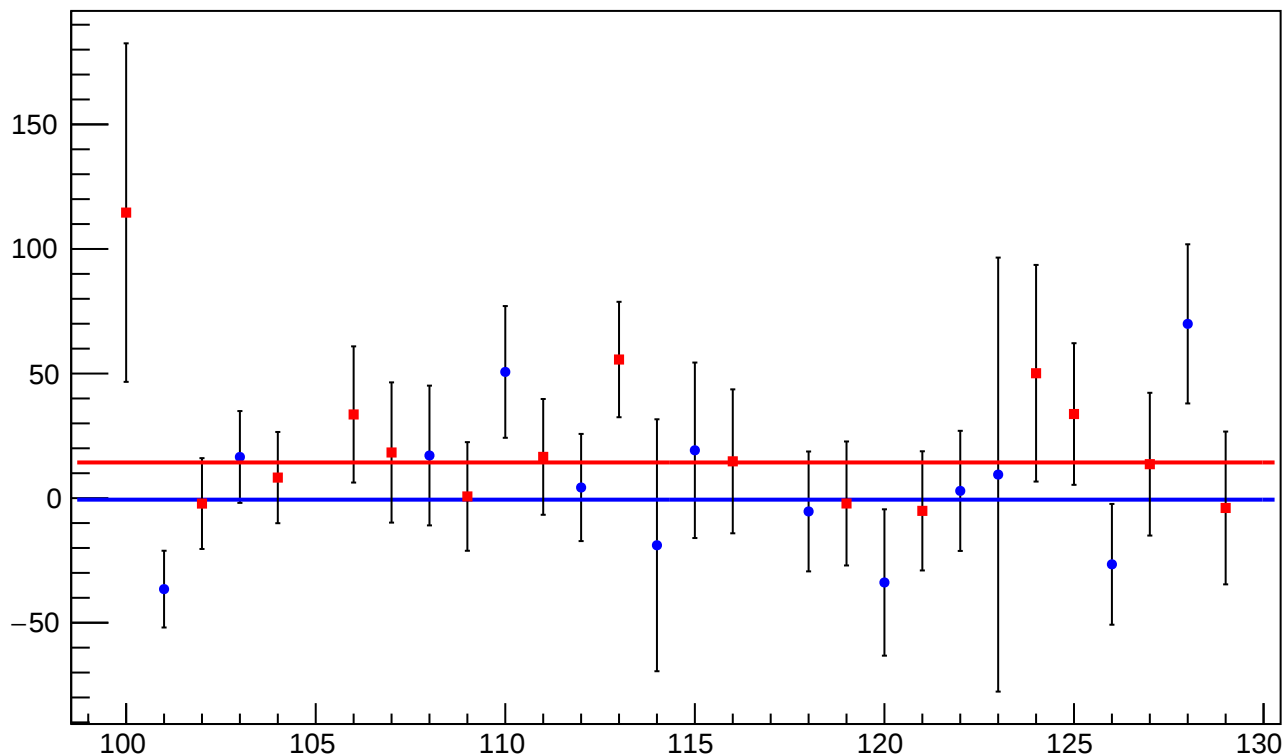


diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.610+/-6.960

χ^2/NDF : 18.3/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 14.320+/-6.559

χ^2/NDF : 9.8/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 7.297+/-4.773

χ^2/NDF : 30.6/27

In: -0.610+/-6.960

χ^2/NDF : 18.3/12

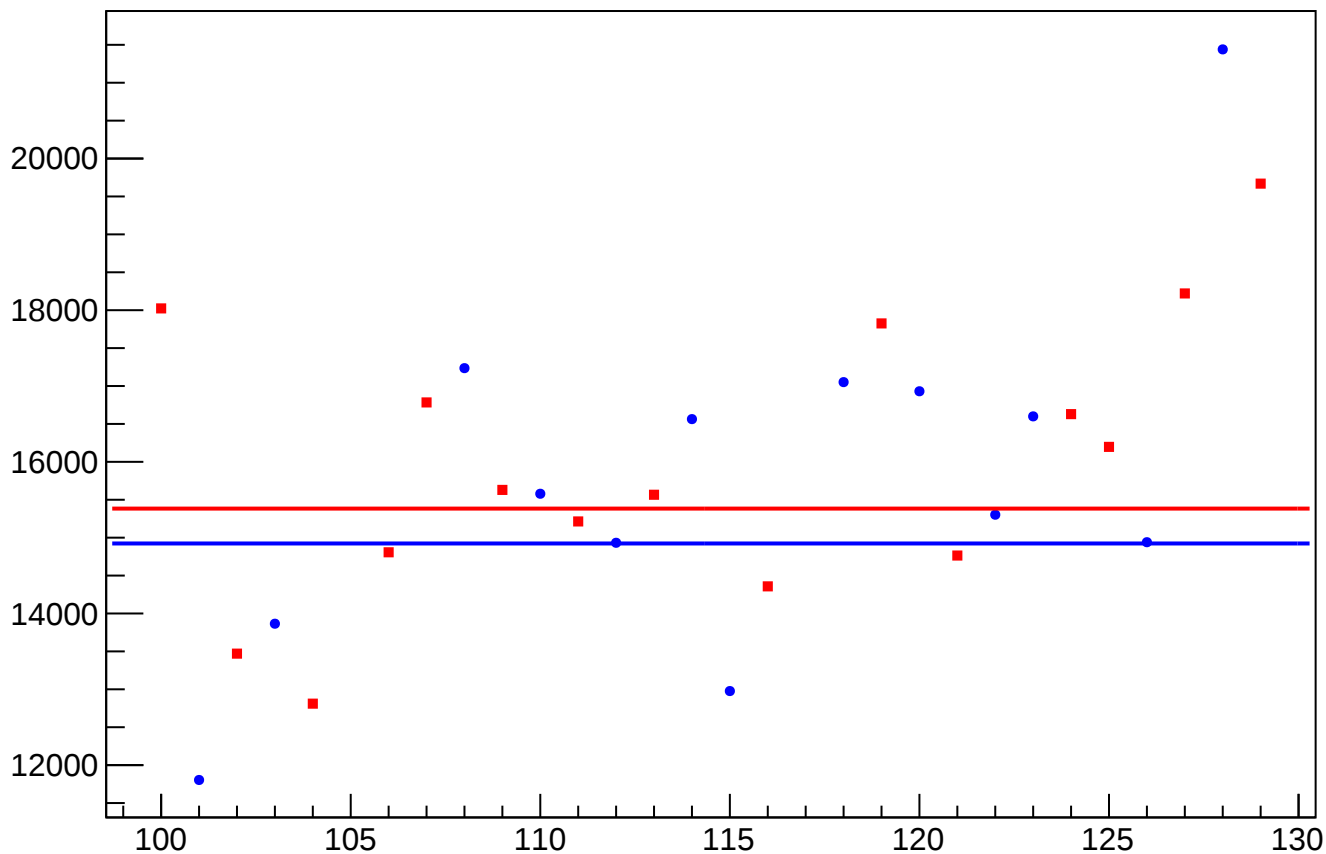
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 7.297+/-4.773

χ^2/NDF : 30.6/27

diff_bpm4aX_rms vs Slug, Sign Corrected



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

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

Right Out: 15383.362+/-4.638 χ^2/NDF : 155960.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

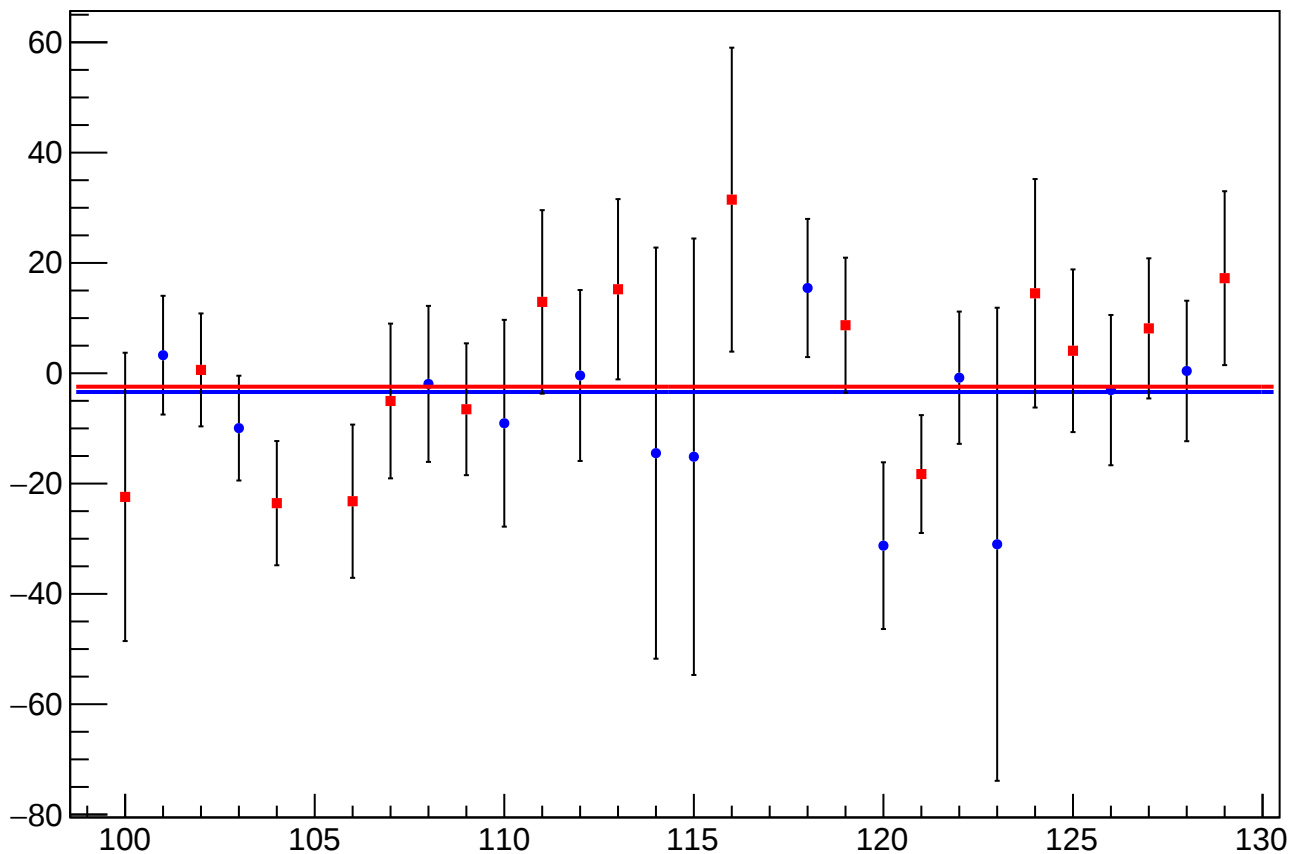
Right: 15166.950+/-3.375 χ^2/NDF : 381733.6/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15166.950+/-3.375 χ^2/NDF : 381733.6/27

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -3.401+/-3.988 χ^2/NDF : 7.4/12

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

Right Out: -2.436+/-3.594 χ^2/NDF : 16.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

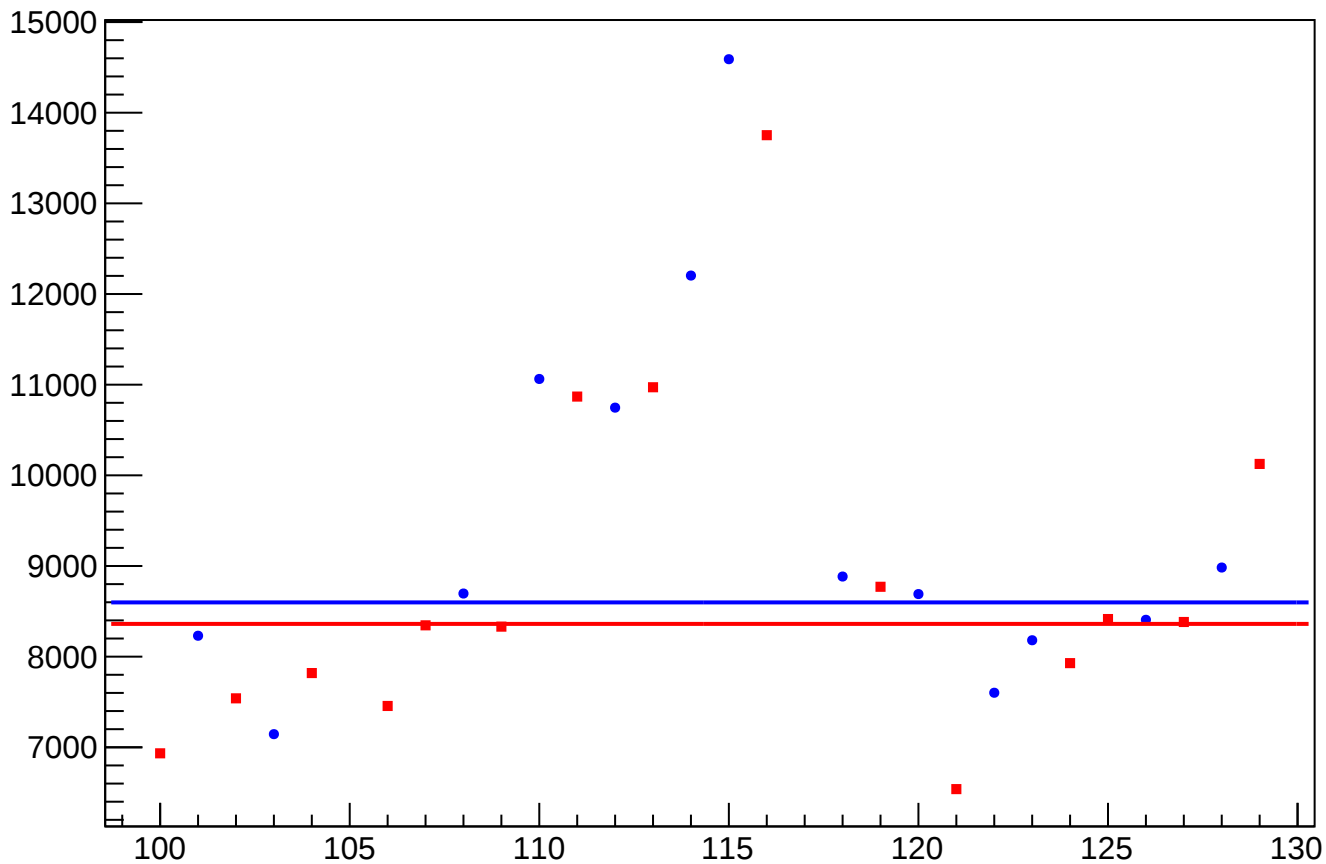
Right: -2.868+/-2.670 χ^2/NDF : 23.7/27

In: -3.401+/-3.988 χ^2/NDF :7.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.868+/-2.670 χ^2/NDF : 23.7/27

diff_bpm4aY_rms vs Slug, Sign Corrected



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

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

Right Out: 8361.259+/-2.541 χ^2/NDF : 291410.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

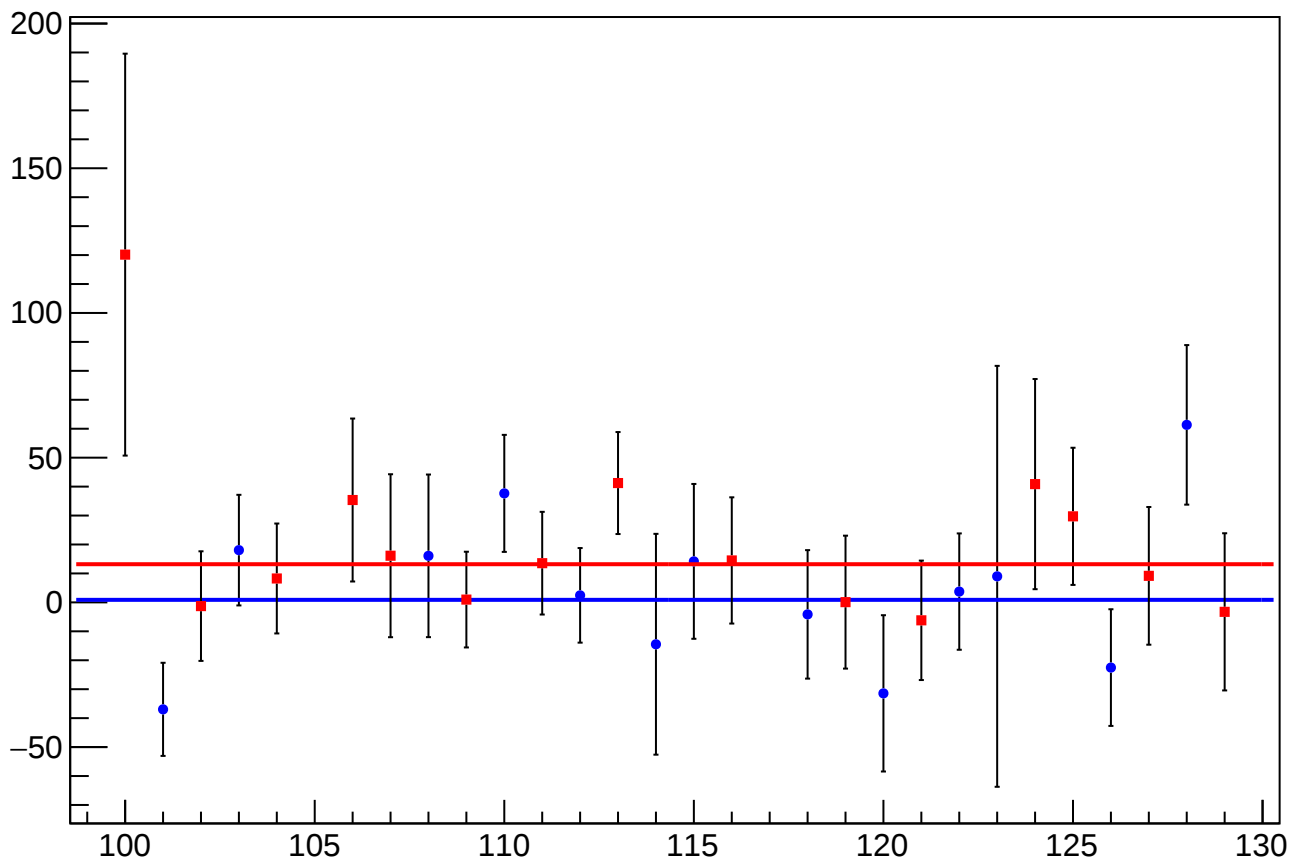
Right: 8467.527+/-1.888 χ^2/NDF : 499475.1/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8467.527+/-1.888 χ^2/NDF : 499475.1/27

diff_bpm4eX_mean vs Slug, Sign Corrected



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

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

Right Out: 13.186+/-5.739 χ^2/NDF : 9.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

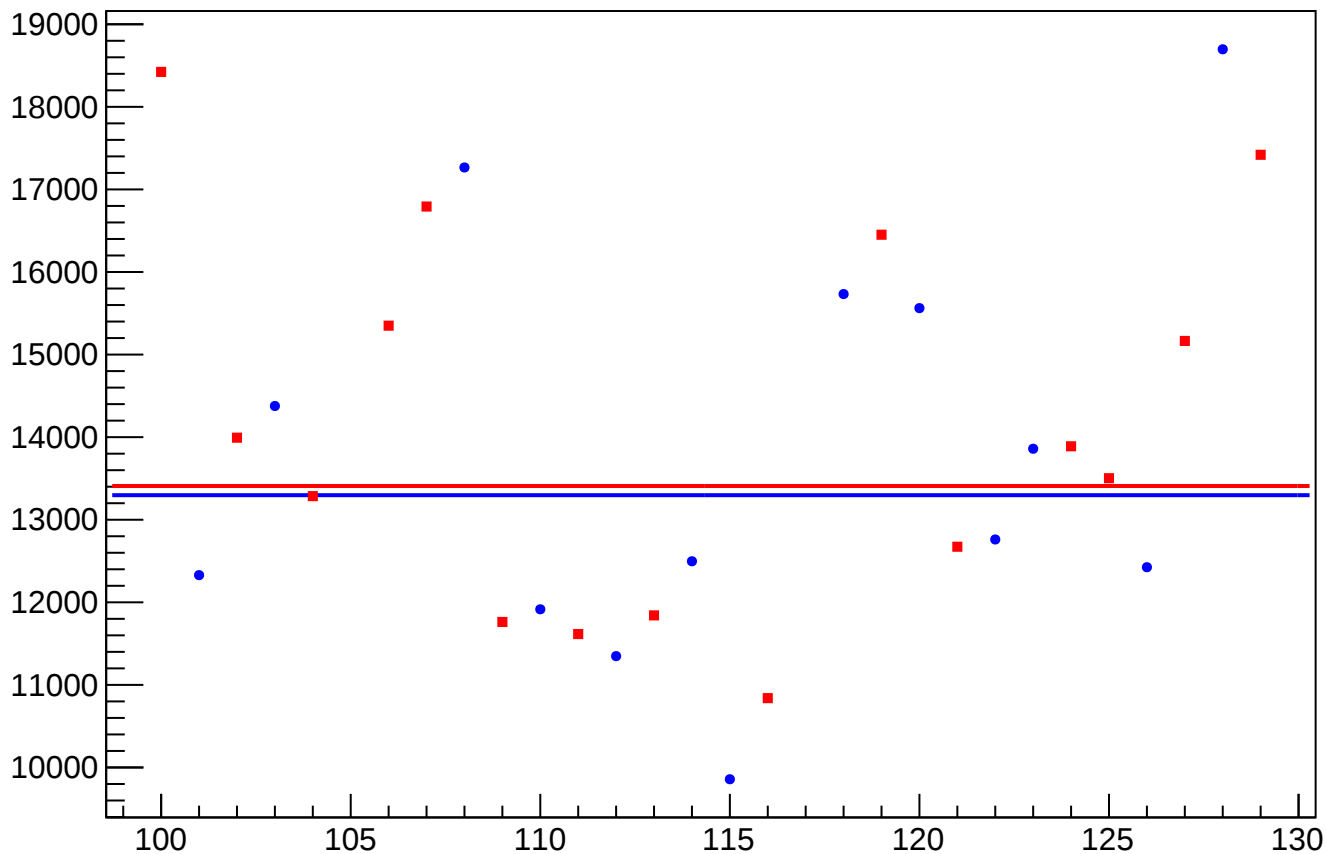
Right: 7.508+/-4.213 χ^2/NDF : 29.6/27

In: 0.874+/-6.203 χ^2/NDF : 18.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.508+/-4.213 χ^2/NDF : 29.6/27

diff_bpm4eX_rms vs Slug, Sign Corrected



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

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

Right Out: 13408.726+/-4.058 χ^2/NDF : 227215.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

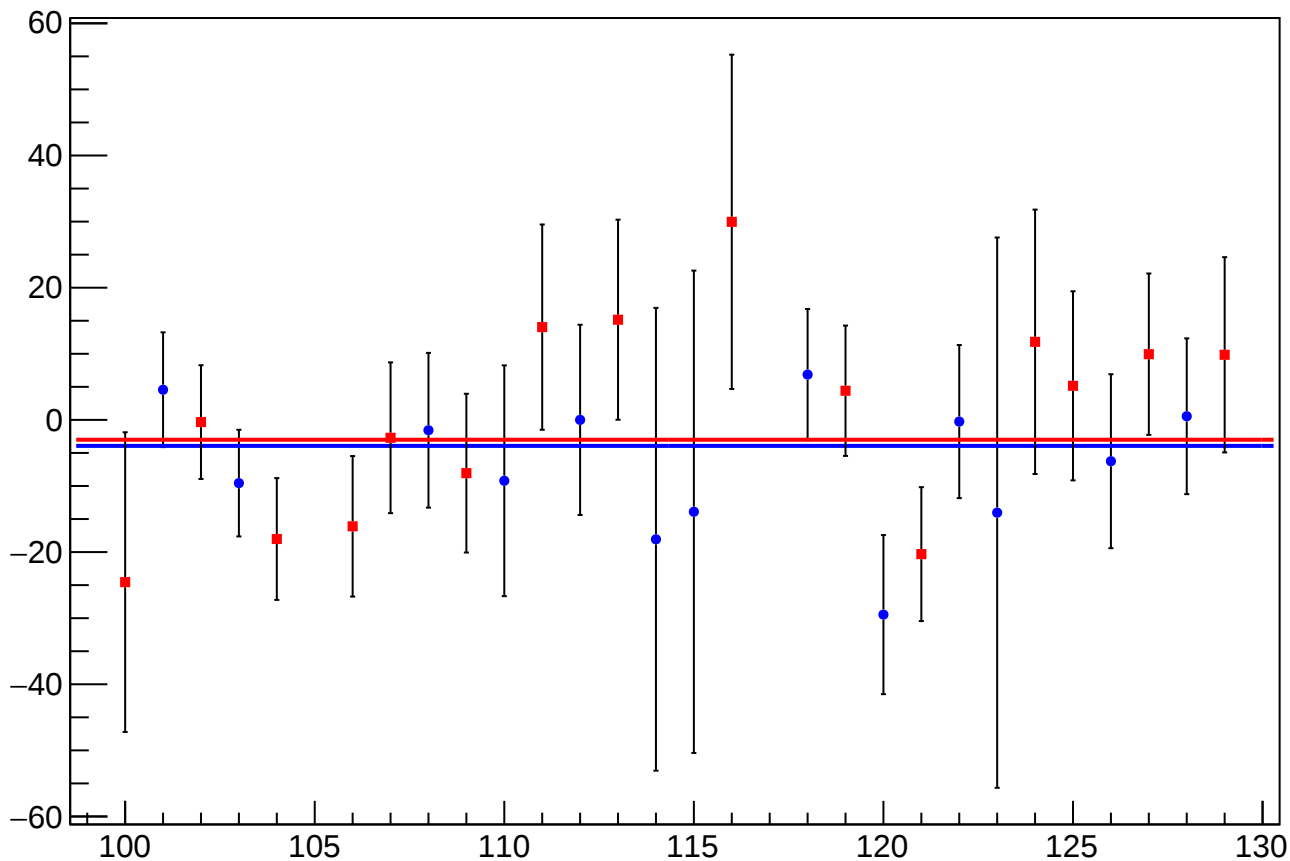
Right: 13357.348+/-2.979 χ^2/NDF : 473007.4/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13357.348+/-2.979 χ^2/NDF : 473007.4/27

diff_bpm4eY_mean vs Slug, Sign Corrected



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

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

Right Out: -3.000 ± 3.170 χ^2/NDF : 15.9/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

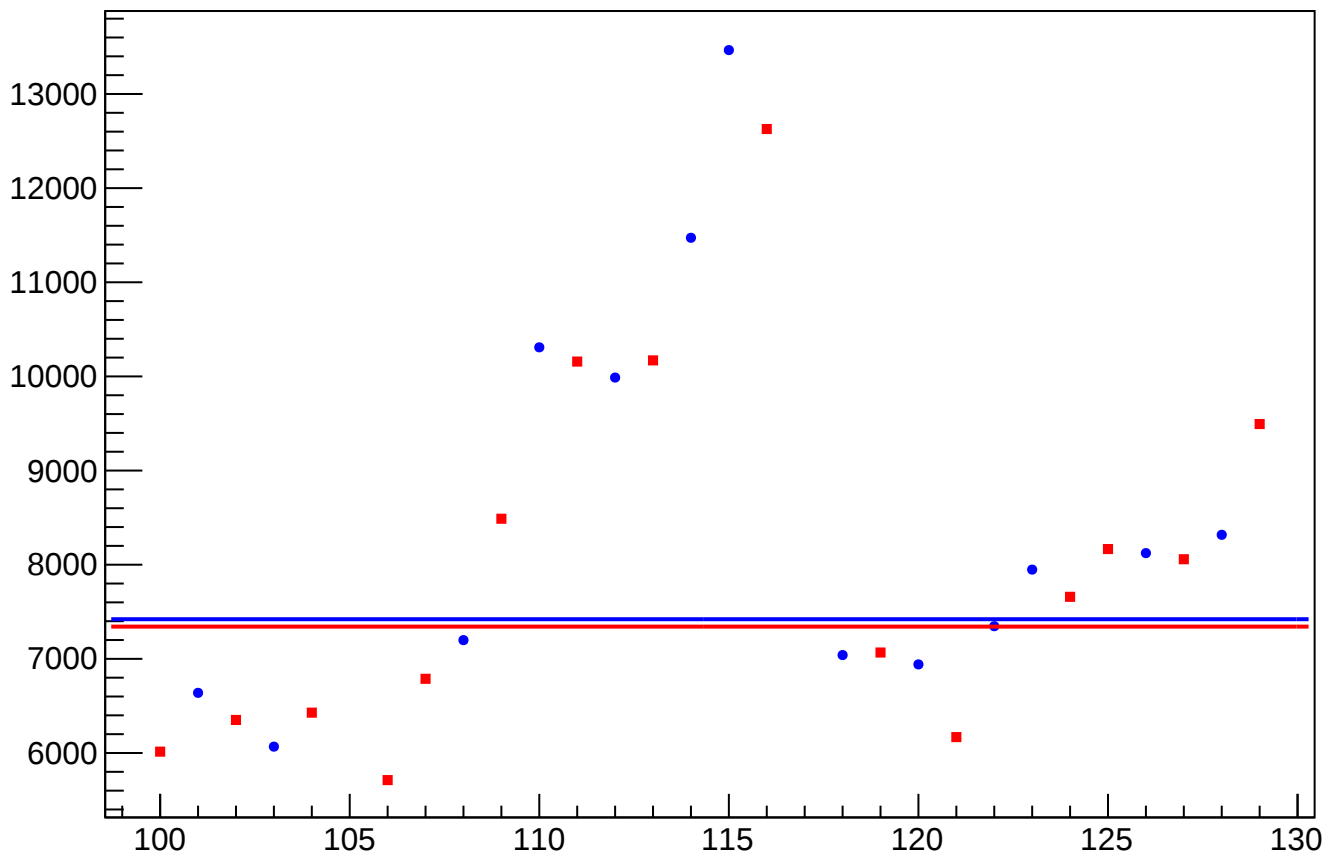
Right: -3.427 ± 2.337 χ^2/NDF : 23.9/27

In: -3.933 ± 3.457 χ^2/NDF : 7.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.427 ± 2.337 χ^2/NDF : 23.9/27

diff_bpm4eY_rms vs Slug, Sign Corrected



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

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

Right Out: 7342.615+/-2.242 χ^2/NDF : 430848.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

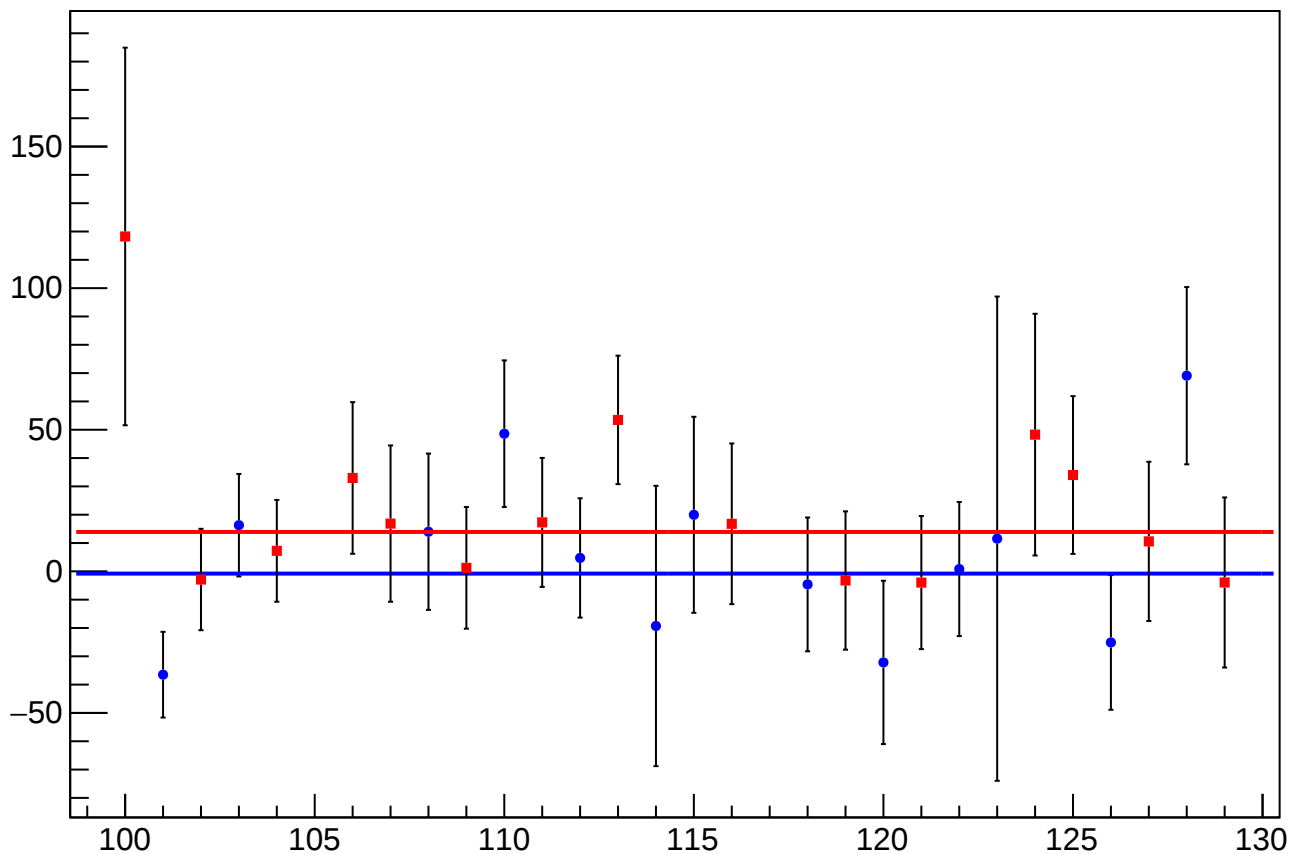
Right: 7378.442+/-1.652 χ^2/NDF : 728511.9/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7378.442+/-1.652 χ^2/NDF : 728511.9/27

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -0.801 ± 6.832 $\chi^2/\text{NDF}: 18.2/12$

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

Right Out: 13.911 ± 6.438 $\chi^2/\text{NDF}: 10.0/14$

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

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

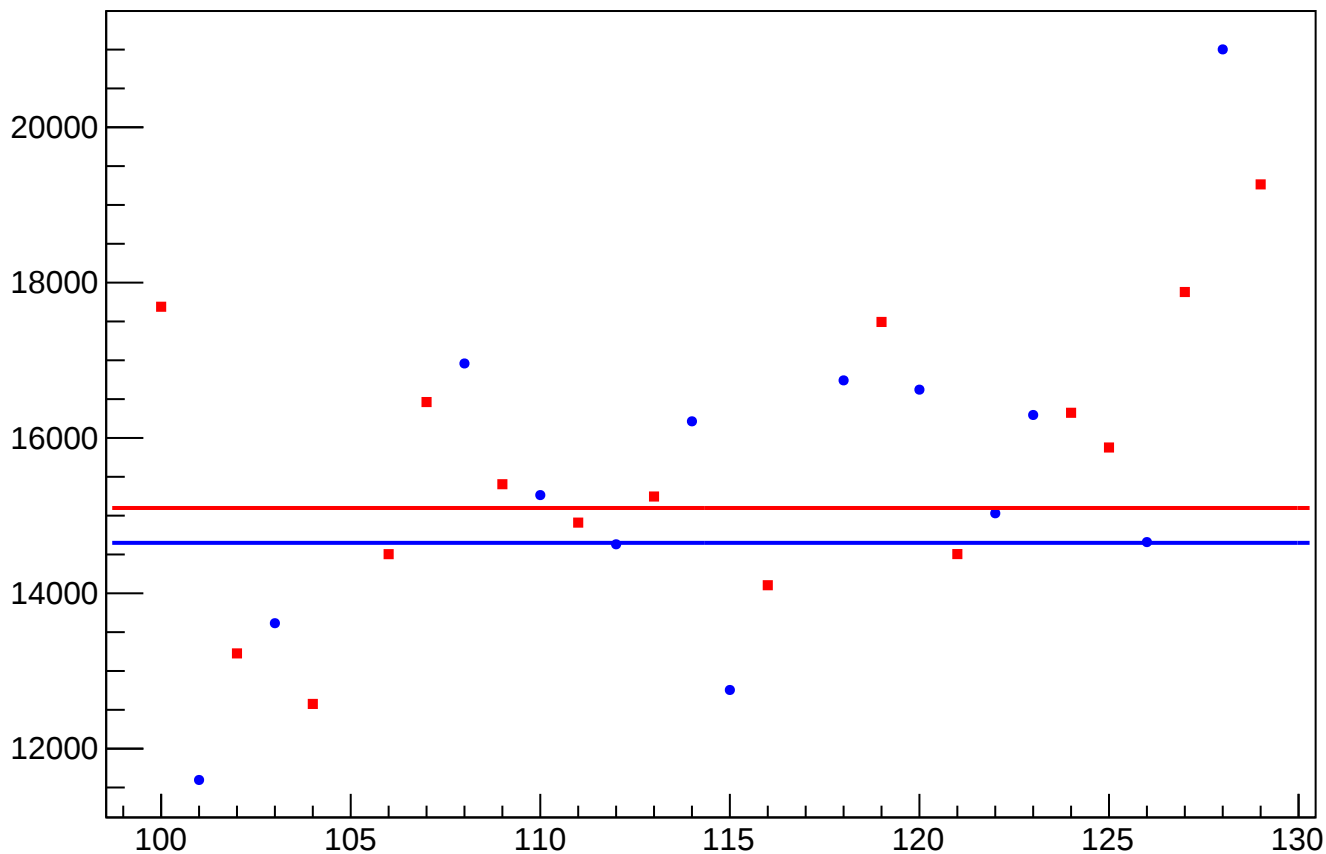
Right: 6.992 ± 4.685 $\chi^2/\text{NDF}: 30.7/27$

In: -0.801 ± 6.832 $\chi^2/\text{NDF}: 18.2/12$

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

All: 6.992 ± 4.685 $\chi^2/\text{NDF}: 30.7/27$

diff_bpm4acX_rms vs Slug, Sign Corrected



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

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

Right Out: 15098.519+/-4.552 χ^2/NDF : 155036.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

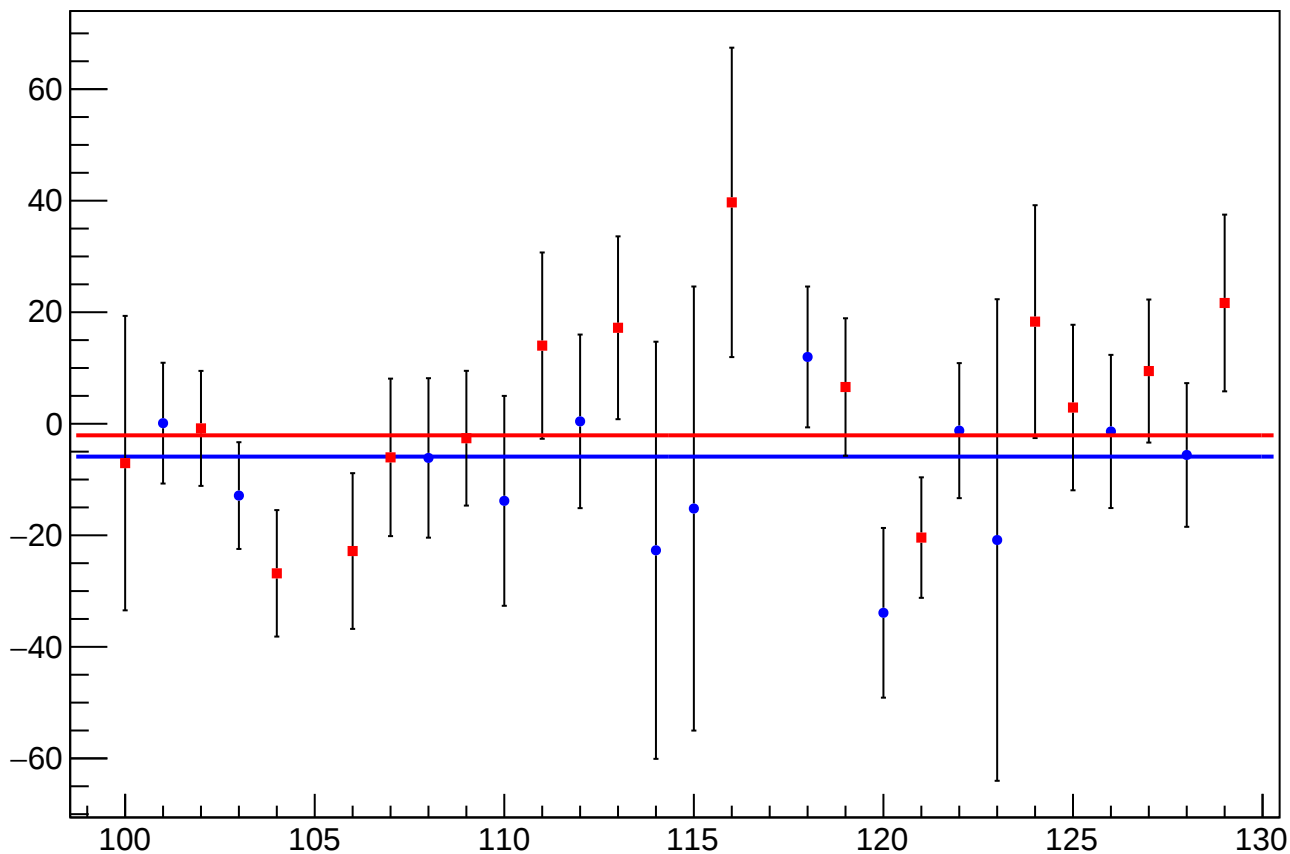
Right: 14887.415+/-3.313 χ^2/NDF : 379360.4/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14887.415+/-3.313 χ^2/NDF : 379360.4/27

diff_bpm4acY_mean vs Slug, Sign Corrected



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

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

Right Out: -2.073 $\pm$ 3.621 χ^2 /NDF: 19.2/14

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

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

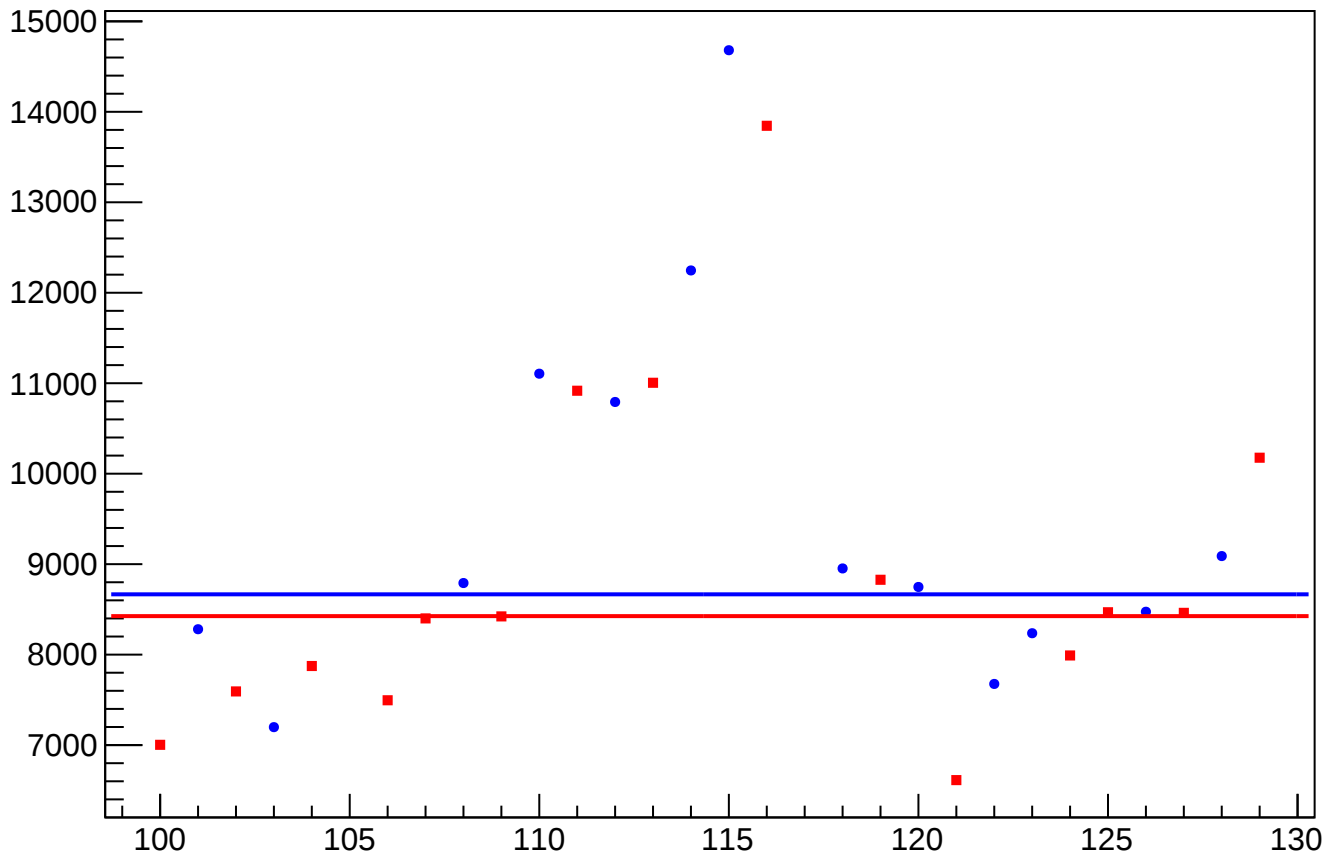
Right: -3.783 $\pm$ 2.690 χ^2 /NDF: 26.9/27

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3.783 $\pm$ 2.690 χ^2 /NDF: 26.9/27

diff_bpm4acY_rms vs Slug, Sign Corrected



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

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

Right Out: 8425.627+/-2.560 χ^2/NDF : 286557.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

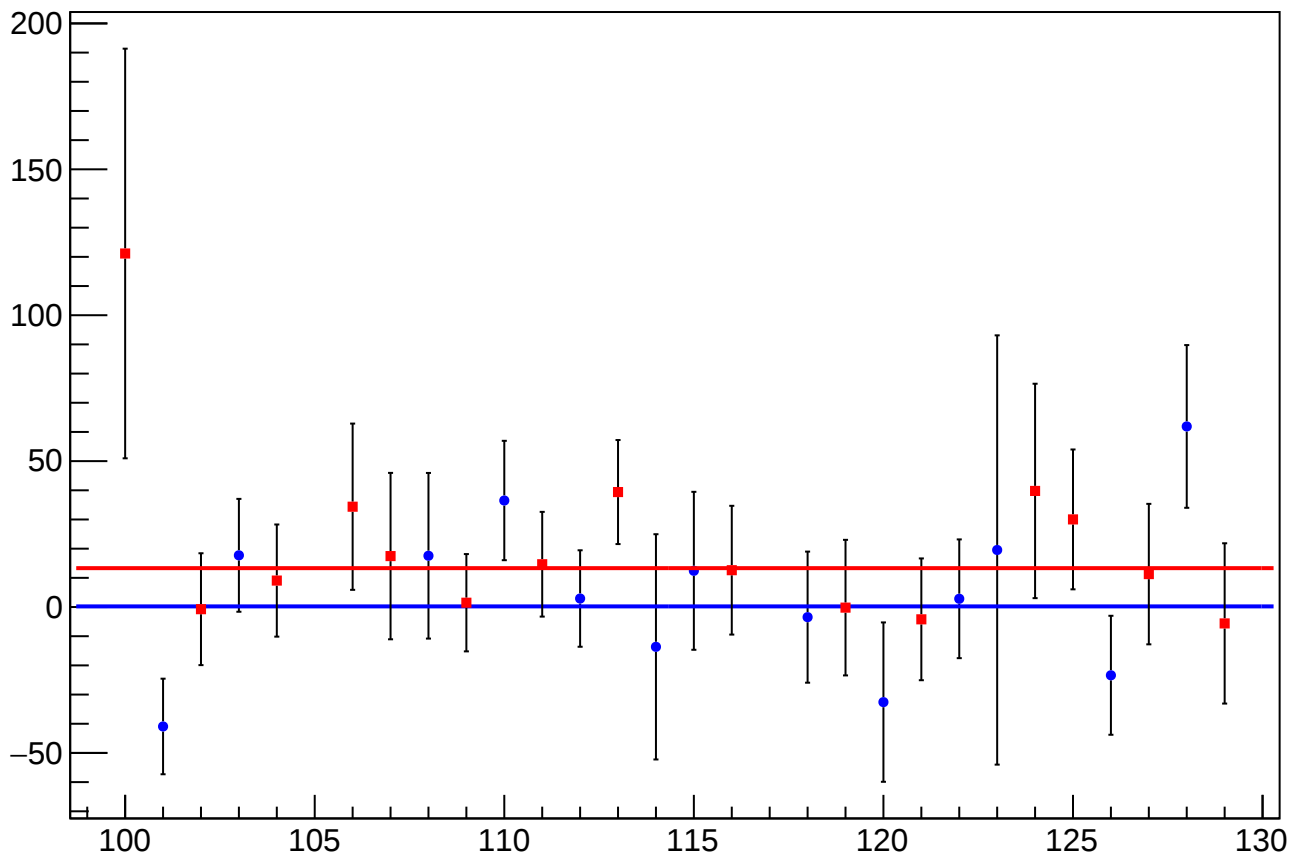
Right: 8533.579+/-1.902 χ^2/NDF : 492384.0/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8533.579+/-1.902 χ^2/NDF : 492384.0/27

diff_bpm4ecX_mean vs Slug, Sign Corrected



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

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

Right Out: 13.324+/-5.804 χ^2/NDF : 8.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

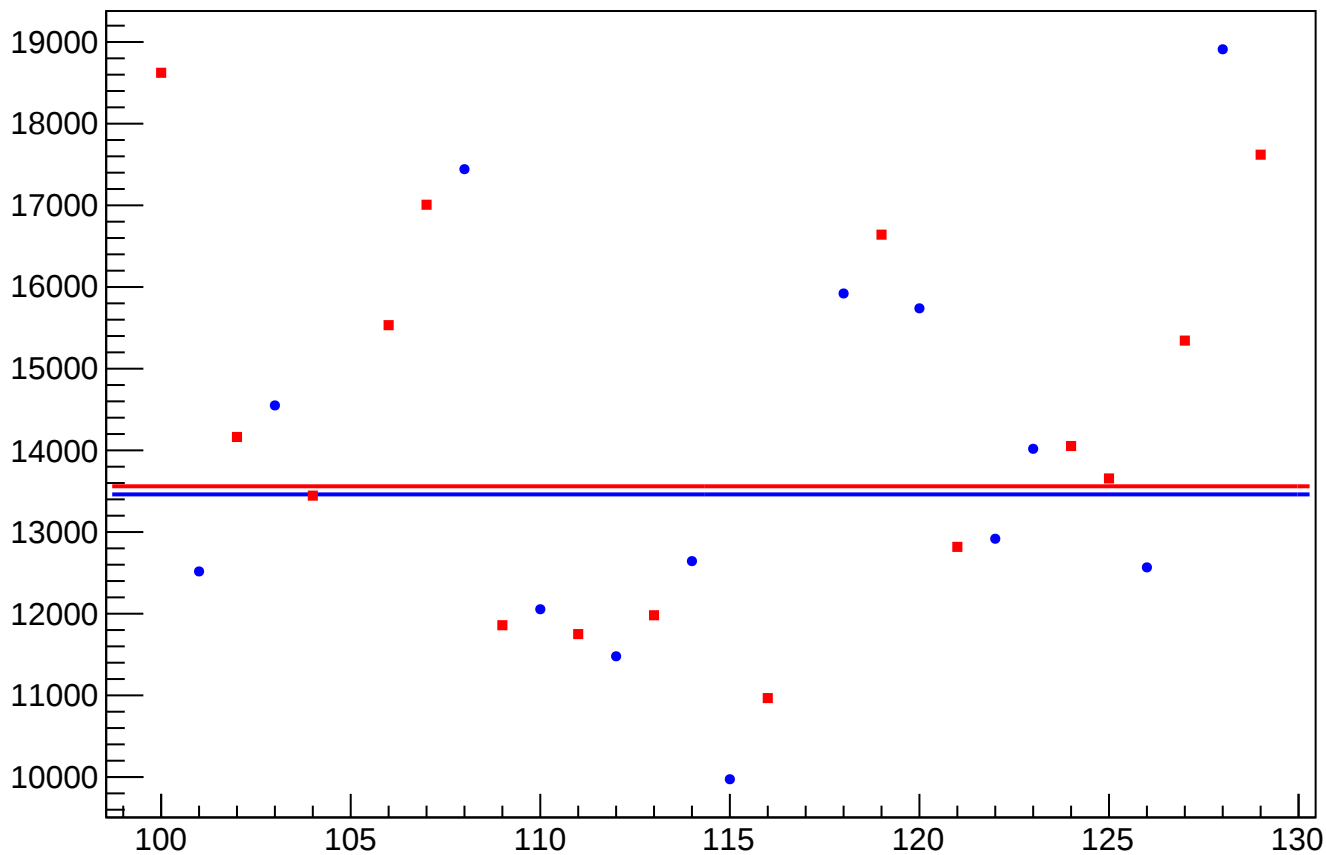
Right: 7.287+/-4.263 χ^2/NDF : 29.8/27

In: 0.217+/-6.281 χ^2/NDF :18.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7.287+/-4.263 χ^2/NDF : 29.8/27

diff_bpm4ecX_rms vs Slug, Sign Corrected



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

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

Right Out: 13560.000+/-4.104 χ^2/NDF : 228548.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

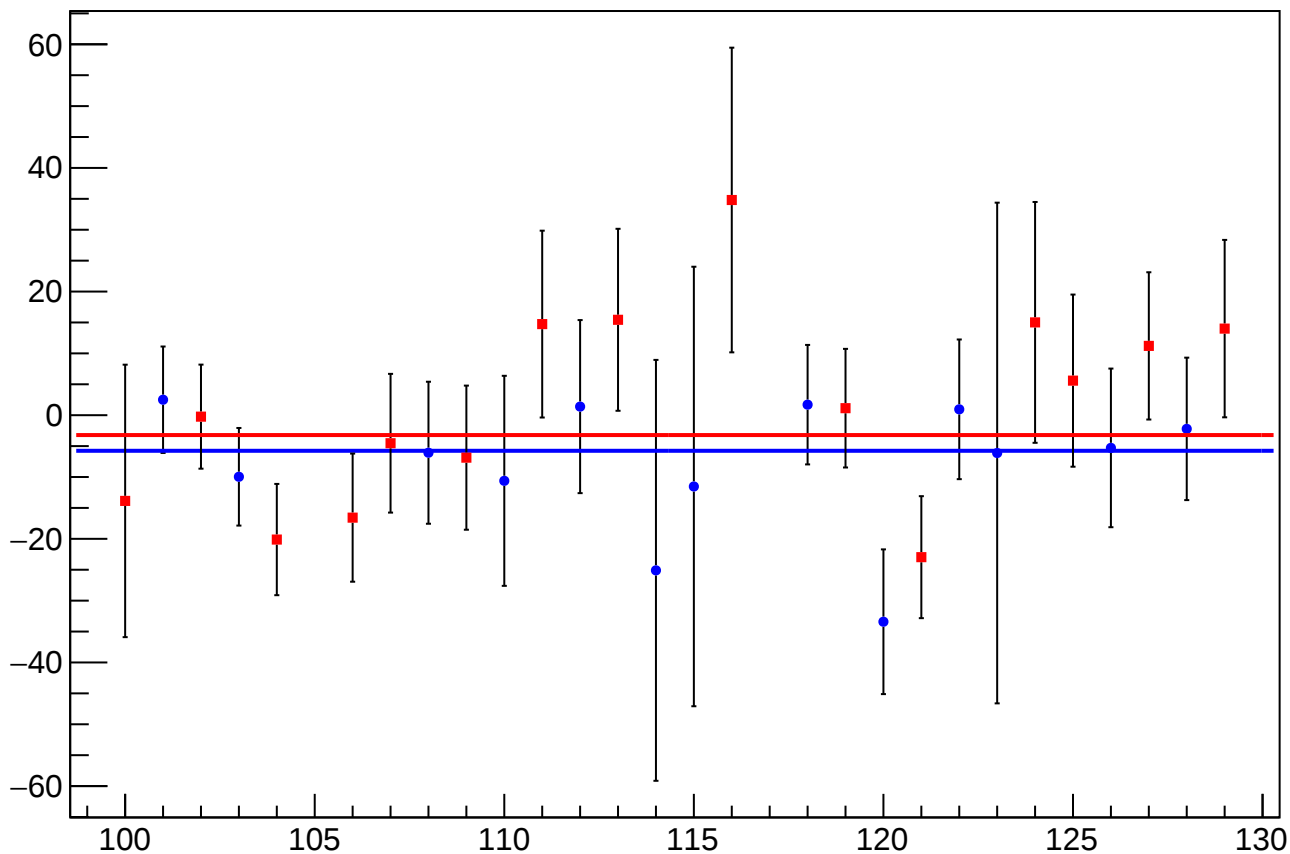
Right: 13514.297+/-3.014 χ^2/NDF : 473177.6/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13514.297+/-3.014 χ^2/NDF : 473177.6/27

diff_bpm4ecY_mean vs Slug, Sign Corrected



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

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

Right Out: -3.214 ± 3.092 χ^2/NDF : 19.5/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

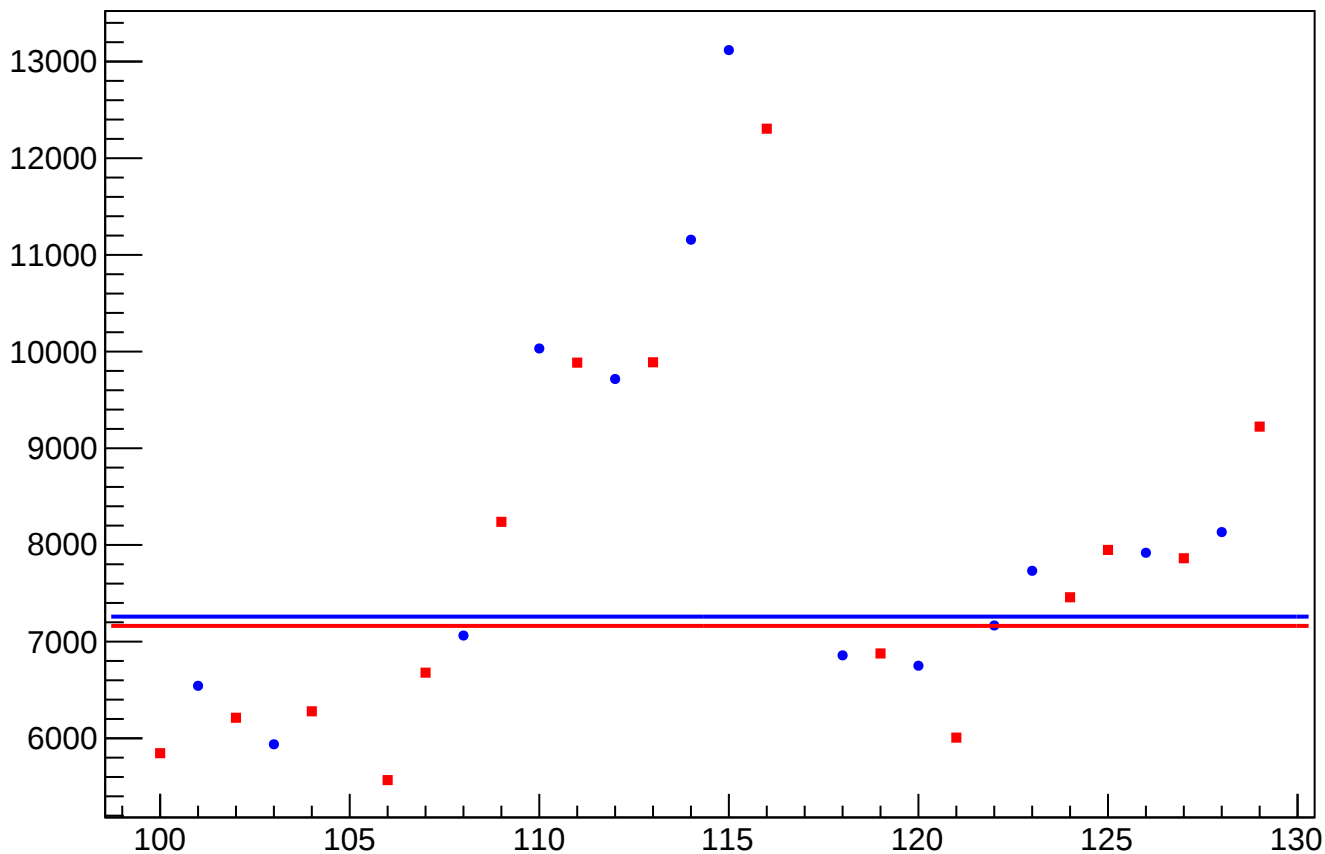
Right: -4.372 ± 2.282 χ^2/NDF : 28.3/27

In: -5.759 ± 3.383 χ^2/NDF : 8.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.372 ± 2.282 χ^2/NDF : 28.3/27

diff_bpm4ecY_rms vs Slug, Sign Corrected



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

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

Right Out: 7162.621+/-2.186 χ^2/NDF : 424887.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

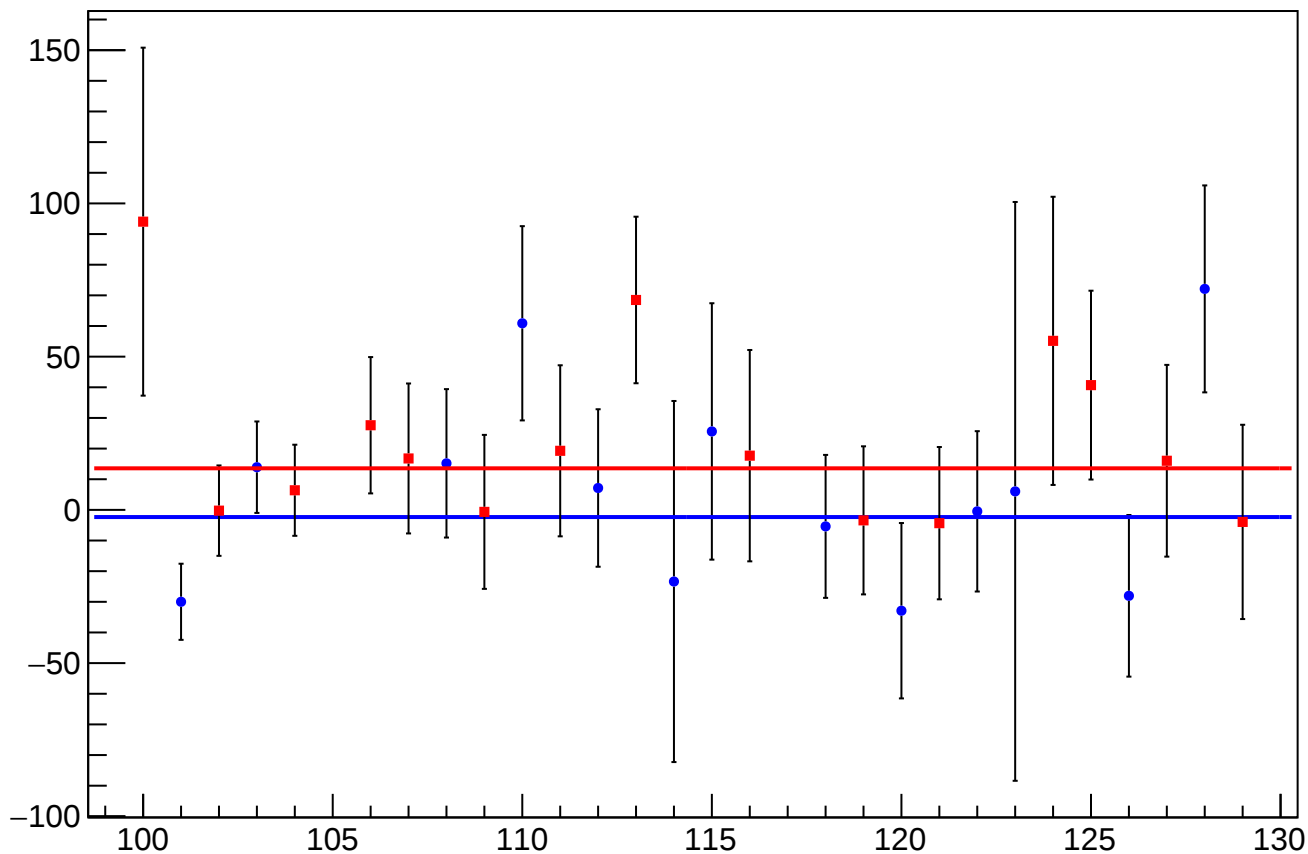
Right: 7206.312+/-1.614 χ^2/NDF : 716048.5/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7206.312+/-1.614 χ^2/NDF : 716048.5/27

diff_bpm1X_mean vs Slug, Sign Corrected



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

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

Right Out: 13.561+/-6.319 χ^2/NDF : 10.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

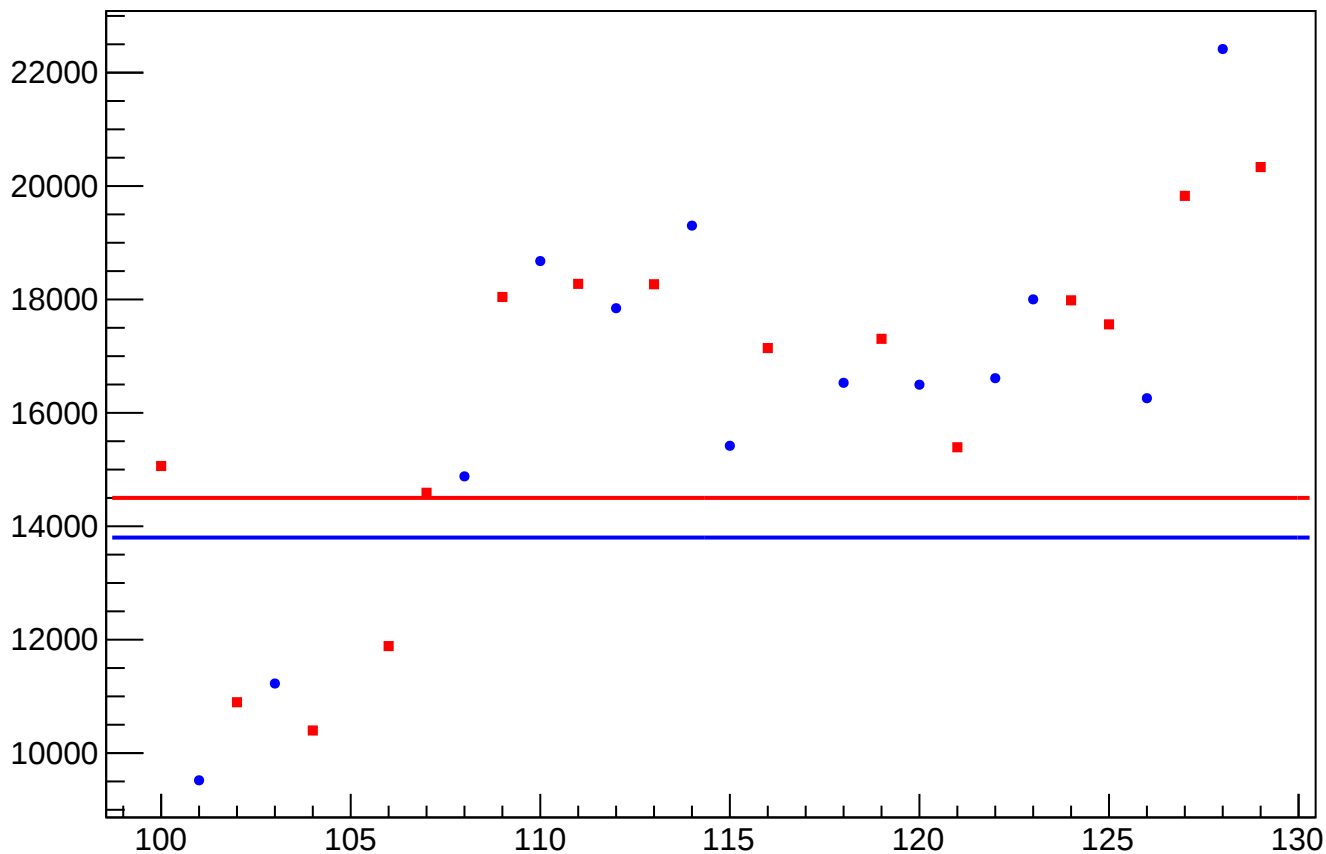
Right: 5.950+/-4.562 χ^2/NDF : 32.3/27

In: -2.340+/-6.594 χ^2/NDF : 18.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.950+/-4.562 χ^2/NDF : 32.3/27

diff_bpm1X_rms vs Slug, Sign Corrected



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

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

Right Out: 14500.387+/-4.468 χ^2/NDF : 612129.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

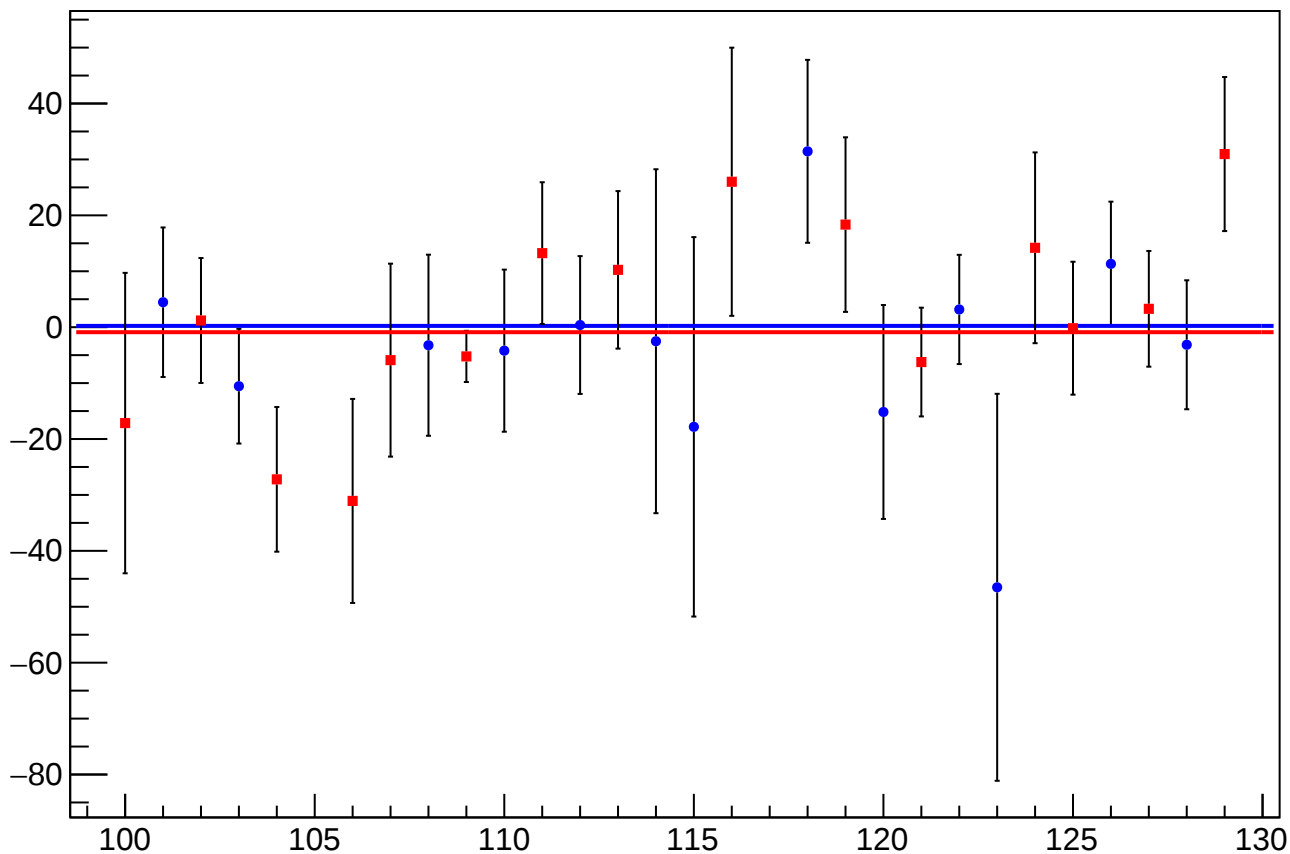
Right: 14165.636+/-3.226 χ^2/NDF : 1262006.6/27

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14165.636+/-3.226 χ^2/NDF : 1262006.6/27

diff_bpm1Y_mean vs Slug, Sign Corrected



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

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

Right Out: -0.895+/-2.860 χ^2/NDF : 19.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

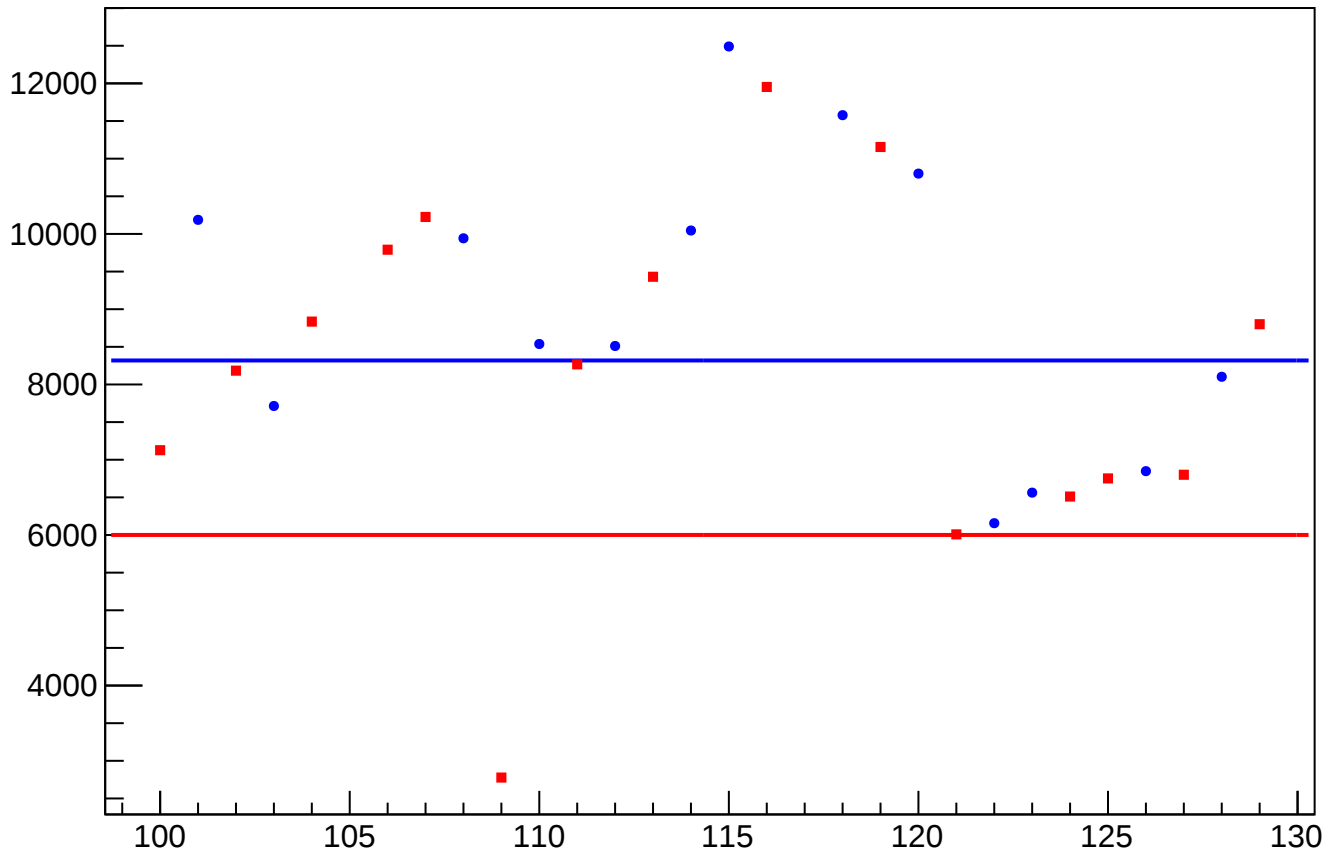
Right: -0.502+/-2.307 χ^2/NDF : 28.5/27

In: 0.231+/-3.906 χ^2/NDF : 8.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.502+/-2.307 χ^2/NDF : 28.5/27

diff_bpm1Y_rms vs Slug, Sign Corrected



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

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

Right Out: 6000.767+/-2.022 χ^2/NDF : 2001635.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

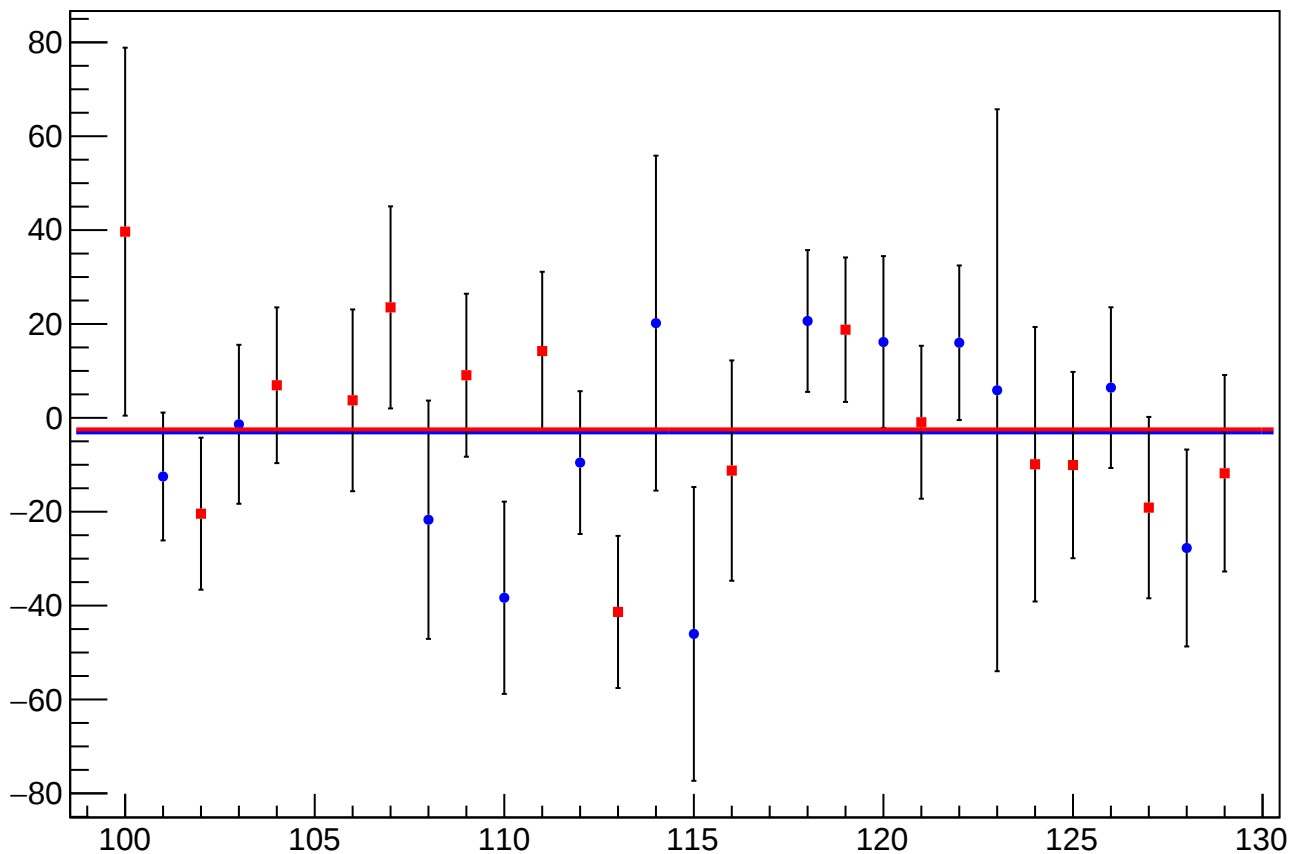
Right: 6809.860+/-1.632 χ^2/NDF : 2815586.4/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6809.860+/-1.632 χ^2/NDF : 2815586.4/27

diff_bpm11X_mean vs Slug, Sign Corrected



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

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

Right Out: -2.459+/-4.877 χ^2 /NDF: 14.7/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

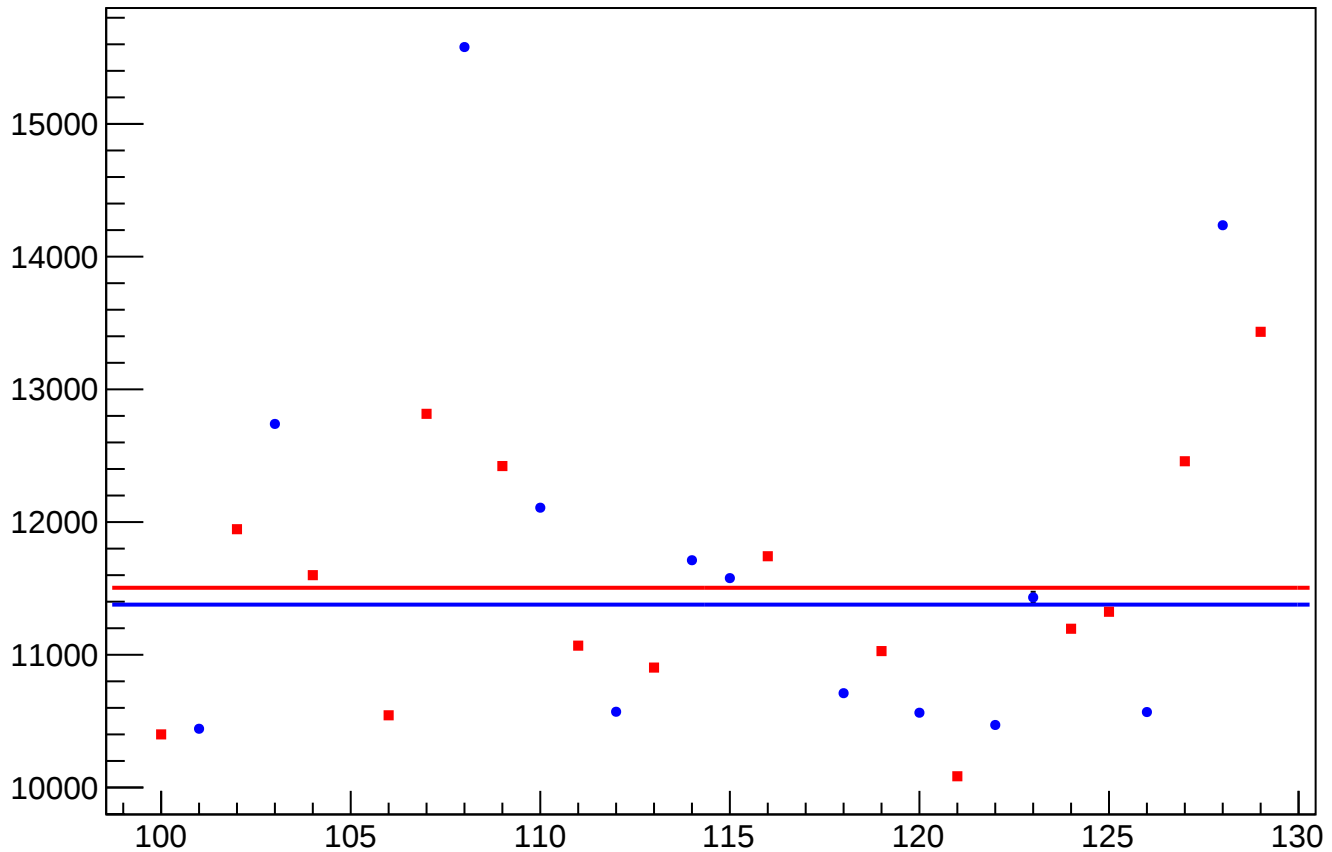
Right: -2.752+/-3.581 χ^2 /NDF: 27.8/27

In: -3.095+/-5.274 χ^2 /NDF:13.1/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.752+/-3.581 χ^2 /NDF: 27.8/27

diff_bpm11X_rms vs Slug, Sign Corrected



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

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

Right Out: 11504.967+/-3.449 χ^2/NDF : 64723.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

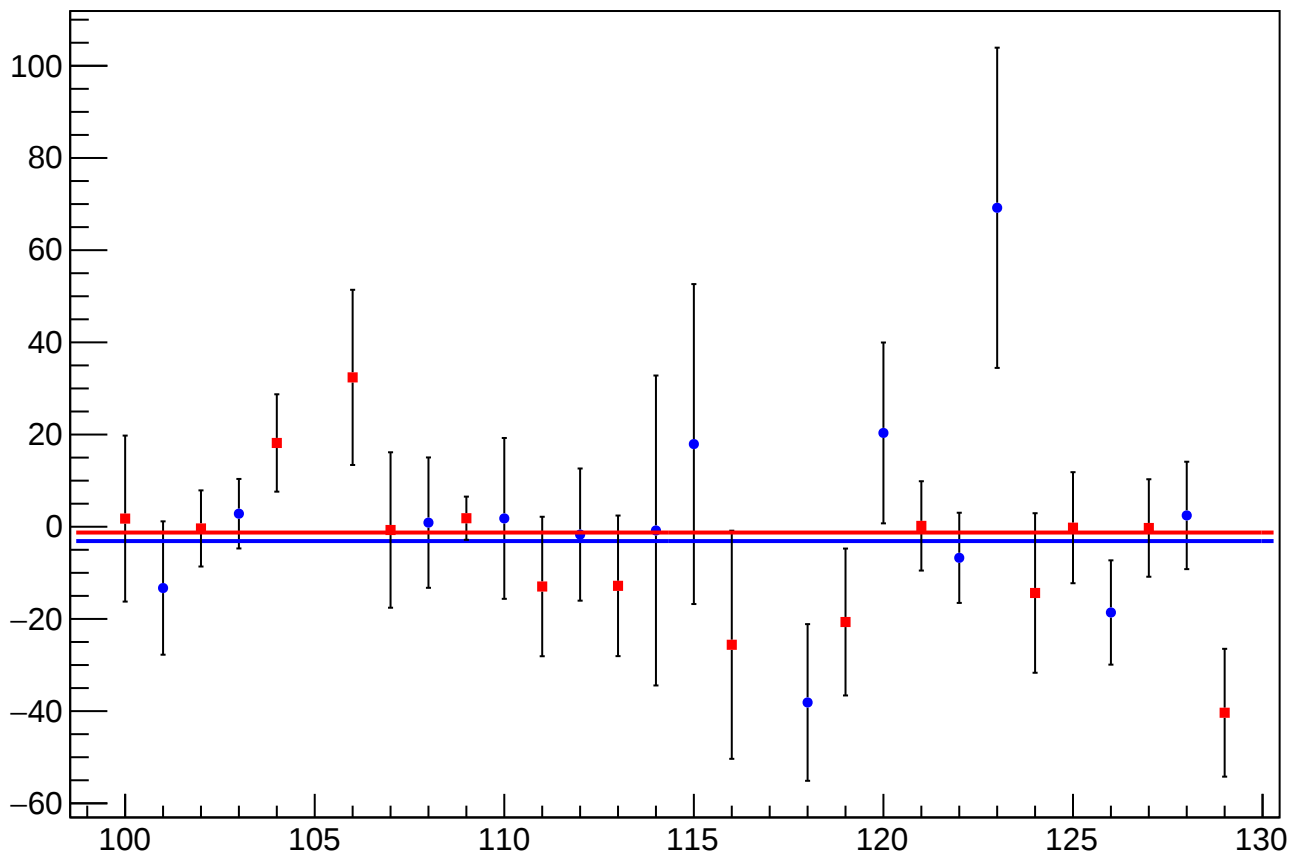
Right: 11446.413+/-2.532 χ^2/NDF : 206455.6/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11446.413+/-2.532 χ^2/NDF : 206455.6/27

diff_bpm11Y_mean vs Slug, Sign Corrected



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

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

Right Out: -1.256+/-2.798 χ^2/NDF : 19.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

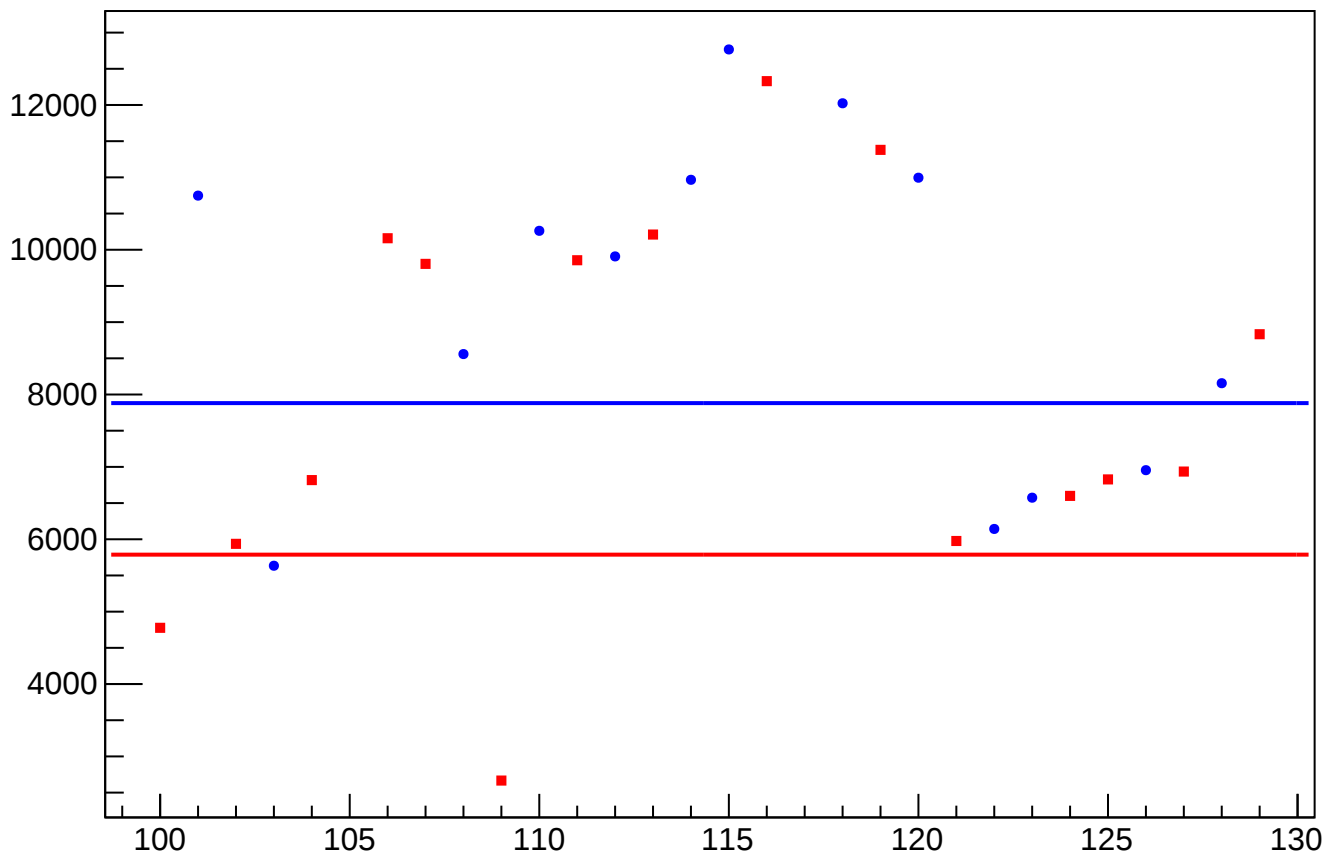
Right: -1.910+/-2.250 χ^2/NDF : 33.3/27

In: -3.109+/-3.786 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.910+/-2.250 χ^2/NDF : 33.3/27

diff_bpm11Y_rms vs Slug, Sign Corrected



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

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

Right Out: 5787.563+/-1.978 χ^2/NDF : 1970907.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

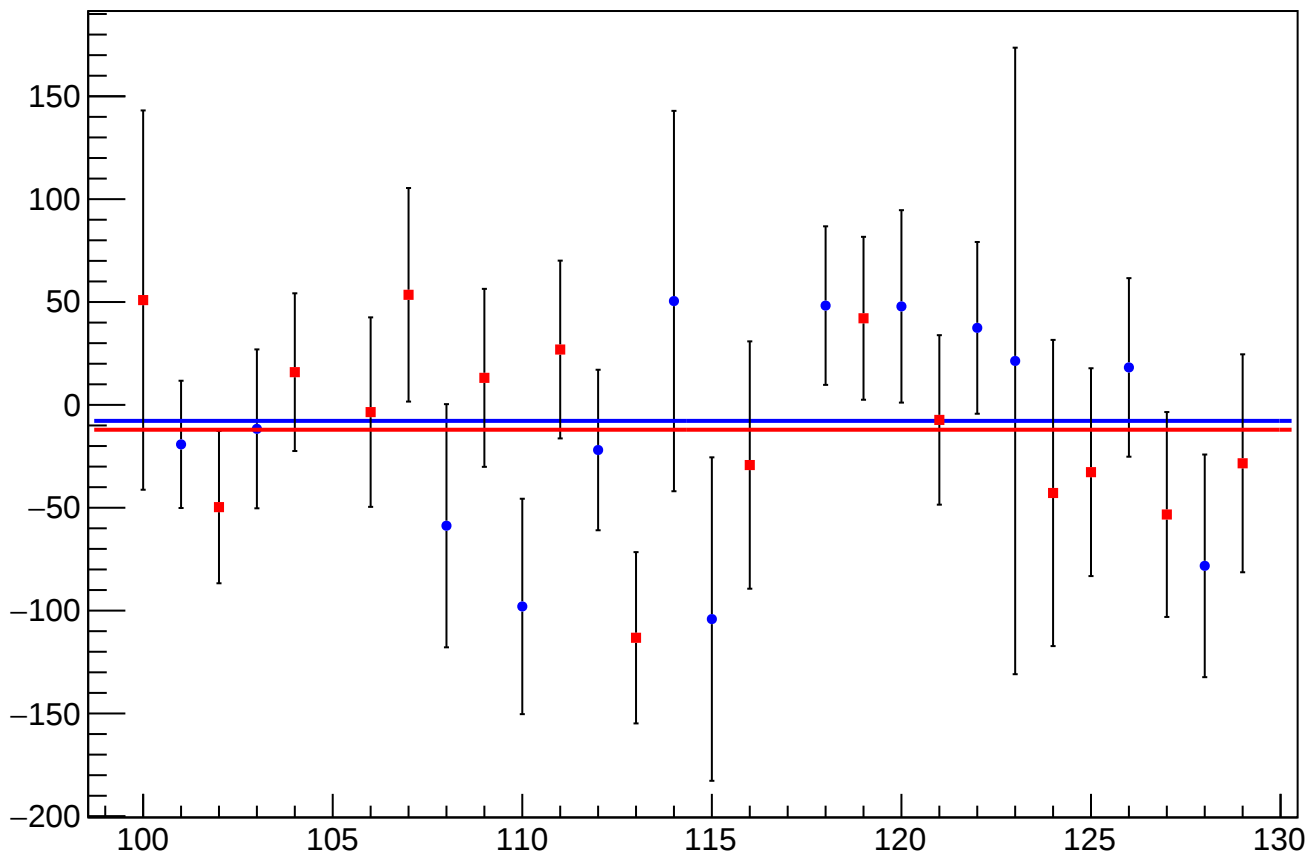
Right: 6526.975+/-1.591 χ^2/NDF : 3010693.1/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6526.975+/-1.591 χ^2/NDF : 3010693.1/27

diff_bpm12X_mean vs Slug, Sign Corrected



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

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

Right Out: -12.081+/-12.079 χ^2/NDF : 13.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

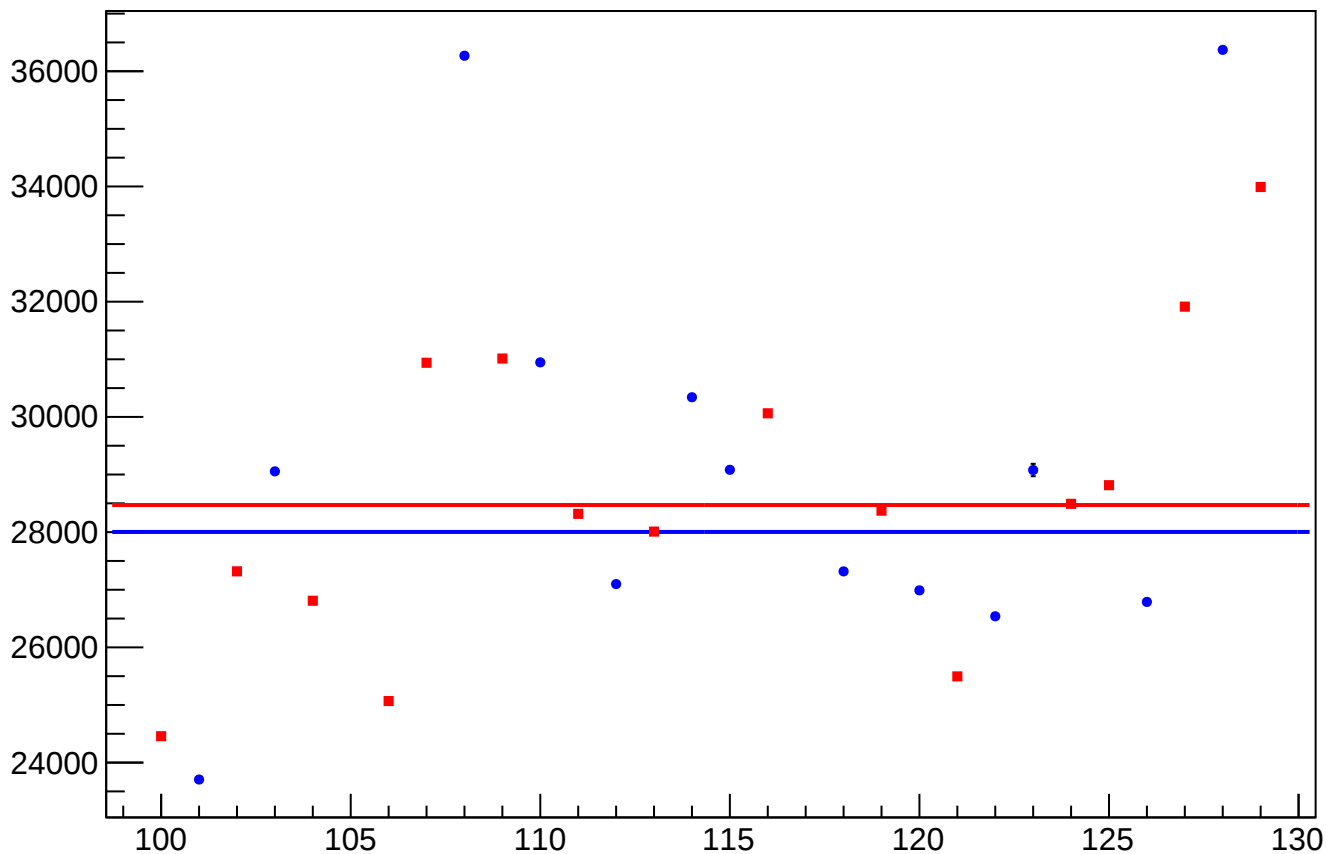
Right: -10.085+/-8.847 χ^2/NDF : 26.5/27

In: -7.776+/-12.994 χ^2/NDF : 12.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.085+/-8.847 χ^2/NDF : 26.5/27

diff_bpm12X_rms vs Slug, Sign Corrected



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

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

Right Out: 28470.658+/-8.541 χ^2/NDF : 75314.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

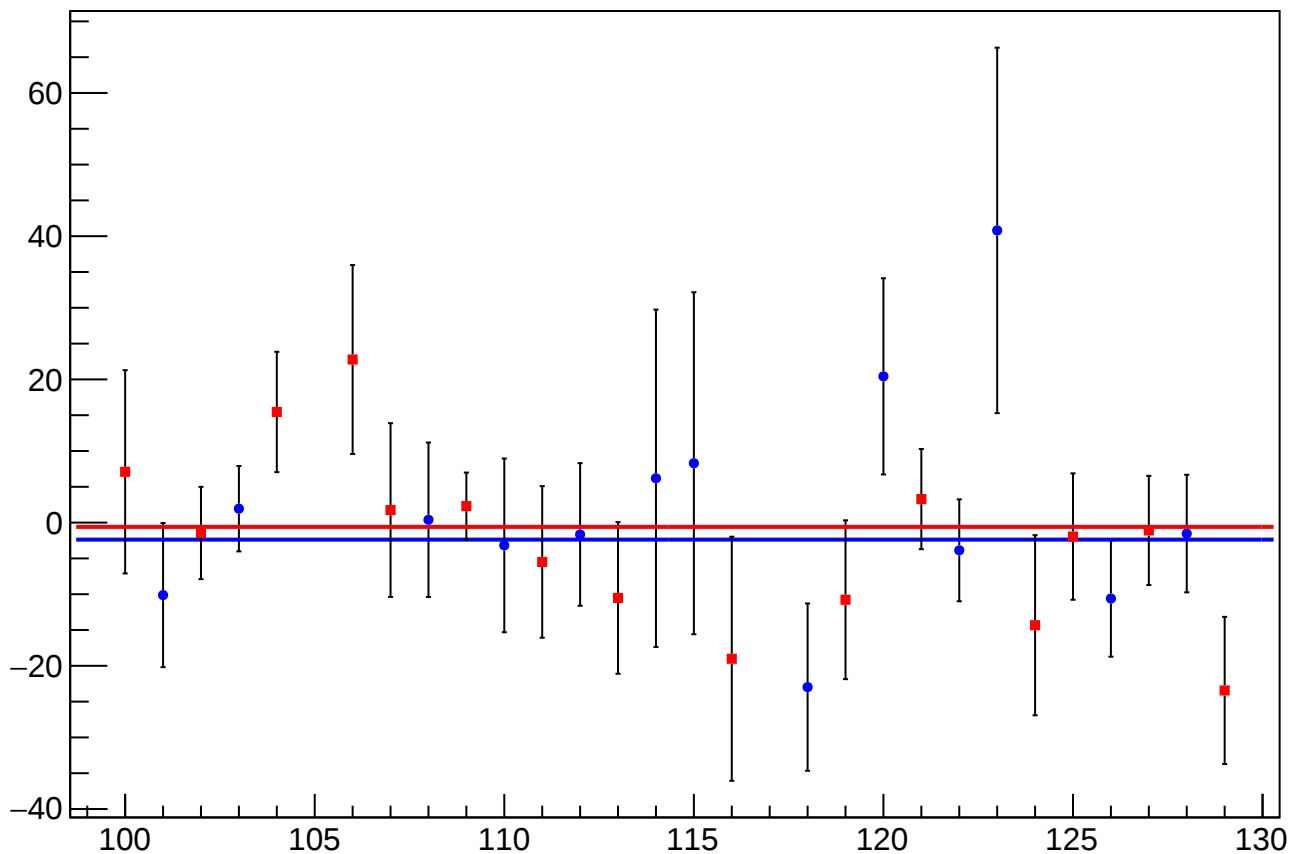
Right: 28254.109+/-6.256 χ^2/NDF : 218489.0/27

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 28254.109+/-6.256 χ^2/NDF : 218489.0/27

diff_bpm12Y_mean vs Slug, Sign Corrected



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

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

Right Out: -0.598+/-2.253 χ^2/NDF : 17.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

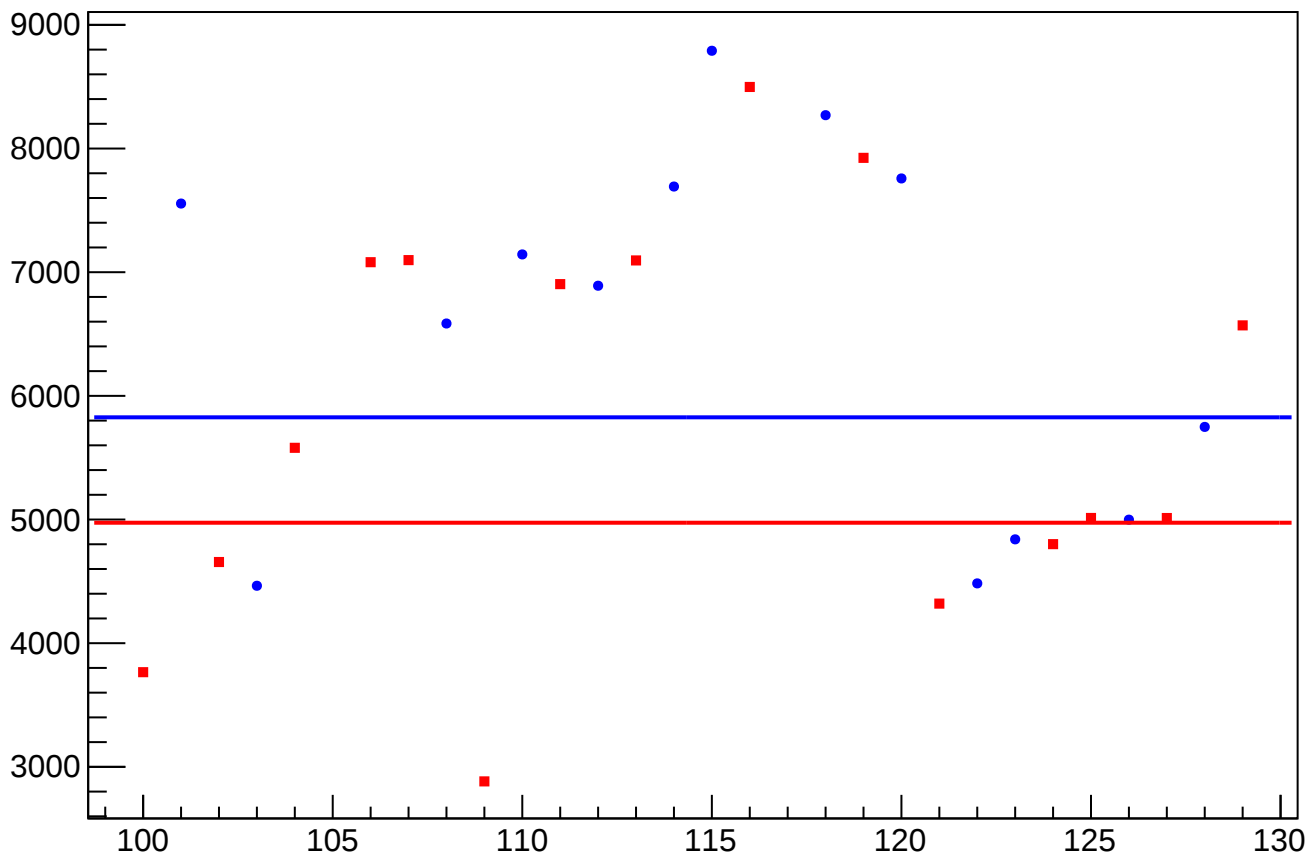
Right: -1.308+/-1.746 χ^2/NDF : 28.7/27

In: -2.375+/-2.764 χ^2/NDF : 11.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.308+/-1.746 χ^2/NDF : 28.7/27

diff_bpm12Y_rms vs Slug, Sign Corrected



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

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

Right Out: 4974.140+/-1.593 χ^2/NDF : 981470.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

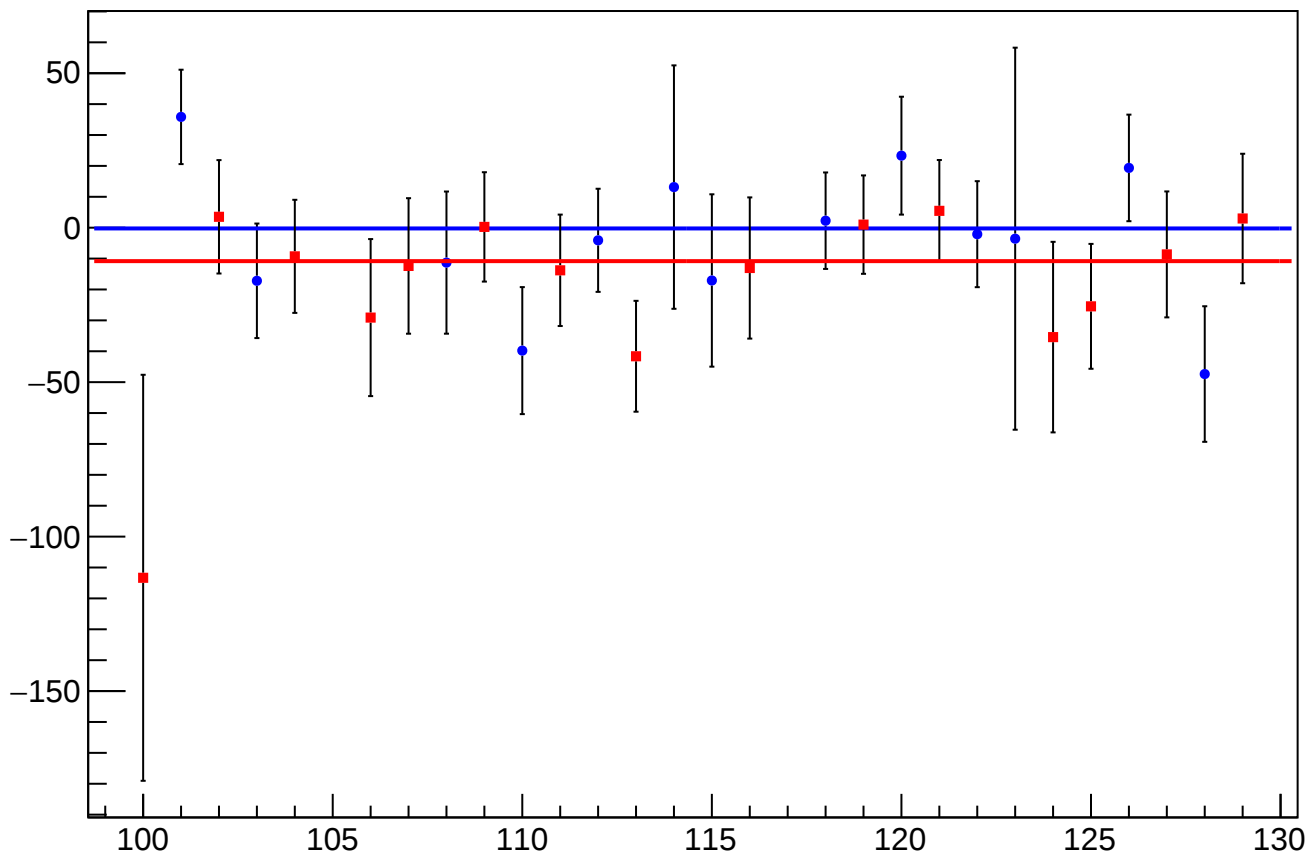
Right: 5314.377+/-1.235 χ^2/NDF : 1581156.2/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5314.377+/-1.235 χ^2/NDF : 1581156.2/27

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.247 $\pm$ 5.512 χ^2/NDF : 18.4/12

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

Right Out: -10.827 $\pm$ 5.204 χ^2/NDF : 10.1/14

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

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

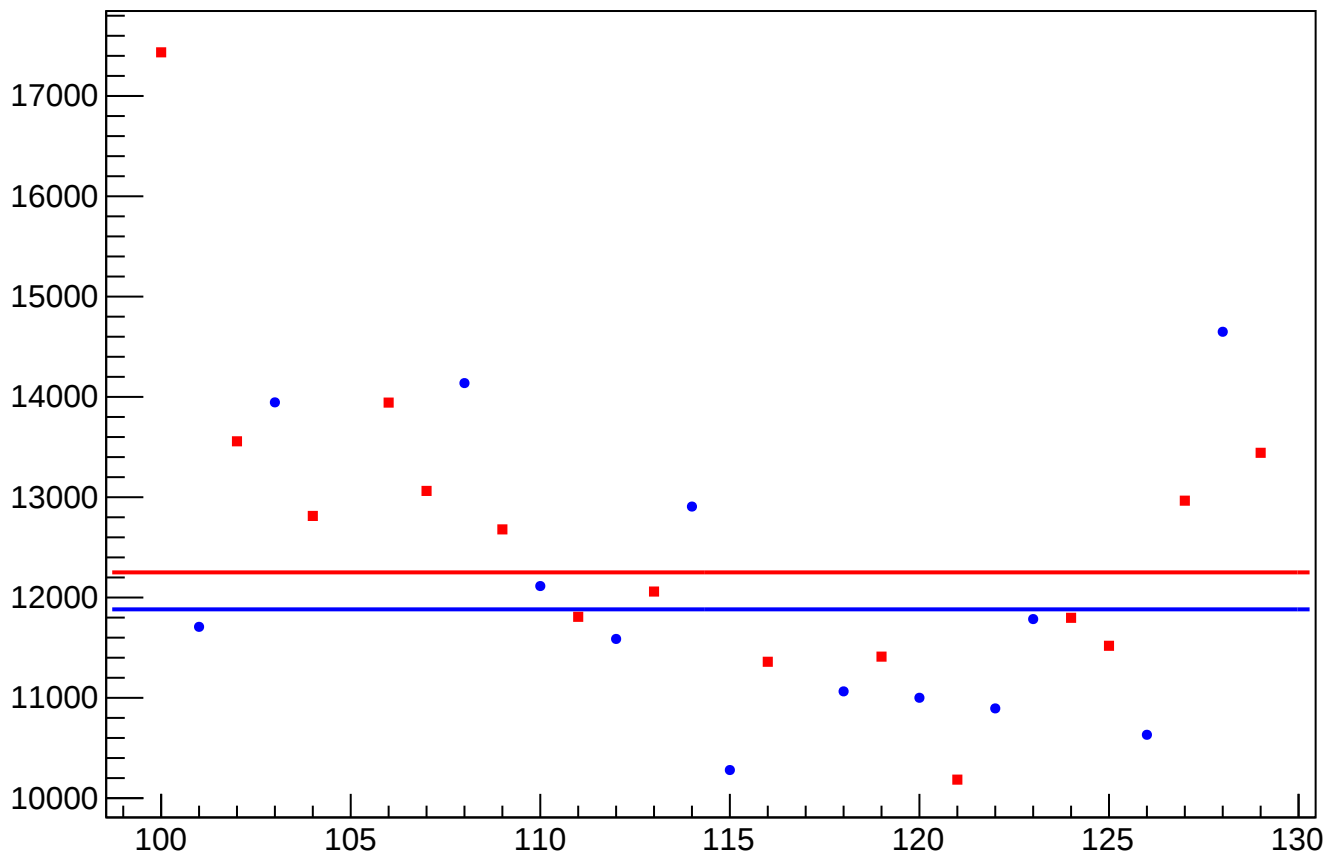
Right: -5.840 $\pm$ 3.784 χ^2/NDF : 30.4/27

In: -0.247 $\pm$ 5.512 χ^2/NDF : 18.4/12

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

All: -5.840 $\pm$ 3.784 χ^2/NDF : 30.4/27

diff_bpm16X_rms vs Slug, Sign Corrected



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

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

Right Out: 12250.692+/-3.680 χ^2/NDF : 90818.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

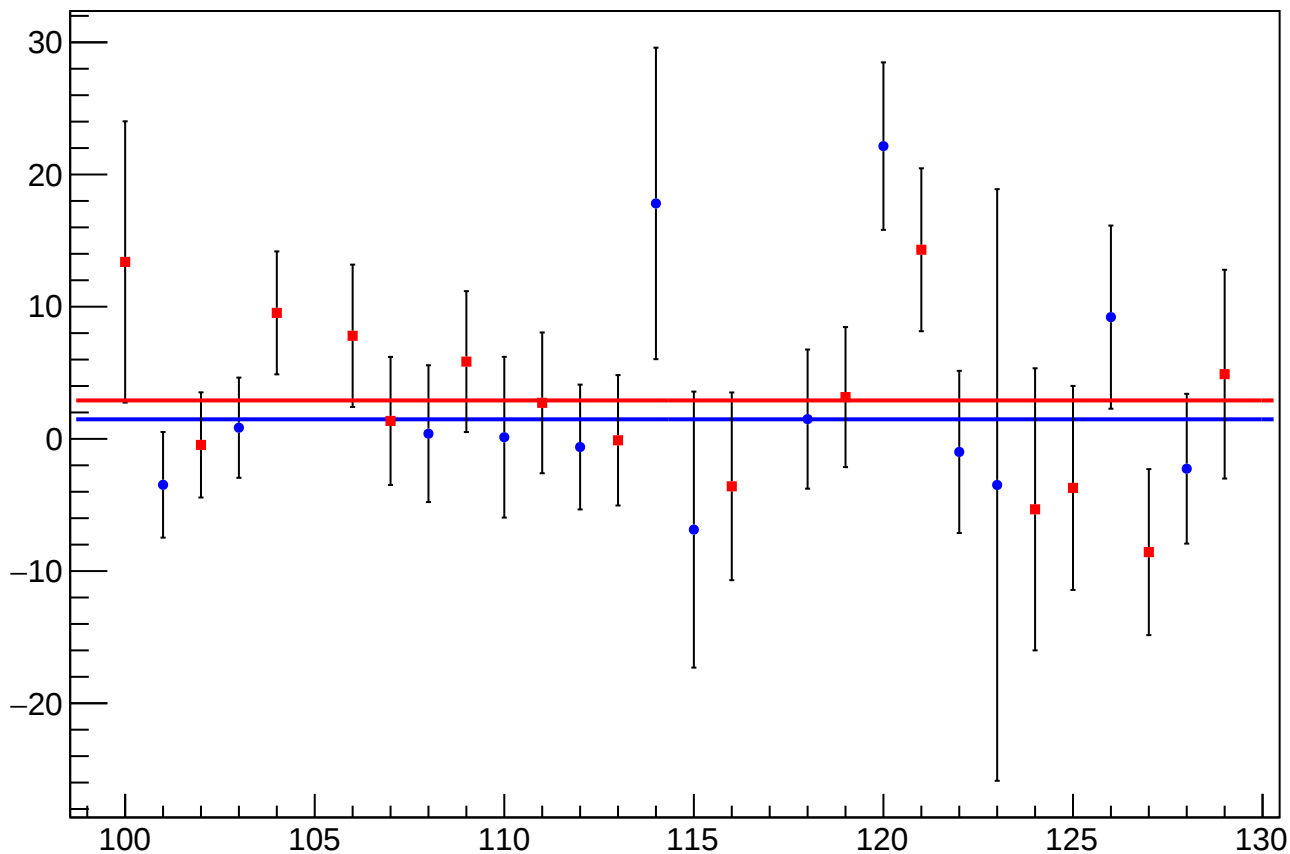
Right: 12076.979+/-2.676 χ^2/NDF : 207333.1/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12076.979+/-2.676 χ^2/NDF : 207333.1/27

diff_bpm16Y_mean vs Slug, Sign Corrected



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

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

Right Out: 2.908+/-1.481 χ^2/NDF : 14.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

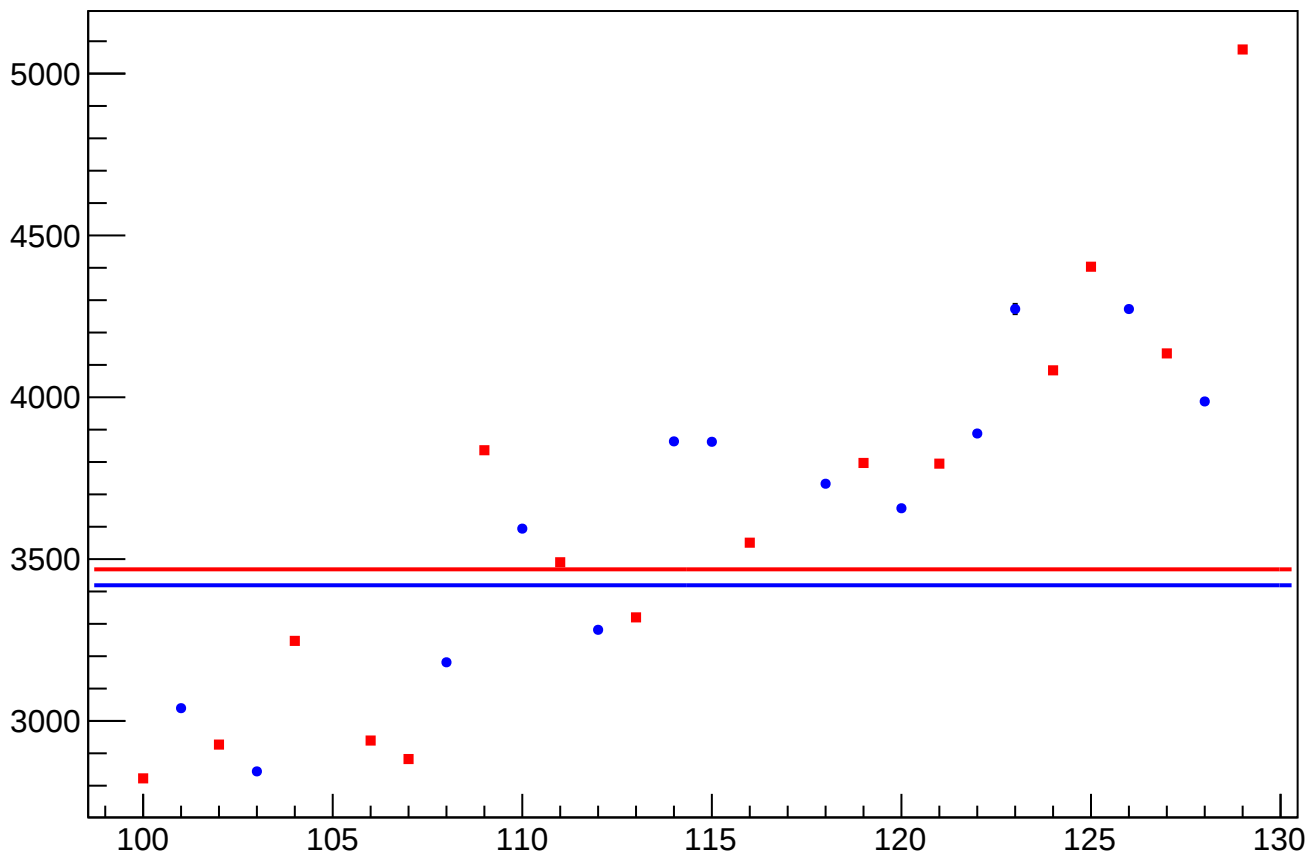
Right: 2.241+/-1.081 χ^2/NDF : 31.7/27

In: 1.480+/-1.582 χ^2/NDF : 17.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.241+/-1.081 χ^2/NDF : 31.7/27

diff_bpm16Y_rms vs Slug, Sign Corrected



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

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

Right Out: 3468.411+/-1.047 χ^2/NDF : 263765.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

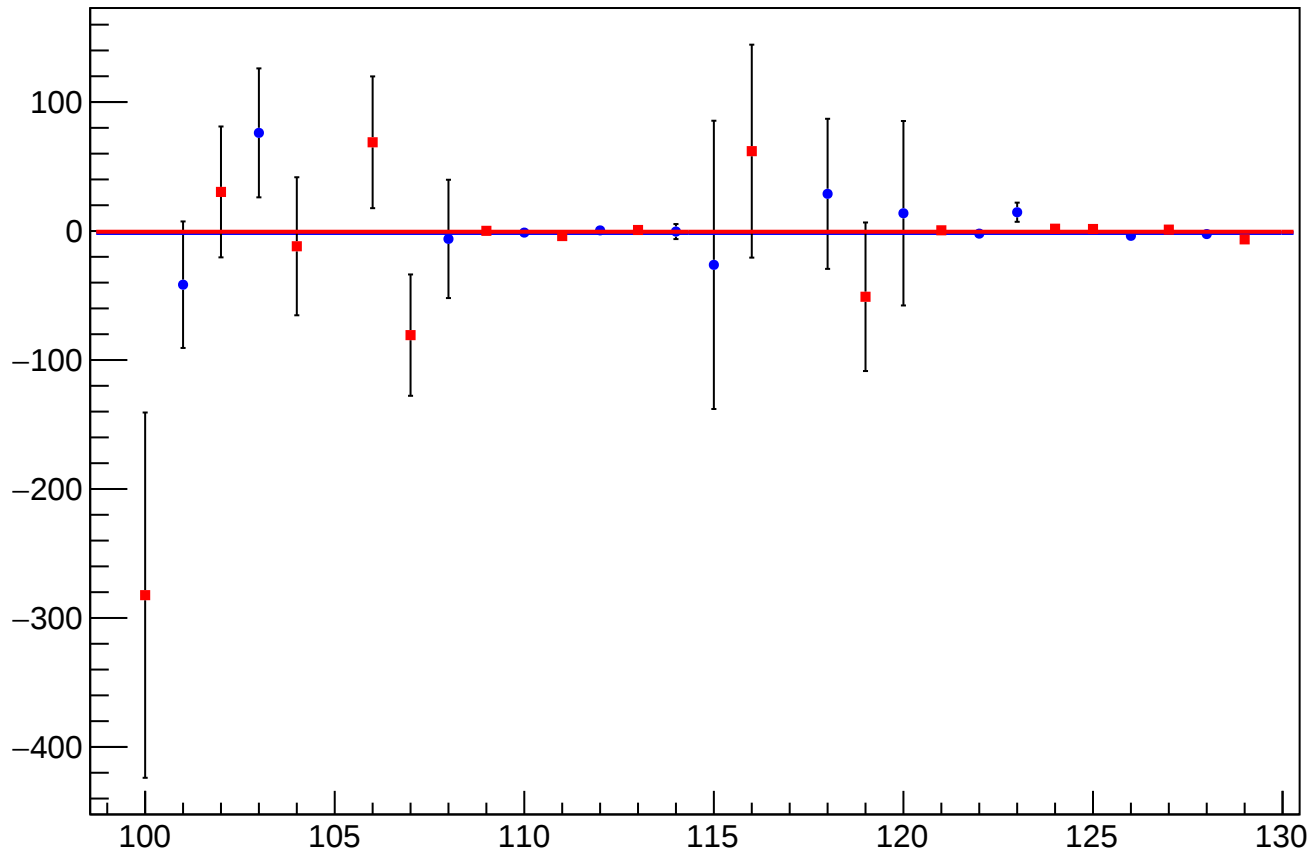
Right: 3445.418+/-0.765 χ^2/NDF : 417905.4/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3445.418+/-0.765 χ^2/NDF : 417905.4/27

diff_bpm1p02bX_mean vs Slug, Sign Corrected



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

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

Right Out: -0.544 ± 0.871 χ^2/NDF : 19.6/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

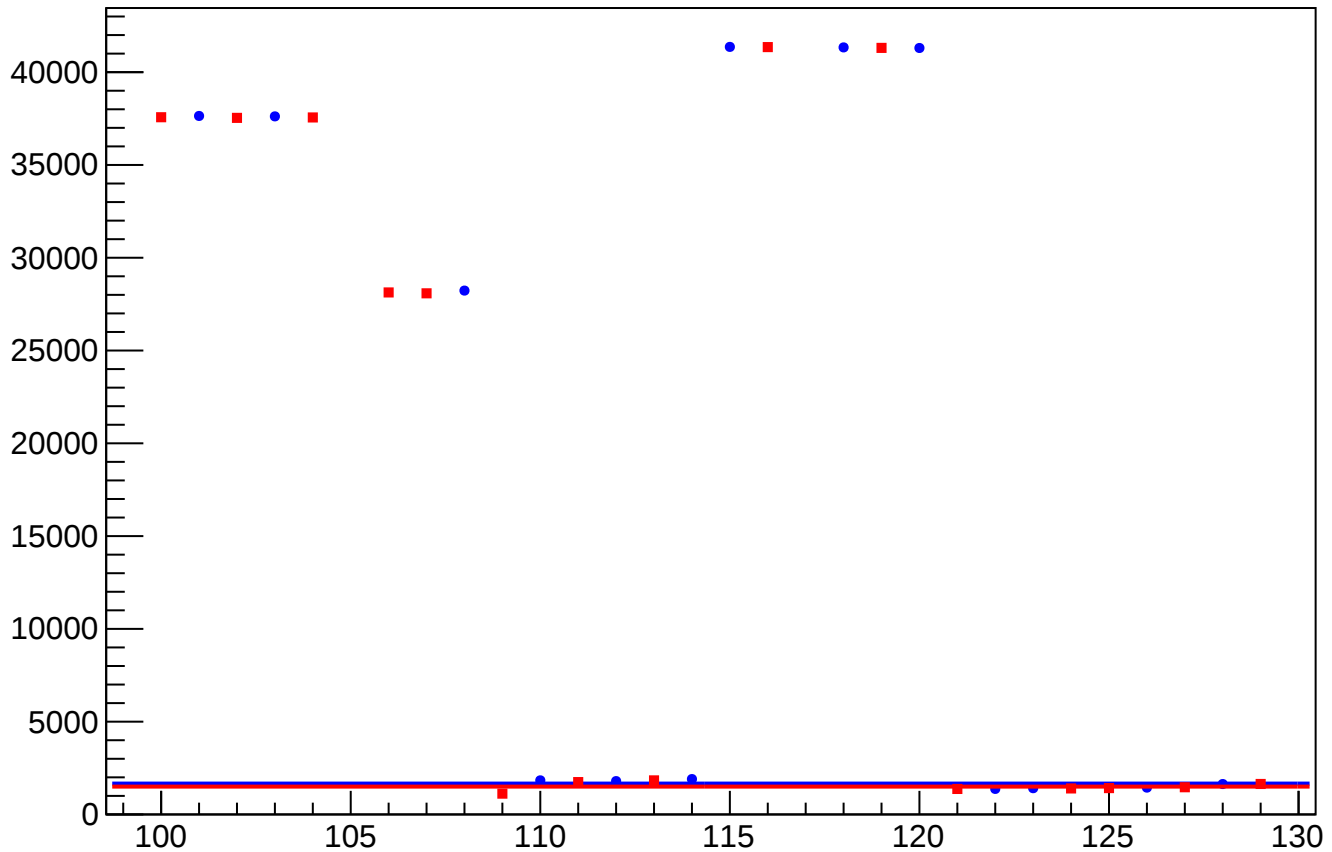
Right: -0.927 ± 0.674 χ^2/NDF : 29.9/27

In: -1.500 ± 1.066 χ^2/NDF : 9.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.927 ± 0.674 χ^2/NDF : 29.9/27

diff_bpm1p02bX_rms vs Slug, Sign Corrected



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

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

Right Out: 1500.675+/-0.616 χ^2/NDF : 4807500.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

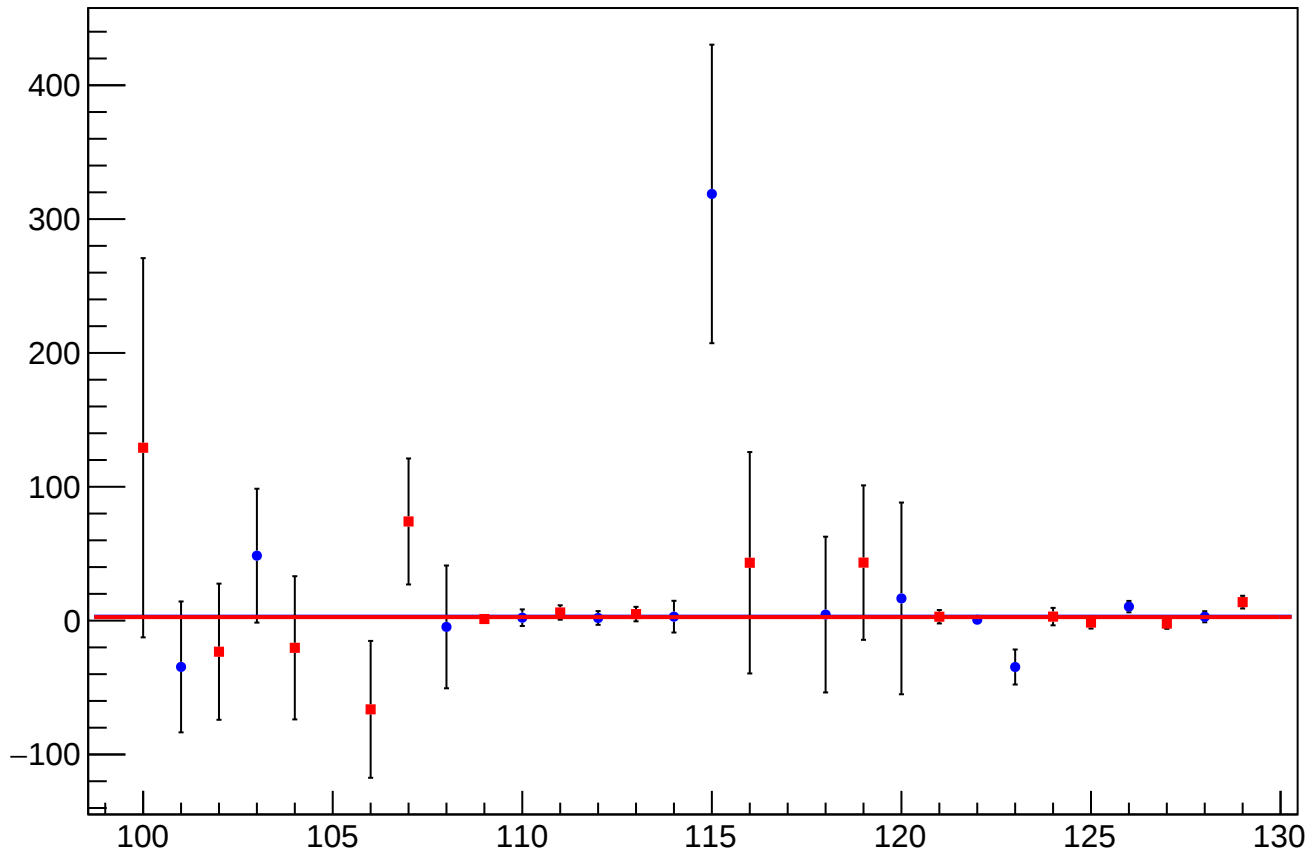
Right: 1565.931+/-0.477 χ^2/NDF : 9483694.7/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1565.931+/-0.477 χ^2/NDF : 9483694.7/27

diff_bpm1p02bY_mean vs Slug, Sign Corrected



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

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

Right Out: 2.628+/-1.519 χ^2/NDF : 14.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

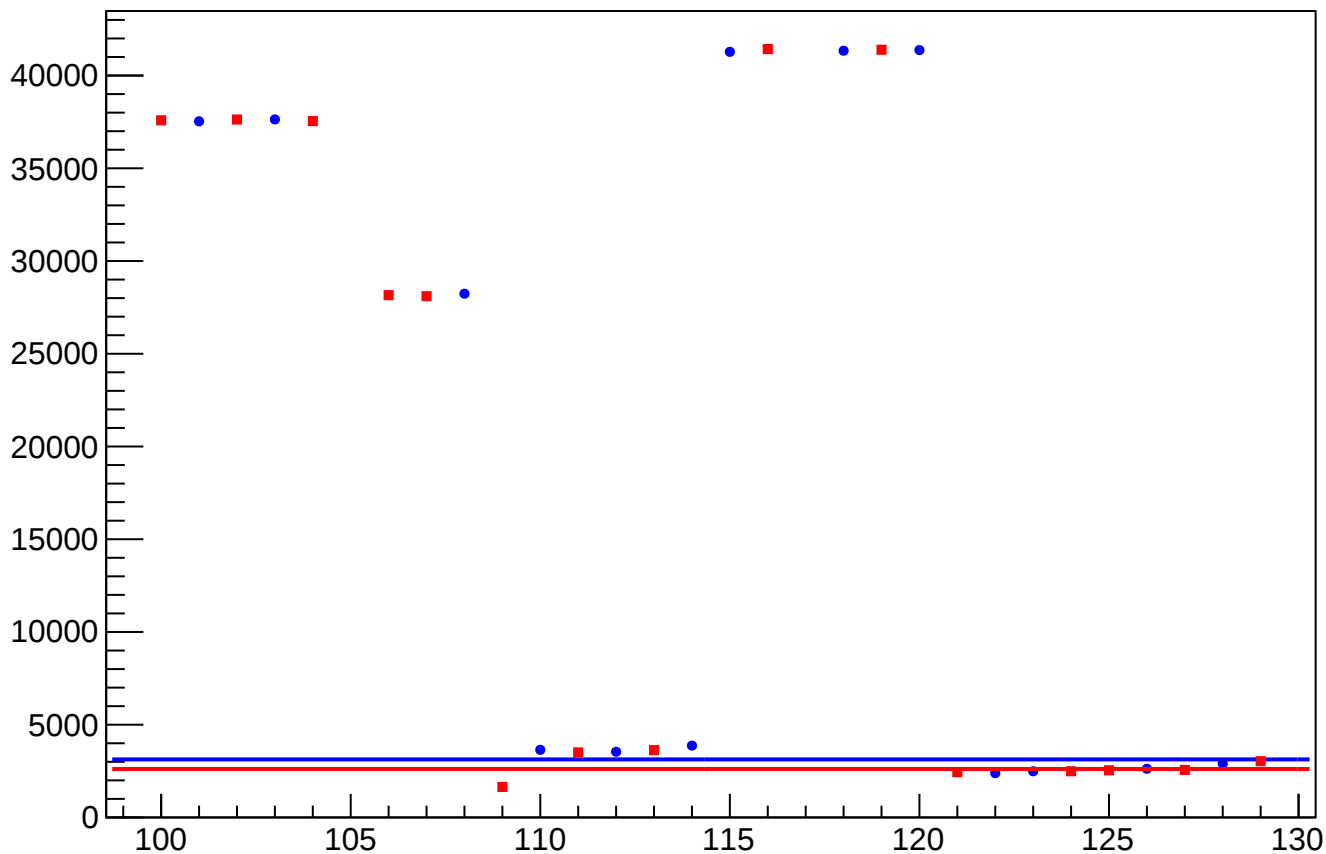
Right: 2.754+/-1.198 χ^2/NDF : 36.3/27

In: 2.961+/-1.951 χ^2/NDF : 21.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.754+/-1.198 χ^2/NDF : 36.3/27

diff_bpm1p02bY_rms vs Slug, Sign Corrected



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

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

Right Out: 2611.725+/-1.074 χ^2/NDF : 4756957.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

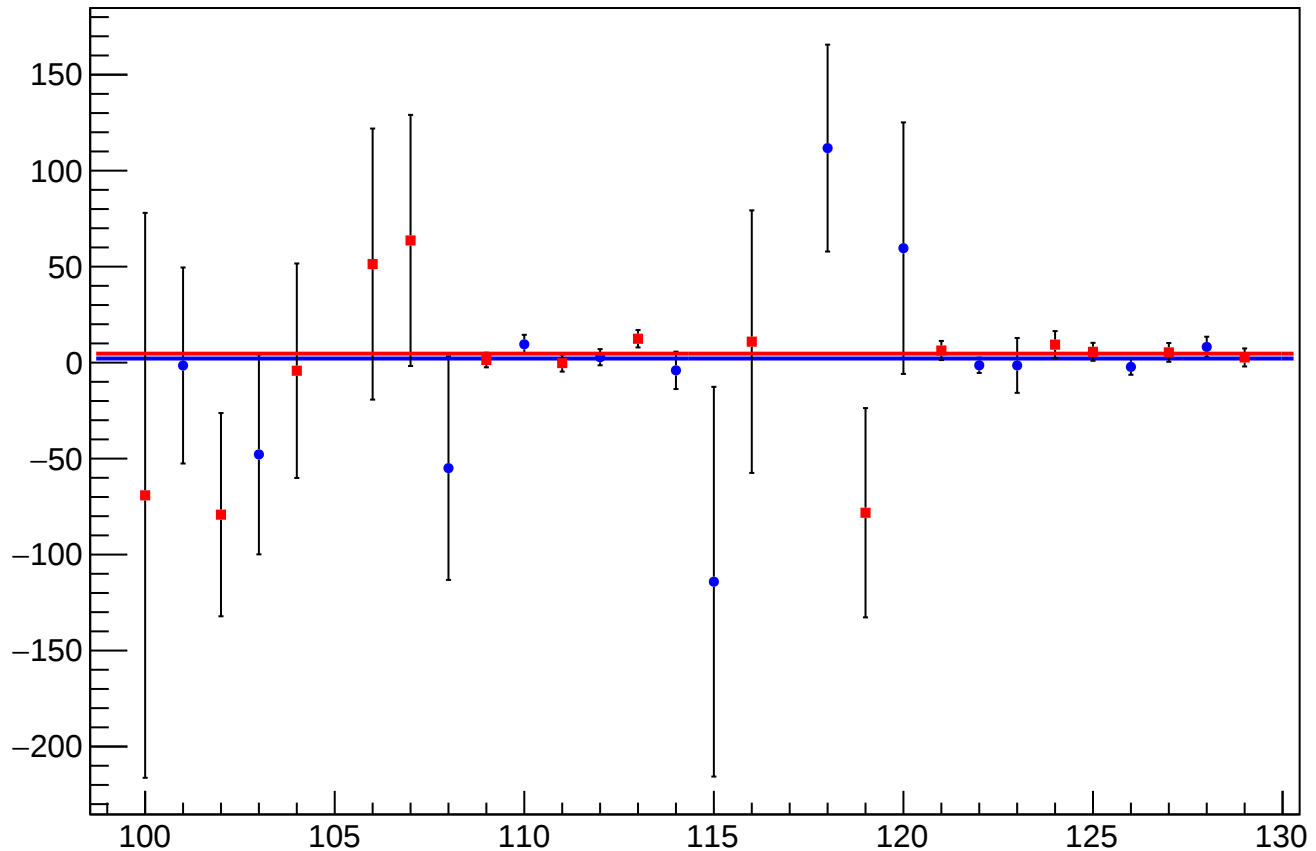
Right: 2807.285+/-0.847 χ^2/NDF : 9202056.7/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2807.285+/-0.847 χ^2/NDF : 9202056.7/27

diff_bpm1p03aX_mean vs Slug, Sign Corrected



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

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

Right Out: 4.671+/-1.660 χ^2/NDF : 12.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

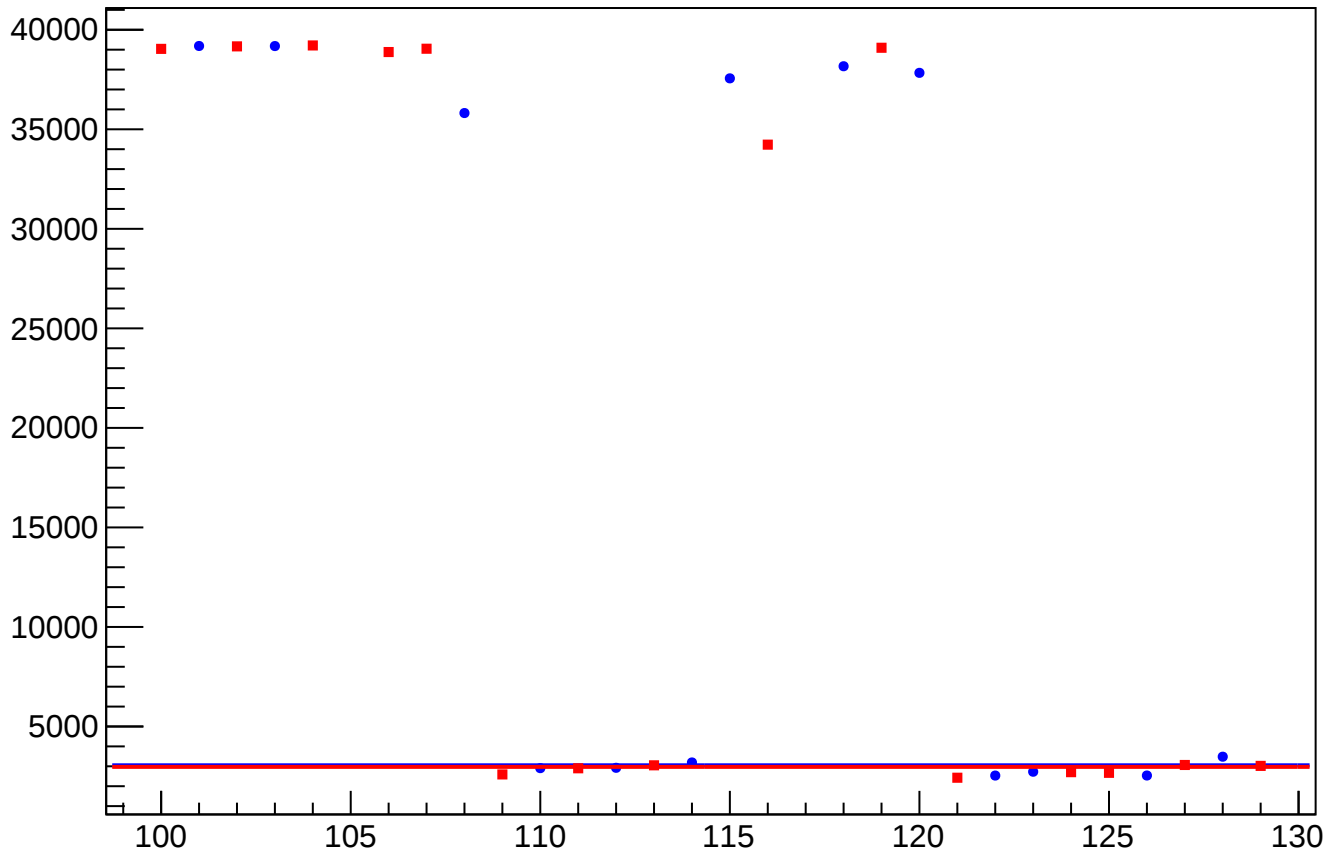
Right: 3.582+/-1.255 χ^2/NDF : 27.1/27

In: 2.130+/-1.917 χ^2/NDF : 14.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.582+/-1.255 χ^2/NDF : 27.1/27

diff_bpm1p03aX_rms vs Slug, Sign Corrected



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

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

Right Out: 2971.741+/-1.174 χ^2/NDF : 4375162.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

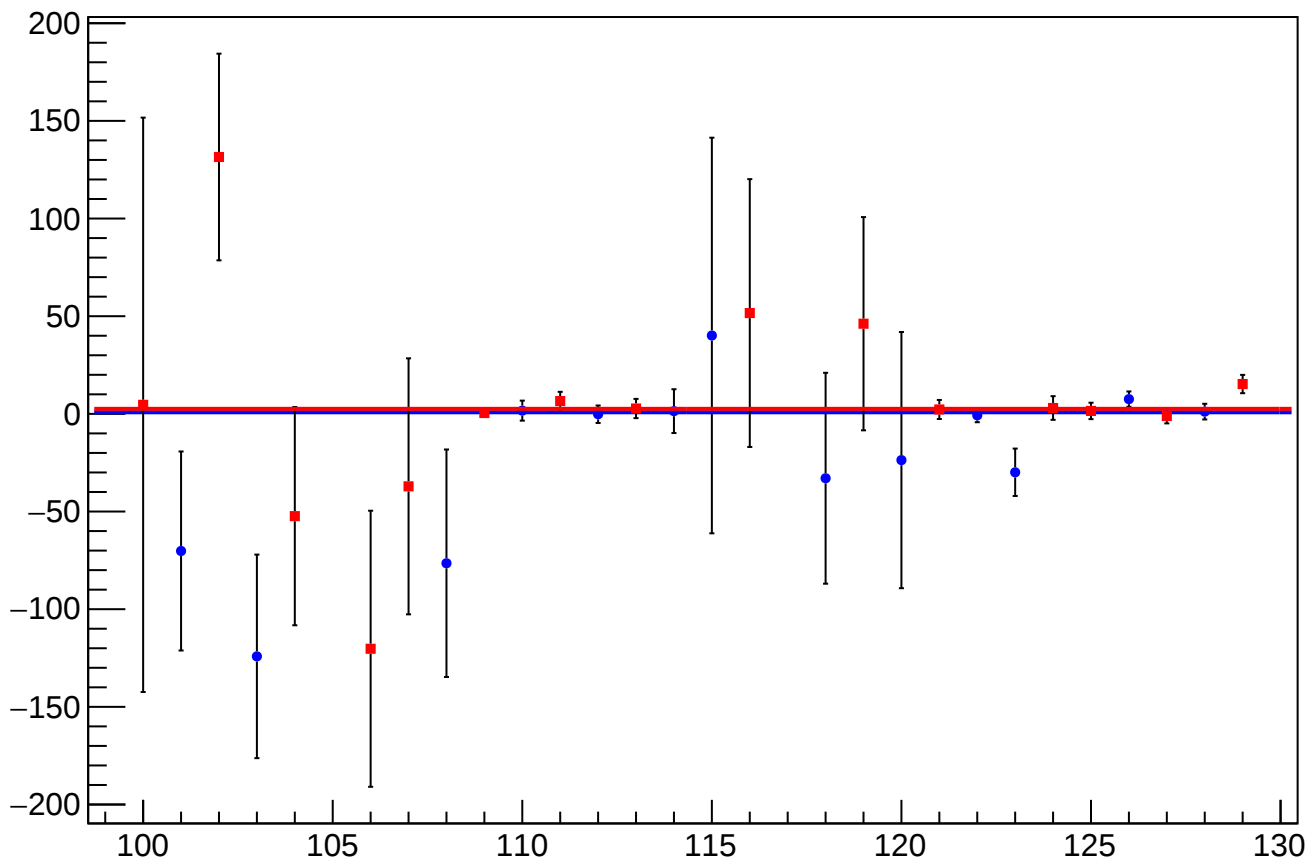
Right: 3005.285+/-0.887 χ^2/NDF : 8701968.3/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3005.285+/-0.887 χ^2/NDF : 8701968.3/27

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: 0.812 $\pm$ 1.792 χ^2 /NDF: 19.8/12

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

Right Out: 2.582 $\pm$ 1.358 χ^2 /NDF: 21.5/14

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

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

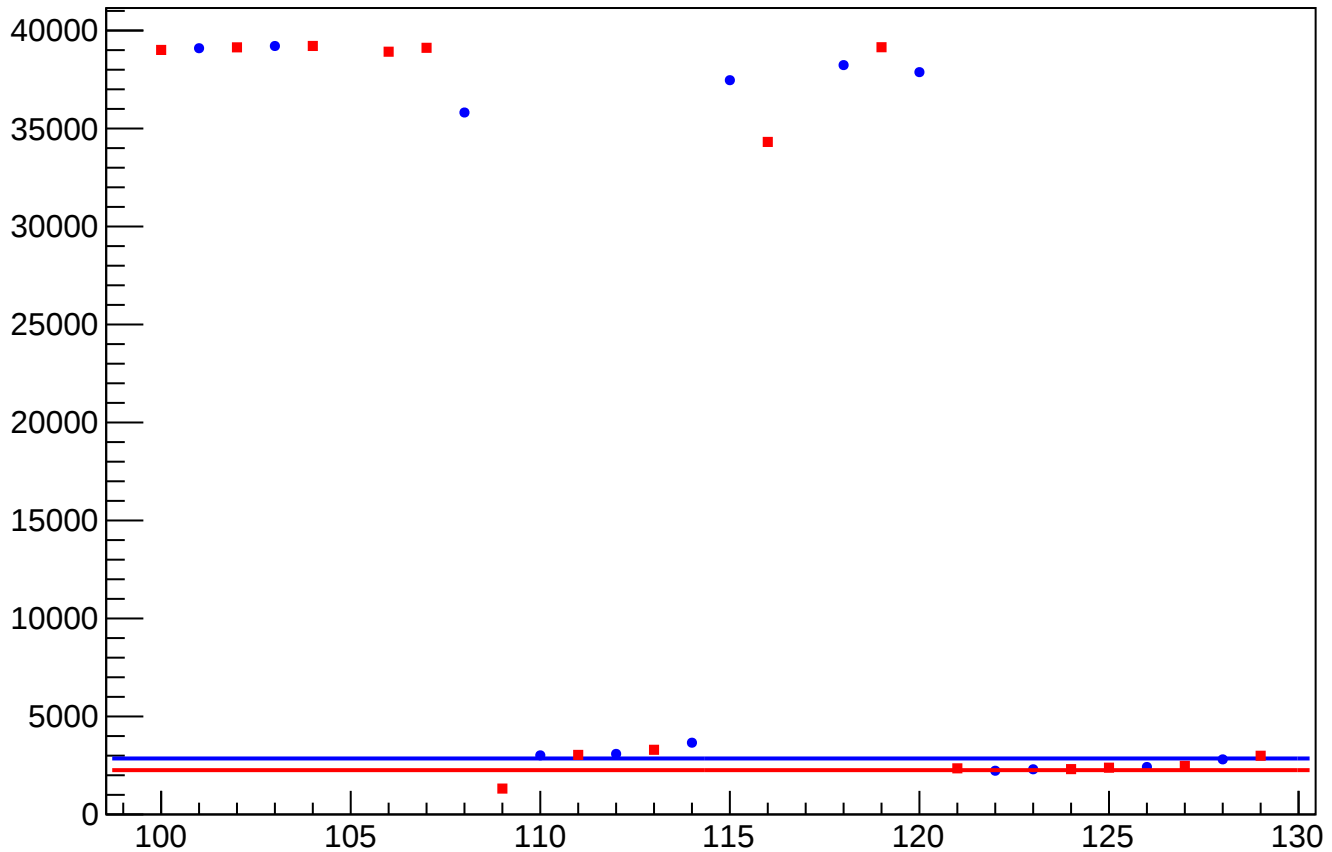
Right: 1.936 $\pm$ 1.082 χ^2 /NDF: 41.8/27

In: 0.812 $\pm$ 1.792 χ^2 /NDF:19.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.936 $\pm$ 1.082 χ^2 /NDF: 41.8/27

diff_bpm1p03aY_rms vs Slug, Sign Corrected



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

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

Right Out: 2260.835+/-0.960 χ^2/NDF : 5071529.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

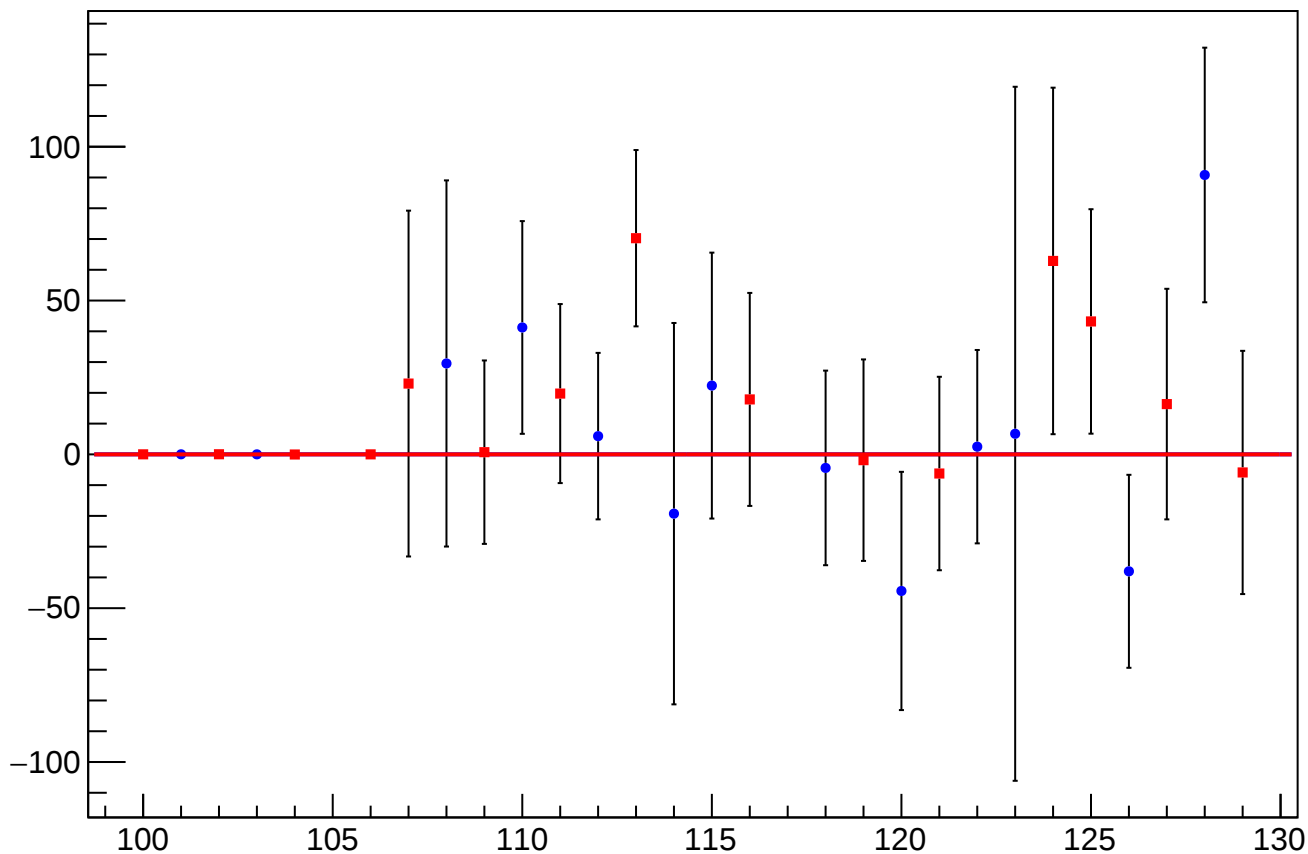
Right: 2478.108+/-0.765 χ^2/NDF : 9610453.7/27

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2478.108+/-0.765 χ^2/NDF : 9610453.7/27

diff_cav4bX_mean vs Slug, Sign Corrected



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

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

Right Out: -0.003+/-0.016 χ^2/NDF : 14.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

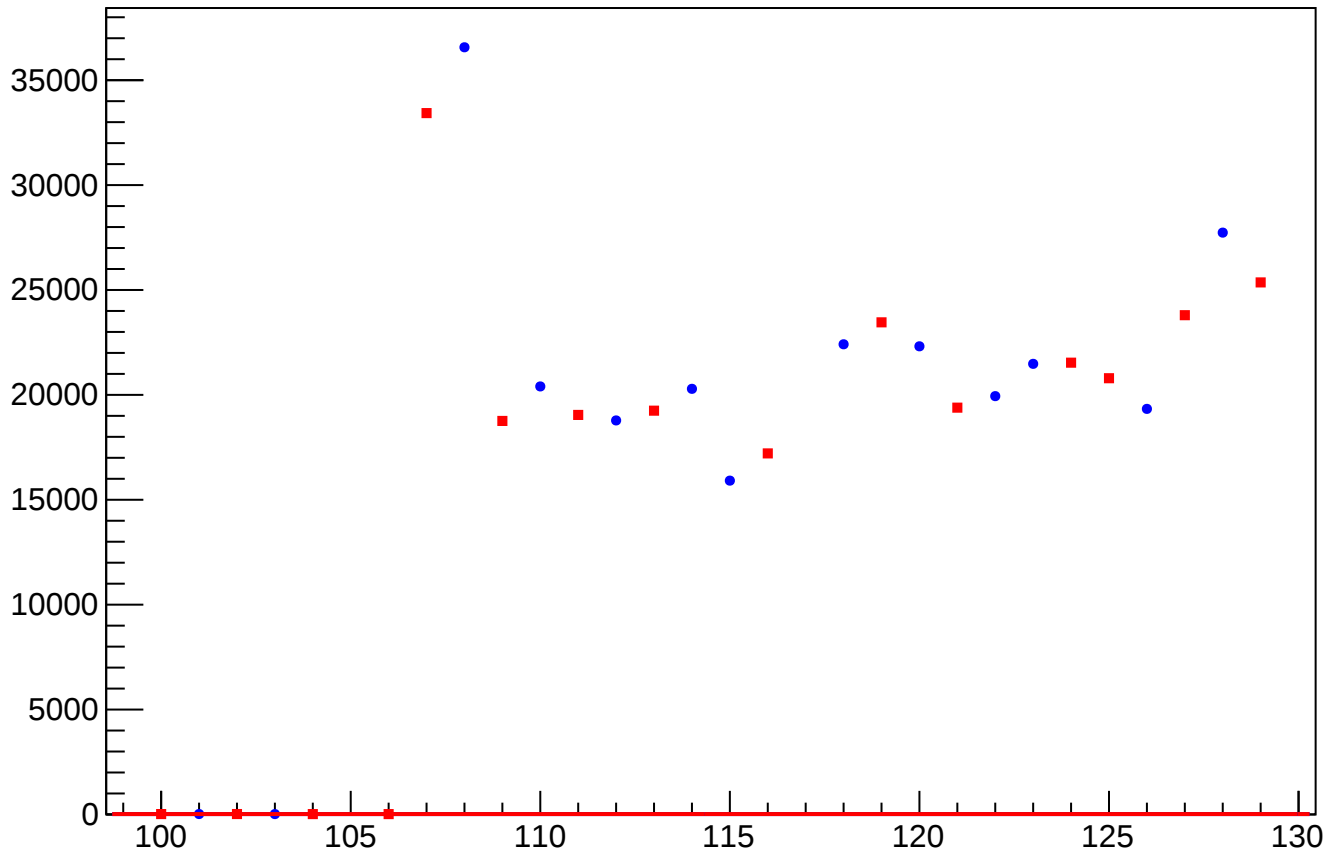
Right: 0.004+/-0.012 χ^2/NDF : 25.0/27

In: 0.013+/-0.017 χ^2/NDF : 9.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.012 χ^2/NDF : 25.0/27

diff_cav4bX_rms vs Slug, Sign Corrected



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

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

Right Out: 18.291+/-0.011 χ^2/NDF : 8109780.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

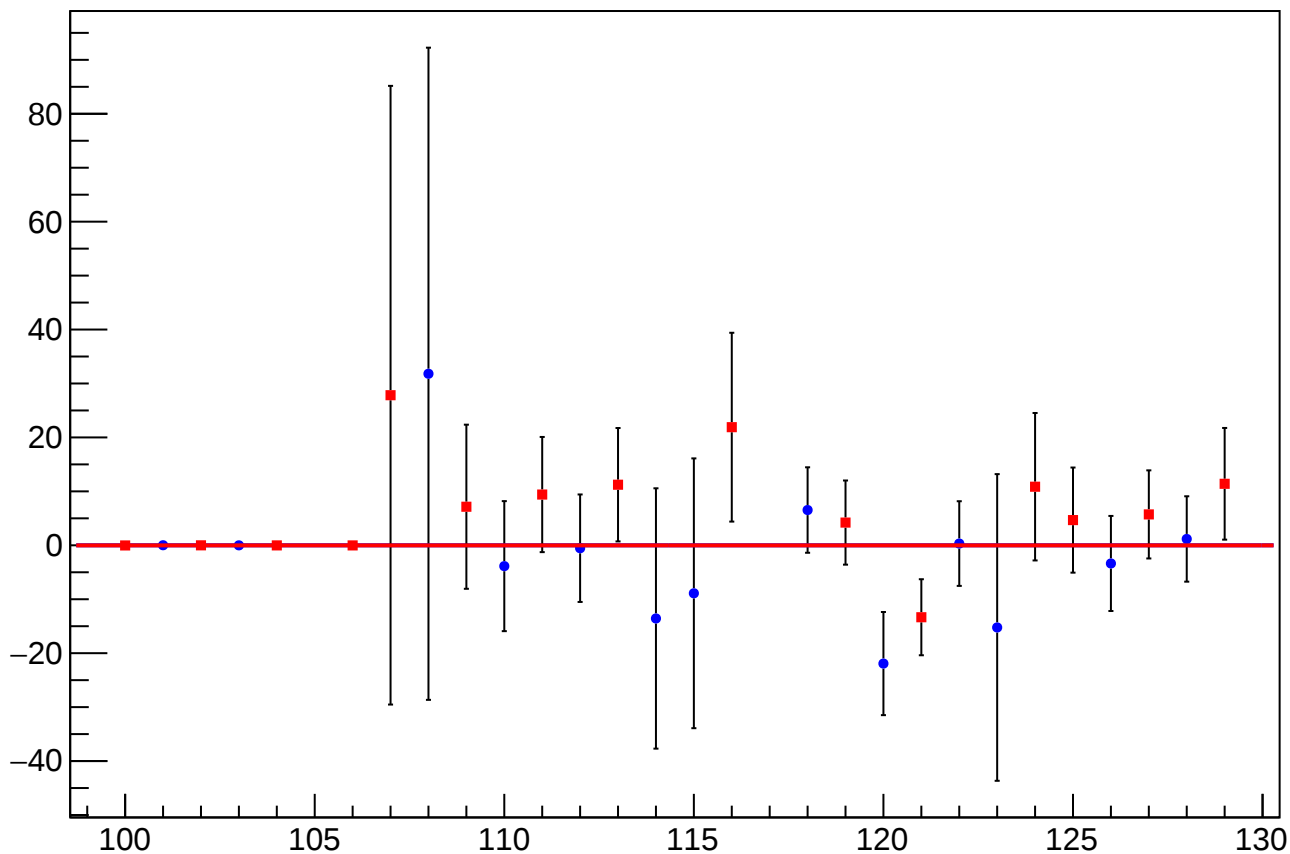
Right: 18.438+/-0.008 χ^2/NDF : 15214789.2/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.438+/-0.008 χ^2/NDF : 15214789.2/27

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.009 χ^2 /NDF: 8.3/12

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

Right Out: -0.014 $\pm$ 0.009 χ^2 /NDF: 11.1/14

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

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

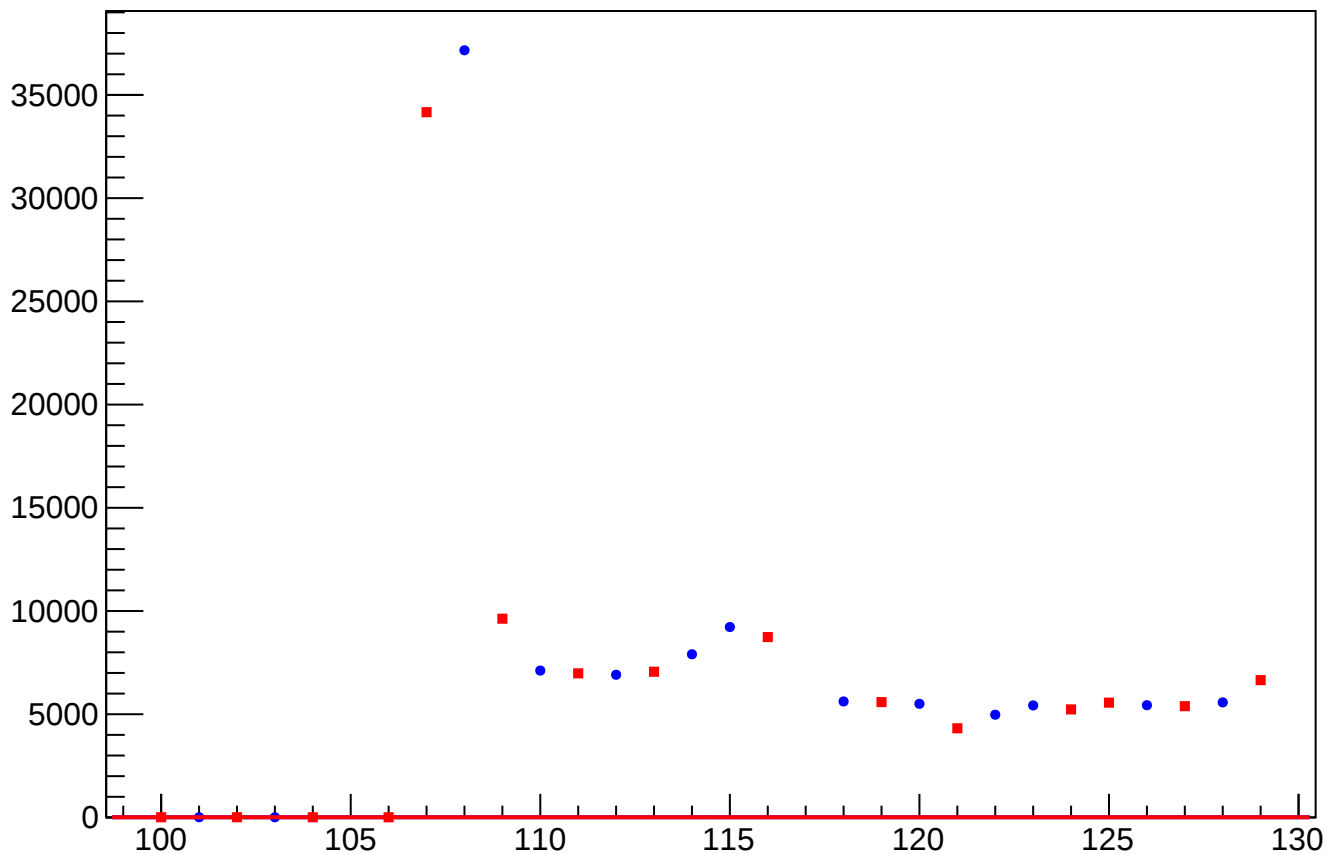
Right: -0.007 $\pm$ 0.006 χ^2 /NDF: 20.8/27

In: 0.001 $\pm$ 0.009 χ^2 /NDF:8.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.006 χ^2 /NDF: 20.8/27

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 9.902+/-0.007 χ^2/NDF : 7191068.5/12

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

Right Out: 9.826+/-0.006 χ^2/NDF : 8176002.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

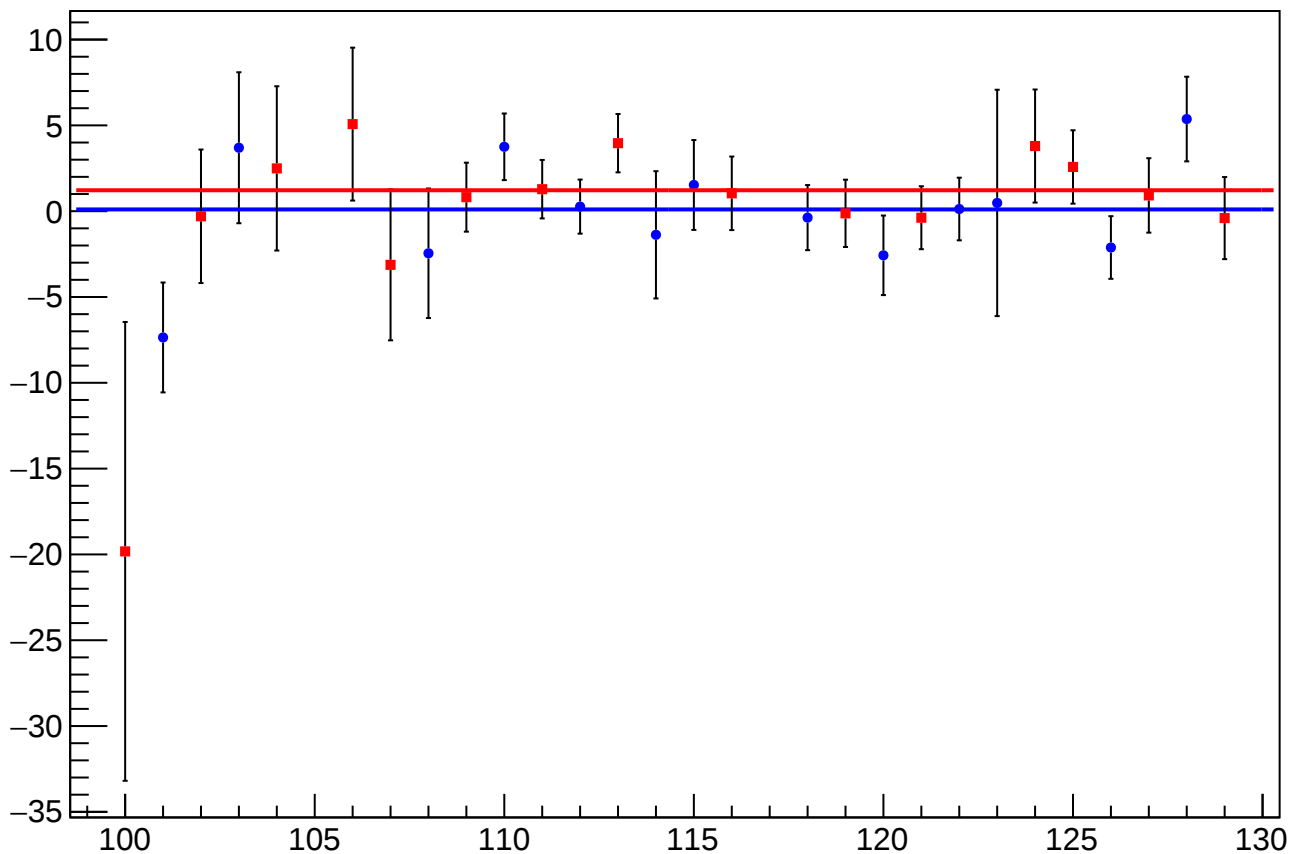
Right: 9.862+/-0.004 χ^2/NDF : 15367141.9/27

In: 9.902+/-0.007 χ^2/NDF : 7191068.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.862+/-0.004 χ^2/NDF : 15367141.9/27

diff_cav4cX_mean vs Slug, Sign Corrected



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

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

Right Out: 1.220 $\pm$ 0.617 χ^2 /NDF: 9.8/14

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

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

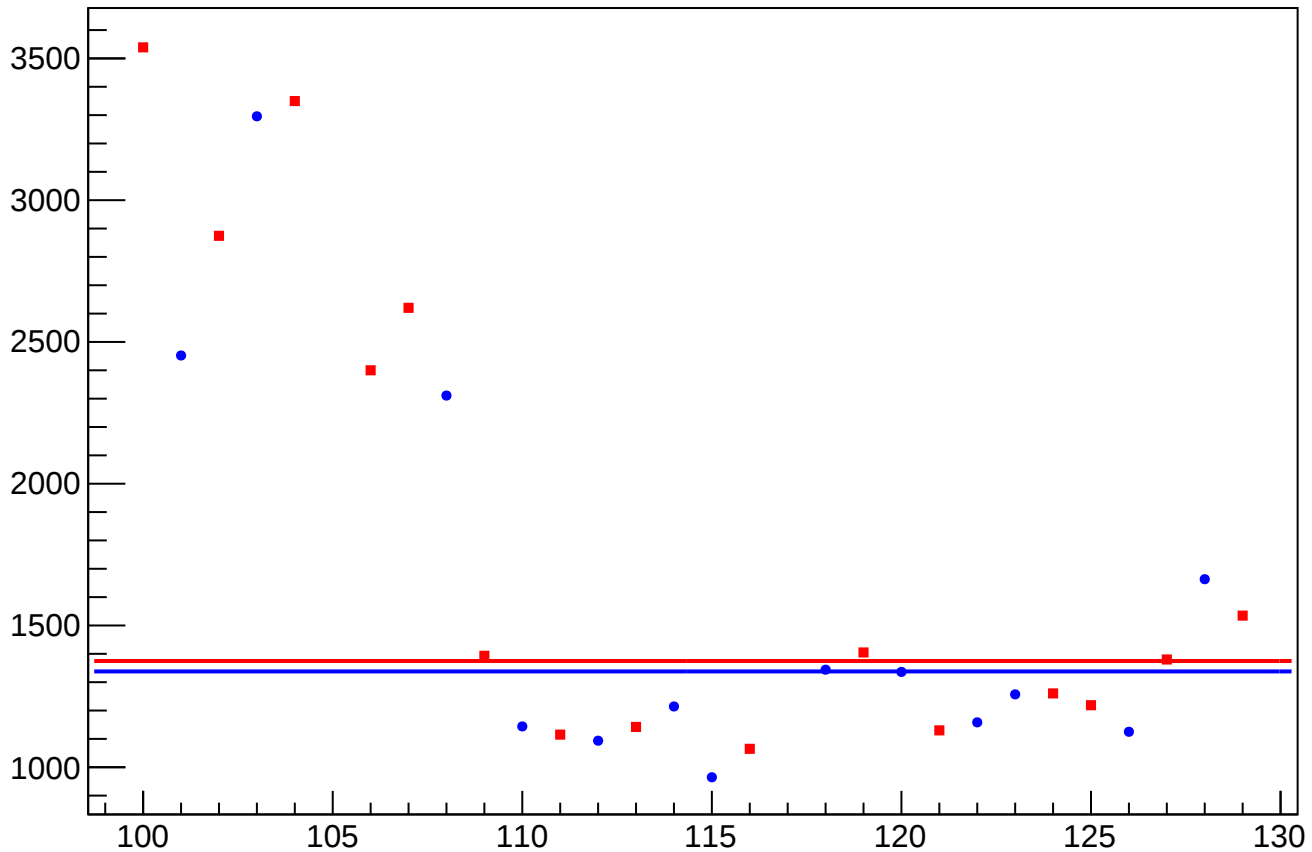
Right: 0.691 $\pm$ 0.448 χ^2 /NDF: 29.3/27

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.691 $\pm$ 0.448 χ^2 /NDF: 29.3/27

diff_cav4cX_rms vs Slug, Sign Corrected



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

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

Right Out: 1374.738+/-0.436 χ^2/NDF : 1140548.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

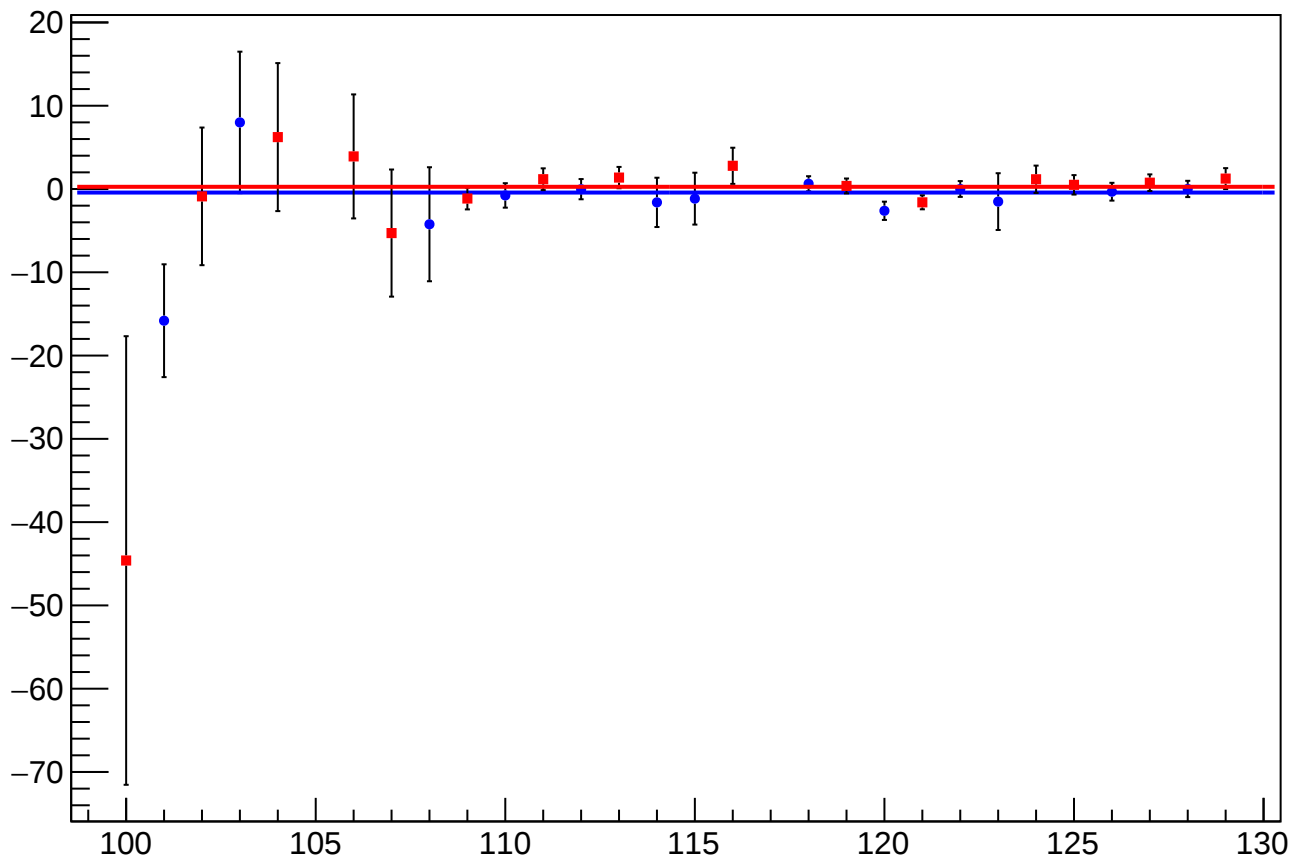
Right: 1357.325+/-0.317 χ^2/NDF : 2108147.7/27

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1357.325+/-0.317 χ^2/NDF : 2108147.7/27

diff_cav4cY_mean vs Slug, Sign Corrected



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

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

Right Out: 0.265 ± 0.366 χ^2/NDF : 13.9/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

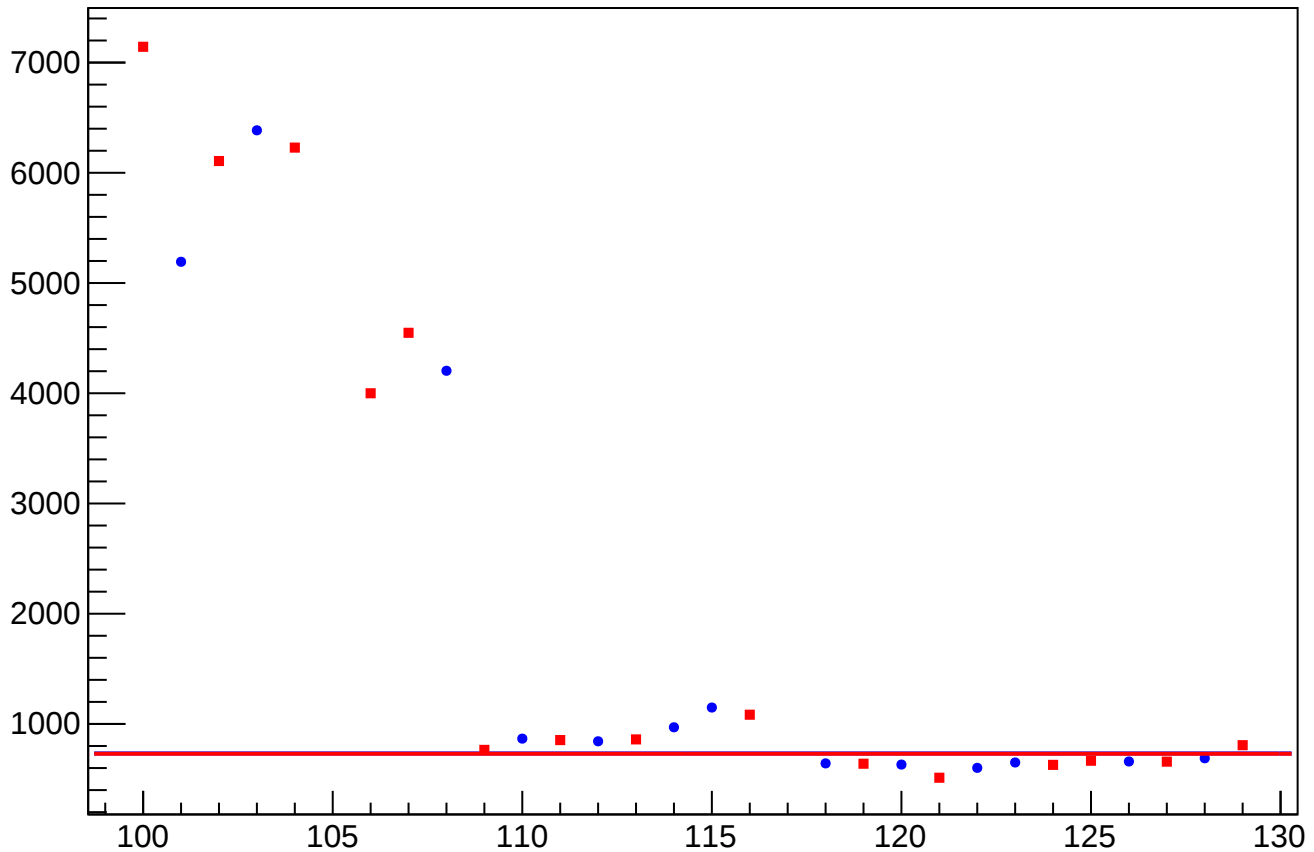
Right: -0.059 ± 0.267 χ^2/NDF : 28.3/27

In: -0.426 ± 0.390 χ^2/NDF : 12.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.059 ± 0.267 χ^2/NDF : 28.3/27

diff_cav4cY_rms vs Slug, Sign Corrected



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

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

Right Out: 729.650+/-0.259 χ^2/NDF : 2892522.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

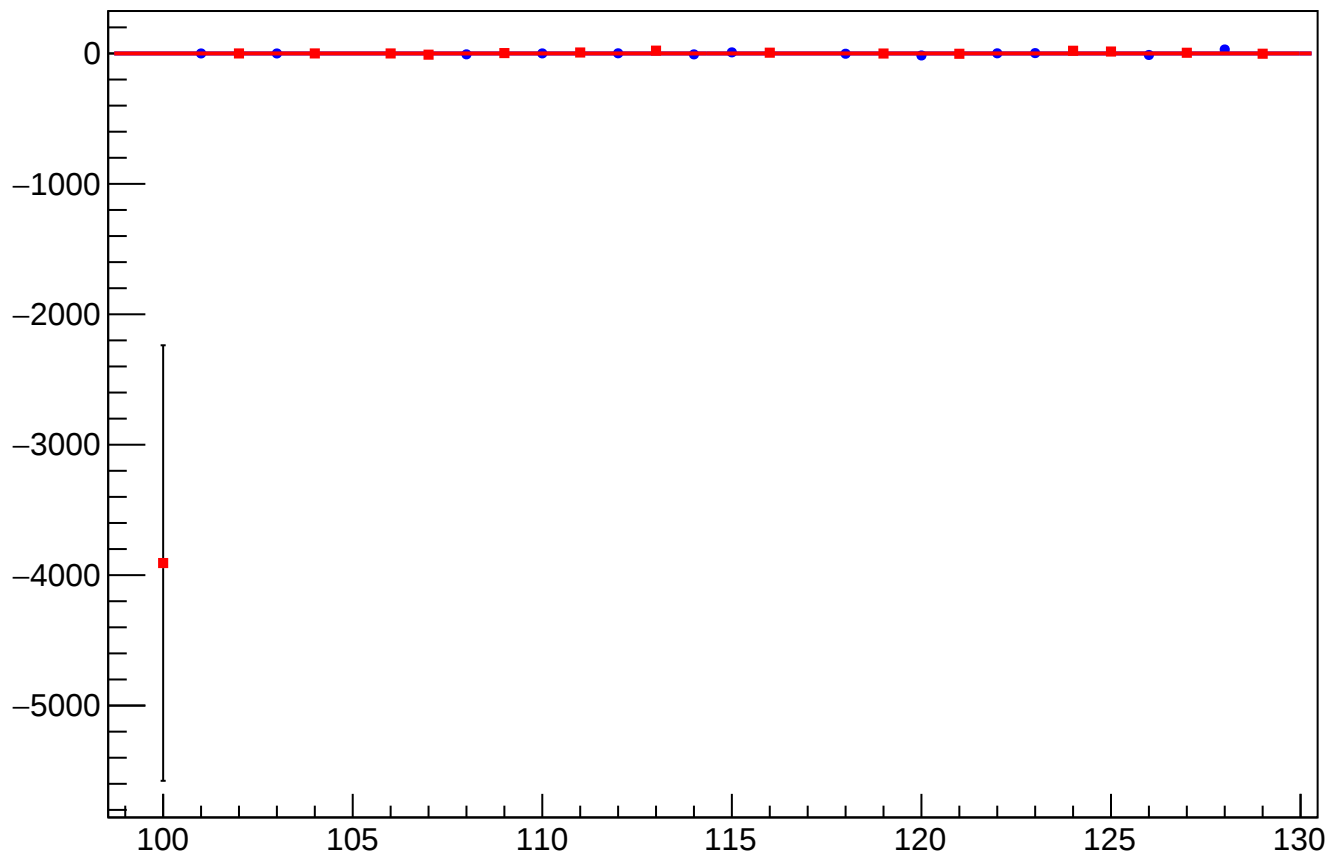
Right: 731.074+/-0.189 χ^2/NDF : 5330741.1/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 731.074+/-0.189 χ^2/NDF : 5330741.1/27

diff_cav4dX_mean vs Slug, Sign Corrected



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

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

Right Out: 0.027+/-0.020 χ^2/NDF : 16.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

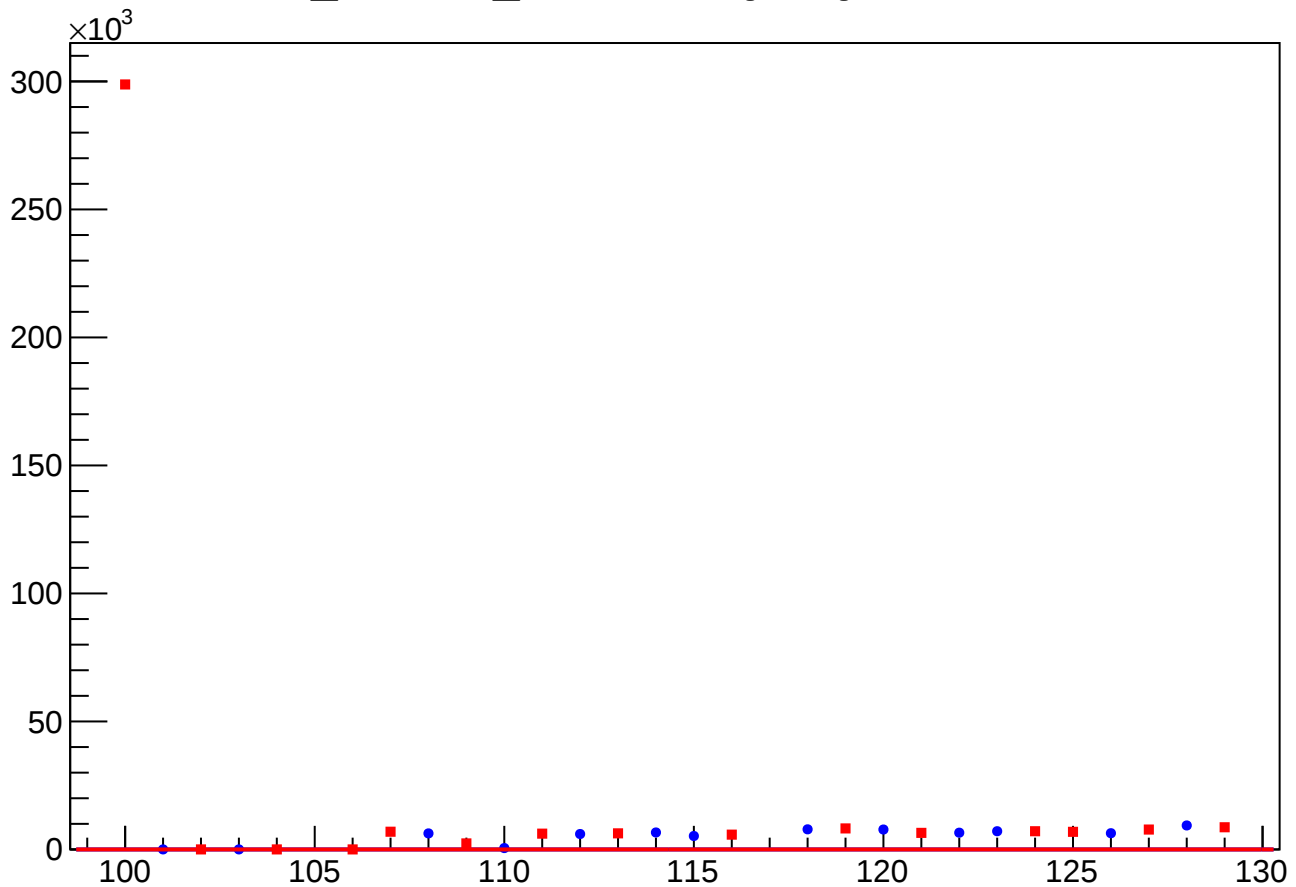
Right: 0.004+/-0.014 χ^2/NDF : 28.1/27

In: -0.021+/-0.021 χ^2/NDF : 8.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.014 χ^2/NDF : 28.1/27

diff_cav4dX_rms vs Slug, Sign Corrected



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

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

Right Out: 17.176 $\pm$ 0.014 χ^2 /NDF: 7831412.3/14

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

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

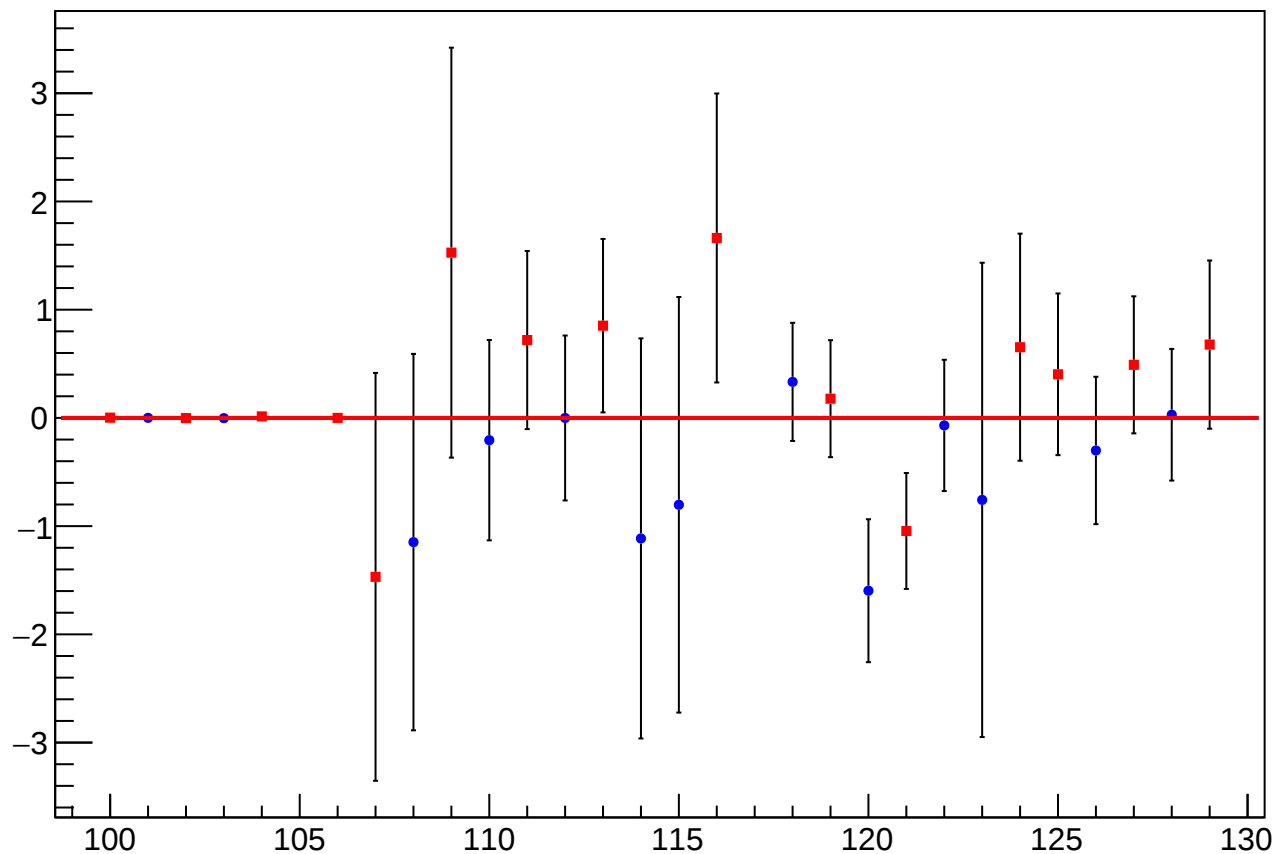
Right: 17.188 $\pm$ 0.010 χ^2 /NDF: 14466975.4/27

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 17.188 $\pm$ 0.010 χ^2 /NDF: 14466975.4/27

diff_cav4dY_mean vs Slug, Sign Corrected



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

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

Right Out: -0.001+/-0.002 χ^2/NDF : 11.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

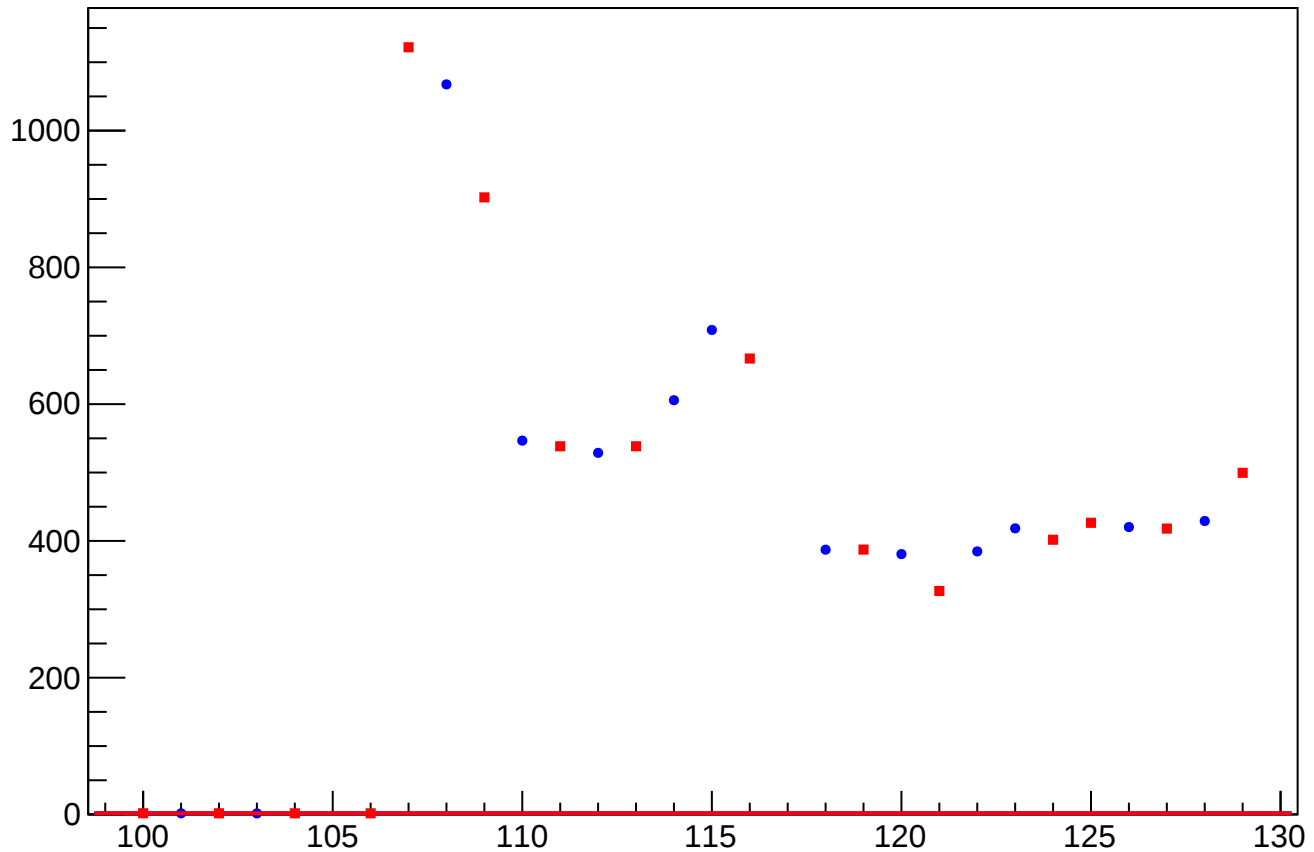
Right: -0.000+/-0.001 χ^2/NDF : 19.5/27

In: 0.000+/-0.002 χ^2/NDF : 7.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.001 χ^2/NDF : 19.5/27

diff_cav4dY_rms vs Slug, Sign Corrected



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

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

Right Out: 1.710+/-0.001 χ^2/NDF : 7779678.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

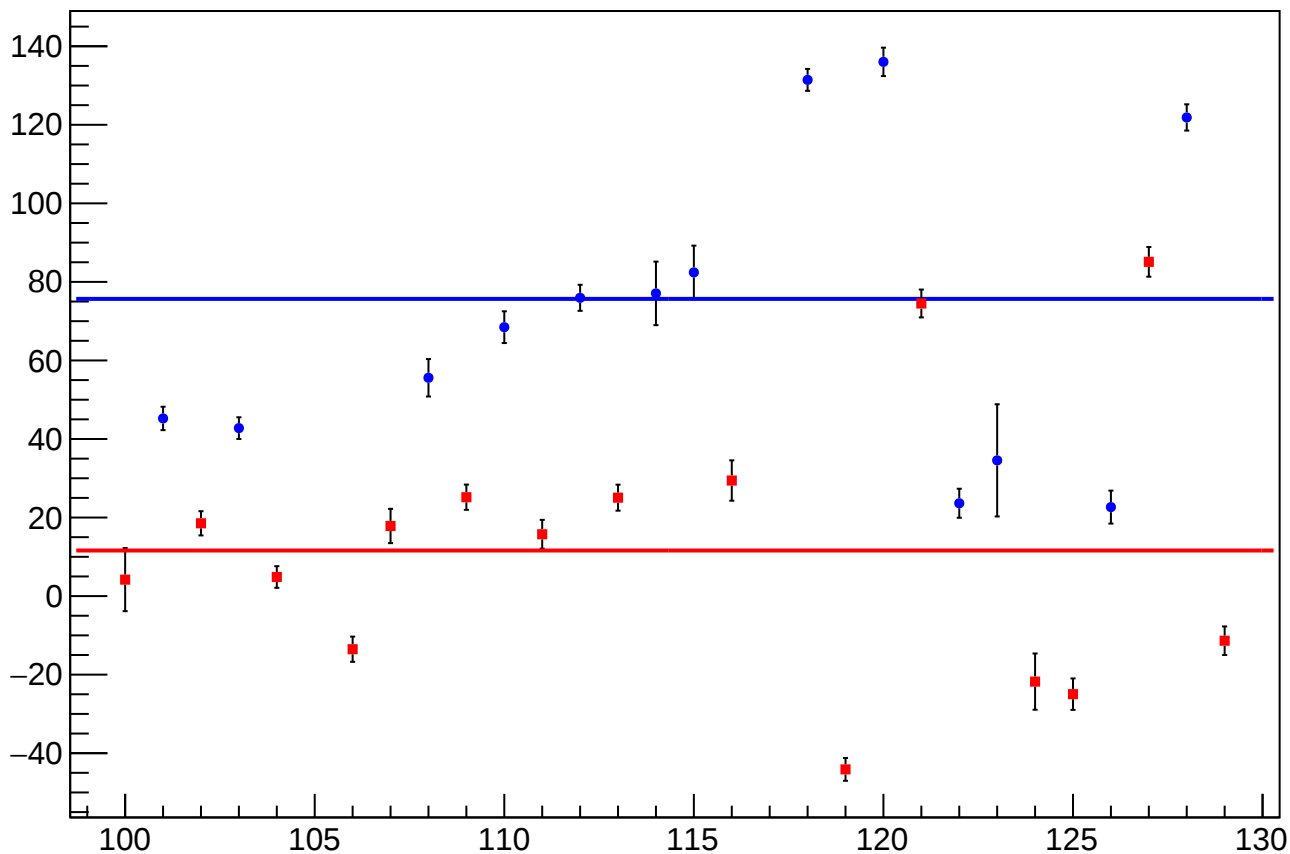
Right: 1.694+/-0.001 χ^2/NDF : 14937643.3/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.694+/-0.001 χ^2/NDF : 14937643.3/27

diff_bpm0i01X_mean vs Slug, Sign Corrected



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

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

Right Out: 11.607+/-0.942 χ^2/NDF : 1327.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

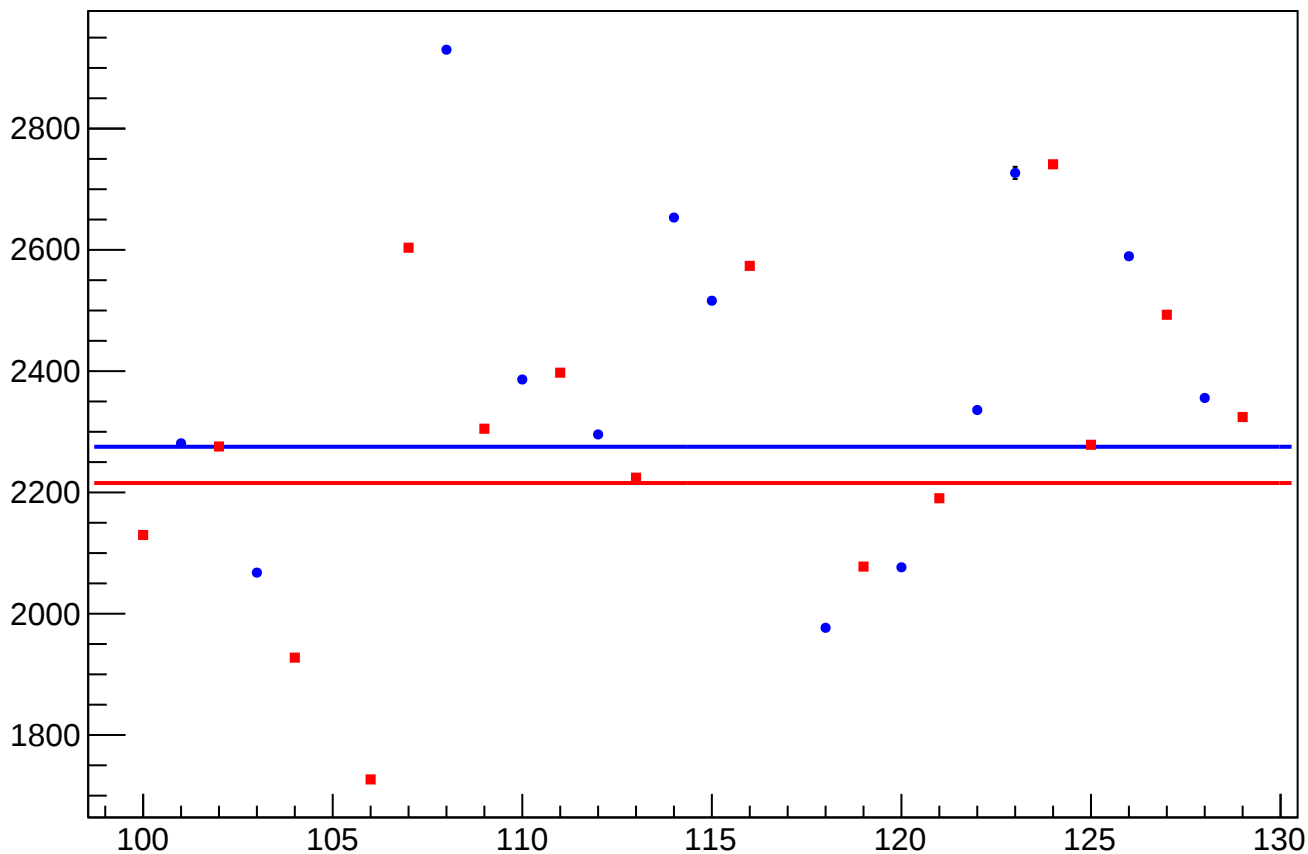
Right: 40.157+/-0.701 χ^2/NDF : 4893.6/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.157+/-0.701 χ^2/NDF : 4893.6/27

diff_bpm0i01X_rms vs Slug, Sign Corrected



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

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

Right Out: 2215.522+/-0.666 χ^2/NDF : 129599.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

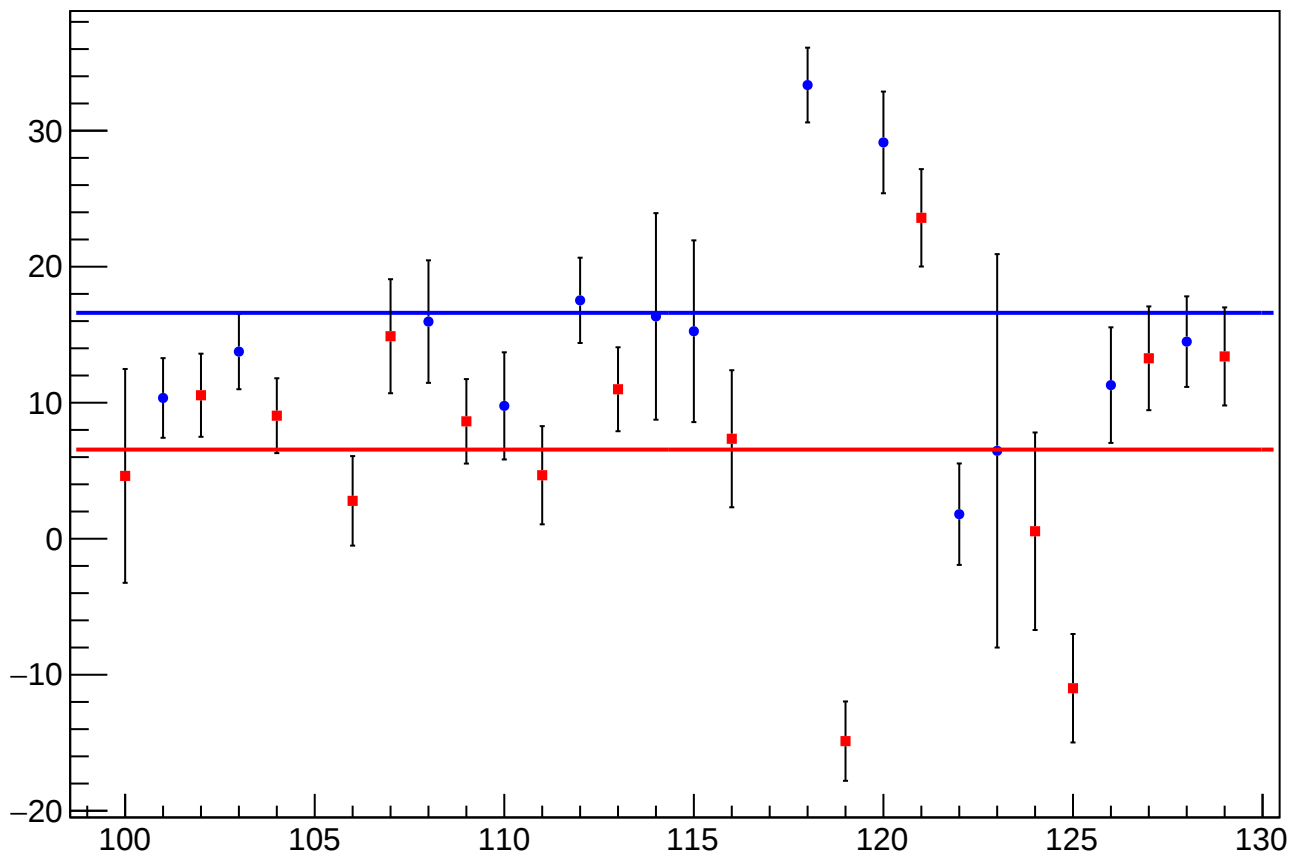
Right: 2242.170+/-0.496 χ^2/NDF : 234551.5/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2242.170+/-0.496 χ^2/NDF : 234551.5/27

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 16.608 $\pm$ 1.038 χ^2 /NDF: 75.4/12

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

Right Out: 6.554 $\pm$ 0.931 χ^2 /NDF: 114.1/14

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

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

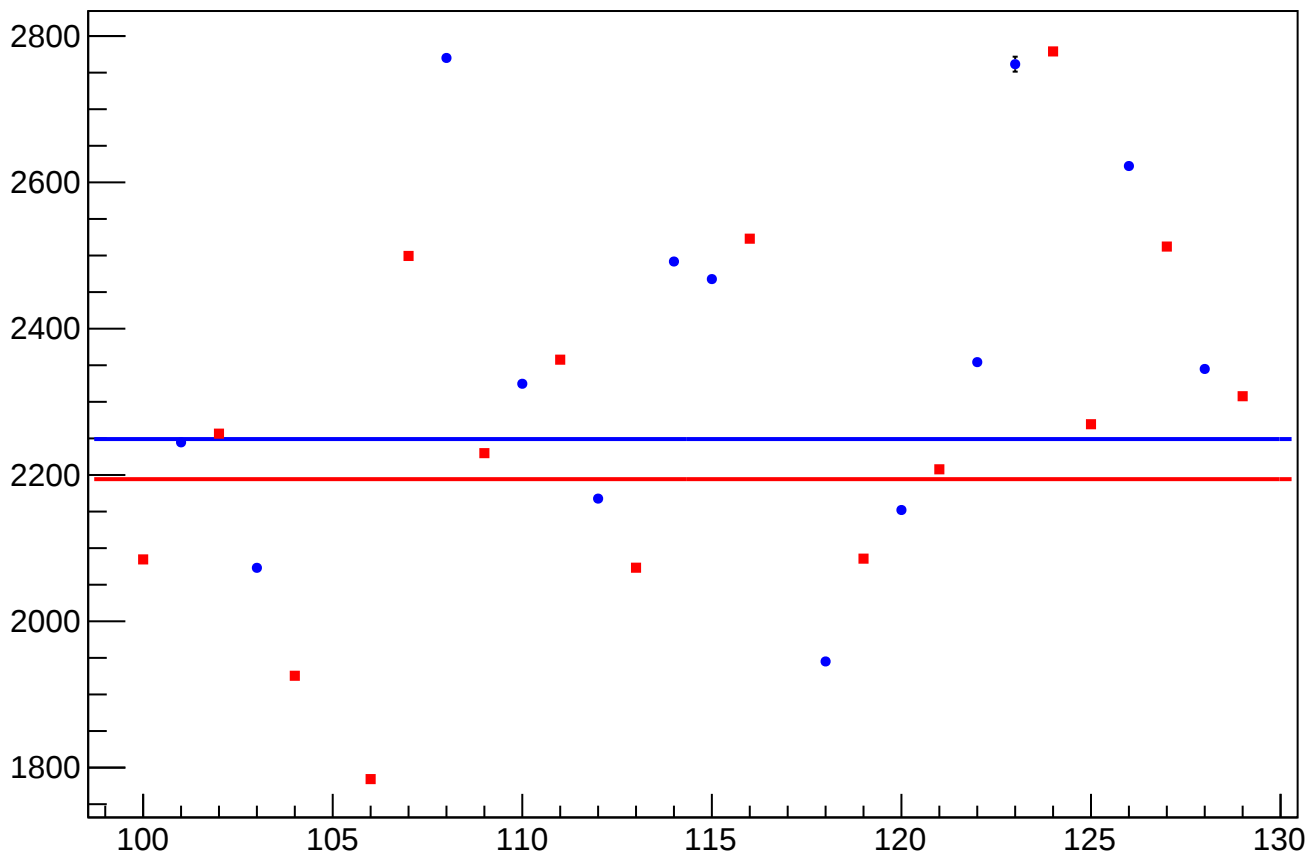
Right: 11.041 $\pm$ 0.693 χ^2 /NDF: 241.5/27

In: 16.608 $\pm$ 1.038 χ^2 /NDF: 75.4/12

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

All: 11.041 $\pm$ 0.693 χ^2 /NDF: 241.5/27

diff_bpm0i01Y_rms vs Slug, Sign Corrected



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

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

Right Out: 2194.312+/-0.659 χ^2/NDF : 110226.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

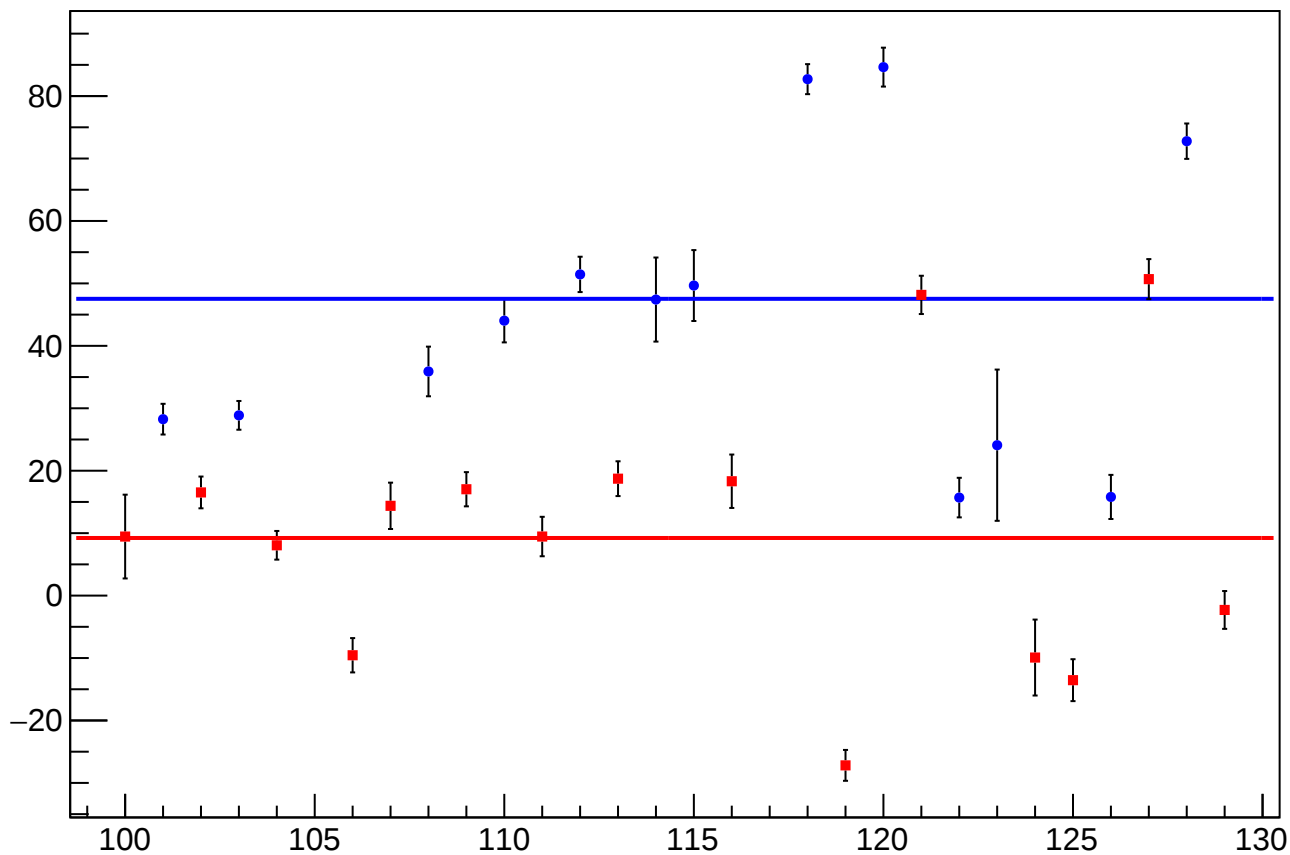
Right: 2218.766+/-0.490 χ^2/NDF : 201453.8/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2218.766+/-0.490 χ^2/NDF : 201453.8/27

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 47.530 $\pm$ 0.889 χ^2/NDF : 759.5/12

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

Right Out: 9.227 $\pm$ 0.795 χ^2/NDF : 697.5/14

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

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

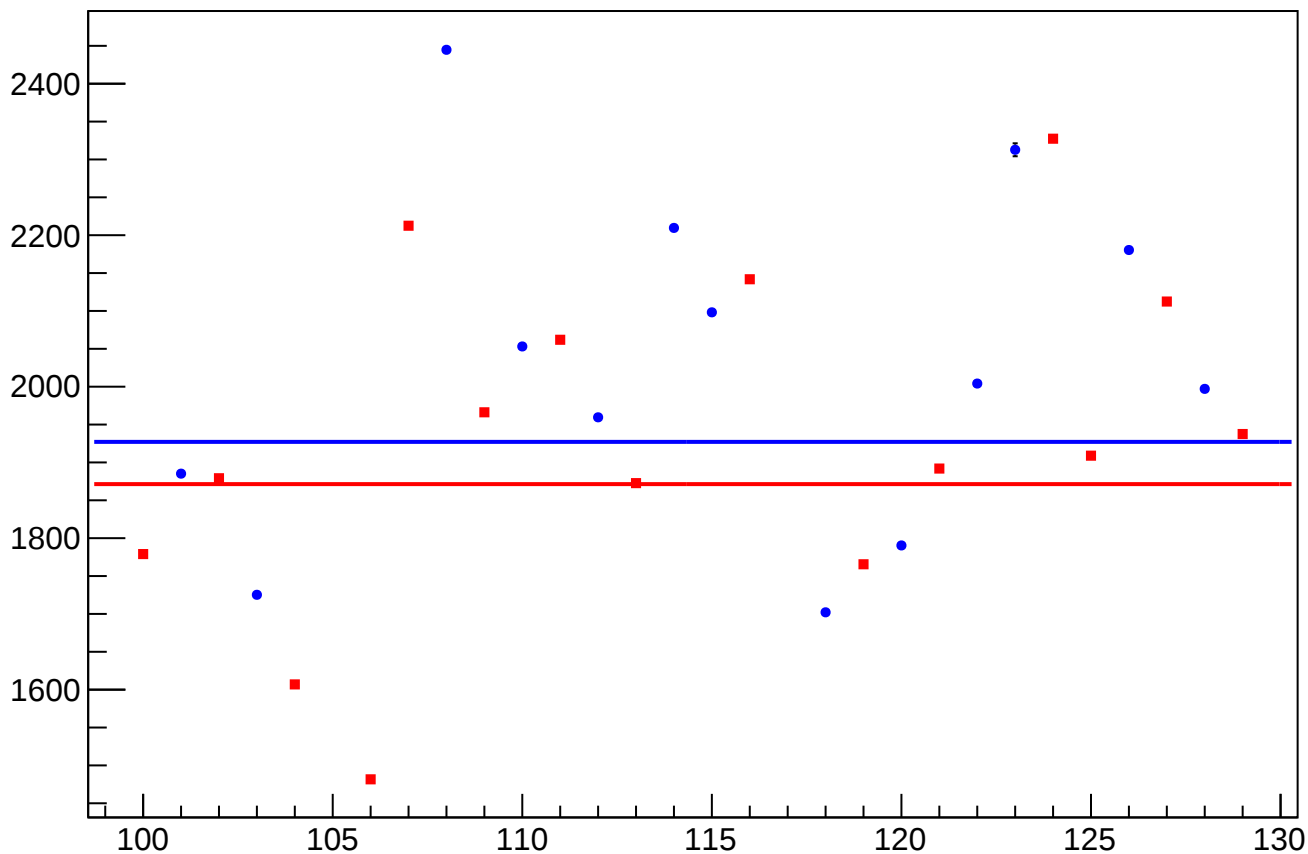
Right: 26.254 $\pm$ 0.593 χ^2/NDF : 2487.8/27

In: 47.530 $\pm$ 0.889 χ^2/NDF : 759.5/12

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

All: 26.254 $\pm$ 0.593 χ^2/NDF : 2487.8/27

diff_bpm0i01aX_rms vs Slug, Sign Corrected



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

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

Right Out: 1871.374+/-0.562 χ^2/NDF : 129239.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

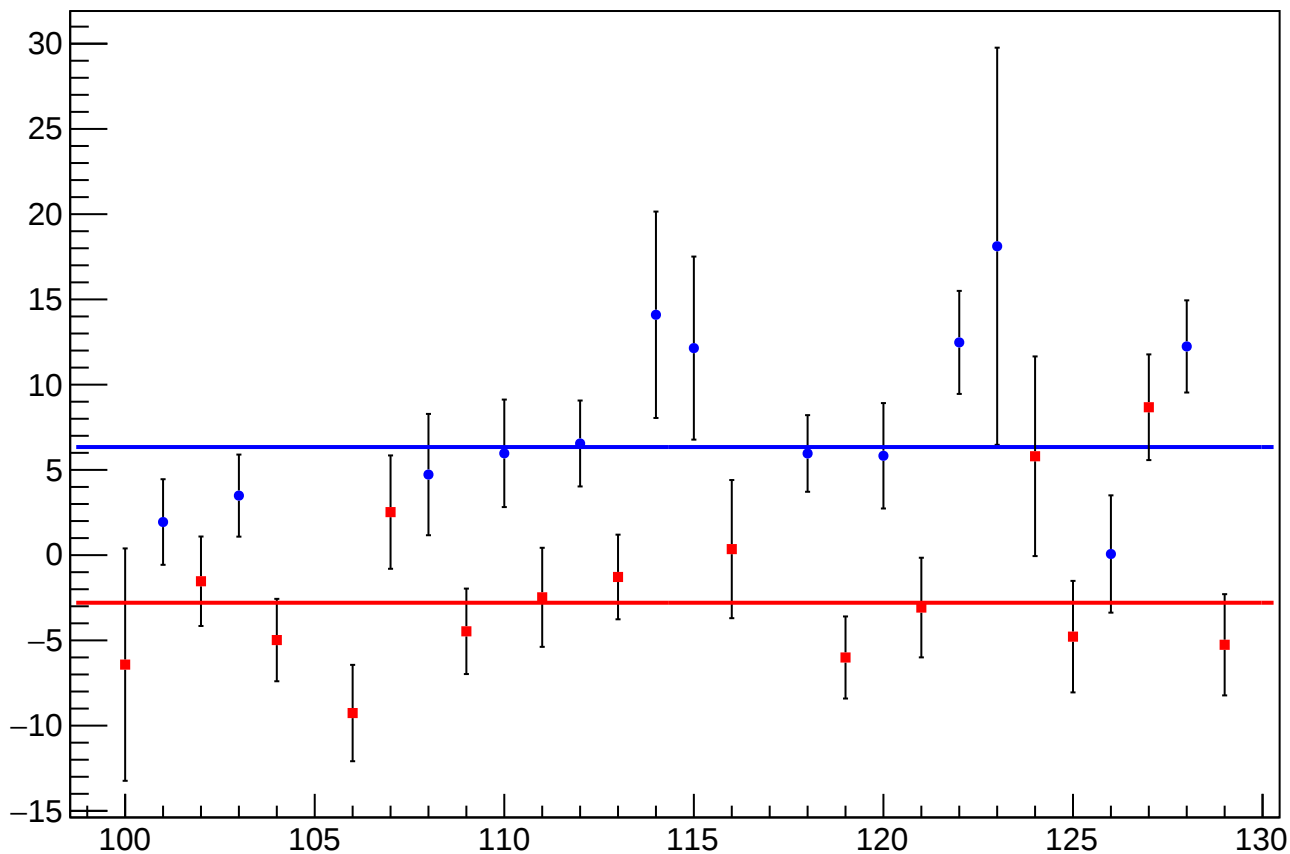
Right: 1896.164+/-0.419 χ^2/NDF : 227777.6/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1896.164+/-0.419 χ^2/NDF : 227777.6/27

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 6.341+/-0.854 χ^2/NDF : 20.8/12

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

Right Out: -2.792+/-0.771 χ^2/NDF : 29.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

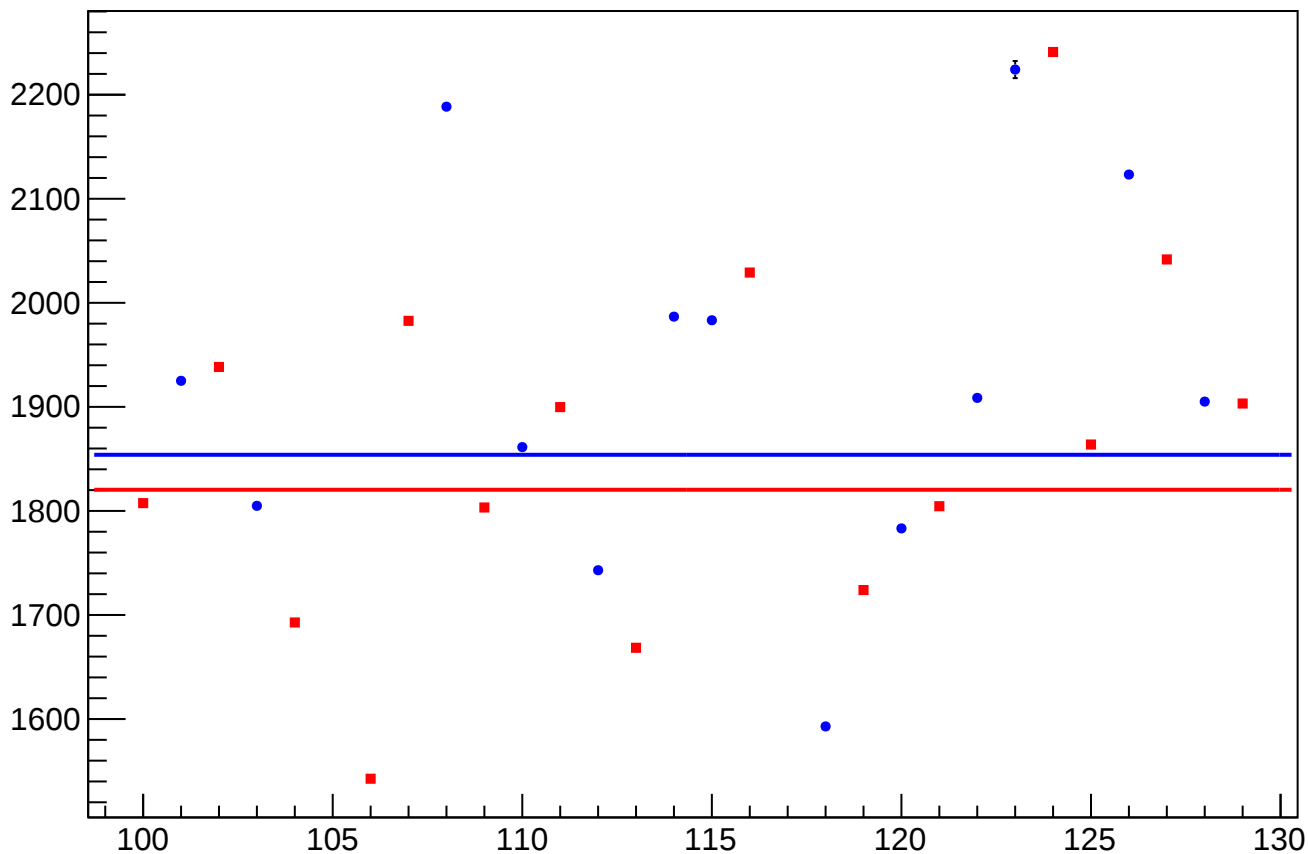
Right: 1.306+/-0.572 χ^2/NDF : 113.1/27

In: 6.341+/-0.854 χ^2/NDF : 20.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.306+/-0.572 χ^2/NDF : 113.1/27

diff_bpm0i01aY_rms vs Slug, Sign Corrected



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

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

Right Out: 1820.353+/-0.545 χ^2/NDF : 73781.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

