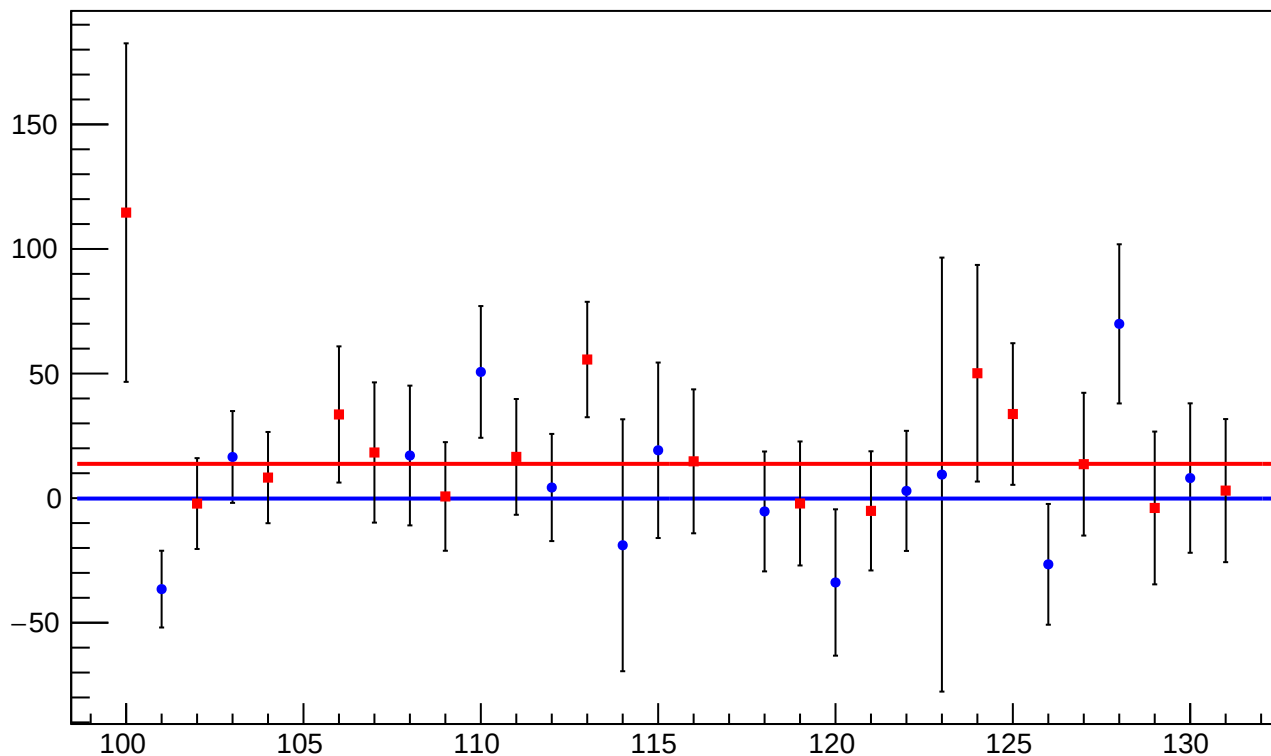


diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.167+/-6.780

χ^2/NDF : 18.4/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 13.760+/-6.395

χ^2/NDF : 10.0/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 7.203+/-4.652

χ^2/NDF : 30.6/29

In: -0.167+/-6.780

χ^2/NDF : 18.4/13

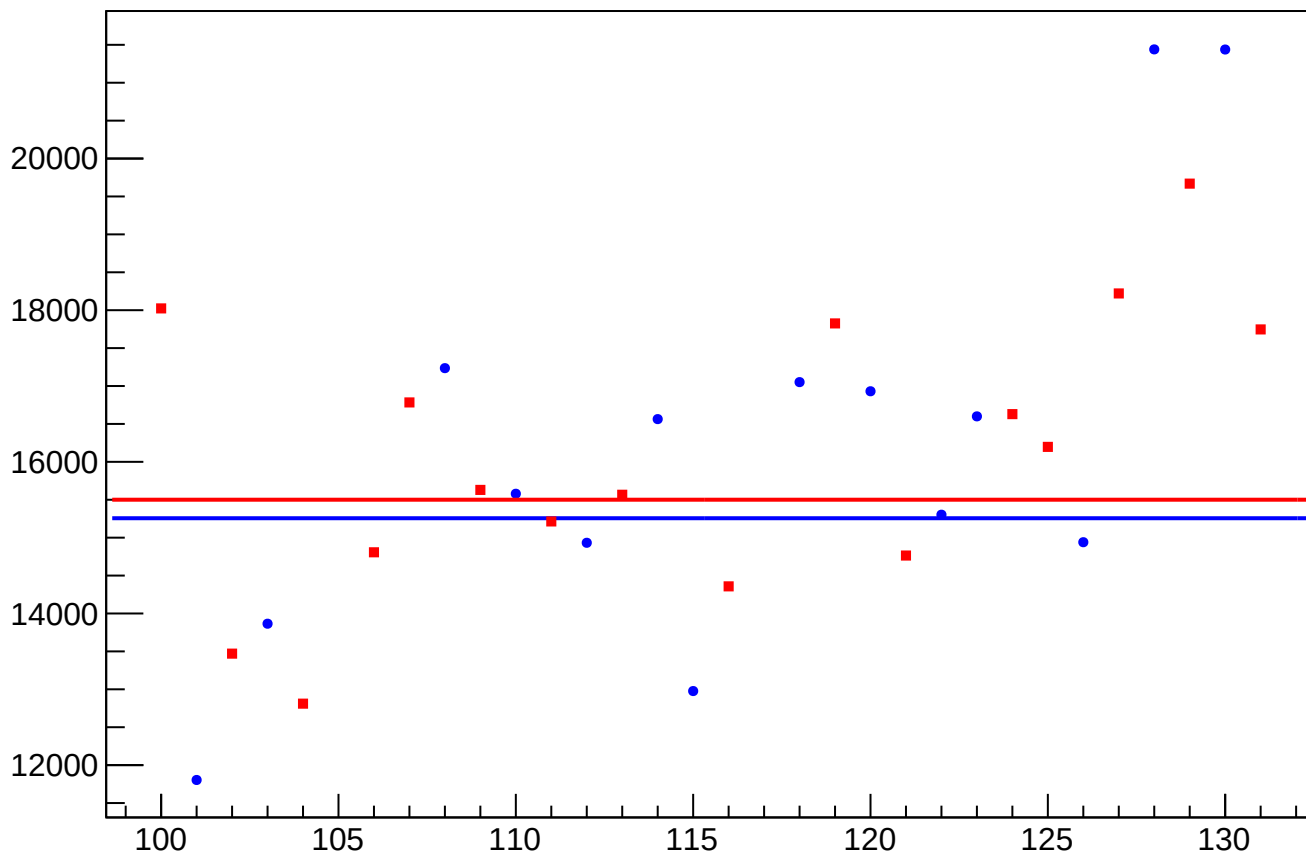
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 7.203+/-4.652

χ^2/NDF : 30.6/29

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 15256.253+/-4.794 χ^2/NDF : 310704.3/13

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

Right Out: 15500.528+/-4.522 χ^2/NDF : 168830.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

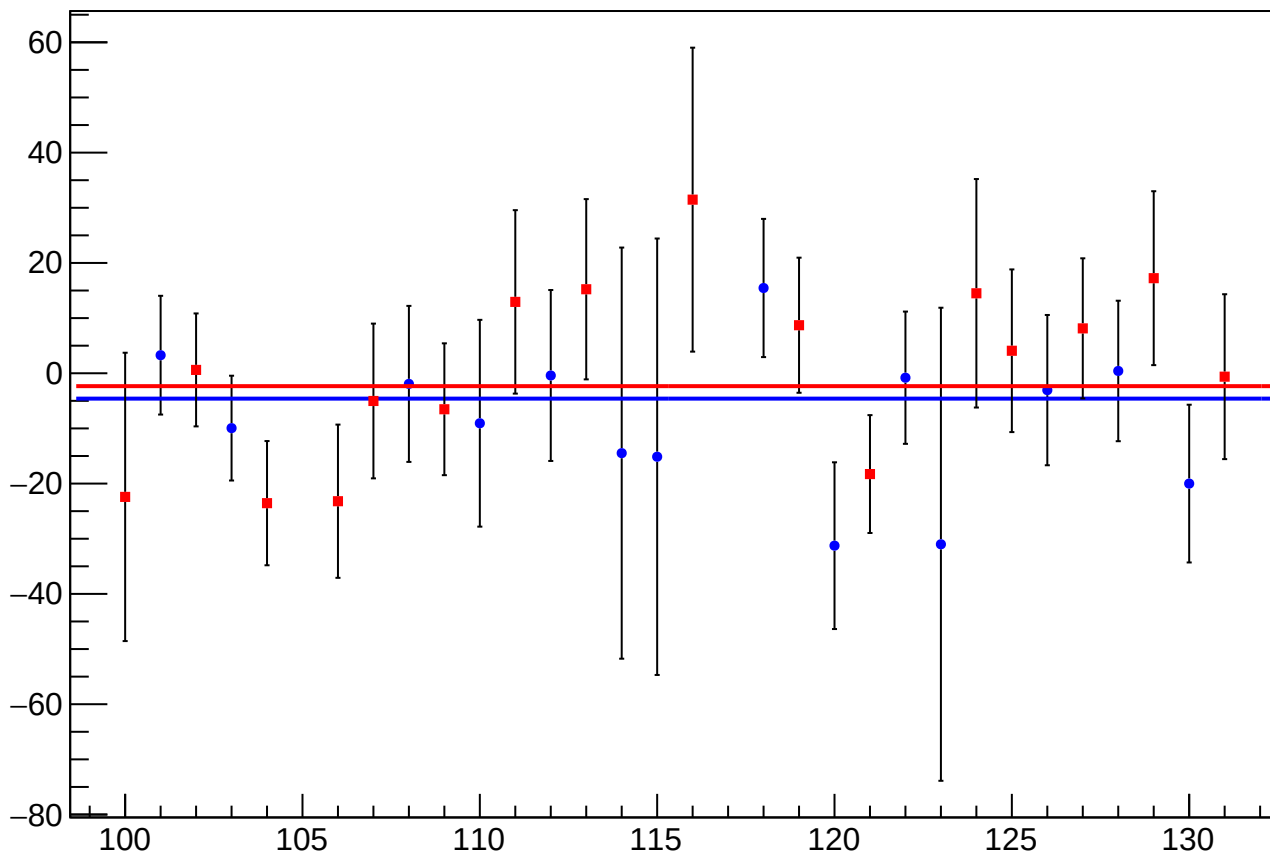
Right: 15385.521+/-3.289 χ^2/NDF : 480909.2/29

In: 15256.253+/-4.794 χ^2/NDF : 310704.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15385.521+/-3.289 χ^2/NDF : 480909.2/29

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -4.599+/-3.841 χ^2/NDF : 8.6/13

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

Right Out: -2.336+/-3.495 χ^2/NDF : 16.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

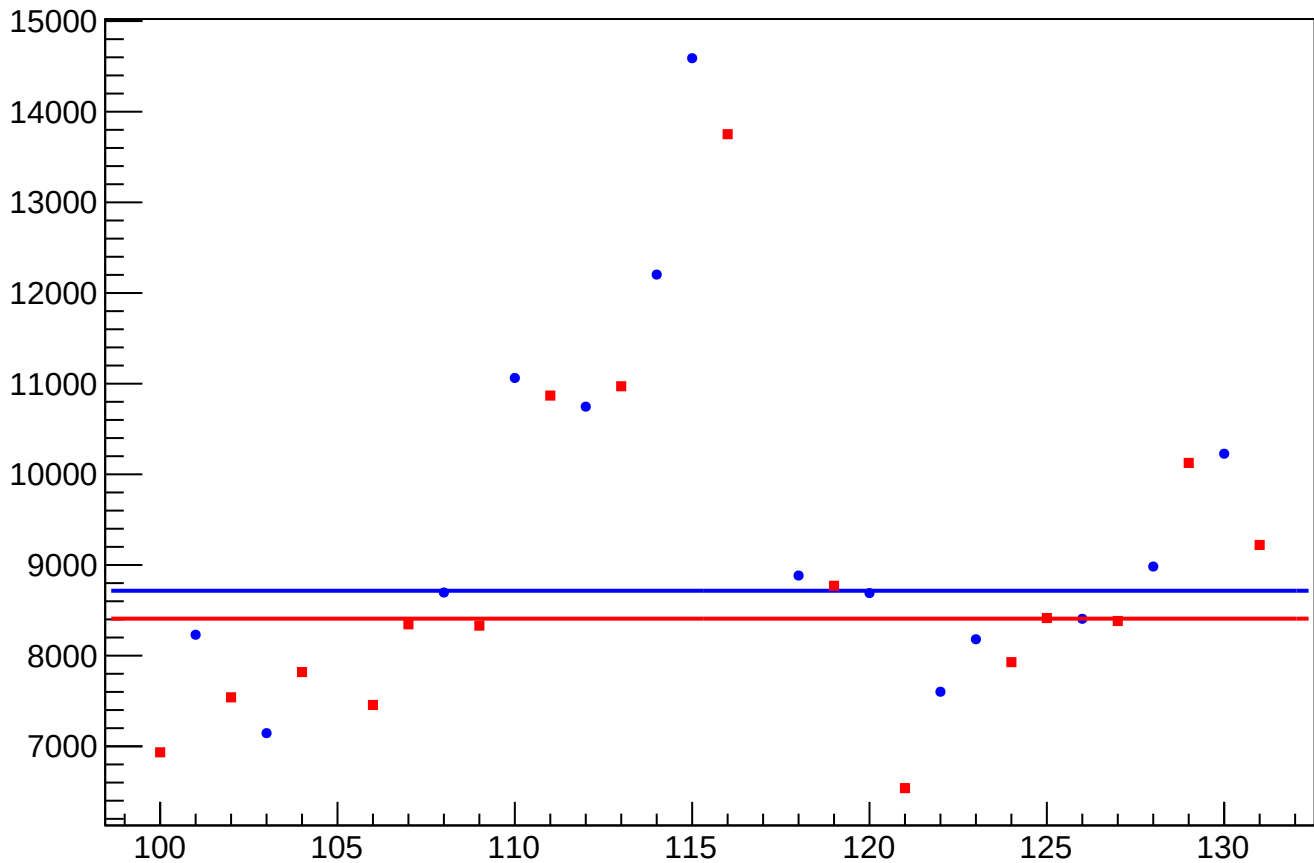
Right: -3.361+/-2.585 χ^2/NDF : 25.1/29

In: -4.599+/-3.841 χ^2/NDF : 8.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.361+/-2.585 χ^2/NDF : 25.1/29

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8715.891+/-2.716 χ^2/NDF : 228243.3/13

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

Right Out: 8408.252+/-2.471 χ^2/NDF : 297664.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

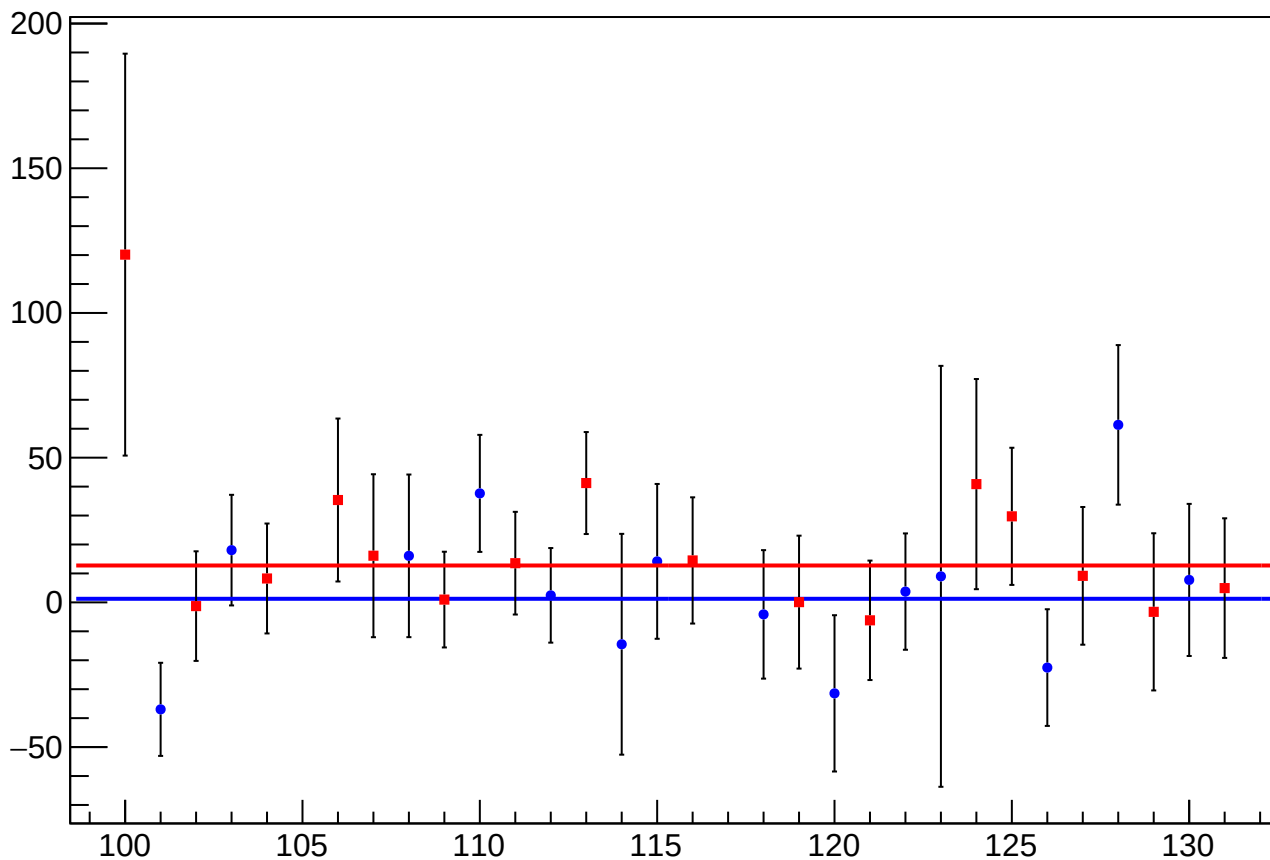
Right: 8547.564+/-1.828 χ^2/NDF : 532926.7/29

In: 8715.891+/-2.716 χ^2/NDF : 228243.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8547.564+/-1.828 χ^2/NDF : 532926.7/29

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: 1.237+/-6.037 χ^2/NDF : 18.1/13

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

Right Out: 12.744+/-5.583 χ^2/NDF : 9.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

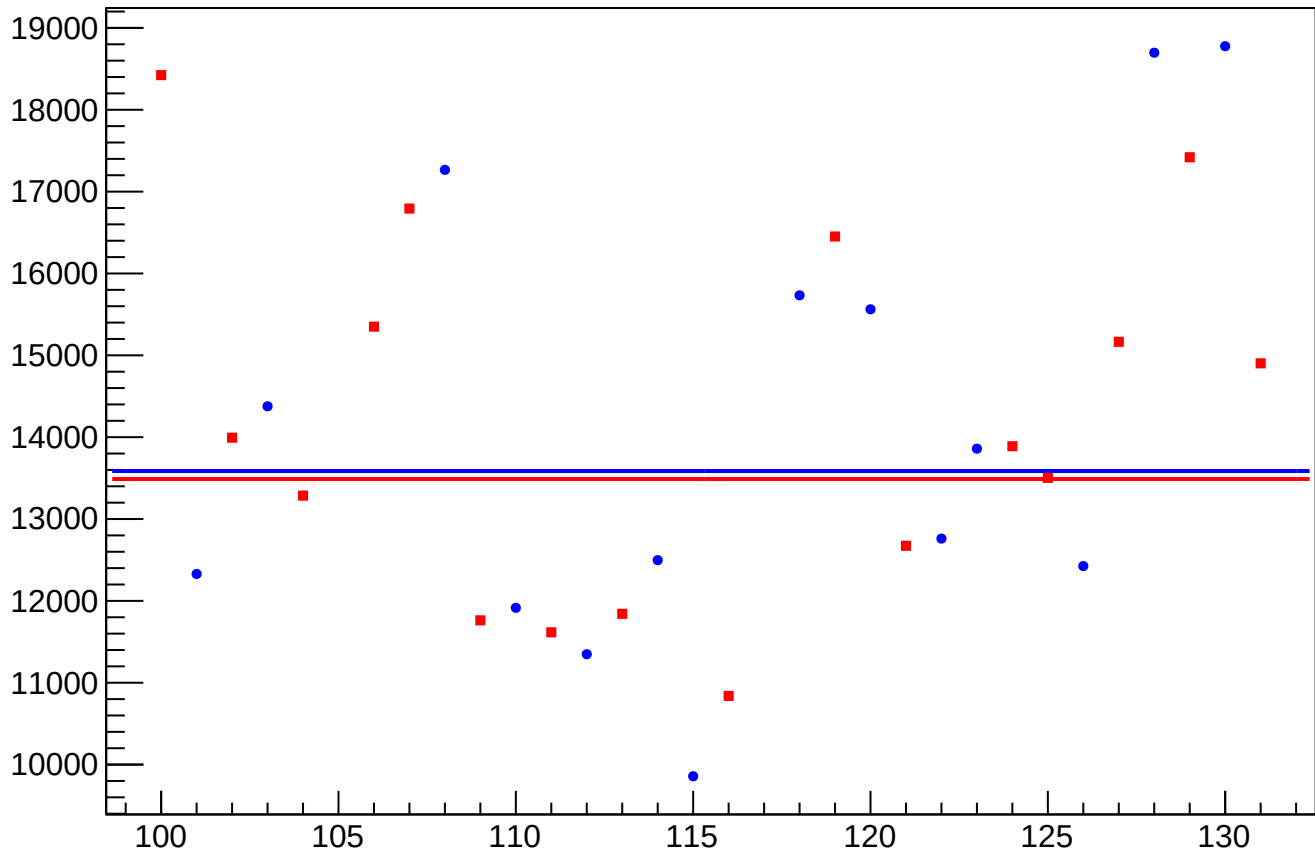
Right: 7.439+/-4.099 χ^2/NDF : 29.6/29

In: 1.237+/-6.037 χ^2/NDF : 18.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.439+/-4.099 χ^2/NDF : 29.6/29

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13586.558+/-4.269 χ^2/NDF : 327809.6/13

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

Right Out: 13488.770+/-3.948 χ^2/NDF : 234472.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

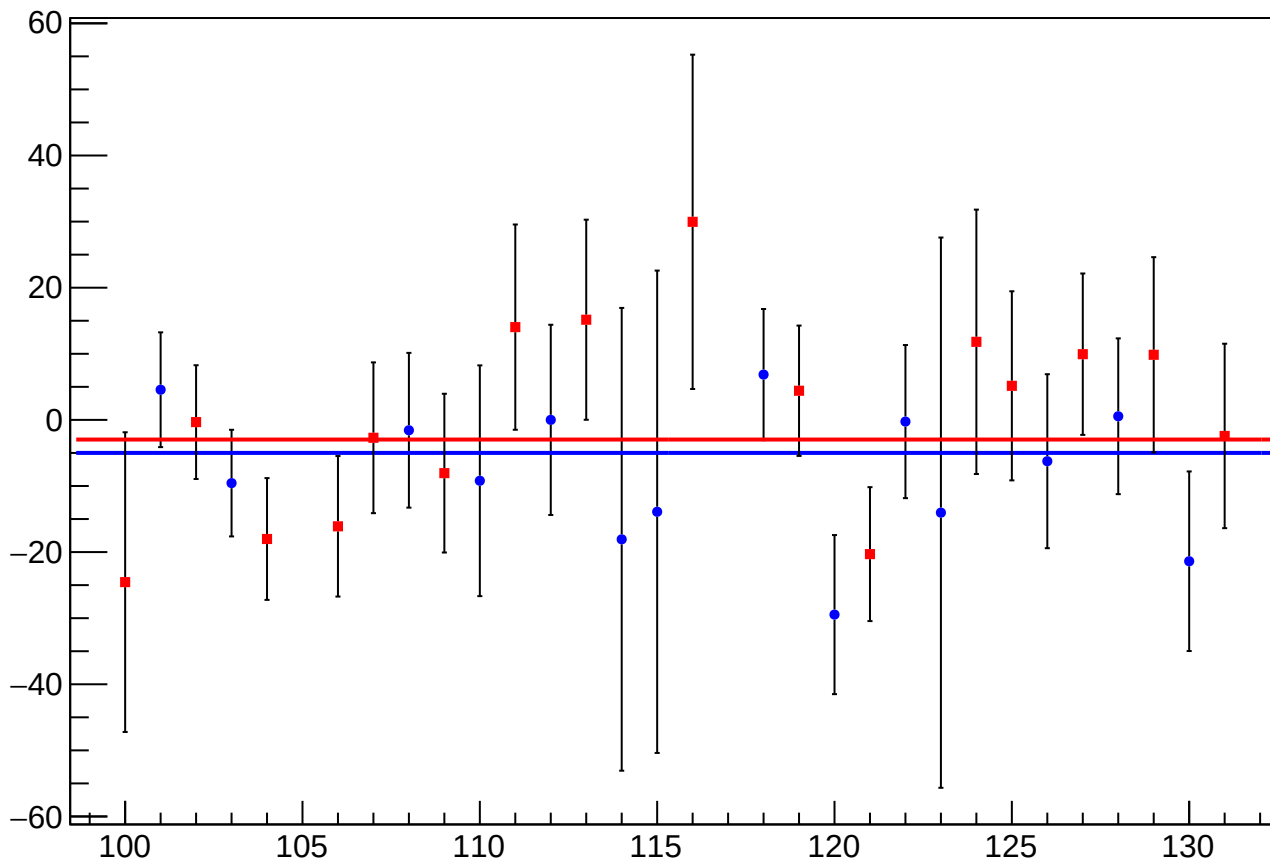
Right: 13533.850+/-2.899 χ^2/NDF : 562565.3/29

In: 13586.558+/-4.269 χ^2/NDF : 327809.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13533.850+/-2.899 χ^2/NDF : 562565.3/29

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -4.995 ± 3.350 χ^2/NDF : 9.5/13

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

Right Out: -2.972 ± 3.092 χ^2/NDF : 15.9/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

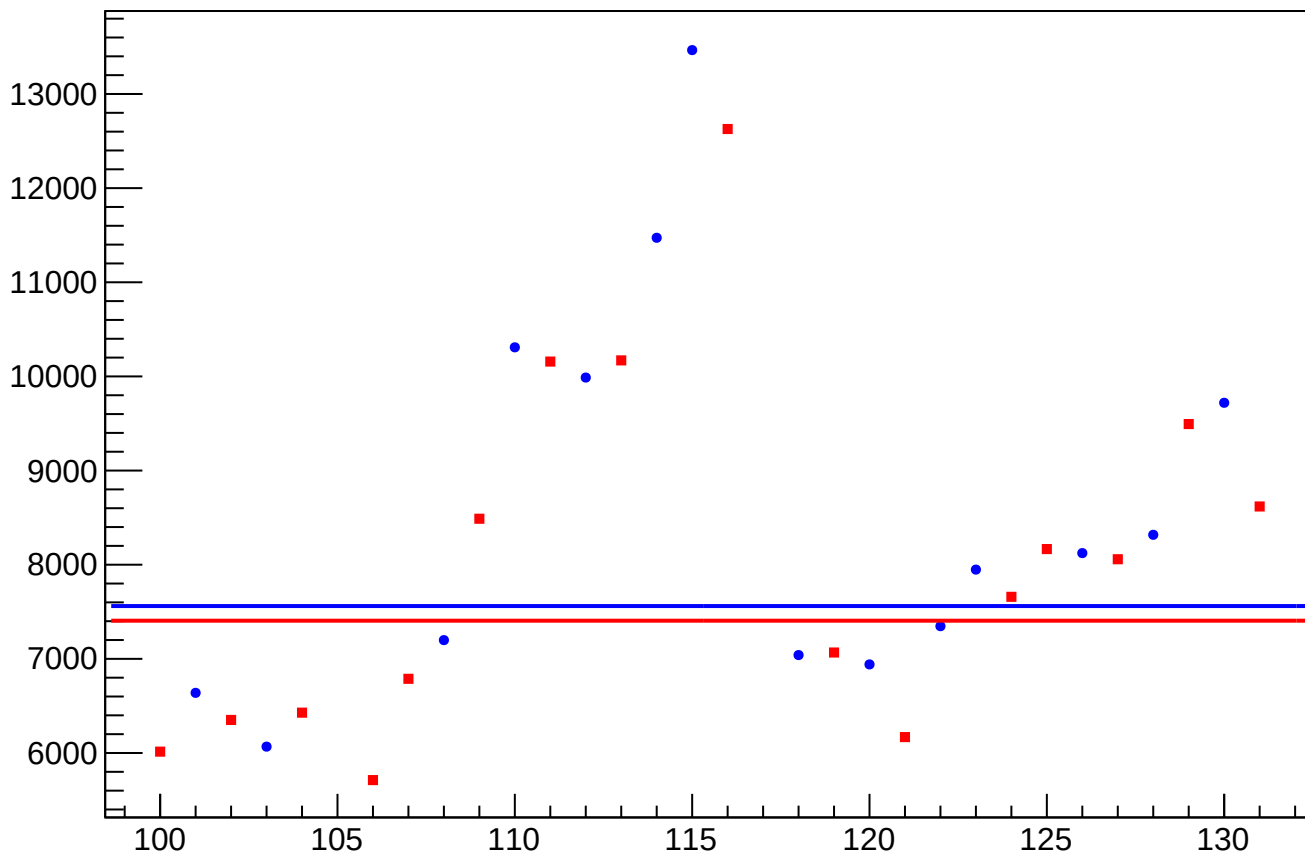
Right: -3.902 ± 2.272 χ^2/NDF : 25.6/29

In: -4.995 ± 3.350 χ^2/NDF : 9.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.902 ± 2.272 χ^2/NDF : 25.6/29

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7560.842+/-2.369 χ^2/NDF : 350894.9/13

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

Right Out: 7405.268+/-2.186 χ^2/NDF : 446755.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

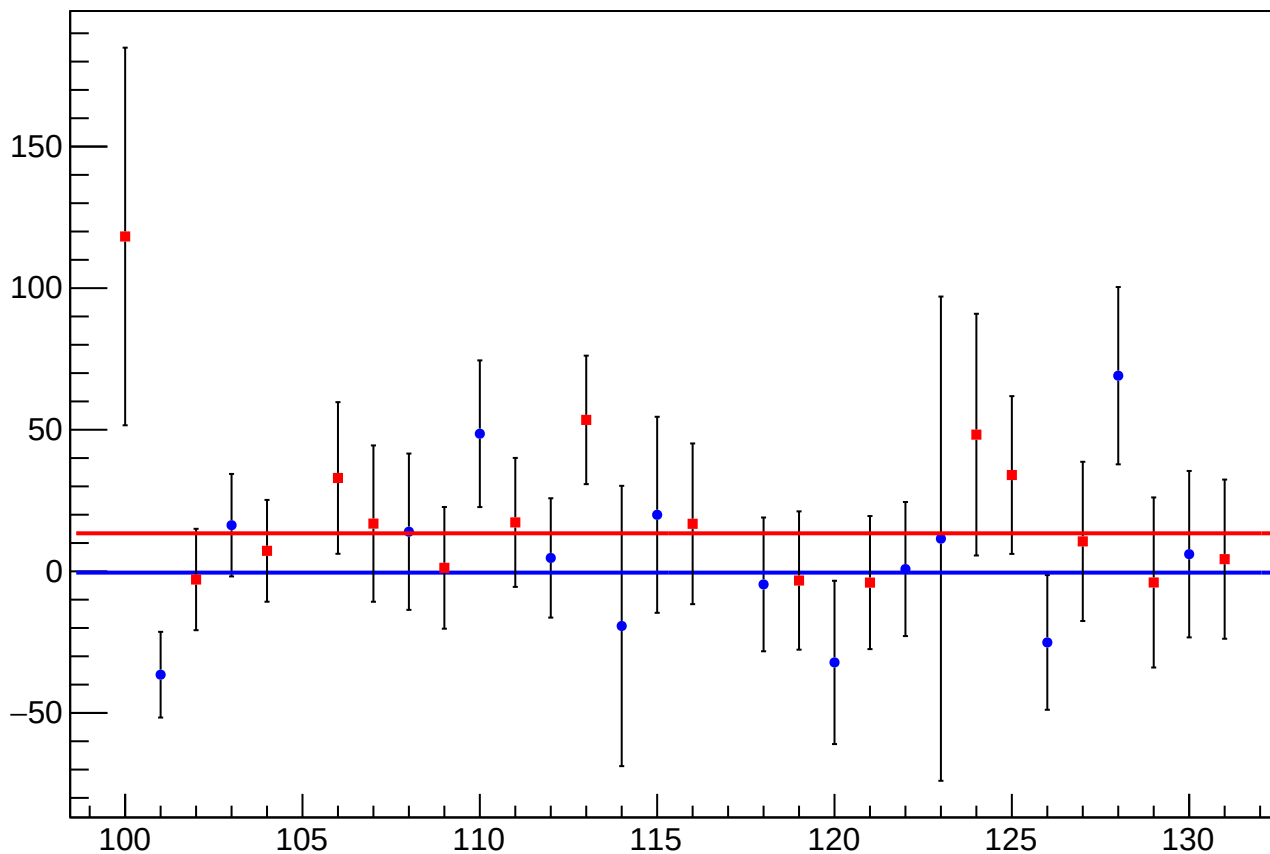
Right: 7476.819+/-1.607 χ^2/NDF : 799979.5/29

In: 7560.842+/-2.369 χ^2/NDF : 350894.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7476.819+/-1.607 χ^2/NDF : 799979.5/29

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -0.448+/-6.654 χ^2/NDF : 18.3/13

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

Right Out: 13.432+/-6.275 χ^2/NDF : 10.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

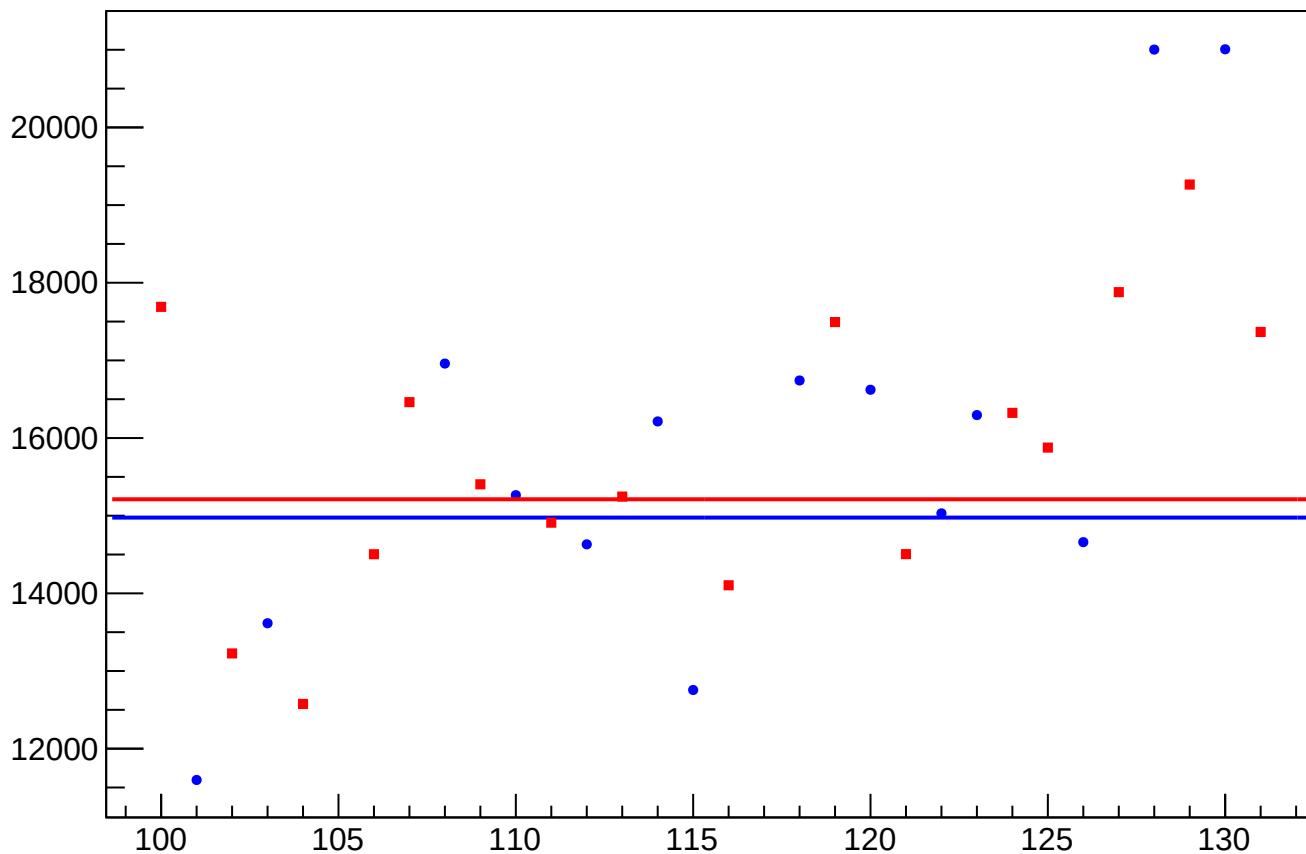
Right: 6.898+/-4.565 χ^2/NDF : 30.7/29

In: -0.448+/-6.654 χ^2/NDF : 18.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.898+/-4.565 χ^2/NDF : 30.7/29

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 14975.629+/-4.705 χ^2/NDF : 308541.2/13

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

Right Out: 15211.566+/-4.437 χ^2/NDF : 167406.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

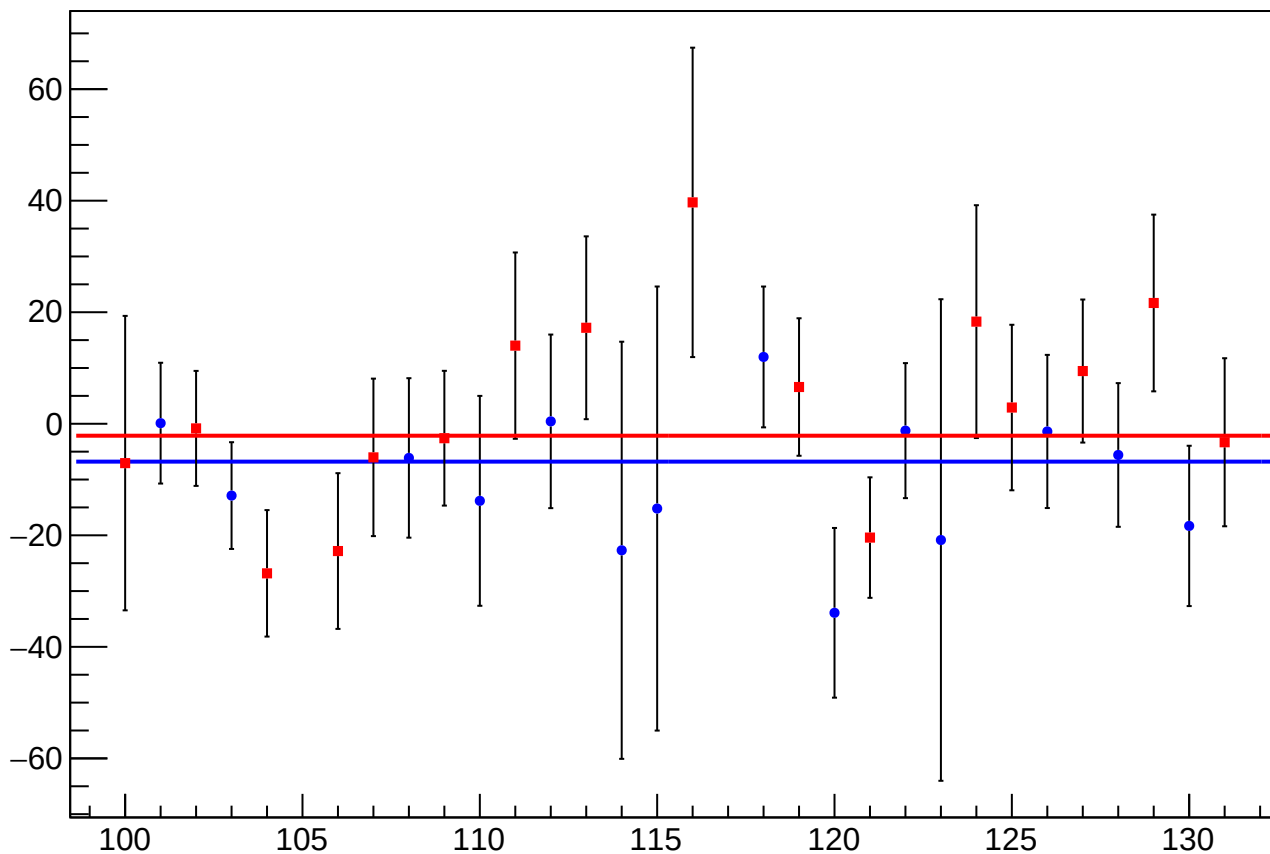
Right: 15100.512+/-3.228 χ^2/NDF : 477278.5/29

In: 14975.629+/-4.705 χ^2/NDF : 308541.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15100.512+/-3.228 χ^2/NDF : 477278.5/29

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -6.789+/-3.870 χ^2/NDF : 7.9/13

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

Right Out: -2.141+/-3.521 χ^2/NDF : 19.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

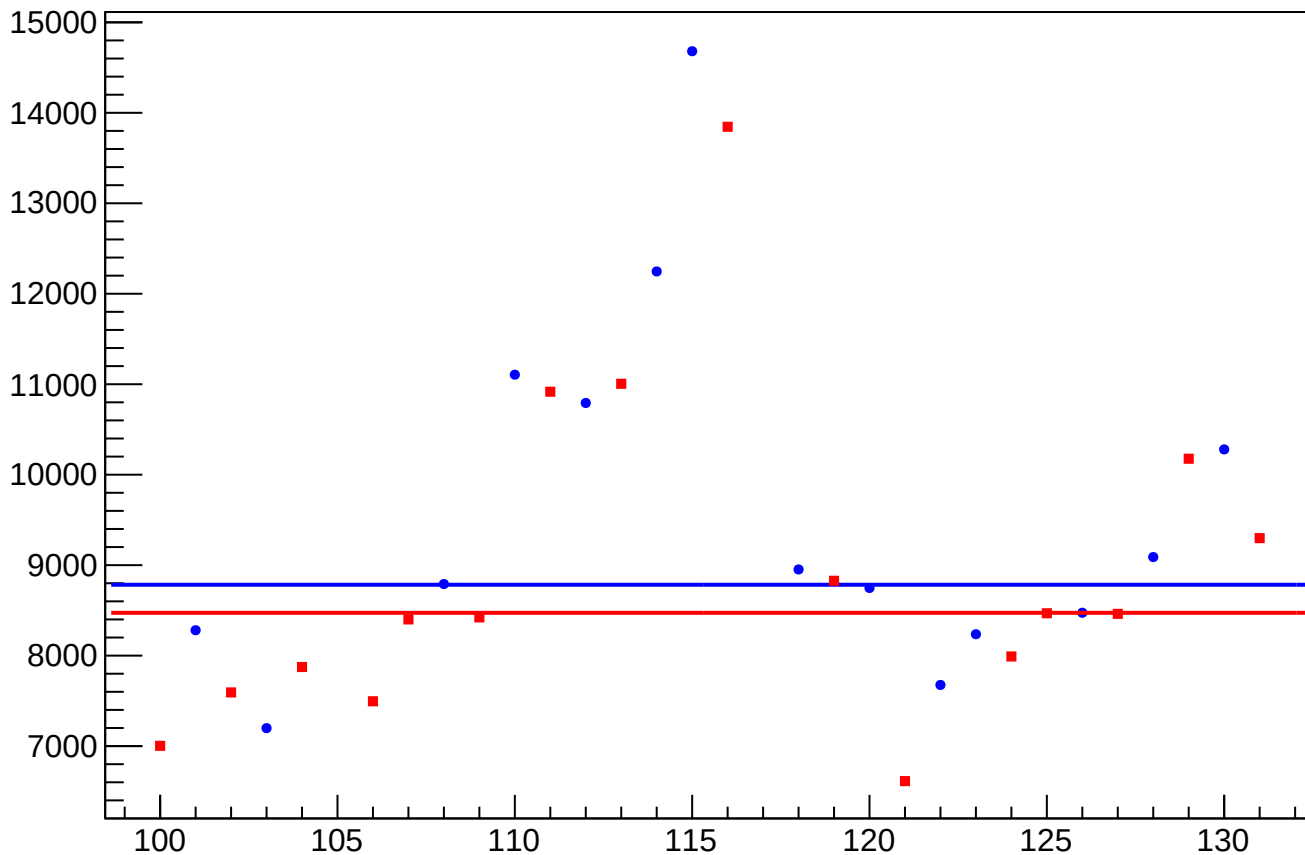
Right: -4.246+/-2.604 χ^2/NDF : 27.9/29

In: -6.789+/-3.870 χ^2/NDF : 7.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.246+/-2.604 χ^2/NDF : 27.9/29

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8783.527+/-2.737 χ^2/NDF : 225220.0/13

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

Right Out: 8473.304+/-2.489 χ^2/NDF : 292907.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

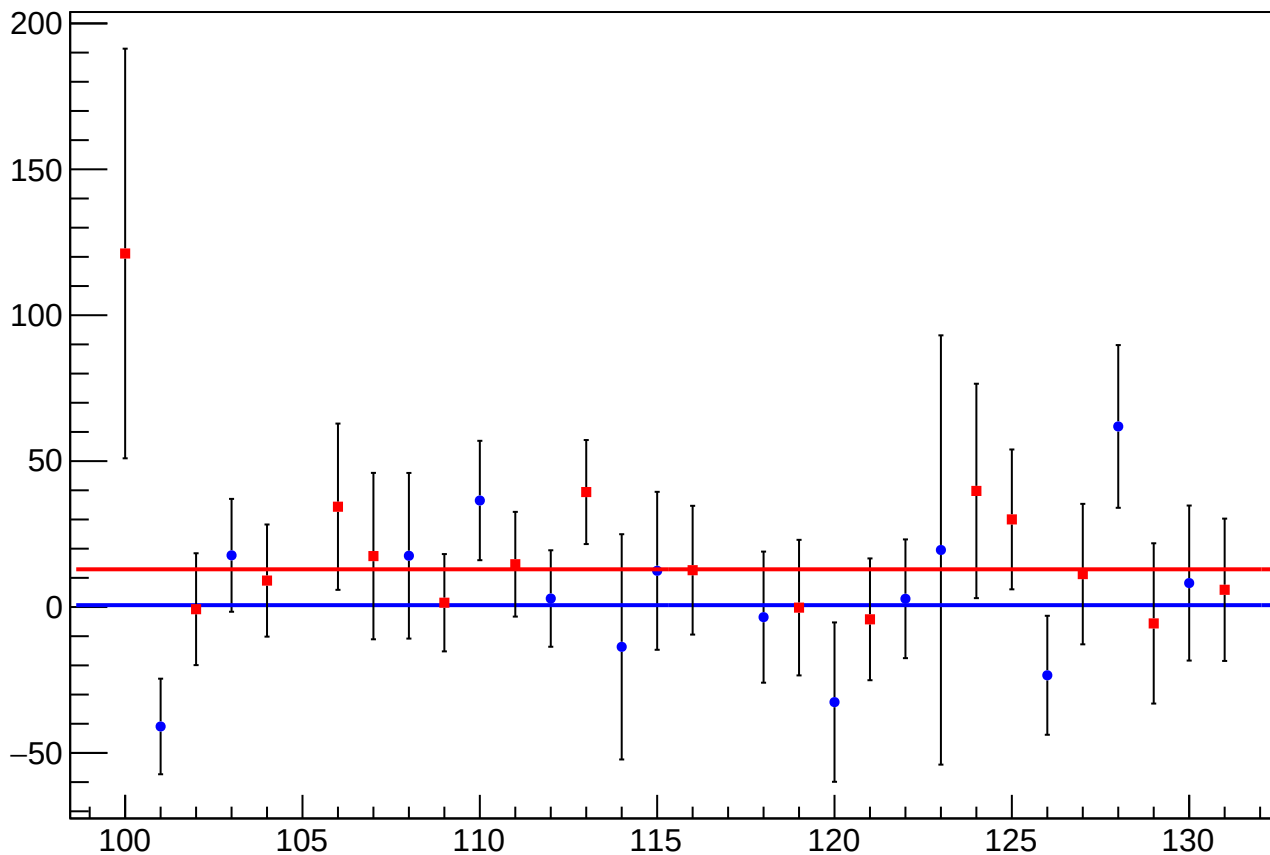
Right: 8613.769+/-1.842 χ^2/NDF : 525158.6/29

In: 8783.527+/-2.737 χ^2/NDF : 225220.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8613.769+/-1.842 χ^2/NDF : 525158.6/29

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: 0.641+/-6.113 χ^2/NDF : 18.9/13

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

Right Out: 12.927+/-5.647 χ^2/NDF : 8.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

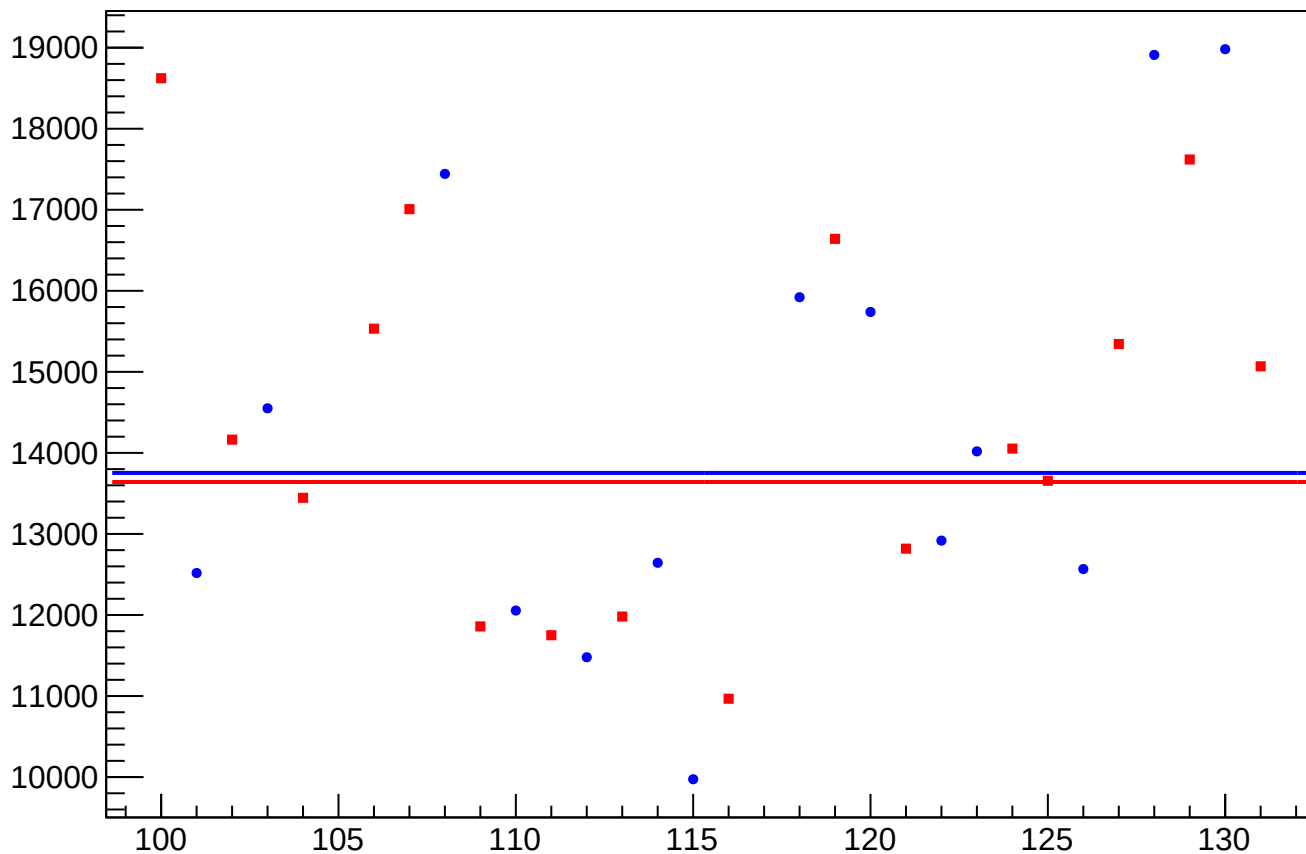
Right: 7.270+/-4.148 χ^2/NDF : 29.9/29

In: 0.641+/-6.113 χ^2/NDF : 18.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.270+/-4.148 χ^2/NDF : 29.9/29

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13753.089+/-4.322 χ^2/NDF : 326159.1/13

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

Right Out: 13640.885+/-3.993 χ^2/NDF : 235791.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

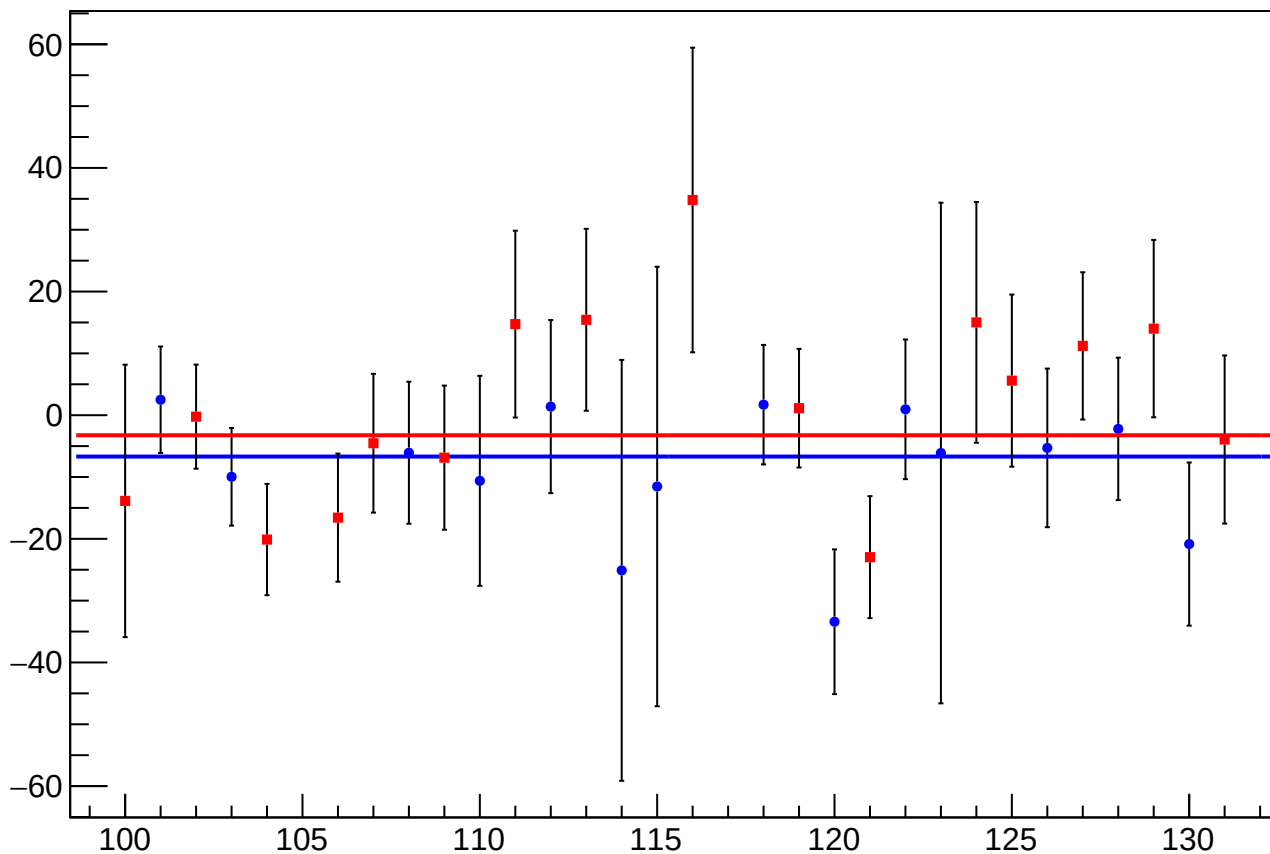
Right: 13692.546+/-2.933 χ^2/NDF : 562314.4/29

In: 13753.089+/-4.322 χ^2/NDF : 326159.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13692.546+/-2.933 χ^2/NDF : 562314.4/29

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -6.689 ± 3.277 χ^2/NDF : 9.8/13

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

Right Out: -3.249 ± 3.015 χ^2/NDF : 19.5/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

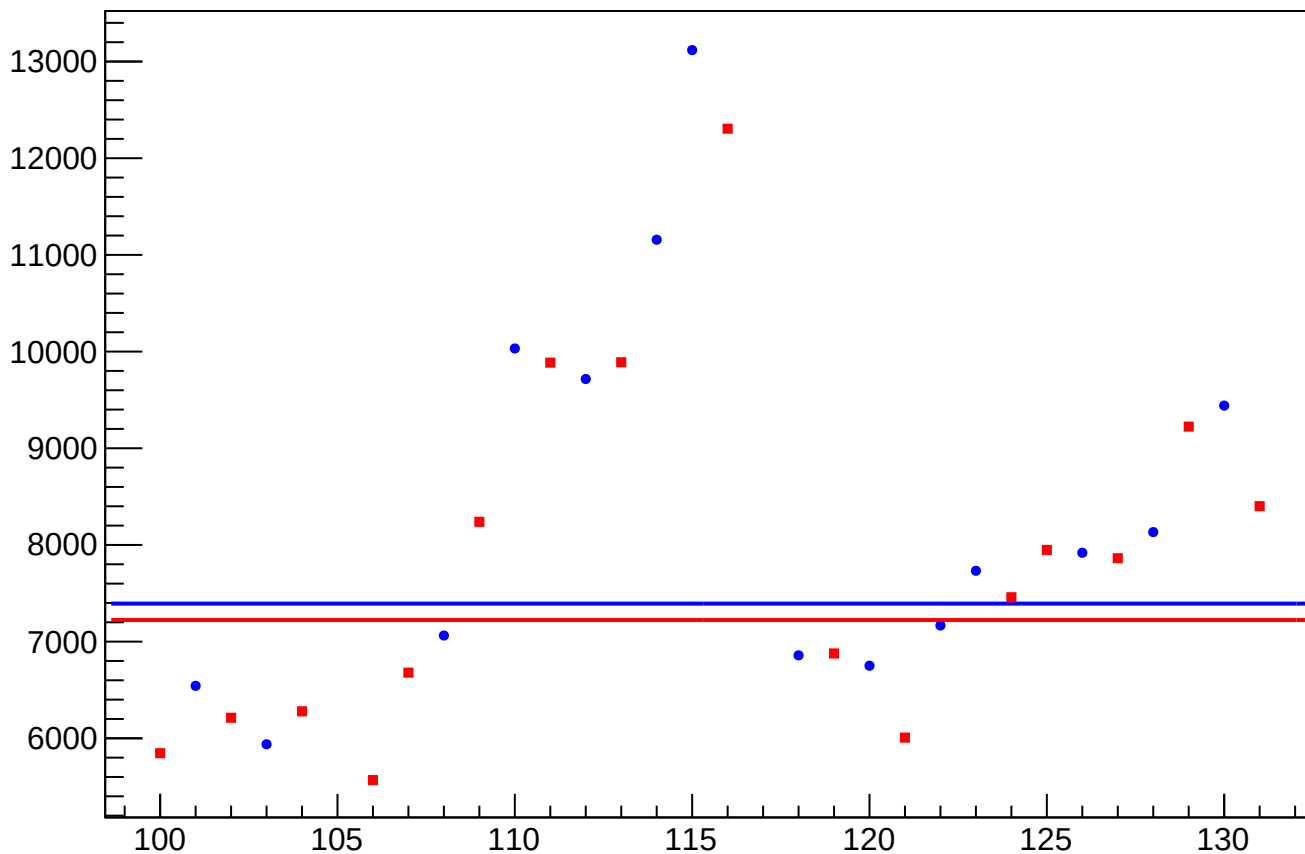
Right: -4.826 ± 2.219 χ^2/NDF : 29.8/29

In: -6.689 ± 3.277 χ^2/NDF : 9.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.826 ± 2.219 χ^2/NDF : 29.8/29

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7393.181+/-2.317 χ^2/NDF : 341630.9/13

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

Right Out: 7223.488+/-2.132 χ^2/NDF : 440655.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

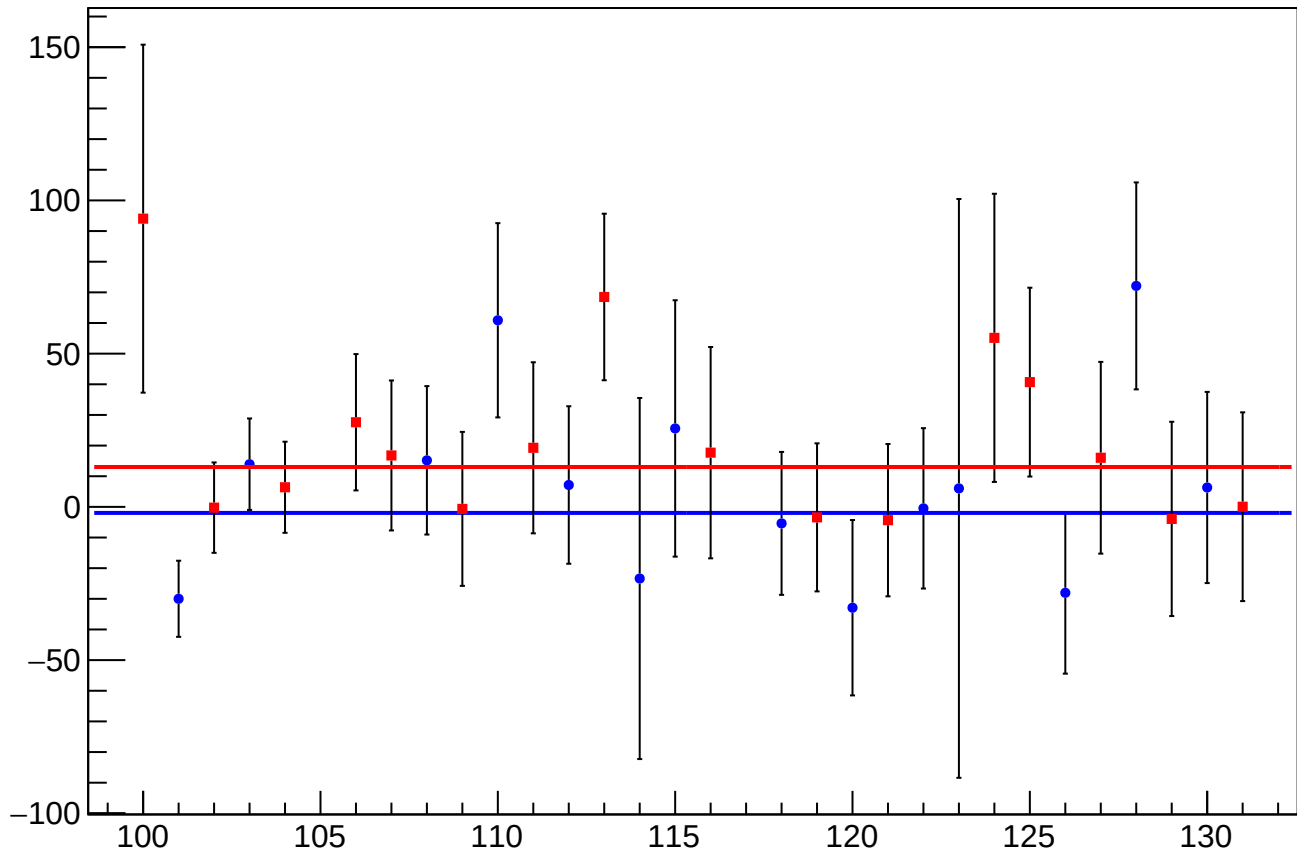
Right: 7301.289+/-1.569 χ^2/NDF : 785191.1/29

In: 7393.181+/-2.317 χ^2/NDF : 341630.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7301.289+/-1.569 χ^2/NDF : 785191.1/29

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -1.969+/-6.452 χ^2/NDF : 18.4/13

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

Right Out: 13.015+/-6.190 χ^2/NDF : 11.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

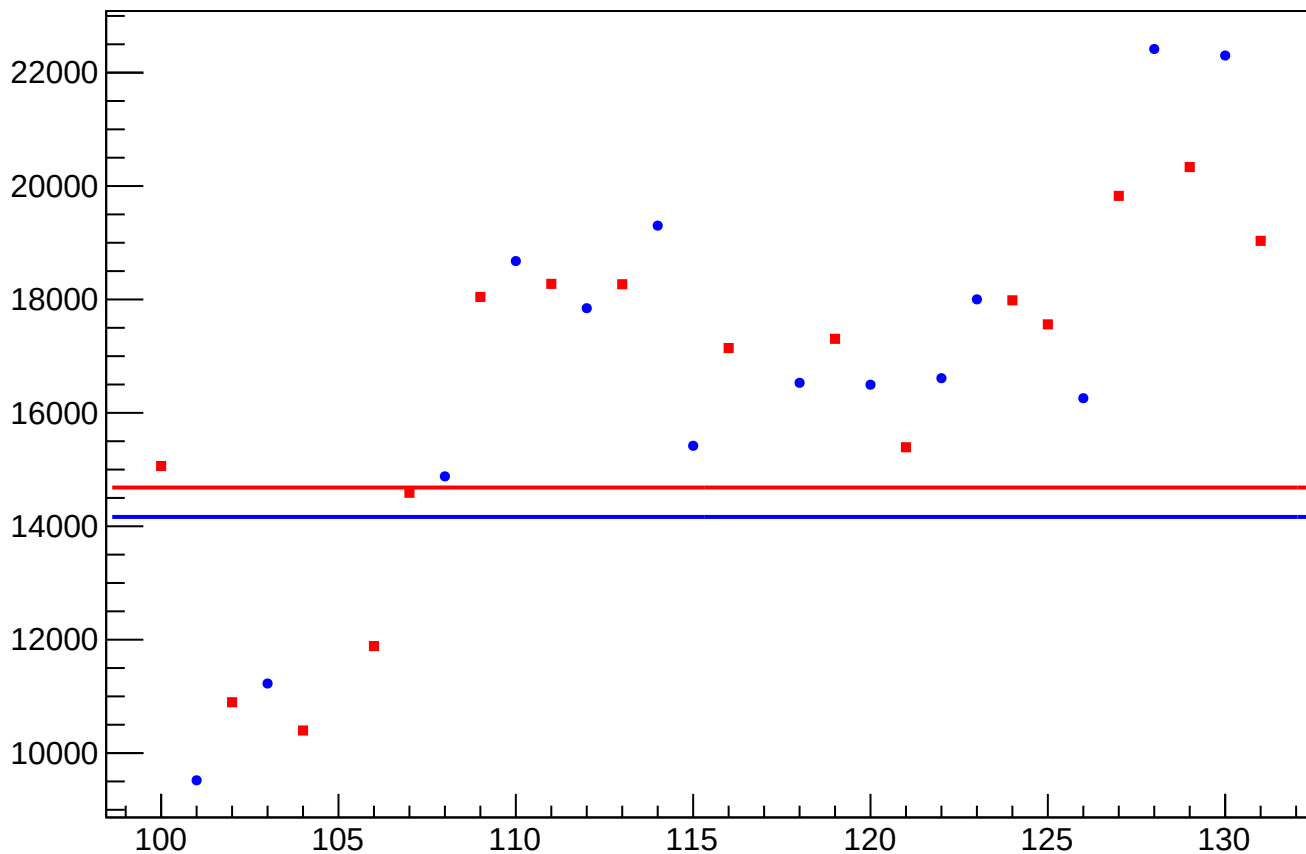
Right: 5.833+/-4.467 χ^2/NDF : 32.3/29

In: -1.969+/-6.452 χ^2/NDF : 18.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.833+/-4.467 χ^2/NDF : 32.3/29

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 14164.770+/-4.562 χ^2/NDF : 780357.4/13

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

Right Out: 14683.493+/-4.377 χ^2/NDF : 653708.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

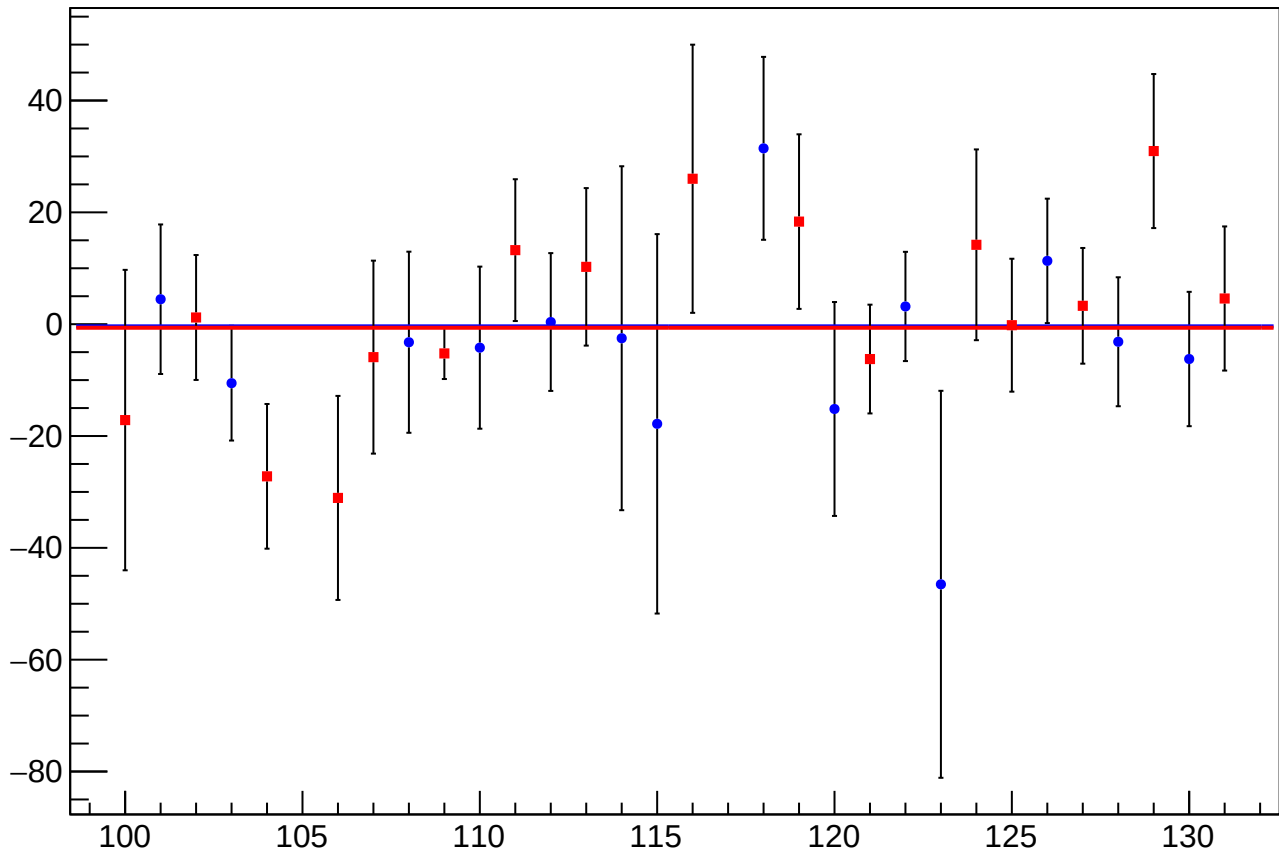
Right: 14434.872+/-3.158 χ^2/NDF : 1440798.4/29

In: 14164.770+/-4.562 χ^2/NDF : 780357.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14434.872+/-3.158 χ^2/NDF : 1440798.4/29

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: -0.386 ± 3.714 χ^2/NDF : 9.2/13

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

Right Out: -0.637 ± 2.792 χ^2/NDF : 19.7/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

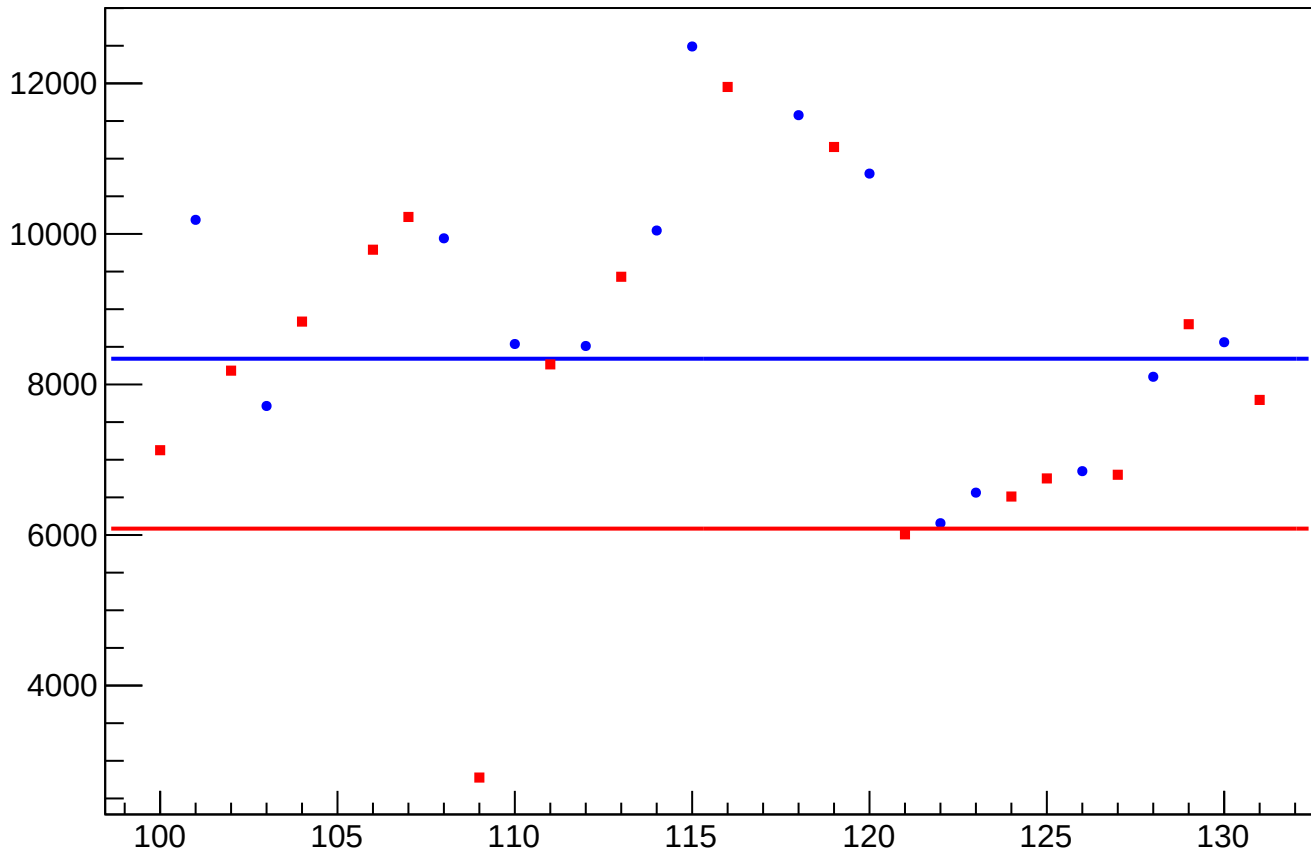
Right: -0.547 ± 2.232 χ^2/NDF : 28.9/29

In: -0.386 ± 3.714 χ^2/NDF : 9.2/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.547 ± 2.232 χ^2/NDF : 28.9/29

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8342.027 $\pm$ 2.626 χ^2 /NDF: 356089.9/13

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

Right Out: 6084.951 $\pm$ 1.974 χ^2 /NDF: 2038562.2/15

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

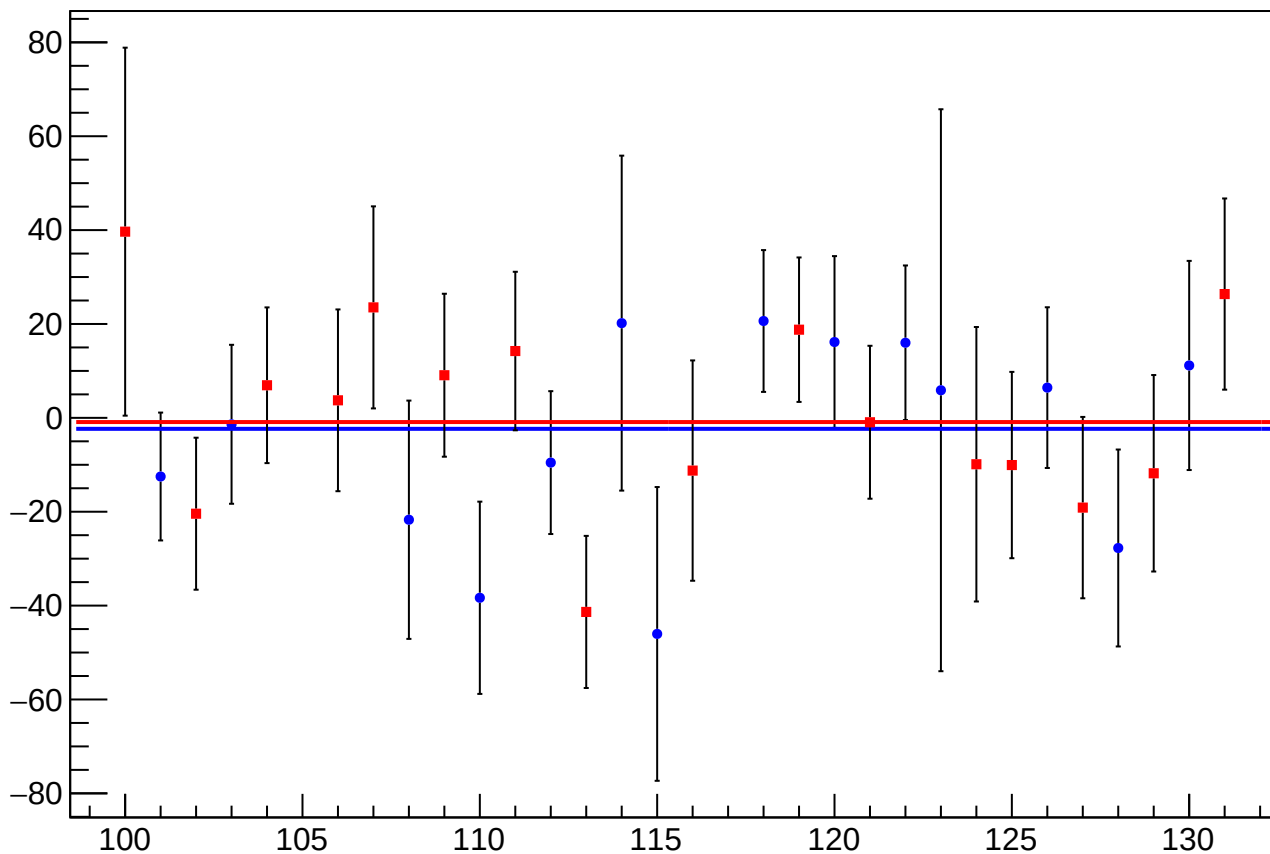
Right: 6899.847 $\pm$ 1.578 χ^2 /NDF: 2866534.0/29

In: 8342.027 $\pm$ 2.626 χ^2 /NDF:356089.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 6899.847 $\pm$ 1.578 χ^2 /NDF: 2866534.0/29

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -2.339+/-5.132 χ^2/NDF : 13.5/13

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

Right Out: -0.895+/-4.743 χ^2/NDF : 16.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

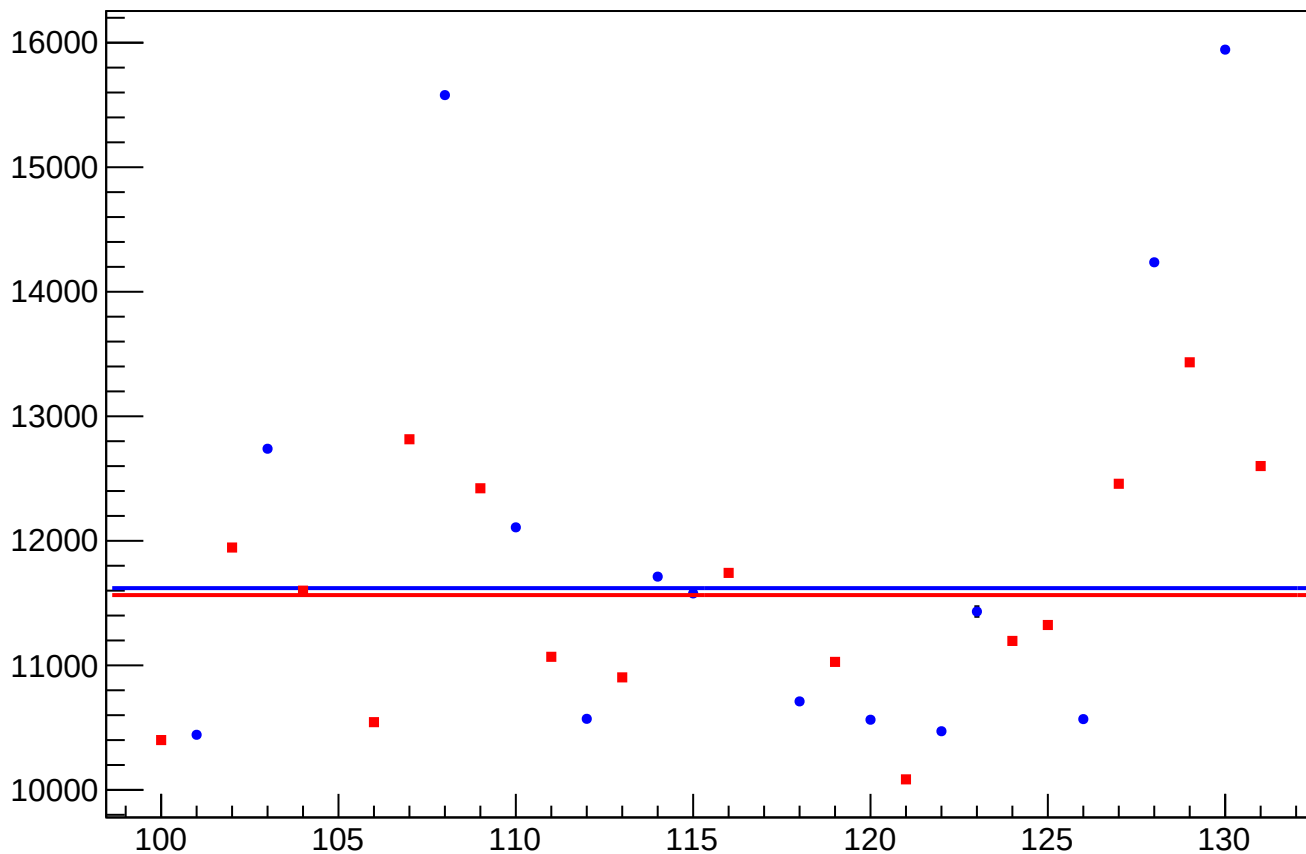
Right: -1.560+/-3.483 χ^2/NDF : 30.1/29

In: -2.339+/-5.132 χ^2/NDF : 13.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.560+/-3.483 χ^2/NDF : 30.1/29

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11620.245+/-3.629 χ^2/NDF : 220667.2/13

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

Right Out: 11564.395+/-3.354 χ^2/NDF : 70197.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

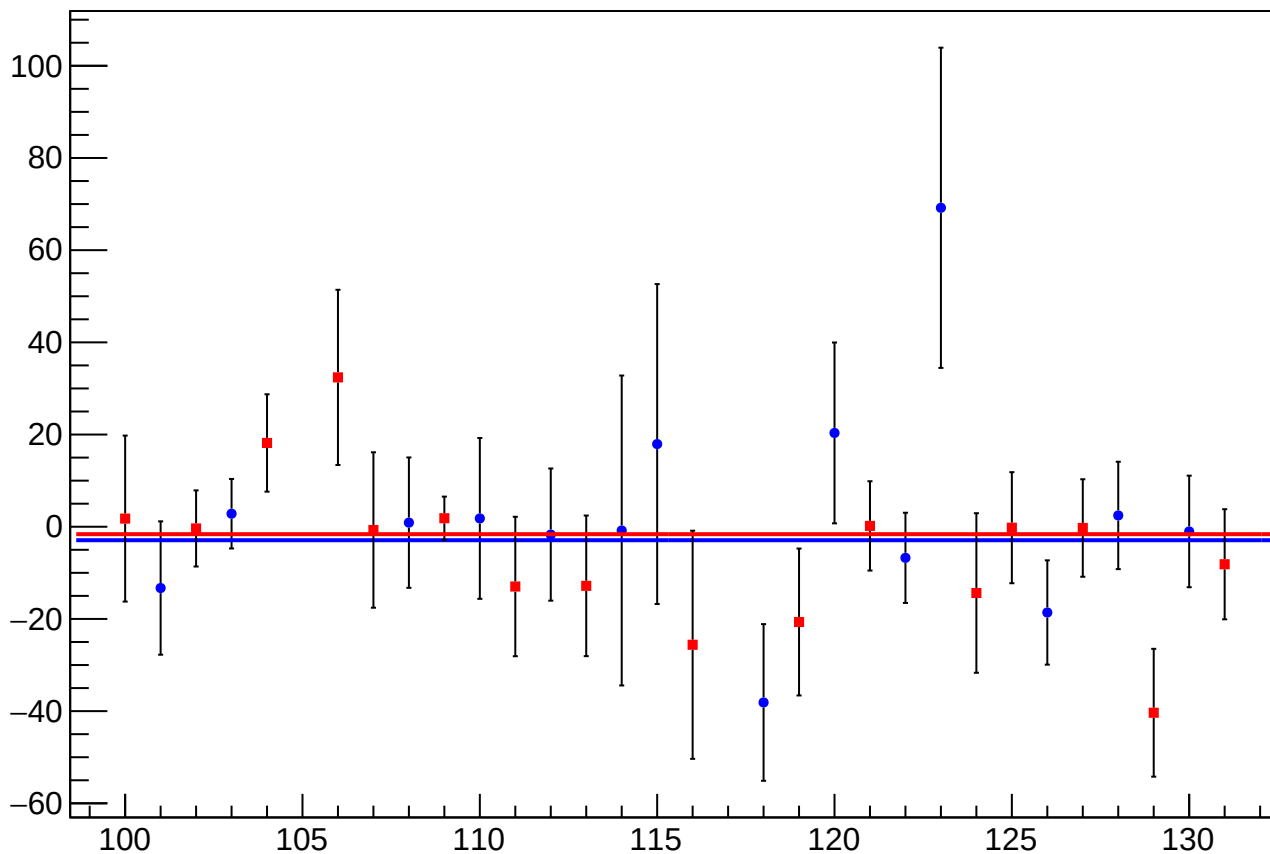
Right: 11590.125+/-2.463 χ^2/NDF : 290992.3/29

In: 11620.245+/-3.629 χ^2/NDF : 220667.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11590.125+/-2.463 χ^2/NDF : 290992.3/29

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -2.923+/-3.613 χ^2/NDF : 13.9/13

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

Right Out: -1.614+/-2.724 χ^2/NDF : 19.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

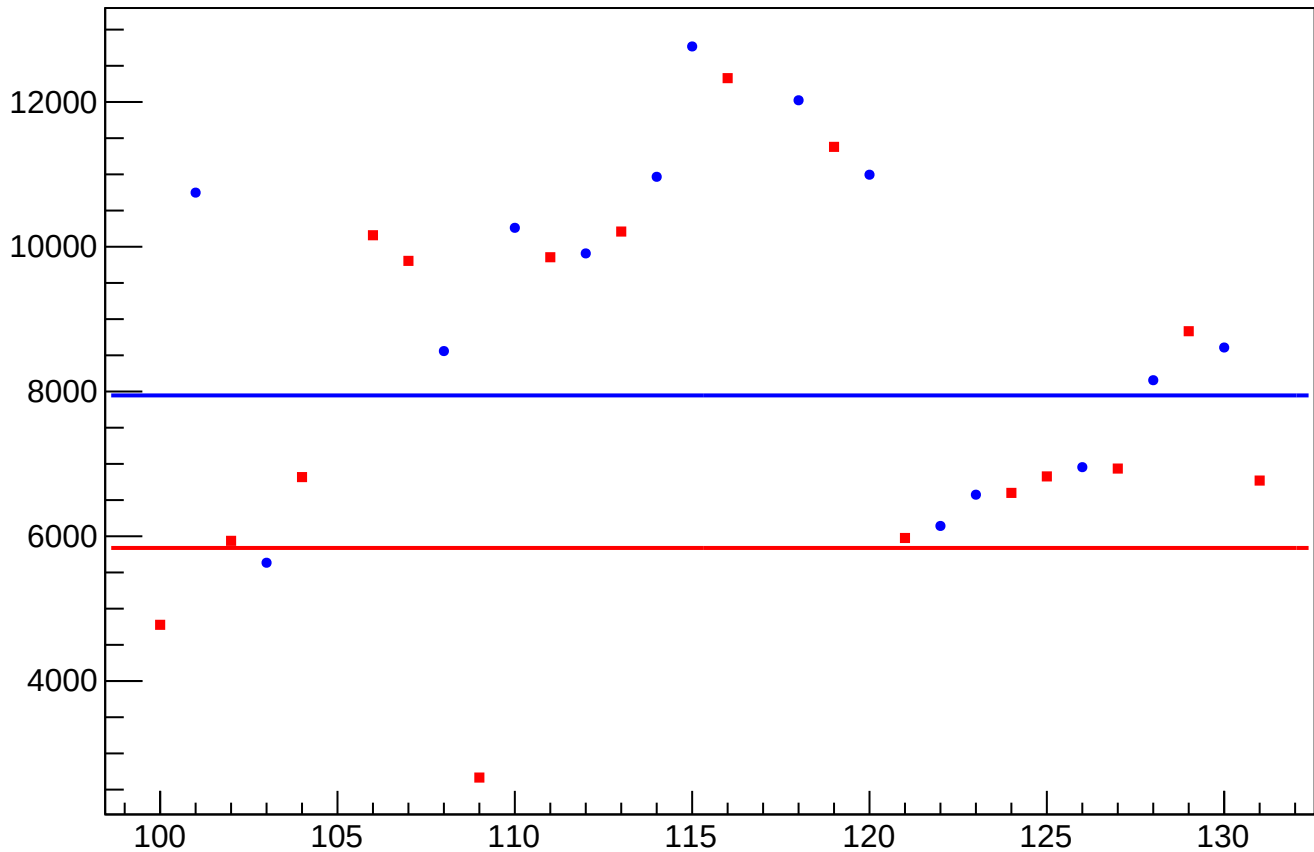
Right: -2.088+/-2.175 χ^2/NDF : 33.5/29

In: -2.923+/-3.613 χ^2/NDF : 13.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.088+/-2.175 χ^2/NDF : 33.5/29

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 7945.995+/-2.555 χ^2/NDF : 650778.4/13

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

Right Out: 5838.648+/-1.926 χ^2/NDF : 1983728.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

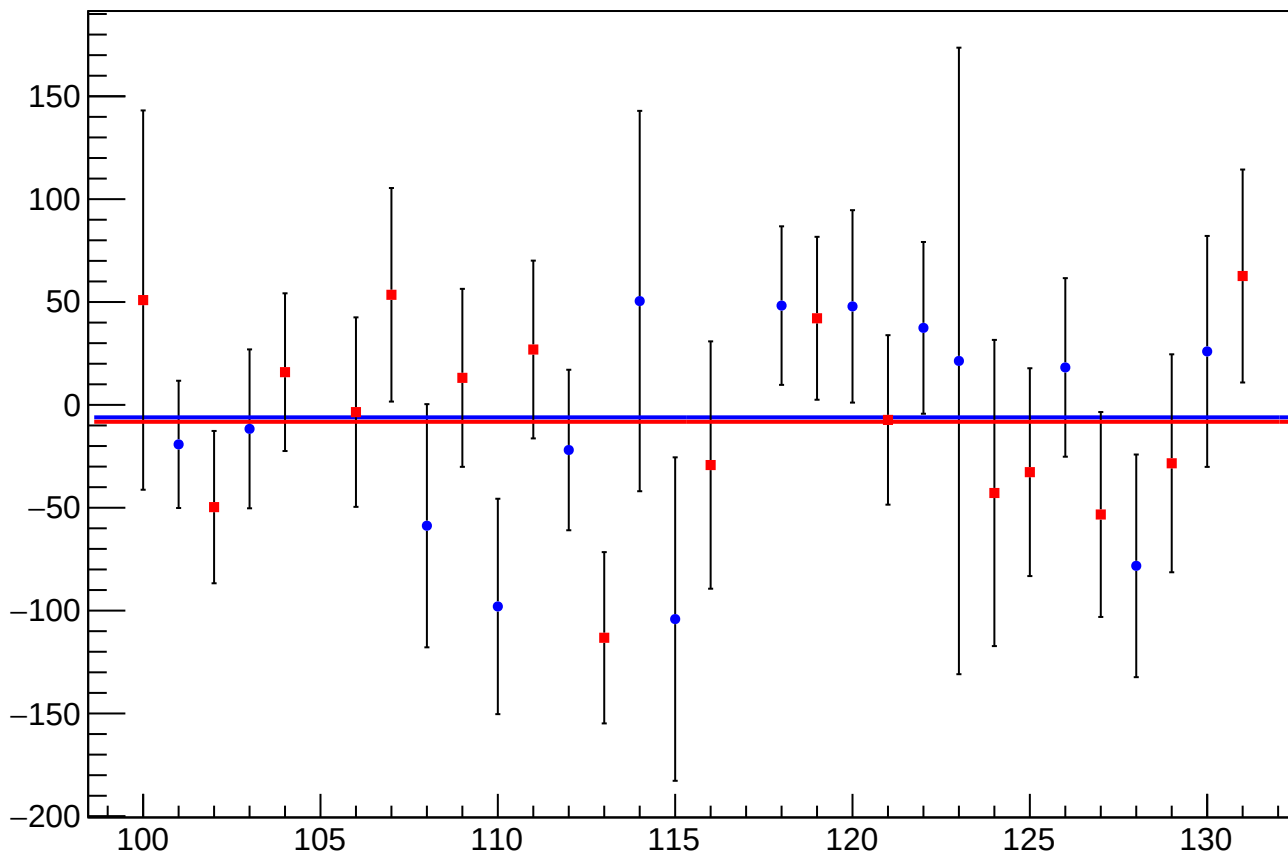
Right: 6602.243+/-1.538 χ^2/NDF : 3068252.9/29

In: 7945.995+/-2.555 χ^2/NDF : 650778.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6602.243+/-1.538 χ^2/NDF : 3068252.9/29

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -6.059+/-12.659 χ^2/NDF : 13.0/13

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

Right Out: -8.221+/-11.763 χ^2/NDF : 15.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

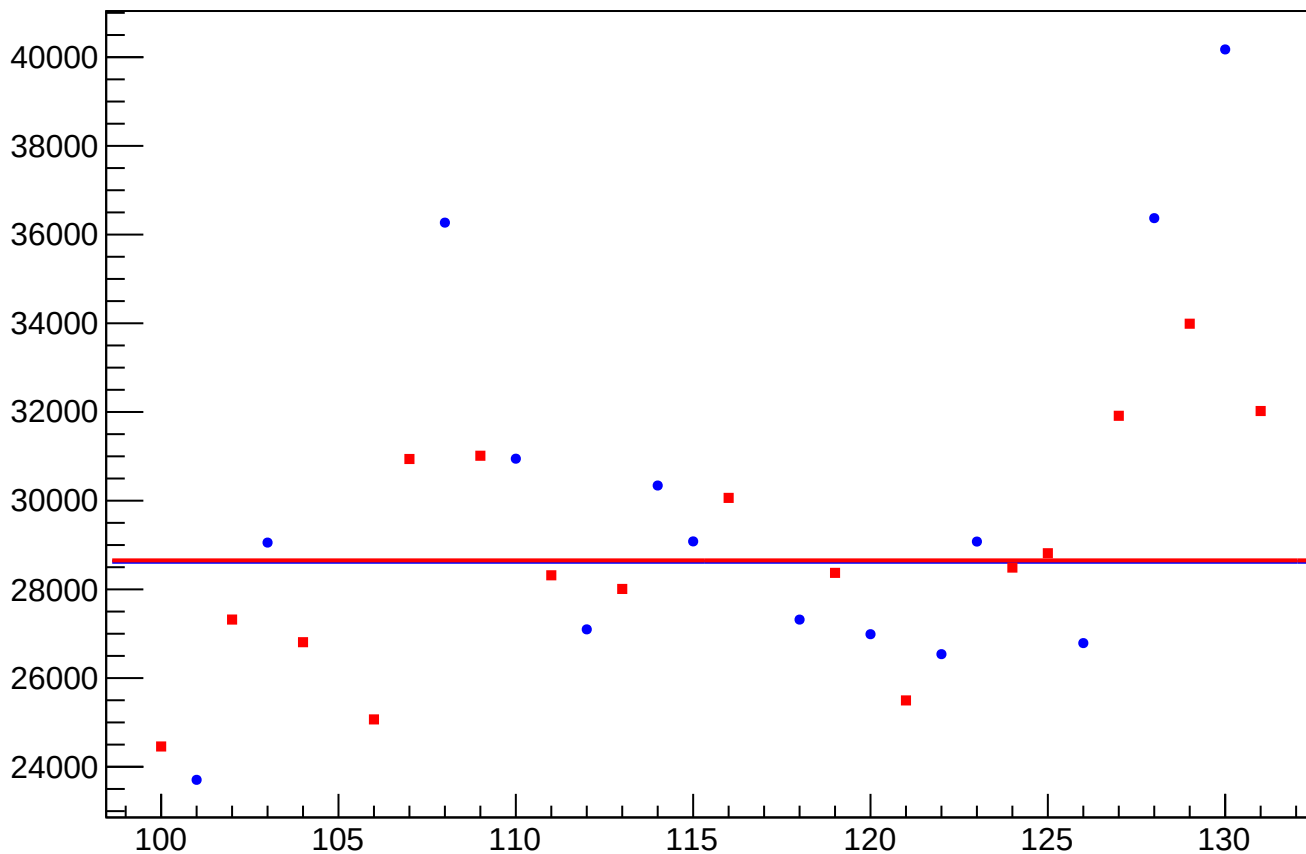
Right: -7.219+/-8.617 χ^2/NDF : 28.8/29

In: -6.059+/-12.659 χ^2/NDF : 13.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.219+/-8.617 χ^2/NDF : 28.8/29

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 28622.581+/-8.951 χ^2/NDF : 231040.6/13

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

Right Out: 28654.099+/-8.318 χ^2/NDF : 84244.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

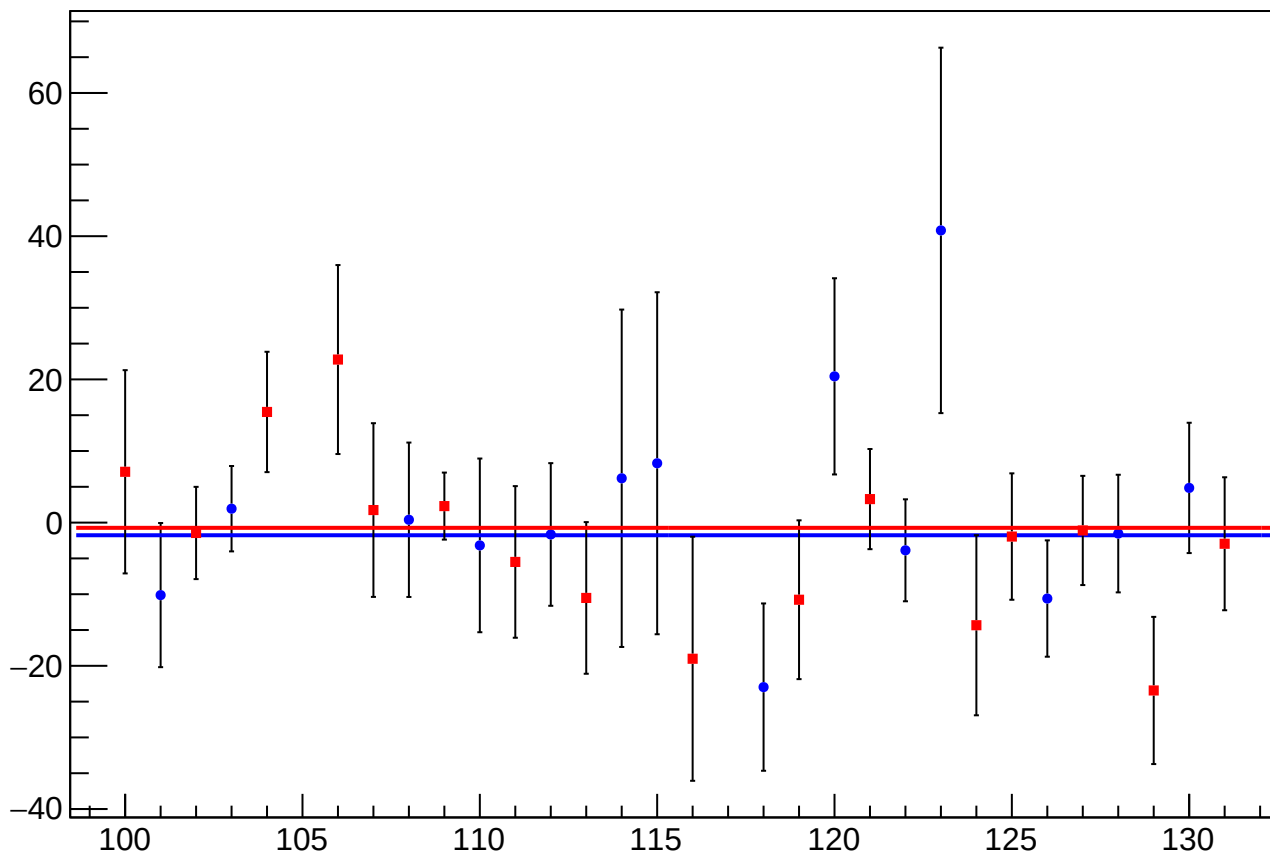
Right: 28639.494+/-6.093 χ^2/NDF : 315291.3/29

In: 28622.581+/-8.951 χ^2/NDF : 231040.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28639.494+/-6.093 χ^2/NDF : 315291.3/29

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -1.765 ± 2.644 χ^2/NDF : 11.9/13

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

Right Out: -0.729 ± 2.189 χ^2/NDF : 17.1/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

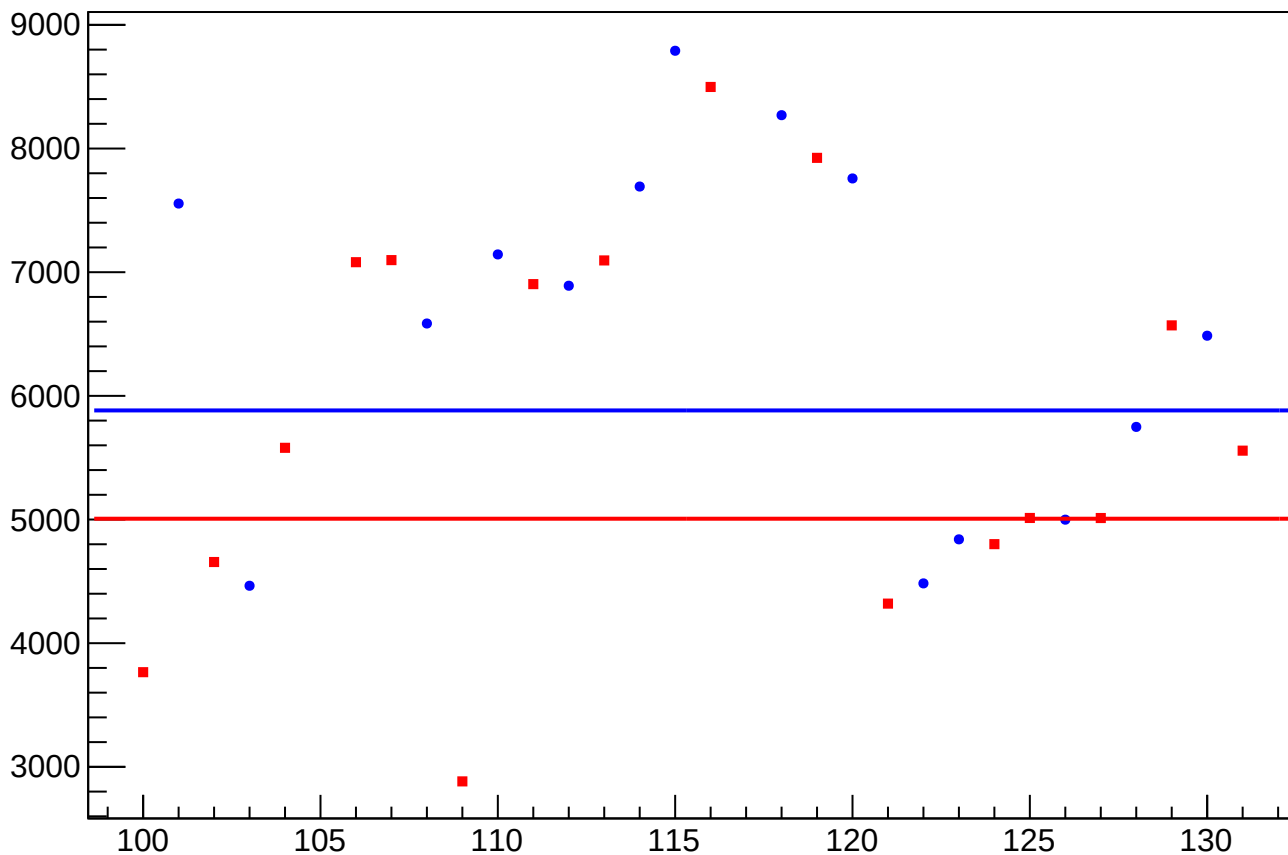
Right: -1.151 ± 1.686 χ^2/NDF : 29.2/29

In: -1.765 ± 2.644 χ^2/NDF : 11.9/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.151 ± 1.686 χ^2/NDF : 29.2/29

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5882.233+/-1.870 χ^2/NDF : 495007.0/13

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

Right Out: 5006.529+/-1.548 χ^2/NDF : 988911.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

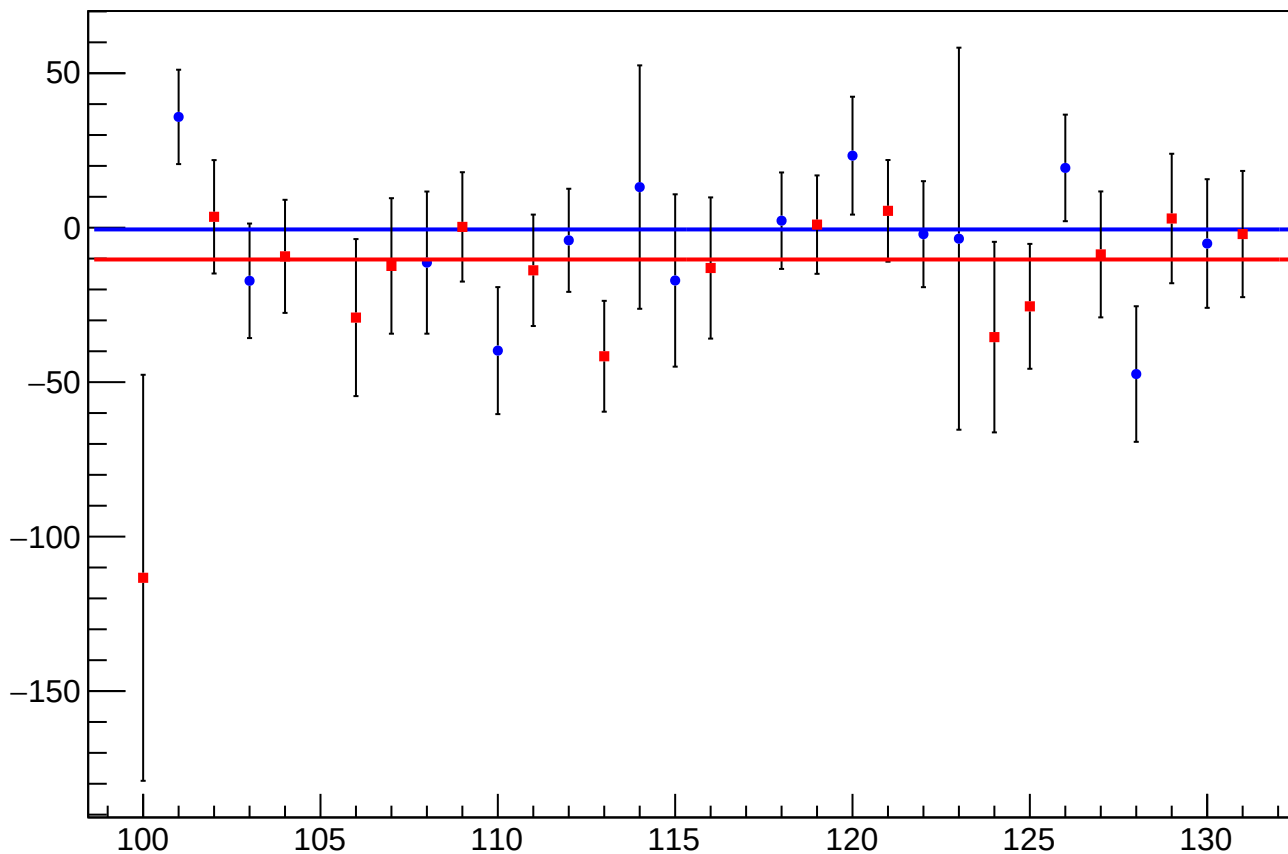
Right: 5362.624+/-1.192 χ^2/NDF : 1614064.1/29

In: 5882.233+/-1.870 χ^2/NDF : 495007.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5362.624+/-1.192 χ^2/NDF : 1614064.1/29

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.566+/-5.328 χ^2/NDF : 18.4/13

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

Right Out: -10.292+/-5.043 χ^2/NDF : 10.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

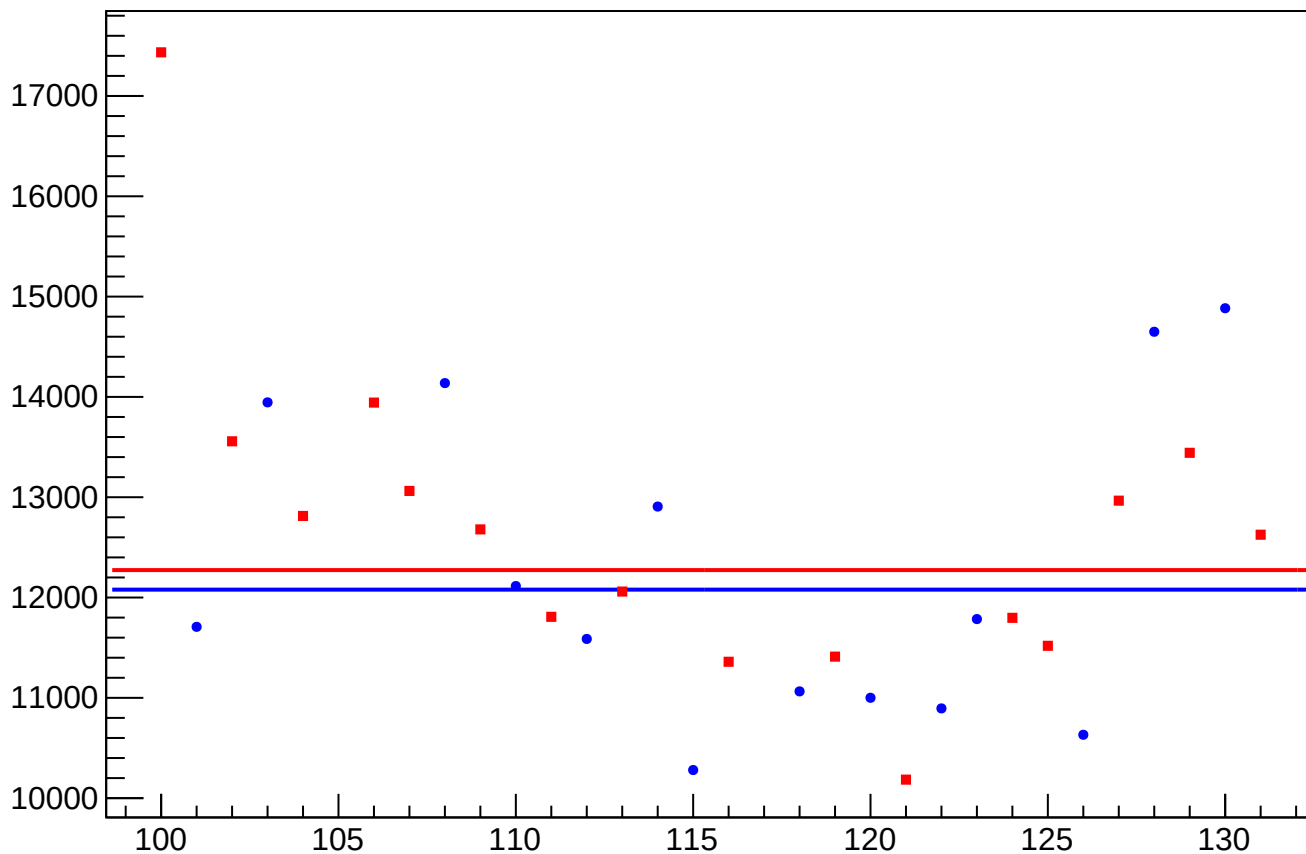
Right: -5.696+/-3.663 χ^2/NDF : 30.4/29

In: -0.566+/-5.328 χ^2/NDF : 18.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.696+/-3.663 χ^2/NDF : 30.4/29

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 12078.758+/-3.768 χ^2/NDF : 150642.1/13

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

Right Out: 12273.578+/-3.566 χ^2/NDF : 91452.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

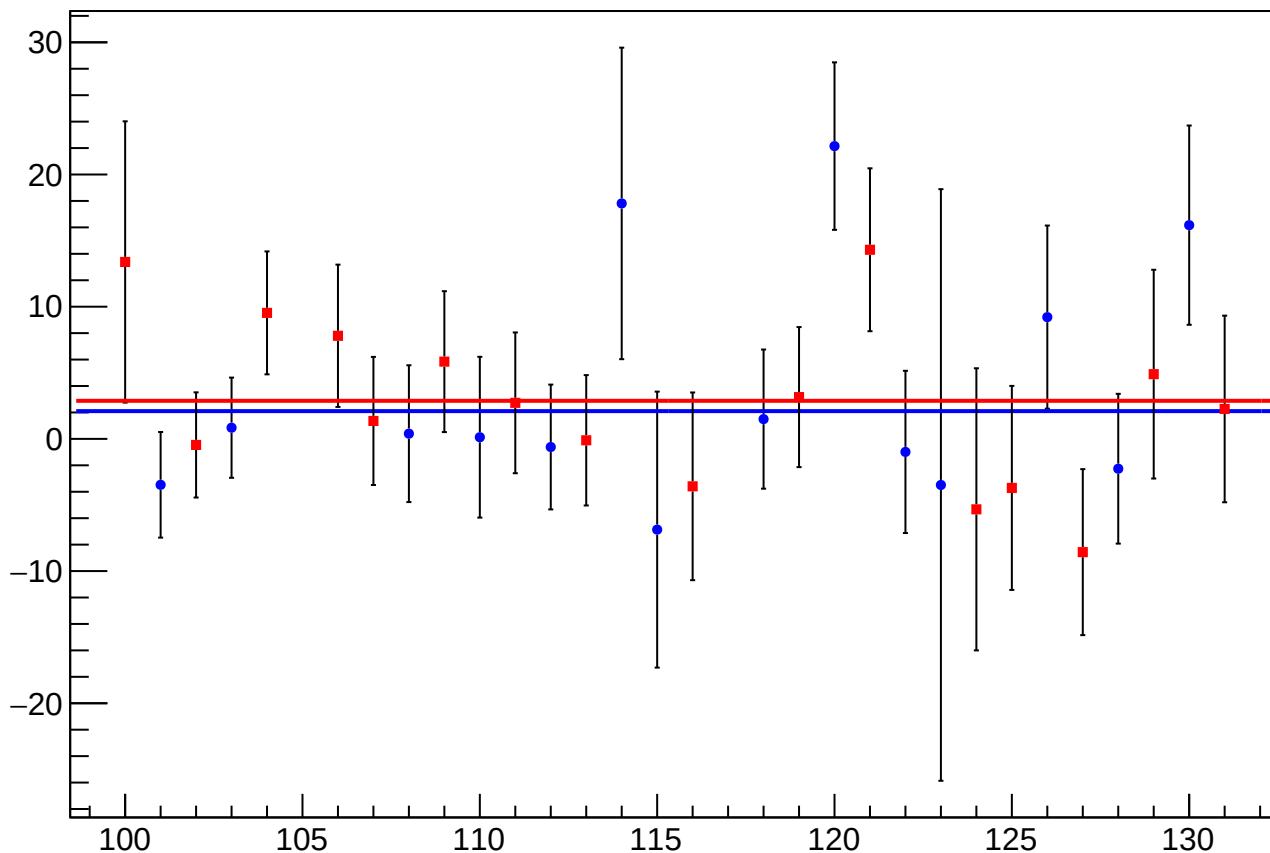
Right: 12181.513+/-2.590 χ^2/NDF : 243505.0/29

In: 12078.758+/-3.768 χ^2/NDF : 150642.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12181.513+/-2.590 χ^2/NDF : 243505.0/29

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 2.100 $\pm$ 1.548 χ^2 /NDF: 20.6/13

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

Right Out: 2.880 $\pm$ 1.450 χ^2 /NDF: 14.3/15

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

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

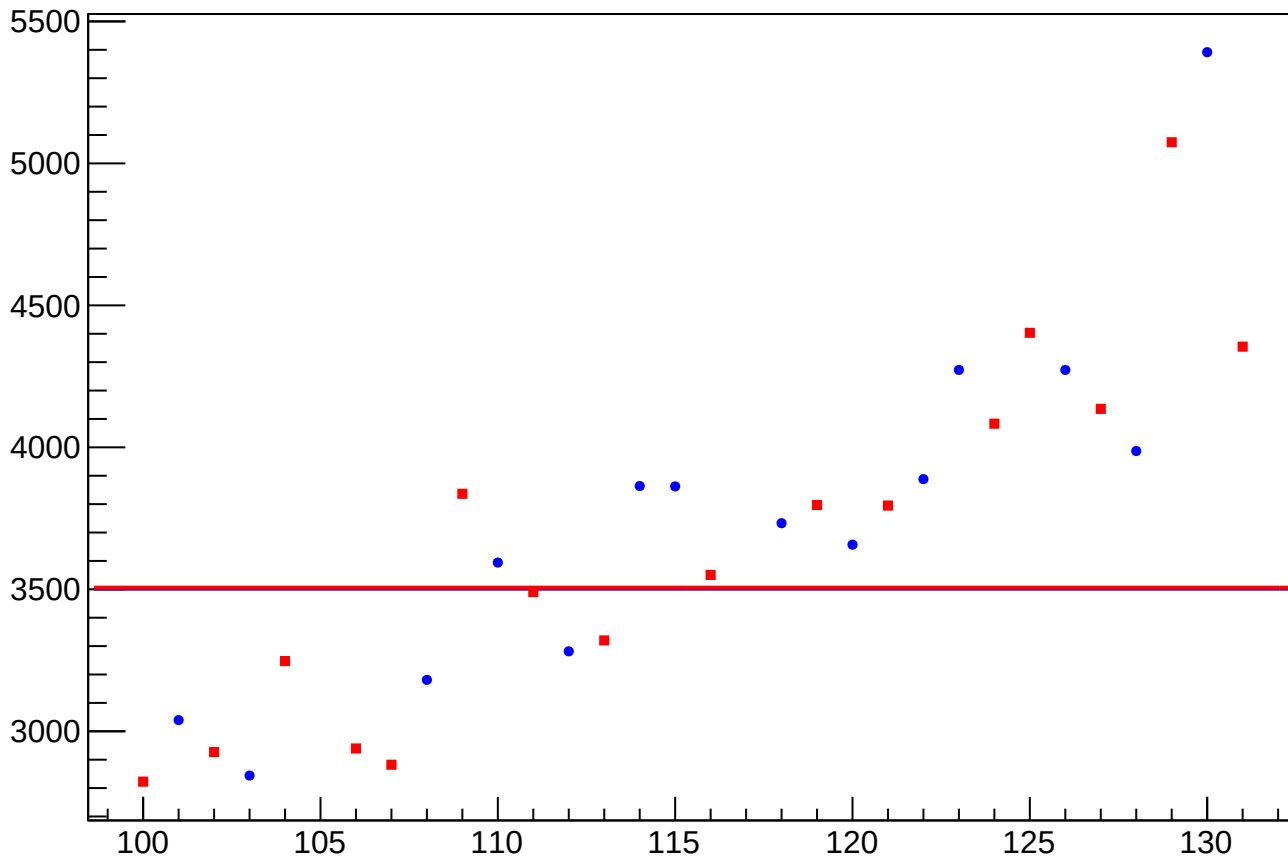
Right: 2.516 $\pm$ 1.058 χ^2 /NDF: 35.1/29

In: 2.100 $\pm$ 1.548 χ^2 /NDF:20.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.516 $\pm$ 1.058 χ^2 /NDF: 35.1/29

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3502.443+/-1.095 χ^2/NDF : 284306.9/13

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

Right Out: 3505.792+/-1.025 χ^2/NDF : 293960.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

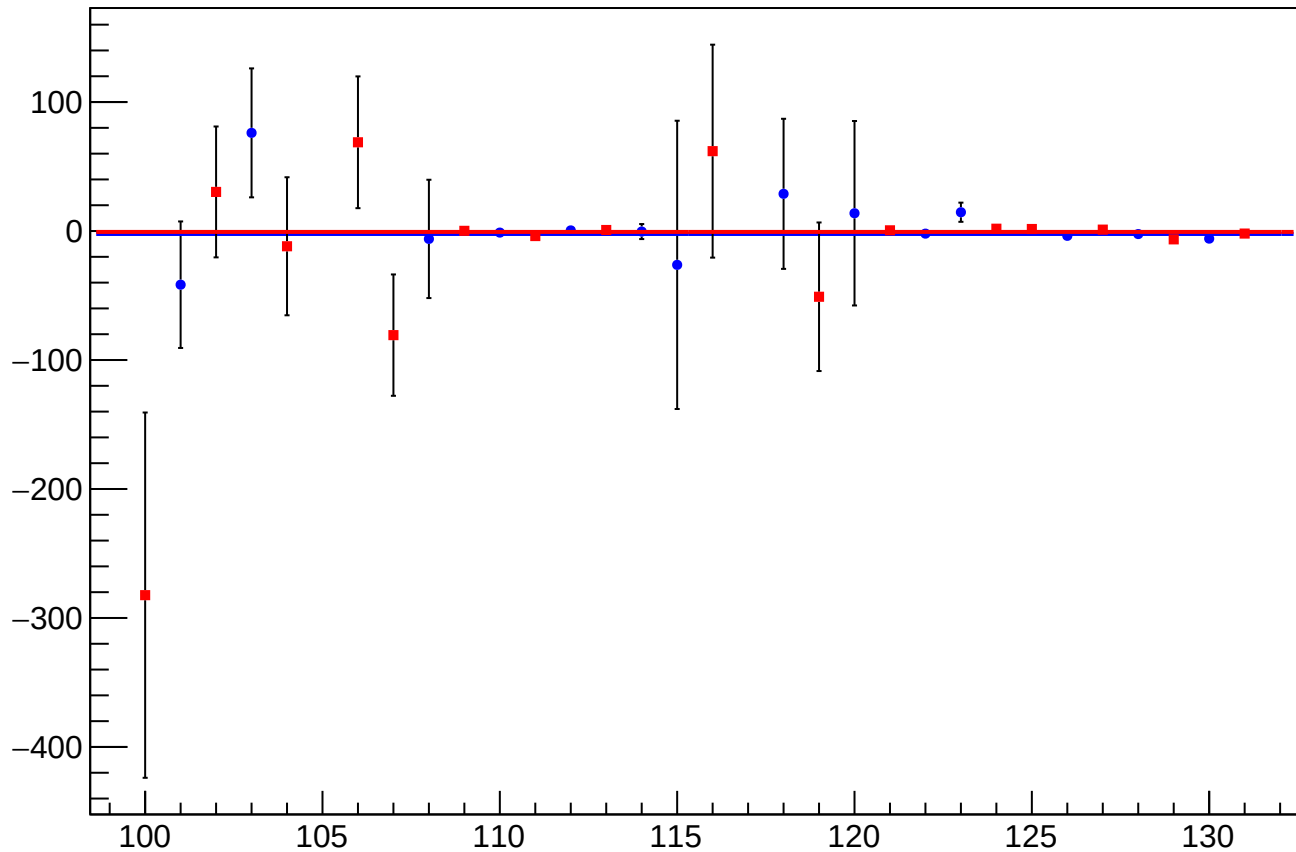
Right: 3504.228+/-0.748 χ^2/NDF : 578272.3/29

In: 3502.443+/-1.095 χ^2/NDF :284306.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3504.228+/-0.748 χ^2/NDF : 578272.3/29

diff_bpm1p02bX_mean vs Slug, Sign Corrected



Right In: -2.274 ± 0.967 χ^2/NDF : 12.9/13

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

Right Out: -0.684 ± 0.827 χ^2/NDF : 19.9/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

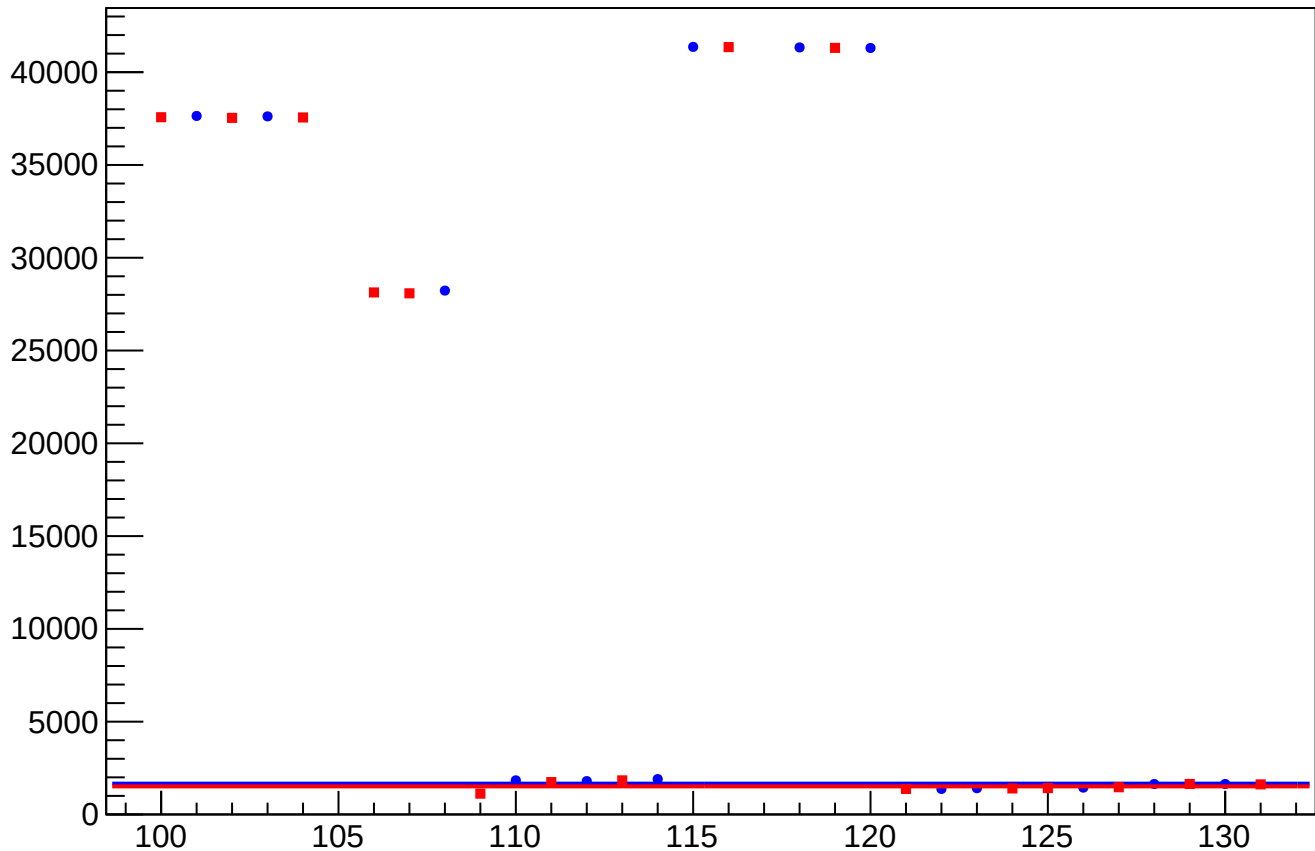
Right: -1.355 ± 0.628 χ^2/NDF : 34.3/29

In: -2.274 ± 0.967 χ^2/NDF : 12.9/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.355 ± 0.628 χ^2/NDF : 34.3/29

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 1659.791+/-0.684 χ^2/NDF : 4648274.2/13

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

Right Out: 1512.482+/-0.584 χ^2/NDF : 4811230.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

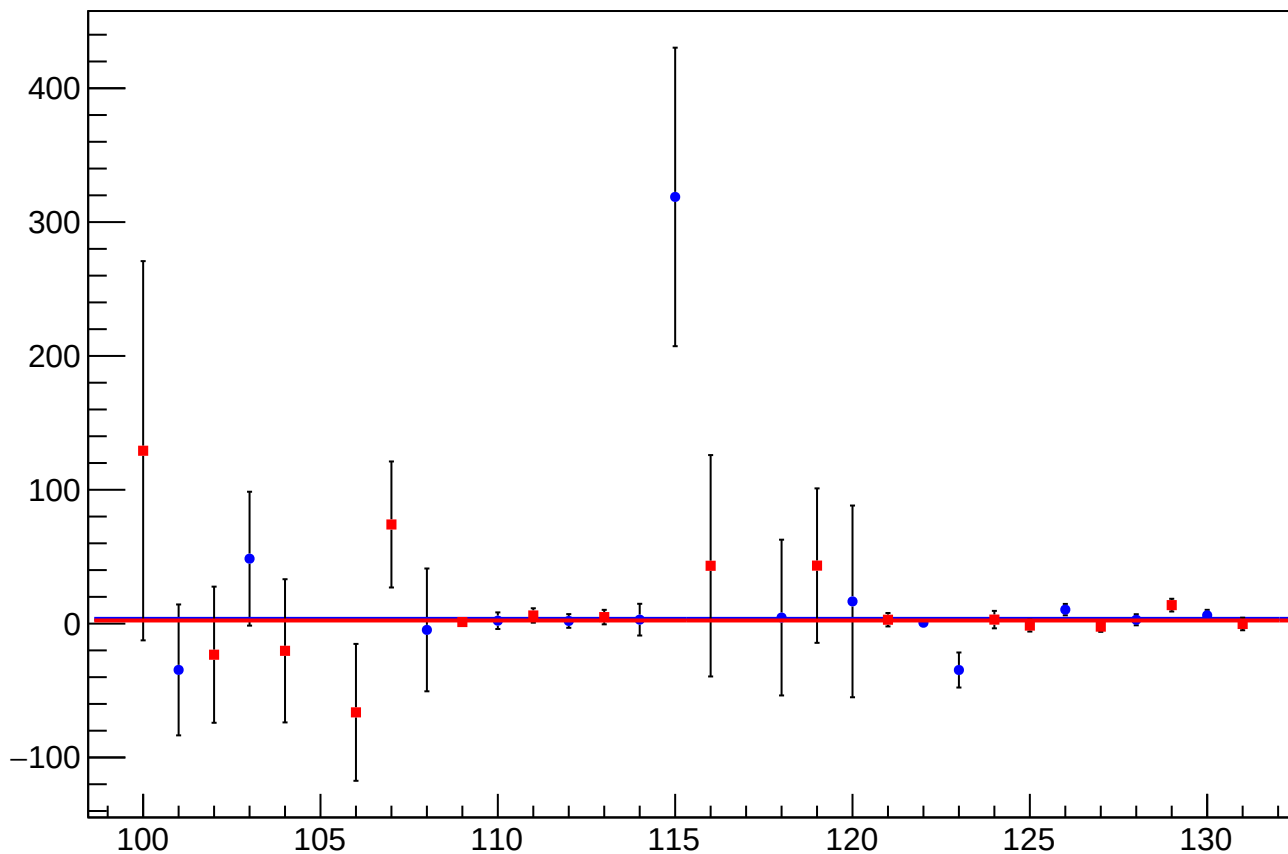
Right: 1574.657+/-0.444 χ^2/NDF : 9486313.9/29

In: 1659.791+/-0.684 χ^2/NDF : 4648274.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1574.657+/-0.444 χ^2/NDF : 9486313.9/29

diff_bpm1p02bY_mean vs Slug, Sign Corrected



Right In: 3.558+/-1.762 χ^2/NDF : 21.8/13

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

Right Out: 2.355+/-1.445 χ^2/NDF : 15.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

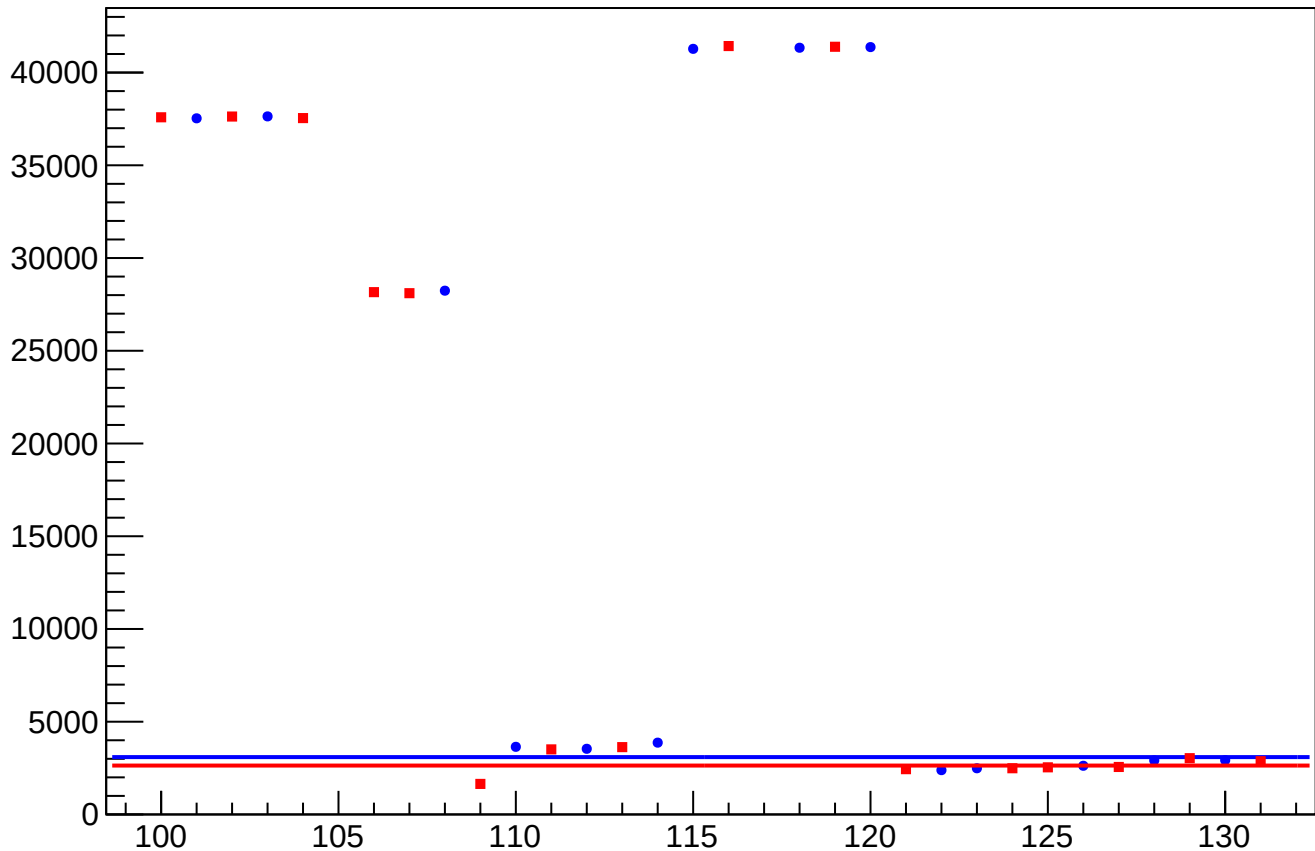
Right: 2.839+/-1.117 χ^2/NDF : 37.4/29

In: 3.558+/-1.762 χ^2/NDF : 21.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.839+/-1.117 χ^2/NDF : 37.4/29

diff_bpm1p02bY_rms vs Slug, Sign Corrected



Right In: 3092.360+/-1.246 χ^2/NDF : 4361249.0/13

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

Right Out: 2636.346+/-1.022 χ^2/NDF : 4762512.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

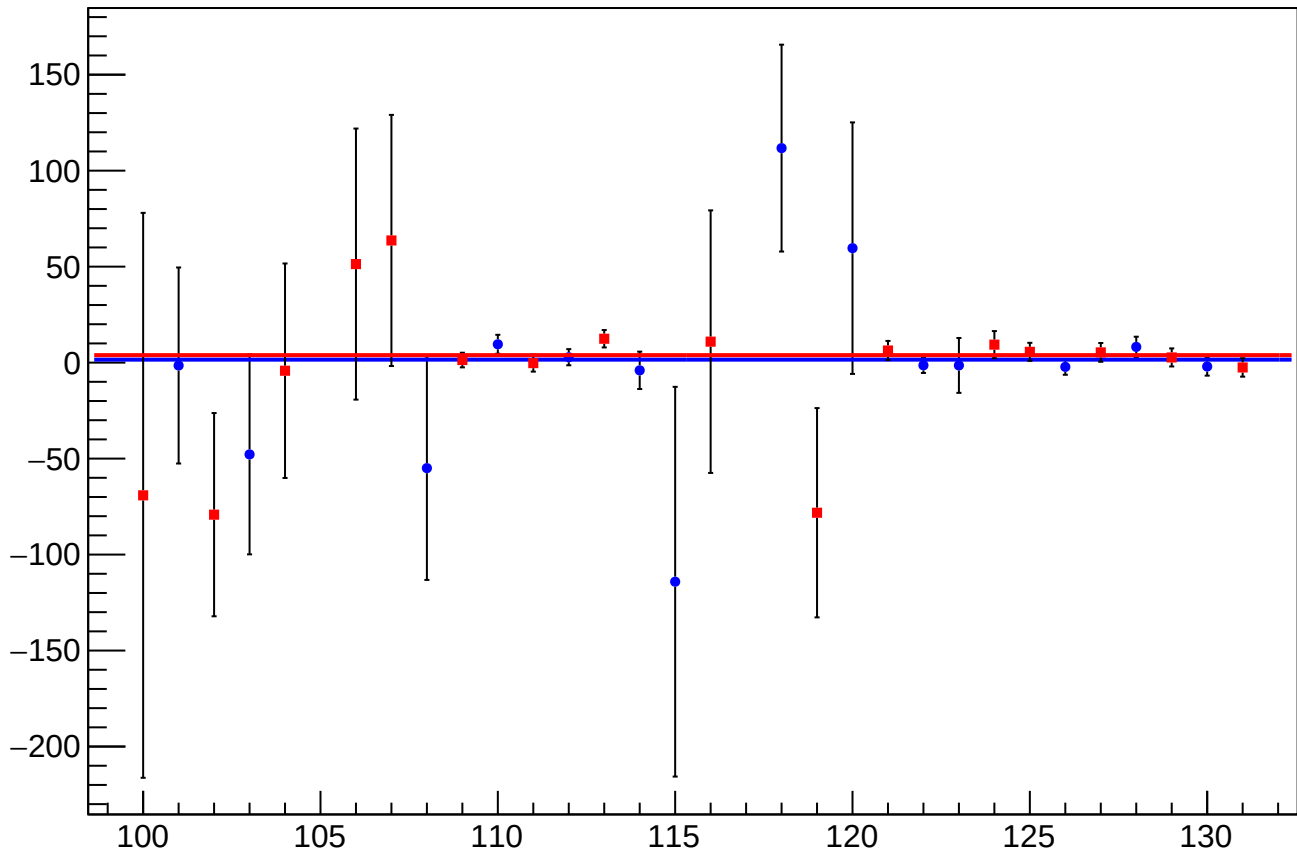
Right: 2819.678+/-0.790 χ^2/NDF : 9203840.1/29

In: 3092.360+/-1.246 χ^2/NDF : 4361249.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2819.678+/-0.790 χ^2/NDF : 9203840.1/29

diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: 1.552+/-1.779 χ^2/NDF : 14.7/13

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

Right Out: 3.901+/-1.569 χ^2/NDF : 14.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

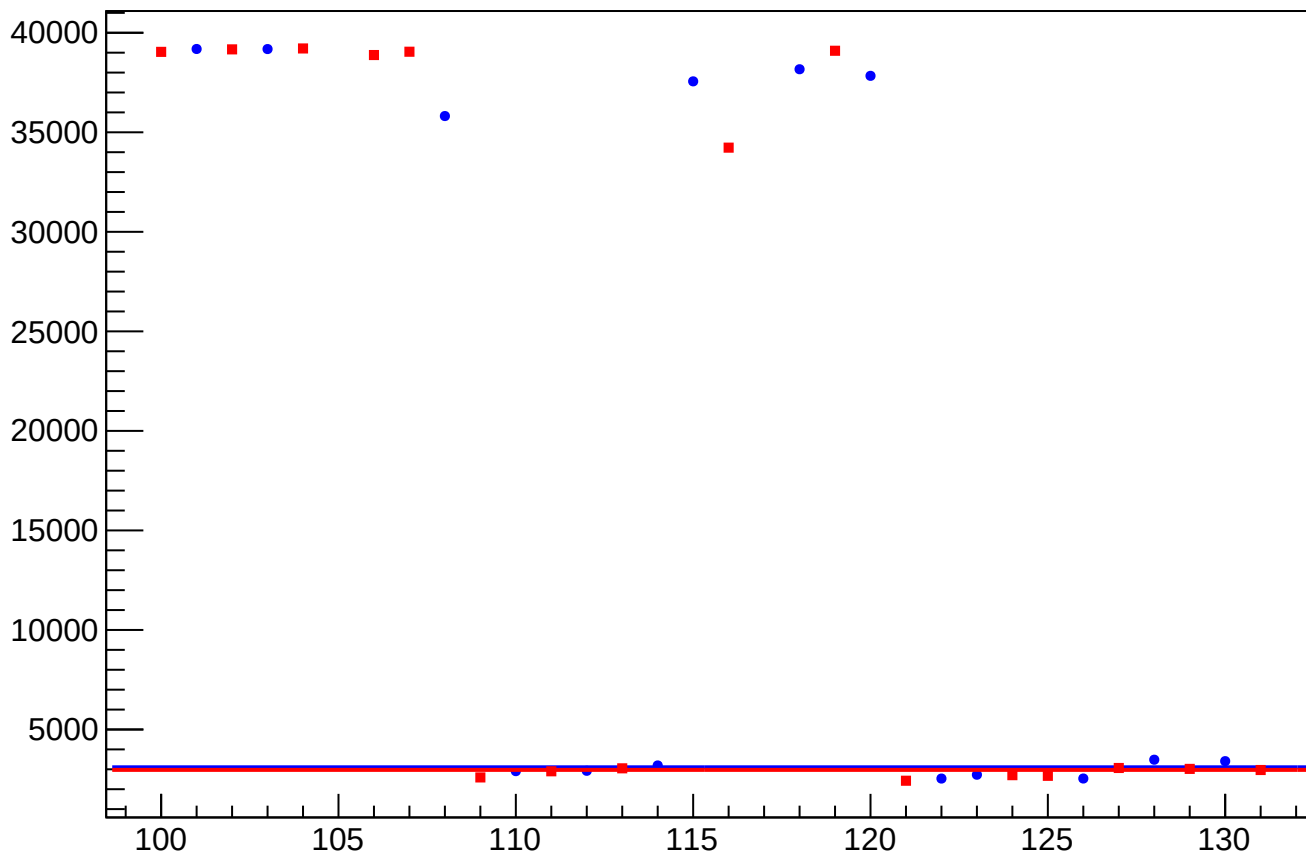
Right: 2.873+/-1.177 χ^2/NDF : 29.8/29

In: 1.552+/-1.779 χ^2/NDF : 14.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.873+/-1.177 χ^2/NDF : 29.8/29

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 3100.194+/-1.258 χ^2/NDF : 4334733.7/13

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

Right Out: 2970.952+/-1.109 χ^2/NDF : 4375166.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

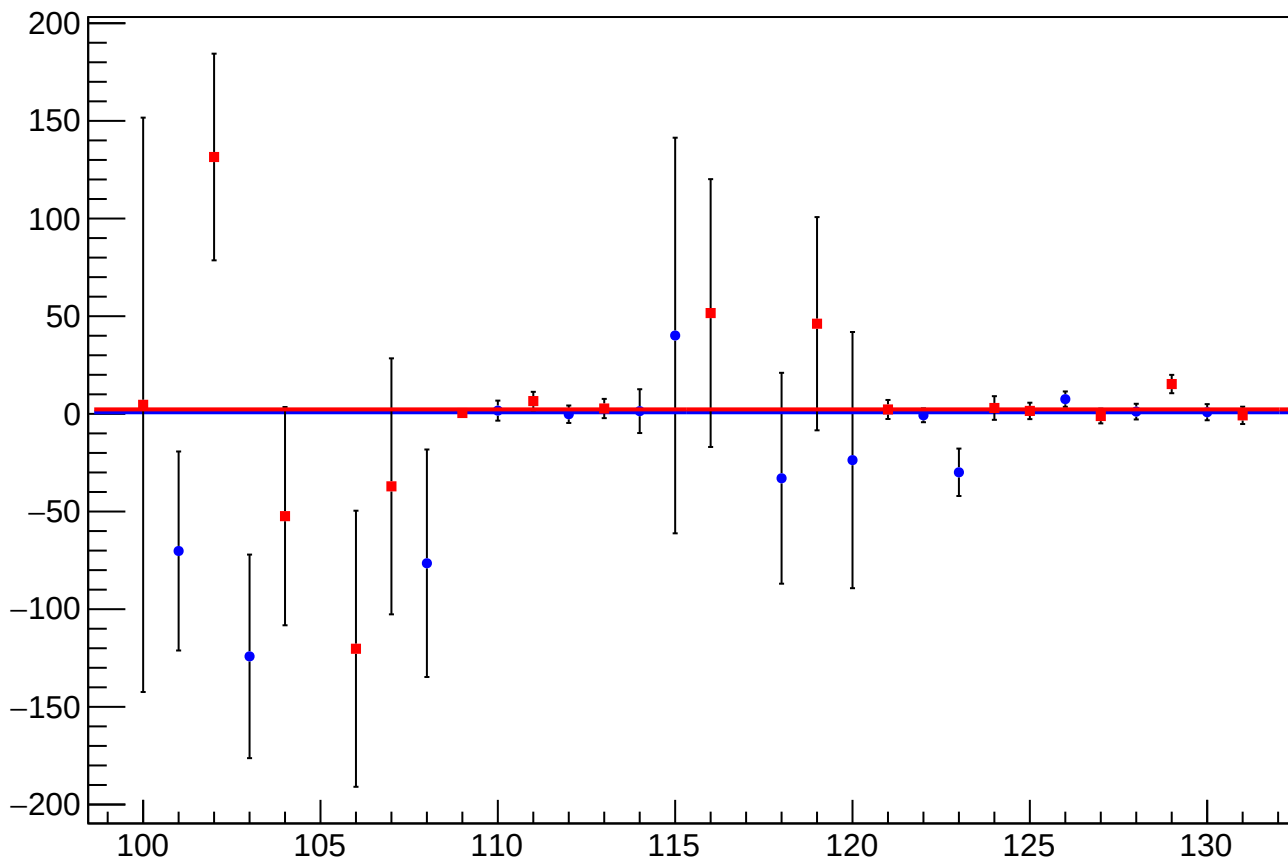
Right: 3027.511+/-0.832 χ^2/NDF : 8715839.5/29

In: 3100.194+/-1.258 χ^2/NDF : 4334733.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3027.511+/-0.832 χ^2/NDF : 8715839.5/29

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: 0.819 $\pm$ 1.644 χ^2 /NDF: 19.8/13

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

Right Out: 2.295 $\pm$ 1.298 χ^2 /NDF: 22.0/15

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

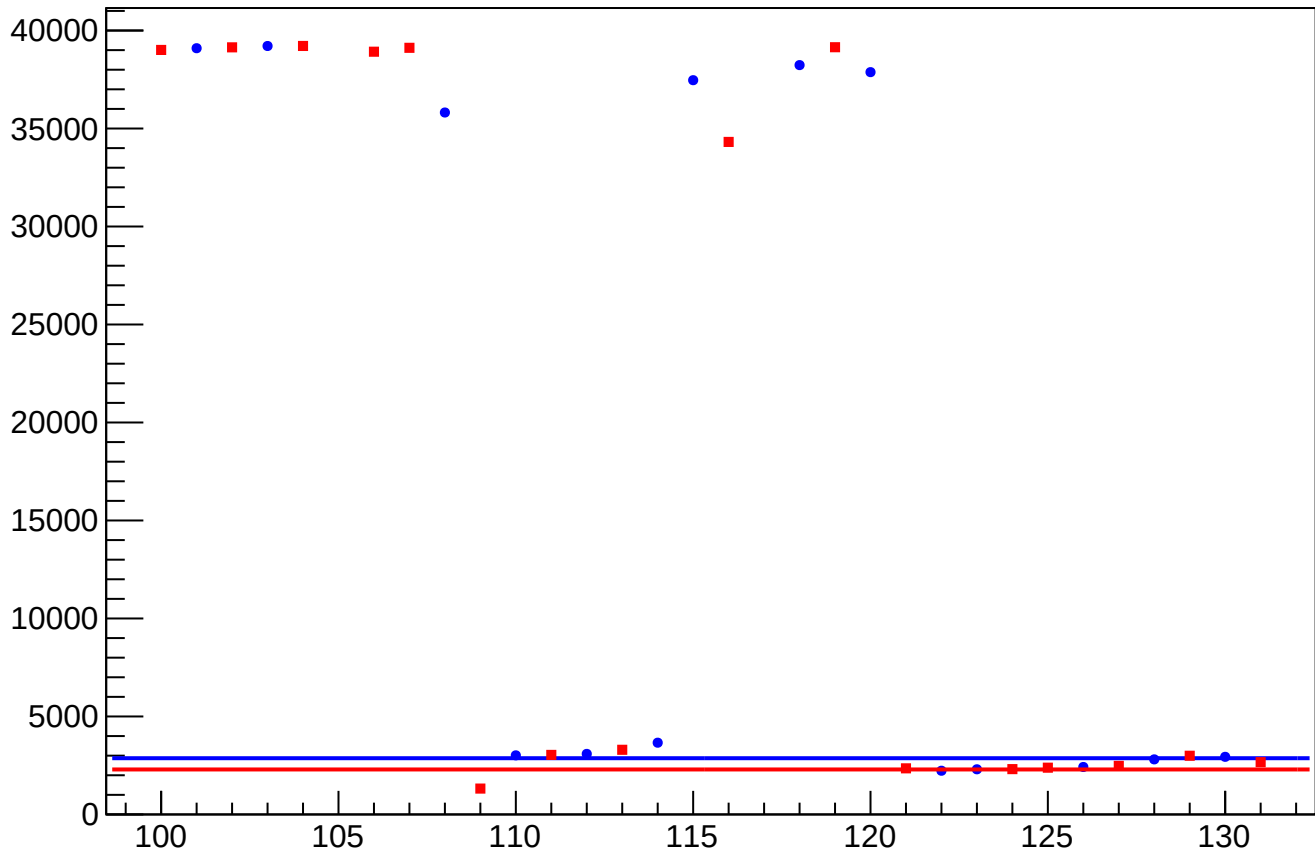
Right: 1.728 $\pm$ 1.019 χ^2 /NDF: 42.2/29

In: 0.819 $\pm$ 1.644 χ^2 /NDF:19.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.728 $\pm$ 1.019 χ^2 /NDF: 42.2/29

diff_bpm1p03aY_rms vs Slug, Sign Corrected



Right In: 2869.865+/-1.162 χ^2/NDF : 4399133.0/13

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

Right Out: 2295.792+/-0.918 χ^2/NDF : 5086987.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

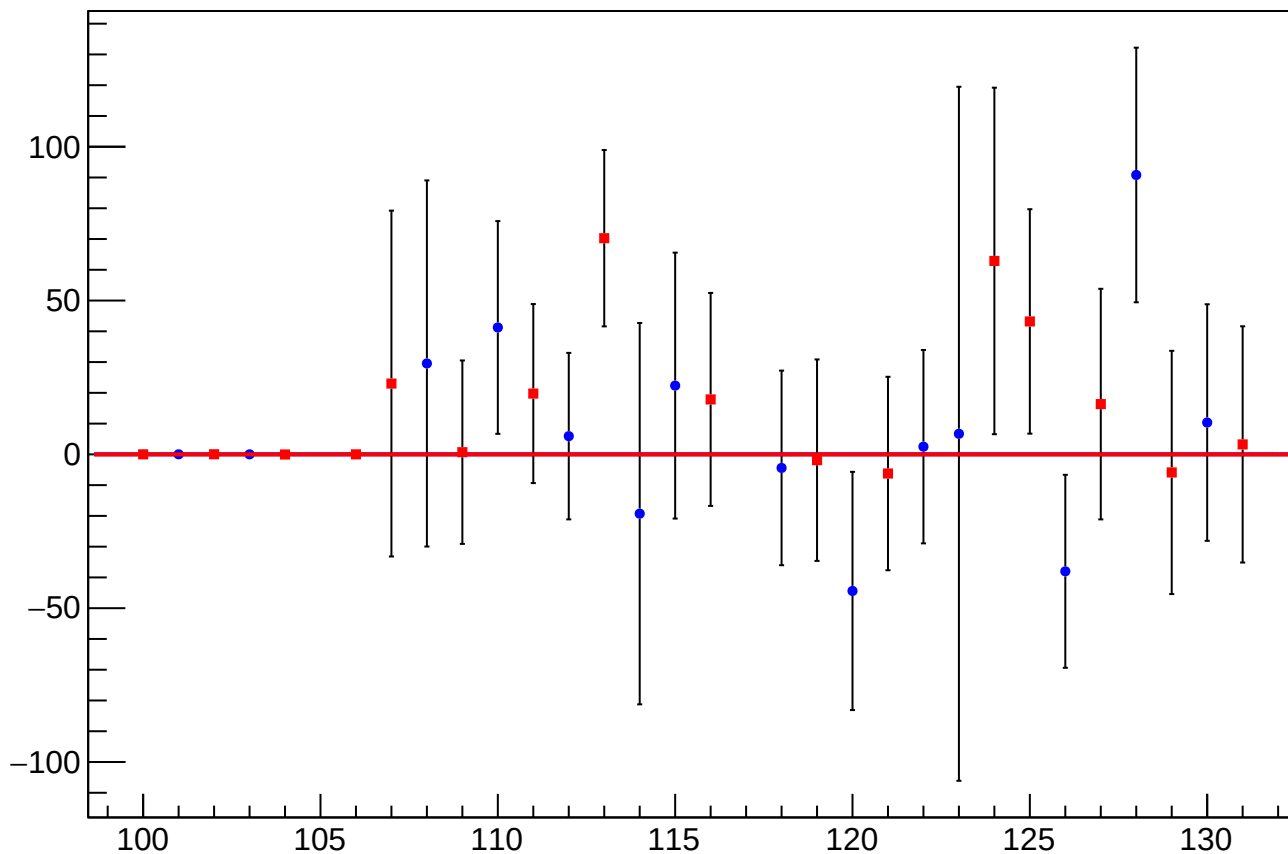
Right: 2516.281+/-0.720 χ^2/NDF : 9636382.4/29

In: 2869.865+/-1.162 χ^2/NDF : 4399133.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2516.281+/-0.720 χ^2/NDF : 9636382.4/29

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.017 χ^2 /NDF: 9.9/13

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

Right Out: -0.003 $\pm$ 0.016 χ^2 /NDF: 14.6/15

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

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

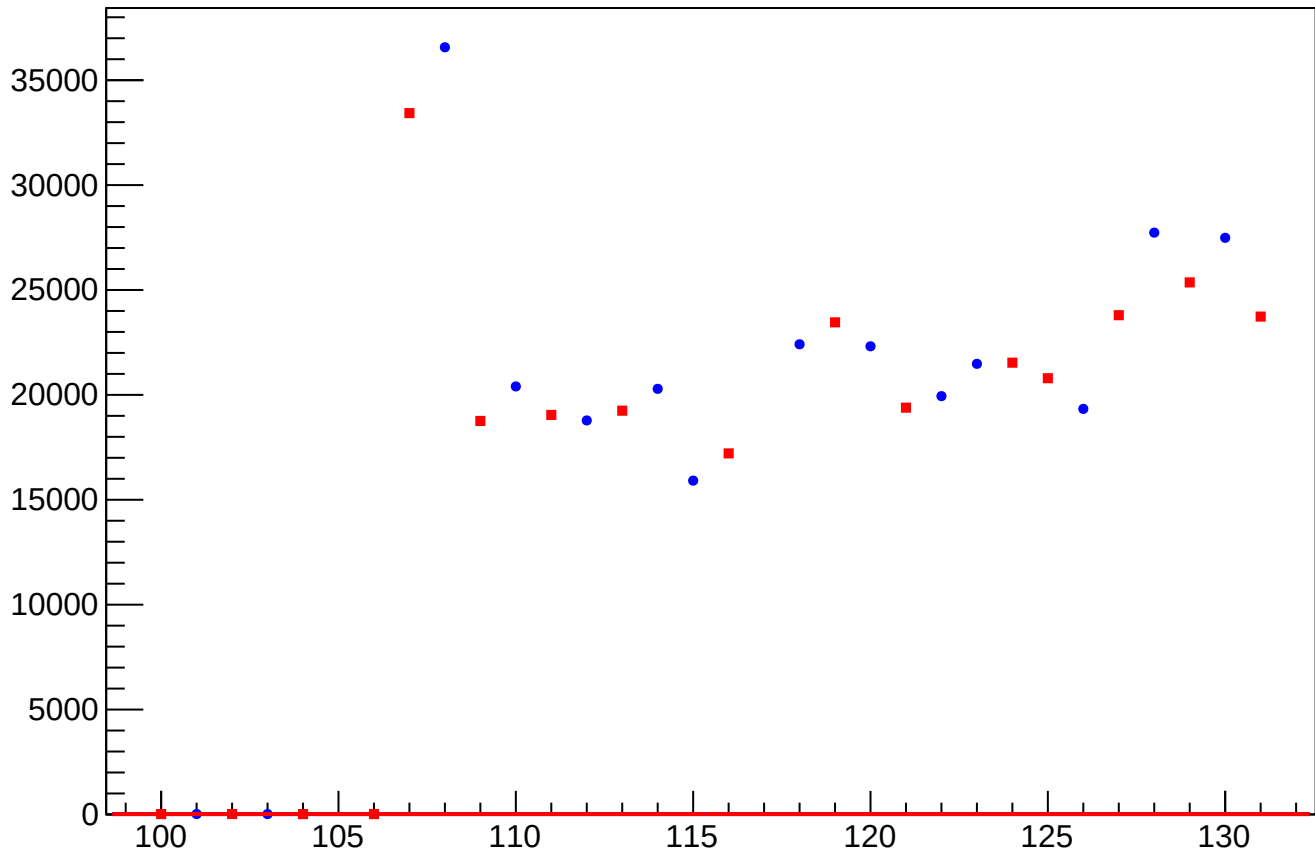
Right: 0.004 $\pm$ 0.012 χ^2 /NDF: 25.1/29

In: 0.013 $\pm$ 0.017 χ^2 /NDF:9.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.012 χ^2 /NDF: 25.1/29

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 18.614+/-0.012 χ^2/NDF : 8125389.1/13

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

Right Out: 18.295+/-0.011 χ^2/NDF : 8872748.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

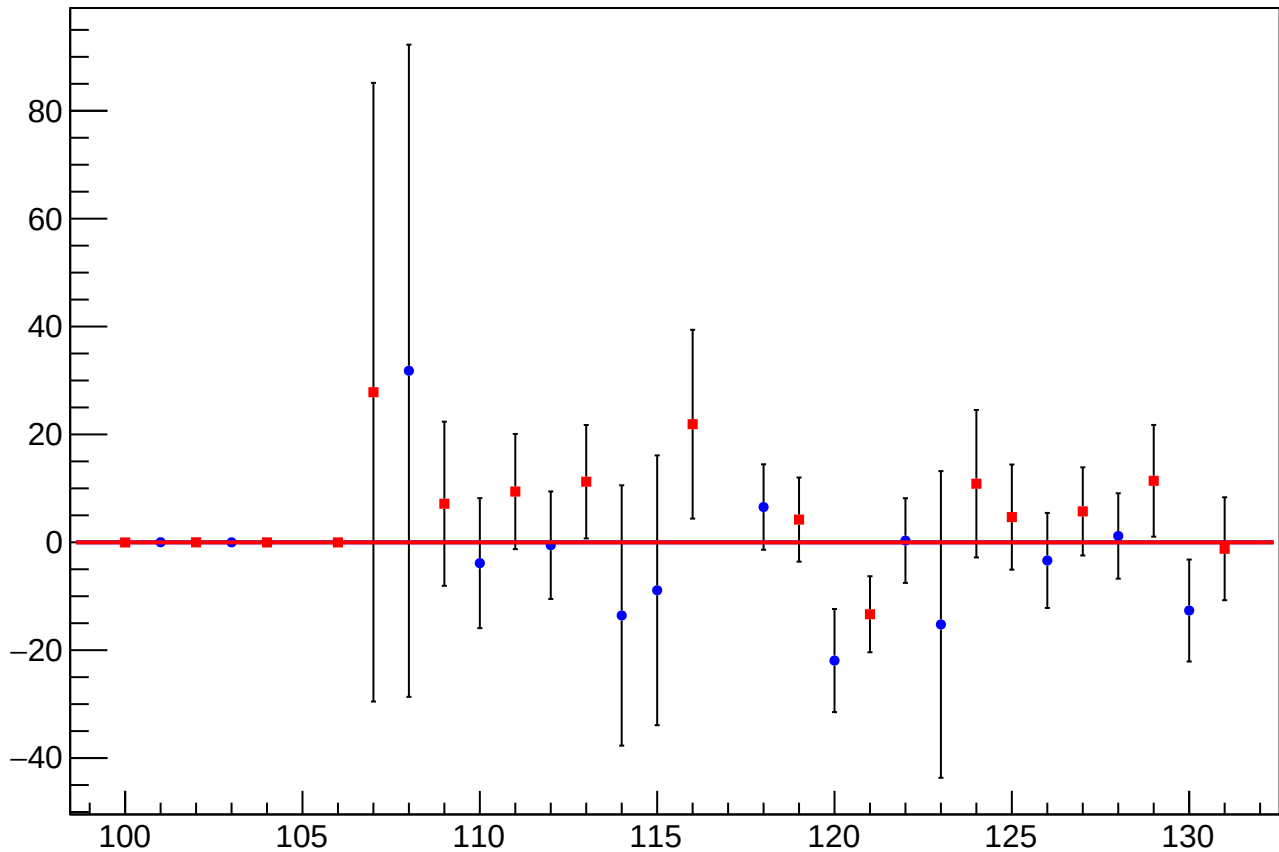
Right: 18.442+/-0.008 χ^2/NDF : 16998502.4/29

In: 18.614+/-0.012 χ^2/NDF : 8125389.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.442+/-0.008 χ^2/NDF : 16998502.4/29

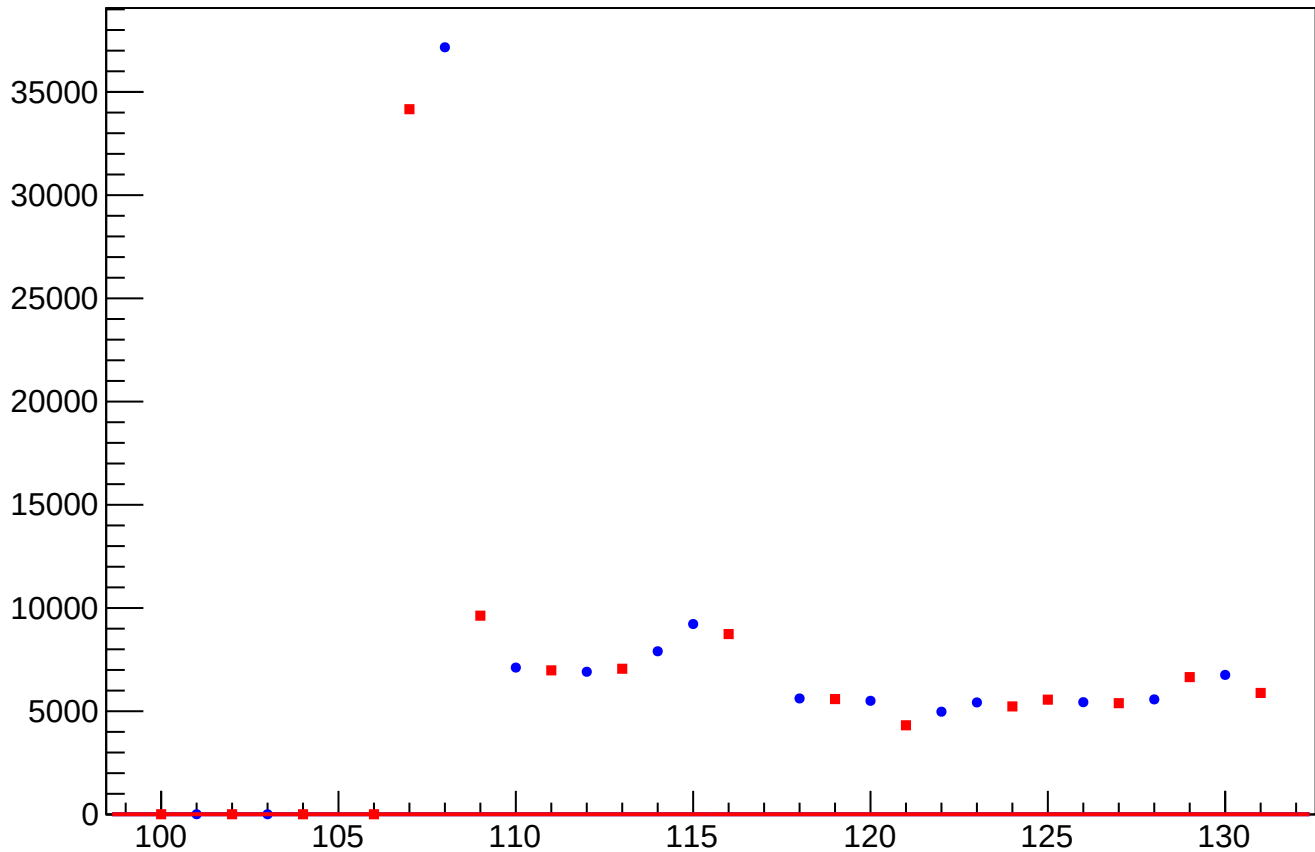
diff_cav4bY_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.009 χ^2 /NDF: 10.1/13
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
Right Out: -0.014 $\pm$ 0.009 χ^2 /NDF: 11.1/15
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: 22.6/29
In: 0.001 $\pm$ 0.009 χ^2 /NDF:10.1/13
Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
All: -0.007 $\pm$ 0.006 χ^2 /NDF: 22.6/29

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 9.908+/-0.007 χ^2/NDF : 8211744.8/13

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

Right Out: 9.831+/-0.006 χ^2/NDF : 8934715.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

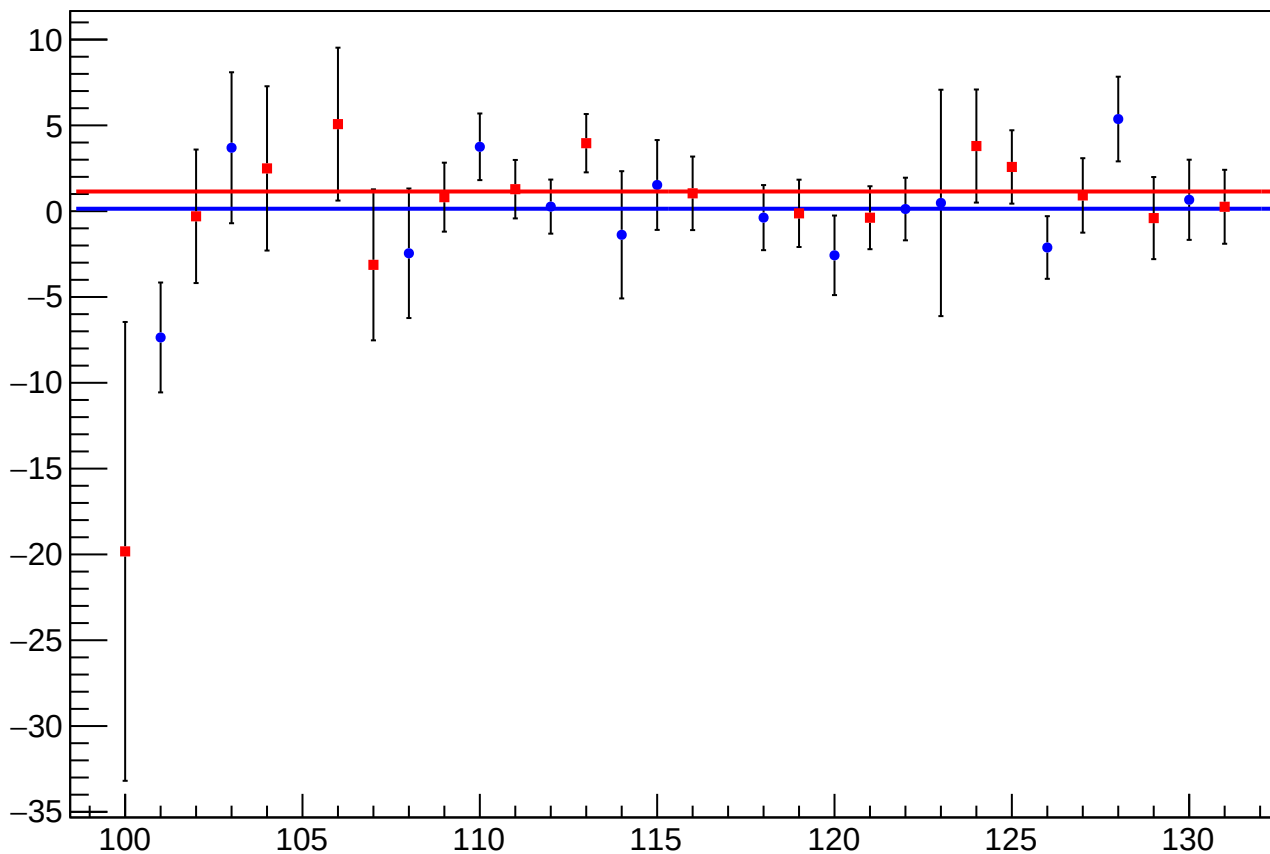
Right: 9.867+/-0.004 χ^2/NDF : 17146535.0/29

In: 9.908+/-0.007 χ^2/NDF : 8211744.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.867+/-0.004 χ^2/NDF : 17146535.0/29

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: 0.142 $\pm$ 0.627 χ^2 /NDF: 18.0/13

