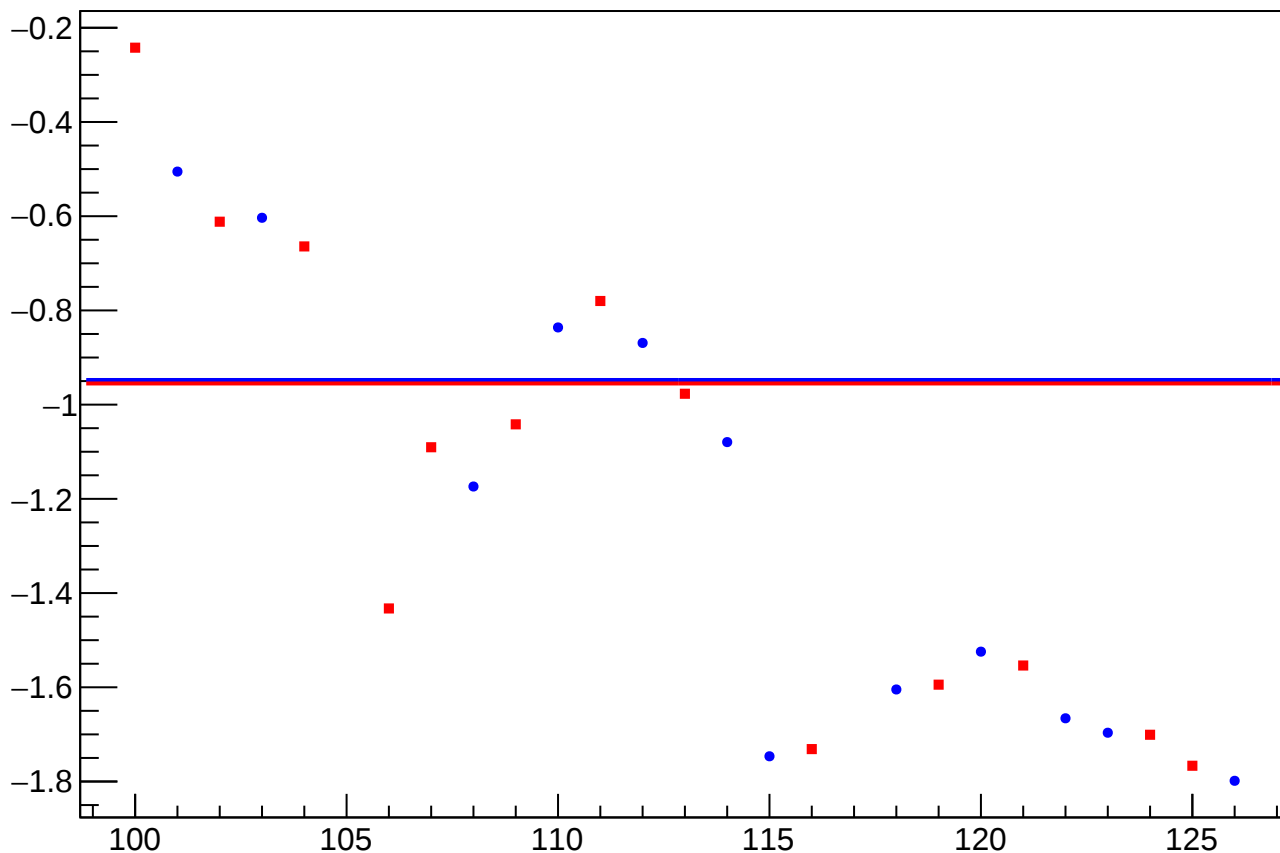
Right: 0.014+/-0.000 χ^2/NDF : 44316.9/24

In: 0.014+/-0.000 χ^2/NDF : 23780.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 44316.9/24

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -0.948+/-0.000 χ^2/NDF : 31315978970.1/11

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

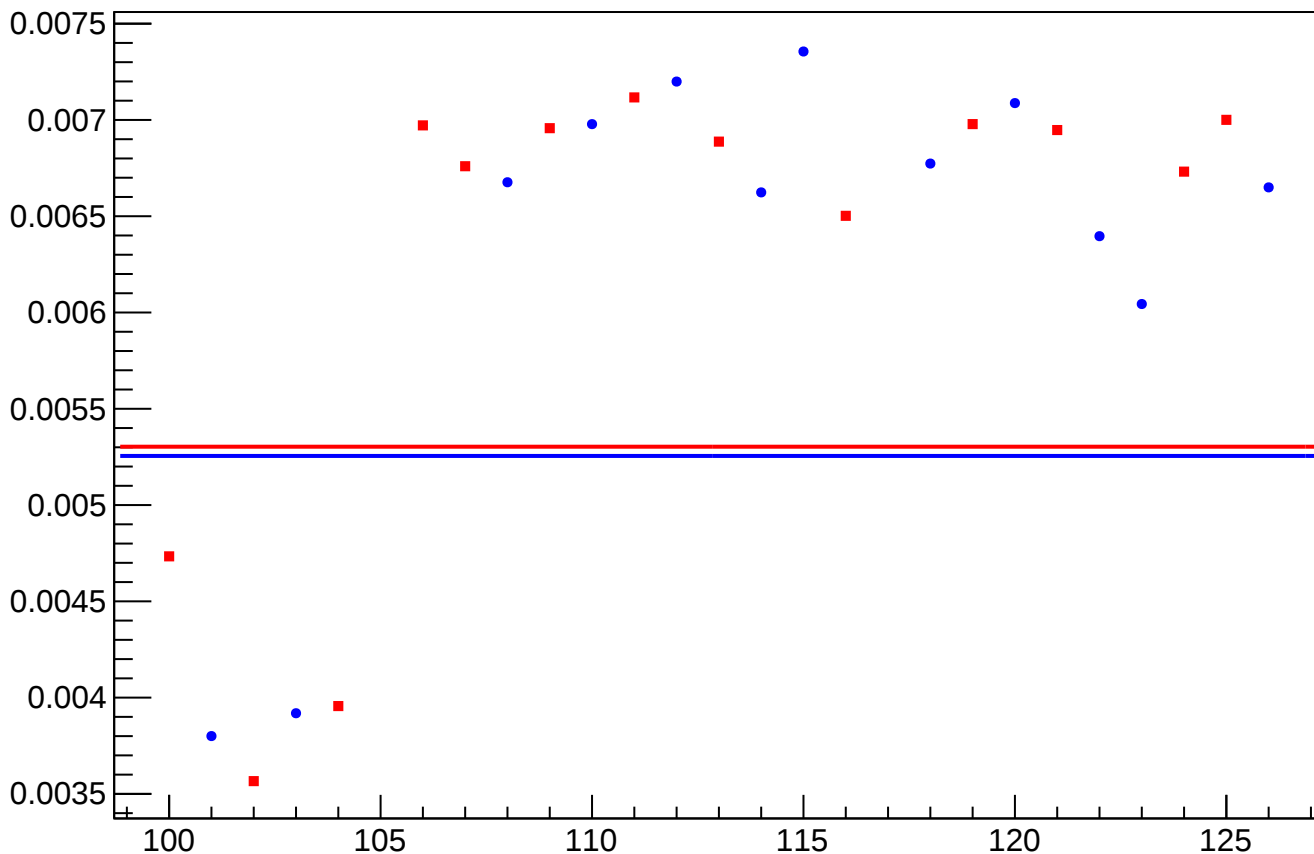
Right: -0.951+/-0.000 χ^2/NDF : 56963502356.8/24

In: -0.948+/-0.000 χ^2/NDF :31315978970.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.951+/-0.000 χ^2/NDF : 56963502356.8/24

yield_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 590146.7/11

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

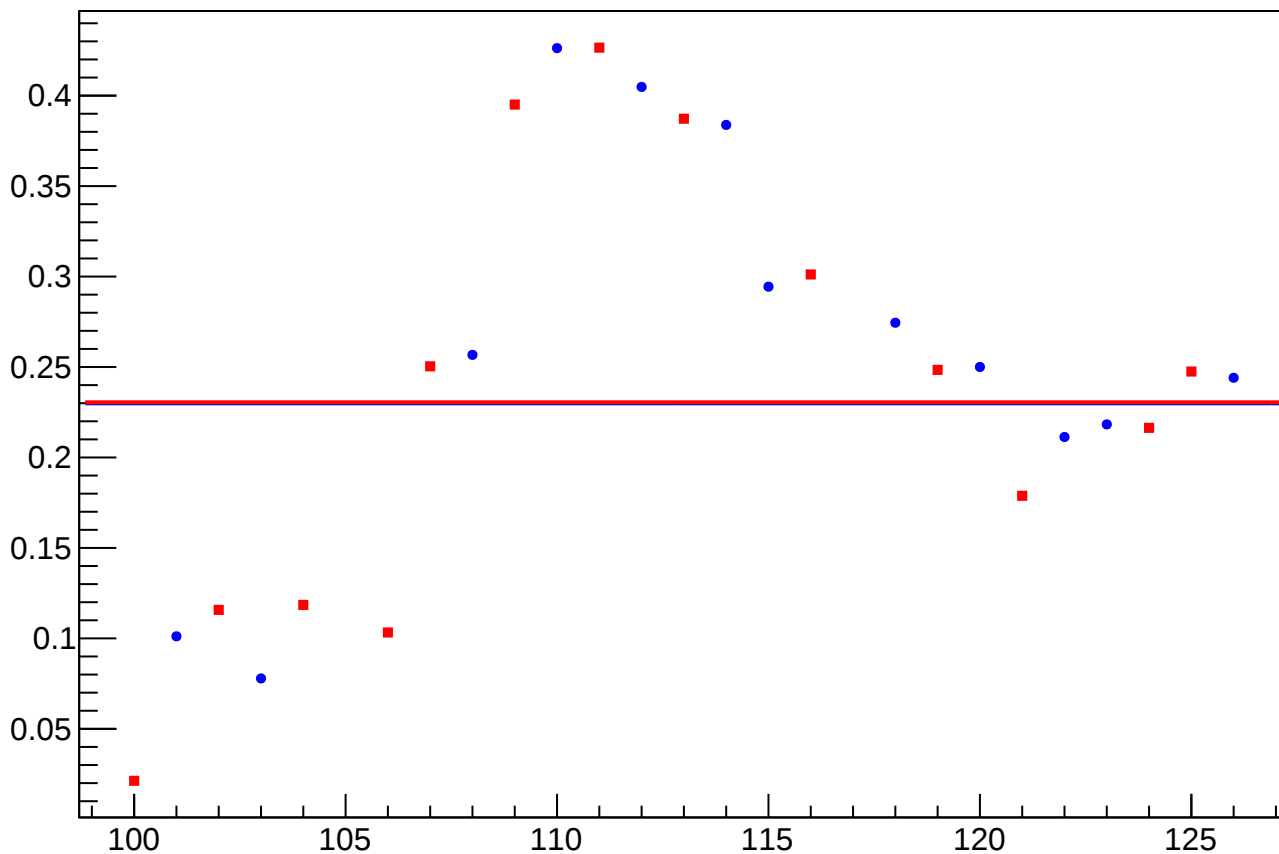
Right: 0.005+/-0.000 χ^2/NDF : 1303075.1/24

In: 0.005+/-0.000 χ^2/NDF :590146.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1303075.1/24

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.230+/-0.000

χ^2/NDF : 17919585284.2/11

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.230+/-0.000 χ^2/NDF : 41507417541.9/24

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.230+/-0.000 χ^2/NDF : 17919585284.2/11

Right Out: 0.231+/-0.000

χ^2/NDF : 23587567523.0/12

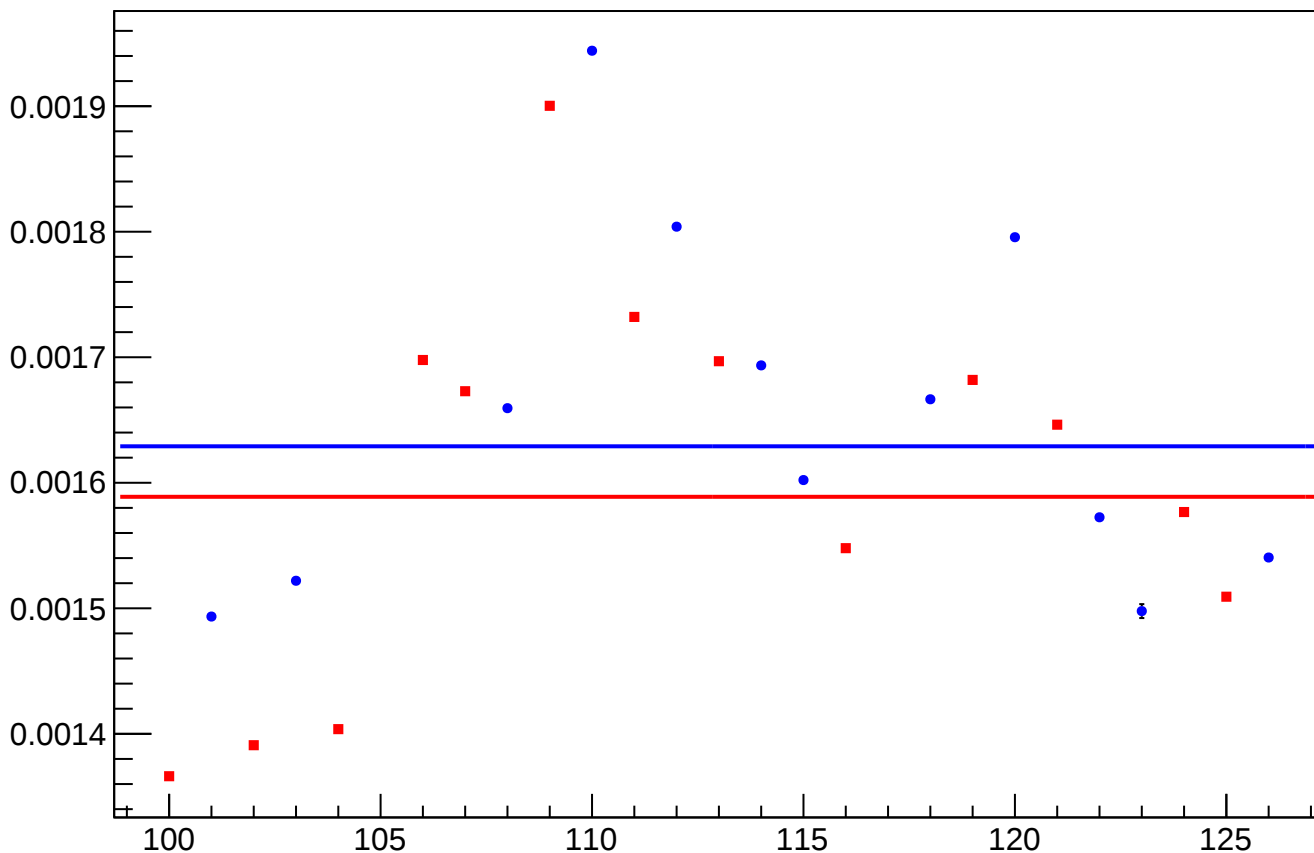
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.230+/-0.000 χ^2/NDF : 41507417541.9/24

yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 49187.7/11

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

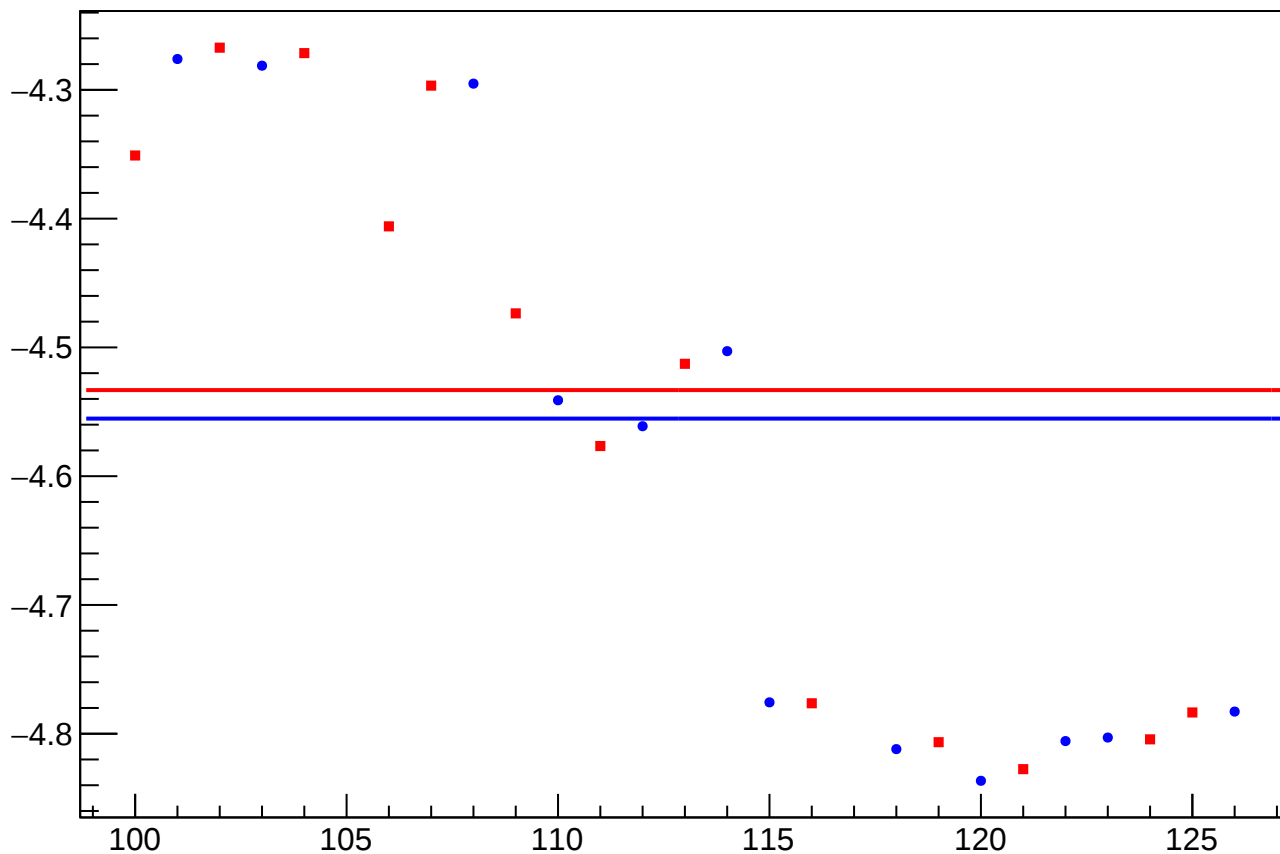
Right: 0.002+/-0.000 χ^2/NDF : 139460.7/24

In: 0.002+/-0.000 χ^2/NDF : 49187.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 139460.7/24

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.555+/-0.000 χ^2/NDF : 64165578782.2/11

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

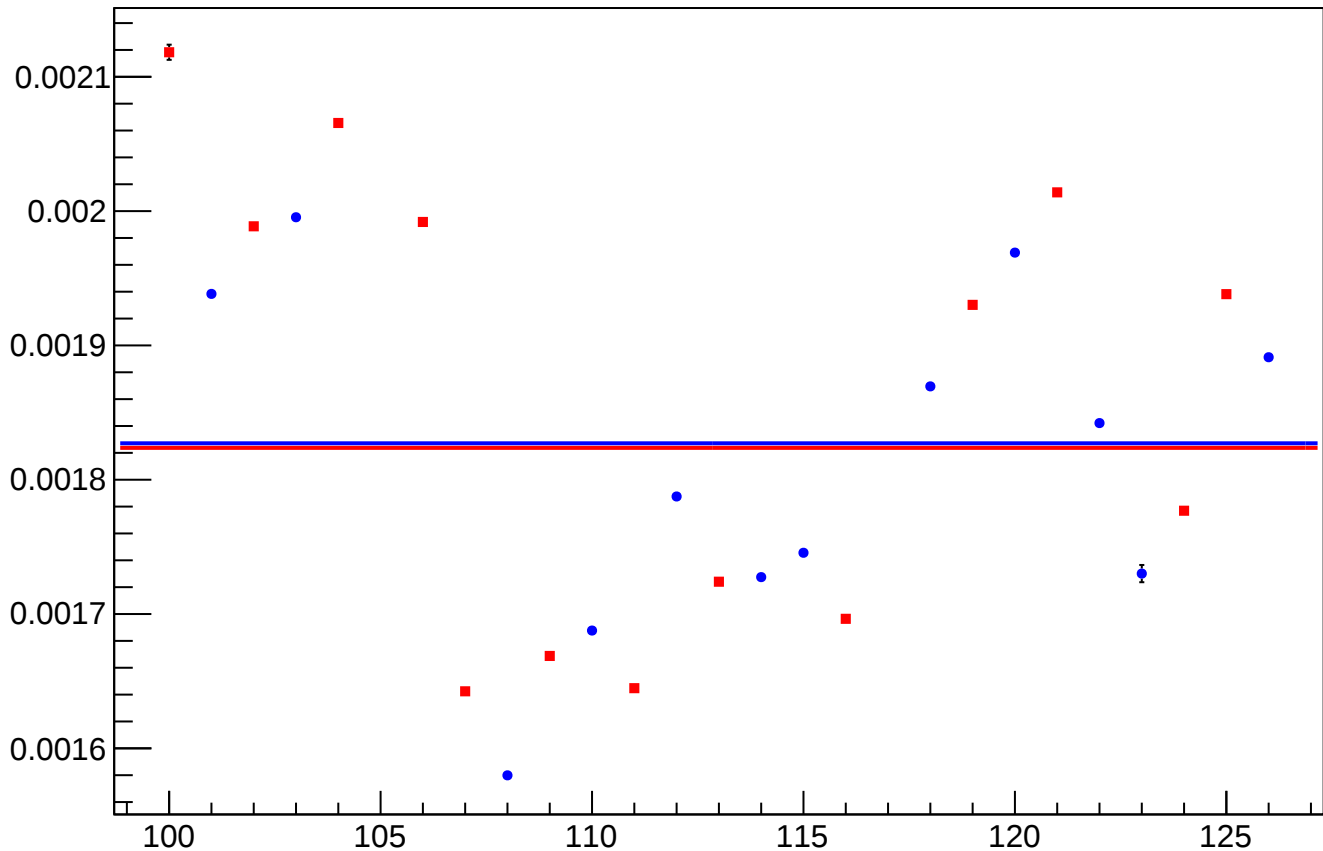
Right: -4.544+/-0.000 χ^2/NDF : 123010266896.4/24

In: -4.555+/-0.000 χ^2/NDF : 64165578782.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.544+/-0.000 χ^2/NDF : 123010266896.4

yield_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 41399.5/11

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

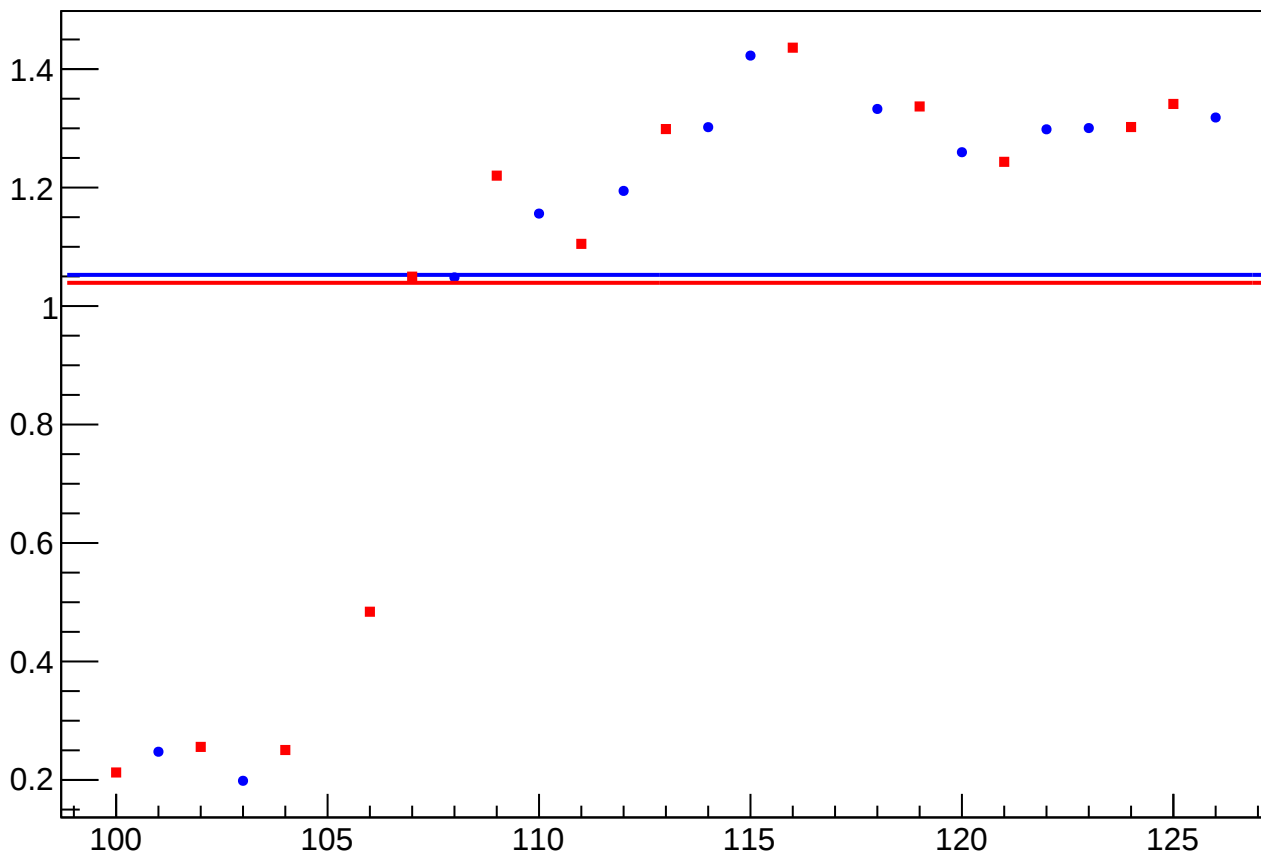
Right: 0.002+/-0.000 χ^2/NDF : 113556.8/24

In: 0.002+/-0.000 χ^2/NDF :41399.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 113556.8/24

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 1.053+/-0.000 χ^2/NDF : 12974410138.0/11

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

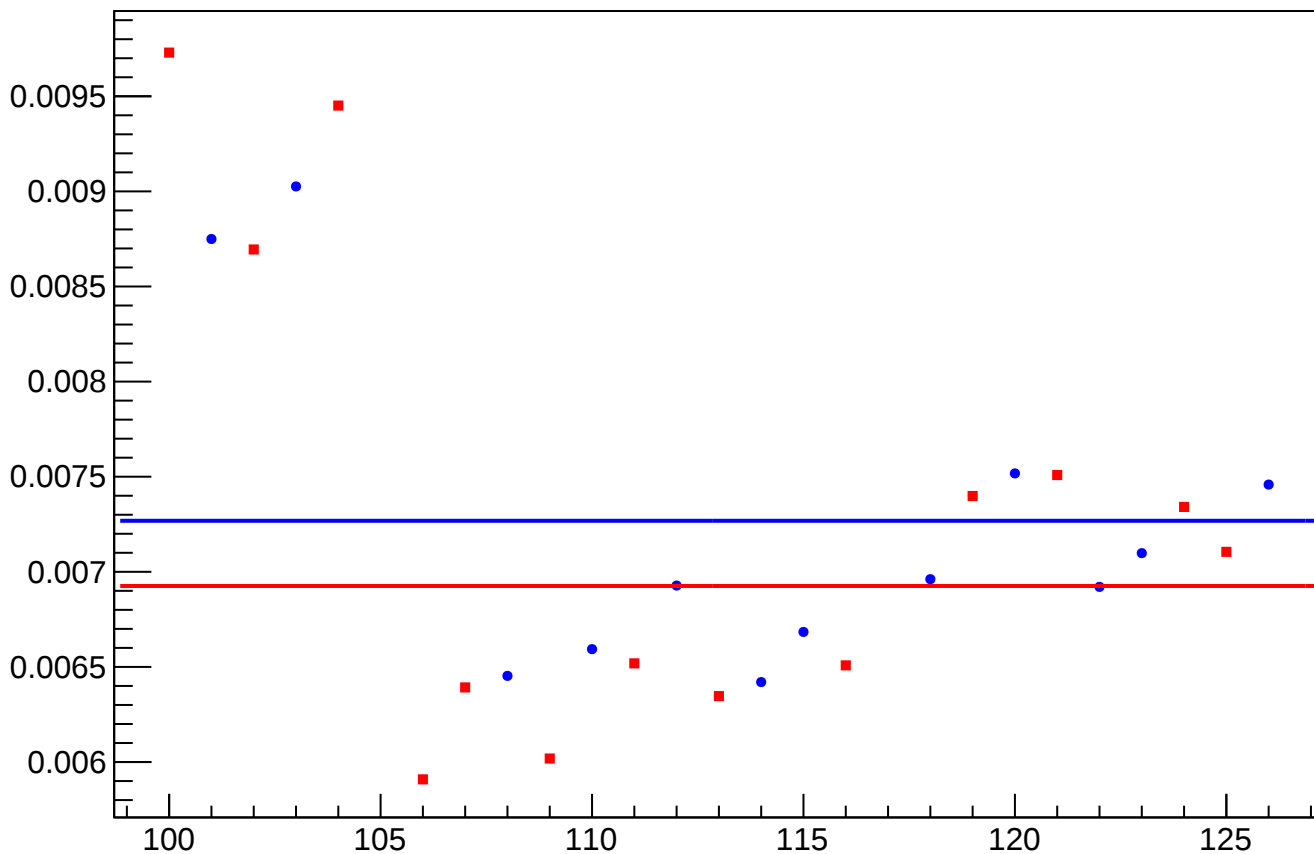
Right: 1.045+/-0.000 χ^2/NDF : 28087360690.4/24

In: 1.053+/-0.000 χ^2/NDF : 12974410138.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.045+/-0.000 χ^2/NDF : 28087360690.4/24

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 109109.7/11

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

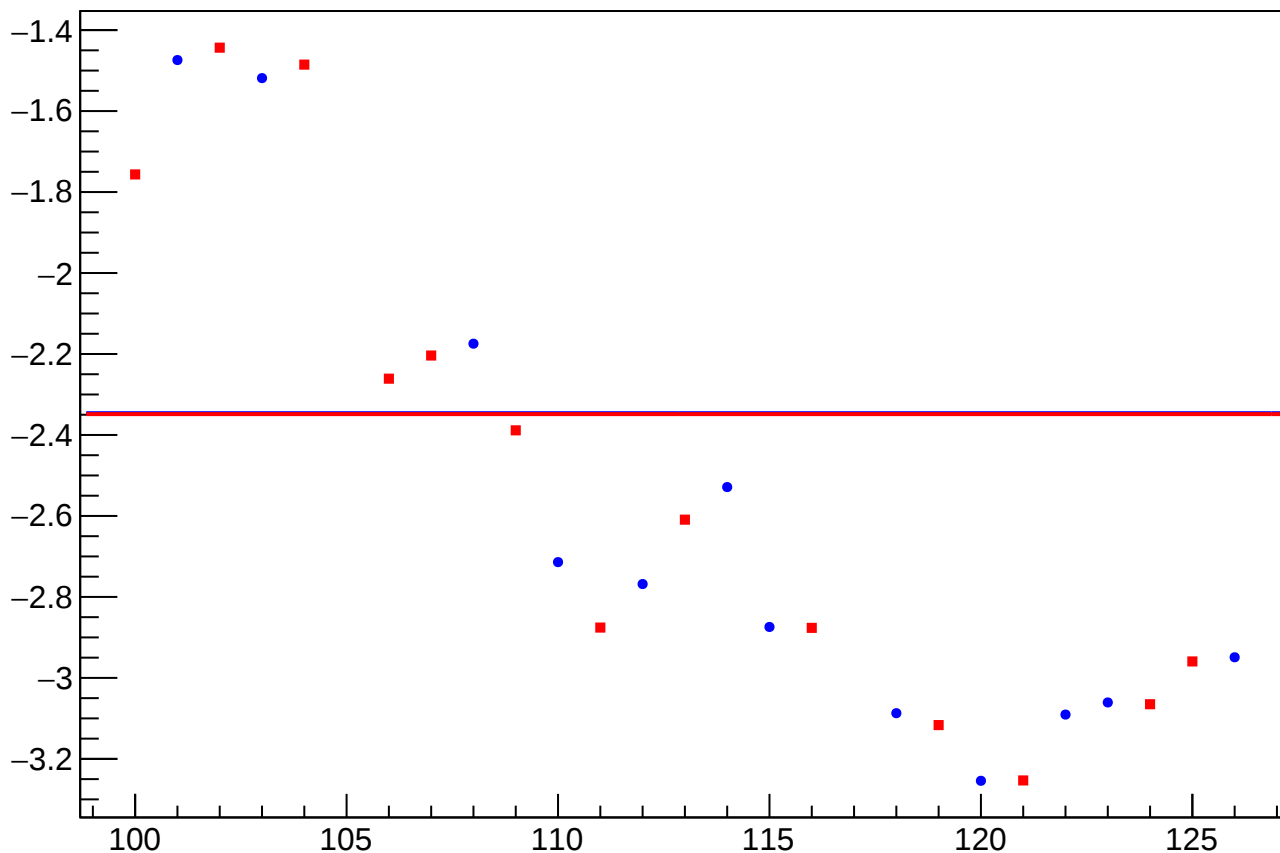
Right: 0.007+/-0.000 χ^2/NDF : 315757.5/24

In: 0.007+/-0.000 χ^2/NDF :109109.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 315757.5/24

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -2.346+/-0.000 χ^2/NDF : 47709892405.5/11

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

Right Out: -2.348+/-0.000 χ^2/NDF : 44794615272.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