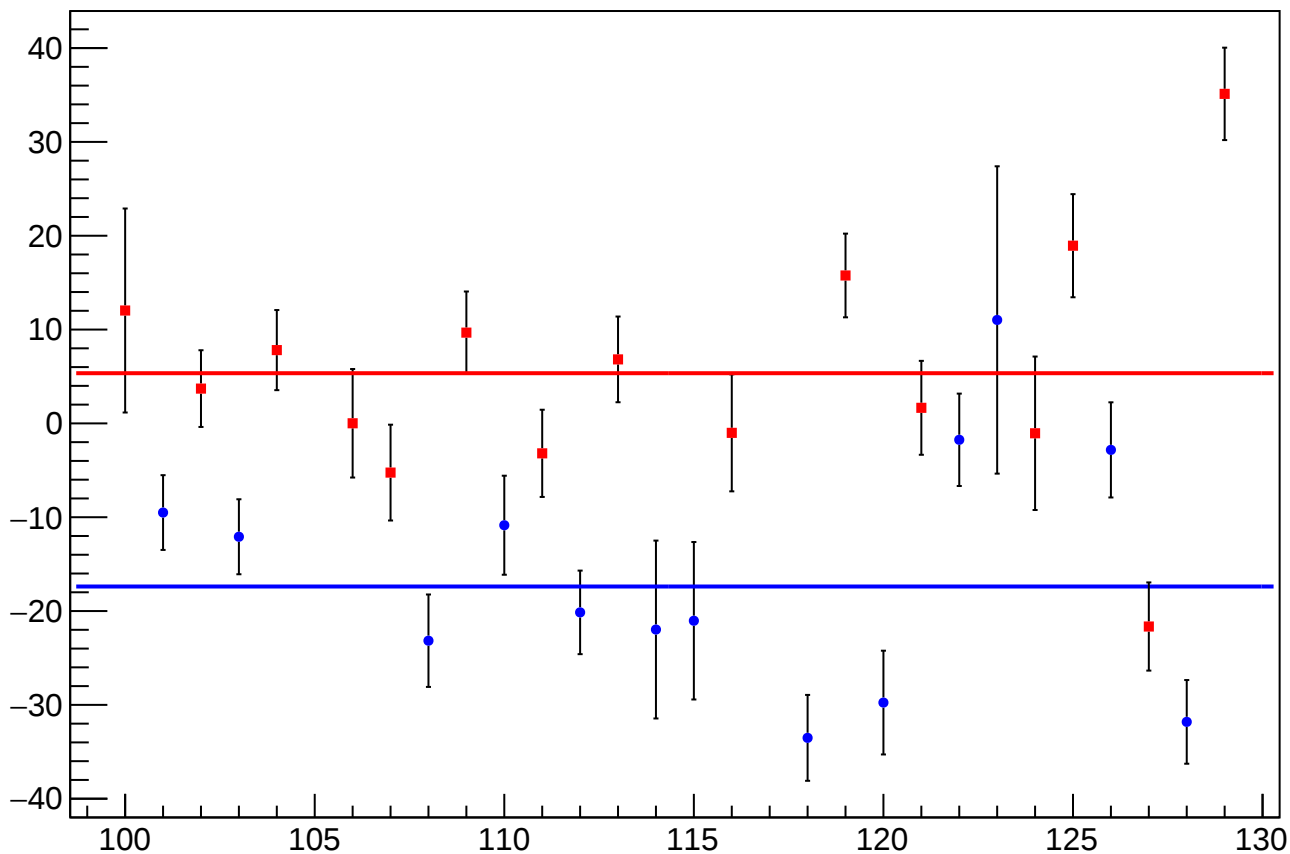
Right: 1835.434+/-0.405 χ^2/NDF : 145295.9/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1835.434+/-0.405 χ^2/NDF : 145295.9/27

diff_bpm0l01X_mean vs Slug, Sign Corrected



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

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

Right Out: 5.349+/-1.304 χ^2/NDF : 93.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

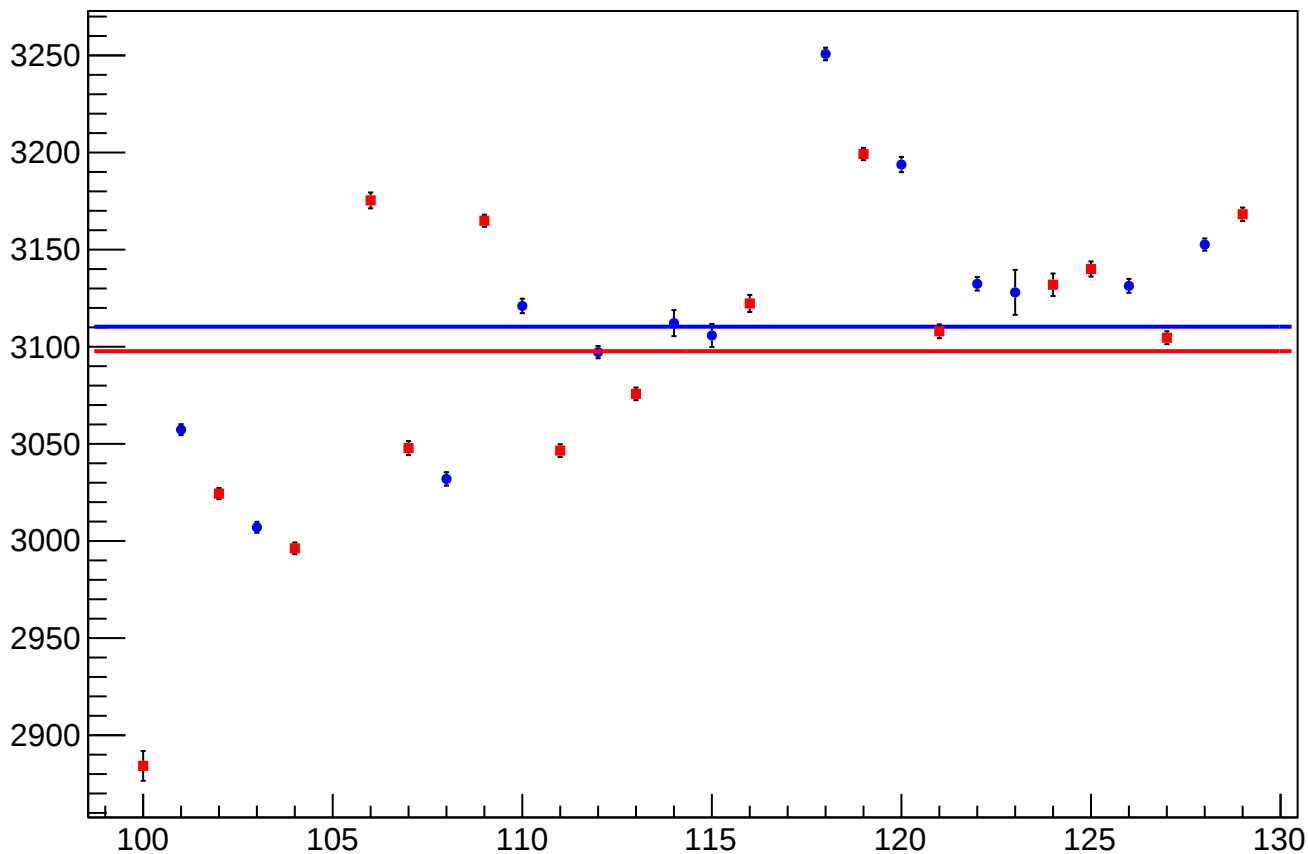
Right: -5.018+/-0.962 χ^2/NDF : 291.1/27

In: -17.384+/-1.424 χ^2/NDF : 58.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.018+/-0.962 χ^2/NDF : 291.1/27

diff_bpm0l01X_rms vs Slug, Sign Corrected



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

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

Right Out: 3097.713 $\pm$ 0.922 χ^2 /NDF: 5498.2/14

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

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

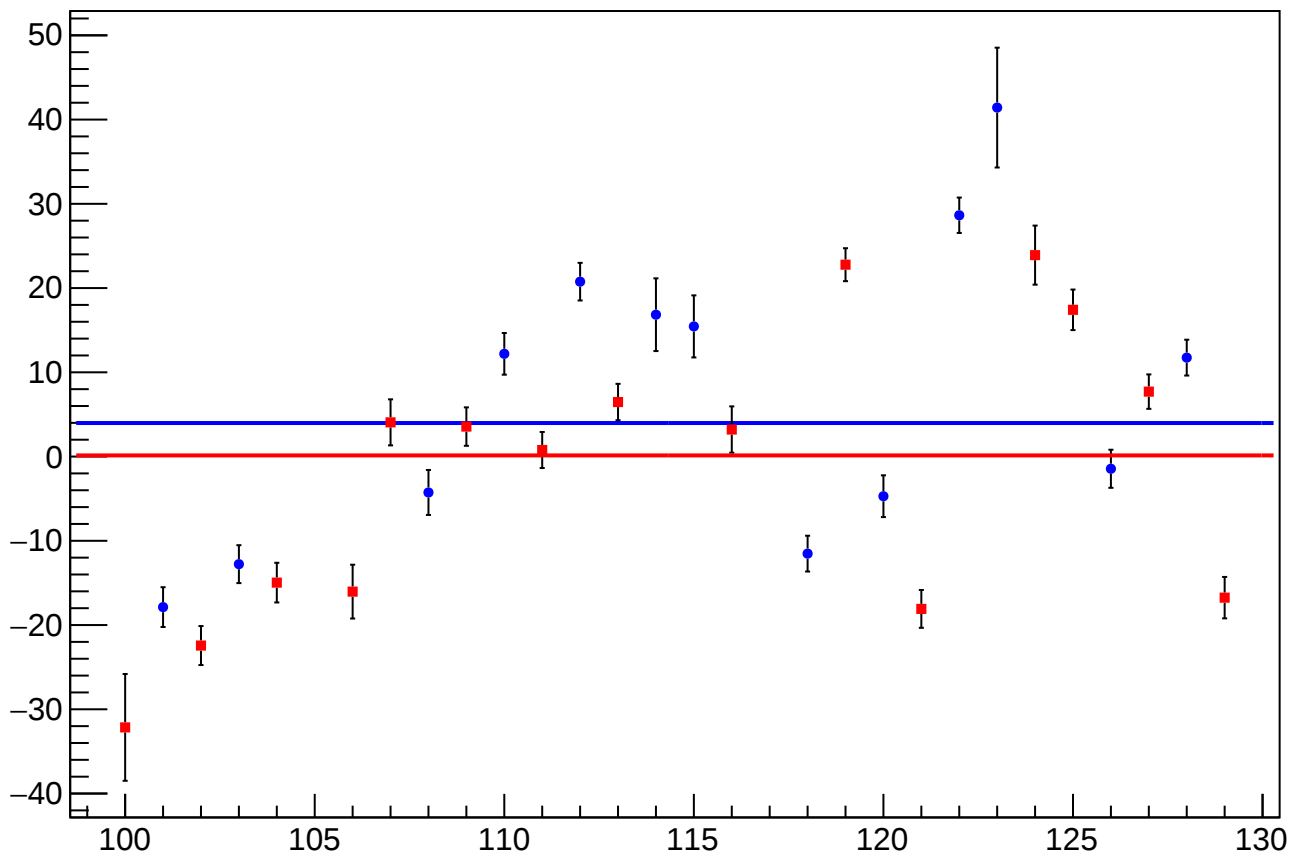
Right: 3103.465 $\pm$ 0.680 χ^2 /NDF: 10401.3/27

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3103.465 $\pm$ 0.680 χ^2 /NDF: 10401.3/27

diff_bpm0l01Y_mean vs Slug, Sign Corrected



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

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

Right Out: 0.137+/-0.632 χ^2/NDF : 560.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

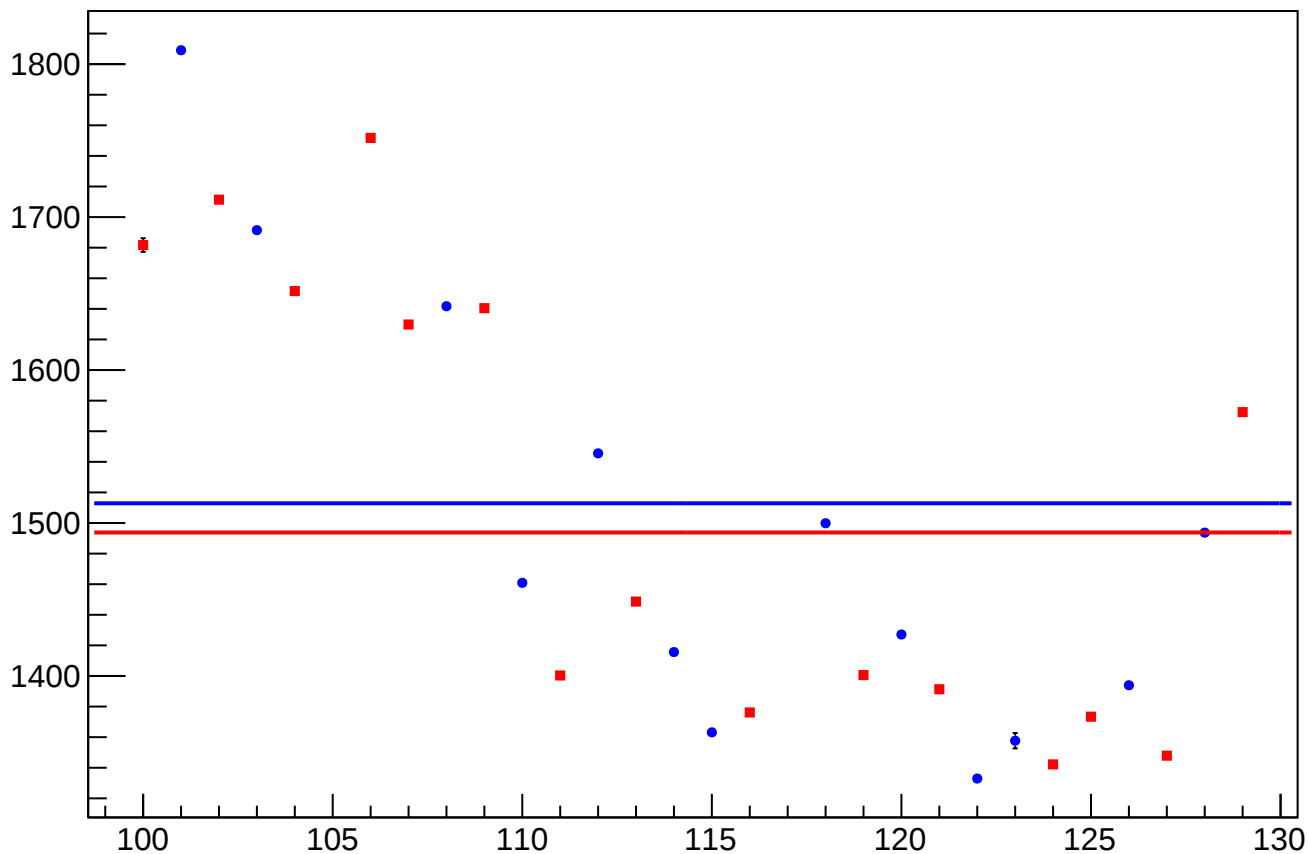
Right: 1.871+/-0.468 χ^2/NDF : 1063.9/27

In: 3.981+/-0.697 χ^2/NDF : 486.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.871+/-0.468 χ^2/NDF : 1063.9/27

diff_bpm0l01Y_rms vs Slug, Sign Corrected



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

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

Right Out: 1493.796+/-0.447 χ^2/NDF : 92744.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

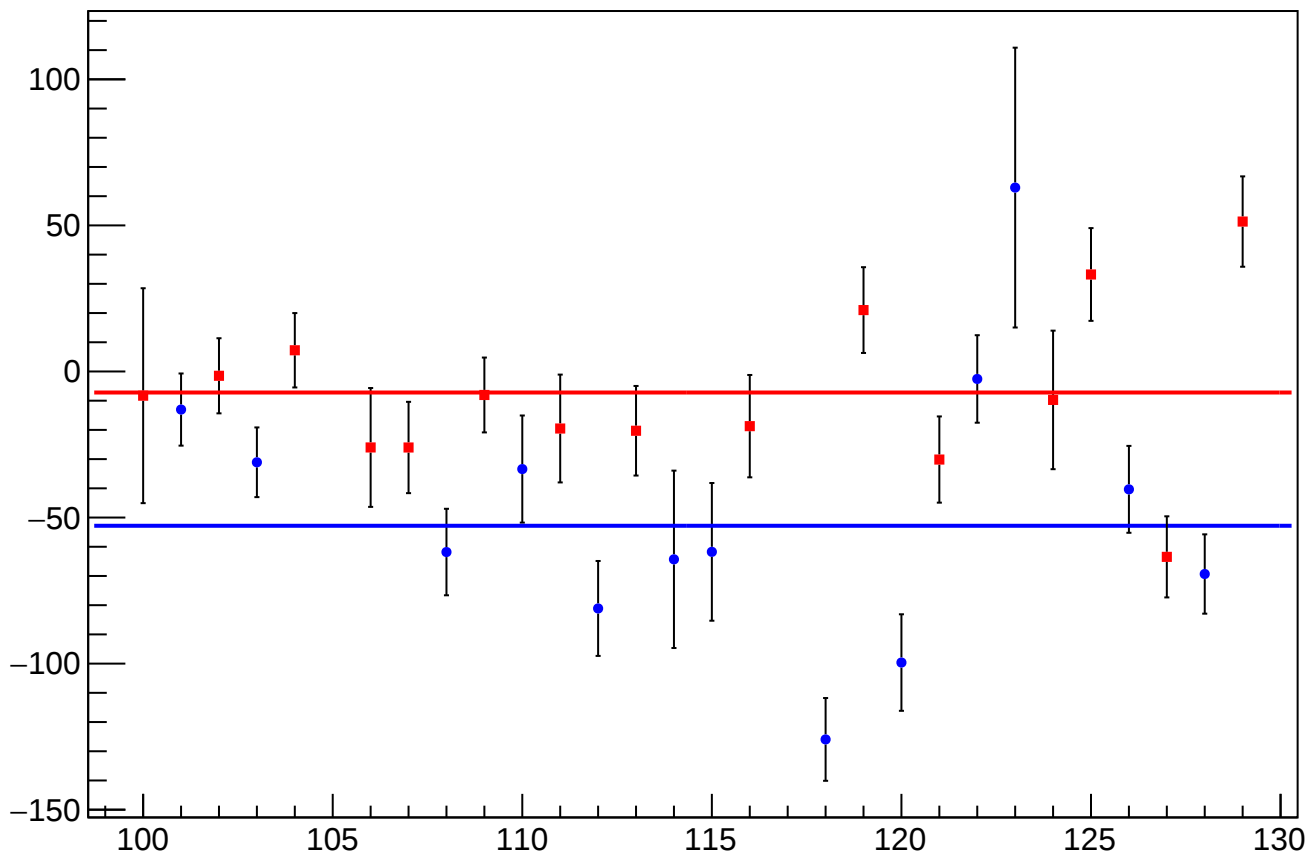
Right: 1502.411+/-0.331 χ^2/NDF : 171730.9/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1502.411+/-0.331 χ^2/NDF : 171730.9/27

diff_bpm0l02X_mean vs Slug, Sign Corrected



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

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

Right Out: -7.200 $\pm$ 4.070 χ^2 /NDF: 48.7/14

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

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

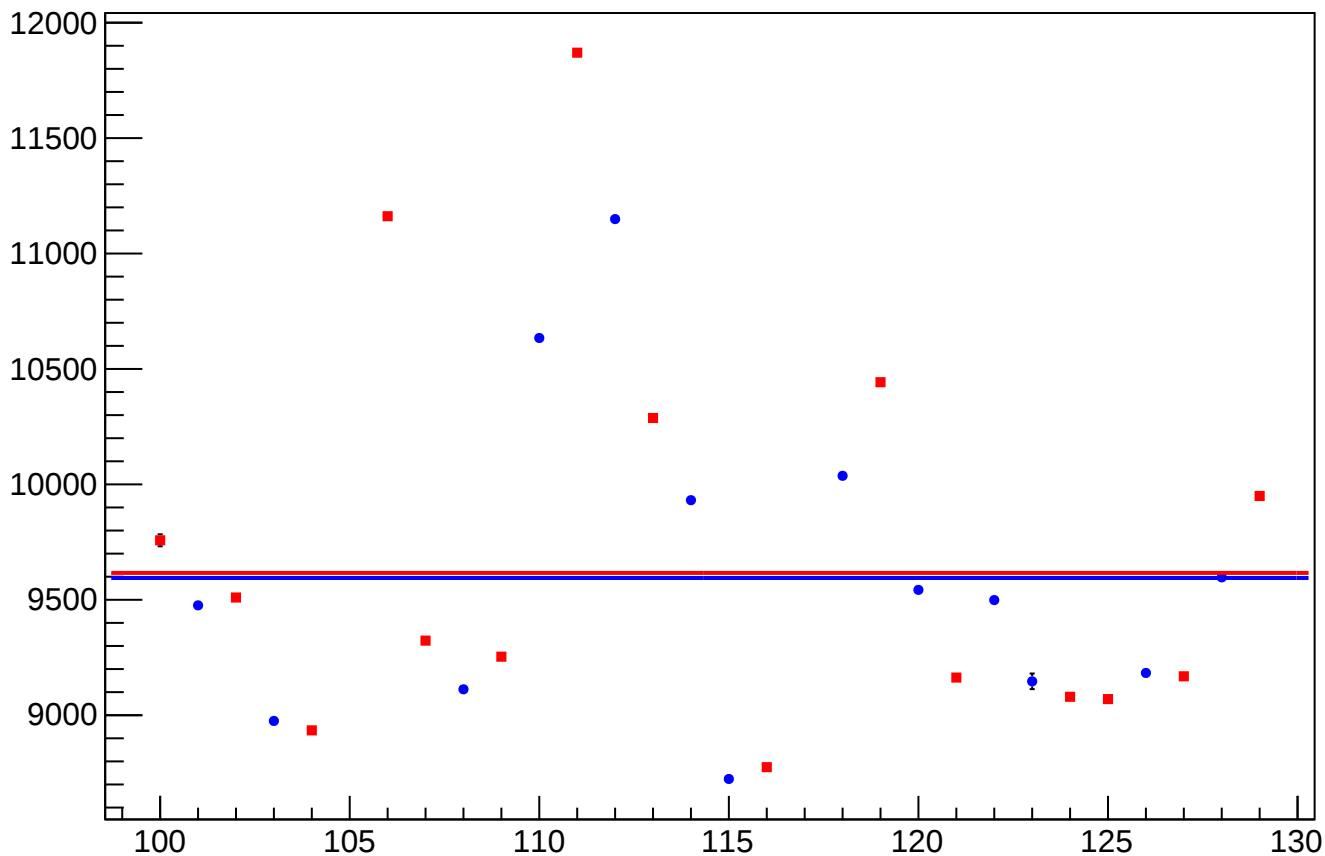
Right: -28.154 $\pm$ 2.993 χ^2 /NDF: 178.9/27

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -28.154 $\pm$ 2.993 χ^2 /NDF: 178.9/27

diff_bpm0l02X_rms vs Slug, Sign Corrected



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

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

Right Out: 9616.475+/-2.878 χ^2/NDF : 72649.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

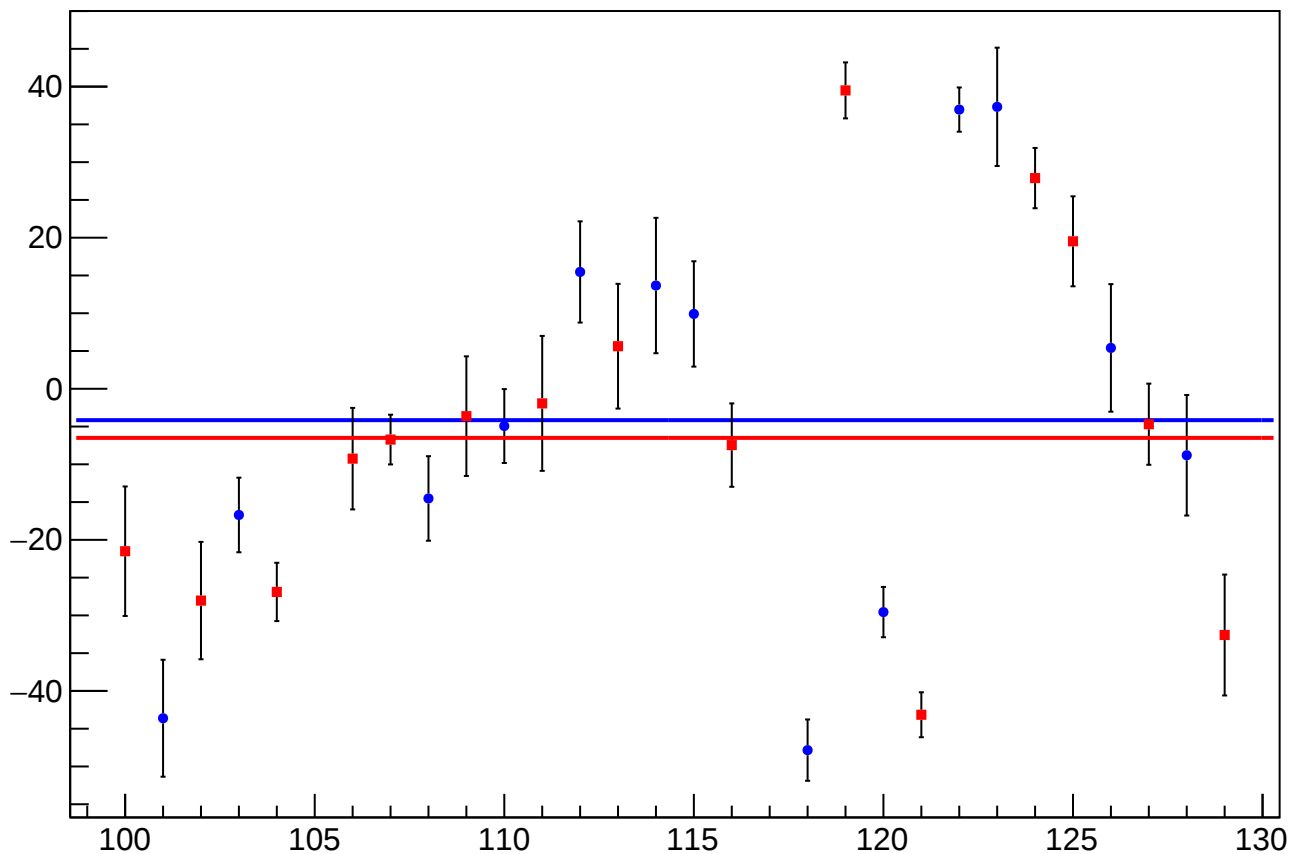
Right: 9606.392+/-2.116 χ^2/NDF : 111850.2/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9606.392+/-2.116 χ^2/NDF : 111850.2/27

diff_bpm0l02Y_mean vs Slug, Sign Corrected



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

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

Right Out: -6.500+/-1.276 χ^2/NDF : 451.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

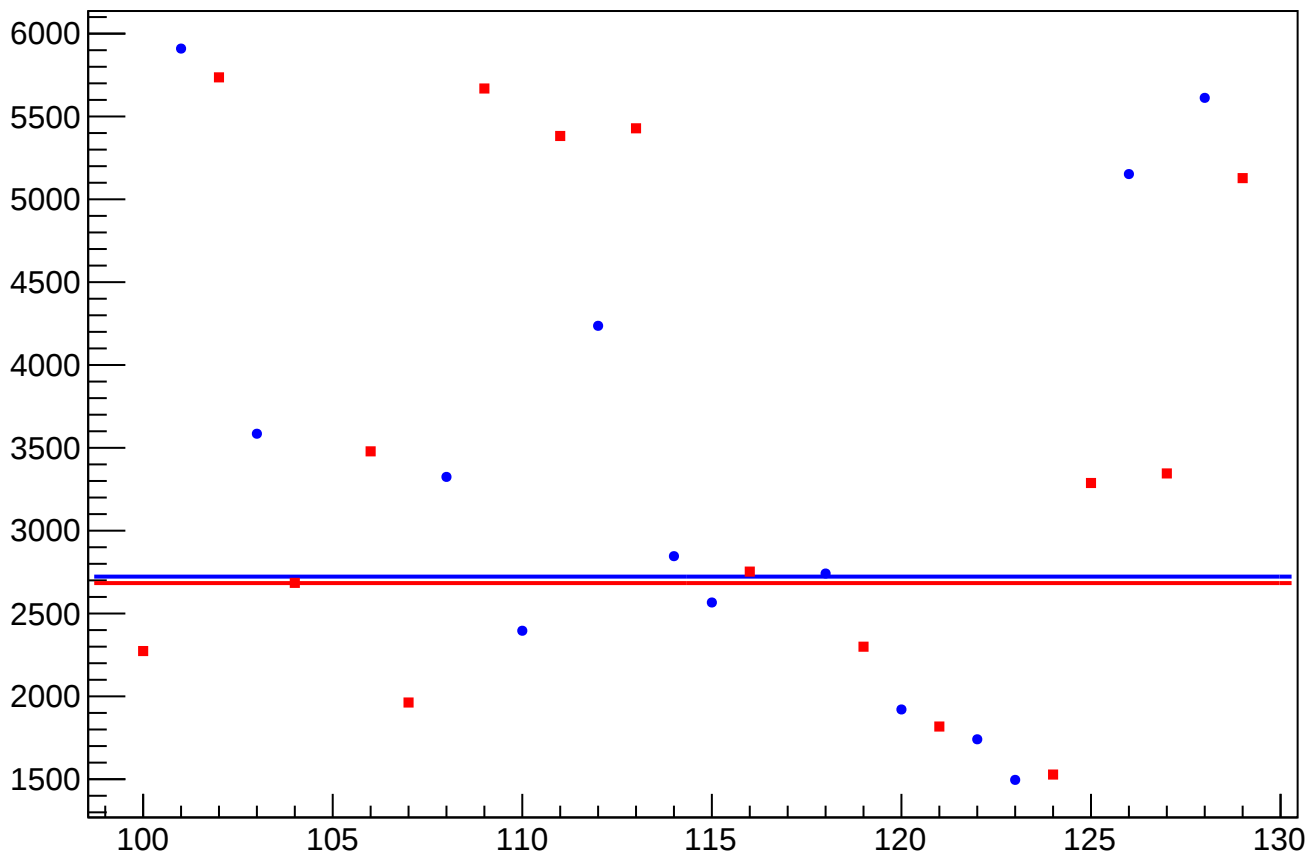
Right: -5.448+/-0.947 χ^2/NDF : 906.1/27

In: -4.155+/-1.414 χ^2/NDF : 453.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.448+/-0.947 χ^2/NDF : 906.1/27

diff_bpm0l02Y_rms vs Slug, Sign Corrected



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

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

Right Out: 2683.680+/-0.902 χ^2/NDF : 1721186.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

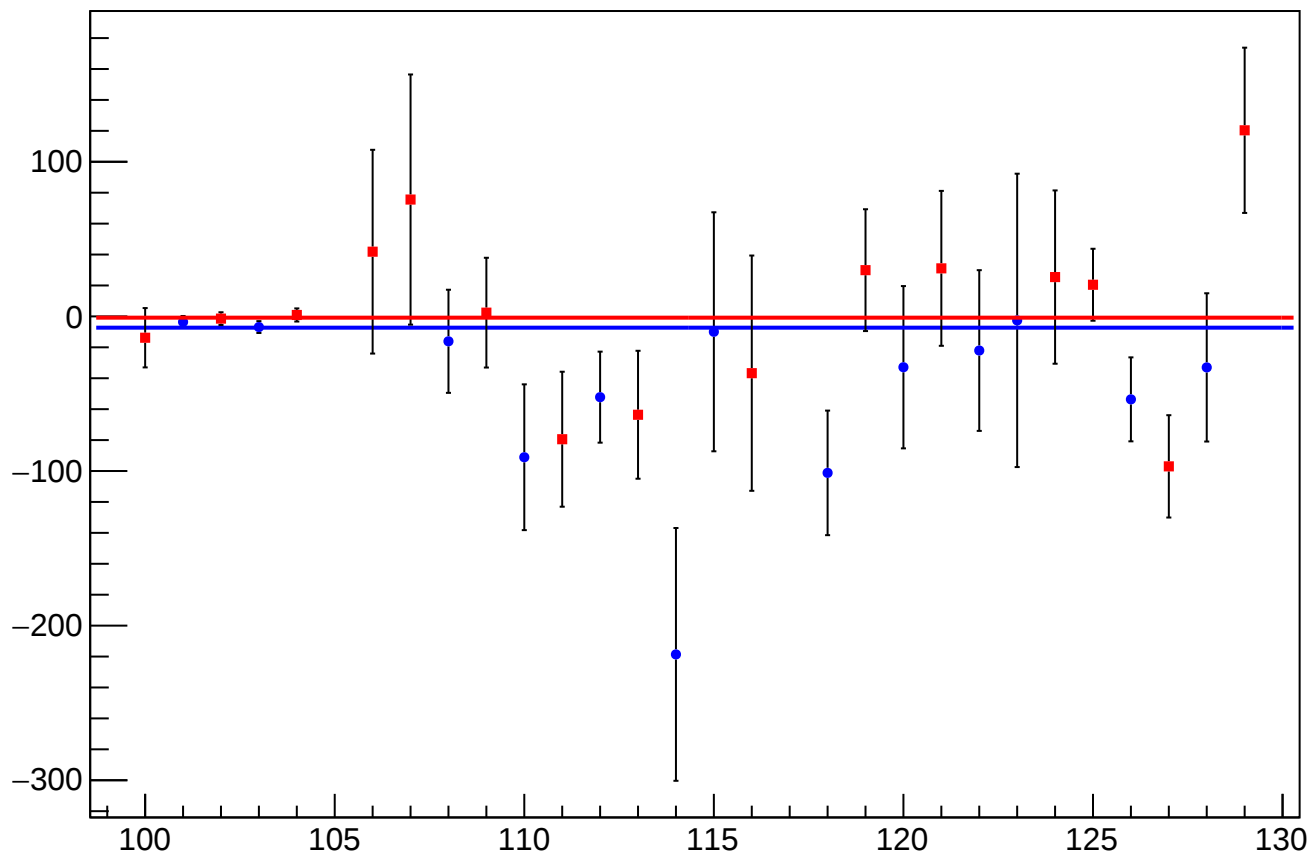
Right: 2701.210+/-0.670 χ^2/NDF : 3075338.2/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2701.210+/-0.670 χ^2/NDF : 3075338.2/27

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -7.293+/-2.656 χ^2 /NDF: 22.1/12

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

Right Out: -0.821+/-2.836 χ^2 /NDF: 23.4/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

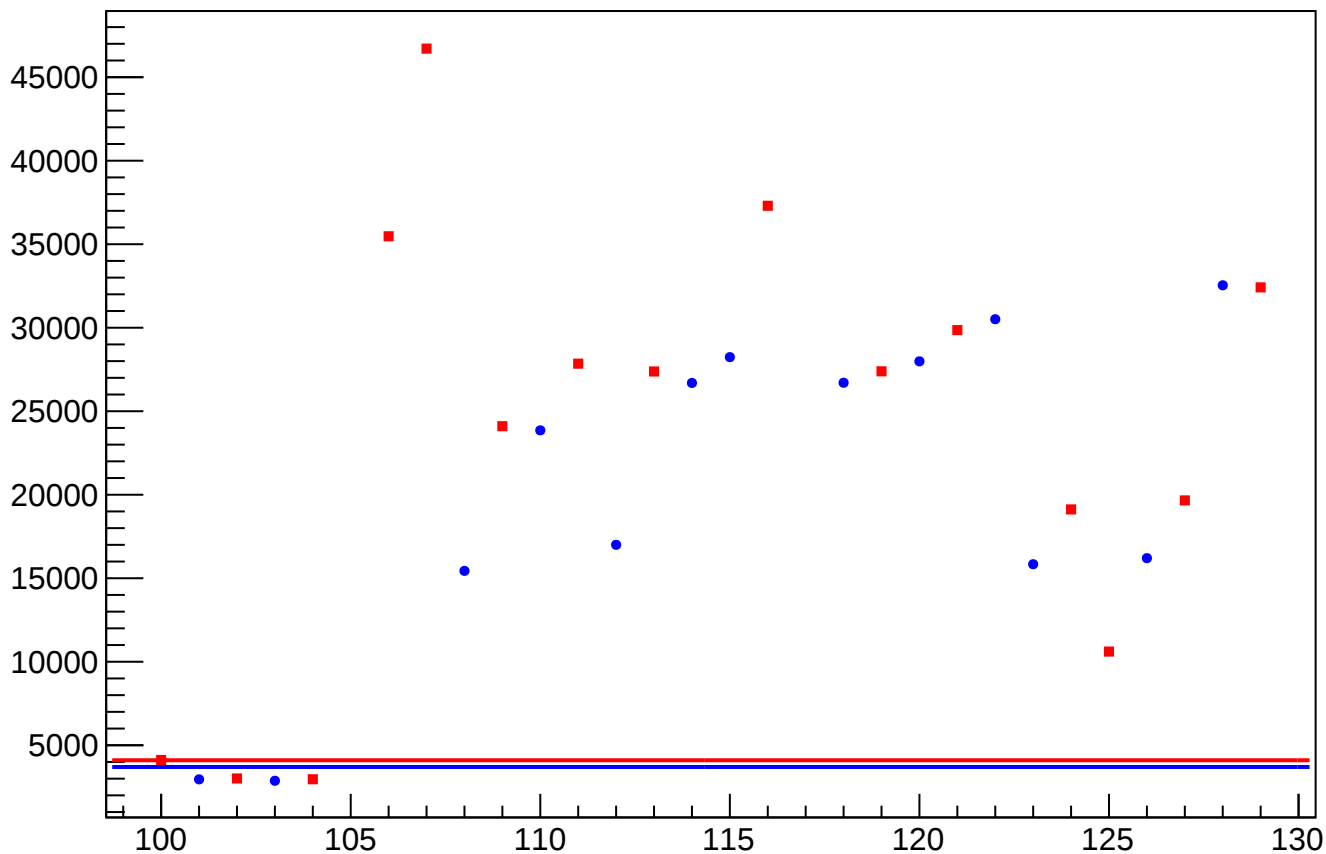
Right: -4.268+/-1.939 χ^2 /NDF: 48.3/27

In: -7.293+/-2.656 χ^2 /NDF:22.1/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -4.268+/-1.939 χ^2 /NDF: 48.3/27

diff_bpm0l03X_rms vs Slug, Sign Corrected



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

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

Right Out: 4100.969+/-2.005 χ^2/NDF : 6065057.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

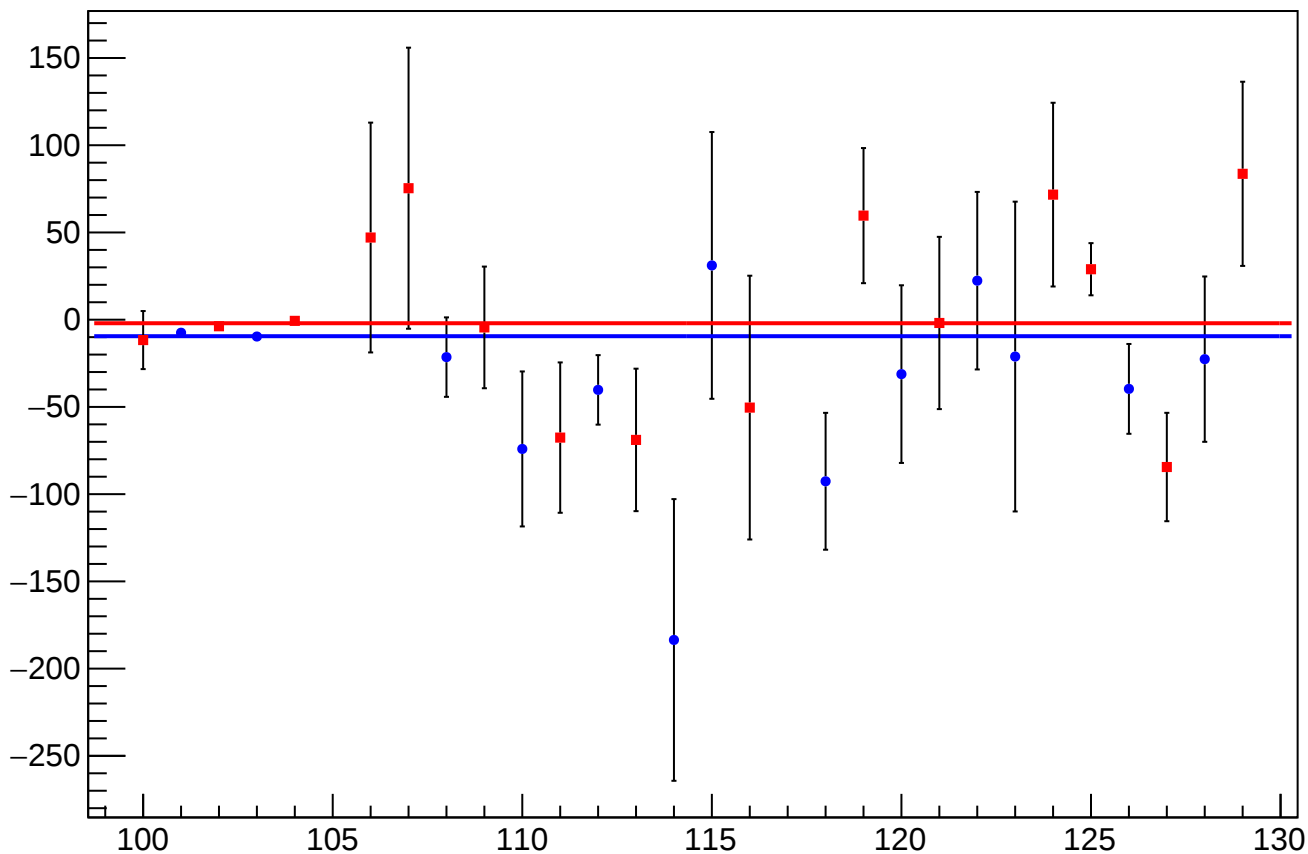
Right: 3887.062+/-1.371 χ^2/NDF : 10428637.5/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3887.062+/-1.371 χ^2/NDF : 10428637.5/27

diff_bpm0l03Y_mean vs Slug, Sign Corrected



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

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

Right Out: -2.029 ± 1.961 χ^2/NDF : 26.3/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

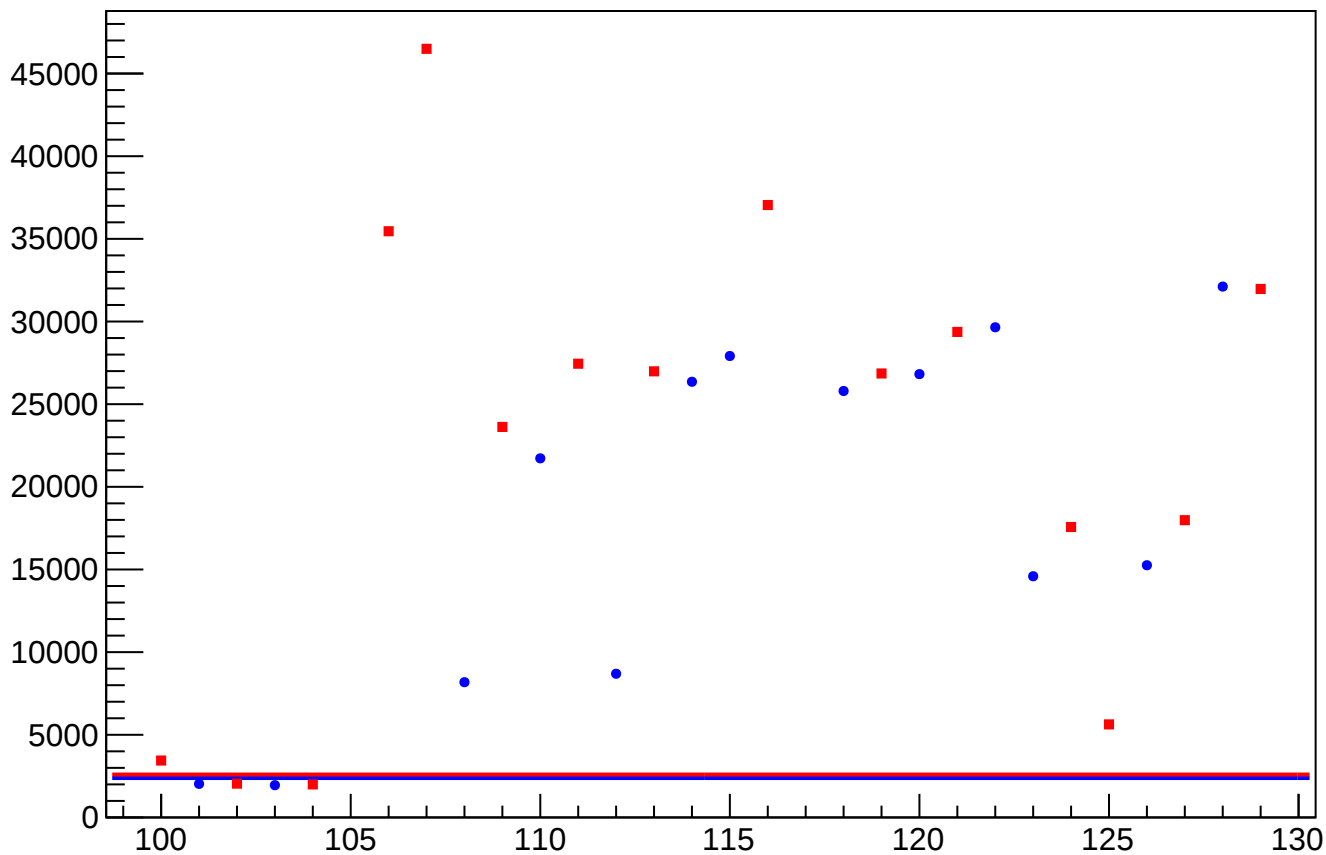
Right: -6.003 ± 1.337 χ^2/NDF : 50.8/27

In: -9.462 ± 1.829 χ^2/NDF : 16.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.003 ± 1.337 χ^2/NDF : 50.8/27

diff_bpm0l03Y_rms vs Slug, Sign Corrected



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

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

Right Out: 2595.926+/-1.386 χ^2/NDF : 6508112.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

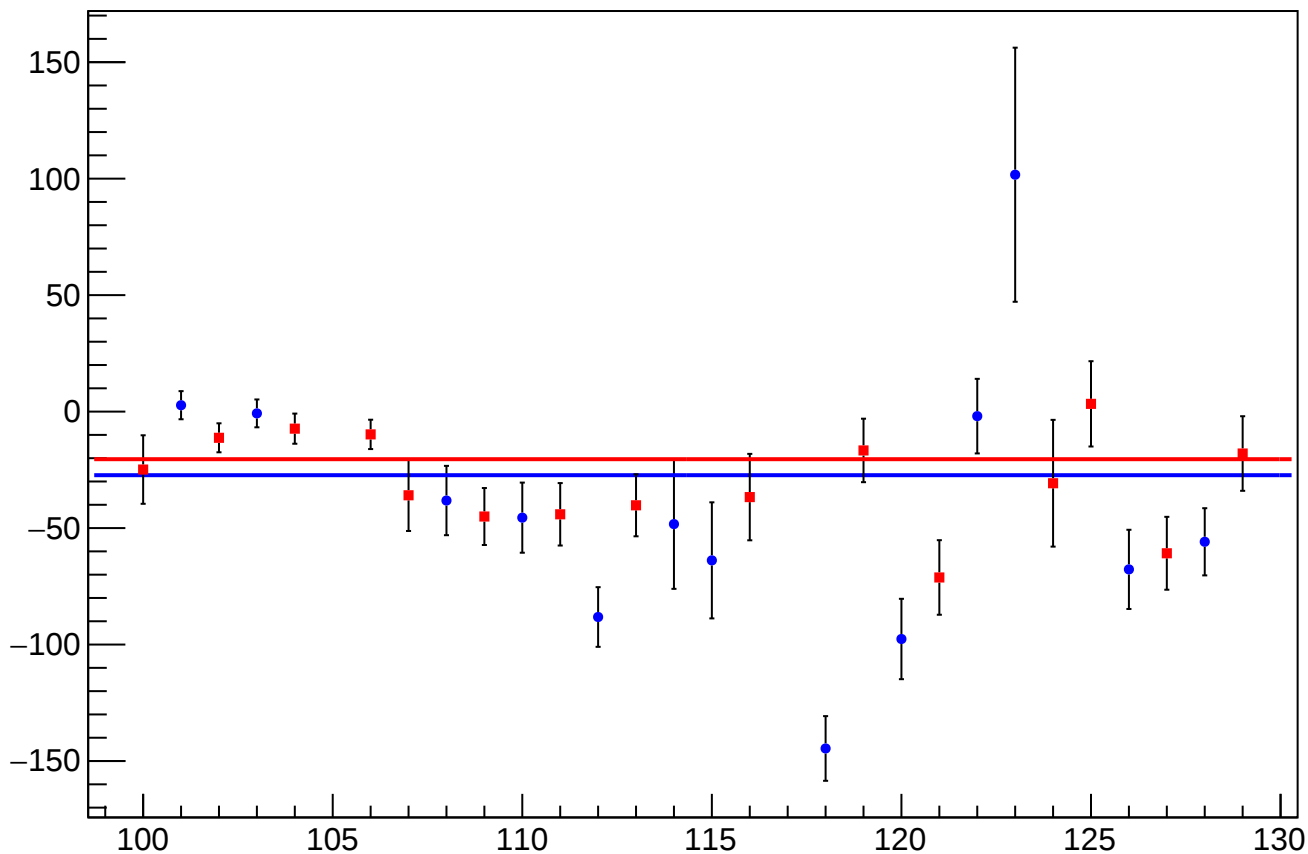
Right: 2482.801+/-0.946 χ^2/NDF : 10792597.7/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2482.801+/-0.946 χ^2/NDF : 10792597.7/27

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -27.295 ± 3.254 $\chi^2/\text{NDF}: 177.5/12$

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

Right Out: -20.427 ± 2.815 $\chi^2/\text{NDF}: 39.0/14$

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

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

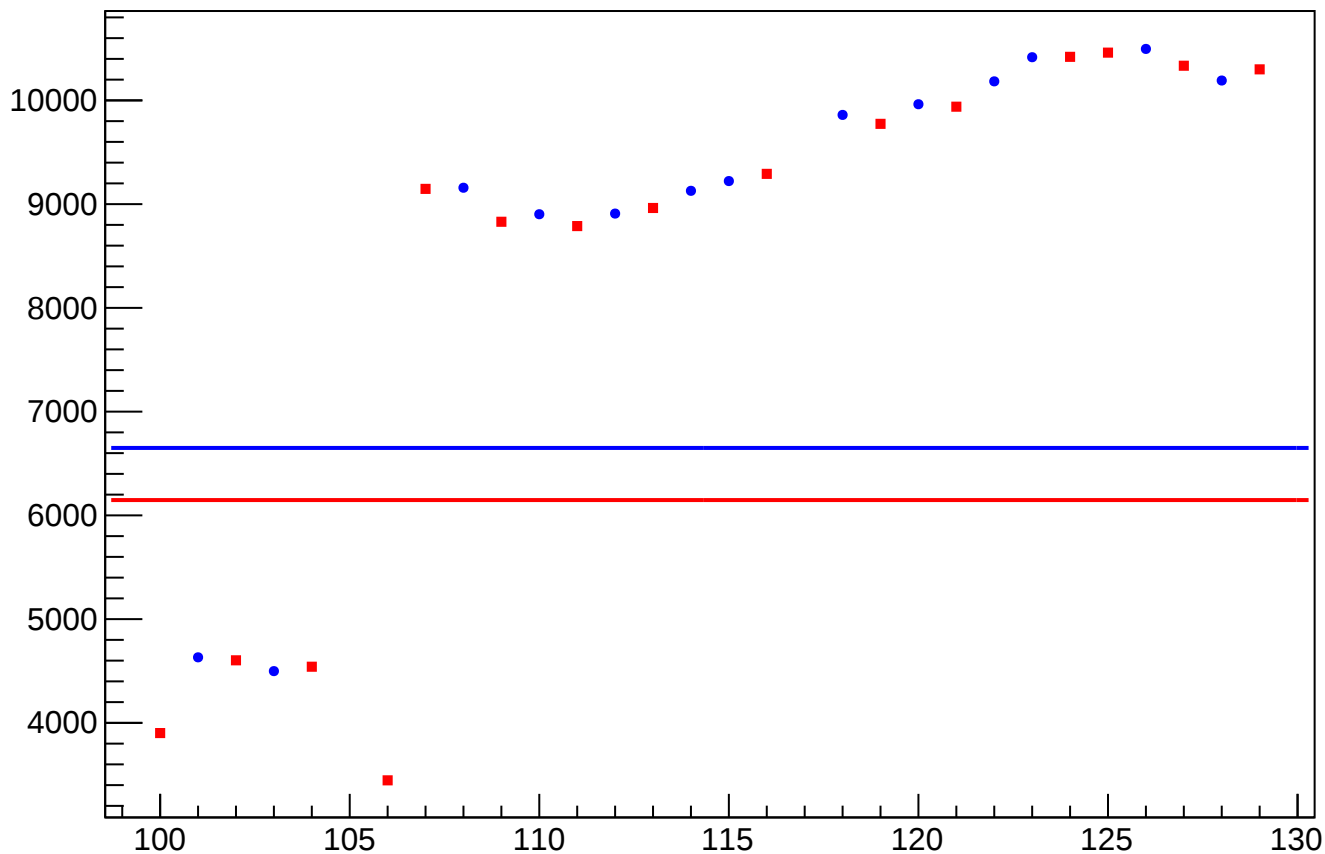
Right: -23.366 ± 2.129 $\chi^2/\text{NDF}: 219.1/27$

In: -27.295 ± 3.254 $\chi^2/\text{NDF}: 177.5/12$

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

All: -23.366 ± 2.129 $\chi^2/\text{NDF}: 219.1/27$

diff_bpm0l04X_rms vs Slug, Sign Corrected



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

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

Right Out: 6147.604+/-1.990 χ^2/NDF : 1750332.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

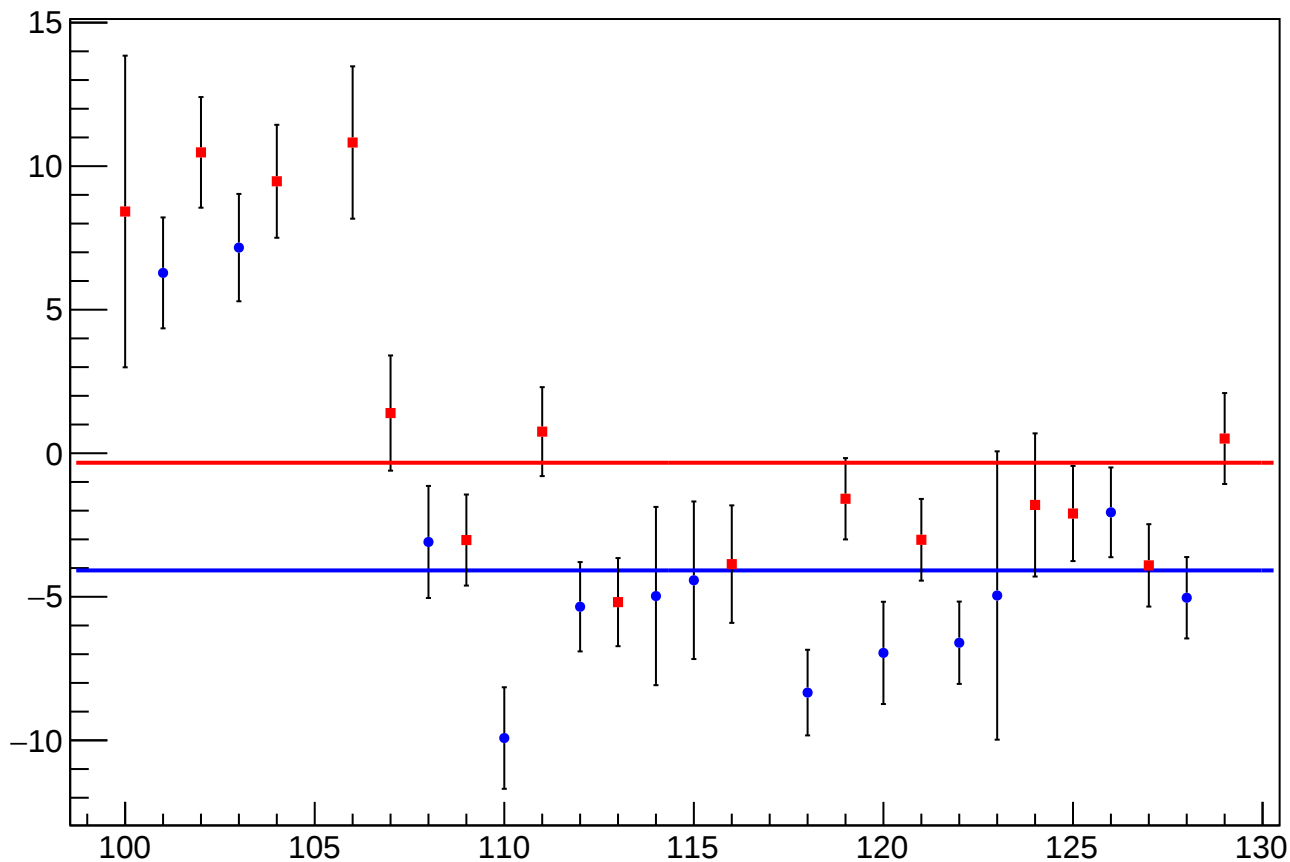
Right: 6362.634+/-1.505 χ^2/NDF : 2971971.0/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6362.634+/-1.505 χ^2/NDF : 2971971.0/27

diff_bpm0l04Y_mean vs Slug, Sign Corrected



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

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

Right Out: -0.331 ± 0.455 χ^2/NDF : 106.0/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

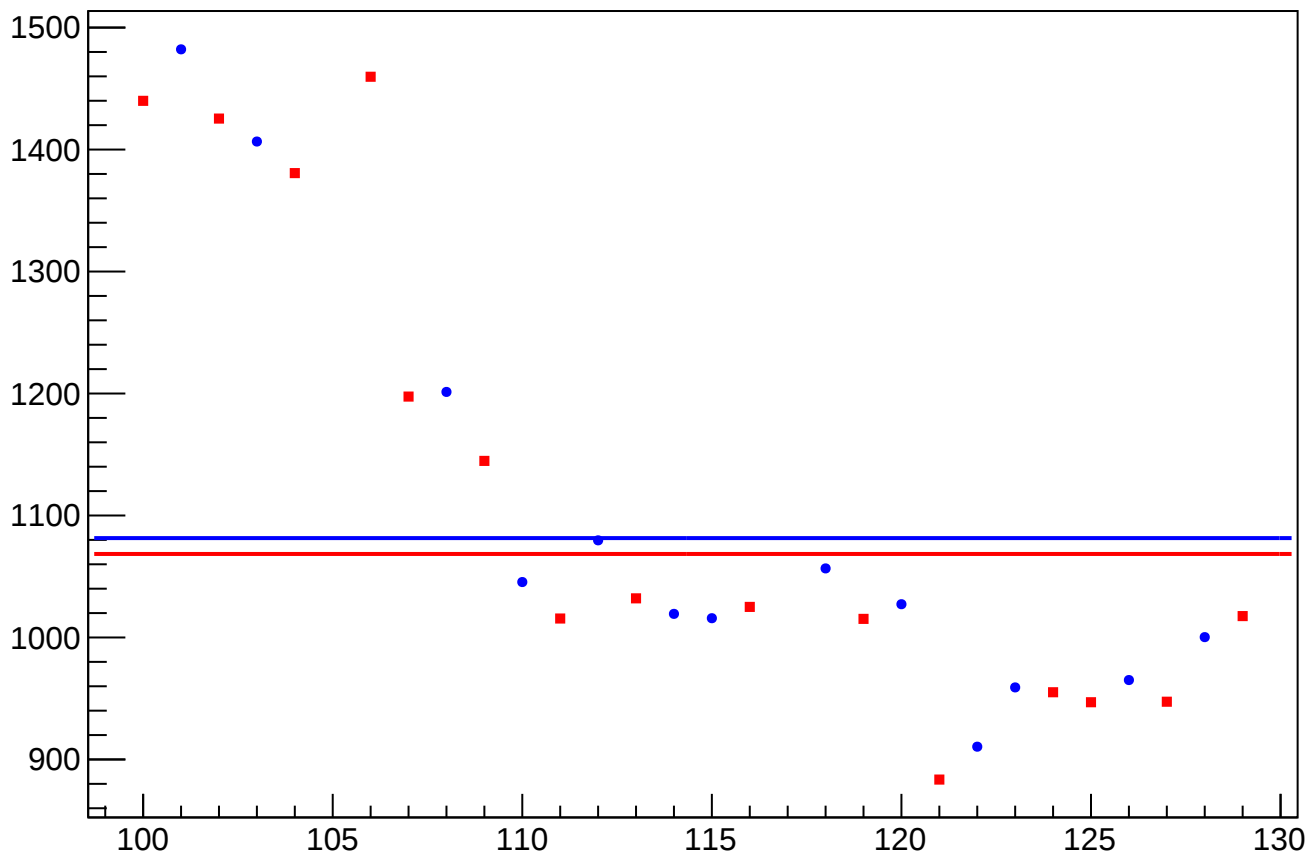
Right: -2.026 ± 0.337 χ^2/NDF : 229.6/27

In: -4.082 ± 0.501 χ^2/NDF : 92.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.026 ± 0.337 χ^2/NDF : 229.6/27

diff_bpm0l04Y_rms vs Slug, Sign Corrected



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

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

Right Out: 1068.467+/-0.322 χ^2/NDF : 256895.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

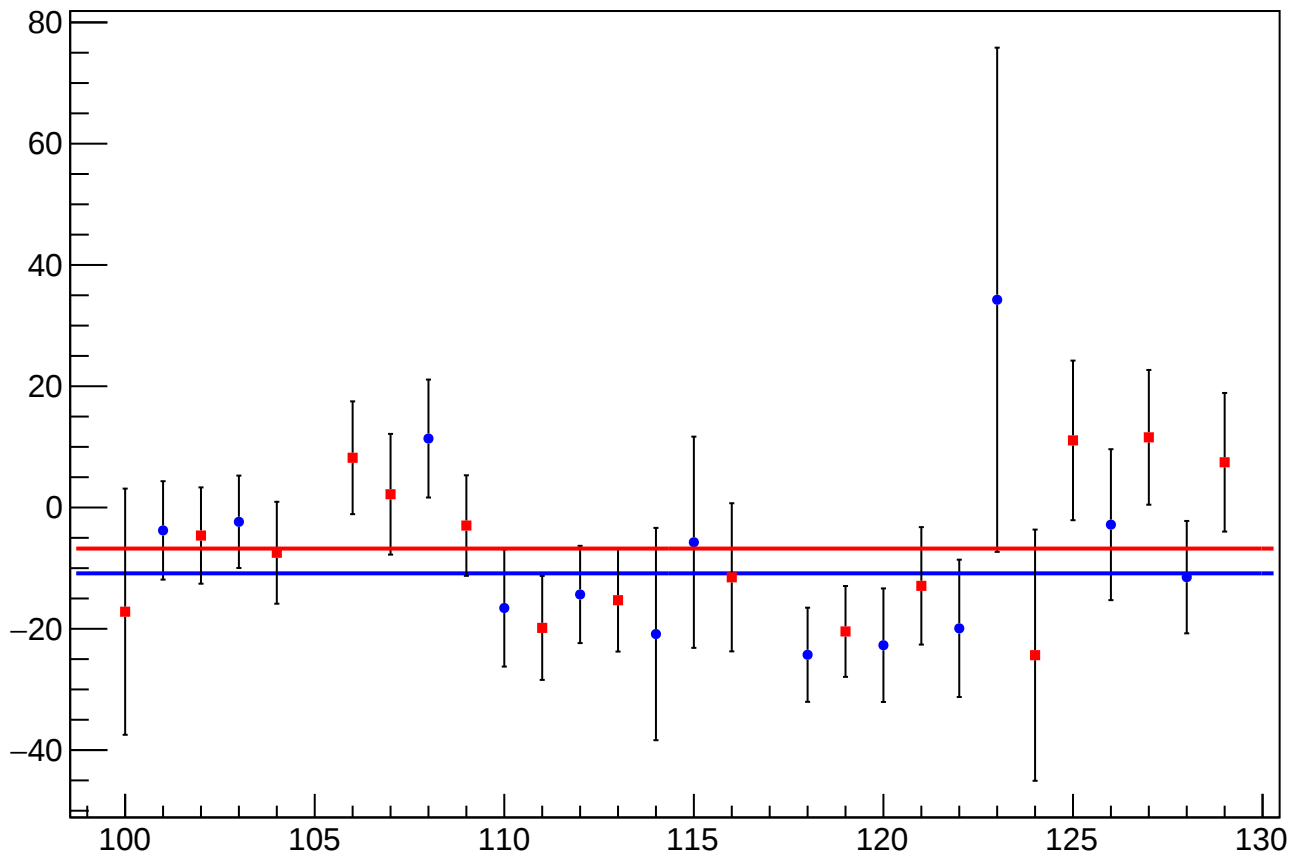
Right: 1074.346+/-0.238 χ^2/NDF : 464116.6/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1074.346+/-0.238 χ^2/NDF : 464116.6/27

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -10.856 $\pm$ 2.770 χ^2 /NDF: 15.0/12

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

Right Out: -6.768 $\pm$ 2.538 χ^2 /NDF: 18.0/14

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

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

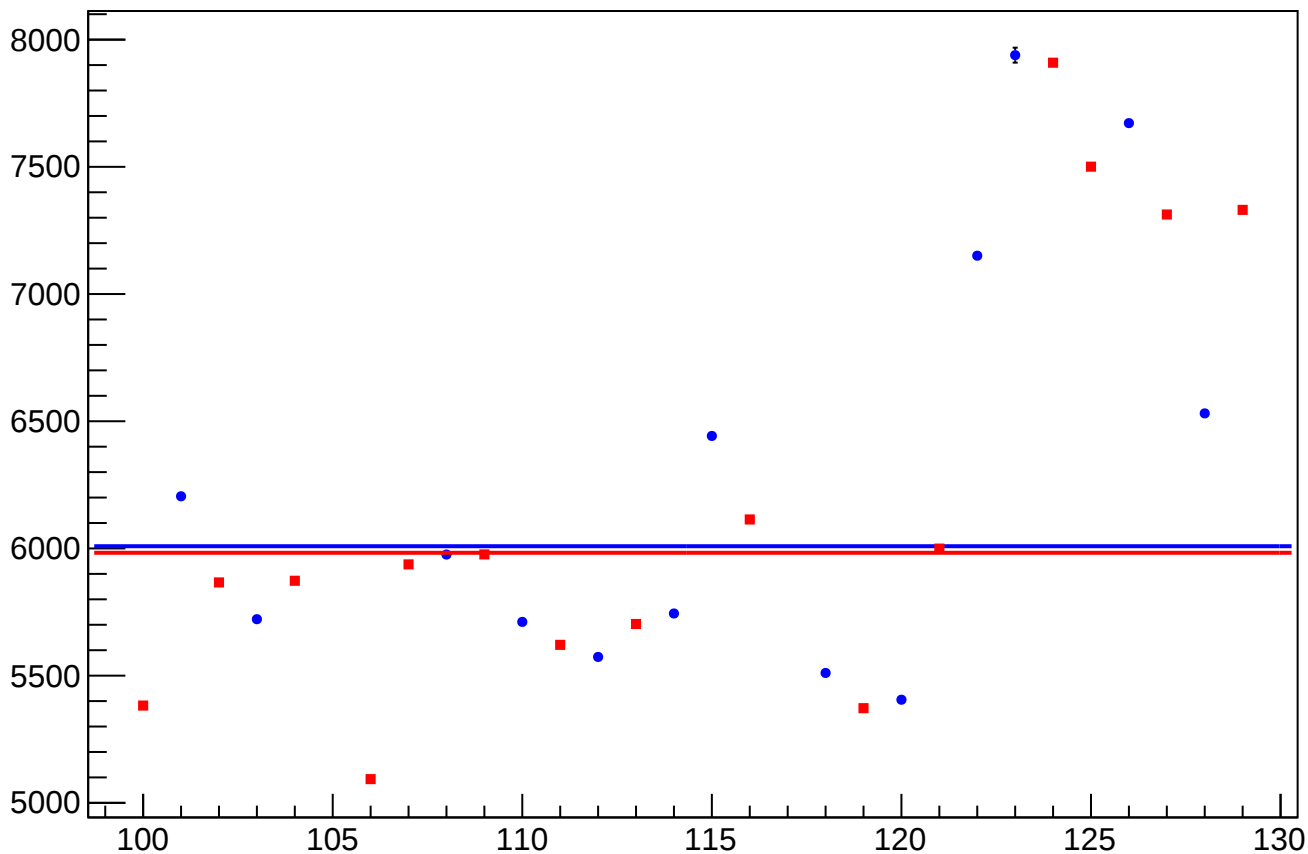
Right: -8.633 $\pm$ 1.872 χ^2 /NDF: 34.2/27

In: -10.856 $\pm$ 2.770 χ^2 /NDF:15.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -8.633 $\pm$ 1.872 χ^2 /NDF: 34.2/27

diff_bpm0l05X_rms vs Slug, Sign Corrected



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

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

Right Out: 5982.991+/-1.795 χ^2/NDF : 140501.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

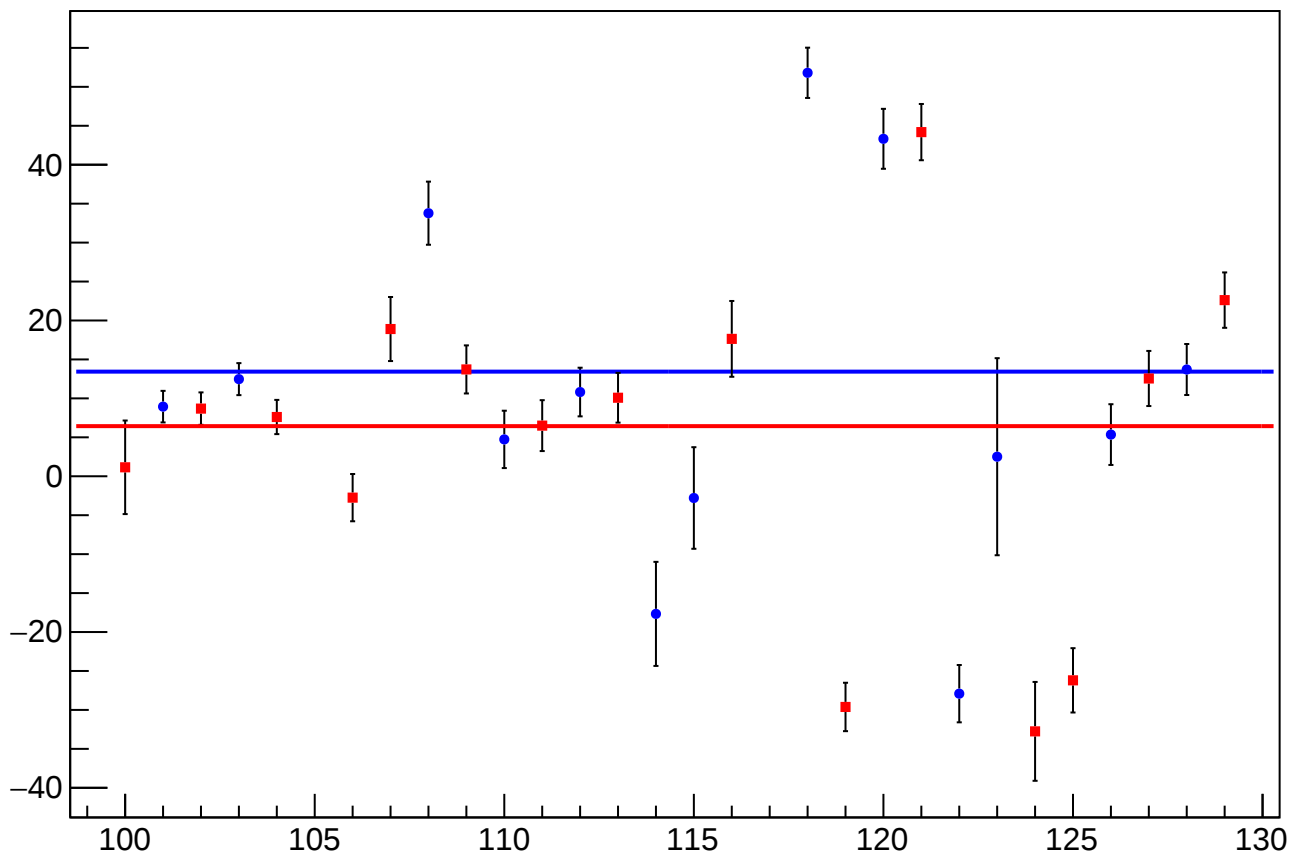
Right: 5994.749+/-1.323 χ^2/NDF : 237363.7/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5994.749+/-1.323 χ^2/NDF : 237363.7/27

diff_bpm0l05Y_mean vs Slug, Sign Corrected



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

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

Right Out: 6.436+/-0.847 χ^2/NDF : 400.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

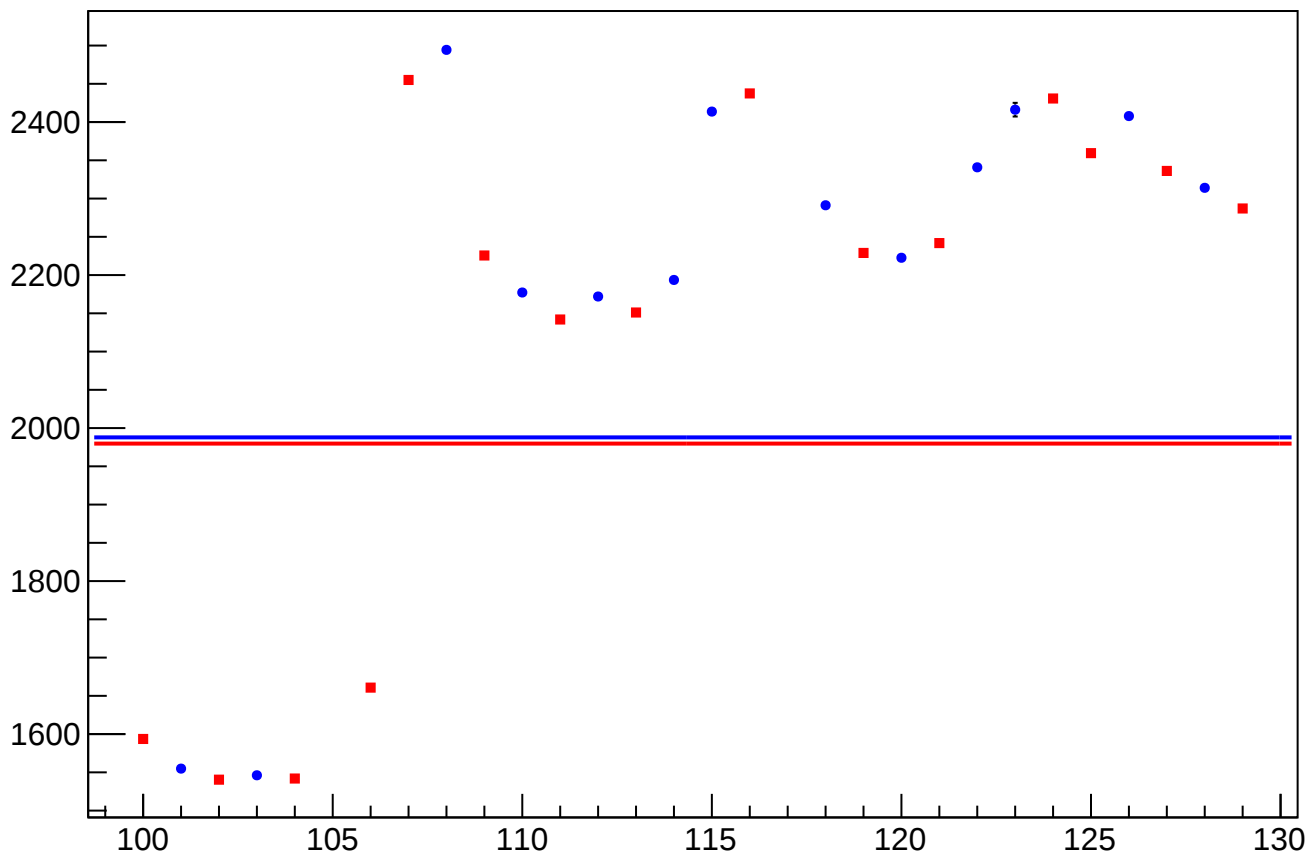
Right: 9.622+/-0.625 χ^2/NDF : 829.4/27

In: 13.434+/-0.926 χ^2/NDF : 397.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.622+/-0.625 χ^2/NDF : 829.4/27

diff_bpm0l05Y_rms vs Slug, Sign Corrected



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

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

Right Out: 1979.712+/-0.599 χ^2/NDF : 352237.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

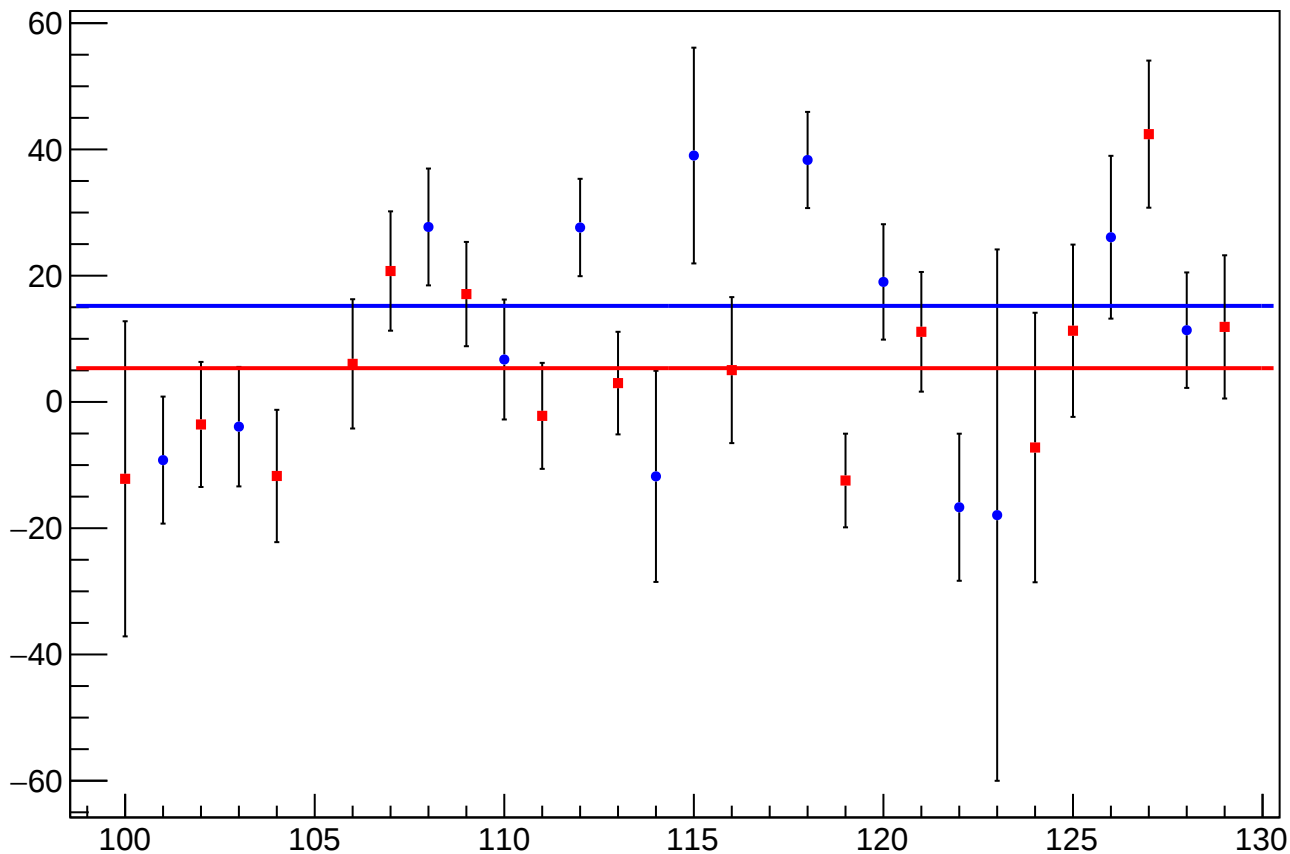
Right: 1983.414+/-0.442 χ^2/NDF : 678834.9/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1983.414+/-0.442 χ^2/NDF : 678834.9/27

diff_bpm0l06X_mean vs Slug, Sign Corrected



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

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

Right Out: 5.348+/-2.625 χ^2/NDF : 26.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

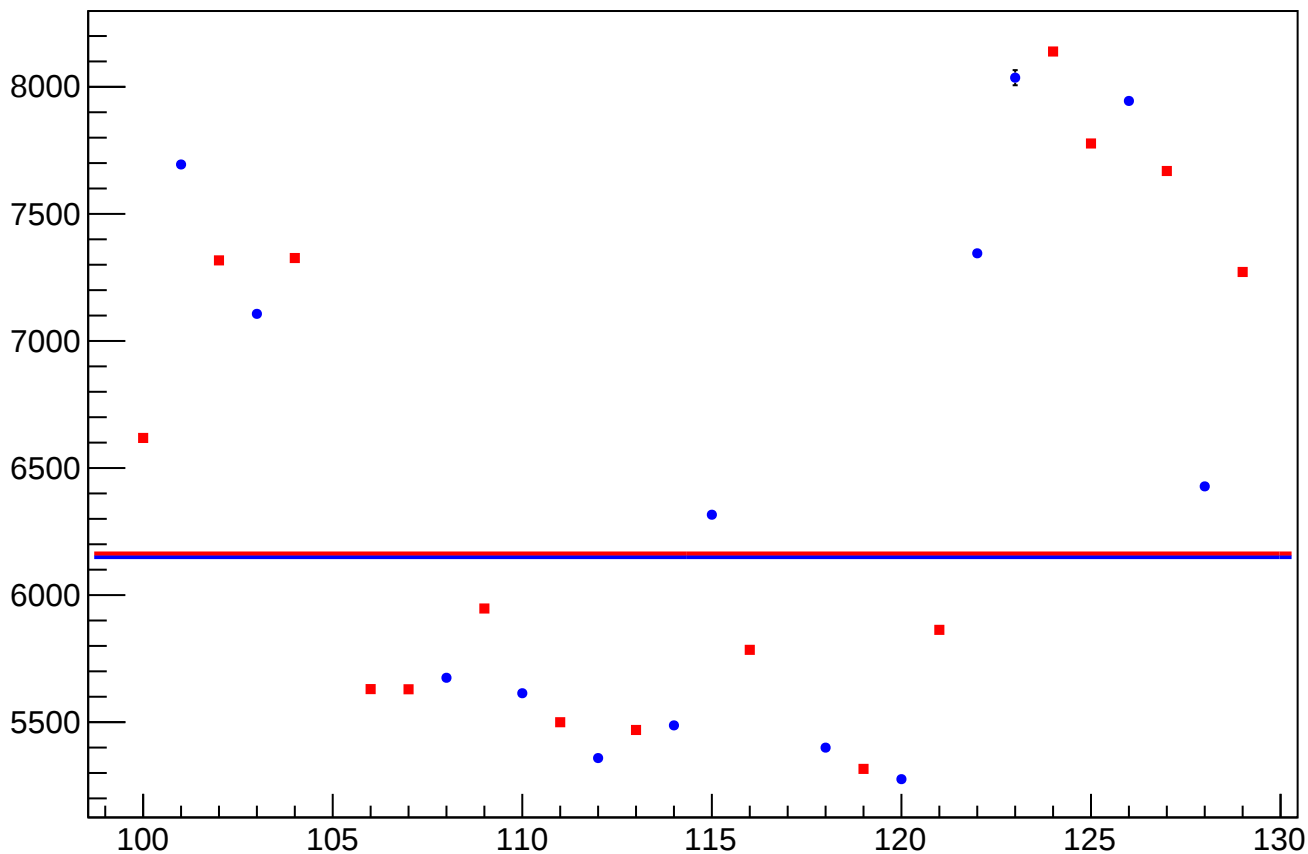
Right: 9.870+/-1.932 χ^2/NDF : 71.2/27

In: 15.216+/-2.854 χ^2/NDF : 38.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.870+/-1.932 χ^2/NDF : 71.2/27

diff_bpm0l06X_rms vs Slug, Sign Corrected



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

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

Right Out: 6163.734+/-1.856 χ^2/NDF : 220522.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

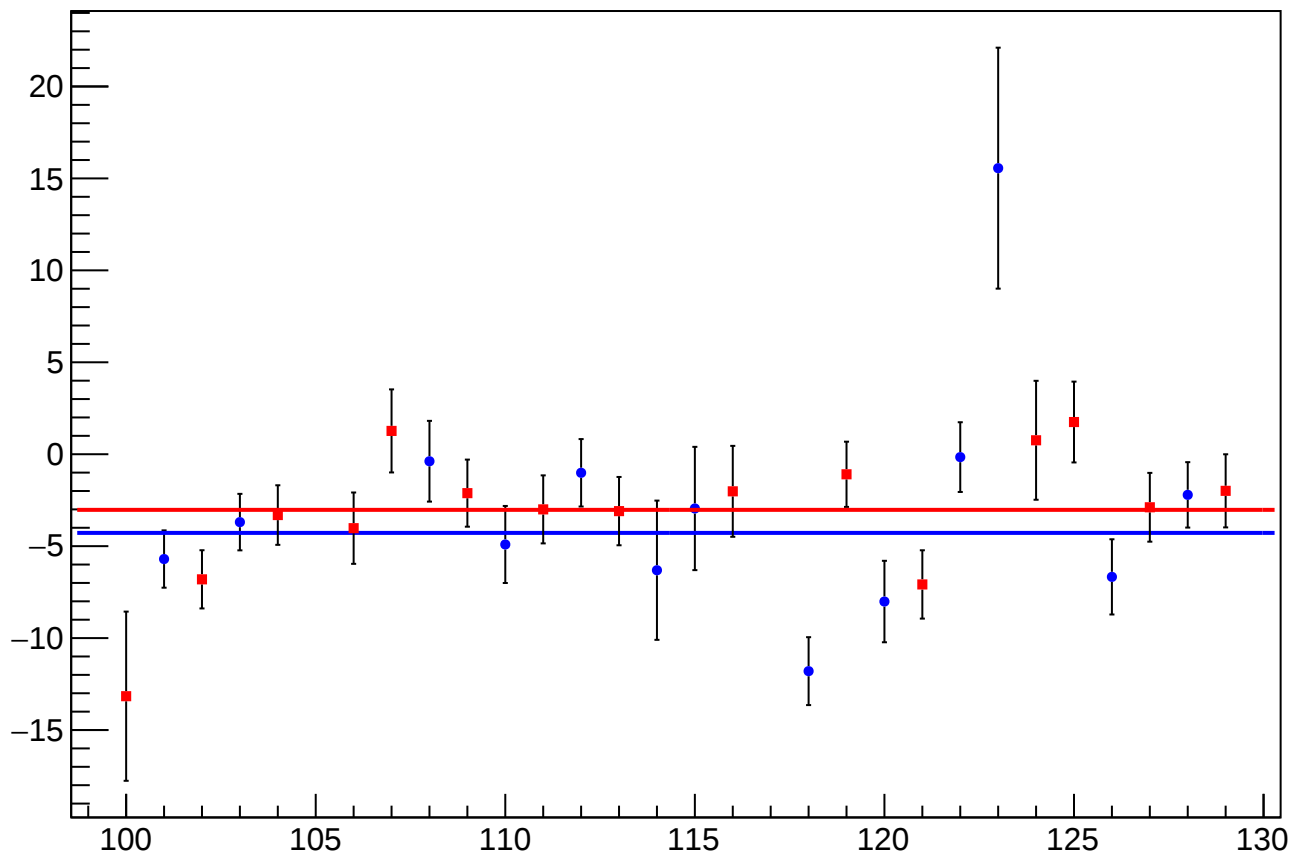
Right: 6157.207+/-1.366 χ^2/NDF : 427523.4/27

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6157.207+/-1.366 χ^2/NDF : 427523.4/27

diff_bpm0l06Y_mean vs Slug, Sign Corrected



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

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

Right Out: -3.026+/-0.514 χ^2/NDF : 27.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

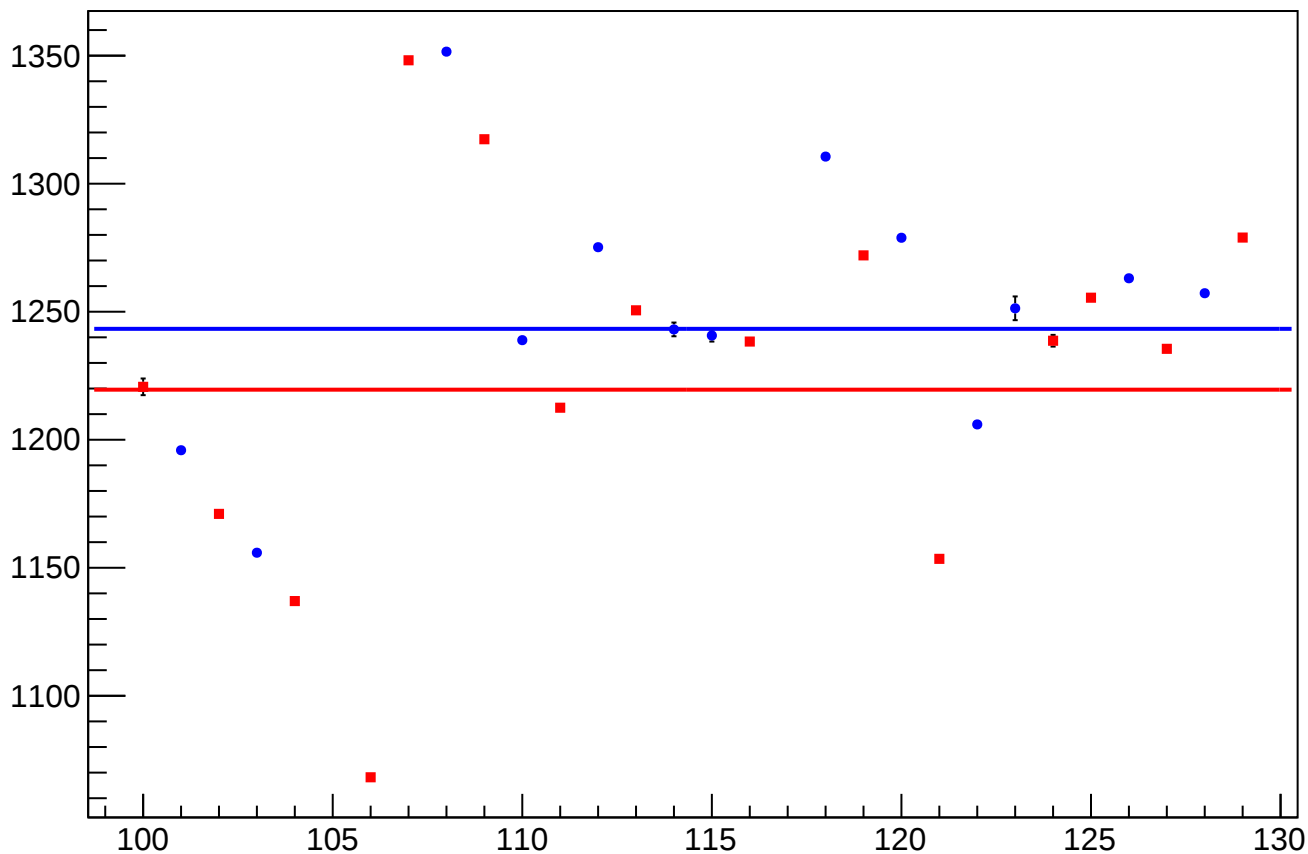
Right: -3.588+/-0.382 χ^2/NDF : 73.7/27

In: -4.279+/-0.570 χ^2/NDF : 43.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.588+/-0.382 χ^2/NDF : 73.7/27

diff_bpm0l06Y_rms vs Slug, Sign Corrected



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

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

Right Out: 1219.554+/-0.364 χ^2/NDF : 38997.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

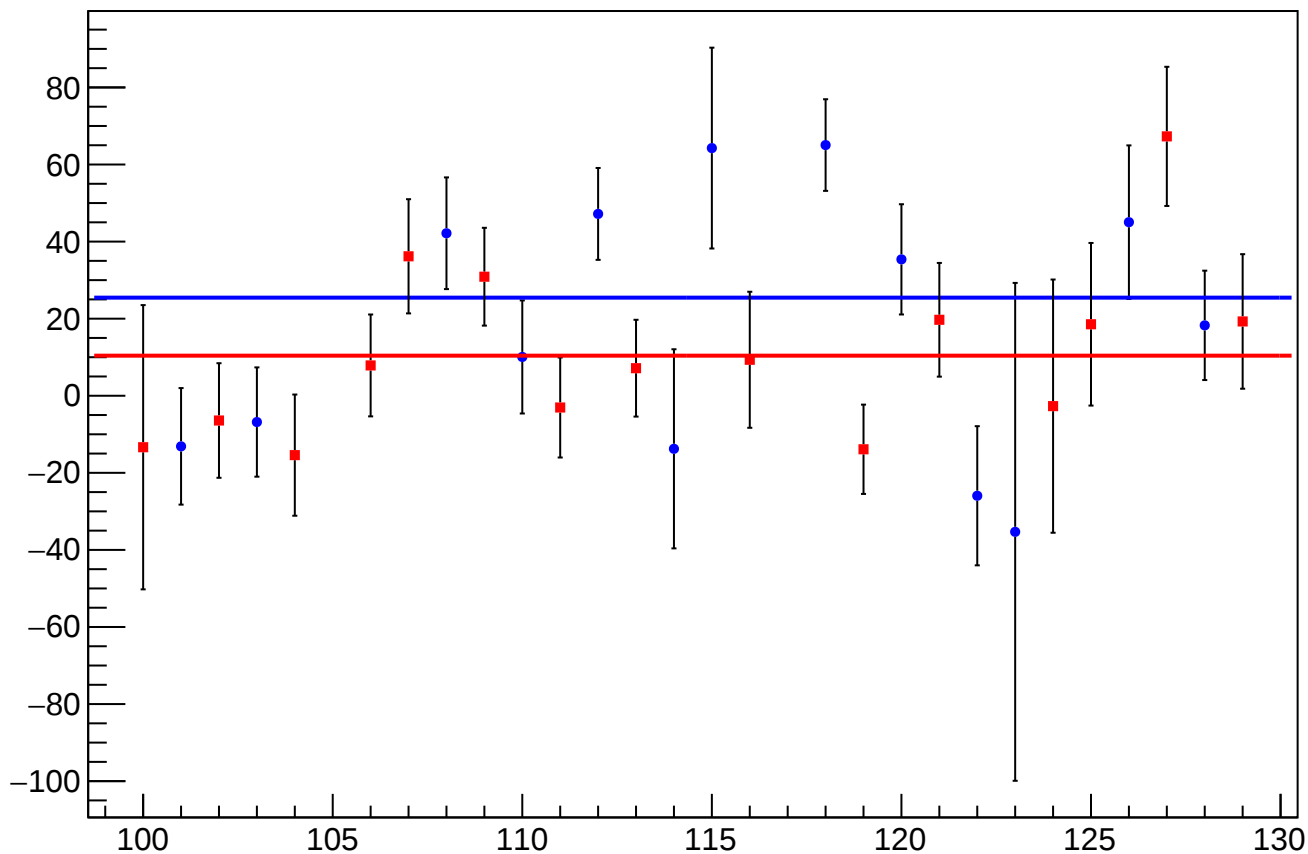
Right: 1230.216+/-0.270 χ^2/NDF : 58977.5/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1230.216+/-0.270 χ^2/NDF : 58977.5/27

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: 25.458+/-4.406 χ^2/NDF : 43.8/12

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

Right Out: 10.401+/-3.989 χ^2/NDF : 26.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

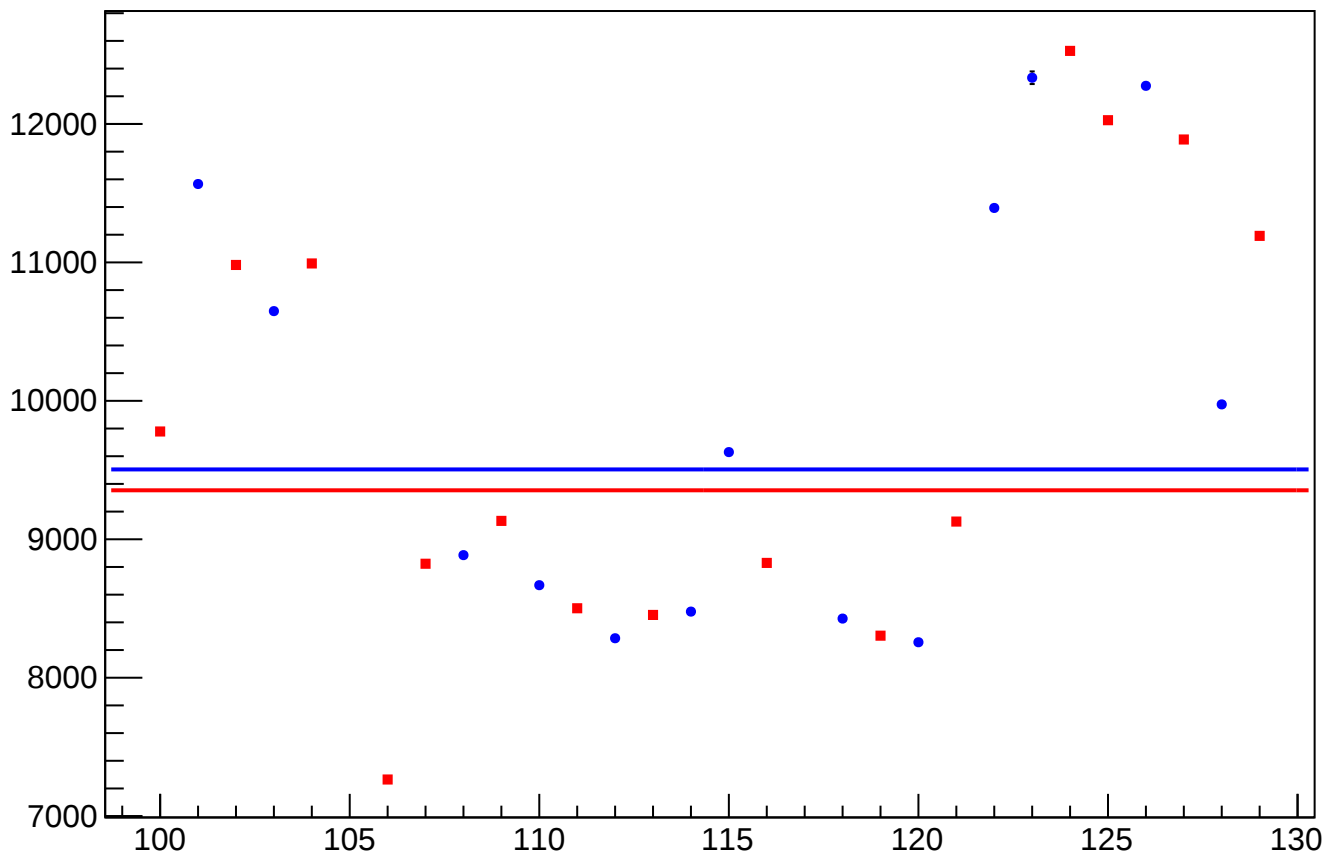
Right: 17.184+/-2.957 χ^2/NDF : 76.7/27

In: 25.458+/-4.406 χ^2/NDF : 43.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.184+/-2.957 χ^2/NDF : 76.7/27

diff_bpm0l07X_rms vs Slug, Sign Corrected



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

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

Right Out: 9353.810+/-2.821 χ^2/NDF : 249004.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

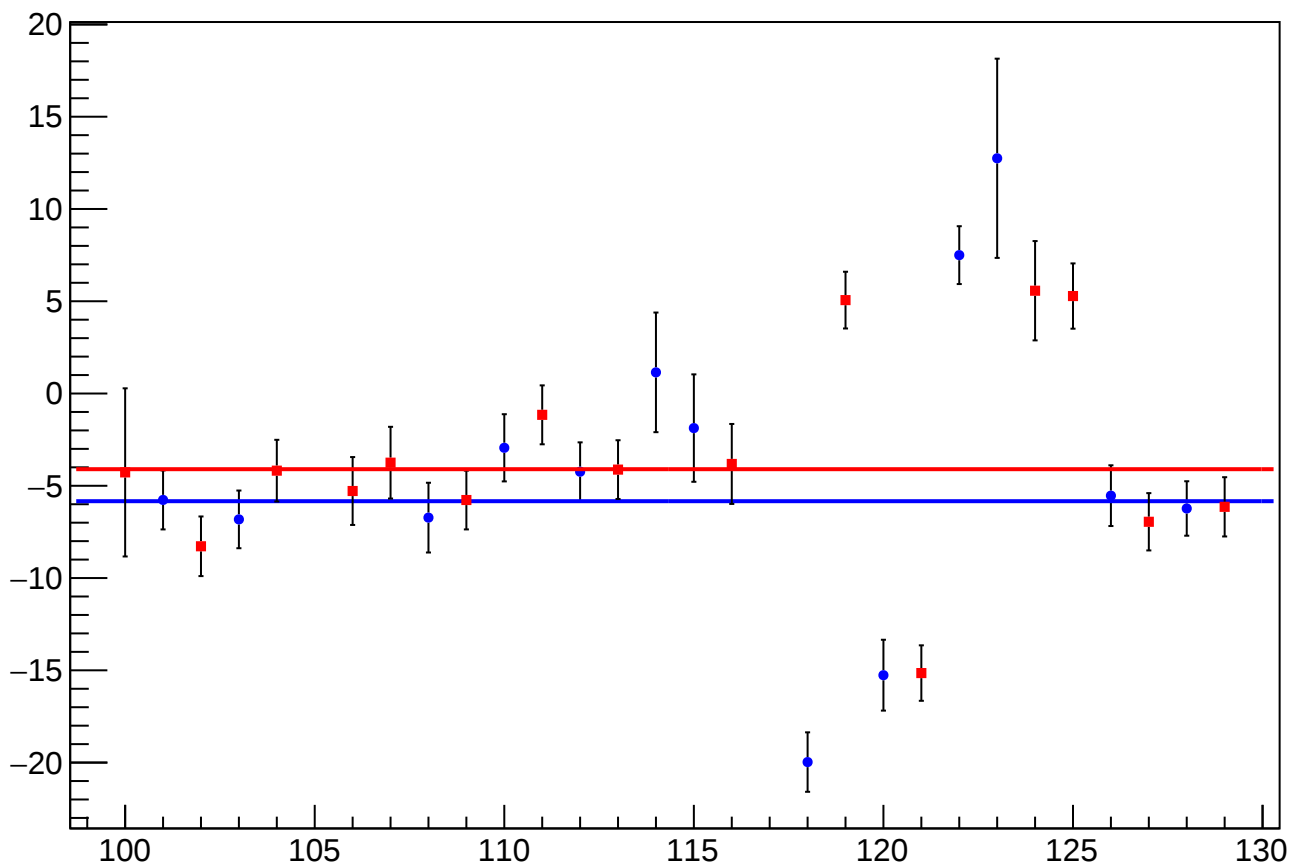
Right: 9421.736+/-2.091 χ^2/NDF : 433034.7/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9421.736+/-2.091 χ^2/NDF : 433034.7/27

diff_bpm0l07Y_mean vs Slug, Sign Corrected



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

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

Right Out: -4.101+/-0.453 χ^2/NDF : 147.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

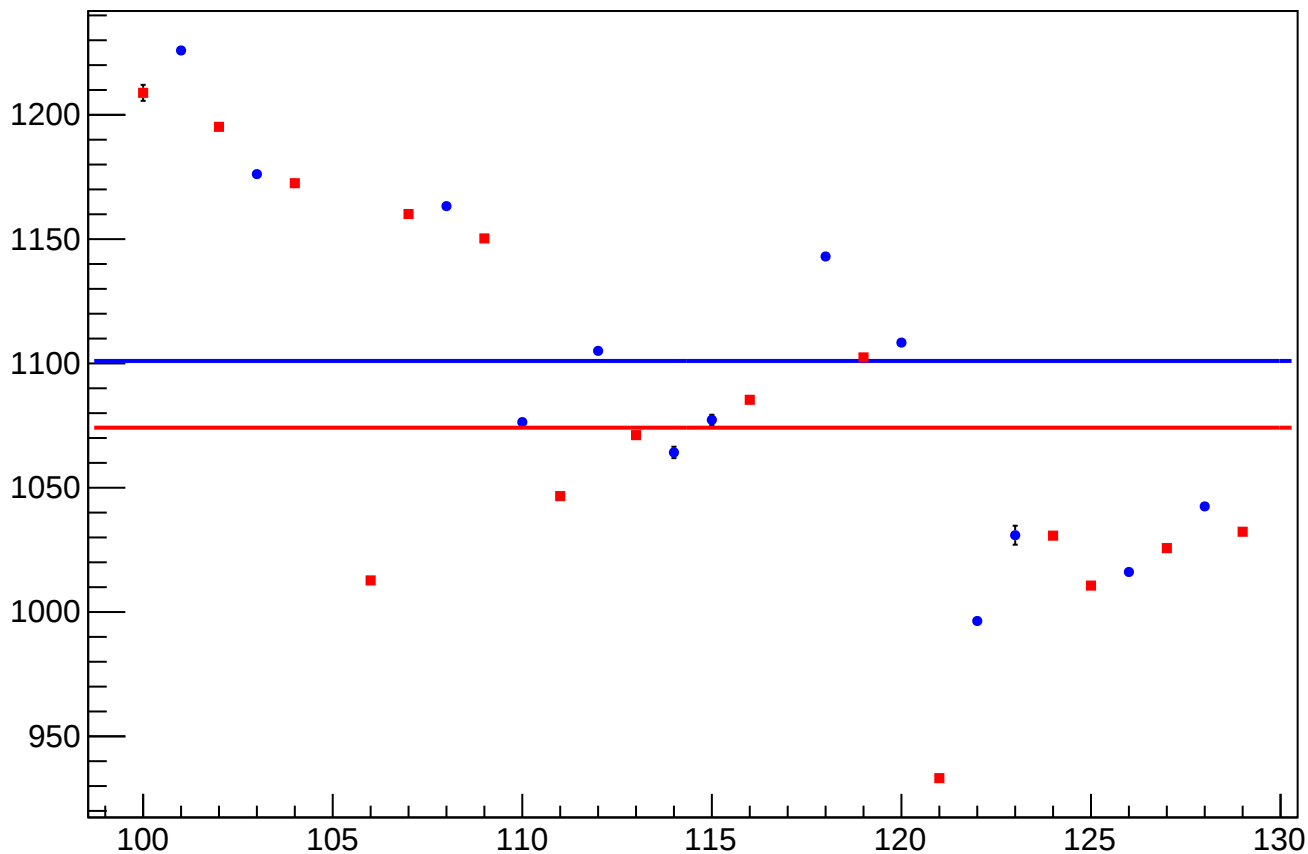
Right: -4.874+/-0.337 χ^2/NDF : 349.9/27

In: -5.835+/-0.505 χ^2/NDF : 196.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.874+/-0.337 χ^2/NDF : 349.9/27

diff_bpm0l07Y_rms vs Slug, Sign Corrected



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

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

Right Out: 1074.159+/-0.320 χ^2/NDF : 55946.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

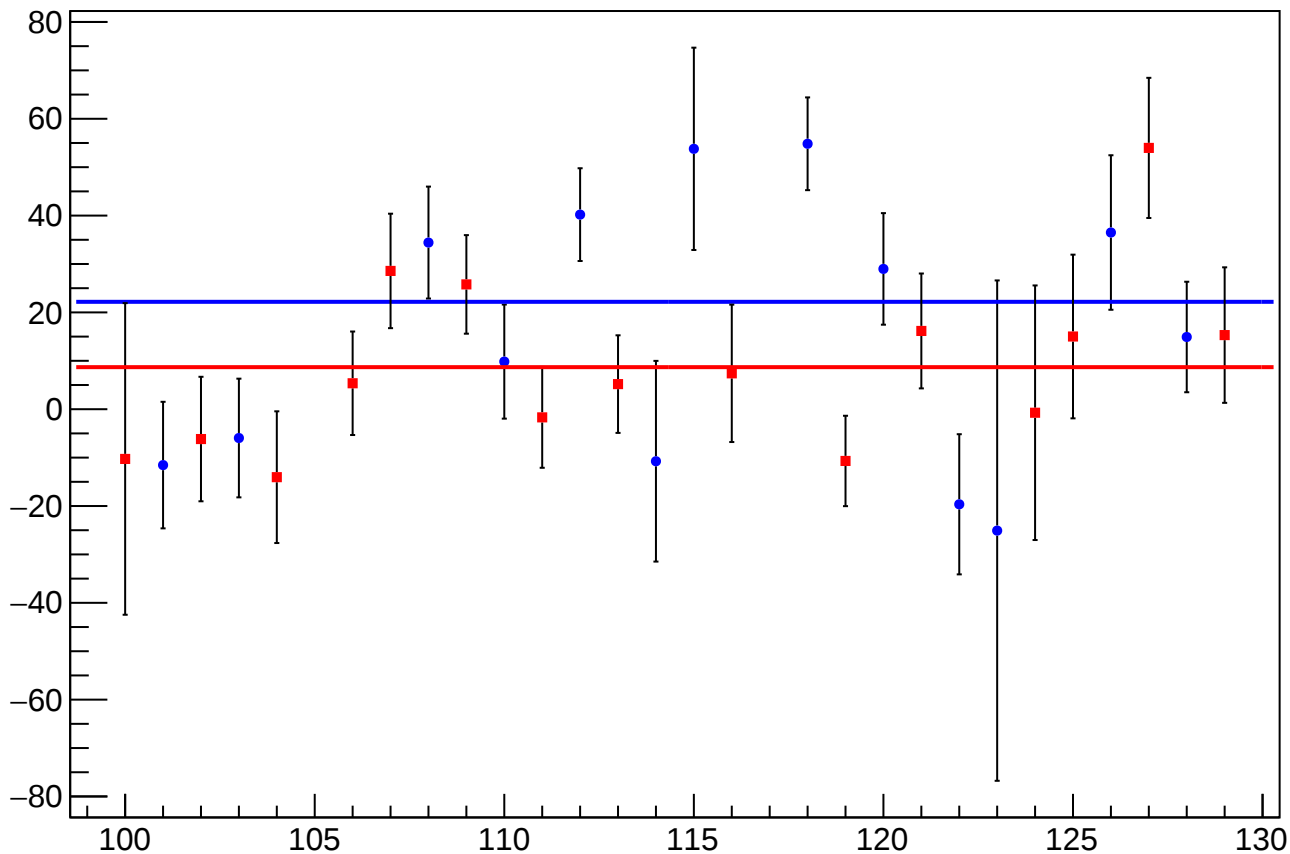
Right: 1086.127+/-0.239 χ^2/NDF : 97965.1/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1086.127+/-0.239 χ^2/NDF : 97965.1/27

diff_bpm0l08X_mean vs Slug, Sign Corrected



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

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

Right Out: 8.688+/-3.238 χ^2/NDF : 26.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

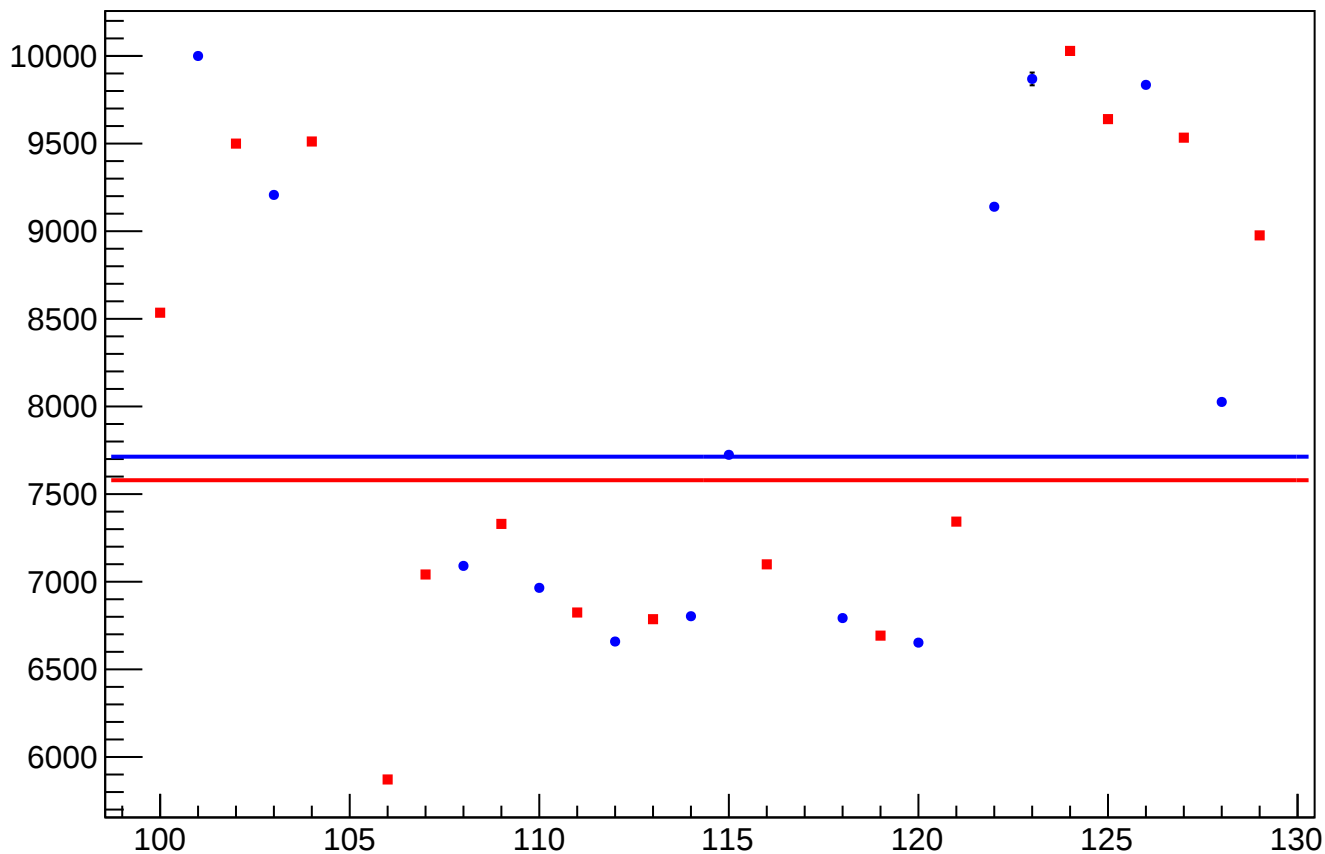
Right: 14.755+/-2.403 χ^2/NDF : 79.0/27

In: 22.186+/-3.584 χ^2/NDF : 44.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.755+/-2.403 χ^2/NDF : 79.0/27

diff_bpm0l08X_rms vs Slug, Sign Corrected



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

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

Right Out: 7579.190+/-2.290 χ^2/NDF : 290506.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

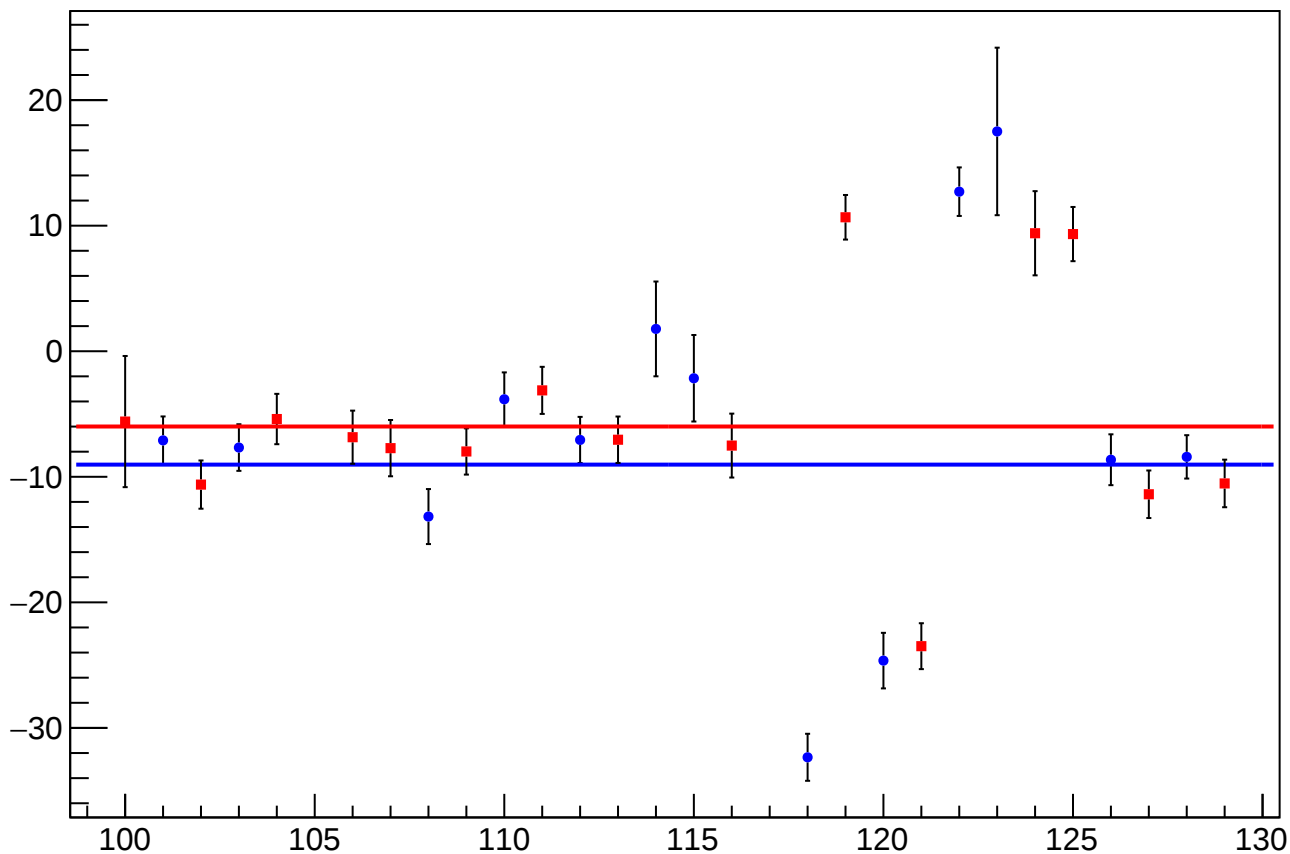
Right: 7639.564+/-1.699 χ^2/NDF : 520019.5/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7639.564+/-1.699 χ^2/NDF : 520019.5/27

diff_bpm0l08Y_mean vs Slug, Sign Corrected



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

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

Right Out: -5.995+/-0.536 χ^2/NDF : 275.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

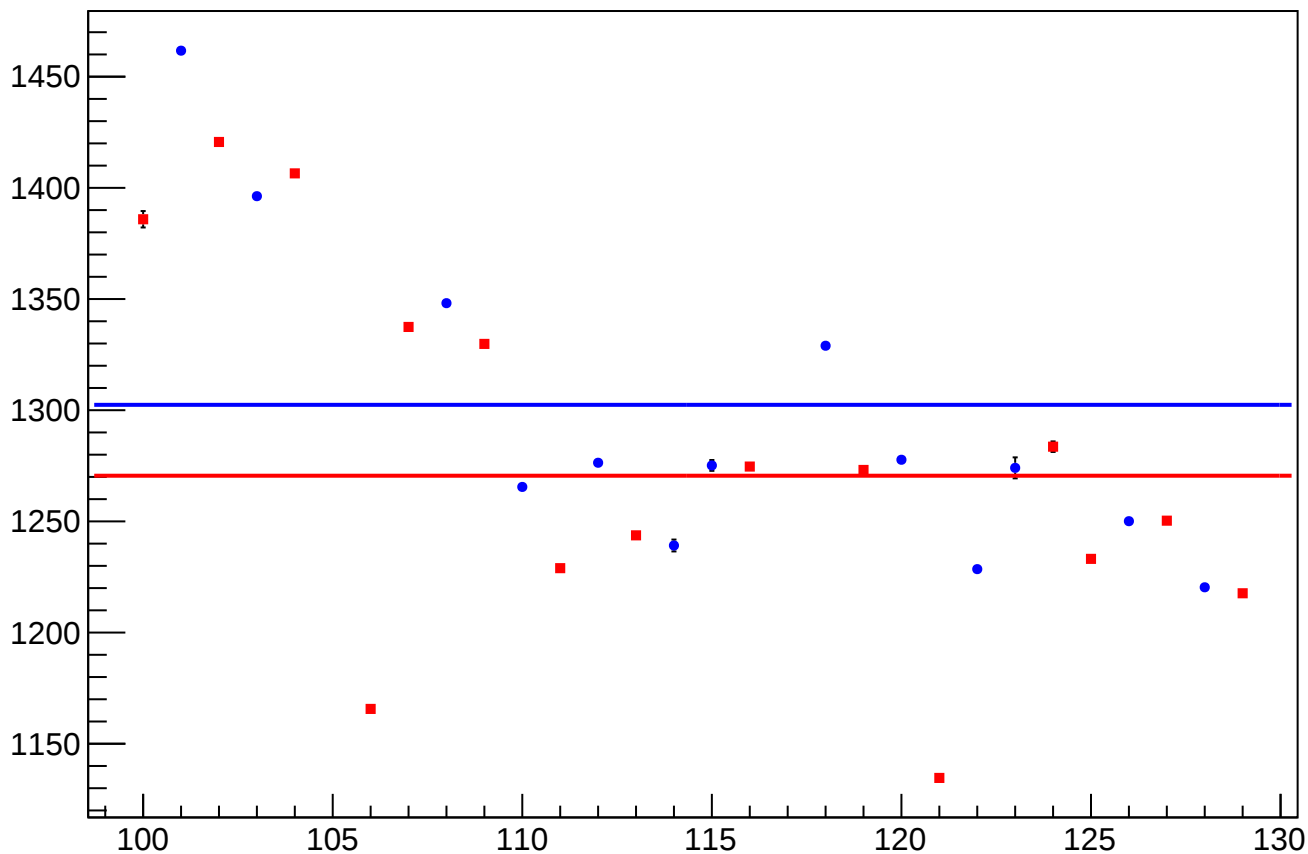
Right: -7.348+/-0.399 χ^2/NDF : 661.8/27

In: -9.030+/-0.597 χ^2/NDF :371.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -7.348+/-0.399 χ^2/NDF : 661.8/27

diff_bpm0l08Y_rms vs Slug, Sign Corrected



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

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

Right Out: 1270.540+/-0.379 χ^2/NDF : 46050.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

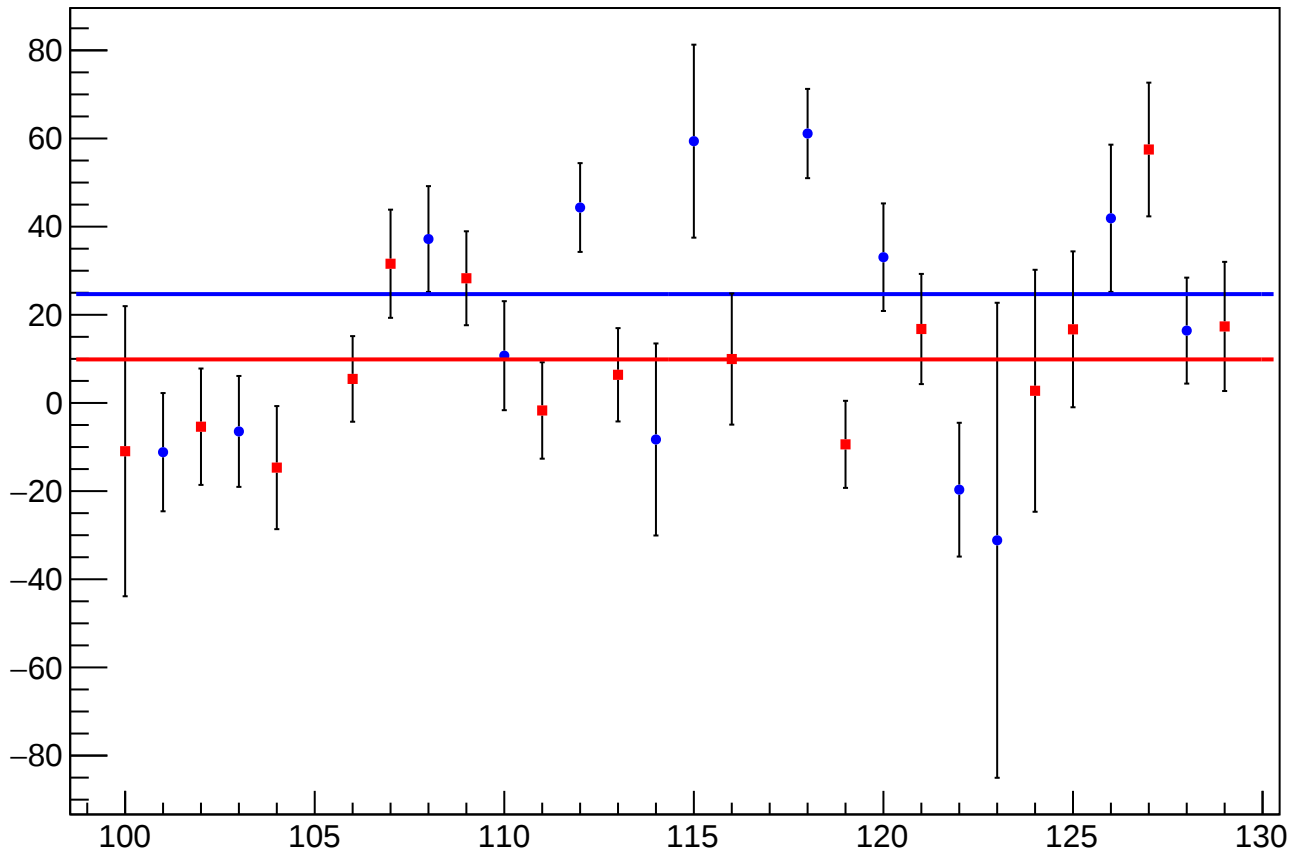
Right: 1284.753+/-0.282 χ^2/NDF : 80318.3/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1284.753+/-0.282 χ^2/NDF : 80318.3/27

diff_bpm0l09X_mean vs Slug, Sign Corrected



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

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

Right Out: 9.879+/-3.337 χ^2/NDF : 26.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

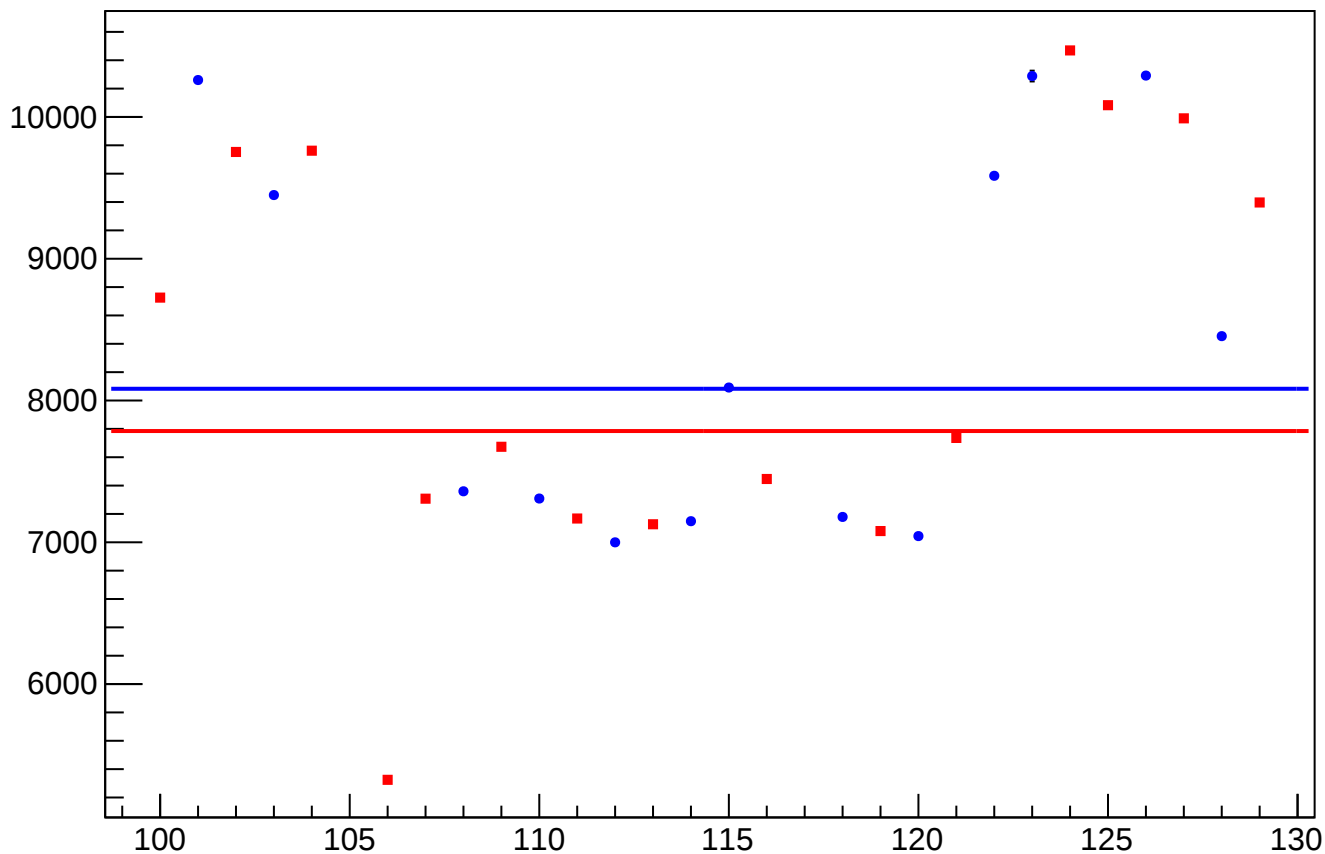
Right: 16.423+/-2.493 χ^2/NDF : 84.4/27

In: 24.694+/-3.751 χ^2/NDF : 48.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.423+/-2.493 χ^2/NDF : 84.4/27

diff_bpm0l09X_rms vs Slug, Sign Corrected



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

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

Right Out: 7784.720+/-2.359 χ^2/NDF : 362518.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

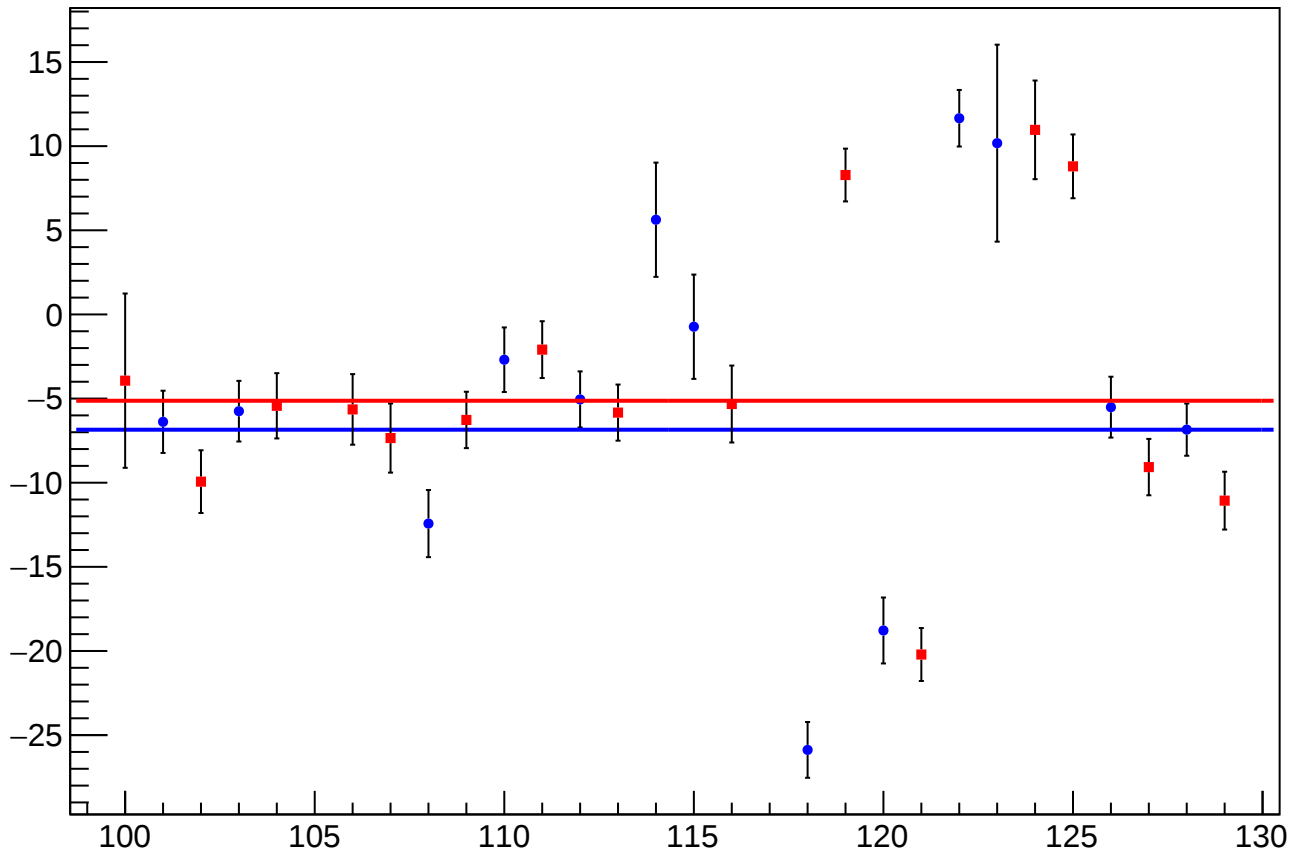
Right: 7916.426+/-1.763 χ^2/NDF : 578078.8/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7916.426+/-1.763 χ^2/NDF : 578078.8/27

diff_bpm0l09Y_mean vs Slug, Sign Corrected



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

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

Right Out: -5.130+/-0.487 χ^2/NDF : 278.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

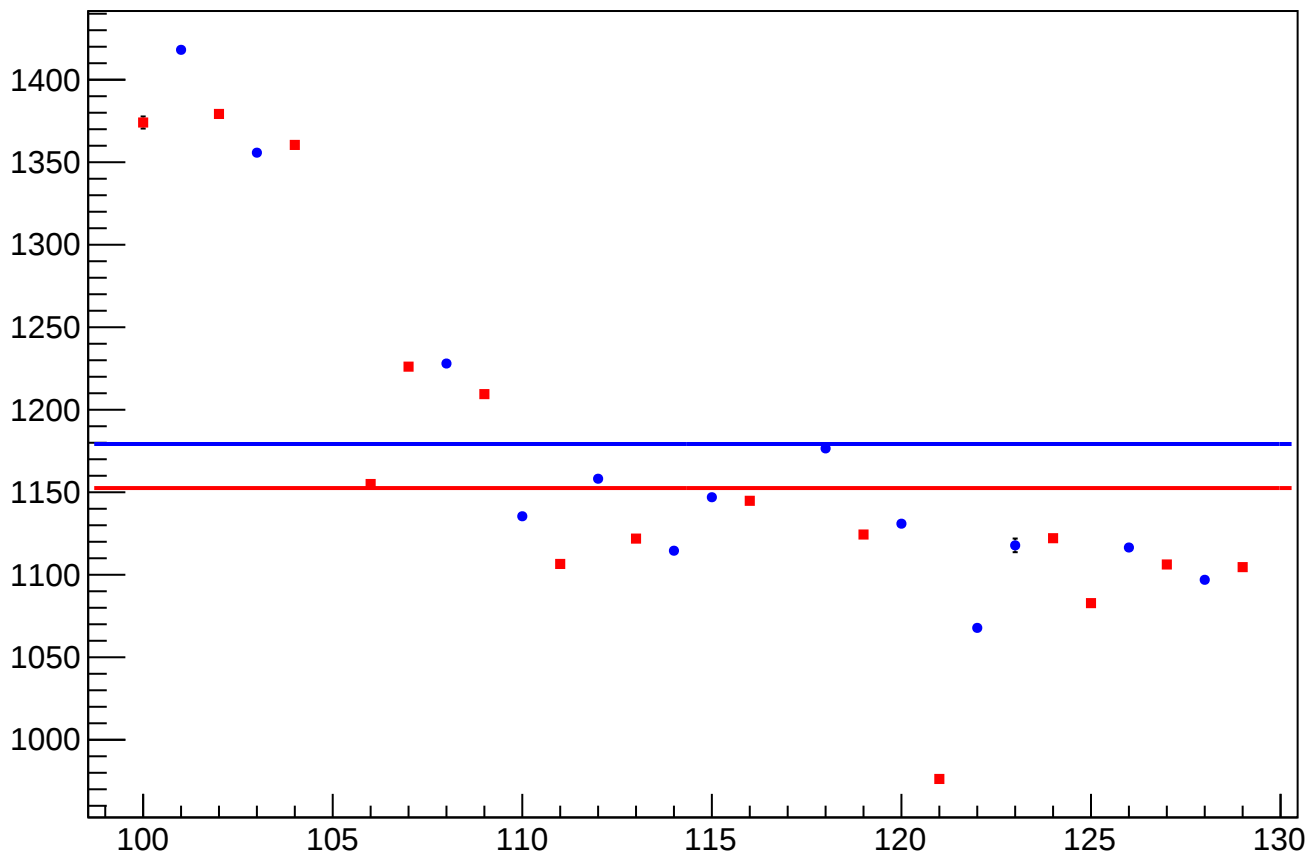
Right: -5.899+/-0.362 χ^2/NDF : 614.8/27

In: -6.851+/-0.542 χ^2/NDF : 330.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.899+/-0.362 χ^2/NDF : 614.8/27

diff_bpm0l09Y_rms vs Slug, Sign Corrected



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

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

Right Out: 1152.549+/-0.344 χ^2/NDF : 95074.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

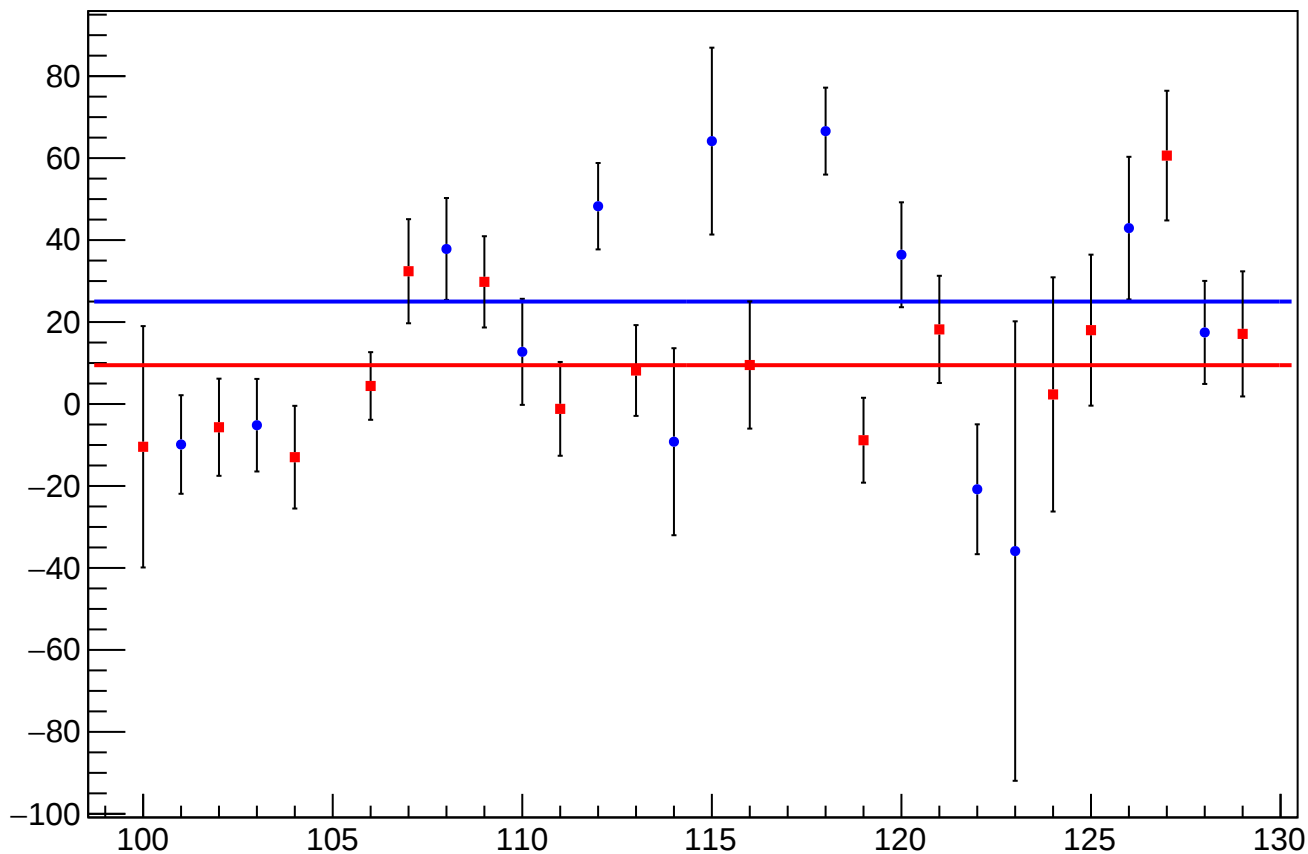
Right: 1164.476+/-0.256 χ^2/NDF : 172117.5/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1164.476+/-0.256 χ^2/NDF : 172117.5/27

diff_bpm0l10X_mean vs Slug, Sign Corrected



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

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

Right Out: 9.473+/-3.312 χ^2/NDF : 27.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

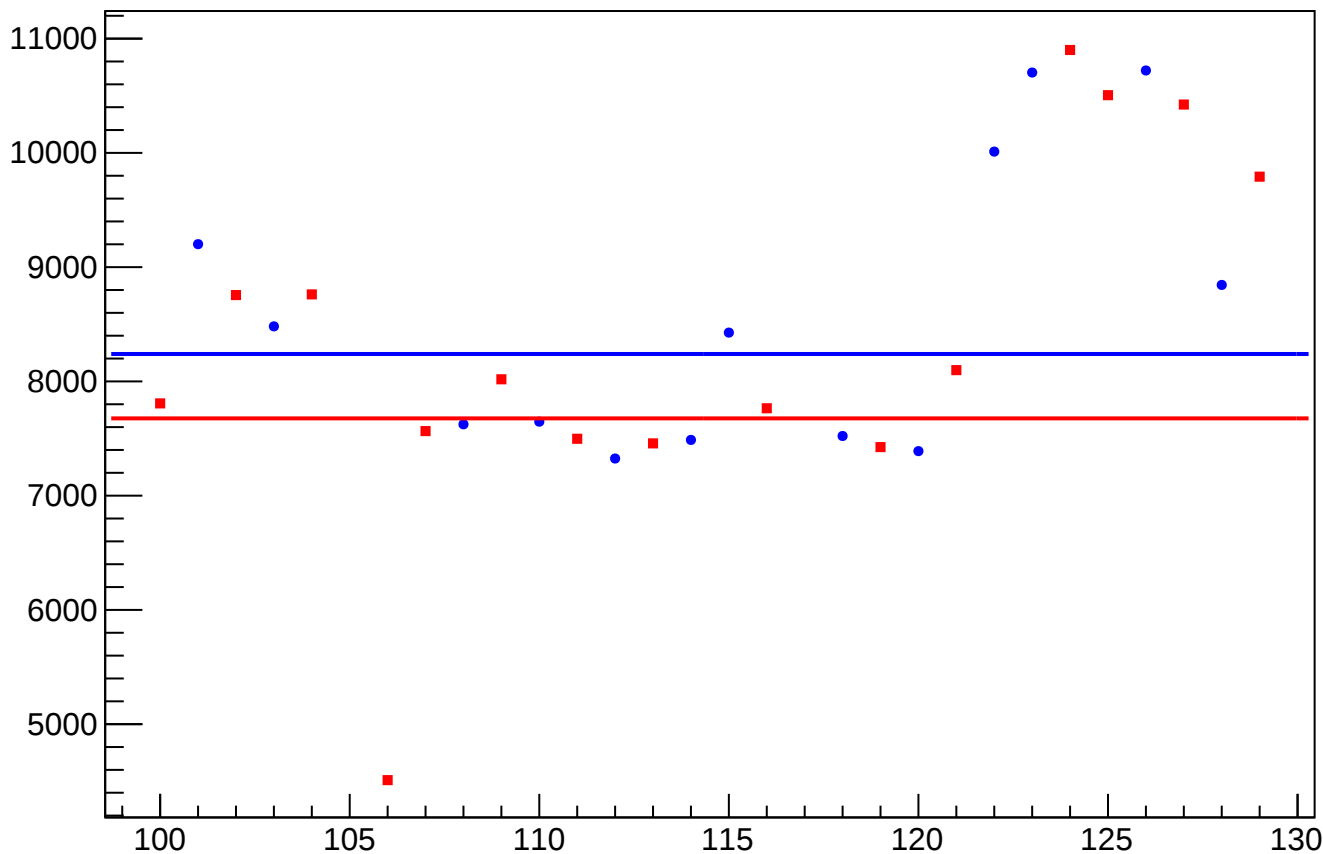
Right: 16.161+/-2.499 χ^2/NDF : 91.9/27

In: 25.001+/-3.808 χ^2/NDF : 54.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.161+/-2.499 χ^2/NDF : 91.9/27

diff_bpm0l10X_rms vs Slug, Sign Corrected



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

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

Right Out: 7676.396+/-2.342 χ^2/NDF : 504007.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

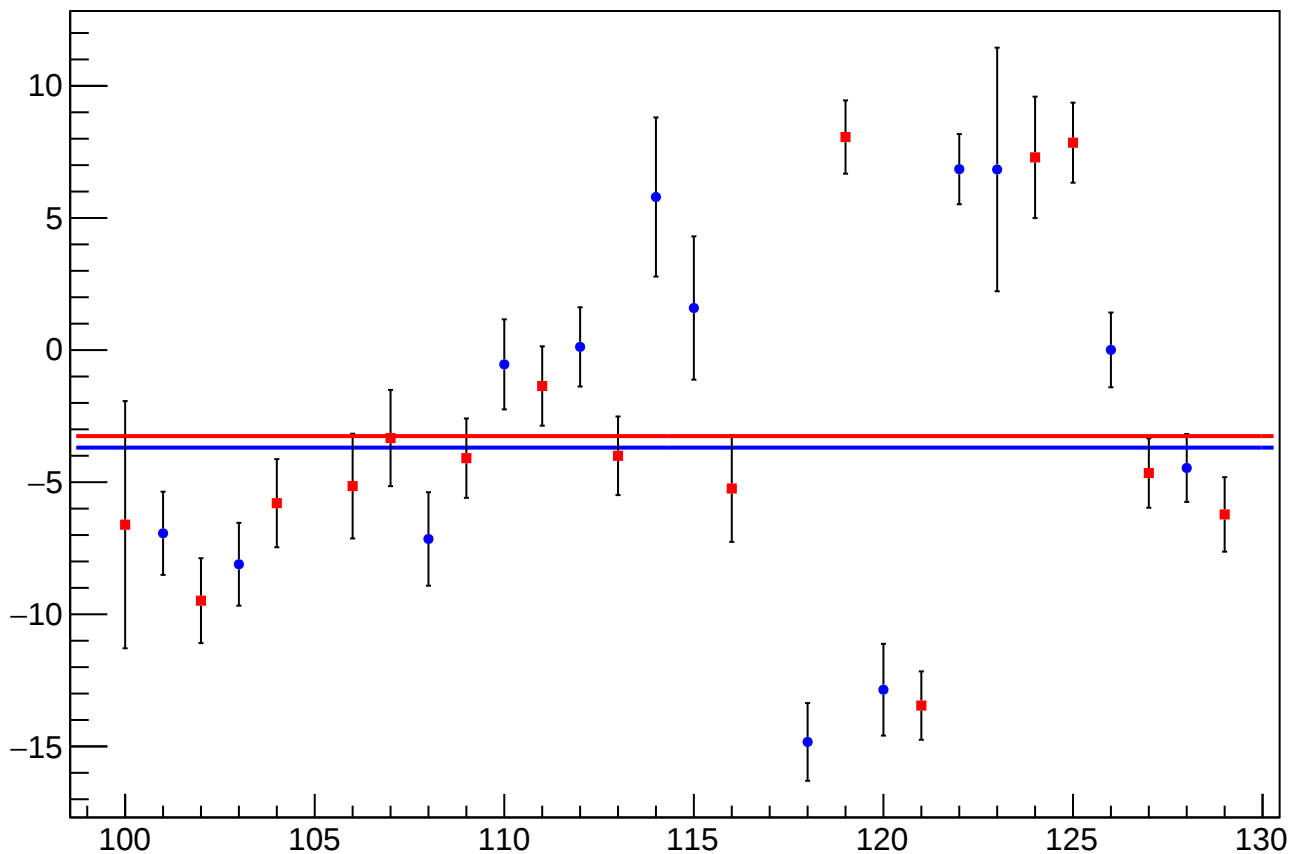
Right: 7919.131+/-1.767 χ^2/NDF : 661249.1/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7919.131+/-1.767 χ^2/NDF : 661249.1/27

diff_bpm0l10Y_mean vs Slug, Sign Corrected



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

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

Right Out: -3.256 ± 0.417 $\chi^2/\text{NDF}: 231.0/14$

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

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

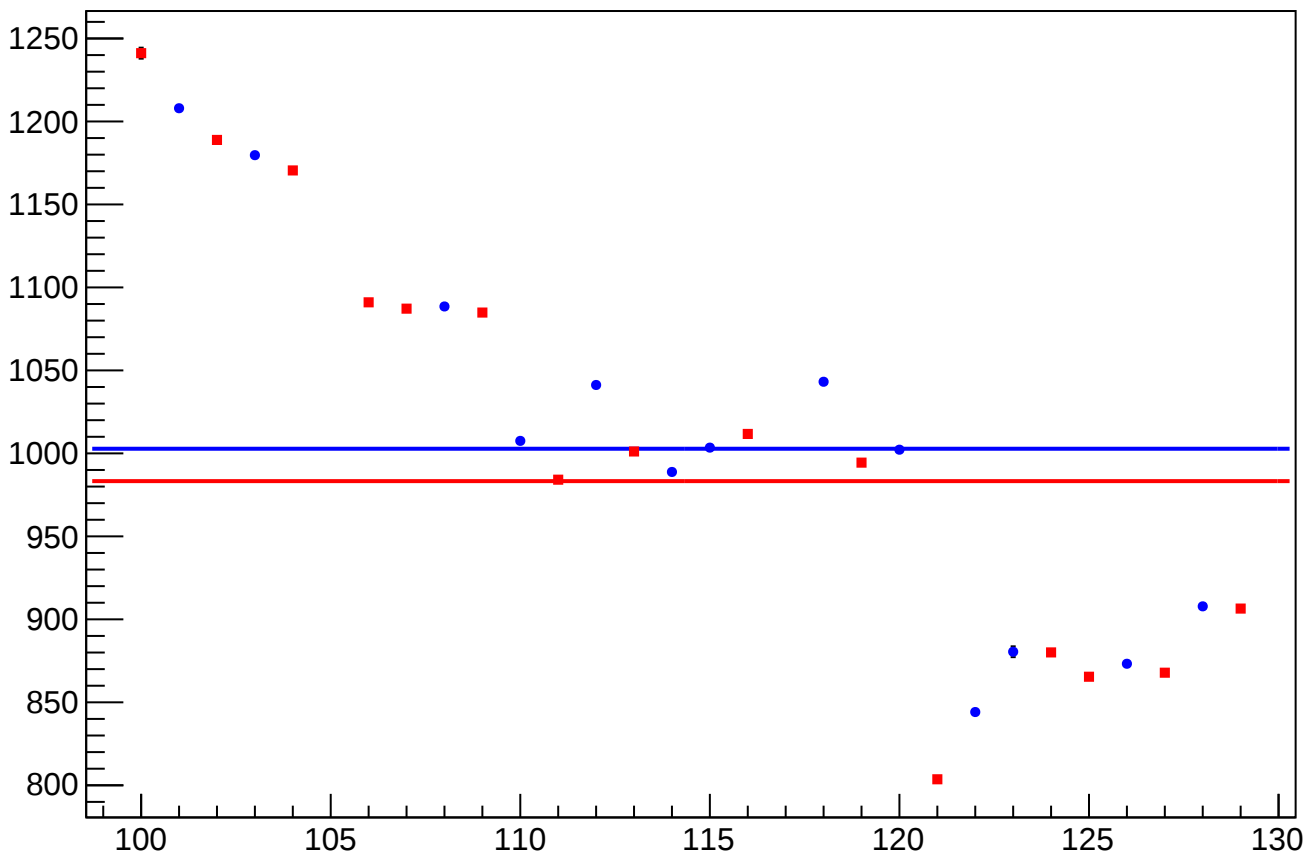
Right: -3.452 ± 0.310 $\chi^2/\text{NDF}: 431.6/27$

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

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

All: -3.452 ± 0.310 $\chi^2/\text{NDF}: 431.6/27$

diff_bpm0l10Y_rms vs Slug, Sign Corrected



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

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

Right Out: 983.280+/-0.295 χ^2/NDF : 162449.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

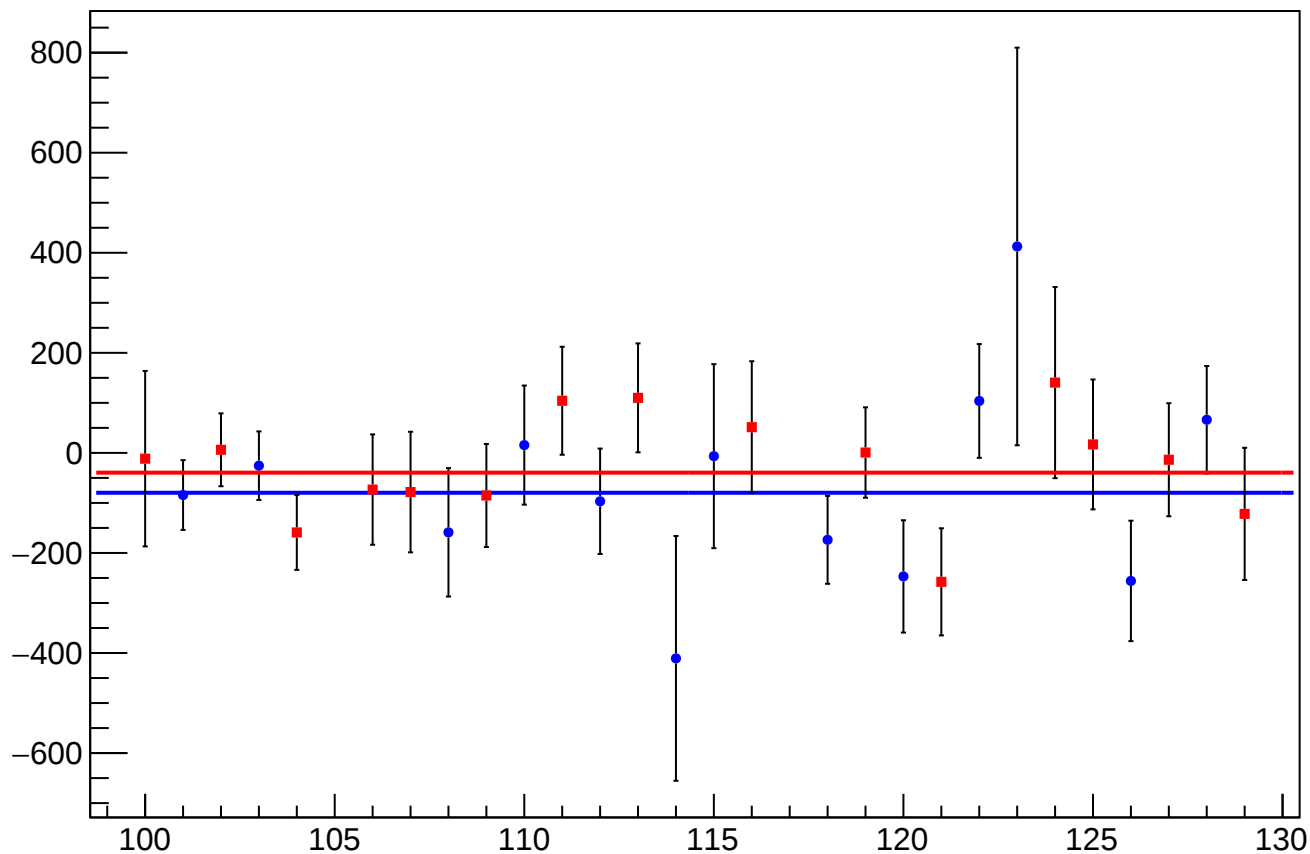
Right: 992.030+/-0.219 χ^2/NDF : 289079.8/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 992.030+/-0.219 χ^2/NDF : 289079.8/27

diff_bpm0r03X_mean vs Slug, Sign Corrected



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

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

Right Out: -39.456 ± 27.680 χ^2/NDF : 13.4/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

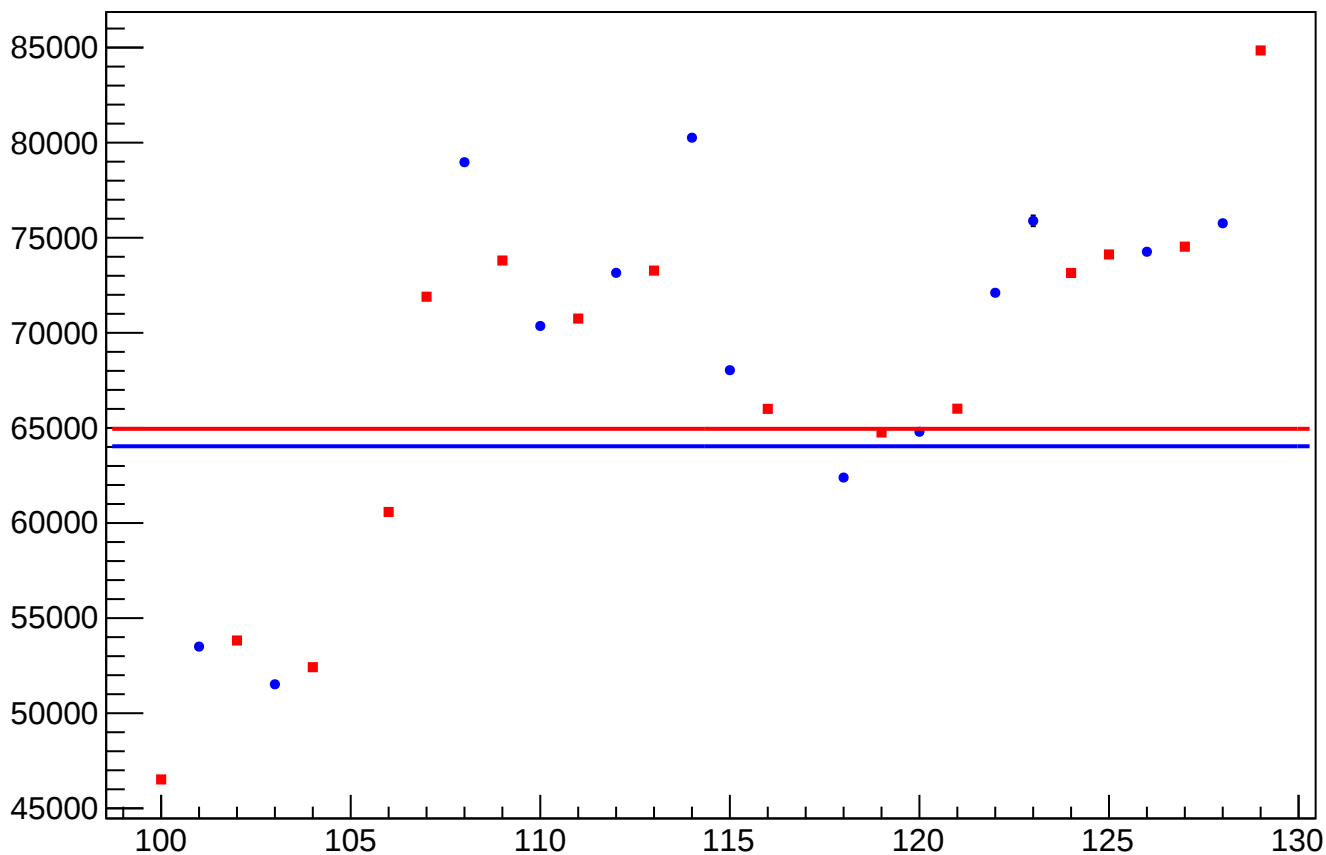
Right: -58.164 ± 20.245 χ^2/NDF : 29.5/27

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

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -58.164 ± 20.245 χ^2/NDF : 29.5/27

diff_bpm0r03X_rms vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

Right: 64527.018+/-14.315 χ^2 /NDF: 462530.6/27

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

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

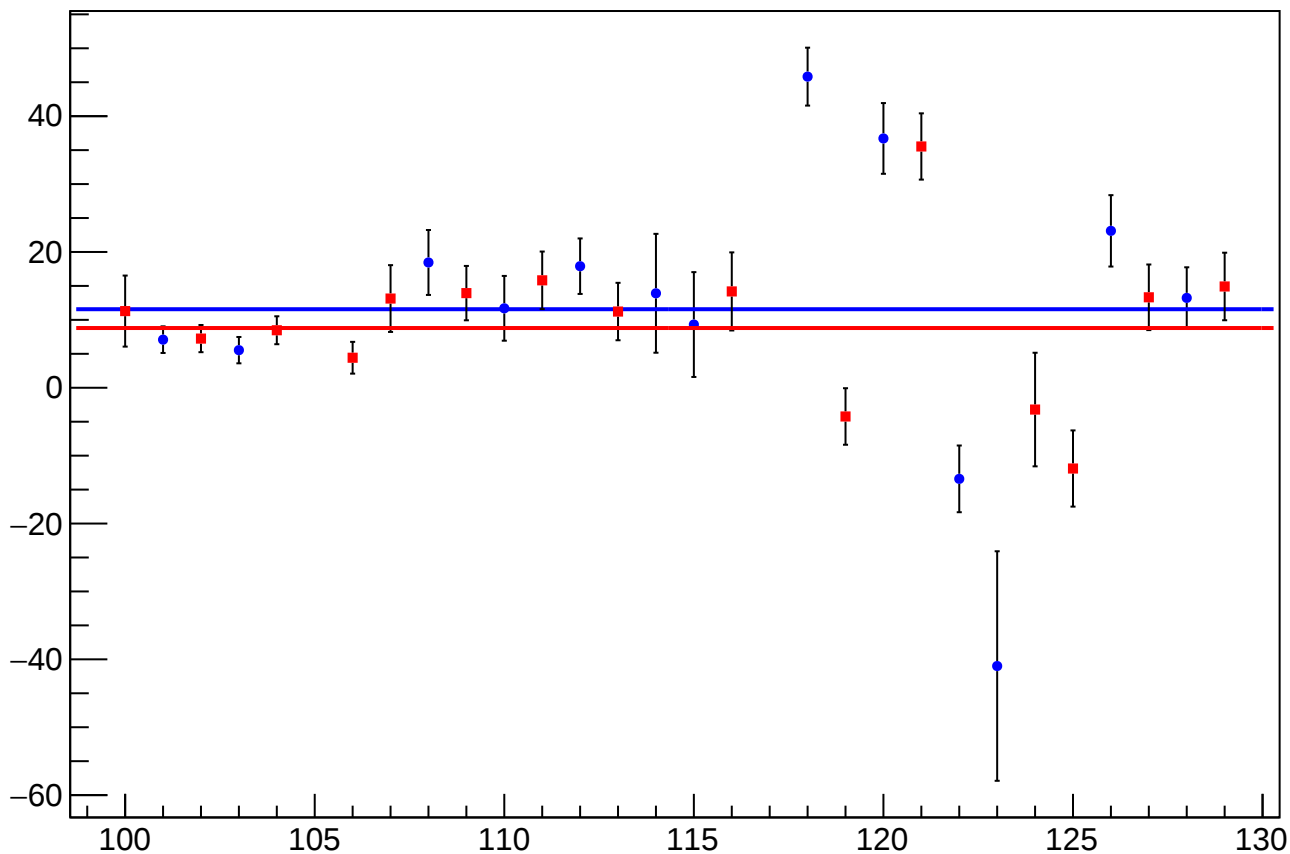
Right Out: 64953.812+/-19.573 χ^2 /NDF: 240721.7/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 64527.018+/-14.315 χ^2 /NDF: 462530.6/27

diff_bpm0r03Y_mean vs Slug, Sign Corrected



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

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

Right Out: 8.798+/-0.921 χ^2/NDF : 68.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

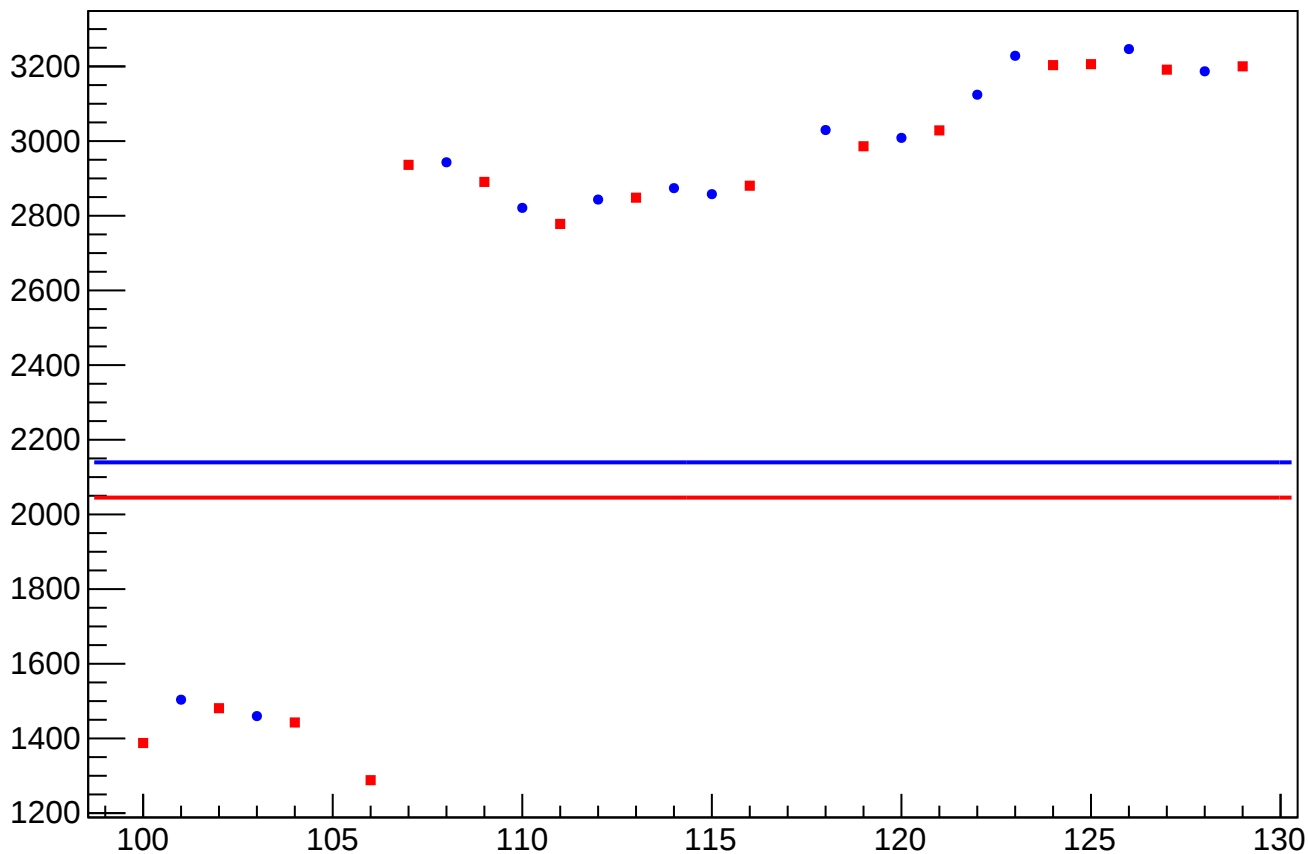
Right: 10.016+/-0.689 χ^2/NDF : 220.4/27

In: 11.568+/-1.040 χ^2/NDF : 147.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.016+/-0.689 χ^2/NDF : 220.4/27

diff_bpm0r03Y_rms vs Slug, Sign Corrected



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

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

Right Out: 2045.056+/-0.651 χ^2/NDF : 1428057.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

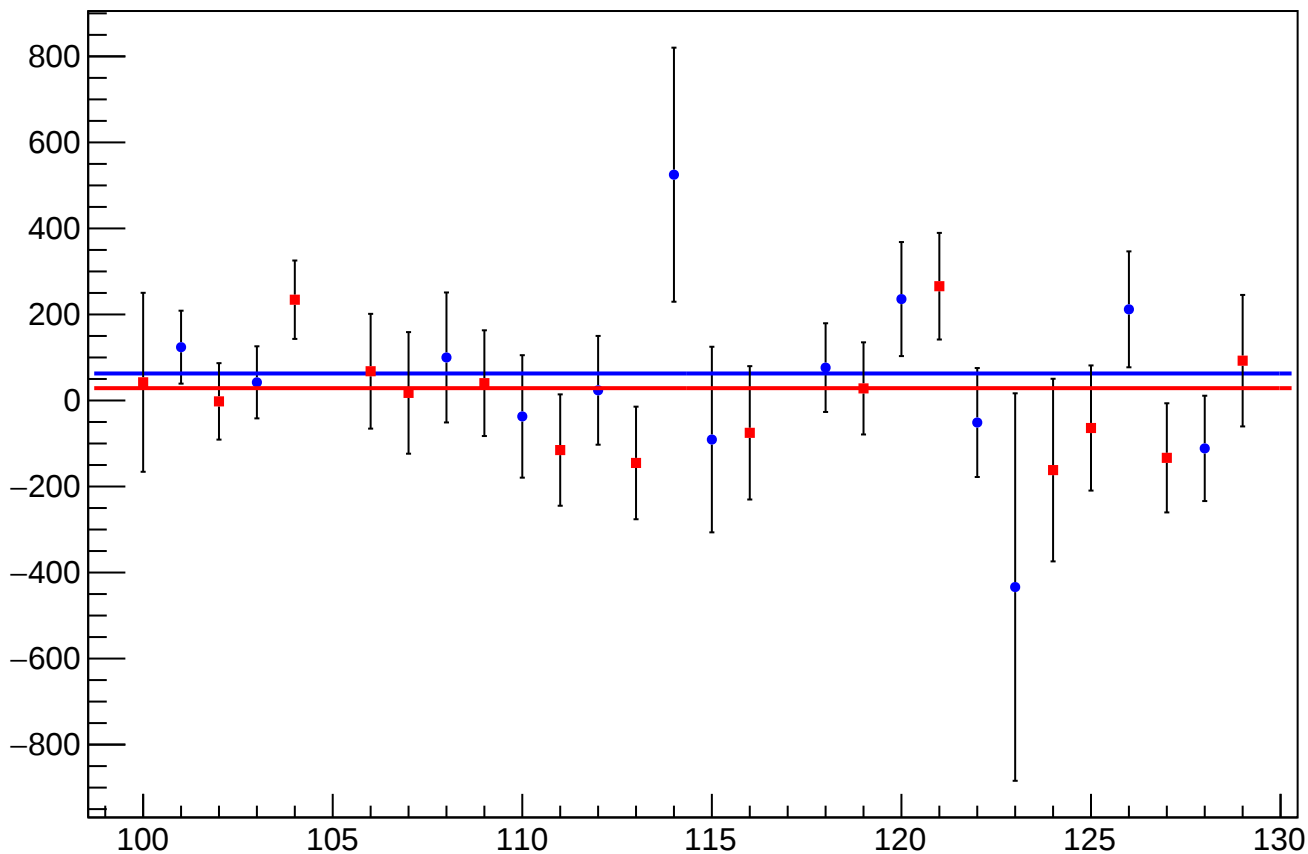
Right: 2086.567+/-0.487 χ^2/NDF : 2509133.1/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2086.567+/-0.487 χ^2/NDF : 2509133.1/27

diff_bpm0r05X_mean vs Slug, Sign Corrected



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

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

Right Out: 28.654+/-32.813 χ^2/NDF : 15.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

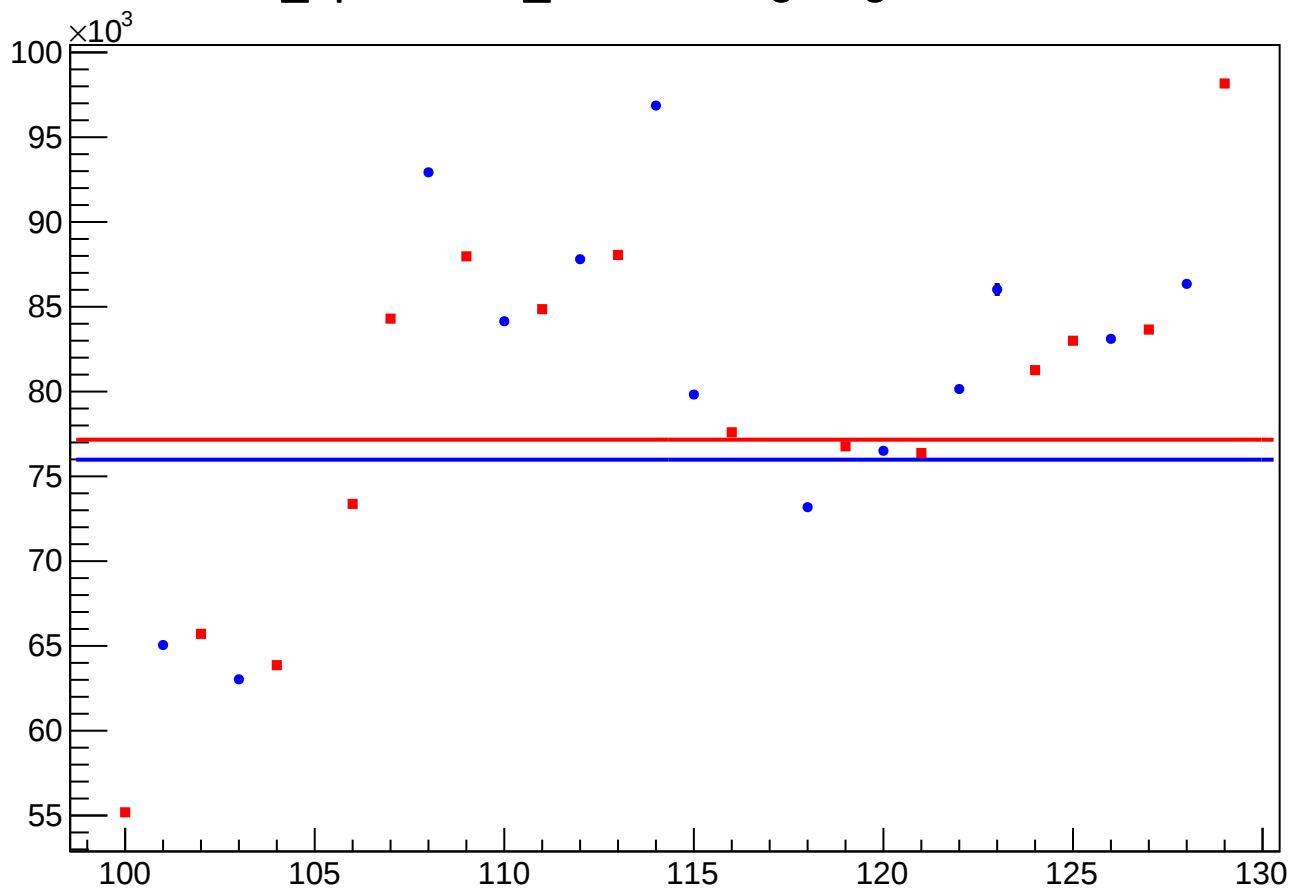
Right: 44.557+/-23.981 χ^2/NDF : 27.1/27

In: 62.788+/-35.133 χ^2/NDF : 11.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

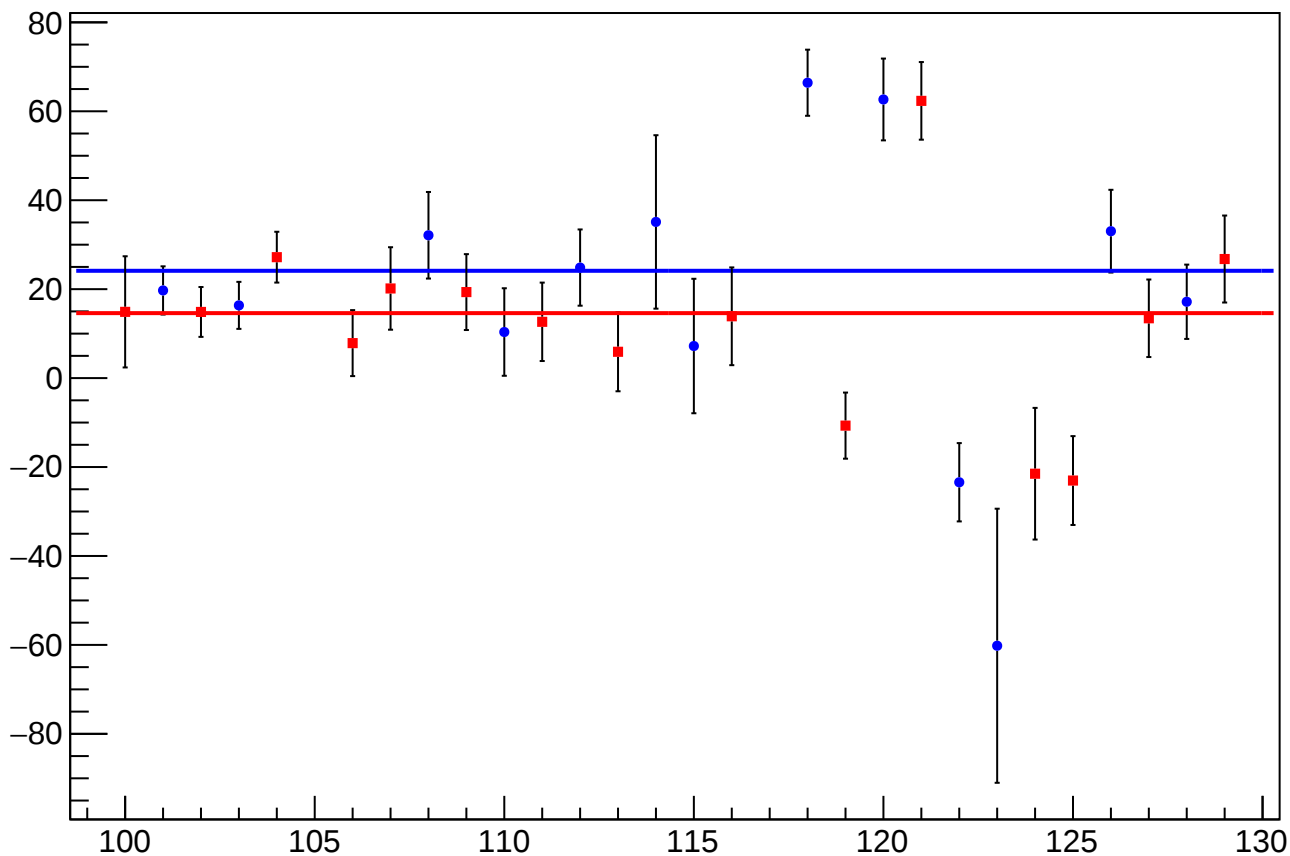
All: 44.557+/-23.981 χ^2/NDF : 27.1/27

diff_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 75984.393 $\pm$ 24.843 χ^2/NDF : 165474.0/12
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: 77161.803 $\pm$ 23.202 χ^2/NDF : 188298.0/14
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right: 76613.260 $\pm$ 16.957 χ^2/NDF : 354971.7/27
 In: 75984.393 $\pm$ 24.843 χ^2/NDF : 165474.0/12
 Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 76613.260 $\pm$ 16.957 χ^2/NDF : 354971.7/27

diff_bpm0r05Y_mean vs Slug, Sign Corrected



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

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

Right Out: 14.610 $\pm$ 2.154 χ^2 /NDF: 70.6/14

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

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

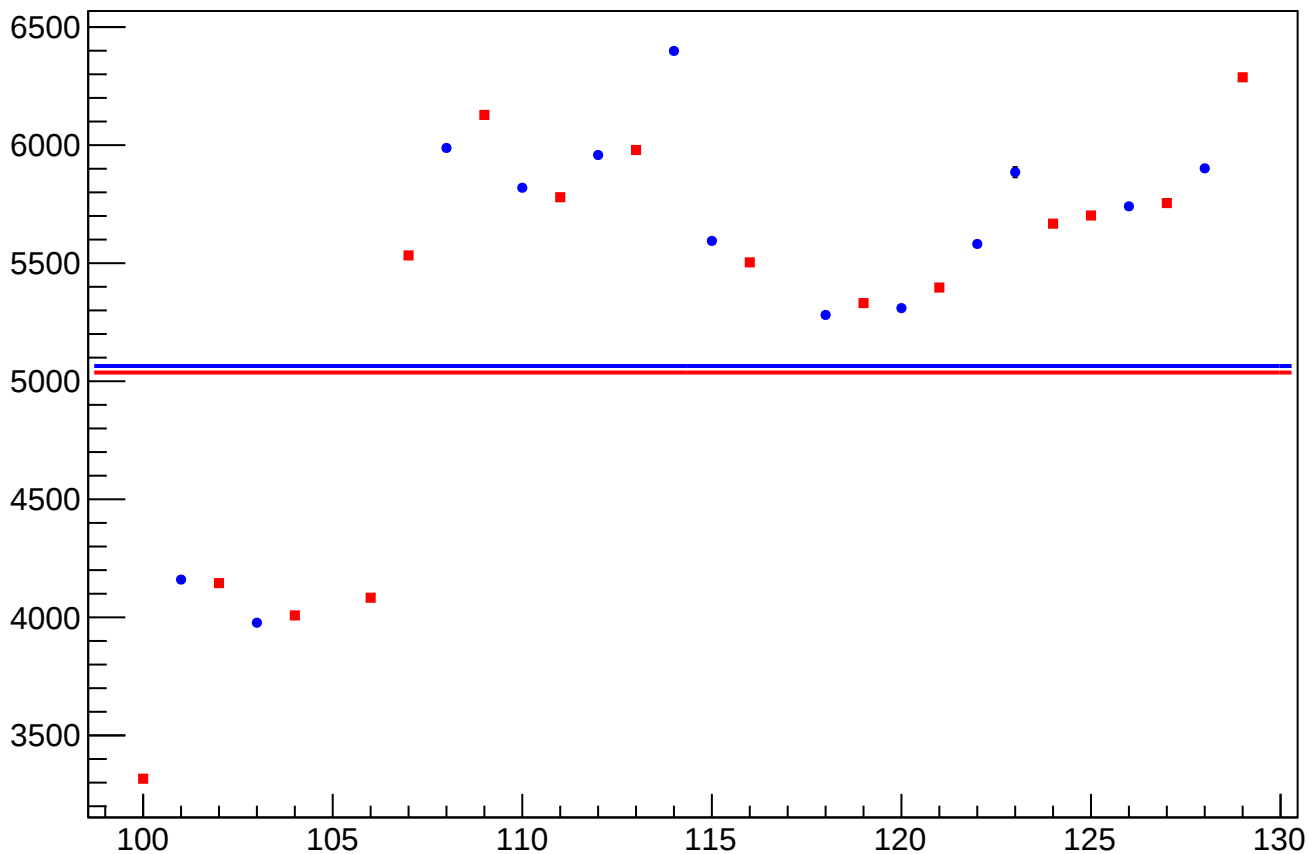
Right: 18.955 $\pm$ 1.588 χ^2 /NDF: 174.7/27

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

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

All: 18.955 $\pm$ 1.588 χ^2 /NDF: 174.7/27

diff_bpm0r05Y_rms vs Slug, Sign Corrected



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

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

Right Out: 5036.880+/-1.523 χ^2/NDF : 330401.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

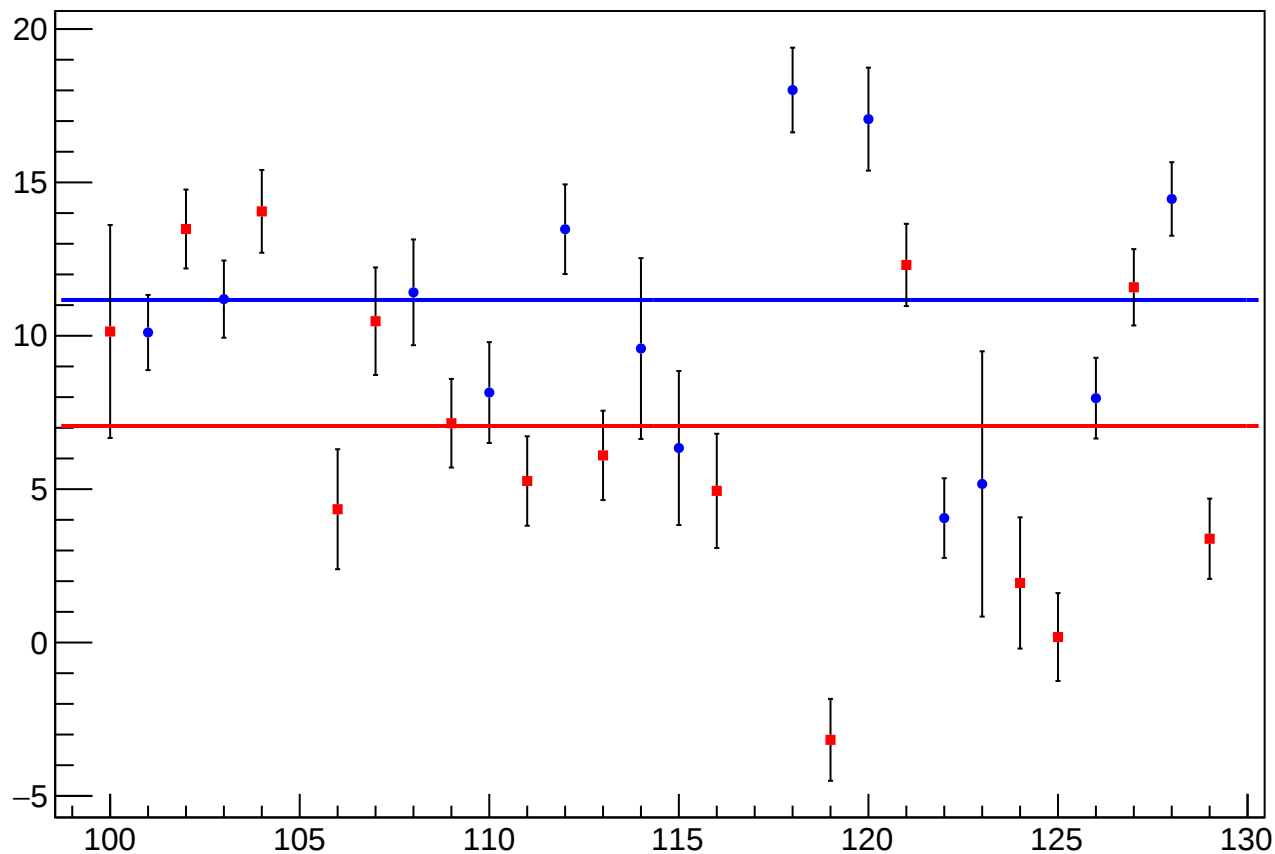
Right: 5049.495+/-1.123 χ^2/NDF : 576209.4/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5049.495+/-1.123 χ^2/NDF : 576209.4/27

diff_bpm2i01X_mean vs Slug, Sign Corrected



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

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

Right Out: 7.059+/-0.390 χ^2/NDF : 185.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

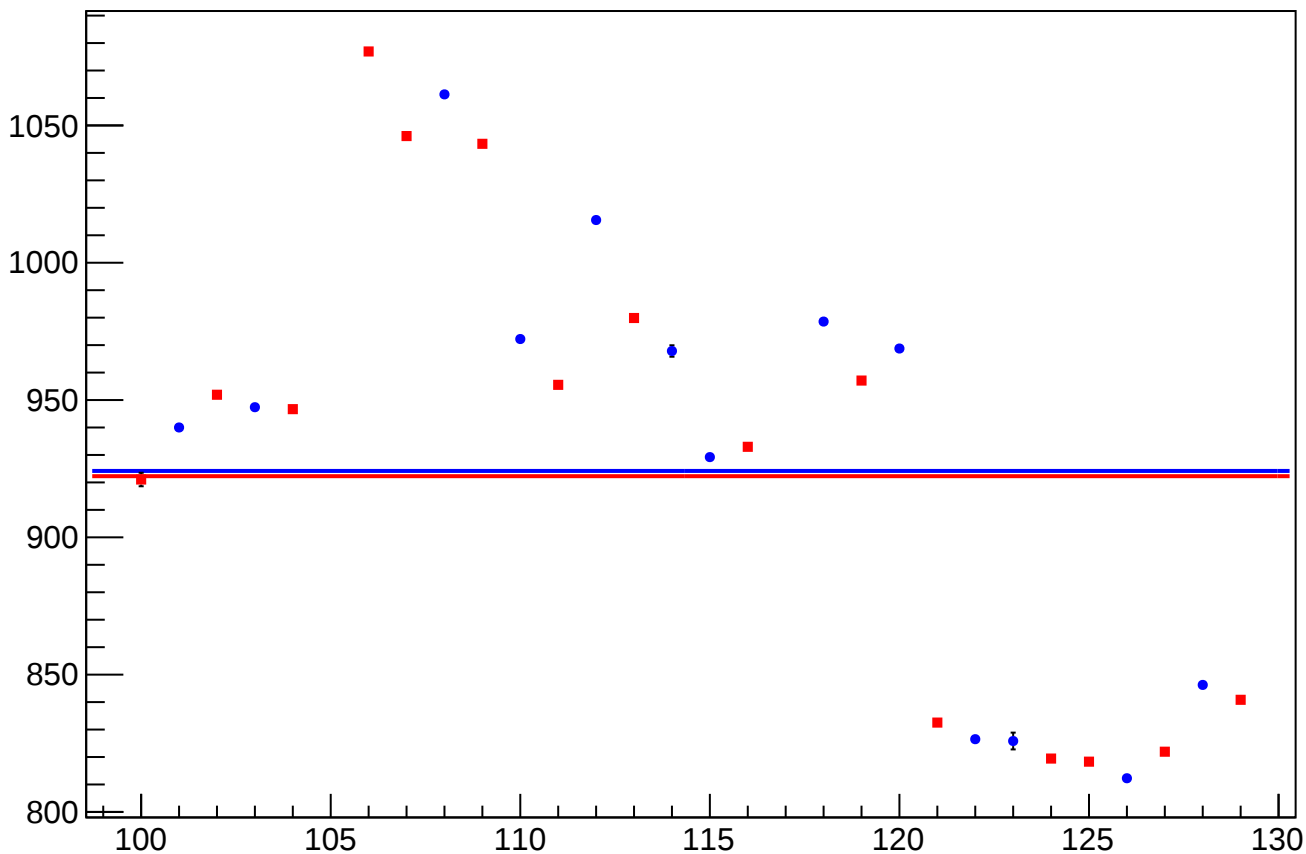
Right: 8.937+/-0.287 χ^2/NDF : 329.2/27

In: 11.168+/-0.425 χ^2/NDF : 92.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.937+/-0.287 χ^2/NDF : 329.2/27

diff_bpm2i01X_rms vs Slug, Sign Corrected



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

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

Right Out: 922.269+/-0.276 χ^2/NDF : 88708.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

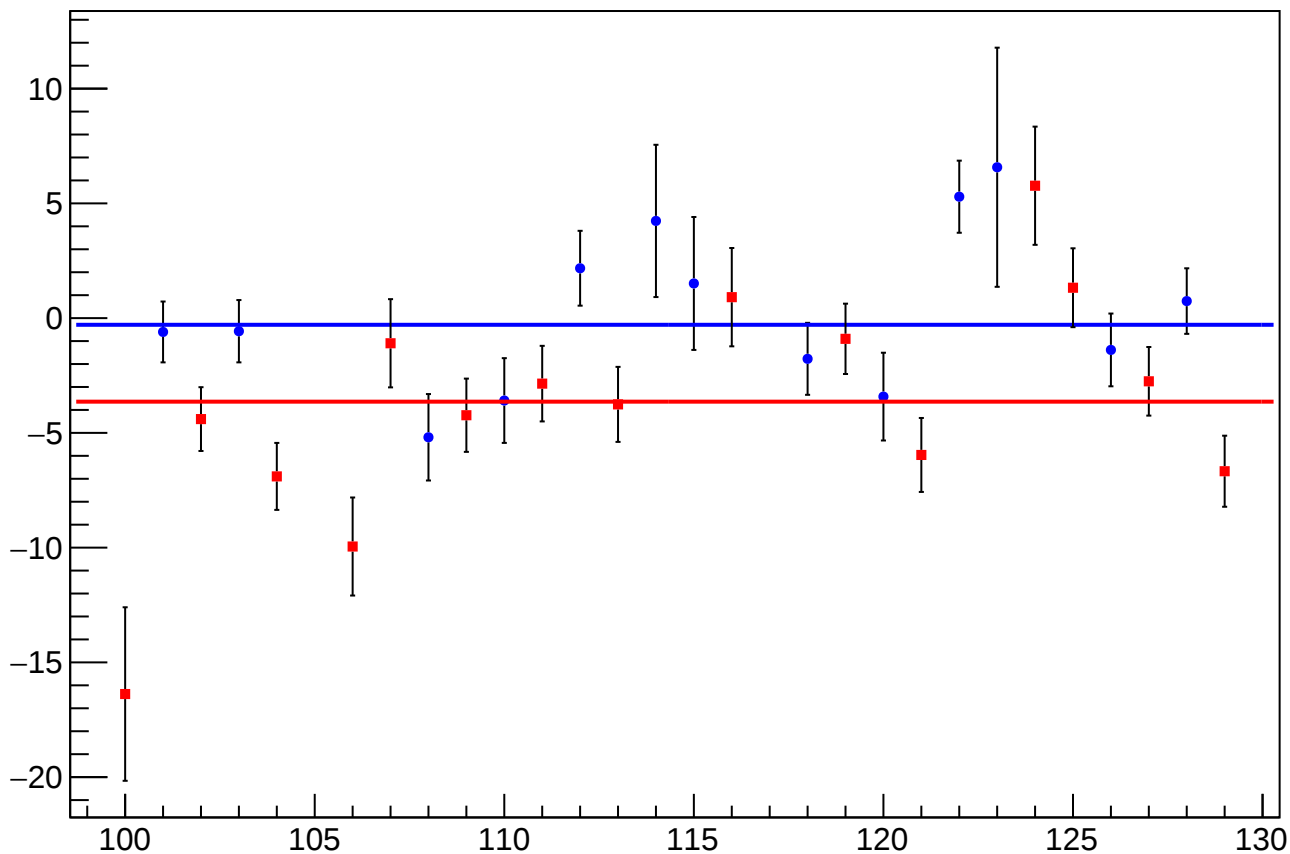
Right: 923.143+/-0.203 χ^2/NDF : 152144.6/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 923.143+/-0.203 χ^2/NDF : 152144.6/27

diff_bpm2i01Y_mean vs Slug, Sign Corrected



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

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

Right Out: -3.640+/-0.444 χ^2/NDF : 63.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

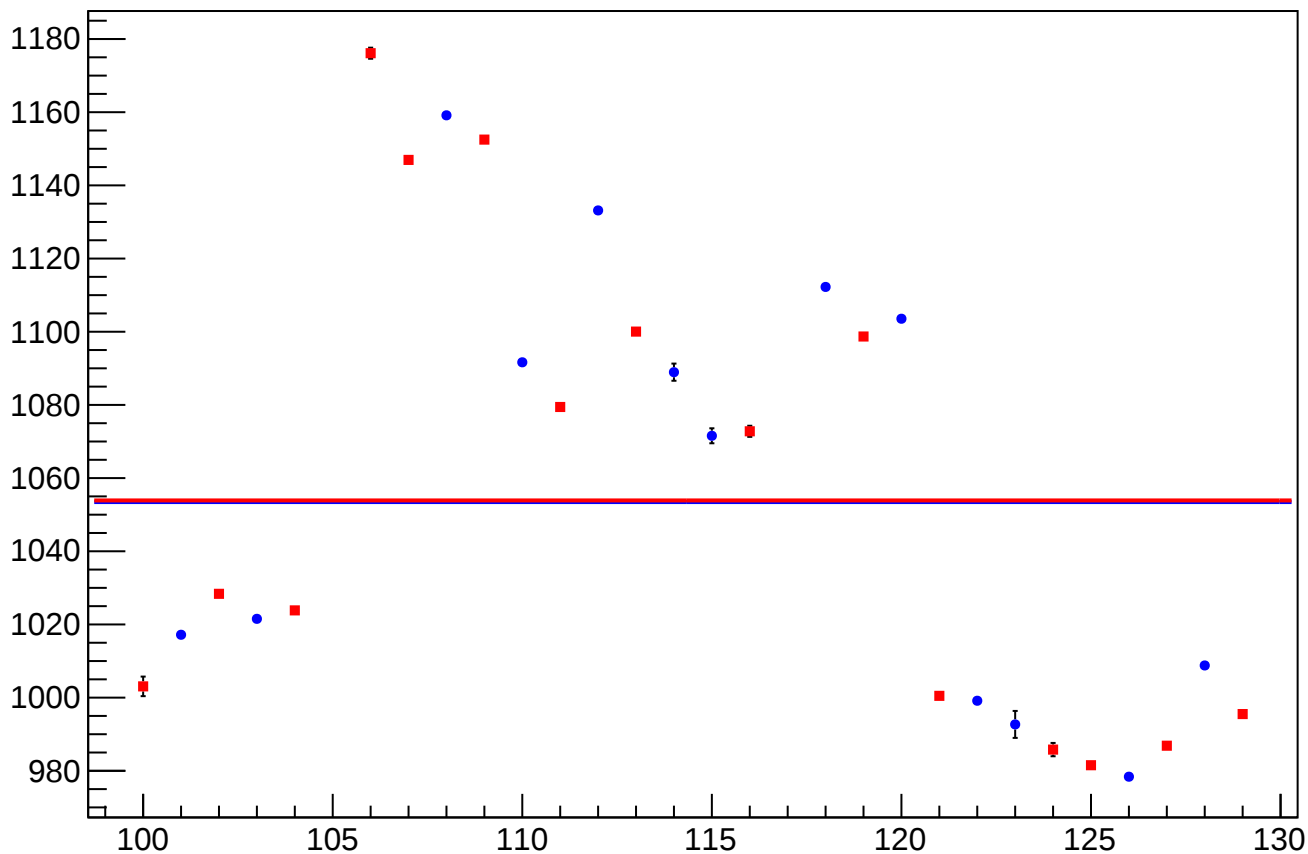
Right: -2.105+/-0.327 χ^2/NDF : 122.7/27

In: -0.290+/-0.483 χ^2/NDF : 33.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.105+/-0.327 χ^2/NDF : 122.7/27

diff_bpm2i01Y_rms vs Slug, Sign Corrected



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

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

Right Out: 1053.896+/-0.314 χ^2/NDF : 38706.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

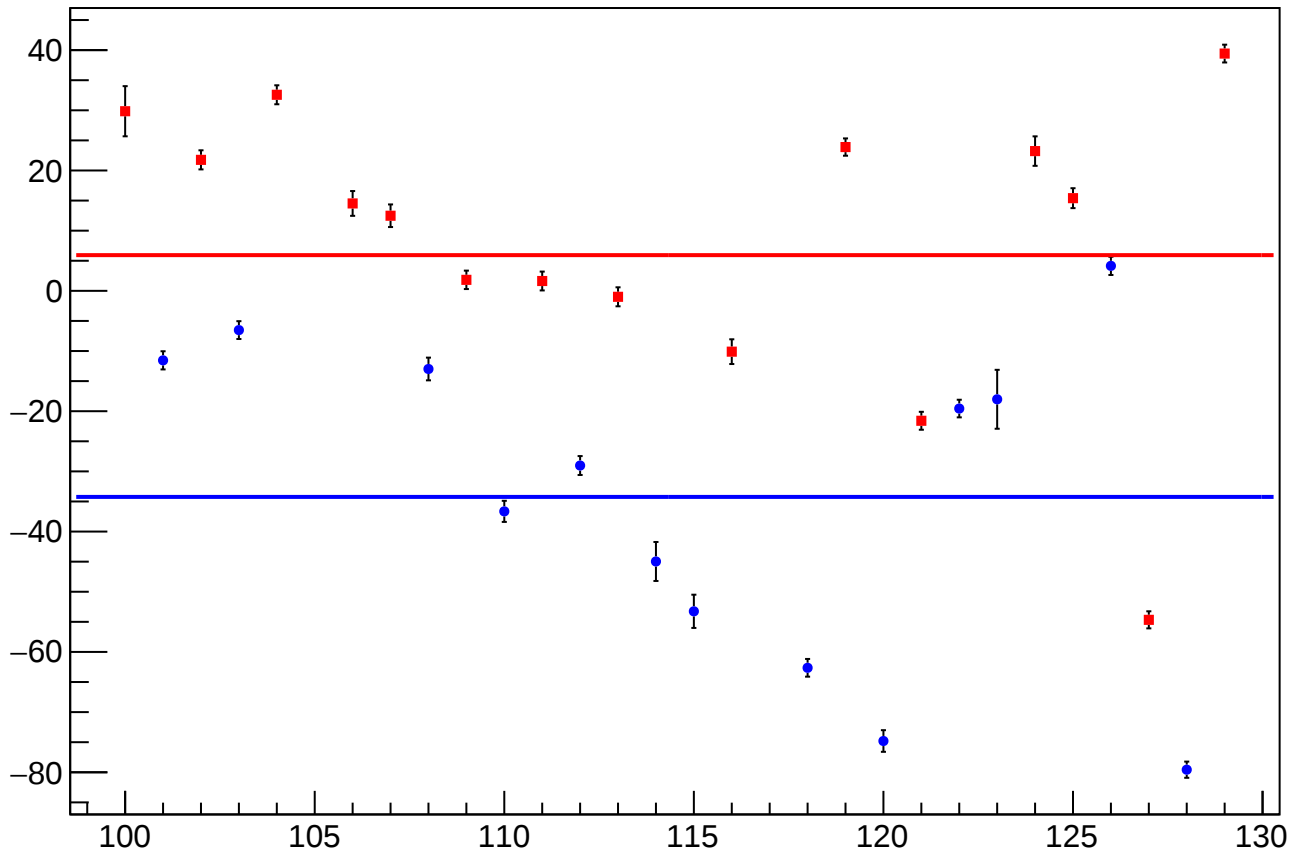
Right: 1053.692+/-0.231 χ^2/NDF : 66838.1/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1053.692+/-0.231 χ^2/NDF : 66838.1/27

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -34.241 ± 0.477 $\chi^2/\text{NDF}: 3545.6/12$

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

Right Out: 5.934 ± 0.436 $\chi^2/\text{NDF}: 3461.4/14$

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

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

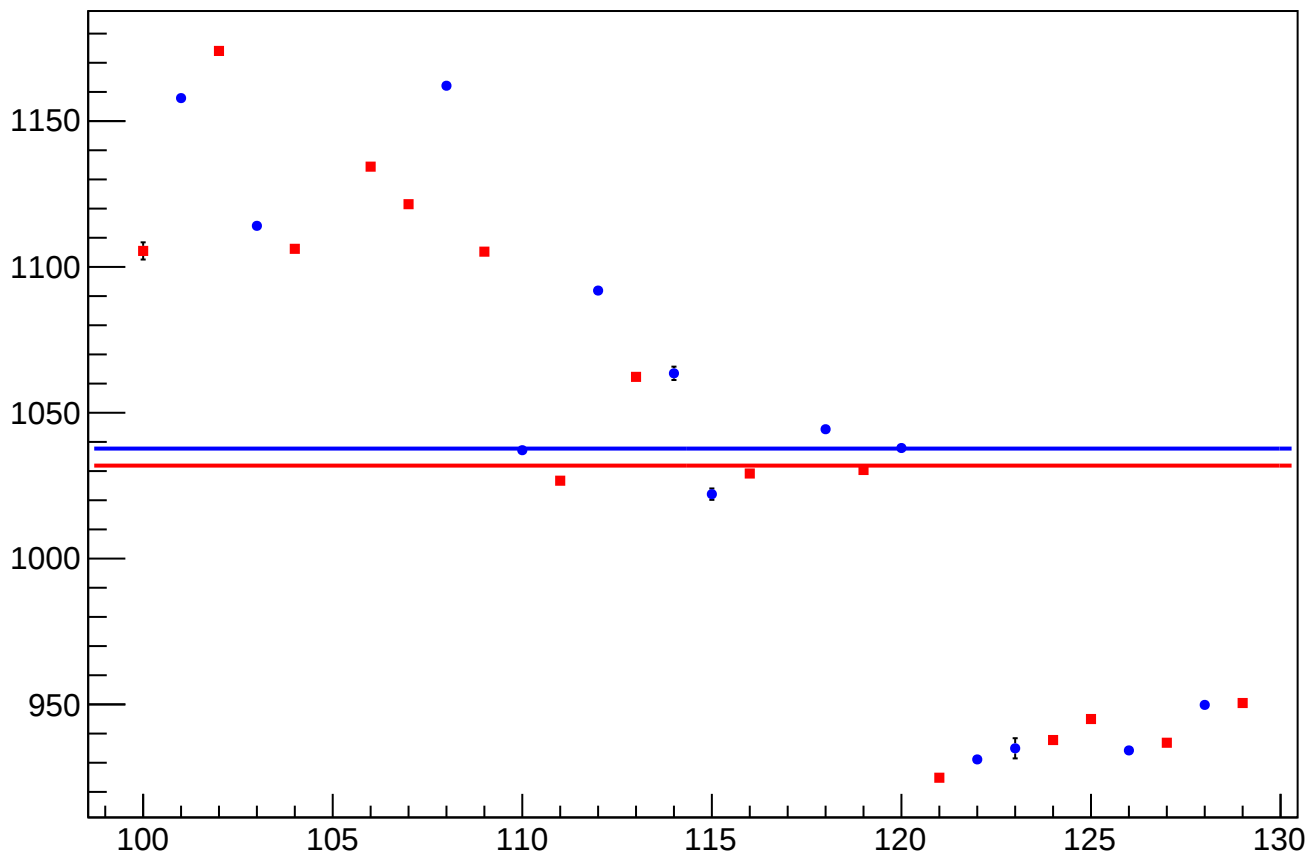
Right: -12.347 ± 0.322 $\chi^2/\text{NDF}: 10877.6/27$

In: -34.241 ± 0.477 $\chi^2/\text{NDF}: 3545.6/12$

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

All: -12.347 ± 0.322 $\chi^2/\text{NDF}: 10877.6/27$

diff_bpm2i02X_rms vs Slug, Sign Corrected



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

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

Right Out: 1031.880+/-0.308 χ^2/NDF : 69819.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

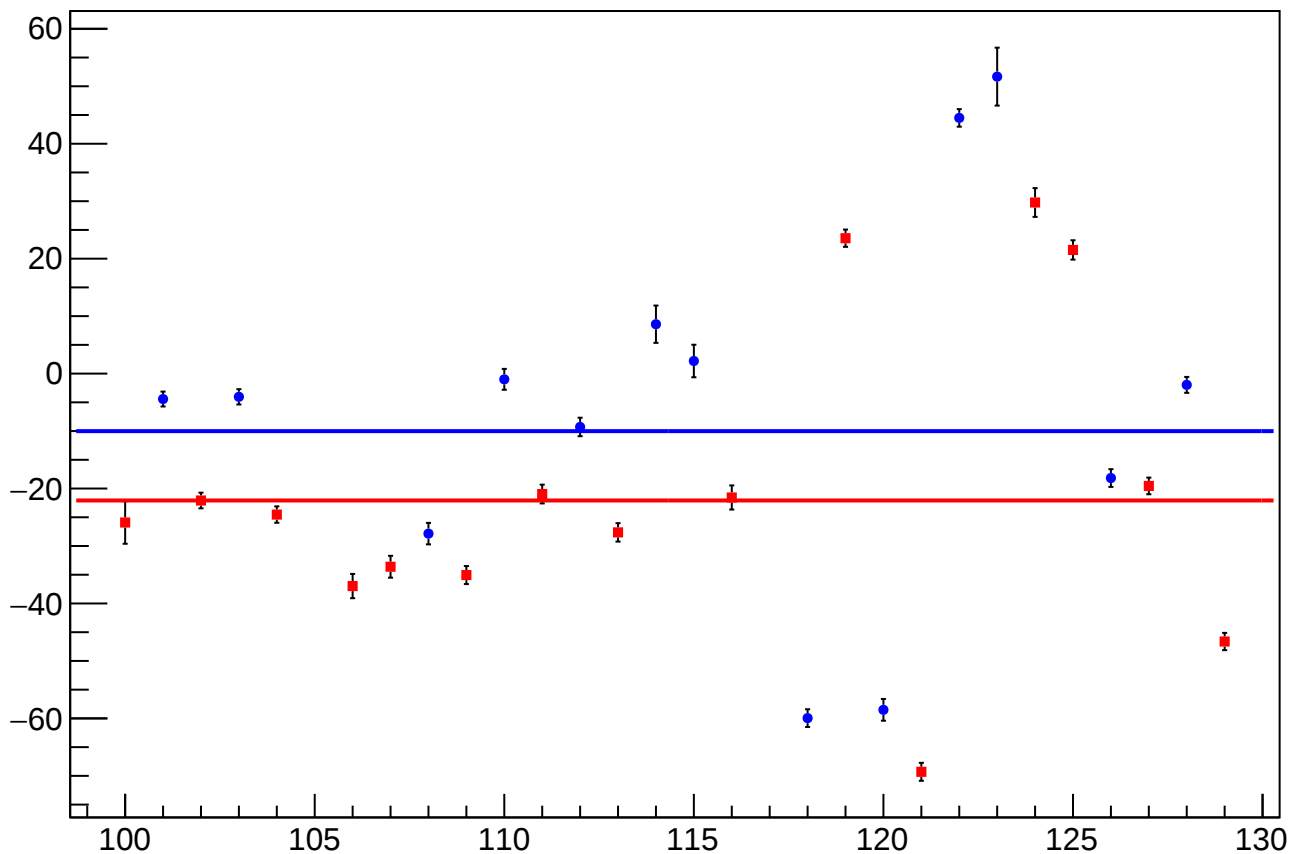
Right: 1034.536+/-0.227 χ^2/NDF : 128658.7/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1034.536+/-0.227 χ^2/NDF : 128658.7/27

diff_bpm2i02Y_mean vs Slug, Sign Corrected



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

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

Right Out: -22.079 $\pm$ 0.435 χ^2 /NDF: 3375.4/14

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

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

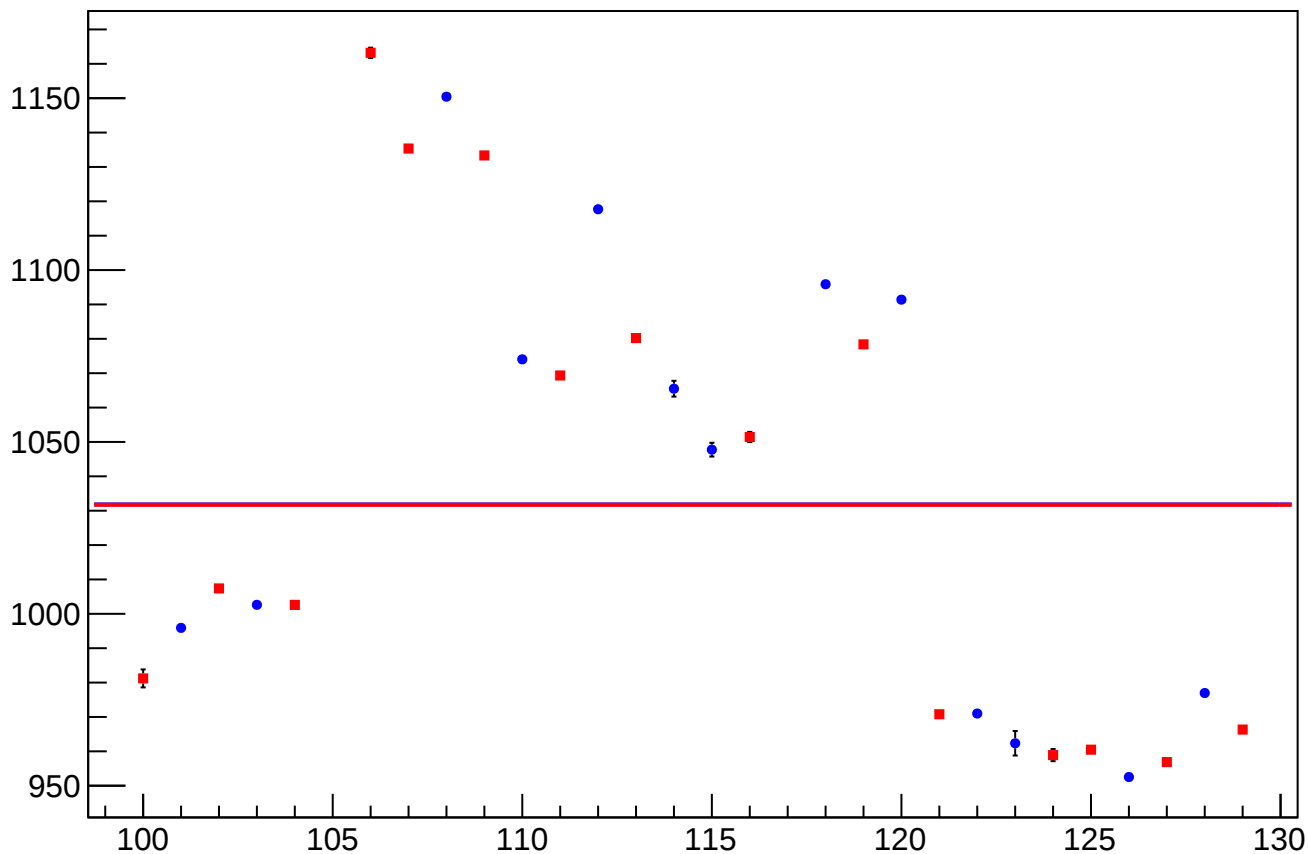
Right: -16.553 $\pm$ 0.320 χ^2 /NDF: 7123.5/27

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -16.553 $\pm$ 0.320 χ^2 /NDF: 7123.5/27

diff_bpm2i02Y_rms vs Slug, Sign Corrected



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

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

Right Out: 1031.720+/-0.308 χ^2/NDF : 46349.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

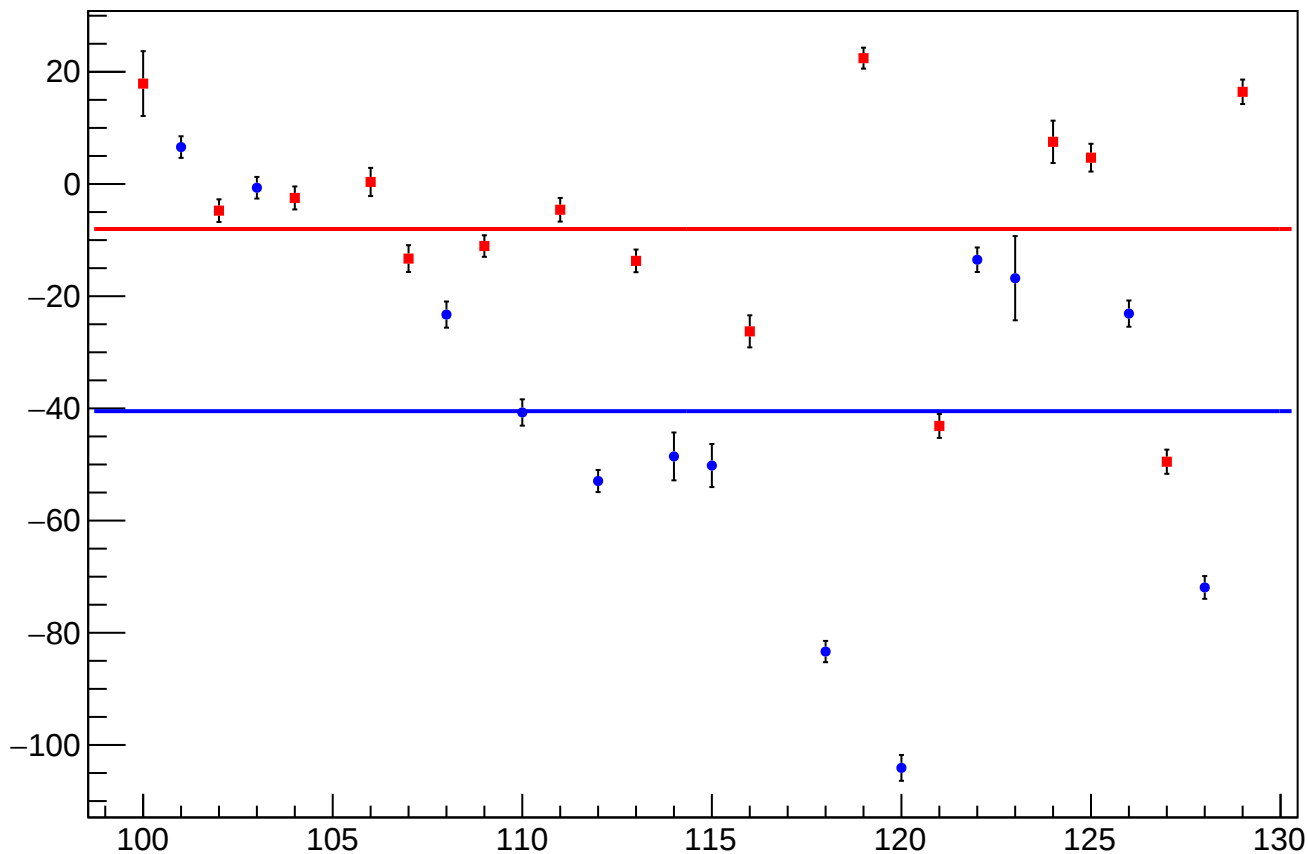
Right: 1031.769+/-0.226 χ^2/NDF : 81368.4/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1031.769+/-0.226 χ^2/NDF : 81368.4/27

diff_bpm0i02X_mean vs Slug, Sign Corrected



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

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

Right Out: -8.020 ± 0.590 $\chi^2/\text{NDF}: 1177.1/14$

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

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

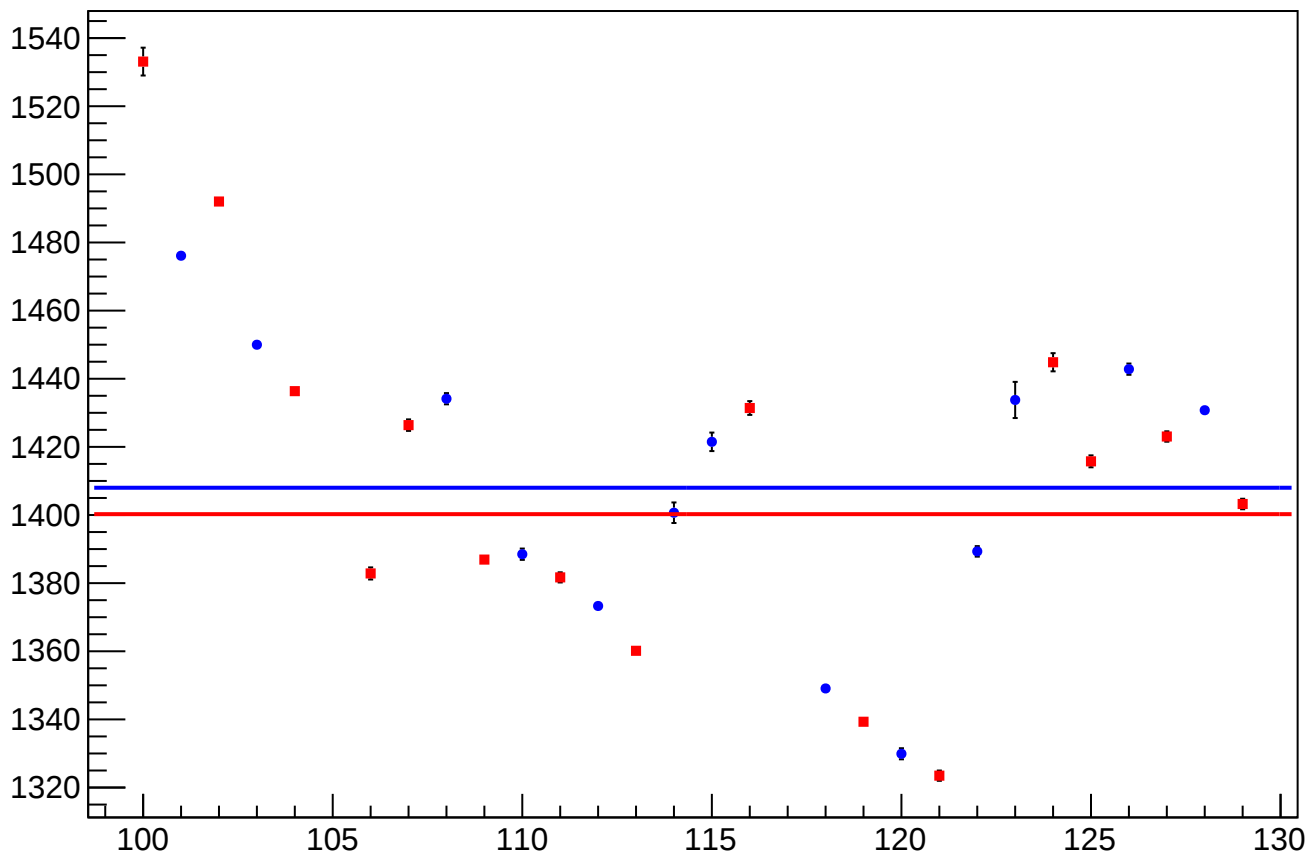
Right: -22.803 ± 0.435 $\chi^2/\text{NDF}: 5419.5/27$

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

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

All: -22.803 ± 0.435 $\chi^2/\text{NDF}: 5419.5/27$

diff_bpm0i02X_rms vs Slug, Sign Corrected



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

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

Right Out: 1400.251+/-0.417 χ^2/NDF : 12743.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

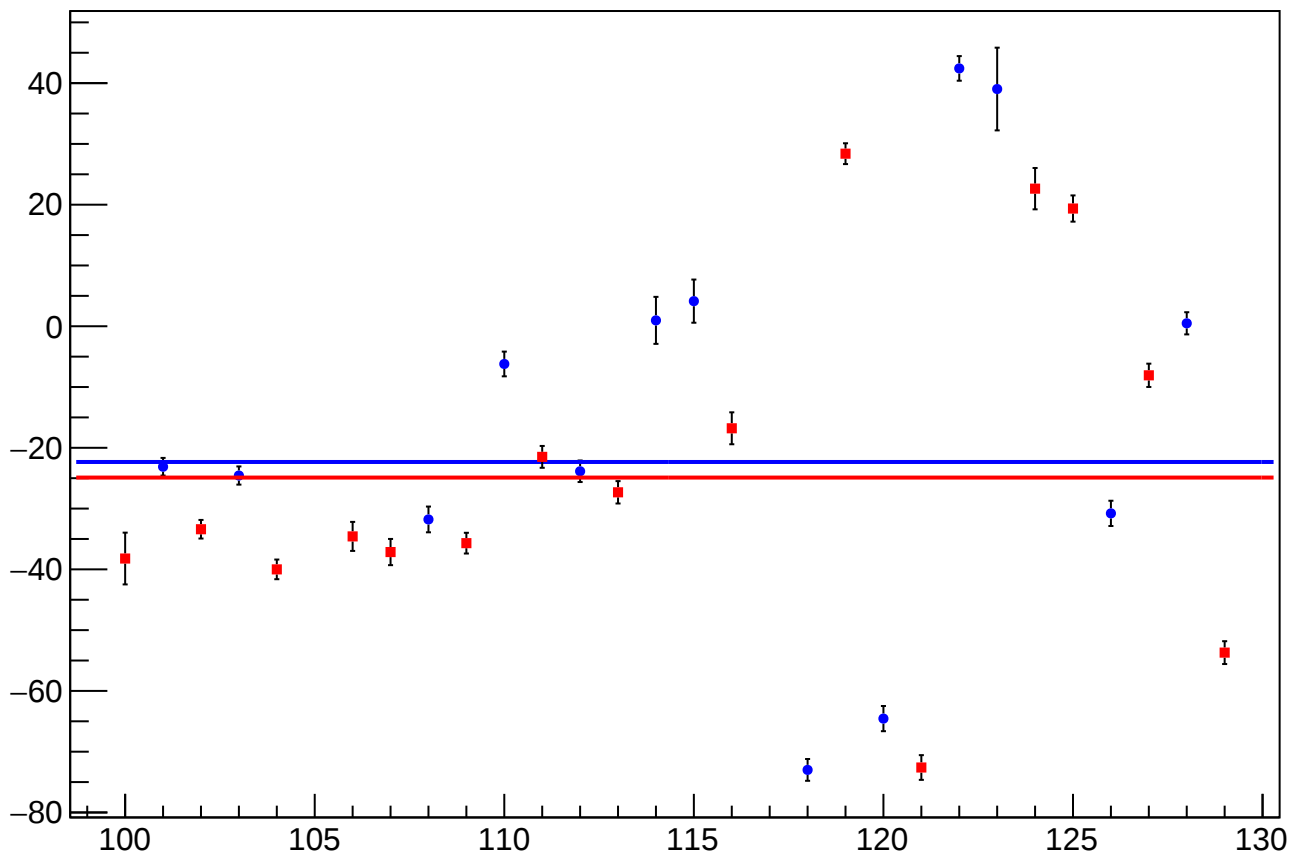
Right: 1403.782+/-0.308 χ^2/NDF : 22487.0/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1403.782+/-0.308 χ^2/NDF : 22487.0/27

diff_bpm0i02Y_mean vs Slug, Sign Corrected



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

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

Right Out: -24.898 $\pm$ 0.514 χ^2 /NDF: 2677.5/14

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

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

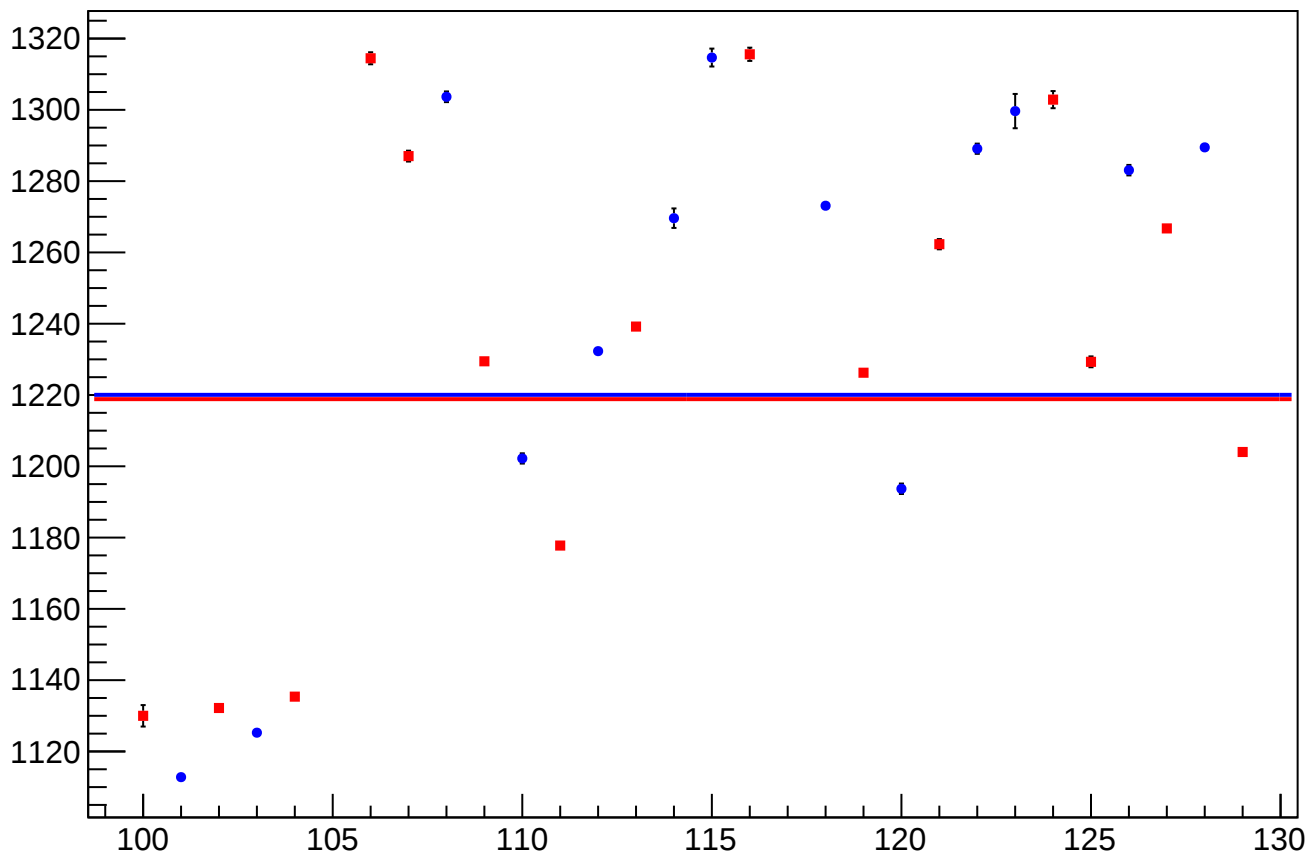
Right: -23.724 $\pm$ 0.379 χ^2 /NDF: 5356.0/27