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

Right Out: 1.147 $\pm$ 0.593 χ^2 /NDF: 10.0/15

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

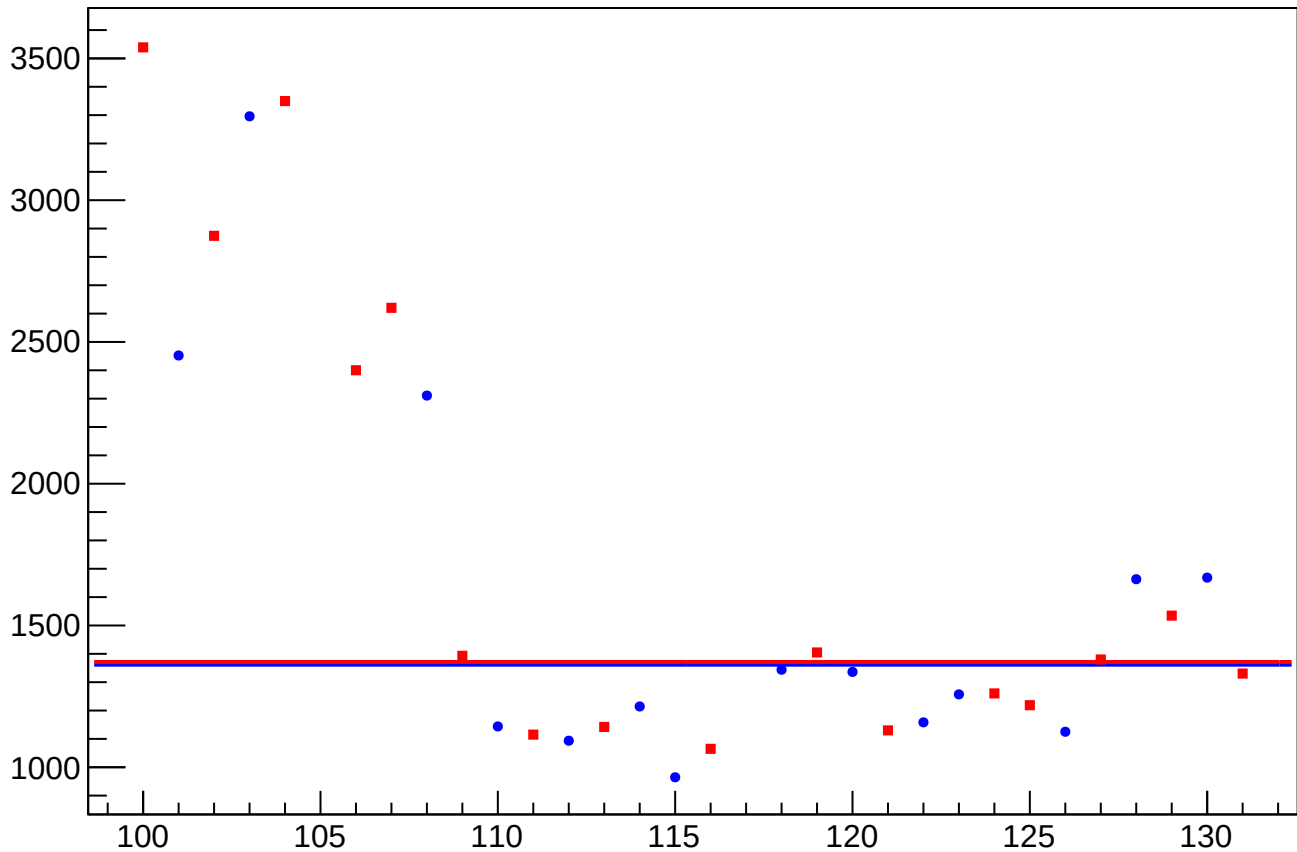
Right: 0.673 $\pm$ 0.431 χ^2 /NDF: 29.4/29

In: 0.142 $\pm$ 0.627 χ^2 /NDF:18.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.673 $\pm$ 0.431 χ^2 /NDF: 29.4/29

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 1361.779 $\pm$ 0.443 χ^2 /NDF: 1001479.1/13

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

Right Out: 1371.382 $\pm$ 0.419 χ^2 /NDF: 1141329.9/15

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

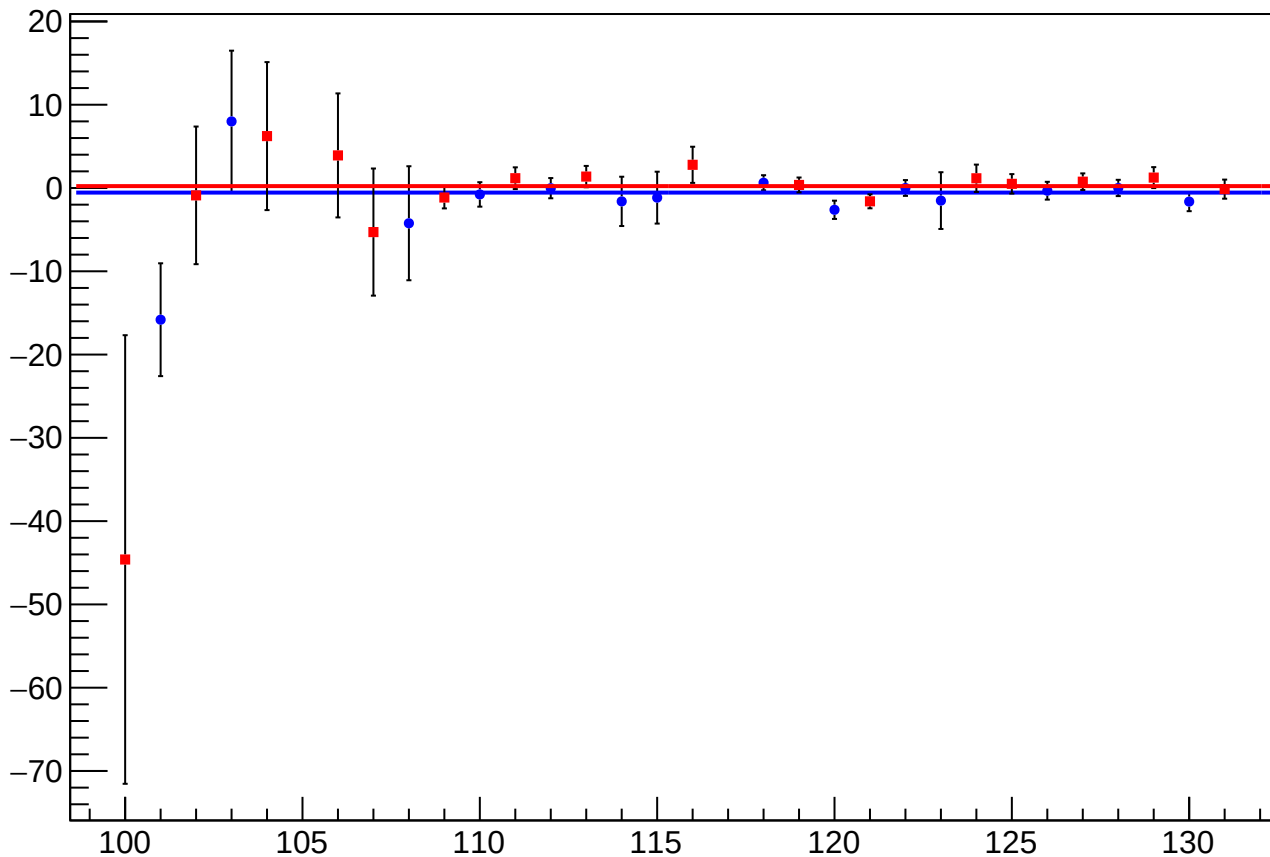
Right: 1366.850 $\pm$ 0.305 χ^2 /NDF: 2143056.6/29

In: 1361.779 $\pm$ 0.443 χ^2 /NDF:1001479.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1366.850 $\pm$ 0.305 χ^2 /NDF: 2143056.6/29

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.550+/-0.369 χ^2/NDF : 13.7/13

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

Right Out: 0.228+/-0.348 χ^2/NDF : 14.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

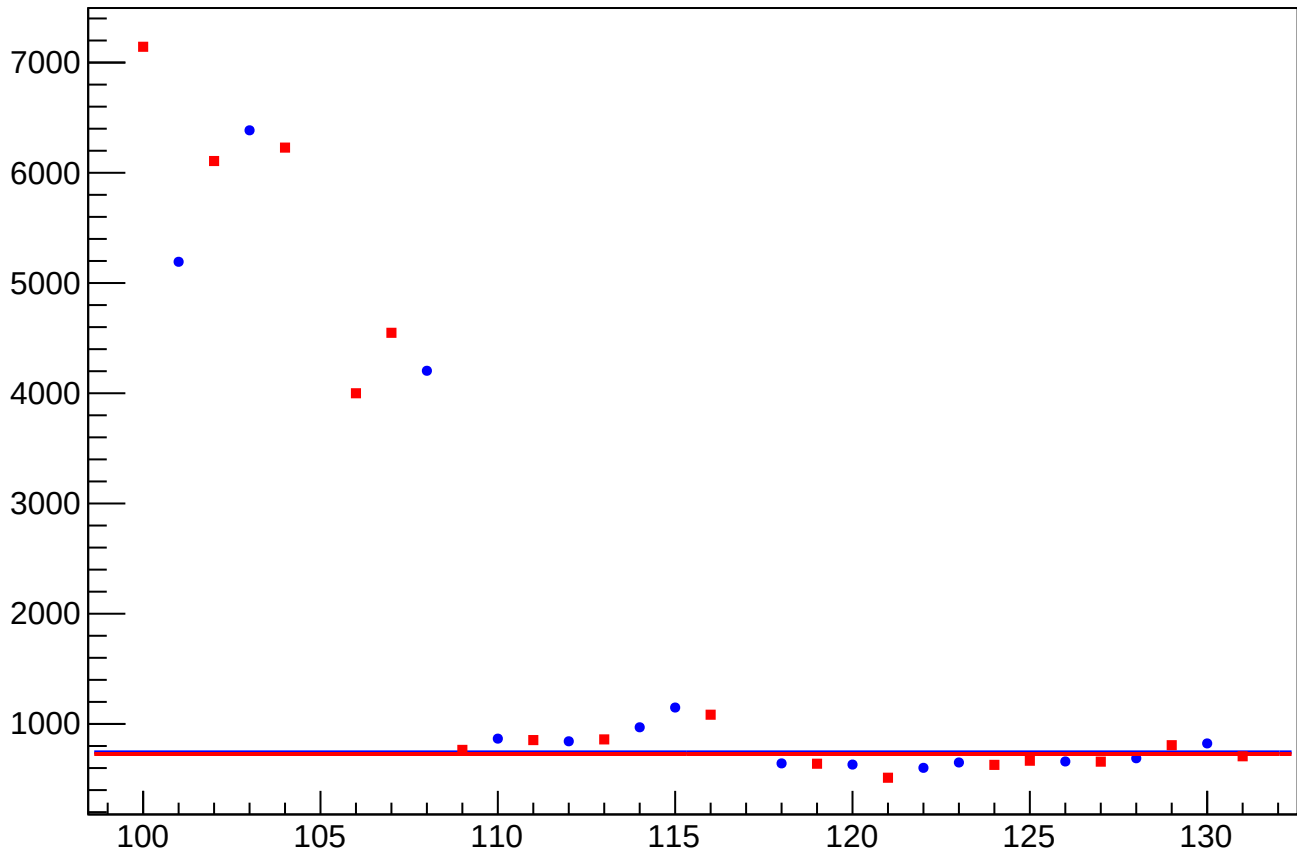
Right: -0.139+/-0.253 χ^2/NDF : 30.1/29

In: -0.550+/-0.369 χ^2/NDF : 13.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.139+/-0.253 χ^2/NDF : 30.1/29

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 742.017+/-0.261 χ^2/NDF : 2449291.9/13

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

Right Out: 727.533+/-0.246 χ^2/NDF : 2893249.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

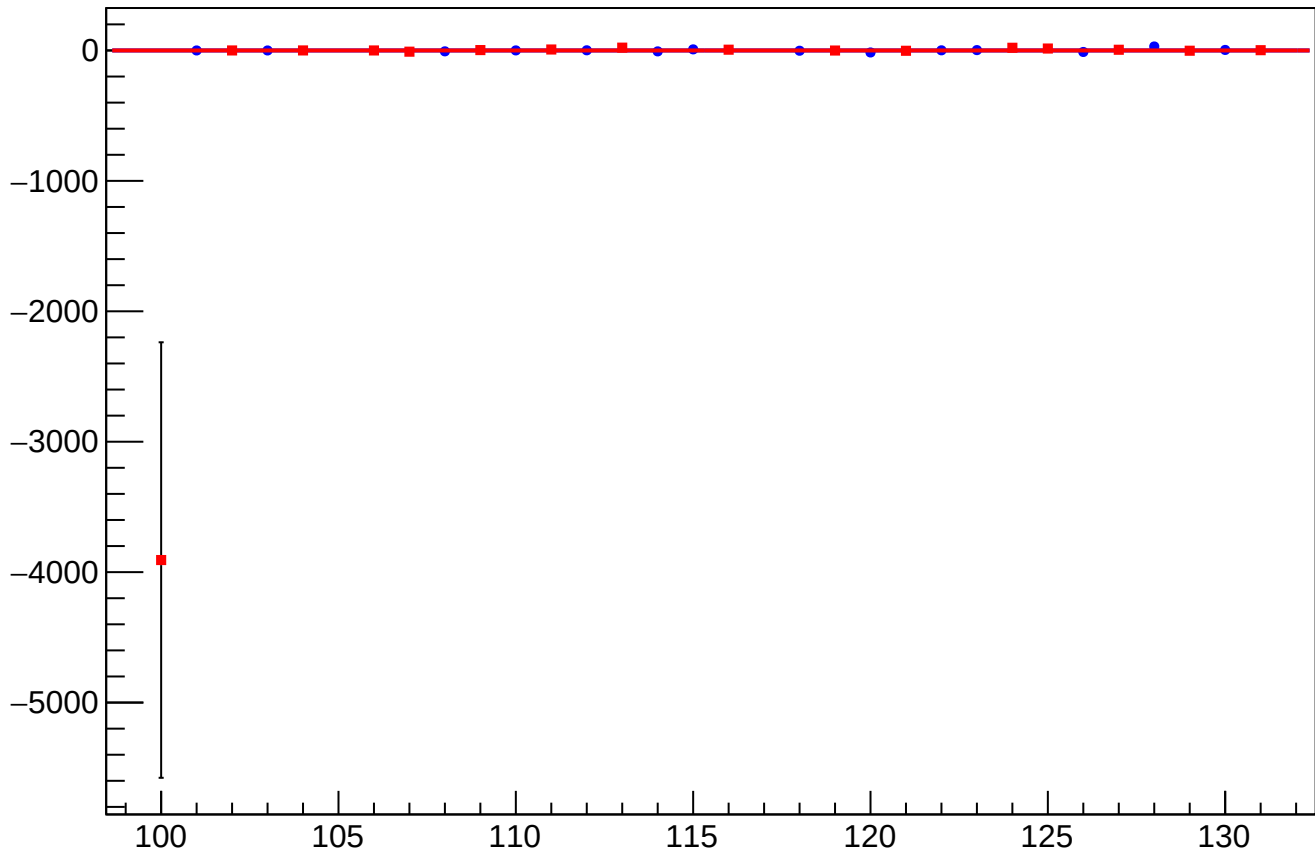
Right: 734.356+/-0.179 χ^2/NDF : 5344170.1/29

In: 742.017+/-0.261 χ^2/NDF :2449291.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 734.356+/-0.179 χ^2/NDF : 5344170.1/29

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.021 $\pm$ 0.021 χ^2 /NDF: 9.0/13

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

Right Out: 0.027 $\pm$ 0.020 χ^2 /NDF: 16.5/15

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

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

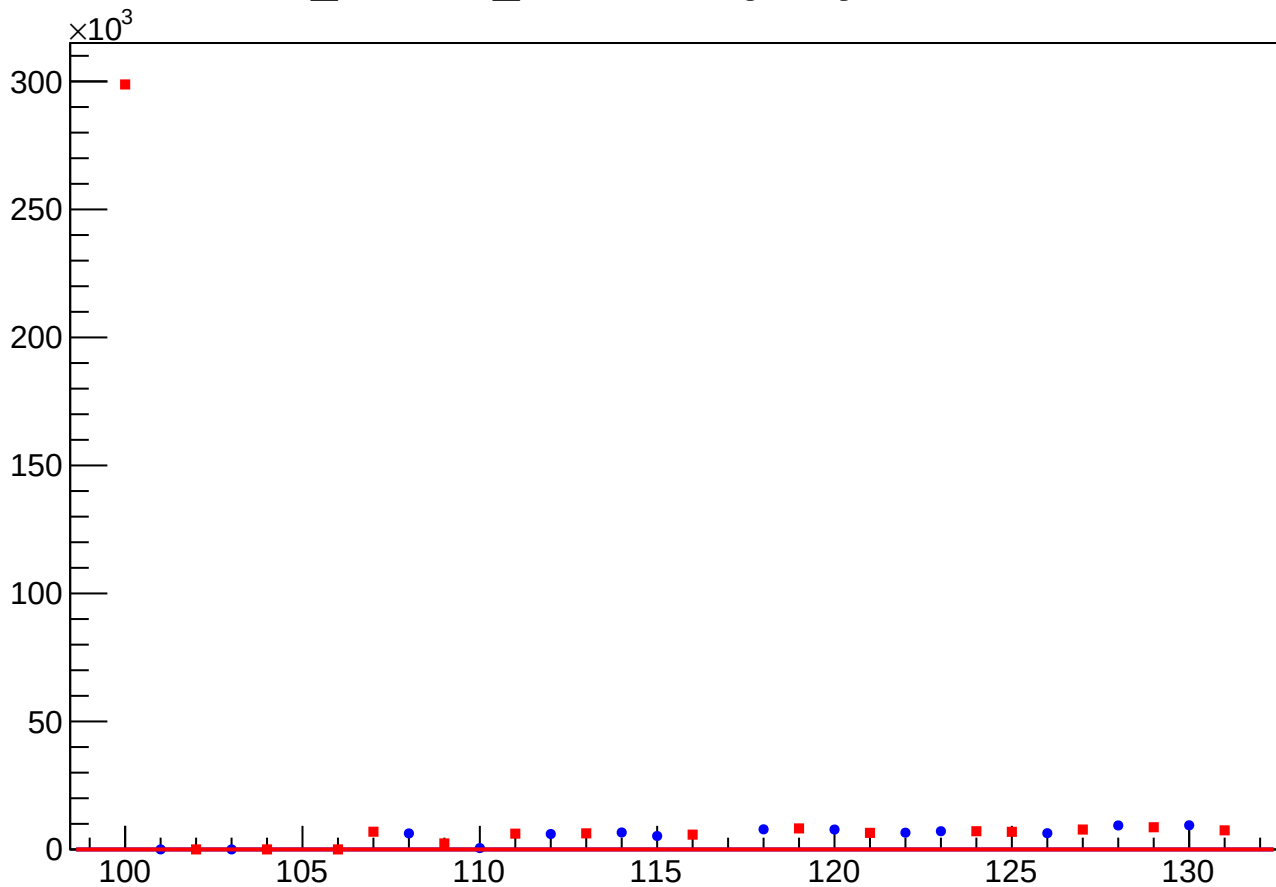
Right: 0.004 $\pm$ 0.014 χ^2 /NDF: 28.3/29

In: -0.021 $\pm$ 0.021 χ^2 /NDF: 9.0/13

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

All: 0.004 $\pm$ 0.014 χ^2 /NDF: 28.3/29

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 17.224 $\pm$ 0.015 χ^2 /NDF: 7652779.0/13

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

Right Out: 17.196 $\pm$ 0.014 χ^2 /NDF: 8591022.7/15

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

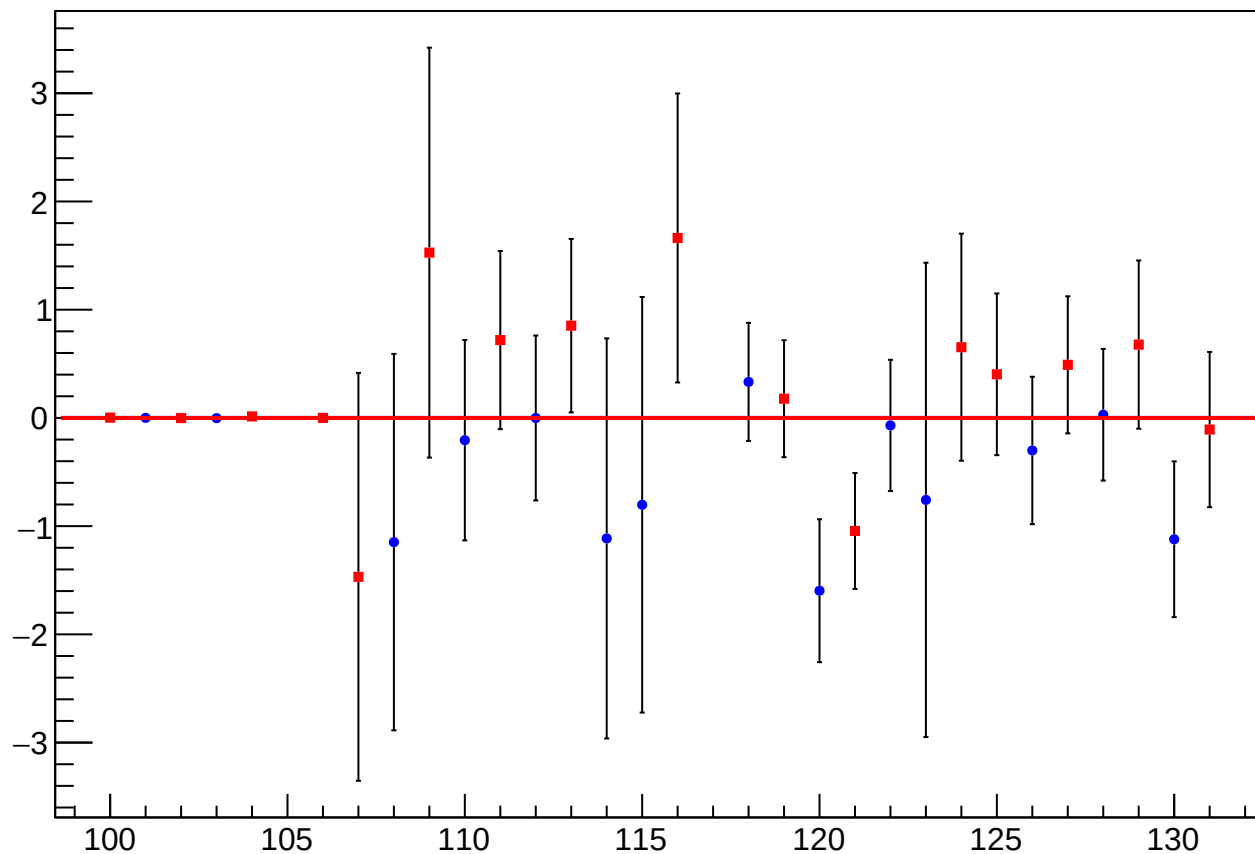
Right: 17.209 $\pm$ 0.010 χ^2 /NDF: 16243803.6/29

In: 17.224 $\pm$ 0.015 χ^2 /NDF: 7652779.0/13

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

All: 17.209 $\pm$ 0.010 χ^2 /NDF: 16243803.6/29

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.002 χ^2/NDF : 10.2/13

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

Right Out: -0.001+/-0.002 χ^2/NDF : 11.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

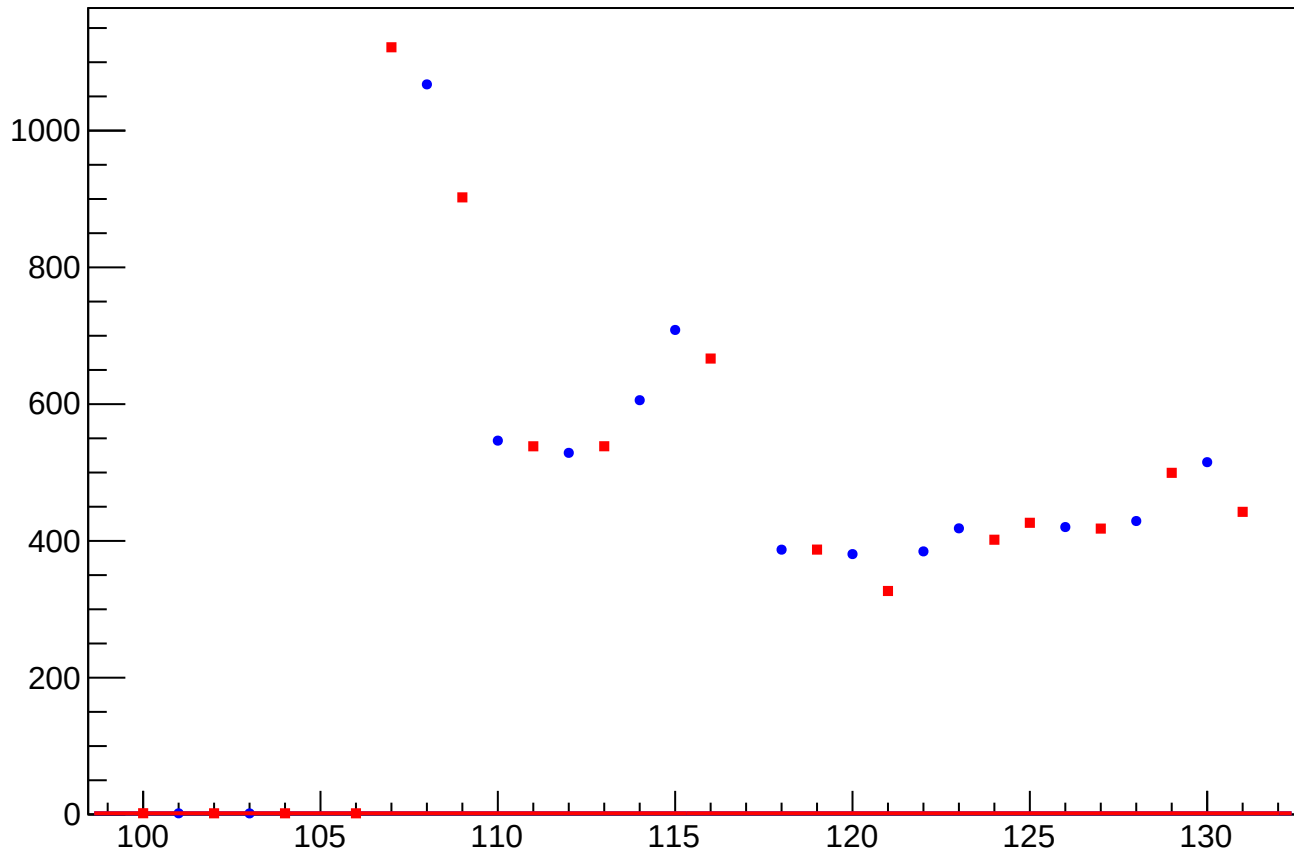
Right: -0.000+/-0.001 χ^2/NDF : 22.0/29

In: 0.000+/-0.002 χ^2/NDF : 10.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.001 χ^2/NDF : 22.0/29

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 1.680+/-0.001 χ^2/NDF : 8175063.5/13

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

Right Out: 1.713+/-0.001 χ^2/NDF : 8535019.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

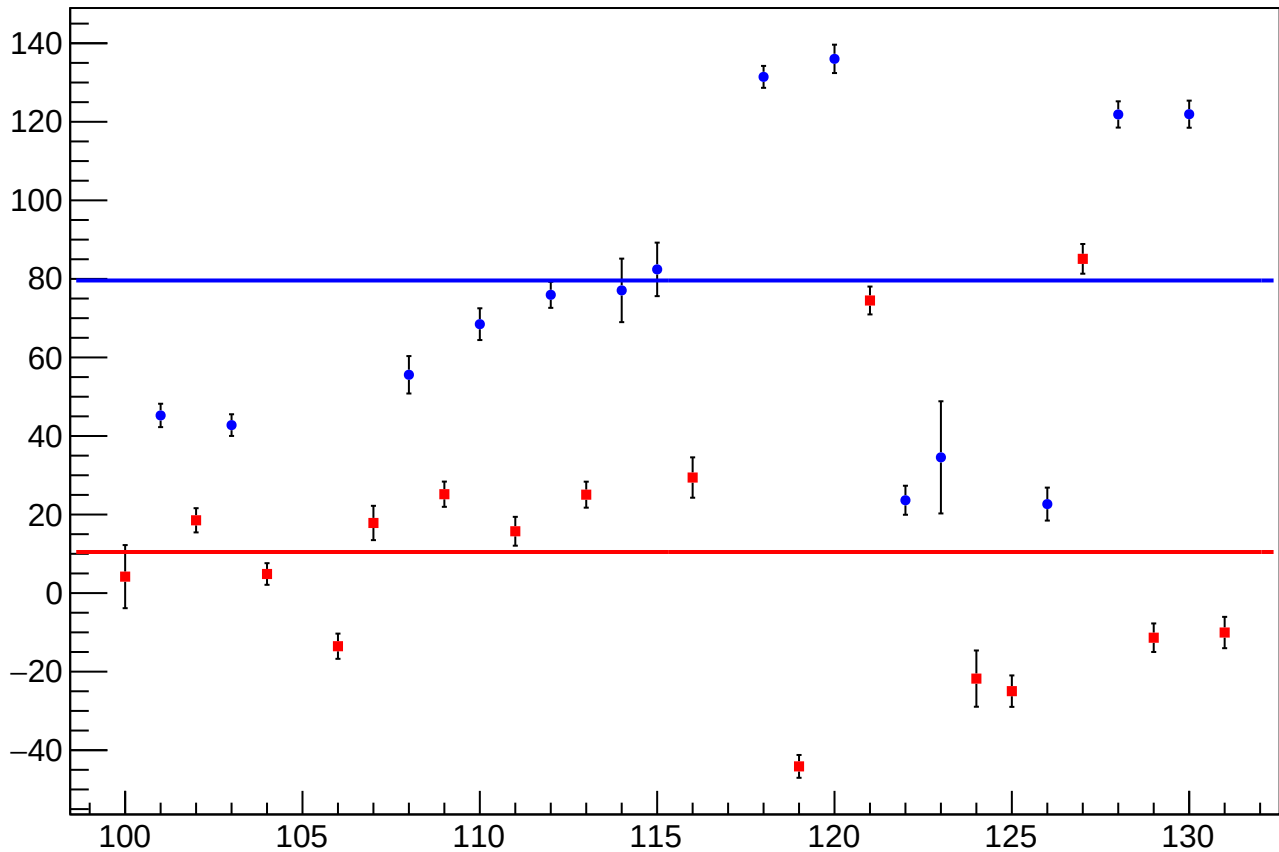
Right: 1.697+/-0.001 χ^2/NDF : 16710359.9/29

In: 1.680+/-0.001 χ^2/NDF :8175063.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.697+/-0.001 χ^2/NDF : 16710359.9/29

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 79.595+/-1.005 χ^2/NDF : 1668.1/13

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

Right Out: 10.464+/-0.917 χ^2/NDF : 1355.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

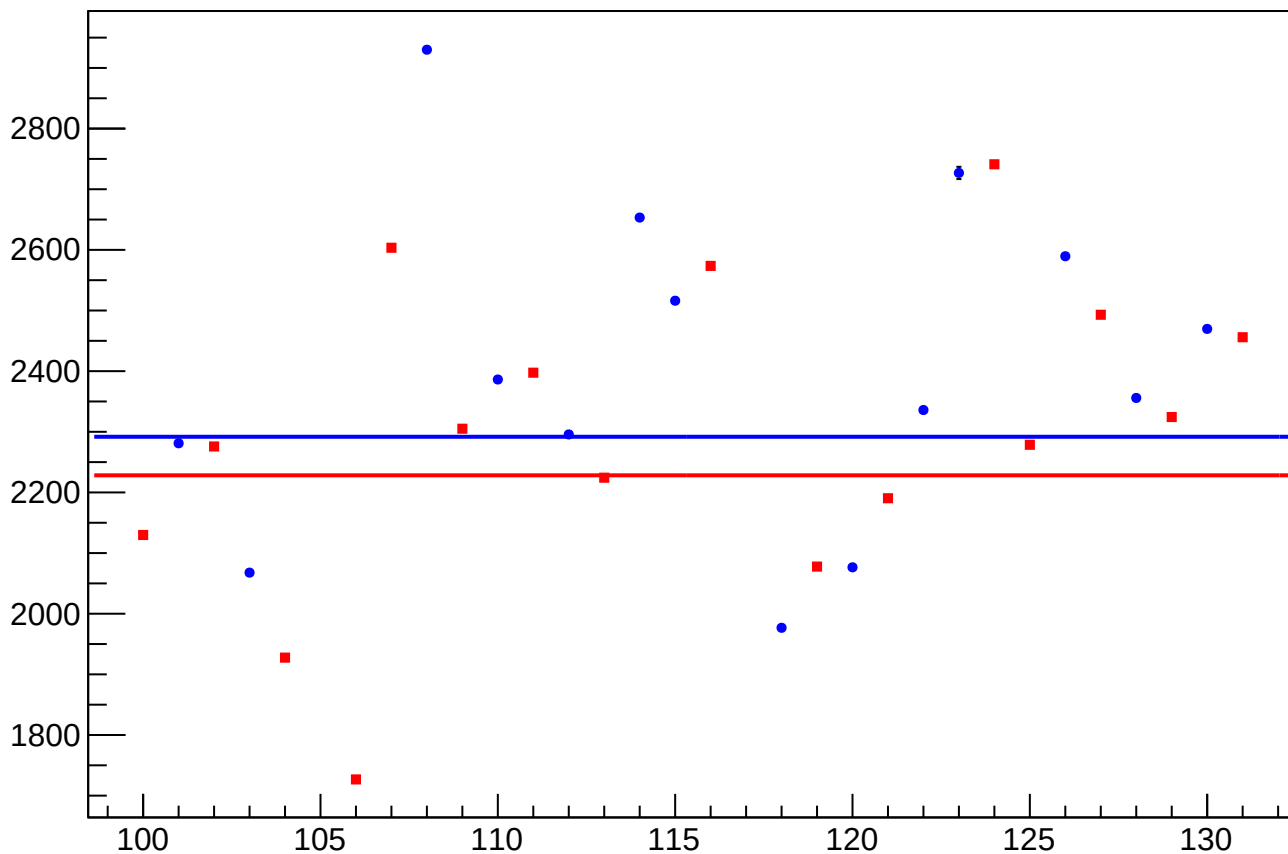
Right: 41.858+/-0.677 χ^2/NDF : 5607.1/29

In: 79.595+/-1.005 χ^2/NDF : 1668.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.858+/-0.677 χ^2/NDF : 5607.1/29

diff_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 2291.795 $\pm$ 0.711 χ^2 /NDF: 107164.5/13

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

Right Out: 2228.223 $\pm$ 0.648 χ^2 /NDF: 136484.9/15

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

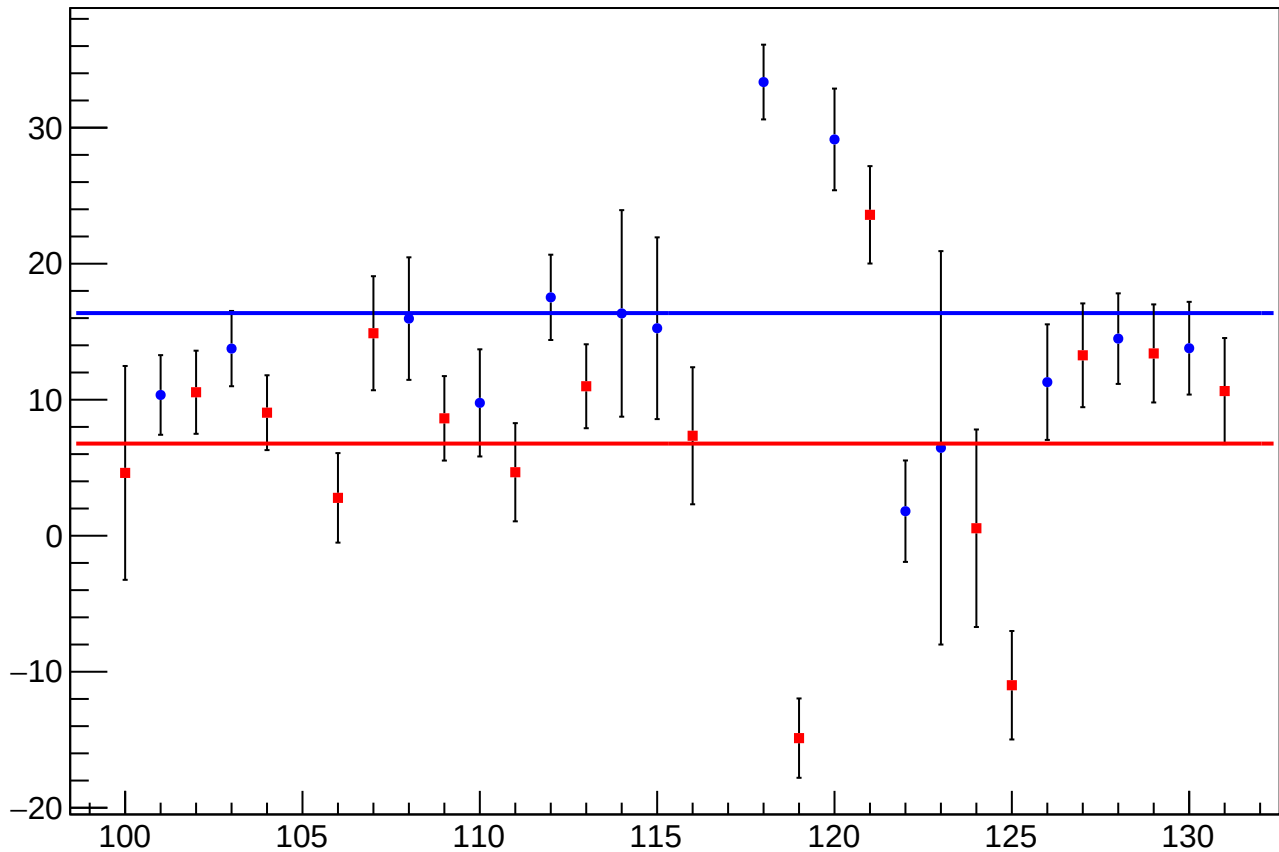
Right: 2257.092 $\pm$ 0.479 χ^2 /NDF: 248018.8/29

In: 2291.795 $\pm$ 0.711 χ^2 /NDF:107164.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2257.092 $\pm$ 0.479 χ^2 /NDF: 248018.8/29

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 16.369+/-0.993 χ^2/NDF : 76.0/13

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

Right Out: 6.775+/-0.906 χ^2/NDF : 115.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

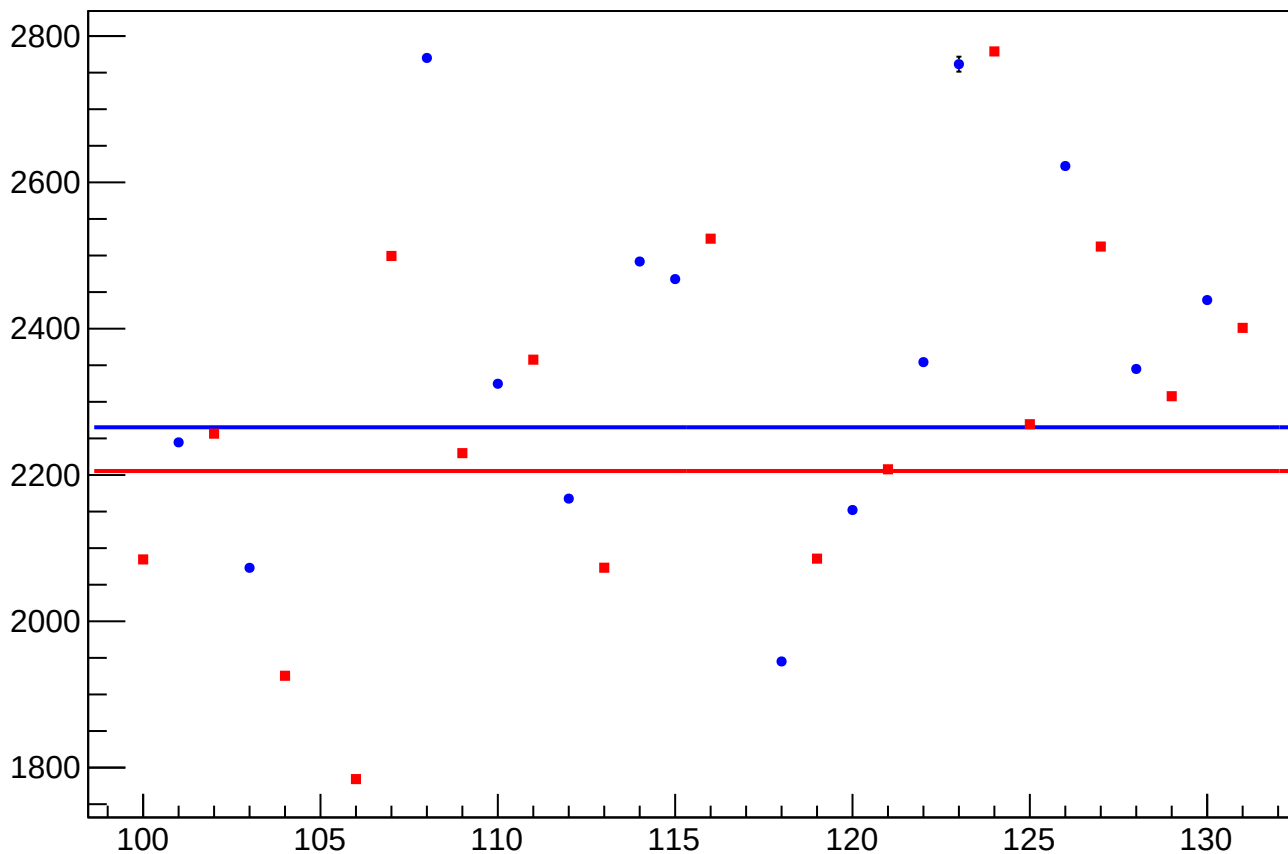
Right: 11.135+/-0.669 χ^2/NDF : 242.1/29

In: 16.369+/-0.993 χ^2/NDF : 76.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.135+/-0.669 χ^2/NDF : 242.1/29

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2265.224+/-0.702 χ^2/NDF : 93827.1/13

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

Right Out: 2205.482+/-0.641 χ^2/NDF : 115550.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

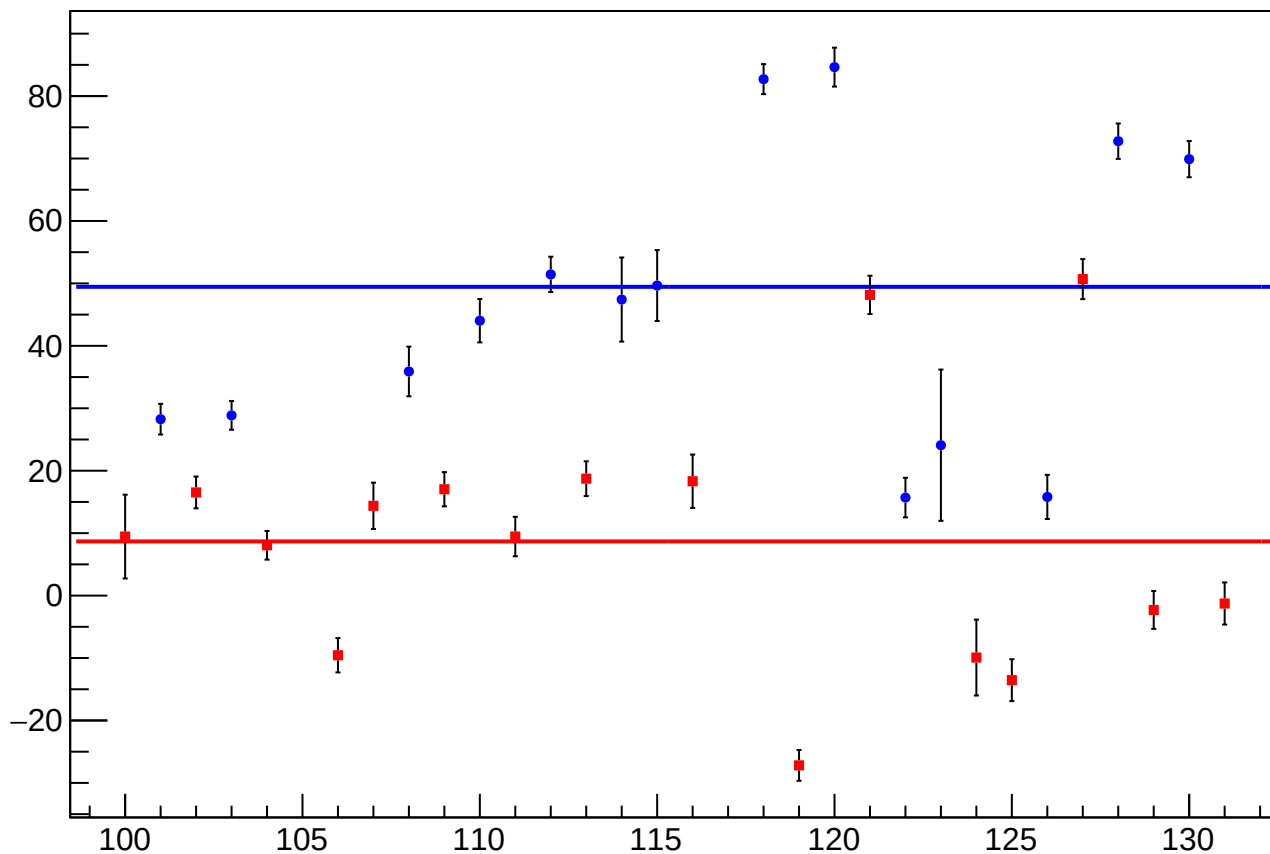
Right: 2232.631+/-0.473 χ^2/NDF : 213329.9/29

In: 2265.224+/-0.702 χ^2/NDF : 93827.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2232.631+/-0.473 χ^2/NDF : 213329.9/29

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 49.451+/-0.850 χ^2/NDF : 813.8/13

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

Right Out: 8.674+/-0.774 χ^2/NDF : 706.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

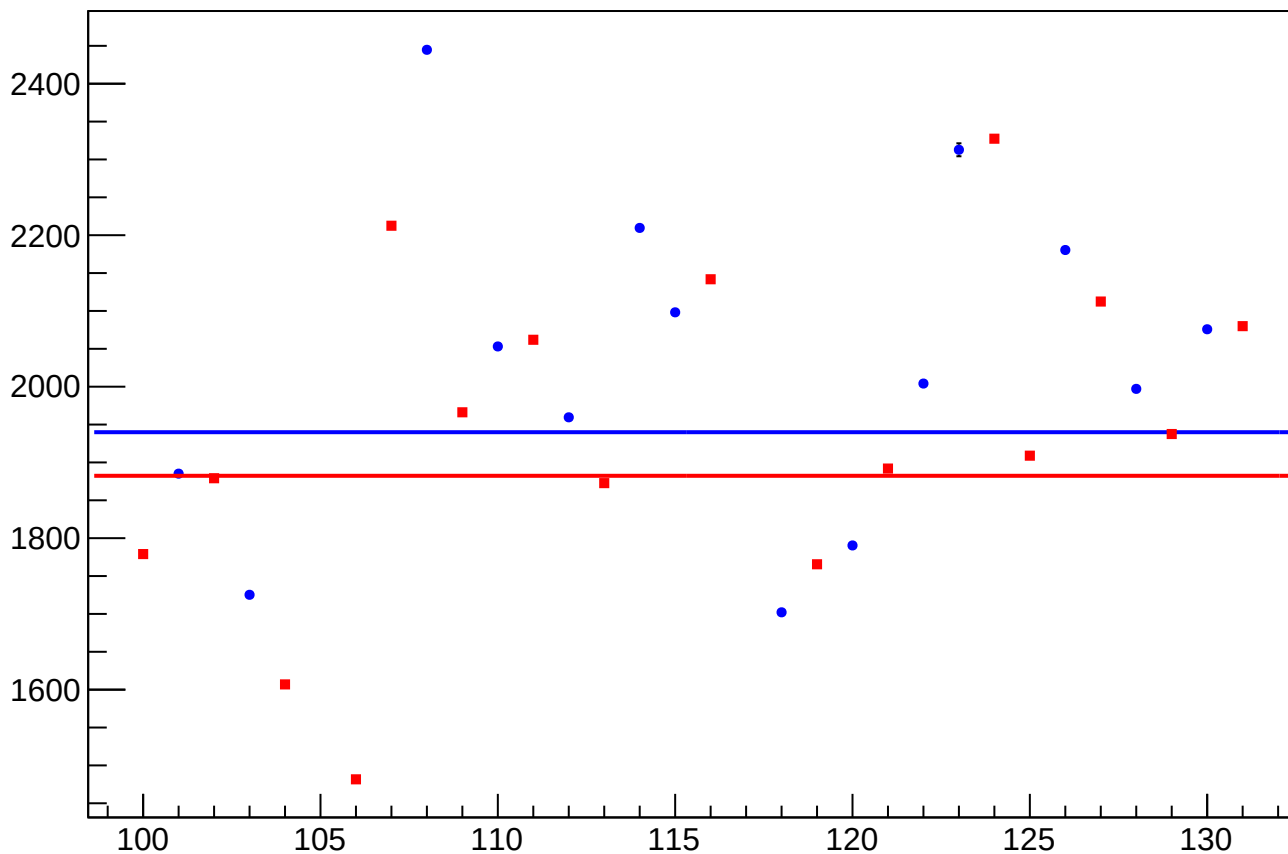
Right: 27.162+/-0.572 χ^2/NDF : 2778.2/29

In: 49.451+/-0.850 χ^2/NDF : 813.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.162+/-0.572 χ^2/NDF : 2778.2/29

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1939.908 $\pm$ 0.601 χ^2 /NDF: 98971.0/13

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

Right Out: 1882.357 $\pm$ 0.547 χ^2 /NDF: 136480.4/15

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

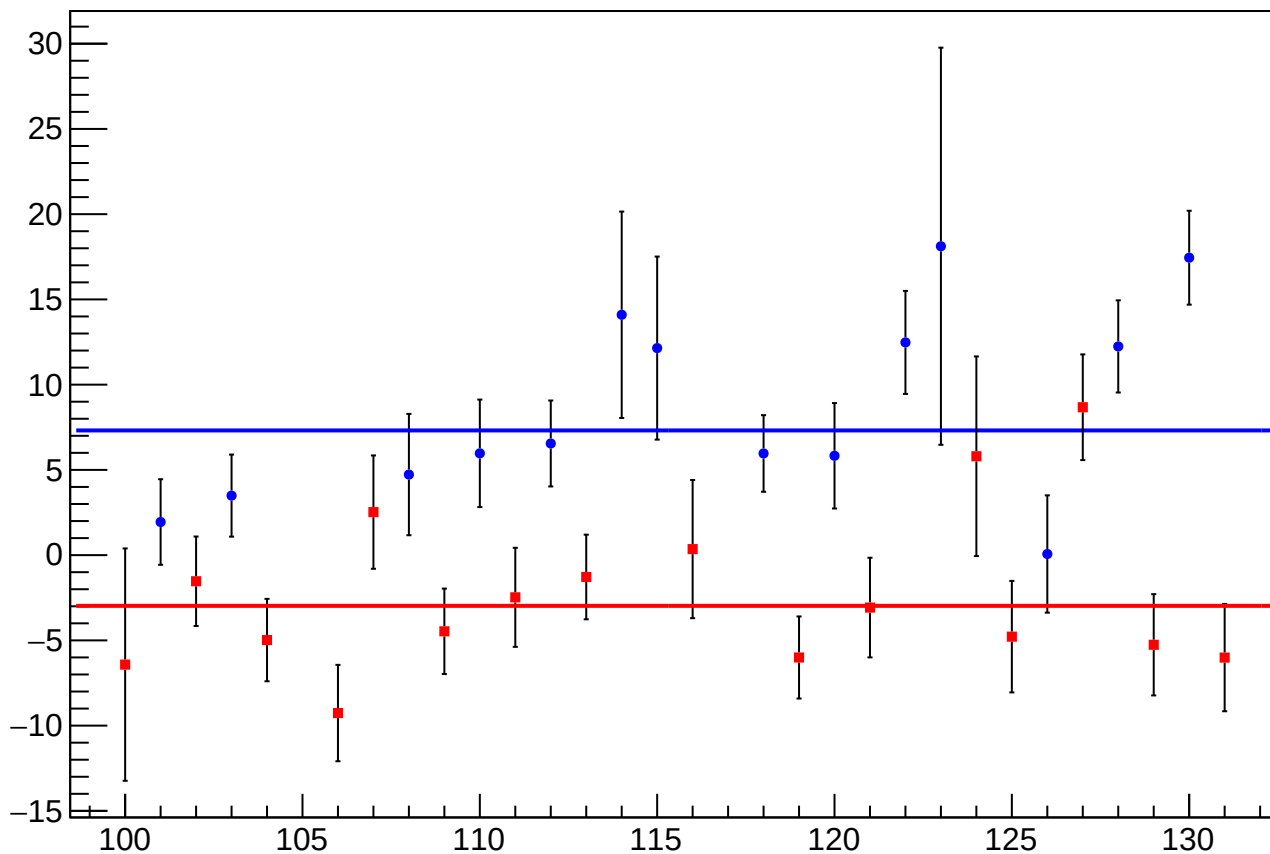
Right: 1908.449 $\pm$ 0.405 χ^2 /NDF: 240462.1/29

In: 1939.908 $\pm$ 0.601 χ^2 /NDF: 98971.0/13

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

All: 1908.449 $\pm$ 0.405 χ^2 /NDF: 240462.1/29

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 7.315+/-0.816 χ^2/NDF : 35.6/13

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

Right Out: -2.974+/-0.748 χ^2/NDF : 30.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

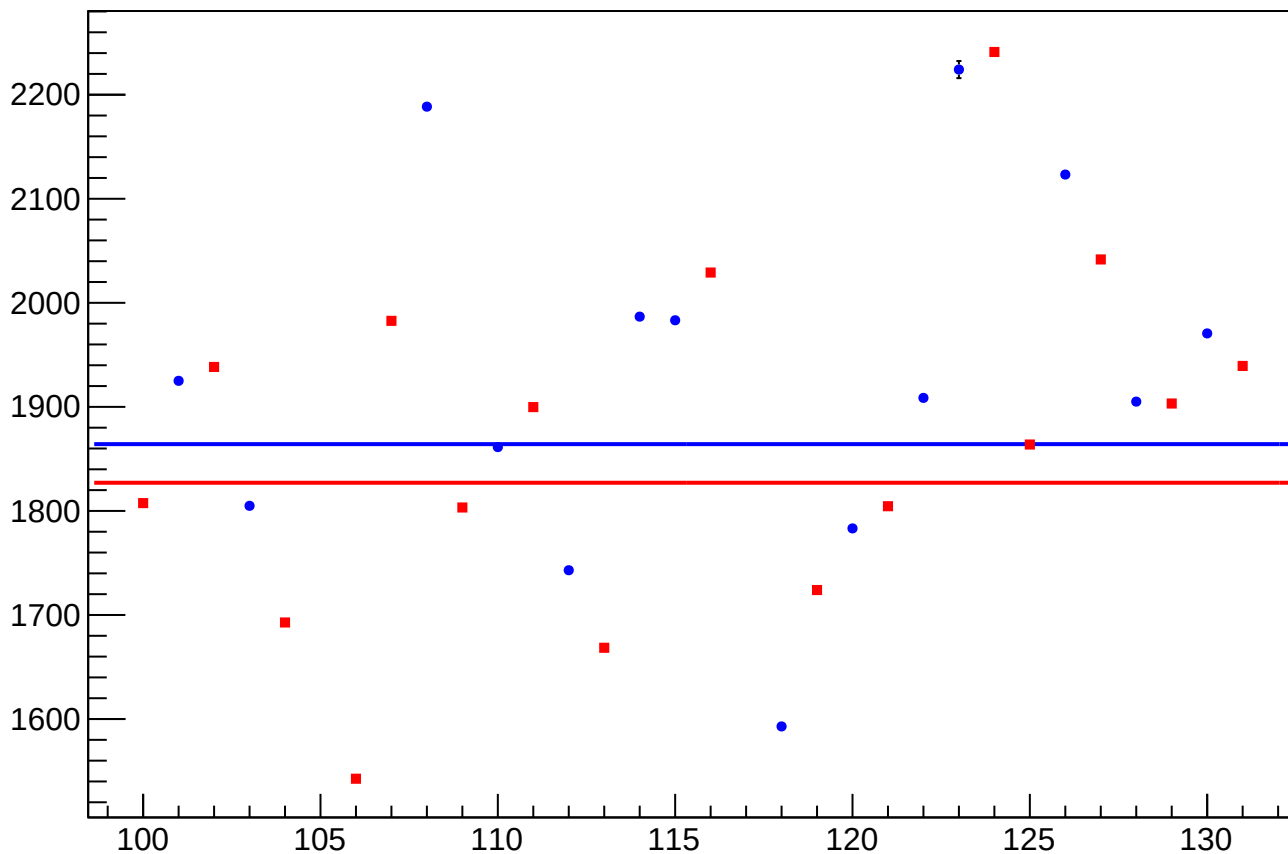
Right: 1.729+/-0.551 χ^2/NDF : 152.3/29

In: 7.315+/-0.816 χ^2/NDF : 35.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.729+/-0.551 χ^2/NDF : 152.3/29

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1864.193+/-0.577 χ^2/NDF : 73081.1/13

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

Right Out: 1827.080+/-0.529 χ^2/NDF : 76477.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

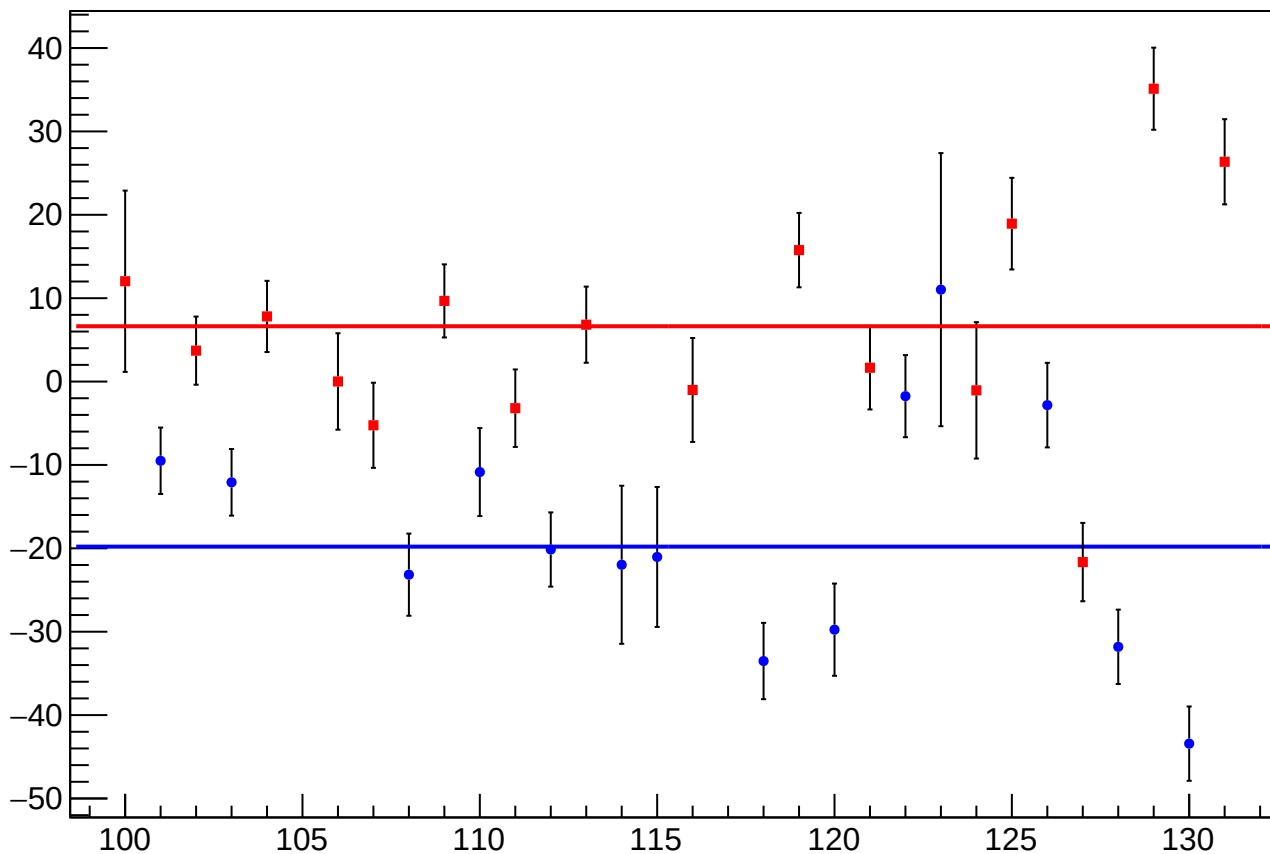
Right: 1844.044+/-0.390 χ^2/NDF : 151806.5/29

In: 1864.193+/-0.577 χ^2/NDF : 73081.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1844.044+/-0.390 χ^2/NDF : 151806.5/29

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -19.797 ± 1.356 $\chi^2/\text{NDF}: 89.6/13$

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

Right Out: 6.634 ± 1.263 $\chi^2/\text{NDF}: 109.7/15$

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

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

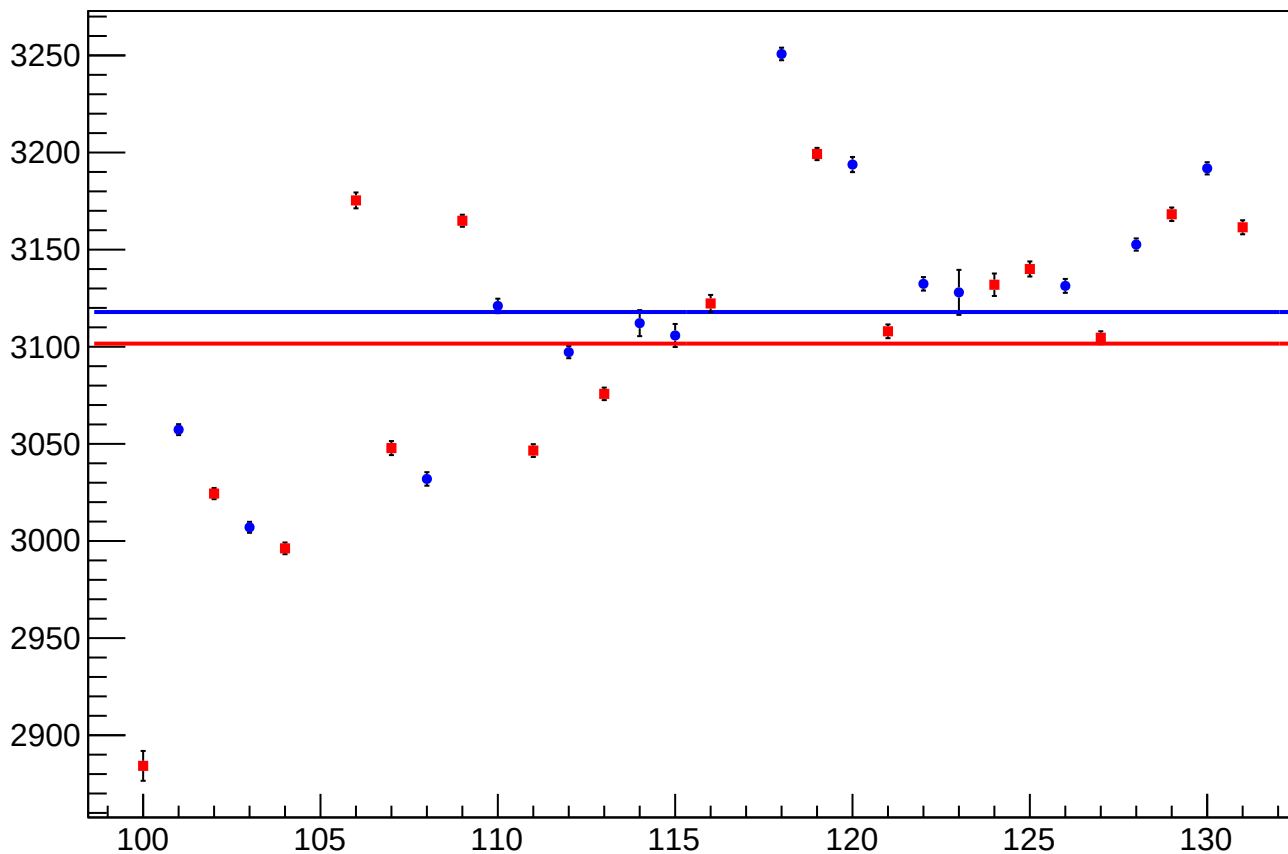
Right: -5.643 ± 0.924 $\chi^2/\text{NDF}: 402.6/29$

In: -19.797 ± 1.356 $\chi^2/\text{NDF}: 89.6/13$

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

All: -5.643 ± 0.924 $\chi^2/\text{NDF}: 402.6/29$

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3117.881+/-0.959 χ^2/NDF : 5425.3/13

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

Right Out: 3101.615+/-0.893 χ^2/NDF : 5791.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

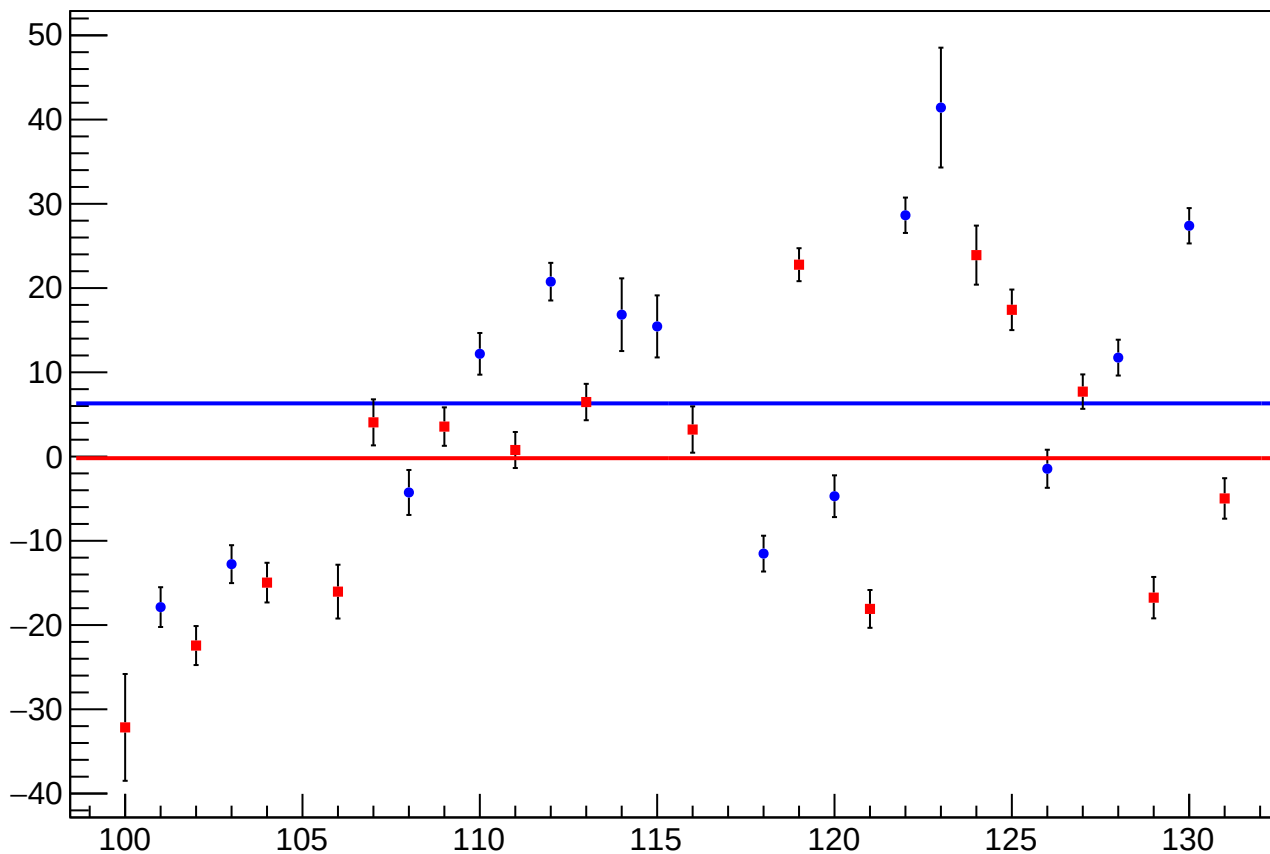
Right: 3109.171+/-0.654 χ^2/NDF : 11370.4/29

In: 3117.881+/-0.959 χ^2/NDF : 5425.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3109.171+/-0.654 χ^2/NDF : 11370.4/29

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 6.312 $\pm$ 0.662 χ^2 /NDF: 599.0/13

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

Right Out: -0.194 $\pm$ 0.612 χ^2 /NDF: 564.6/15

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

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

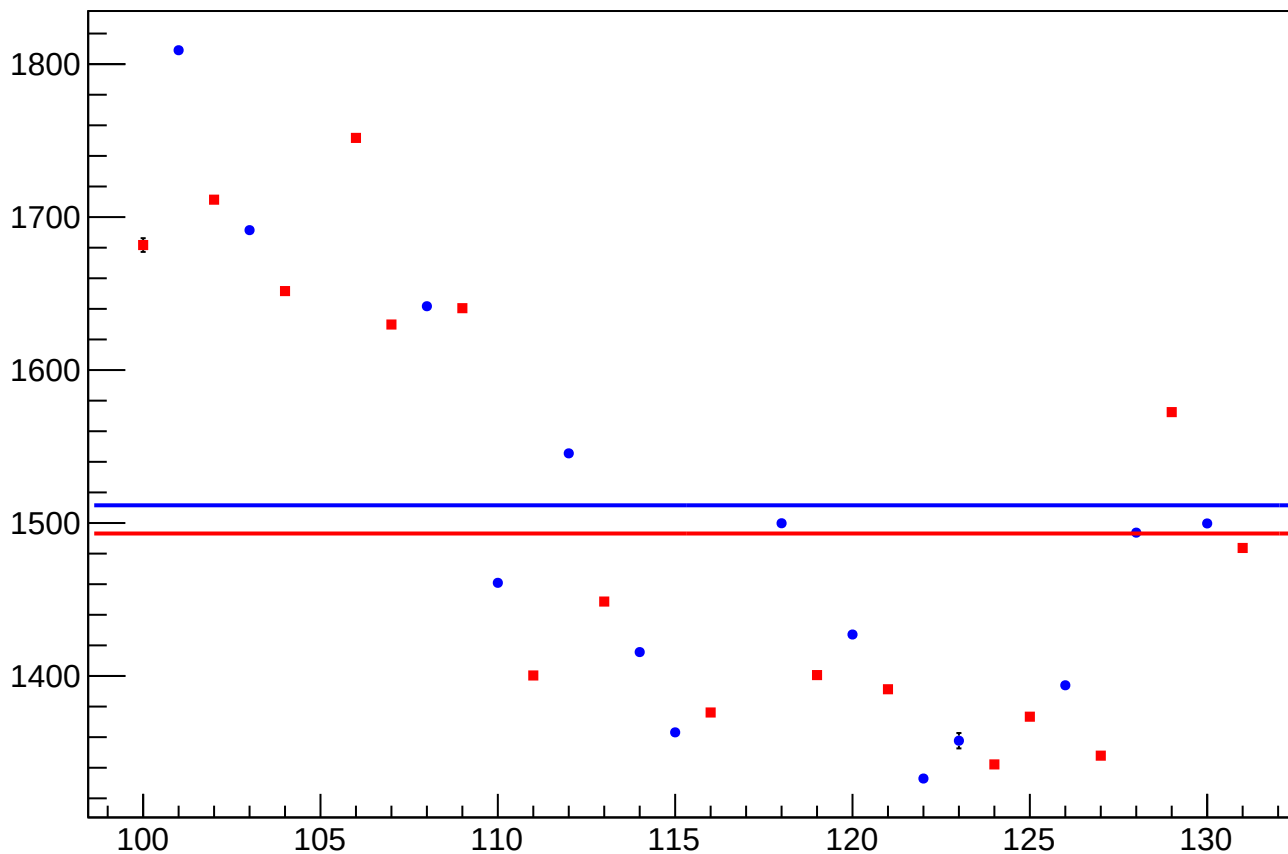
Right: 2.803 $\pm$ 0.449 χ^2 /NDF: 1215.7/29

In: 6.312 $\pm$ 0.662 χ^2 /NDF:599.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.803 $\pm$ 0.449 χ^2 /NDF: 1215.7/29

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1511.577+/-0.468 χ^2/NDF : 78234.7/13

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

Right Out: 1493.141+/-0.432 χ^2/NDF : 92777.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

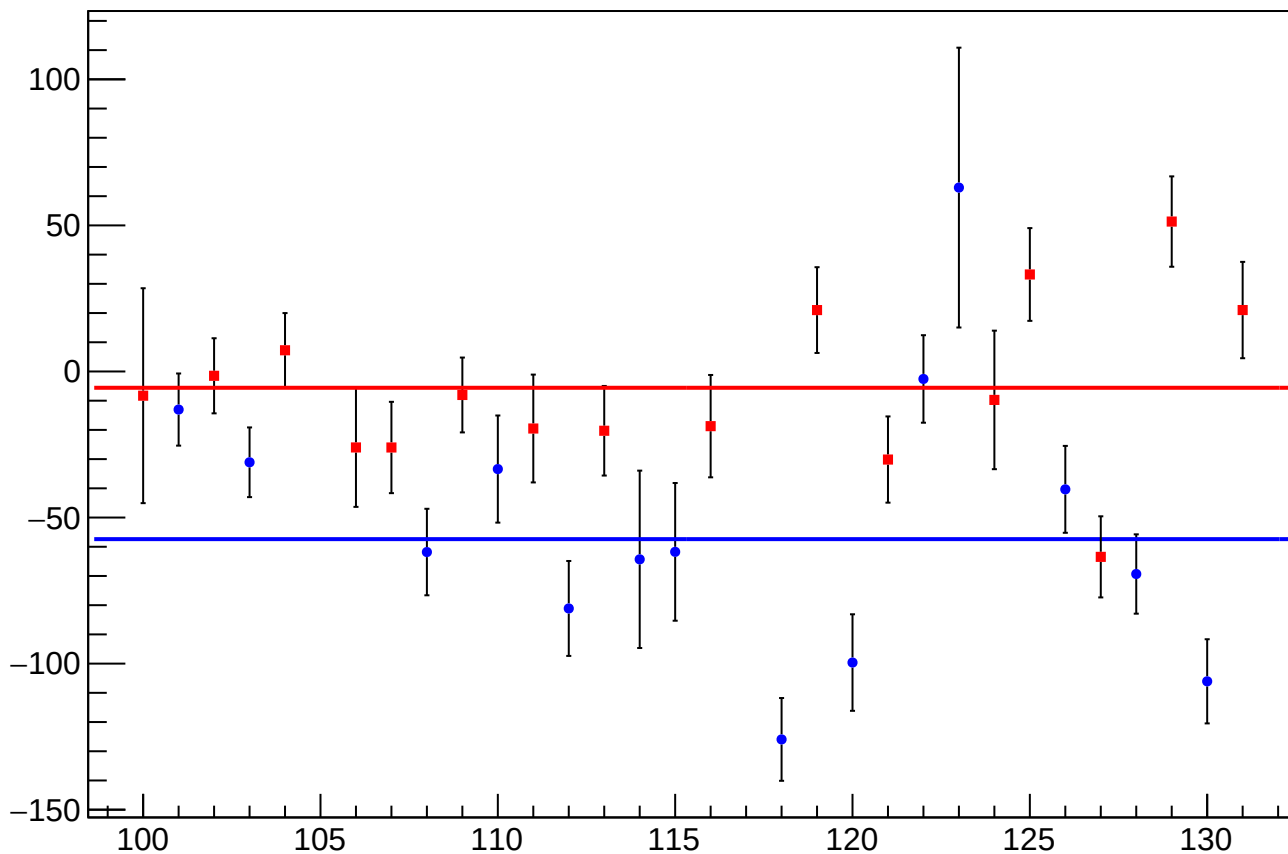
Right: 1501.633+/-0.318 χ^2/NDF : 171849.7/29

In: 1511.577+/-0.468 χ^2/NDF : 78234.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1501.633+/-0.318 χ^2/NDF : 171849.7/29

diff_bpm0l02X_mean vs Slug, Sign Corrected



Right In: -57.391+/-4.222 χ^2/NDF : 85.0/13

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

Right Out: -5.579+/-3.952 χ^2/NDF : 51.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

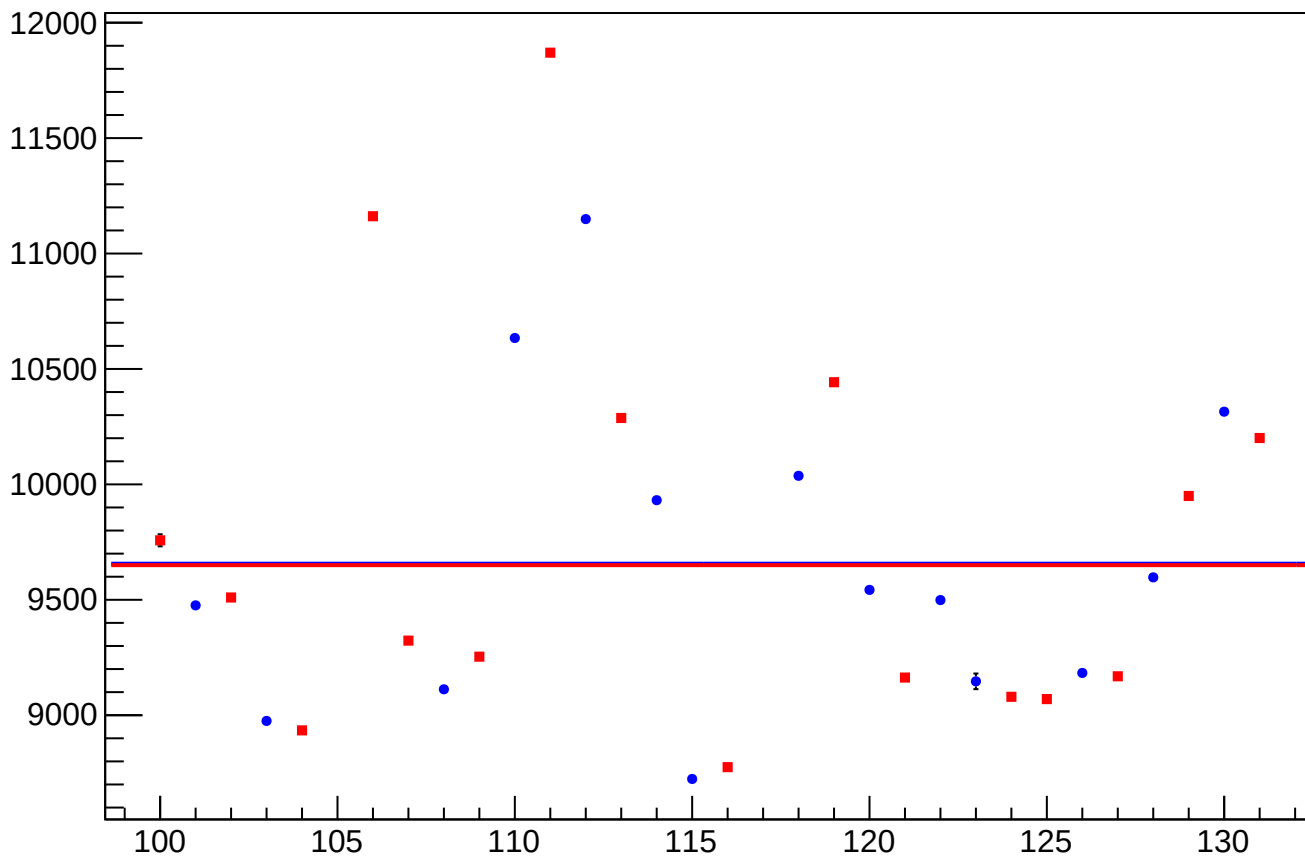
Right: -29.774+/-2.885 χ^2/NDF : 216.7/29

In: -57.391+/-4.222 χ^2/NDF : 85.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.774+/-2.885 χ^2/NDF : 216.7/29

diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9656.403+/-2.985 χ^2/NDF : 43746.4/13

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

Right Out: 9650.029+/-2.794 χ^2/NDF : 75016.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

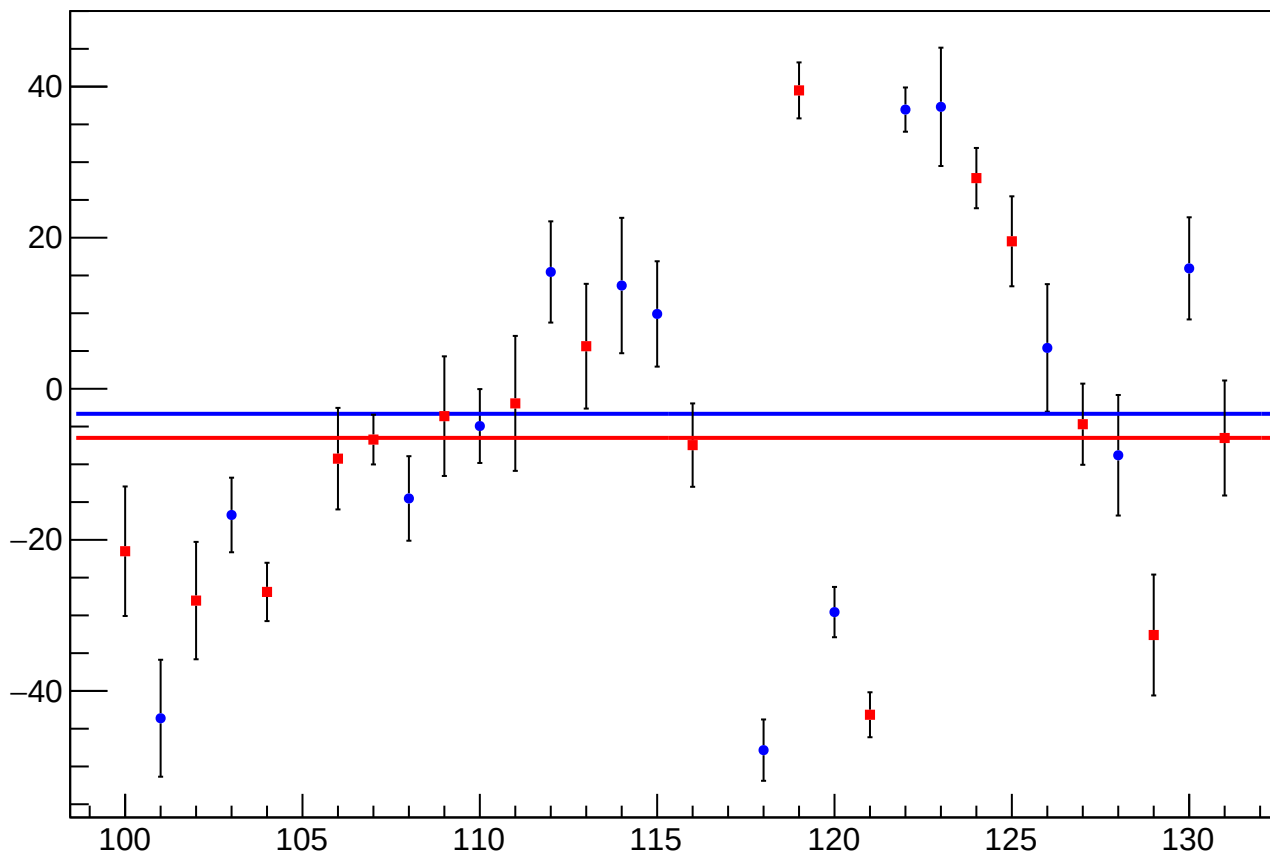
Right: 9653.005+/-2.040 χ^2/NDF : 118764.8/29

In: 9656.403+/-2.985 χ^2/NDF : 43746.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9653.005+/-2.040 χ^2/NDF : 118764.8/29

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: -3.313 ± 1.384 χ^2/NDF : 461.7/13

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

Right Out: -6.501 ± 1.258 χ^2/NDF : 451.3/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

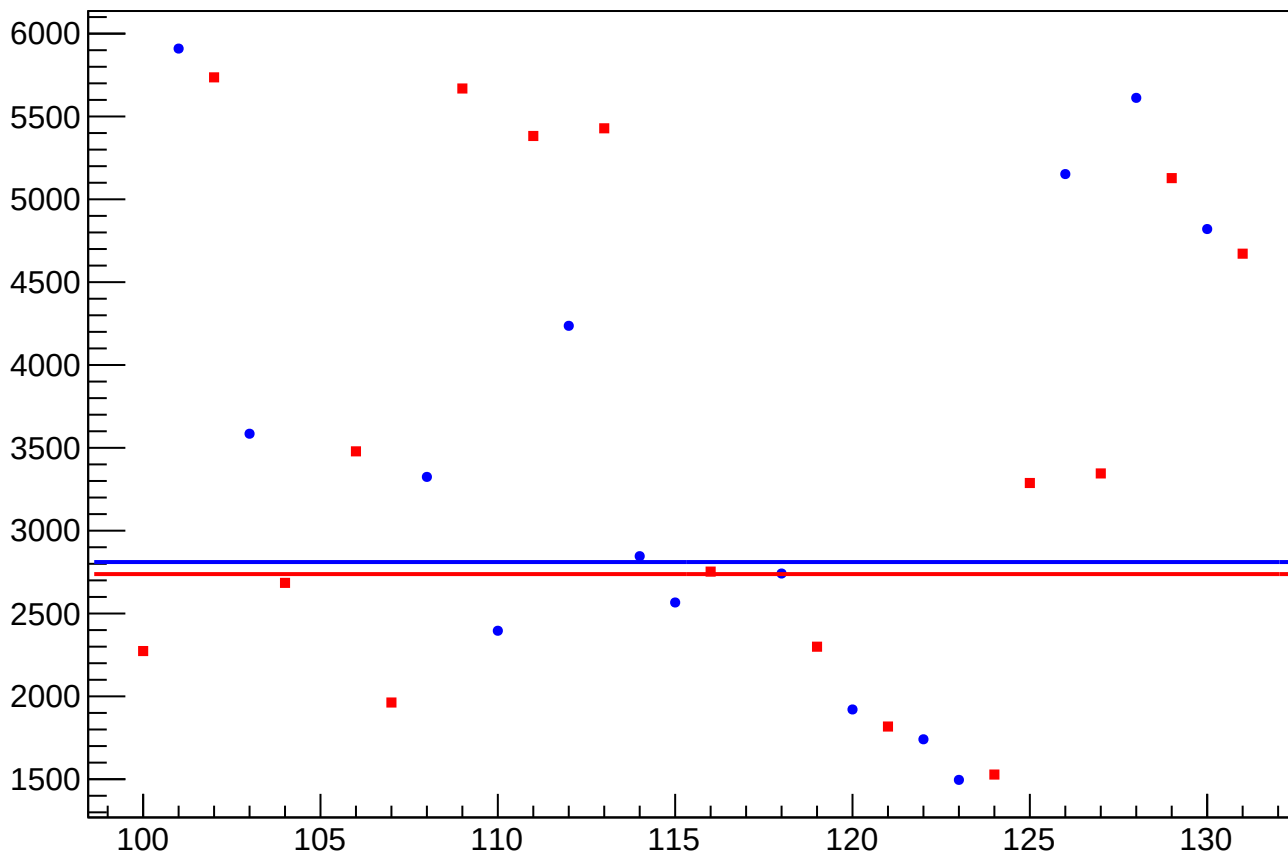
Right: -5.059 ± 0.931 χ^2/NDF : 915.9/29

In: -3.313 ± 1.384 χ^2/NDF : 461.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.059 ± 0.931 χ^2/NDF : 915.9/29

diff_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 2810.662+/-0.979 χ^2/NDF : 1537820.4/13

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

Right Out: 2737.970+/-0.890 χ^2/NDF : 1853872.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

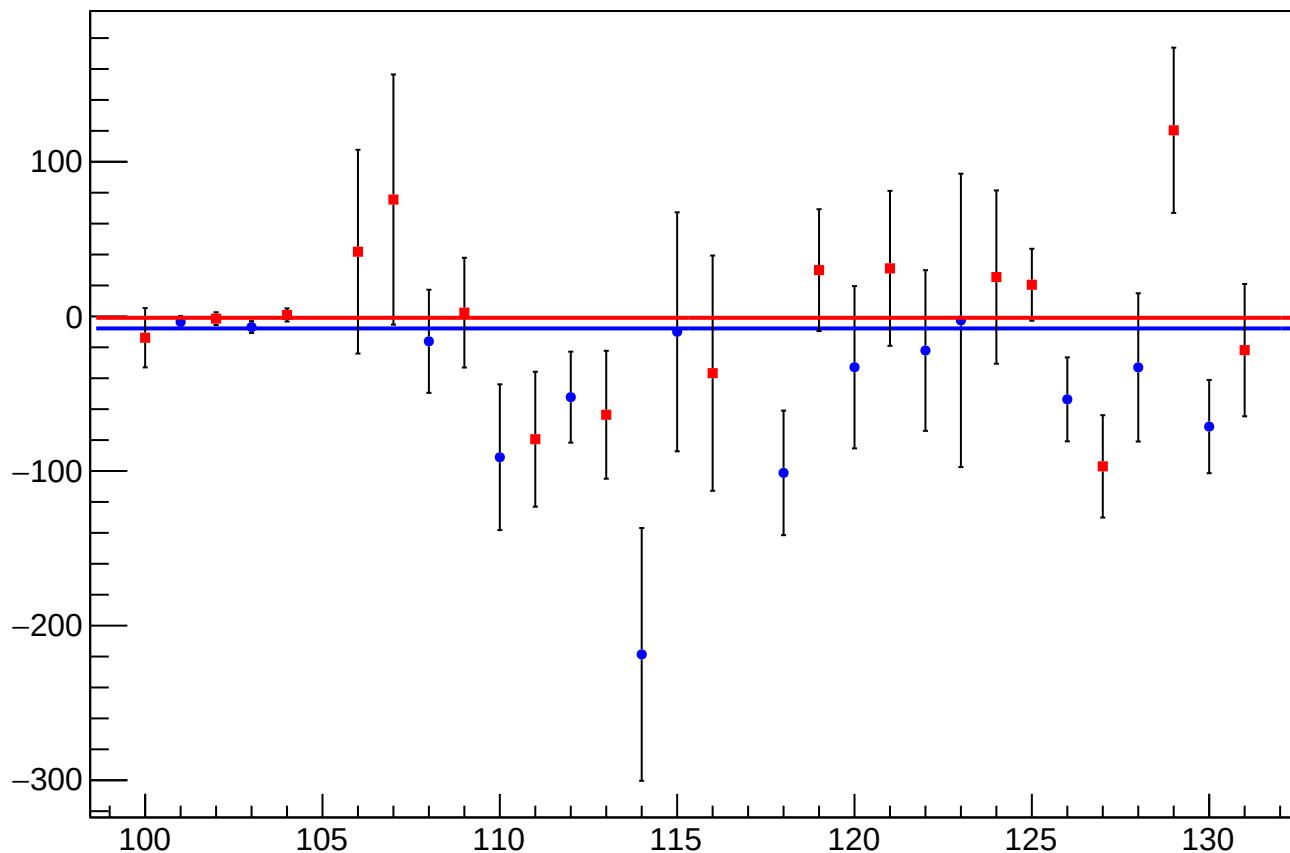
Right: 2770.858+/-0.658 χ^2/NDF : 3394713.9/29

In: 2810.662+/-0.979 χ^2/NDF : 1537820.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2770.858+/-0.658 χ^2/NDF : 3394713.9/29

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -7.786+/-2.646 χ^2/NDF : 26.6/13

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

Right Out: -0.913+/-2.829 χ^2/NDF : 23.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

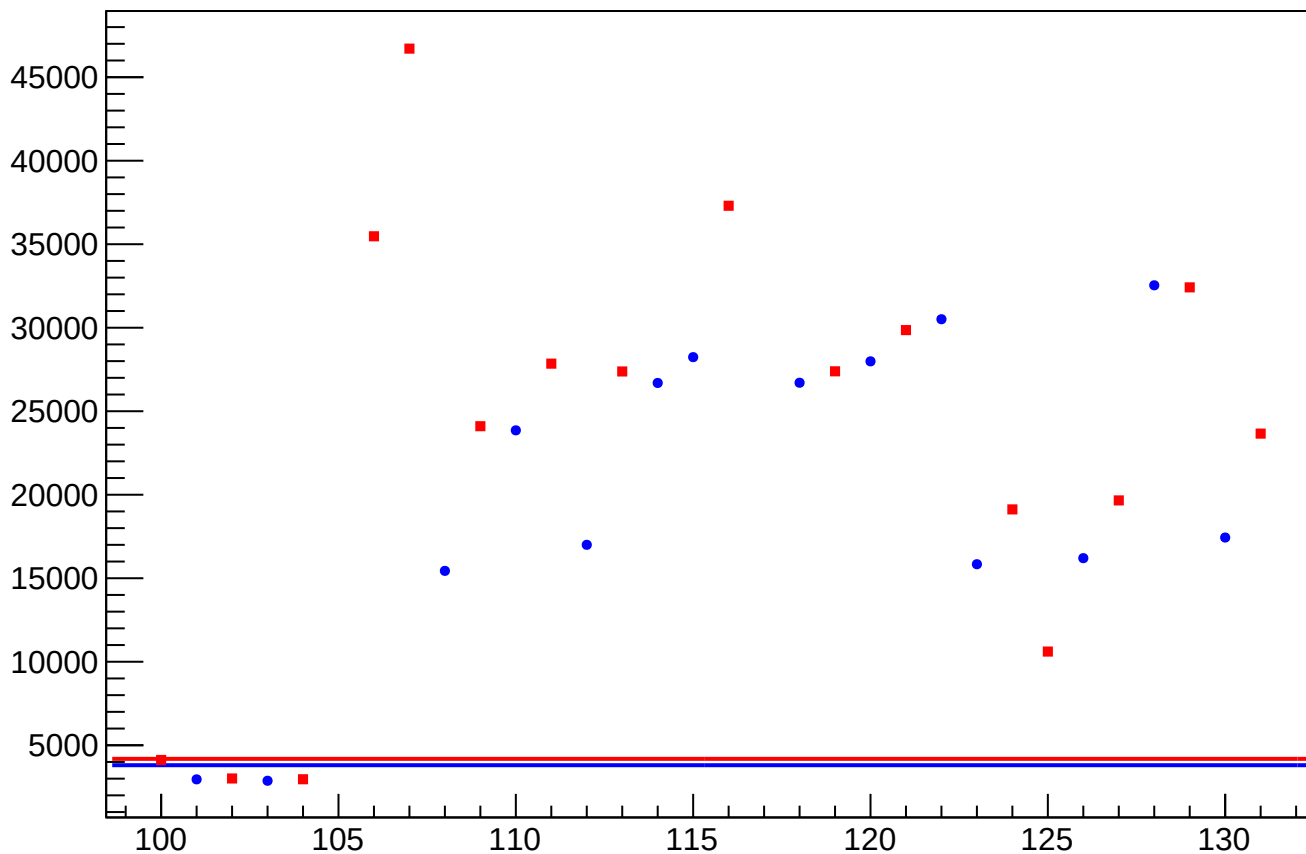
Right: -4.580+/-1.933 χ^2/NDF : 53.4/29

In: -7.786+/-2.646 χ^2/NDF : 26.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.580+/-1.933 χ^2/NDF : 53.4/29

diff_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 3805.165+/-1.871 χ^2/NDF : 4754220.4/13

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

Right Out: 4186.505+/-2.001 χ^2/NDF : 6481196.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

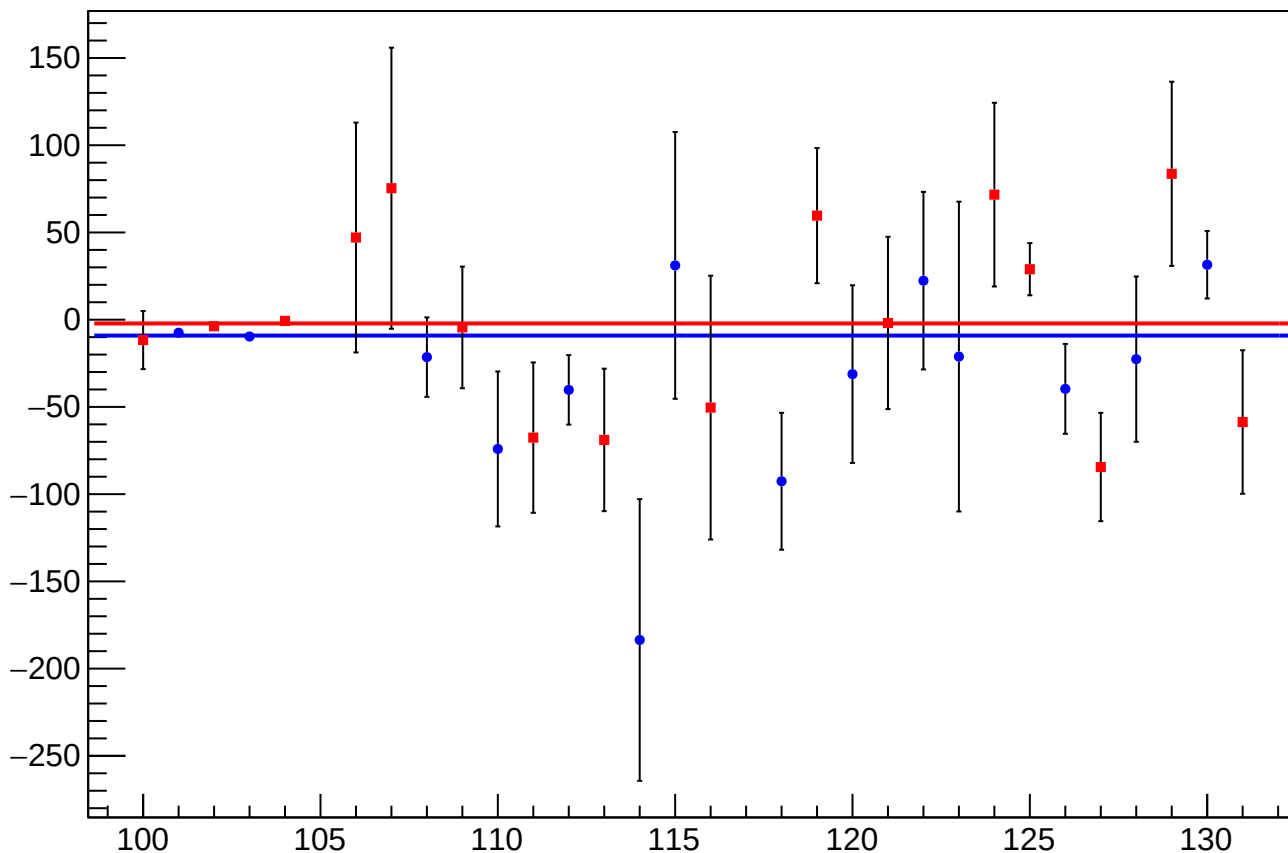
Right: 3983.071+/-1.367 χ^2/NDF : 11254797.7/29

In: 3805.165+/-1.871 χ^2/NDF : 4754220.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3983.071+/-1.367 χ^2/NDF : 11254797.7/29

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -9.099±1.821 χ^2/NDF : 21.3/13

Left Out: 0.000±0.000 χ^2/NDF : 0.0/0

Right Out: -2.157±1.958 χ^2/NDF : 28.2/15

Left In: 0.000±0.000 χ^2/NDF : 0.0/0

Left: 0.000±0.000 χ^2/NDF : 0.0/0

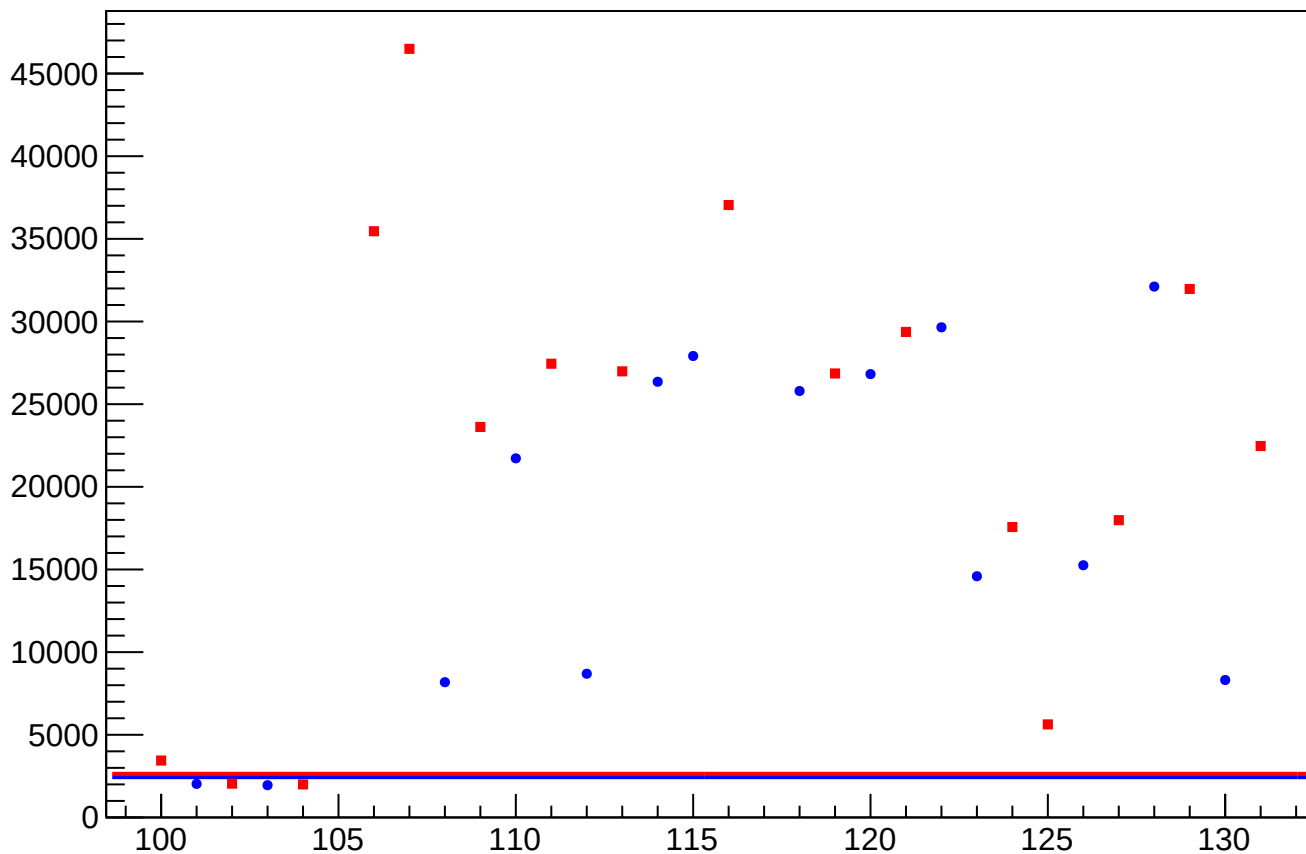
Right: -5.880±1.333 χ^2/NDF : 56.2/29

In: -9.099±1.821 χ^2/NDF : 21.3/13

Out: 0.000±0.000 χ^2/NDF : 0.0/0

All: -5.880±1.333 χ^2/NDF : 56.2/29

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2436.940+/-1.288 χ^2/NDF : 4458487.2/13

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

Right Out: 2640.951+/-1.385 χ^2/NDF : 6973705.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

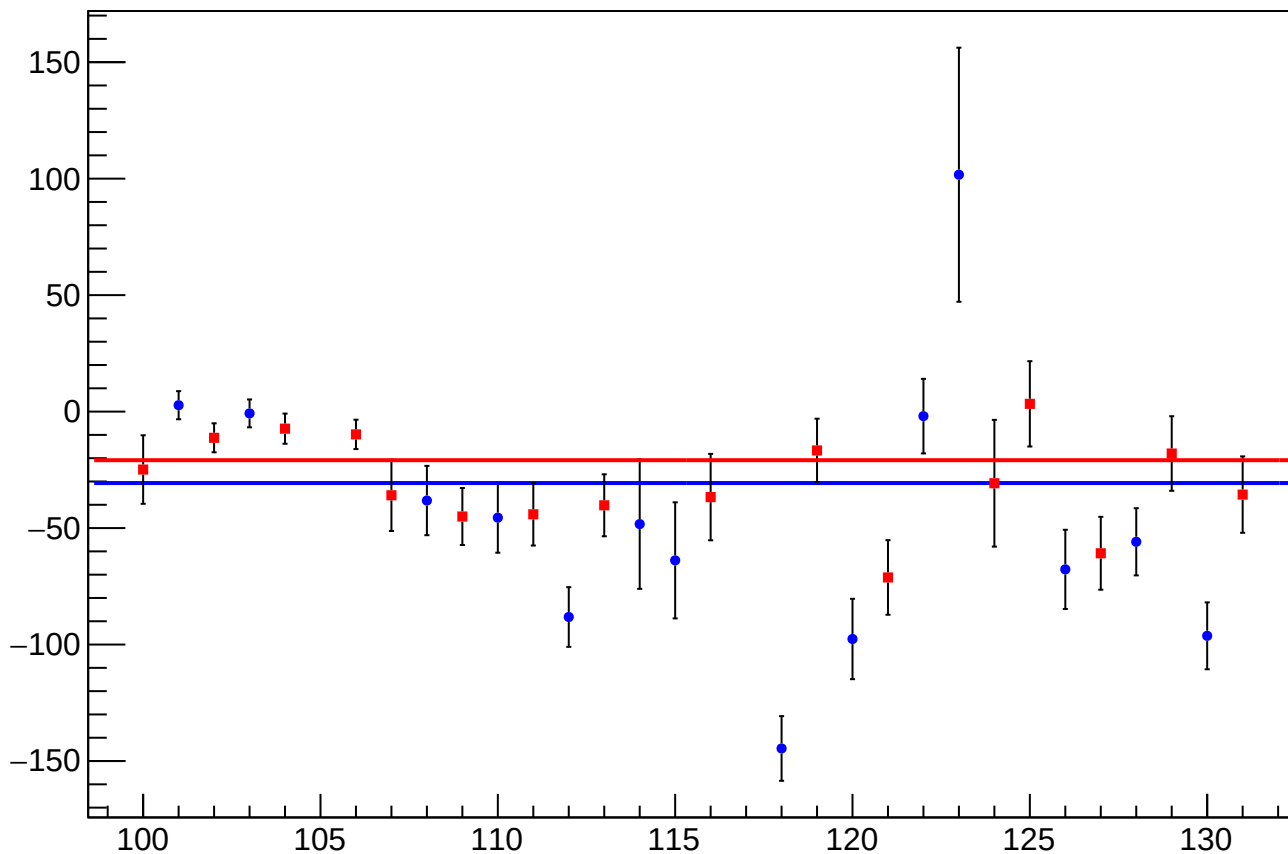
Right: 2531.539+/-0.943 χ^2/NDF : 11443833.4/29

In: 2436.940+/-1.288 χ^2/NDF :4458487.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2531.539+/-0.943 χ^2/NDF : 11443833.4/29

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -30.667+/-3.174 χ^2/NDF : 199.5/13

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

Right Out: -20.862+/-2.774 χ^2/NDF : 39.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

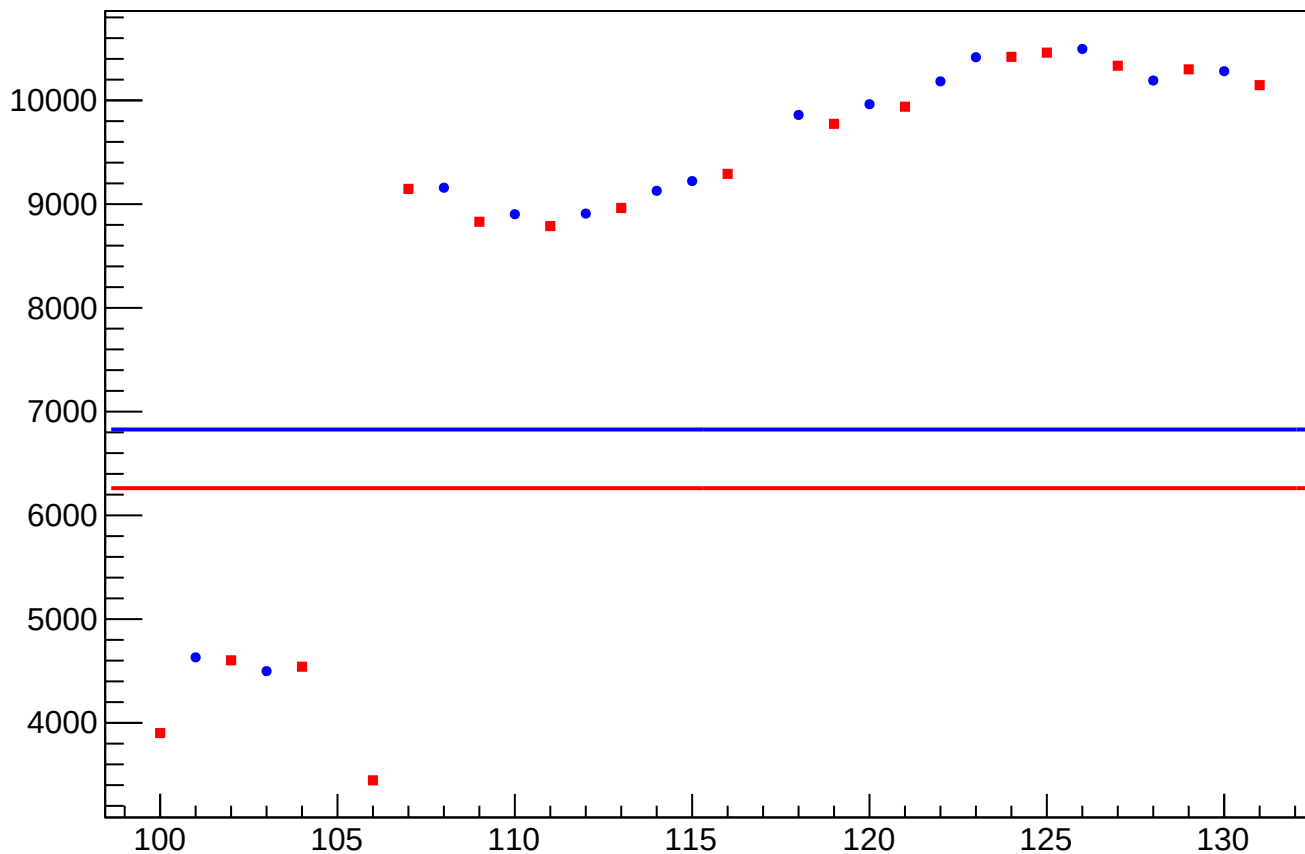
Right: -25.109+/-2.089 χ^2/NDF : 244.8/29

In: -30.667+/-3.174 χ^2/NDF : 199.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.109+/-2.089 χ^2/NDF : 244.8/29

diff_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 6827.620+/-2.244 χ^2/NDF : 1316117.5/13

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

Right Out: 6262.090+/-1.962 χ^2/NDF : 1865912.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

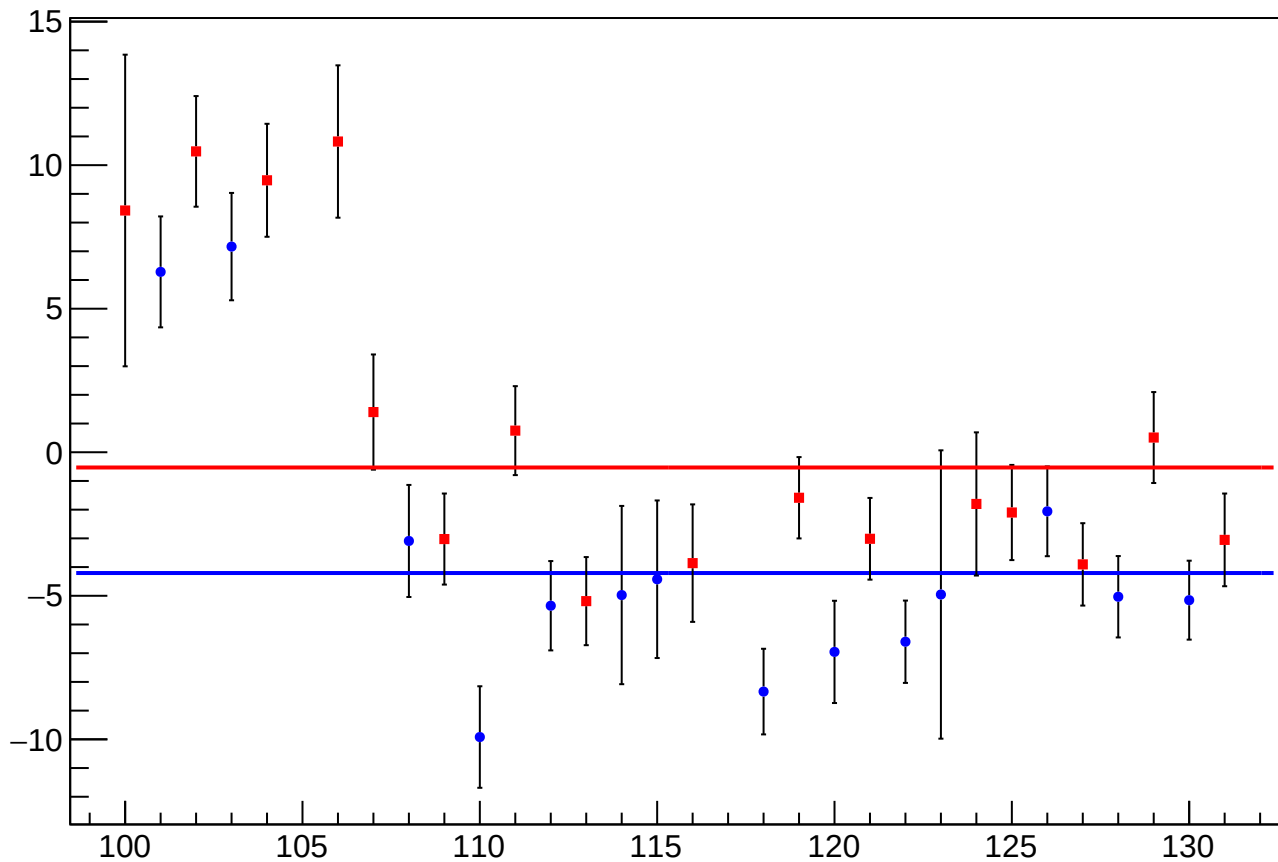
Right: 6507.029+/-1.477 χ^2/NDF : 3218025.9/29

In: 6827.620+/-2.244 χ^2/NDF : 1316117.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6507.029+/-1.477 χ^2/NDF : 3218025.9/29

diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -4.207 ± 0.471 χ^2/NDF : 93.4/13

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

Right Out: -0.531 ± 0.438 χ^2/NDF : 108.6/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

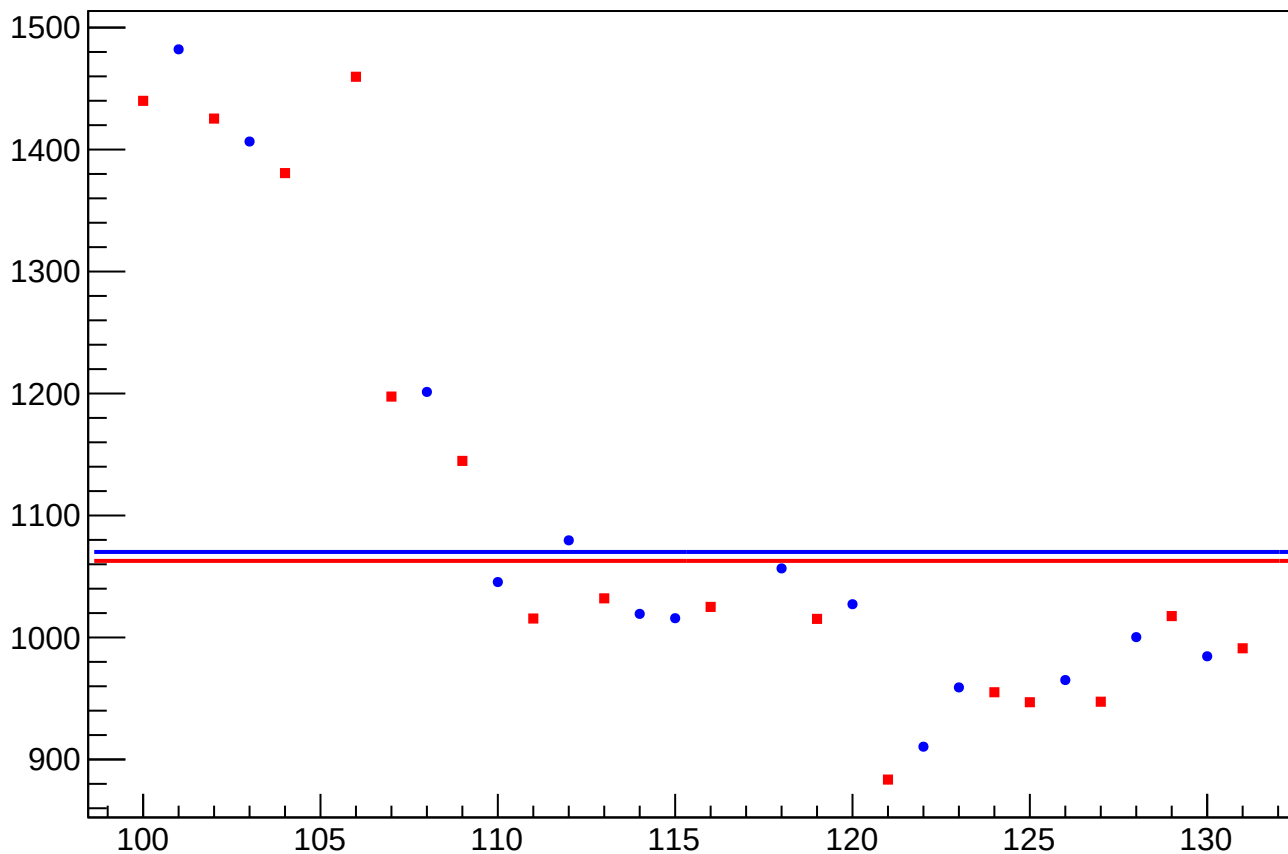
Right: -2.237 ± 0.321 χ^2/NDF : 234.7/29

In: -4.207 ± 0.471 χ^2/NDF : 93.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.237 ± 0.321 χ^2/NDF : 234.7/29

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1070.116+/-0.333 χ^2/NDF : 215250.8/13

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

Right Out: 1062.778+/-0.310 χ^2/NDF : 261145.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

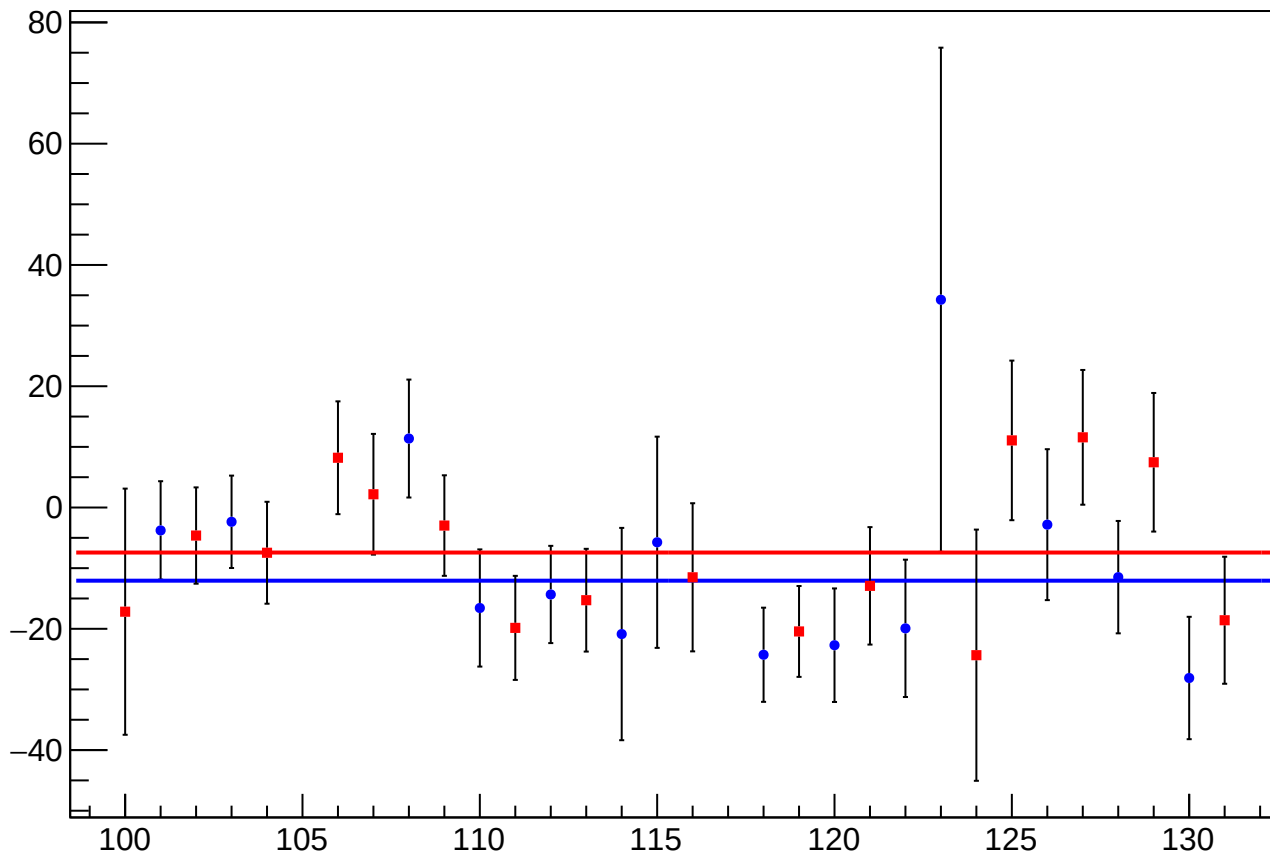
Right: 1066.183+/-0.227 χ^2/NDF : 476657.1/29

In: 1070.116+/-0.333 χ^2/NDF : 215250.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1066.183+/-0.227 χ^2/NDF : 476657.1/29

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -12.065 ± 2.672 $\chi^2/\text{NDF}: 17.7/13$

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

Right Out: -7.423 ± 2.467 $\chi^2/\text{NDF}: 19.2/15$

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

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

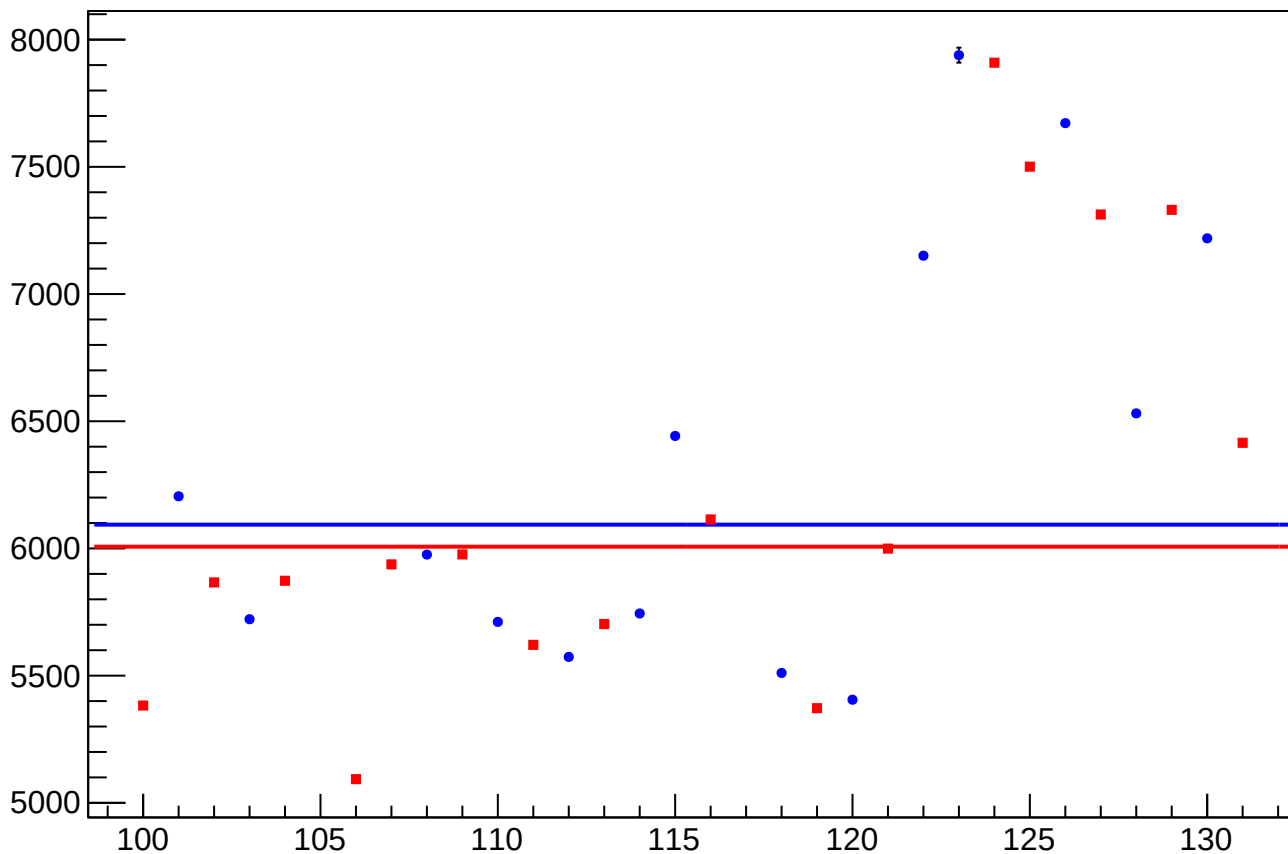
Right: -9.560 ± 1.812 $\chi^2/\text{NDF}: 38.6/29$

In: -12.065 ± 2.672 $\chi^2/\text{NDF}: 17.7/13$

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

All: -9.560 ± 1.812 $\chi^2/\text{NDF}: 38.6/29$

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 6093.585+/-1.889 χ^2/NDF : 123521.3/13

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

Right Out: 6006.972+/-1.744 χ^2/NDF : 143718.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

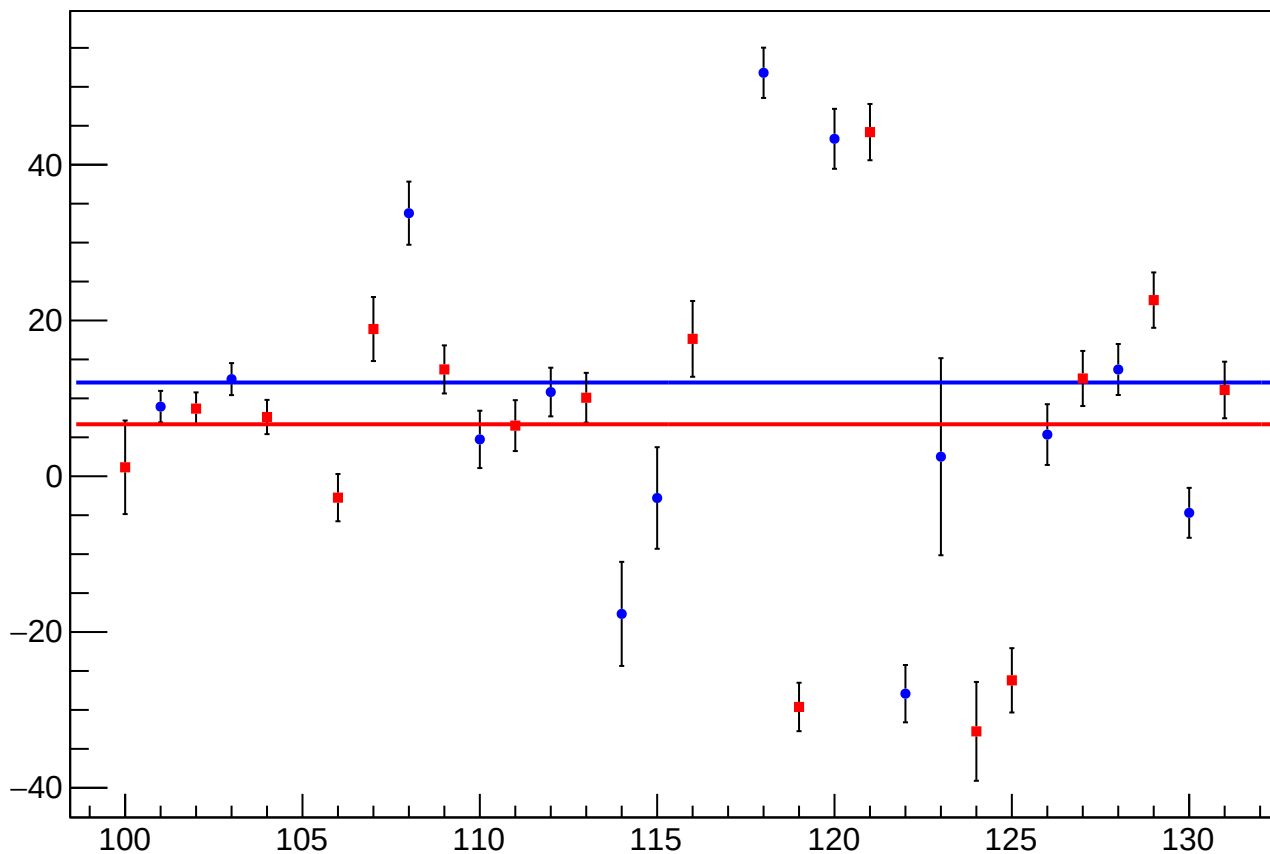
Right: 6046.835+/-1.282 χ^2/NDF : 268374.5/29

In: 6093.585+/-1.889 χ^2/NDF : 123521.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6046.835+/-1.282 χ^2/NDF : 268374.5/29

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 12.038+/-0.890 χ^2/NDF : 426.9/13

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

Right Out: 6.675+/-0.825 χ^2/NDF : 402.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

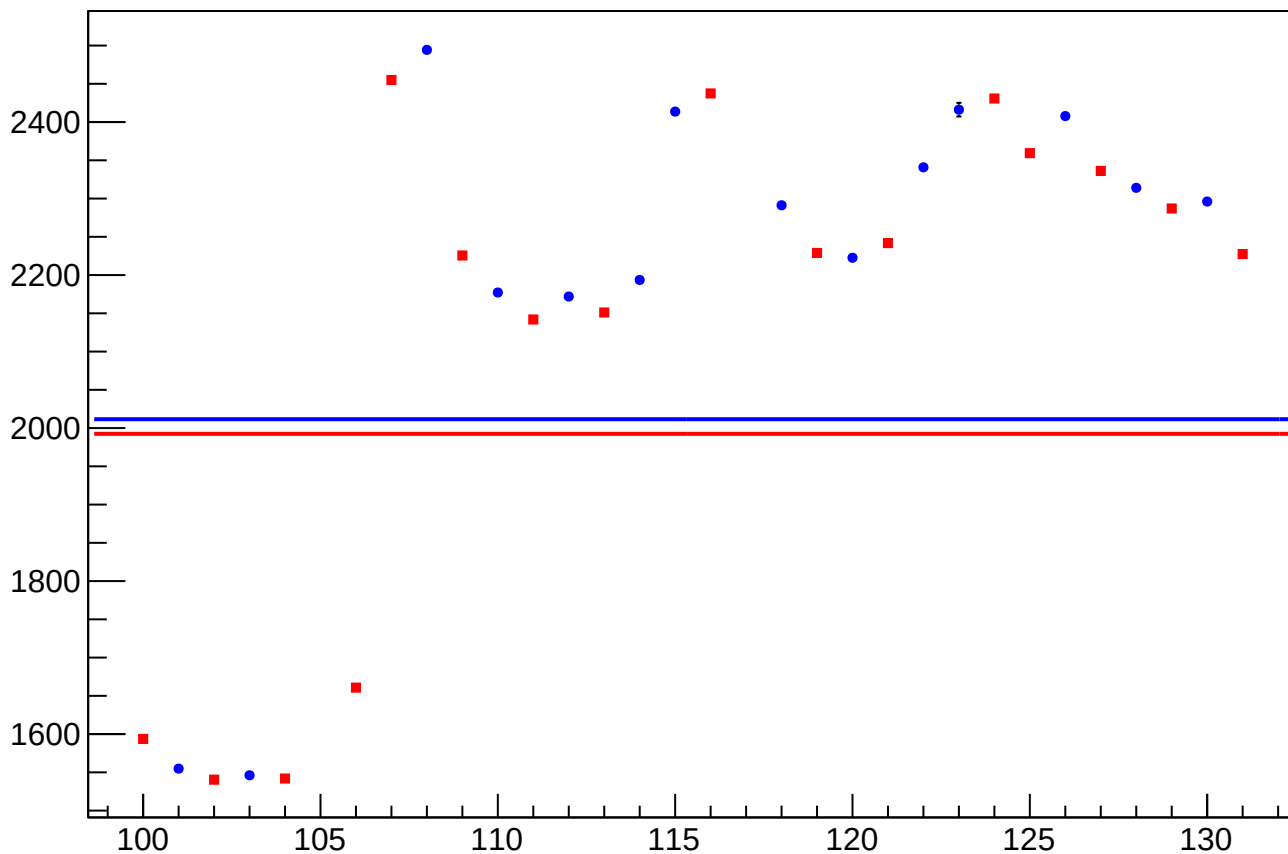
Right: 9.153+/-0.605 χ^2/NDF : 848.9/29

In: 12.038+/-0.890 χ^2/NDF : 426.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.153+/-0.605 χ^2/NDF : 848.9/29

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 2011.584+/-0.629 χ^2/NDF : 343585.3/13

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

Right Out: 1992.475+/-0.583 χ^2/NDF : 361058.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

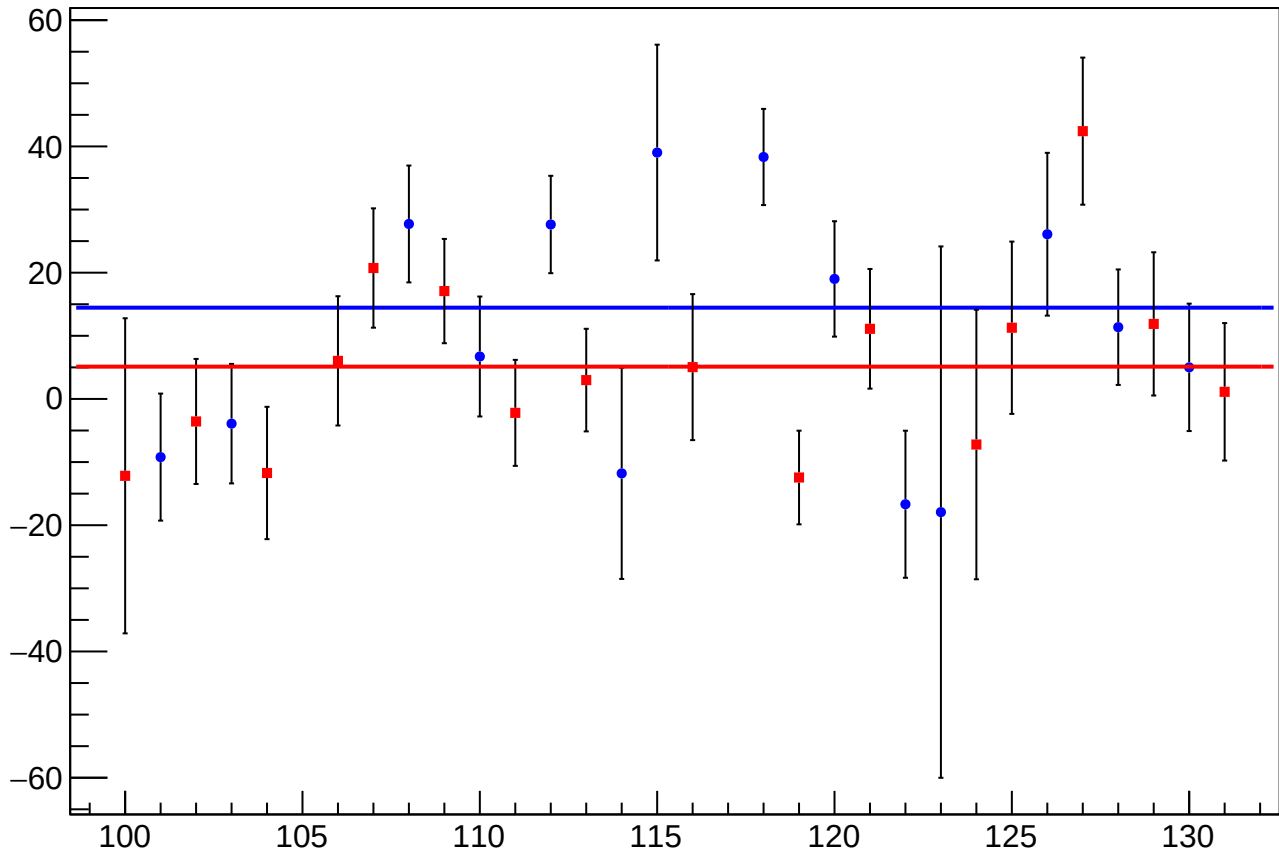
Right: 2001.306+/-0.428 χ^2/NDF : 705140.3/29

In: 2011.584+/-0.629 χ^2/NDF : 343585.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2001.306+/-0.428 χ^2/NDF : 705140.3/29

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 14.459+/-2.747 χ^2/NDF : 39.1/13

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

Right Out: 5.117+/-2.552 χ^2/NDF : 26.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

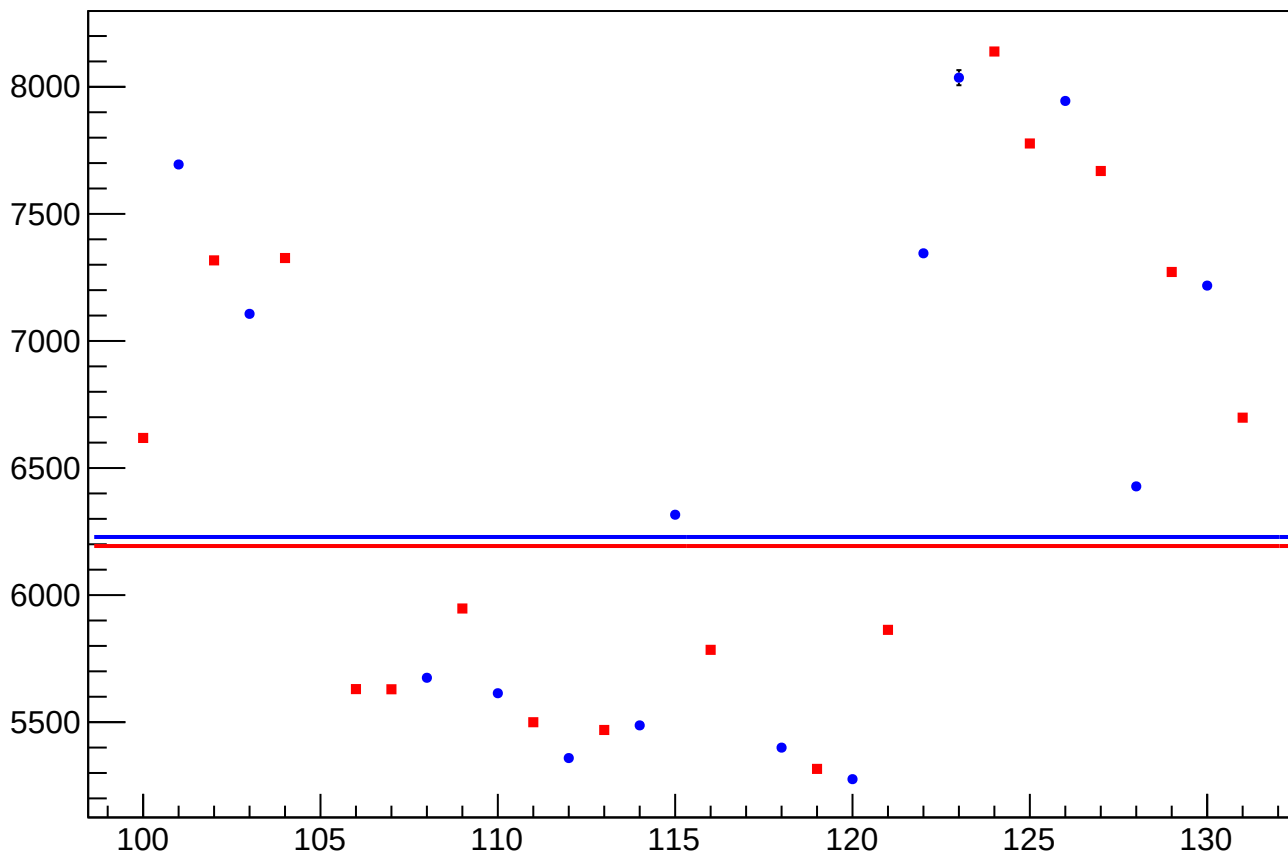
Right: 9.445+/-1.870 χ^2/NDF : 72.1/29

In: 14.459+/-2.747 χ^2/NDF : 39.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.445+/-1.870 χ^2/NDF : 72.1/29

diff_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 6228.652+/-1.942 χ^2/NDF : 227734.9/13

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

Right Out: 6193.093+/-1.805 χ^2/NDF : 225076.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

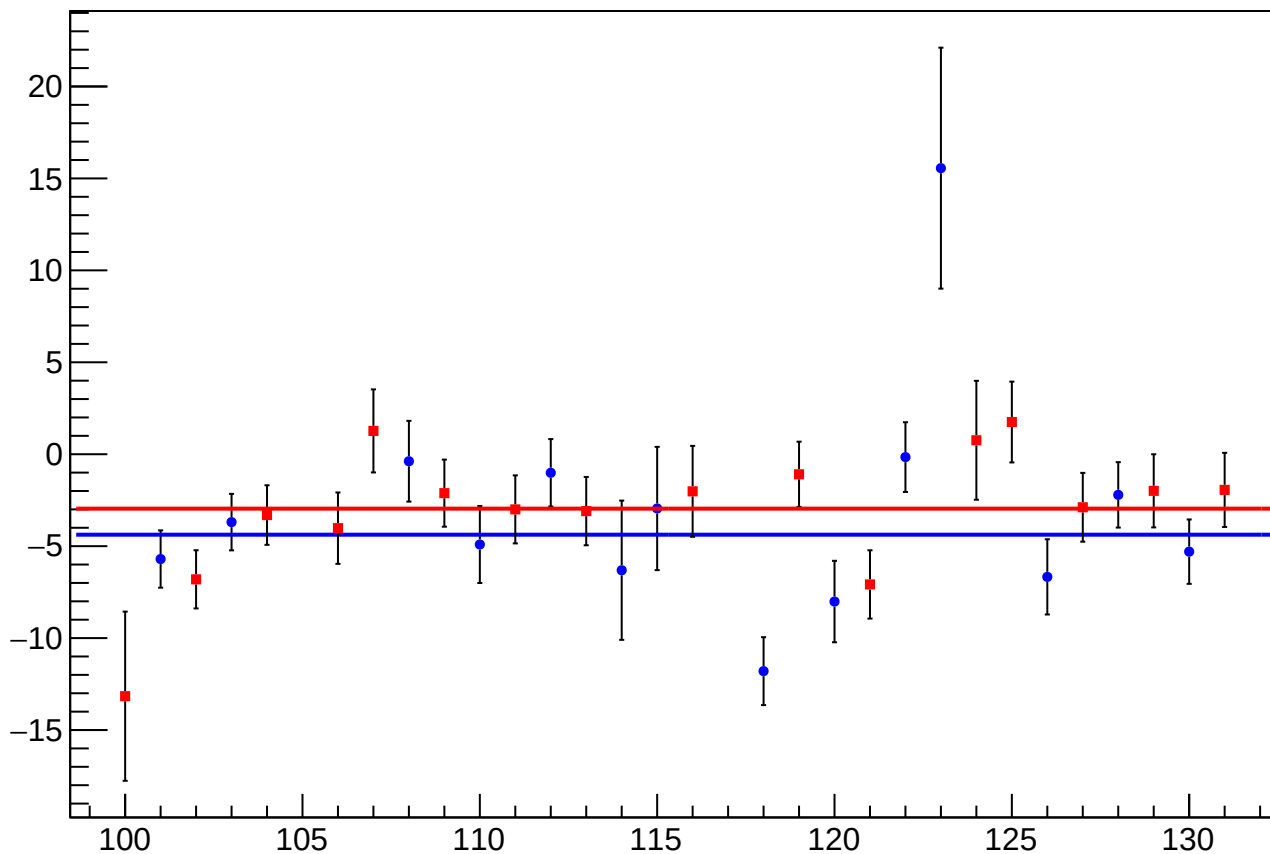
Right: 6209.568+/-1.322 χ^2/NDF : 452991.1/29

In: 6228.652+/-1.942 χ^2/NDF : 227734.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6209.568+/-1.322 χ^2/NDF : 452991.1/29

diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -4.376+/-0.542 χ^2/NDF : 44.2/13

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

Right Out: -2.959+/-0.498 χ^2/NDF : 27.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

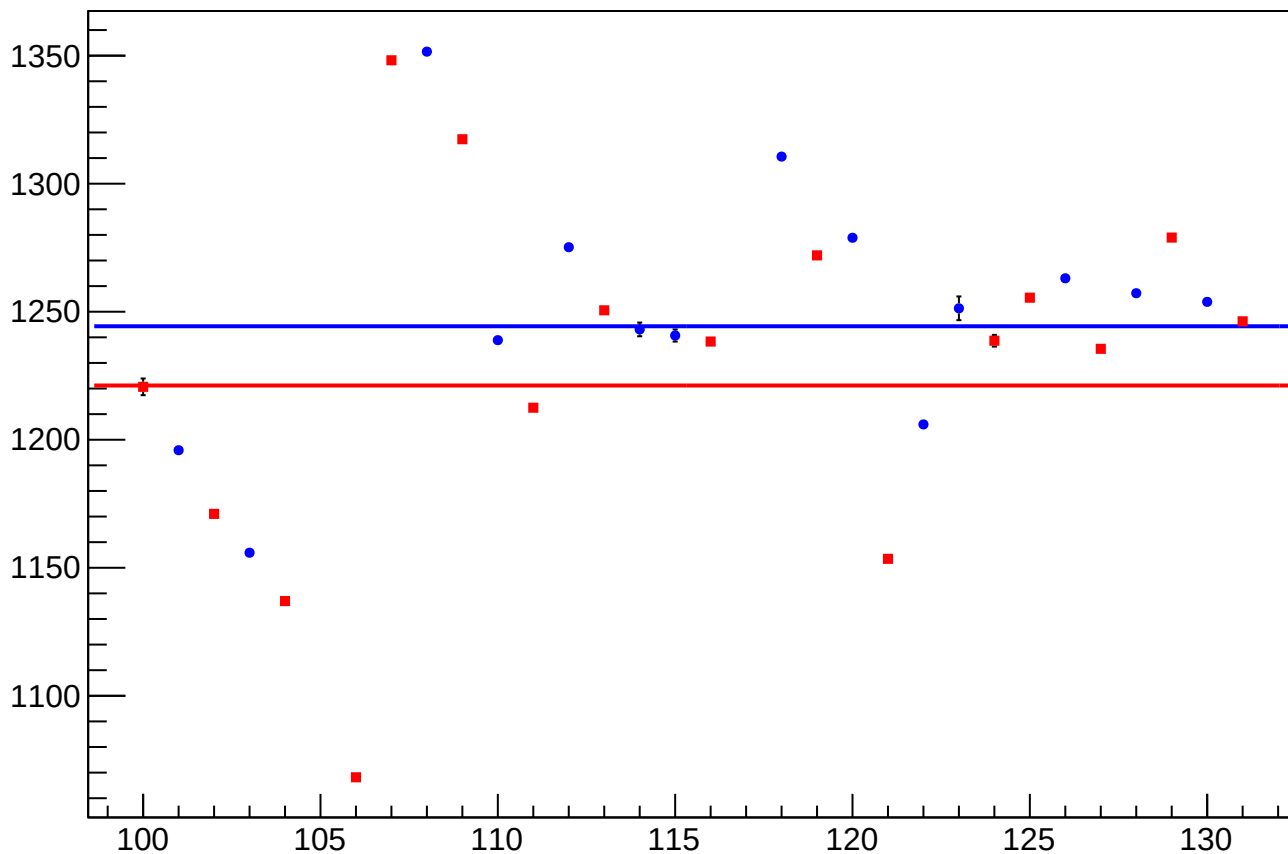
Right: -3.608+/-0.367 χ^2/NDF : 75.3/29

In: -4.376+/-0.542 χ^2/NDF : 44.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.608+/-0.367 χ^2/NDF : 75.3/29

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1244.323+/-0.383 χ^2/NDF : 18128.5/13

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

Right Out: 1221.184+/-0.352 χ^2/NDF : 39327.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

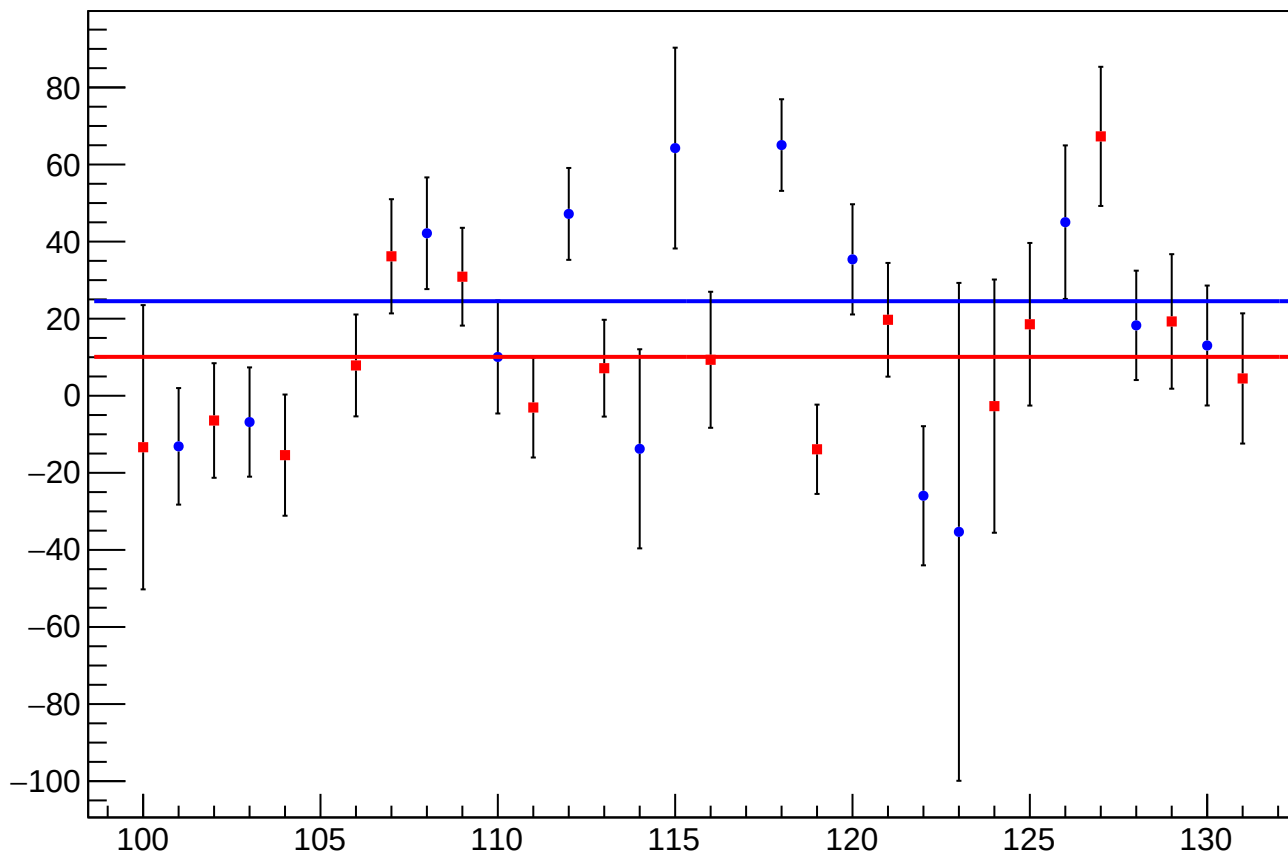
Right: 1231.784+/-0.259 χ^2/NDF : 59432.2/29

In: 1244.323+/-0.383 χ^2/NDF : 18128.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1231.784+/-0.259 χ^2/NDF : 59432.2/29

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: 24.536+/-4.239 χ^2/NDF : 44.3/13

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

Right Out: 10.089+/-3.882 χ^2/NDF : 26.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

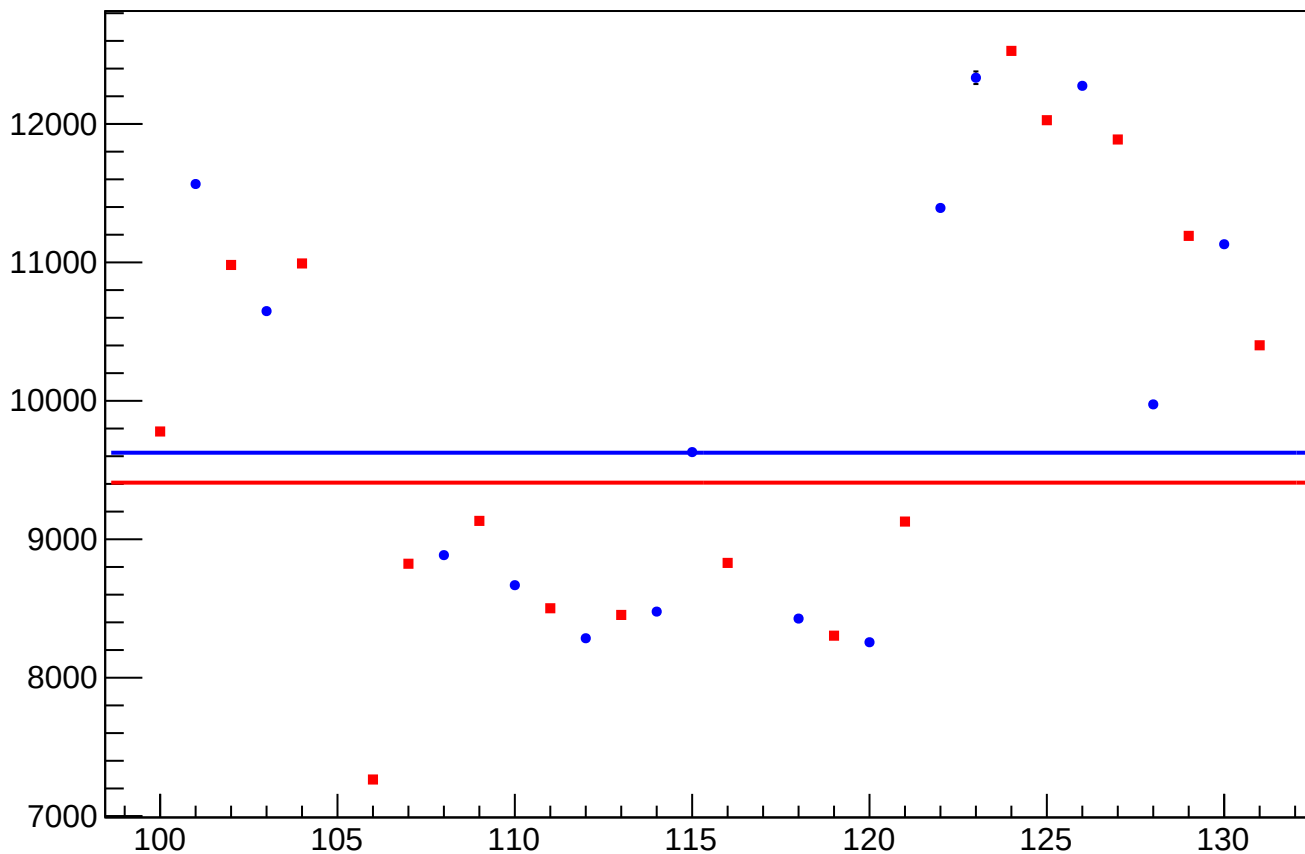
Right: 16.679+/-2.863 χ^2/NDF : 77.3/29

In: 24.536+/-4.239 χ^2/NDF : 44.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.679+/-2.863 χ^2/NDF : 77.3/29

diff_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 9625.321+/-2.997 χ^2/NDF : 202978.9/13

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

Right Out: 9409.113+/-2.745 χ^2/NDF : 256286.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

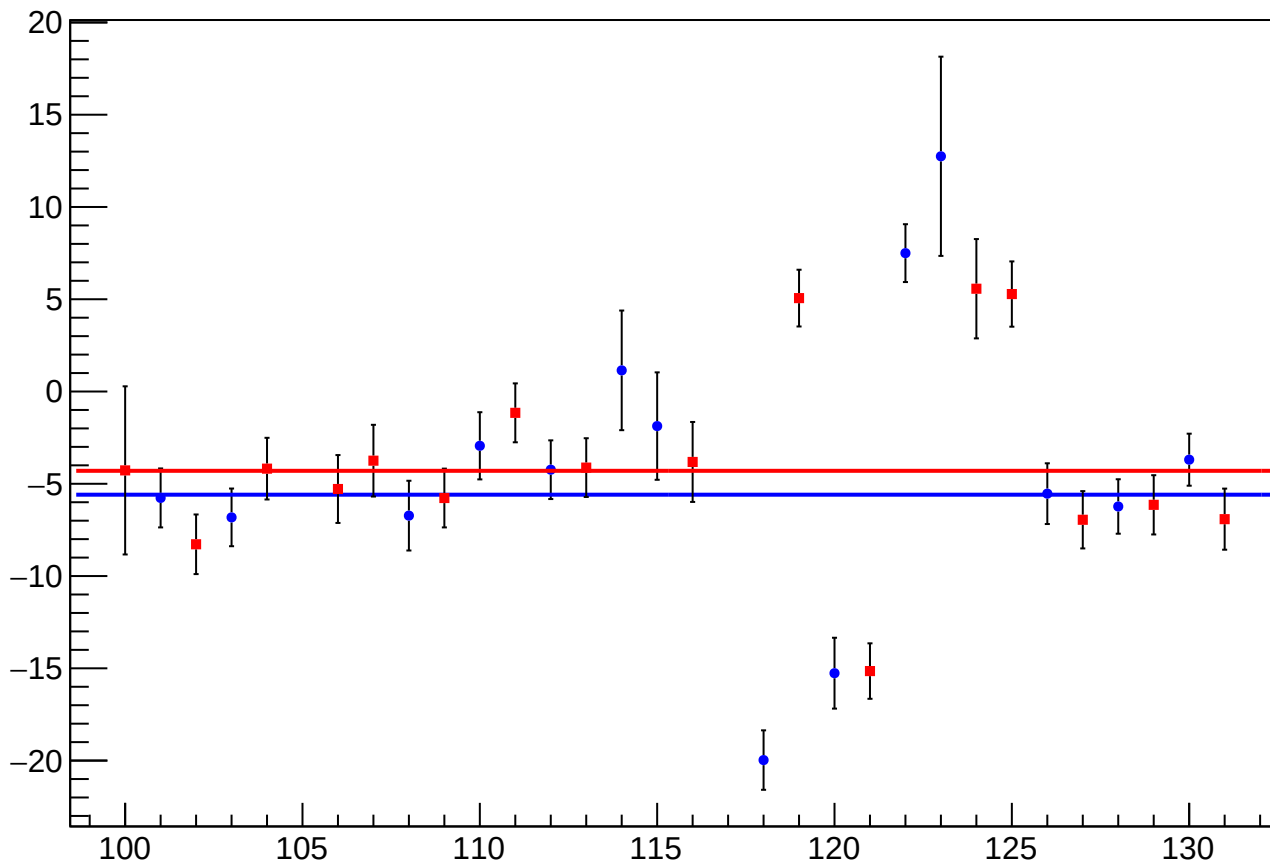
Right: 9507.735+/-2.024 χ^2/NDF : 462095.0/29

In: 9625.321+/-2.997 χ^2/NDF : 202978.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9507.735+/-2.024 χ^2/NDF : 462095.0/29

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -5.591 ± 0.476 χ^2/NDF : 198.1/13

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

Right Out: -4.297 ± 0.437 χ^2/NDF : 149.9/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

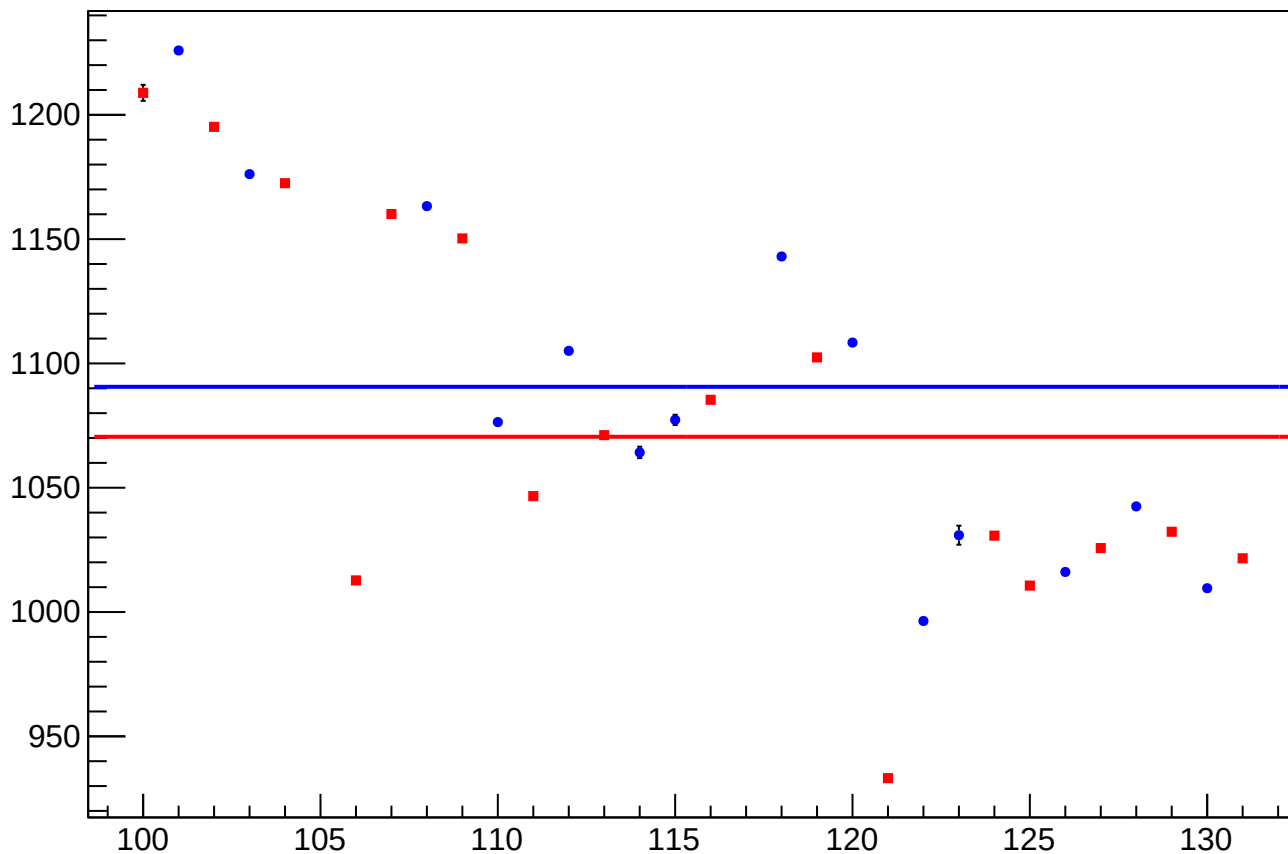
Right: -4.890 ± 0.322 χ^2/NDF : 352.1/29

In: -5.591 ± 0.476 χ^2/NDF : 198.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.890 ± 0.322 χ^2/NDF : 352.1/29

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1090.595+/-0.336 χ^2/NDF : 46344.8/13

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

Right Out: 1070.495+/-0.309 χ^2/NDF : 57821.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

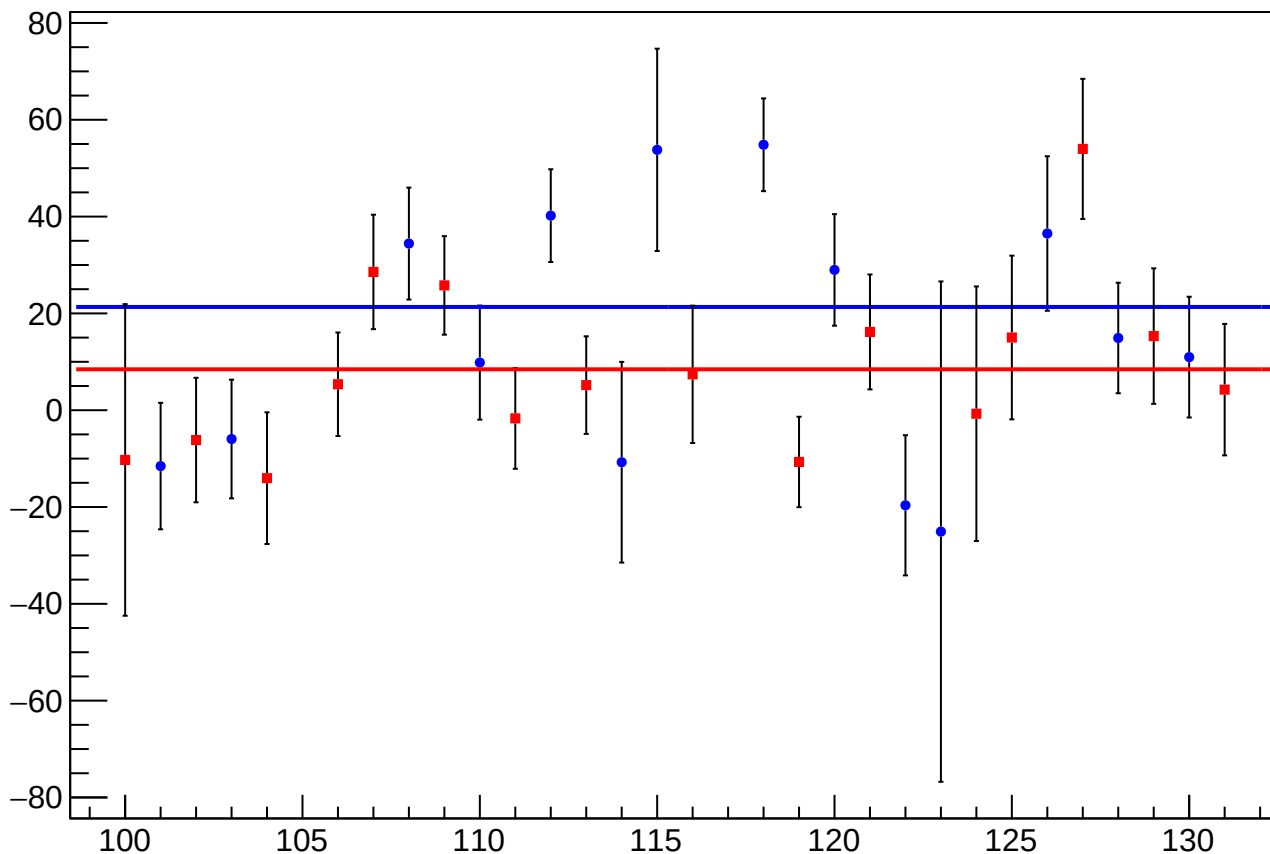
Right: 1079.699+/-0.228 χ^2/NDF : 106103.5/29

In: 1090.595+/-0.336 χ^2/NDF : 46344.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1079.699+/-0.228 χ^2/NDF : 106103.5/29

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 21.331+/-3.444 χ^2/NDF : 45.6/13

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

Right Out: 8.449+/-3.150 χ^2/NDF : 26.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

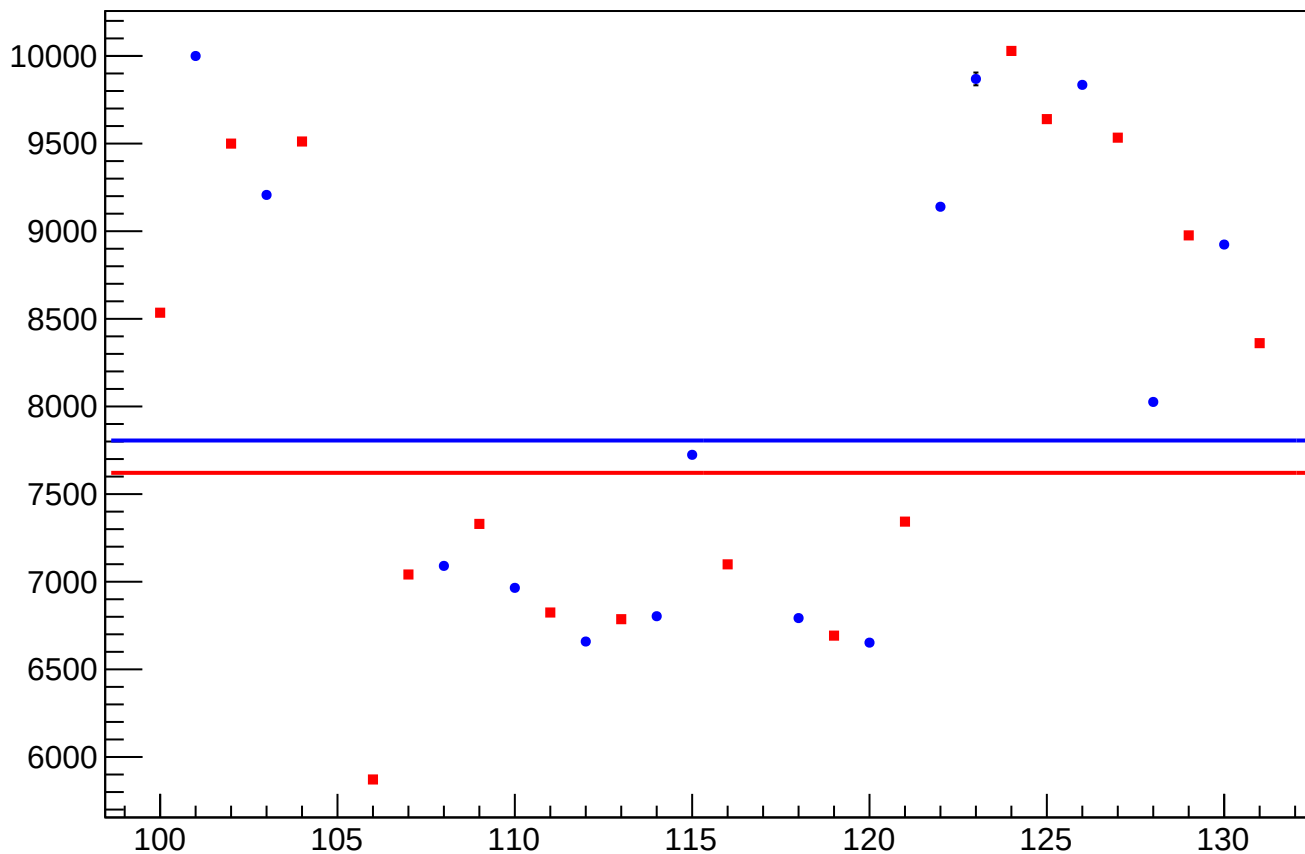
Right: 14.316+/-2.324 χ^2/NDF : 79.6/29

In: 21.331+/-3.444 χ^2/NDF : 45.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.316+/-2.324 χ^2/NDF : 79.6/29

diff_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 7805.809+/-2.436 χ^2/NDF : 245360.6/13

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

Right Out: 7621.279+/-2.227 χ^2/NDF : 296785.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

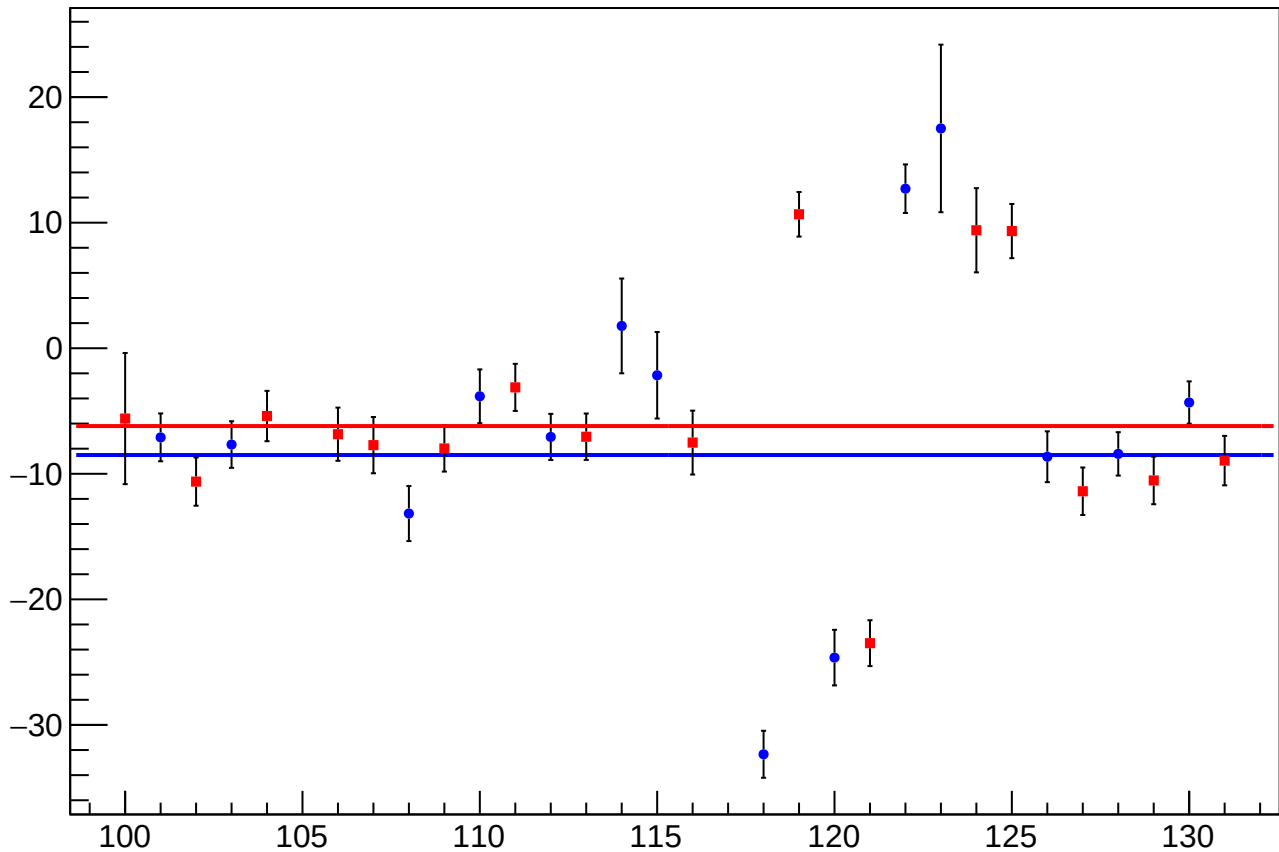
Right: 7705.313+/-1.644 χ^2/NDF : 545272.6/29