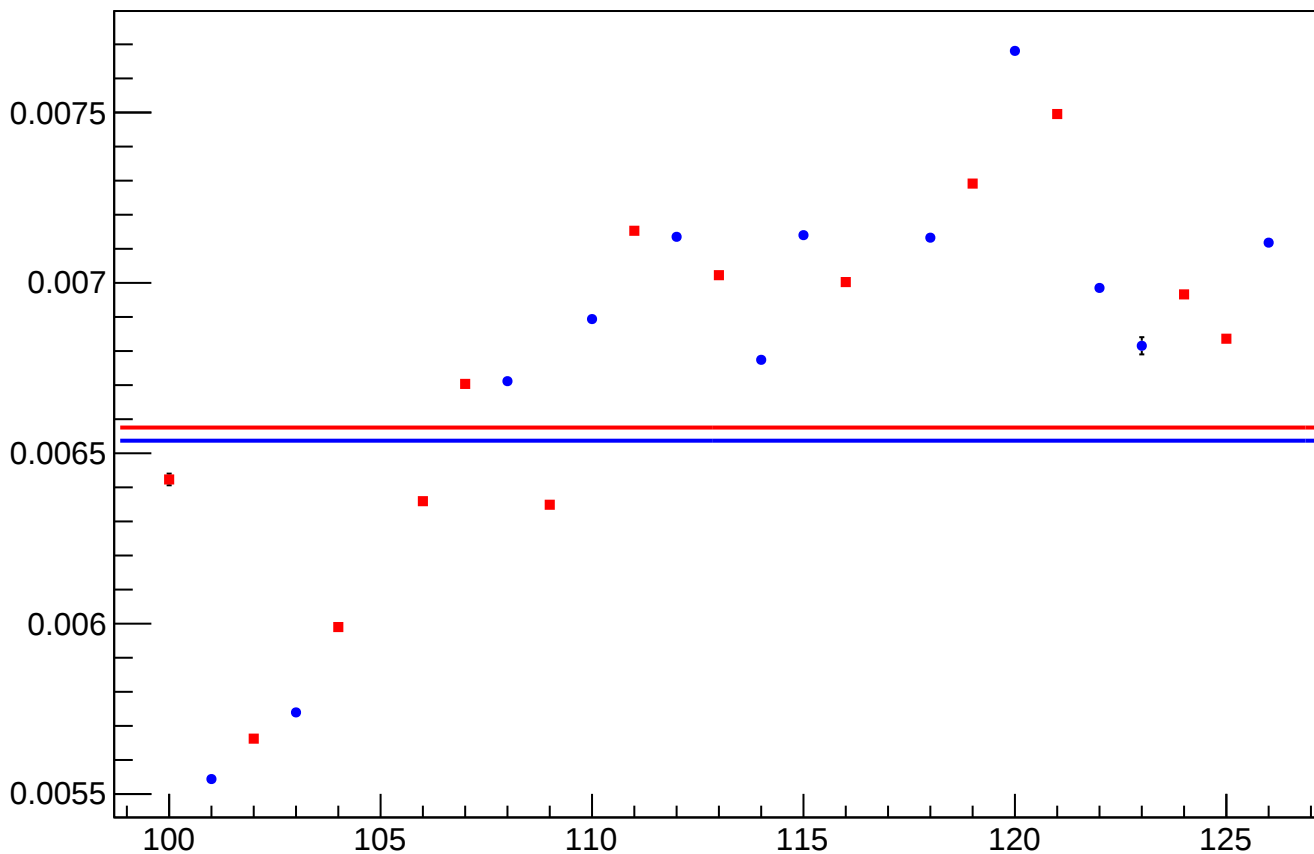
Right: -2.347+/-0.000 χ^2/NDF : 92504772790.0/24

In: -2.346+/-0.000 χ^2/NDF :47709892405.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.347+/-0.000 χ^2/NDF : 92504772790.0/24

yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 100887.7/11

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

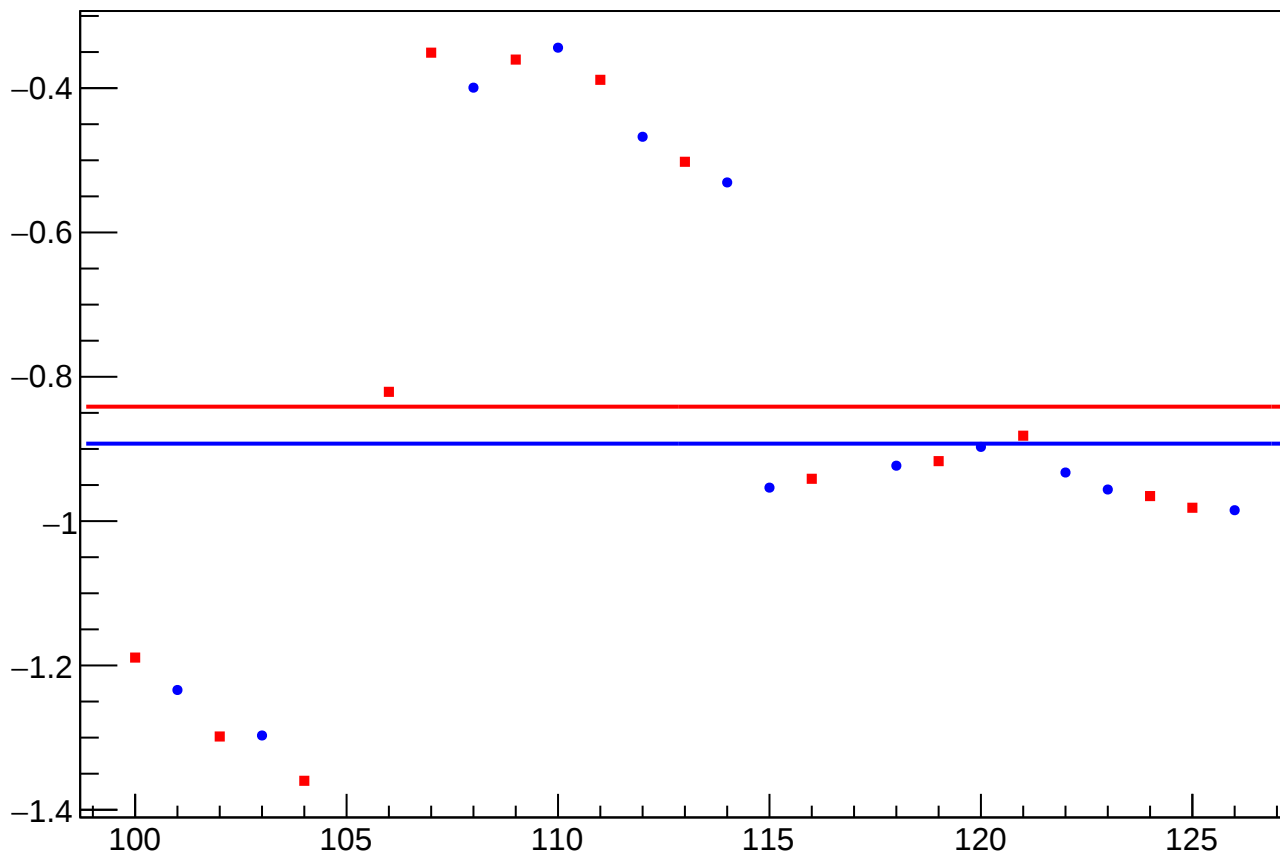
Right: 0.007+/-0.000 χ^2/NDF : 175566.5/24

In: 0.007+/-0.000 χ^2/NDF :100887.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 175566.5/24

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.893+/-0.000 χ^2/NDF : 3881471185.5/11

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

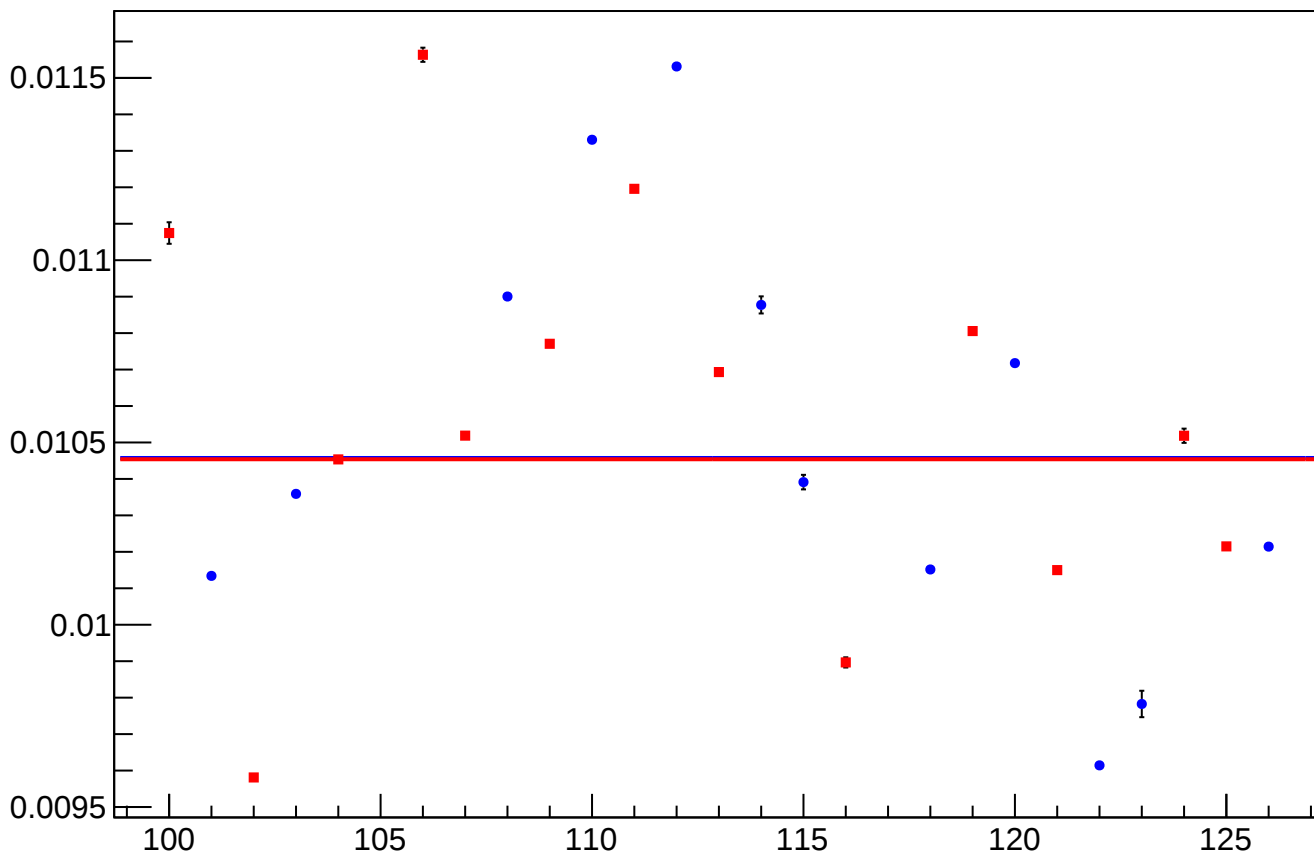
Right: -0.866+/-0.000 χ^2/NDF : 9506605747.8/24

In: -0.893+/-0.000 χ^2/NDF :3881471185.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.866+/-0.000 χ^2/NDF : 9506605747.8/24

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 23219.6/11

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

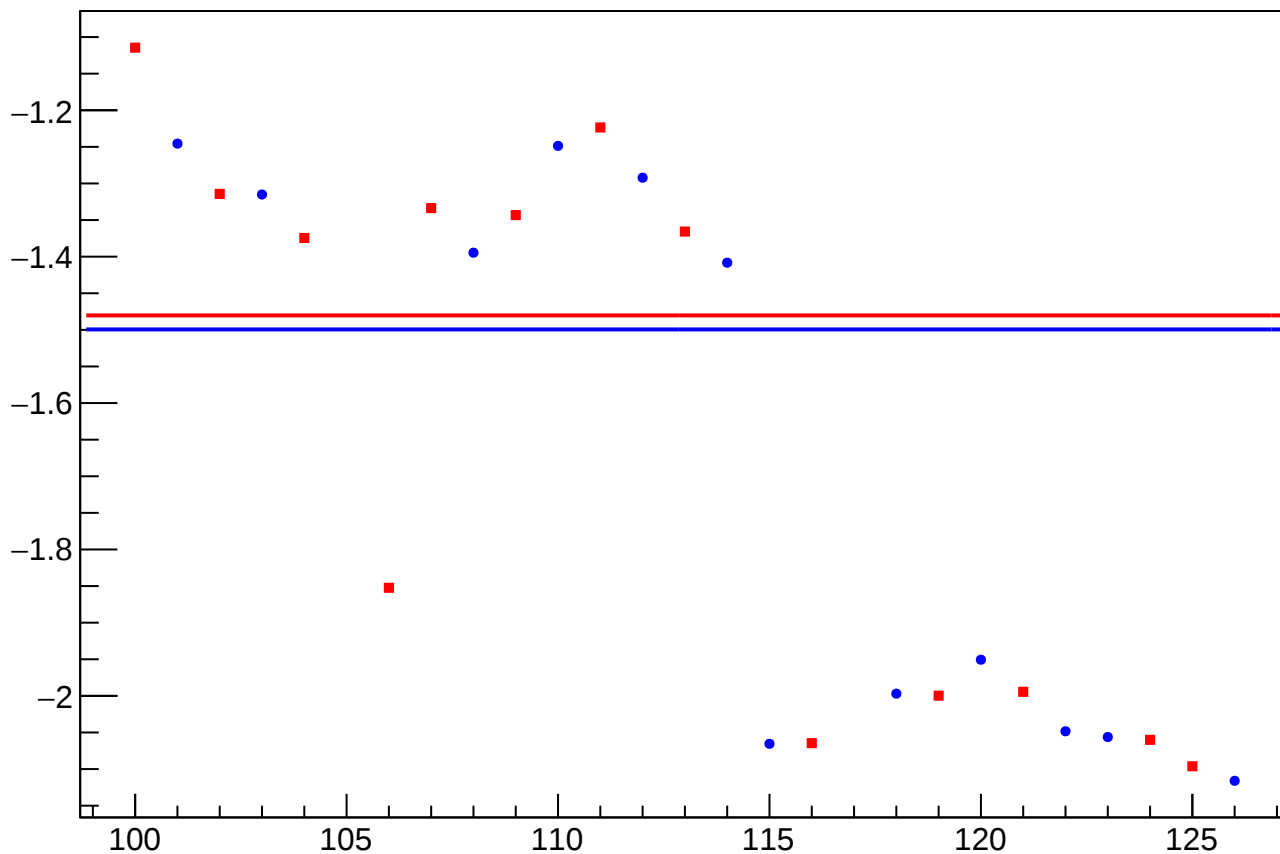
Right: 0.010+/-0.000 χ^2/NDF : 44739.4/24

In: 0.010+/-0.000 χ^2/NDF : 23219.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 44739.4/24

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.499+/-0.000 χ^2/NDF : 73719548559.0/11

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

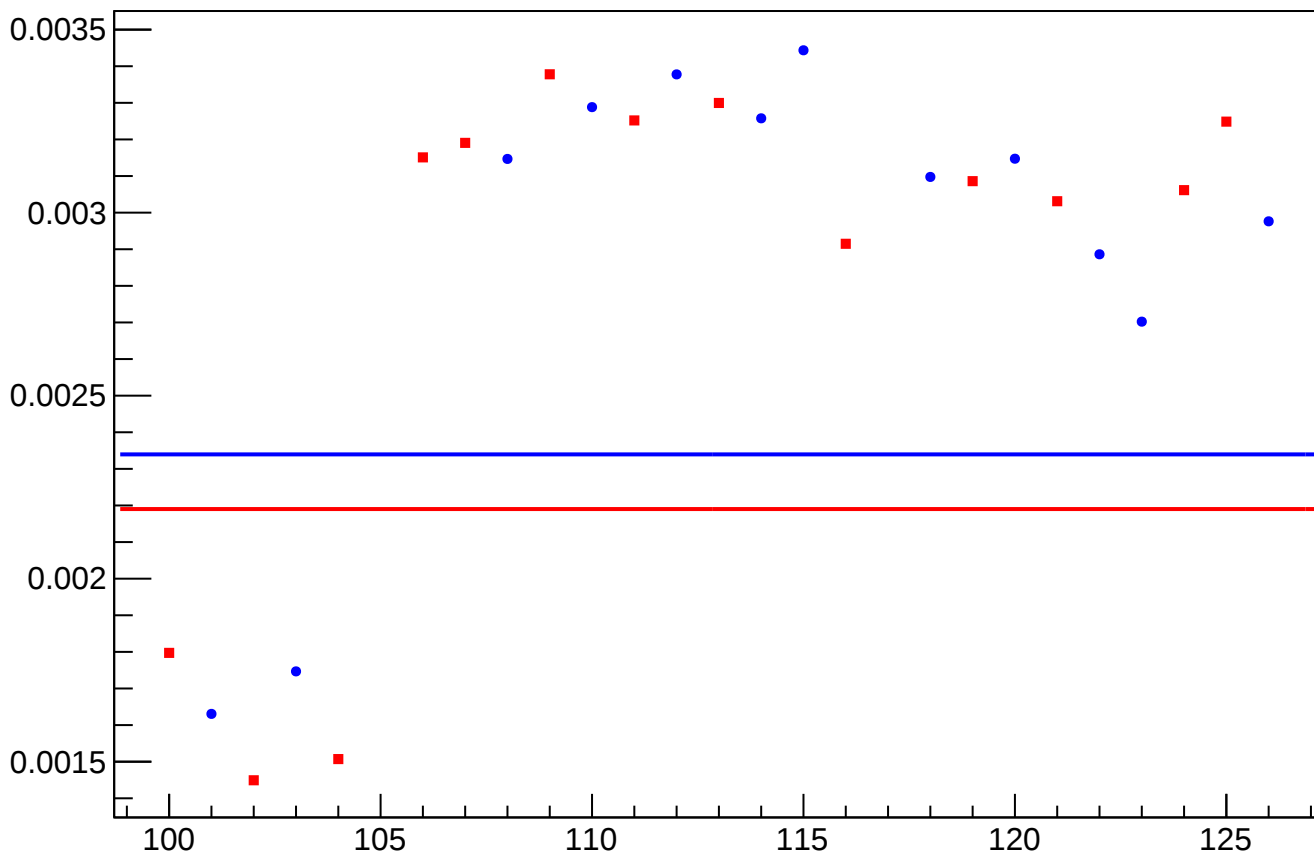
Right: -1.489+/-0.000 χ^2/NDF : 138645611216.4/24

In: -1.499+/-0.000 χ^2/NDF : 73719548559.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.489+/-0.000 χ^2/NDF : 138645611216.4

yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 679027.7/11

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

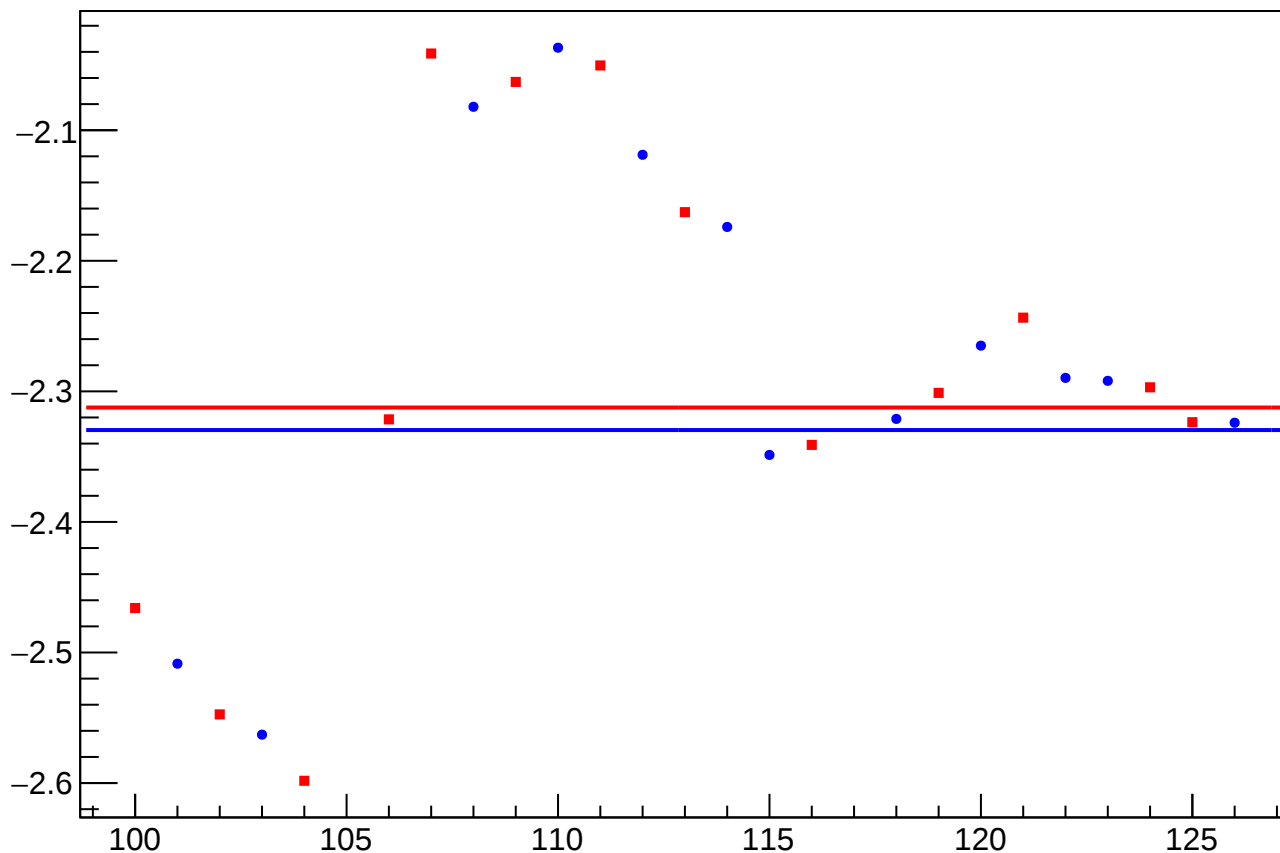
Right: 0.002+/-0.000 χ^2/NDF : 1763182.5/24

In: 0.002+/-0.000 χ^2/NDF :679027.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1763182.5/24

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.330+/-0.000 χ^2/NDF : 2995934543.5/11

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

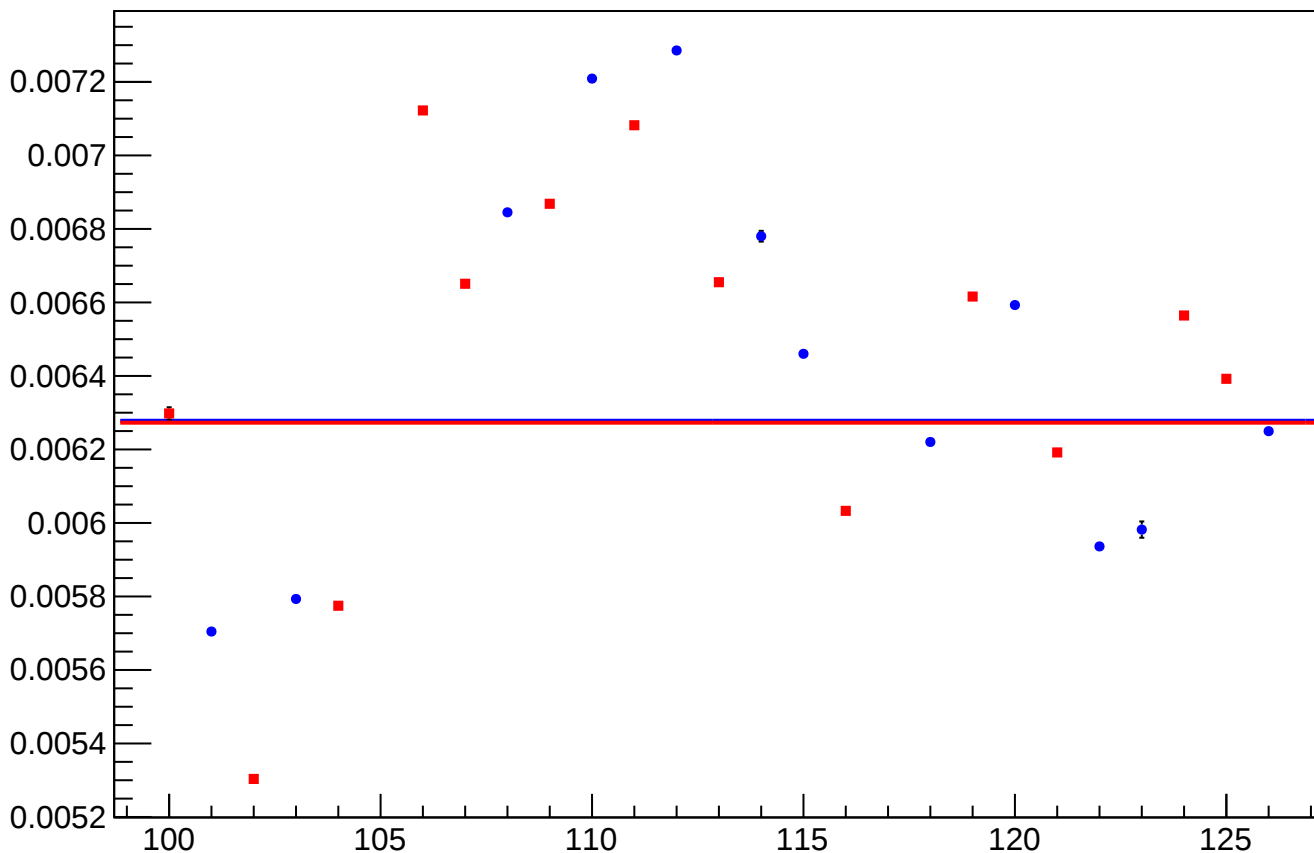
Right: -2.321+/-0.000 χ^2/NDF : 7406616964.9/24

In: -2.330+/-0.000 χ^2/NDF :2995934543.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.321+/-0.000 χ^2/NDF : 7406616964.9/24

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 59114.8/11

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

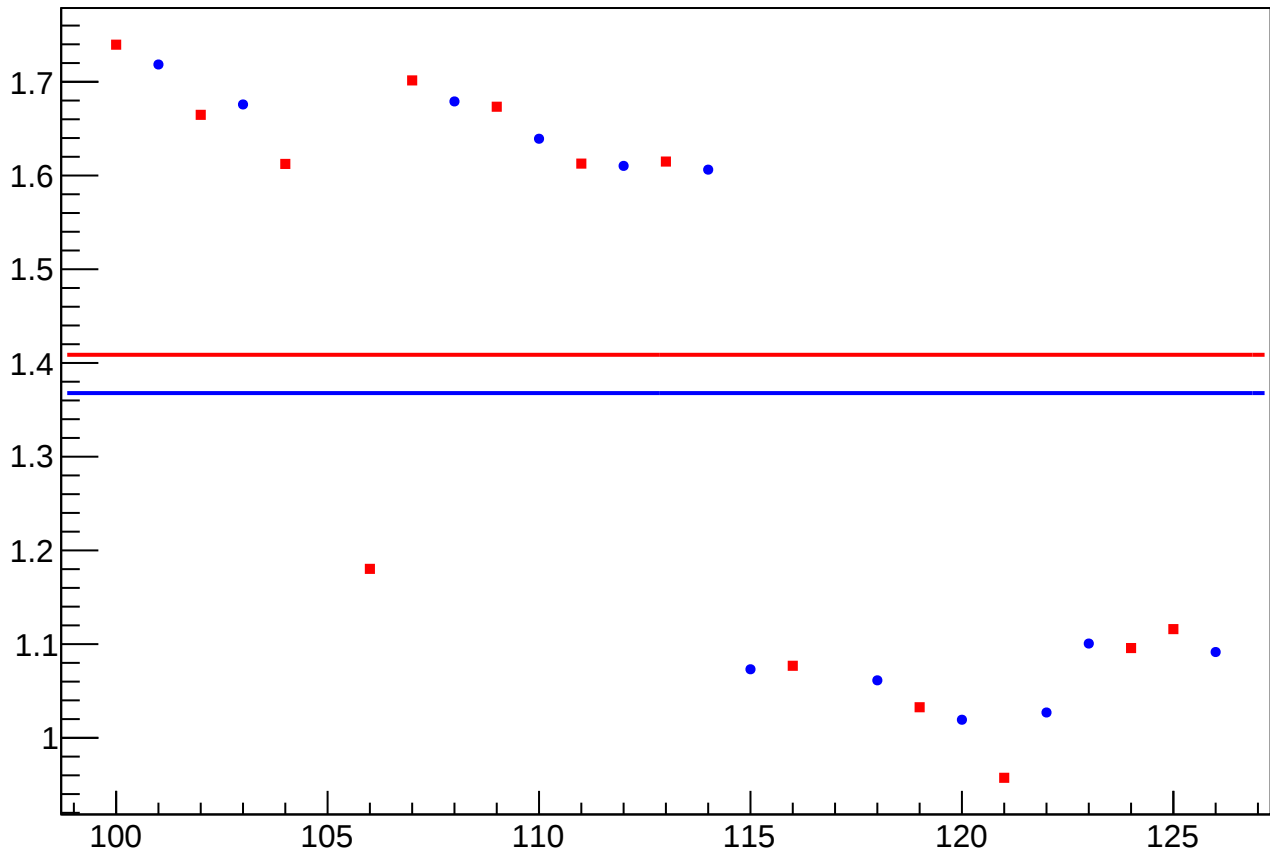
Right: 0.006+/-0.000 χ^2/NDF : 135656.3/24

In: 0.006+/-0.000 χ^2/NDF :59114.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 135656.3/24

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.368+/-0.000 χ^2/NDF : 88711057827.1/11

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

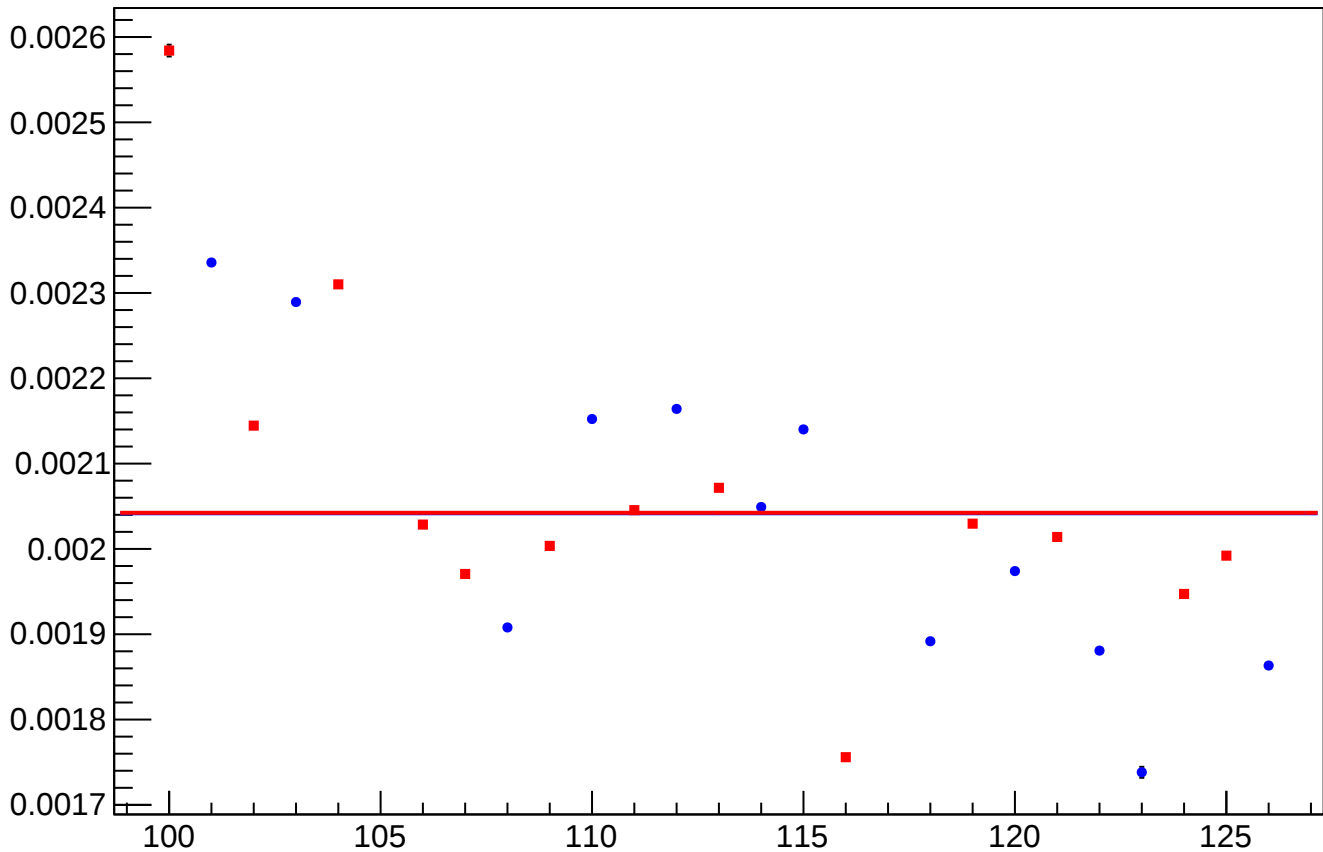
Right: 1.389+/-0.000 χ^2/NDF : 179357564722.7/24

In: 1.368+/-0.000 χ^2/NDF : 88711057827.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.389+/-0.000 χ^2/NDF : 179357564722.7

yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 59379.7/11

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

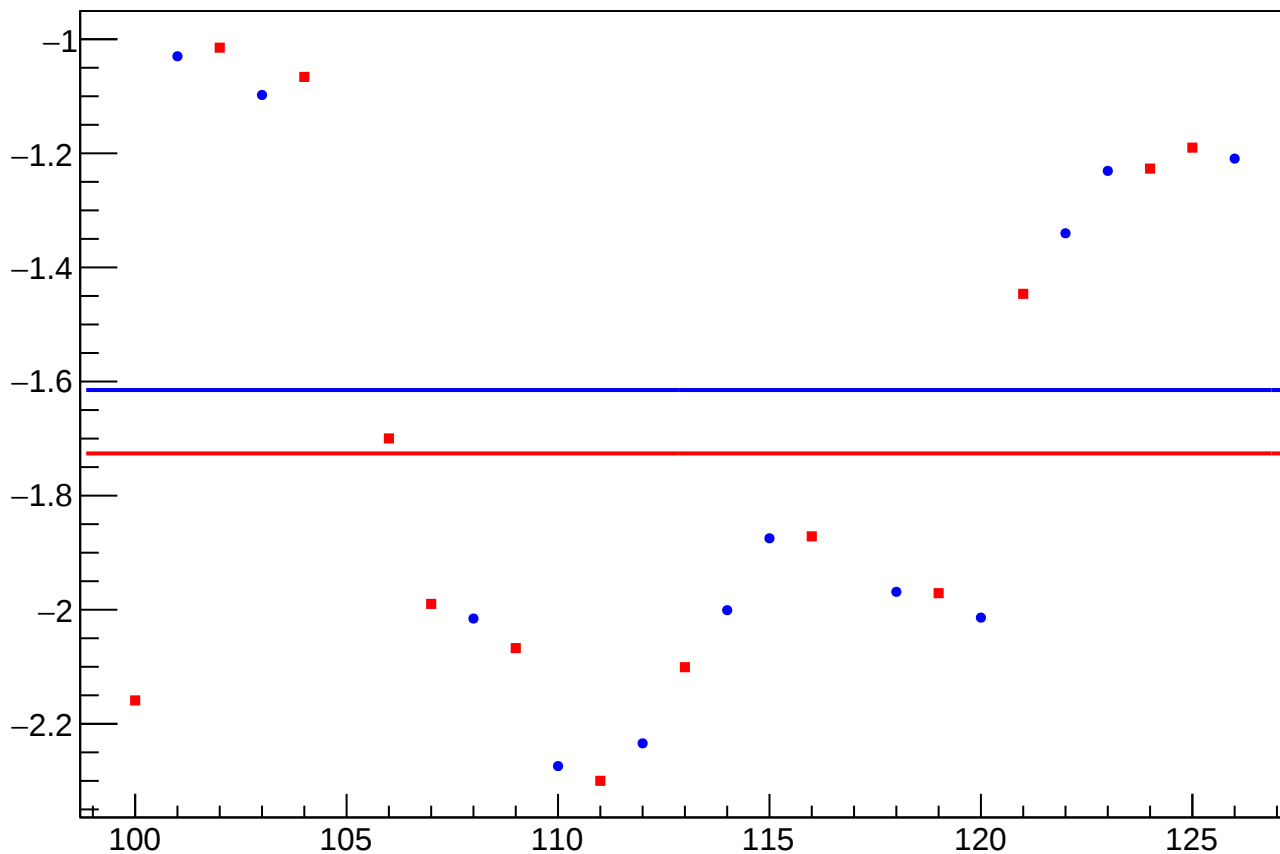
Right: 0.002+/-0.000 χ^2/NDF : 96247.1/24