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -23.724 $\pm$ 0.379 χ^2 /NDF: 5356.0/27

diff_bpm0i02Y_rms vs Slug, Sign Corrected



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

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

Right Out: 1218.837+/-0.363 χ^2/NDF : 25483.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

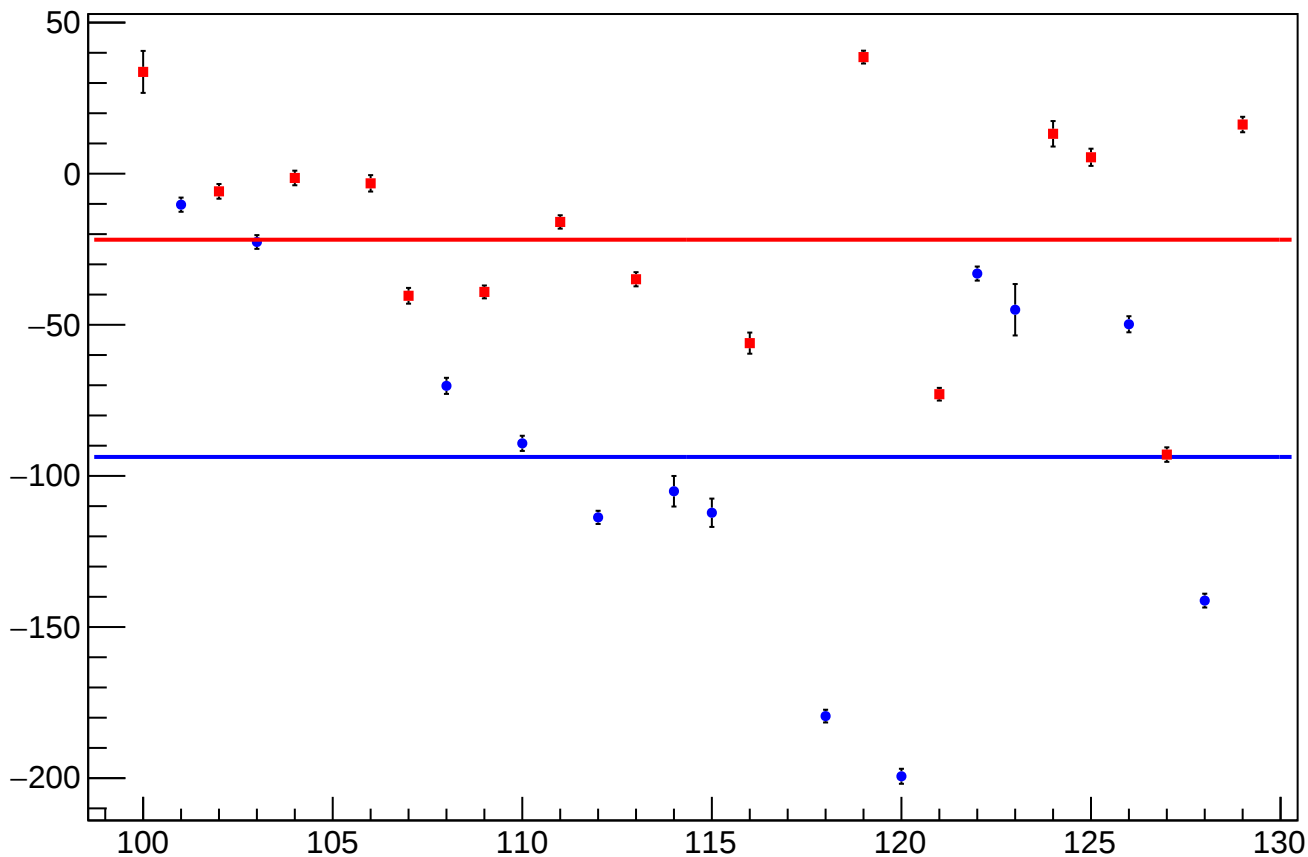
Right: 1219.389+/-0.268 χ^2/NDF : 58984.9/27

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1219.389+/-0.268 χ^2/NDF : 58984.9/27

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -93.722 $\pm$ 0.728 χ^2 /NDF: 7296.5/12

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

Right Out: -21.846 $\pm$ 0.662 χ^2 /NDF: 3135.7/14

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

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

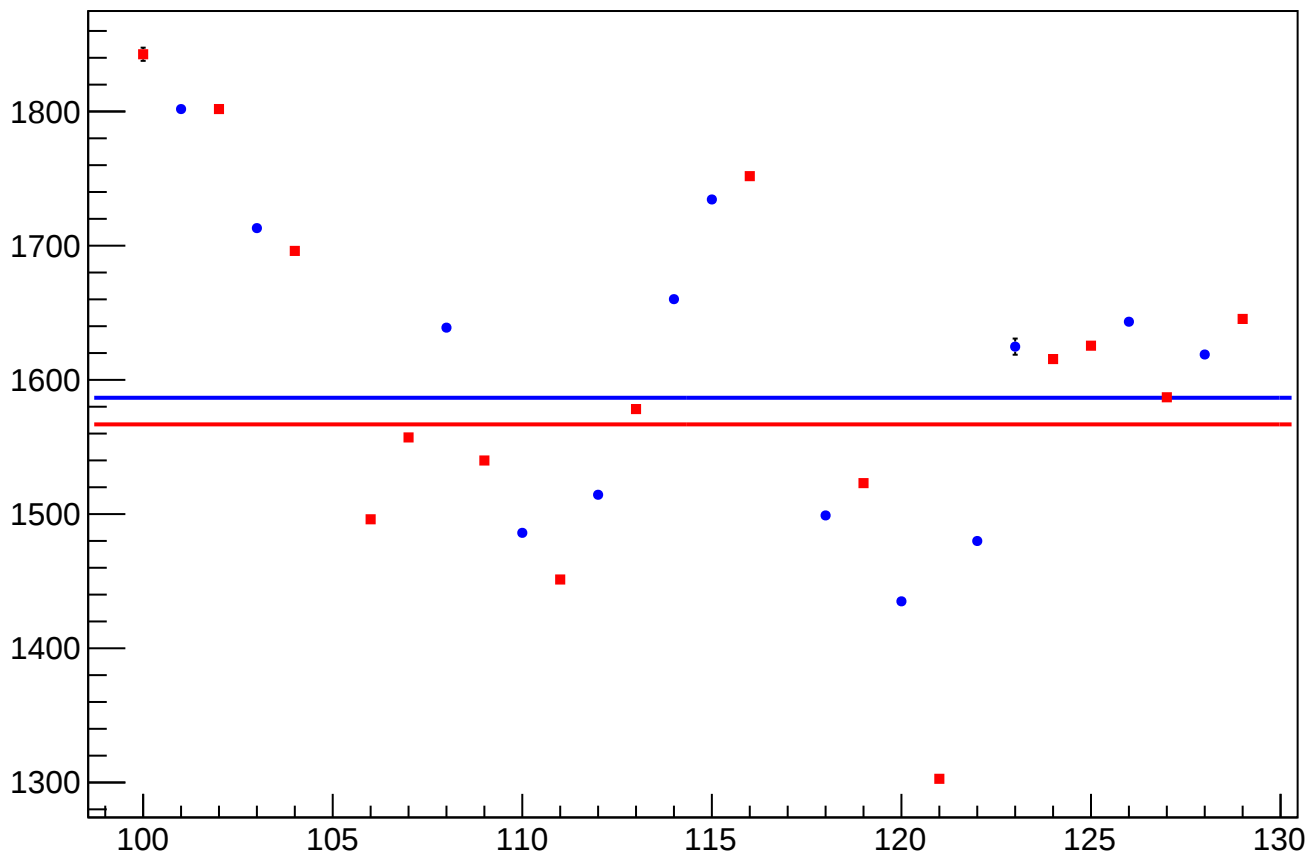
Right: -54.338 $\pm$ 0.490 χ^2 /NDF: 15767.1/27

In: -93.722 $\pm$ 0.728 χ^2 /NDF:7296.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -54.338 $\pm$ 0.490 χ^2 /NDF: 15767.1/27

diff_bpm0i02aX_rms vs Slug, Sign Corrected



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

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

Right Out: 1566.843+/-0.468 χ^2/NDF : 75910.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

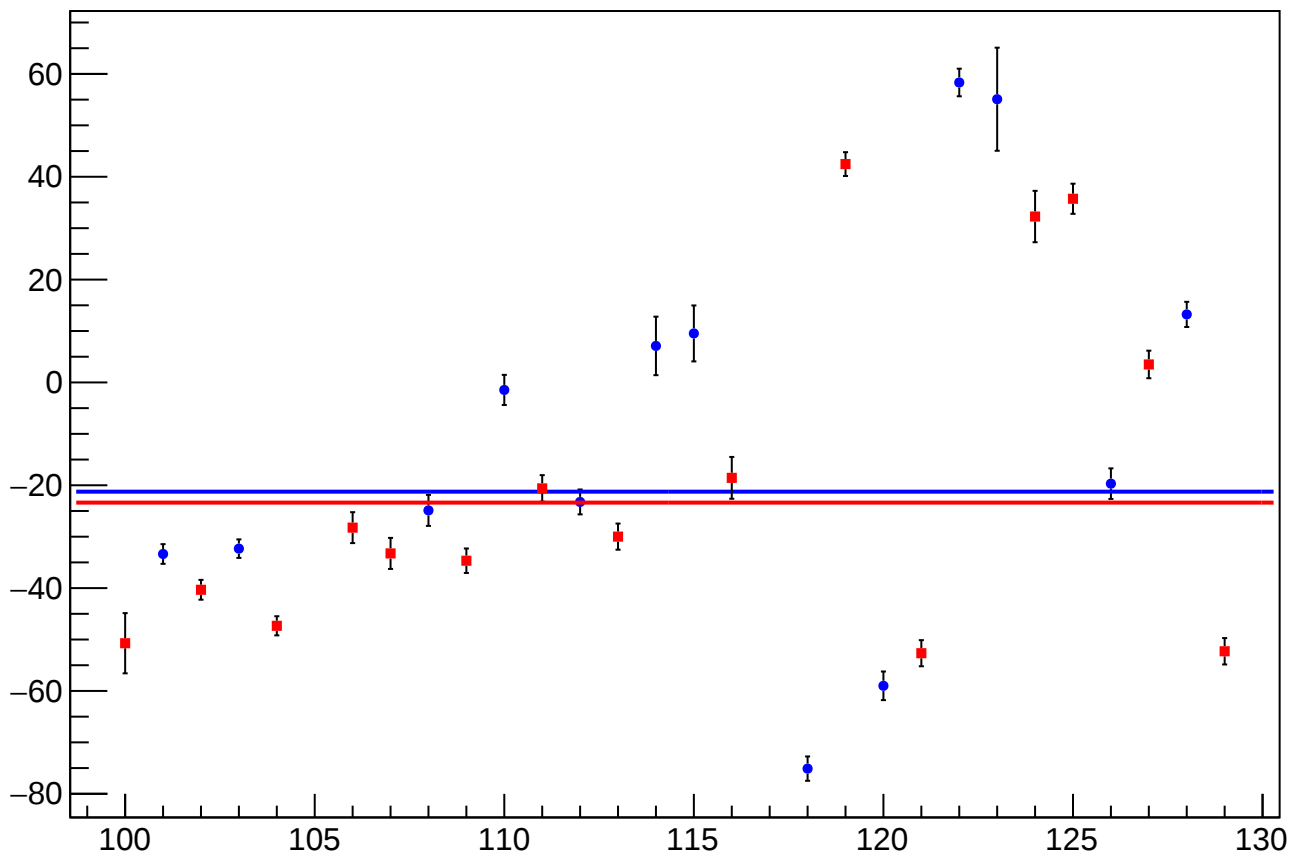
Right: 1575.806+/-0.346 χ^2/NDF : 124697.5/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1575.806+/-0.346 χ^2/NDF : 124697.5/27

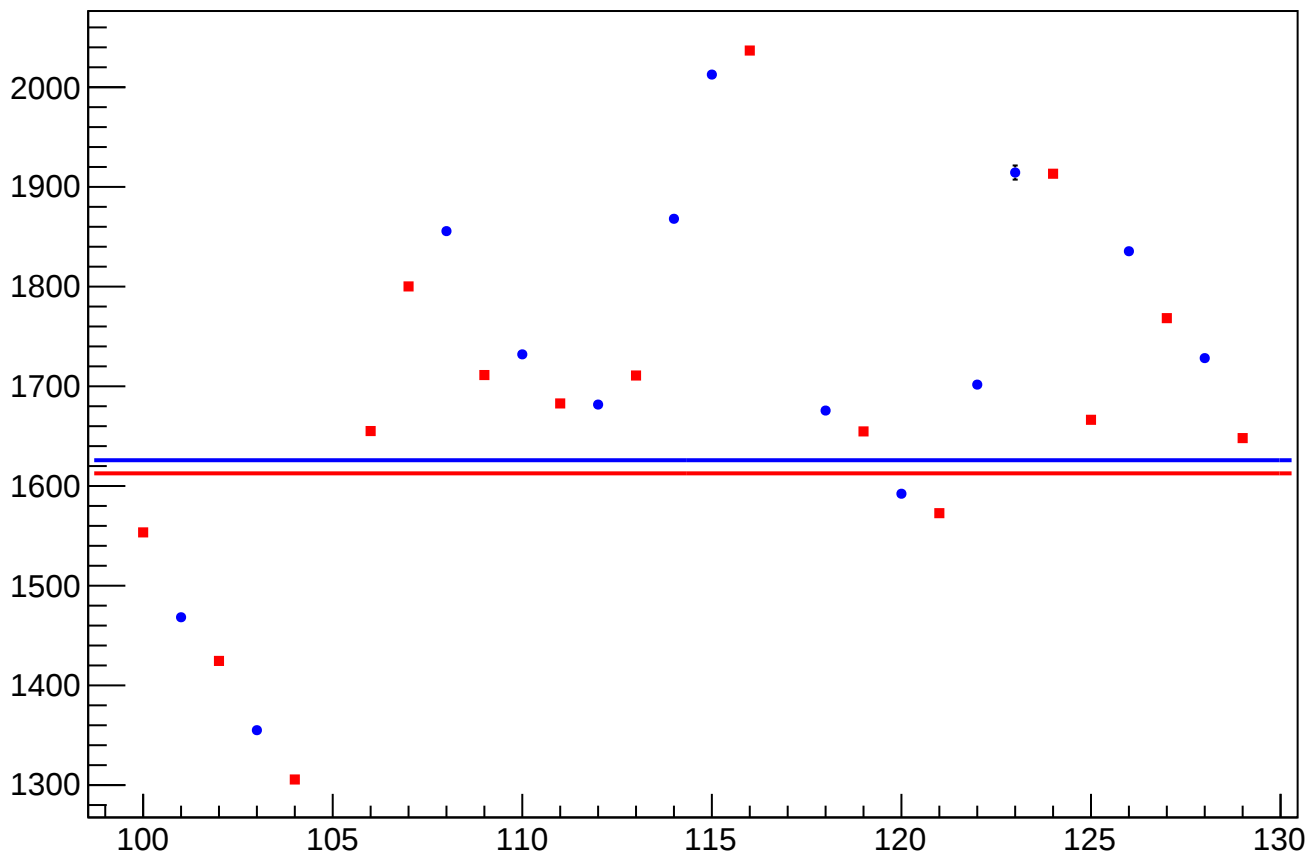
diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -21.243+/-0.750 χ^2/NDF : 2020.6/12
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -23.370+/-0.684 χ^2/NDF : 2010.2/14
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -22.405+/-0.505 χ^2/NDF : 4035.2/27
 In: -21.243+/-0.750 χ^2/NDF :2020.6/12
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -22.405+/-0.505 χ^2/NDF : 4035.2/27

diff_bpm0i02aY_rms vs Slug, Sign Corrected



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

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

Right Out: 1612.688+/-0.483 χ^2/NDF : 127688.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

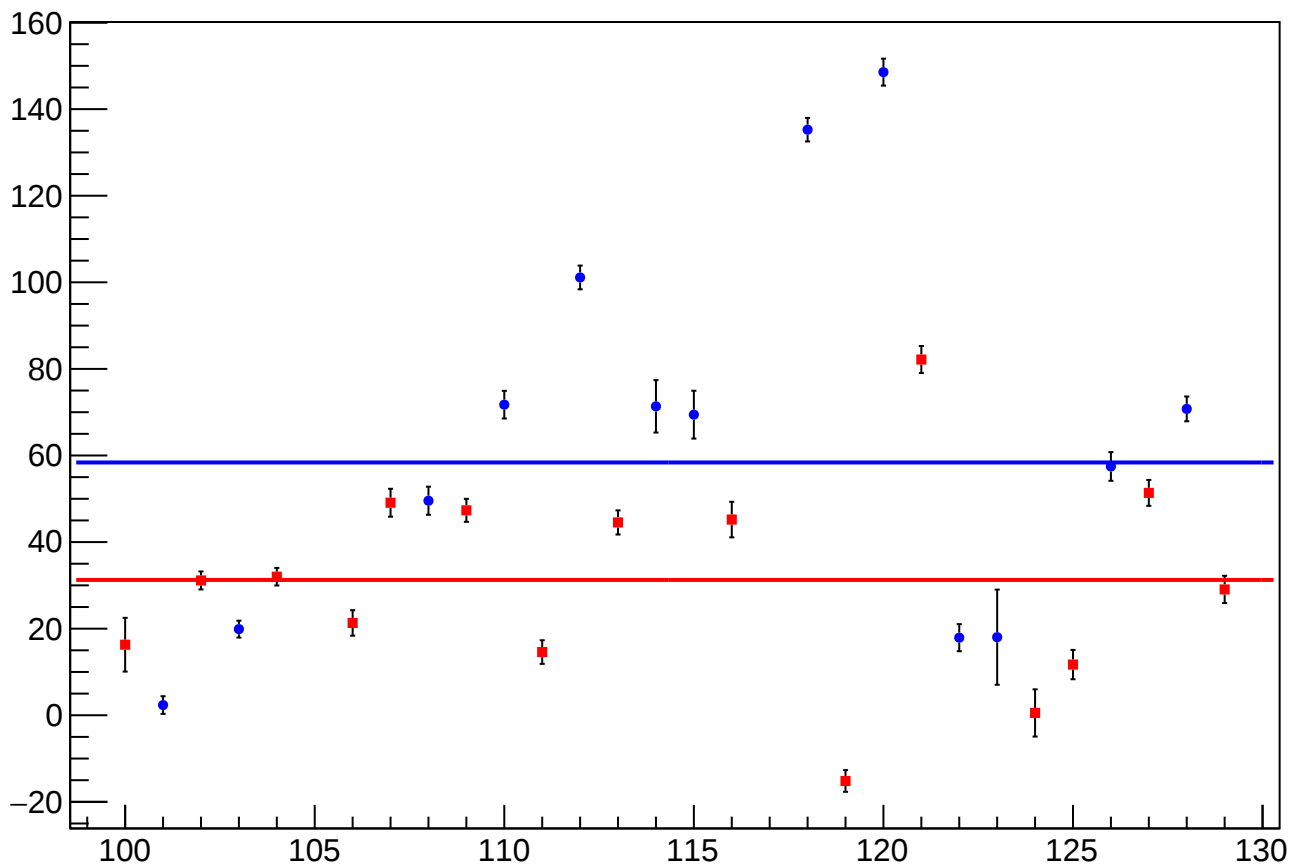
Right: 1618.667+/-0.357 χ^2/NDF : 233654.1/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1618.667+/-0.357 χ^2/NDF : 233654.1/27

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 58.386 $\pm$ 0.830 χ^2 /NDF: 3258.8/12

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

Right Out: 31.257 $\pm$ 0.751 χ^2 /NDF: 875.3/14

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

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

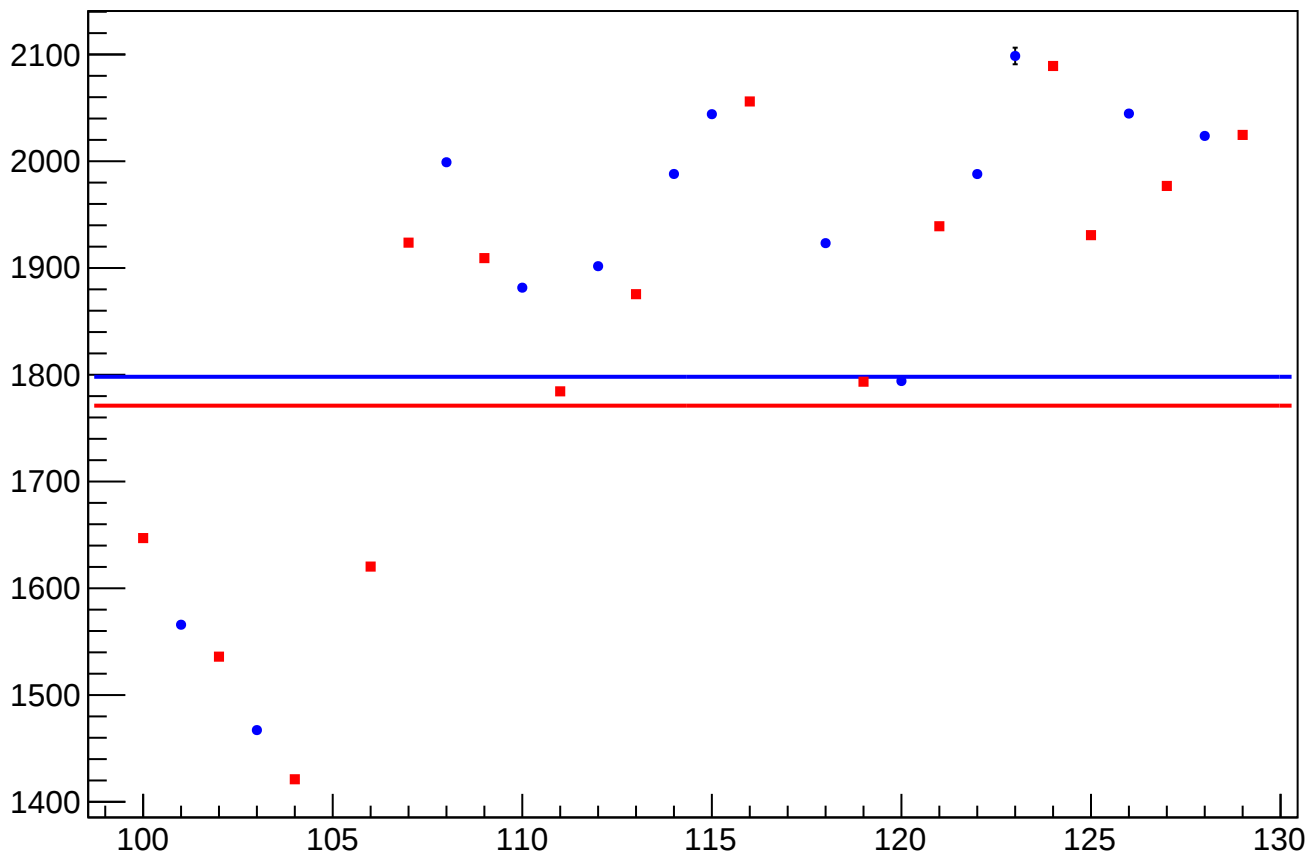
Right: 43.469 $\pm$ 0.557 χ^2 /NDF: 4721.3/27

In: 58.386 $\pm$ 0.830 χ^2 /NDF: 3258.8/12

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

All: 43.469 $\pm$ 0.557 χ^2 /NDF: 4721.3/27

diff_bpm0i05X_rms vs Slug, Sign Corrected



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

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

Right Out: 1771.062+/-0.531 χ^2/NDF : 153312.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

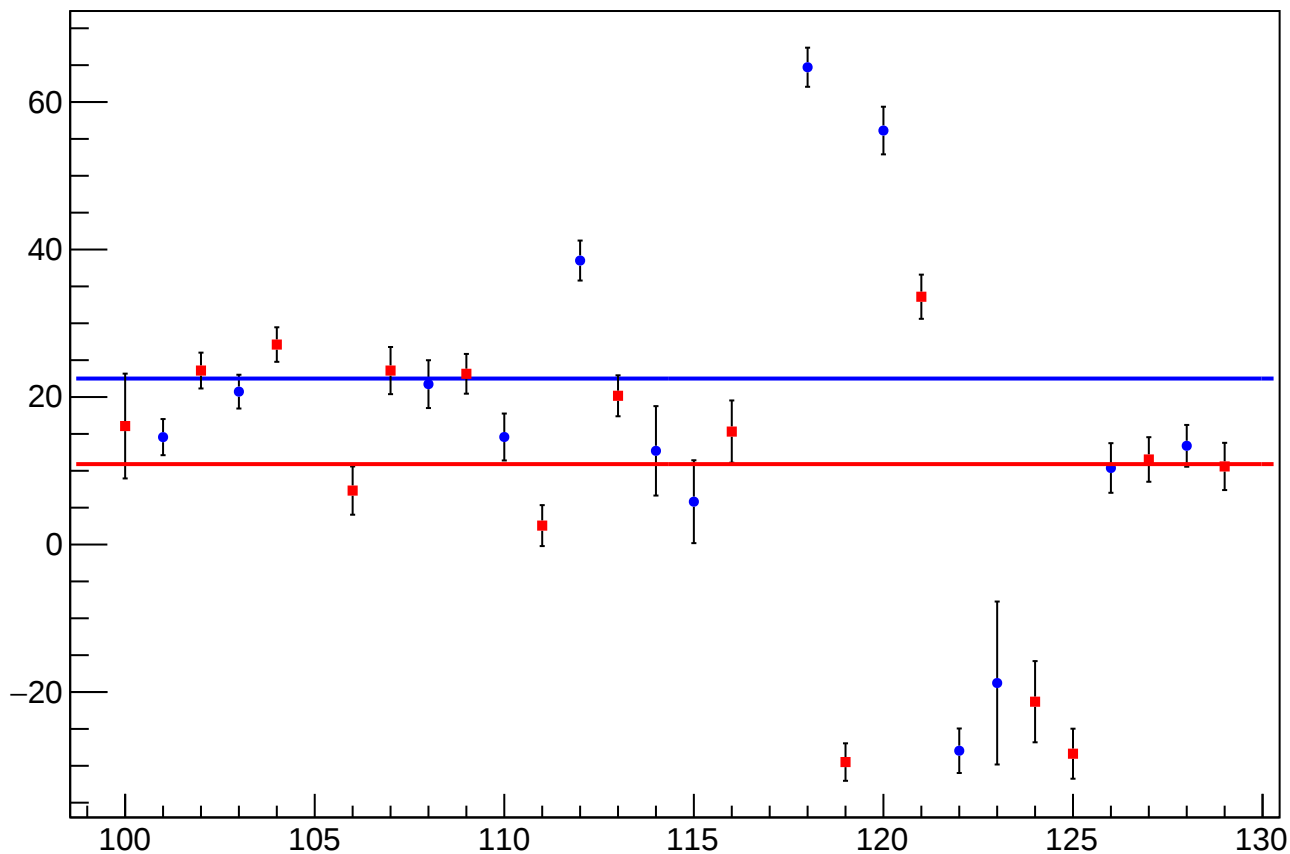
Right: 1783.239+/-0.394 χ^2/NDF : 292312.4/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1783.239+/-0.394 χ^2/NDF : 292312.4/27

diff_bpm0i05Y_mean vs Slug, Sign Corrected



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

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

Right Out: 10.905+/-0.788 χ^2/NDF : 612.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

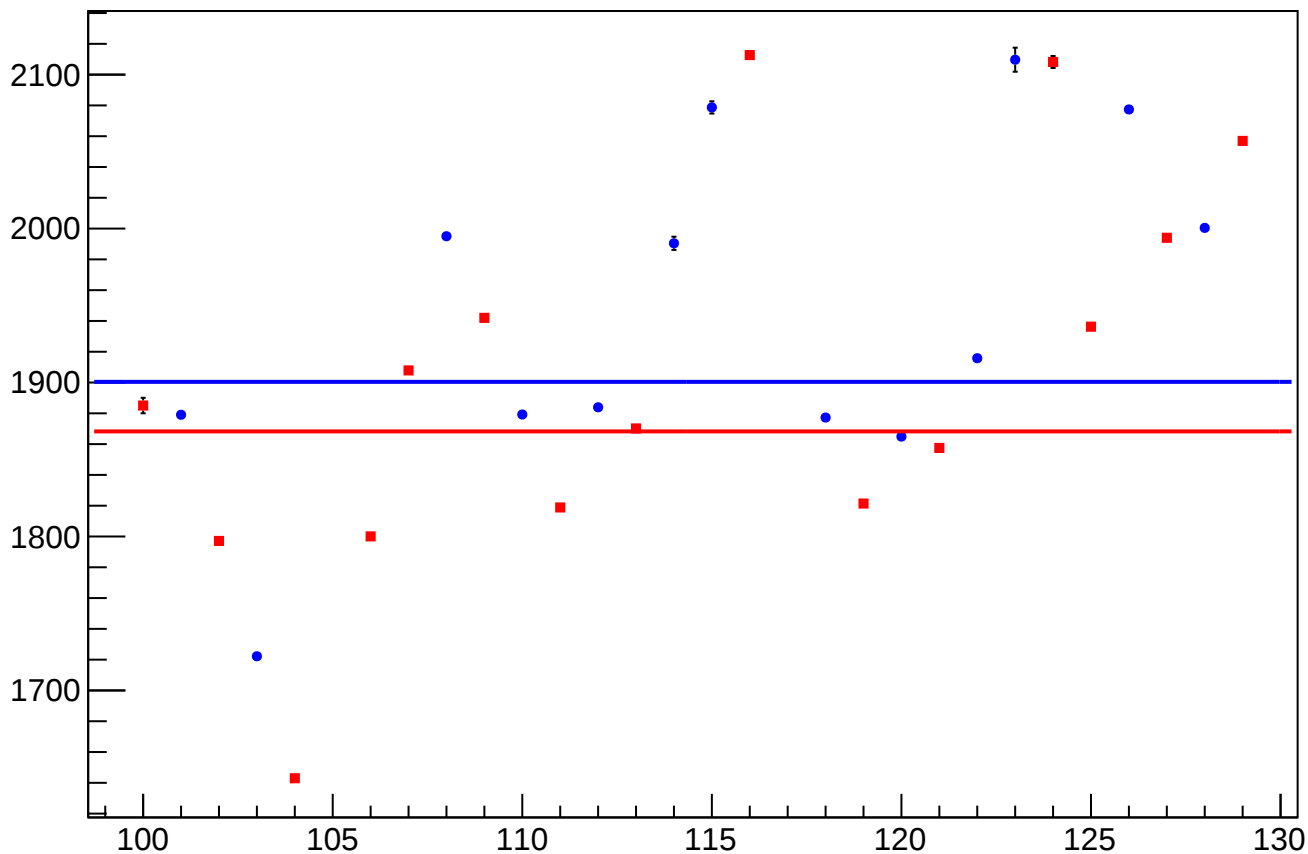
Right: 16.123+/-0.585 χ^2/NDF : 1452.5/27

In: 22.507+/-0.872 χ^2/NDF : 742.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.123+/-0.585 χ^2/NDF : 1452.5/27

diff_bpm0i05Y_rms vs Slug, Sign Corrected



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

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

Right Out: 1868.260+/-0.557 χ^2/NDF : 45973.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

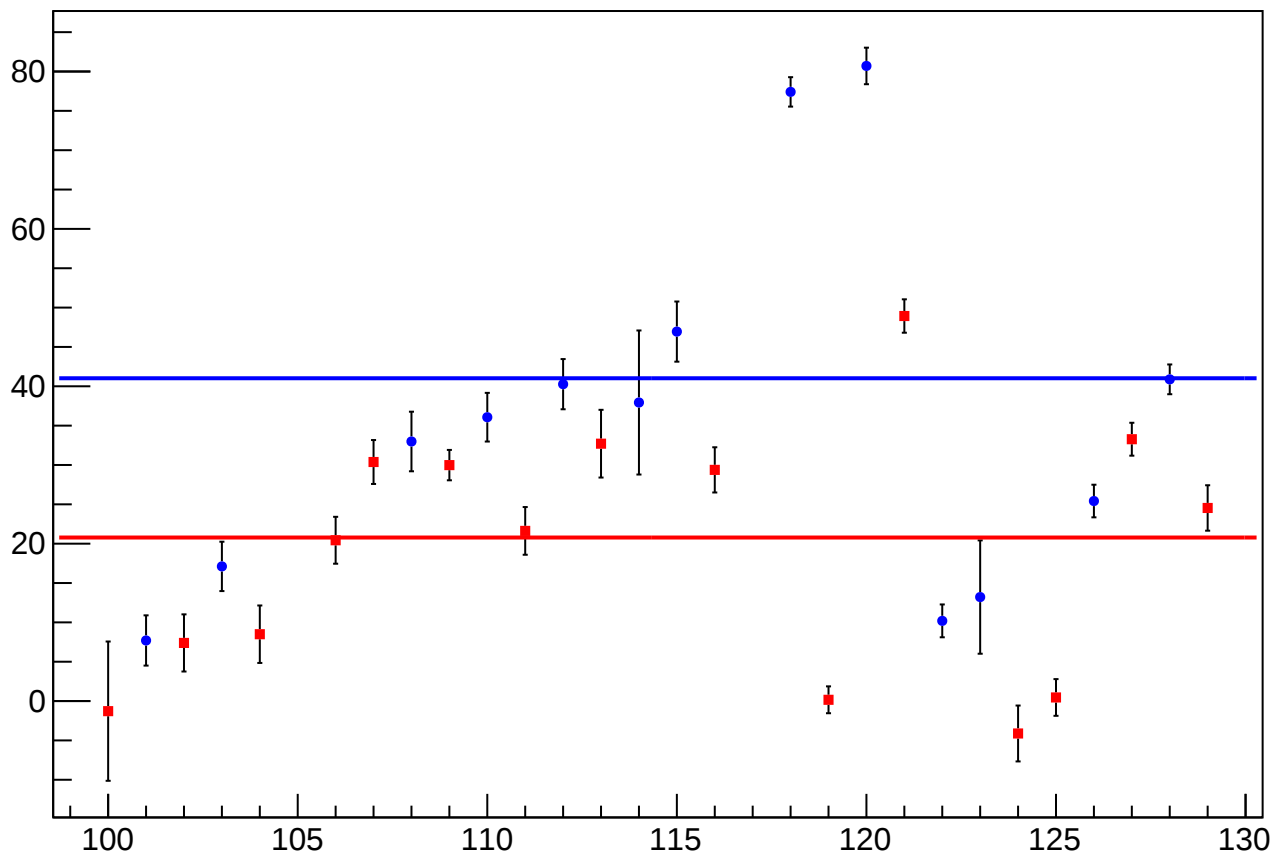
Right: 1882.734+/-0.413 χ^2/NDF : 73245.8/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1882.734+/-0.413 χ^2/NDF : 73245.8/27

diff_bpm0i07X_mean vs Slug, Sign Corrected



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

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

Right Out: 20.782+/-0.685 χ^2/NDF : 566.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

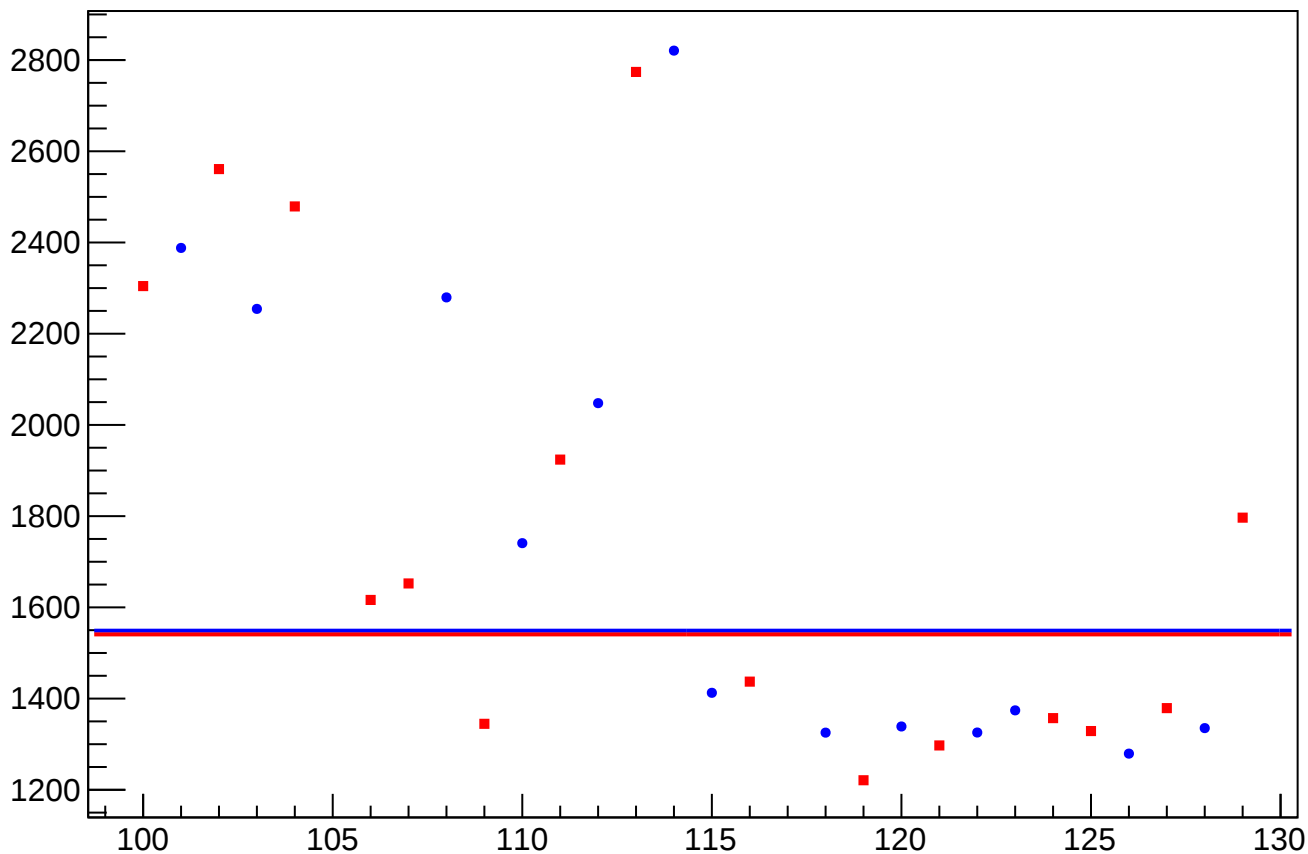
Right: 30.002+/-0.505 χ^2/NDF : 2102.1/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.002+/-0.505 χ^2/NDF : 2102.1/27

diff_bpm0i07X_rms vs Slug, Sign Corrected



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

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

Right Out: 1540.735+/-0.484 χ^2/NDF : 674806.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

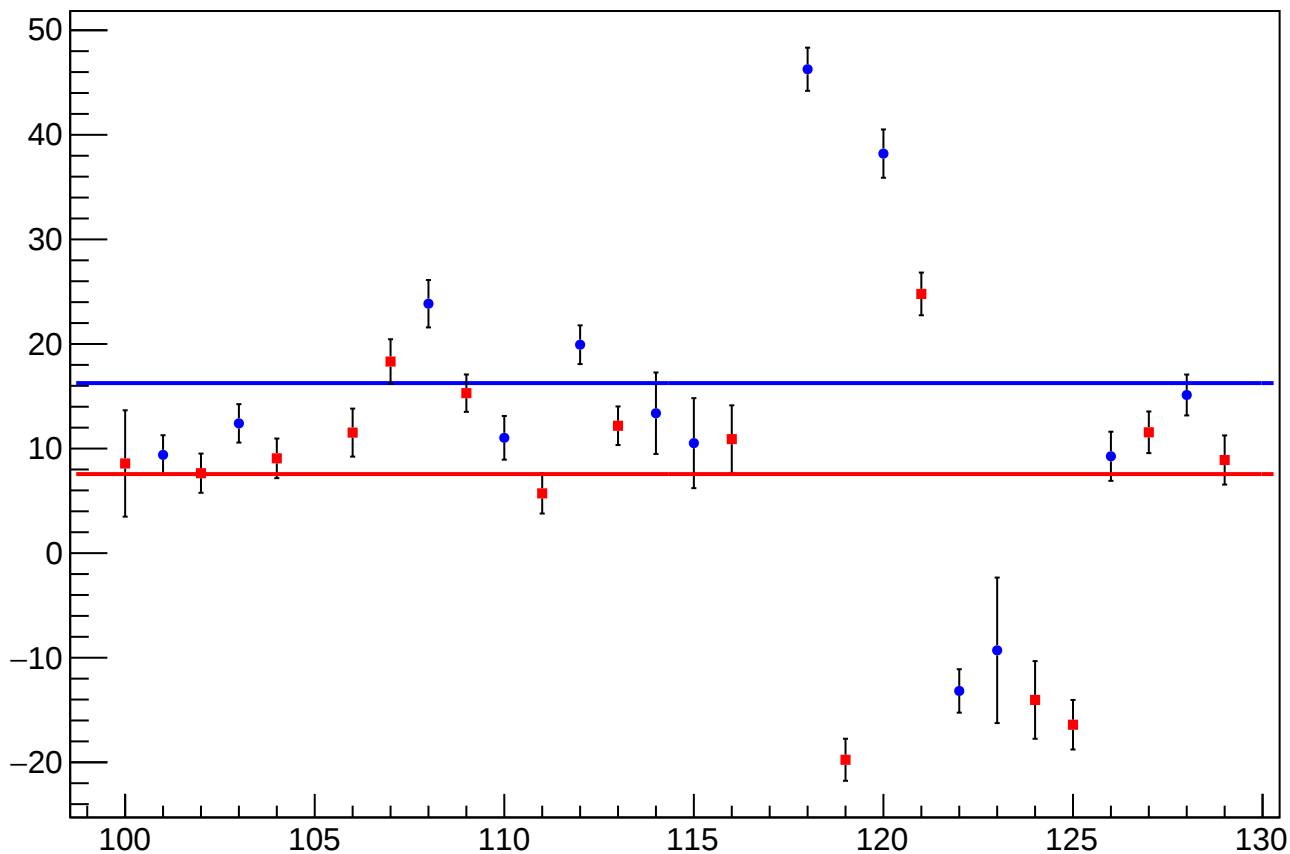
Right: 1544.438+/-0.357 χ^2/NDF : 1214944.3/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1544.438+/-0.357 χ^2/NDF : 1214944.3/27

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 16.261+/-0.628 χ^2/NDF : 567.0/12

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

Right Out: 7.559+/-0.563 χ^2/NDF : 452.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

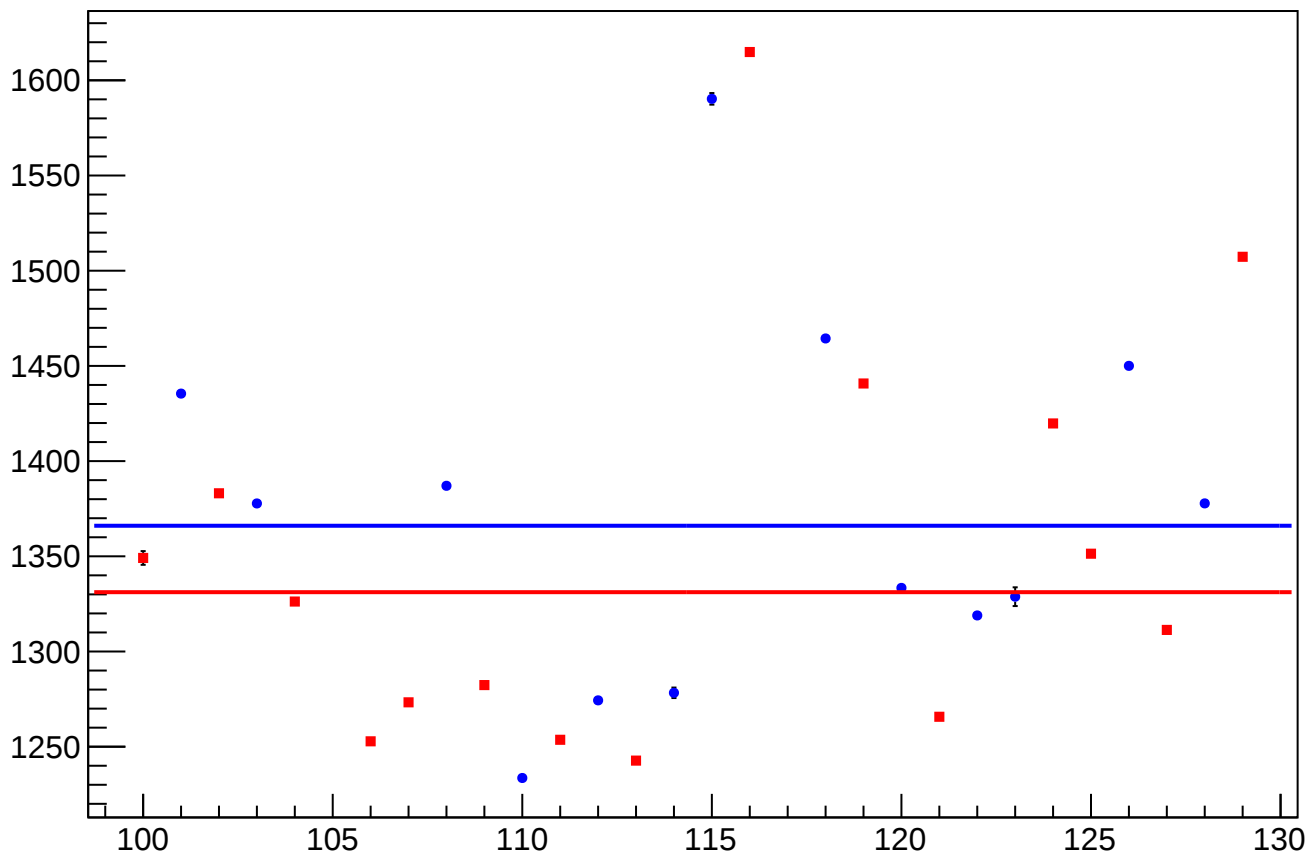
Right: 11.434+/-0.419 χ^2/NDF : 1125.9/27

In: 16.261+/-0.628 χ^2/NDF : 567.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.434+/-0.419 χ^2/NDF : 1125.9/27

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1366.049 $\pm$ 0.444 χ^2 /NDF: 31036.5/12

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

Right Out: 1331.160 $\pm$ 0.398 χ^2 /NDF: 50832.9/14

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

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

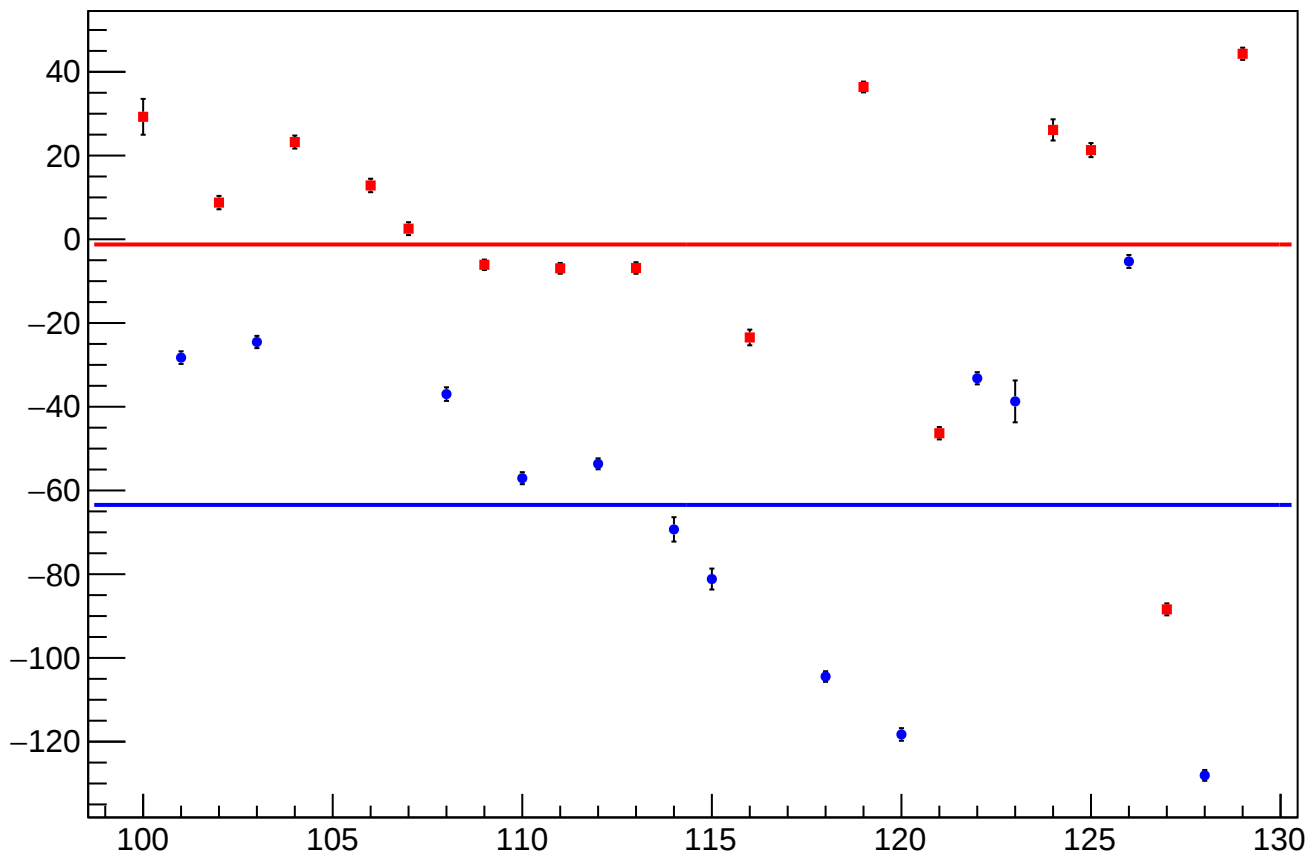
Right: 1346.696 $\pm$ 0.296 χ^2 /NDF: 85289.5/27

In: 1366.049 $\pm$ 0.444 χ^2 /NDF:31036.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1346.696 $\pm$ 0.296 χ^2 /NDF: 85289.5/27

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -63.453+/-0.438 χ^2/NDF : 8375.1/12

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

Right Out: -1.239+/-0.399 χ^2/NDF : 7393.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

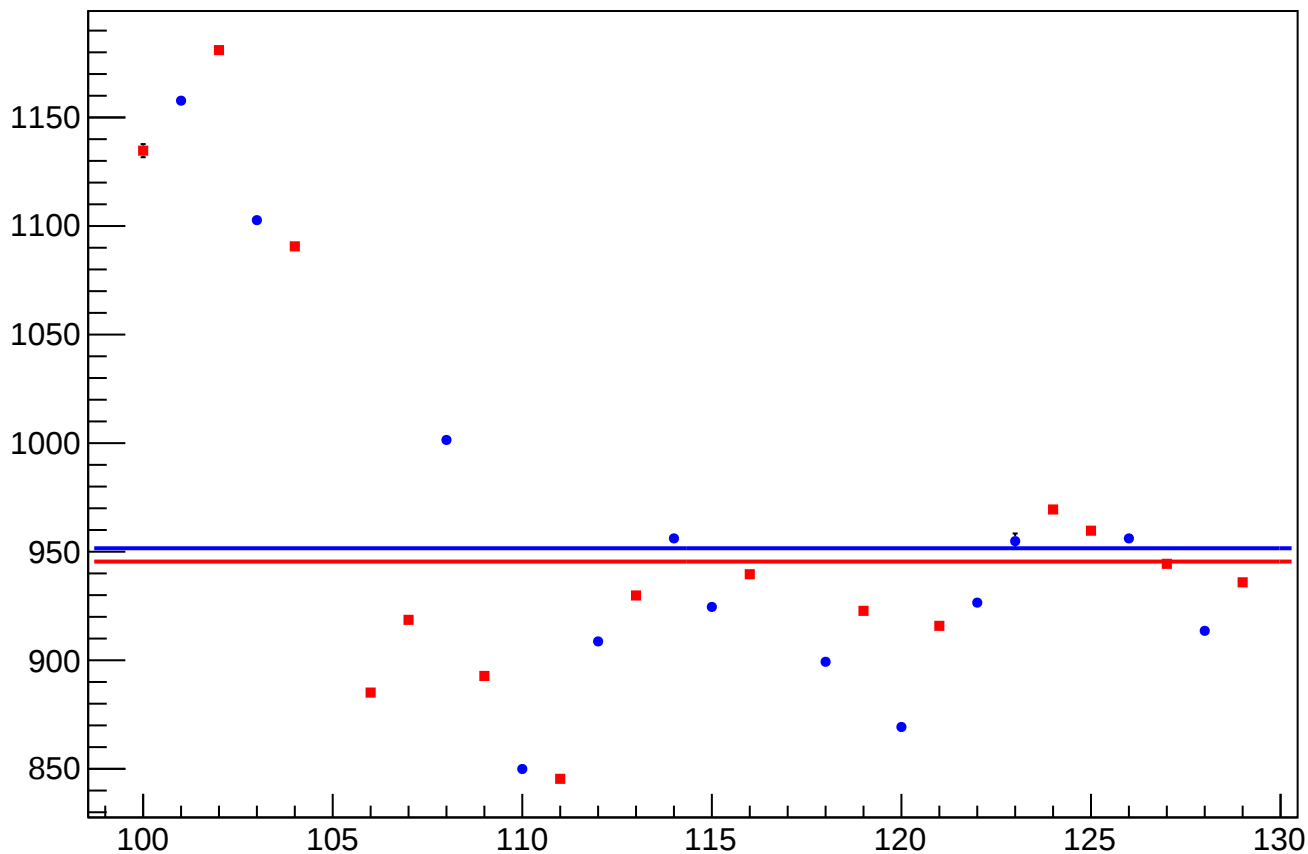
Right: -29.508+/-0.295 χ^2/NDF : 26788.3/27

In: -63.453+/-0.438 χ^2/NDF : 8375.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.508+/-0.295 χ^2/NDF : 26788.3/27

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 951.586+/-0.310 χ^2/NDF : 84510.5/12

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

Right Out: 945.461+/-0.282 χ^2/NDF : 85996.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

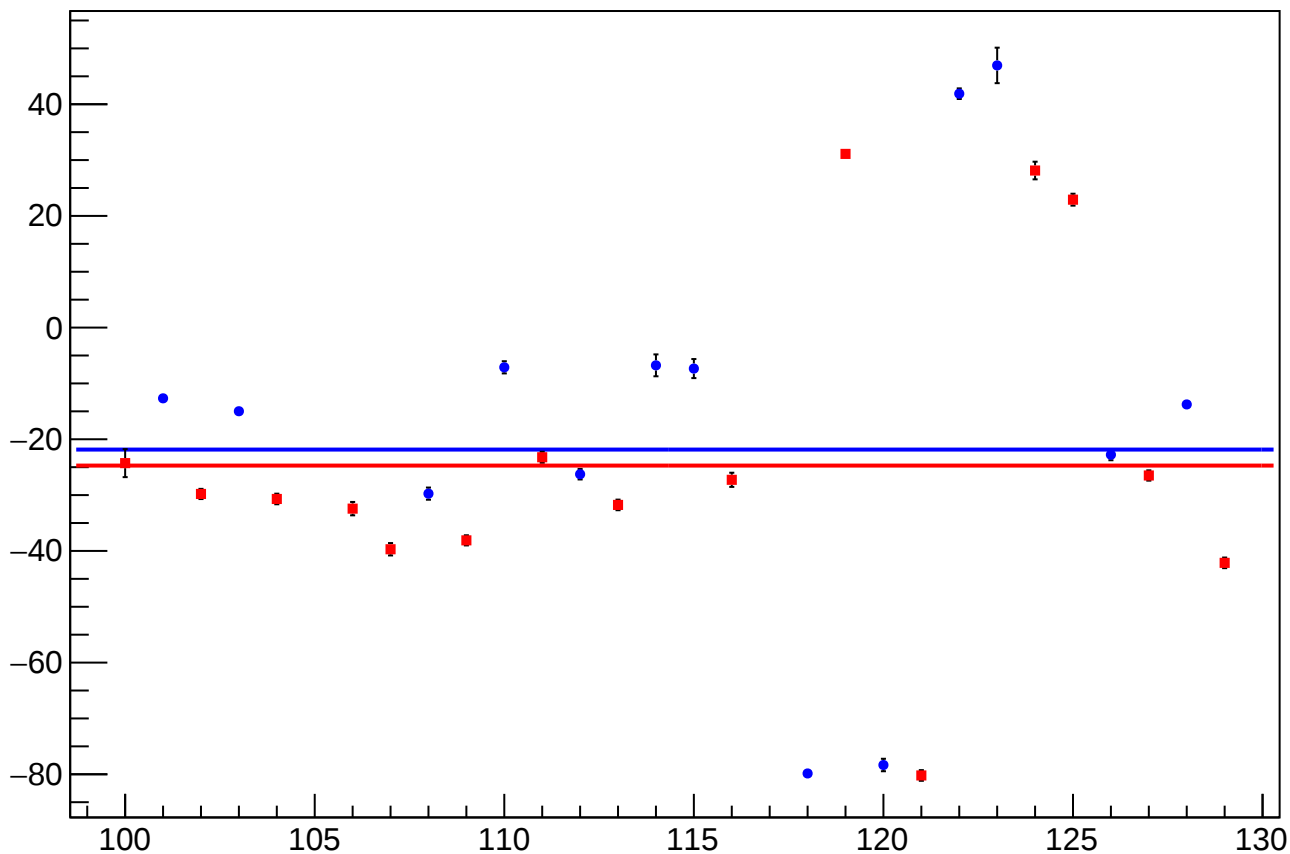
Right: 948.244+/-0.209 χ^2/NDF : 170720.2/27

In: 951.586+/-0.310 χ^2/NDF : 84510.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 948.244+/-0.209 χ^2/NDF : 170720.2/27

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -21.847 ± 0.294 χ^2/NDF : 12363.2/12

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

Right Out: -24.714 ± 0.268 χ^2/NDF : 11476.1/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

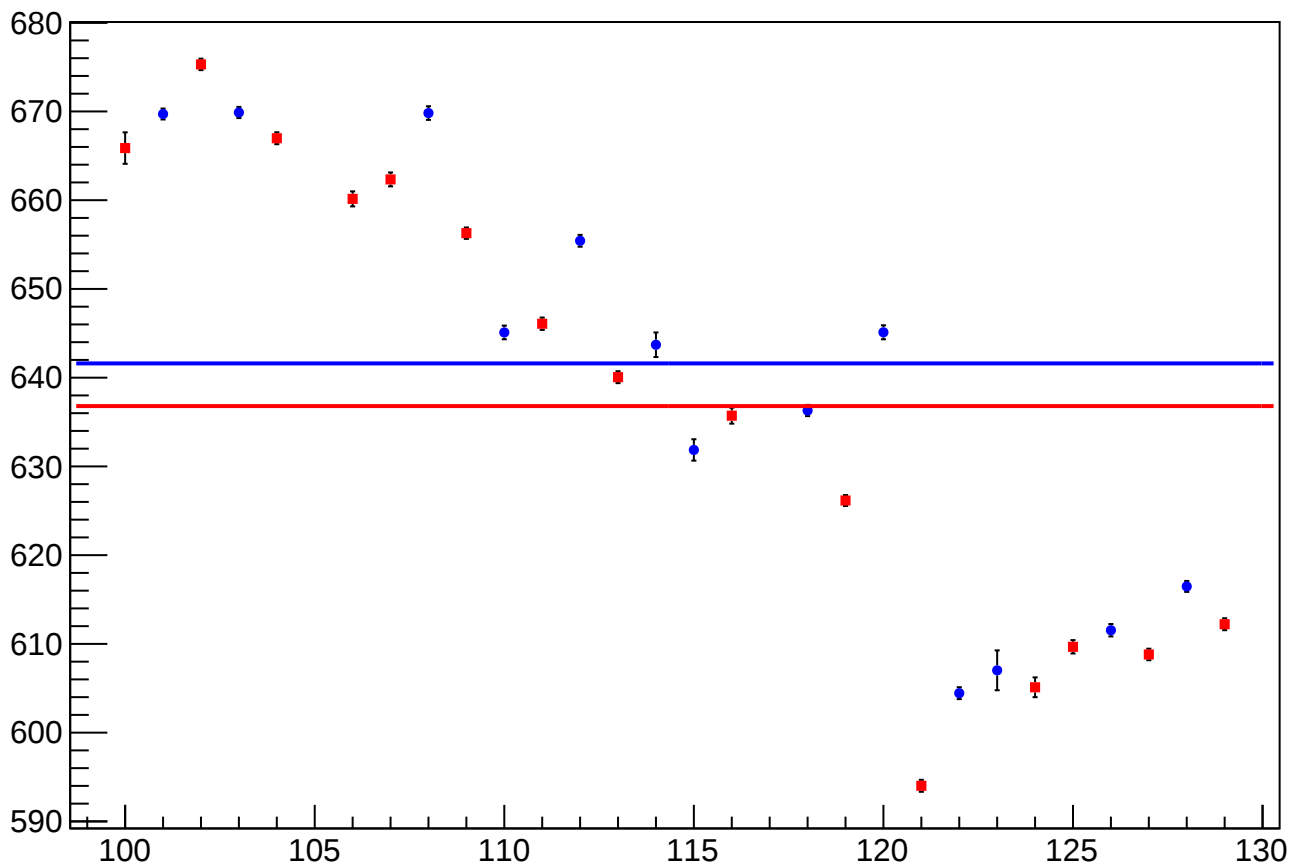
Right: -23.412 ± 0.198 χ^2/NDF : 23891.3/27

In: -21.847 ± 0.294 χ^2/NDF : 12363.2/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -23.412 ± 0.198 χ^2/NDF : 23891.3/27

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 641.609 $\pm$ 0.208 χ^2 /NDF: 12844.8/12

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

Right Out: 636.798 $\pm$ 0.190 χ^2 /NDF: 18360.3/14

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

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

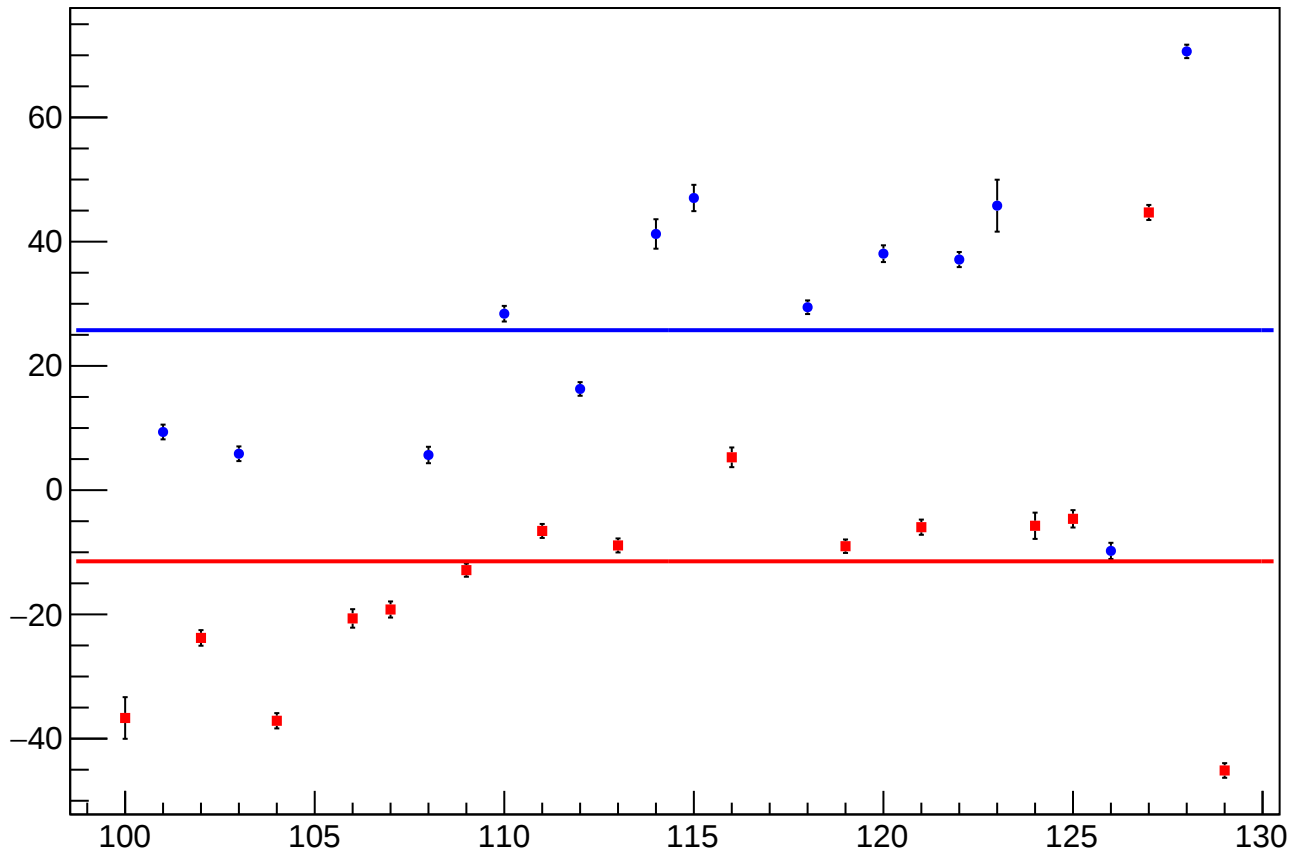
Right: 638.983 $\pm$ 0.140 χ^2 /NDF: 31497.6/27

In: 641.609 $\pm$ 0.208 χ^2 /NDF:12844.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 638.983 $\pm$ 0.140 χ^2 /NDF: 31497.6/27

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 25.749+/-0.367 χ^2/NDF : 3594.7/12

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

Right Out: -11.456+/-0.335 χ^2/NDF : 3810.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

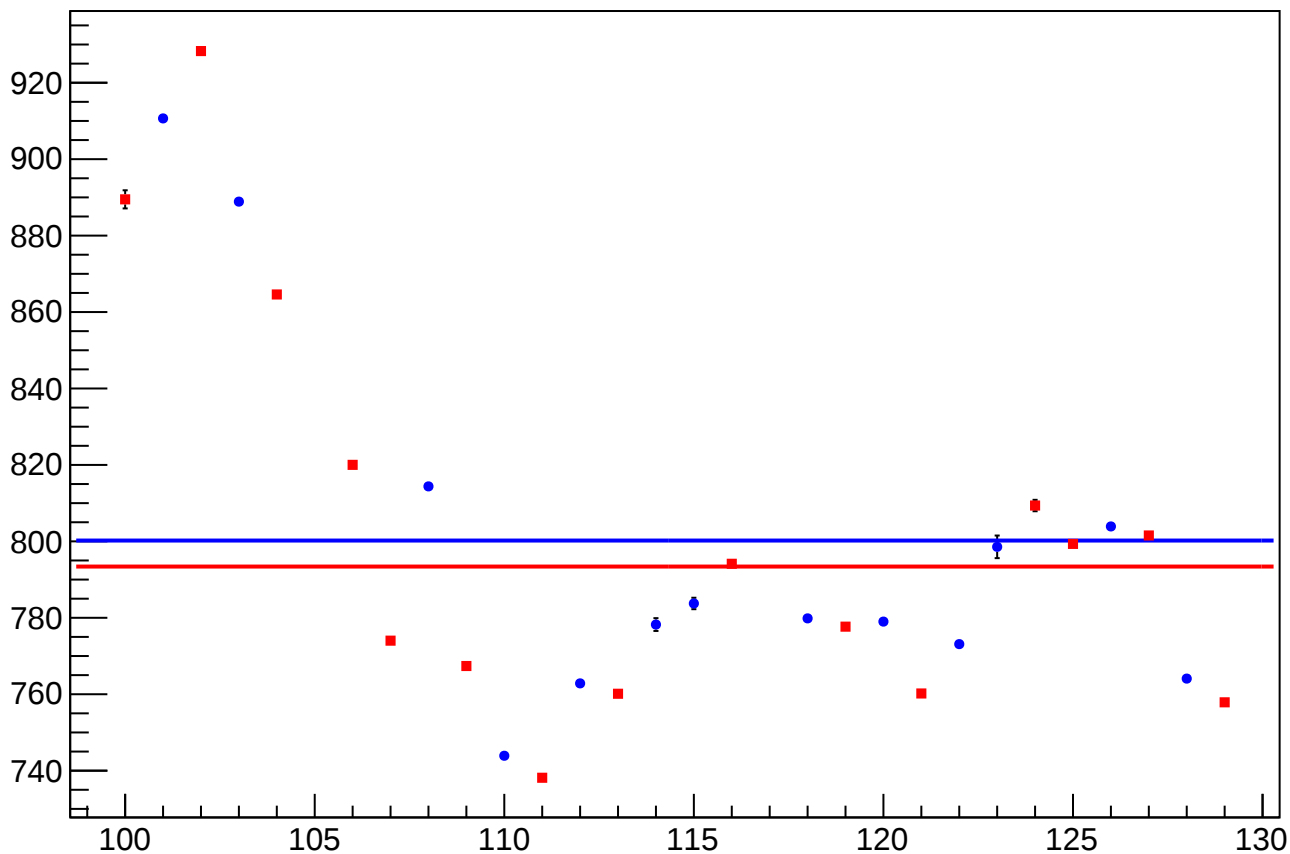
Right: 5.421+/-0.247 χ^2/NDF : 13014.1/27

In: 25.749+/-0.367 χ^2/NDF : 3594.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.421+/-0.247 χ^2/NDF : 13014.1/27

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 800.213+/-0.260 χ^2/NDF : 39827.7/12

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

Right Out: 793.408+/-0.237 χ^2/NDF : 44171.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

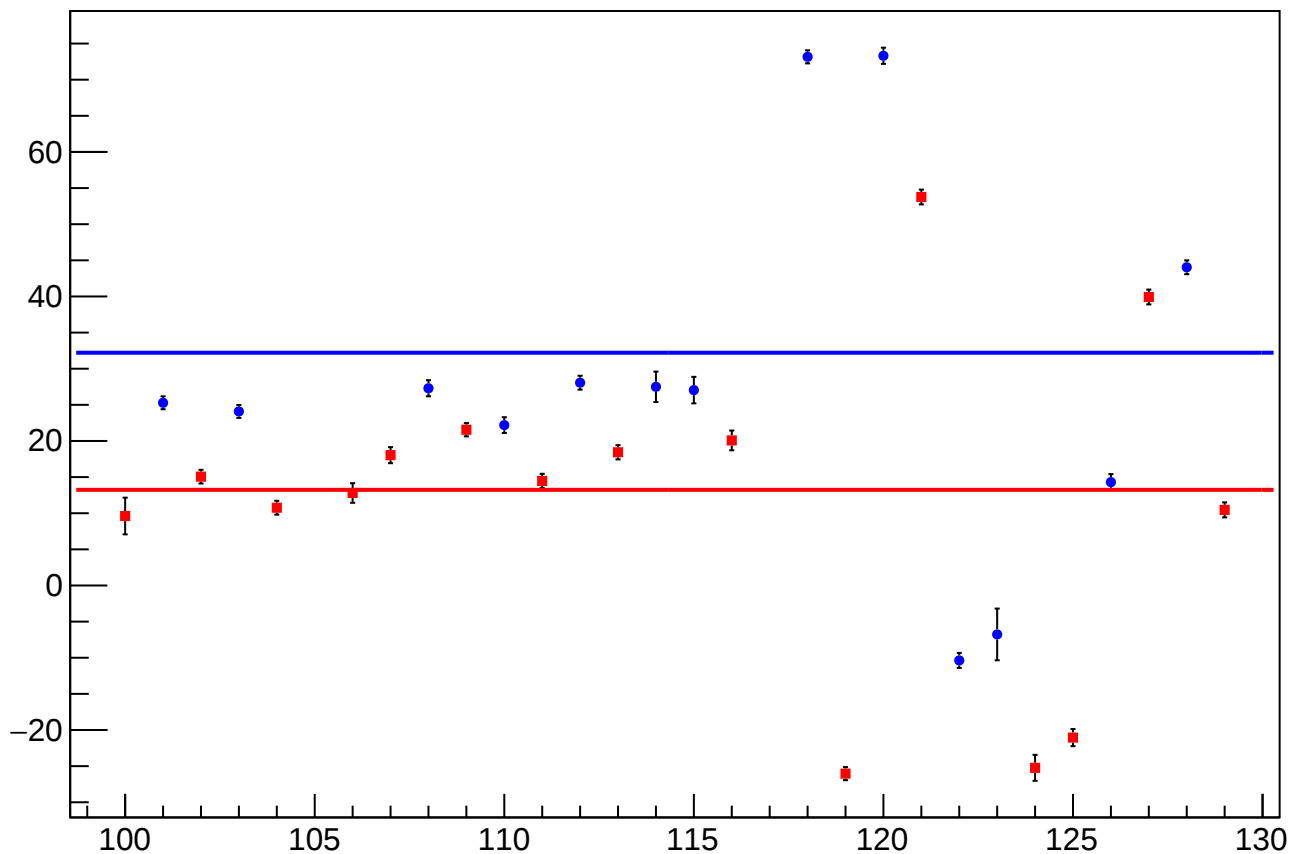
Right: 796.495+/-0.175 χ^2/NDF : 84374.7/27

In: 800.213+/-0.260 χ^2/NDF : 39827.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 796.495+/-0.175 χ^2/NDF : 84374.7/27

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 32.214+/-0.306 χ^2/NDF : 5878.7/12

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

Right Out: 13.238+/-0.282 χ^2/NDF : 5578.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

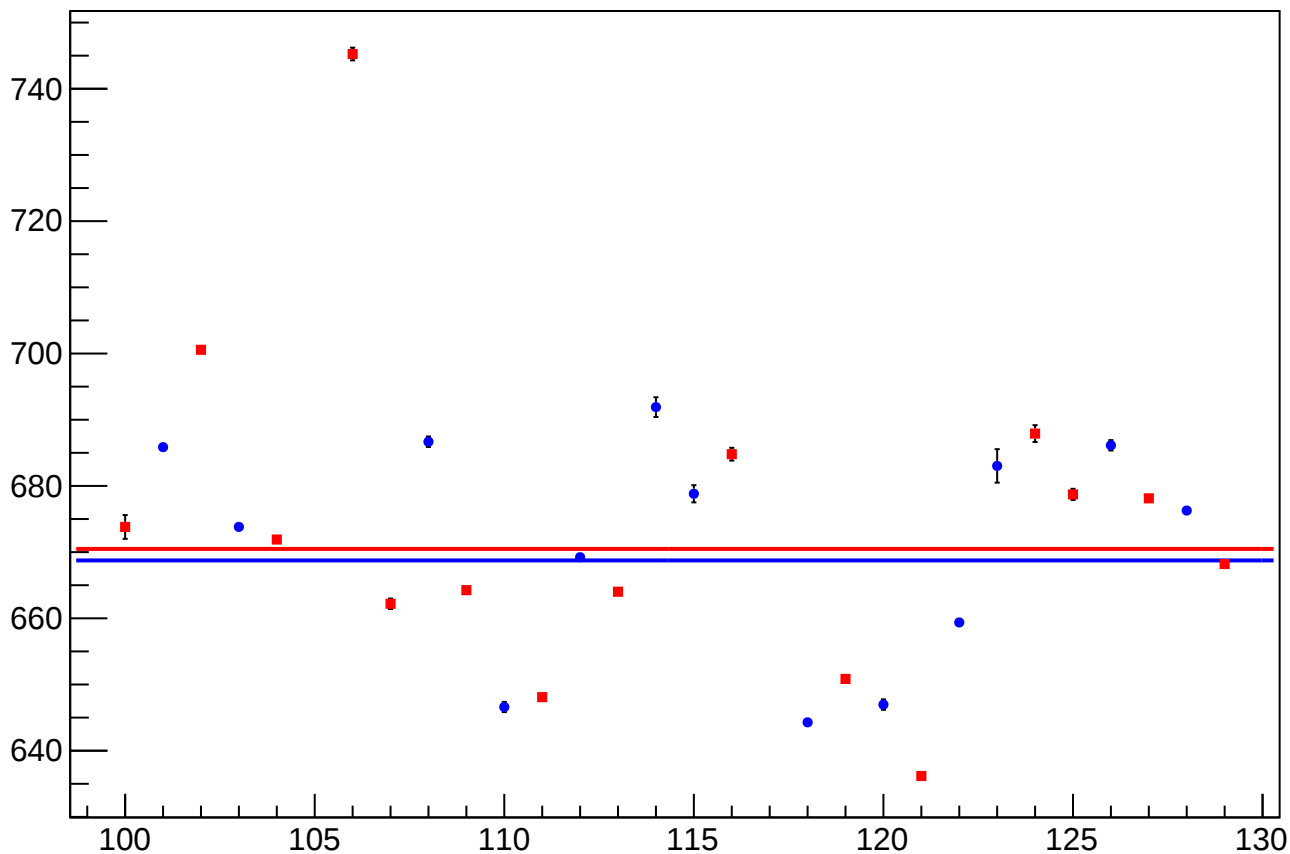
Right: 21.957+/-0.208 χ^2/NDF : 13532.7/27

In: 32.214+/-0.306 χ^2/NDF : 5878.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.957+/-0.208 χ^2/NDF : 13532.7/27

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 668.744+/-0.217 χ^2/NDF : 5454.8/12

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

Right Out: 670.484+/-0.200 χ^2/NDF : 13203.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

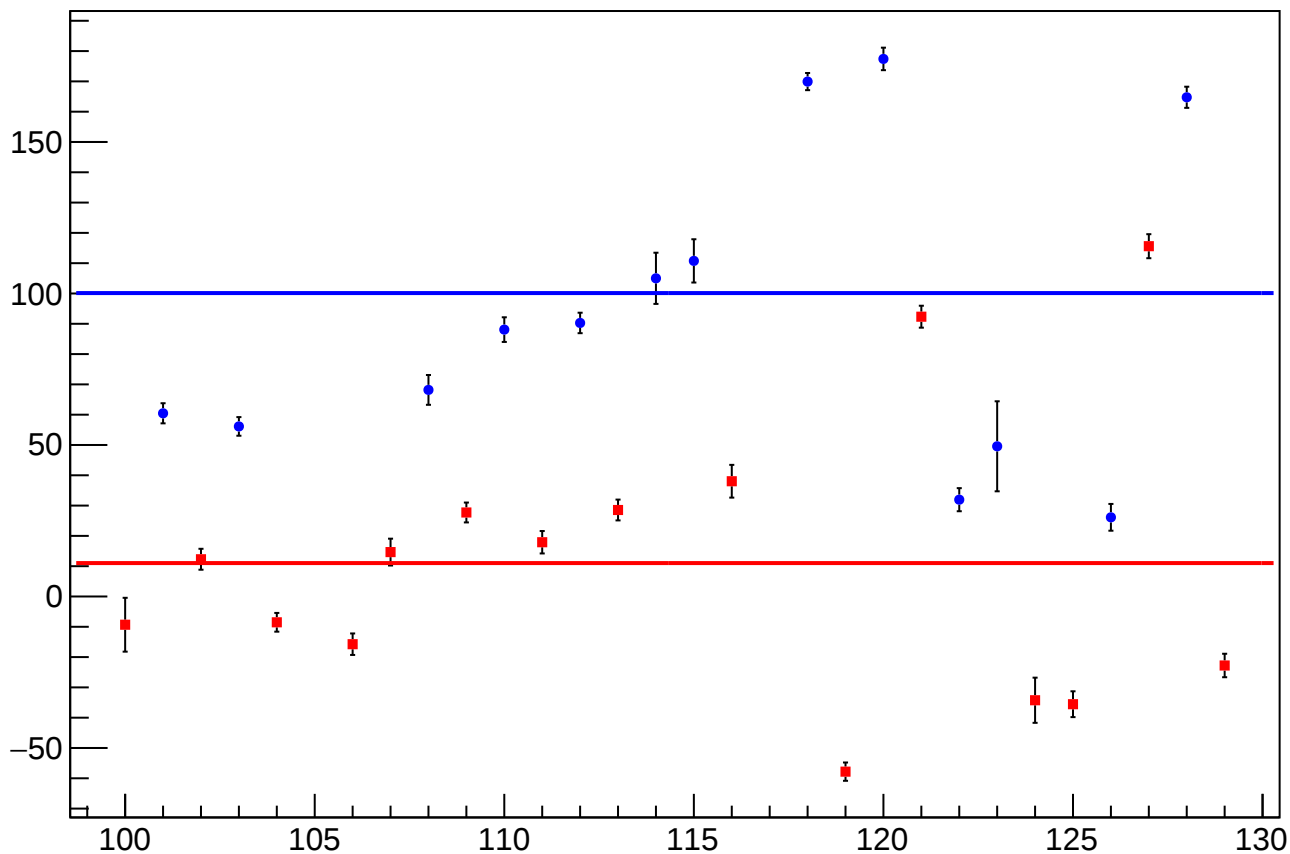
Right: 669.685+/-0.147 χ^2/NDF : 18693.1/27

In: 668.744+/-0.217 χ^2/NDF : 5454.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 669.685+/-0.147 χ^2/NDF : 18693.1/27

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 100.137+/-1.102 χ^2/NDF : 2404.9/12

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

Right Out: 11.027+/-0.997 χ^2/NDF : 2135.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

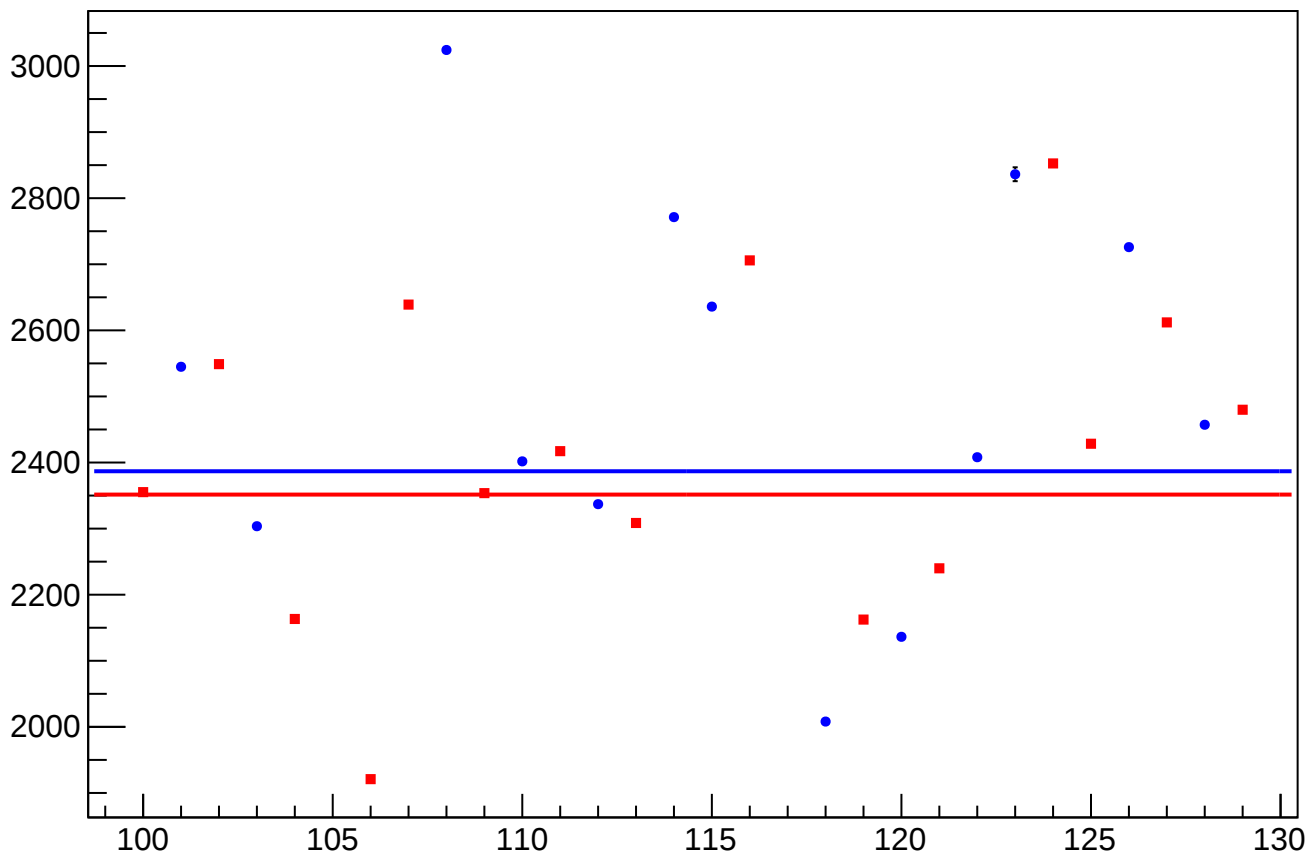
Right: 51.135+/-0.739 χ^2/NDF : 8135.0/27

In: 100.137+/-1.102 χ^2/NDF :2404.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 51.135+/-0.739 χ^2/NDF : 8135.0/27

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2386.800+/-0.779 χ^2/NDF : 105976.9/12

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

Right Out: 2351.492+/-0.705 χ^2/NDF : 91673.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

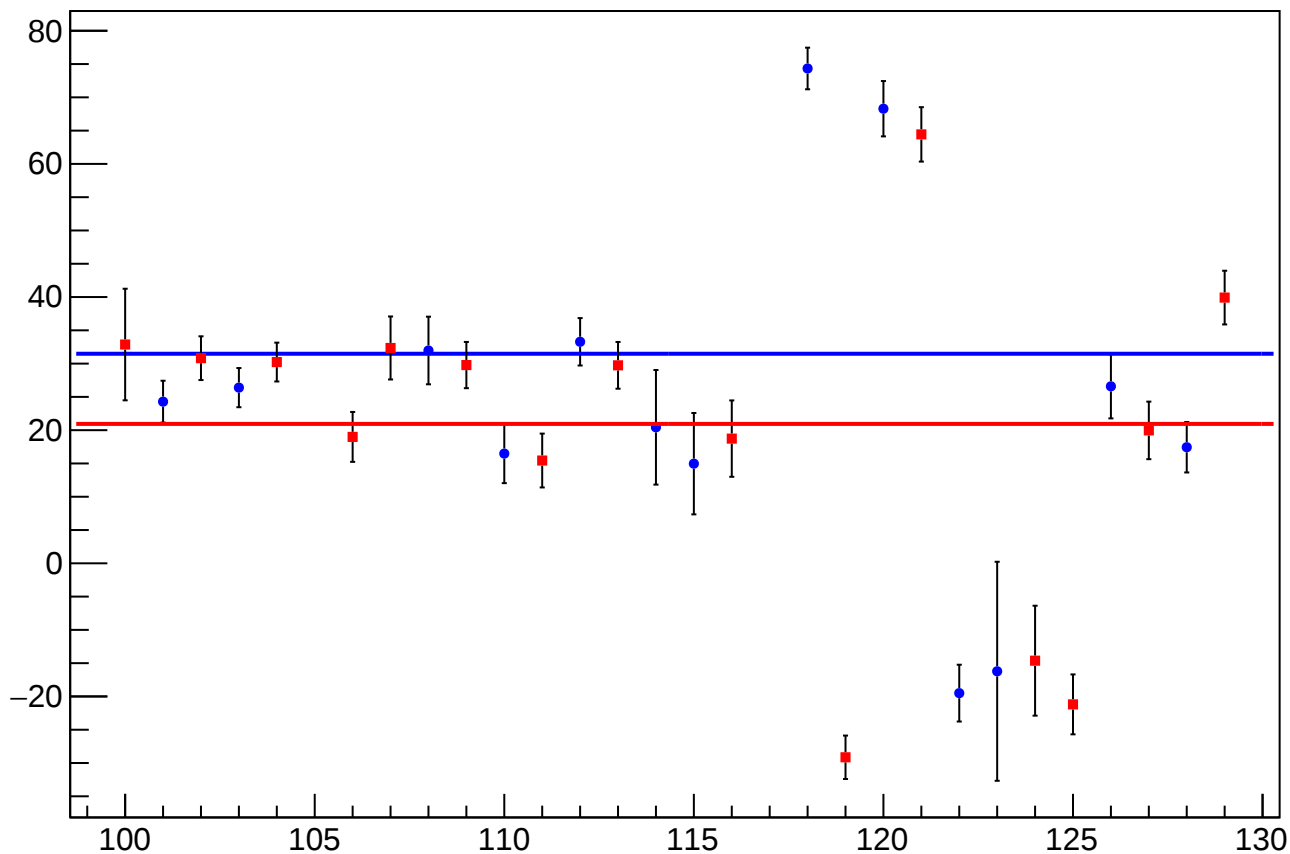
Right: 2367.384+/-0.523 χ^2/NDF : 198779.6/27

In: 2386.800+/-0.779 χ^2/NDF : 105976.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2367.384+/-0.523 χ^2/NDF : 198779.6/27

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 31.482+/-1.157 χ^2/NDF : 458.5/12

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

Right Out: 20.941+/-1.038 χ^2/NDF : 519.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

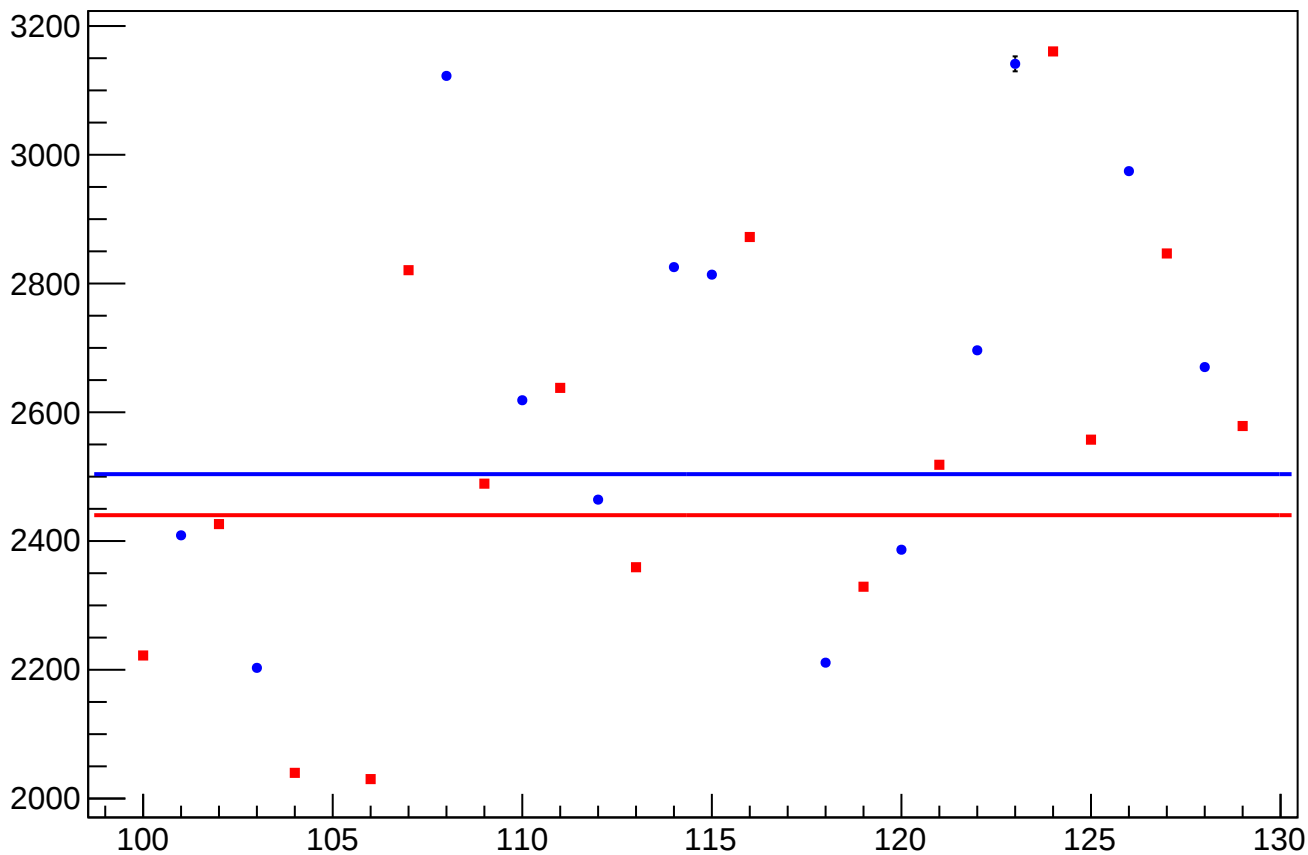
Right: 25.642+/-0.772 χ^2/NDF : 1023.8/27

In: 31.482+/-1.157 χ^2/NDF : 458.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.642+/-0.772 χ^2/NDF : 1023.8/27

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2503.884+/-0.818 χ^2/NDF : 109236.6/12

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

Right Out: 2440.151+/-0.734 χ^2/NDF : 133176.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

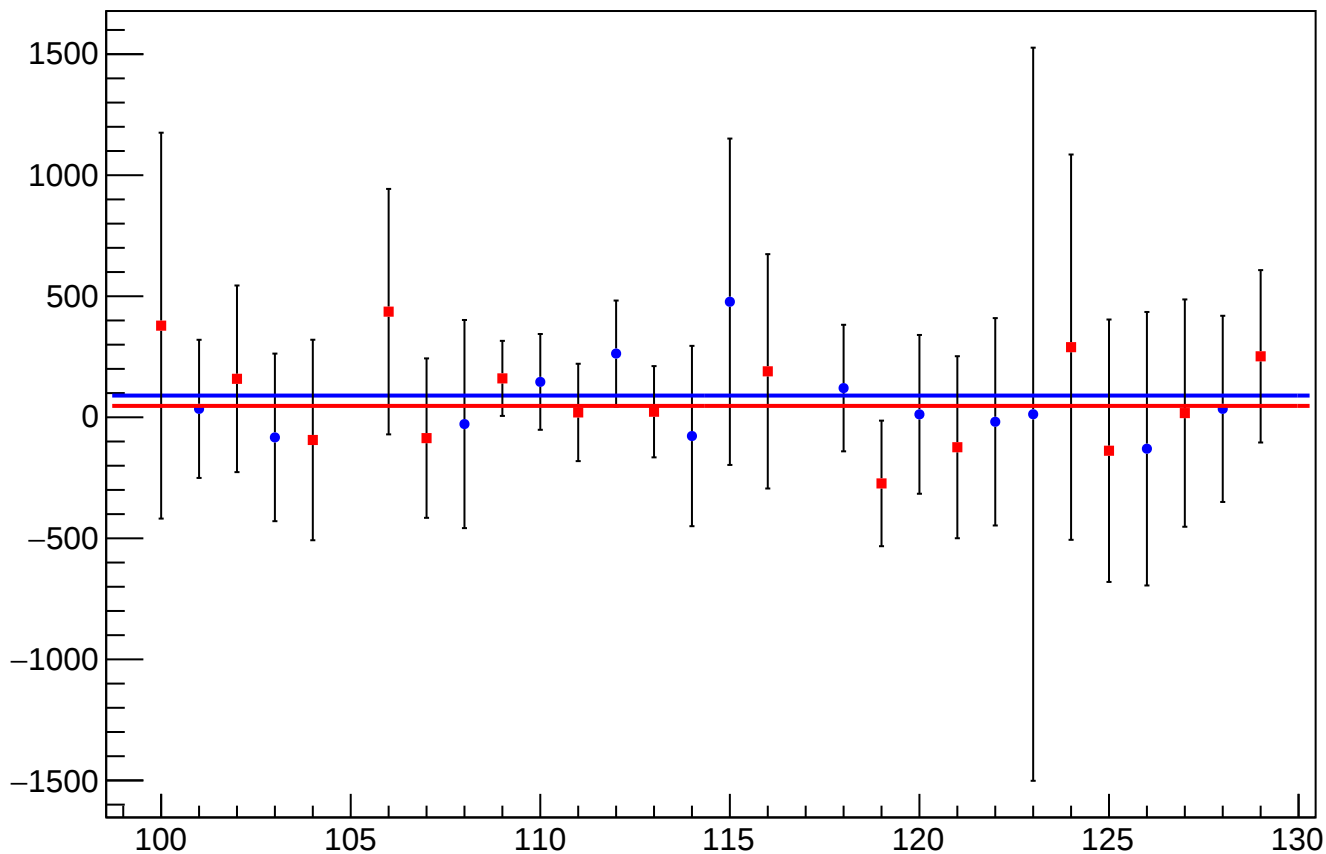
Right: 2468.572+/-0.546 χ^2/NDF : 245776.3/27

In: 2503.884+/-0.818 χ^2/NDF : 109236.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2468.572+/-0.546 χ^2/NDF : 245776.3/27

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 89.764+/-90.699 χ^2/NDF : 1.9/12

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

Right Out: 47.069+/-77.764 χ^2/NDF : 4.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

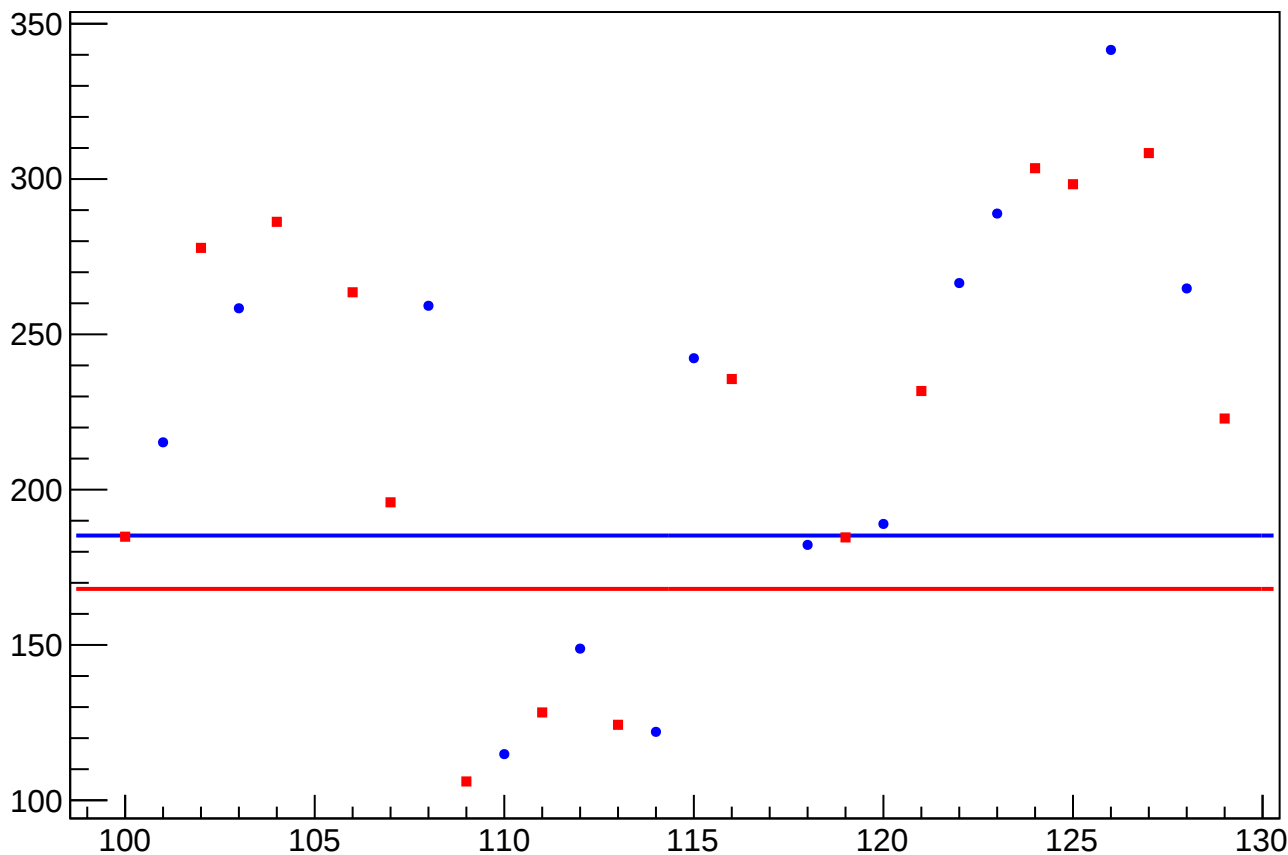
Right: 65.158+/-59.036 χ^2/NDF : 6.1/27

In: 89.764+/-90.699 χ^2/NDF : 1.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.158+/-59.036 χ^2/NDF : 6.1/27

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 185.226+/-0.064 χ^2/NDF : 871703.1/12

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

Right Out: 168.047+/-0.055 χ^2/NDF : 1421405.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

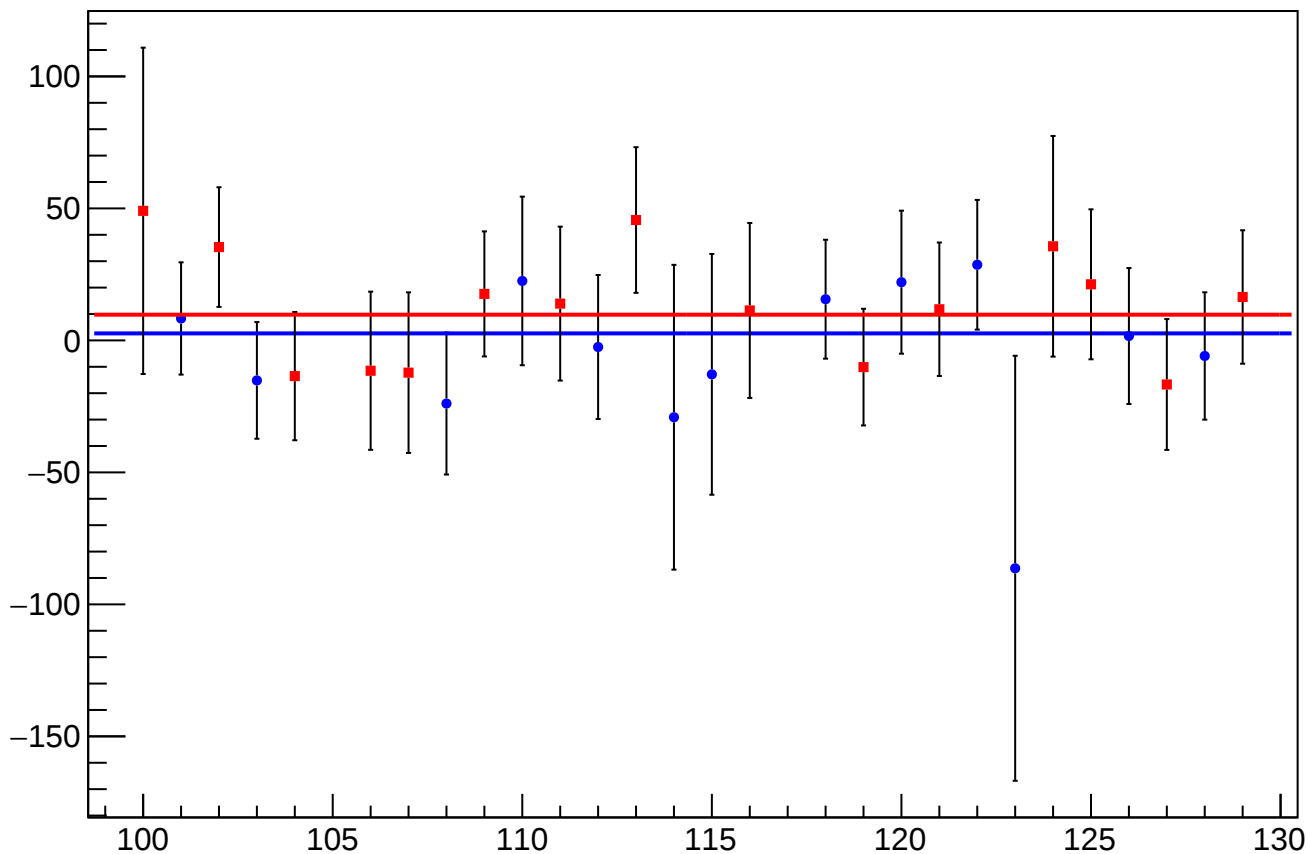
Right: 175.325+/-0.042 χ^2/NDF : 2334456.4/27

In: 185.226+/-0.064 χ^2/NDF :871703.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 175.325+/-0.042 χ^2/NDF : 2334456.4/27

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 2.649+/-7.643 χ^2/NDF : 5.9/12

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

Right Out: 9.738+/-7.089 χ^2/NDF : 8.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

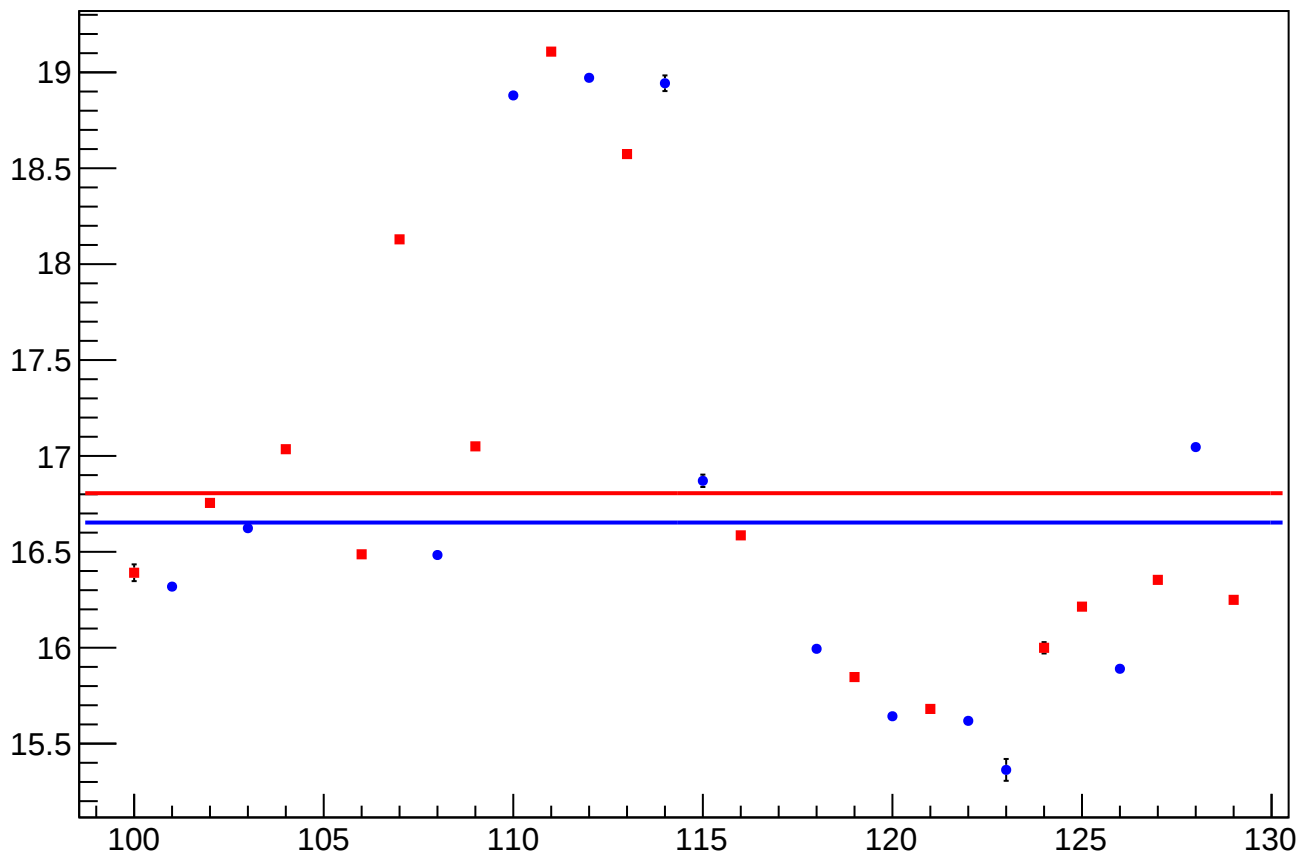
Right: 6.460+/-5.198 χ^2/NDF : 14.3/27

In: 2.649+/-7.643 χ^2/NDF : 5.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.460+/-5.198 χ^2/NDF : 14.3/27

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.653+/-0.005 χ^2/NDF : 38779.2/12

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

Right Out: 16.806+/-0.005 χ^2/NDF : 36249.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

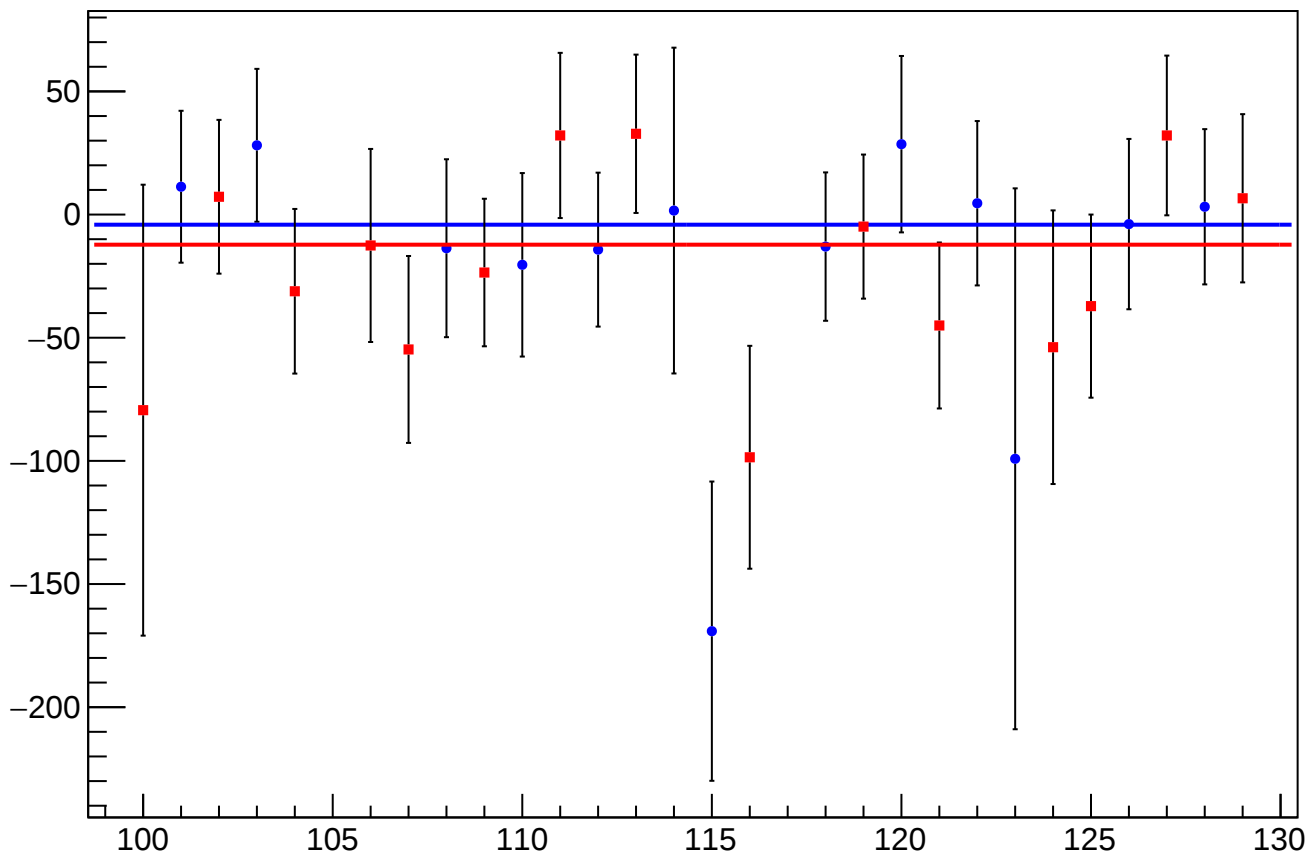
Right: 16.735+/-0.004 χ^2/NDF : 75460.1/27

In: 16.653+/-0.005 χ^2/NDF : 38779.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.735+/-0.004 χ^2/NDF : 75460.1/27

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.113 ± 10.098 χ^2/NDF : 10.9/12

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

Right Out: -12.229 ± 9.224 χ^2/NDF : 14.2/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

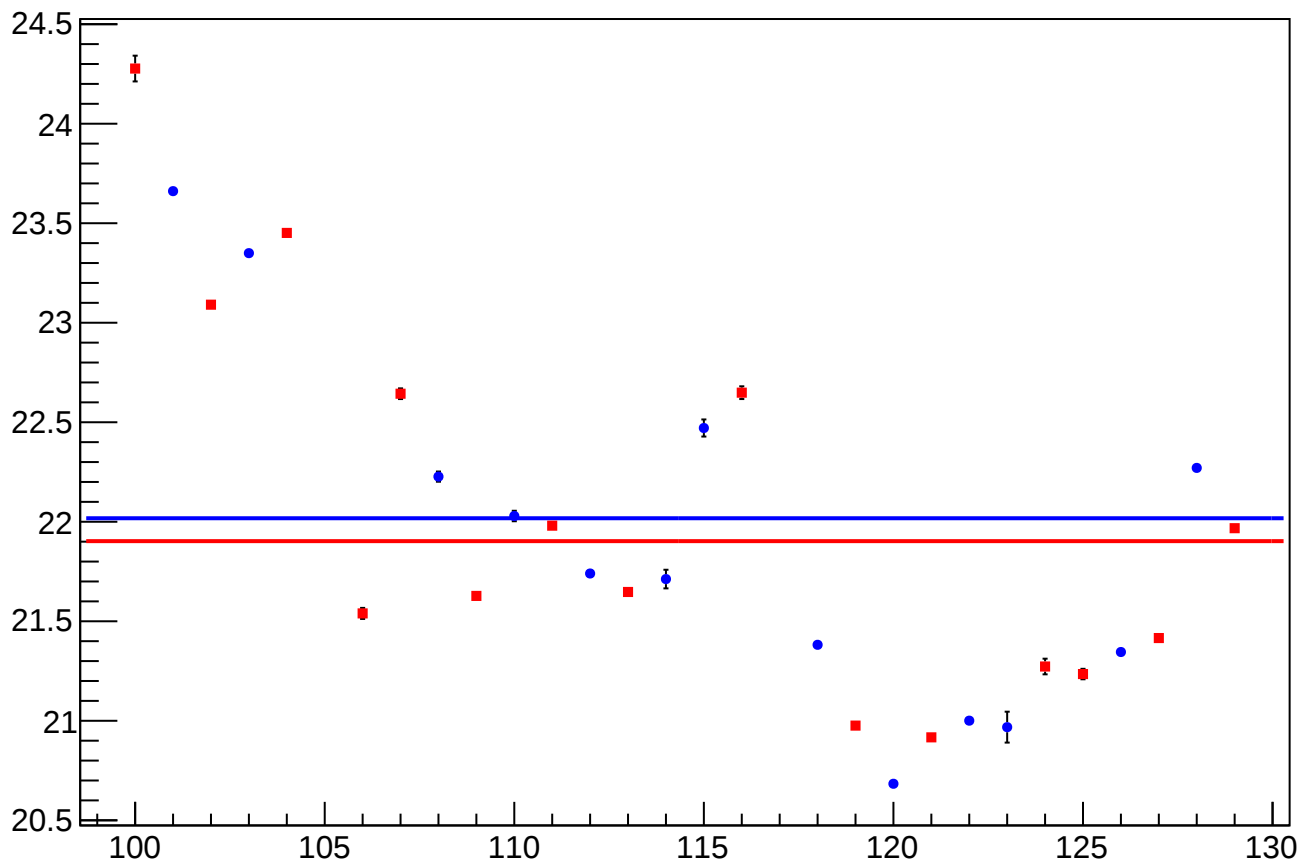
Right: -8.537 ± 6.810 χ^2/NDF : 25.4/27

In: -4.113 ± 10.098 χ^2/NDF : 10.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.537 ± 6.810 χ^2/NDF : 25.4/27

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.018+/-0.007 χ^2/NDF : 16338.5/12

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

Right Out: 21.903+/-0.007 χ^2/NDF : 15403.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

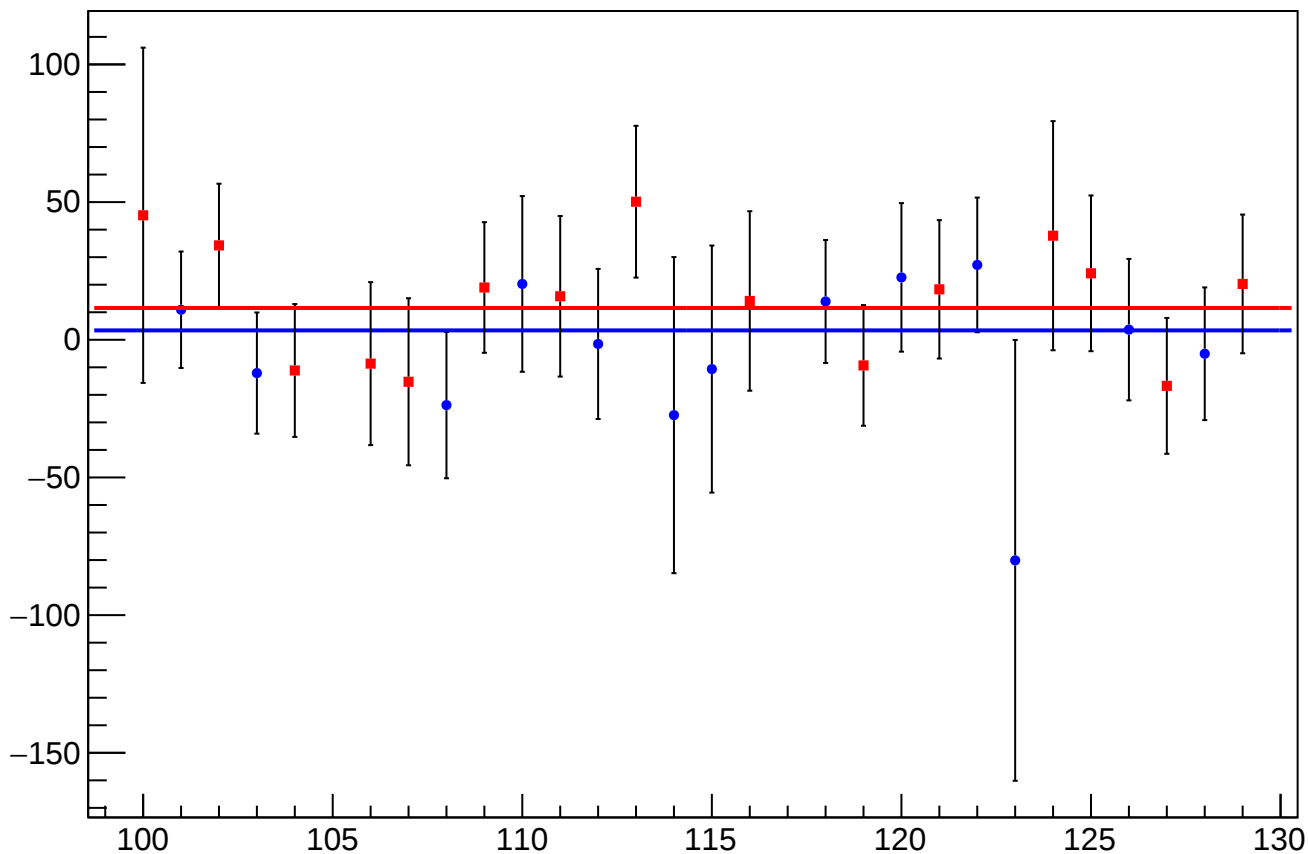
Right: 21.955+/-0.005 χ^2/NDF : 31883.1/27

In: 22.018+/-0.007 χ^2/NDF : 16338.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.955+/-0.005 χ^2/NDF : 31883.1/27

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.410 $\pm$ 7.604 χ^2 /NDF: 5.3/12

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

Right Out: 11.553 $\pm$ 7.047 χ^2 /NDF: 8.6/14

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

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

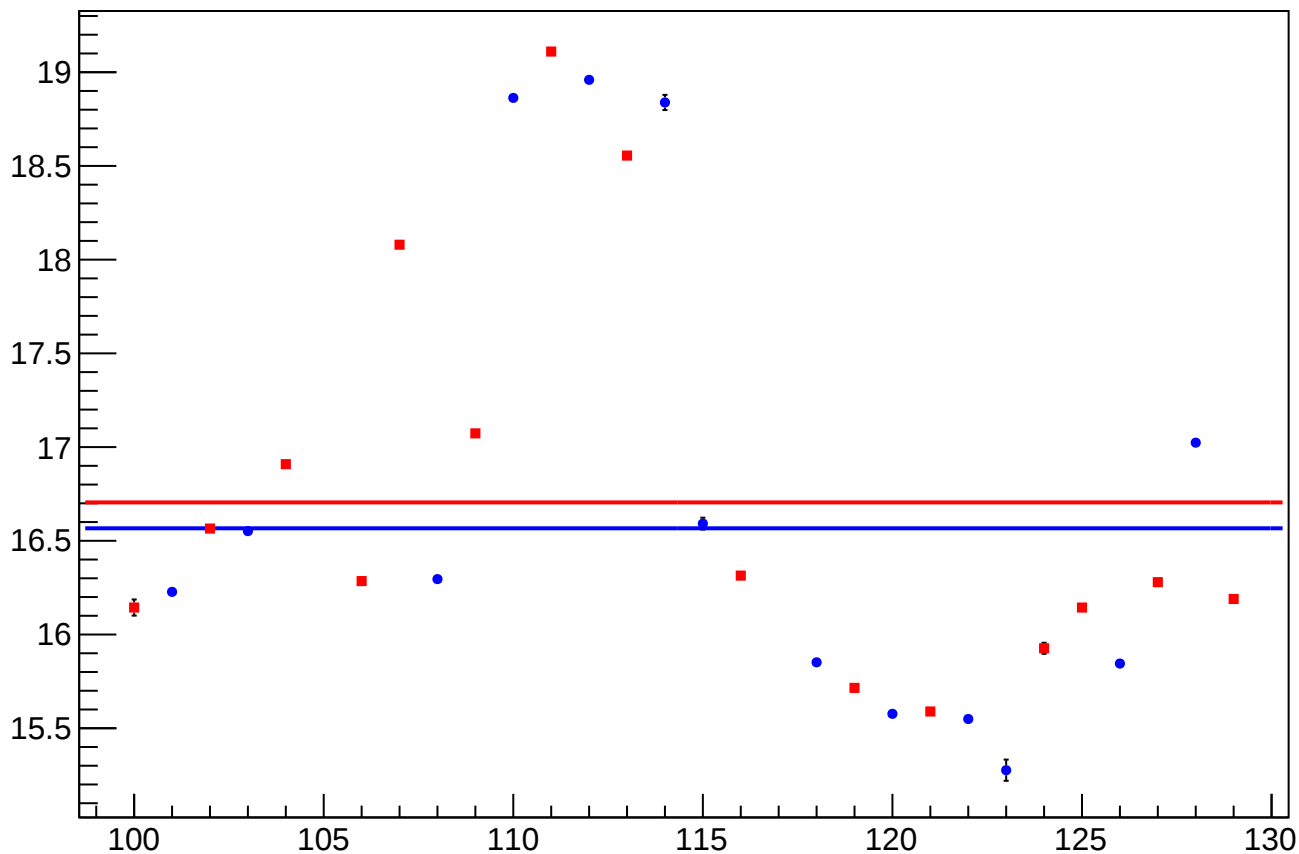
Right: 7.791 $\pm$ 5.169 χ^2 /NDF: 14.4/27

In: 3.410 $\pm$ 7.604 χ^2 /NDF:5.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 7.791 $\pm$ 5.169 χ^2 /NDF: 14.4/27

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.567+/-0.005 χ^2/NDF : 40645.7/12

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

Right Out: 16.705+/-0.005 χ^2/NDF : 39233.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

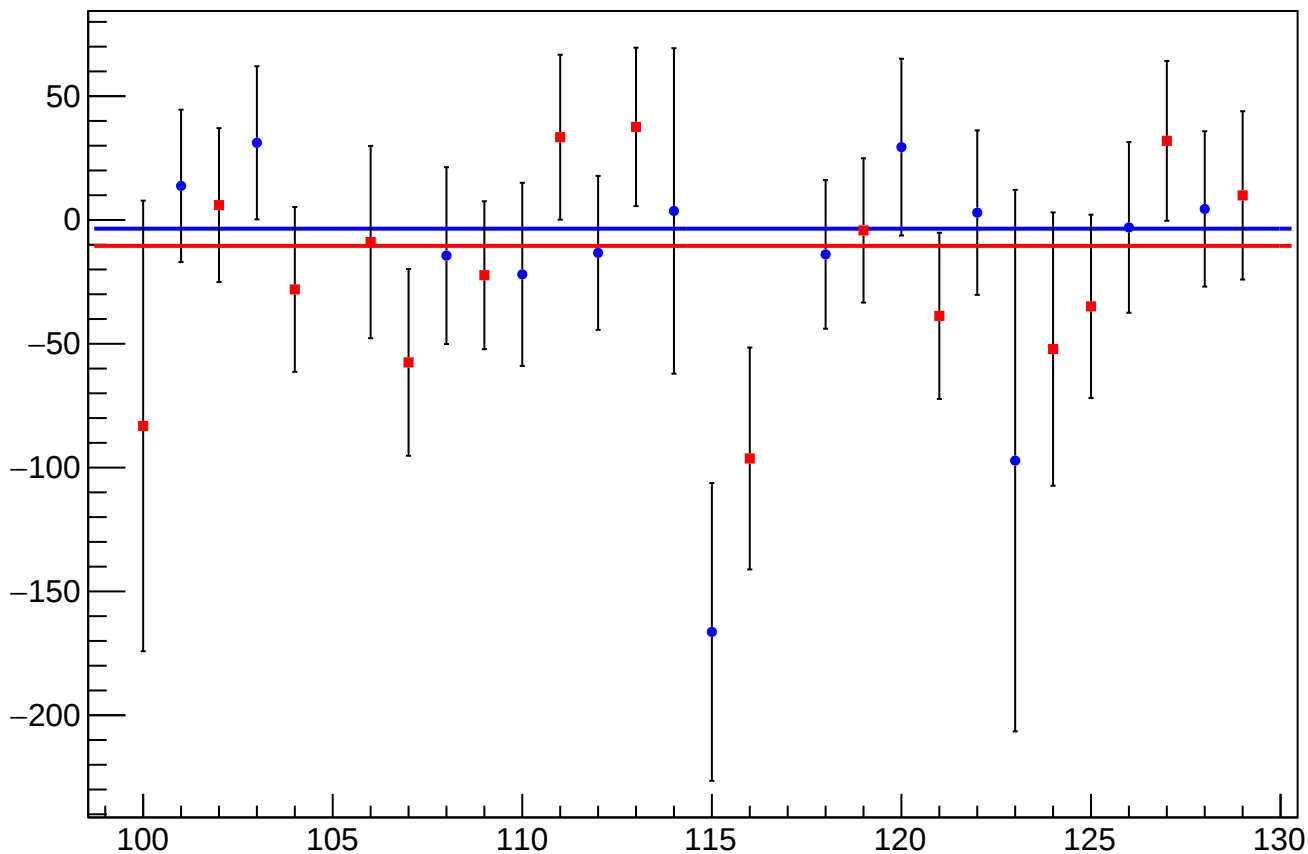
Right: 16.641+/-0.004 χ^2/NDF : 80234.2/27

In: 16.567+/-0.005 χ^2/NDF : 40645.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.641+/-0.004 χ^2/NDF : 80234.2/27

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -3.517 ± 10.049 $\chi^2/\text{NDF}: 11.2/12$

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

Right Out: -10.461 ± 9.177 $\chi^2/\text{NDF}: 14.4/14$

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

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

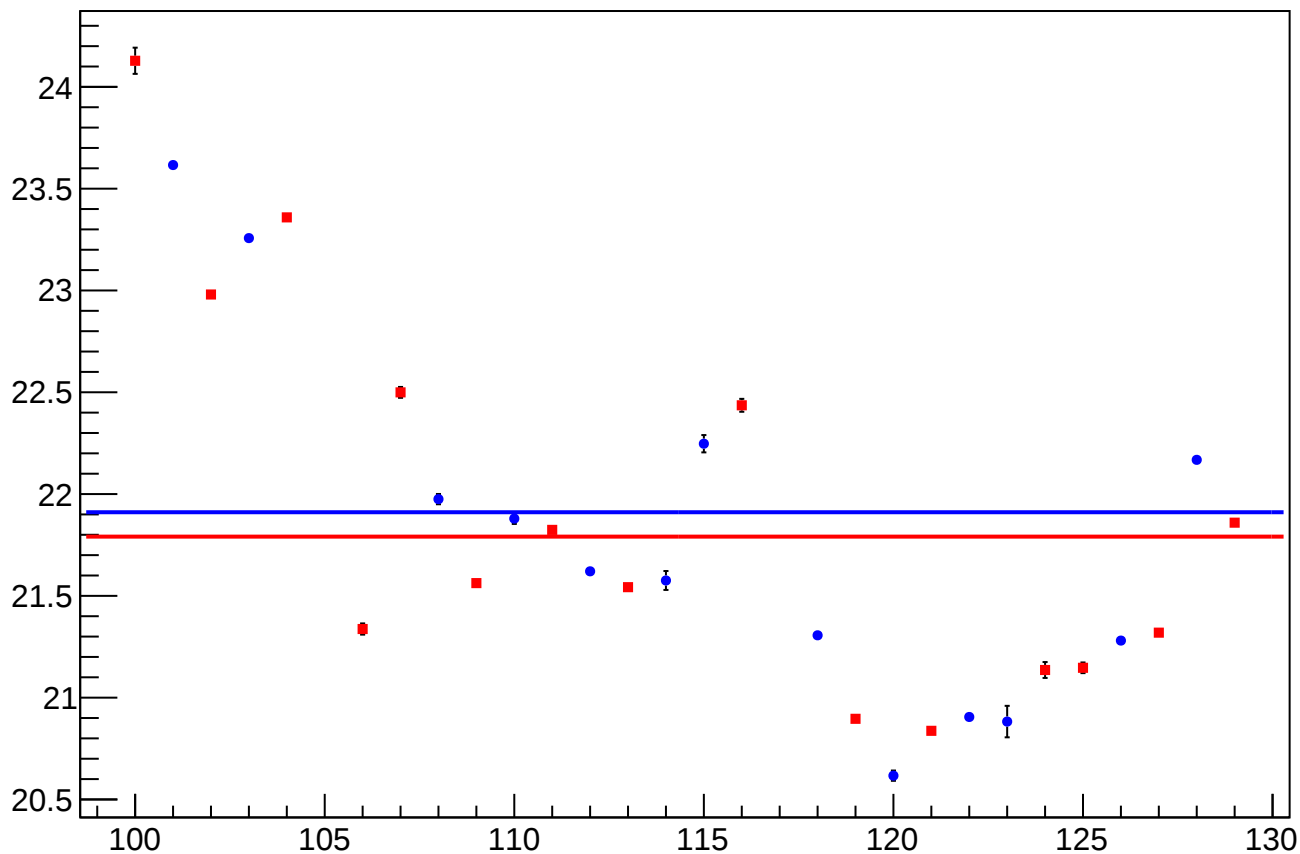
Right: -7.304 ± 6.776 $\chi^2/\text{NDF}: 25.9/27$

In: -3.517 ± 10.049 $\chi^2/\text{NDF}: 11.2/12$

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

All: -7.304 ± 6.776 $\chi^2/\text{NDF}: 25.9/27$

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 21.911+/-0.007 χ^2/NDF : 16485.4/12

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

Right Out: 21.791+/-0.006 χ^2/NDF : 15147.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

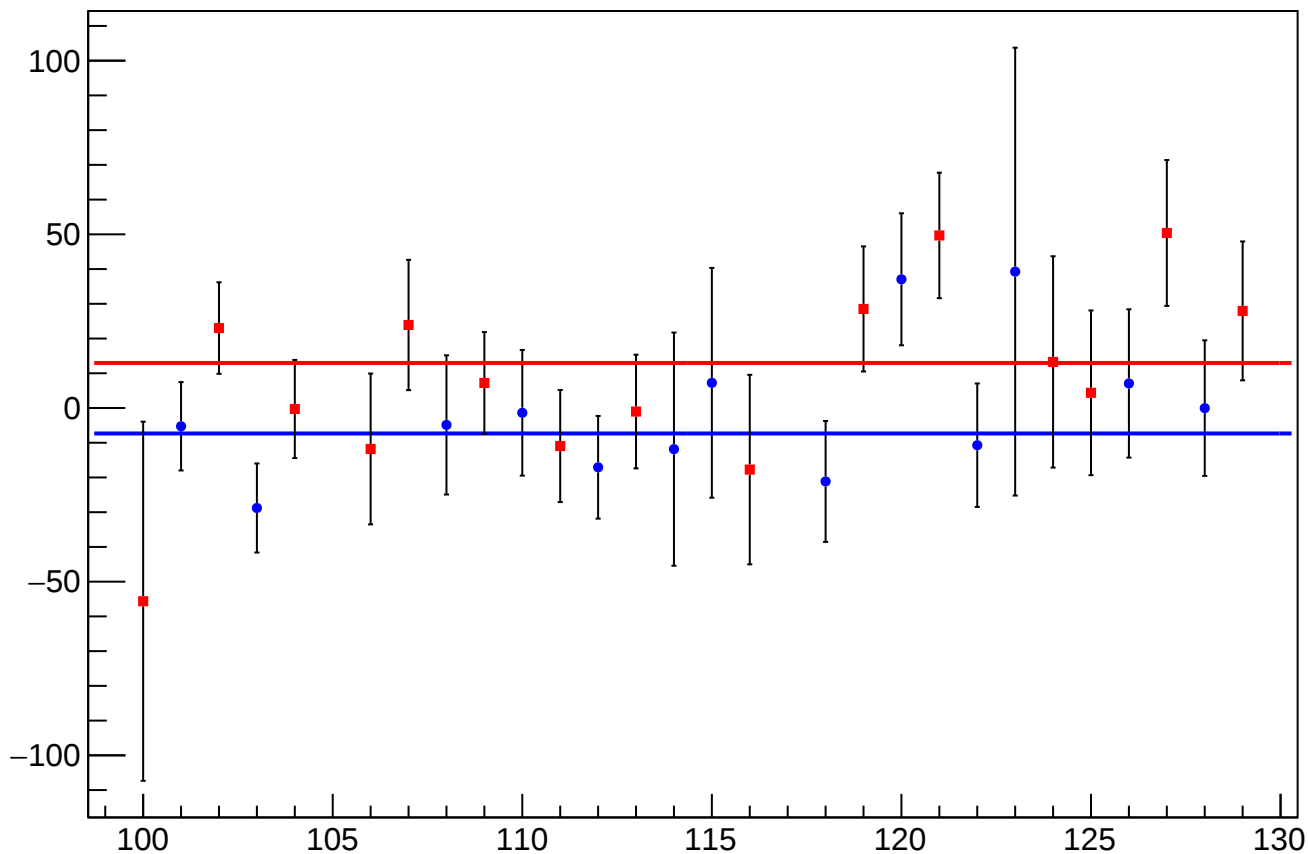
Right: 21.845+/-0.005 χ^2/NDF : 31787.5/27

In: 21.911+/-0.007 χ^2/NDF : 16485.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.845+/-0.005 χ^2/NDF : 31787.5/27

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.332 ± 5.098 χ^2/NDF : 10.8/12

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

Right Out: 12.969 ± 4.797 χ^2/NDF : 18.0/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

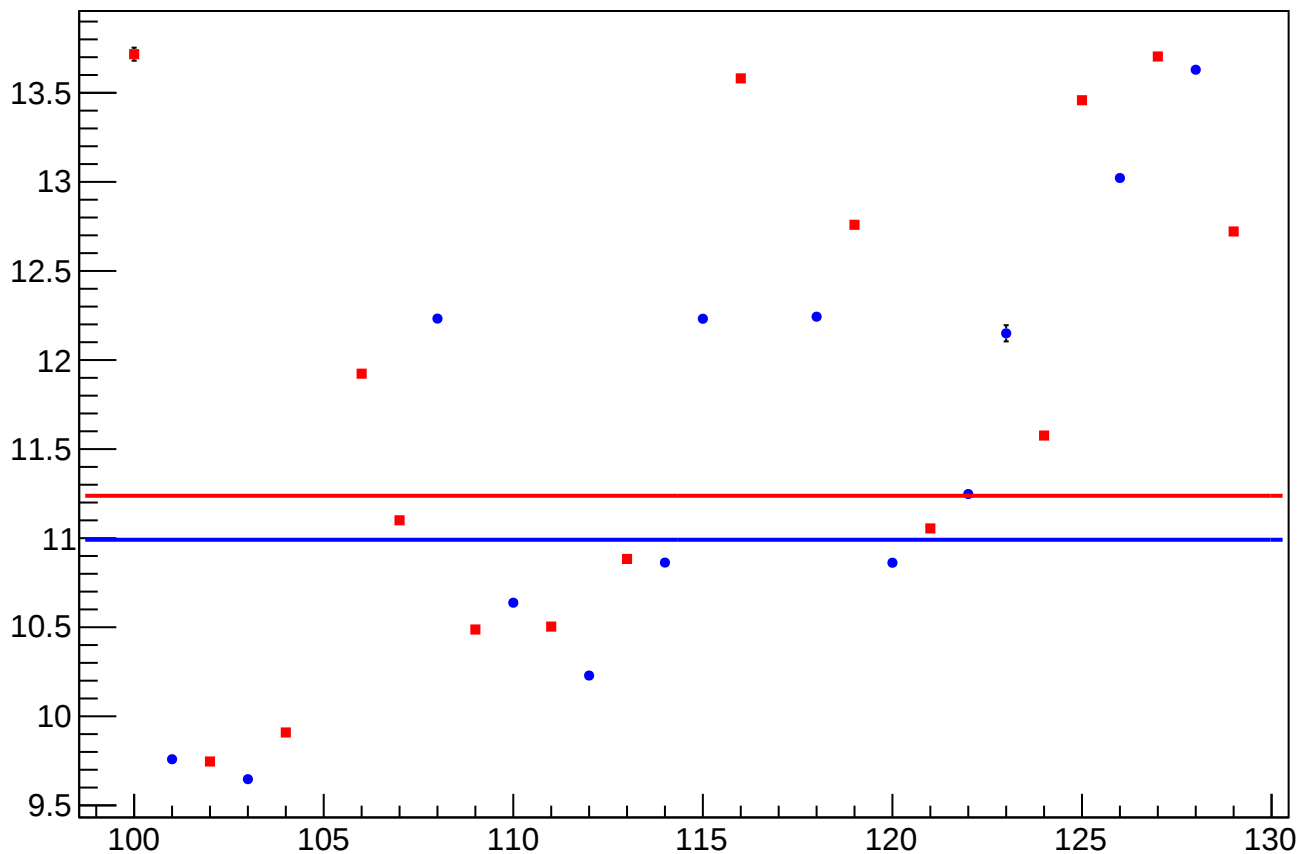
Right: 3.434 ± 3.494 χ^2/NDF : 37.2/27

In: -7.332 ± 5.098 χ^2/NDF : 10.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 3.434 ± 3.494 χ^2/NDF : 37.2/27

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.991+/-0.004 χ^2/NDF : 123465.4/12

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

Right Out: 11.238+/-0.003 χ^2/NDF : 145929.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

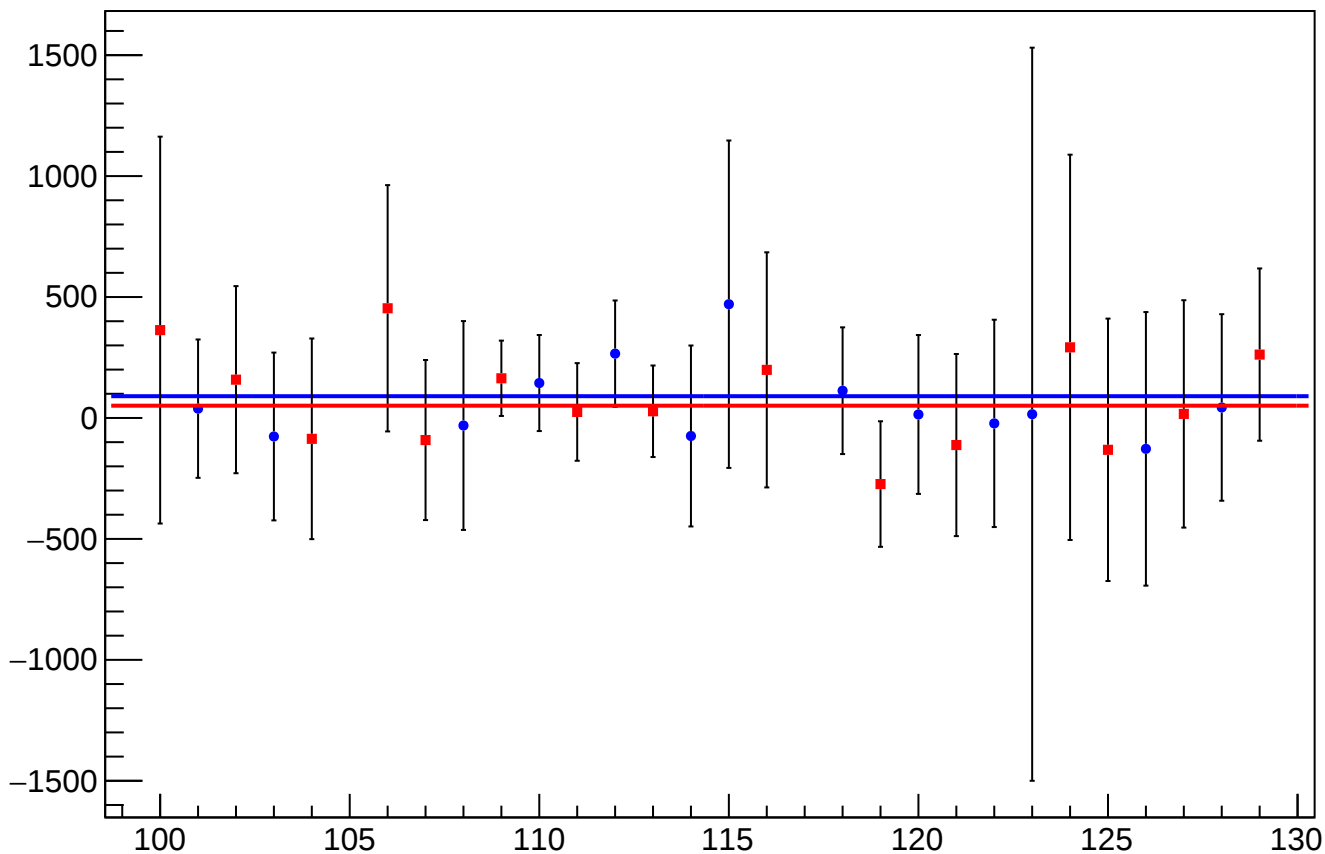
Right: 11.122+/-0.002 χ^2/NDF : 271882.2/27

In: 10.991+/-0.004 χ^2/NDF : 123465.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.122+/-0.002 χ^2/NDF : 271882.2/27

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: 90.037+/-90.959 χ^2/NDF : 1.9/12

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

Right Out: 50.796+/-78.018 χ^2/NDF : 4.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

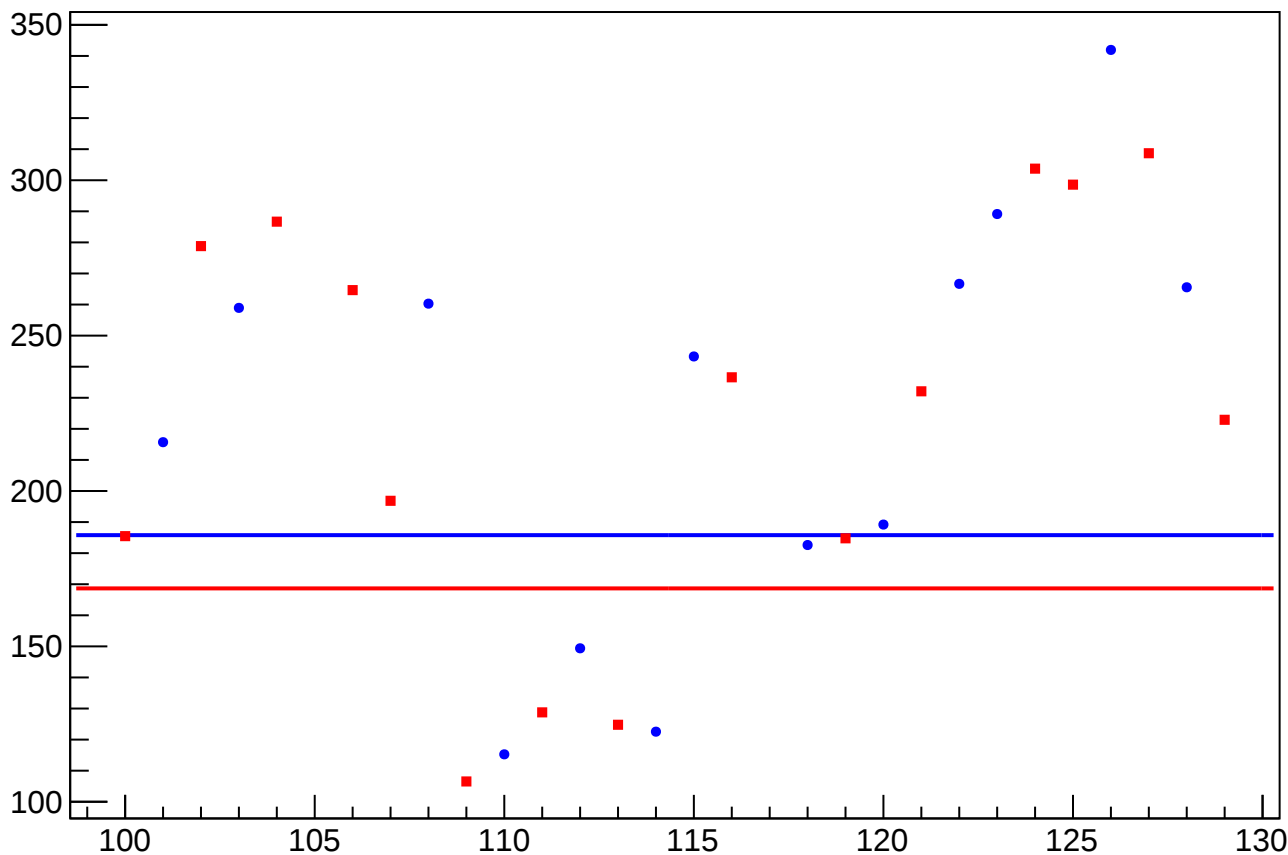
Right: 67.428+/-59.219 χ^2/NDF : 6.1/27

In: 90.037+/-90.959 χ^2/NDF : 1.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.428+/-59.219 χ^2/NDF : 6.1/27

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 185.794+/-0.064 χ^2/NDF : 868273.9/12

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

Right Out: 168.656+/-0.055 χ^2/NDF : 1414385.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

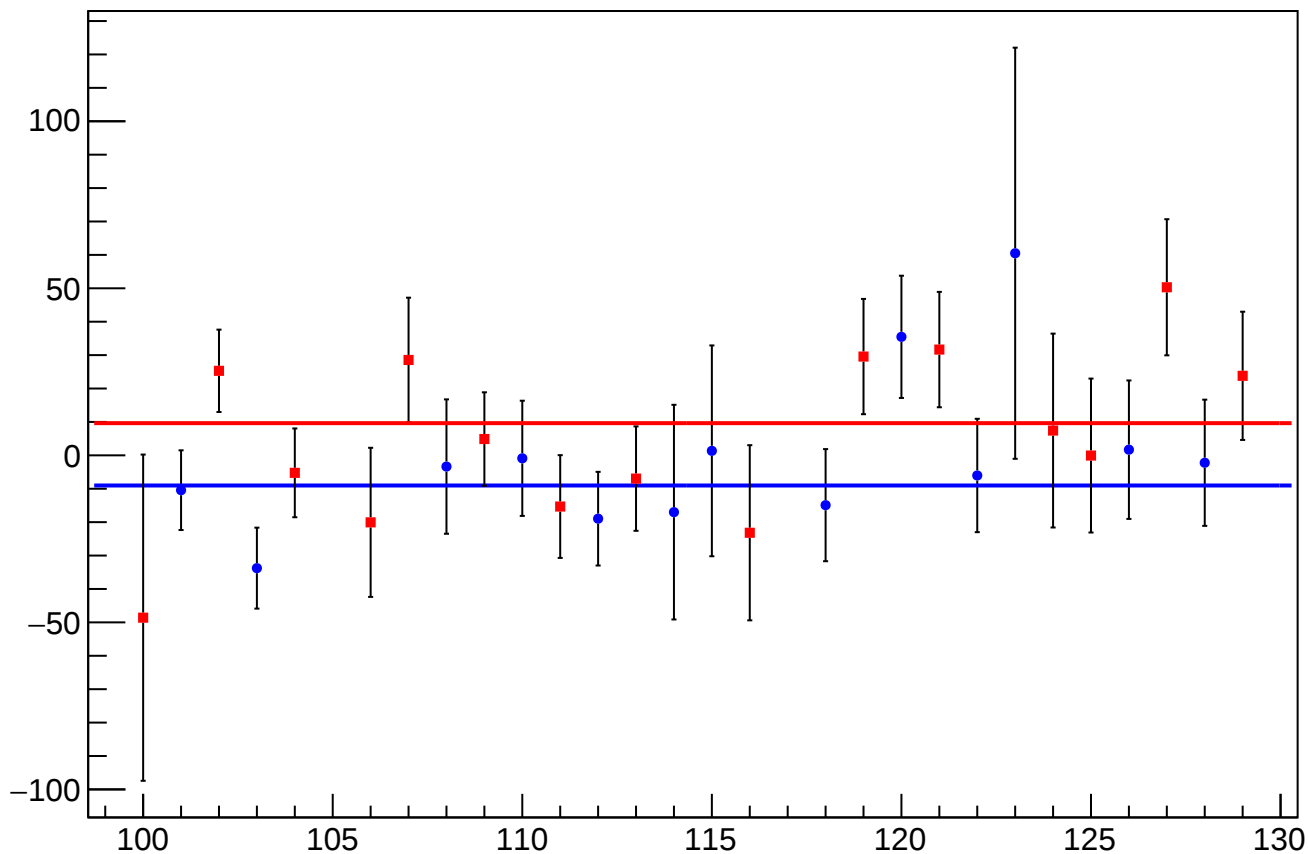
Right: 175.920+/-0.042 χ^2/NDF : 2323564.6/27

In: 185.794+/-0.064 χ^2/NDF :868273.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 175.920+/-0.042 χ^2/NDF : 2323564.6/27

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -9.026+/-4.871 χ^2/NDF : 12.9/12

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

Right Out: 9.635+/-4.596 χ^2/NDF : 20.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

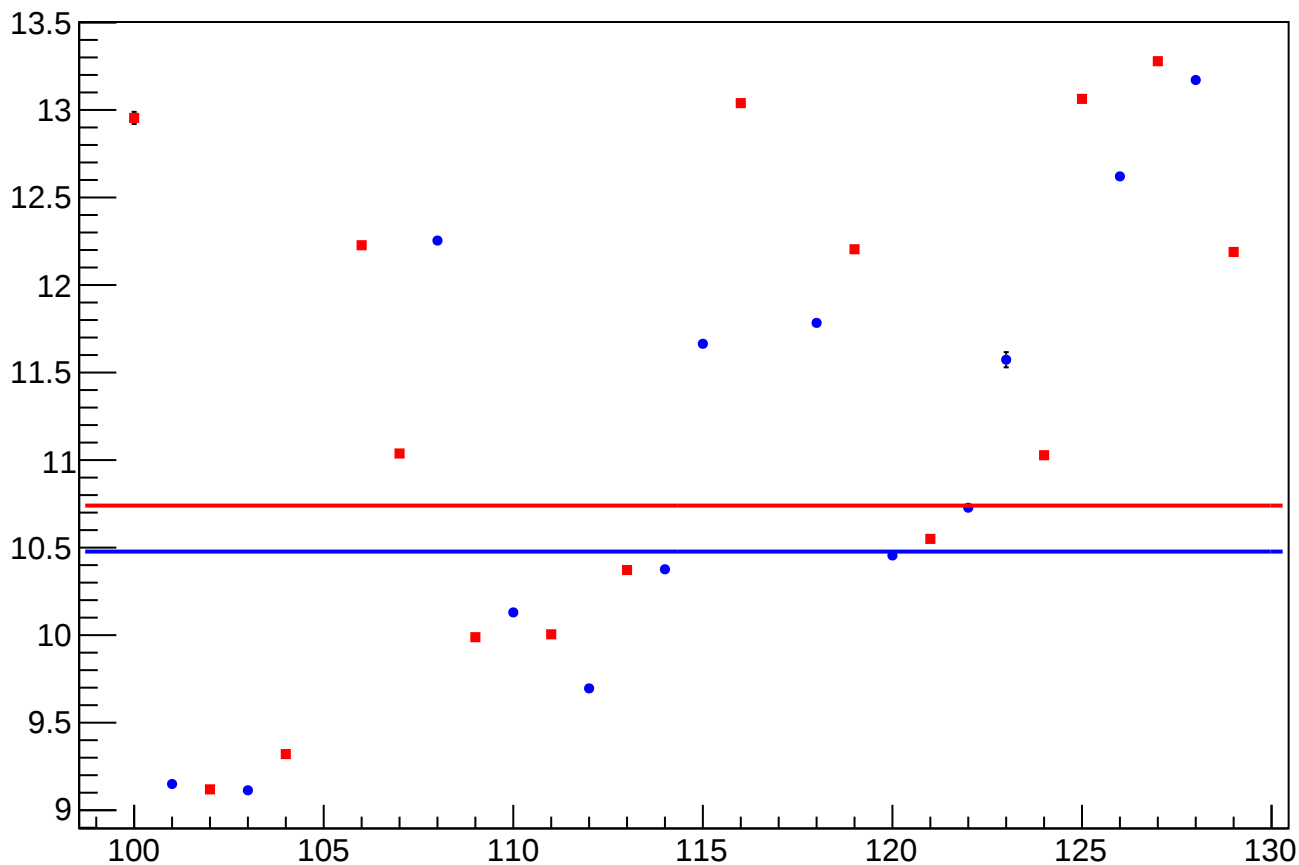
Right: 0.847+/-3.343 χ^2/NDF : 40.9/27

In: -9.026+/-4.871 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.847+/-3.343 χ^2/NDF : 40.9/27

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.477+/-0.003 χ^2/NDF : 150845.2/12

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

Right Out: 10.740+/-0.003 χ^2/NDF : 175356.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

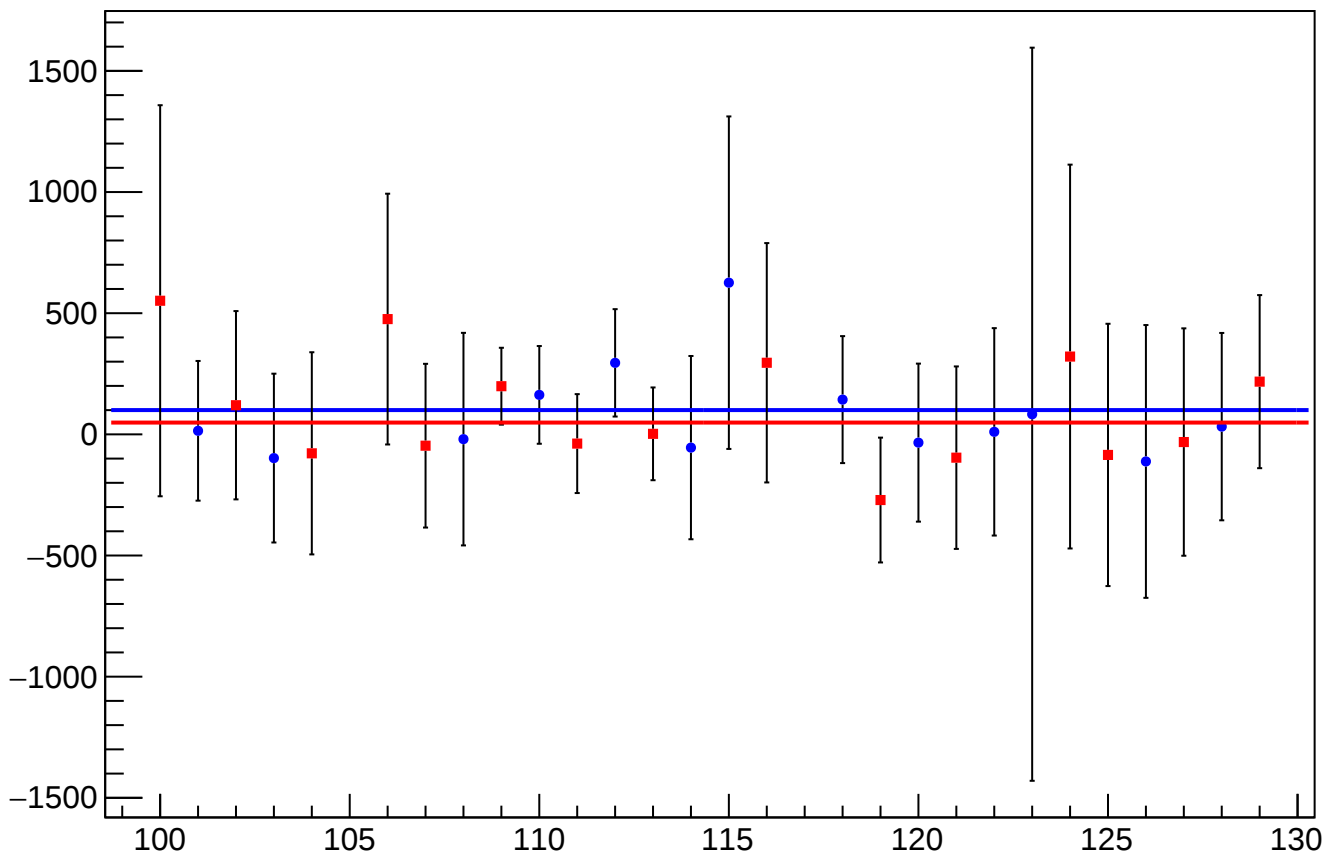
Right: 10.616+/-0.002 χ^2/NDF : 329281.3/27

In: 10.477+/-0.003 χ^2/NDF : 150845.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.616+/-0.002 χ^2/NDF : 329281.3/27

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 100.182 $\pm$ 91.571 χ^2 /NDF: 2.5/12

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

Right Out: 48.630 $\pm$ 78.797 χ^2 /NDF: 4.8/14

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

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

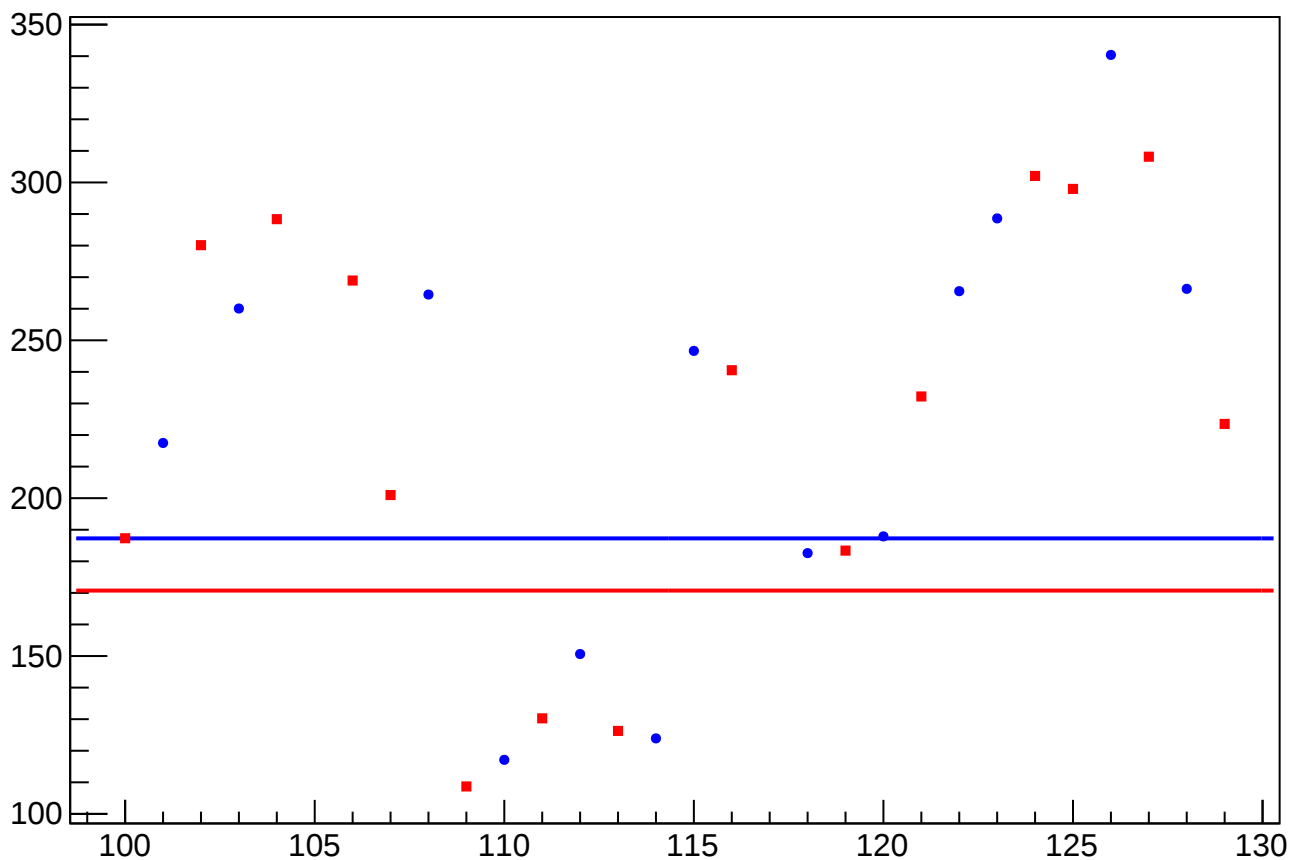
Right: 70.563 $\pm$ 59.728 χ^2 /NDF: 7.5/27

In: 100.182 $\pm$ 91.571 χ^2 /NDF:2.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 70.563 $\pm$ 59.728 χ^2 /NDF: 7.5/27

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 187.261+/-0.065 χ^2/NDF : 847225.0/12

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

Right Out: 170.731+/-0.056 χ^2/NDF : 1377734.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

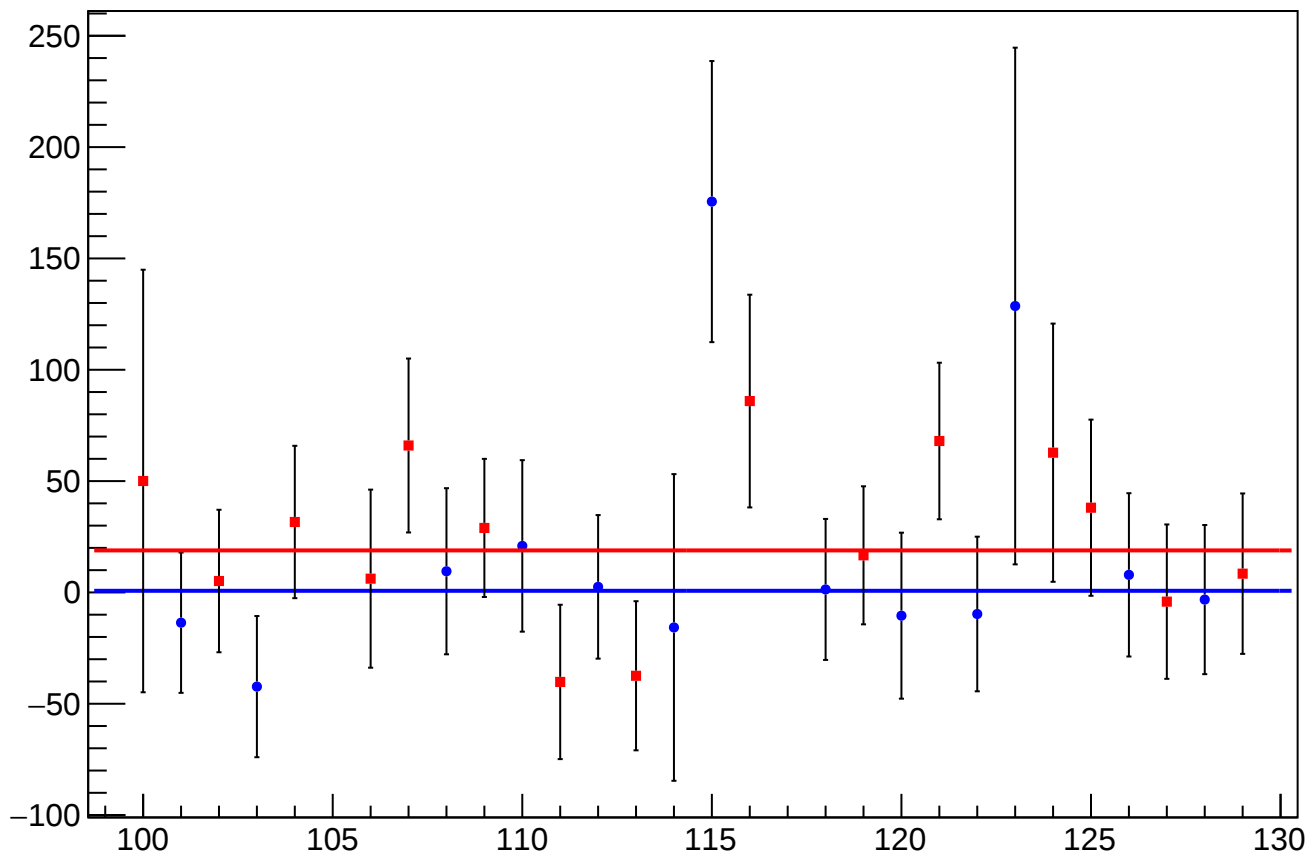
Right: 177.764+/-0.042 χ^2/NDF : 2262403.9/27

In: 187.261+/-0.065 χ^2/NDF :847225.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 177.764+/-0.042 χ^2/NDF : 2262403.9/27

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.729 $\pm$ 10.497 χ^2/NDF : 11.6/12

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

Right Out: 18.869 $\pm$ 9.617 χ^2/NDF : 13.1/14

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

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

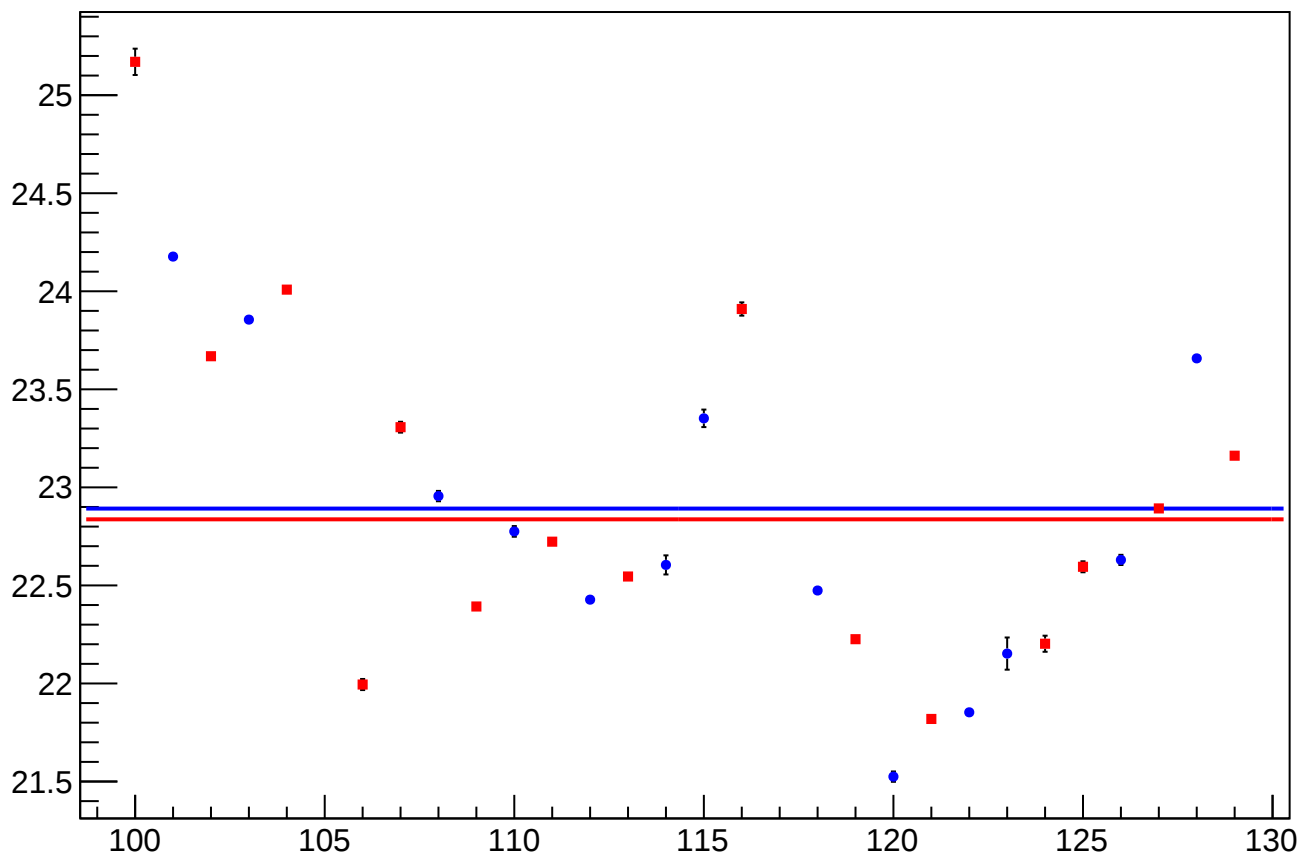
Right: 10.592 $\pm$ 7.091 χ^2/NDF : 26.3/27

In: 0.729 $\pm$ 10.497 χ^2/NDF : 11.6/12

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

All: 10.592 $\pm$ 7.091 χ^2/NDF : 26.3/27

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.892 ± 0.007 χ^2/NDF : 11812.6/12

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

Right Out: 22.837 ± 0.007 χ^2/NDF : 10609.8/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

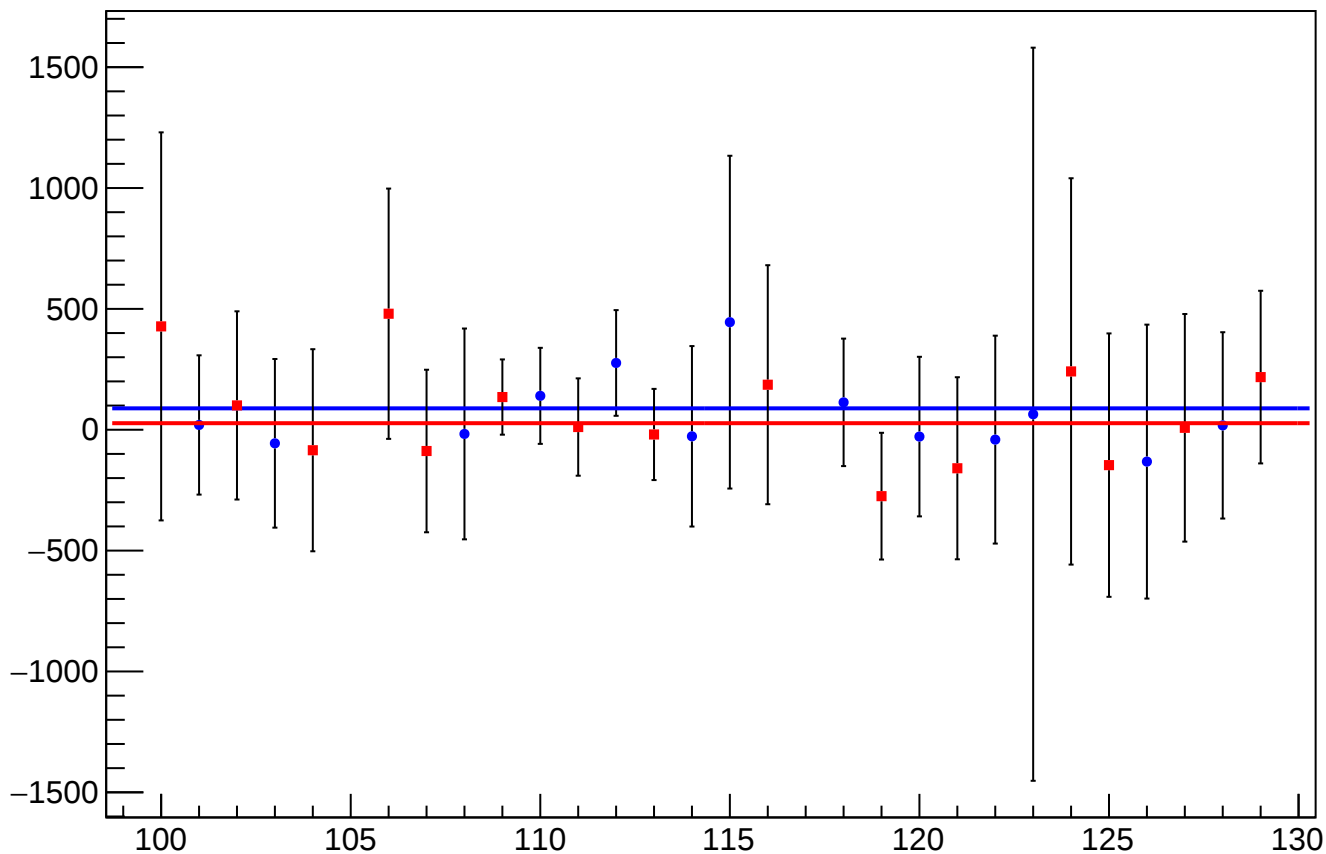
Right: 22.862 ± 0.005 χ^2/NDF : 22452.0/27

In: 22.892 ± 0.007 χ^2/NDF : 11812.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 22.862 ± 0.005 χ^2/NDF : 22452.0/27

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 88.538 $\pm$ 91.168 χ^2 /NDF: 1.9/12

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

Right Out: 27.114 $\pm$ 78.214 χ^2 /NDF: 3.9/14

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

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

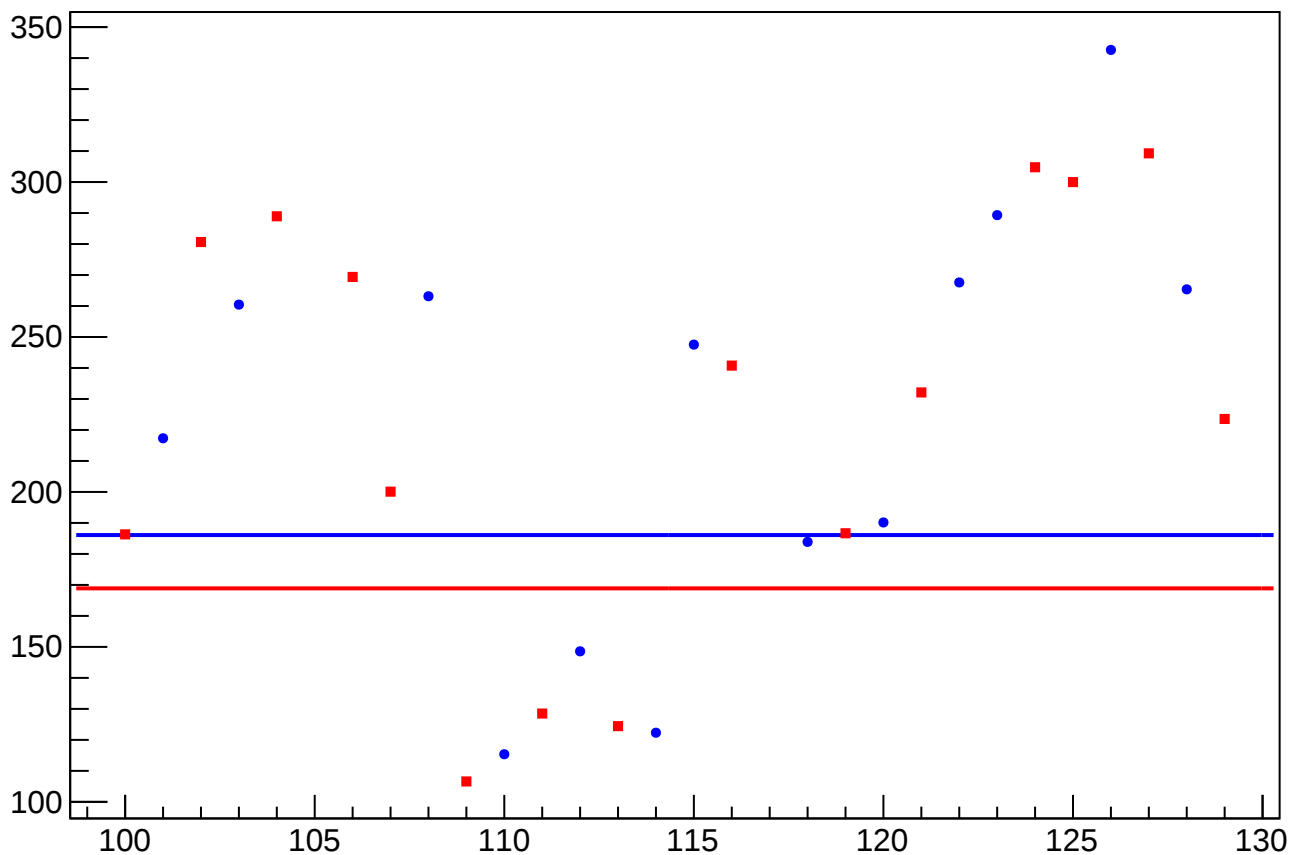
Right: 53.156 $\pm$ 59.362 χ^2 /NDF: 6.1/27

In: 88.538 $\pm$ 91.168 χ^2 /NDF:1.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 53.156 $\pm$ 59.362 χ^2 /NDF: 6.1/27

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 186.092 $\pm$ 0.064 χ^2 /NDF: 882330.1/12

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

Right Out: 168.890 $\pm$ 0.055 χ^2 /NDF: 1441231.5/14

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

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

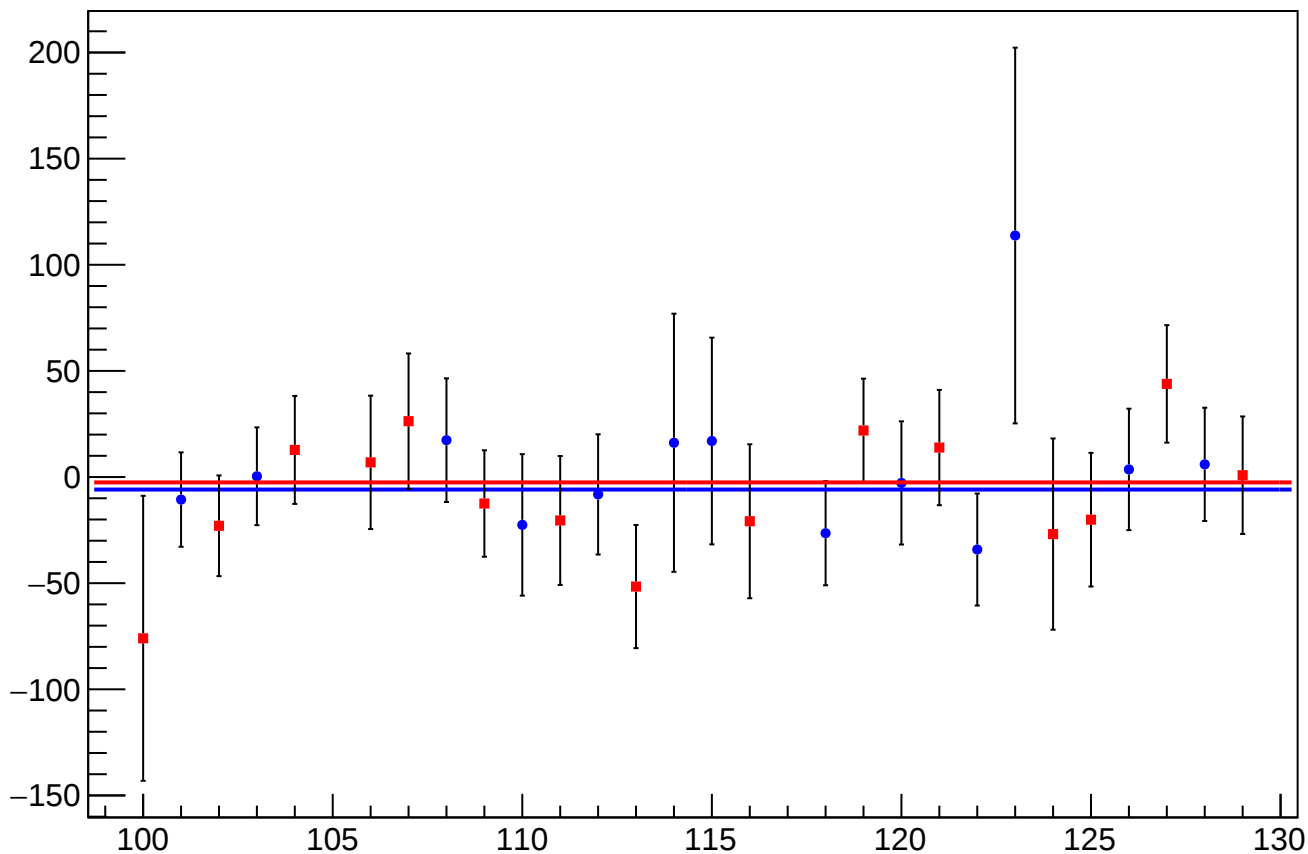
Right: 176.183 $\pm$ 0.042 χ^2 /NDF: 2364578.7/27

In: 186.092 $\pm$ 0.064 χ^2 /NDF:882330.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 176.183 $\pm$ 0.042 χ^2 /NDF: 2364578.7/27

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.894 ± 8.174 χ^2/NDF : 5.4/12

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

Right Out: -2.522 ± 7.601 χ^2/NDF : 11.6/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

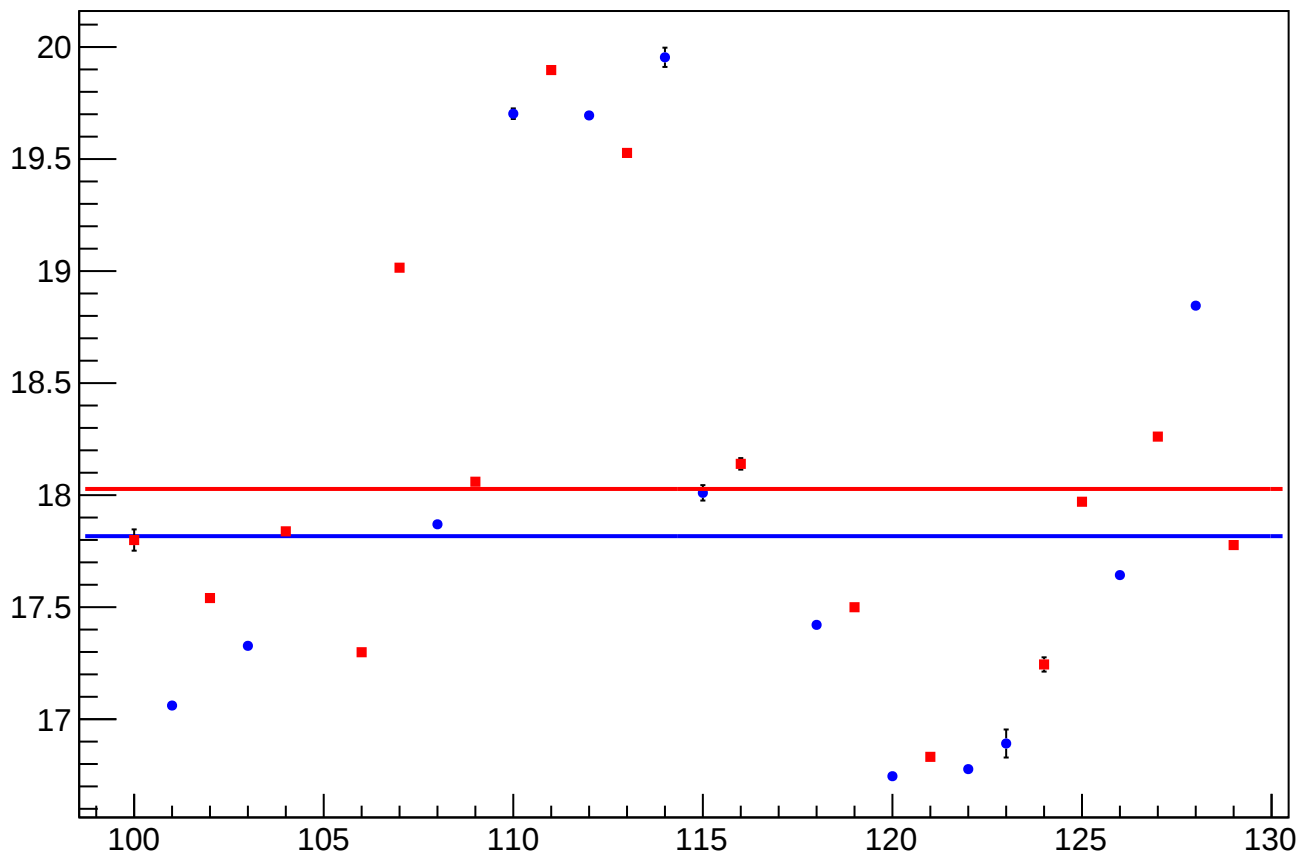
Right: -4.086 ± 5.567 χ^2/NDF : 17.1/27

In: -5.894 ± 8.174 χ^2/NDF : 5.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.086 ± 5.567 χ^2/NDF : 17.1/27

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.817+/-0.006 χ^2/NDF : 30535.0/12

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

Right Out: 18.028+/-0.005 χ^2/NDF : 22645.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

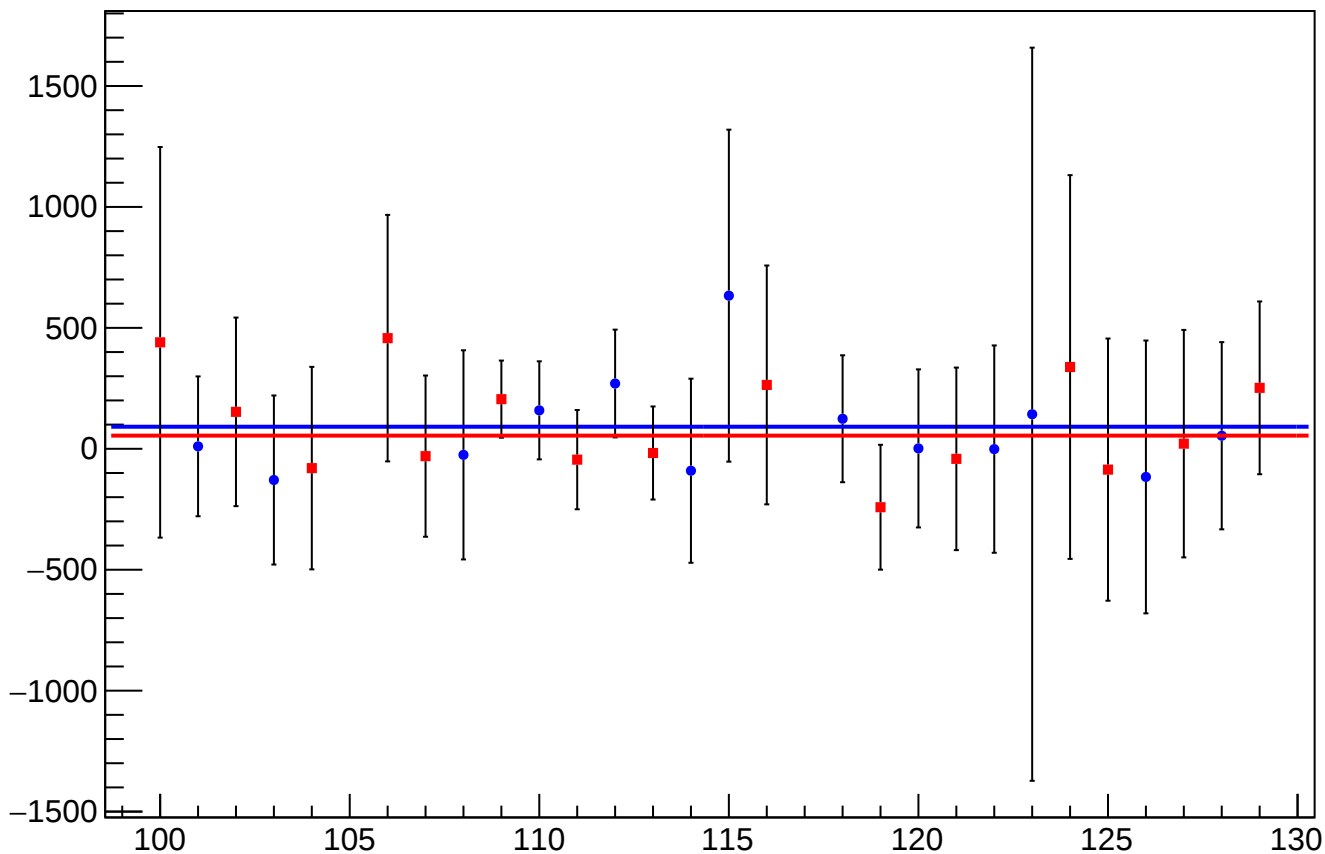
Right: 17.930+/-0.004 χ^2/NDF : 53892.7/27

In: 17.817+/-0.006 χ^2/NDF : 30535.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.930+/-0.004 χ^2/NDF : 53892.7/27

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 91.272+/-91.826 χ^2/NDF : 2.4/12

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

Right Out: 54.511+/-78.998 χ^2/NDF : 4.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

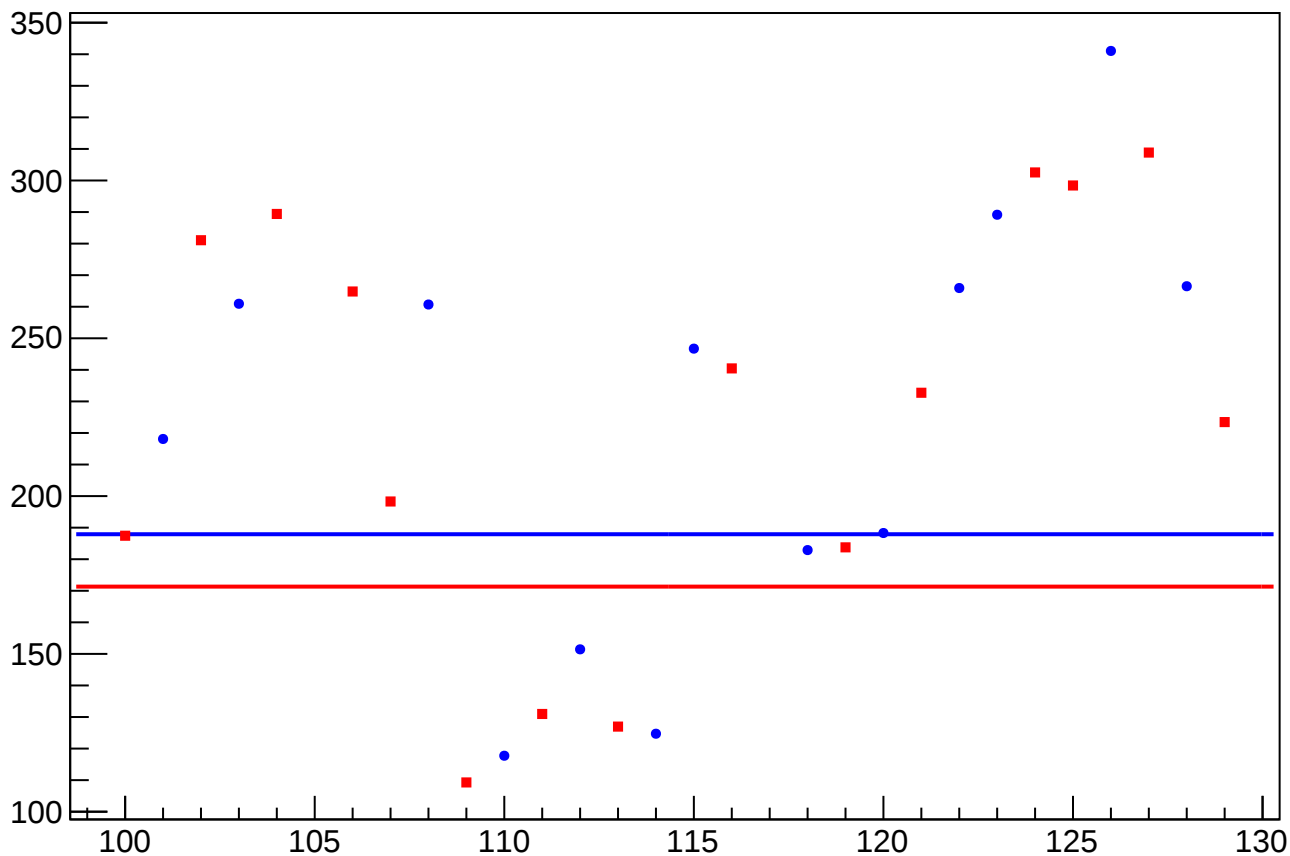
Right: 70.146+/-59.886 χ^2/NDF : 7.0/27

In: 91.272+/-91.826 χ^2/NDF : 2.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.146+/-59.886 χ^2/NDF : 7.0/27

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 187.917+/-0.065 χ^2/NDF : 834803.2/12

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

Right Out: 171.319+/-0.056 χ^2/NDF : 1360497.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

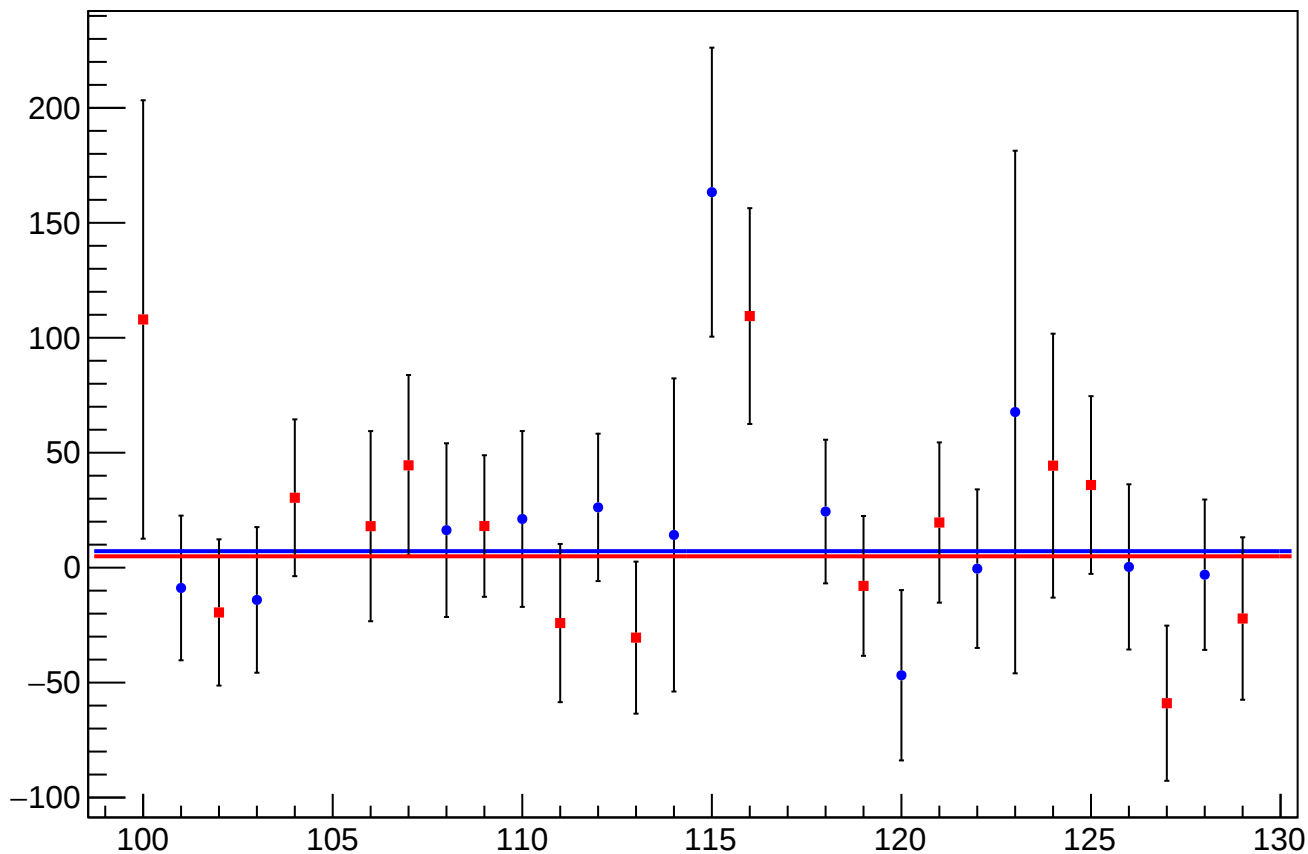
Right: 178.379+/-0.042 χ^2/NDF : 2232852.8/27

In: 187.917+/-0.065 χ^2/NDF :834803.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 178.379+/-0.042 χ^2/NDF : 2232852.8/27

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 7.174+/-10.418 χ^2/NDF : 10.3/12

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

Right Out: 4.936+/-9.528 χ^2/NDF : 16.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

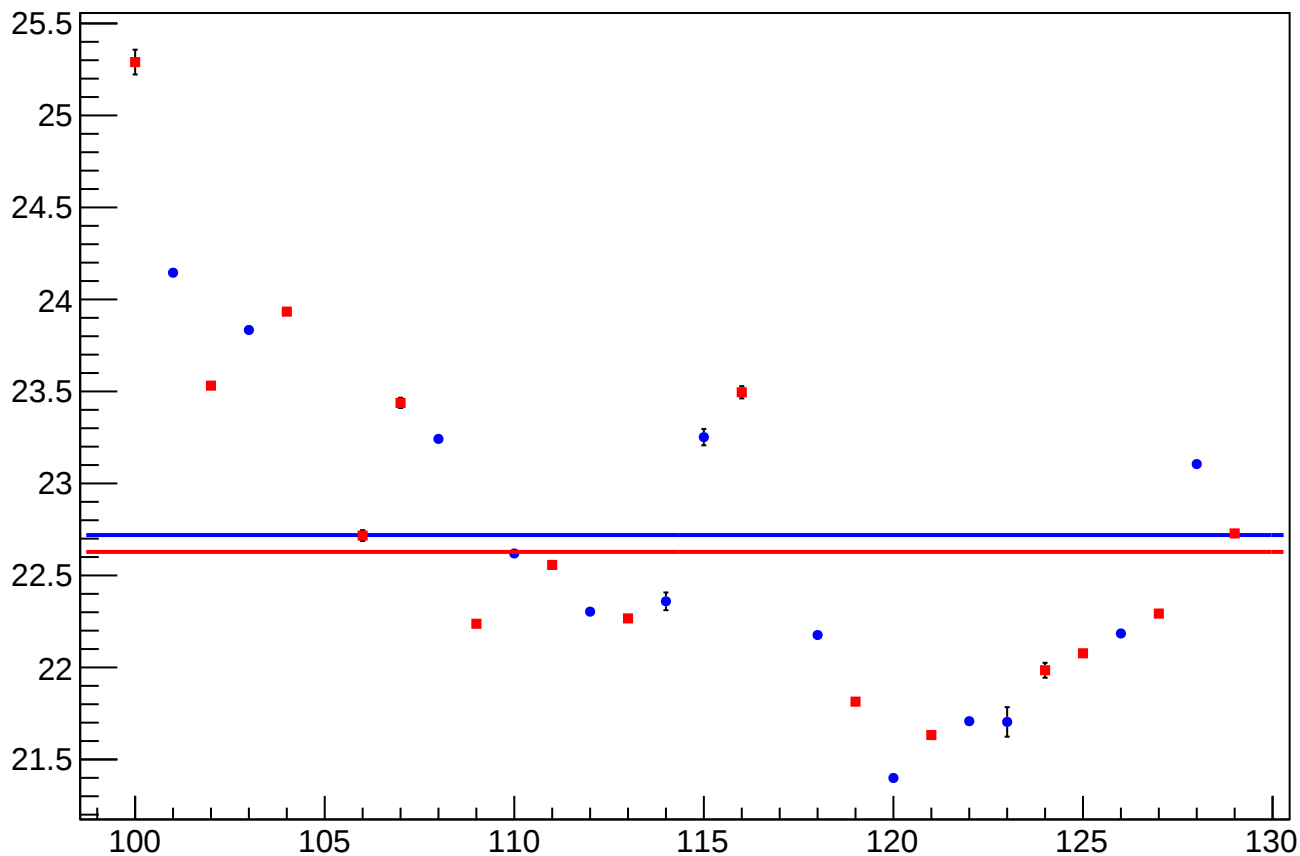
Right: 5.956+/-7.031 χ^2/NDF : 26.4/27

In: 7.174+/-10.418 χ^2/NDF : 10.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.956+/-7.031 χ^2/NDF : 26.4/27

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.719+/-0.007 χ^2/NDF : 13260.1/12

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

Right Out: 22.628+/-0.007 χ^2/NDF : 12149.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

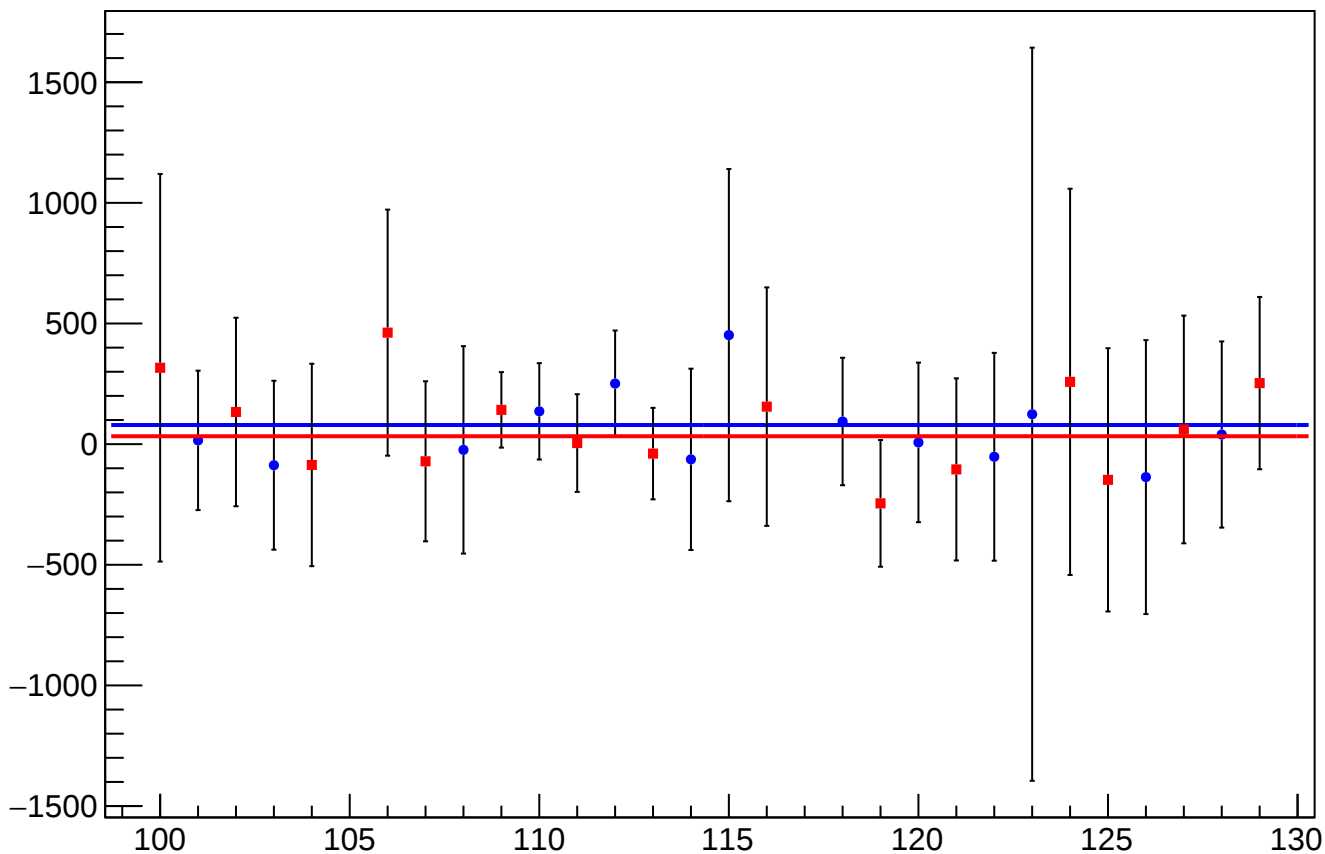
Right: 22.670+/-0.005 χ^2/NDF : 25493.4/27

In: 22.719+/-0.007 χ^2/NDF : 13260.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.670+/-0.005 χ^2/NDF : 25493.4/27

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 79.294+/-91.427 χ^2/NDF : 1.8/12

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

Right Out: 32.783+/-78.420 χ^2/NDF : 3.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

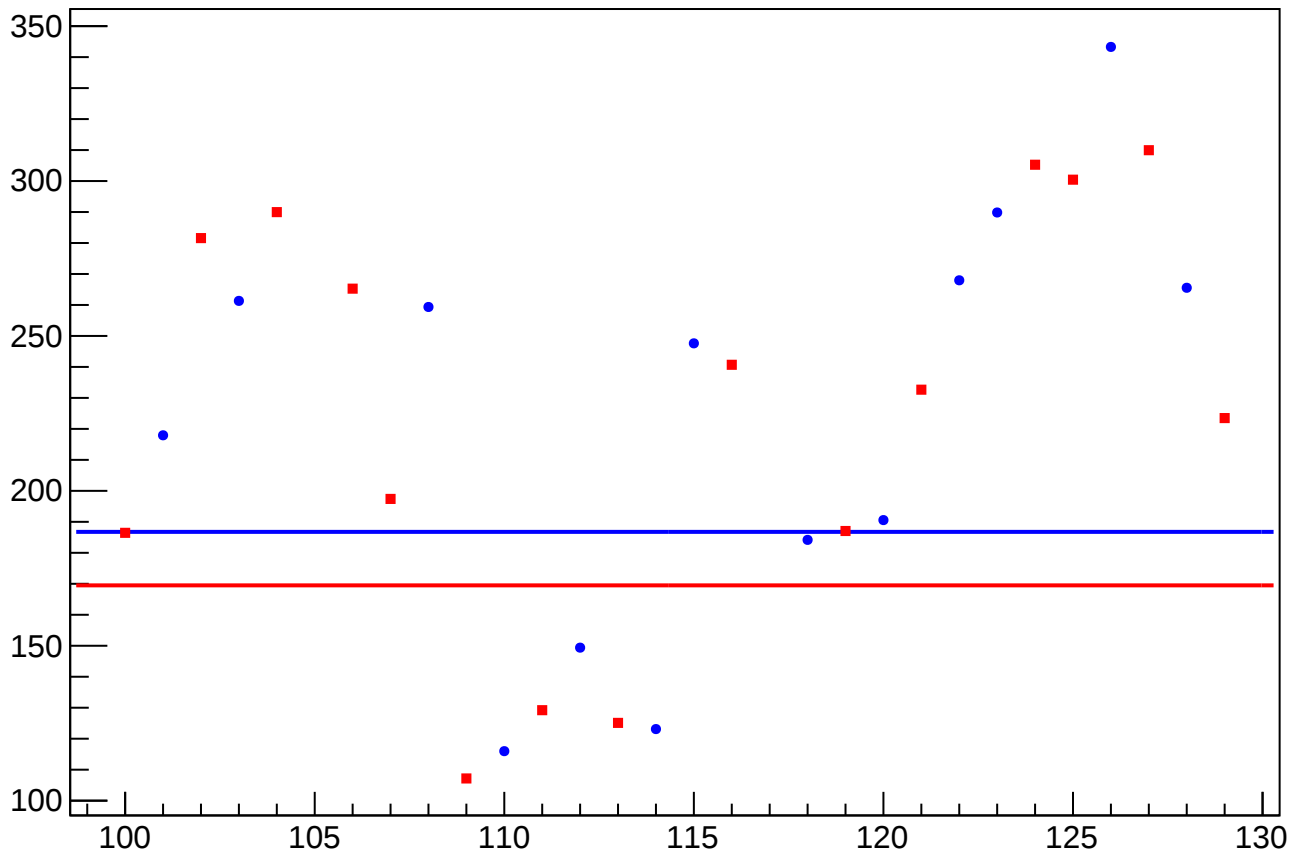
Right: 52.497+/-59.523 χ^2/NDF : 5.5/27

In: 79.294+/-91.427 χ^2/NDF : 1.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.497+/-59.523 χ^2/NDF : 5.5/27

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 186.760+/-0.065 χ^2/NDF : 869304.7/12

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

Right Out: 169.495+/-0.055 χ^2/NDF : 1423216.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

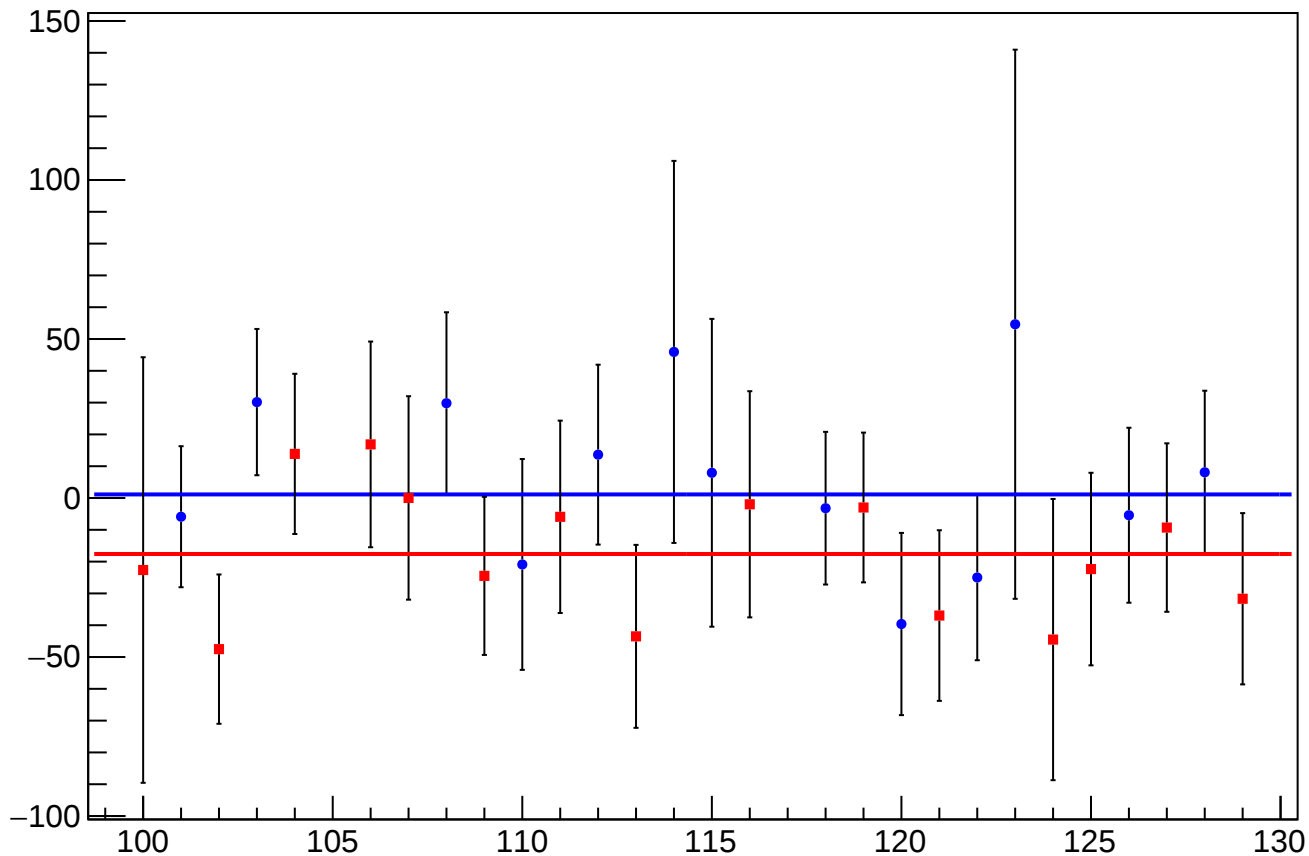
Right: 176.813+/-0.042 χ^2/NDF : 2333613.7/27

In: 186.760+/-0.065 χ^2/NDF :869304.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 176.813+/-0.042 χ^2/NDF : 2333613.7/27

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.130+/-8.053 χ^2/NDF : 7.5/12

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

Right Out: -17.601+/-7.483 χ^2/NDF : 7.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

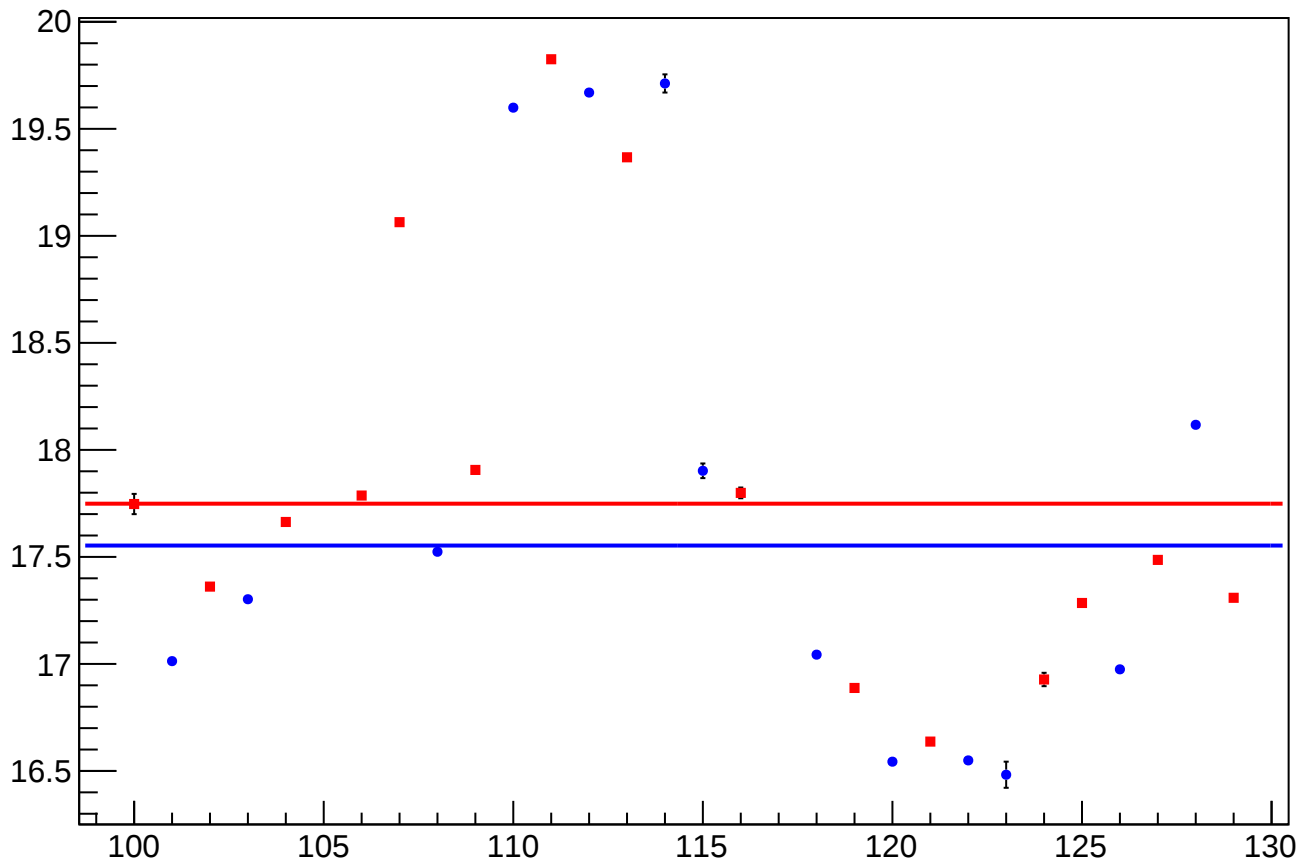
Right: -8.922+/-5.482 χ^2/NDF : 17.9/27

In: 1.130+/-8.053 χ^2/NDF : 7.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.922+/-5.482 χ^2/NDF : 17.9/27

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.553+/-0.006 χ^2/NDF : 31454.2/12

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

Right Out: 17.749+/-0.005 χ^2/NDF : 27787.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

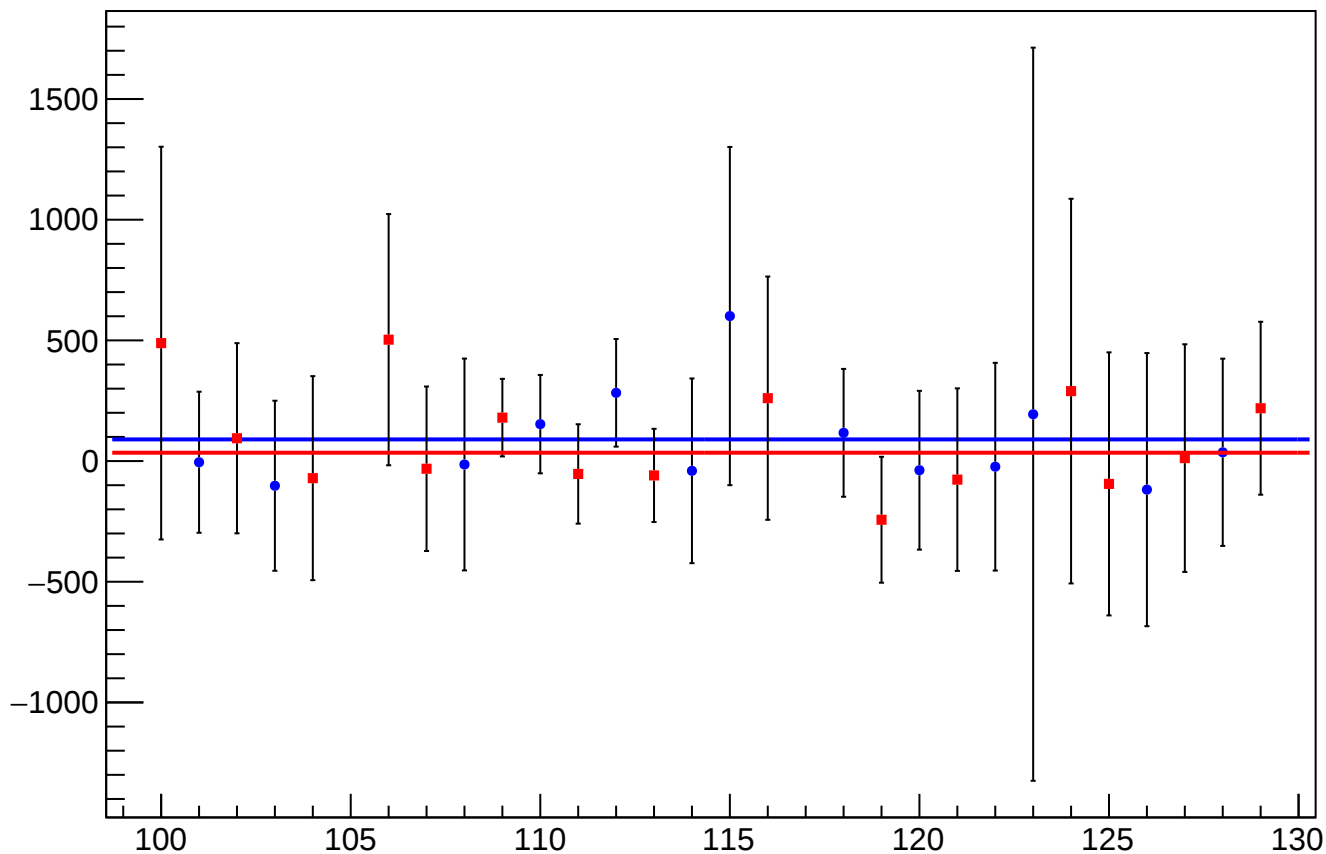
Right: 17.658+/-0.004 χ^2/NDF : 59874.9/27

In: 17.553+/-0.006 χ^2/NDF :31454.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 17.658+/-0.004 χ^2/NDF : 59874.9/27

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 89.743+/-92.407 χ^2/NDF : 2.3/12

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

Right Out: 34.599+/-79.599 χ^2/NDF : 4.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

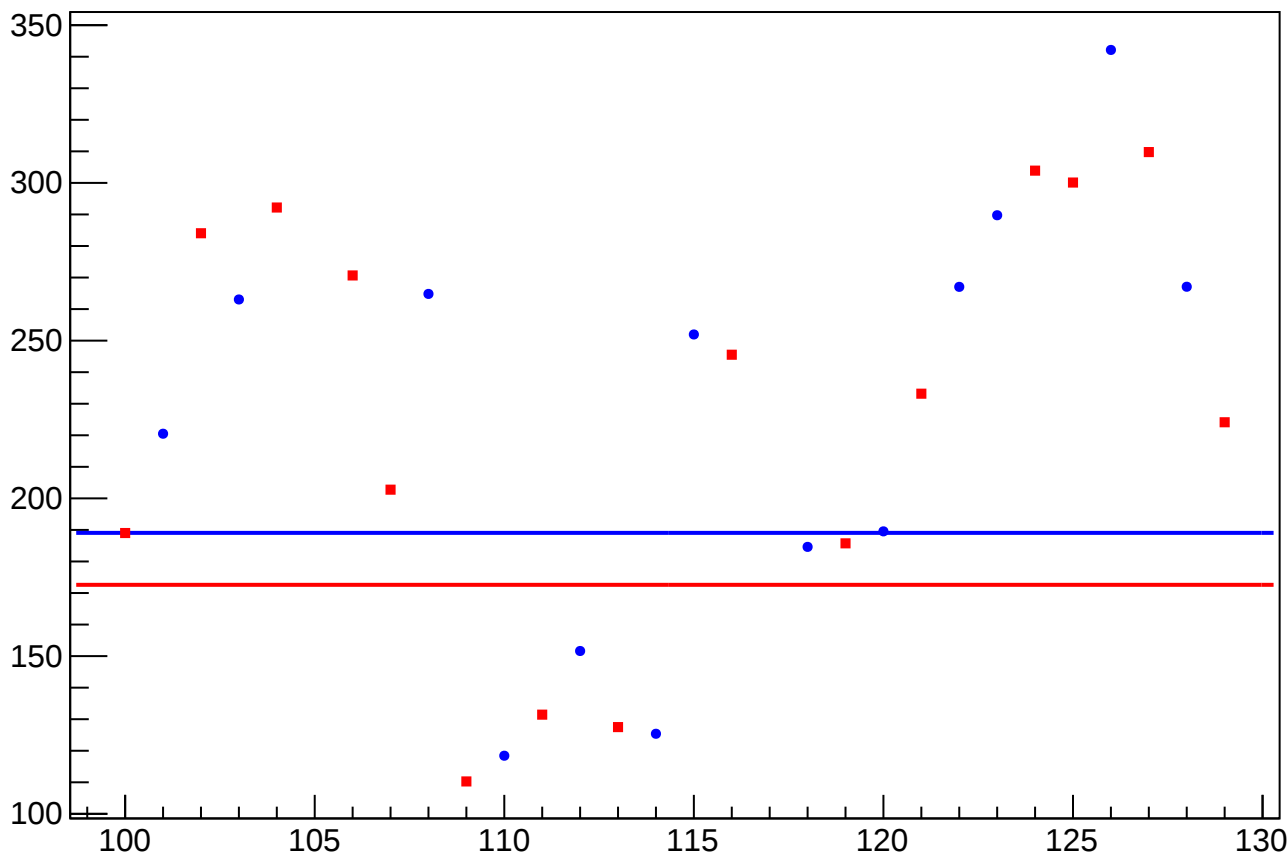
Right: 58.088+/-60.309 χ^2/NDF : 6.9/27

In: 89.743+/-92.407 χ^2/NDF : 2.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.088+/-60.309 χ^2/NDF : 6.9/27

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 189.066+/-0.065 χ^2/NDF : 841388.8/12

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

Right Out: 172.596+/-0.056 χ^2/NDF : 1370068.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

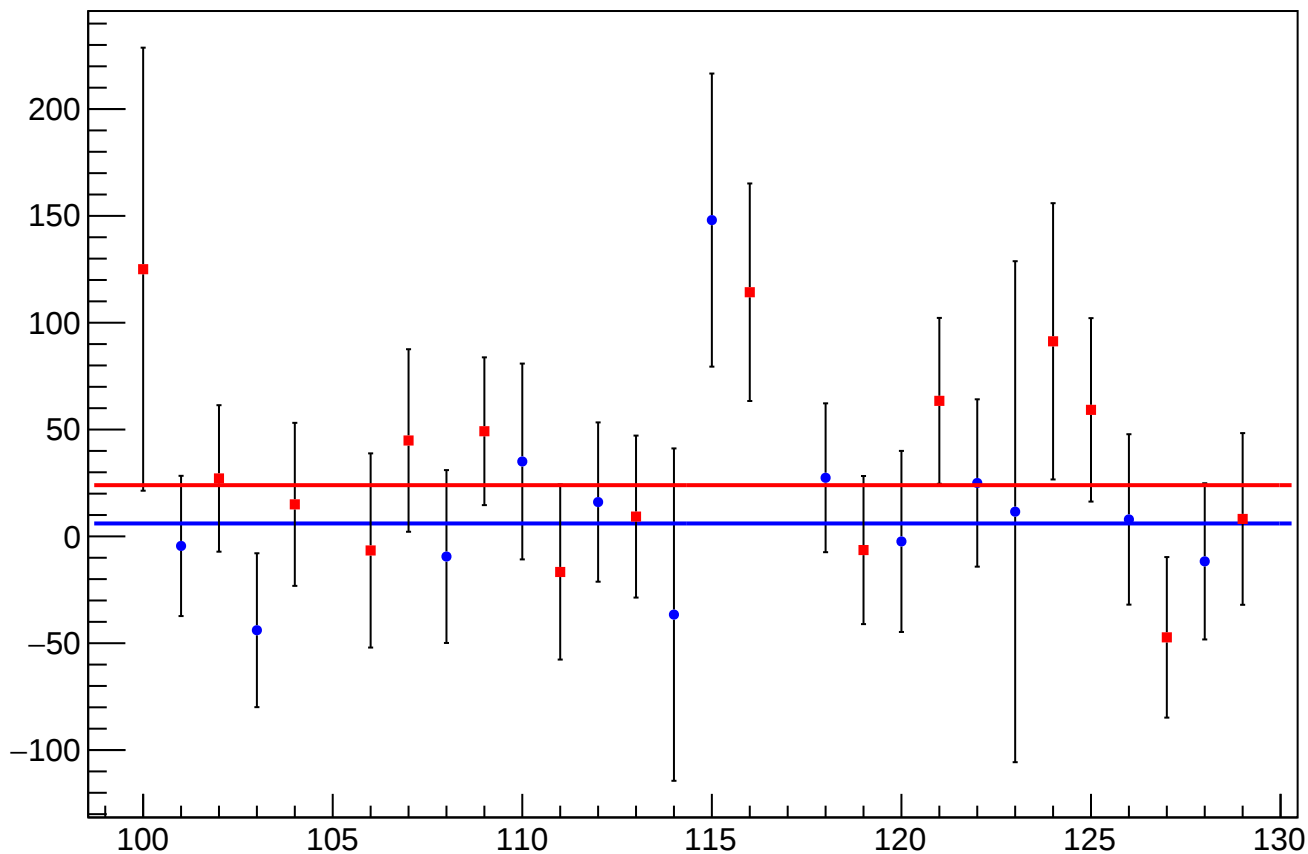
Right: 179.612+/-0.043 χ^2/NDF : 2247926.7/27

In: 189.066+/-0.065 χ^2/NDF : 841388.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.612+/-0.043 χ^2/NDF : 2247926.7/27

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 6.049+/-11.650 χ^2/NDF : 8.1/12

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

Right Out: 23.972+/-10.671 χ^2/NDF : 13.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