In: 7805.809+/-2.436 χ^2/NDF : 245360.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7705.313+/-1.644 χ^2/NDF : 545272.6/29

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -8.505+/-0.563 χ^2/NDF : 378.5/13

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

Right Out: -6.199+/-0.517 χ^2/NDF : 278.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

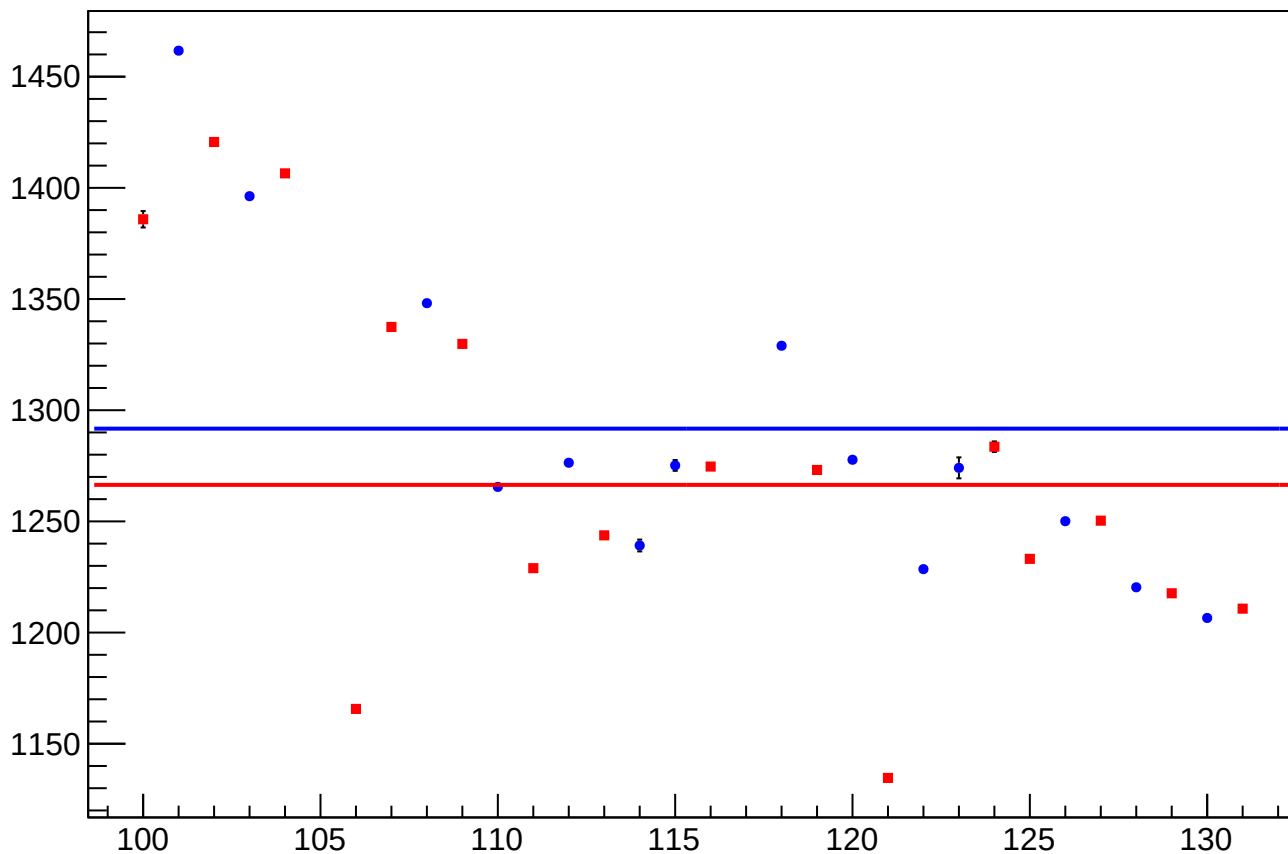
Right: -7.254+/-0.381 χ^2/NDF : 665.6/29

In: -8.505+/-0.563 χ^2/NDF :378.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -7.254+/-0.381 χ^2/NDF : 665.6/29

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1291.714+/-0.398 χ^2/NDF : 36862.0/13

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

Right Out: 1266.415+/-0.366 χ^2/NDF : 47769.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

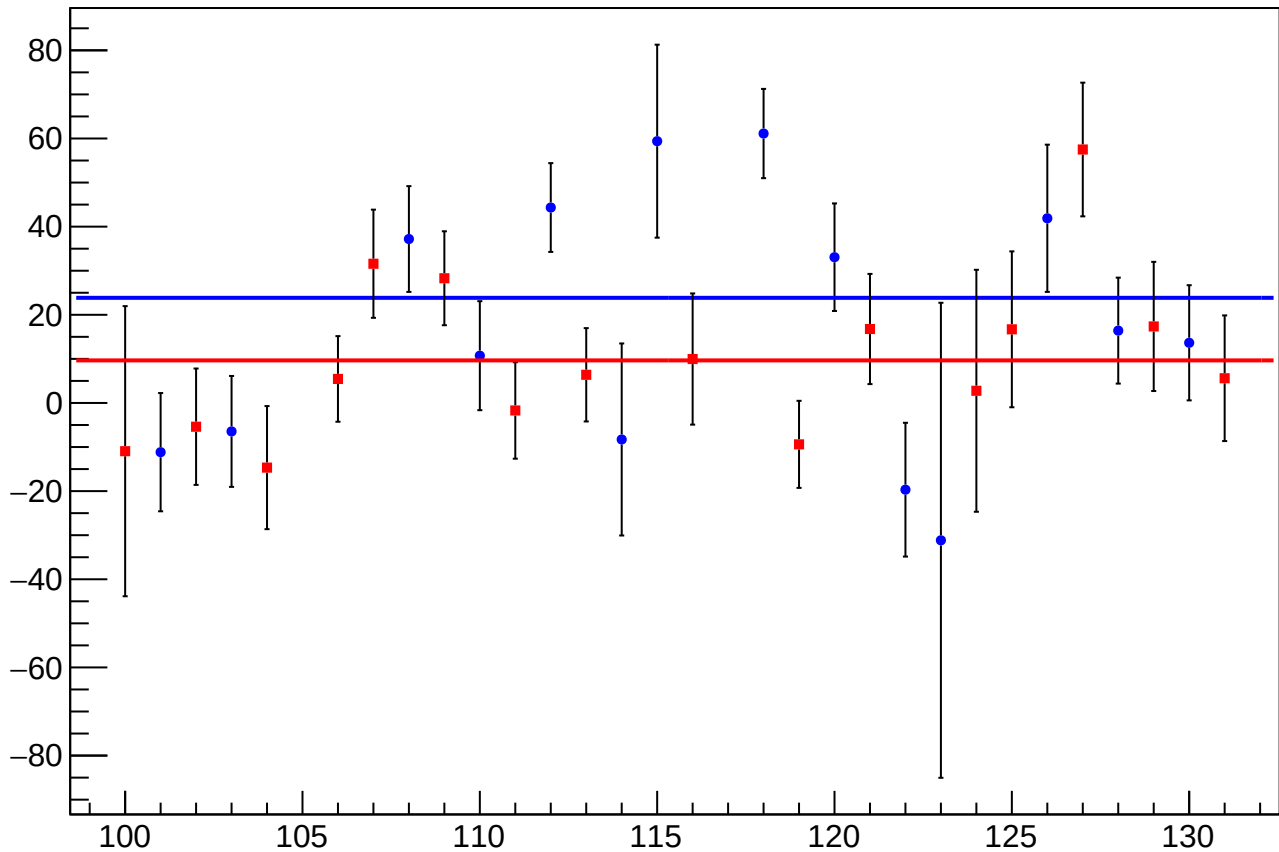
Right: 1277.988+/-0.269 χ^2/NDF : 86822.3/29

In: 1291.714+/-0.398 χ^2/NDF : 36862.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1277.988+/-0.269 χ^2/NDF : 86822.3/29

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 23.853+/-3.605 χ^2/NDF : 49.5/13

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

Right Out: 9.657+/-3.249 χ^2/NDF : 26.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

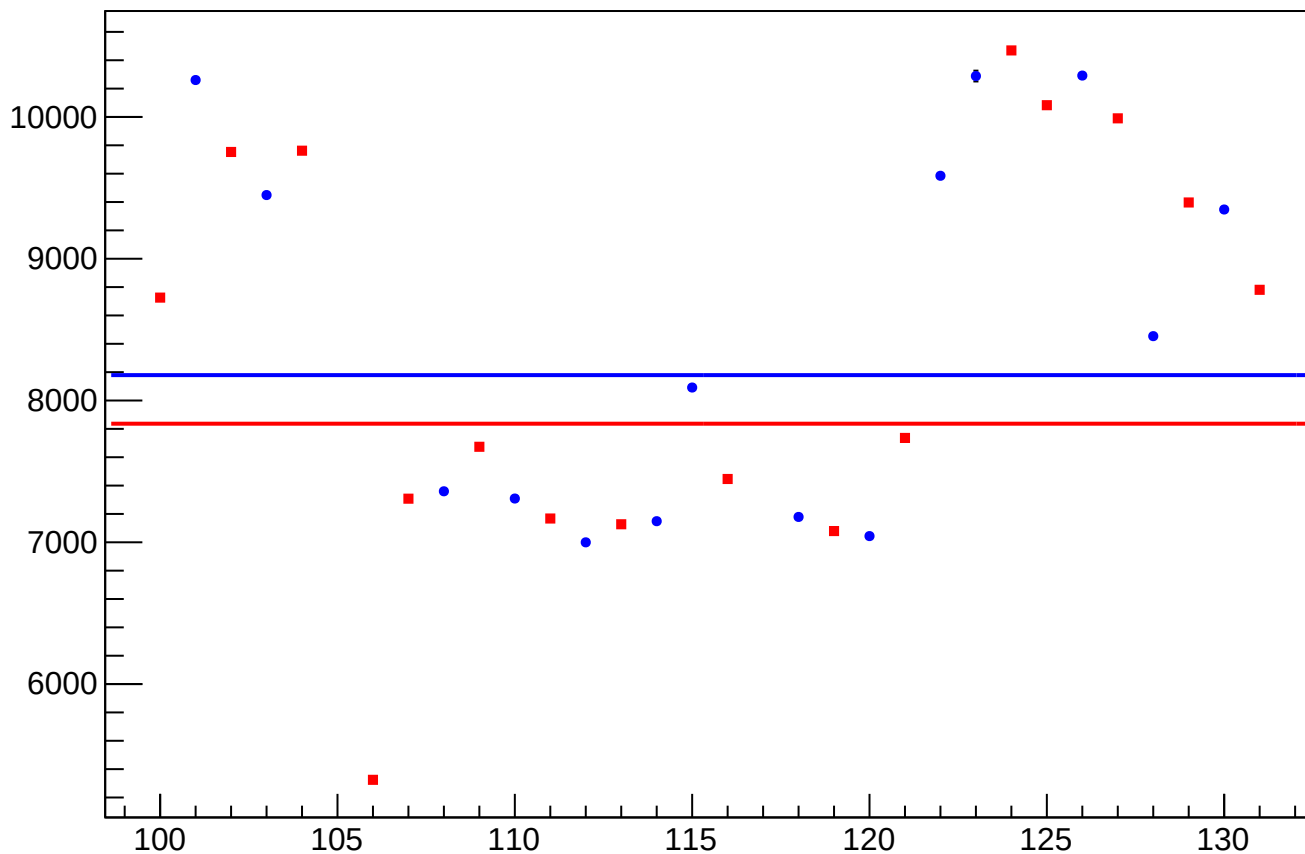
Right: 16.019+/-2.414 χ^2/NDF : 85.0/29

In: 23.853+/-3.605 χ^2/NDF : 49.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.019+/-2.414 χ^2/NDF : 85.0/29

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 8179.140+/-2.549 χ^2/NDF : 225814.3/13

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

Right Out: 7836.476+/-2.297 χ^2/NDF : 371779.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

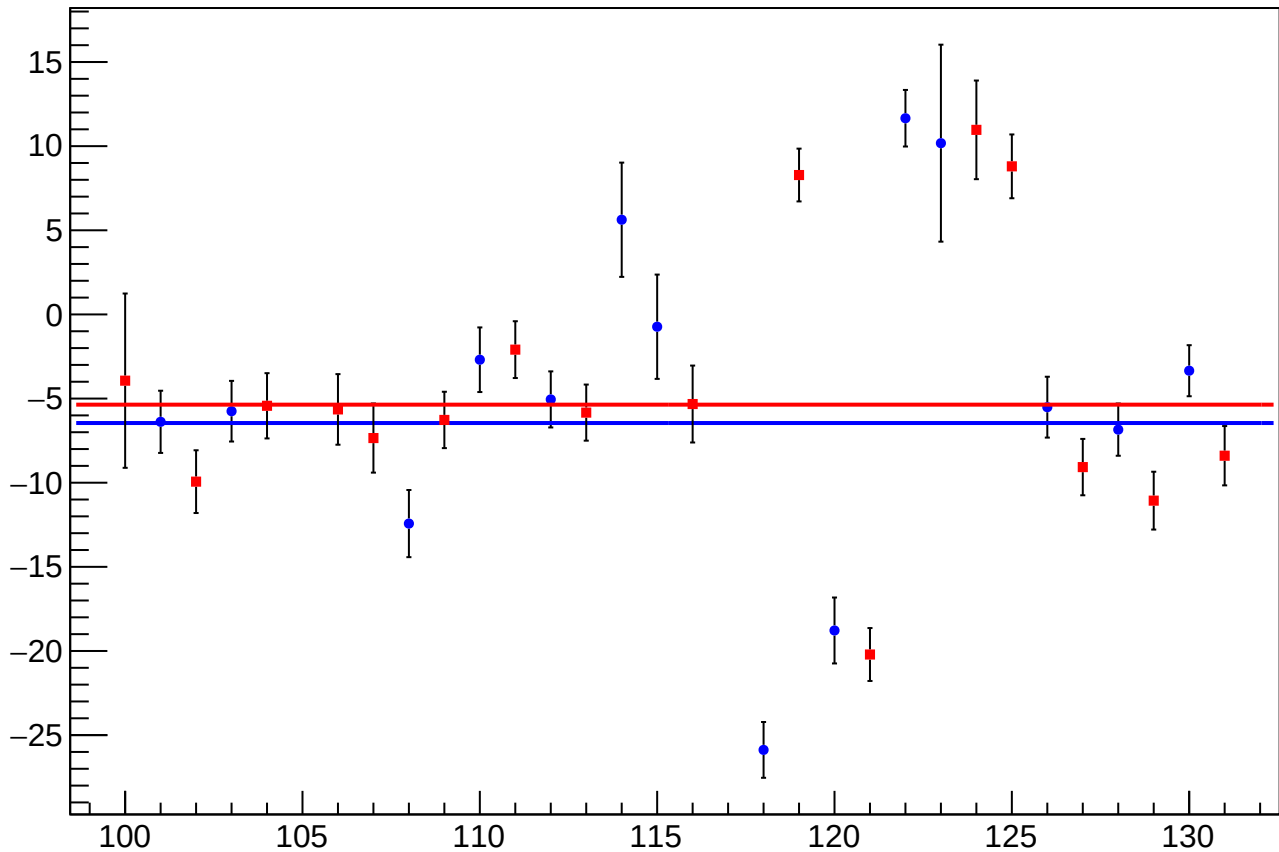
Right: 7990.044+/-1.707 χ^2/NDF : 607563.6/29

In: 8179.140+/-2.549 χ^2/NDF : 225814.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7990.044+/-1.707 χ^2/NDF : 607563.6/29

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -6.454 ± 0.511 χ^2/NDF : 335.4/13

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

Right Out: -5.362 ± 0.469 χ^2/NDF : 281.8/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

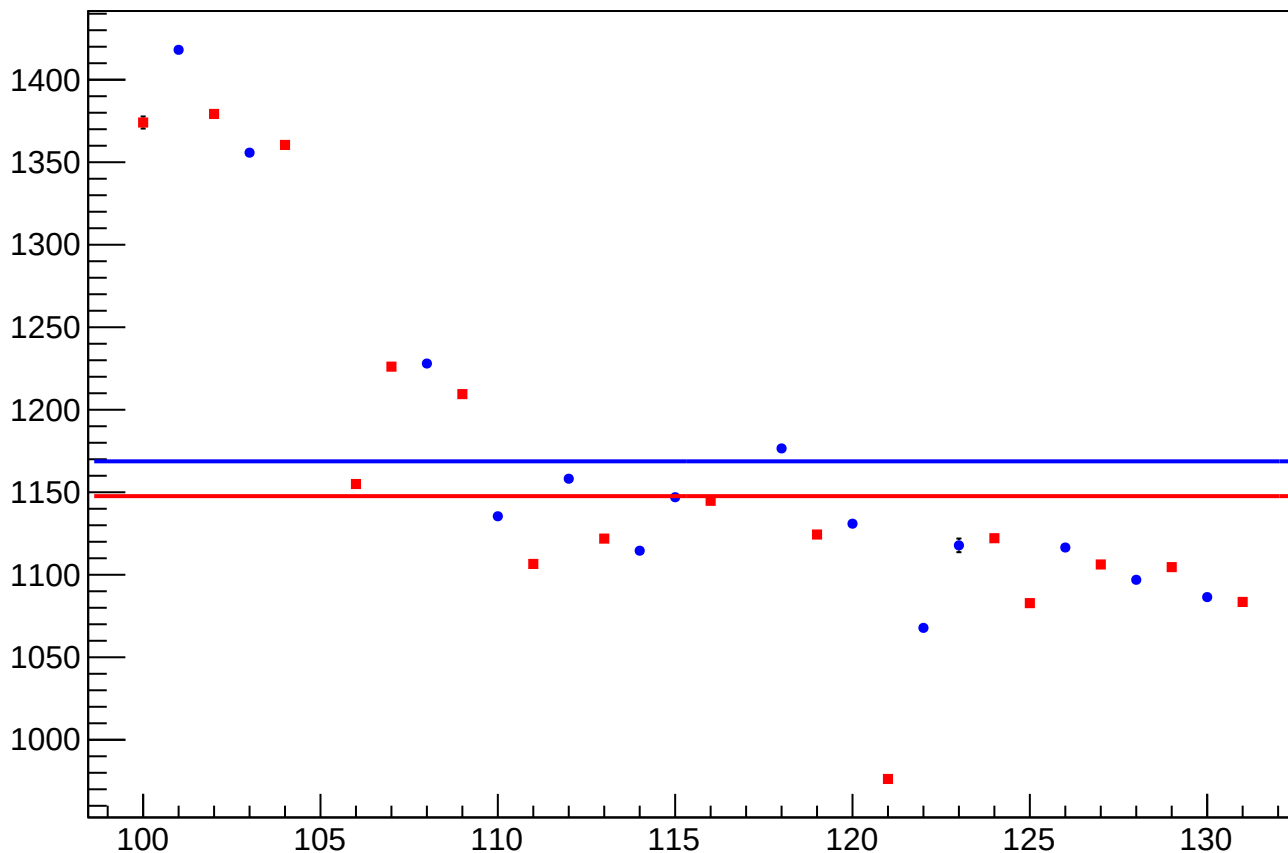
Right: -5.862 ± 0.346 χ^2/NDF : 619.6/29

In: -6.454 ± 0.511 χ^2/NDF : 335.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.862 ± 0.346 χ^2/NDF : 619.6/29

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1168.744+/-0.361 χ^2/NDF : 80992.6/13

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

Right Out: 1147.652+/-0.332 χ^2/NDF : 97922.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

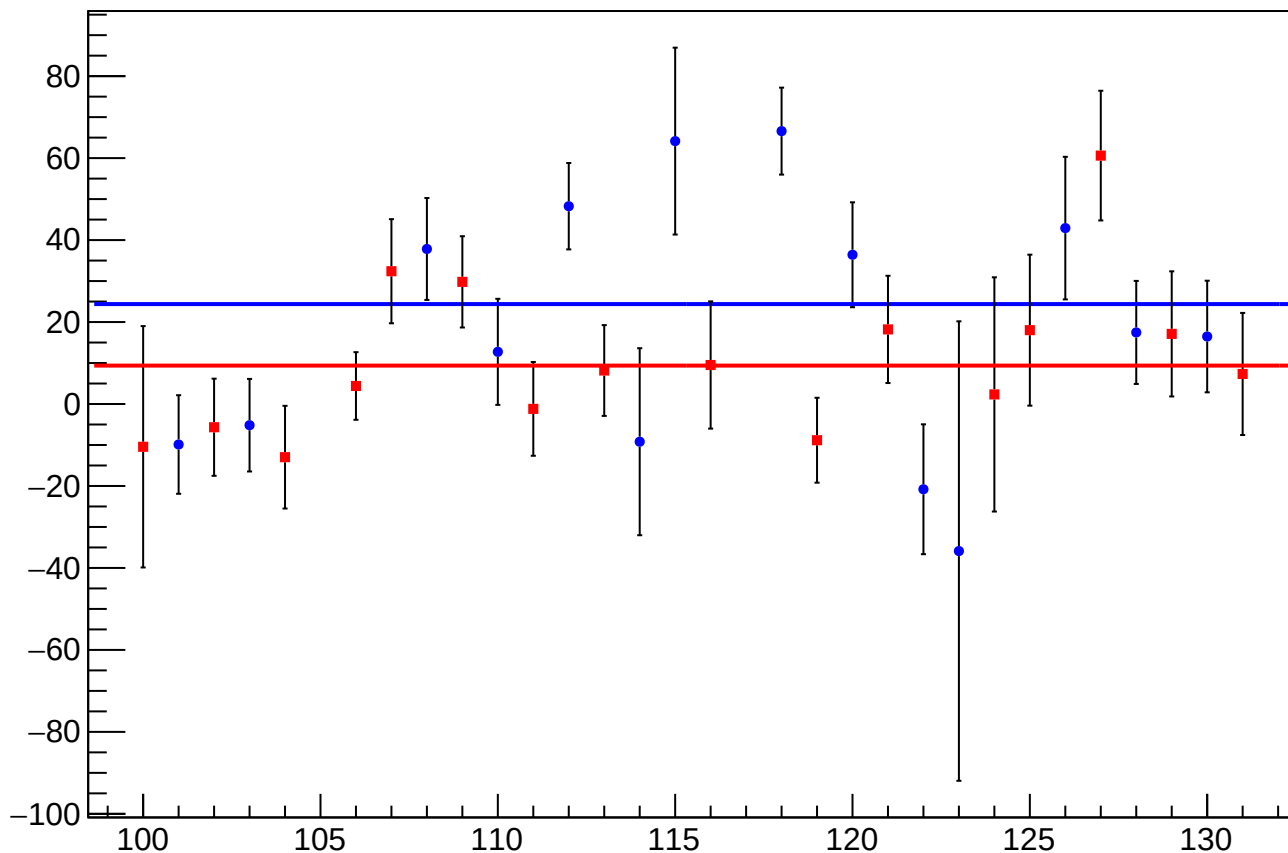
Right: 1157.317+/-0.244 χ^2/NDF : 180764.9/29

In: 1168.744+/-0.361 χ^2/NDF : 80992.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1157.317+/-0.244 χ^2/NDF : 180764.9/29

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: 24.382 $\pm$ 3.667 χ^2 /NDF: 55.1/13

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

Right Out: 9.372 $\pm$ 3.233 χ^2 /NDF: 27.7/15

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

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

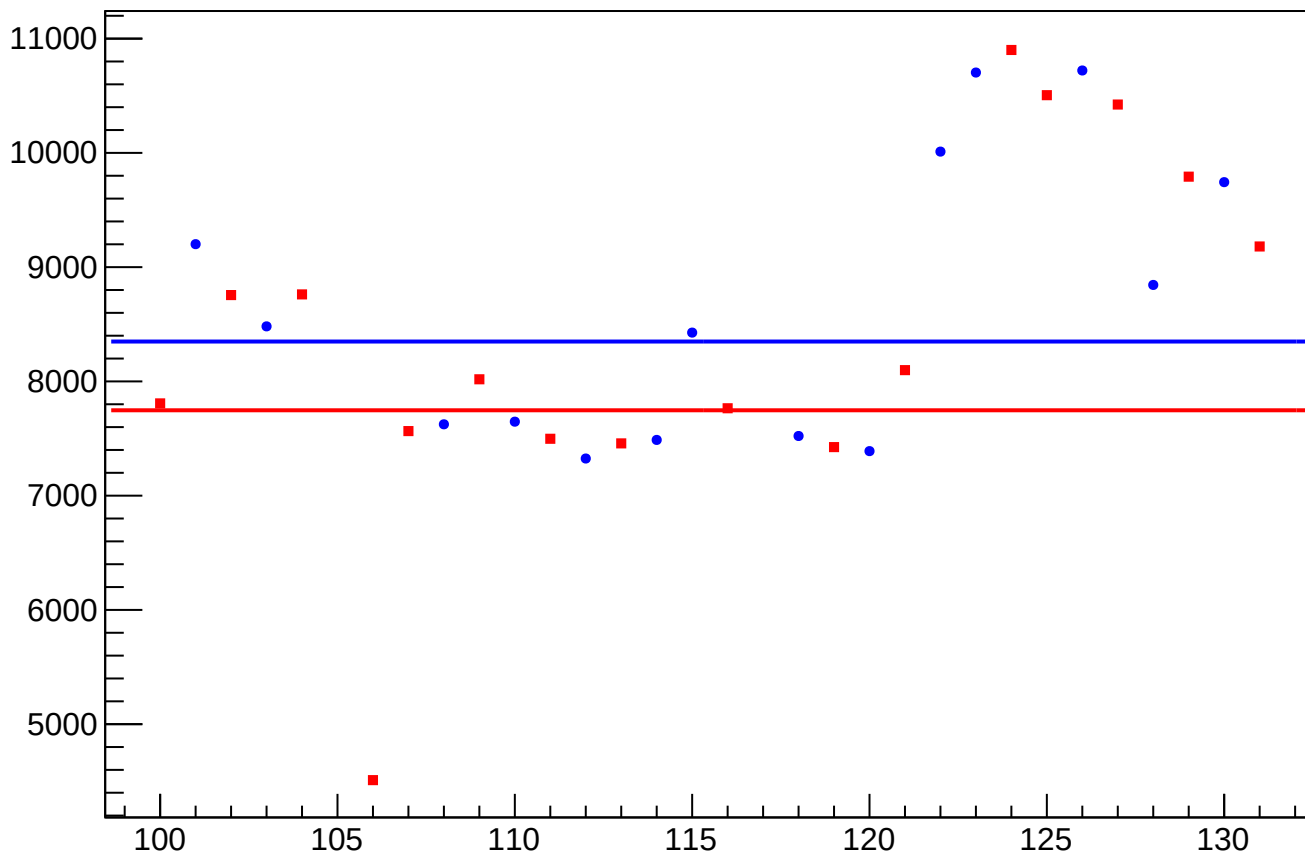
Right: 15.937 $\pm$ 2.425 χ^2 /NDF: 92.2/29

In: 24.382 $\pm$ 3.667 χ^2 /NDF:55.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 15.937 $\pm$ 2.425 χ^2 /NDF: 92.2/29

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 8349.006+/-2.593 χ^2/NDF : 154930.1/13

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

Right Out: 7747.258+/-2.286 χ^2/NDF : 523443.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

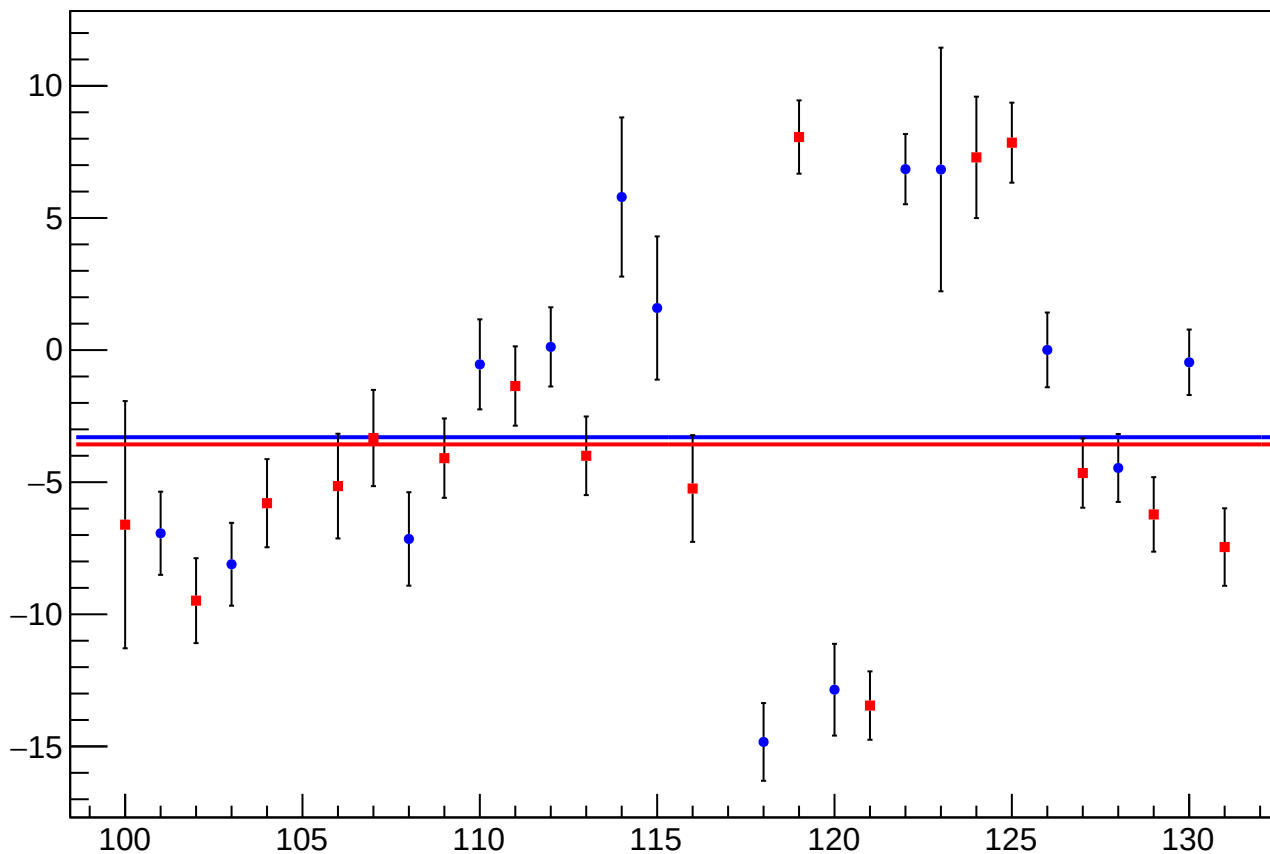
Right: 8010.444+/-1.715 χ^2/NDF : 708670.6/29

In: 8349.006+/-2.593 χ^2/NDF : 154930.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8010.444+/-1.715 χ^2/NDF : 708670.6/29

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -3.298+/-0.433 χ^2/NDF : 206.1/13

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

Right Out: -3.570+/-0.401 χ^2/NDF : 238.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

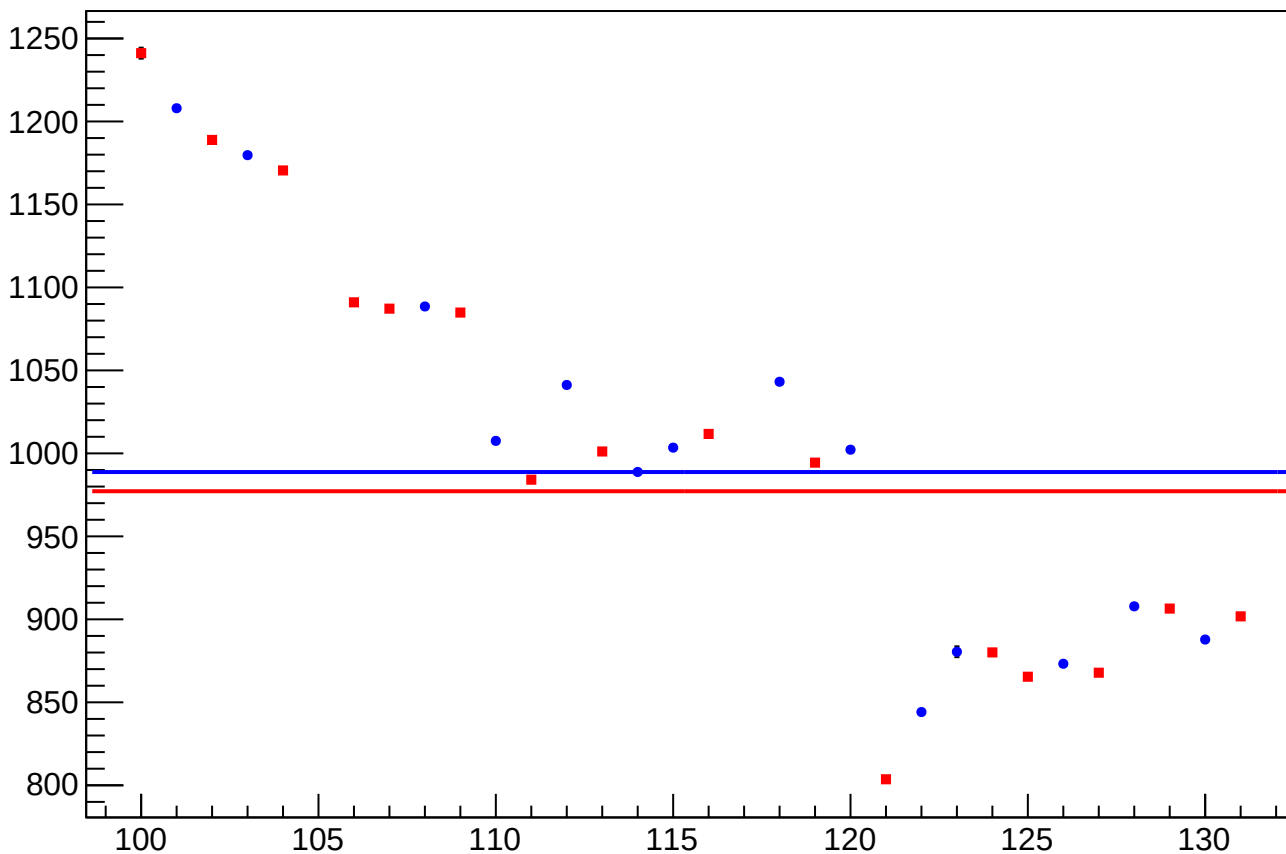
Right: -3.444+/-0.294 χ^2/NDF : 444.9/29

In: -3.298+/-0.433 χ^2/NDF :206.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.444+/-0.294 χ^2/NDF : 444.9/29

diff_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 988.756 ± 0.306 χ^2/NDF : 139767.7/13

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

Right Out: 977.195 ± 0.283 χ^2/NDF : 168158.8/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

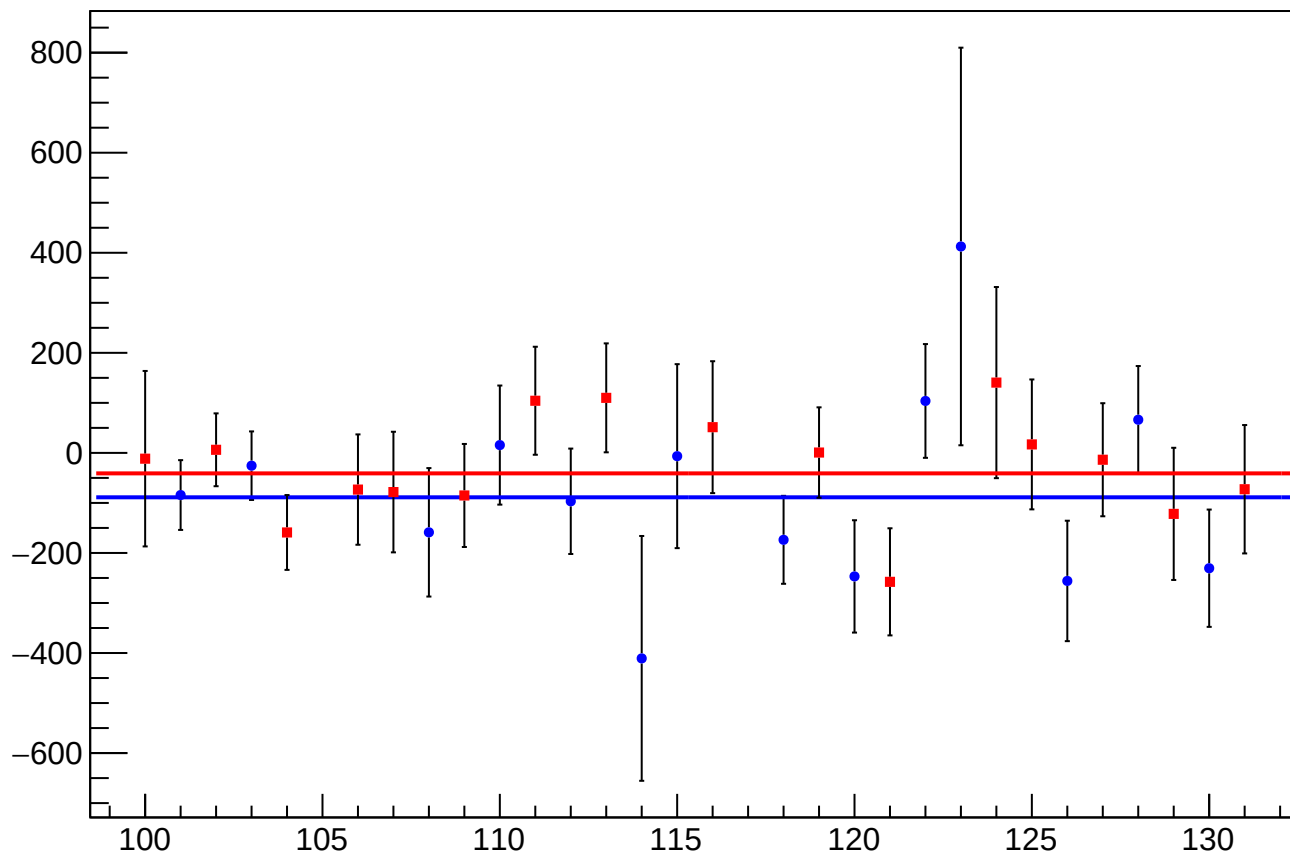
Right: 982.530 ± 0.208 χ^2/NDF : 308693.8/29

In: 988.756 ± 0.306 χ^2/NDF : 139767.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 982.530 ± 0.208 χ^2/NDF : 308693.8/29

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -88.771+/-28.778 χ^2/NDF : 16.7/13

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

Right Out: -40.931+/-27.058 χ^2/NDF : 13.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

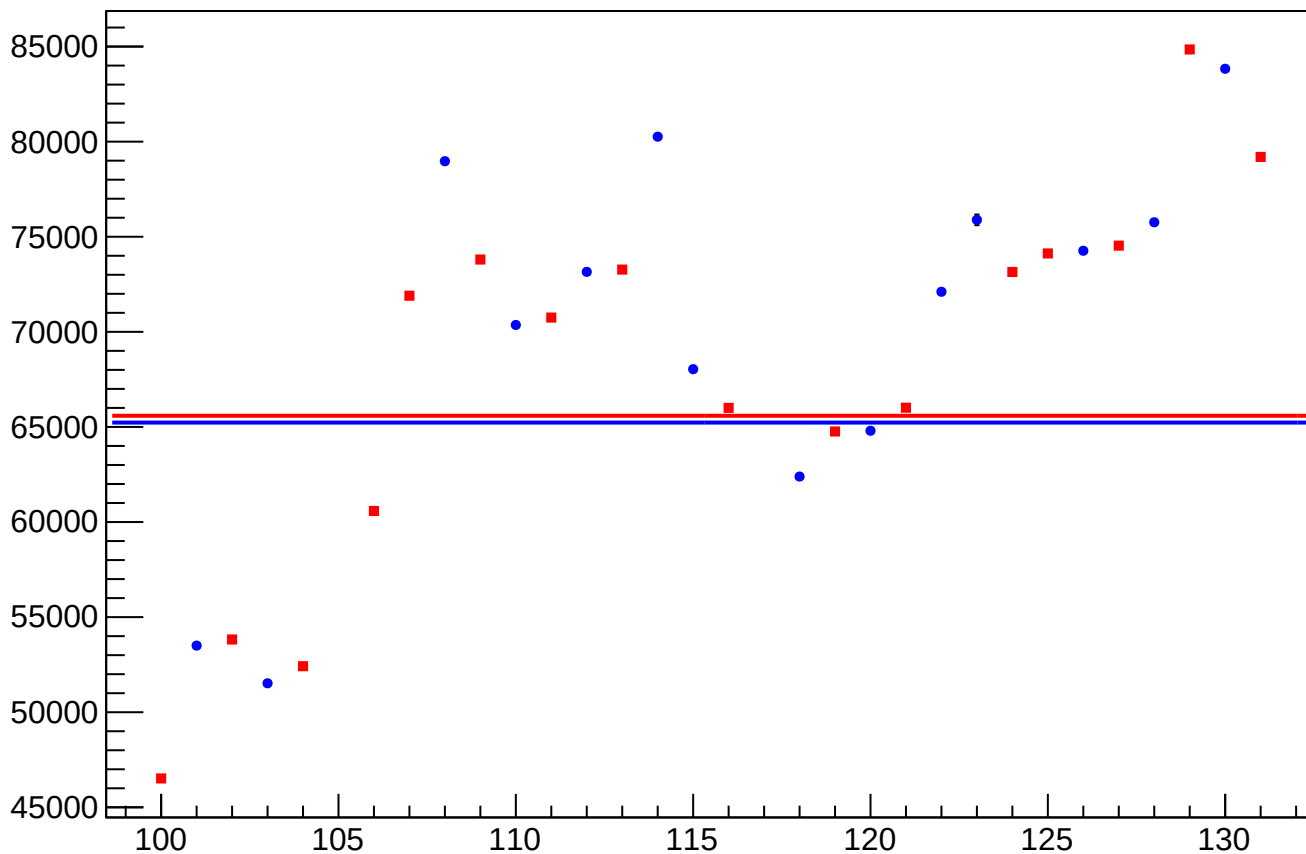
Right: -63.378+/-19.713 χ^2/NDF : 31.6/29

In: -88.771+/-28.778 χ^2/NDF : 16.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.378+/-19.713 χ^2/NDF : 31.6/29

diff_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 65229.017+/-20.349 χ^2/NDF : 274378.3/13

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

Right Out: 65587.160+/-19.133 χ^2/NDF : 264268.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

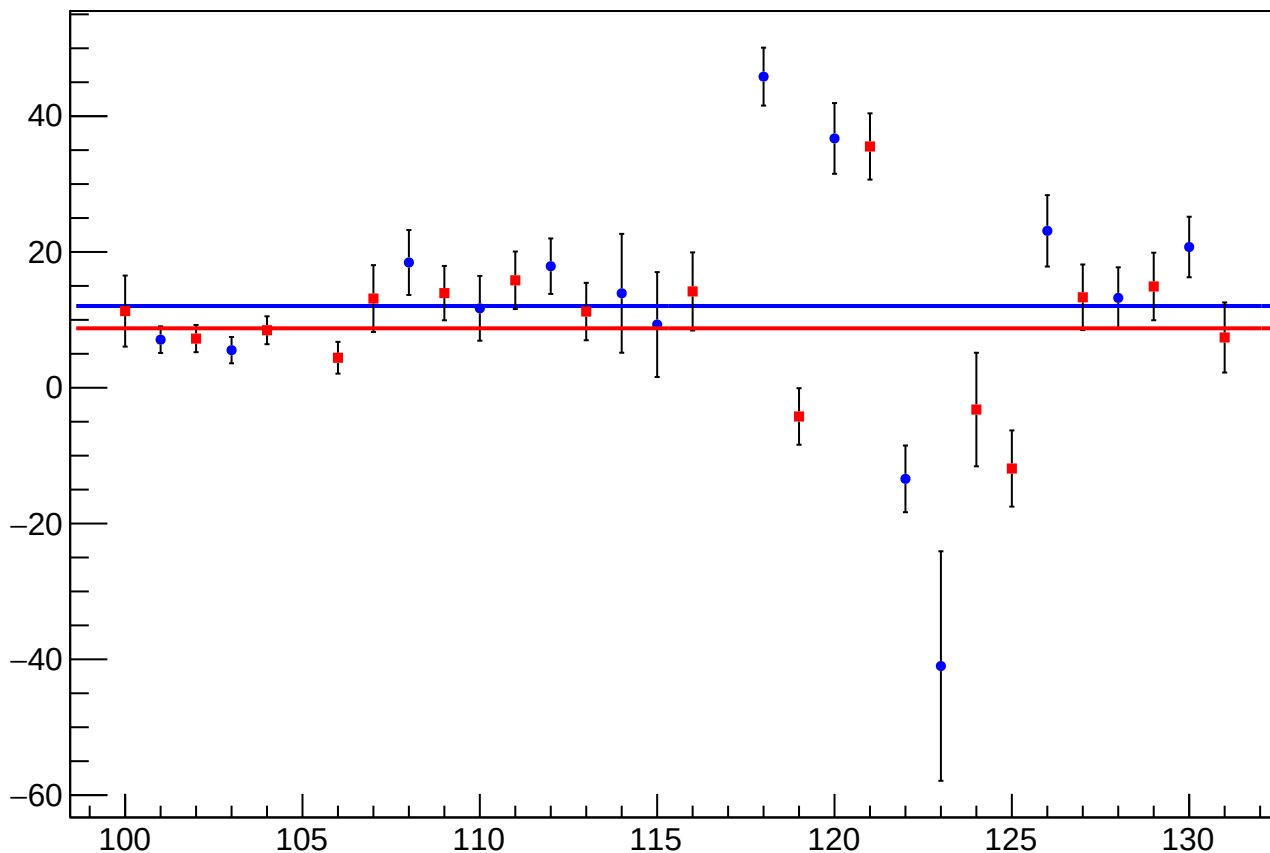
Right: 65419.115+/-13.939 χ^2/NDF : 538811.7/29

In: 65229.017+/-20.349 χ^2/NDF :274378.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 65419.115+/-13.939 χ^2/NDF : 538811.7/29

diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 12.041+/-1.012 χ^2/NDF : 151.8/13

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

Right Out: 8.755+/-0.906 χ^2/NDF : 68.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

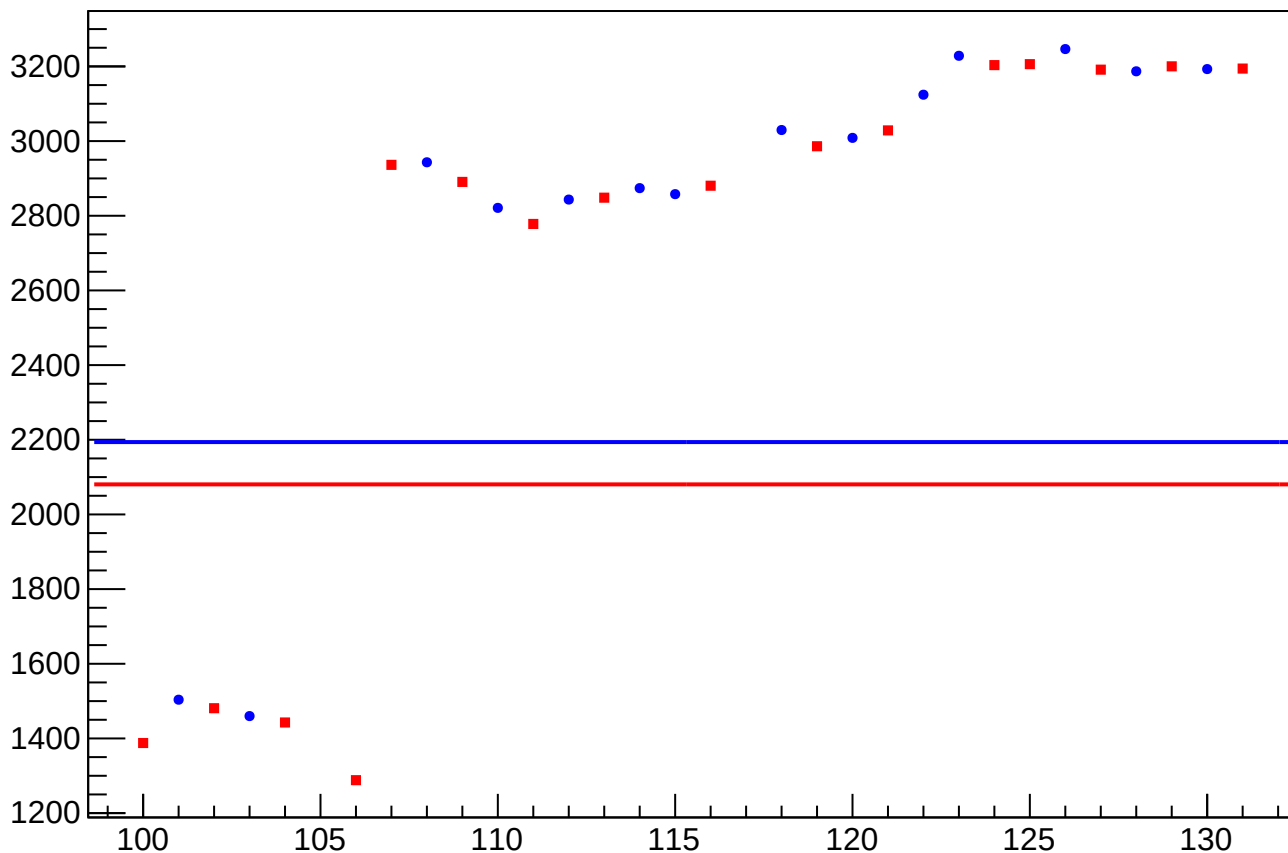
Right: 10.217+/-0.675 χ^2/NDF : 226.4/29

In: 12.041+/-1.012 χ^2/NDF : 151.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.217+/-0.675 χ^2/NDF : 226.4/29

diff_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 2193.809+/-0.716 χ^2/NDF : 1177749.6/13

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

Right Out: 2080.494+/-0.641 χ^2/NDF : 1524134.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

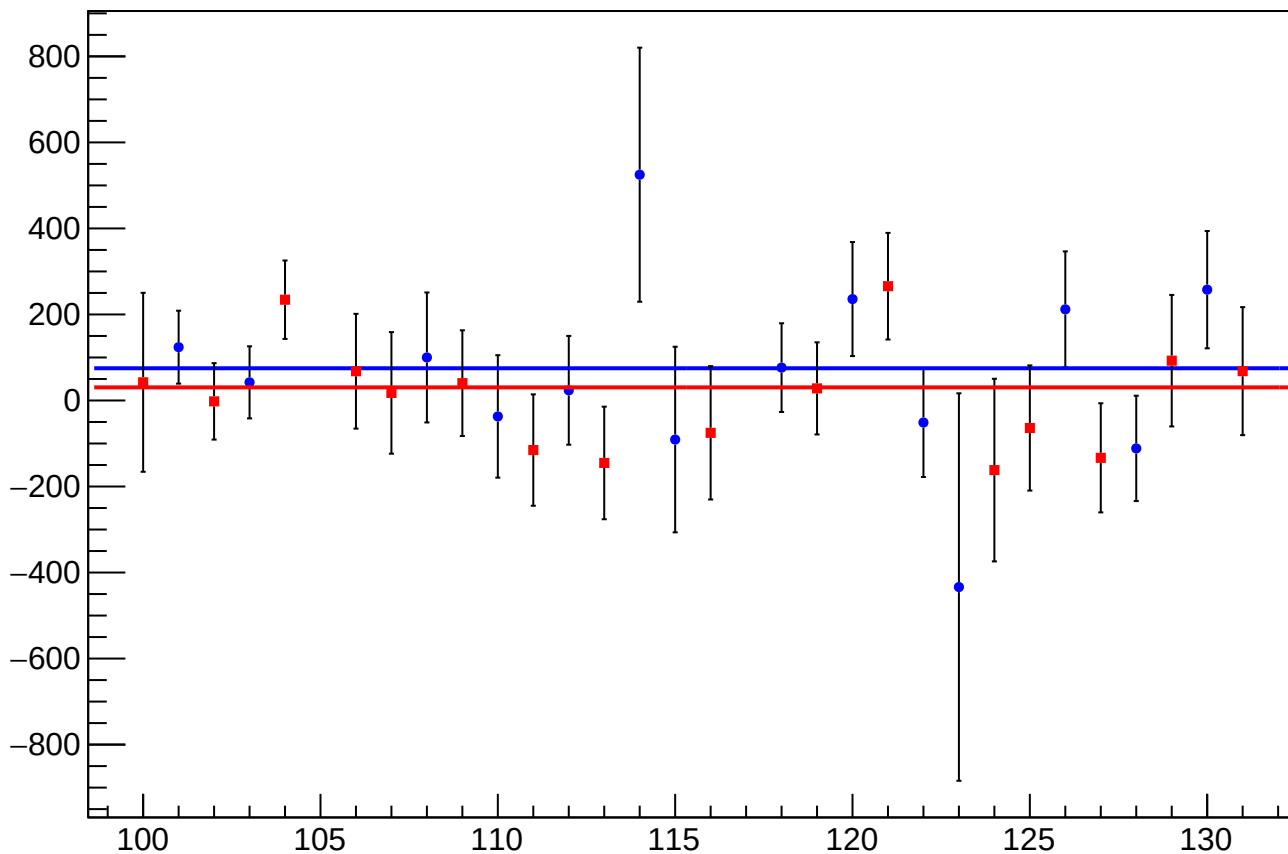
Right: 2130.914+/-0.478 χ^2/NDF : 2715792.4/29

In: 2193.809+/-0.716 χ^2/NDF : 1177749.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2130.914+/-0.478 χ^2/NDF : 2715792.4/29

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 74.918+/-34.022 χ^2/NDF : 13.1/13

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

Right Out: 30.488+/-32.043 χ^2/NDF : 15.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

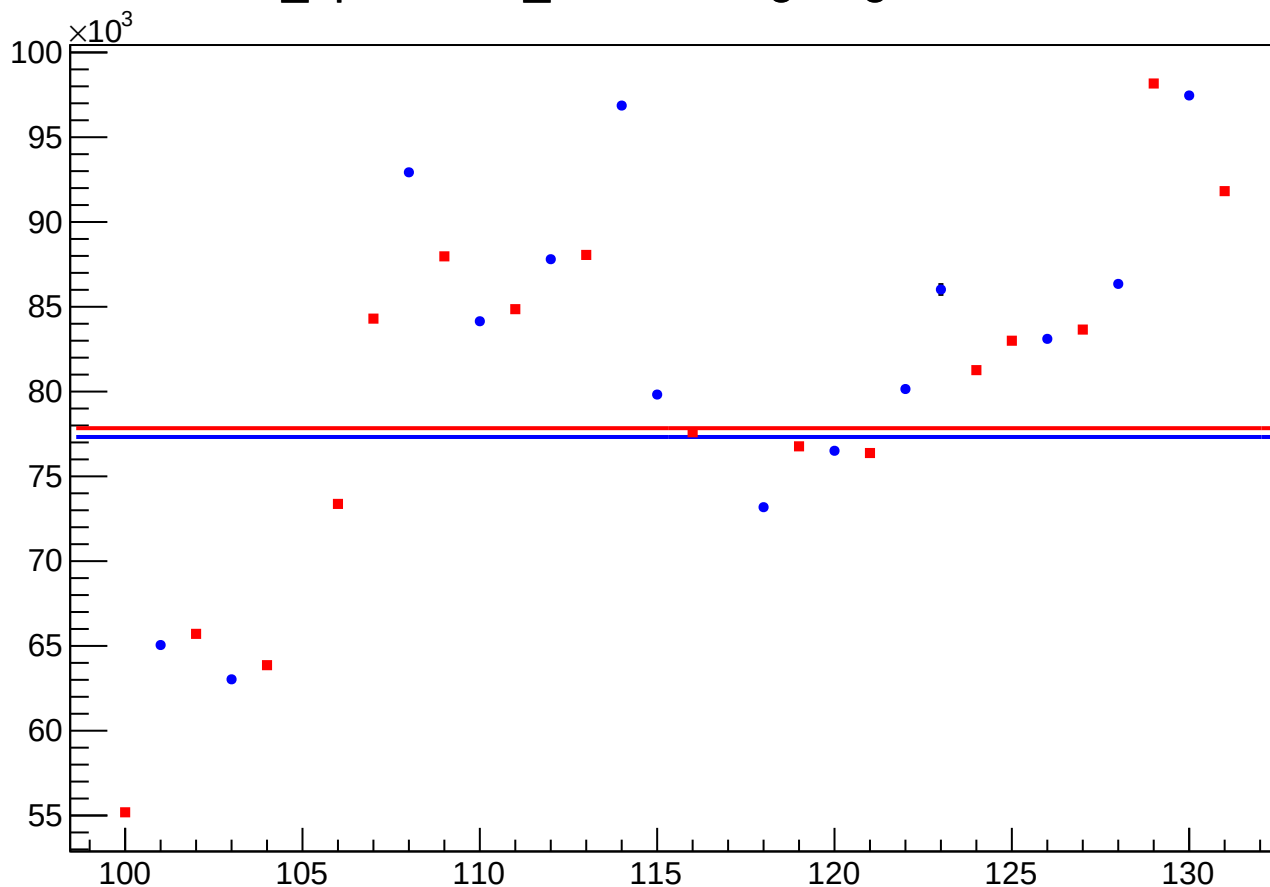
Right: 51.373+/-23.326 χ^2/NDF : 29.5/29

In: 74.918+/-34.022 χ^2/NDF : 13.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.373+/-23.326 χ^2/NDF : 29.5/29

diff_bpm0r05X_rms vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 77321.486+/-24.057 χ^2 /NDF: 212004.1/13

Right: 77597.009+/-16.494 χ^2 /NDF: 419054.8/29

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

In: 77321.486+/-24.057 χ^2 /NDF: 212004.1/13

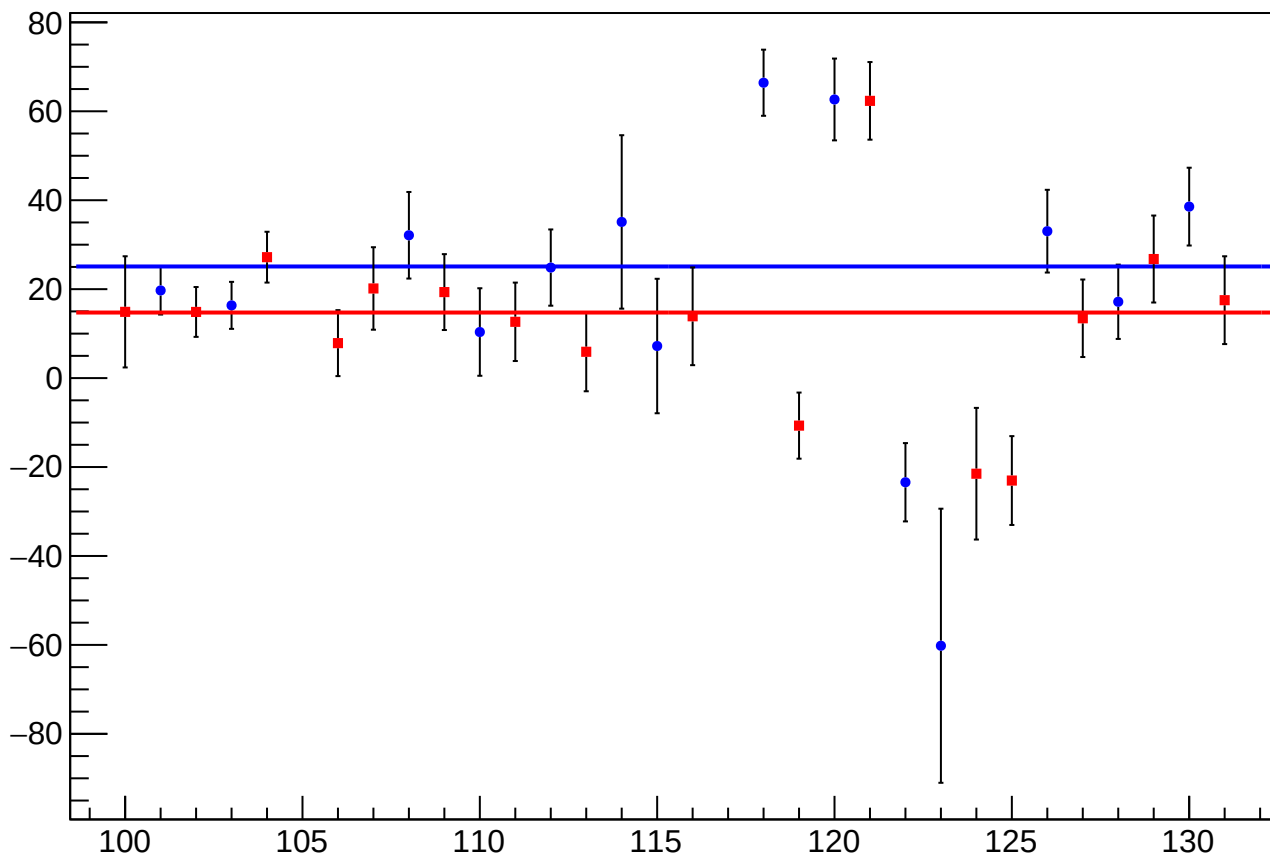
Right Out: 77841.413+/-22.658 χ^2 /NDF: 206803.2/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 77597.009+/-16.494 χ^2 /NDF: 419054.8/29

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 25.101+/-2.270 χ^2 /NDF: 97.7/13

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

Right Out: 14.743+/-2.104 χ^2 /NDF: 70.6/15

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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

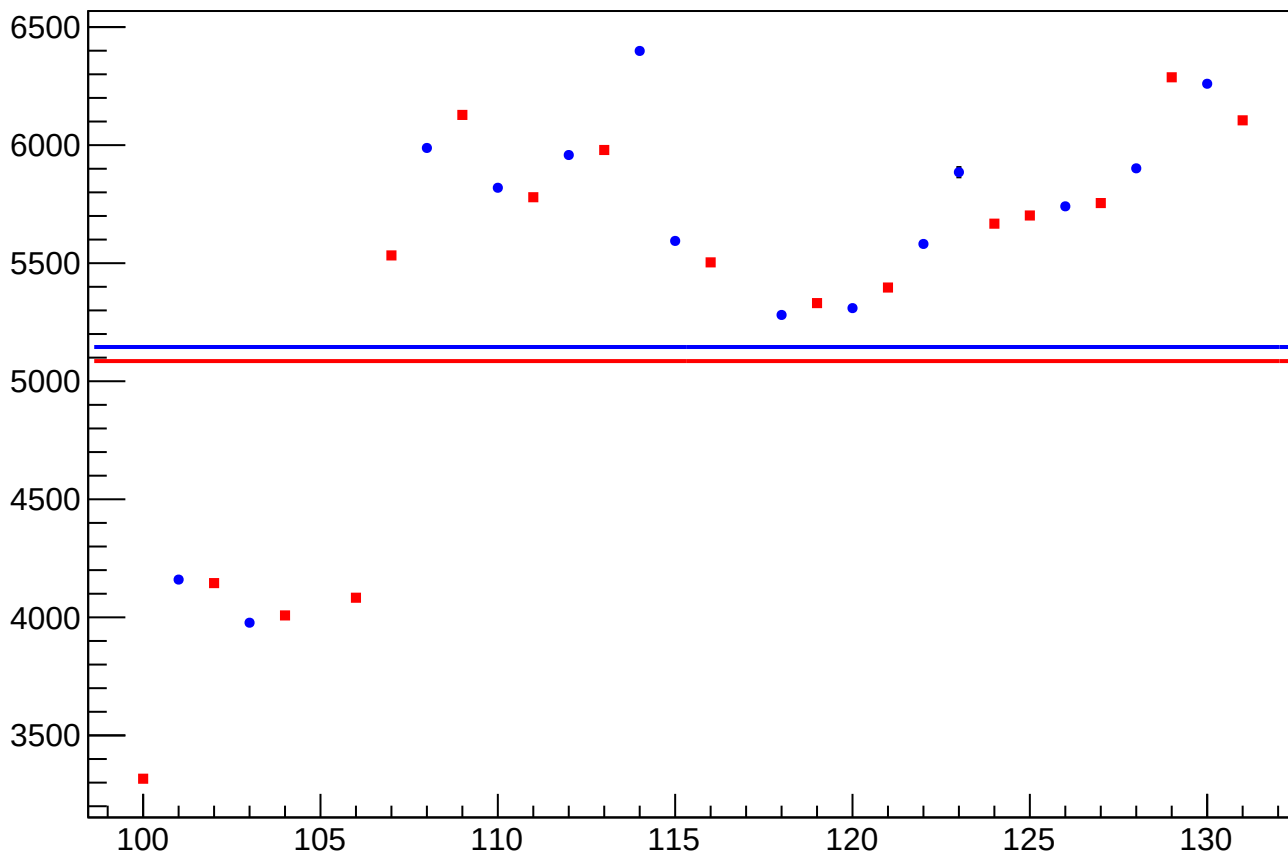
Right: 19.530+/-1.543 χ^2 /NDF: 179.6/29

In: 25.101+/-2.270 χ^2 /NDF: 97.7/13

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 19.530+/-1.543 χ^2 /NDF: 179.6/29

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 5145.001+/-1.605 χ^2/NDF : 280490.9/13

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

Right Out: 5085.393+/-1.488 χ^2/NDF : 352747.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

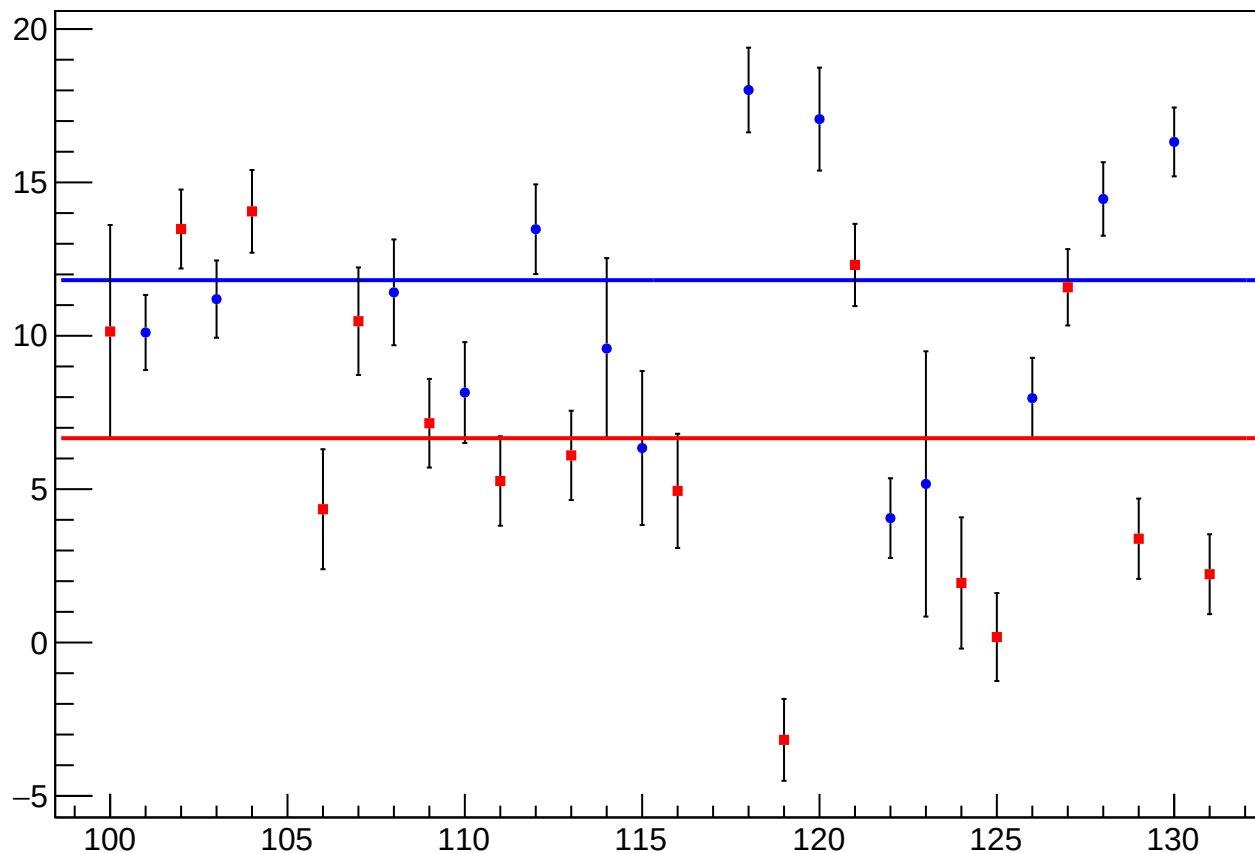
Right: 5112.941+/-1.091 χ^2/NDF : 633980.2/29

In: 5145.001+/-1.605 χ^2/NDF : 280490.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5112.941+/-1.091 χ^2/NDF : 633980.2/29

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 11.813+/-0.397 χ^2/NDF : 111.3/13

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

Right Out: 6.662+/-0.373 χ^2/NDF : 198.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

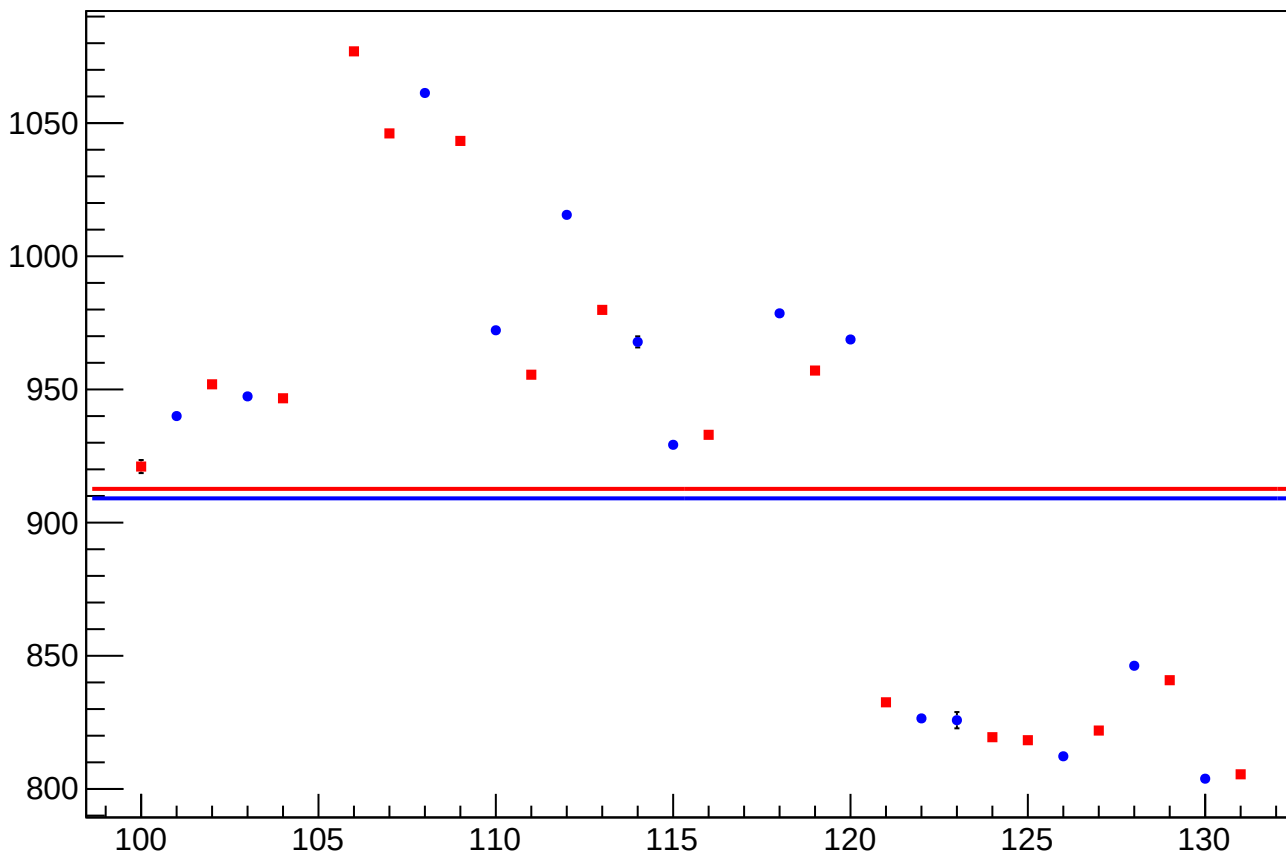
Right: 9.078+/-0.272 χ^2/NDF : 398.8/29

In: 11.813+/-0.397 χ^2/NDF :111.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 9.078+/-0.272 χ^2/NDF : 398.8/29

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 909.109+/-0.281 χ^2/NDF : 83522.8/13

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

Right Out: 912.670+/-0.264 χ^2/NDF : 103472.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

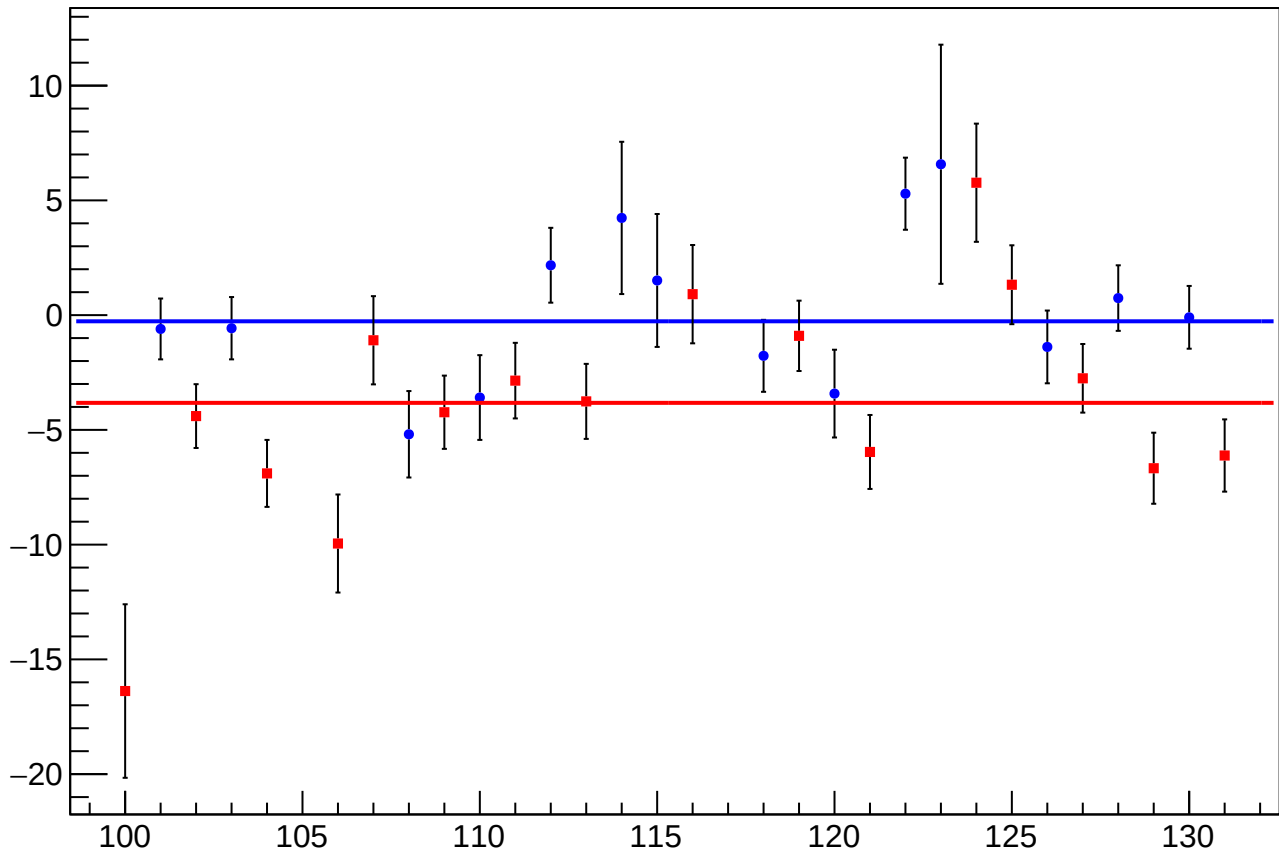
Right: 911.000+/-0.192 χ^2/NDF : 187080.2/29

In: 909.109+/-0.281 χ^2/NDF : 83522.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 911.000+/-0.192 χ^2/NDF : 187080.2/29

diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -0.269+/-0.456 χ^2/NDF : 33.5/13

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

Right Out: -3.822+/-0.428 χ^2/NDF : 65.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

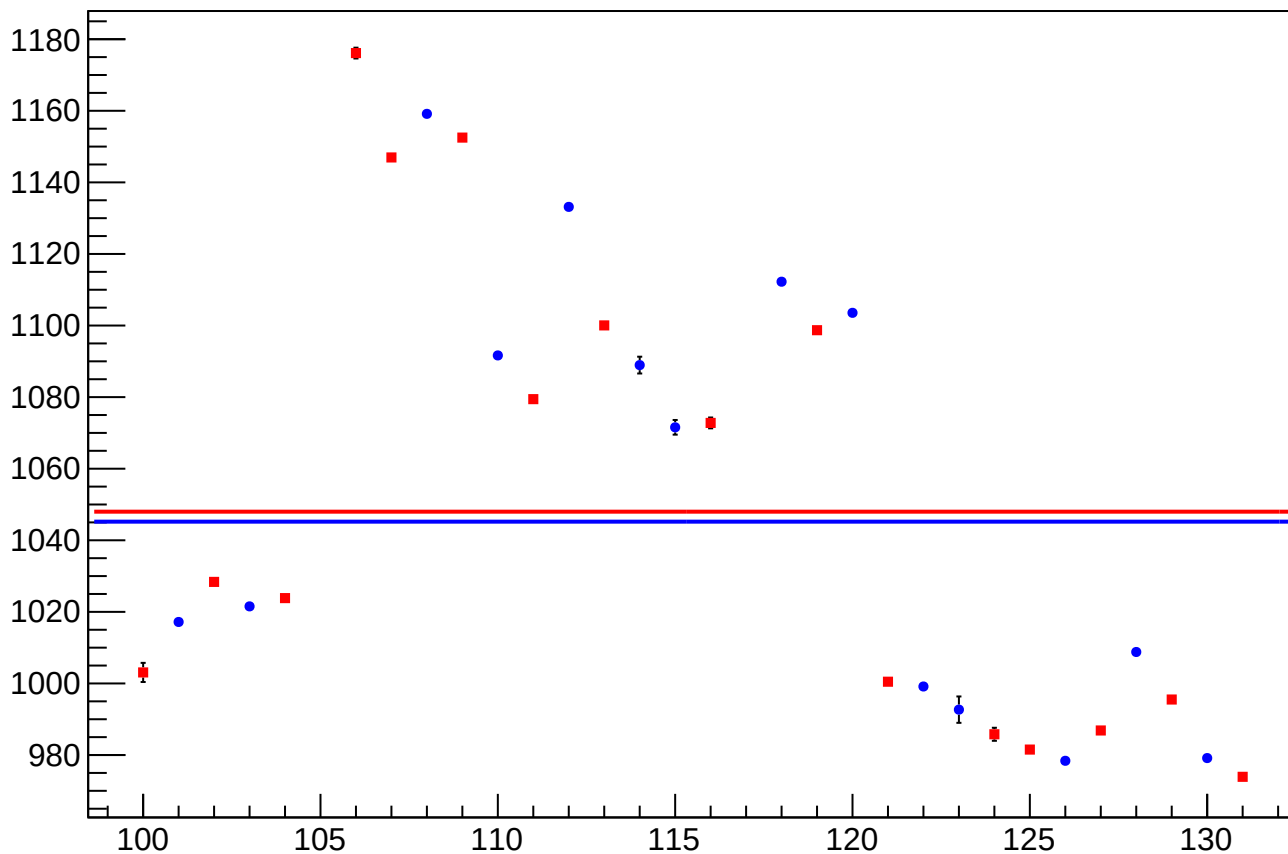
Right: -2.158+/-0.312 χ^2/NDF : 131.3/29

In: -0.269+/-0.456 χ^2/NDF : 33.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.158+/-0.312 χ^2/NDF : 131.3/29

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 1045.206+/-0.322 χ^2/NDF : 33379.2/13

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

Right Out: 1047.995+/-0.302 χ^2/NDF : 43487.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

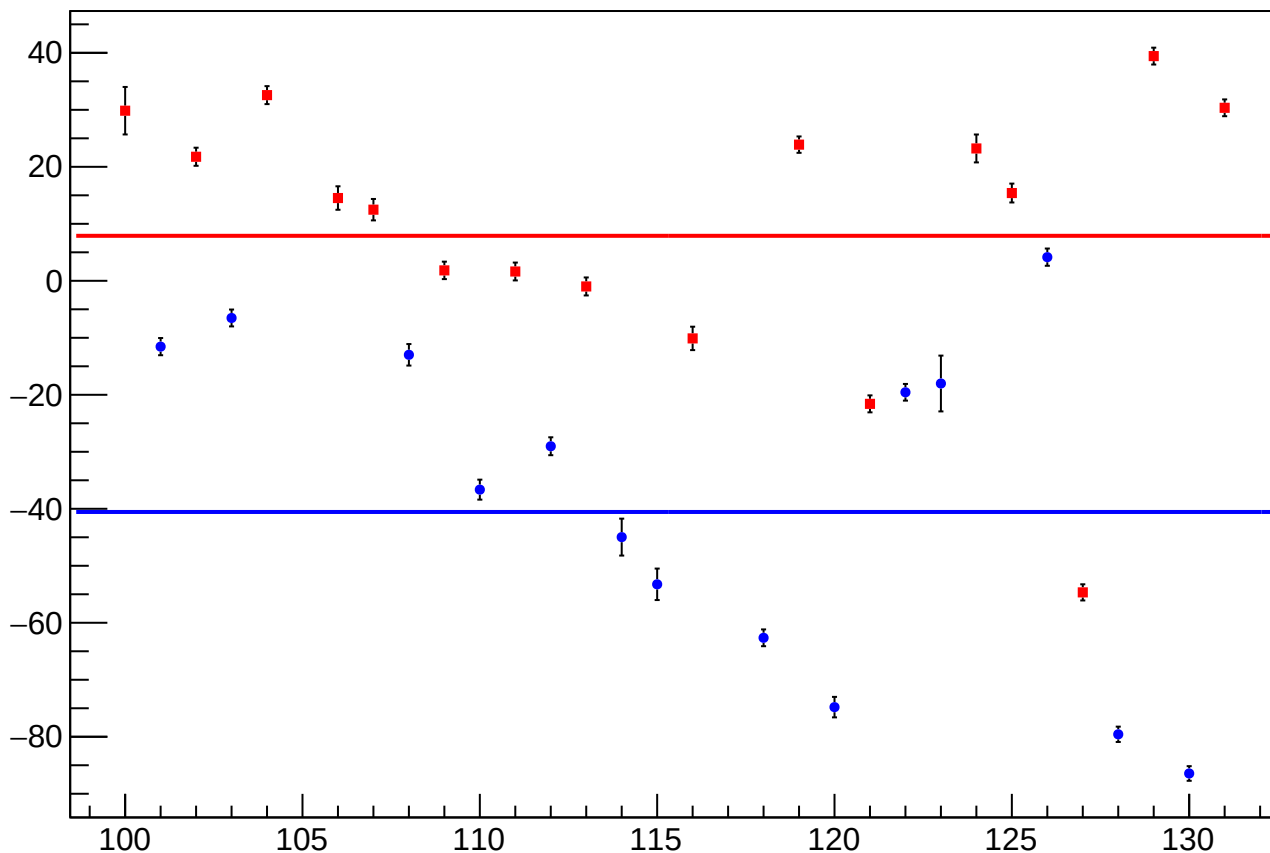
Right: 1046.689+/-0.220 χ^2/NDF : 76906.9/29

In: 1045.206+/-0.322 χ^2/NDF : 33379.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1046.689+/-0.220 χ^2/NDF : 76906.9/29

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -40.559 ± 0.447 $\chi^2/\text{NDF}: 4997.1/13$

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

Right Out: 7.896 ± 0.418 $\chi^2/\text{NDF}: 3714.0/15$

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

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

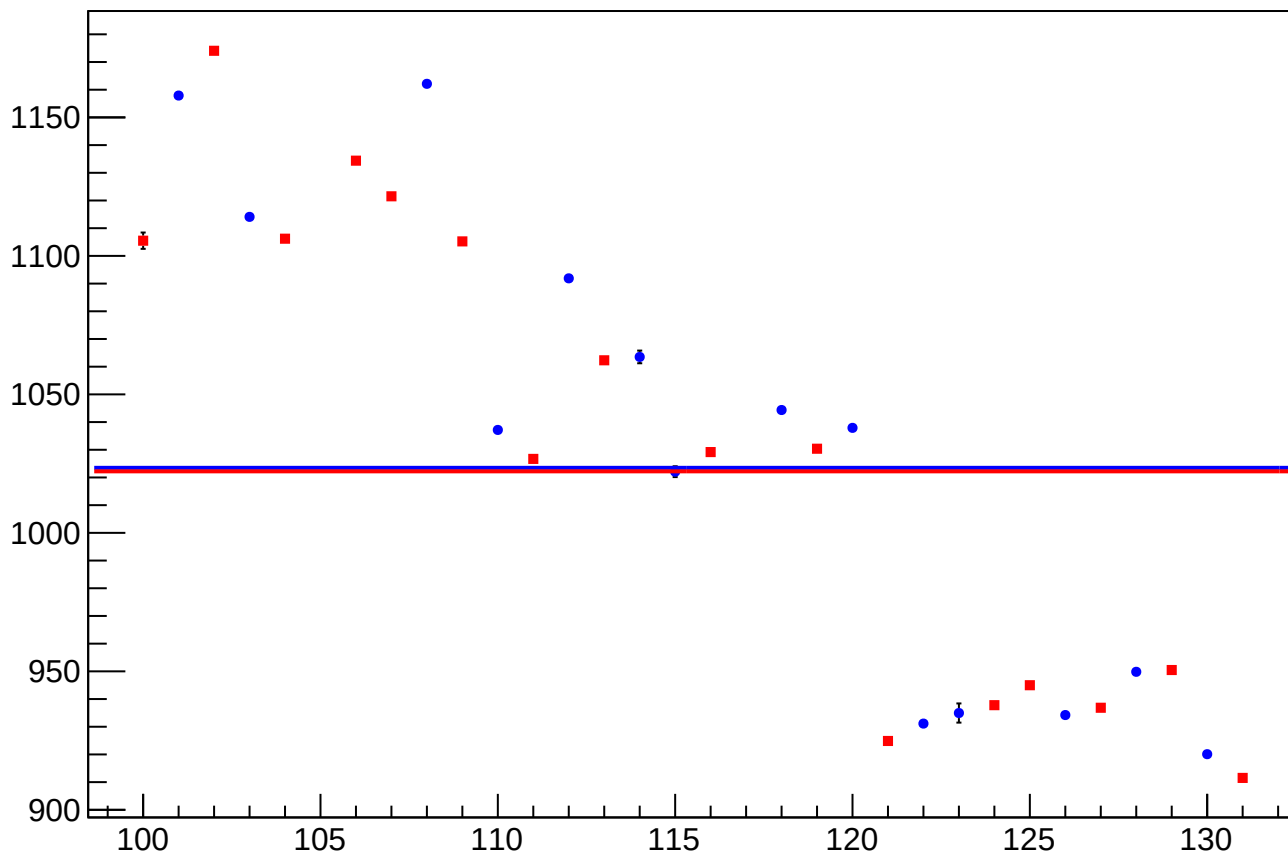
Right: -14.698 ± 0.305 $\chi^2/\text{NDF}: 14984.9/29$

In: -40.559 ± 0.447 $\chi^2/\text{NDF}: 4997.1/13$

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

All: -14.698 ± 0.305 $\chi^2/\text{NDF}: 14984.9/29$

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 1023.479+/-0.316 χ^2/NDF : 73415.0/13

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

Right Out: 1022.210+/-0.295 χ^2/NDF : 82087.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

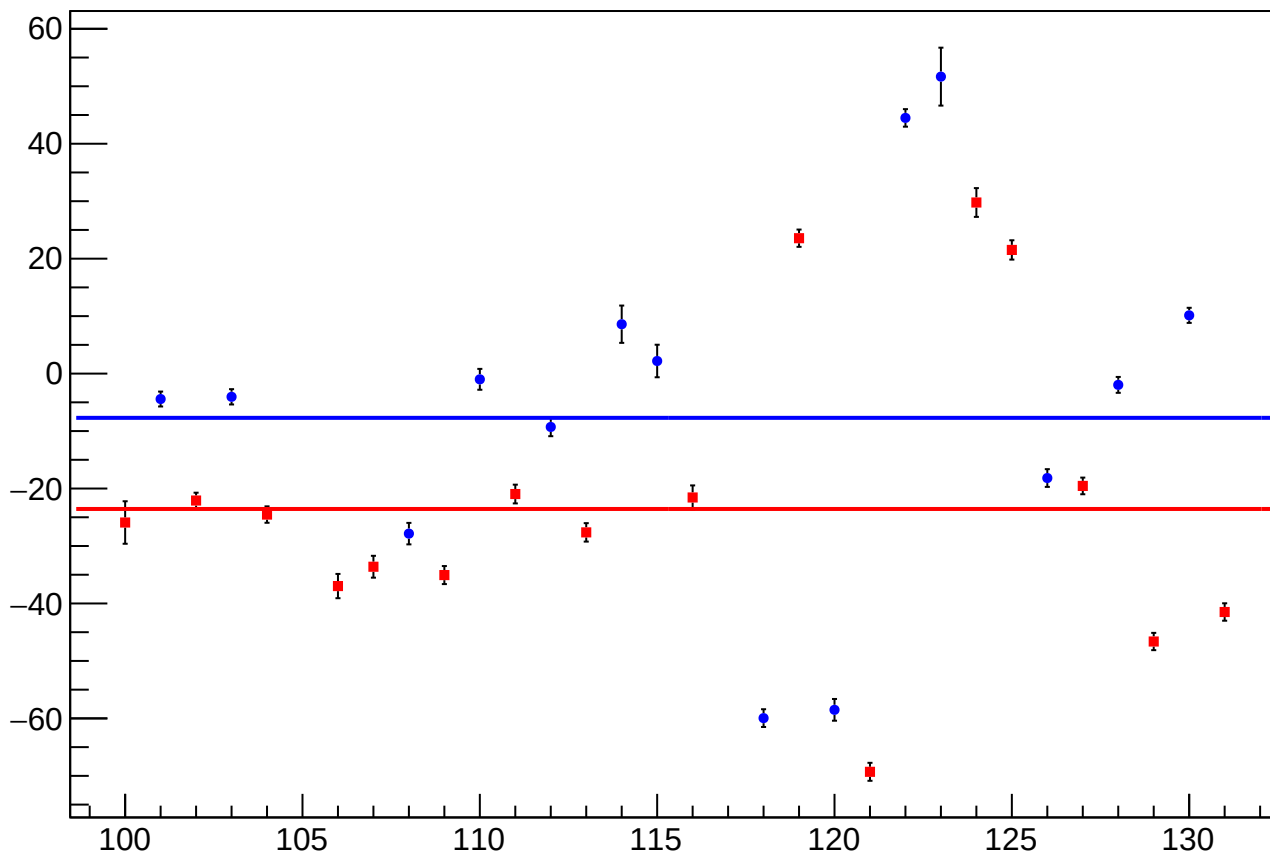
Right: 1022.802+/-0.216 χ^2/NDF : 155510.8/29

In: 1023.479+/-0.316 χ^2/NDF : 73415.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1022.802+/-0.216 χ^2/NDF : 155510.8/29

diff_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -7.698+/-0.445 χ^2/NDF : 3603.9/13

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

Right Out: -23.556+/-0.418 χ^2/NDF : 3526.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

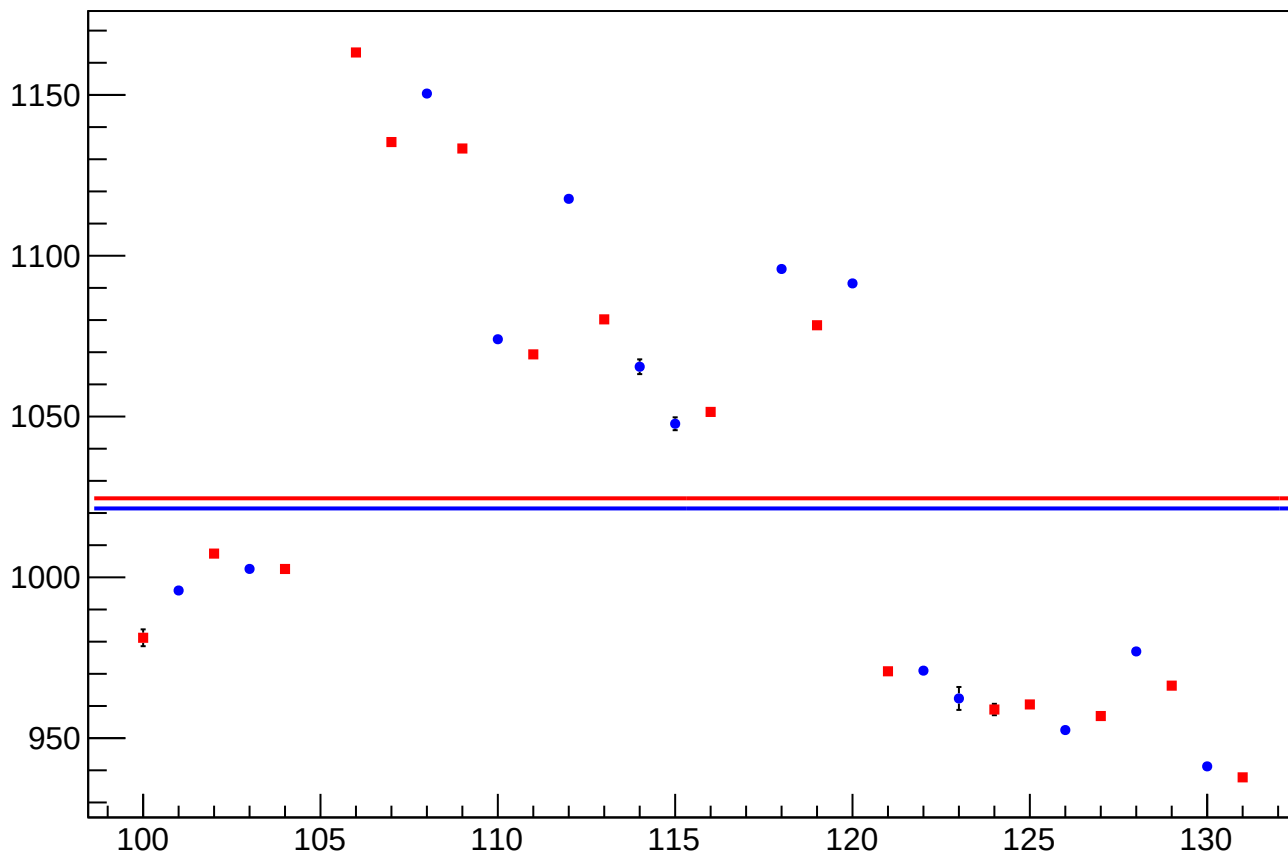
Right: -16.126+/-0.305 χ^2/NDF : 7804.6/29

In: -7.698+/-0.445 χ^2/NDF :3603.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -16.126+/-0.305 χ^2/NDF : 7804.6/29

diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 1021.424+/-0.315 χ^2/NDF : 43433.5/13

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

Right Out: 1024.571+/-0.296 χ^2/NDF : 53443.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

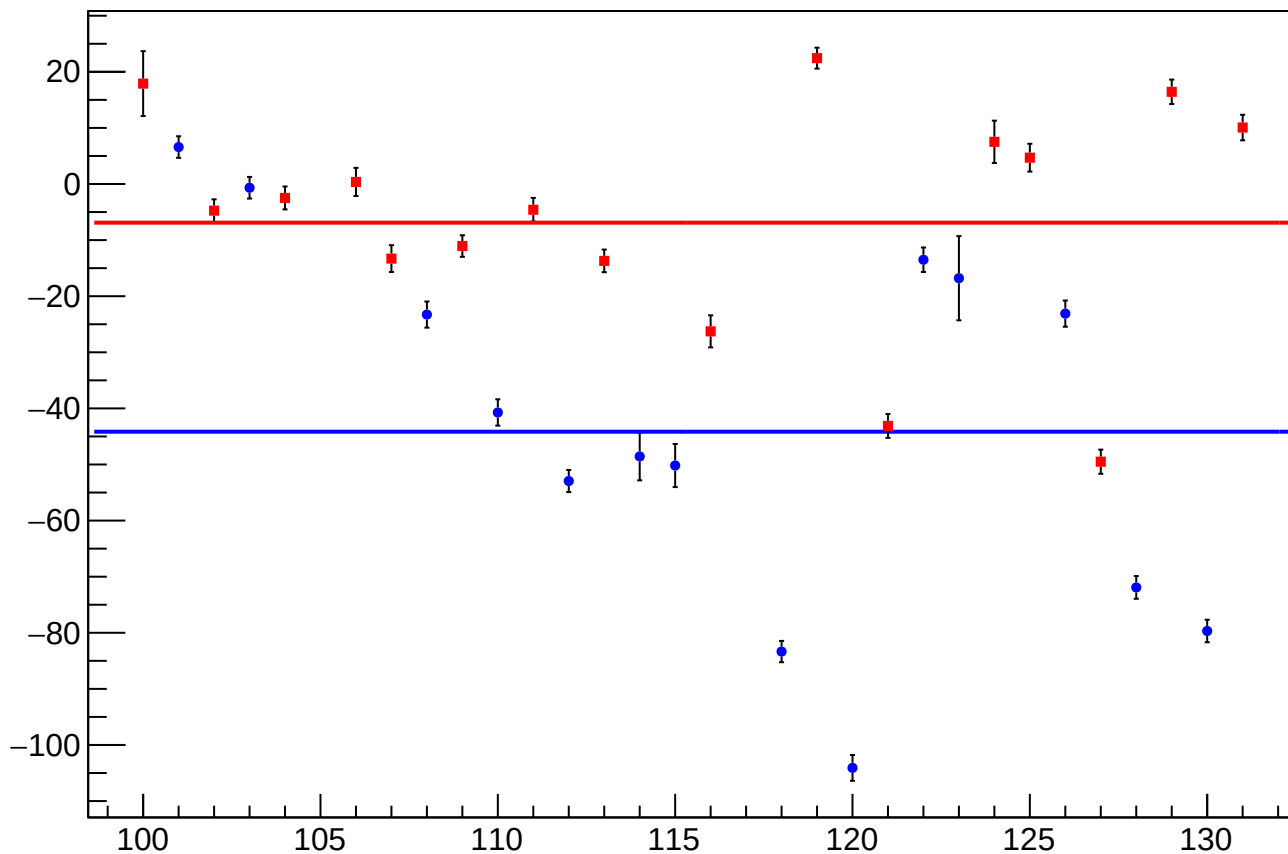
Right: 1023.097+/-0.216 χ^2/NDF : 96929.7/29

In: 1021.424+/-0.315 χ^2/NDF : 43433.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1023.097+/-0.216 χ^2/NDF : 96929.7/29

diff_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -44.153 ± 0.614 $\chi^2/\text{NDF}: 3206.3/13$

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

Right Out: -6.887 ± 0.571 $\chi^2/\text{NDF}: 1236.0/15$

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

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

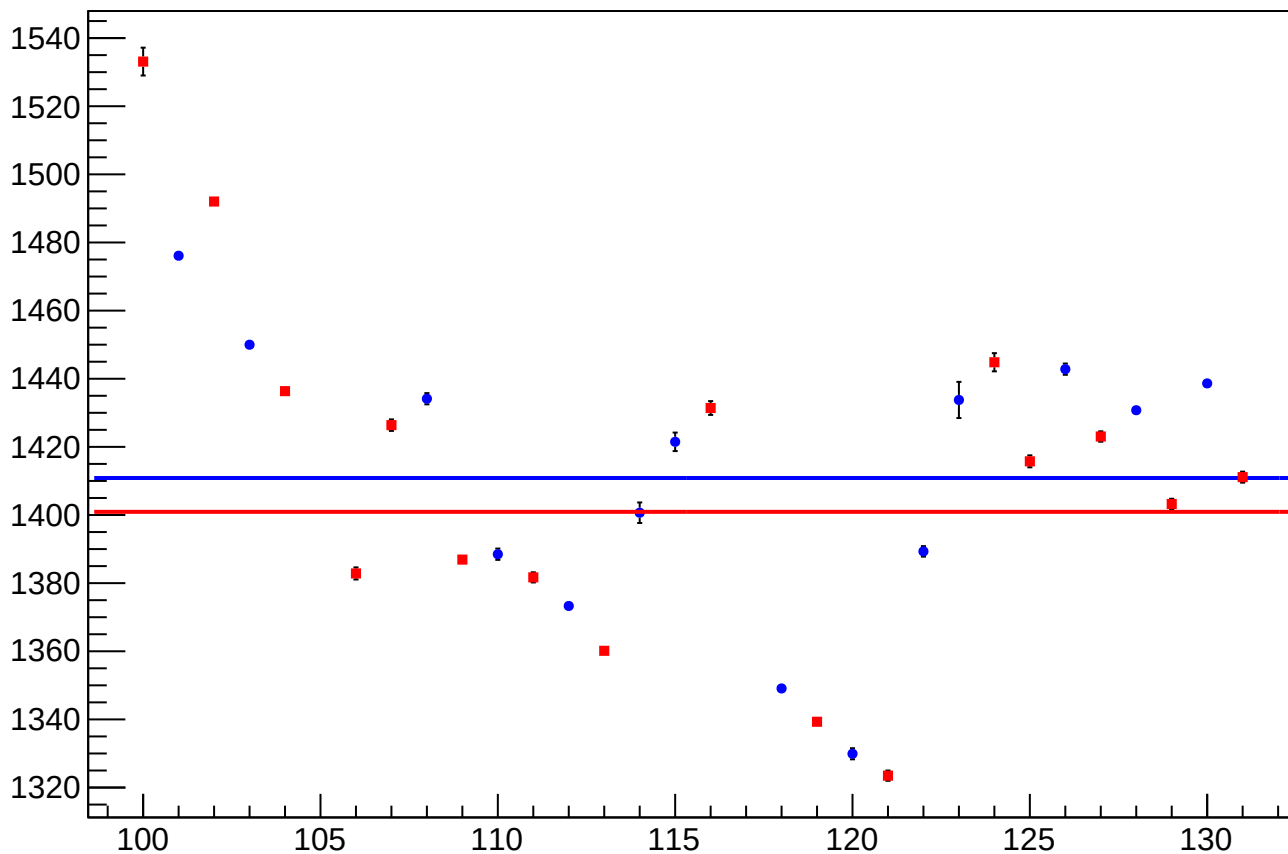
Right: -24.163 ± 0.418 $\chi^2/\text{NDF}: 6418.6/29$

In: -44.153 ± 0.614 $\chi^2/\text{NDF}: 3206.3/13$

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

All: -24.163 ± 0.418 $\chi^2/\text{NDF}: 6418.6/29$

diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1410.867+/-0.434 χ^2/NDF : 10007.5/13

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

Right Out: 1400.932+/-0.404 χ^2/NDF : 12786.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

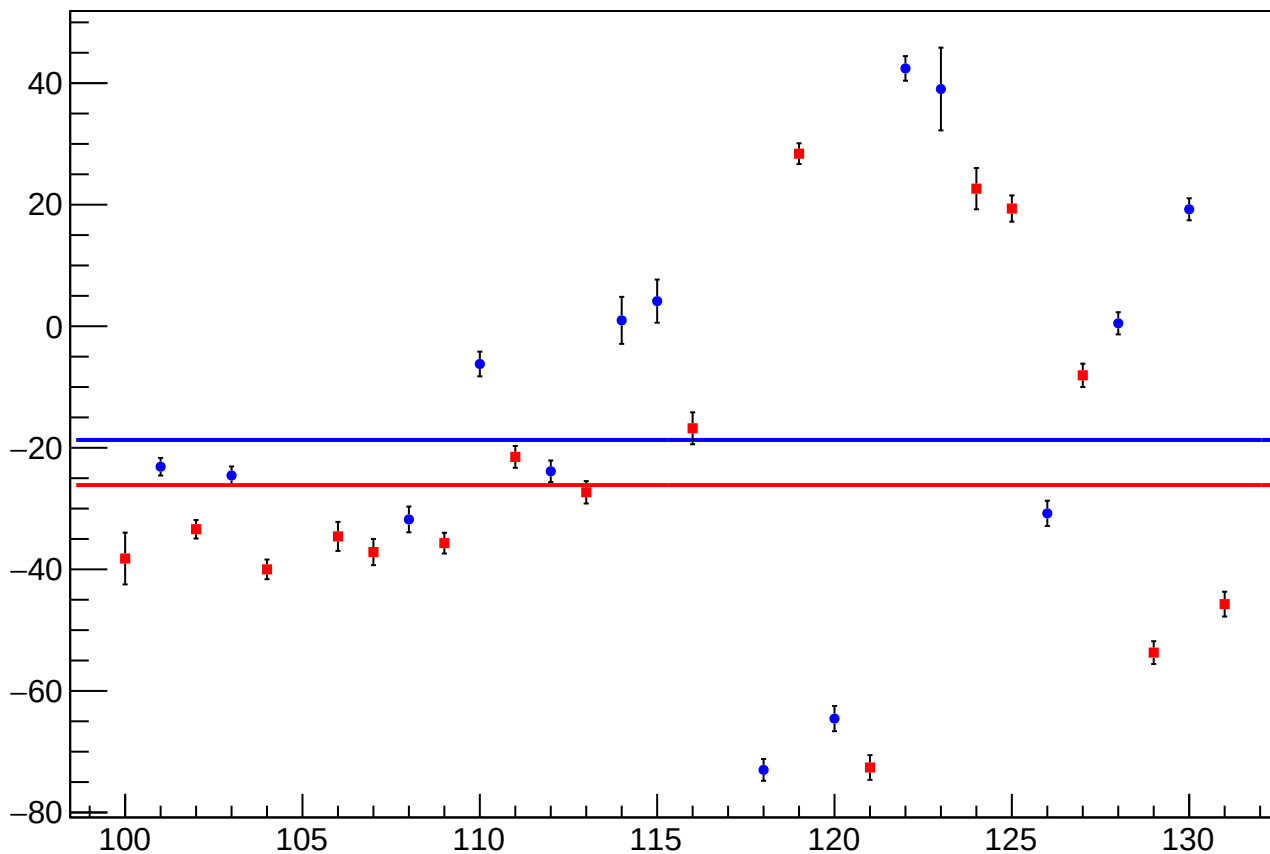
Right: 1405.538+/-0.296 χ^2/NDF : 23074.5/29

In: 1410.867+/-0.434 χ^2/NDF : 10007.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1405.538+/-0.296 χ^2/NDF : 23074.5/29

diff_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -18.709 $\pm$ 0.535 χ^2 /NDF: 3148.2/13

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

Right Out: -26.135 $\pm$ 0.498 χ^2 /NDF: 2775.1/15

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

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

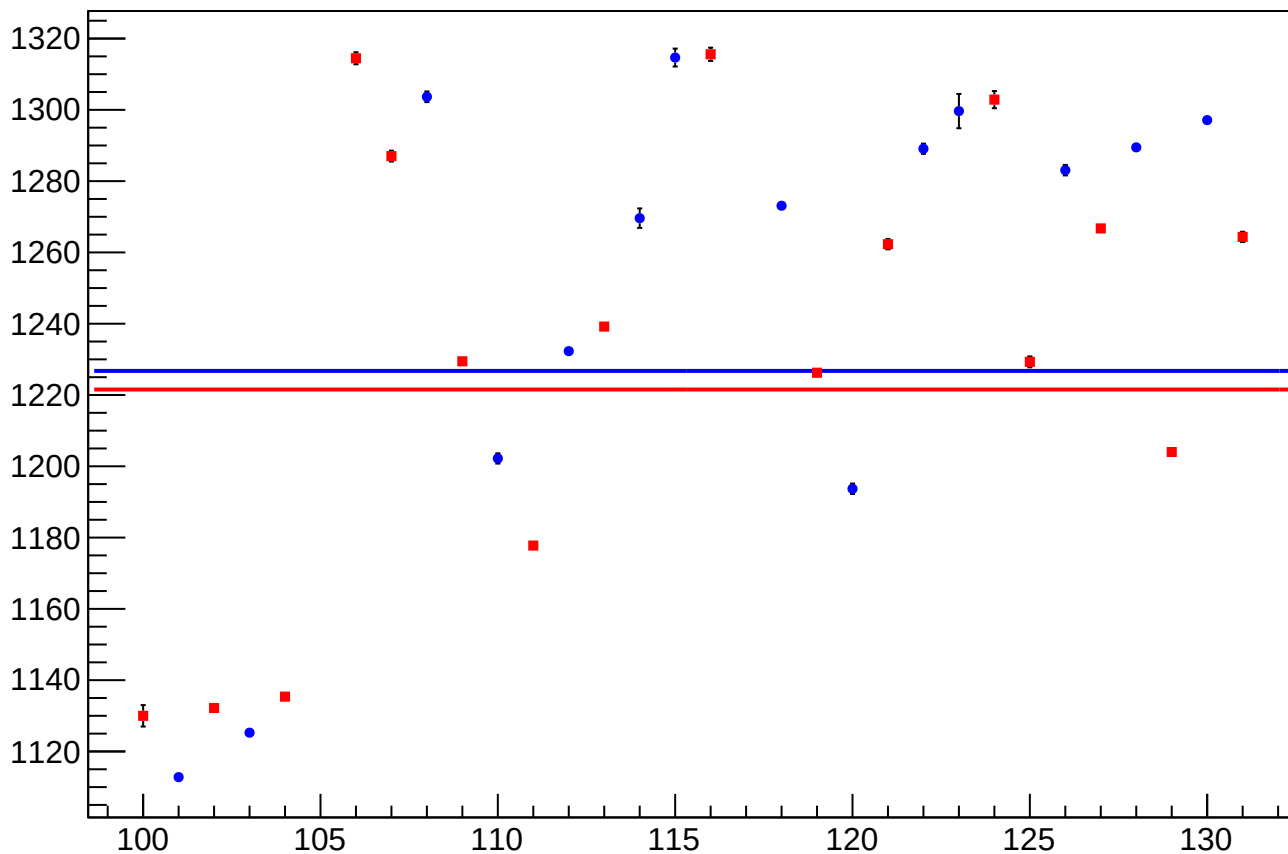
Right: -22.683 $\pm$ 0.365 χ^2 /NDF: 6026.5/29

In: -18.709 $\pm$ 0.535 χ^2 /NDF:3148.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -22.683 $\pm$ 0.365 χ^2 /NDF: 6026.5/29

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1226.762 $\pm$ 0.378 χ^2 /NDF: 36803.0/13

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

Right Out: 1221.542 $\pm$ 0.352 χ^2 /NDF: 26416.4/15

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

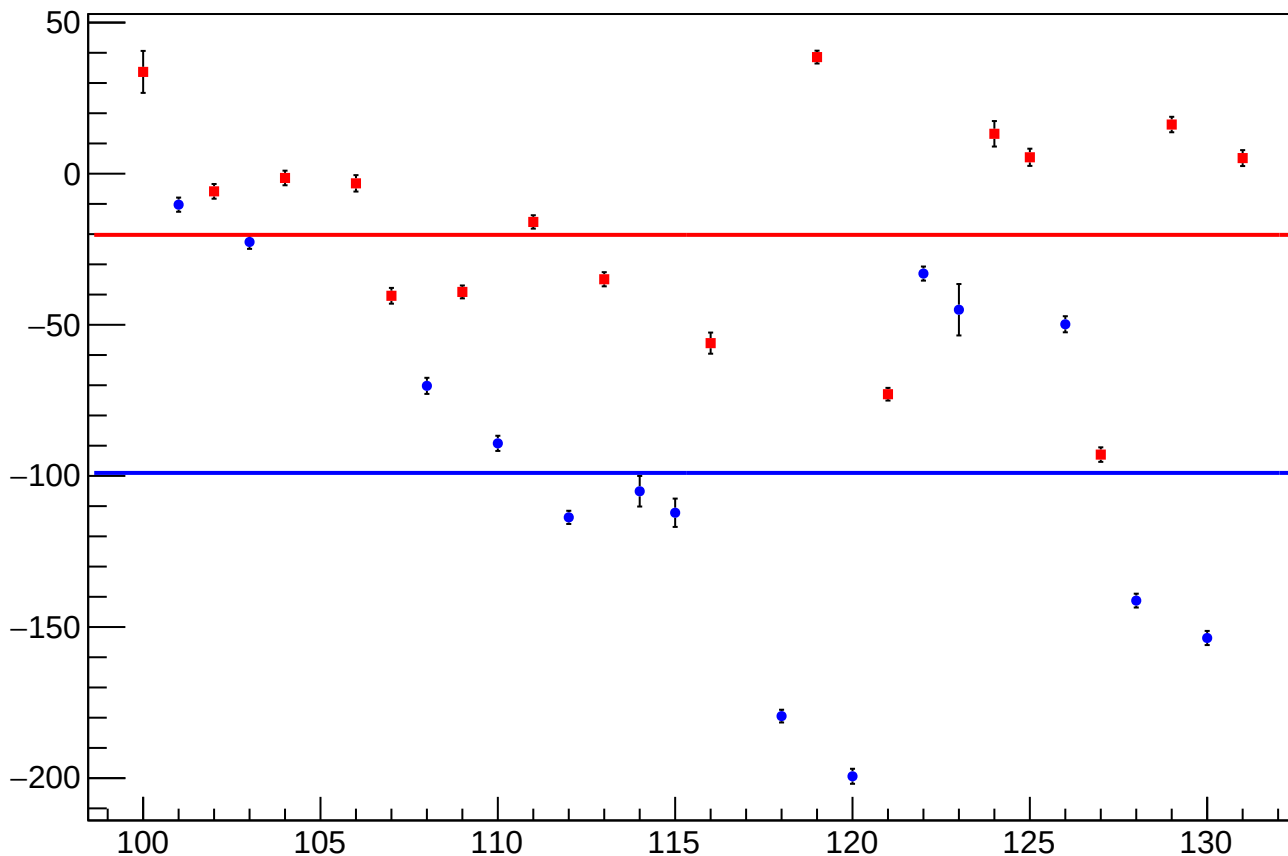
Right: 1223.969 $\pm$ 0.258 χ^2 /NDF: 63321.4/29

In: 1226.762 $\pm$ 0.378 χ^2 /NDF: 36803.0/13

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

All: 1223.969 $\pm$ 0.258 χ^2 /NDF: 63321.4/29

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -99.004+/-0.696 χ^2/NDF : 7892.7/13

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

Right Out: -20.243+/-0.642 χ^2/NDF : 3234.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

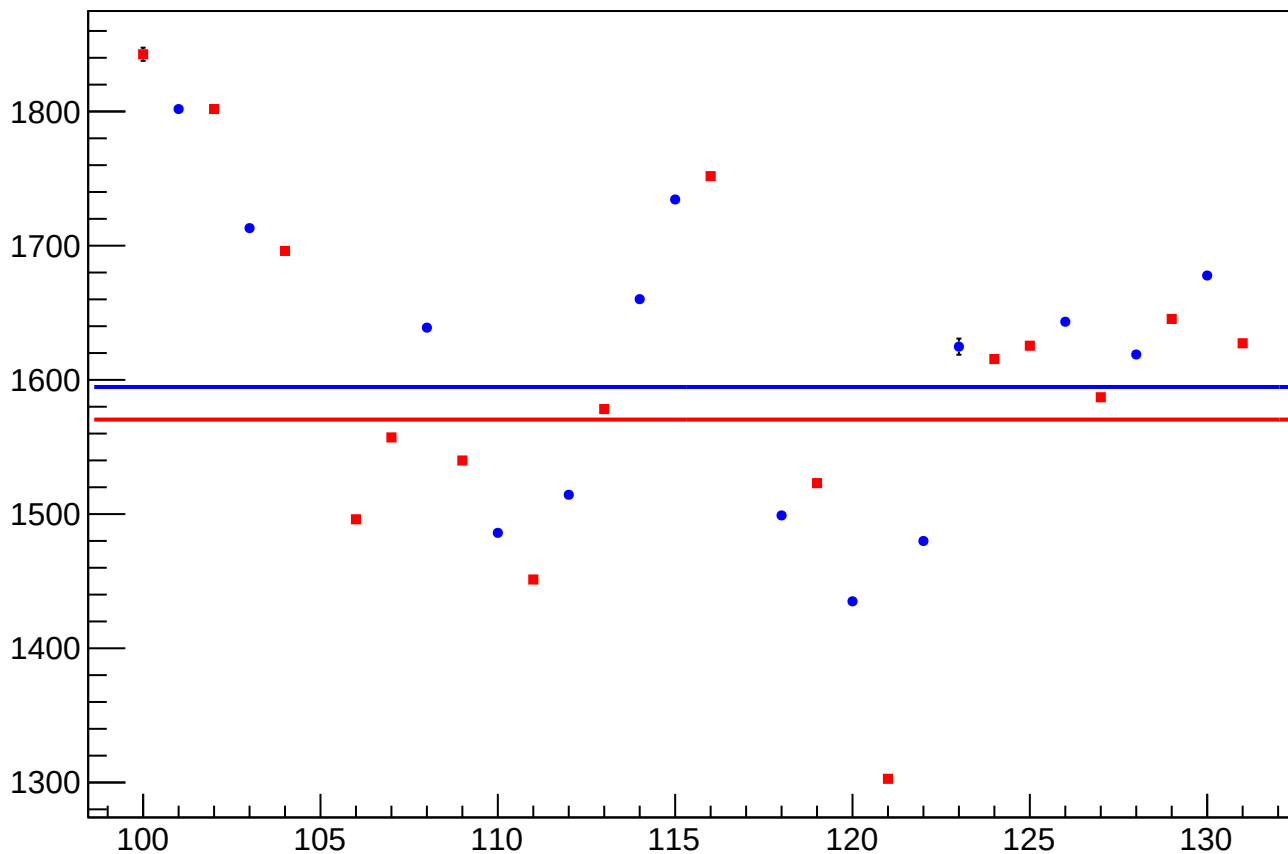
Right: -56.454+/-0.472 χ^2/NDF : 18053.7/29

In: -99.004+/-0.696 χ^2/NDF :7892.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -56.454+/-0.472 χ^2/NDF : 18053.7/29

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1594.702 $\pm$ 0.492 χ^2 /NDF: 50733.0/13

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

Right Out: 1570.430 $\pm$ 0.454 χ^2 /NDF: 76901.3/15

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

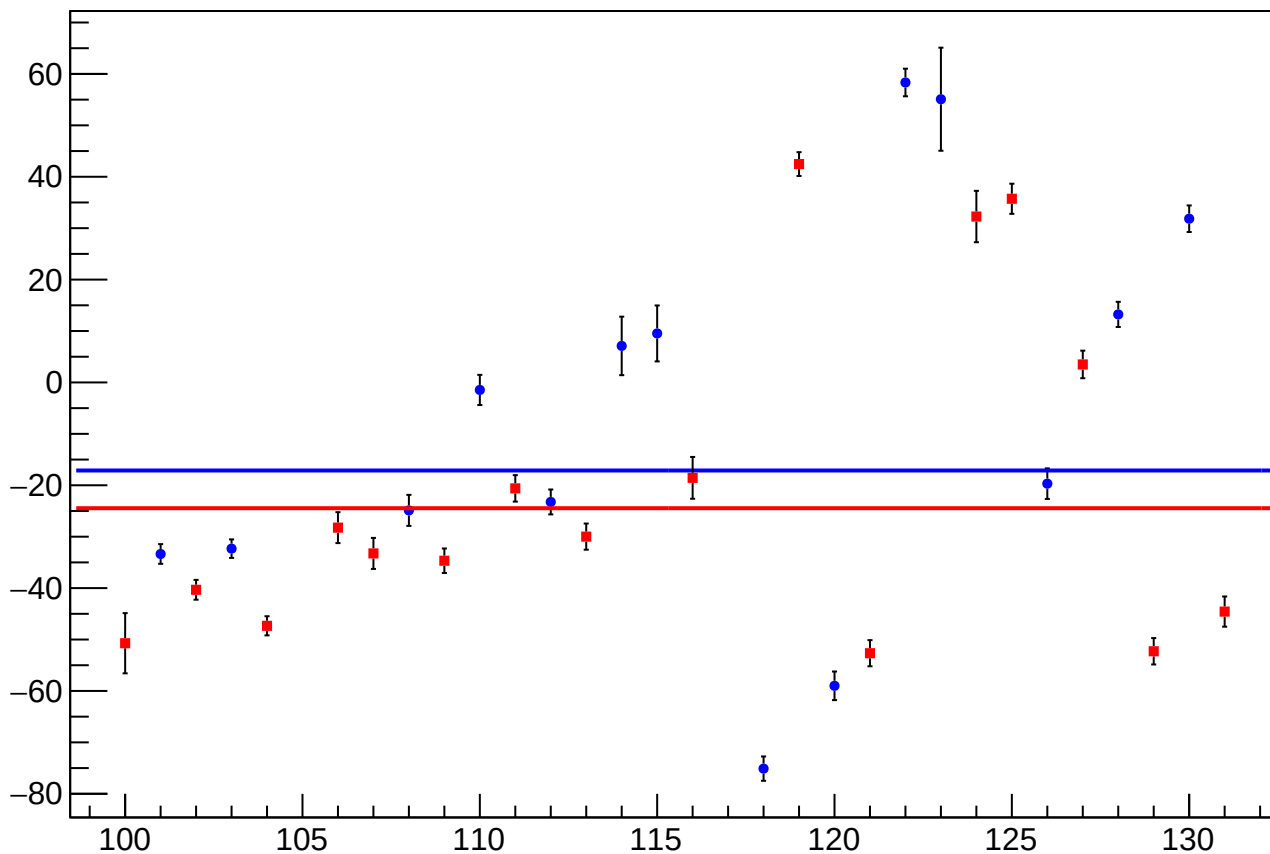
Right: 1581.590 $\pm$ 0.334 χ^2 /NDF: 128950.0/29

In: 1594.702 $\pm$ 0.492 χ^2 /NDF:50733.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1581.590 $\pm$ 0.334 χ^2 /NDF: 128950.0/29

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -17.125+/-0.720 χ^2/NDF : 2409.6/13

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

Right Out: -24.461+/-0.666 χ^2/NDF : 2059.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

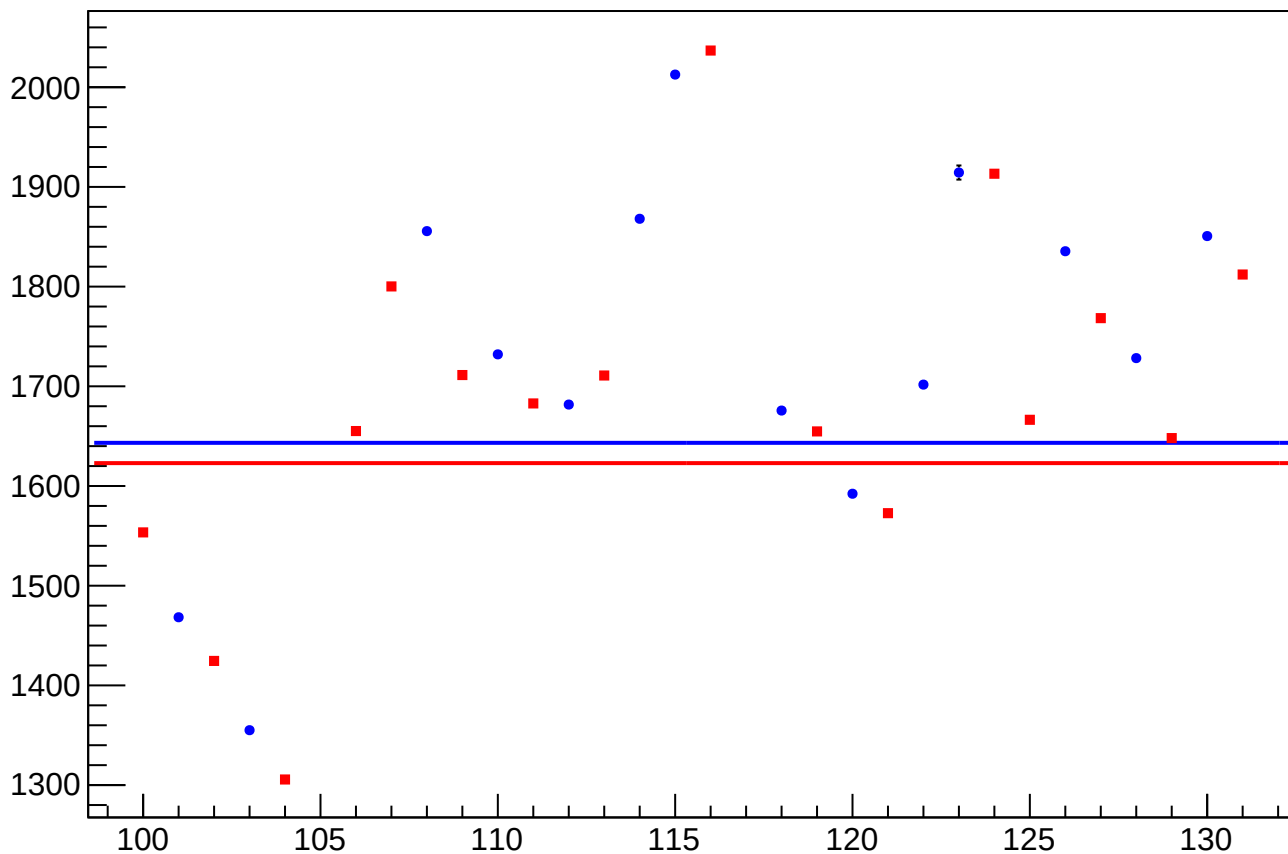
Right: -21.079+/-0.489 χ^2/NDF : 4525.2/29

In: -17.125+/-0.720 χ^2/NDF :2409.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -21.079+/-0.489 χ^2/NDF : 4525.2/29

diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1643.301+/-0.509 χ^2/NDF : 119585.7/13

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

Right Out: 1622.951+/-0.471 χ^2/NDF : 136446.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

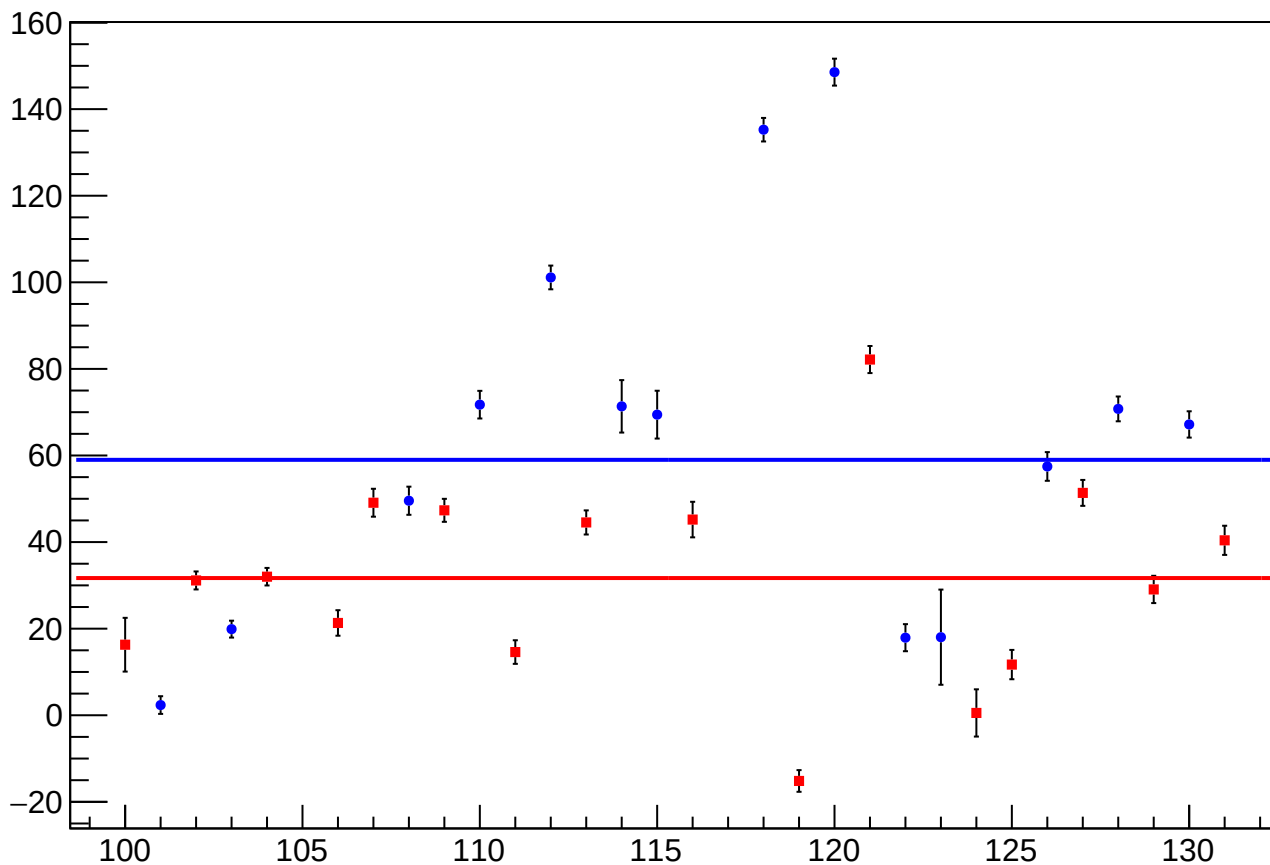
Right: 1632.332+/-0.346 χ^2/NDF : 256893.8/29

In: 1643.301+/-0.509 χ^2/NDF : 119585.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1632.332+/-0.346 χ^2/NDF : 256893.8/29

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 58.996 $\pm$ 0.801 χ^2 /NDF: 3266.6/13

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

Right Out: 31.690 $\pm$ 0.733 χ^2 /NDF: 882.4/15

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

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

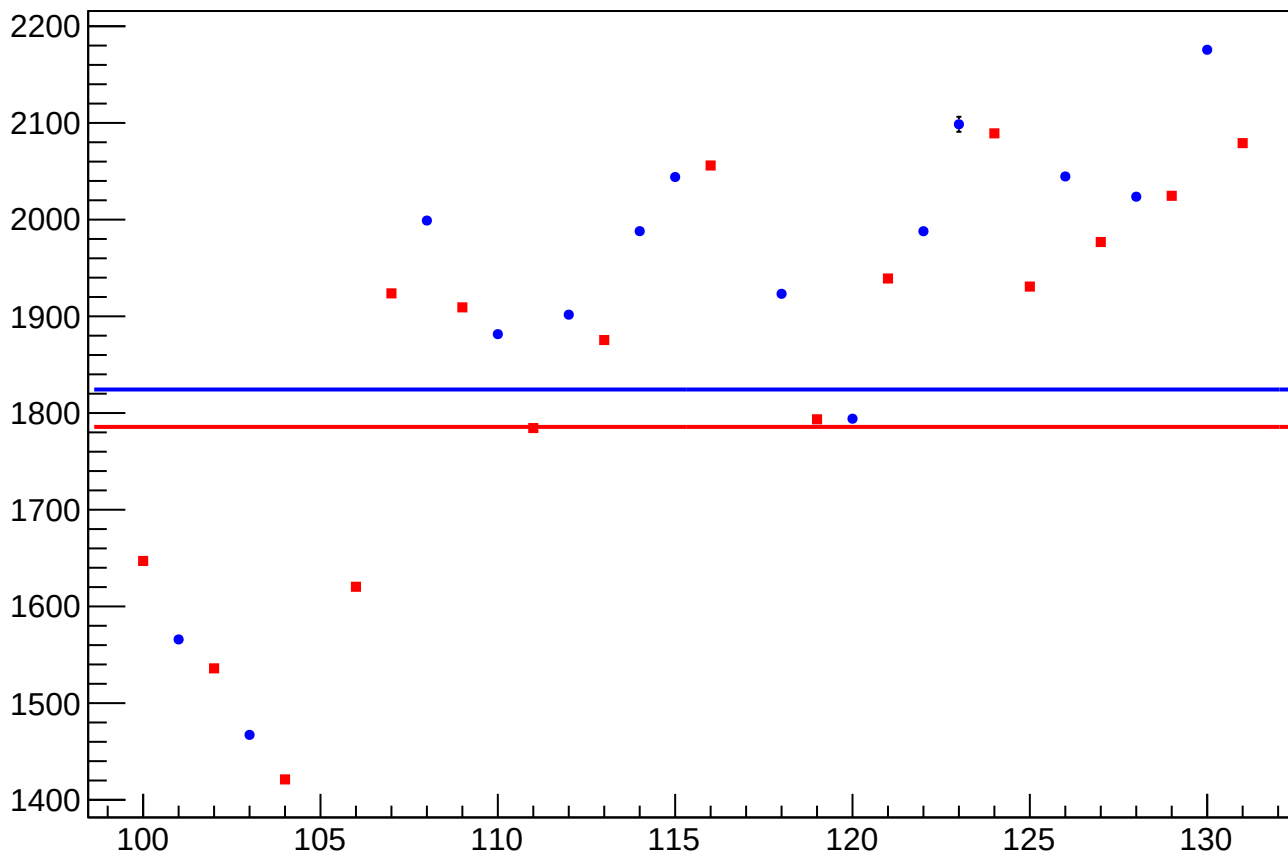
Right: 44.141 $\pm$ 0.541 χ^2 /NDF: 4781.4/29

In: 58.996 $\pm$ 0.801 χ^2 /NDF:3266.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 44.141 $\pm$ 0.541 χ^2 /NDF: 4781.4/29

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1824.325+/-0.566 χ^2/NDF : 166552.3/13

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

Right Out: 1785.658+/-0.518 χ^2/NDF : 169248.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

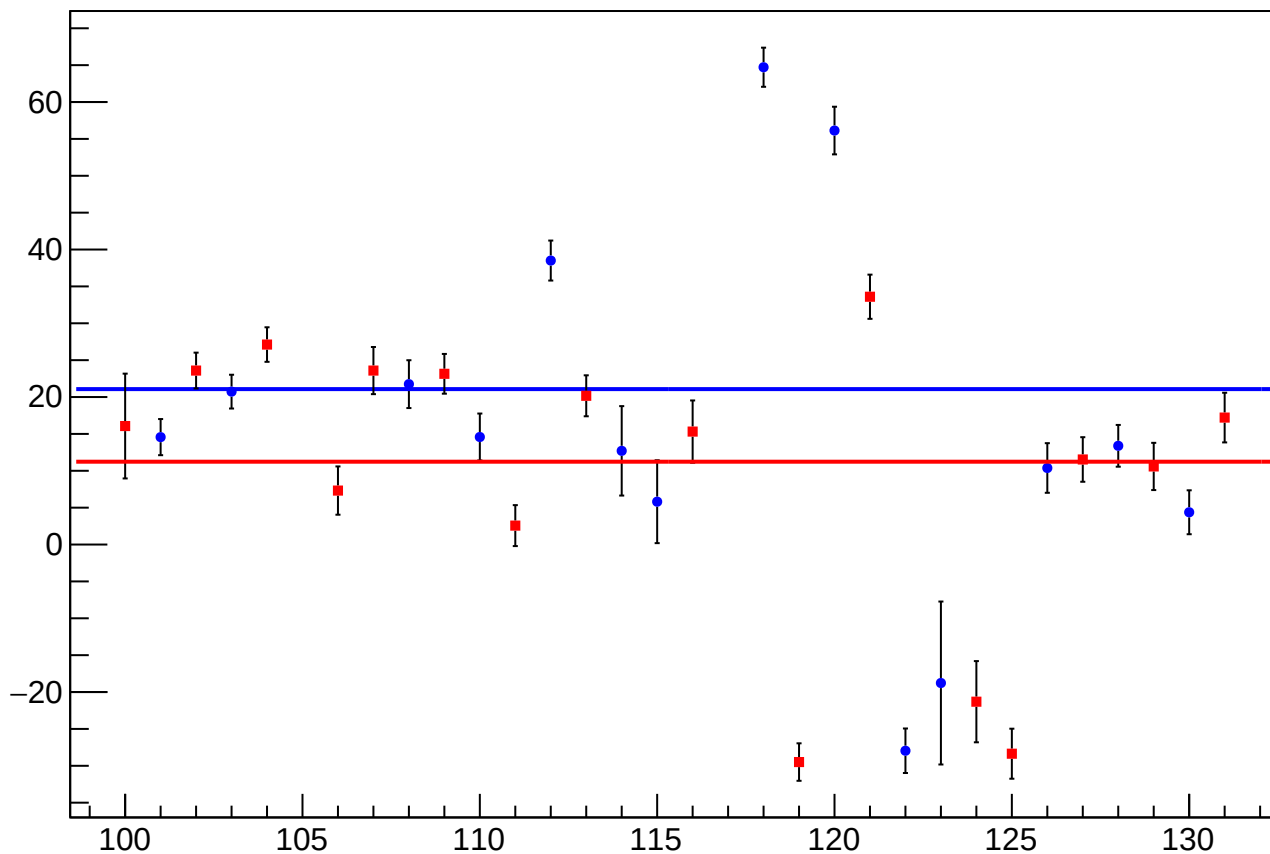
Right: 1803.289+/-0.382 χ^2/NDF : 338336.9/29

In: 1824.325+/-0.566 χ^2/NDF : 166552.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1803.289+/-0.382 χ^2/NDF : 338336.9/29

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 21.075+/-0.837 χ^2/NDF : 776.3/13

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

Right Out: 11.233+/-0.768 χ^2/NDF : 616.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

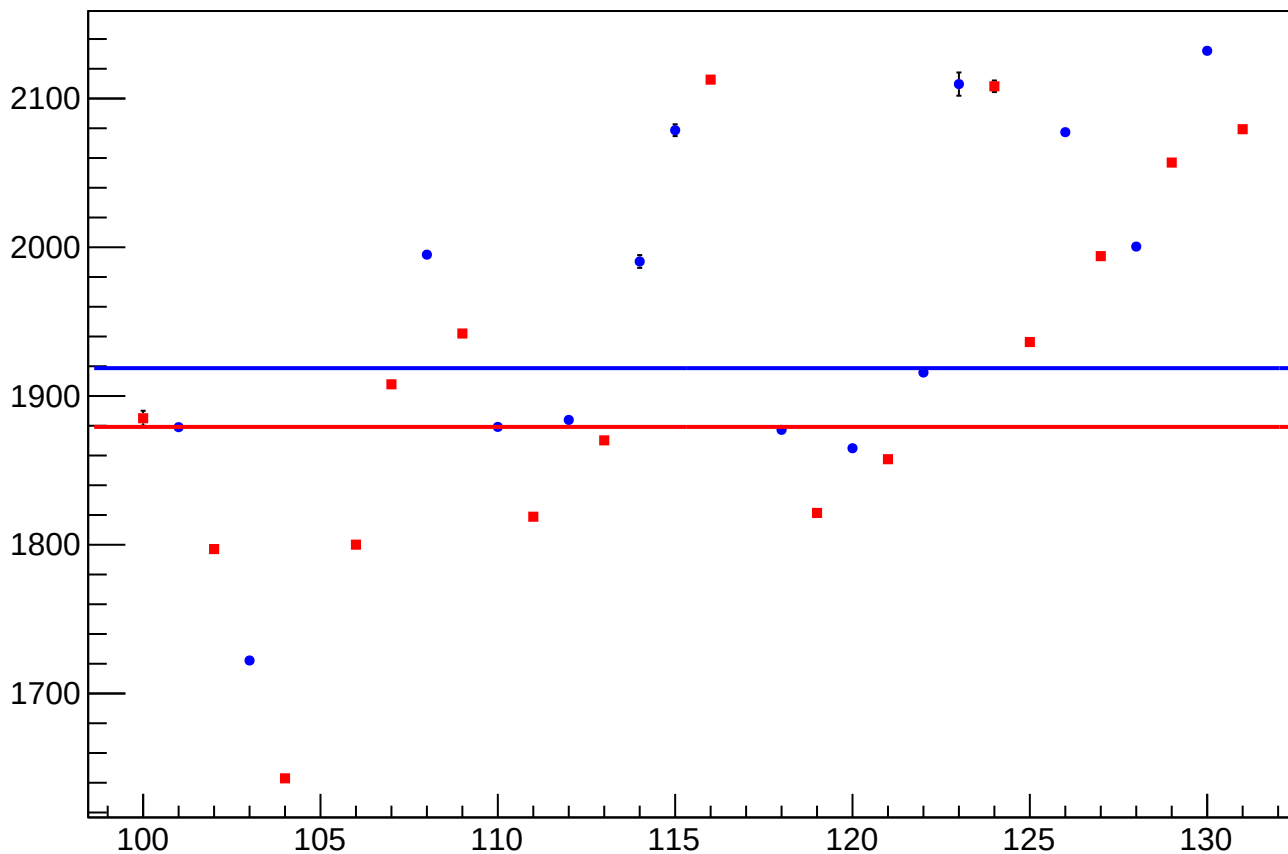
Right: 15.730+/-0.566 χ^2/NDF : 1467.7/29

In: 21.075+/-0.837 χ^2/NDF : 776.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.730+/-0.566 χ^2/NDF : 1467.7/29

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1918.736 $\pm$ 0.592 χ^2 /NDF: 36917.6/13

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

Right Out: 1879.229 $\pm$ 0.543 χ^2 /NDF: 53425.9/15

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

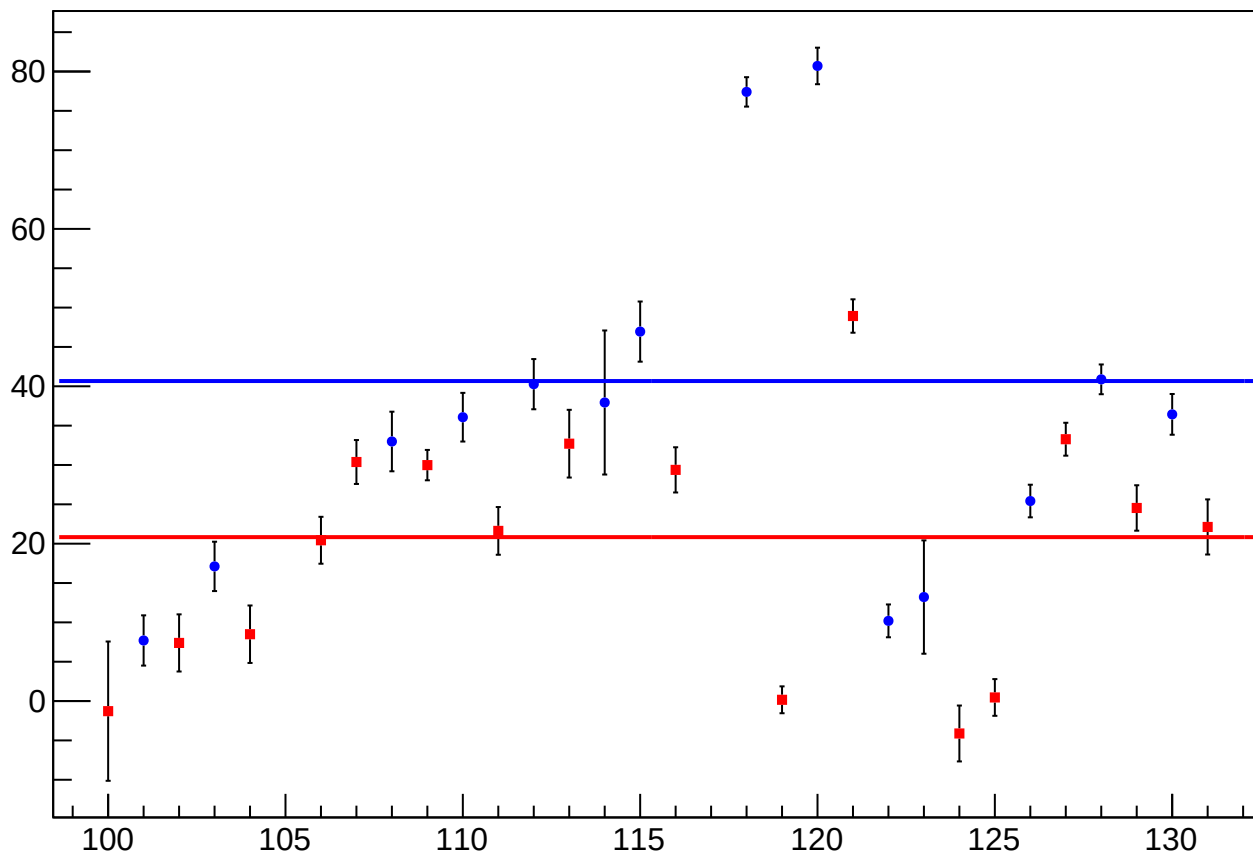
Right: 1897.279 $\pm$ 0.400 χ^2 /NDF: 92764.4/29

In: 1918.736 $\pm$ 0.592 χ^2 /NDF: 36917.6/13

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

All: 1897.279 $\pm$ 0.400 χ^2 /NDF: 92764.4/29

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 40.667 $\pm$ 0.719 χ^2 /NDF: 1140.2/13

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

Right Out: 20.832 $\pm$ 0.672 χ^2 /NDF: 566.7/15

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

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

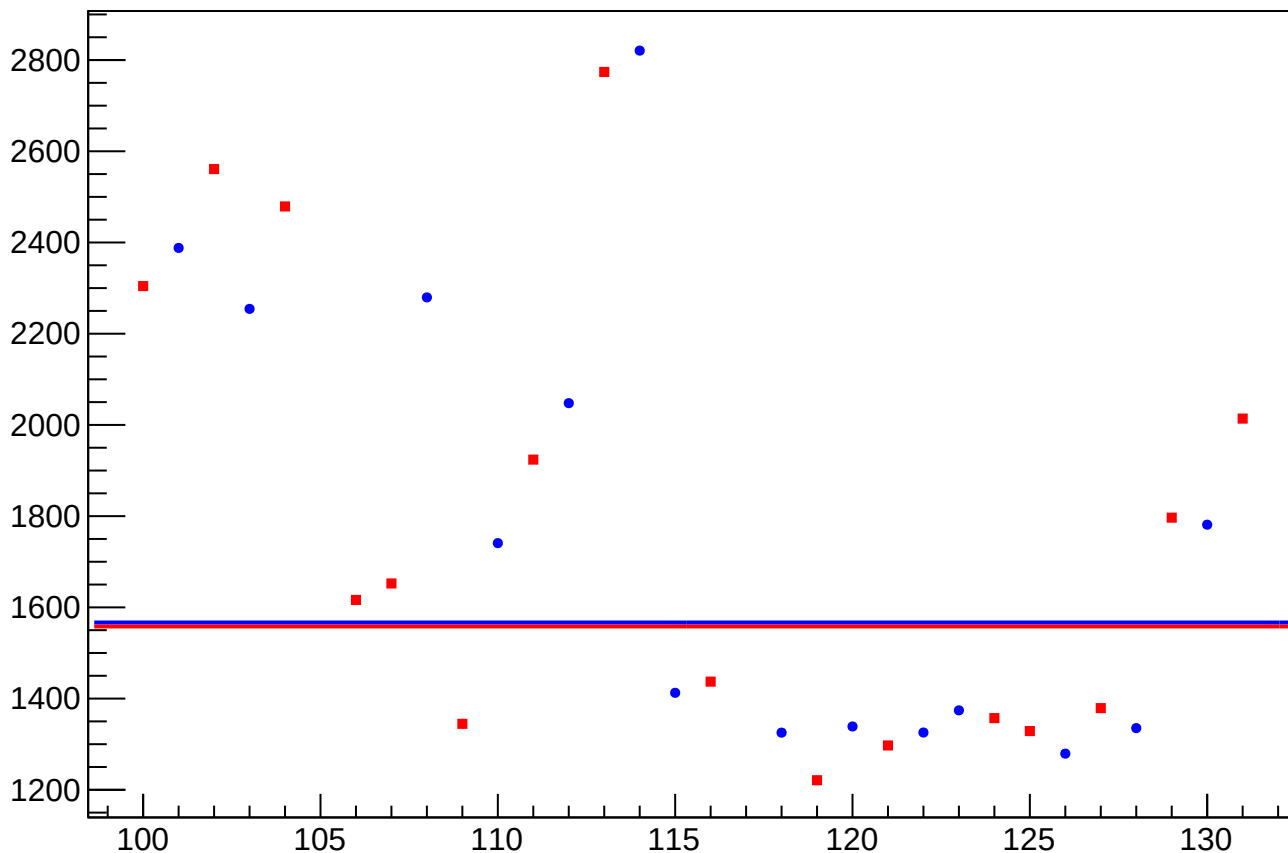
Right: 30.079 $\pm$ 0.491 χ^2 /NDF: 2113.3/29

In: 40.667 $\pm$ 0.719 χ^2 /NDF:1140.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 30.079 $\pm$ 0.491 χ^2 /NDF: 2113.3/29

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 1566.782+/-0.508 χ^2/NDF : 554880.6/13

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

Right Out: 1558.146+/-0.475 χ^2/NDF : 709965.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

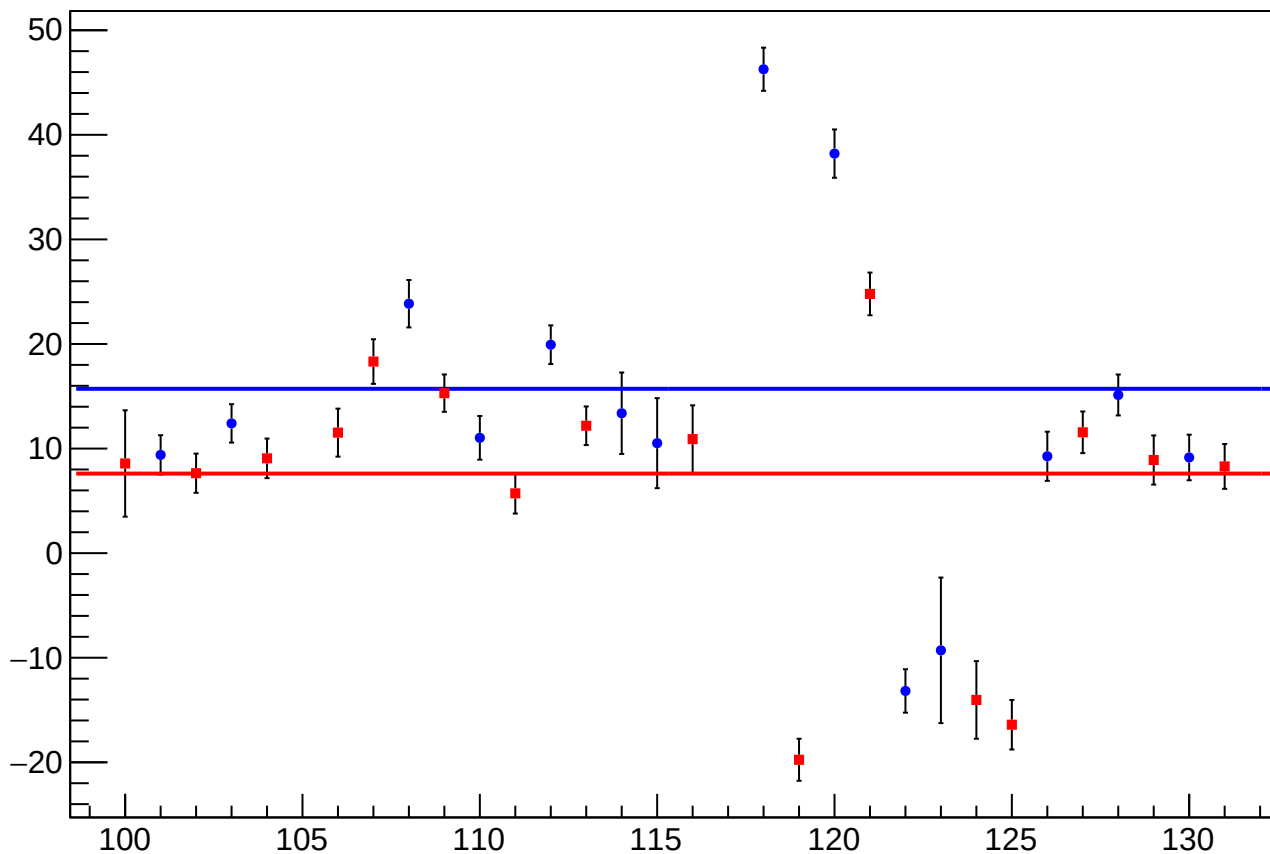
Right: 1562.172+/-0.347 χ^2/NDF : 1265000.4/29

In: 1566.782+/-0.508 χ^2/NDF : 554880.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1562.172+/-0.347 χ^2/NDF : 1265000.4/29

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 15.715+/-0.604 χ^2/NDF : 576.8/13

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

Right Out: 7.607+/-0.545 χ^2/NDF : 452.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

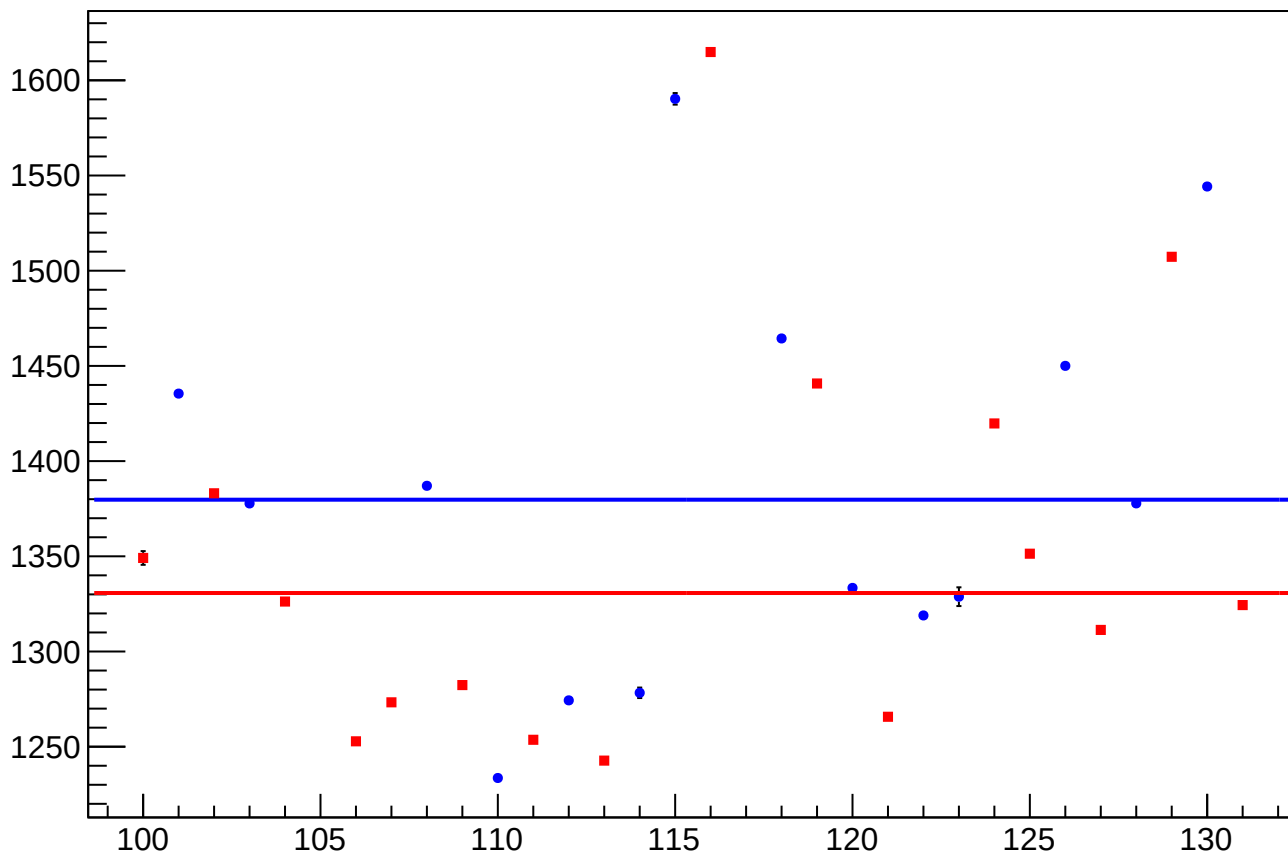
Right: 11.244+/-0.404 χ^2/NDF : 1129.0/29

In: 15.715+/-0.604 χ^2/NDF : 576.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.244+/-0.404 χ^2/NDF : 1129.0/29

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1379.732+/-0.427 χ^2/NDF : 43385.8/13

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

Right Out: 1330.722+/-0.385 χ^2/NDF : 50851.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

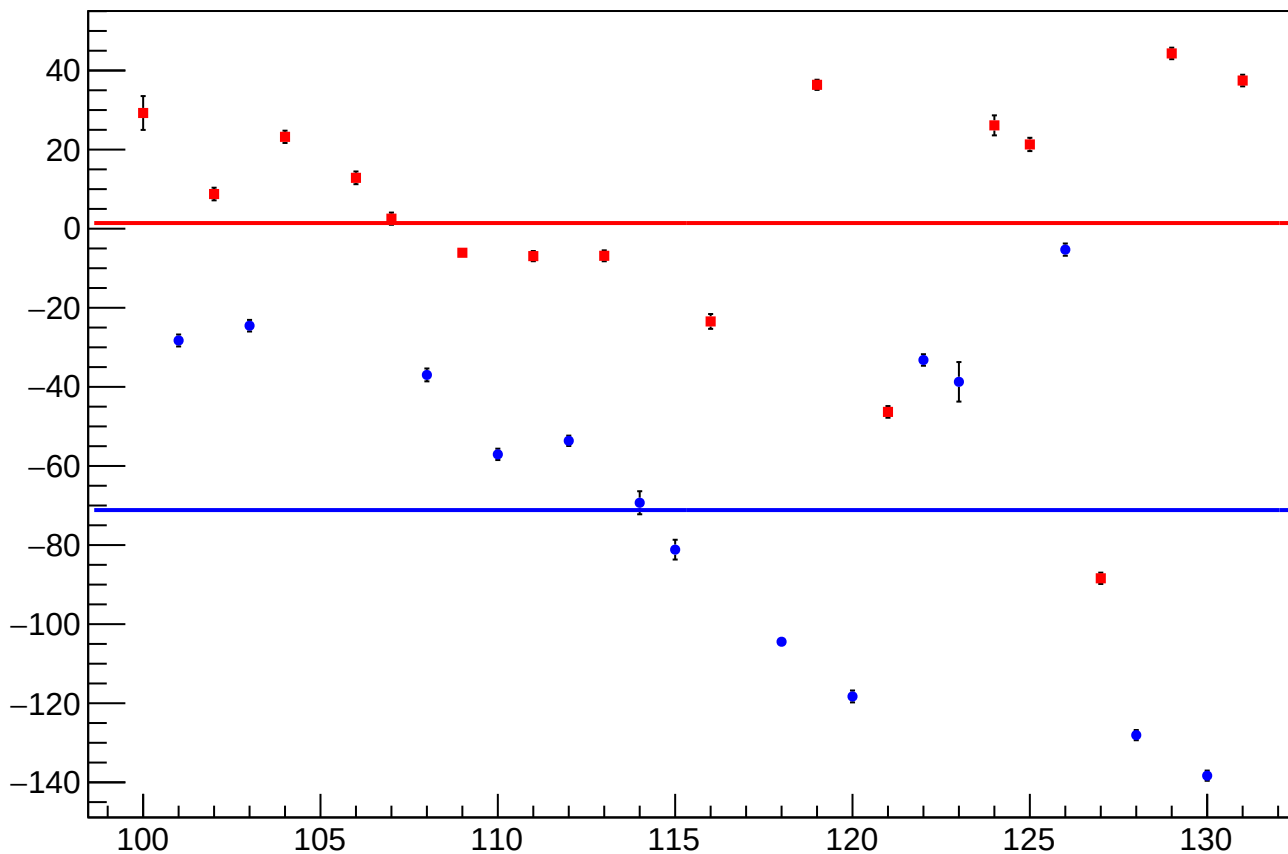
Right: 1352.705+/-0.286 χ^2/NDF : 101505.1/29

In: 1379.732+/-0.427 χ^2/NDF : 43385.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1352.705+/-0.286 χ^2/NDF : 101505.1/29

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -71.154 ± 0.415 χ^2/NDF : 11383.3/13

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

Right Out: 1.426 ± 0.385 χ^2/NDF : 8039.8/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

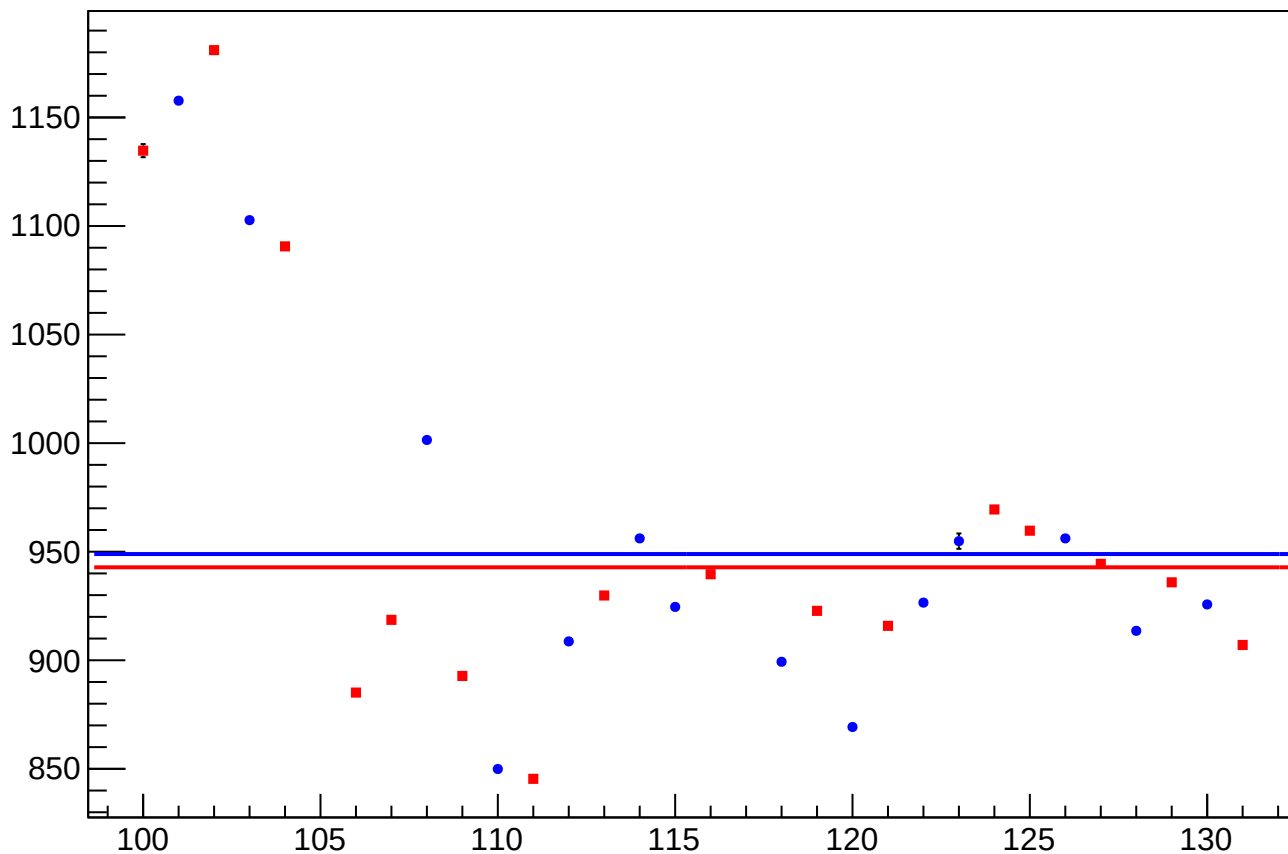
Right: -32.223 ± 0.282 χ^2/NDF : 35857.8/29

In: -71.154 ± 0.415 χ^2/NDF : 11383.3/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -32.223 ± 0.282 χ^2/NDF : 35857.8/29

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 948.926+/-0.293 χ^2/NDF : 85228.7/13

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

Right Out: 942.815+/-0.273 χ^2/NDF : 87269.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

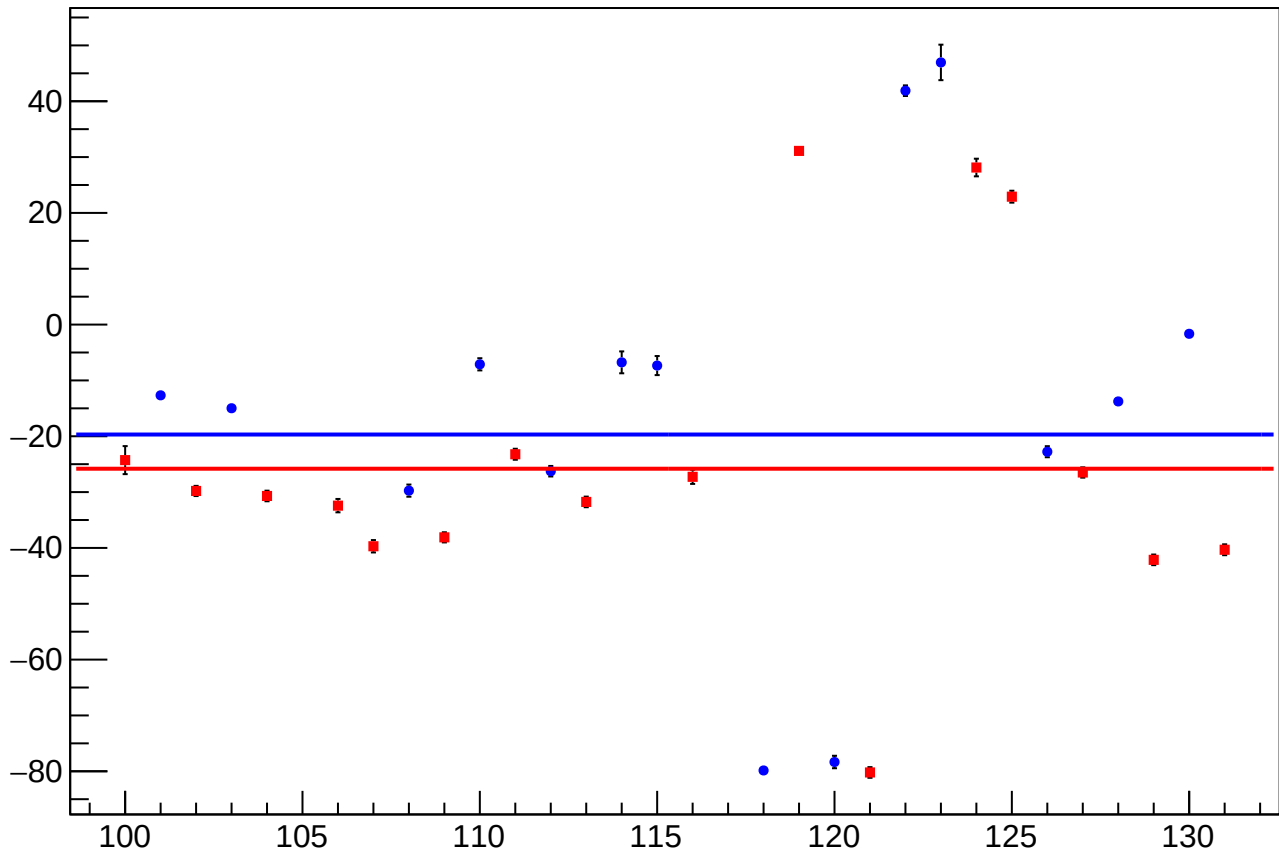
Right: 945.648+/-0.200 χ^2/NDF : 172731.0/29

In: 948.926+/-0.293 χ^2/NDF : 85228.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 945.648+/-0.200 χ^2/NDF : 172731.0/29

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -19.689+/-0.278 χ^2/NDF : 12867.8/13

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

Right Out: -25.814+/-0.259 χ^2/NDF : 11715.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

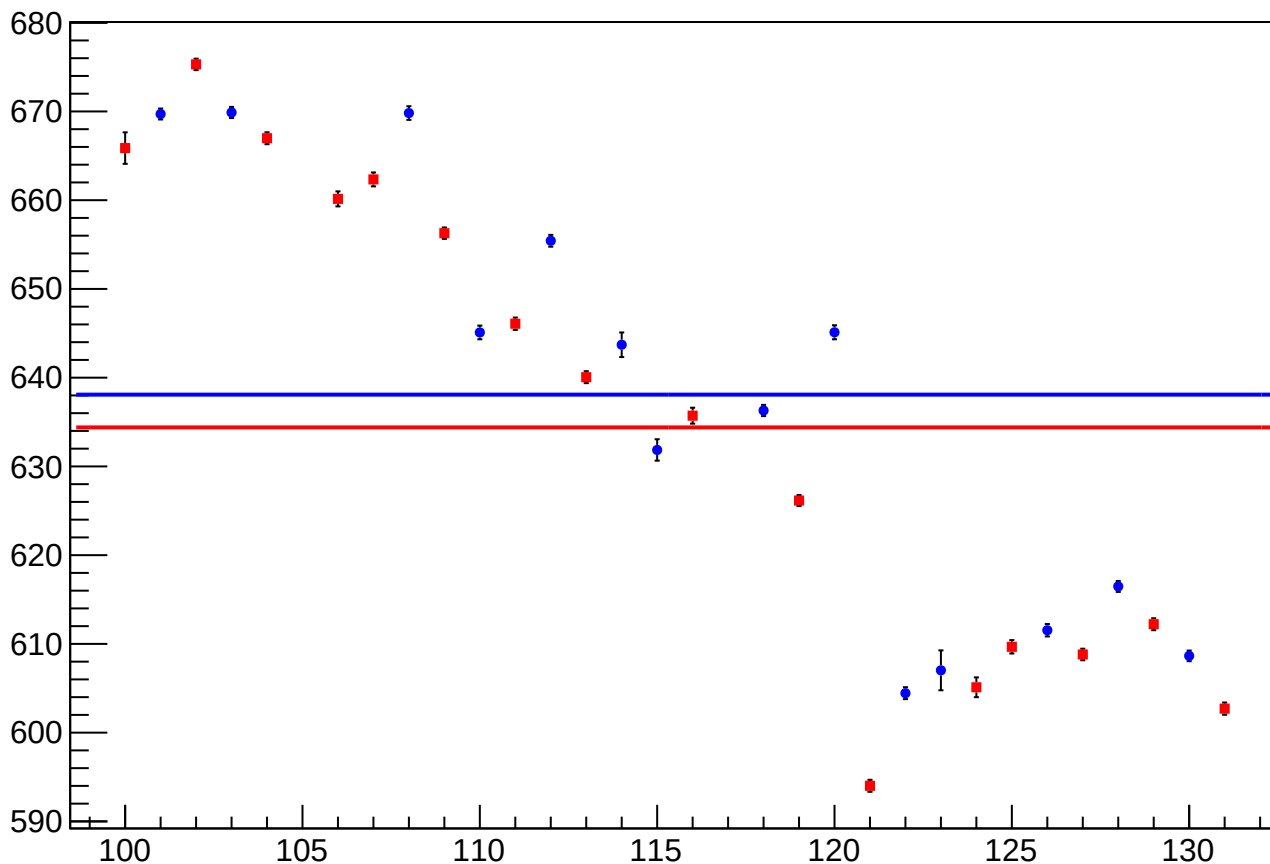
Right: -22.971+/-0.189 χ^2/NDF : 24843.4/29