In: 0.002+/-0.000 χ^2/NDF : 59379.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 96247.1/24

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.615+/-0.000 χ^2/NDF : 18922521873.4/11

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

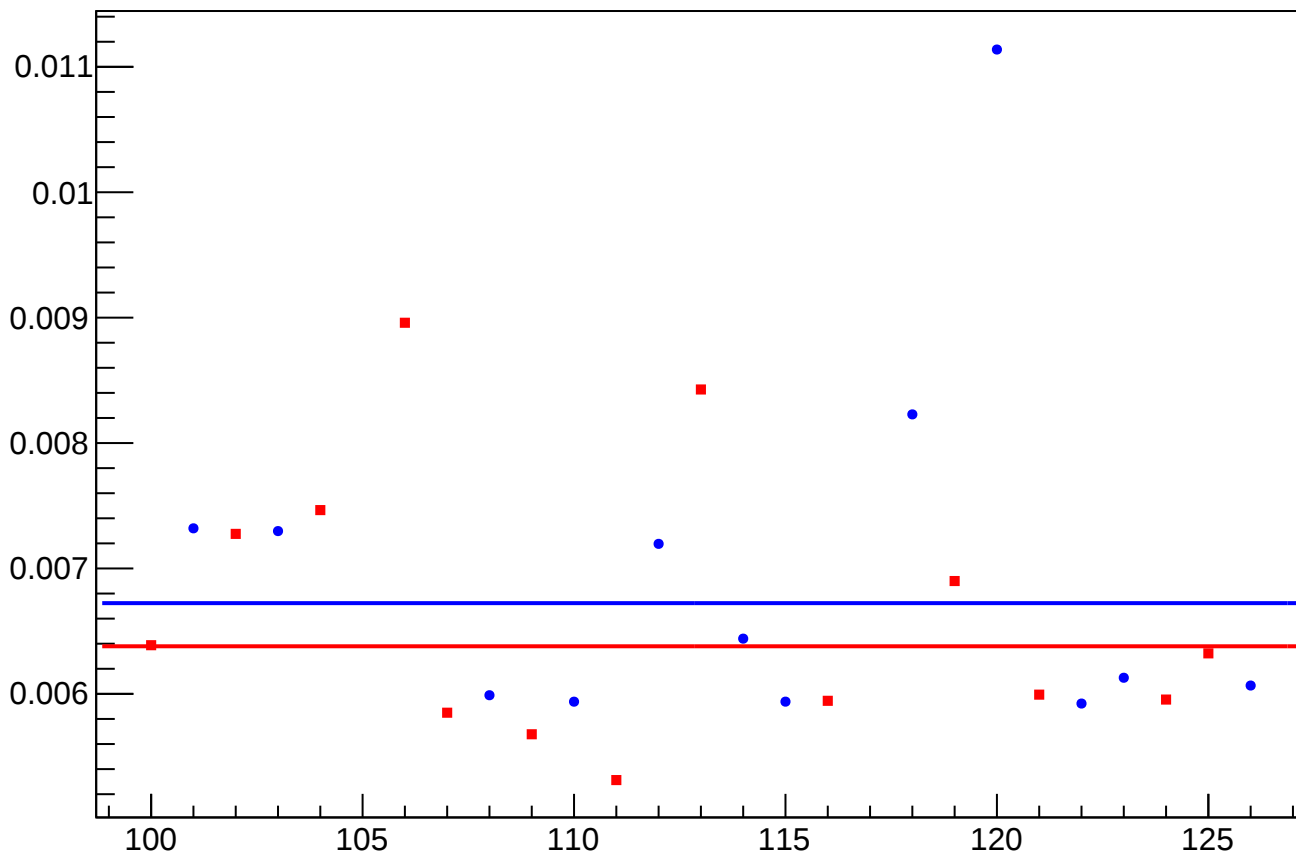
Right: -1.677+/-0.000 χ^2/NDF : 41580554415.3/24

In: -1.615+/-0.000 χ^2/NDF :18922521873.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.677+/-0.000 χ^2/NDF : 41580554415.3/24

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 180161.5/11

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

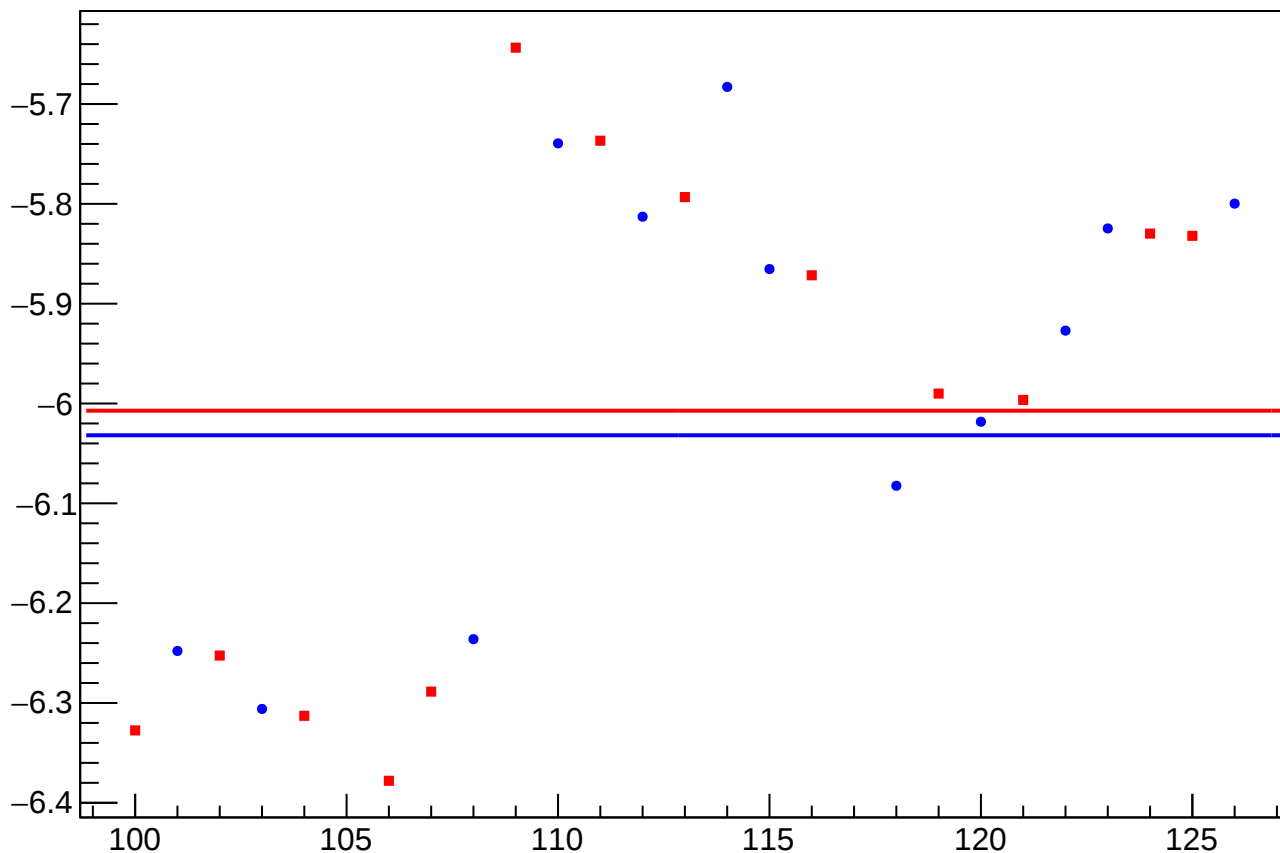
Right: 0.007+/-0.000 χ^2/NDF : 373908.6/24

In: 0.007+/-0.000 χ^2/NDF : 180161.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 373908.6/24

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -6.032+/-0.000 χ^2/NDF : 5888316001.9/11

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

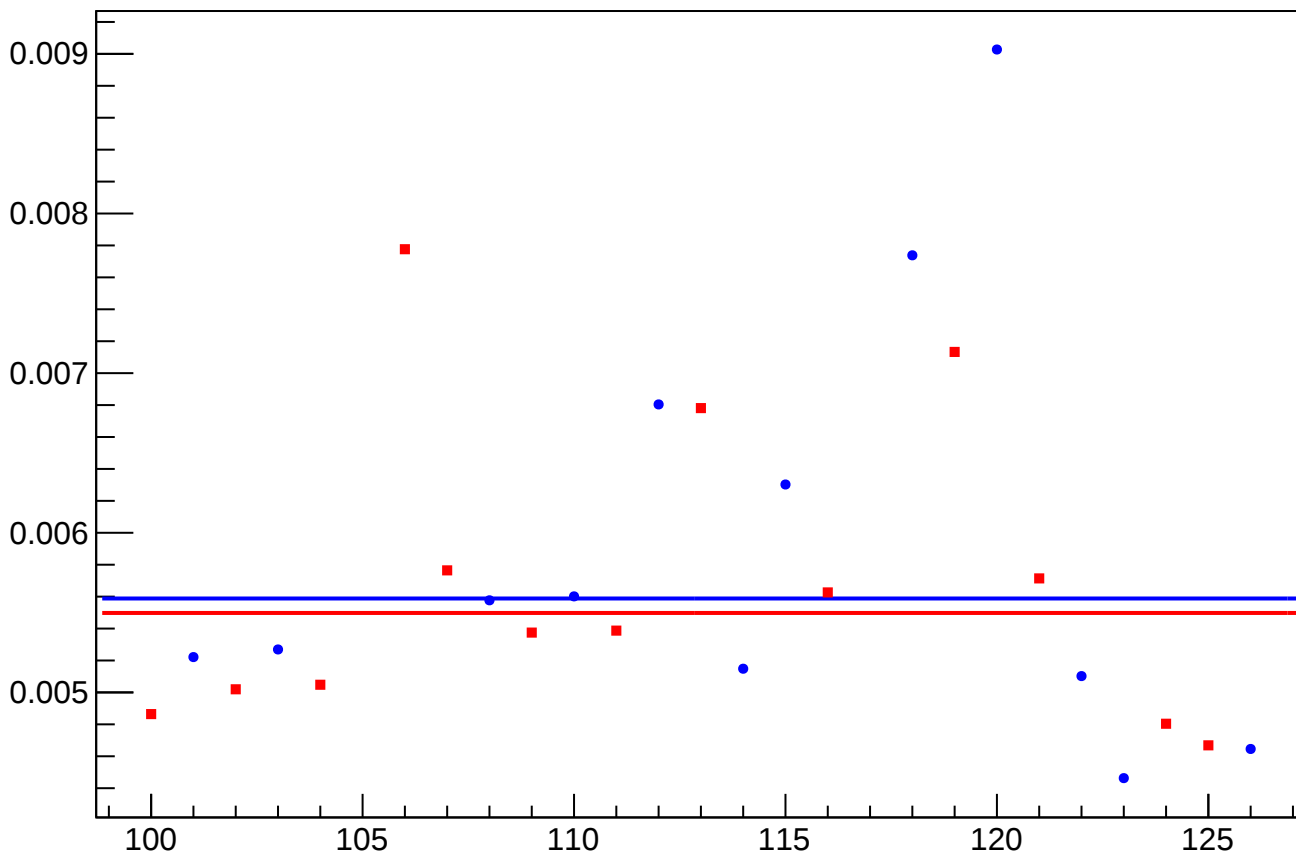
Right: -6.019+/-0.000 χ^2/NDF : 14802929903.0/24

In: -6.032+/-0.000 χ^2/NDF : 5888316001.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.019+/-0.000 χ^2/NDF : 14802929903.0/24

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 233507.4/11

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

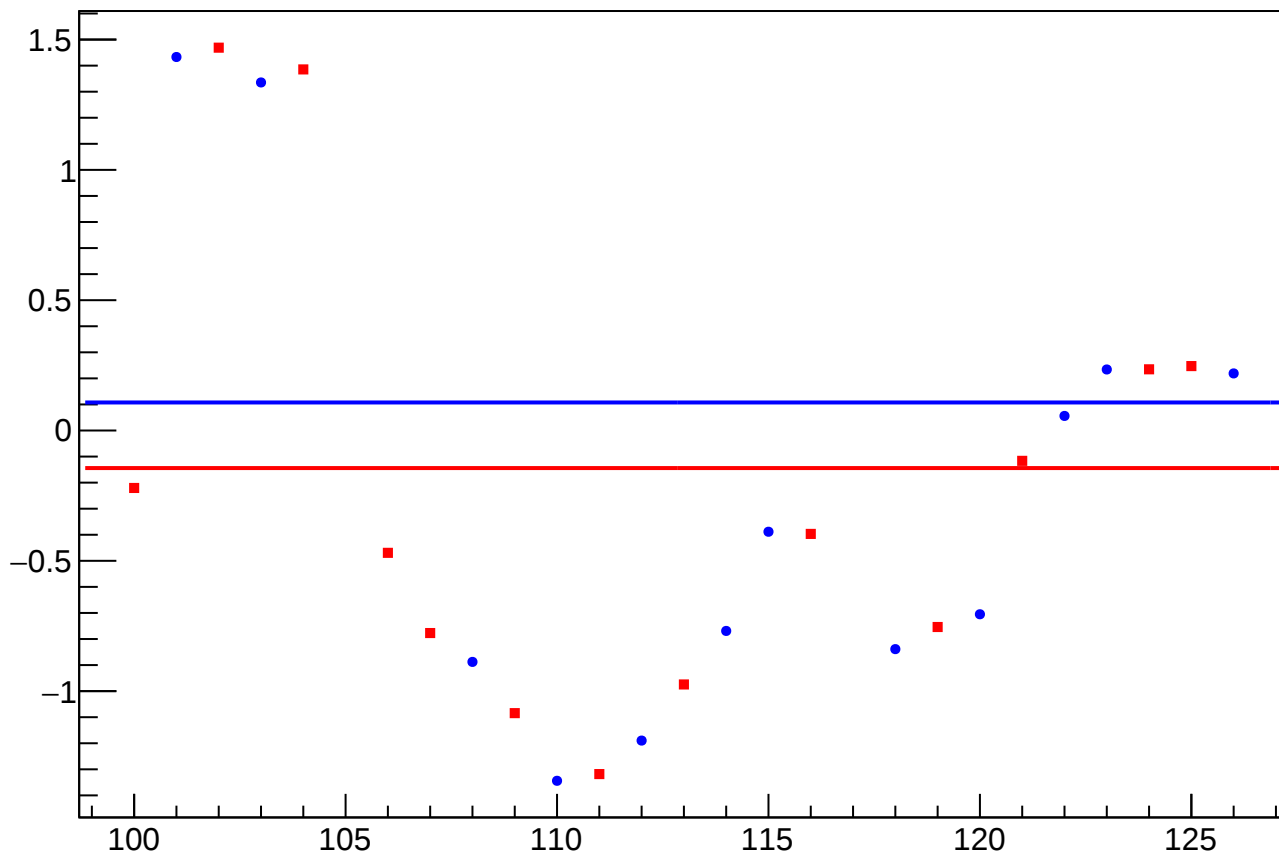
Right: 0.006+/-0.000 χ^2/NDF : 396606.3/24

In: 0.006+/-0.000 χ^2/NDF :233507.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 396606.3/24

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 0.108 ± 0.000 $\chi^2/\text{NDF}: 16349410057.8/11$

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

Right Out: -0.144 ± 0.000 $\chi^2/\text{NDF}: 20240686136.4/12$

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

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

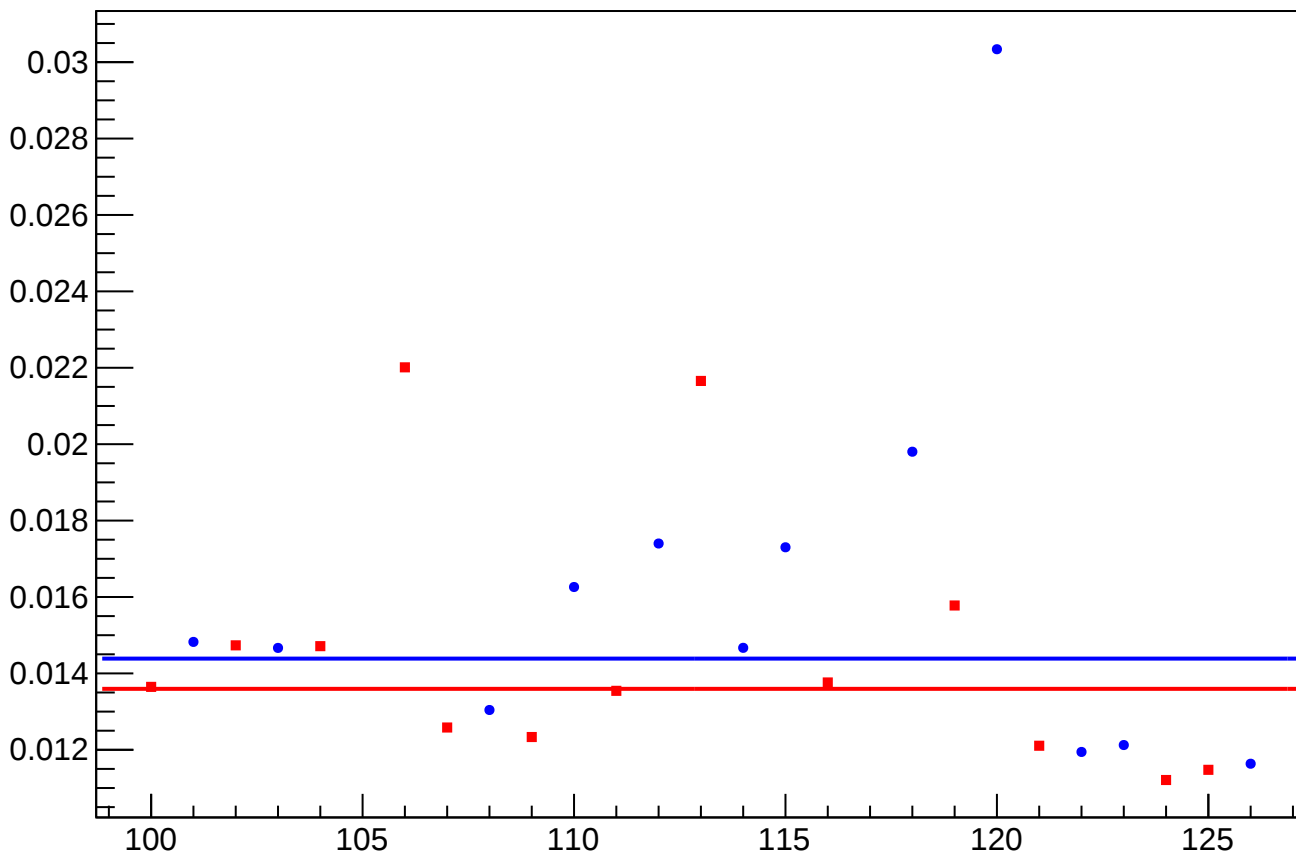
Right: -0.035 ± 0.000 $\chi^2/\text{NDF}: 37210805616.4/24$

In: 0.108 ± 0.000 $\chi^2/\text{NDF}: 16349410057.8/11$

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

All: -0.035 ± 0.000 $\chi^2/\text{NDF}: 37210805616.4/24$

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 321351.8/11

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

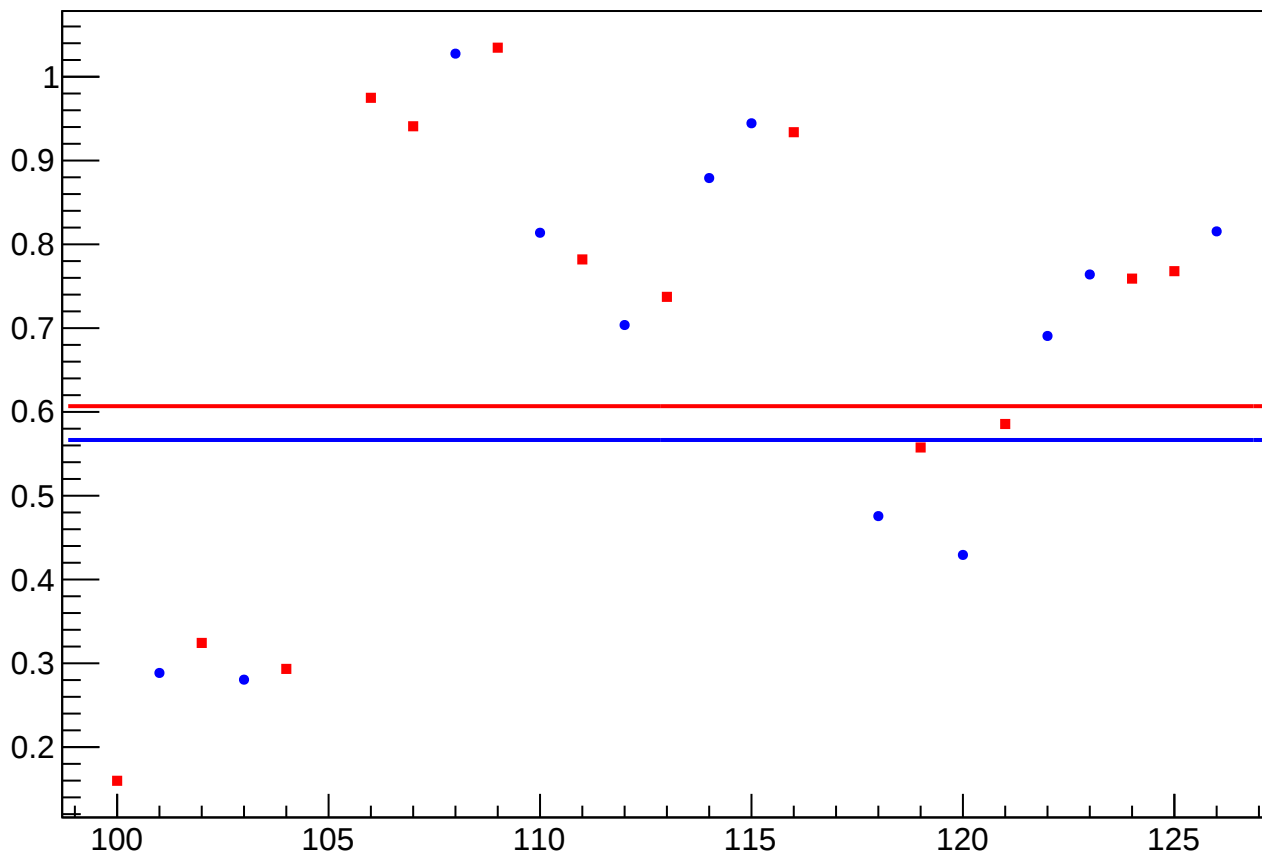
Right: 0.014+/-0.000 χ^2/NDF : 568371.9/24

In: 0.014+/-0.000 χ^2/NDF :321351.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 568371.9/24

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.567+/-0.000

χ^2/NDF : 4193767398.3/11

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.588+/-0.000

χ^2/NDF : 9350838027.6/24

Right Out: 0.607+/-0.000

χ^2/NDF : 5106903983.6/12

In: 0.567+/-0.000

χ^2/NDF : 4193767398.3/11

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

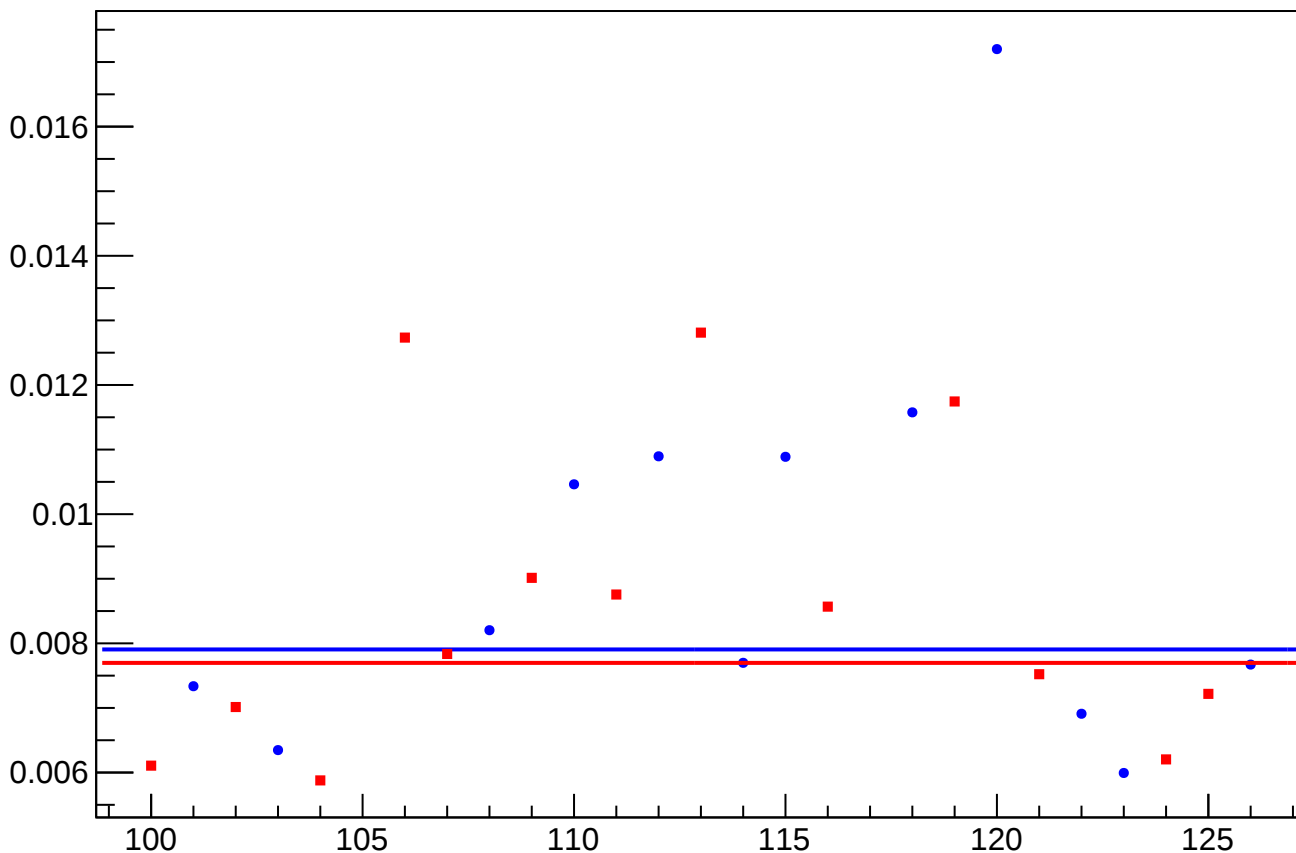
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.588+/-0.000

χ^2/NDF : 9350838027.6/24

yield_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 446186.2/11

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

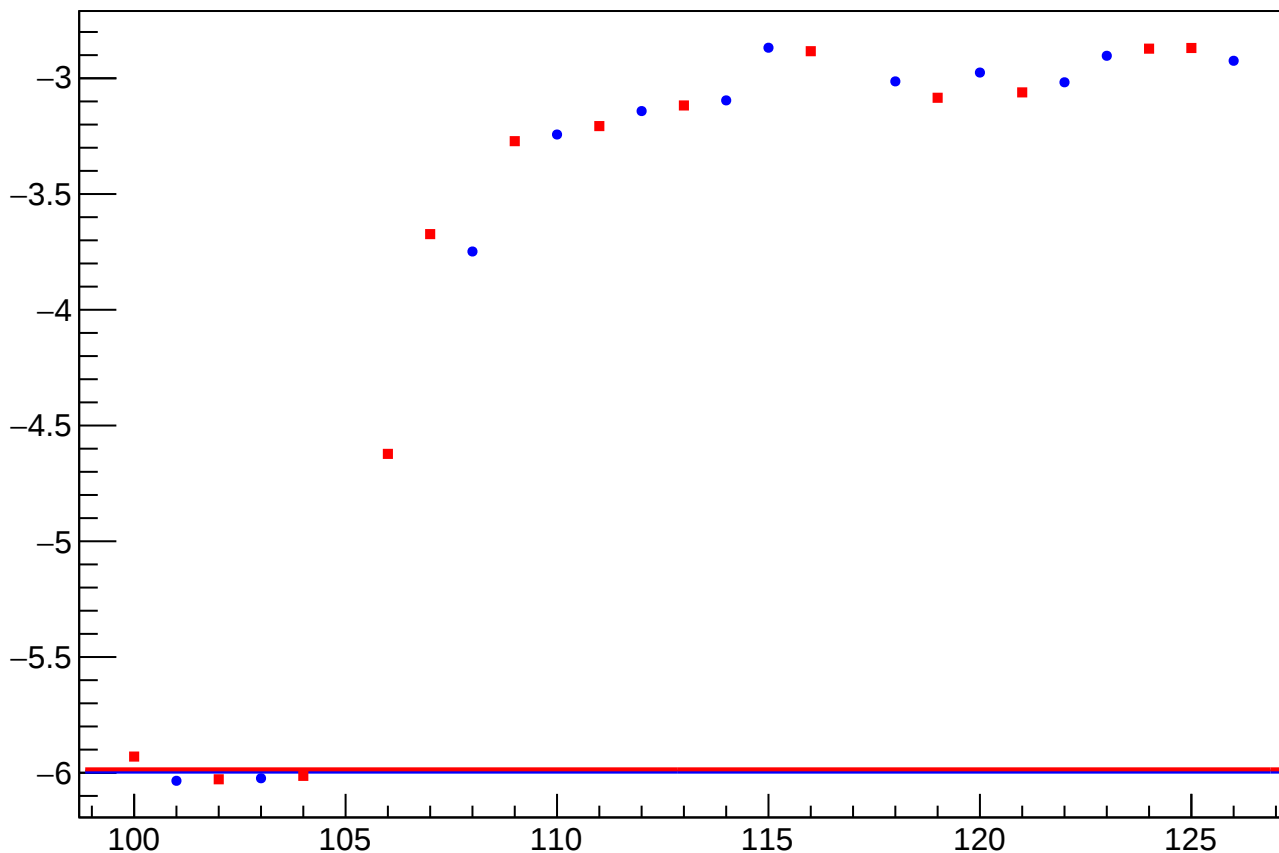
Right: 0.008+/-0.000 χ^2/NDF : 871627.4/24

In: 0.008+/-0.000 χ^2/NDF :446186.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 871627.4/24

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -5.995+/-0.000 χ^2/NDF : 4162168773.5/11

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

Right Out: -5.985+/-0.000 χ^2/NDF : 3695985675.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

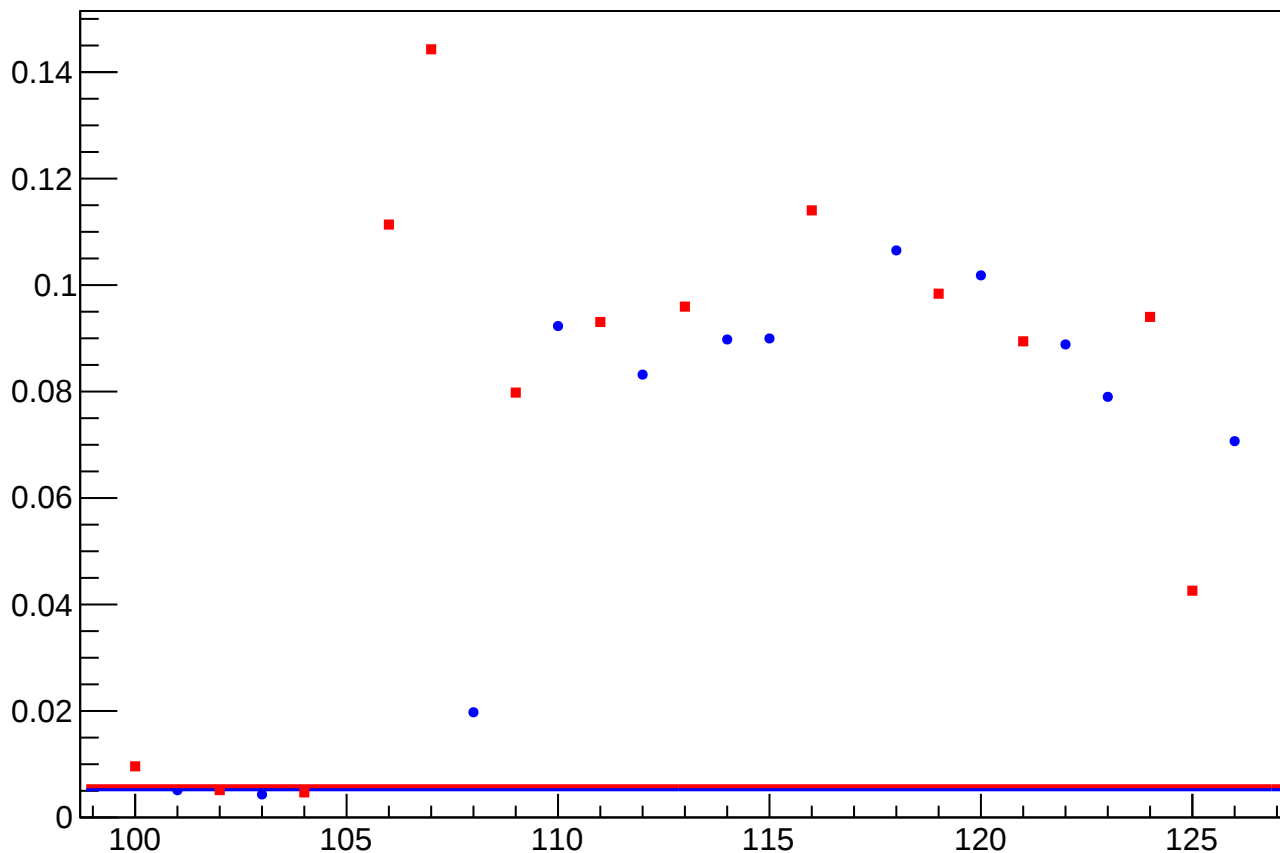
Right: -5.991+/-0.000 χ^2/NDF : 7860221566.6/24