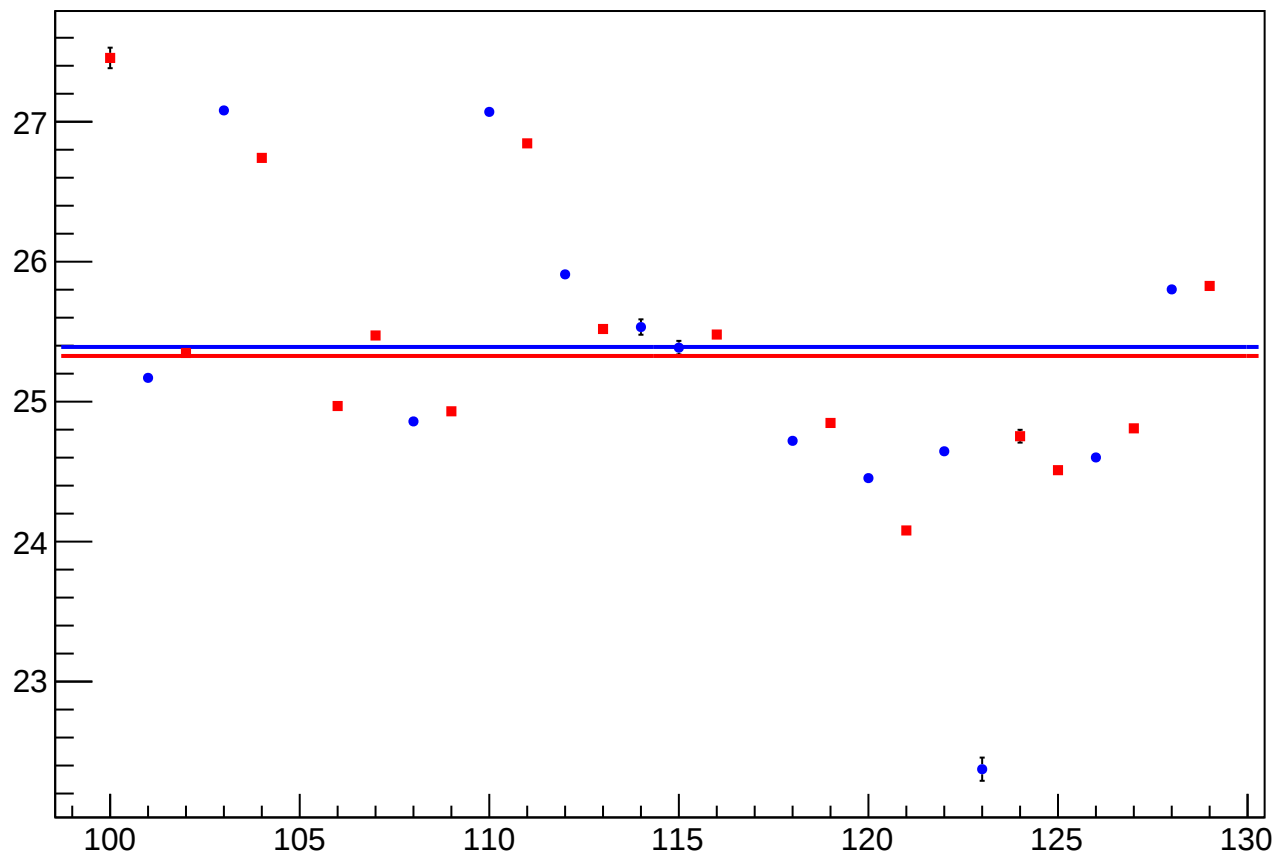
Right: 15.796+/-7.869 χ^2/NDF : 23.2/27

In: 6.049+/-11.650 χ^2/NDF : 8.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.796+/-7.869 χ^2/NDF : 23.2/27

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.391+/-0.008 χ^2/NDF : 12727.0/12

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

Right Out: 25.326+/-0.008 χ^2/NDF : 10834.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

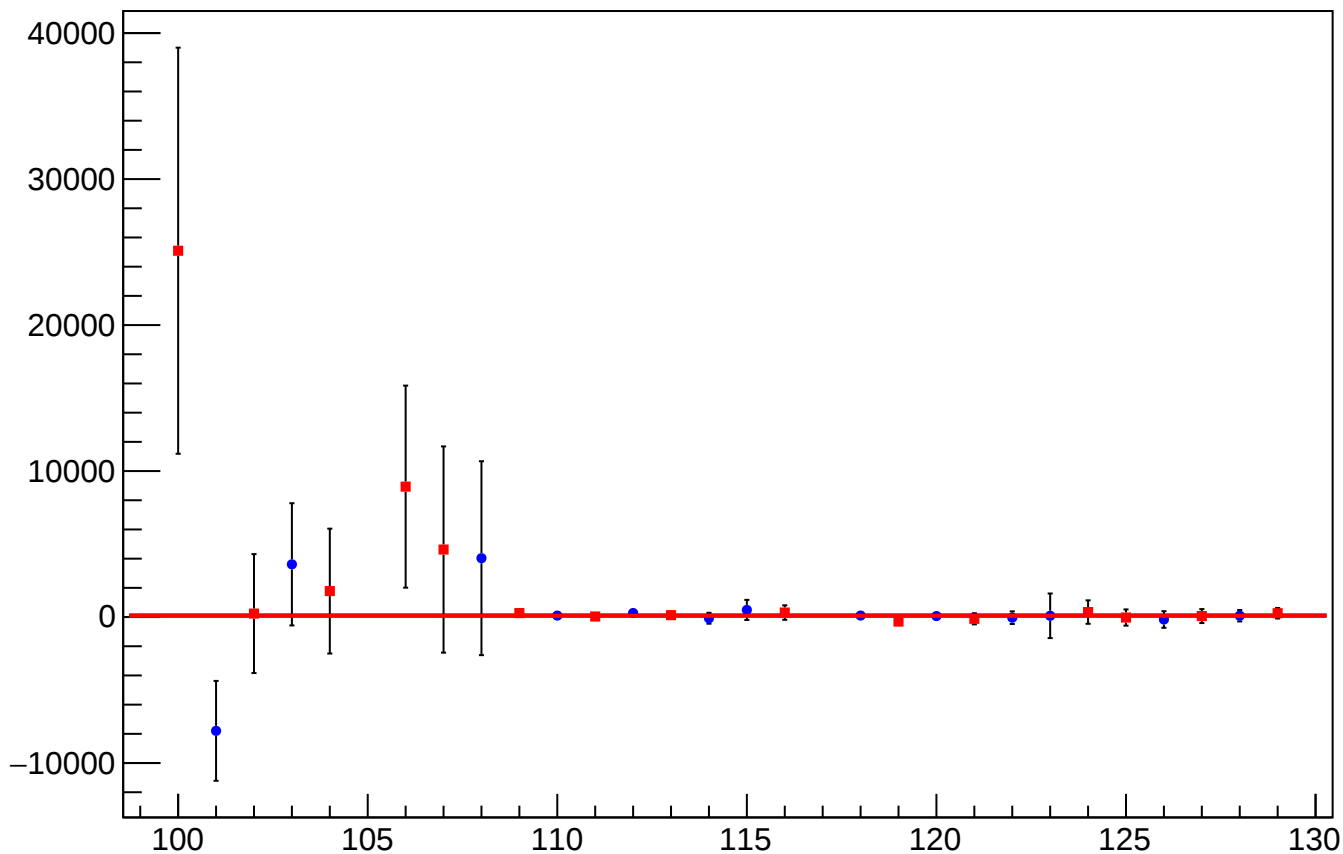
Right: 25.356+/-0.006 χ^2/NDF : 23595.1/27

In: 25.391+/-0.008 χ^2/NDF : 12727.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.356+/-0.006 χ^2/NDF : 23595.1/27

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 109.736+/-103.625 χ^2/NDF : 7.9/12

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

Right Out: 85.285+/-93.080 χ^2/NDF : 9.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

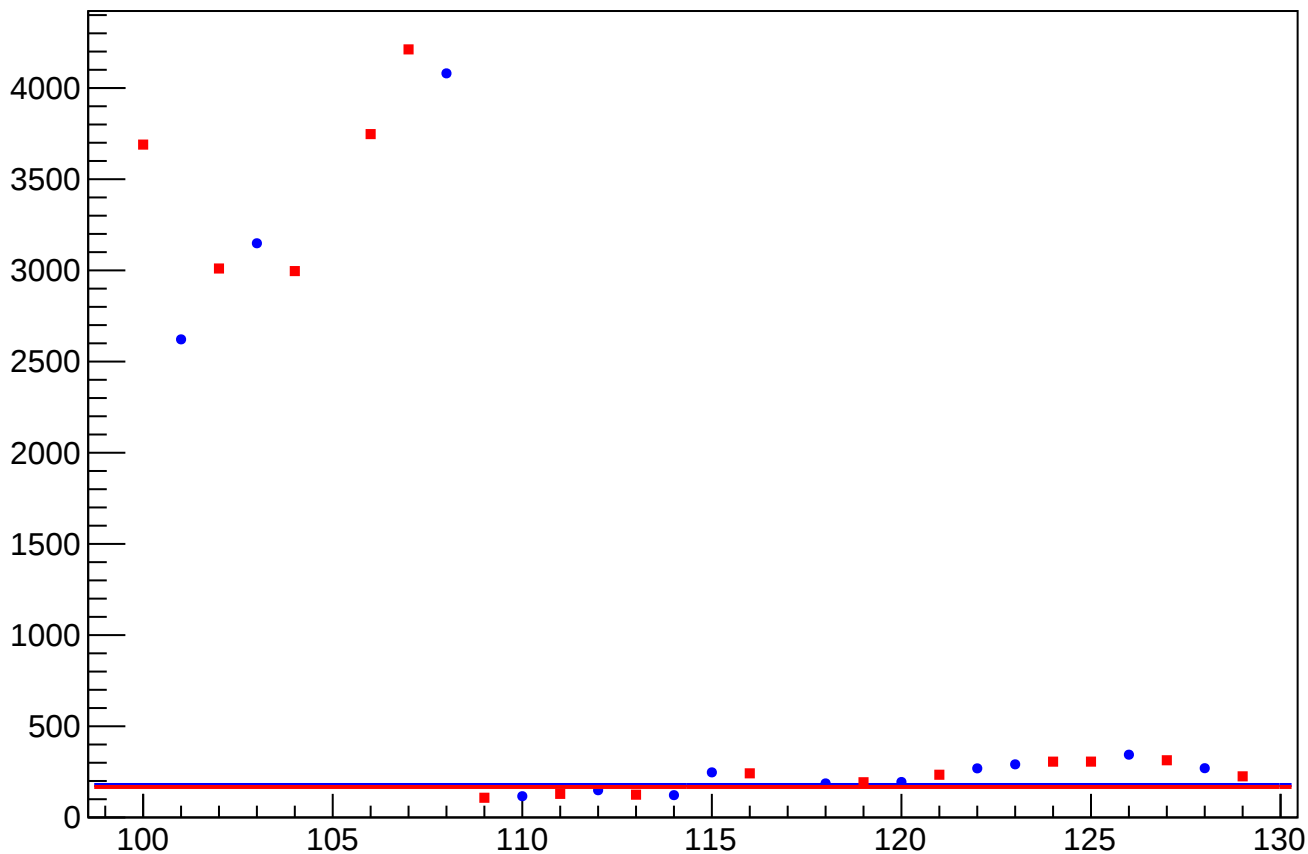
Right: 96.204+/-69.246 χ^2/NDF : 17.2/27

In: 109.736+/-103.625 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.204+/-69.246 χ^2/NDF : 17.2/27

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 178.062+/-0.073 χ^2/NDF : 3392970.4/12

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

Right Out: 167.200+/-0.066 χ^2/NDF : 4040800.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

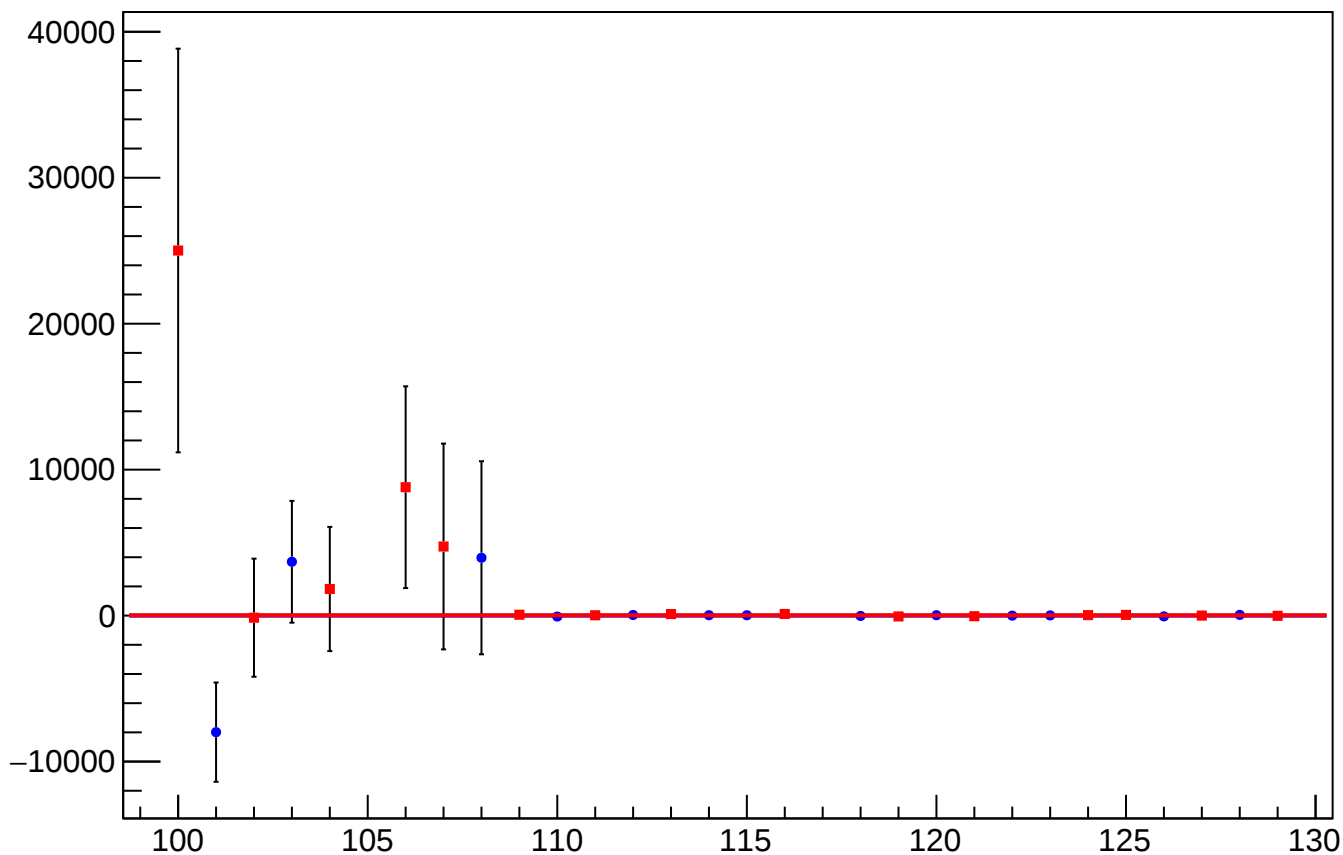
Right: 172.050+/-0.049 χ^2/NDF : 7445932.1/27

In: 178.062+/-0.073 χ^2/NDF : 3392970.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.050+/-0.049 χ^2/NDF : 7445932.1/27

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.354+/-15.283 χ^2/NDF : 13.7/12

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

Right Out: 21.112+/-14.527 χ^2/NDF : 20.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

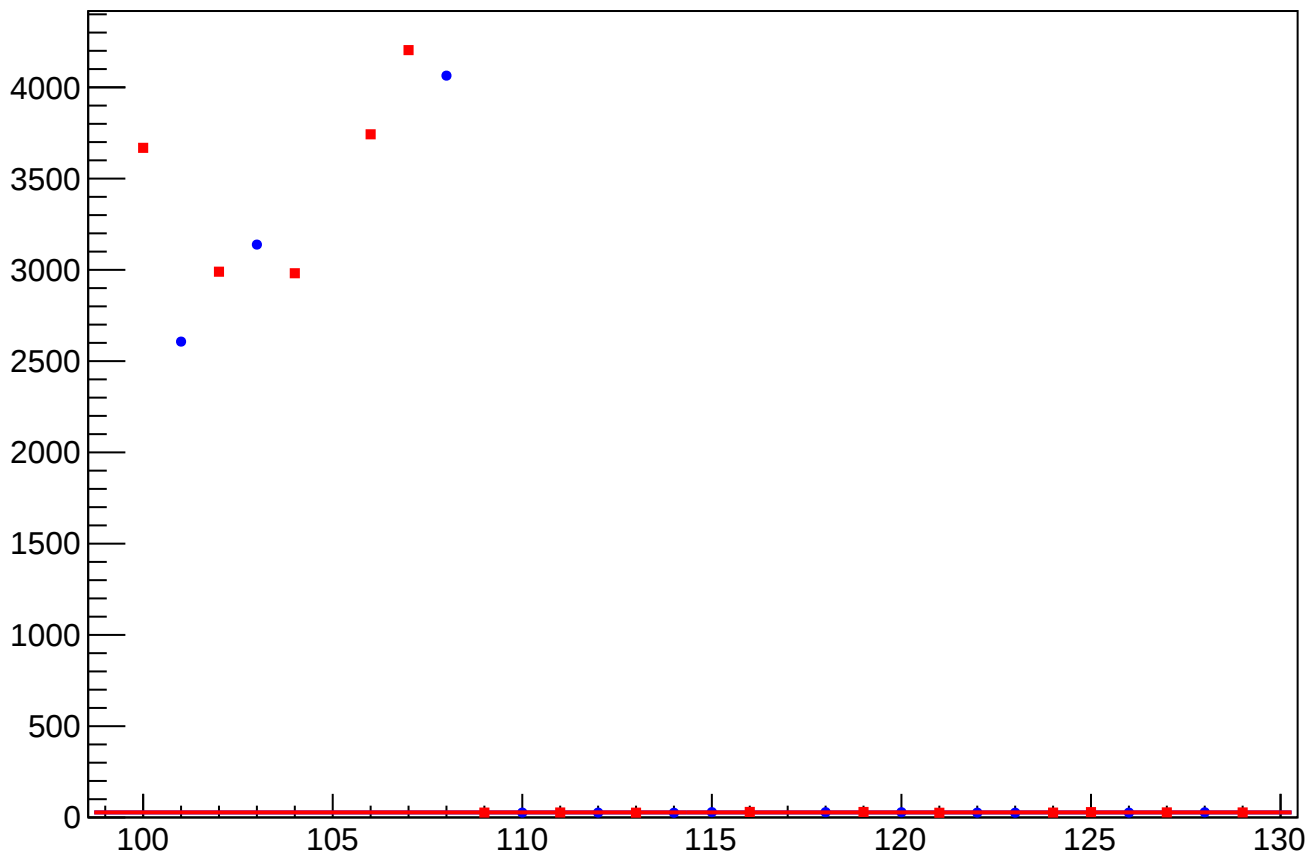
Right: 11.734+/-10.529 χ^2/NDF : 34.6/27

In: 1.354+/-15.283 χ^2/NDF : 13.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.734+/-10.529 χ^2/NDF : 34.6/27

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.559+/-0.011 χ^2/NDF : 3017758.1/12

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

Right Out: 27.662+/-0.010 χ^2/NDF : 3475553.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

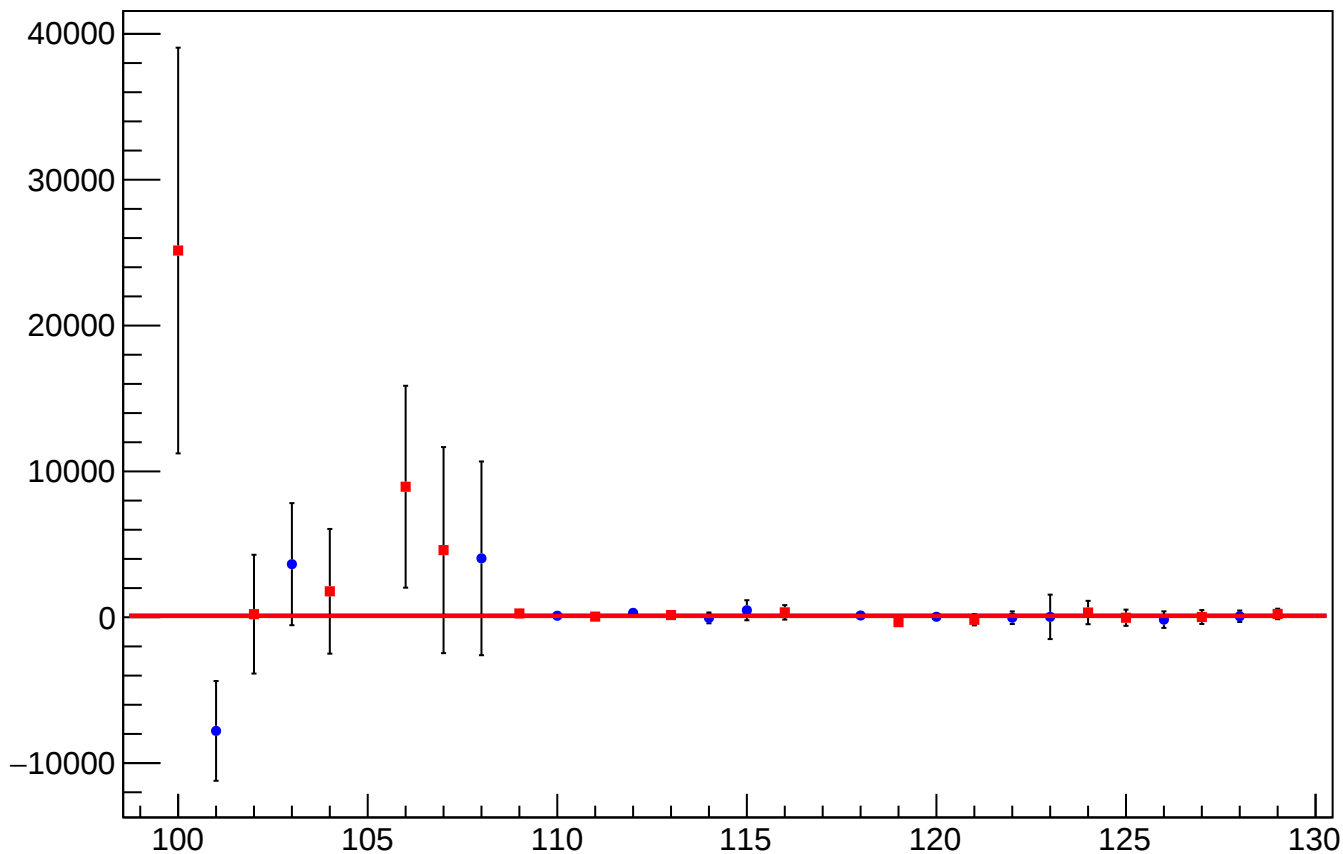
Right: 27.613+/-0.007 χ^2/NDF : 6493358.8/27

In: 27.559+/-0.011 χ^2/NDF : 3017758.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.613+/-0.007 χ^2/NDF : 6493358.8/27

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 117.755+/-103.237 χ^2/NDF : 8.0/12

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

Right Out: 79.643+/-92.709 χ^2/NDF : 9.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

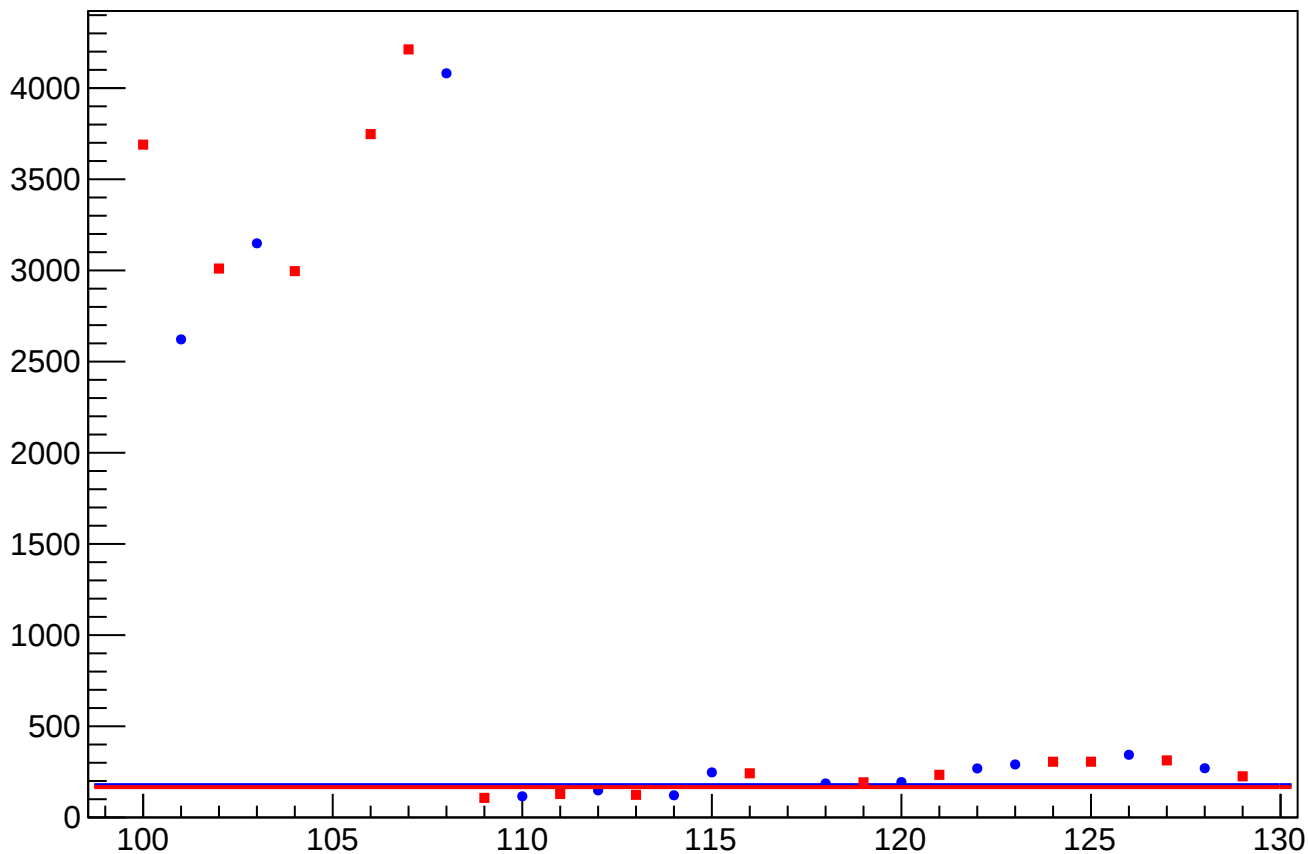
Right: 96.657+/-68.978 χ^2/NDF : 17.9/27

In: 117.755+/-103.237 χ^2/NDF : 8.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.657+/-68.978 χ^2/NDF : 17.9/27

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 177.279+/-0.073 χ^2/NDF : 3401110.3/12

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

Right Out: 166.407+/-0.066 χ^2/NDF : 4050695.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

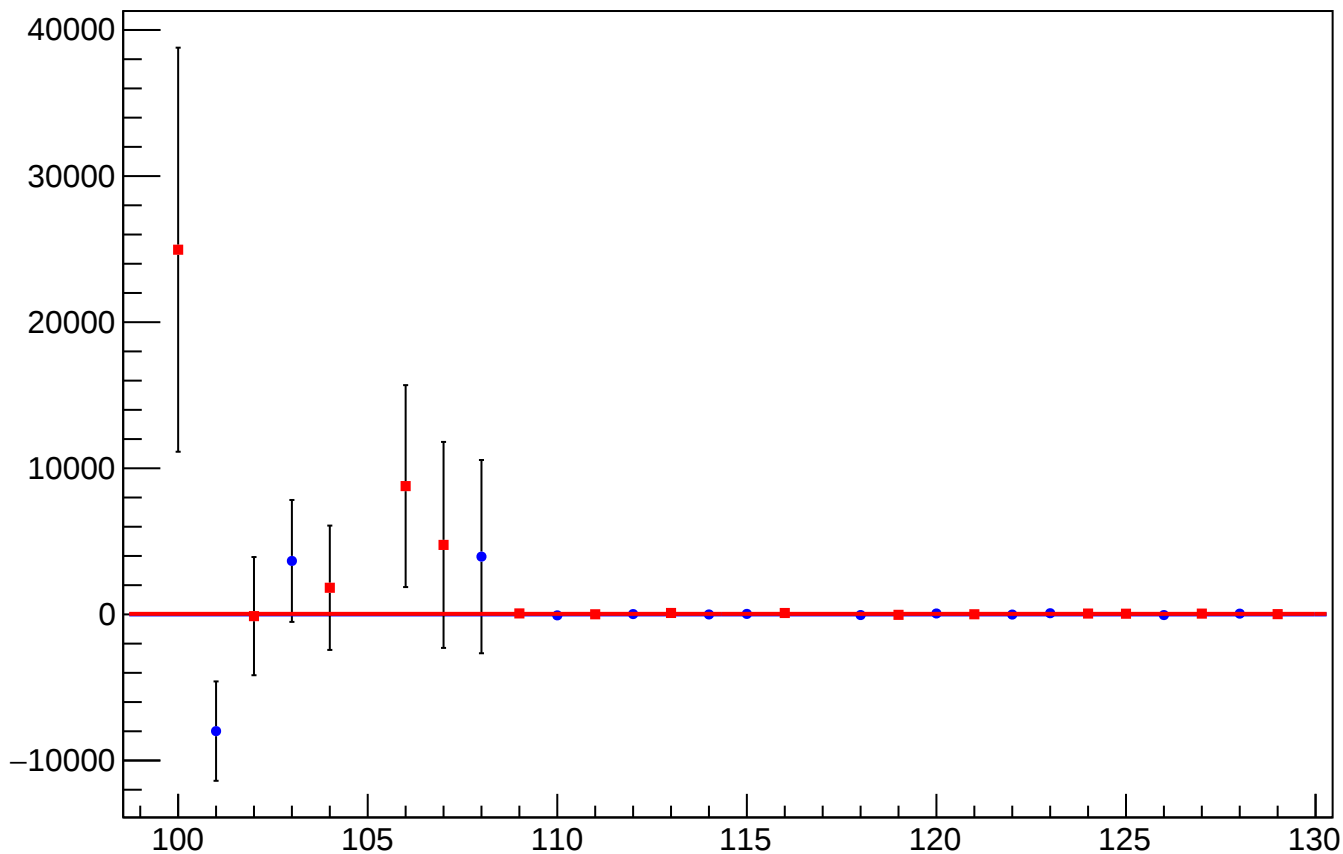
Right: 171.260+/-0.049 χ^2/NDF : 7464084.2/27

In: 177.279+/-0.073 χ^2/NDF : 3401110.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.260+/-0.049 χ^2/NDF : 7464084.2/27

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -2.278+/-15.404 χ^2/NDF : 15.2/12

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

Right Out: 37.588+/-14.665 χ^2/NDF : 13.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

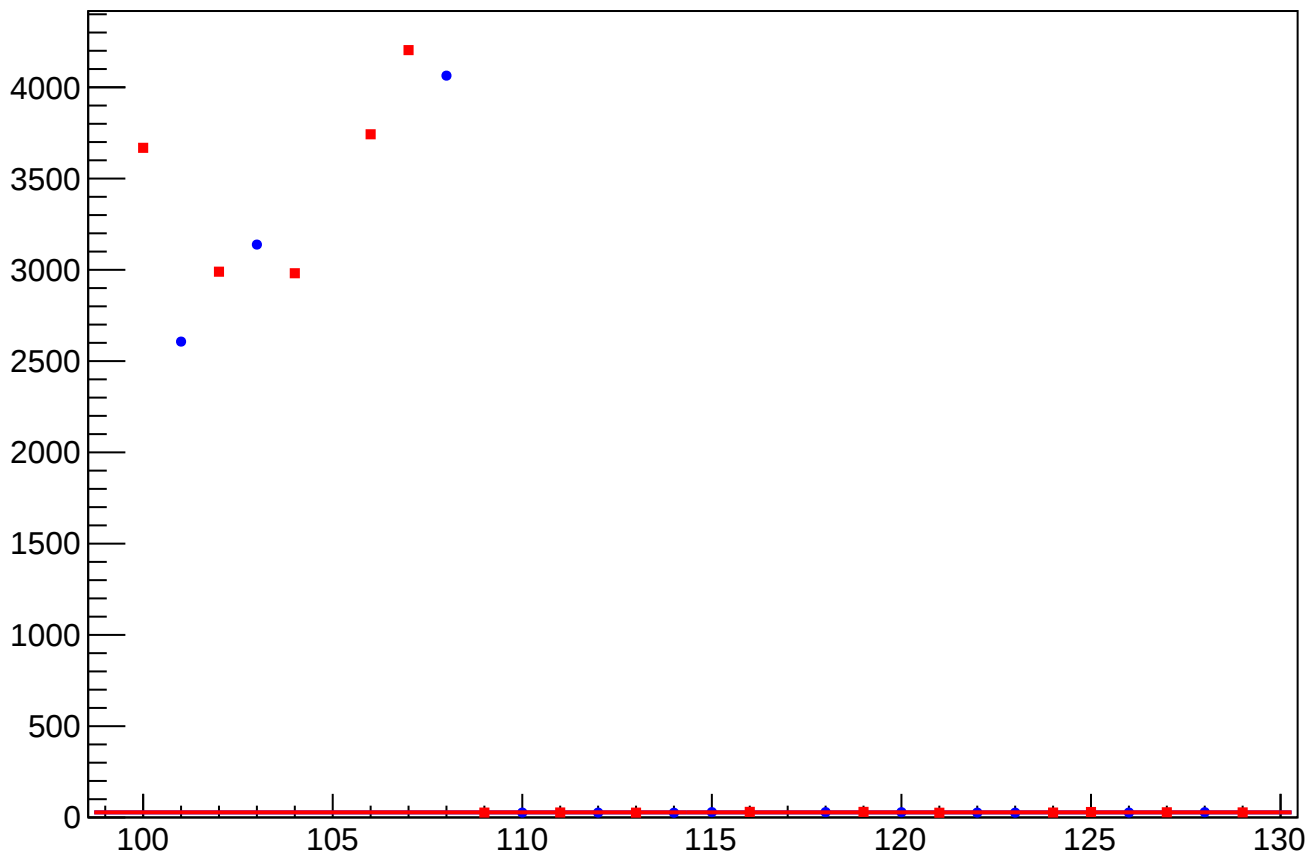
Right: 18.634+/-10.621 χ^2/NDF : 31.7/27

In: -2.278+/-15.404 χ^2/NDF : 15.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.634+/-10.621 χ^2/NDF : 31.7/27

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.769+/-0.011 χ^2/NDF : 3018609.1/12

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

Right Out: 27.917+/-0.010 χ^2/NDF : 3478470.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

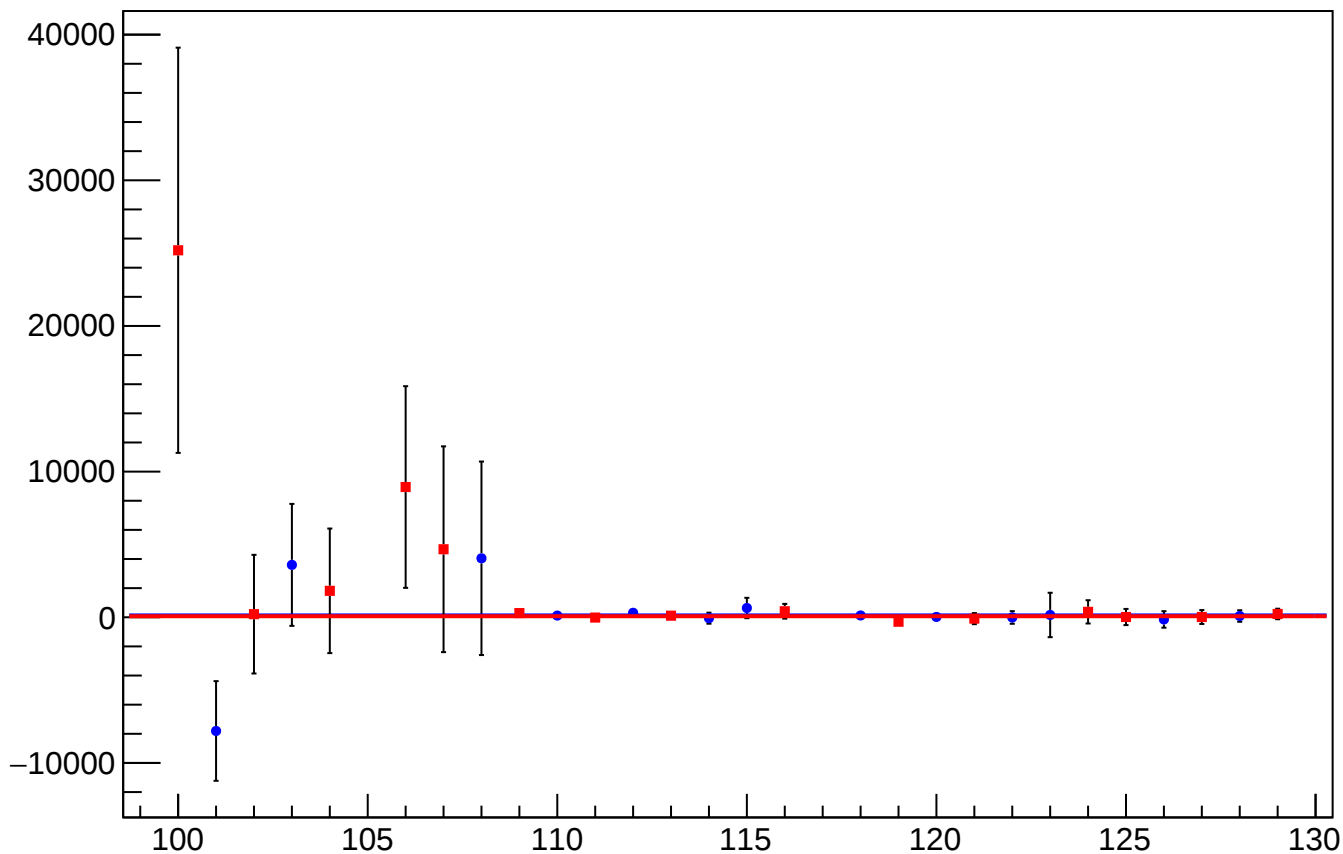
Right: 27.847+/-0.008 χ^2/NDF : 6497176.0/27

In: 27.769+/-0.011 χ^2/NDF : 3018609.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.847+/-0.008 χ^2/NDF : 6497176.0/27

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 126.745+/-104.569 χ^2/NDF : 8.3/12

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

Right Out: 72.221+/-94.073 χ^2/NDF : 9.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

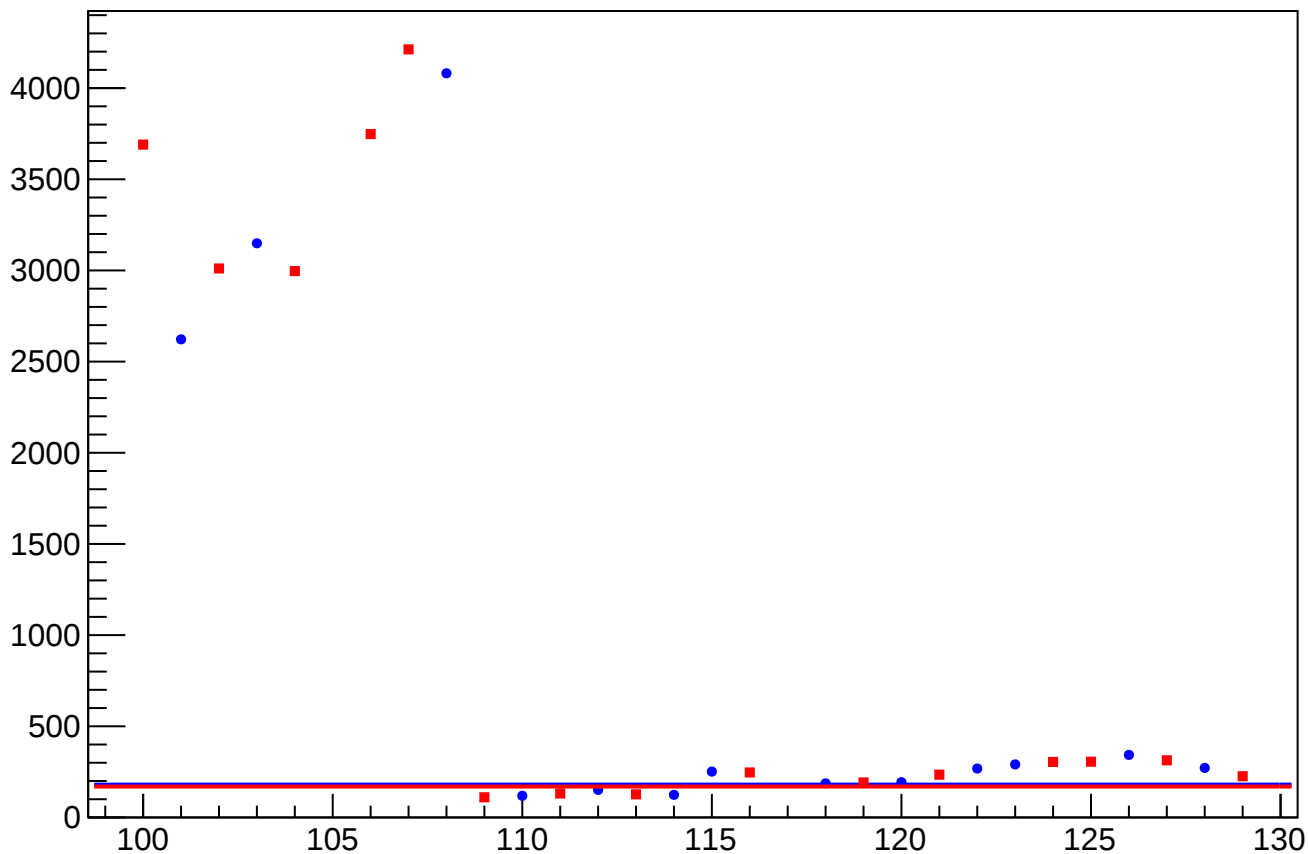
Right: 96.610+/-69.937 χ^2/NDF : 18.1/27

In: 126.745+/-104.569 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.610+/-69.937 χ^2/NDF : 18.1/27

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 180.089+/-0.074 χ^2/NDF : 3364128.3/12

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

Right Out: 169.532+/-0.067 χ^2/NDF : 4002995.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

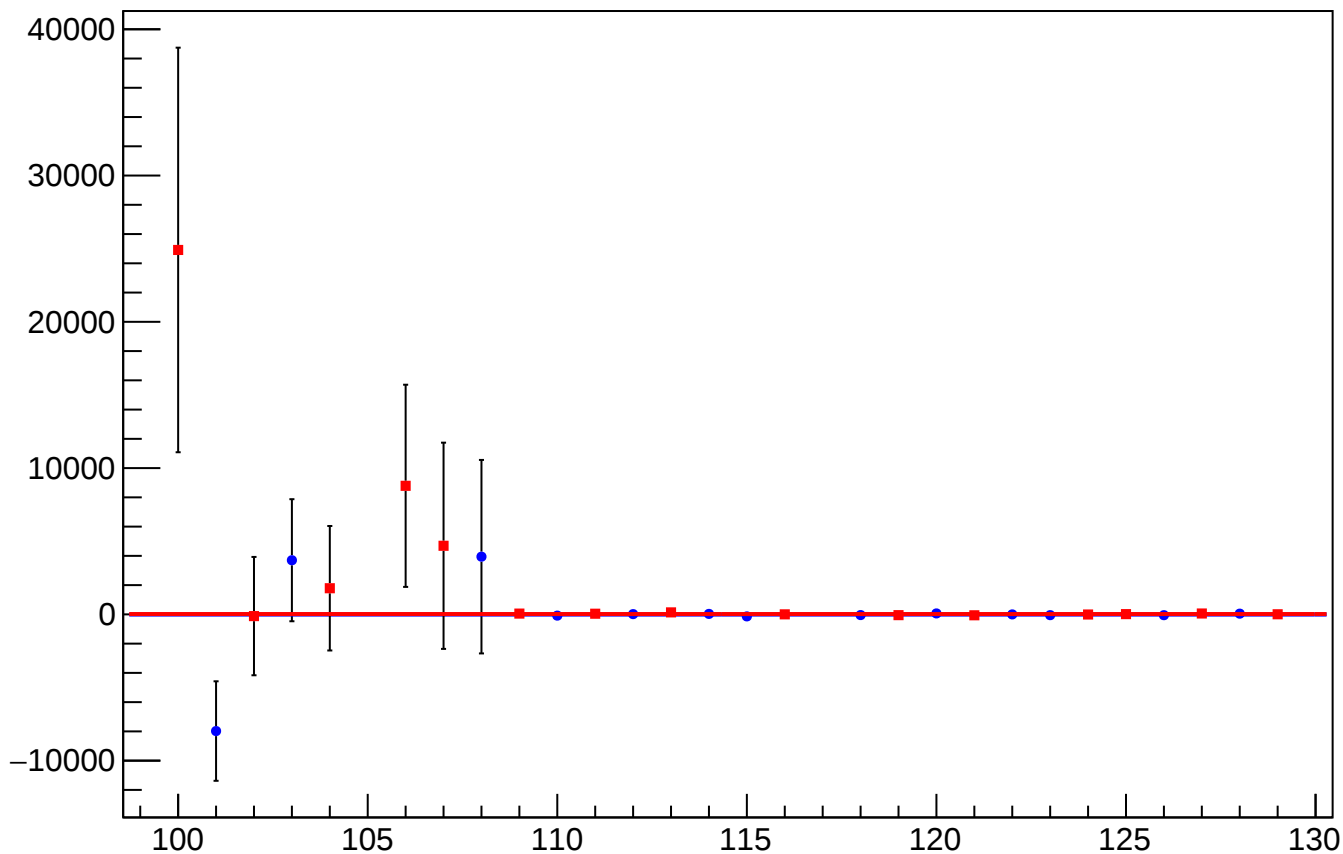
Right: 174.254+/-0.049 χ^2/NDF : 7378387.8/27

In: 180.089+/-0.074 χ^2/NDF :3364128.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 174.254+/-0.049 χ^2/NDF : 7378387.8/27

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -12.785+/-18.755 χ^2/NDF : 15.2/12

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

Right Out: 22.729+/-17.725 χ^2/NDF : 17.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

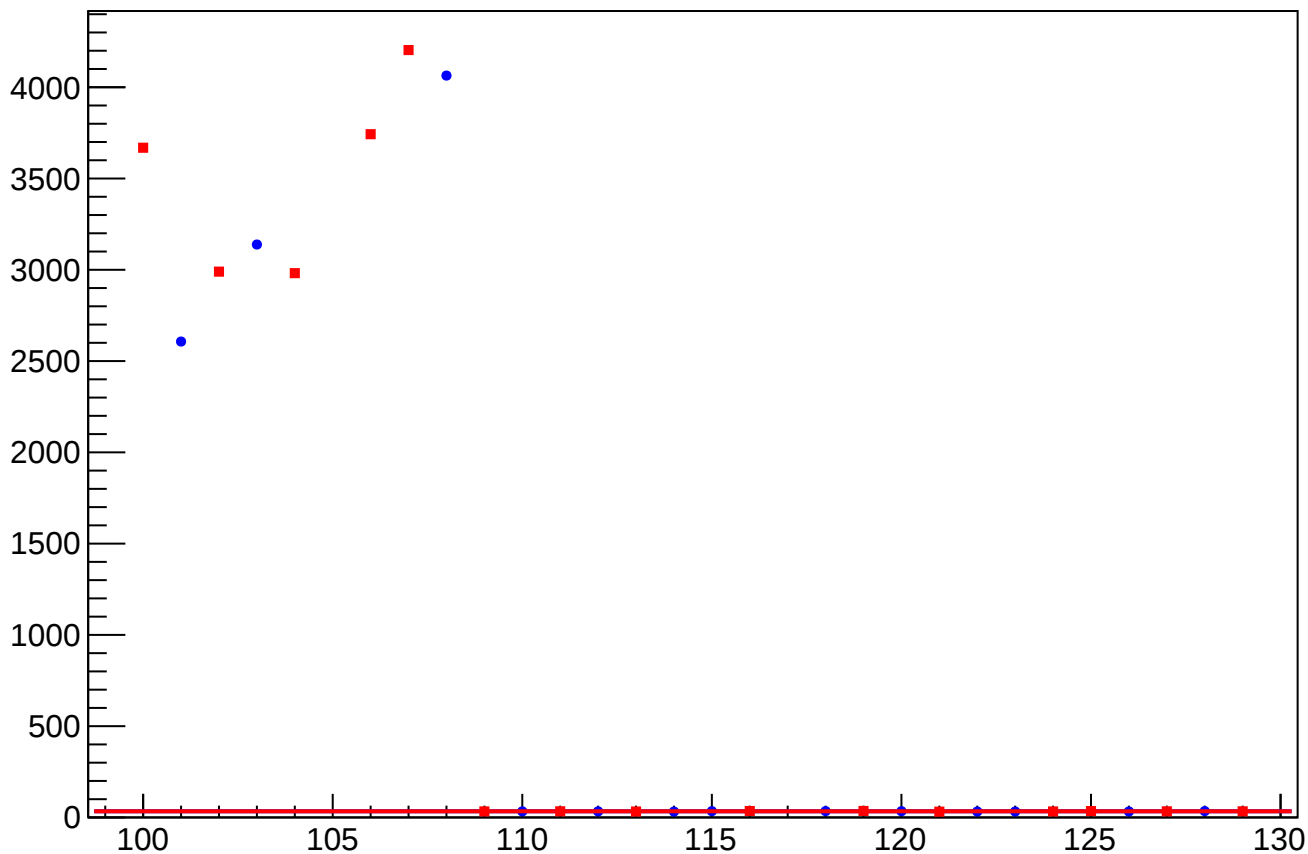
Right: 5.974+/-12.882 χ^2/NDF : 34.5/27

In: -12.785+/-18.755 χ^2/NDF : 15.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.974+/-12.882 χ^2/NDF : 34.5/27

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 33.843+/-0.013 χ^2/NDF : 2999693.0/12

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

Right Out: 33.830+/-0.013 χ^2/NDF : 3450886.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

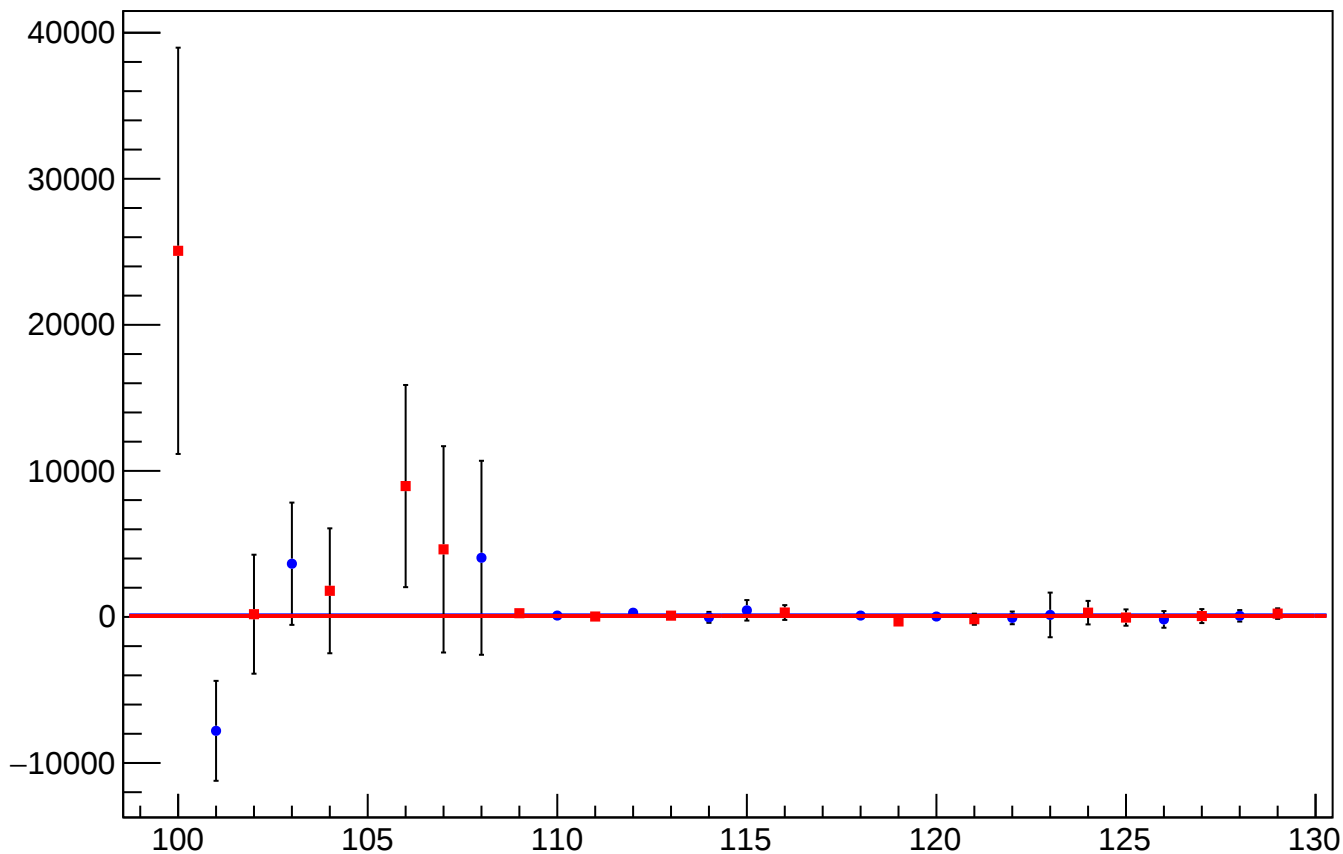
Right: 33.836+/-0.009 χ^2/NDF : 6450580.3/27

In: 33.843+/-0.013 χ^2/NDF : 2999693.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.836+/-0.009 χ^2/NDF : 6450580.3/27

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 107.042 $\pm$ 104.004 χ^2 /NDF: 7.9/12

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

Right Out: 64.219 $\pm$ 93.447 χ^2 /NDF: 9.0/14

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

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

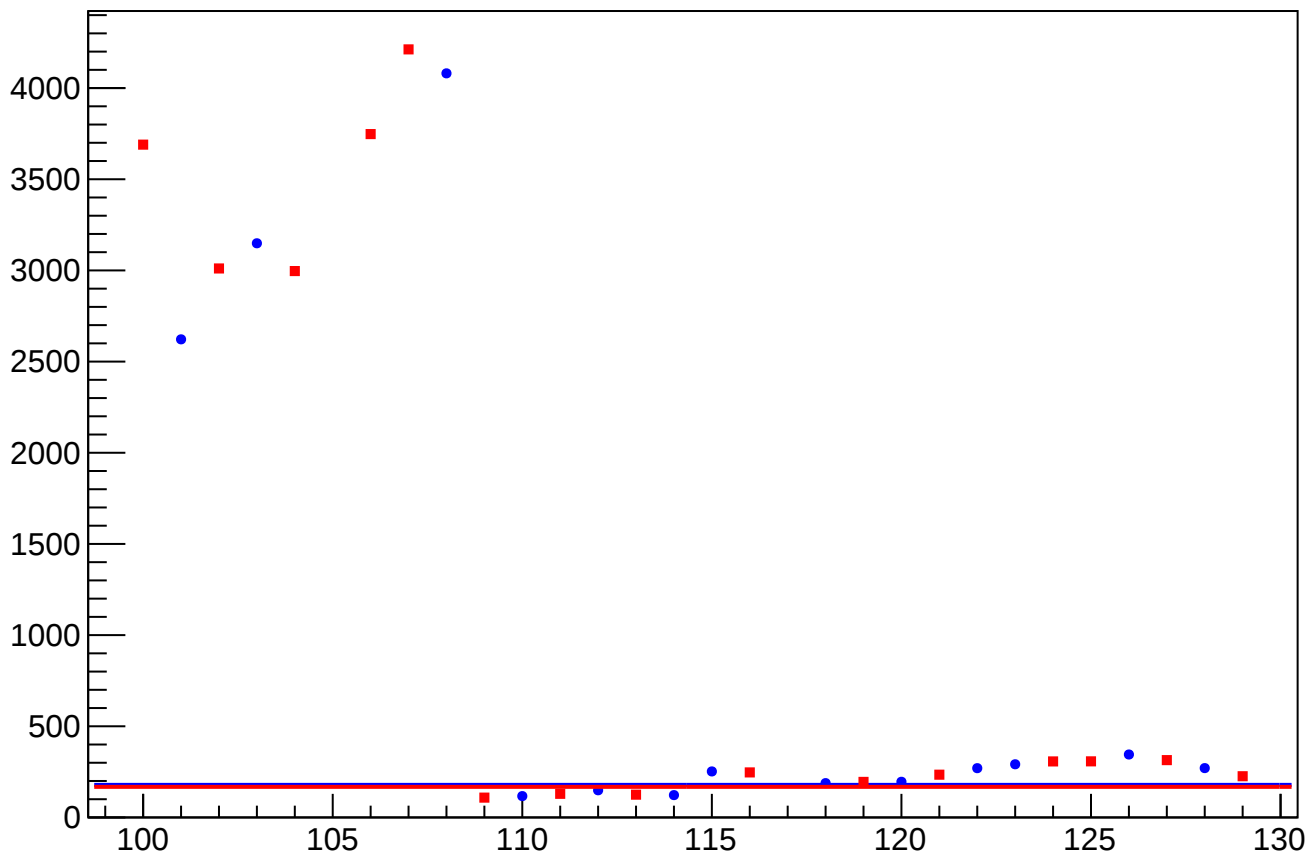
Right: 83.348 $\pm$ 69.511 χ^2 /NDF: 17.1/27

In: 107.042 $\pm$ 104.004 χ^2 /NDF:7.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 83.348 $\pm$ 69.511 χ^2 /NDF: 17.1/27

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 178.702+/-0.074 χ^2/NDF : 3394740.5/12

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

Right Out: 167.851+/-0.066 χ^2/NDF : 4044512.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

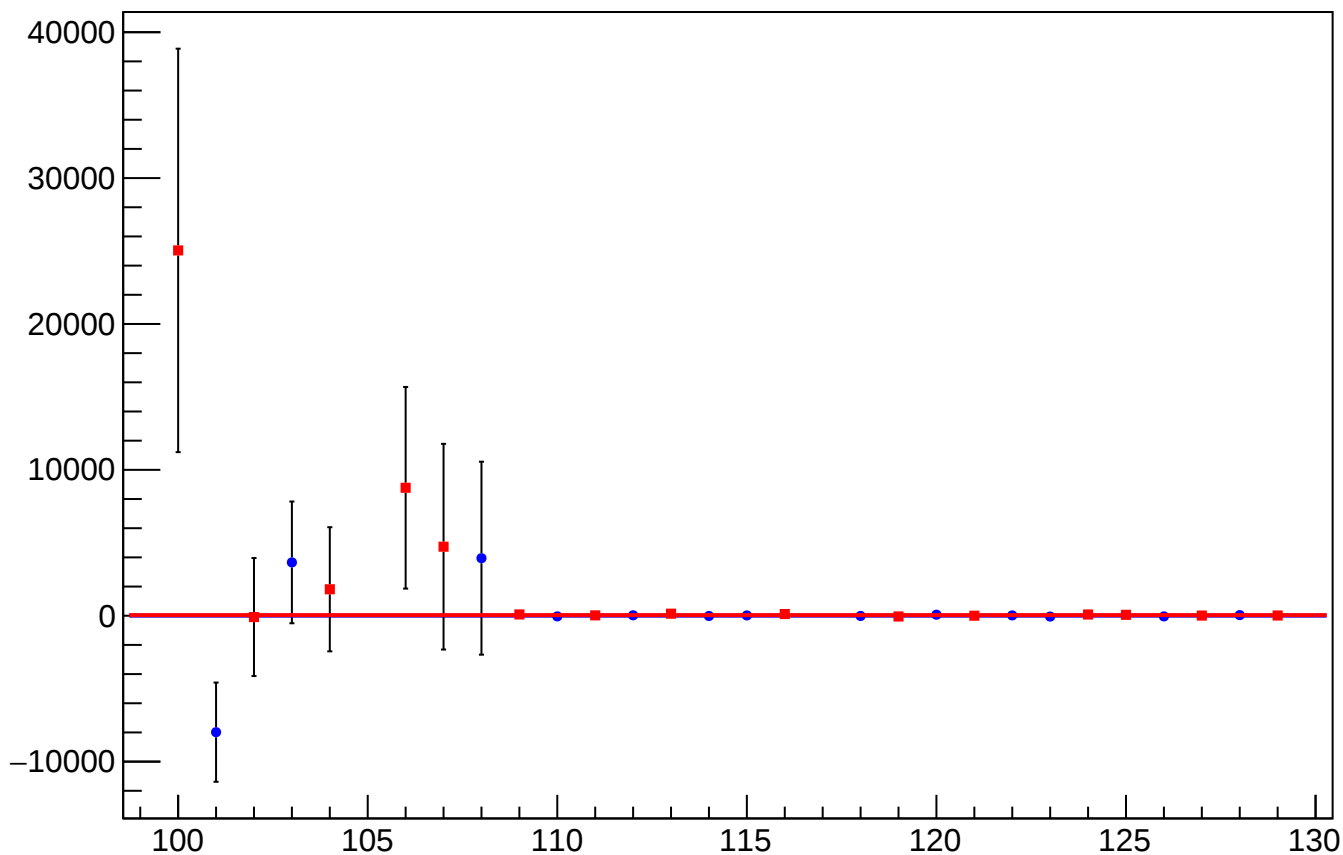
Right: 172.698+/-0.049 χ^2/NDF : 7451297.3/27

In: 178.702+/-0.074 χ^2/NDF :3394740.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 172.698+/-0.049 χ^2/NDF : 7451297.3/27

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 7.236+/-17.132 χ^2/NDF : 11.7/12

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

Right Out: 40.476+/-16.247 χ^2/NDF : 18.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

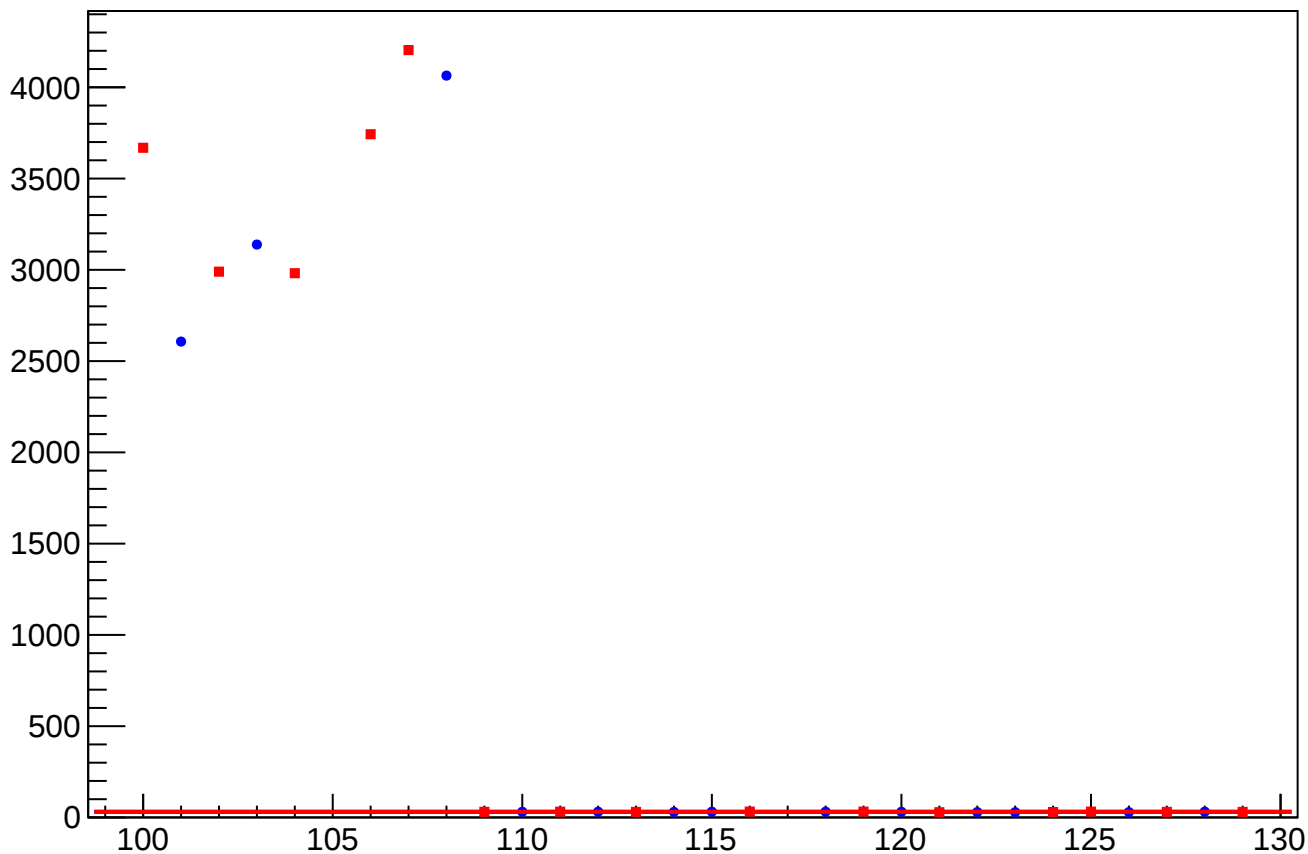
Right: 24.737+/-11.789 χ^2/NDF : 32.4/27

In: 7.236+/-17.132 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.737+/-11.789 χ^2/NDF : 32.4/27

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 30.929+/-0.012 χ^2/NDF : 3006203.3/12

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

Right Out: 30.989+/-0.011 χ^2/NDF : 3456683.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

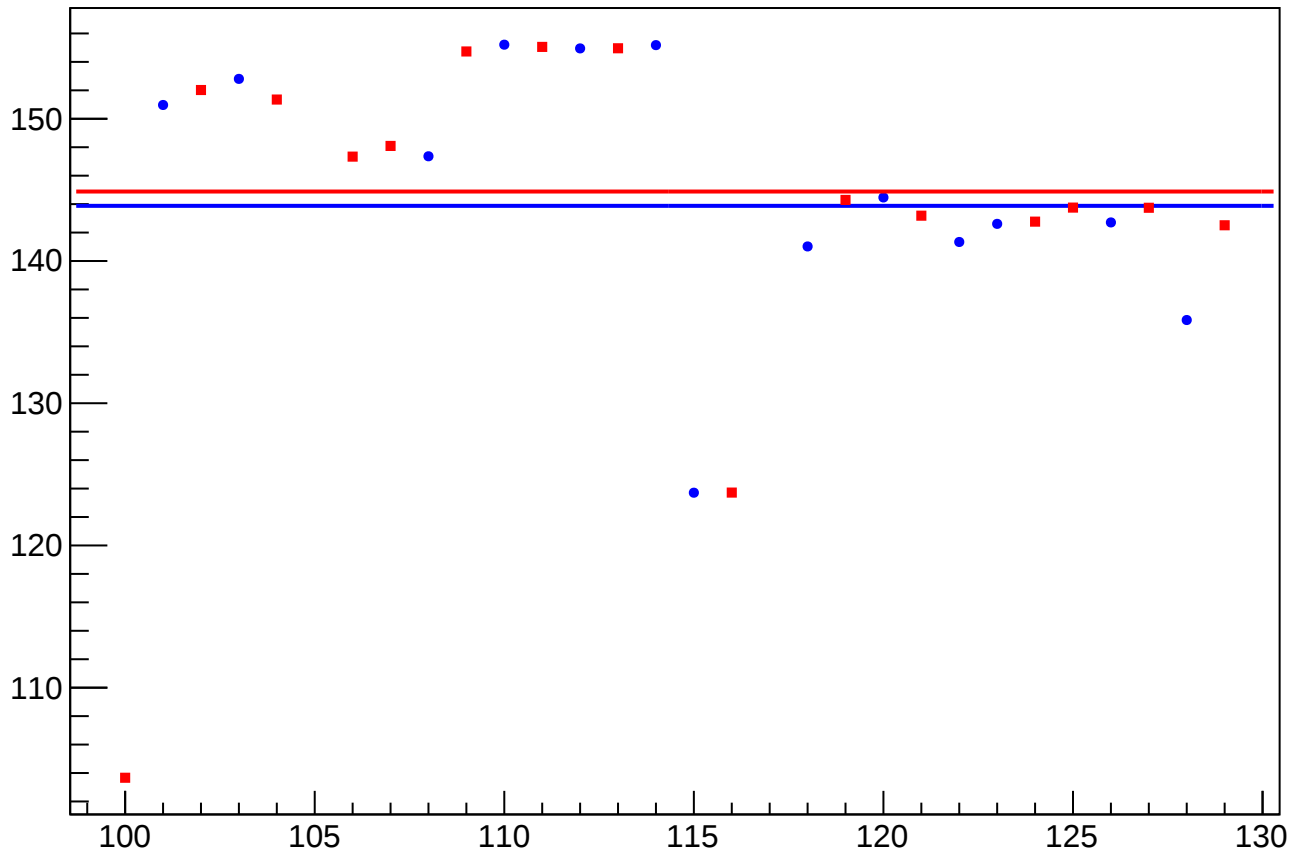
Right: 30.960+/-0.008 χ^2/NDF : 6462899.8/27

In: 30.929+/-0.012 χ^2/NDF : 3006203.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.960+/-0.008 χ^2/NDF : 6462899.8/27

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 143.879+/-0.000 χ^2/NDF : 2563063124.4/12

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

Right Out: 144.885+/-0.000 χ^2/NDF : 3930191087.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

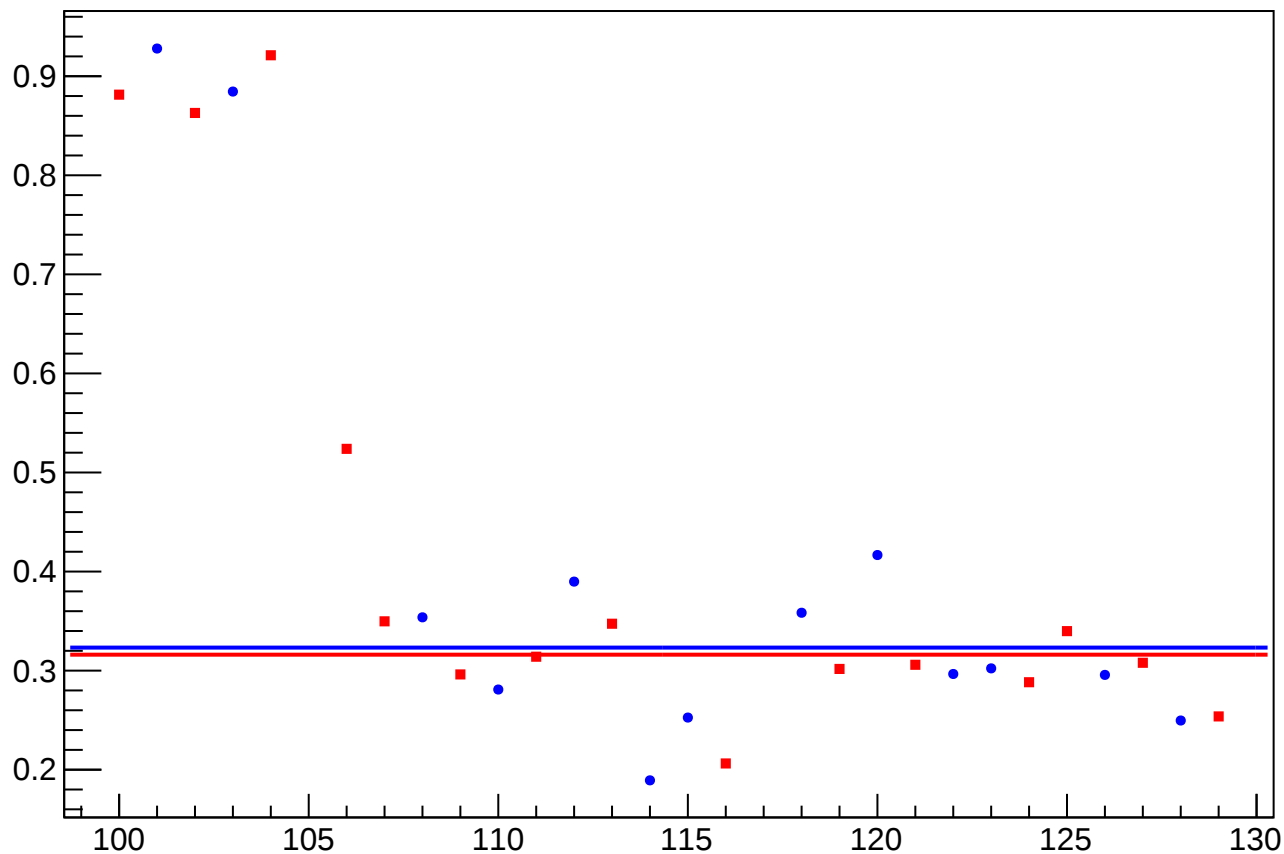
Right: 144.437+/-0.000 χ^2/NDF : 6513431862.4/27

In: 143.879+/-0.000 χ^2/NDF : 2563063124.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.437+/-0.000 χ^2/NDF : 6513431862.4

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.323+/-0.000 χ^2/NDF : 1212124.2/12

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

Right Out: 0.316+/-0.000 χ^2/NDF : 1167732.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

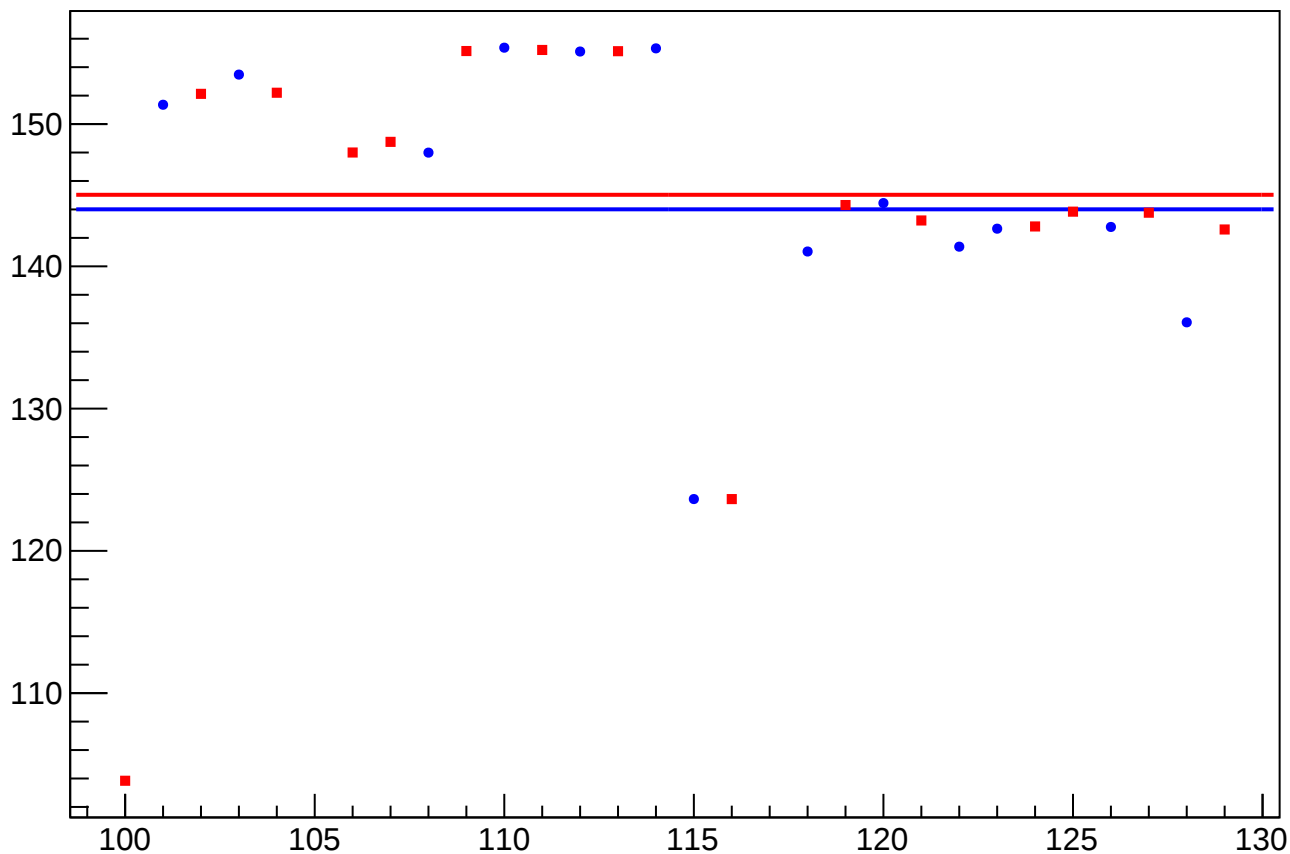
Right: 0.319+/-0.000 χ^2/NDF : 2381893.8/27

In: 0.323+/-0.000 χ^2/NDF : 1212124.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.319+/-0.000 χ^2/NDF : 2381893.8/27

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 144.008+/-0.000 χ^2/NDF : 2559099371.3/12

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

Right Out: 145.029+/-0.000 χ^2/NDF : 3946175878.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

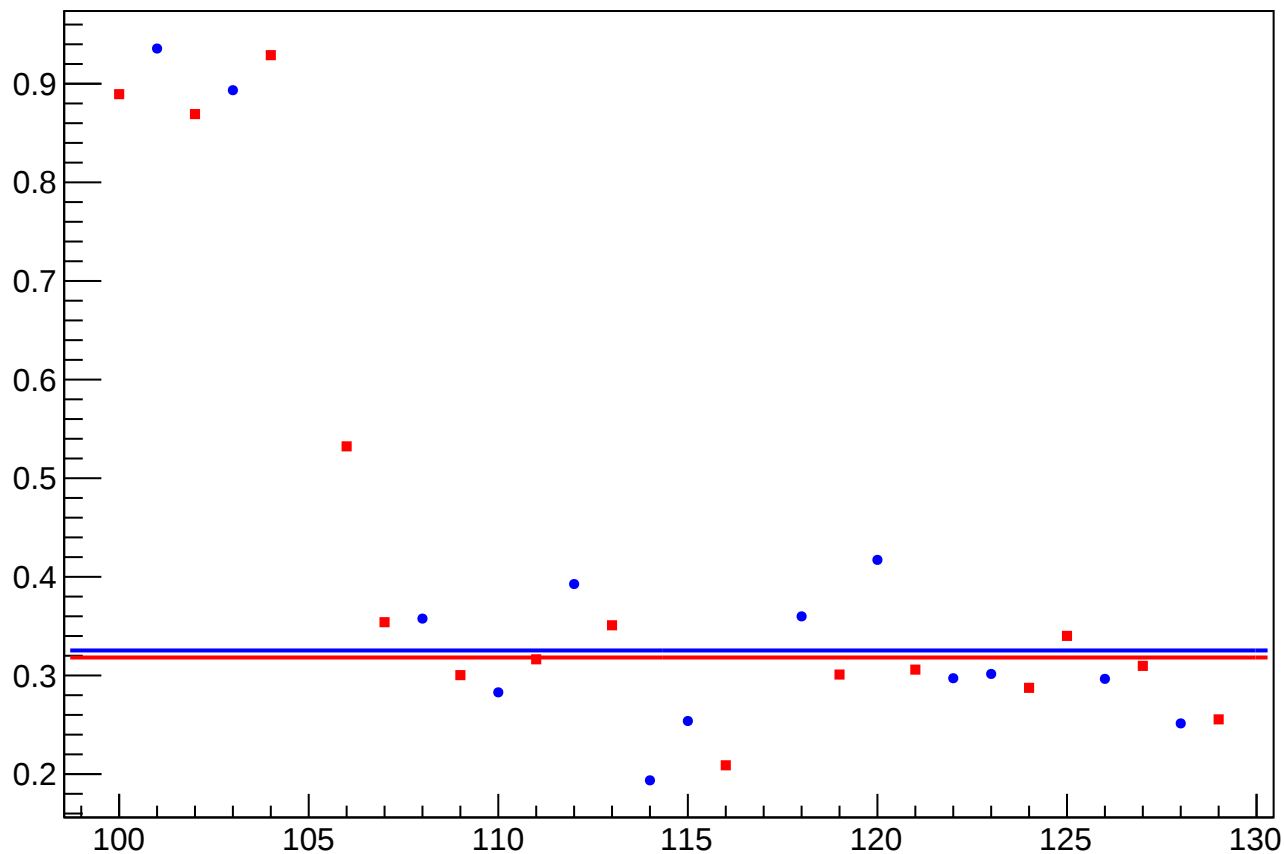
Right: 144.574+/-0.000 χ^2/NDF : 6525786668.1/27

In: 144.008+/-0.000 χ^2/NDF : 2559099371.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.574+/-0.000 χ^2/NDF : 6525786668.1

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.325+/-0.000 χ^2/NDF : 1209675.4/12

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

Right Out: 0.318+/-0.000 χ^2/NDF : 1169122.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

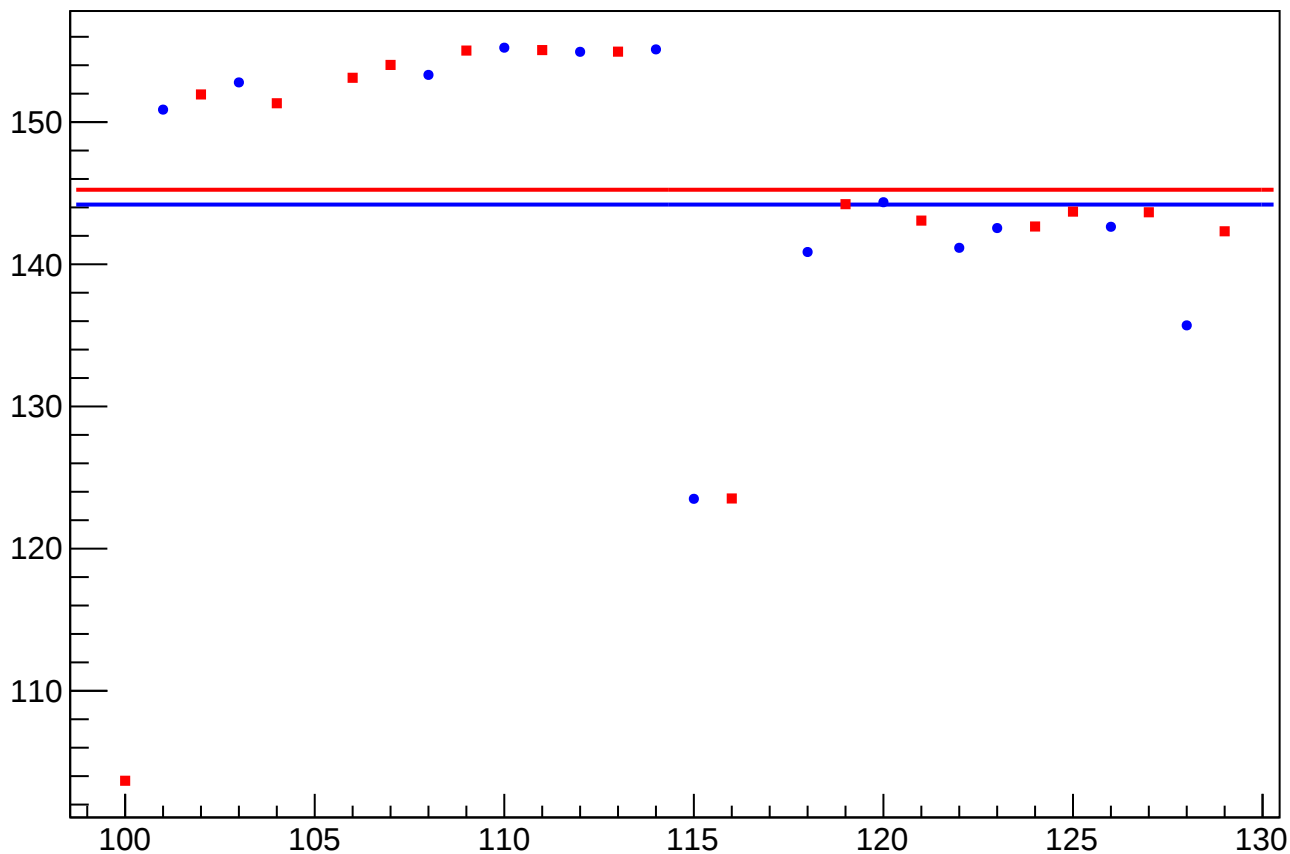
Right: 0.321+/-0.000 χ^2/NDF : 2380802.7/27

In: 0.325+/-0.000 χ^2/NDF : 1209675.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.321+/-0.000 χ^2/NDF : 2380802.7/27

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 144.200 $\pm$ 0.000 χ^2 /NDF: 2786878630.1/12

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

Right Out: 145.242 $\pm$ 0.000 χ^2 /NDF: 4200040373.1/14

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

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

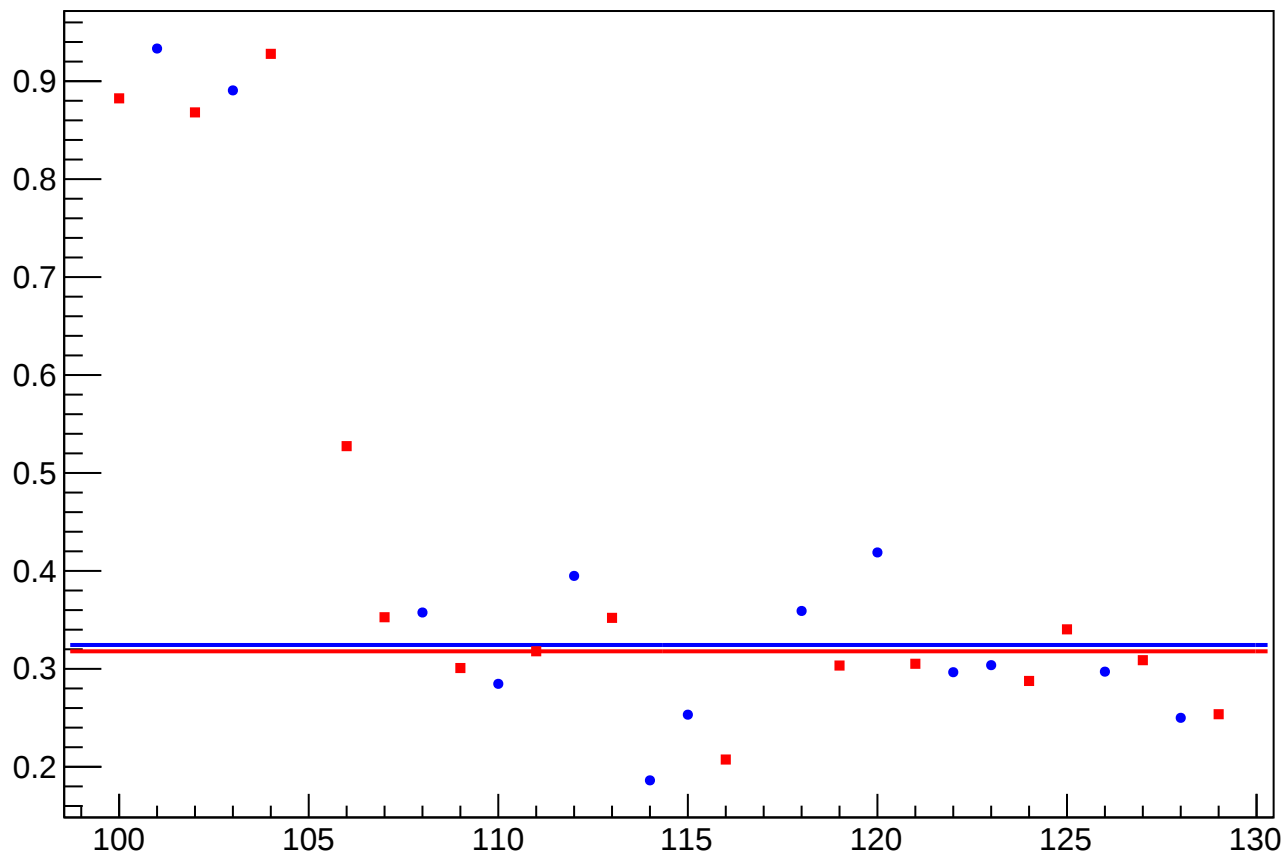
Right: 144.777 $\pm$ 0.000 χ^2 /NDF: 7008337661.2/27

In: 144.200 $\pm$ 0.000 χ^2 /NDF: 2786878630.1/12

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

All: 144.777 $\pm$ 0.000 χ^2 /NDF: 7008337661.2

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.324+/-0.000 χ^2/NDF : 1224779.1/12

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

Right Out: 0.318+/-0.000 χ^2/NDF : 1172664.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

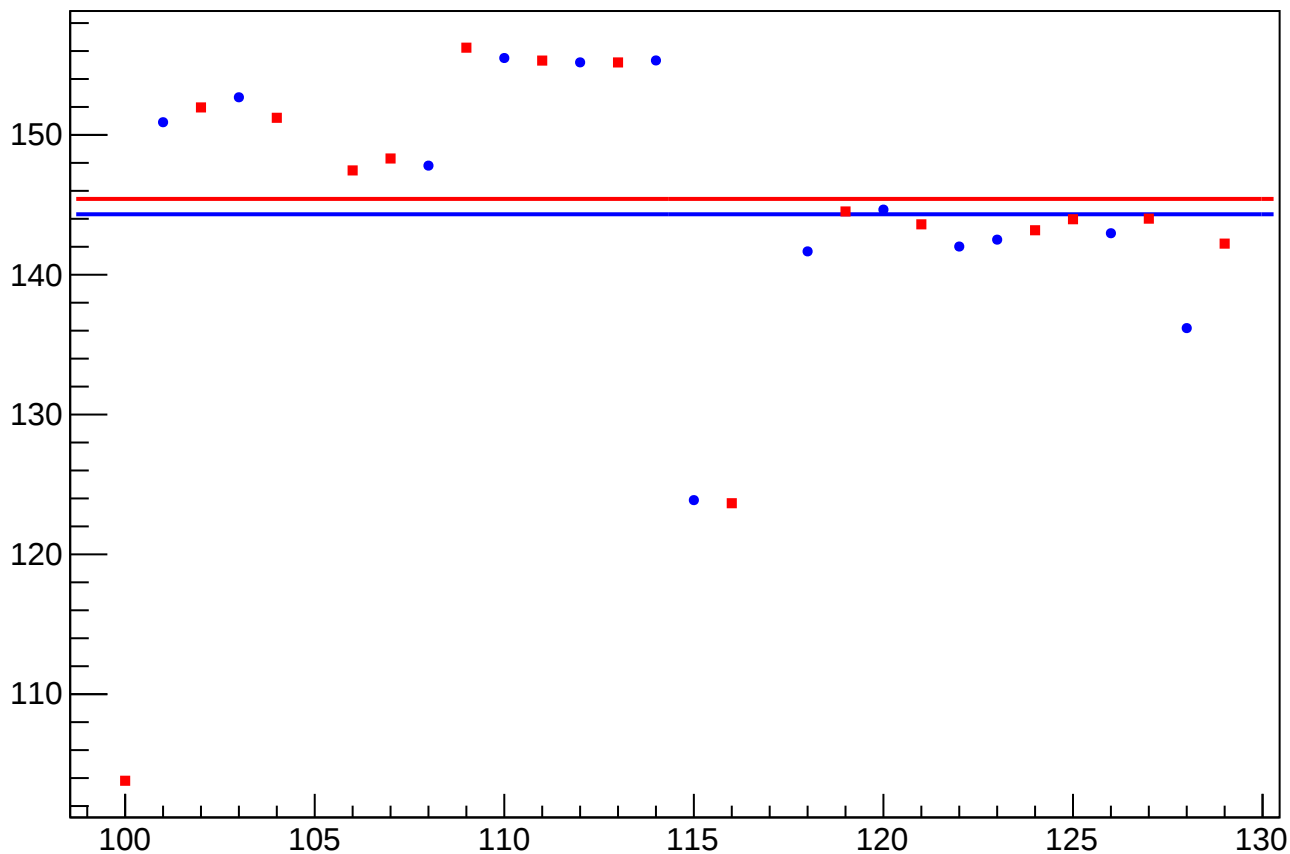
Right: 0.321+/-0.000 χ^2/NDF : 2399096.5/27

In: 0.324+/-0.000 χ^2/NDF : 1224779.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.321+/-0.000 χ^2/NDF : 2399096.5/27

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 144.325+/-0.000 χ^2/NDF : 2359113781.6/12

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

Right Out: 145.423+/-0.000 χ^2/NDF : 3625148649.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

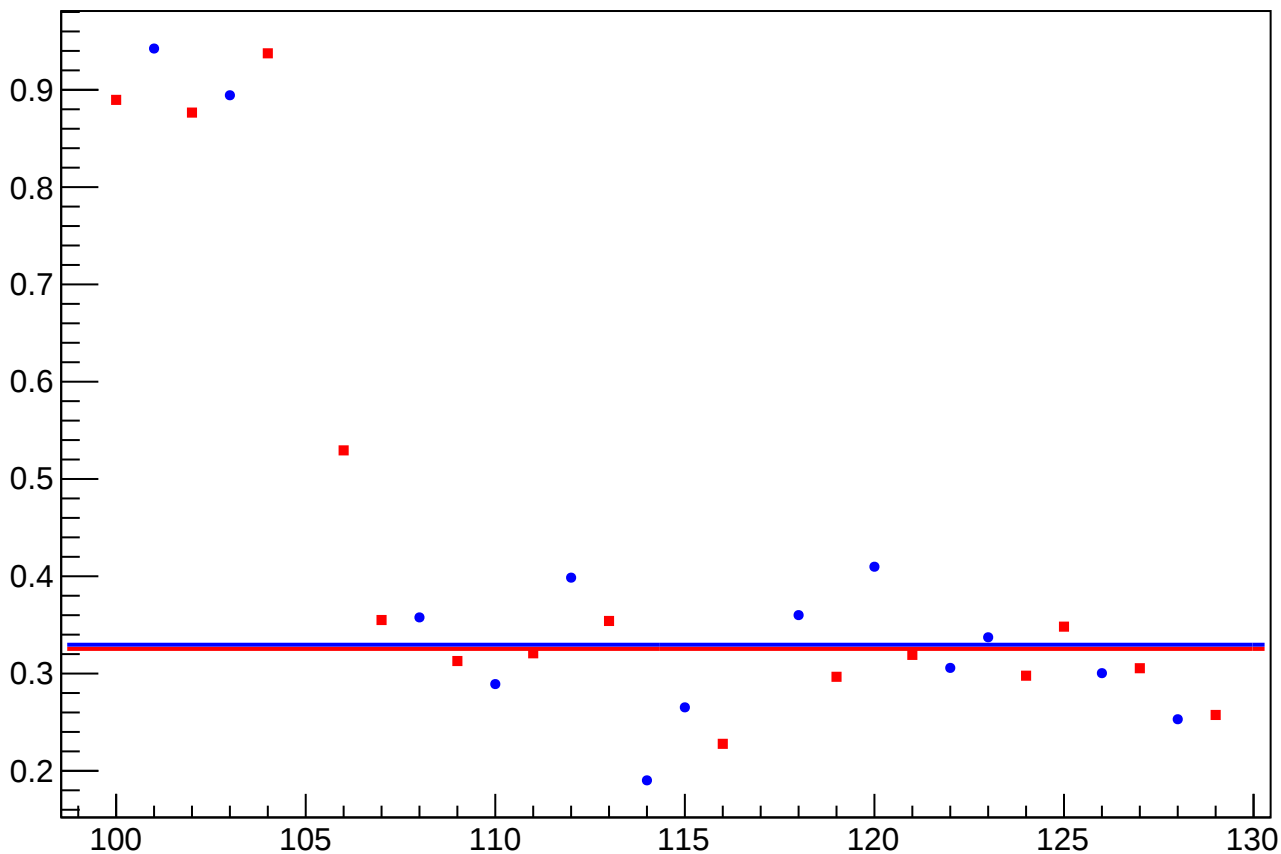
Right: 144.931+/-0.000 χ^2/NDF : 6007196568.9/27

In: 144.325+/-0.000 χ^2/NDF : 2359113781.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.931+/-0.000 χ^2/NDF : 6007196568.9

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.330+/-0.000 χ^2/NDF : 1196510.0/12

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

Right Out: 0.325+/-0.000 χ^2/NDF : 1117265.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

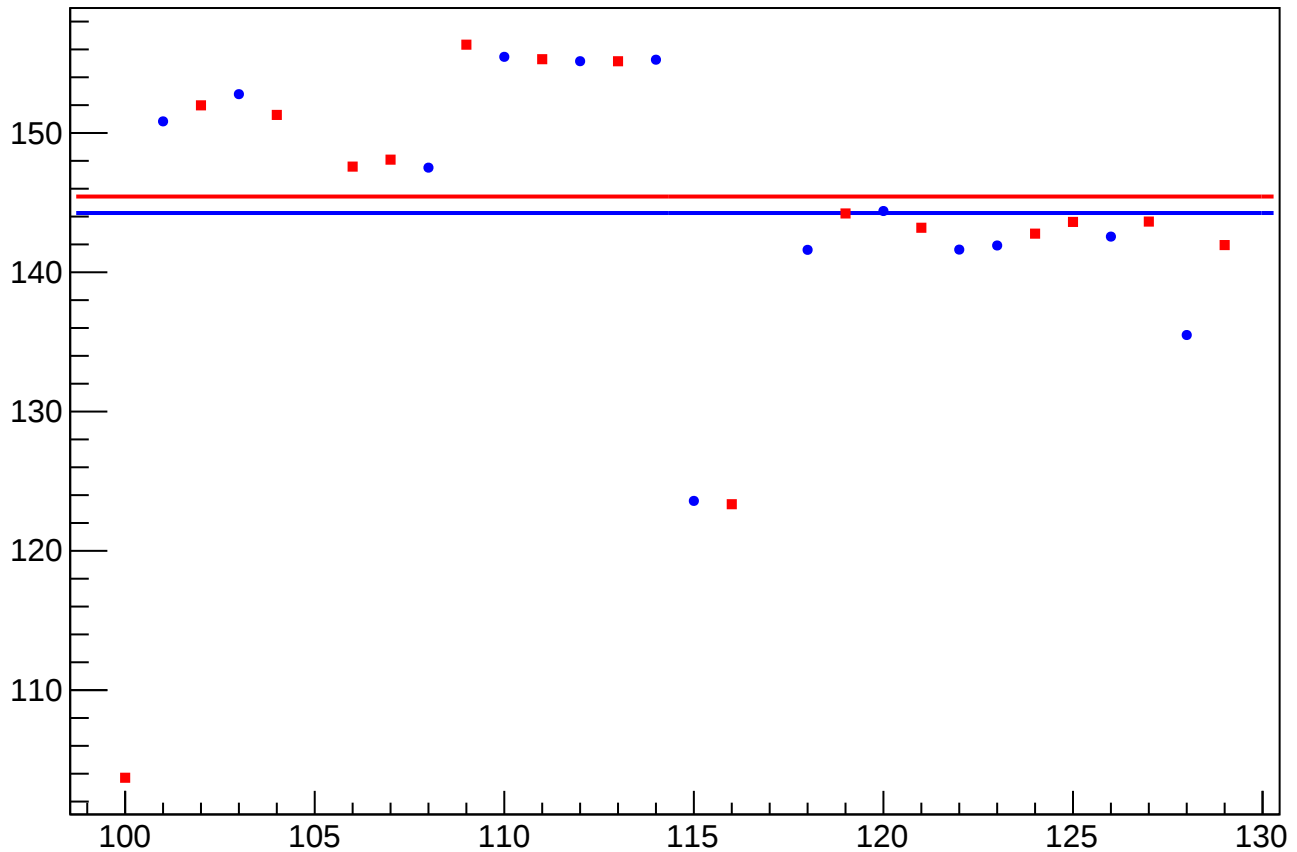
Right: 0.327+/-0.000 χ^2/NDF : 2314473.4/27

In: 0.330+/-0.000 χ^2/NDF : 1196510.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

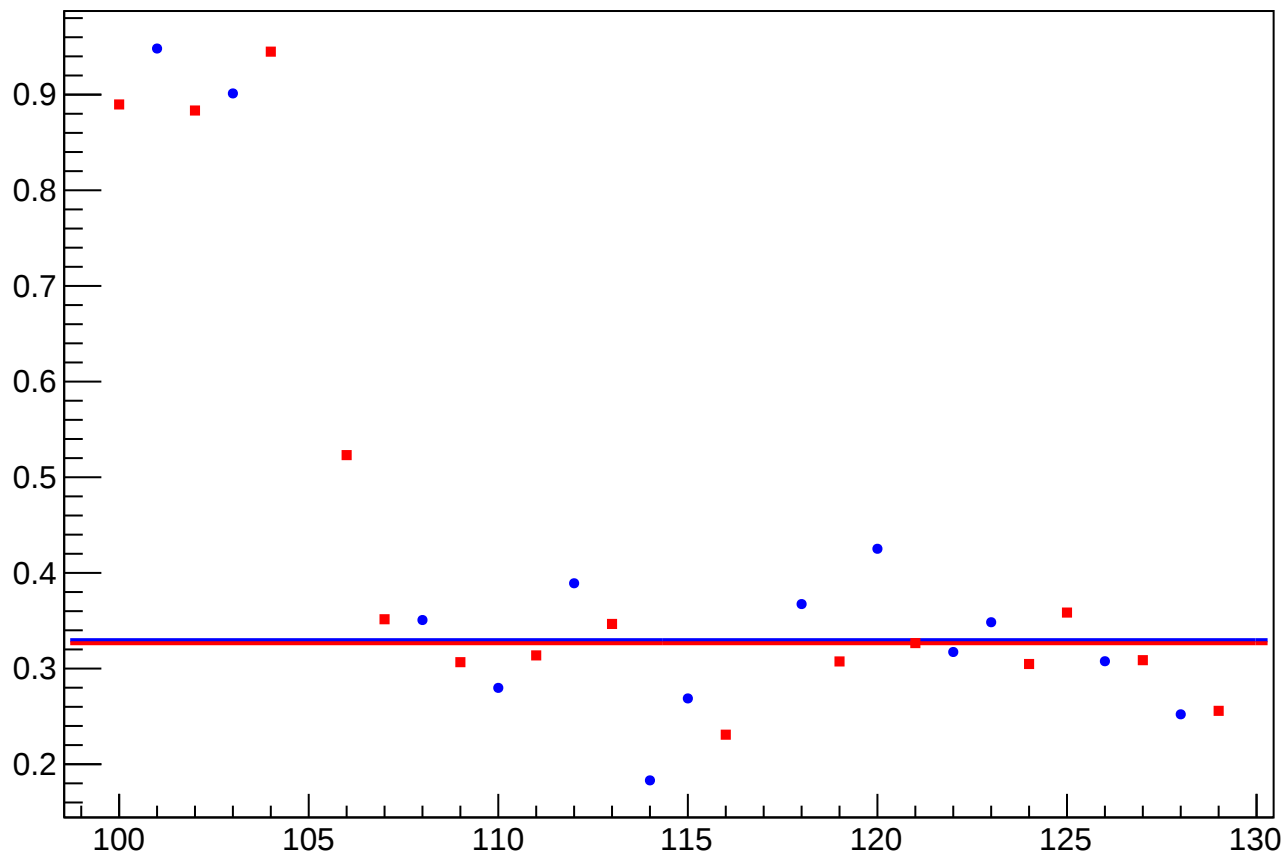
All: 0.327+/-0.000 χ^2/NDF : 2314473.4/27

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 144.255+/-0.000 χ^2/NDF : 2495076861.0/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 145.438+/-0.000 χ^2/NDF : 3700679430.9/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 144.907+/-0.000 χ^2/NDF : 6222208269.9

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.330+/-0.000 χ^2/NDF : 1222879.9/12

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

Right Out: 0.326+/-0.000 χ^2/NDF : 1110914.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

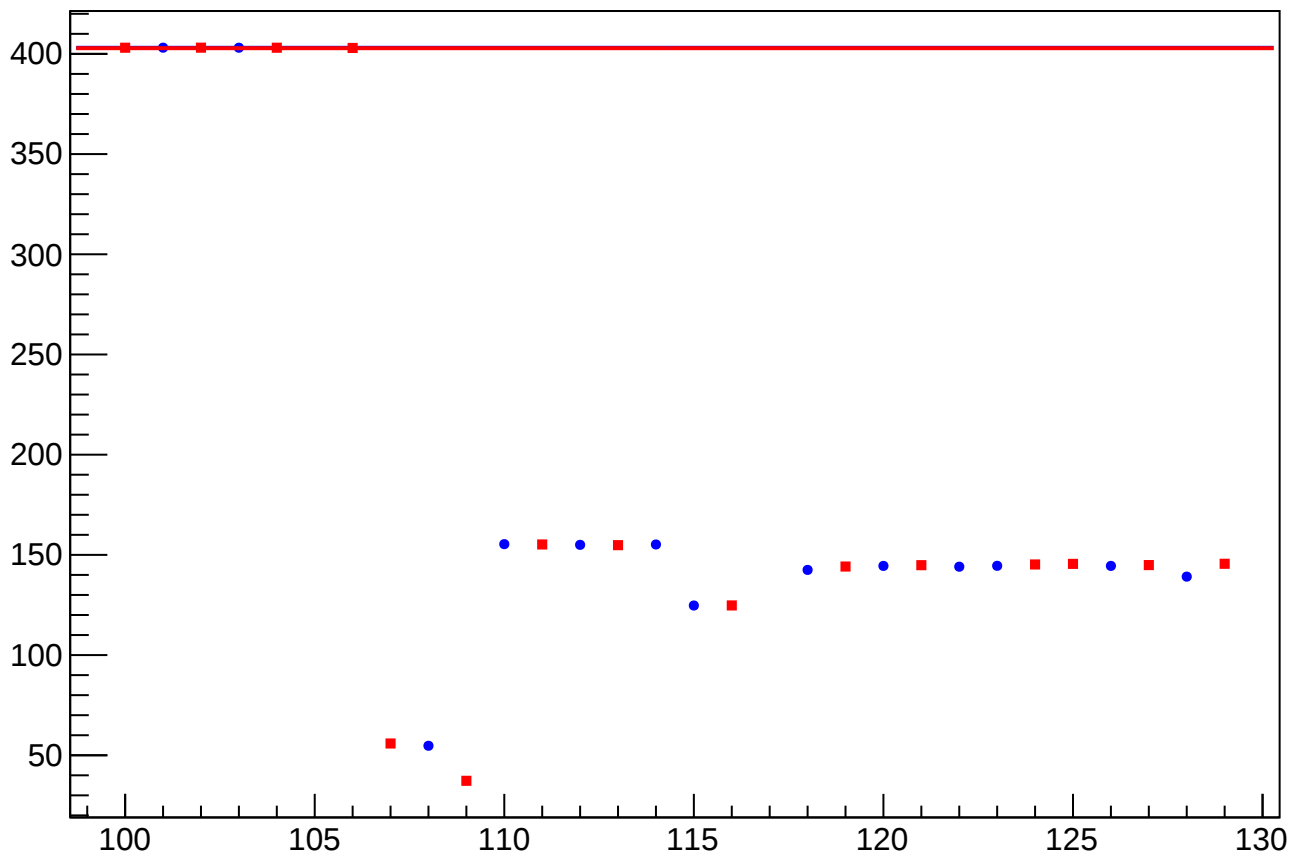
Right: 0.328+/-0.000 χ^2/NDF : 2334182.2/27

In: 0.330+/-0.000 χ^2/NDF : 1222879.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

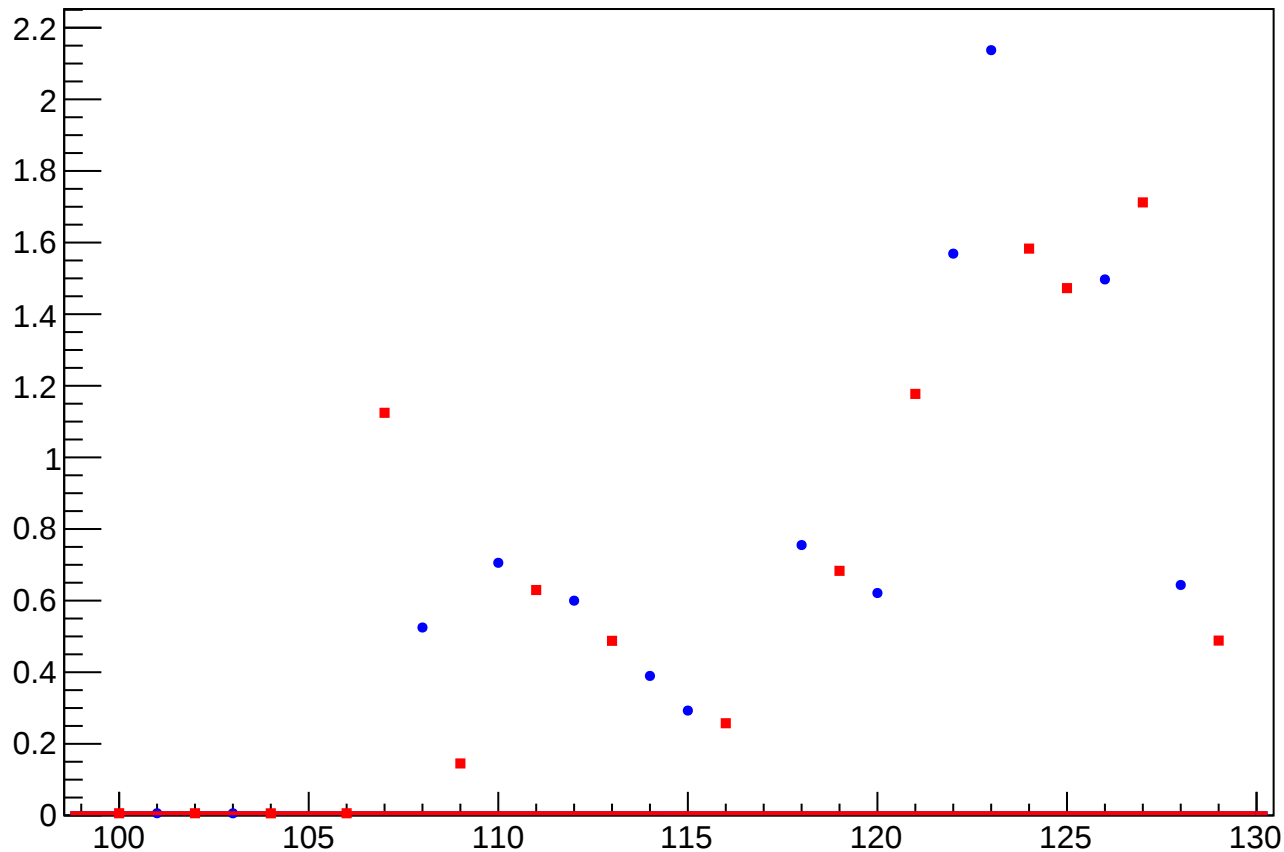
All: 0.328+/-0.000 χ^2/NDF : 2334182.2/27

yield_cav4bQ_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 403.025+/-0.000 χ^2 /NDF: 552867367719.0/12
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right Out: 402.844+/-0.000 χ^2 /NDF: 2690572912032.5/14
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 402.929+/-0.000 χ^2 /NDF: 3243984764790.3/12
 In: 403.025+/-0.000 χ^2 /NDF: 552867367719.0/12
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 5713828.2/12

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

Right Out: 0.006+/-0.000 χ^2/NDF : 6515385.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

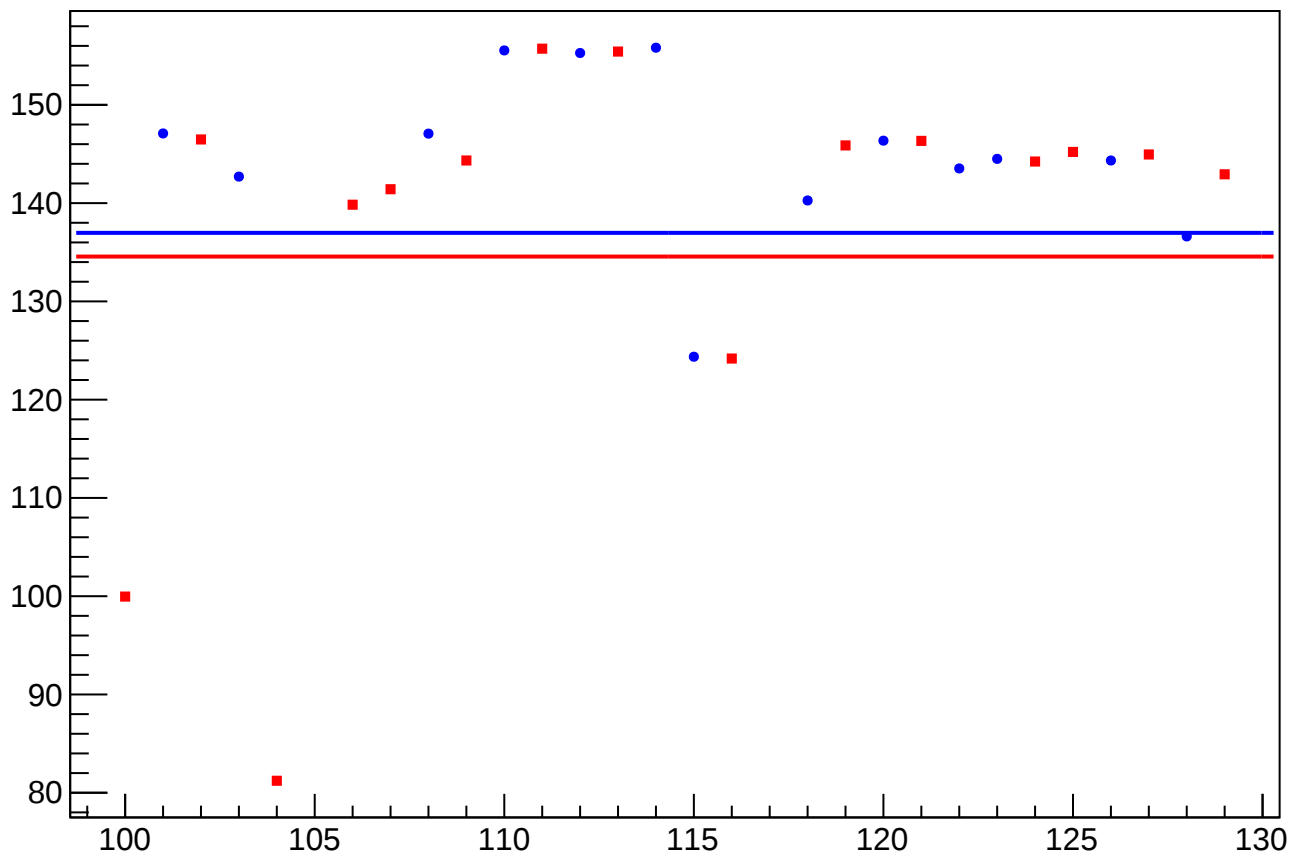
Right: 0.006+/-0.000 χ^2/NDF : 12229238.9/27

In: 0.006+/-0.000 χ^2/NDF : 5713828.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

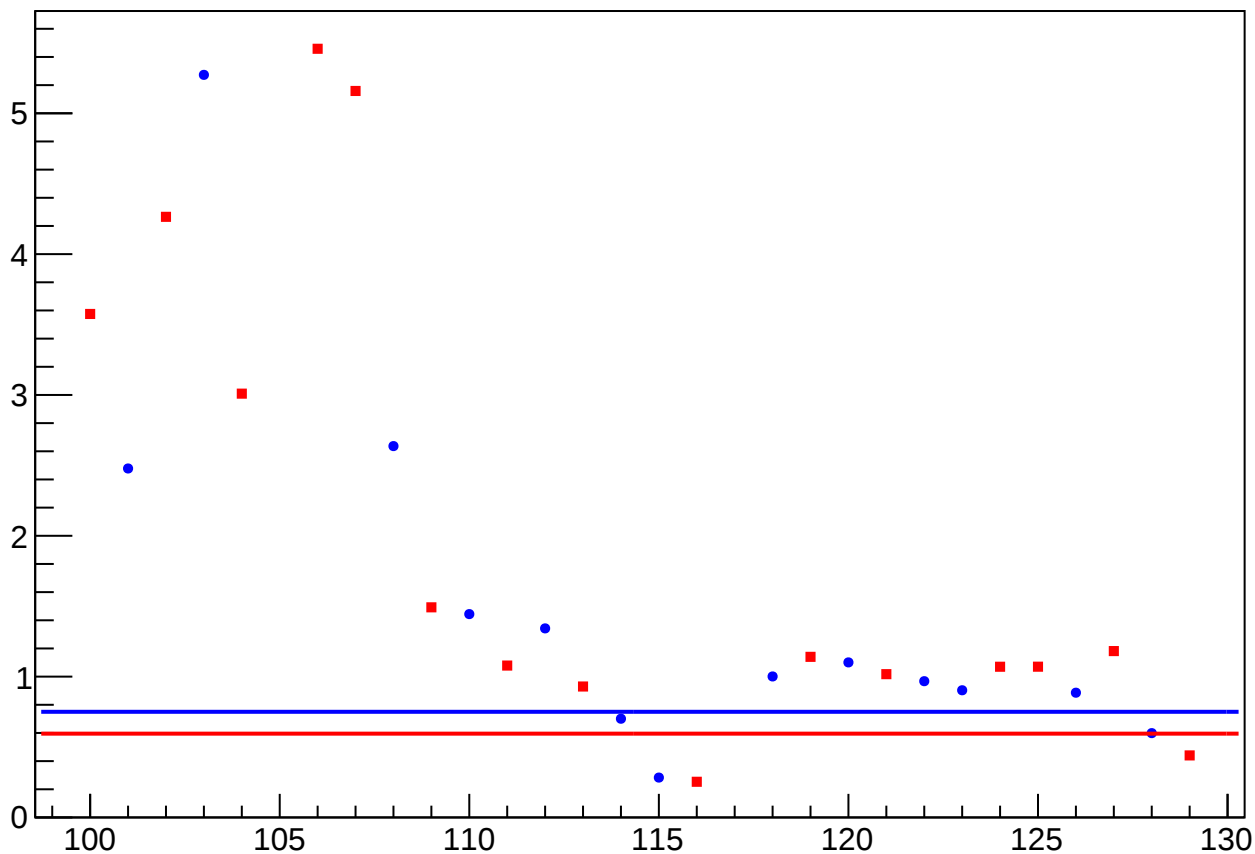
All: 0.006+/-0.000 χ^2/NDF : 12229238.9/27

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 136.974+/-0.000 χ^2/NDF : 509270303.9/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 134.563+/-0.000 χ^2/NDF : 1087320064.6/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 135.514+/-0.000 χ^2/NDF : 1612878375.9/27

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.750+/-0.000 χ^2/NDF : 2828633.2/12

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

Right Out: 0.595+/-0.000 χ^2/NDF : 4465035.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

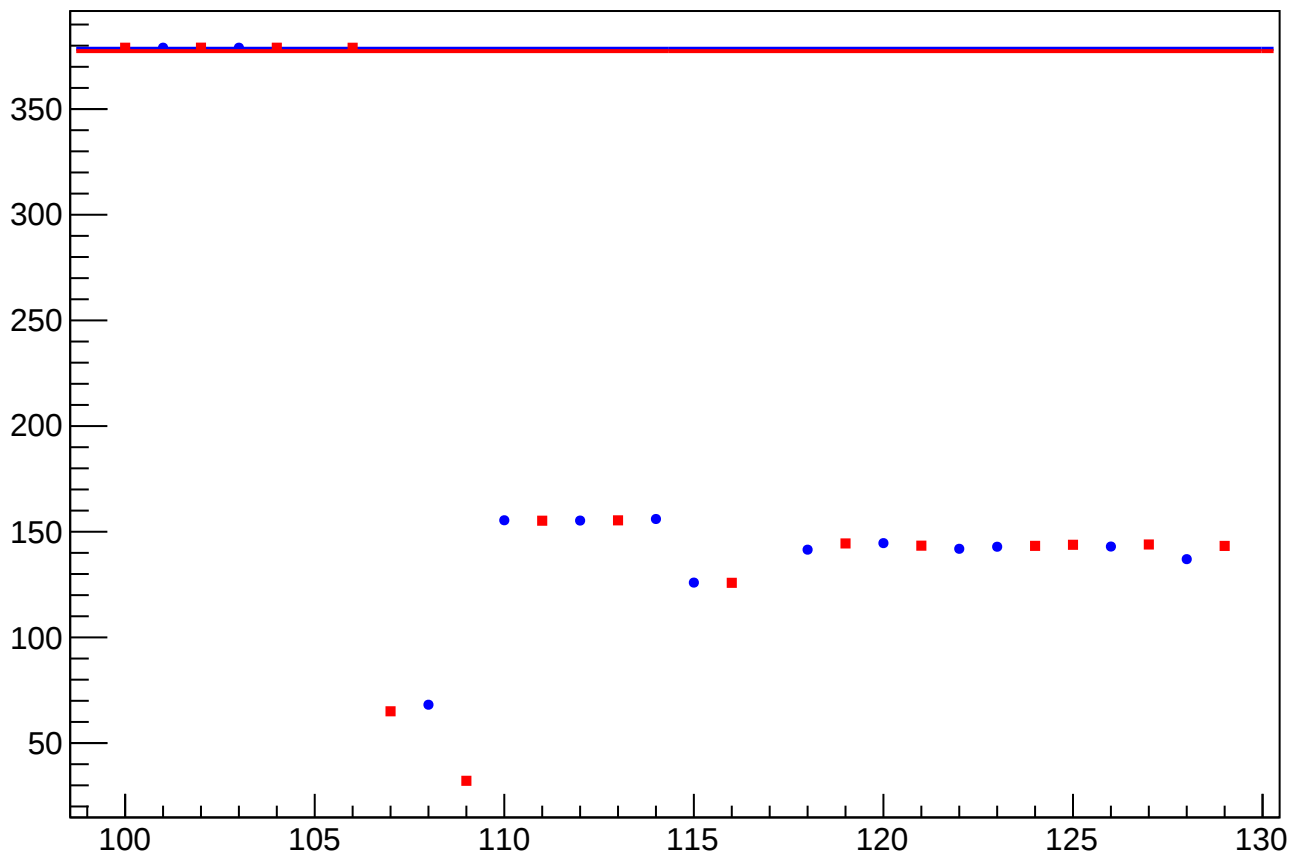
Right: 0.656+/-0.000 χ^2/NDF : 7428639.6/27

In: 0.750+/-0.000 χ^2/NDF : 2828633.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

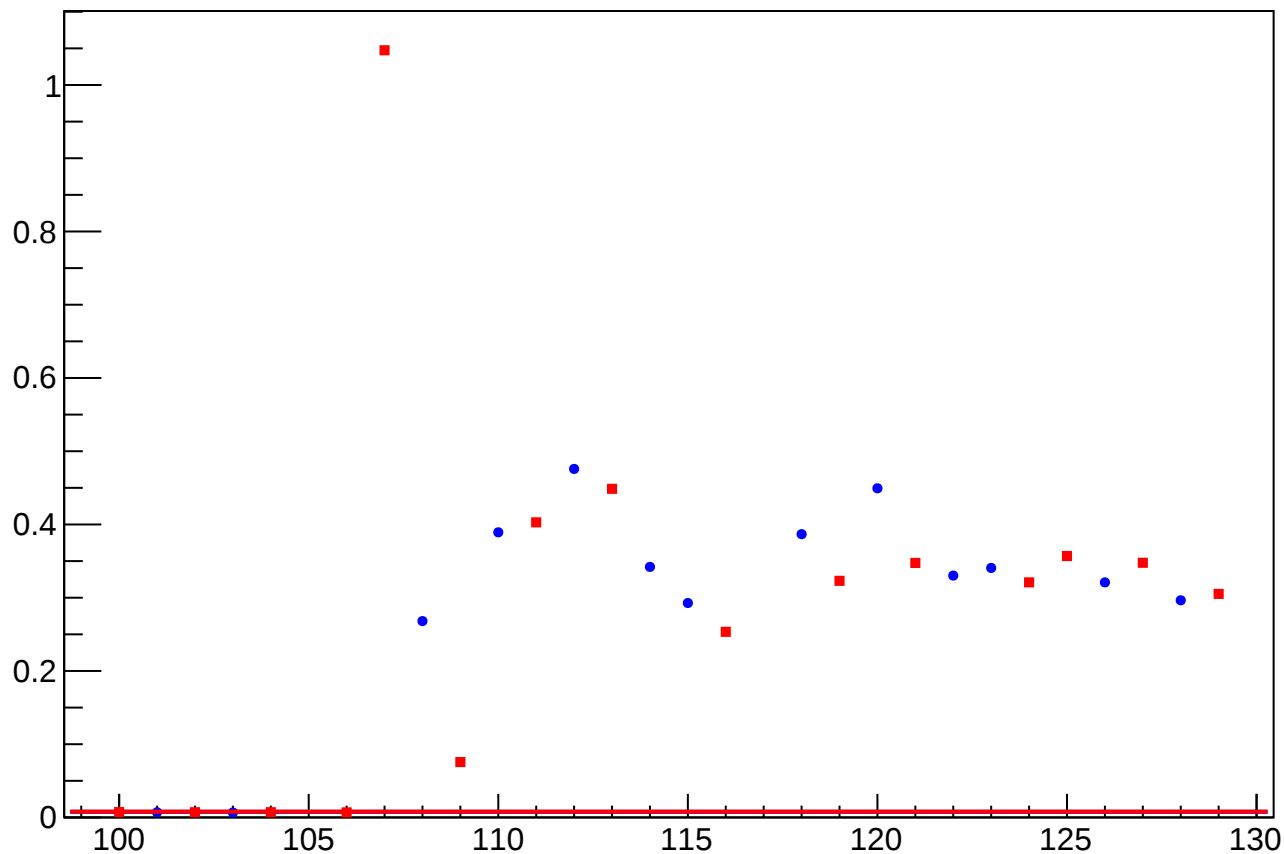
All: 0.656+/-0.000 χ^2/NDF : 7428639.6/27

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 378.539 $\pm$ 0.000 χ^2 /NDF: 1707337558236.6/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 377.423 $\pm$ 0.000 χ^2 /NDF: 7804345084039.9/14
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 377.945 $\pm$ 0.000 χ^2 /NDF: 9520515800500.8

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 6264249.1/12

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

Right Out: 0.008+/-0.000 χ^2/NDF : 6775099.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

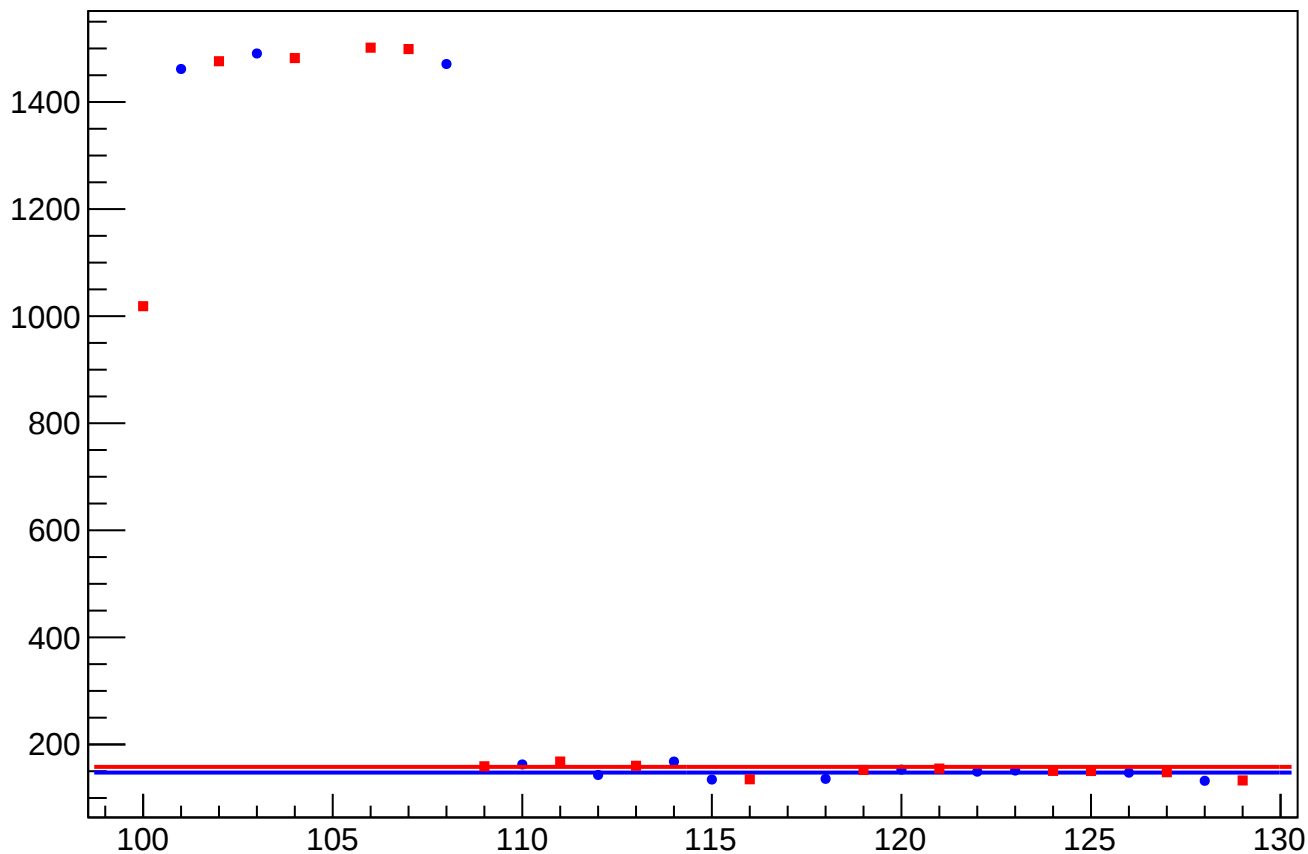
Right: 0.008+/-0.000 χ^2/NDF : 13039791.9/27

In: 0.008+/-0.000 χ^2/NDF : 6264249.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

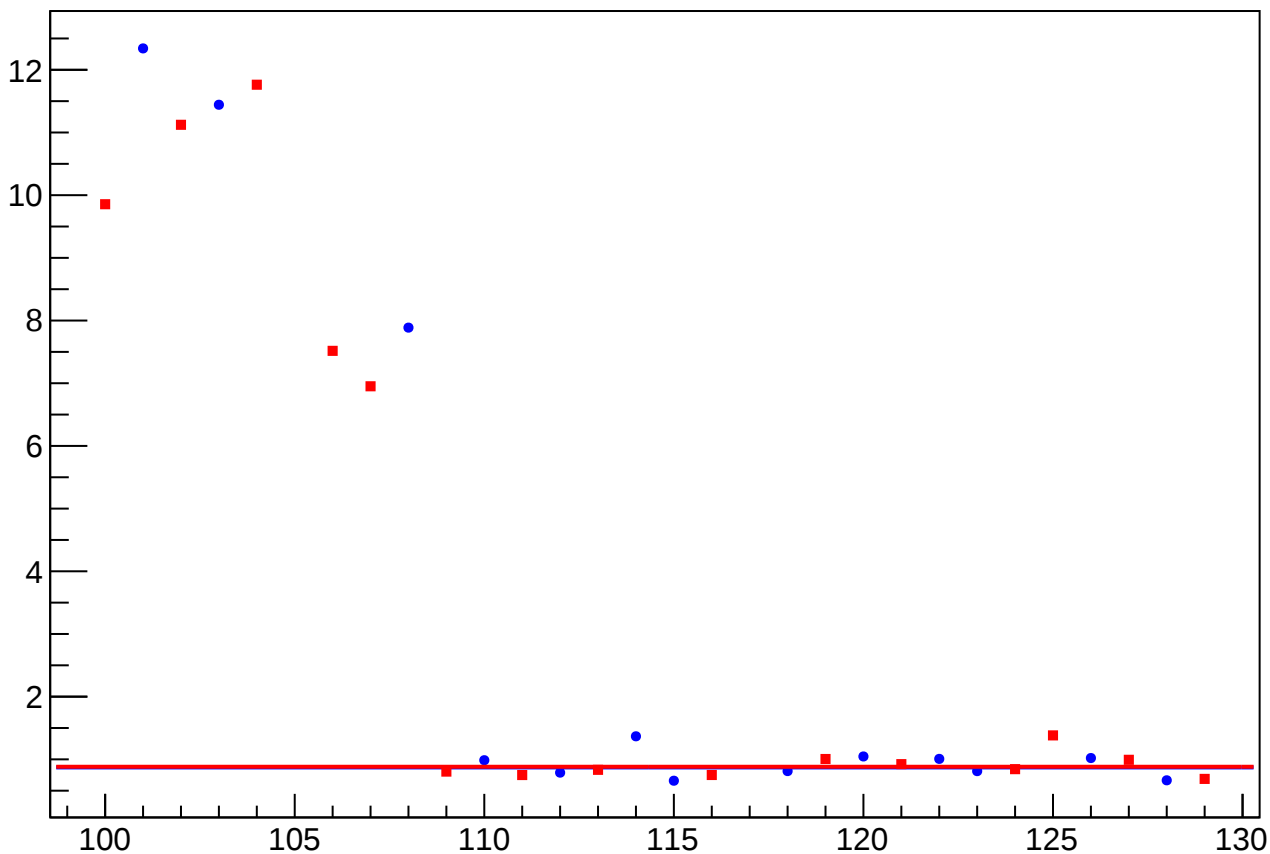
All: 0.008+/-0.000 χ^2/NDF : 13039791.9/27

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 147.474+/-0.001 χ^2/NDF : 24318094700.4/12
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 153.106+/-0.000 χ^2/NDF : 57894369793.0/27
 Right Out: 158.117+/-0.001 χ^2/NDF : 33370506495.6/14
 In: 147.474+/-0.001 χ^2/NDF : 24318094700.4/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 153.106+/-0.000 χ^2/NDF : 57894369793.0/27

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.871+/-0.000 χ^2/NDF : 2638277.3/12

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

Right Out: 0.882+/-0.000 χ^2/NDF : 2791323.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

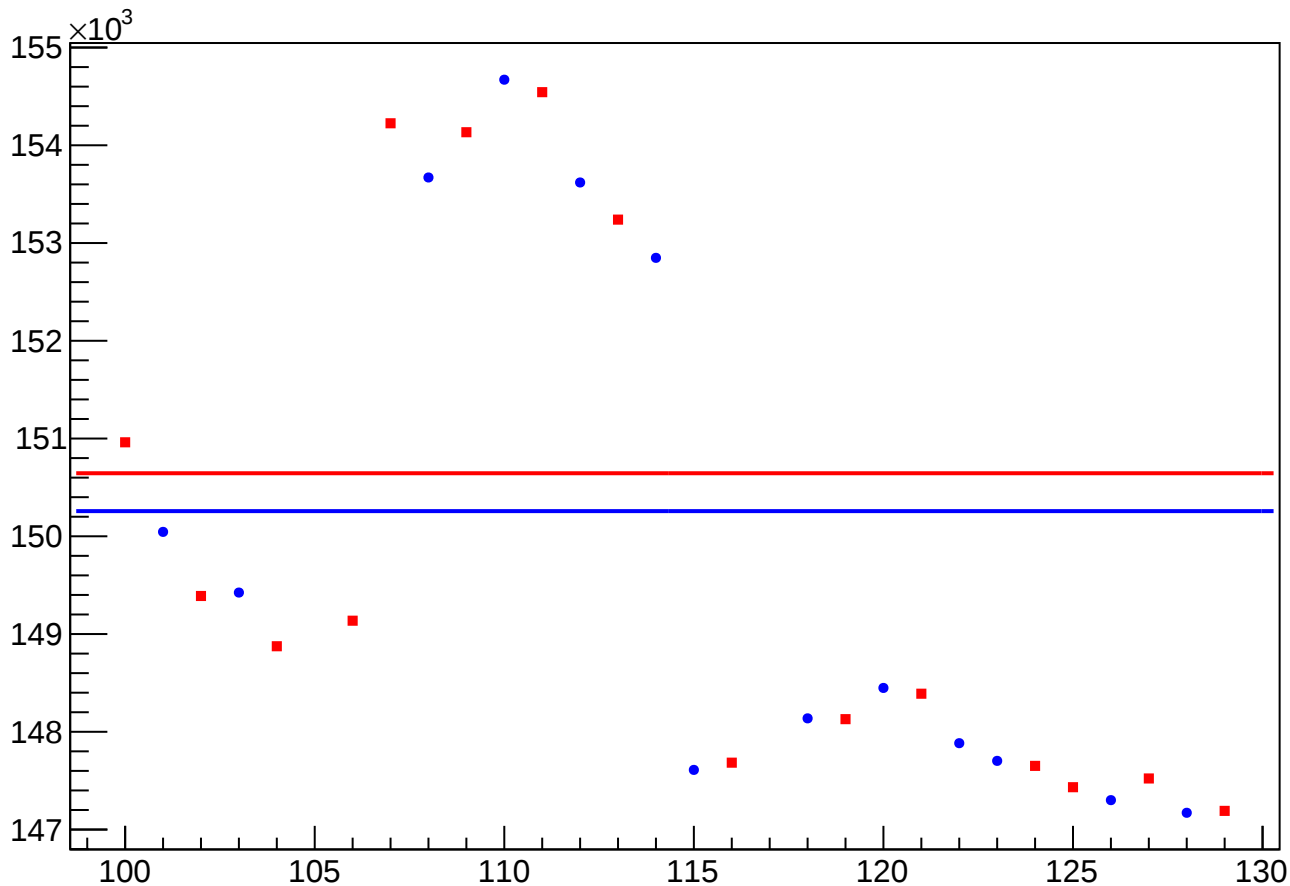
Right: 0.877+/-0.000 χ^2/NDF : 5430005.3/27

In: 0.871+/-0.000 χ^2/NDF :2638277.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.877+/-0.000 χ^2/NDF : 5430005.3/27

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 150257.499+/-0.072 χ^2 /NDF: 1673305337.7/12

Right: 150471.315+/-0.048 χ^2 /NDF: 3920453260.5

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

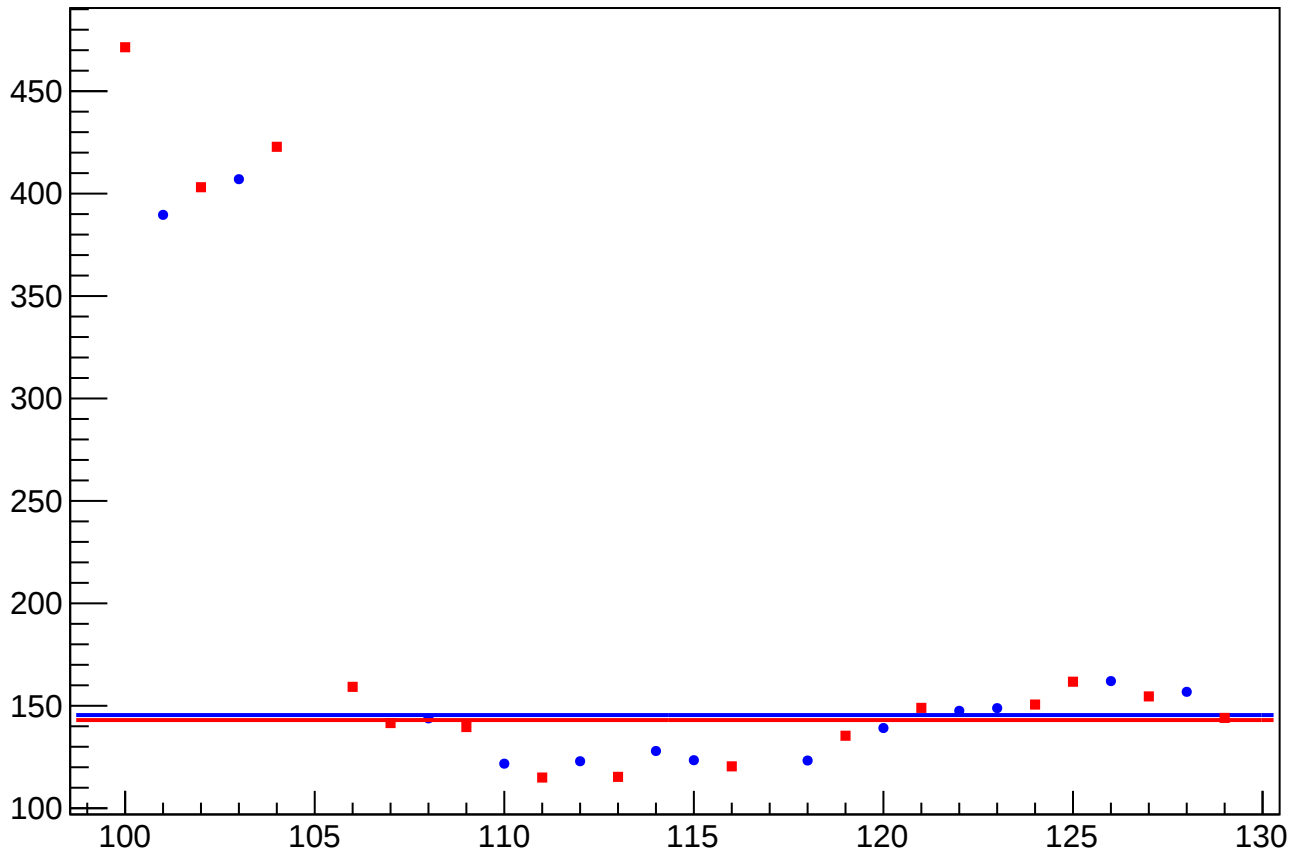
Right Out: 150644.939+/-0.065 χ^2 /NDF: 2231286748.0/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 150471.315+/-0.048 χ^2 /NDF: 3920453260.5

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 145.474+/-0.051 χ^2/NDF : 1039708.8/12

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

Right Out: 143.032+/-0.046 χ^2/NDF : 1091917.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

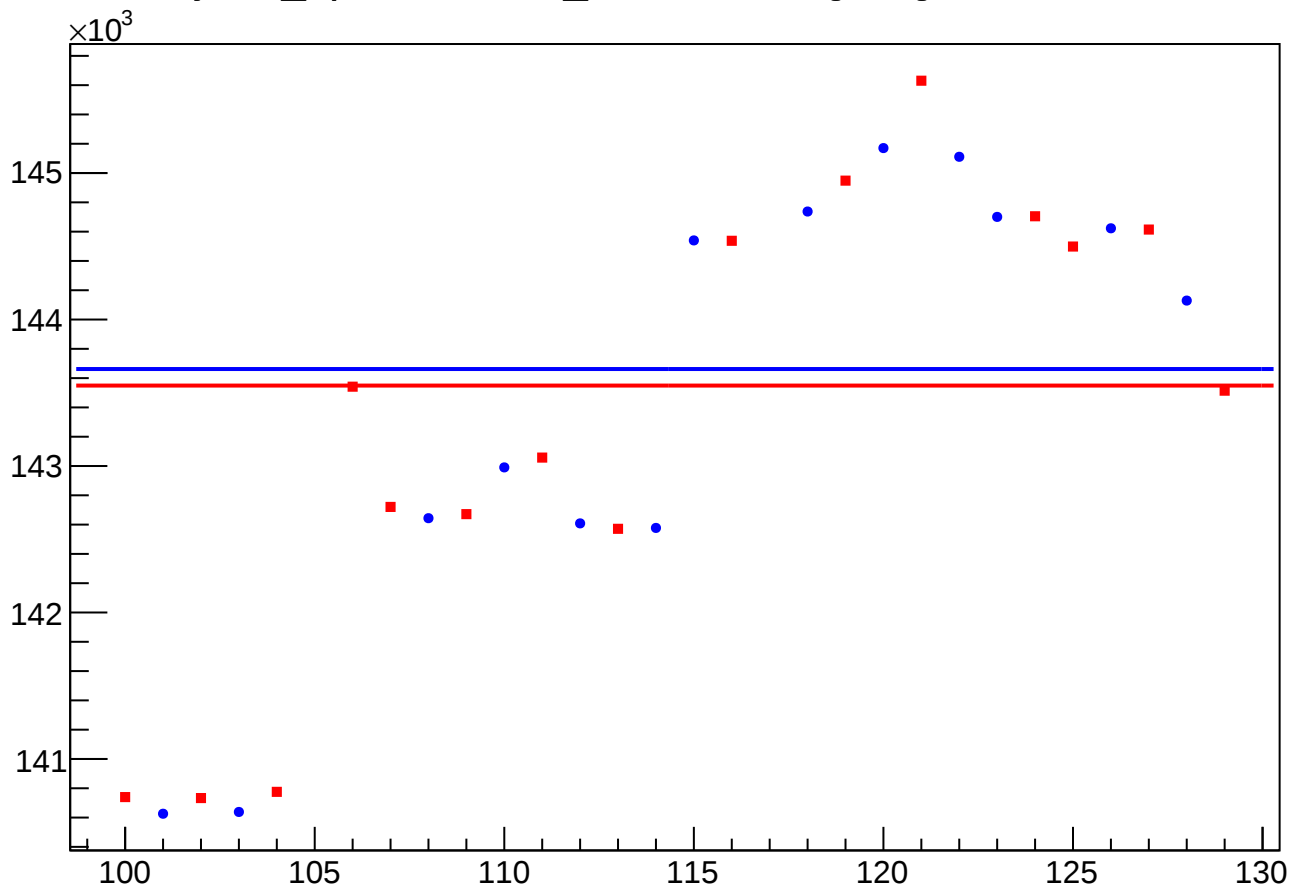
Right: 144.126+/-0.034 χ^2/NDF : 2132886.0/27

In: 145.474+/-0.051 χ^2/NDF : 1039708.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.126+/-0.034 χ^2/NDF : 2132886.0/27

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 143662.112+/-0.060 χ^2 /NDF: 368402307.1/12

Right: 143599.029+/-0.040 χ^2 /NDF: 772485376.2/2

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

Right Out: 143549.173+/-0.053 χ^2 /NDF: 402114037.5/14

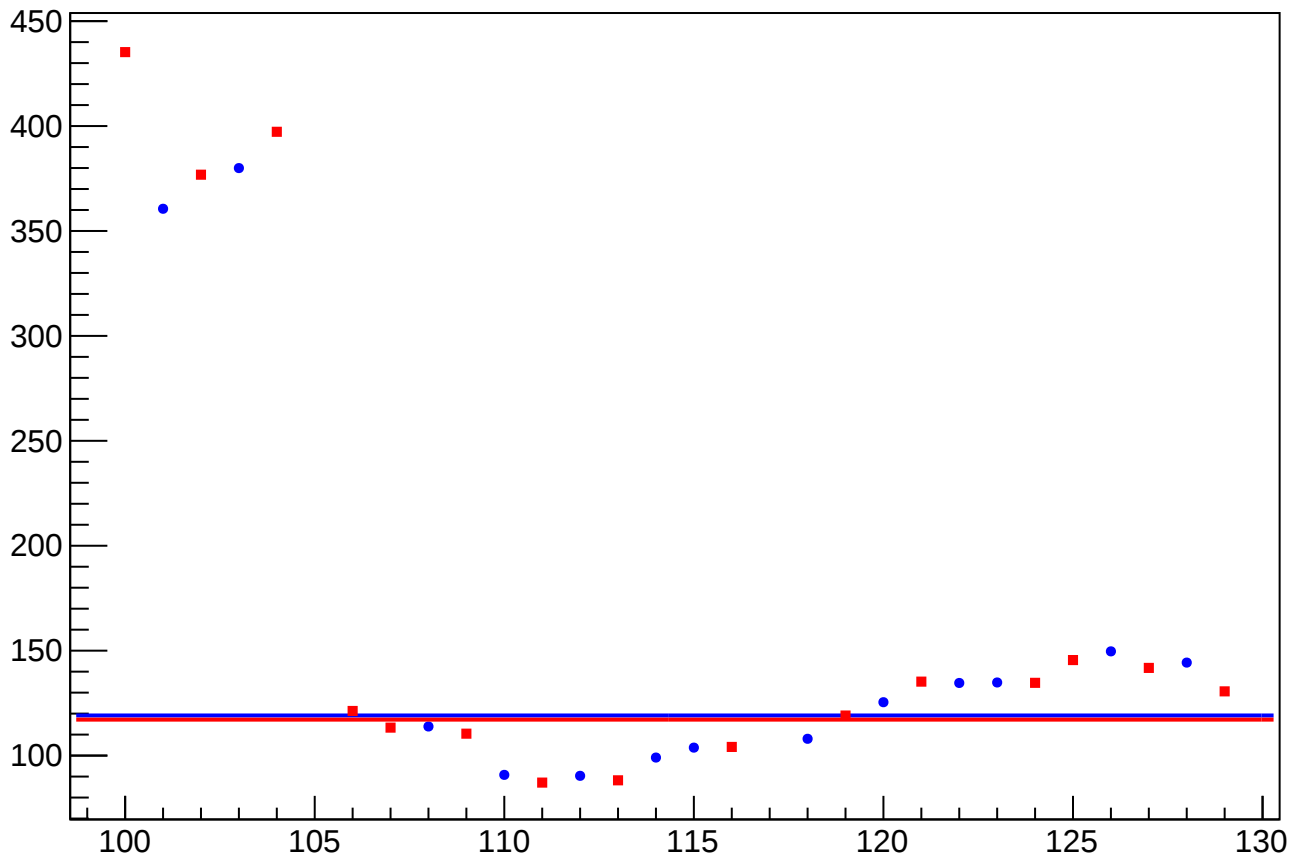
In: 143662.112+/-0.060 χ^2 /NDF: 368402307.1/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 143599.029+/-0.040 χ^2 /NDF: 772485376.2/2

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 119.112 $\pm$ 0.043 χ^2 /NDF: 1306443.9/12

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

Right Out: 117.136 $\pm$ 0.038 χ^2 /NDF: 1362335.7/14

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

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

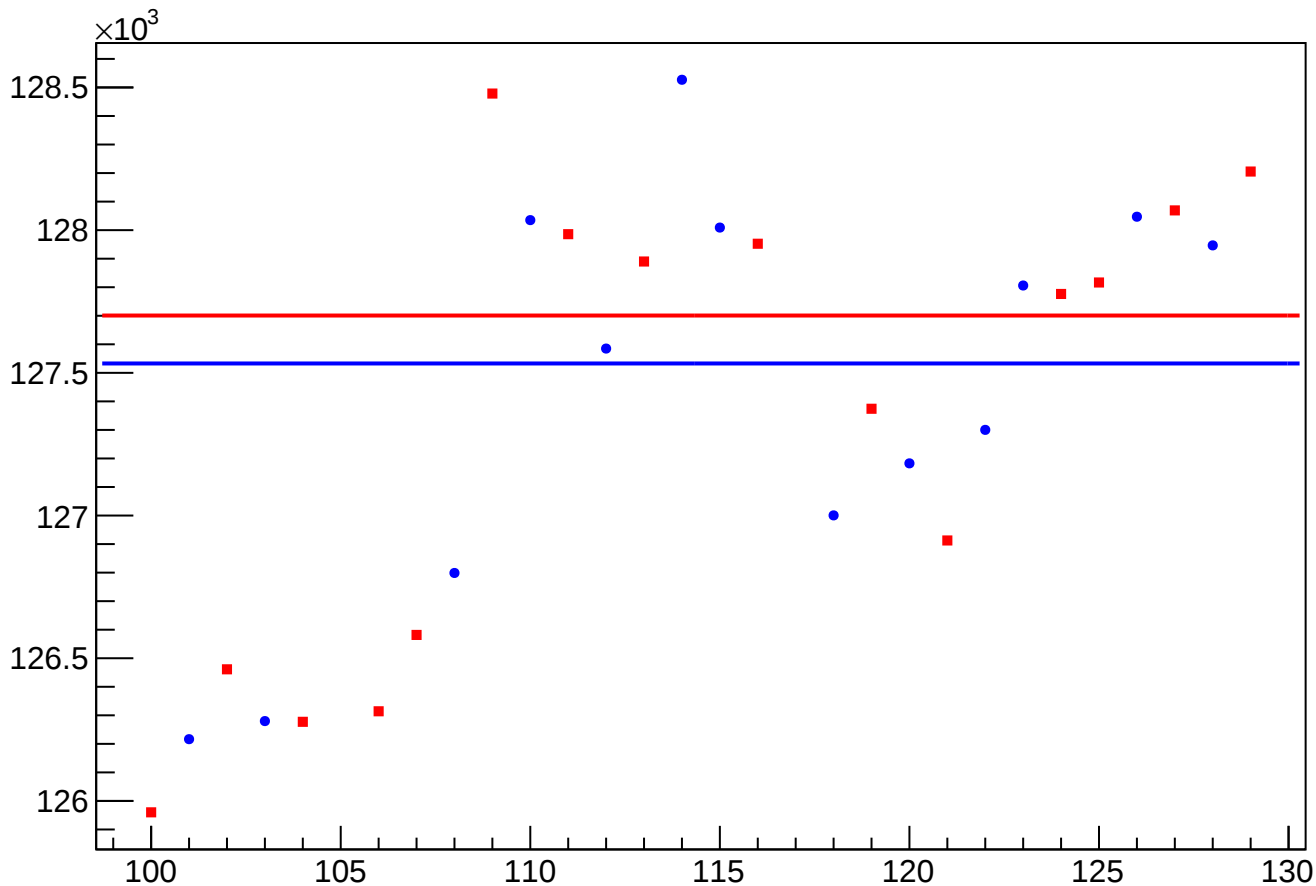
Right: 118.008 $\pm$ 0.028 χ^2 /NDF: 2669985.2/27

In: 119.112 $\pm$ 0.043 χ^2 /NDF:1306443.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 118.008 $\pm$ 0.028 χ^2 /NDF: 2669985.2/27

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 127532.847+/-0.070 χ^2 /NDF: 66639843.1/12

Right: 127629.389+/-0.046 χ^2 /NDF: 172124928.3/2

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

Right Out: 127700.843+/-0.060 χ^2 /NDF: 102179193.4/14

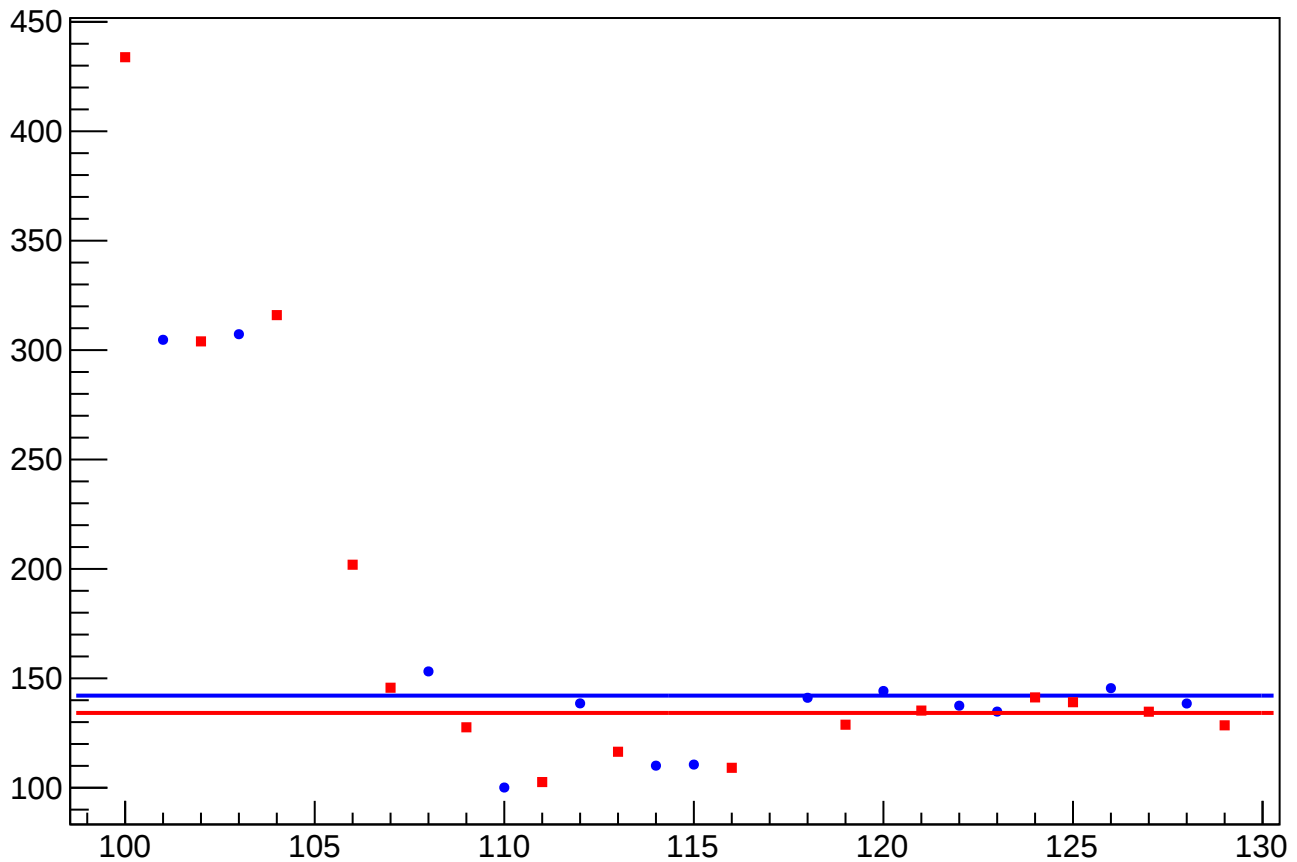
In: 127532.847+/-0.070 χ^2 /NDF: 66639843.1/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 127629.389+/-0.046 χ^2 /NDF: 172124928.3/2

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 142.104+/-0.050 χ^2/NDF : 822824.5/12

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

Right Out: 134.189+/-0.043 χ^2/NDF : 925976.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

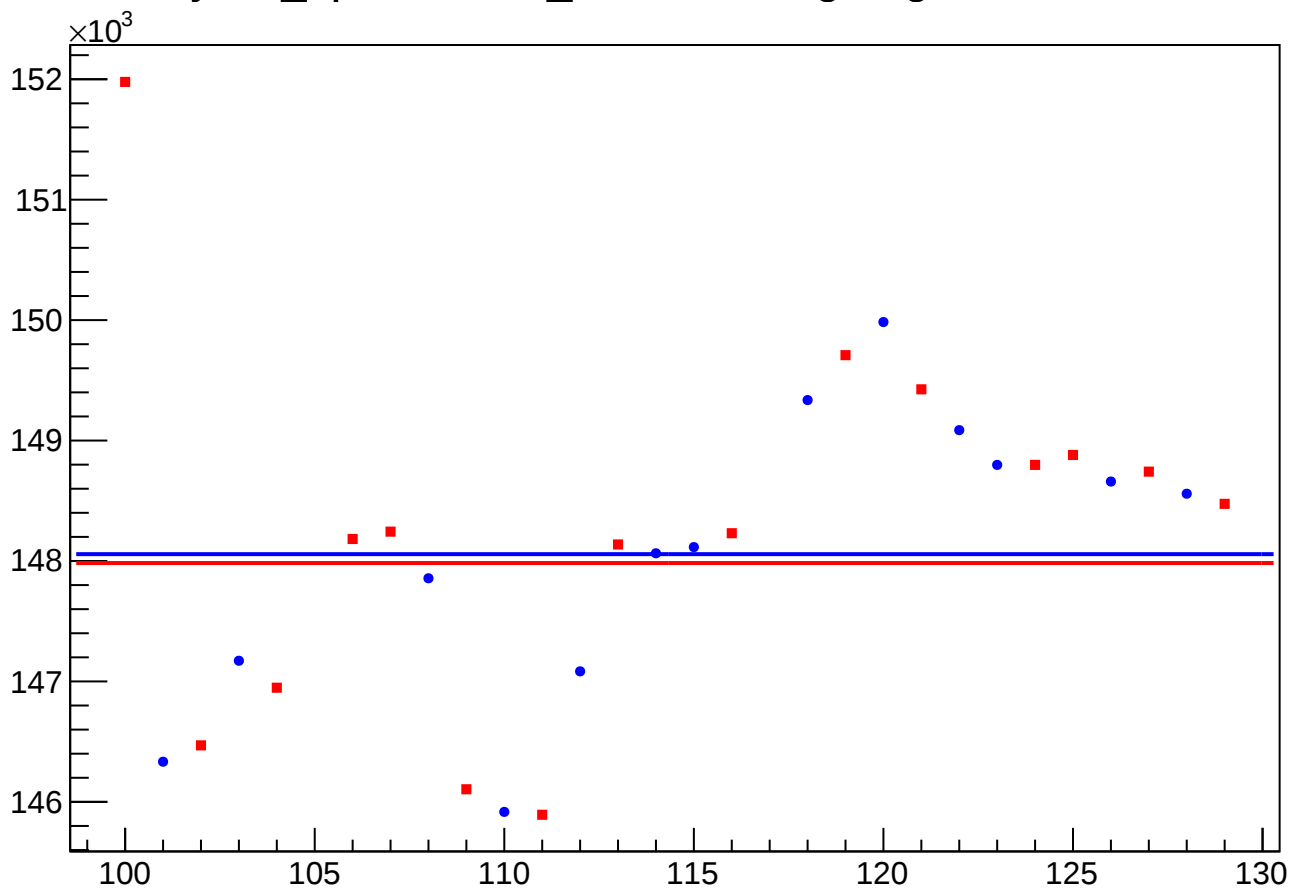
Right: 137.556+/-0.032 χ^2/NDF : 1763477.4/27

In: 142.104+/-0.050 χ^2/NDF : 822824.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.556+/-0.032 χ^2/NDF : 1763477.4/27

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 148056.814+/-0.104 χ^2 /NDF: 106701568.5/12

Right: 148013.249+/-0.067 χ^2 /NDF: 313630056.7/2

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

Right Out: 147983.081+/-0.087 χ^2 /NDF: 206632249.7/14

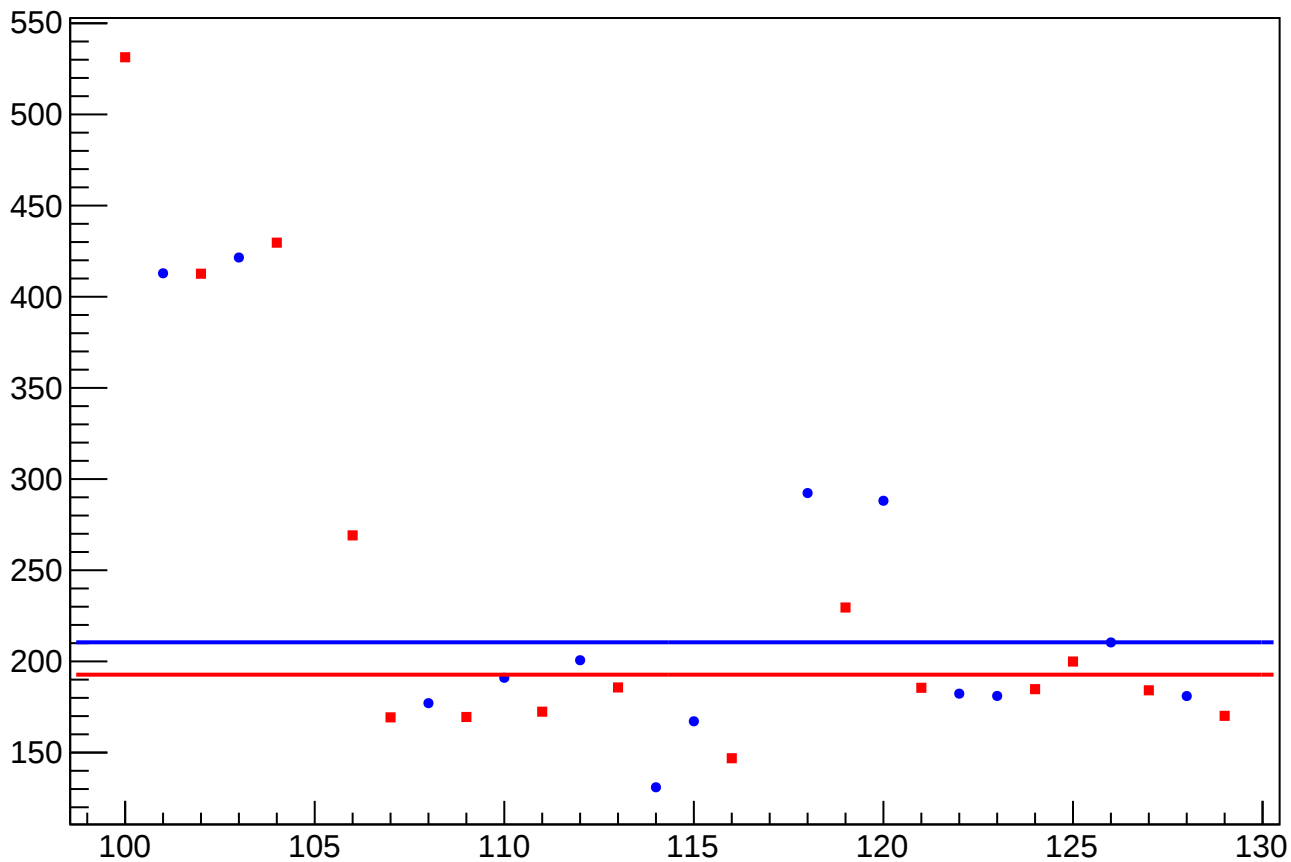
In: 148056.814+/-0.104 χ^2 /NDF: 106701568.5/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 148013.249+/-0.067 χ^2 /NDF: 313630056.7/2

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 210.470+/-0.074 χ^2/NDF : 861801.5/12

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

Right Out: 192.724+/-0.061 χ^2/NDF : 836359.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

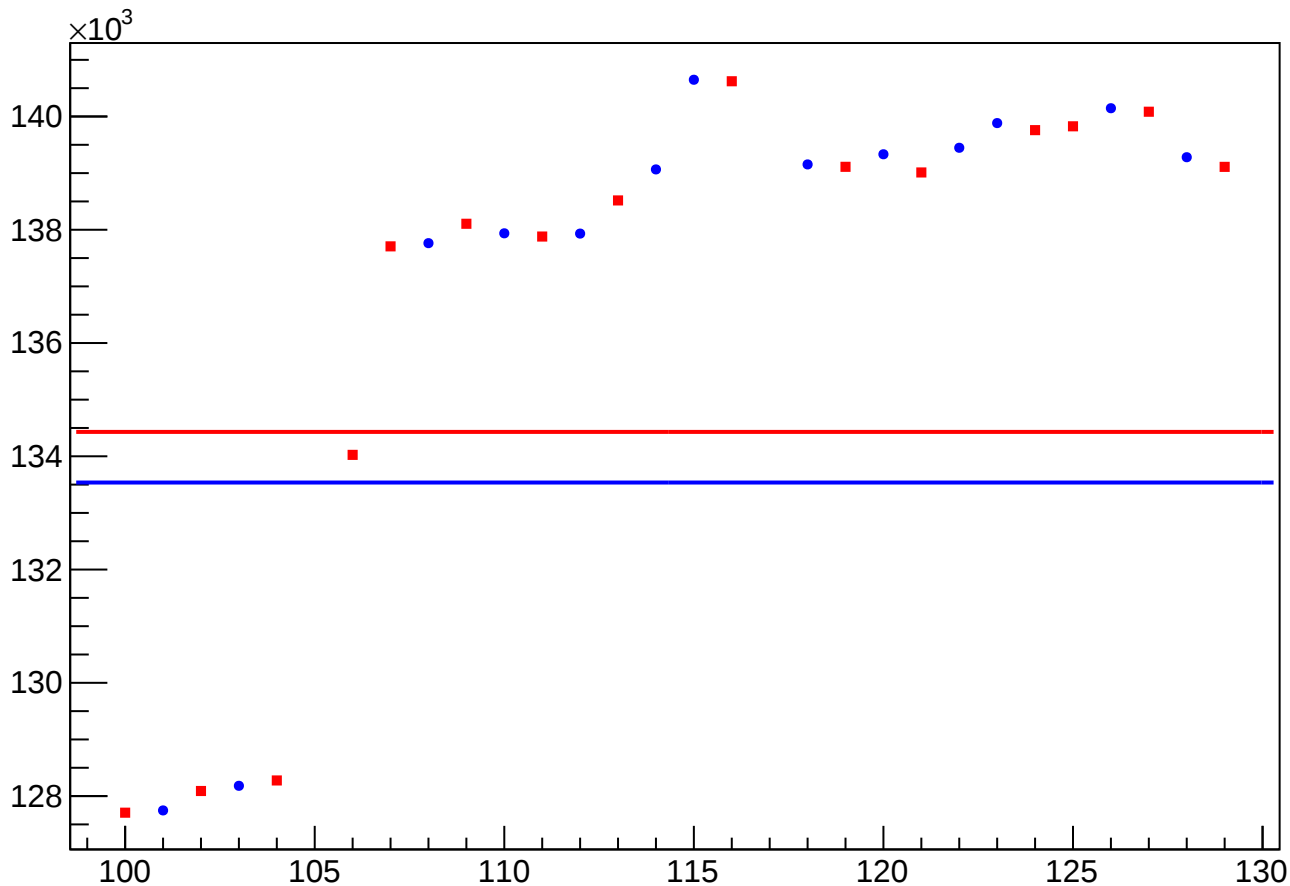
Right: 199.985+/-0.047 χ^2/NDF : 1732483.0/27

In: 210.470+/-0.074 χ^2/NDF : 861801.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

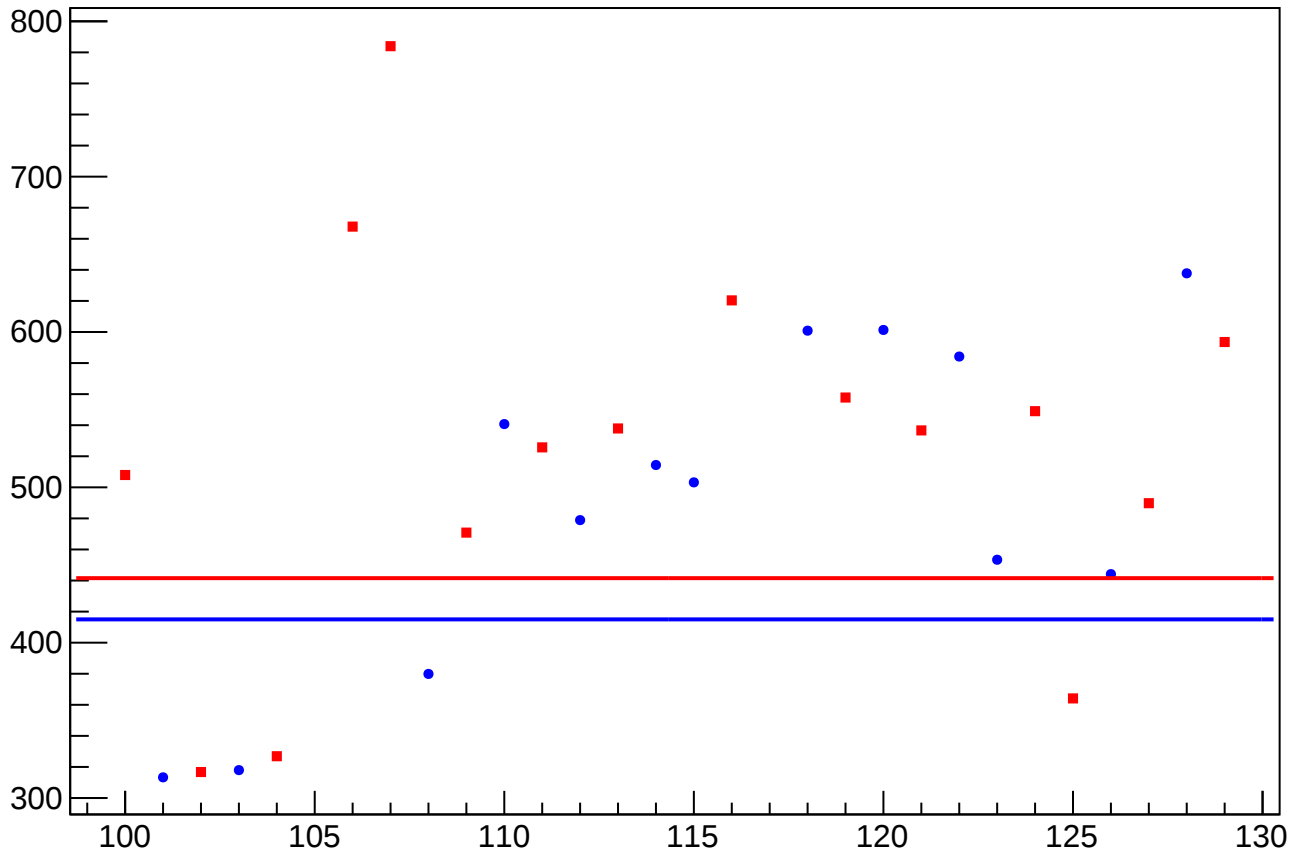
All: 199.985+/-0.047 χ^2/NDF : 1732483.0/27

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: 133536.662 $\pm$ 0.206 χ^2 /NDF: 718751919.2/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 134430.560 $\pm$ 0.200 χ^2 /NDF: 708647082.7/14
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 133997.081 $\pm$ 0.143 χ^2 /NDF: 1437091154.3
 In: 133536.662 $\pm$ 0.206 χ^2 /NDF:718751919.2/12
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 133997.081 $\pm$ 0.143 χ^2 /NDF: 143709115

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 414.995 $\pm$ 0.146 χ^2 /NDF: 617882.4/12

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

Right Out: 441.537 $\pm$ 0.141 χ^2 /NDF: 724266.9/14

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

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

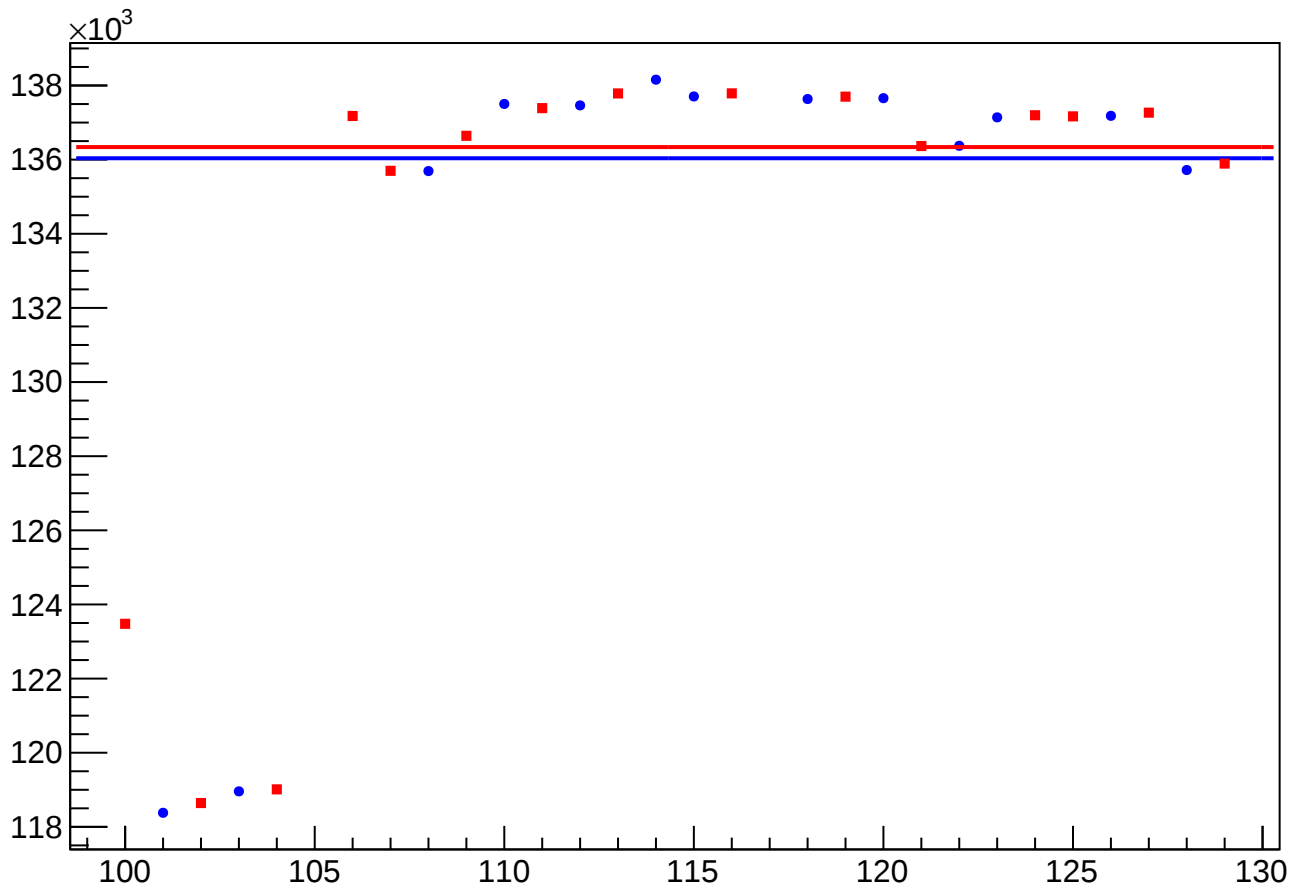
Right: 428.666 $\pm$ 0.101 χ^2 /NDF: 1359239.6/27

In: 414.995 $\pm$ 0.146 χ^2 /NDF:617882.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 428.666 $\pm$ 0.101 χ^2 /NDF: 1359239.6/27

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 136037.122+/-0.078 χ^2 /NDF: 3412169530.0/12

Right: 136204.490+/-0.052 χ^2 /NDF: 6488573633.3/12

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

Right Out: 136339.093+/-0.070 χ^2 /NDF: 3068071953.4/14

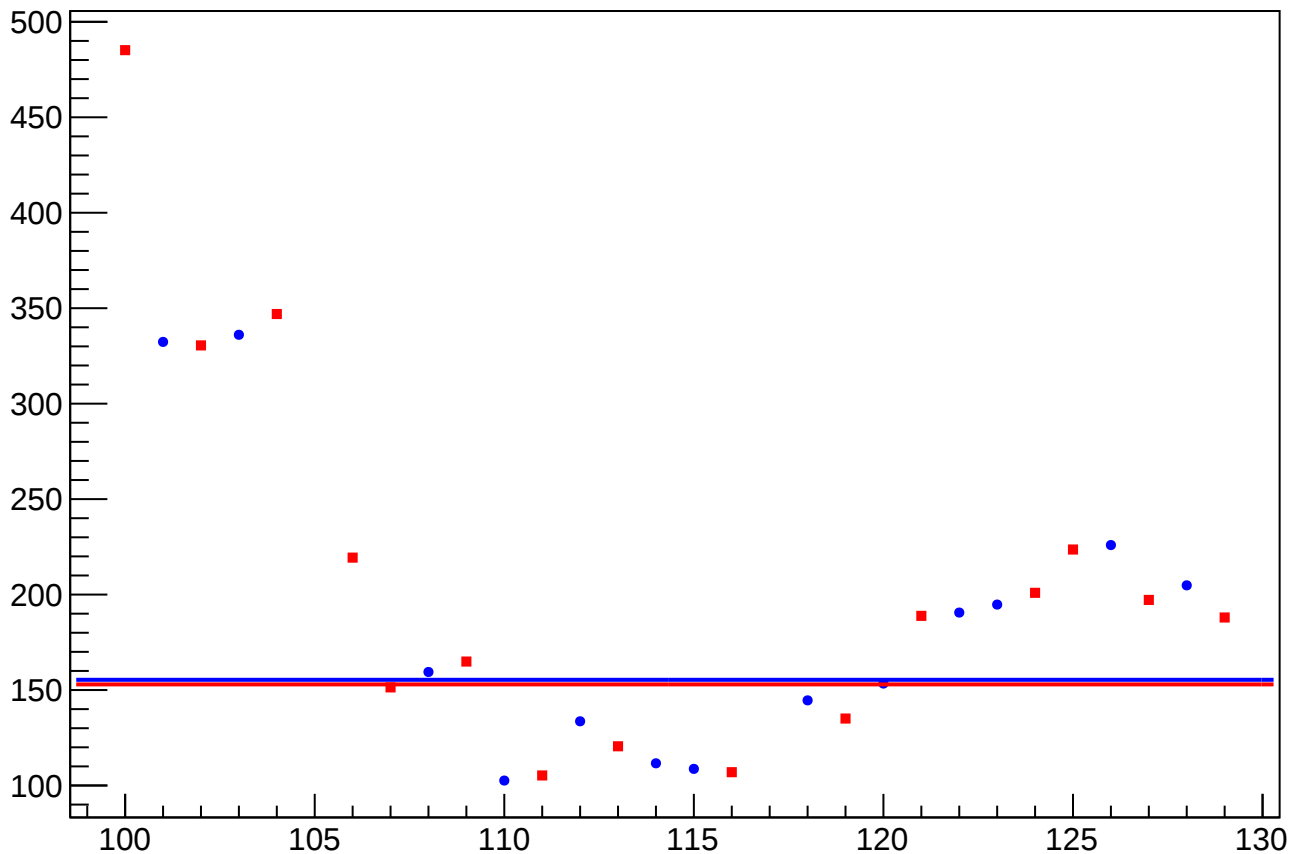
In: 136037.122+/-0.078 χ^2 /NDF: 3412169530.0/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 136204.490+/-0.052 χ^2 /NDF: 6488573633.3/12

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 155.365+/-0.055 χ^2/NDF : 1092224.4/12

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

Right Out: 152.951+/-0.049 χ^2/NDF : 1255798.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

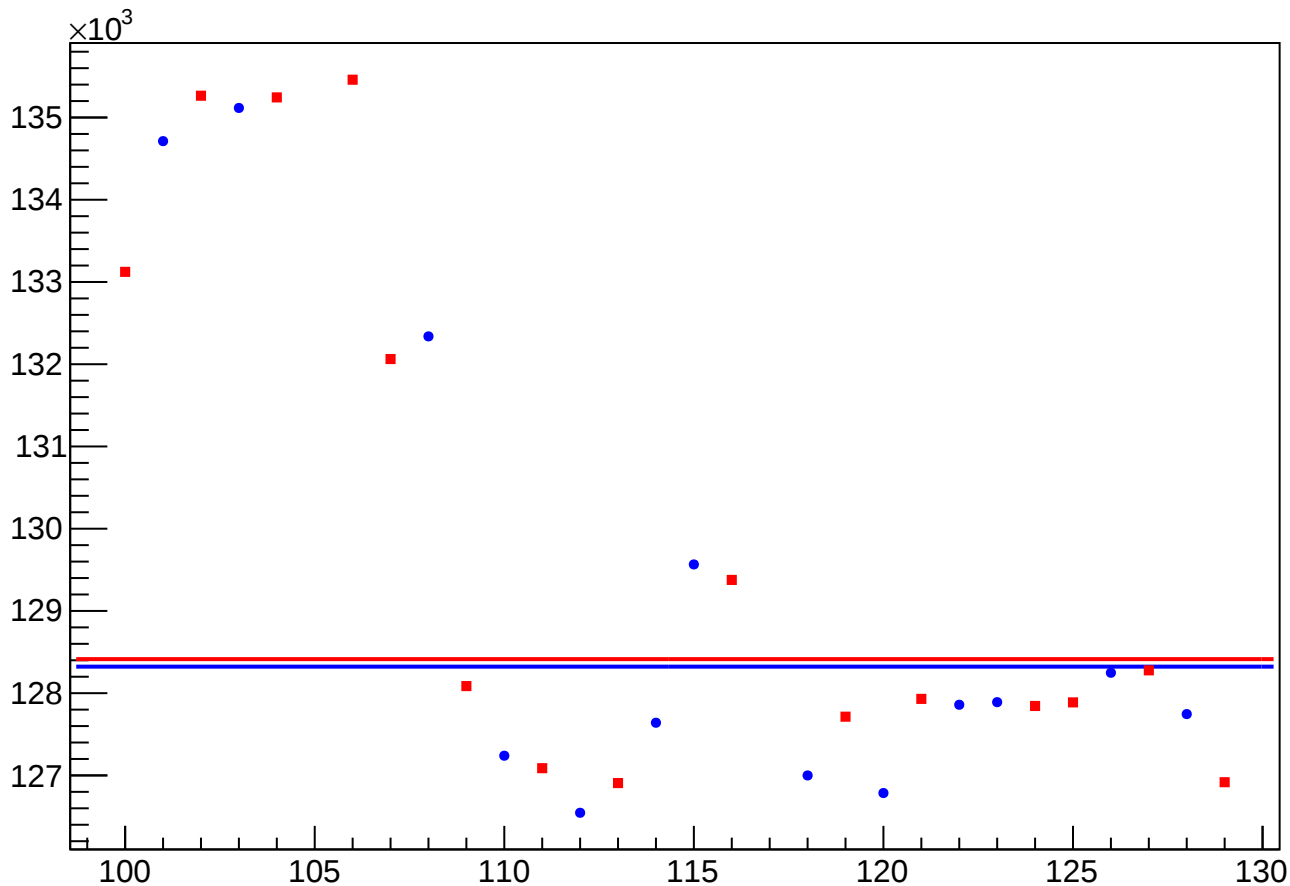
Right: 154.027+/-0.037 χ^2/NDF : 2349087.8/27

In: 155.365+/-0.055 χ^2/NDF : 1092224.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.027+/-0.037 χ^2/NDF : 2349087.8/27

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 128322.637+/-0.082 χ^2 /NDF: 739309690.2/12

Right: 128376.213+/-0.053 χ^2 /NDF: 1681407751.5

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

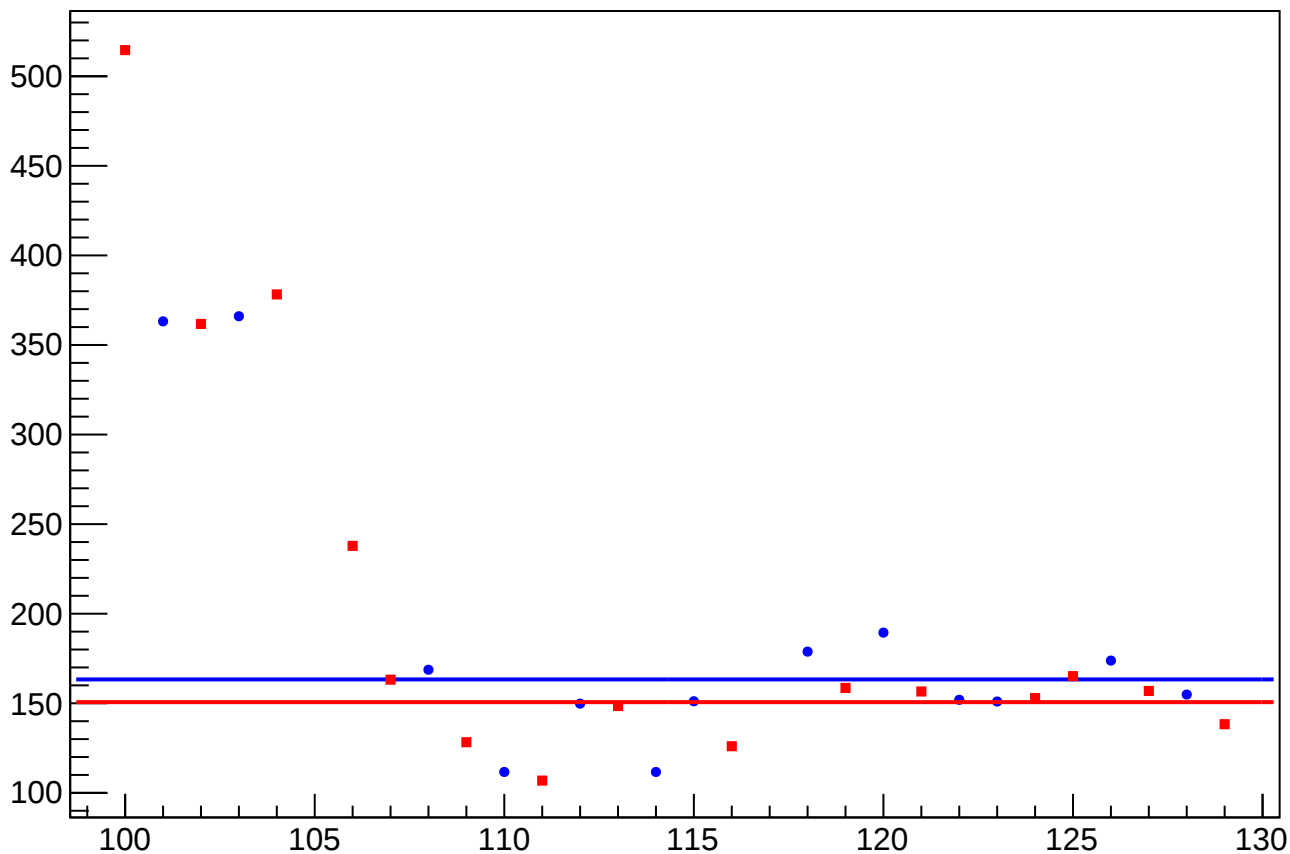
Right Out: 128414.117+/-0.069 χ^2 /NDF: 941369697.4/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 128376.213+/-0.053 χ^2 /NDF: 168140775

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 163.315+/-0.058 χ^2/NDF : 919076.2/12

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

Right Out: 150.631+/-0.049 χ^2/NDF : 1069017.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

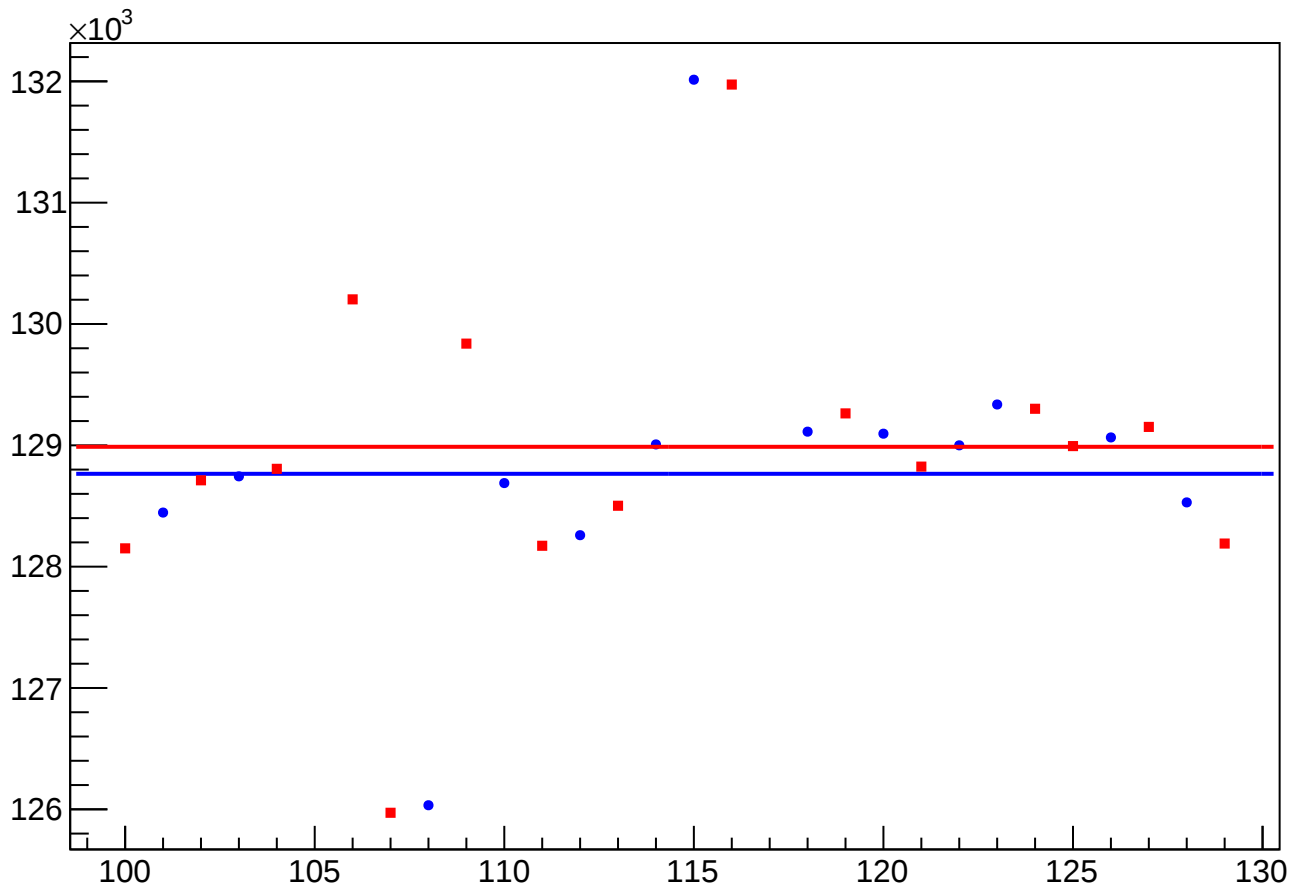
Right: 155.886+/-0.037 χ^2/NDF : 2016096.6/27

In: 163.315+/-0.058 χ^2/NDF : 919076.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

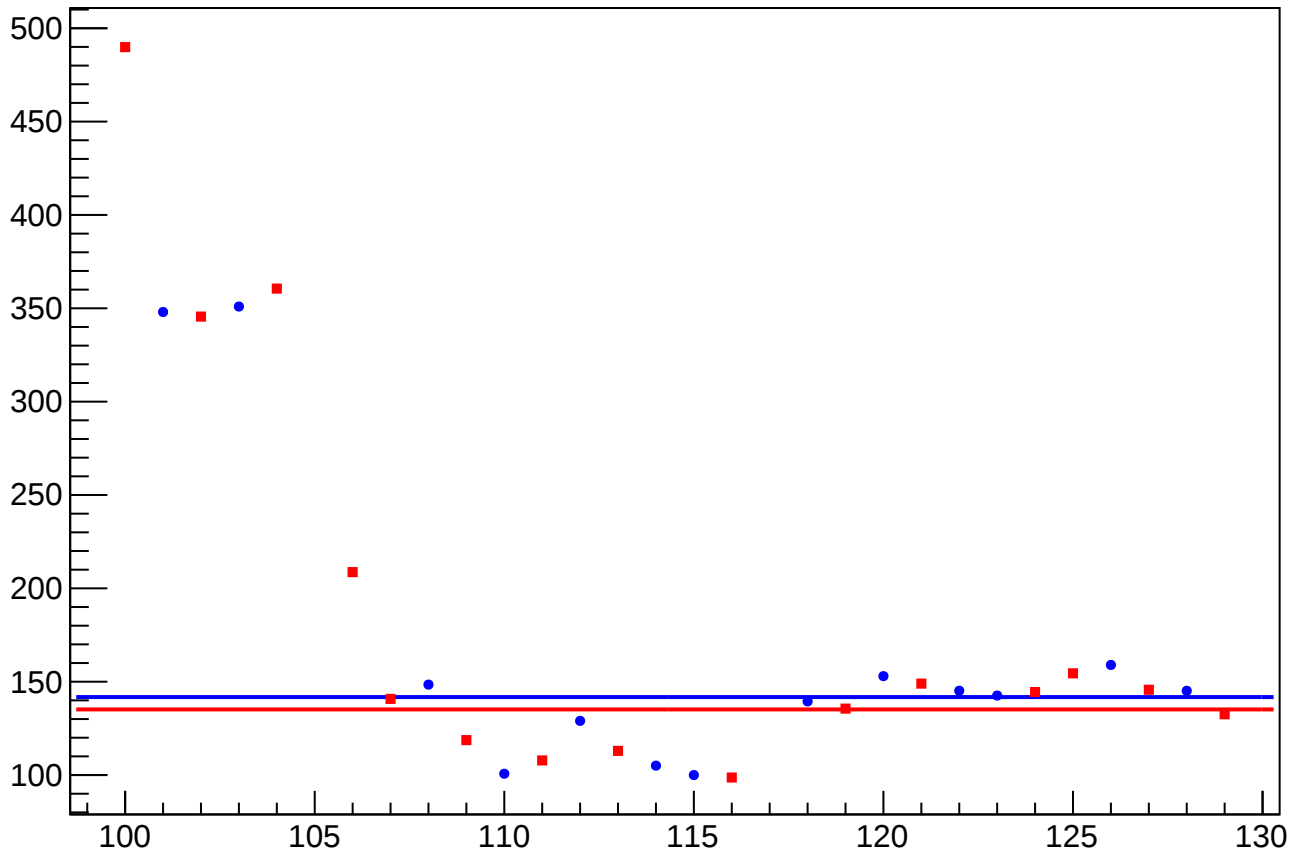
All: 155.886+/-0.037 χ^2/NDF : 2016096.6/27

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 128765.277 $\pm$ 0.071 χ^2 /NDF: 281084604.6/12
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 128892.264 $\pm$ 0.046 χ^2 /NDF: 752257682.7/2
 Right Out: 128987.886 $\pm$ 0.061 χ^2 /NDF: 465500904.8/14
 In: 128765.277 $\pm$ 0.071 χ^2 /NDF: 281084604.6/12
 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: 128892.264 $\pm$ 0.046 χ^2 /NDF: 752257682.7/2

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 141.768+/-0.050 χ^2/NDF : 1018690.3/12

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

Right Out: 135.150+/-0.043 χ^2/NDF : 1119696.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

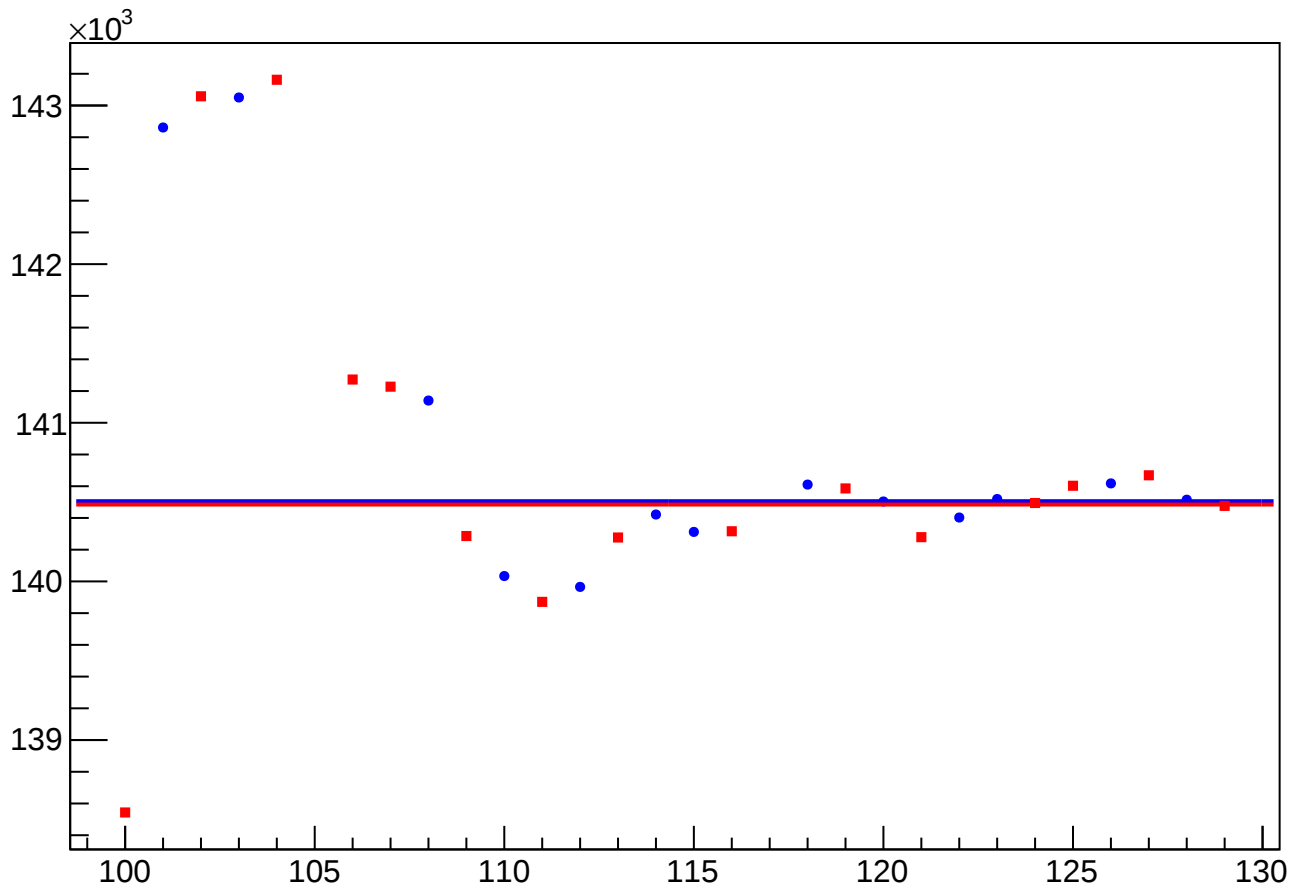
Right: 137.993+/-0.033 χ^2/NDF : 2148409.9/27

In: 141.768+/-0.050 χ^2/NDF : 1018690.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.993+/-0.033 χ^2/NDF : 2148409.9/27

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 140505.684+/-0.076 χ^2 /NDF: 62992765.2/12

Right: 140493.625+/-0.049 χ^2 /NDF: 136186551.5/2

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

Right Out: 140484.635+/-0.065 χ^2 /NDF: 73149347.4/14

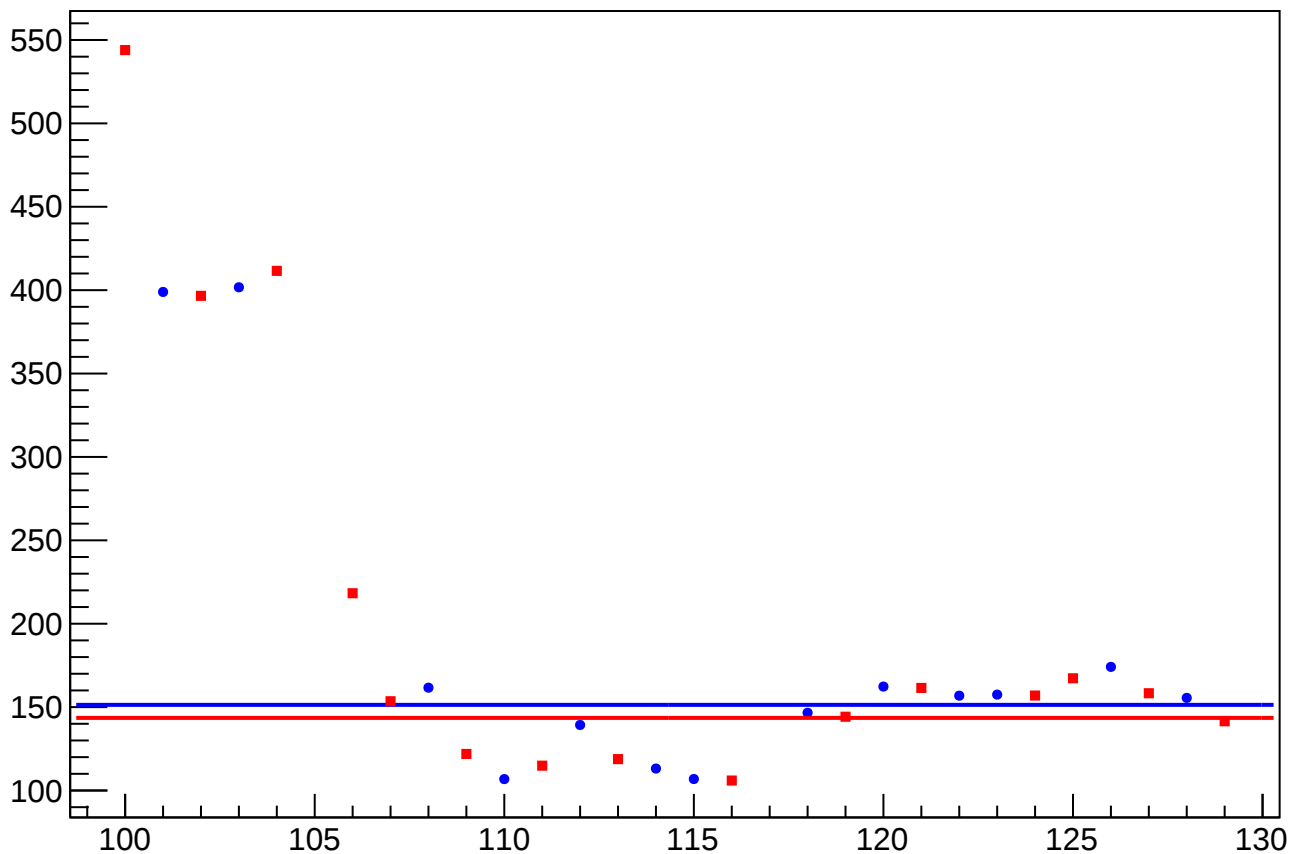
In: 140505.684+/-0.076 χ^2 /NDF: 62992765.2/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 140493.625+/-0.049 χ^2 /NDF: 136186551.5/2

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 151.356+/-0.053 χ^2/NDF : 1107199.2/12

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

Right Out: 143.538+/-0.046 χ^2/NDF : 1214759.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

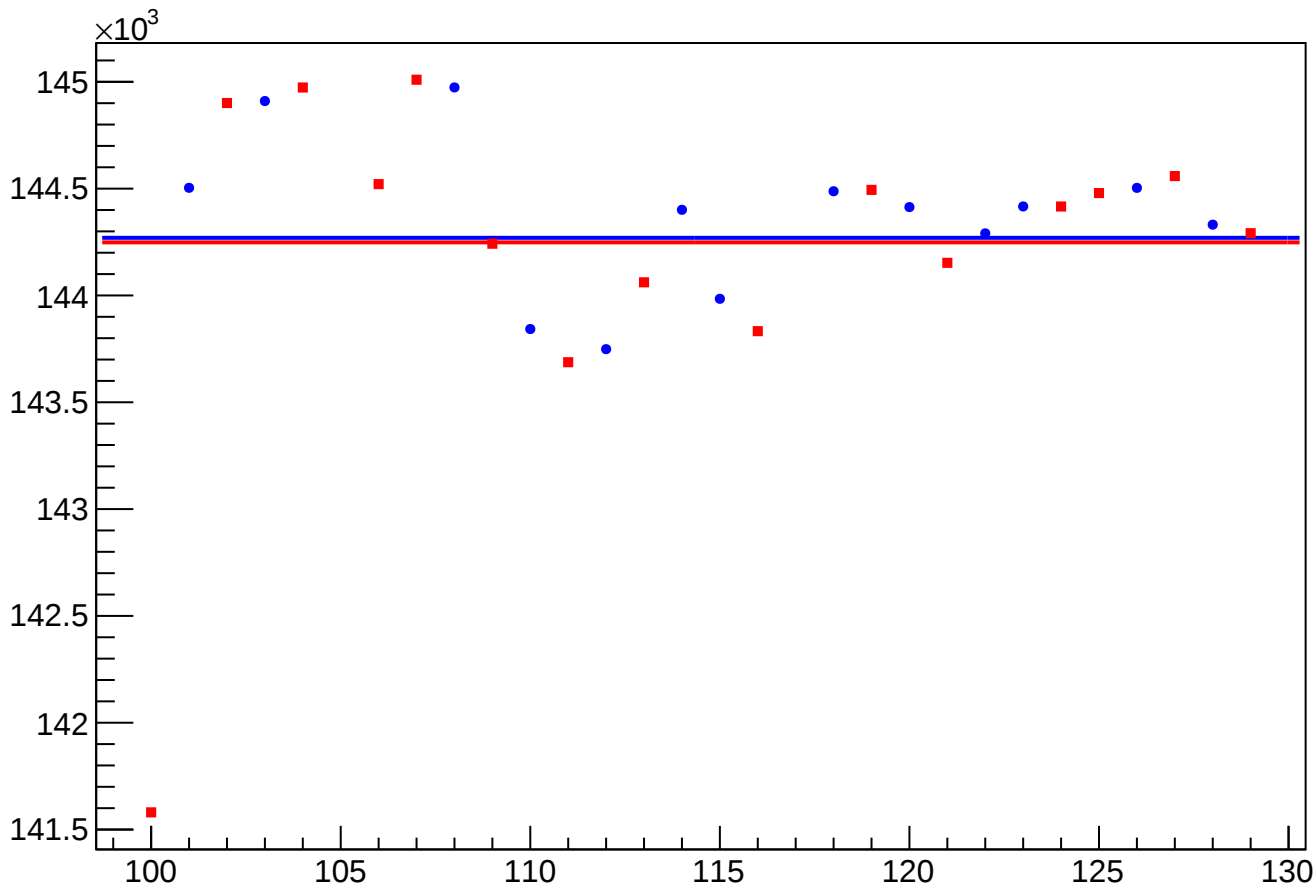
Right: 146.877+/-0.035 χ^2/NDF : 2334217.4/27

In: 151.356+/-0.053 χ^2/NDF : 1107199.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

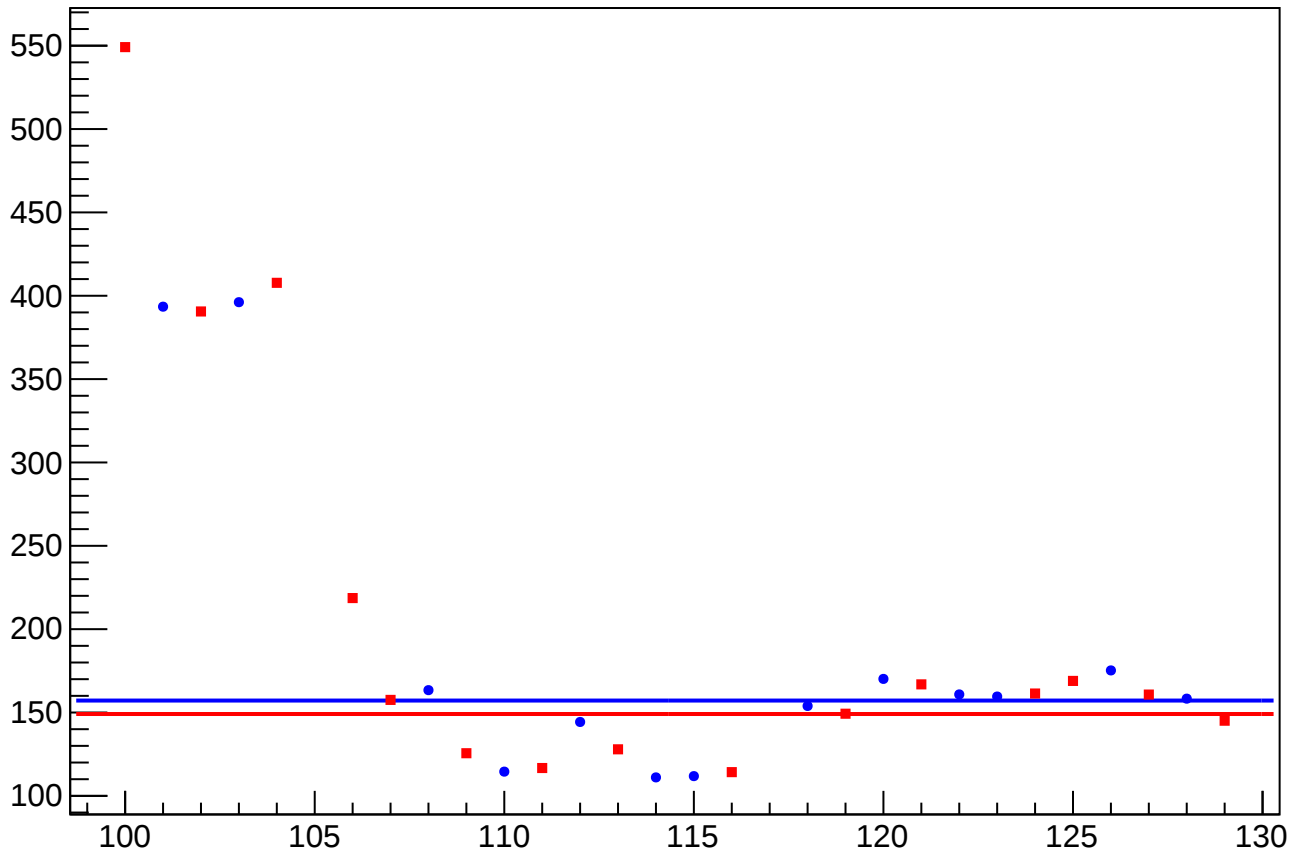
All: 146.877+/-0.035 χ^2/NDF : 2334217.4/27

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: 144269.865 $\pm$ 0.078 χ^2 /NDF: 21734641.5/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 144248.559 $\pm$ 0.067 χ^2 /NDF: 30948506.6/14
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 144257.659 $\pm$ 0.051 χ^2 /NDF: 52725713.2/27
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 144257.659 $\pm$ 0.051 χ^2 /NDF: 52725713.2/27
 In: 144269.865 $\pm$ 0.078 χ^2 /NDF:21734641.5/12
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 157.181+/-0.055 χ^2/NDF : 1028398.3/12

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

Right Out: 149.110+/-0.048 χ^2/NDF : 1134286.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

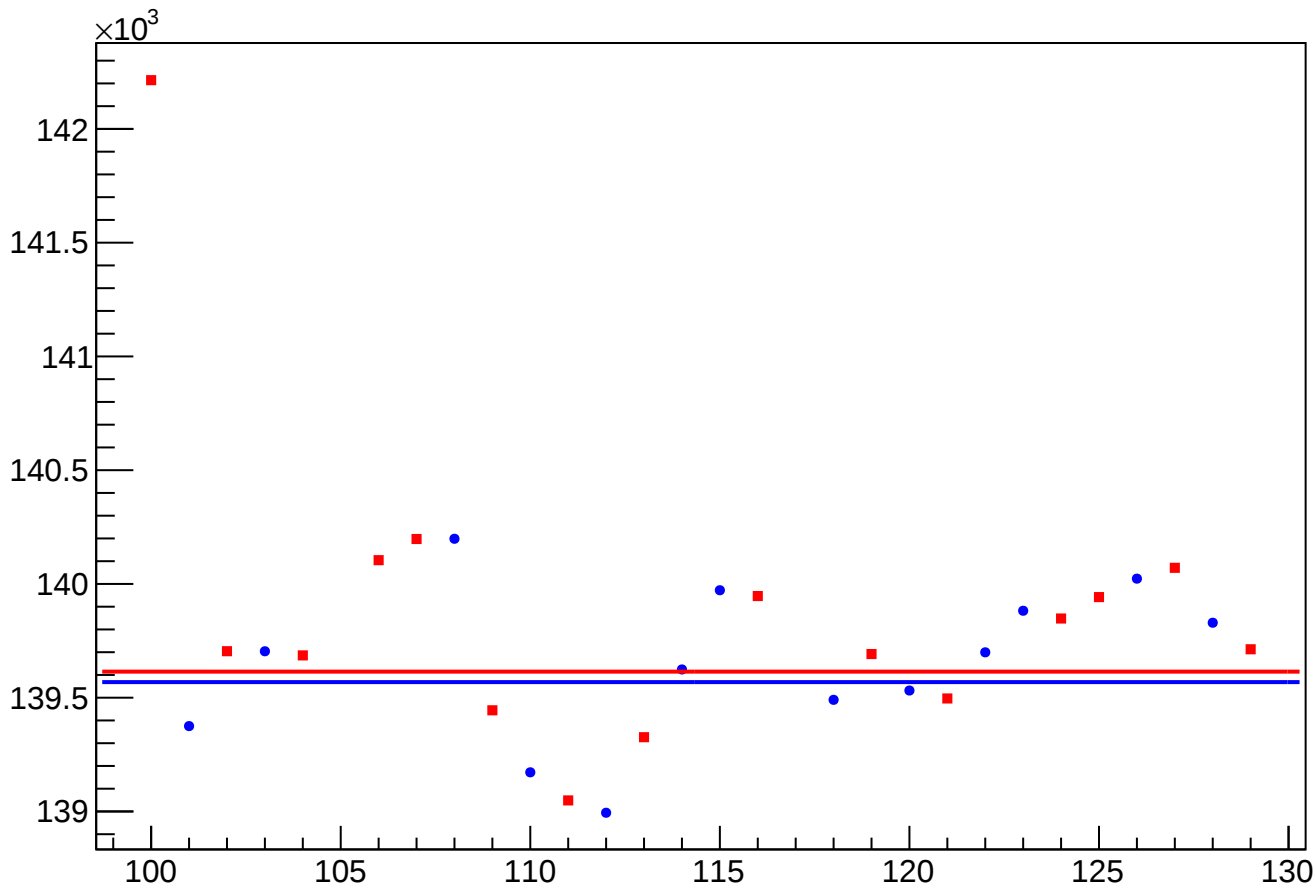
Right: 152.557+/-0.036 χ^2/NDF : 2174898.8/27

In: 157.181+/-0.055 χ^2/NDF : 1028398.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

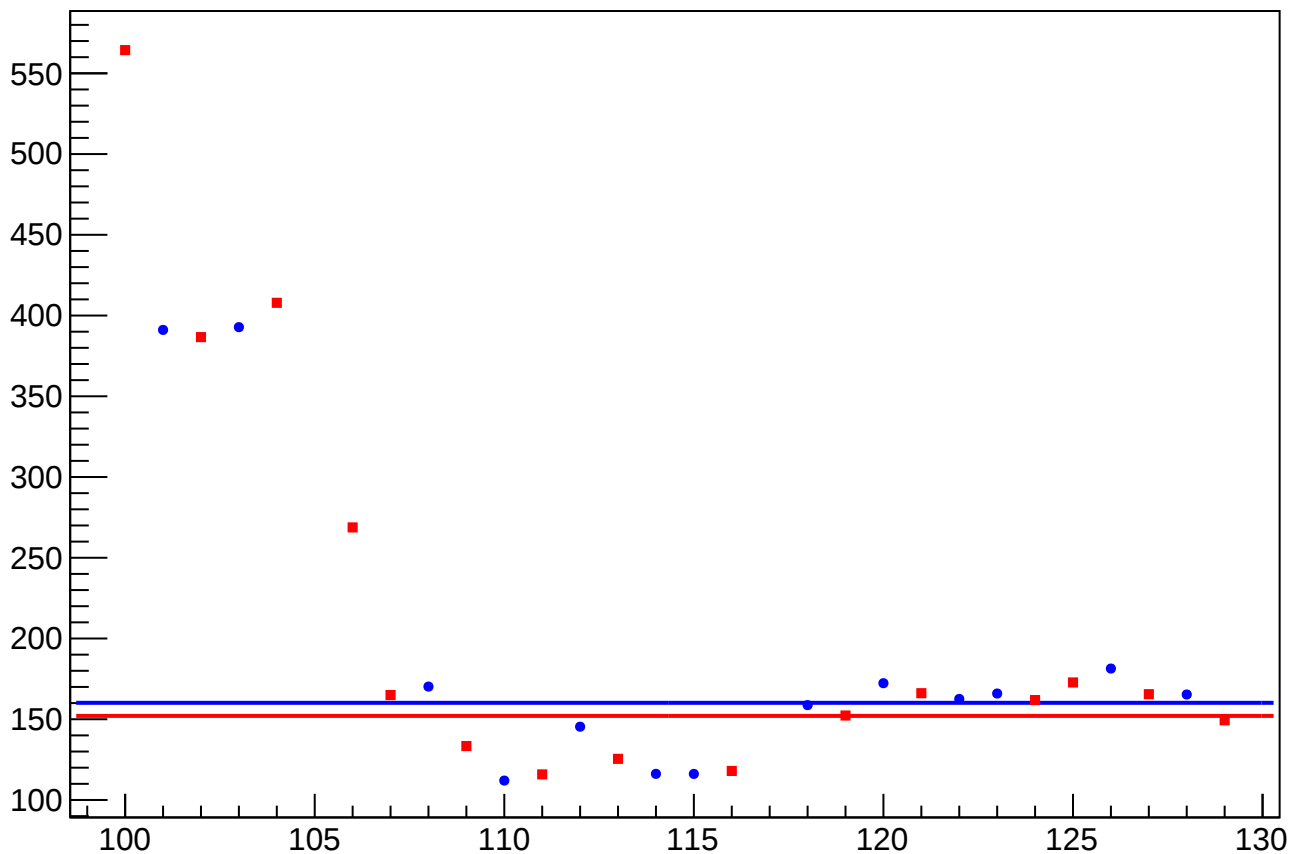
All: 152.557+/-0.036 χ^2/NDF : 2174898.8/27

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 139568.539 $\pm$ 0.080 χ^2 /NDF: 21574157.0/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 139614.561 $\pm$ 0.069 χ^2 /NDF: 26883039.8/14
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 139594.877 $\pm$ 0.052 χ^2 /NDF: 48647673.2/27
 In: 139568.539 $\pm$ 0.080 χ^2 /NDF:21574157.0/12
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 139594.877 $\pm$ 0.052 χ^2 /NDF: 48647673.2/27

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 160.175+/-0.056 χ^2/NDF : 1022092.9/12

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

Right Out: 152.068+/-0.049 χ^2/NDF : 1168719.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

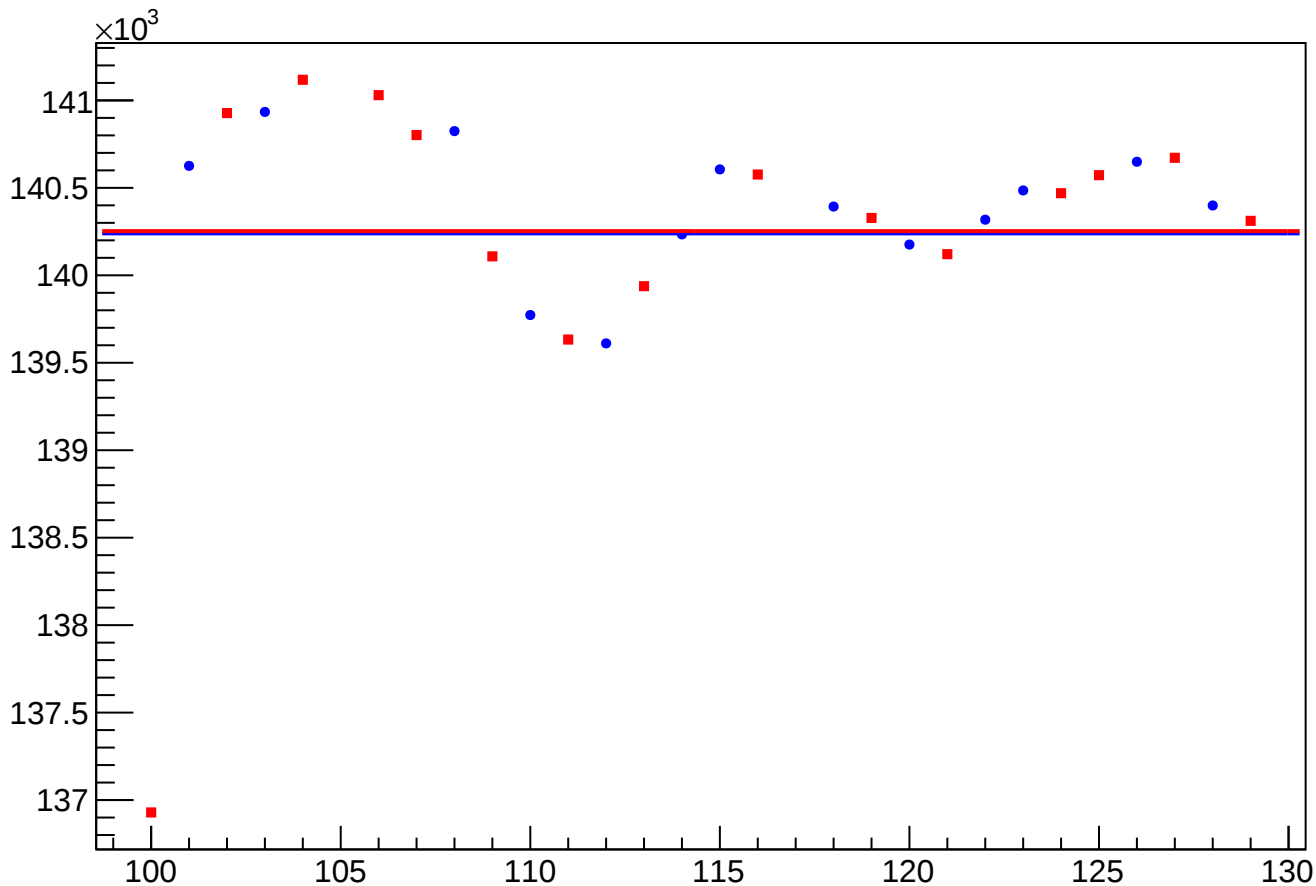
Right: 155.535+/-0.037 χ^2/NDF : 2202632.8/27

In: 160.175+/-0.056 χ^2/NDF : 1022092.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.535+/-0.037 χ^2/NDF : 2202632.8/27

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 140239.759+/-0.080 χ^2 /NDF: 24641659.0/12

Right: 140247.248+/-0.052 χ^2 /NDF: 59850817.3/27

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

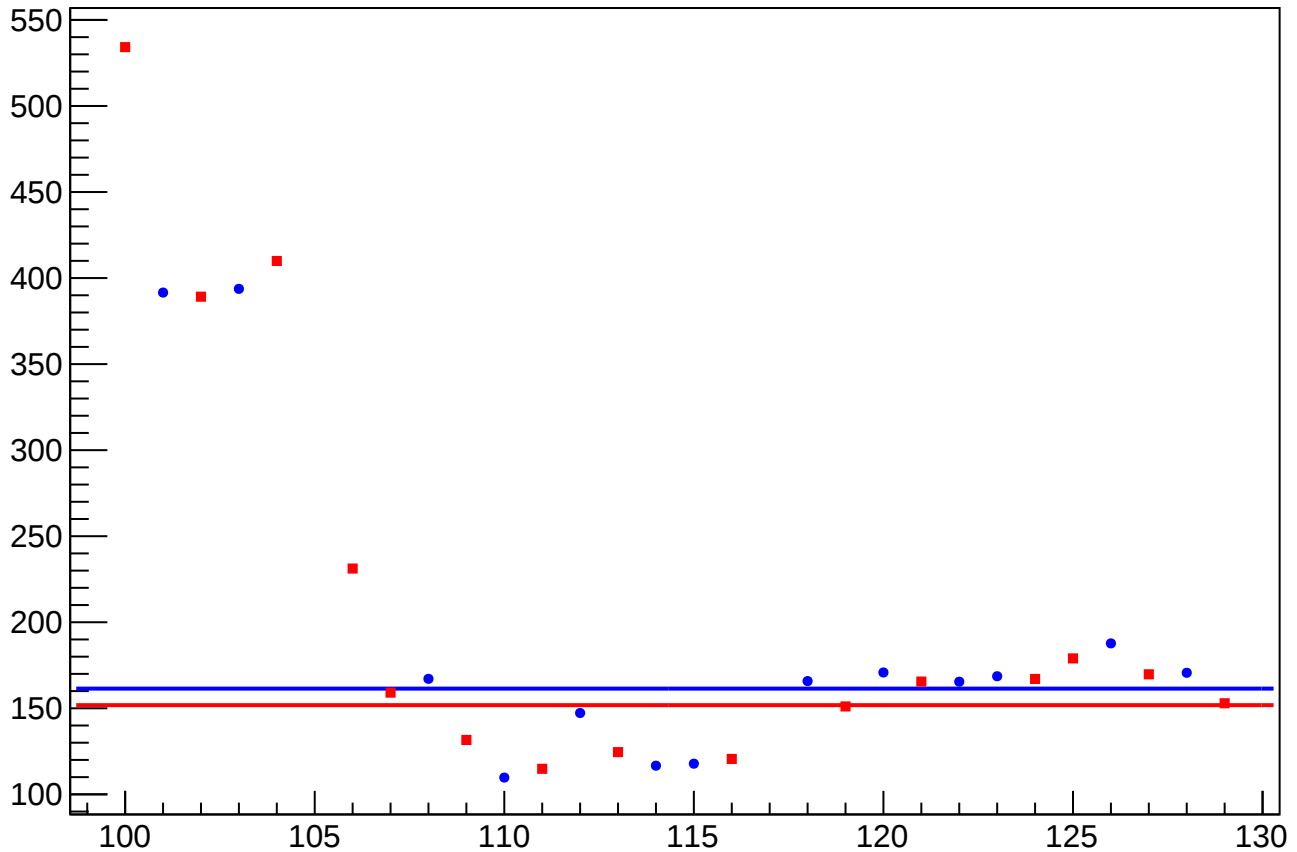
Right Out: 140252.741+/-0.069 χ^2 /NDF: 35194121.7/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 140247.248+/-0.052 χ^2 /NDF: 59850817.3/27

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 161.437 $\pm$ 0.057 χ^2 /NDF: 1042937.7/12