In: -19.689+/-0.278 χ^2/NDF : 12867.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.971+/-0.189 χ^2/NDF : 24843.4/29

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 638.087+/-0.196 χ^2/NDF : 15531.8/13

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

Right Out: 634.395+/-0.183 χ^2/NDF : 20638.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

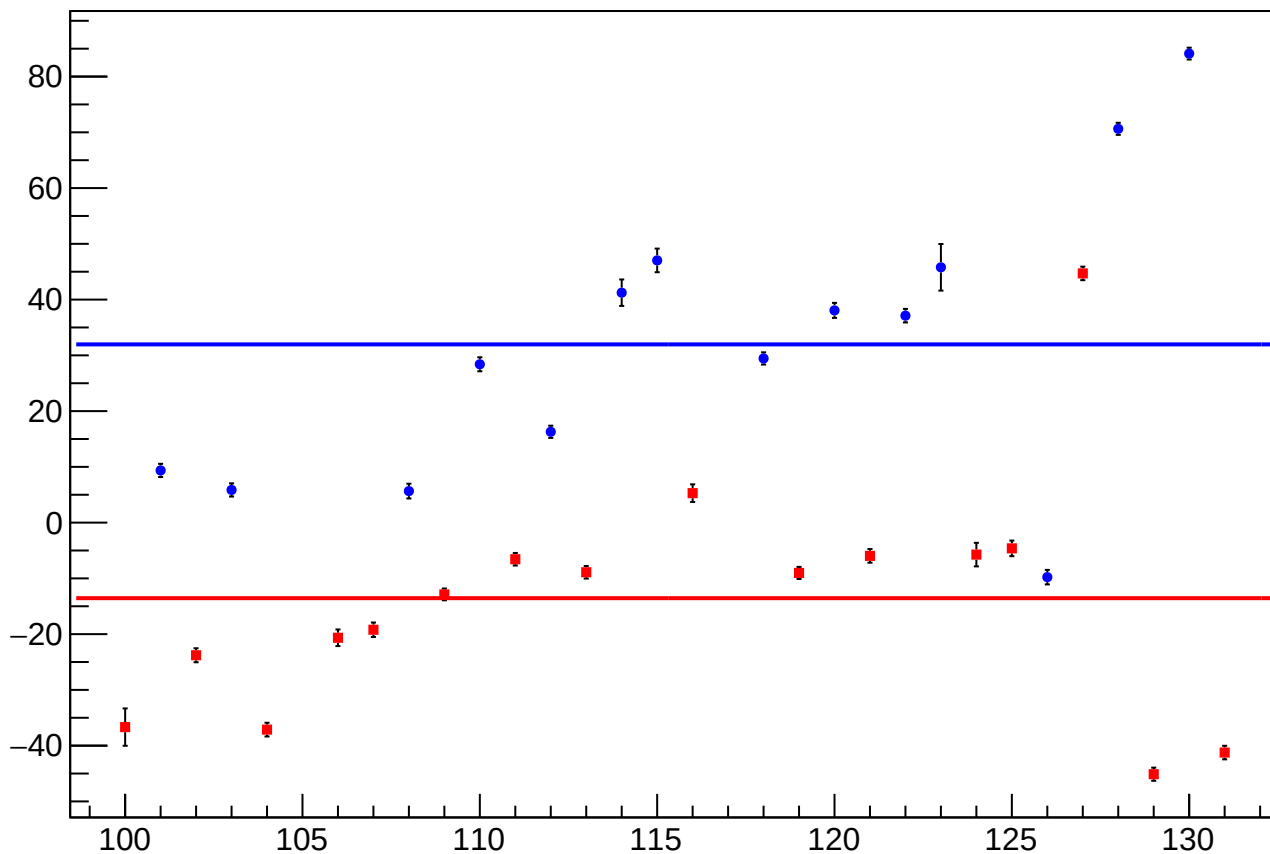
Right: 636.109+/-0.134 χ^2/NDF : 36359.8/29

In: 638.087+/-0.196 χ^2/NDF :15531.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 636.109+/-0.134 χ^2/NDF : 36359.8/29

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 31.967 $\pm$ 0.347 χ^2 /NDF: 6286.3/13

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

Right Out: -13.549 $\pm$ 0.323 χ^2 /NDF: 4367.3/15

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

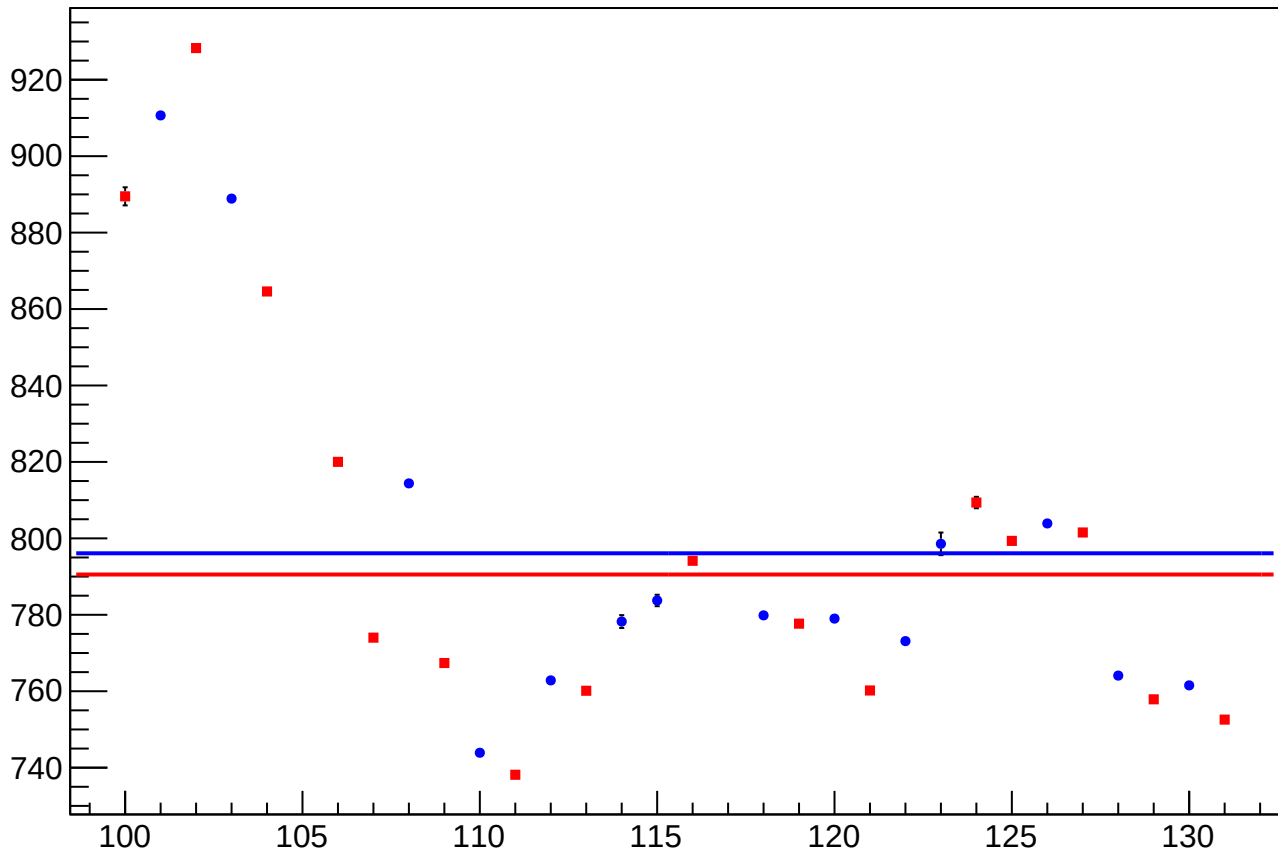
Right: 7.547 $\pm$ 0.236 χ^2 /NDF: 19879.6/29

In: 31.967 $\pm$ 0.347 χ^2 /NDF:6286.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 7.547 $\pm$ 0.236 χ^2 /NDF: 19879.6/29

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 796.093 $\pm$ 0.245 χ^2 /NDF: 42191.2/13

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

Right Out: 790.538 $\pm$ 0.228 χ^2 /NDF: 46265.0/15

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

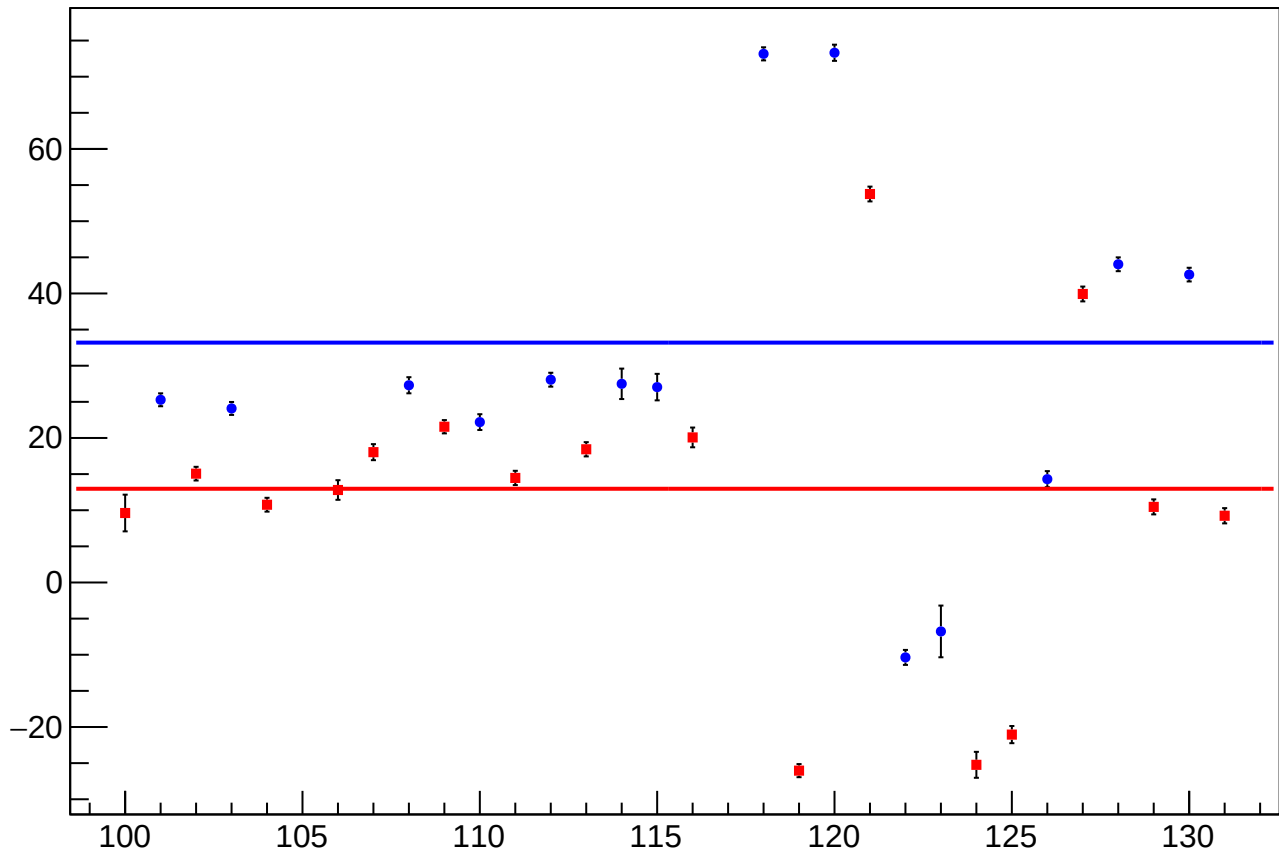
Right: 793.113 $\pm$ 0.167 χ^2 /NDF: 88731.0/29

In: 796.093 $\pm$ 0.245 χ^2 /NDF:42191.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 793.113 $\pm$ 0.167 χ^2 /NDF: 88731.0/29

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 33.196 $\pm$ 0.291 χ^2 /NDF: 5987.5/13

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

Right Out: 12.971 $\pm$ 0.273 χ^2 /NDF: 5592.3/15

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

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

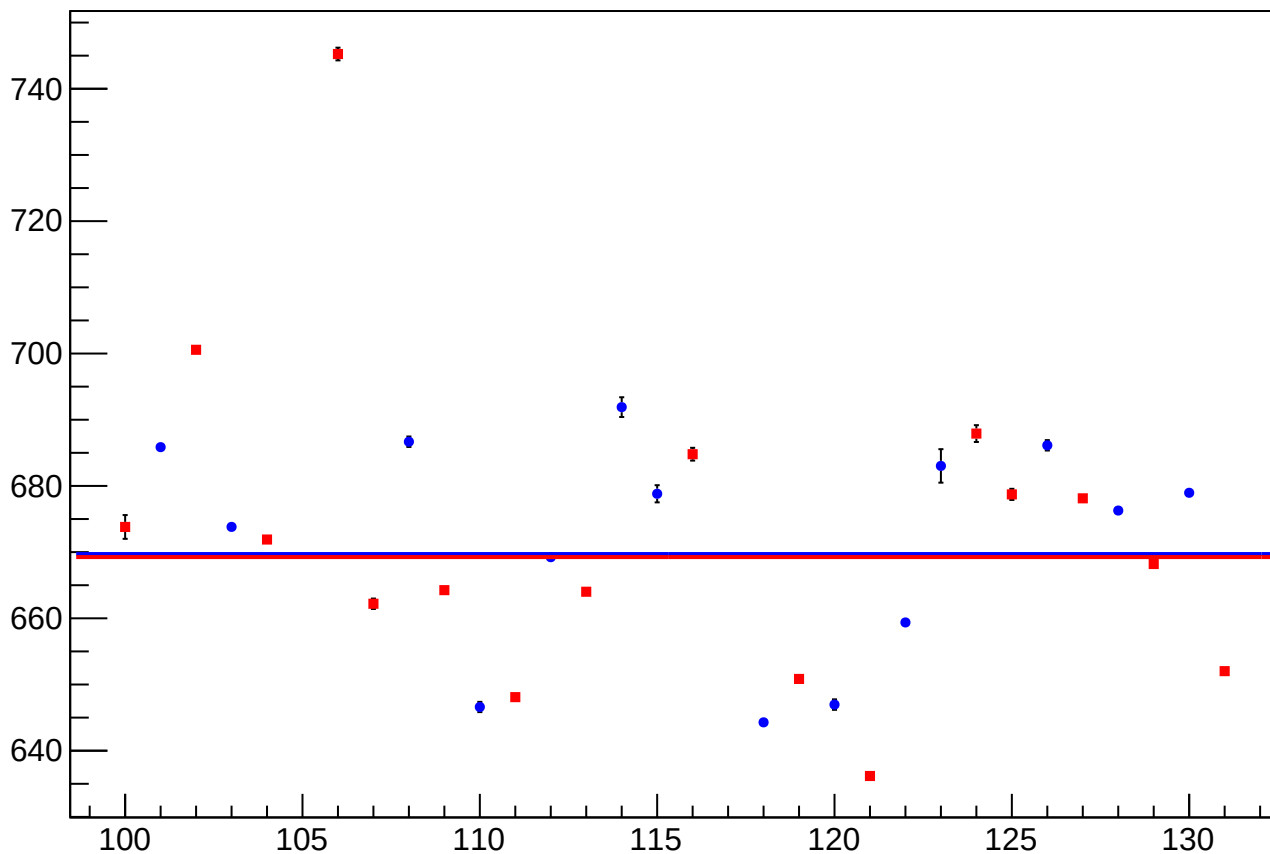
Right: 22.416 $\pm$ 0.199 χ^2 /NDF: 14147.1/29

In: 33.196 $\pm$ 0.291 χ^2 /NDF:5987.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 22.416 $\pm$ 0.199 χ^2 /NDF: 14147.1/29

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 669.710 $\pm$ 0.206 χ^2 /NDF: 5665.3/13

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

Right Out: 669.251 $\pm$ 0.193 χ^2 /NDF: 13774.5/15

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

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

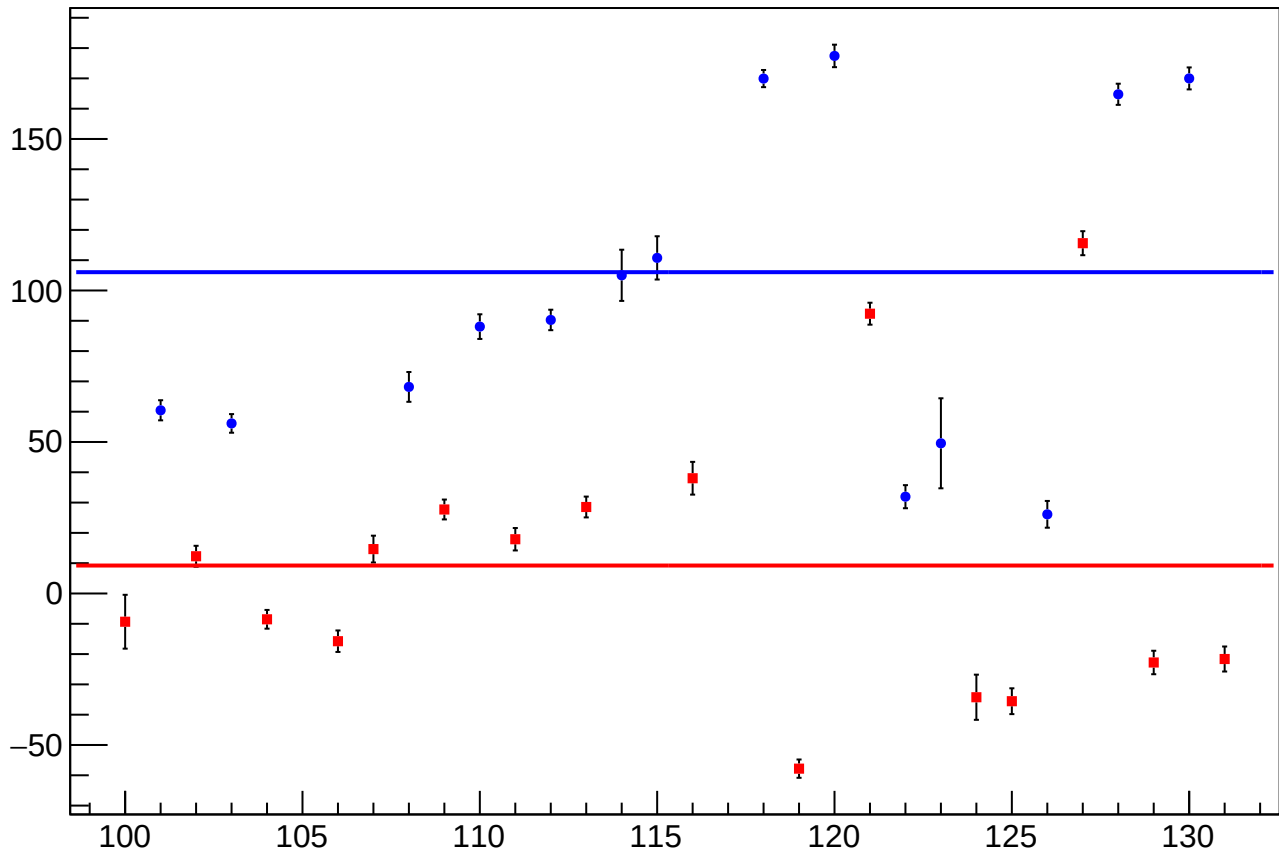
Right: 669.465 $\pm$ 0.141 χ^2 /NDF: 19442.4/29

In: 669.710 $\pm$ 0.206 χ^2 /NDF:5665.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 669.465 $\pm$ 0.141 χ^2 /NDF: 19442.4/29

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 106.043 $\pm$ 1.054 χ^2 /NDF: 2744.6/13

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

Right Out: 9.226 $\pm$ 0.969 χ^2 /NDF: 2194.4/15

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

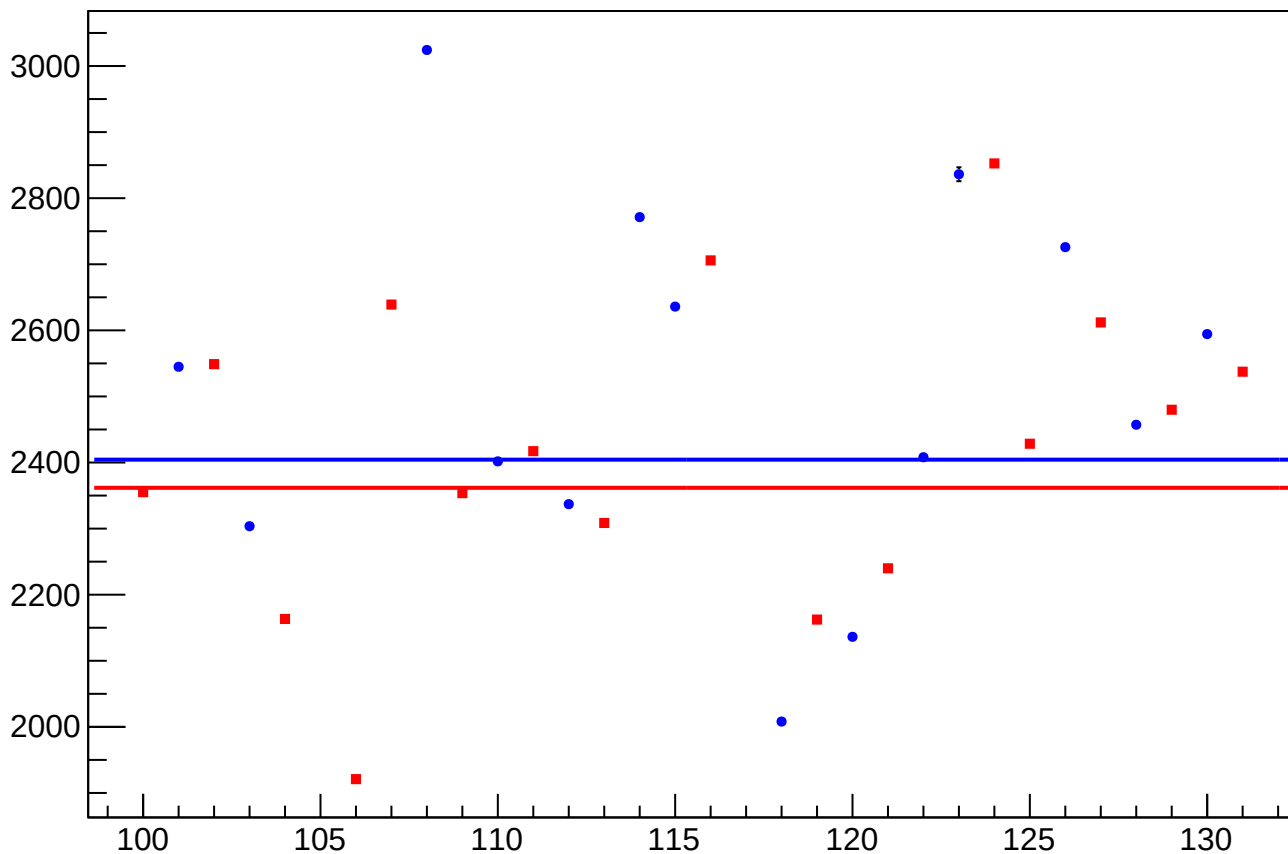
Right: 53.562 $\pm$ 0.714 χ^2 /NDF: 9508.4/29

In: 106.043 $\pm$ 1.054 χ^2 /NDF:2744.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 53.562 $\pm$ 0.714 χ^2 /NDF: 9508.4/29

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2404.351+/-0.746 χ^2/NDF : 111974.7/13

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

Right Out: 2361.746+/-0.685 χ^2/NDF : 95509.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

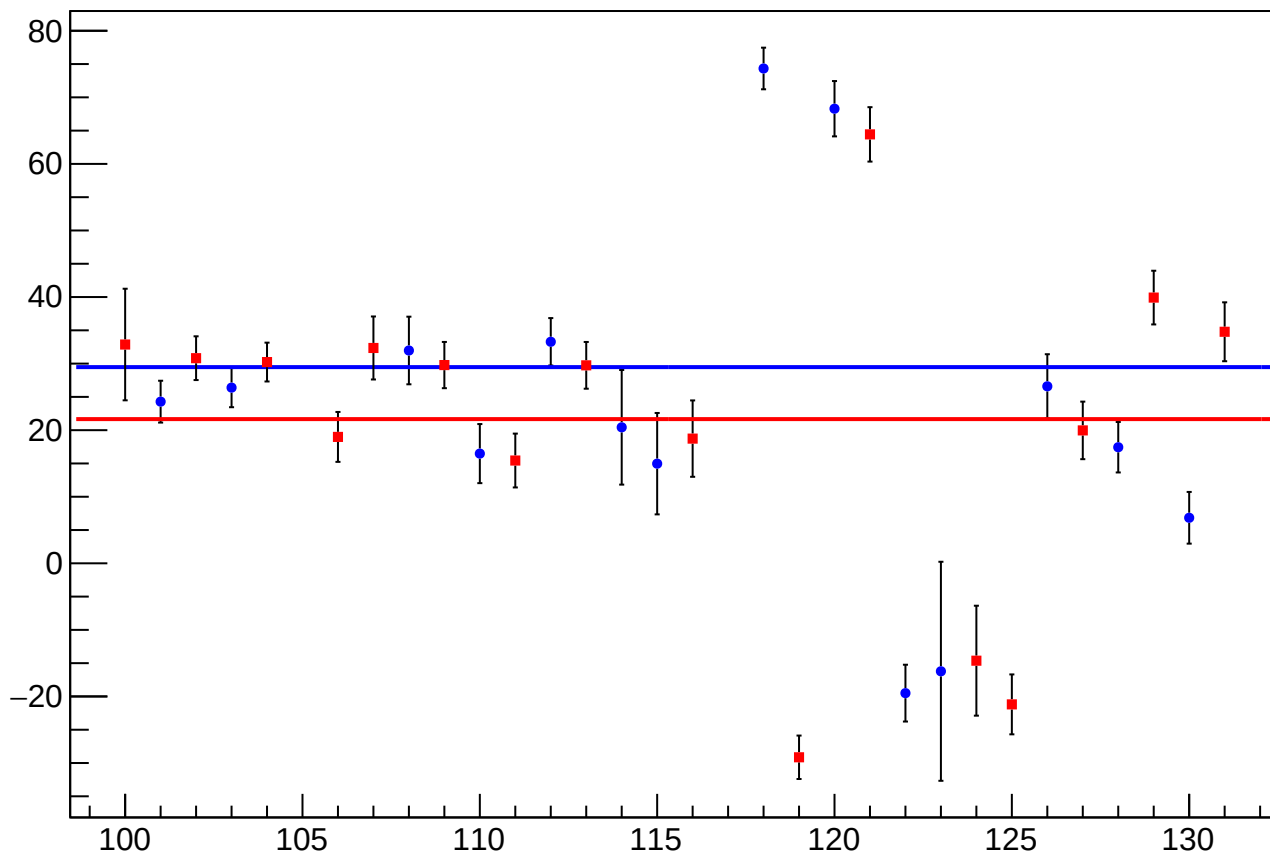
Right: 2381.256+/-0.505 χ^2/NDF : 209254.2/29

In: 2404.351+/-0.746 χ^2/NDF : 111974.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2381.256+/-0.505 χ^2/NDF : 209254.2/29

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 29.474+/-1.109 χ^2/NDF : 495.5/13

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

Right Out: 21.663+/-1.010 χ^2/NDF : 528.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

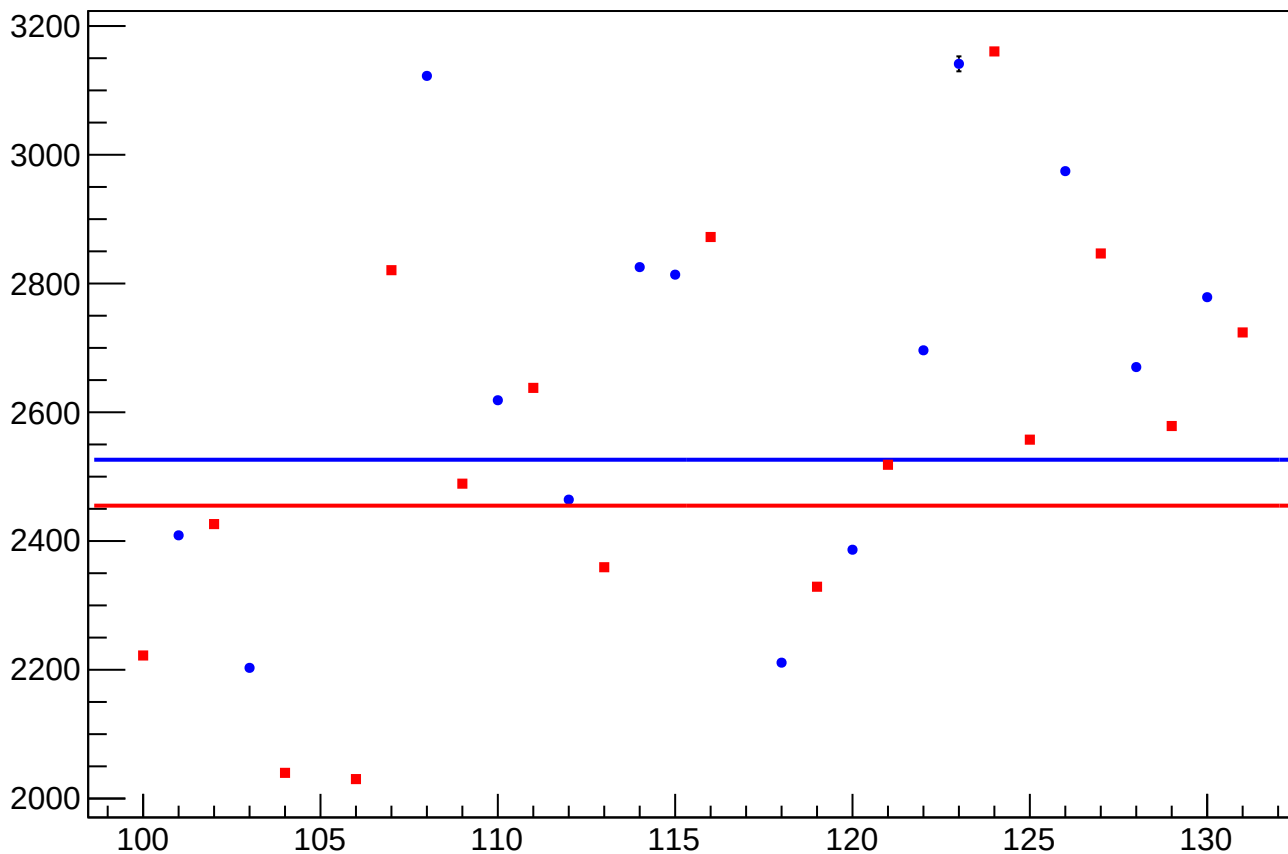
Right: 25.207+/-0.747 χ^2/NDF : 1051.2/29

In: 29.474+/-1.109 χ^2/NDF : 495.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.207+/-0.747 χ^2/NDF : 1051.2/29

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2526.288 $\pm$ 0.784 χ^2 /NDF: 118442.0/13

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

Right Out: 2454.955 $\pm$ 0.714 χ^2 /NDF: 140979.7/15

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

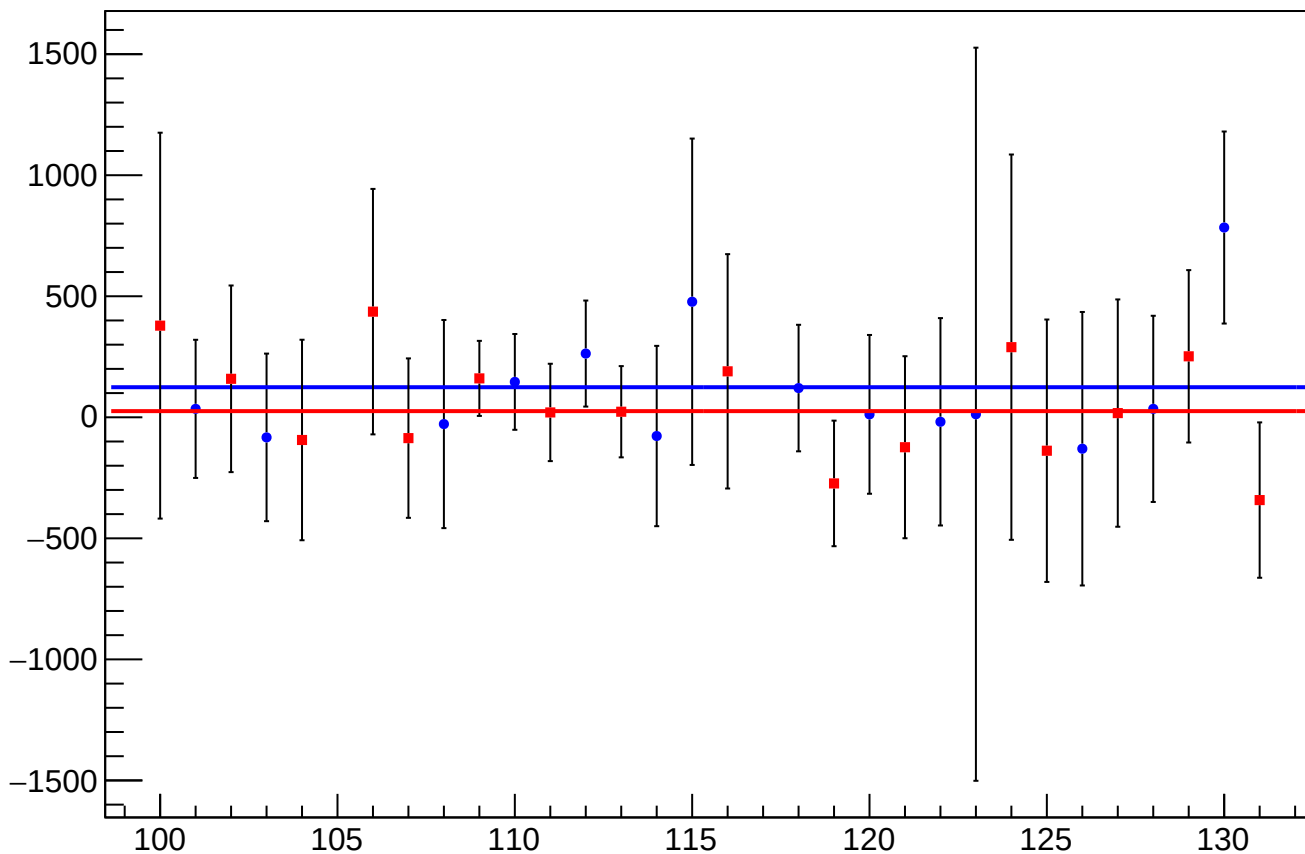
Right: 2487.320 $\pm$ 0.528 χ^2 /NDF: 263944.9/29

In: 2526.288 $\pm$ 0.784 χ^2 /NDF: 118442.0/13

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

All: 2487.320 $\pm$ 0.528 χ^2 /NDF: 263944.9/29

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 124.256+/-88.417 χ^2/NDF : 4.8/13

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

Right Out: 25.491+/-75.577 χ^2/NDF : 5.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

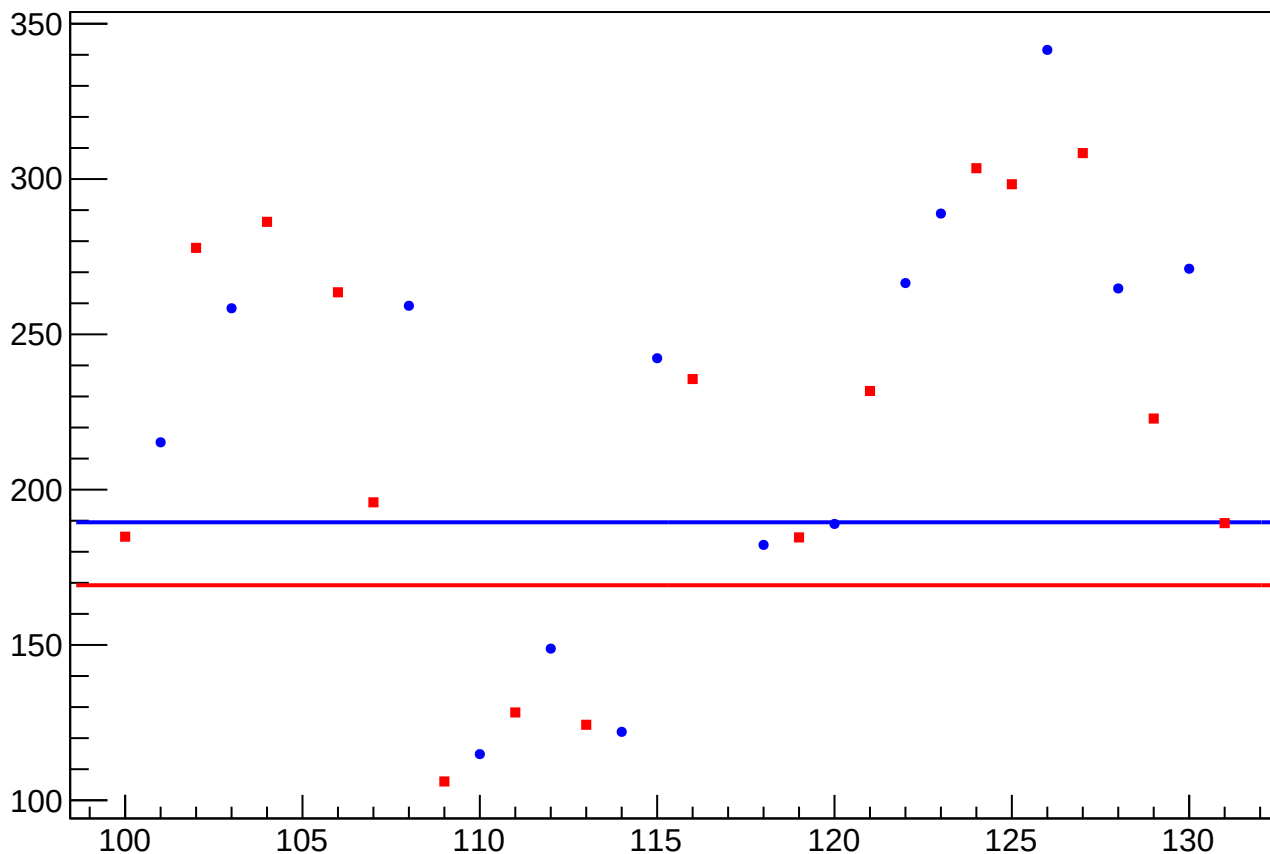
Right: 67.188+/-57.449 χ^2/NDF : 11.0/29

In: 124.256+/-88.417 χ^2/NDF : 4.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.188+/-57.449 χ^2/NDF : 11.0/29

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 189.494+/-0.063 χ^2/NDF : 960853.6/13

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

Right Out: 169.222+/-0.053 χ^2/NDF : 1429638.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

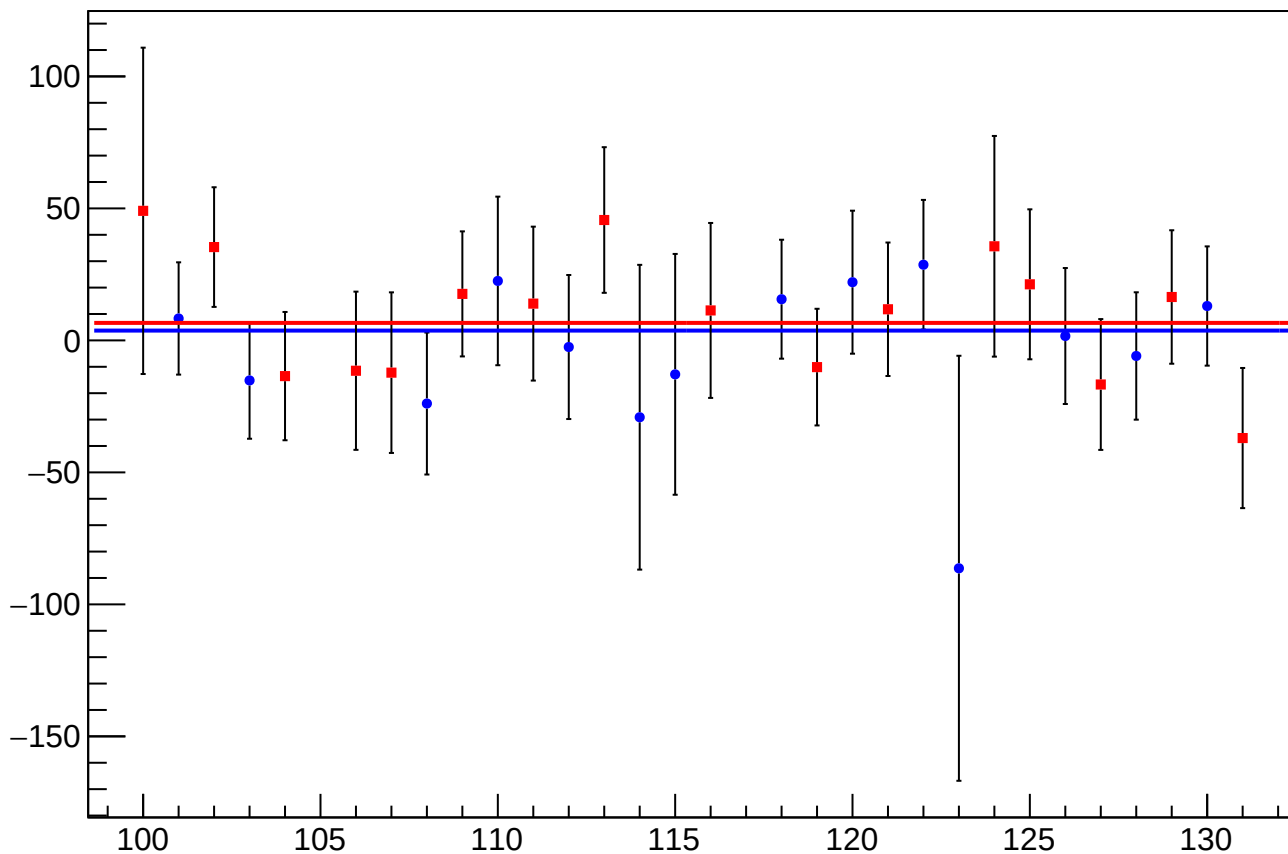
Right: 177.781+/-0.041 χ^2/NDF : 2451241.0/29

In: 189.494+/-0.063 χ^2/NDF : 960853.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.781+/-0.041 χ^2/NDF : 2451241.0/29

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.715+/-7.240 χ^2/NDF : 6.0/13

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

Right Out: 6.627+/-6.849 χ^2/NDF : 10.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

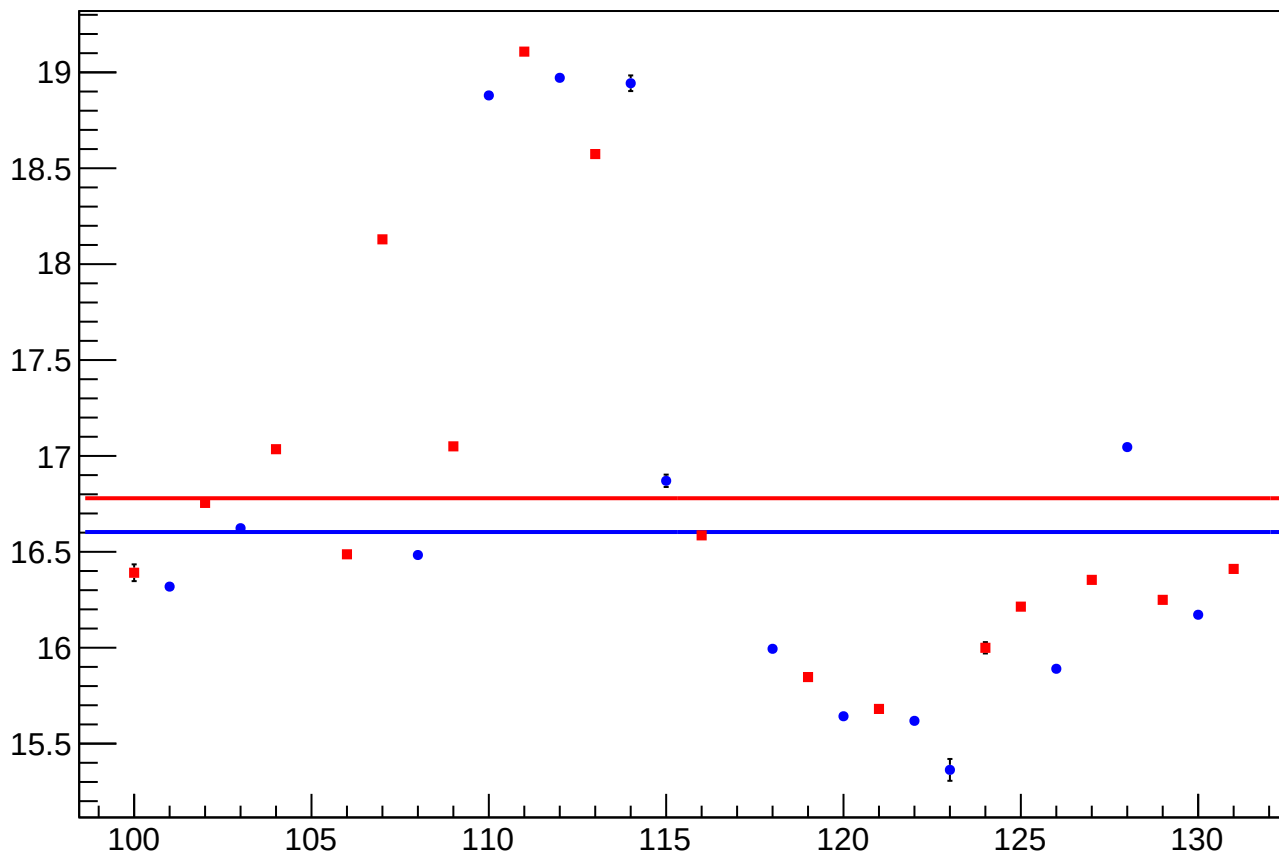
Right: 5.252+/-4.976 χ^2/NDF : 17.0/29

In: 3.715+/-7.240 χ^2/NDF : 6.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.252+/-4.976 χ^2/NDF : 17.0/29

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.603+/-0.005 χ^2/NDF : 39592.1/13

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

Right Out: 16.779+/-0.005 χ^2/NDF : 36662.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

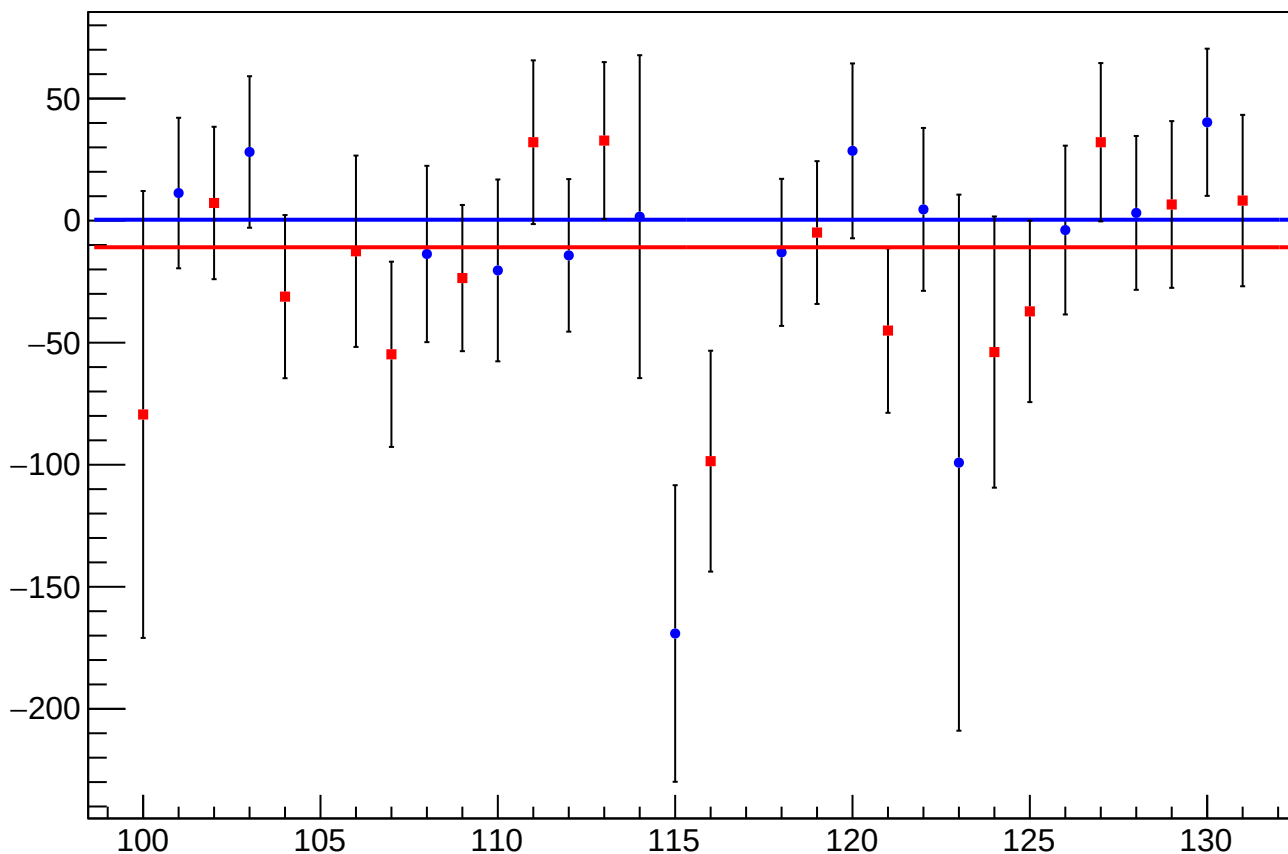
Right: 16.696+/-0.004 χ^2/NDF : 76879.8/29

In: 16.603+/-0.005 χ^2/NDF :39592.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 16.696+/-0.004 χ^2/NDF : 76879.8/29

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.365+/-9.575 χ^2/NDF : 12.8/13

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

Right Out: -10.909+/-8.921 χ^2/NDF : 14.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

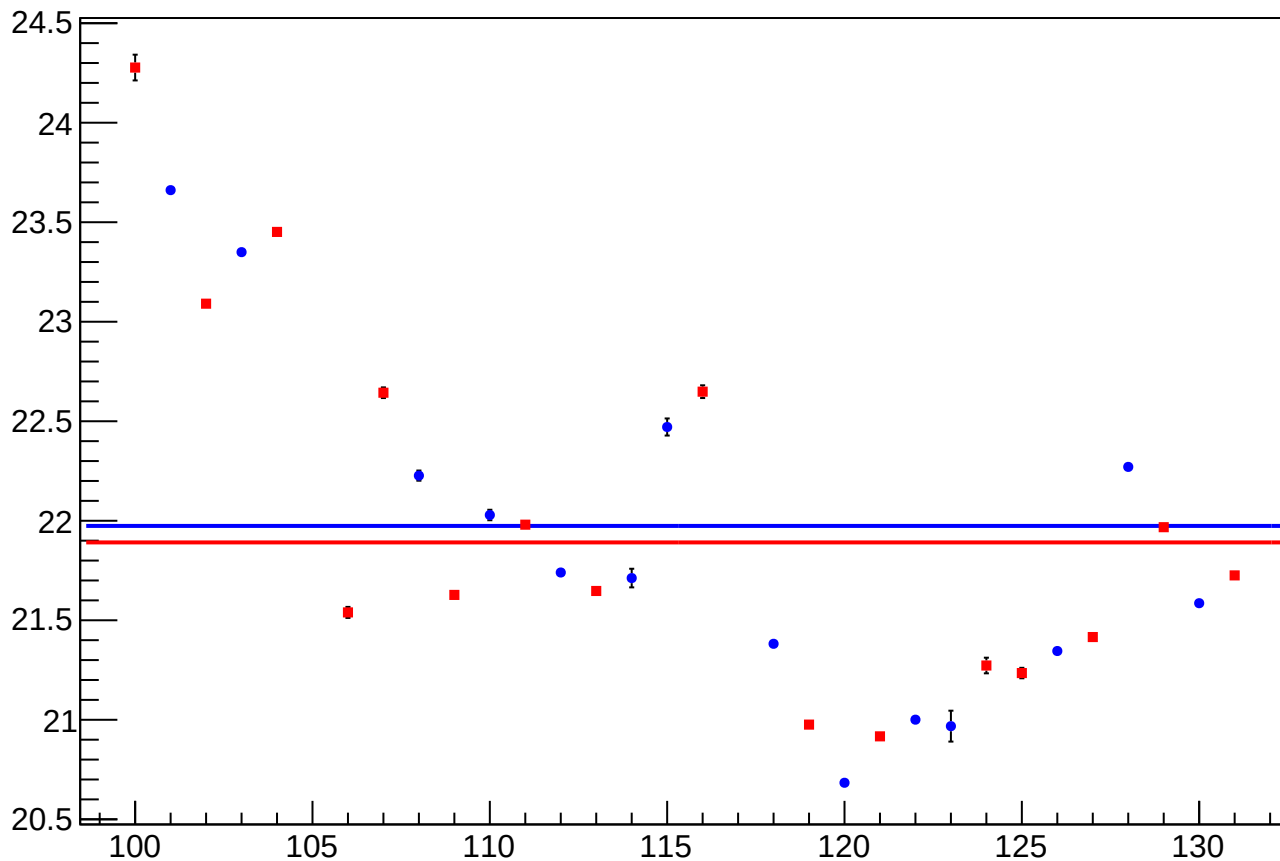
Right: -5.670+/-6.527 χ^2/NDF : 28.1/29

In: 0.365+/-9.575 χ^2/NDF : 12.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.670+/-6.527 χ^2/NDF : 28.1/29

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 21.974+/-0.007 χ^2/NDF : 16707.5/13

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

Right Out: 21.891+/-0.006 χ^2/NDF : 15450.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

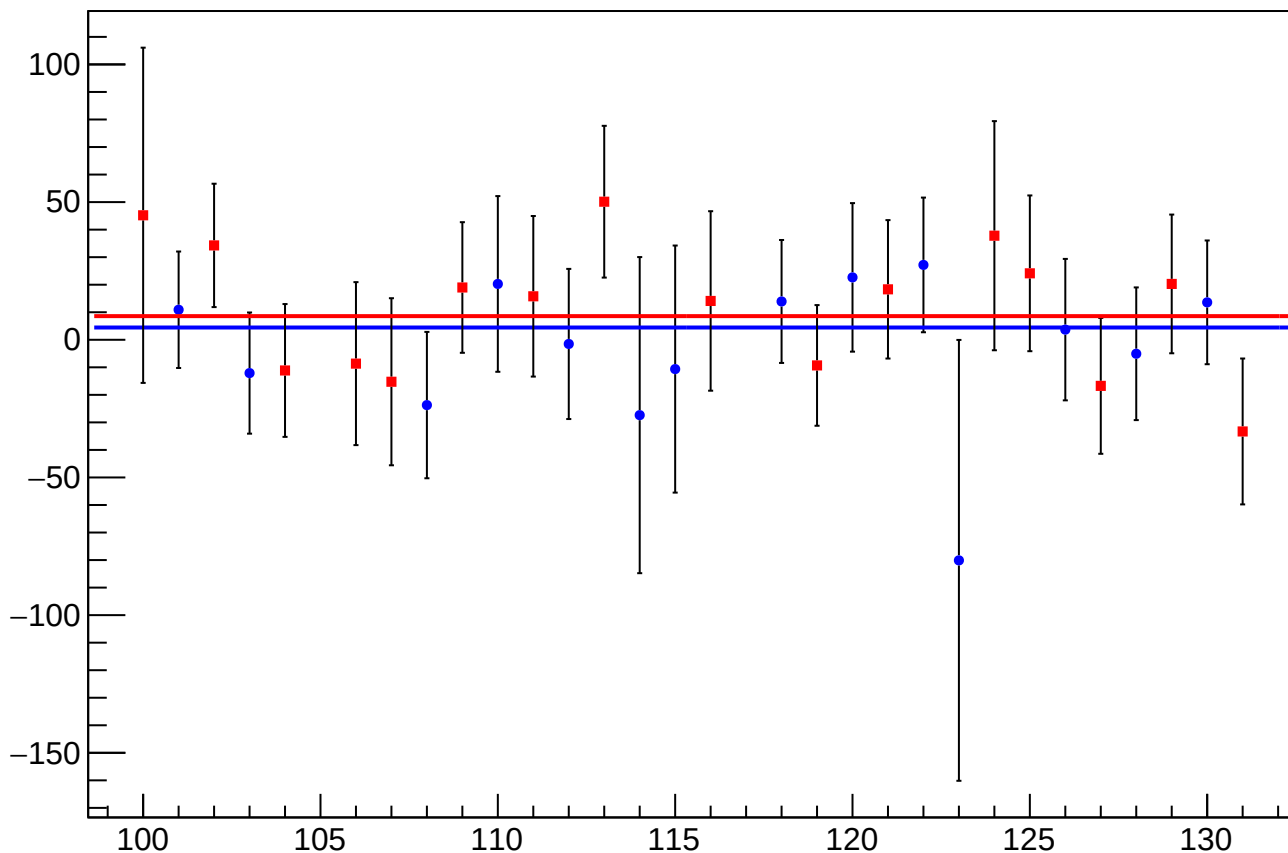
Right: 21.930+/-0.005 χ^2/NDF : 32238.5/29

In: 21.974+/-0.007 χ^2/NDF : 16707.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.930+/-0.005 χ^2/NDF : 32238.5/29

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 4.457+/-7.203 χ^2/NDF : 5.4/13

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

Right Out: 8.589+/-6.811 χ^2/NDF : 11.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

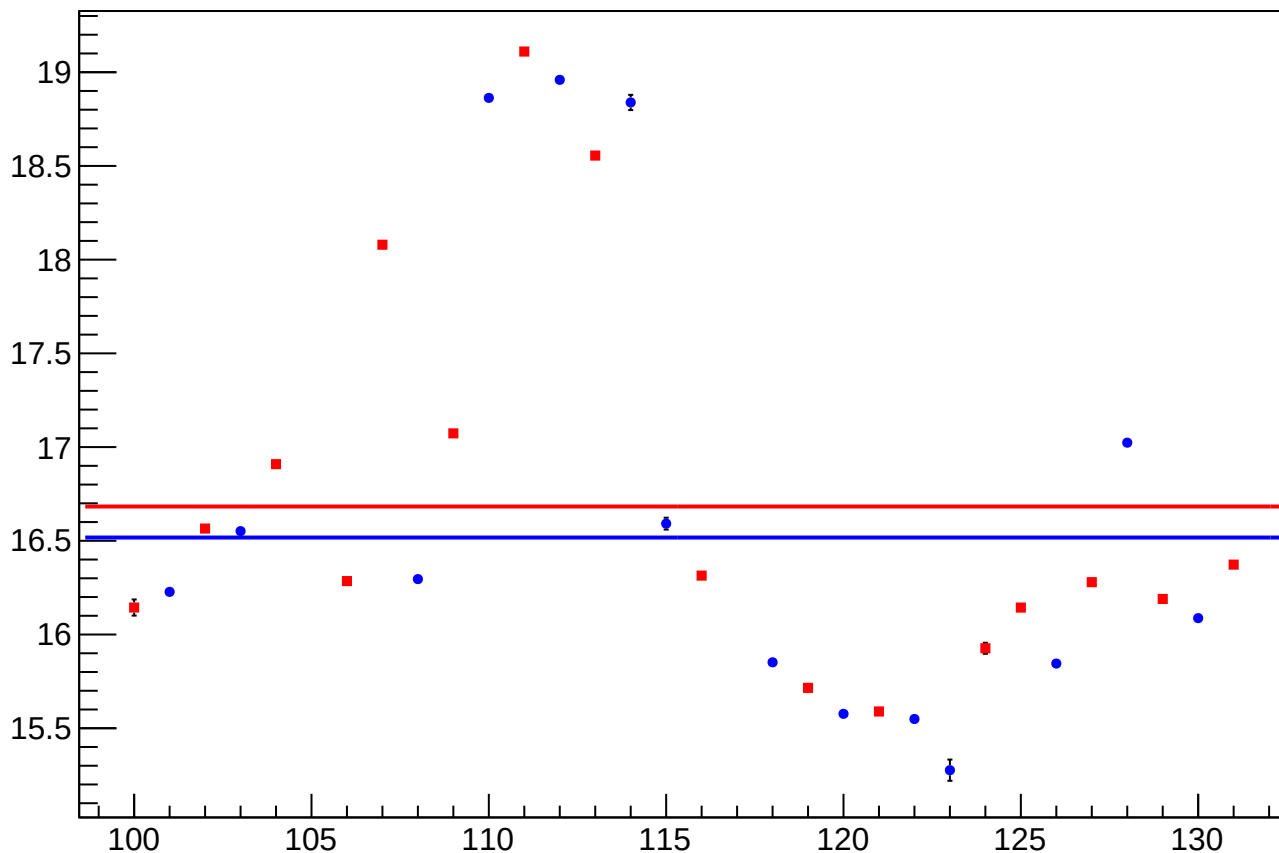
Right: 6.639+/-4.949 χ^2/NDF : 16.8/29

In: 4.457+/-7.203 χ^2/NDF : 5.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.639+/-4.949 χ^2/NDF : 16.8/29

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.517+/-0.005 χ^2/NDF : 41462.0/13

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

Right Out: 16.683+/-0.005 χ^2/NDF : 39526.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

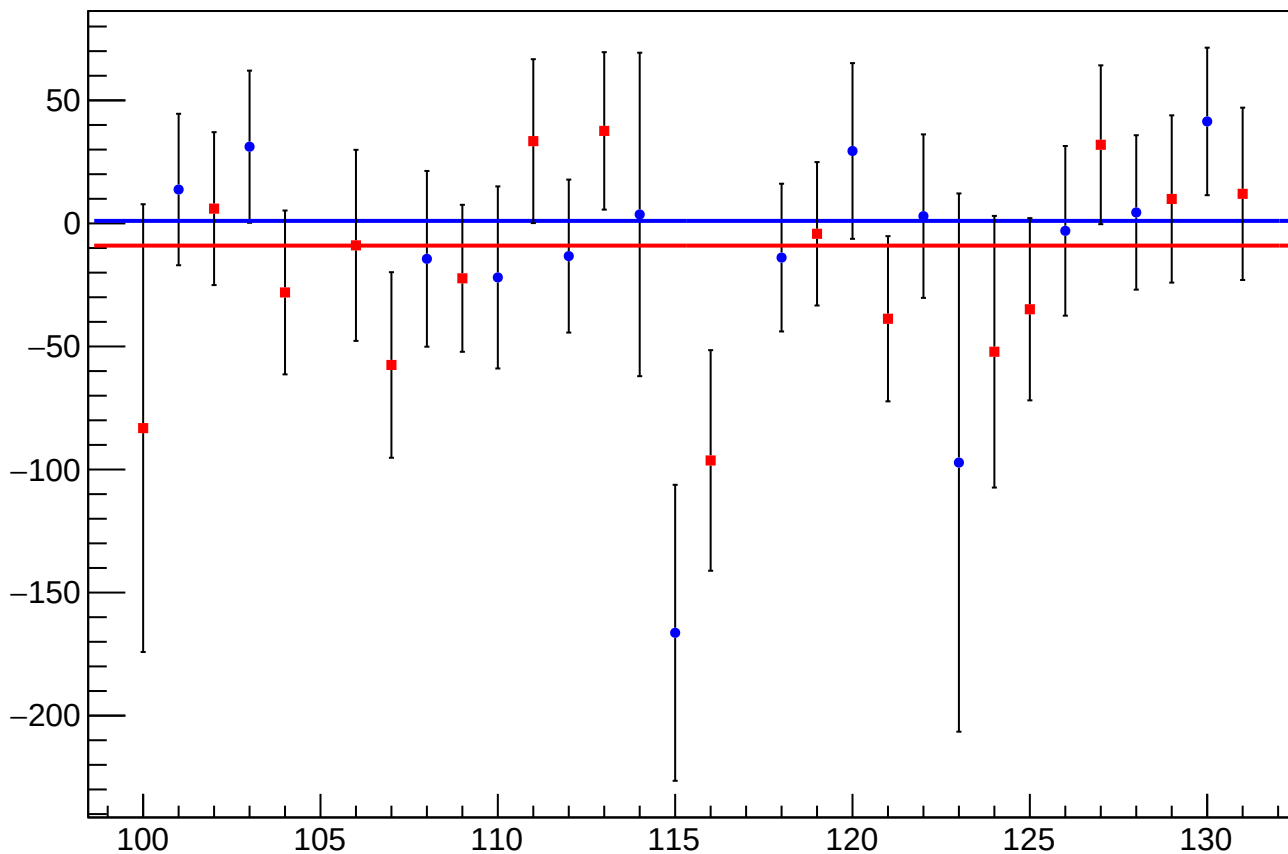
Right: 16.605+/-0.003 χ^2/NDF : 81546.0/29

In: 16.517+/-0.005 χ^2/NDF : 41462.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.605+/-0.003 χ^2/NDF : 81546.0/29

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.025 ± 9.527 $\chi^2/\text{NDF}: 13.2/13$

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

Right Out: -9.016 ± 8.877 $\chi^2/\text{NDF}: 14.8/15$

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

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

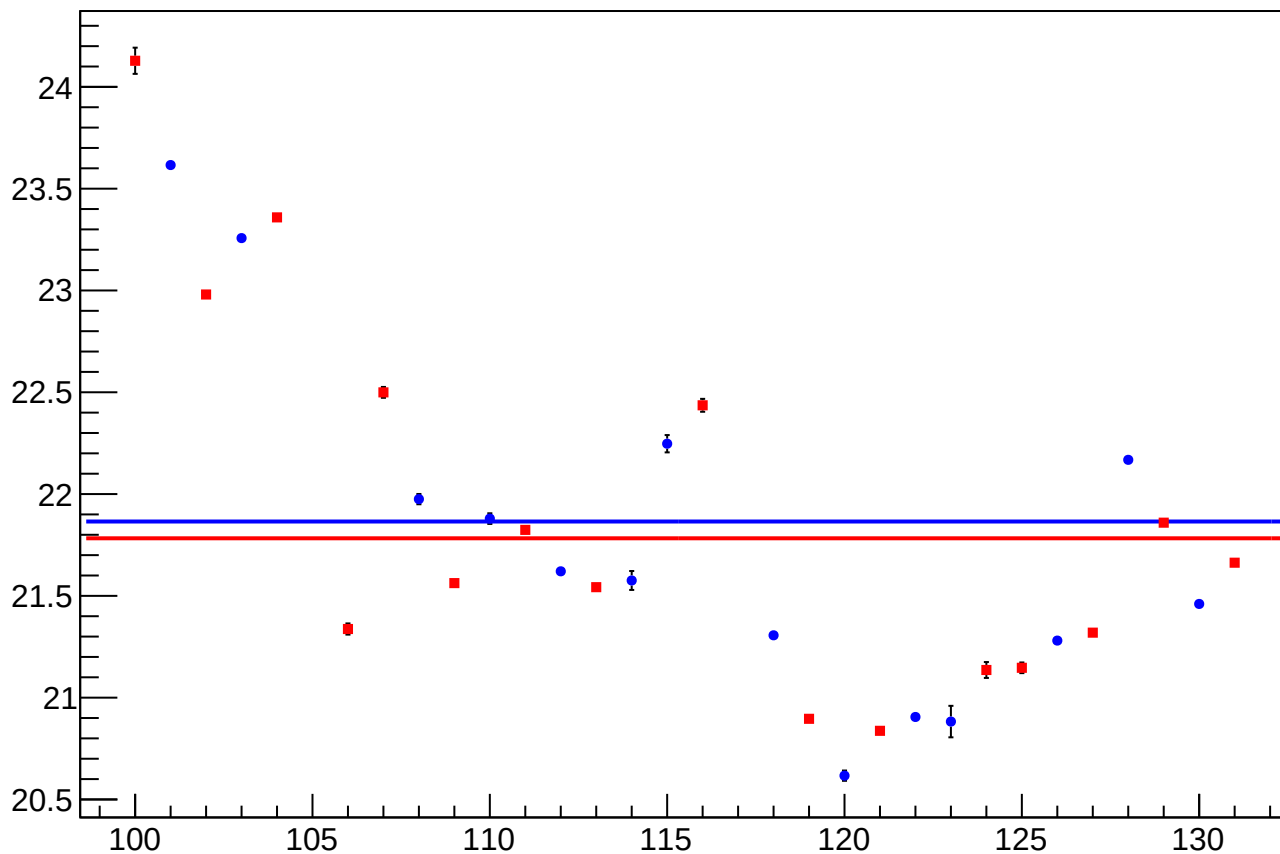
Right: -4.350 ± 6.495 $\chi^2/\text{NDF}: 28.6/29$

In: 1.025 ± 9.527 $\chi^2/\text{NDF}: 13.2/13$

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

All: -4.350 ± 6.495 $\chi^2/\text{NDF}: 28.6/29$

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 21.865+/-0.007 χ^2/NDF : 16891.4/13

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

Right Out: 21.783+/-0.006 χ^2/NDF : 15172.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

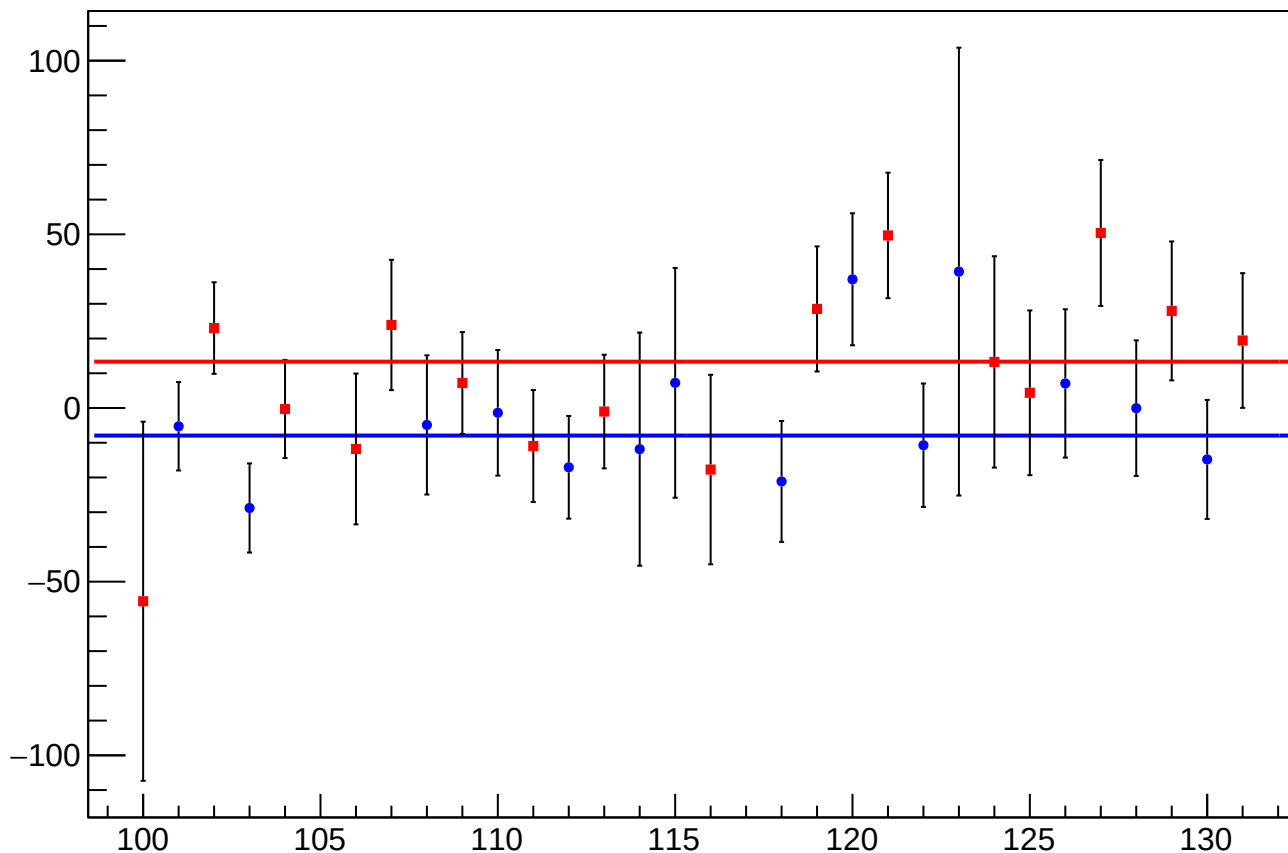
Right: 21.821+/-0.005 χ^2/NDF : 32143.8/29

In: 21.865+/-0.007 χ^2/NDF : 16891.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.821+/-0.005 χ^2/NDF : 32143.8/29

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.939 ± 4.886 χ^2/NDF : 11.0/13

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

Right Out: 13.342 ± 4.657 χ^2/NDF : 18.1/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

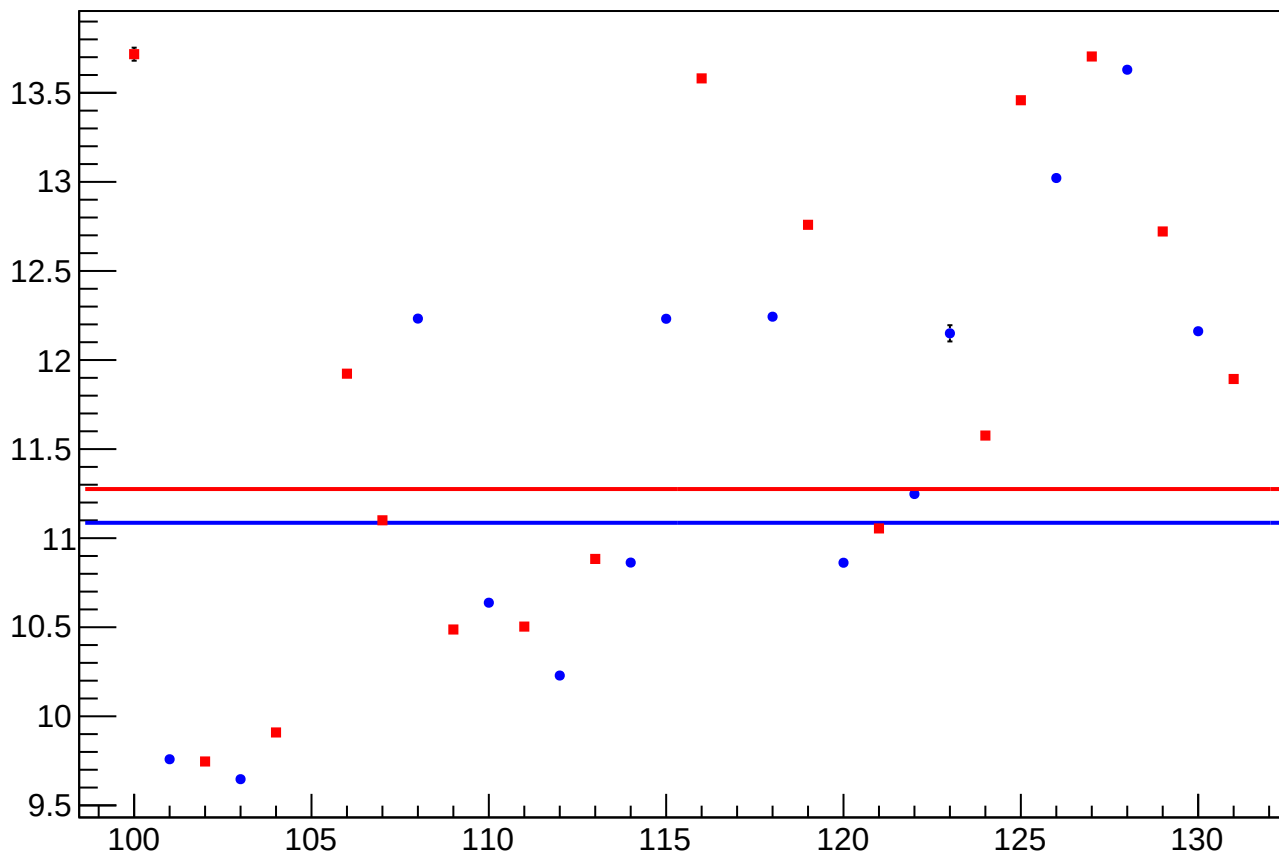
Right: 3.212 ± 3.371 χ^2/NDF : 39.0/29

In: -7.939 ± 4.886 χ^2/NDF : 11.0/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 3.212 ± 3.371 χ^2/NDF : 39.0/29

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 11.086 $\pm$ 0.003 χ^2 /NDF: 132043.5/13

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

Right Out: 11.276 $\pm$ 0.003 χ^2 /NDF: 148083.7/15

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

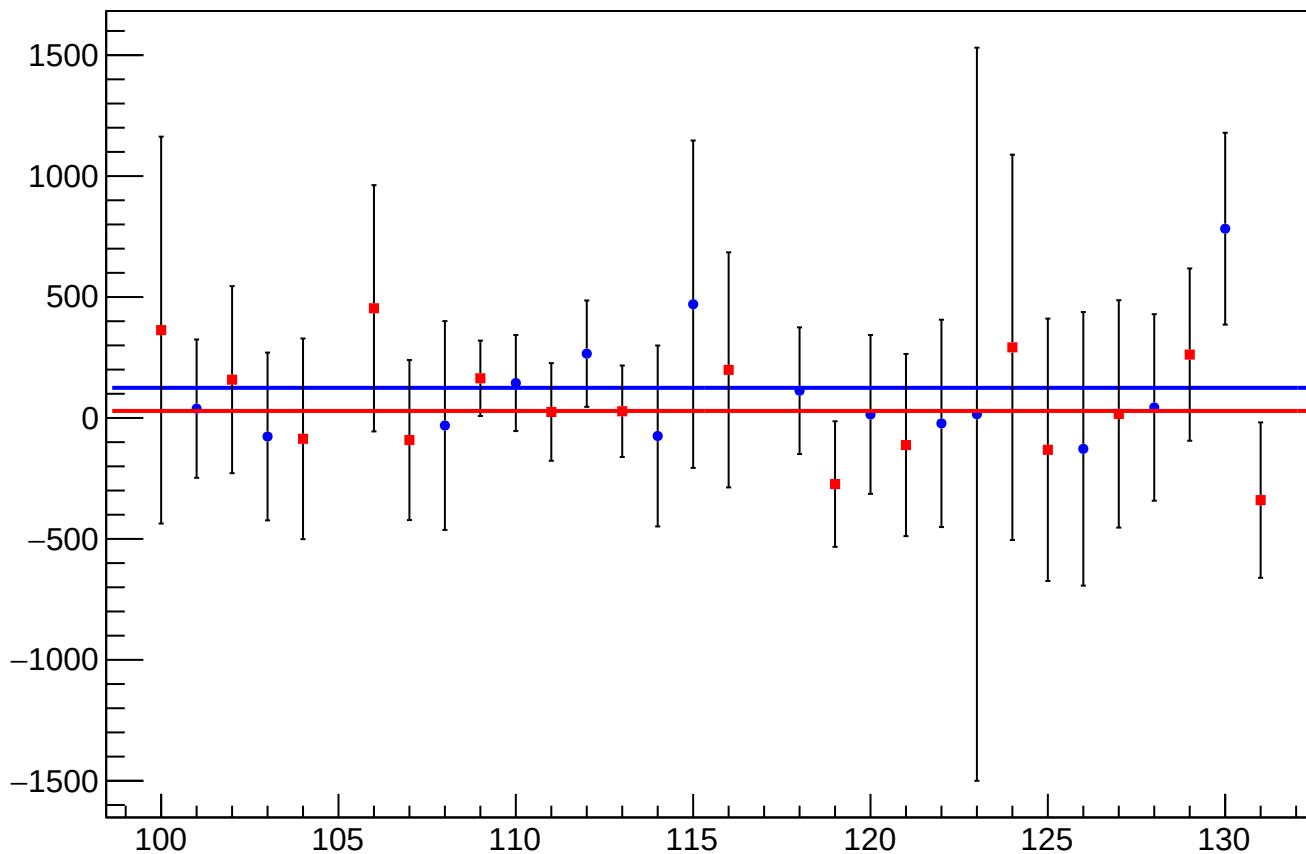
Right: 11.186 $\pm$ 0.002 χ^2 /NDF: 281703.0/29

In: 11.086 $\pm$ 0.003 χ^2 /NDF:132043.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 11.186 $\pm$ 0.002 χ^2 /NDF: 281703.0/29

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: 124.636 $\pm$ 88.658 χ^2 /NDF: 4.8/13

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

Right Out: 29.056 $\pm$ 75.814 χ^2 /NDF: 5.5/15

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

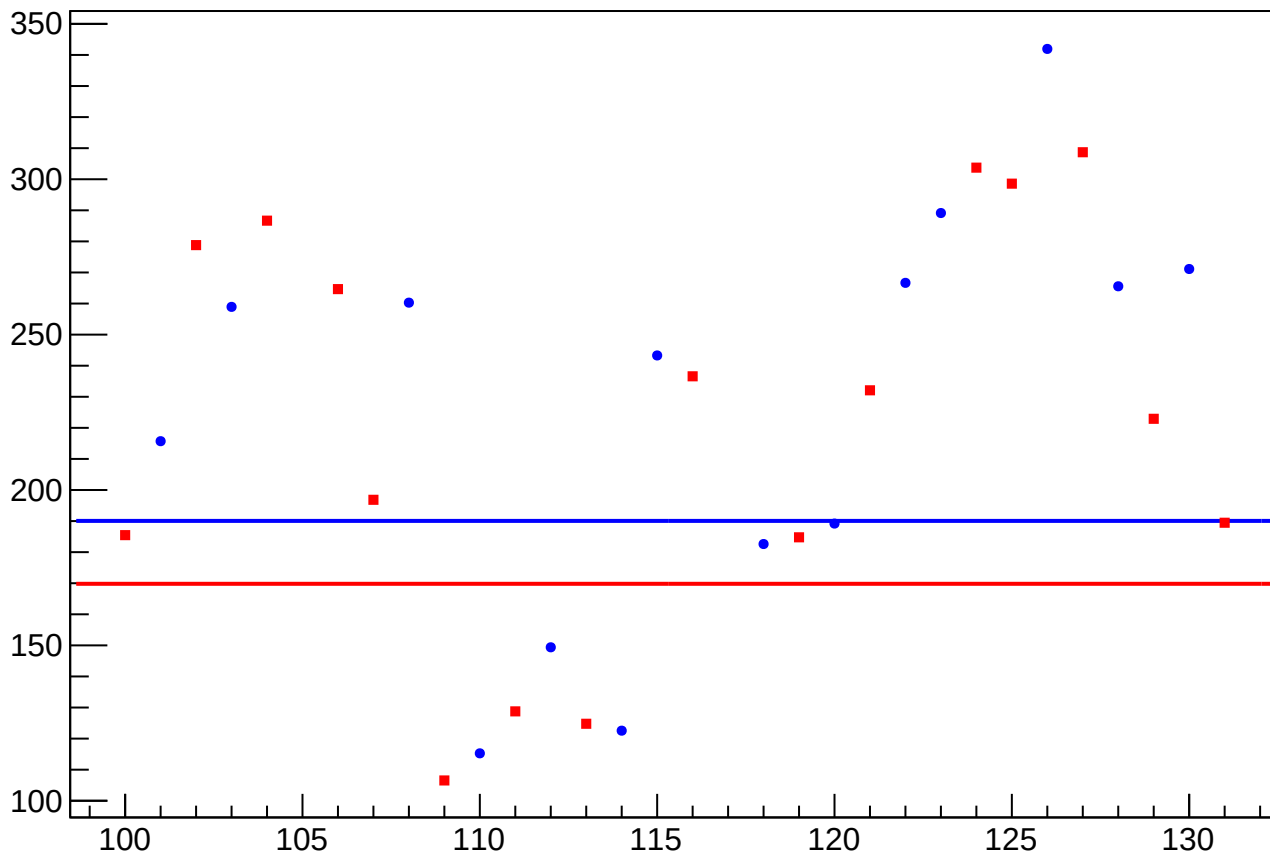
Right: 69.427 $\pm$ 57.620 χ^2 /NDF: 10.9/29

In: 124.636 $\pm$ 88.658 χ^2 /NDF:4.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 69.427 $\pm$ 57.620 χ^2 /NDF: 10.9/29

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 190.057+/-0.063 χ^2/NDF : 956202.6/13

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

Right Out: 169.815+/-0.054 χ^2/NDF : 1422310.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

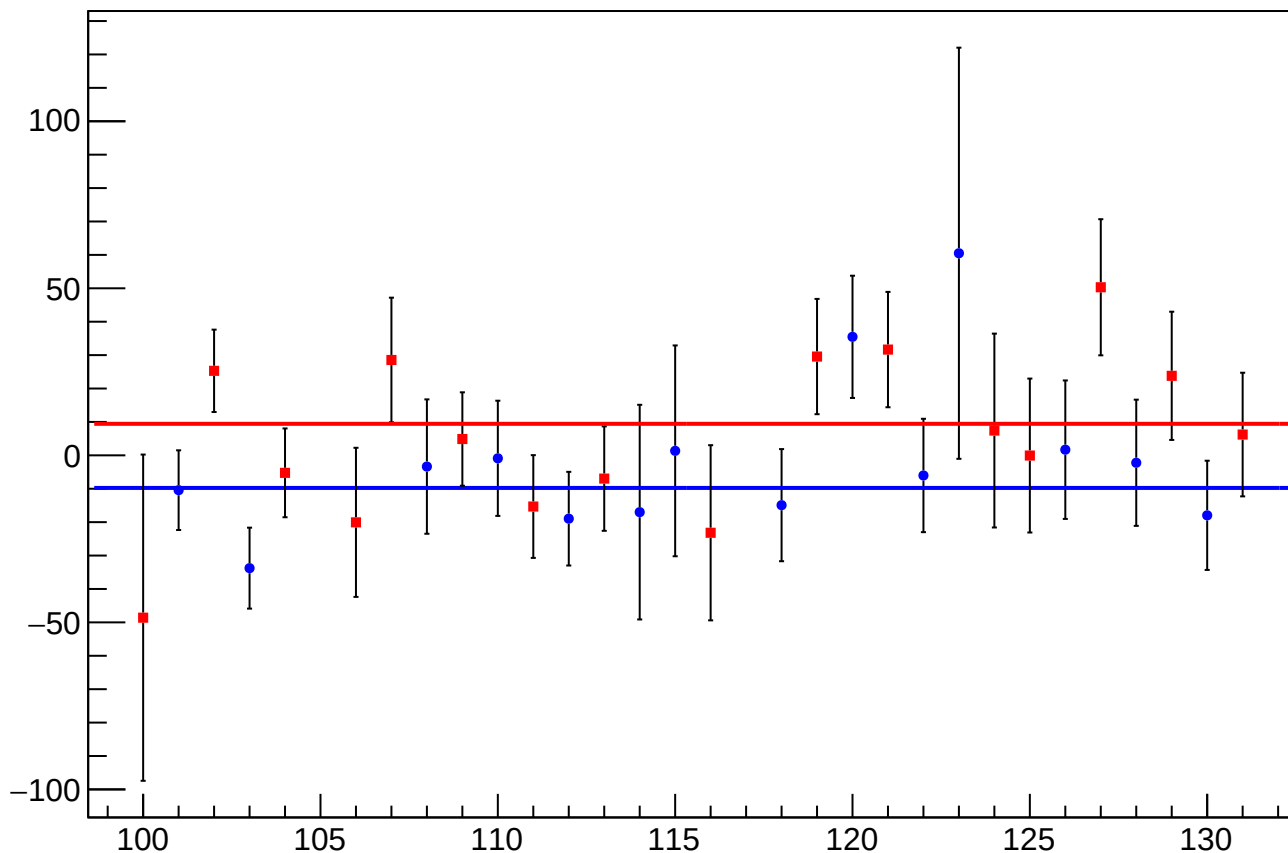
Right: 178.365+/-0.041 χ^2/NDF : 2438732.5/29

In: 190.057+/-0.063 χ^2/NDF : 956202.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.365+/-0.041 χ^2/NDF : 2438732.5/29

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -9.755±/4.668 χ^2/NDF : 13.2/13

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

Right Out: 9.437±/4.460 χ^2/NDF : 20.2/15

Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

Left: 0.000±/0.000 χ^2/NDF : 0.0/0

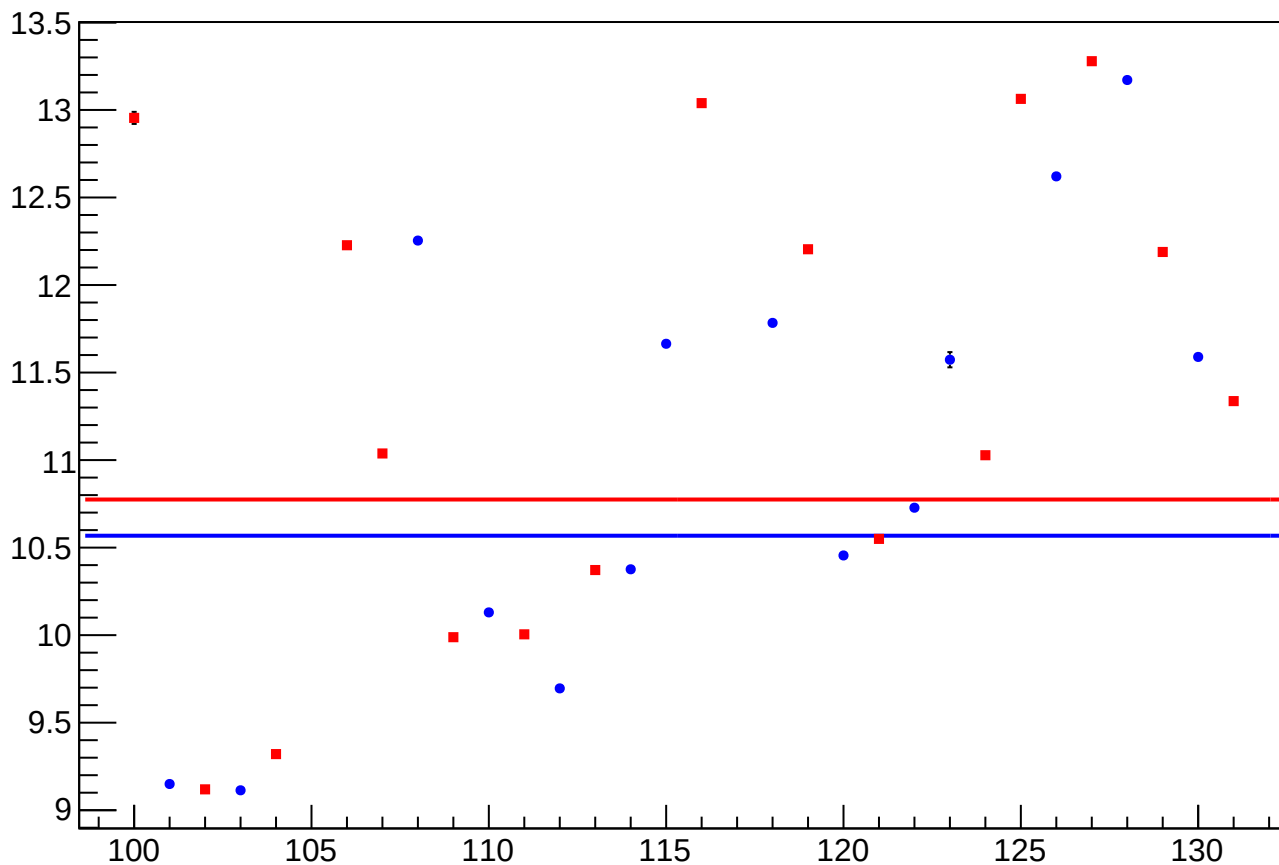
Right: 0.278±/3.225 χ^2/NDF : 42.2/29

In: -9.755±/4.668 χ^2/NDF : 13.2/13

Out: 0.000±/0.000 χ^2/NDF : 0.0/0

All: 0.278±/3.225 χ^2/NDF : 42.2/29

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.568+/-0.003 χ^2/NDF : 159345.2/13

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

Right Out: 10.775+/-0.003 χ^2/NDF : 177315.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

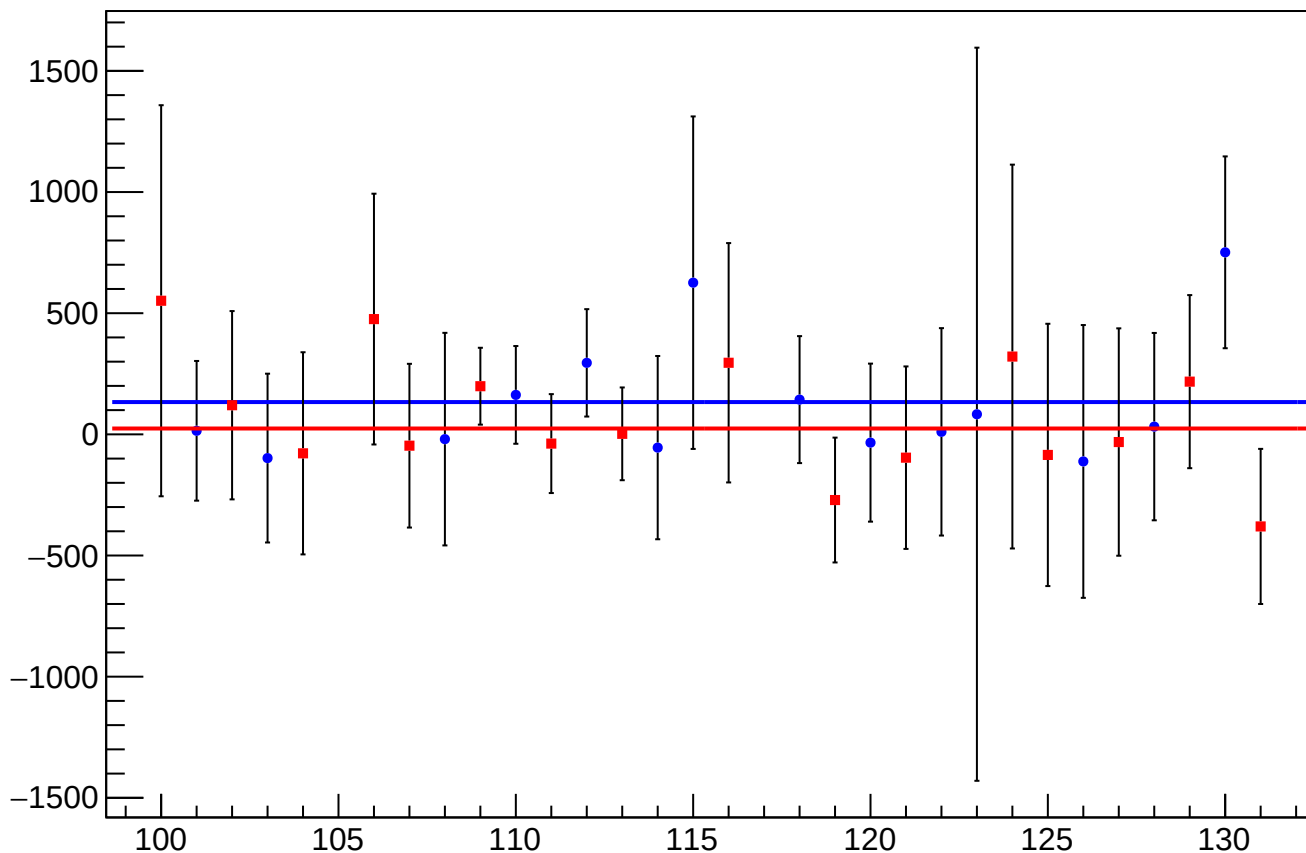
Right: 10.676+/-0.002 χ^2/NDF : 338712.2/29

In: 10.568+/-0.003 χ^2/NDF : 159345.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.676+/-0.002 χ^2/NDF : 338712.2/29

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 133.255+/-89.214 χ^2/NDF : 5.1/13

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

Right Out: 24.137+/-76.513 χ^2/NDF : 6.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

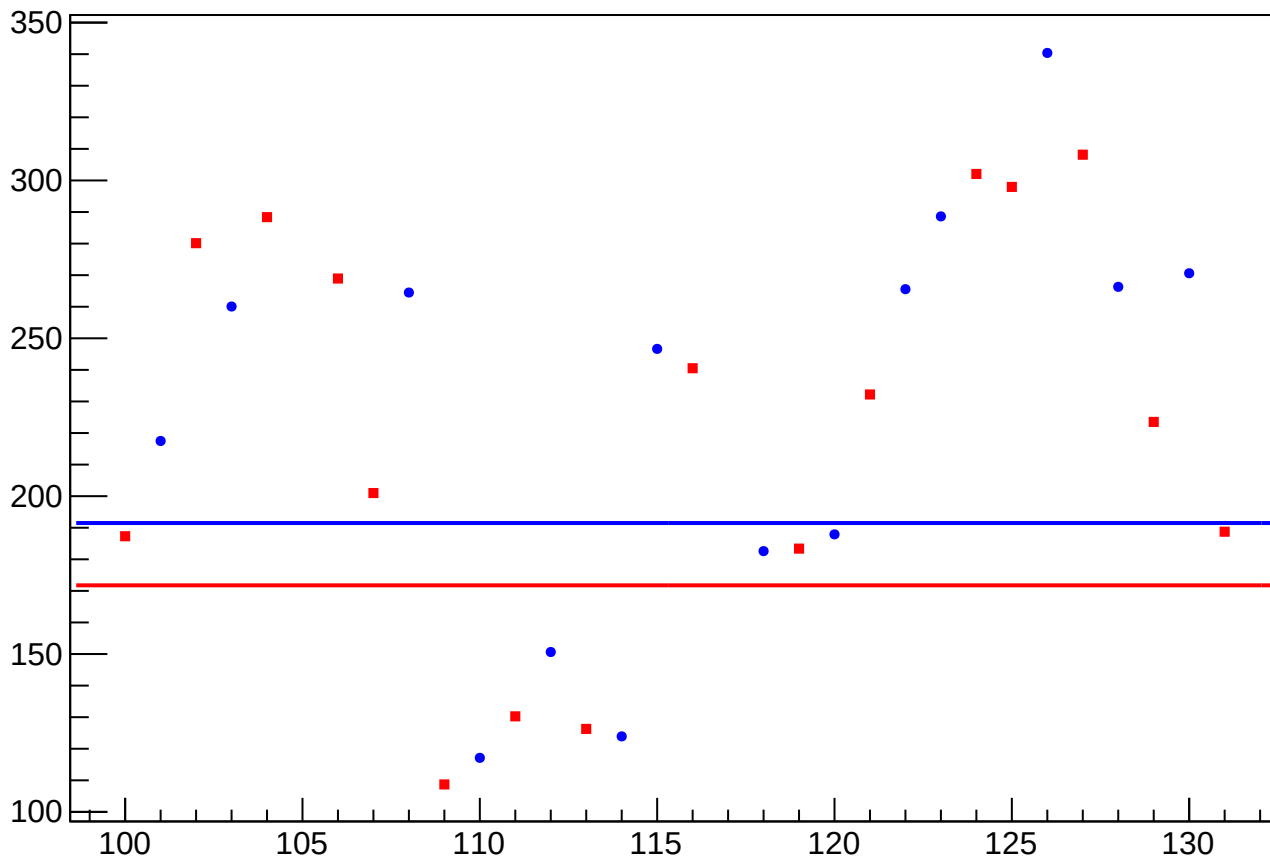
Right: 70.382+/-58.079 χ^2/NDF : 12.4/29

In: 133.255+/-89.214 χ^2/NDF : 5.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.382+/-58.079 χ^2/NDF : 12.4/29

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 191.495+/-0.063 χ^2/NDF : 931397.9/13

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

Right Out: 171.761+/-0.054 χ^2/NDF : 1383707.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

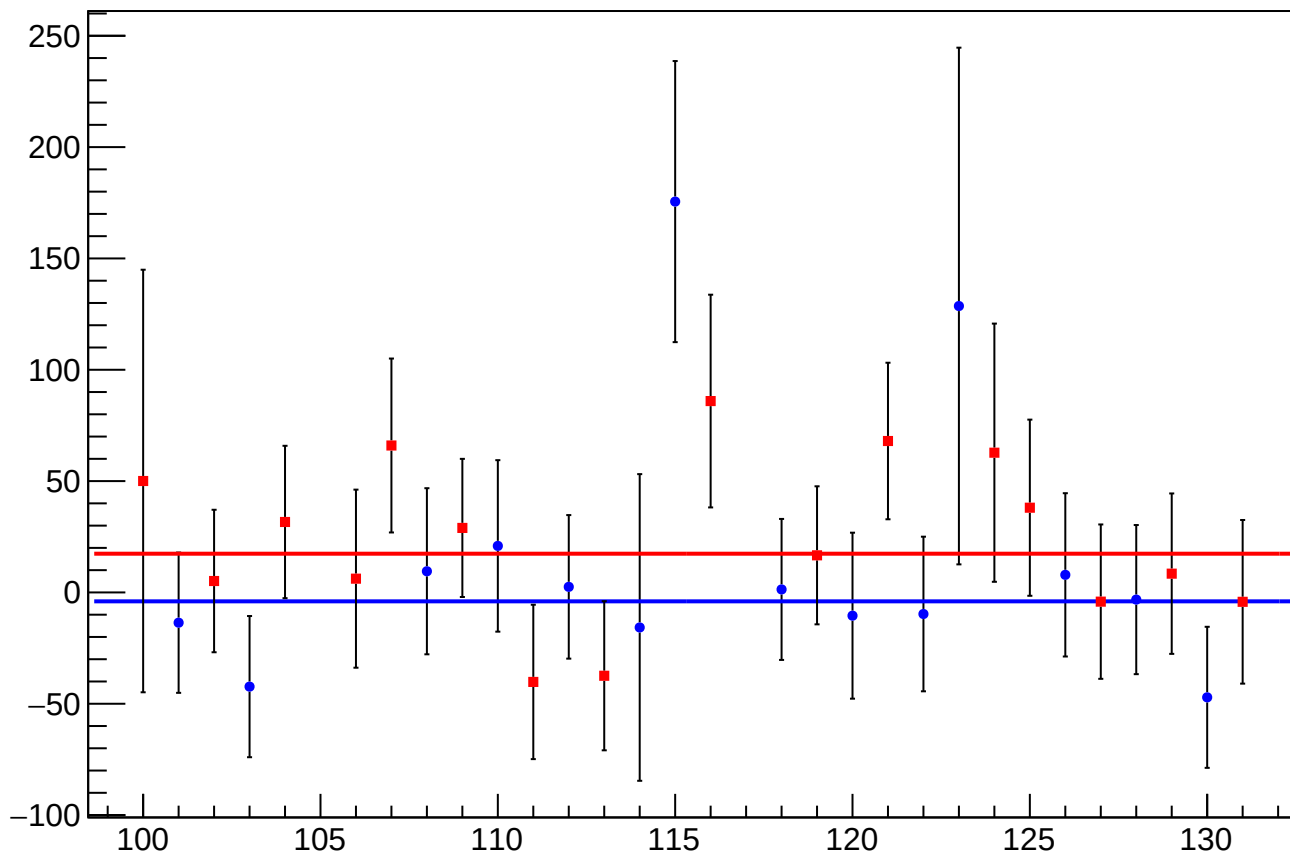
Right: 180.124+/-0.041 χ^2/NDF : 2371492.0/29

In: 191.495+/-0.063 χ^2/NDF : 931397.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.124+/-0.041 χ^2/NDF : 2371492.0/29

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.005+/-9.964 χ^2/NDF : 13.6/13

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

Right Out: 17.389+/-9.303 χ^2/NDF : 13.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

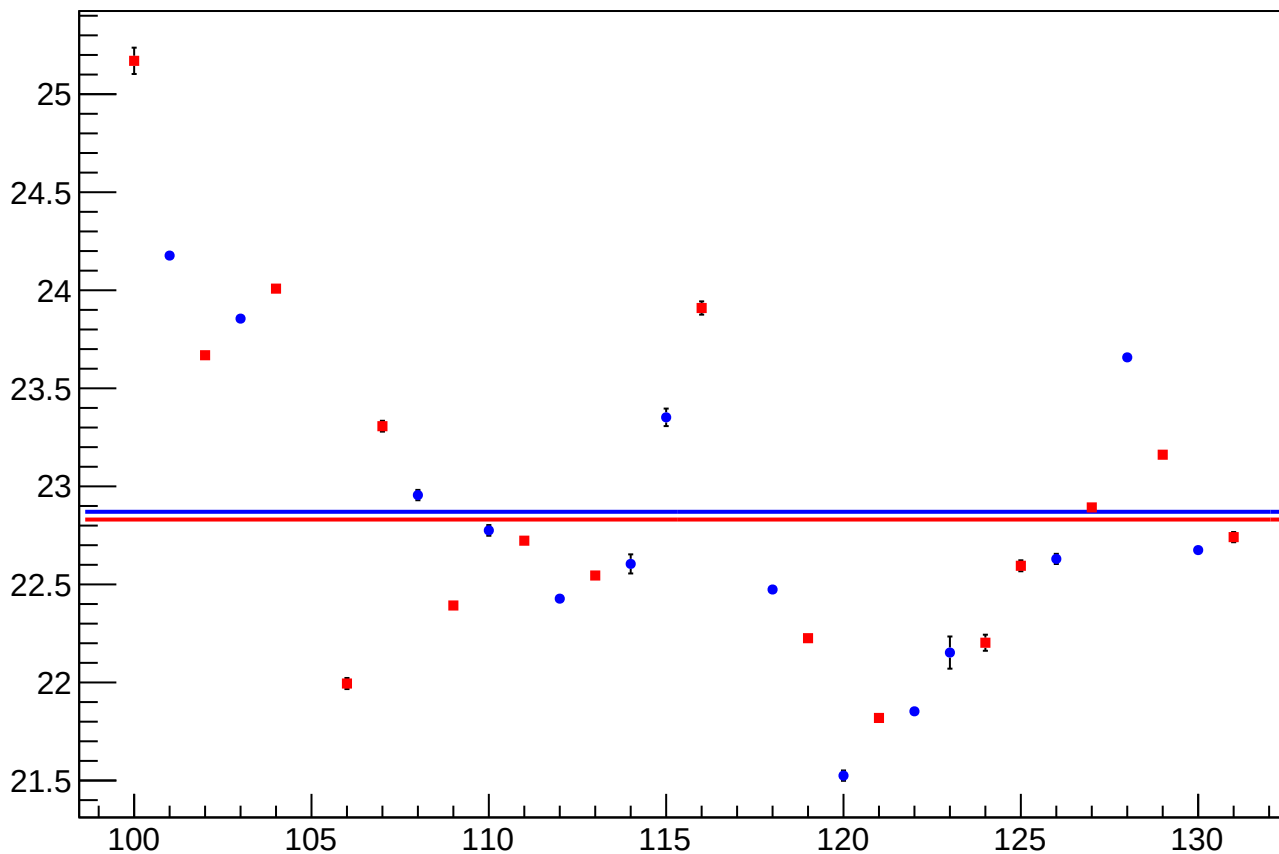
Right: 7.425+/-6.800 χ^2/NDF : 29.5/29

In: -4.005+/-9.964 χ^2/NDF : 13.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.425+/-6.800 χ^2/NDF : 29.5/29

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.870+/-0.007 χ^2/NDF : 11896.9/13

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

Right Out: 22.831+/-0.007 χ^2/NDF : 10622.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

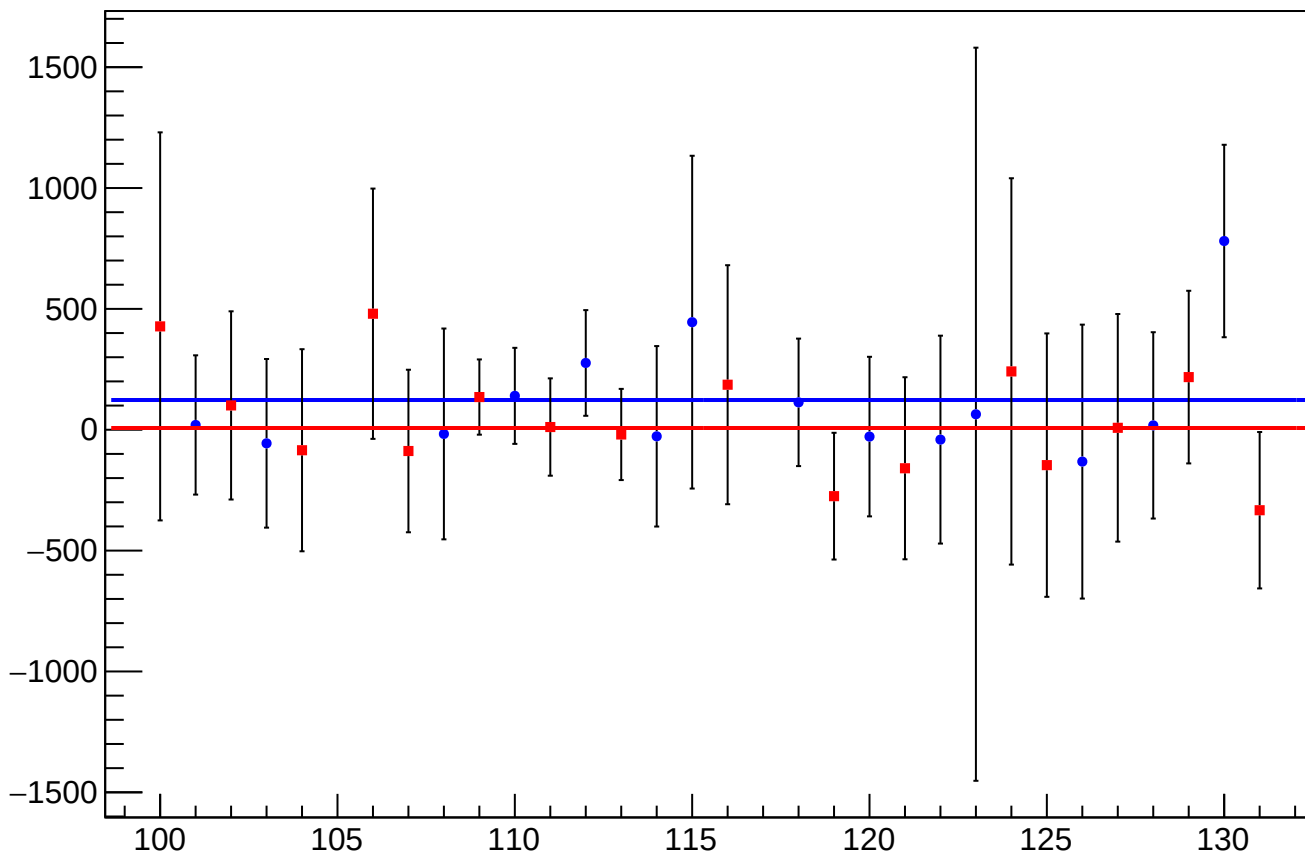
Right: 22.849+/-0.005 χ^2/NDF : 22536.3/29

In: 22.870+/-0.007 χ^2/NDF : 11896.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.849+/-0.005 χ^2/NDF : 22536.3/29

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 123.031 $\pm$ 88.867 χ^2 /NDF: 4.7/13

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

Right Out: 7.234 $\pm$ 76.024 χ^2 /NDF: 5.1/15

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

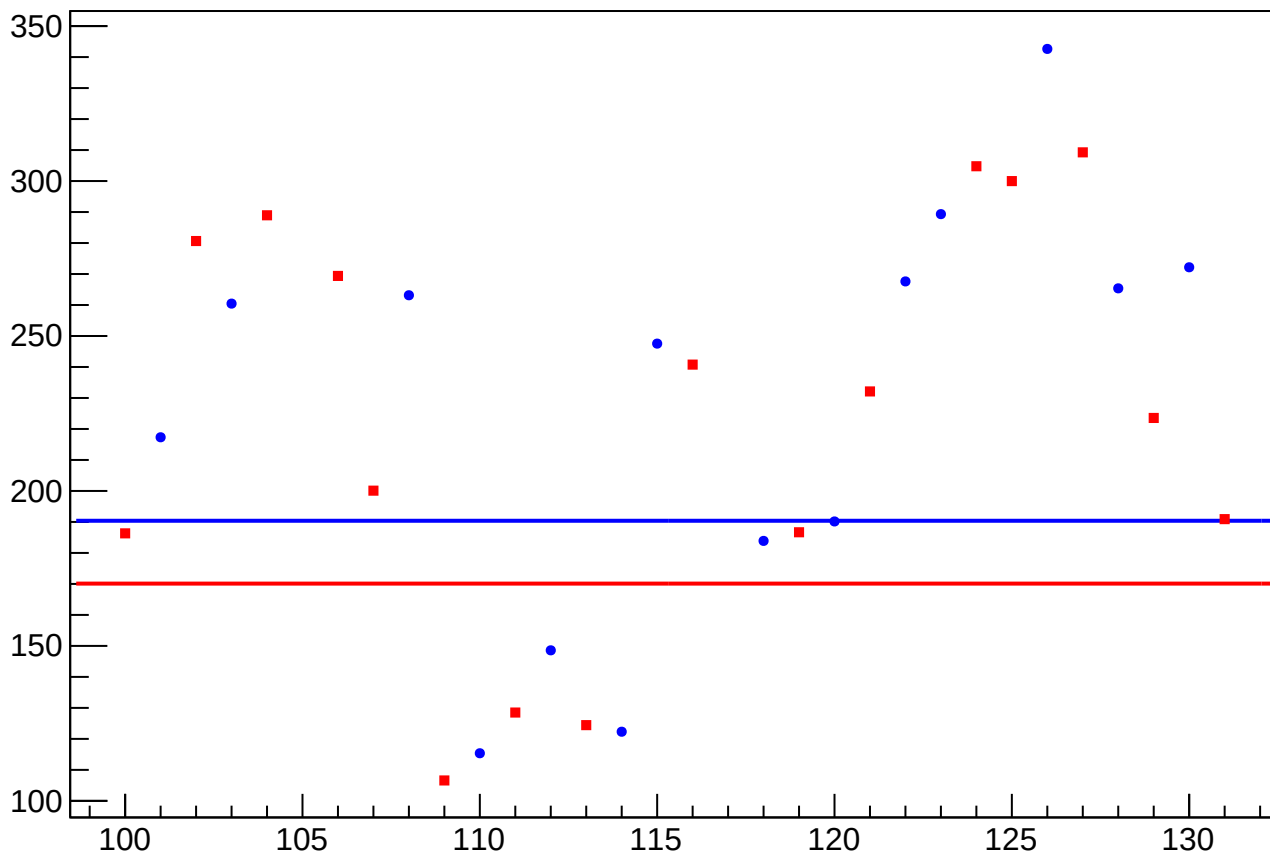
Right: 56.168 $\pm$ 57.769 χ^2 /NDF: 10.8/29

In: 123.031 $\pm$ 88.867 χ^2 /NDF:4.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 56.168 $\pm$ 57.769 χ^2 /NDF: 10.8/29

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 190.381+/-0.063 χ^2/NDF : 971171.7/13

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

Right Out: 170.105+/-0.054 χ^2/NDF : 1449981.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

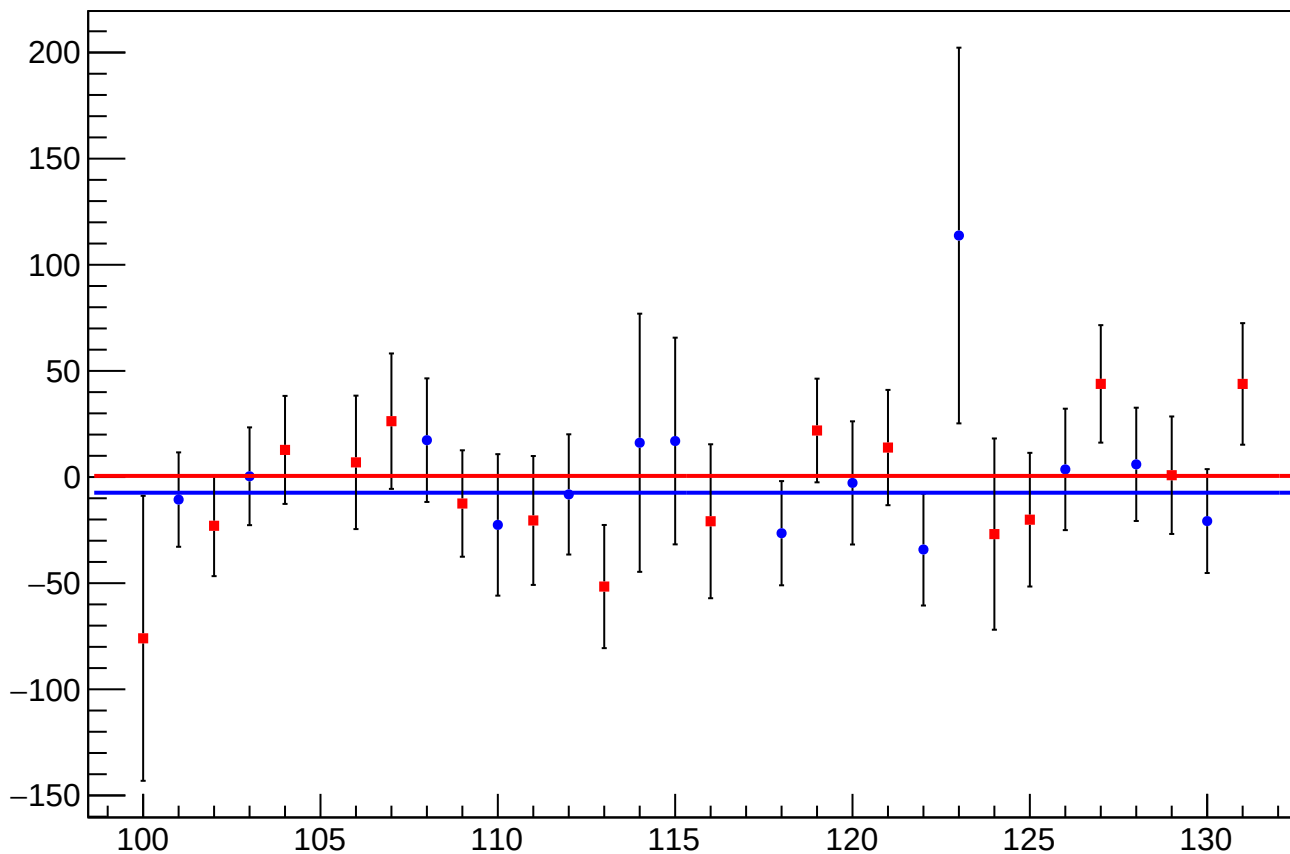
Right: 178.673+/-0.041 χ^2/NDF : 2481268.8/29

In: 190.381+/-0.063 χ^2/NDF : 971171.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.673+/-0.041 χ^2/NDF : 2481268.8/29

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.384+/-7.753 χ^2/NDF : 5.7/13

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

Right Out: 0.531+/-7.347 χ^2/NDF : 14.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

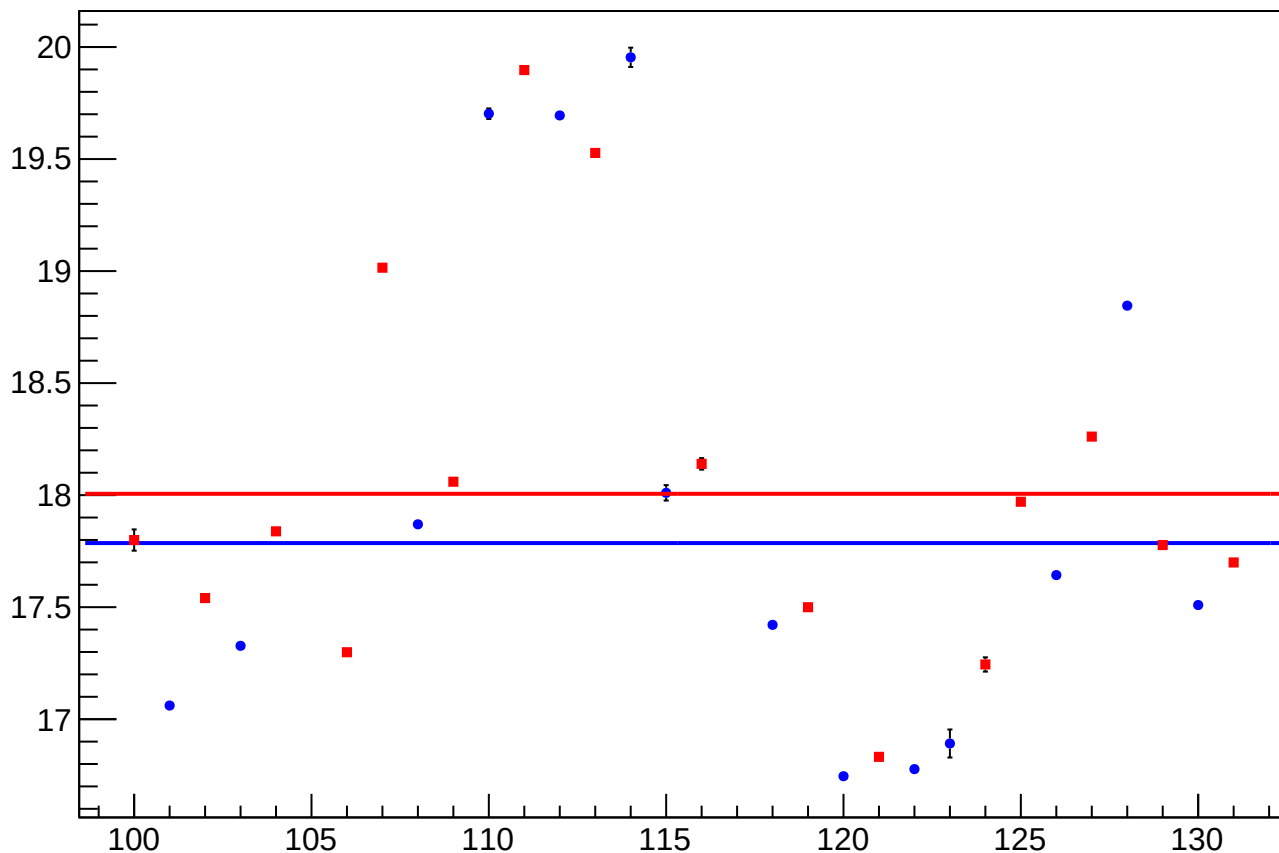
Right: -3.214+/-5.333 χ^2/NDF : 20.3/29

In: -7.384+/-7.753 χ^2/NDF : 5.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.214+/-5.333 χ^2/NDF : 20.3/29

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.786+/-0.005 χ^2/NDF : 30819.0/13

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

Right Out: 18.006+/-0.005 χ^2/NDF : 22890.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

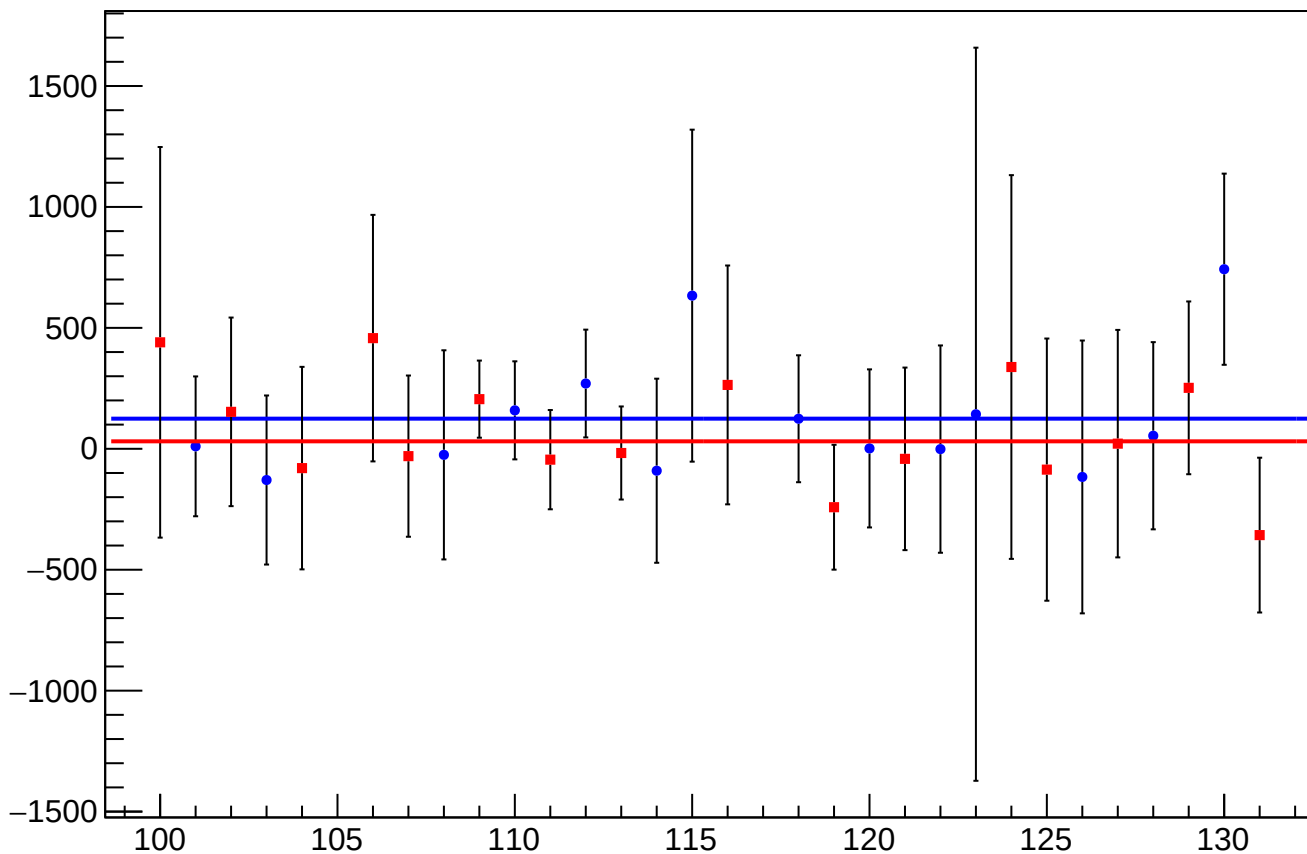
Right: 17.902+/-0.004 χ^2/NDF : 54557.6/29

In: 17.786+/-0.005 χ^2/NDF : 30819.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.902+/-0.004 χ^2/NDF : 54557.6/29

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 124.630+/-89.443 χ^2/NDF : 5.0/13

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

Right Out: 30.886+/-76.696 χ^2/NDF : 6.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

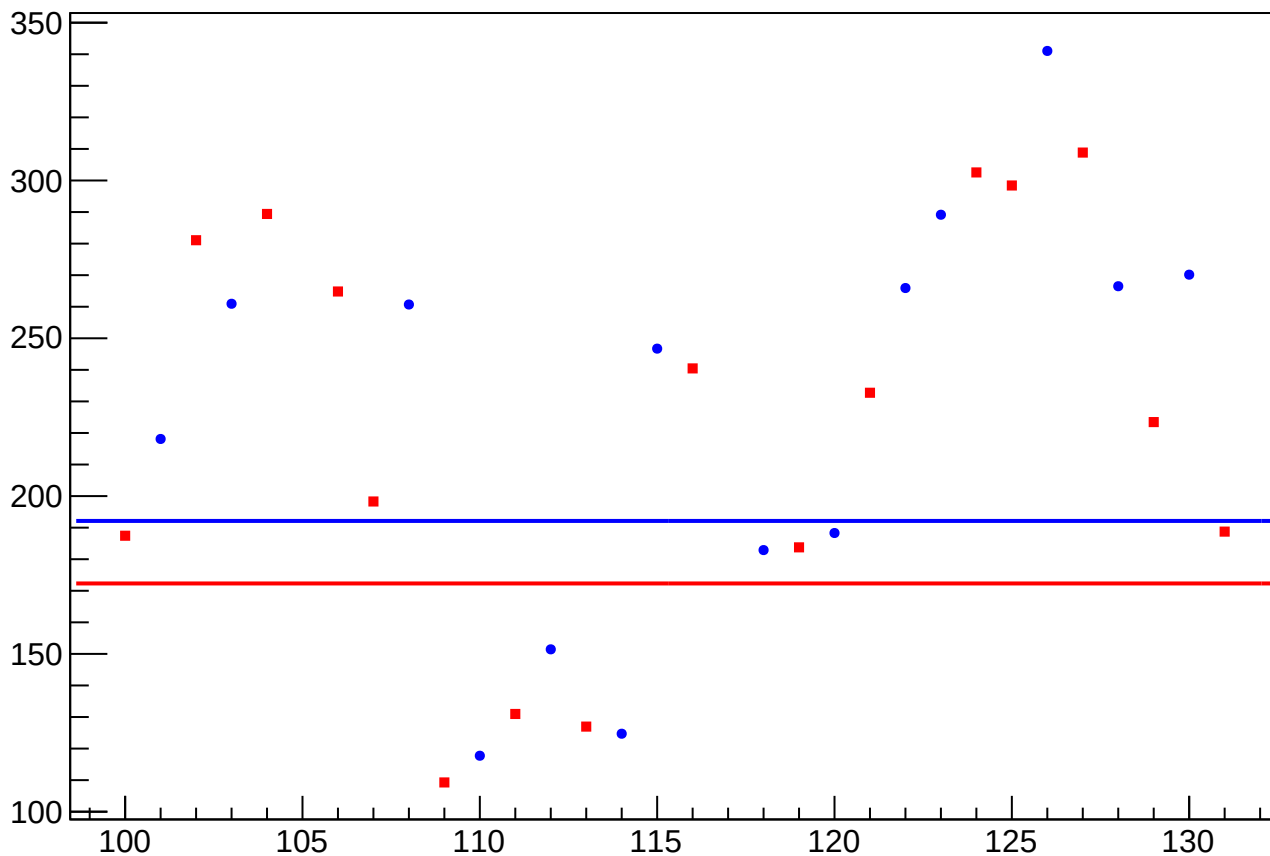
Right: 70.607+/-58.222 χ^2/NDF : 11.6/29

In: 124.630+/-89.443 χ^2/NDF : 5.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.607+/-58.222 χ^2/NDF : 11.6/29

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 192.130+/-0.063 χ^2/NDF : 916981.1/13

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

Right Out: 172.320+/-0.054 χ^2/NDF : 1366088.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

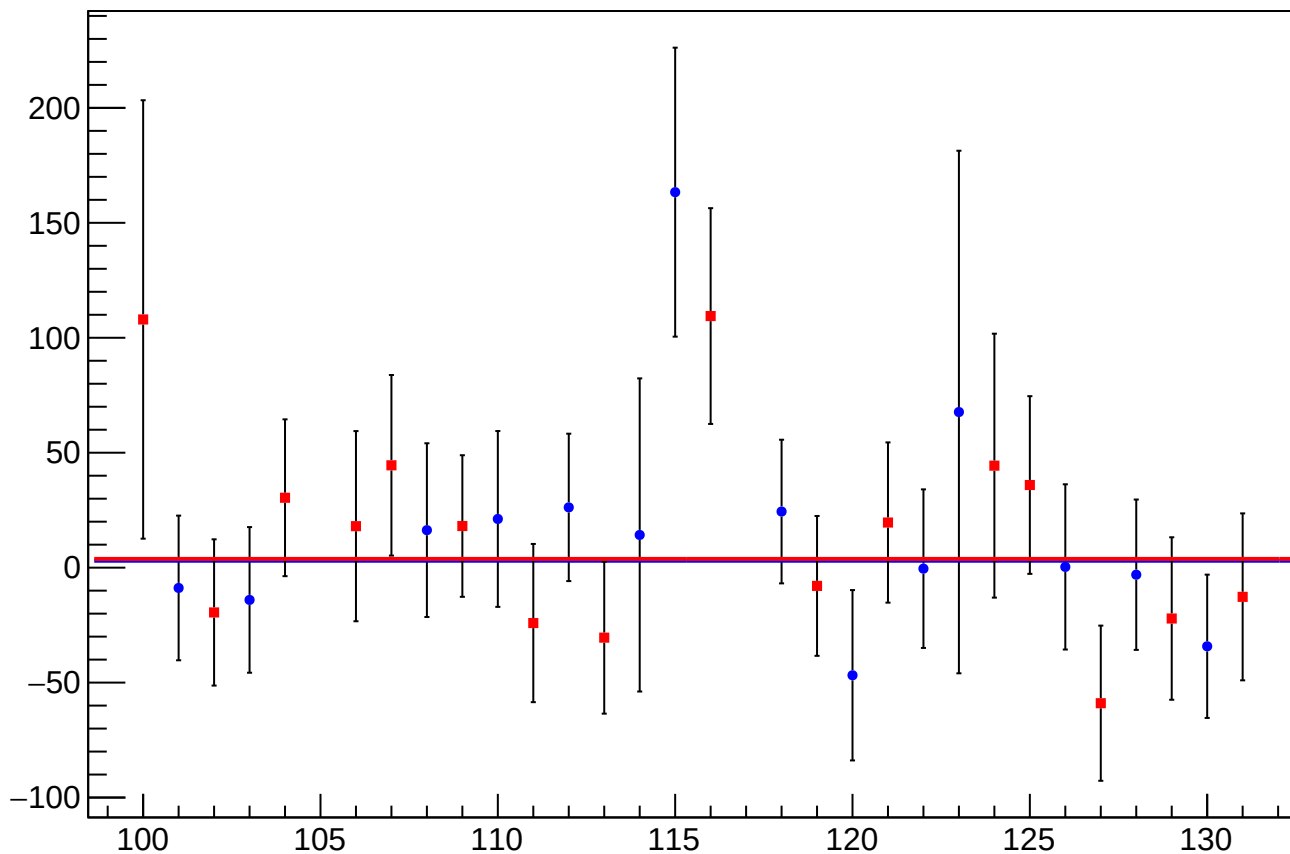
Right: 180.714+/-0.041 χ^2/NDF : 2339605.4/29

In: 192.130+/-0.063 χ^2/NDF : 916981.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.714+/-0.041 χ^2/NDF : 2339605.4/29

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.015+/-9.881 χ^2/NDF : 11.9/13

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

Right Out: 3.800+/-9.216 χ^2/NDF : 16.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

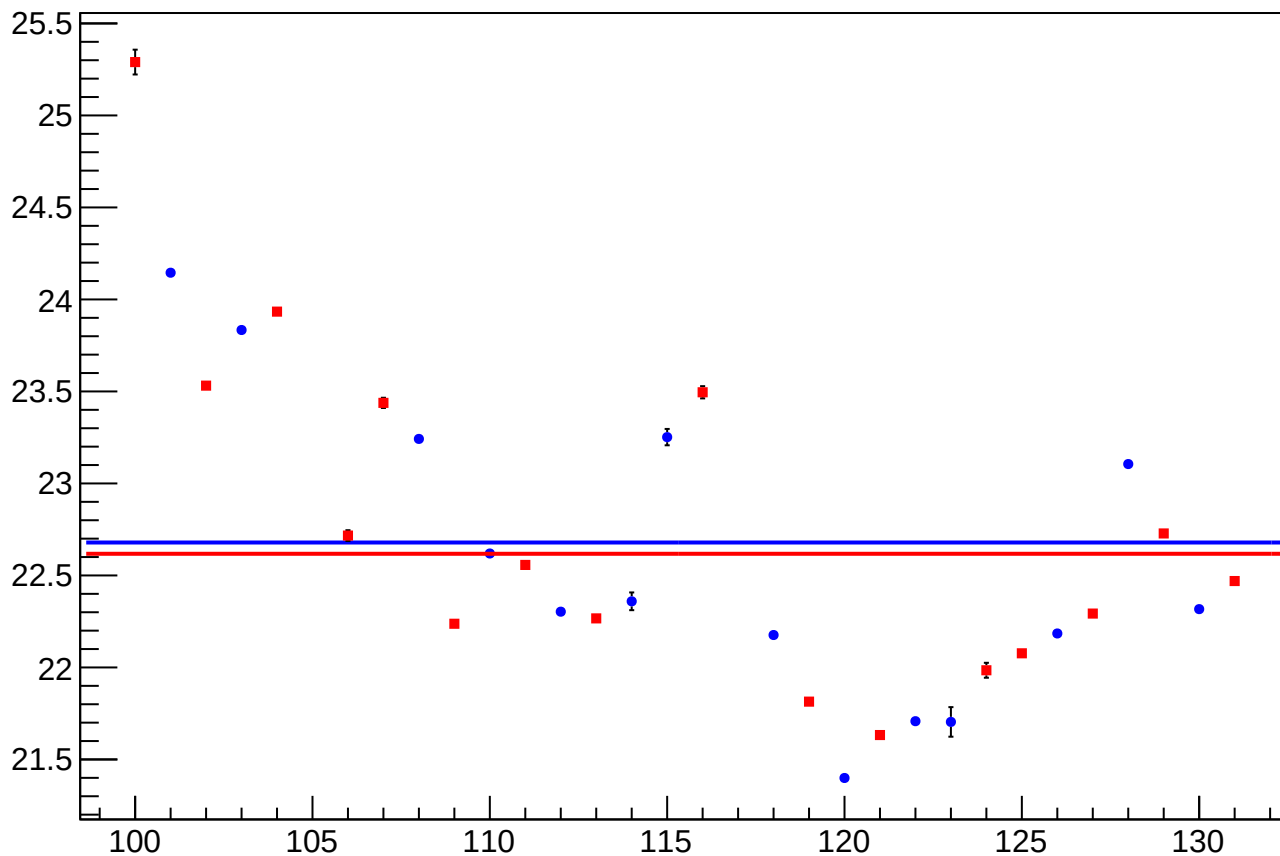
Right: 3.435+/-6.740 χ^2/NDF : 28.2/29

In: 3.015+/-9.881 χ^2/NDF : 11.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.435+/-6.740 χ^2/NDF : 28.2/29

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.679+/-0.007 χ^2/NDF : 13560.1/13

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

Right Out: 22.618+/-0.007 χ^2/NDF : 12184.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

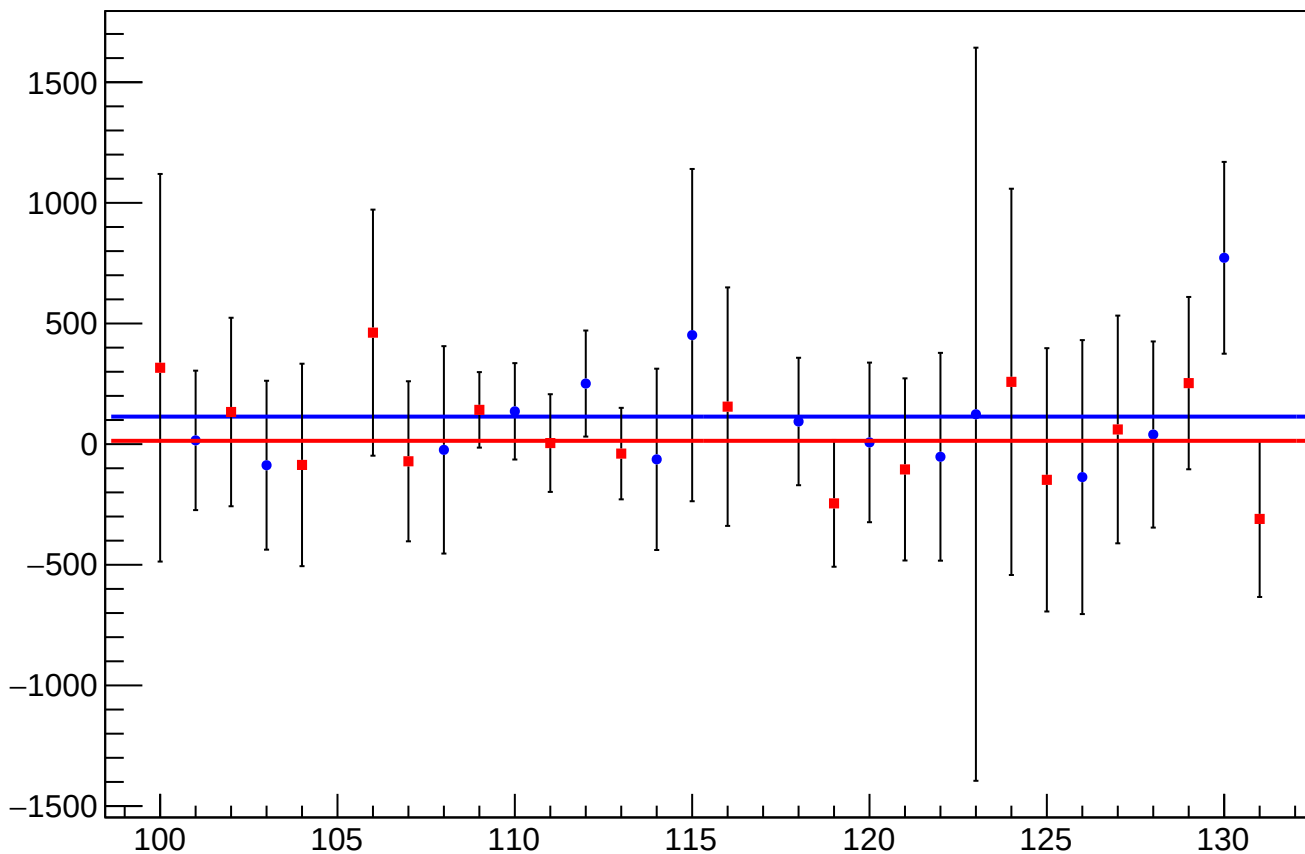
Right: 22.646+/-0.005 χ^2/NDF : 25786.1/29

In: 22.679+/-0.007 χ^2/NDF : 13560.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.646+/-0.005 χ^2/NDF : 25786.1/29

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 114.115+/-89.100 χ^2/NDF : 4.6/13

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

Right Out: 13.761+/-76.213 χ^2/NDF : 4.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

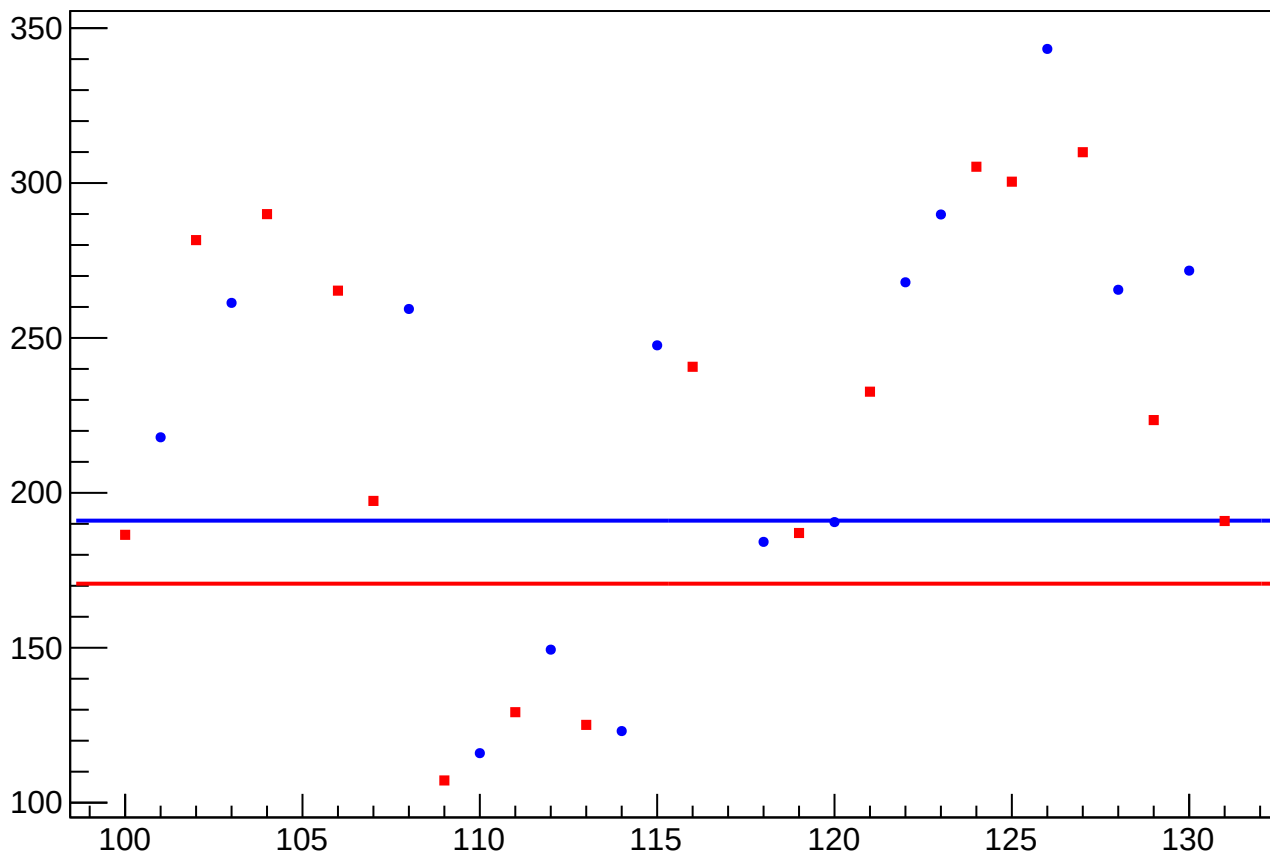
Right: 56.162+/-57.916 χ^2/NDF : 10.1/29

In: 114.115+/-89.100 χ^2/NDF : 4.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.162+/-57.916 χ^2/NDF : 10.1/29

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 191.029+/-0.063 χ^2/NDF : 956090.0/13

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

Right Out: 170.683+/-0.054 χ^2/NDF : 1431496.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

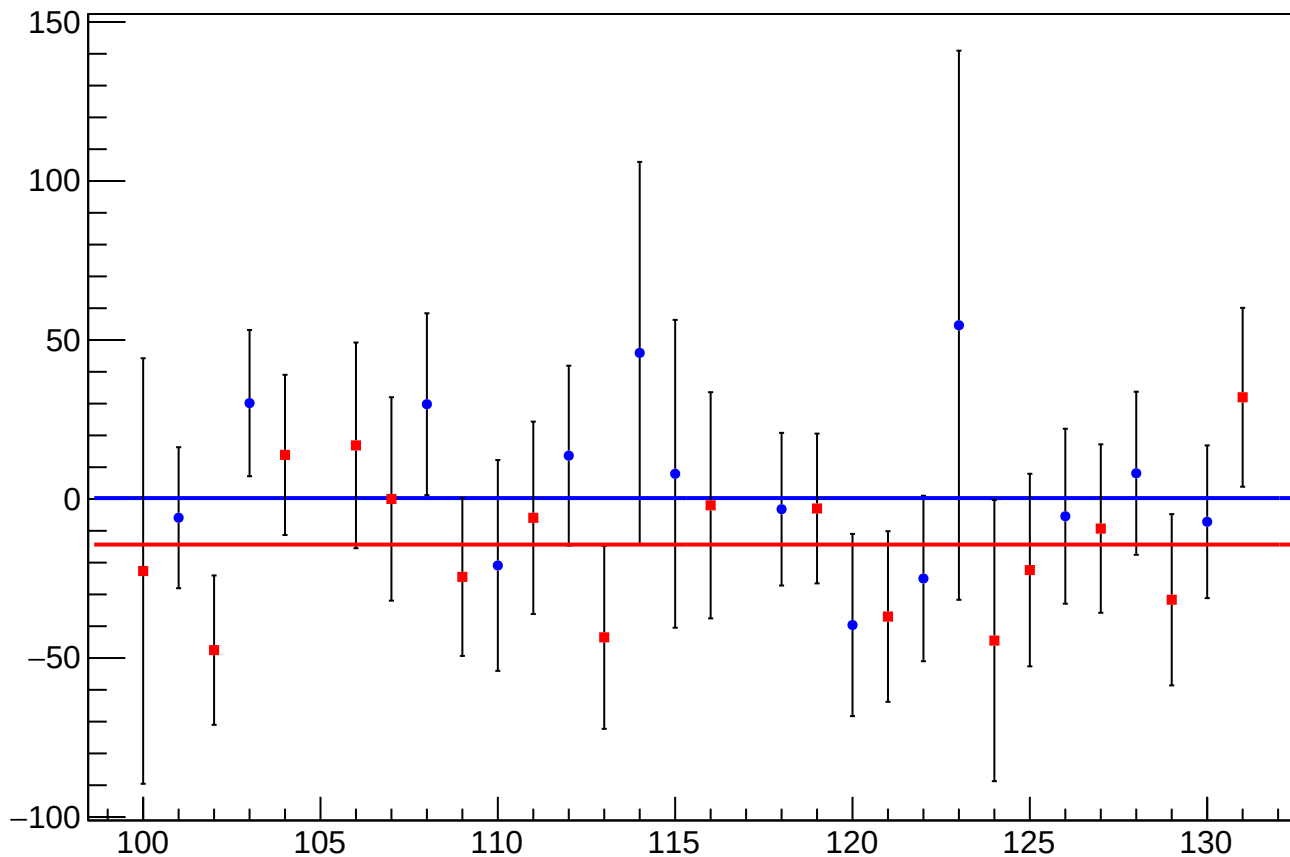
Right: 179.280+/-0.041 χ^2/NDF : 2447810.4/29

In: 191.029+/-0.063 χ^2/NDF : 956090.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.280+/-0.041 χ^2/NDF : 2447810.4/29

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.292 ± 7.635 $\chi^2/\text{NDF}: 7.6/13$

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

Right Out: -14.322 ± 7.232 $\chi^2/\text{NDF}: 10.4/15$

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

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

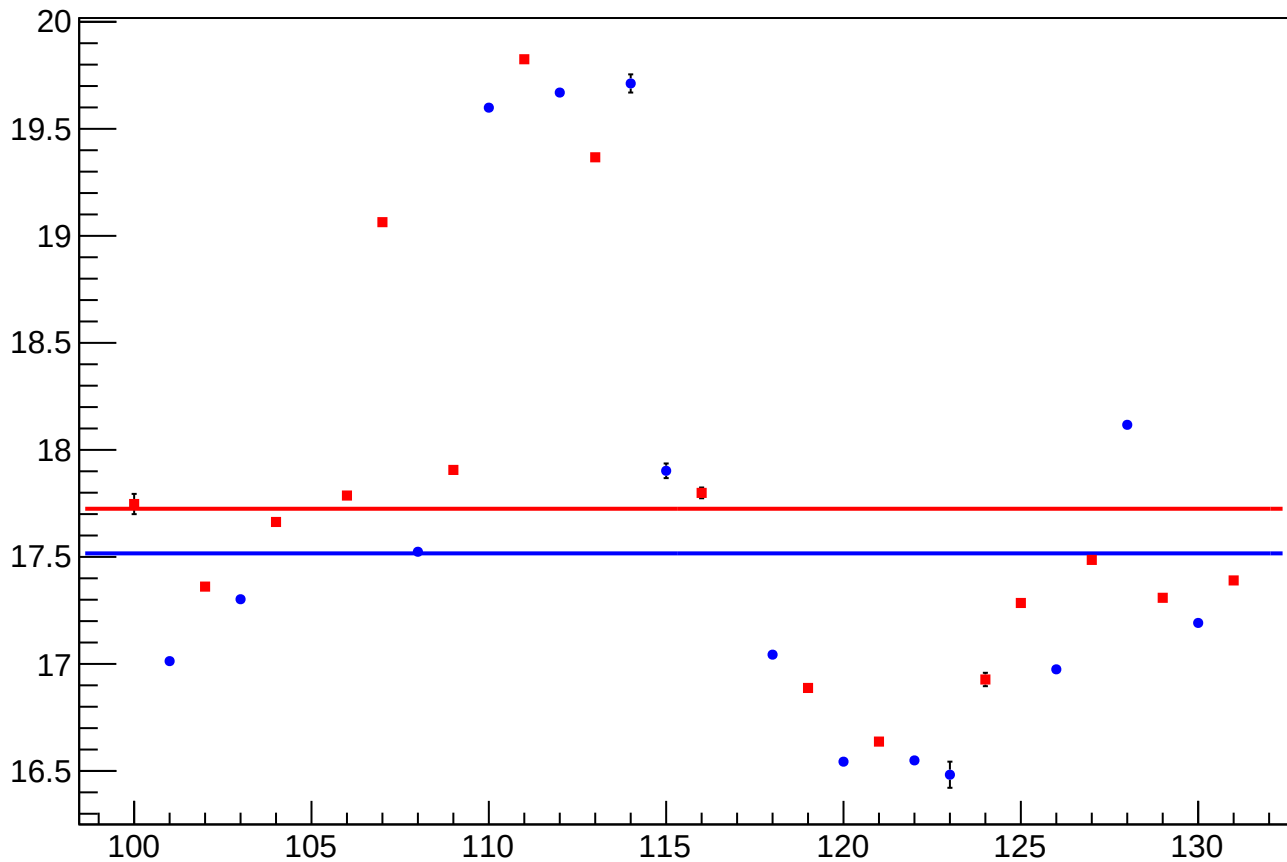
Right: -7.411 ± 5.250 $\chi^2/\text{NDF}: 20.0/29$

In: 0.292 ± 7.635 $\chi^2/\text{NDF}: 7.6/13$

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

All: -7.411 ± 5.250 $\chi^2/\text{NDF}: 20.0/29$

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.517+/-0.005 χ^2/NDF : 31861.7/13

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

Right Out: 17.725+/-0.005 χ^2/NDF : 28091.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

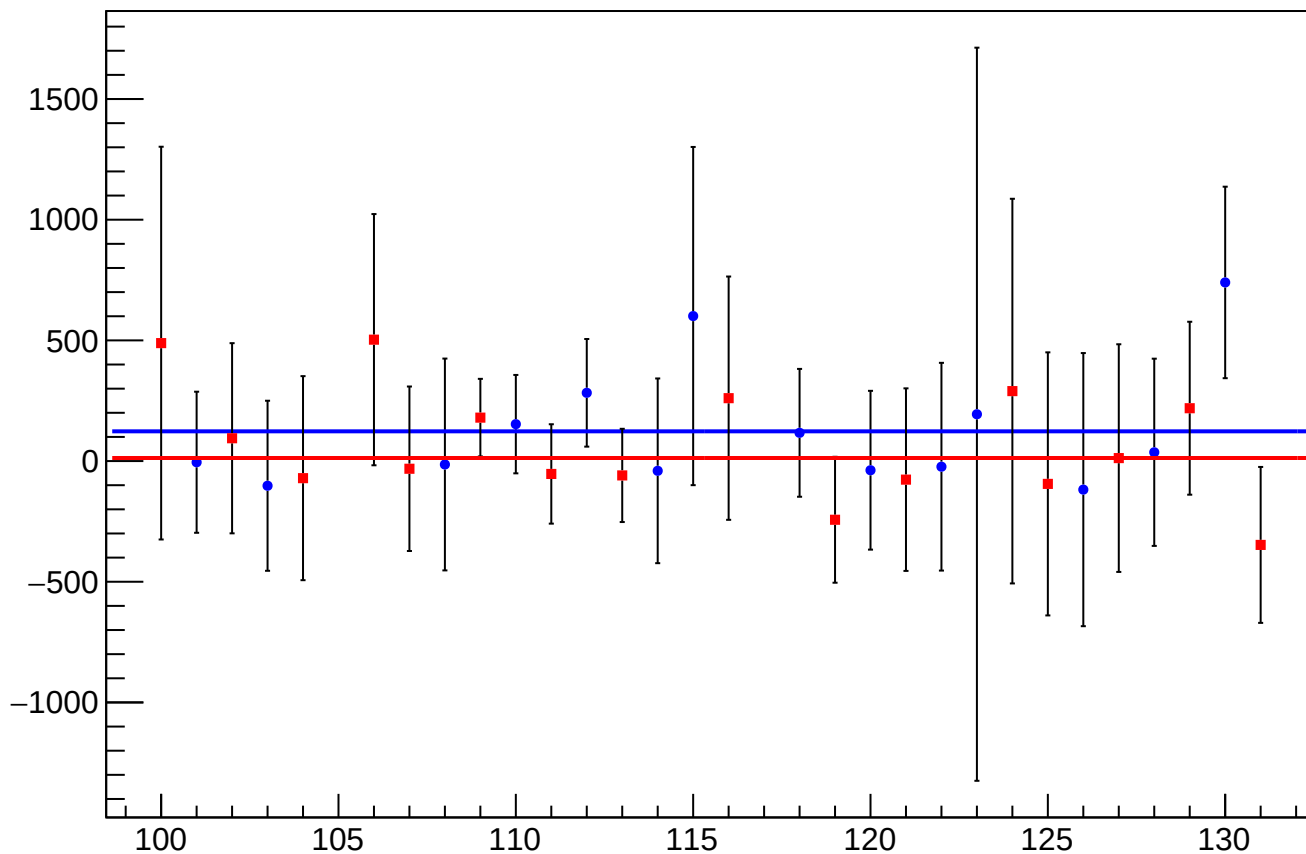
Right: 17.626+/-0.004 χ^2/NDF : 60738.6/29

In: 17.517+/-0.005 χ^2/NDF : 31861.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.626+/-0.004 χ^2/NDF : 60738.6/29

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 123.214 $\pm$ 89.997 χ^2 /NDF: 4.9/13

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

Right Out: 12.733 $\pm$ 77.287 χ^2 /NDF: 5.6/15

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

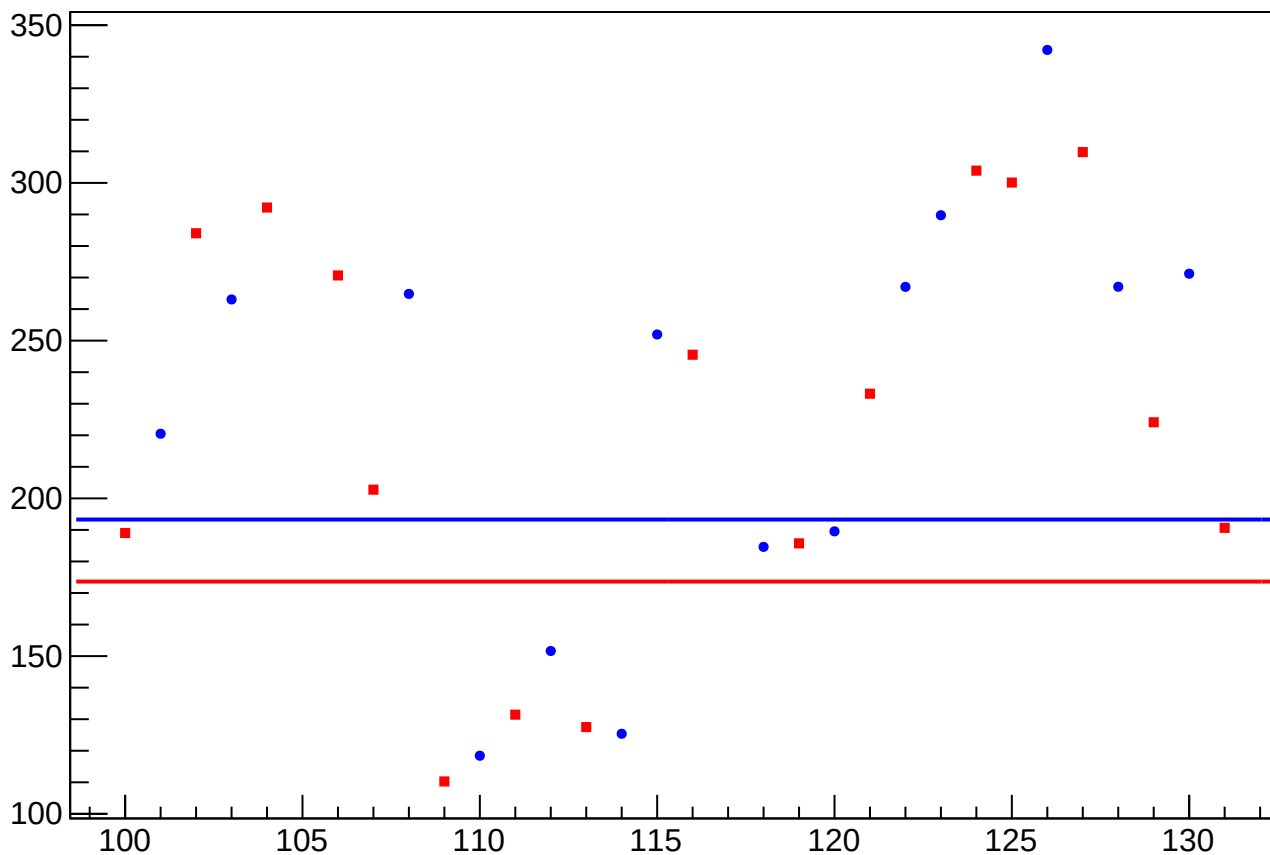
Right: 59.628 $\pm$ 58.634 χ^2 /NDF: 11.4/29

In: 123.214 $\pm$ 89.997 χ^2 /NDF:4.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 59.628 $\pm$ 58.634 χ^2 /NDF: 11.4/29

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 193.294+/-0.064 χ^2/NDF : 922740.3/13

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

Right Out: 173.630+/-0.055 χ^2/NDF : 1375963.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

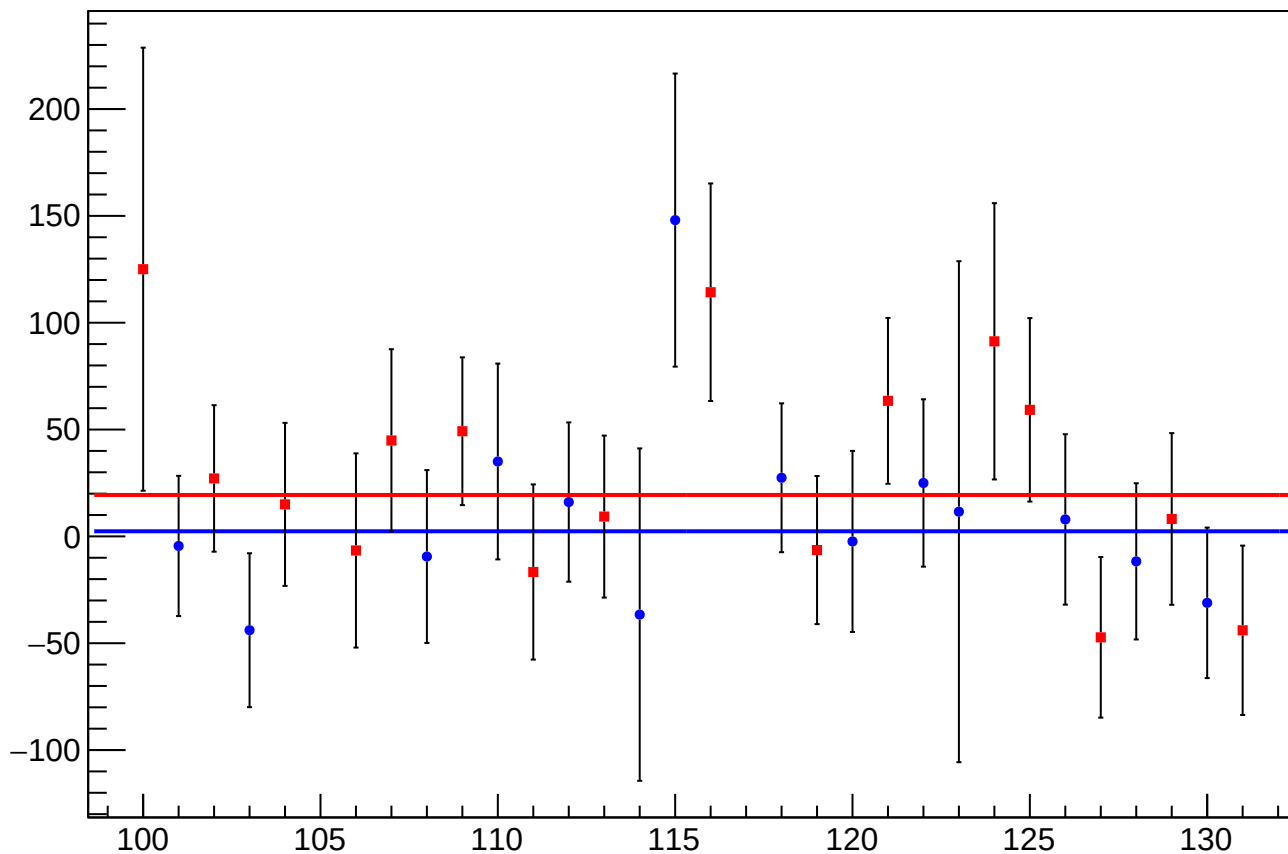
Right: 181.977+/-0.041 χ^2/NDF : 2353654.3/29

In: 193.294+/-0.064 χ^2/NDF : 922740.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.977+/-0.041 χ^2/NDF : 2353654.3/29

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 2.386 $\pm$ 11.061 χ^2 /NDF: 9.1/13

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

Right Out: 19.381 $\pm$ 10.304 χ^2 /NDF: 16.6/15

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

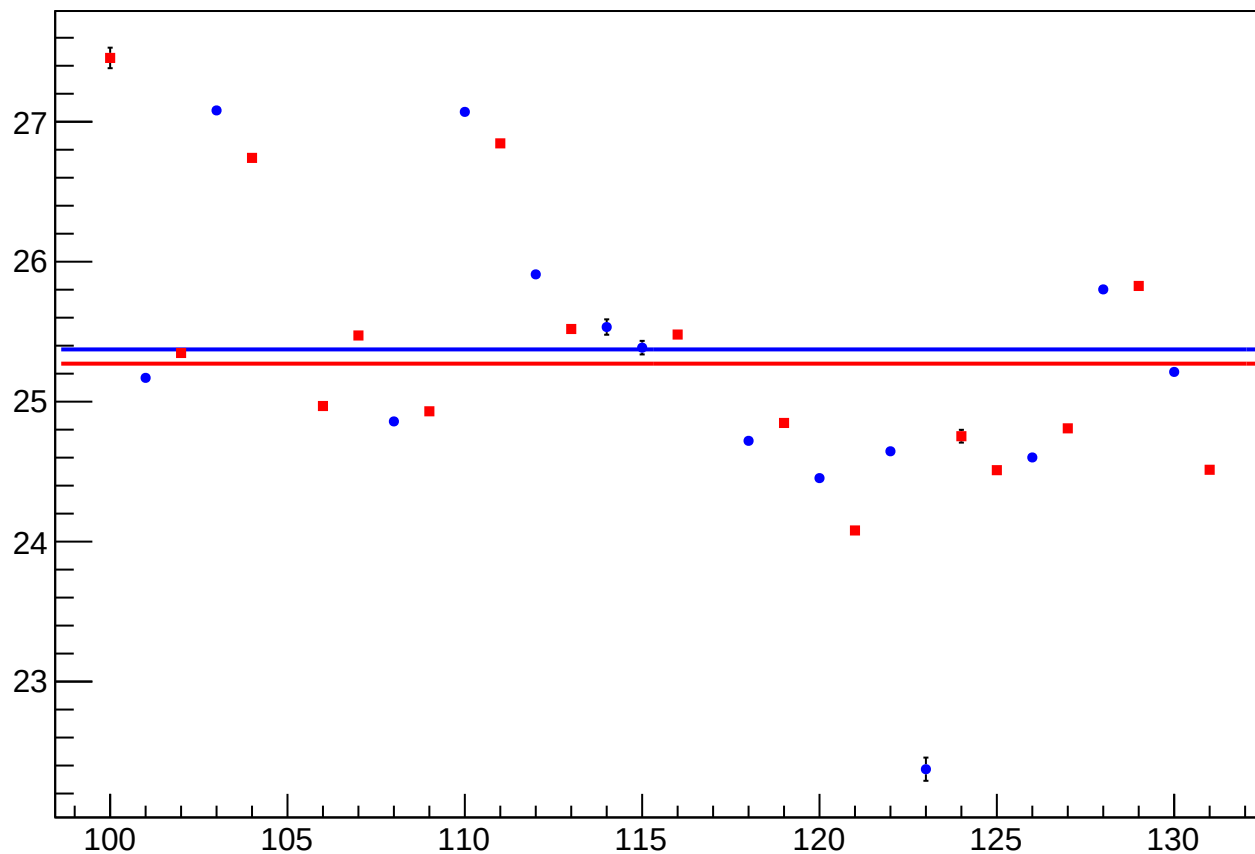
Right: 11.485 $\pm$ 7.539 χ^2 /NDF: 27.0/29

In: 2.386 $\pm$ 11.061 χ^2 /NDF:9.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 11.485 $\pm$ 7.539 χ^2 /NDF: 27.0/29

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.373+/-0.008 χ^2/NDF : 12773.2/13

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

Right Out: 25.271+/-0.007 χ^2/NDF : 11619.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

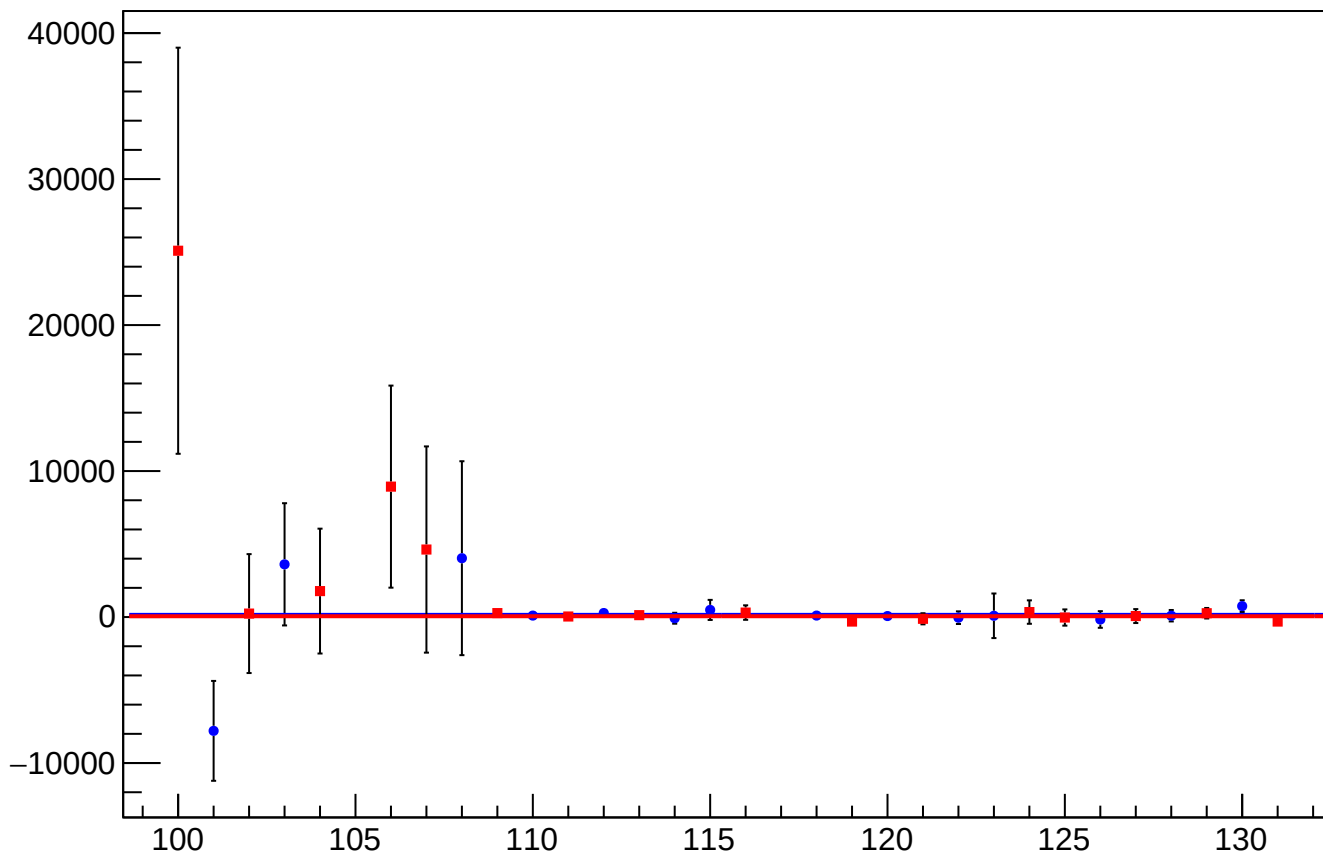
Right: 25.319+/-0.005 χ^2/NDF : 24483.6/29

In: 25.373+/-0.008 χ^2/NDF : 12773.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.319+/-0.005 χ^2/NDF : 24483.6/29

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 149.627+/-100.337 χ^2/NDF : 10.3/13

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

Right Out: 55.826+/-89.534 χ^2/NDF : 10.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