In: -5.995+/-0.000 χ^2/NDF :4162168773.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.991+/-0.000 χ^2/NDF : 7860221566.6/24

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 4493568.2/11

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

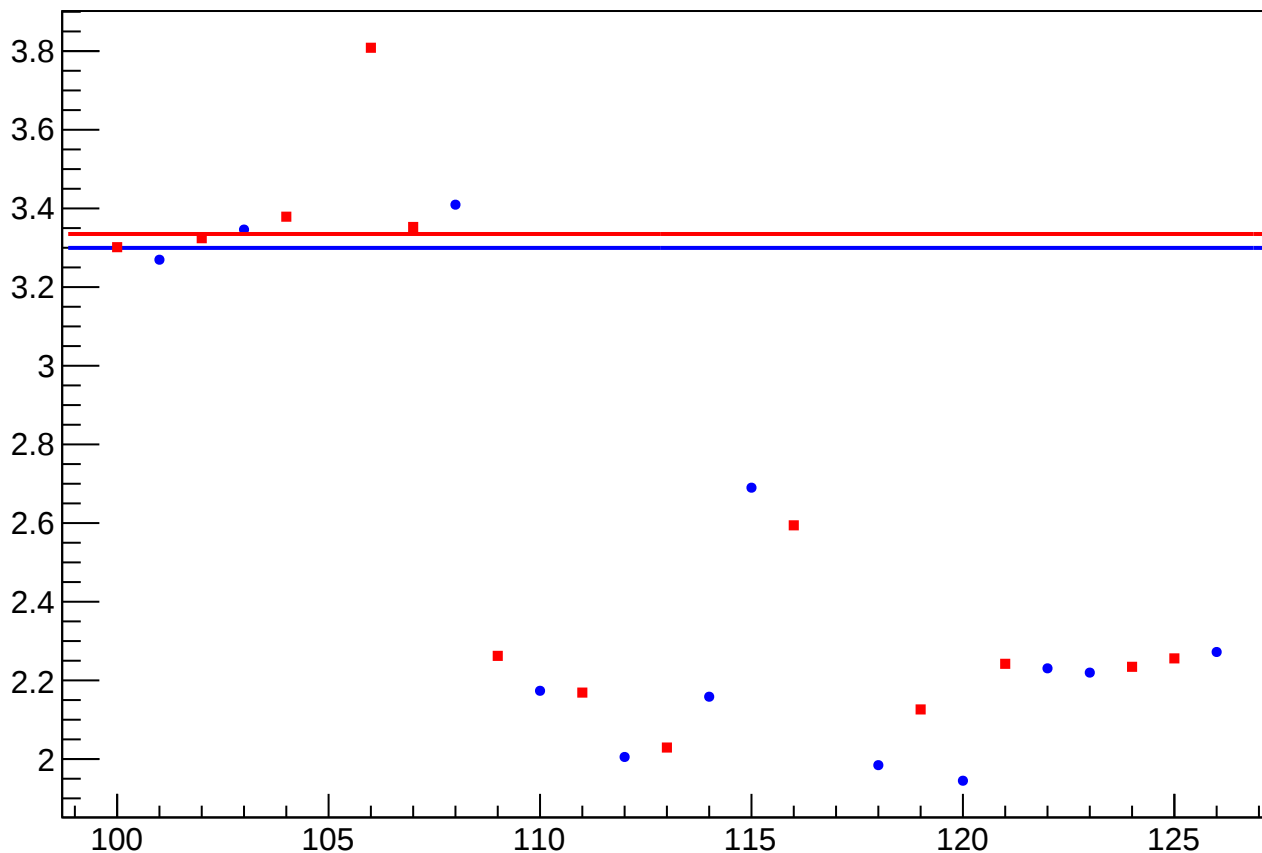
Right: 0.006+/-0.000 χ^2/NDF : 10339473.2/24

In: 0.005+/-0.000 χ^2/NDF :4493568.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 10339473.2/24

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.300+/-0.000 χ^2/NDF : 434752643.6/11

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

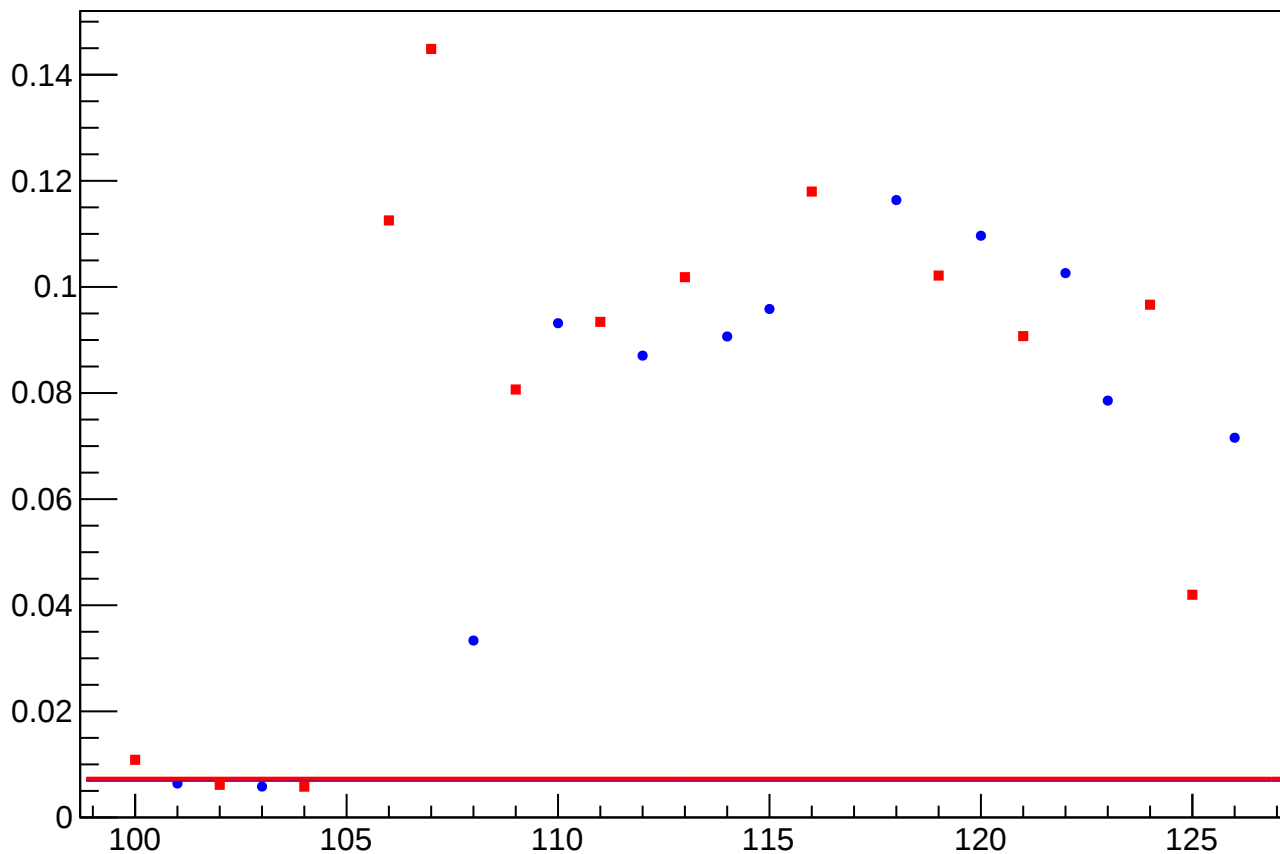
Right: 3.317+/-0.000 χ^2/NDF : 981217075.0/24

In: 3.300+/-0.000 χ^2/NDF :434752643.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3.317+/-0.000 χ^2/NDF : 981217075.0/24

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 4506864.5/11

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

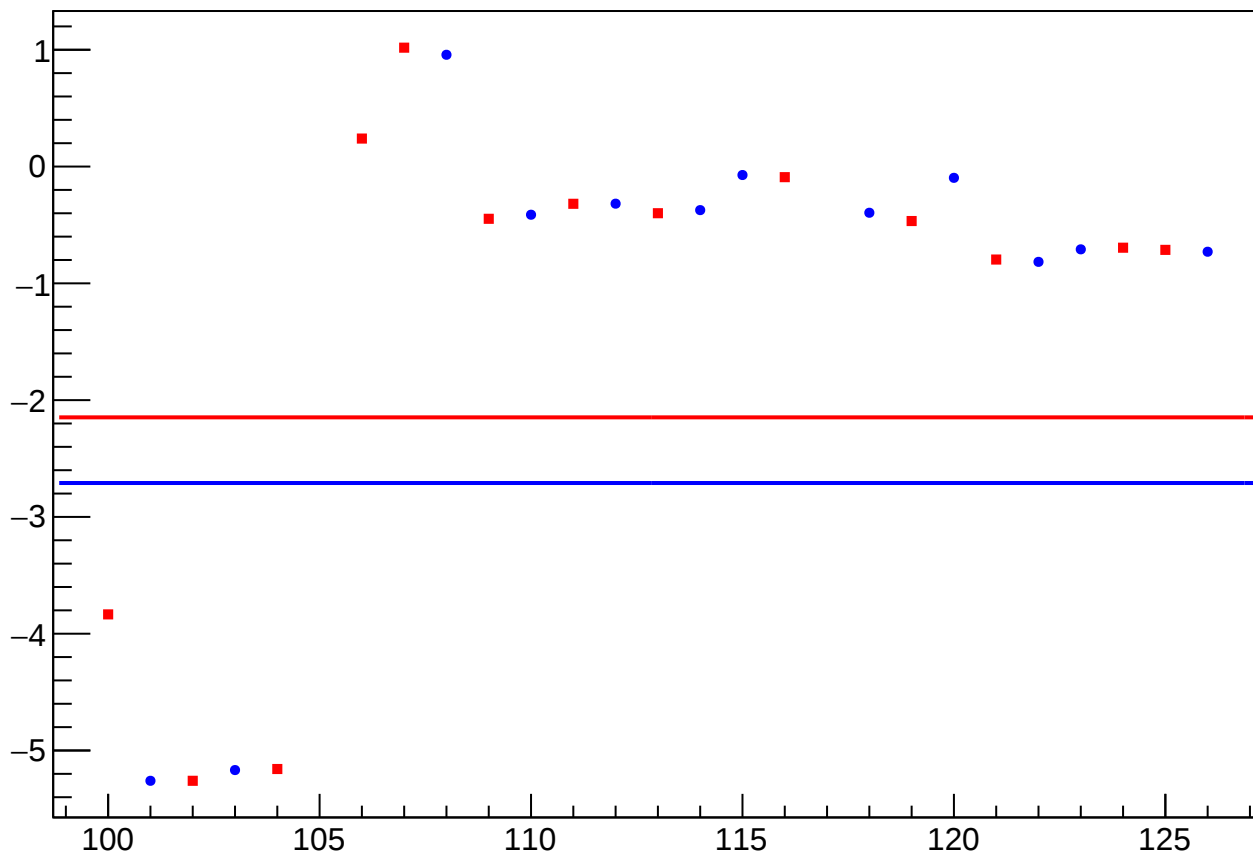
Right: 0.007+/-0.000 χ^2/NDF : 10164950.8/24

In: 0.007+/-0.000 χ^2/NDF :4506864.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 10164950.8/24

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -2.710+/-0.000 χ^2/NDF : 101070355236.8/11

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

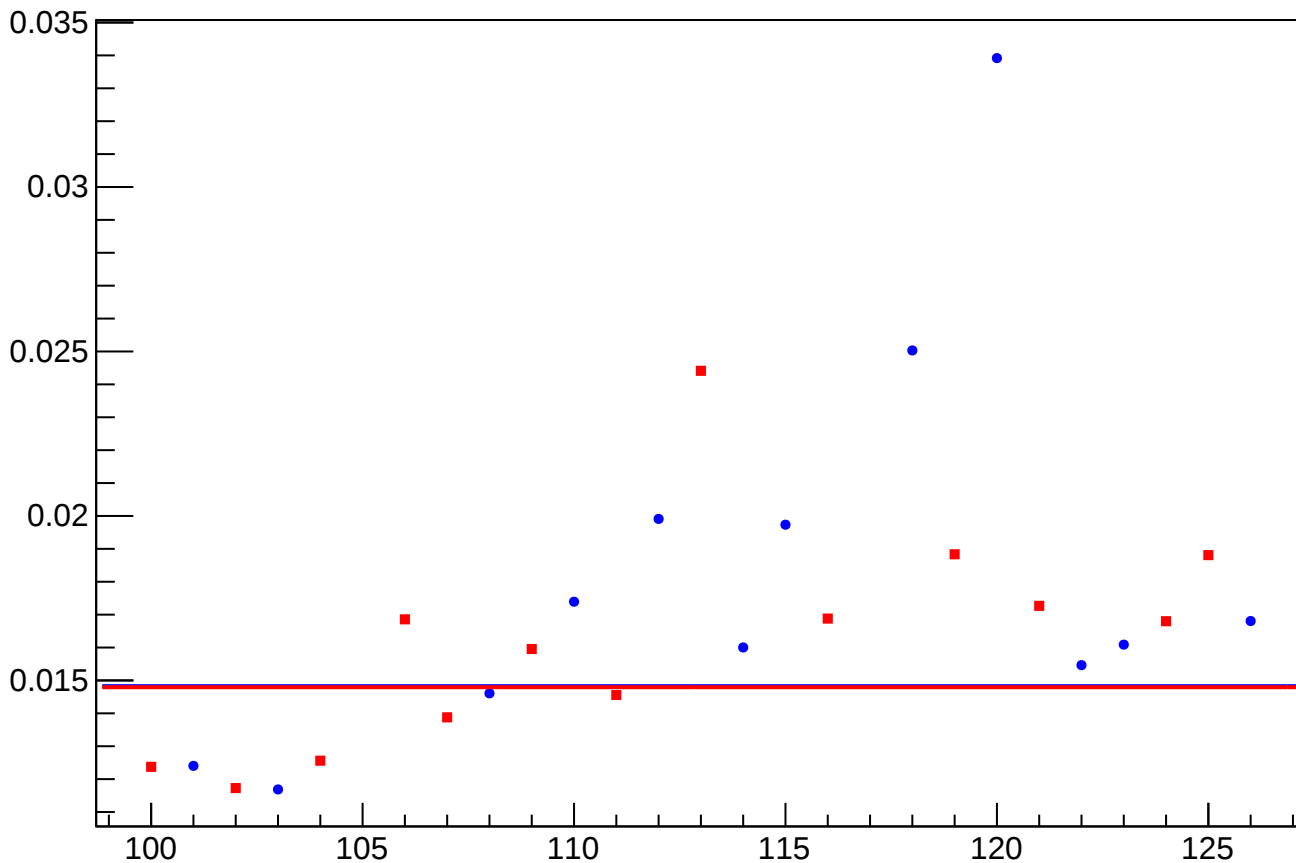
Right: -2.403+/-0.000 χ^2/NDF : 218268116914.8/24

In: -2.710+/-0.000 χ^2/NDF : 101070355236.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.403+/-0.000 χ^2/NDF : 218268116914.8

yield_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 505355.8/11

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

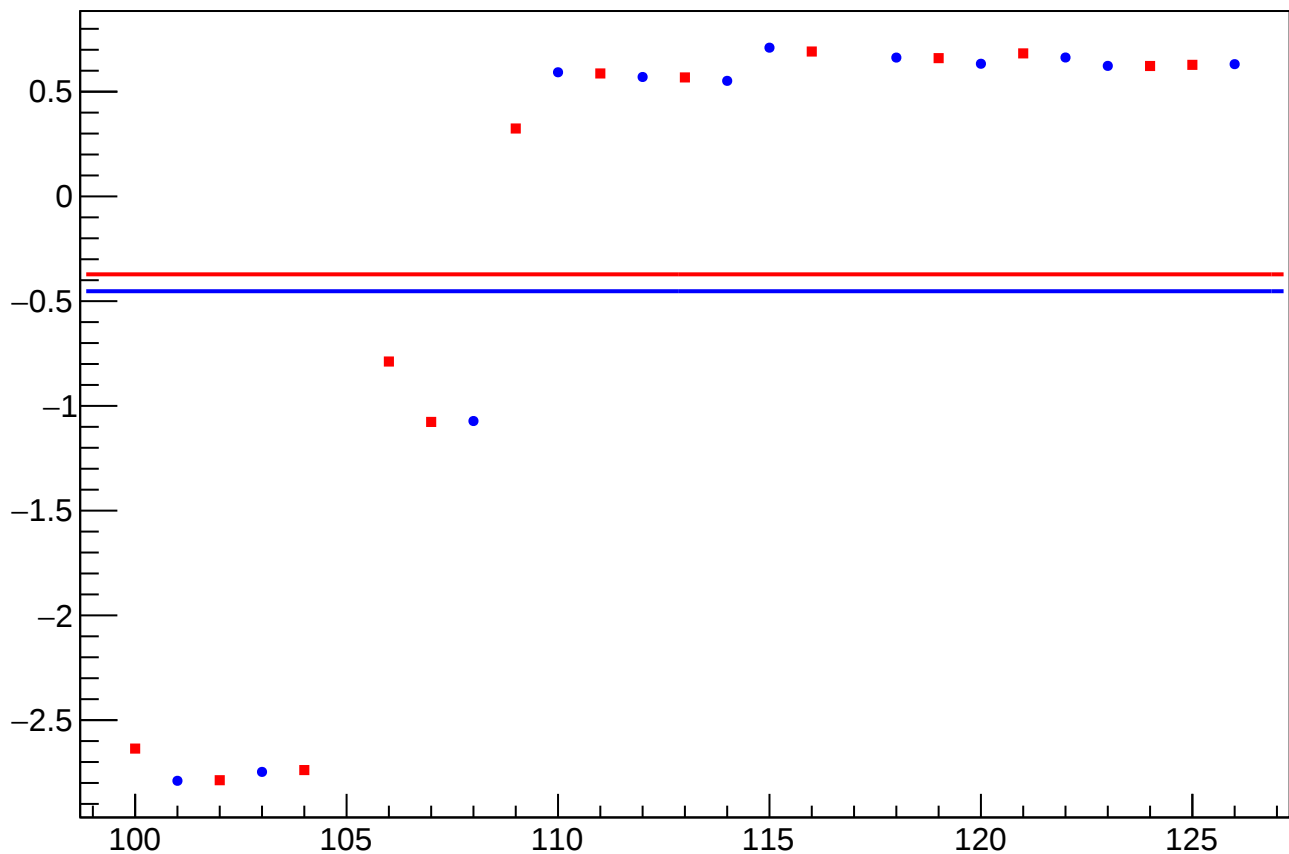
Right: 0.015+/-0.000 χ^2/NDF : 811017.8/24

In: 0.015+/-0.000 χ^2/NDF :505355.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.000 χ^2/NDF : 811017.8/24

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -0.453+/-0.000 χ^2/NDF : 630187713114.2/11

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

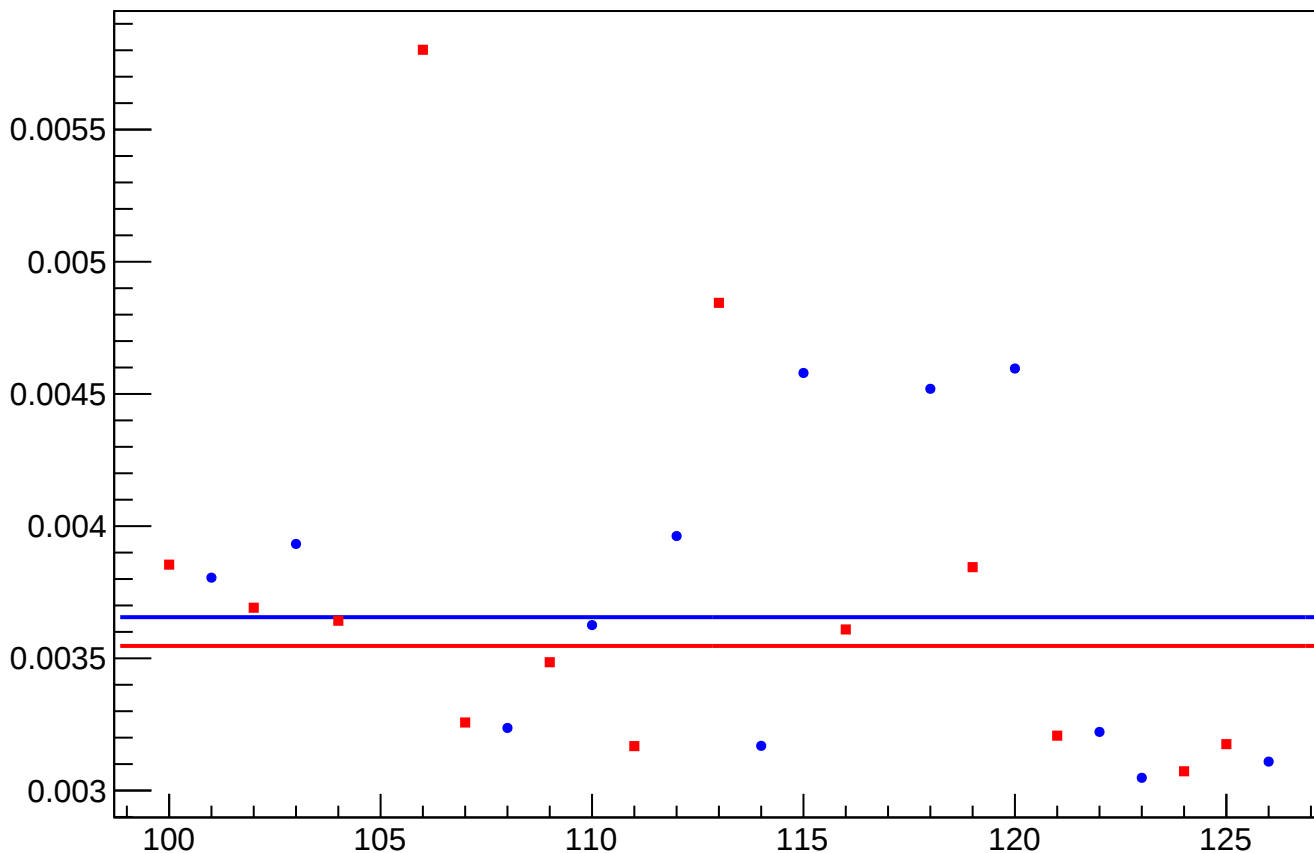
Right: -0.409+/-0.000 χ^2/NDF : 1319217387578.1/2

In: -0.453+/-0.000 χ^2/NDF :630187713114.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.409+/-0.000 χ^2/NDF : 1319217387578

yield_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 136636.4/11

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

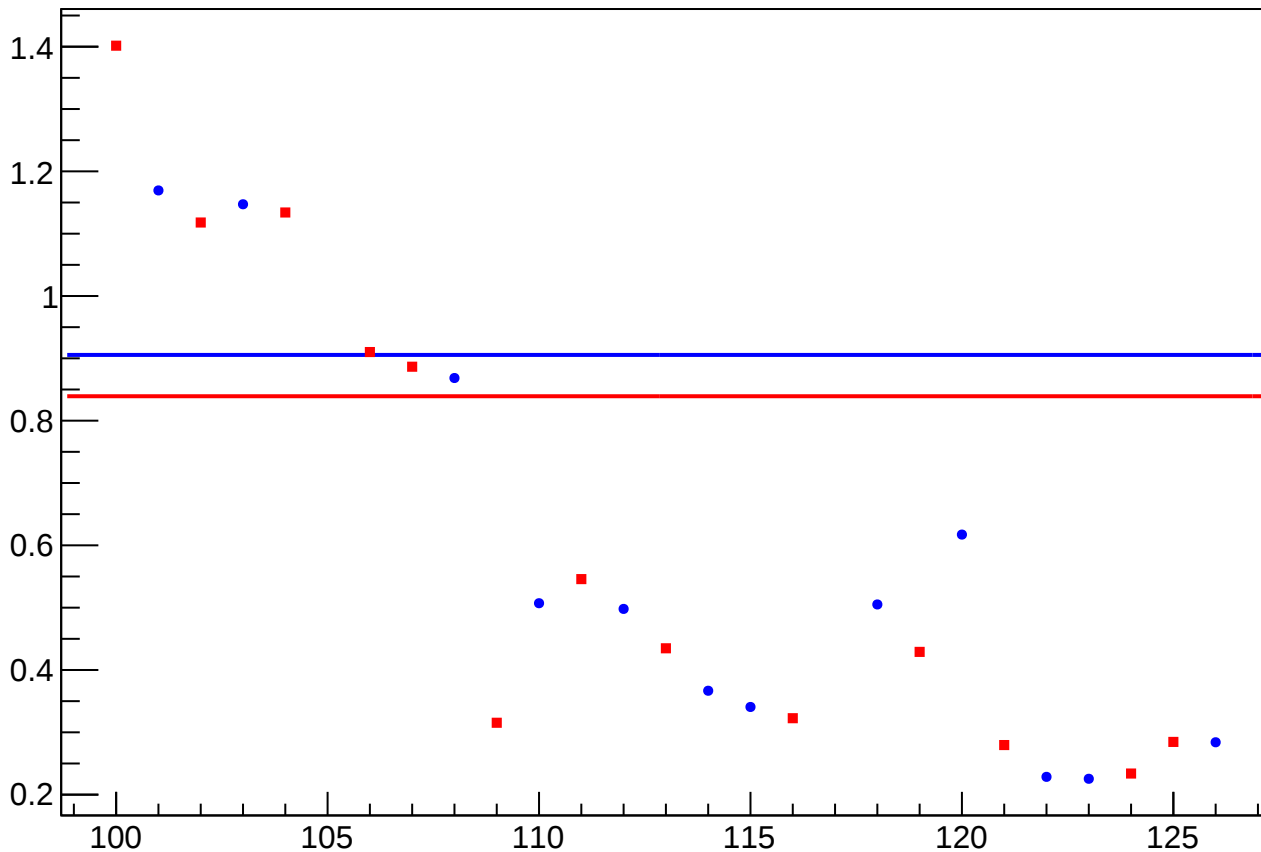
Right: 0.004+/-0.000 χ^2/NDF : 327257.5/24

In: 0.004+/-0.000 χ^2/NDF :136636.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 327257.5/24

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 0.905+/-0.000 χ^2/NDF : 13133711530.0/11

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

Right Out: 0.839+/-0.000 χ^2/NDF : 15343636240.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

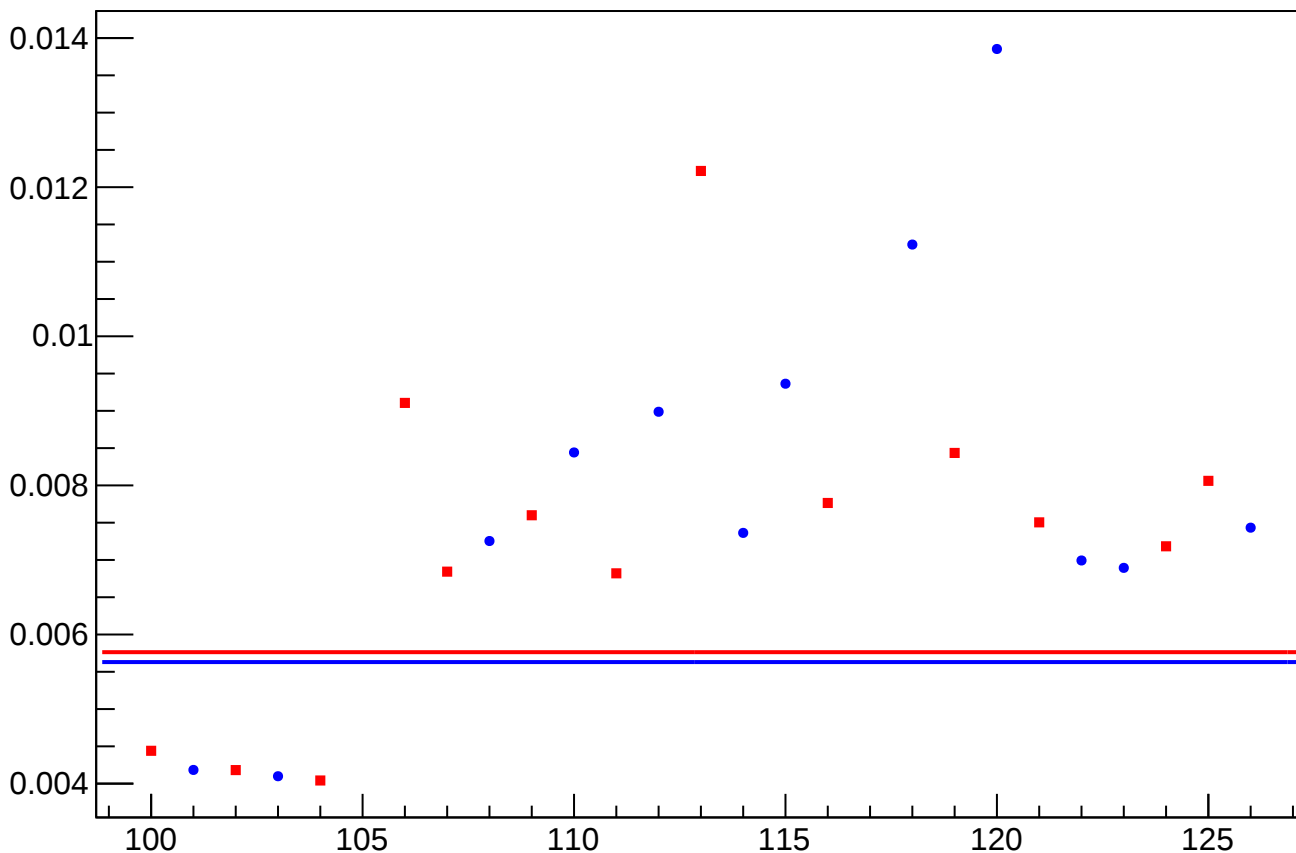
Right: 0.871+/-0.000 χ^2/NDF : 28712880246.6/24

In: 0.905+/-0.000 χ^2/NDF : 13133711530.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.871+/-0.000 χ^2/NDF : 28712880246.6/24

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 992731.7/11

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

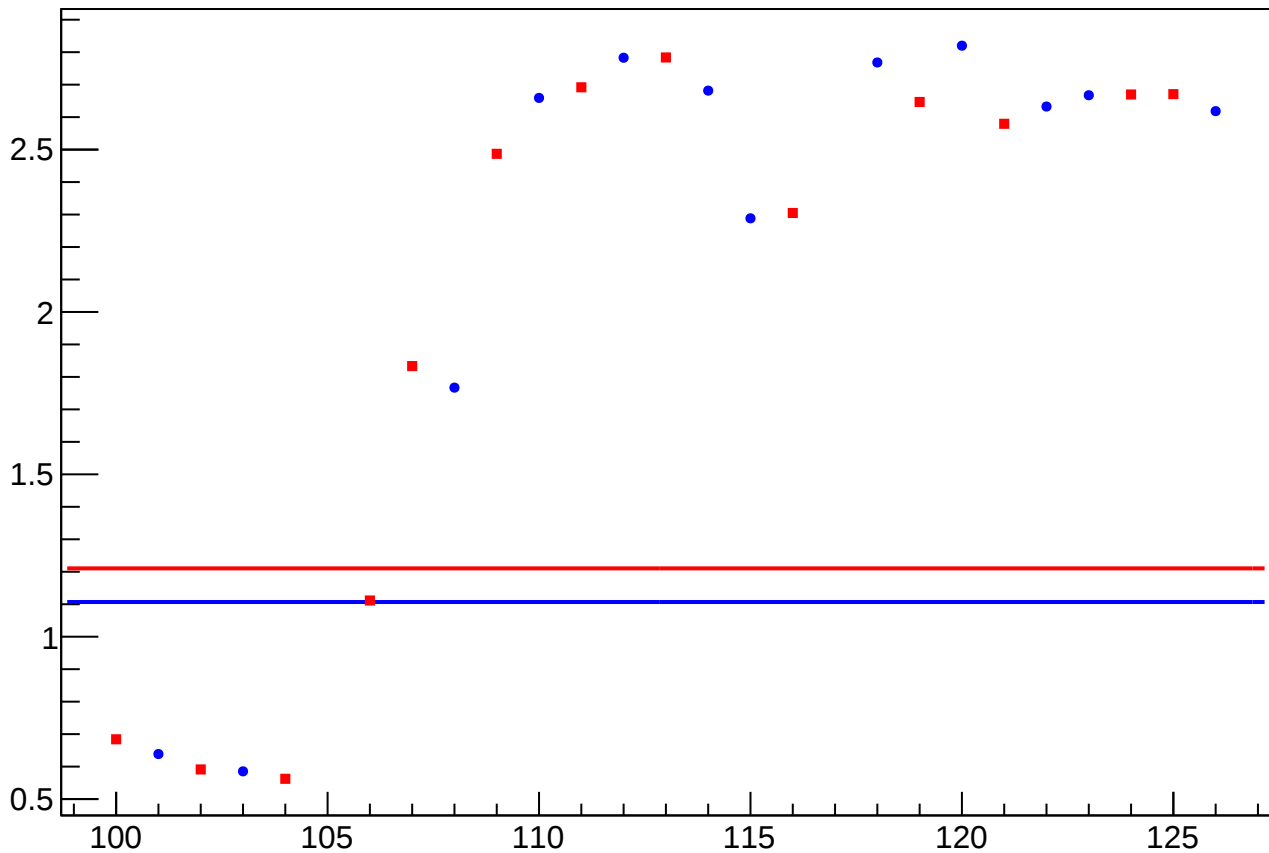
Right: 0.006+/-0.000 χ^2/NDF : 1857136.6/24

In: 0.006+/-0.000 χ^2/NDF :992731.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1857136.6/24

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 1.107+/-0.000

χ^2/NDF : 77911856503.2/11

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 1.161+/-0.000 χ^2/NDF : 173553532897.5/24

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 1.107+/-0.000 χ^2/NDF : 77911856503.2/11