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

Right Out: 151.828 $\pm$ 0.049 χ^2 /NDF: 1143423.2/14

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

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

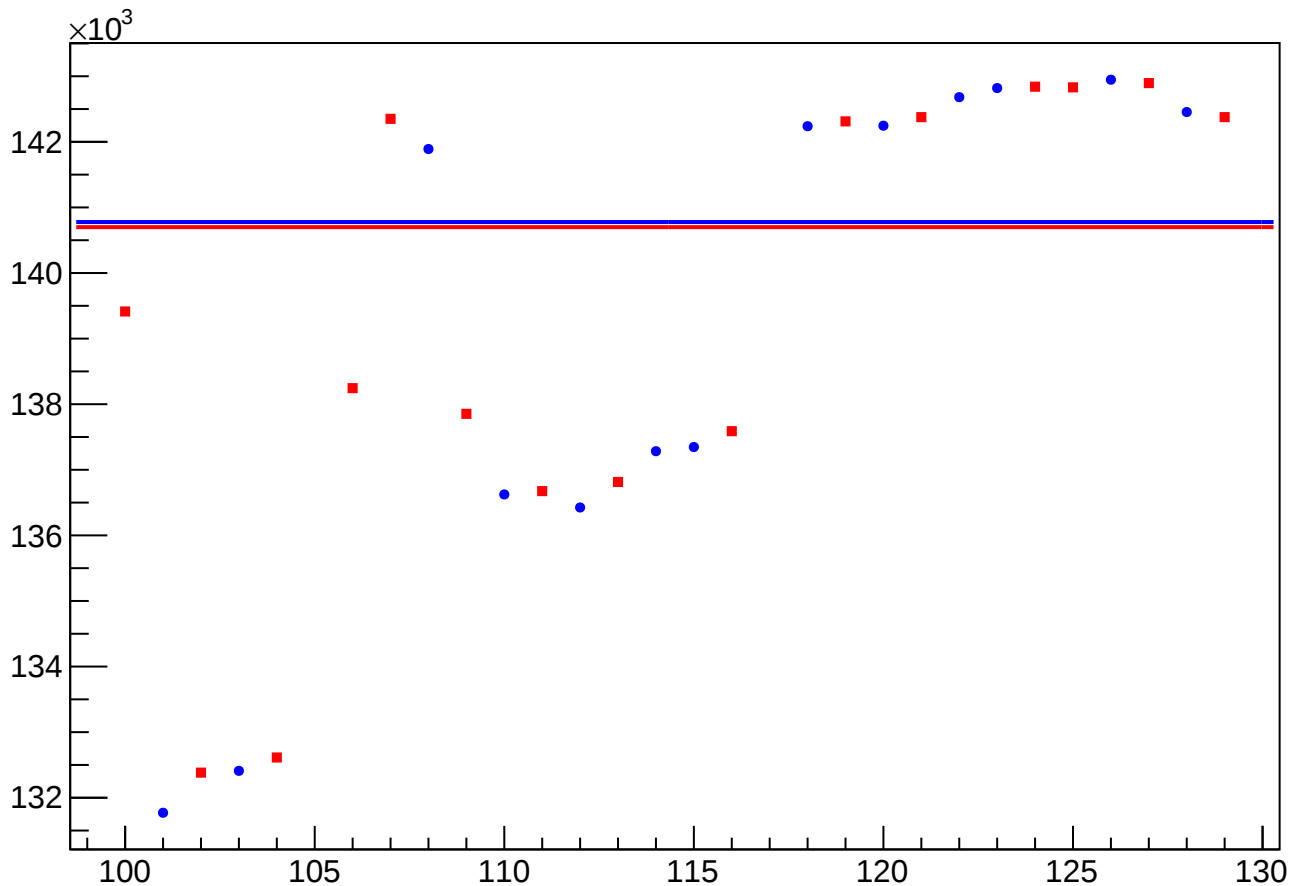
Right: 155.893 $\pm$ 0.037 χ^2 /NDF: 2202836.9/27

In: 161.437 $\pm$ 0.057 χ^2 /NDF:1042937.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

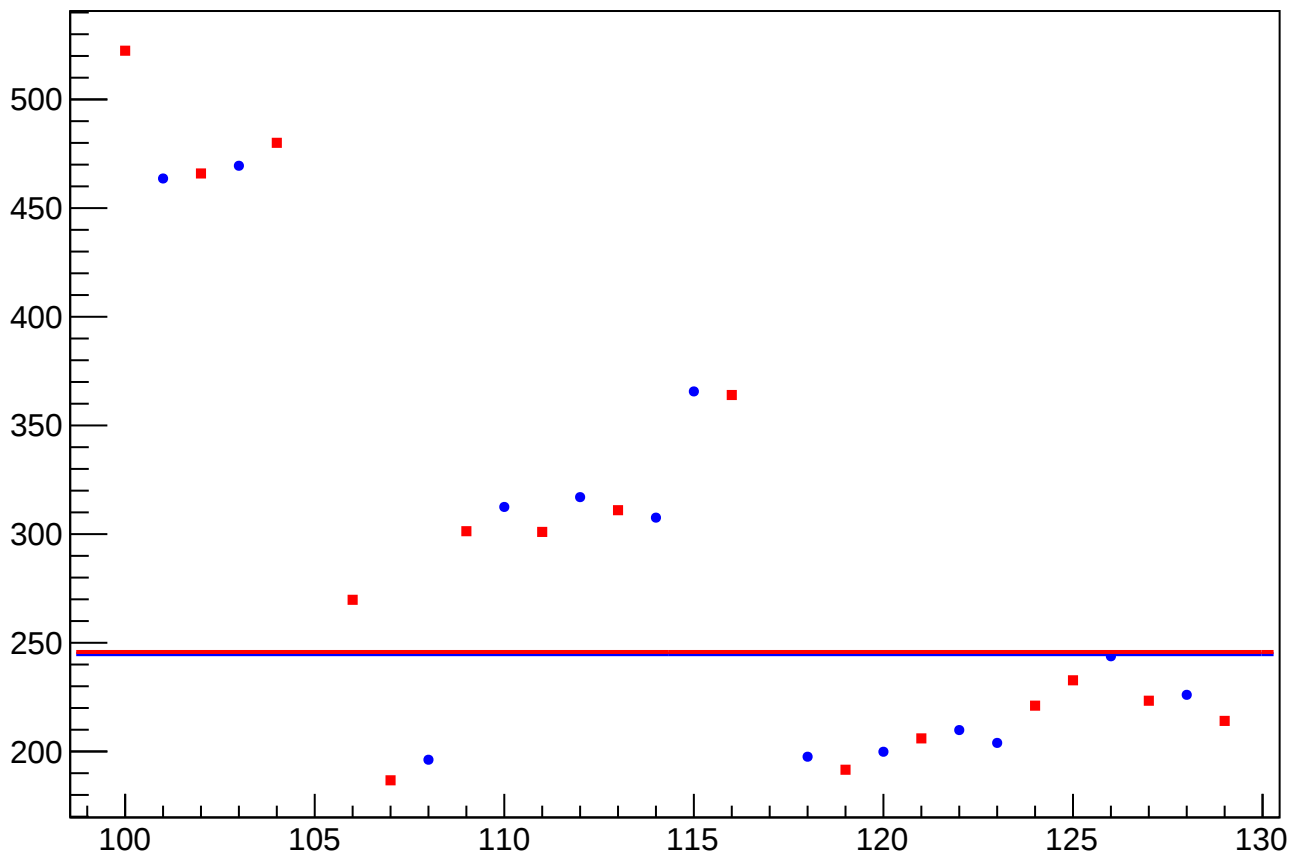
All: 155.893 $\pm$ 0.037 χ^2 /NDF: 2202836.9/27

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: 140777.357 $\pm$ 0.119 χ^2 /NDF: 716889341.7/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 140699.588 $\pm$ 0.110 χ^2 /NDF: 730846895.6/14
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 140735.191 $\pm$ 0.081 χ^2 /NDF: 1447966322.6/12
 In: 140777.357 $\pm$ 0.119 χ^2 /NDF:716889341.7/12
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 244.762+/-0.084 χ^2/NDF : 800847.9/12

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

Right Out: 245.773+/-0.078 χ^2/NDF : 874676.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

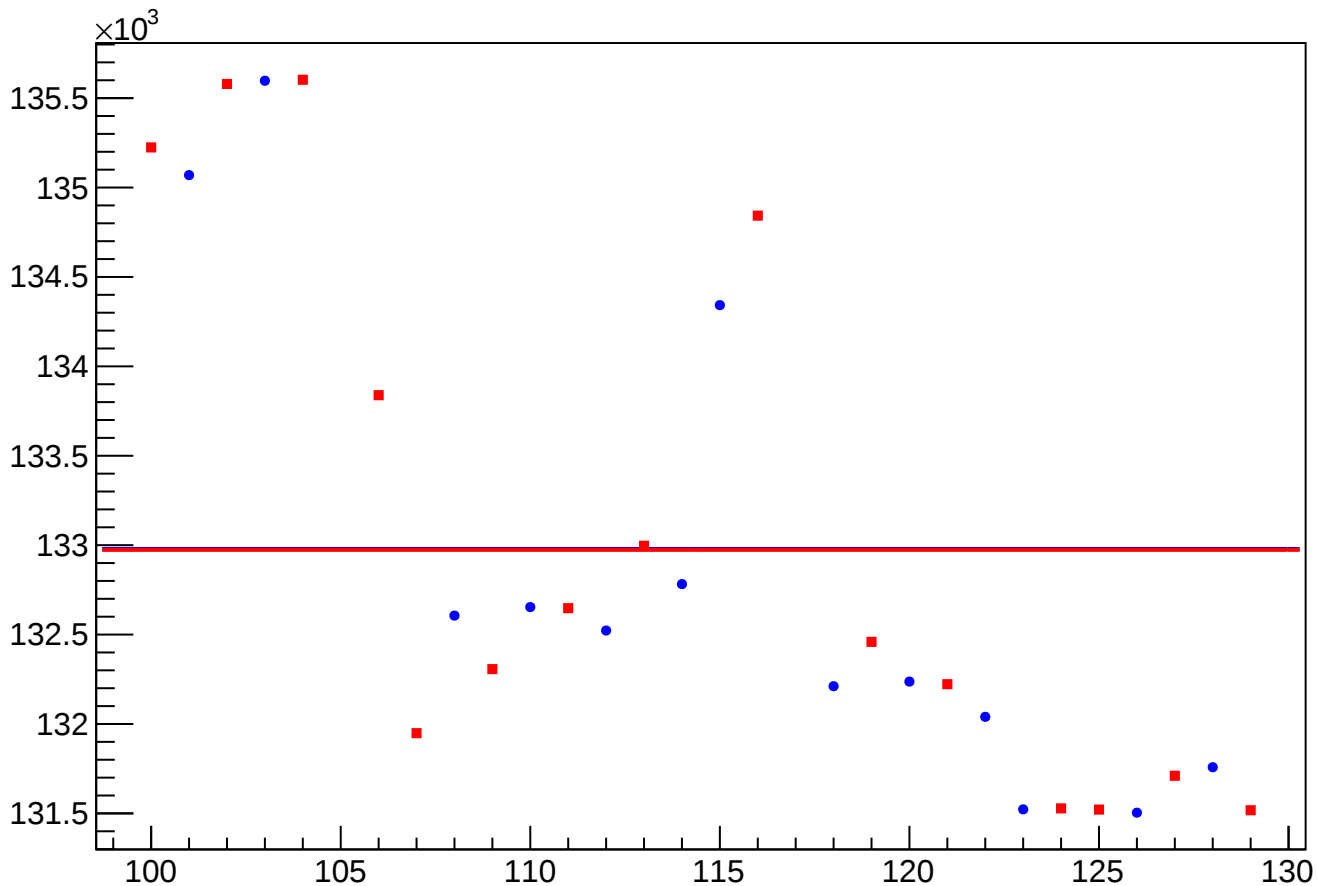
Right: 245.310+/-0.057 χ^2/NDF : 1675602.2/27

In: 244.762+/-0.084 χ^2/NDF : 800847.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.310+/-0.057 χ^2/NDF : 1675602.2/27

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 132978.718 $\pm$ 0.136 χ^2 /NDF: 70617734.2/12

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

Right Out: 132973.739 $\pm$ 0.117 χ^2 /NDF: 97877455.7/14

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

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

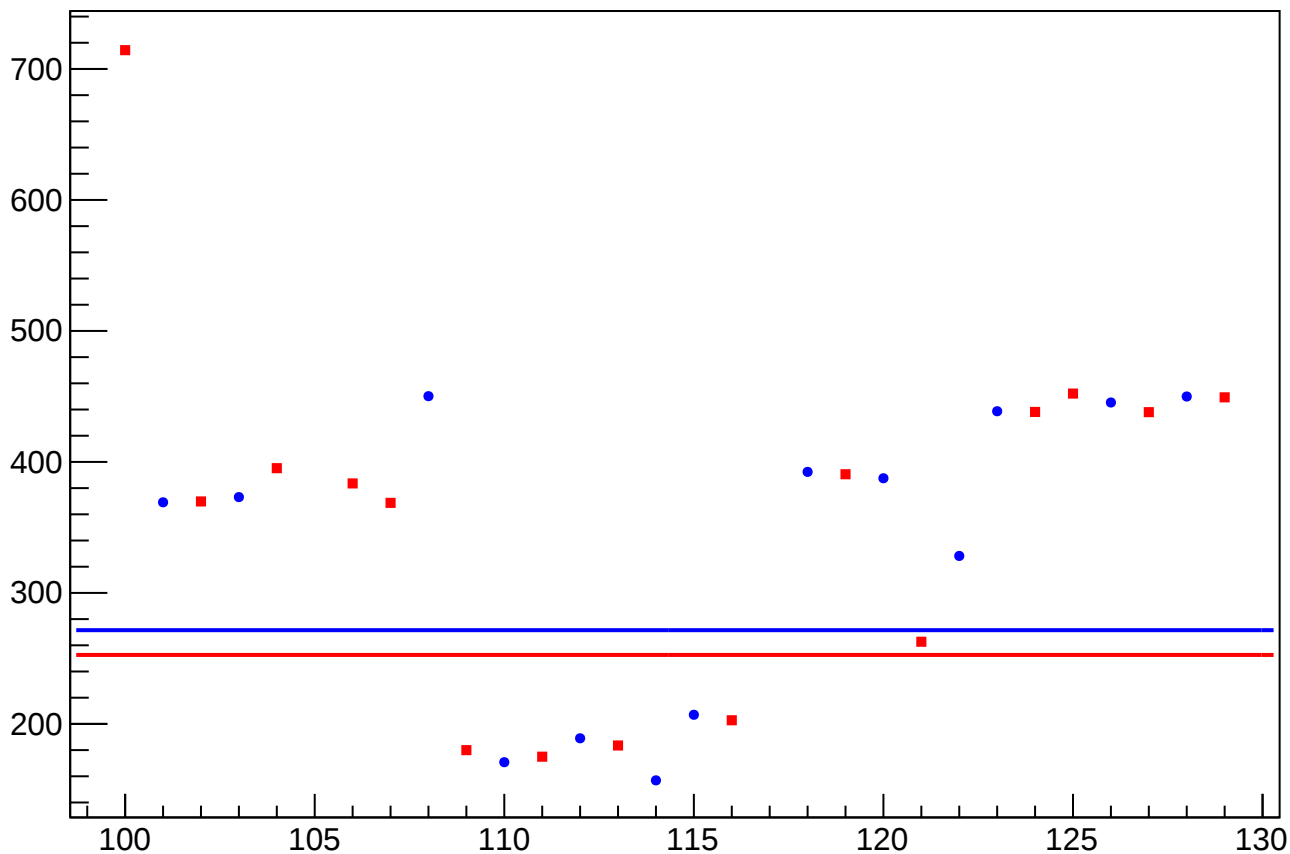
Right: 132975.853 $\pm$ 0.089 χ^2 /NDF: 168495957.4/2

In: 132978.718 $\pm$ 0.136 χ^2 /NDF:70617734.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 132975.853 $\pm$ 0.089 χ^2 /NDF: 168495957.4/2

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 271.549+/-0.096 χ^2/NDF : 1256287.7/12

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

Right Out: 252.646+/-0.083 χ^2/NDF : 1495875.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

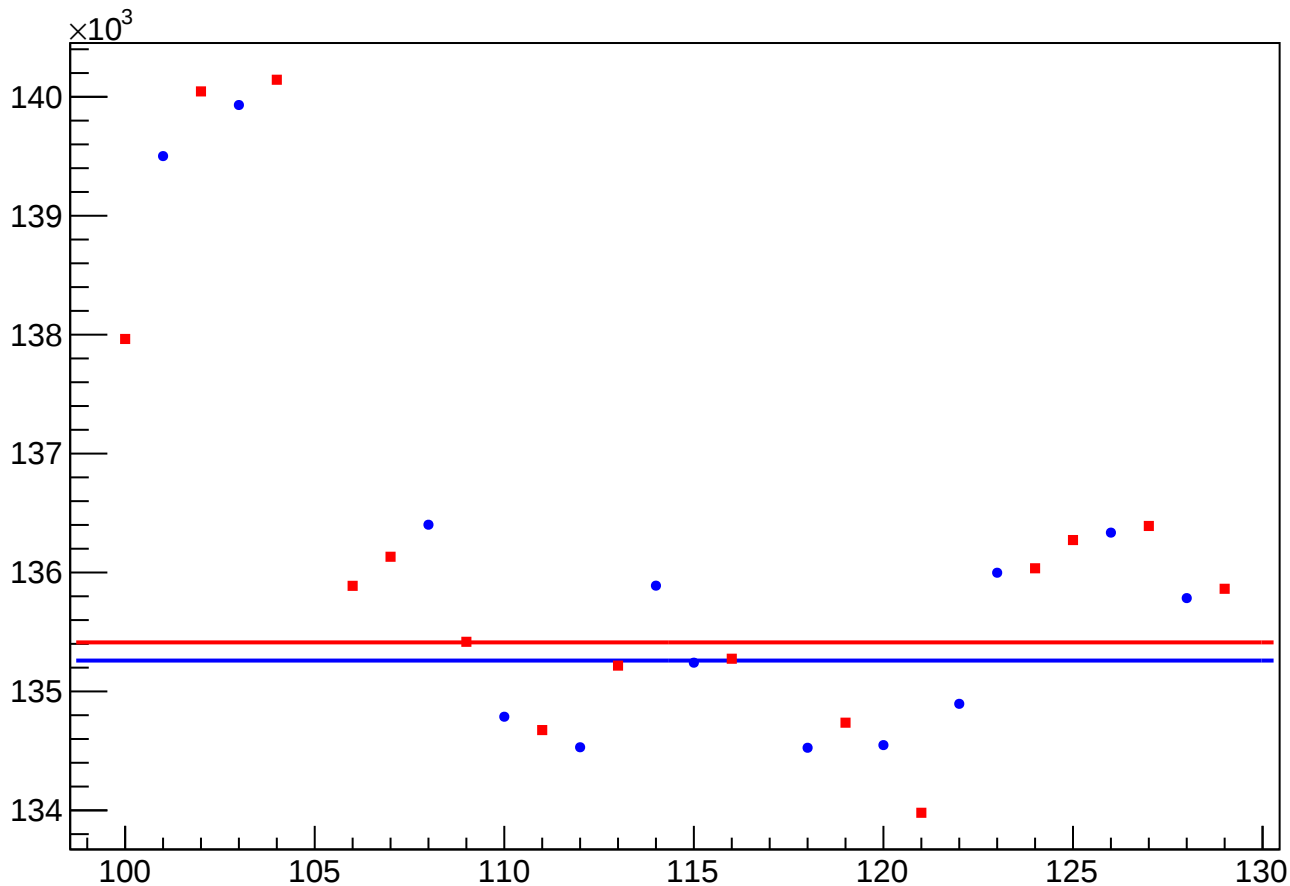
Right: 260.671+/-0.063 χ^2/NDF : 2774294.8/27

In: 271.549+/-0.096 χ^2/NDF : 1256287.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 260.671+/-0.063 χ^2/NDF : 2774294.8/27

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 135259.512+/-0.063 χ^2 /NDF: 288015456.7/12

Right: 135344.270+/-0.042 χ^2 /NDF: 575680210.8/2

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

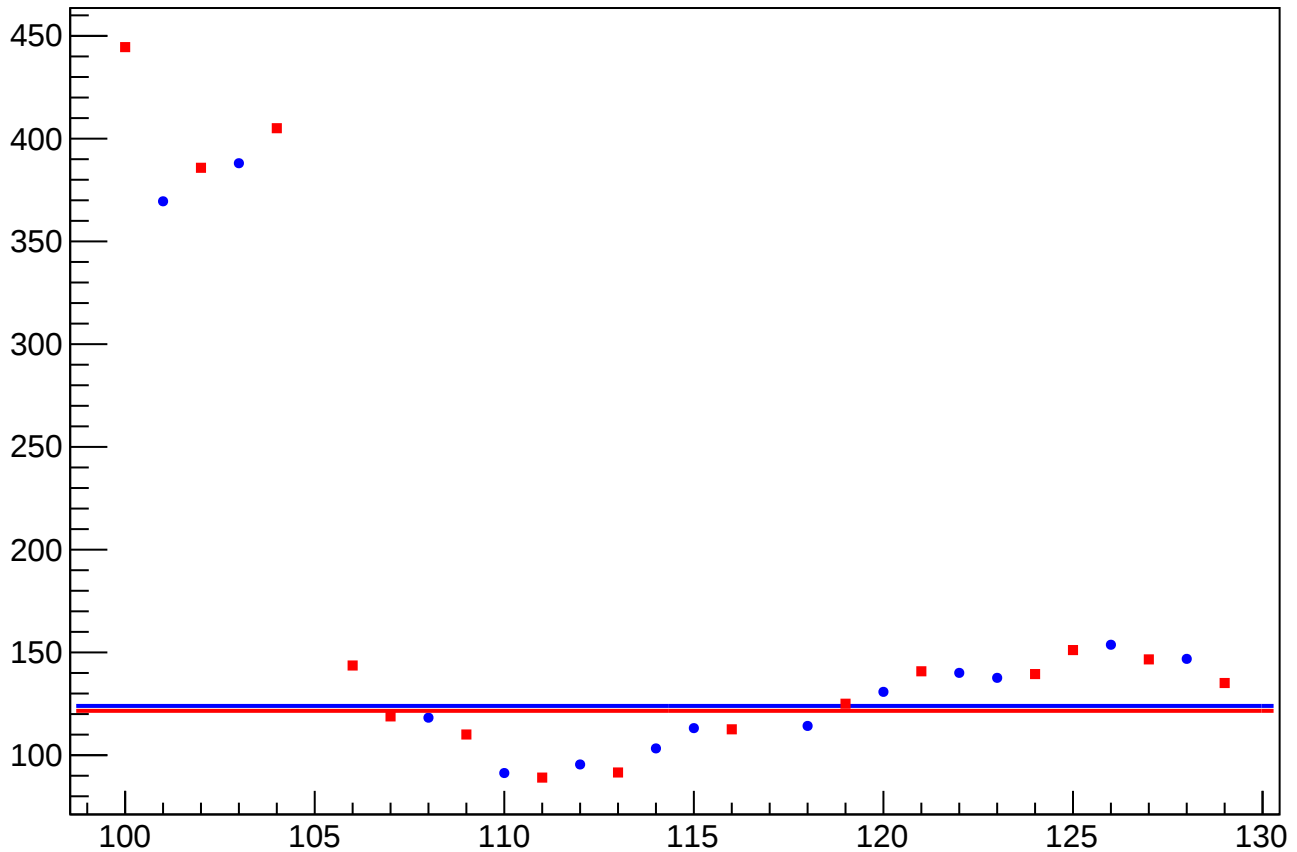
Right Out: 135412.287+/-0.056 χ^2 /NDF: 284369307.8/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 135344.270+/-0.042 χ^2 /NDF: 575680210.8/2

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 123.971+/-0.044 χ^2/NDF : 1282967.7/12

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

Right Out: 121.582+/-0.040 χ^2/NDF : 1370192.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

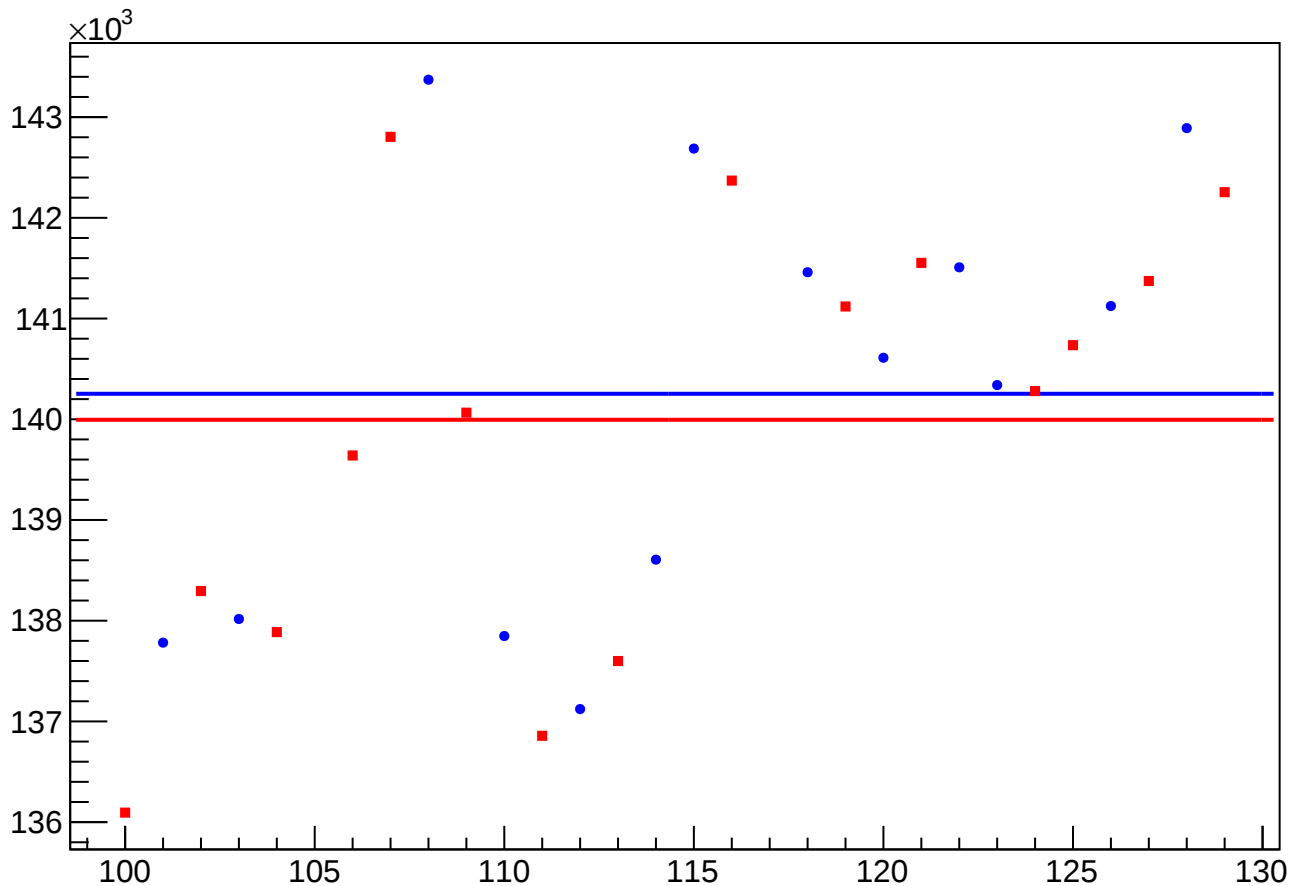
Right: 122.645+/-0.030 χ^2/NDF : 2654771.6/27

In: 123.971+/-0.044 χ^2/NDF : 1282967.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

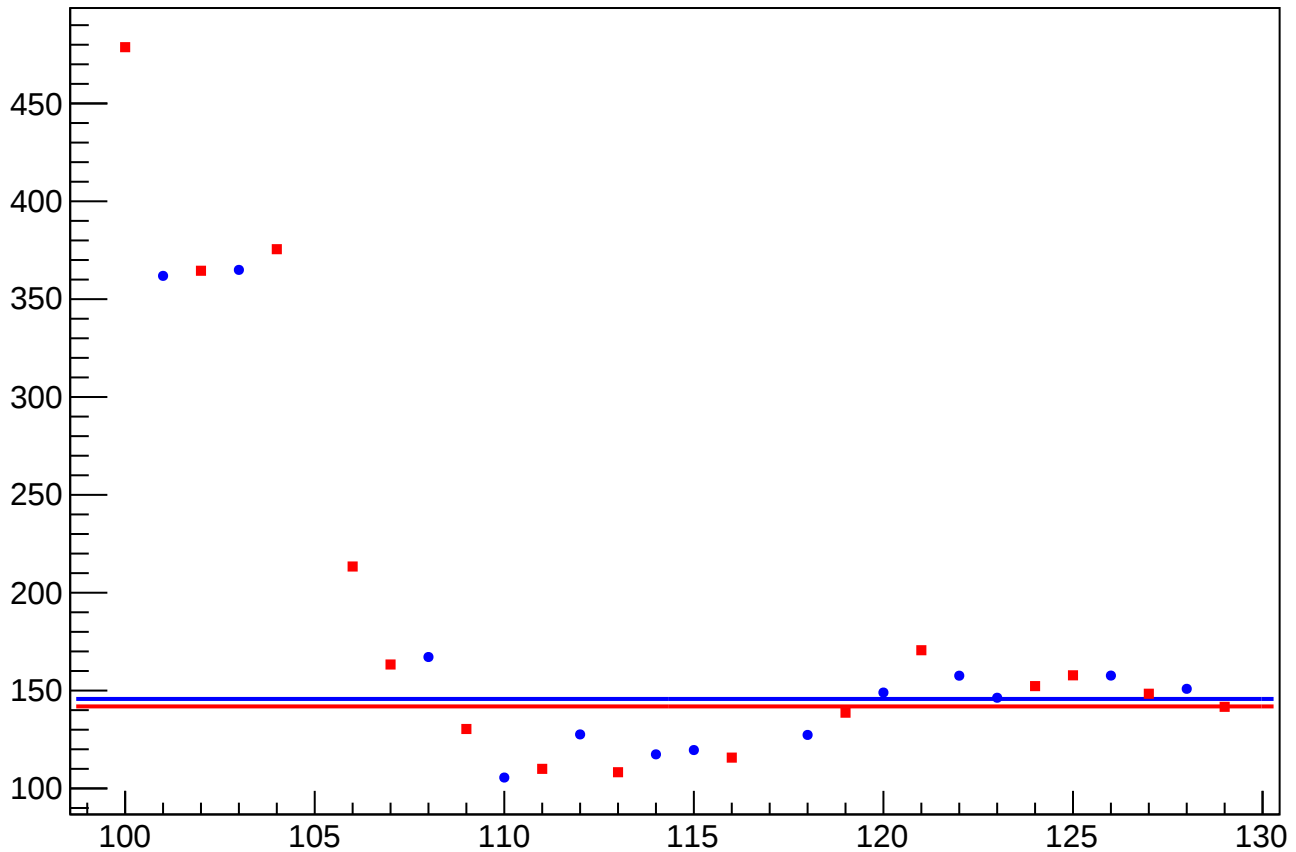
All: 122.645+/-0.030 χ^2/NDF : 2654771.6/27

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: 140253.040+/-0.072 χ^2/NDF : 889547413.6/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 140109.211+/-0.048 χ^2/NDF : 1891188329.5/14
 In: 140253.040+/-0.072 χ^2/NDF : 889547413.6/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 140109.211+/-0.048 χ^2/NDF : 1891188329.5/14

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 145.722+/-0.051 χ^2/NDF : 1009050.0/12

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

Right Out: 141.902+/-0.046 χ^2/NDF : 1133737.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

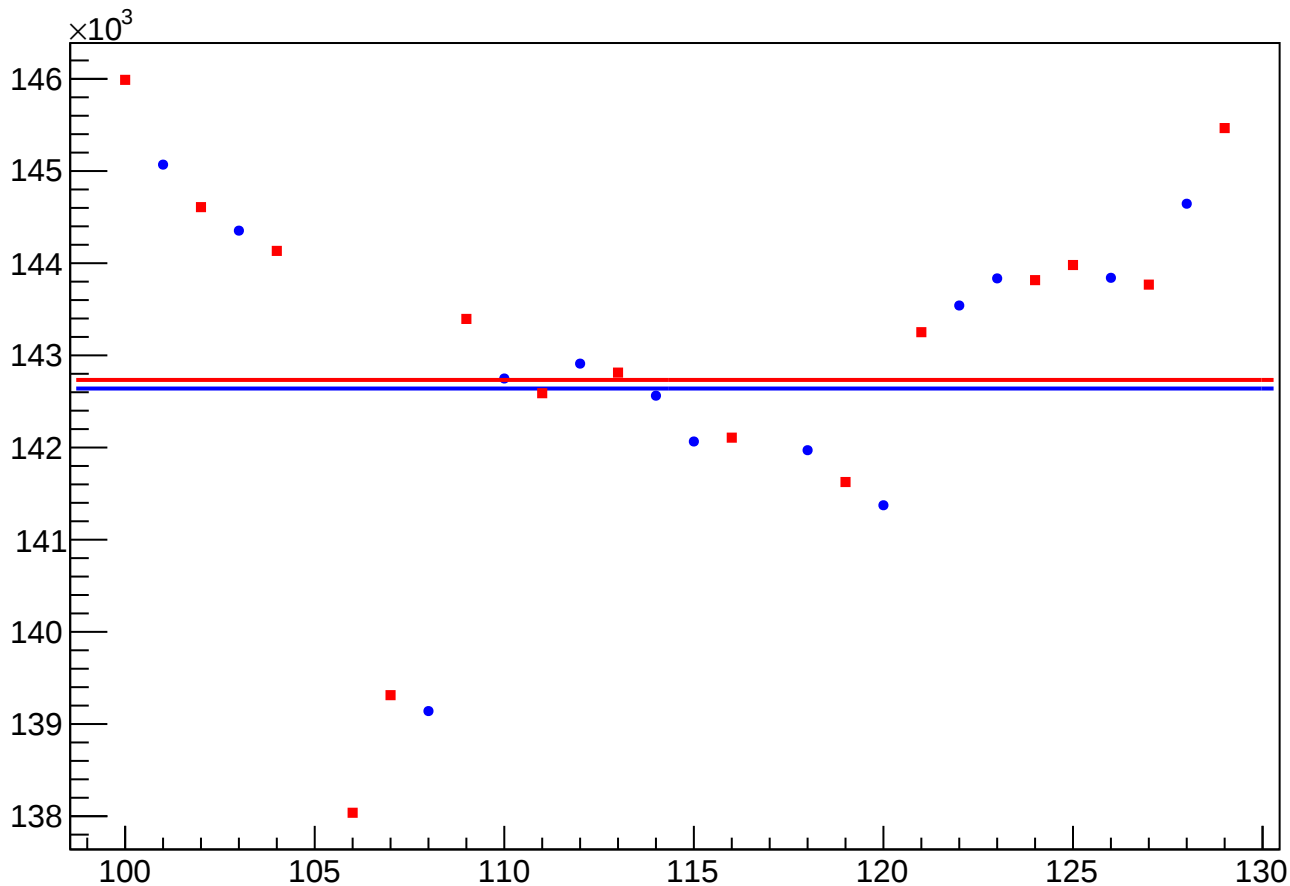
Right: 143.595+/-0.034 χ^2/NDF : 2145880.7/27

In: 145.722+/-0.051 χ^2/NDF :1009050.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 143.595+/-0.034 χ^2/NDF : 2145880.7/27

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 142640.230+/-0.077 χ^2 /NDF: 392373225.6/12

Right: 142693.868+/-0.050 χ^2 /NDF: 1003214548.2/14

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

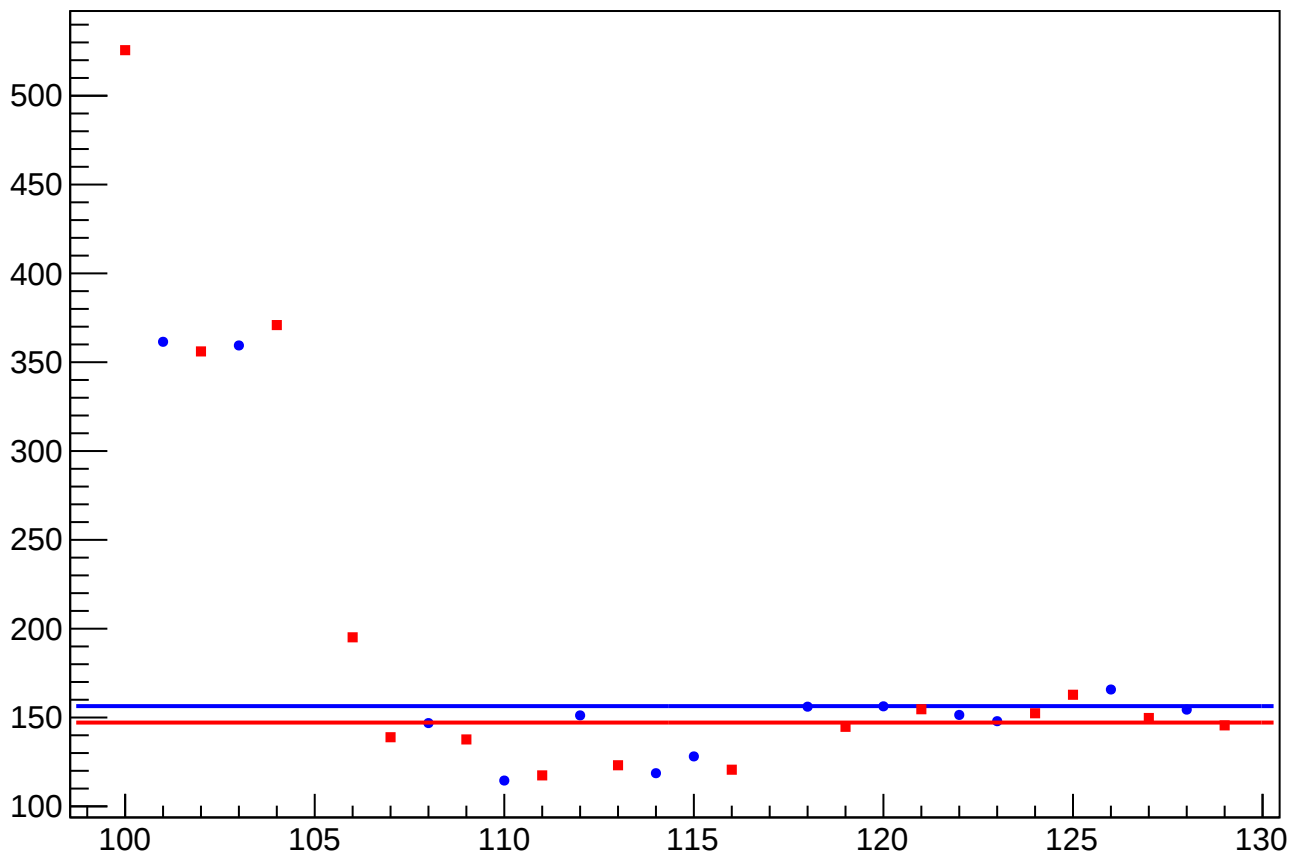
Right Out: 142733.496+/-0.066 χ^2 /NDF: 610005160.2/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 142693.868+/-0.050 χ^2 /NDF: 1003214548.2/14

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 156.418 $\pm$ 0.055 χ^2 /NDF: 866599.4/12

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

Right Out: 147.157 $\pm$ 0.047 χ^2 /NDF: 958020.0/14

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

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

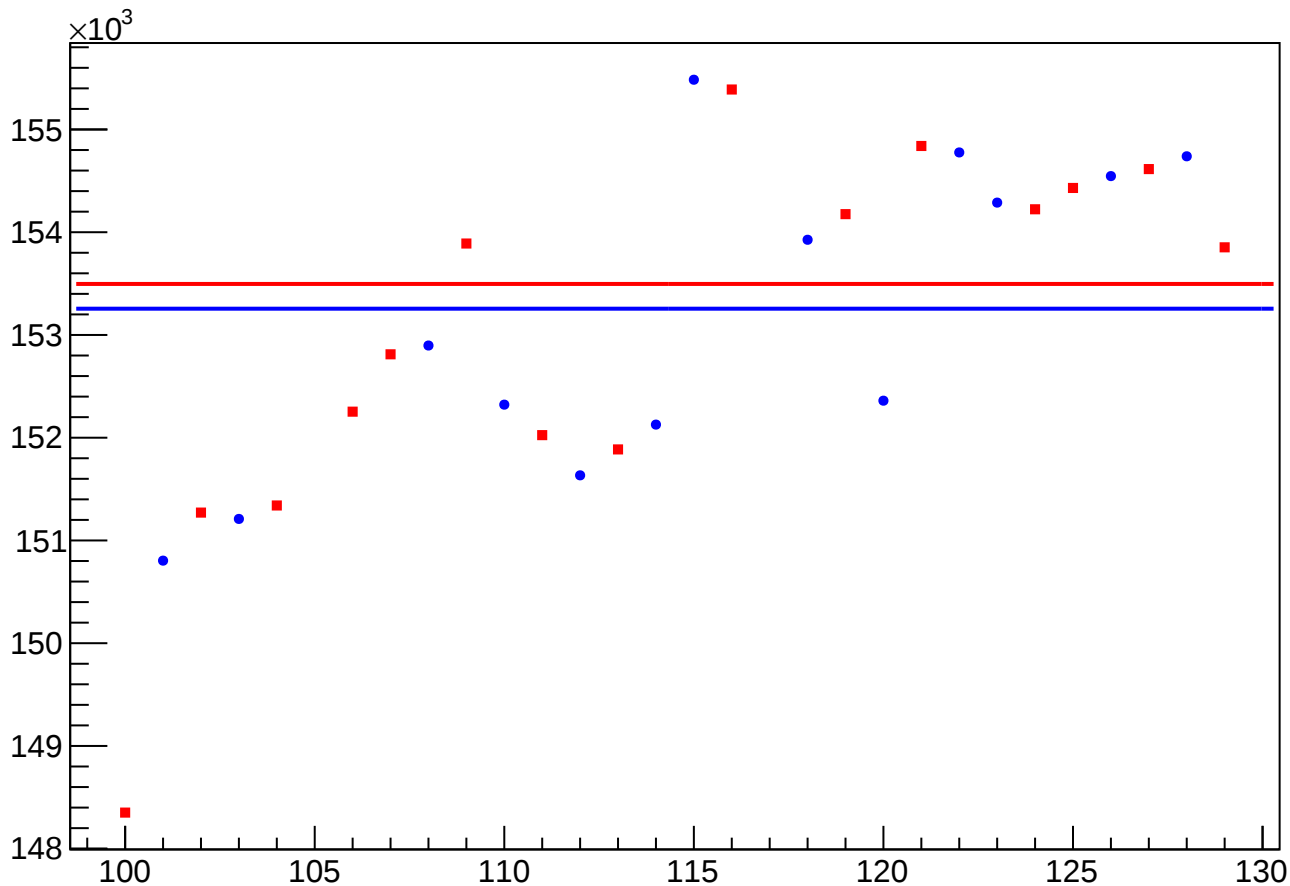
Right: 151.092 $\pm$ 0.036 χ^2 /NDF: 1841106.6/27

In: 156.418 $\pm$ 0.055 χ^2 /NDF:866599.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 151.092 $\pm$ 0.036 χ^2 /NDF: 1841106.6/27

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right In: 153255.697+/-0.089 χ^2/NDF : 223757042.6/12

Right: 153398.404+/-0.057 χ^2/NDF : 489201905.2/2

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

Right Out: 153496.558+/-0.074 χ^2/NDF : 261139015.6/14

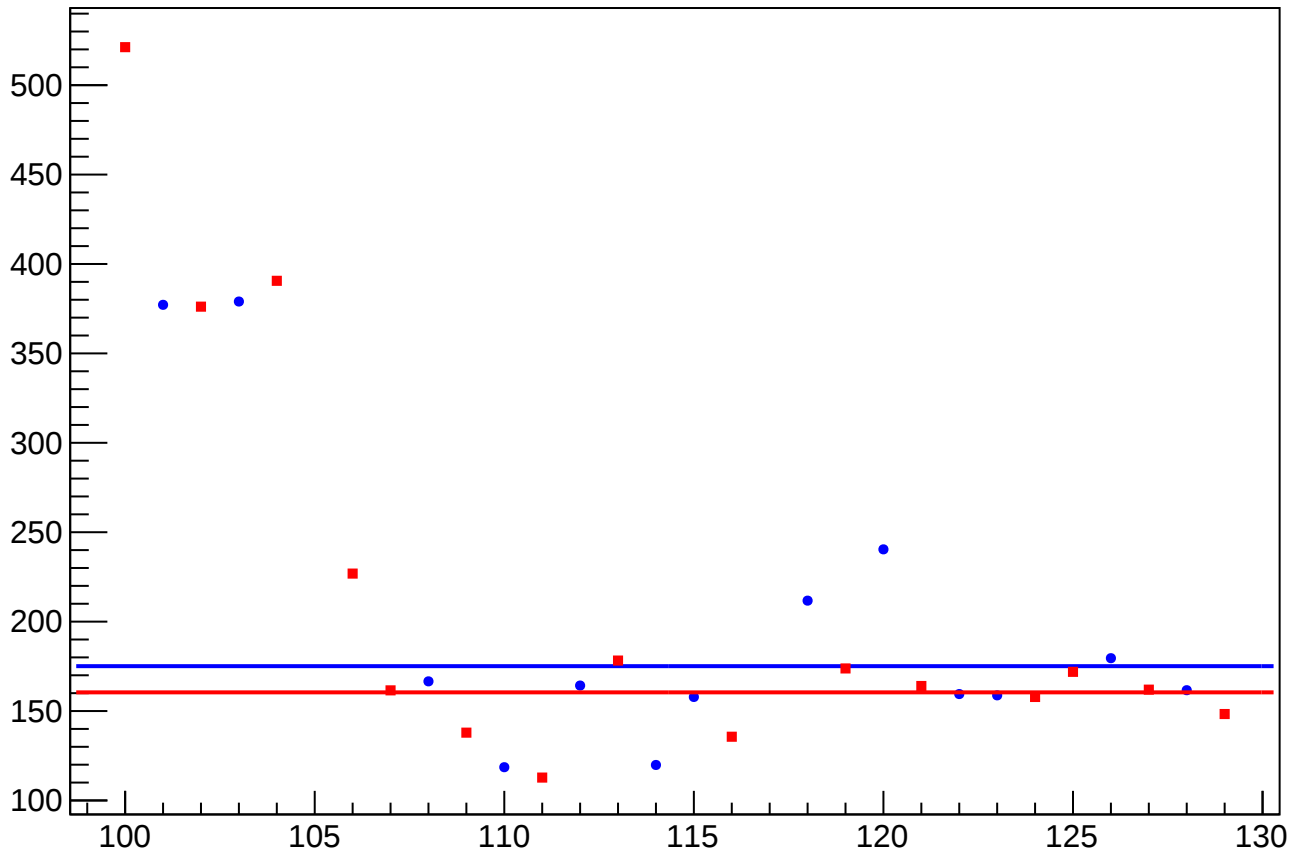
In: 153255.697+/-0.089 χ^2/NDF : 223757042.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

All: 153398.404+/-0.057 χ^2/NDF : 489201905.2/2

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 175.099+/-0.063 χ^2/NDF : 933163.9/12

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

Right Out: 160.446+/-0.052 χ^2/NDF : 1013591.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

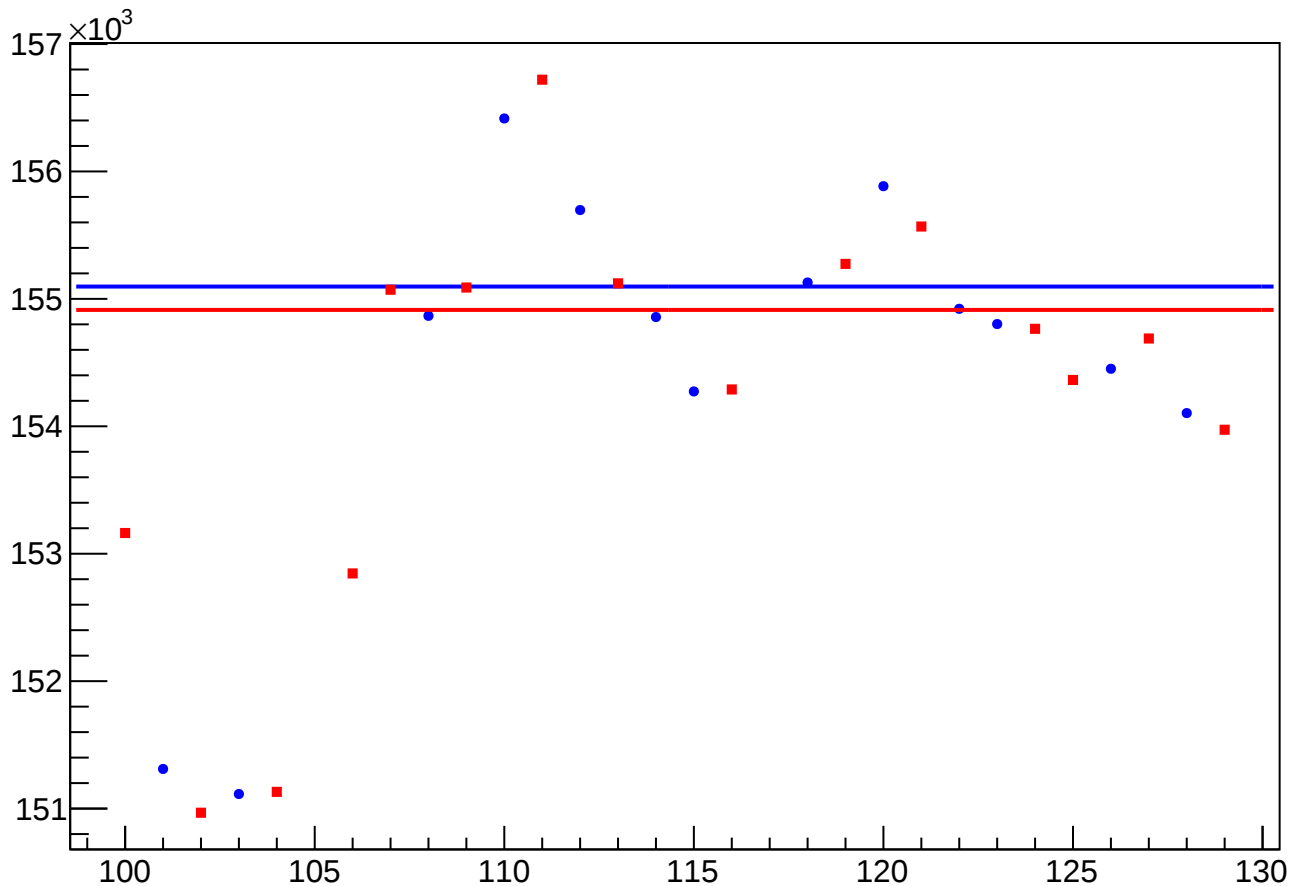
Right: 166.417+/-0.040 χ^2/NDF : 1978629.8/27

In: 175.099+/-0.063 χ^2/NDF : 933163.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.417+/-0.040 χ^2/NDF : 1978629.8/27

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 155096.661+/-0.076 χ^2 /NDF: 191637603.0/12

Right: 154993.625+/-0.050 χ^2 /NDF: 475111981.5/2

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

Right Out: 154913.307+/-0.067 χ^2 /NDF: 280188491.6/14

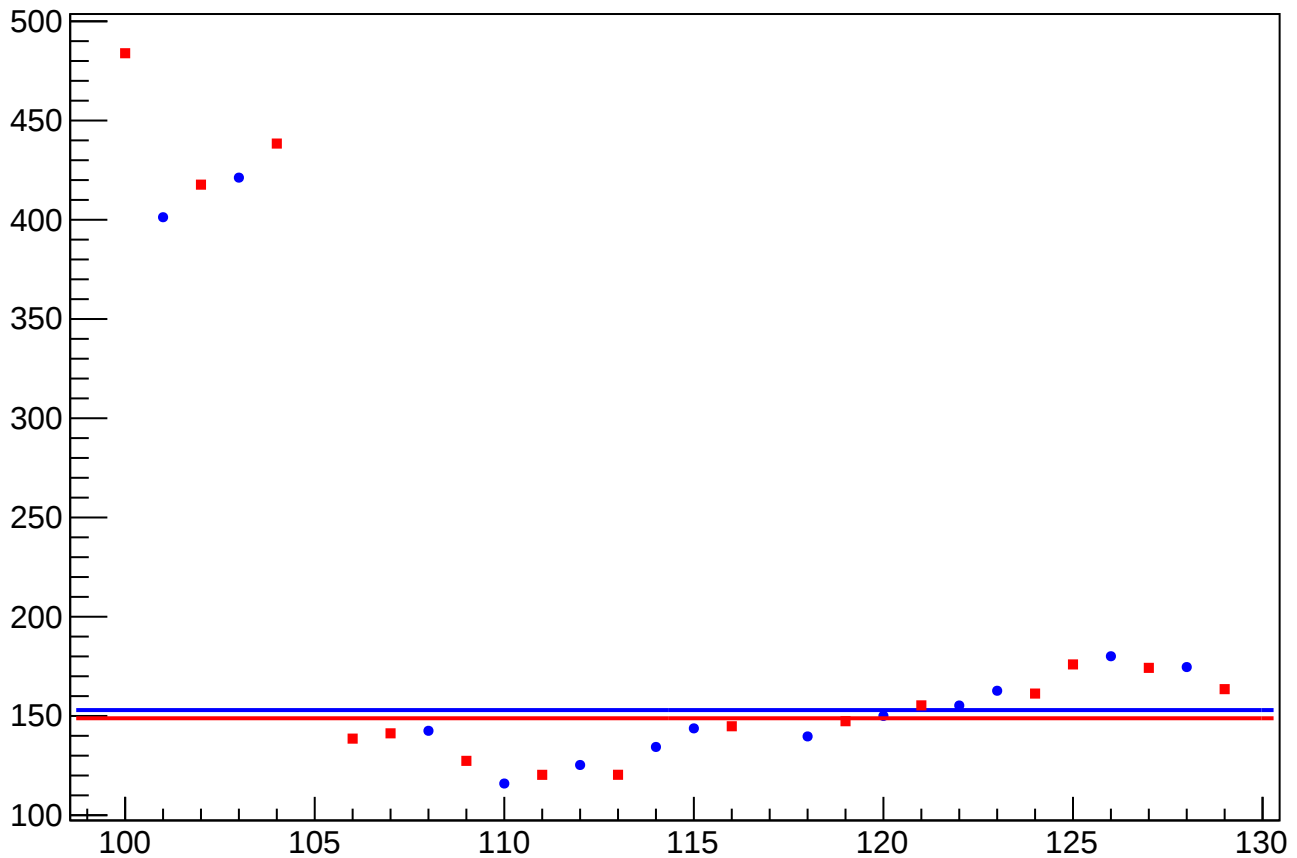
In: 155096.661+/-0.076 χ^2 /NDF: 191637603.0/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 154993.625+/-0.050 χ^2 /NDF: 475111981.5/2

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 152.969+/-0.054 χ^2/NDF : 1068900.7/12

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

Right Out: 148.839+/-0.047 χ^2/NDF : 1119886.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

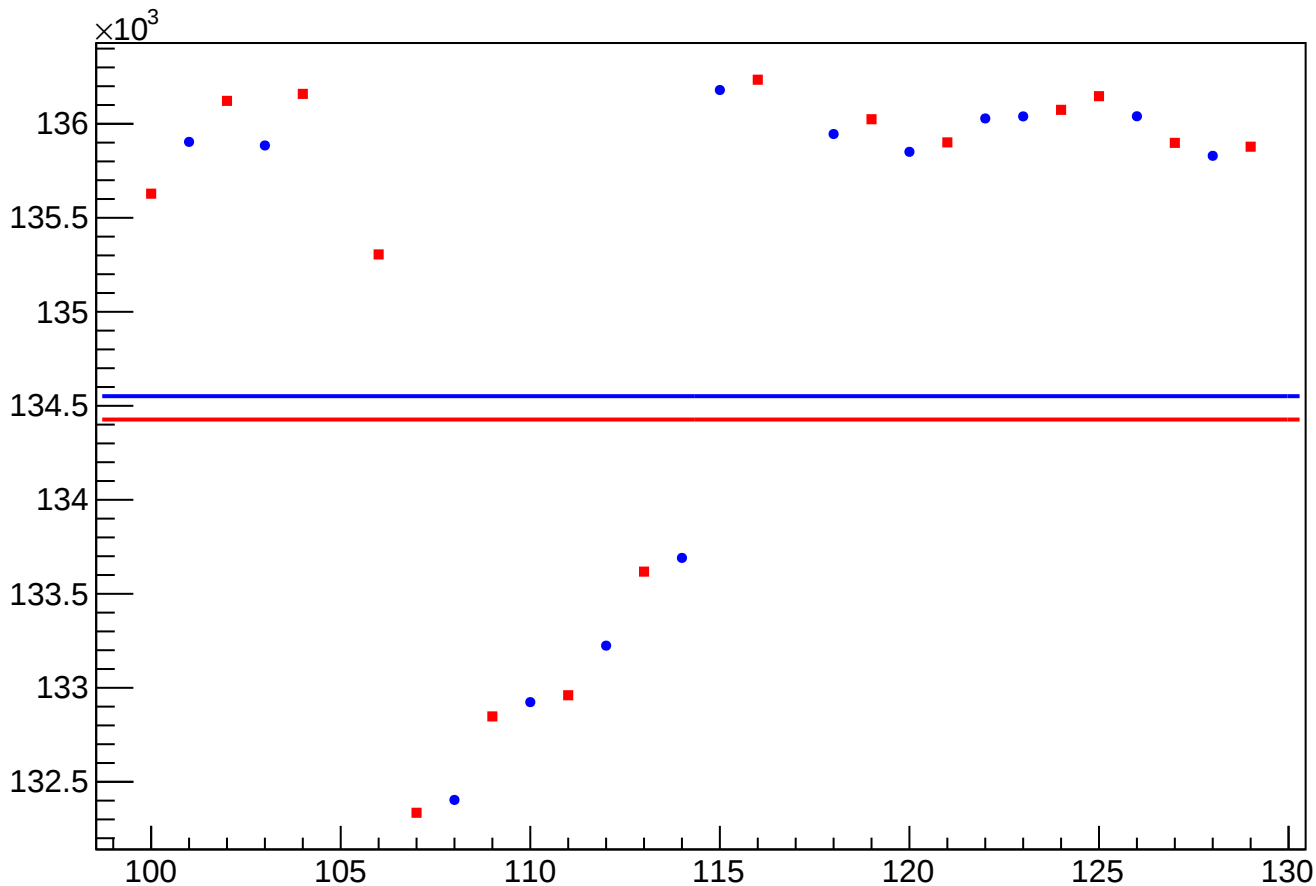
Right: 150.648+/-0.035 χ^2/NDF : 2192122.1/27

In: 152.969+/-0.054 χ^2/NDF : 1068900.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

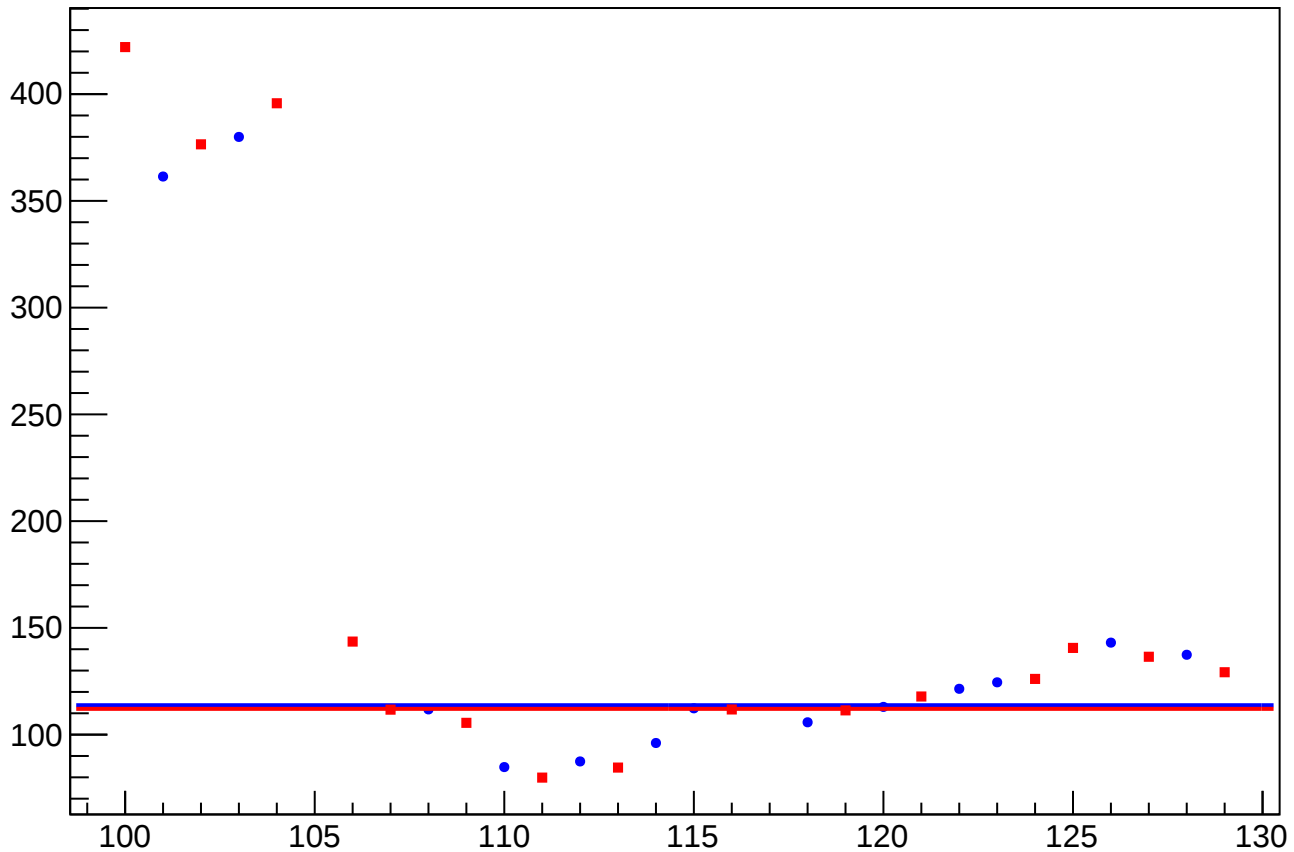
All: 150.648+/-0.035 χ^2/NDF : 2192122.1/27

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 134551.247 $\pm$ 0.057 χ^2 /NDF: 681454218.3/12
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 134482.572 $\pm$ 0.038 χ^2 /NDF: 1519214460.5
 In: 134551.247 $\pm$ 0.057 χ^2 /NDF: 681454218.3/12
 Right Out: 134426.977 $\pm$ 0.052 χ^2 /NDF: 835178786.3/14
 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: 134482.572 $\pm$ 0.038 χ^2 /NDF: 1519214460.5

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 113.777+/-0.041 χ^2/NDF : 1335583.1/12

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

Right Out: 112.075+/-0.037 χ^2/NDF : 1443129.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

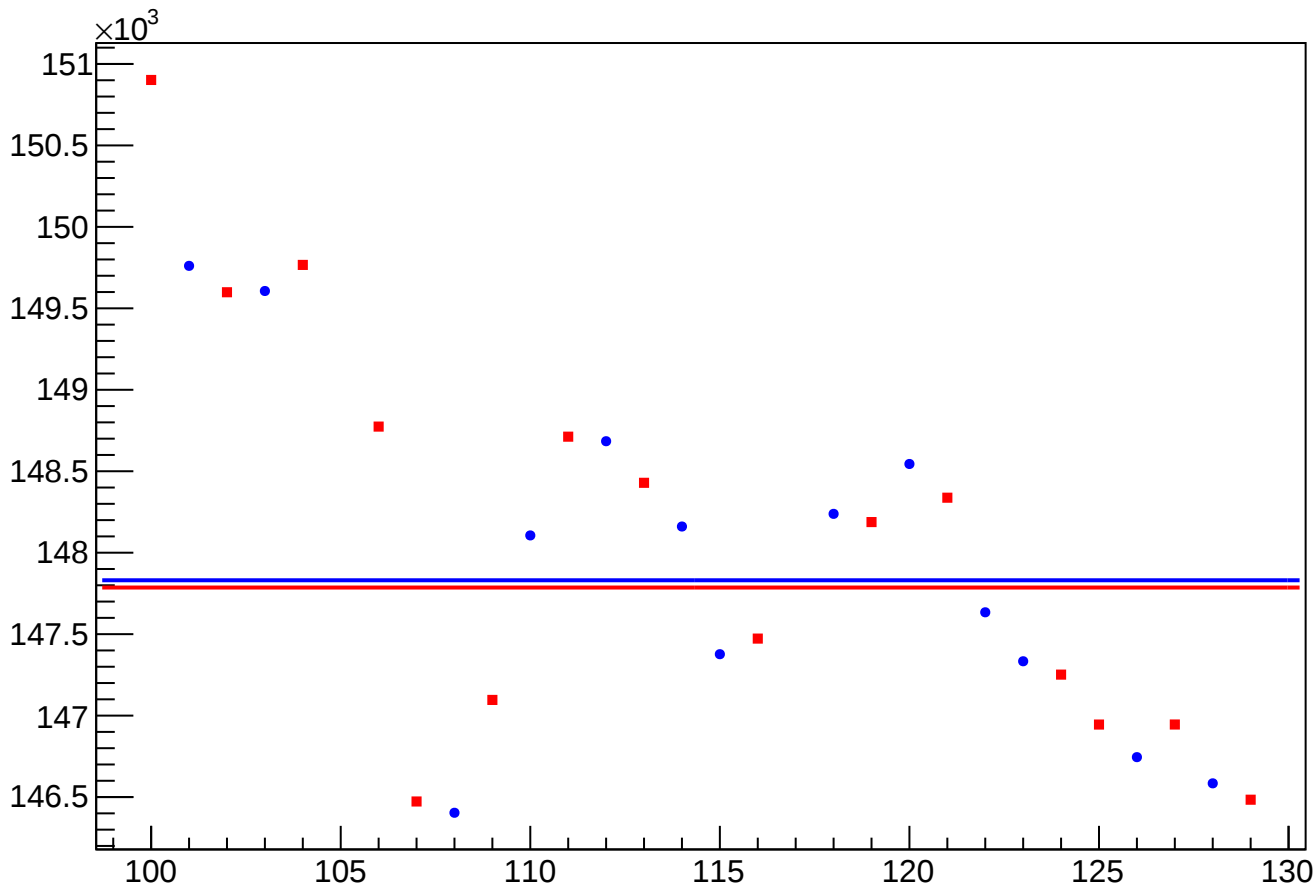
Right: 112.836+/-0.027 χ^2/NDF : 2779681.4/27

In: 113.777+/-0.041 χ^2/NDF :1335583.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

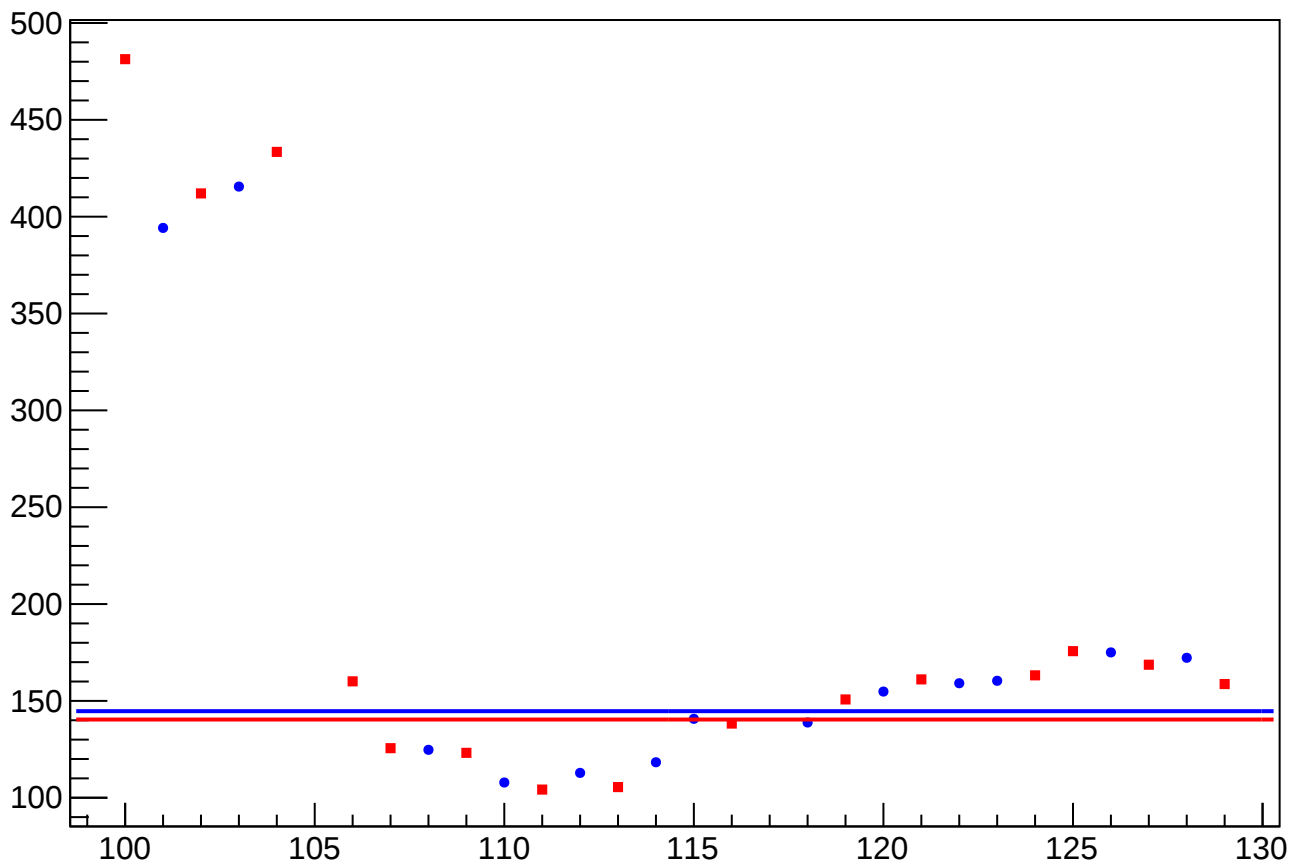
All: 112.836+/-0.027 χ^2/NDF : 2779681.4/27

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 147830.793+/-0.072 χ^2 /NDF: 150617871.4/12
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 147805.785+/-0.048 χ^2 /NDF: 342932711.0/2
 In: 147830.793+/-0.072 χ^2 /NDF: 150617871.4/12
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 147805.785+/-0.048 χ^2 /NDF: 342932711.0/2

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 144.694+/-0.051 χ^2/NDF : 1184504.8/12

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

Right Out: 140.385+/-0.045 χ^2/NDF : 1309817.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

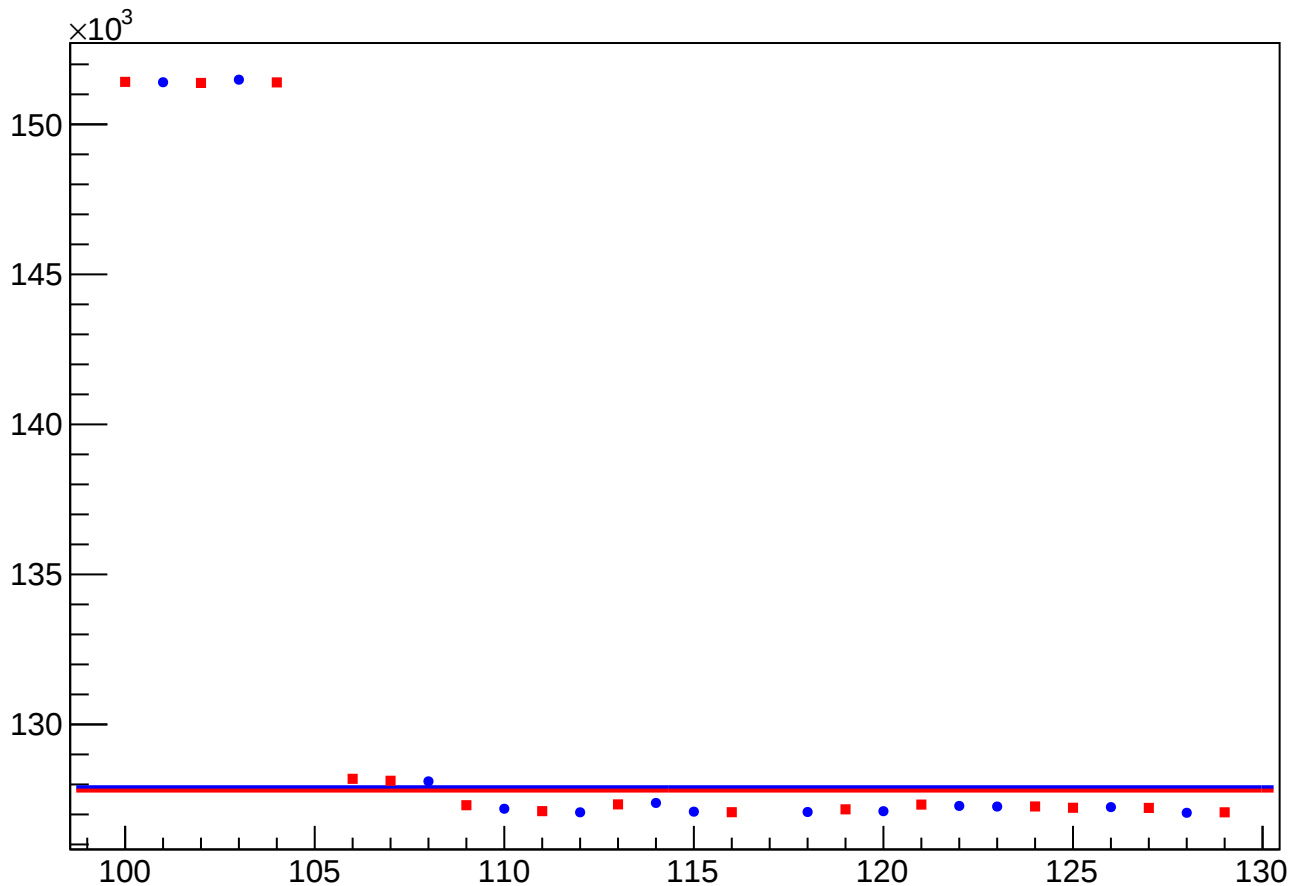
Right: 142.277+/-0.034 χ^2/NDF : 2498301.9/27

In: 144.694+/-0.051 χ^2/NDF :1184504.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 142.277+/-0.034 χ^2/NDF : 2498301.9/27

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 127907.297+/-0.062 χ^2 /NDF: 4181604517.6/12

Right: 127844.834+/-0.041 χ^2 /NDF: 7841035617.4/12

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

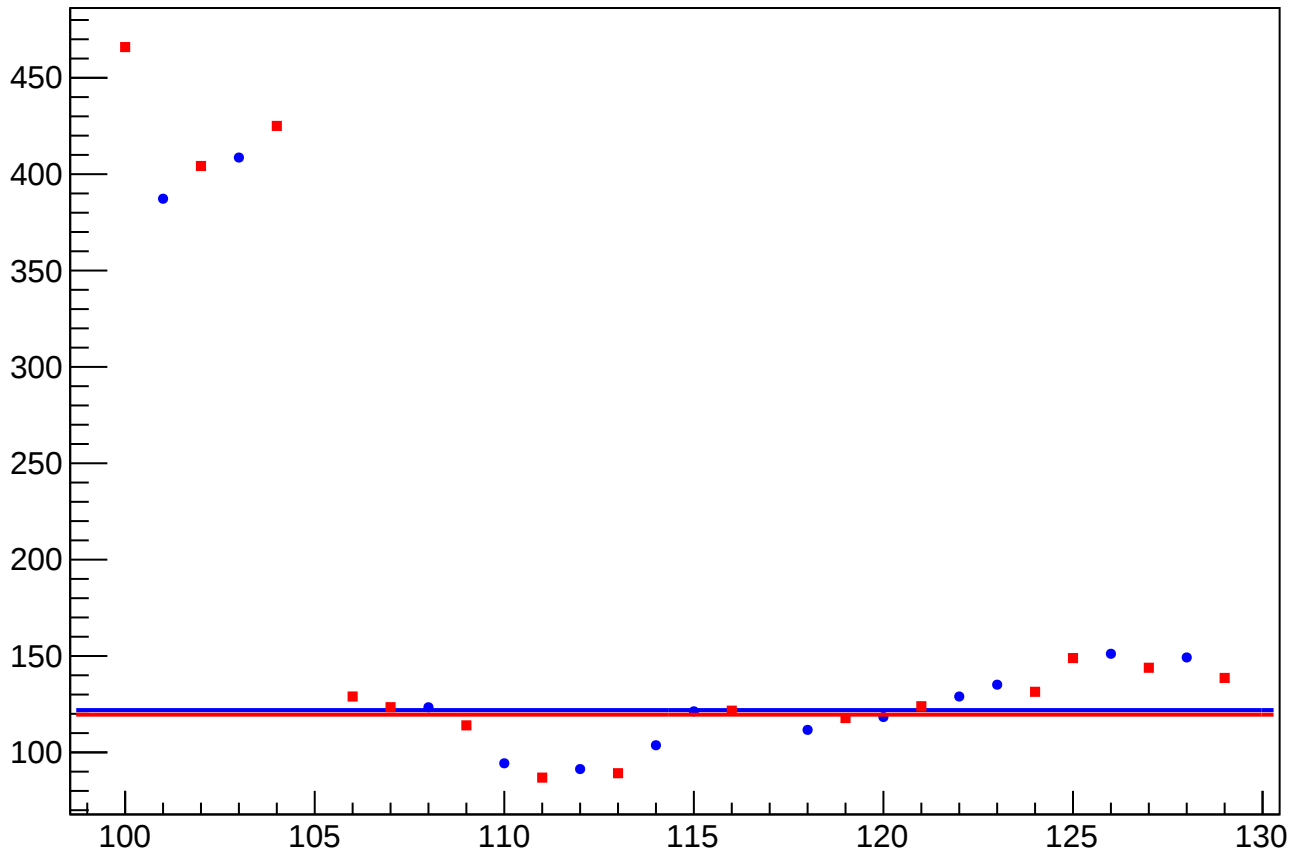
Right Out: 127795.524+/-0.055 χ^2 /NDF: 3657592835.3/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 127844.834+/-0.041 χ^2 /NDF: 7841035617.4/12

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 121.939+/-0.044 χ^2/NDF : 1334536.2/12

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

Right Out: 119.582+/-0.039 χ^2/NDF : 1415570.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

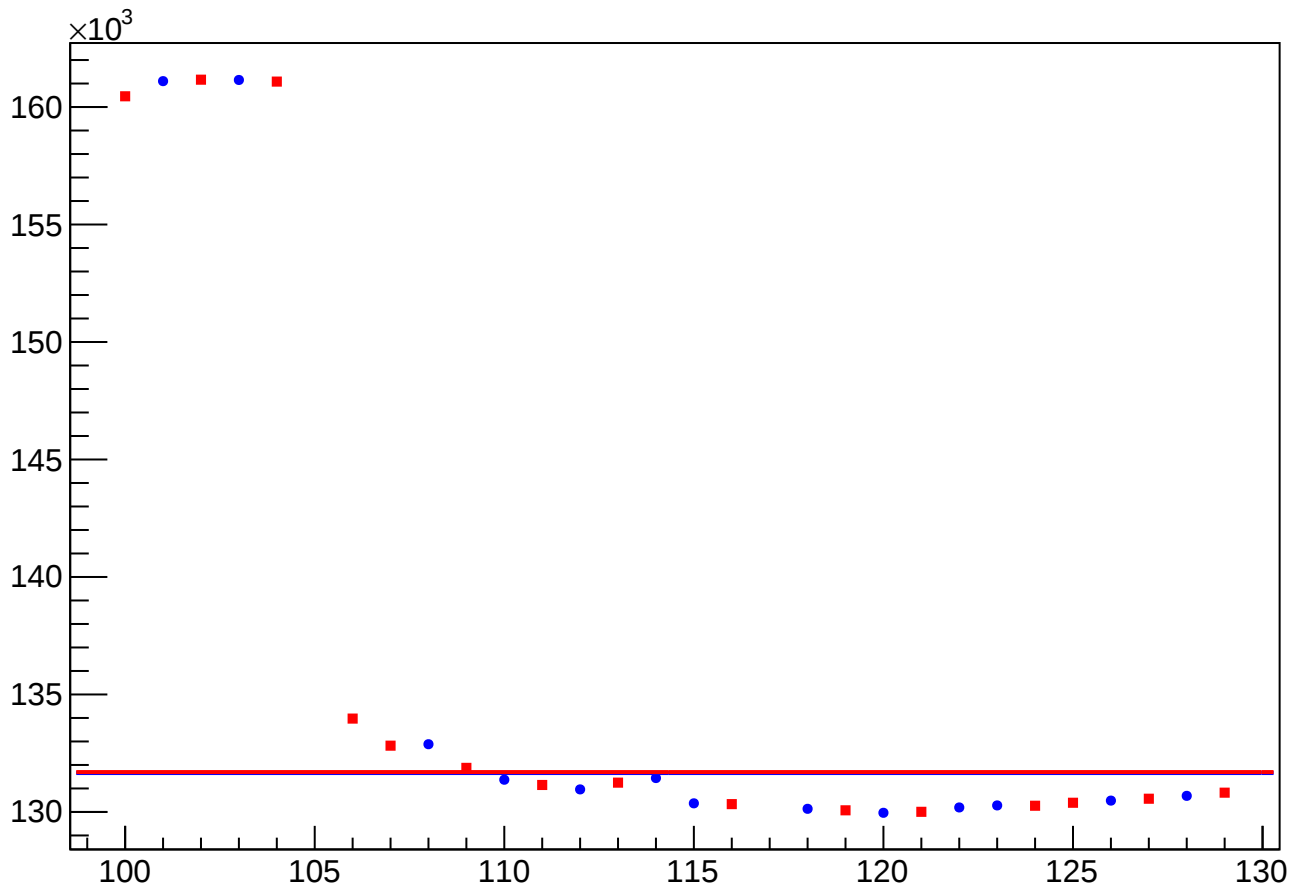
Right: 120.622+/-0.029 χ^2/NDF : 2751741.4/27

In: 121.939+/-0.044 χ^2/NDF : 1334536.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

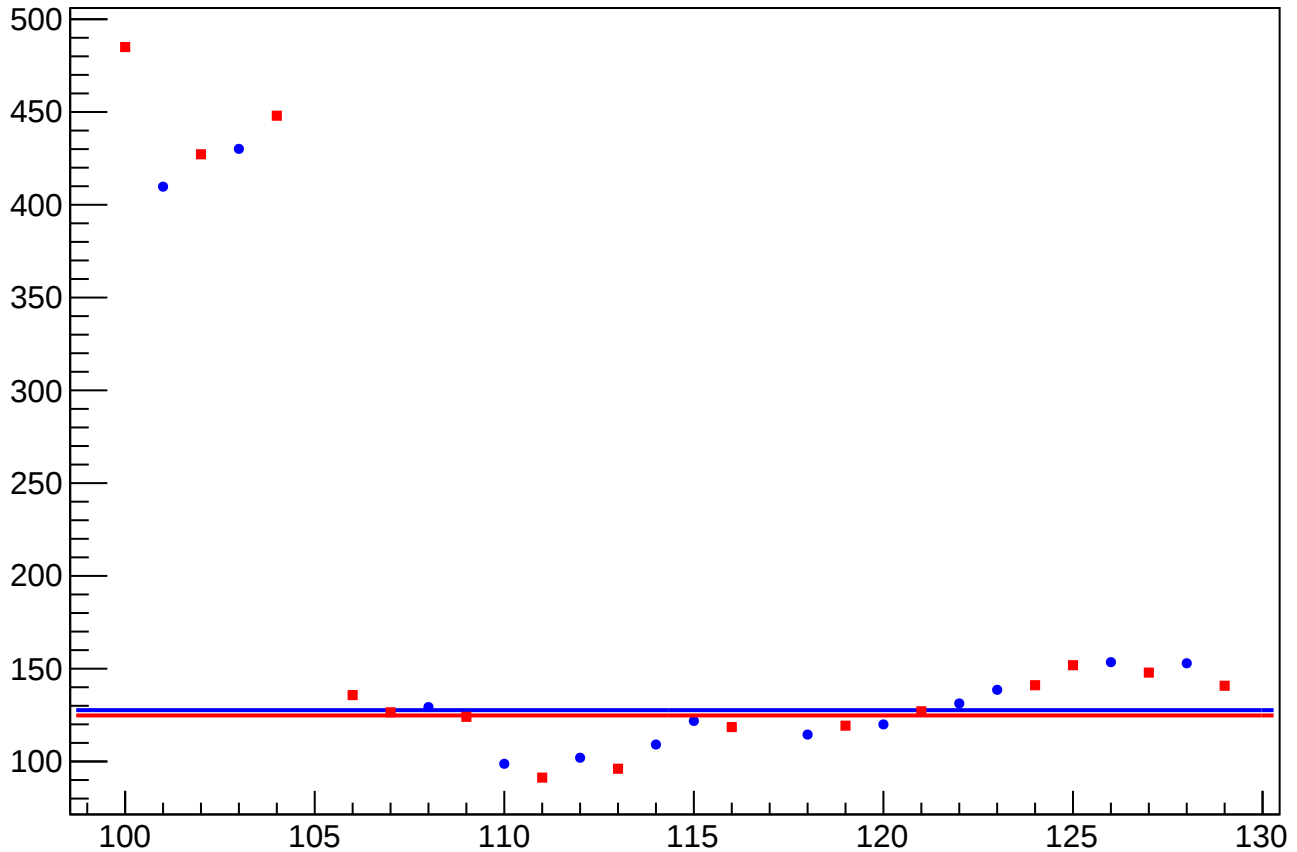
All: 120.622+/-0.029 χ^2/NDF : 2751741.4/27

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: 131656.193 $\pm$ 0.064 χ^2 /NDF: 6006678922.7/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 131697.809 $\pm$ 0.057 χ^2 /NDF: 5364253222.3/14
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 131679.494 $\pm$ 0.043 χ^2 /NDF: 11371166259.9/12
 In: 131656.193 $\pm$ 0.064 χ^2 /NDF:6006678922.7/12
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 127.654+/-0.046 χ^2/NDF : 1295574.8/12

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

Right Out: 124.804+/-0.040 χ^2/NDF : 1385538.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

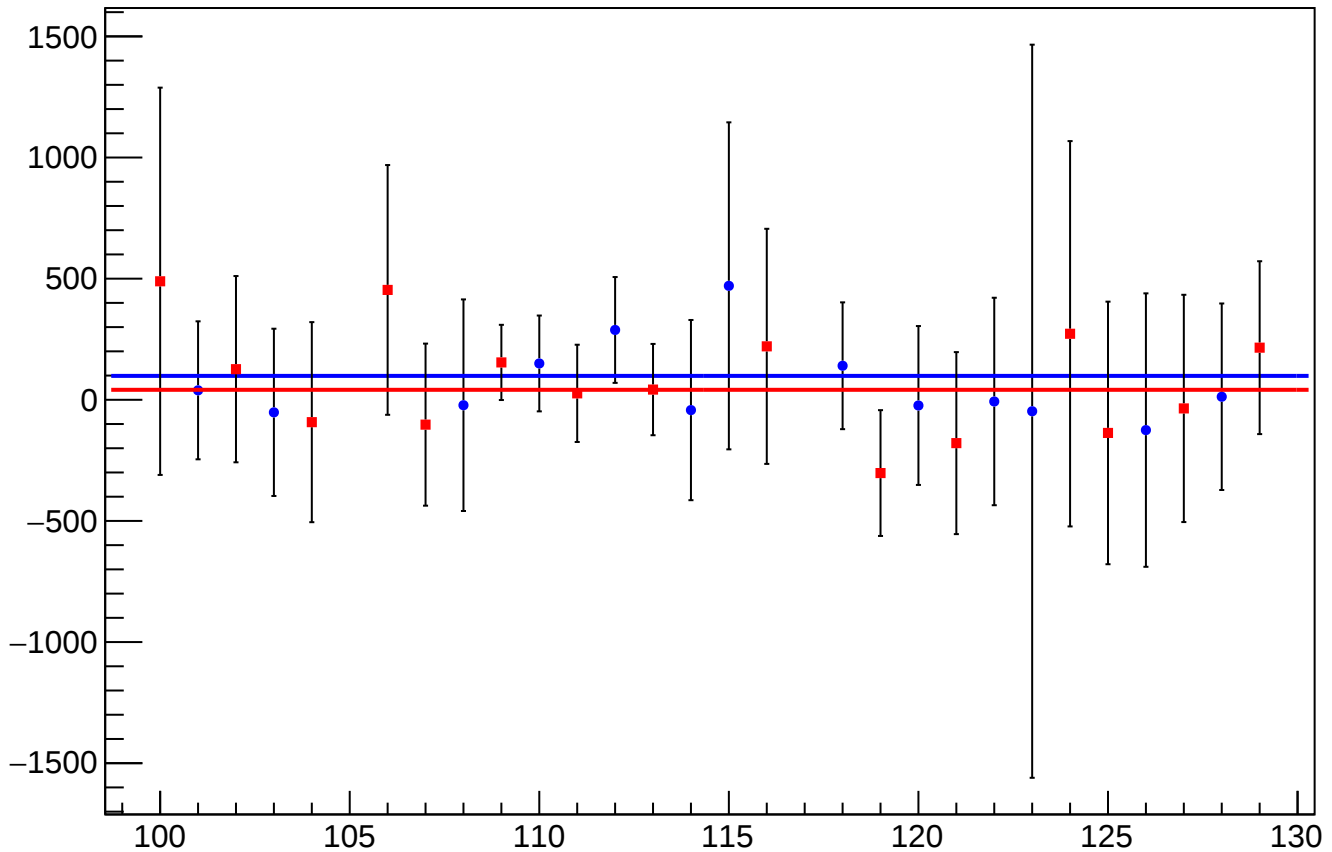
Right: 126.059+/-0.030 χ^2/NDF : 2683309.4/27

In: 127.654+/-0.046 χ^2/NDF : 1295574.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.059+/-0.030 χ^2/NDF : 2683309.4/27

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 98.678+/-90.685 χ^2/NDF : 2.0/12

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

Right Out: 41.205+/-77.859 χ^2/NDF : 4.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

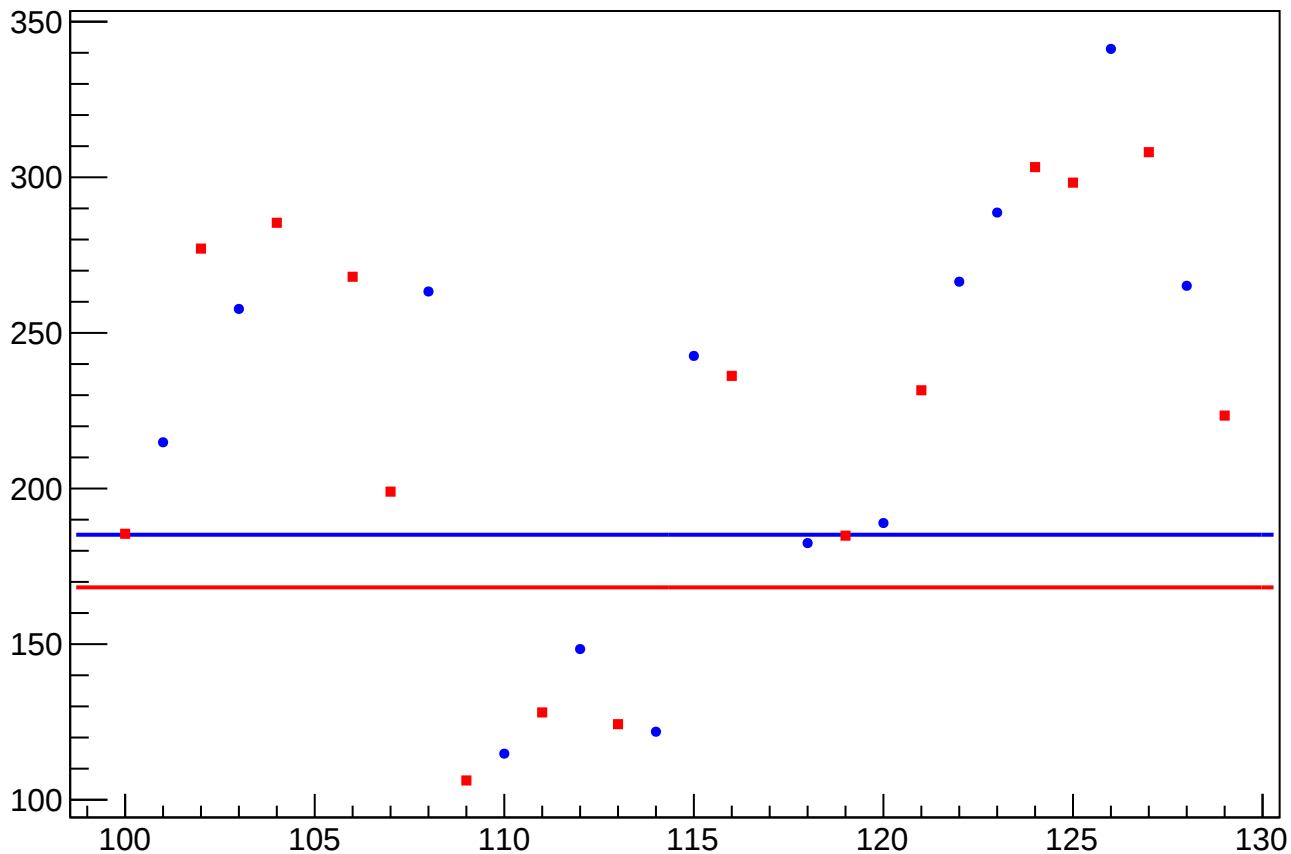
Right: 65.593+/-59.074 χ^2/NDF : 6.8/27

In: 98.678+/-90.685 χ^2/NDF : 2.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.593+/-59.074 χ^2/NDF : 6.8/27

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 185.156+/-0.064 χ^2/NDF : 877370.9/12

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

Right Out: 168.243+/-0.055 χ^2/NDF : 1425392.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

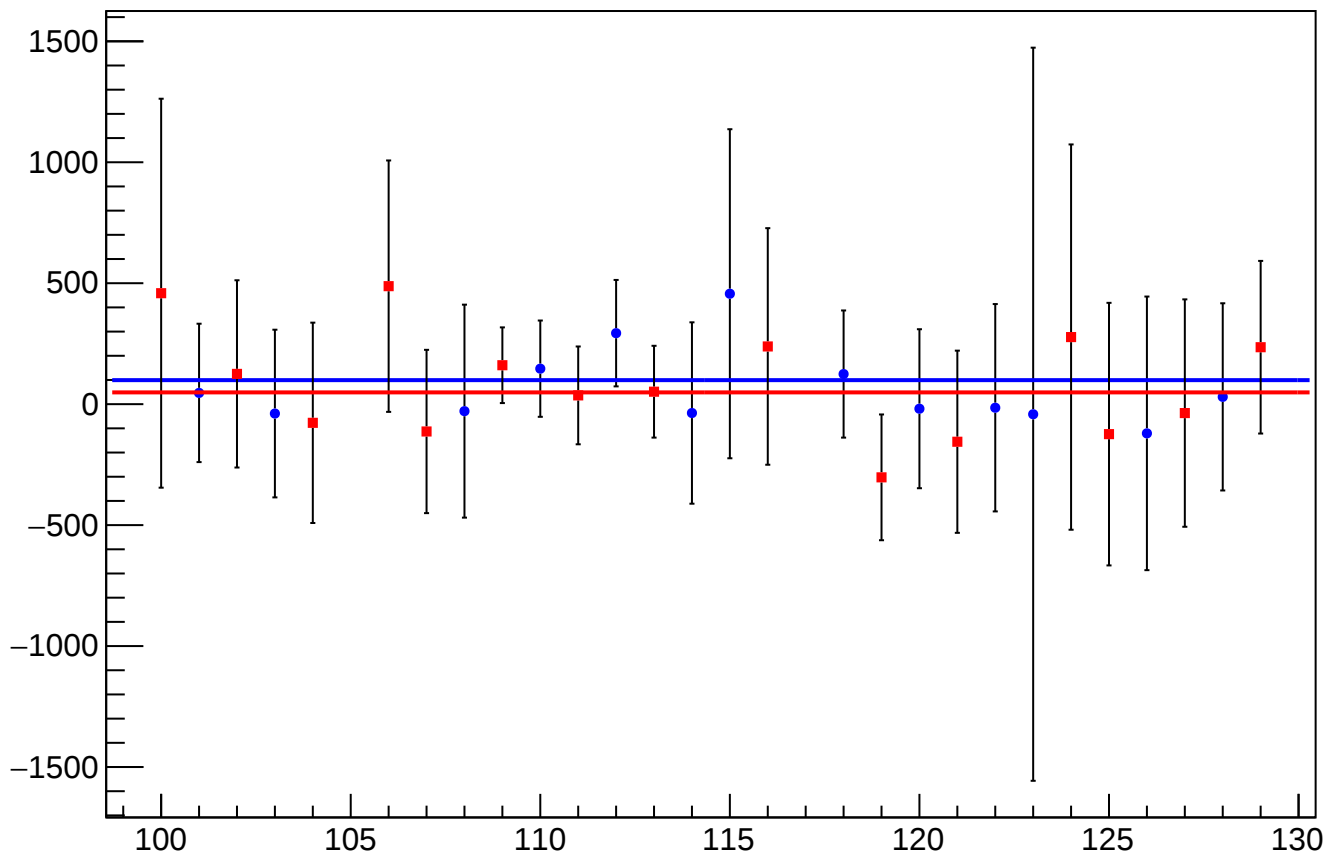
Right: 175.420+/-0.042 χ^2/NDF : 2342810.8/27

In: 185.156+/-0.064 χ^2/NDF : 877370.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.420+/-0.042 χ^2/NDF : 2342810.8/27

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 99.286+/-91.167 χ^2/NDF : 1.9/12

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

Right Out: 48.635+/-78.322 χ^2/NDF : 4.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

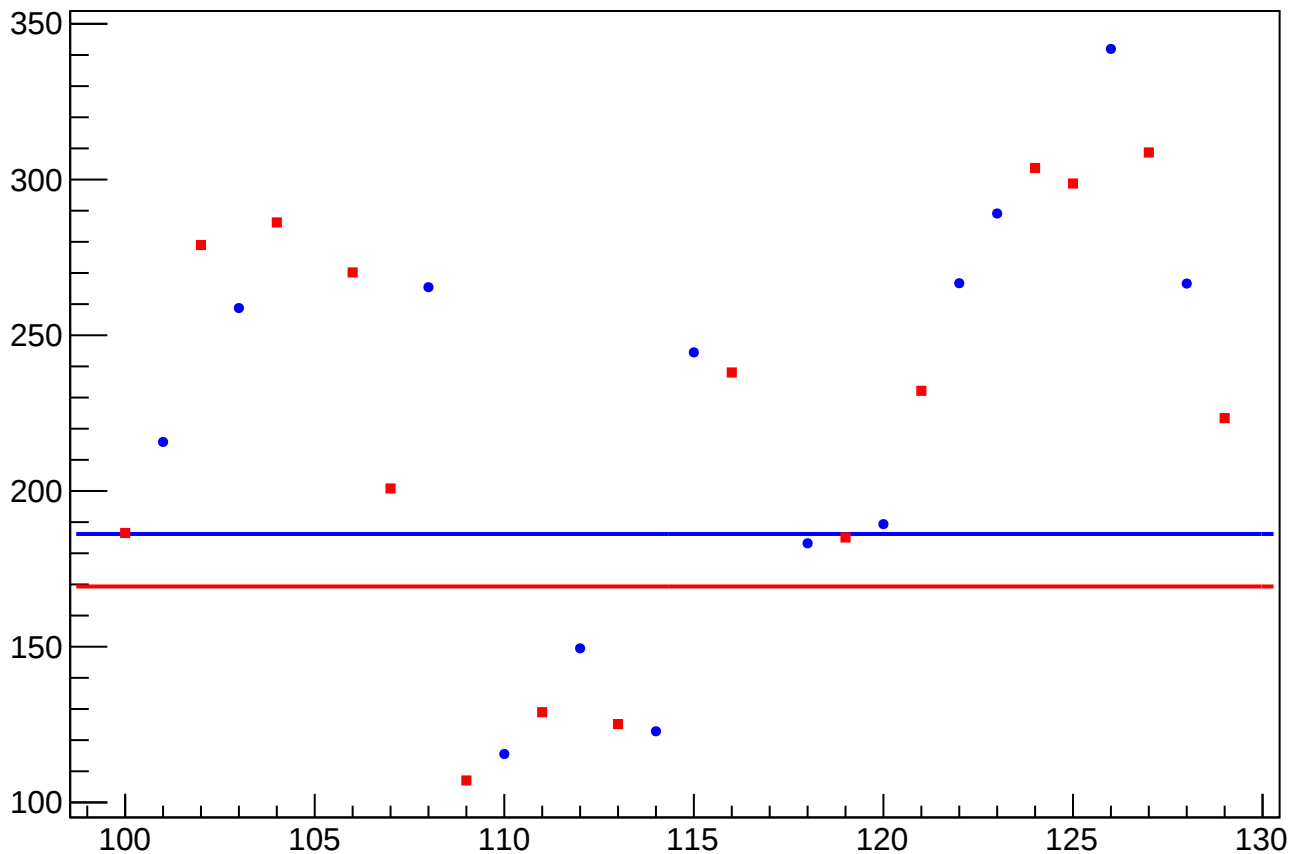
Right: 70.144+/-59.409 χ^2/NDF : 6.7/27

In: 99.286+/-91.167 χ^2/NDF : 1.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.144+/-59.409 χ^2/NDF : 6.7/27

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 186.198+/-0.064 χ^2/NDF : 871654.3/12

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

Right Out: 169.342+/-0.055 χ^2/NDF : 1413472.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

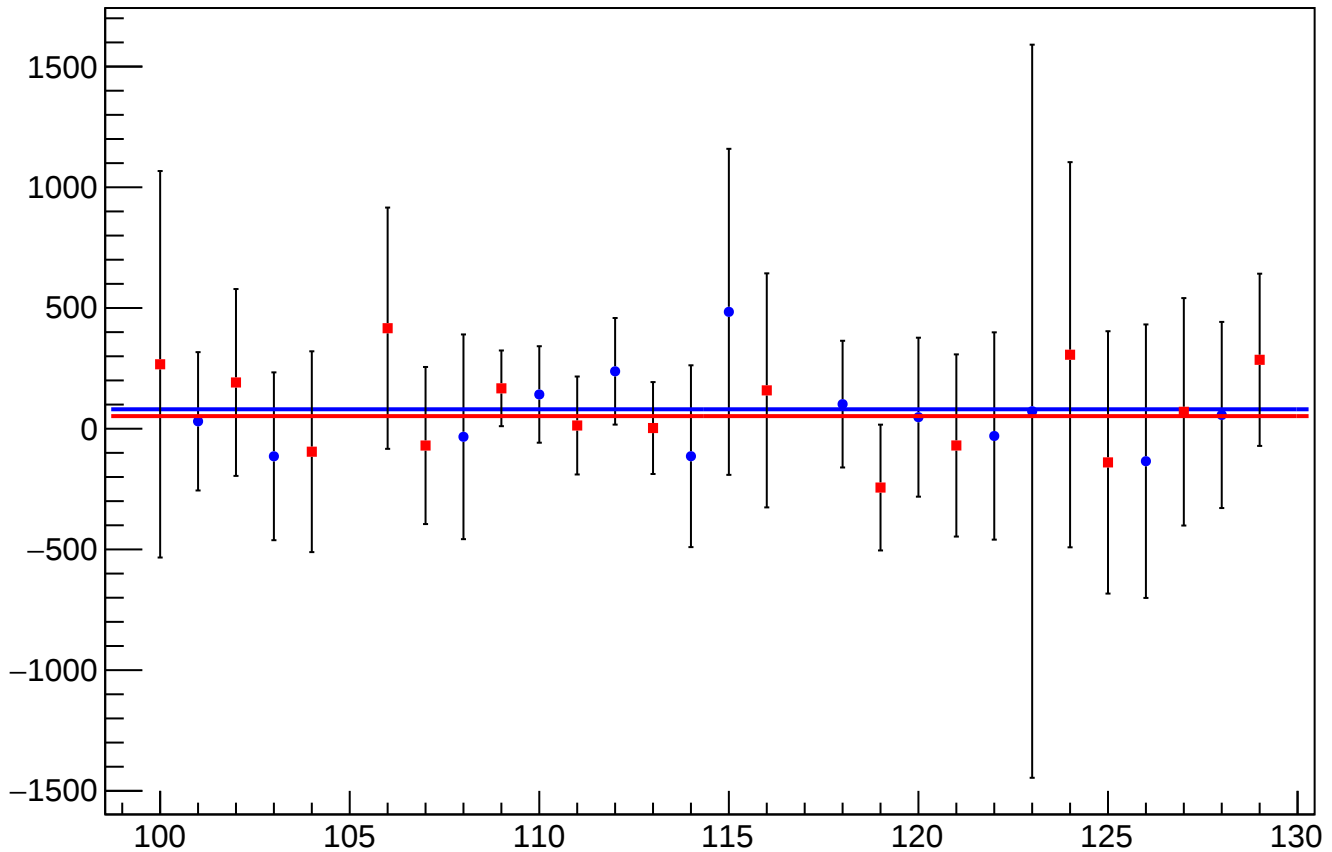
Right: 176.500+/-0.042 χ^2/NDF : 2324463.9/27

In: 186.198+/-0.064 χ^2/NDF : 871654.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.500+/-0.042 χ^2/NDF : 2324463.9/27

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 80.504+/-91.178 χ^2/NDF : 1.9/12

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

Right Out: 52.190+/-78.229 χ^2/NDF : 3.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

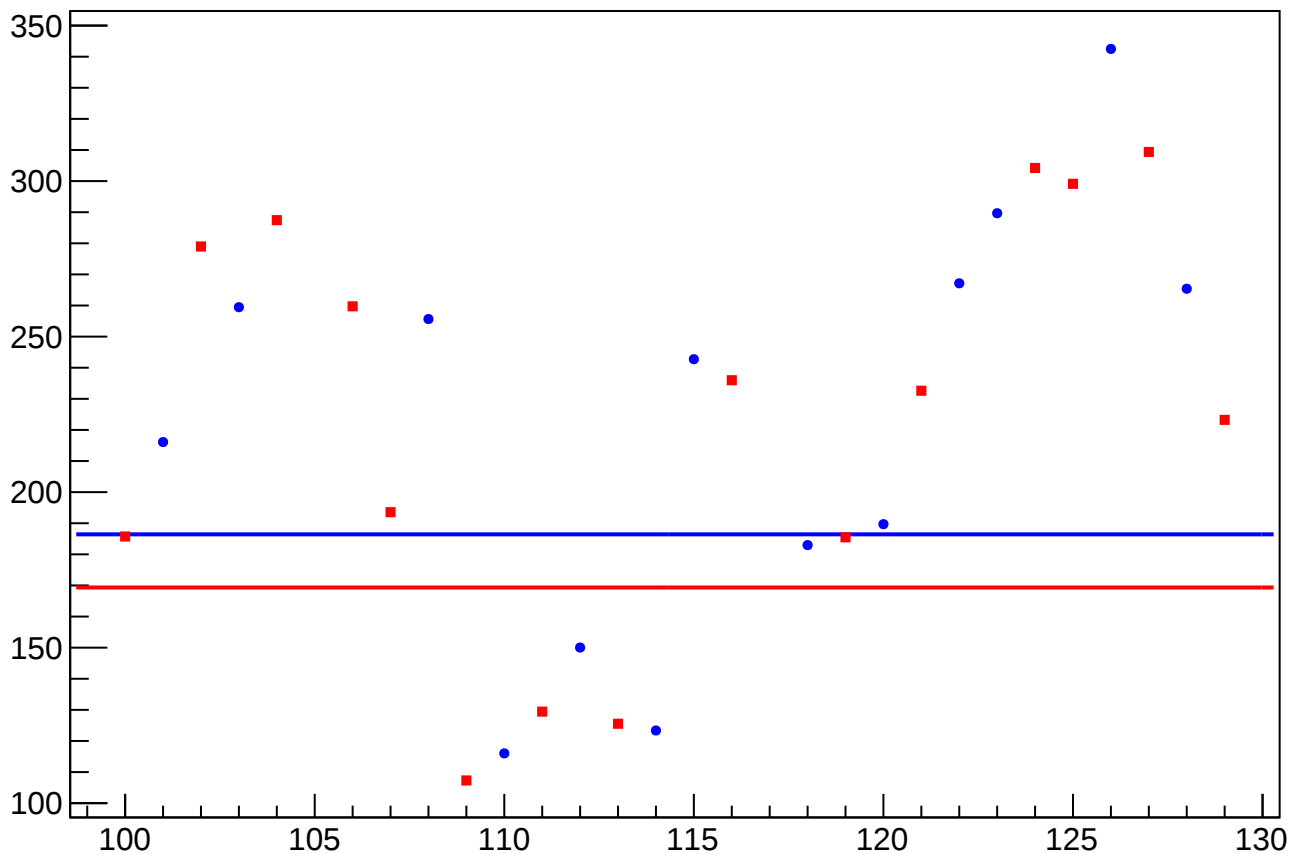
Right: 64.195+/-59.372 χ^2/NDF : 5.7/27

In: 80.504+/-91.178 χ^2/NDF : 1.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.195+/-59.372 χ^2/NDF : 5.7/27

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 186.432+/-0.064 χ^2/NDF : 852042.6/12

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

Right Out: 169.345+/-0.055 χ^2/NDF : 1390995.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

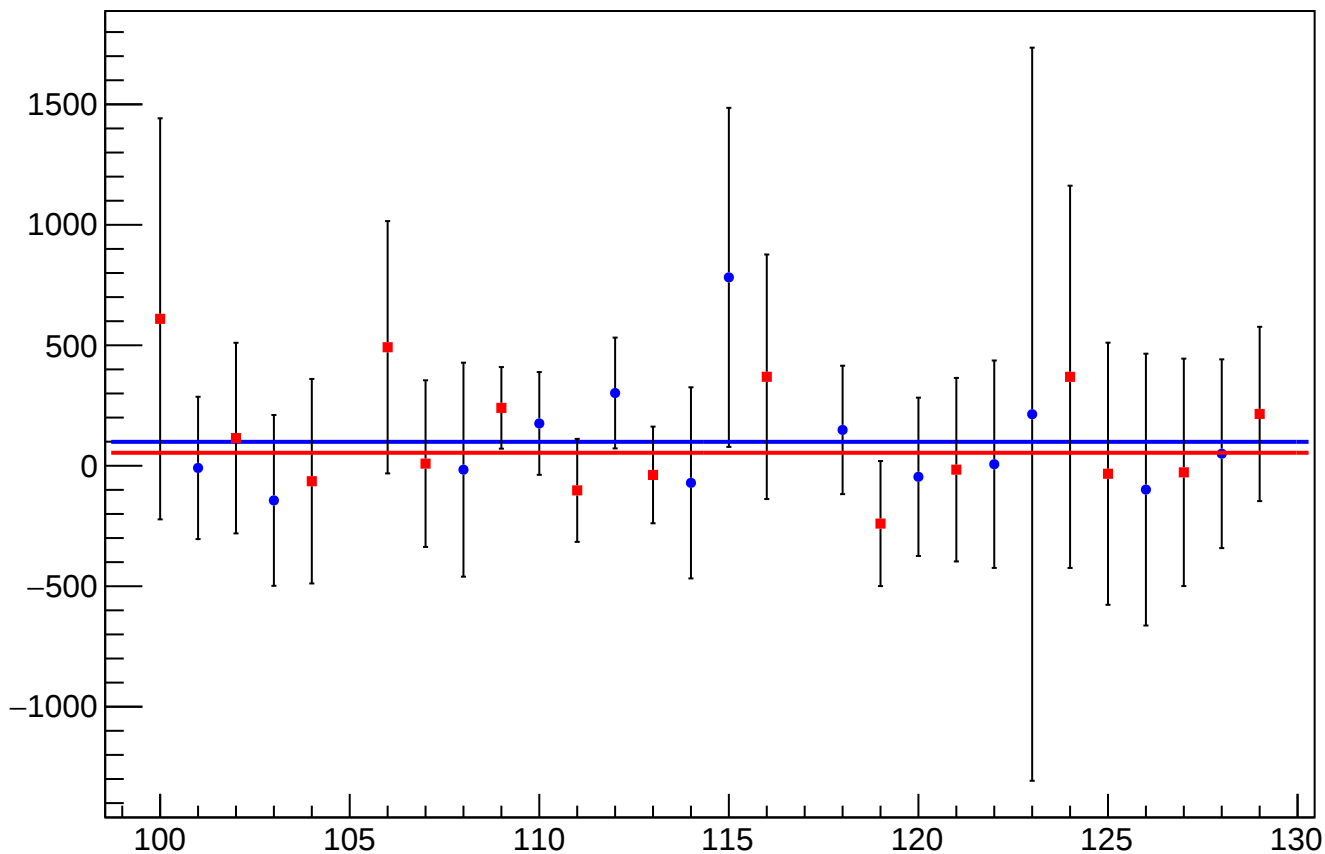
Right: 176.590+/-0.042 χ^2/NDF : 2283491.6/27

In: 186.432+/-0.064 χ^2/NDF : 852042.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.590+/-0.042 χ^2/NDF : 2283491.6/27

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 99.329+/-94.232 χ^2/NDF : 3.1/12

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

Right Out: 53.954+/-81.725 χ^2/NDF : 5.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

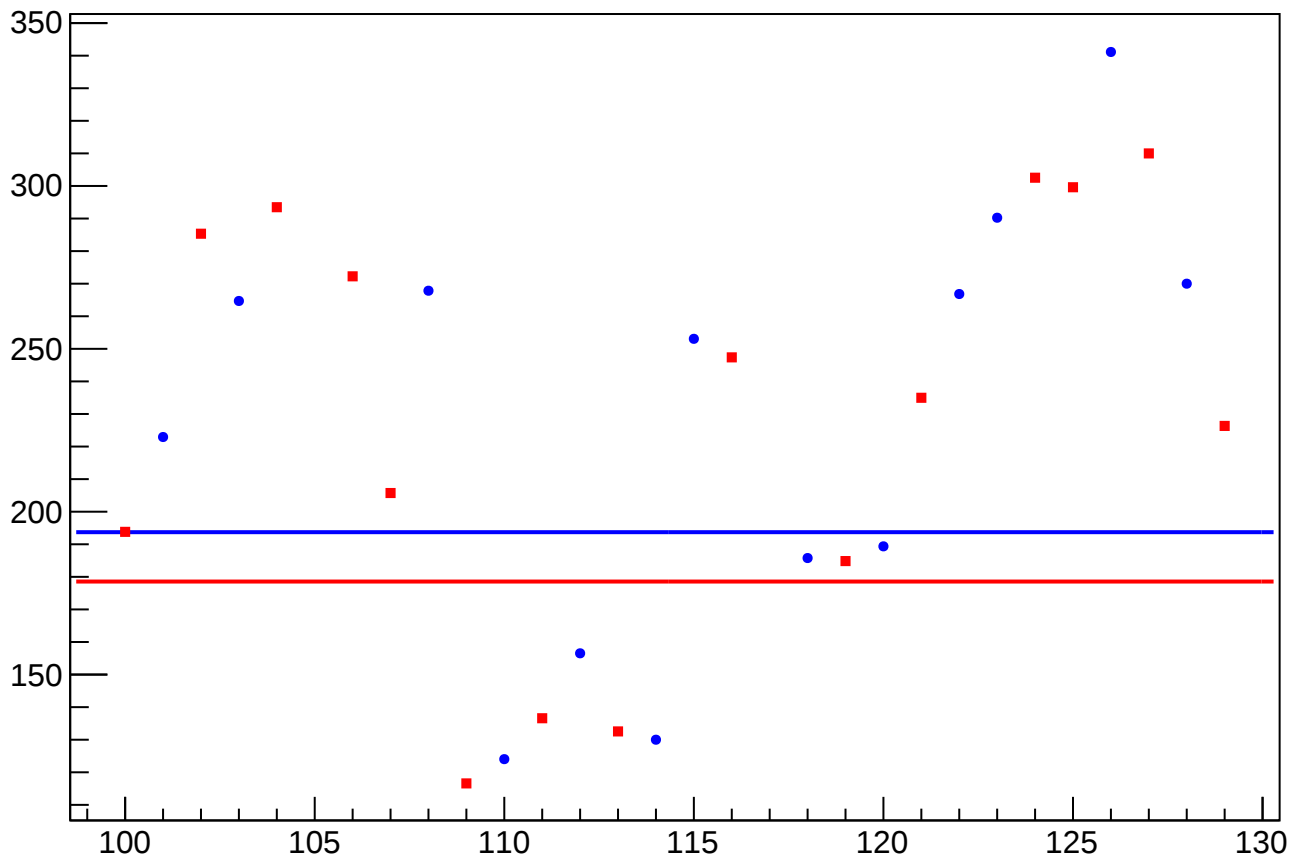
Right: 73.432+/-61.740 χ^2/NDF : 8.6/27

In: 99.329+/-94.232 χ^2/NDF : 3.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.432+/-61.740 χ^2/NDF : 8.6/27

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 193.712 $\pm$ 0.067 χ^2 /NDF: 767556.1/12

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

Right Out: 178.559 $\pm$ 0.058 χ^2 /NDF: 1239259.0/14

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

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

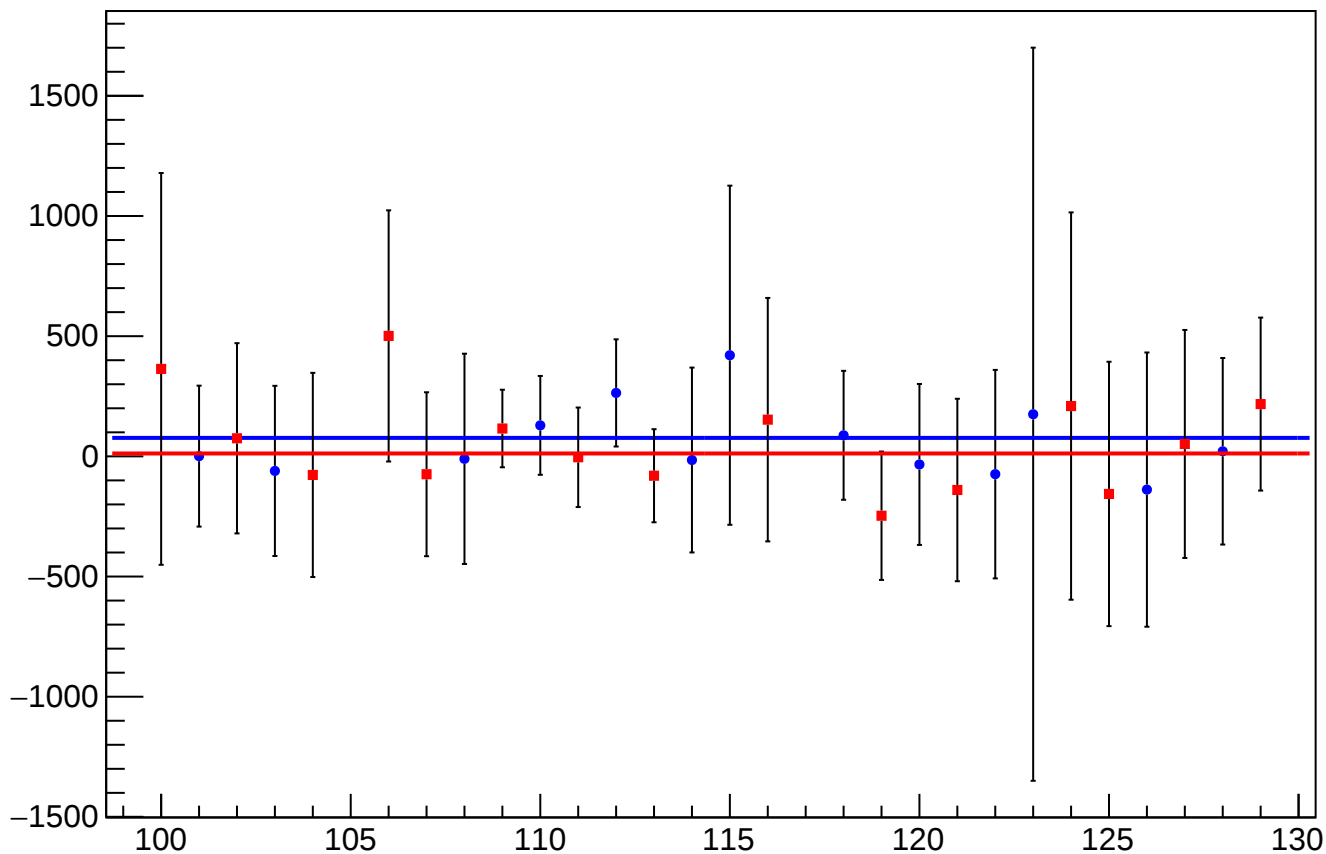
Right: 185.064 $\pm$ 0.044 χ^2 /NDF: 2036332.1/27

In: 193.712 $\pm$ 0.067 χ^2 /NDF:767556.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 185.064 $\pm$ 0.044 χ^2 /NDF: 2036332.1/27

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 76.864+/-92.981 χ^2/NDF : 1.7/12

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

Right Out: 12.064+/-80.067 χ^2/NDF : 3.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

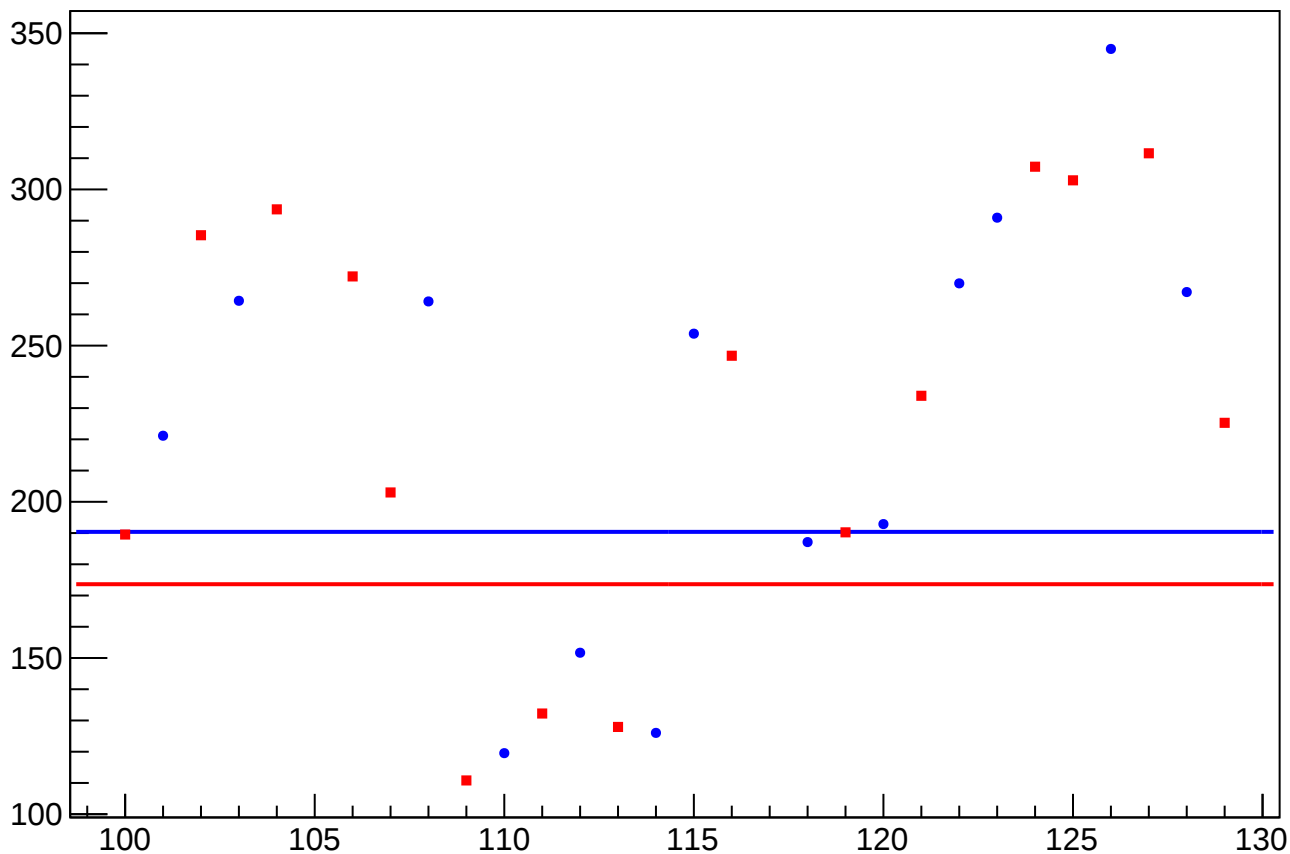
Right: 39.655+/-60.672 χ^2/NDF : 5.5/27

In: 76.864+/-92.981 χ^2/NDF :1.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 39.655+/-60.672 χ^2/NDF : 5.5/27

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 190.378+/-0.066 χ^2/NDF : 837567.7/12

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

Right Out: 173.622+/-0.057 χ^2/NDF : 1376174.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

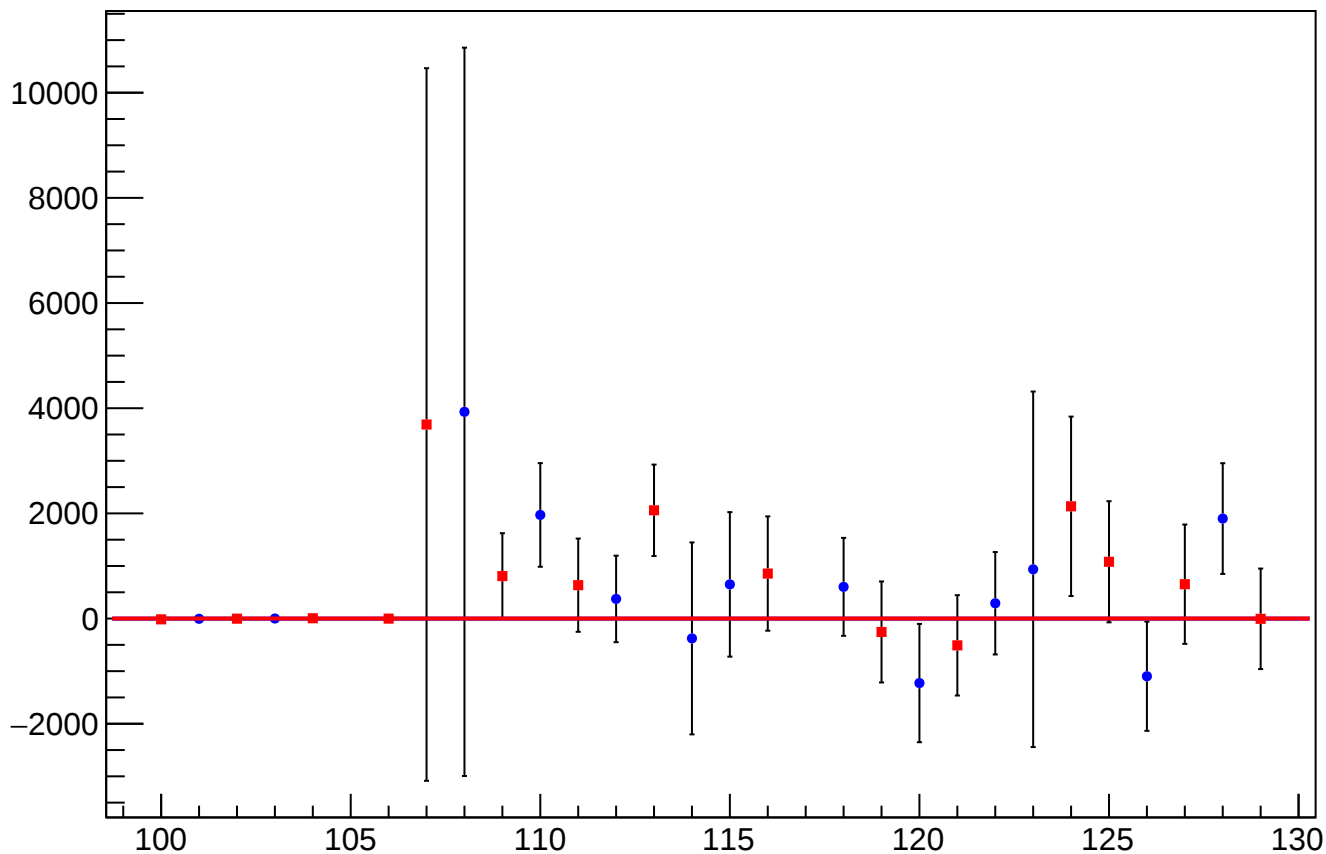
Right: 180.756+/-0.043 χ^2/NDF : 2251038.6/27

In: 190.378+/-0.066 χ^2/NDF : 837567.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.756+/-0.043 χ^2/NDF : 2251038.6/27

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.501 ± 2.251 χ^2/NDF : 12.3/12

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

Right Out: 0.742 ± 2.111 χ^2/NDF : 17.1/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

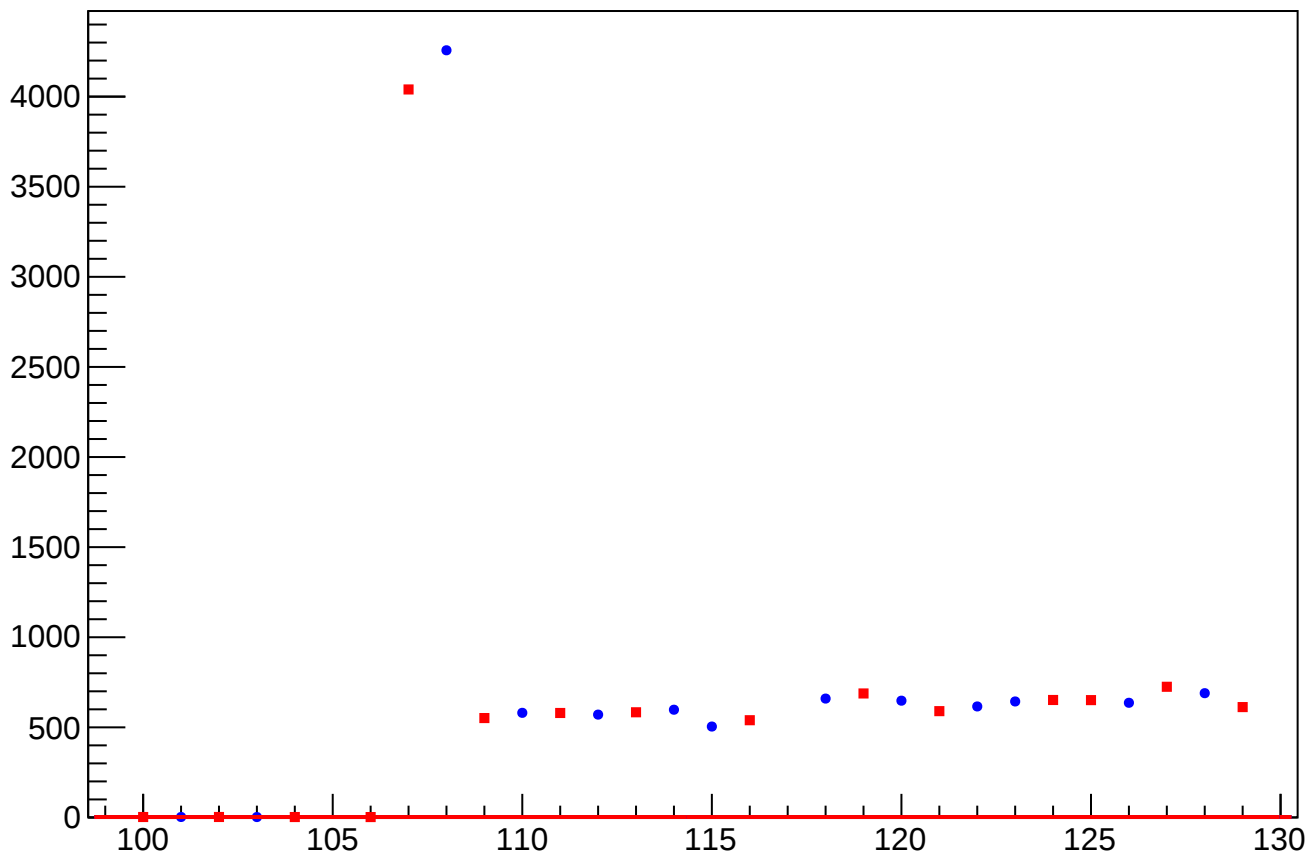
Right: -0.308 ± 1.540 χ^2/NDF : 29.9/27

In: -1.501 ± 2.251 χ^2/NDF : 12.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.308 ± 1.540 χ^2/NDF : 29.9/27

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.436+/-0.002 χ^2/NDF : 7009948.0/12

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

Right Out: 2.423+/-0.001 χ^2/NDF : 8187246.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

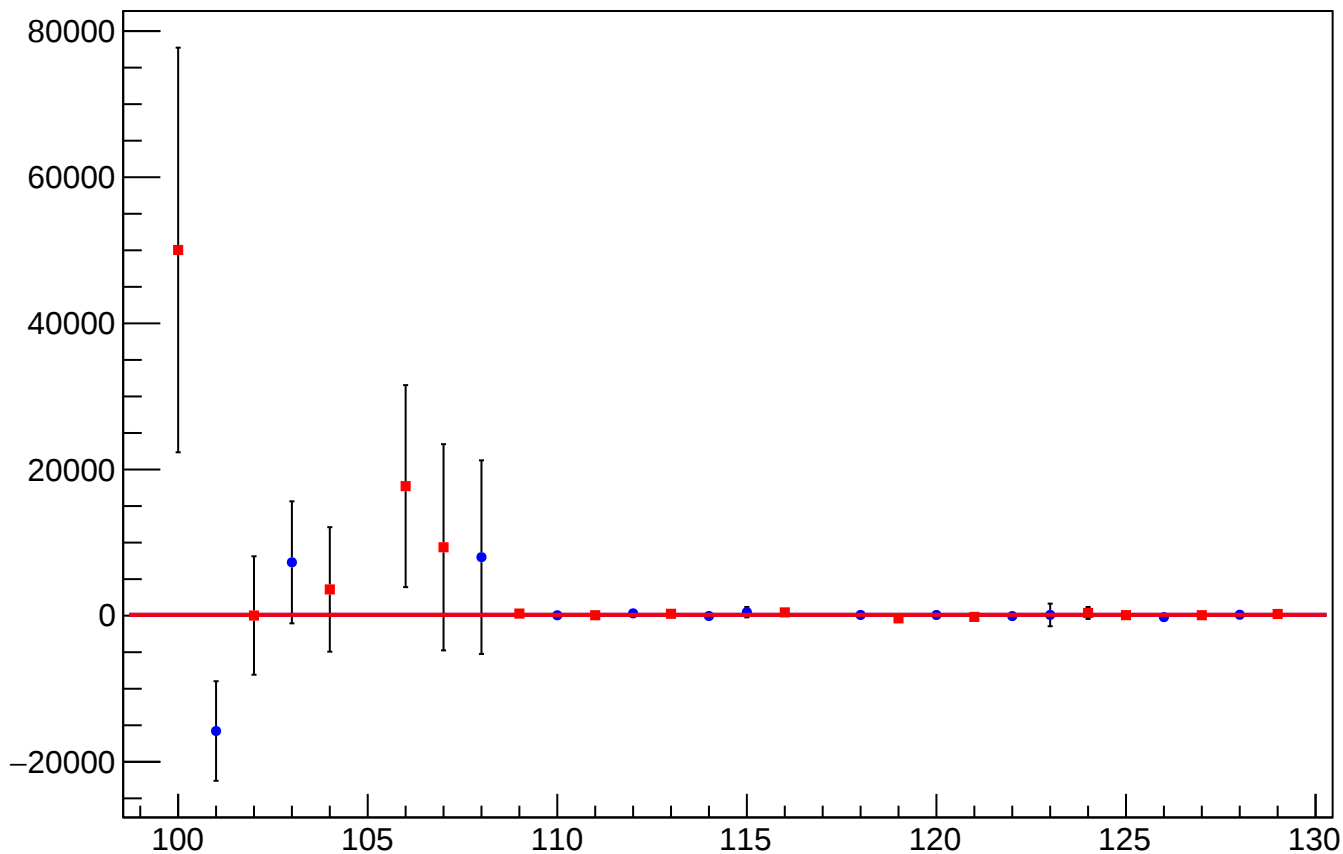
Right: 2.429+/-0.001 χ^2/NDF : 15197230.3/27

In: 2.436+/-0.002 χ^2/NDF : 7009948.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.429+/-0.001 χ^2/NDF : 15197230.3/27

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 113.179+/-107.714 χ^2/NDF : 8.3/12

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

Right Out: 117.382+/-97.384 χ^2/NDF : 10.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

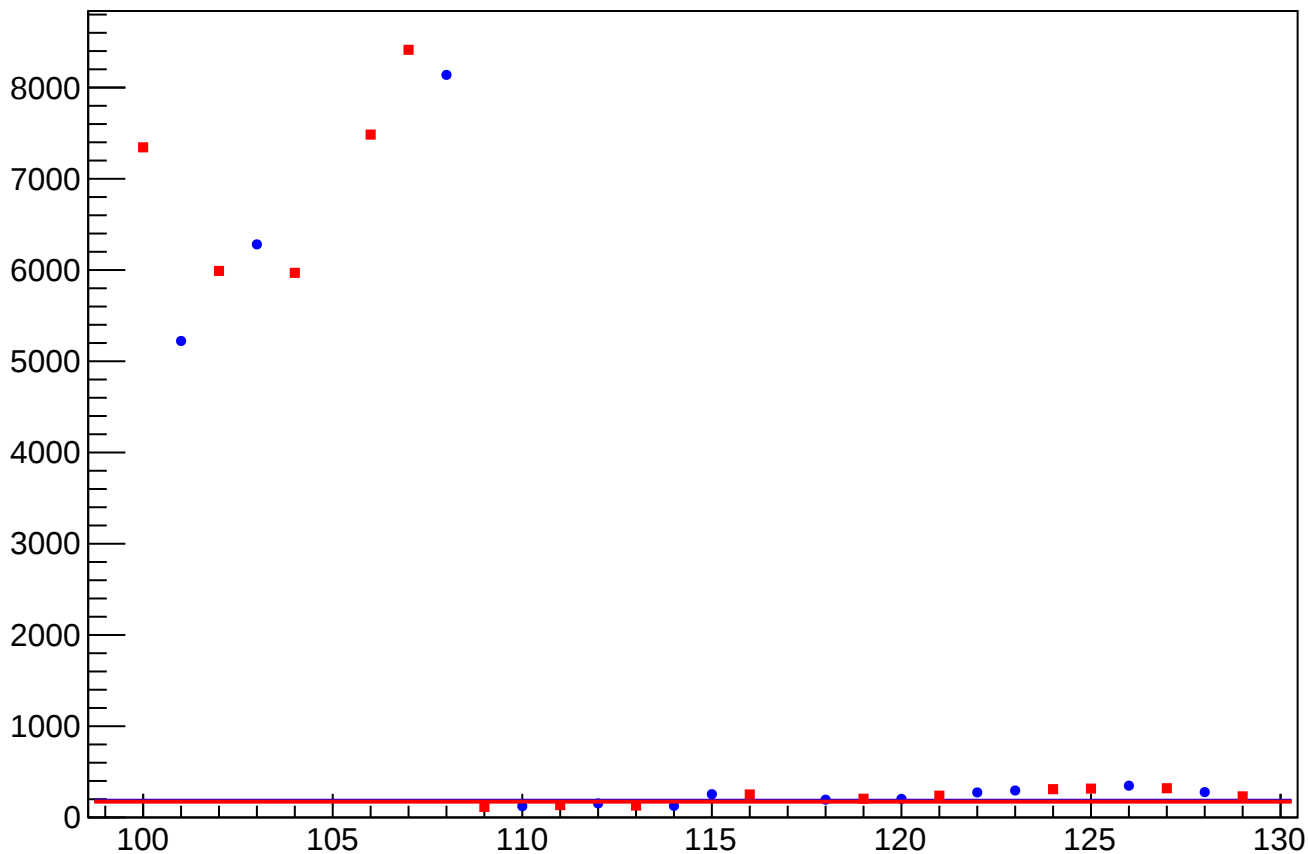
Right: 115.492+/-72.237 χ^2/NDF : 19.0/27

In: 113.179+/-107.714 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.492+/-72.237 χ^2/NDF : 19.0/27

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 183.302+/-0.076 χ^2/NDF : 3518372.9/12

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

Right Out: 173.395+/-0.069 χ^2/NDF : 4158143.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

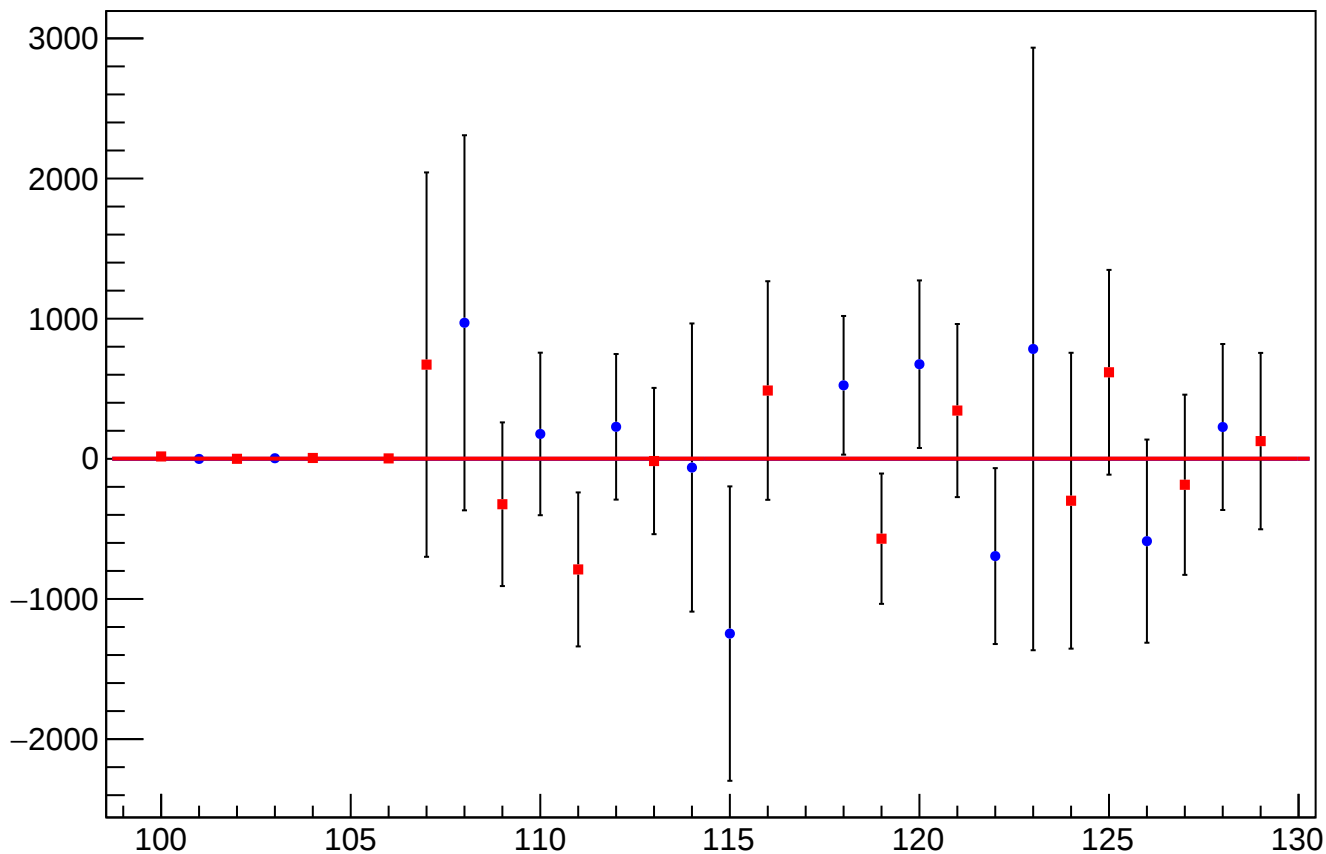
Right: 177.851+/-0.051 χ^2/NDF : 7685825.8/27

In: 183.302+/-0.076 χ^2/NDF : 3518372.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.851+/-0.051 χ^2/NDF : 7685825.8/27

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.152 ± 1.737 $\chi^2/\text{NDF}: 7.6/12$

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

Right Out: 1.325 ± 1.623 $\chi^2/\text{NDF}: 8.5/14$

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

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

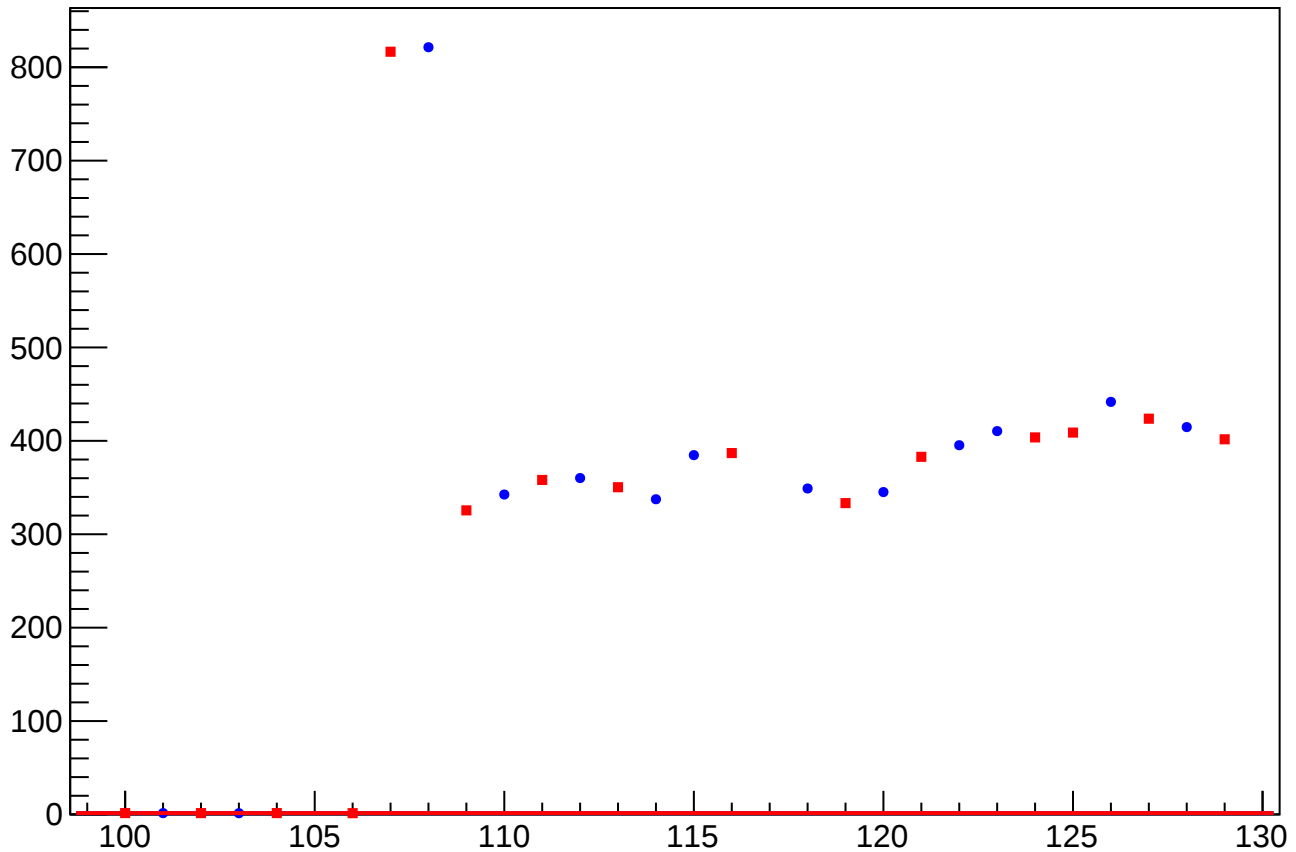
Right: 0.637 ± 1.186 $\chi^2/\text{NDF}: 16.5/27$

In: -0.152 ± 1.737 $\chi^2/\text{NDF}: 7.6/12$

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

All: 0.637 ± 1.186 $\chi^2/\text{NDF}: 16.5/27$

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.438+/-0.001 χ^2/NDF : 7098167.0/12

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

Right Out: 1.441+/-0.001 χ^2/NDF : 7915533.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

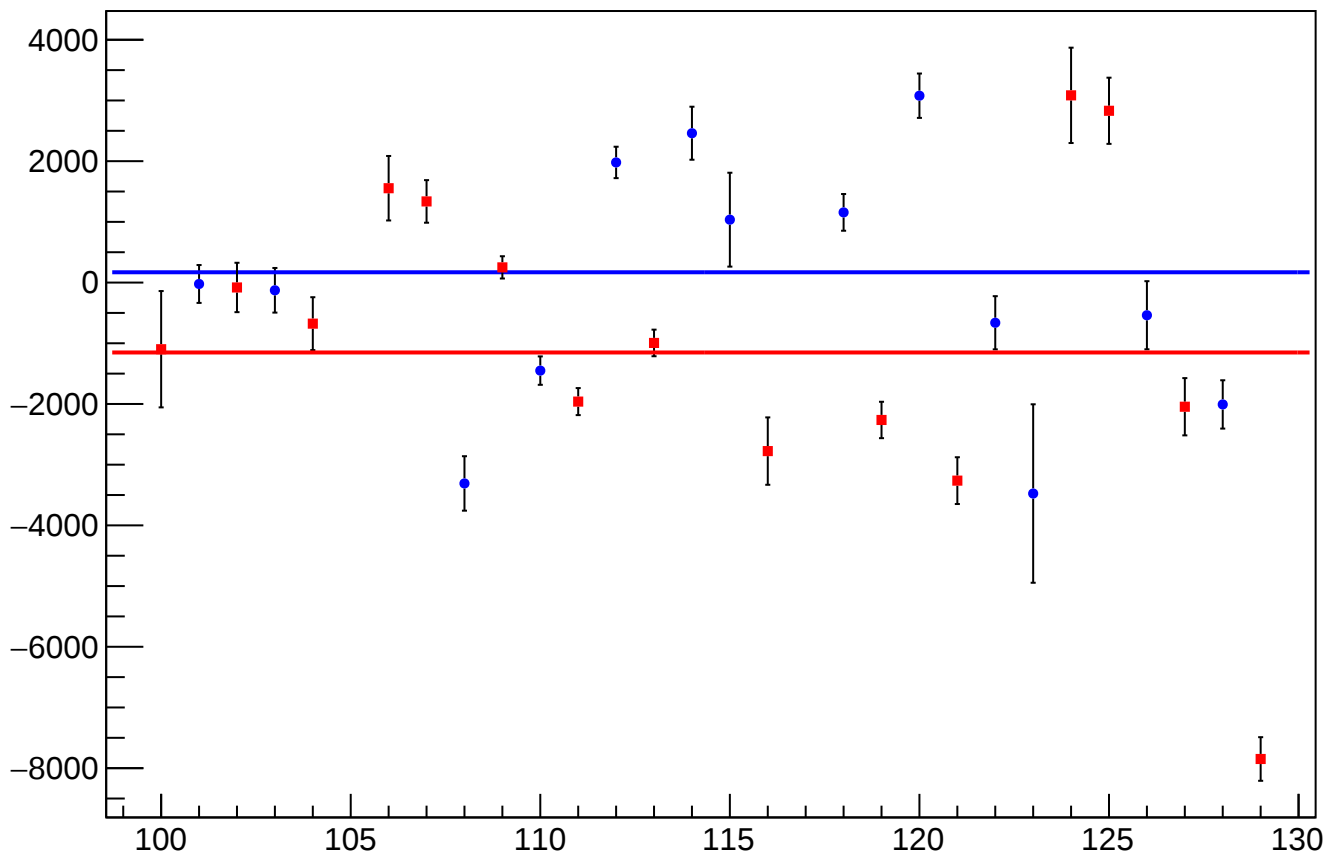
Right: 1.440+/-0.001 χ^2/NDF : 15013703.2/27

In: 1.438+/-0.001 χ^2/NDF : 7098167.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.440+/-0.001 χ^2/NDF : 15013703.2/27

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 169.688+/-101.876 χ^2/NDF : 302.1/12

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

Right Out: -1151.682+/-86.665 χ^2/NDF : 642.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

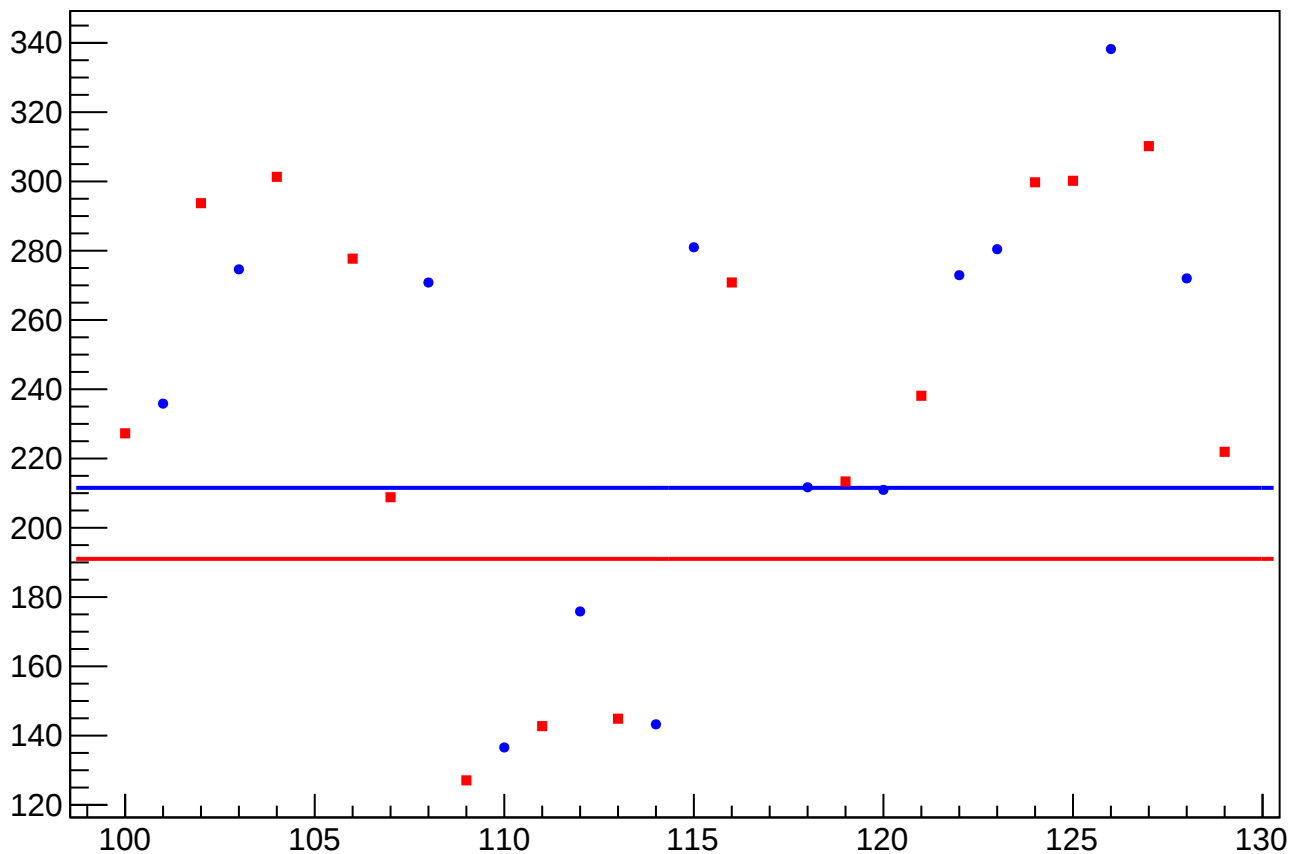
Right: -596.917+/-66.011 χ^2/NDF : 1042.0/27

In: 169.688+/-101.876 χ^2/NDF : 302.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -596.917+/-66.011 χ^2/NDF : 1042.0/27

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 211.533+/-0.072 χ^2/NDF : 606203.6/12

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

Right Out: 191.029+/-0.061 χ^2/NDF : 1086261.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

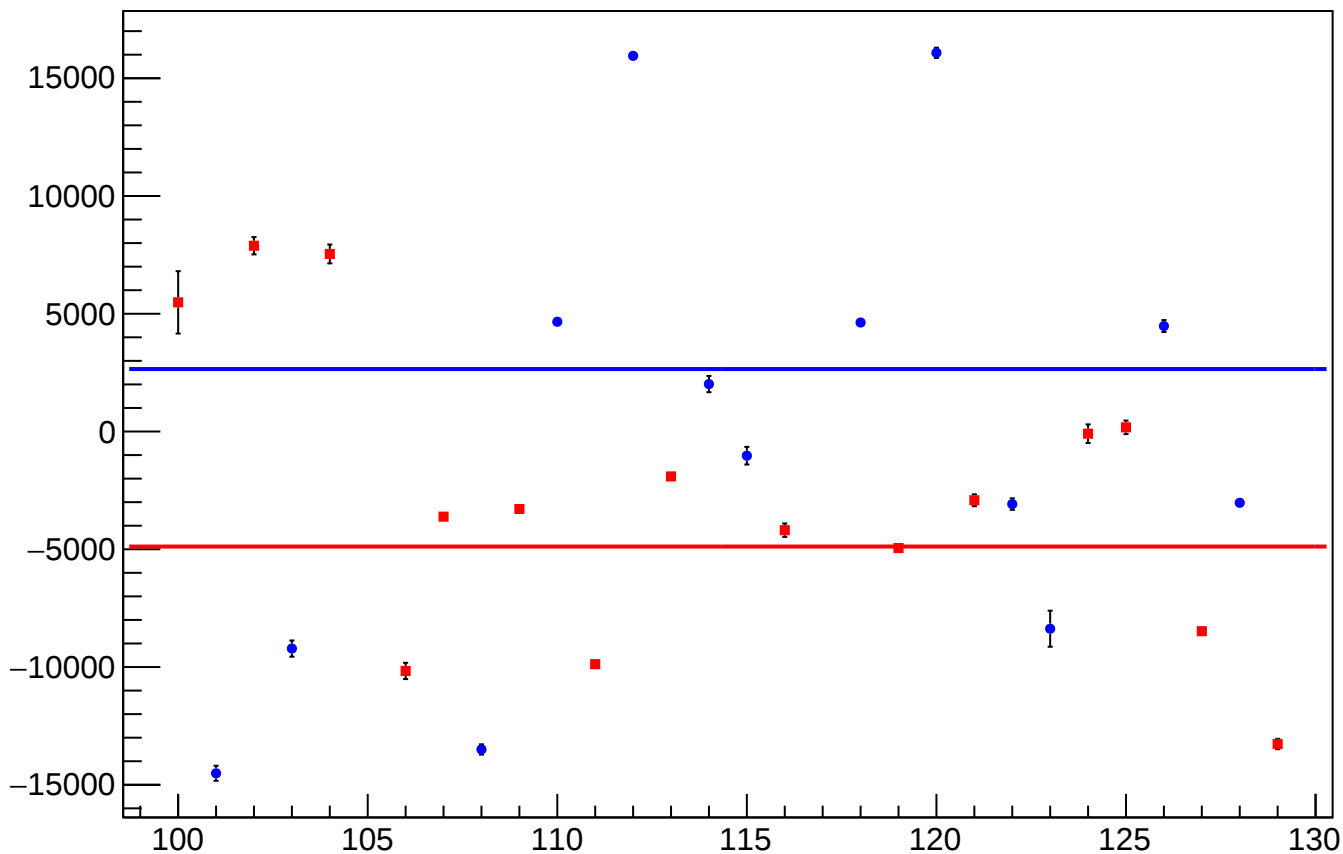
Right: 199.637+/-0.047 χ^2/NDF : 1739466.4/27

In: 211.533+/-0.072 χ^2/NDF : 606203.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 199.637+/-0.047 χ^2/NDF : 1739466.4/27

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 2652.070+/-64.774 χ^2/NDF : 21266.0/12

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

Right Out: -4883.892+/-59.363 χ^2/NDF : 6227.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

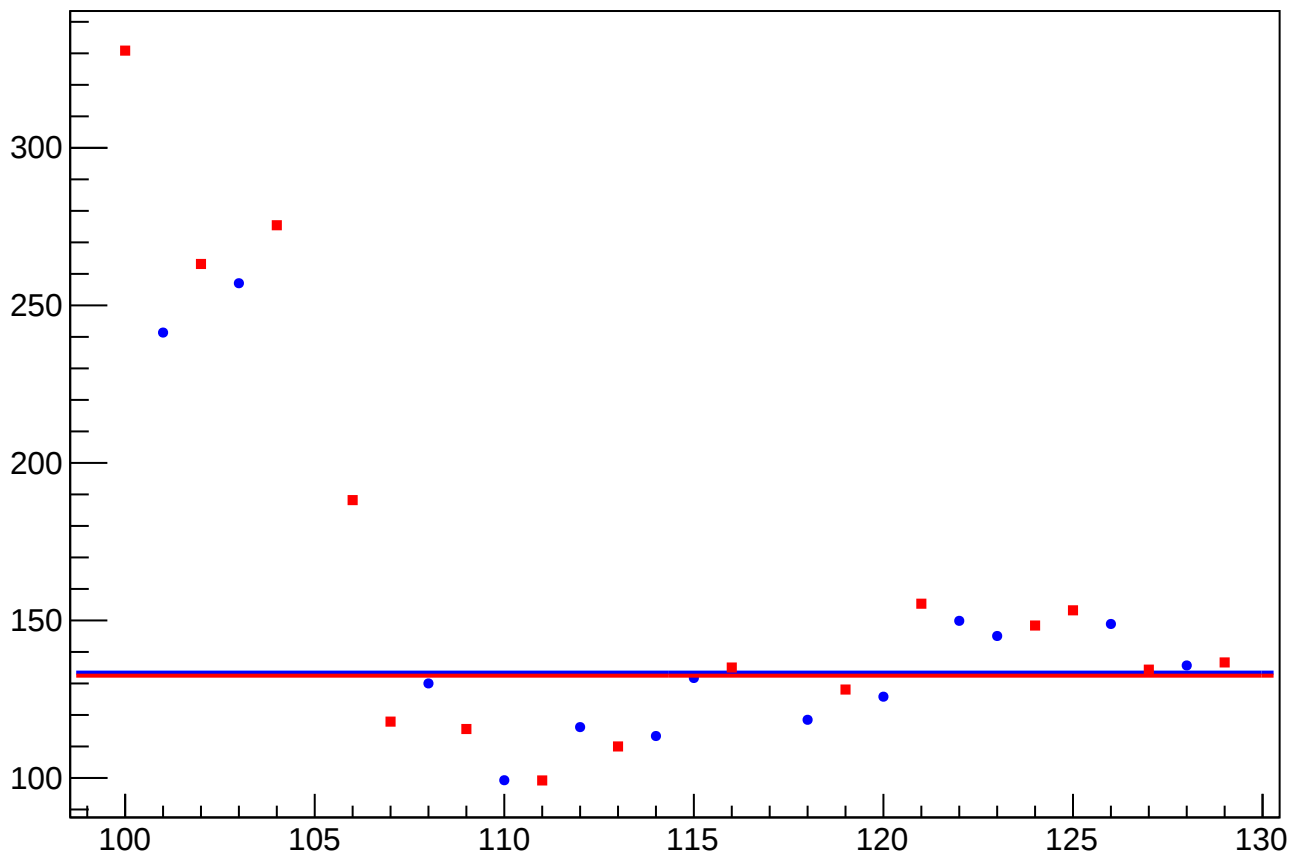
Right: -1443.742+/-43.764 χ^2/NDF : 34850.0/27

In: 2652.070+/-64.774 χ^2/NDF : 21266.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1443.742+/-43.764 χ^2/NDF : 34850.0/27

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 133.444+/-0.046 χ^2/NDF : 628790.9/12

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

Right Out: 132.470+/-0.042 χ^2/NDF : 796629.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

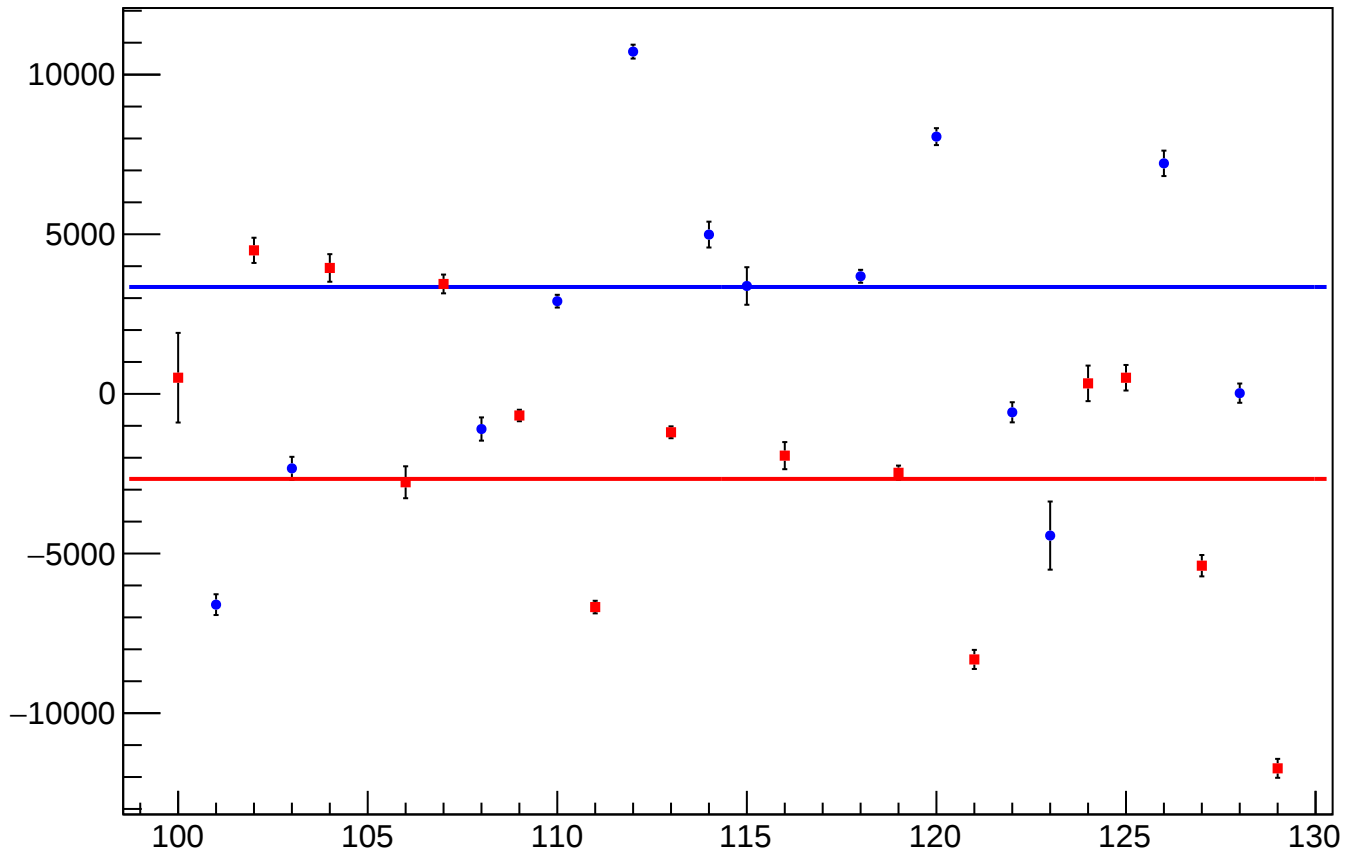
Right: 132.915+/-0.031 χ^2/NDF : 1425665.7/27

In: 133.444+/-0.046 χ^2/NDF : 628790.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.915+/-0.031 χ^2/NDF : 1425665.7/27

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 3348.545+/-82.581 χ^2/NDF : 3240.0/12

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

Right Out: -2662.887+/-74.627 χ^2/NDF : 3051.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

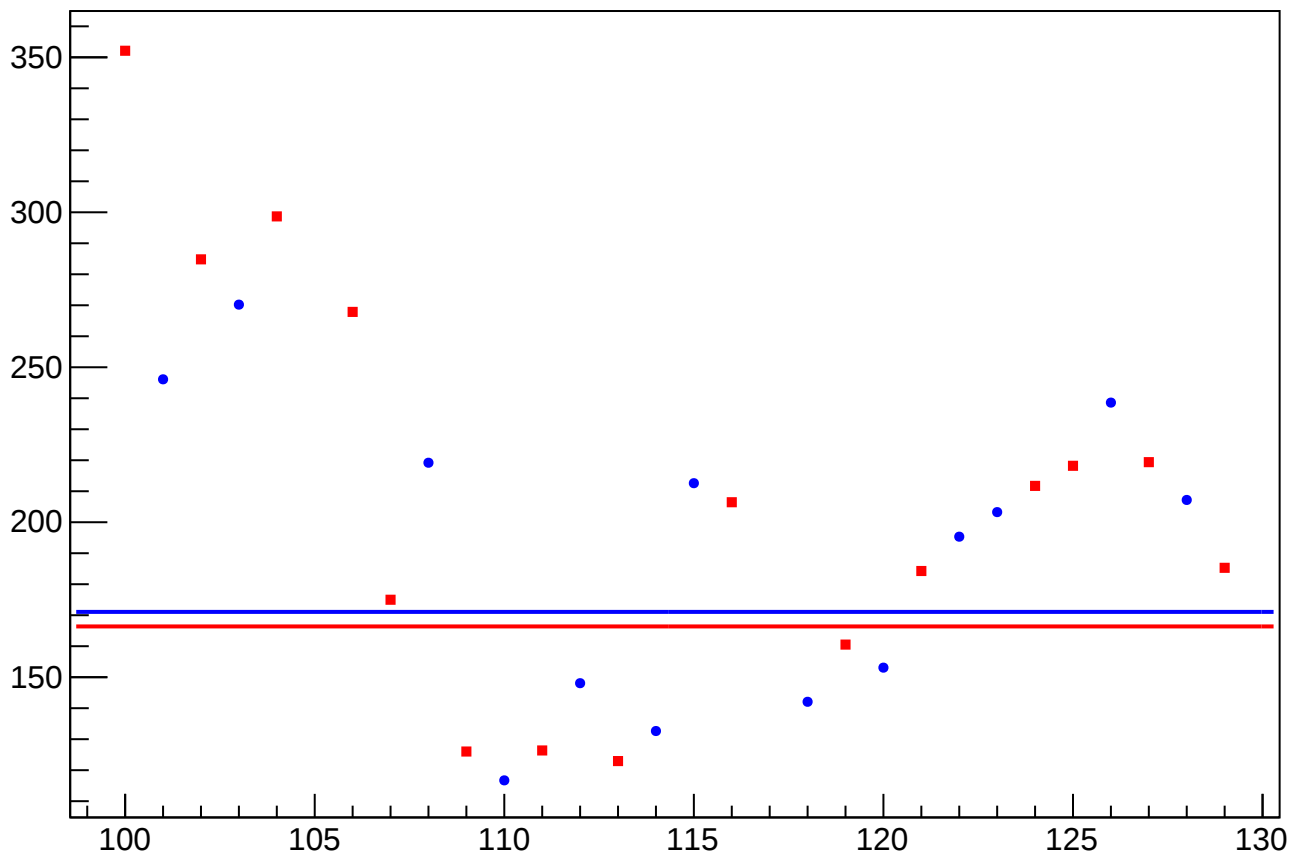
Right: 39.450+/-55.368 χ^2/NDF : 9208.5/27

In: 3348.545+/-82.581 χ^2/NDF :3240.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 39.450+/-55.368 χ^2/NDF : 9208.5/27

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 171.072 ± 0.058 χ^2/NDF : 640342.8/12

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

Right Out: 166.380 ± 0.053 χ^2/NDF : 910248.6/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

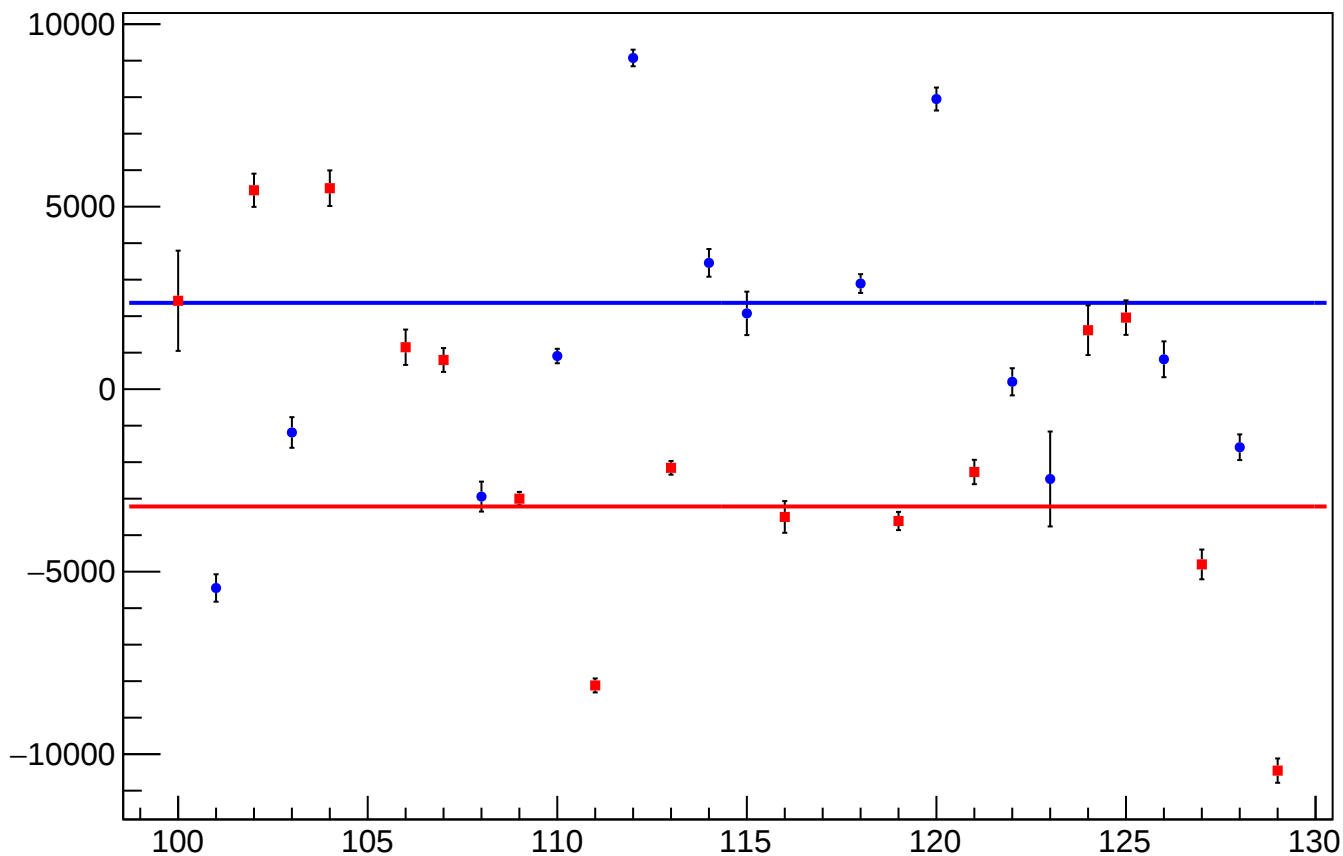
Right: 168.489 ± 0.039 χ^2/NDF : 1554144.7/27

In: 171.072 ± 0.058 χ^2/NDF : 640342.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 168.489 ± 0.039 χ^2/NDF : 1554144.7/27

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 2365.003+/-91.838 χ^2/NDF : 2107.7/12

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

Right Out: -3214.199+/-79.072 χ^2/NDF : 2287.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

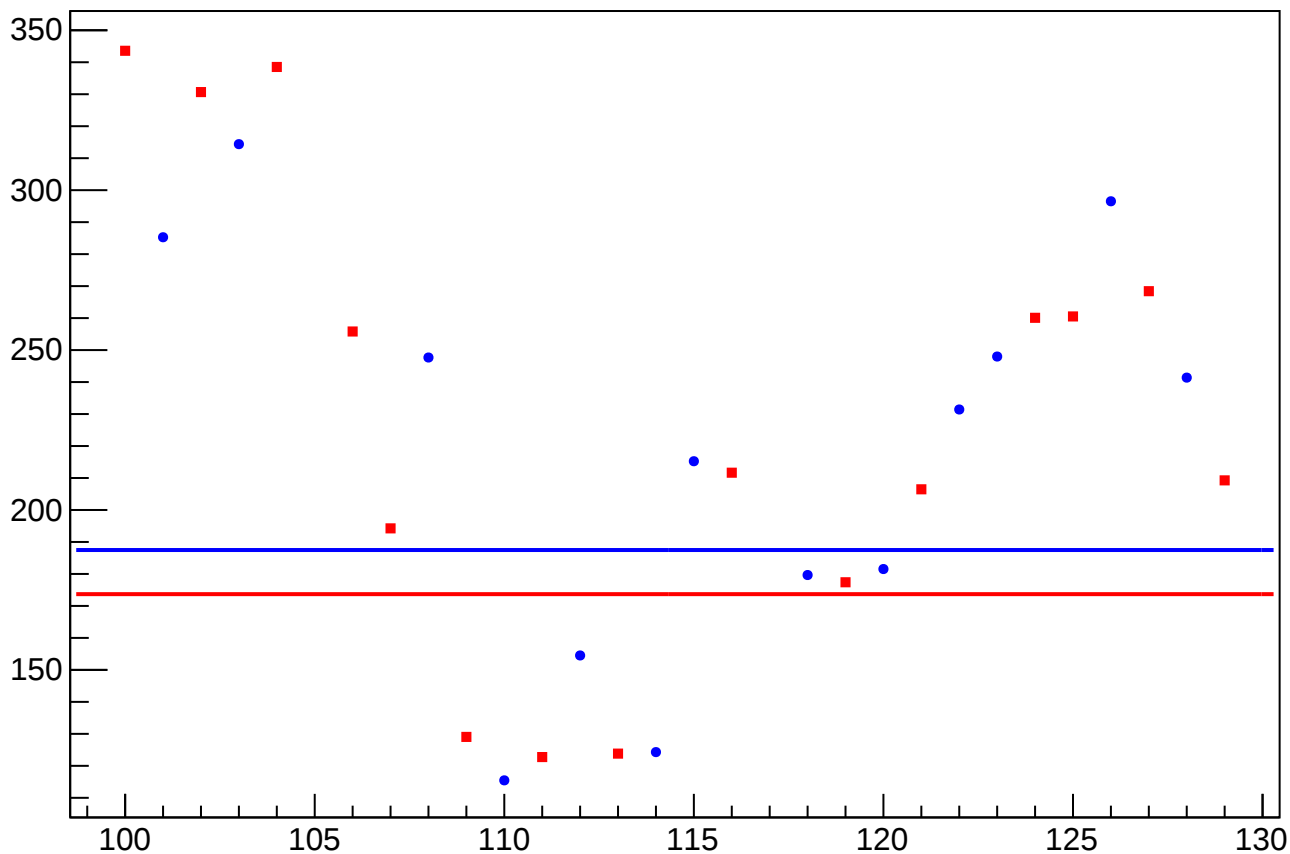
Right: -839.010+/-59.922 χ^2/NDF : 6514.6/27

In: 2365.003+/-91.838 χ^2/NDF :2107.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -839.010+/-59.922 χ^2/NDF : 6514.6/27

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 187.481+/-0.065 χ^2/NDF : 907931.9/12

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

Right Out: 173.683+/-0.056 χ^2/NDF : 1226860.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

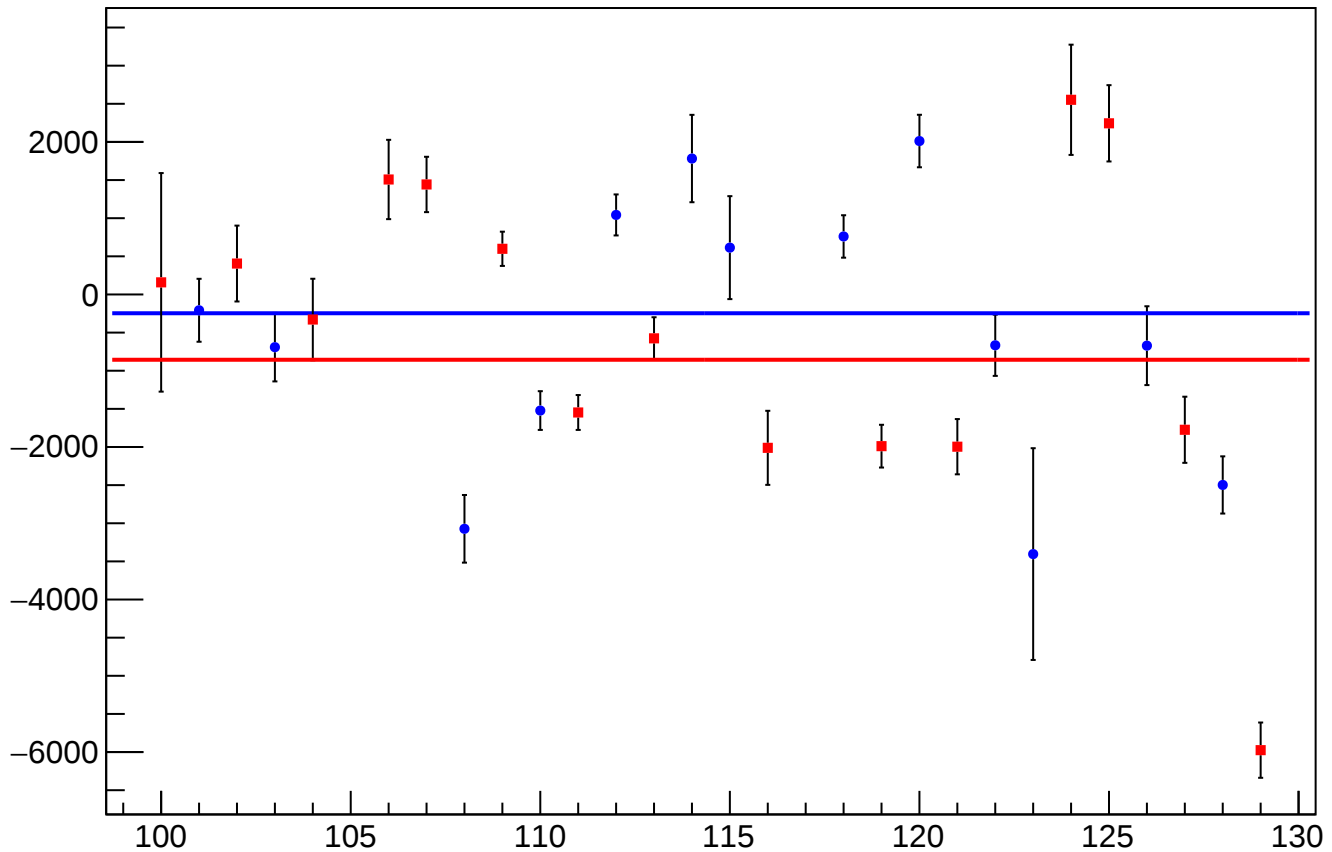
Right: 179.557+/-0.042 χ^2/NDF : 2160715.9/27

In: 187.481+/-0.065 χ^2/NDF : 907931.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.557+/-0.042 χ^2/NDF : 2160715.9/27

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -246.333+/-105.739 χ^2 /NDF: 203.1/12

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

Right Out: -856.166+/-93.338 χ^2 /NDF: 417.4/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

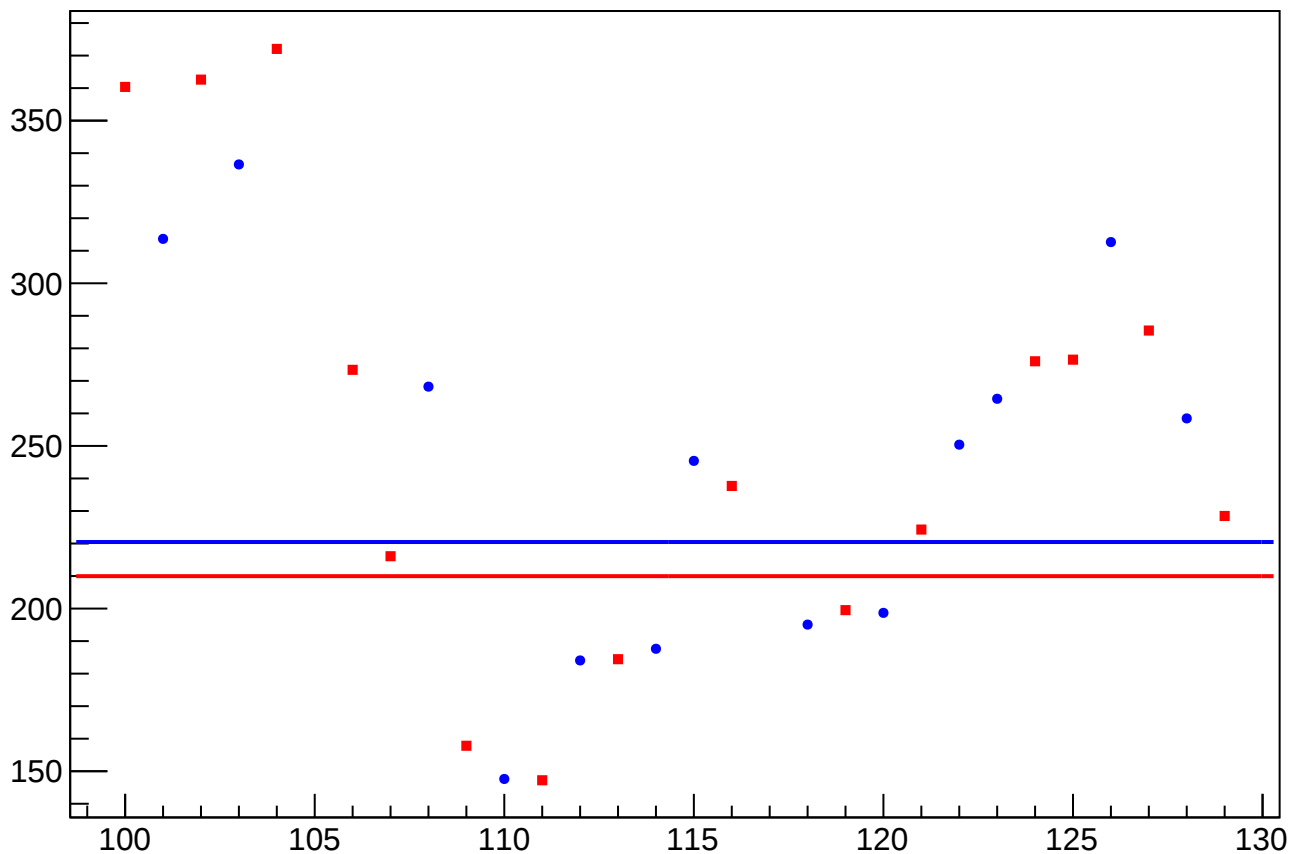
Right: -589.089+/-69.976 χ^2 /NDF: 639.2/27

In: -246.333+/-105.739 χ^2 /NDF:203.1/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -589.089+/-69.976 χ^2 /NDF: 639.2/27

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 220.461 ± 0.075 χ^2/NDF : 591433.5/12

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

Right Out: 209.963 ± 0.066 χ^2/NDF : 830498.0/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

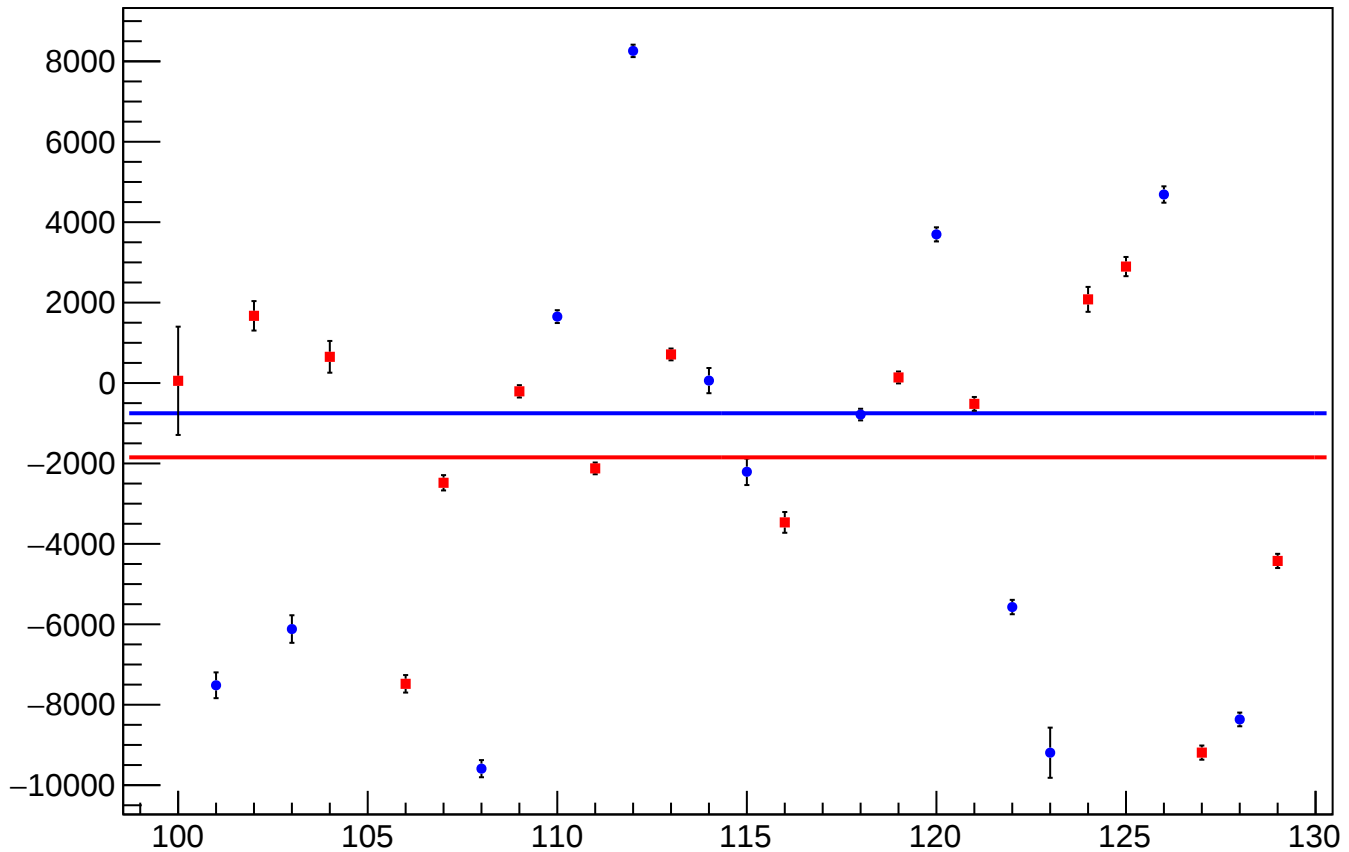
Right: 214.561 ± 0.049 χ^2/NDF : 1433010.3/27

In: 220.461 ± 0.075 χ^2/NDF : 591433.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 214.561 ± 0.049 χ^2/NDF : 1433010.3/27

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -751.821+/-56.503 χ^2/NDF : 10320.4/12

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

Right Out: -1848.017+/-50.927 χ^2/NDF : 4017.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

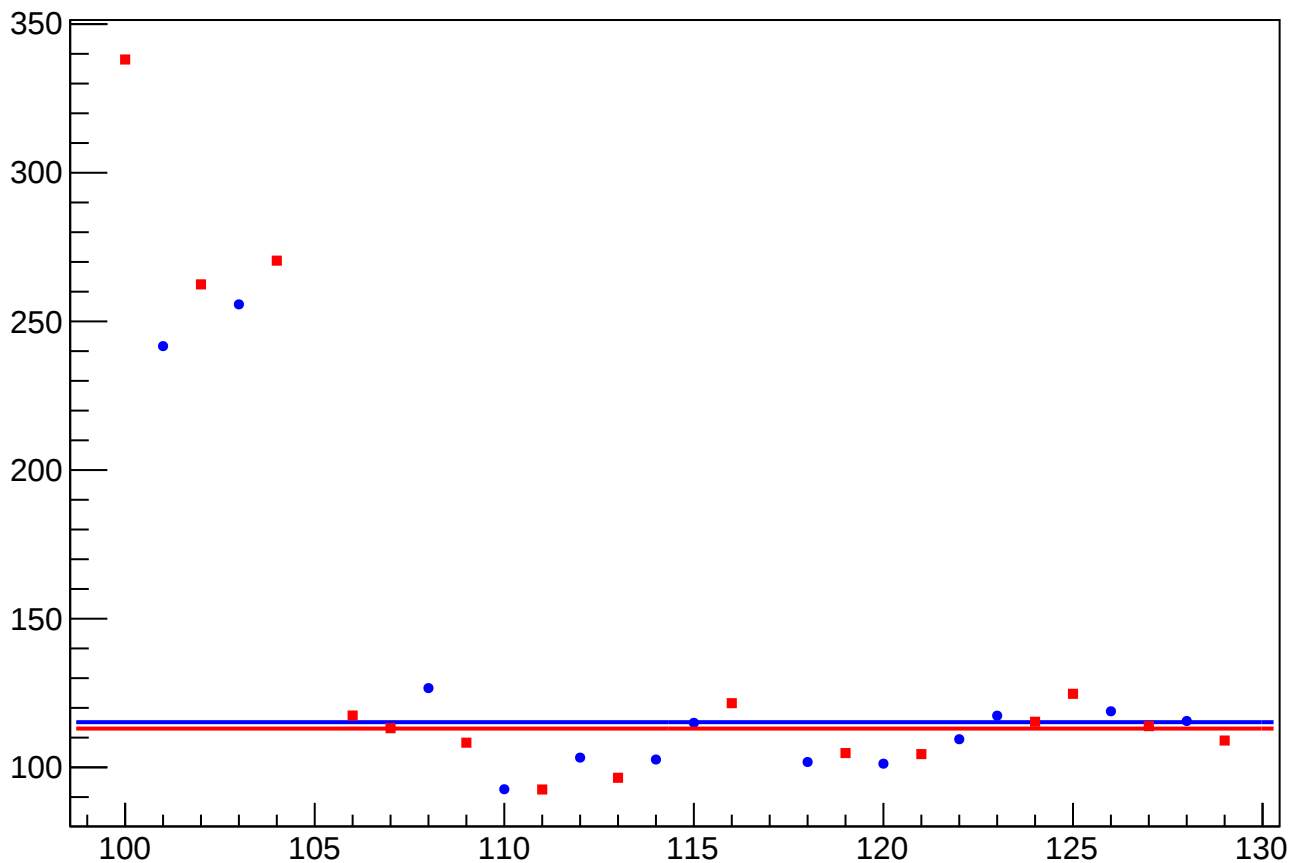
Right: -1356.667+/-37.829 χ^2/NDF : 14545.8/27

In: -751.821+/-56.503 χ^2/NDF :10320.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1356.667+/-37.829 χ^2/NDF : 14545.8/27

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 115.194+/-0.040 χ^2/NDF : 740600.8/12

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

Right Out: 113.043+/-0.036 χ^2/NDF : 793226.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

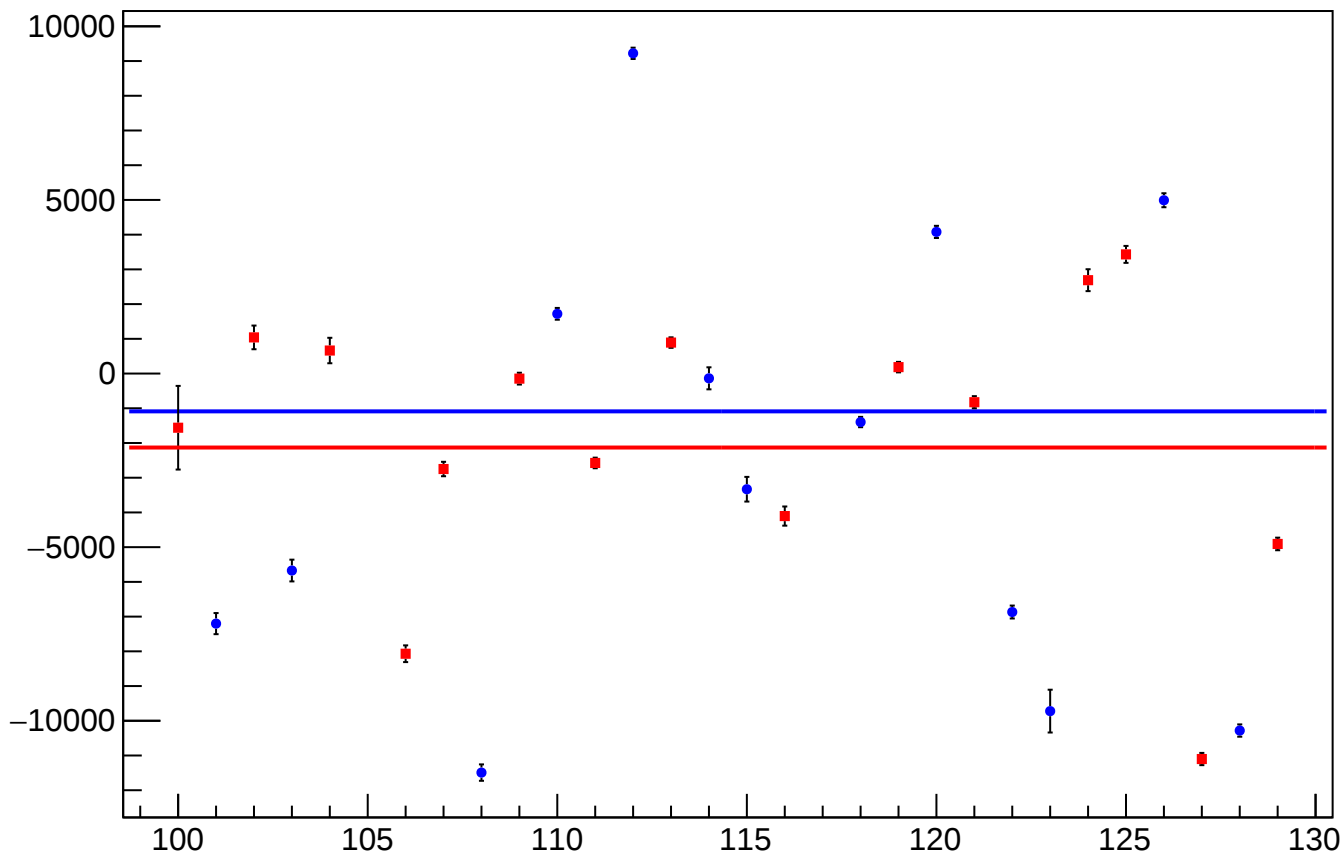
Right: 114.007+/-0.027 χ^2/NDF : 1535425.8/27

In: 115.194+/-0.040 χ^2/NDF : 740600.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.007+/-0.027 χ^2/NDF : 1535425.8/27

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -1088.979+/-58.217 χ^2/NDF : 12532.6/12

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

Right Out: -2130.720+/-52.905 χ^2/NDF : 5224.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

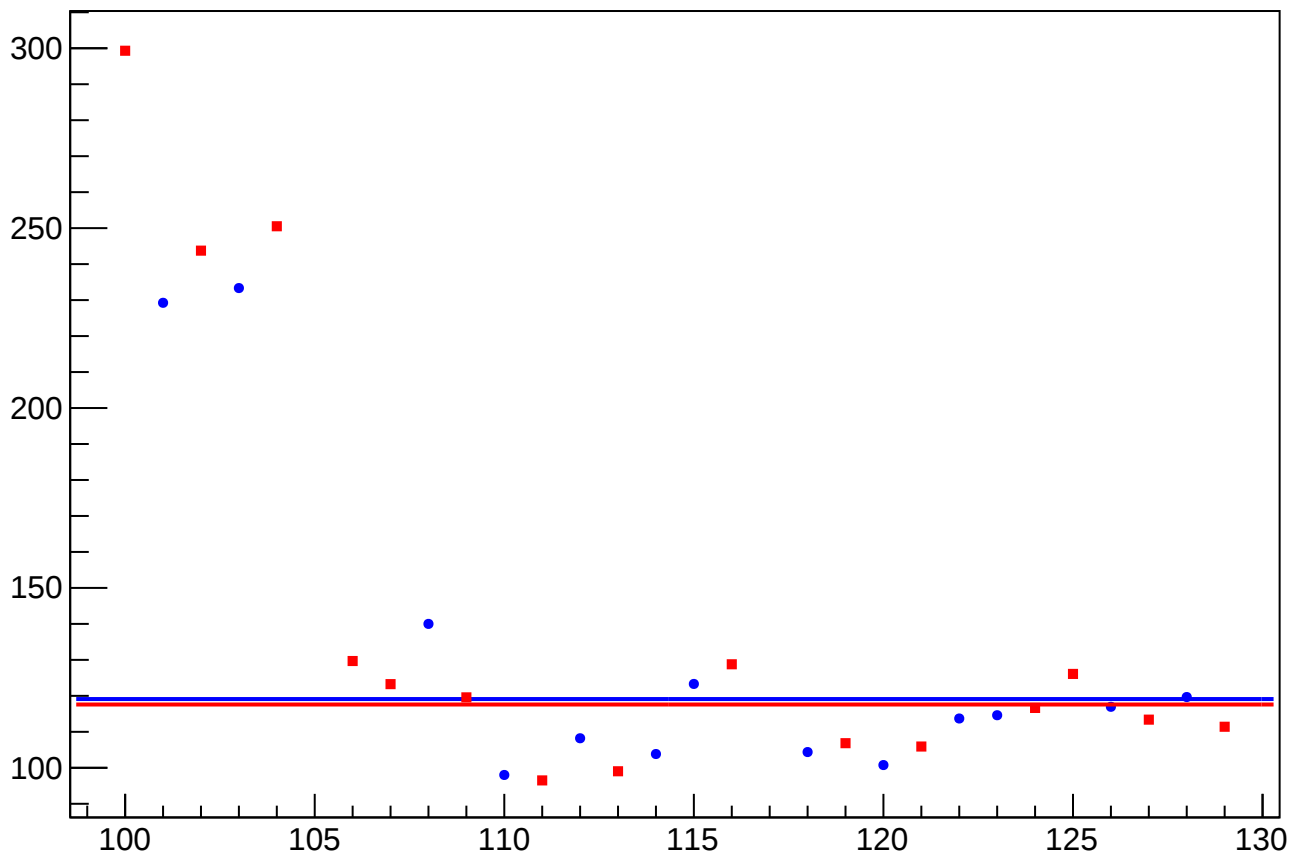
Right: -1659.537+/-39.153 χ^2/NDF : 17932.1/27

In: -1088.979+/-58.217 χ^2/NDF :12532.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1659.537+/-39.153 χ^2/NDF : 17932.1/27

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 119.114 $\pm$ 0.041 χ^2 /NDF: 632282.5/12

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

Right Out: 117.593 $\pm$ 0.037 χ^2 /NDF: 685449.9/14

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

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

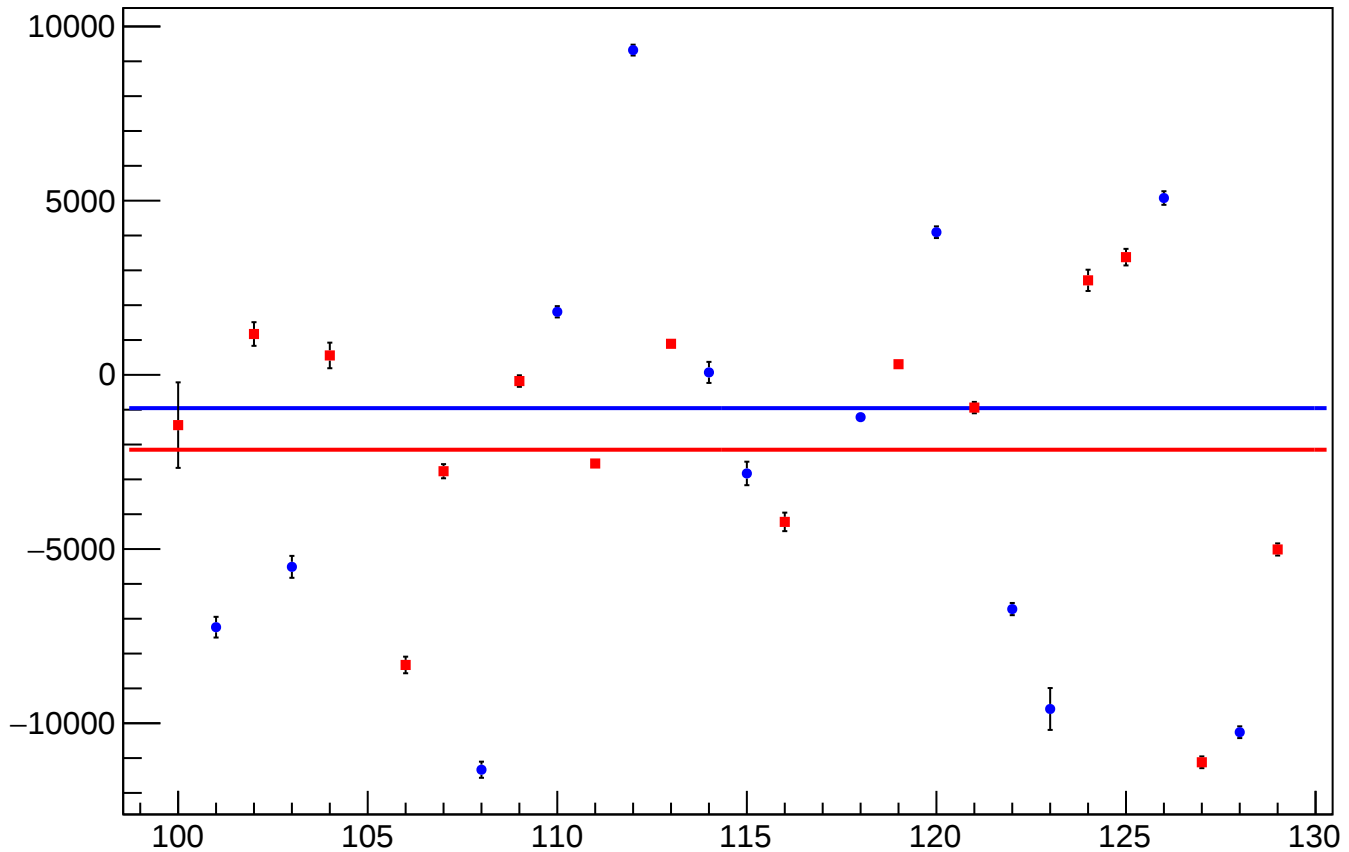
Right: 118.281 $\pm$ 0.028 χ^2 /NDF: 1318479.9/27

In: 119.114 $\pm$ 0.041 χ^2 /NDF:632282.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 118.281 $\pm$ 0.028 χ^2 /NDF: 1318479.9/27

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: -955.254+/-55.846 χ^2/NDF : 13539.3/12

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

Right Out: -2148.872+/-50.707 χ^2/NDF : 5726.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

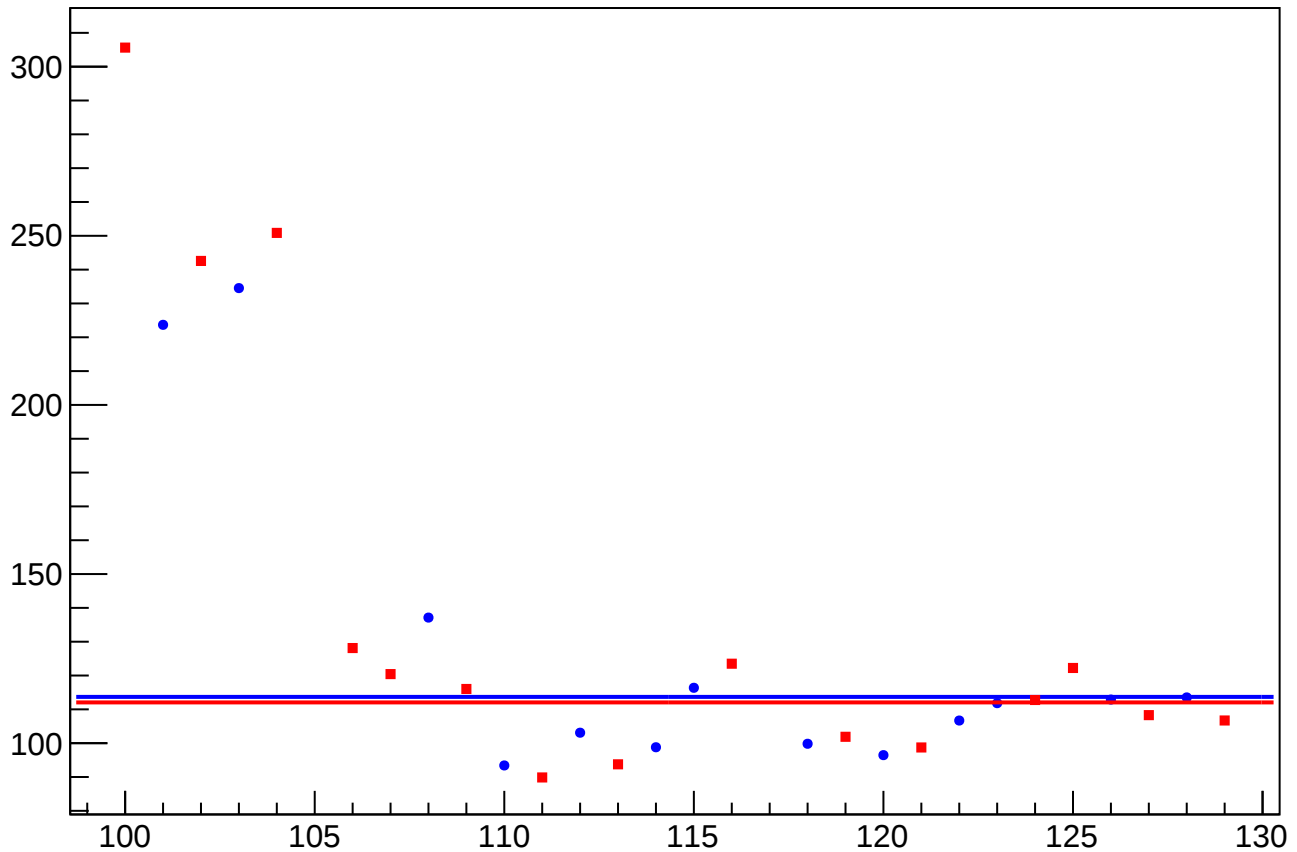
Right: -1609.497+/-37.541 χ^2/NDF : 19516.4/27

In: -955.254+/-55.846 χ^2/NDF :13539.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1609.497+/-37.541 χ^2/NDF : 19516.4/27

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 113.685+/-0.039 χ^2/NDF : 678015.3/12

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

Right Out: 112.051+/-0.036 χ^2/NDF : 759050.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

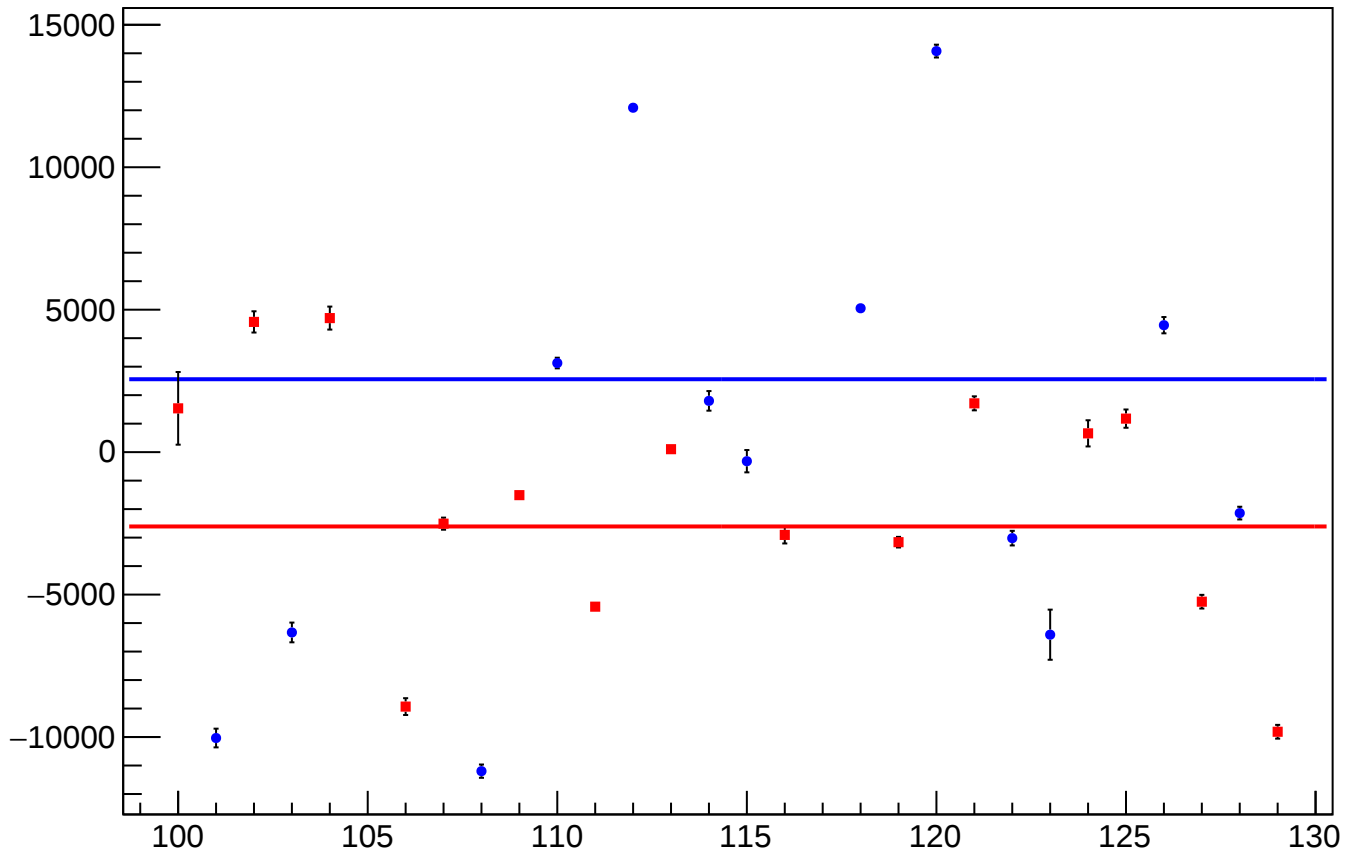
Right: 112.789+/-0.027 χ^2/NDF : 1438003.9/27

In: 113.685+/-0.039 χ^2/NDF : 678015.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.789+/-0.027 χ^2/NDF : 1438003.9/27

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 2558.986+/-68.400 χ^2/NDF : 12527.1/12

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

Right Out: -2608.930+/-62.480 χ^2/NDF : 3267.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

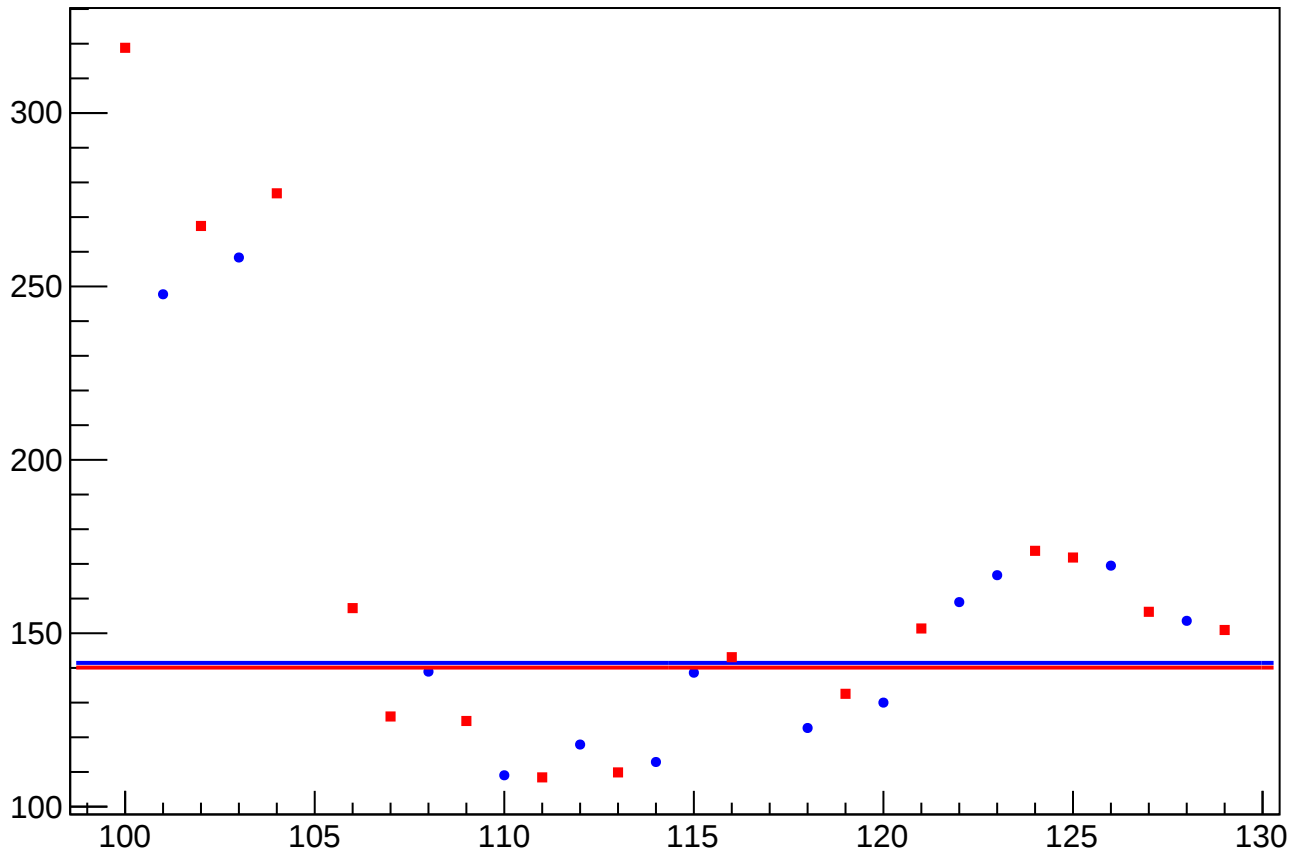
Right: -258.251+/-46.131 χ^2/NDF : 18906.7/27

In: 2558.986+/-68.400 χ^2/NDF : 12527.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -258.251+/-46.131 χ^2/NDF : 18906.7/27

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 141.454+/-0.048 χ^2/NDF : 612347.9/12

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

Right Out: 140.106+/-0.044 χ^2/NDF : 719401.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

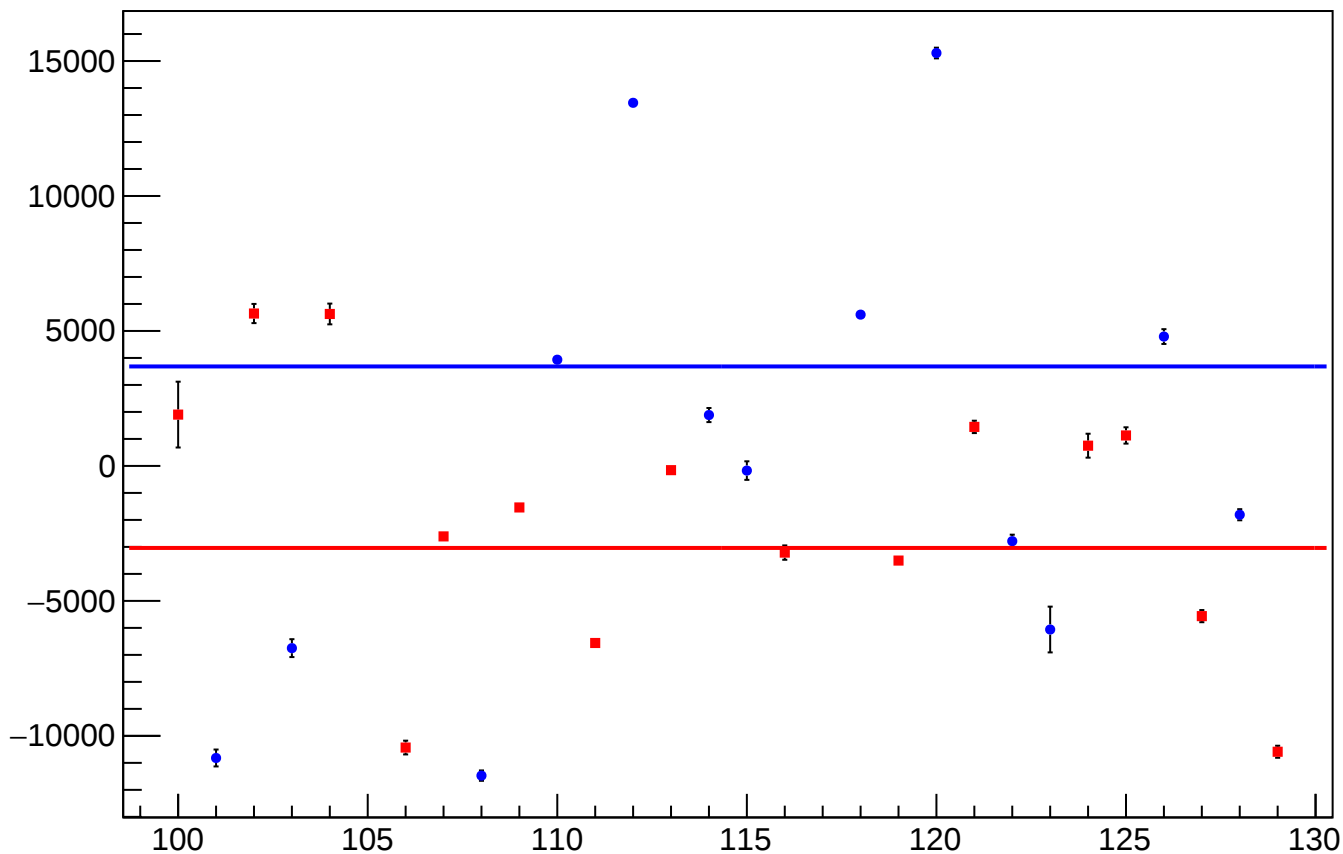
Right: 140.719+/-0.033 χ^2/NDF : 1332172.4/27

In: 141.454+/-0.048 χ^2/NDF :612347.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 140.719+/-0.033 χ^2/NDF : 1332172.4/27

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 3685.178+/-57.008 χ^2/NDF : 20139.4/12

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

Right Out: -3038.251+/-51.448 χ^2/NDF : 5395.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

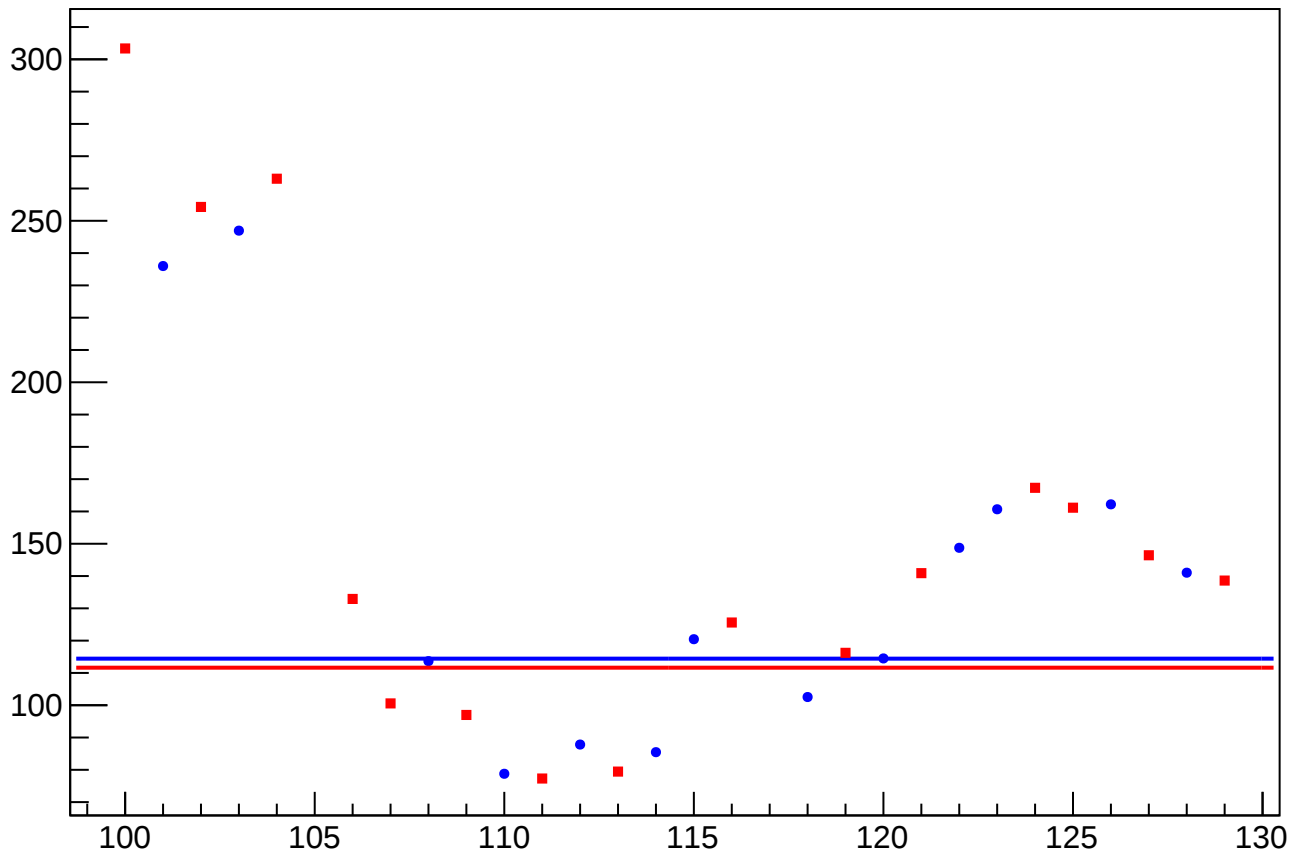
Right: -20.341+/-38.194 χ^2/NDF : 33200.4/27

In: 3685.178+/-57.008 χ^2/NDF : 20139.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.341+/-38.194 χ^2/NDF : 33200.4/27

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 114.424+/-0.040 χ^2/NDF : 1016788.1/12

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

Right Out: 111.625+/-0.036 χ^2/NDF : 1224807.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

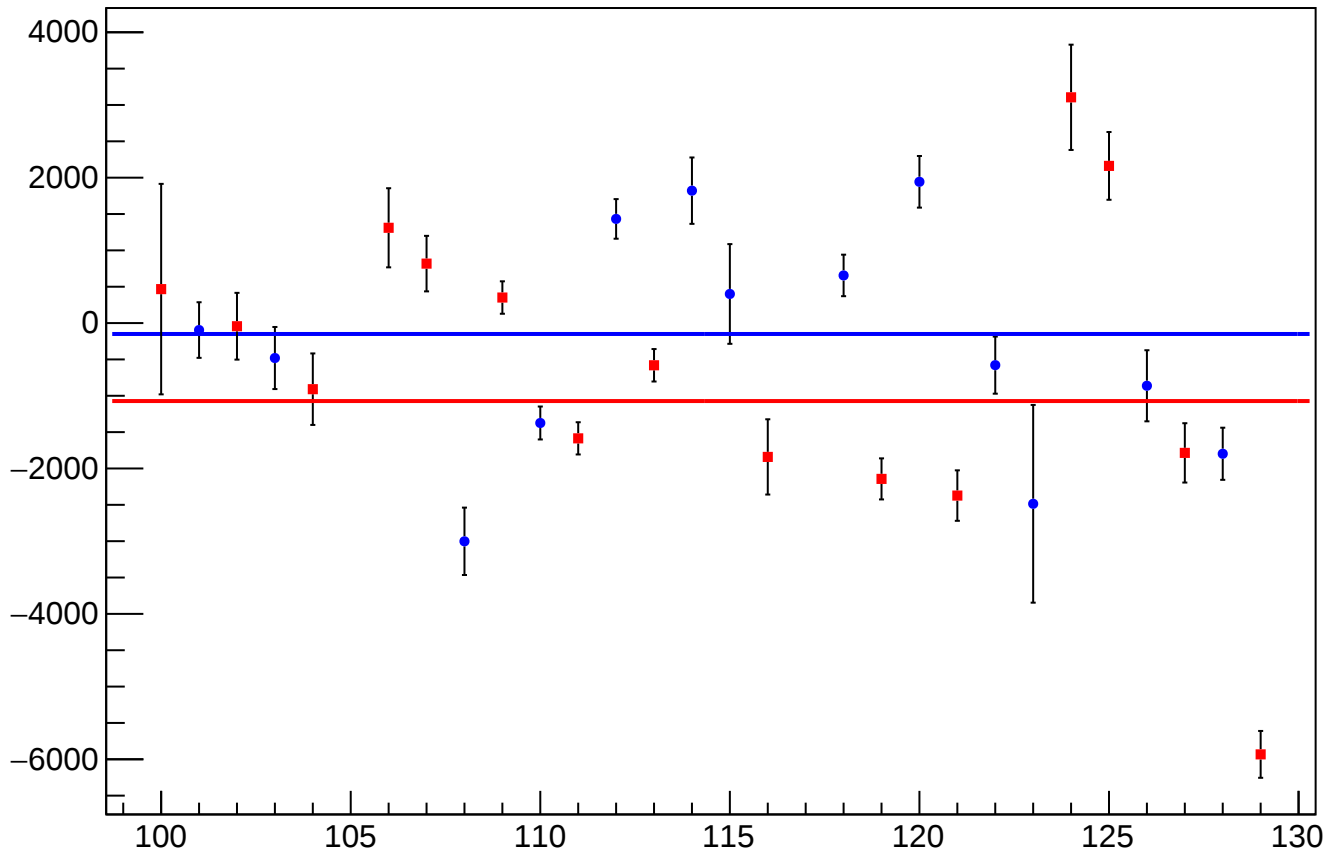
Right: 112.881+/-0.027 χ^2/NDF : 2244253.4/27

In: 114.424+/-0.040 χ^2/NDF : 1016788.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.881+/-0.027 χ^2/NDF : 2244253.4/27

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -150.027+/-102.031 χ^2 /NDF: 190.9/12

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

Right Out: -1072.566+/-88.804 χ^2 /NDF: 443.5/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