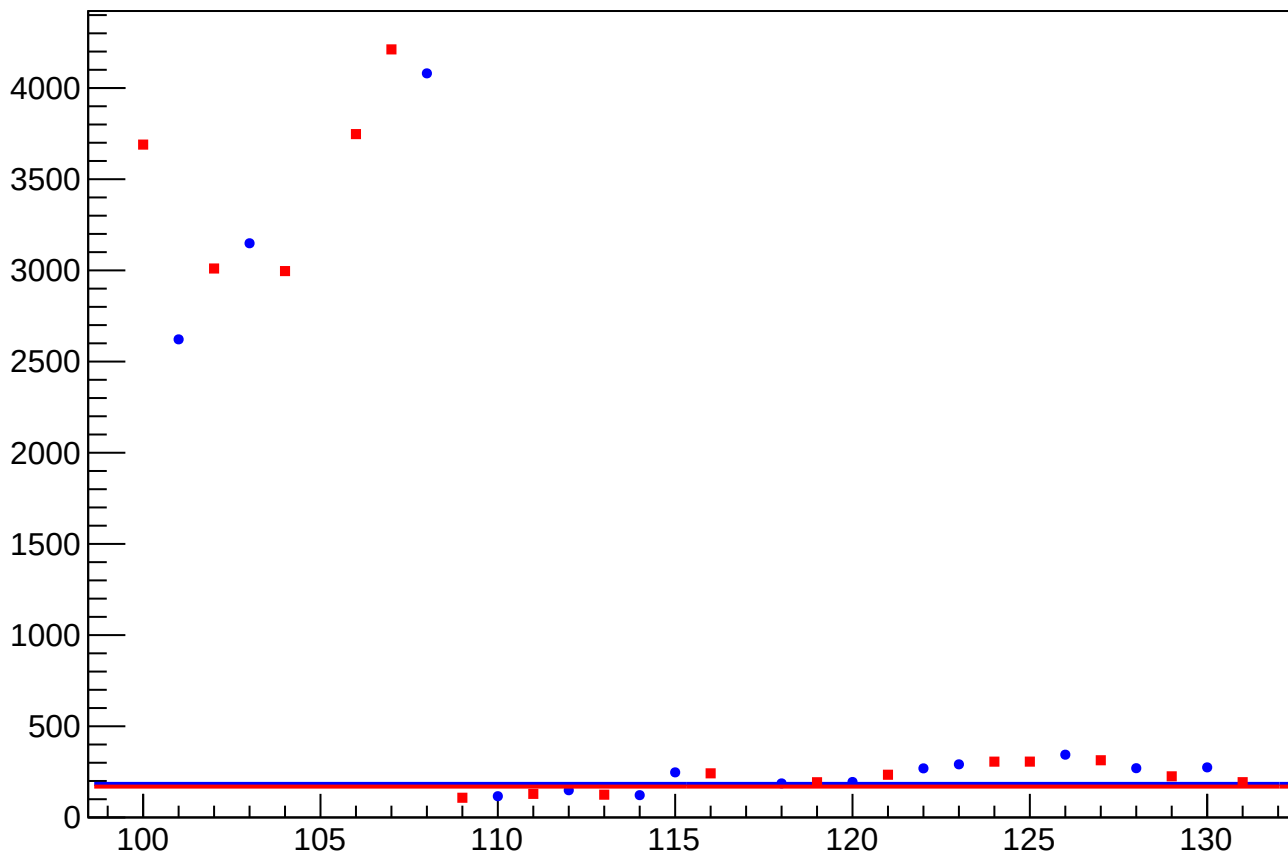
Right: 97.407+/-66.804 χ^2/NDF : 21.4/29

In: 149.627+/-100.337 χ^2/NDF : 10.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.407+/-66.804 χ^2/NDF : 21.4/29

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 184.090+/-0.071 χ^2/NDF : 3501354.7/13

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

Right Out: 169.163+/-0.063 χ^2/NDF : 4052699.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

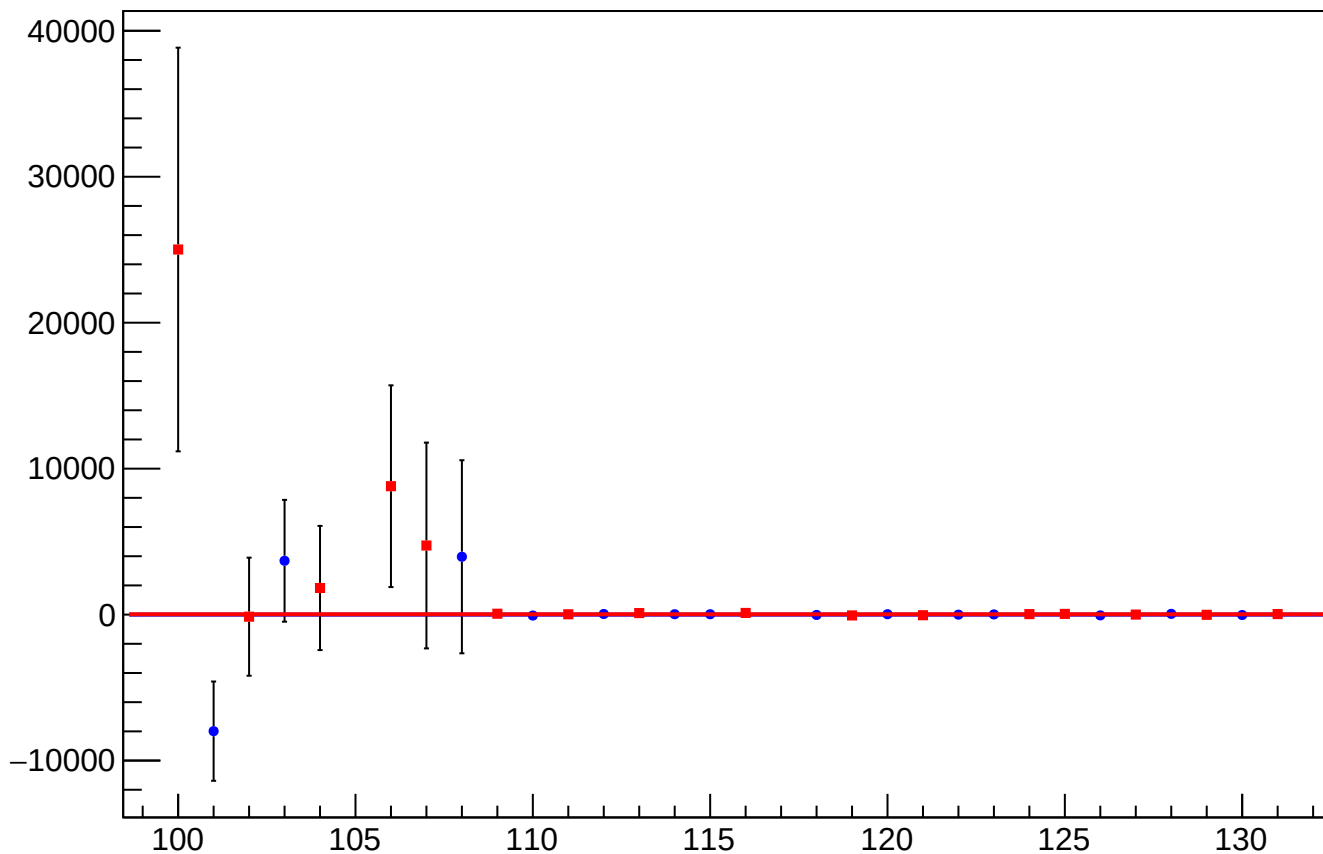
Right: 175.780+/-0.047 χ^2/NDF : 7578697.6/29

In: 184.090+/-0.071 χ^2/NDF :3501354.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 175.780+/-0.047 χ^2/NDF : 7578697.6/29

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -2.727+/-14.175 χ^2/NDF : 14.3/13

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

Right Out: 22.650+/-13.809 χ^2/NDF : 20.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

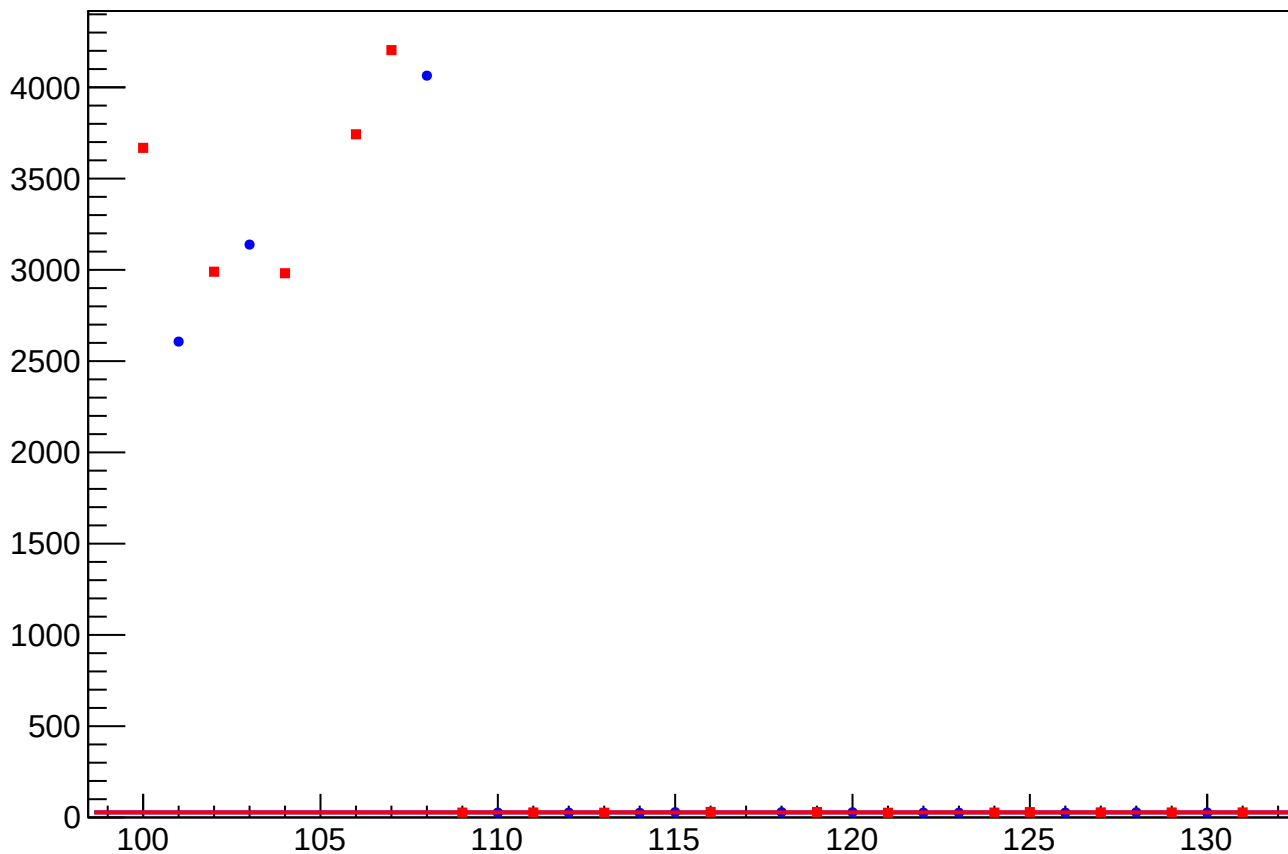
Right: 10.293+/-9.891 χ^2/NDF : 36.0/29

In: -2.727+/-14.175 χ^2/NDF : 14.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.293+/-9.891 χ^2/NDF : 36.0/29

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.498+/-0.010 χ^2/NDF : 3017986.6/13

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

Right Out: 27.647+/-0.010 χ^2/NDF : 3475575.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

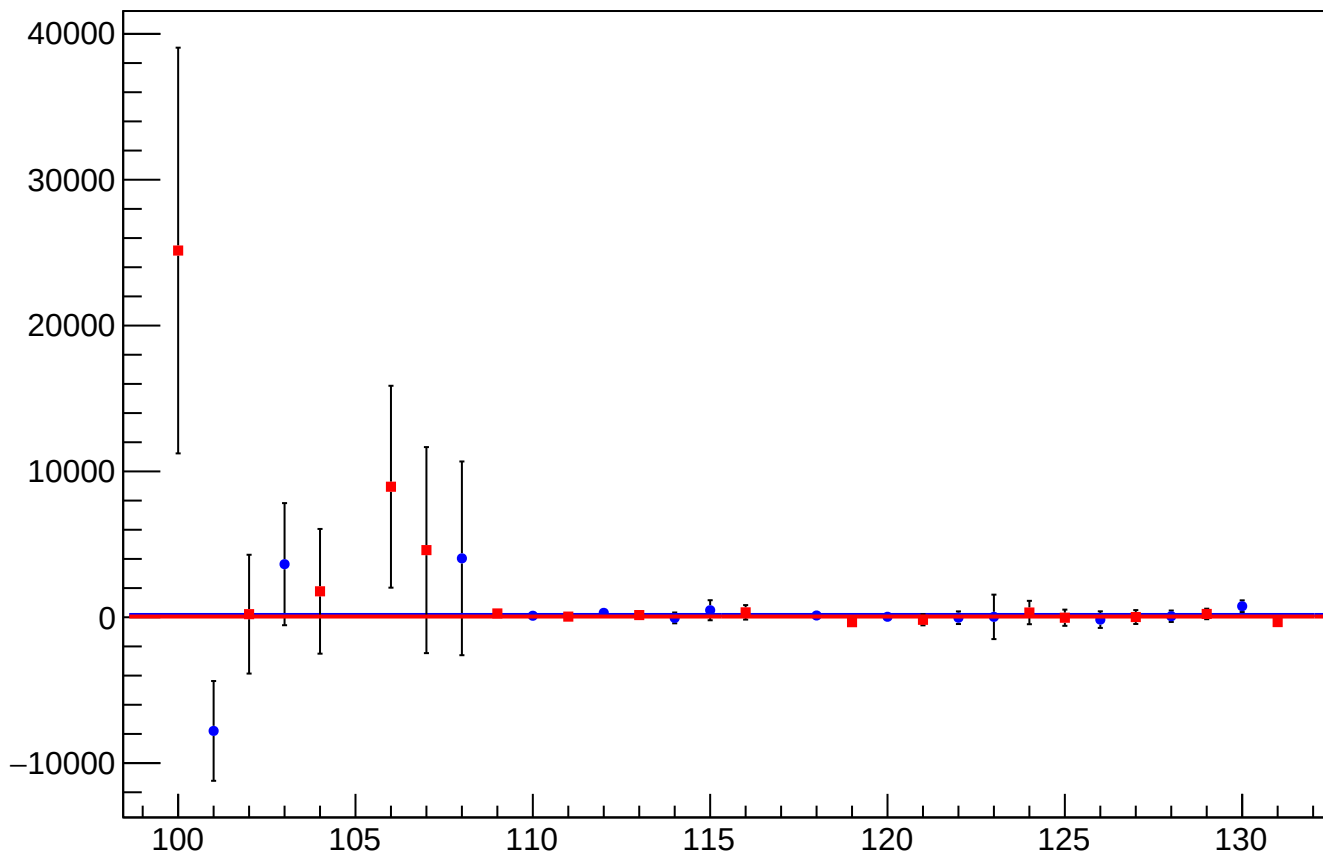
Right: 27.574+/-0.007 χ^2/NDF : 6493675.0/29

In: 27.498+/-0.010 χ^2/NDF :3017986.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 27.574+/-0.007 χ^2/NDF : 6493675.0/29

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 157.300+/-99.994 χ^2/NDF : 10.4/13

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

Right Out: 49.186+/-89.205 χ^2/NDF : 11.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

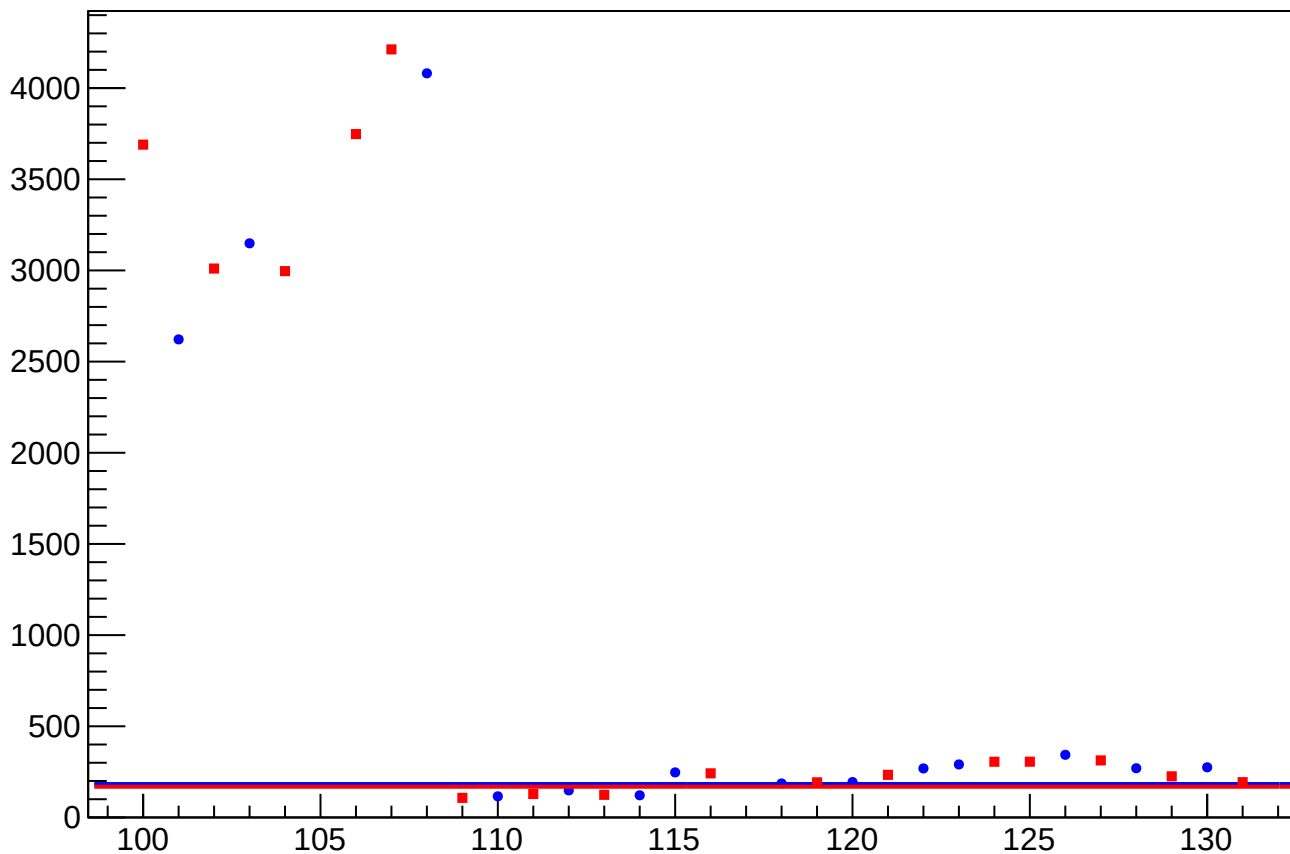
Right: 97.097+/-66.566 χ^2/NDF : 22.3/29

In: 157.300+/-99.994 χ^2/NDF :10.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 97.097+/-66.566 χ^2/NDF : 22.3/29

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 183.323+/-0.071 χ^2/NDF : 3512014.1/13

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

Right Out: 168.412+/-0.063 χ^2/NDF : 4063317.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

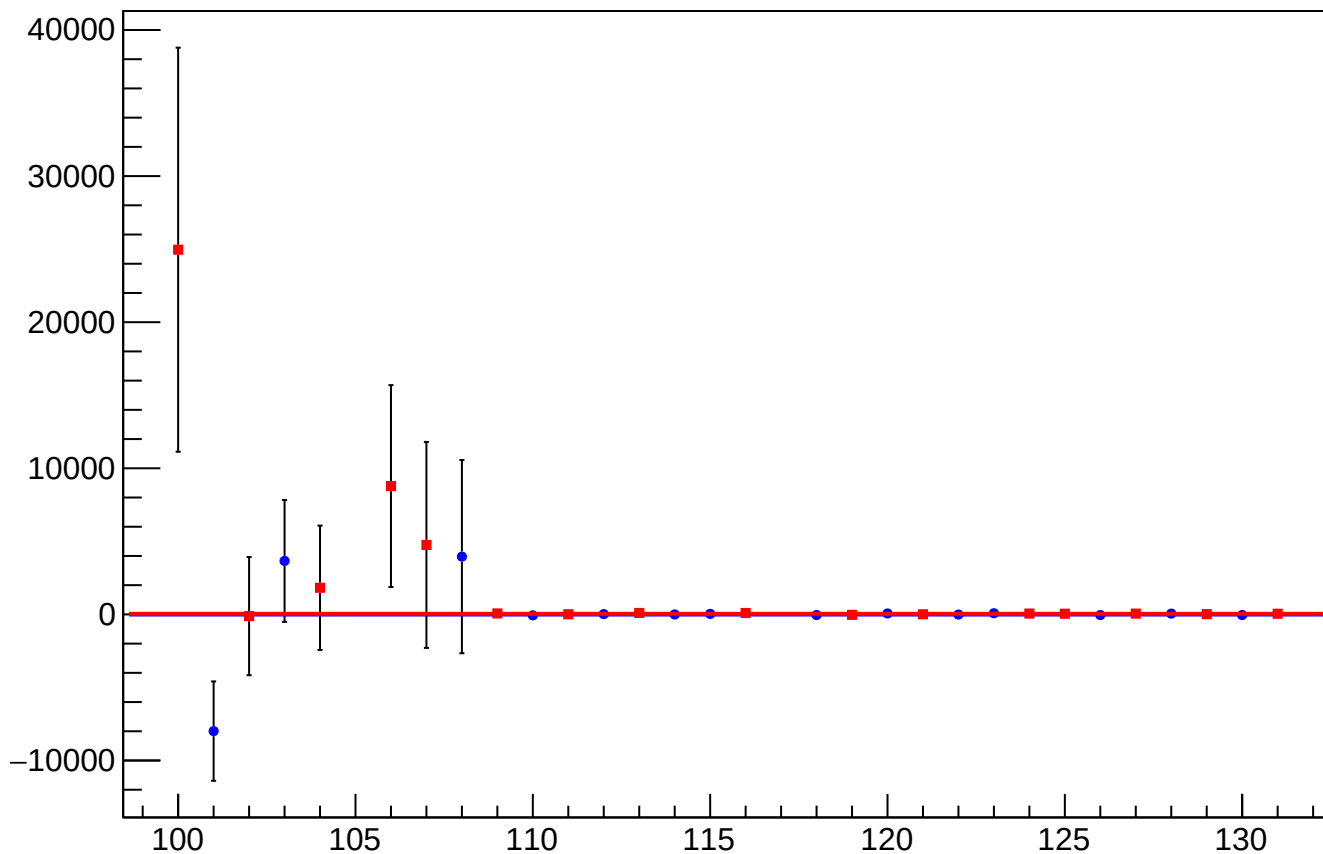
Right: 175.020+/-0.047 χ^2/NDF : 7600094.9/29

In: 183.323+/-0.071 χ^2/NDF : 3512014.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.020+/-0.047 χ^2/NDF : 7600094.9/29

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -8.040+/-14.277 χ^2/NDF : 16.2/13

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

Right Out: 38.354+/-13.937 χ^2/NDF : 13.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

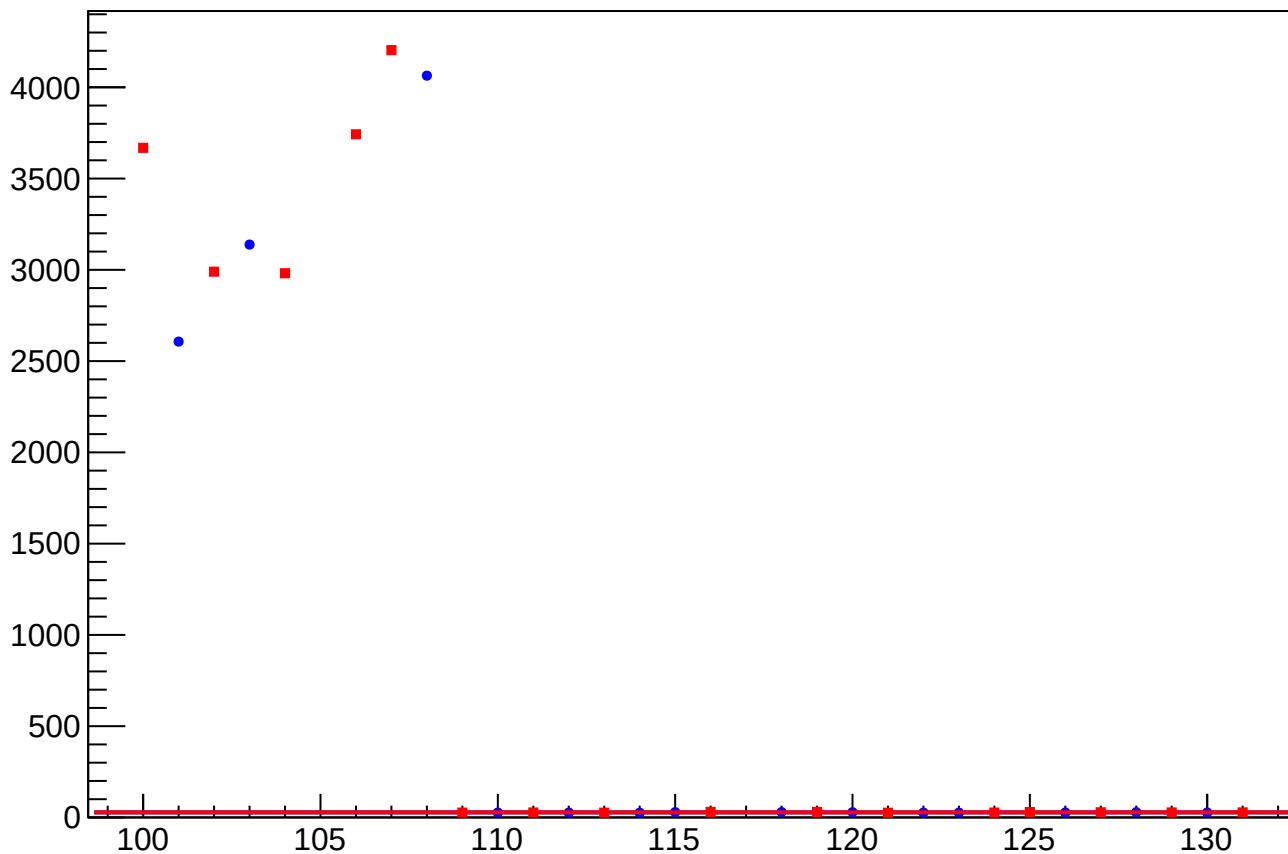
Right: 15.715+/-9.973 χ^2/NDF : 34.6/29

In: -8.040+/-14.277 χ^2/NDF : 16.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.715+/-9.973 χ^2/NDF : 34.6/29

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.689+/-0.010 χ^2/NDF : 3018993.9/13

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

Right Out: 27.896+/-0.010 χ^2/NDF : 3478513.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

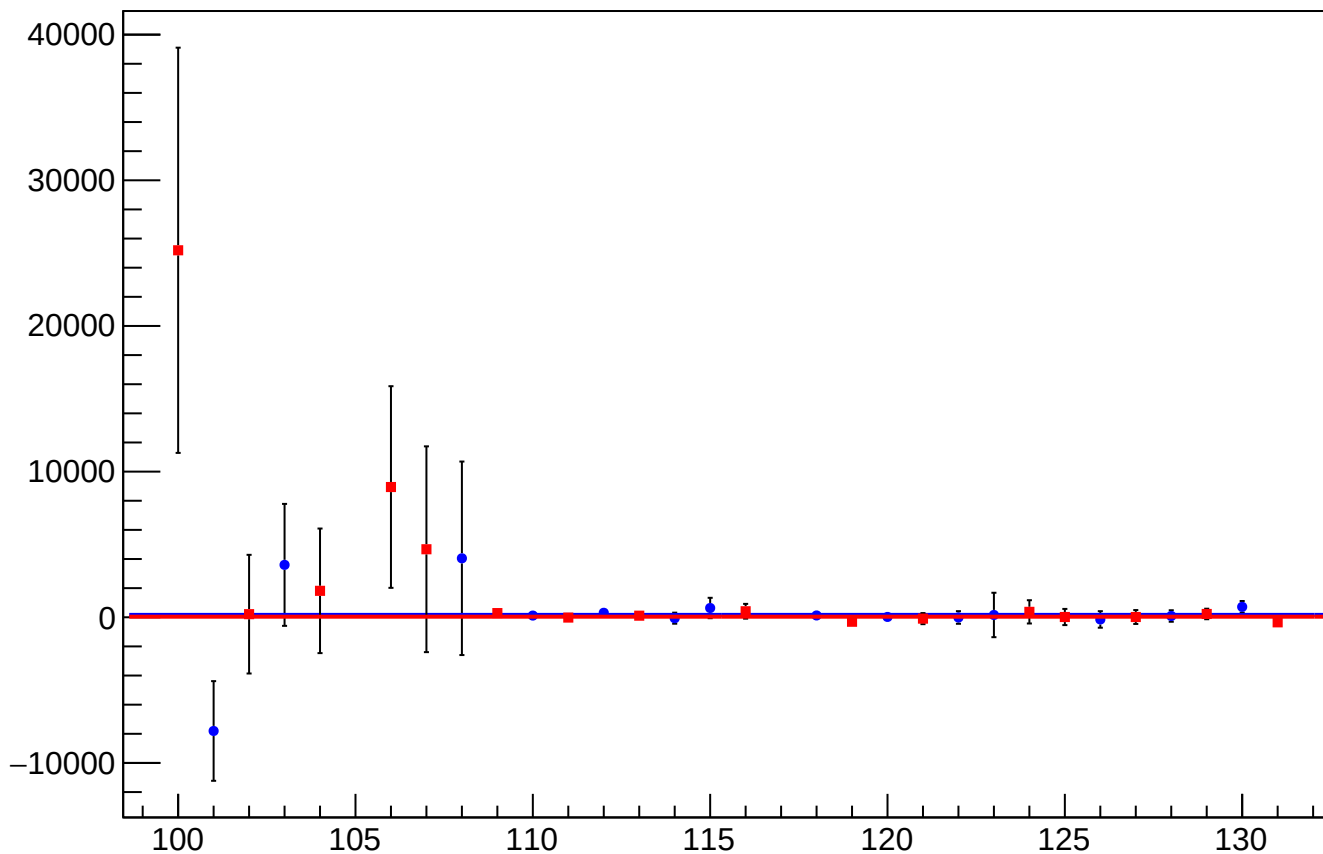
Right: 27.795+/-0.007 χ^2/NDF : 6497722.6/29

In: 27.689+/-0.010 χ^2/NDF : 3018993.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.795+/-0.007 χ^2/NDF : 6497722.6/29

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 164.338+/-101.180 χ^2/NDF : 10.3/13

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

Right Out: 40.096+/-90.401 χ^2/NDF : 11.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

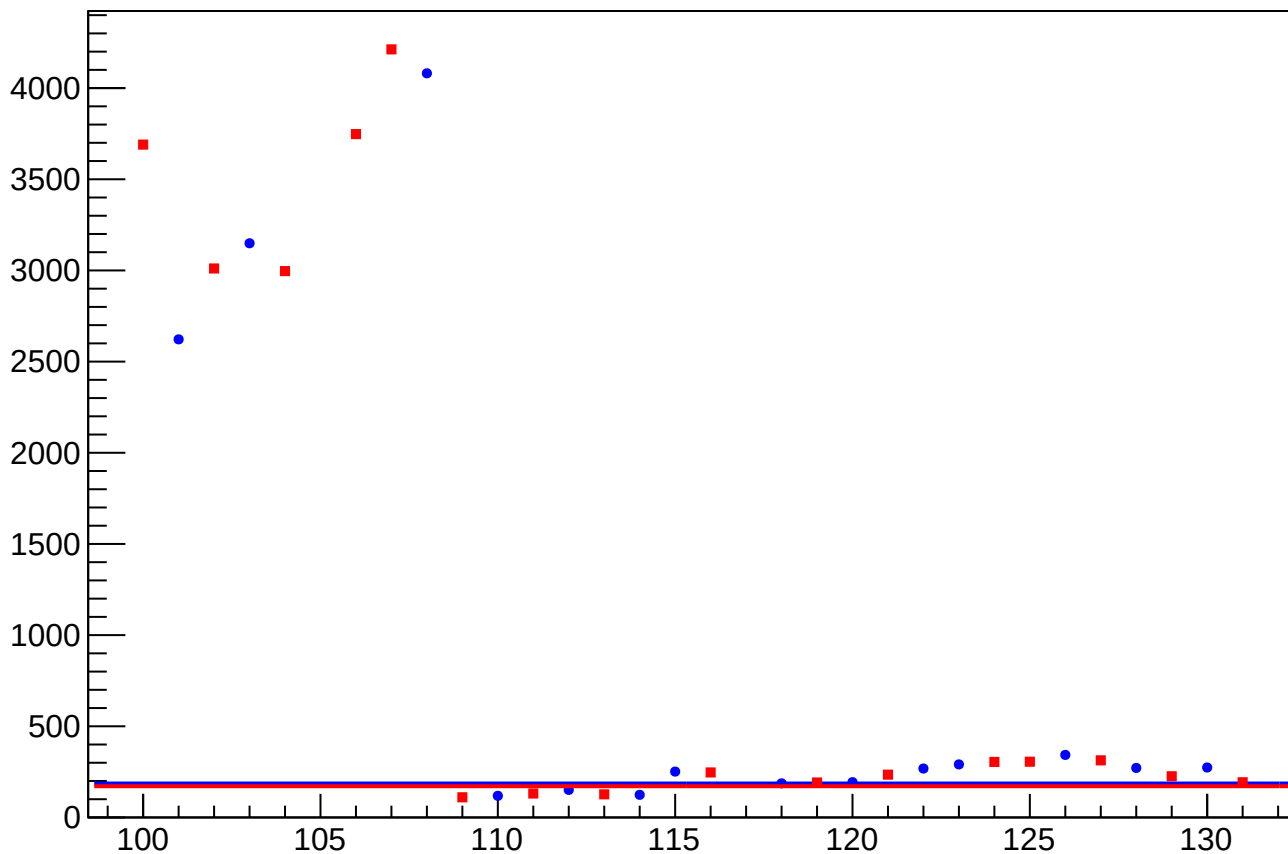
Right: 95.249+/-67.413 χ^2/NDF : 22.4/29

In: 164.338+/-101.180 χ^2/NDF : 10.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.249+/-67.413 χ^2/NDF : 22.4/29

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 186.080+/-0.072 χ^2/NDF : 3467072.0/13

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

Right Out: 171.329+/-0.064 χ^2/NDF : 4012529.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

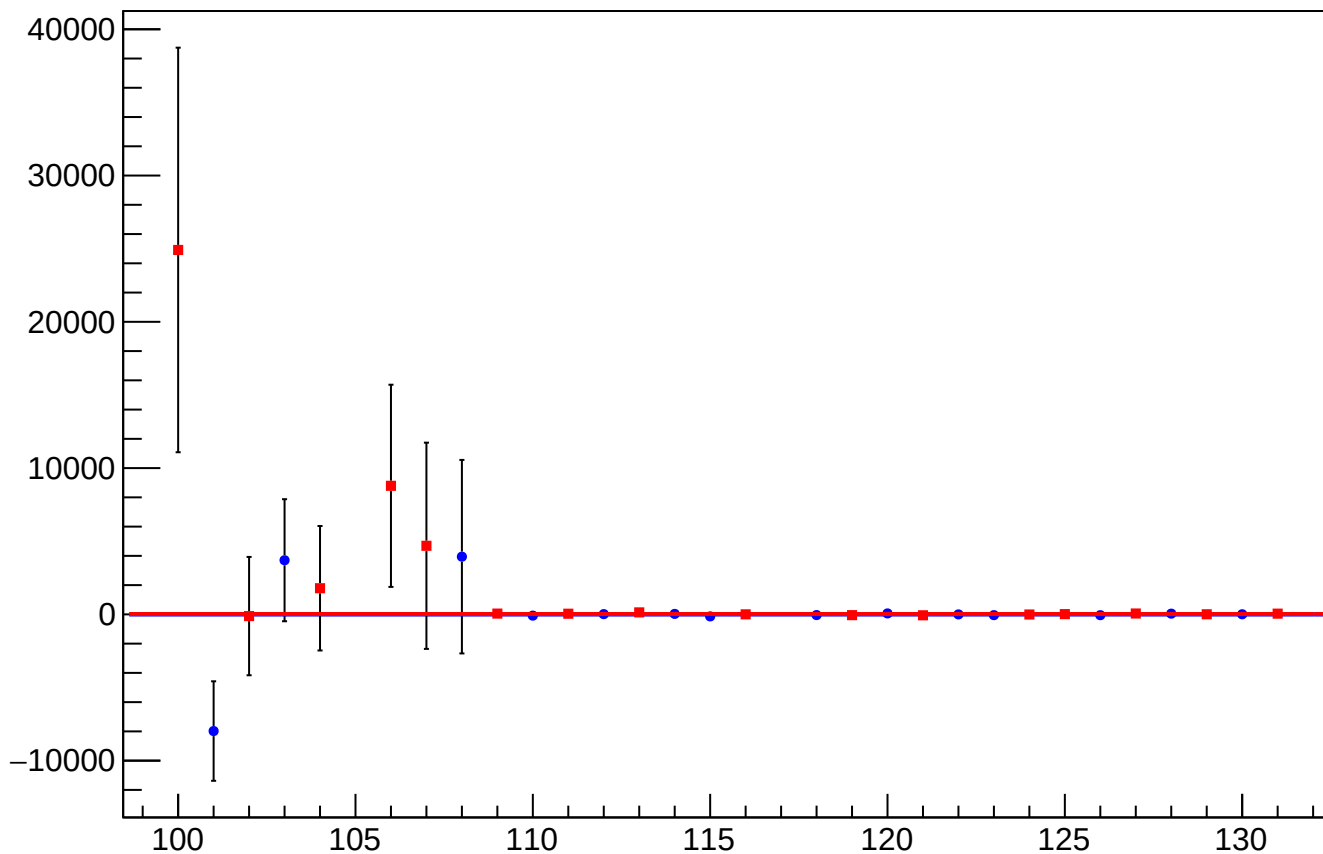
Right: 177.877+/-0.048 χ^2/NDF : 7503238.6/29

In: 186.080+/-0.072 χ^2/NDF : 3467072.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.877+/-0.048 χ^2/NDF : 7503238.6/29

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -9.982+/-17.406 χ^2/NDF : 15.4/13

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

Right Out: 25.329+/-16.843 χ^2/NDF : 17.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

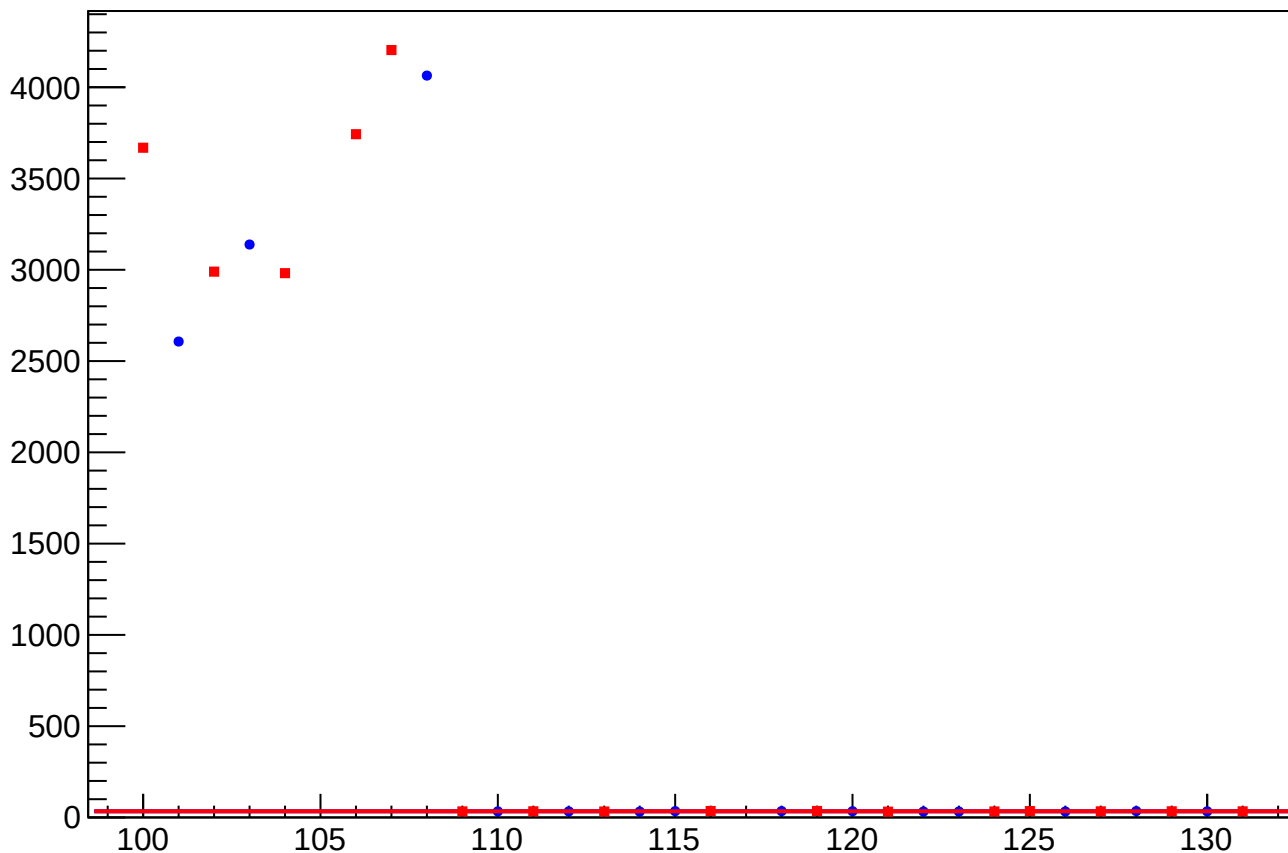
Right: 8.254+/-12.104 χ^2/NDF : 35.1/29

In: -9.982+/-17.406 χ^2/NDF : 15.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.254+/-12.104 χ^2/NDF : 35.1/29

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 33.788+/-0.012 χ^2/NDF : 2999818.4/13

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

Right Out: 33.792+/-0.012 χ^2/NDF : 3450980.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

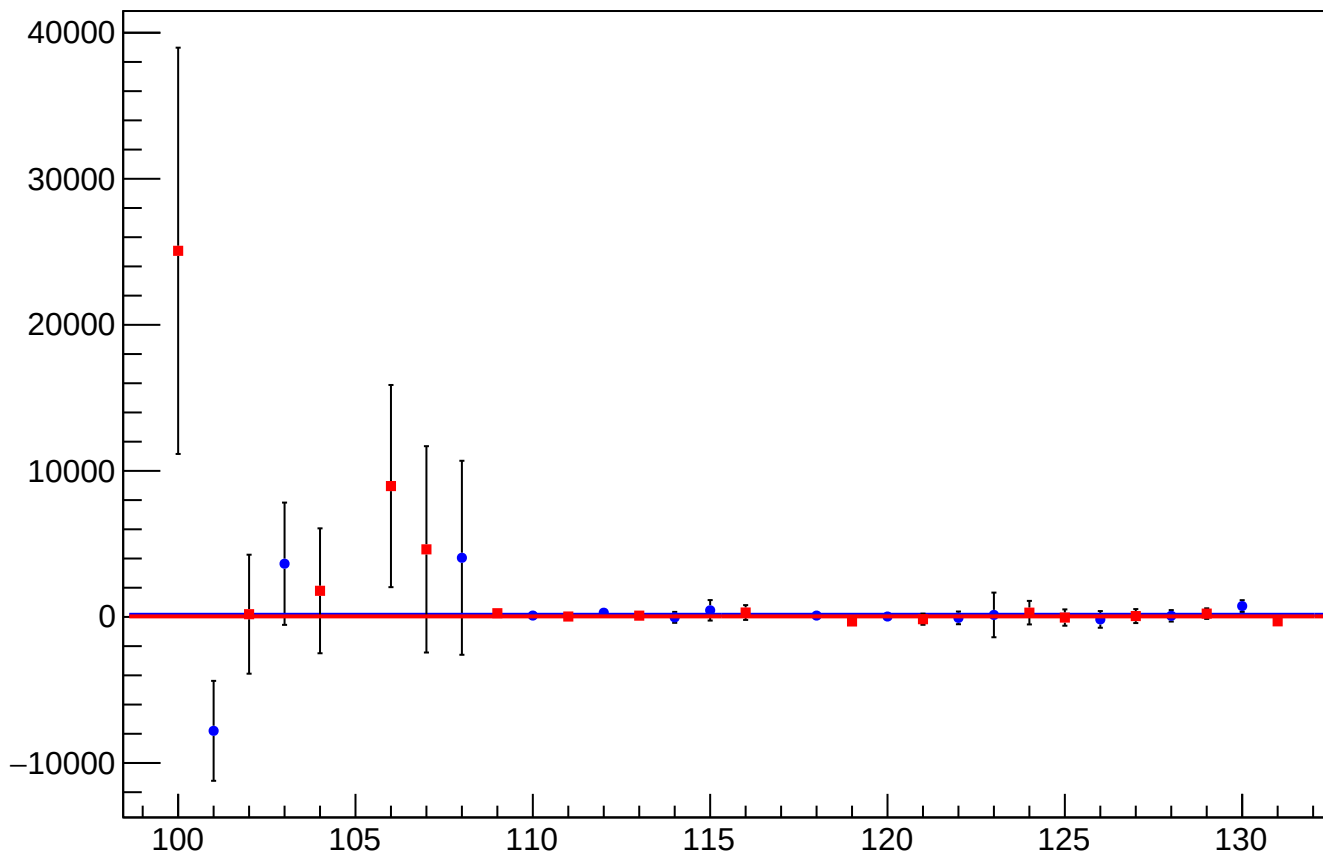
Right: 33.790+/-0.009 χ^2/NDF : 6450799.0/29

In: 33.788+/-0.012 χ^2/NDF : 2999818.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.790+/-0.009 χ^2/NDF : 6450799.0/29

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 146.900+/-100.703 χ^2/NDF : 10.3/13

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

Right Out: 37.084+/-89.915 χ^2/NDF : 10.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

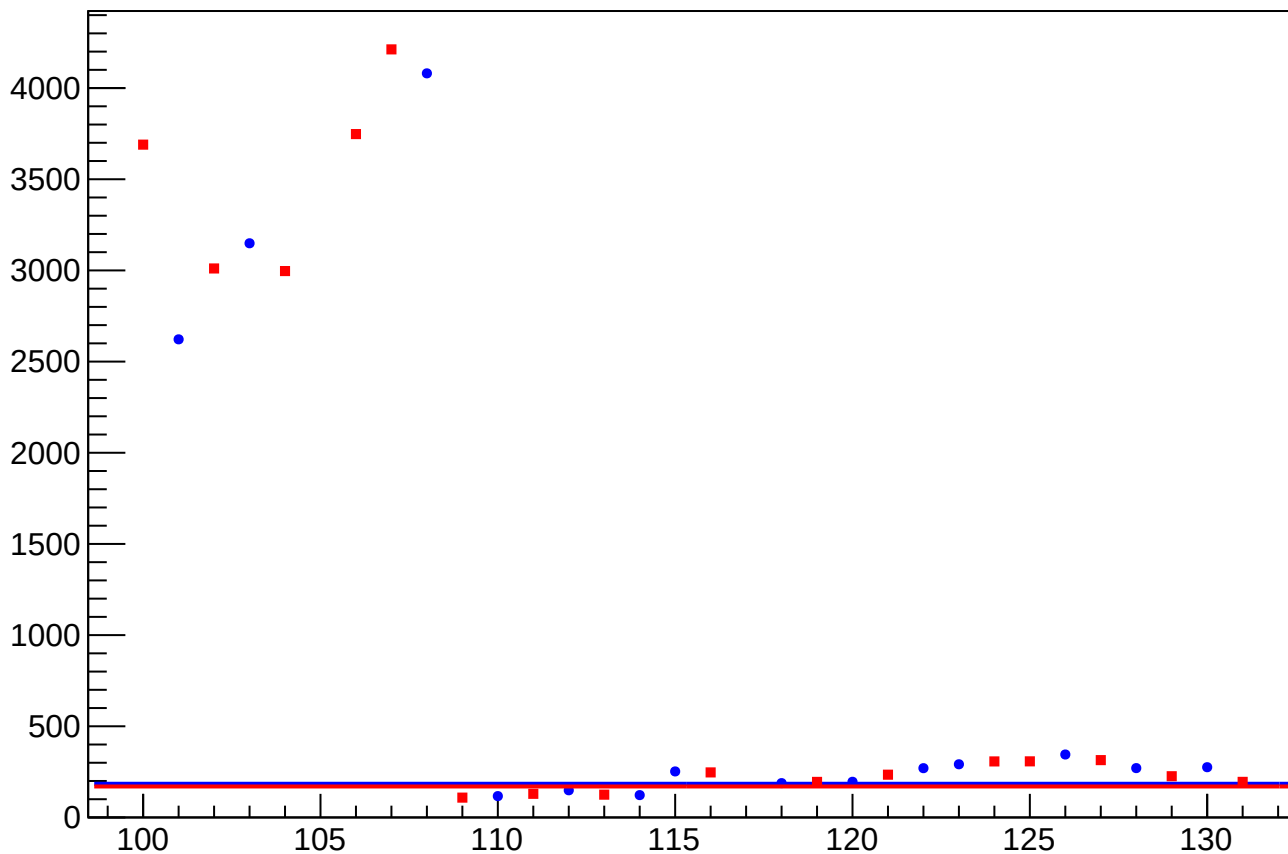
Right: 85.797+/-67.071 χ^2/NDF : 21.1/29

In: 146.900+/-100.703 χ^2/NDF : 10.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.797+/-67.071 χ^2/NDF : 21.1/29

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 184.754+/-0.071 χ^2/NDF : 3503157.5/13

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

Right Out: 169.876+/-0.064 χ^2/NDF : 4057171.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

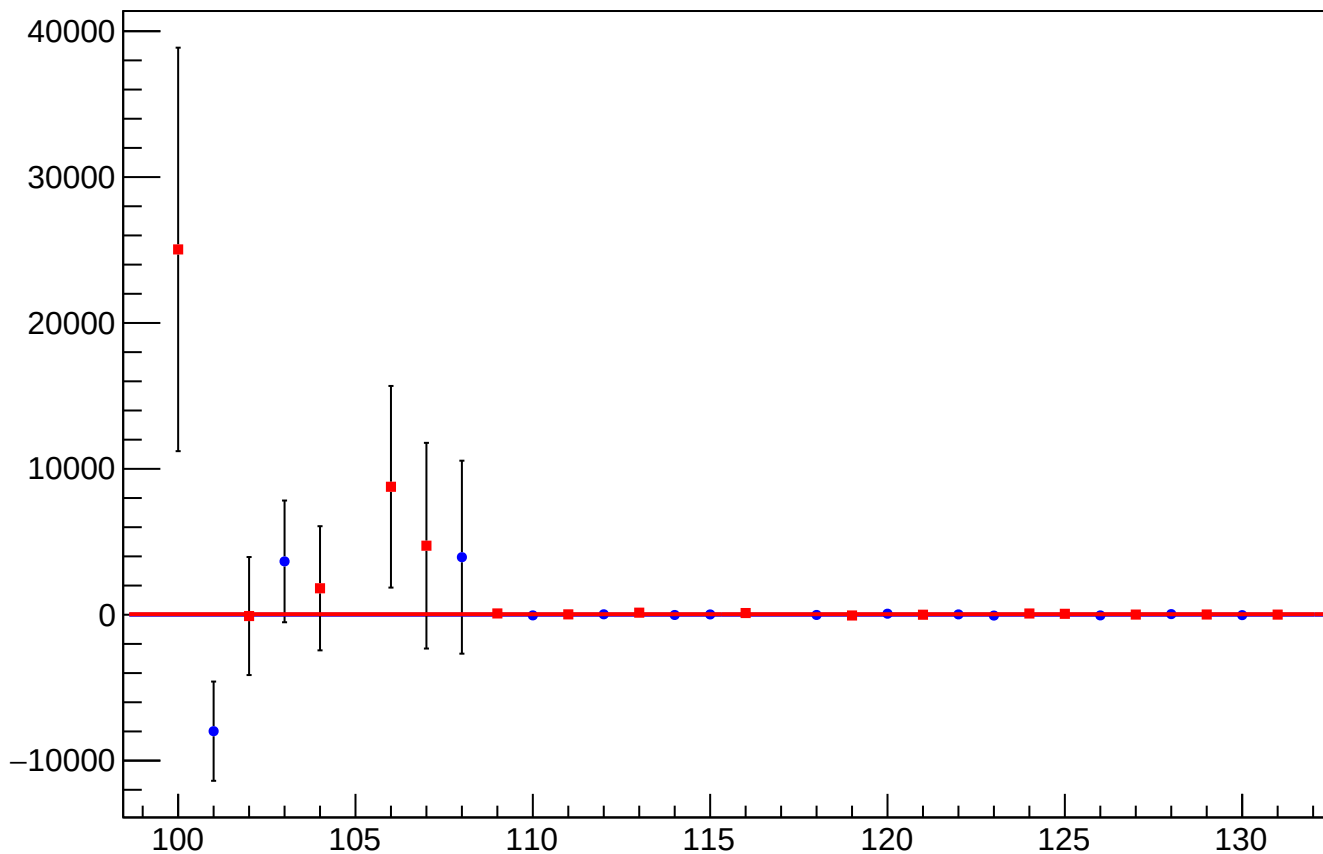
Right: 176.476+/-0.047 χ^2/NDF : 7584618.5/29

In: 184.754+/-0.071 χ^2/NDF :3503157.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 176.476+/-0.047 χ^2/NDF : 7584618.5/29

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 2.240 $\pm$ 15.860 χ^2 /NDF: 12.3/13

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

Right Out: 37.277 $\pm$ 15.415 χ^2 /NDF: 19.1/15

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

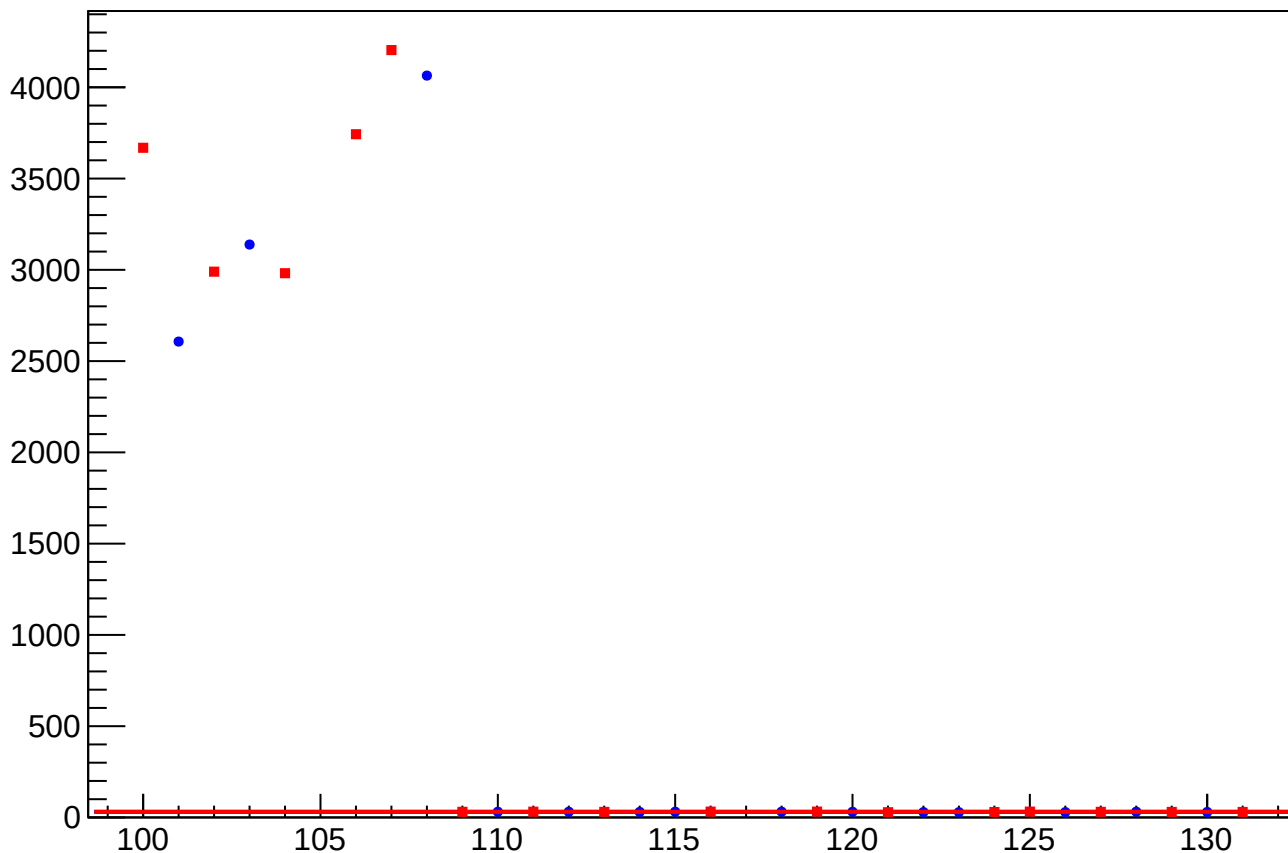
Right: 20.257 $\pm$ 11.054 χ^2 /NDF: 33.9/29

In: 2.240 $\pm$ 15.860 χ^2 /NDF:12.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 20.257 $\pm$ 11.054 χ^2 /NDF: 33.9/29

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 30.798+/-0.011 χ^2/NDF : 3007020.2/13

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

Right Out: 30.908+/-0.011 χ^2/NDF : 3457180.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

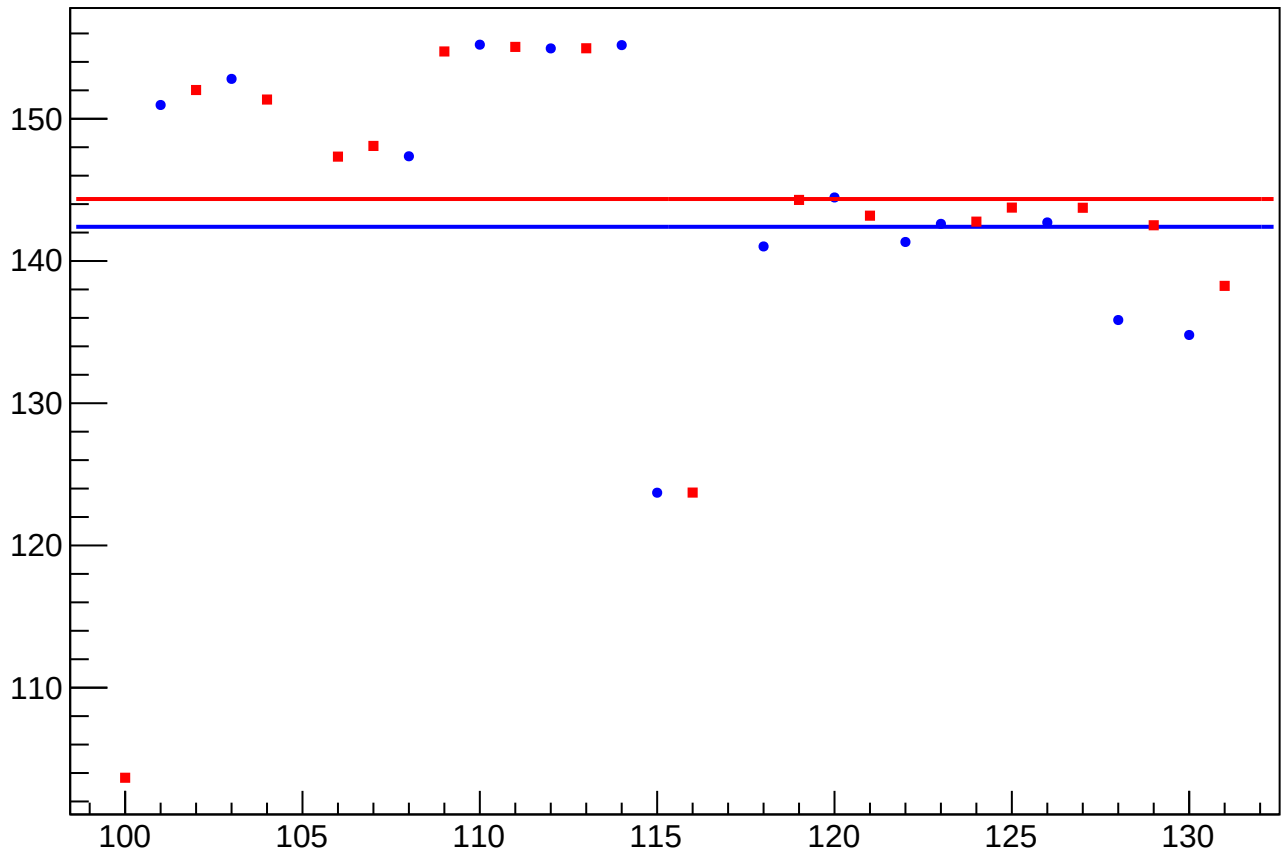
Right: 30.854+/-0.008 χ^2/NDF : 6464250.2/29

In: 30.798+/-0.011 χ^2/NDF : 3007020.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.854+/-0.008 χ^2/NDF : 6464250.2/29

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 142.405+/-0.000 χ^2 /NDF: 3043789202.8/13

Right: 143.442+/-0.000 χ^2 /NDF: 7217063166.3/29

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

Right Out: 144.359+/-0.000 χ^2 /NDF: 4086384671.6/15

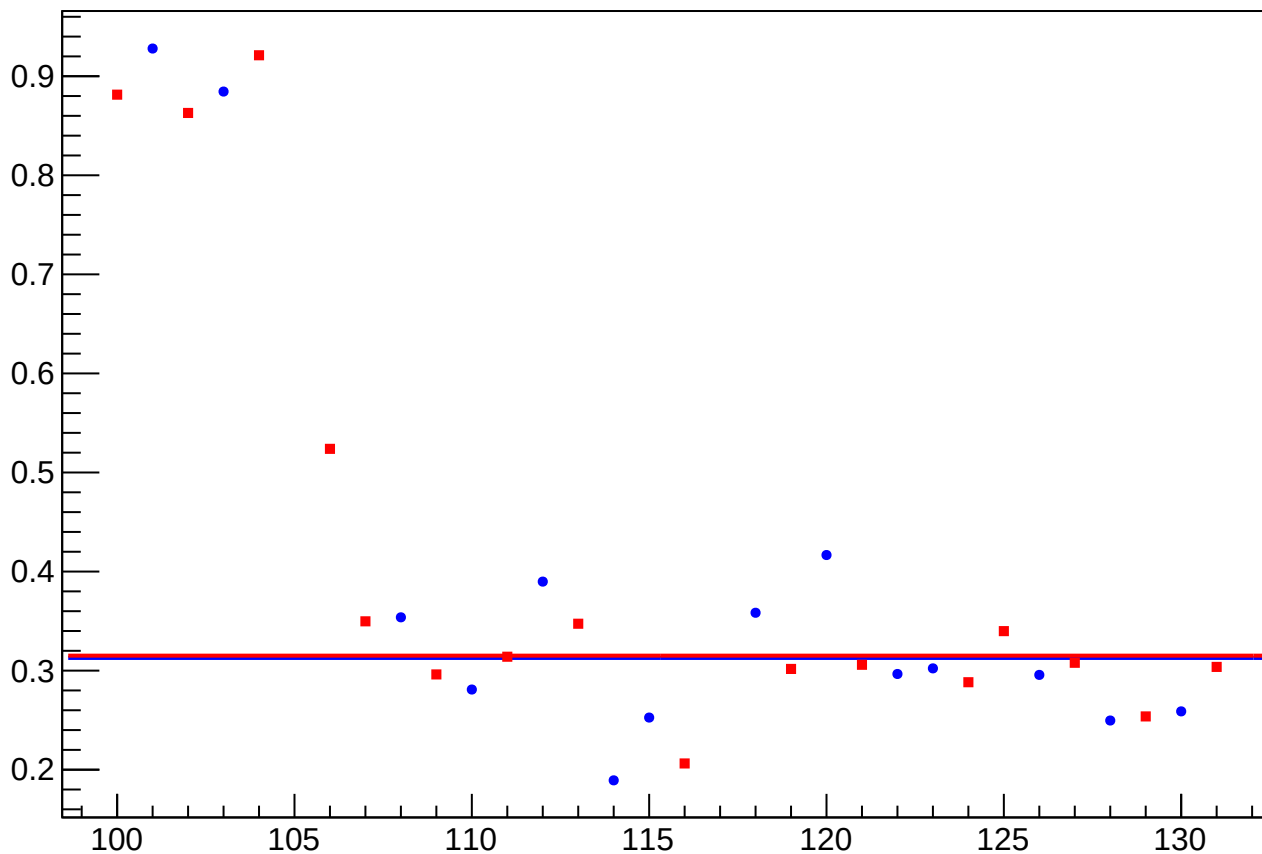
In: 142.405+/-0.000 χ^2 /NDF: 3043789202.8/13

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 143.442+/-0.000 χ^2 /NDF: 7217063166.3

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.313+/-0.000 χ^2/NDF : 1260452.4/13

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

Right Out: 0.315+/-0.000 χ^2/NDF : 1168813.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

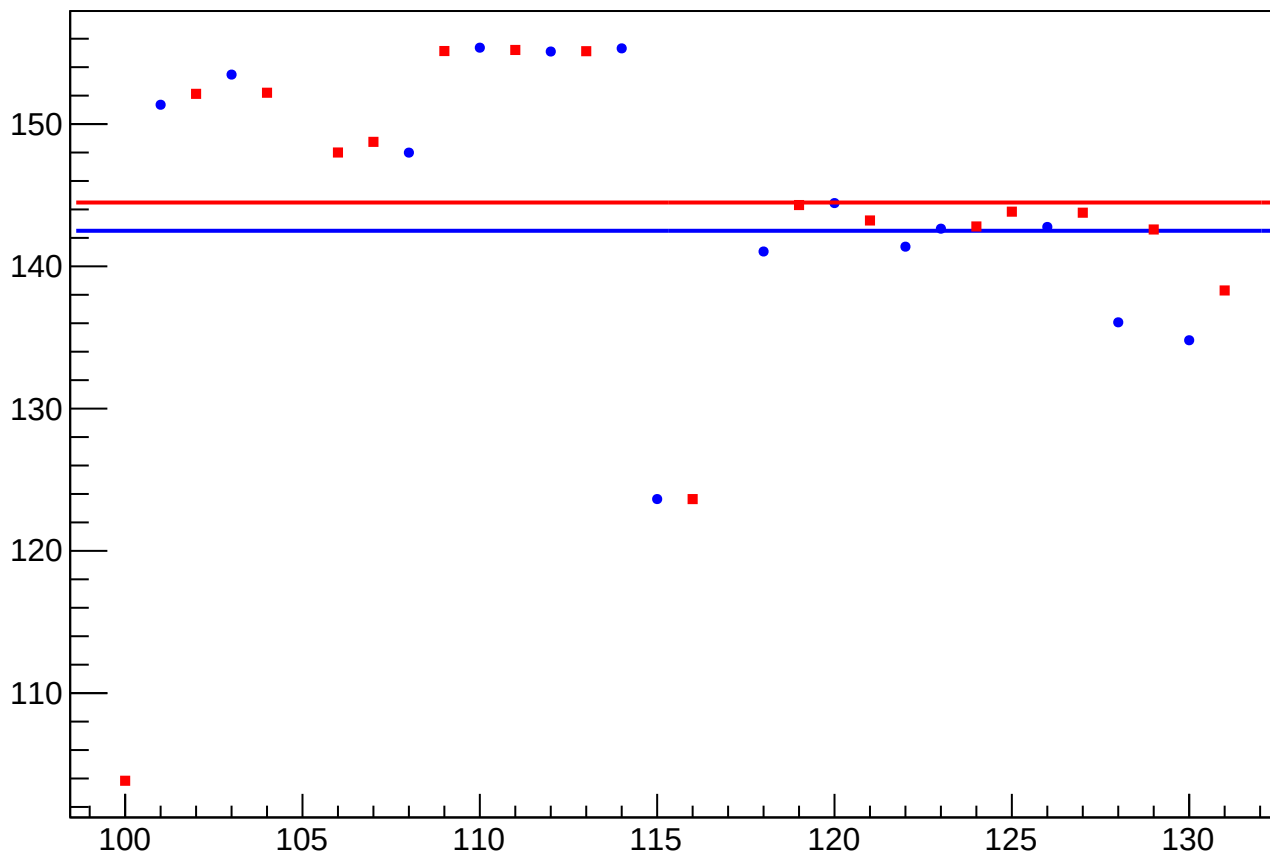
Right: 0.314+/-0.000 χ^2/NDF : 2429510.2/29

In: 0.313+/-0.000 χ^2/NDF :1260452.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.314+/-0.000 χ^2/NDF : 2429510.2/29

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 142.499+/-0.000 χ^2 /NDF: 3051616478.4/13

Right: 143.554+/-0.000 χ^2 /NDF: 7247684963.2/29

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

In: 142.499+/-0.000 χ^2 /NDF: 3051616478.4/13

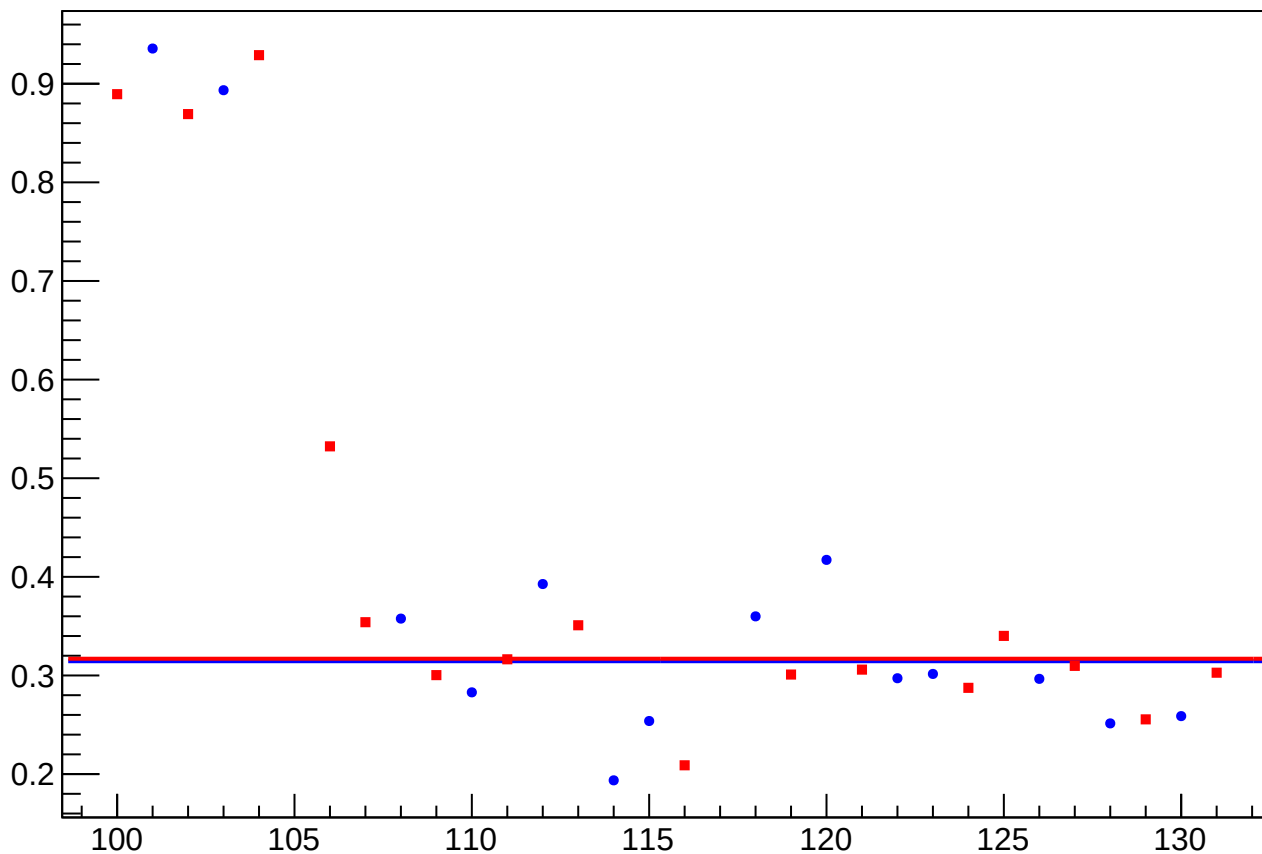
Right Out: 144.486+/-0.000 χ^2 /NDF: 4107171939.2/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 143.554+/-0.000 χ^2 /NDF: 7247684963.2

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.314+/-0.000 χ^2/NDF : 1261218.1/13

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

Right Out: 0.317+/-0.000 χ^2/NDF : 1170815.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

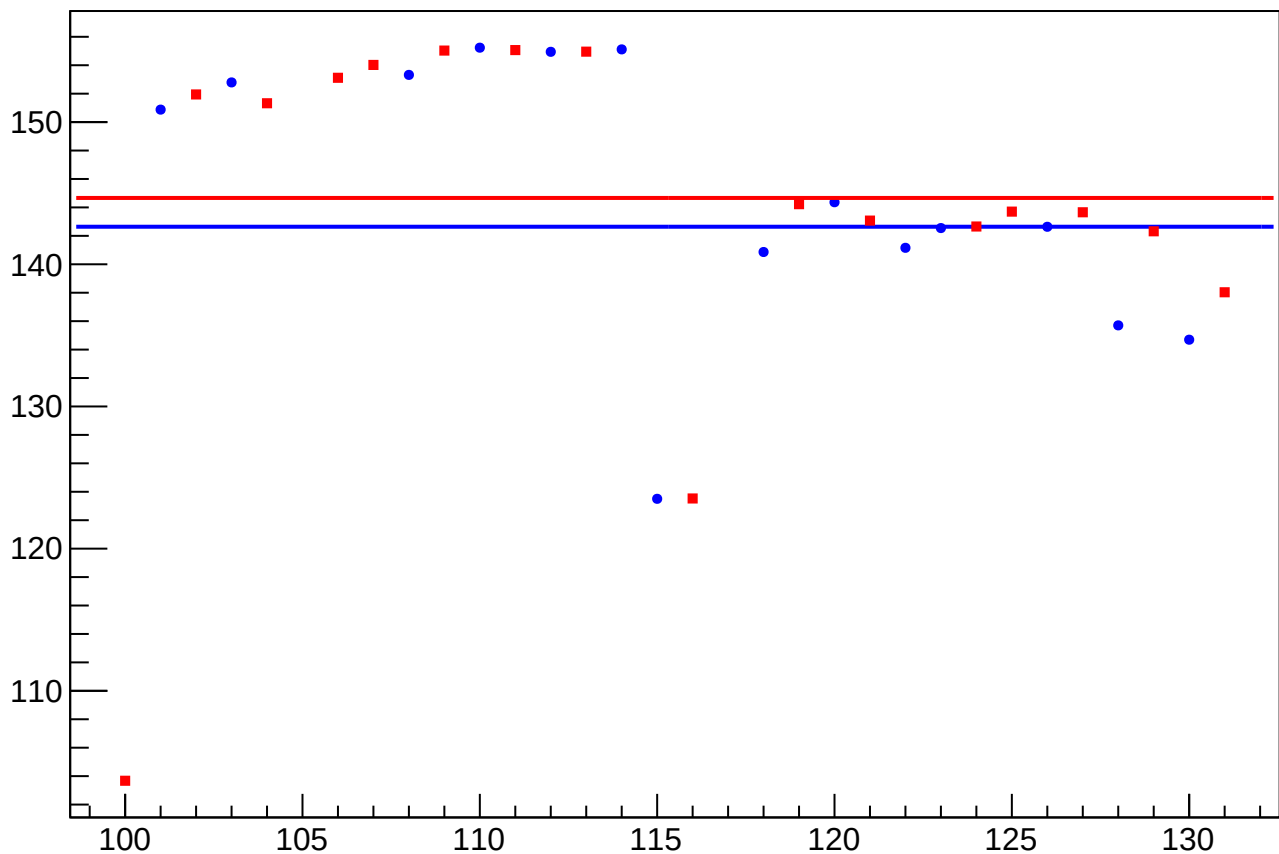
Right: 0.316+/-0.000 χ^2/NDF : 2432321.4/29

In: 0.314+/-0.000 χ^2/NDF : 1261218.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

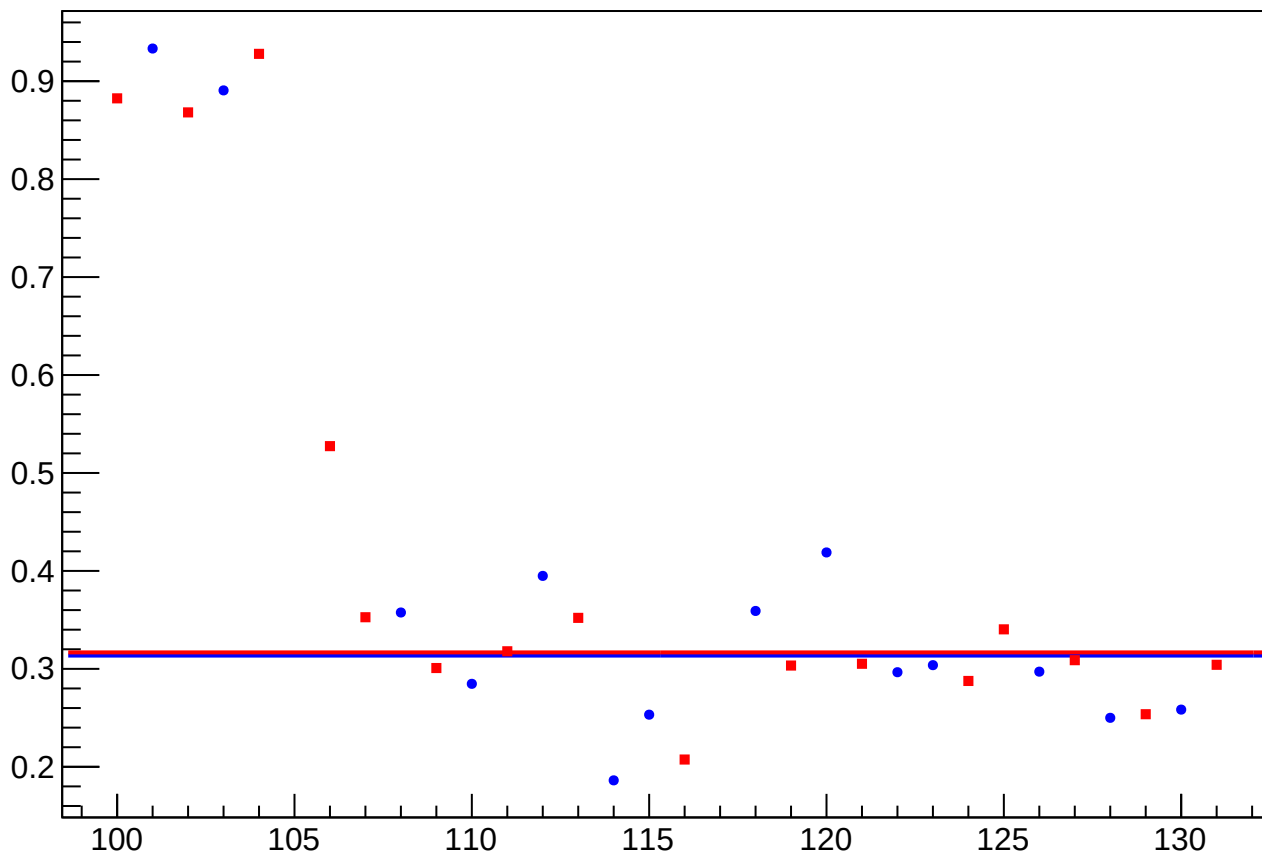
All: 0.316+/-0.000 χ^2/NDF : 2432321.4/29

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 142.642 ± 0.000 $\chi^2/\text{NDF}: 3314127342.6/13$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 144.666 ± 0.000 $\chi^2/\text{NDF}: 4383759346.7/15$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 143.715 ± 0.000 $\chi^2/\text{NDF}: 7790361837.5/29$

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.314+/-0.000 χ^2/NDF : 1275606.4/13

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

Right Out: 0.317+/-0.000 χ^2/NDF : 1174002.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

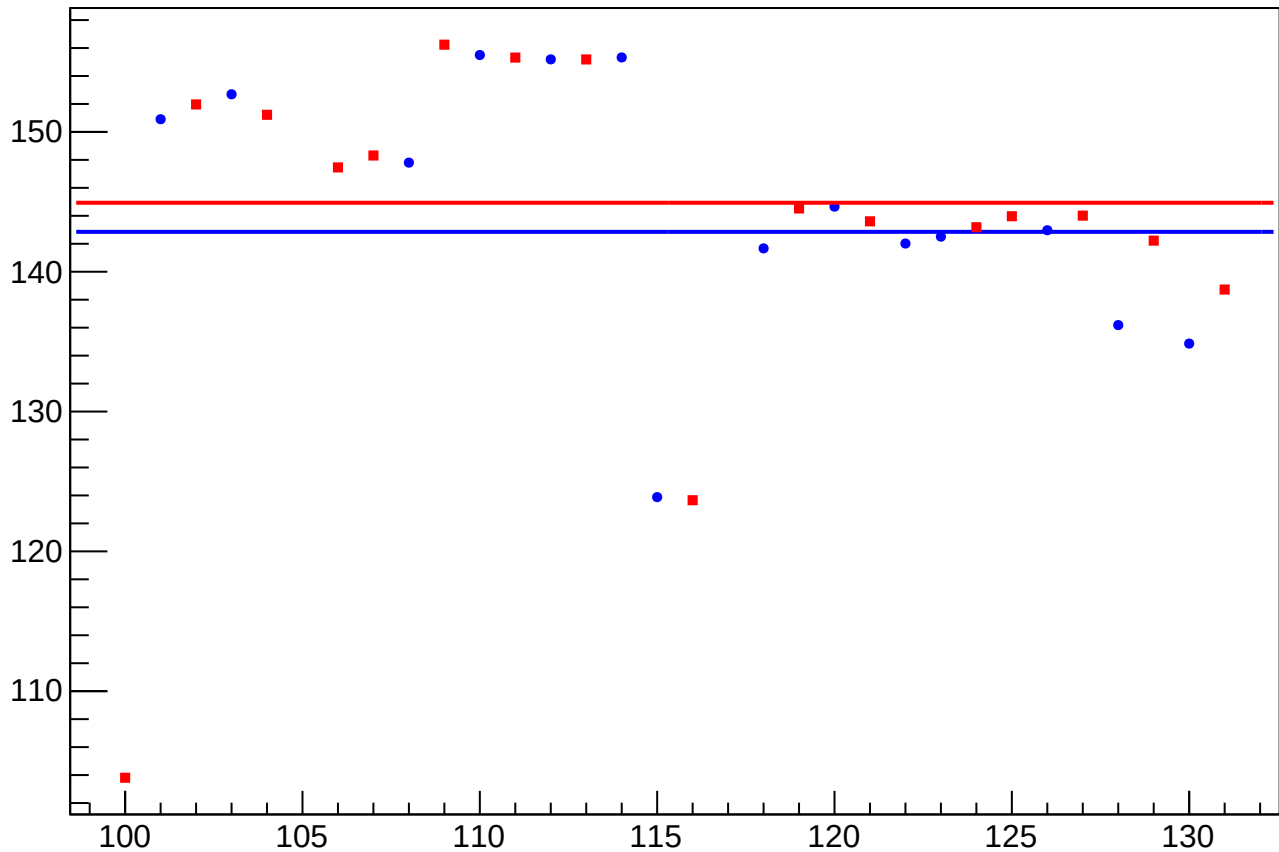
Right: 0.315+/-0.000 χ^2/NDF : 2450084.2/29

In: 0.314+/-0.000 χ^2/NDF : 1275606.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

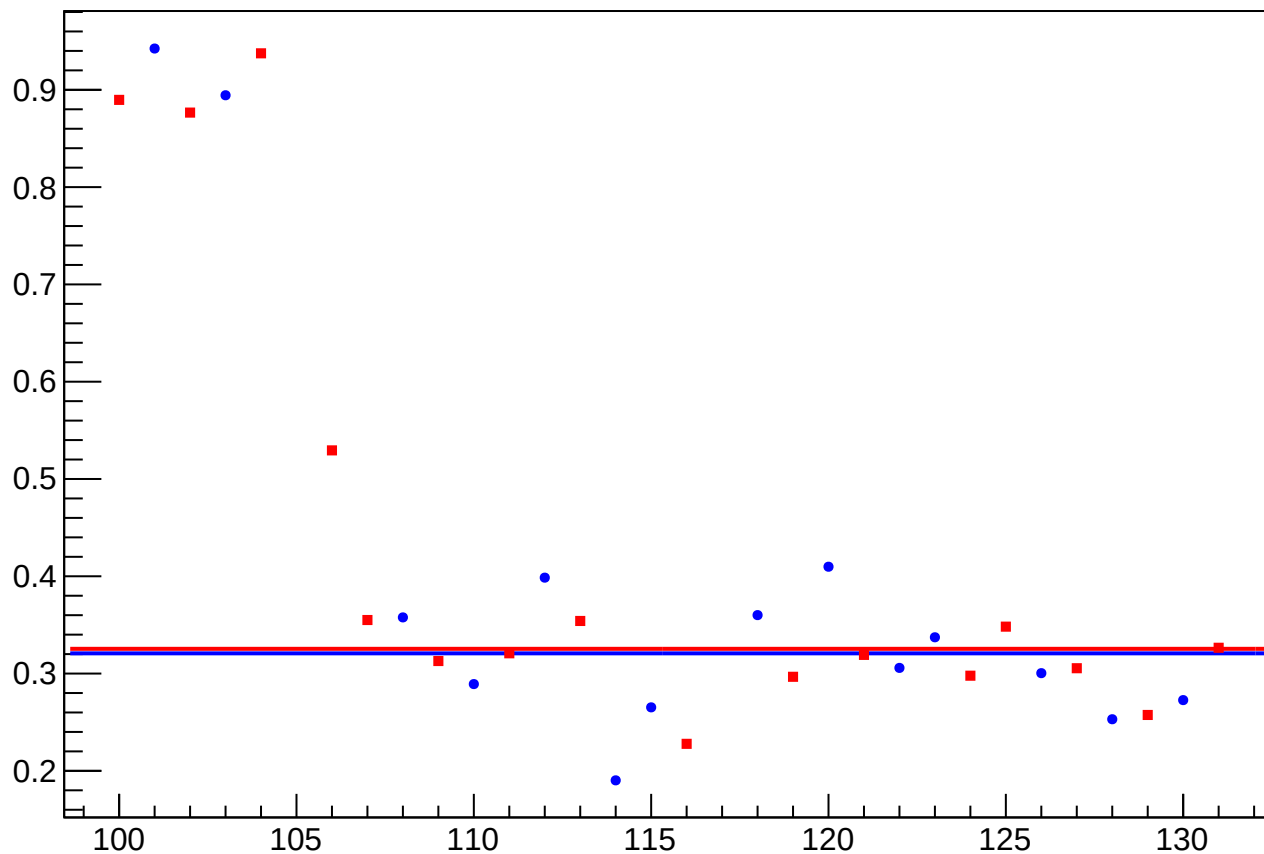
All: 0.315+/-0.000 χ^2/NDF : 2450084.2/29

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 142.854+/-0.000 χ^2/NDF : 2839157440.4/13
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 144.935+/-0.000 χ^2/NDF : 3763823743.6/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 143.953+/-0.000 χ^2/NDF : 6696388353.8

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.321+/-0.000 χ^2/NDF : 1231219.6/13

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

Right Out: 0.325+/-0.000 χ^2/NDF : 1117273.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

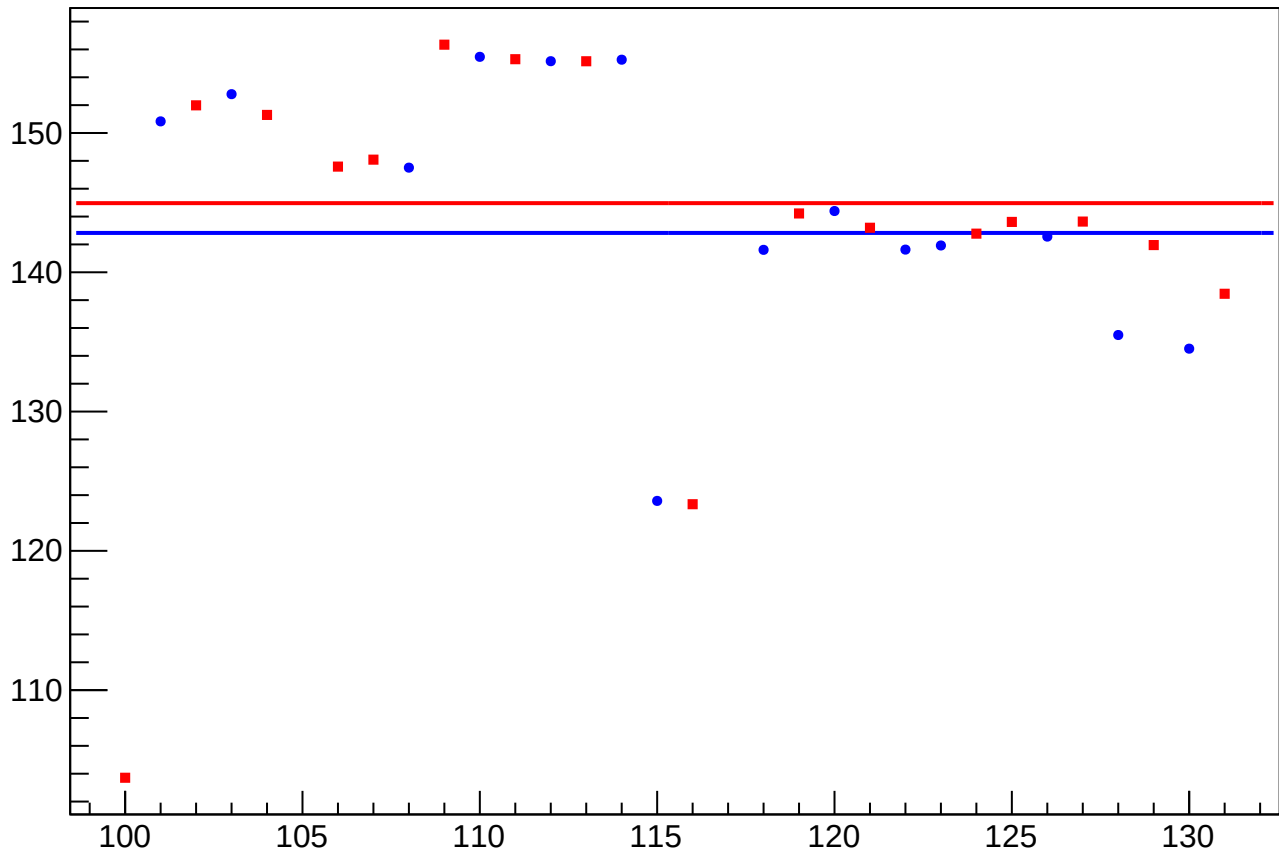
Right: 0.323+/-0.000 χ^2/NDF : 2349424.9/29

In: 0.321+/-0.000 χ^2/NDF :1231219.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.323+/-0.000 χ^2/NDF : 2349424.9/29

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 143.956+/-0.000 χ^2/NDF : 6910755272.7/29

In: 142.825+/-0.000 χ^2/NDF : 2973320977.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.956+/-0.000 χ^2/NDF : 6910755272.7

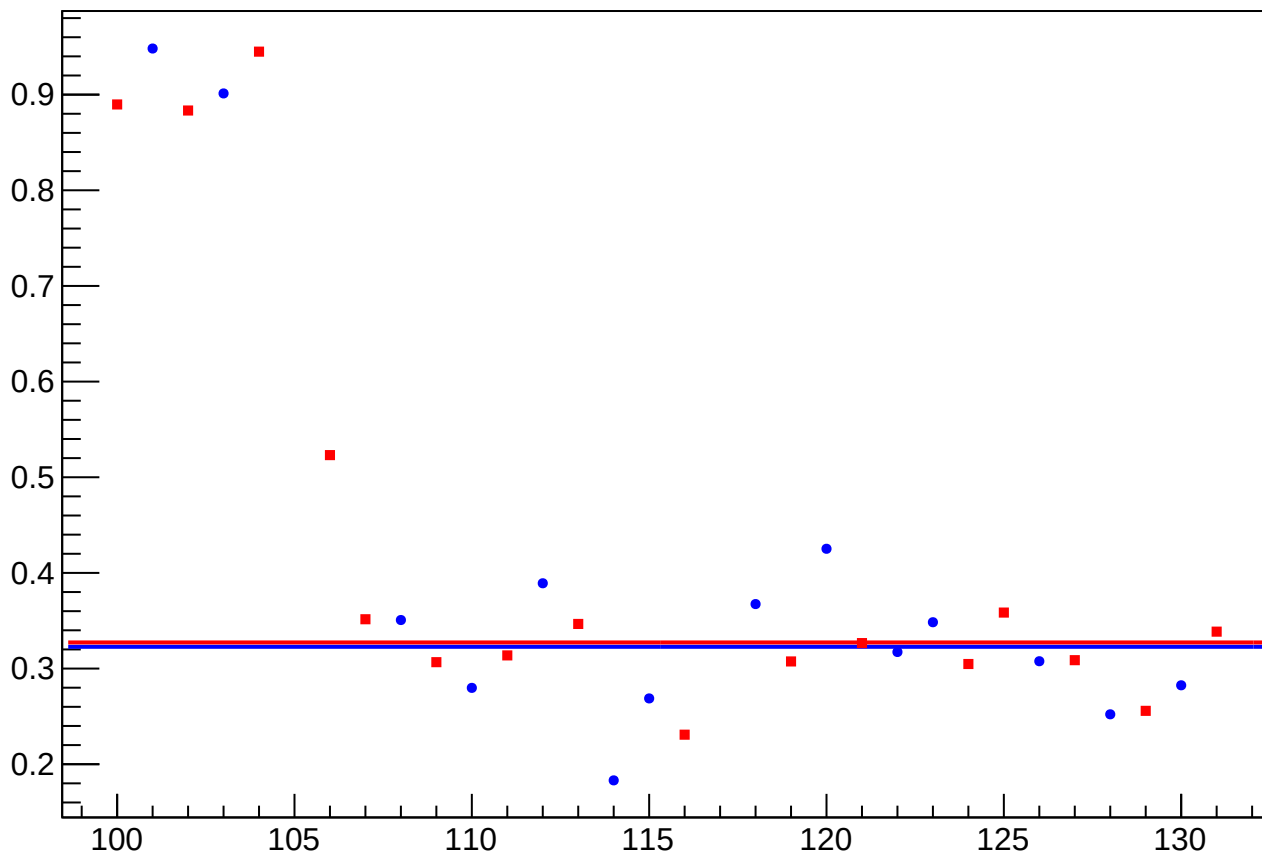
Right In: 142.825+/-0.000 χ^2/NDF : 2973320977.3/13

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

Right Out: 144.963+/-0.000 χ^2/NDF : 3840130662.2/15

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

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.323+/-0.000 χ^2/NDF : 1245322.1/13

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

Right Out: 0.327+/-0.000 χ^2/NDF : 1111753.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

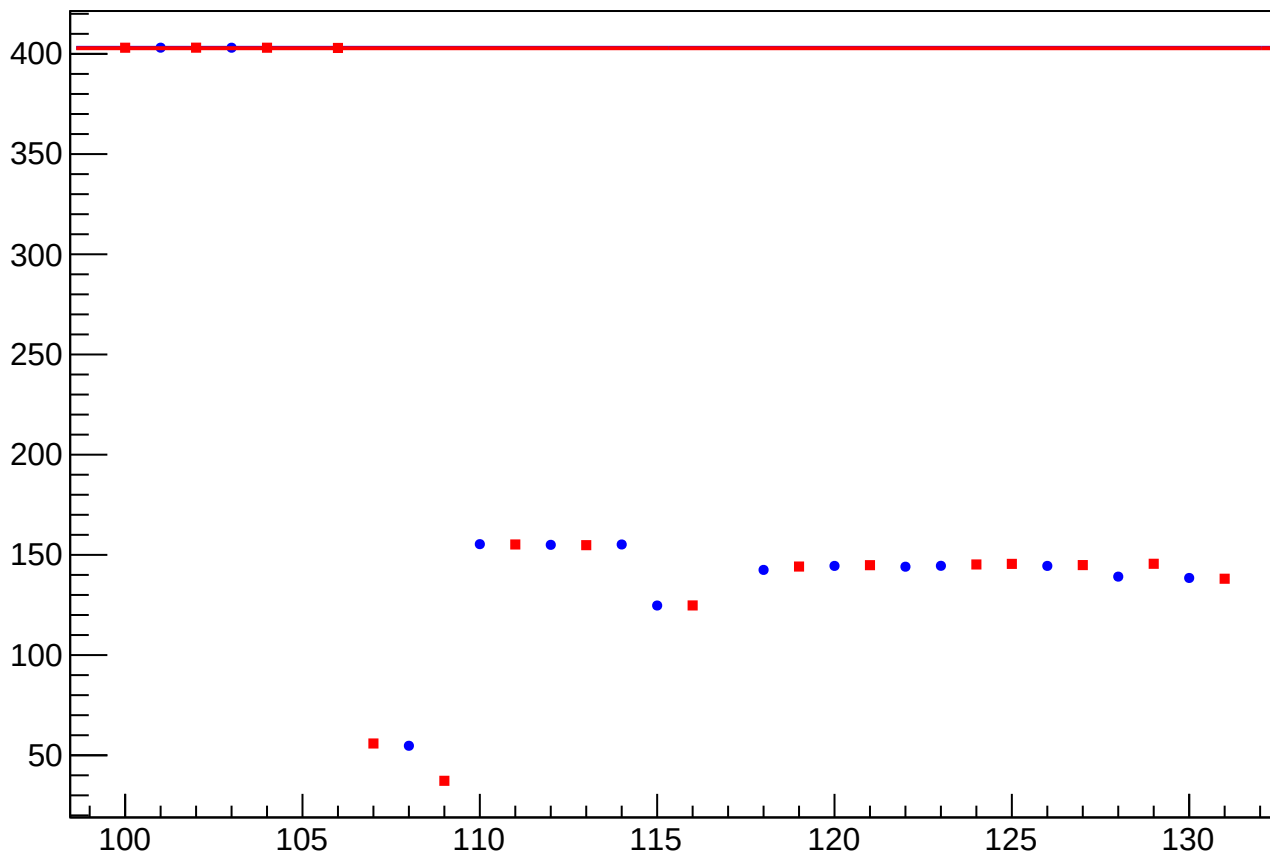
Right: 0.325+/-0.000 χ^2/NDF : 2357956.9/29

In: 0.323+/-0.000 χ^2/NDF :1245322.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

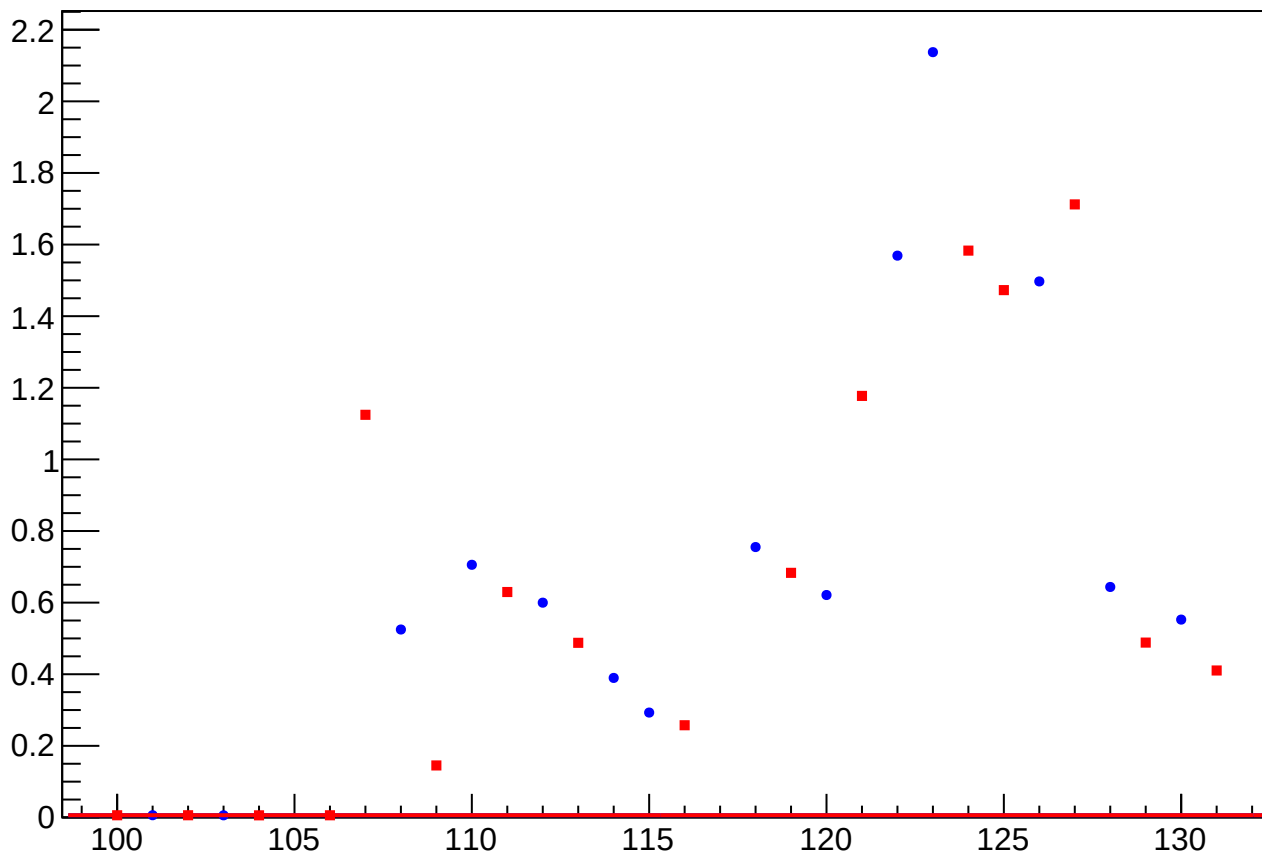
All: 0.325+/-0.000 χ^2/NDF : 2357956.9/29

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 403.014+/-0.000 χ^2/NDF : 647470966963.2/13
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 402.829+/-0.000 χ^2/NDF : 2830245954730.9/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 402.915+/-0.000 χ^2/NDF : 3478282520514.8

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 6520929.3/13

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

Right Out: 0.006+/-0.000 χ^2/NDF : 7166561.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

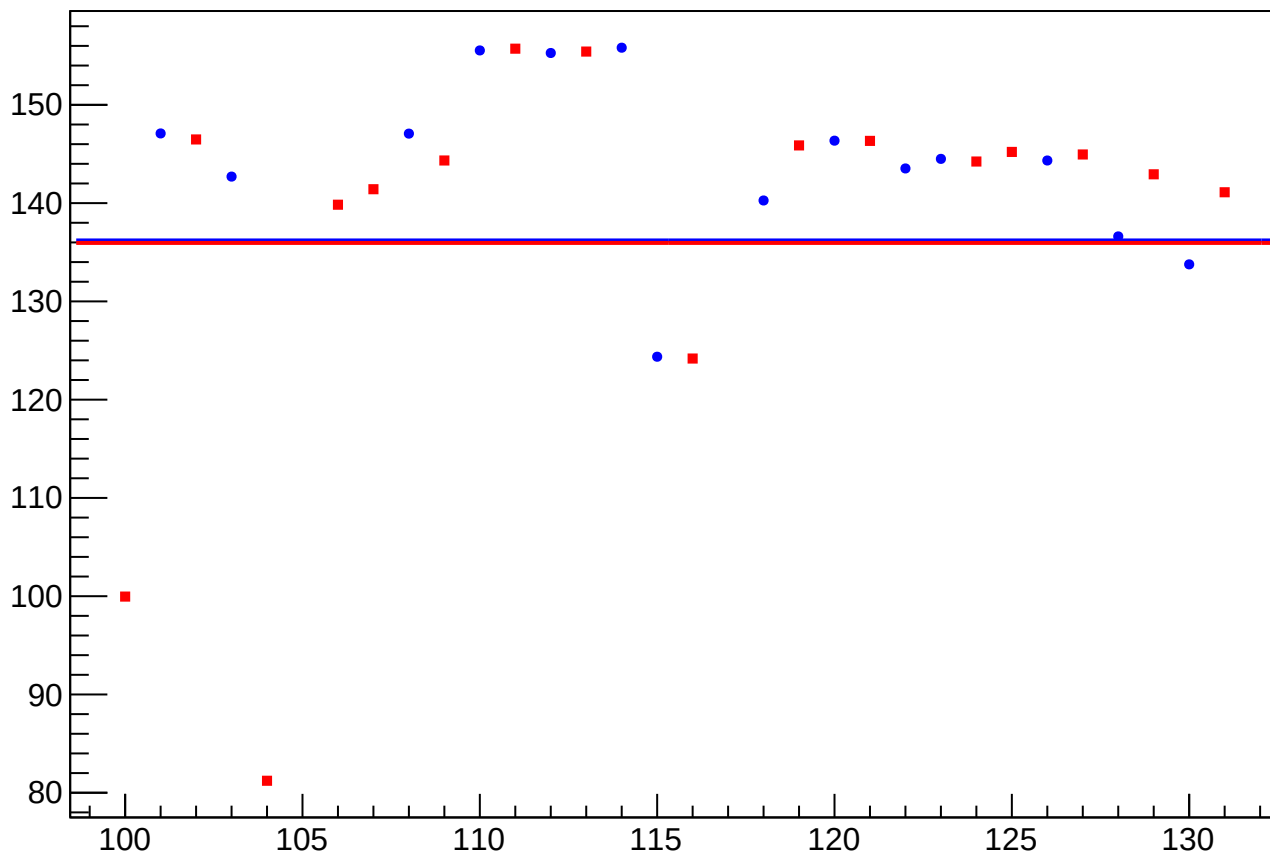
Right: 0.006+/-0.000 χ^2/NDF : 13687515.1/29

In: 0.006+/-0.000 χ^2/NDF : 6520929.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

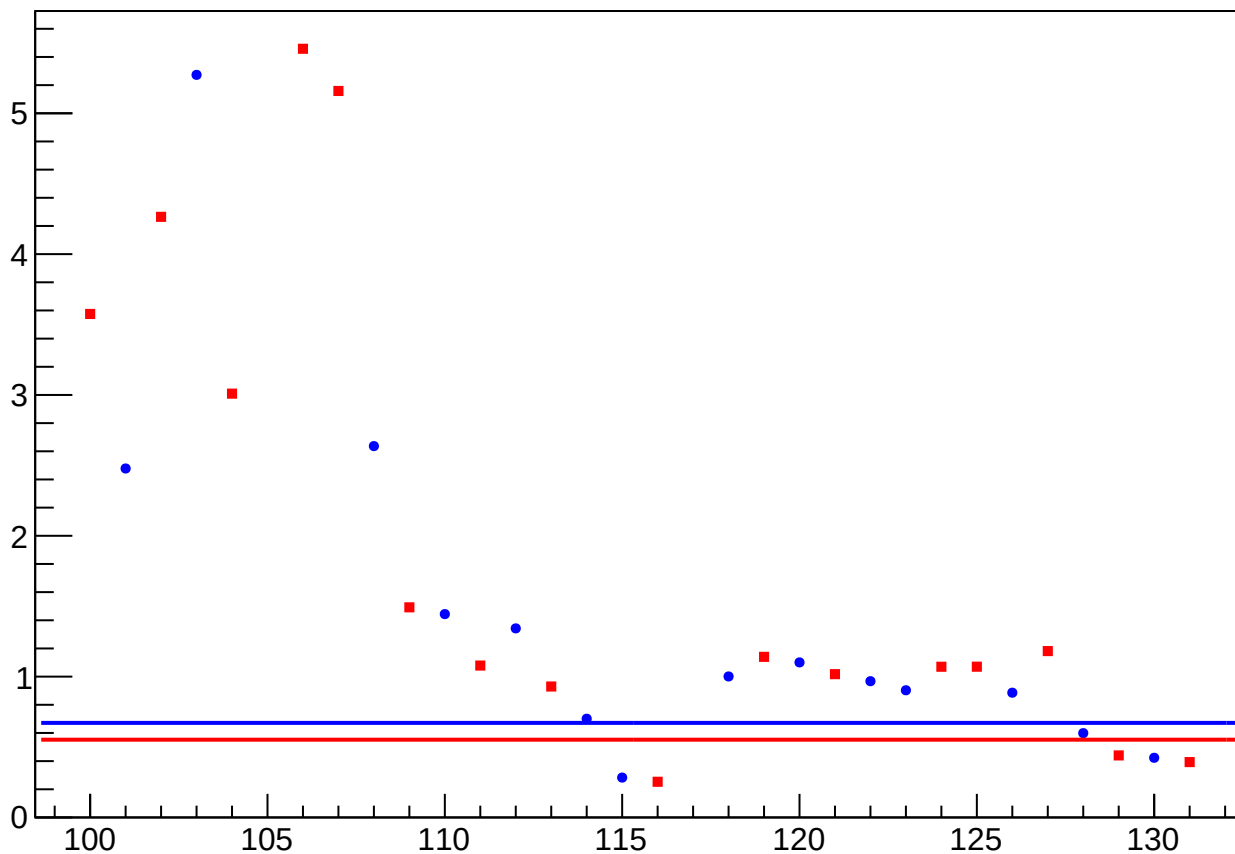
All: 0.006+/-0.000 χ^2/NDF : 13687515.1/29

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 136.201 $\pm$ 0.000 χ^2 /NDF: 520737120.1/13
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 135.951 $\pm$ 0.000 χ^2 /NDF: 1151798548.4/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 136.052 $\pm$ 0.000 χ^2 /NDF: 1672763850.1/29
 In: 136.201 $\pm$ 0.000 χ^2 /NDF:520737120.1/13
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 136.052 $\pm$ 0.000 χ^2 /NDF: 1672763850.1

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.672+/-0.000 χ^2/NDF : 3066602.1/13

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

Right Out: 0.552+/-0.000 χ^2/NDF : 4587918.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

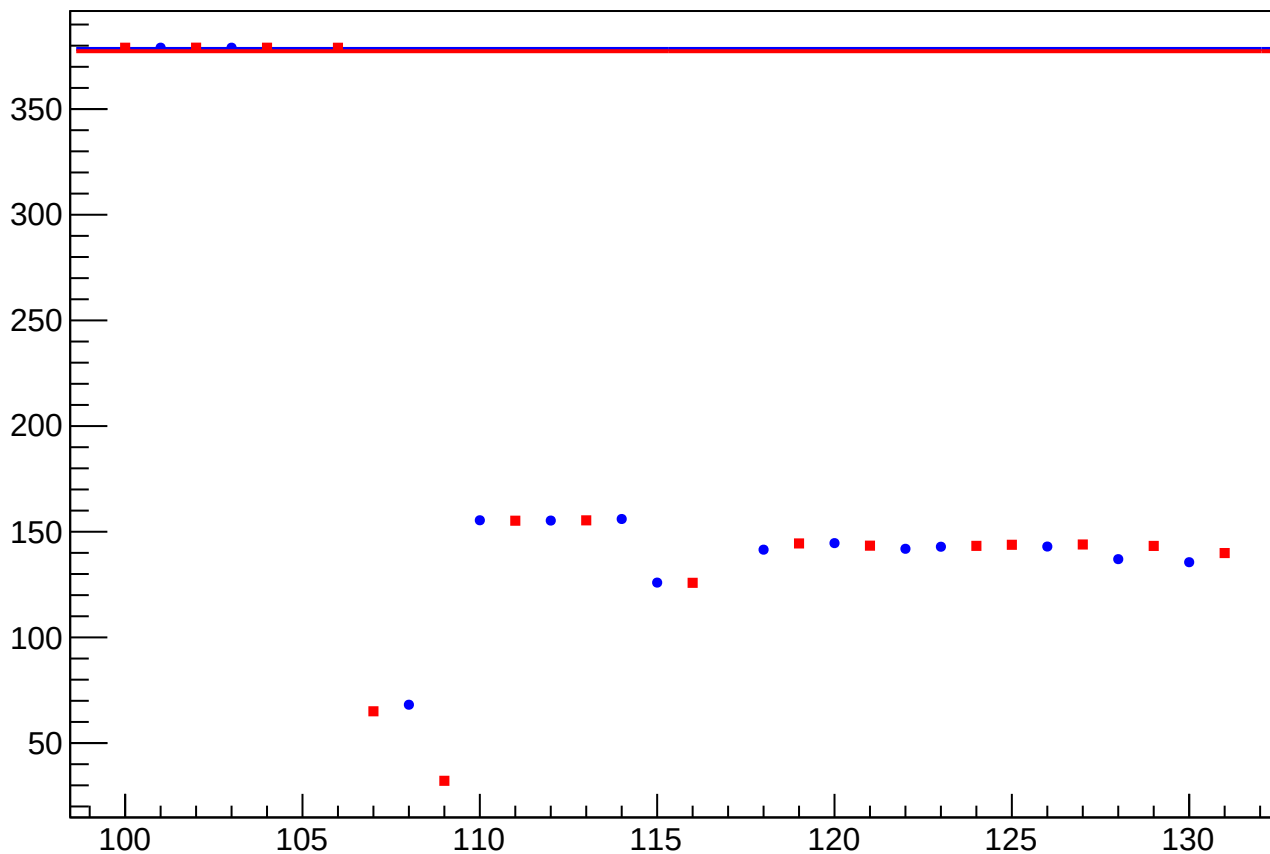
Right: 0.600+/-0.000 χ^2/NDF : 7758024.6/29

In: 0.672+/-0.000 χ^2/NDF : 3066602.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

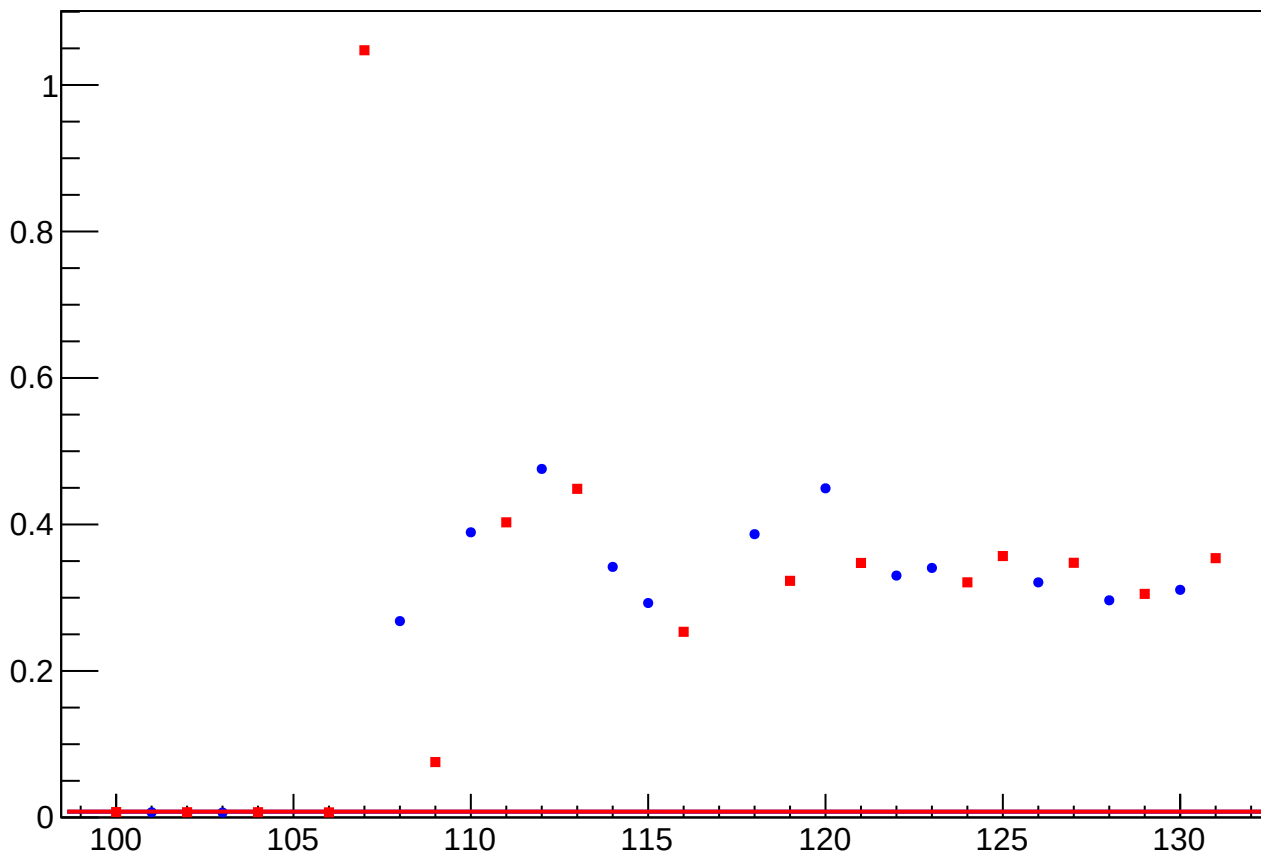
All: 0.600+/-0.000 χ^2/NDF : 7758024.6/29

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 378.448 $\pm$ 0.000 χ^2 /NDF: 2001467693961.3/13
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 377.378 $\pm$ 0.000 χ^2 /NDF: 7967521490398.6/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 377.878 $\pm$ 0.000 χ^2 /NDF: 9977115686506.6/13

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 7179459.9/13

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

Right Out: 0.008+/-0.000 χ^2/NDF : 7468052.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

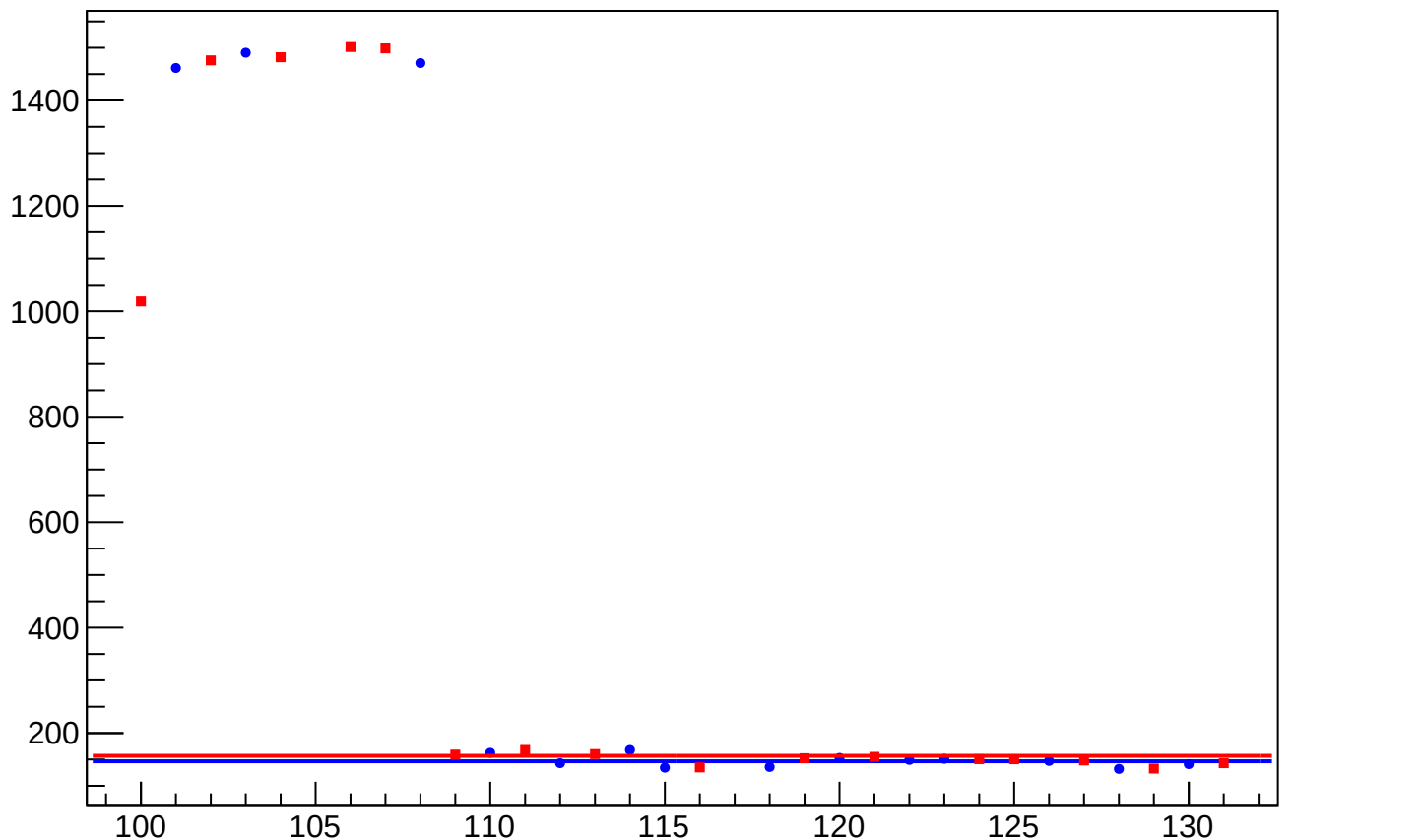
Right: 0.008+/-0.000 χ^2/NDF : 14647749.0/29

In: 0.008+/-0.000 χ^2/NDF : 7179459.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

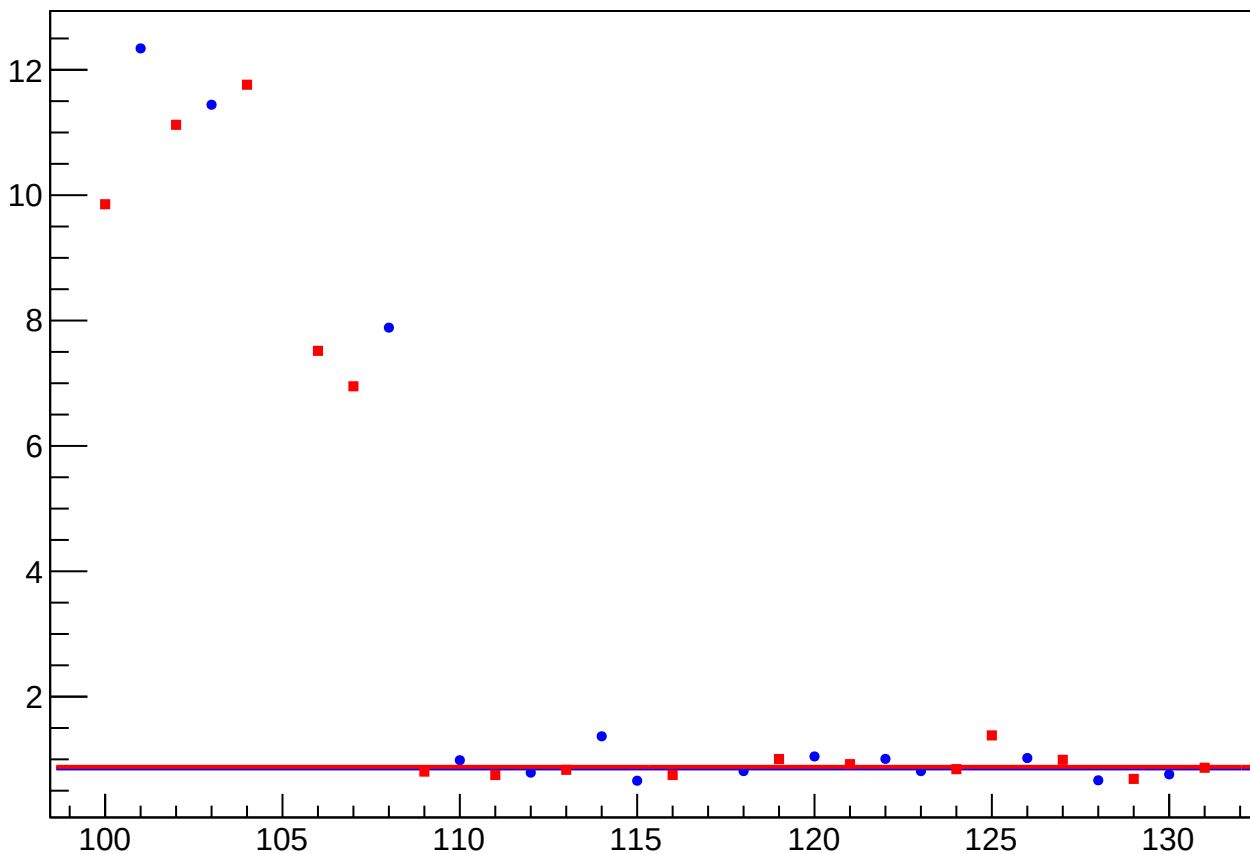
All: 0.008+/-0.000 χ^2/NDF : 14647749.0/29

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 146.567+/-0.000 χ^2/NDF : 24337534936.2/13
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 156.893+/-0.000 χ^2/NDF : 33442089599.5/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 151.843+/-0.000 χ^2/NDF : 57998472566.8/29
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 151.843+/-0.000 χ^2/NDF : 57998472566.8/29
 In: 146.567+/-0.000 χ^2/NDF : 24337534936.2/13
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.855+/-0.000 χ^2/NDF : 2650611.7/13

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

Right Out: 0.881+/-0.000 χ^2/NDF : 2791477.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

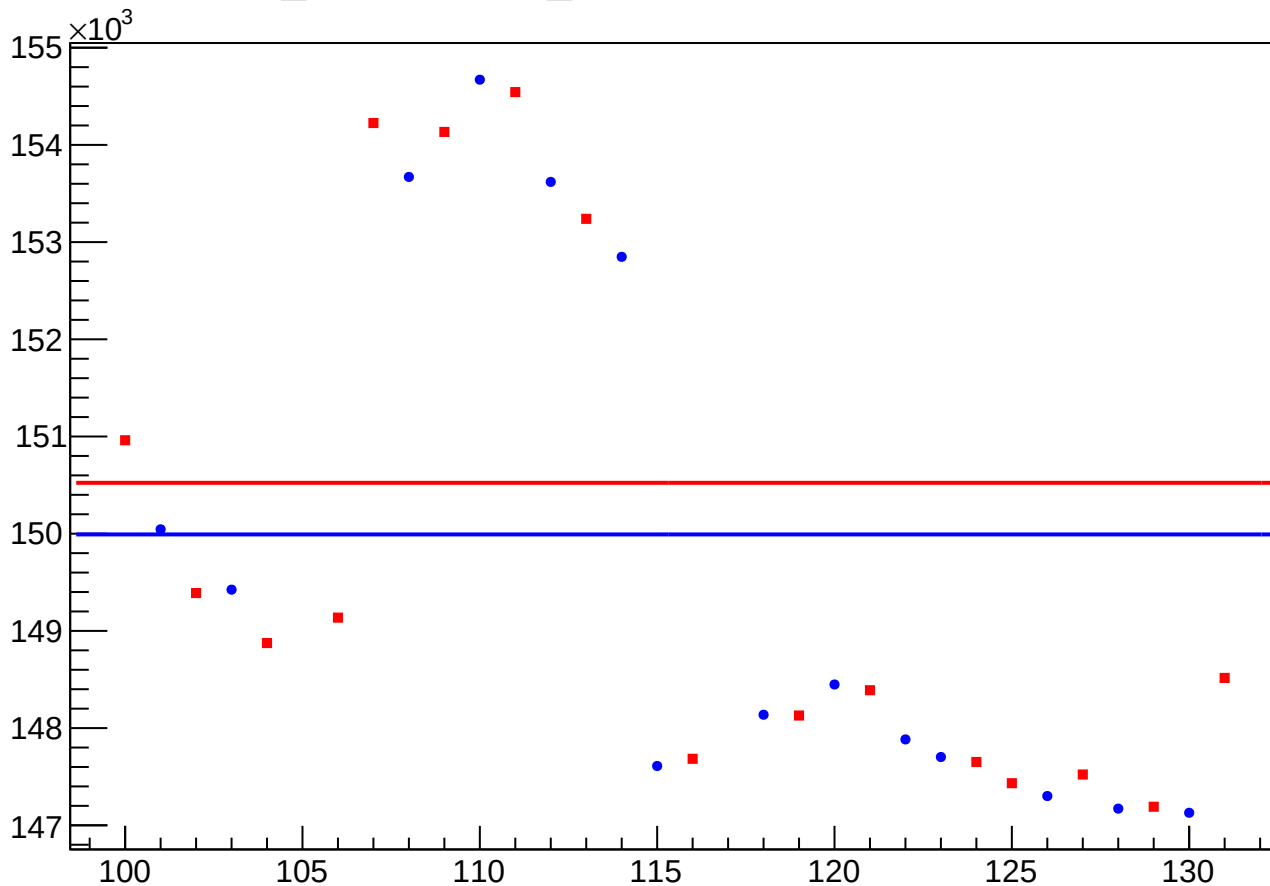
Right: 0.868+/-0.000 χ^2/NDF : 5444744.7/29

In: 0.855+/-0.000 χ^2/NDF : 2650611.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.868+/-0.000 χ^2/NDF : 5444744.7/29

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 149992.575+/-0.069 χ^2 /NDF: 1832002082.2/13

Right: 150281.708+/-0.047 χ^2 /NDF: 4156310678.5

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

Right Out: 150523.588+/-0.063 χ^2 /NDF: 2292192870.7/15

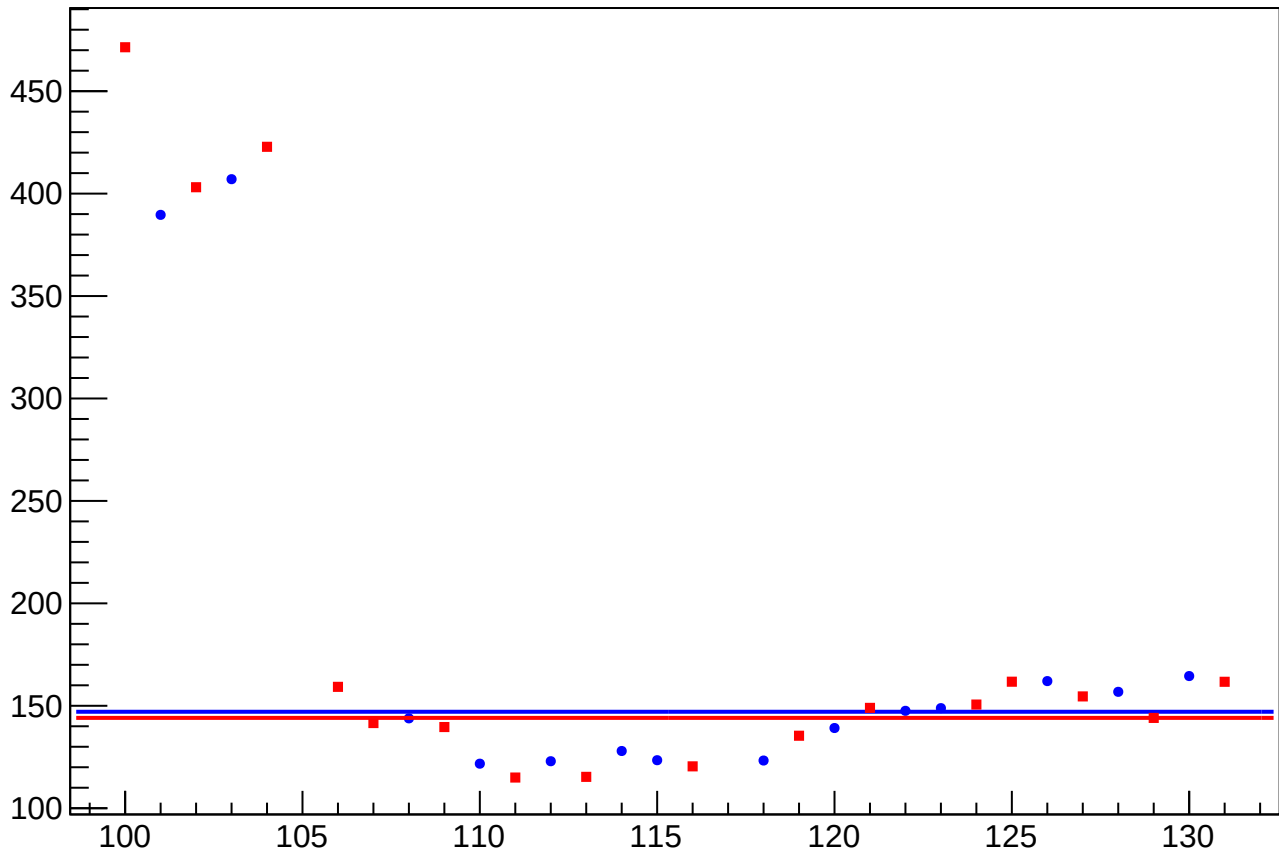
In: 149992.575+/-0.069 χ^2 /NDF: 1832002082.2/13

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 150281.708+/-0.047 χ^2 /NDF: 4156310678.5

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 147.086+/-0.049 χ^2/NDF : 1051463.3/13

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

Right Out: 144.097+/-0.045 χ^2/NDF : 1101303.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

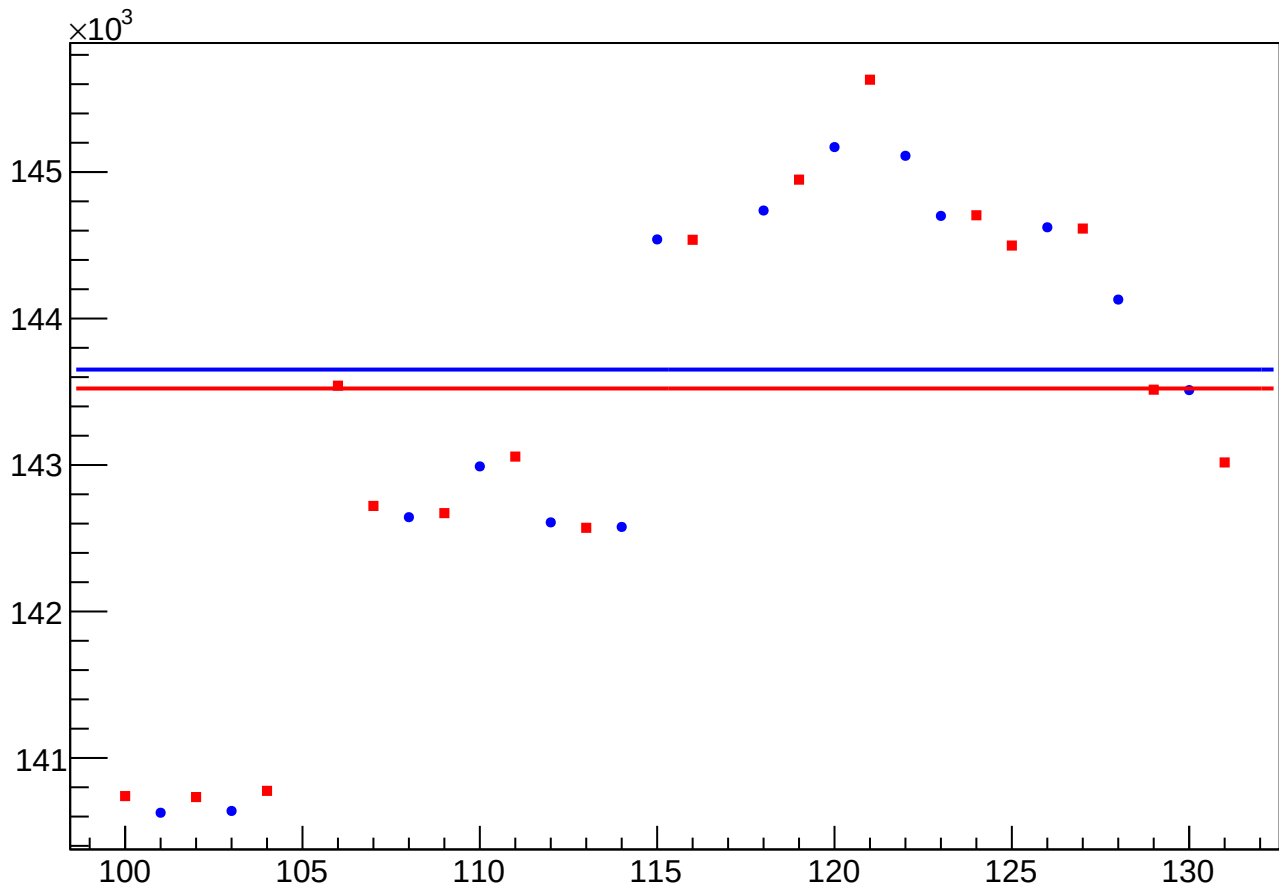
Right: 145.458+/-0.033 χ^2/NDF : 2154801.4/29

In: 147.086+/-0.049 χ^2/NDF : 1051463.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.458+/-0.033 χ^2/NDF : 2154801.4/29

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 143651.602+/-0.058 χ^2 /NDF: 368840123.4/13

Right: 143580.087+/-0.039 χ^2 /NDF: 778678041.5/2

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

Right Out: 143522.392+/-0.052 χ^2 /NDF: 407092735.3/15

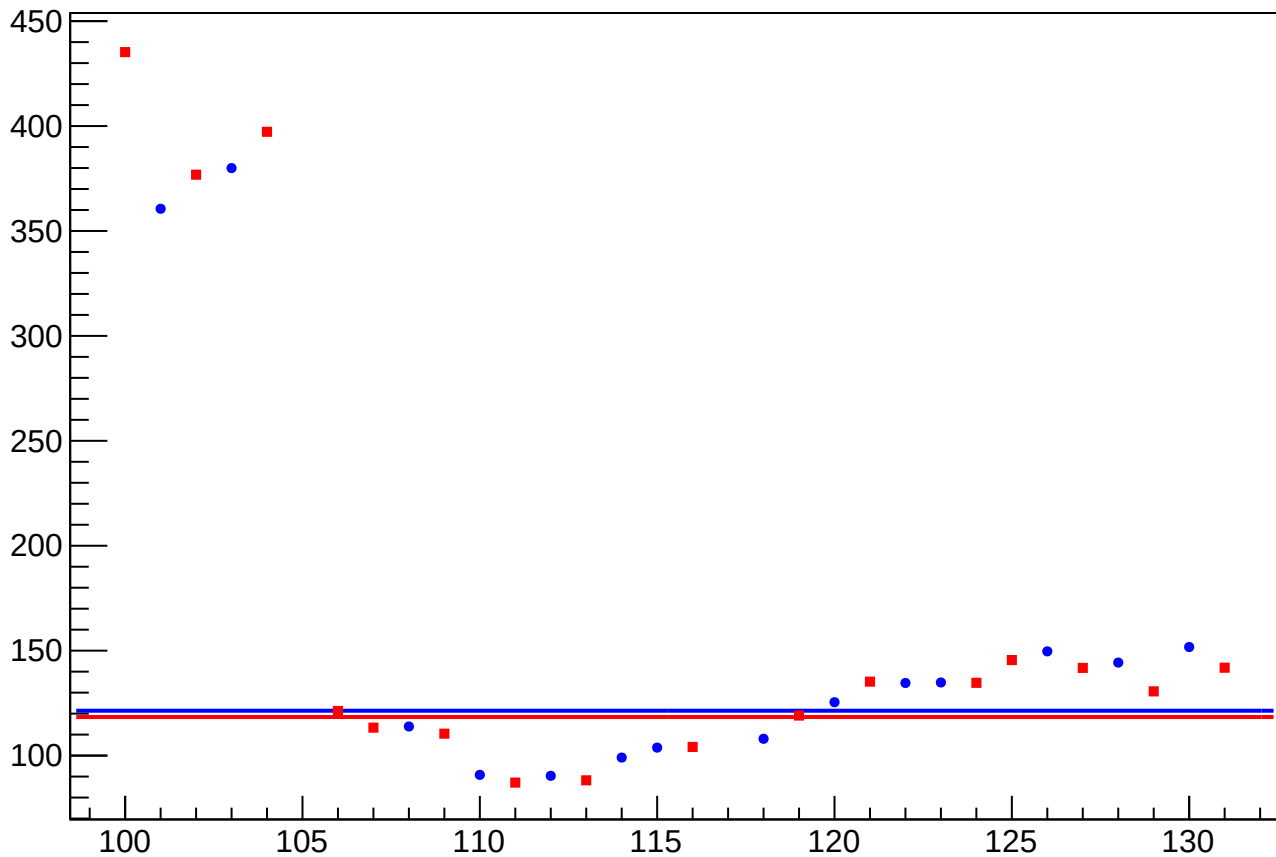
In: 143651.602+/-0.058 χ^2 /NDF: 368840123.4/13

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 143580.087+/-0.039 χ^2 /NDF: 778678041.5/2

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 121.387+/-0.041 χ^2/NDF : 1347457.1/13

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

Right Out: 118.382+/-0.037 χ^2/NDF : 1383907.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

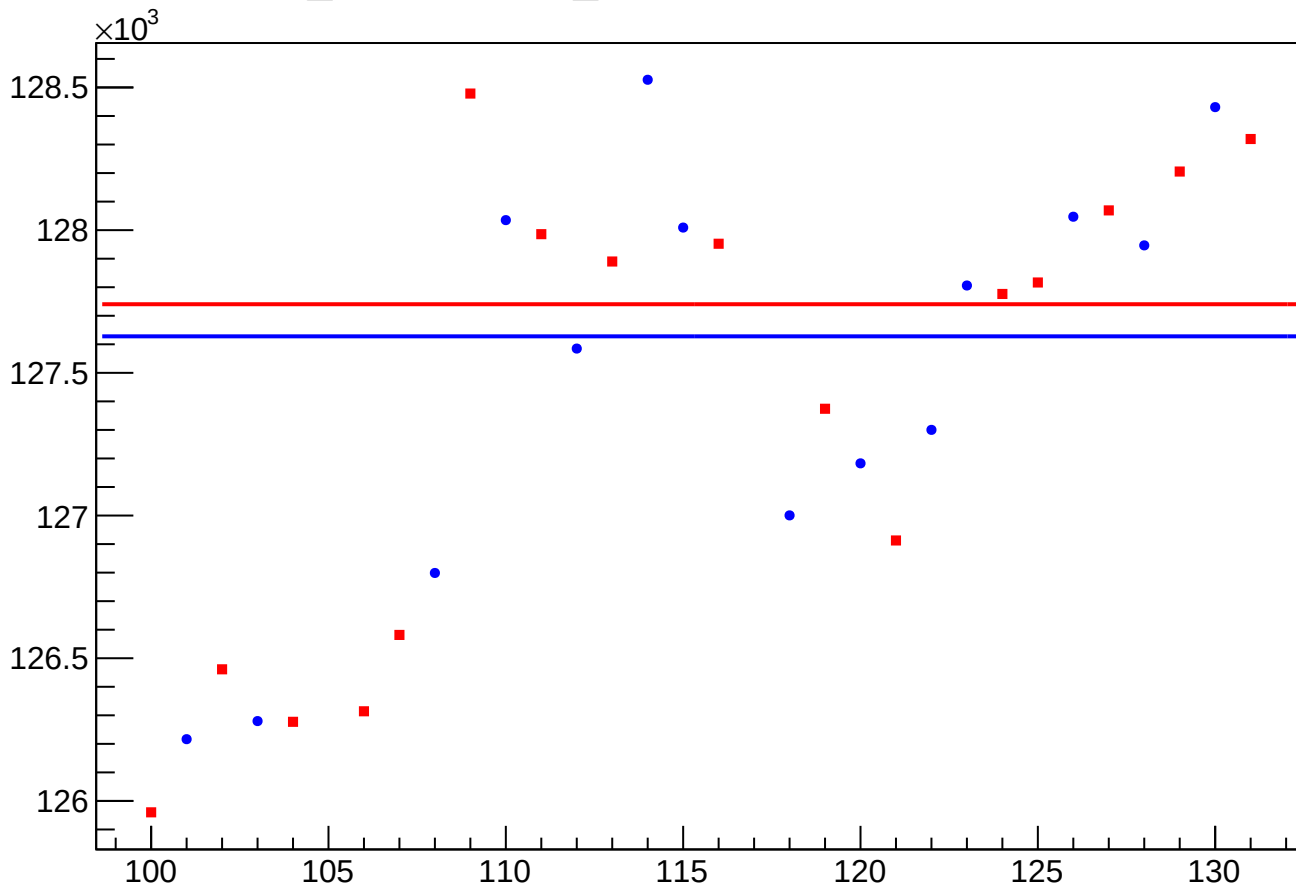
Right: 119.724+/-0.027 χ^2/NDF : 2734333.1/29

In: 121.387+/-0.041 χ^2/NDF : 1347457.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.724+/-0.027 χ^2/NDF : 2734333.1/29

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 127627.915+/-0.066 χ^2 /NDF: 84045204.4/13

Right: 127691.314+/-0.044 χ^2 /NDF: 194593970.7/2

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

Right Out: 127740.433+/-0.058 χ^2 /NDF: 108922598.6/15

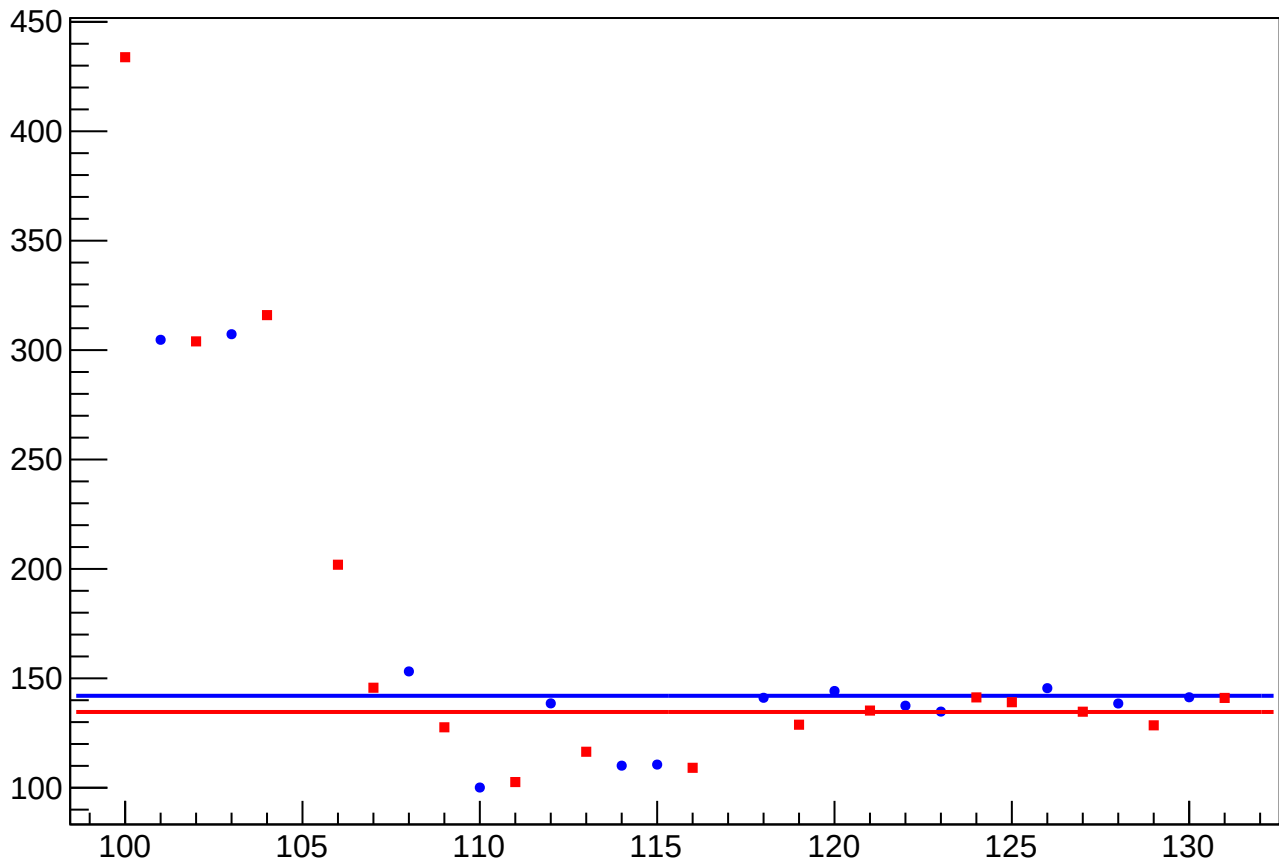
In: 127627.915+/-0.066 χ^2 /NDF: 84045204.4/13

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 127691.314+/-0.044 χ^2 /NDF: 194593970.7/2

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 142.024+/-0.047 χ^2/NDF : 822849.3/13

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

Right Out: 134.628+/-0.041 χ^2/NDF : 927637.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

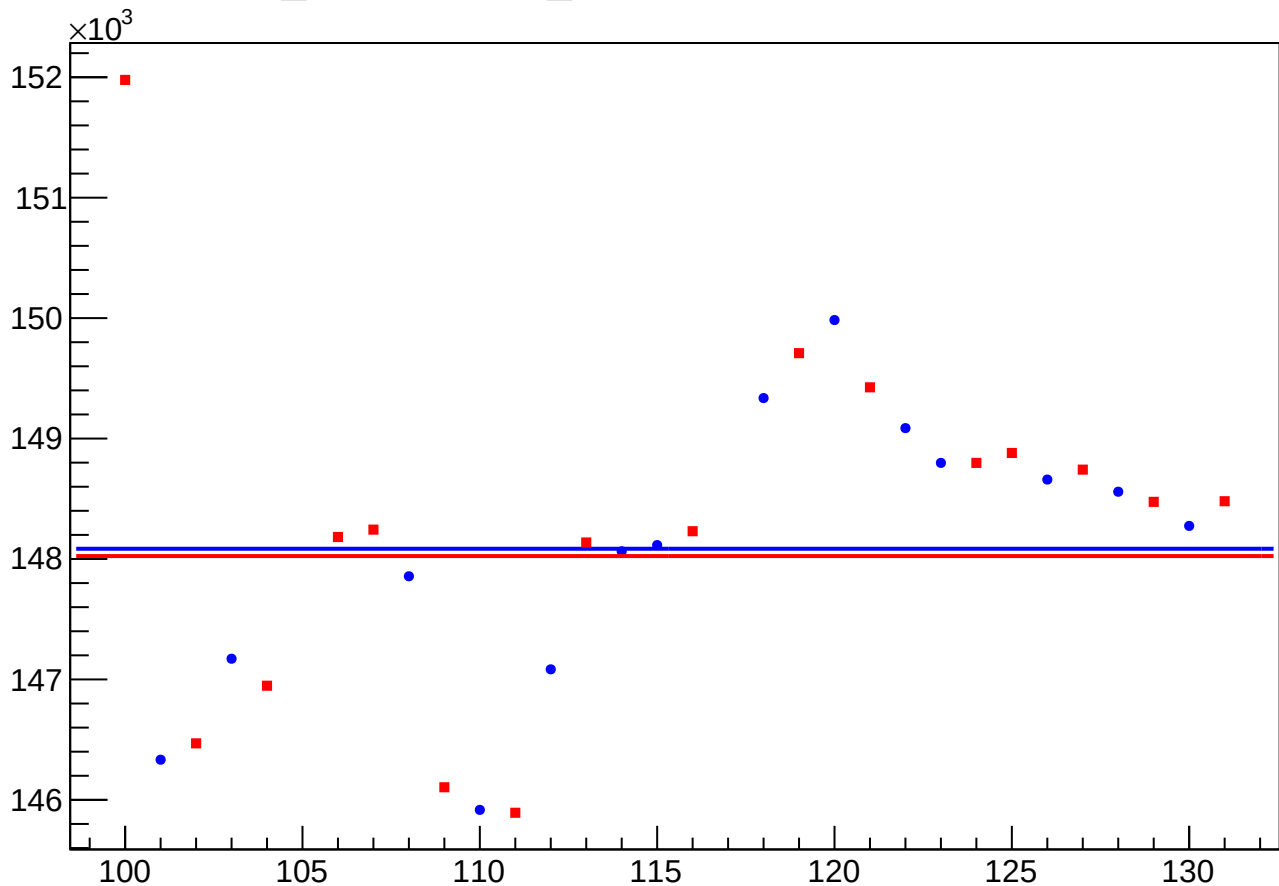
Right: 137.857+/-0.031 χ^2/NDF : 1764536.4/29

In: 142.024+/-0.047 χ^2/NDF : 822849.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

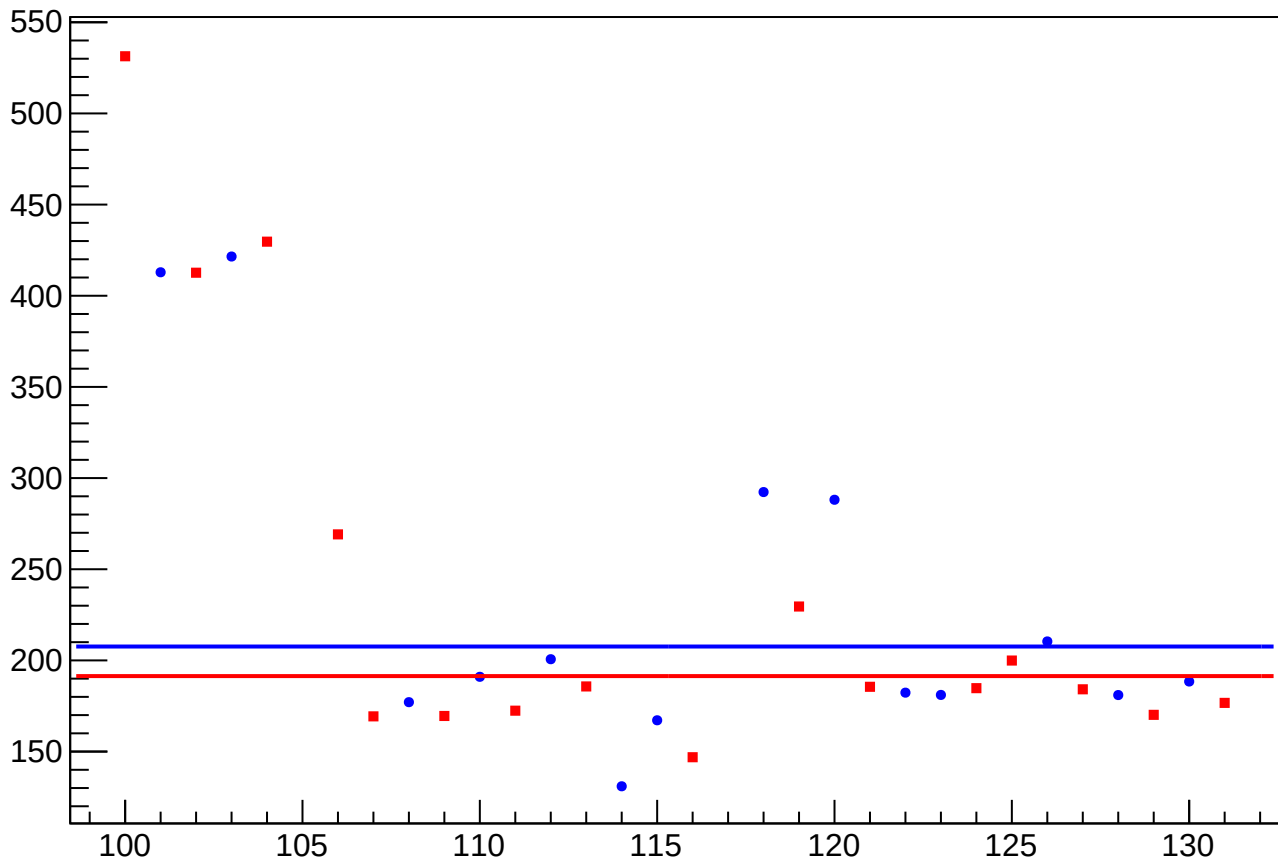
All: 137.857+/-0.031 χ^2/NDF : 1764536.4/29

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 148085.042+/-0.097 χ^2 /NDF: 107268816.6/13
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right Out: 148024.269+/-0.083 χ^2 /NDF: 209355478.1/15
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 148049.904+/-0.063 χ^2 /NDF: 316850543.7/2

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 207.614+/-0.069 χ^2/NDF : 873417.2/13

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

Right Out: 191.394+/-0.059 χ^2/NDF : 842032.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

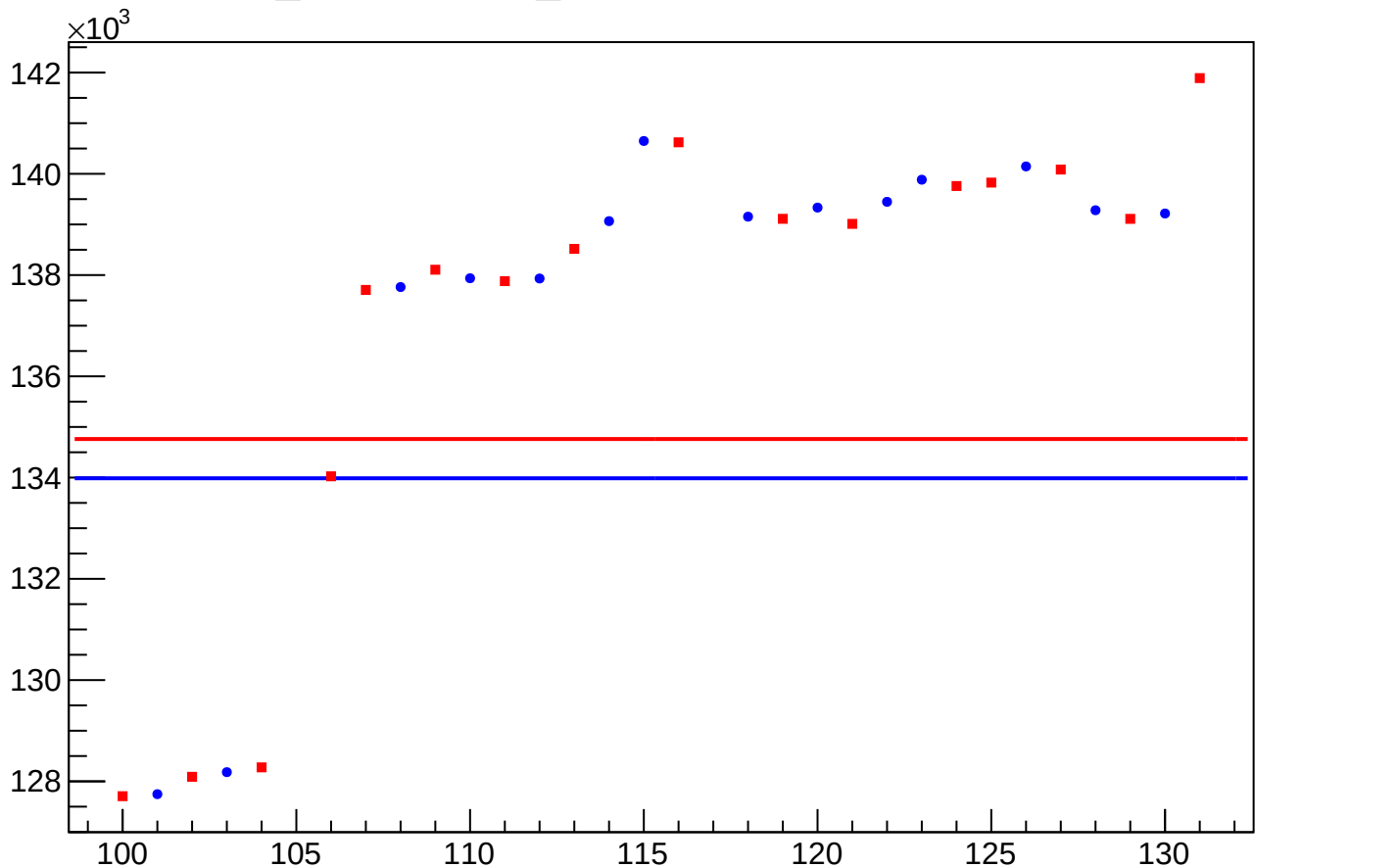
Right: 198.236+/-0.045 χ^2/NDF : 1747681.0/29

In: 207.614+/-0.069 χ^2/NDF : 873417.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

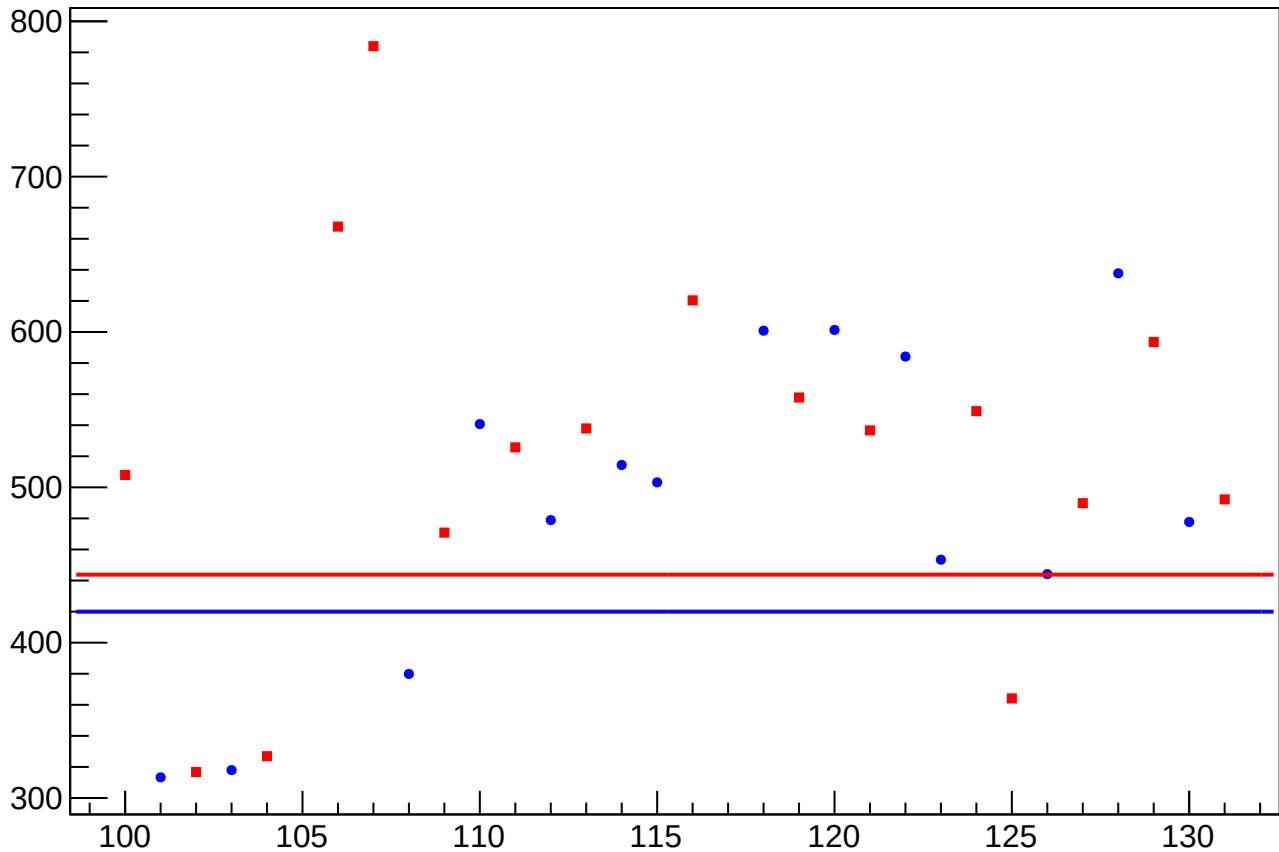
All: 198.236+/-0.045 χ^2/NDF : 1747681.0/29

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: 133986.294 $\pm$ 0.198 χ^2 /NDF: 778892545.7/13
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 134761.617 $\pm$ 0.195 χ^2 /NDF: 770422144.4/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 134378.454 $\pm$ 0.139 χ^2 /NDF: 1557090456.1/15
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 134378.454 $\pm$ 0.139 χ^2 /NDF: 1557090456.1/15
 In: 133986.294 $\pm$ 0.198 χ^2 /NDF:778892545.7/13
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 419.960 $\pm$ 0.140 χ^2 /NDF: 632547.2/13

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

Right Out: 443.787 $\pm$ 0.138 χ^2 /NDF: 729973.4/15

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

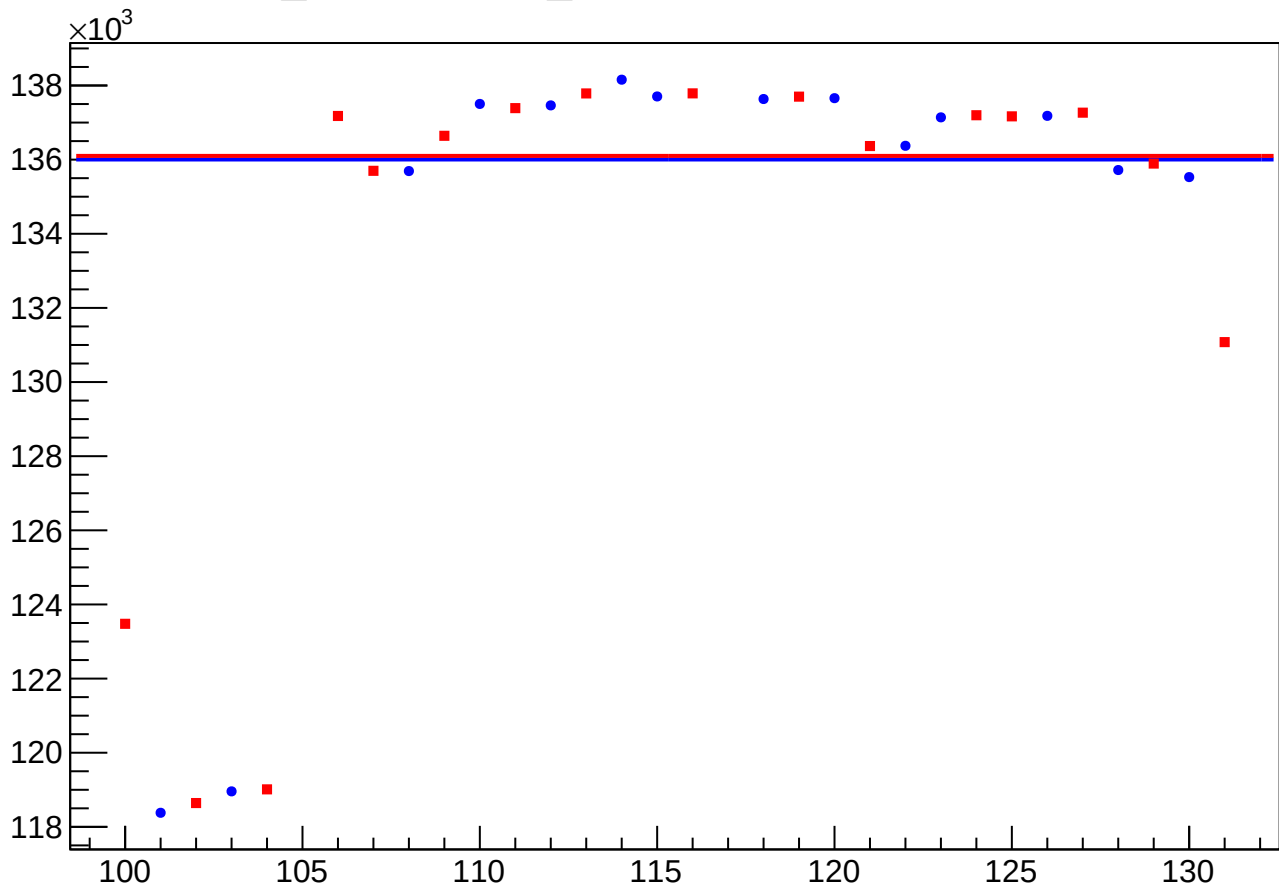
Right: 432.012 $\pm$ 0.098 χ^2 /NDF: 1377208.6/29

In: 419.960 $\pm$ 0.140 χ^2 /NDF:632547.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

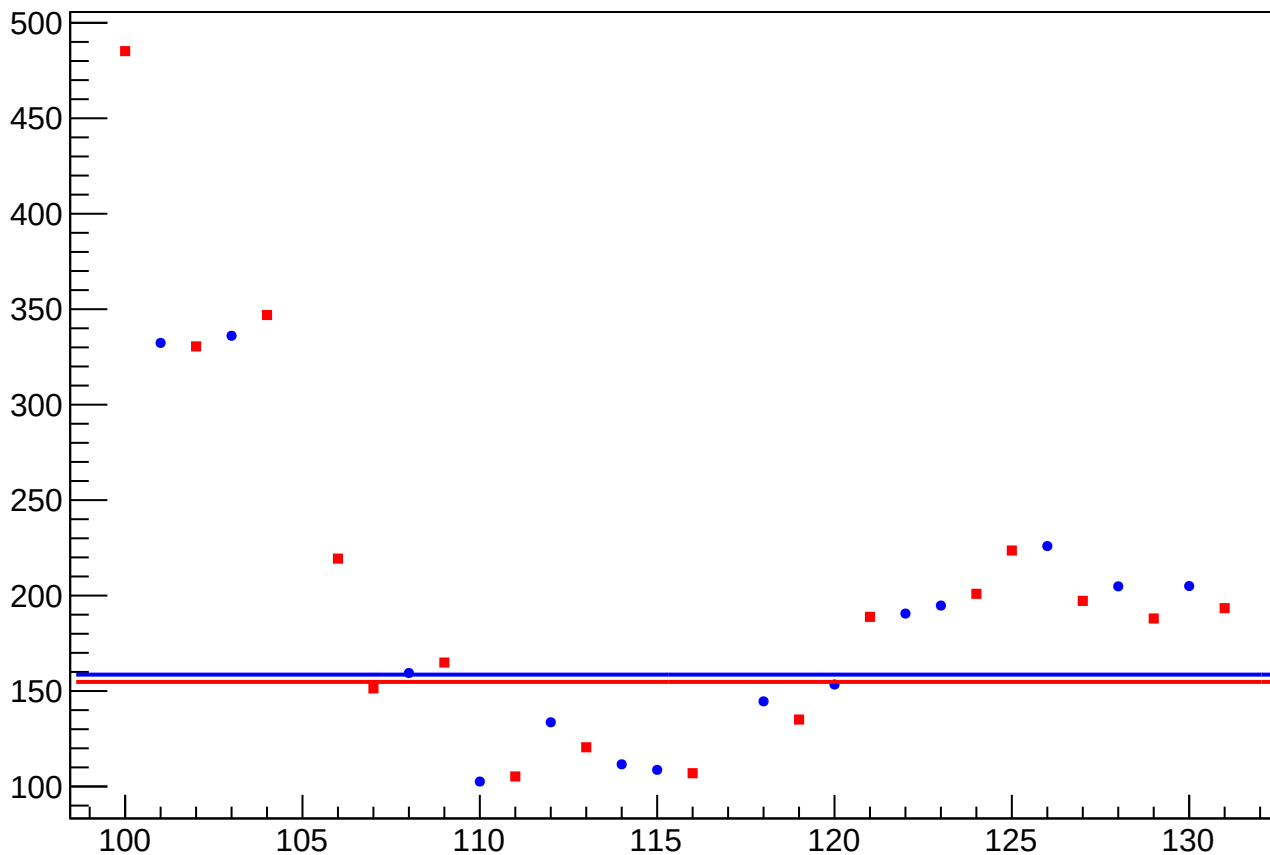
All: 432.012 $\pm$ 0.098 χ^2 /NDF: 1377208.6/29

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 136004.005 $\pm$ 0.075 χ^2 /NDF: 3414942418.0/13
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 136100.968 $\pm$ 0.068 χ^2 /NDF: 3324922886.3/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 136004.005 $\pm$ 0.075 χ^2 /NDF: 3414942418.0/13
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 136057.240 $\pm$ 0.051 χ^2 /NDF: 6740775655.1/13

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 158.601+/-0.053 χ^2/NDF : 1145176.2/13

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

Right Out: 154.782+/-0.048 χ^2/NDF : 1286167.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