Right Out: 1.210+/-0.000 χ^2/NDF : 95037247605.7/12

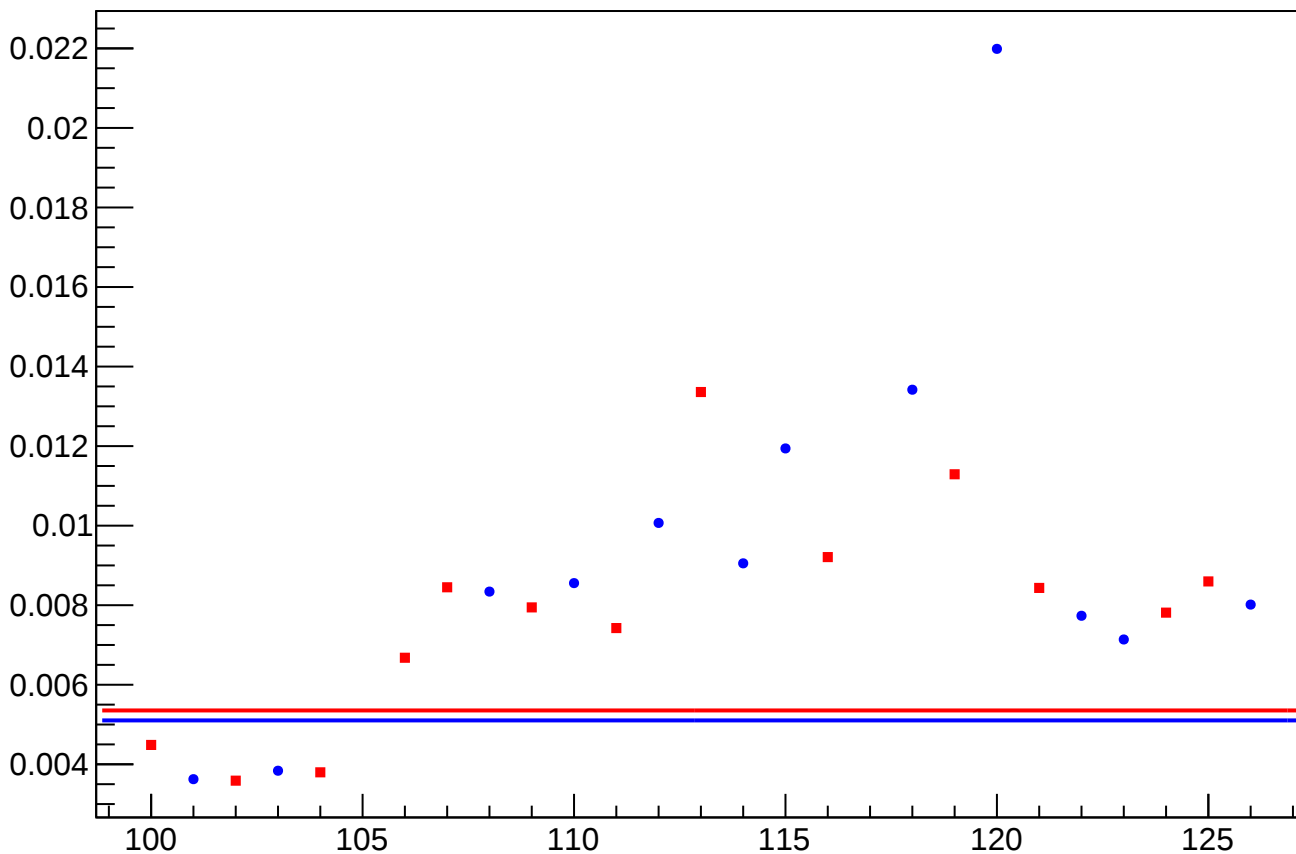
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.161+/-0.000 χ^2/NDF : 173553532897.5

yield_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1474801.3/11

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

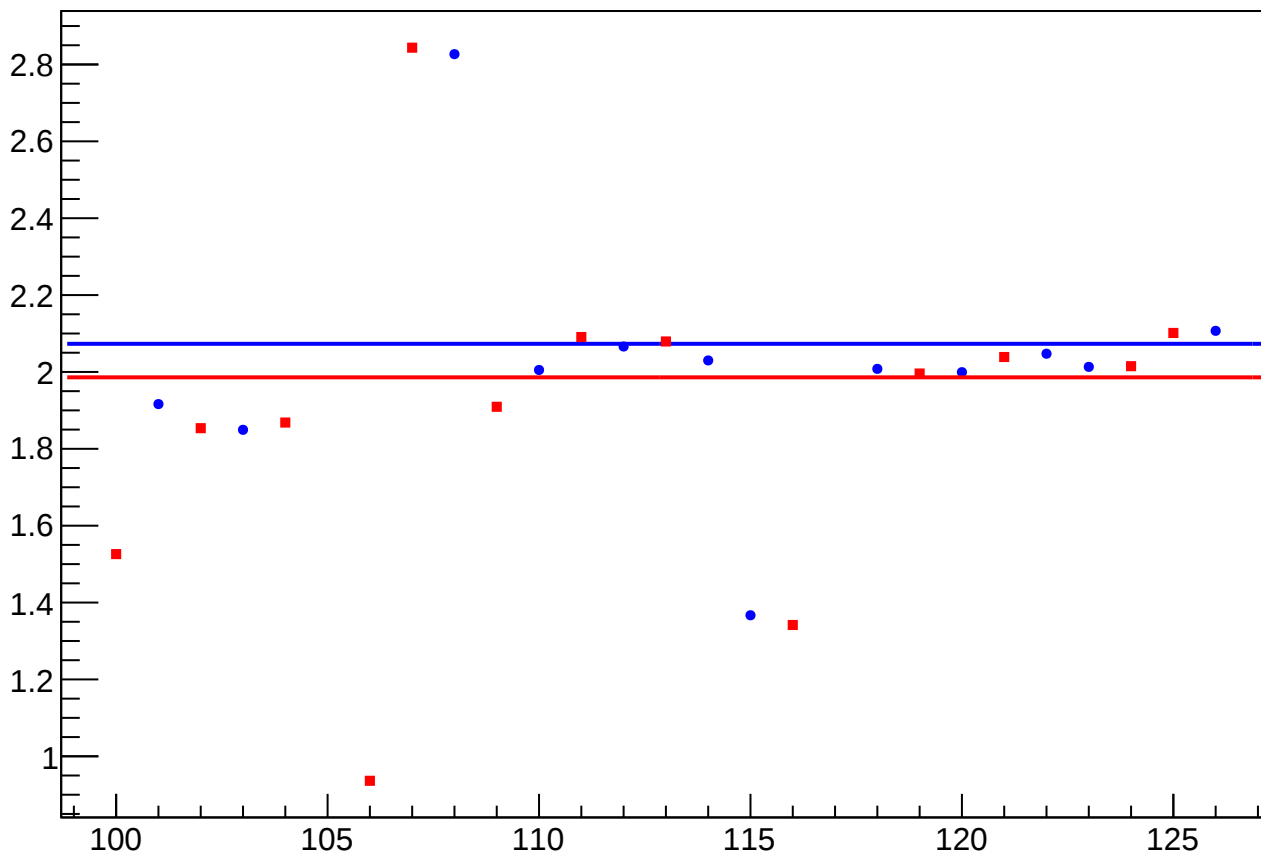
Right: 0.005+/-0.000 χ^2/NDF : 2815415.6/24

In: 0.005+/-0.000 χ^2/NDF :1474801.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2815415.6/24

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.073+/-0.000

χ^2/NDF : 7402028218.6/11

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 2.026+/-0.000 χ^2/NDF : 22901015342.8/24

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 2.073+/-0.000 χ^2/NDF : 7402028218.6/11

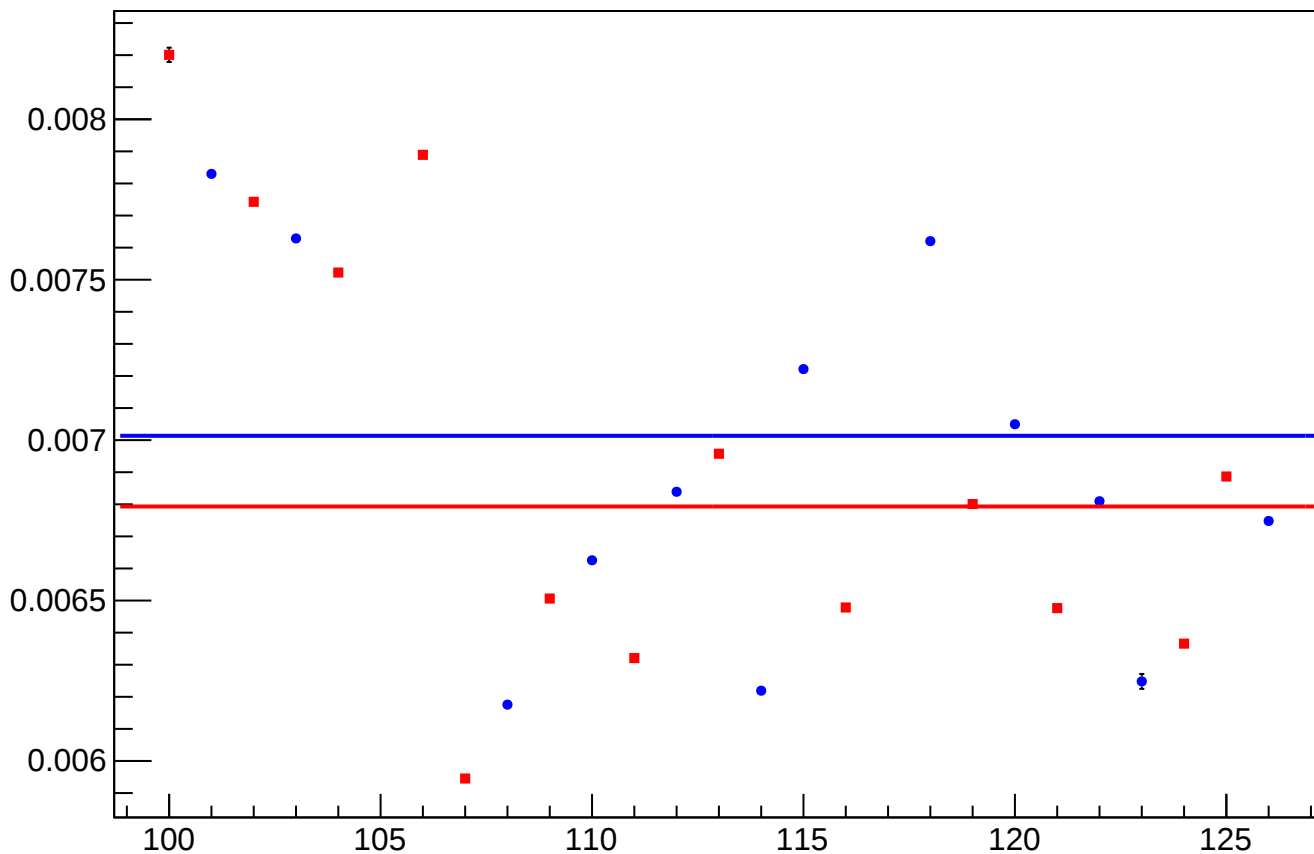
Right Out: 1.986+/-0.000 χ^2/NDF : 15160053628.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

All: 2.026+/-0.000 χ^2/NDF : 22901015342.8/24

yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 47483.4/11

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

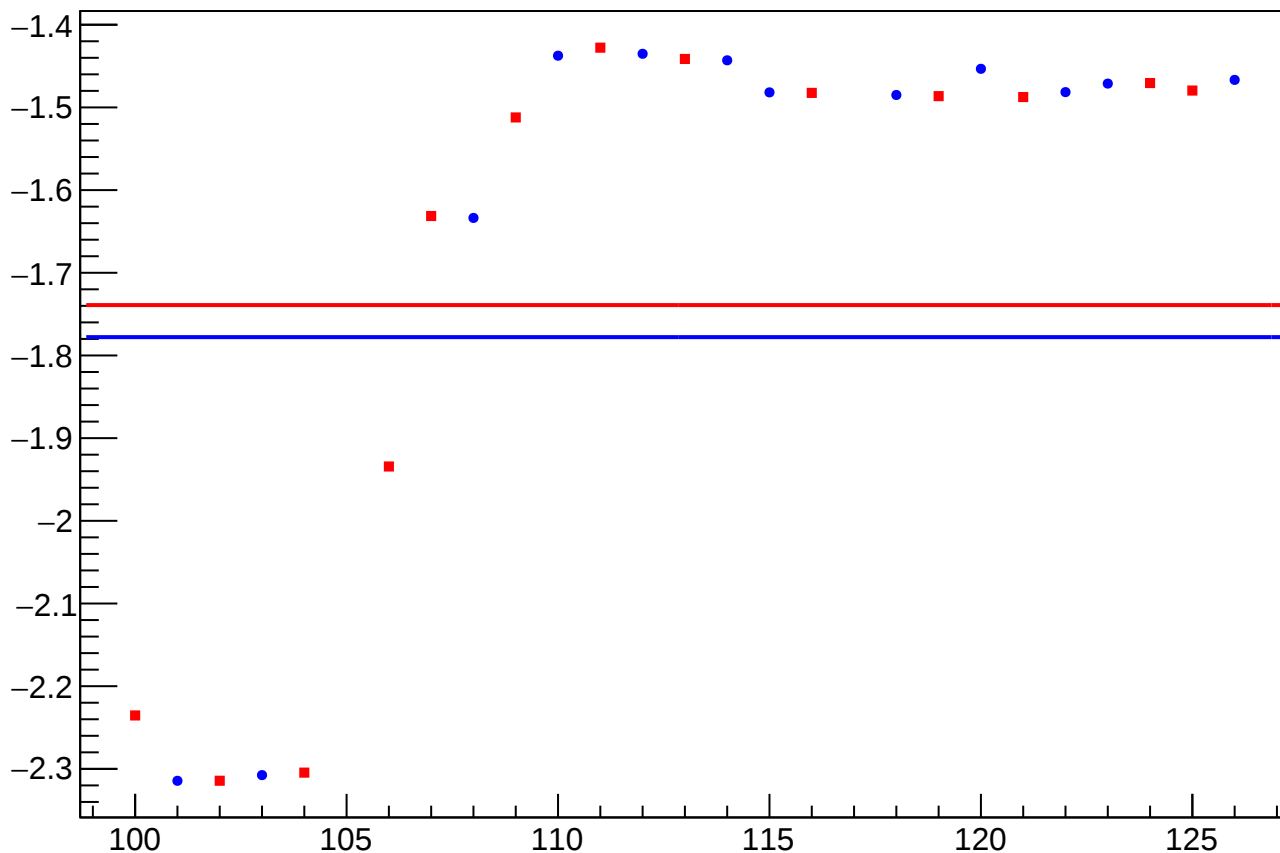
Right: 0.007+/-0.000 χ^2/NDF : 116200.6/24

In: 0.007+/-0.000 χ^2/NDF :47483.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 116200.6/24

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -1.778+/-0.000 χ^2/NDF : 85834599760.7/11

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

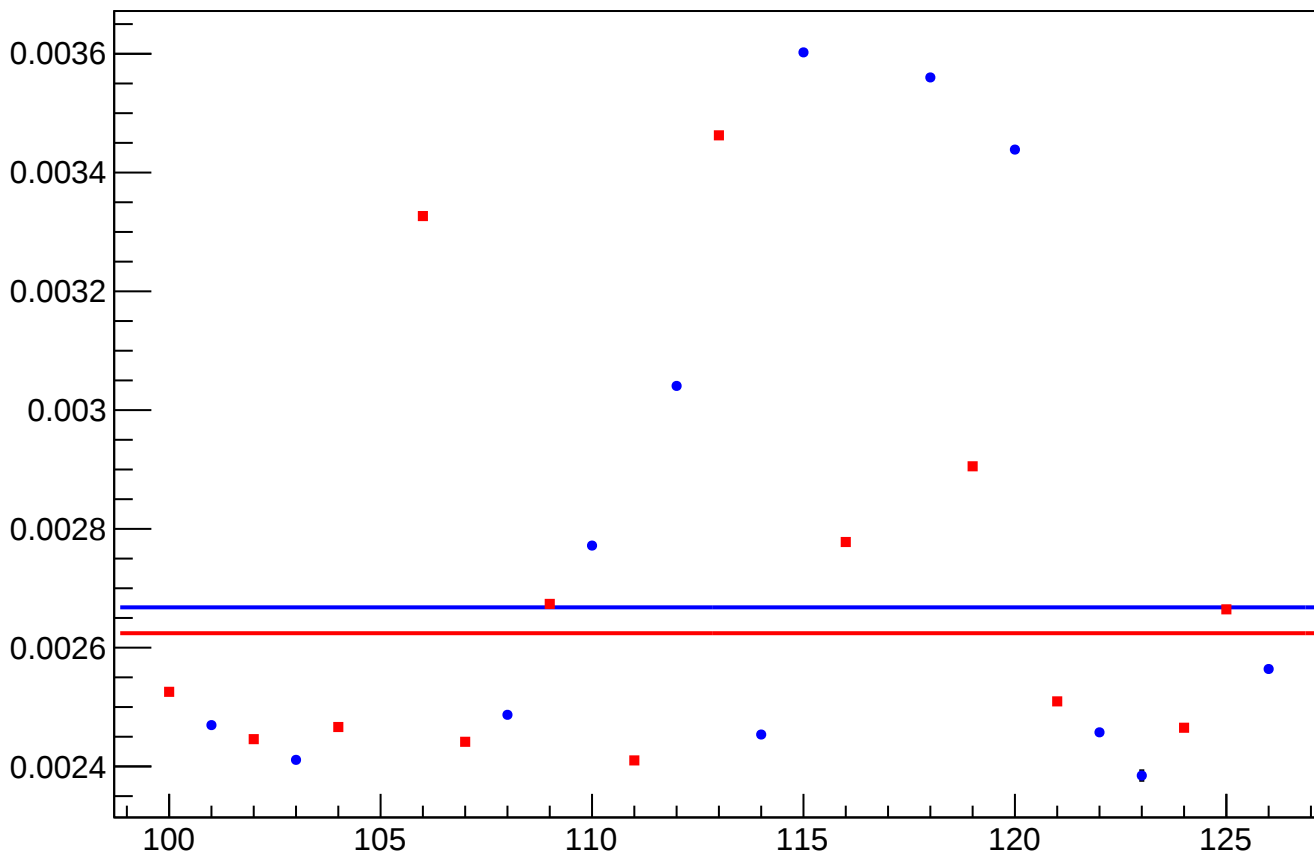
Right: -1.757+/-0.000 χ^2/NDF : 172916928585.3/24

In: -1.778+/-0.000 χ^2/NDF :85834599760.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.757+/-0.000 χ^2/NDF : 172916928585.3

yield_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 147371.9/11

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

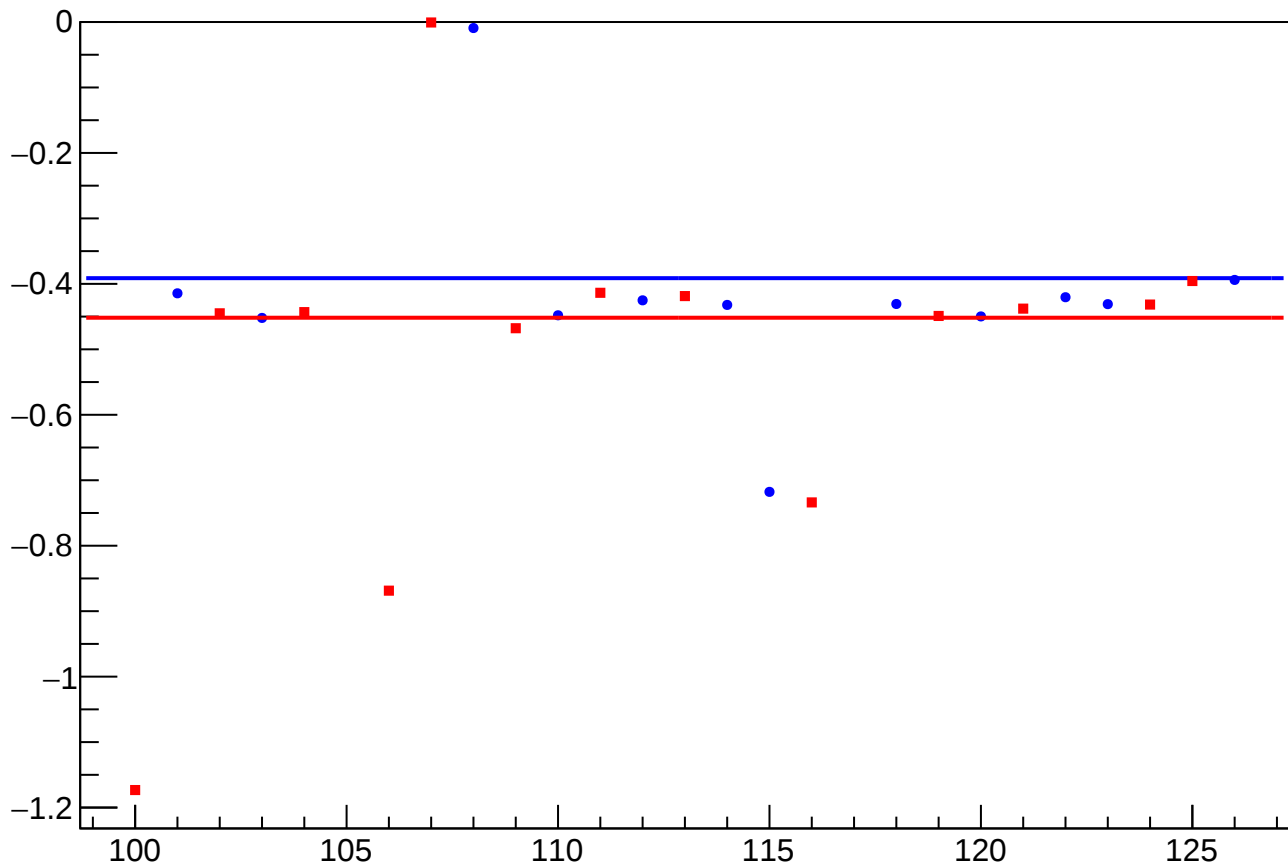
Right: 0.003+/-0.000 χ^2/NDF : 248746.8/24

In: 0.003+/-0.000 χ^2/NDF :147371.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 248746.8/24

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.391+/-0.000 χ^2/NDF : 657149710.0/11

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

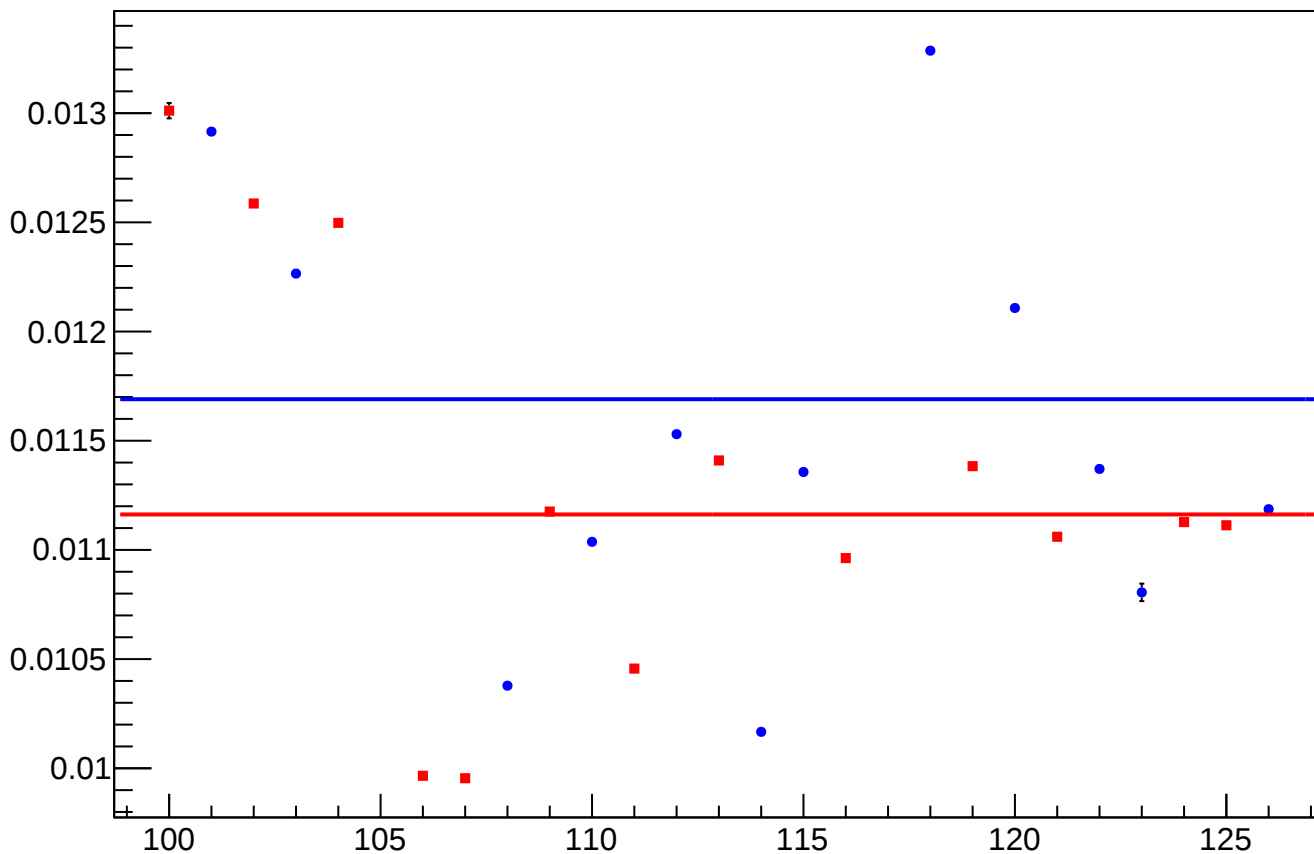
Right: -0.425+/-0.000 χ^2/NDF : 2335200445.7/24

In: -0.391+/-0.000 χ^2/NDF : 657149710.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.425+/-0.000 χ^2/NDF : 2335200445.7/24

yield_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 49007.4/11

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

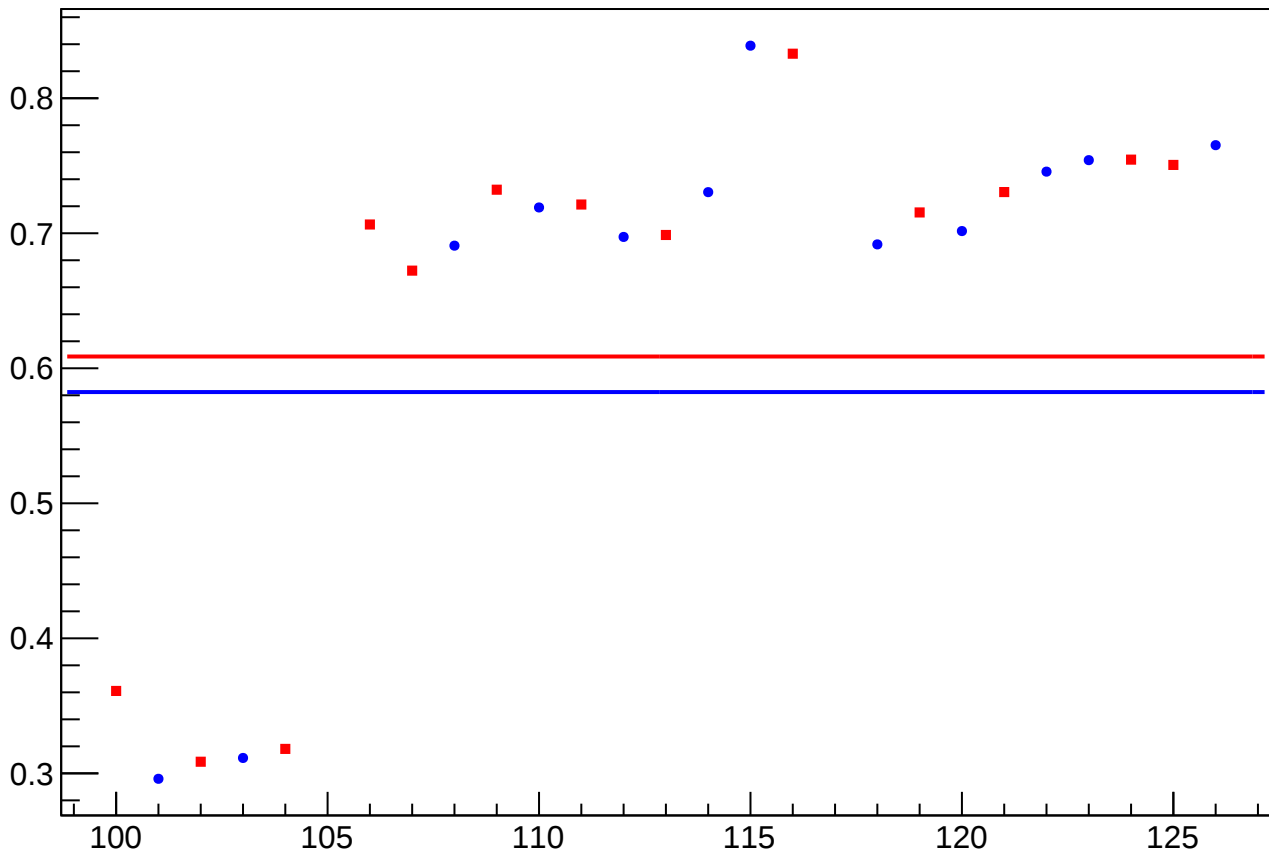
Right: 0.011+/-0.000 χ^2/NDF : 109189.9/24

In: 0.012+/-0.000 χ^2/NDF :49007.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 109189.9/24

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.582+/-0.000 χ^2/NDF : 23617253755.8/11

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

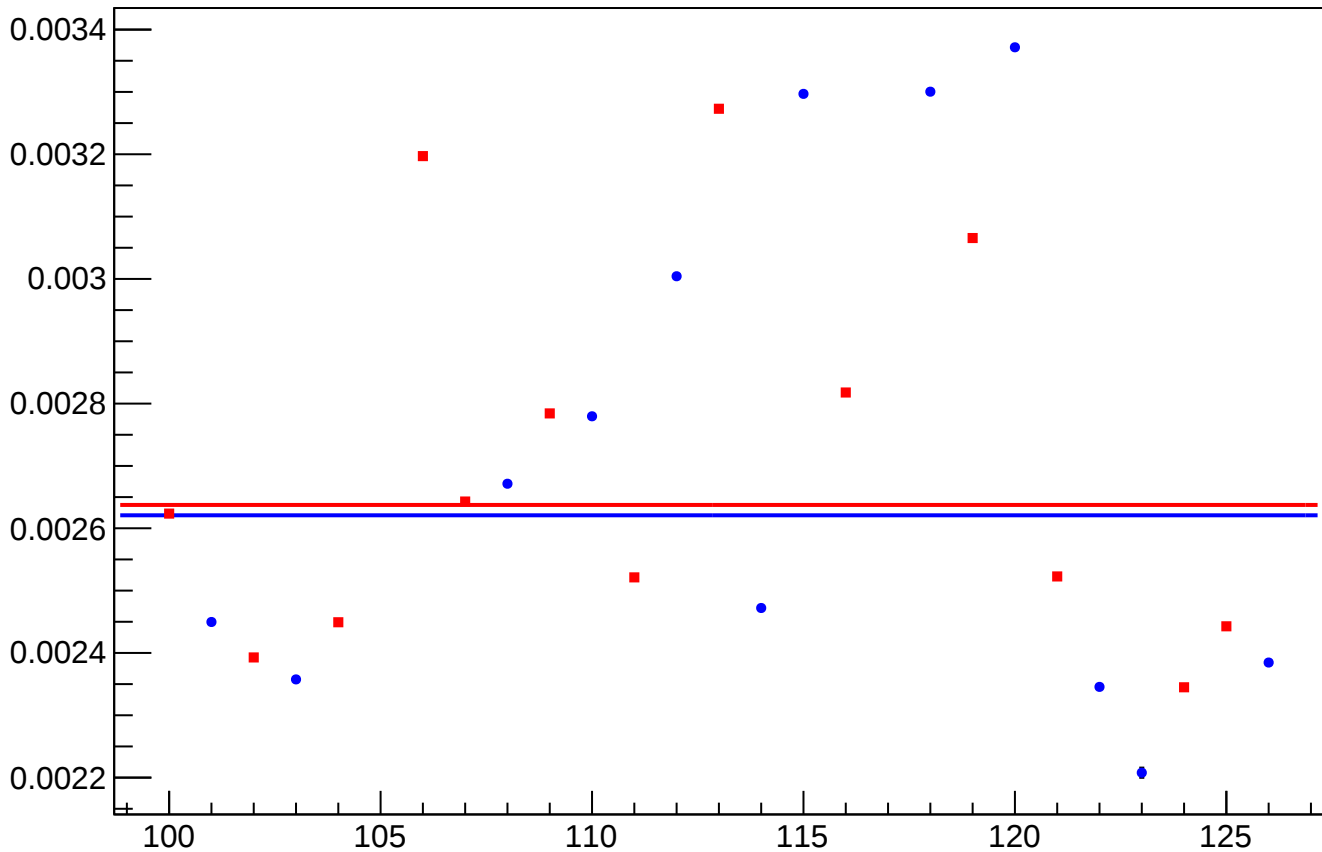
Right: 0.596+/-0.000 χ^2/NDF : 46640899428.5/24