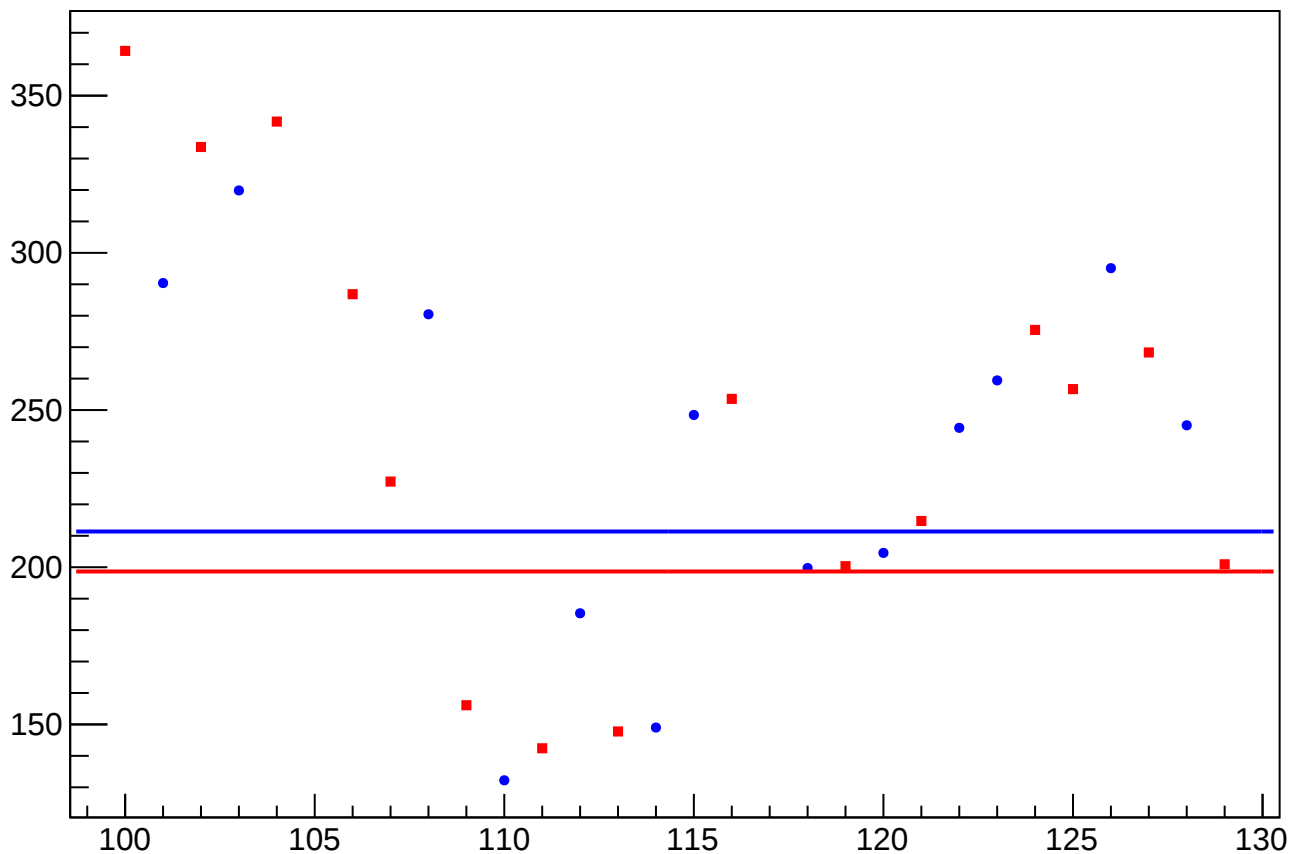
Right: -674.931+/-66.986 χ^2 /NDF: 680.9/27

In: -150.027+/-102.031 χ^2 /NDF:190.9/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -674.931+/-66.986 χ^2 /NDF: 680.9/27

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 211.364 $\pm$ 0.072 χ^2 /NDF: 661745.1/12

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

Right Out: 198.643 $\pm$ 0.063 χ^2 /NDF: 876385.3/14

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

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

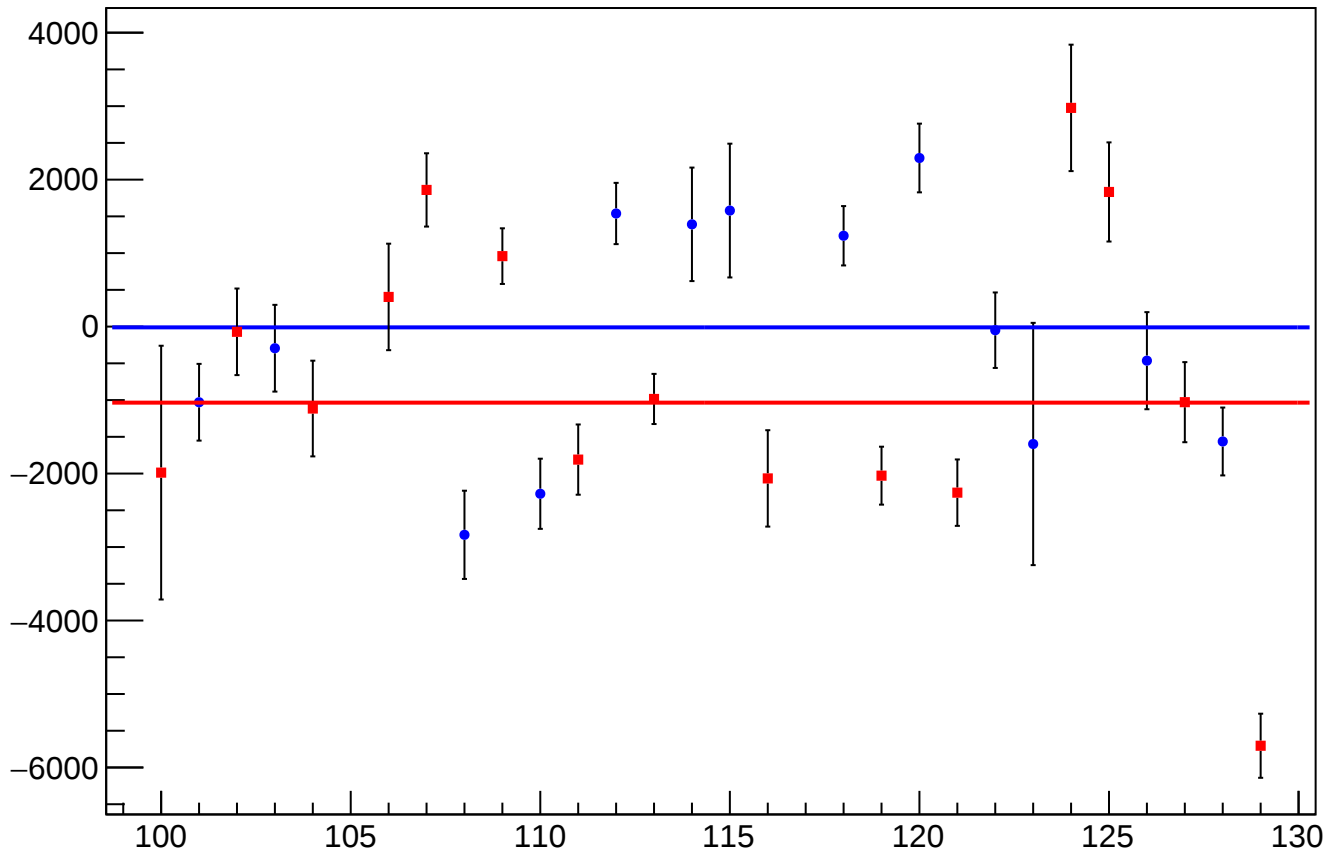
Right: 204.126 $\pm$ 0.047 χ^2 /NDF: 1555819.6/27

In: 211.364 $\pm$ 0.072 χ^2 /NDF:661745.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 204.126 $\pm$ 0.047 χ^2 /NDF: 1555819.6/27

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: -10.406 ± 150.447 $\chi^2/\text{NDF}: 115.4/12$

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

Right Out: -1034.964 ± 132.151 $\chi^2/\text{NDF}: 241.6/14$

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

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

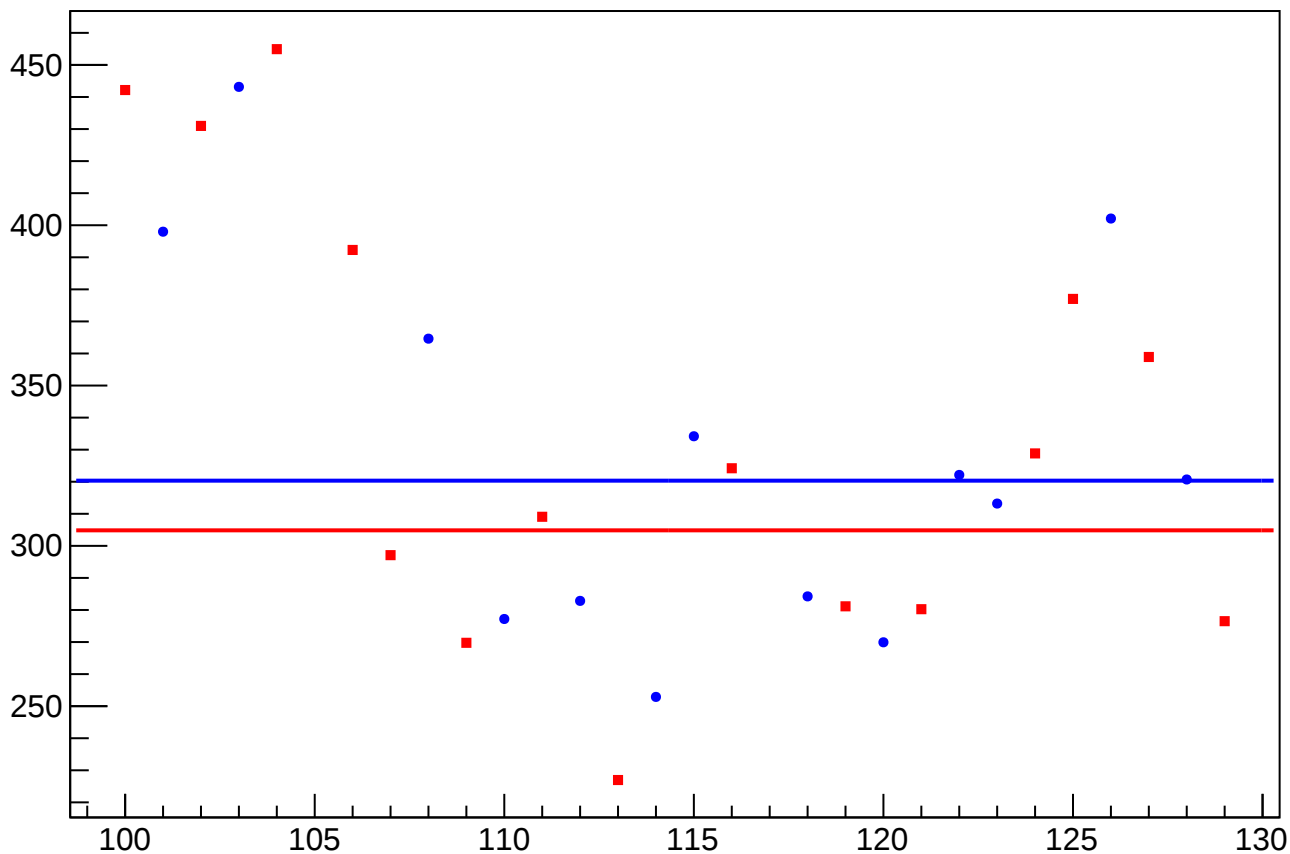
Right: -588.741 ± 99.287 $\chi^2/\text{NDF}: 383.1/27$

In: -10.406 ± 150.447 $\chi^2/\text{NDF}: 115.4/12$

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

All: -588.741 ± 99.287 $\chi^2/\text{NDF}: 383.1/27$

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 320.335+/-0.106 χ^2/NDF : 259845.5/12

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

Right Out: 304.841+/-0.093 χ^2/NDF : 429090.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

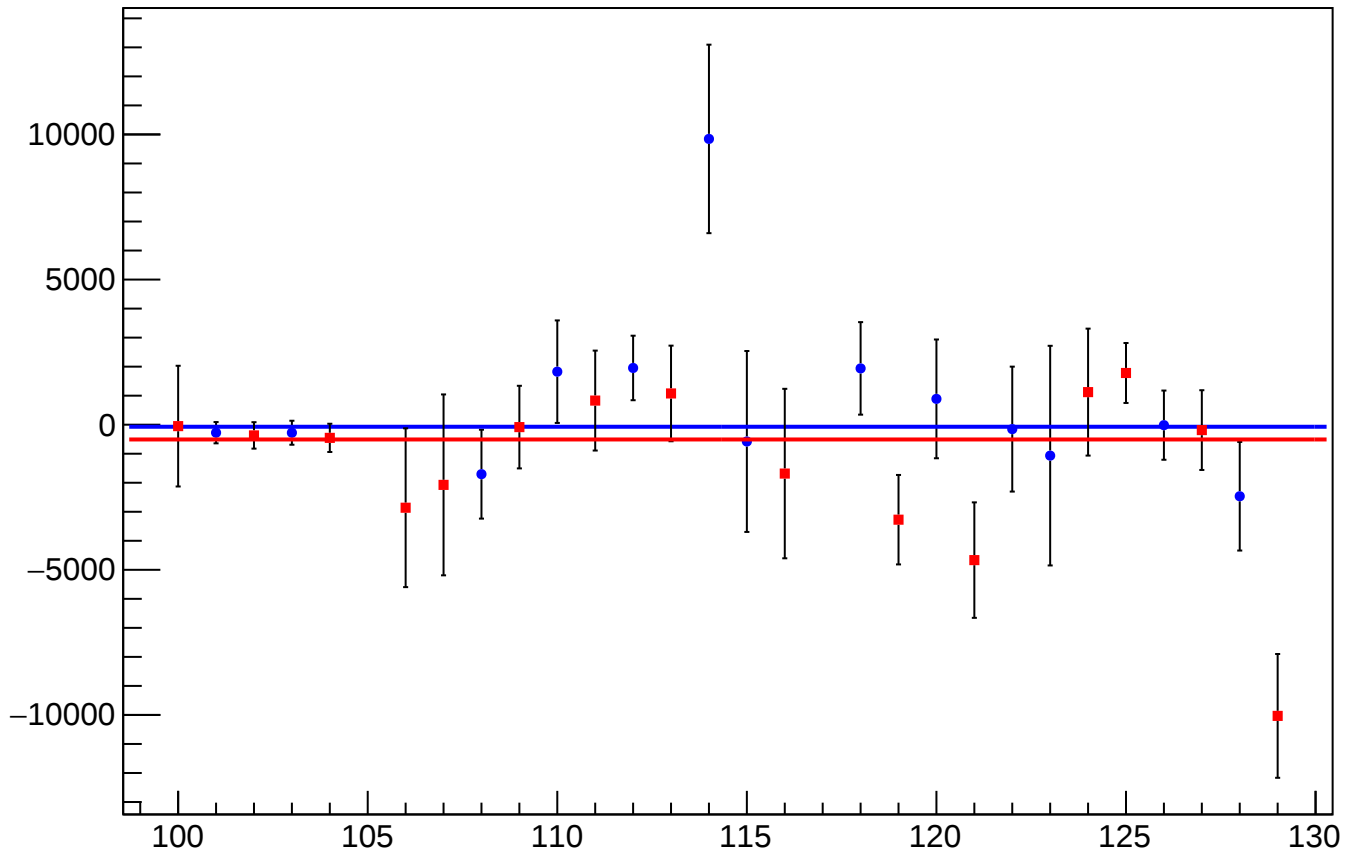
Right: 311.589+/-0.070 χ^2/NDF : 700910.0/27

In: 320.335+/-0.106 χ^2/NDF : 259845.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 311.589+/-0.070 χ^2/NDF : 700910.0/27

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -71.005+/-242.915 χ^2/NDF : 19.0/12

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

Right Out: -509.172+/-273.178 χ^2/NDF : 36.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

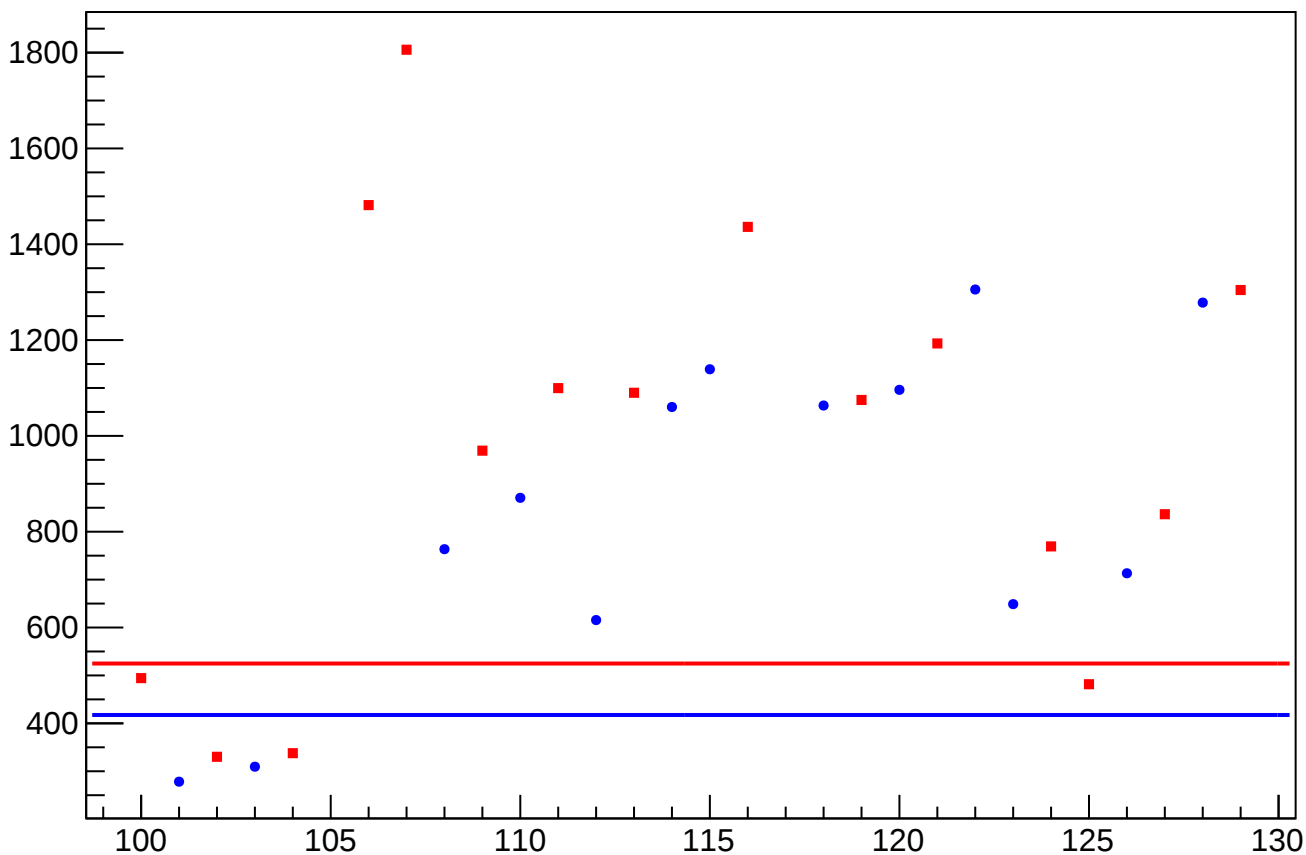
Right: -264.483+/-181.527 χ^2/NDF : 56.5/27

In: -71.005+/-242.915 χ^2/NDF : 19.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -264.483+/-181.527 χ^2/NDF : 56.5/27

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 417.459+/-0.172 χ^2/NDF : 2350311.1/12

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

Right Out: 524.849+/-0.193 χ^2/NDF : 2971911.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

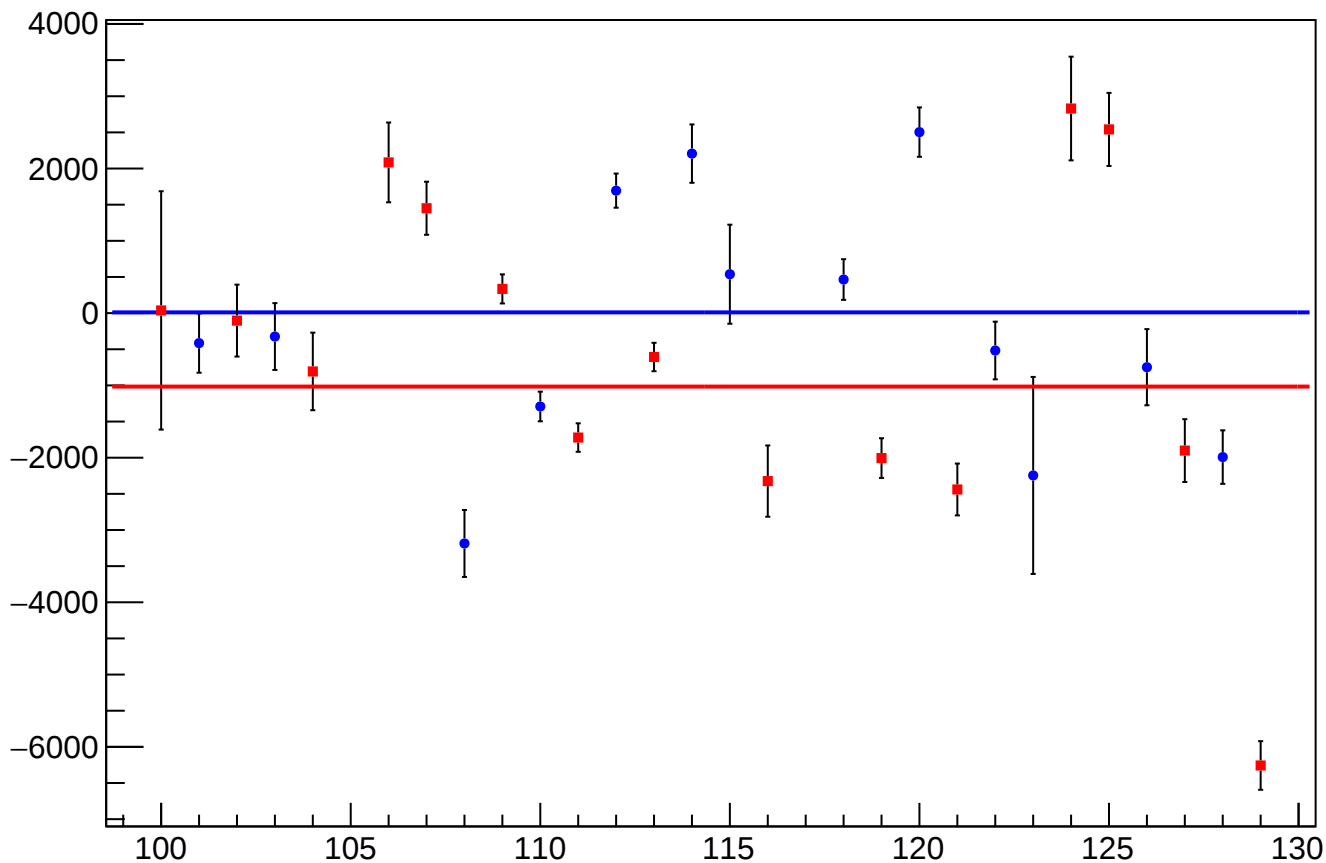
Right: 464.878+/-0.128 χ^2/NDF : 5494824.4/27

In: 417.459+/-0.172 χ^2/NDF : 2350311.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 464.878+/-0.128 χ^2/NDF : 5494824.4/27

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 10.280+/-97.954 χ^2/NDF : 262.2/12

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

Right Out: -1016.222+/-84.464 χ^2/NDF : 504.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

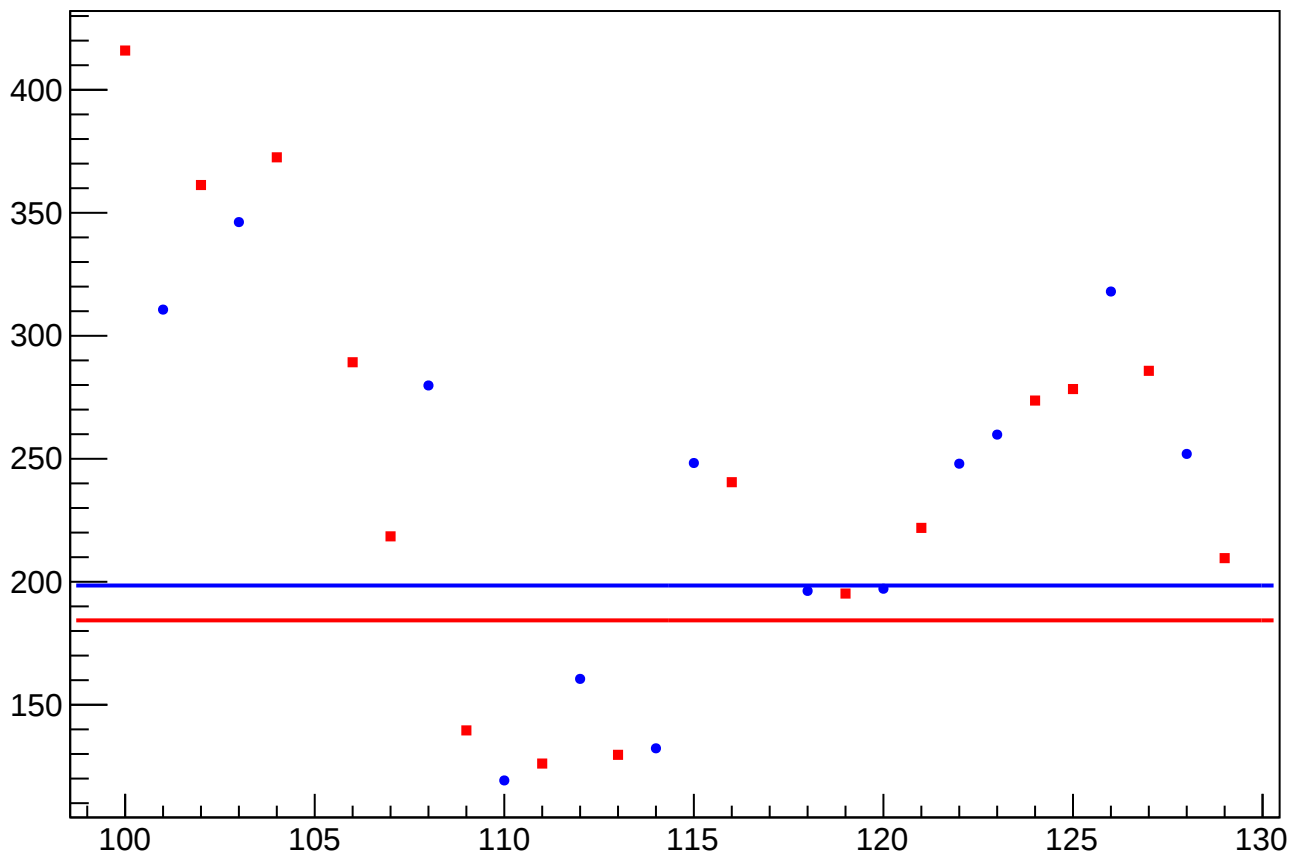
Right: -578.465+/-63.967 χ^2/NDF : 829.3/27

In: 10.280+/-97.954 χ^2/NDF : 262.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -578.465+/-63.967 χ^2/NDF : 829.3/27

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 198.488+/-0.069 χ^2/NDF : 1010634.5/12

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

Right Out: 184.315+/-0.060 χ^2/NDF : 1329003.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

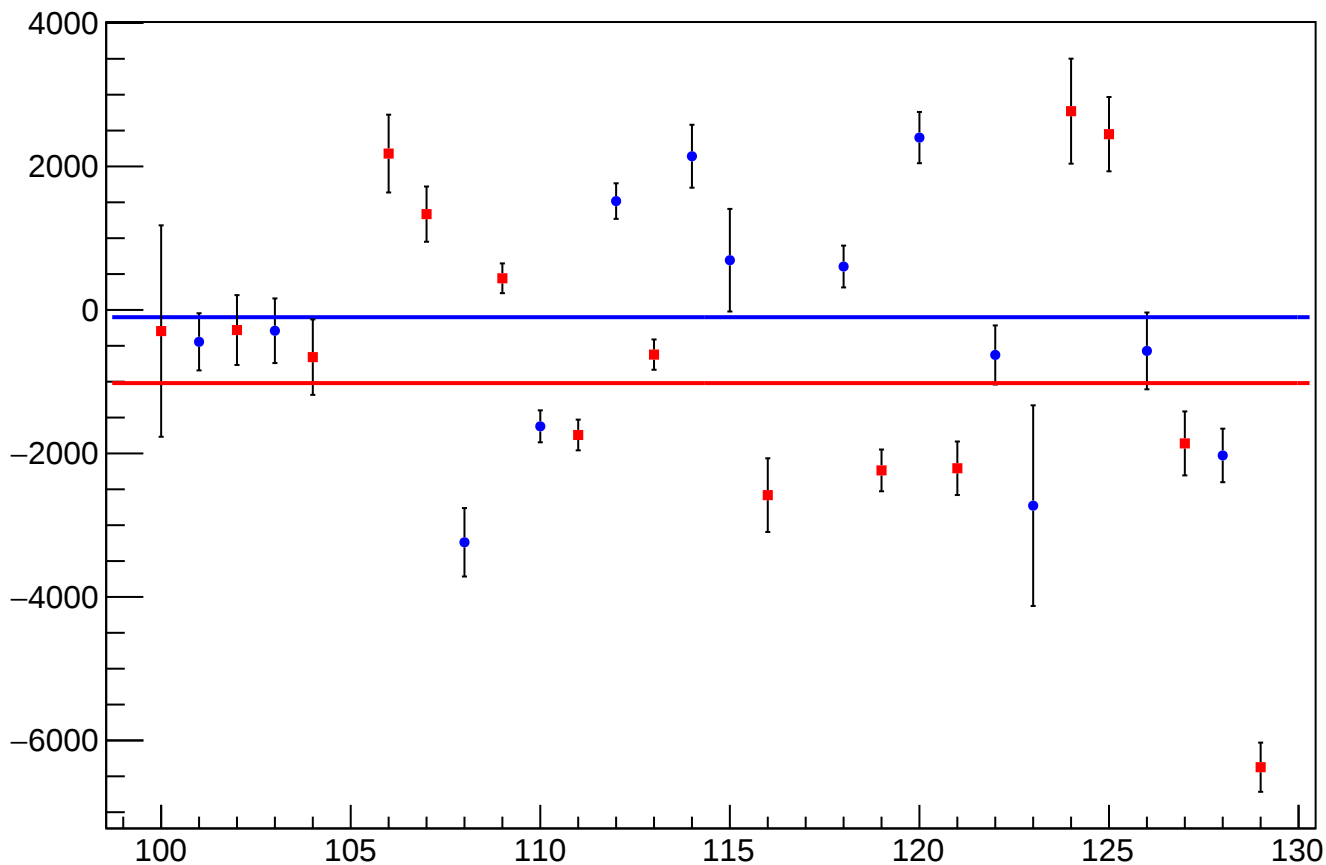
Right: 190.360+/-0.045 χ^2/NDF : 2363652.4/27

In: 198.488+/-0.069 χ^2/NDF :1010634.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 190.360+/-0.045 χ^2/NDF : 2363652.4/27

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: -101.039+/-102.127 χ^2/NDF : 248.3/12

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

Right Out: -1019.587+/-88.428 χ^2/NDF : 495.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

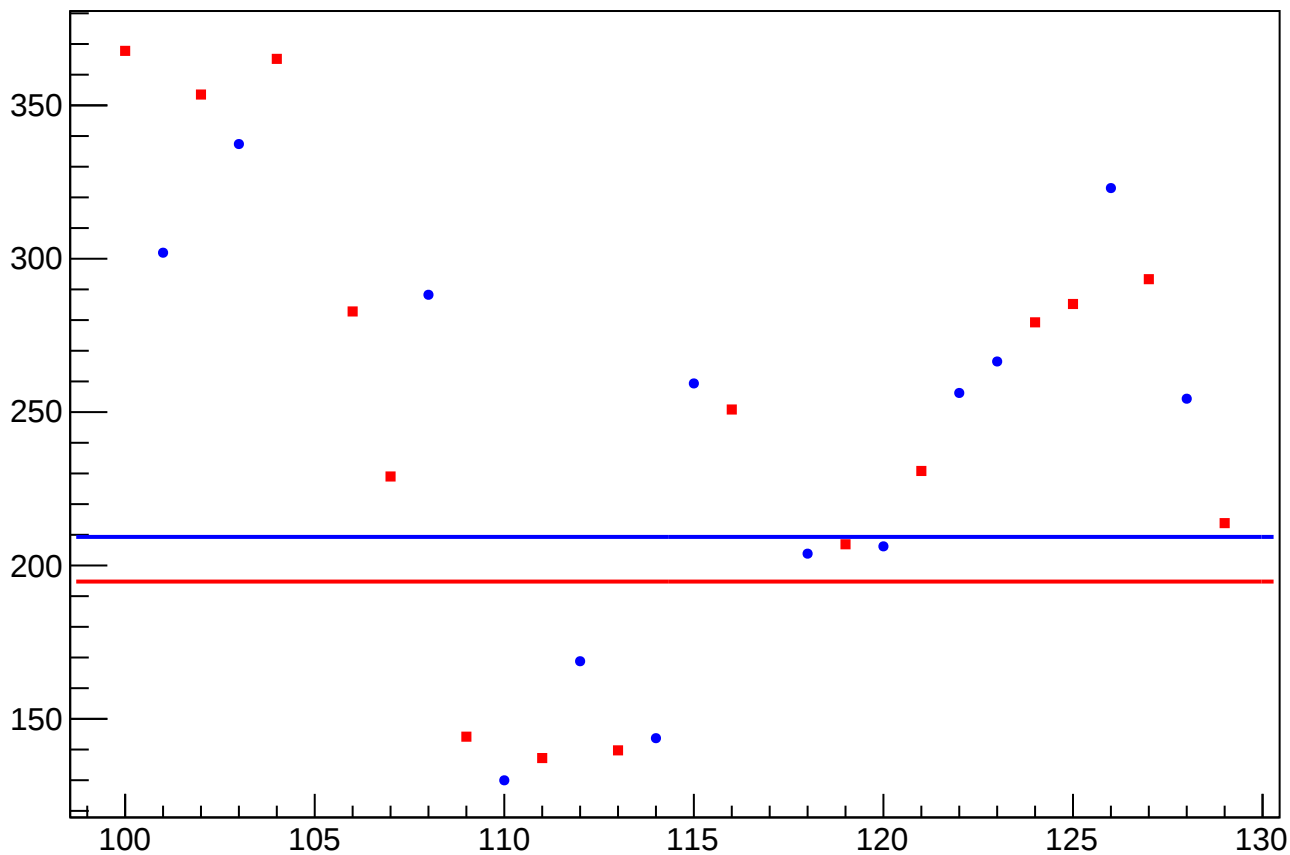
Right: -626.010+/-66.850 χ^2/NDF : 790.5/27

In: -101.039+/-102.127 χ^2/NDF : 248.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -626.010+/-66.850 χ^2/NDF : 790.5/27

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 209.316+/-0.072 χ^2/NDF : 835954.8/12

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

Right Out: 194.757+/-0.063 χ^2/NDF : 1155841.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

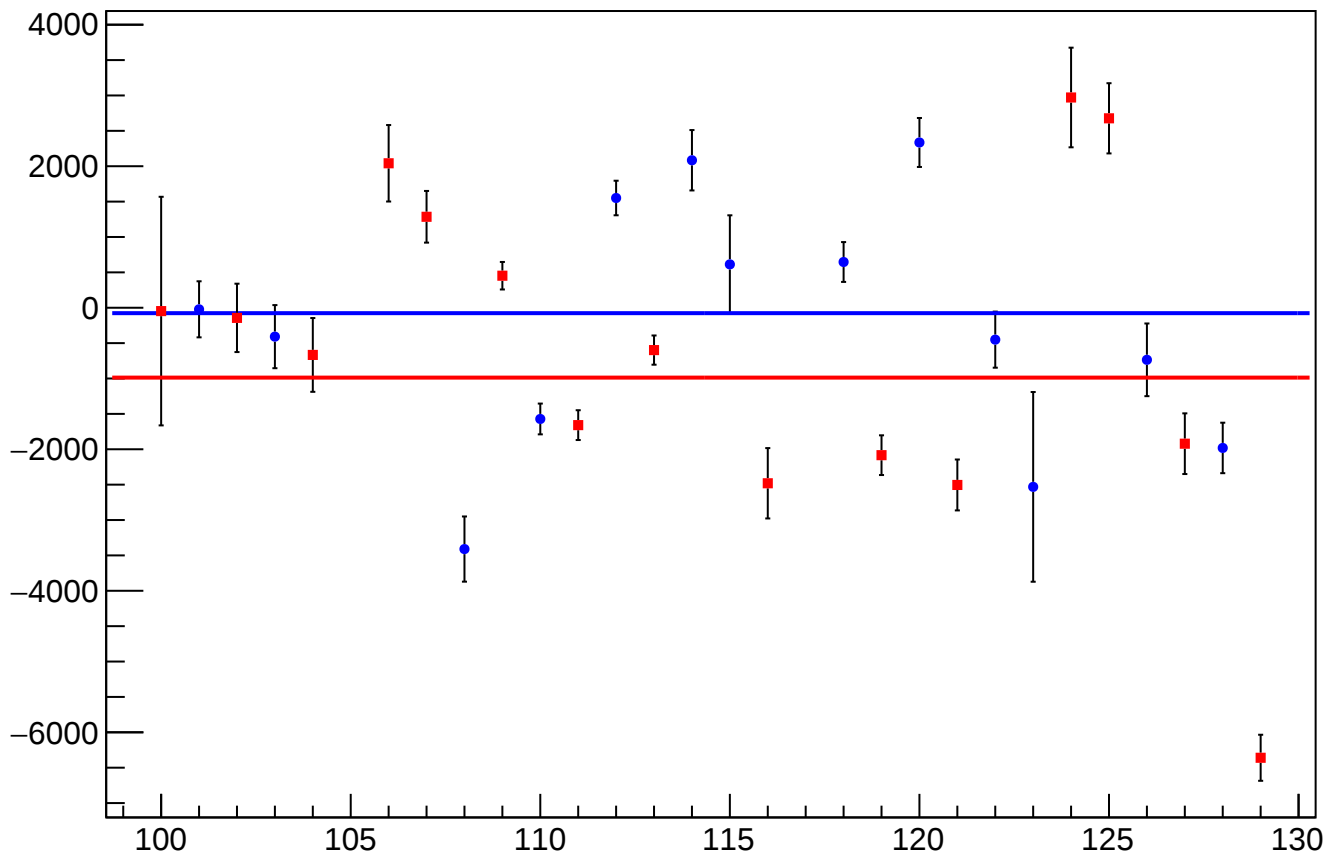
Right: 200.995+/-0.047 χ^2/NDF : 2015026.3/27

In: 209.316+/-0.072 χ^2/NDF : 835954.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 200.995+/-0.047 χ^2/NDF : 2015026.3/27

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: -76.569+/-99.437 χ^2/NDF : 260.8/12

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

Right Out: -987.305+/-85.388 χ^2/NDF : 548.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

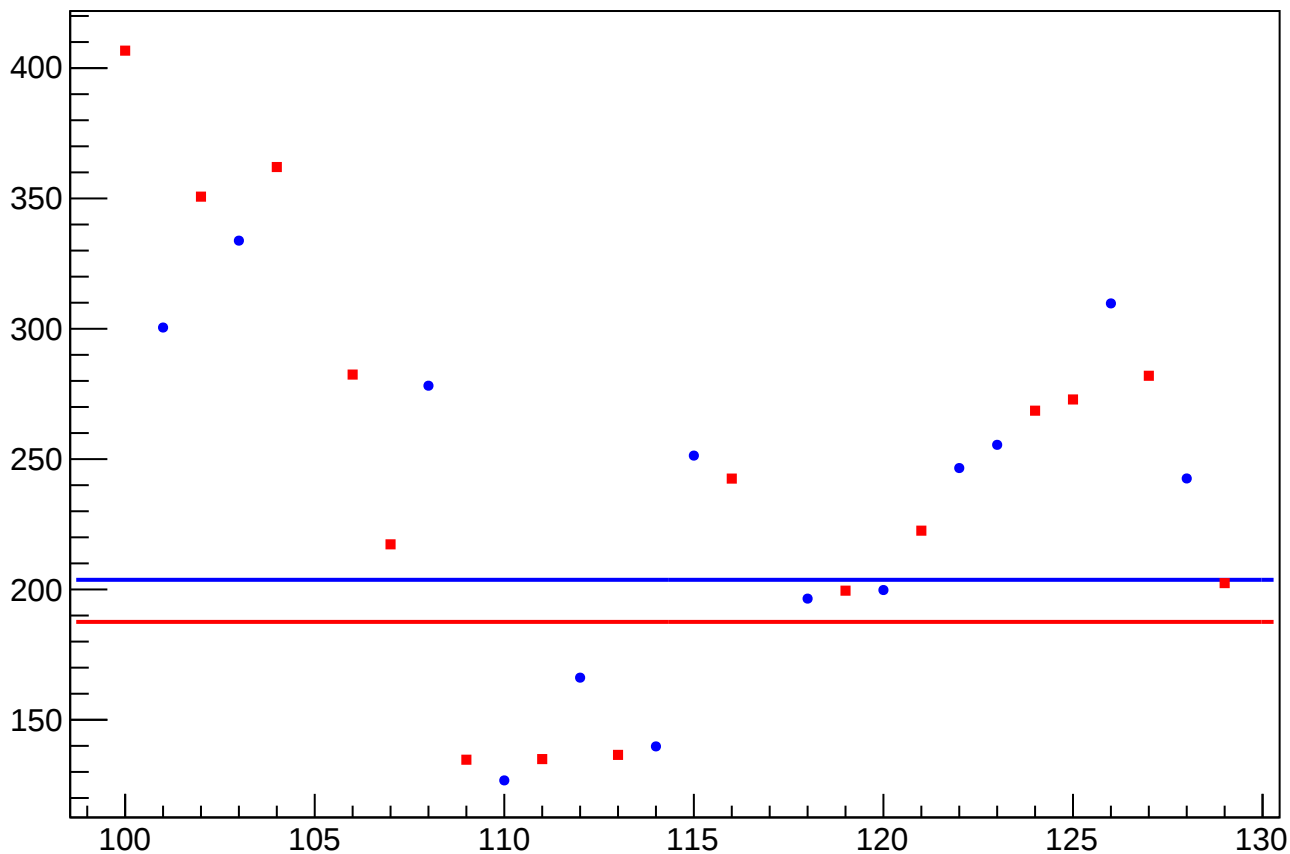
Right: -600.765+/-64.781 χ^2/NDF : 857.1/27

In: -76.569+/-99.437 χ^2/NDF :260.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -600.765+/-64.781 χ^2/NDF : 857.1/27

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 203.698+/-0.070 χ^2/NDF : 830777.4/12

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

Right Out: 187.557+/-0.060 χ^2/NDF : 1192476.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

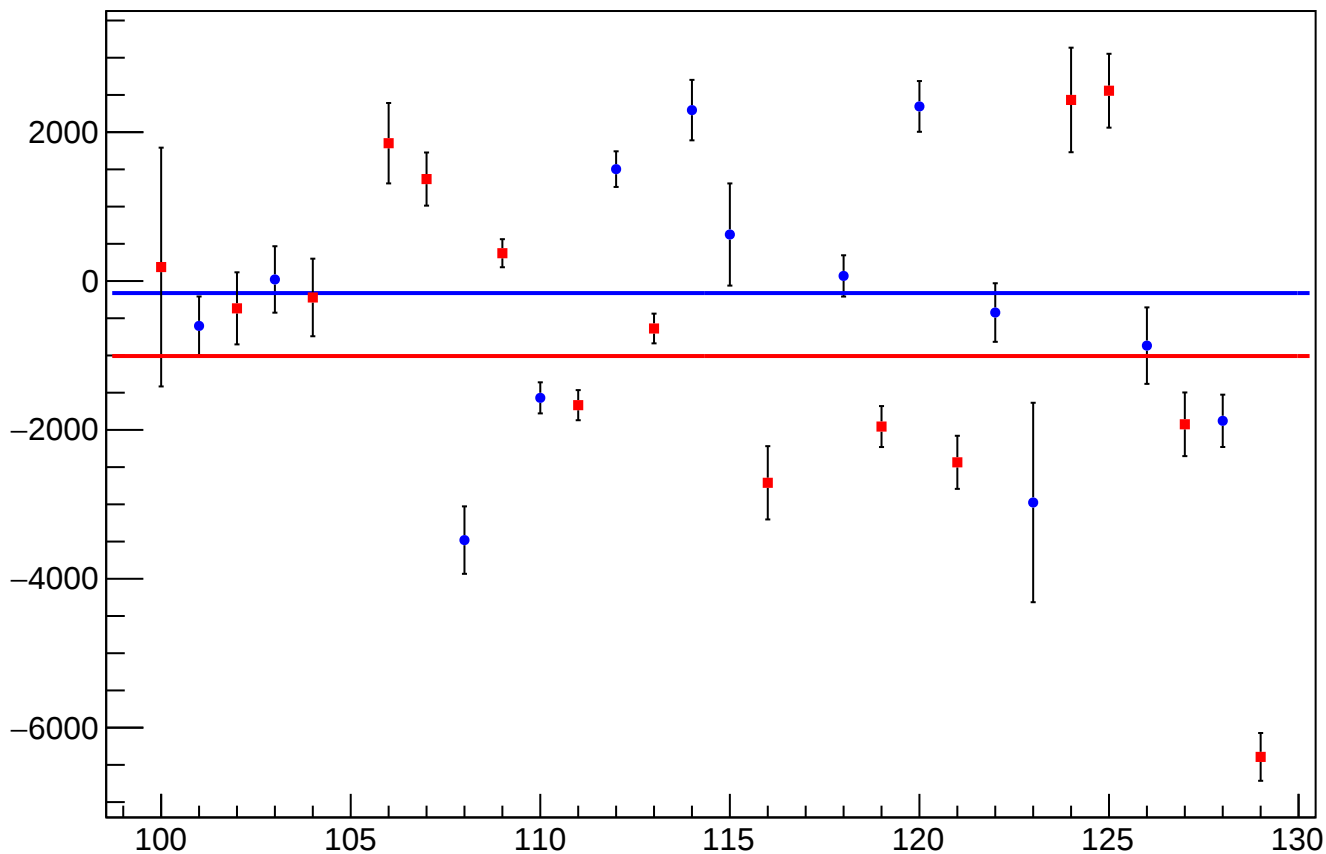
Right: 194.408+/-0.046 χ^2/NDF : 2053589.2/27

In: 203.698+/-0.070 χ^2/NDF : 830777.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 194.408+/-0.046 χ^2/NDF : 2053589.2/27

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: -161.745+/-97.430 χ^2/NDF : 272.1/12

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

Right Out: -1007.560+/-83.419 χ^2/NDF : 546.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

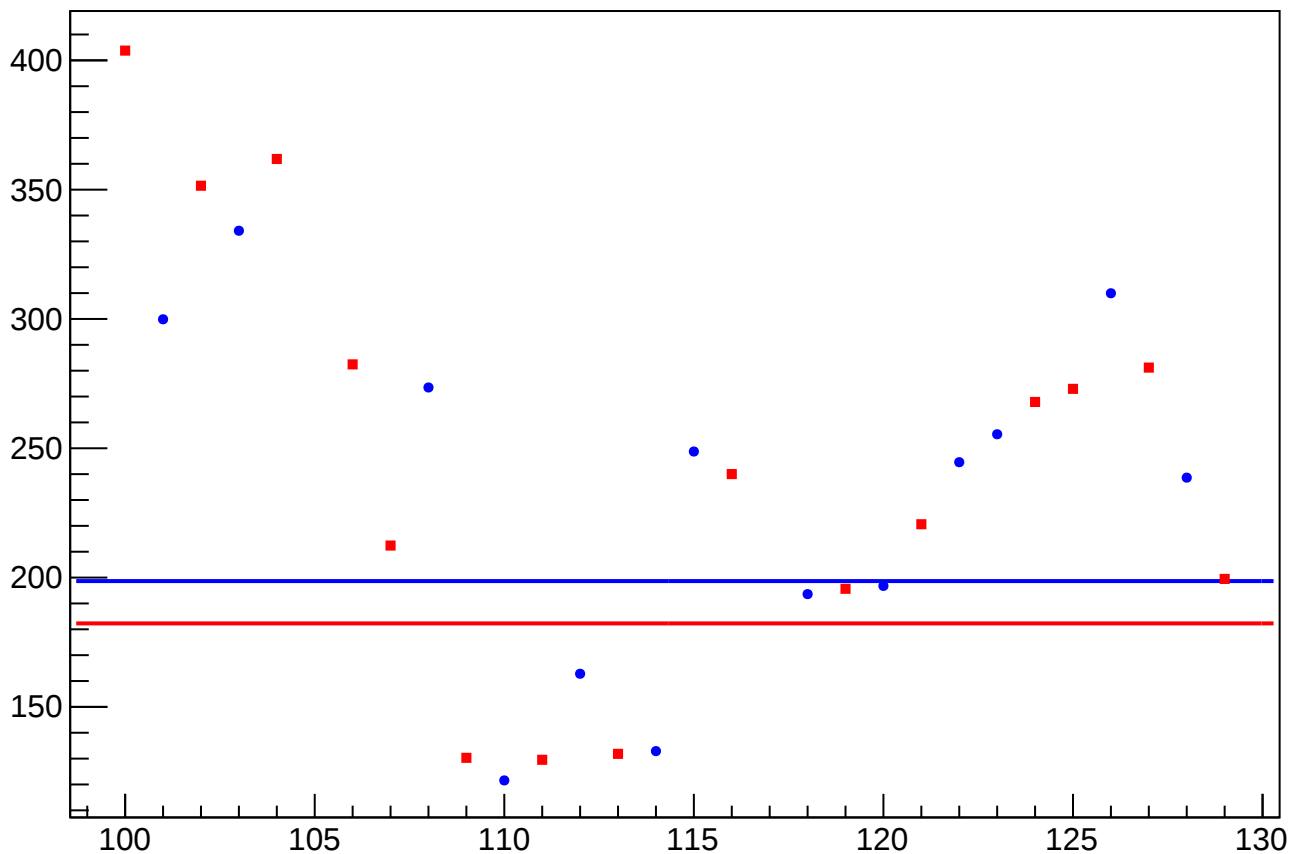
Right: -649.789+/-63.366 χ^2/NDF : 861.8/27

In: -161.745+/-97.430 χ^2/NDF :272.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -649.789+/-63.366 χ^2/NDF : 861.8/27

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 198.646+/-0.069 χ^2/NDF : 901736.9/12

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

Right Out: 182.282+/-0.059 χ^2/NDF : 1283191.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

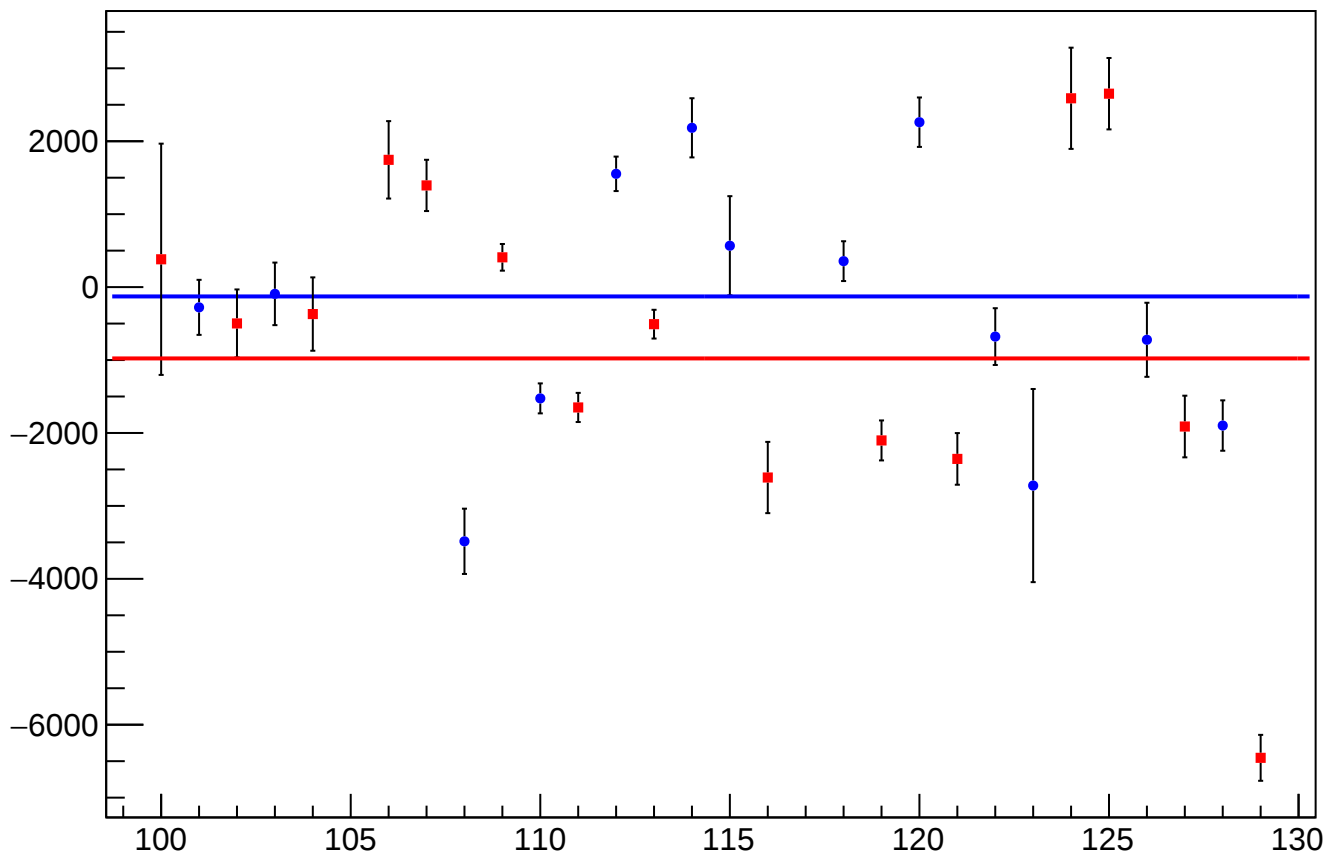
Right: 189.204+/-0.045 χ^2/NDF : 2217481.6/27

In: 198.646+/-0.069 χ^2/NDF : 901736.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.204+/-0.045 χ^2/NDF : 2217481.6/27

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -127.957+/-95.846 χ^2/NDF : 273.2/12

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

Right Out: -977.921+/-82.009 χ^2/NDF : 581.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

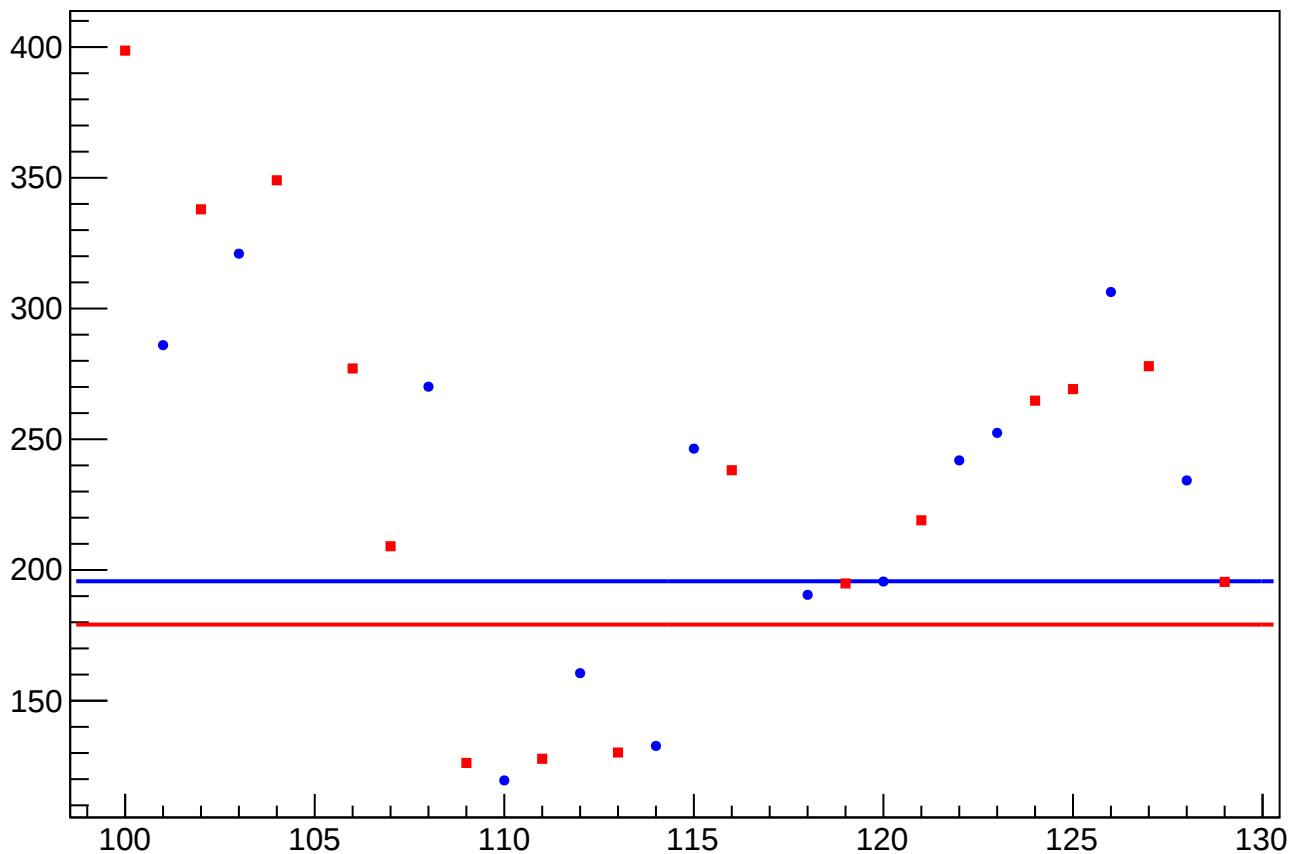
Right: -618.668+/-62.312 χ^2/NDF : 900.0/27

In: -127.957+/-95.846 χ^2/NDF : 273.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -618.668+/-62.312 χ^2/NDF : 900.0/27

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 195.686+/-0.068 χ^2/NDF : 871352.5/12

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

Right Out: 179.123+/-0.058 χ^2/NDF : 1278210.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

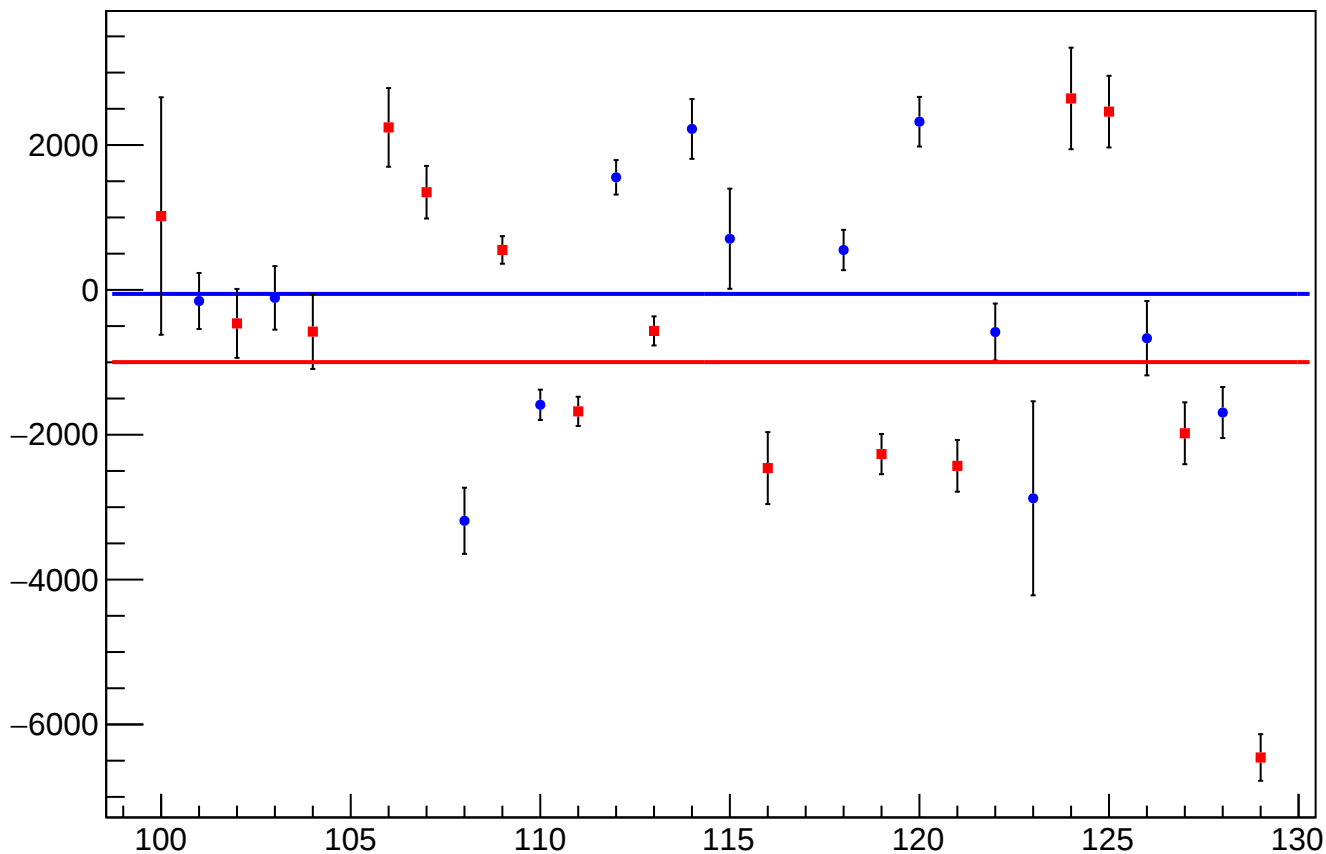
Right: 186.124+/-0.044 χ^2/NDF : 2184047.3/27

In: 195.686+/-0.068 χ^2/NDF : 871352.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 186.124+/-0.044 χ^2/NDF : 2184047.3/27

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: -55.650+/-97.392 χ^2 /NDF: 260.1/12

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

Right Out: -997.245+/-83.748 χ^2 /NDF: 577.4/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

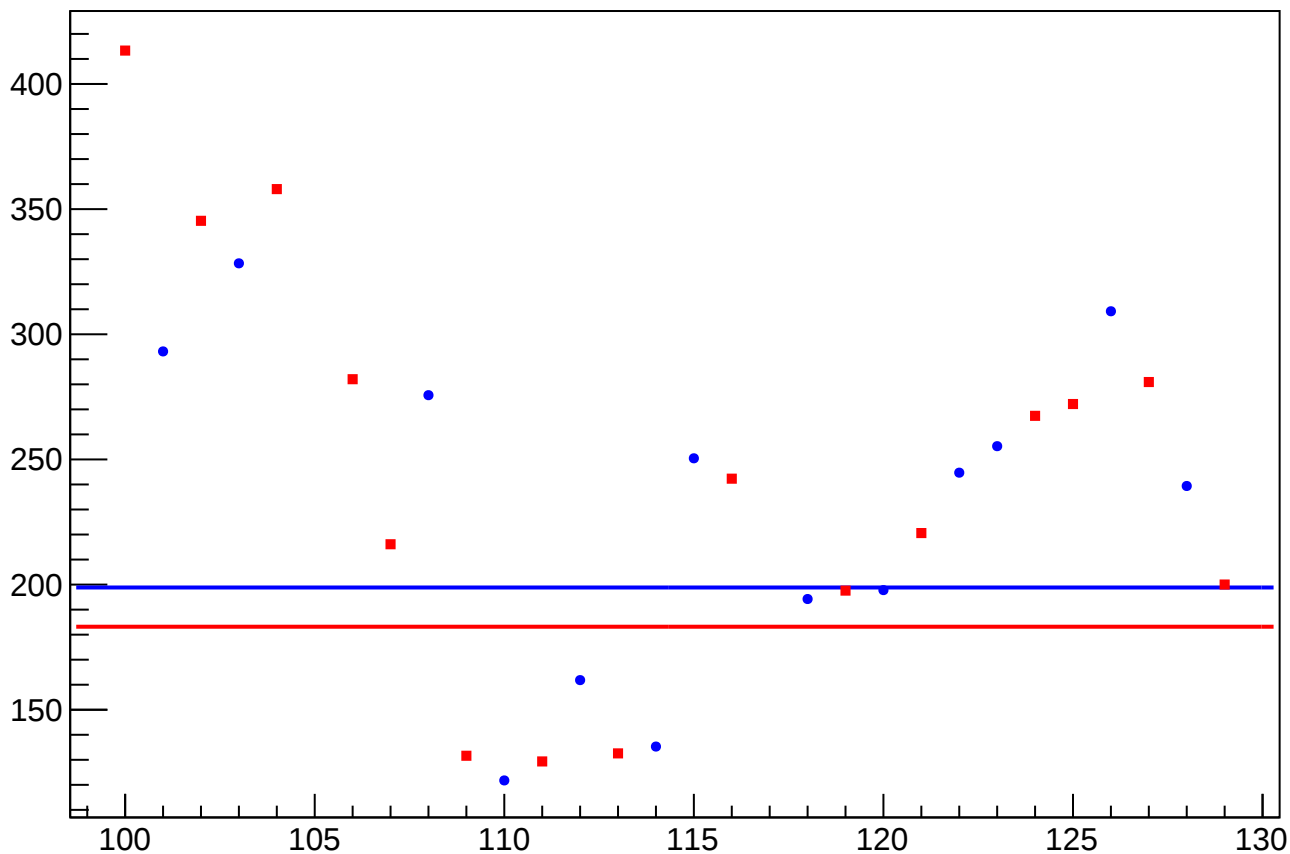
Right: -596.970+/-63.499 χ^2 /NDF: 891.3/27

In: -55.650+/-97.392 χ^2 /NDF:260.1/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -596.970+/-63.499 χ^2 /NDF: 891.3/27

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 198.843+/-0.069 χ^2/NDF : 878731.5/12

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

Right Out: 183.171+/-0.059 χ^2/NDF : 1259684.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

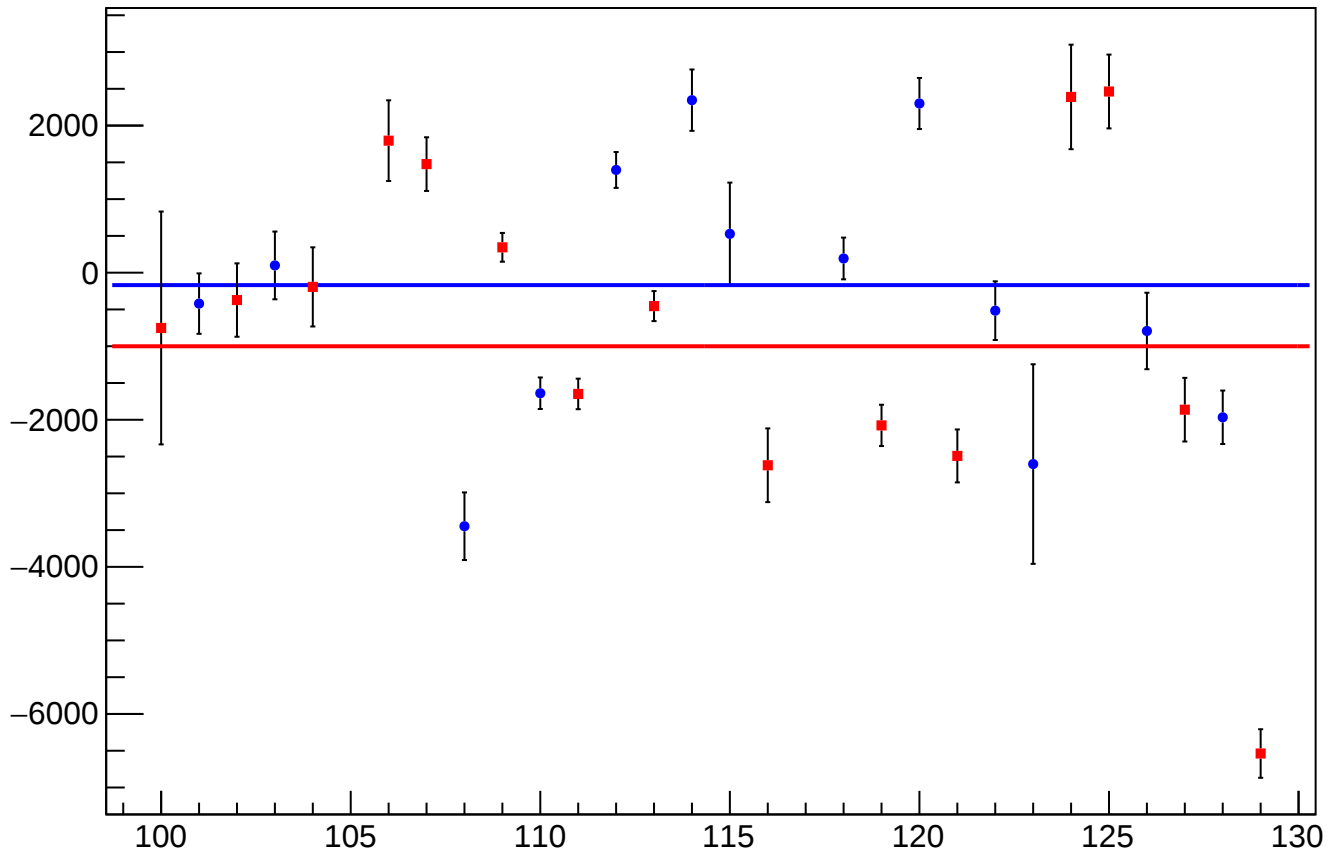
Right: 189.833+/-0.045 χ^2/NDF : 2168189.7/27

In: 198.843+/-0.069 χ^2/NDF :878731.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 189.833+/-0.045 χ^2/NDF : 2168189.7/27

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: -169.113+/-99.725 χ^2/NDF : 259.1/12

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

Right Out: -1000.564+/-85.471 χ^2/NDF : 537.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

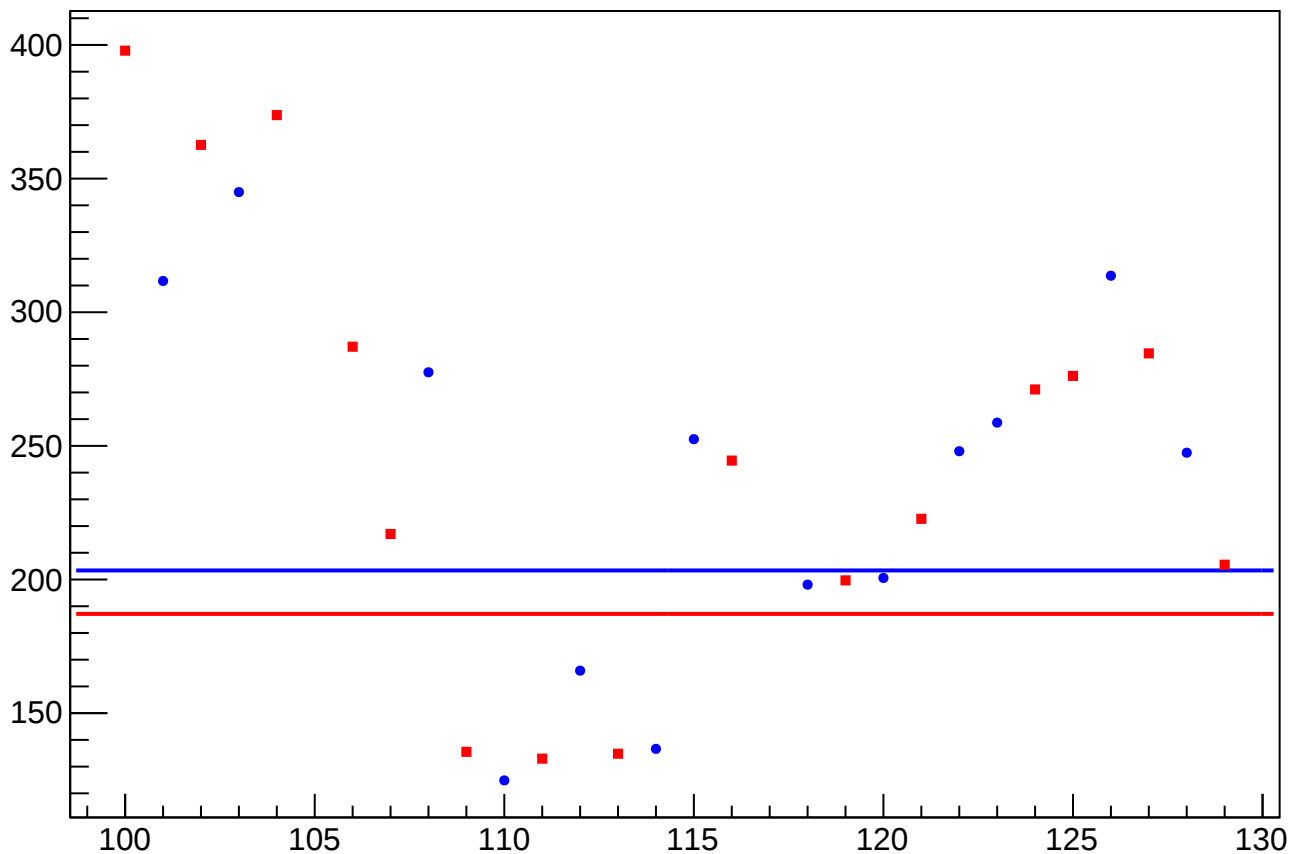
Right: -648.455+/-64.897 χ^2/NDF : 837.1/27

In: -169.113+/-99.725 χ^2/NDF :259.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -648.455+/-64.897 χ^2/NDF : 837.1/27

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 203.393+/-0.071 χ^2/NDF : 905366.3/12

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

Right Out: 187.137+/-0.060 χ^2/NDF : 1258006.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

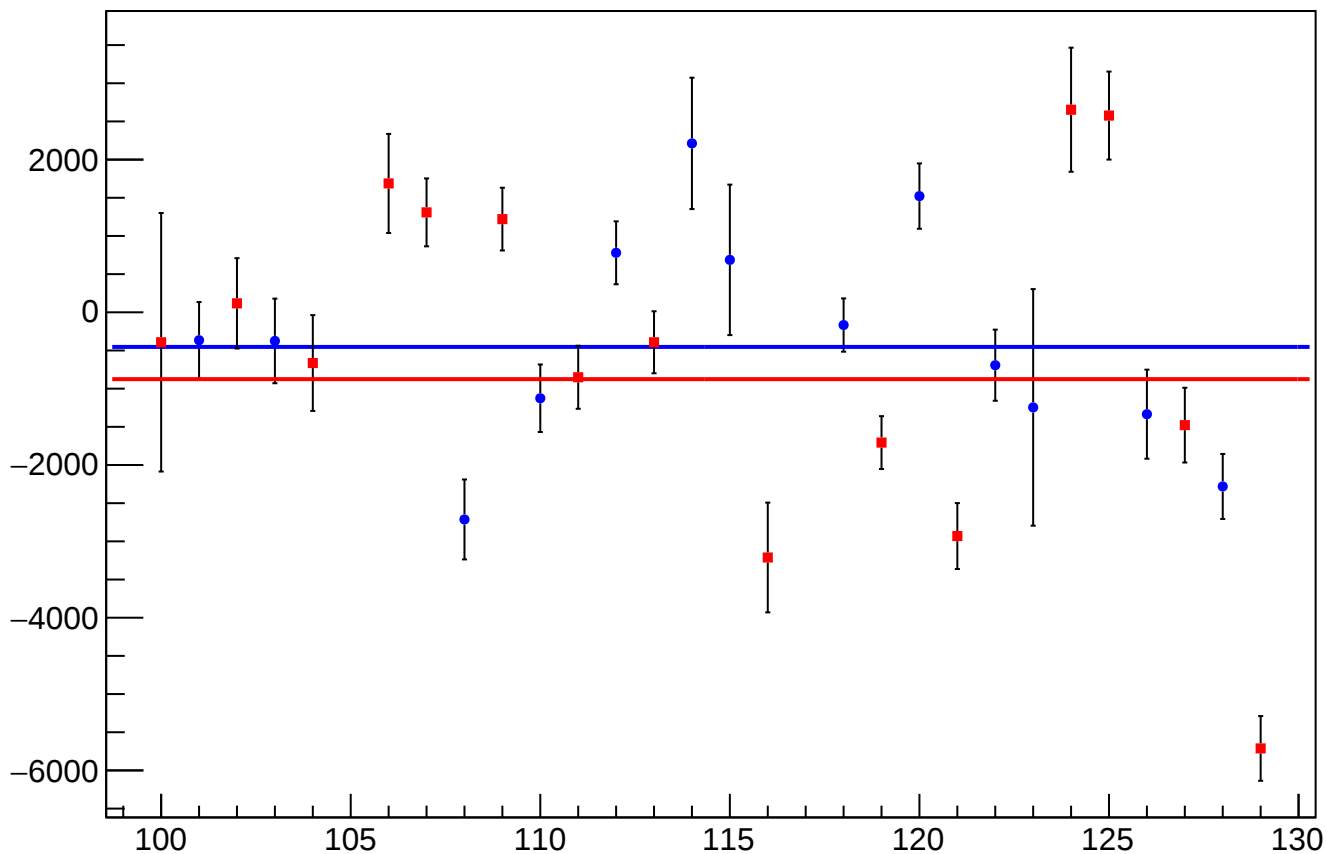
Right: 194.021+/-0.046 χ^2/NDF : 2194011.6/27

In: 203.393+/-0.071 χ^2/NDF :905366.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 194.021+/-0.046 χ^2/NDF : 2194011.6/27

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -453.268 ± 139.391 χ^2/NDF : 84.1/12

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

Right Out: -875.375 ± 128.118 χ^2/NDF : 295.5/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

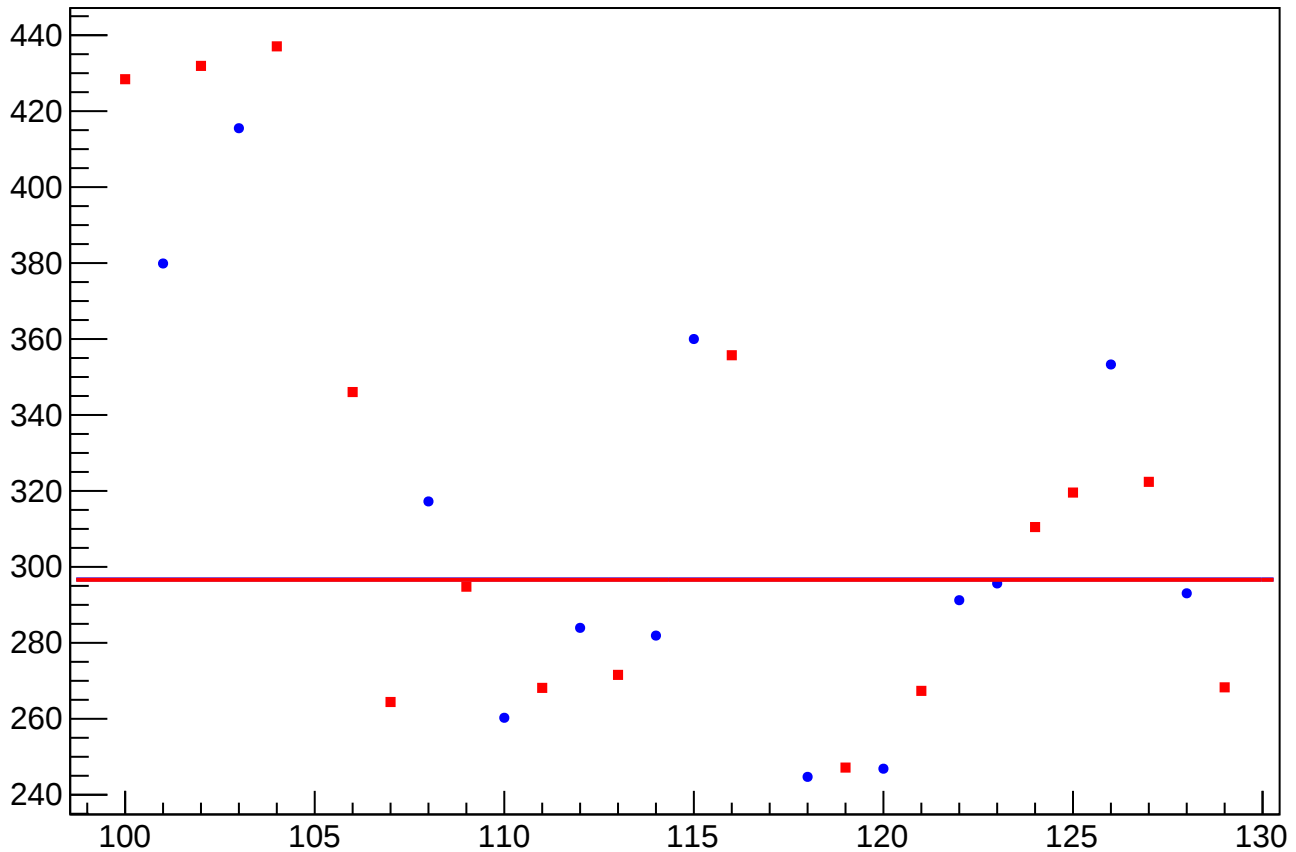
Right: -682.078 ± 94.327 χ^2/NDF : 384.6/27

In: -453.268 ± 139.391 χ^2/NDF : 84.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -682.078 ± 94.327 χ^2/NDF : 384.6/27

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 296.697 $\pm$ 0.099 χ^2 /NDF: 265653.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 296.598 $\pm$ 0.091 χ^2 /NDF: 337807.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

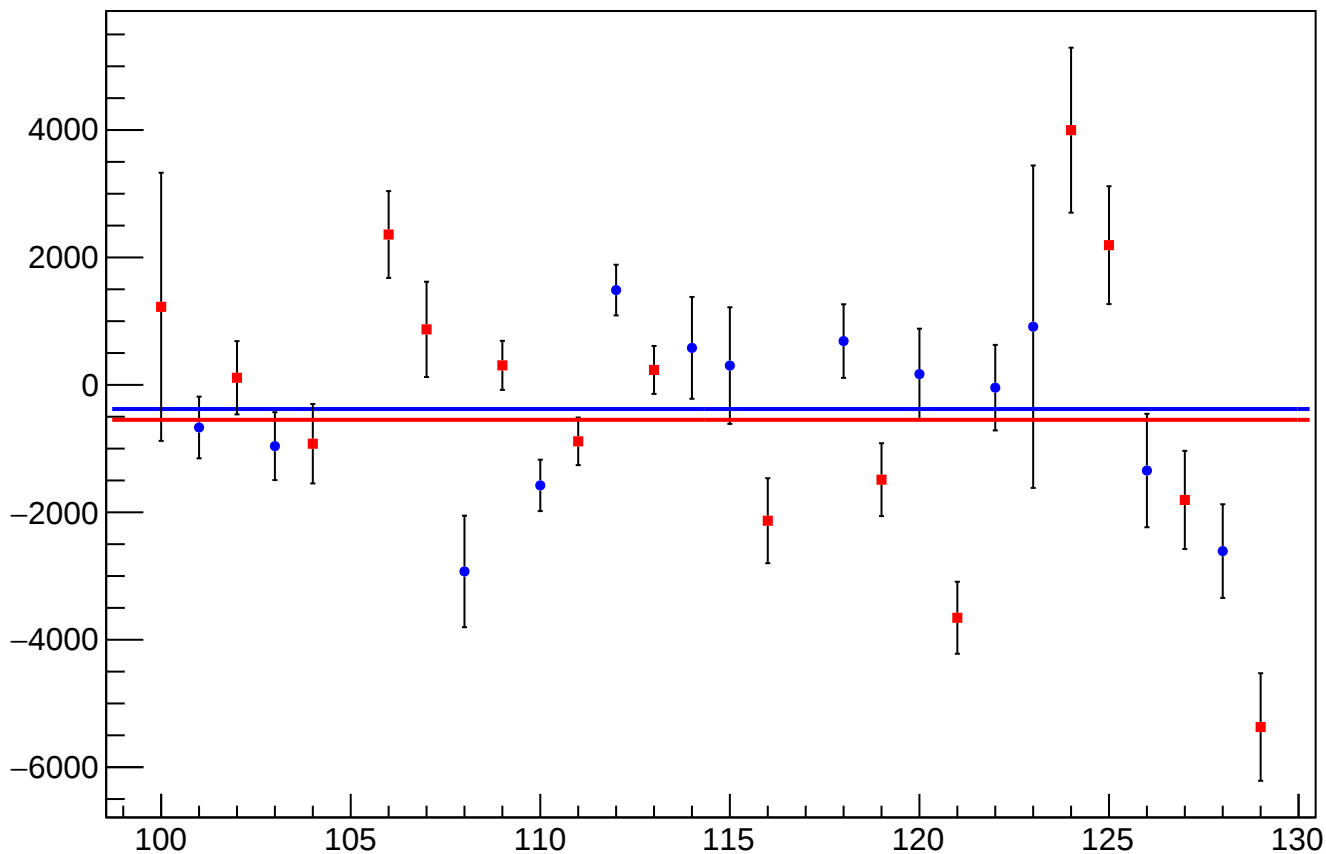
Right: 296.643 $\pm$ 0.067 χ^2 /NDF: 603462.1/27

In: 296.697 $\pm$ 0.099 χ^2 /NDF:265653.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 296.643 $\pm$ 0.067 χ^2 /NDF: 603462.1/27

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -378.672+/-169.549 χ^2 /NDF: 57.8/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -548.462+/-150.696 χ^2 /NDF: 129.2/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

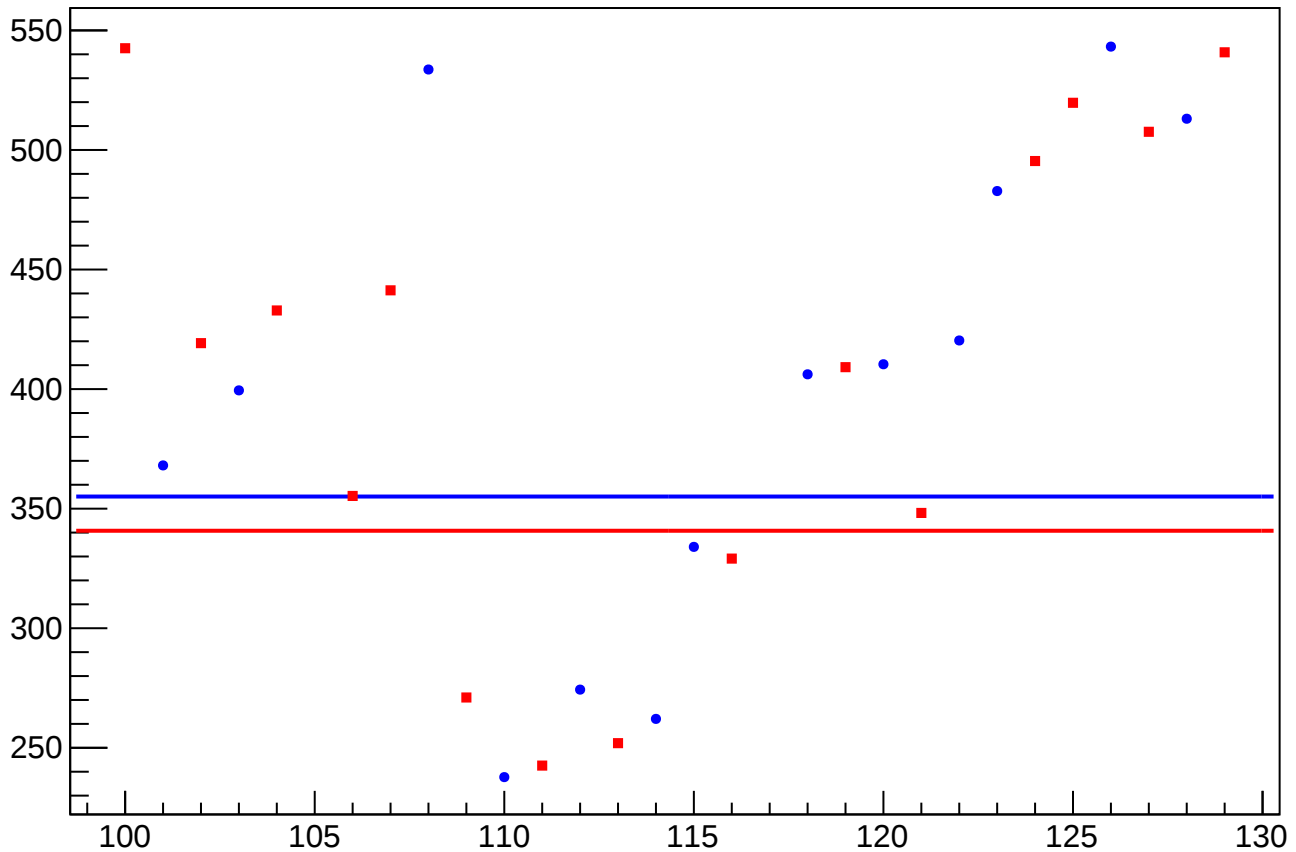
Right: -473.528+/-112.636 χ^2 /NDF: 187.6/27

In: -378.672+/-169.549 χ^2 /NDF:57.8/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -473.528+/-112.636 χ^2 /NDF: 187.6/27

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 355.074+/-0.120 χ^2/NDF : 612022.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 340.763+/-0.107 χ^2/NDF : 790791.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

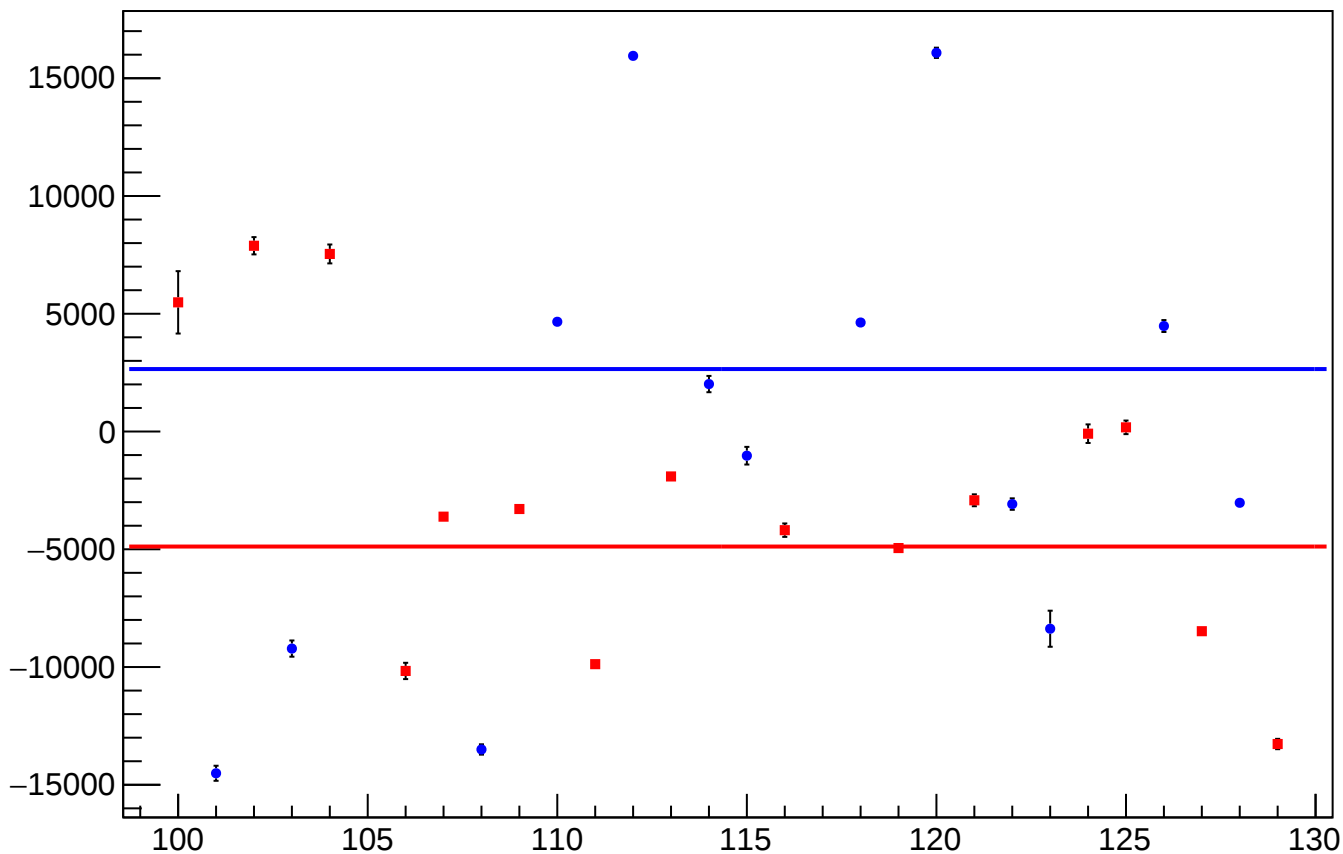
Right: 347.079+/-0.080 χ^2/NDF : 1410773.5/27

In: 355.074+/-0.120 χ^2/NDF : 612022.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 347.079+/-0.080 χ^2/NDF : 1410773.5/27

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 2652.070+/-64.774 χ^2/NDF : 21266.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4883.892+/-59.363 χ^2/NDF : 6227.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

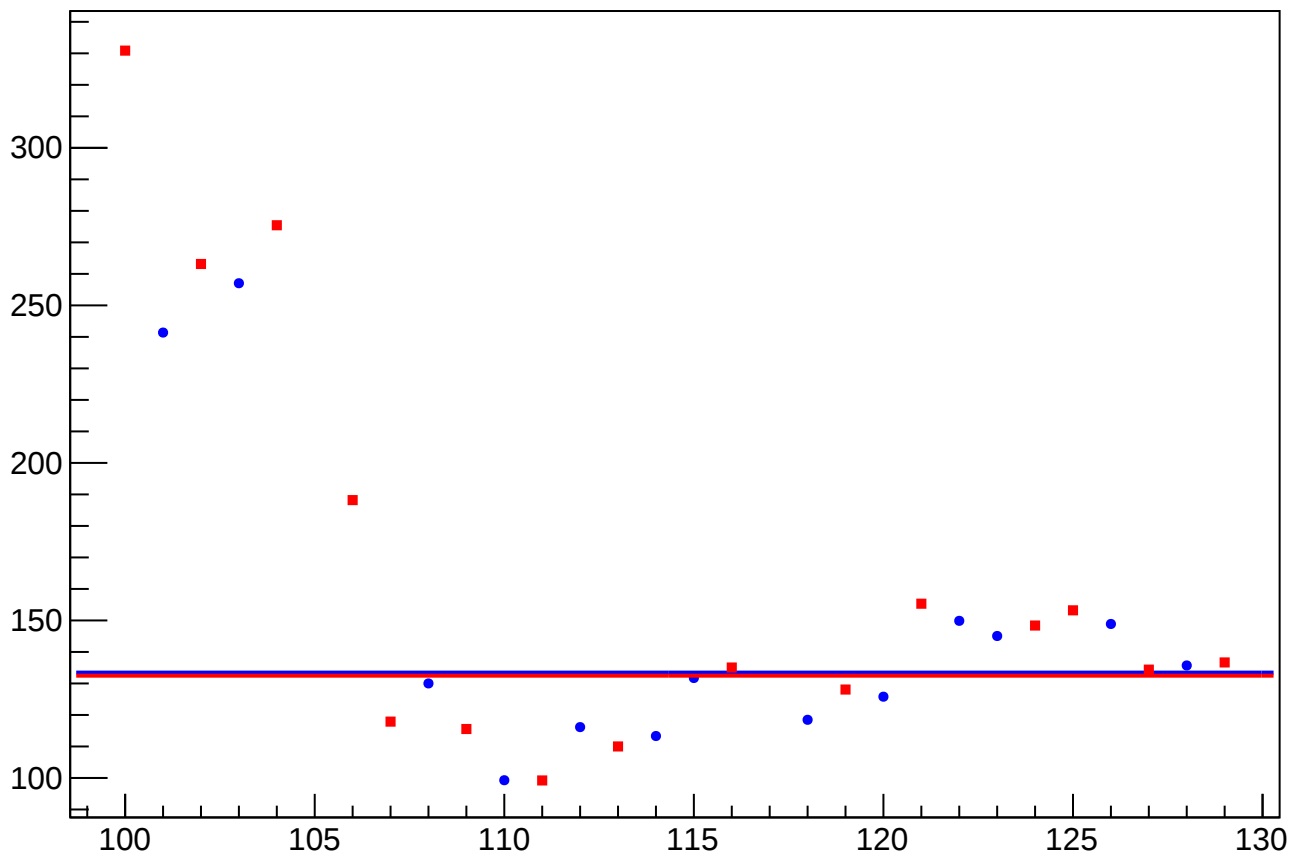
Right: -1443.742+/-43.764 χ^2/NDF : 34850.0/27

In: 2652.070+/-64.774 χ^2/NDF : 21266.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1443.742+/-43.764 χ^2/NDF : 34850.0/27

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 133.444+/-0.046 χ^2/NDF : 628790.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 132.470+/-0.042 χ^2/NDF : 796629.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

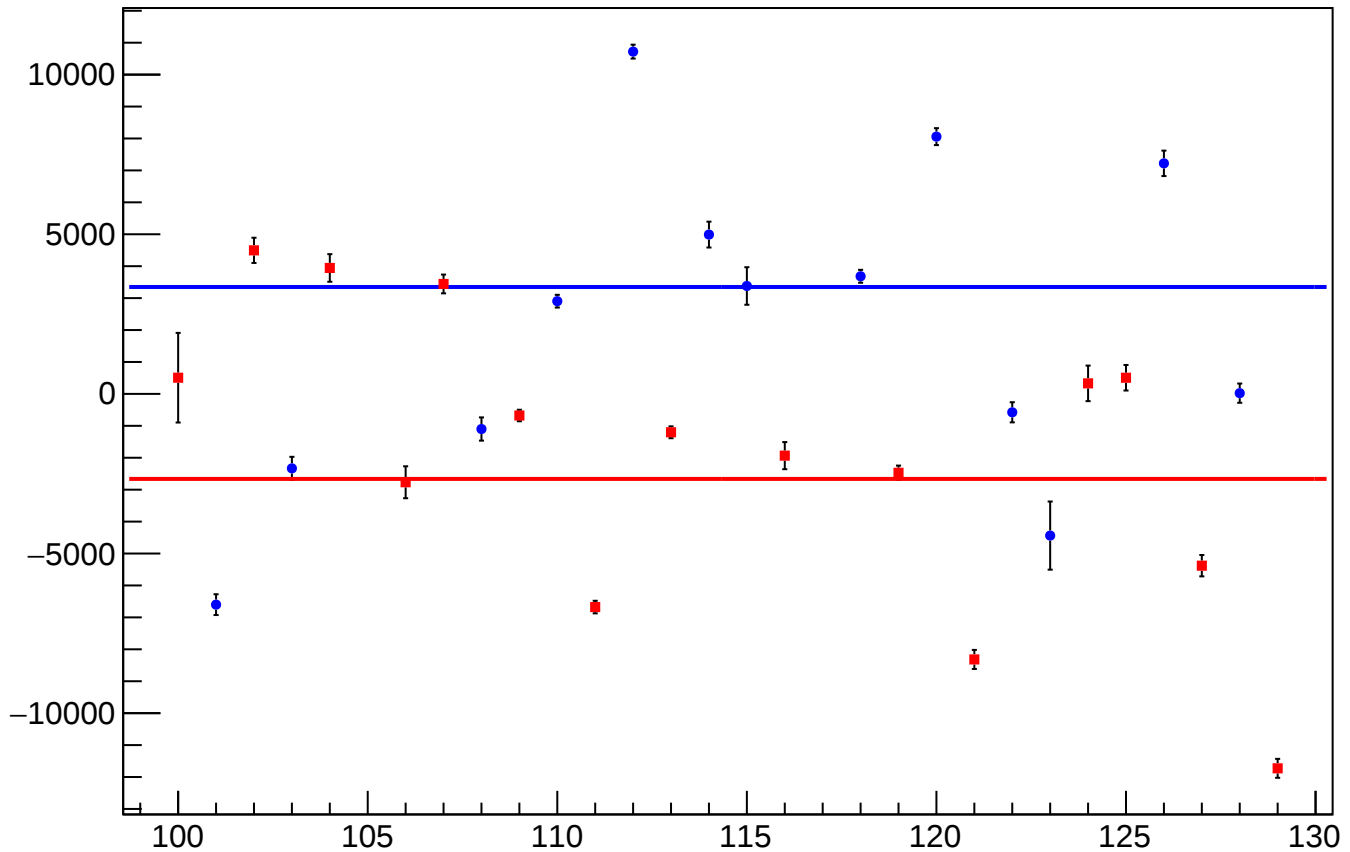
Right: 132.915+/-0.031 χ^2/NDF : 1425665.7/27

In: 133.444+/-0.046 χ^2/NDF :628790.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 132.915+/-0.031 χ^2/NDF : 1425665.7/27

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 3348.545+/-82.581 χ^2/NDF : 3240.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2662.887+/-74.627 χ^2/NDF : 3051.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

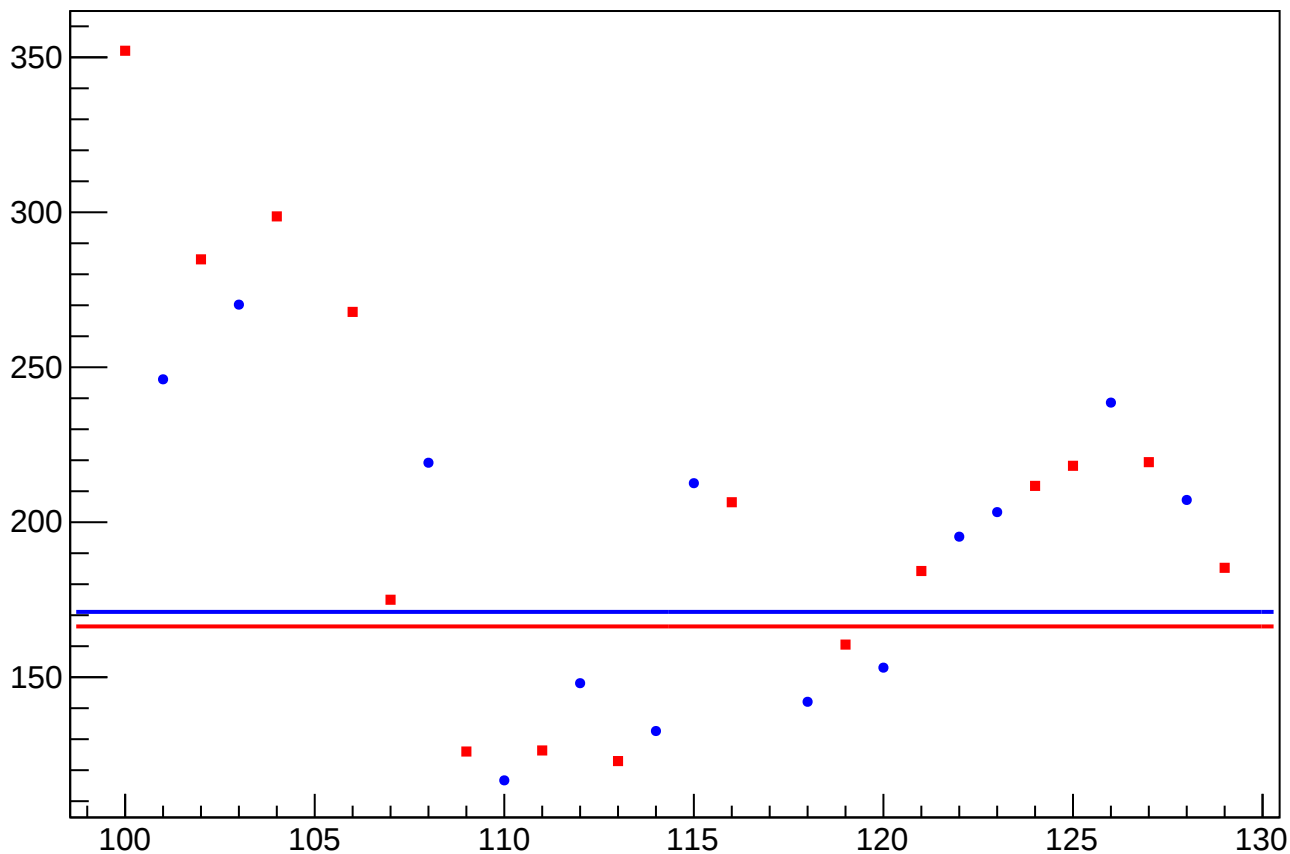
Right: 39.450+/-55.368 χ^2/NDF : 9208.5/27

In: 3348.545+/-82.581 χ^2/NDF : 3240.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.450+/-55.368 χ^2/NDF : 9208.5/27

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 171.072+/-0.058 χ^2/NDF : 640342.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 166.380+/-0.053 χ^2/NDF : 910248.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

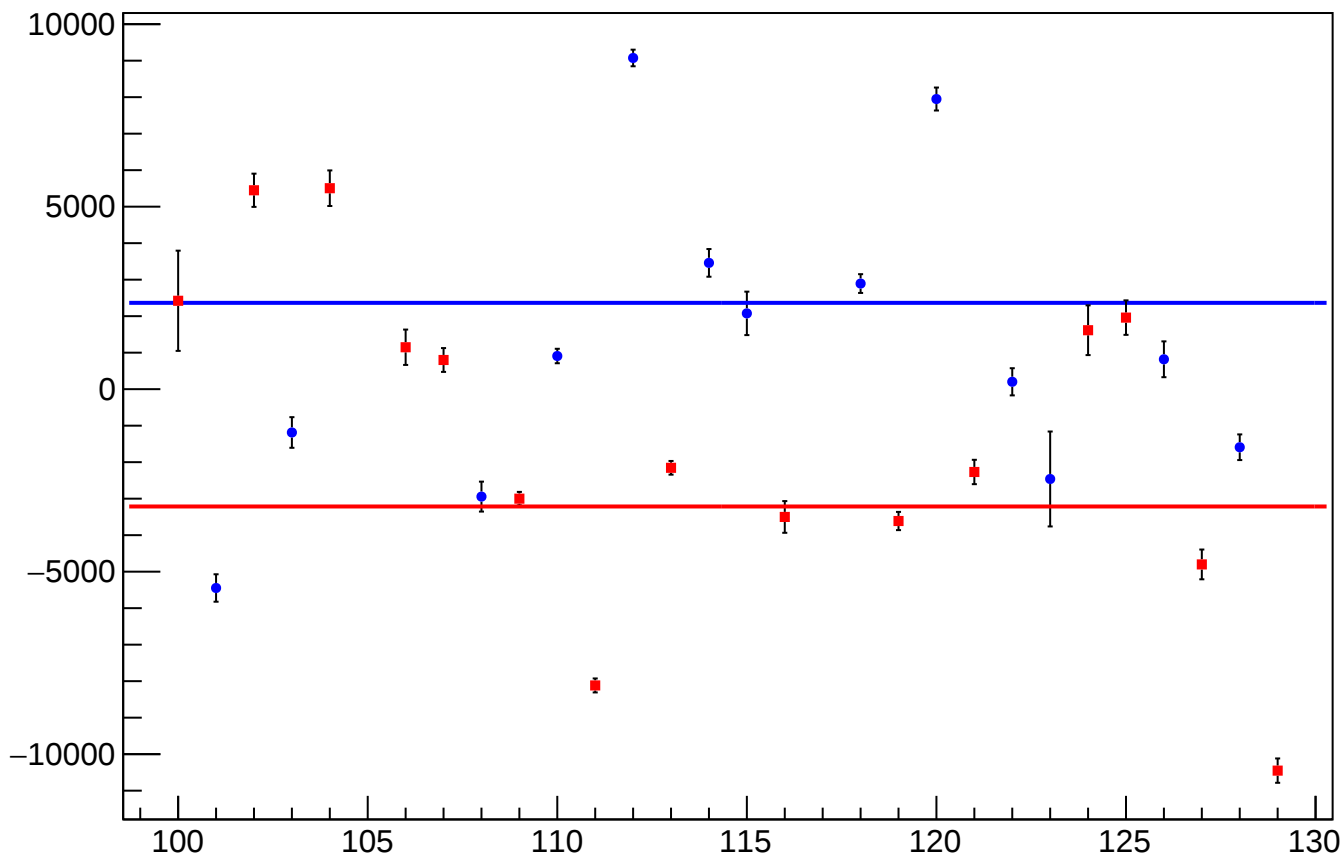
Right: 168.489+/-0.039 χ^2/NDF : 1554144.7/27

In: 171.072+/-0.058 χ^2/NDF :640342.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 168.489+/-0.039 χ^2/NDF : 1554144.7/27

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 2365.003+/-91.838 χ^2/NDF : 2107.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3214.199+/-79.072 χ^2/NDF : 2287.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

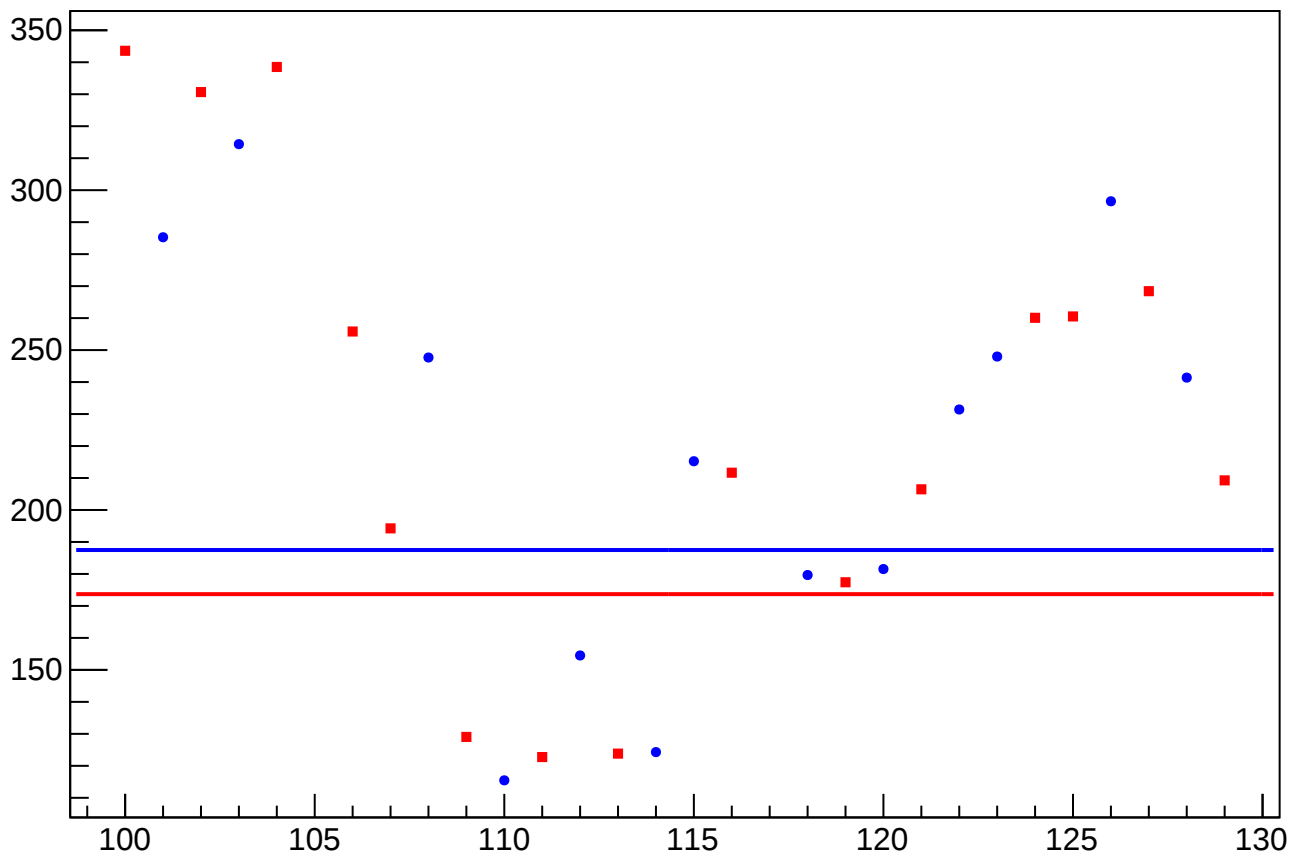
Right: -839.010+/-59.922 χ^2/NDF : 6514.6/27

In: 2365.003+/-91.838 χ^2/NDF :2107.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -839.010+/-59.922 χ^2/NDF : 6514.6/27

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 187.481+/-0.065 χ^2/NDF : 907931.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.683+/-0.056 χ^2/NDF : 1226860.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

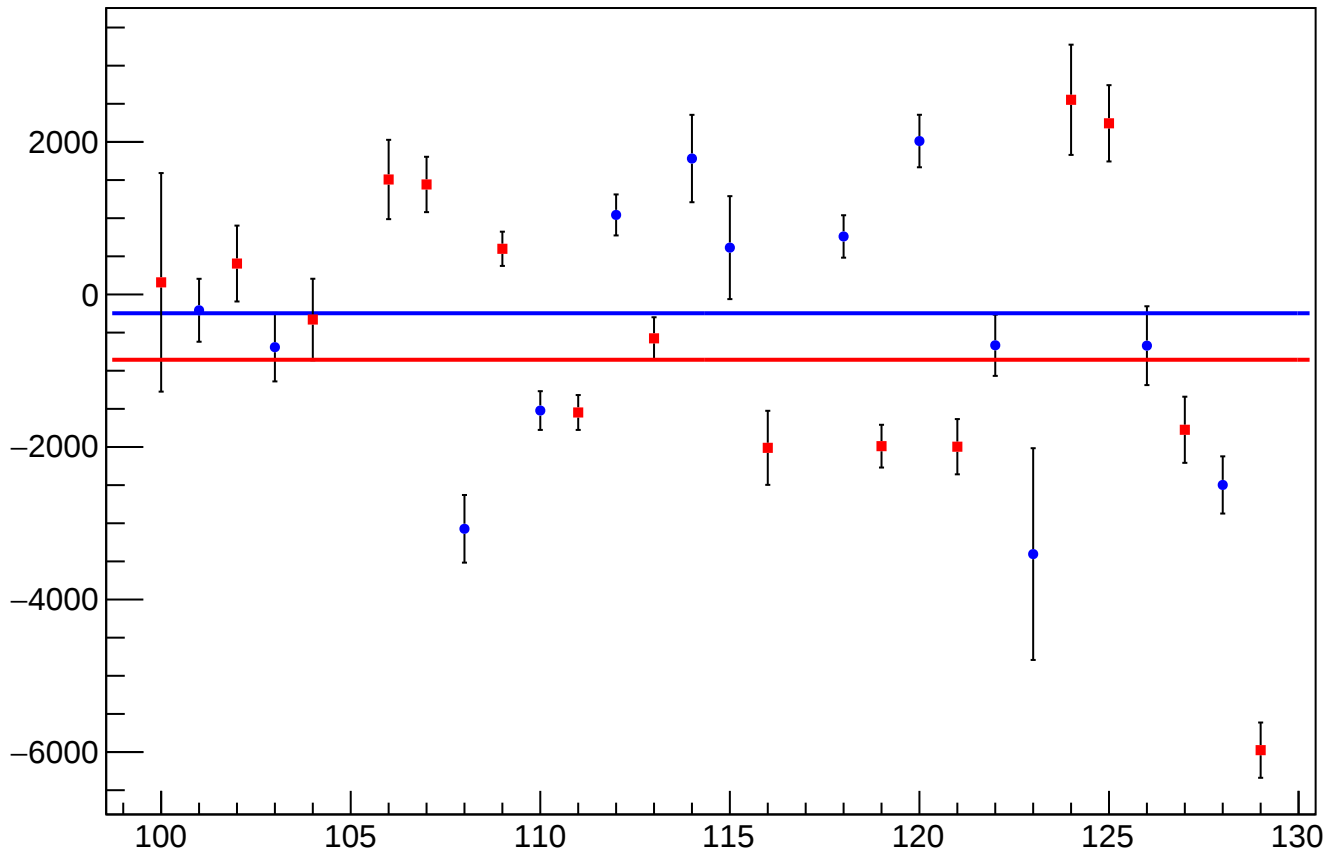
Right: 179.557+/-0.042 χ^2/NDF : 2160715.9/27

In: 187.481+/-0.065 χ^2/NDF : 907931.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.557+/-0.042 χ^2/NDF : 2160715.9/27

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -246.333+/-105.739 χ^2/NDF : 203.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -856.166+/-93.338 χ^2/NDF : 417.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

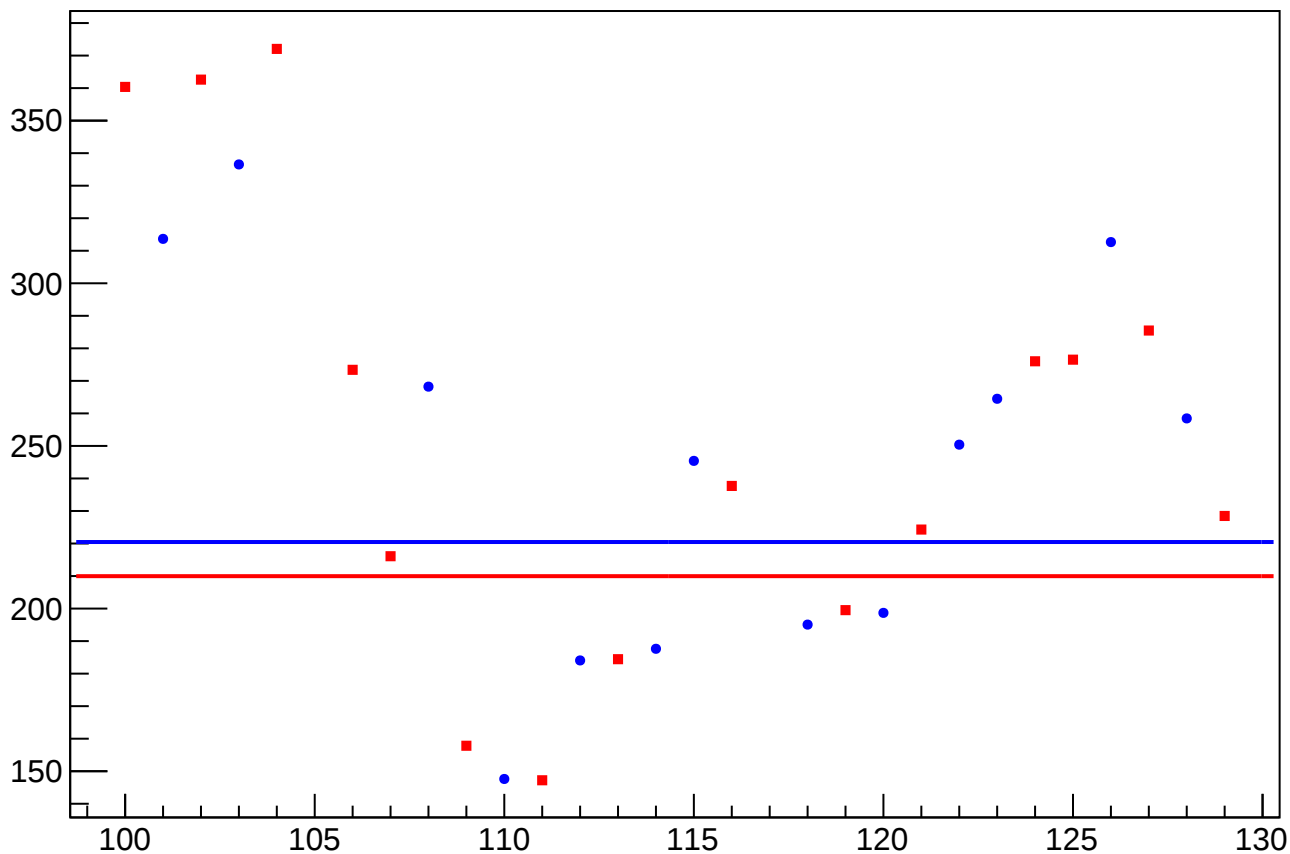
Right: -589.089+/-69.976 χ^2/NDF : 639.2/27

In: -246.333+/-105.739 χ^2/NDF : 203.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -589.089+/-69.976 χ^2/NDF : 639.2/27

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 220.461 ± 0.075 χ^2/NDF : 591433.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 209.963 ± 0.066 χ^2/NDF : 830498.0/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

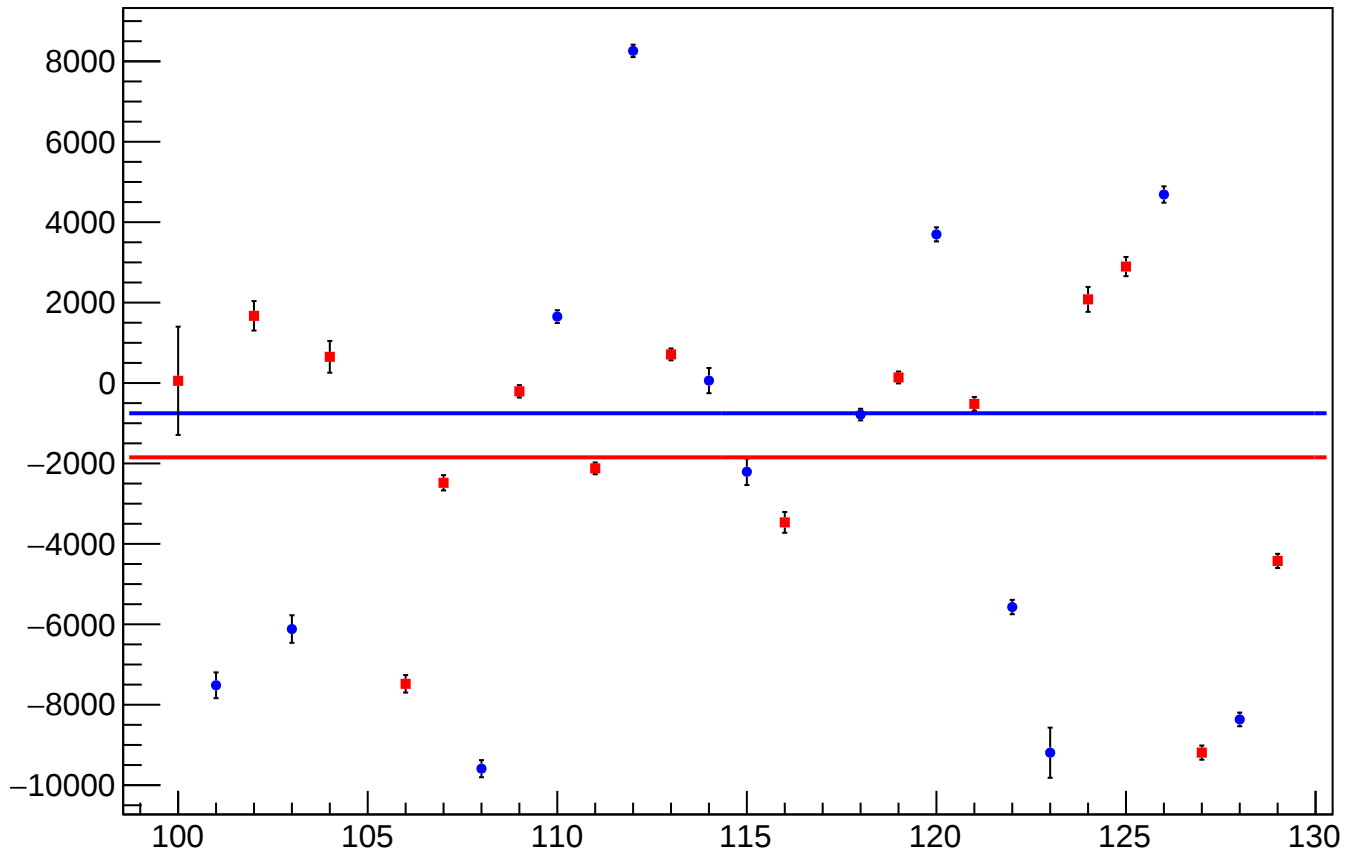
Right: 214.561 ± 0.049 χ^2/NDF : 1433010.3/27

In: 220.461 ± 0.075 χ^2/NDF : 591433.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 214.561 ± 0.049 χ^2/NDF : 1433010.3/27

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -751.821+/-56.503 χ^2/NDF : 10320.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1848.017+/-50.927 χ^2/NDF : 4017.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

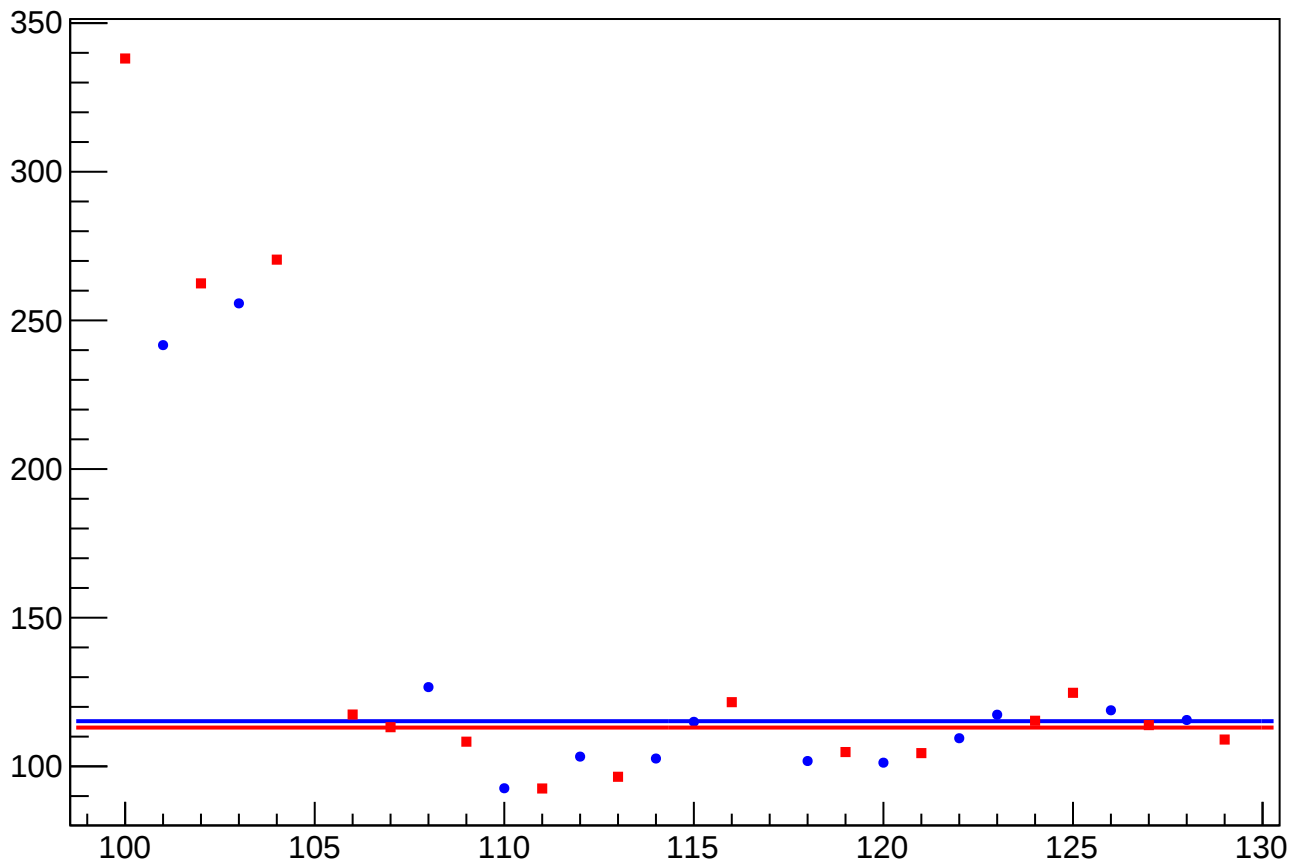
Right: -1356.667+/-37.829 χ^2/NDF : 14545.8/27

In: -751.821+/-56.503 χ^2/NDF :10320.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1356.667+/-37.829 χ^2/NDF : 14545.8/27

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 115.194+/-0.040 χ^2/NDF : 740600.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.043+/-0.036 χ^2/NDF : 793226.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

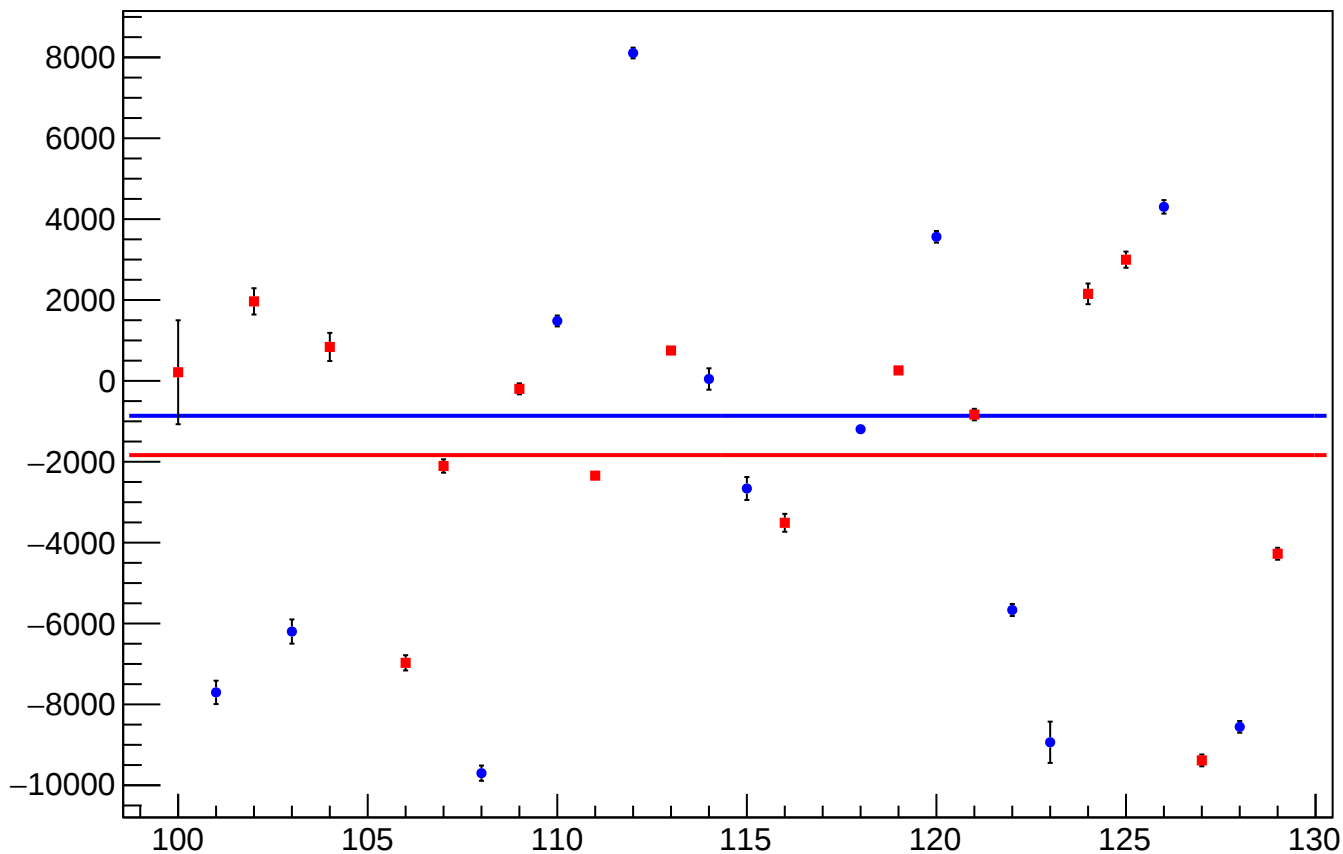
Right: 114.007+/-0.027 χ^2/NDF : 1535425.8/27

In: 115.194+/-0.040 χ^2/NDF : 740600.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.007+/-0.027 χ^2/NDF : 1535425.8/27

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: -863.262+/-47.692 χ^2/NDF : 14023.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1835.789+/-43.034 χ^2/NDF : 5728.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

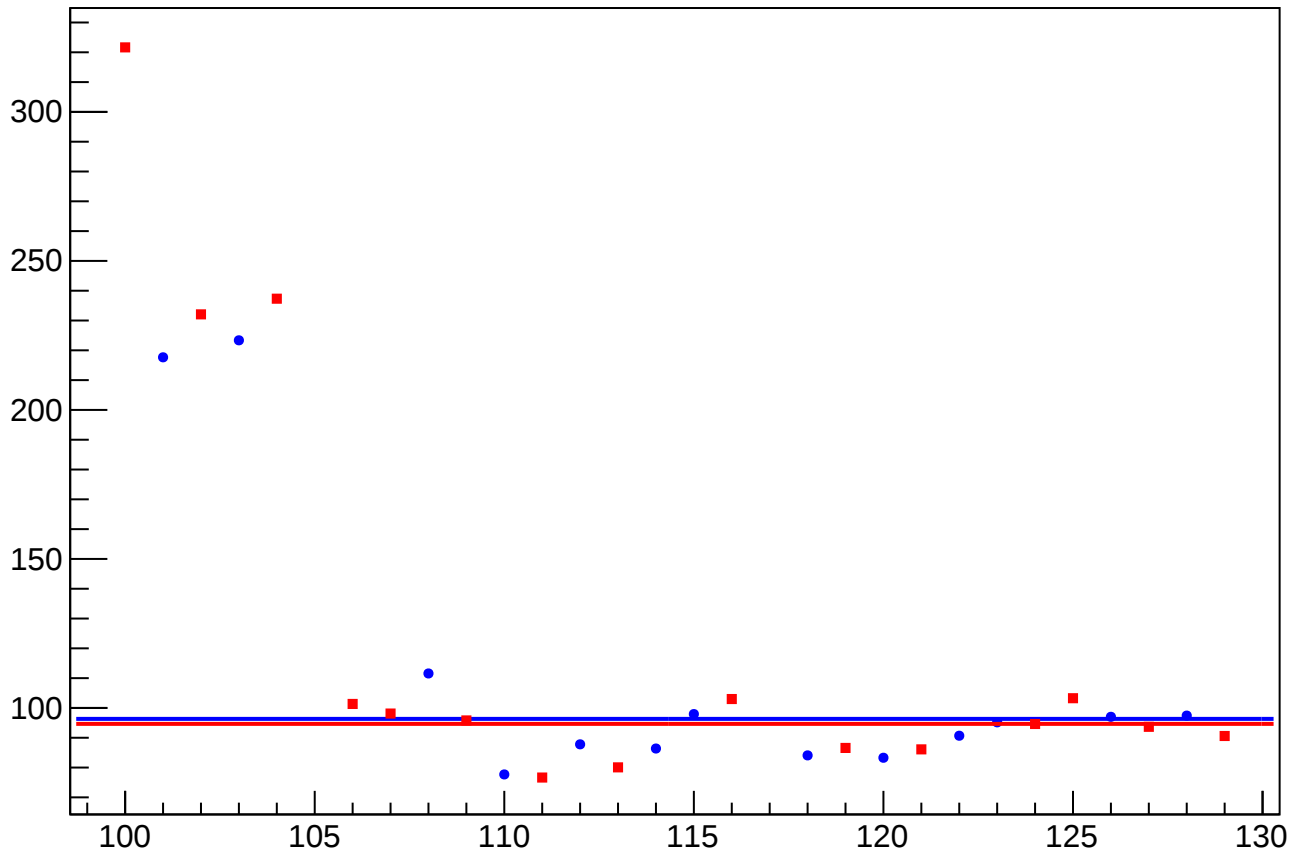
Right: -1399.324+/-31.950 χ^2/NDF : 19981.4/27

In: -863.262+/-47.692 χ^2/NDF :14023.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1399.324+/-31.950 χ^2/NDF : 19981.4/27

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 96.333+/-0.034 χ^2/NDF : 814150.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.657+/-0.030 χ^2/NDF : 855719.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

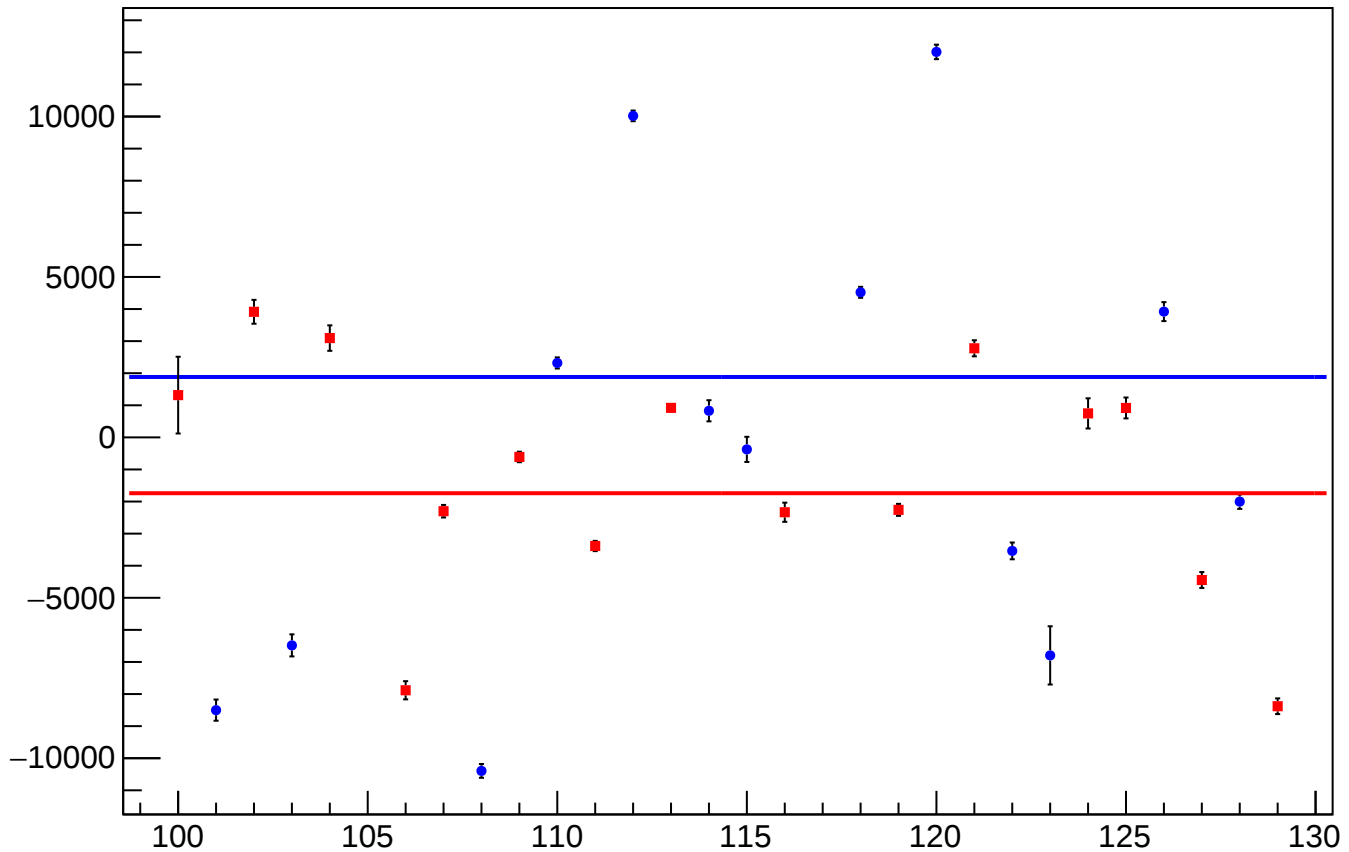
Right: 95.409+/-0.023 χ^2/NDF : 1671230.4/27

In: 96.333+/-0.034 χ^2/NDF : 814150.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.409+/-0.023 χ^2/NDF : 1671230.4/27

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 1882.349+/-66.745 χ^2/NDF : 10384.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1740.537+/-60.587 χ^2/NDF : 2589.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

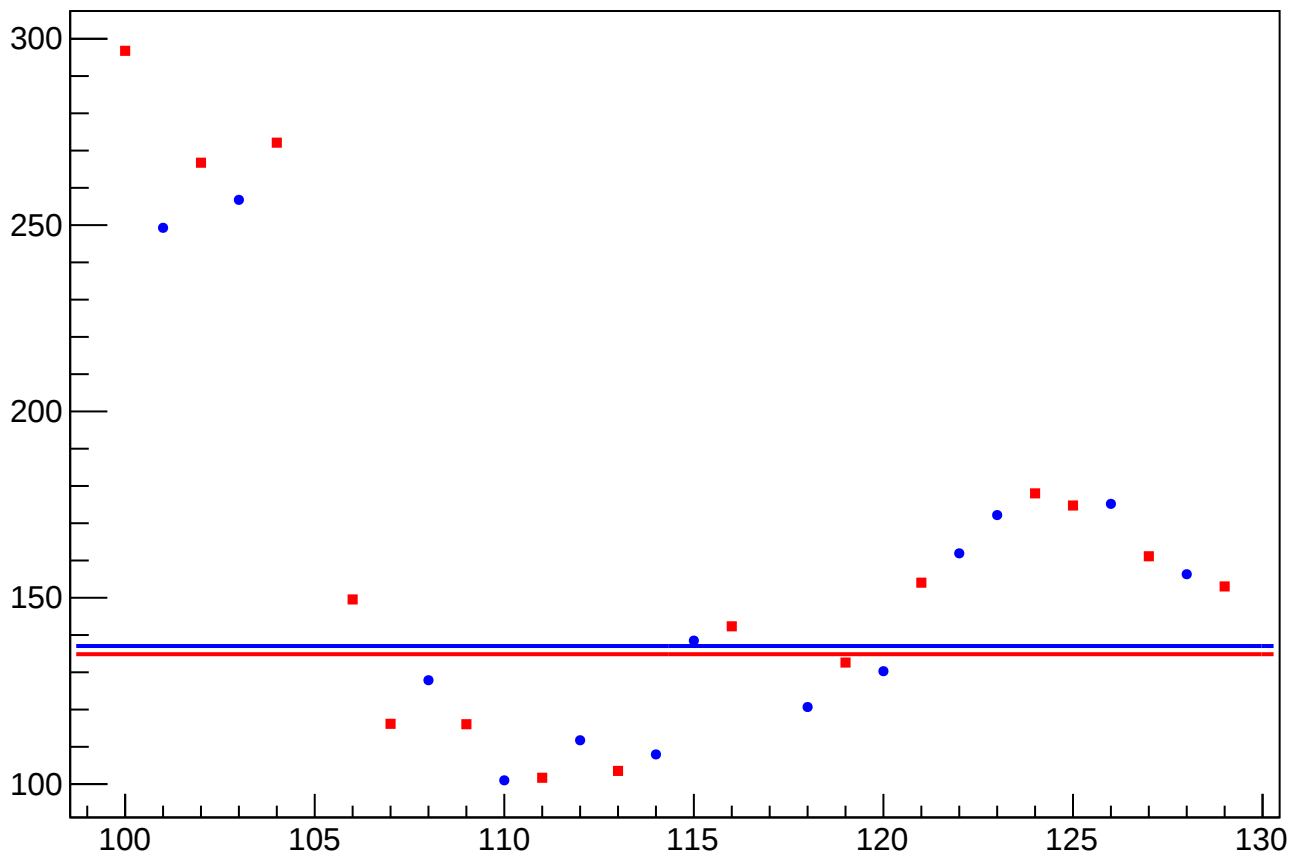
Right: -103.901+/-44.861 χ^2/NDF : 14588.7/27

In: 1882.349+/-66.745 χ^2/NDF : 10384.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -103.901+/-44.861 χ^2/NDF : 14588.7/27

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 137.049+/-0.047 χ^2/NDF : 713123.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.856+/-0.043 χ^2/NDF : 835870.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

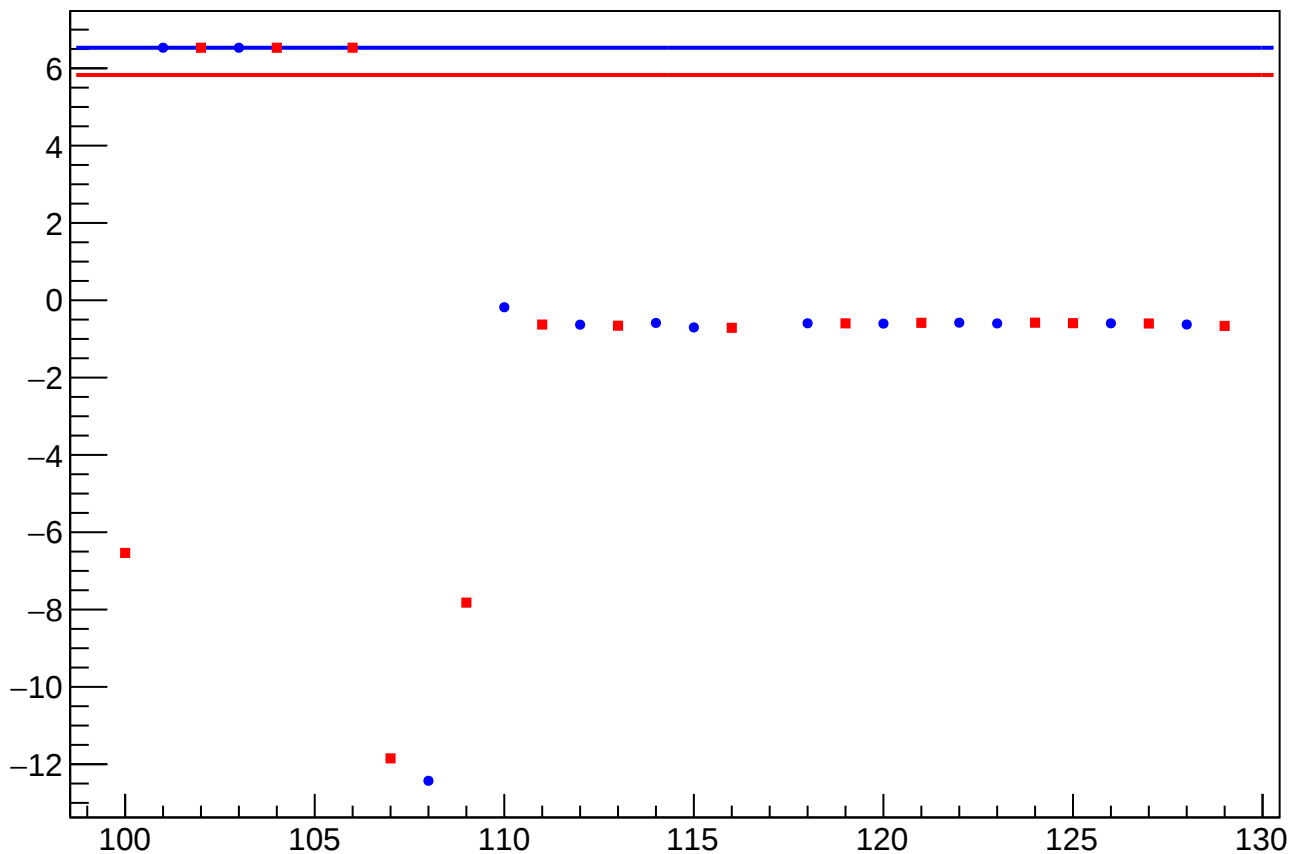
Right: 135.847+/-0.032 χ^2/NDF : 1550178.1/27

In: 137.049+/-0.047 χ^2/NDF : 713123.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.847+/-0.032 χ^2/NDF : 1550178.1/27

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 6.532+/-0.000 χ^2/NDF : 73838500530.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.828+/-0.000 χ^2/NDF : 755916825454092.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

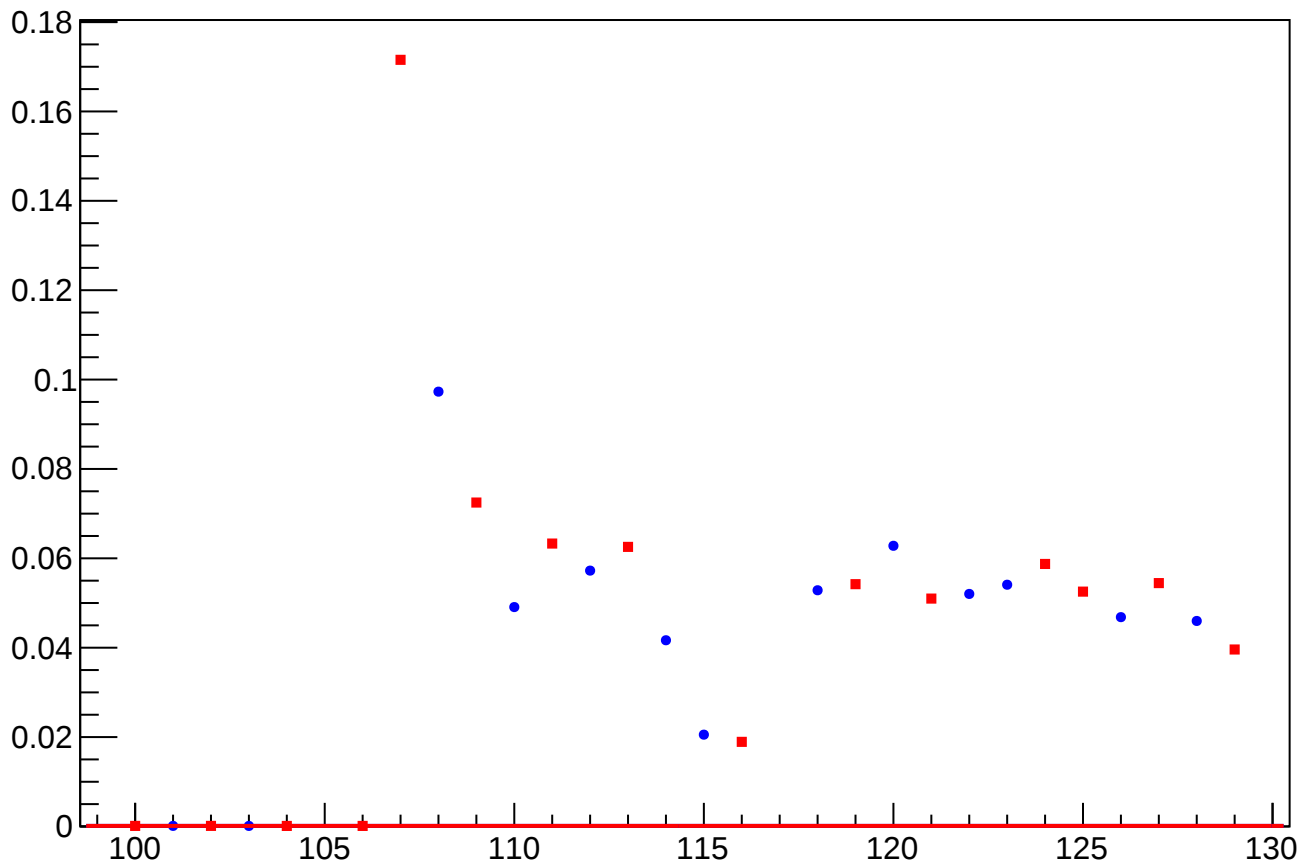
Right: 6.155+/-0.000 χ^2/NDF : 775996146490867.8

In: 6.532+/-0.000 χ^2/NDF : 73838500530.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.155+/-0.000 χ^2/NDF : 775996146490867.8

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6100579.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7039424.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

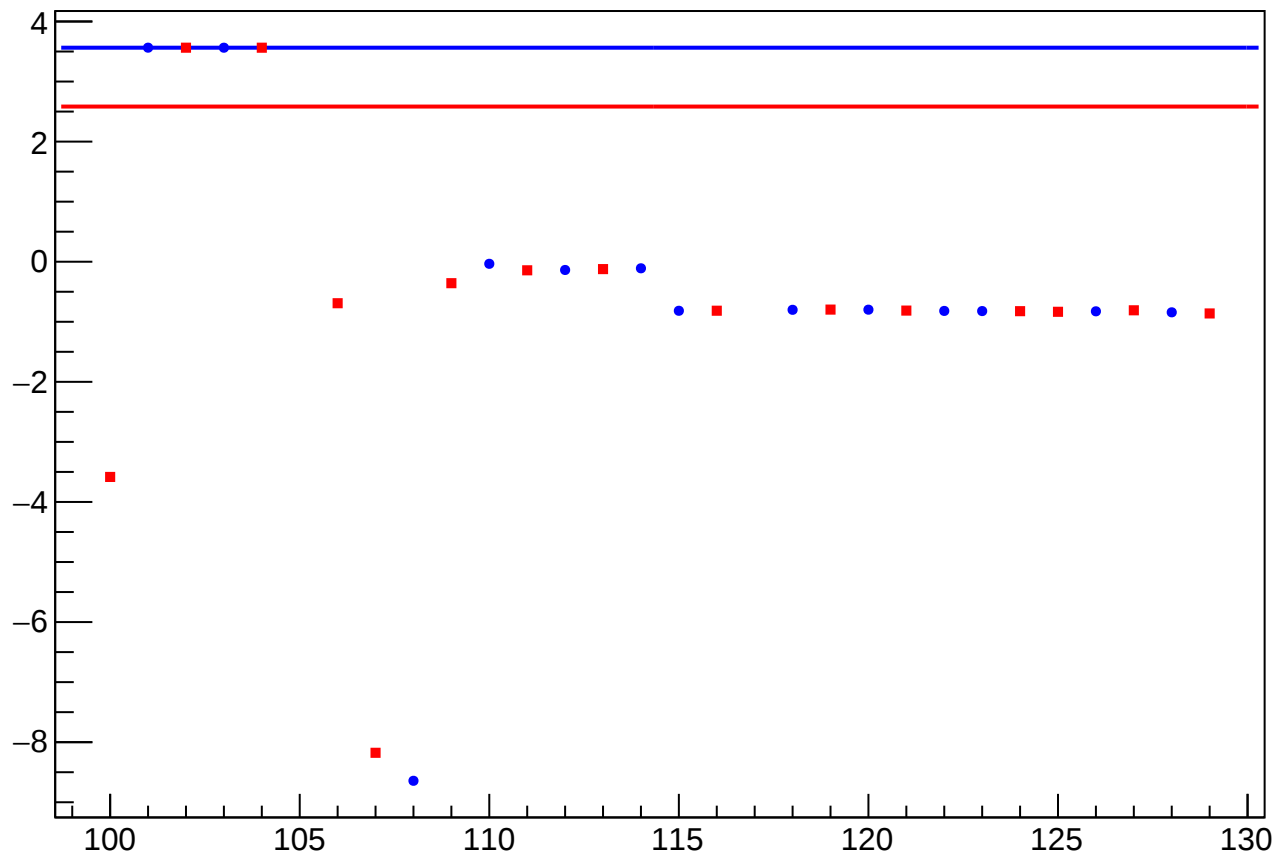
Right: 0.000+/-0.000 χ^2/NDF : 13140203.2/27

In: 0.000+/-0.000 χ^2/NDF : 6100579.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13140203.2/27

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 3.564+/-0.000 χ^2/NDF : 164475250794.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.584+/-0.000 χ^2/NDF : 1253347389350841.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

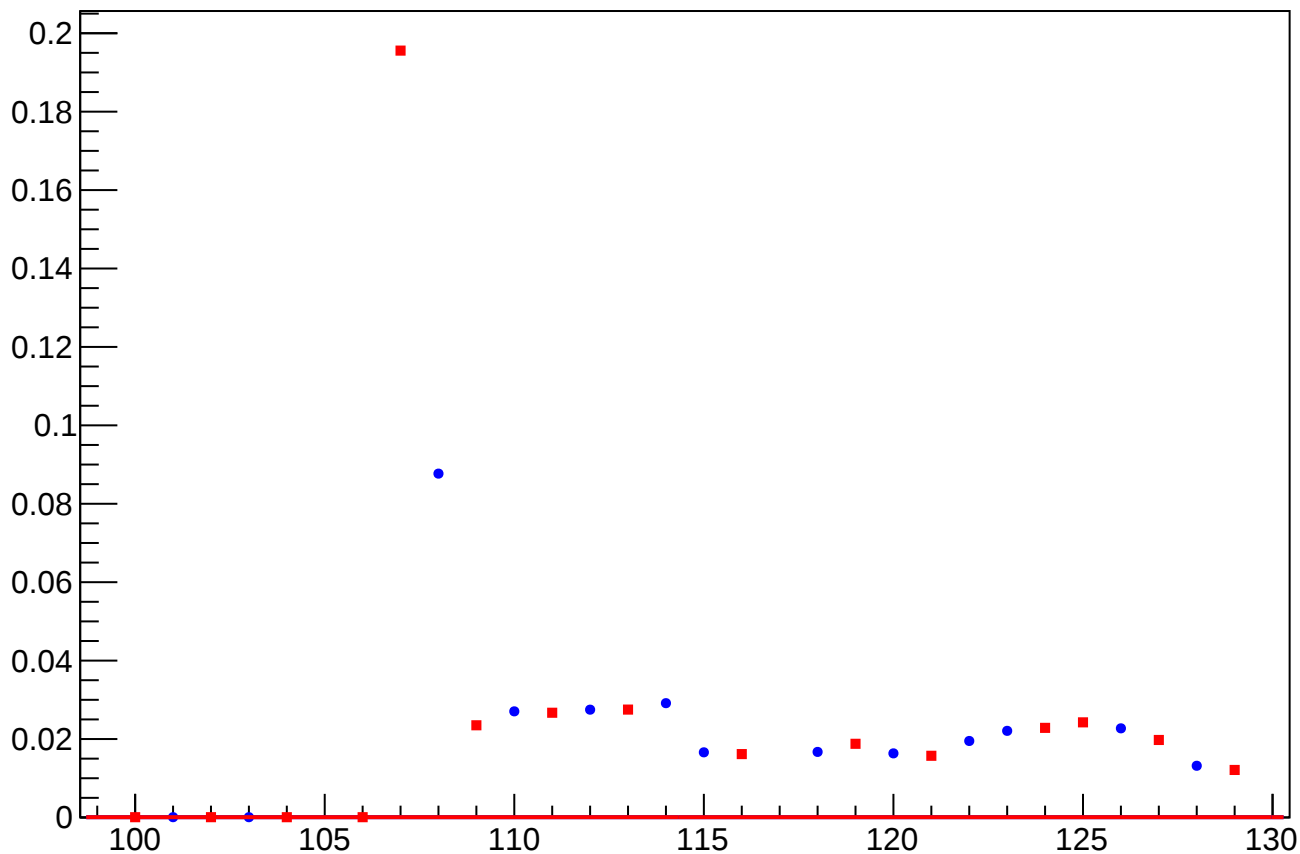
Right: 3.041+/-0.000 χ^2/NDF : 1381809895693314.7

In: 3.564+/-0.000 χ^2/NDF : 164475250794.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.041+/-0.000 χ^2/NDF : 1381809895693314.7

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6424157.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7264313.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

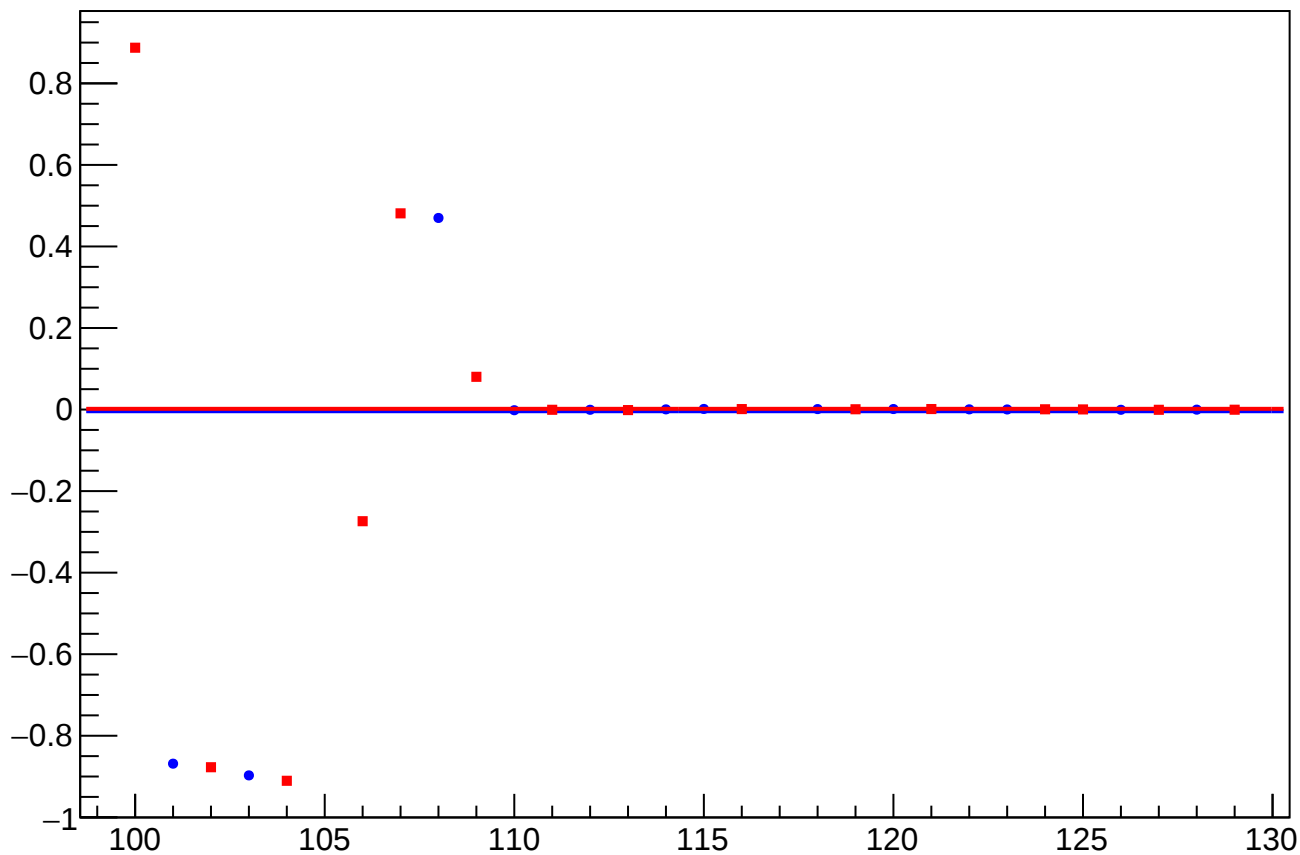
Right: 0.000+/-0.000 χ^2/NDF : 13688648.1/27

In: 0.000+/-0.000 χ^2/NDF : 6424157.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13688648.1/27

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.004+/-0.000 χ^2/NDF : 9786026189.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3040249686.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

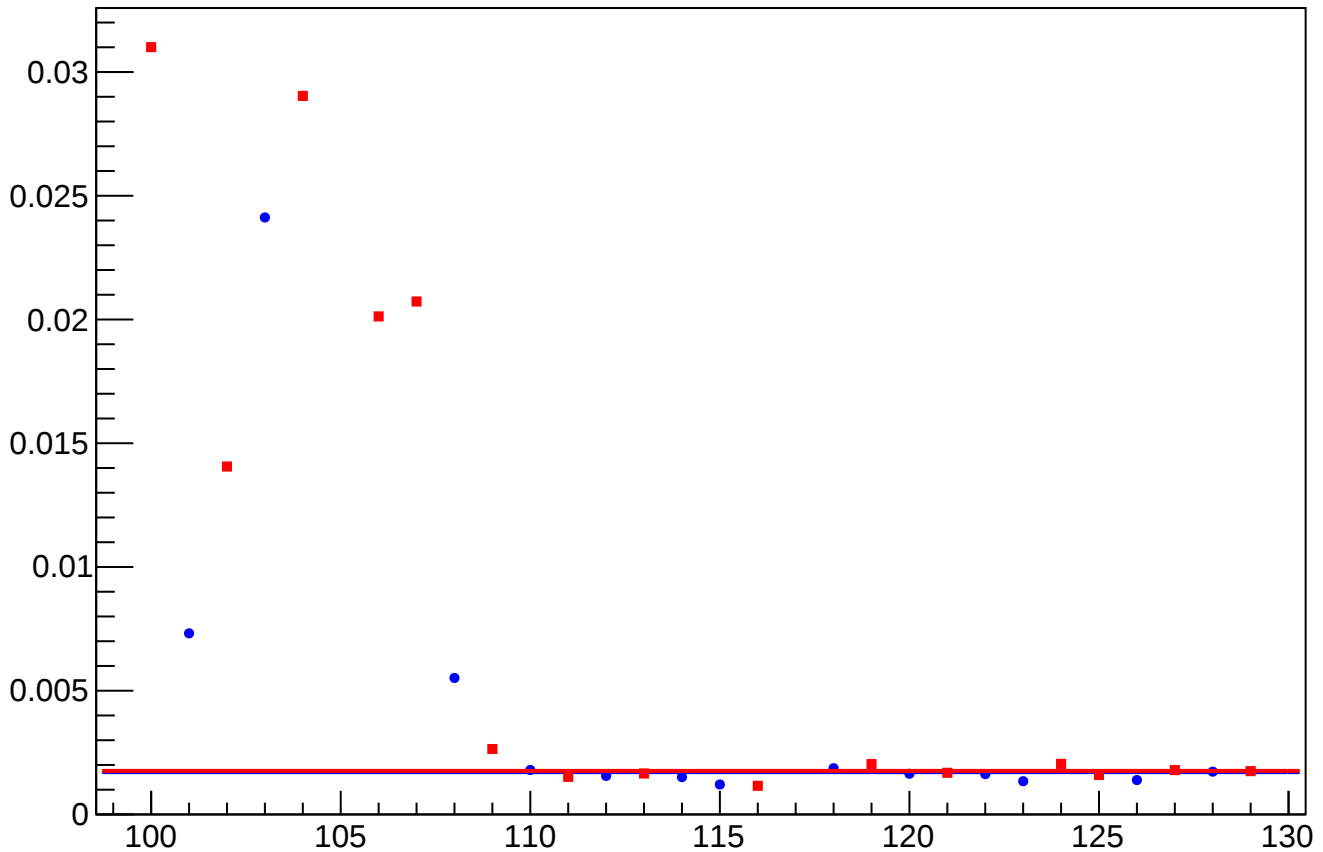
Right: -0.001+/-0.000 χ^2/NDF : 12844652372.6/27

In: -0.004+/-0.000 χ^2/NDF :9786026189.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.001+/-0.000 χ^2/NDF : 12844652372.6/27

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1756435.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2853576.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

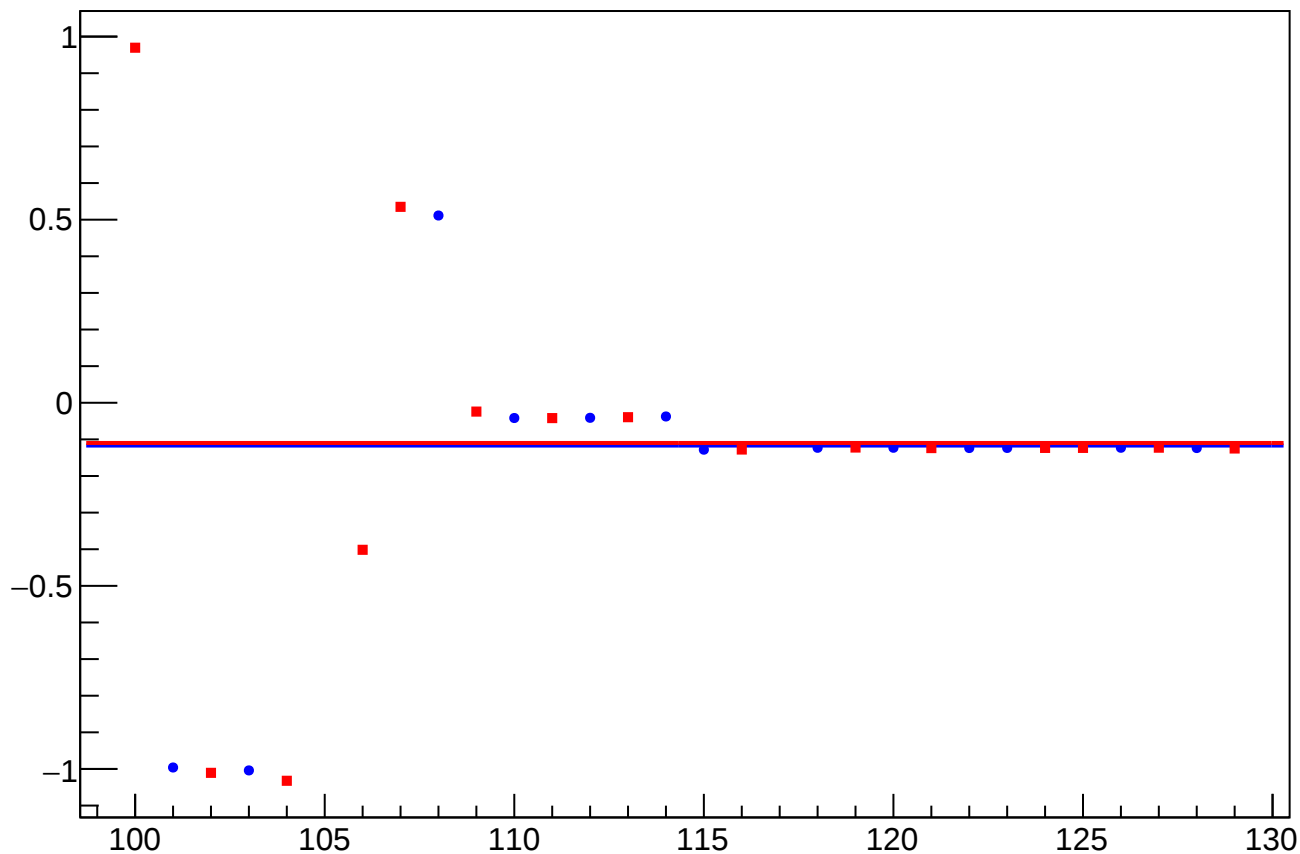
Right: 0.002+/-0.000 χ^2/NDF : 4612570.2/27

In: 0.002+/-0.000 χ^2/NDF :1756435.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4612570.2/27

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.117+/-0.000 χ^2/NDF : 3907348145.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.110+/-0.000 χ^2/NDF : 2367583816.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

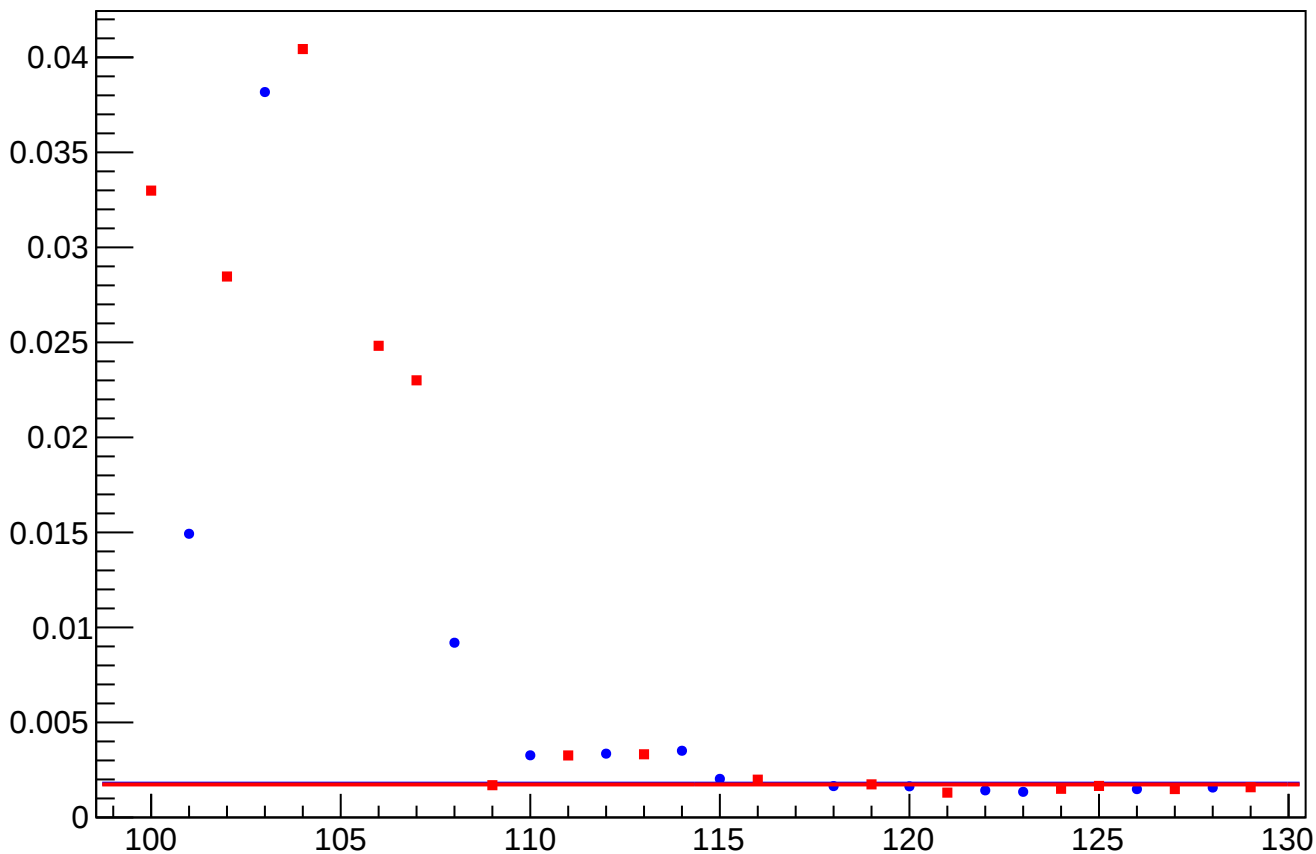
Right: -0.113+/-0.000 χ^2/NDF : 6301055970.0/27

In: -0.117+/-0.000 χ^2/NDF : 3907348145.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.113+/-0.000 χ^2/NDF : 6301055970.0/27

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2659819.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3305349.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

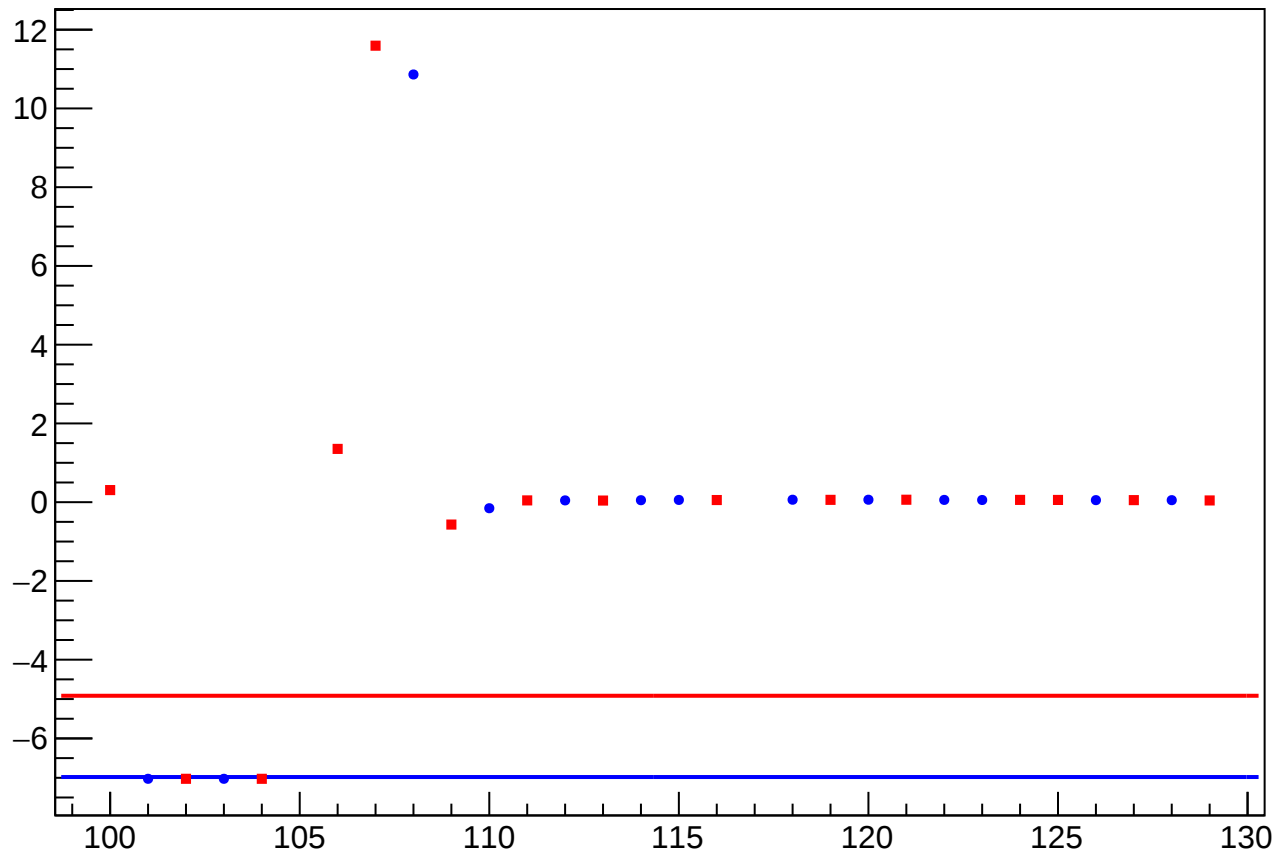
Right: 0.002+/-0.000 χ^2/NDF : 5967014.5/27

In: 0.002+/-0.000 χ^2/NDF :2659819.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

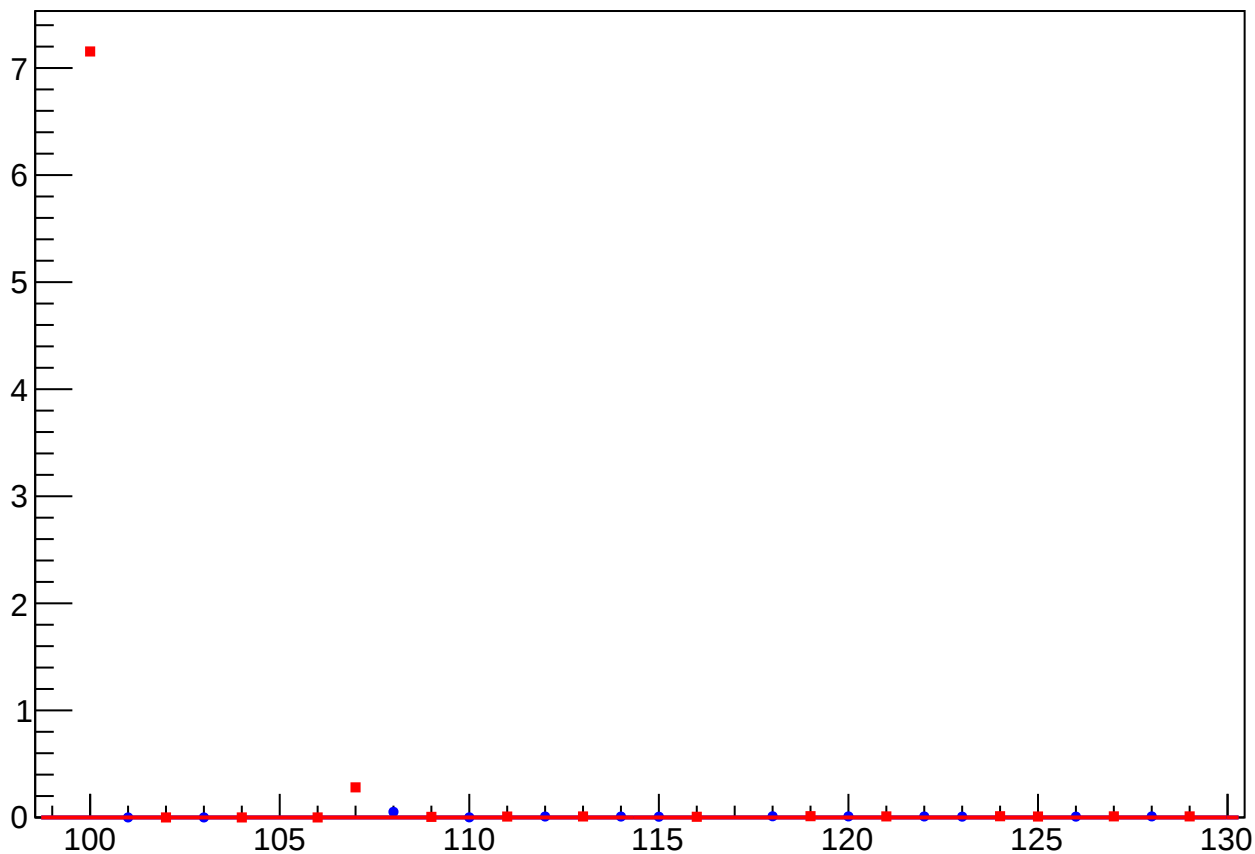
All: 0.002+/-0.000 χ^2/NDF : 5967014.5/27

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -6.980+/-0.000 χ^2/NDF : 7820658965155.1/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -4.916+/-0.000 χ^2/NDF : 365011099845717.4/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -5.903+/-0.000 χ^2/NDF : 429142319235501.4

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5373428.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6482067.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

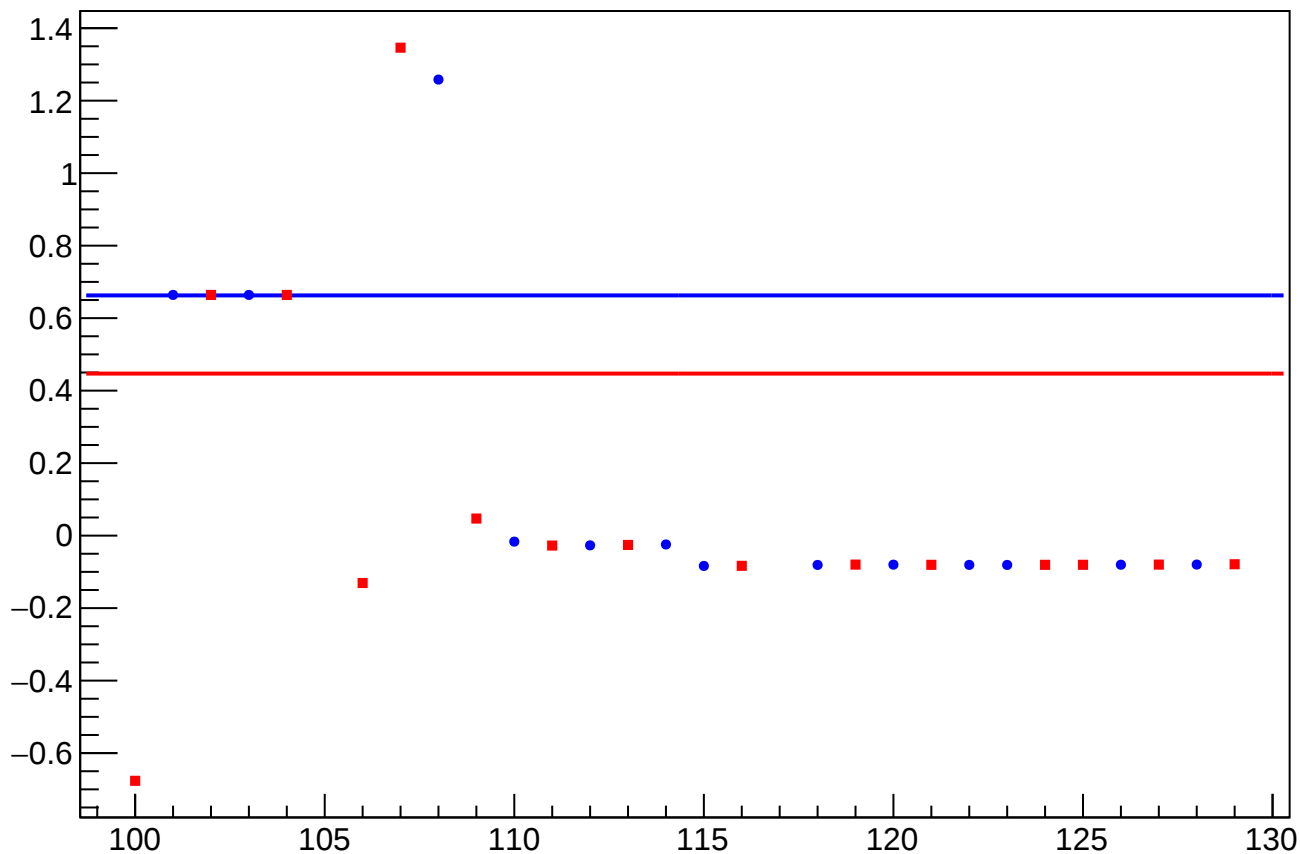
Right: 0.000+/-0.000 χ^2/NDF : 11855548.9/27

In: 0.000+/-0.000 χ^2/NDF : 5373428.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11855548.9/27

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.663+/-0.000

χ^2/NDF : 2660649674724.2/12

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.550+/-0.000

χ^2/NDF : 470129751696864.3/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.663+/-0.000

χ^2/NDF : 2660649674724.2/12

Right Out: 0.447+/-0.000

χ^2/NDF : 404228837618988.8/14

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

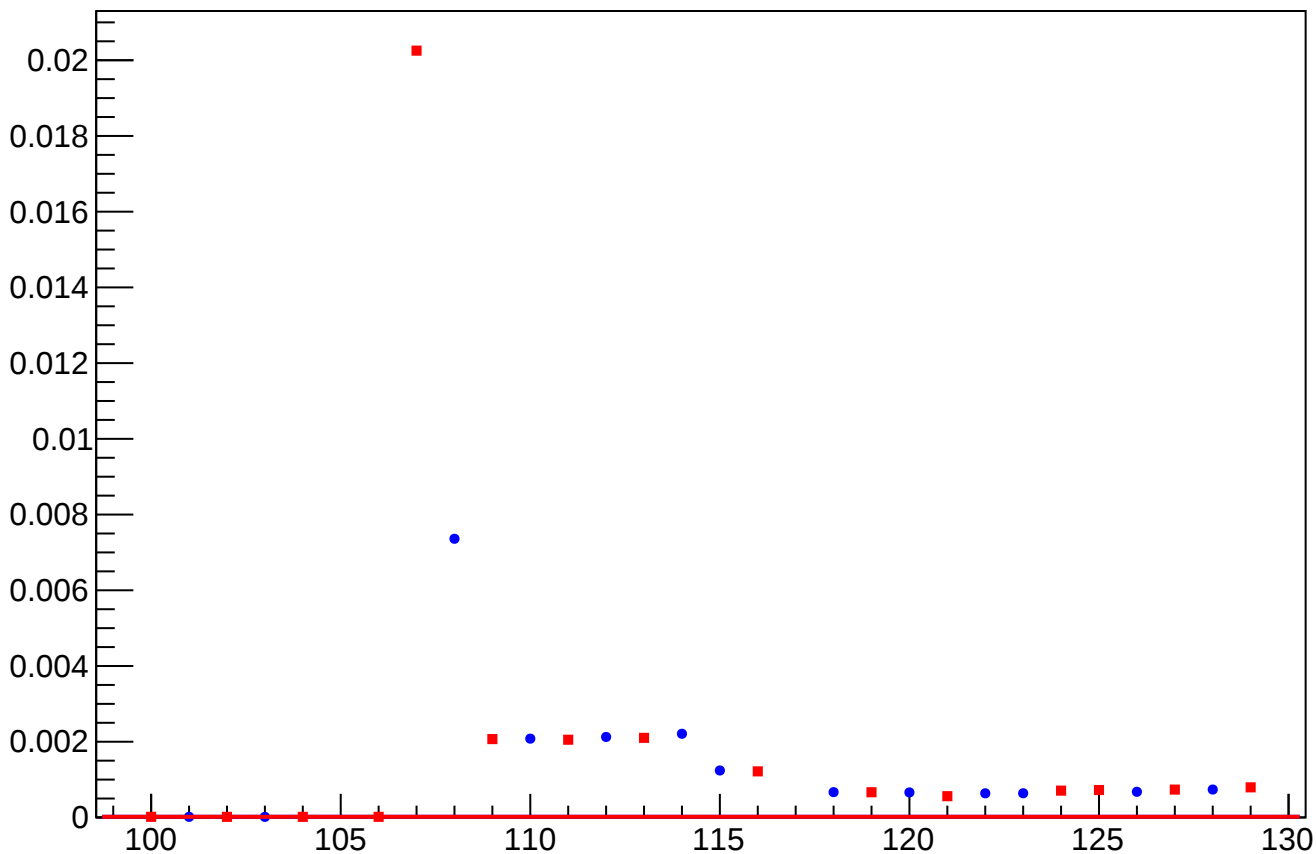
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.550+/-0.000

χ^2/NDF : 470129751696864.3/12

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6557916.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6876639.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

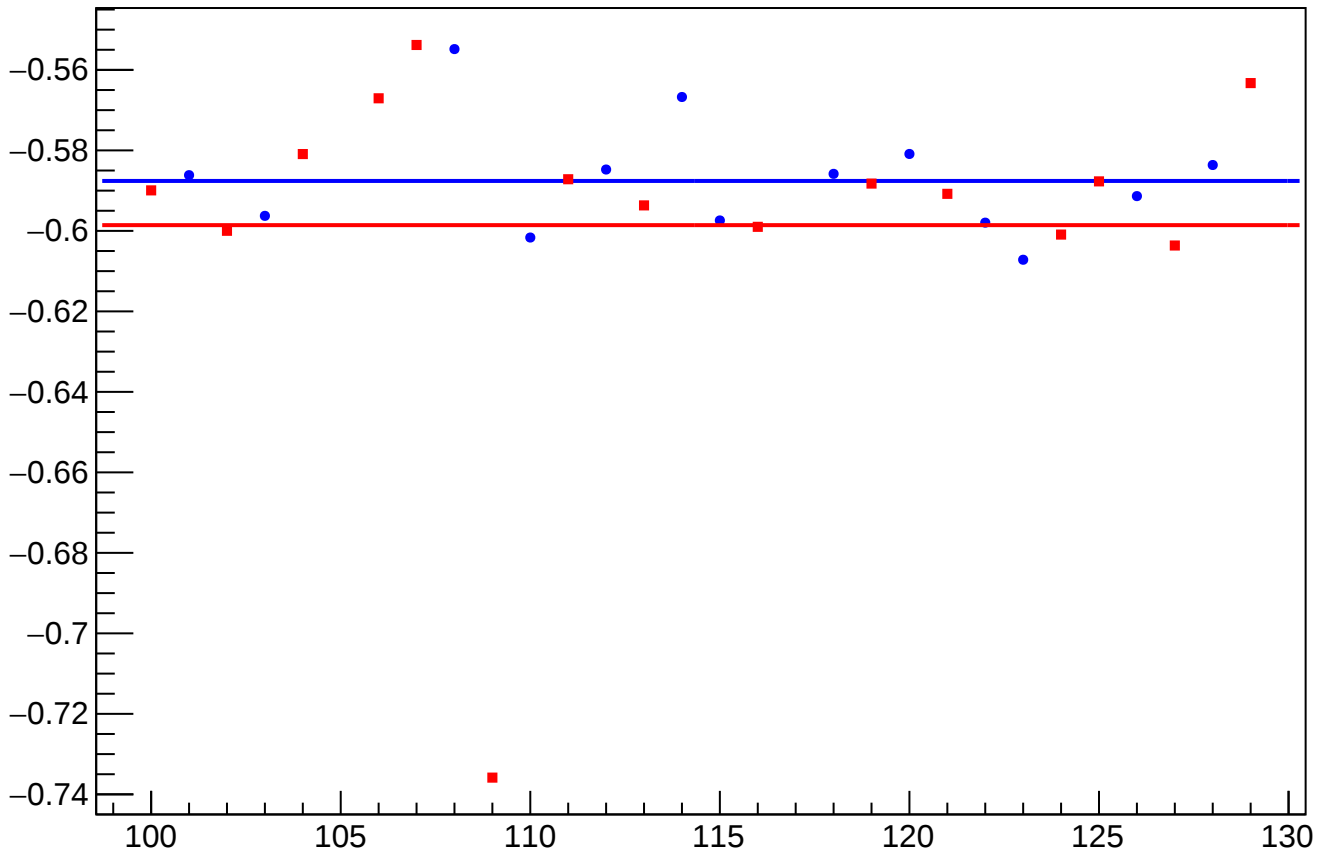
Right: 0.000+/-0.000 χ^2/NDF : 13434708.2/27

In: 0.000+/-0.000 χ^2/NDF : 6557916.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13434708.2/27

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.588+/-0.000 χ^2/NDF : 661279.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.599+/-0.000 χ^2/NDF : 11225102.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

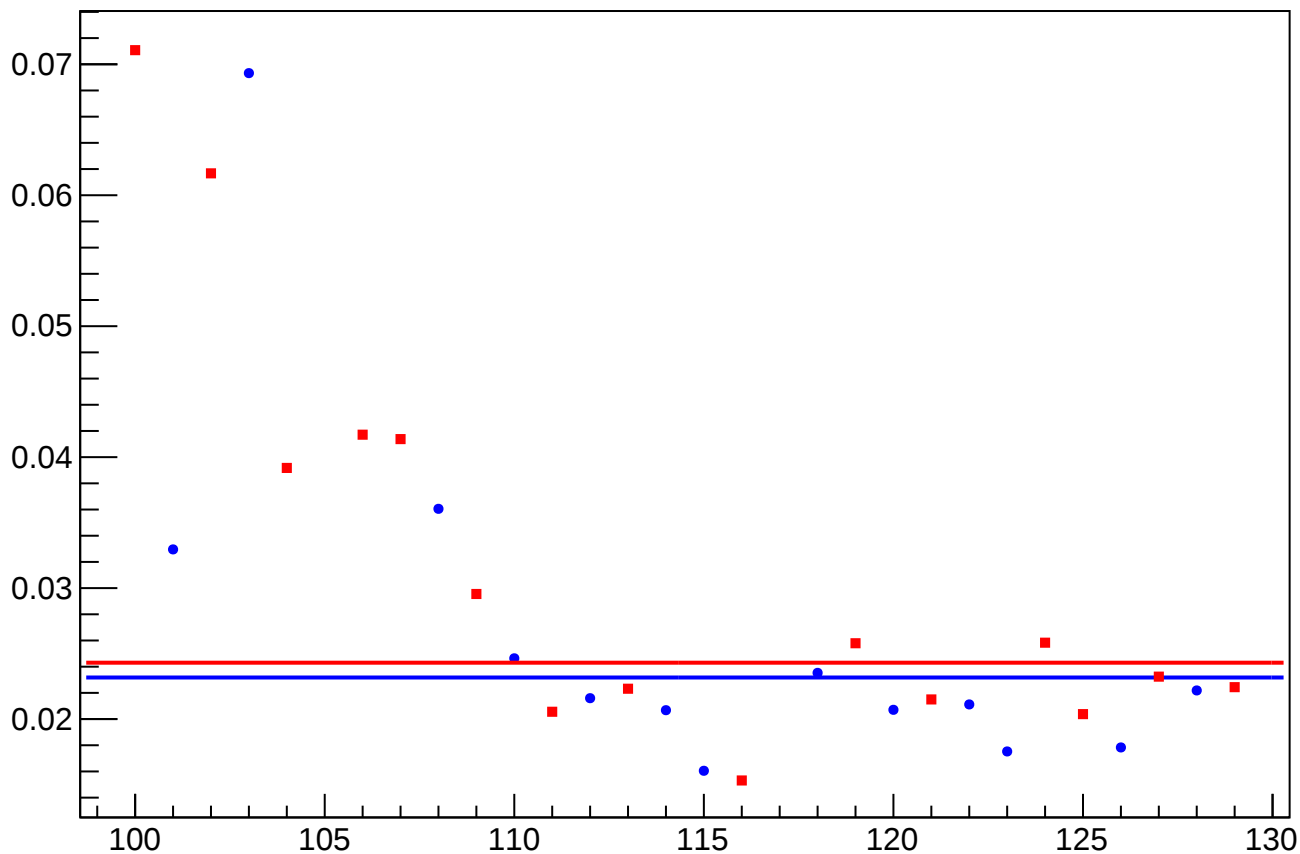
Right: -0.593+/-0.000 χ^2/NDF : 12306280.5/27

In: -0.588+/-0.000 χ^2/NDF :661279.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.593+/-0.000 χ^2/NDF : 12306280.5/27

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 783249.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.024+/-0.000 χ^2/NDF : 937123.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

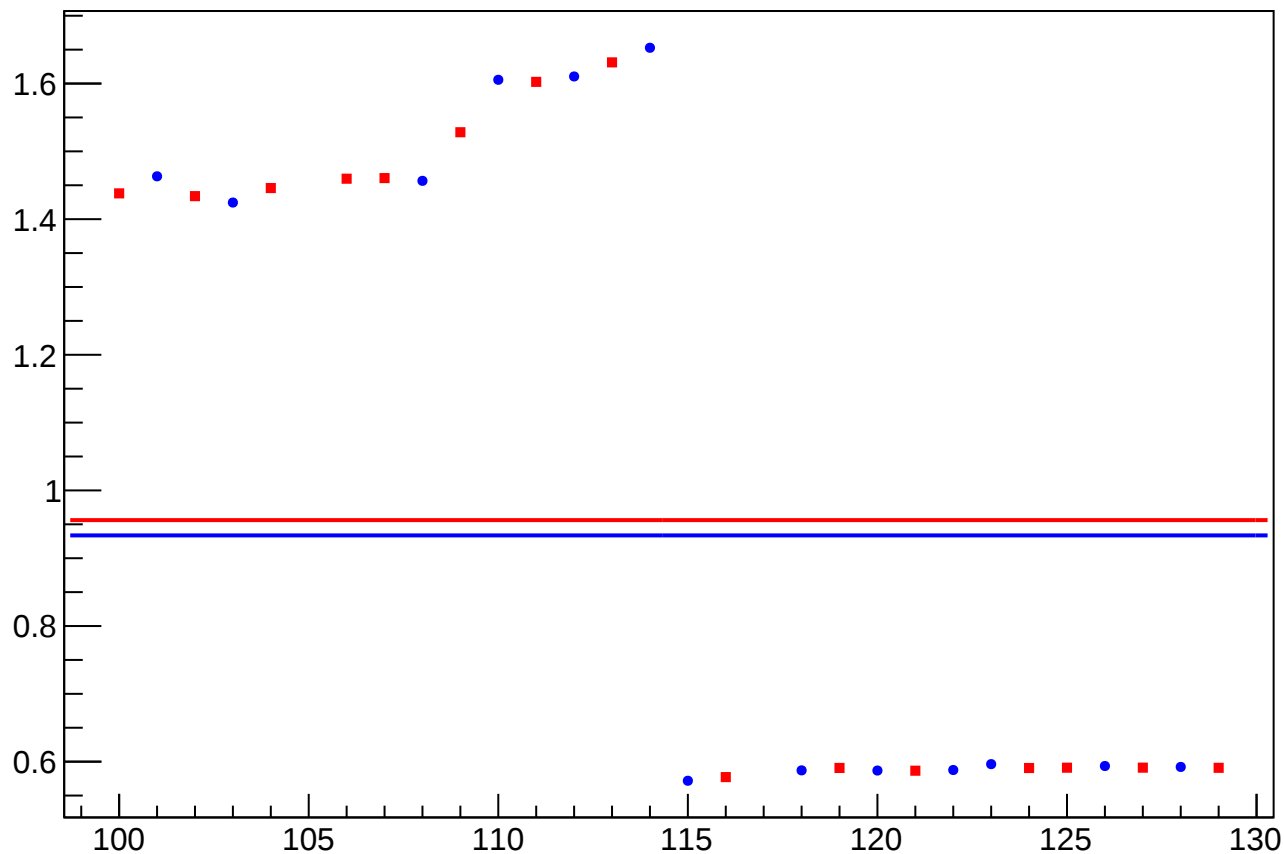
Right: 0.024+/-0.000 χ^2/NDF : 1729274.6/27

In: 0.023+/-0.000 χ^2/NDF : 783249.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1729274.6/27

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.934+/-0.000 χ^2/NDF : 2853506844.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.956+/-0.000 χ^2/NDF : 3408921981.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

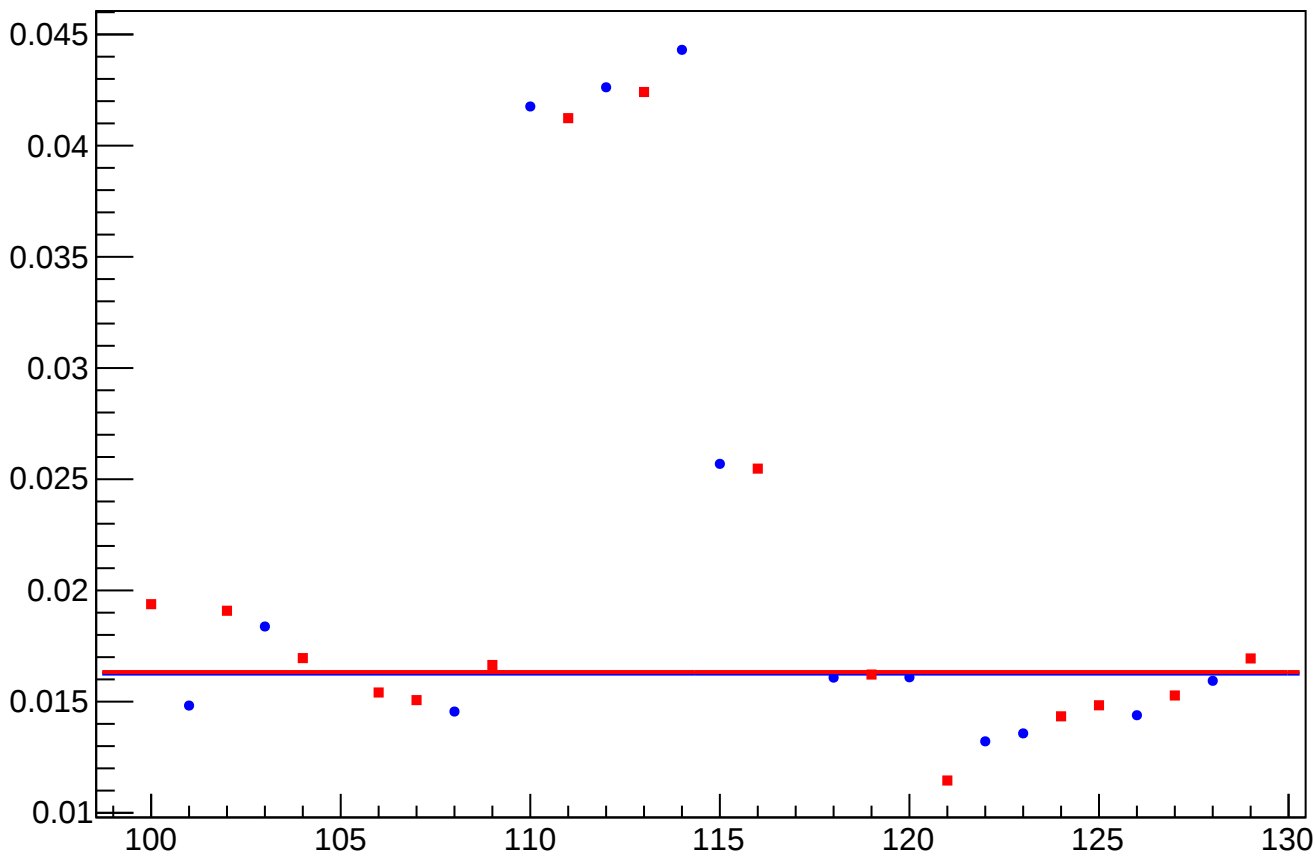
Right: 0.946+/-0.000 χ^2/NDF : 6266657414.4/27

In: 0.934+/-0.000 χ^2/NDF :2853506844.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.946+/-0.000 χ^2/NDF : 6266657414.4/27

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 789446.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 869007.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

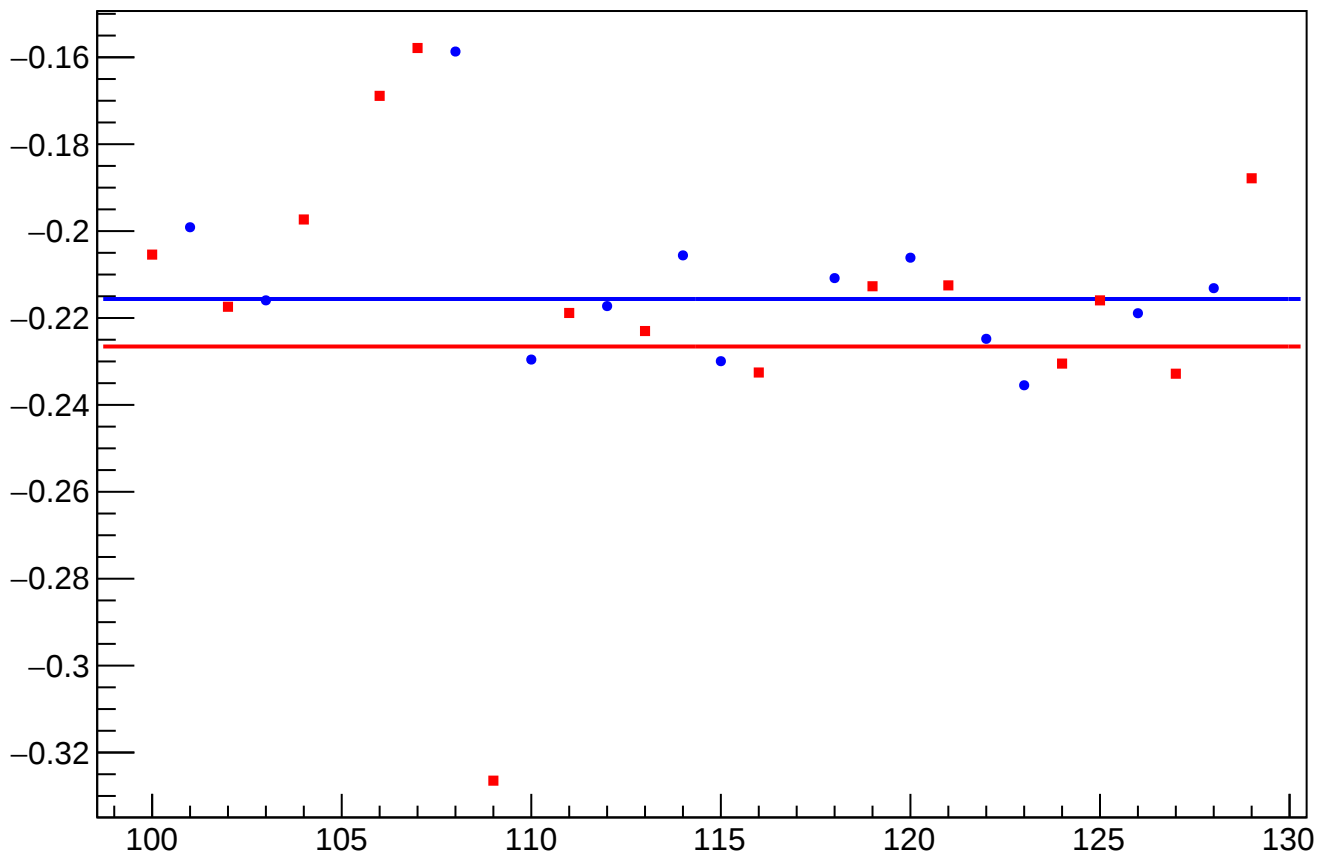
Right: 0.016+/-0.000 χ^2/NDF : 1658538.7/27

In: 0.016+/-0.000 χ^2/NDF : 789446.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 1658538.7/27

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.216 $\pm$ 0.000 χ^2 /NDF: 1452749.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.227 $\pm$ 0.000 χ^2 /NDF: 12704796.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

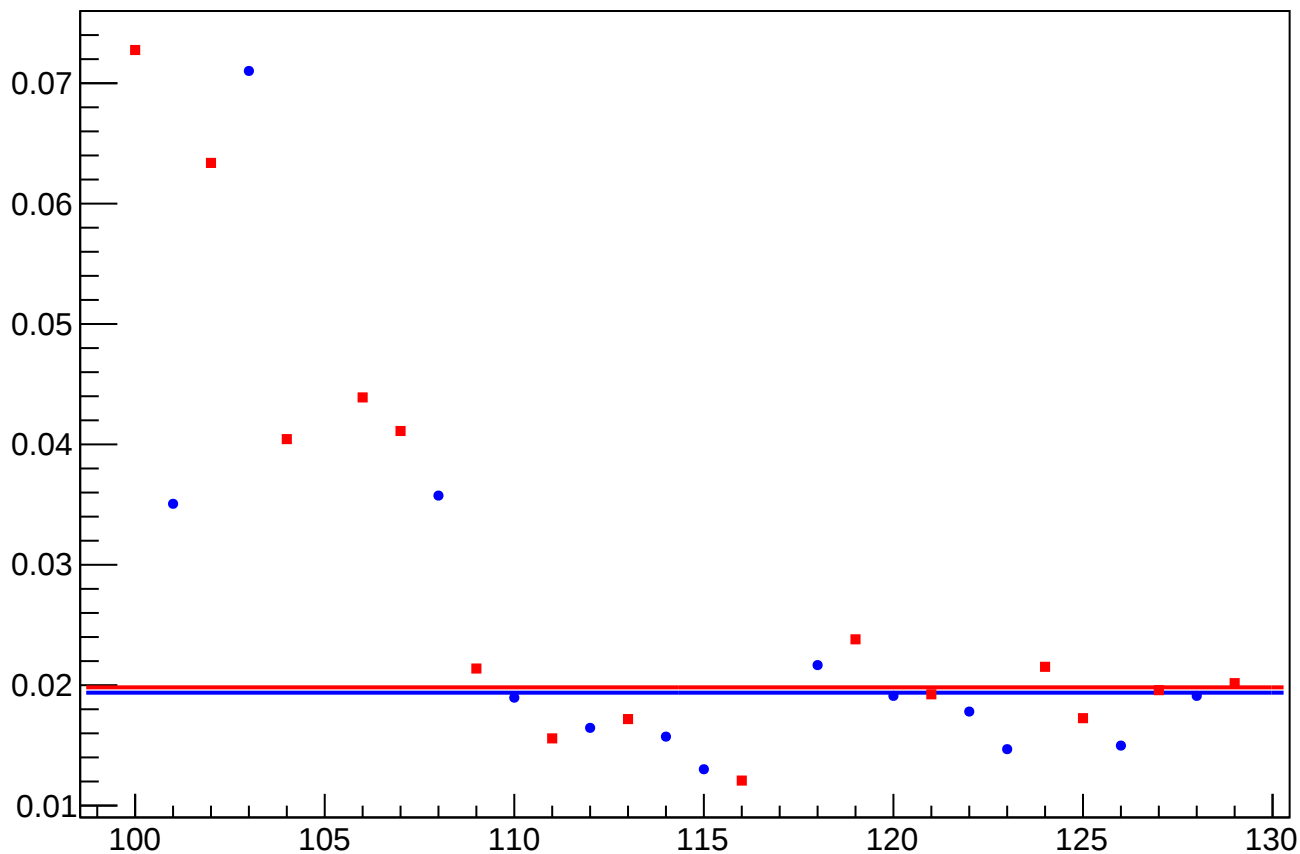
Right: -0.221 $\pm$ 0.000 χ^2 /NDF: 14743857.1/27

In: -0.216 $\pm$ 0.000 χ^2 /NDF:1452749.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.221 $\pm$ 0.000 χ^2 /NDF: 14743857.1/27

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 1073980.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.000 χ^2/NDF : 1304744.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

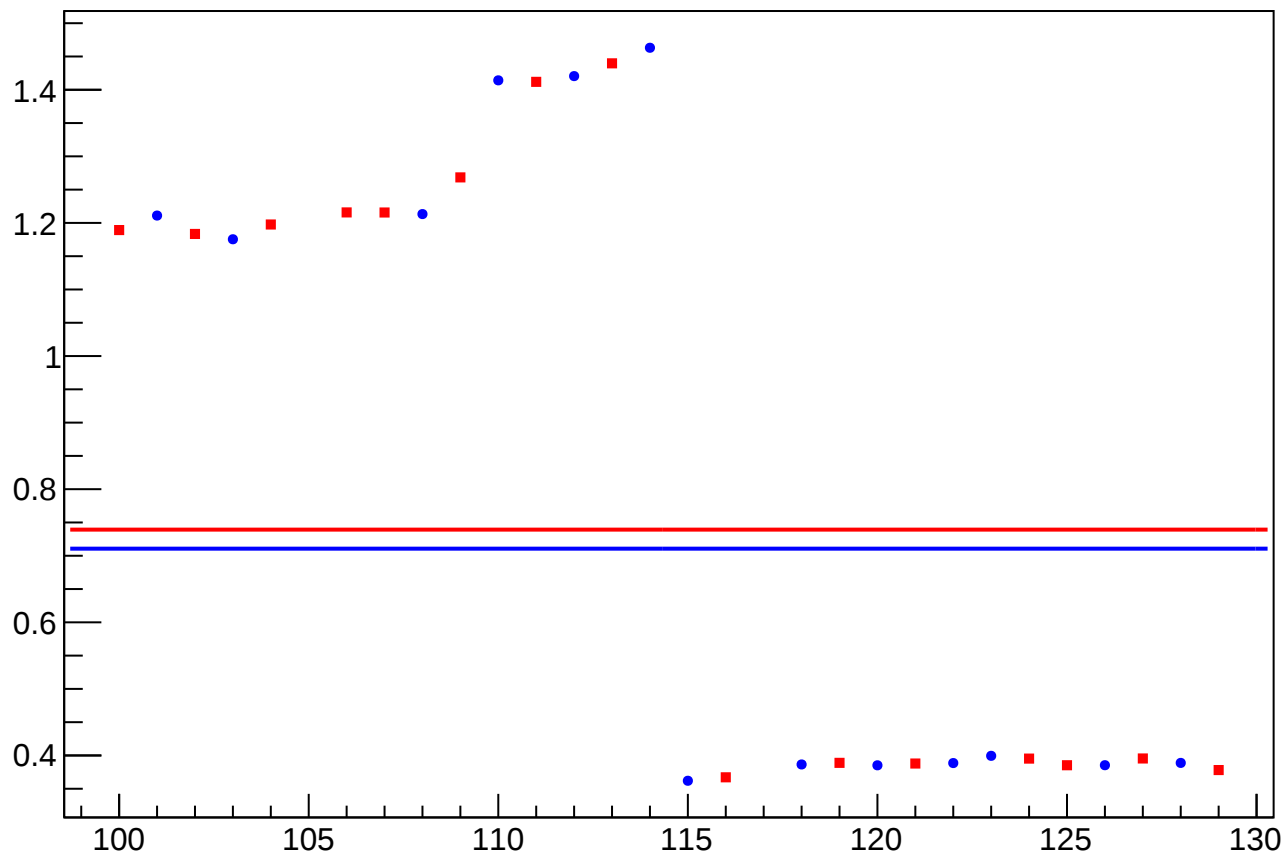
Right: 0.020+/-0.000 χ^2/NDF : 2380657.6/27

In: 0.019+/-0.000 χ^2/NDF : 1073980.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.000 χ^2/NDF : 2380657.6/27

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.711+/-0.000 χ^2/NDF : 3792951261.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.739+/-0.000 χ^2/NDF : 4206055725.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

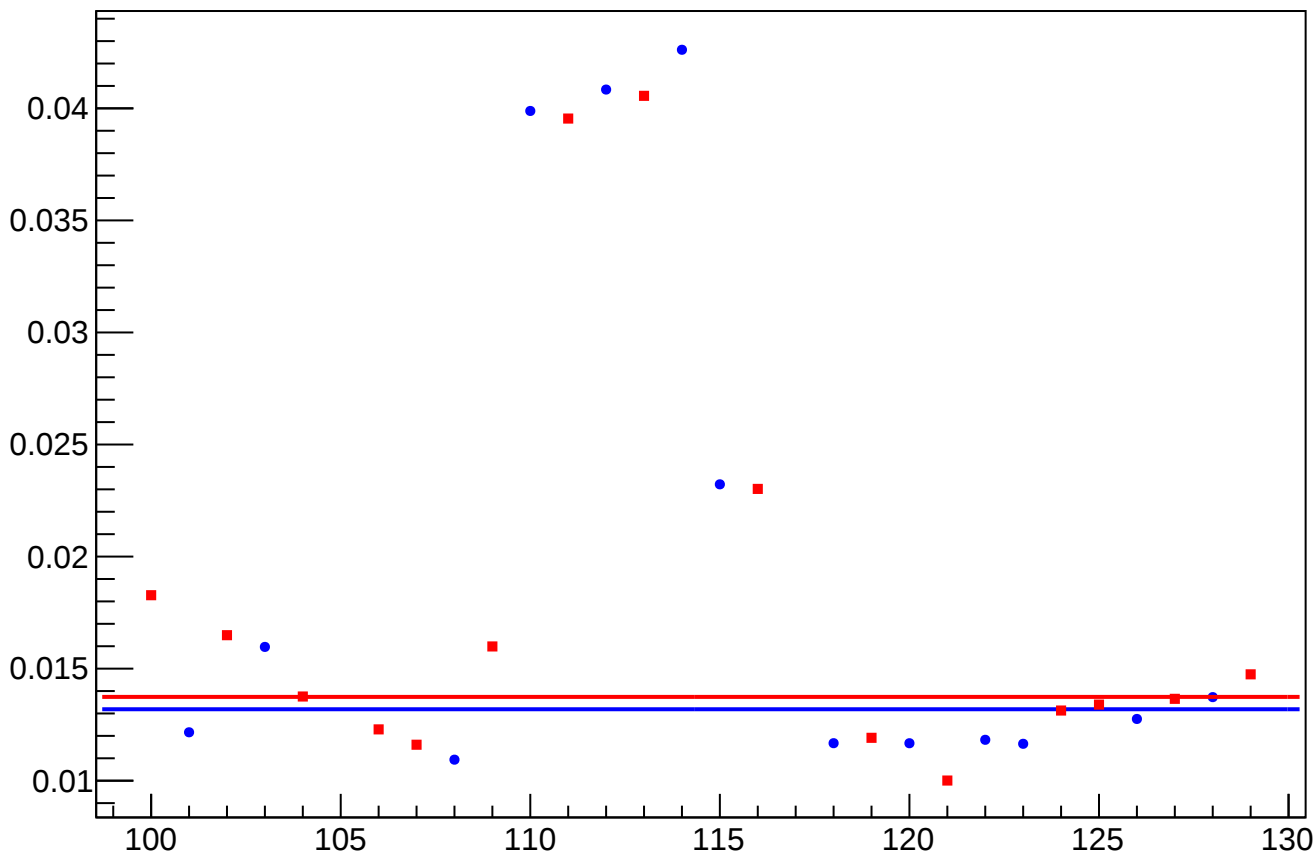
Right: 0.725+/-0.000 χ^2/NDF : 8008734357.4/27

In: 0.711+/-0.000 χ^2/NDF : 3792951261.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.725+/-0.000 χ^2/NDF : 8008734357.4/27

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 947113.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1006460.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

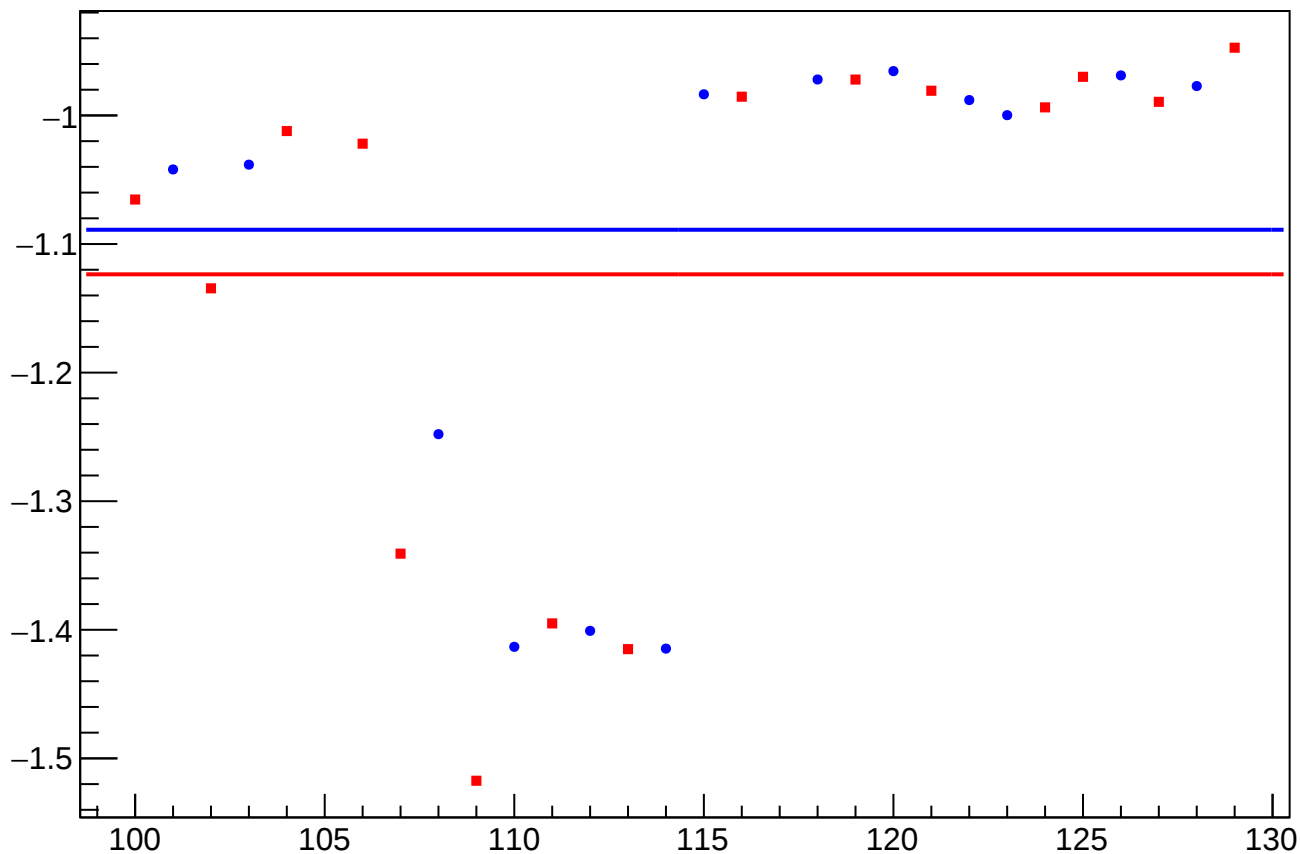
Right: 0.013+/-0.000 χ^2/NDF : 1960802.0/27

In: 0.013+/-0.000 χ^2/NDF :947113.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.013+/-0.000 χ^2/NDF : 1960802.0/27

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.089 ± 0.000 χ^2/NDF : 228147592.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.124 ± 0.000 χ^2/NDF : 324459149.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

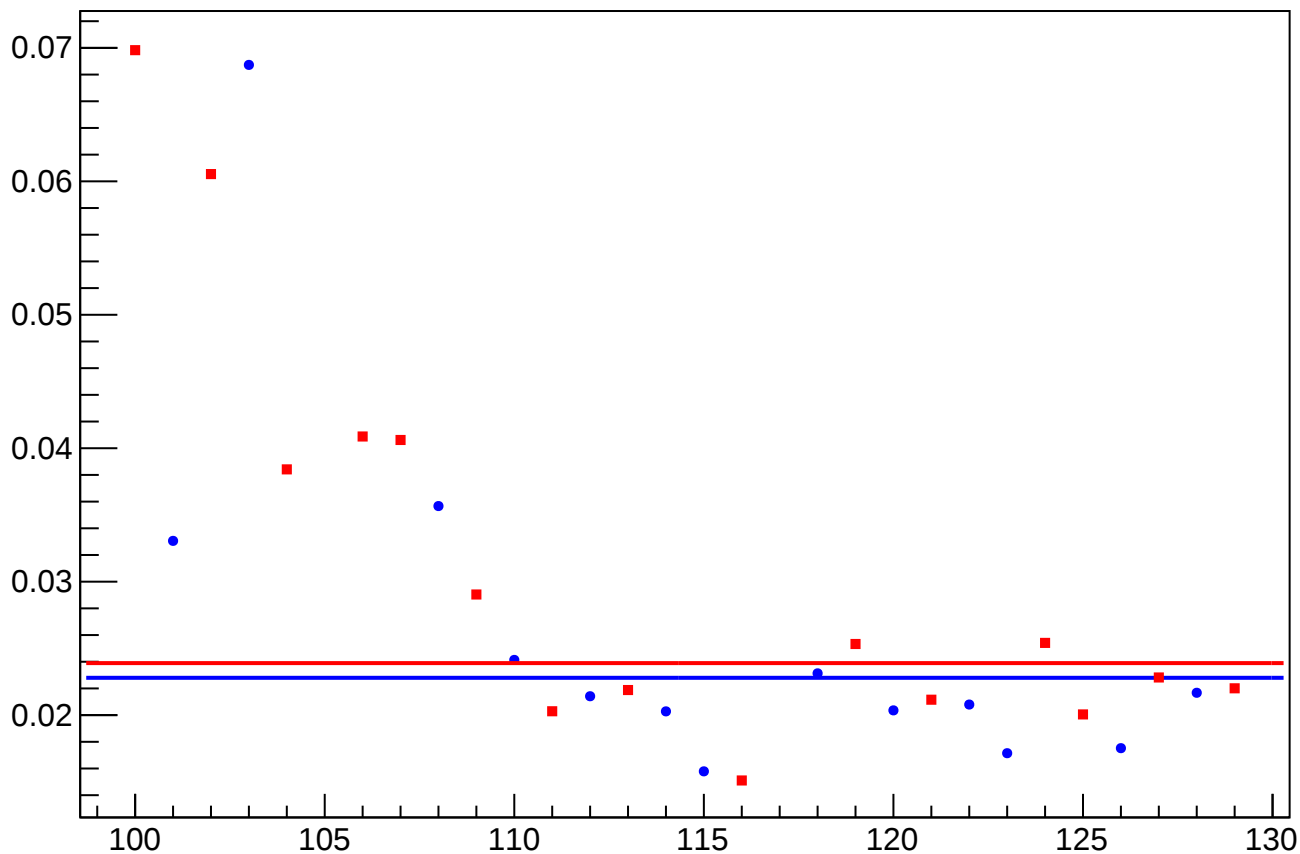
Right: -1.107 ± 0.000 χ^2/NDF : 556922570.6/27

In: -1.089 ± 0.000 χ^2/NDF : 228147592.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.107 ± 0.000 χ^2/NDF : 556922570.6/27

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 795203.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.024+/-0.000 χ^2/NDF : 930517.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

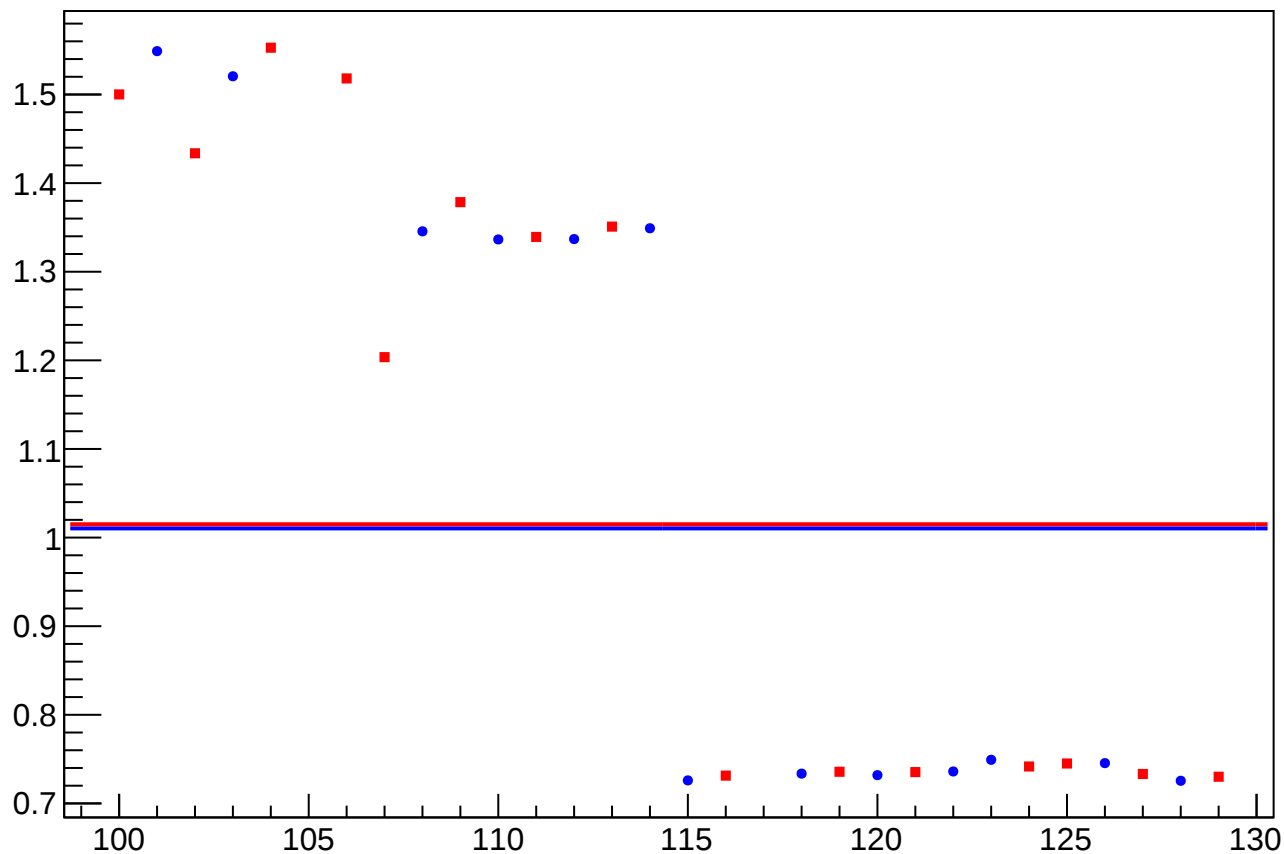
Right: 0.023+/-0.000 χ^2/NDF : 1734437.8/27