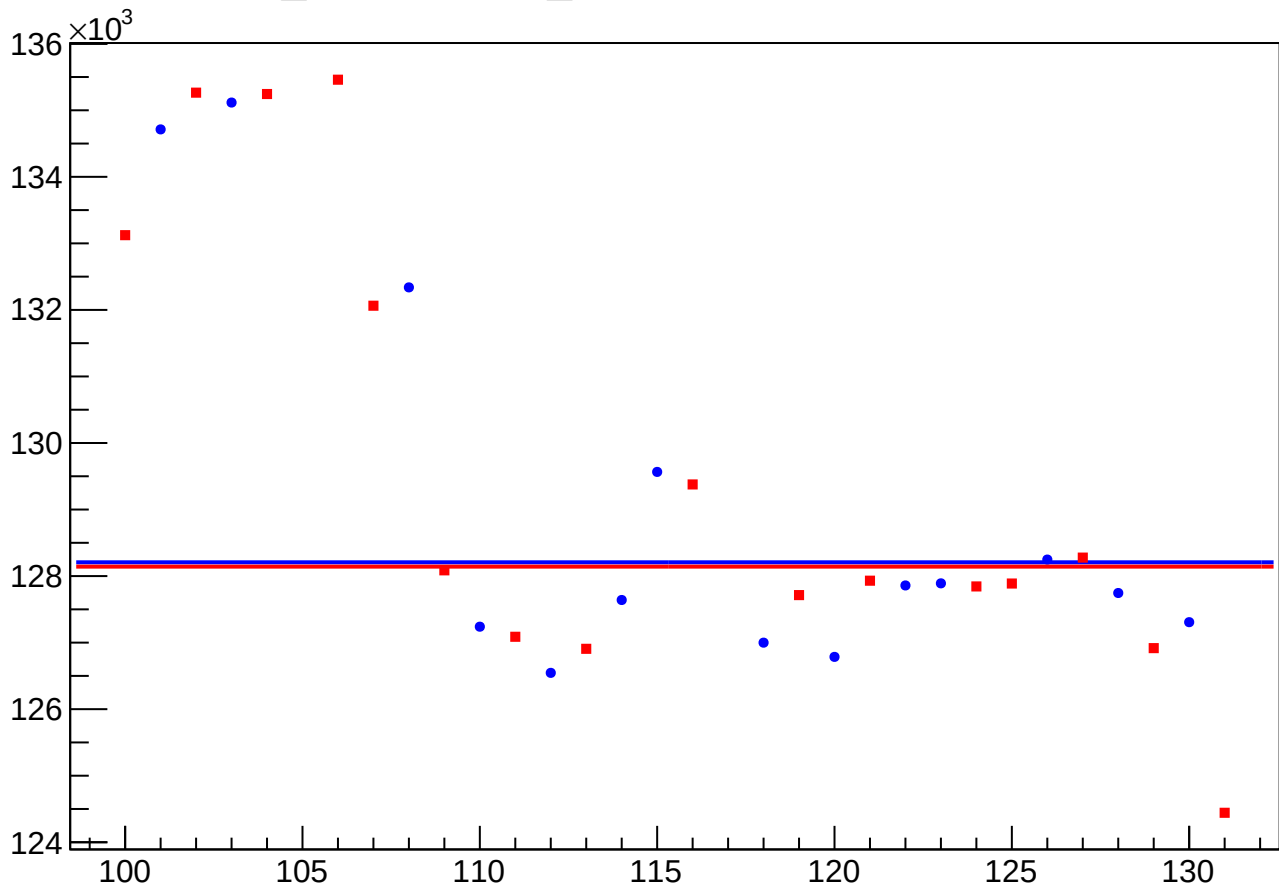
Right: 156.504+/-0.036 χ^2/NDF : 2434168.3/29

In: 158.601+/-0.053 χ^2/NDF : 1145176.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

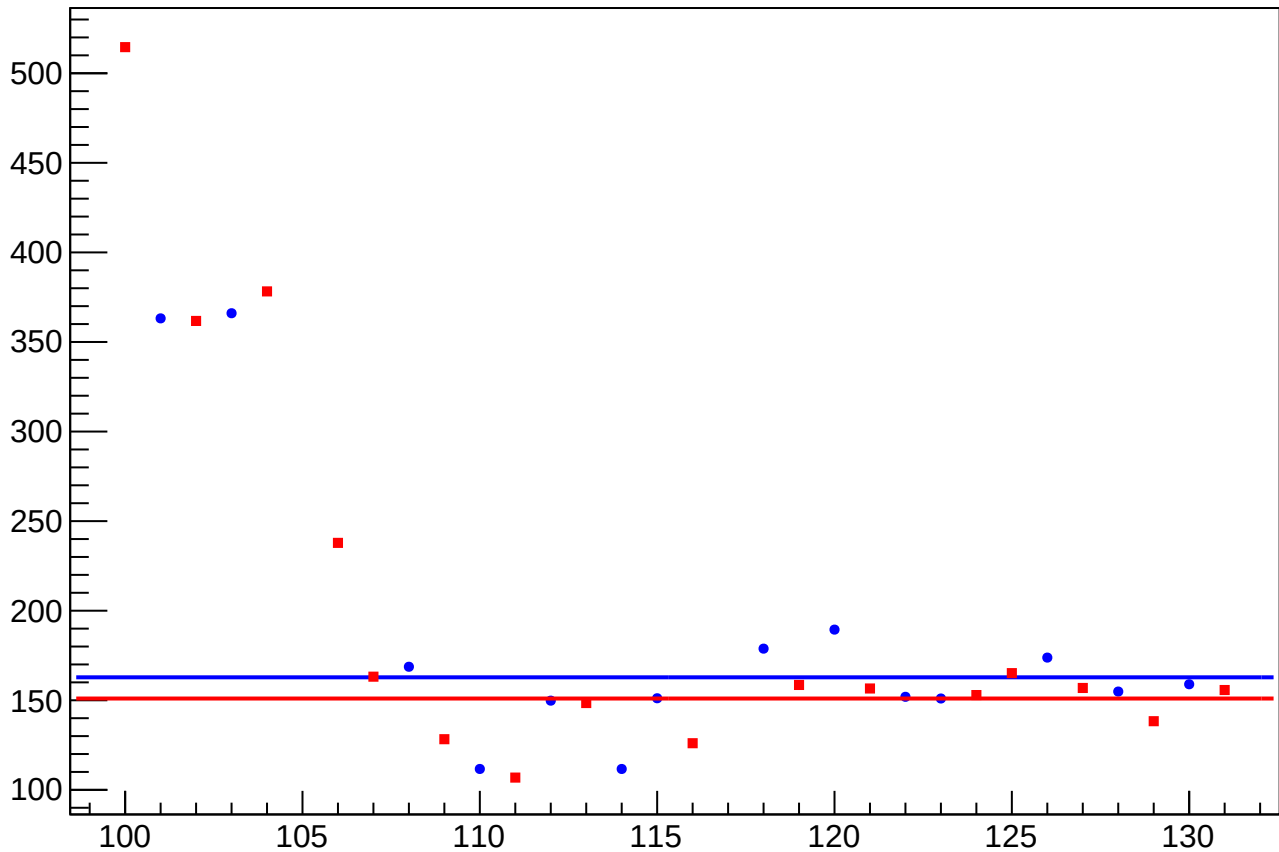
All: 156.504+/-0.036 χ^2/NDF : 2434168.3/29

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 128207.014+/-0.077 χ^2 /NDF: 756754297.1/13
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 128169.847+/-0.050 χ^2 /NDF: 1925350997.5/15
 In: 128207.014+/-0.077 χ^2 /NDF: 756754297.1/13
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 128169.847+/-0.050 χ^2 /NDF: 1925350997.5/15

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 162.817+/-0.055 χ^2/NDF : 919721.6/13

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

Right Out: 150.980+/-0.047 χ^2/NDF : 1069764.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

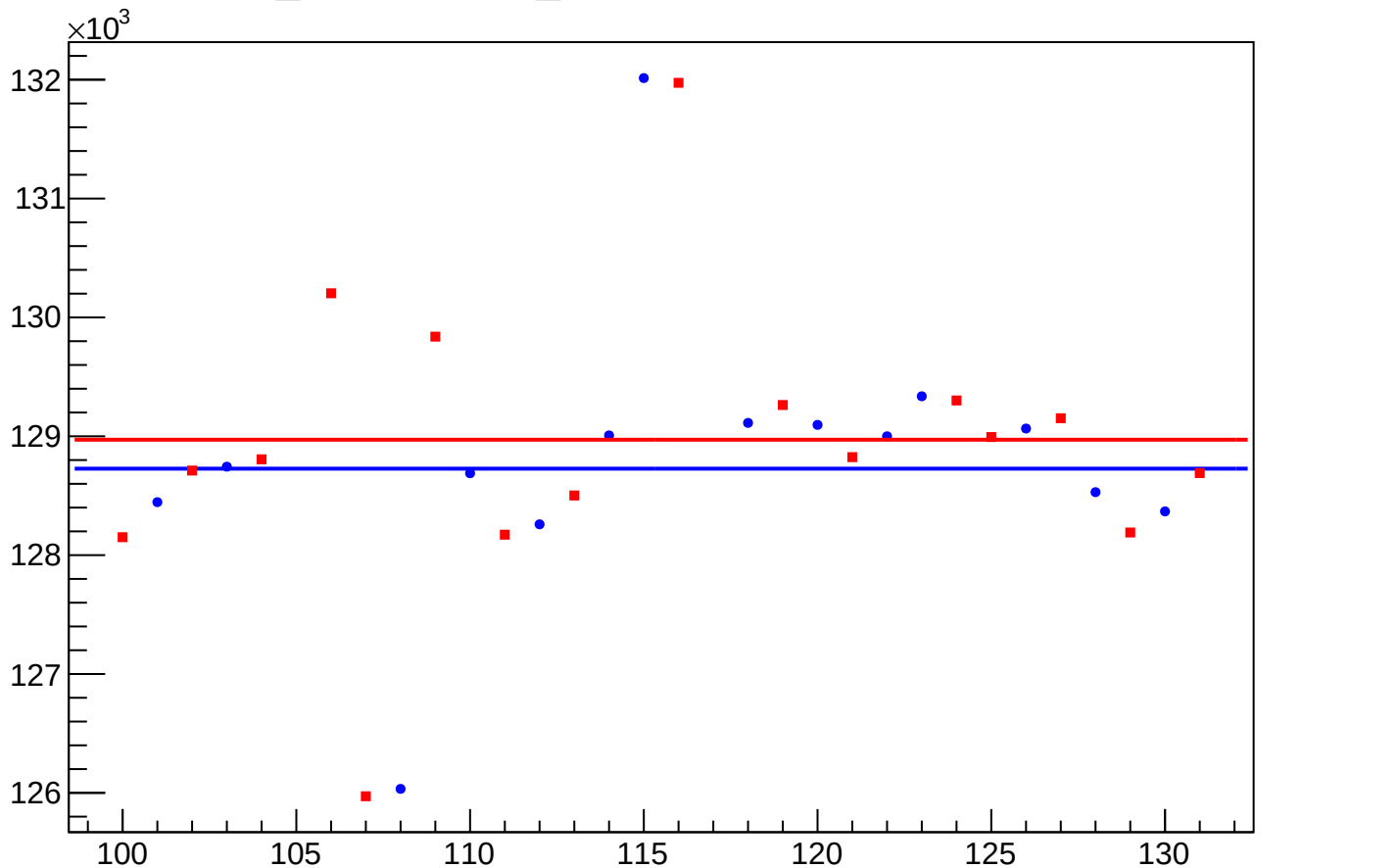
Right: 156.029+/-0.036 χ^2/NDF : 2016439.5/29

In: 162.817+/-0.055 χ^2/NDF : 919721.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.029+/-0.036 χ^2/NDF : 2016439.5/29

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 128727.630+/-0.067 χ^2 /NDF: 284084903.7/13

Right: 128864.083+/-0.045 χ^2 /NDF: 758273430.6/2

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

Right Out: 128971.237+/-0.060 χ^2 /NDF: 466820174.6/15

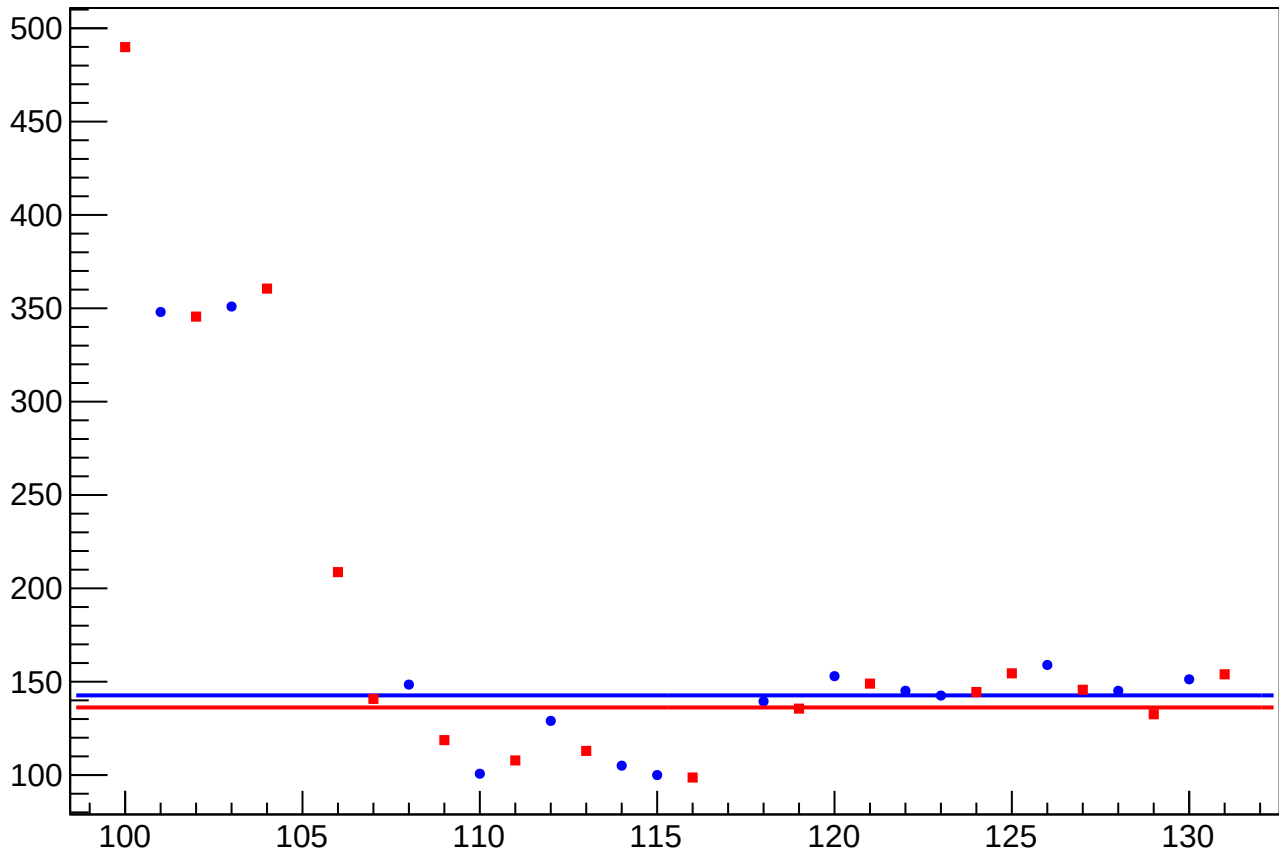
In: 128727.630+/-0.067 χ^2 /NDF: 284084903.7/13

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 128864.083+/-0.045 χ^2 /NDF: 758273430.6/2

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 142.669+/-0.047 χ^2/NDF : 1022130.9/13

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

Right Out: 136.204+/-0.042 χ^2/NDF : 1130260.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

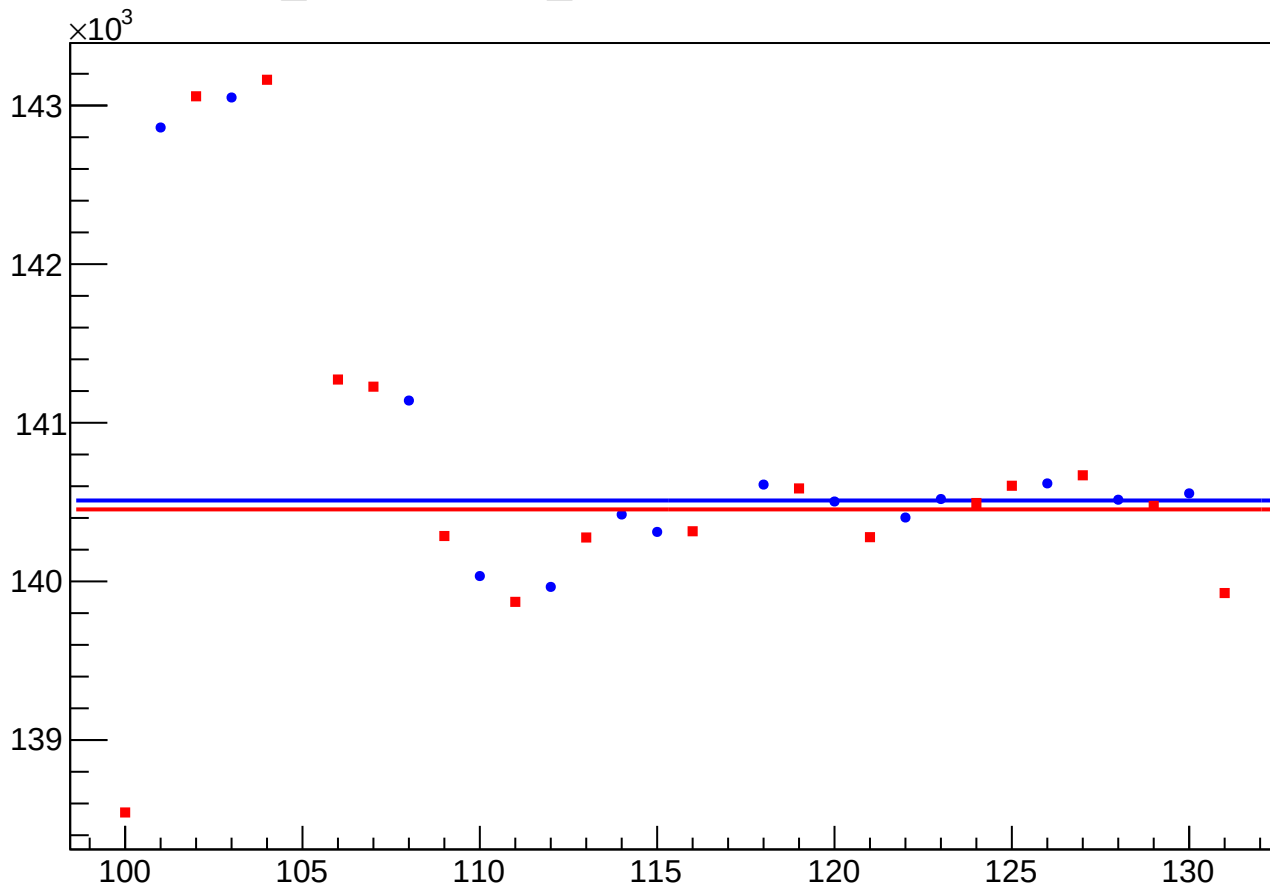
Right: 139.048+/-0.031 χ^2/NDF : 2162770.2/29

In: 142.669+/-0.047 χ^2/NDF : 1022130.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.048+/-0.031 χ^2/NDF : 2162770.2/29

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 140510.156+/-0.072 χ^2 /NDF: 63031402.8/13

Right: 140478.418+/-0.048 χ^2 /NDF: 140560030.9/2

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

Right Out: 140453.837+/-0.063 χ^2 /NDF: 77184540.6/15

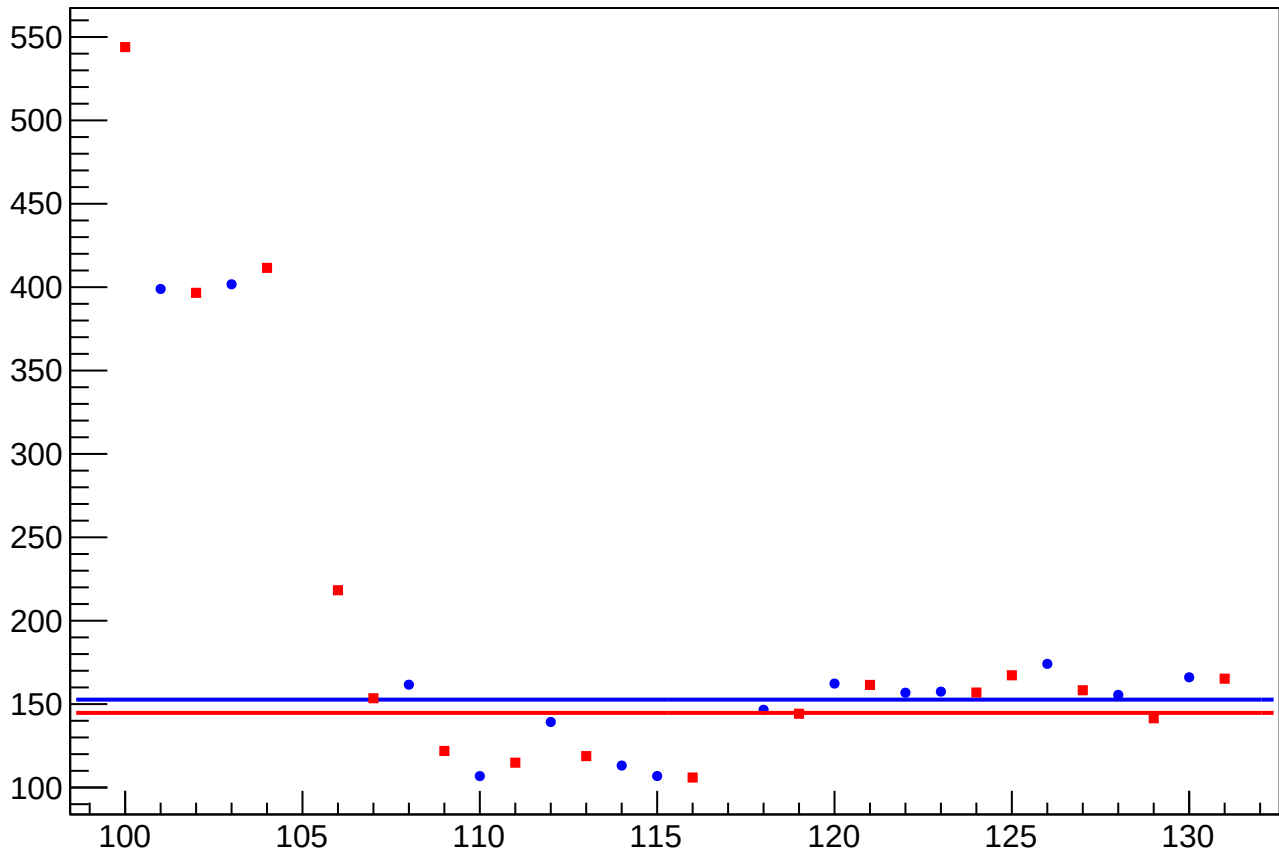
In: 140510.156+/-0.072 χ^2 /NDF: 63031402.8/13

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 140478.418+/-0.048 χ^2 /NDF: 140560030.9/2

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 152.689 $\pm$ 0.051 χ^2 /NDF: 1114073.1/13

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

Right Out: 144.736 $\pm$ 0.045 χ^2 /NDF: 1226973.8/15

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

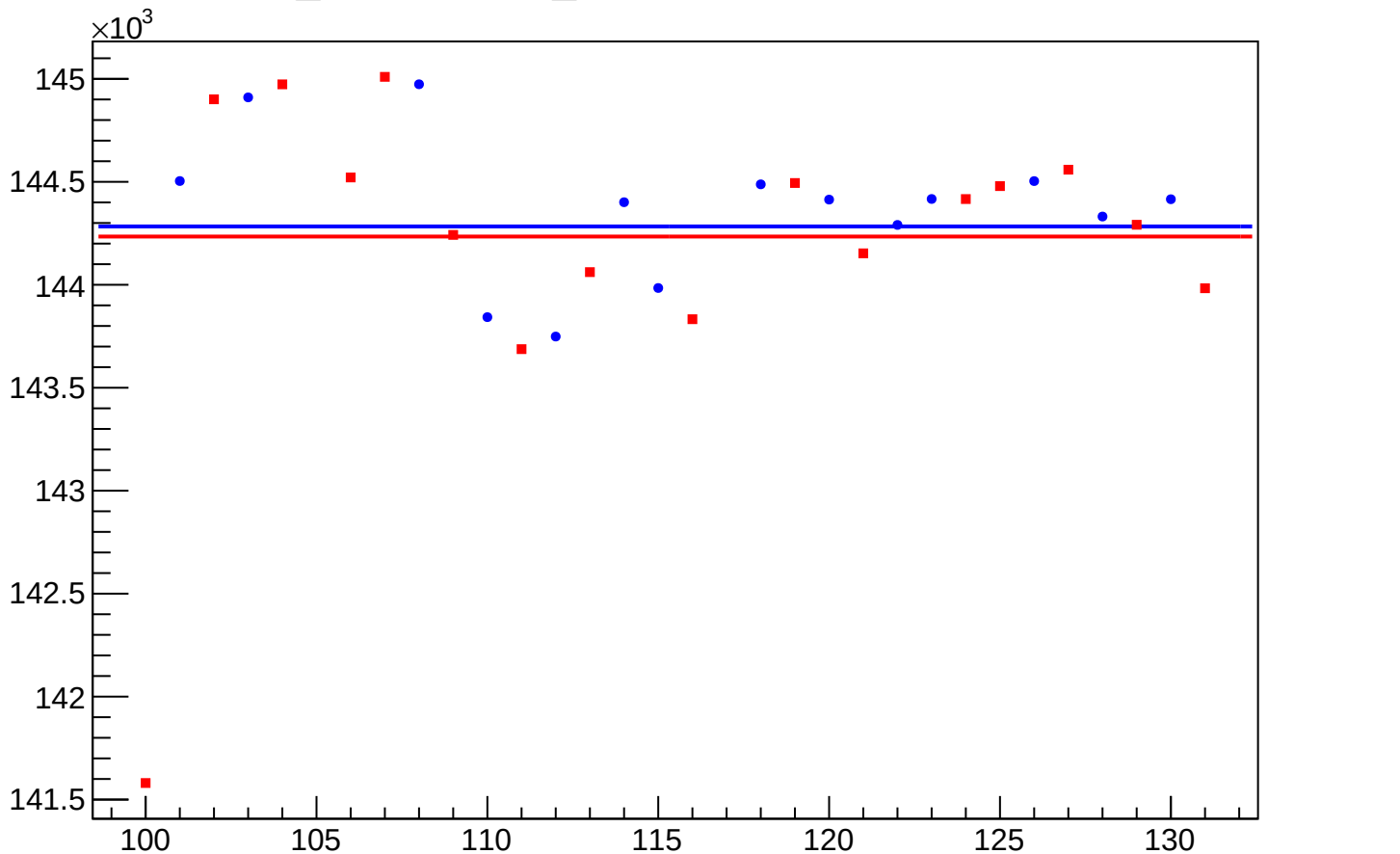
Right: 148.207 $\pm$ 0.034 χ^2 /NDF: 2354769.9/29

In: 152.689 $\pm$ 0.051 χ^2 /NDF:1114073.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 148.207 $\pm$ 0.034 χ^2 /NDF: 2354769.9/29

yield_bpm0l08WS_mean vs Slug, Sign Corrected



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

Right In: 144283.387 $\pm$ 0.074 χ^2/NDF : 22056862.3/13

Right: 144255.748 $\pm$ 0.049 χ^2/NDF : 54083563.9/29

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

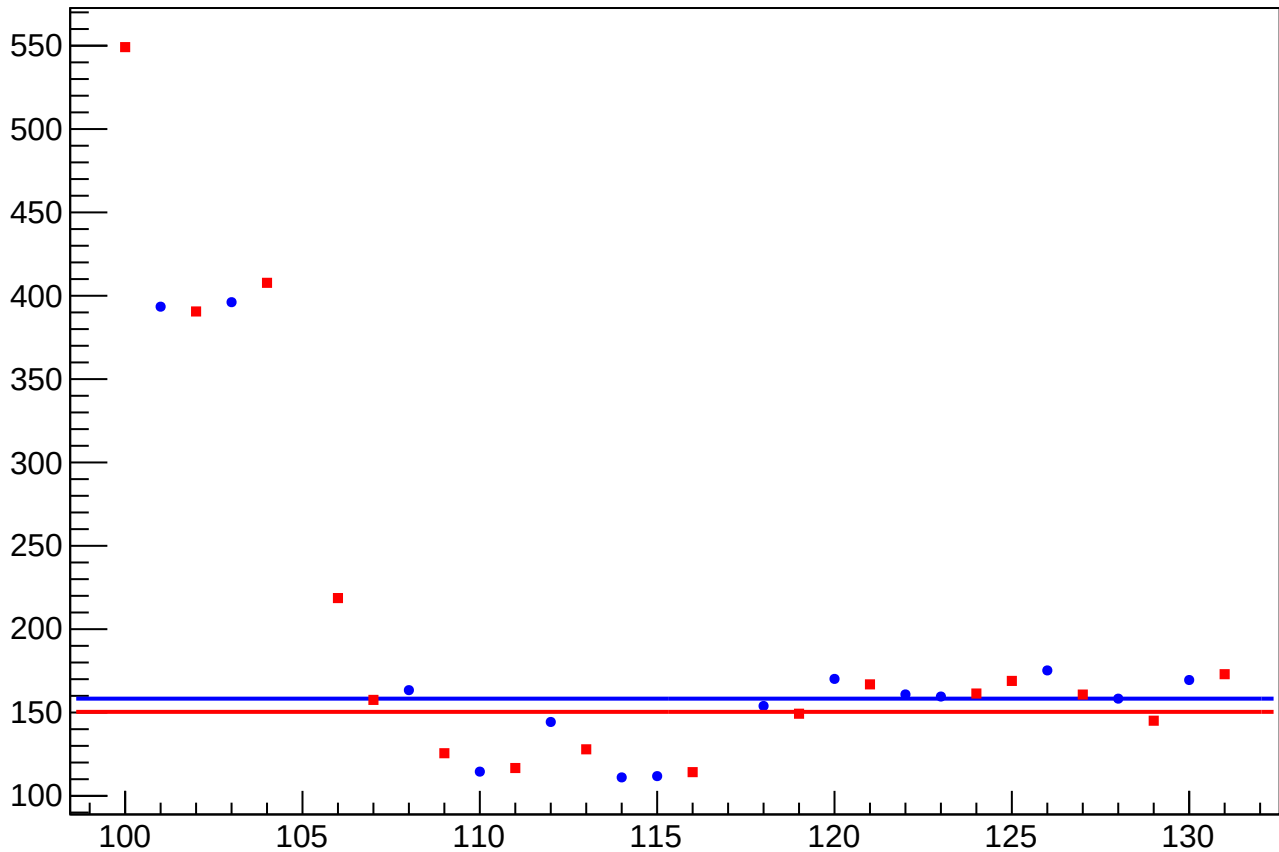
Right Out: 144234.258 $\pm$ 0.066 χ^2/NDF : 31781732.7/15

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: 144255.748 $\pm$ 0.049 χ^2/NDF : 54083563.9/29

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 158.325+/-0.053 χ^2/NDF : 1033012.7/13

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

Right Out: 150.396+/-0.046 χ^2/NDF : 1147774.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

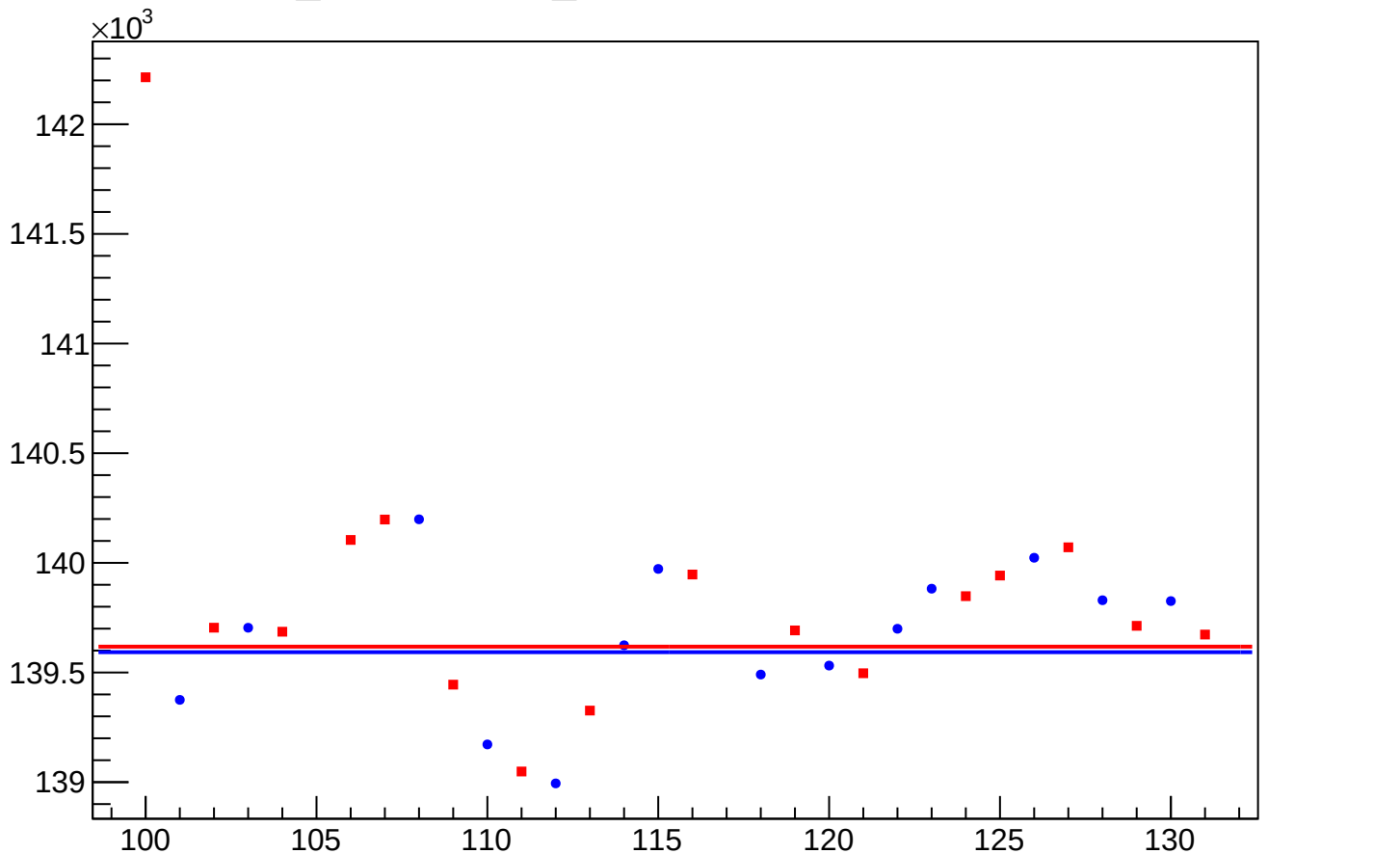
Right: 153.865+/-0.035 χ^2/NDF : 2193547.0/29

In: 158.325+/-0.053 χ^2/NDF : 1033012.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

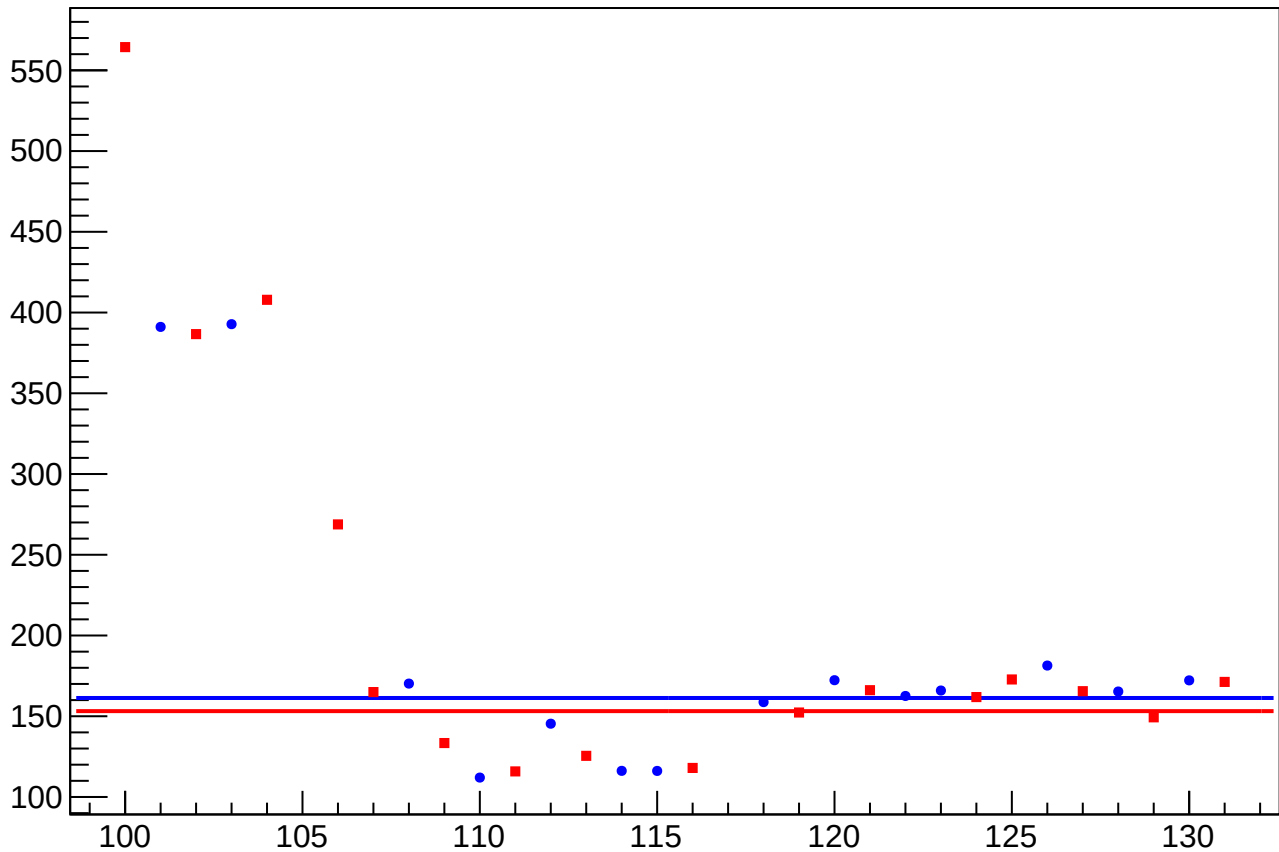
All: 153.865+/-0.035 χ^2/NDF : 2193547.0/29

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 139592.686 $\pm$ 0.076 χ^2 /NDF: 22549976.3/13
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 139617.913 $\pm$ 0.067 χ^2 /NDF: 26924249.3/15
 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: 139606.878 $\pm$ 0.050 χ^2 /NDF: 49536320.6/29
 In: 139592.686 $\pm$ 0.076 χ^2 /NDF:22549976.3/13
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 139606.878 $\pm$ 0.050 χ^2 /NDF: 49536320.6/29

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 161.306+/-0.054 χ^2/NDF : 1026372.5/13

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

Right Out: 153.168+/-0.047 χ^2/NDF : 1177600.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

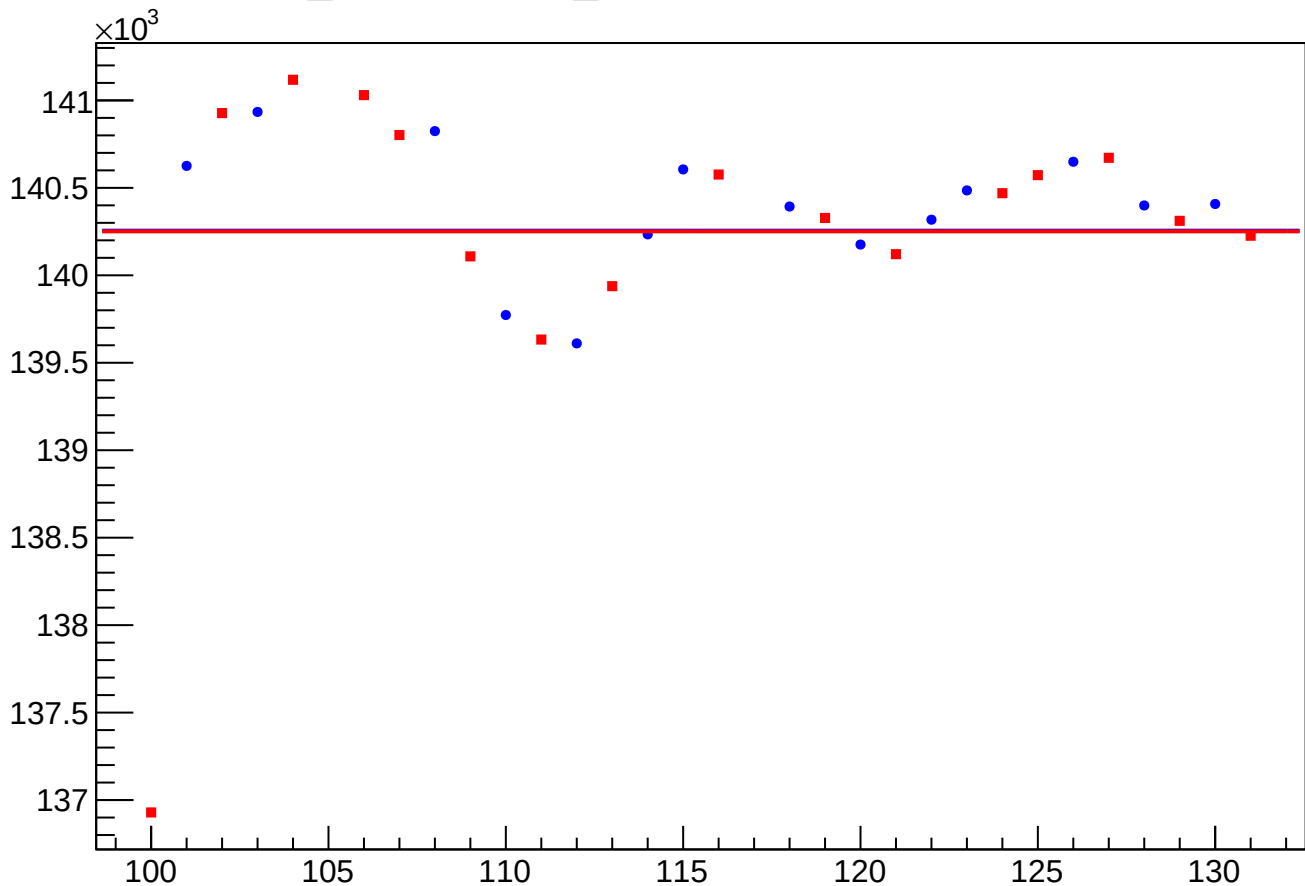
Right: 156.728+/-0.036 χ^2/NDF : 2216893.3/29

In: 161.306+/-0.054 χ^2/NDF : 1026372.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

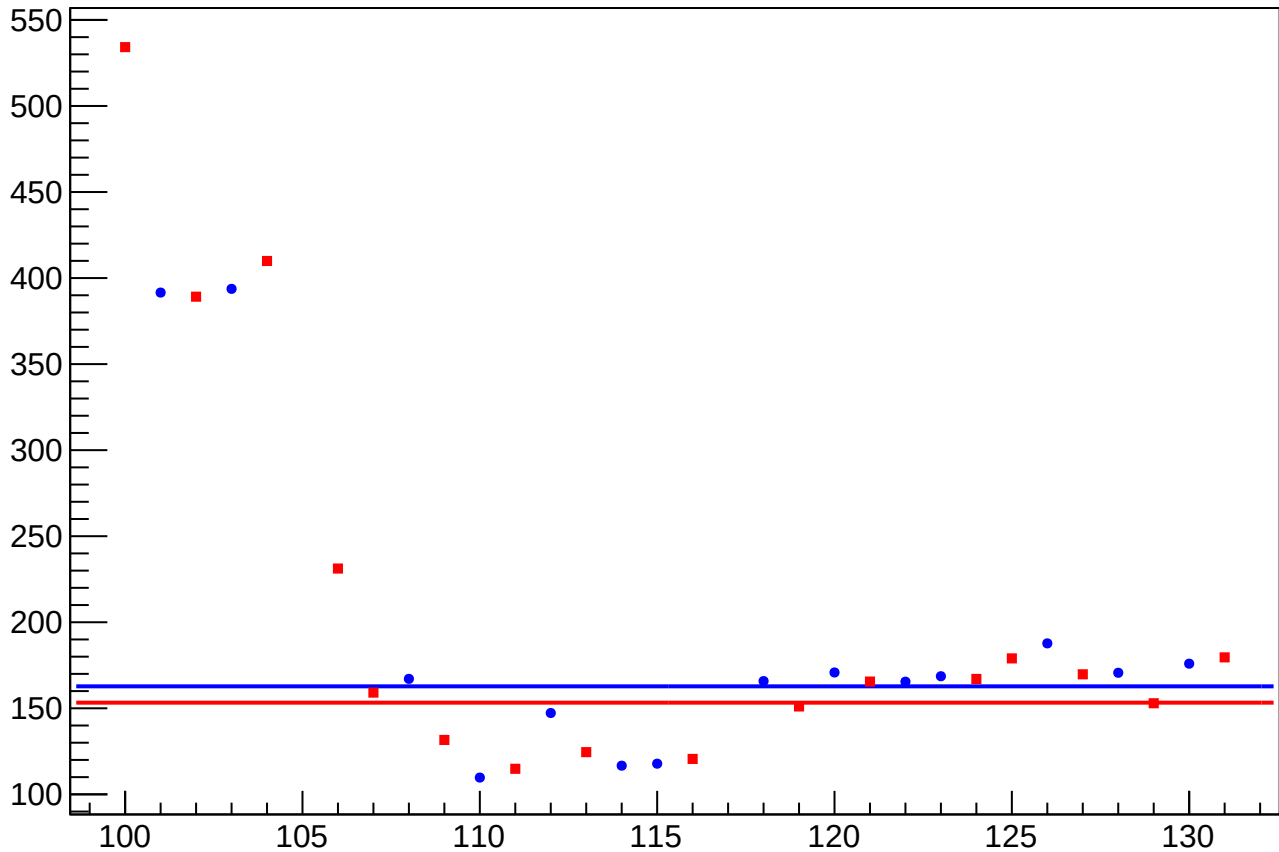
All: 156.728+/-0.036 χ^2/NDF : 2216893.3/29

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: 140255.135 $\pm$ 0.077 χ^2 /NDF: 25041556.8/13
 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: 140253.000 $\pm$ 0.050 χ^2 /NDF: 60244684.2/29
 Right Out: 140251.366 $\pm$ 0.067 χ^2 /NDF: 35201757.1/15
 In: 140255.135 $\pm$ 0.077 χ^2 /NDF: 25041556.8/13
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 140253.000 $\pm$ 0.050 χ^2 /NDF: 60244684.2/29

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 162.762 $\pm$ 0.054 χ^2 /NDF: 1048878.8/13

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

Right Out: 153.278 $\pm$ 0.047 χ^2 /NDF: 1160404.3/15

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

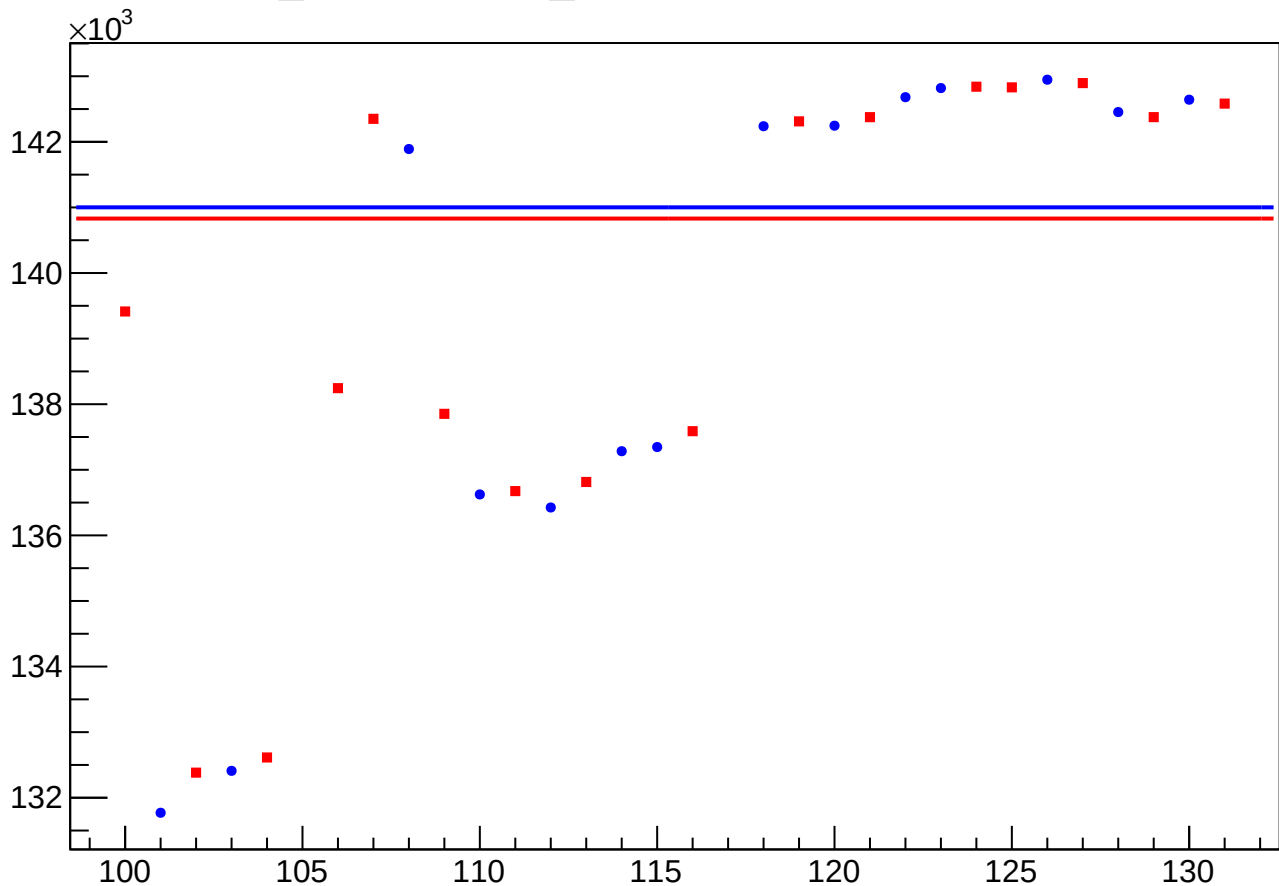
Right: 157.389 $\pm$ 0.036 χ^2 /NDF: 2226631.6/29

In: 162.762 $\pm$ 0.054 χ^2 /NDF:1048878.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

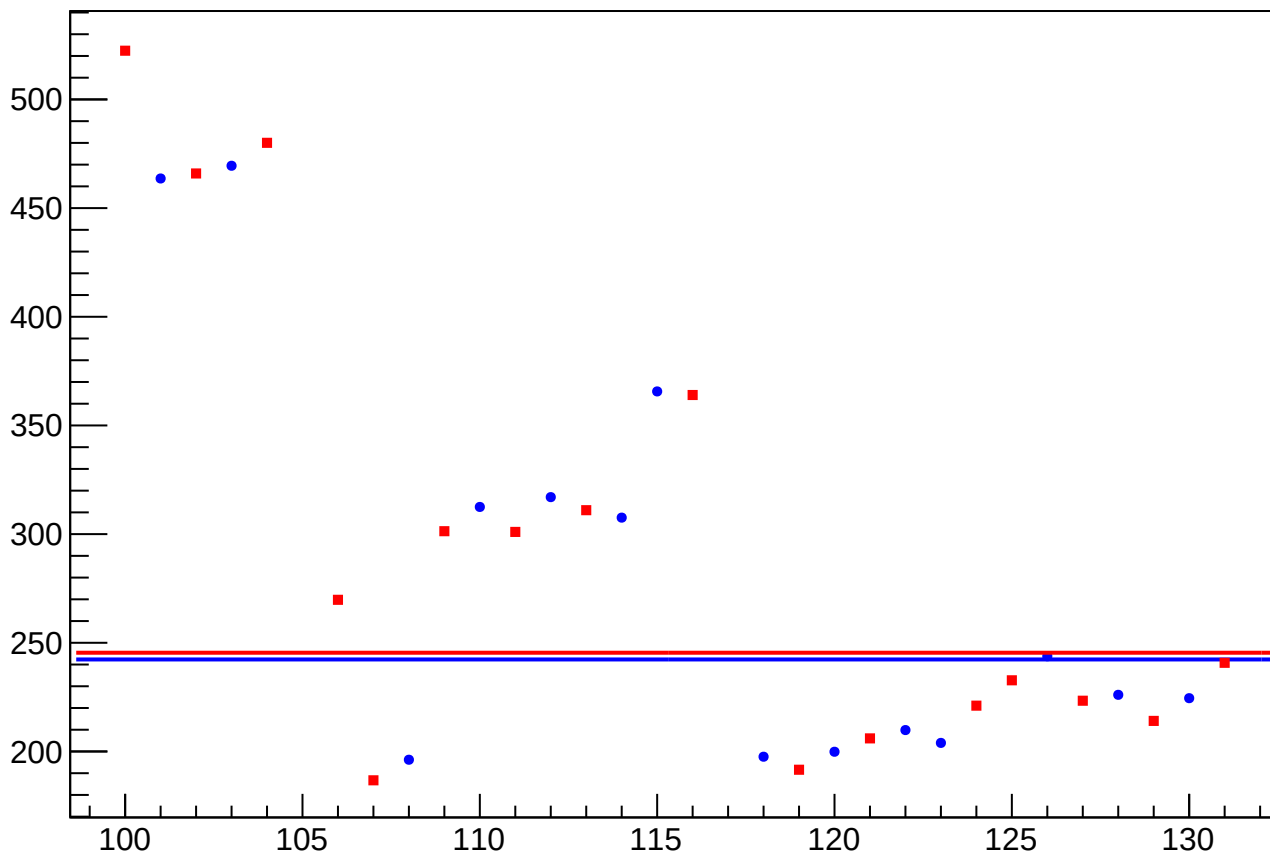
All: 157.389 $\pm$ 0.036 χ^2 /NDF: 2226631.6/29

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: 141001.412 $\pm$ 0.112 χ^2 /NDF: 746210940.2/13
 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: 140911.138 $\pm$ 0.077 χ^2 /NDF: 1498780044.2/15
 In: 141001.412 $\pm$ 0.112 χ^2 /NDF: 746210940.2/13
 Right Out: 140830.531 $\pm$ 0.106 χ^2 /NDF: 751338937.6/15
 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: 140911.138 $\pm$ 0.077 χ^2 /NDF: 1498780044.2/15

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 242.330+/-0.079 χ^2/NDF : 807755.9/13

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

Right Out: 245.427+/-0.075 χ^2/NDF : 874963.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

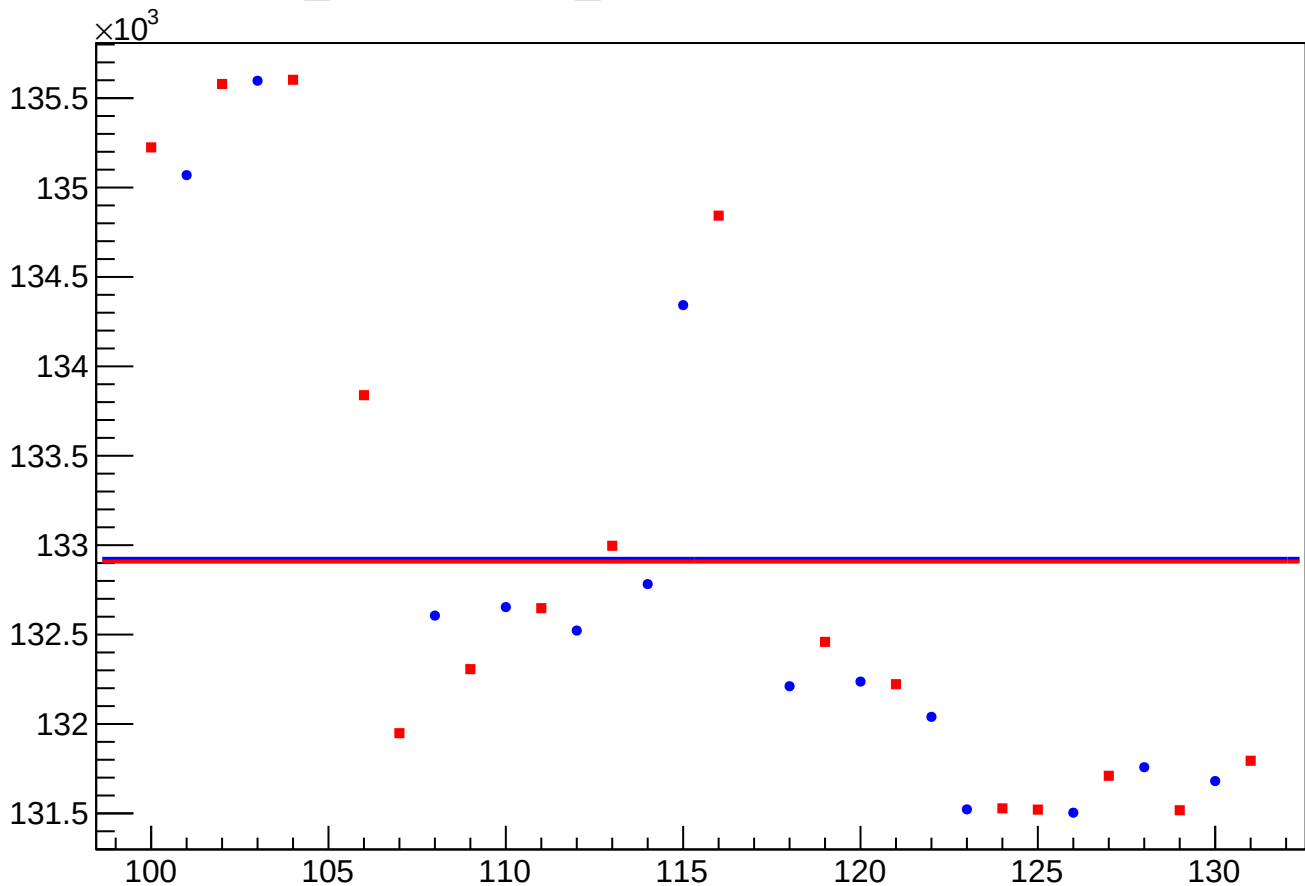
Right: 243.966+/-0.054 χ^2/NDF : 1683527.1/29

In: 242.330+/-0.079 χ^2/NDF : 807755.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

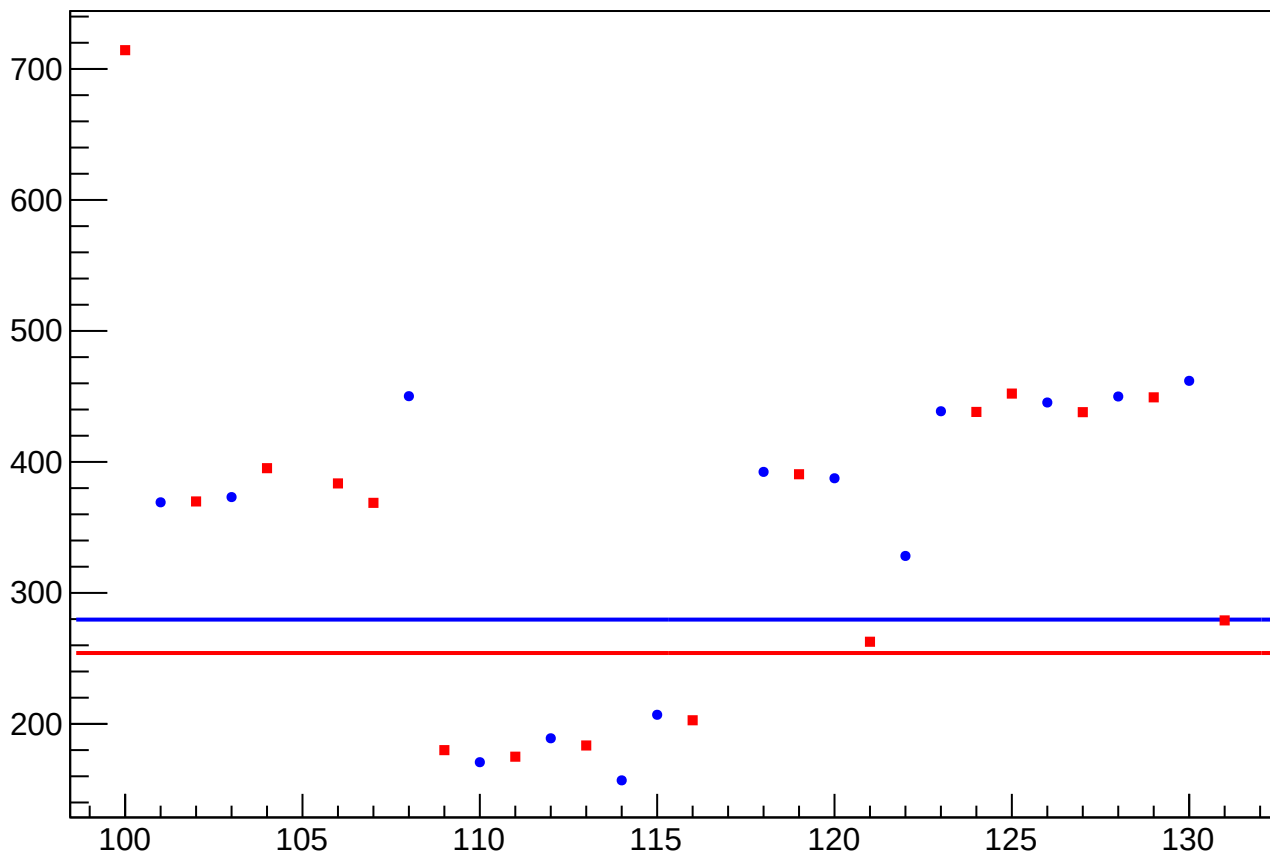
All: 243.966+/-0.054 χ^2/NDF : 1683527.1/29

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 132923.621 $\pm$ 0.133 χ^2 /NDF: 74465963.1/13
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 132908.220 $\pm$ 0.114 χ^2 /NDF: 103513512.2/15
 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: 132914.707 $\pm$ 0.087 χ^2 /NDF: 177987192.0/2
 In: 132923.621 $\pm$ 0.133 χ^2 /NDF:74465963.1/13
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 132914.707 $\pm$ 0.087 χ^2 /NDF: 177987192.0/2

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 279.630+/-0.094 χ^2/NDF : 1421867.5/13

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

Right Out: 254.110+/-0.080 χ^2/NDF : 1501508.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

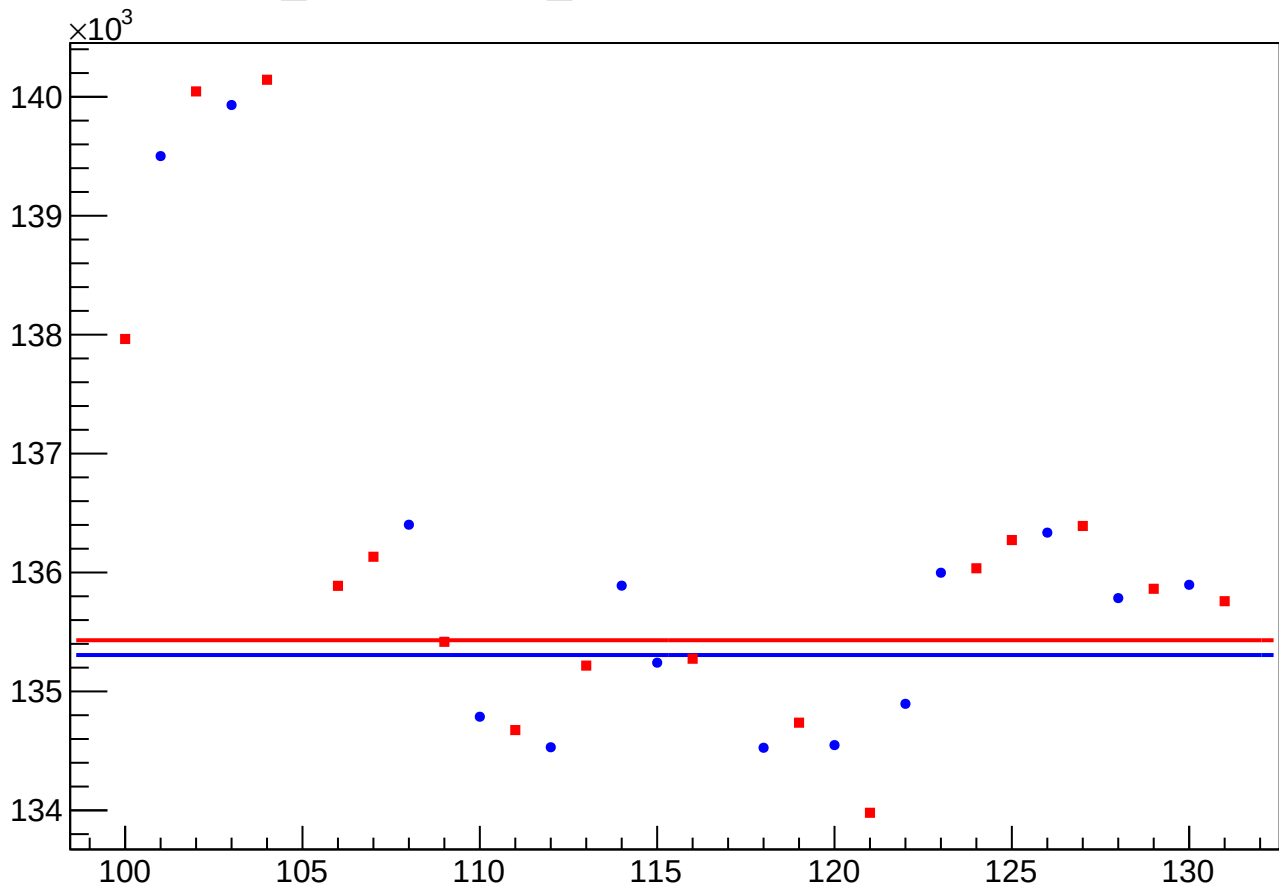
Right: 264.859+/-0.061 χ^2/NDF : 2965747.2/29

In: 279.630+/-0.094 χ^2/NDF :1421867.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 264.859+/-0.061 χ^2/NDF : 2965747.2/29

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 135306.062+/-0.060 χ^2 /NDF: 295563043.8/13

Right: 135374.370+/-0.041 χ^2 /NDF: 584256105.8/2

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

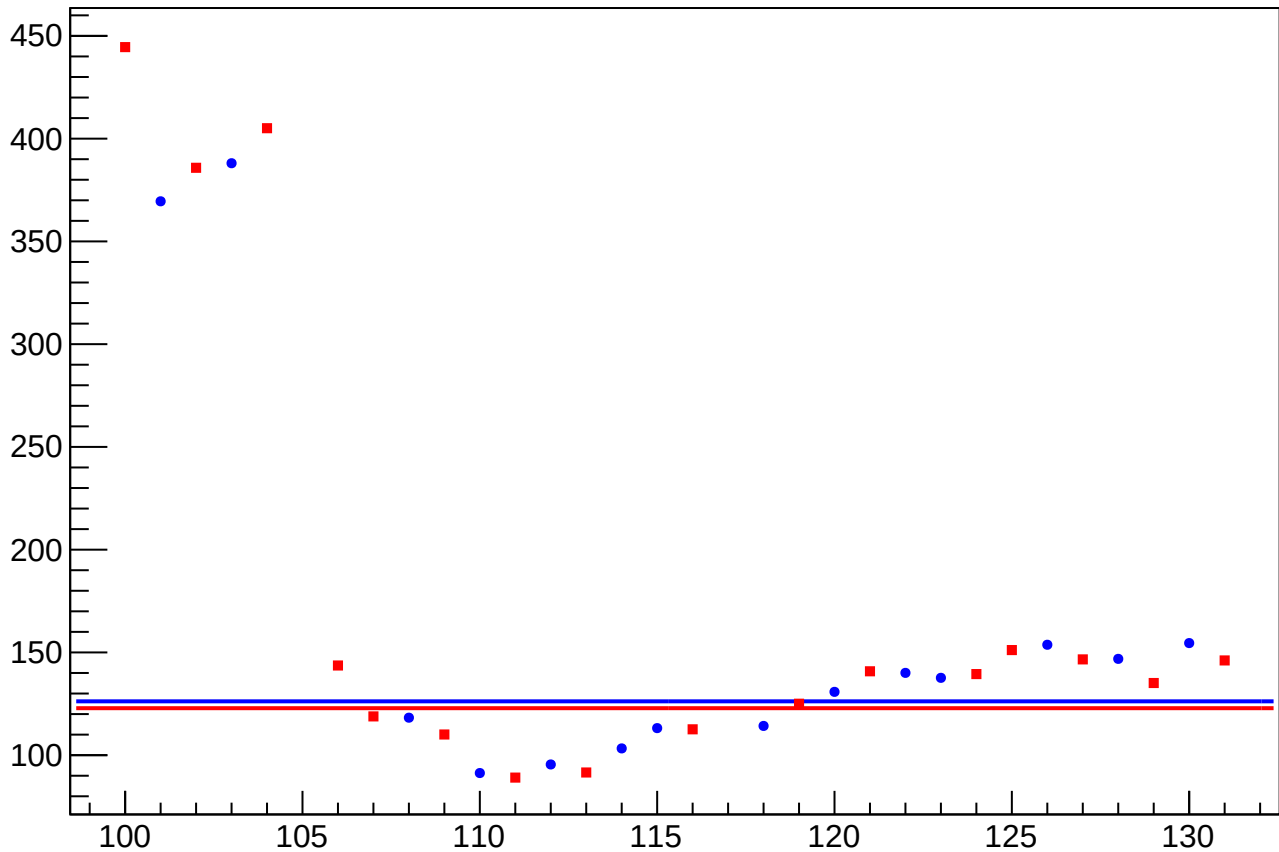
Right Out: 135430.412+/-0.055 χ^2 /NDF: 286360985.7/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 135374.370+/-0.041 χ^2 /NDF: 584256105

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 126.205+/-0.043 χ^2/NDF : 1317751.6/13

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

Right Out: 122.864+/-0.039 χ^2/NDF : 1390142.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

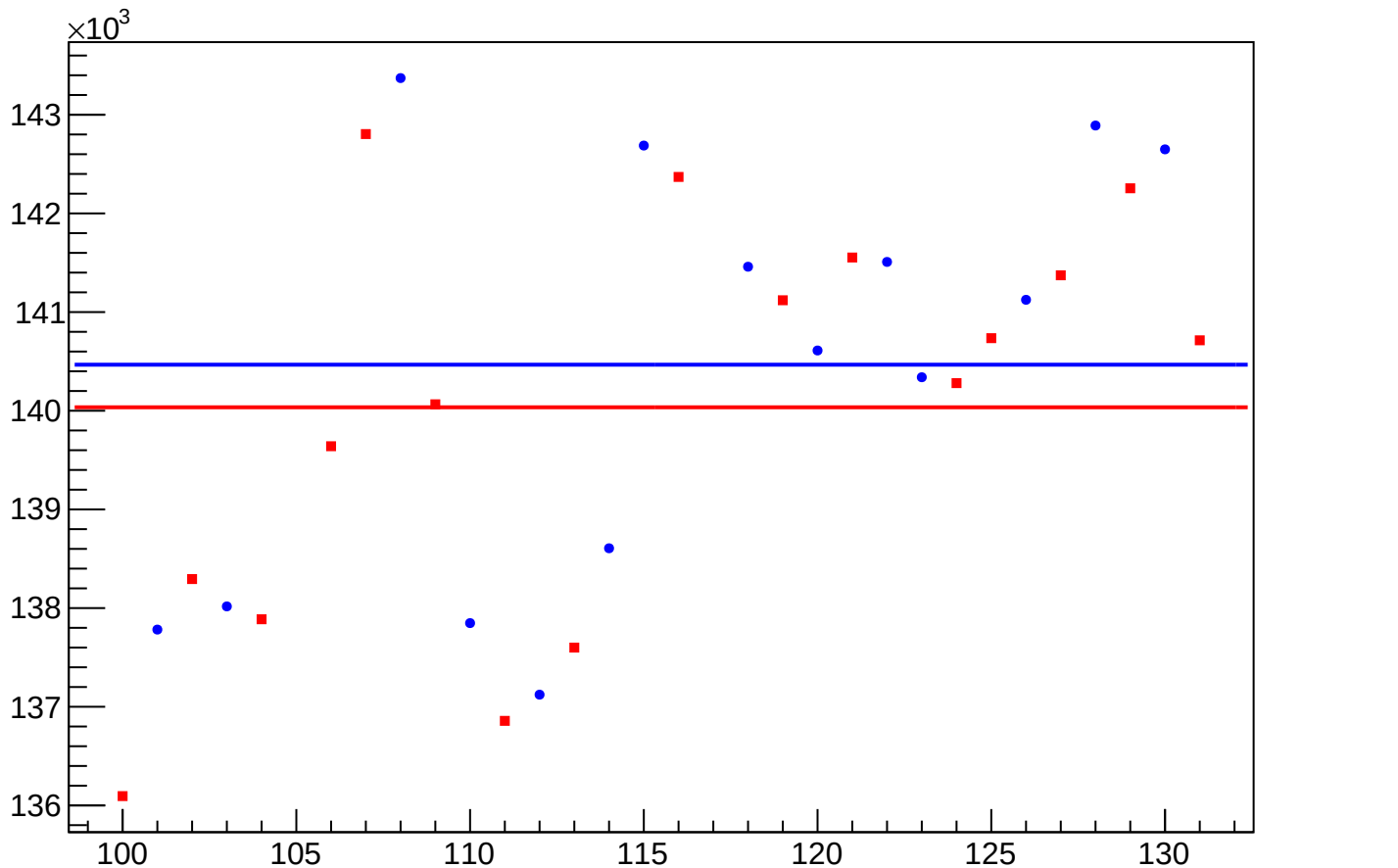
Right: 124.370+/-0.029 χ^2/NDF : 2711261.0/29

In: 126.205+/-0.043 χ^2/NDF : 1317751.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

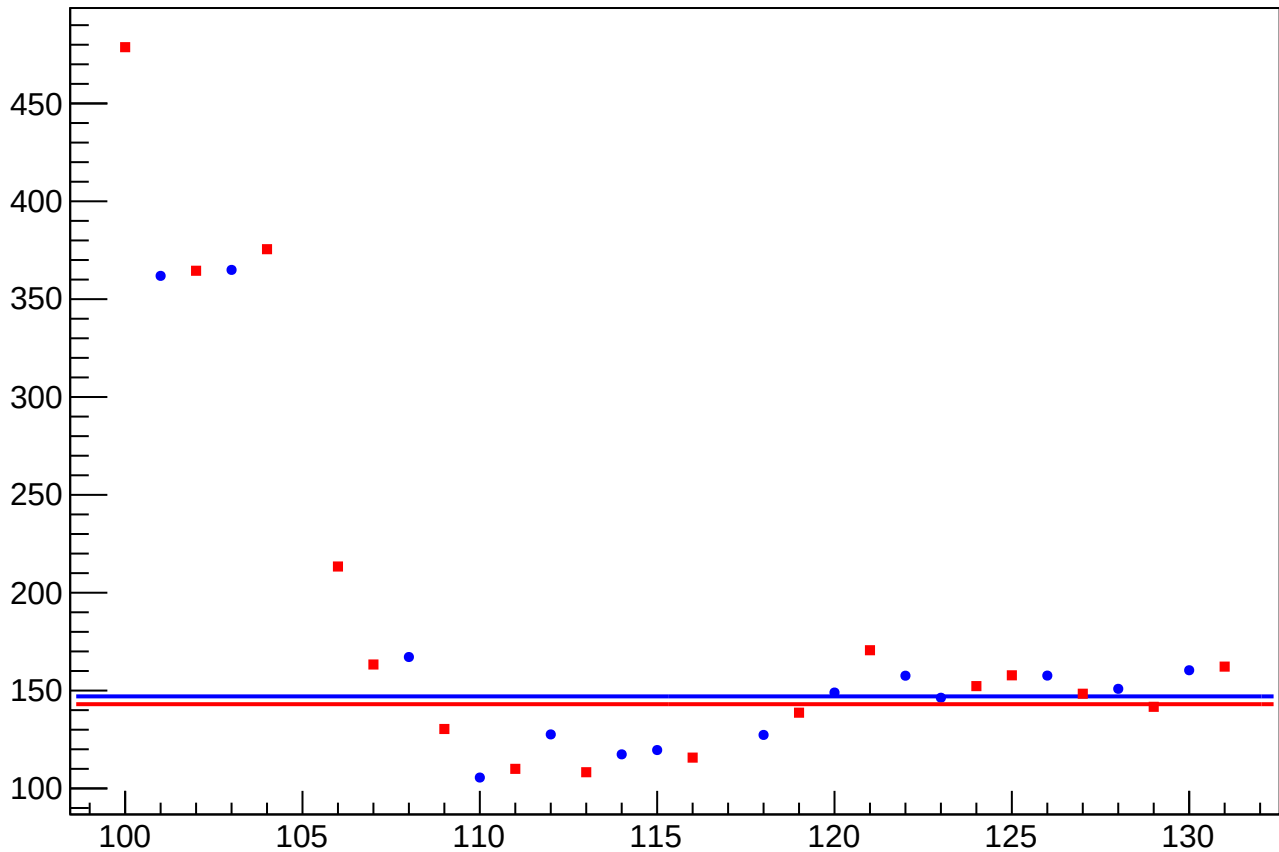
All: 124.370+/-0.029 χ^2/NDF : 2711261.0/29

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right In: 140466.722 $\pm$ 0.069 χ^2 /NDF: 987000462.5/13
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 140230.124 $\pm$ 0.047 χ^2 /NDF: 2009838799.9
 In: 140466.722 $\pm$ 0.069 χ^2 /NDF: 987000462.5/13
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 140230.124 $\pm$ 0.047 χ^2 /NDF: 200983879

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 147.030+/-0.049 χ^2/NDF : 1016350.1/13

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

Right Out: 143.040+/-0.044 χ^2/NDF : 1144813.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

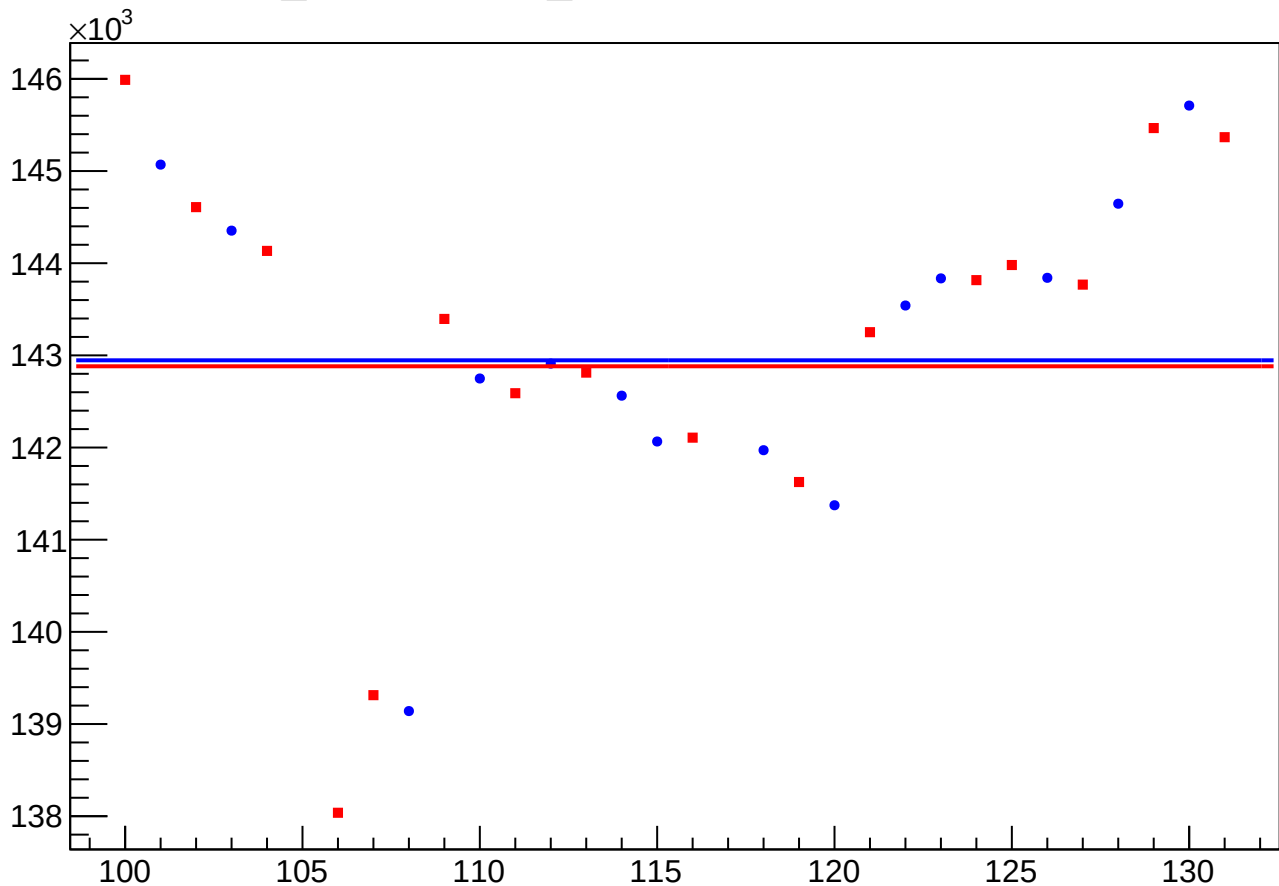
Right: 144.843+/-0.033 χ^2/NDF : 2164808.5/29

In: 147.030+/-0.049 χ^2/NDF : 1016350.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

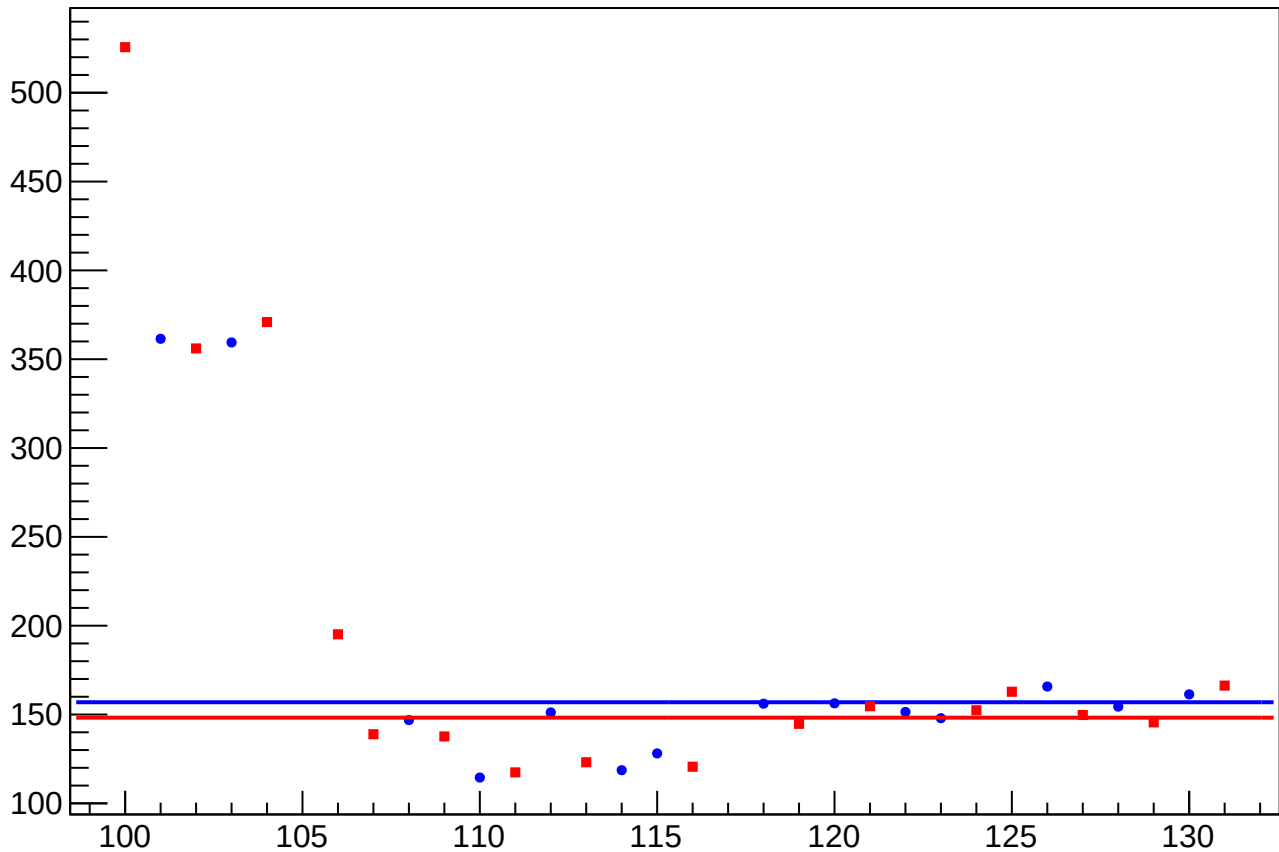
All: 144.843+/-0.033 χ^2/NDF : 2164808.5/29

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: 142946.396+/-0.073 χ^2/NDF : 549487321.2/13
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 142909.869+/-0.048 χ^2/NDF : 1248171223.1/15
 In: 142946.396+/-0.073 χ^2/NDF : 549487321.2/13
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 142909.869+/-0.048 χ^2/NDF : 1248171223.1/15

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 156.910 $\pm$ 0.052 χ^2 /NDF: 867412.3/13

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

Right Out: 148.232 $\pm$ 0.046 χ^2 /NDF: 967318.8/15

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

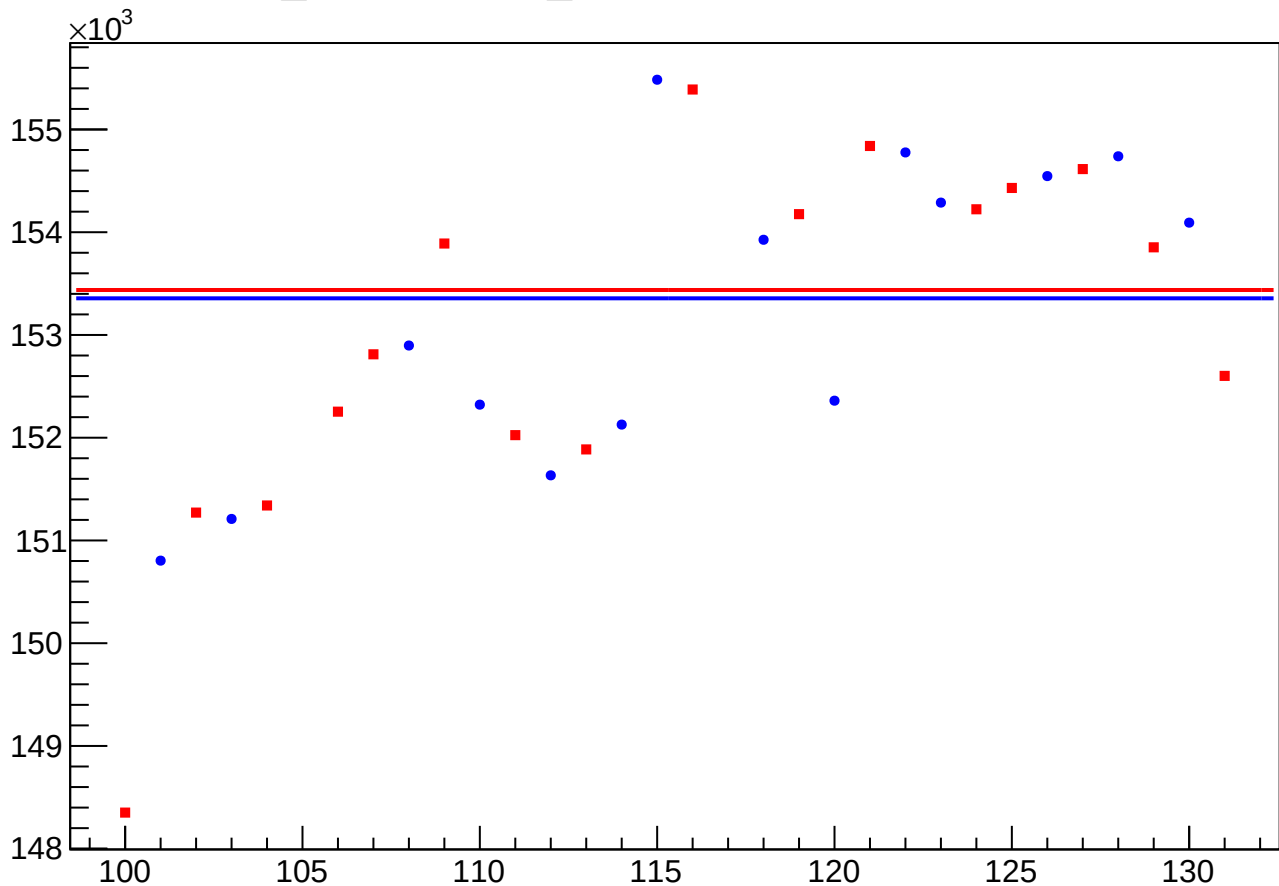
Right: 152.020 $\pm$ 0.034 χ^2 /NDF: 1850489.8/29

In: 156.910 $\pm$ 0.052 χ^2 /NDF:867412.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 152.020 $\pm$ 0.034 χ^2 /NDF: 1850489.8/29

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 153356.592+/-0.084 χ^2 /NDF: 234341843.3/13

Right: 153403.432+/-0.054 χ^2 /NDF: 505622260.5/2

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

Right Out: 153437.651+/-0.072 χ^2 /NDF: 270739631.7/15

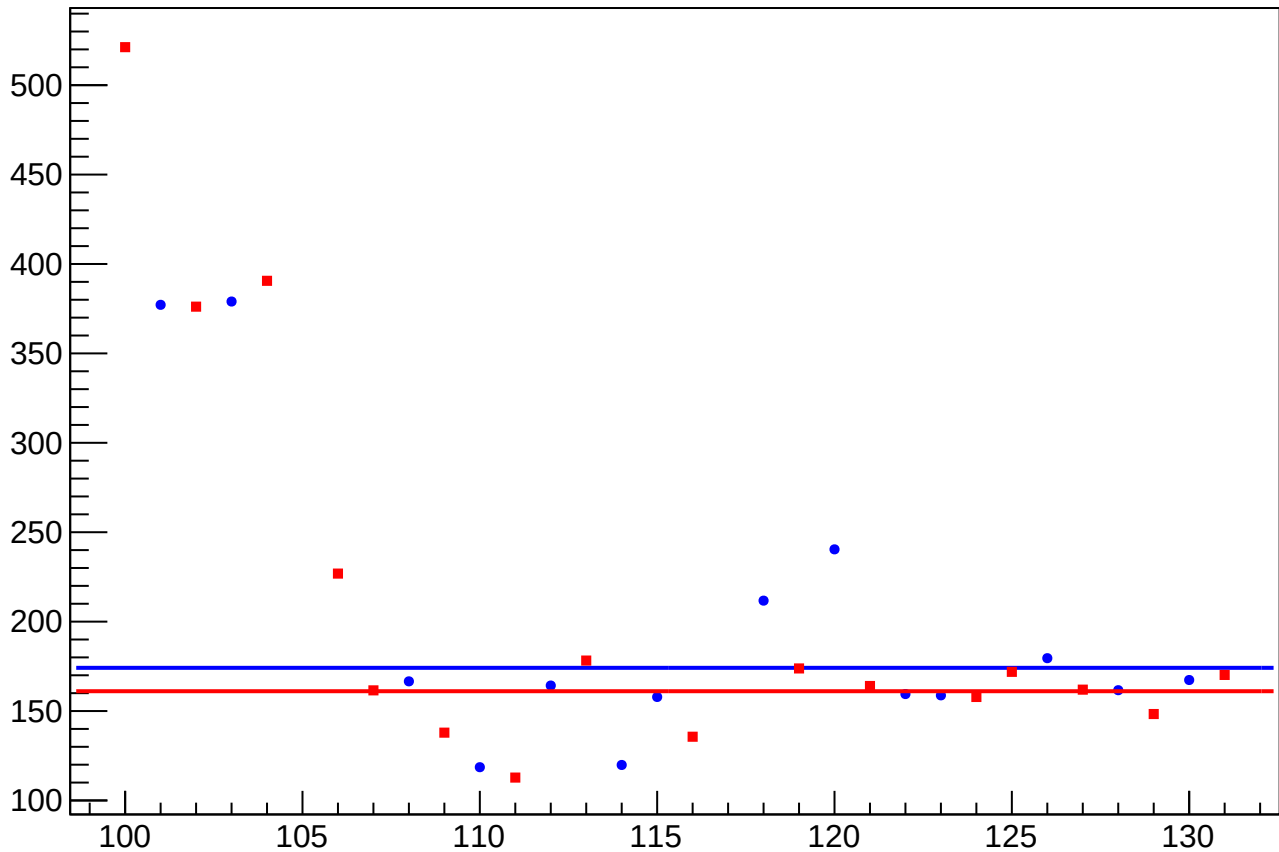
In: 153356.592+/-0.084 χ^2 /NDF: 234341843.3/13

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 153403.432+/-0.054 χ^2 /NDF: 505622260.5/2

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 174.166+/-0.059 χ^2/NDF : 934973.4/13

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

Right Out: 161.088+/-0.051 χ^2/NDF : 1015872.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

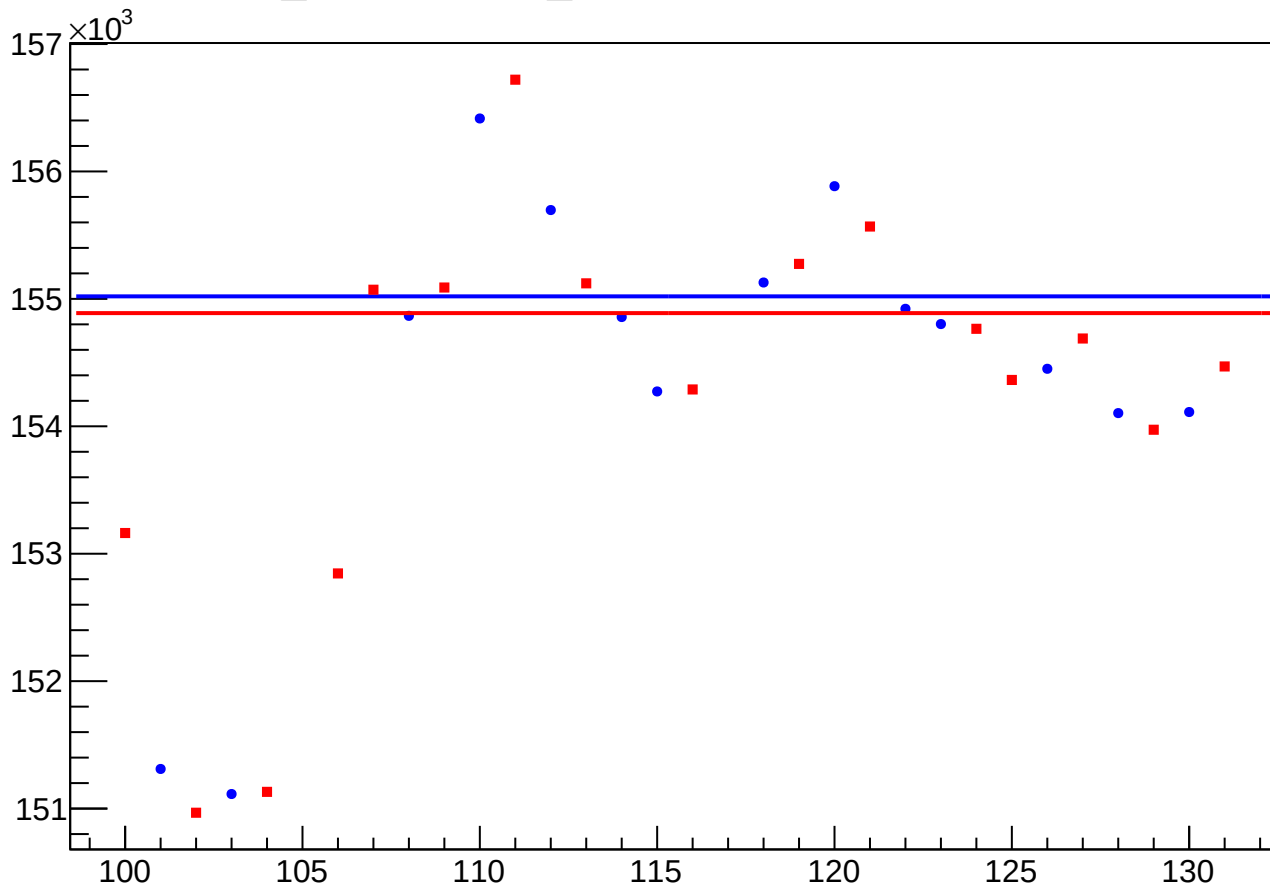
Right: 166.609+/-0.038 χ^2/NDF : 1979002.2/29

In: 174.166+/-0.059 χ^2/NDF : 934973.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.609+/-0.038 χ^2/NDF : 1979002.2/29

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 155019.728+/-0.073 χ^2 /NDF: 204812356.9/13

Right: 154946.633+/-0.049 χ^2 /NDF: 489288115.1/2

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

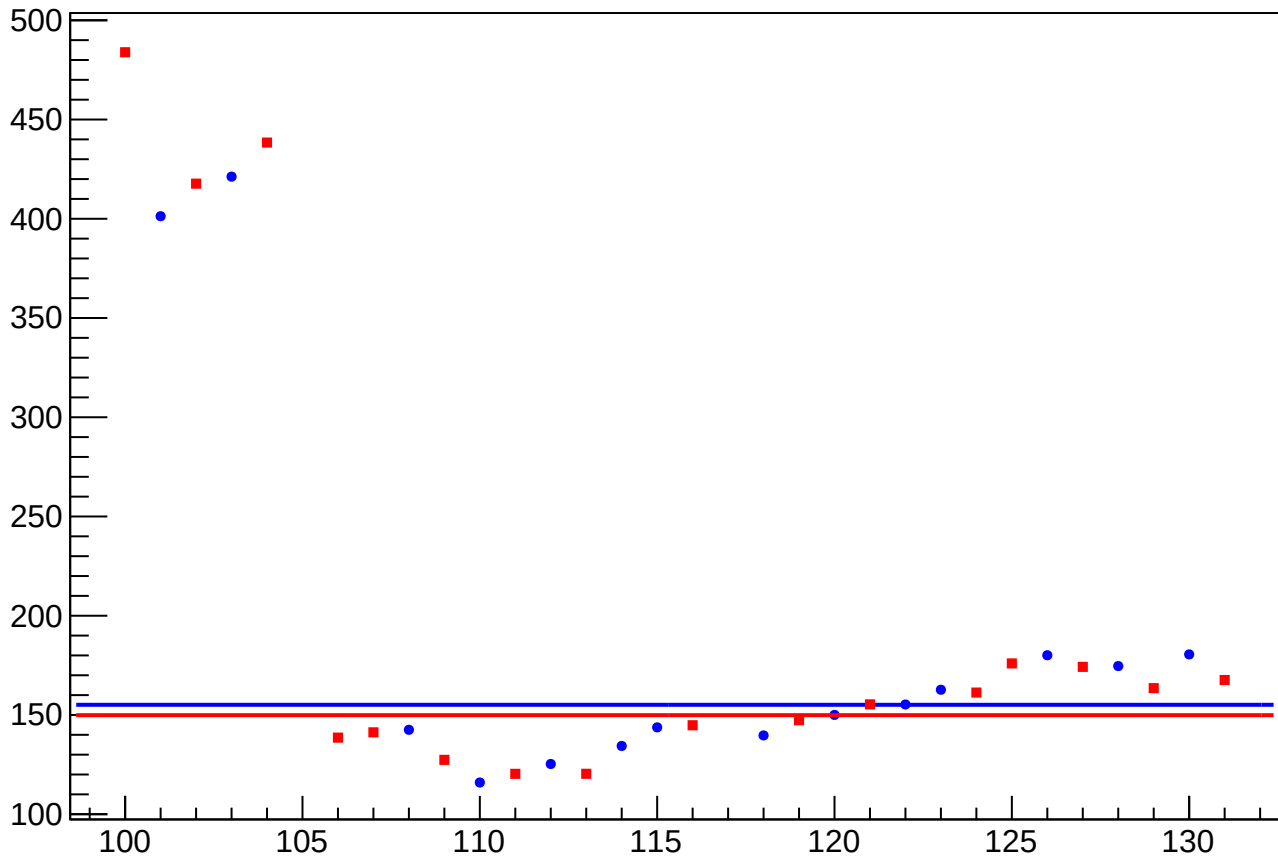
Right Out: 154888.308+/-0.065 χ^2 /NDF: 282663349.1/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 154946.633+/-0.049 χ^2 /NDF: 489288115.1/2

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 155.121+/-0.051 χ^2/NDF : 1089525.4/13

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

Right Out: 149.896+/-0.046 χ^2/NDF : 1128743.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

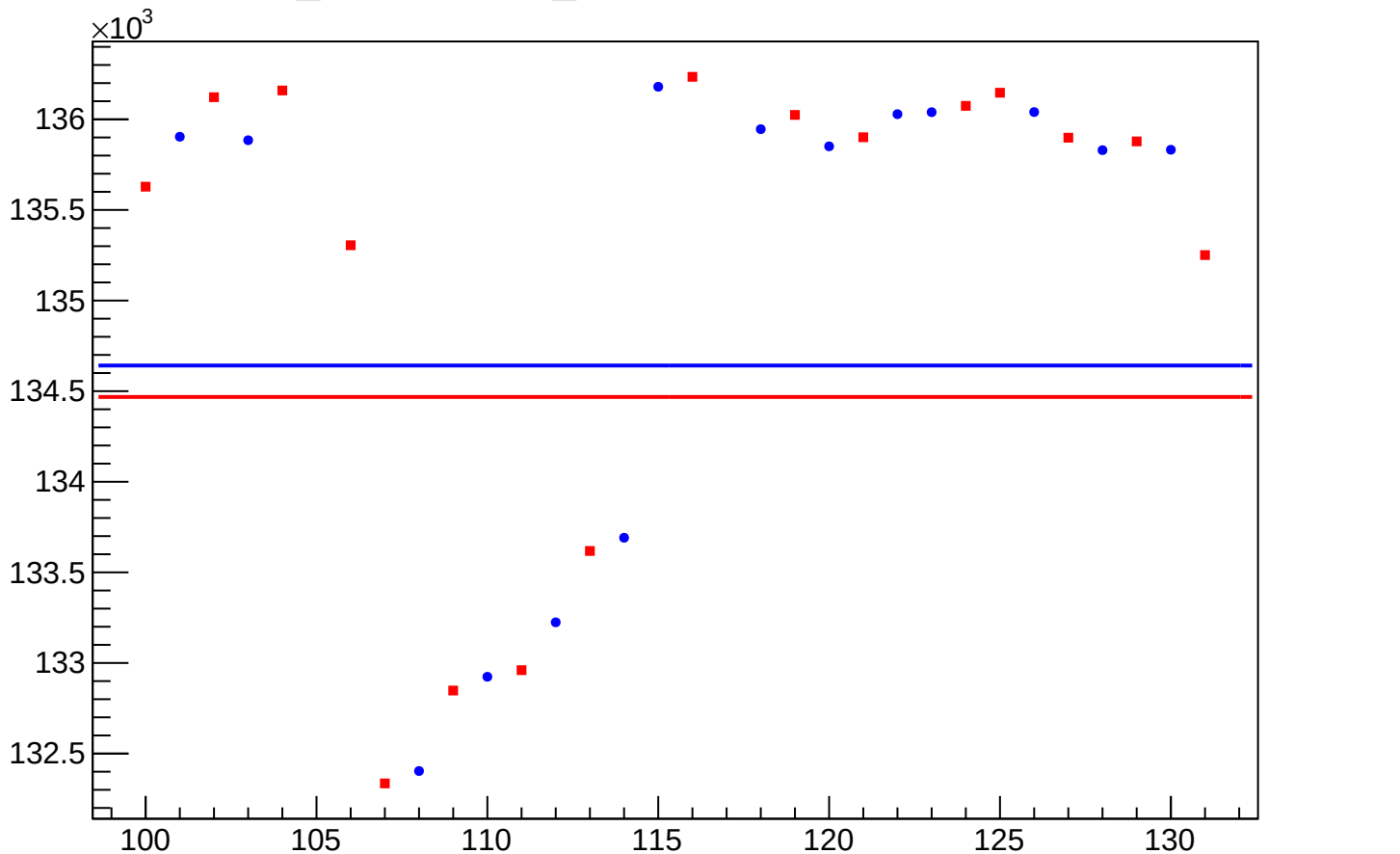
Right: 152.215+/-0.034 χ^2/NDF : 2223999.3/29

In: 155.121+/-0.051 χ^2/NDF :1089525.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 152.215+/-0.034 χ^2/NDF : 2223999.3/29

yield_bpm1i04WS_mean vs Slug, Sign Corrected



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

Right In: 134641.416 $\pm$ 0.055 χ^2/NDF : 716389859.9/13

Right: 134546.515 $\pm$ 0.037 χ^2/NDF : 1569550700.0/15

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

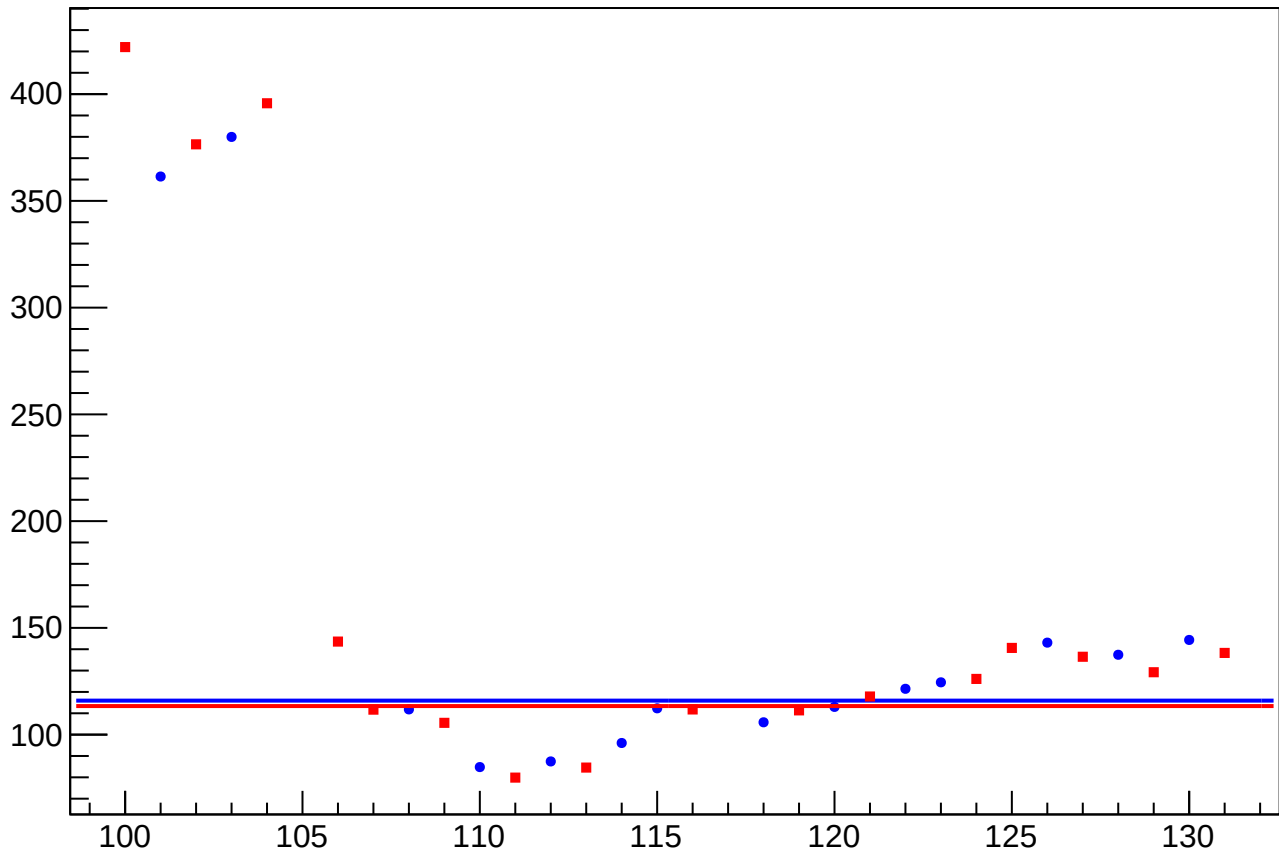
Right Out: 134467.985 $\pm$ 0.050 χ^2/NDF : 847805381.1/15

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: 134546.515 $\pm$ 0.037 χ^2/NDF : 1569550700.0/15

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 115.929+/-0.039 χ^2/NDF : 1375396.3/13

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

Right Out: 113.379+/-0.036 χ^2/NDF : 1468649.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

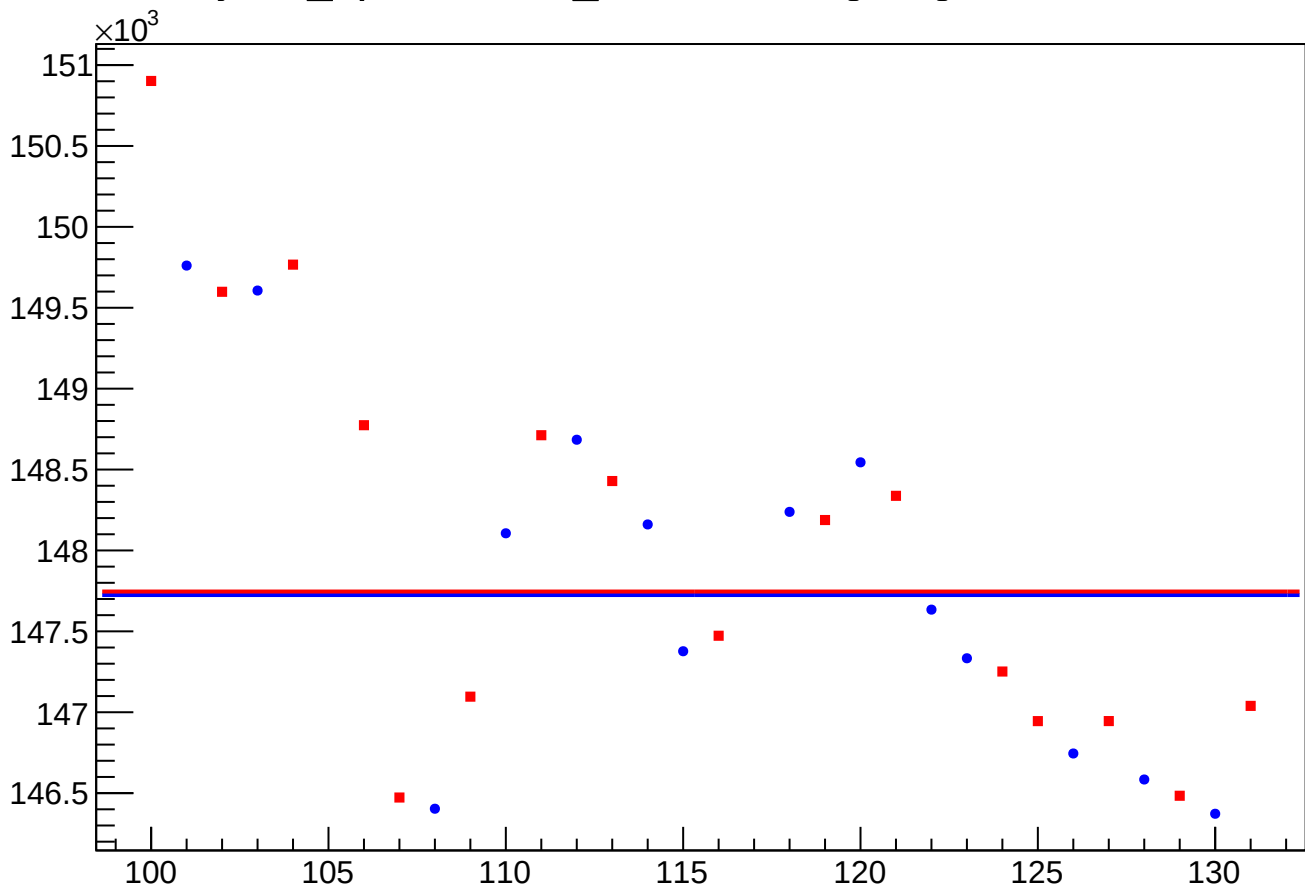
Right: 114.534+/-0.026 χ^2/NDF : 2846362.9/29

In: 115.929+/-0.039 χ^2/NDF : 1375396.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

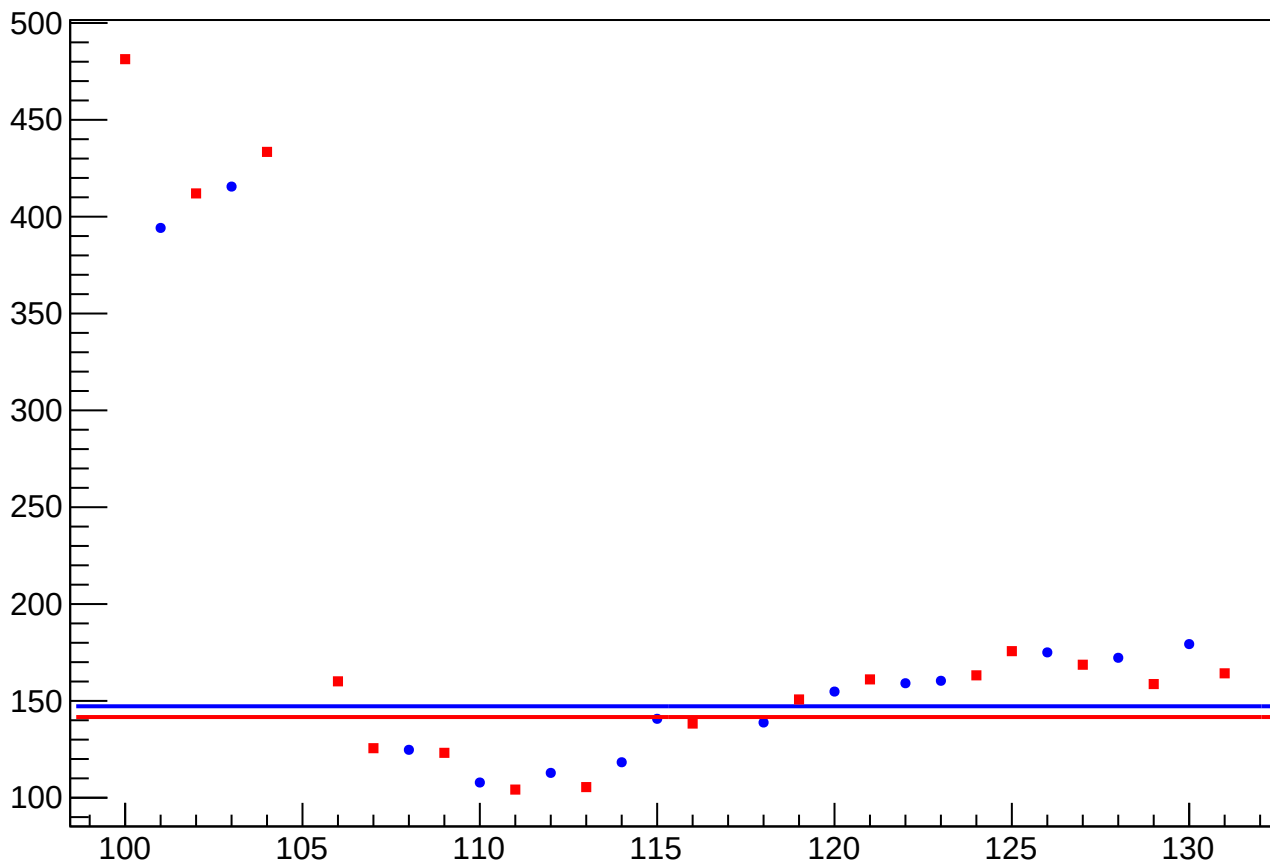
All: 114.534+/-0.026 χ^2/NDF : 2846362.9/29

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 147724.398 $\pm$ 0.070 χ^2 /NDF: 180261567.9/13
 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: 147736.463 $\pm$ 0.046 χ^2 /NDF: 379724036.3/2
 In: 147724.398 $\pm$ 0.070 χ^2 /NDF: 180261567.9/13
 Right Out: 147746.108 $\pm$ 0.062 χ^2 /NDF: 199408482.9/15
 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: 147736.463 $\pm$ 0.046 χ^2 /NDF: 379724036.3/2

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 147.221+/-0.049 χ^2/NDF : 1217941.6/13

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

Right Out: 141.665+/-0.044 χ^2/NDF : 1324715.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

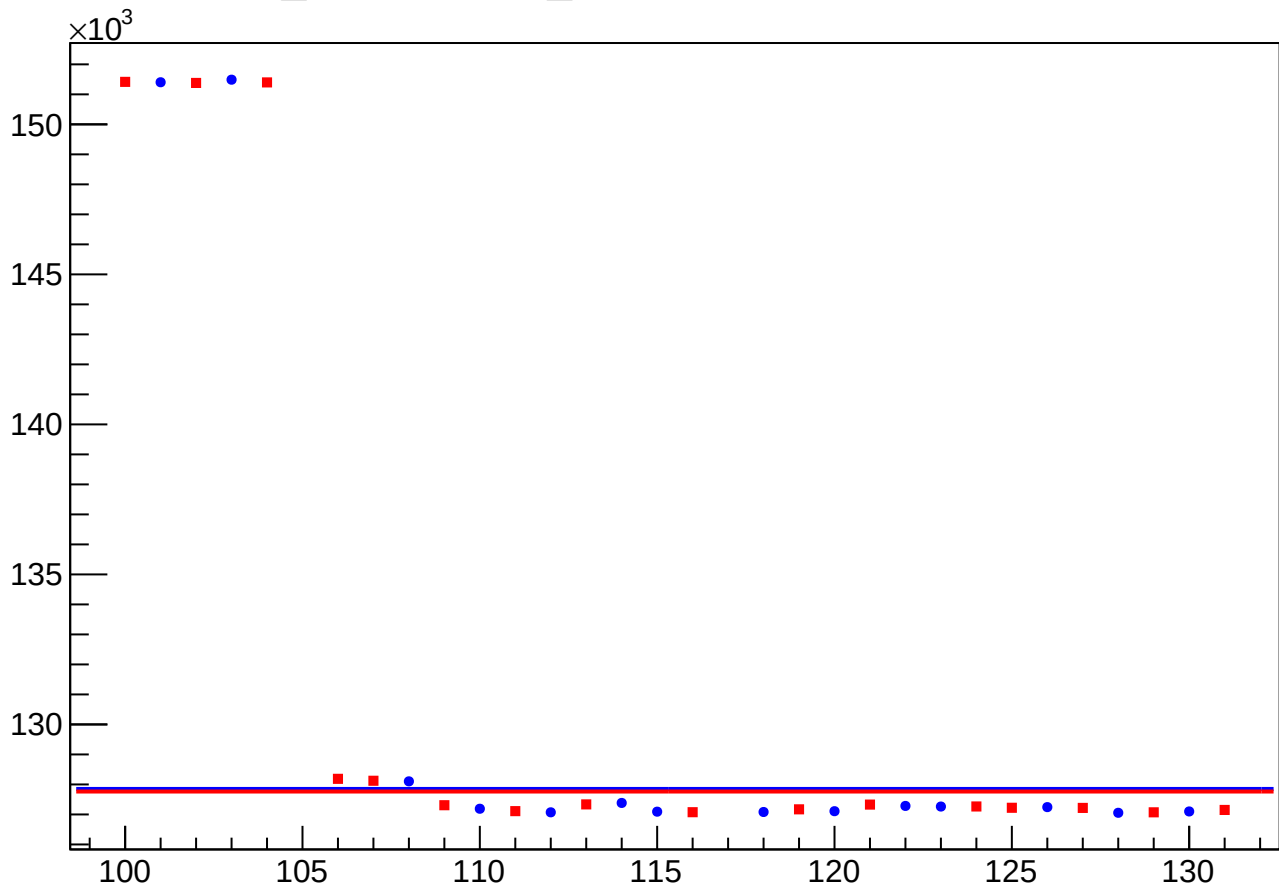
Right: 144.133+/-0.033 χ^2/NDF : 2549729.0/29

In: 147.221+/-0.049 χ^2/NDF : 1217941.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

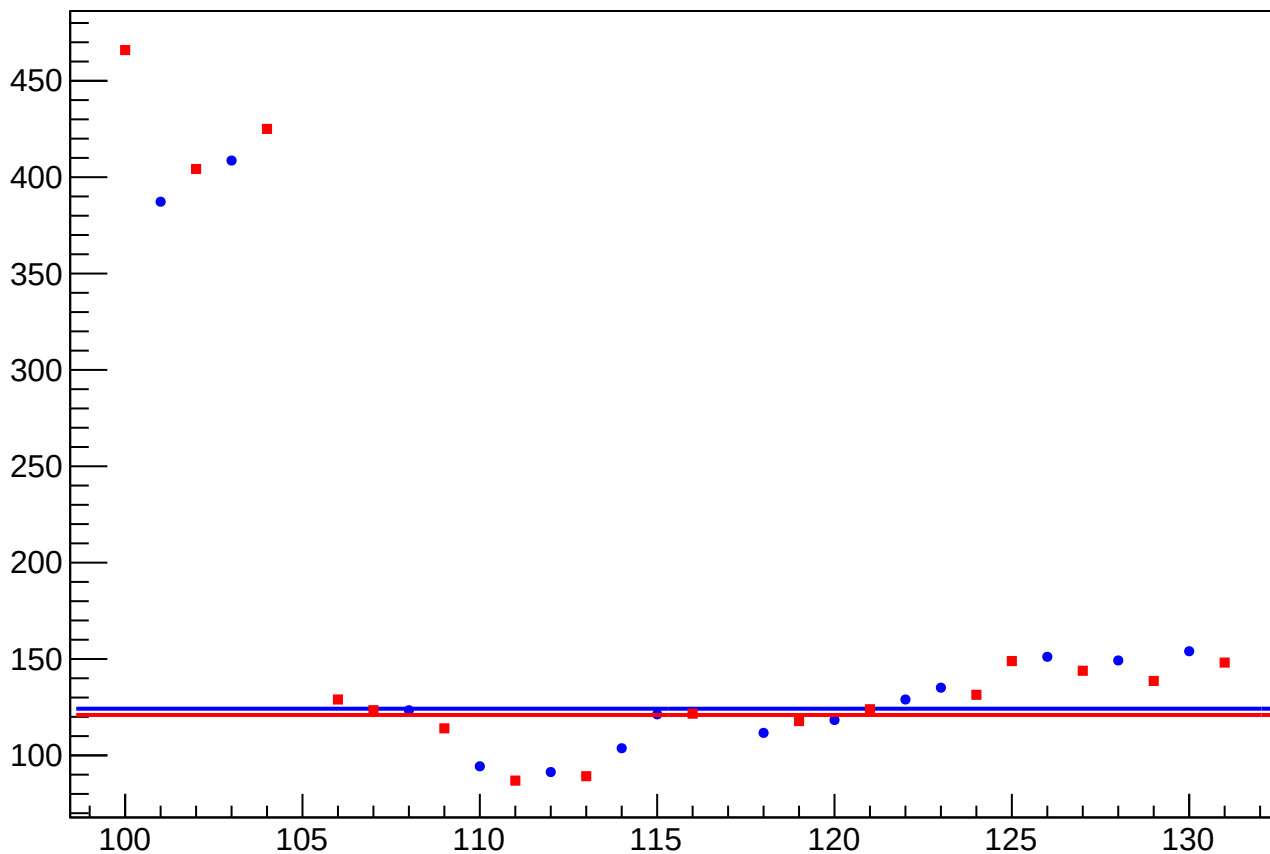
All: 144.133+/-0.033 χ^2/NDF : 2549729.0/29

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 127850.123 $\pm$ 0.059 χ^2 /NDF: 4193756895.0/13
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 127764.140 $\pm$ 0.053 χ^2 /NDF: 3664348858.3/15
 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: 127802.573 $\pm$ 0.040 χ^2 /NDF: 7859264286.4/13
 In: 127850.123 $\pm$ 0.059 χ^2 /NDF: 4193756895.0/13
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 127802.573 $\pm$ 0.040 χ^2 /NDF: 7859264286.4/13

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 124.212+/-0.042 χ^2/NDF : 1372943.1/13

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

Right Out: 120.971+/-0.038 χ^2/NDF : 1442039.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

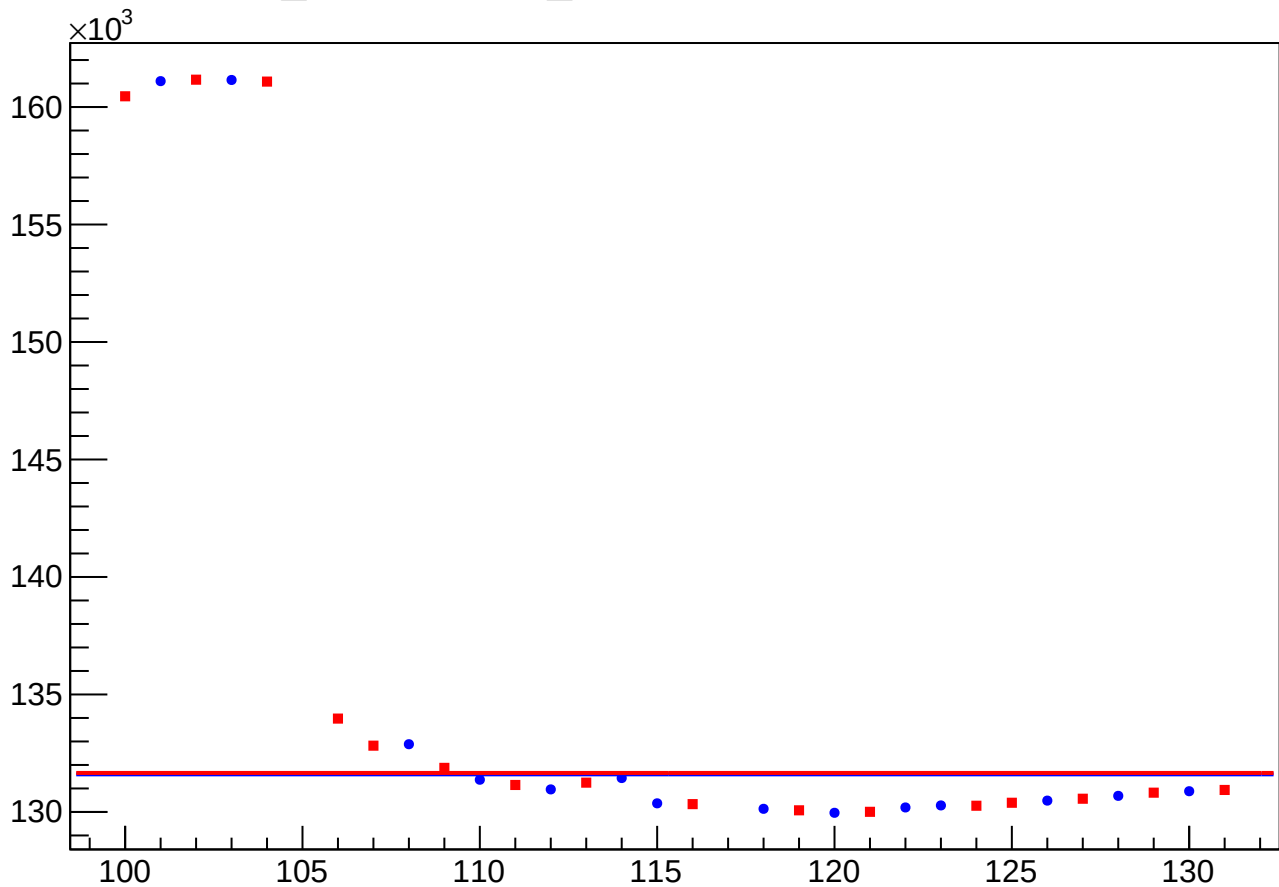
Right: 122.420+/-0.028 χ^2/NDF : 2818274.8/29

In: 124.212+/-0.042 χ^2/NDF : 1372943.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

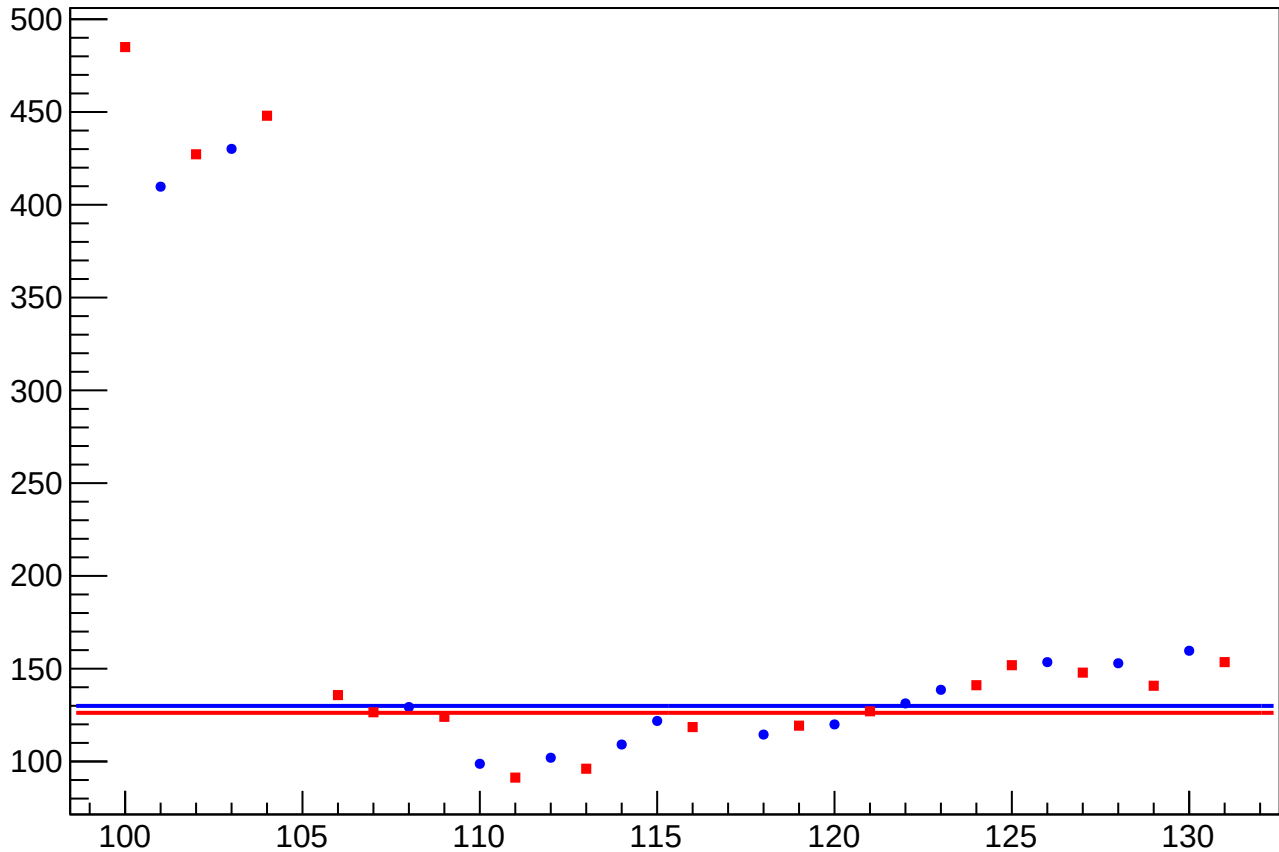
All: 122.420+/-0.028 χ^2/NDF : 2818274.8/29

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 131600.799+/-0.062 χ^2 /NDF: 6017024272.9/13
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right Out: 131660.444+/-0.056 χ^2 /NDF: 5372992756.5/15
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 131633.841+/-0.041 χ^2 /NDF: 11390529547.8

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 129.947 $\pm$ 0.044 χ^2 /NDF: 1331010.3/13

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

Right Out: 126.214 $\pm$ 0.039 χ^2 /NDF: 1410426.7/15

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

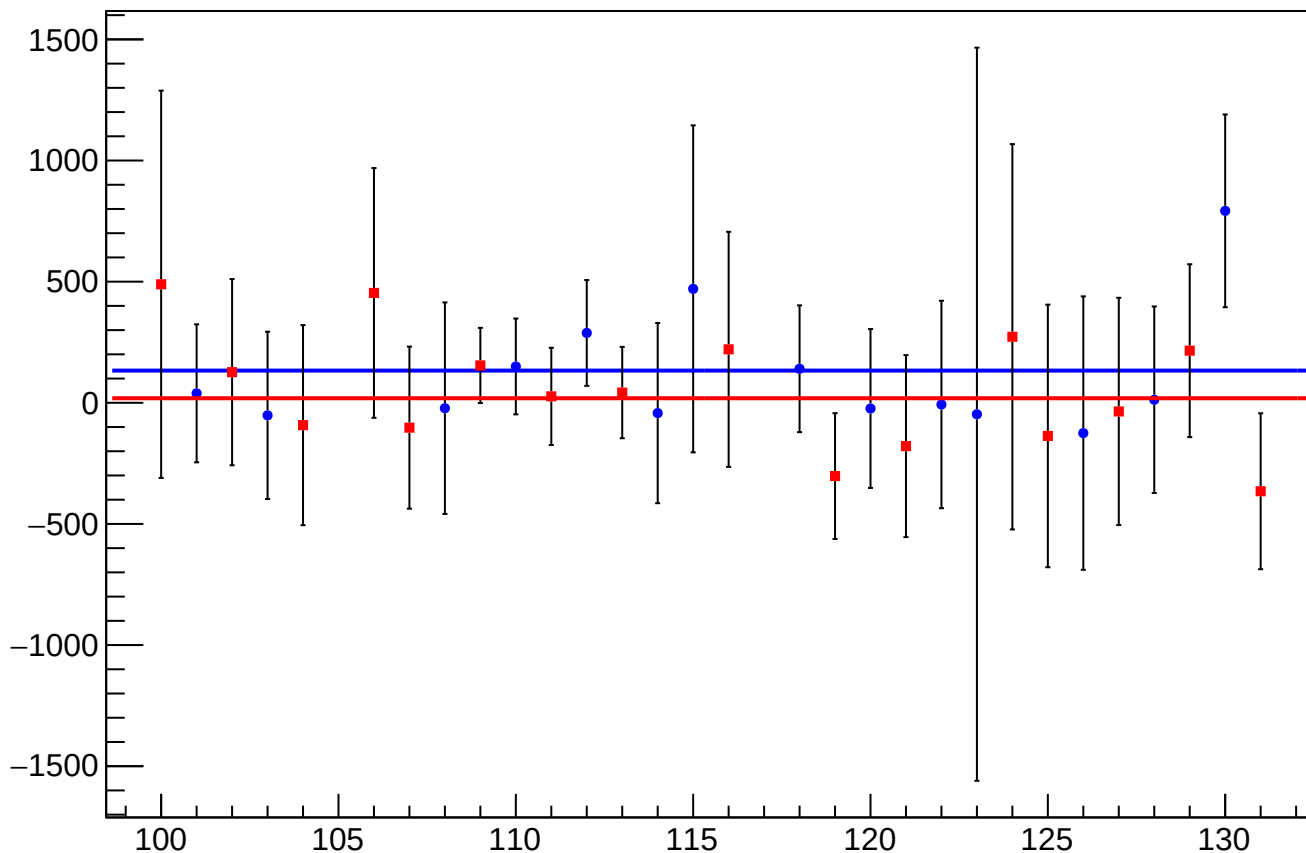
Right: 127.879 $\pm$ 0.029 χ^2 /NDF: 2745451.7/29

In: 129.947 $\pm$ 0.044 χ^2 /NDF:1331010.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 127.879 $\pm$ 0.029 χ^2 /NDF: 2745451.7/29

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 132.941+/-88.417 χ^2/NDF : 4.9/13

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

Right Out: 18.744+/-75.677 χ^2/NDF : 6.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

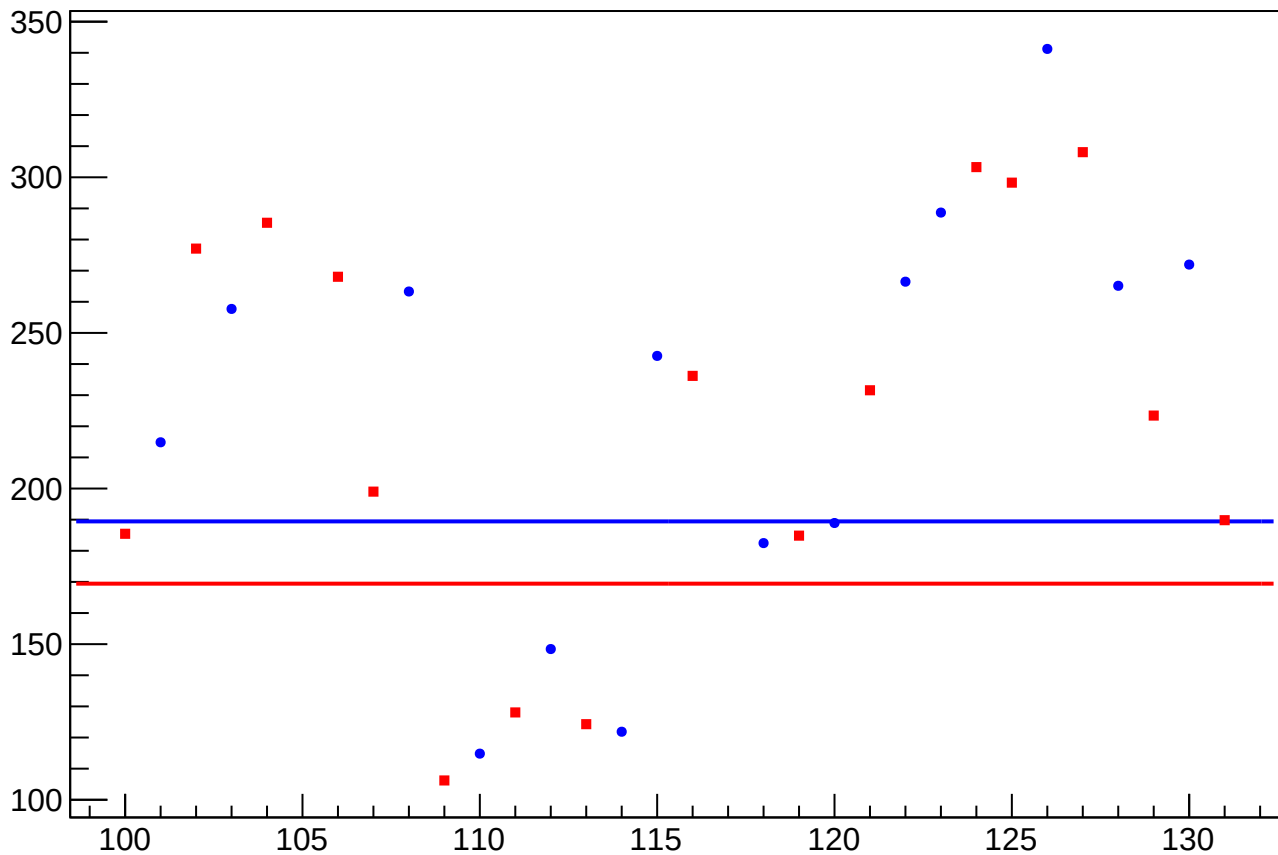
Right: 67.029+/-57.493 χ^2/NDF : 11.9/29

In: 132.941+/-88.417 χ^2/NDF : 4.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.029+/-57.493 χ^2/NDF : 11.9/29

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 189.444 $\pm$ 0.063 χ^2 /NDF: 967890.0/13

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

Right Out: 169.436 $\pm$ 0.054 χ^2 /NDF: 1433892.7/15

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

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

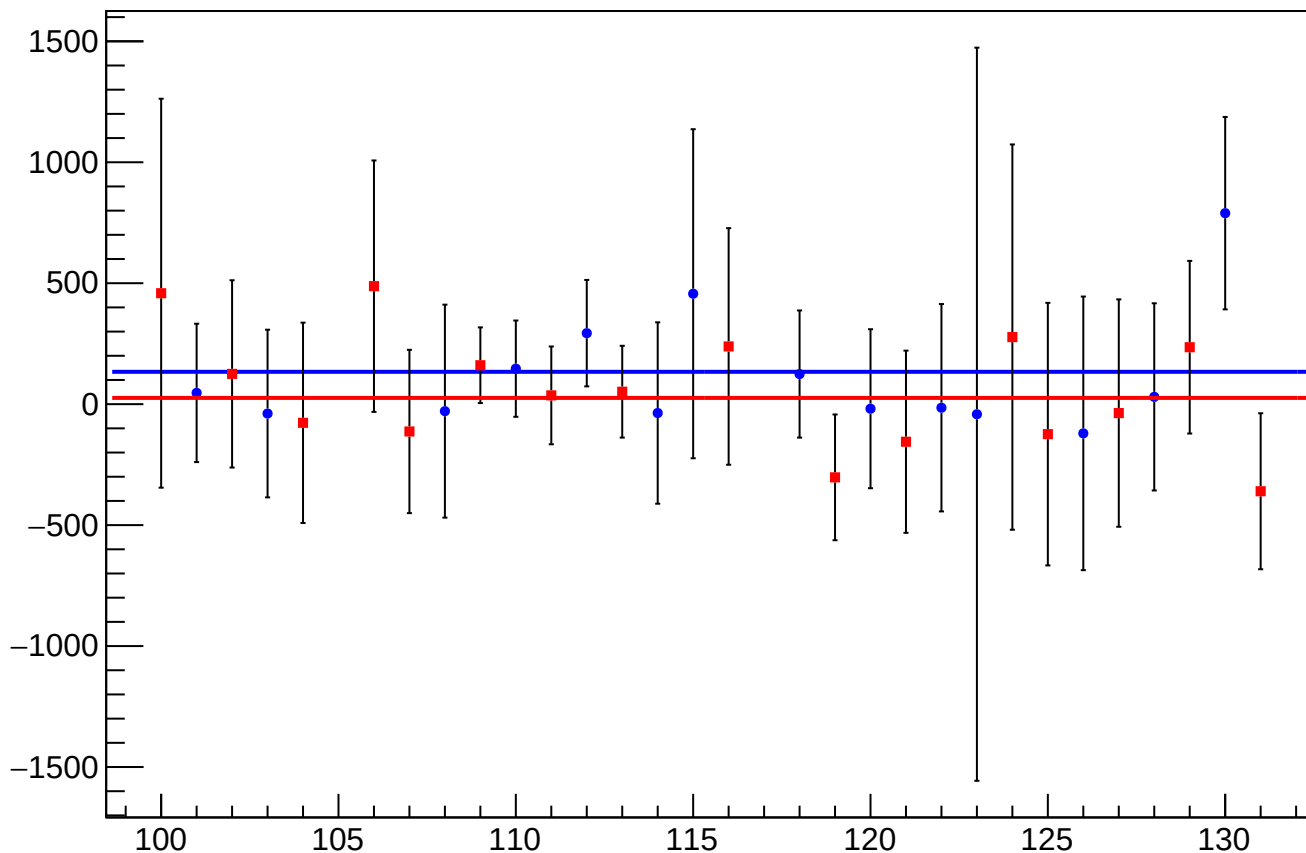
Right: 177.896 $\pm$ 0.041 χ^2 /NDF: 2460894.1/29

In: 189.444 $\pm$ 0.063 χ^2 /NDF:967890.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 177.896 $\pm$ 0.041 χ^2 /NDF: 2460894.1/29

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 133.747 $\pm$ 88.862 χ^2 /NDF: 4.8/13

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

Right Out: 25.864 $\pm$ 76.109 χ^2 /NDF: 6.1/15

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

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

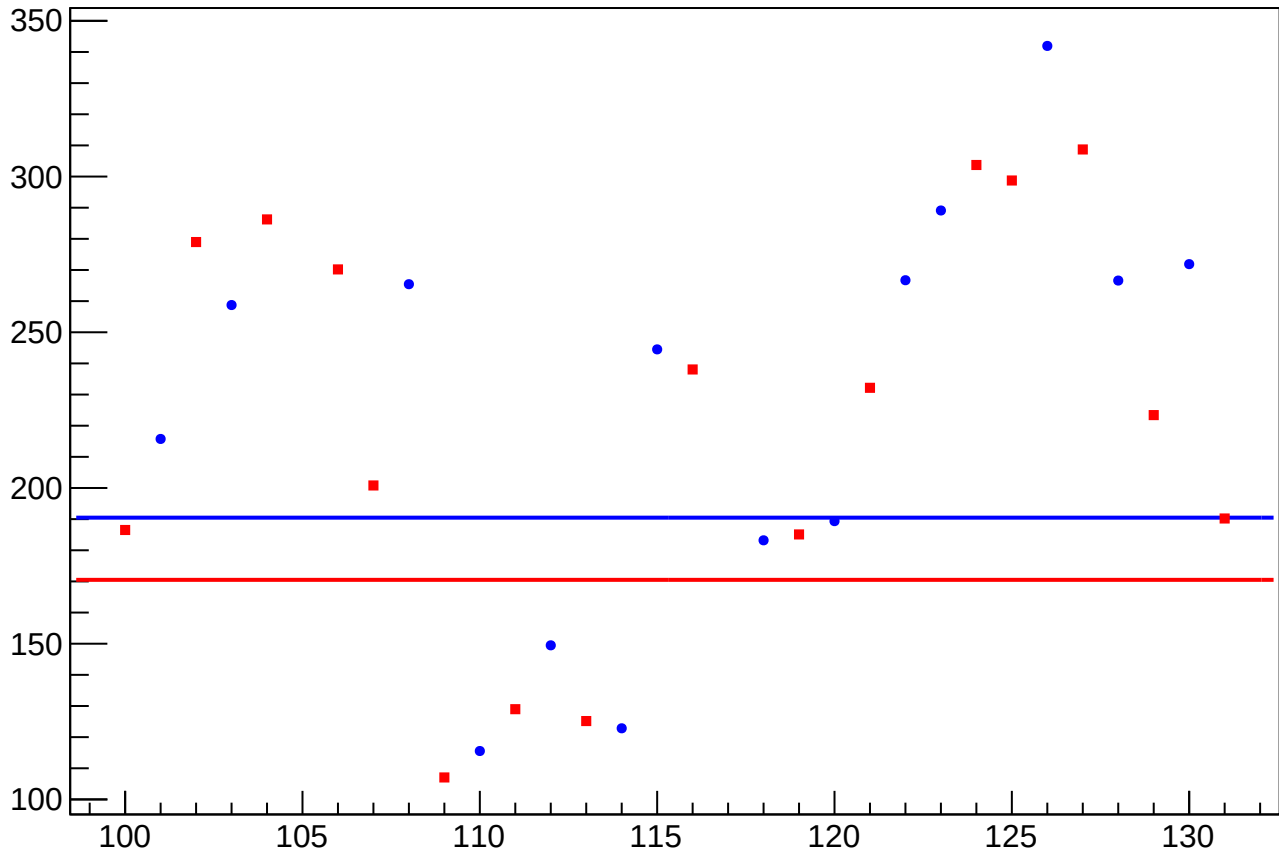
Right: 71.515 $\pm$ 57.805 χ^2 /NDF: 11.8/29

In: 133.747 $\pm$ 88.862 χ^2 /NDF: 4.8/13

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

All: 71.515 $\pm$ 57.805 χ^2 /NDF: 11.8/29

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 190.475+/-0.063 χ^2/NDF : 959841.8/13

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

Right Out: 170.505+/-0.054 χ^2/NDF : 1421383.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

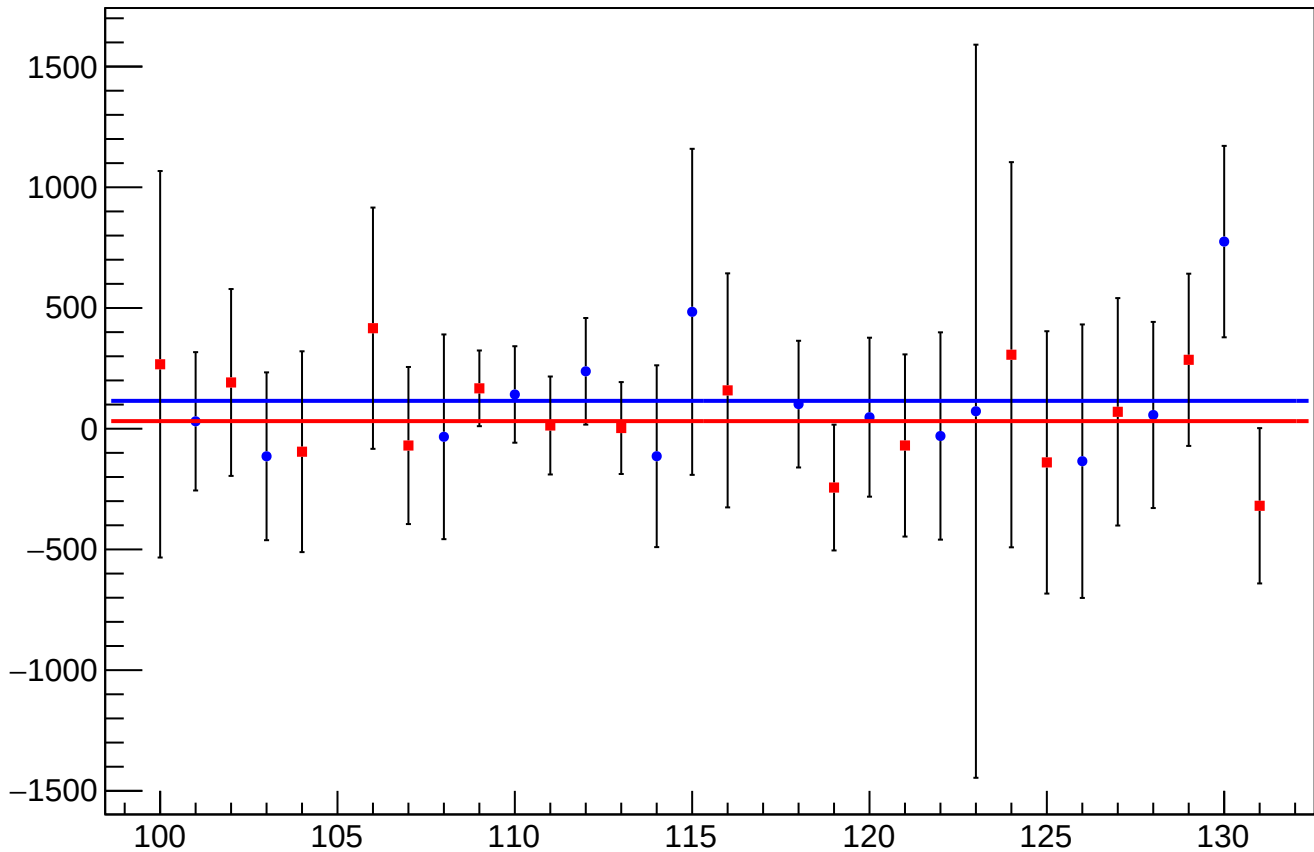
Right: 178.955+/-0.041 χ^2/NDF : 2439494.1/29

In: 190.475+/-0.063 χ^2/NDF : 959841.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.955+/-0.041 χ^2/NDF : 2439494.1/29

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 115.397 $\pm$ 88.859 χ^2 /NDF: 4.8/13

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

Right Out: 31.447 $\pm$ 76.014 χ^2 /NDF: 5.0/15

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

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

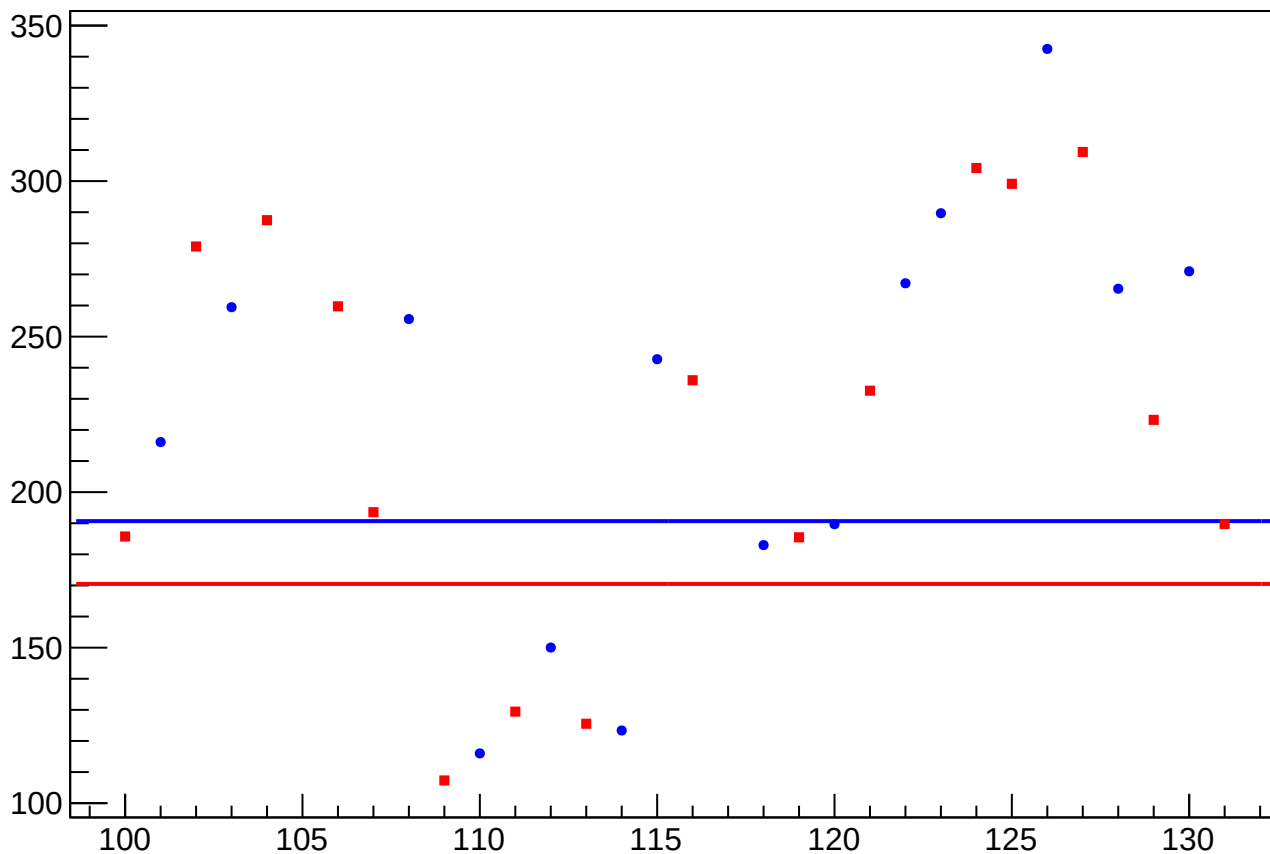
Right: 66.921 $\pm$ 57.762 χ^2 /NDF: 10.3/29

In: 115.397 $\pm$ 88.859 χ^2 /NDF:4.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 66.921 $\pm$ 57.762 χ^2 /NDF: 10.3/29

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 190.680+/-0.063 χ^2/NDF : 938473.2/13

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

Right Out: 170.486+/-0.054 χ^2/NDF : 1398604.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

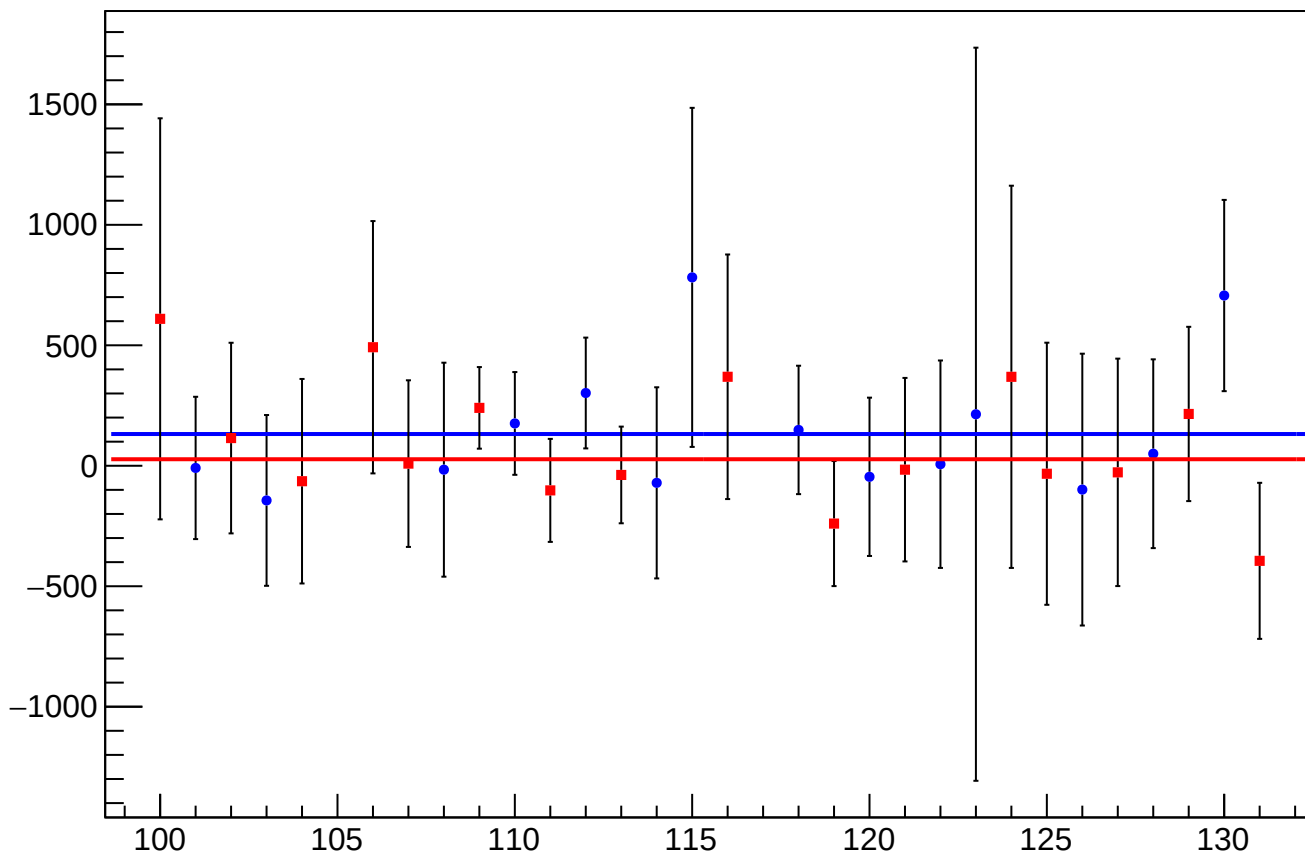
Right: 179.019+/-0.041 χ^2/NDF : 2396726.1/29

In: 190.680+/-0.063 χ^2/NDF : 938473.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.019+/-0.041 χ^2/NDF : 2396726.1/29

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 131.732 $\pm$ 91.683 χ^2 /NDF: 5.3/13

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

Right Out: 27.099 $\pm$ 79.241 χ^2 /NDF: 7.1/15

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

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

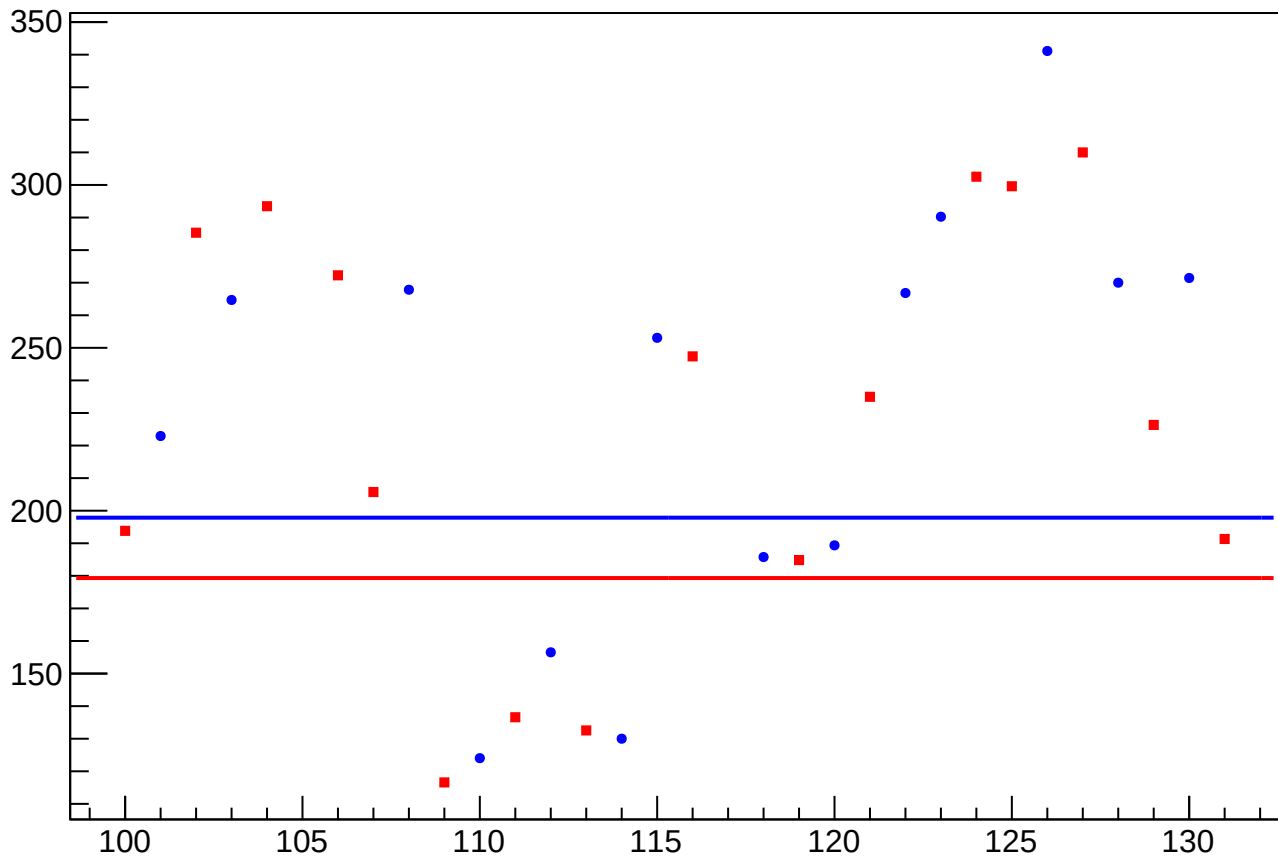
Right: 71.839 $\pm$ 59.952 χ^2 /NDF: 13.2/29

In: 131.732 $\pm$ 91.683 χ^2 /NDF:5.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 71.839 $\pm$ 59.952 χ^2 /NDF: 13.2/29

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 197.861+/-0.065 χ^2/NDF : 840180.4/13

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

Right Out: 179.323+/-0.056 χ^2/NDF : 1242177.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

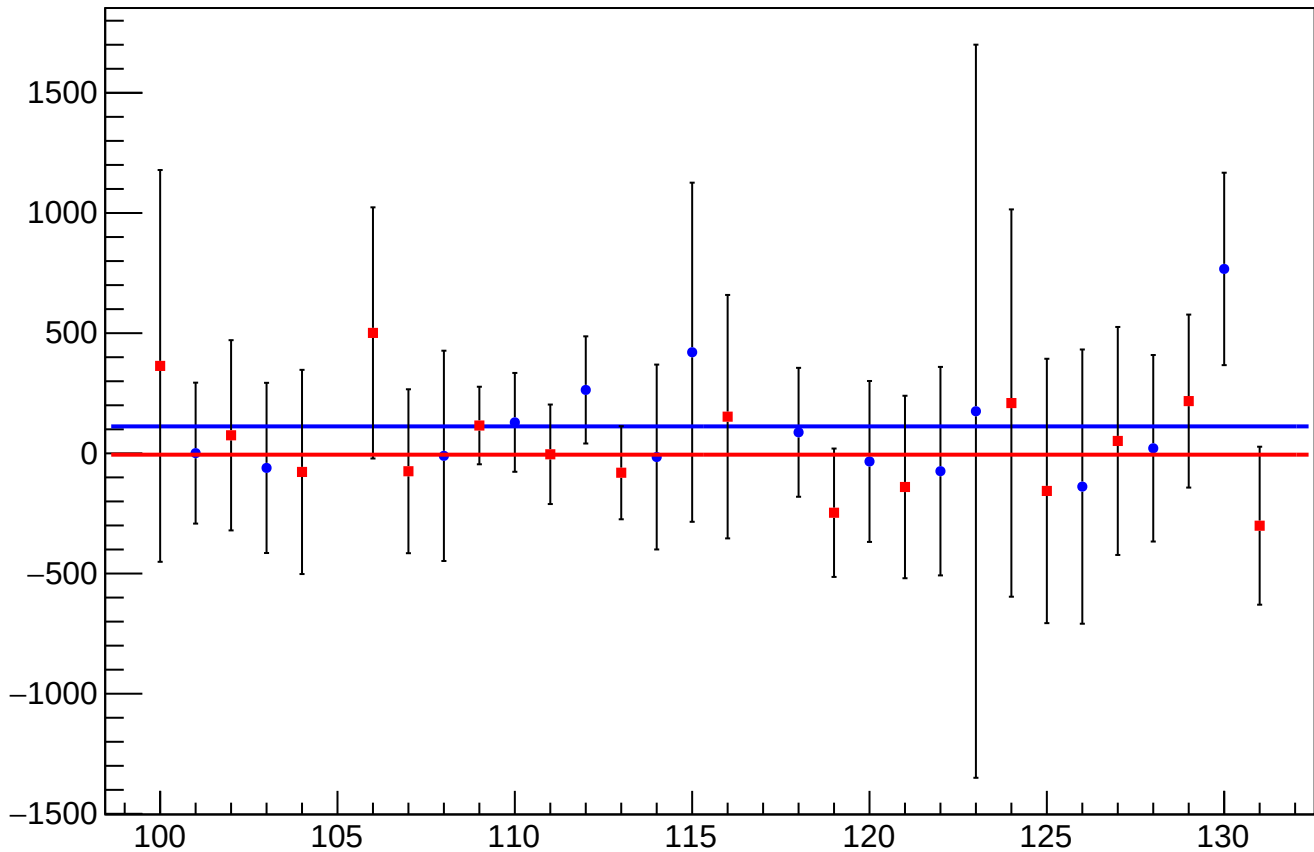
Right: 187.250+/-0.042 χ^2/NDF : 2129159.6/29

In: 197.861+/-0.065 χ^2/NDF :840180.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 187.250+/-0.042 χ^2/NDF : 2129159.6/29

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 112.214 $\pm$ 90.569 χ^2 /NDF: 4.5/13

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

Right Out: -5.477 $\pm$ 77.791 χ^2 /NDF: 4.4/15

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

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

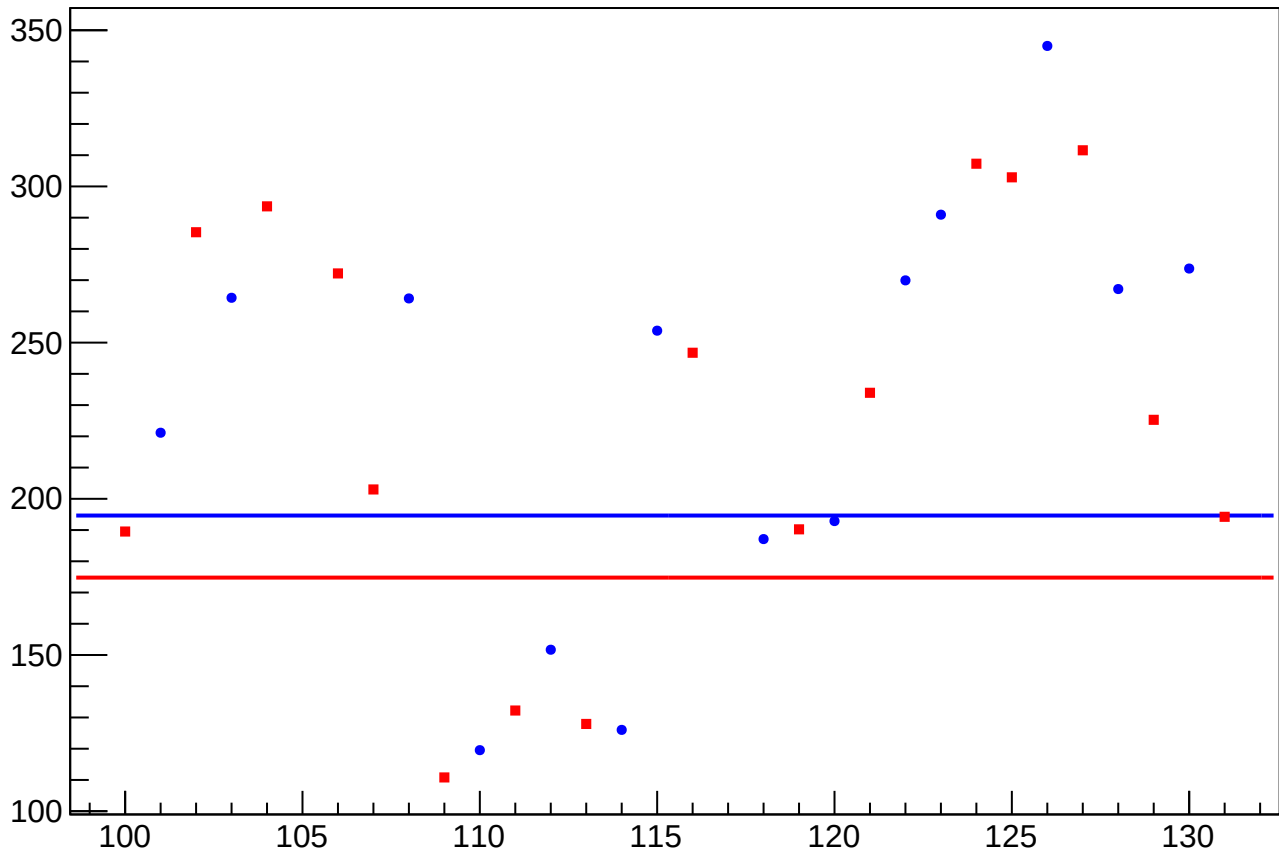
Right: 44.487 $\pm$ 59.012 χ^2 /NDF: 9.9/29

In: 112.214 $\pm$ 90.569 χ^2 /NDF:4.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 44.487 $\pm$ 59.012 χ^2 /NDF: 9.9/29

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 194.644+/-0.064 χ^2/NDF : 919818.2/13

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

Right Out: 174.777+/-0.055 χ^2/NDF : 1383604.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

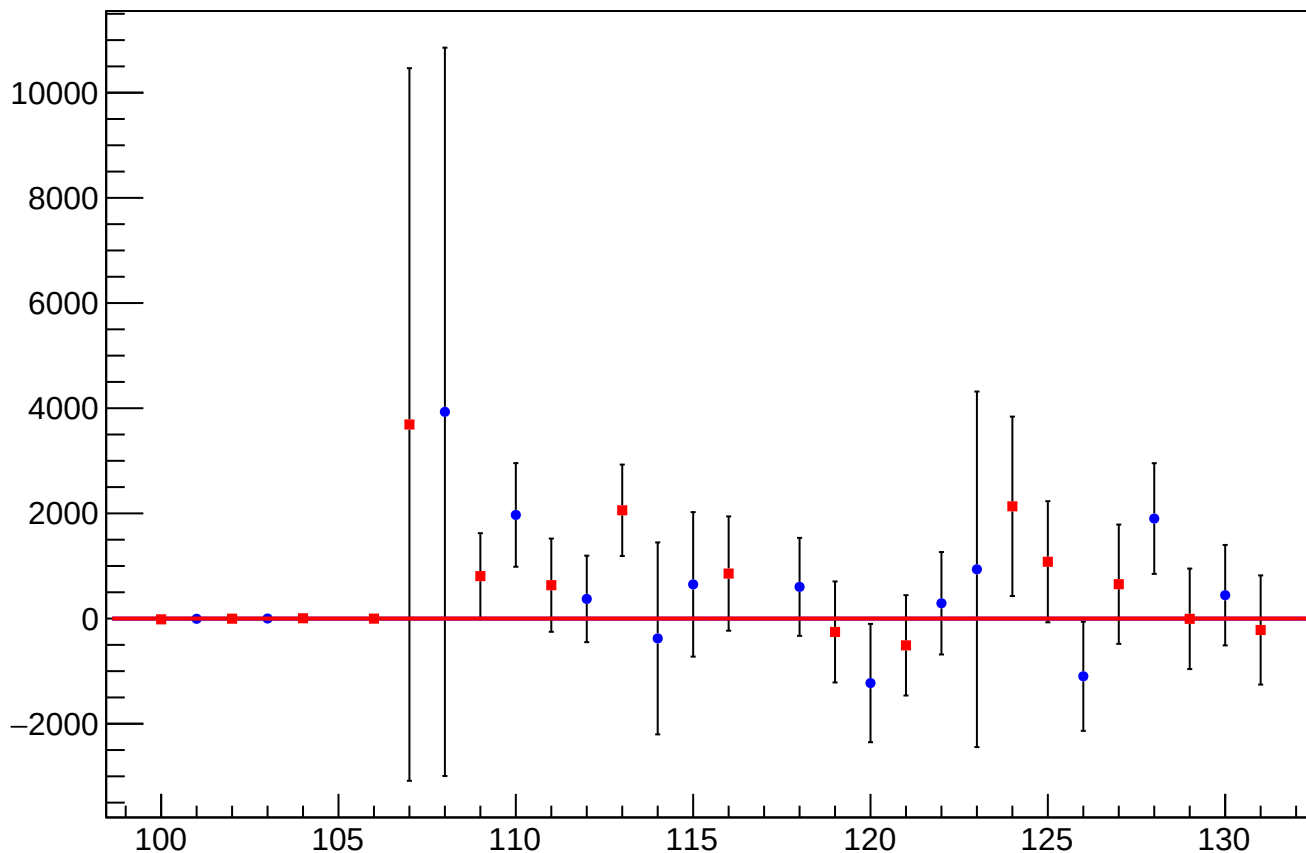
Right: 183.211+/-0.042 χ^2/NDF : 2358805.6/29