In: 0.582+/-0.000 χ^2/NDF :23617253755.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.596+/-0.000 χ^2/NDF : 46640899428.5/24

yield_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 136263.1/11

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

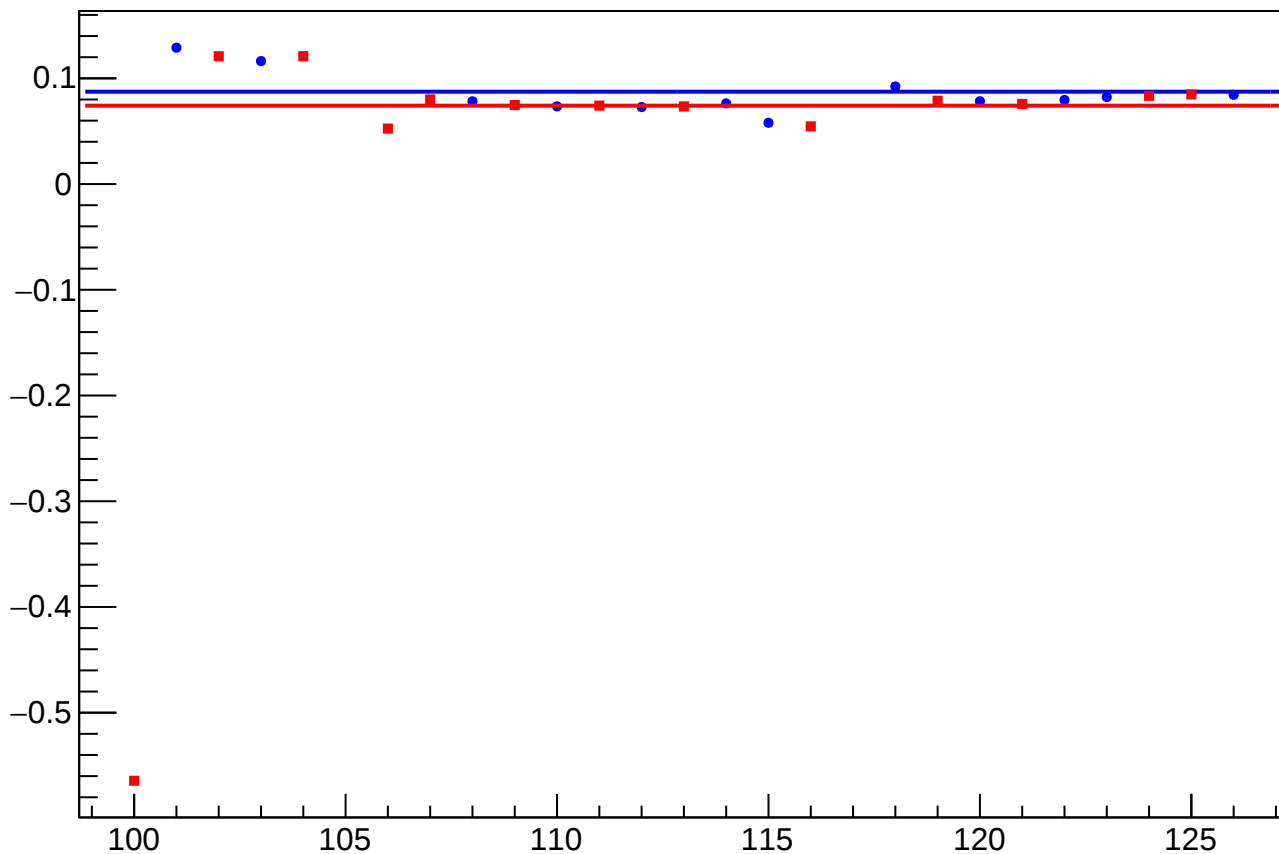
Right: 0.003+/-0.000 χ^2/NDF : 230539.9/24

In: 0.003+/-0.000 χ^2/NDF :136263.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 230539.9/24

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.087+/-0.000 χ^2/NDF : 14877299.7/11

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

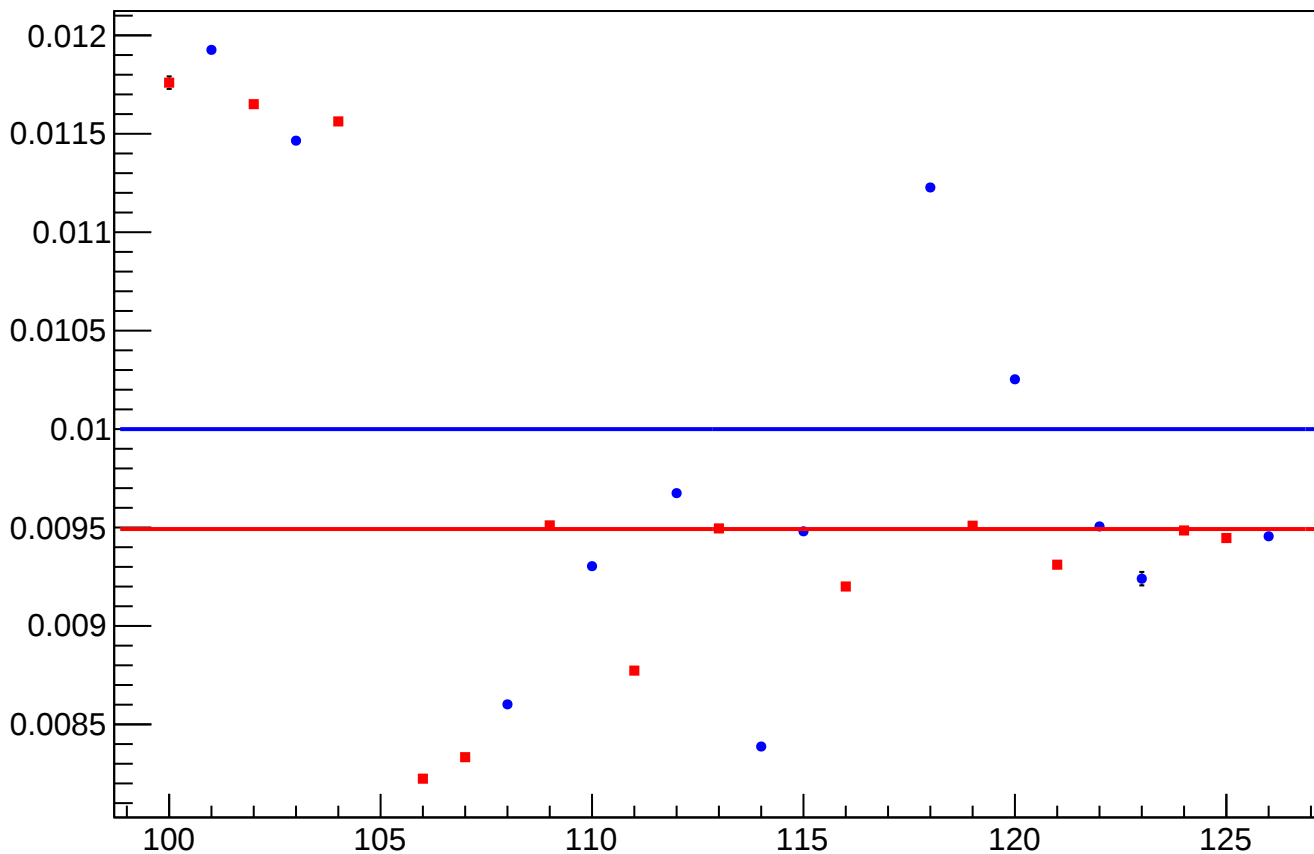
Right: 0.080+/-0.000 χ^2/NDF : 240179887.2/24

In: 0.087+/-0.000 χ^2/NDF :14877299.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.080+/-0.000 χ^2/NDF : 240179887.2/24

yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 97773.8/11

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

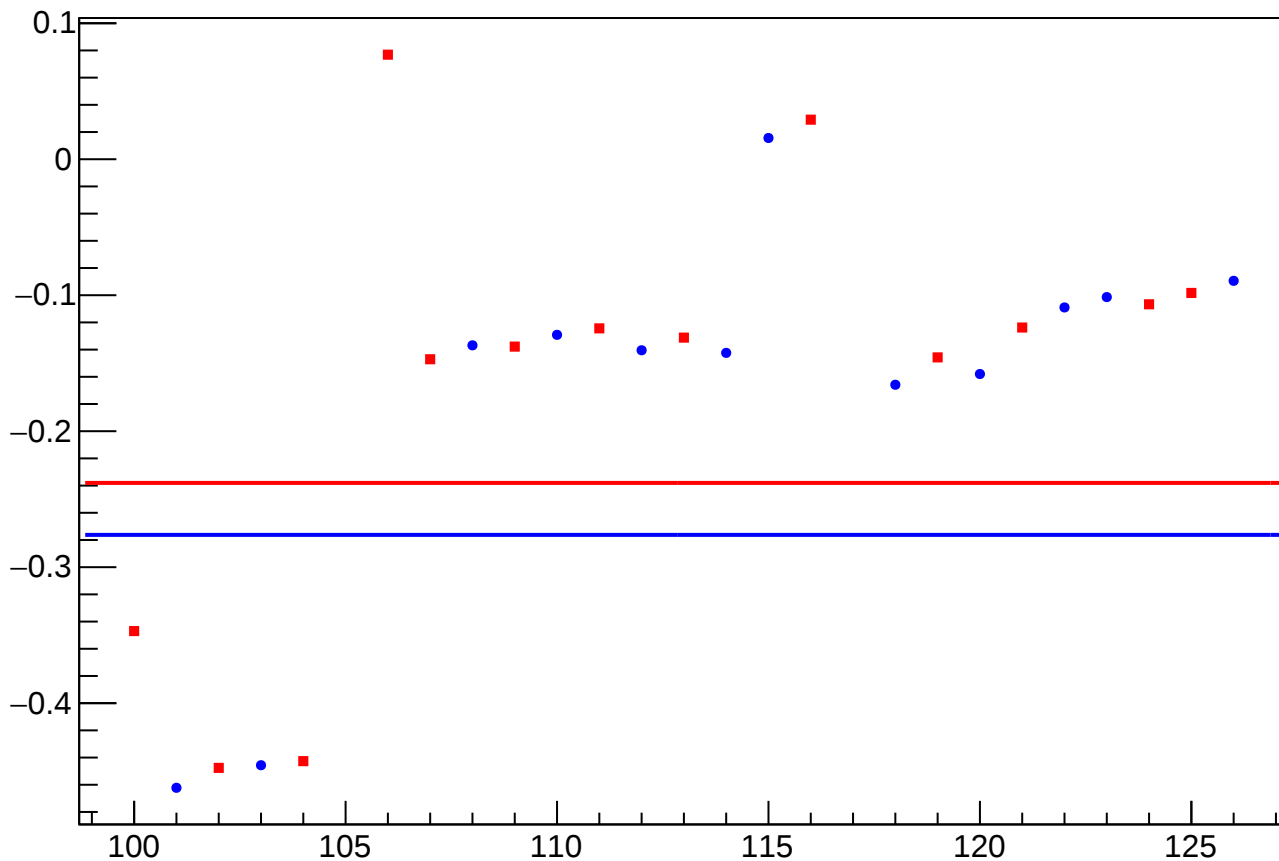
Right: 0.010+/-0.000 χ^2/NDF : 215728.3/24

In: 0.010+/-0.000 χ^2/NDF : 97773.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 215728.3/24

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.276+/-0.000 χ^2/NDF : 5297811194.3/11

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

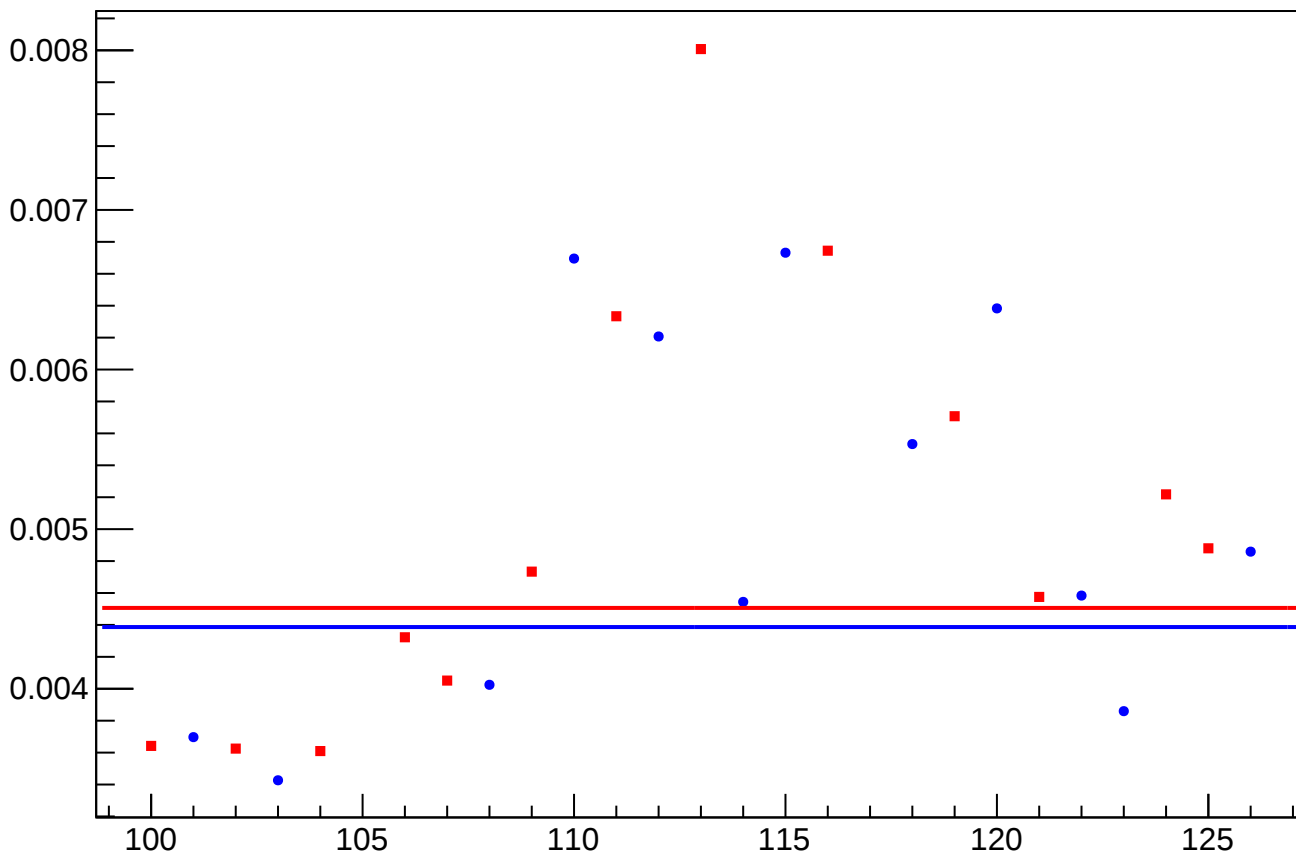
Right: -0.257+/-0.000 χ^2/NDF : 11477065028.6/24

In: -0.276+/-0.000 χ^2/NDF : 5297811194.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.257+/-0.000 χ^2/NDF : 11477065028.6/24

yield_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 414923.0/11

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

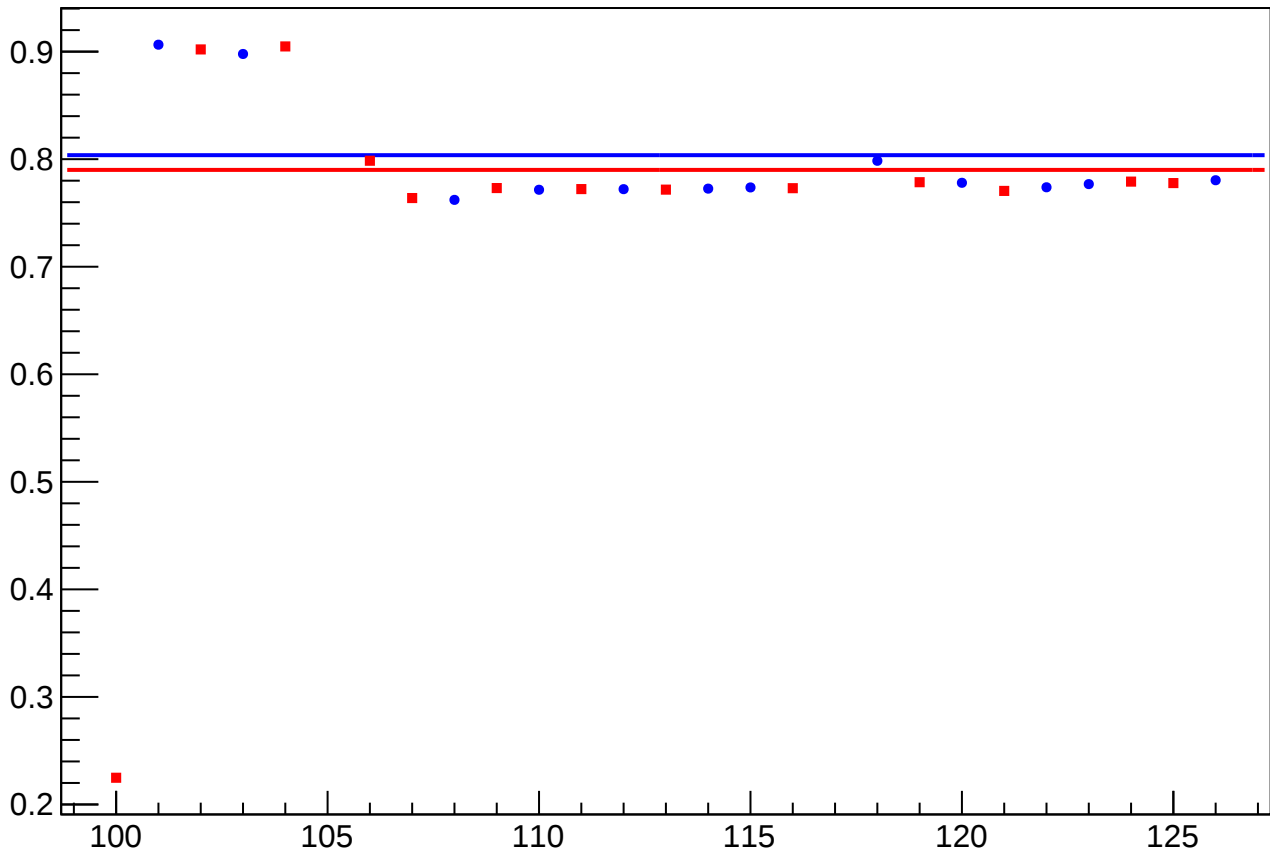
Right: 0.004+/-0.000 χ^2/NDF : 884005.3/24

In: 0.004+/-0.000 χ^2/NDF :414923.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 884005.3/24

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.804+/-0.000 χ^2/NDF : 92498975.1/11

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

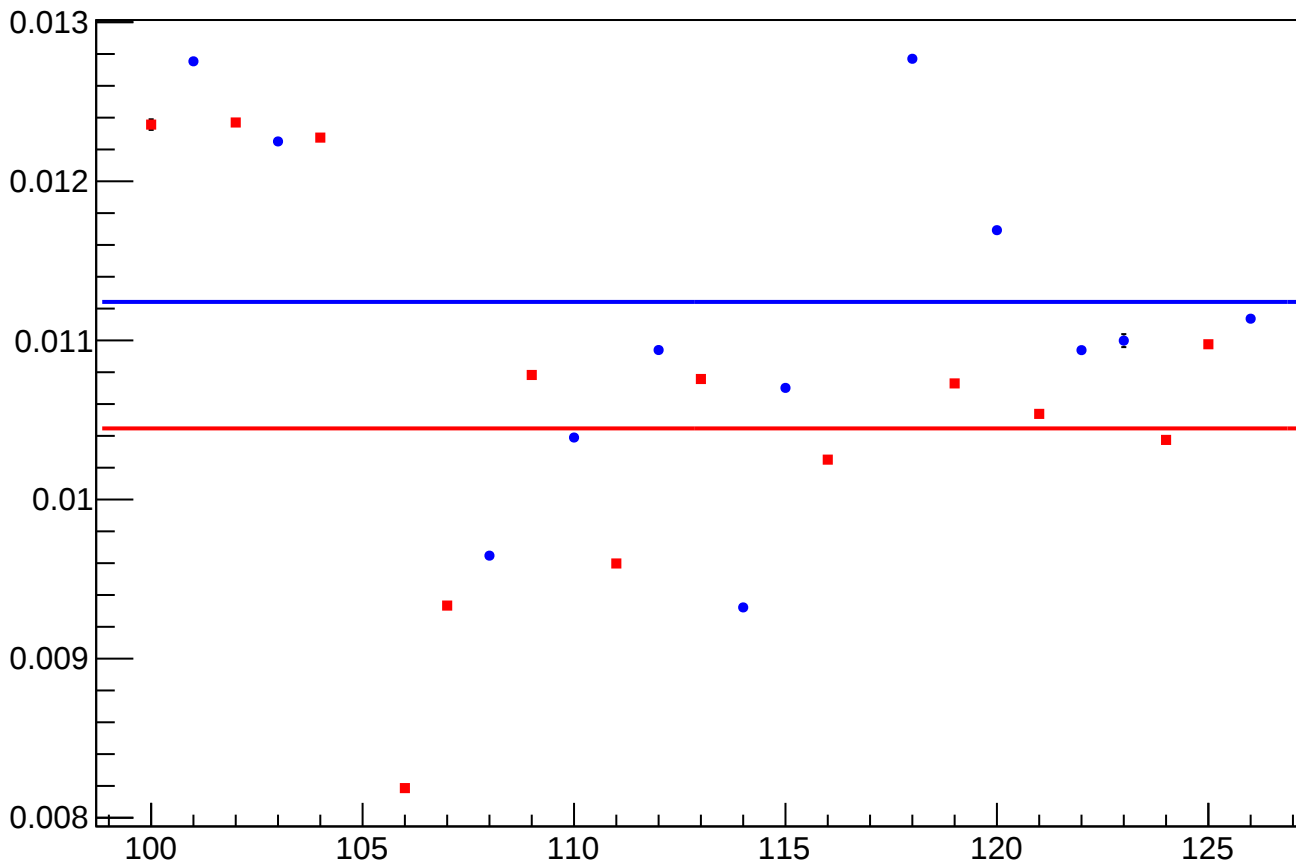
Right: 0.796+/-0.000 χ^2/NDF : 334184790.3/24

In: 0.804+/-0.000 χ^2/NDF : 92498975.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.796+/-0.000 χ^2/NDF : 334184790.3/24

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 73738.2/11

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

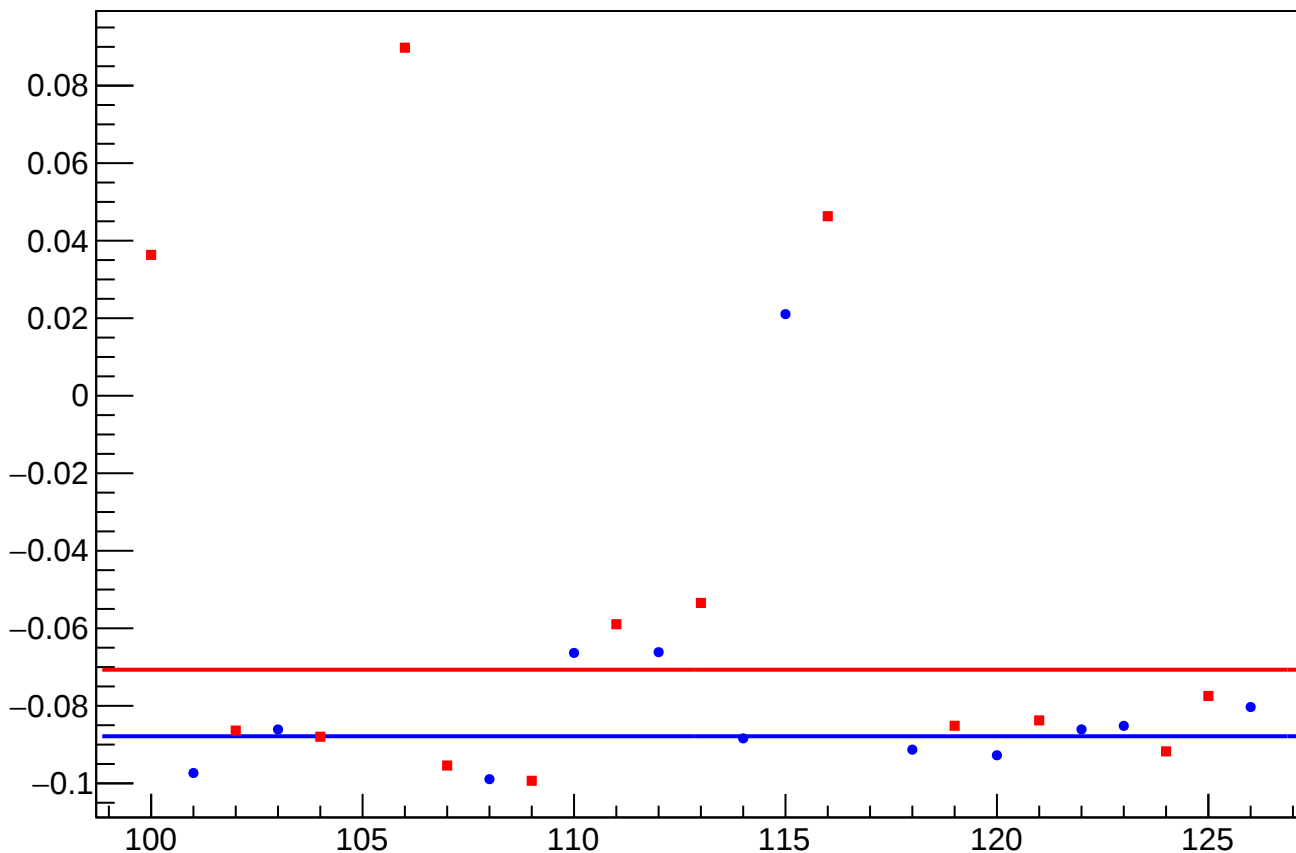
Right: 0.011+/-0.000 χ^2/NDF : 212370.6/24

In: 0.011+/-0.000 χ^2/NDF : 73738.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 212370.6/24

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -0.088+/-0.000 χ^2/NDF : 36010898.0/11

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

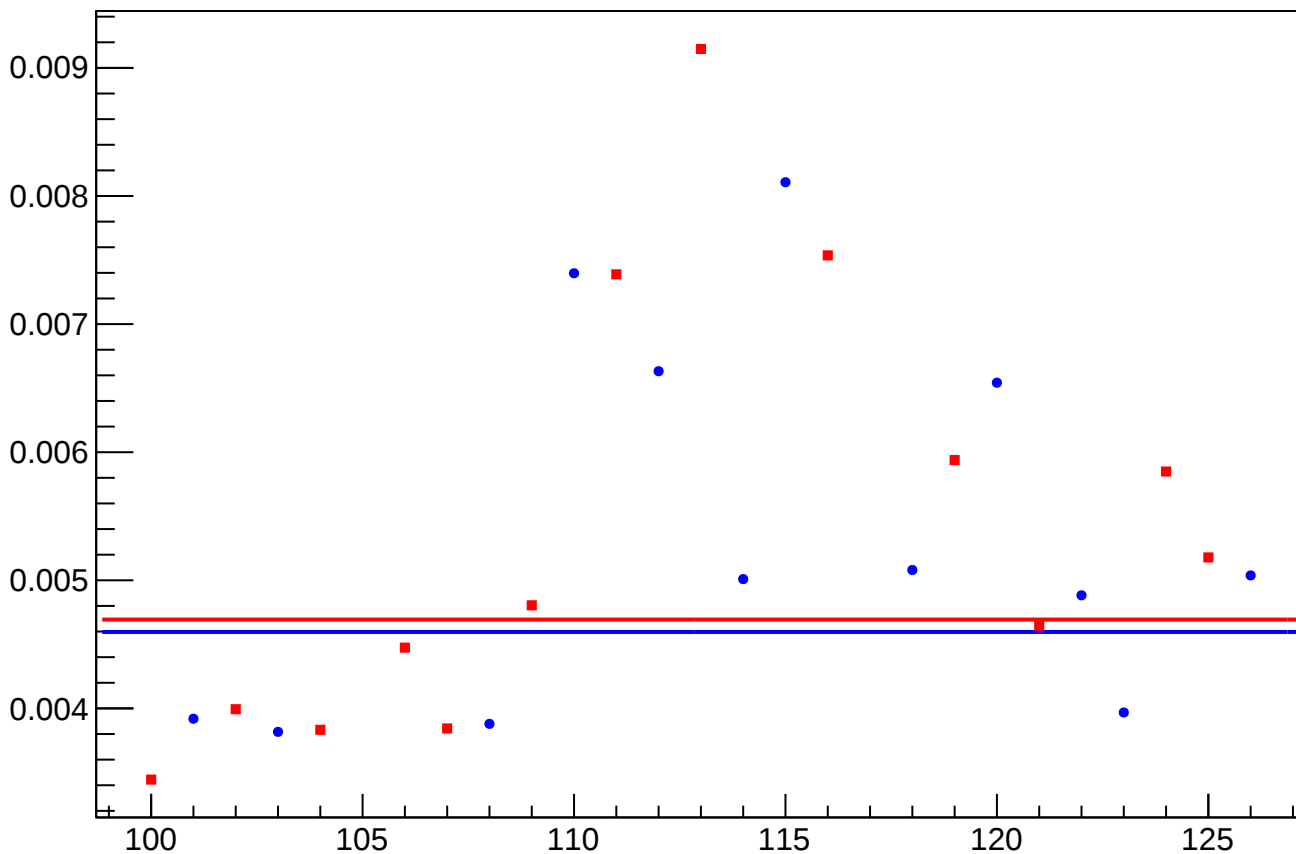
Right: -0.079+/-0.000 χ^2/NDF : 489527107.1/24

In: -0.088+/-0.000 χ^2/NDF :36010898.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.079+/-0.000 χ^2/NDF : 489527107.1/24

yield_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 381558.6/11

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

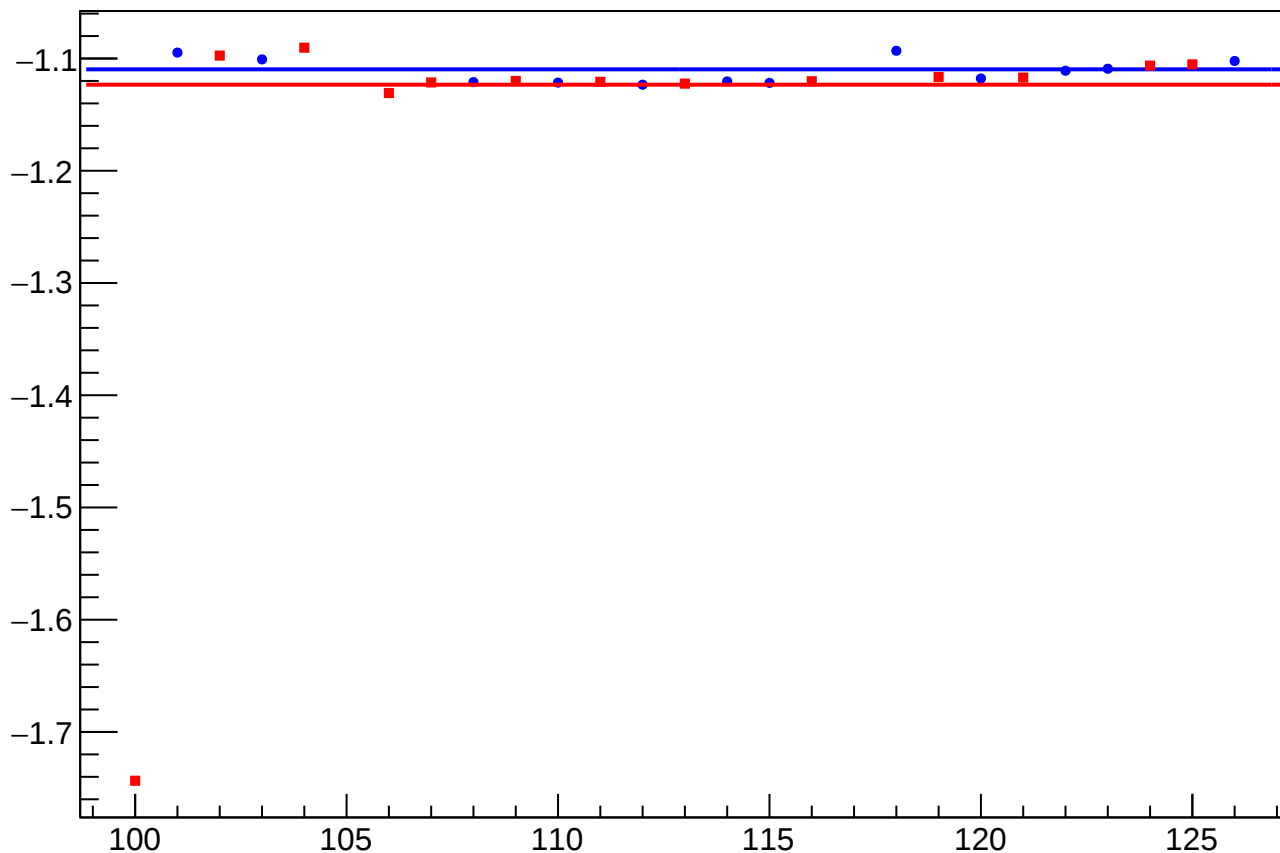
Right: 0.005+/-0.000 χ^2/NDF : 930891.5/24

In: 0.005+/-0.000 χ^2/NDF :381558.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 930891.5/24

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -1.110+/-0.000 χ^2/NDF : 3697851.5/11

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

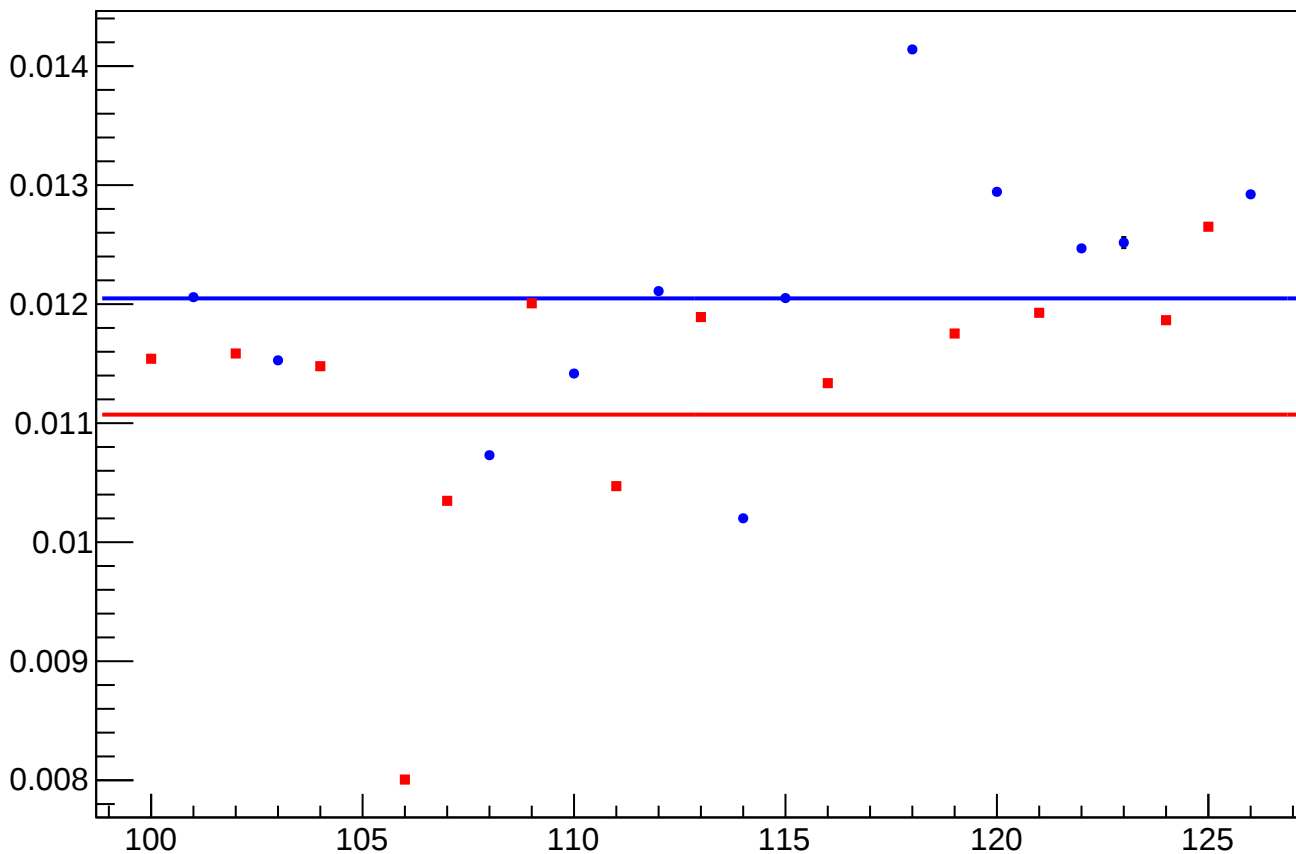
Right: -1.117+/-0.000 χ^2/NDF : 212766659.6/24