In: 0.023+/-0.000 χ^2/NDF : 795203.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.000 χ^2/NDF : 1734437.8/27

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.010+/-0.000

χ^2/NDF : 1922168038.8/12

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1.013+/-0.000

χ^2/NDF : 3980979297.2/27

Right Out: 1.015+/-0.000

χ^2/NDF : 2058634049.6/14

In: 1.010+/-0.000

χ^2/NDF : 1922168038.8/12

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

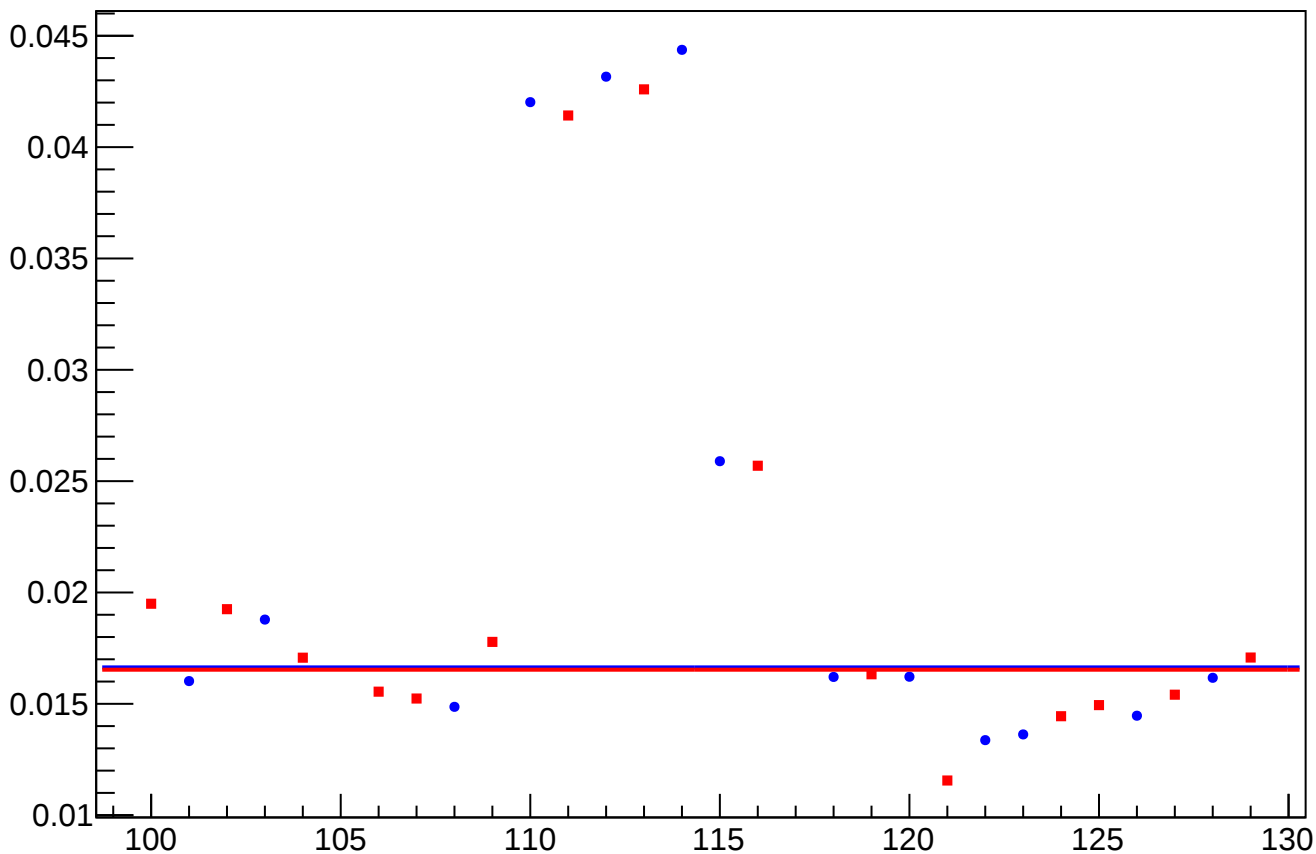
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.013+/-0.000

χ^2/NDF : 3980979297.2/27

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 779074.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.000 χ^2/NDF : 868618.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

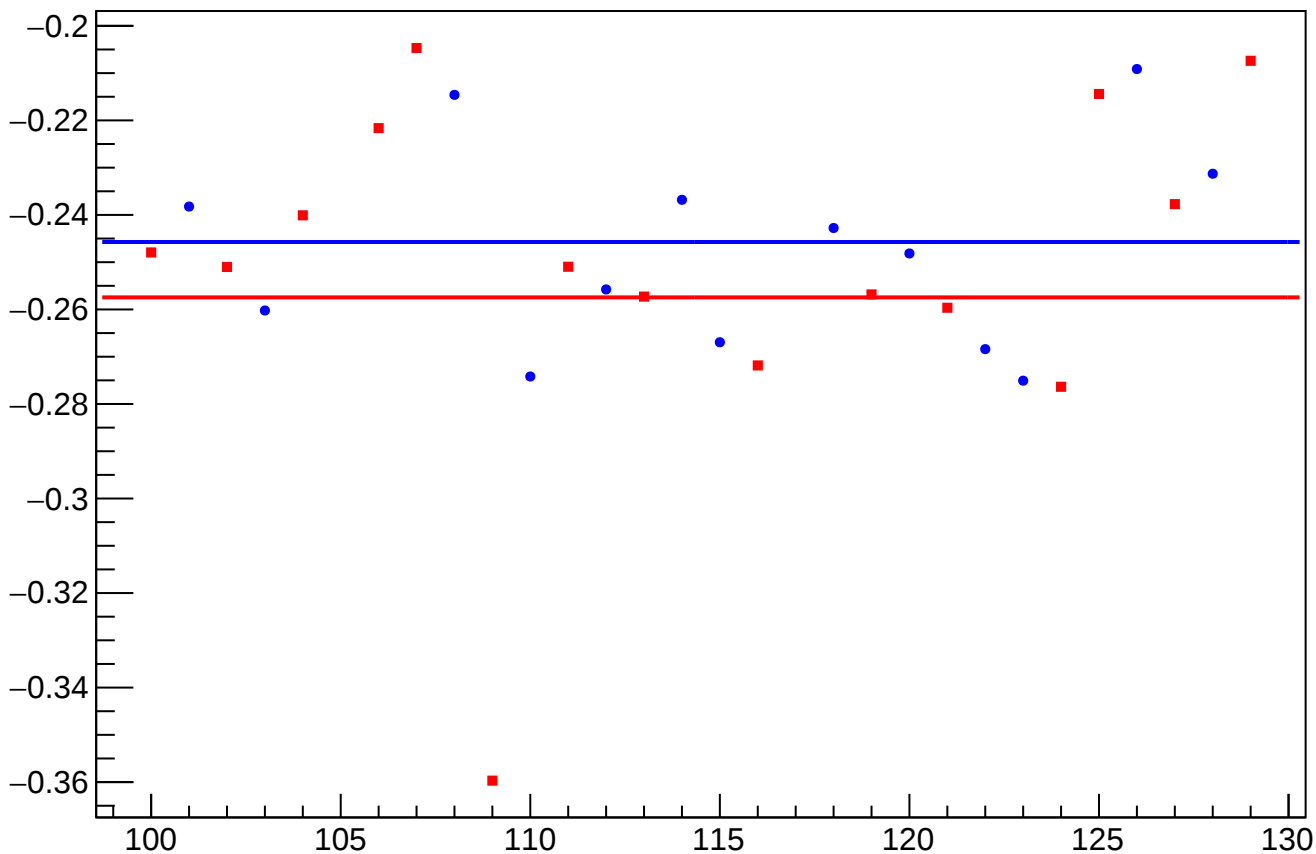
Right: 0.017+/-0.000 χ^2/NDF : 1647867.0/27

In: 0.017+/-0.000 χ^2/NDF : 779074.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.000 χ^2/NDF : 1647867.0/27

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.246+/-0.000 χ^2/NDF : 3952103.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.257+/-0.000 χ^2/NDF : 14753793.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

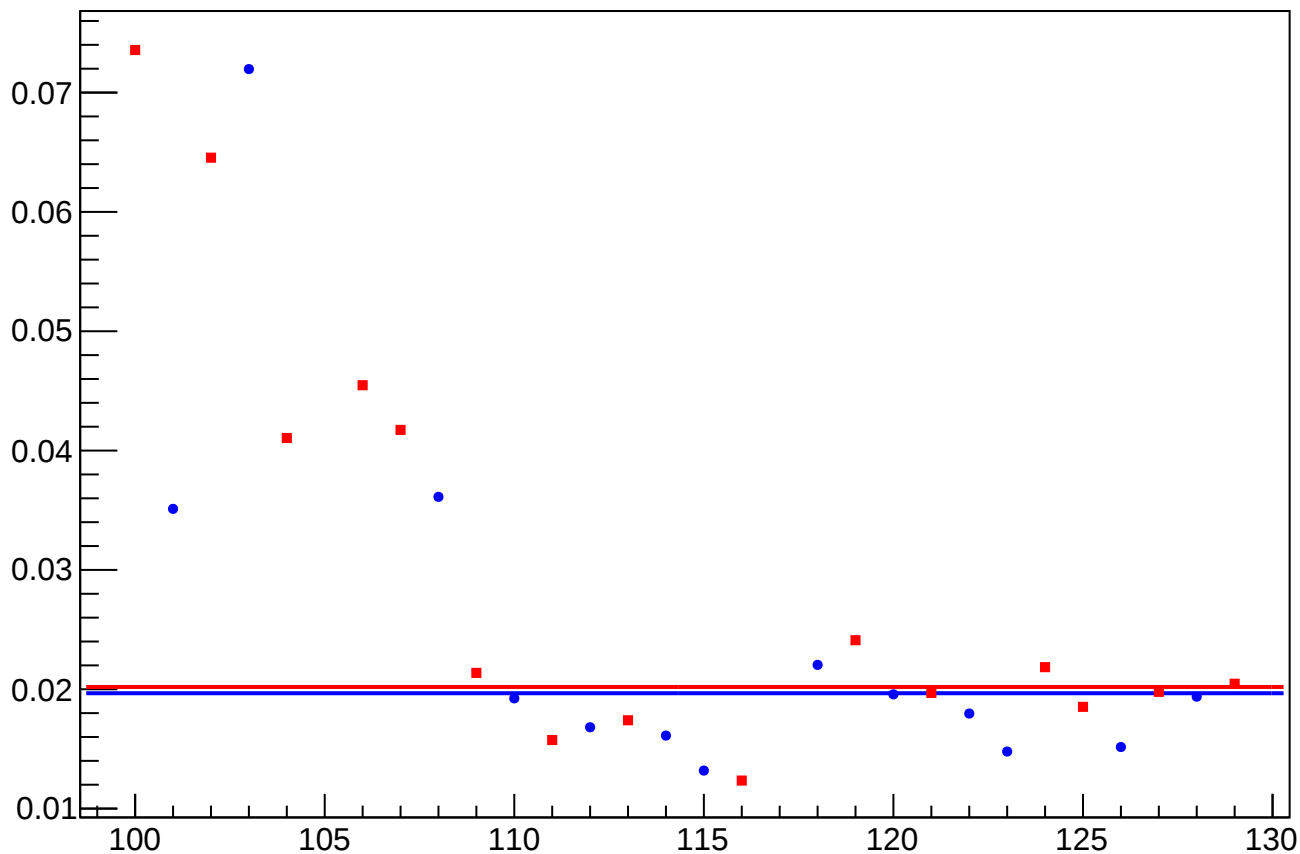
Right: -0.252+/-0.000 χ^2/NDF : 19358625.3/27

In: -0.246+/-0.000 χ^2/NDF :3952103.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.252+/-0.000 χ^2/NDF : 19358625.3/27

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1062570.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.020+/-0.000 χ^2/NDF : 1302298.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

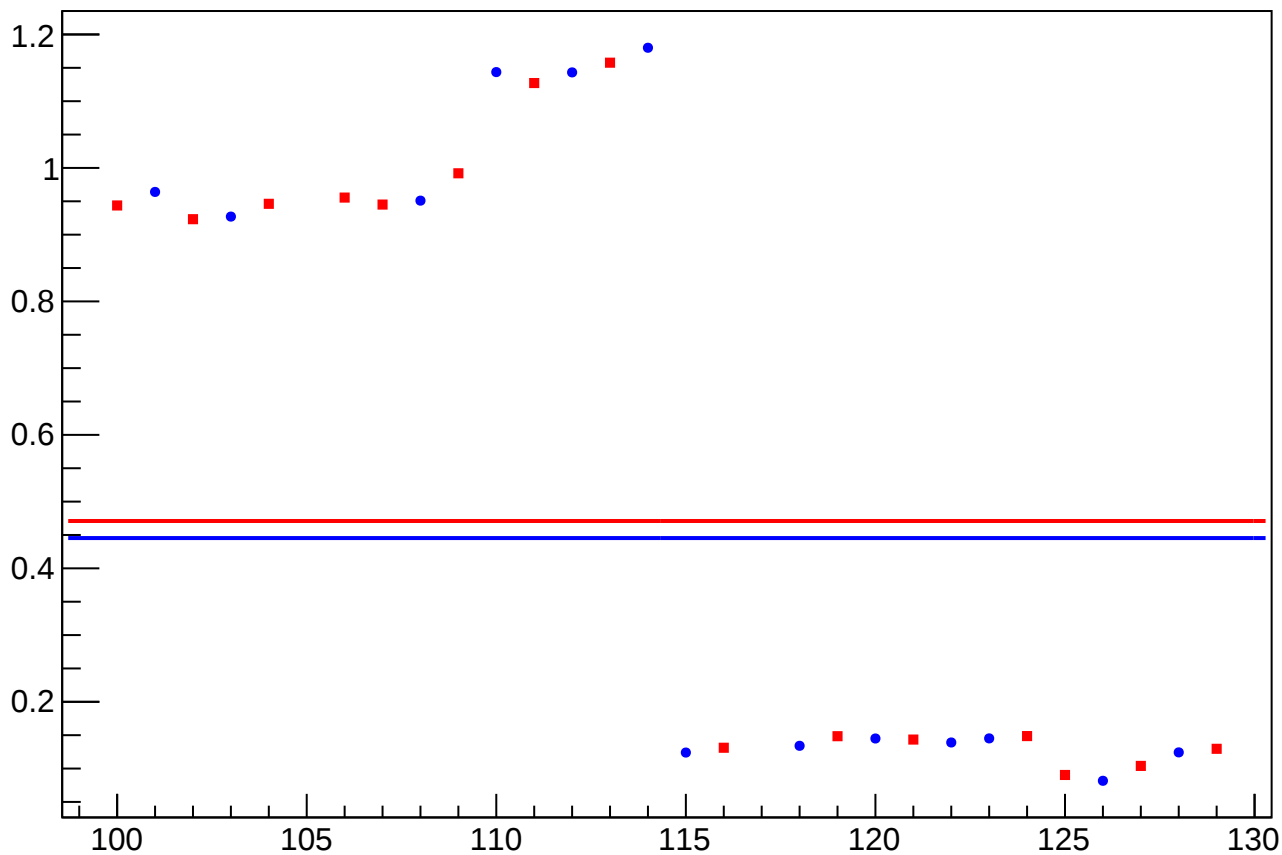
Right: 0.020+/-0.000 χ^2/NDF : 2367477.3/27

In: 0.020+/-0.000 χ^2/NDF :1062570.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.020+/-0.000 χ^2/NDF : 2367477.3/27

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.445+/-0.000 χ^2/NDF : 3892228706.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.471+/-0.000 χ^2/NDF : 4164913436.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

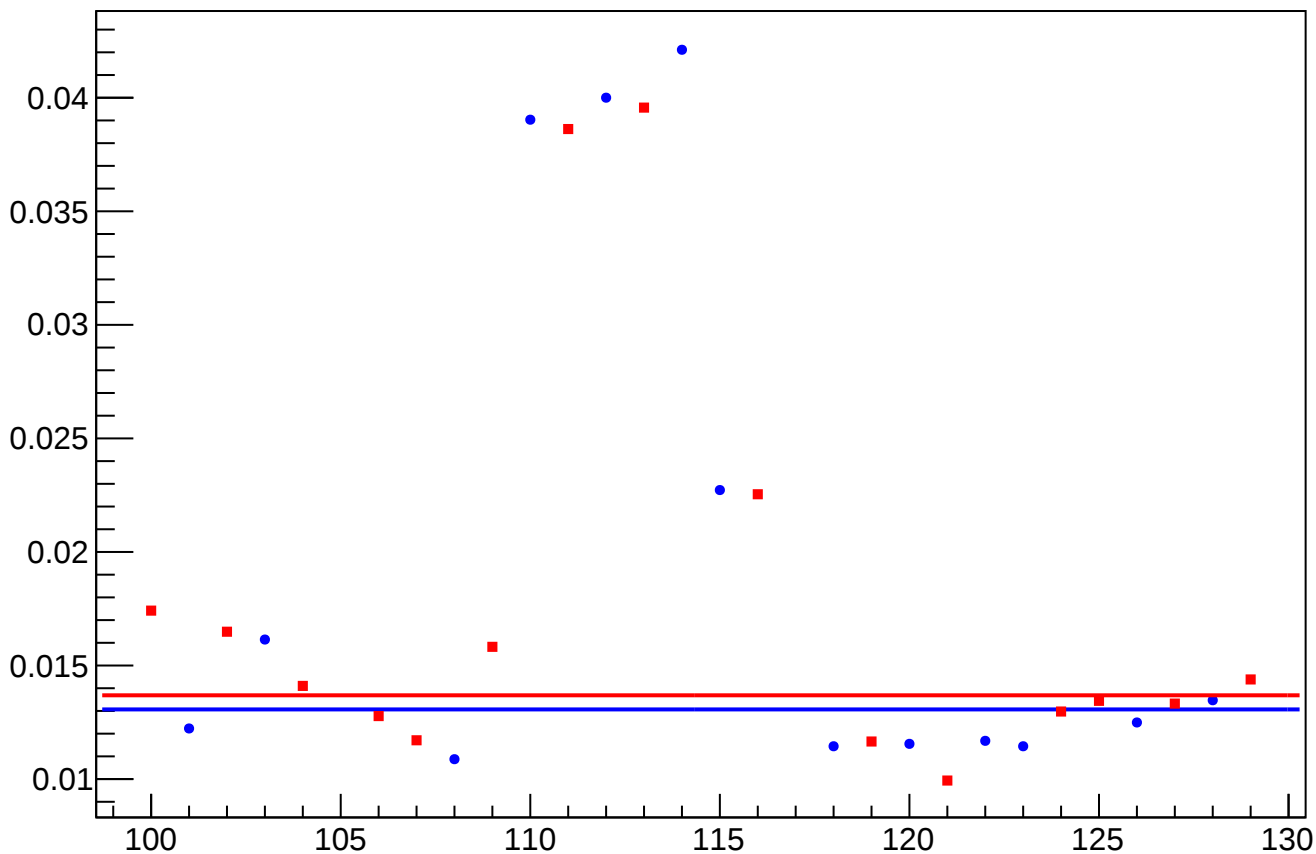
Right: 0.459+/-0.000 χ^2/NDF : 8065029656.4/27

In: 0.445+/-0.000 χ^2/NDF : 3892228706.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.459+/-0.000 χ^2/NDF : 8065029656.4/27

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 945294.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 986433.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

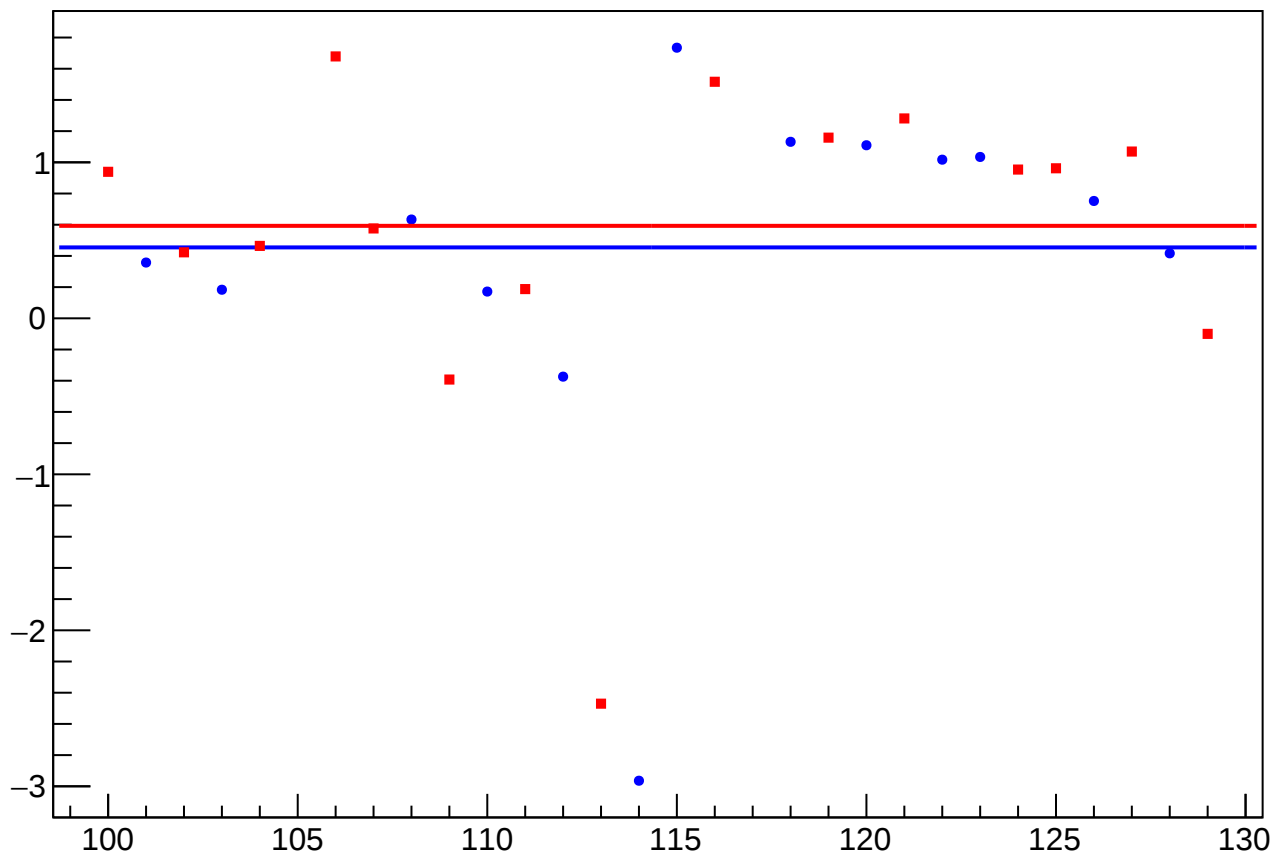
Right: 0.013+/-0.000 χ^2/NDF : 1941044.1/27

In: 0.013+/-0.000 χ^2/NDF :945294.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.013+/-0.000 χ^2/NDF : 1941044.1/27

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.455+/-0.000 χ^2/NDF : 206266356.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.593+/-0.000 χ^2/NDF : 901627807.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

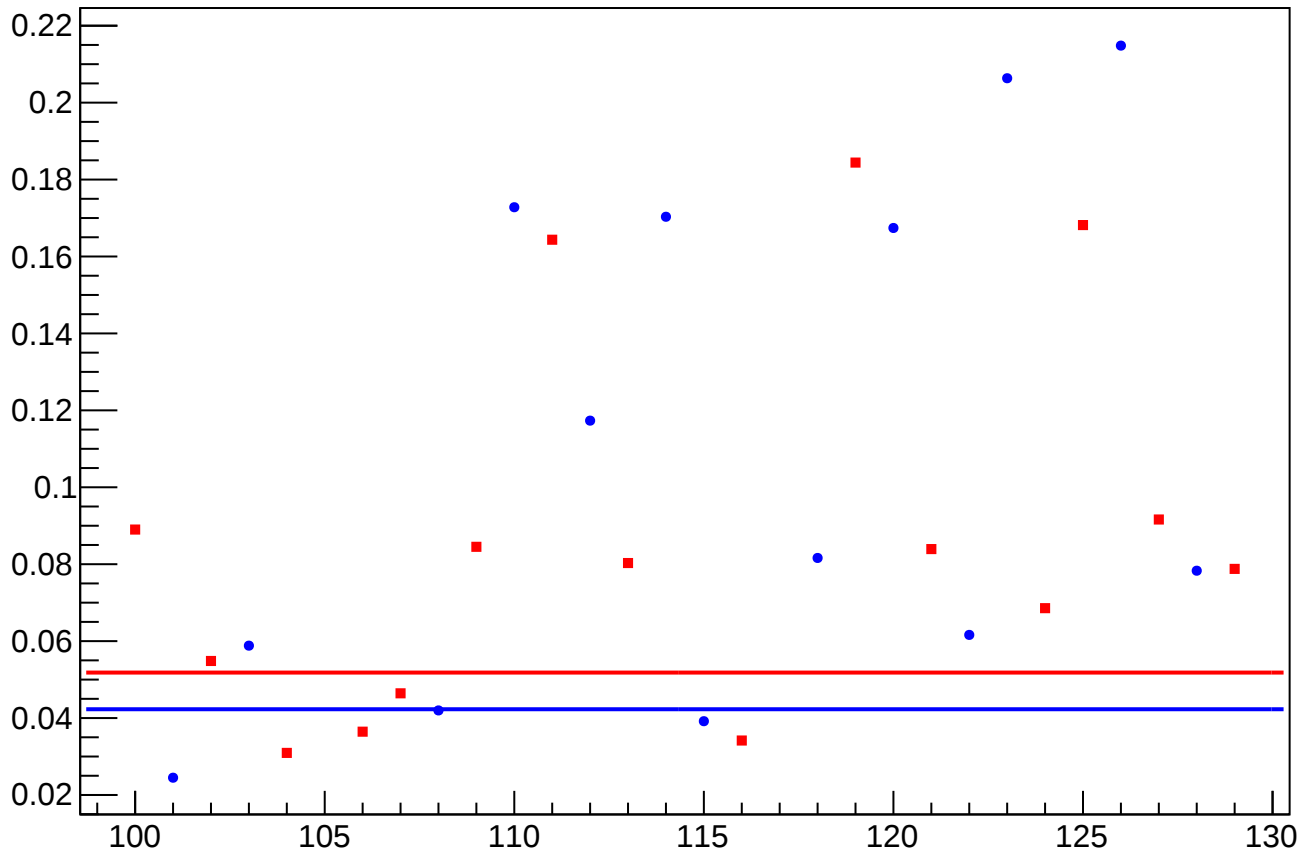
Right: 0.519+/-0.000 χ^2/NDF : 1120452419.2/27

In: 0.455+/-0.000 χ^2/NDF : 206266356.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.519+/-0.000 χ^2/NDF : 1120452419.2/27

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.042+/-0.000 χ^2/NDF : 2620594.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.052+/-0.000 χ^2/NDF : 2131865.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

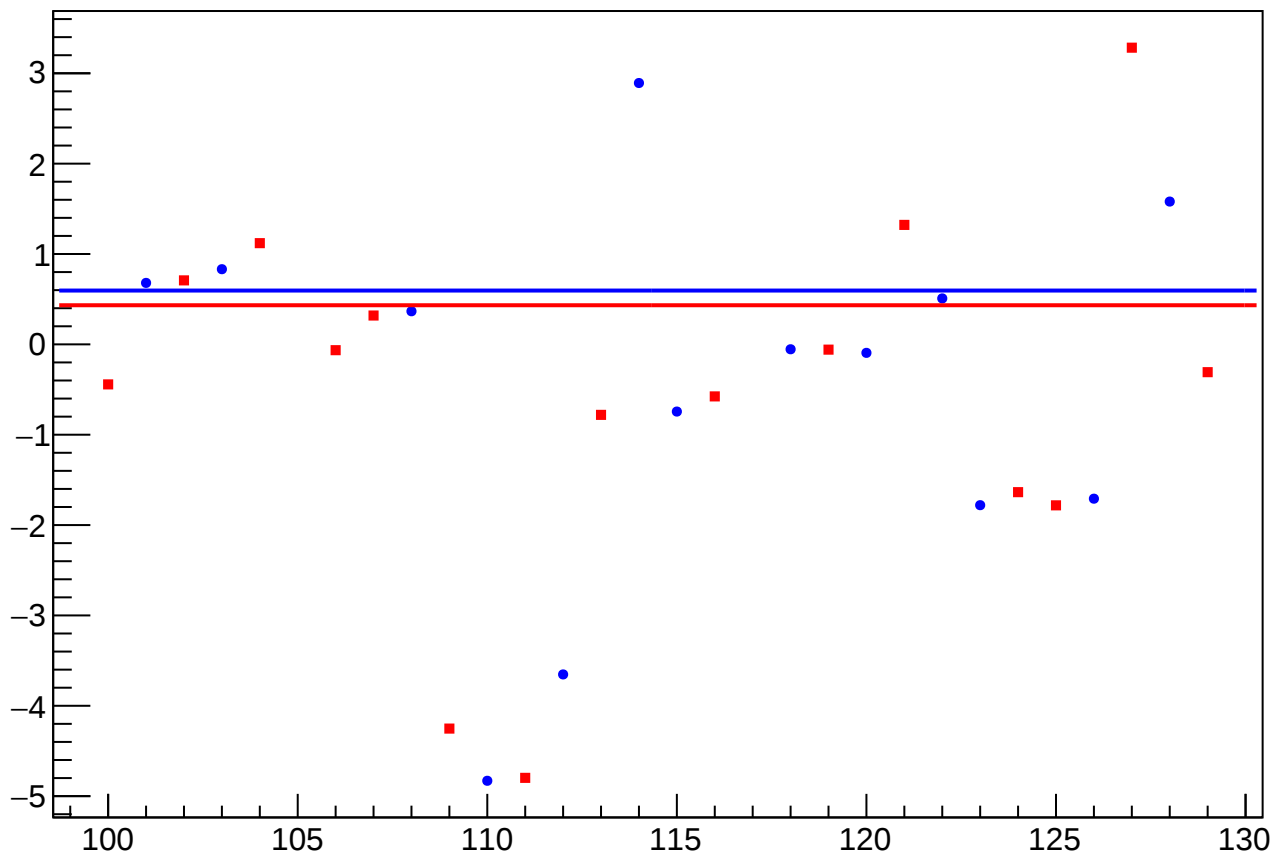
Right: 0.047+/-0.000 χ^2/NDF : 4871843.3/27

In: 0.042+/-0.000 χ^2/NDF : 2620594.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.047+/-0.000 χ^2/NDF : 4871843.3/27

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.595 ± 0.000 $\chi^2/\text{NDF}: 1779046400.8/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.433 ± 0.000 $\chi^2/\text{NDF}: 4320063191.3/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

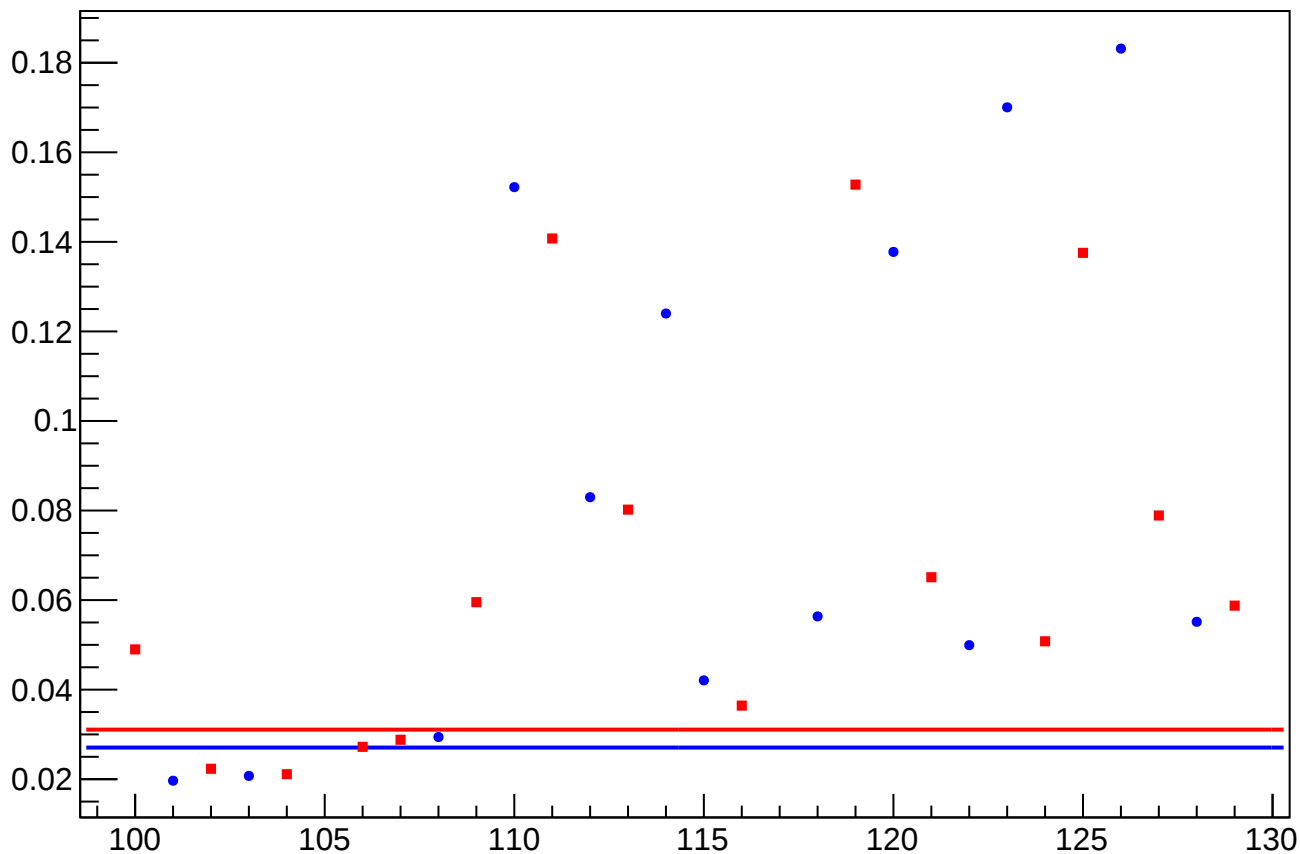
Right: 0.517 ± 0.000 $\chi^2/\text{NDF}: 6142396732.2/27$

In: 0.595 ± 0.000 $\chi^2/\text{NDF}: 1779046400.8/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.517 ± 0.000 $\chi^2/\text{NDF}: 6142396732.2/27$

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.027+/-0.000 χ^2/NDF : 2567267.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.031+/-0.000 χ^2/NDF : 2786105.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

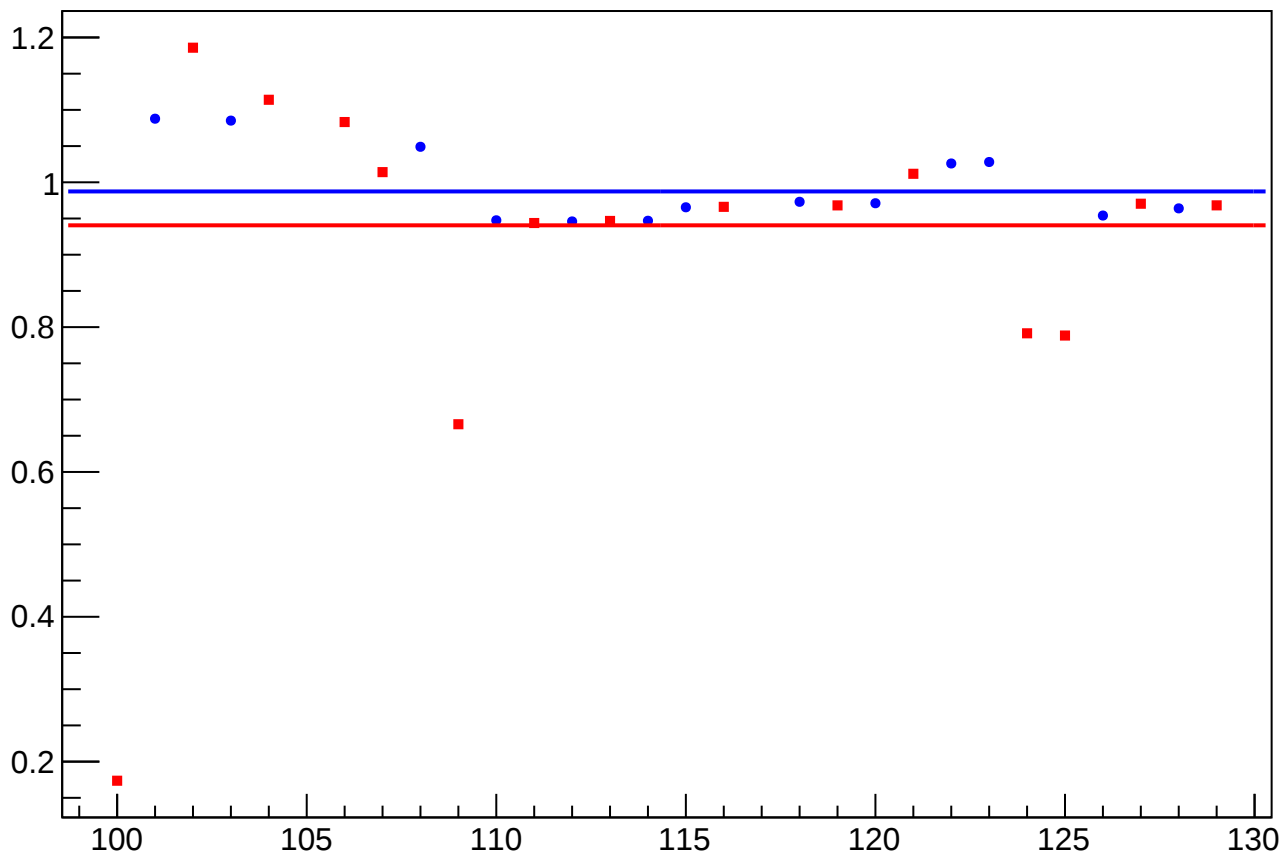
Right: 0.029+/-0.000 χ^2/NDF : 5405829.2/27

In: 0.027+/-0.000 χ^2/NDF :2567267.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.029+/-0.000 χ^2/NDF : 5405829.2/27

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.987+/-0.000 χ^2/NDF : 48198446.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.941+/-0.000 χ^2/NDF : 324249201.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

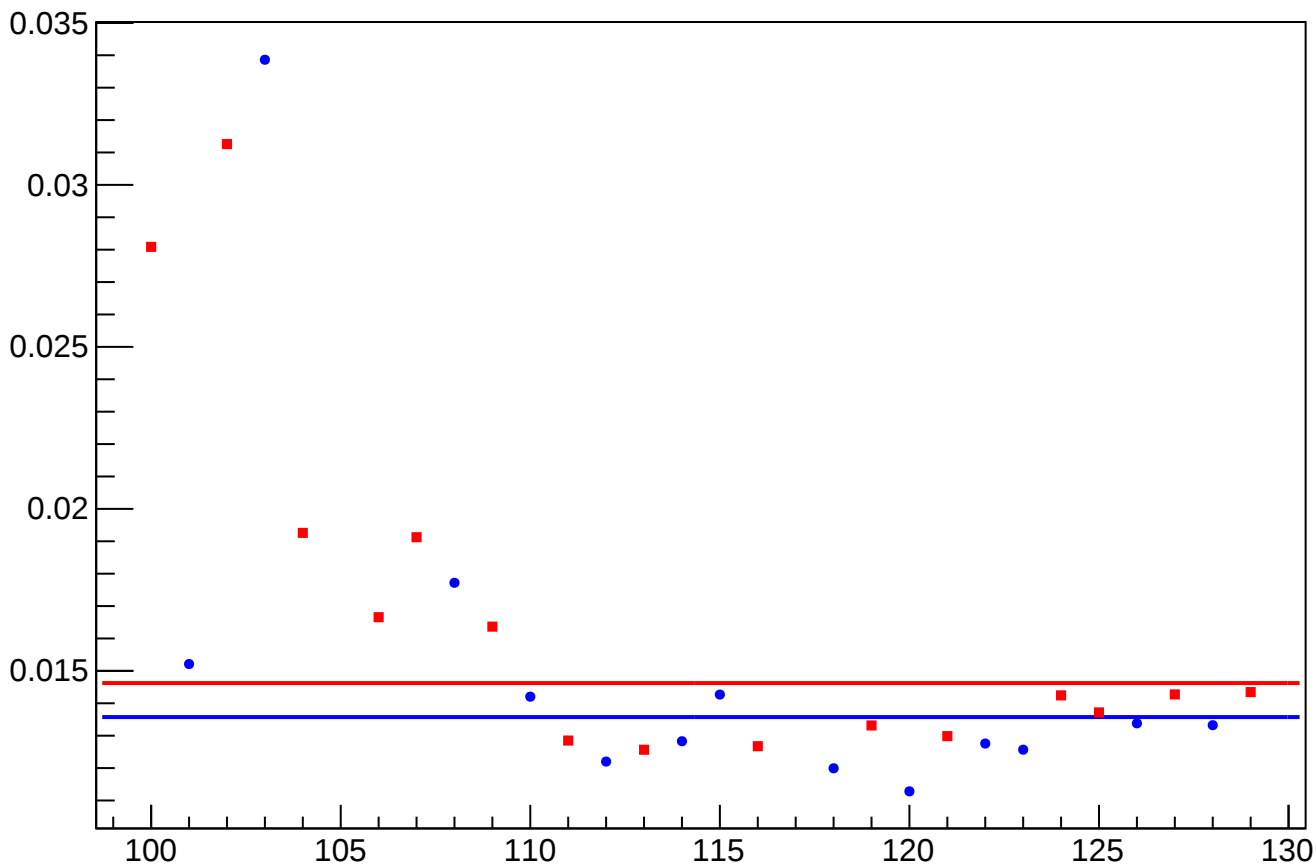
Right: 0.964+/-0.000 χ^2/NDF : 396594859.3/27

In: 0.987+/-0.000 χ^2/NDF :48198446.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.964+/-0.000 χ^2/NDF : 396594859.3/27

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 479633.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 468128.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

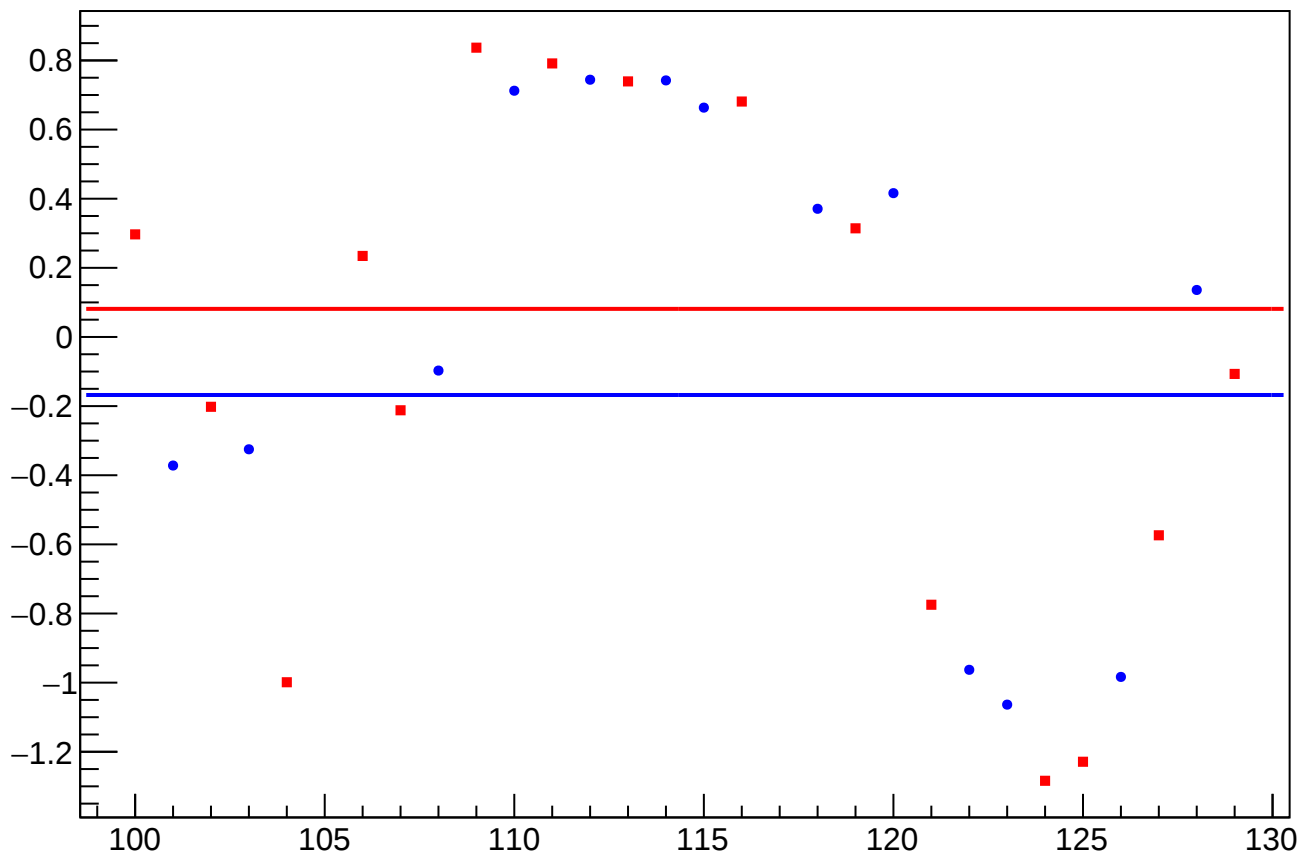
Right: 0.014+/-0.000 χ^2/NDF : 972073.3/27

In: 0.014+/-0.000 χ^2/NDF : 479633.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 972073.3/27

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.168+/-0.000

χ^2/NDF : 4613609191.2/12

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: -0.012+/-0.000 χ^2/NDF : 16990327326.6/27

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: -0.168+/-0.000 χ^2/NDF : 4613609191.2/12

Right Out: 0.081+/-0.000

χ^2/NDF : 11881289553.1/14

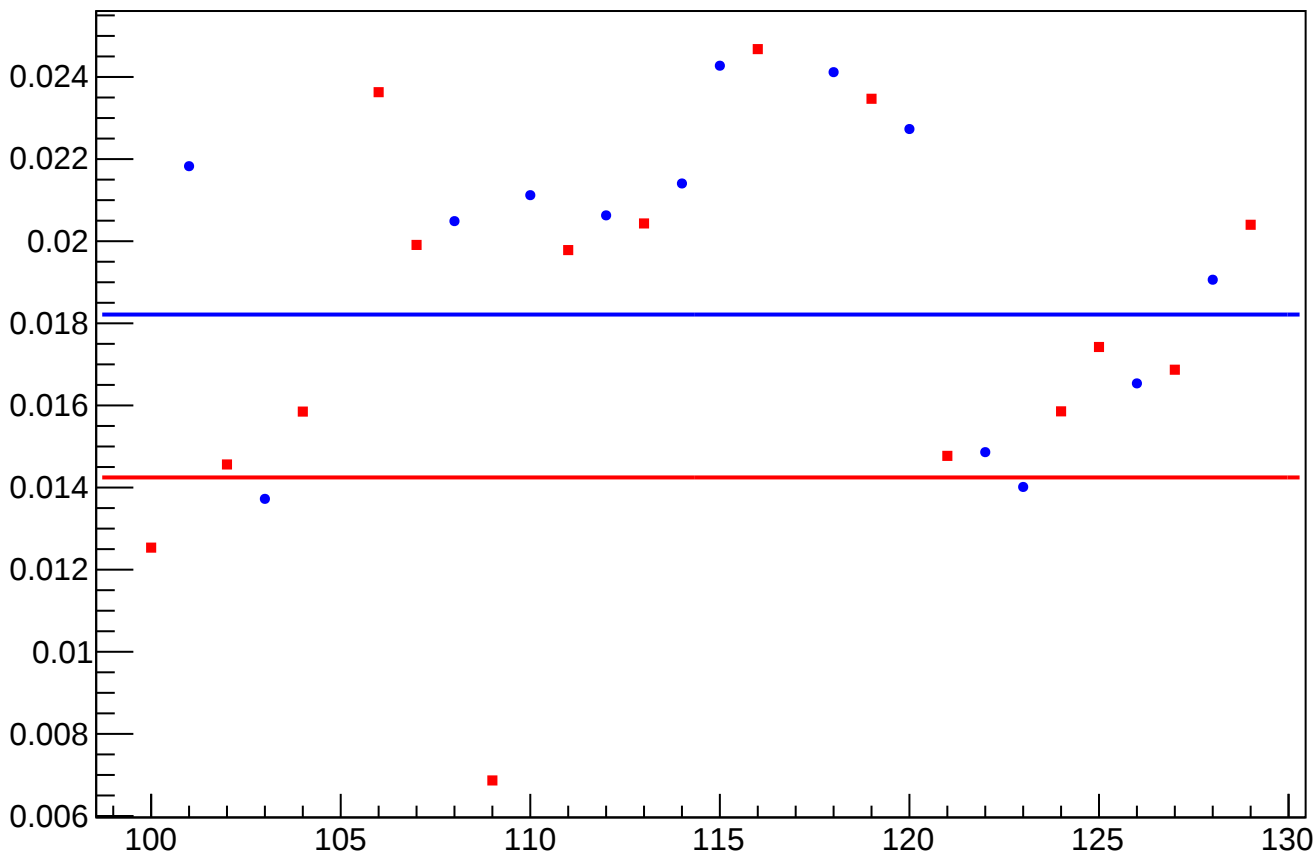
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: -0.012+/-0.000 χ^2/NDF : 16990327326.6/27

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 334042.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1376456.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

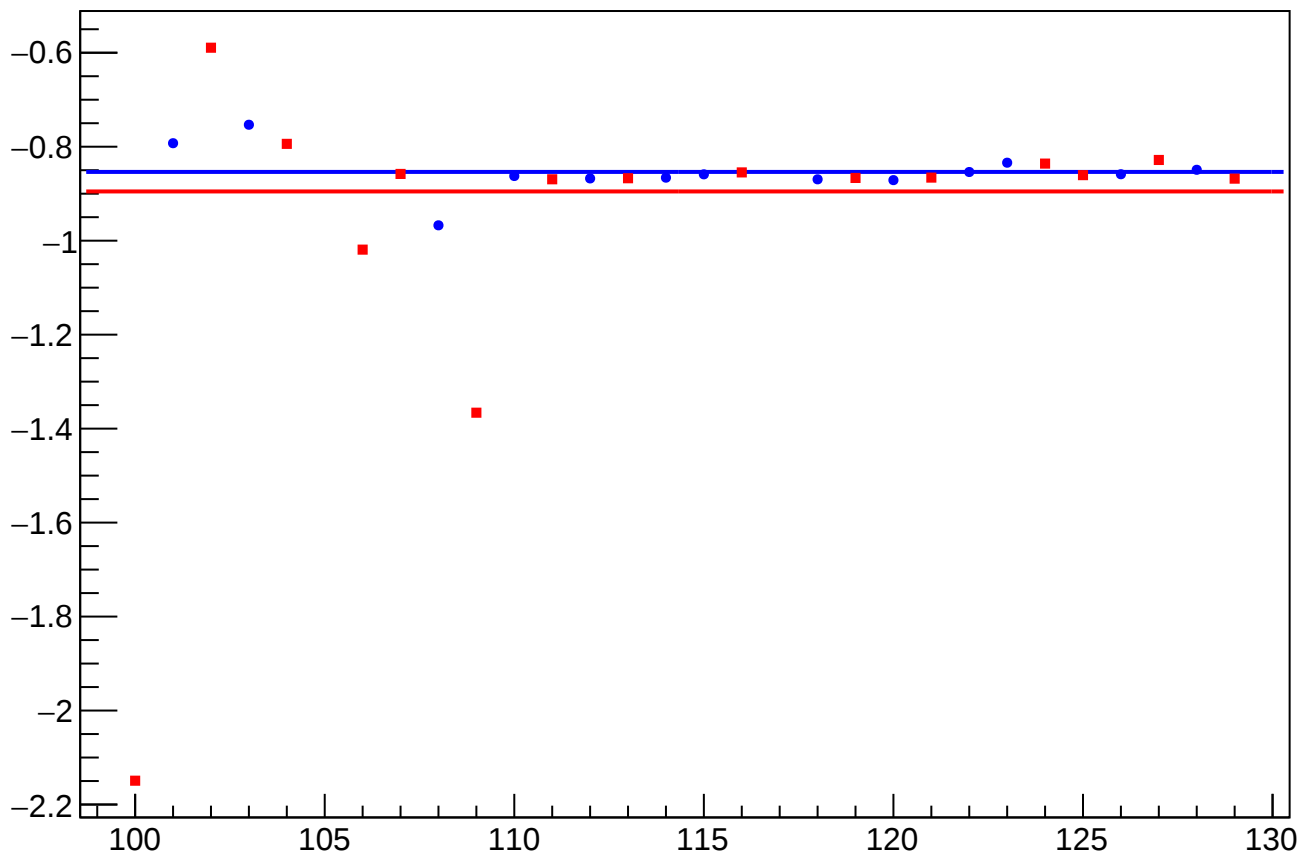
Right: 0.016+/-0.000 χ^2/NDF : 1961785.1/27

In: 0.018+/-0.000 χ^2/NDF :334042.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.016+/-0.000 χ^2/NDF : 1961785.1/27

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.854+/-0.000 χ^2/NDF : 6298601.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.895+/-0.000 χ^2/NDF : 112082100.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

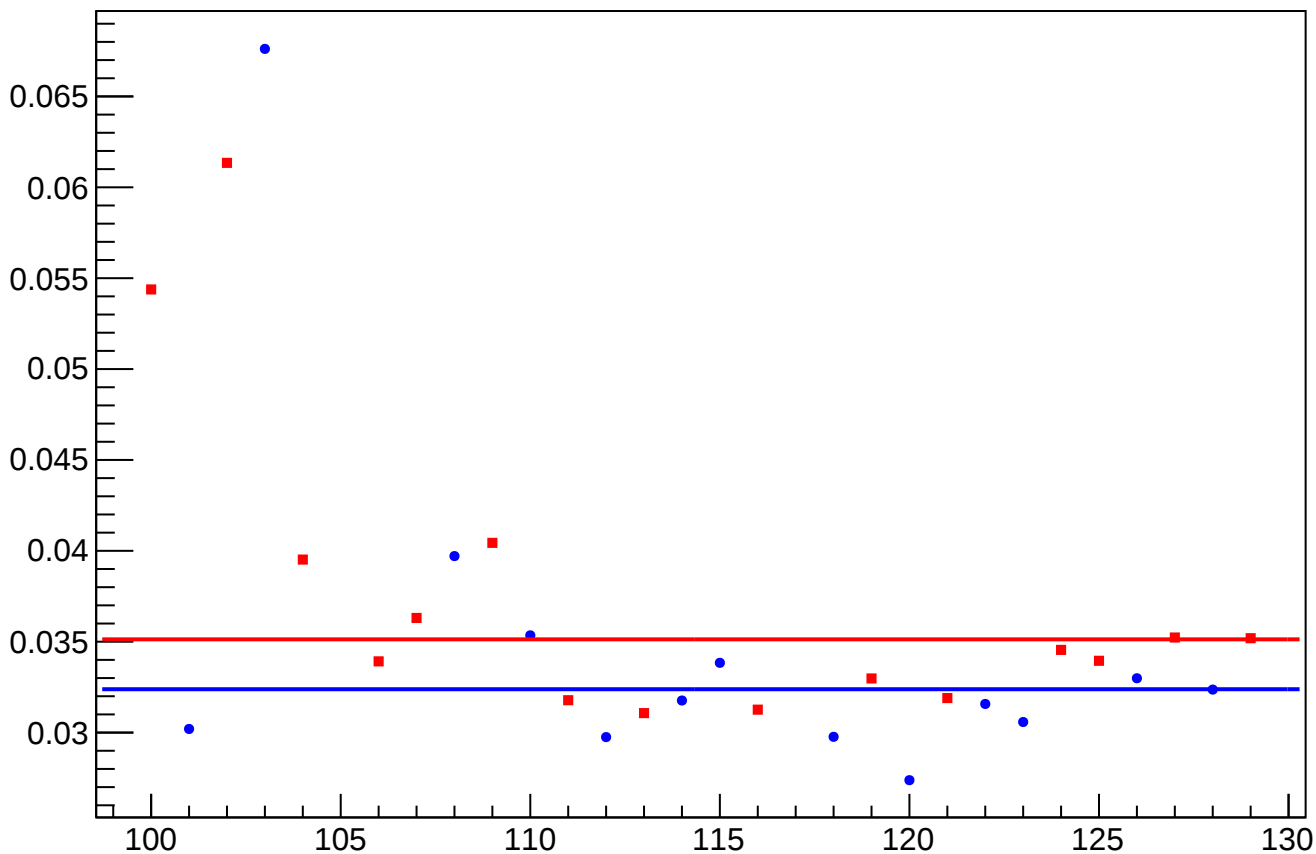
Right: -0.874+/-0.000 χ^2/NDF : 121745465.0/27

In: -0.854+/-0.000 χ^2/NDF :6298601.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.874+/-0.000 χ^2/NDF : 121745465.0/27

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.032+/-0.000 χ^2/NDF : 344705.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.035+/-0.000 χ^2/NDF : 256635.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

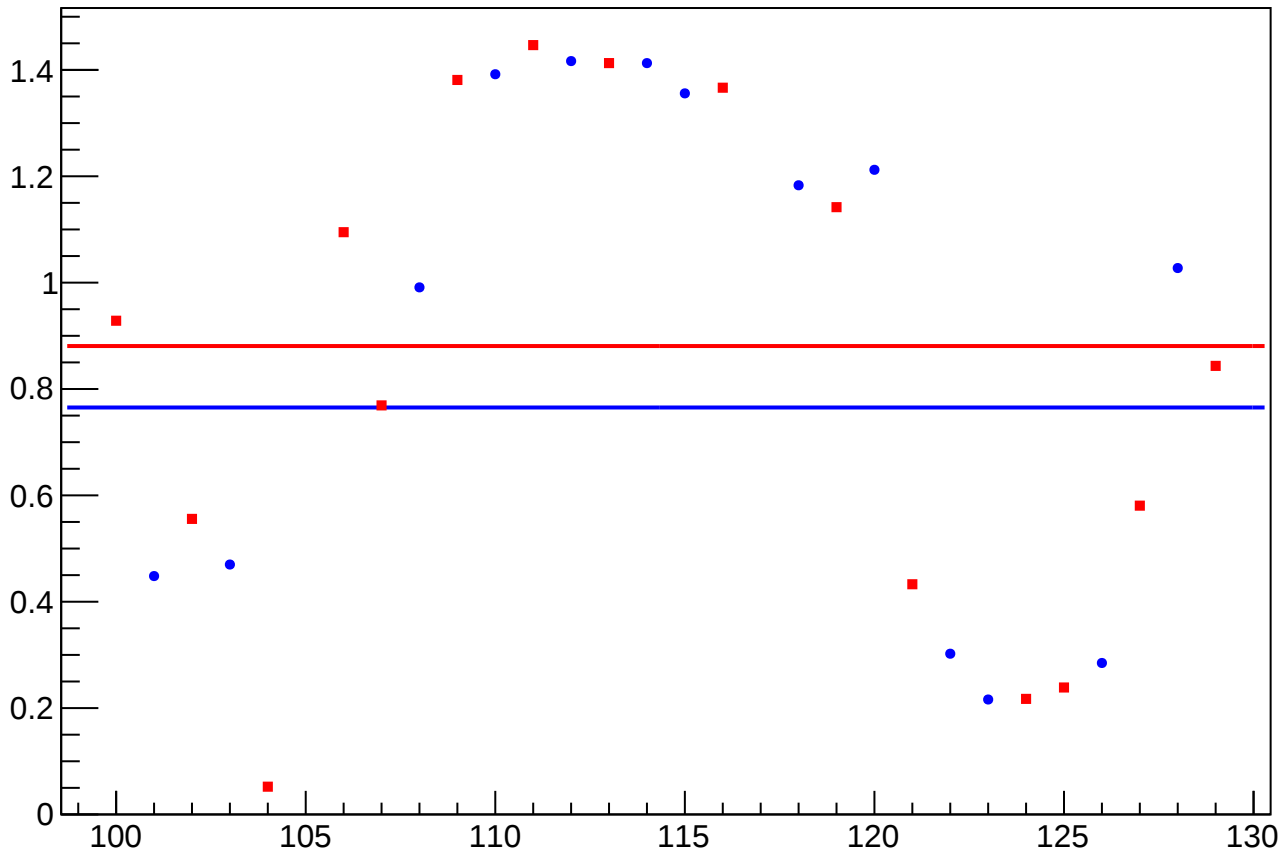
Right: 0.034+/-0.000 χ^2/NDF : 630691.2/27

In: 0.032+/-0.000 χ^2/NDF :344705.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.034+/-0.000 χ^2/NDF : 630691.2/27

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.765+/-0.000 χ^2/NDF : 5289035364.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.881+/-0.000 χ^2/NDF : 9269382039.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

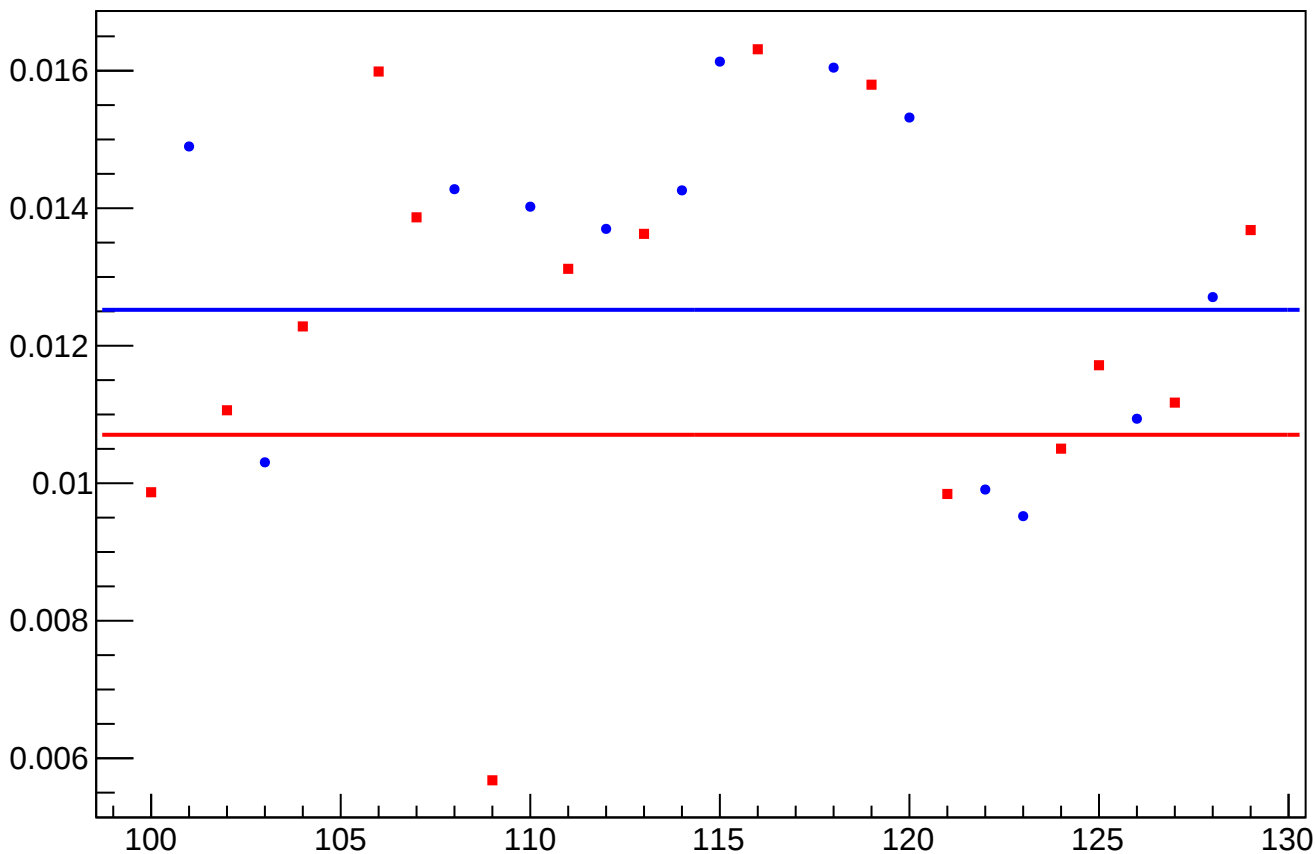
Right: 0.834+/-0.000 χ^2/NDF : 14774655747.6/27

In: 0.765+/-0.000 χ^2/NDF : 5289035364.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.834+/-0.000 χ^2/NDF : 14774655747.6/27

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 259070.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 876596.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

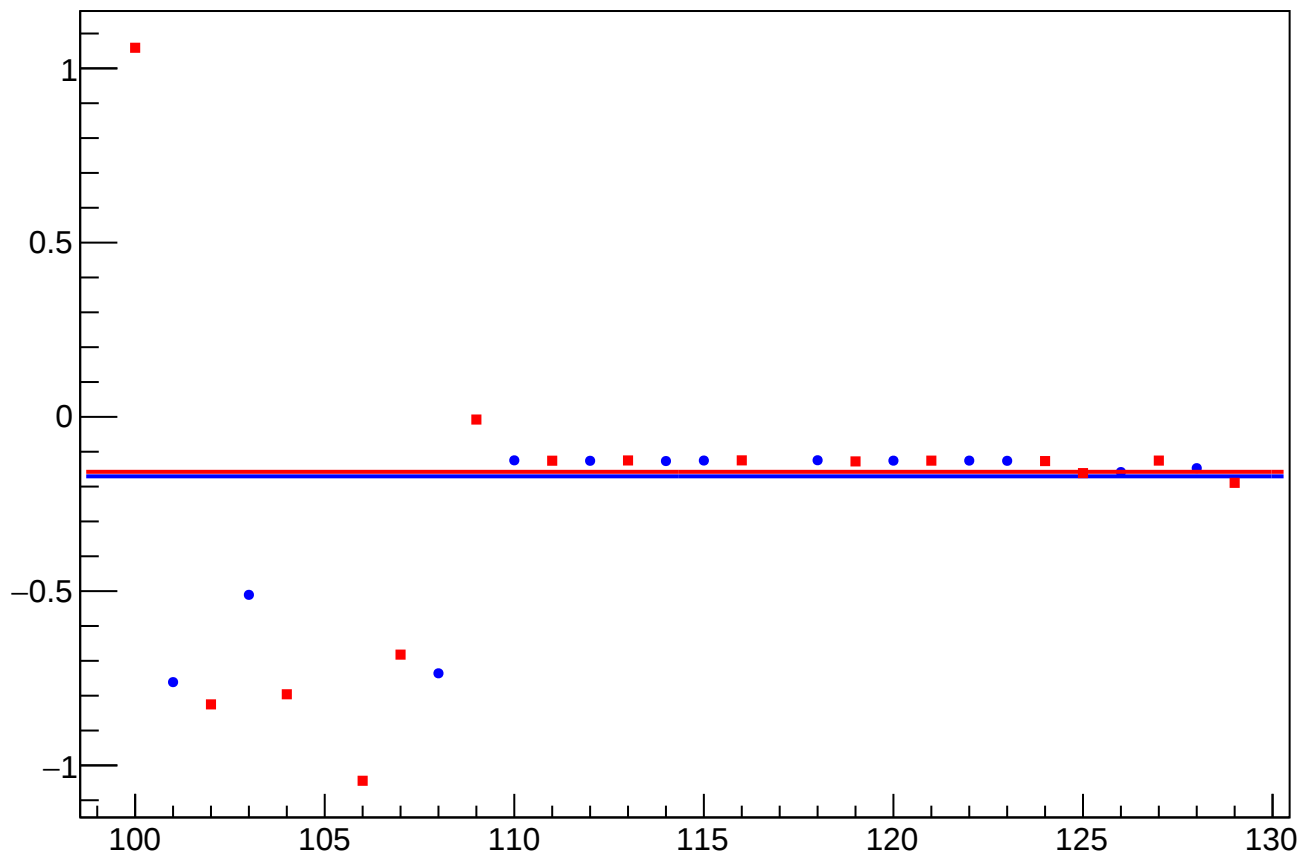
Right: 0.011+/-0.000 χ^2/NDF : 1242666.6/27

In: 0.013+/-0.000 χ^2/NDF :259070.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 1242666.6/27

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.171+/-0.000 χ^2/NDF : 356071416.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.158+/-0.000 χ^2/NDF : 423580264.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

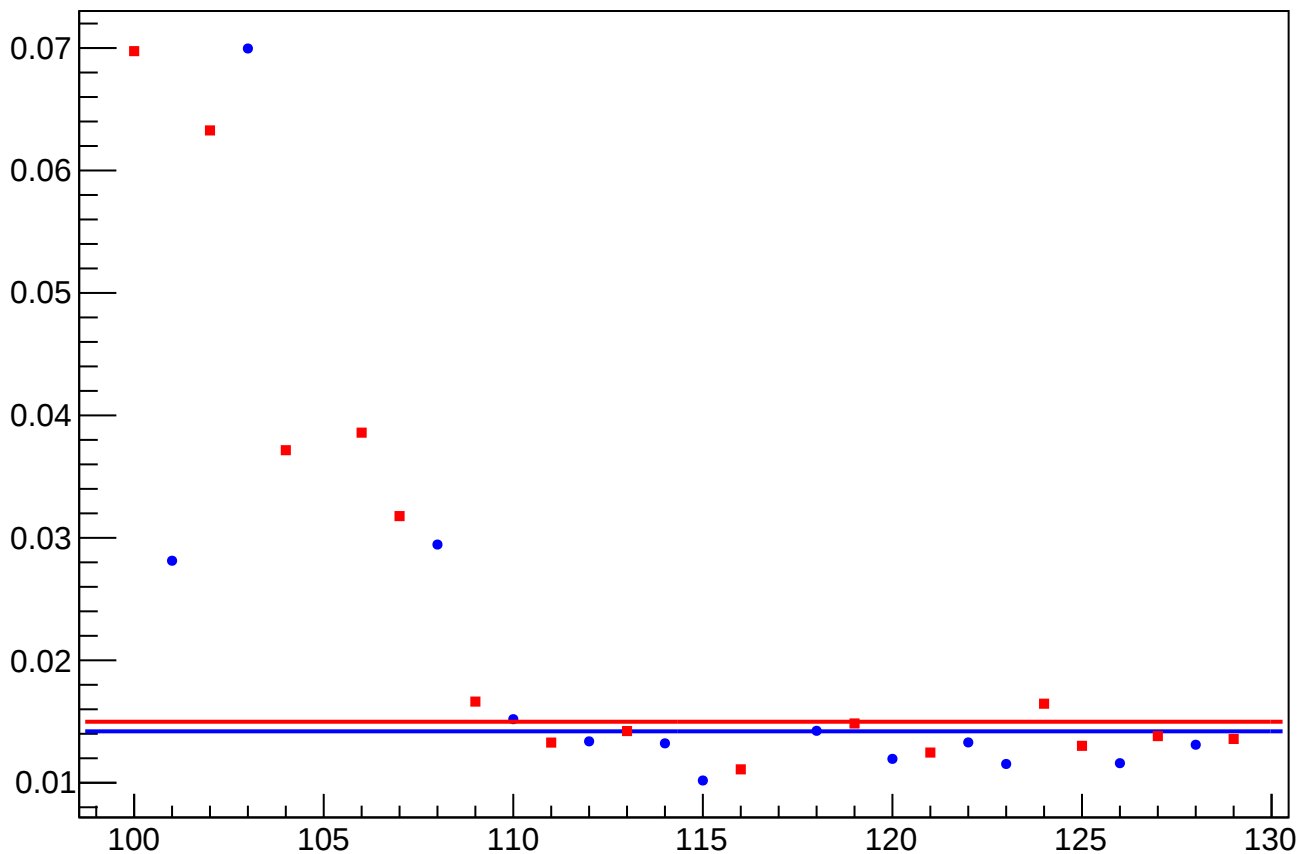
Right: -0.164+/-0.000 χ^2/NDF : 781088272.2/27

In: -0.171+/-0.000 χ^2/NDF :356071416.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.164+/-0.000 χ^2/NDF : 781088272.2/27

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1181997.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 1347521.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

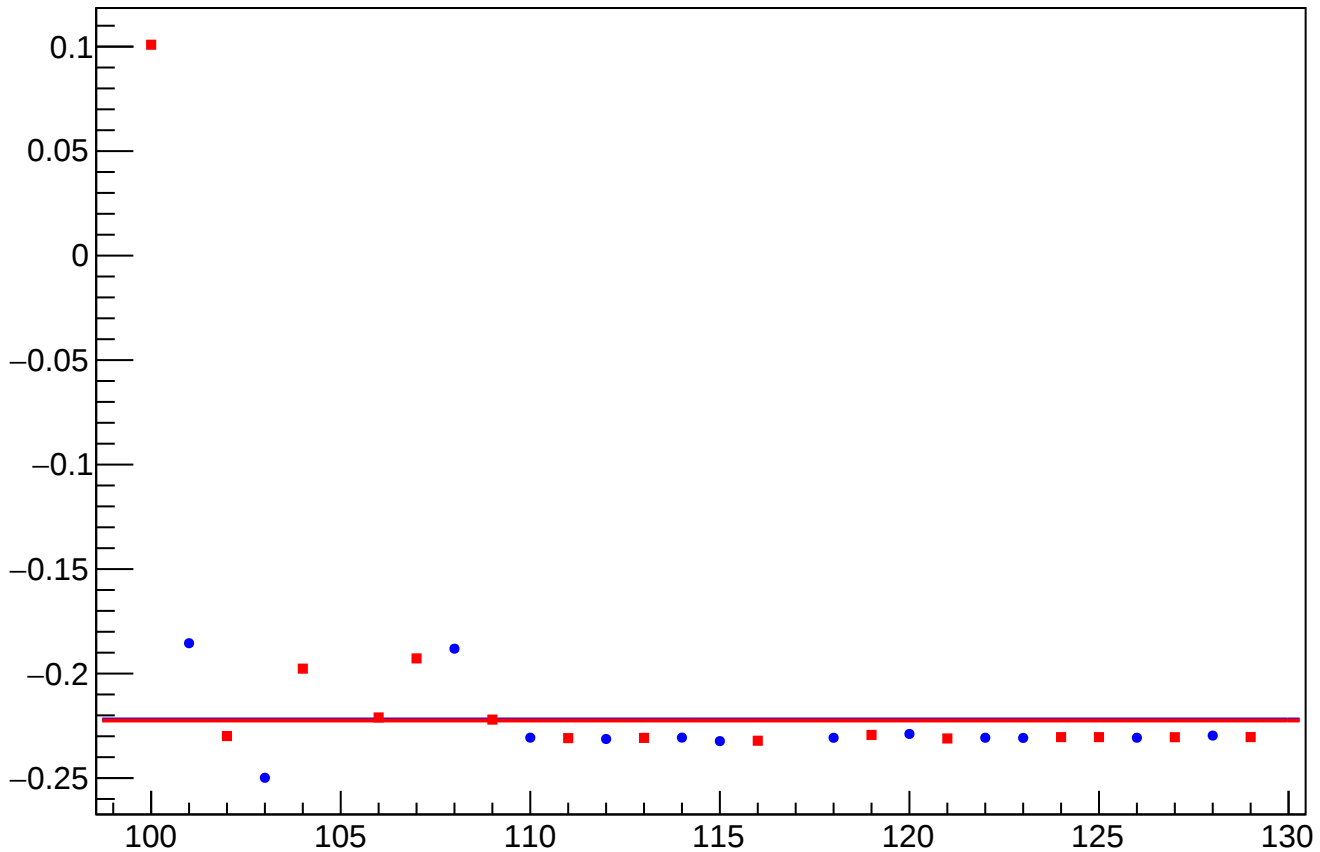
Right: 0.015+/-0.000 χ^2/NDF : 2539968.1/27

In: 0.014+/-0.000 χ^2/NDF : 1181997.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 2539968.1/27

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.222+/-0.000 χ^2/NDF : 71776520.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.222+/-0.000 χ^2/NDF : 166631617.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

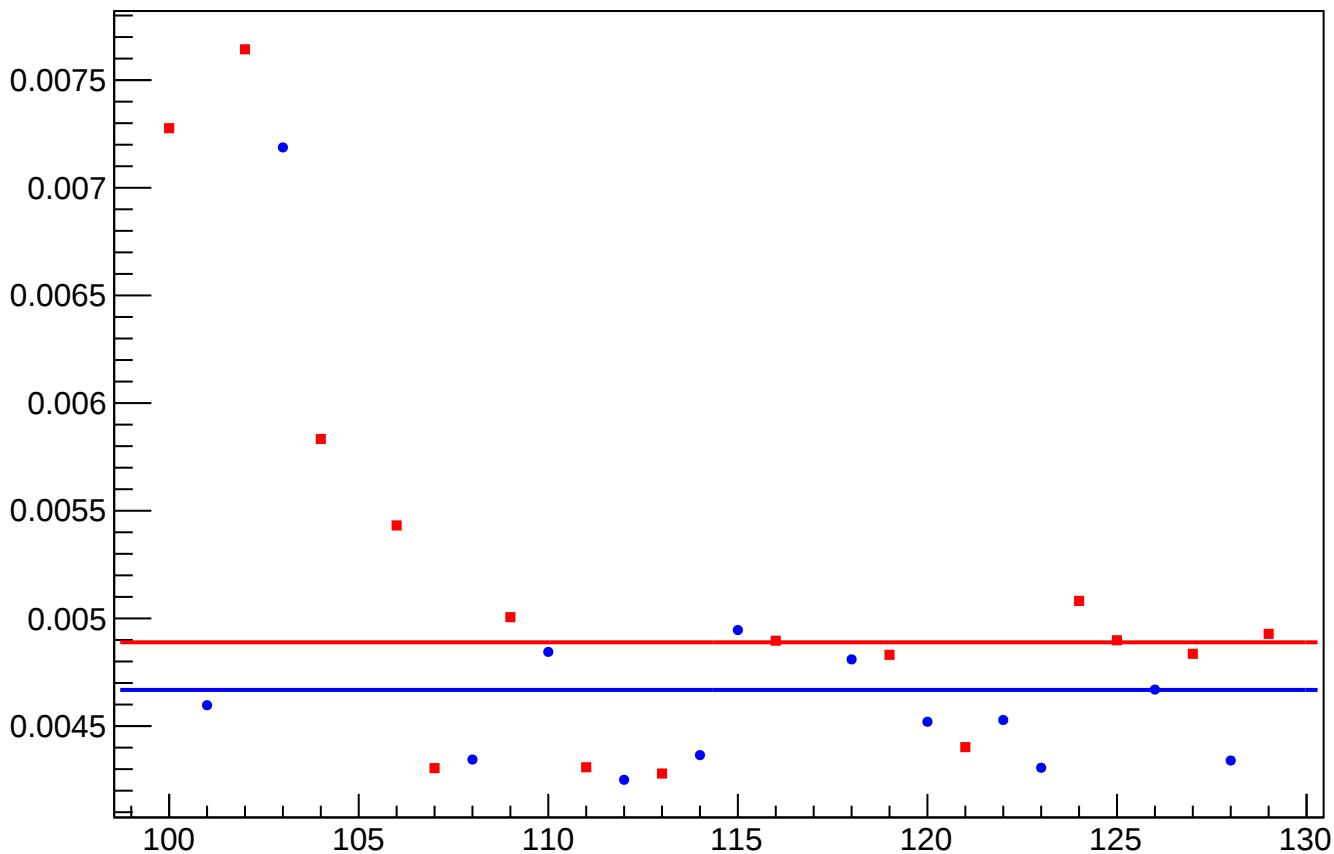
Right: -0.222+/-0.000 χ^2/NDF : 238427453.3/27

In: -0.222+/-0.000 χ^2/NDF : 71776520.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.222+/-0.000 χ^2/NDF : 238427453.3/27

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 152325.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 226331.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

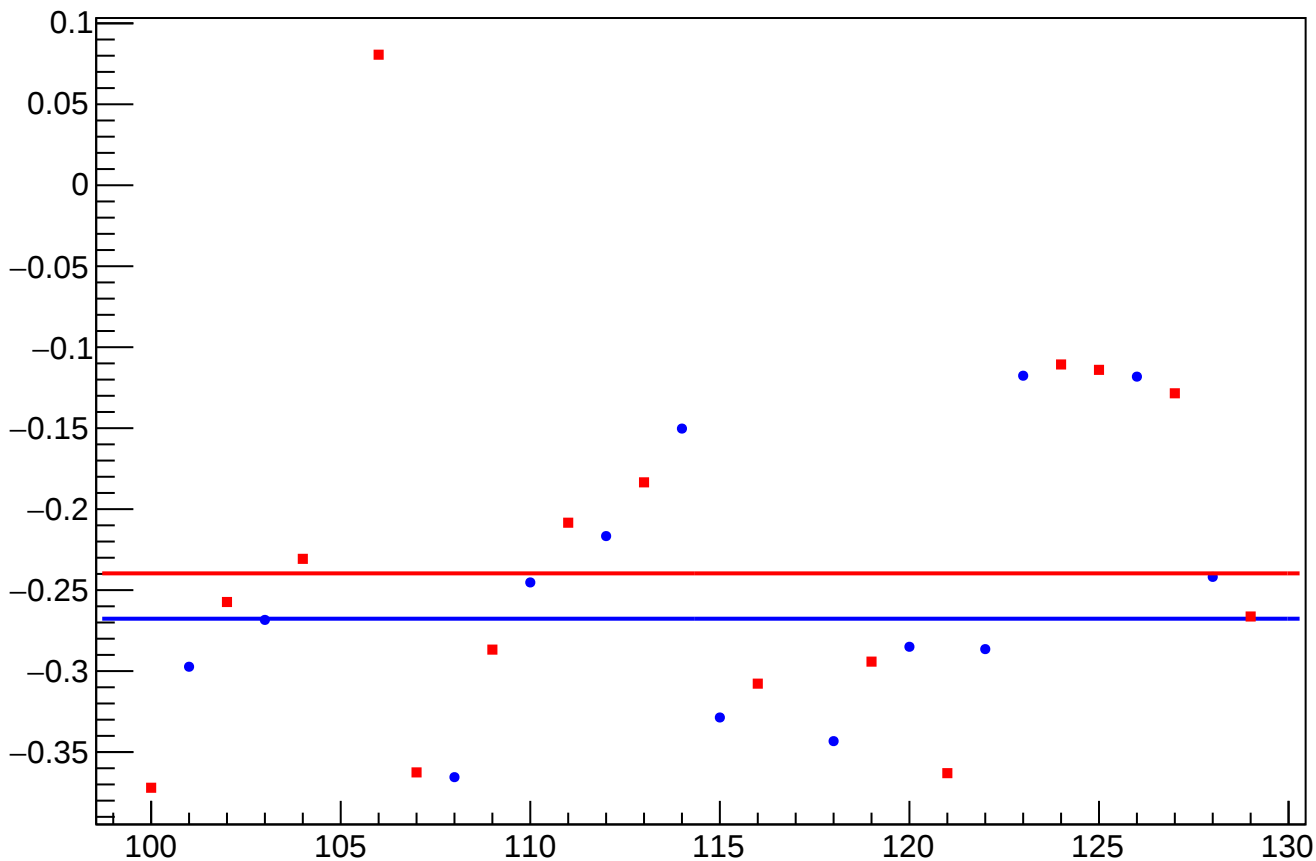
Right: 0.005+/-0.000 χ^2/NDF : 388577.1/27

In: 0.005+/-0.000 χ^2/NDF : 152325.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 388577.1/27

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.268+/-0.000 χ^2/NDF : 472764087.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.240+/-0.000 χ^2/NDF : 1053130416.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

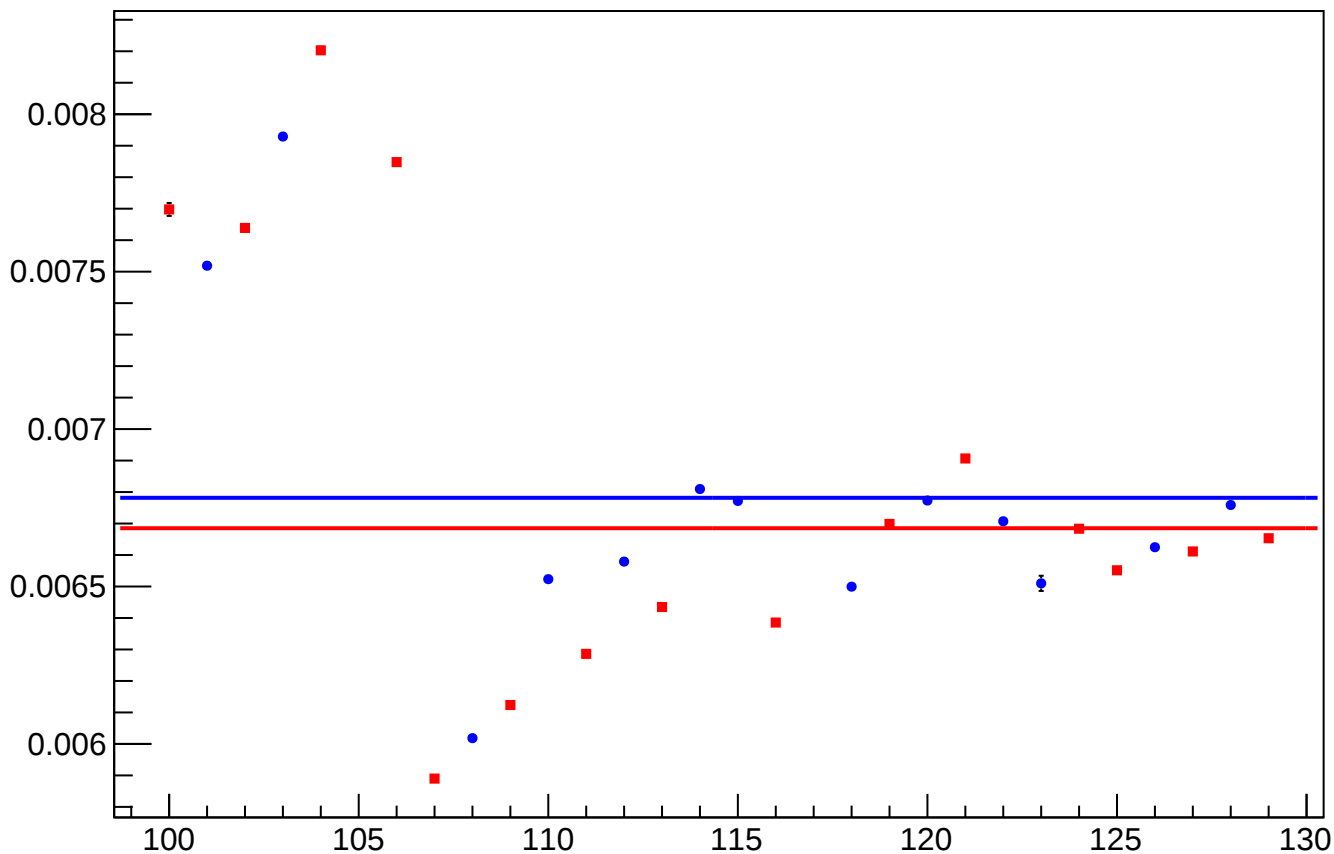
Right: -0.252+/-0.000 χ^2/NDF : 1569074748.2/27

In: -0.268+/-0.000 χ^2/NDF : 472764087.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.252+/-0.000 χ^2/NDF : 1569074748.2/27

yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 51341.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 89004.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

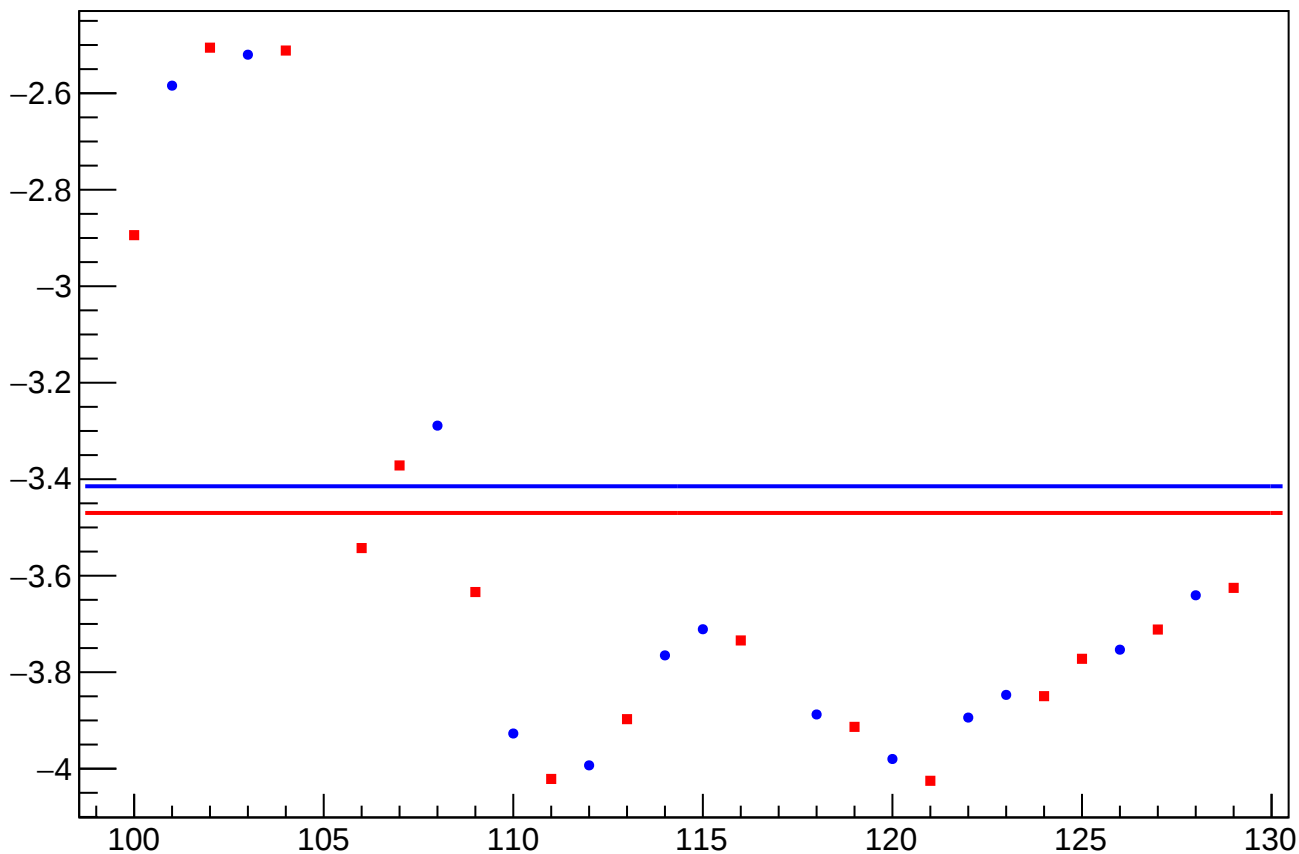
Right: 0.007+/-0.000 χ^2/NDF : 141374.7/27

In: 0.007+/-0.000 χ^2/NDF :51341.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 141374.7/27

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.415+/-0.000 χ^2/NDF : 25758412814.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.470+/-0.000 χ^2/NDF : 25179283831.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

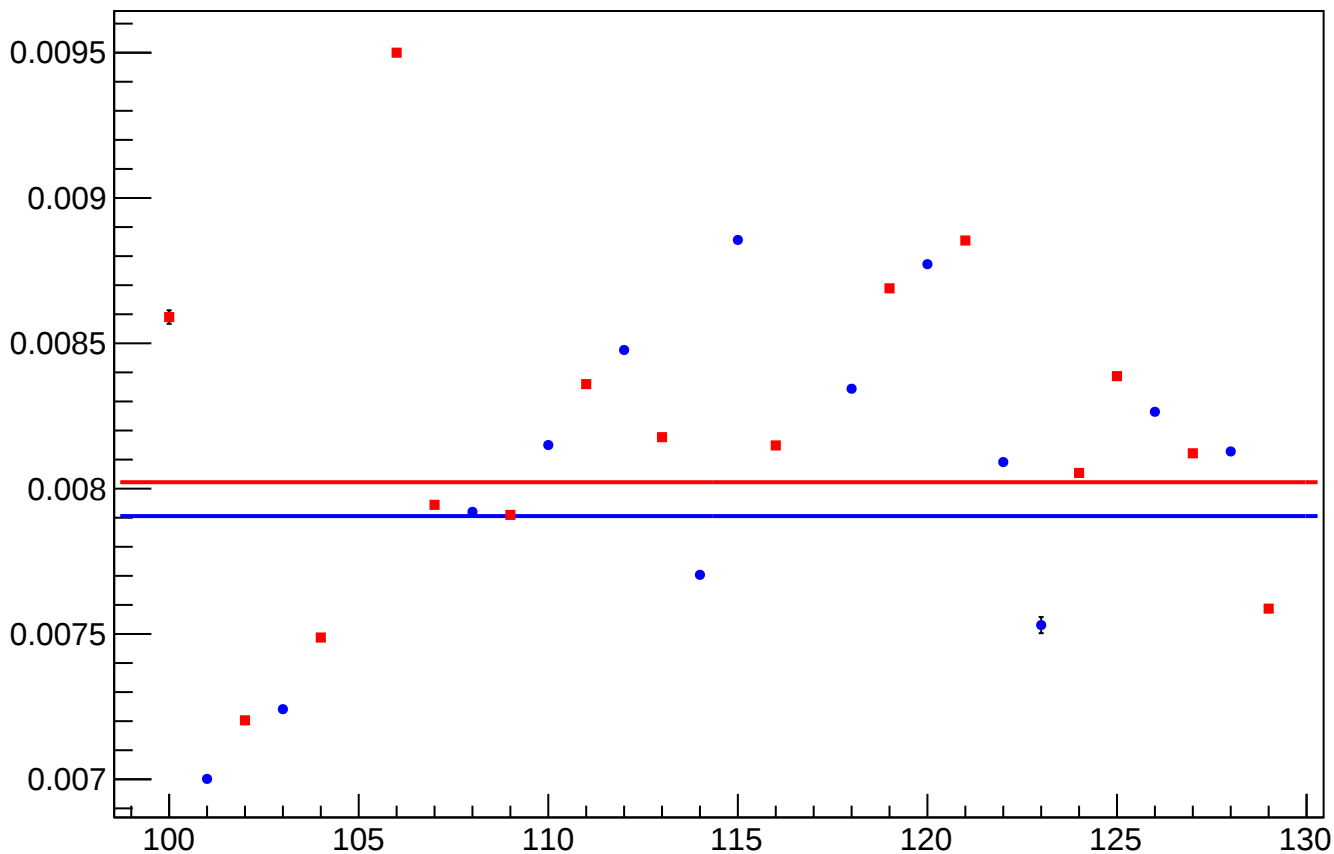
Right: -3.444+/-0.000 χ^2/NDF : 51056668598.3/27

In: -3.415+/-0.000 χ^2/NDF : 25758412814.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.444+/-0.000 χ^2/NDF : 51056668598.3/27

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 48054.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 44855.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

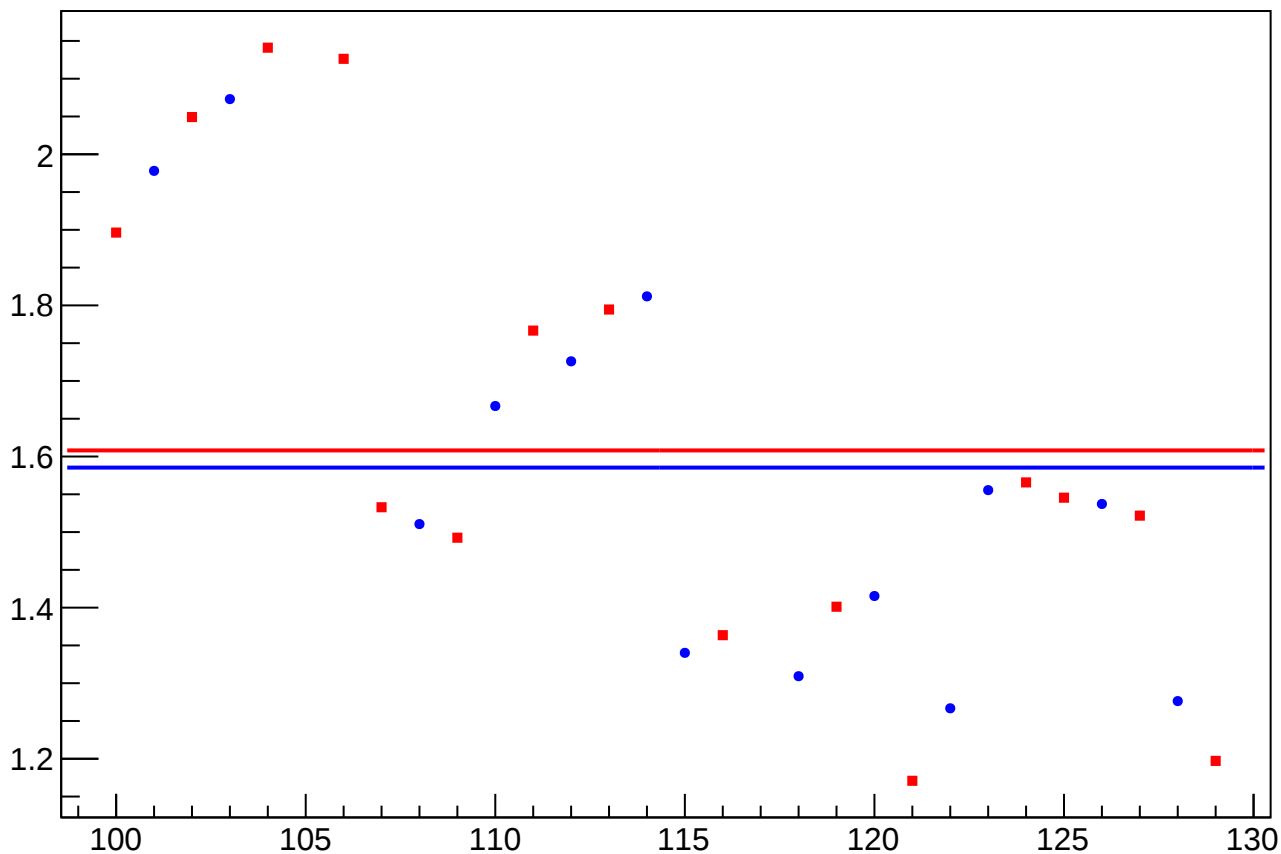
Right: 0.008+/-0.000 χ^2/NDF : 93965.9/27

In: 0.008+/-0.000 χ^2/NDF :48054.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 93965.9/27

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.585+/-0.000 χ^2/NDF : 2299779181.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.608+/-0.000 χ^2/NDF : 3187024609.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

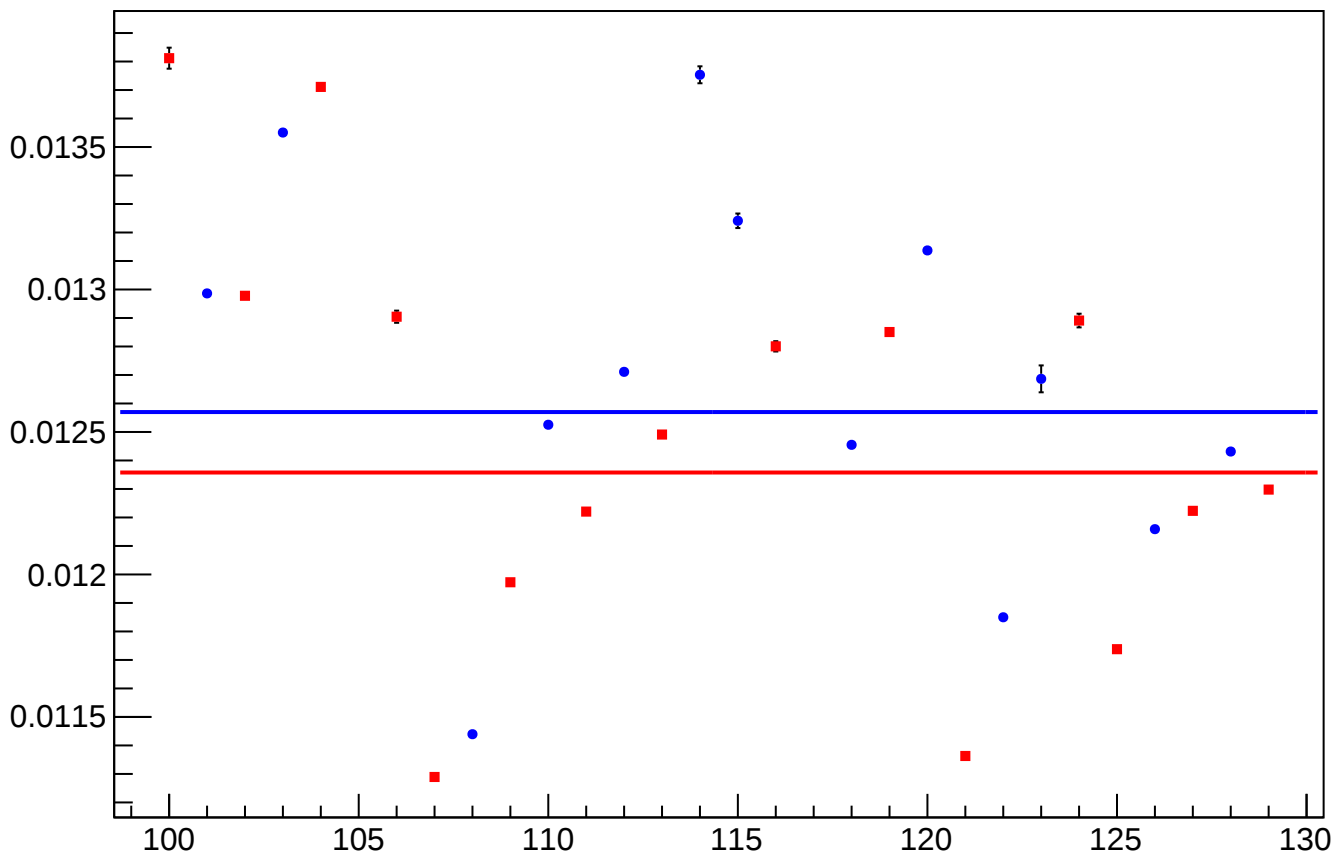
Right: 1.598+/-0.000 χ^2/NDF : 5495095198.0/27

In: 1.585+/-0.000 χ^2/NDF : 2299779181.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.598+/-0.000 χ^2/NDF : 5495095198.0/27

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 21993.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 32000.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

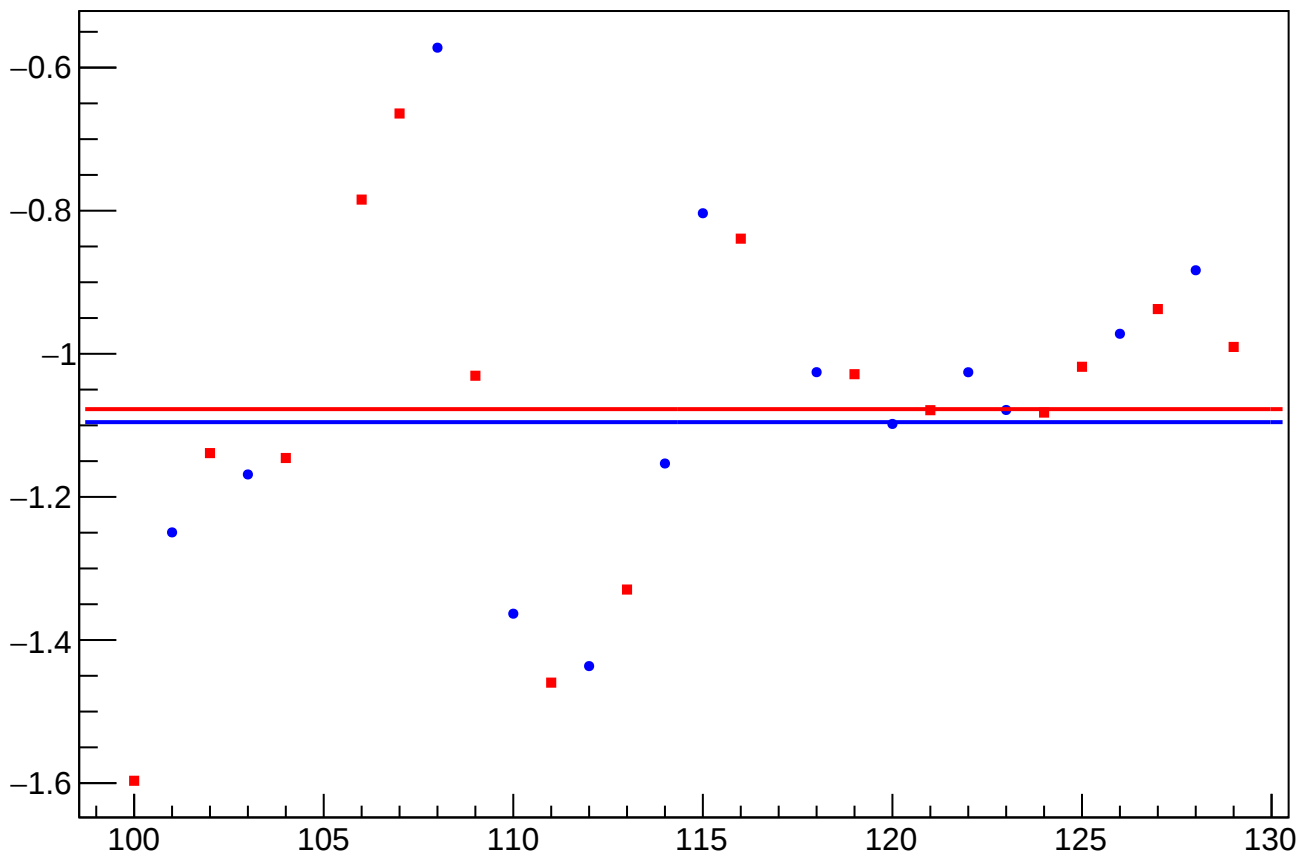
Right: 0.012+/-0.000 χ^2/NDF : 55438.4/27

In: 0.013+/-0.000 χ^2/NDF :21993.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

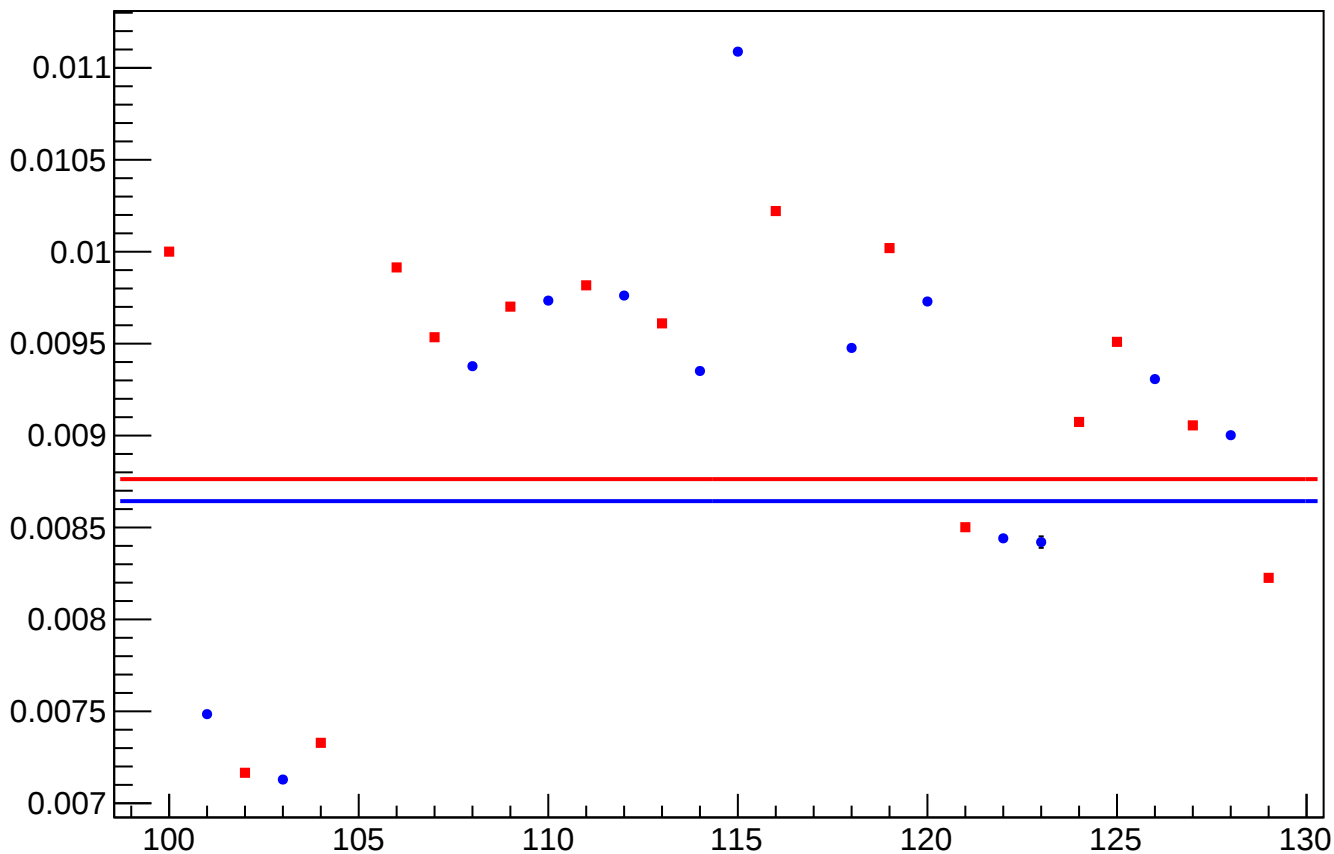
All: 0.012+/-0.000 χ^2/NDF : 55438.4/27

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.096+/-0.000 χ^2/NDF : 2688874927.3/12
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -1.077+/-0.000 χ^2/NDF : 2259022750.1/14
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -1.086+/-0.000 χ^2/NDF : 4958393712.1/27
 In: -1.096+/-0.000 χ^2/NDF :2688874927.3/12
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -1.086+/-0.000 χ^2/NDF : 4958393712.1/27

yield_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 135576.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 157429.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

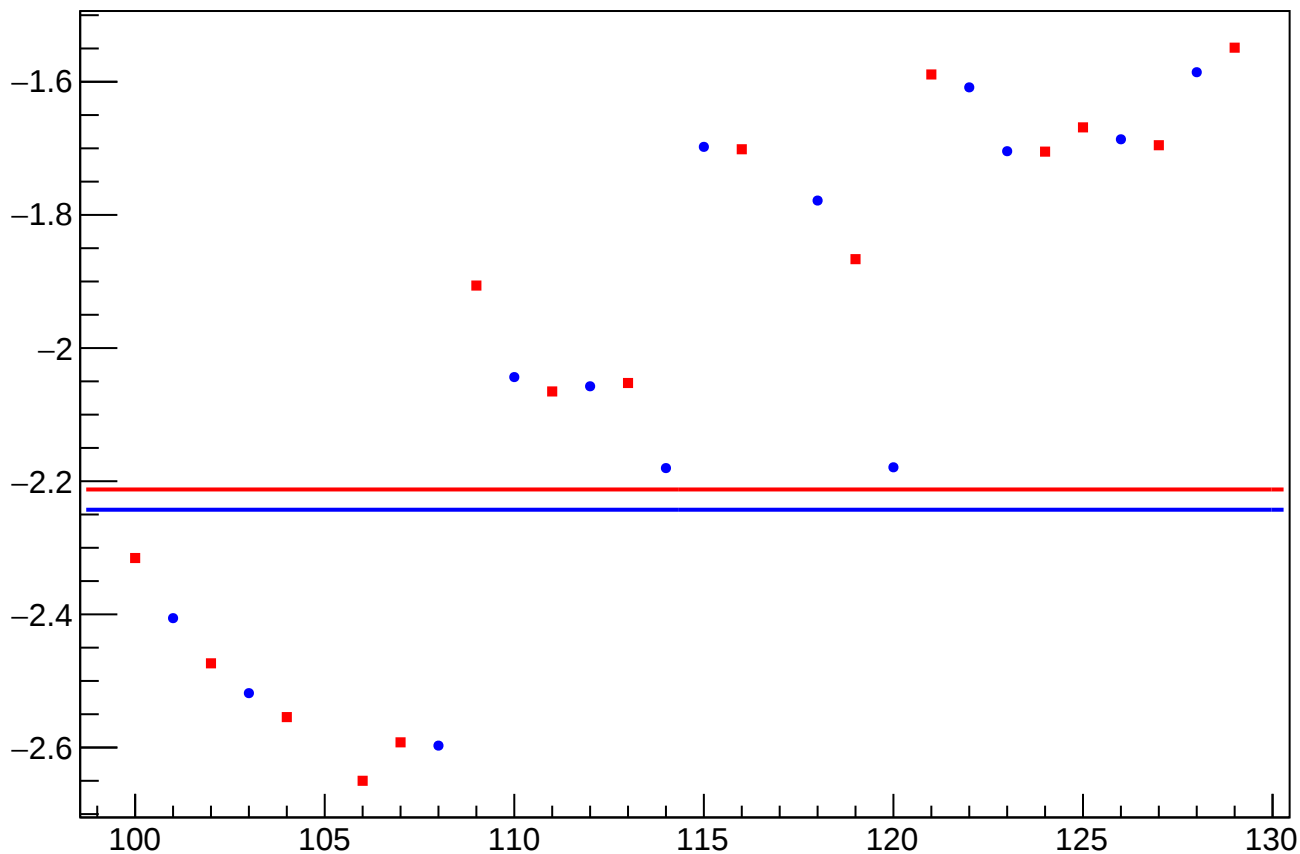
Right: 0.009+/-0.000 χ^2/NDF : 293915.9/27

In: 0.009+/-0.000 χ^2/NDF : 135576.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 293915.9/27

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.243+/-0.000 χ^2/NDF : 9378076917.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.212+/-0.000 χ^2/NDF : 12525291186.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

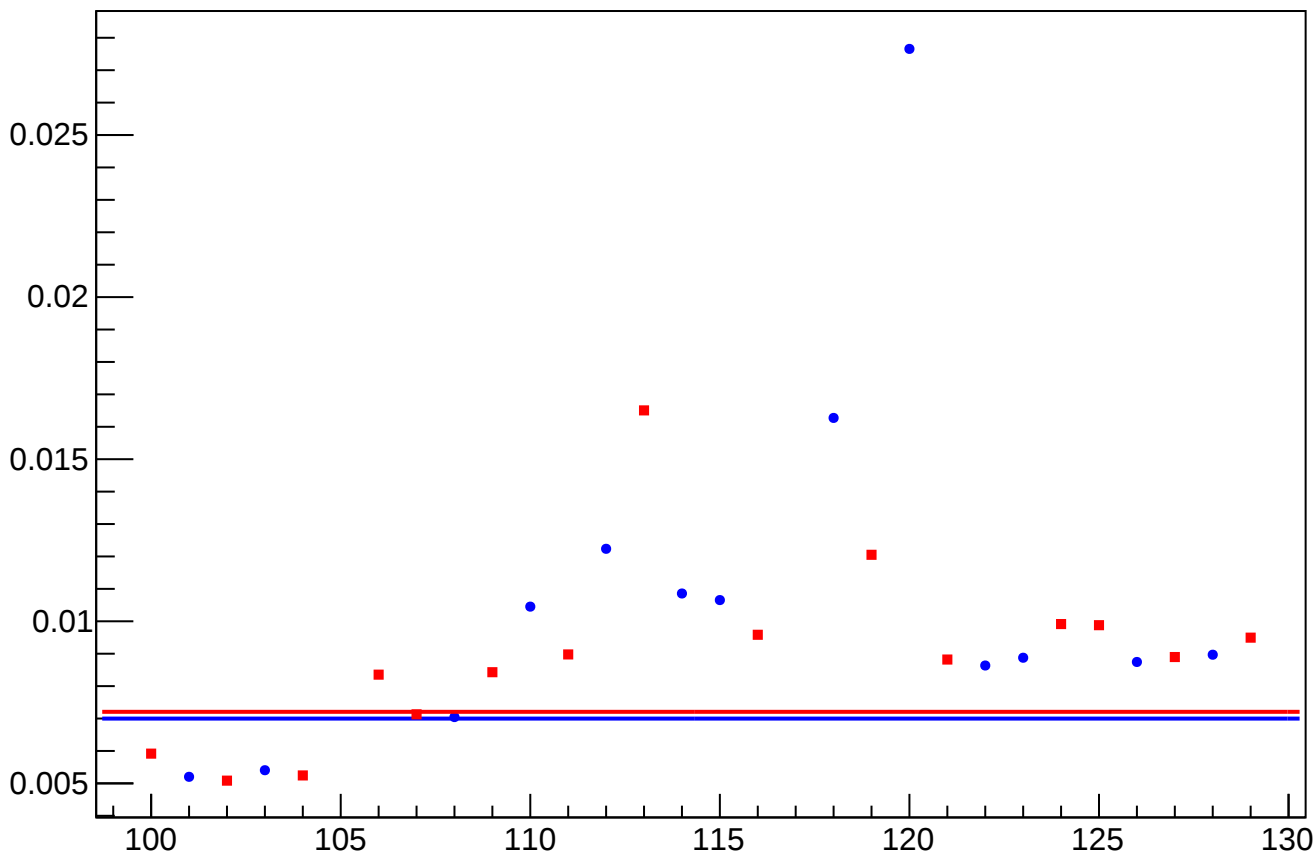
Right: -2.226+/-0.000 χ^2/NDF : 21938345757.3/27

In: -2.243+/-0.000 χ^2/NDF : 9378076917.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.226+/-0.000 χ^2/NDF : 21938345757.3/27

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 999468.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 823336.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

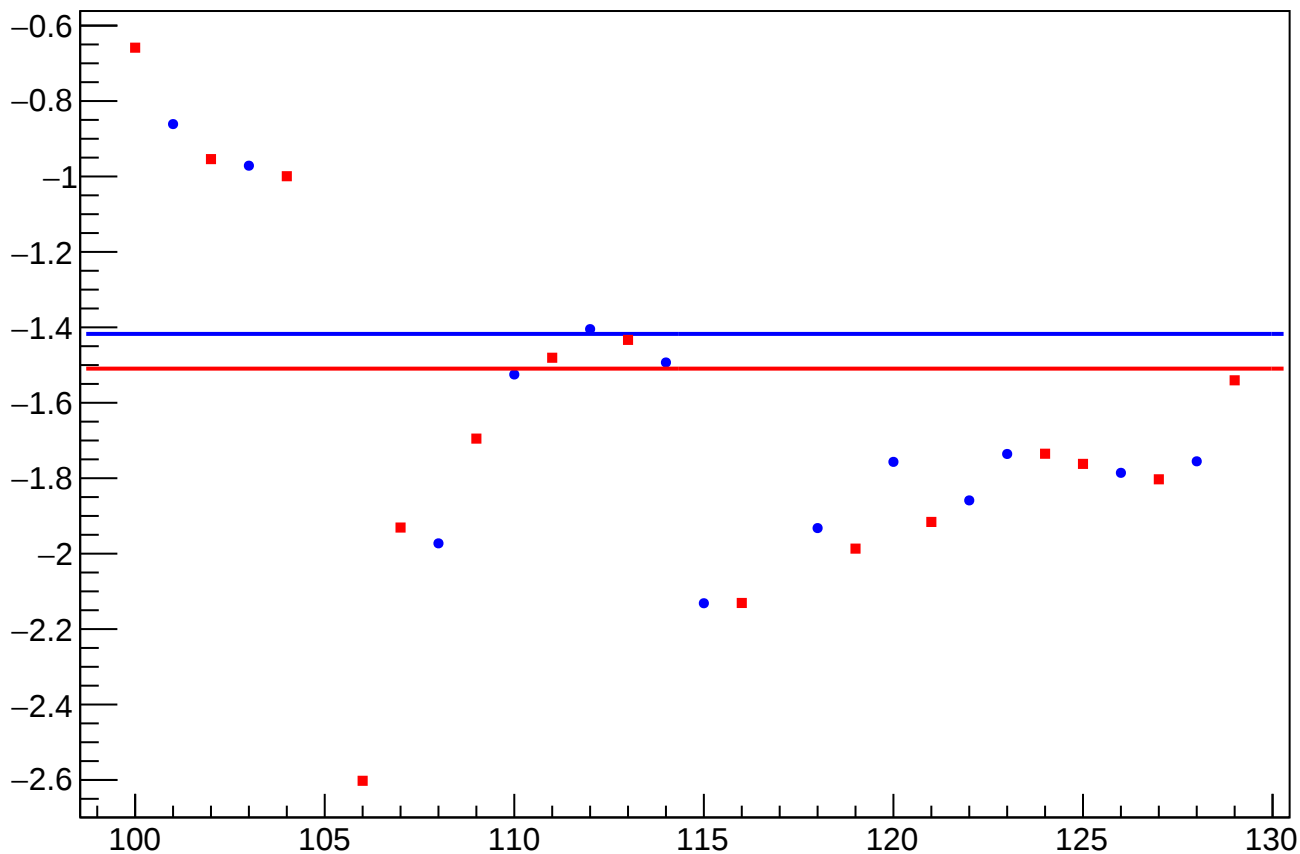
Right: 0.007+/-0.000 χ^2/NDF : 1826103.1/27

In: 0.007+/-0.000 χ^2/NDF : 999468.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 1826103.1/27

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.417+/-0.000 χ^2/NDF : 18217417942.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.509+/-0.000 χ^2/NDF : 24806592509.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

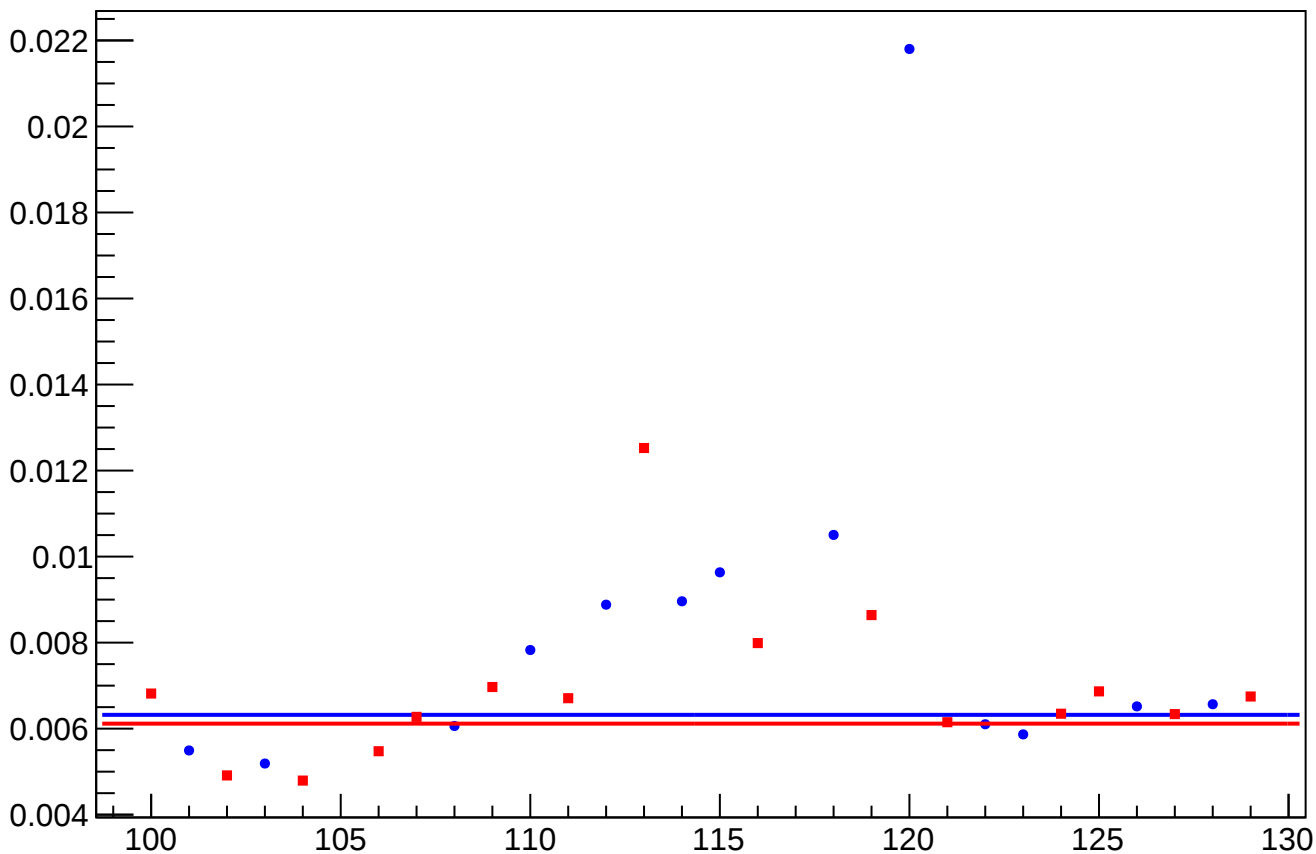
Right: -1.470+/-0.000 χ^2/NDF : 43464140022.1/27

In: -1.417+/-0.000 χ^2/NDF : 18217417942.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.470+/-0.000 χ^2/NDF : 43464140022.1/27

yield_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 518671.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 364542.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

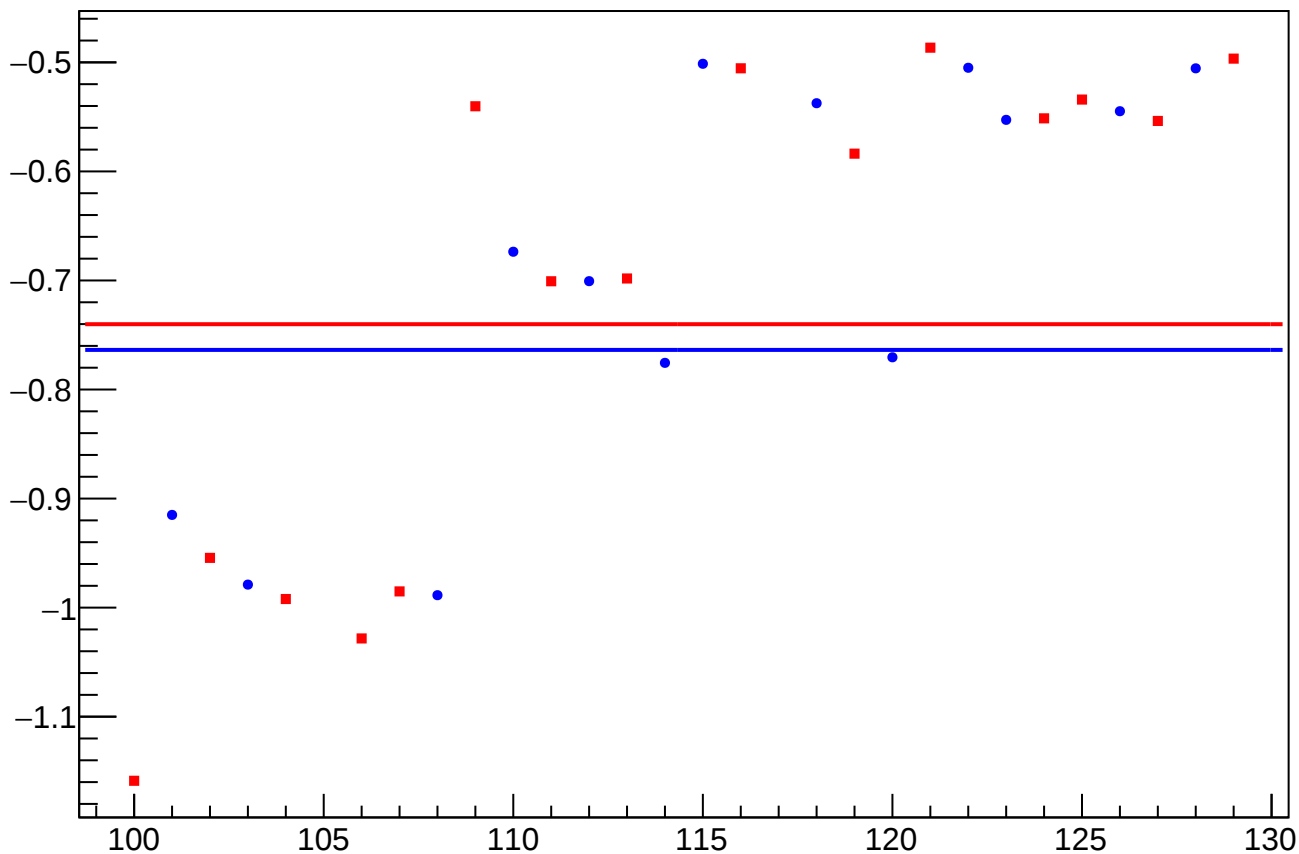
Right: 0.006+/-0.000 χ^2/NDF : 887558.3/27

In: 0.006+/-0.000 χ^2/NDF :518671.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 887558.3/27

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.764 ± 0.000 χ^2/NDF : 6193685284.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.740 ± 0.000 χ^2/NDF : 8585035495.6/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

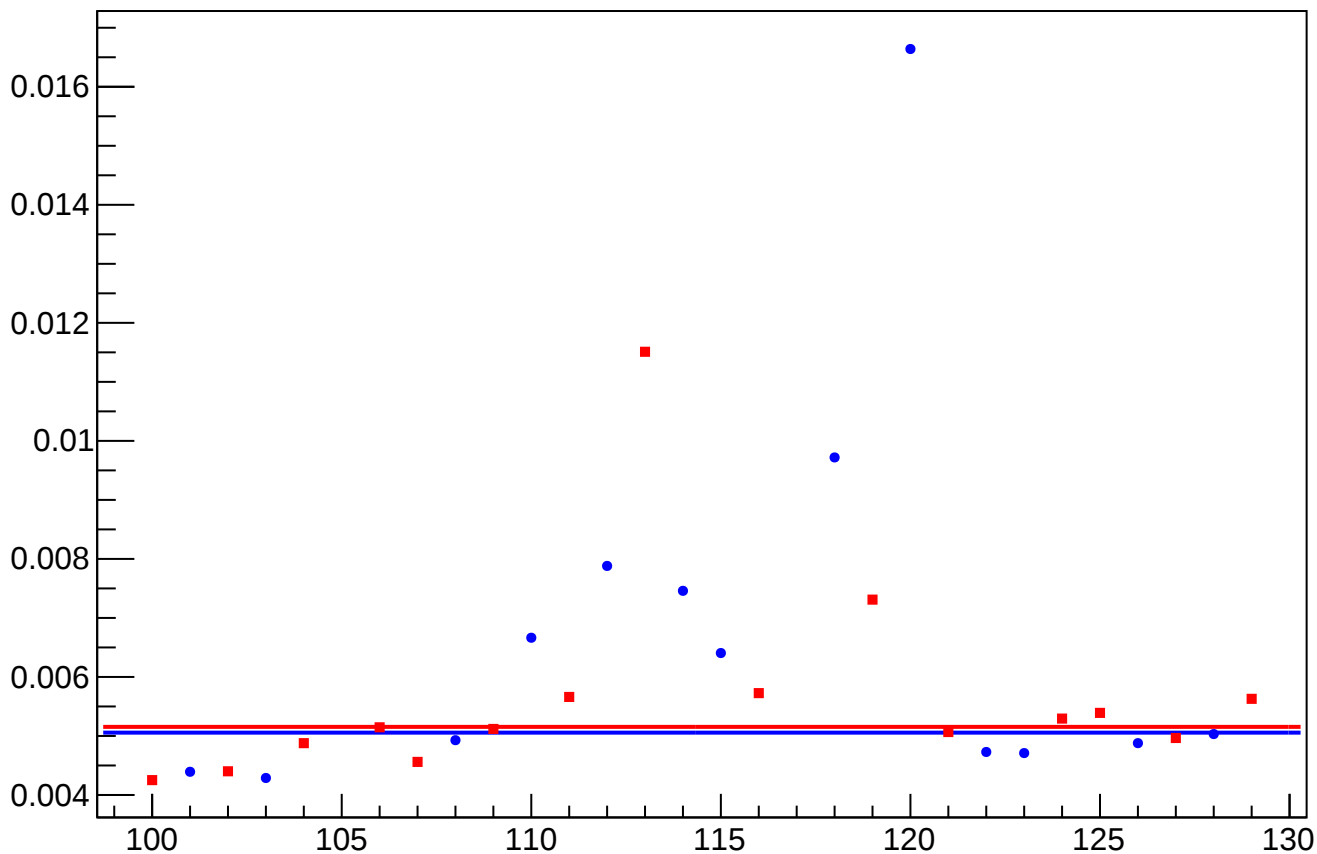
Right: -0.751 ± 0.000 χ^2/NDF : 14822115240.5/27

In: -0.764 ± 0.000 χ^2/NDF : 6193685284.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.751 ± 0.000 χ^2/NDF : 14822115240.5/27

yield_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 584930.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 293808.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

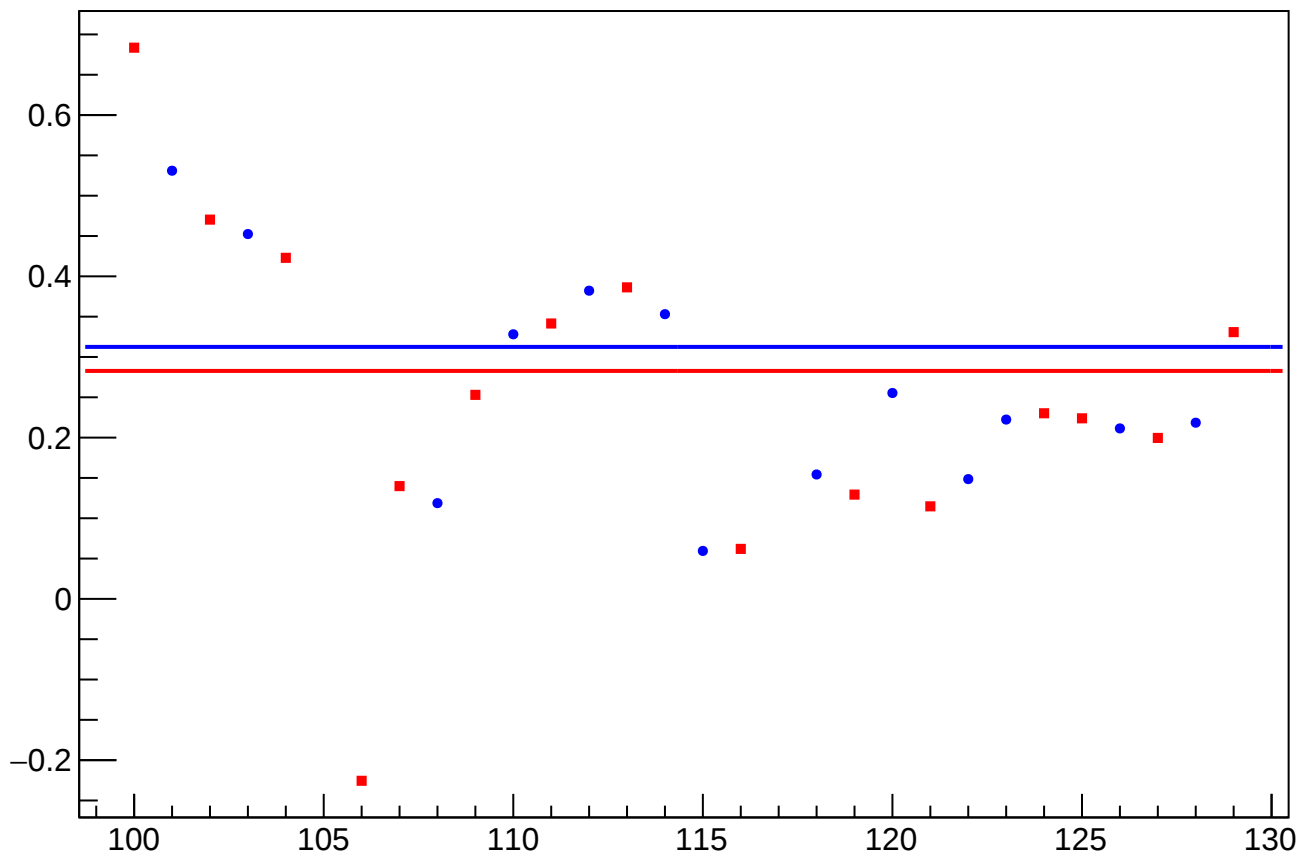
Right: 0.005+/-0.000 χ^2/NDF : 880234.7/27

In: 0.005+/-0.000 χ^2/NDF : 584930.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 880234.7/27

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.312+/-0.000

χ^2/NDF : 5340142007.8/12

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.295+/-0.000 χ^2/NDF : 12688329185.8/27

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.312+/-0.000 χ^2/NDF : 5340142007.8/12

Right Out: 0.283+/-0.000

χ^2/NDF : 7231324110.7/14

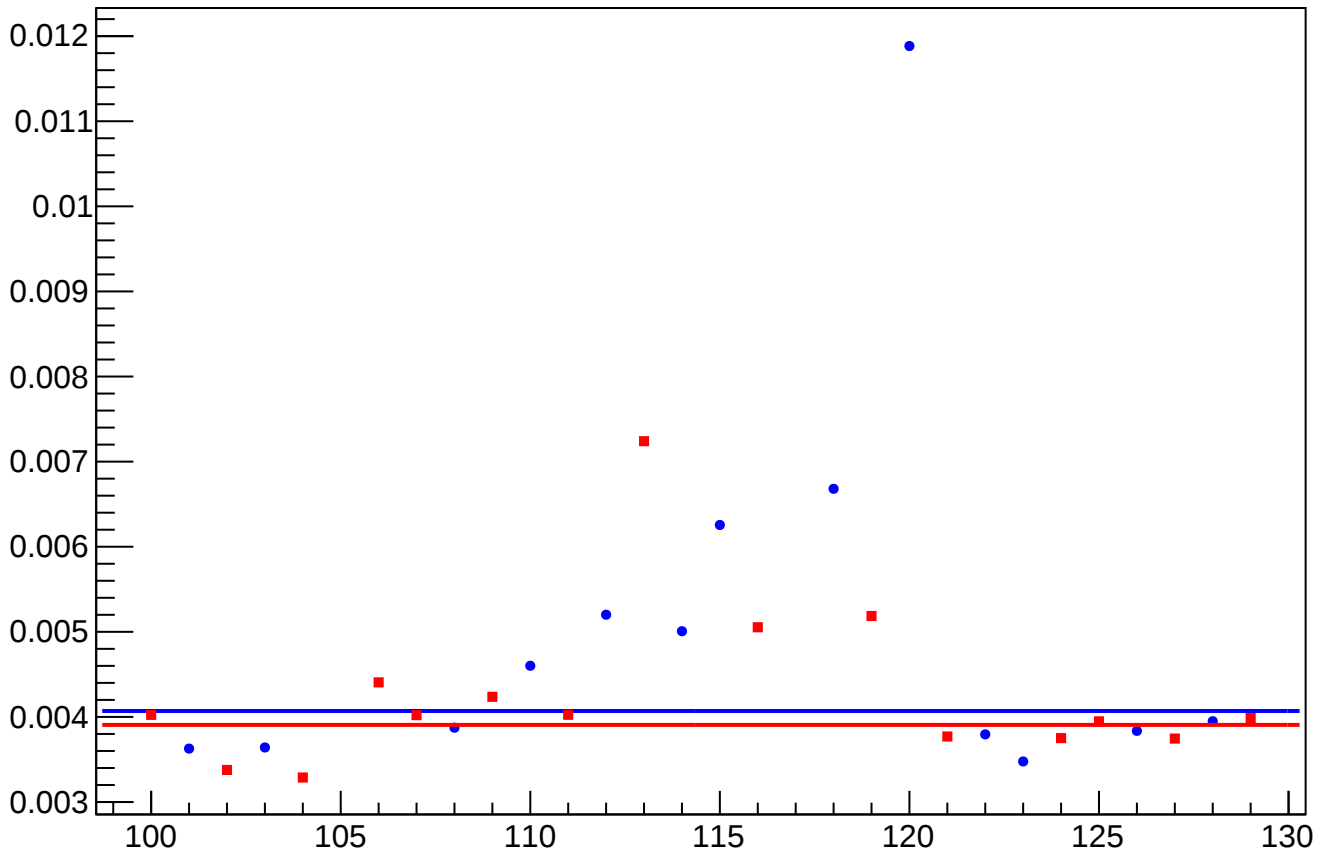
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.295+/-0.000 χ^2/NDF : 12688329185.8/27

yield_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 432238.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 237138.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

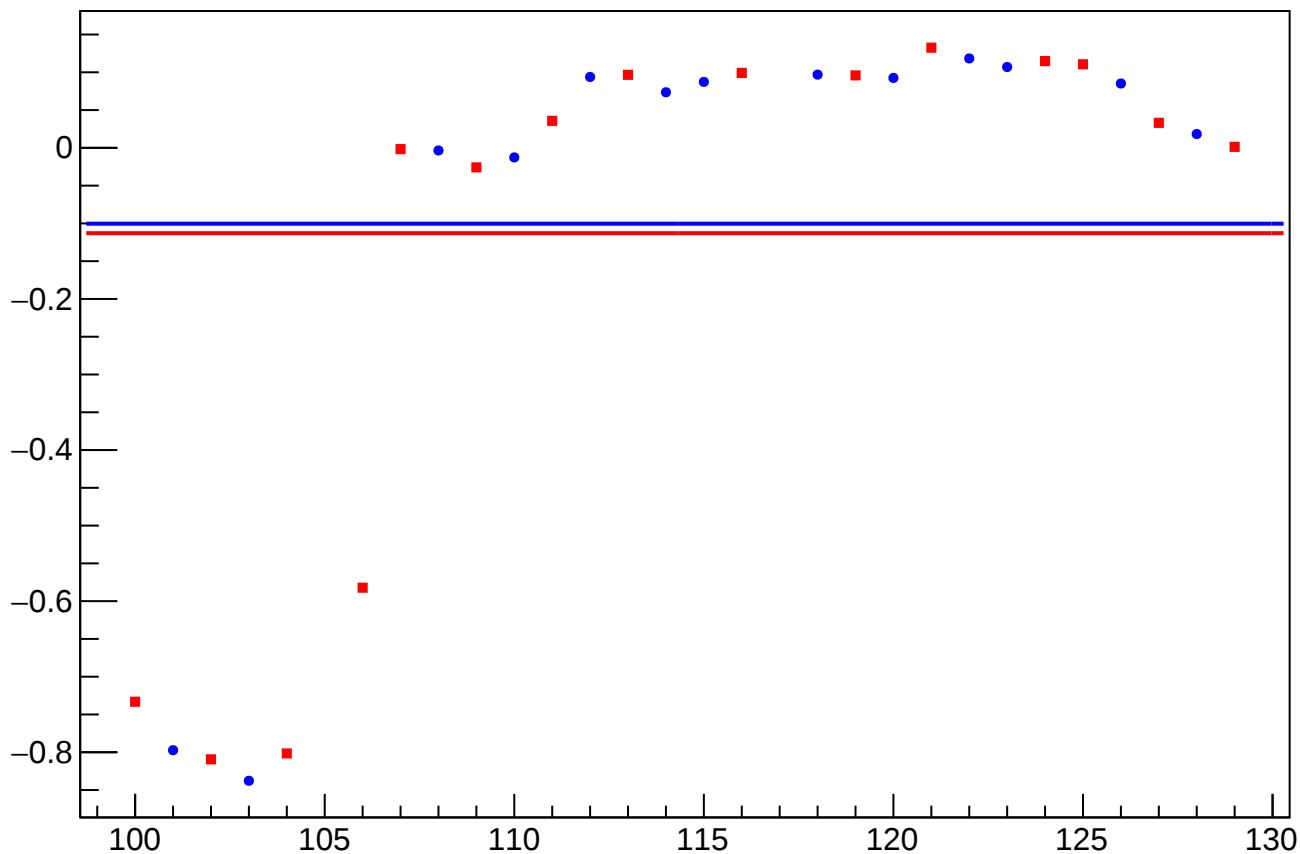
Right: 0.004+/-0.000 χ^2/NDF : 676416.5/27

In: 0.004+/-0.000 χ^2/NDF :432238.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 676416.5/27

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.100+/-0.000 χ^2/NDF : 4932230358.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.113+/-0.000 χ^2/NDF : 5512958702.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

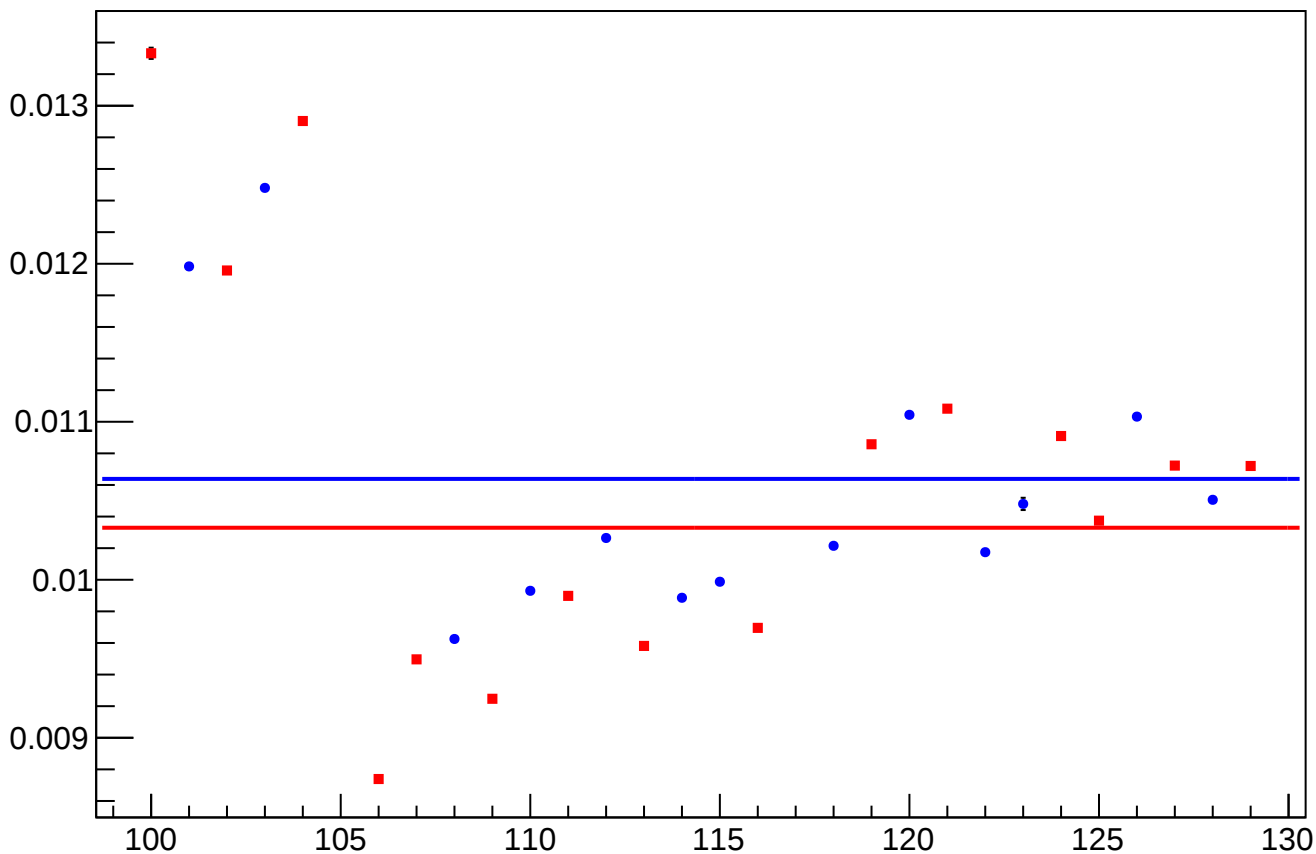
Right: -0.107+/-0.000 χ^2/NDF : 10448835135.6/27

In: -0.100+/-0.000 χ^2/NDF :4932230358.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.107+/-0.000 χ^2/NDF : 10448835135.6/27

yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 60362.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 124263.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

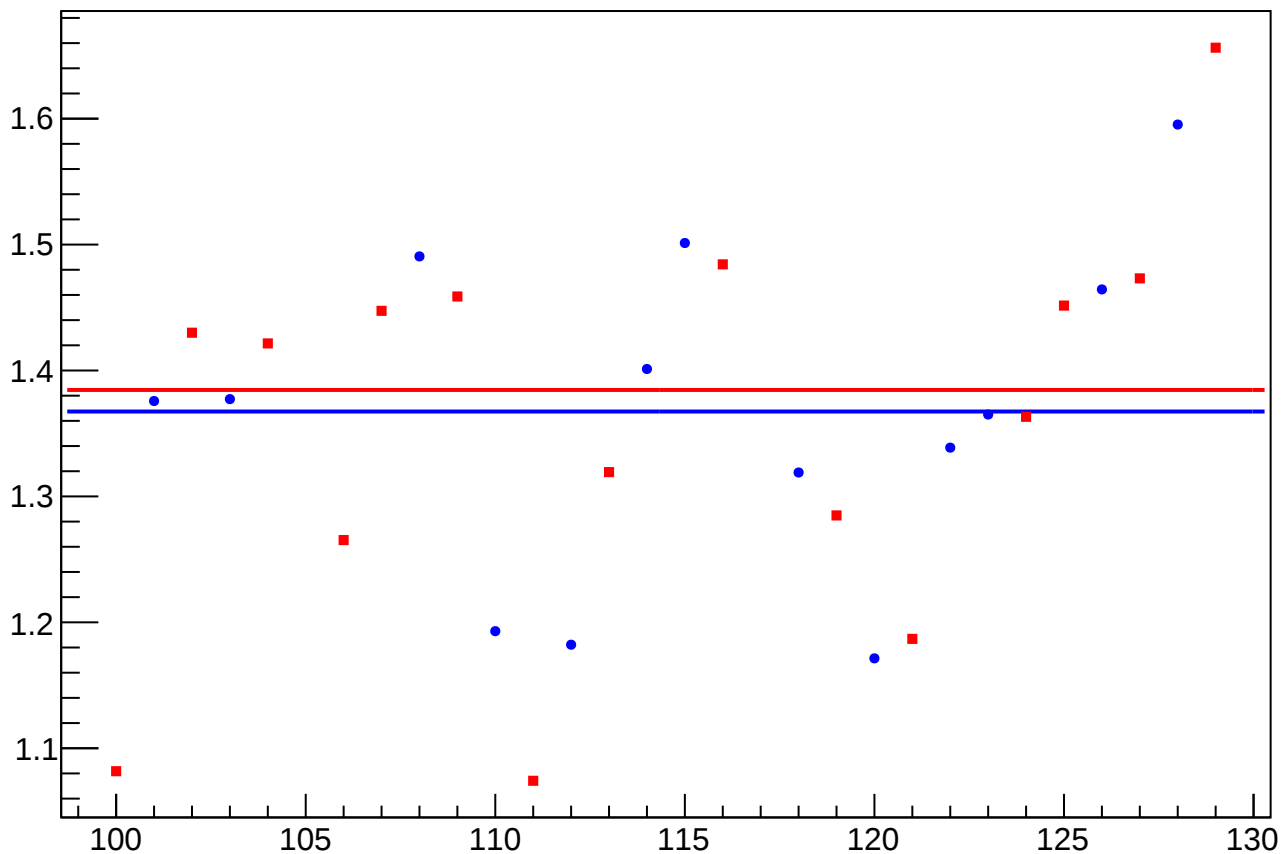
Right: 0.010+/-0.000 χ^2/NDF : 189041.6/27

In: 0.011+/-0.000 χ^2/NDF : 60362.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 189041.6/27

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.367+/-0.000 χ^2/NDF : 1294883152.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.385+/-0.000 χ^2/NDF : 1971846931.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

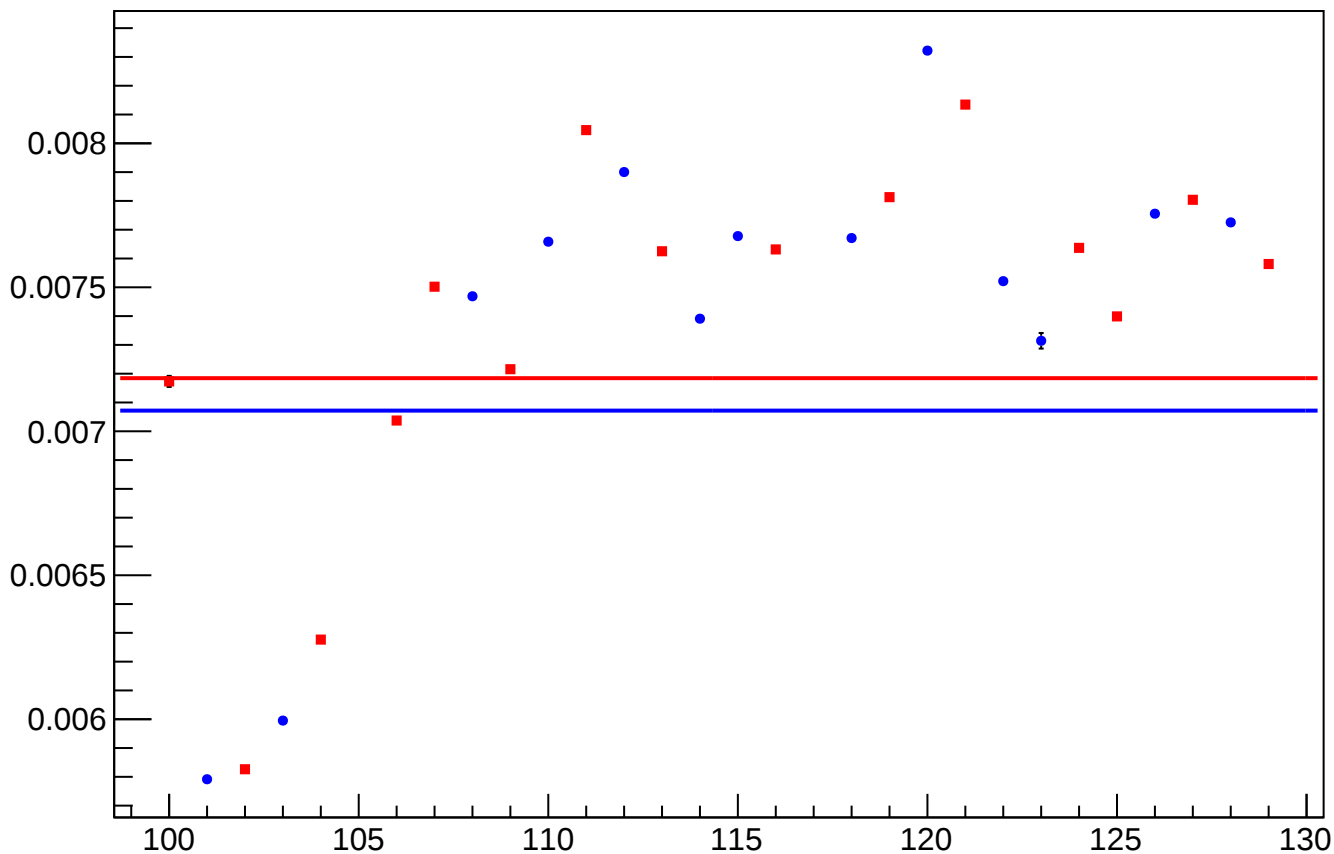
Right: 1.377+/-0.000 χ^2/NDF : 3281374787.6/27

In: 1.367+/-0.000 χ^2/NDF : 1294883152.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.377+/-0.000 χ^2/NDF : 3281374787.6/27

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 148379.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 121450.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

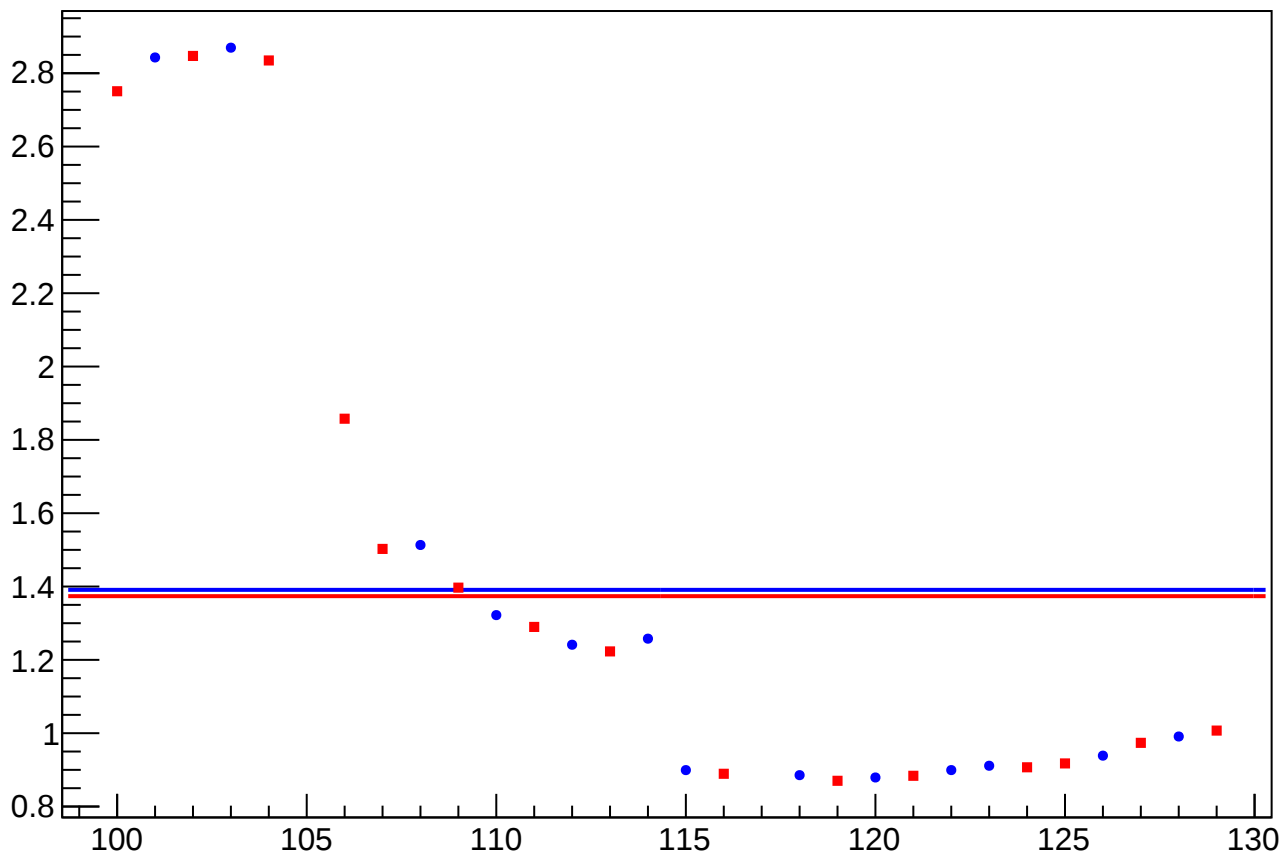
Right: 0.007+/-0.000 χ^2/NDF : 271096.3/27

In: 0.007+/-0.000 χ^2/NDF :148379.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 271096.3/27

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 1.391+/-0.000 χ^2/NDF : 49072054356.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.374+/-0.000 χ^2/NDF : 46996168979.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

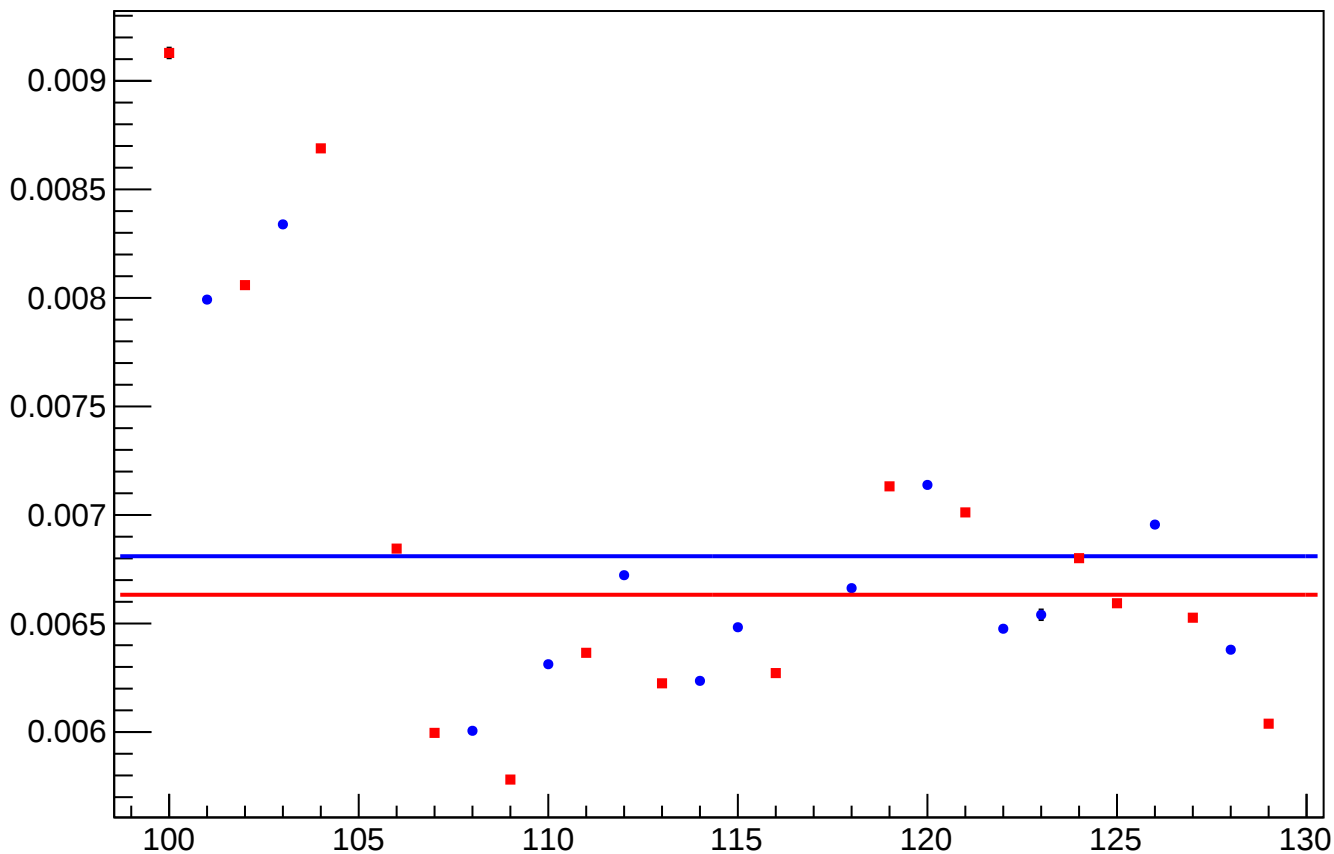
Right: 1.381+/-0.000 χ^2/NDF : 96084801118.4/27

In: 1.391+/-0.000 χ^2/NDF : 49072054356.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.381+/-0.000 χ^2/NDF : 96084801118.4/27

yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 93178.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 153289.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

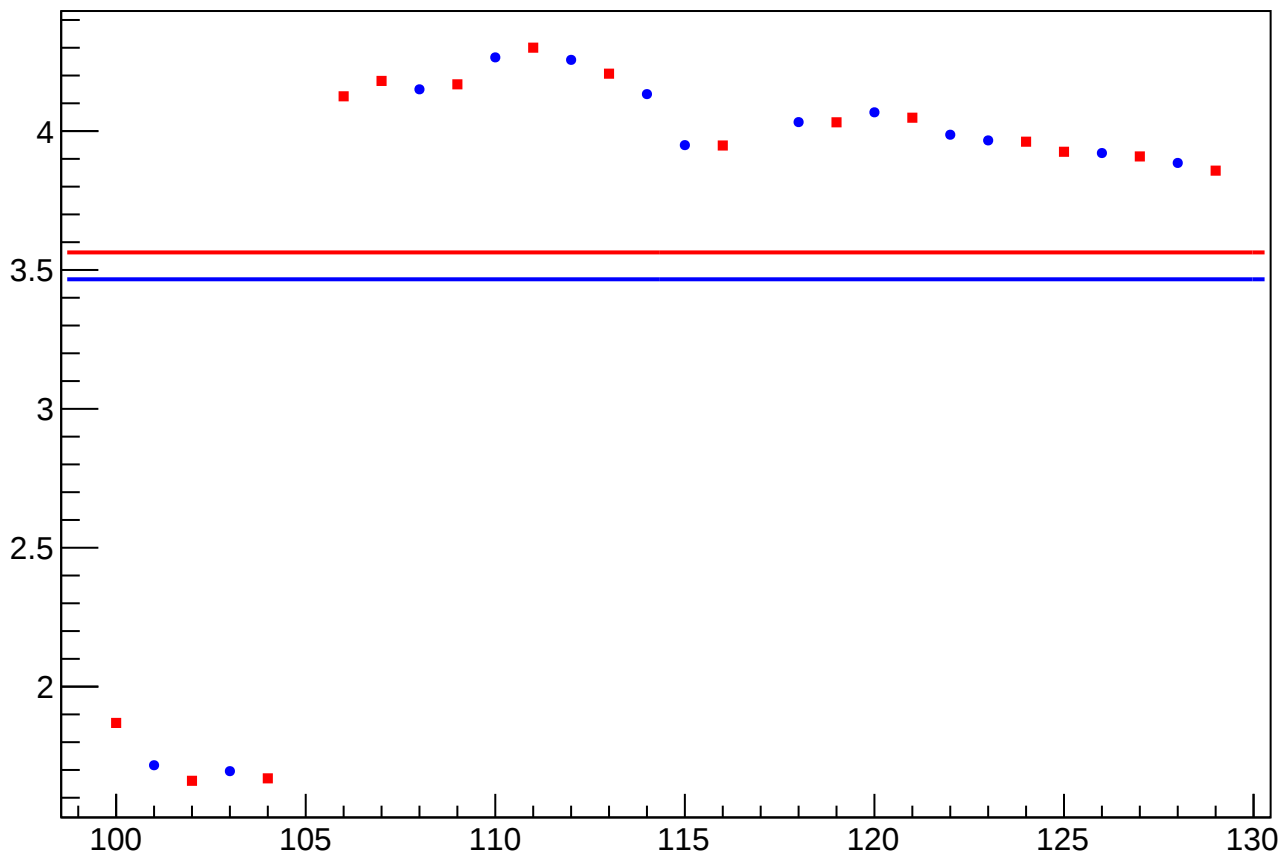
Right: 0.007+/-0.000 χ^2/NDF : 249999.7/27

In: 0.007+/-0.000 χ^2/NDF : 93178.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 249999.7/27

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 3.466+/-0.000 χ^2/NDF : 173659802255.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.563+/-0.000 χ^2/NDF : 182797757692.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

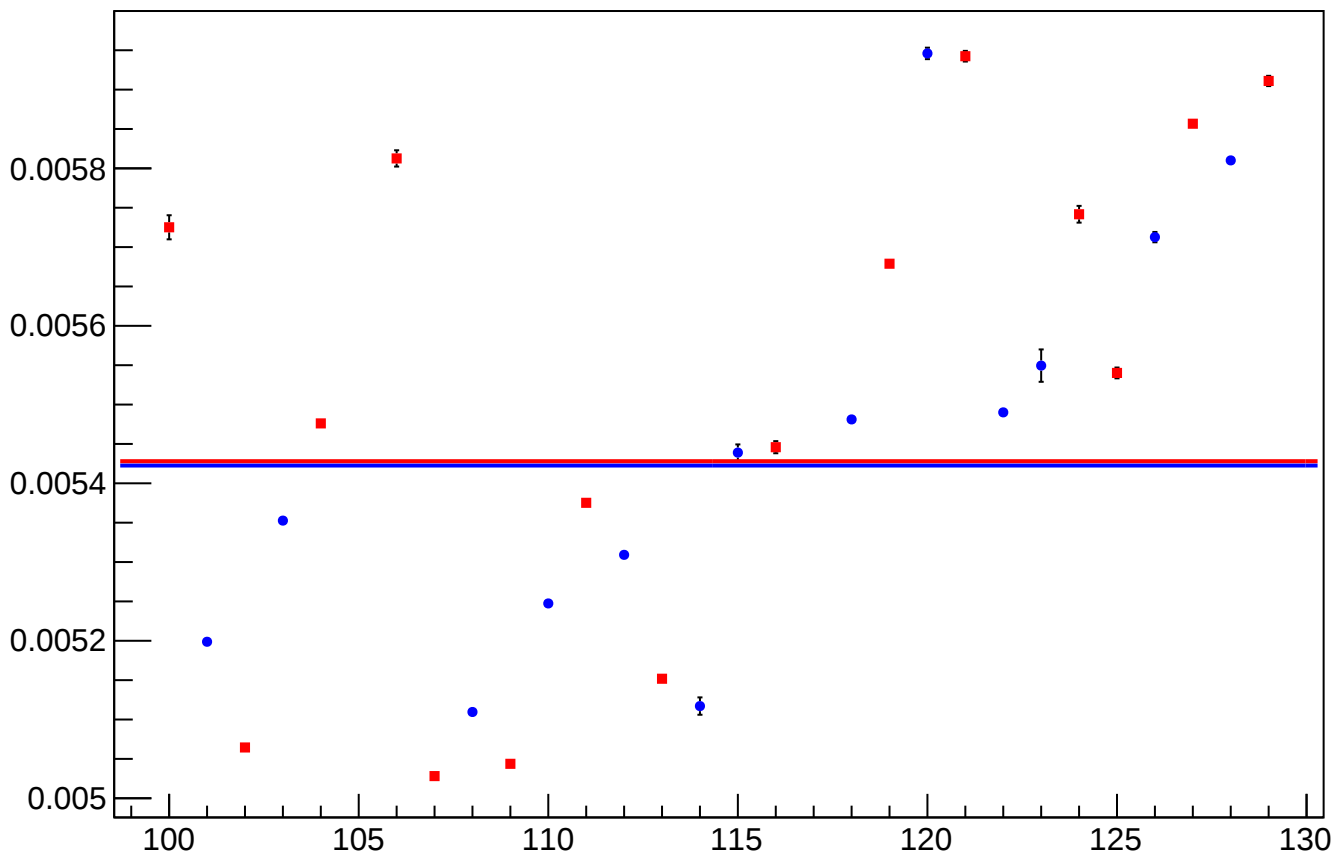
Right: 3.518+/-0.000 χ^2/NDF : 357264099334.8/27

In: 3.466+/-0.000 χ^2/NDF : 173659802255.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.518+/-0.000 χ^2/NDF : 357264099334.8

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 18994.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 39688.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

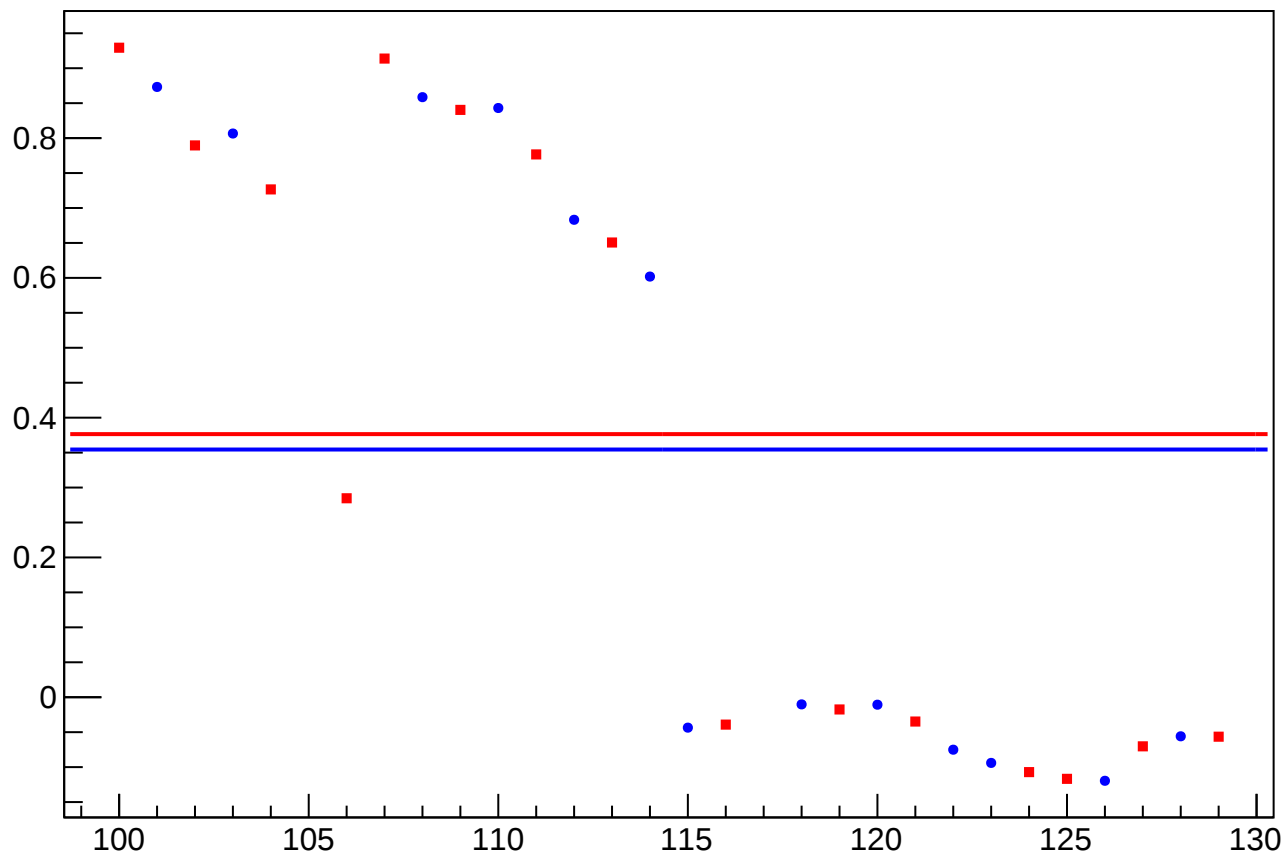
Right: 0.005+/-0.000 χ^2/NDF : 58688.1/27

In: 0.005+/-0.000 χ^2/NDF :18994.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 58688.1/27

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.354+/-0.000 χ^2/NDF : 4463140417.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.376+/-0.000 χ^2/NDF : 4891894542.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

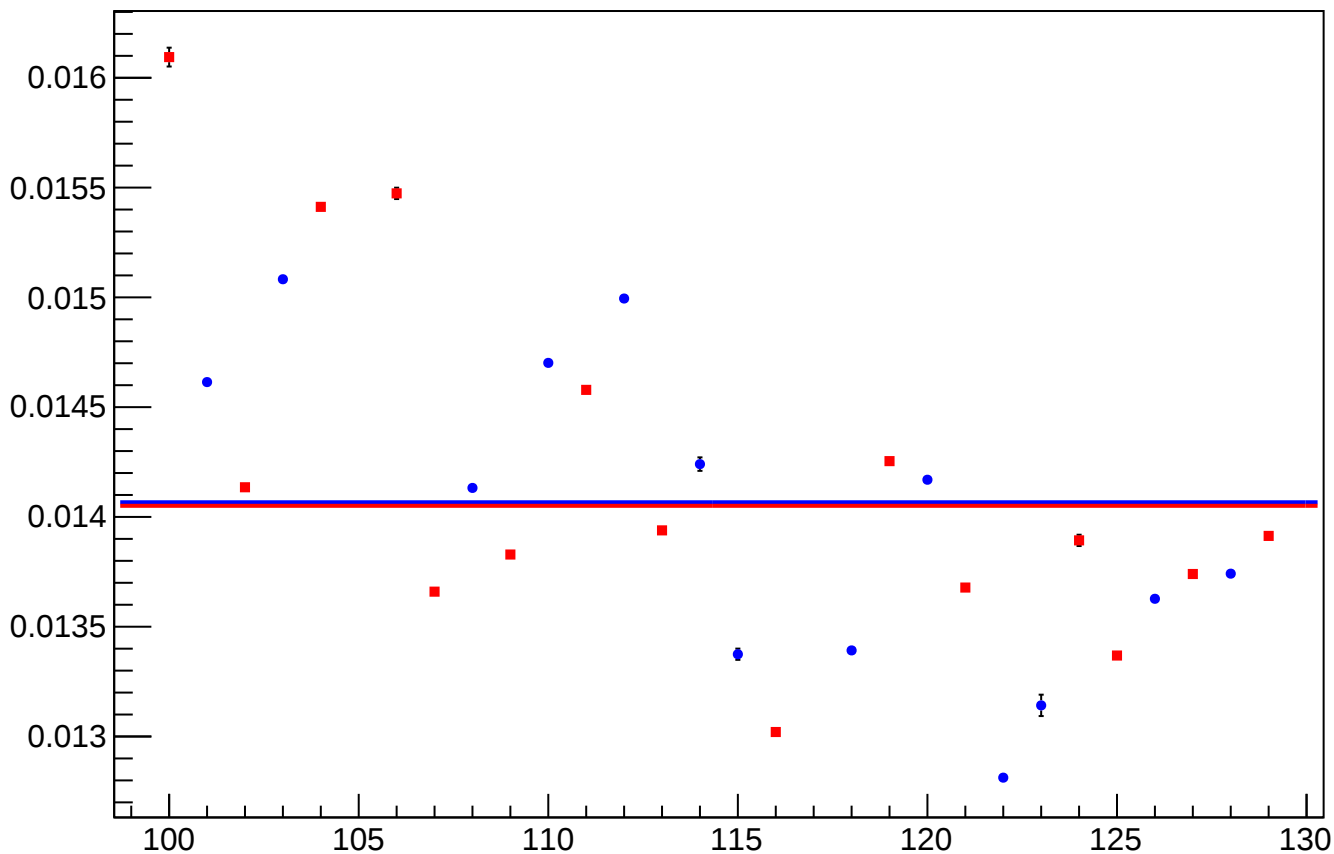
Right: 0.366+/-0.000 χ^2/NDF : 9361264291.2/27

In: 0.354+/-0.000 χ^2/NDF :4463140417.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.366+/-0.000 χ^2/NDF : 9361264291.2/27

yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 24405.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 21141.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

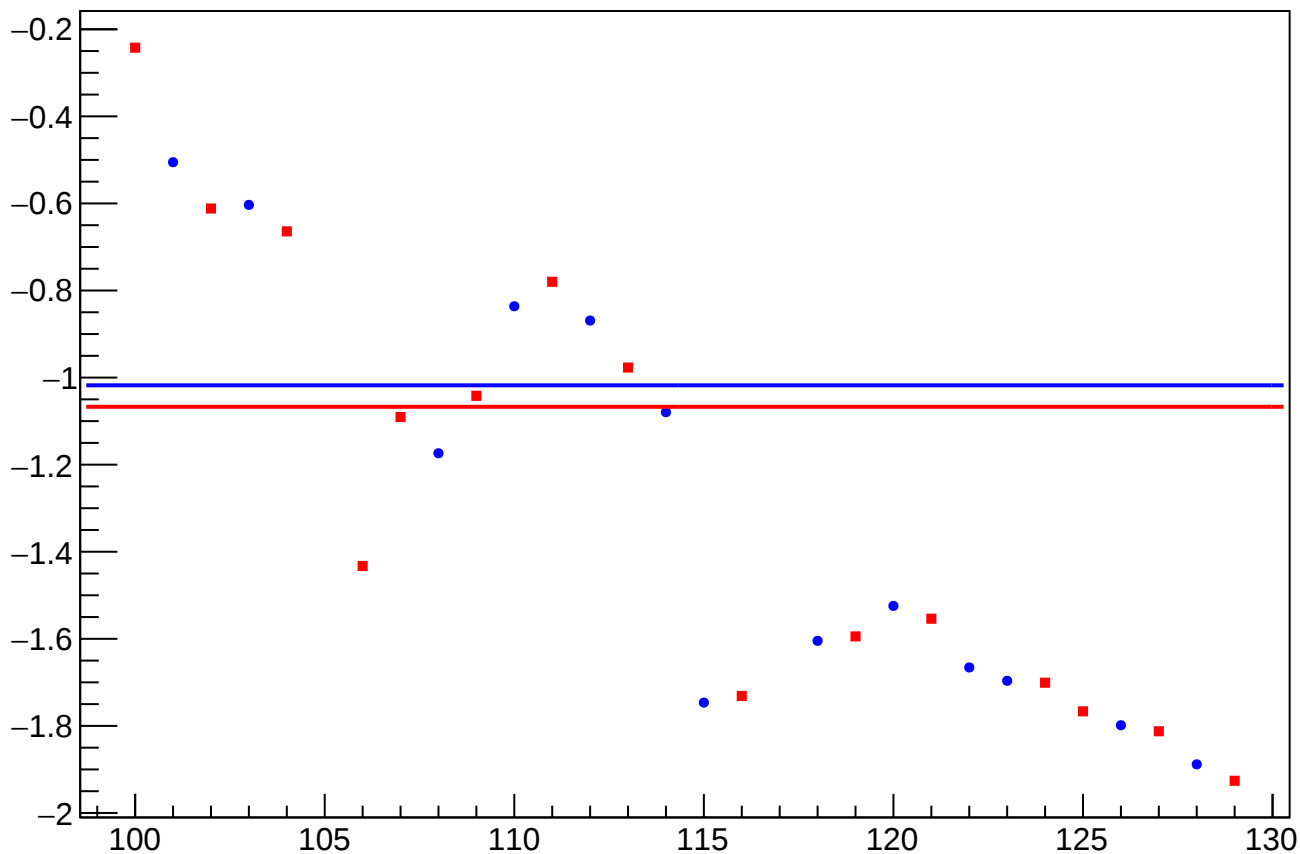
Right: 0.014+/-0.000 χ^2/NDF : 45553.3/27

In: 0.014+/-0.000 χ^2/NDF : 24405.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 45553.3/27

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -1.018+/-0.000 χ^2/NDF : 40137439831.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.067+/-0.000 χ^2/NDF : 40270352937.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

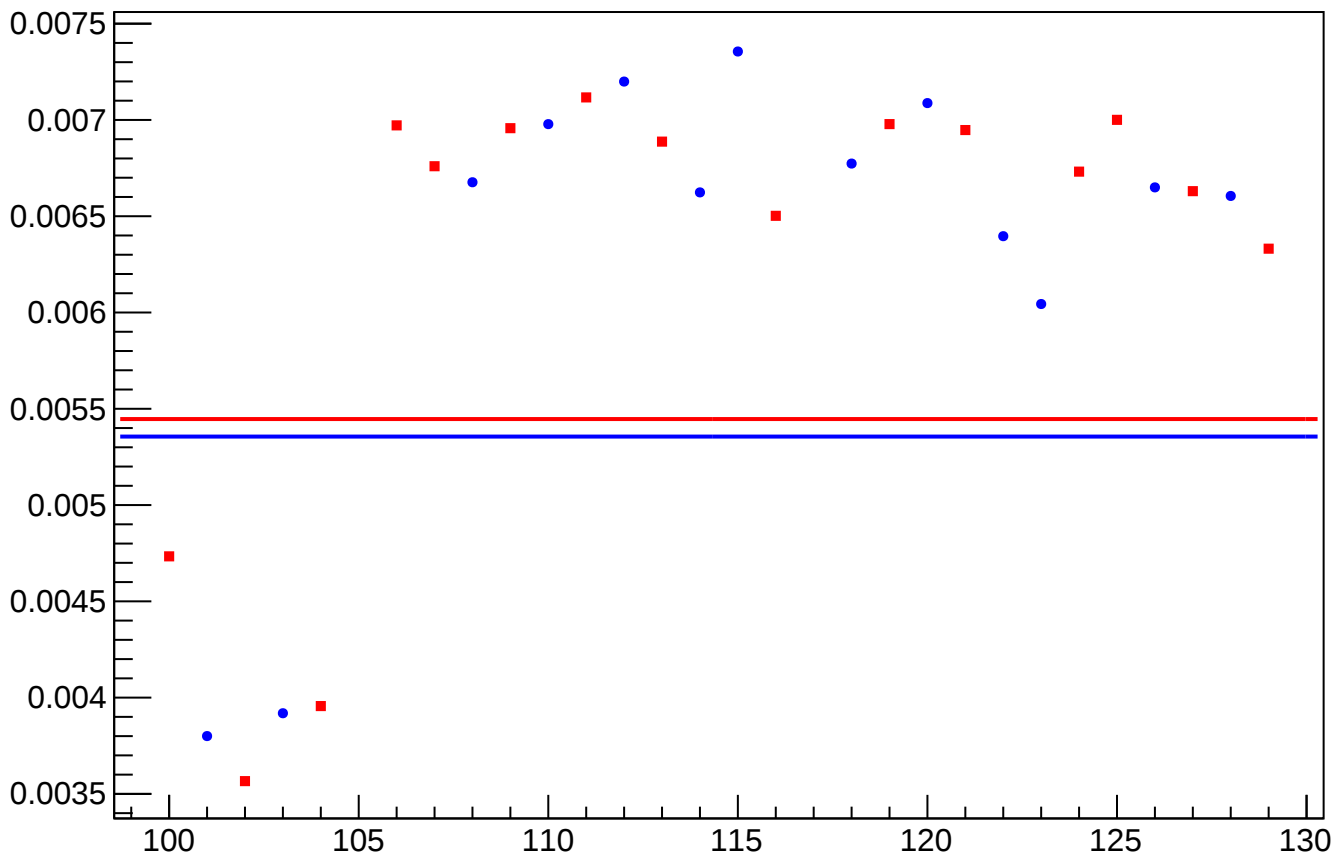
Right: -1.044+/-0.000 χ^2/NDF : 80593288335.4/27

In: -1.018+/-0.000 χ^2/NDF :40137439831.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.044+/-0.000 χ^2/NDF : 80593288335.4/27

yield_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 626500.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 761371.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

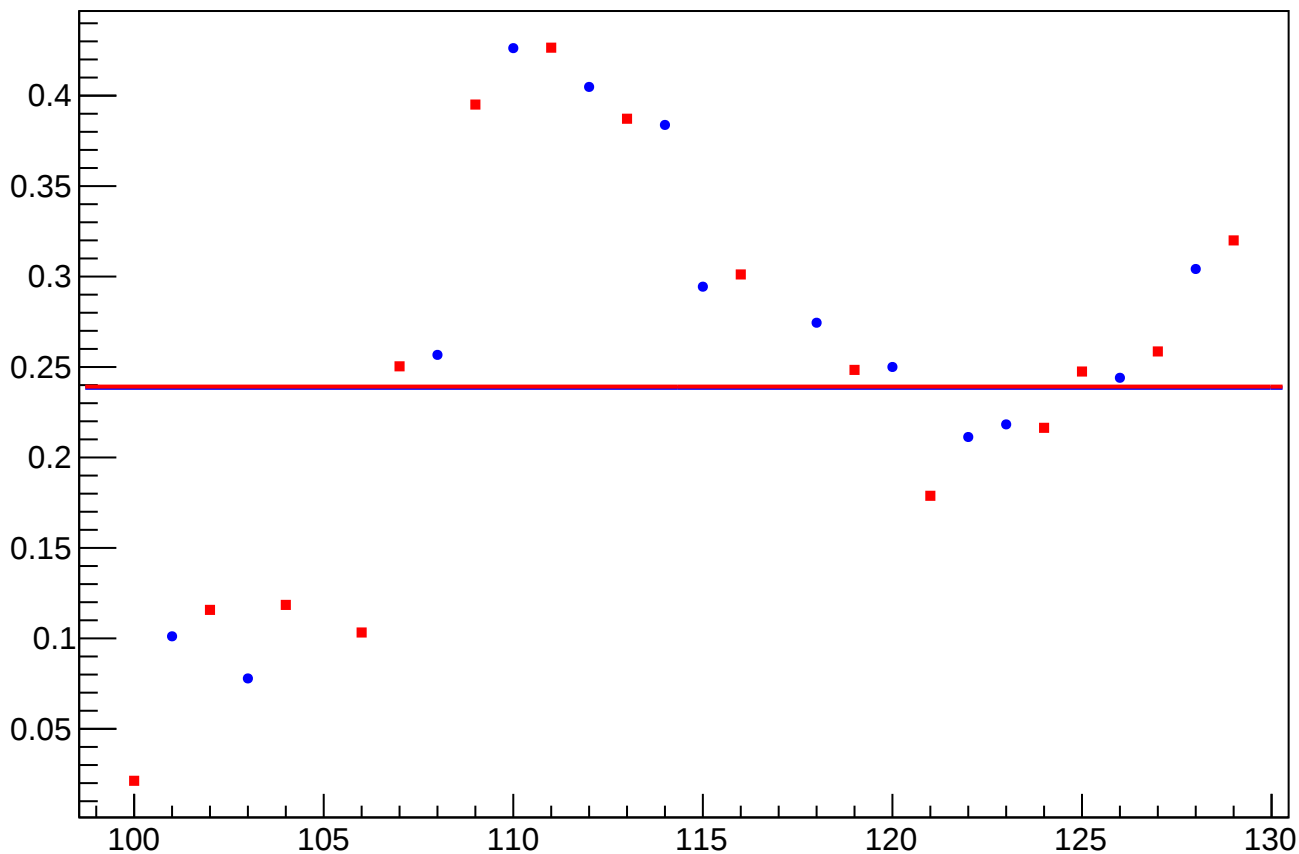
Right: 0.005+/-0.000 χ^2/NDF : 1389136.4/27

In: 0.005+/-0.000 χ^2/NDF : 626500.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1389136.4/27

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.238+/-0.000

χ^2/NDF : 18874223576.6/12

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.239+/-0.000 χ^2/NDF : 43682748005.5/27

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.238+/-0.000 χ^2/NDF : 18874223576.6/12

Right Out: 0.239+/-0.000

χ^2/NDF : 24808078822.8/14

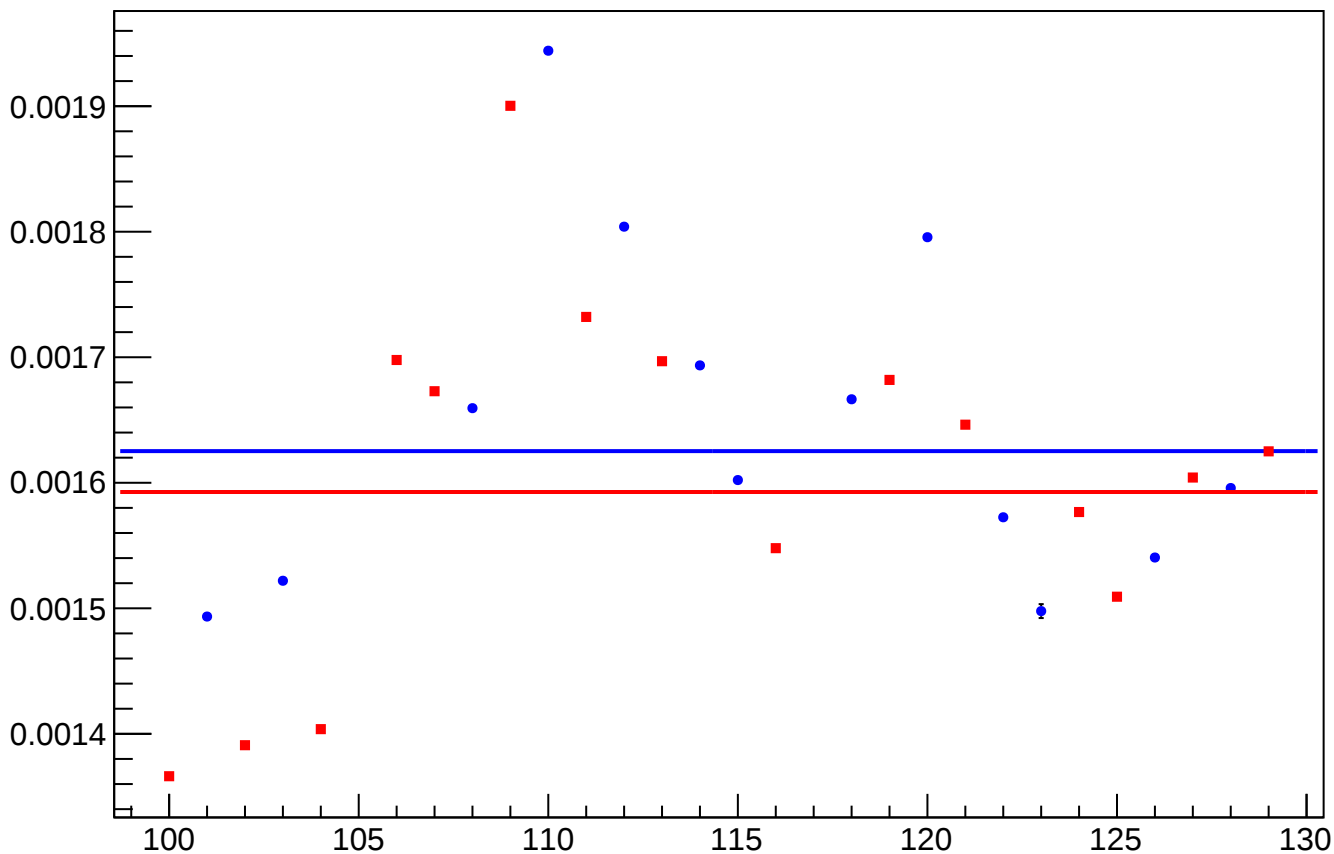
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.239+/-0.000 χ^2/NDF : 43682748005.5/27

yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 49570.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 88029.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

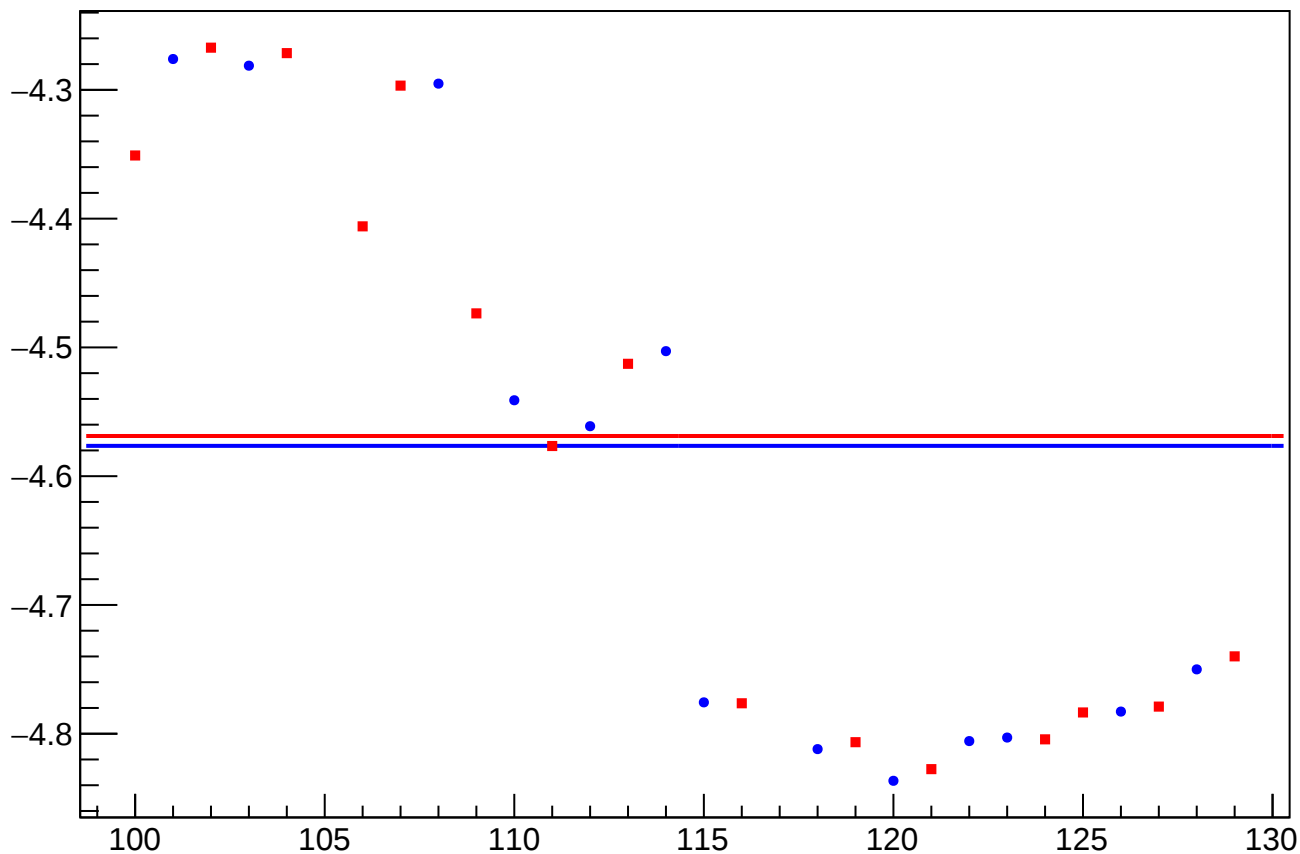
Right: 0.002+/-0.000 χ^2/NDF : 139613.9/27

In: 0.002+/-0.000 χ^2/NDF : 49570.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 139613.9/27

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.576+/-0.000 χ^2/NDF : 69270208395.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.569+/-0.000 χ^2/NDF : 69768318026.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

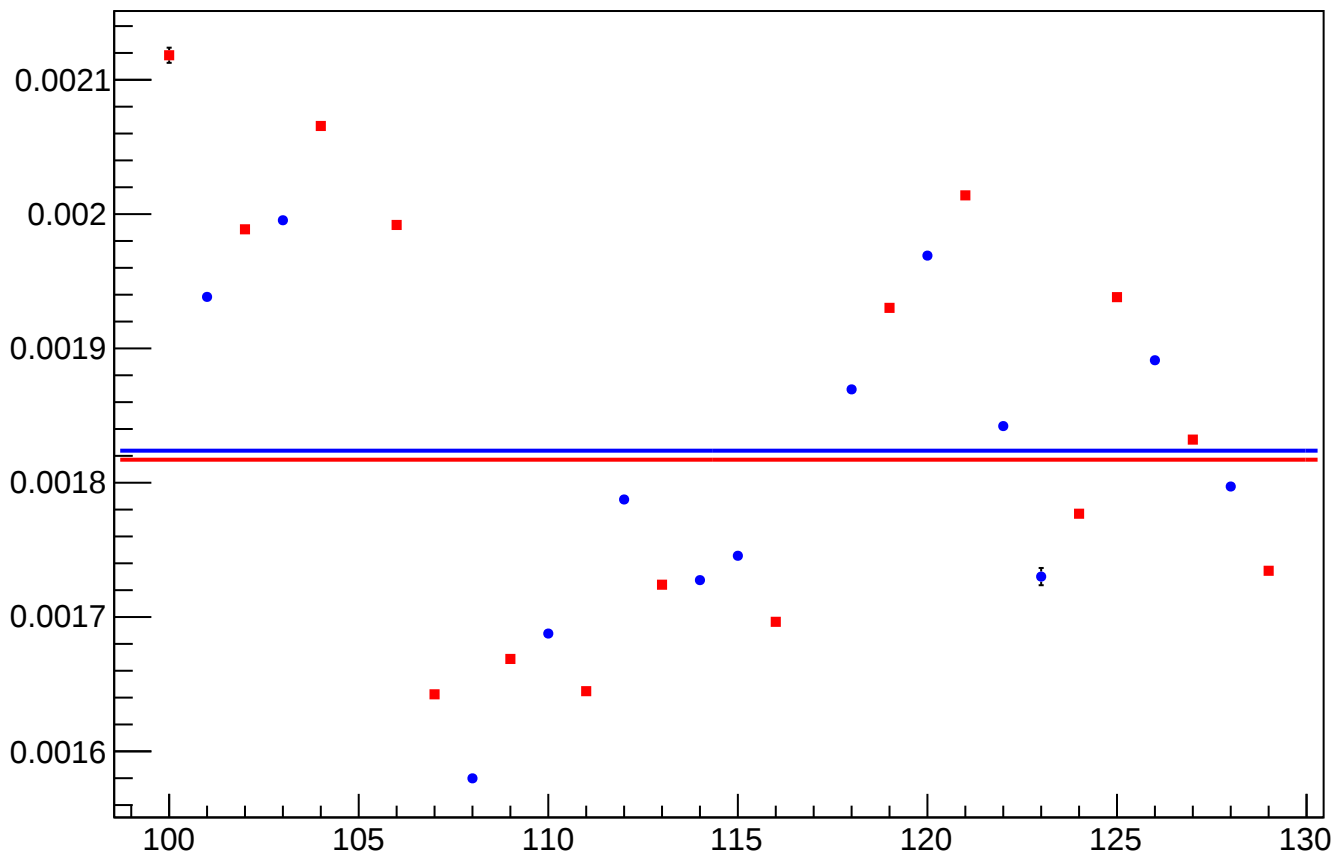
Right: -4.572+/-0.000 χ^2/NDF : 139082748216.1/27

In: -4.576+/-0.000 χ^2/NDF :69270208395.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.572+/-0.000 χ^2/NDF : 139082748216.1

yield_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 41640.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 74141.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

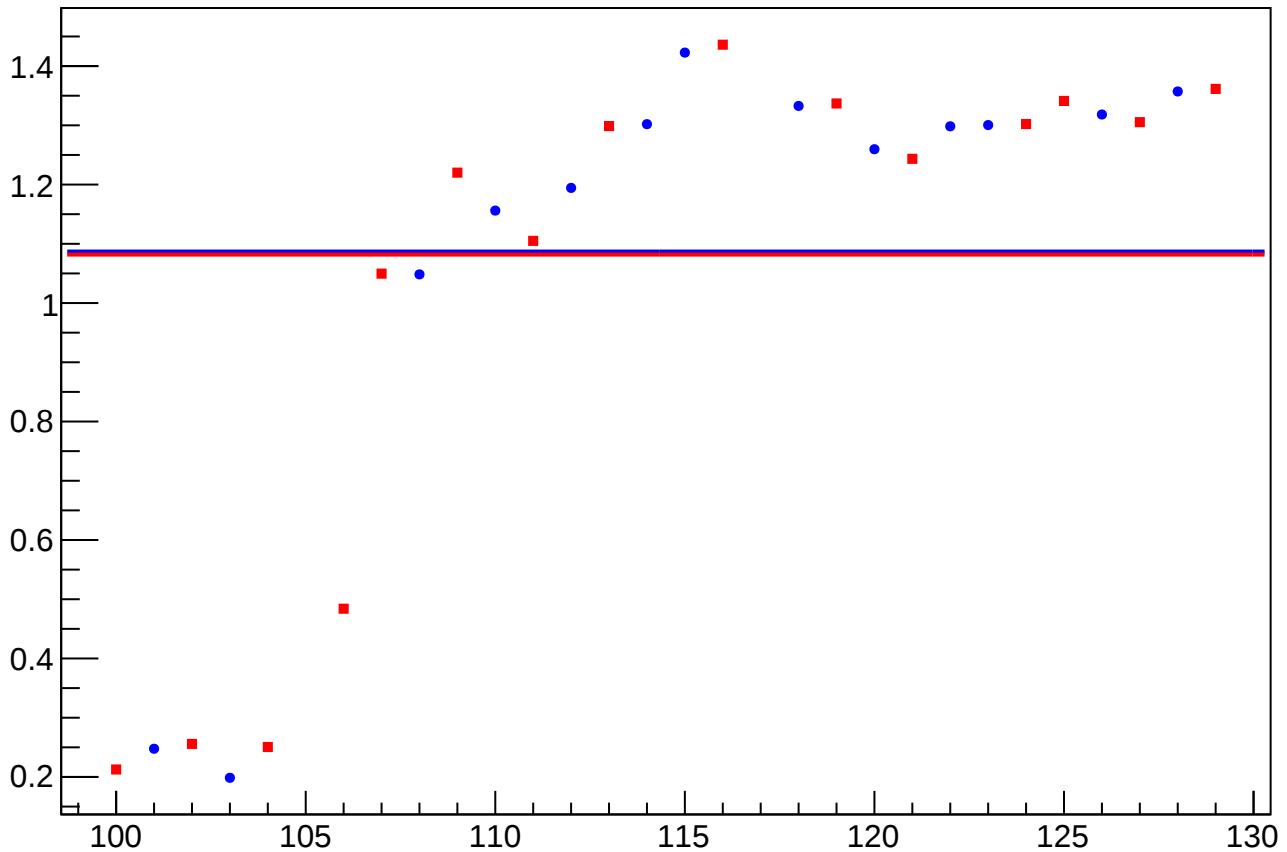
Right: 0.002+/-0.000 χ^2/NDF : 115850.2/27

In: 0.002+/-0.000 χ^2/NDF : 41640.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 115850.2/27

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 1.087+/-0.000 χ^2/NDF : 13802489551.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.082+/-0.000 χ^2/NDF : 16338958094.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

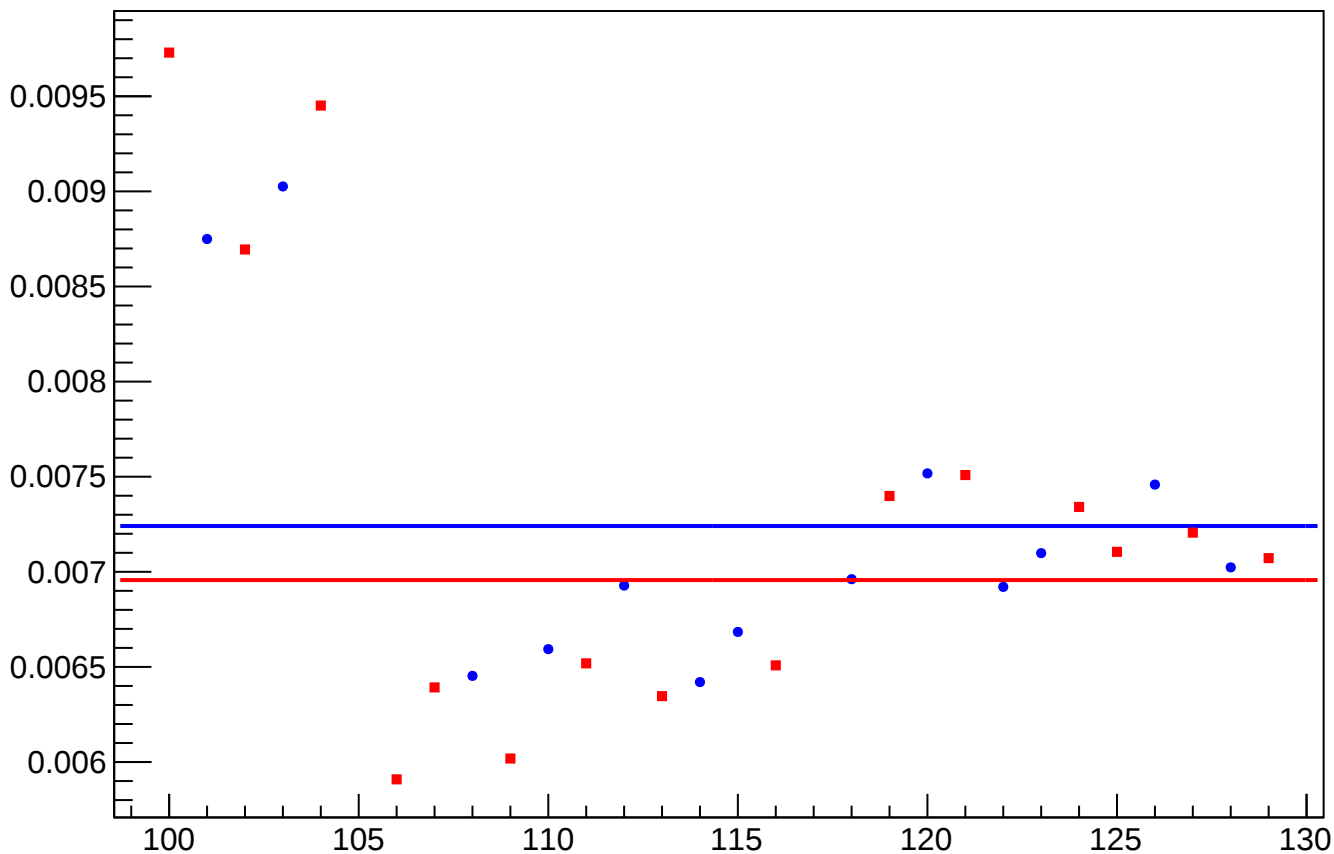
Right: 1.084+/-0.000 χ^2/NDF : 30142777440.4/27

In: 1.087+/-0.000 χ^2/NDF : 13802489551.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.084+/-0.000 χ^2/NDF : 30142777440.4/27

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 110179.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 197822.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

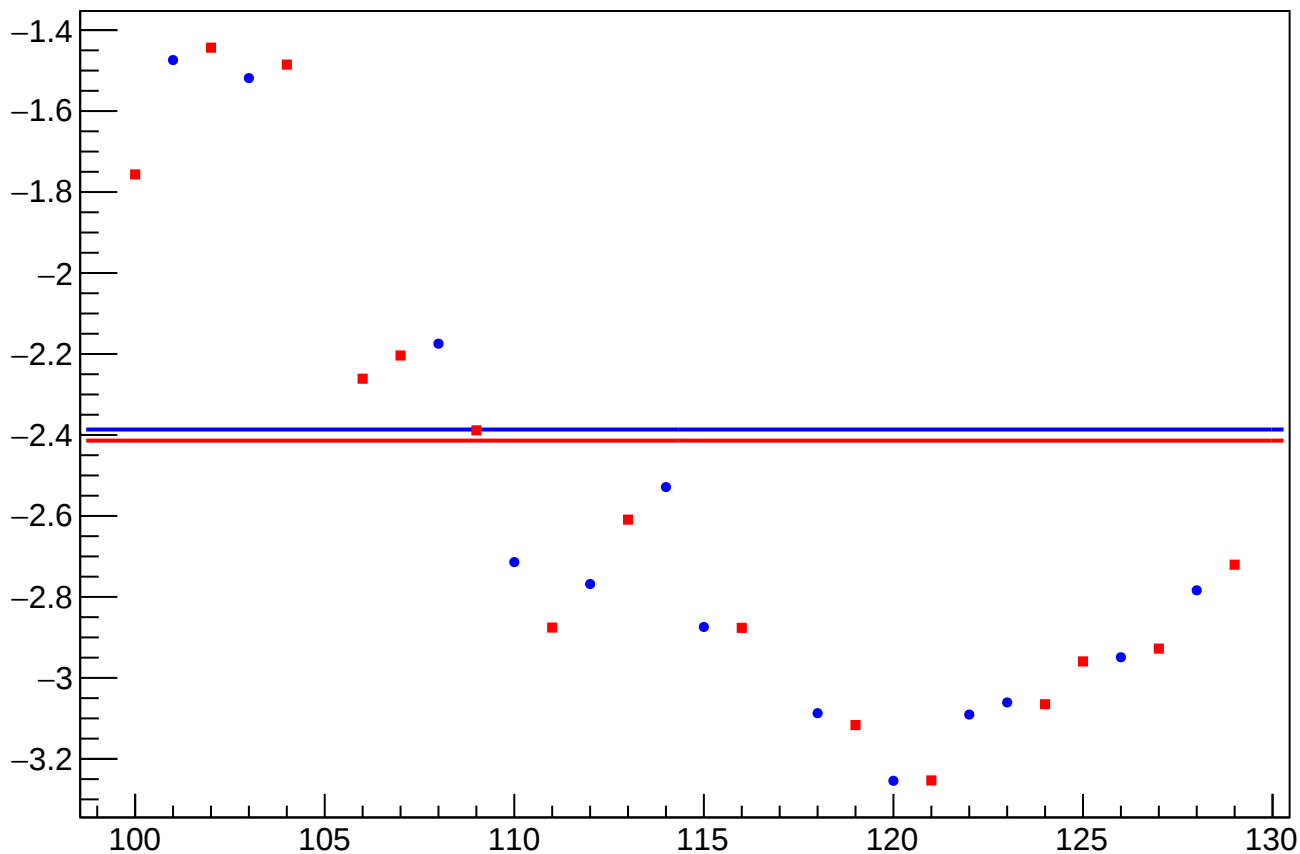
Right: 0.007+/-0.000 χ^2/NDF : 316085.5/27

In: 0.007+/-0.000 χ^2/NDF :110179.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 316085.5/27

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -2.387+/-0.000 χ^2/NDF : 49443770716.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.414+/-0.000 χ^2/NDF : 48369459990.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

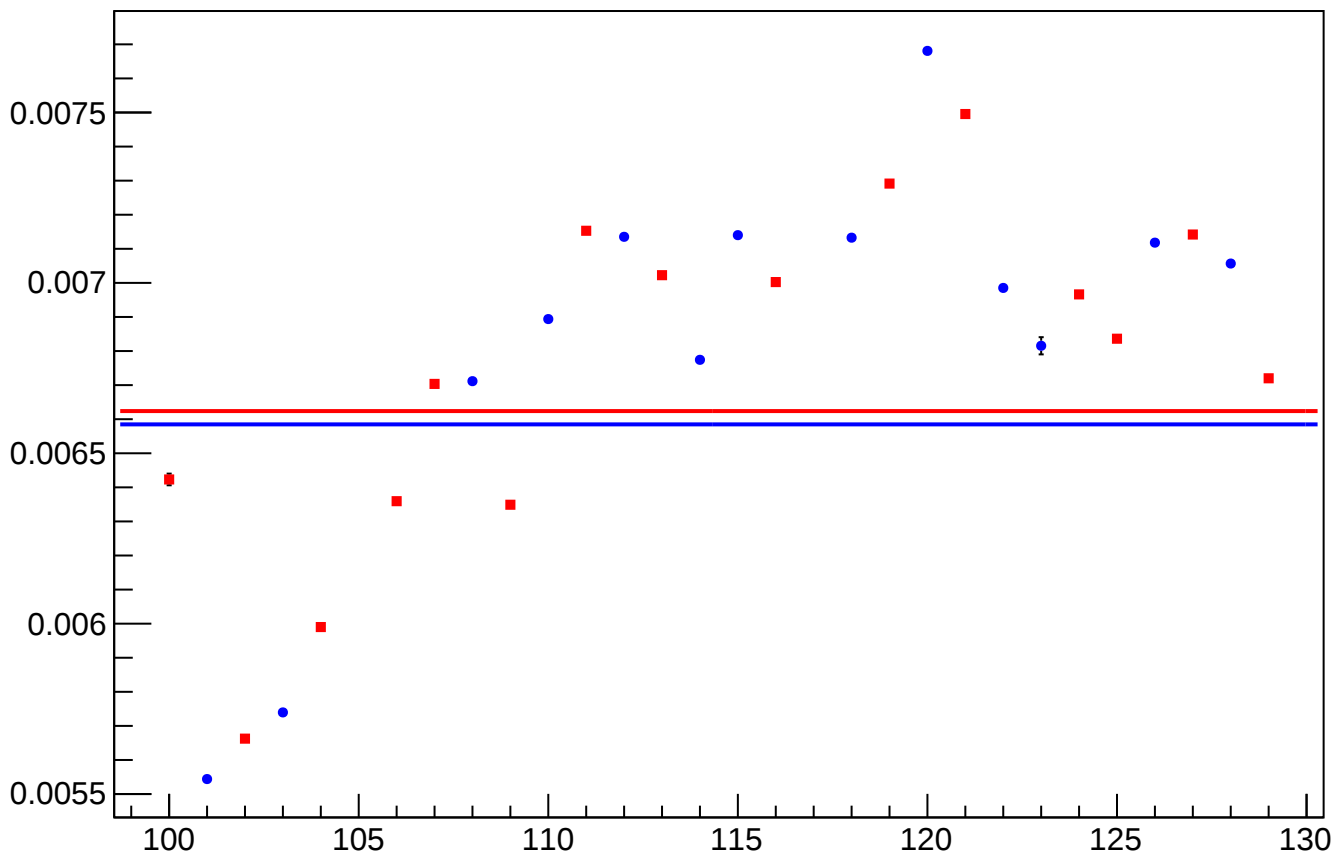
Right: -2.401+/-0.000 χ^2/NDF : 97857264327.8/27

In: -2.387+/-0.000 χ^2/NDF : 49443770716.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.401+/-0.000 χ^2/NDF : 97857264327.8/27

yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 105783.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 79781.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

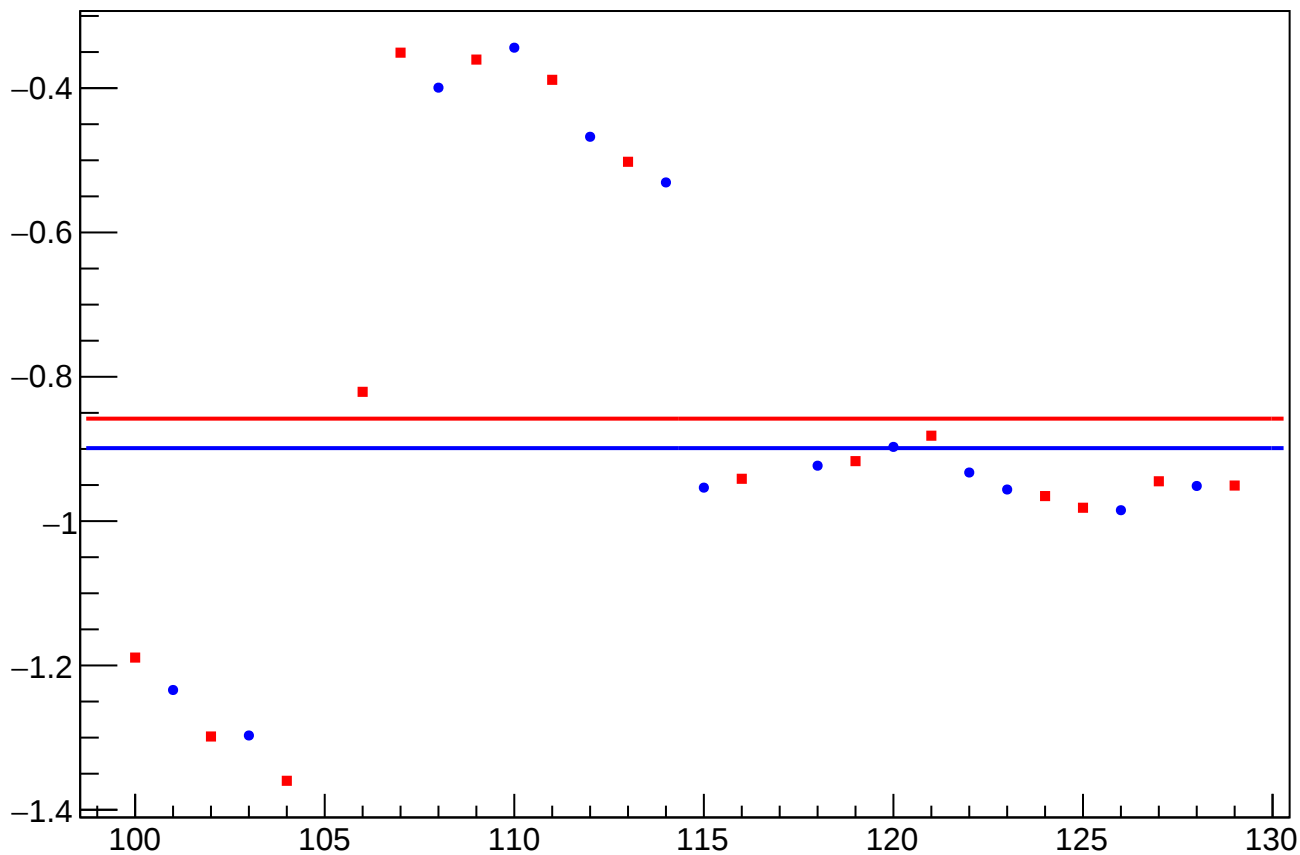
Right: 0.007+/-0.000 χ^2/NDF : 185743.4/27

In: 0.007+/-0.000 χ^2/NDF :105783.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 185743.4/27

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.899+/-0.000 χ^2/NDF : 3895426453.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.858+/-0.000 χ^2/NDF : 5646716814.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

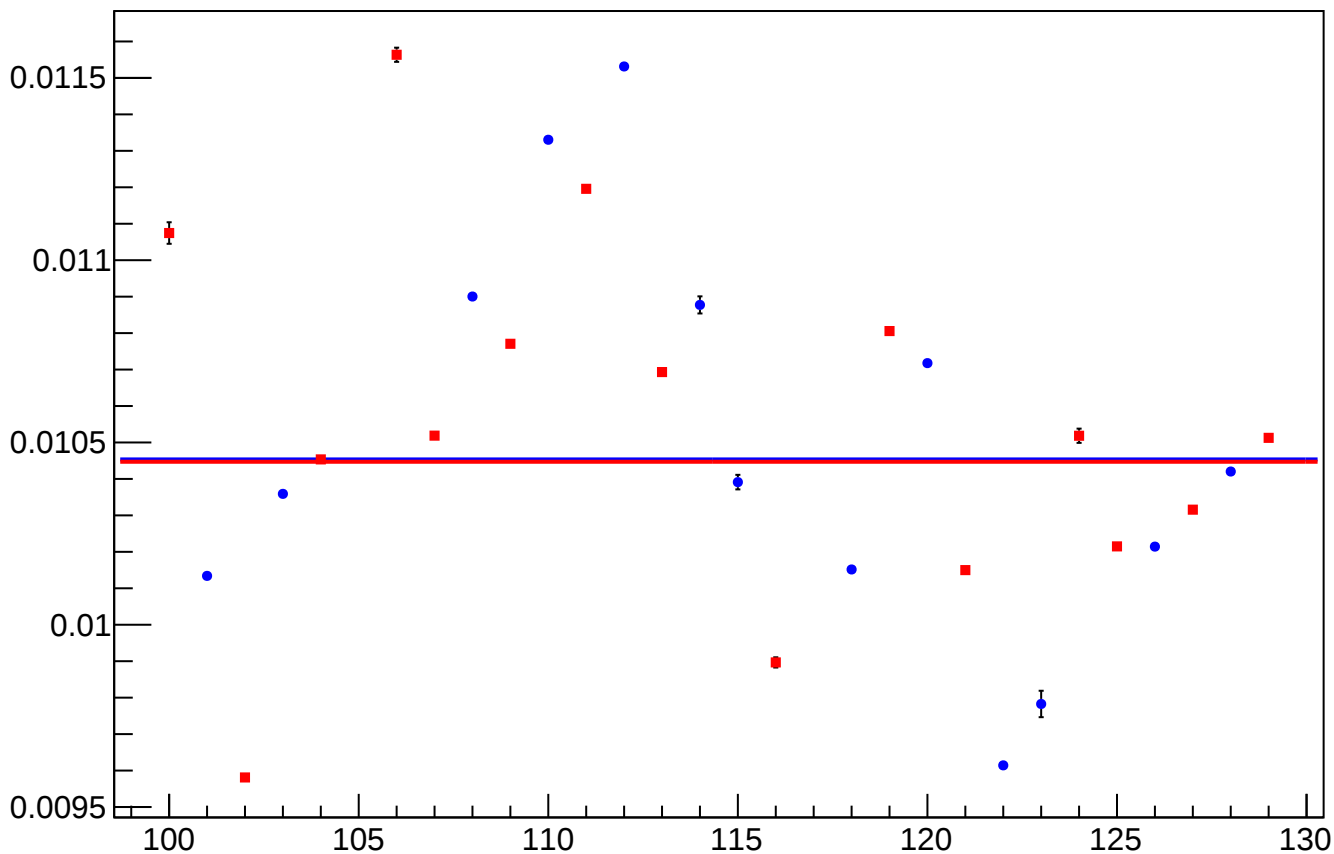
Right: -0.877+/-0.000 χ^2/NDF : 9580595818.3/27

In: -0.899+/-0.000 χ^2/NDF :3895426453.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.877+/-0.000 χ^2/NDF : 9580595818.3/27

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 23230.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 21695.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

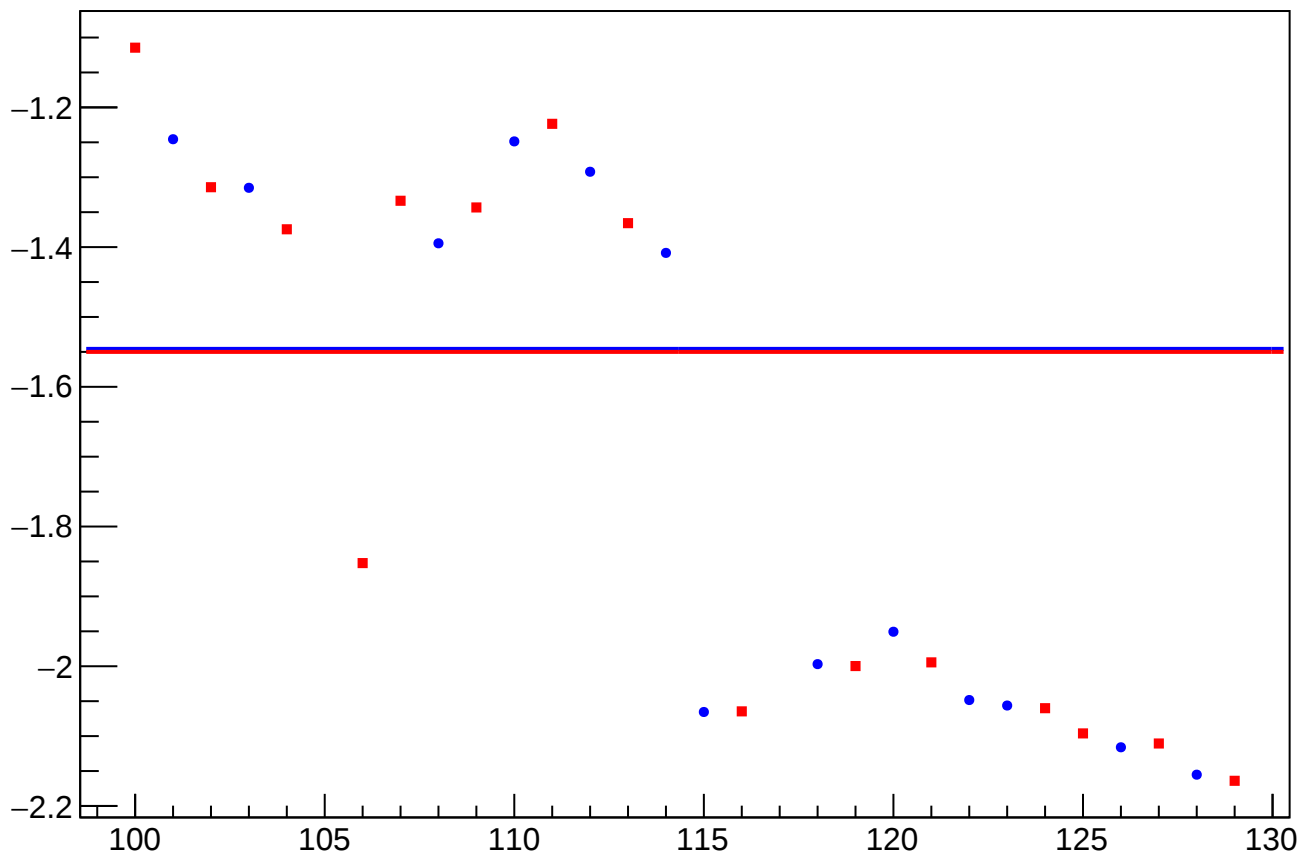
Right: 0.010+/-0.000 χ^2/NDF : 44928.3/27

In: 0.010+/-0.000 χ^2/NDF : 23230.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 44928.3/27

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.546+/-0.000 χ^2/NDF : 93190348886.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.550+/-0.000 χ^2/NDF : 99780414828.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