In: 194.644+/-0.064 χ^2/NDF : 919818.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.211+/-0.042 χ^2/NDF : 2358805.6/29

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.499+/-2.251 χ^2/NDF : 12.5/13

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

Right Out: 0.741+/-2.111 χ^2/NDF : 17.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

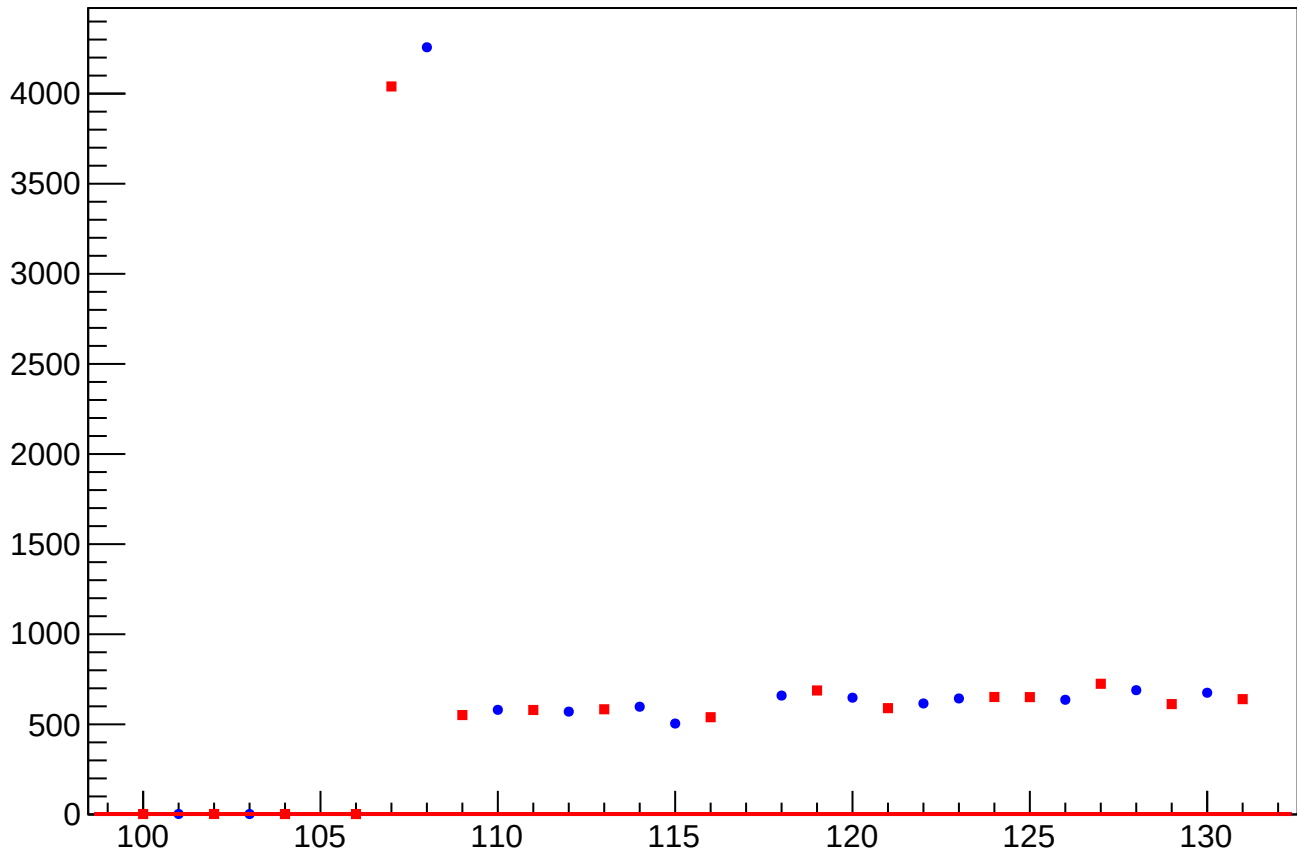
Right: -0.307+/-1.540 χ^2/NDF : 30.1/29

In: -1.499+/-2.251 χ^2/NDF : 12.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.307+/-1.540 χ^2/NDF : 30.1/29

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.440+/-0.002 χ^2/NDF : 8002999.4/13

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

Right Out: 2.426+/-0.001 χ^2/NDF : 8941457.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

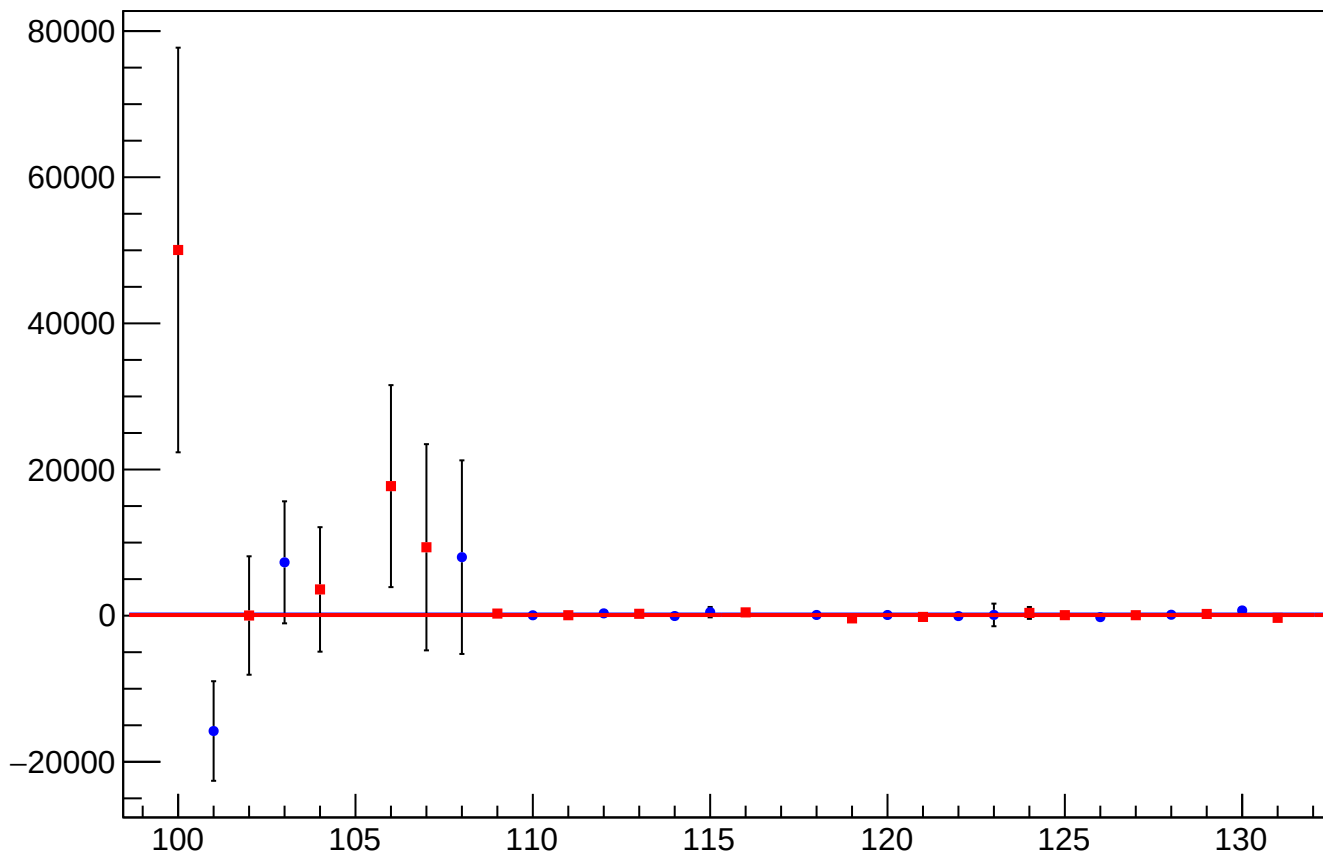
Right: 2.433+/-0.001 χ^2/NDF : 16944499.0/29

In: 2.440+/-0.002 χ^2/NDF : 8002999.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.433+/-0.001 χ^2/NDF : 16944499.0/29

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 151.889+/-104.191 χ^2/NDF : 10.3/13

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

Right Out: 86.089+/-93.639 χ^2/NDF : 12.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

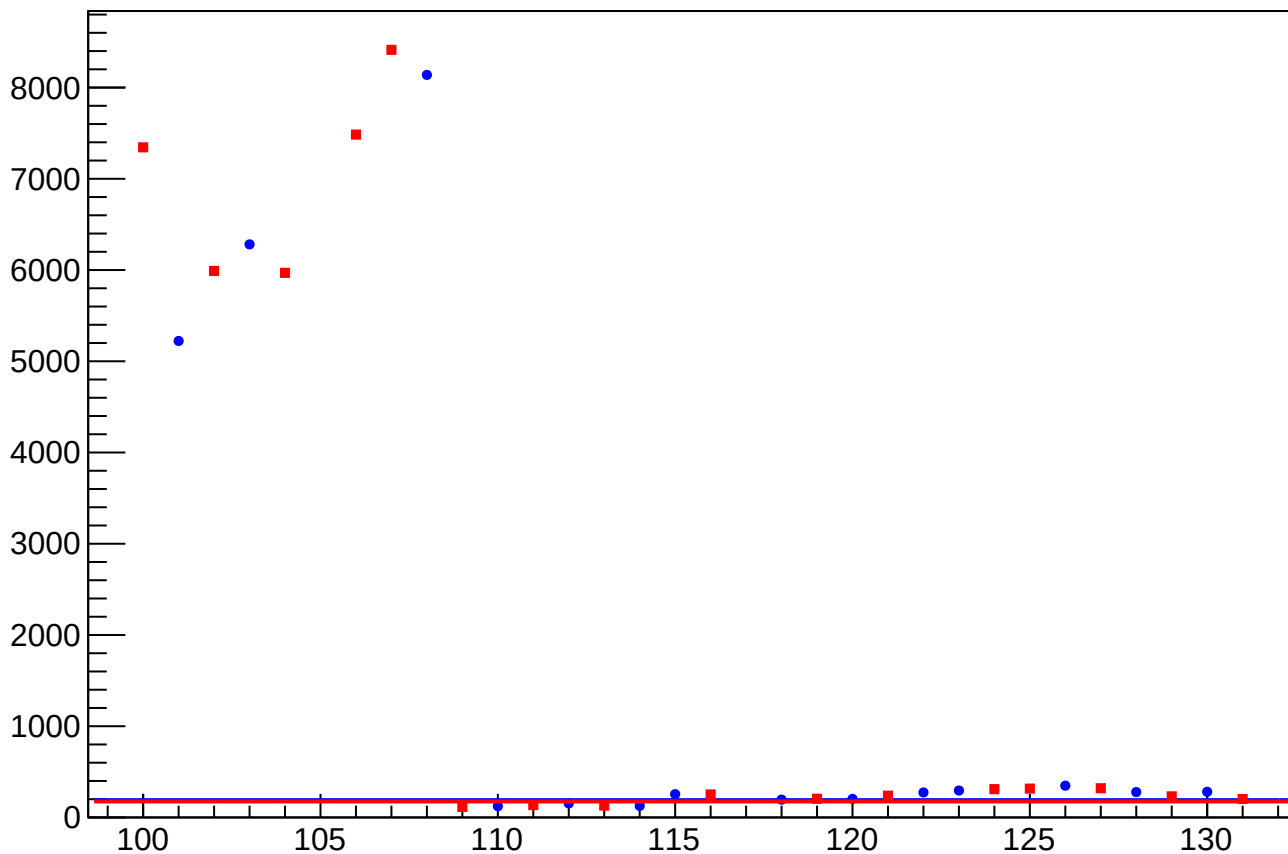
Right: 115.489+/-69.646 χ^2/NDF : 22.6/29

In: 151.889+/-104.191 χ^2/NDF : 10.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.489+/-69.646 χ^2/NDF : 22.6/29

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 189.602+/-0.074 χ^2/NDF : 3624712.0/13

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

Right Out: 175.562+/-0.066 χ^2/NDF : 4171272.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

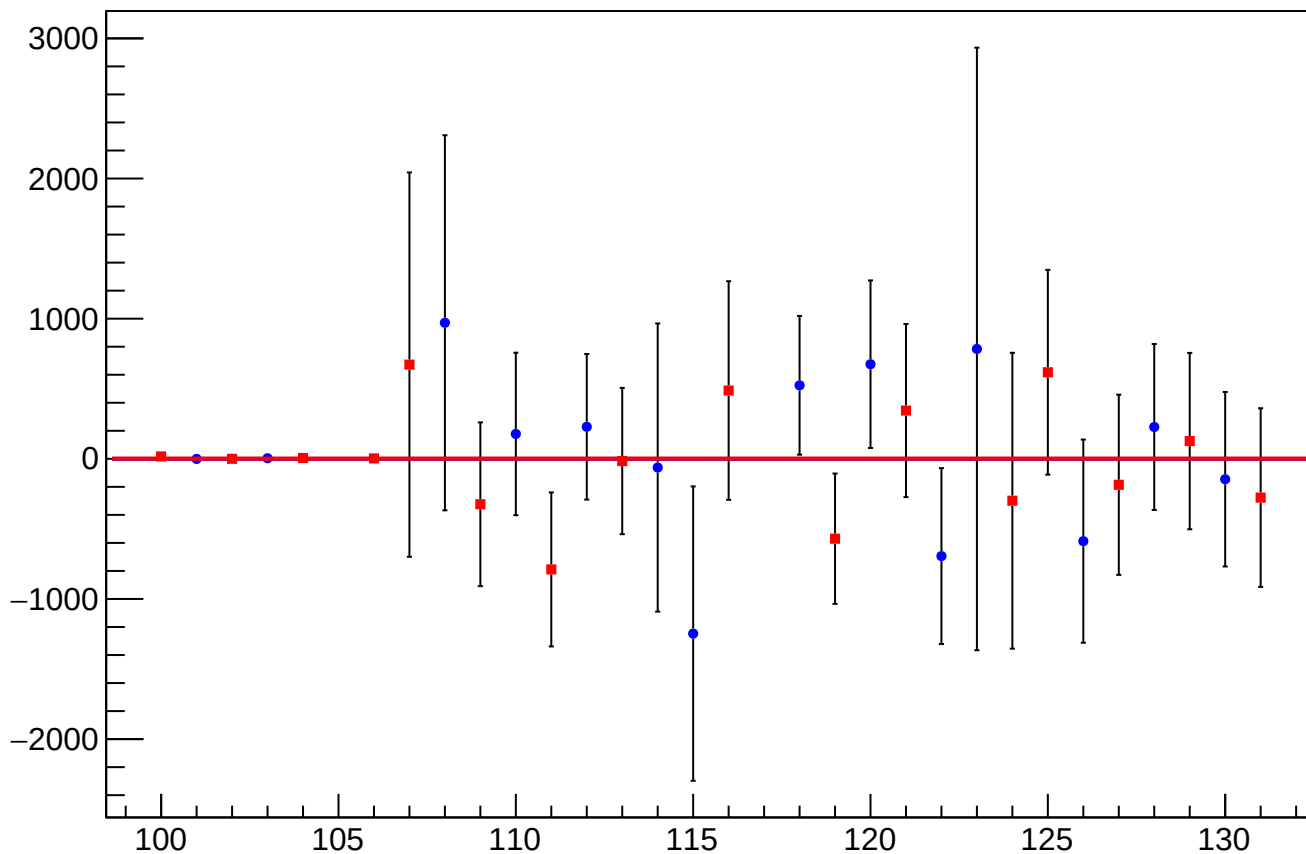
Right: 181.835+/-0.049 χ^2/NDF : 7816075.0/29

In: 189.602+/-0.074 χ^2/NDF : 3624712.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.835+/-0.049 χ^2/NDF : 7816075.0/29

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.153 ± 1.737 $\chi^2/\text{NDF}: 7.7/13$

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

Right Out: 1.323 ± 1.623 $\chi^2/\text{NDF}: 8.7/15$

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

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

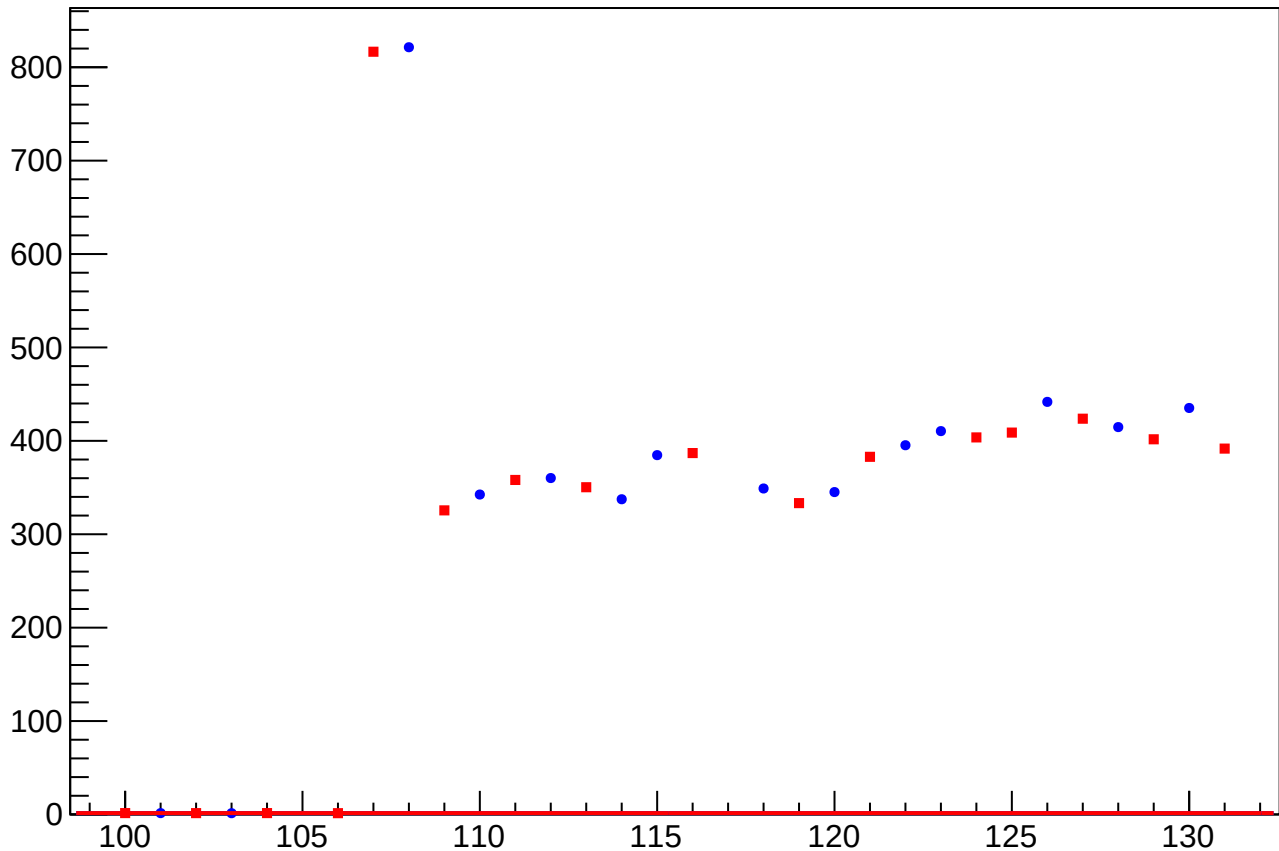
Right: 0.635 ± 1.186 $\chi^2/\text{NDF}: 16.7/29$

In: -0.153 ± 1.737 $\chi^2/\text{NDF}: 7.7/13$

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

All: 0.635 ± 1.186 $\chi^2/\text{NDF}: 16.7/29$

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.442+/-0.001 χ^2/NDF : 8069269.6/13

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

Right Out: 1.444+/-0.001 χ^2/NDF : 8665179.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

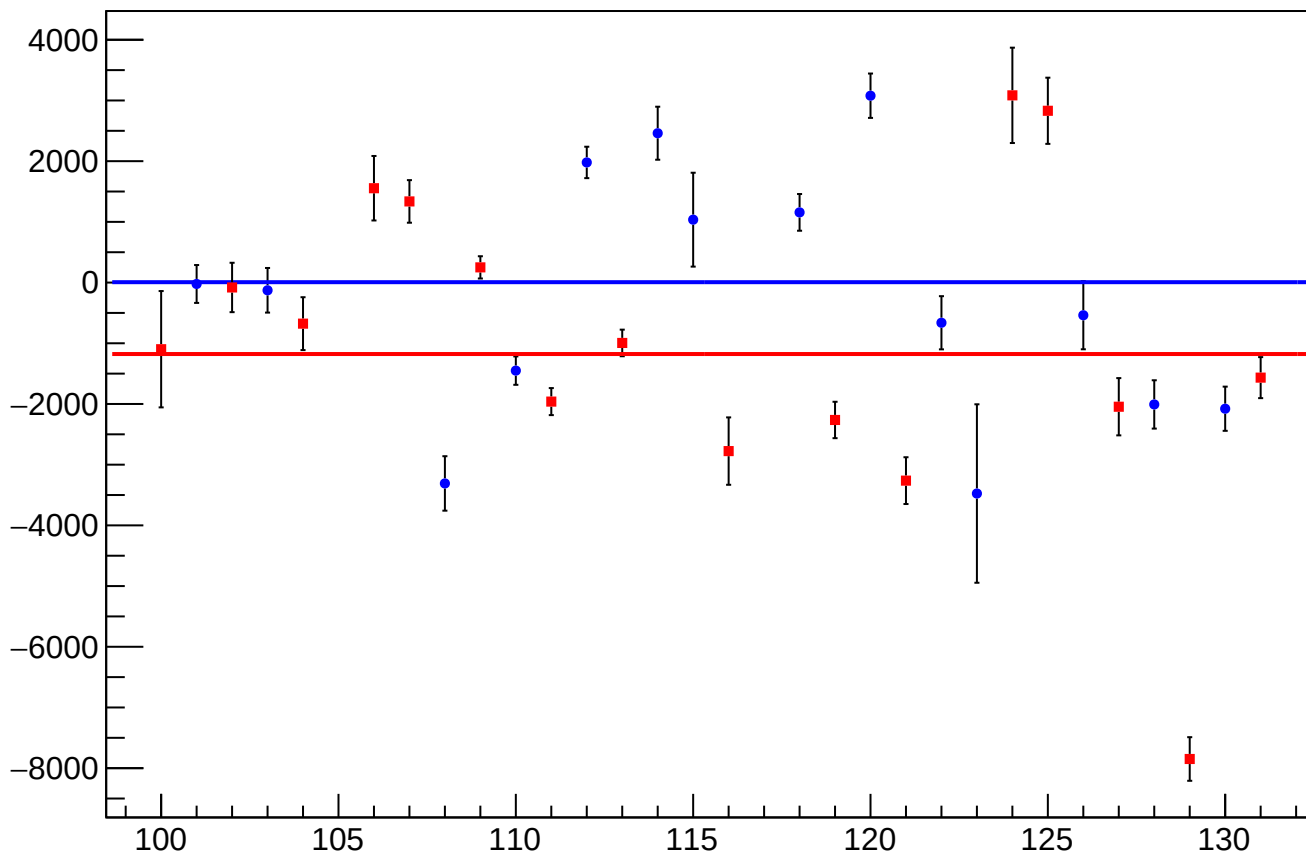
Right: 1.443+/-0.001 χ^2/NDF : 16734450.2/29

In: 1.442+/-0.001 χ^2/NDF : 8069269.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.443+/-0.001 χ^2/NDF : 16734450.2/29

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 6.359+/-98.106 χ^2 /NDF: 337.5/13

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

Right Out: -1177.251+/-83.948 χ^2 /NDF: 643.7/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

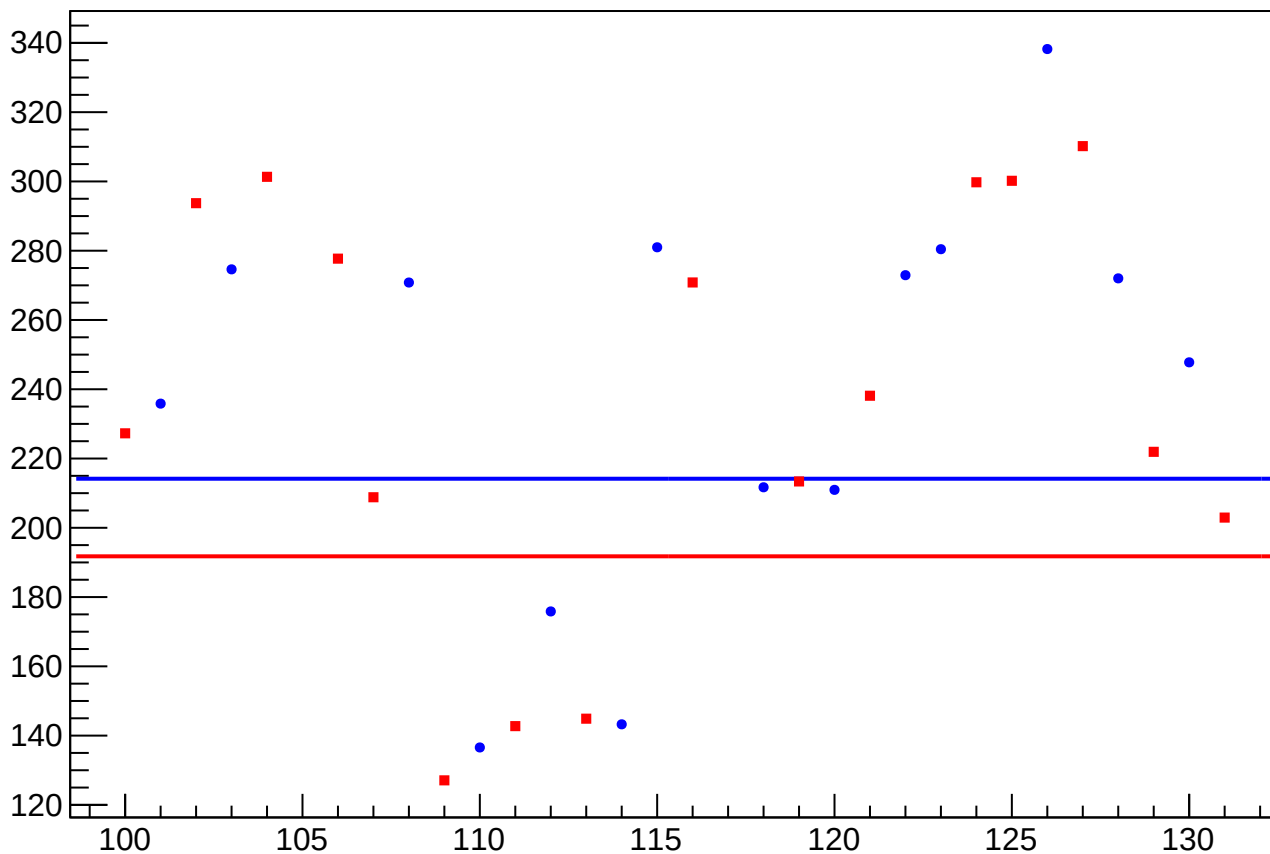
Right: -676.939+/-63.784 χ^2 /NDF: 1065.2/29

In: 6.359+/-98.106 χ^2 /NDF:337.5/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -676.939+/-63.784 χ^2 /NDF: 1065.2/29

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 214.166 ± 0.069 χ^2/NDF : 624591.2/13

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

Right Out: 191.764 ± 0.059 χ^2/NDF : 1088595.4/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

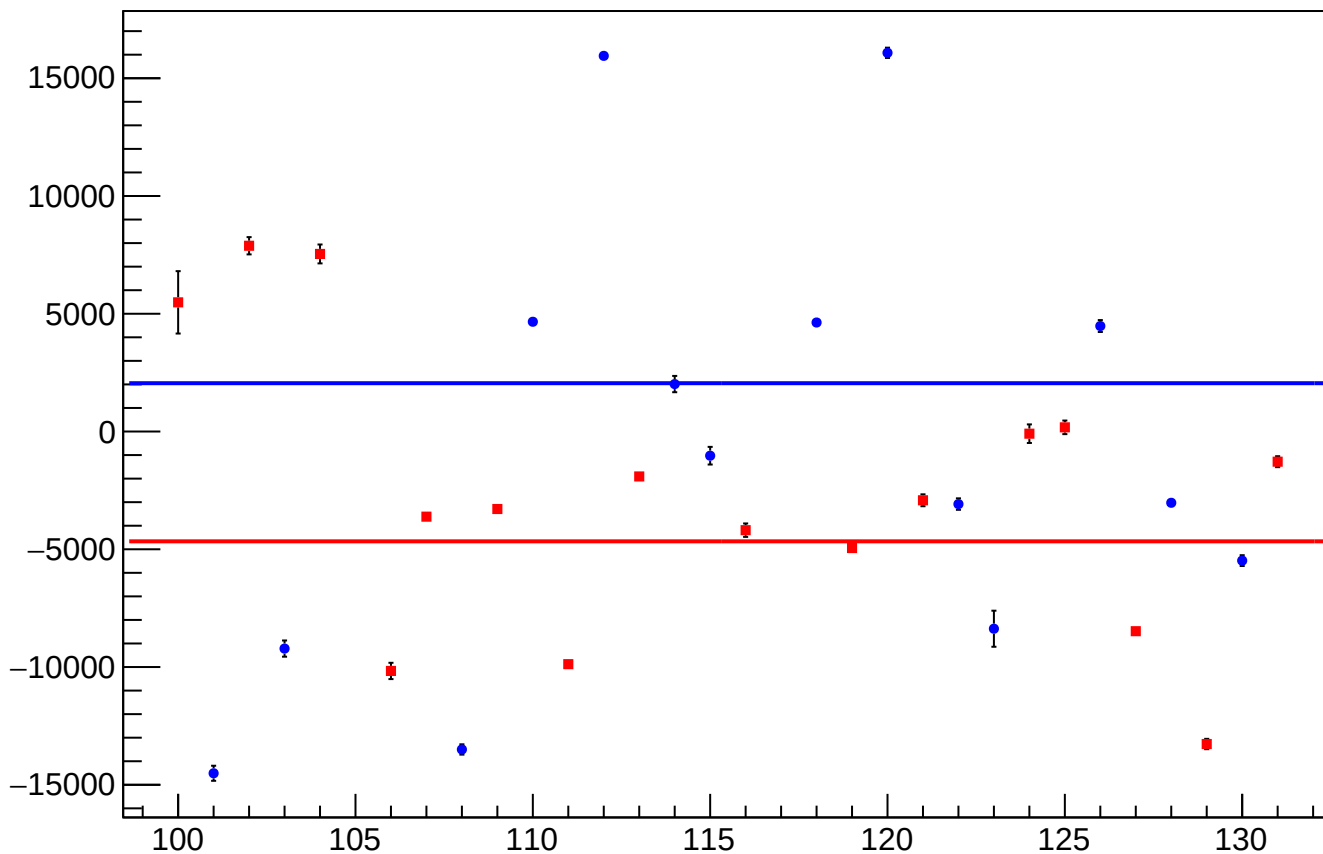
Right: 201.233 ± 0.045 χ^2/NDF : 1773387.0/29

In: 214.166 ± 0.069 χ^2/NDF : 624591.2/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 201.233 ± 0.045 χ^2/NDF : 1773387.0/29

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 2051.441+/-62.336 χ^2/NDF : 22430.3/13

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

Right Out: -4662.792+/-57.513 χ^2/NDF : 6453.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

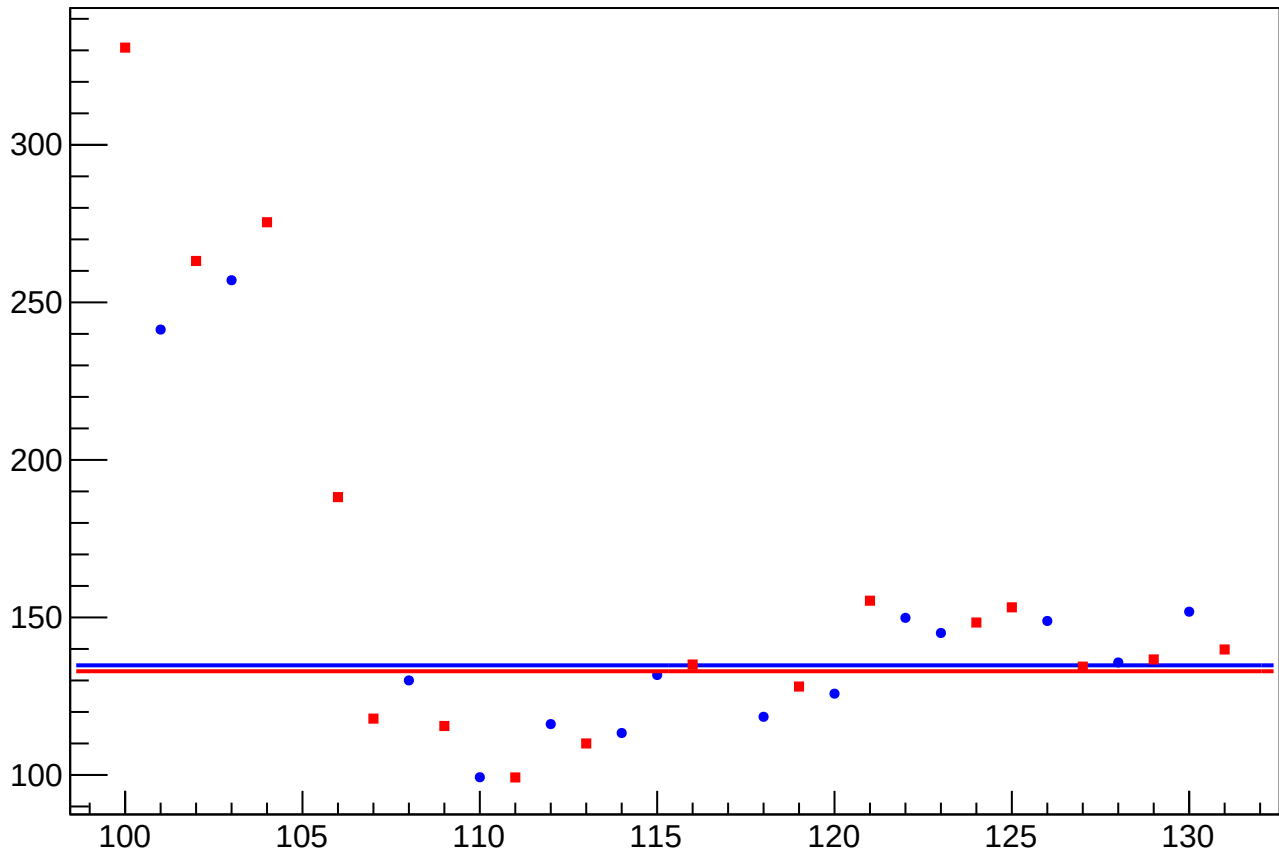
Right: -1575.457+/-42.270 χ^2/NDF : 35150.5/29

In: 2051.441+/-62.336 χ^2/NDF :22430.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1575.457+/-42.270 χ^2/NDF : 35150.5/29

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 134.801+/-0.044 χ^2/NDF : 640679.0/13

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

Right Out: 132.922+/-0.041 χ^2/NDF : 798519.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

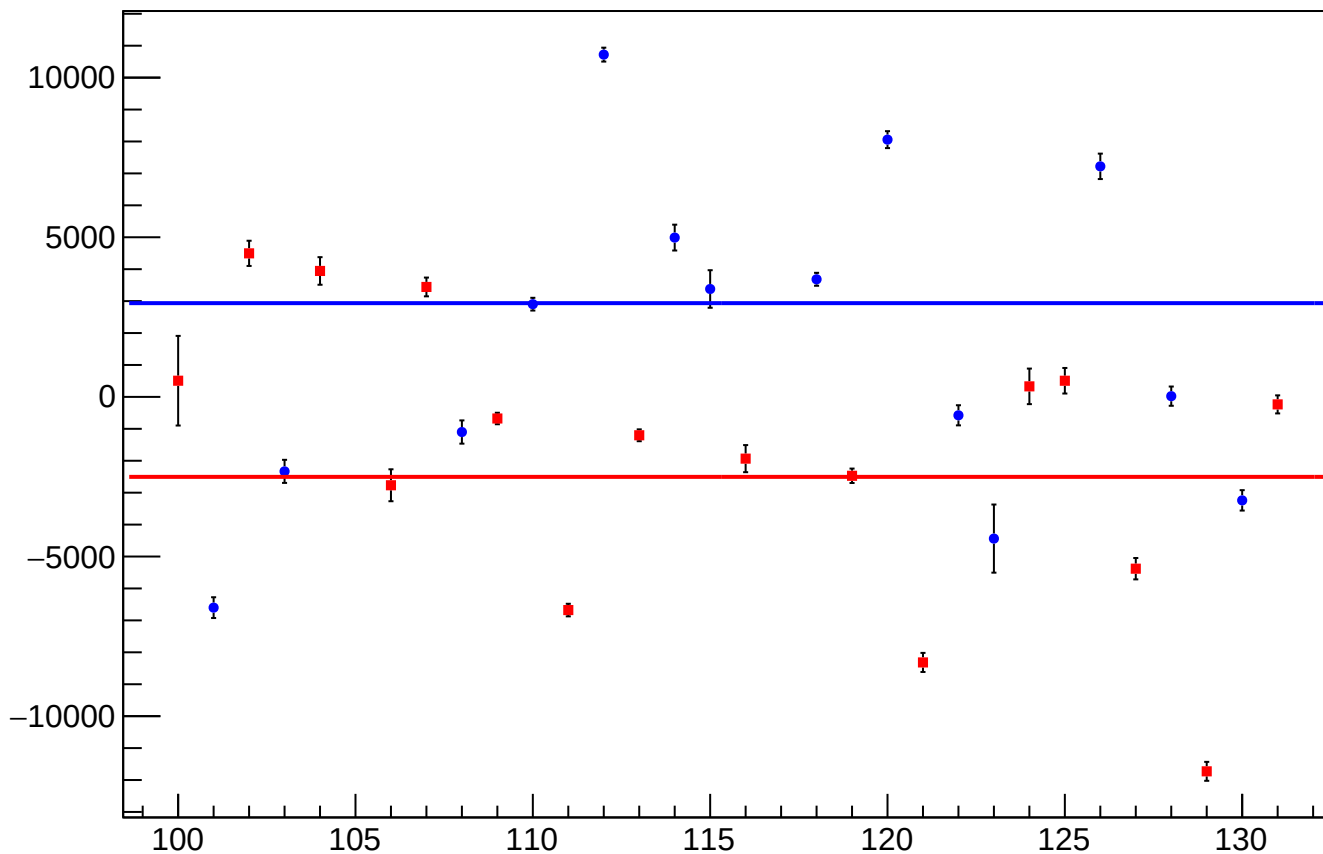
Right: 133.786+/-0.030 χ^2/NDF : 1440180.3/29

In: 134.801+/-0.044 χ^2/NDF : 640679.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.786+/-0.030 χ^2/NDF : 1440180.3/29

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 2936.309+/-79.956 χ^2/NDF : 3638.3/13

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

Right Out: -2504.820+/-72.157 χ^2/NDF : 3120.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

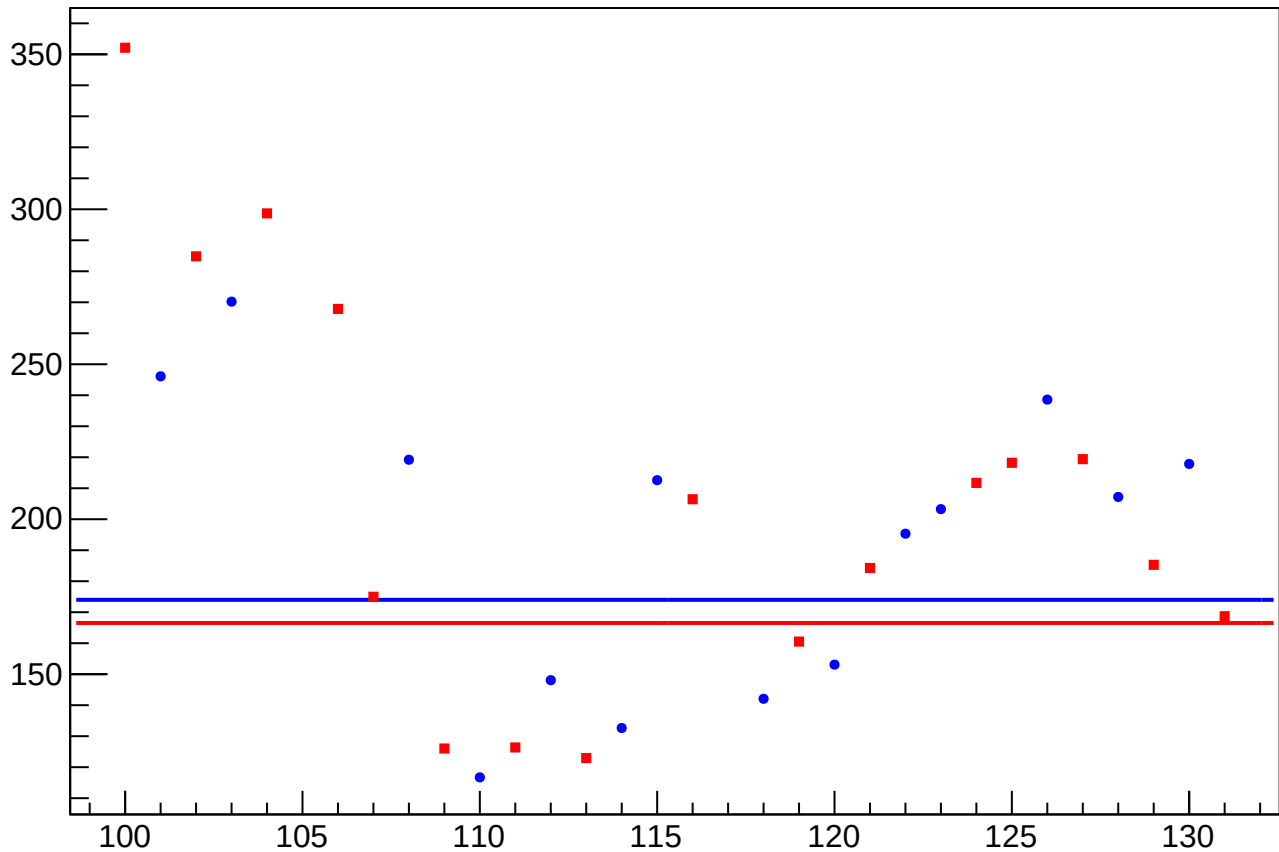
Right: -62.494+/-53.568 χ^2/NDF : 9311.1/29

In: 2936.309+/-79.956 χ^2/NDF : 3638.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -62.494+/-53.568 χ^2/NDF : 9311.1/29

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 173.998+/-0.057 χ^2/NDF : 680475.6/13

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

Right Out: 166.532+/-0.051 χ^2/NDF : 910374.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

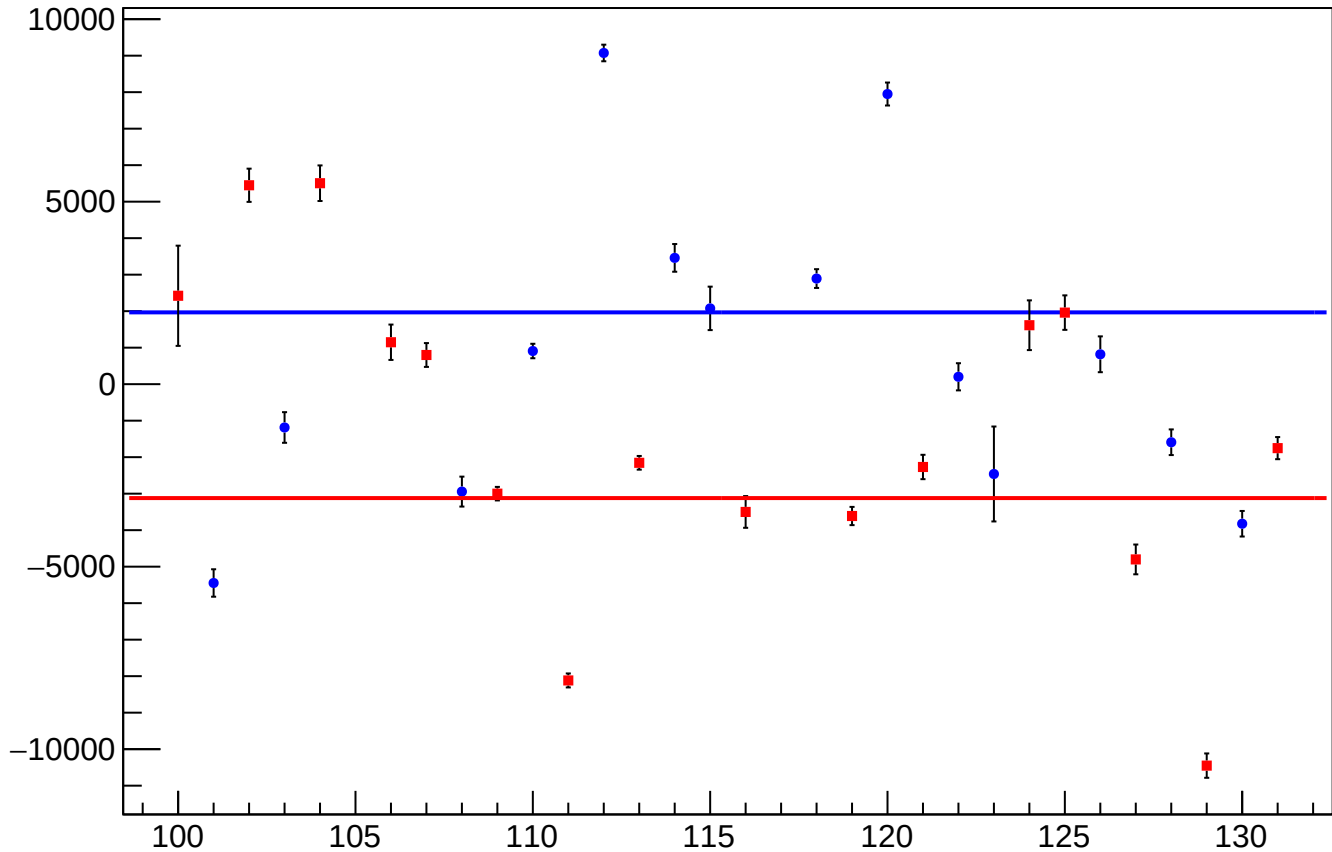
Right: 169.883+/-0.038 χ^2/NDF : 1600462.0/29

In: 173.998+/-0.057 χ^2/NDF : 680475.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.883+/-0.038 χ^2/NDF : 1600462.0/29

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 1966.942+/-88.835 χ^2/NDF : 2399.8/13

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

Right Out: -3121.040+/-76.511 χ^2/NDF : 2309.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

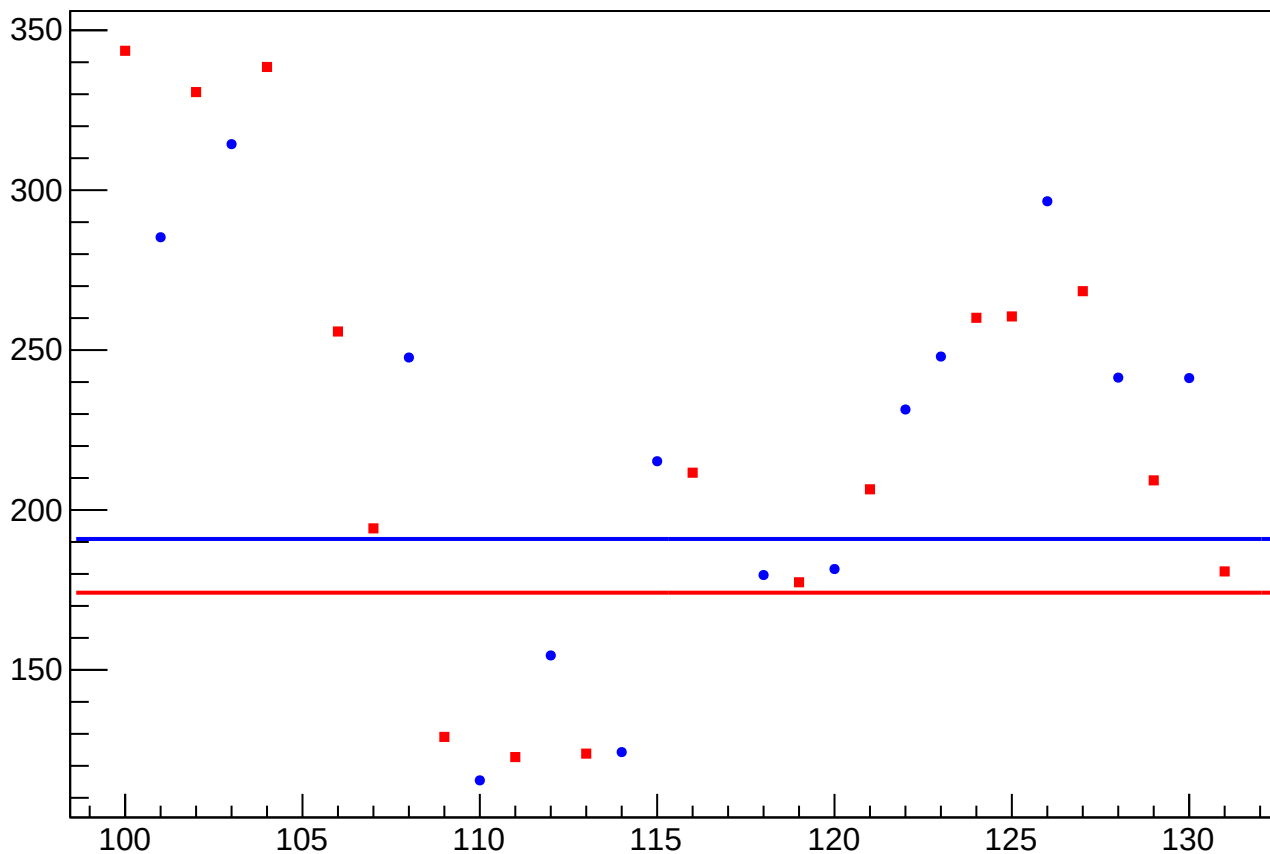
Right: -954.193+/-57.973 χ^2/NDF : 6592.4/29

In: 1966.942+/-88.835 χ^2/NDF :2399.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -954.193+/-57.973 χ^2/NDF : 6592.4/29

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 190.939+/-0.063 χ^2/NDF : 952021.0/13

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

Right Out: 174.136+/-0.054 χ^2/NDF : 1227890.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

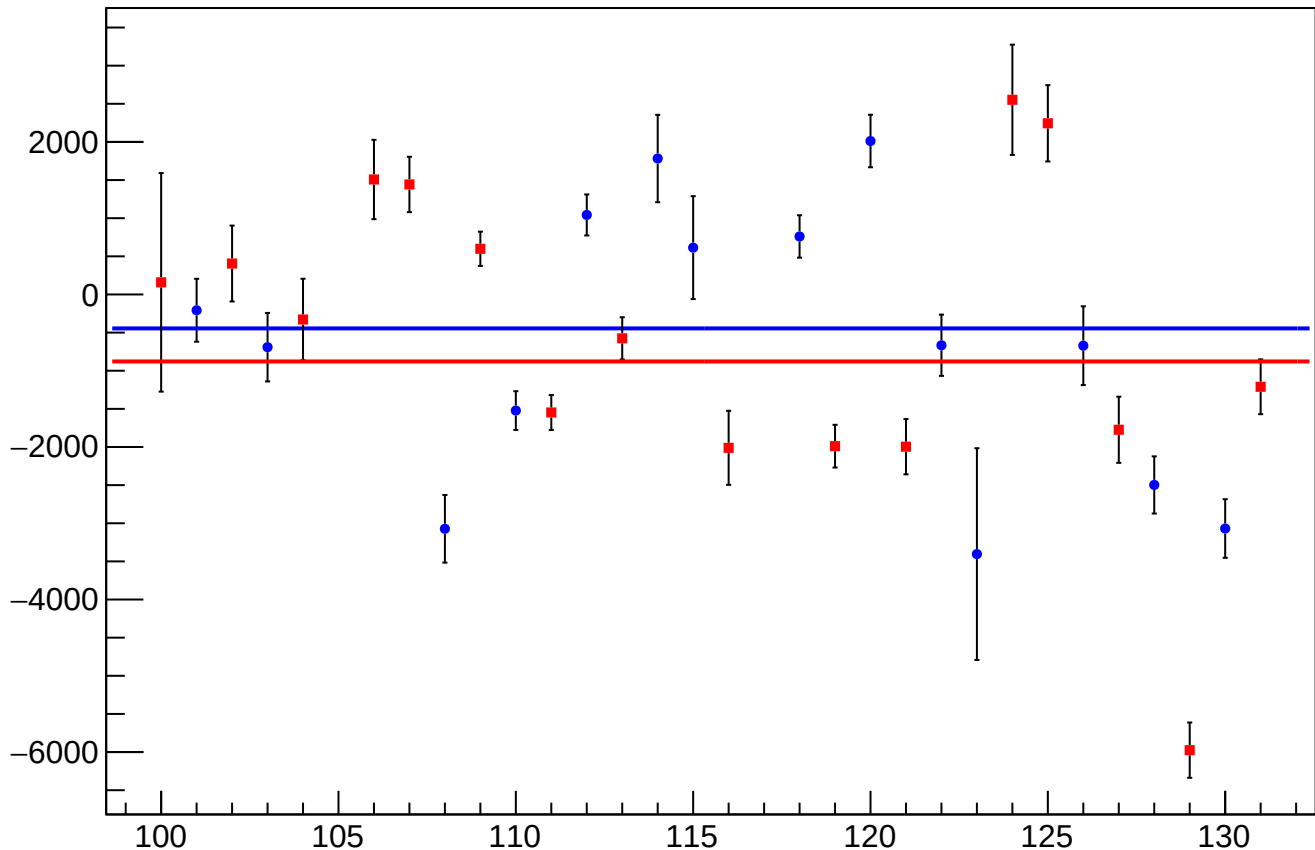
Right: 181.292+/-0.041 χ^2/NDF : 2220988.9/29

In: 190.939+/-0.063 χ^2/NDF : 952021.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.292+/-0.041 χ^2/NDF : 2220988.9/29

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -445.105 ± 101.947 χ^2/NDF : 253.3/13

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

Right Out: -878.553 ± 90.340 χ^2/NDF : 418.3/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

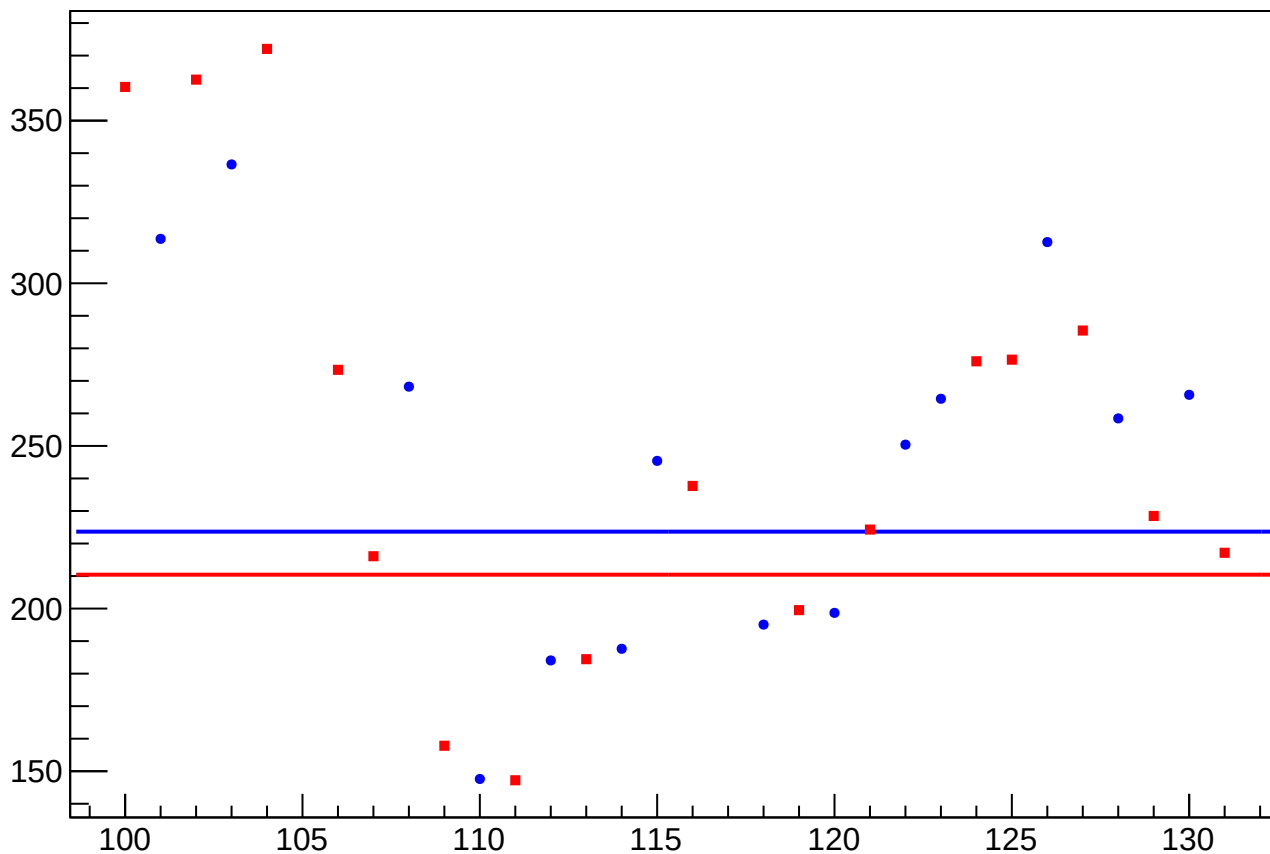
Right: -687.899 ± 67.613 χ^2/NDF : 681.7/29

In: -445.105 ± 101.947 χ^2/NDF : 253.3/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -687.899 ± 67.613 χ^2/NDF : 681.7/29

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 223.648 ± 0.072 χ^2/NDF : 617231.3/13

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

Right Out: 210.418 ± 0.064 χ^2/NDF : 831248.5/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

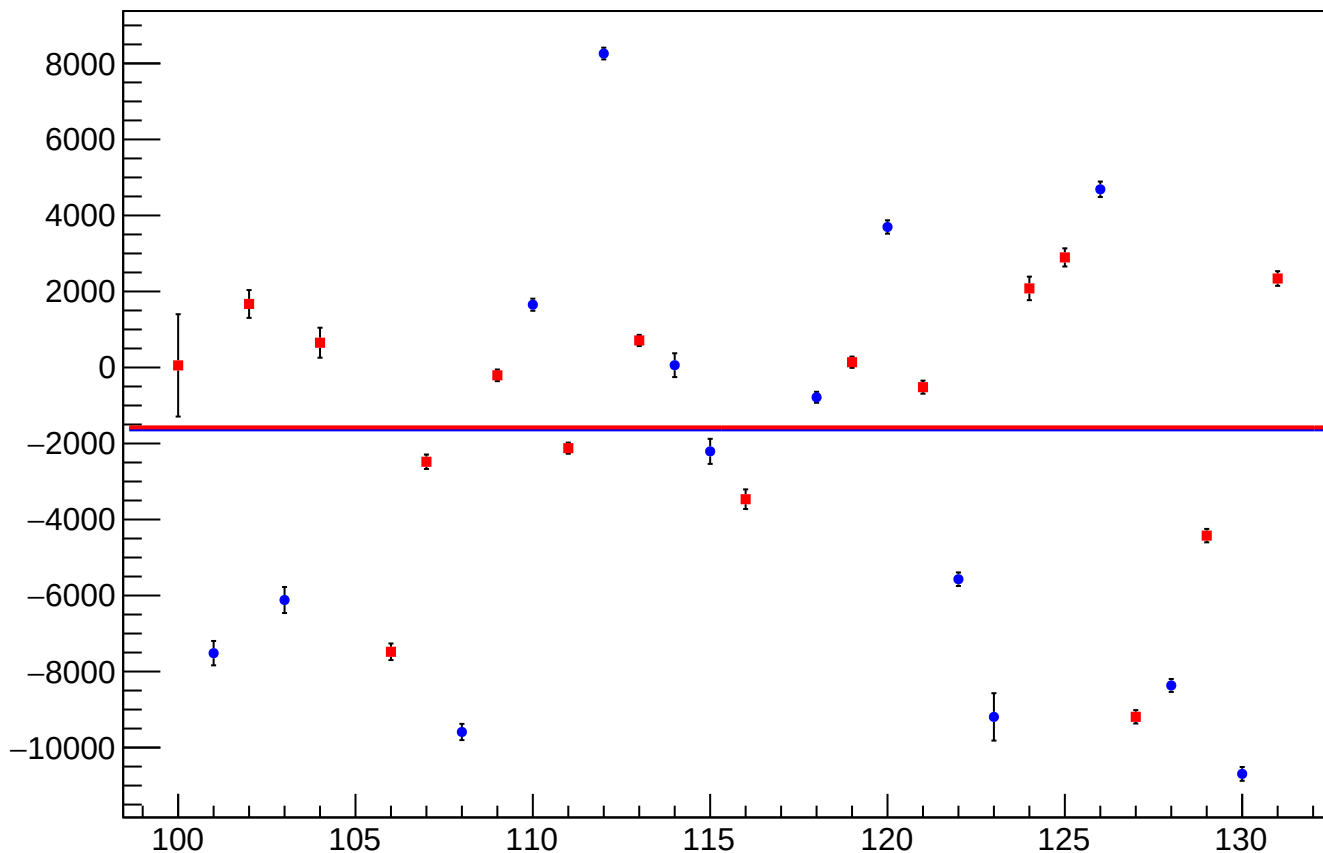
Right: 216.237 ± 0.048 χ^2/NDF : 1467345.6/29

In: 223.648 ± 0.072 χ^2/NDF : 617231.3/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 216.237 ± 0.048 χ^2/NDF : 1467345.6/29

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -1628.288+/-53.955 χ^2/NDF : 13049.6/13

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

Right Out: -1576.106+/-49.246 χ^2/NDF : 4456.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

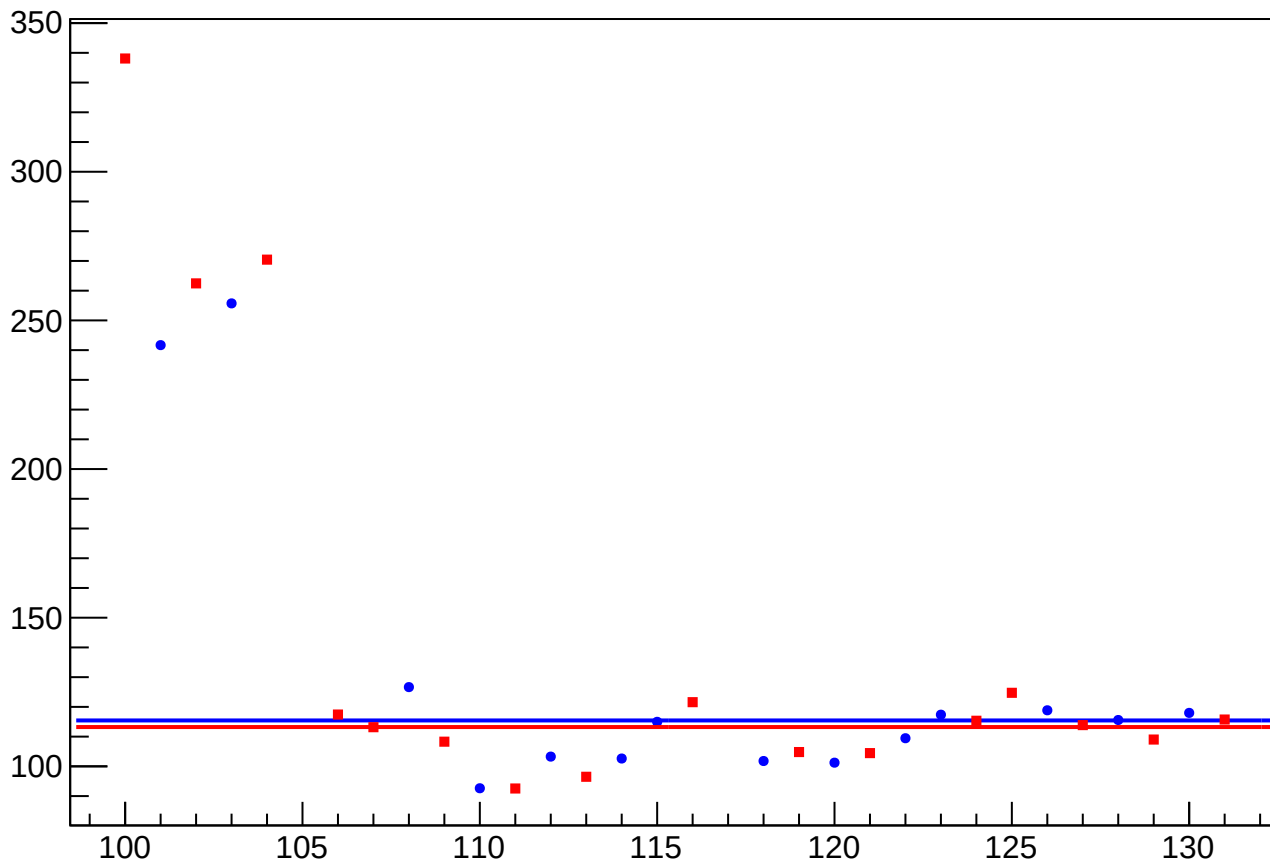
Right: -1599.821+/-36.373 χ^2/NDF : 17507.0/29

In: -1628.288+/-53.955 χ^2/NDF : 13049.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1599.821+/-36.373 χ^2/NDF : 17507.0/29

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 115.440 $\pm$ 0.038 χ^2 /NDF: 741030.5/13

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

Right Out: 113.219 $\pm$ 0.035 χ^2 /NDF: 793593.2/15

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

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

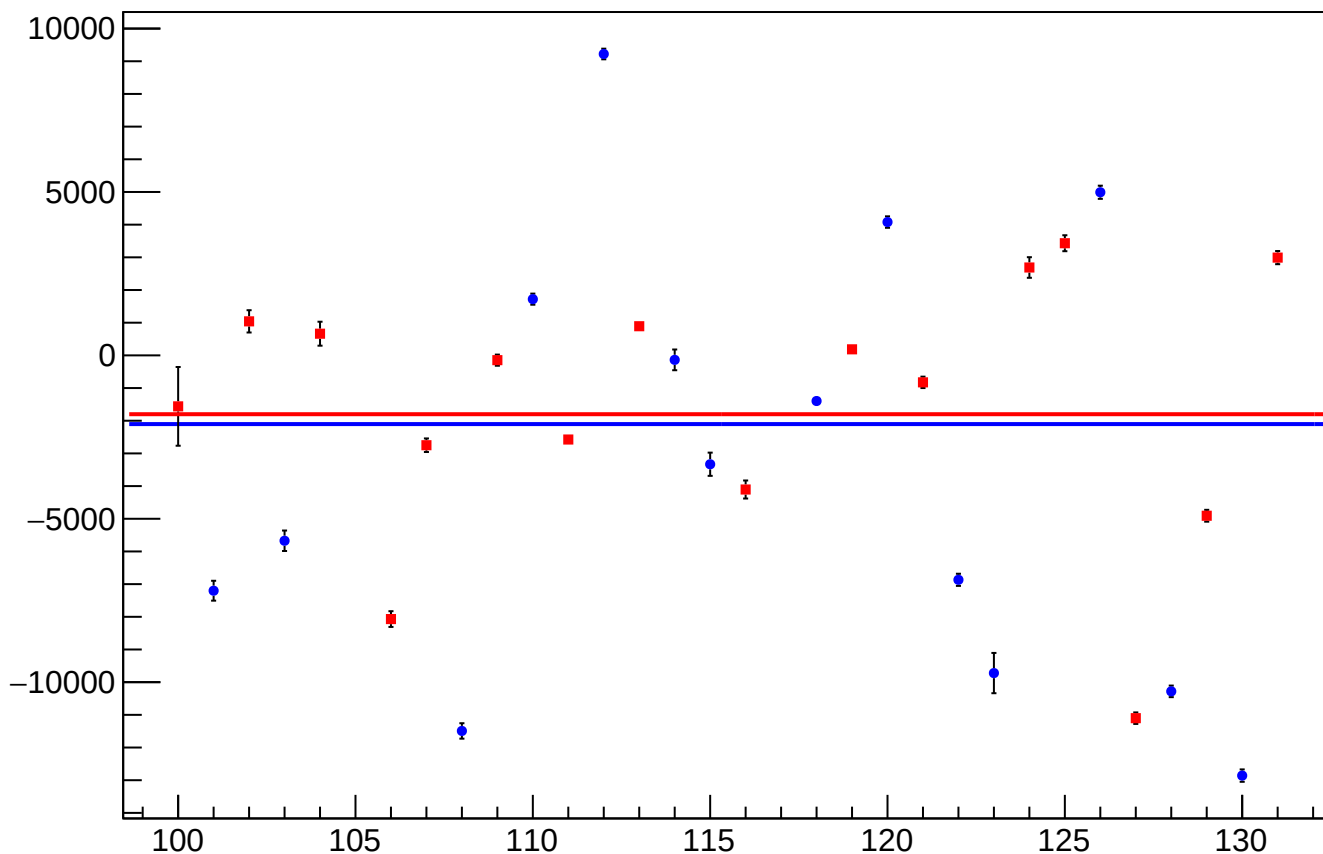
Right: 114.228 $\pm$ 0.026 χ^2 /NDF: 1536471.9/29

In: 115.440 $\pm$ 0.038 χ^2 /NDF:741030.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 114.228 $\pm$ 0.026 χ^2 /NDF: 1536471.9/29

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -2102.650+/-55.654 χ^2/NDF : 16052.8/13

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

Right Out: -1800.265+/-51.170 χ^2/NDF : 5829.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

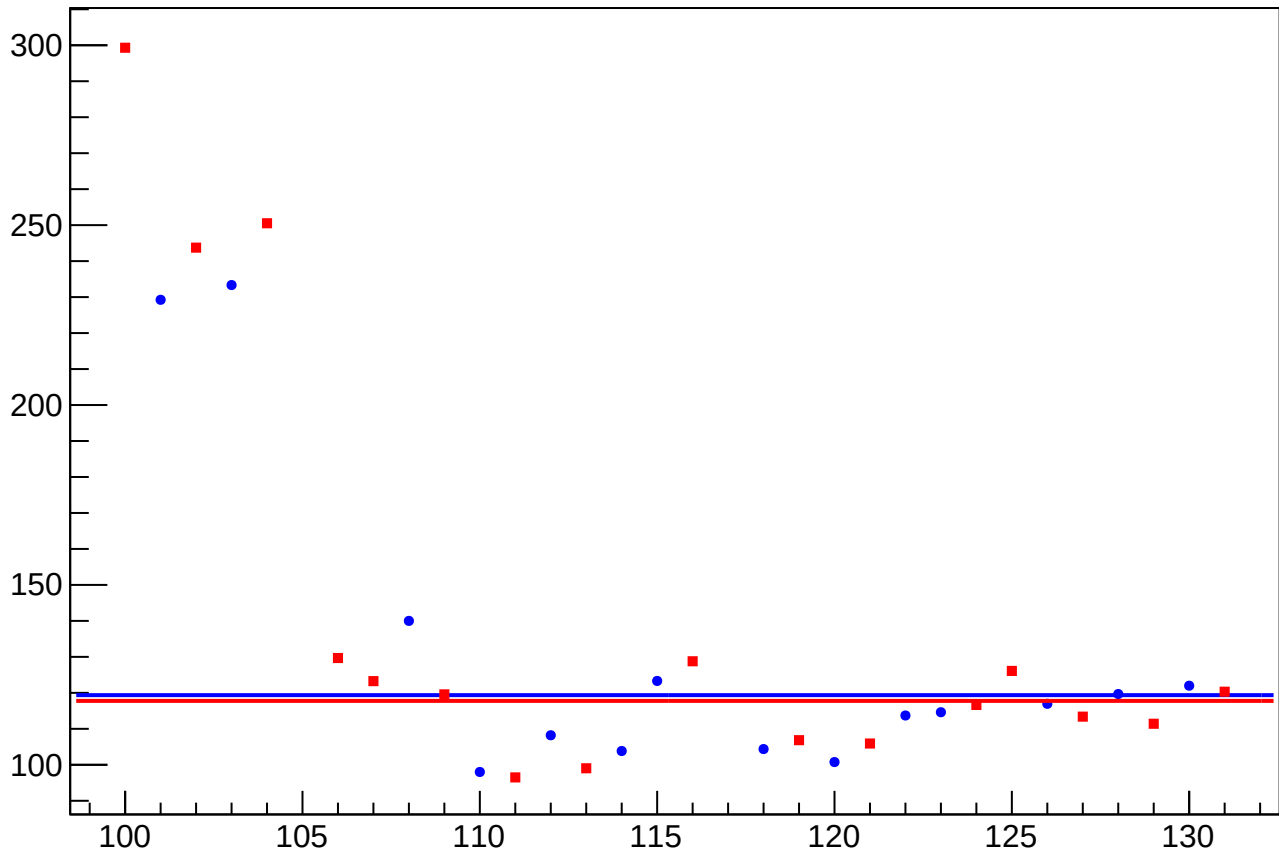
Right: -1938.787+/-37.668 χ^2/NDF : 21897.8/29

In: -2102.650+/-55.654 χ^2/NDF : 16052.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1938.787+/-37.668 χ^2/NDF : 21897.8/29

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 119.361 $\pm$ 0.039 χ^2 /NDF: 632701.5/13

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

Right Out: 117.769 $\pm$ 0.036 χ^2 /NDF: 685792.0/15

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

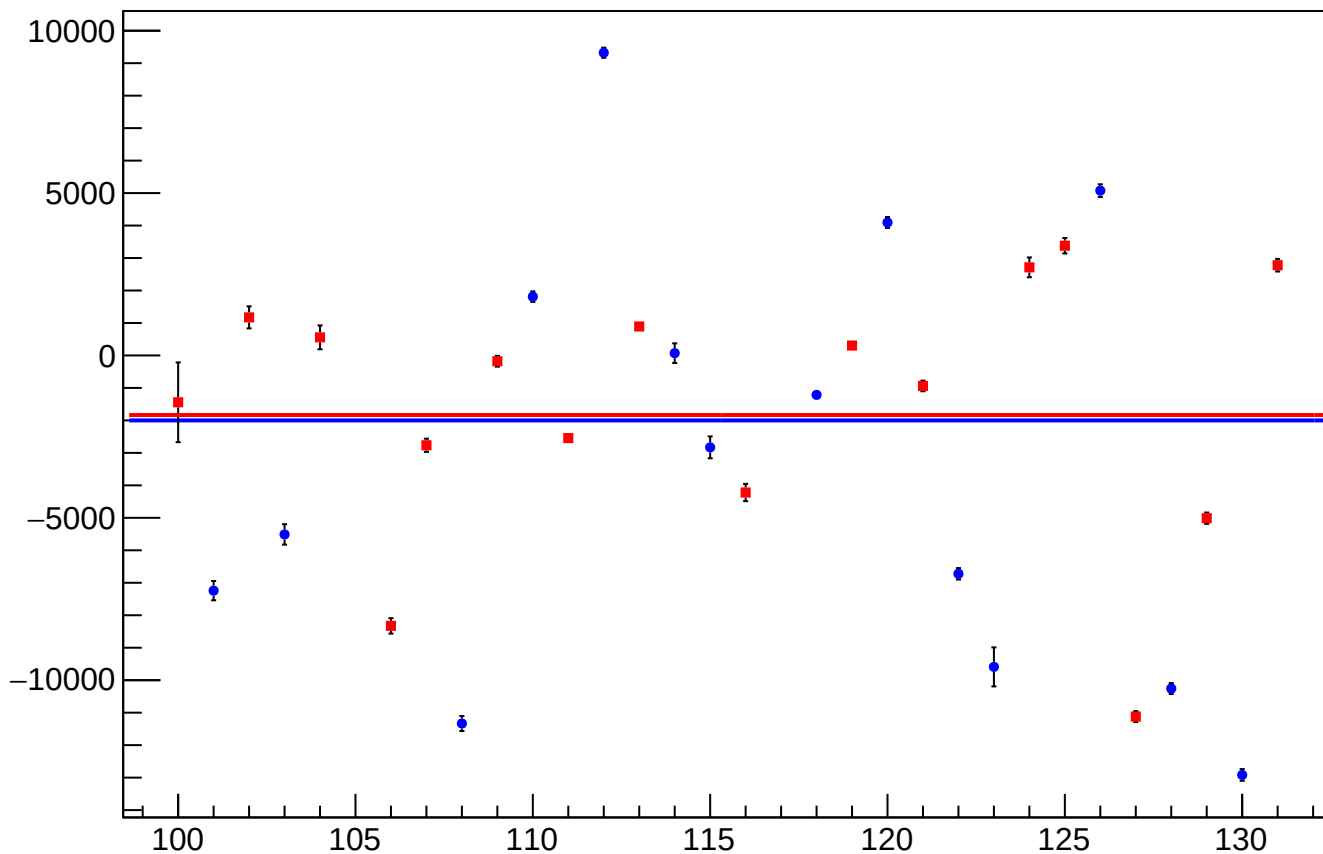
Right: 118.498 $\pm$ 0.027 χ^2 /NDF: 1319380.7/29

In: 119.361 $\pm$ 0.039 χ^2 /NDF:632701.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 118.498 $\pm$ 0.027 χ^2 /NDF: 1319380.7/29

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: -2000.502+/-53.350 χ^2/NDF : 17548.5/13

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

Right Out: -1834.438+/-49.062 χ^2/NDF : 6329.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

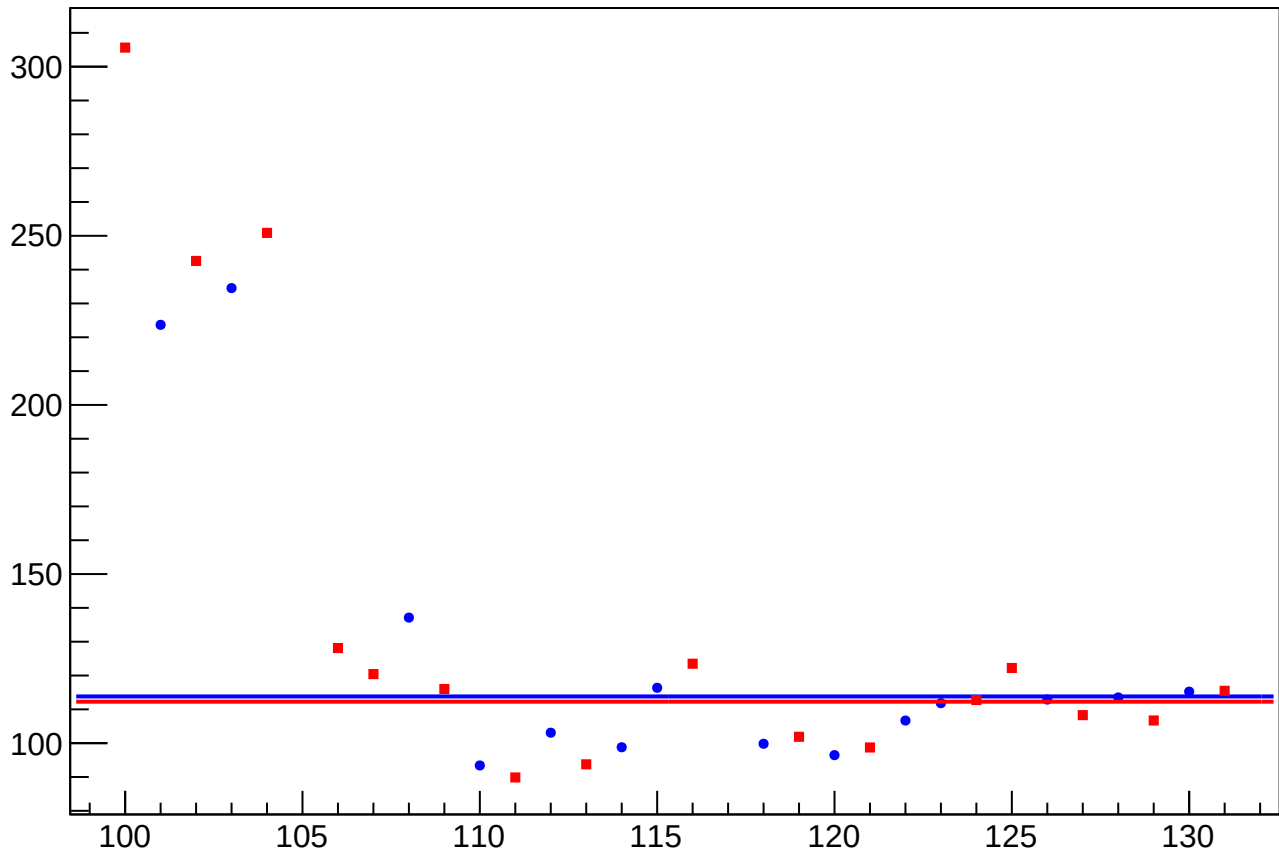
Right: -1910.530+/-36.113 χ^2/NDF : 23883.0/29

In: -2000.502+/-53.350 χ^2/NDF :17548.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1910.530+/-36.113 χ^2/NDF : 23883.0/29

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 113.820 $\pm$ 0.038 χ^2 /NDF: 678149.5/13

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

Right Out: 112.269 $\pm$ 0.035 χ^2 /NDF: 759632.3/15

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

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

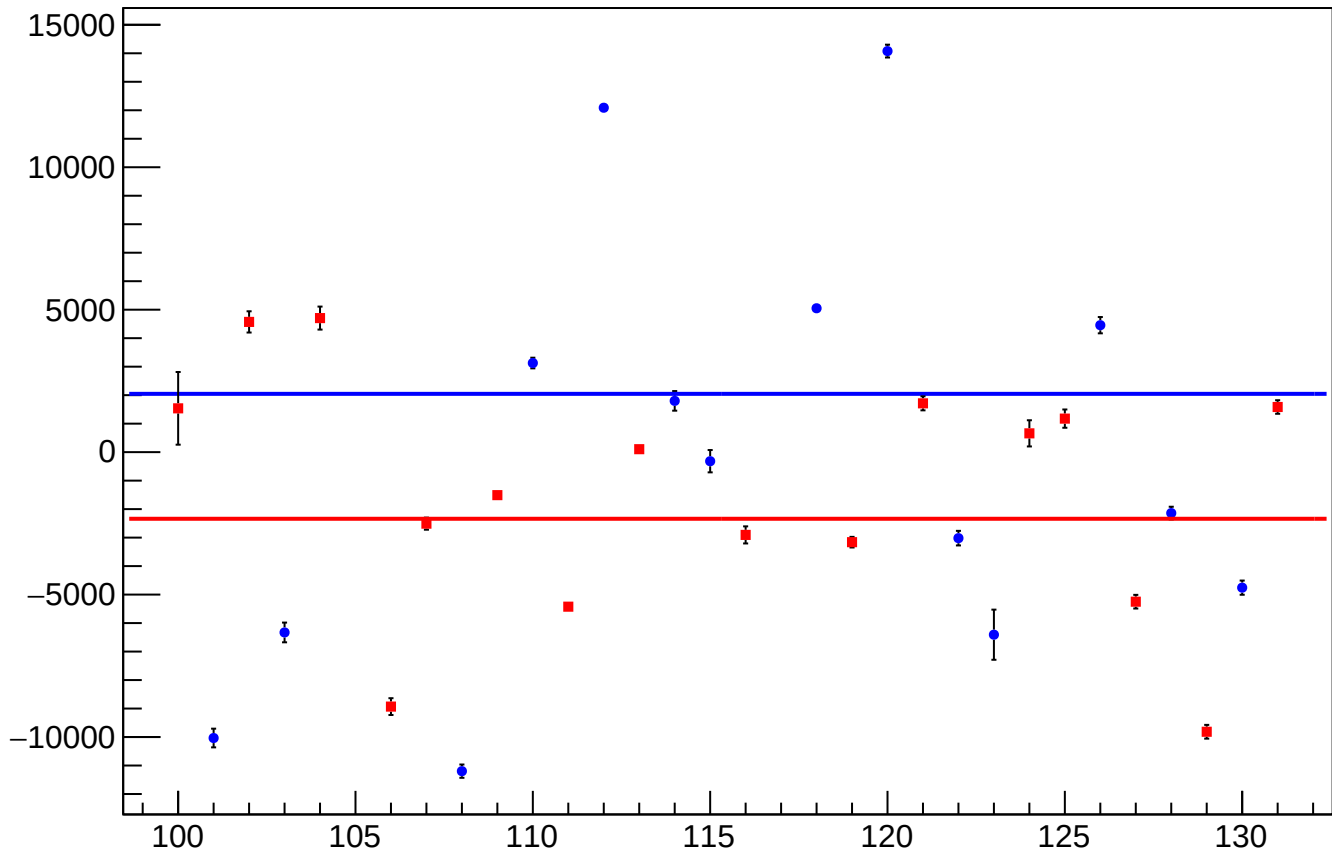
Right: 112.980 $\pm$ 0.026 χ^2 /NDF: 1438696.8/29

In: 113.820 $\pm$ 0.038 χ^2 /NDF:678149.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 112.980 $\pm$ 0.026 χ^2 /NDF: 1438696.8/29

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 2046.196+/-65.959 χ^2/NDF : 13328.9/13

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

Right Out: -2338.839+/-60.434 χ^2/NDF : 3557.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

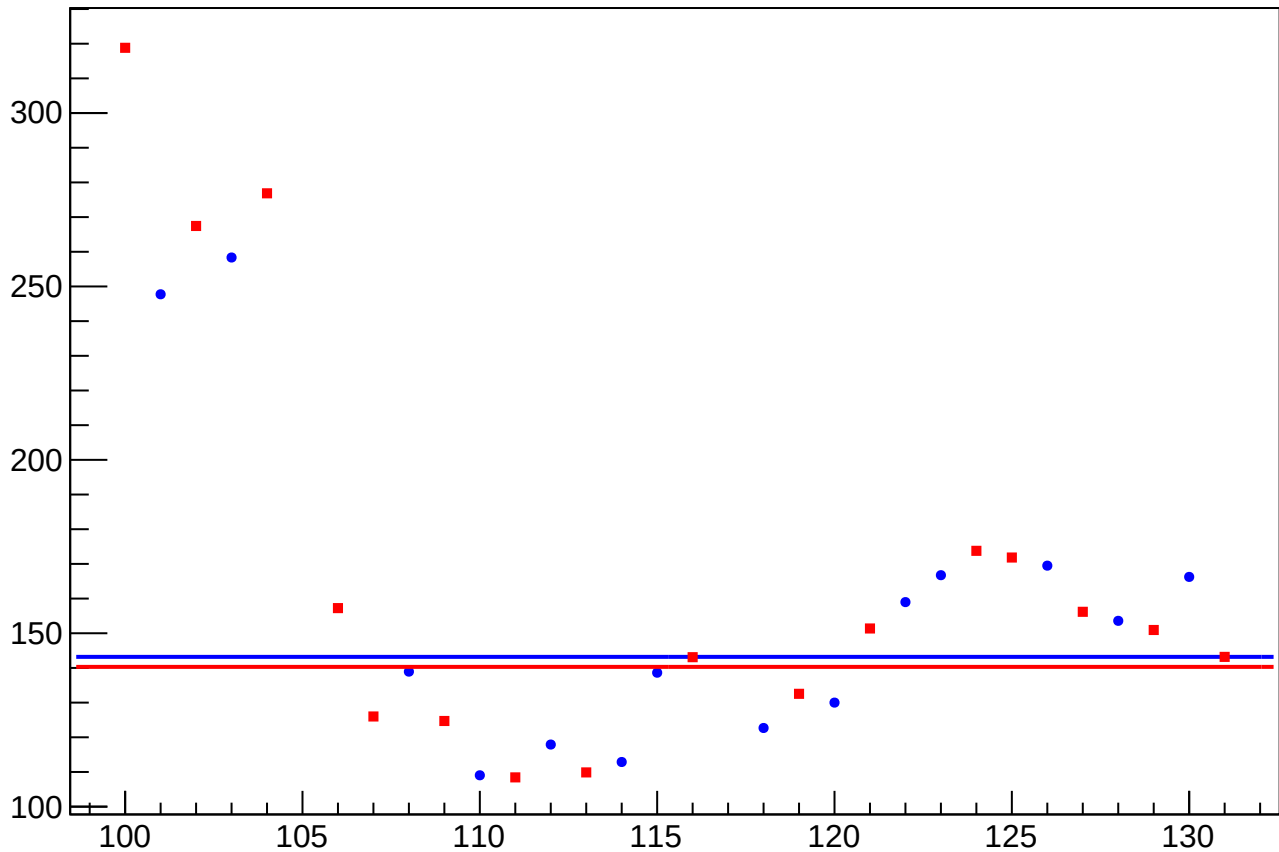
Right: -337.628+/-44.559 χ^2/NDF : 19289.5/29

In: 2046.196+/-65.959 χ^2/NDF : 13328.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -337.628+/-44.559 χ^2/NDF : 19289.5/29

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 143.192+/-0.047 χ^2/NDF : 630769.9/13

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

Right Out: 140.305+/-0.043 χ^2/NDF : 719714.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

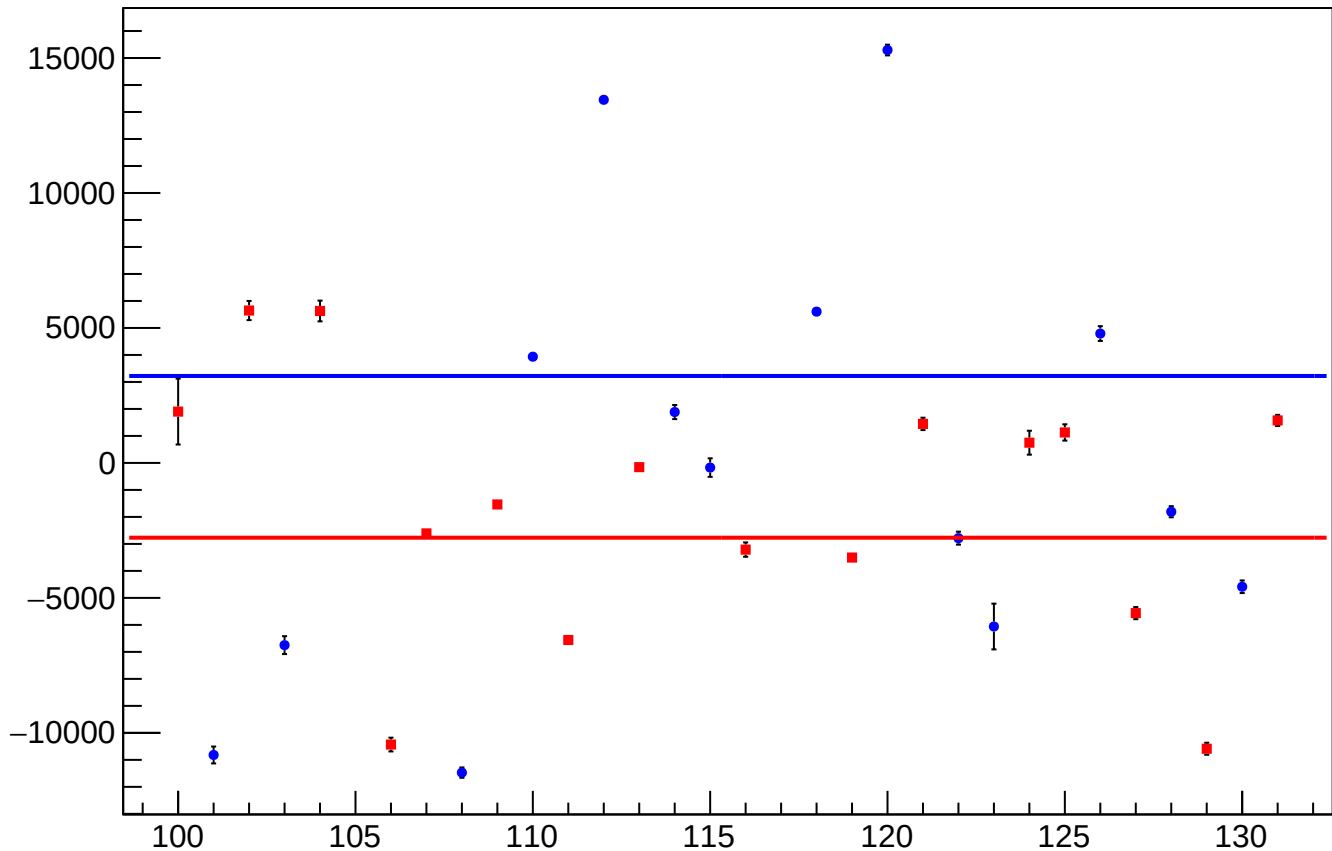
Right: 141.622+/-0.032 χ^2/NDF : 1352567.8/29

In: 143.192+/-0.047 χ^2/NDF : 630769.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.622+/-0.032 χ^2/NDF : 1352567.8/29

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 3221.372+/-55.387 χ^2/NDF : 21319.9/13

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

Right Out: -2769.946+/-49.929 χ^2/NDF : 5862.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

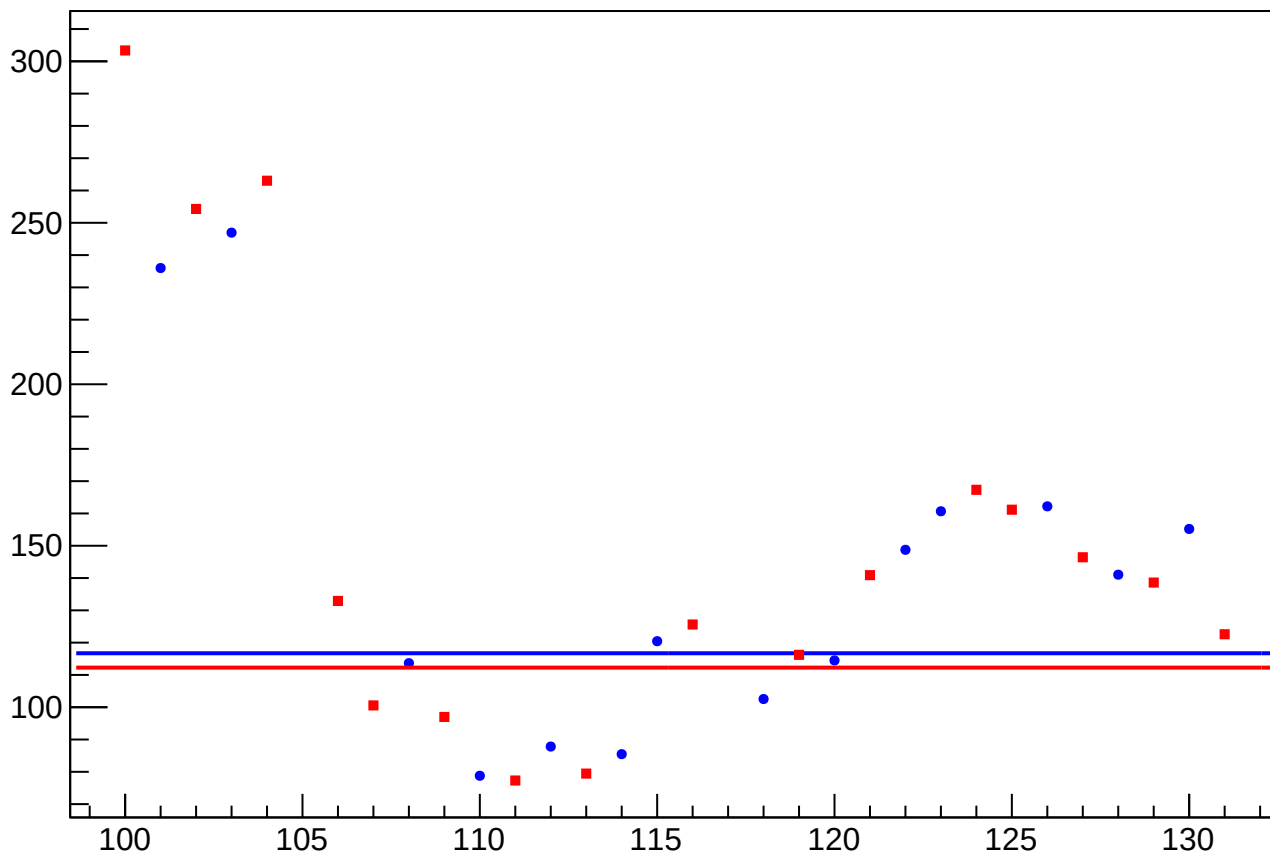
Right: -83.963+/-37.085 χ^2/NDF : 33637.9/29

In: 3221.372+/-55.387 χ^2/NDF :21319.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -83.963+/-37.085 χ^2/NDF : 33637.9/29

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 116.710+/-0.039 χ^2/NDF : 1074164.2/13

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

Right Out: 112.263+/-0.035 χ^2/NDF : 1230097.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

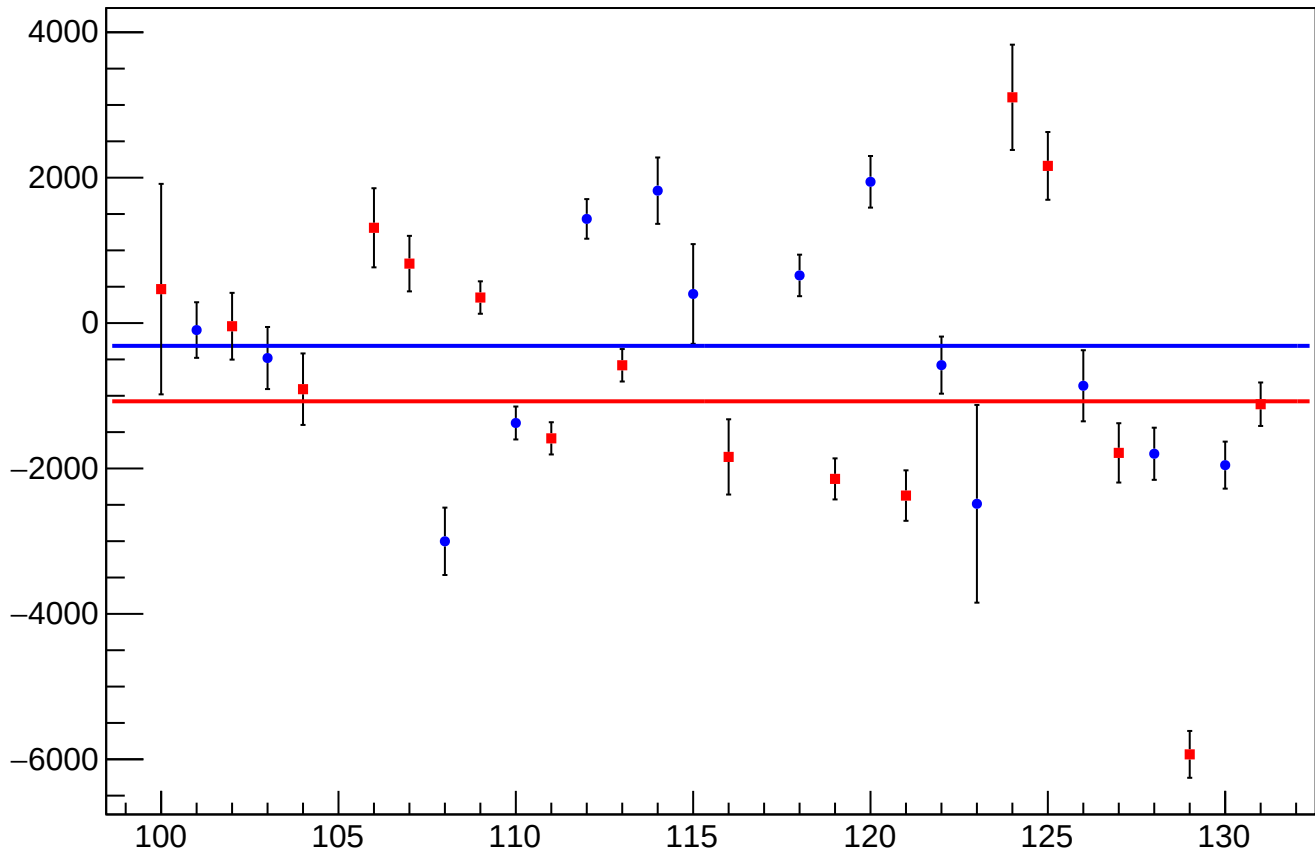
Right: 114.257+/-0.026 χ^2/NDF : 2311375.7/29

In: 116.710+/-0.039 χ^2/NDF : 1074164.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.257+/-0.026 χ^2/NDF : 2311375.7/29

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -313.364+/-97.302 χ^2/NDF : 219.2/13

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

Right Out: -1076.101+/-85.130 χ^2/NDF : 443.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

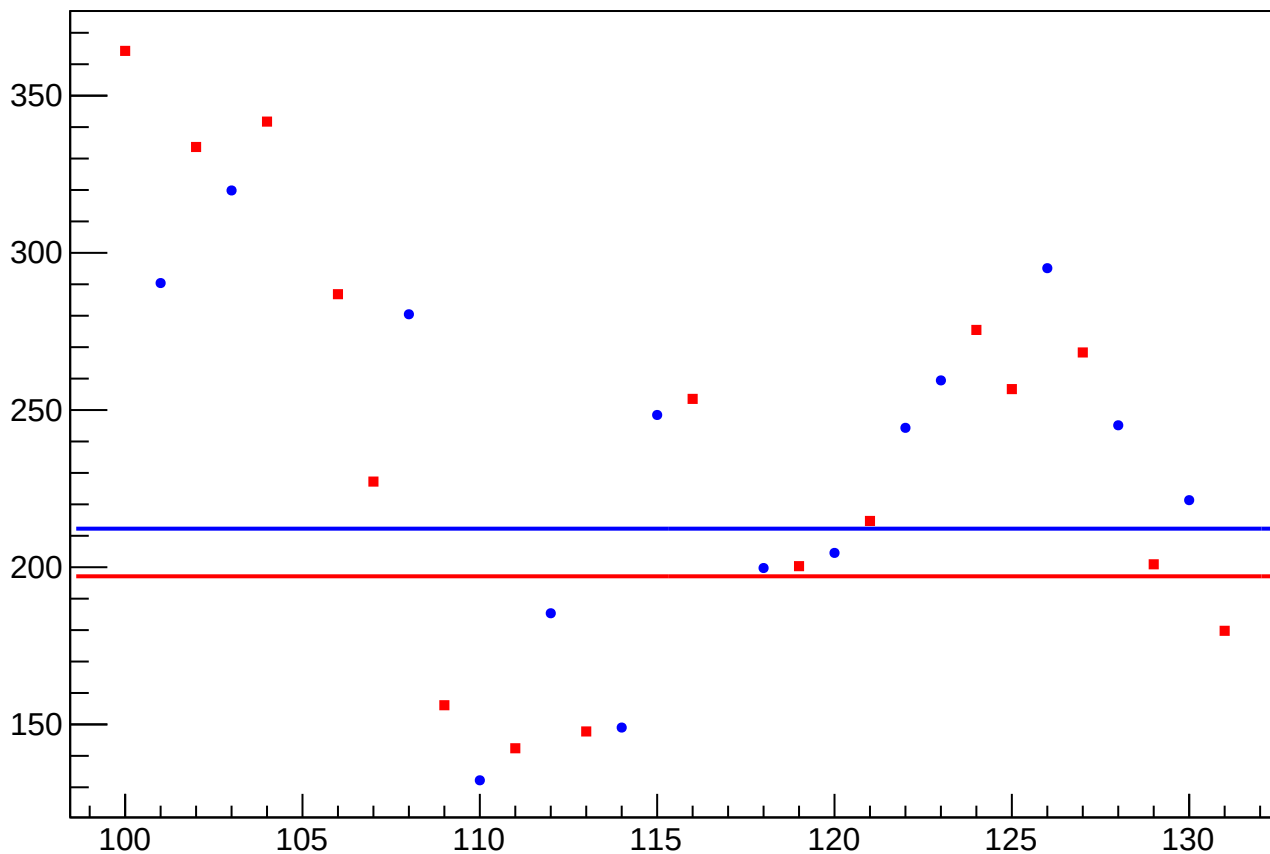
Right: -745.398+/-64.070 χ^2/NDF : 697.5/29

In: -313.364+/-97.302 χ^2/NDF : 219.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -745.398+/-64.070 χ^2/NDF : 697.5/29

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 212.267+/-0.069 χ^2/NDF : 663475.1/13

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

Right Out: 197.114+/-0.060 χ^2/NDF : 883700.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

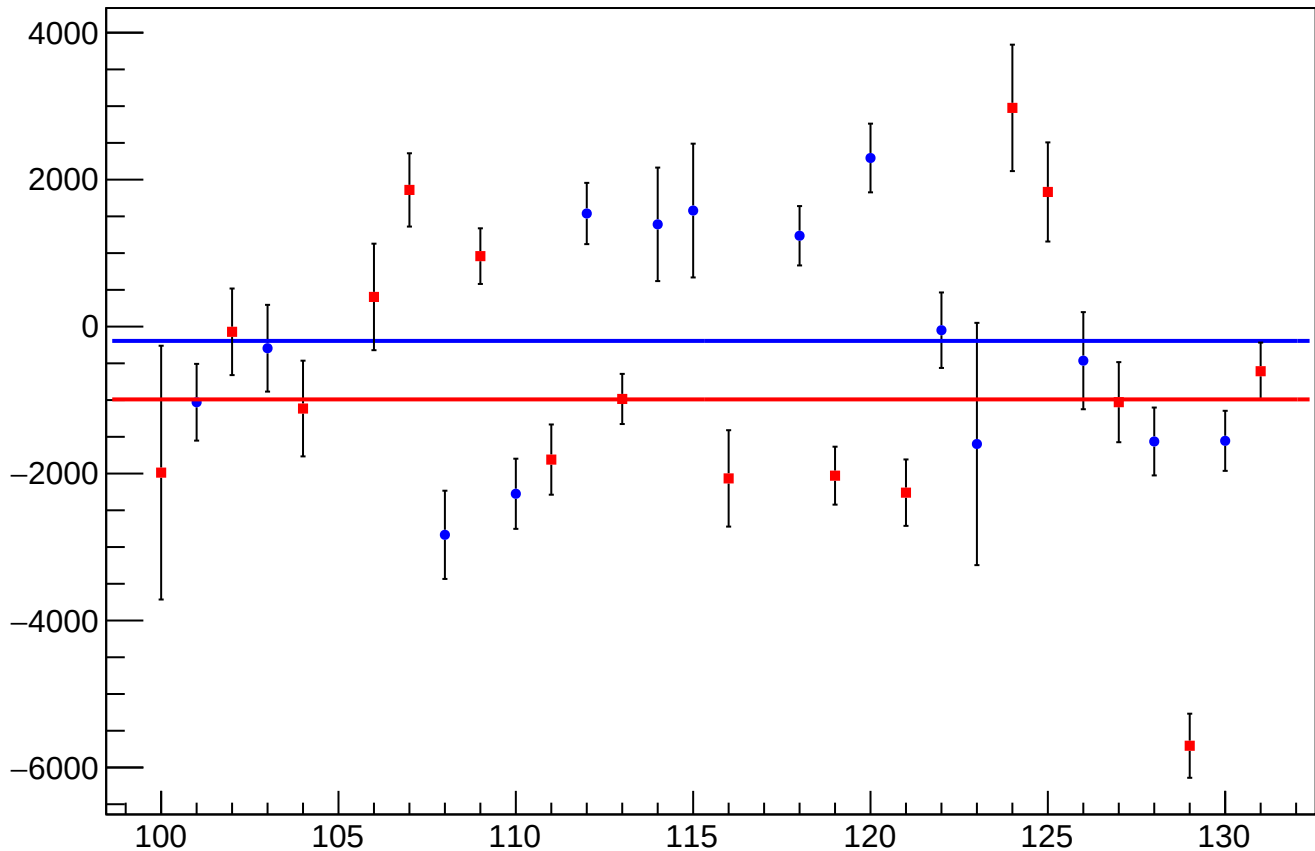
Right: 203.684+/-0.045 χ^2/NDF : 1574649.5/29

In: 212.267+/-0.069 χ^2/NDF : 663475.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.684+/-0.045 χ^2/NDF : 1574649.5/29

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: -194.749+/-141.182 χ^2/NDF : 127.9/13

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

Right Out: -990.804+/-125.144 χ^2/NDF : 242.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

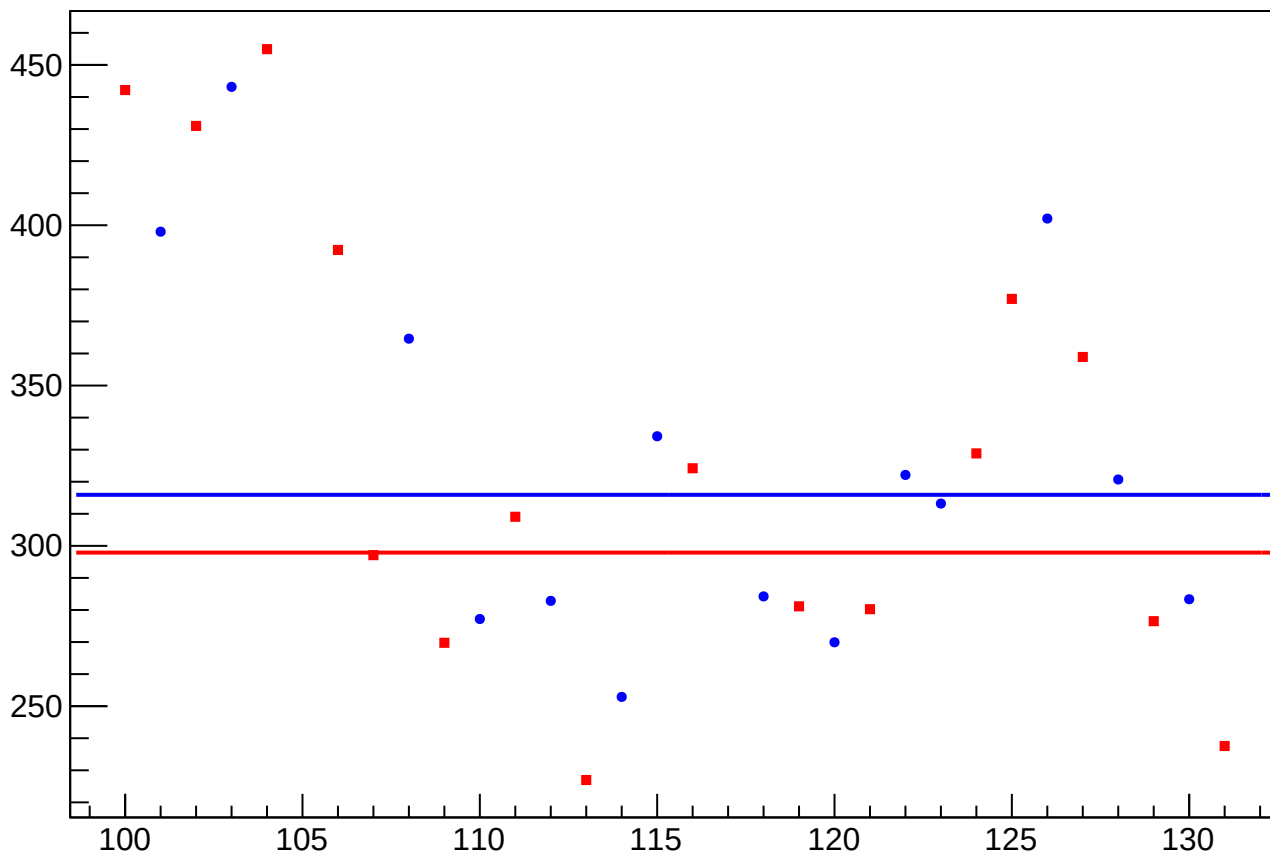
Right: -640.541+/-93.649 χ^2/NDF : 388.4/29

In: -194.749+/-141.182 χ^2/NDF : 127.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -640.541+/-93.649 χ^2/NDF : 388.4/29

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 315.920+/-0.100 χ^2/NDF : 274270.4/13

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

Right Out: 297.897+/-0.088 χ^2/NDF : 482576.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

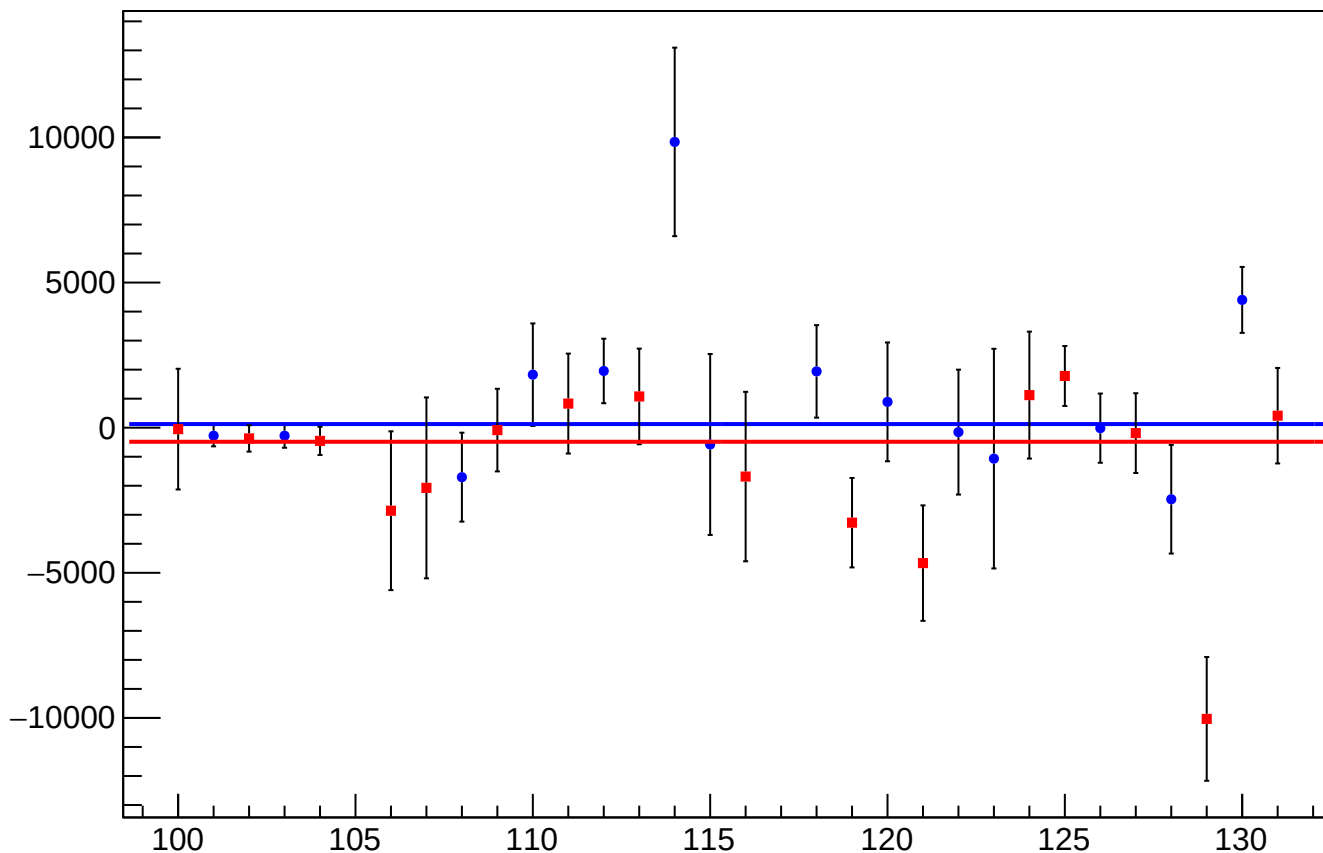
Right: 305.827+/-0.066 χ^2/NDF : 775099.3/29

In: 315.920+/-0.100 χ^2/NDF : 274270.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 305.827+/-0.066 χ^2/NDF : 775099.3/29

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: 124.569+/-237.545 χ^2/NDF : 33.9/13

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

Right Out: -484.423+/-269.488 χ^2/NDF : 36.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

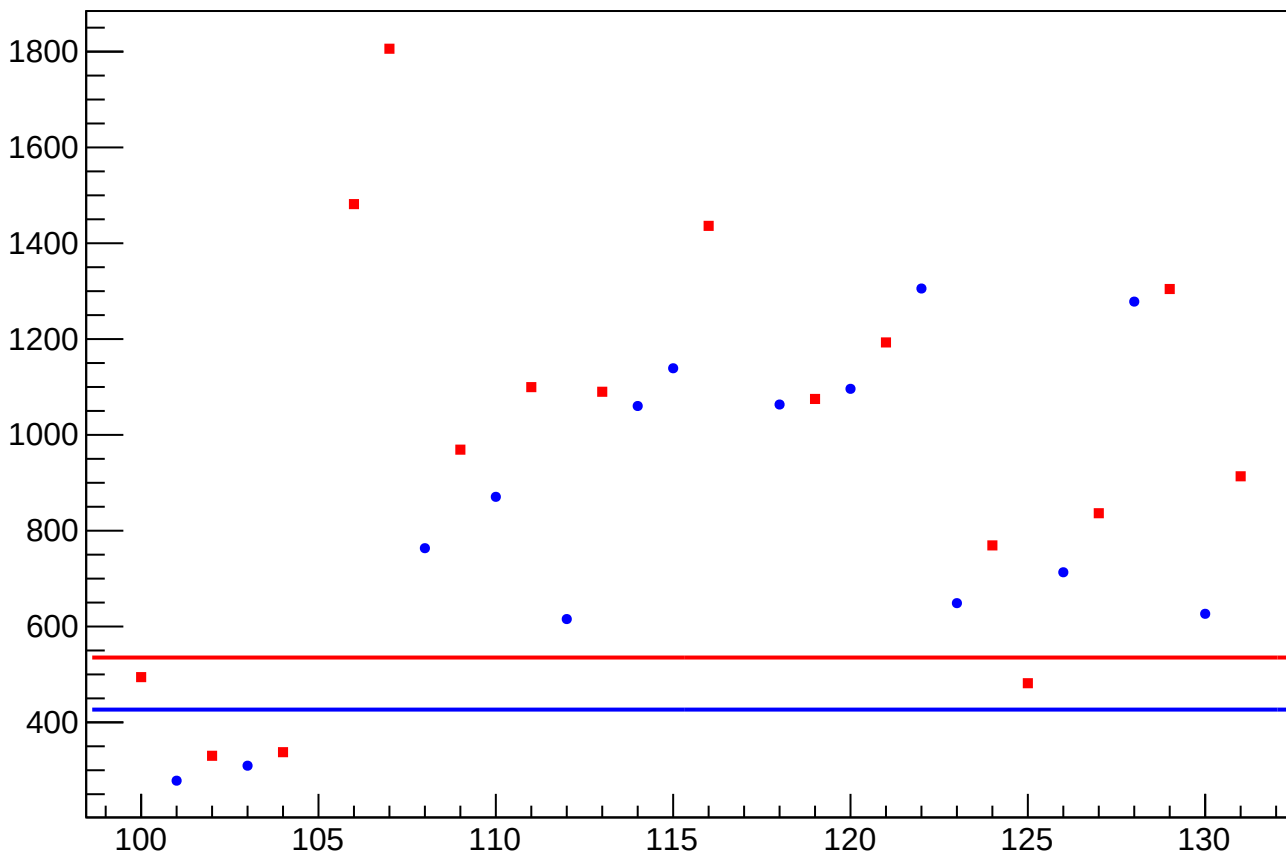
Right: -141.712+/-178.199 χ^2/NDF : 73.0/29

In: 124.569+/-237.545 χ^2/NDF : 33.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -141.712+/-178.199 χ^2/NDF : 73.0/29

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 426.601+/-0.168 χ^2/NDF : 2415101.6/13

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

Right Out: 535.278+/-0.191 χ^2/NDF : 3080552.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

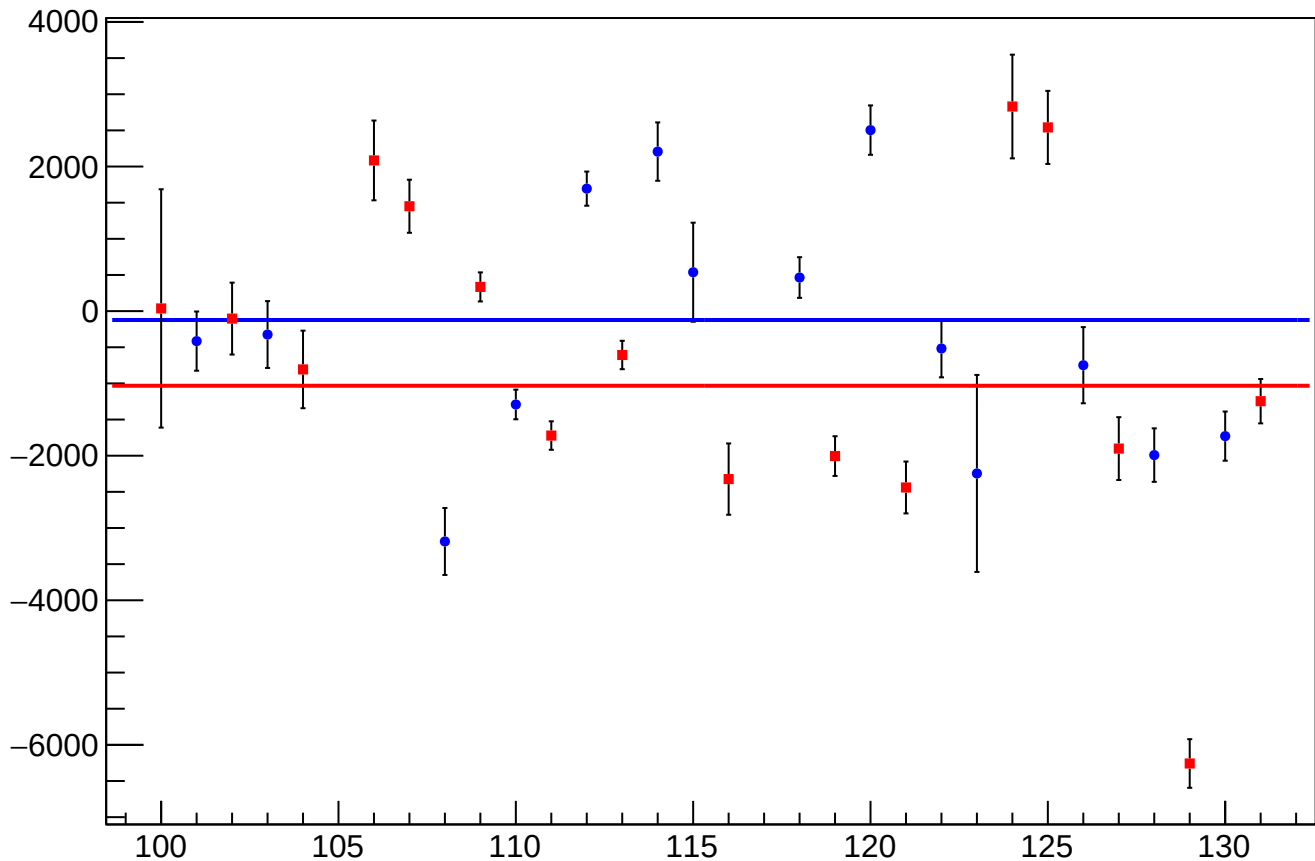
Right: 474.120+/-0.126 χ^2/NDF : 5678691.8/29

In: 426.601+/-0.168 χ^2/NDF : 2415101.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 474.120+/-0.126 χ^2/NDF : 5678691.8/29

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: -122.907+/-94.129 χ^2/NDF : 286.4/13

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

Right Out: -1032.413+/-81.434 χ^2/NDF : 504.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

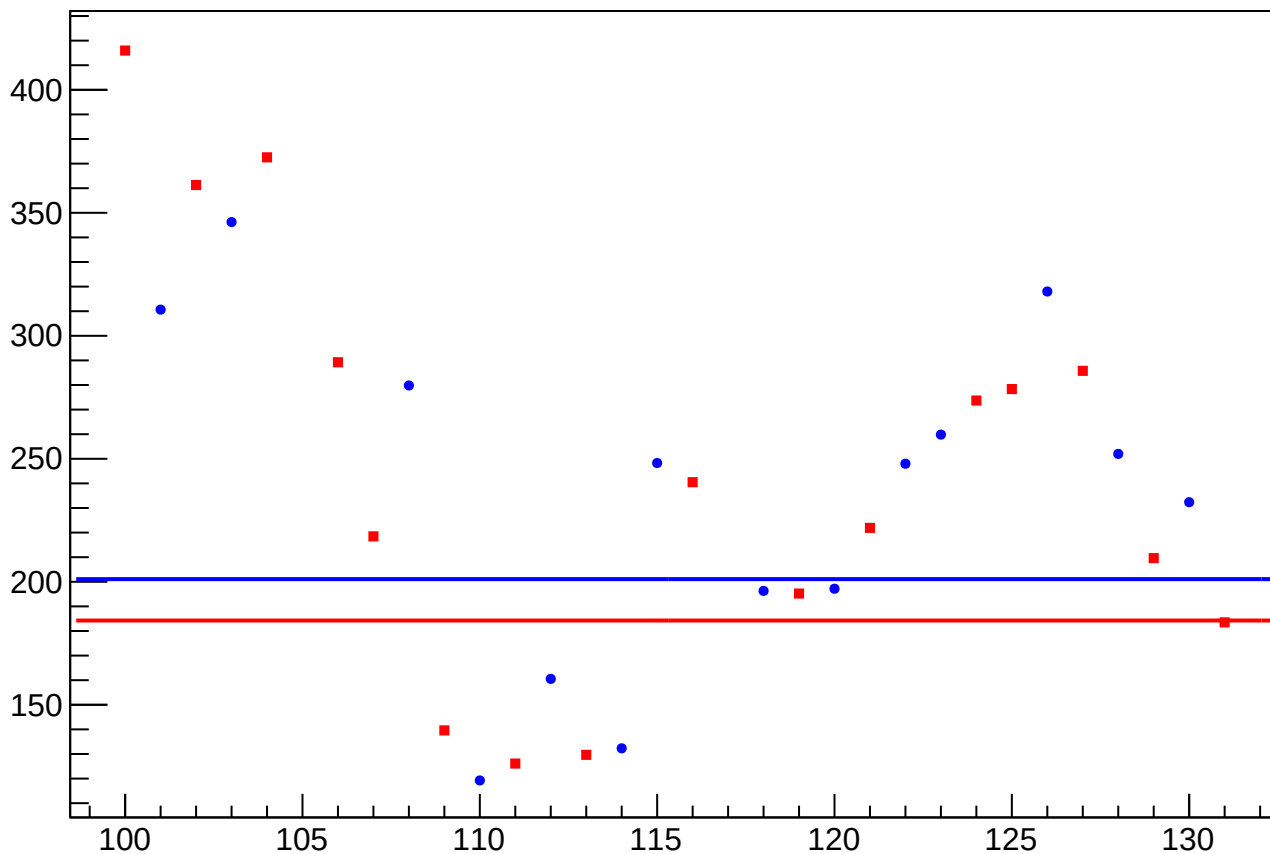
Right: -643.086+/-61.585 χ^2/NDF : 844.4/29

In: -122.907+/-94.129 χ^2/NDF : 286.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -643.086+/-61.585 χ^2/NDF : 844.4/29

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 201.082+/-0.067 χ^2/NDF : 1028944.5/13

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

Right Out: 184.258+/-0.058 χ^2/NDF : 1329017.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

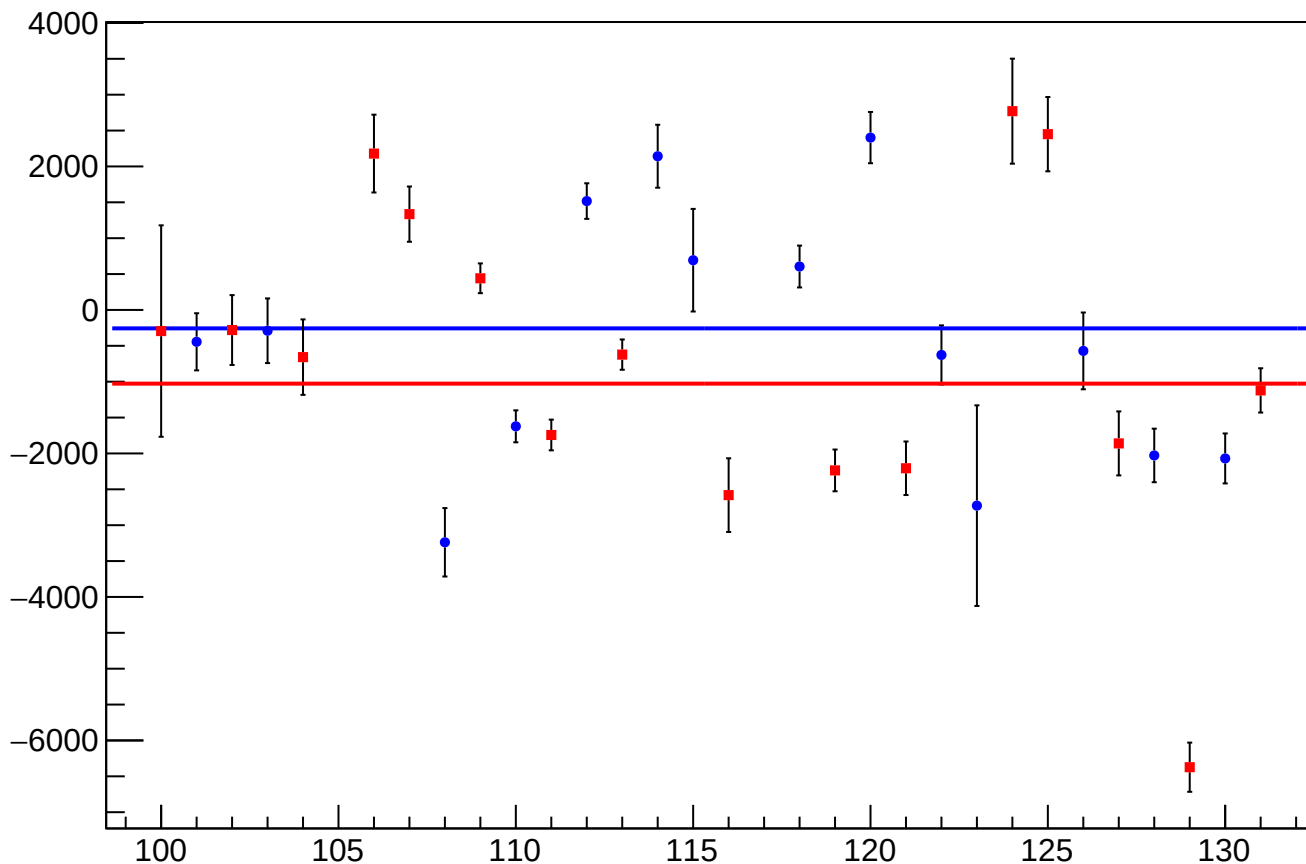
Right: 191.460+/-0.044 χ^2/NDF : 2394501.9/29

In: 201.082+/-0.067 χ^2/NDF :1028944.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 191.460+/-0.044 χ^2/NDF : 2394501.9/29

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: -256.932+/-98.000 χ^2/NDF : 277.8/13

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

Right Out: -1027.317+/-85.008 χ^2/NDF : 496.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

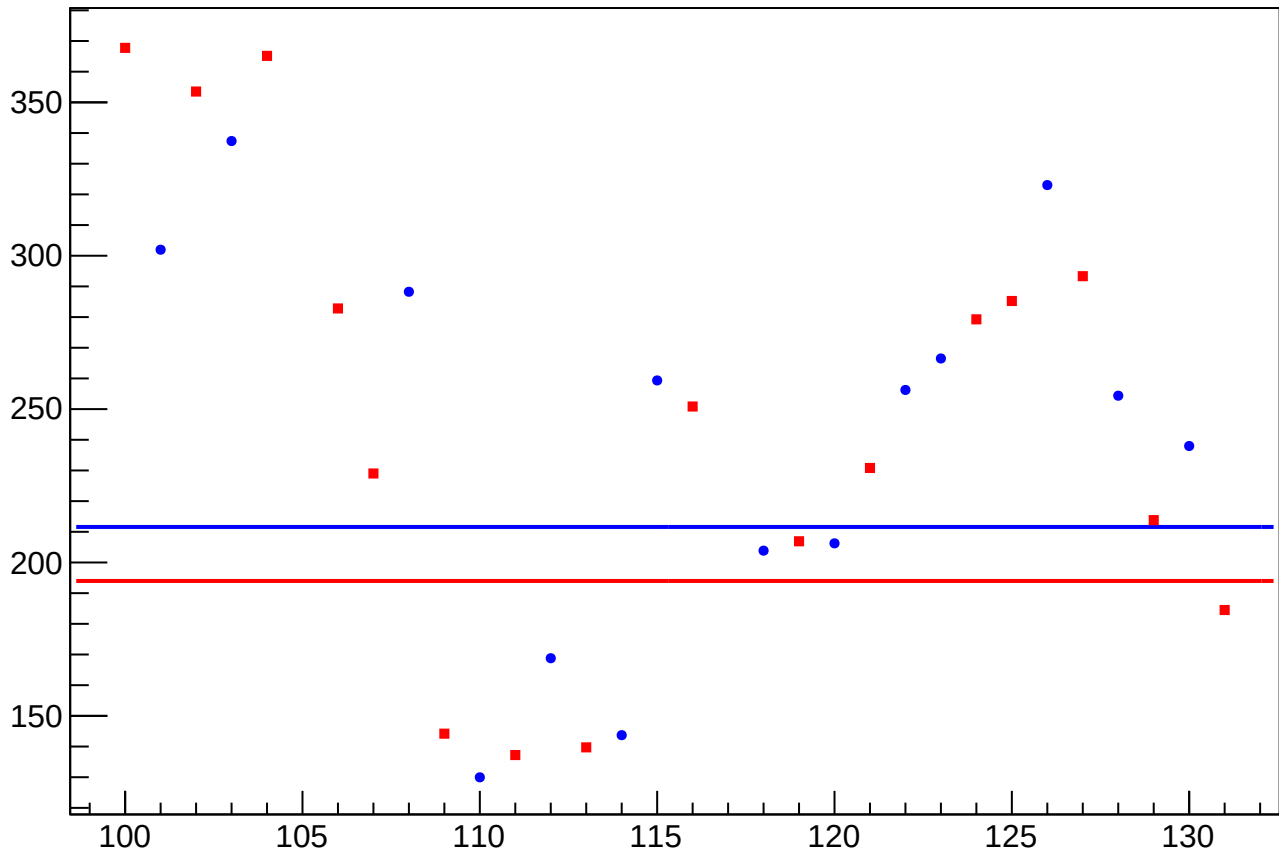
Right: -696.543+/-64.215 χ^2/NDF : 809.0/29

In: -256.932+/-98.000 χ^2/NDF : 277.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -696.543+/-64.215 χ^2/NDF : 809.0/29

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 211.585+/-0.069 χ^2/NDF : 848425.2/13

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

Right Out: 193.979+/-0.060 χ^2/NDF : 1157879.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

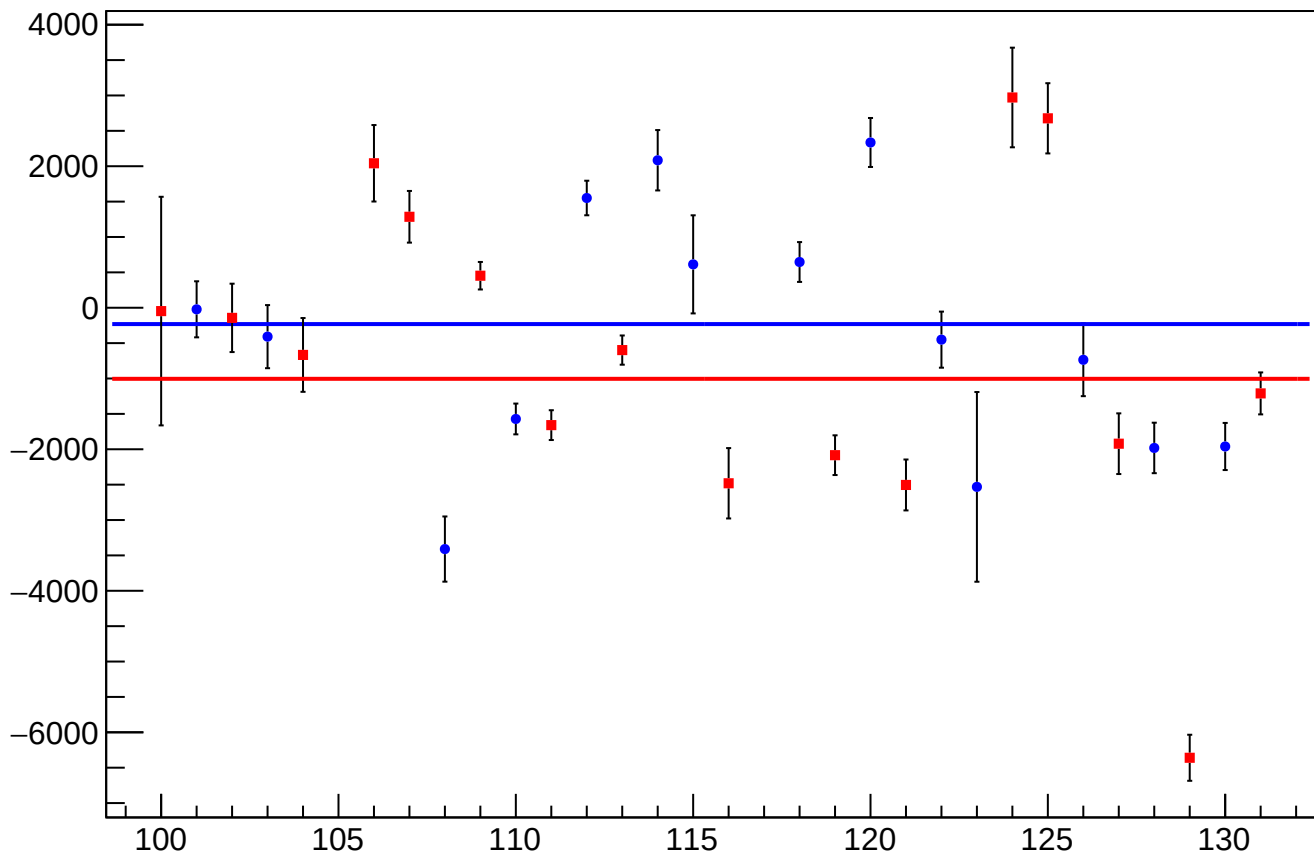
Right: 201.539+/-0.045 χ^2/NDF : 2043139.5/29

In: 211.585+/-0.069 χ^2/NDF :848425.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 201.539+/-0.045 χ^2/NDF : 2043139.5/29

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: -230.881+/-95.278 χ^2/NDF : 290.2/13

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

Right Out: -1004.397+/-82.054 χ^2/NDF : 548.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

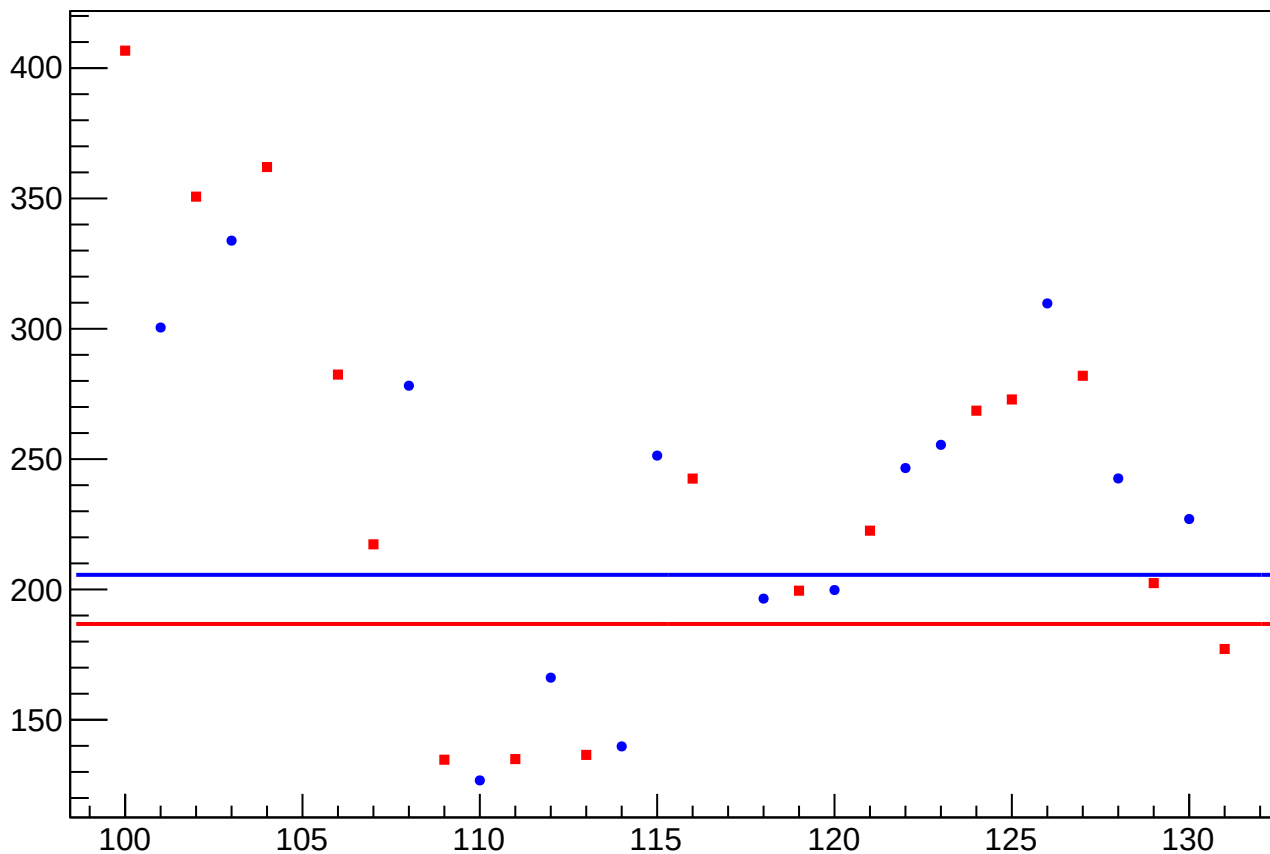
Right: -675.003+/-62.175 χ^2/NDF : 876.6/29

In: -230.881+/-95.278 χ^2/NDF : 290.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -675.003+/-62.175 χ^2/NDF : 876.6/29

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 205.608 ± 0.067 χ^2/NDF : 839782.4/13

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

Right Out: 186.761 ± 0.058 χ^2/NDF : 1194744.3/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

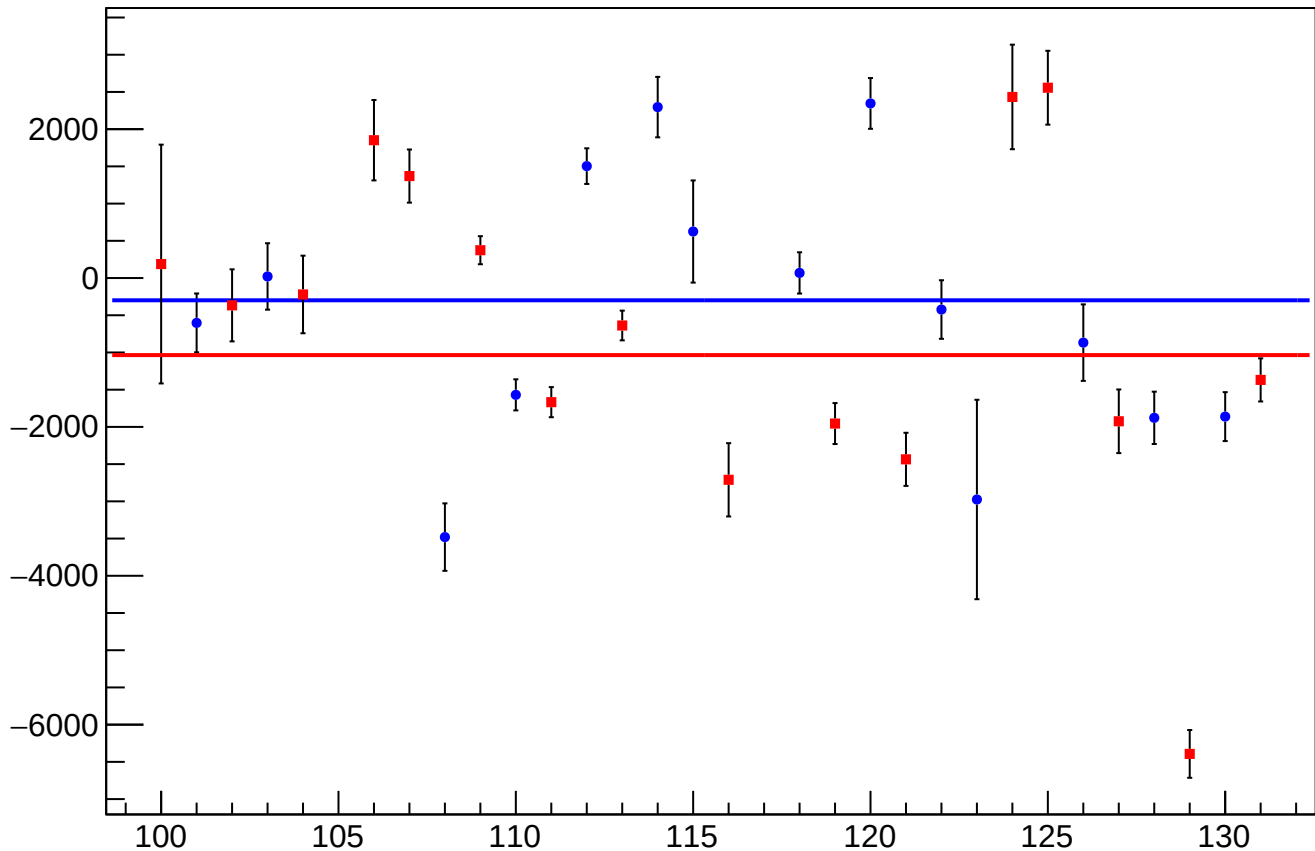
Right: 194.787 ± 0.044 χ^2/NDF : 2079458.6/29

In: 205.608 ± 0.067 χ^2/NDF : 839782.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 194.787 ± 0.044 χ^2/NDF : 2079458.6/29

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: -299.107+/-93.410 χ^2/NDF : 296.7/13

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

Right Out: -1035.201+/-80.162 χ^2/NDF : 547.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

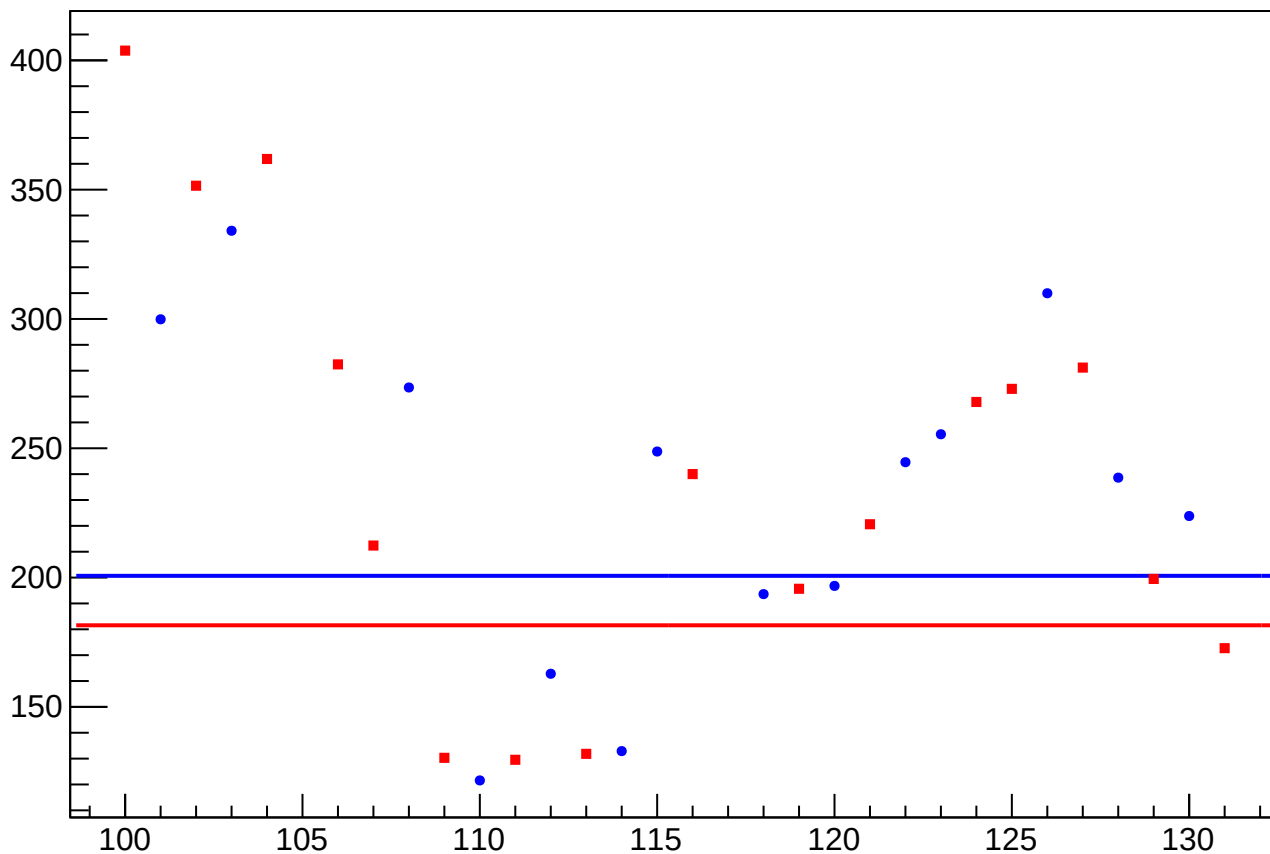
Right: -723.015+/-60.832 χ^2/NDF : 880.1/29

In: -299.107+/-93.410 χ^2/NDF :296.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -723.015+/-60.832 χ^2/NDF : 880.1/29

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 200.679+/-0.066 χ^2/NDF : 912512.1/13

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

Right Out: 181.549+/-0.057 χ^2/NDF : 1285211.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

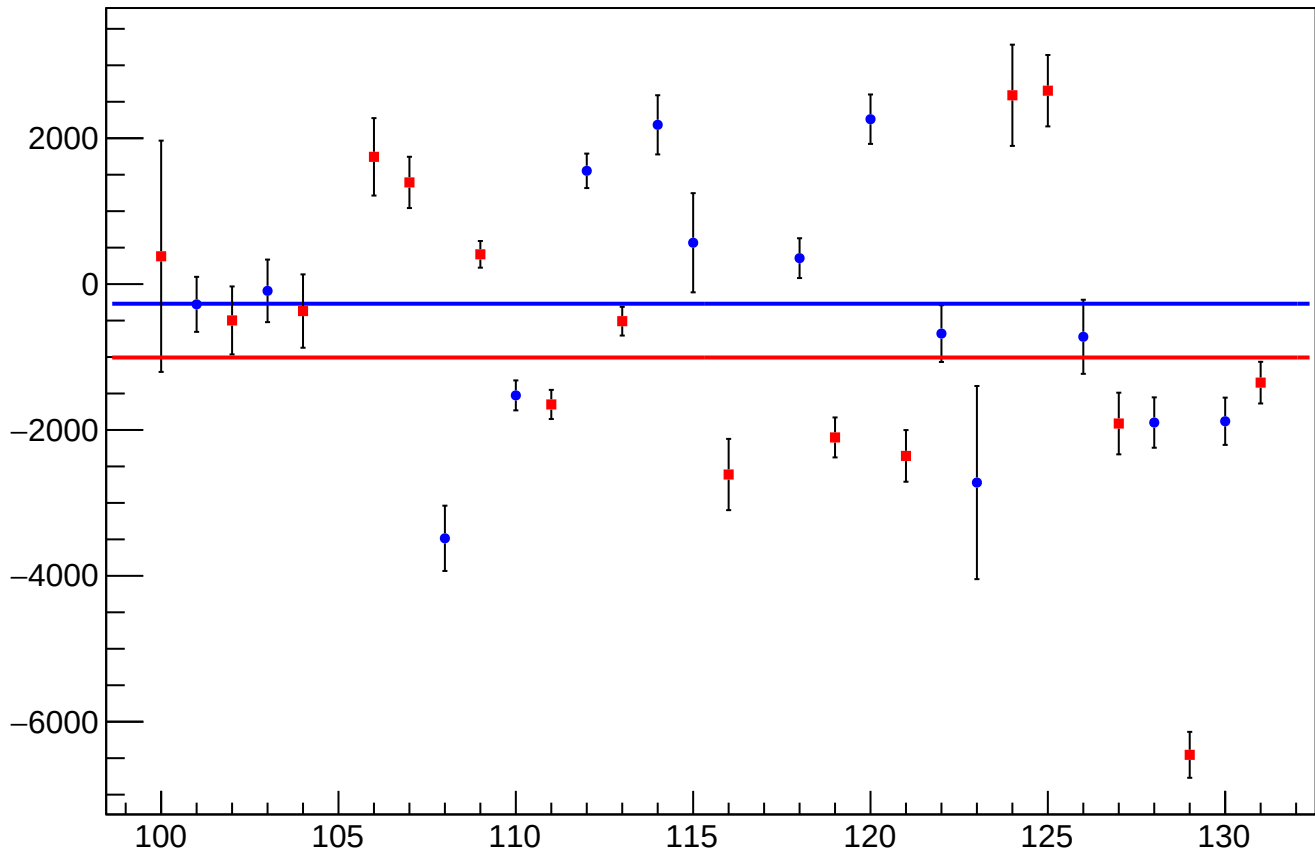
Right: 189.662+/-0.043 χ^2/NDF : 2246029.9/29

In: 200.679+/-0.066 χ^2/NDF : 912512.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.662+/-0.043 χ^2/NDF : 2246029.9/29

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -269.035+/-91.907 χ^2/NDF : 300.1/13

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

Right Out: -1006.272+/-78.829 χ^2/NDF : 583.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

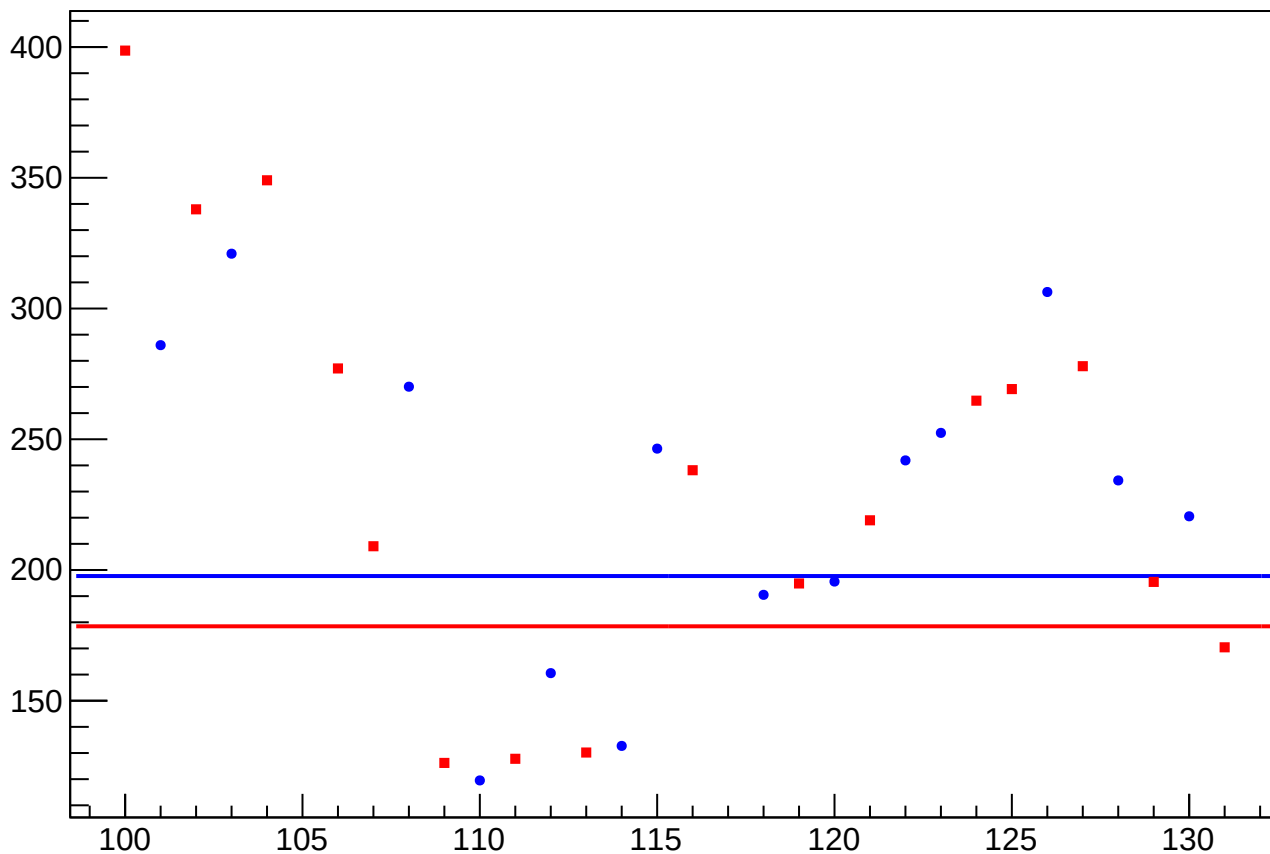
Right: -693.794+/-59.835 χ^2/NDF : 920.1/29

In: -269.035+/-91.907 χ^2/NDF : 300.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -693.794+/-59.835 χ^2/NDF : 920.1/29

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 197.687+/-0.065 χ^2/NDF : 882172.8/13

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

Right Out: 178.462+/-0.056 χ^2/NDF : 1279920.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

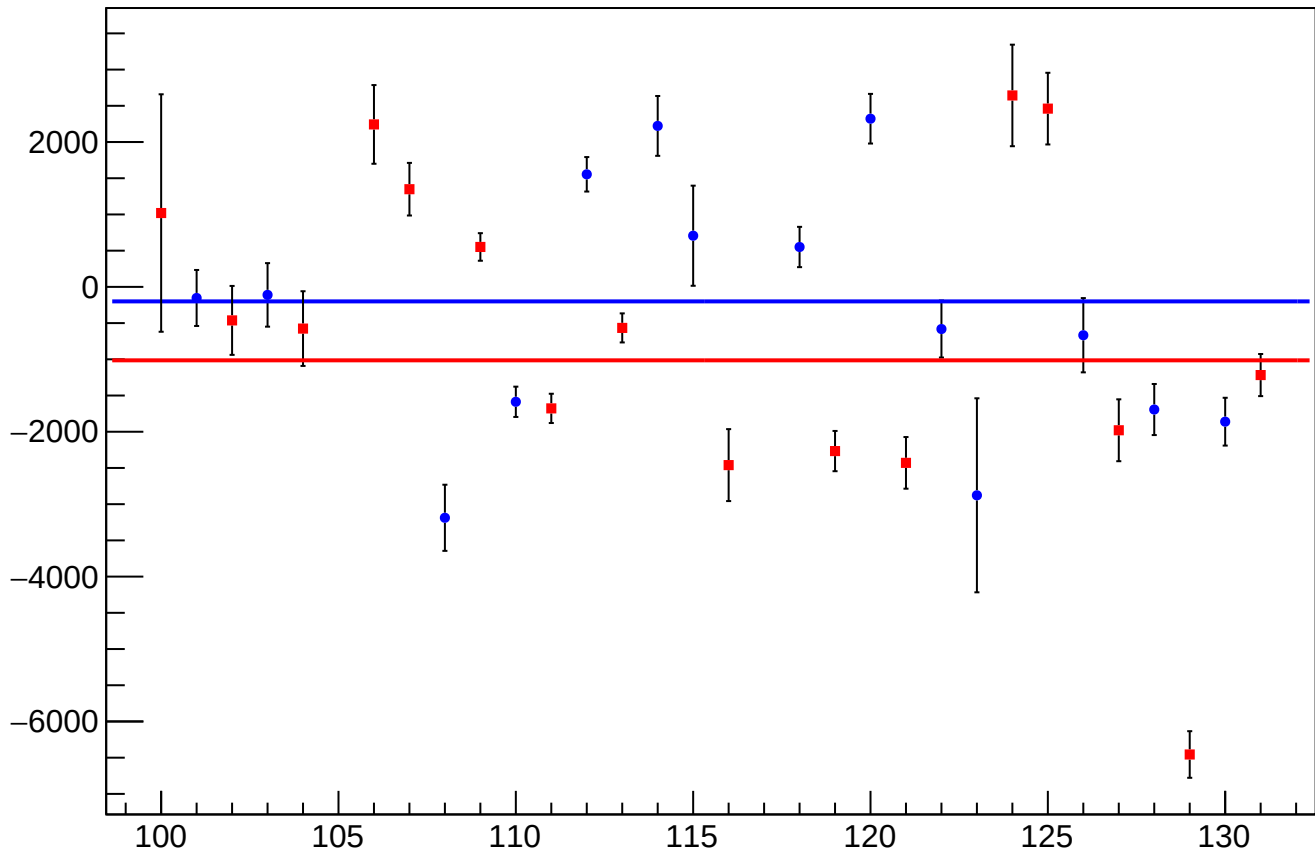
Right: 186.610+/-0.042 χ^2/NDF : 2212513.3/29

In: 197.687+/-0.065 χ^2/NDF : 882172.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 186.610+/-0.042 χ^2/NDF : 2212513.3/29

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: -200.293+/-93.409 χ^2/NDF : 287.7/13

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

Right Out: -1014.117+/-80.475 χ^2/NDF : 578.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

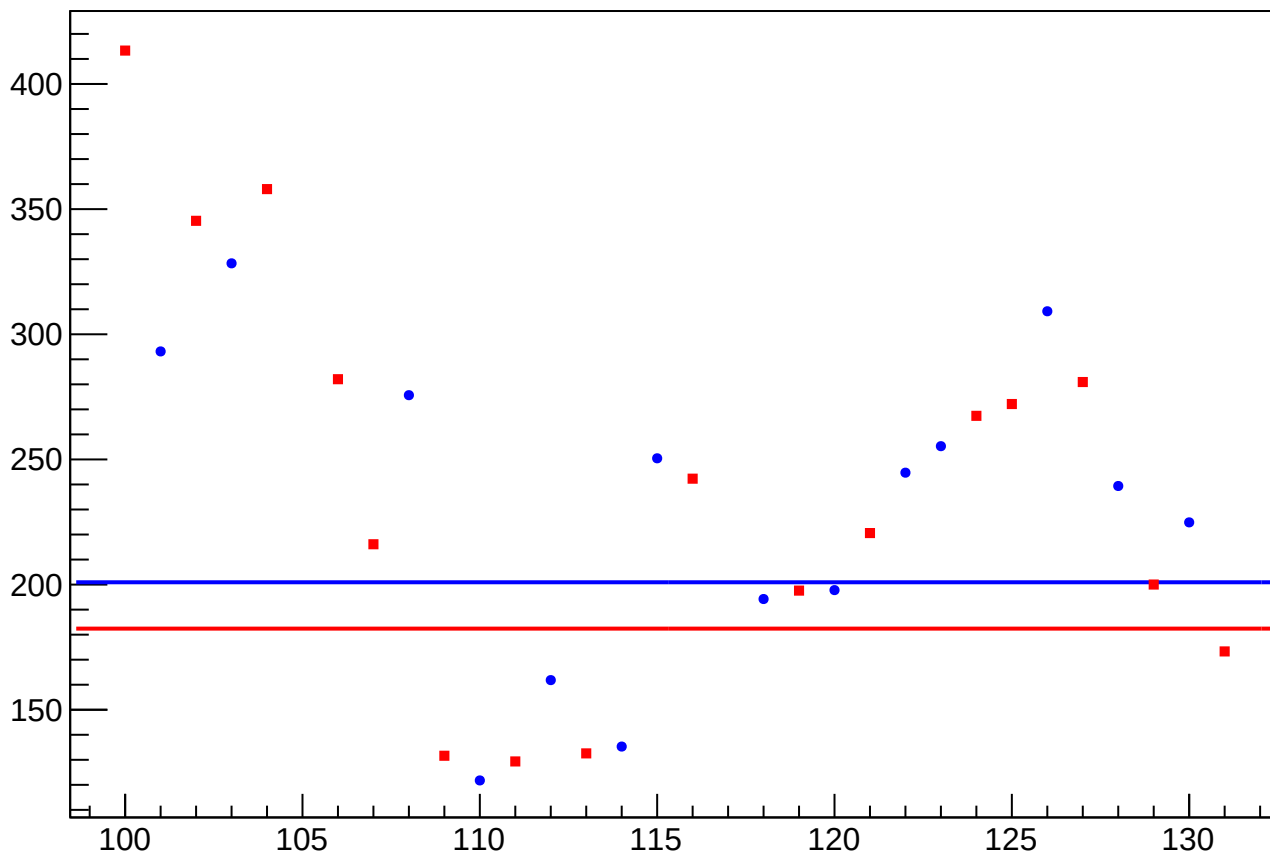
Right: -667.405+/-60.969 χ^2/NDF : 909.2/29

In: -200.293+/-93.409 χ^2/NDF :287.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -667.405+/-60.969 χ^2/NDF : 909.2/29

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 200.927+/-0.066 χ^2/NDF : 890164.8/13

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

Right Out: 182.414+/-0.057 χ^2/NDF : 1261813.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

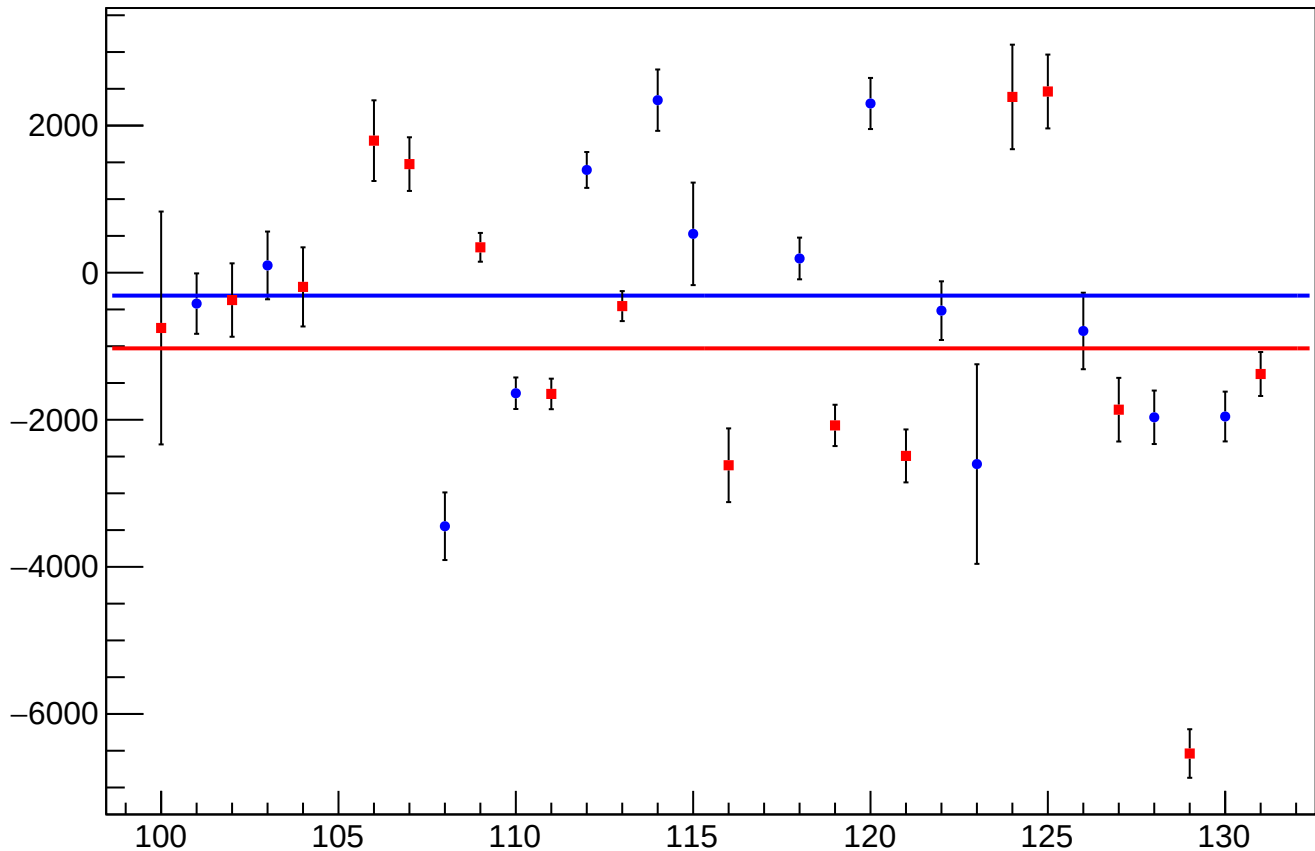
Right: 190.301+/-0.043 χ^2/NDF : 2197068.5/29

In: 200.927+/-0.066 χ^2/NDF :890164.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 190.301+/-0.043 χ^2/NDF : 2197068.5/29

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: -311.810+/-95.660 χ^2/NDF : 284.8/13

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

Right Out: -1029.072+/-82.177 χ^2/NDF : 539.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

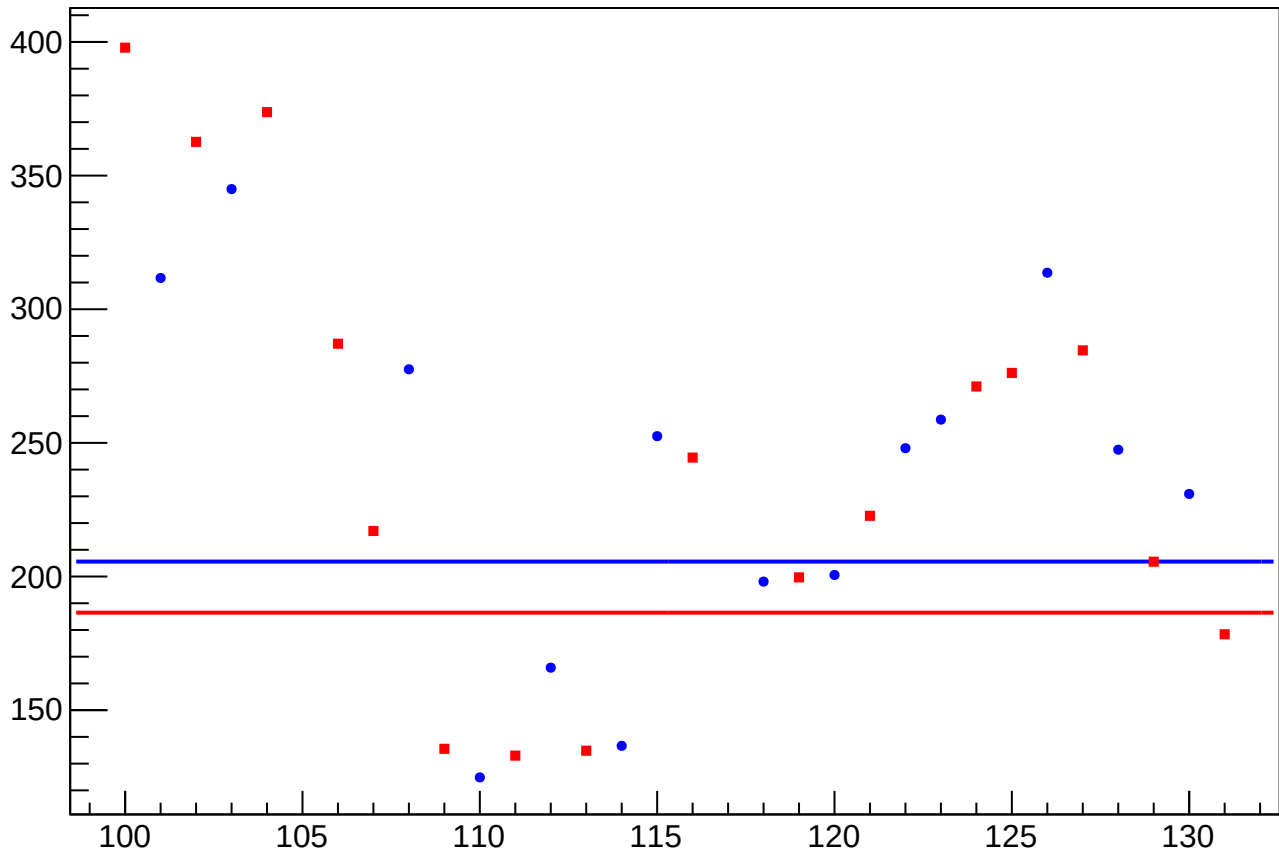
Right: -724.509+/-62.335 χ^2/NDF : 856.5/29