In: -1.110+/-0.000 χ^2/NDF :3697851.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.117+/-0.000 χ^2/NDF : 212766659.6/24

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 50048.8/11

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

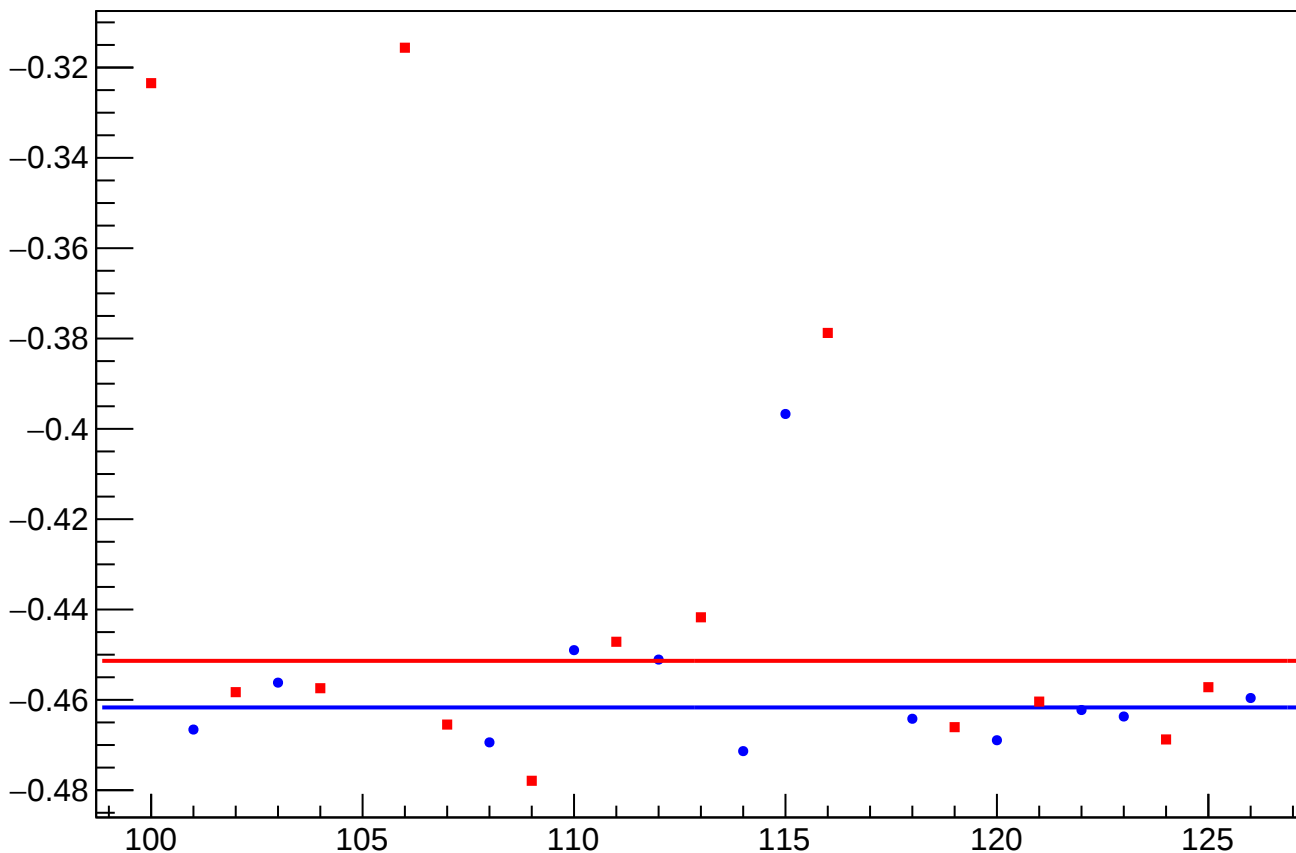
Right: 0.011+/-0.000 χ^2/NDF : 205468.6/24

In: 0.012+/-0.000 χ^2/NDF : 50048.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 205468.6/24

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.462+/-0.000 χ^2/NDF : 21430825.4/11

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

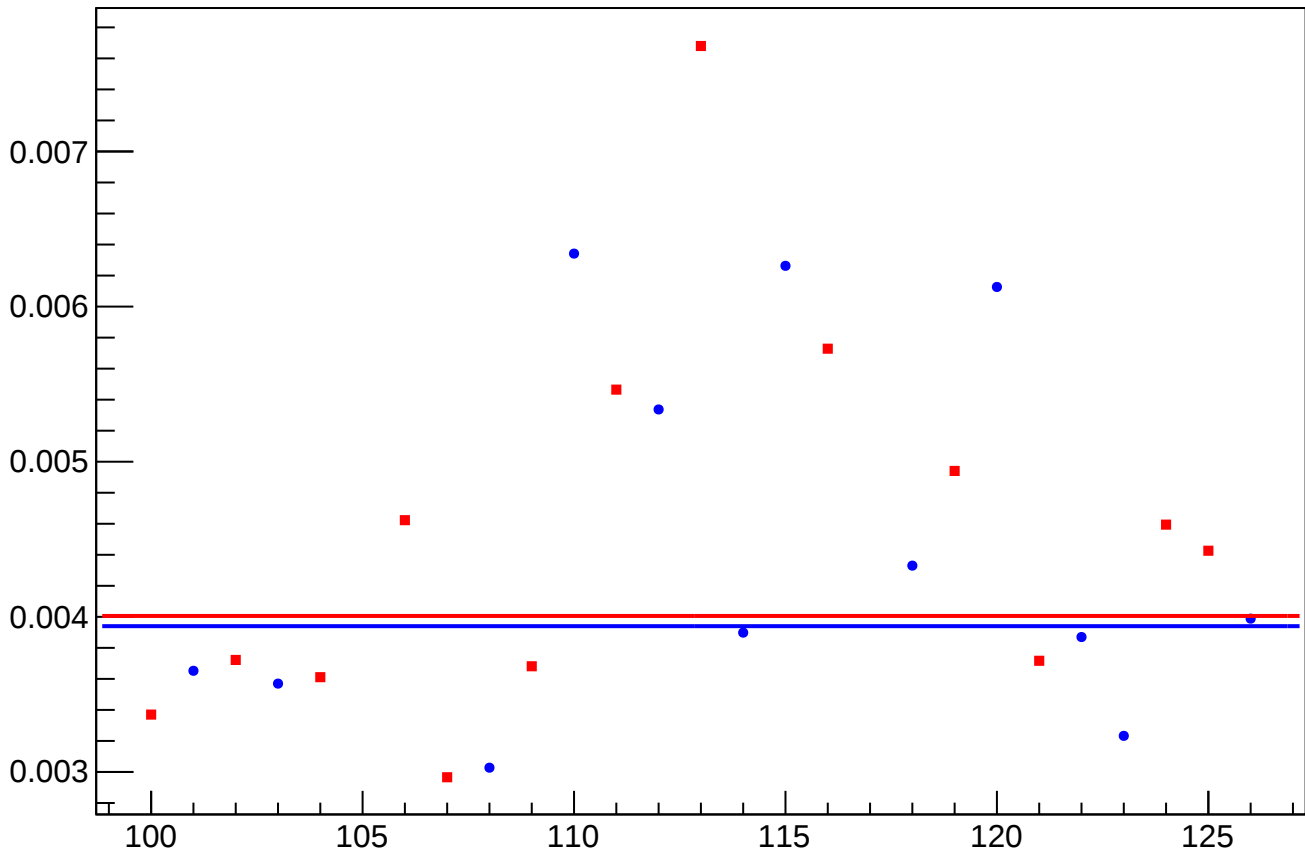
Right: -0.456+/-0.000 χ^2/NDF : 385456460.0/24

In: -0.462+/-0.000 χ^2/NDF :21430825.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.456+/-0.000 χ^2/NDF : 385456460.0/24

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 343439.4/11

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

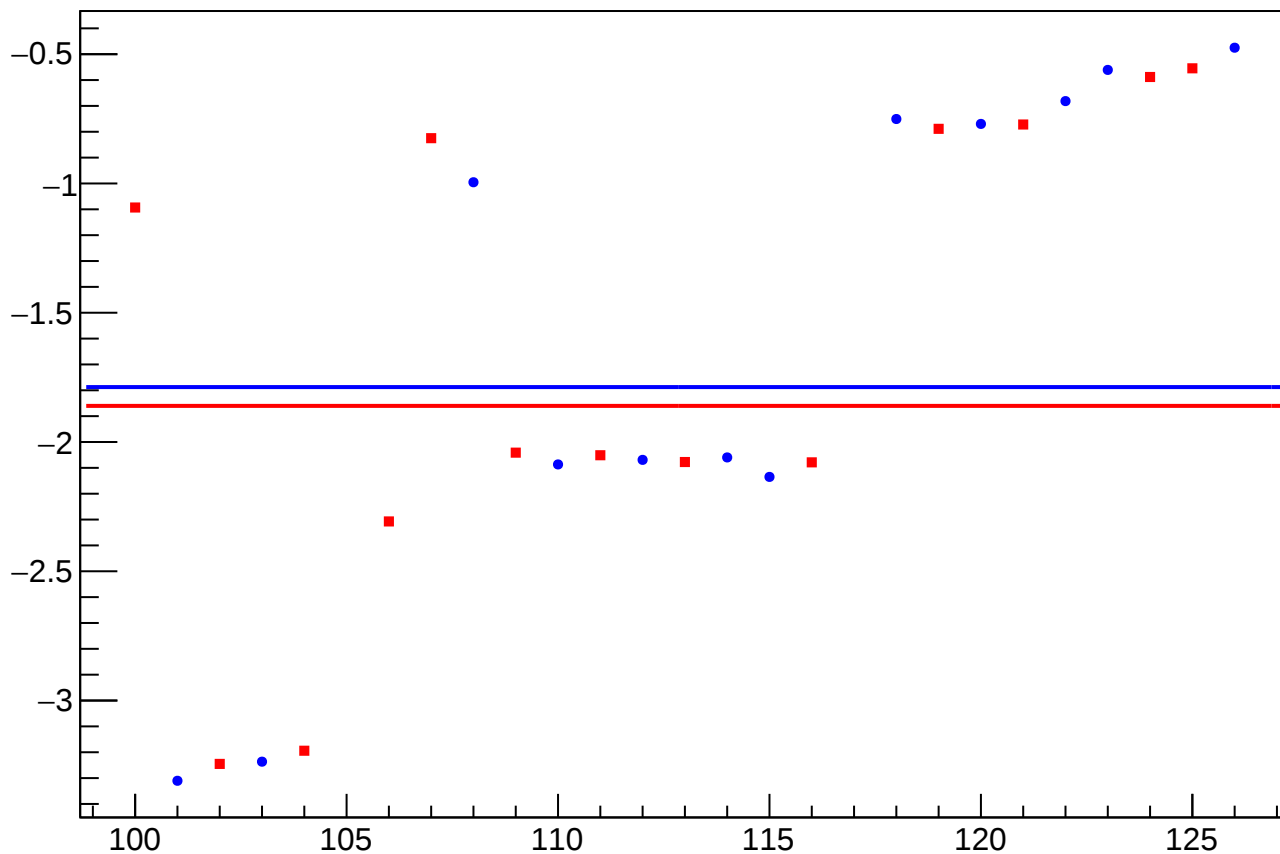
Right: 0.004+/-0.000 χ^2/NDF : 792081.3/24

In: 0.004+/-0.000 χ^2/NDF :343439.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 792081.3/24

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -1.788+/-0.000 χ^2/NDF : 940825151.4/11

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

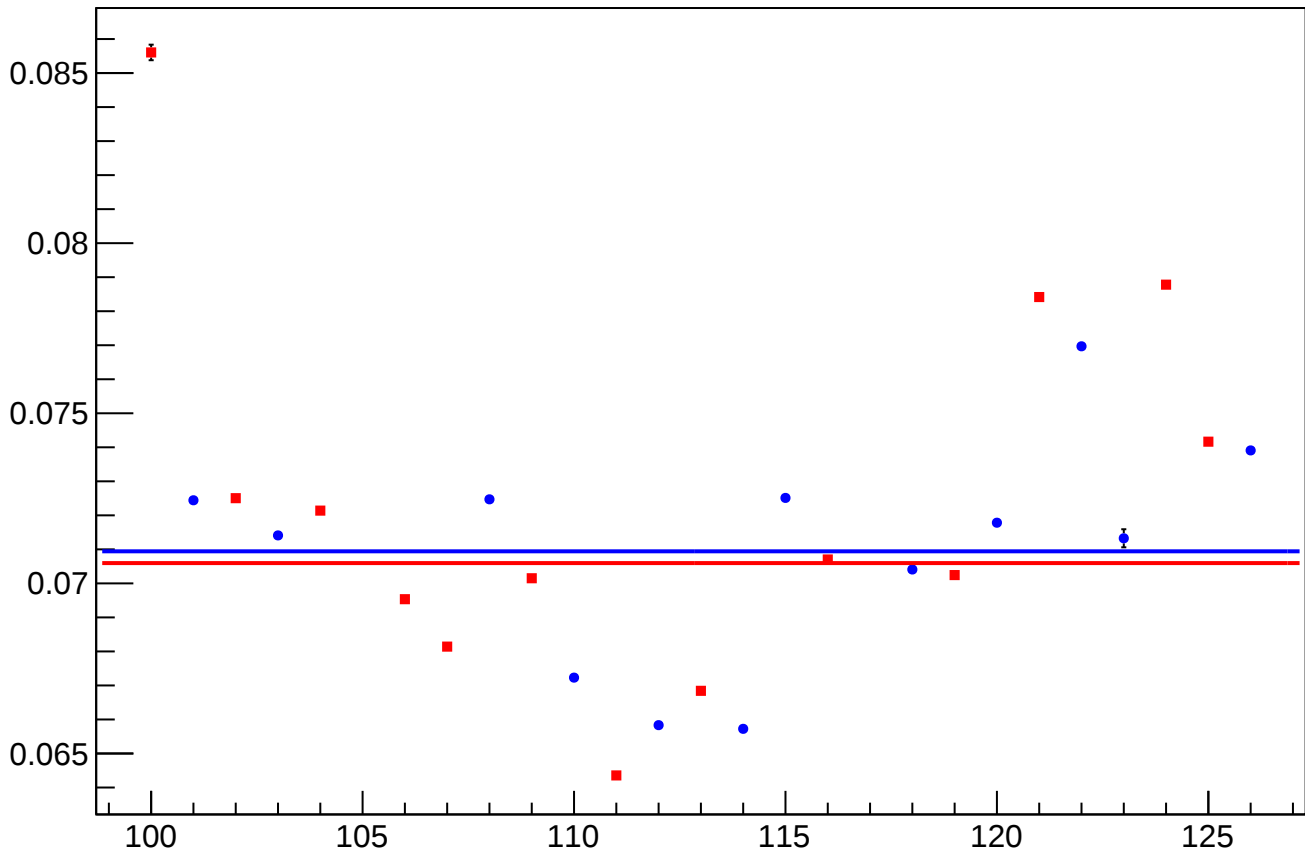
Right: -1.826+/-0.000 χ^2/NDF : 1741912701.5/24

In: -1.788+/-0.000 χ^2/NDF :940825151.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.826+/-0.000 χ^2/NDF : 1741912701.5/24

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.071+/-0.000 χ^2/NDF : 16541.8/11

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

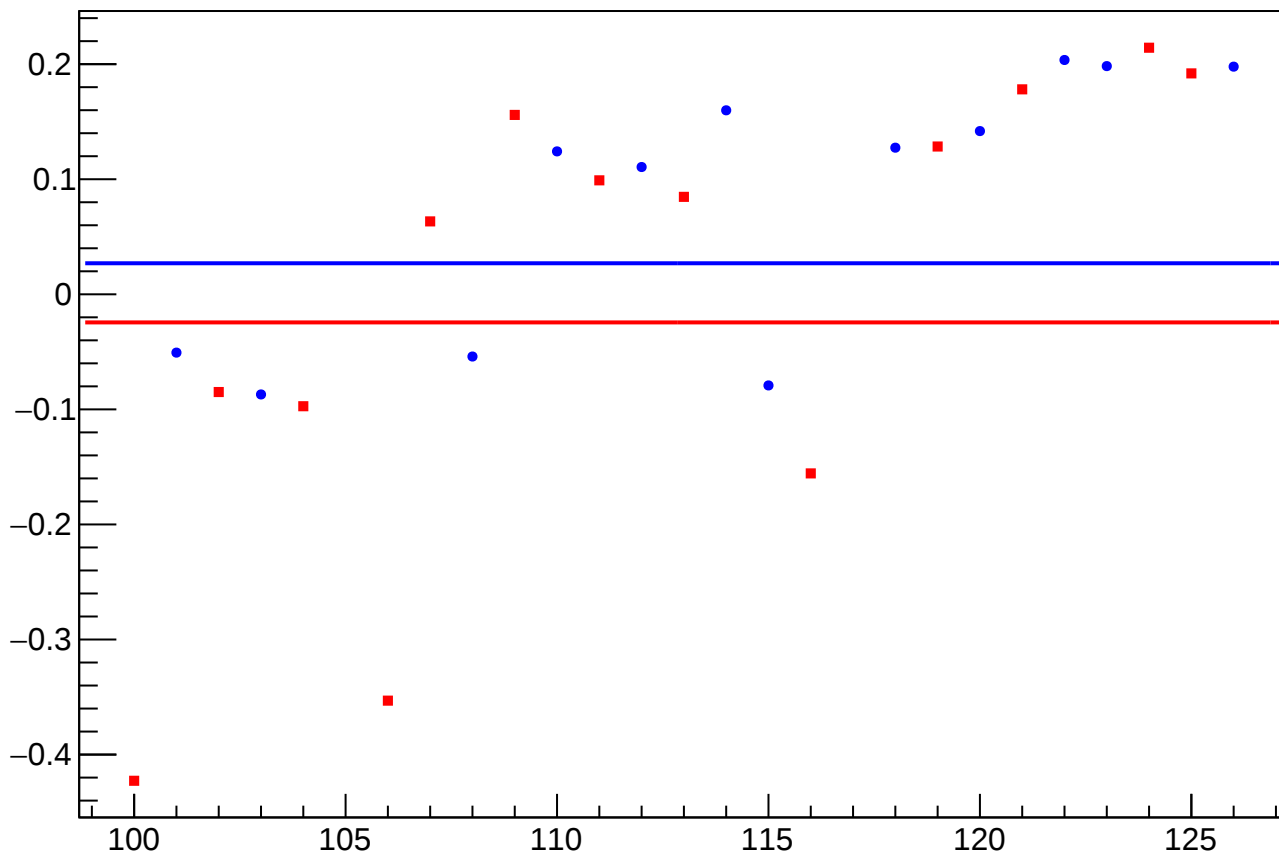
Right: 0.071+/-0.000 χ^2/NDF : 46047.3/24

In: 0.071+/-0.000 χ^2/NDF :16541.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.071+/-0.000 χ^2/NDF : 46047.3/24

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.000 χ^2/NDF : 365536953.0/11

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

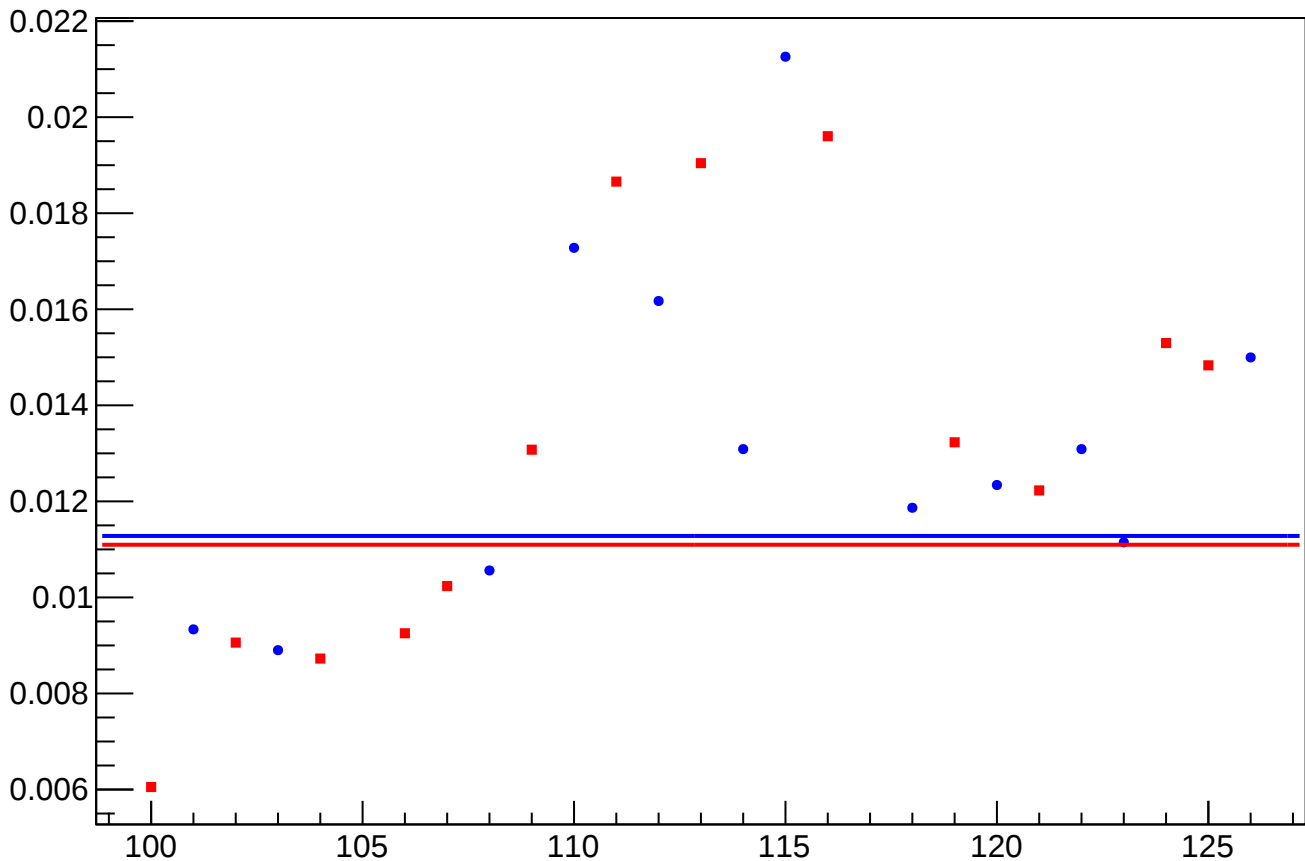
Right: -0.000+/-0.000 χ^2/NDF : 1428895448.7/24

In: 0.027+/-0.000 χ^2/NDF :365536953.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1428895448.7/24

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 399848.6/11

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

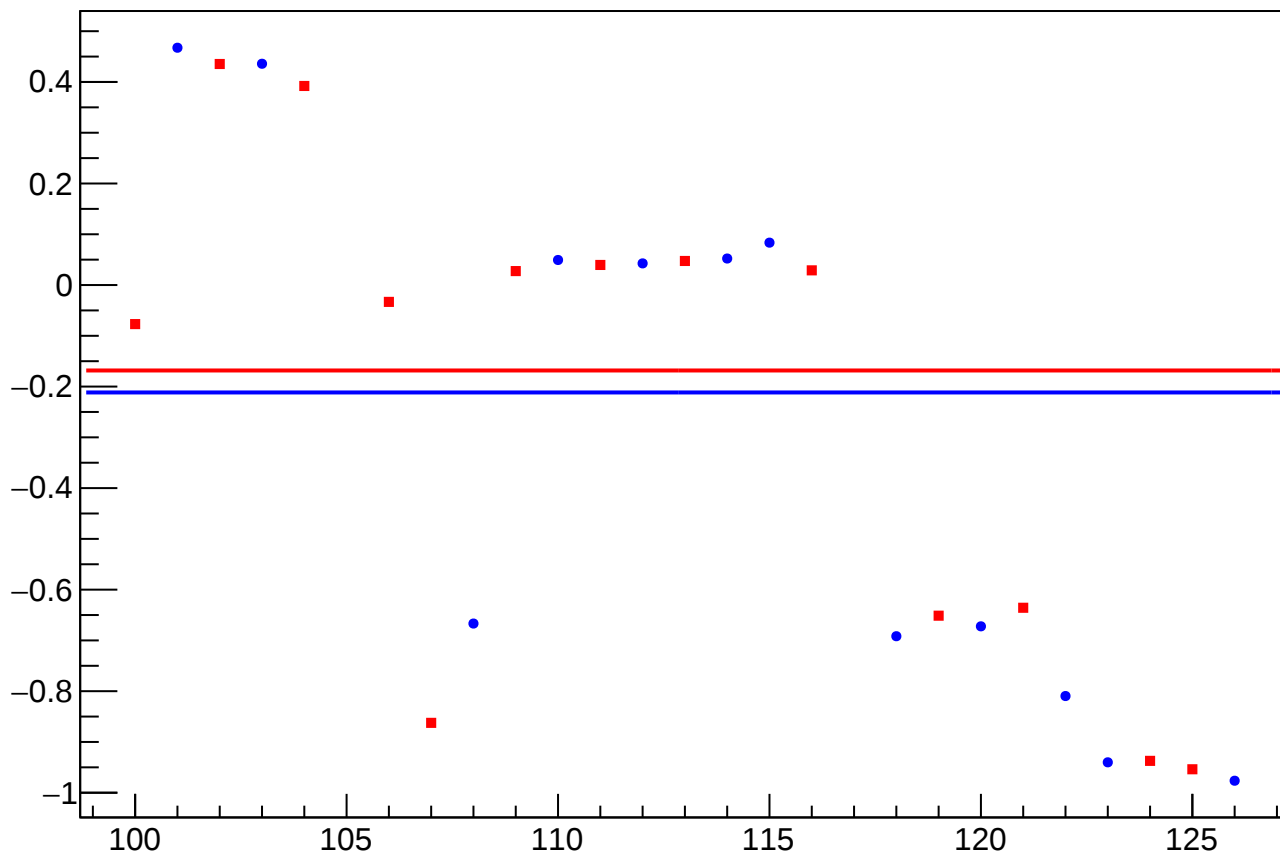
Right: 0.011+/-0.000 χ^2/NDF : 1108988.5/24

In: 0.011+/-0.000 χ^2/NDF : 399848.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 1108988.5/24

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: -0.212+/-0.000 χ^2/NDF : 154577423.0/11

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

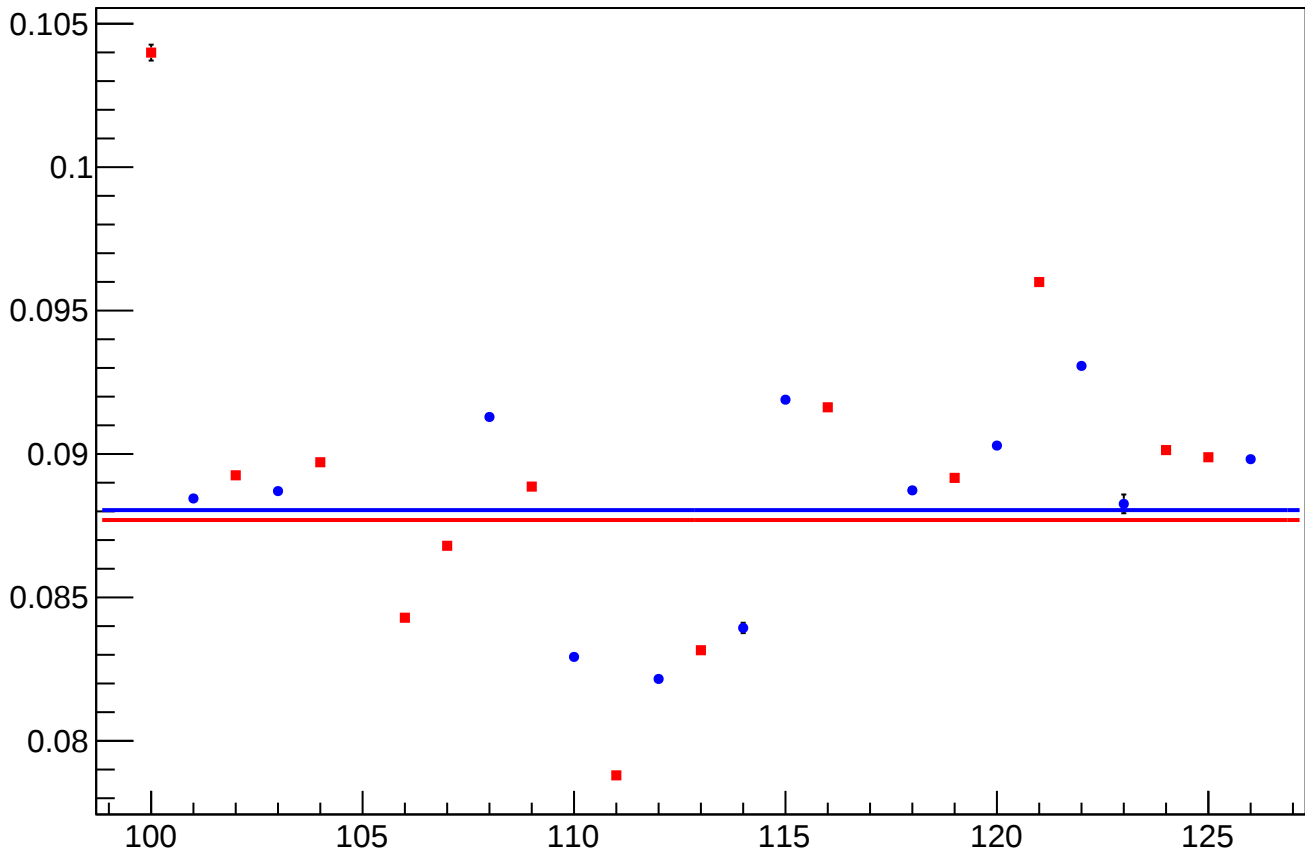
Right: -0.189+/-0.000 χ^2/NDF : 291781097.0/24

In: -0.212+/-0.000 χ^2/NDF :154577423.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.189+/-0.000 χ^2/NDF : 291781097.0/24

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.088+/-0.000 χ^2/NDF : 12774.4/11

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

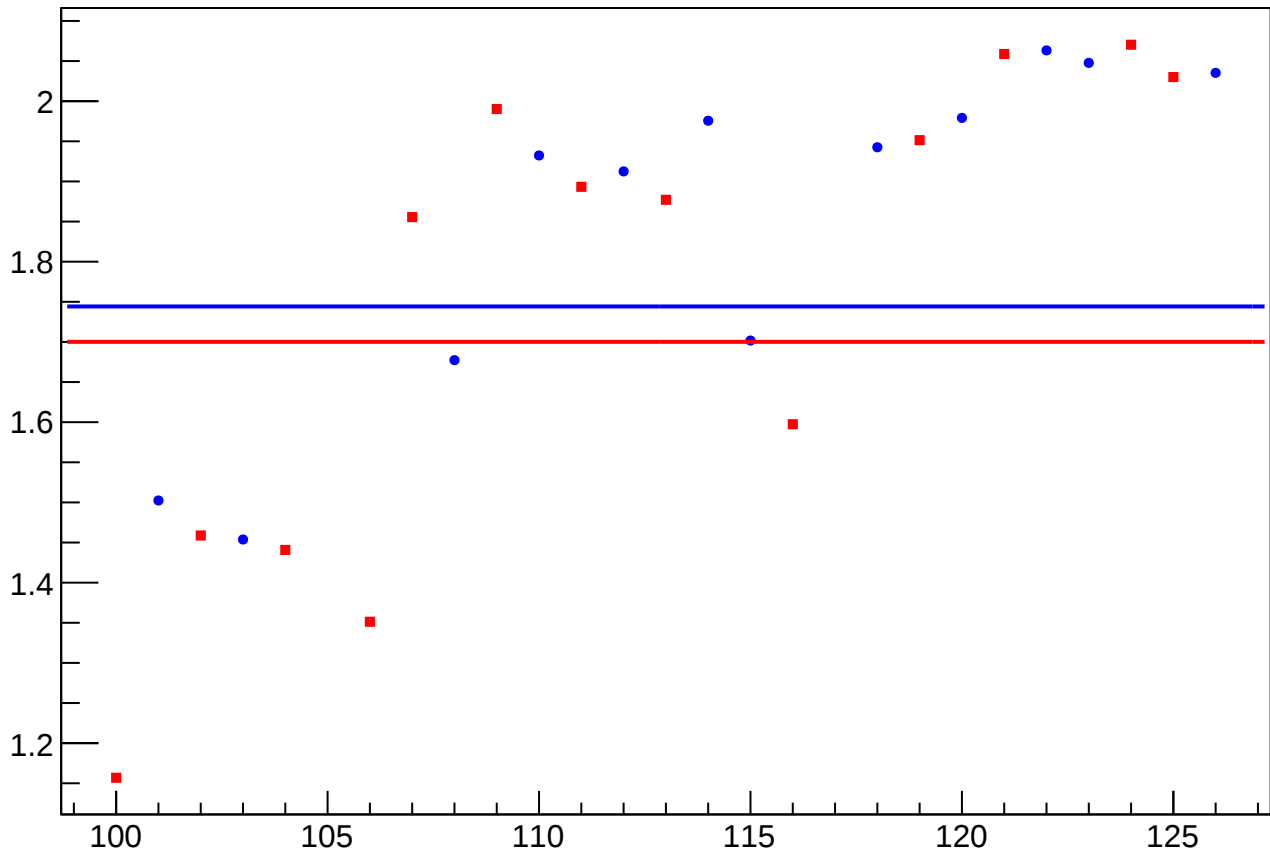
Right: 0.088+/-0.000 χ^2/NDF : 39525.9/24

In: 0.088+/-0.000 χ^2/NDF : 12774.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.088+/-0.000 χ^2/NDF : 39525.9/24

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.744+/-0.000 χ^2/NDF : 918347441.6/11