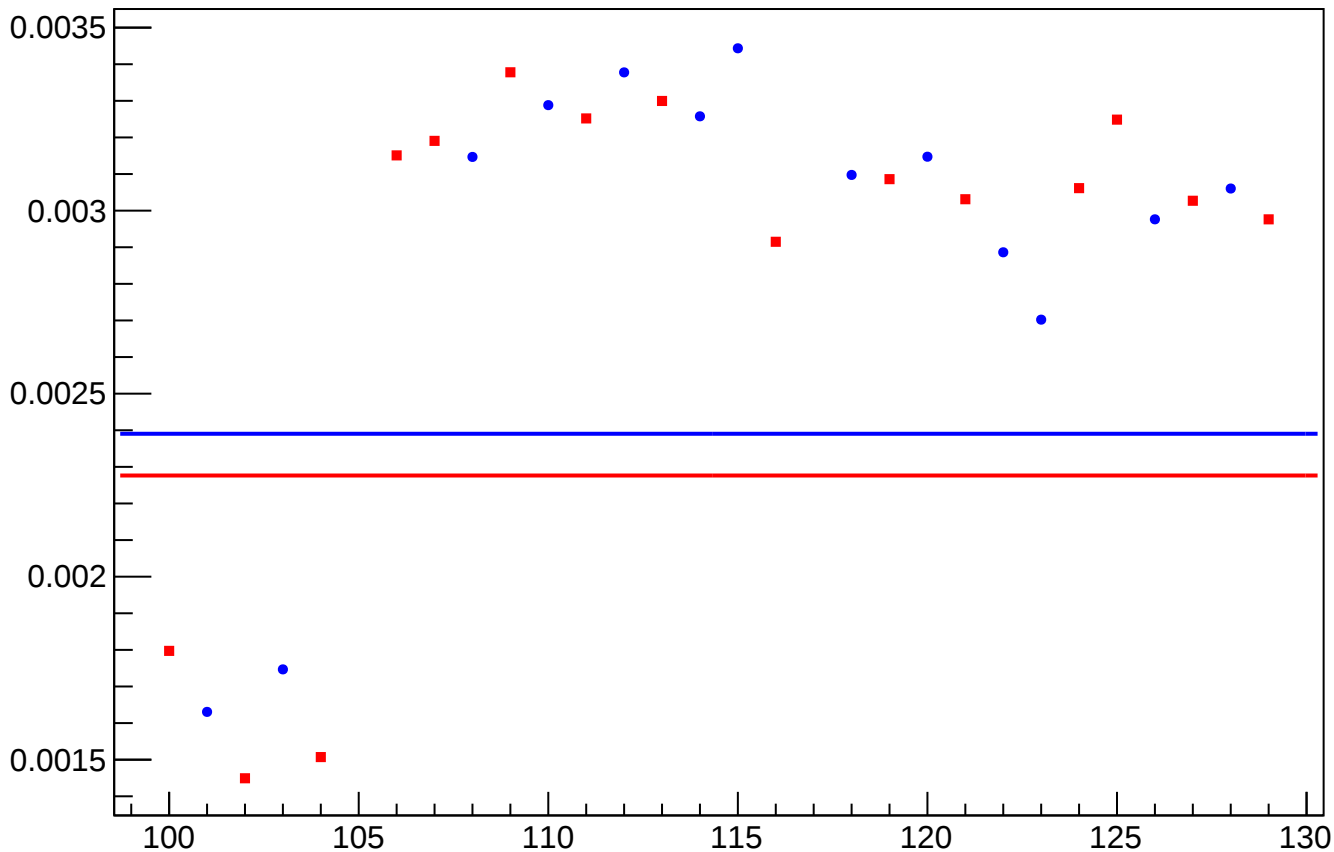
Right: -1.548+/-0.000 χ^2/NDF : 192977853014.6/27

In: -1.546+/-0.000 χ^2/NDF : 93190348886.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.548+/-0.000 χ^2/NDF : 192977853014.6

yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 726081.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1175307.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

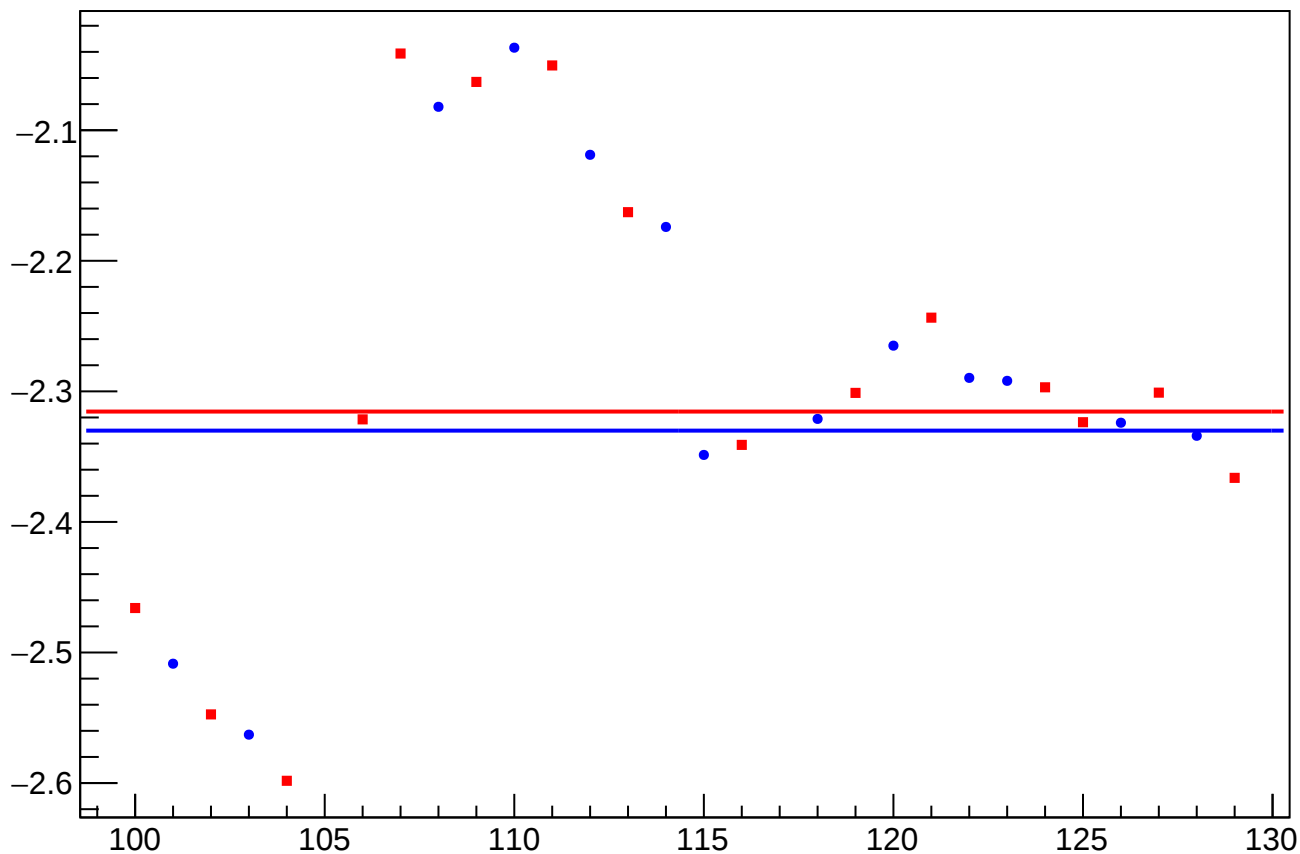
Right: 0.002+/-0.000 χ^2/NDF : 1911309.8/27

In: 0.002+/-0.000 χ^2/NDF : 726081.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1911309.8/27

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.330+/-0.000 χ^2/NDF : 2996135471.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.315+/-0.000 χ^2/NDF : 4423666906.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

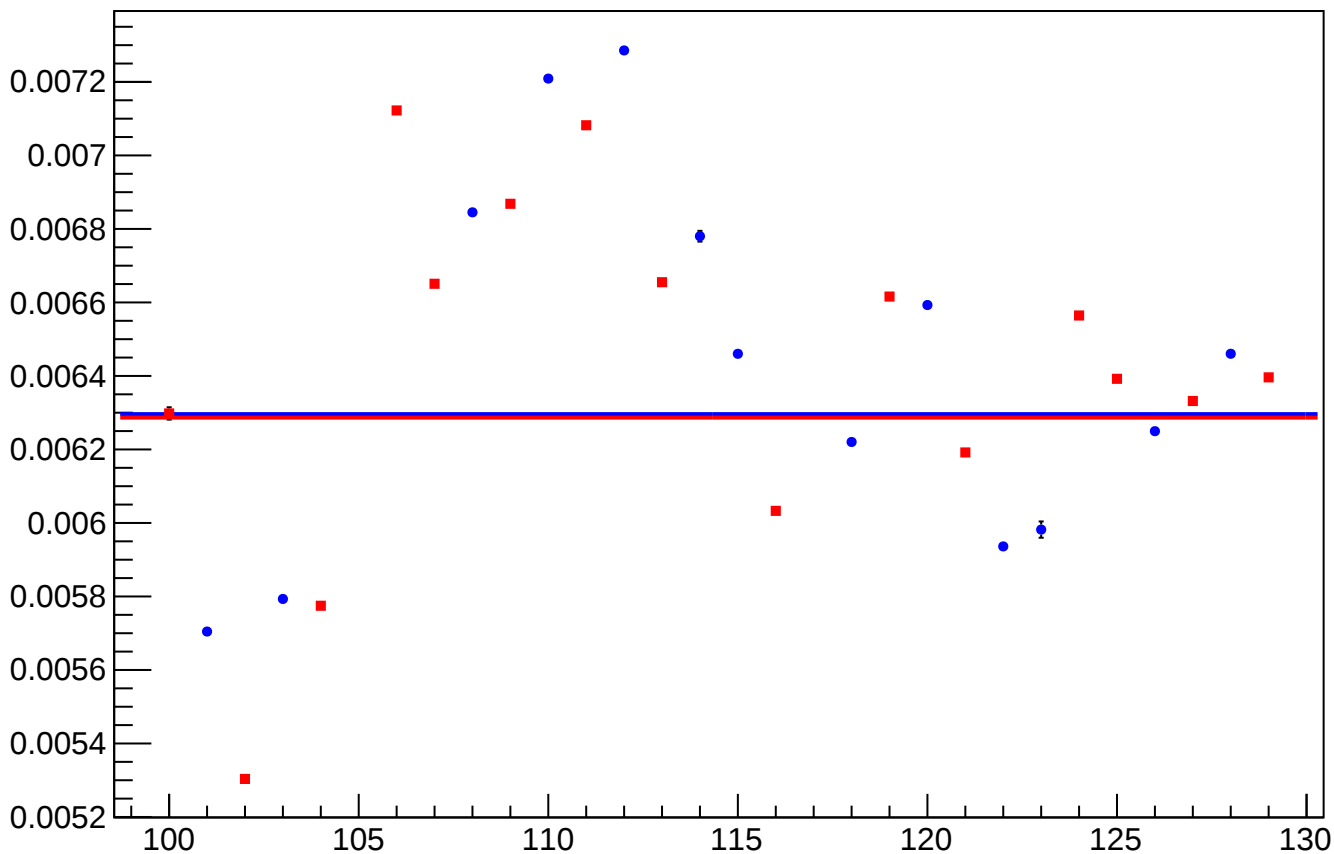
Right: -2.322+/-0.000 χ^2/NDF : 7433129098.2/27

In: -2.330+/-0.000 χ^2/NDF : 2996135471.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.322+/-0.000 χ^2/NDF : 7433129098.2/27

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 59806.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 76867.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

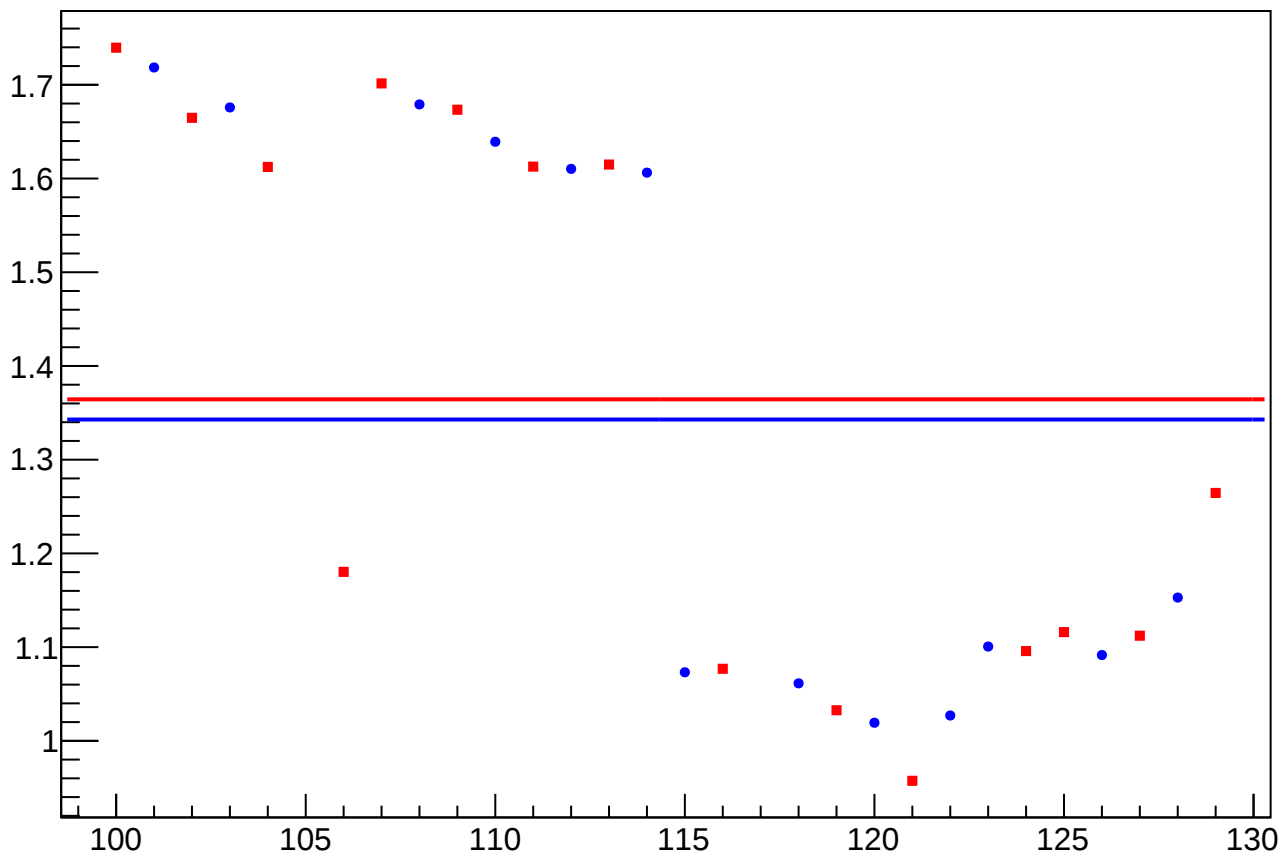
Right: 0.006+/-0.000 χ^2/NDF : 136684.6/27

In: 0.006+/-0.000 χ^2/NDF :59806.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 136684.6/27

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.343+/-0.000 χ^2/NDF : 93791994394.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.364+/-0.000 χ^2/NDF : 101447699925.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

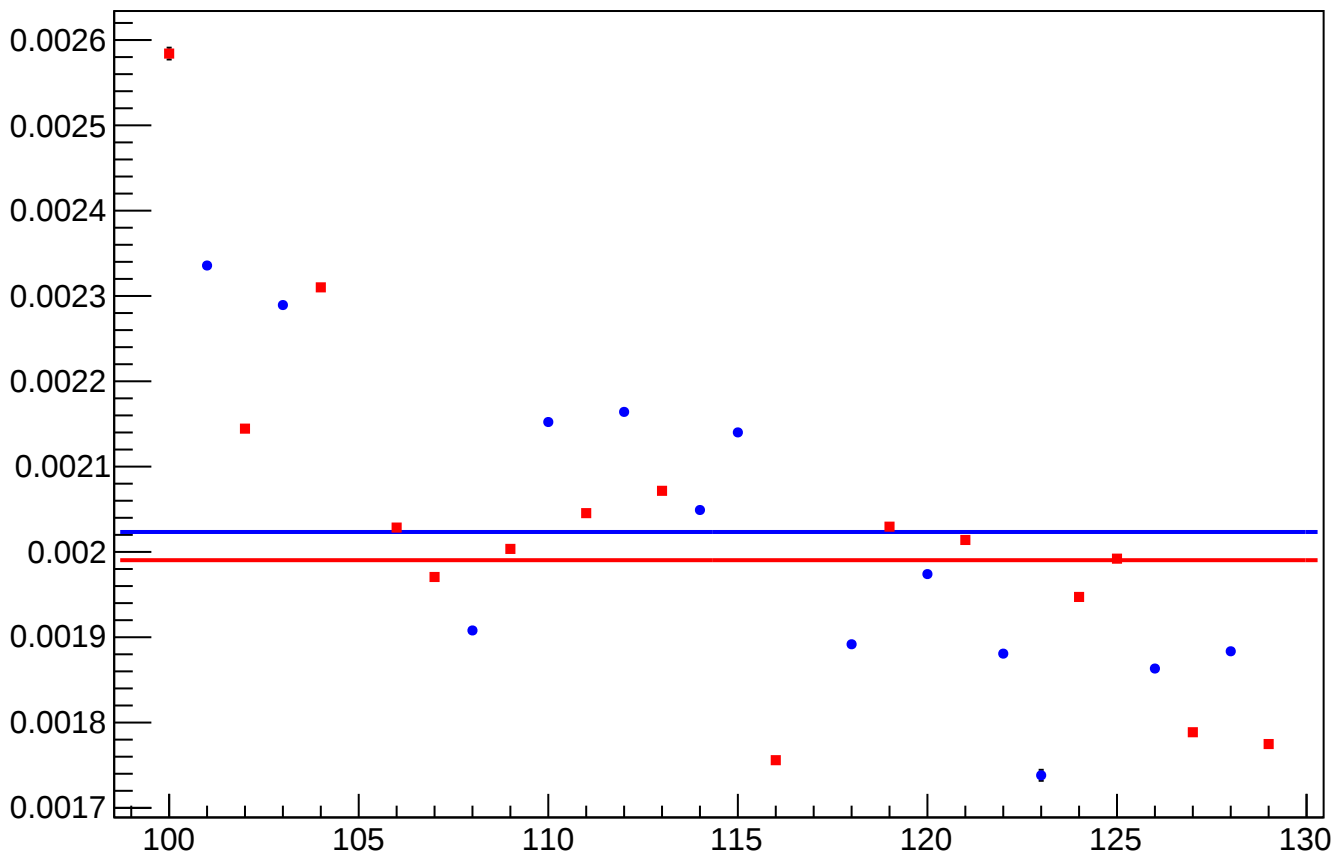
Right: 1.355+/-0.000 χ^2/NDF : 195511585913.2/27

In: 1.343+/-0.000 χ^2/NDF : 93791994394.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.355+/-0.000 χ^2/NDF : 195511585913.2

yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 64885.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 64860.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

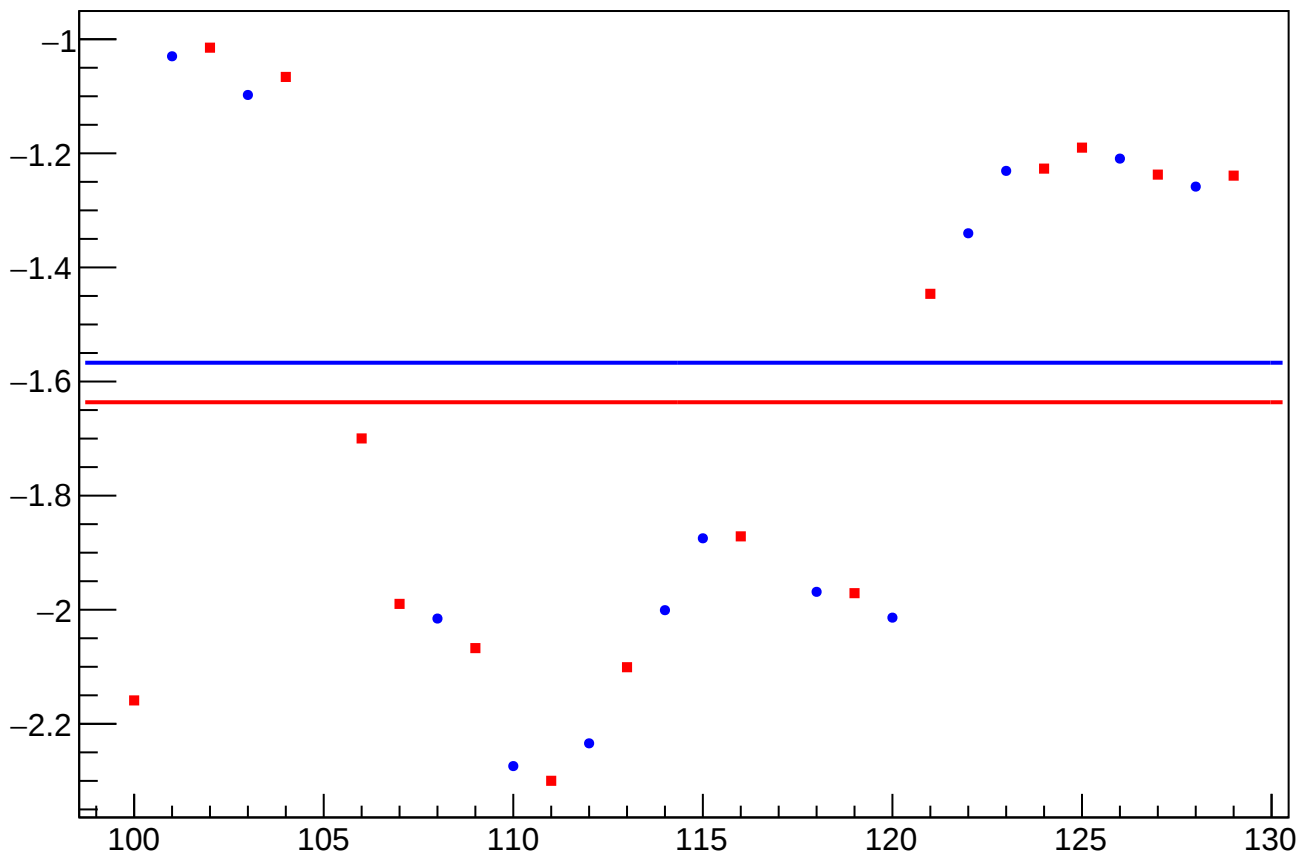
Right: 0.002+/-0.000 χ^2/NDF : 131023.3/27

In: 0.002+/-0.000 χ^2/NDF :64885.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 131023.3/27

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.567+/-0.000 χ^2/NDF : 20334944700.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.636+/-0.000 χ^2/NDF : 26754565363.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

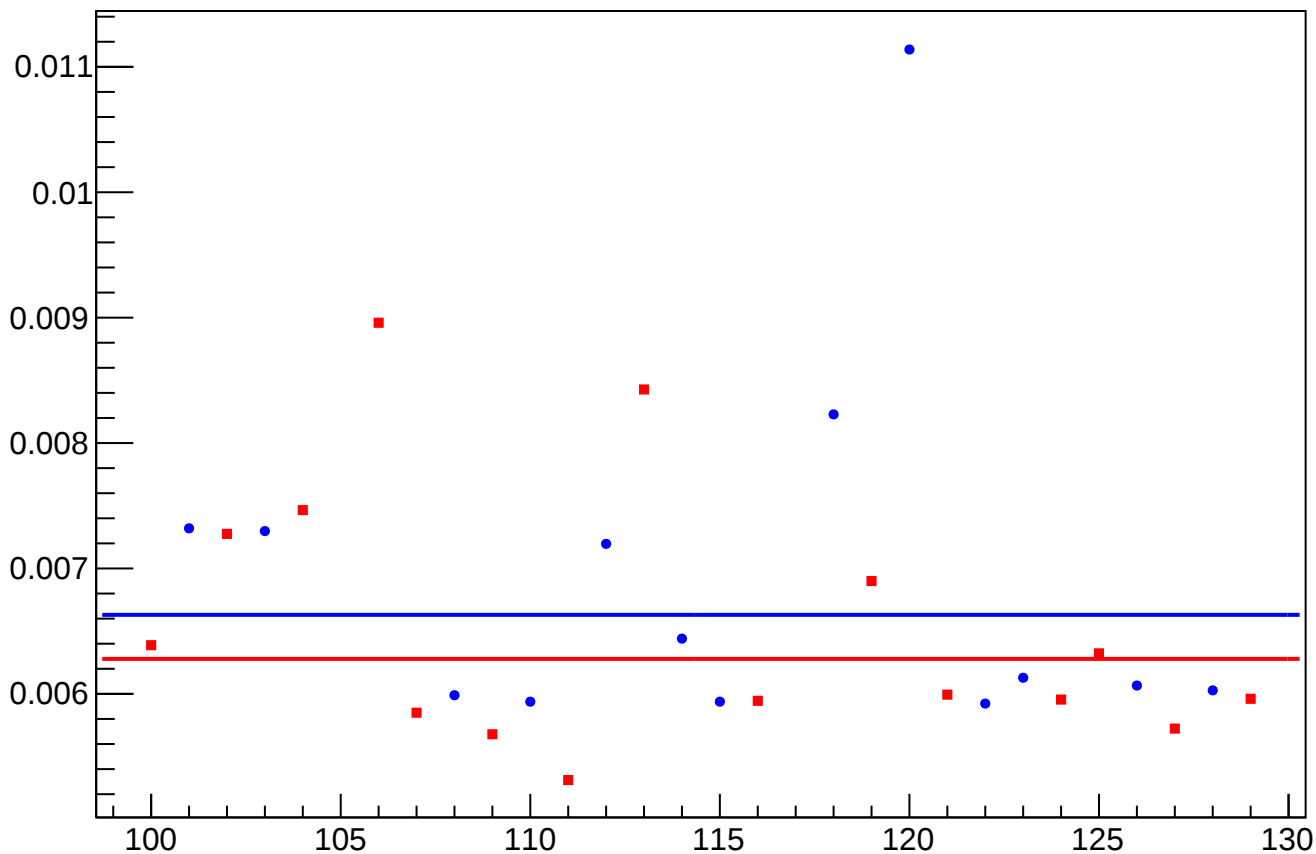
Right: -1.607+/-0.000 χ^2/NDF : 47354481309.2/27

In: -1.567+/-0.000 χ^2/NDF : 20334944700.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.607+/-0.000 χ^2/NDF : 47354481309.2/27

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 190912.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 195112.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

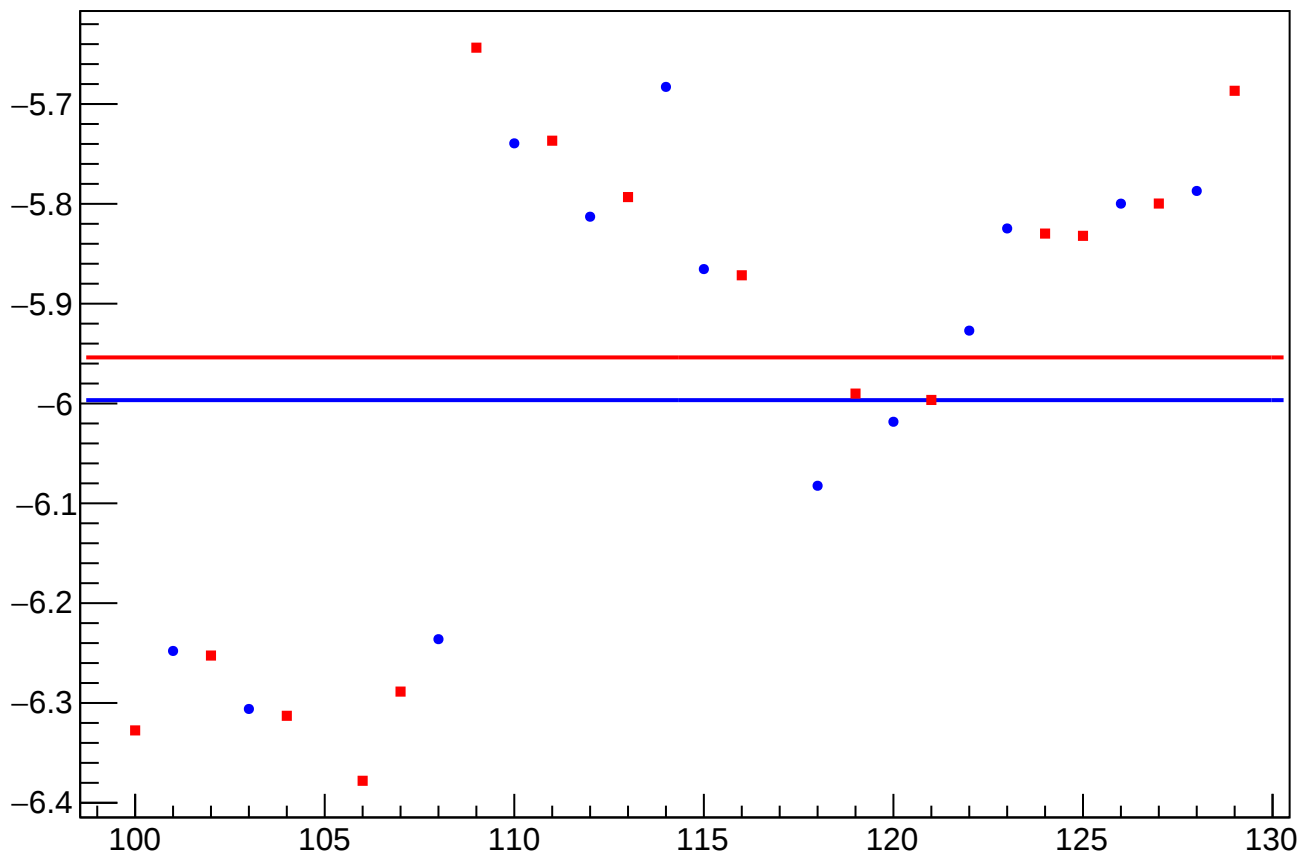
Right: 0.006+/-0.000 χ^2/NDF : 399650.5/27

In: 0.007+/-0.000 χ^2/NDF :190912.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 399650.5/27

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -5.997+/-0.000 χ^2/NDF : 6927700088.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.954+/-0.000 χ^2/NDF : 10889788609.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

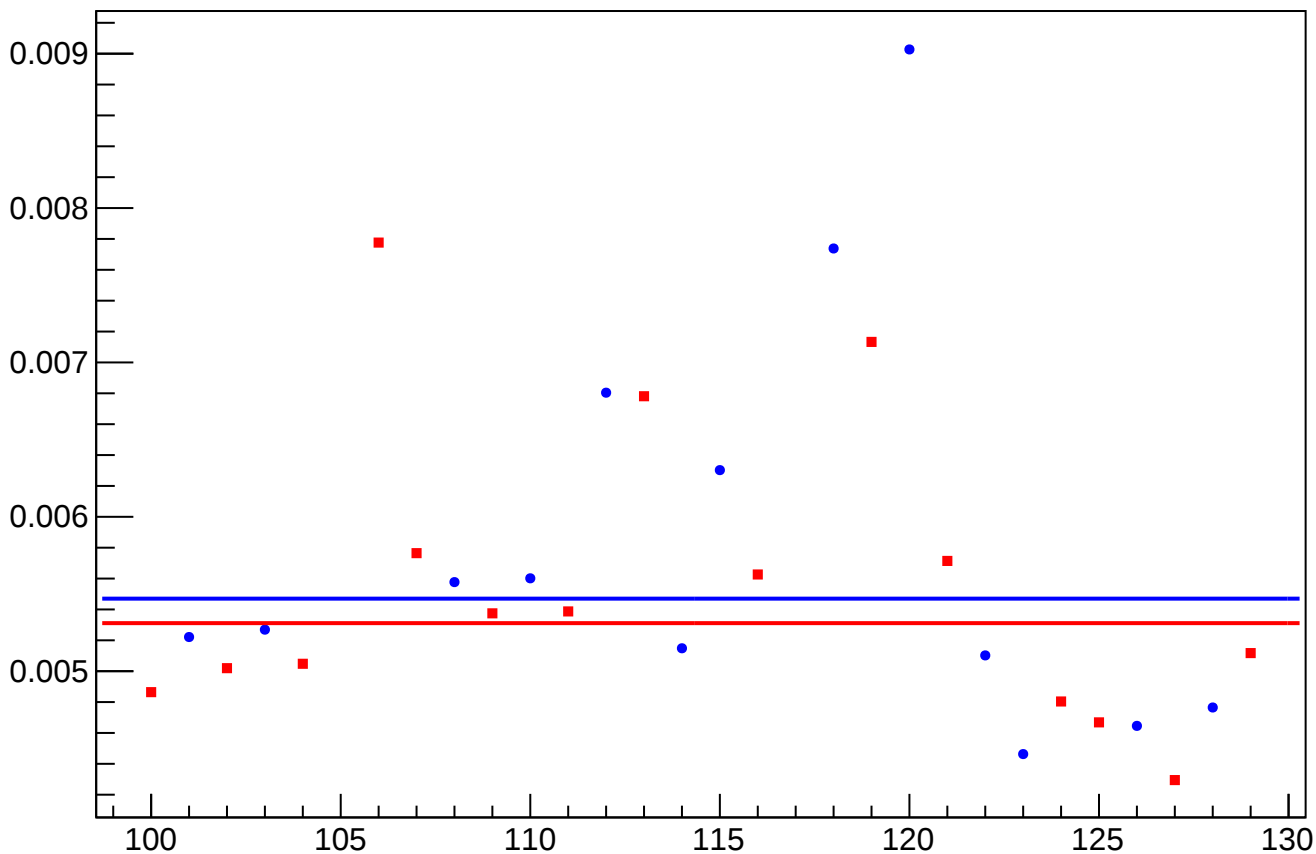
Right: -5.973+/-0.000 χ^2/NDF : 17961948146.1/27

In: -5.997+/-0.000 χ^2/NDF : 6927700088.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.973+/-0.000 χ^2/NDF : 17961948146.1/27

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 257040.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 220667.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

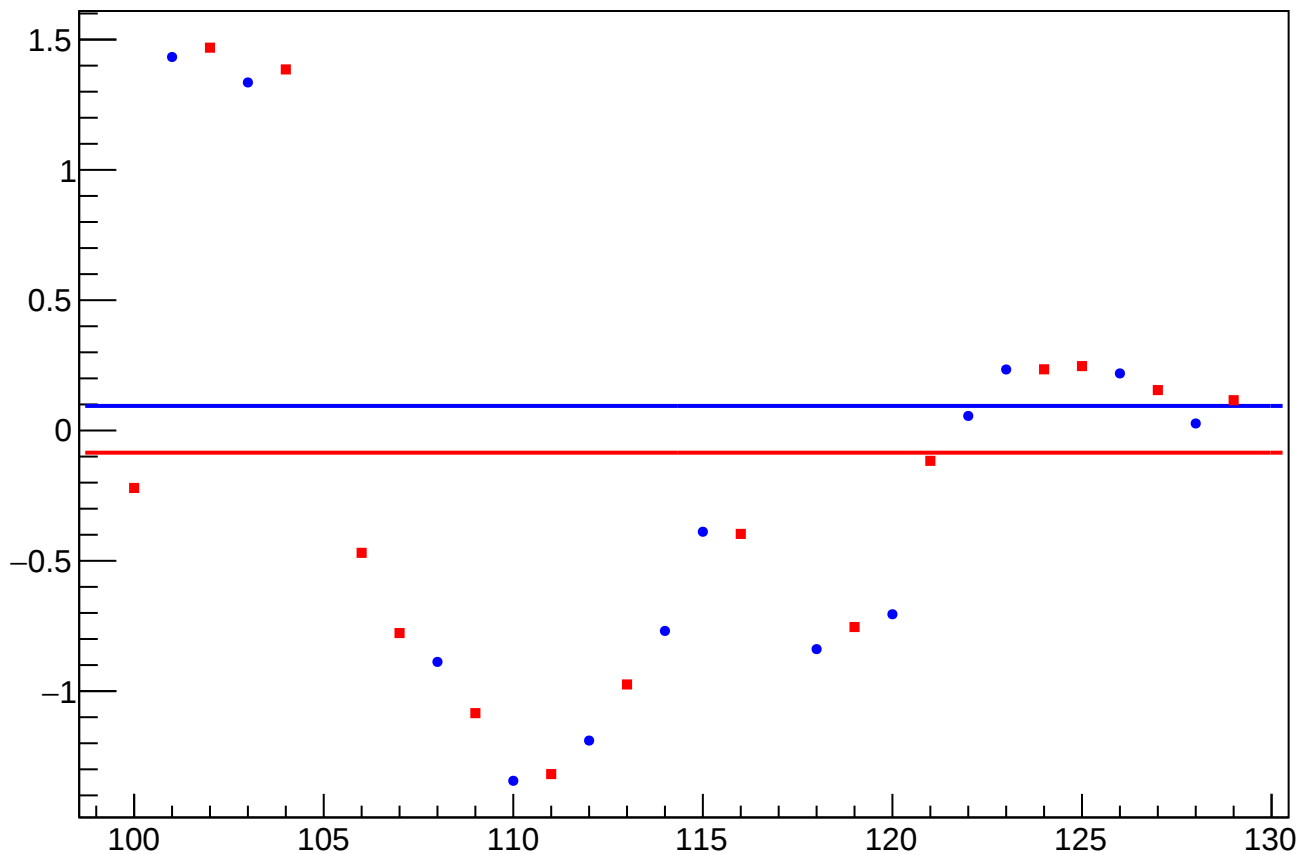
Right: 0.005+/-0.000 χ^2/NDF : 481679.6/27

In: 0.005+/-0.000 χ^2/NDF :257040.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 481679.6/27

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 0.094+/-0.000 χ^2/NDF : 16367837384.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.085+/-0.000 χ^2/NDF : 20618882383.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

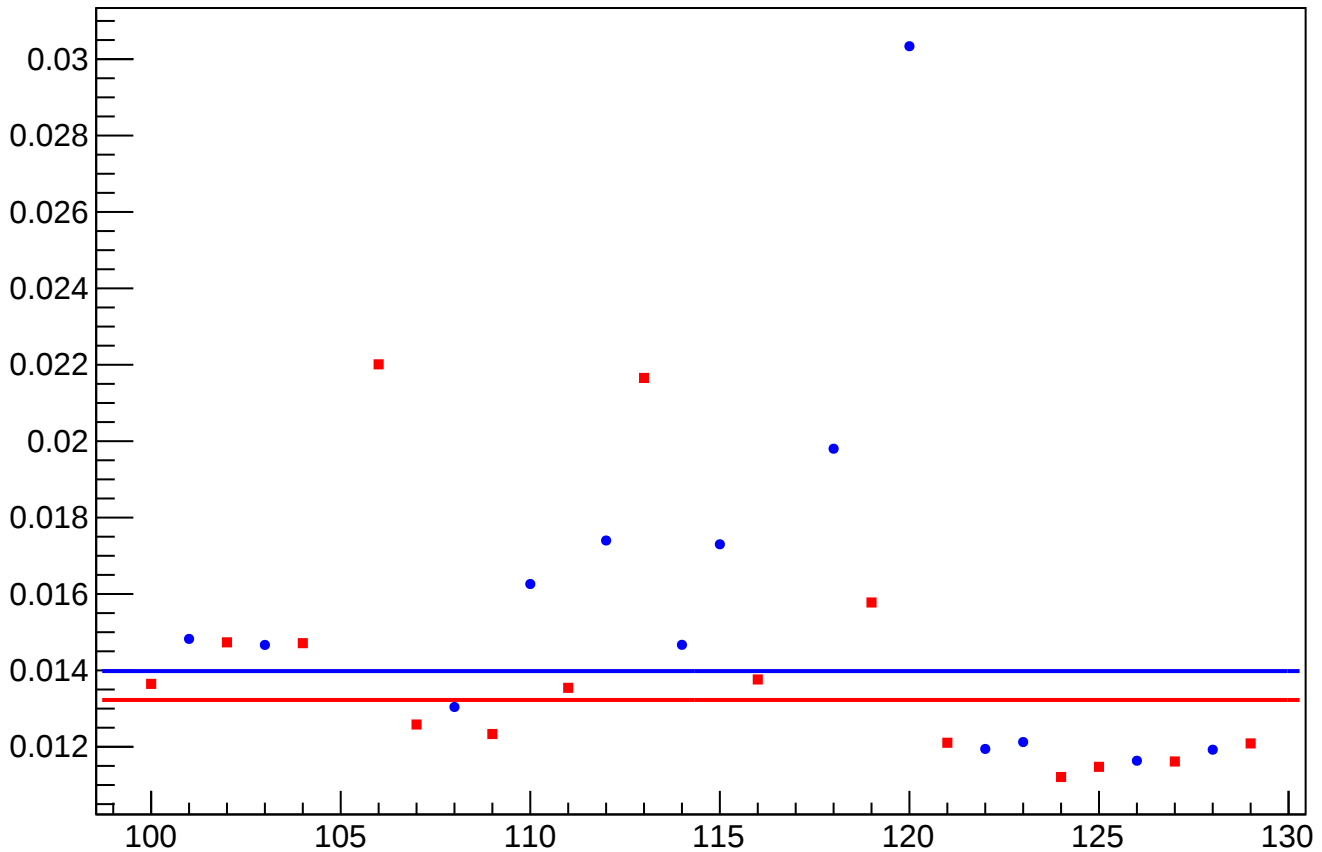
Right: -0.010+/-0.000 χ^2/NDF : 37373249395.4/27

In: 0.094+/-0.000 χ^2/NDF :16367837384.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.010+/-0.000 χ^2/NDF : 37373249395.4/27

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 355817.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 264849.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

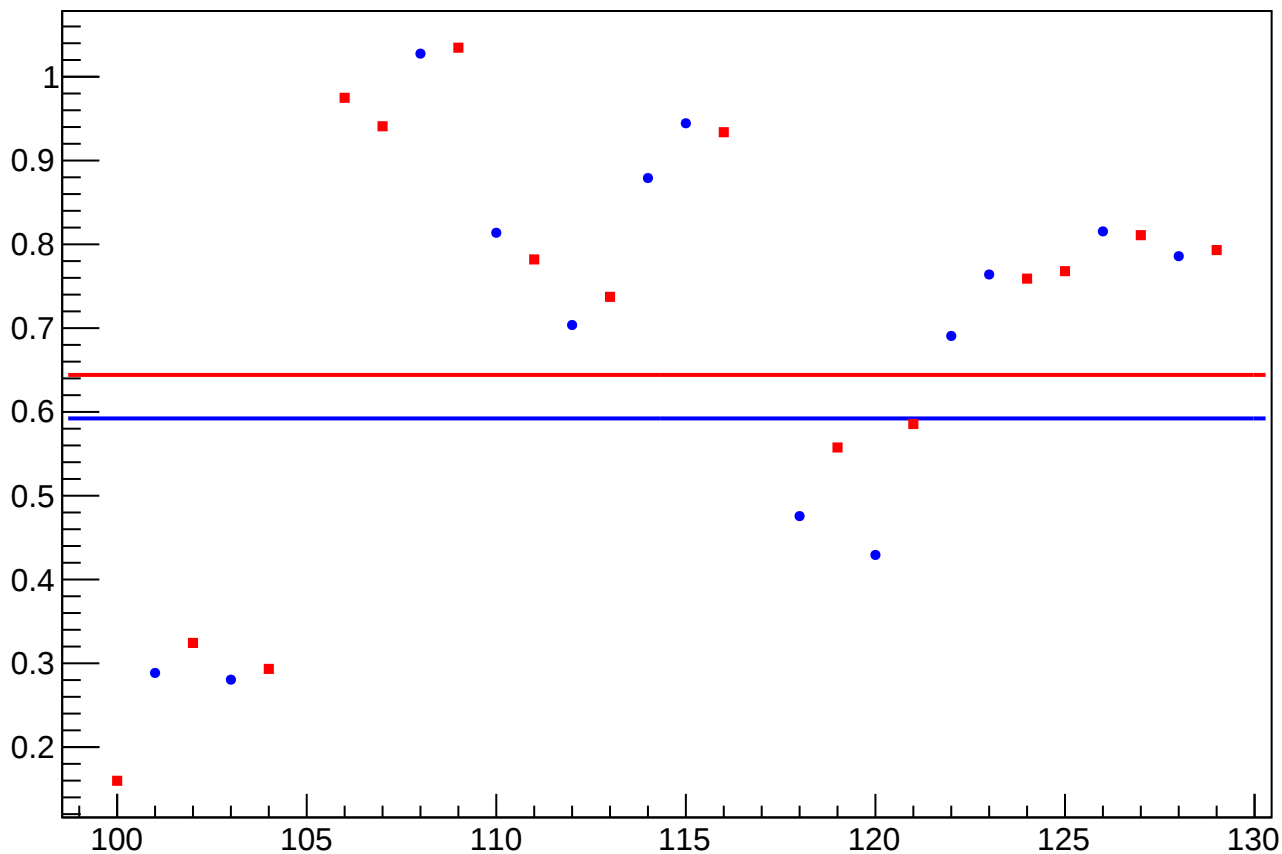
Right: 0.014+/-0.000 χ^2/NDF : 634395.5/27

In: 0.014+/-0.000 χ^2/NDF :355817.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 634395.5/27

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.592+/-0.000

χ^2/NDF : 4513266523.5/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.644+/-0.000

χ^2/NDF : 5602473259.5/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.622+/-0.000

χ^2/NDF : 10213512167.3/27

In: 0.592+/-0.000

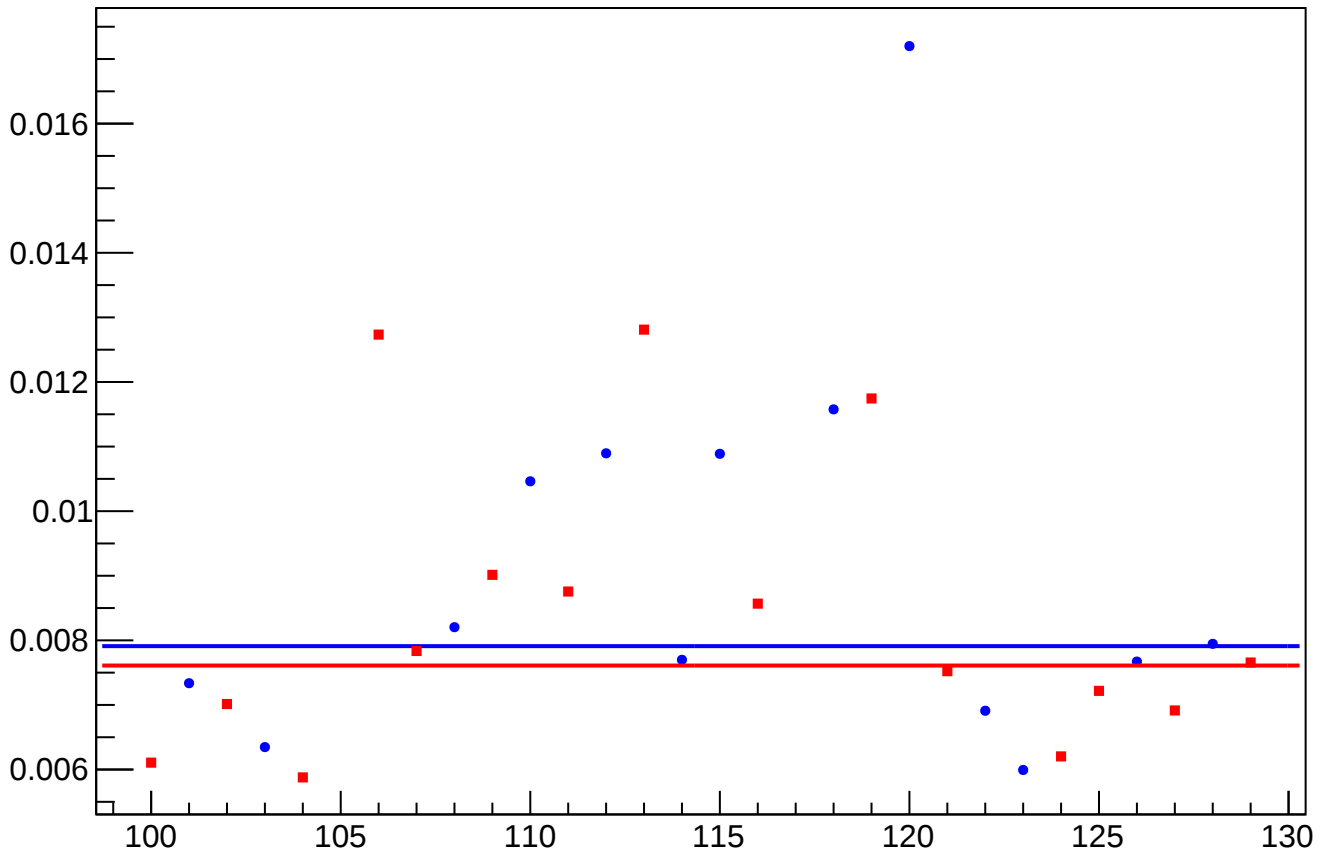
χ^2/NDF : 4513266523.5/12

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.622+/-0.000 χ^2/NDF : 10213512167.3/27

yield_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 446207.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 432489.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

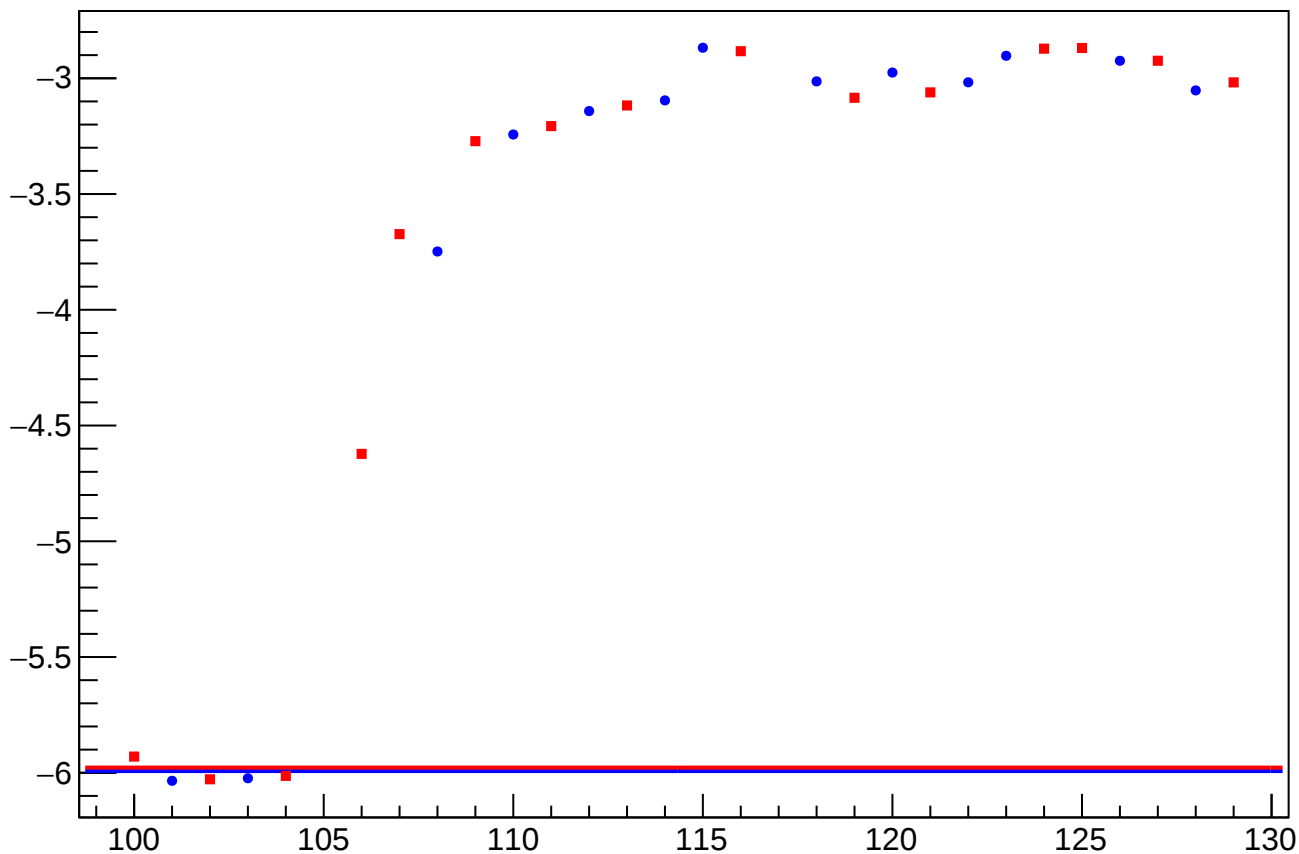
Right: 0.008+/-0.000 χ^2/NDF : 885234.7/27

In: 0.008+/-0.000 χ^2/NDF :446207.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 885234.7/27

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -5.993+/-0.000 χ^2/NDF : 4495912159.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5.978+/-0.000 χ^2/NDF : 4557316890.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

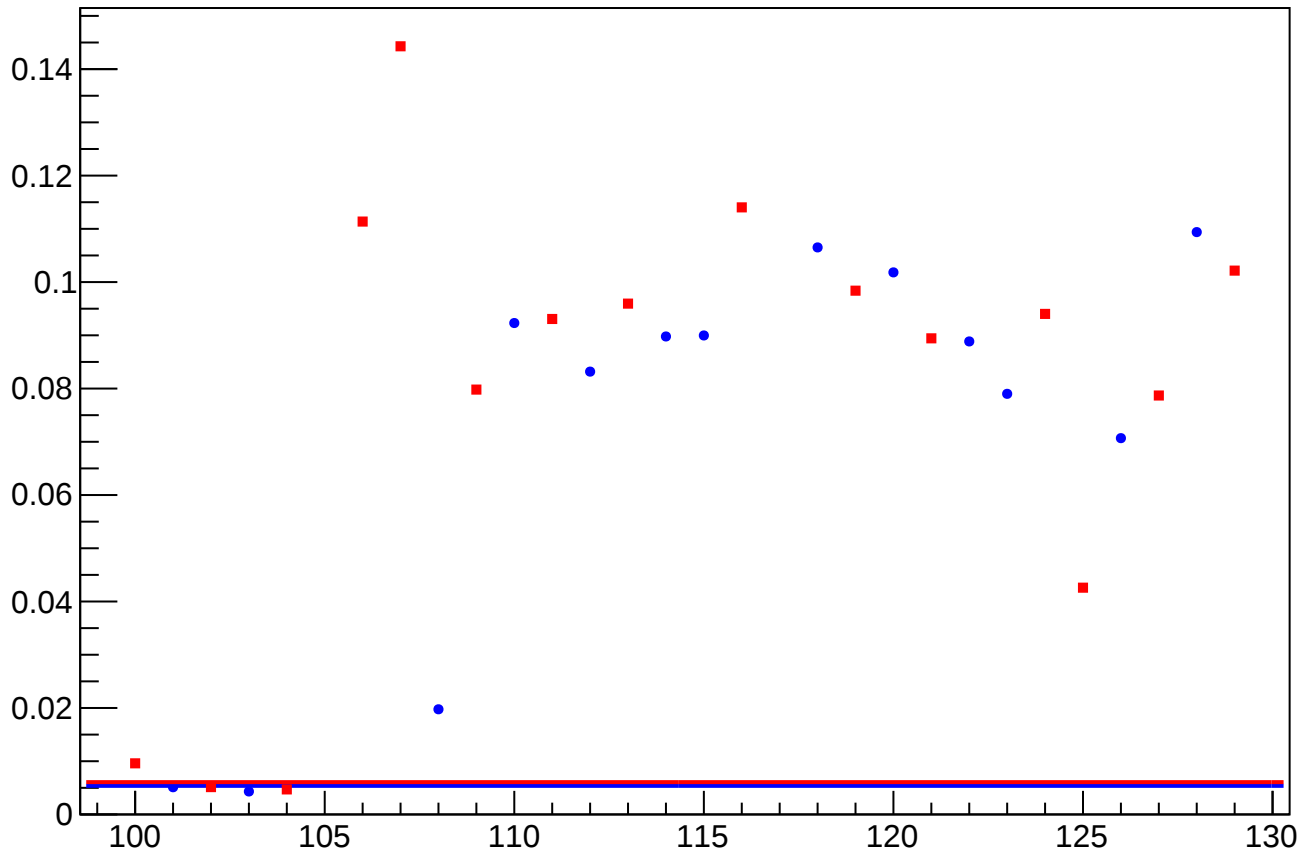
Right: -5.986+/-0.000 χ^2/NDF : 9058006174.9/27

In: -5.993+/-0.000 χ^2/NDF :4495912159.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.986+/-0.000 χ^2/NDF : 9058006174.9/27

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 5328876.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 7106479.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

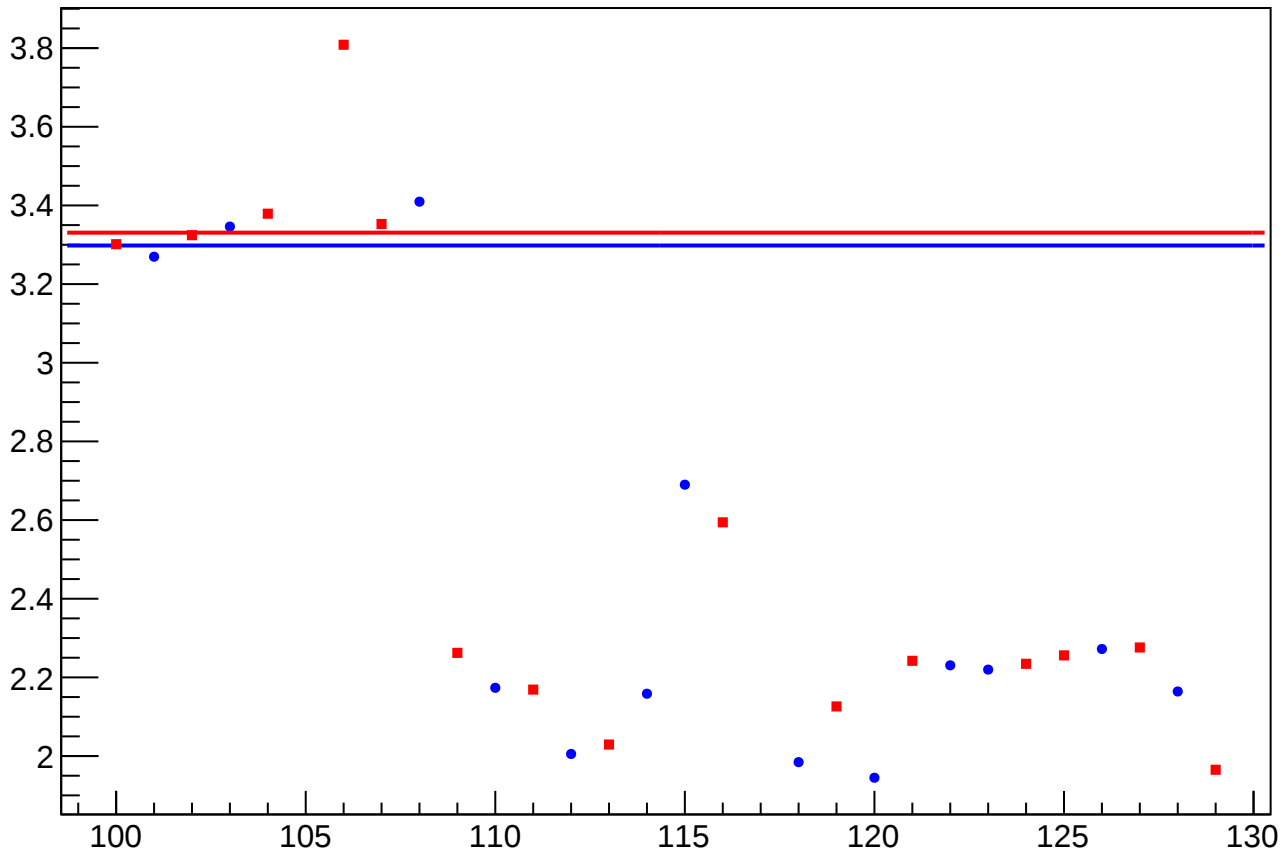
Right: 0.006+/-0.000 χ^2/NDF : 12455688.7/27

In: 0.005+/-0.000 χ^2/NDF : 5328876.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 12455688.7/27

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.298+/-0.000 χ^2/NDF : 483868542.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.331+/-0.000 χ^2/NDF : 660823280.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

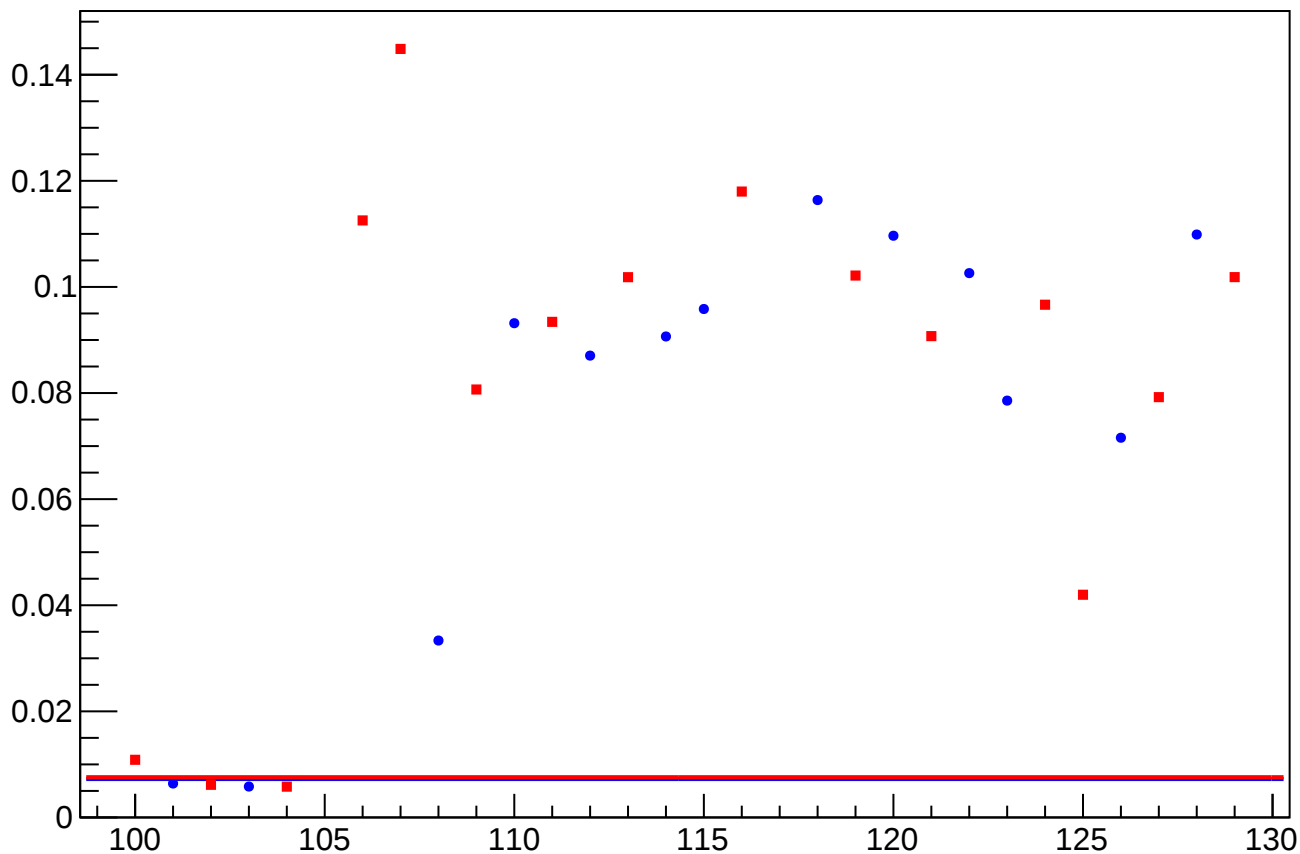
Right: 3.314+/-0.000 χ^2/NDF : 1159176158.6/27

In: 3.298+/-0.000 χ^2/NDF : 483868542.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.314+/-0.000 χ^2/NDF : 1159176158.6/27

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 5311803.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 6887976.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

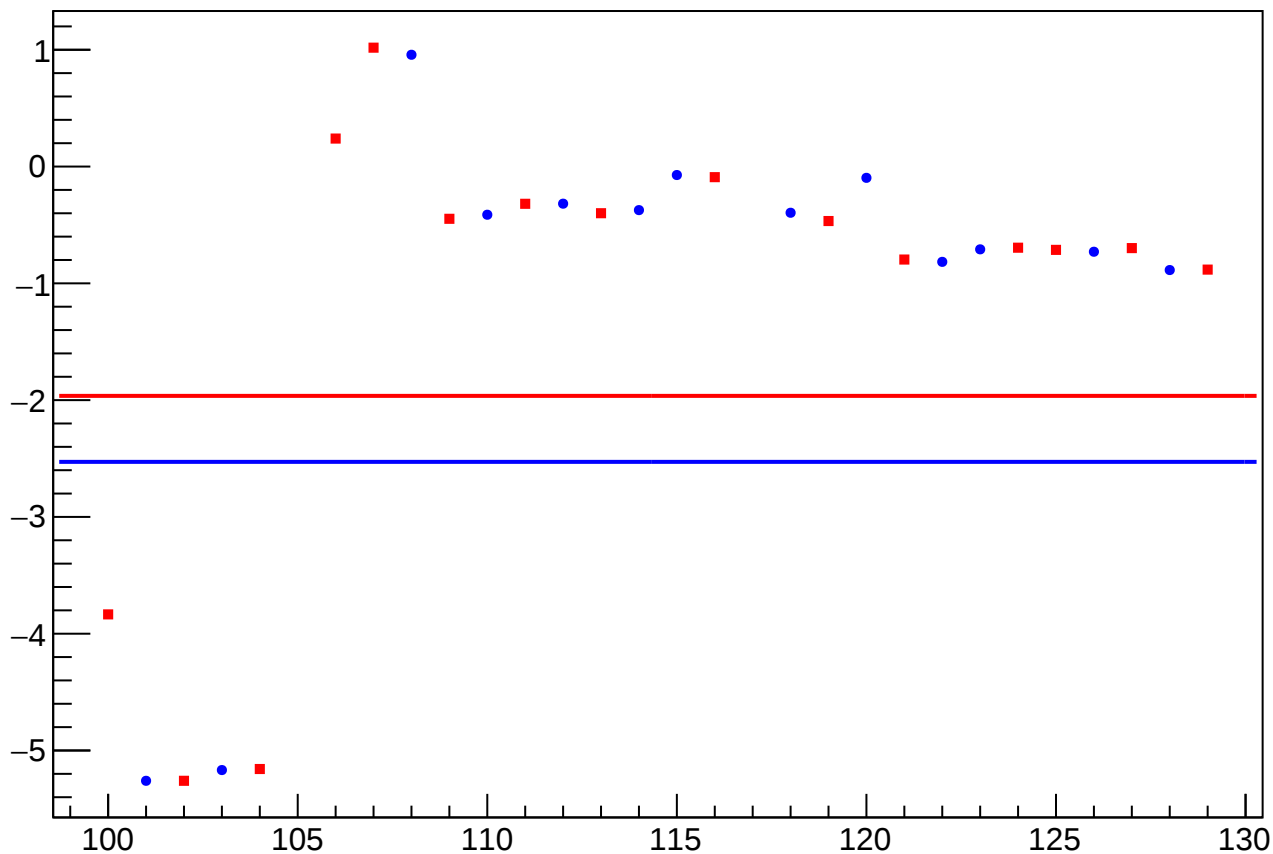
Right: 0.007+/-0.000 χ^2/NDF : 12203242.5/27

In: 0.007+/-0.000 χ^2/NDF :5311803.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 12203242.5/27

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -2.529+/-0.000 χ^2/NDF : 106233423708.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.964+/-0.000 χ^2/NDF : 119218807460.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

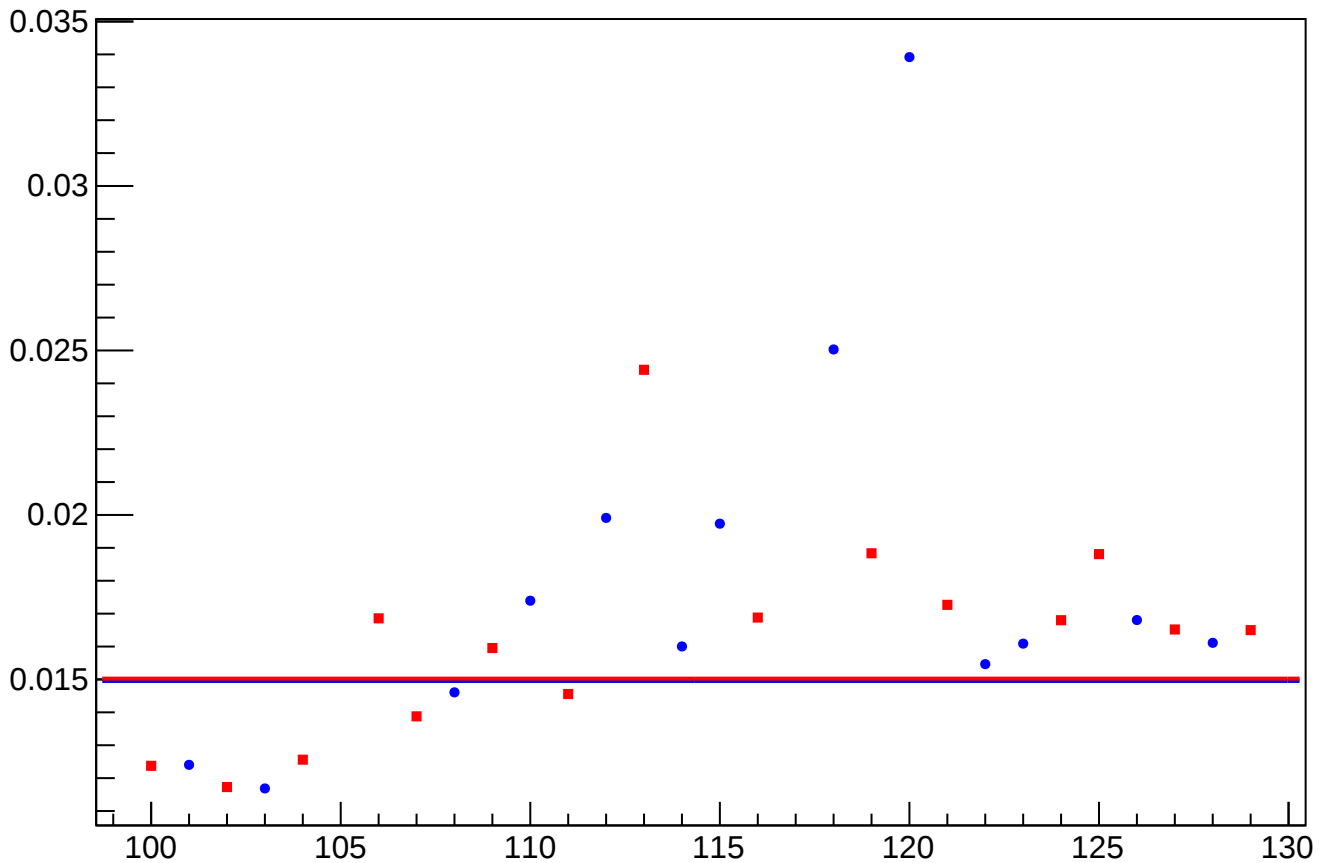
Right: -2.215+/-0.000 χ^2/NDF : 228528306608.7/27

In: -2.529+/-0.000 χ^2/NDF :106233423708.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.215+/-0.000 χ^2/NDF : 228528306608.7

yield_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 510507.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 320537.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

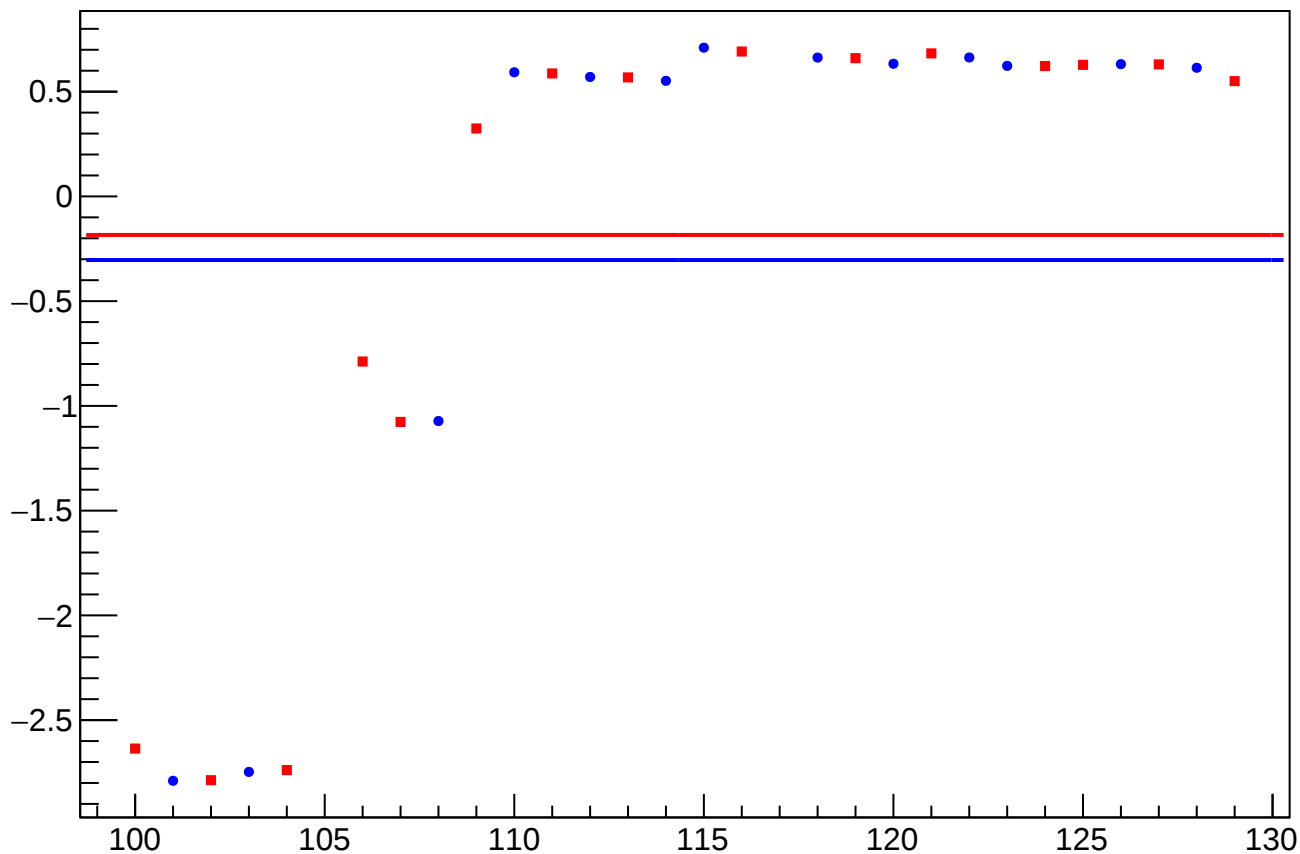
Right: 0.015+/-0.000 χ^2/NDF : 831144.1/27

In: 0.015+/-0.000 χ^2/NDF : 510507.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

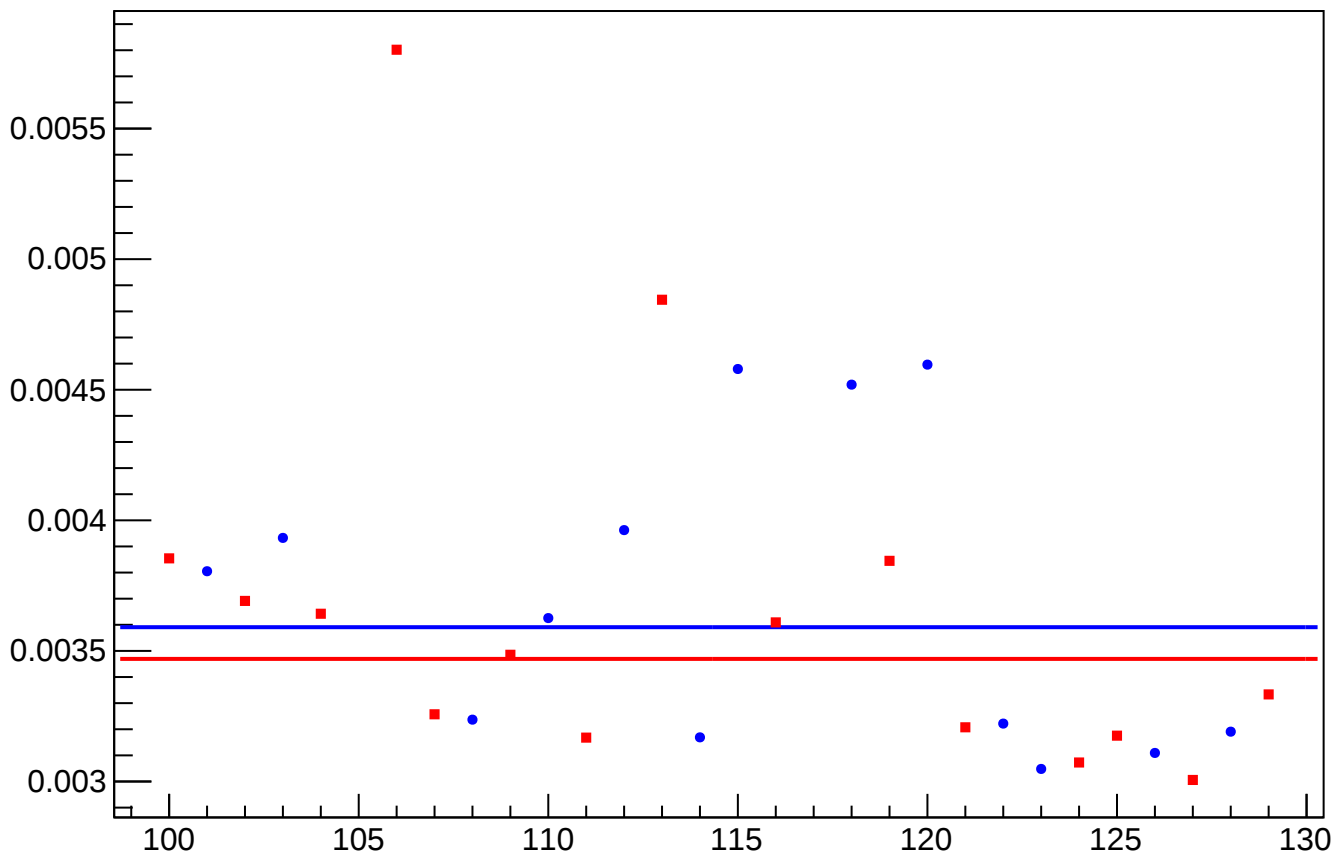
All: 0.015+/-0.000 χ^2/NDF : 831144.1/27

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -0.304+/-0.000 χ^2/NDF : 676827885487.5/12
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -0.184+/-0.000 χ^2/NDF : 752123946796.2/14
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -0.237+/-0.000 χ^2/NDF : 1431698205922.7/2

yield_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 154354.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 213081.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

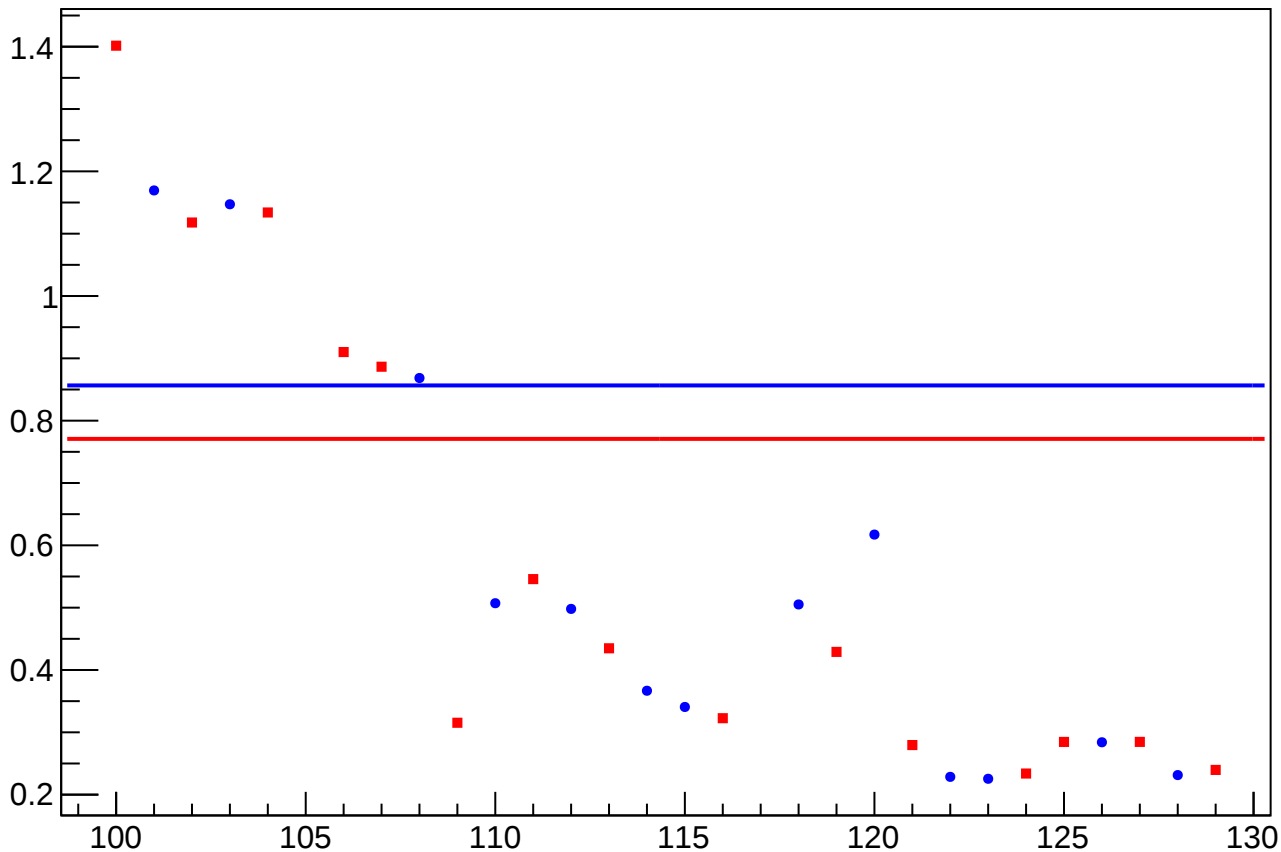
Right: 0.004+/-0.000 χ^2/NDF : 373083.9/27

In: 0.004+/-0.000 χ^2/NDF :154354.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 373083.9/27

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 0.857+/-0.000 χ^2/NDF : 16488515874.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.771+/-0.000 χ^2/NDF : 19823187475.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

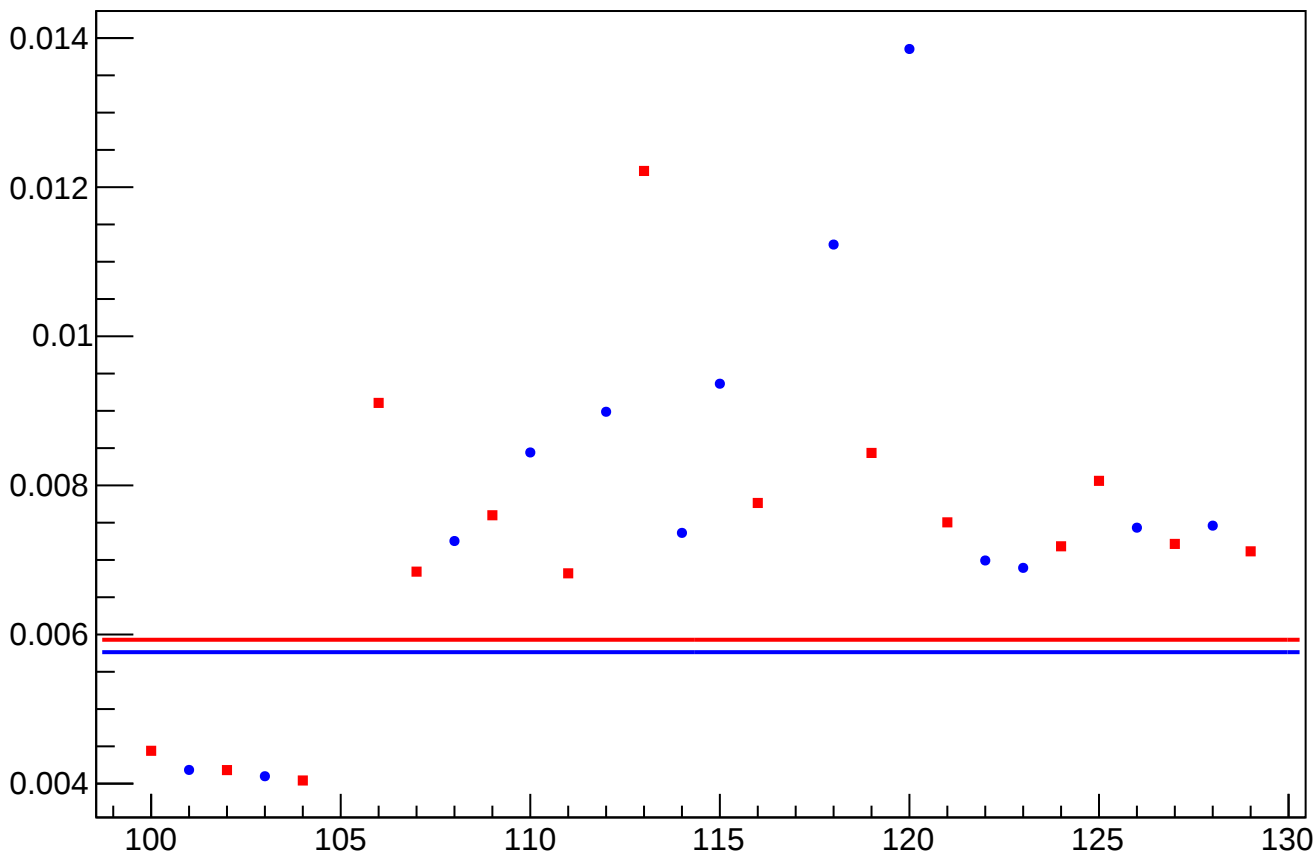
Right: 0.810+/-0.000 χ^2/NDF : 36747019864.6/27

In: 0.857+/-0.000 χ^2/NDF : 16488515874.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.810+/-0.000 χ^2/NDF : 36747019864.6/27

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 1042180.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 915603.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

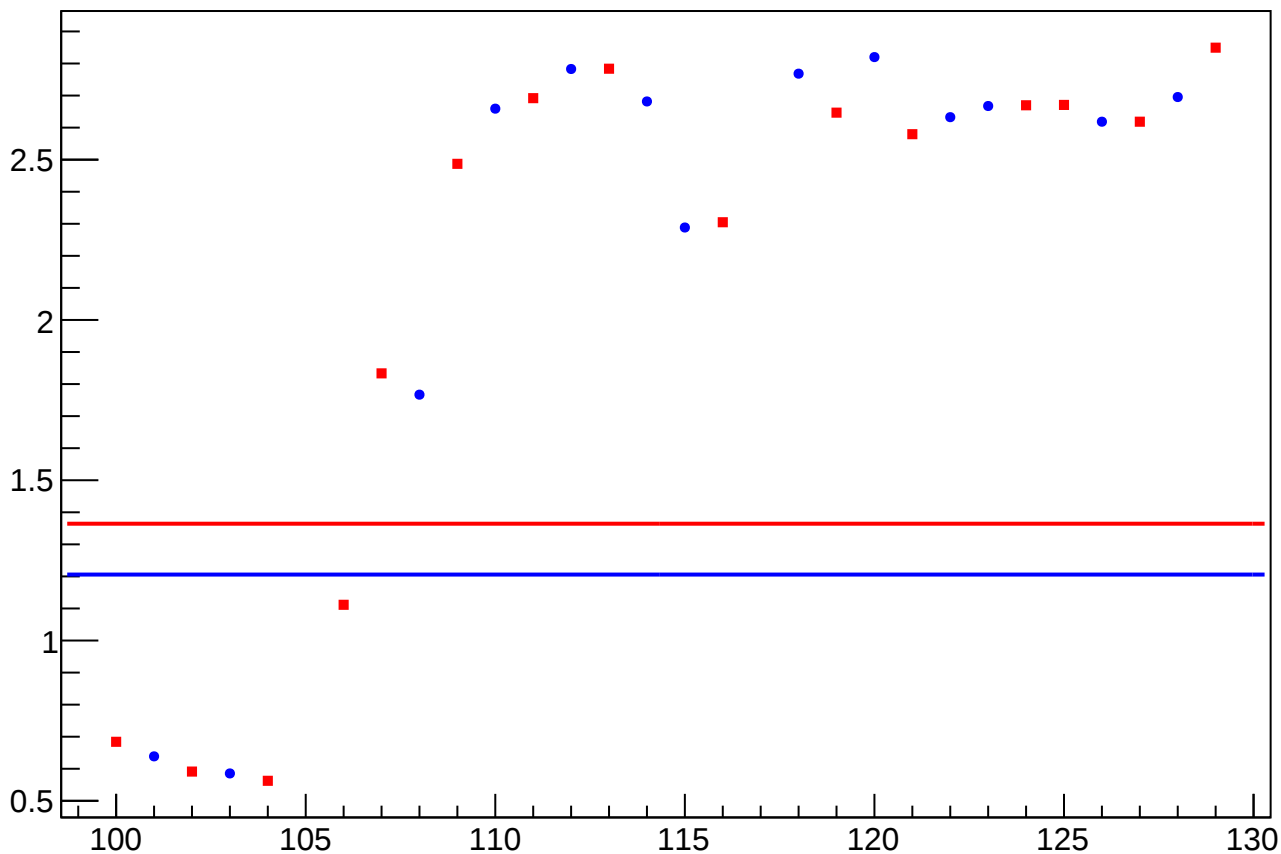
Right: 0.006+/-0.000 χ^2/NDF : 1961065.4/27

In: 0.006+/-0.000 χ^2/NDF :1042180.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1961065.4/27

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 1.206+/-0.000 χ^2/NDF : 94953120141.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.364+/-0.000 χ^2/NDF : 122540555127.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

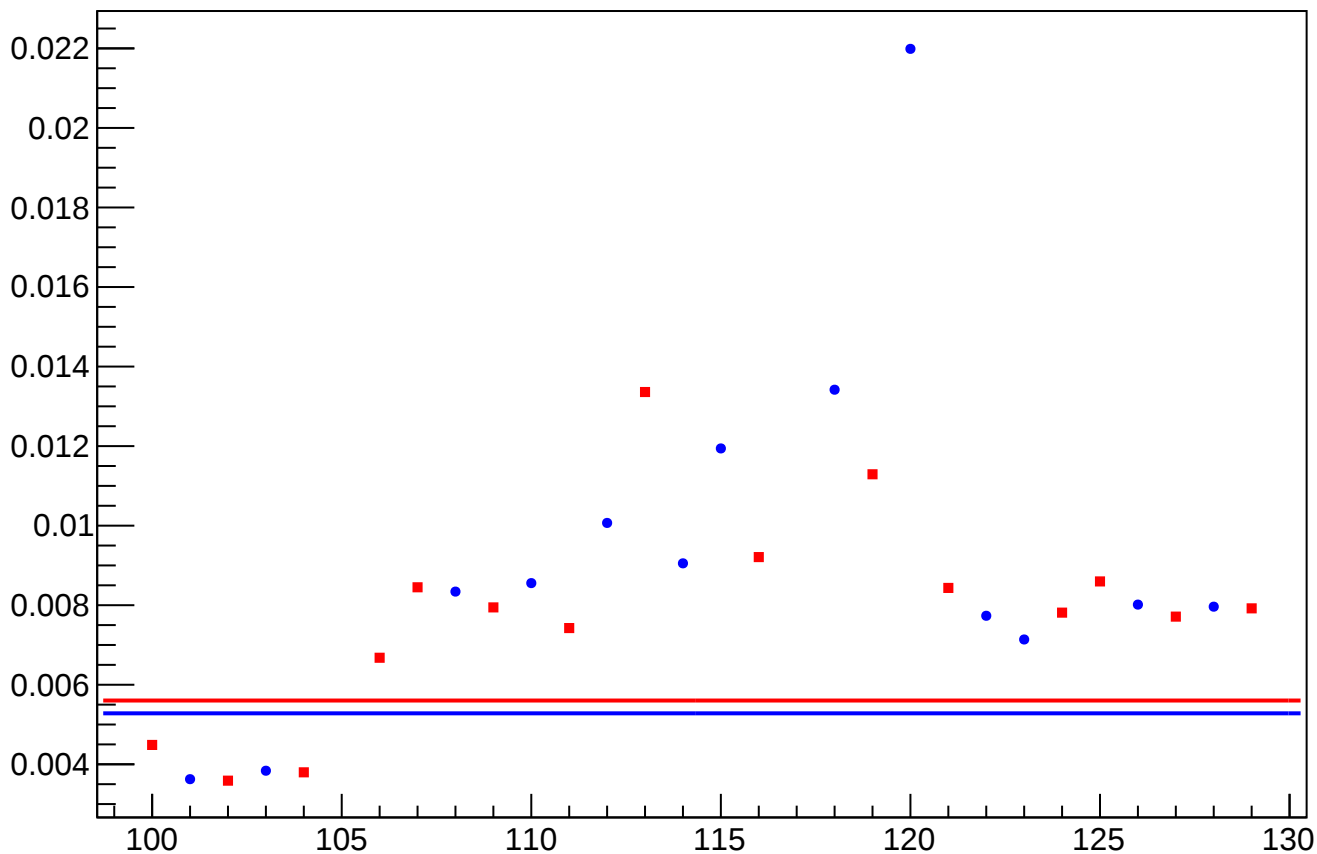
Right: 1.290+/-0.000 χ^2/NDF : 219035561760.3/27

In: 1.206+/-0.000 χ^2/NDF :94953120141.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.290+/-0.000 χ^2/NDF : 219035561760.3

yield_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1585263.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1477384.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

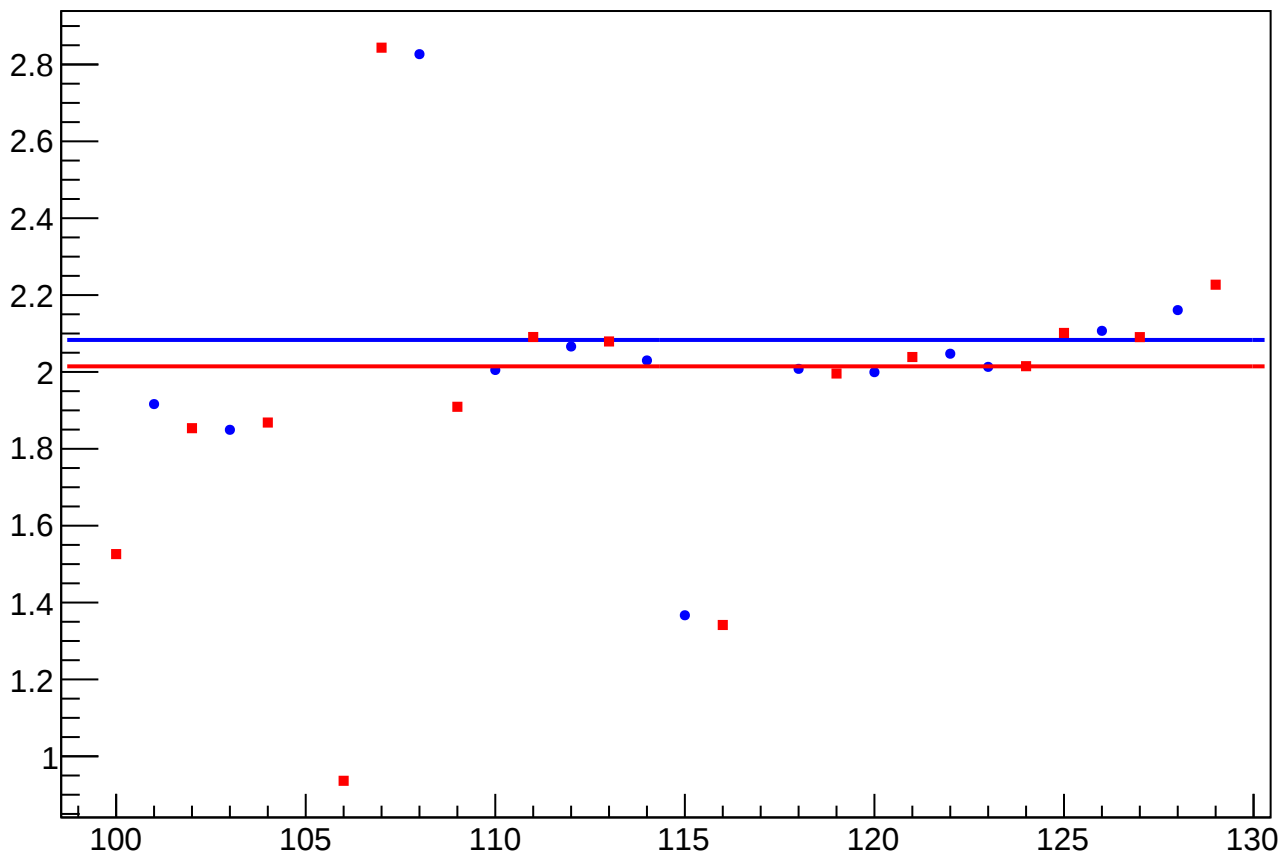
Right: 0.005+/-0.000 χ^2/NDF : 3075353.8/27

In: 0.005+/-0.000 χ^2/NDF :1585263.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 3075353.8/27

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.083+/-0.000

χ^2/NDF : 7473723611.7/12

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 2.045+/-0.000 χ^2/NDF : 23442867982.8/27

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 2.083+/-0.000 χ^2/NDF : 7473723611.7/12

Right Out: 2.015+/-0.000

χ^2/NDF : 15725001049.3/14

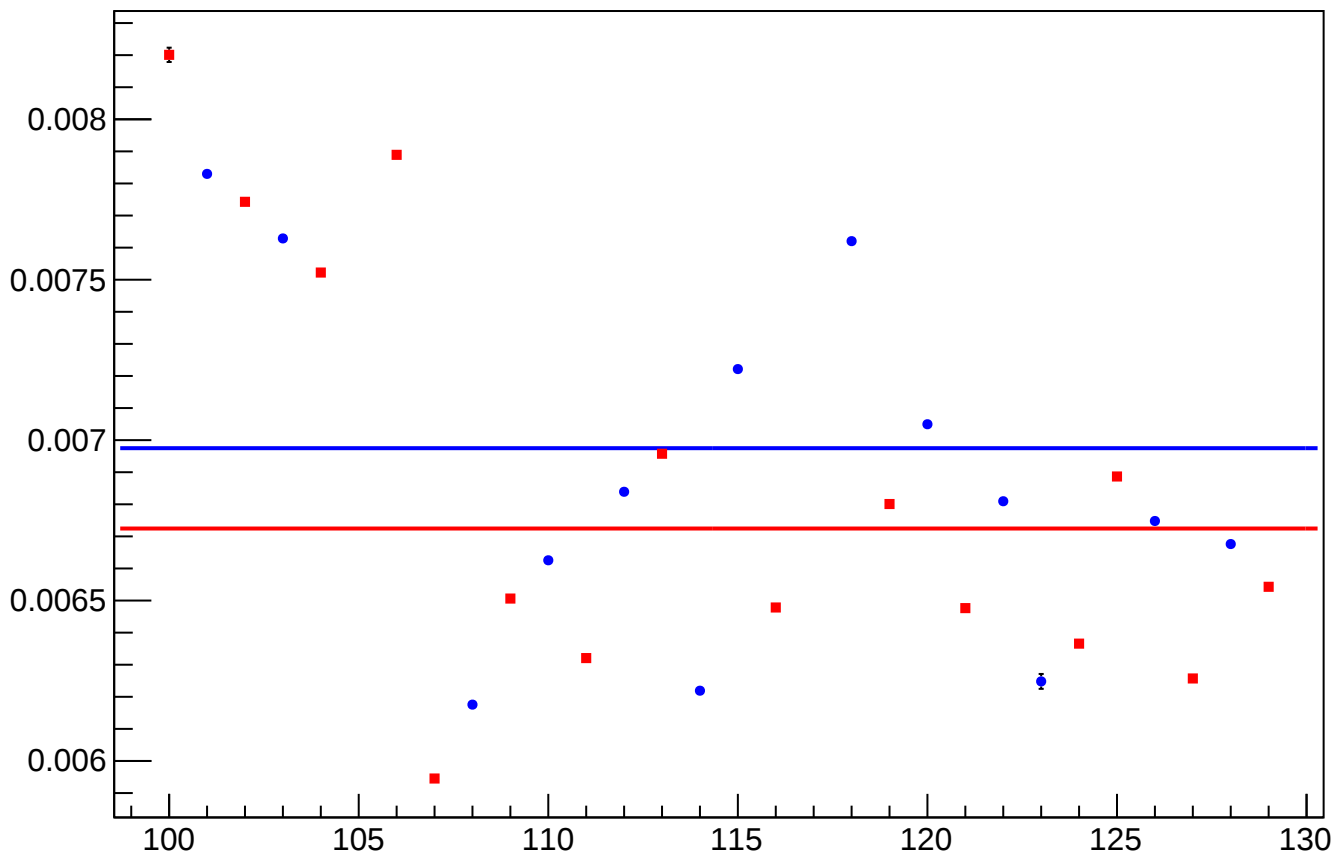
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 2.045+/-0.000 χ^2/NDF : 23442867982.8/27

yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 49605.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 70646.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

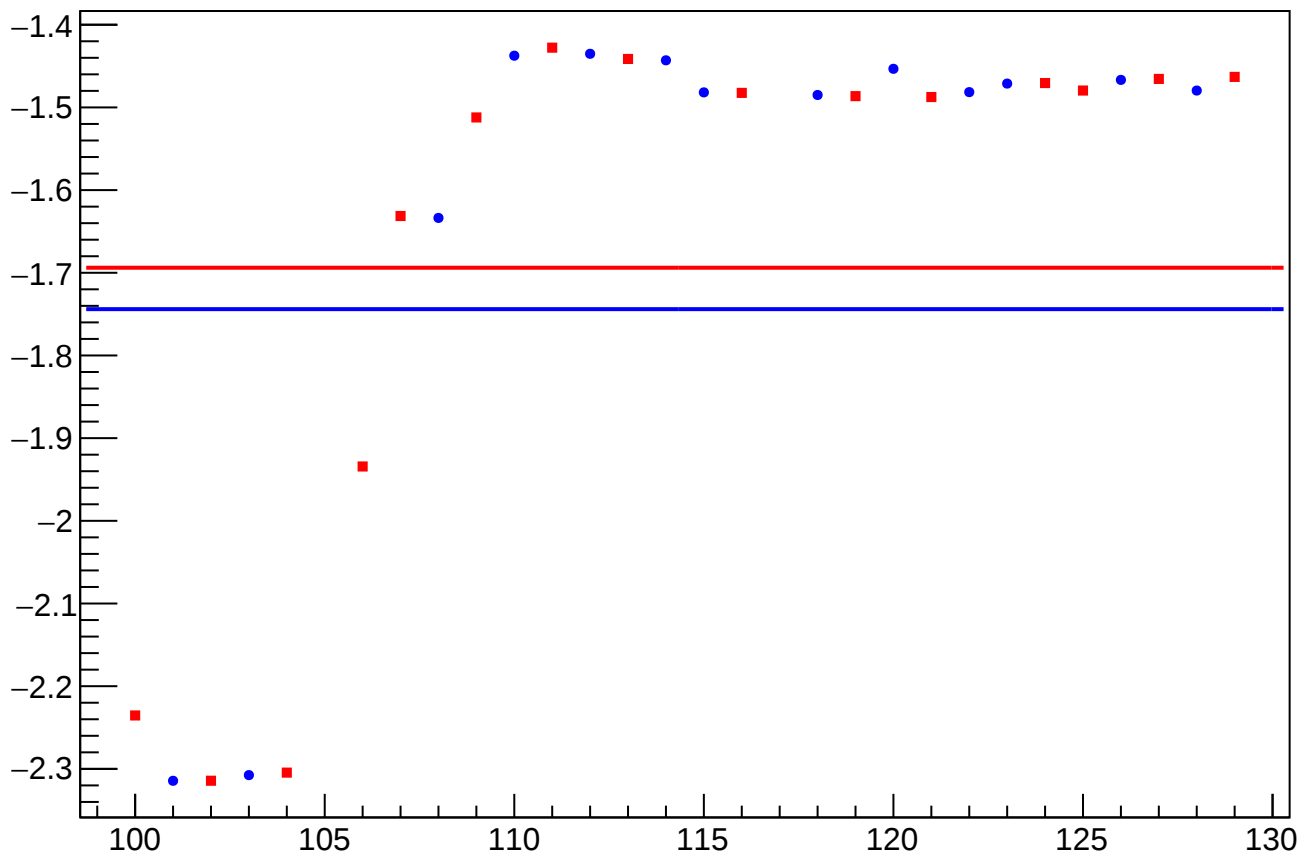
Right: 0.007+/-0.000 χ^2/NDF : 126740.4/27

In: 0.007+/-0.000 χ^2/NDF : 49605.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 126740.4/27

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -1.744+/-0.000 χ^2/NDF : 91384109428.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.694+/-0.000 χ^2/NDF : 94617813913.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

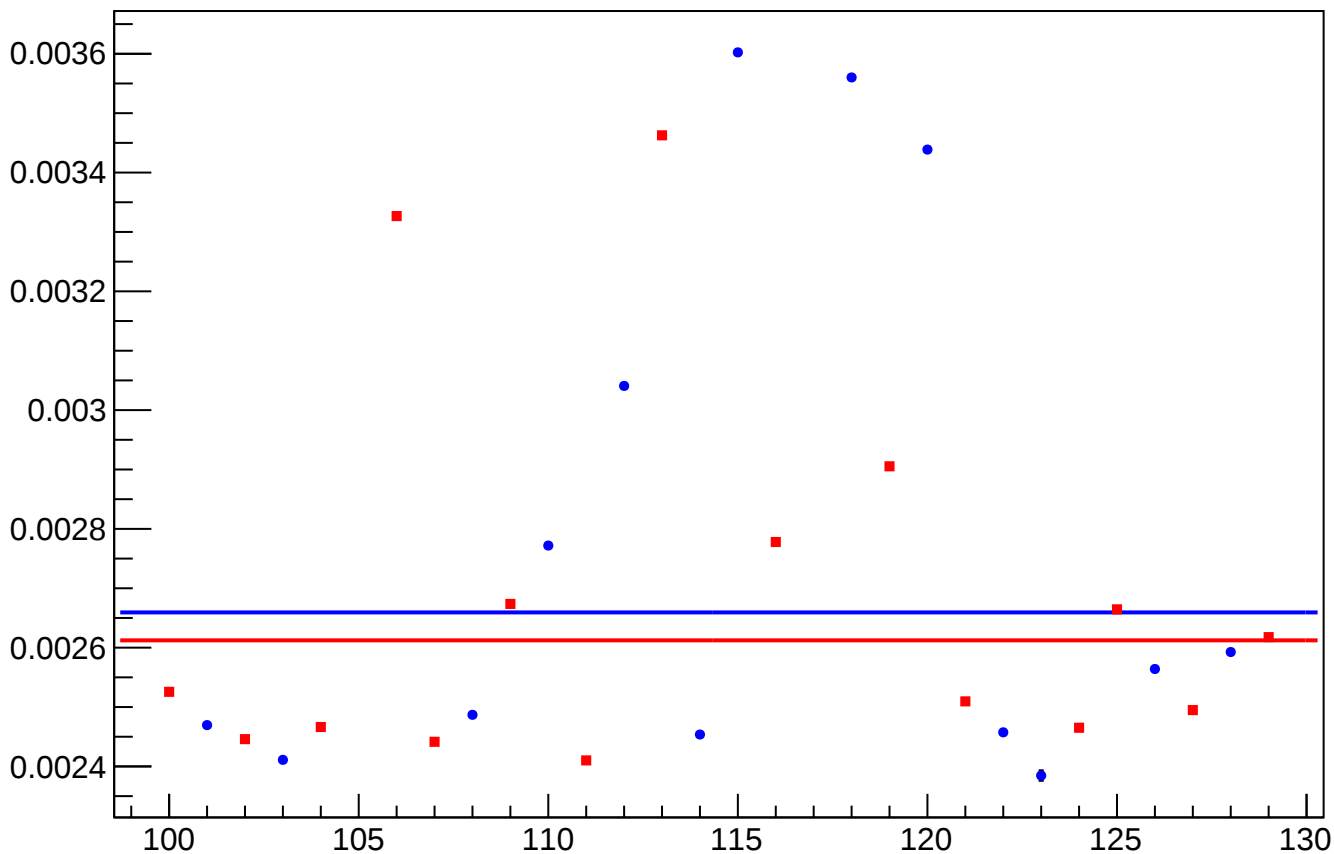
Right: -1.716+/-0.000 χ^2/NDF : 186863915126.2/27

In: -1.744+/-0.000 χ^2/NDF :91384109428.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.716+/-0.000 χ^2/NDF : 186863915126.2

yield_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 148078.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 102333.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

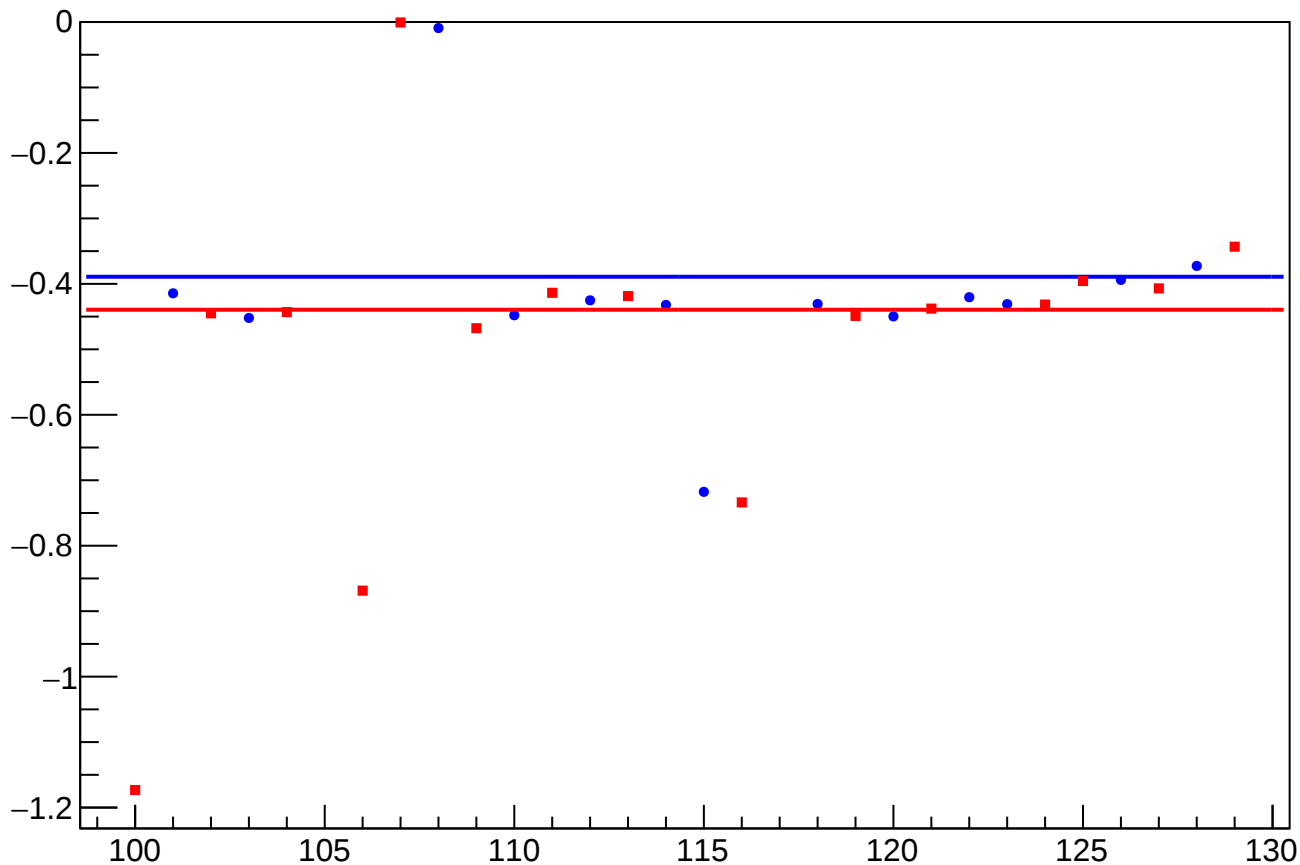
Right: 0.003+/-0.000 χ^2/NDF : 251932.1/27

In: 0.003+/-0.000 χ^2/NDF :148078.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 251932.1/27

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.389+/-0.000 χ^2/NDF : 658372644.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.440+/-0.000 χ^2/NDF : 1659079225.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

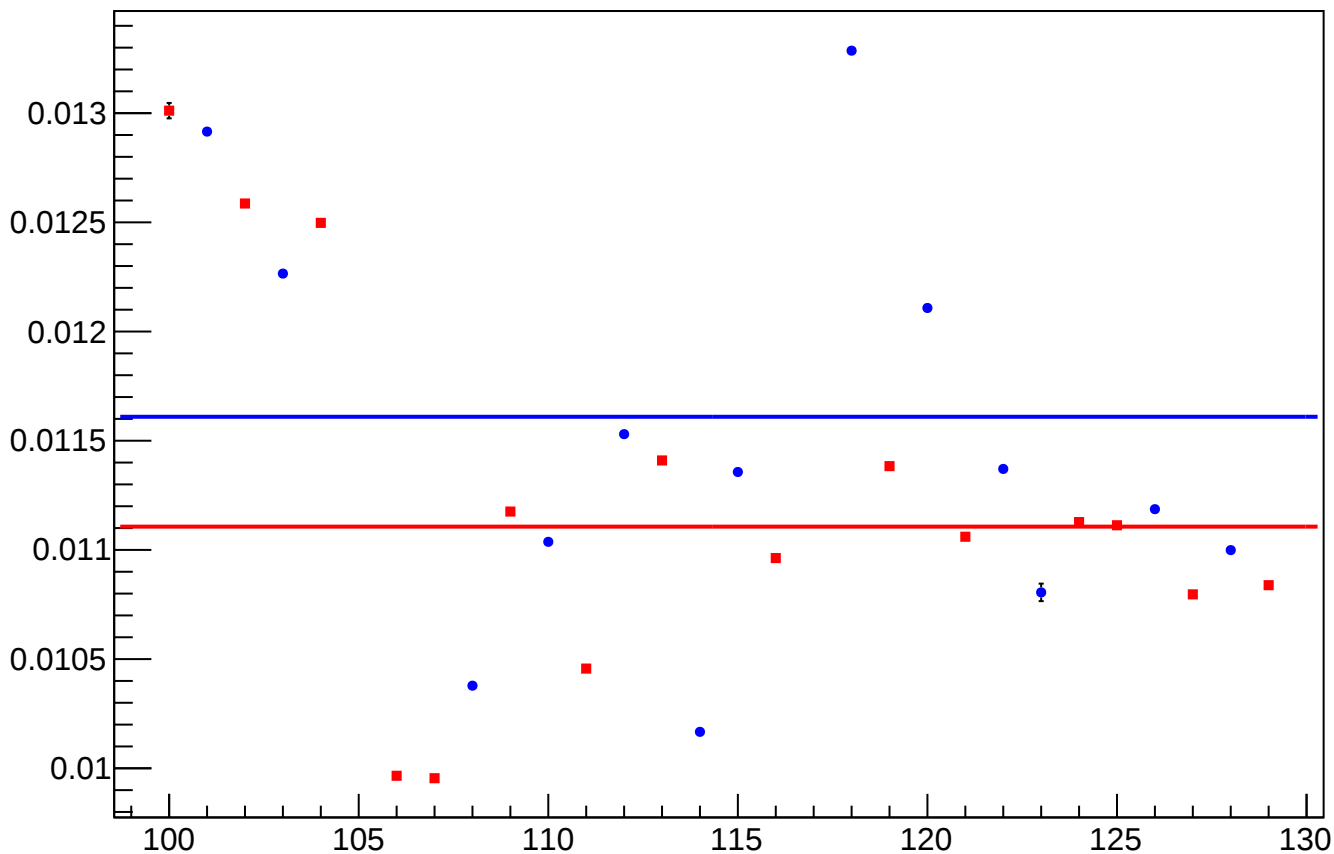
Right: -0.418+/-0.000 χ^2/NDF : 2366466633.0/27

In: -0.389+/-0.000 χ^2/NDF :658372644.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.418+/-0.000 χ^2/NDF : 2366466633.0/27

yield_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 52350.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 52340.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

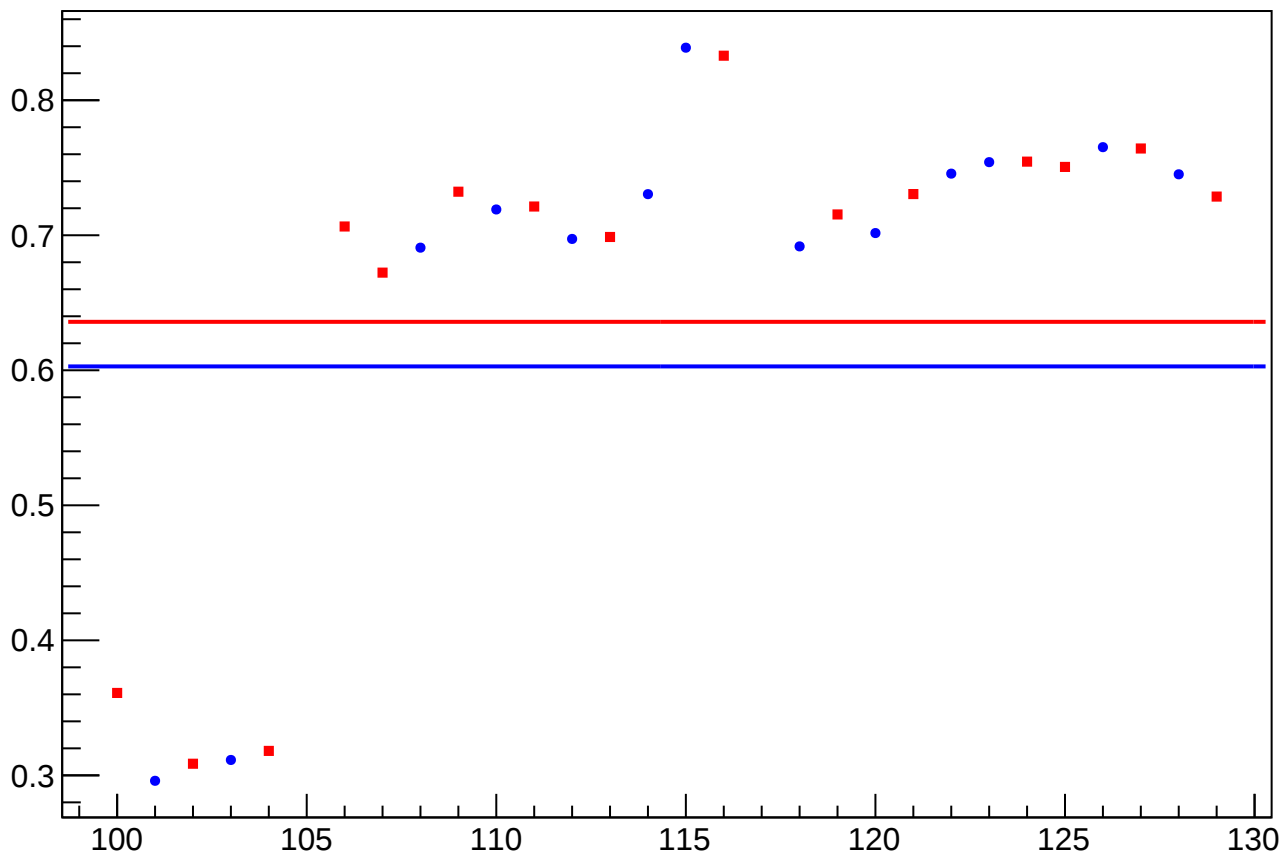
Right: 0.011+/-0.000 χ^2/NDF : 114461.7/27

In: 0.012+/-0.000 χ^2/NDF :52350.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 114461.7/27

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.603+/-0.000

χ^2/NDF : 25546462838.7/12

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.621+/-0.000 χ^2/NDF : 51185319703.3/27

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.603+/-0.000 χ^2/NDF : 25546462838.7/12

Right Out: 0.636+/-0.000

χ^2/NDF : 25246003108.0/14

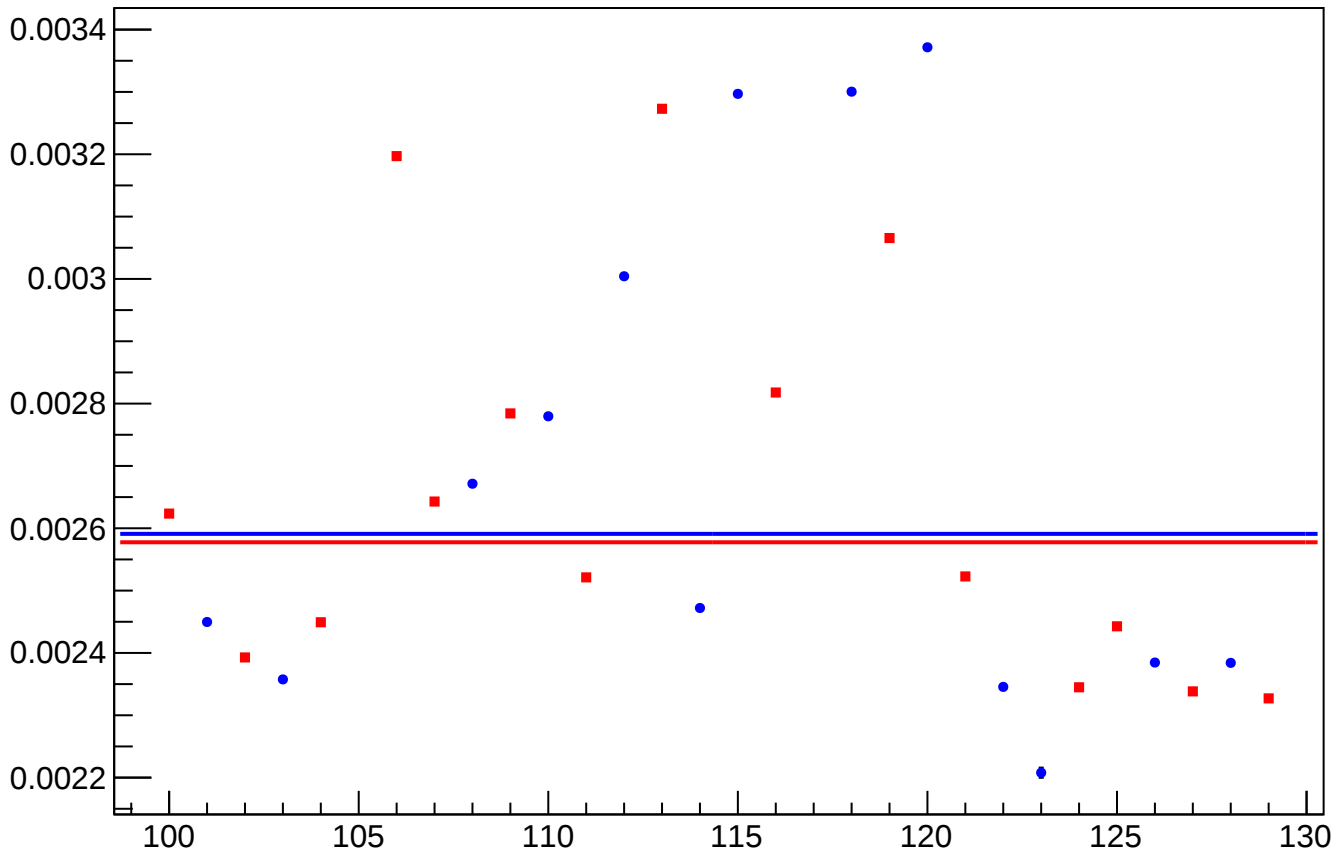
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.621+/-0.000 χ^2/NDF : 51185319703.3/27

yield_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 144426.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 117288.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

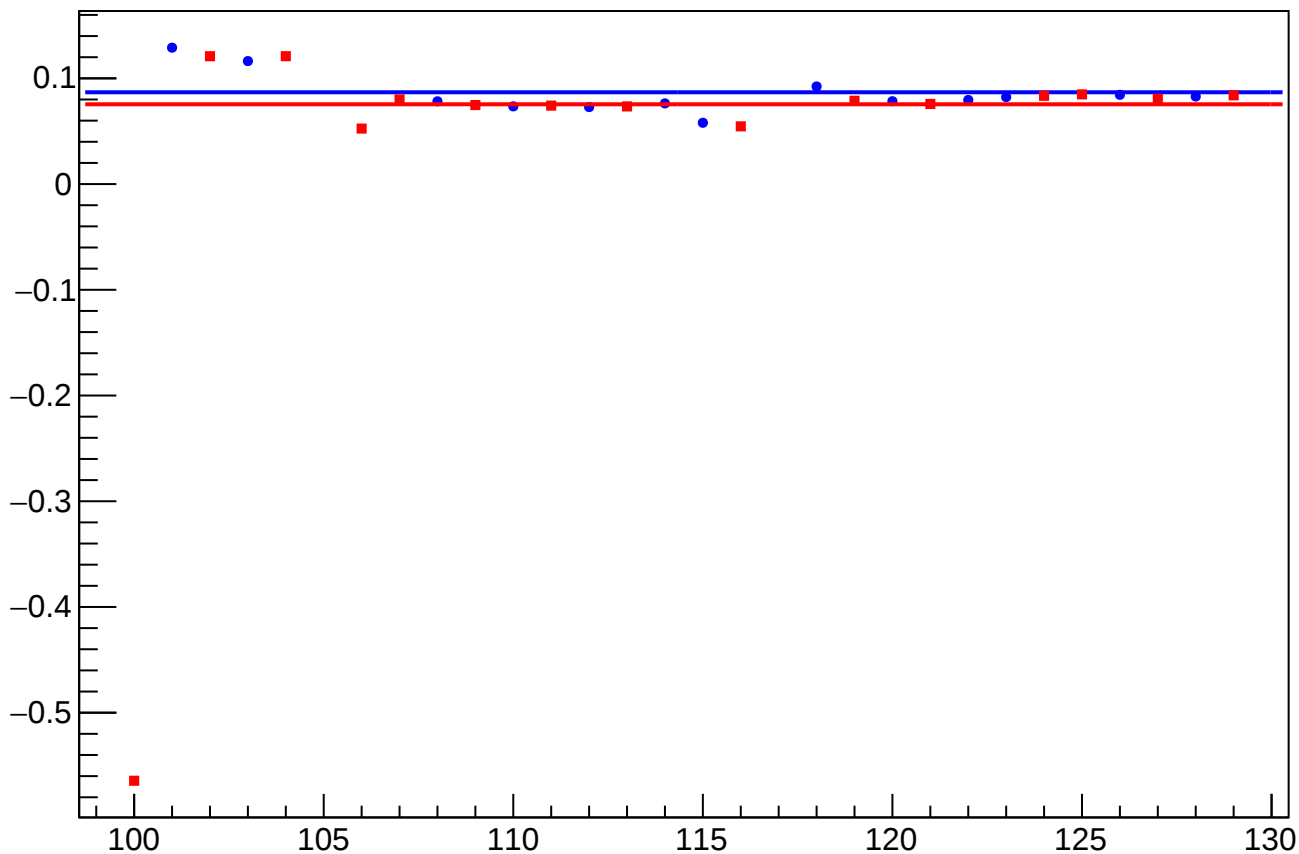
Right: 0.003+/-0.000 χ^2/NDF : 261846.5/27

In: 0.003+/-0.000 χ^2/NDF :144426.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 261846.5/27

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.087+/-0.000 χ^2/NDF : 14979729.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.075+/-0.000 χ^2/NDF : 221887852.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

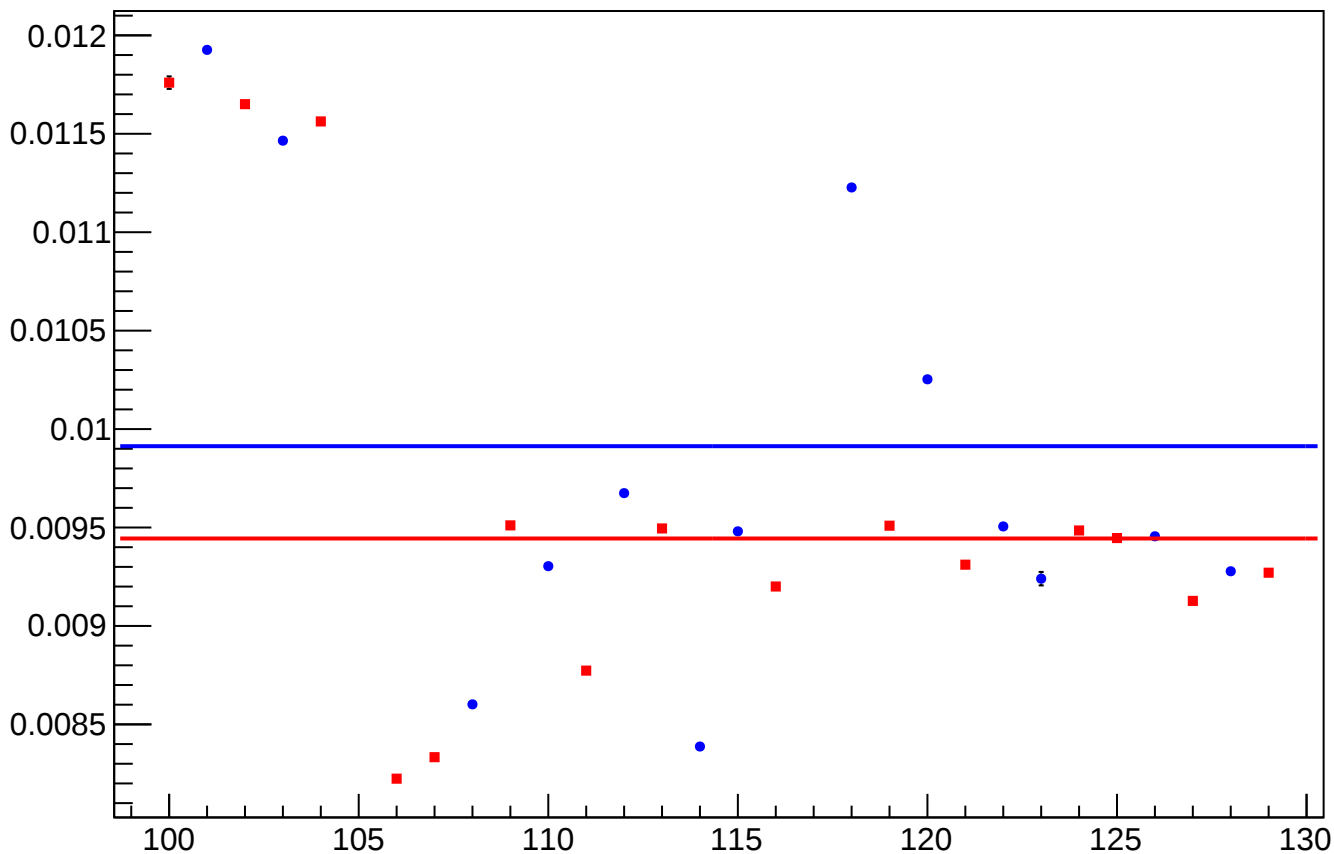
Right: 0.080+/-0.000 χ^2/NDF : 240284858.5/27

In: 0.087+/-0.000 χ^2/NDF :14979729.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.080+/-0.000 χ^2/NDF : 240284858.5/27

yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 102885.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 107799.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

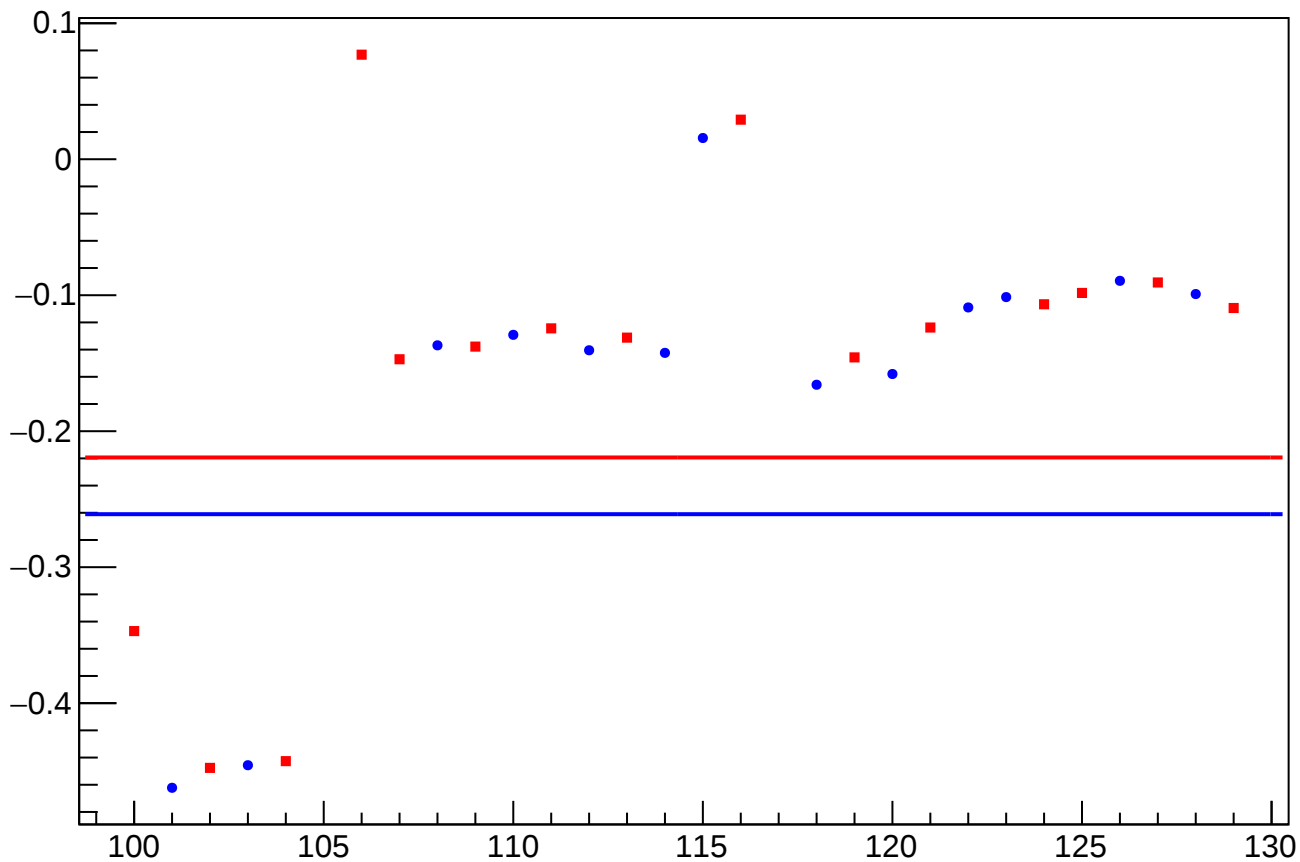
Right: 0.010+/-0.000 χ^2/NDF : 222295.6/27

In: 0.010+/-0.000 χ^2/NDF : 102885.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 222295.6/27

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.261+/-0.000 χ^2/NDF : 5821317870.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.219+/-0.000 χ^2/NDF : 6573977428.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

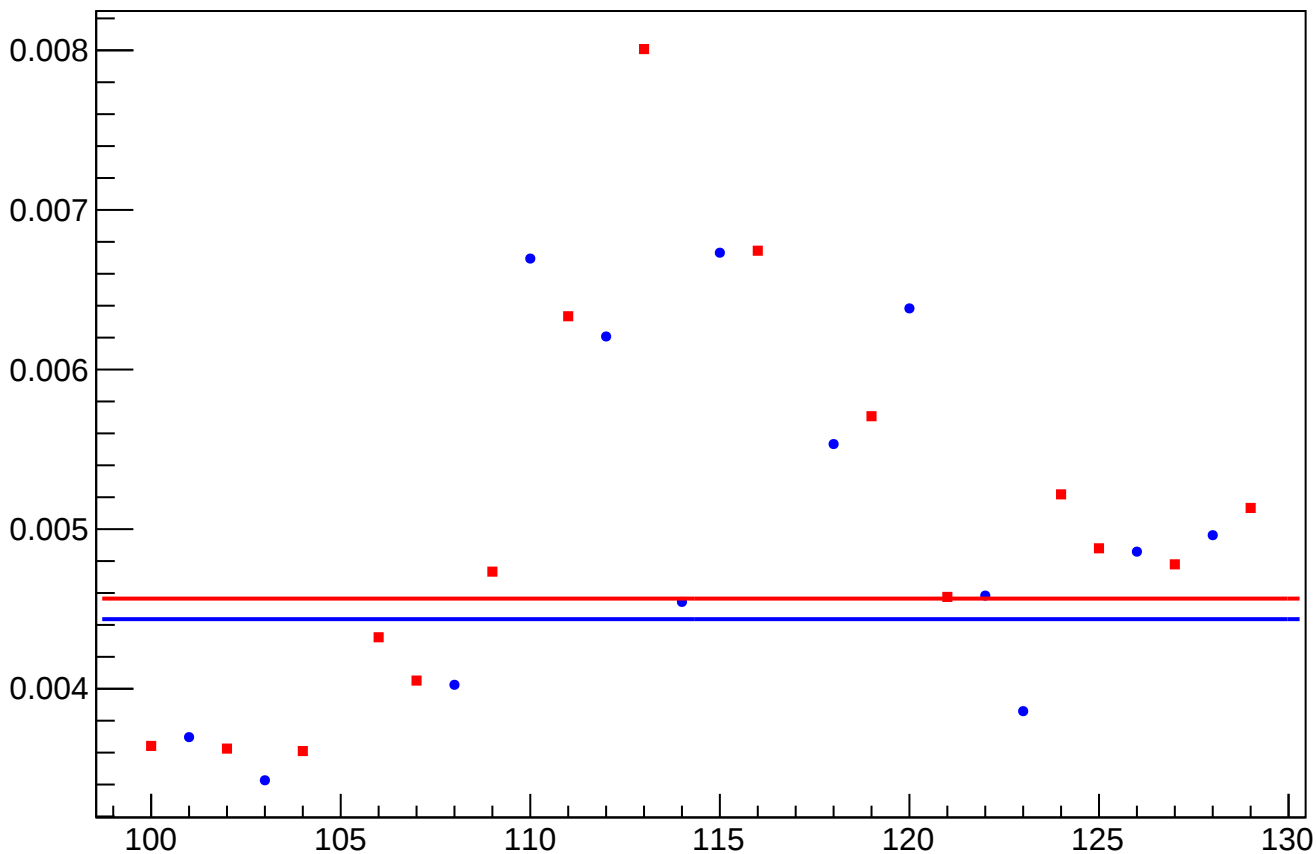
Right: -0.239+/-0.000 χ^2/NDF : 12591236585.6/27

In: -0.261+/-0.000 χ^2/NDF : 5821317870.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.239+/-0.000 χ^2/NDF : 12591236585.6/27

yield_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 425981.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 478724.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

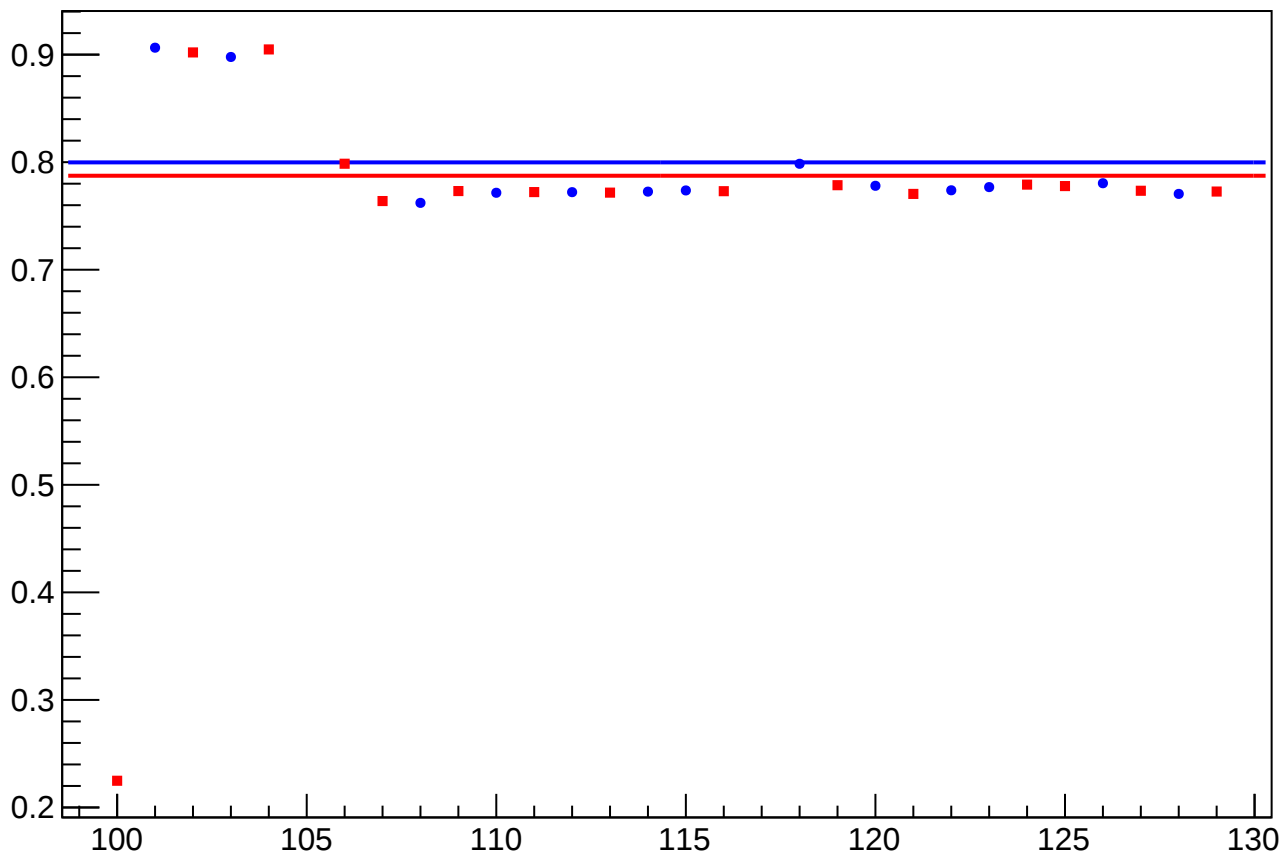
Right: 0.005+/-0.000 χ^2/NDF : 908445.8/27

In: 0.004+/-0.000 χ^2/NDF :425981.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 908445.8/27

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.800+/-0.000 χ^2/NDF : 96706134.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.787+/-0.000 χ^2/NDF : 240144168.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

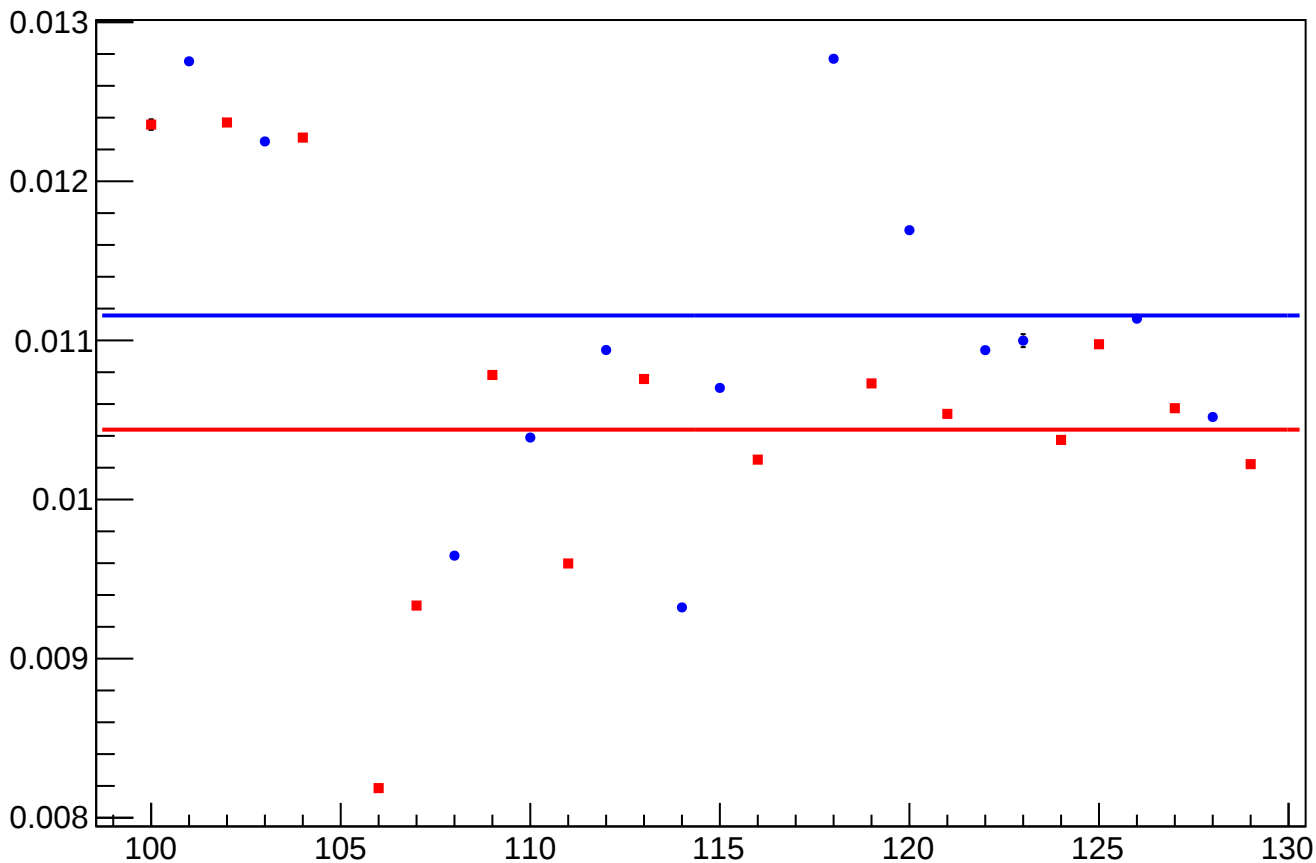
Right: 0.793+/-0.000 χ^2/NDF : 340114469.6/27

In: 0.800+/-0.000 χ^2/NDF : 96706134.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.793+/-0.000 χ^2/NDF : 340114469.6/27

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 77727.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 115972.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

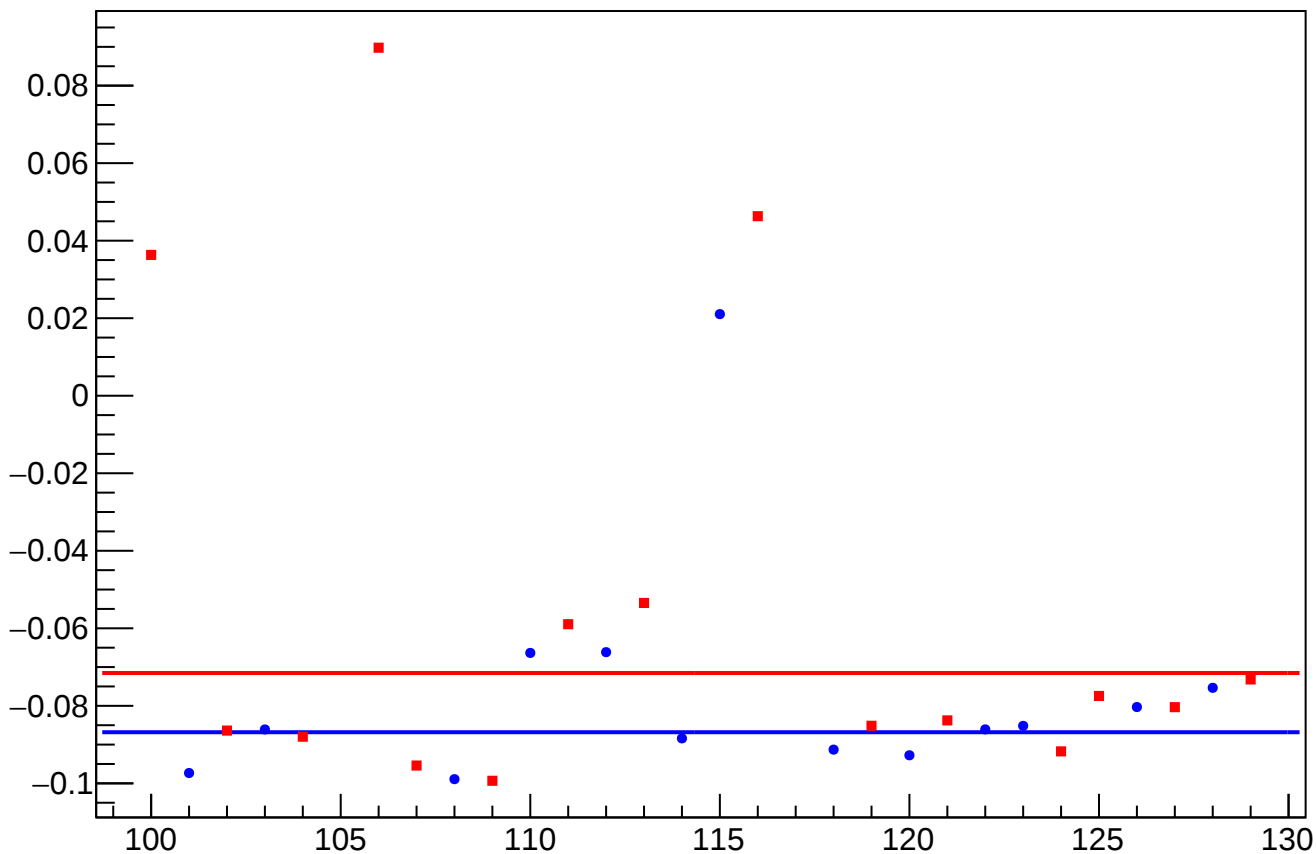
Right: 0.011+/-0.000 χ^2/NDF : 215500.9/27

In: 0.011+/-0.000 χ^2/NDF : 77727.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 215500.9/27

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -0.087+/-0.000 χ^2/NDF : 38243133.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.072+/-0.000 χ^2/NDF : 428635835.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

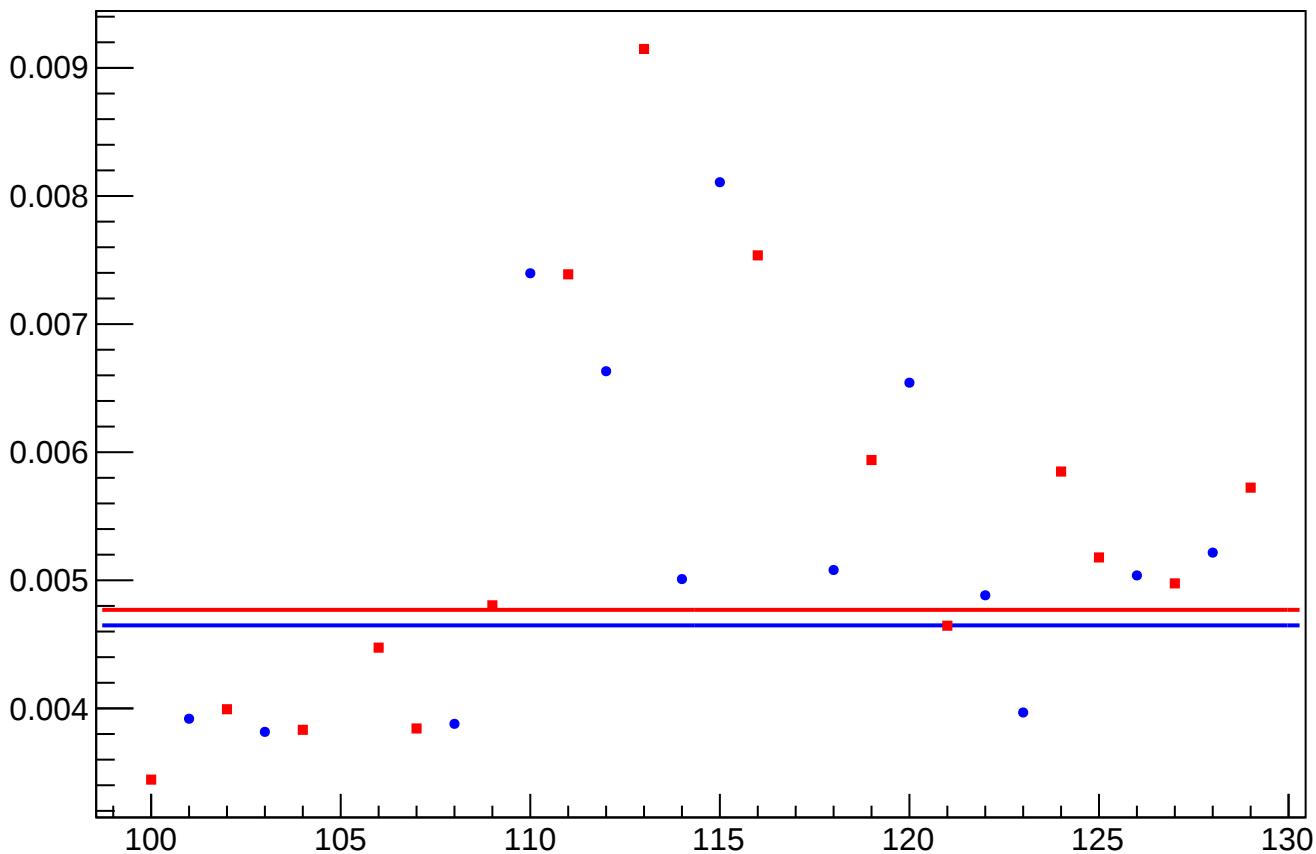
Right: -0.079+/-0.000 χ^2/NDF : 490112509.9/27

In: -0.087+/-0.000 χ^2/NDF :38243133.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.079+/-0.000 χ^2/NDF : 490112509.9/27

yield_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 392530.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 571689.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

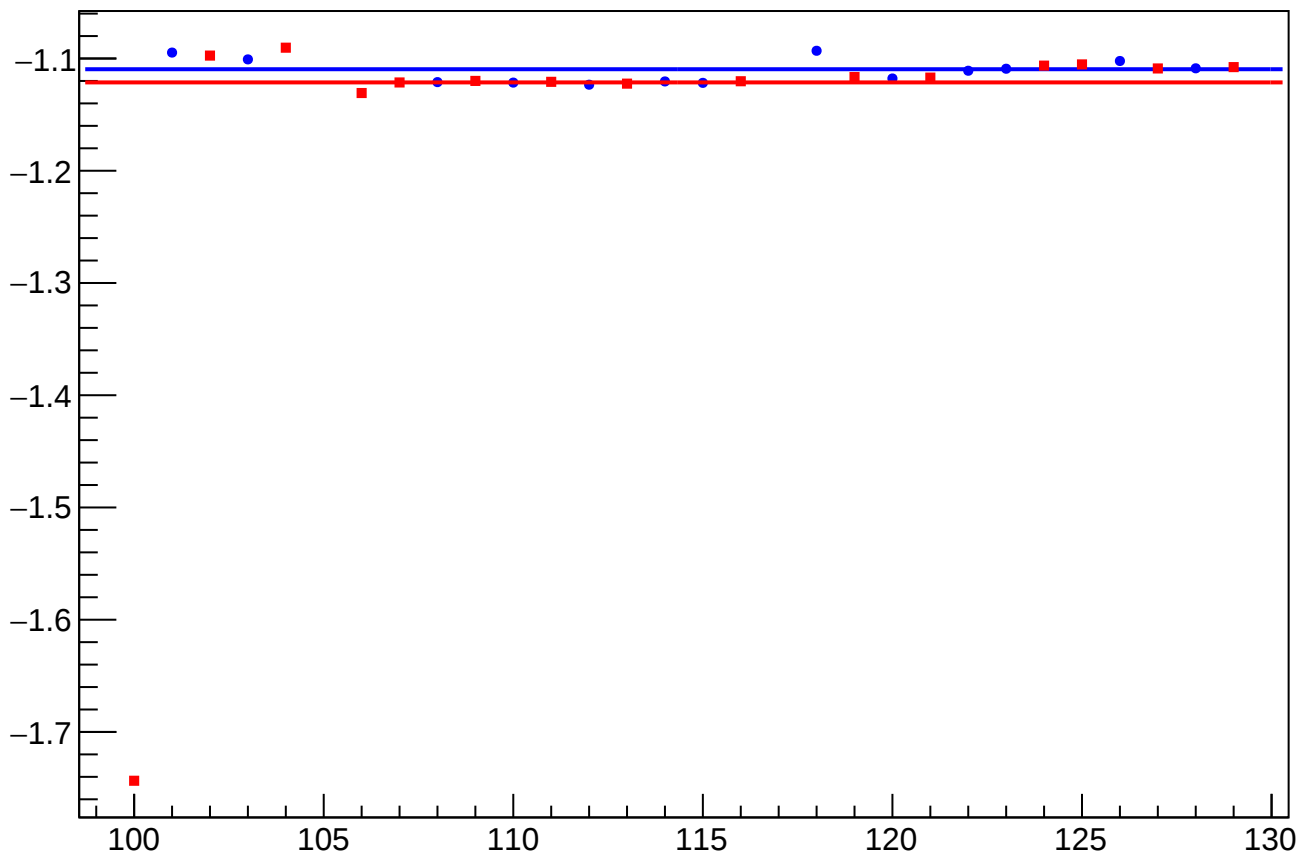
Right: 0.005+/-0.000 χ^2/NDF : 967143.9/27

In: 0.005+/-0.000 χ^2/NDF :392530.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 967143.9/27

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -1.110+/-0.000 χ^2/NDF : 3700393.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.121+/-0.000 χ^2/NDF : 207213306.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

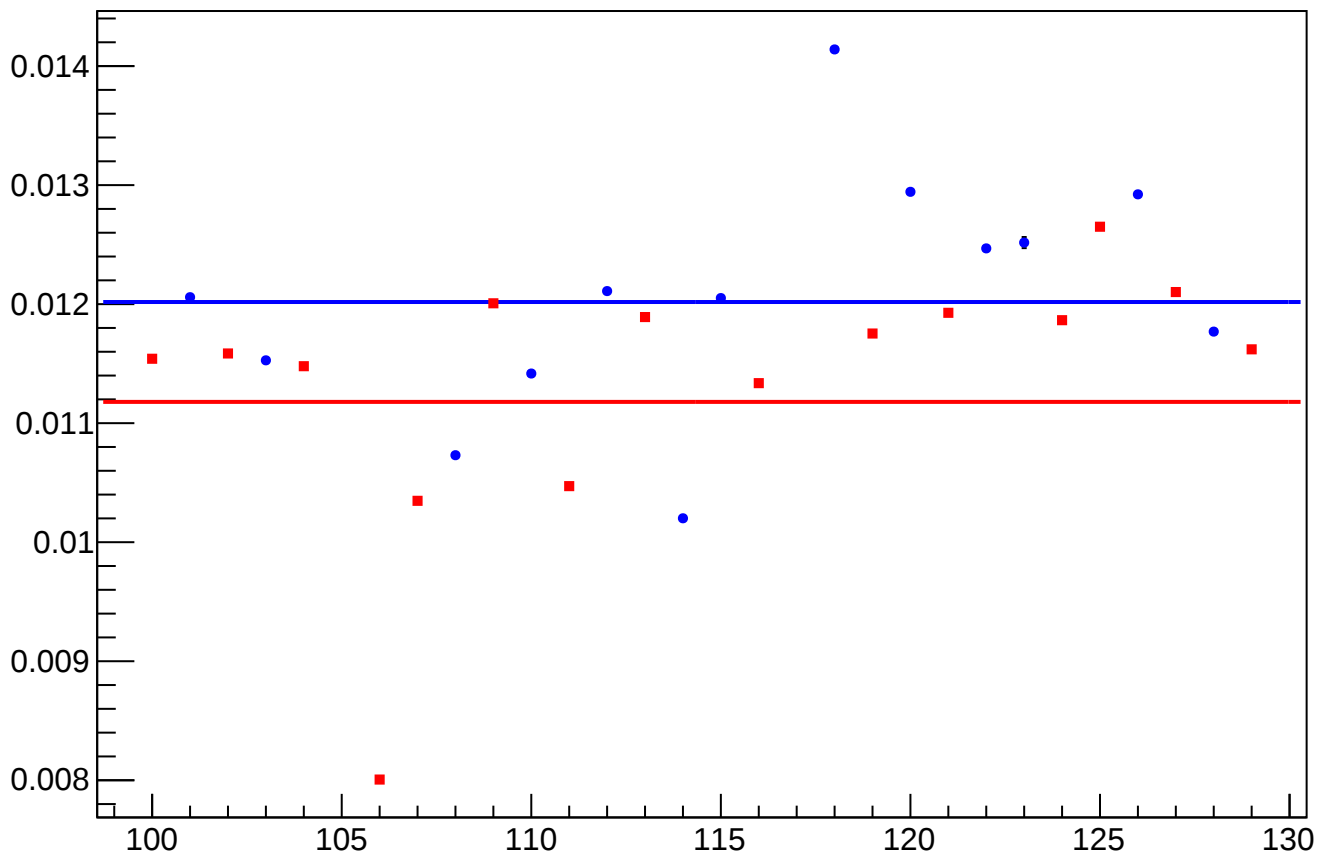
Right: -1.116+/-0.000 χ^2/NDF : 213439923.1/27

In: -1.110+/-0.000 χ^2/NDF : 3700393.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.116+/-0.000 χ^2/NDF : 213439923.1/27

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 50525.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 131746.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

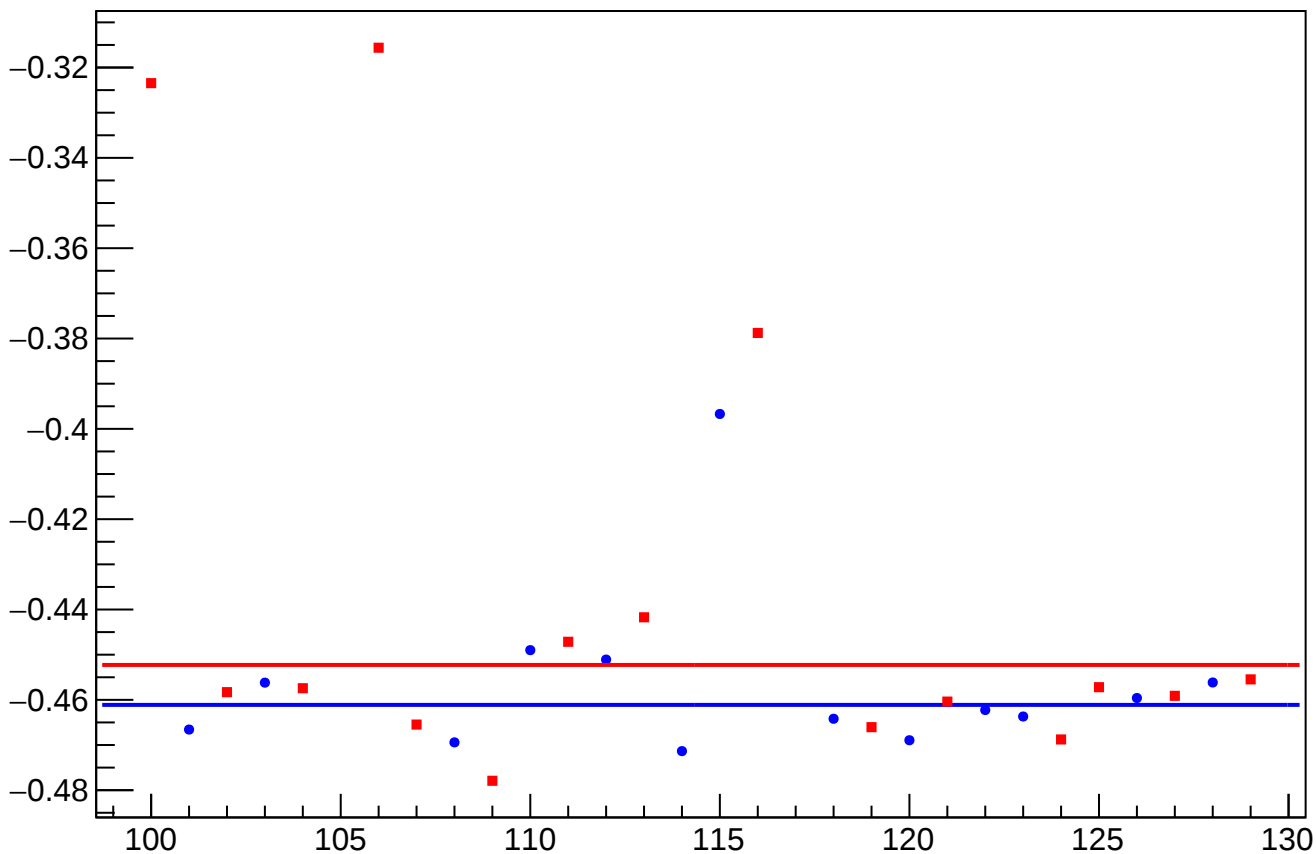
Right: 0.012+/-0.000 χ^2/NDF : 208033.6/27

In: 0.012+/-0.000 χ^2/NDF : 50525.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 208033.6/27

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.461+/-0.000 χ^2/NDF : 22159149.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.452+/-0.000 χ^2/NDF : 352653139.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

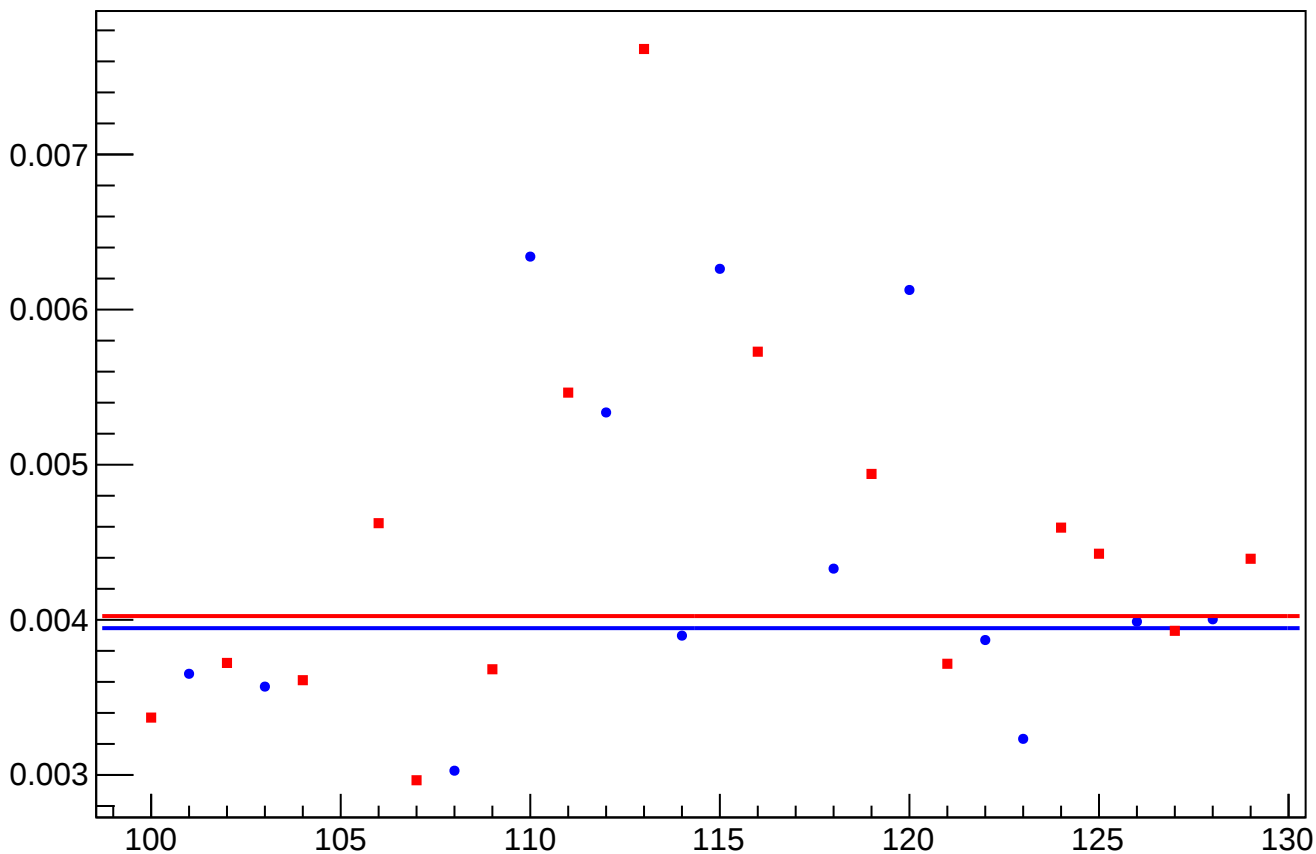
Right: -0.456+/-0.000 χ^2/NDF : 385663746.9/27

In: -0.461+/-0.000 χ^2/NDF :22159149.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.456+/-0.000 χ^2/NDF : 385663746.9/27

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 343632.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 453442.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

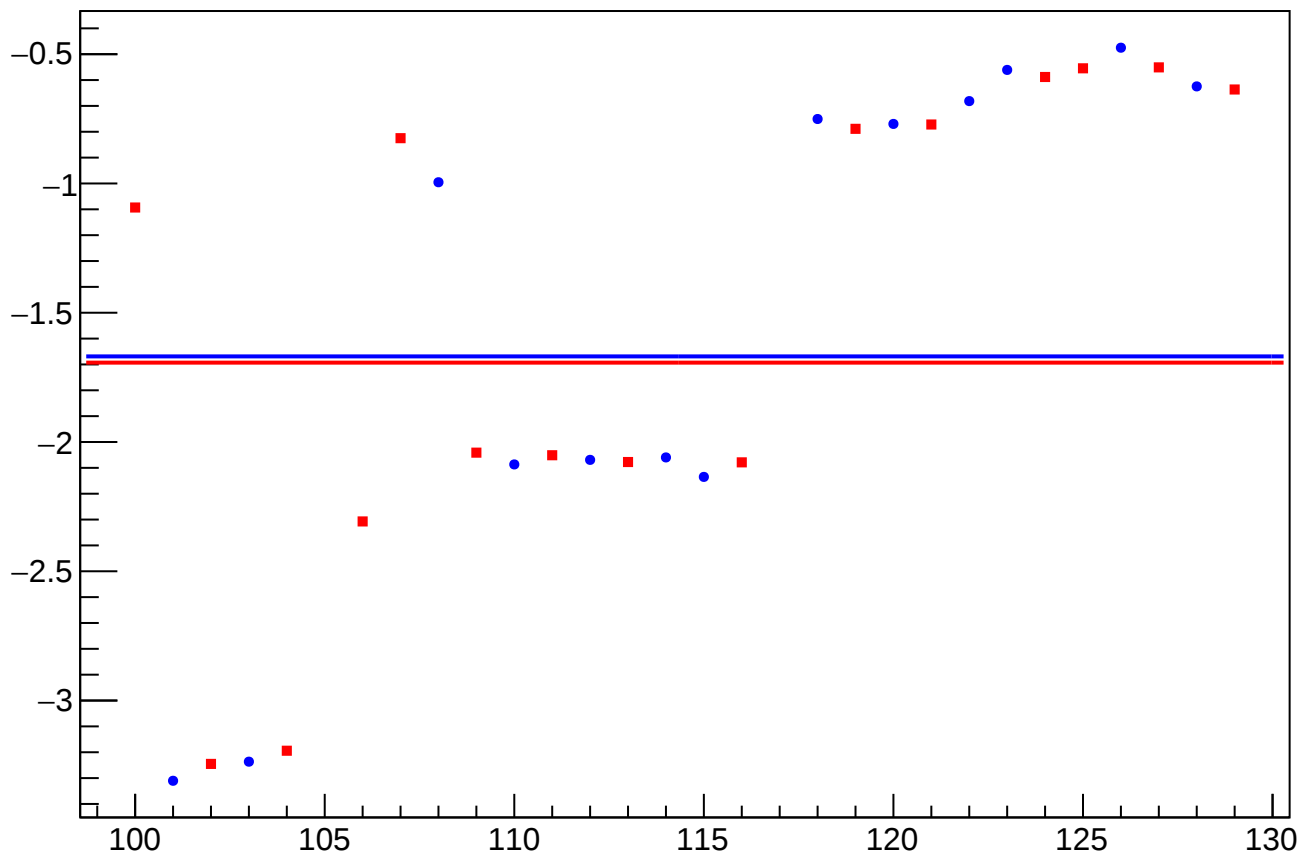
Right: 0.004+/-0.000 χ^2/NDF : 798756.4/27

In: 0.004+/-0.000 χ^2/NDF : 343632.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 798756.4/27

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -1.669+/-0.000 χ^2/NDF : 1056669556.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.693+/-0.000 χ^2/NDF : 999246601.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

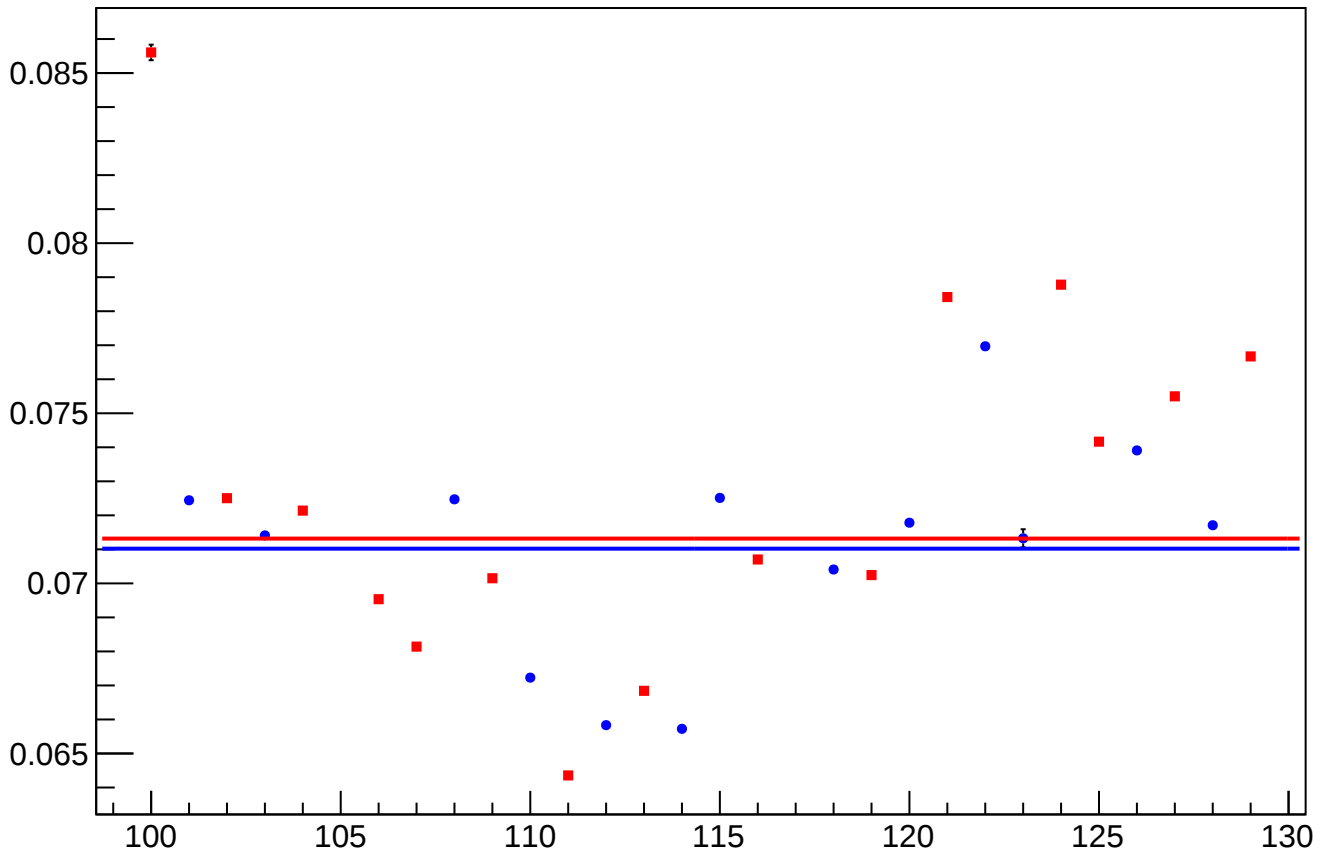
Right: -1.682+/-0.000 χ^2/NDF : 2056208668.3/27

In: -1.669+/-0.000 χ^2/NDF :1056669556.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.682+/-0.000 χ^2/NDF : 2056208668.3/27

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.071+/-0.000 χ^2/NDF : 16642.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.071+/-0.000 χ^2/NDF : 36921.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

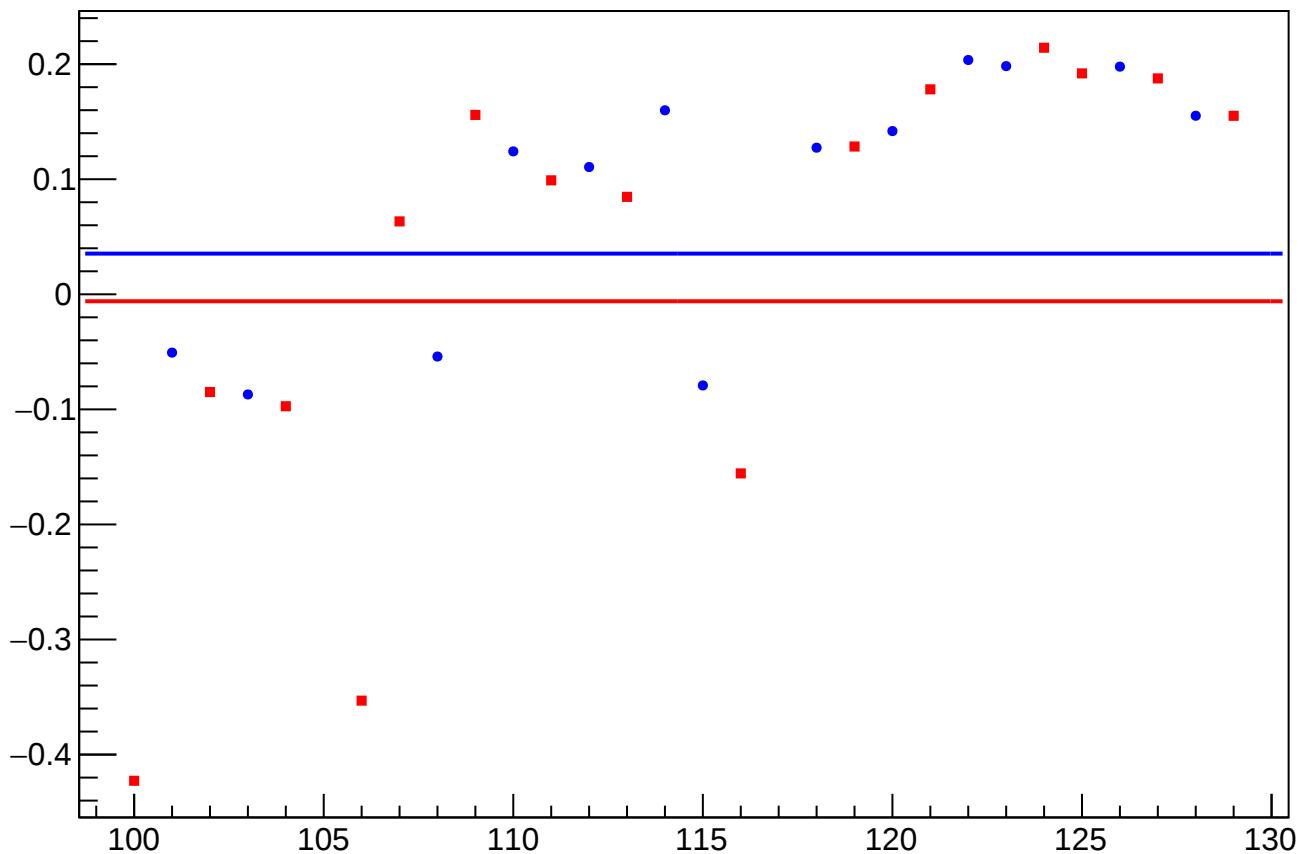
Right: 0.071+/-0.000 χ^2/NDF : 53651.9/27

In: 0.071+/-0.000 χ^2/NDF : 16642.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.071+/-0.000 χ^2/NDF : 53651.9/27

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.000 χ^2/NDF : 397161660.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.006+/-0.000 χ^2/NDF : 1142588061.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

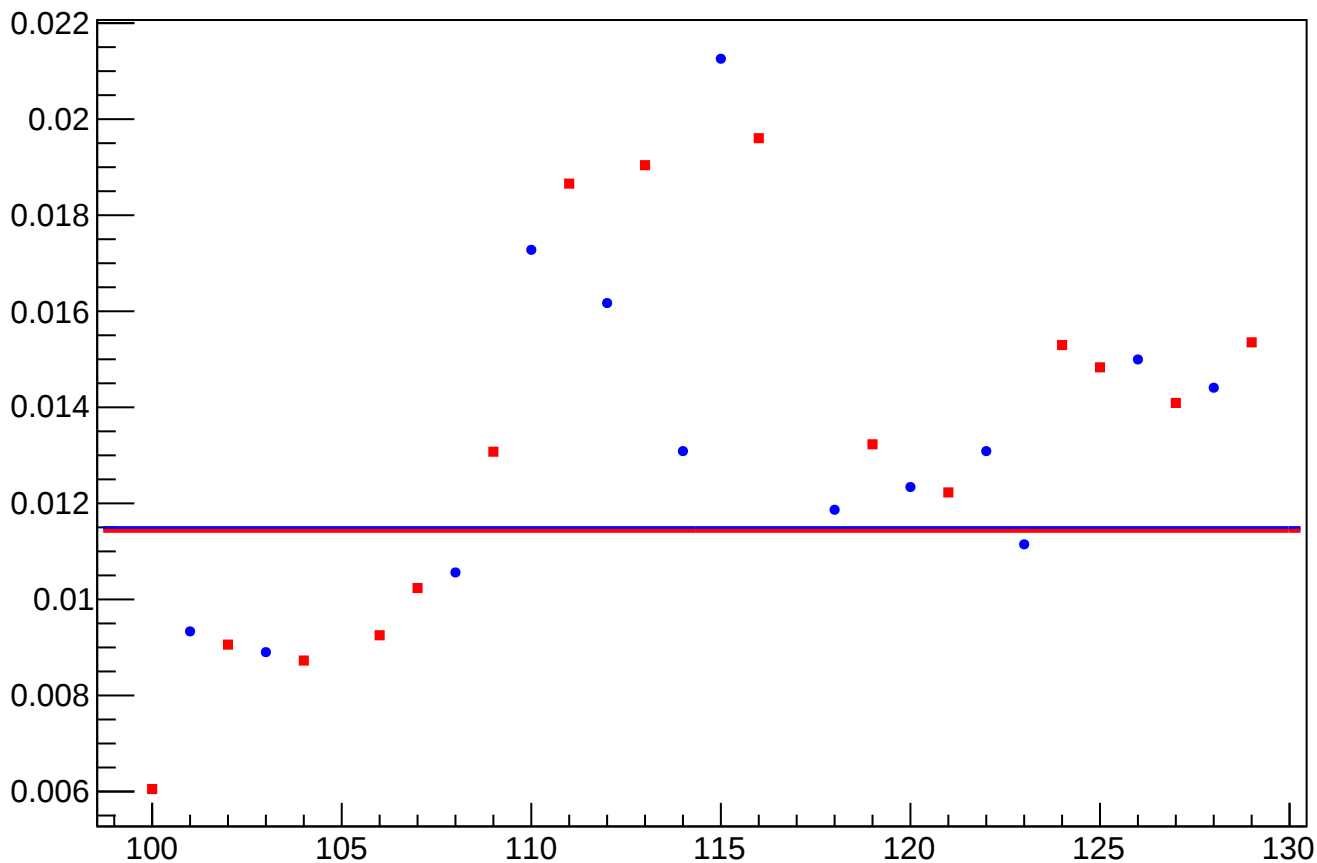
Right: 0.013+/-0.000 χ^2/NDF : 1568613982.0/27

In: 0.035+/-0.000 χ^2/NDF :397161660.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.013+/-0.000 χ^2/NDF : 1568613982.0/27

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 437506.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 788432.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

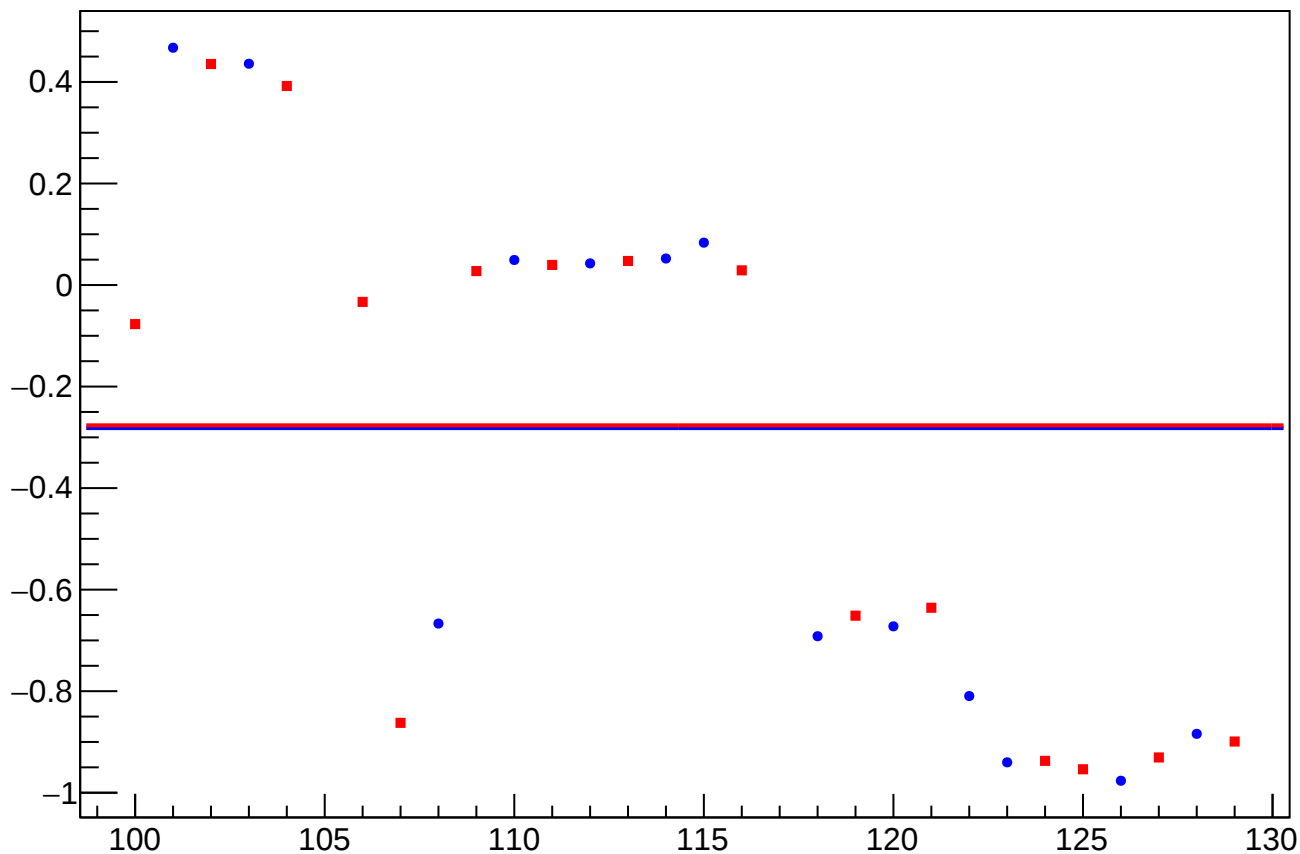
Right: 0.011+/-0.000 χ^2/NDF : 1226047.0/27

In: 0.011+/-0.000 χ^2/NDF :437506.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 1226047.0/27

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: -0.282+/-0.000 χ^2/NDF : 180459648.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.276+/-0.000 χ^2/NDF : 186647463.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

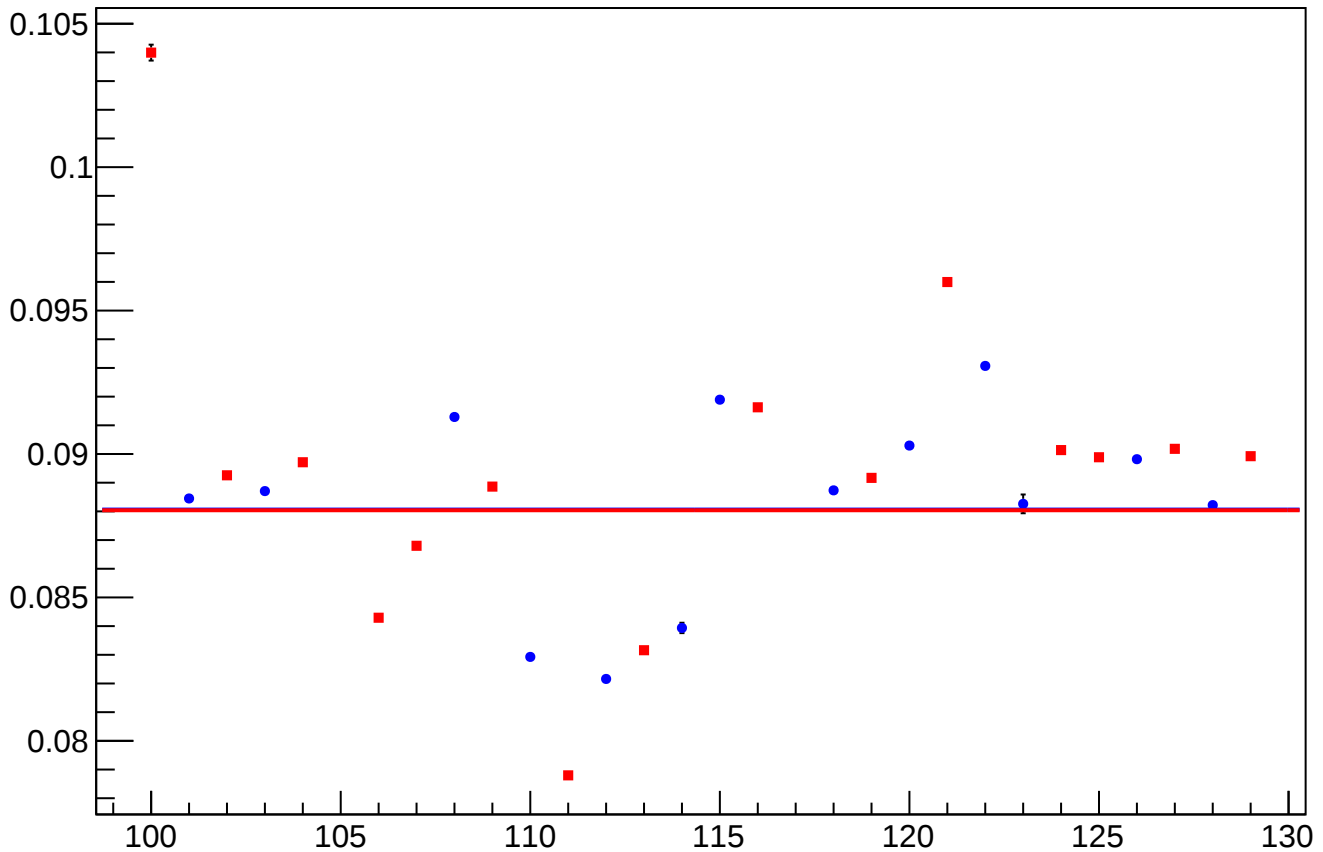
Right: -0.279+/-0.000 χ^2/NDF : 367116934.9/27

In: -0.282+/-0.000 χ^2/NDF :180459648.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.279+/-0.000 χ^2/NDF : 367116934.9/27

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.088+/-0.000 χ^2/NDF : 12777.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.088+/-0.000 χ^2/NDF : 27680.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

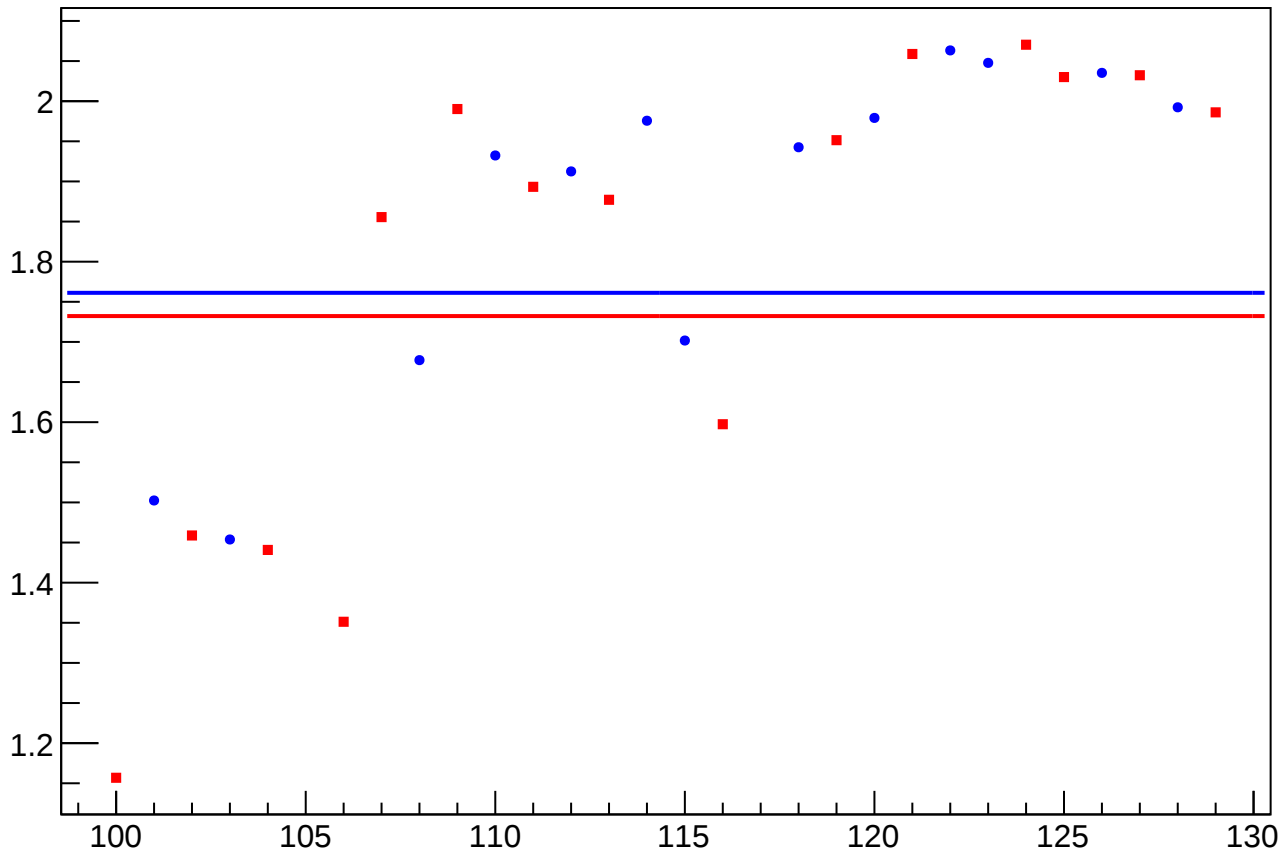
Right: 0.088+/-0.000 χ^2/NDF : 40458.5/27

In: 0.088+/-0.000 χ^2/NDF : 12777.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.088+/-0.000 χ^2/NDF : 40458.5/27

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.761+/-0.000 χ^2/NDF : 987183370.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.732+/-0.000 χ^2/NDF : 1548462334.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

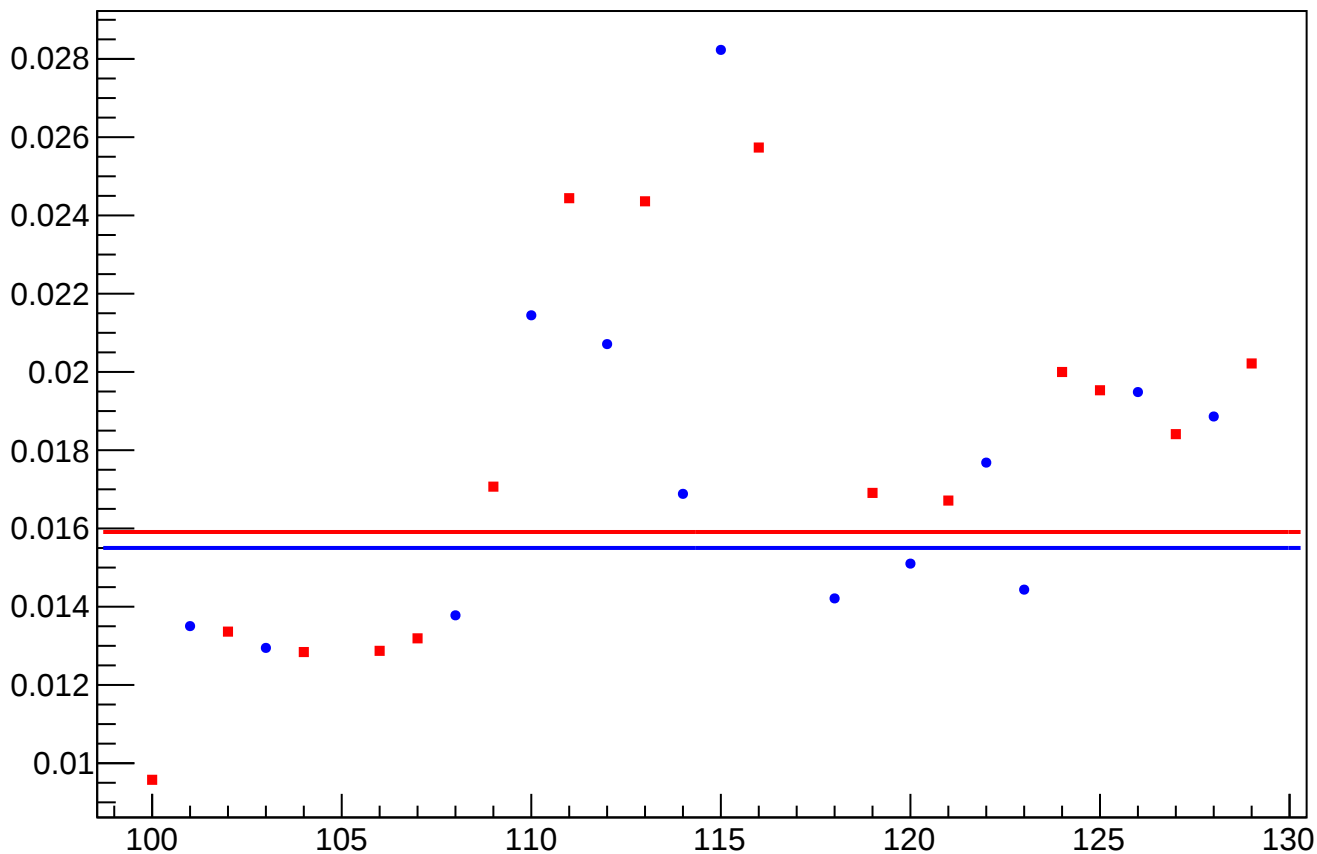
Right: 1.746+/-0.000 χ^2/NDF : 2543328575.5/27

In: 1.761+/-0.000 χ^2/NDF : 987183370.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.746+/-0.000 χ^2/NDF : 2543328575.5/27

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 302847.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 550612.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

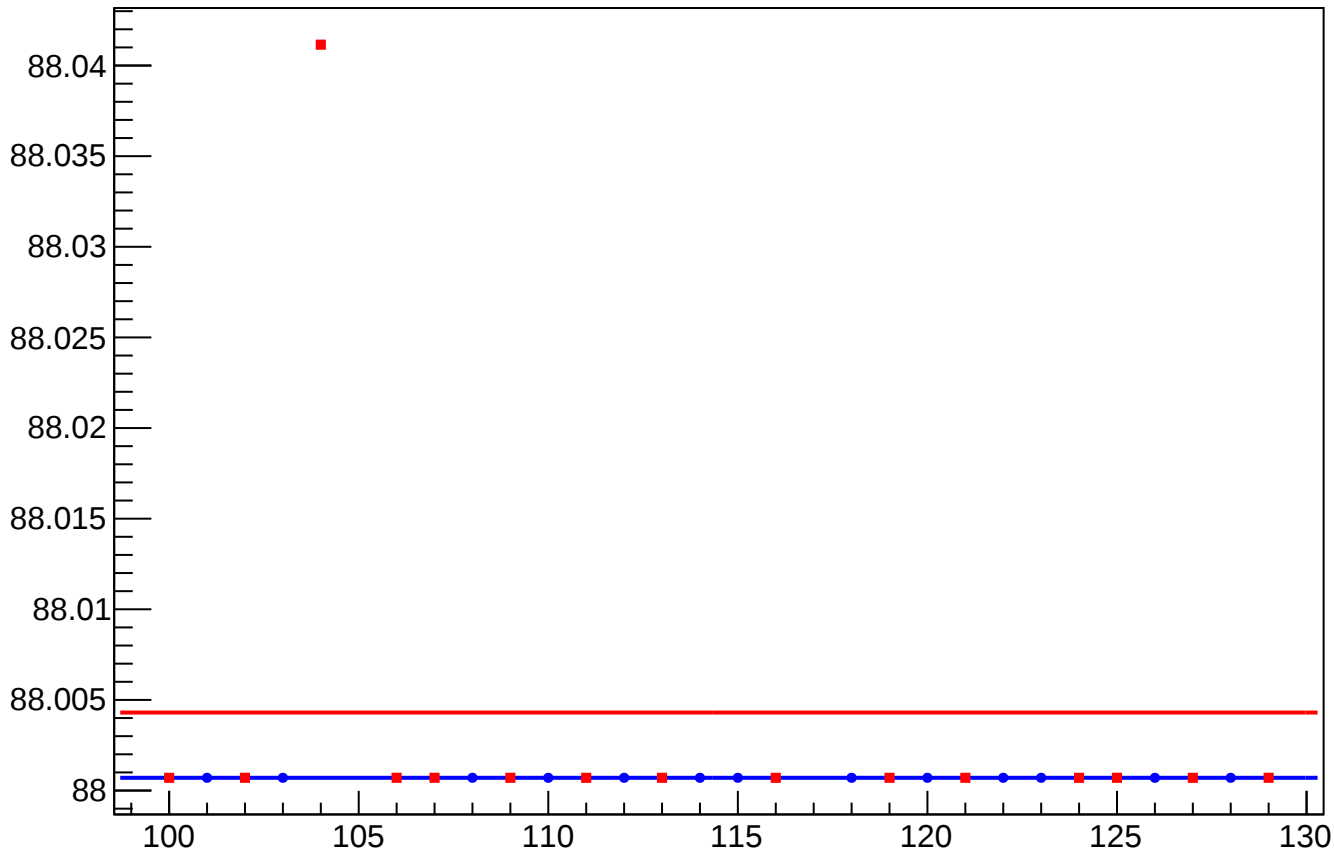
Right: 0.016+/-0.000 χ^2/NDF : 856505.6/27

In: 0.016+/-0.000 χ^2/NDF :302847.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.016+/-0.000 χ^2/NDF : 856505.6/27

epics_VWienAngles_mean vs Slug, Sign Corrected



Right In: 88.001+/-0.000 χ^2/NDF : 1284391.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.004+/-0.000 χ^2/NDF : 76013260101773128210187288576.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

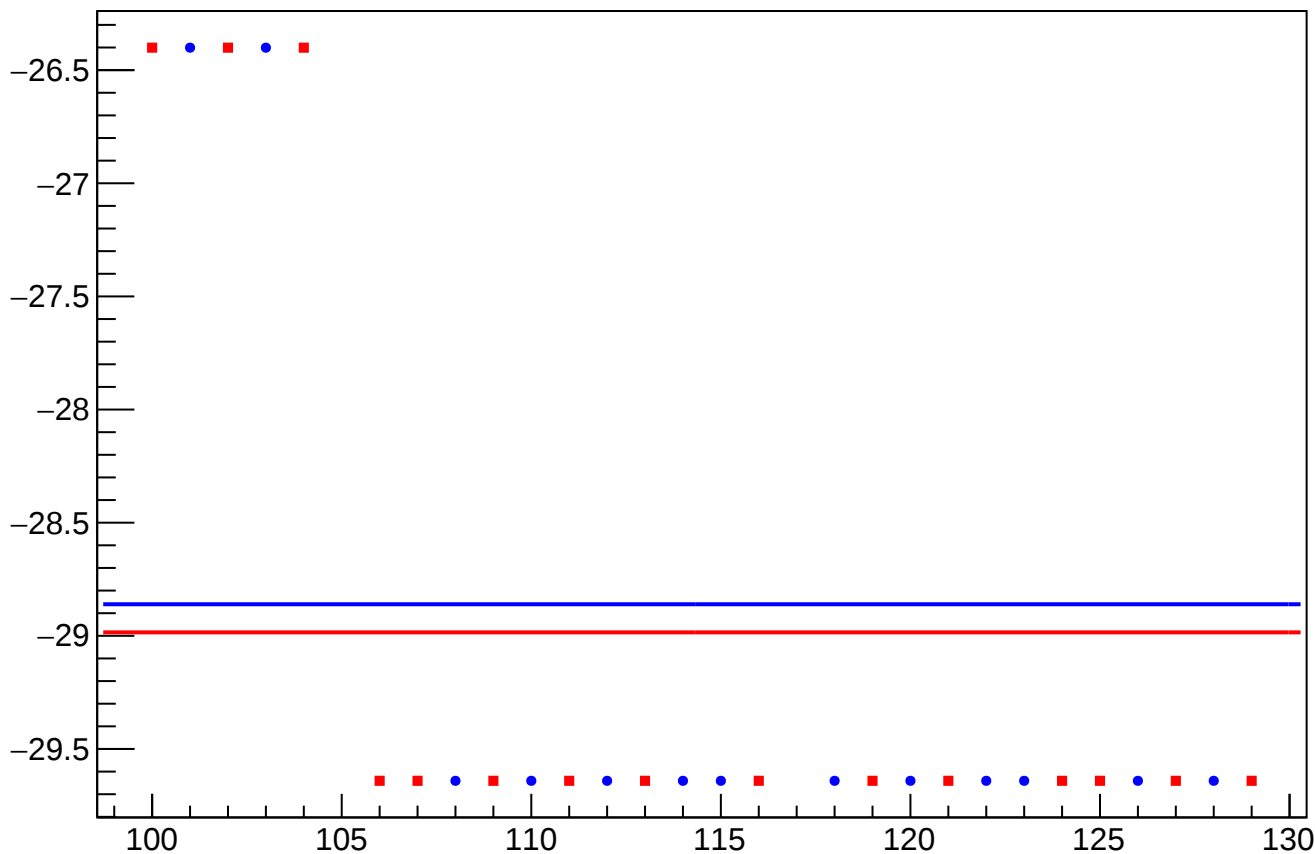
Right: 88.003+/-0.000 χ^2/NDF : 7943661439429194

In: 88.001+/-0.000 χ^2/NDF : 1284391.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

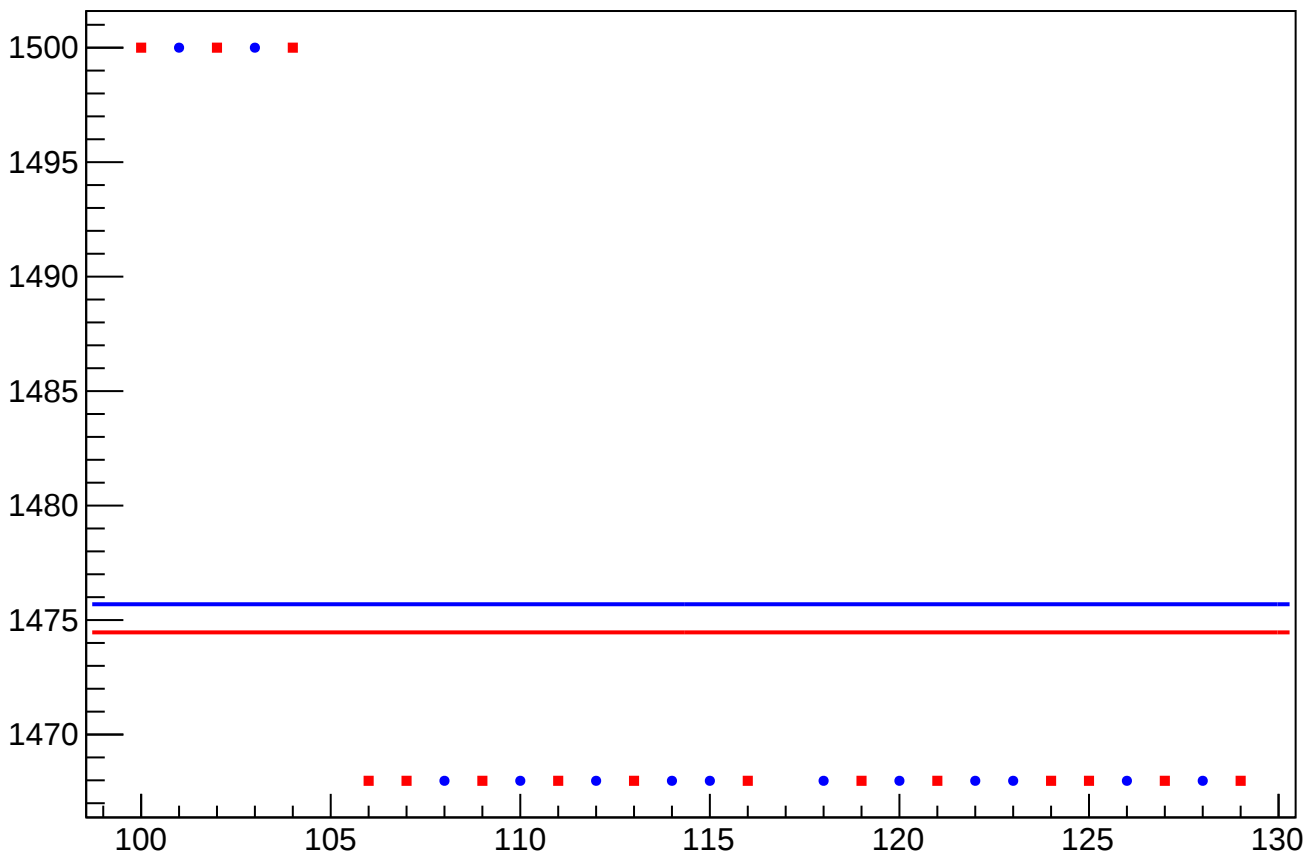
All: 88.003+/-0.000 χ^2/NDF : 7943661439429

epics_HWienAngles_mean vs Slug, Sign Corrected



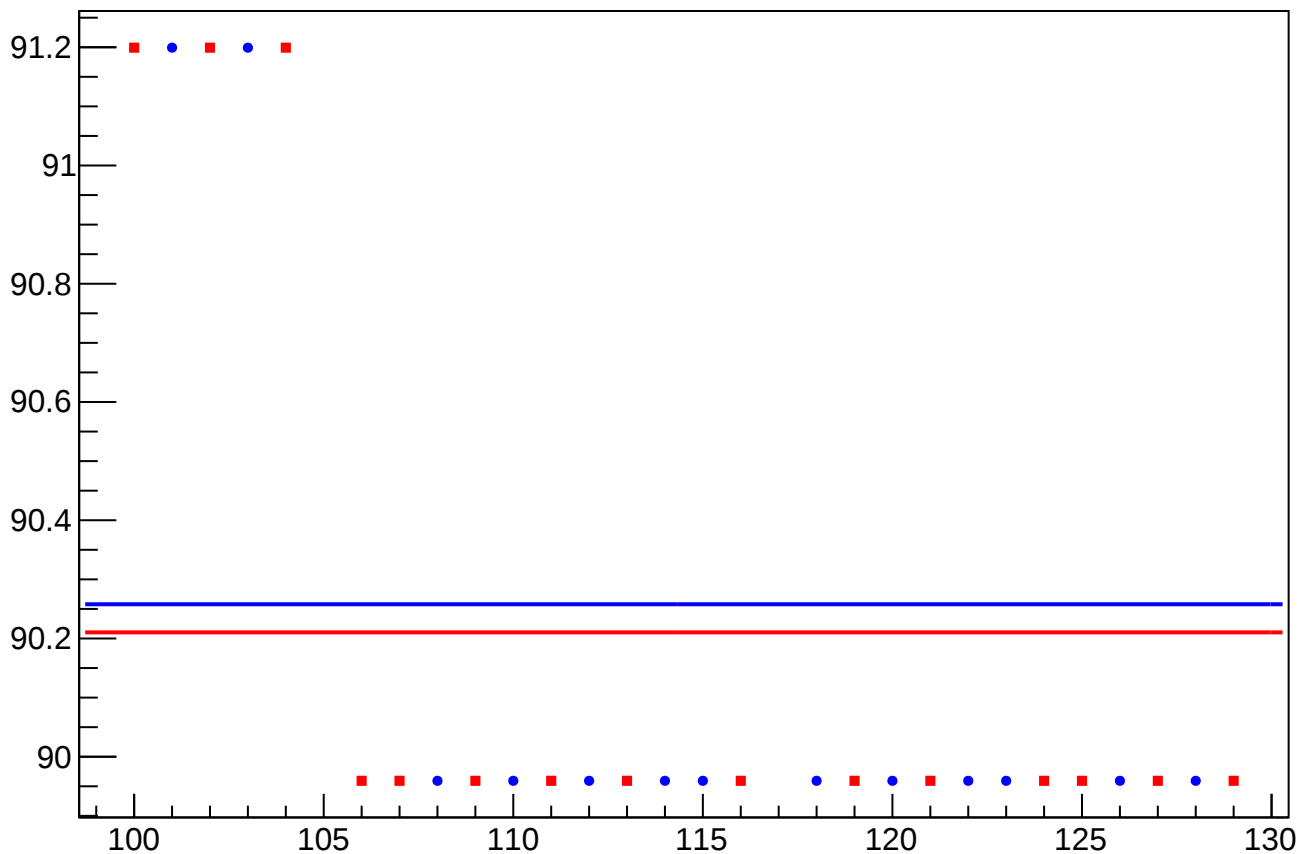
Right In: -28.860+/-0.000 χ^2/NDF : 940413570612261762667789697417216.0/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -28.985+/-0.000 χ^2/NDF : 971202043979065137937265354342400.0/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -28.927+/-0.000 χ^2/NDF : 191569843236126

epics_psub_pl_poss_mean vs Slug, Sign Corrected



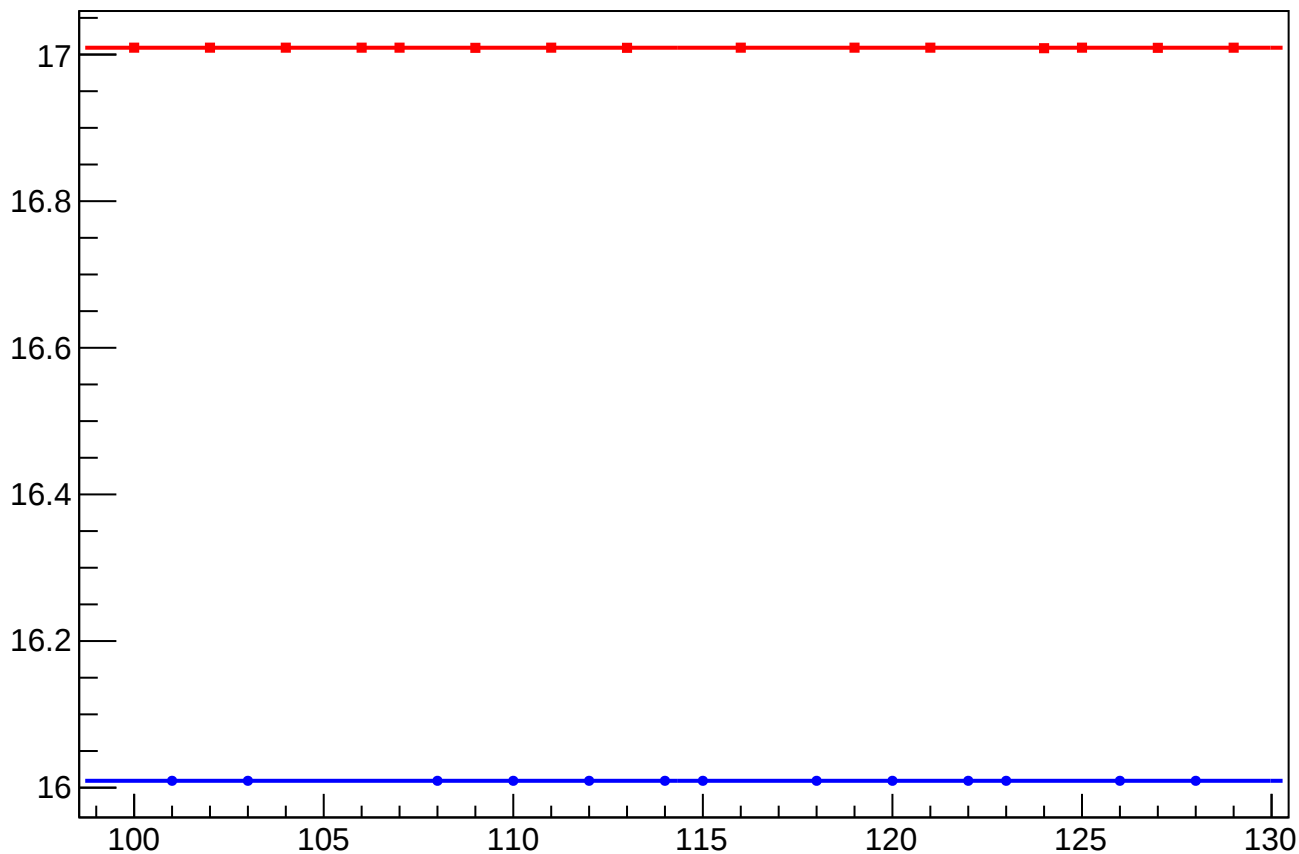
Right In: 1475.691+/-0.000 χ^2/NDF : 91856452315001177759006348527271936.0/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 1474.462+/-0.000 χ^2/NDF : 94863767419814171236532516040998912.0/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1475.028+/-0.000 χ^2/NDF : 18711901571938.0/12

epics_Phi_FGs_mean vs Slug, Sign Corrected



Right In: 90.258+/-0.000 χ^2/NDF : 137743856326554192695504404480000.0/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 90.210+/-0.000 χ^2/NDF : 142253492495665500419518147592192.0/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 90.258+/-0.000 χ^2/NDF : 137743856326554192695504404480000.0/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 90.232+/-0.000 χ^2/NDF : 2805953655691957

epics_IGL1I00DI24_24Ms_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2/NDF : 32816.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.009+/-0.000 χ^2/NDF : 10076031449148727624728576.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

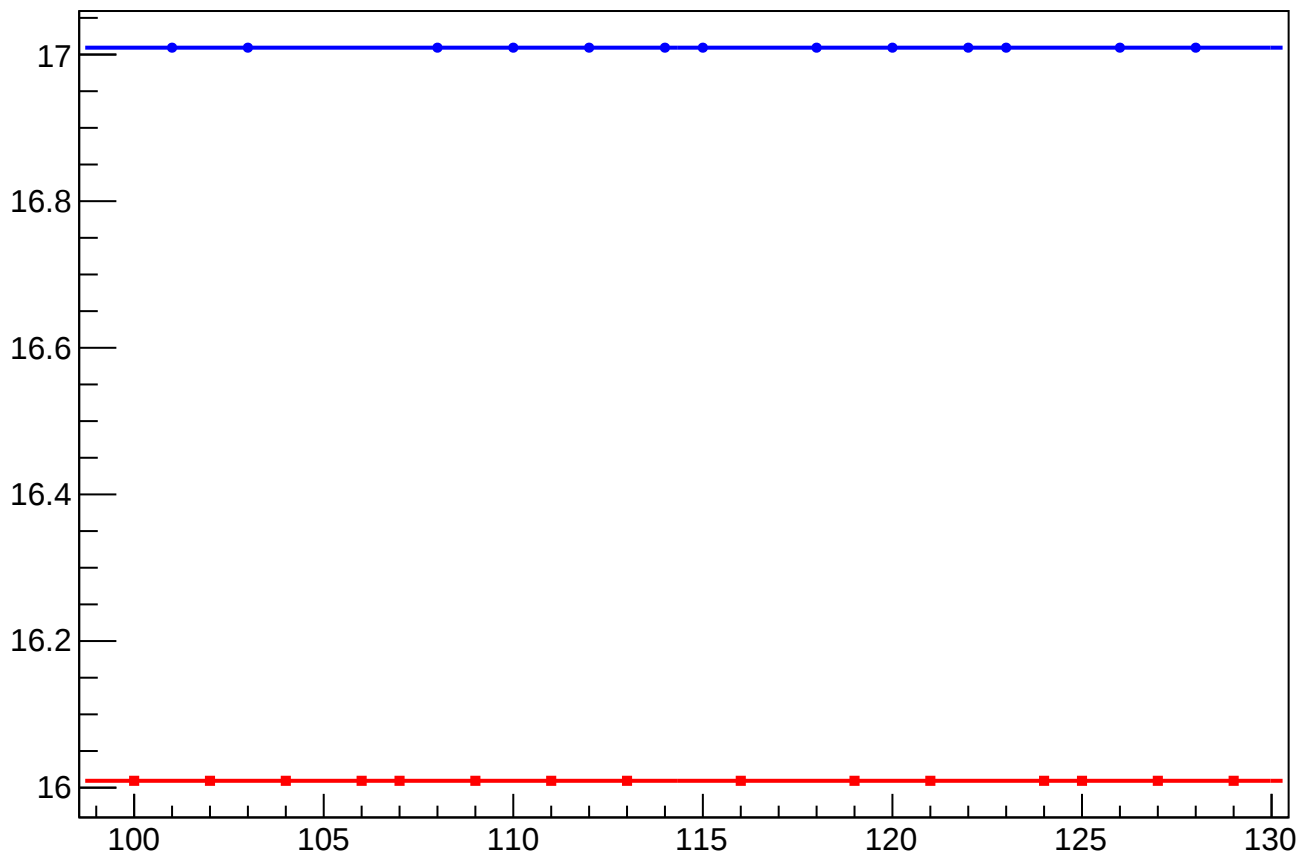
Right: 16.528+/-0.000 χ^2/NDF : 2508718398446950

In: 16.009+/-0.000 χ^2/NDF : 32816.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.528+/-0.000 χ^2/NDF : 2508718398446

epics_IGL1I00OD16_16s_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2/NDF : 30683.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.009+/-0.000 χ^2/NDF : 18819.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

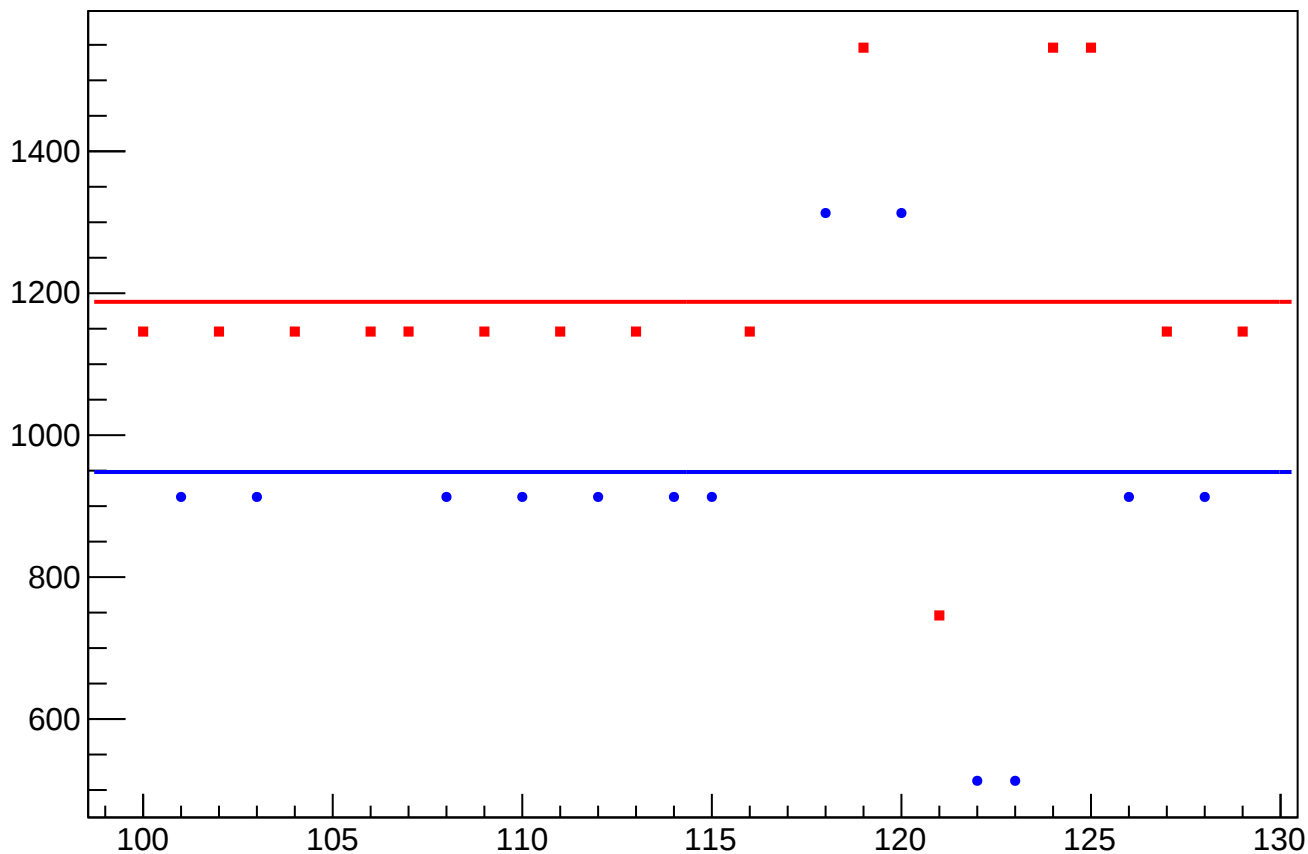
Right: 16.457+/-0.000 χ^2/NDF : 2531523437499909

In: 17.009+/-0.000 χ^2/NDF : 30683.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

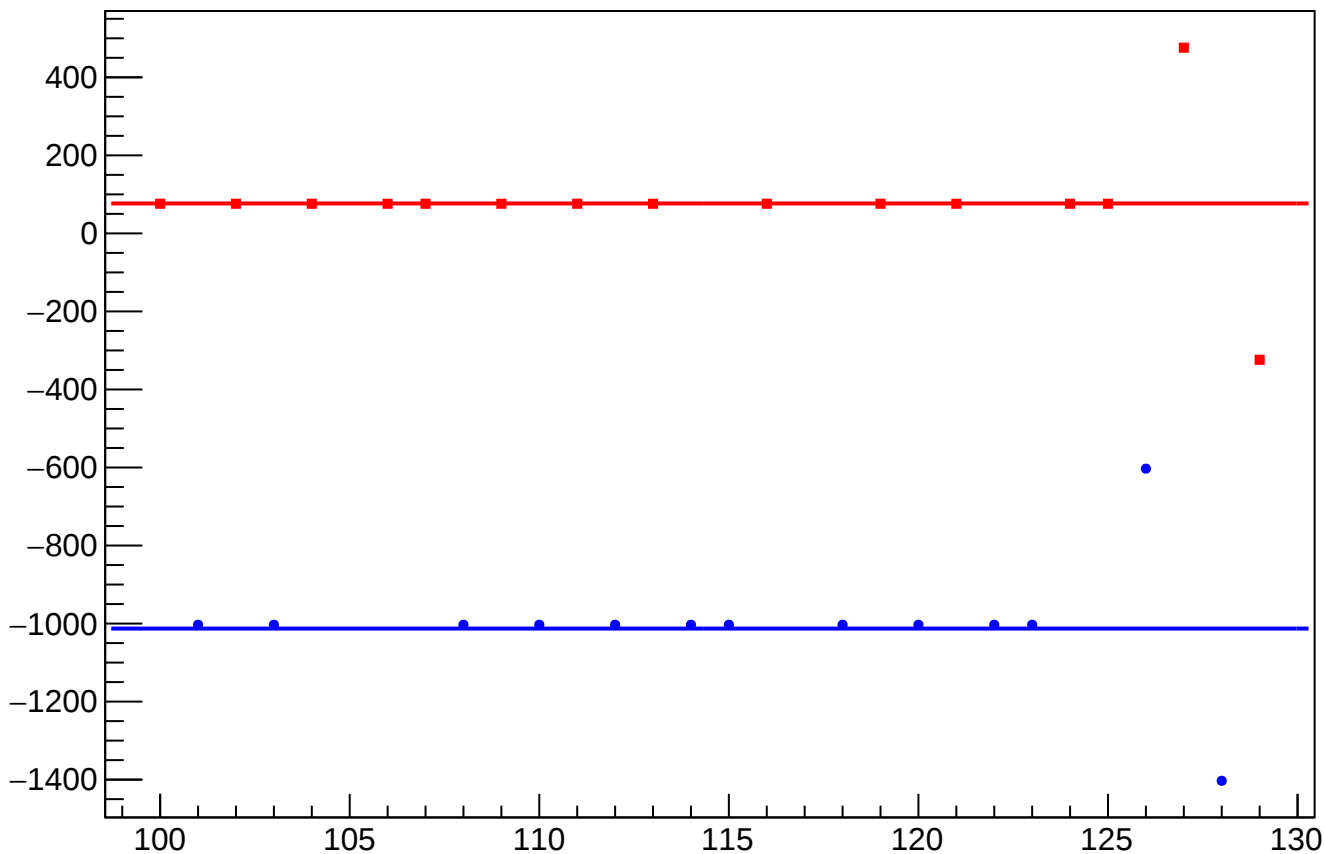
All: 16.457+/-0.000 χ^2/NDF : 2531523437499909

epics_RTPAPOSUCNTs_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 948.098+/-0.000 χ^2 /NDF: 20677548009313709175152081553554669568.0/12
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 1077.358+/-0.000 χ^2 /NDF: 56941088465177
 In: 948.098+/-0.000 χ^2 /NDF: 20677548009313709175152081553554669568.0/12
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 1077.358+/-0.000 χ^2 /NDF: 56941088465177

epics_RTPAPOSVCNTs_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: -1012.785+/-0.000 χ^2/NDF : 14672587942300499334960582920029339648.0/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -425.505+/-0.000 χ^2/NDF : 34179203806872
 In: -1012.785+/-0.000 χ^2/NDF : 146725879423004
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -425.505+/-0.000 χ^2/NDF : 34179203806