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

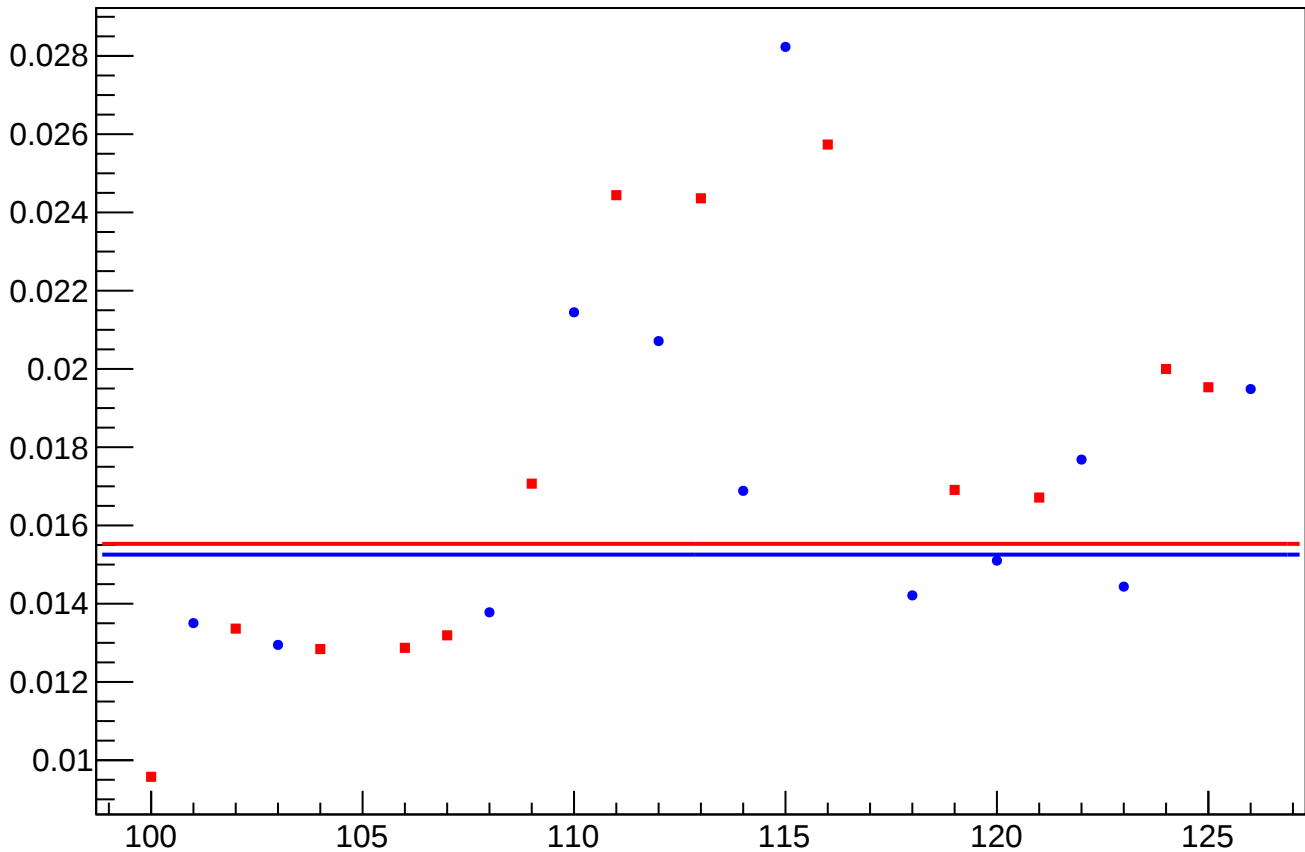
Right: 1.722+/-0.000 χ^2/NDF : 2309945606.1/24

In: 1.744+/-0.000 χ^2/NDF : 918347441.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.722+/-0.000 χ^2/NDF : 2309945606.1/24

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 273774.6/11

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

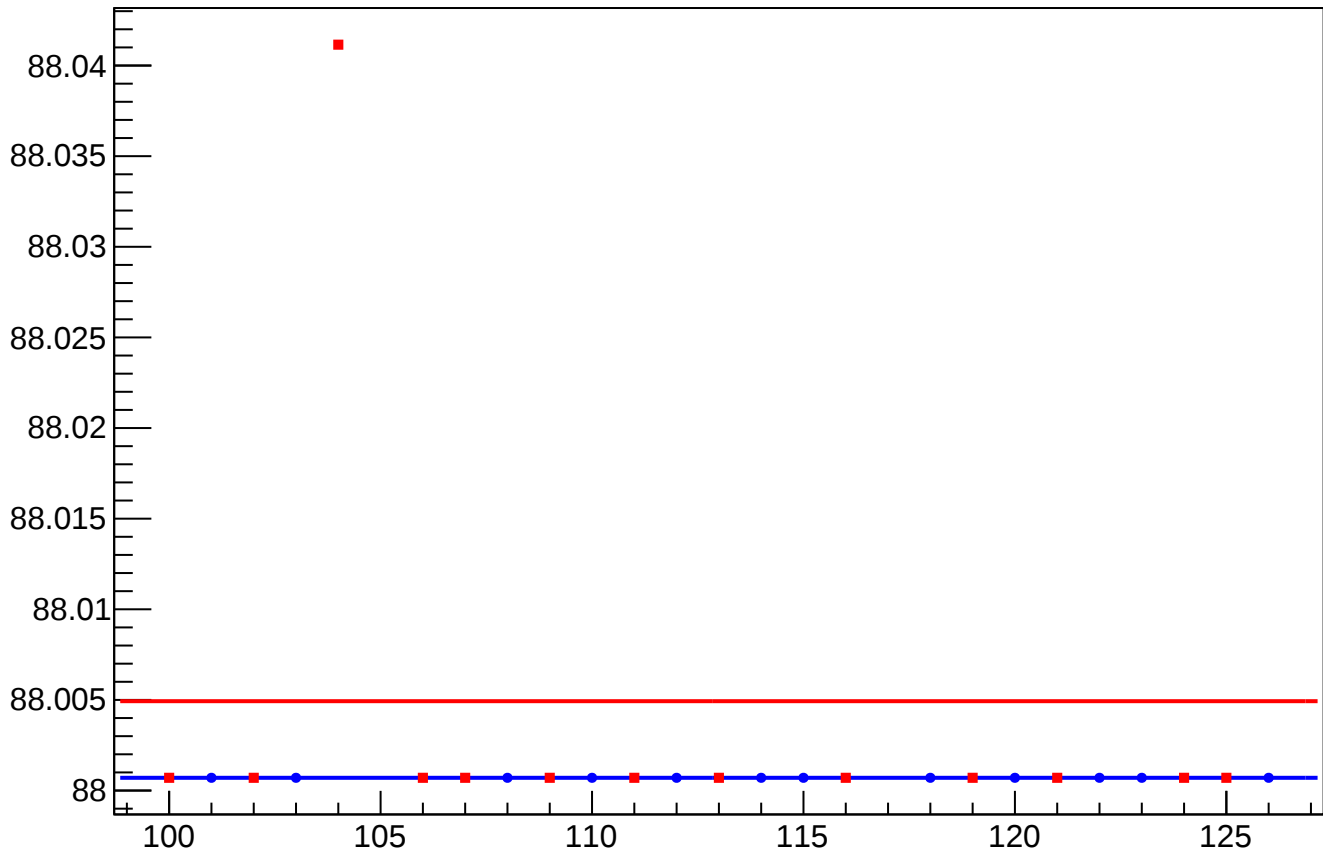
Right: 0.015+/-0.000 χ^2/NDF : 774339.5/24

In: 0.015+/-0.000 χ^2/NDF :273774.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.000 χ^2/NDF : 774339.5/24

epics_VWienAngles_mean vs Slug, Sign Corrected



Right In: 88.001+/-0.000 χ^2 /NDF: 1152721.4/11

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

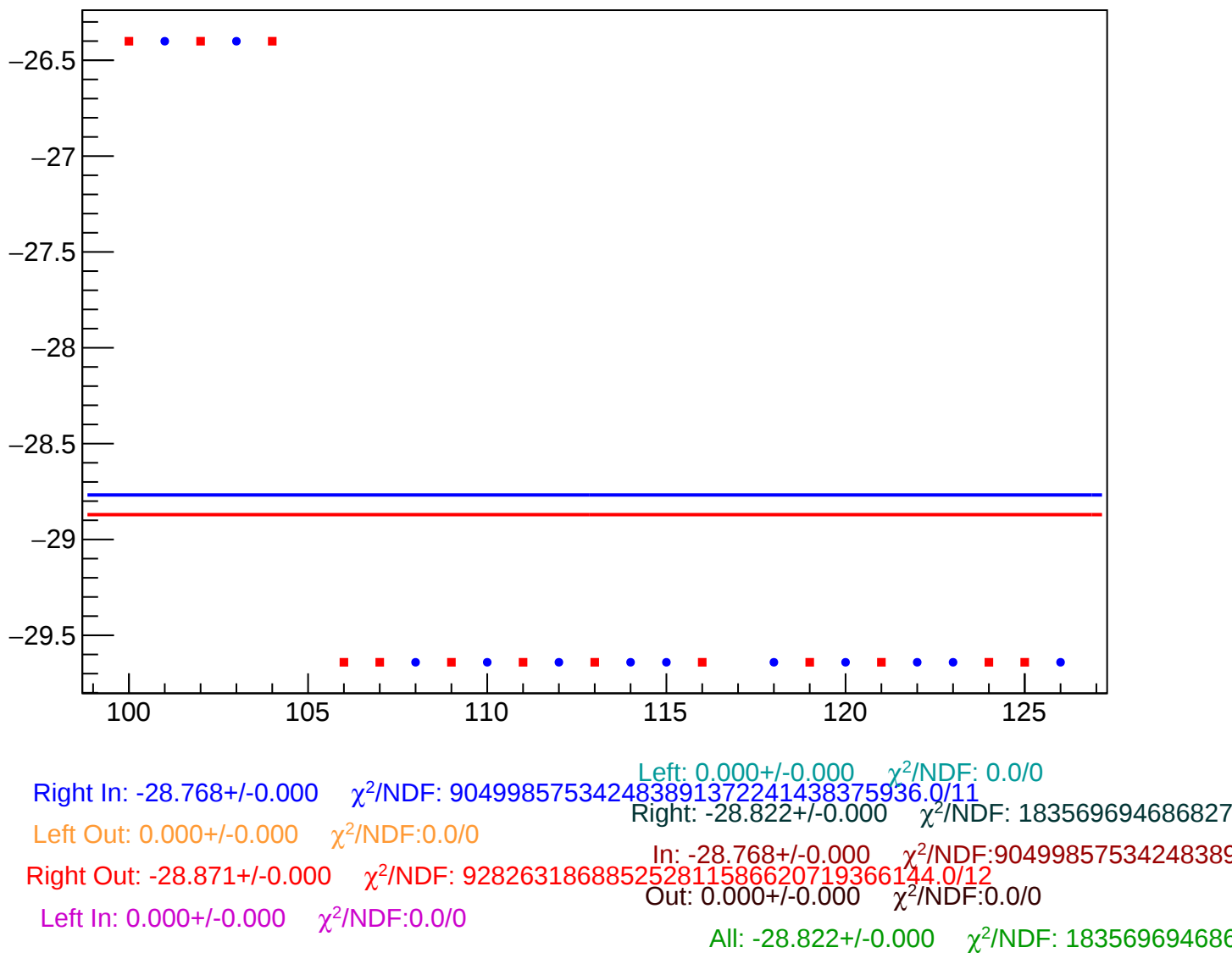
Right: 88.003+/-0.000 χ^2 /NDF: 7884434407359497

In: 88.001+/-0.000 χ^2 /NDF:1152721.4/11

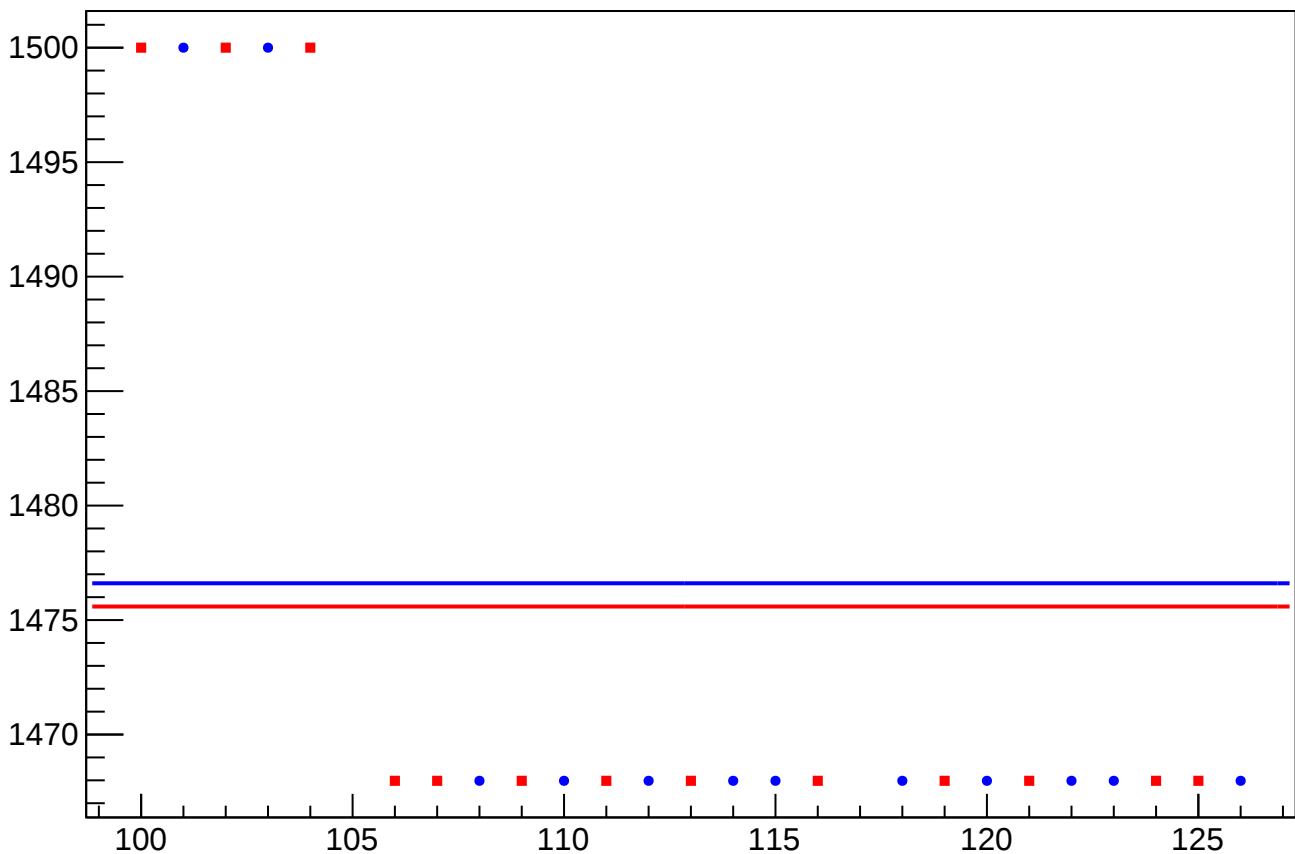
Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 88.003+/-0.000 χ^2 /NDF: 7884434407359

epics_HWienAngles_mean vs Slug, Sign Corrected

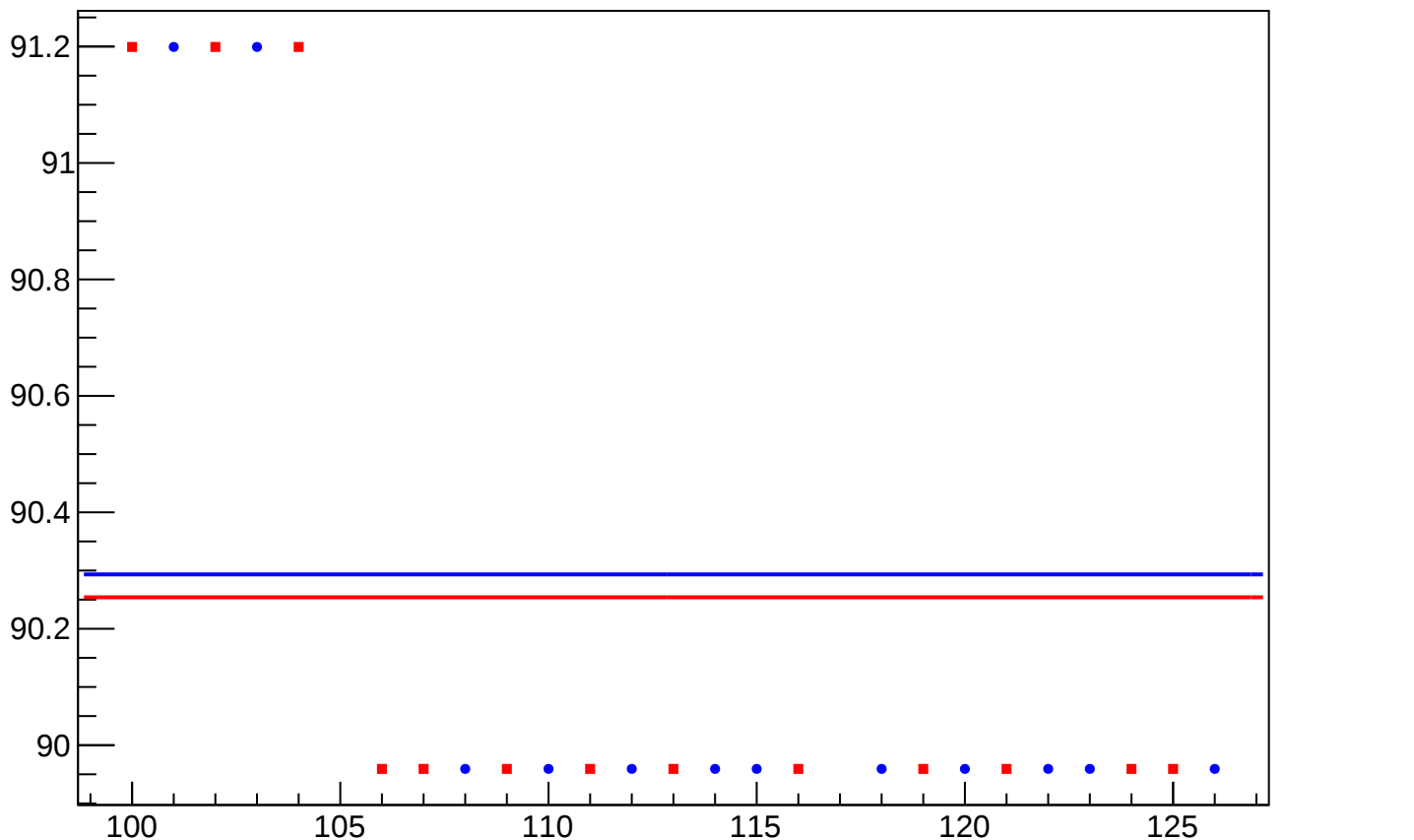


epics_psub_pl_poss_mean vs Slug, Sign Corrected



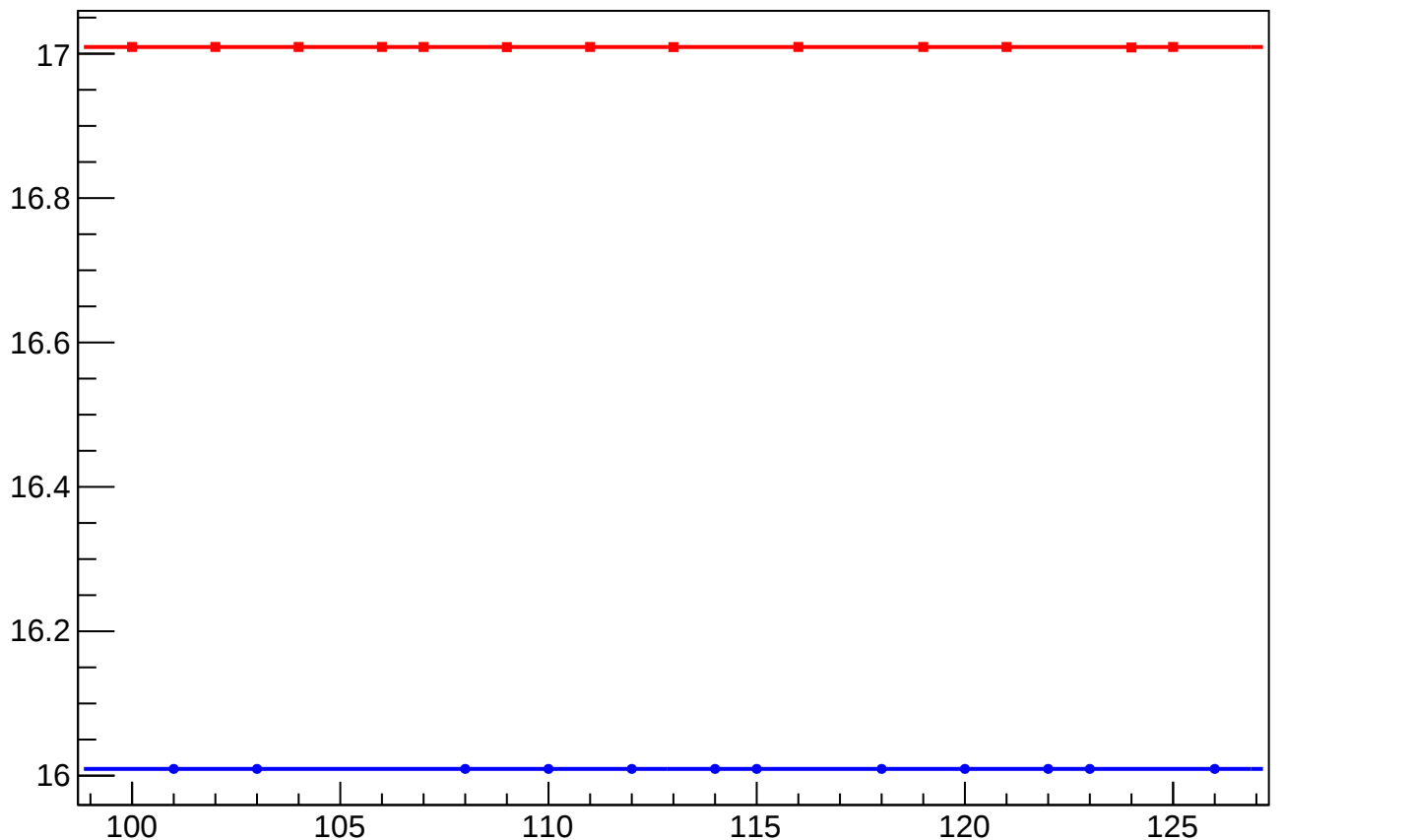
Right In: 1476.606+/-0.000 χ^2/NDF : 88397234024353836958723359935299584.0/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 1475.591+/-0.000 χ^2/NDF : 90669643470145608659940424443494400.0/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1476.071+/-0.000 χ^2/NDF : 17930473818558

epics_Phi_FGs_mean vs Slug, Sign Corrected



Right In: 90.293+/-0.000 χ^2/NDF : 132556566210065317162508686983168.0/11
 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: 90.273+/-0.000 χ^2/NDF : 2688774220302843

epics_IGL1I00DI24_24Ms_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2/NDF : 28828.1/11

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

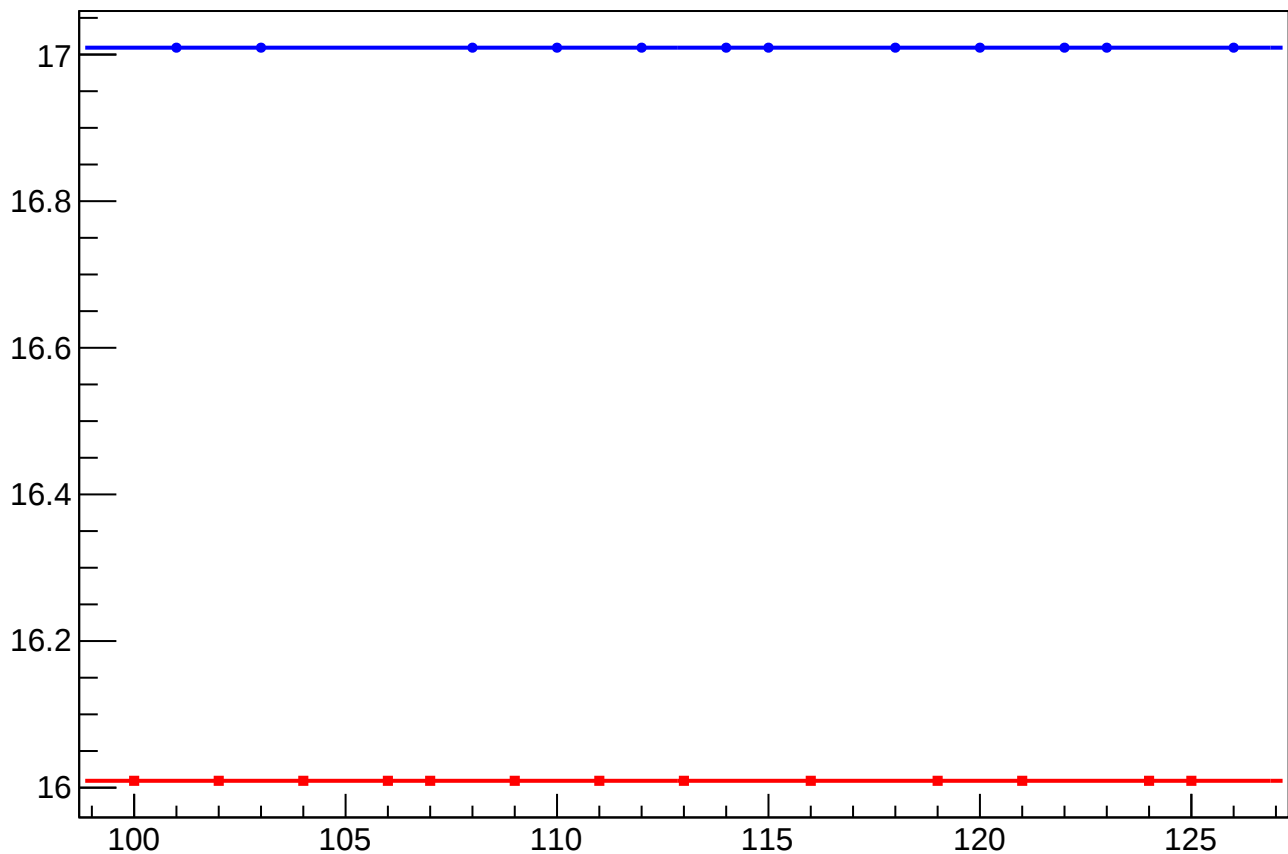
Right: 16.512+/-0.000 χ^2/NDF : 2169674063047332

In: 16.009+/-0.000 χ^2/NDF : 28828.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.512+/-0.000 χ^2/NDF : 2169674063047332

epics_IGL1I00OD16_16s_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2/NDF : 33763.2/11

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

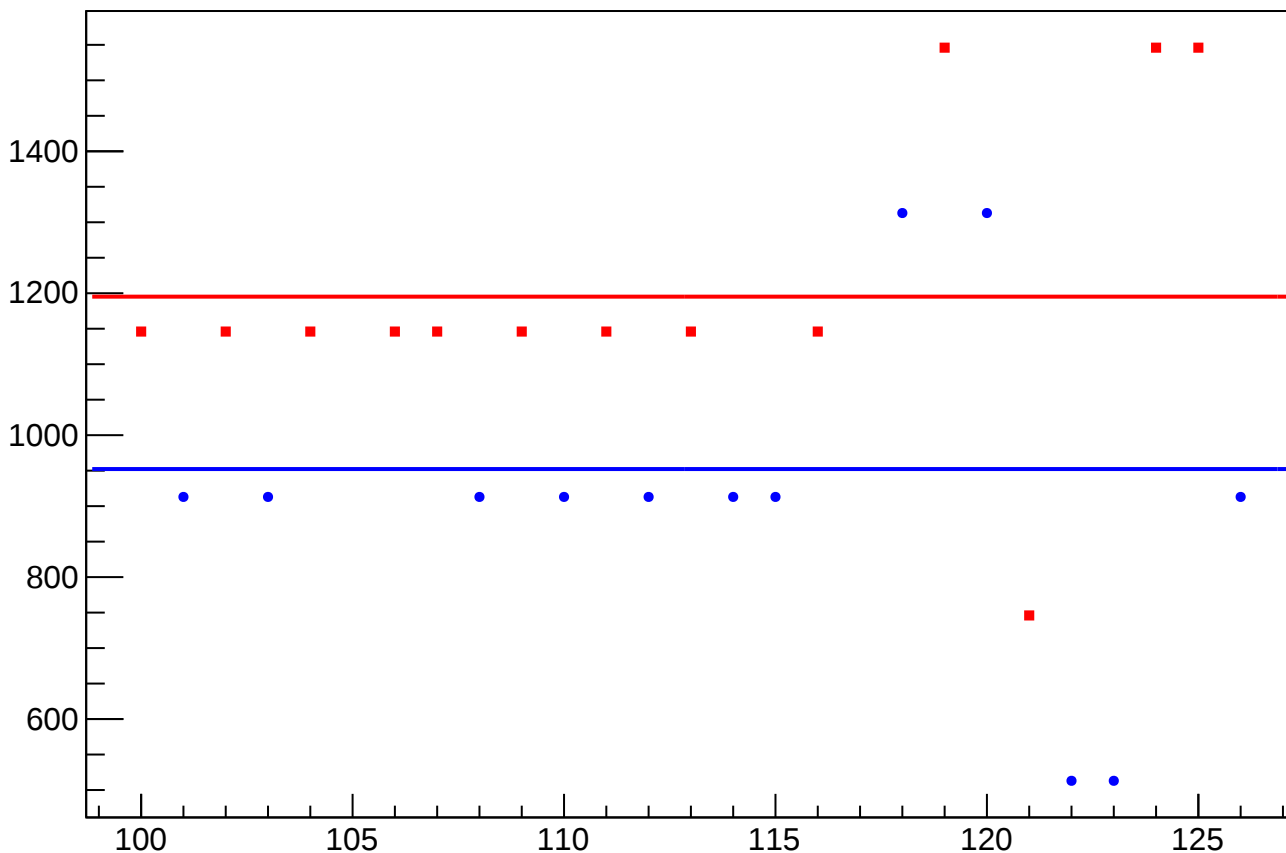
Right: 16.467+/-0.000 χ^2/NDF : 2201645997745137

In: 17.009+/-0.000 χ^2/NDF : 33763.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

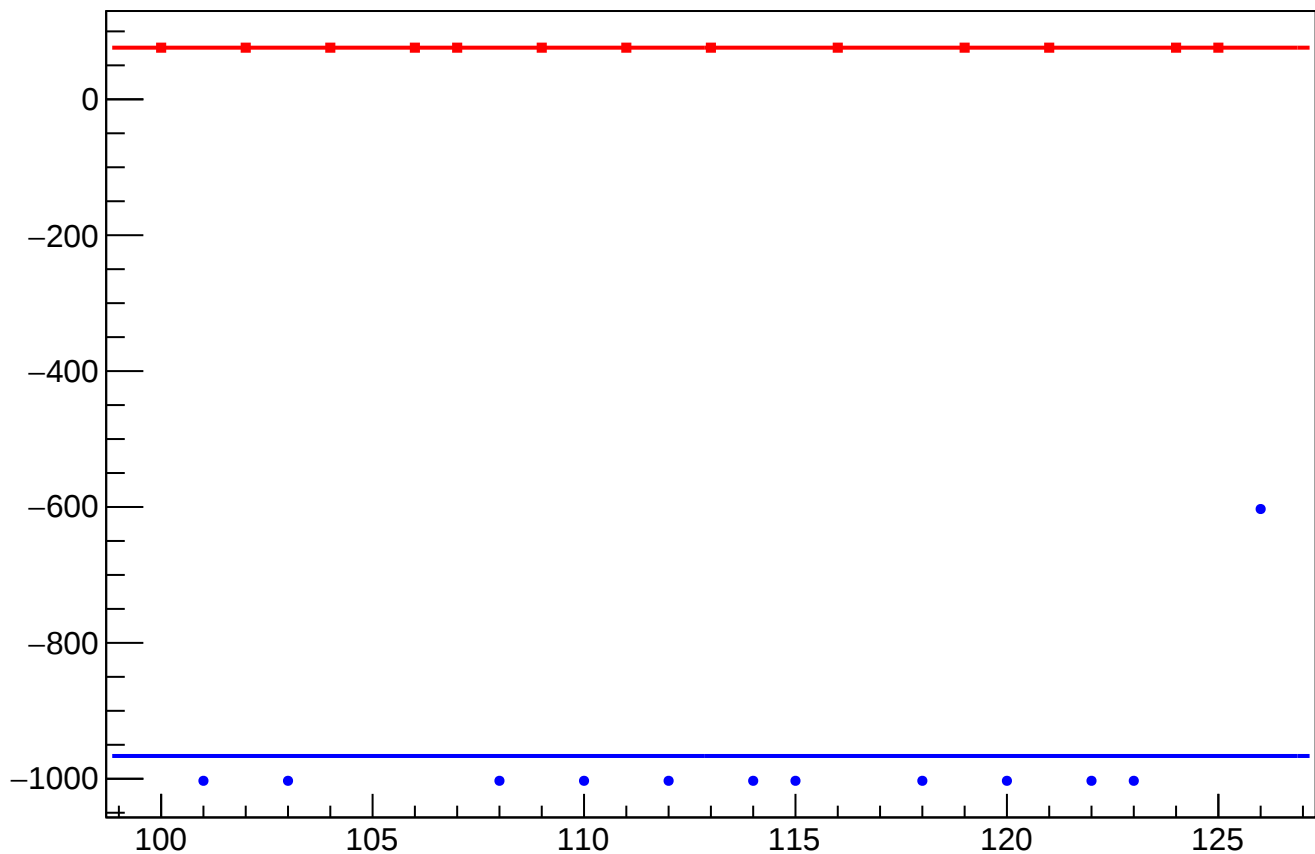
All: 16.467+/-0.000 χ^2/NDF : 2201645997745

epics_RTPAPOSUCNTs_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 1080.286+/-0.000 χ^2/NDF : 55127634184037
 Right In: 952.266+/-0.000 χ^2/NDF : 20605846835417574569225570627149103104.0/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 952.266+/-0.000 χ^2/NDF : 20605846835417574569225570627149103104.0/11
 Right Out: 1195.189+/-0.000 χ^2/NDF : 20900443771516545344280372356113760256.0/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1080.286+/-0.000 χ^2/NDF : 55127634184037

epics_RTPAPOSVCNTs_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: -966.460+/-0.000 χ^2/NDF : 5815495878252810662286880677598068736.0/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -417.081+/-0.000 χ^2/NDF : 25666314660527
 In: -966.460+/-0.000 χ^2/NDF : 5815495878252810
 Right Out: 76.010+/-0.000 χ^2/NDF : 1365799288463313336690278400.0/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -417.081+/-0.000 χ^2/NDF : 25666314660