In: -311.810+/-95.660 χ^2/NDF :284.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -724.509+/-62.335 χ^2/NDF : 856.5/29

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 205.590+/-0.068 χ^2/NDF : 917517.2/13

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

Right Out: 186.476+/-0.058 χ^2/NDF : 1259587.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

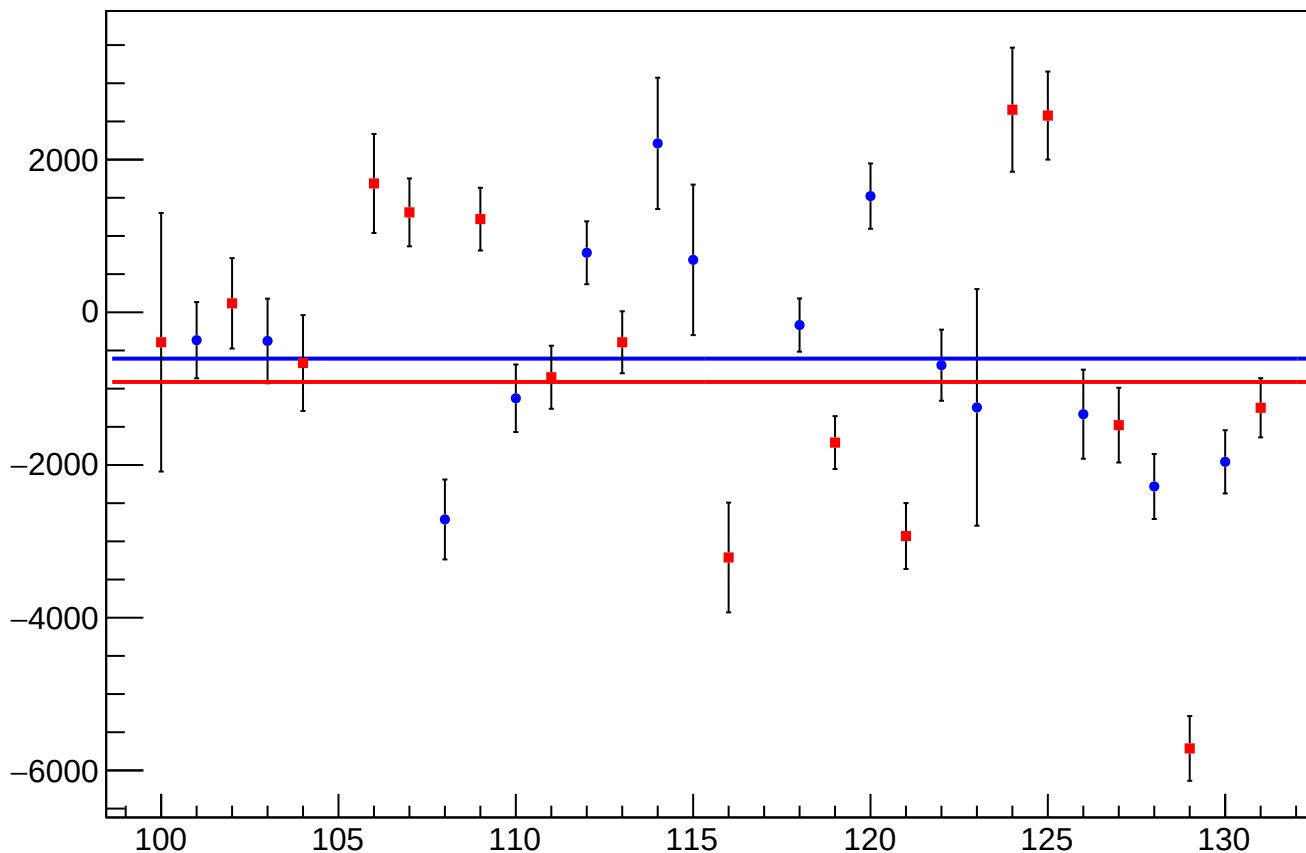
Right: 194.592+/-0.044 χ^2/NDF : 2223047.2/29

In: 205.590+/-0.068 χ^2/NDF : 917517.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 194.592+/-0.044 χ^2/NDF : 2223047.2/29

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -606.531+/-132.103 χ^2/NDF : 96.0/13

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

Right Out: -912.317+/-121.644 χ^2/NDF : 296.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

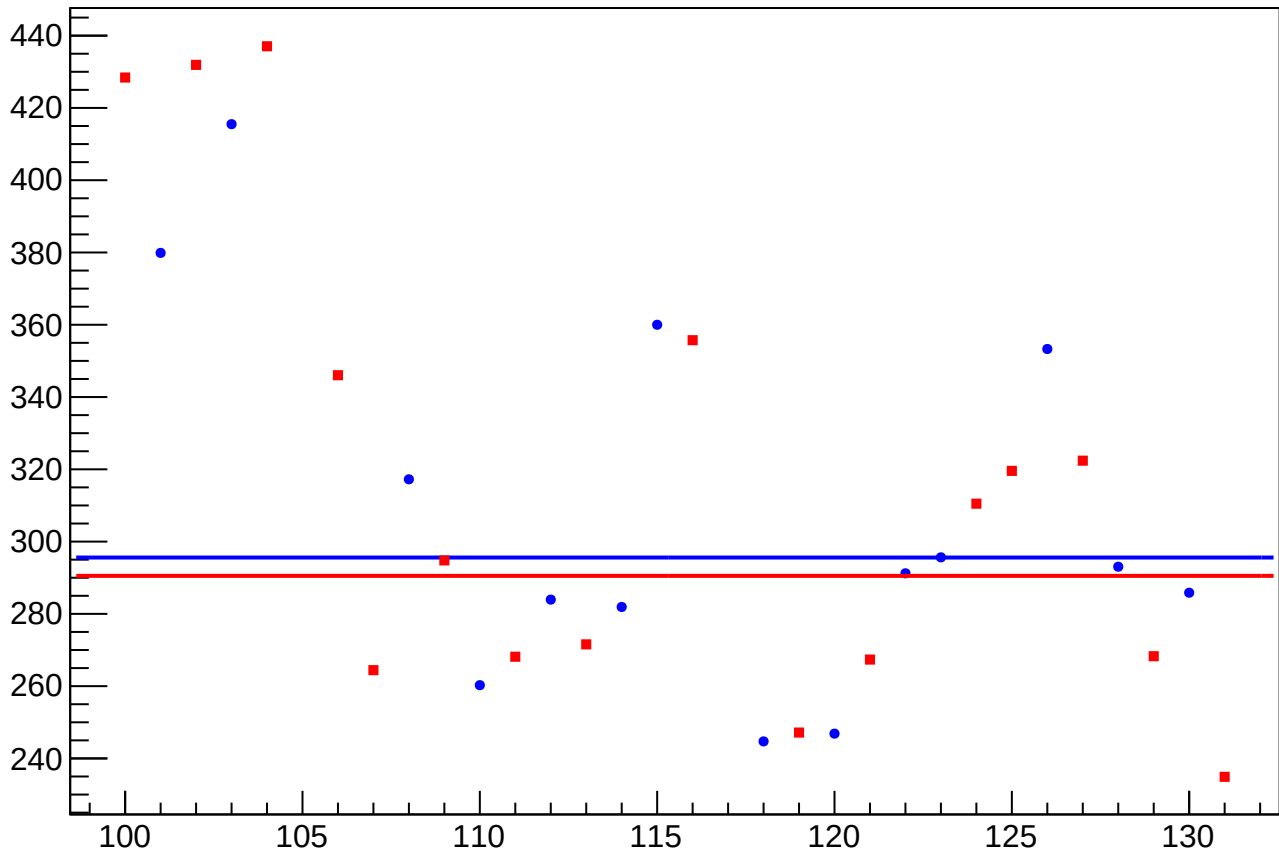
Right: -772.007+/-89.485 χ^2/NDF : 395.2/29

In: -606.531+/-132.103 χ^2/NDF : 96.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -772.007+/-89.485 χ^2/NDF : 395.2/29

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 295.593 $\pm$ 0.093 χ^2 /NDF: 266886.1/13

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

Right Out: 290.522 $\pm$ 0.086 χ^2 /NDF: 383474.4/15

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

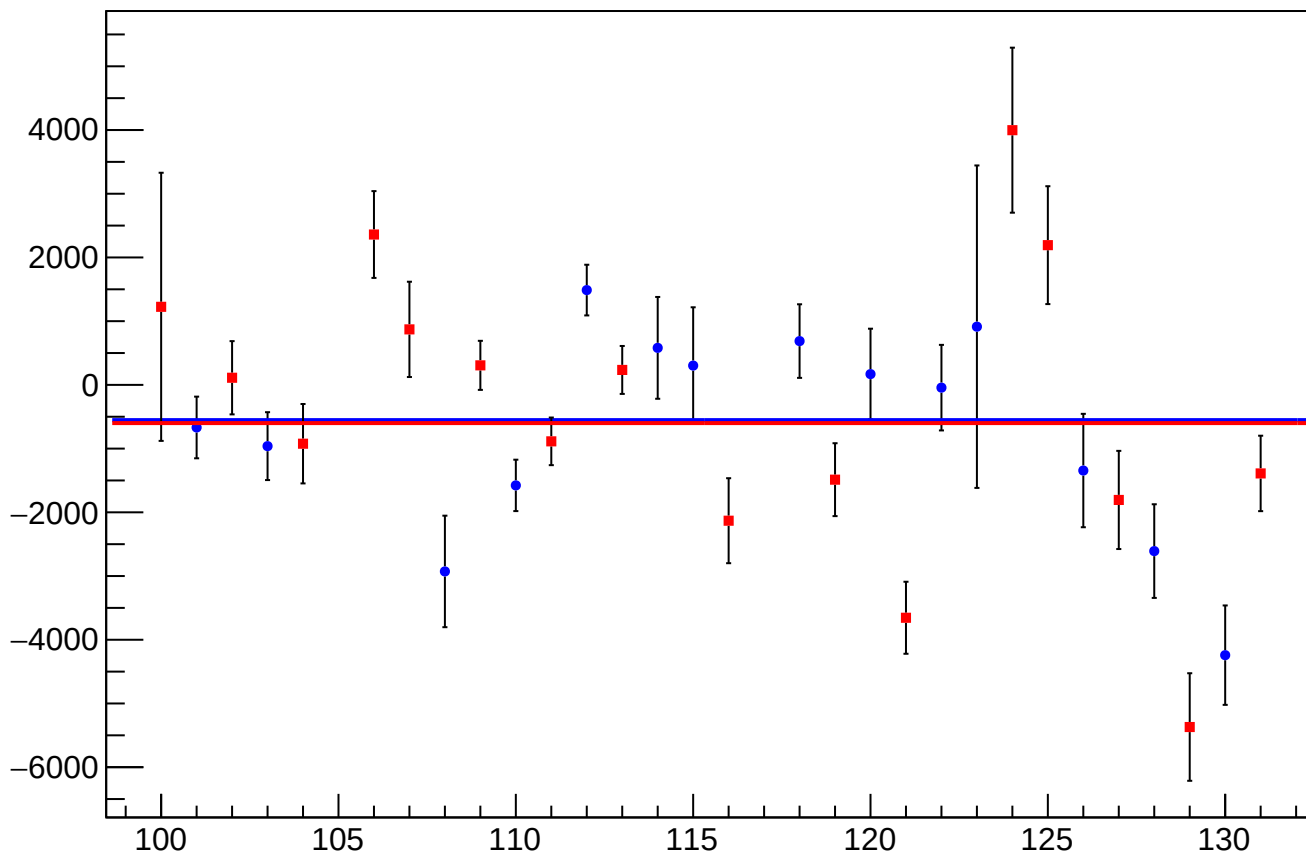
Right: 292.849 $\pm$ 0.063 χ^2 /NDF: 651955.5/29

In: 295.593 $\pm$ 0.093 χ^2 /NDF:266886.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 292.849 $\pm$ 0.063 χ^2 /NDF: 651955.5/29

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -552.950+/-165.680 χ^2/NDF : 81.2/13

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

Right Out: -599.651+/-146.039 χ^2/NDF : 131.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

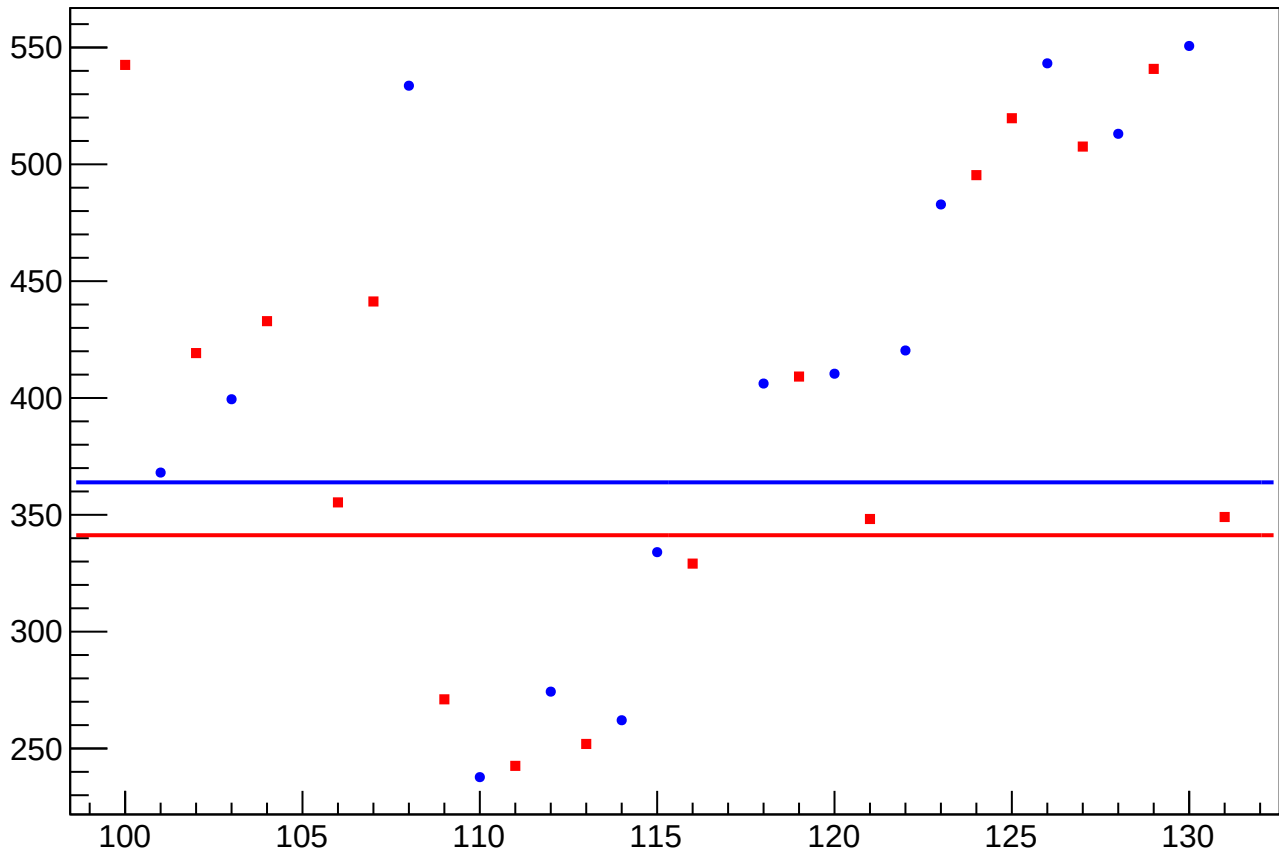
Right: -579.231+/-109.554 χ^2/NDF : 212.4/29

In: -552.950+/-165.680 χ^2/NDF : 81.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -579.231+/-109.554 χ^2/NDF : 212.4/29

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 363.898 $\pm$ 0.117 χ^2 /NDF: 732089.0/13

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

Right Out: 341.268 $\pm$ 0.103 χ^2 /NDF: 791160.7/15

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

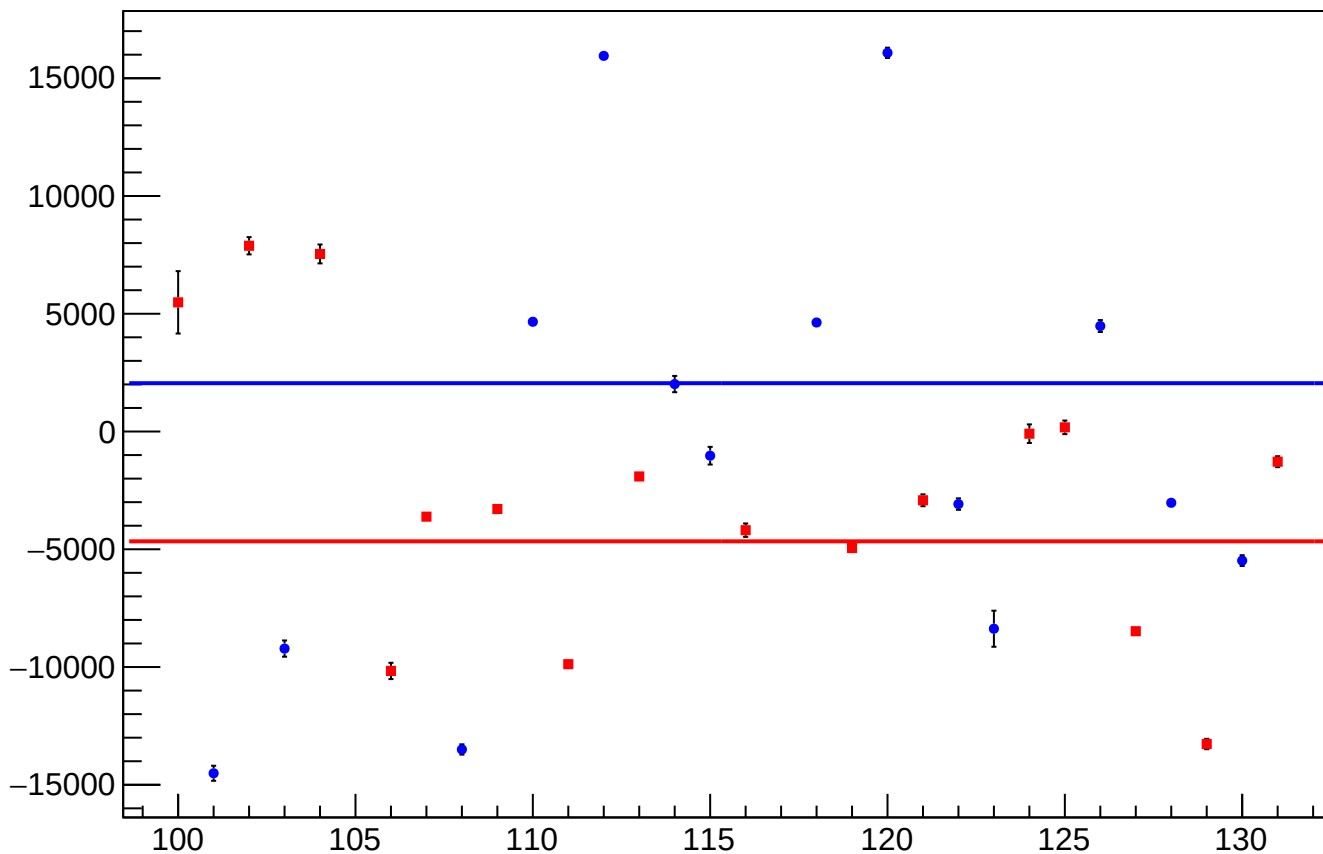
Right: 351.163 $\pm$ 0.077 χ^2 /NDF: 1544246.6/29

In: 363.898 $\pm$ 0.117 χ^2 /NDF:732089.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 351.163 $\pm$ 0.077 χ^2 /NDF: 1544246.6/29

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 2051.441+/-62.336 χ^2/NDF : 22430.3/13

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

Right Out: -4662.792+/-57.513 χ^2/NDF : 6453.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

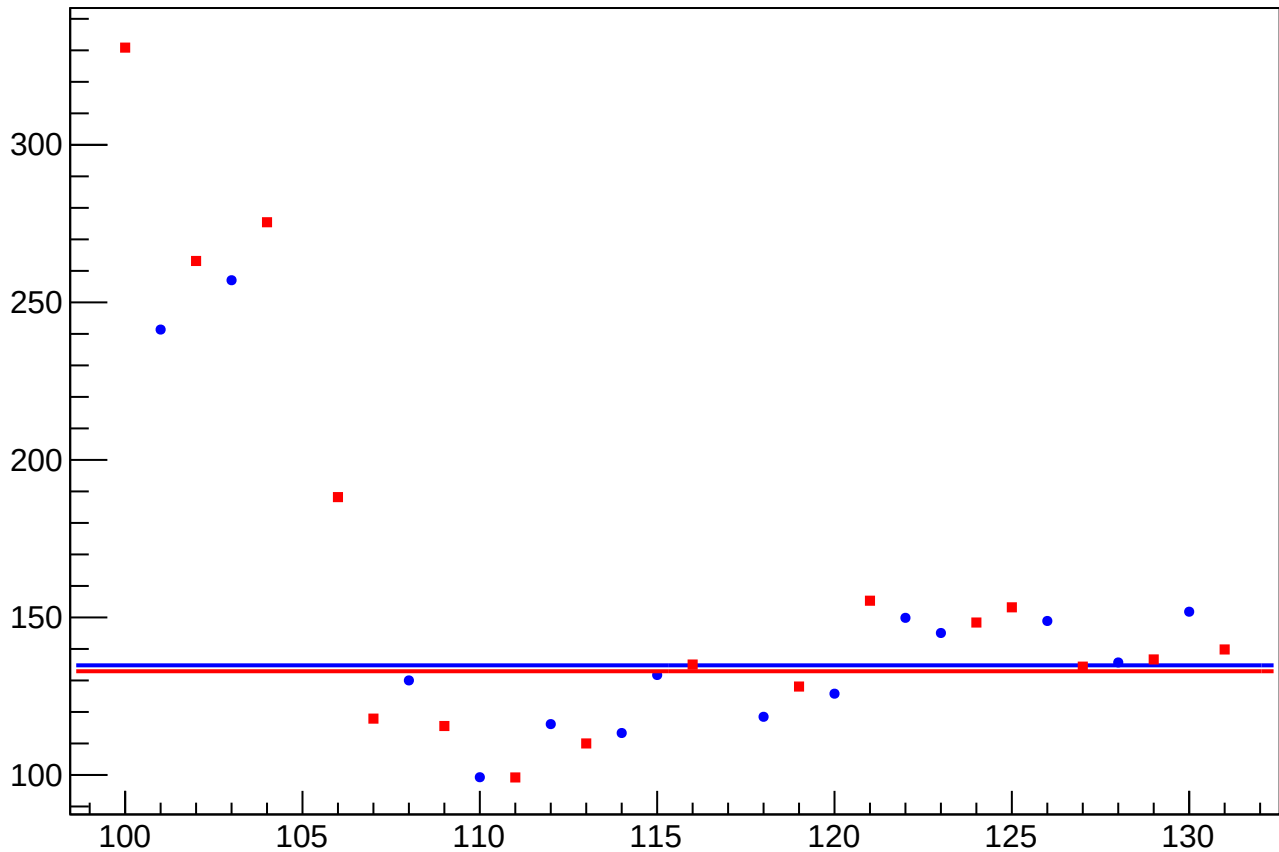
Right: -1575.457+/-42.270 χ^2/NDF : 35150.5/29

In: 2051.441+/-62.336 χ^2/NDF :22430.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1575.457+/-42.270 χ^2/NDF : 35150.5/29

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 134.801+/-0.044 χ^2/NDF : 640679.0/13

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

Right Out: 132.922+/-0.041 χ^2/NDF : 798519.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

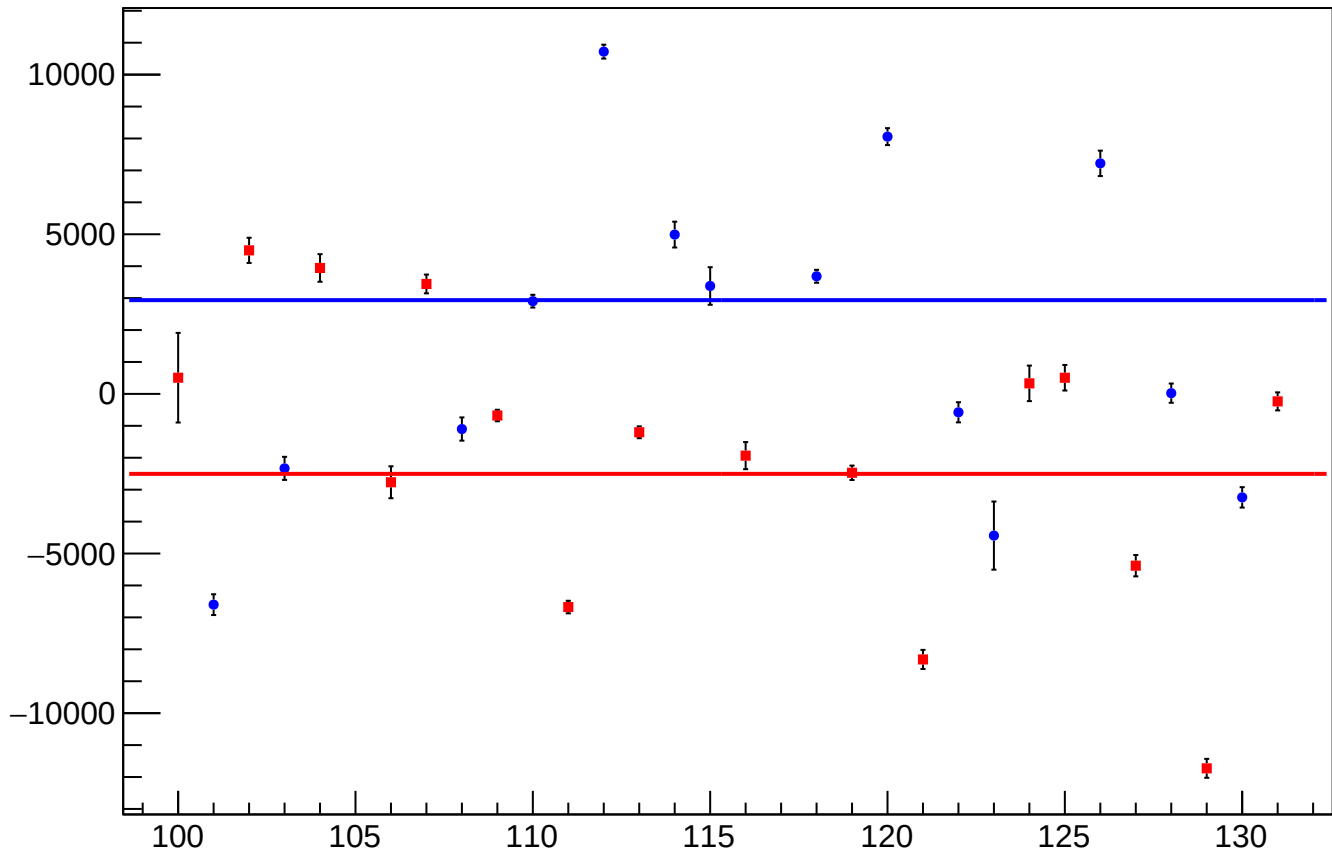
Right: 133.786+/-0.030 χ^2/NDF : 1440180.3/29

In: 134.801+/-0.044 χ^2/NDF : 640679.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.786+/-0.030 χ^2/NDF : 1440180.3/29

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 2936.309+/-79.956 χ^2/NDF : 3638.3/13

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

Right Out: -2504.820+/-72.157 χ^2/NDF : 3120.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

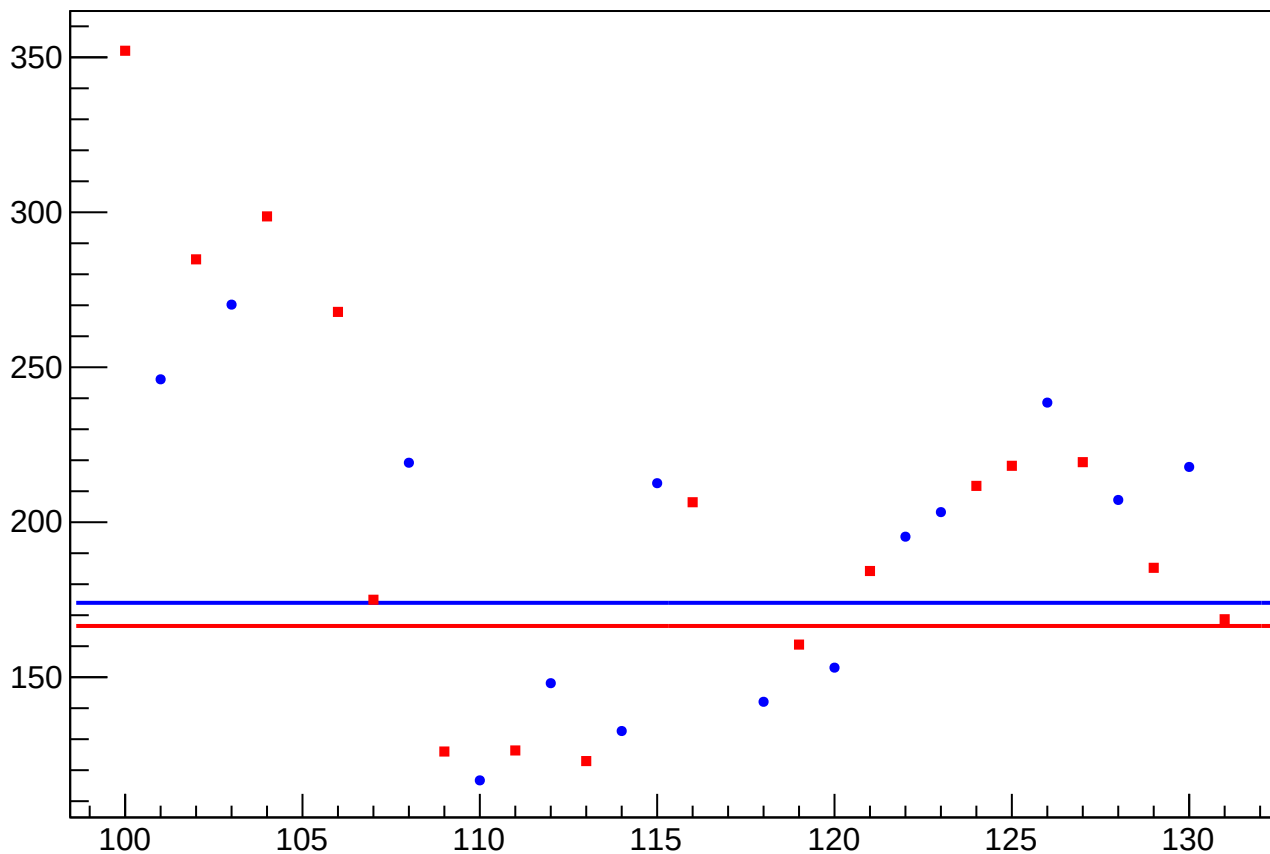
Right: -62.494+/-53.568 χ^2/NDF : 9311.1/29

In: 2936.309+/-79.956 χ^2/NDF :3638.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -62.494+/-53.568 χ^2/NDF : 9311.1/29

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 173.998 $\pm$ 0.057 χ^2 /NDF: 680475.6/13

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

Right Out: 166.532 $\pm$ 0.051 χ^2 /NDF: 910374.7/15

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

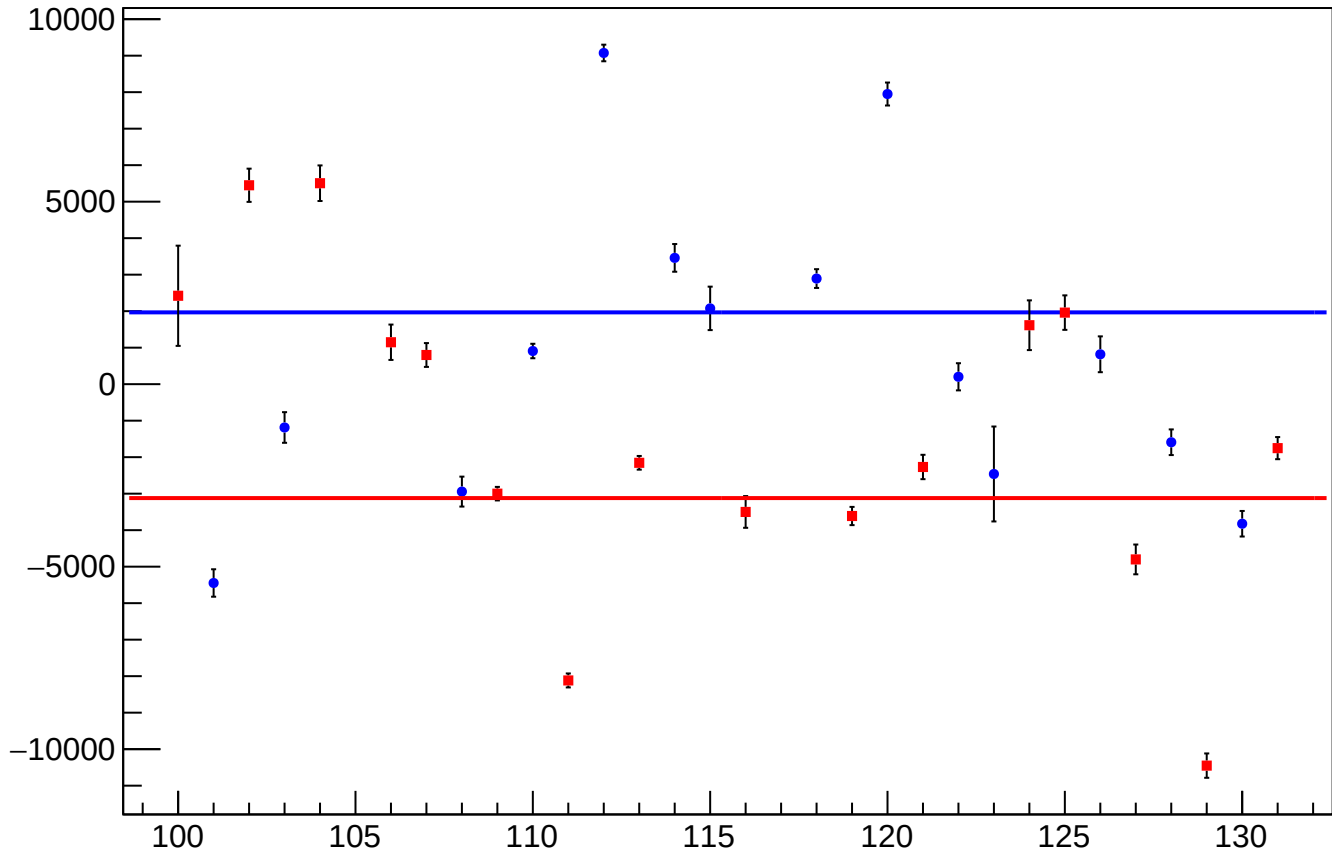
Right: 169.883 $\pm$ 0.038 χ^2 /NDF: 1600462.0/29

In: 173.998 $\pm$ 0.057 χ^2 /NDF:680475.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 169.883 $\pm$ 0.038 χ^2 /NDF: 1600462.0/29

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 1966.942+/-88.835 χ^2/NDF : 2399.8/13

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

Right Out: -3121.040+/-76.511 χ^2/NDF : 2309.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

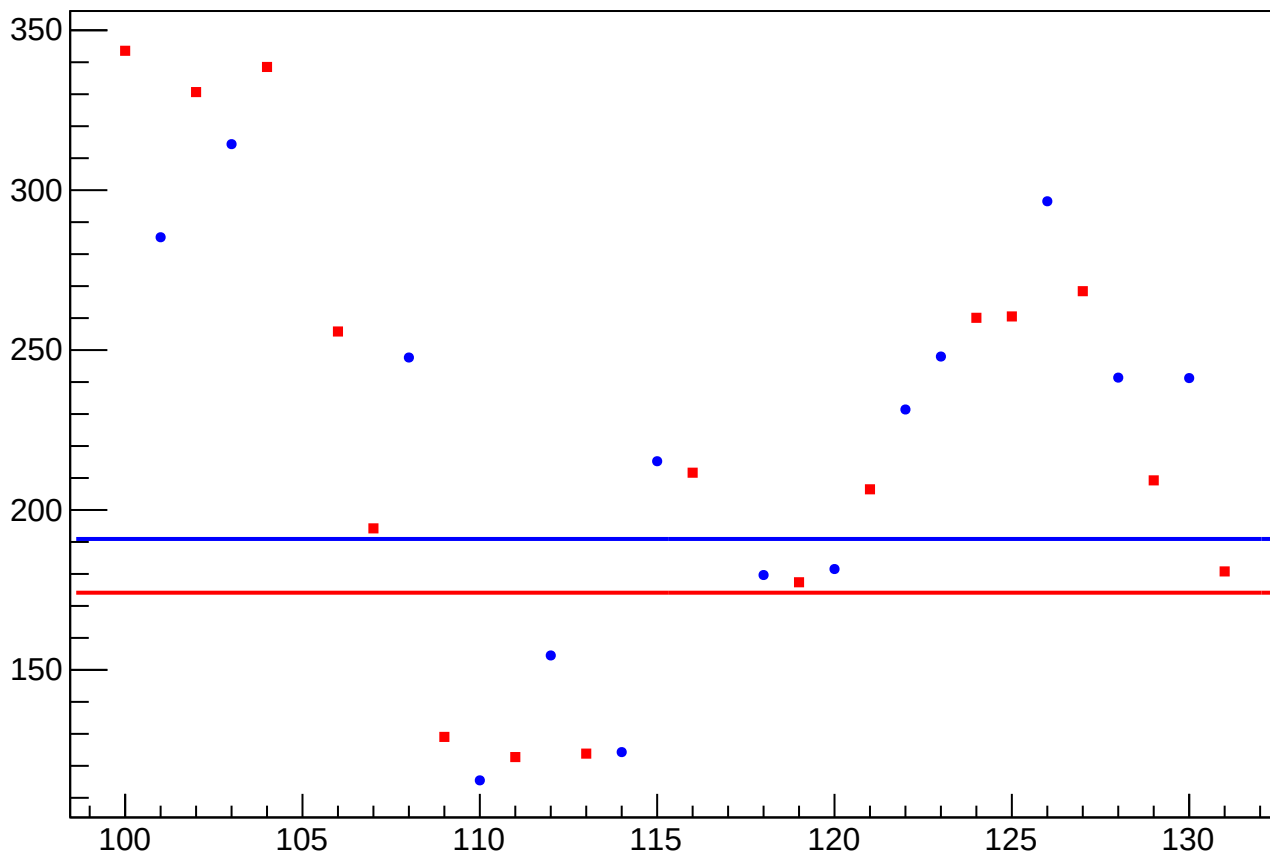
Right: -954.193+/-57.973 χ^2/NDF : 6592.4/29

In: 1966.942+/-88.835 χ^2/NDF :2399.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -954.193+/-57.973 χ^2/NDF : 6592.4/29

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 190.939+/-0.063 χ^2/NDF : 952021.0/13

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

Right Out: 174.136+/-0.054 χ^2/NDF : 1227890.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

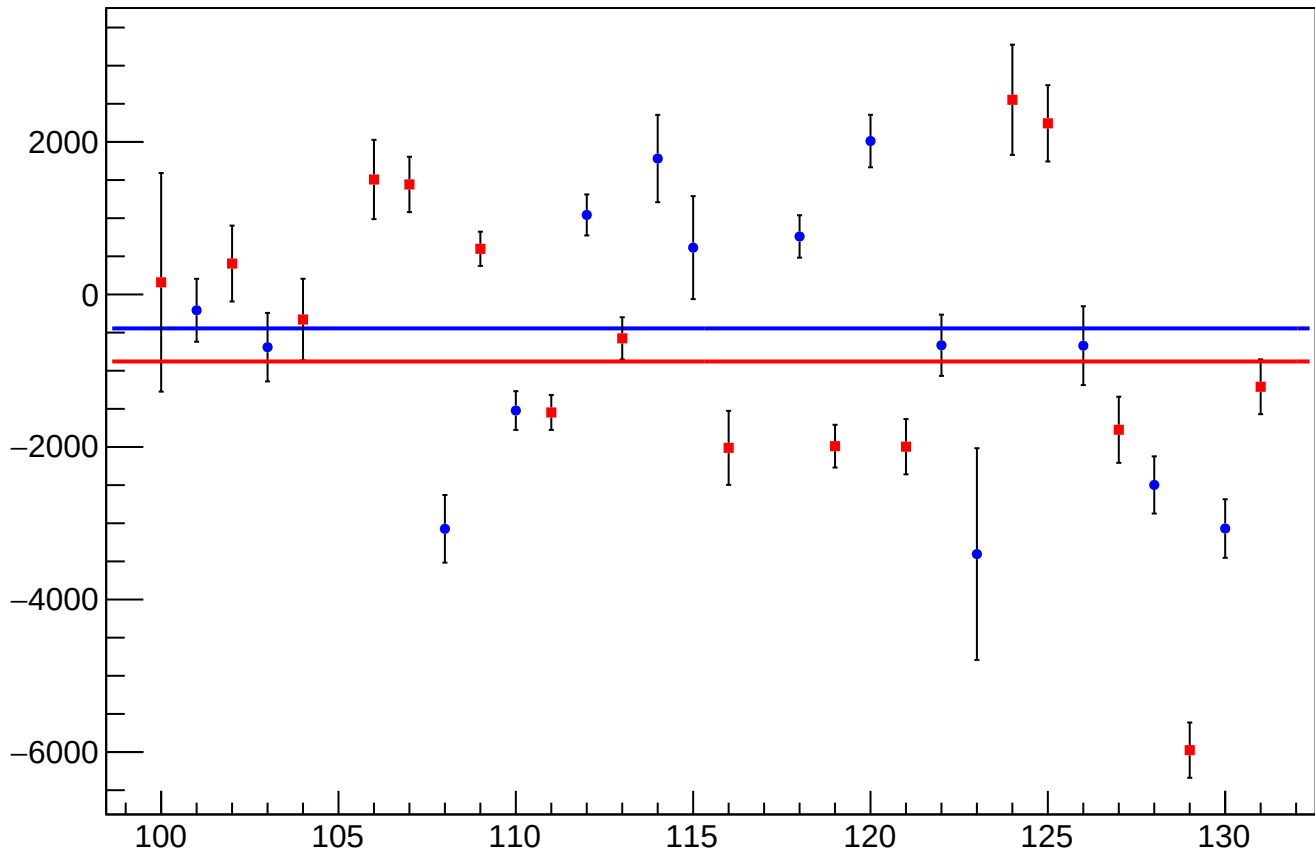
Right: 181.292+/-0.041 χ^2/NDF : 2220988.9/29

In: 190.939+/-0.063 χ^2/NDF : 952021.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.292+/-0.041 χ^2/NDF : 2220988.9/29

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -445.105 ± 101.947 χ^2/NDF : 253.3/13

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

Right Out: -878.553 ± 90.340 χ^2/NDF : 418.3/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

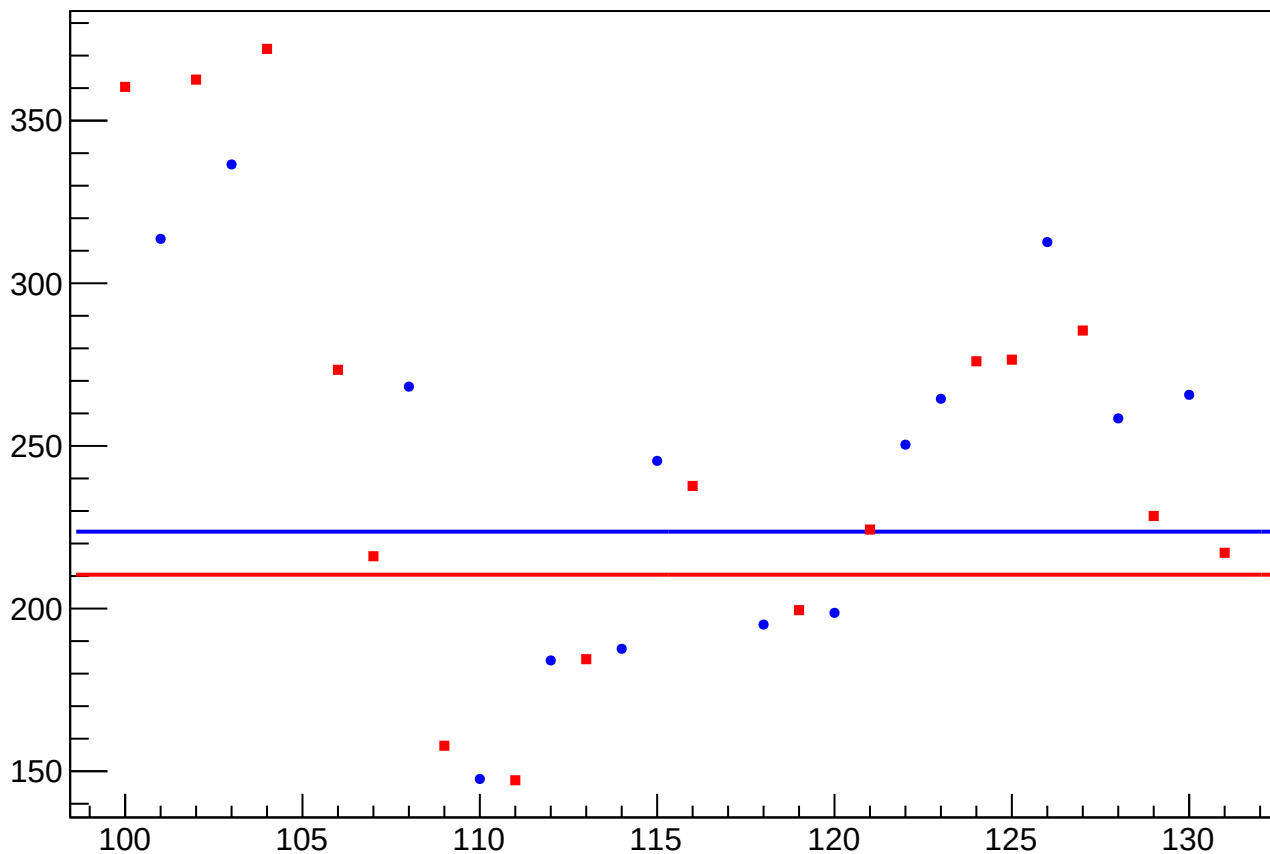
Right: -687.899 ± 67.613 χ^2/NDF : 681.7/29

In: -445.105 ± 101.947 χ^2/NDF : 253.3/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -687.899 ± 67.613 χ^2/NDF : 681.7/29

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 223.648 ± 0.072 χ^2/NDF : 617231.3/13

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

Right Out: 210.418 ± 0.064 χ^2/NDF : 831248.5/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

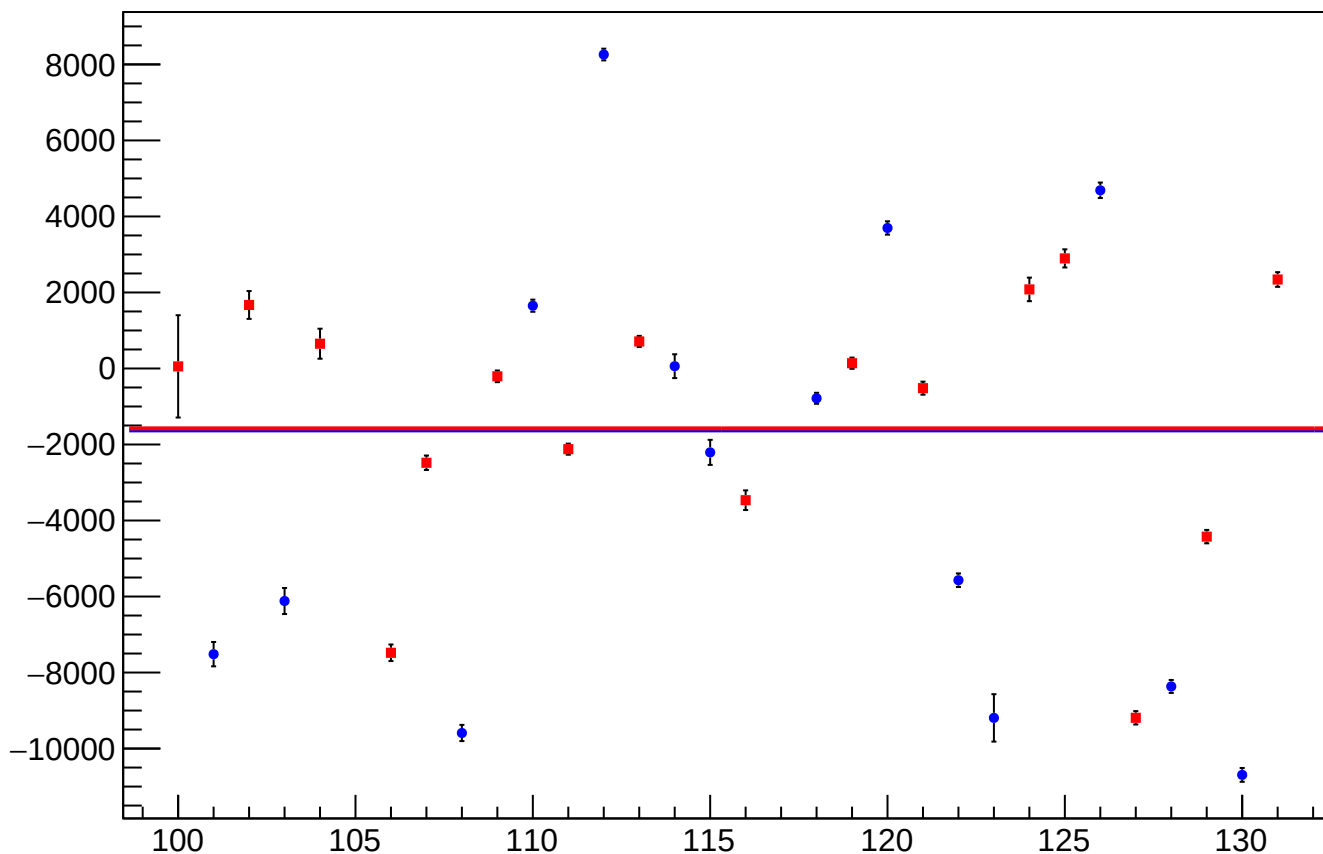
Right: 216.237 ± 0.048 χ^2/NDF : 1467345.6/29

In: 223.648 ± 0.072 χ^2/NDF : 617231.3/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 216.237 ± 0.048 χ^2/NDF : 1467345.6/29

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -1628.288+/-53.955 χ^2/NDF : 13049.6/13

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

Right Out: -1576.106+/-49.246 χ^2/NDF : 4456.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

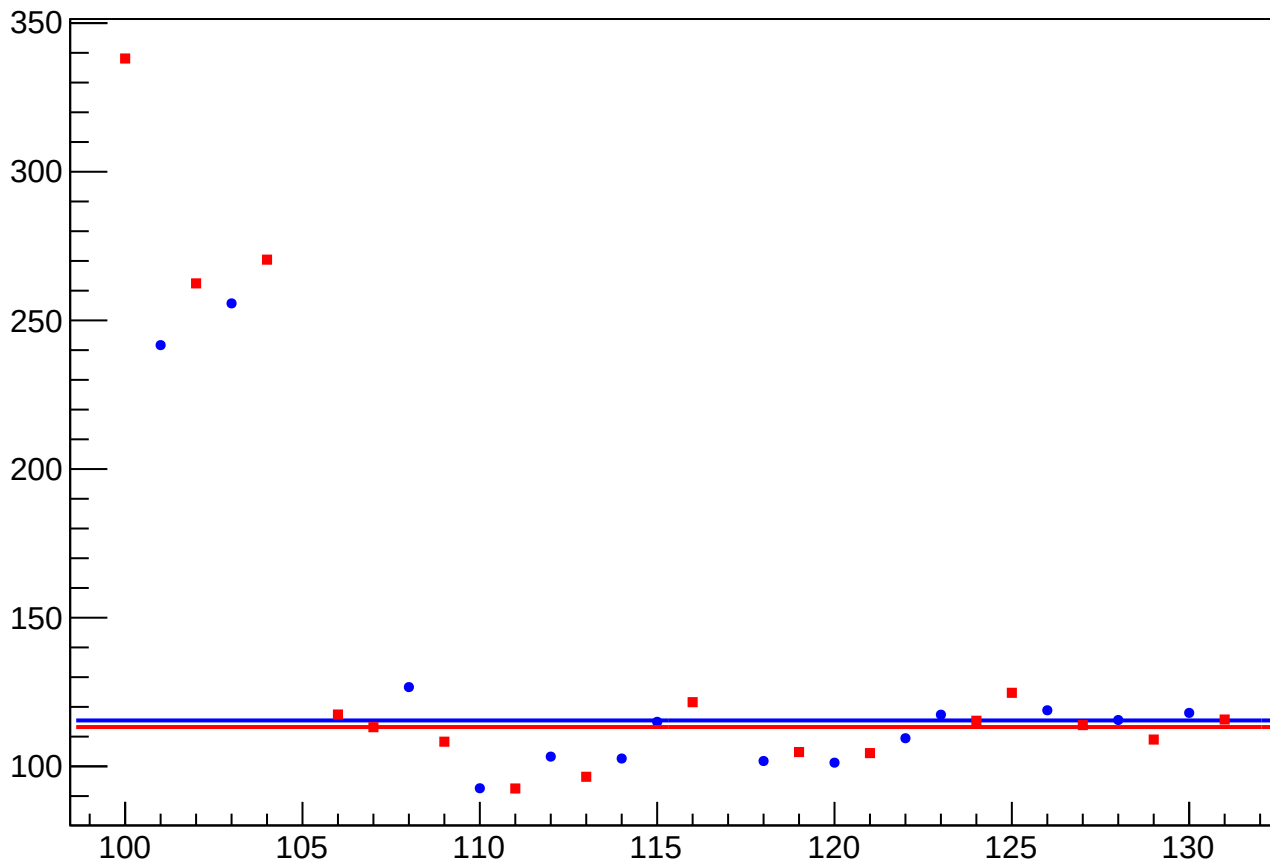
Right: -1599.821+/-36.373 χ^2/NDF : 17507.0/29

In: -1628.288+/-53.955 χ^2/NDF :13049.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1599.821+/-36.373 χ^2/NDF : 17507.0/29

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 115.440 $\pm$ 0.038 χ^2 /NDF: 741030.5/13

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

Right Out: 113.219 $\pm$ 0.035 χ^2 /NDF: 793593.2/15

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

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

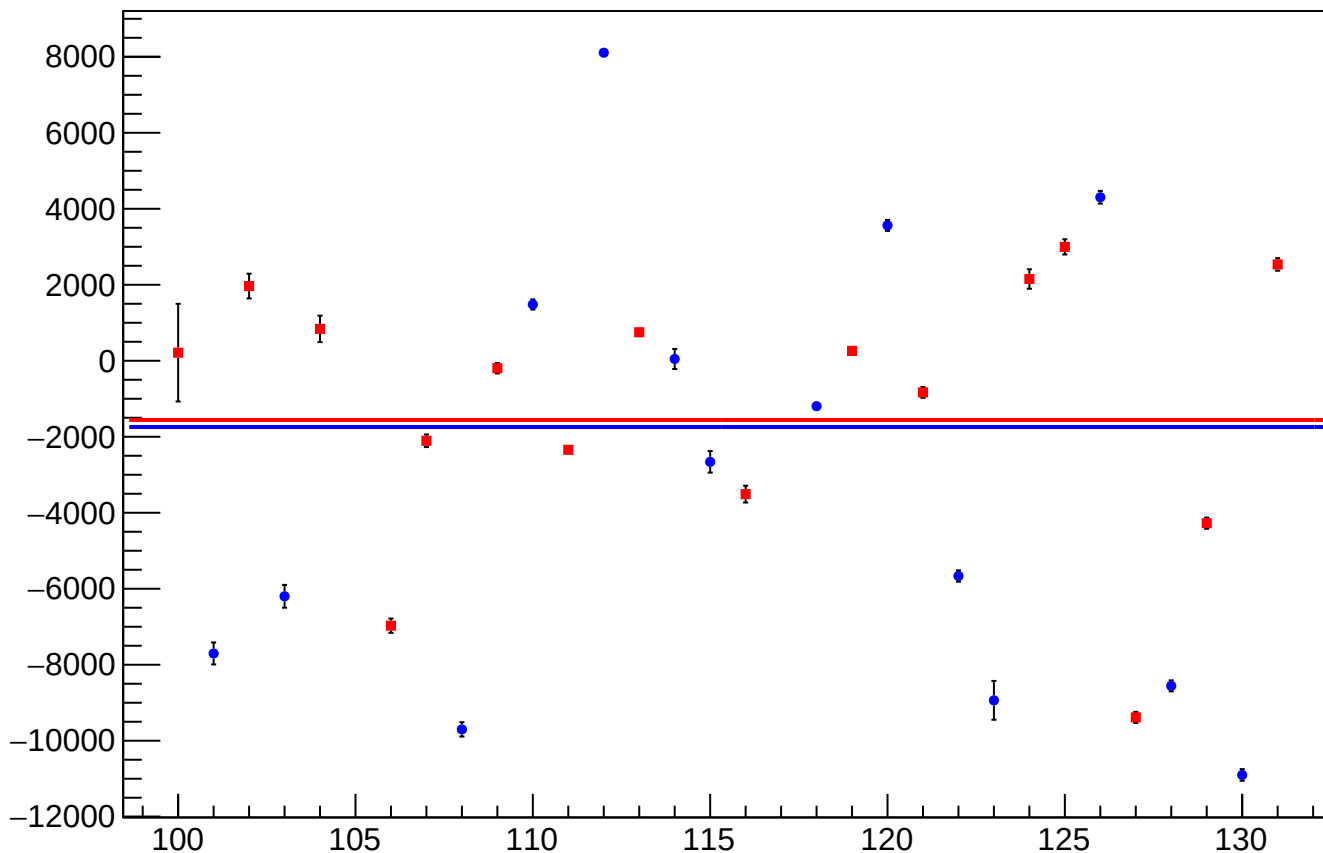
Right: 114.228 $\pm$ 0.026 χ^2 /NDF: 1536471.9/29

In: 115.440 $\pm$ 0.038 χ^2 /NDF:741030.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 114.228 $\pm$ 0.026 χ^2 /NDF: 1536471.9/29

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: -1742.383+/-45.556 χ^2/NDF : 17903.3/13

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

Right Out: -1557.663+/-41.642 χ^2/NDF : 6384.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

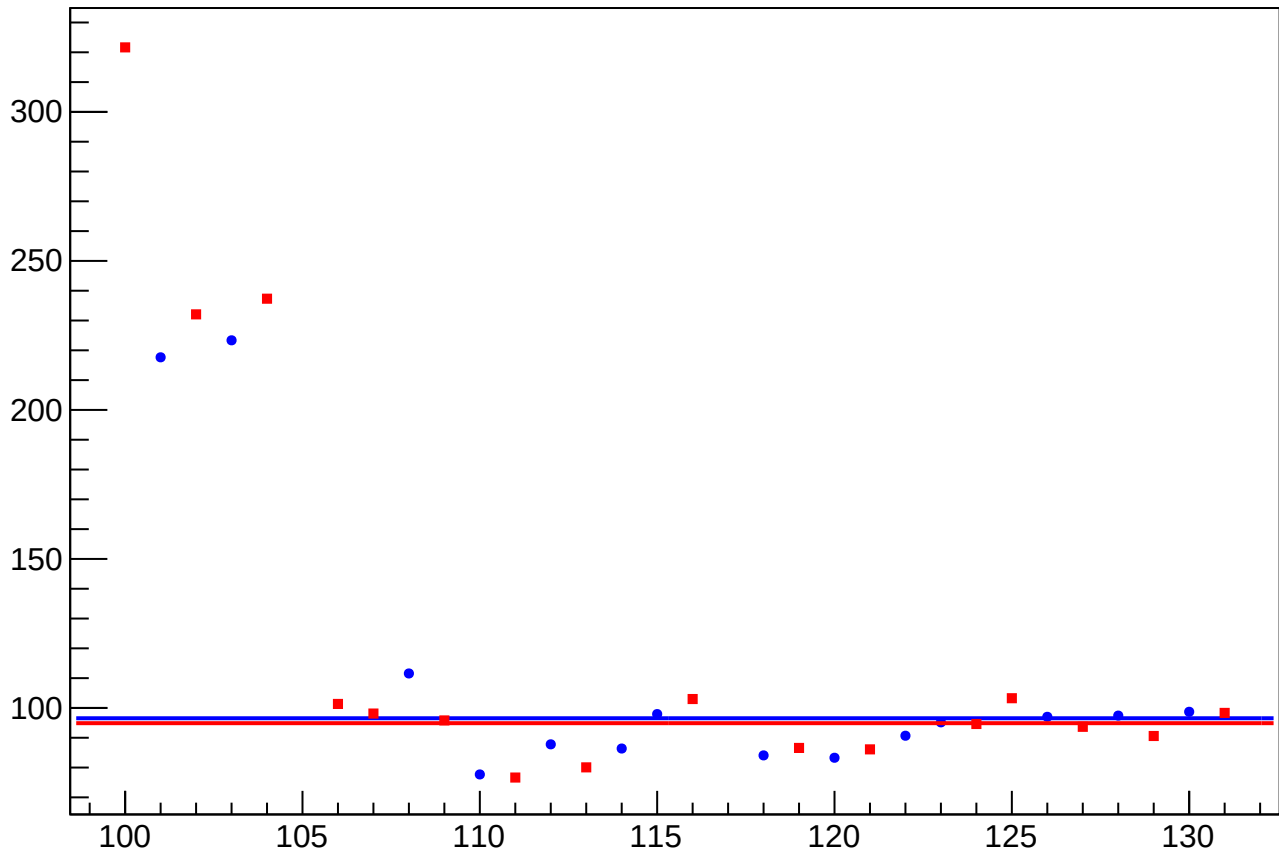
Right: -1641.750+/-30.736 χ^2/NDF : 24297.1/29

In: -1742.383+/-45.556 χ^2/NDF : 17903.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1641.750+/-30.736 χ^2/NDF : 24297.1/29

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 96.541+/-0.032 χ^2/NDF : 814585.3/13

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

Right Out: 94.891+/-0.029 χ^2/NDF : 856649.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

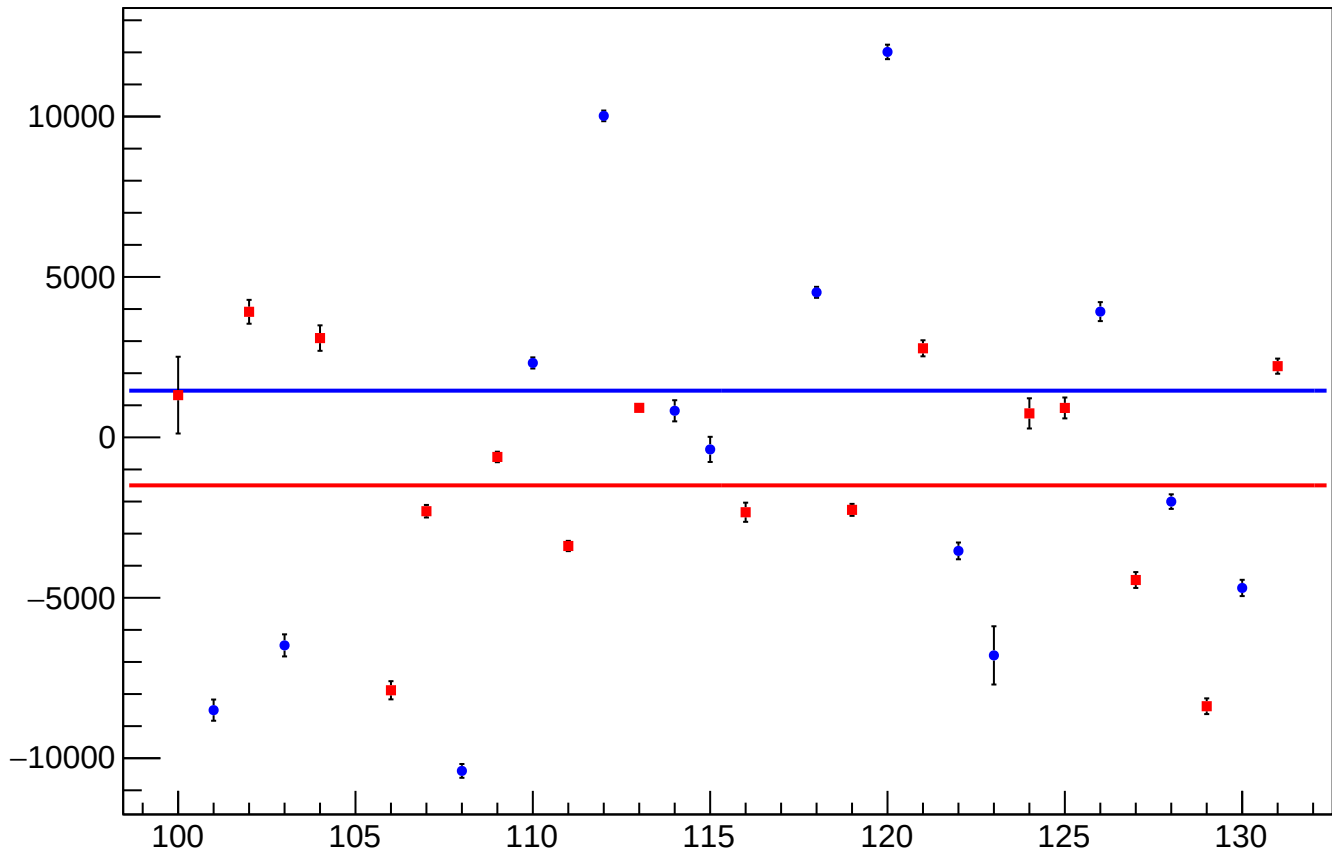
Right: 95.642+/-0.022 χ^2/NDF : 1672664.0/29

In: 96.541+/-0.032 χ^2/NDF : 814585.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.642+/-0.022 χ^2/NDF : 1672664.0/29

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 1455.973+/-64.545 χ^2 /NDF: 11013.7/13

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

Right Out: -1495.901+/-58.686 χ^2 /NDF: 2852.9/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

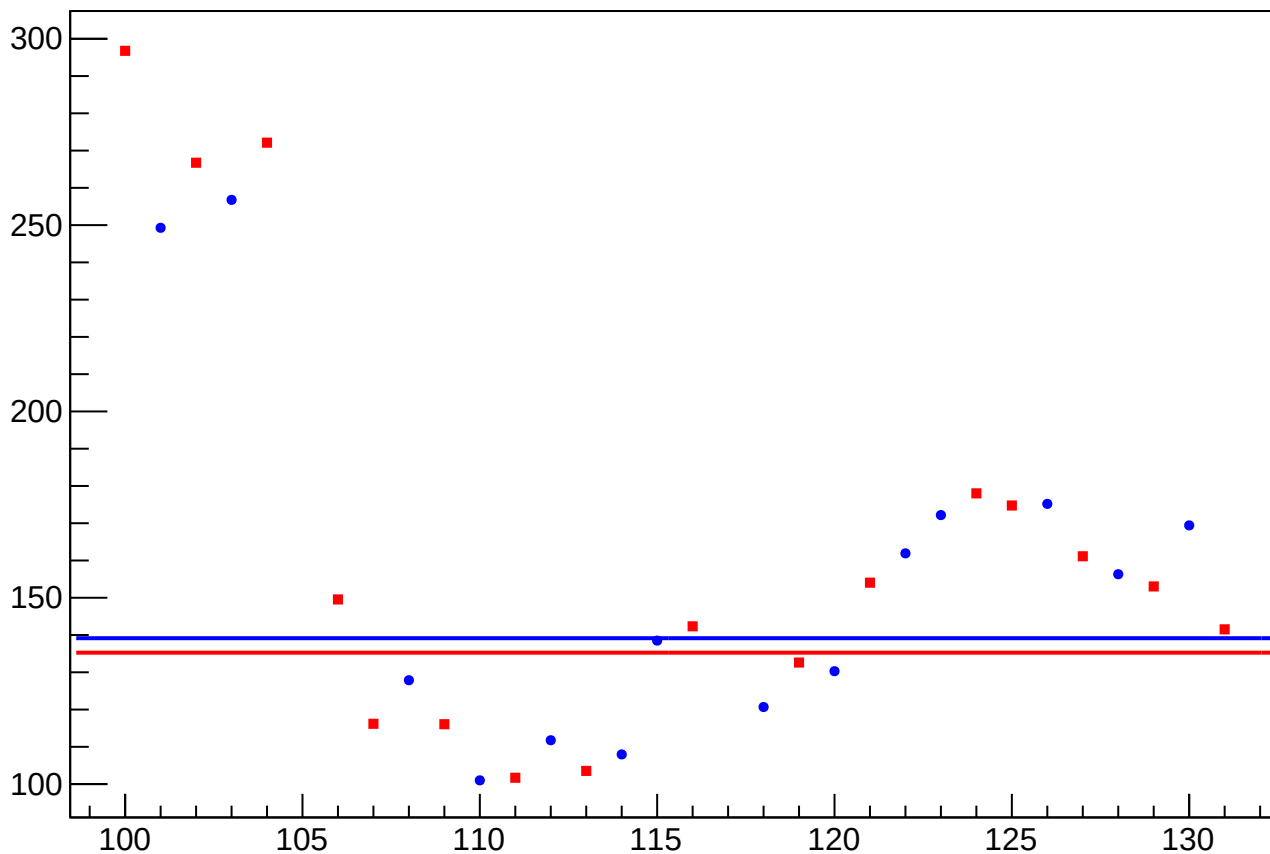
Right: -159.999+/-43.421 χ^2 /NDF: 15011.6/29

In: 1455.973+/-64.545 χ^2 /NDF:11013.7/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -159.999+/-43.421 χ^2 /NDF: 15011.6/29

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 139.149 $\pm$ 0.046 χ^2 /NDF: 743632.4/13

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

Right Out: 135.268 $\pm$ 0.041 χ^2 /NDF: 837369.0/15

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

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

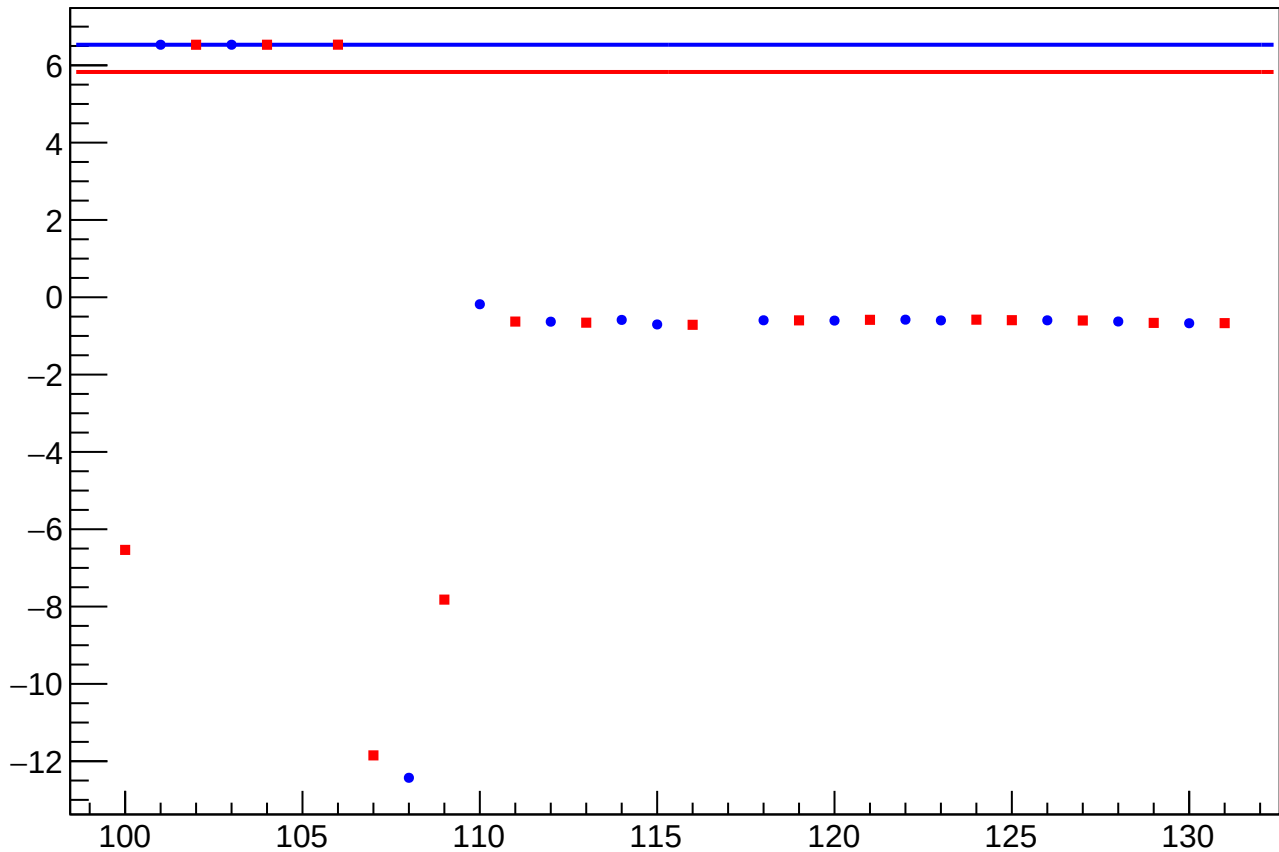
Right: 137.024 $\pm$ 0.031 χ^2 /NDF: 1584959.5/29

In: 139.149 $\pm$ 0.046 χ^2 /NDF:743632.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 137.024 $\pm$ 0.031 χ^2 /NDF: 1584959.5/29

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 6.532+/-0.000

χ^2/NDF : 85768504820.6/13

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 6.155+/-0.000 χ^2/NDF : 776017180808066.0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 5.828+/-0.000

χ^2/NDF : 755926179058803.2/15

In: 6.532+/-0.000 χ^2/NDF : 85768504820.6/13

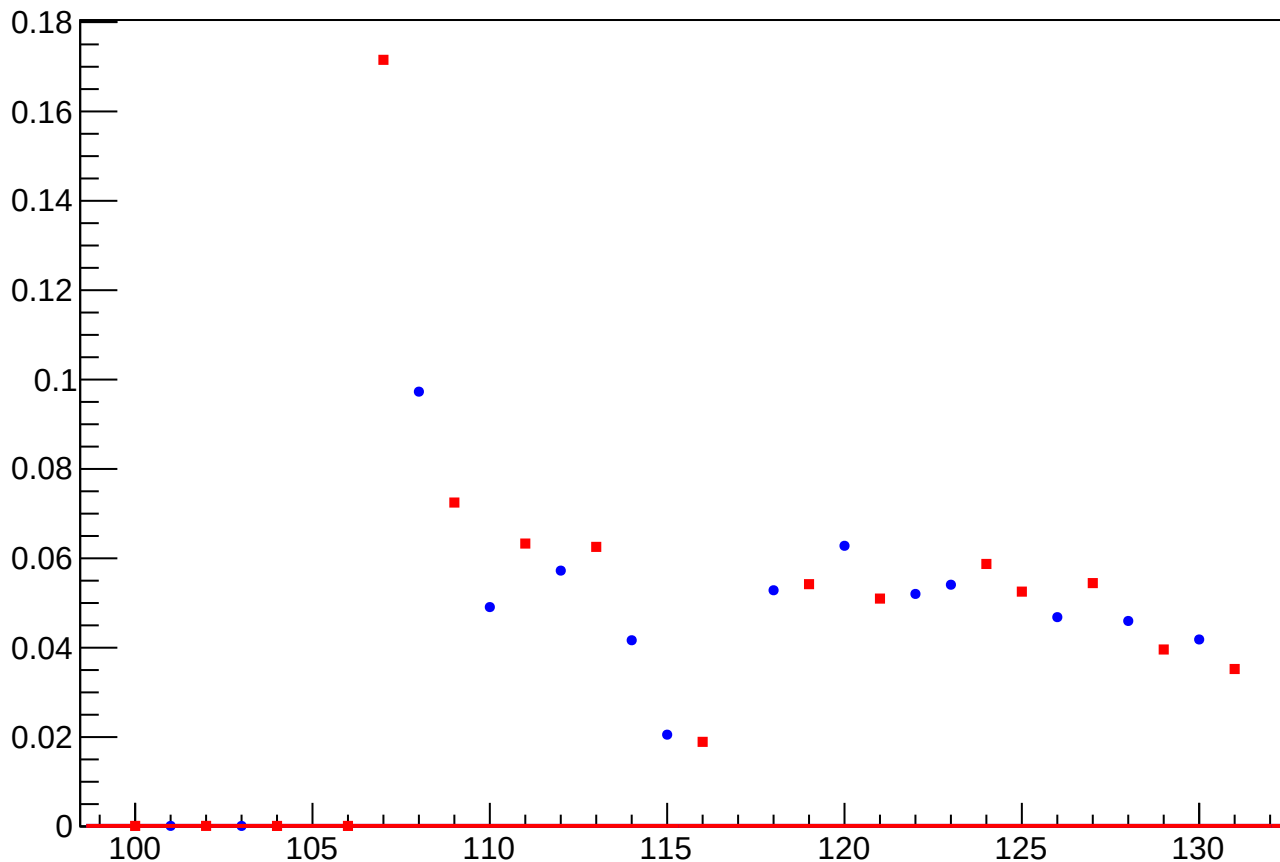
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 6.155+/-0.000 χ^2/NDF : 776017180808066.0

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6900799.0/13

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

Right Out: 0.000+/-0.000 χ^2/NDF : 7585910.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

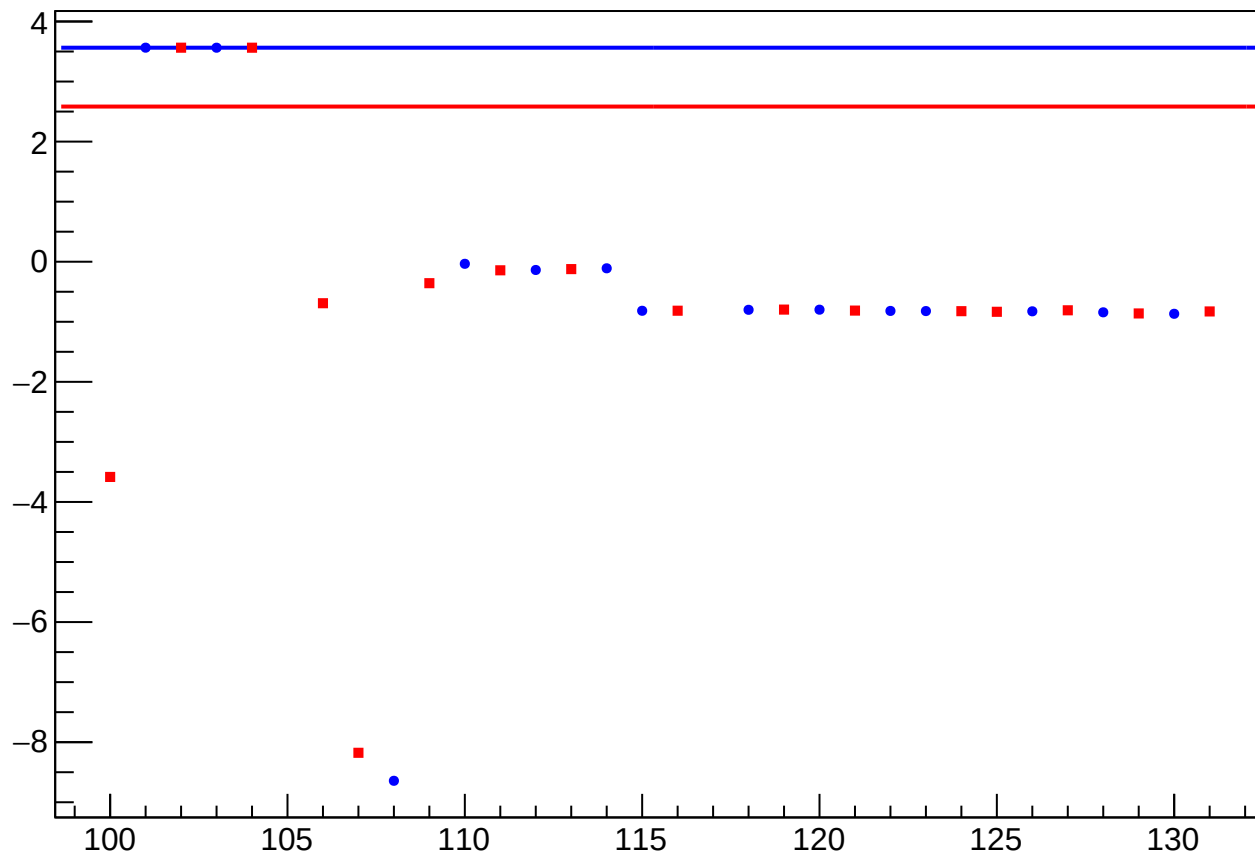
Right: 0.000+/-0.000 χ^2/NDF : 14486919.3/29

In: 0.000+/-0.000 χ^2/NDF : 6900799.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14486919.3/29

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 3.564+/-0.000 χ^2/NDF : 254271165309.9/13

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

Right Out: 2.584+/-0.000 χ^2/NDF : 1253380336084045.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

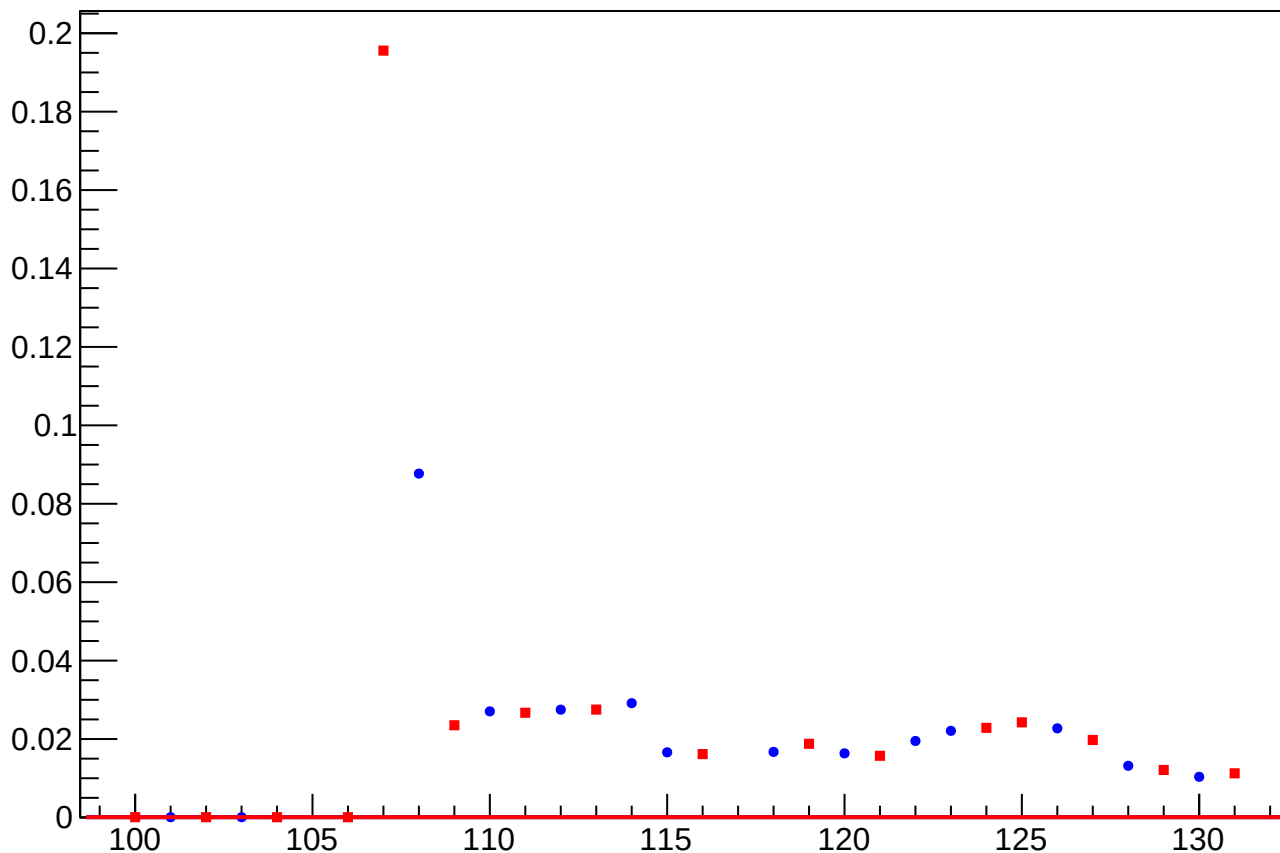
Right: 3.041+/-0.000 χ^2/NDF : 1381922106627500.0

In: 3.564+/-0.000 χ^2/NDF : 254271165309.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.041+/-0.000 χ^2/NDF : 1381922106627500.0

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7394181.0/13

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

Right Out: 0.000+/-0.000 χ^2/NDF : 7973327.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

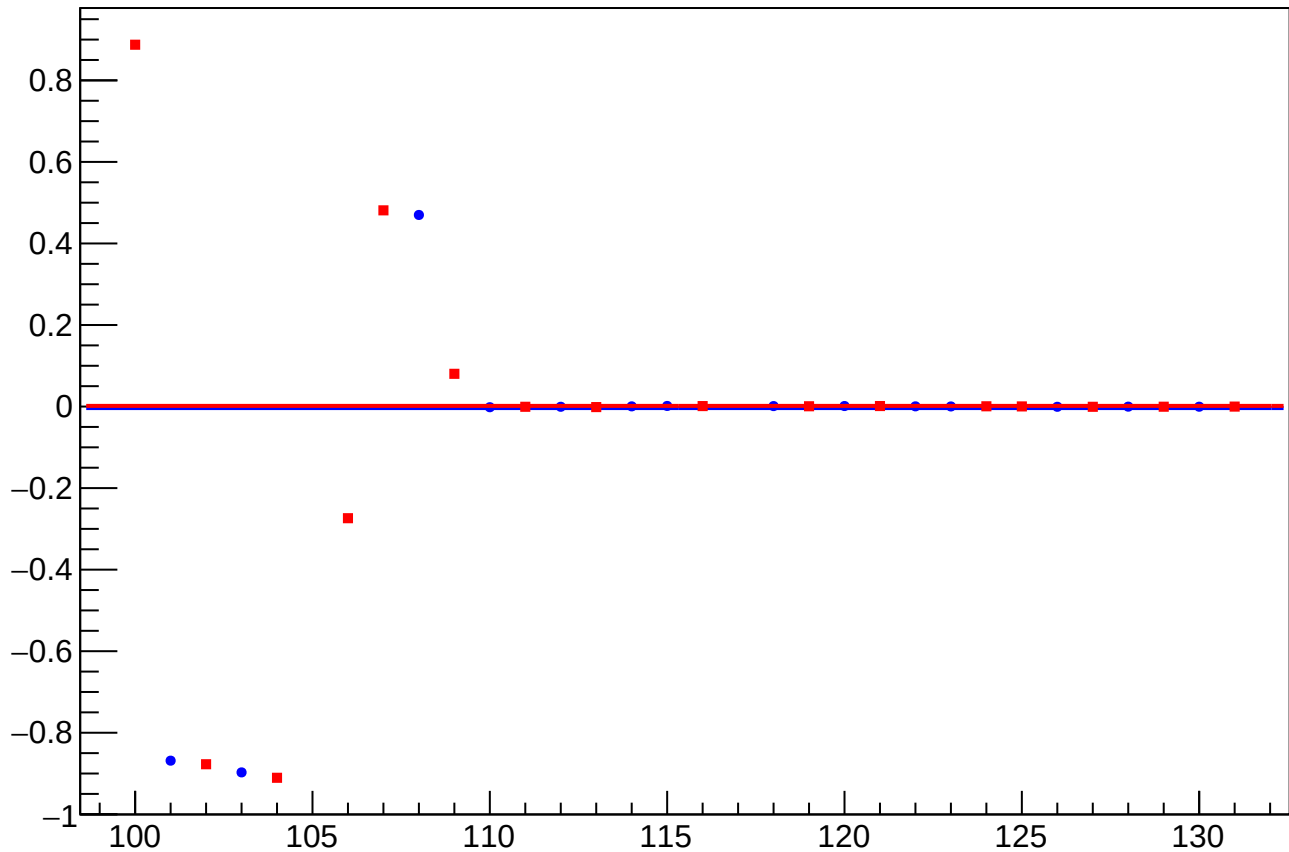
Right: 0.000+/-0.000 χ^2/NDF : 15367721.9/29

In: 0.000+/-0.000 χ^2/NDF : 7394181.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15367721.9/29

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.004+/-0.000 χ^2/NDF : 9787489486.4/13

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3040511658.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

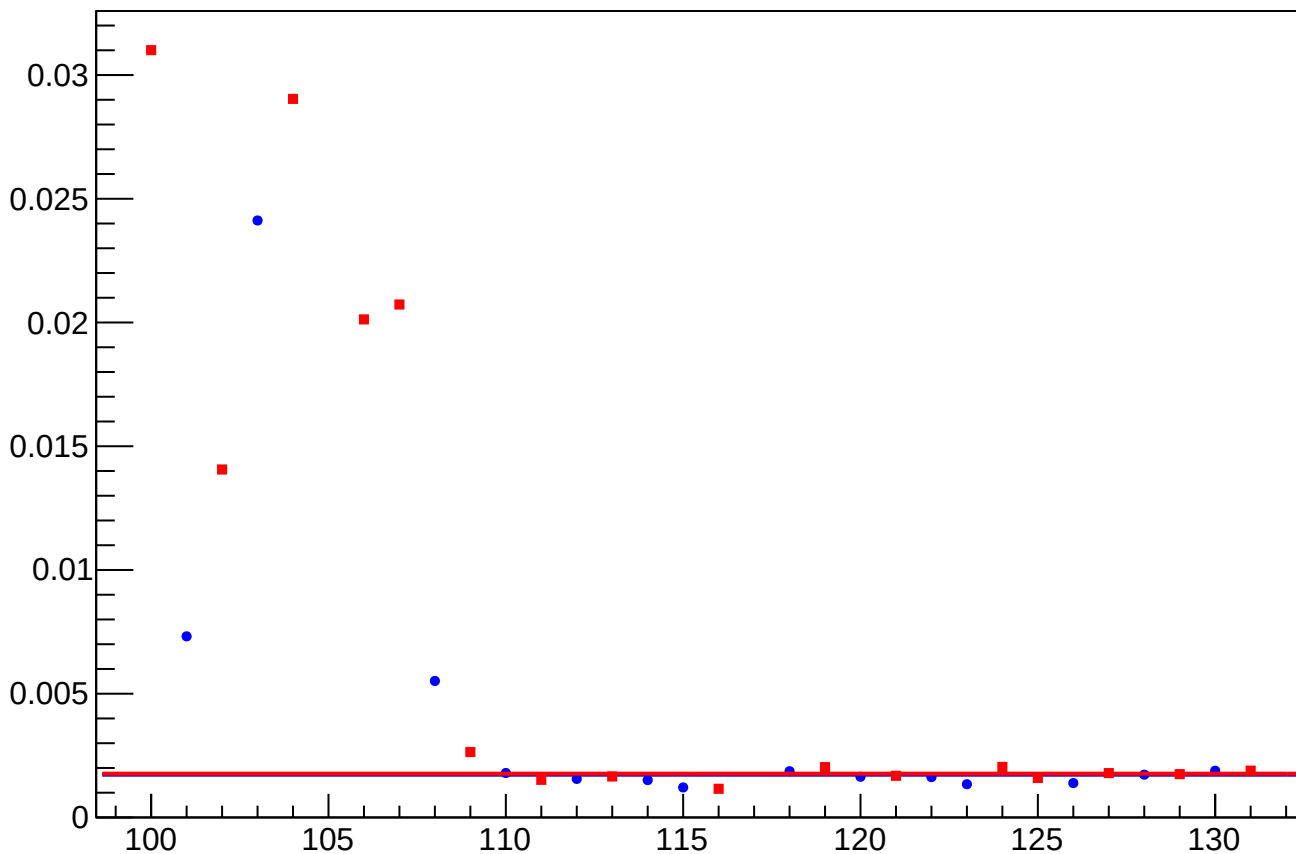
Right: -0.001+/-0.000 χ^2/NDF : 12844789249.4/29

In: -0.004+/-0.000 χ^2/NDF :9787489486.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.001+/-0.000 χ^2/NDF : 12844789249.4/29

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1763119.1/13

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

Right Out: 0.002+/-0.000 χ^2/NDF : 2856171.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

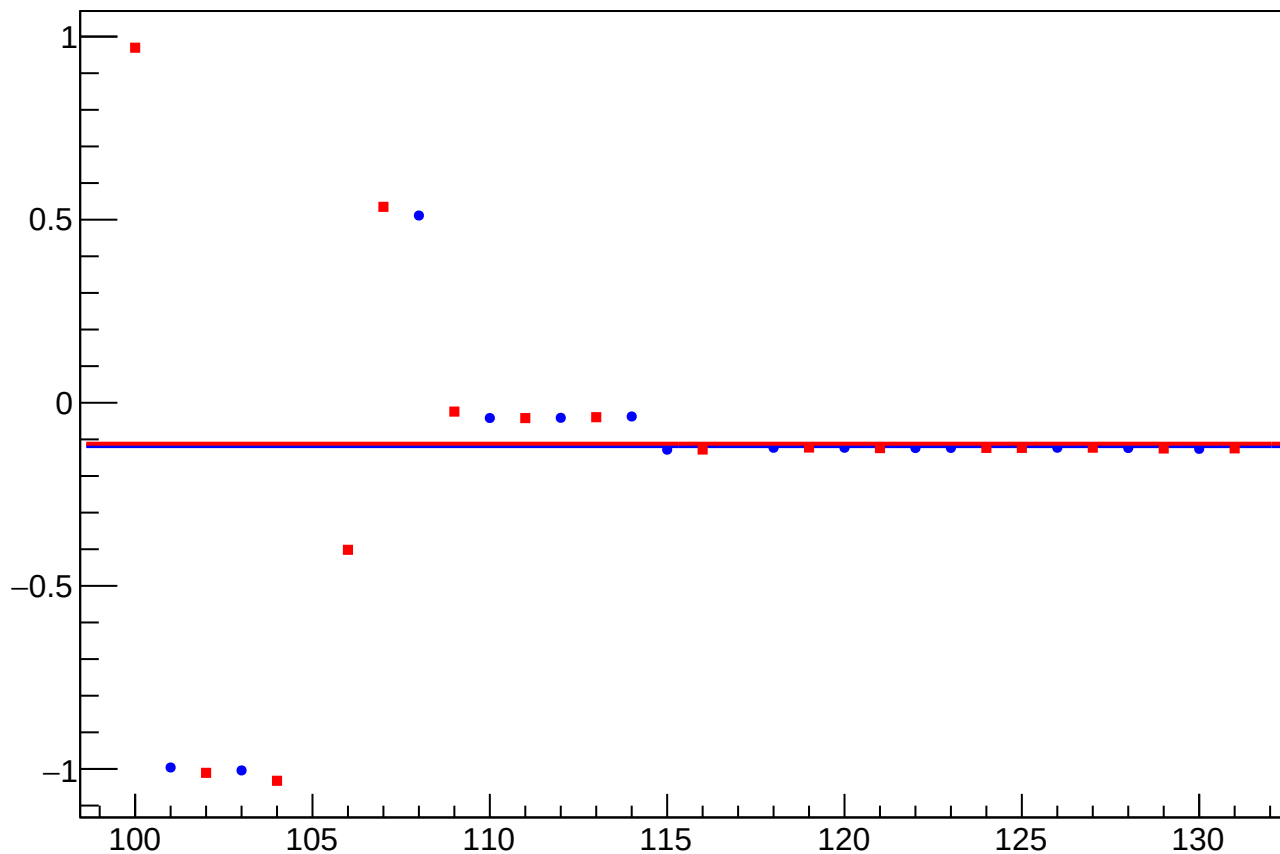
Right: 0.002+/-0.000 χ^2/NDF : 4621174.8/29

In: 0.002+/-0.000 χ^2/NDF : 1763119.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4621174.8/29

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.118+/-0.000 χ^2/NDF : 3920612620.8/13

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

Right Out: -0.112+/-0.000 χ^2/NDF : 2400954425.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

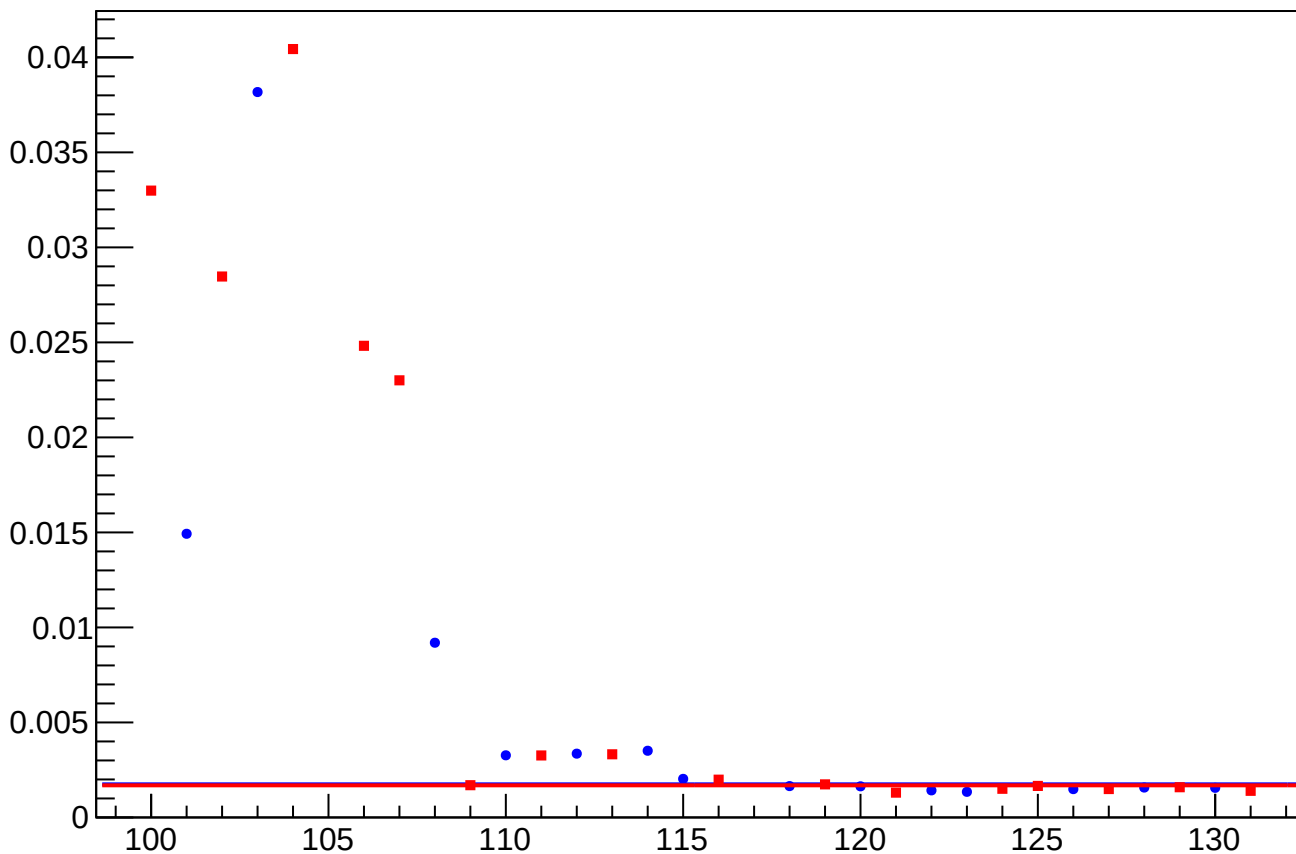
Right: -0.115+/-0.000 χ^2/NDF : 6348258208.7/29

In: -0.118+/-0.000 χ^2/NDF :3920612620.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.115+/-0.000 χ^2/NDF : 6348258208.7/29

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2675212.3/13

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3339556.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

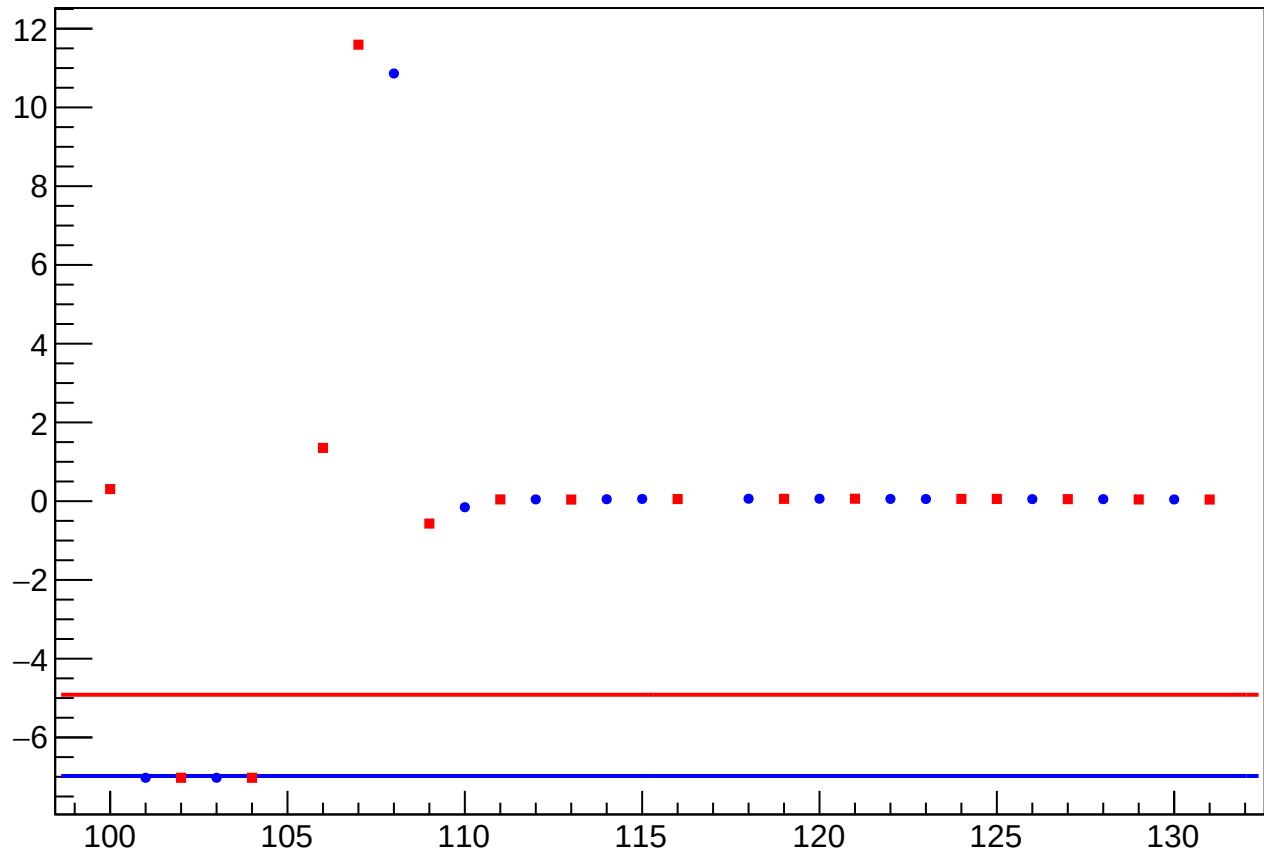
Right: 0.002+/-0.000 χ^2/NDF : 6017964.7/29

In: 0.002+/-0.000 χ^2/NDF :2675212.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

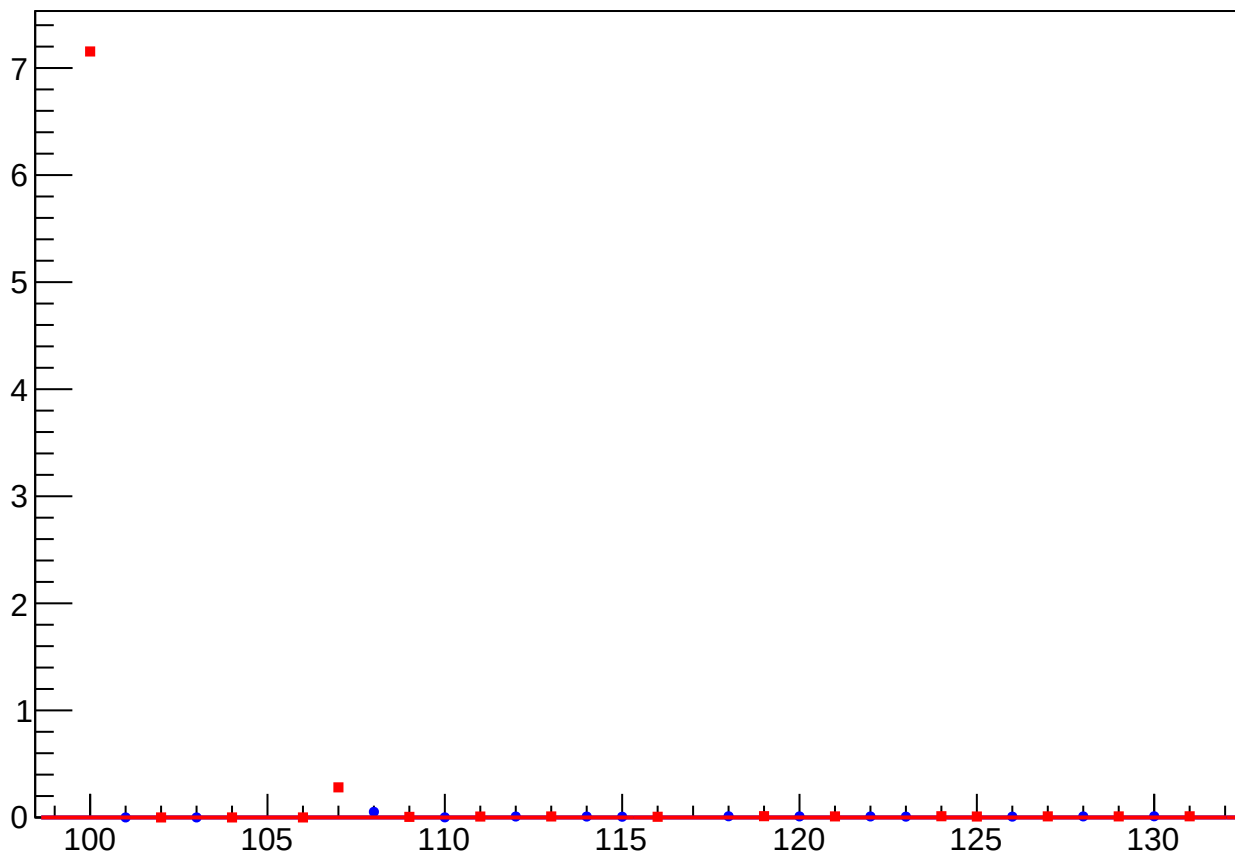
All: 0.002+/-0.000 χ^2/NDF : 6017964.7/29

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -6.979+/-0.000 χ^2/NDF : 7996661297988.6/13
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -4.916+/-0.000 χ^2/NDF : 365072654589886.8/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -5.903+/-0.000 χ^2/NDF : 429357009260764.2

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6183292.7/13

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

Right Out: 0.000+/-0.000 χ^2/NDF : 7039864.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

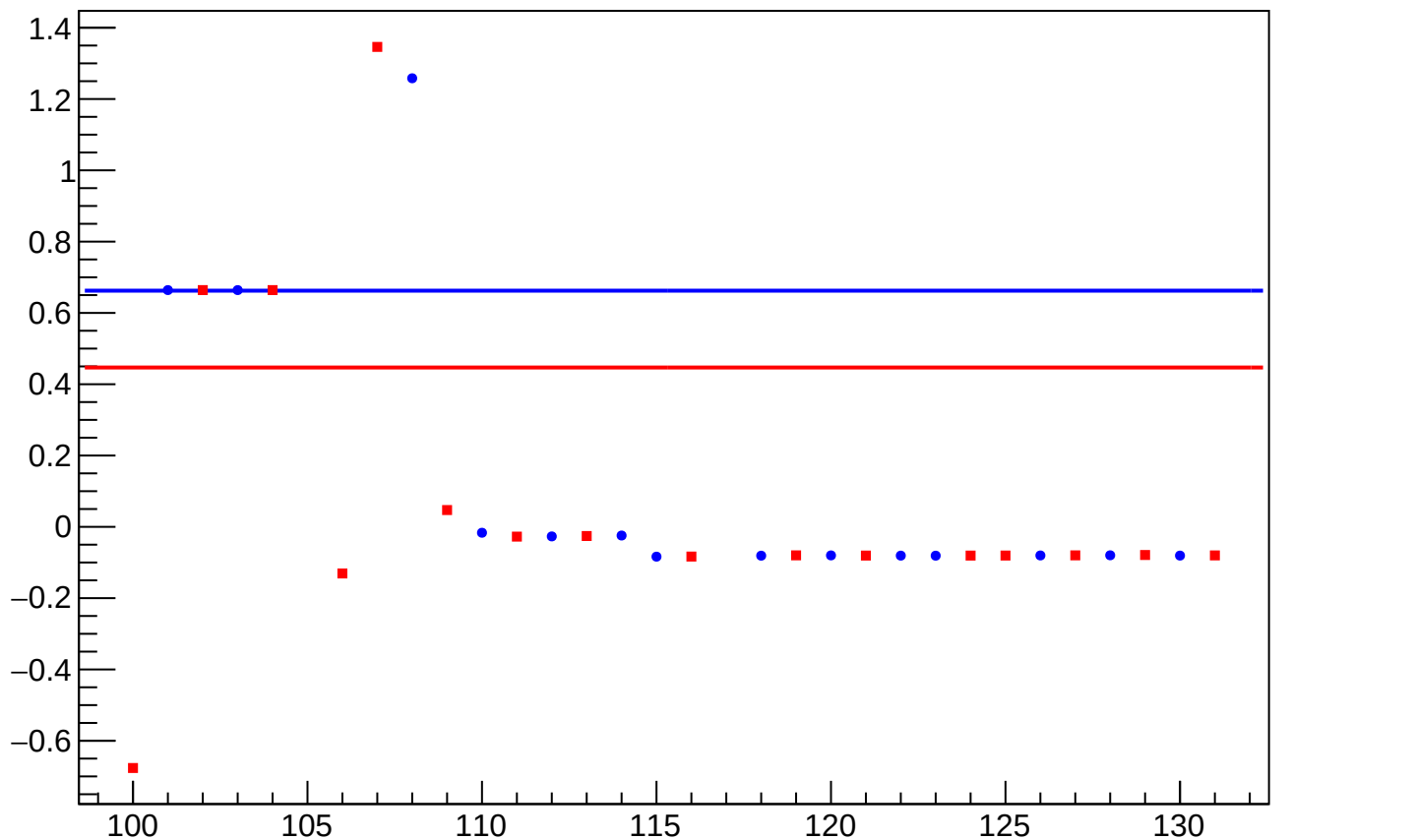
Right: 0.000+/-0.000 χ^2/NDF : 13223258.2/29

In: 0.000+/-0.000 χ^2/NDF : 6183292.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13223258.2/29

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.662+/-0.000 χ^2/NDF : 3159874309604.3/13

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

Right Out: 0.447+/-0.000 χ^2/NDF : 404389579453911.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

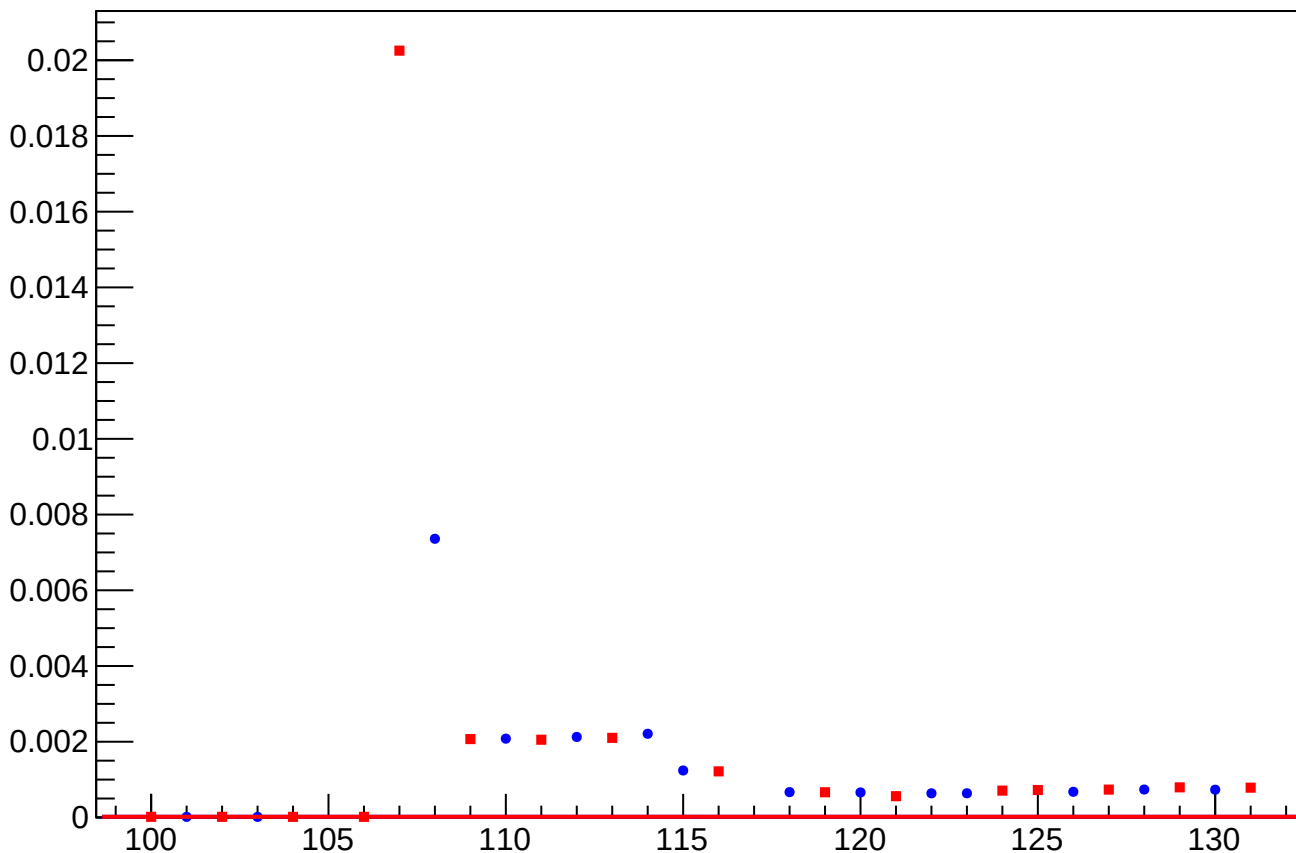
Right: 0.550+/-0.000 χ^2/NDF : 470718688750081.7

In: 0.662+/-0.000 χ^2/NDF : 3159874309604.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.550+/-0.000 χ^2/NDF : 470718688750081.7

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7483220.7/13

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

Right Out: 0.000+/-0.000 χ^2/NDF : 7561146.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

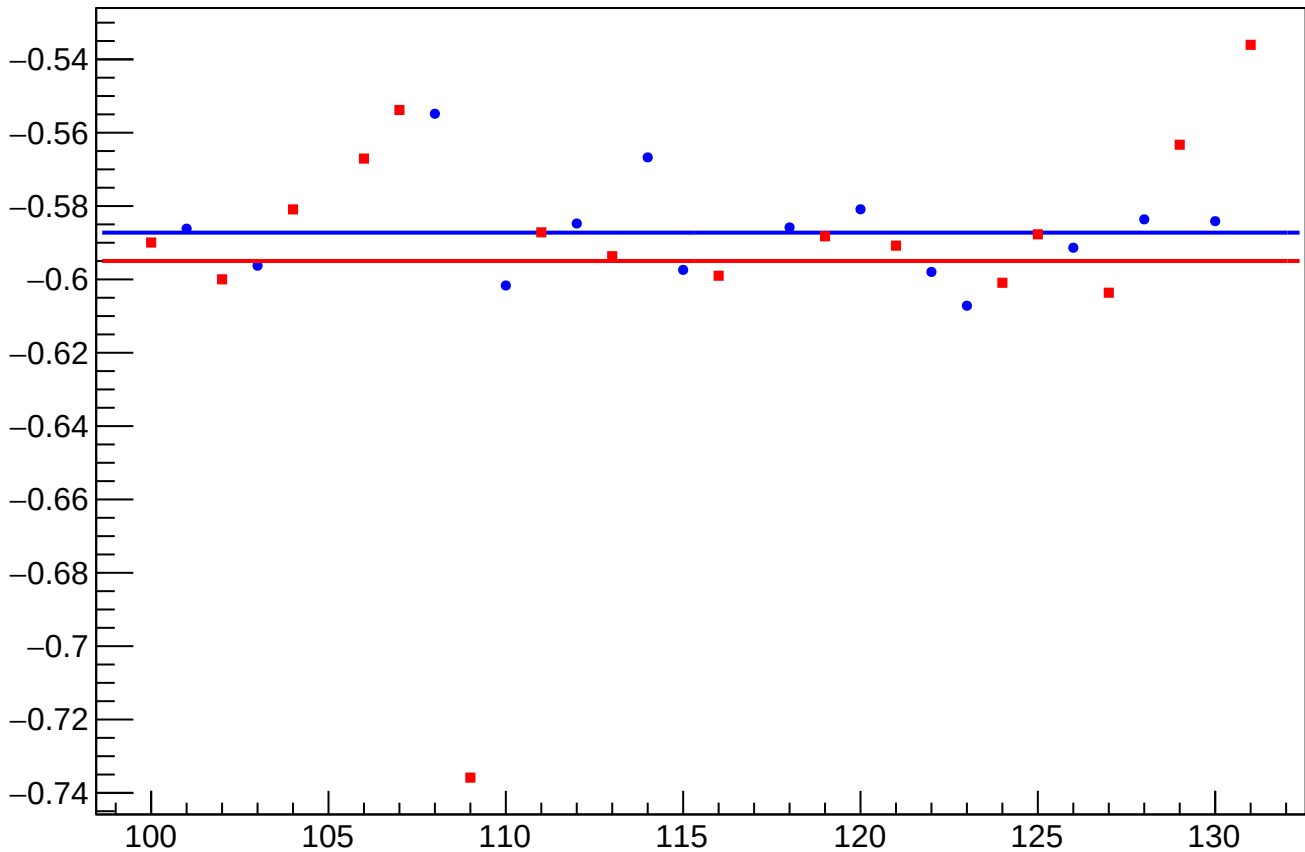
Right: 0.000+/-0.000 χ^2/NDF : 15044424.4/29

In: 0.000+/-0.000 χ^2/NDF : 7483220.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15044424.4/29

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.587+/-0.000 χ^2/NDF : 669327.2/13

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

Right Out: -0.595+/-0.000 χ^2/NDF : 12833575.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

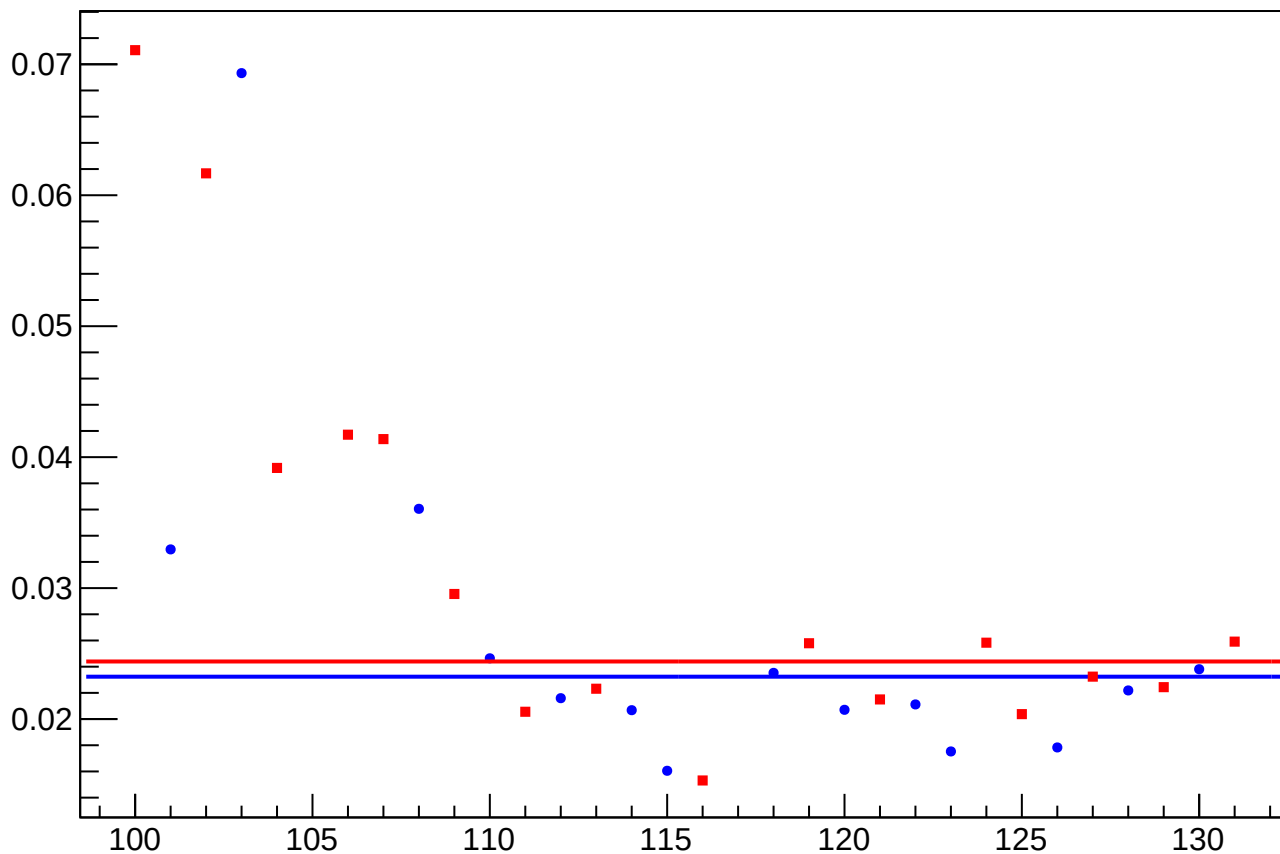
Right: -0.591+/-0.000 χ^2/NDF : 13728642.8/29

In: -0.587+/-0.000 χ^2/NDF :669327.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.591+/-0.000 χ^2/NDF : 13728642.8/29

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 783783.9/13

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

Right Out: 0.024+/-0.000 χ^2/NDF : 939253.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

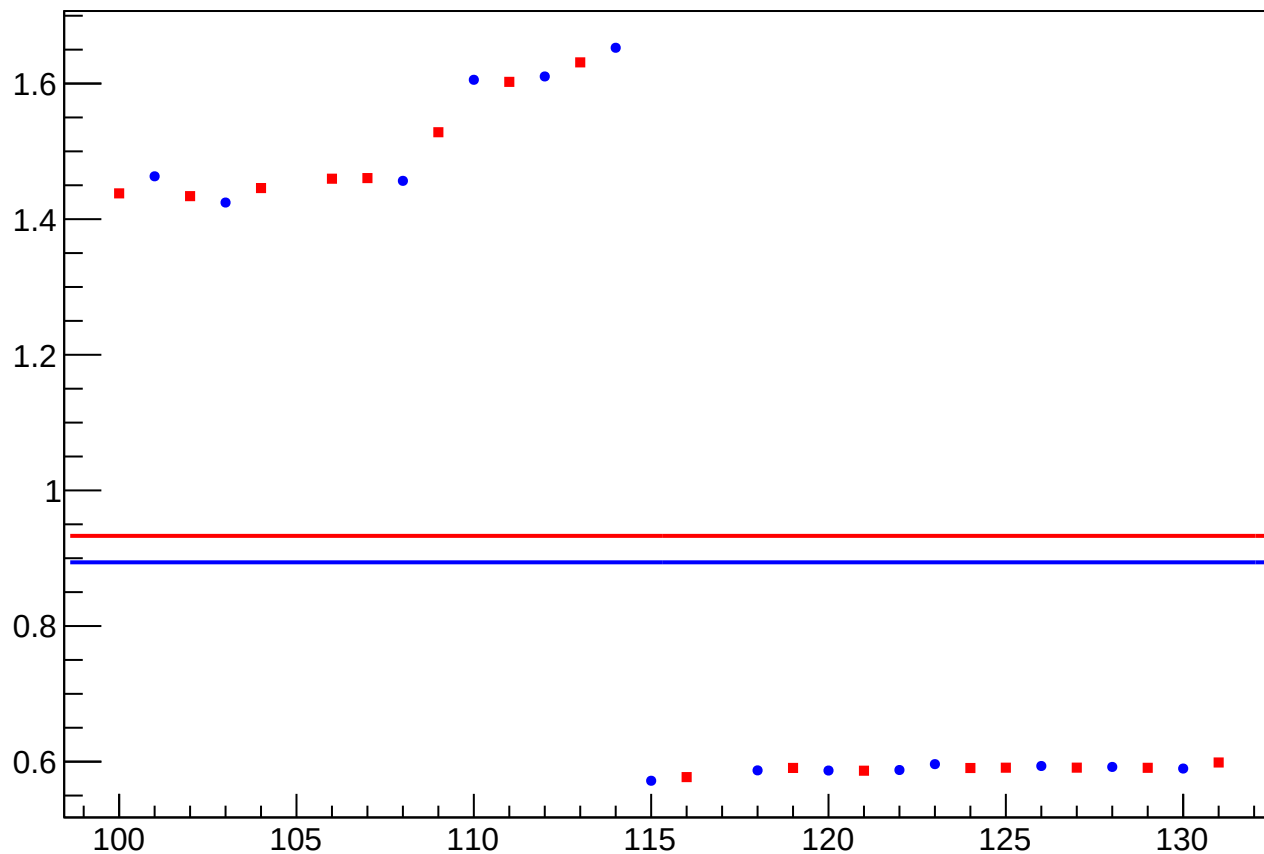
Right: 0.024+/-0.000 χ^2/NDF : 1733220.2/29

In: 0.023+/-0.000 χ^2/NDF : 783783.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1733220.2/29

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.894+/-0.000 χ^2/NDF : 3066186465.3/13

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

Right Out: 0.933+/-0.000 χ^2/NDF : 3557252561.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

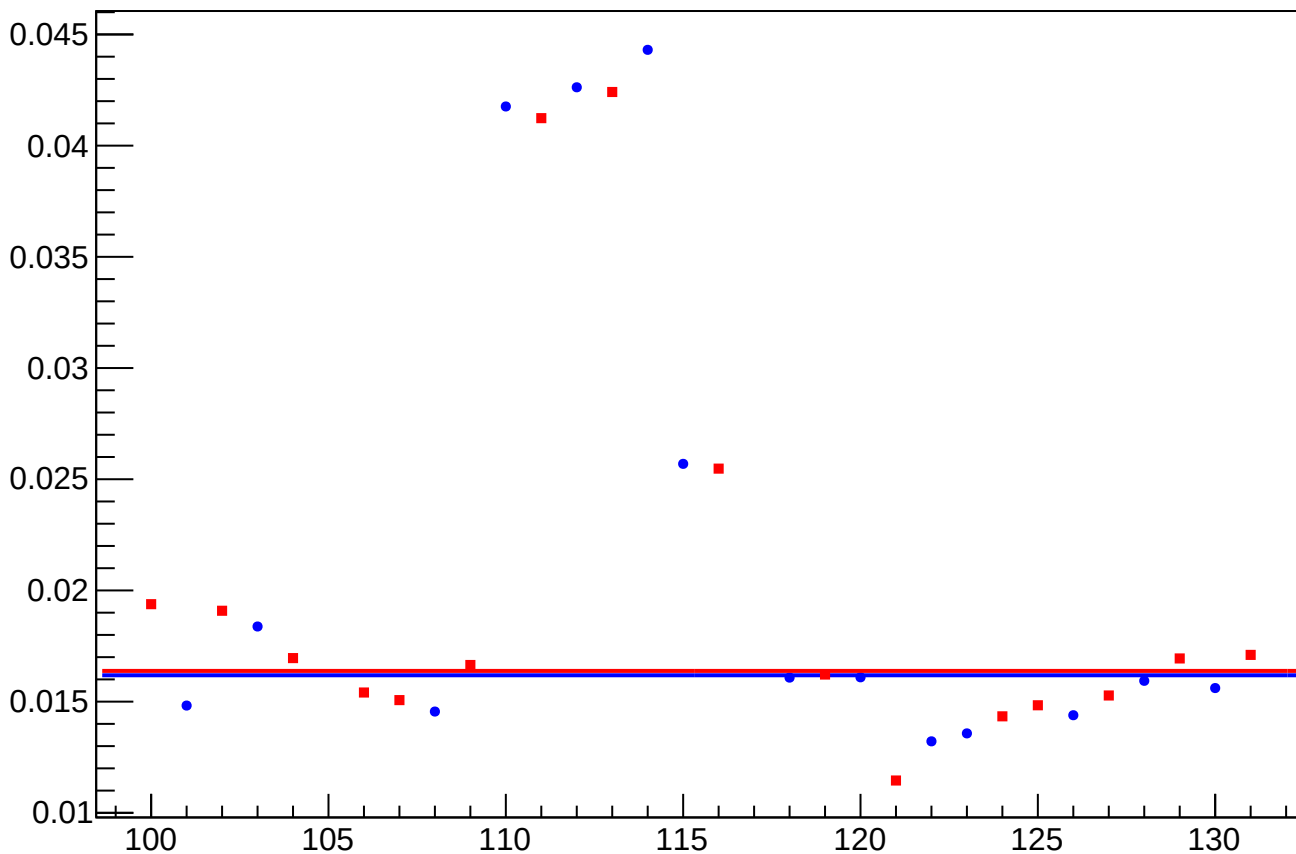
Right: 0.914+/-0.000 χ^2/NDF : 6637382766.5/29

In: 0.894+/-0.000 χ^2/NDF :3066186465.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.914+/-0.000 χ^2/NDF : 6637382766.5/29

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 790965.2/13

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

Right Out: 0.016+/-0.000 χ^2/NDF : 870386.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

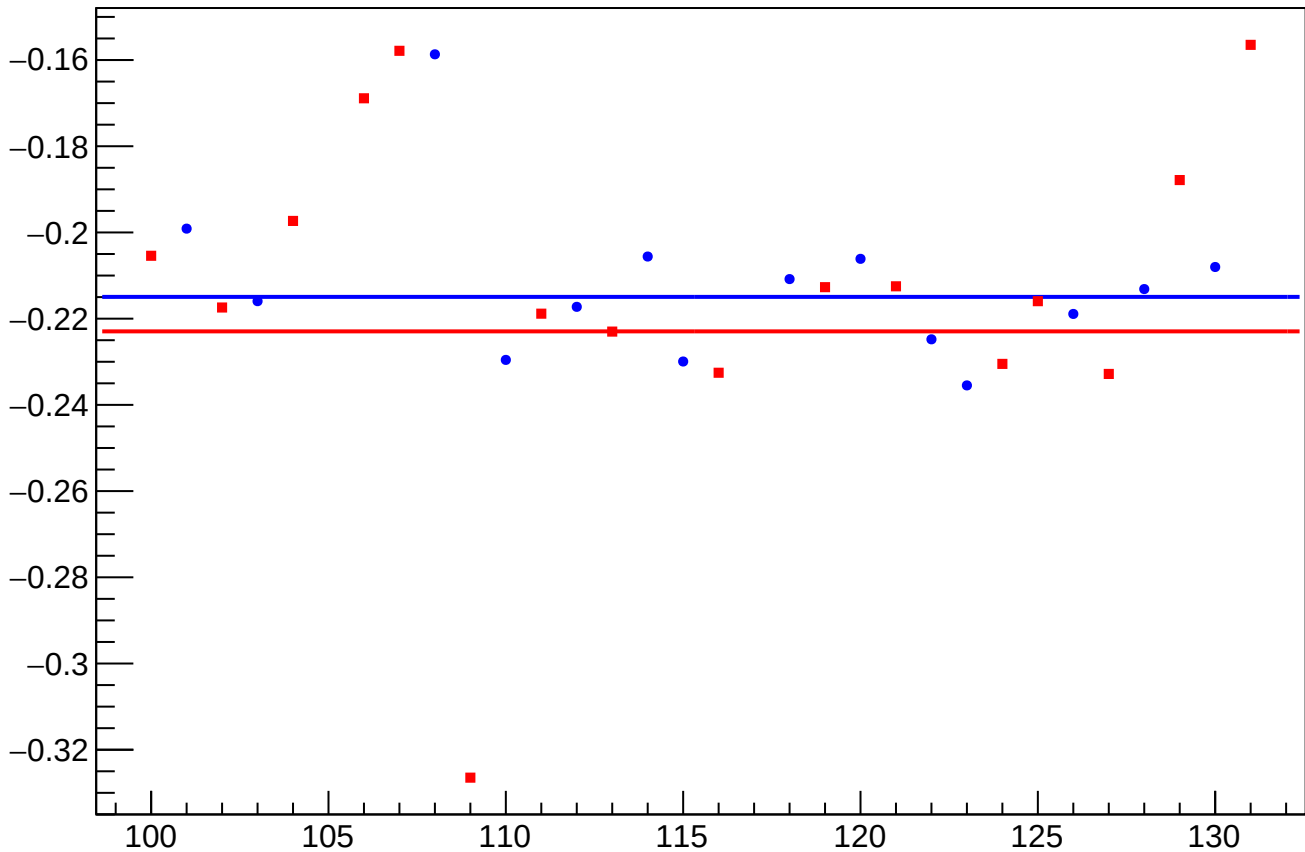
Right: 0.016+/-0.000 χ^2/NDF : 1662056.1/29

In: 0.016+/-0.000 χ^2/NDF : 790965.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 1662056.1/29

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.215+/-0.000 χ^2/NDF : 1501163.1/13

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

Right Out: -0.223+/-0.000 χ^2/NDF : 15314262.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

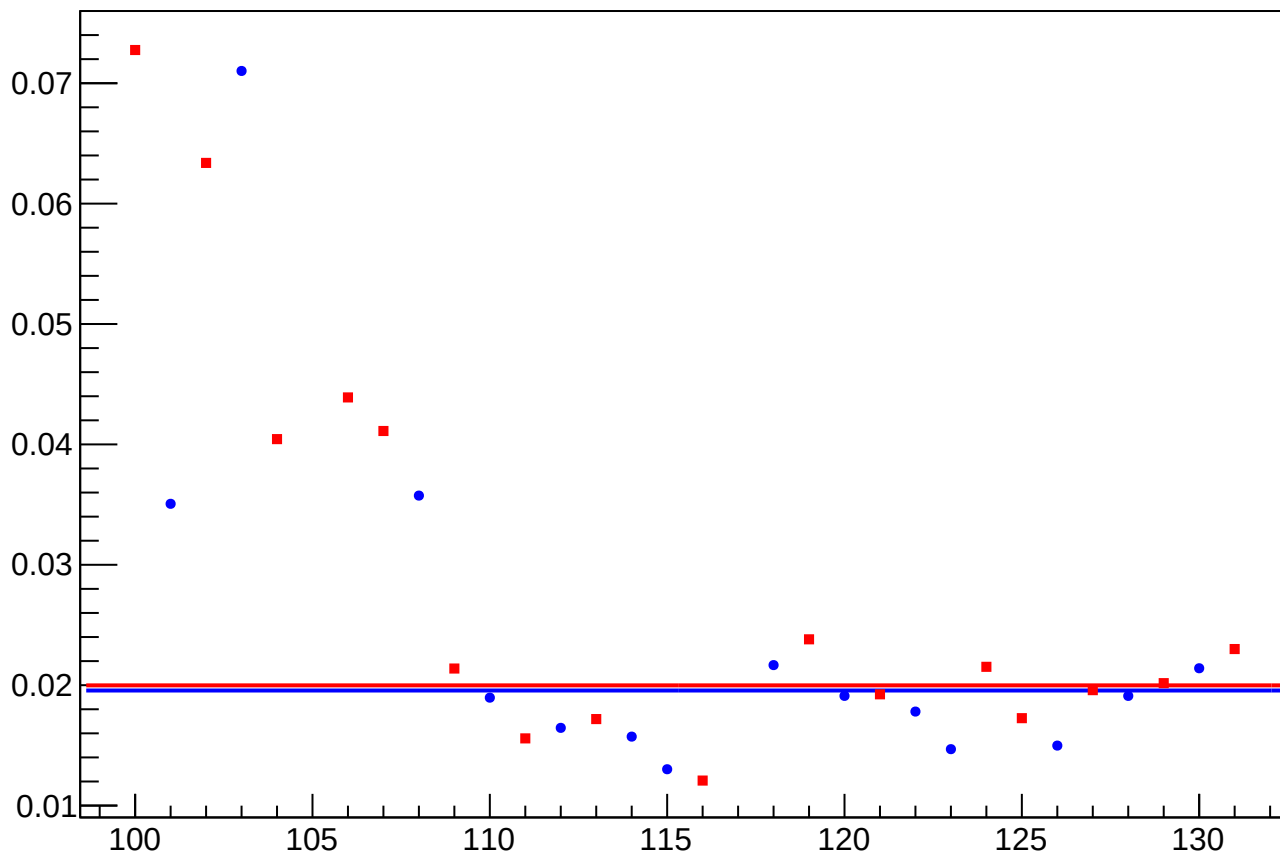
Right: -0.219+/-0.000 χ^2/NDF : 17153477.0/29

In: -0.215+/-0.000 χ^2/NDF :1501163.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.219+/-0.000 χ^2/NDF : 17153477.0/29

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1080859.1/13

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

Right Out: 0.020+/-0.000 χ^2/NDF : 1315499.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

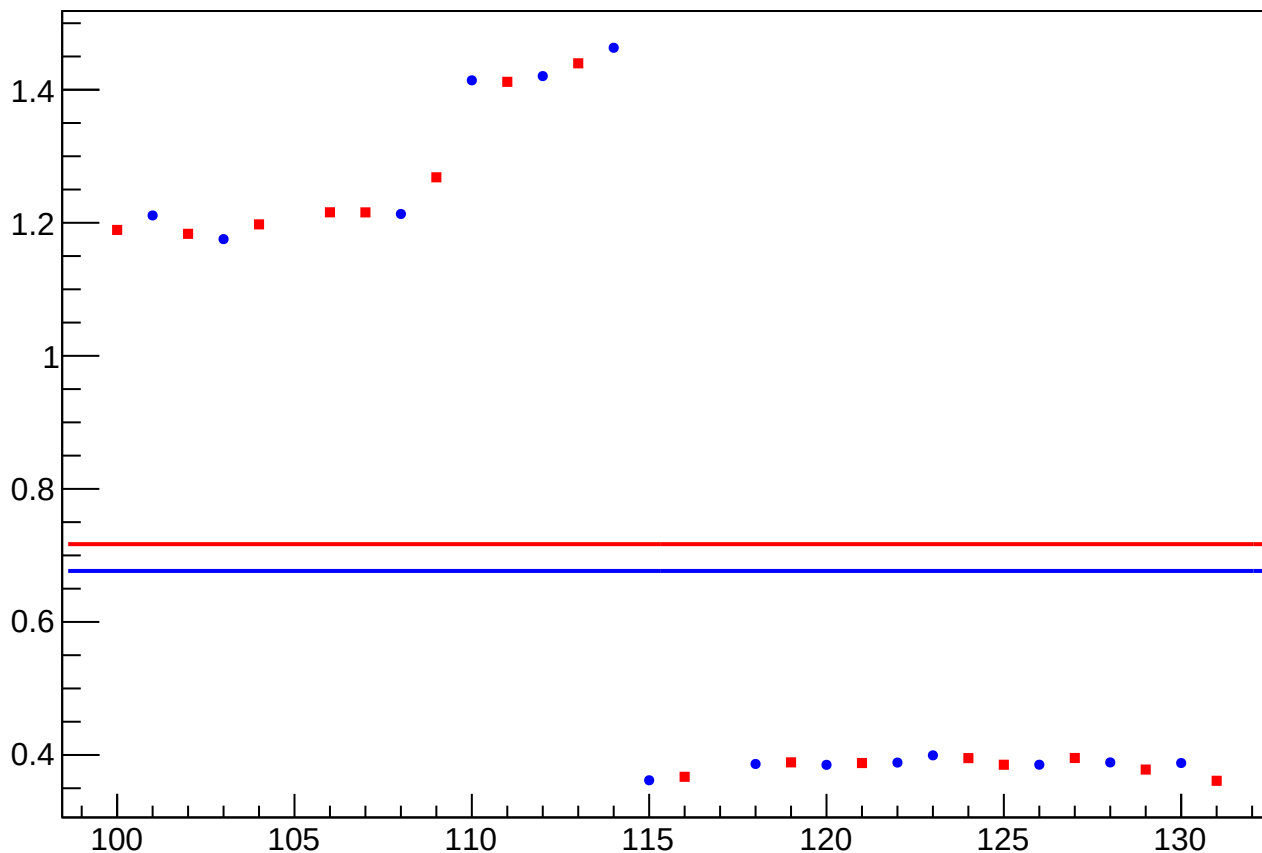
Right: 0.020+/-0.000 χ^2/NDF : 2398282.0/29

In: 0.020+/-0.000 χ^2/NDF :1080859.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.020+/-0.000 χ^2/NDF : 2398282.0/29

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.677+/-0.000

χ^2/NDF : 4045742654.0/13

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.697+/-0.000 χ^2/NDF : 8480231001.5/29

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.677+/-0.000 χ^2/NDF : 4045742654.0/13

Right Out: 0.717+/-0.000 χ^2/NDF : 4413454996.4/15

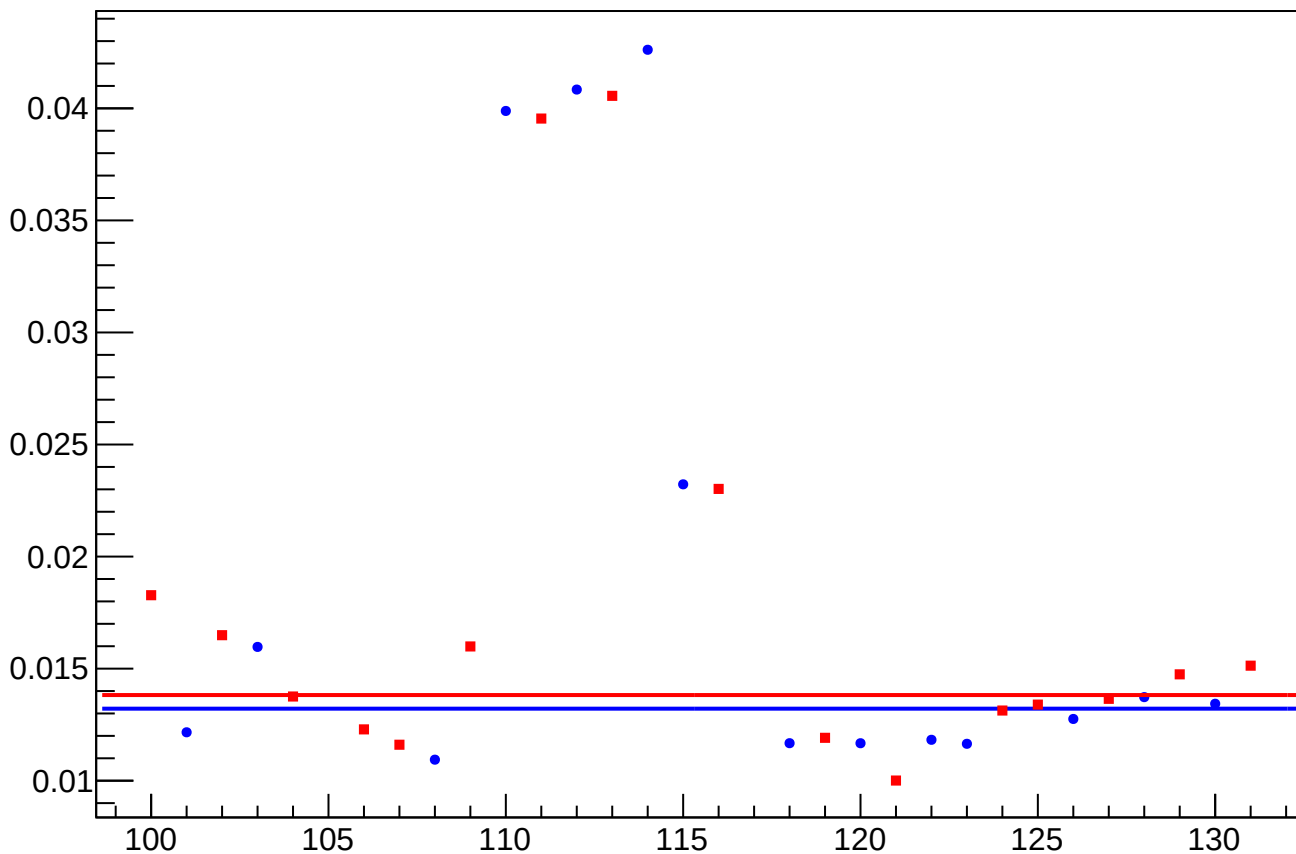
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.697+/-0.000 χ^2/NDF : 8480231001.5/29

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 947406.9/13

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

Right Out: 0.014+/-0.000 χ^2/NDF : 1012092.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

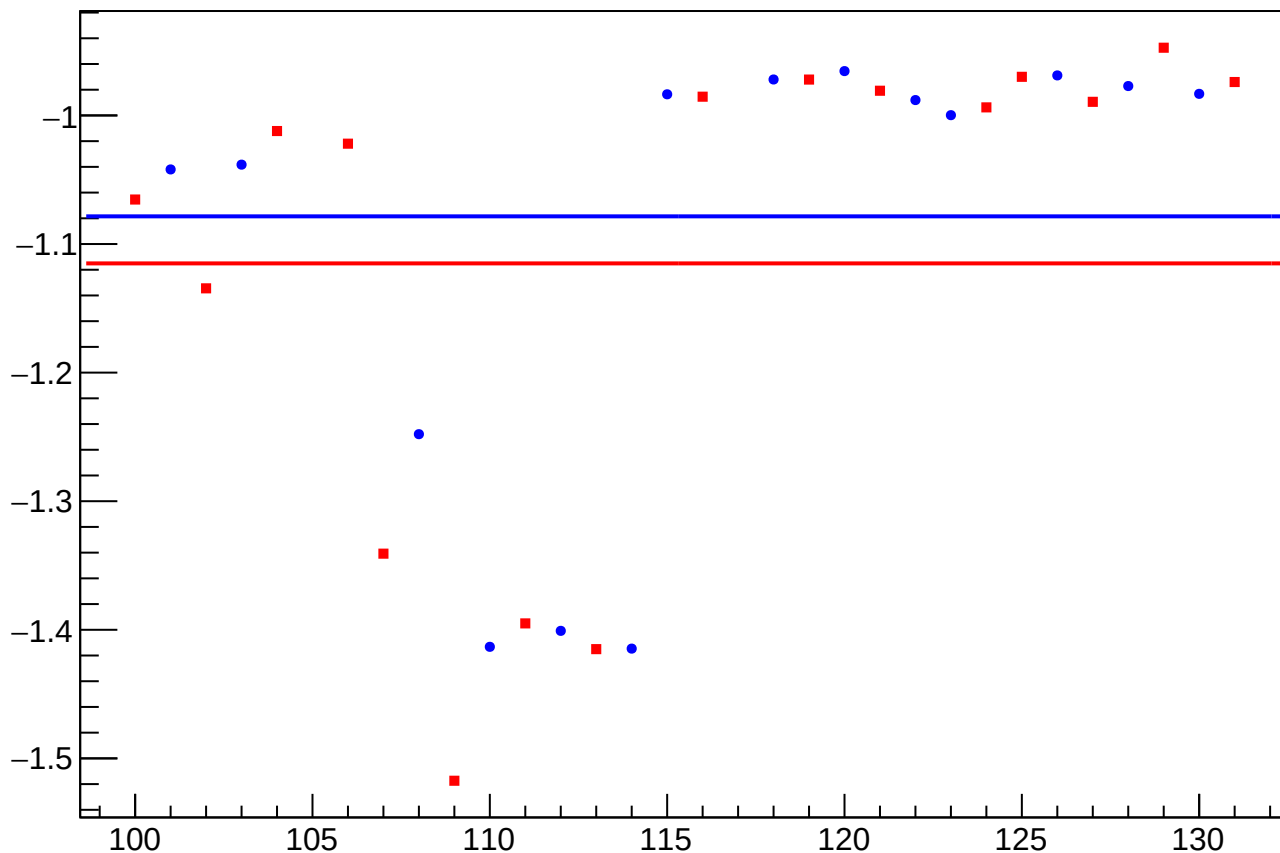
Right: 0.014+/-0.000 χ^2/NDF : 1969075.6/29

In: 0.013+/-0.000 χ^2/NDF : 947406.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 1969075.6/29

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.078+/-0.000 χ^2/NDF : 235848660.3/13

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

Right Out: -1.115+/-0.000 χ^2/NDF : 333855271.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

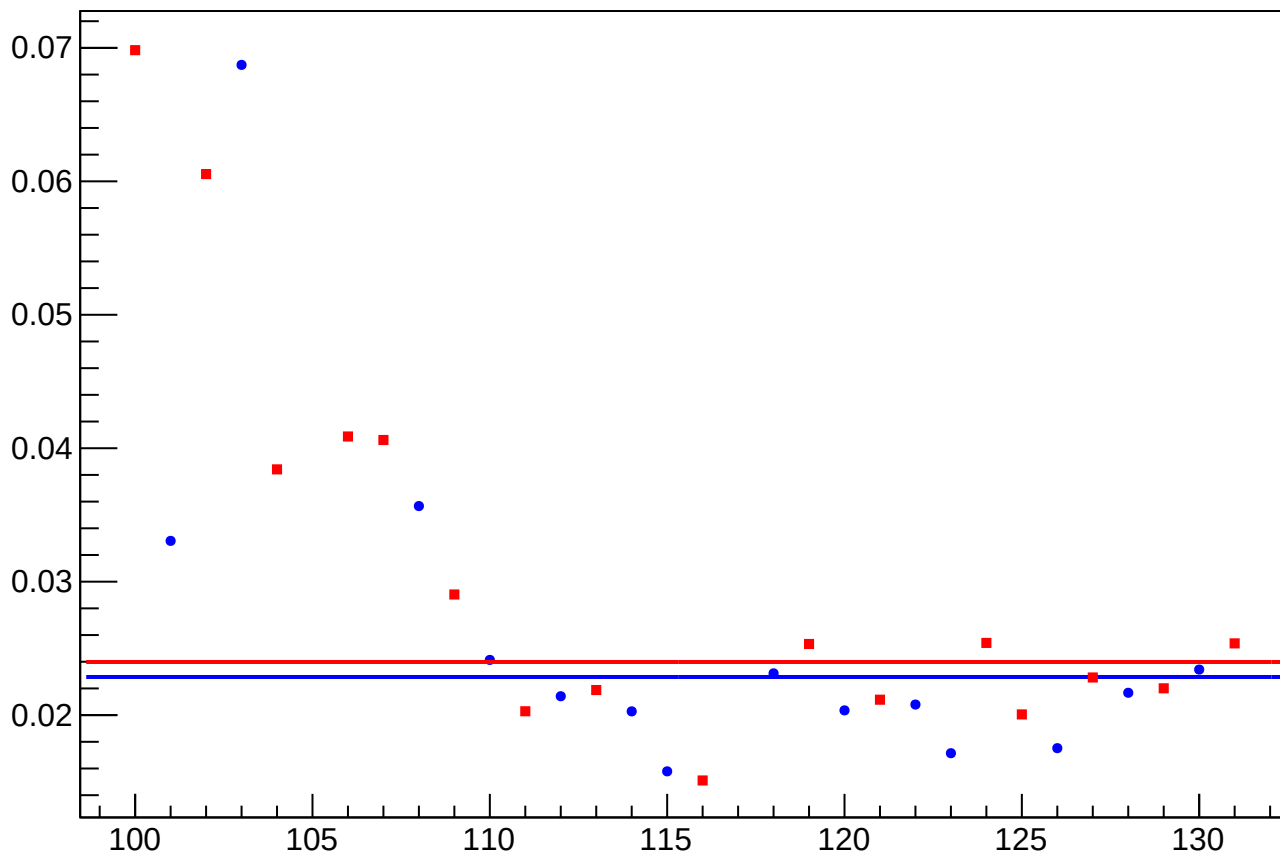
Right: -1.097+/-0.000 χ^2/NDF : 574922723.0/29

In: -1.078+/-0.000 χ^2/NDF :235848660.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.097+/-0.000 χ^2/NDF : 574922723.0/29

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 795727.4/13

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

Right Out: 0.024+/-0.000 χ^2/NDF : 932351.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

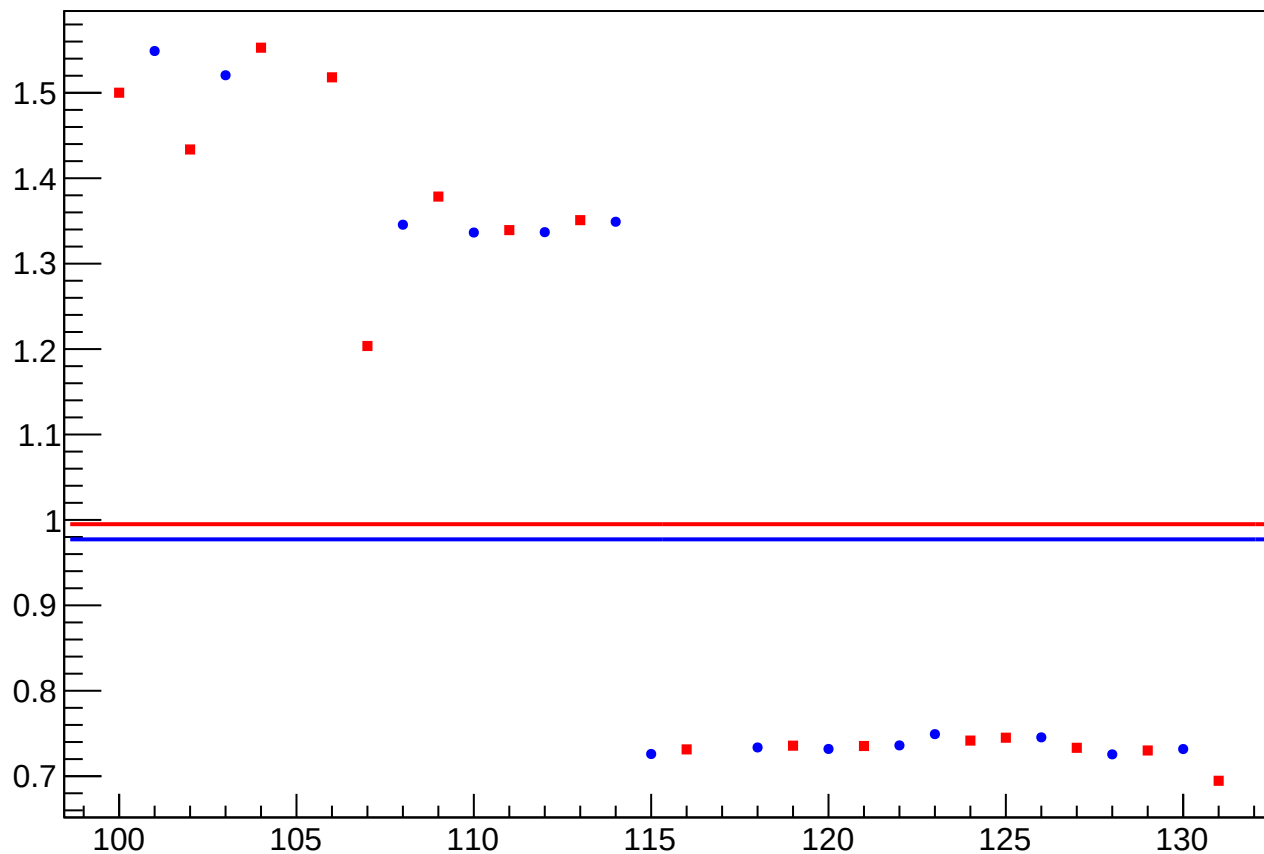
Right: 0.023+/-0.000 χ^2/NDF : 1737938.4/29

In: 0.023+/-0.000 χ^2/NDF : 795727.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.000 χ^2/NDF : 1737938.4/29

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 0.977+/-0.000 χ^2/NDF : 2058728784.1/13

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

Right Out: 0.995+/-0.000 χ^2/NDF : 2170556073.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

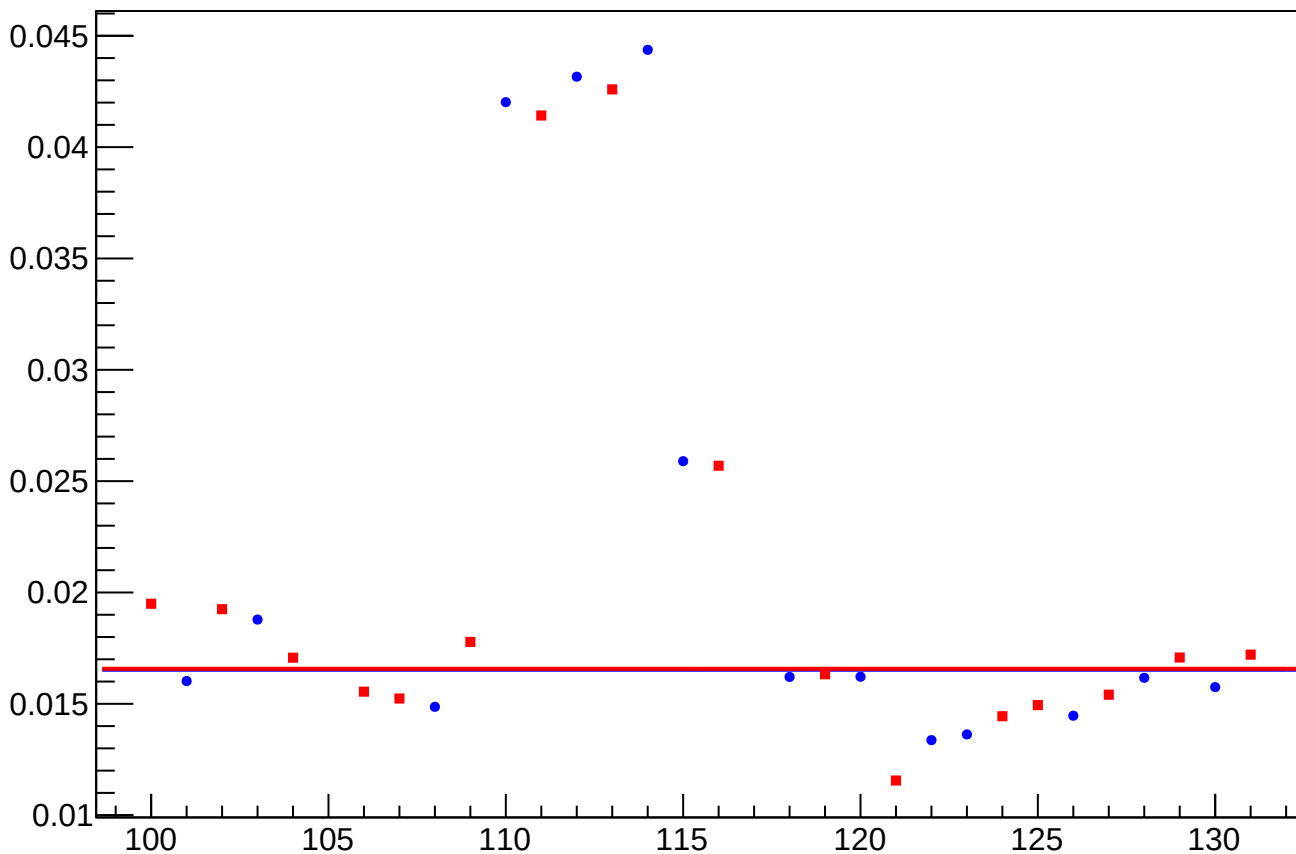
Right: 0.987+/-0.000 χ^2/NDF : 4232068182.2/29

In: 0.977+/-0.000 χ^2/NDF :2058728784.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.987+/-0.000 χ^2/NDF : 4232068182.2/29

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 781835.1/13

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

Right Out: 0.017+/-0.000 χ^2/NDF : 869616.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

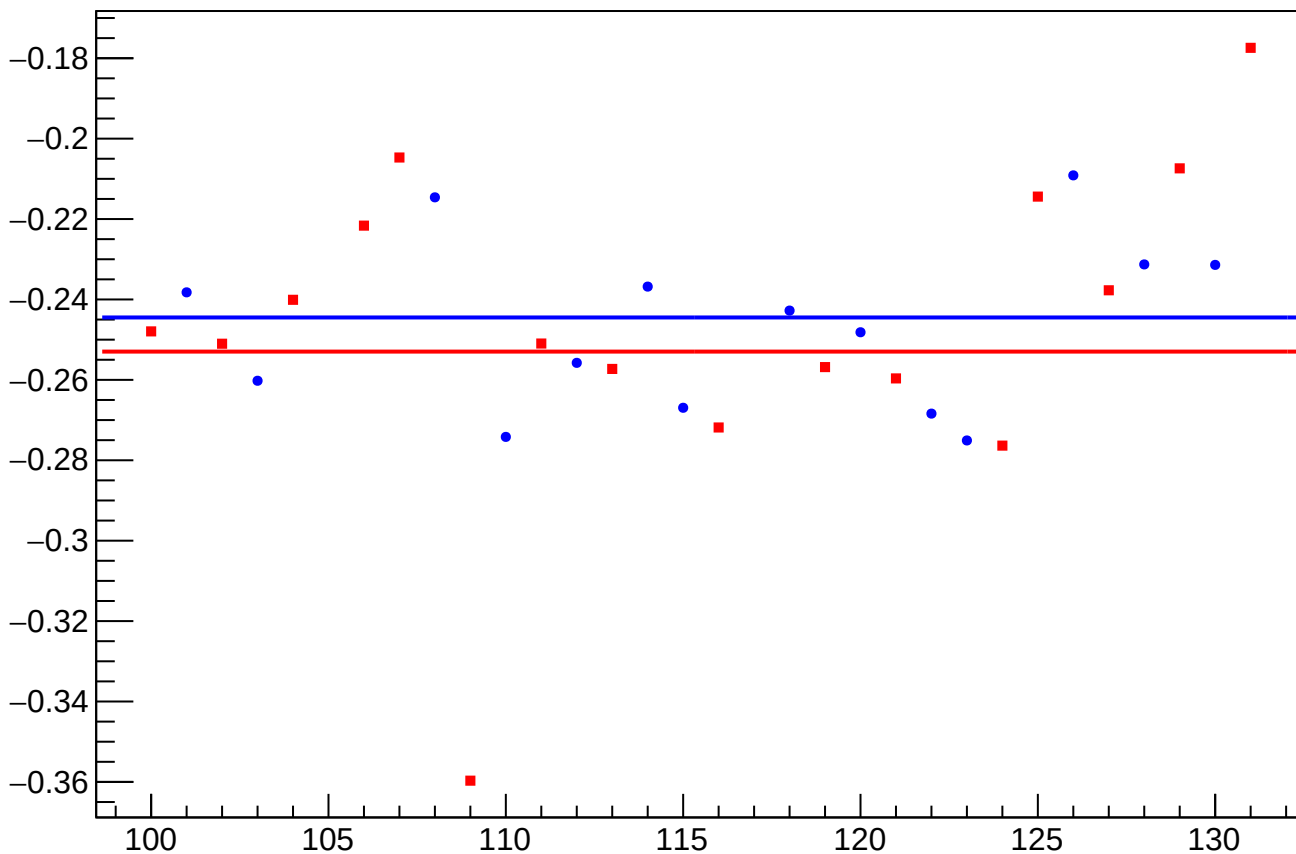
Right: 0.017+/-0.000 χ^2/NDF : 1651484.6/29

In: 0.017+/-0.000 χ^2/NDF : 781835.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.000 χ^2/NDF : 1651484.6/29

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.244+/-0.000 χ^2/NDF : 4114866.4/13

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

Right Out: -0.253+/-0.000 χ^2/NDF : 18325532.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

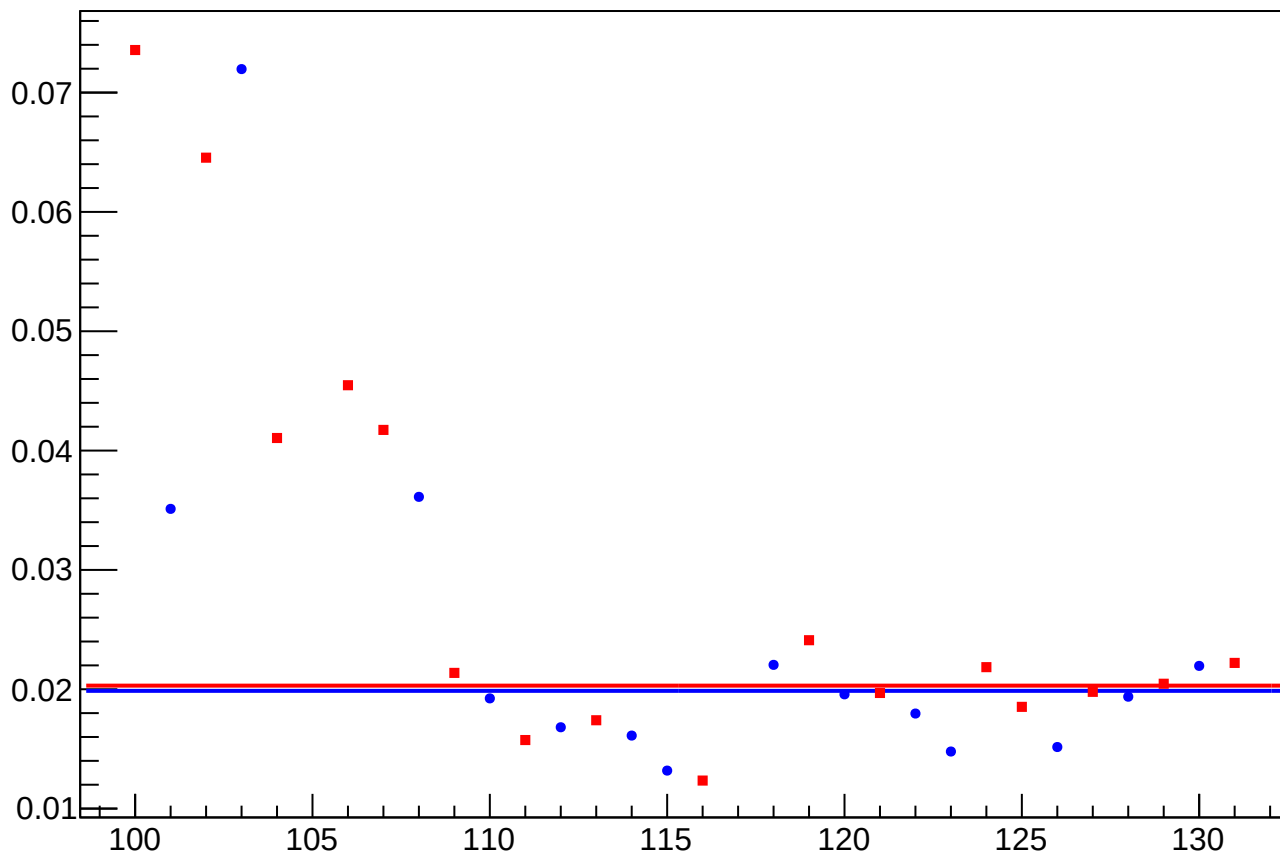
Right: -0.249+/-0.000 χ^2/NDF : 22809753.2/29

In: -0.244+/-0.000 χ^2/NDF : 4114866.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.249+/-0.000 χ^2/NDF : 22809753.2/29

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1070897.9/13

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

Right Out: 0.020+/-0.000 χ^2/NDF : 1306837.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

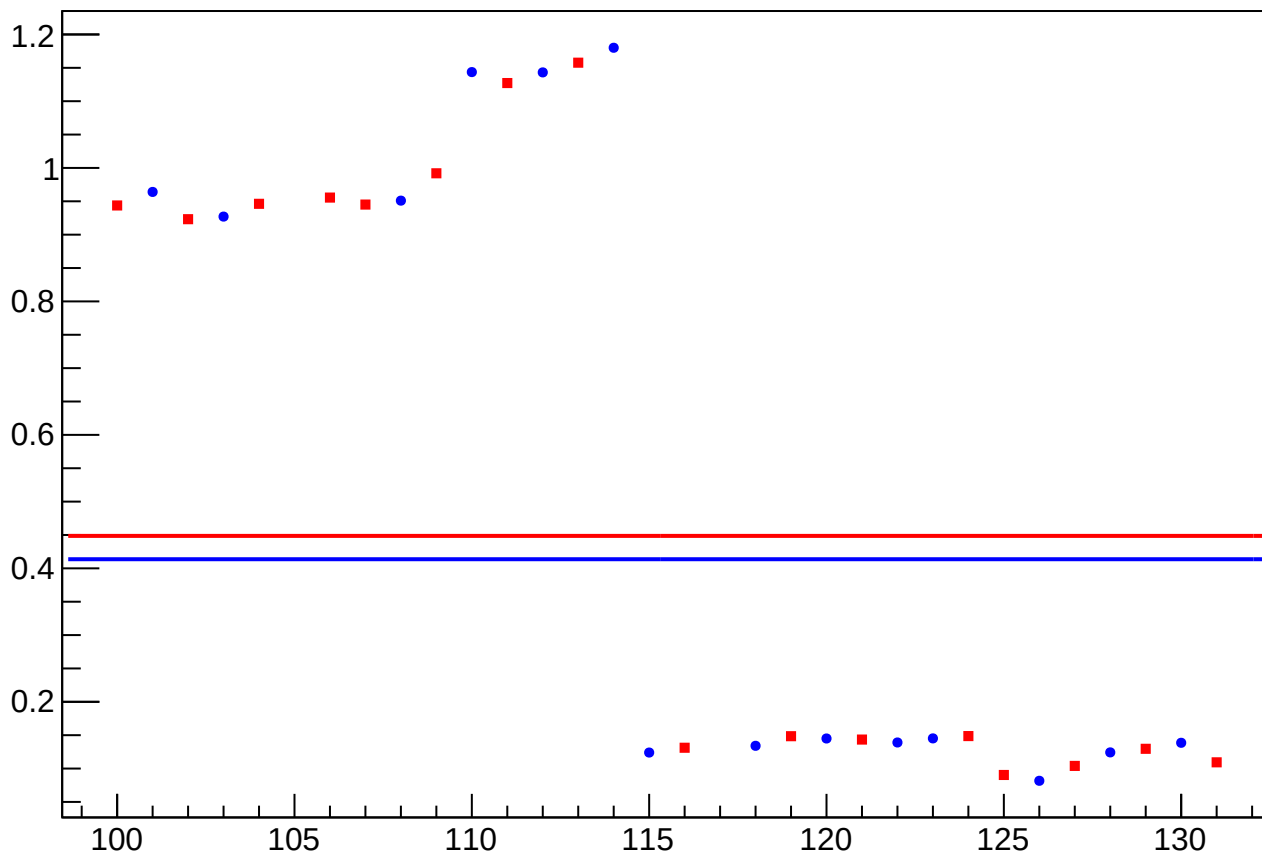
Right: 0.020+/-0.000 χ^2/NDF : 2379690.4/29

In: 0.020+/-0.000 χ^2/NDF :1070897.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.020+/-0.000 χ^2/NDF : 2379690.4/29

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.414+/-0.000 χ^2/NDF : 4120285111.4/13

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

Right Out: 0.449+/-0.000 χ^2/NDF : 4365443823.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

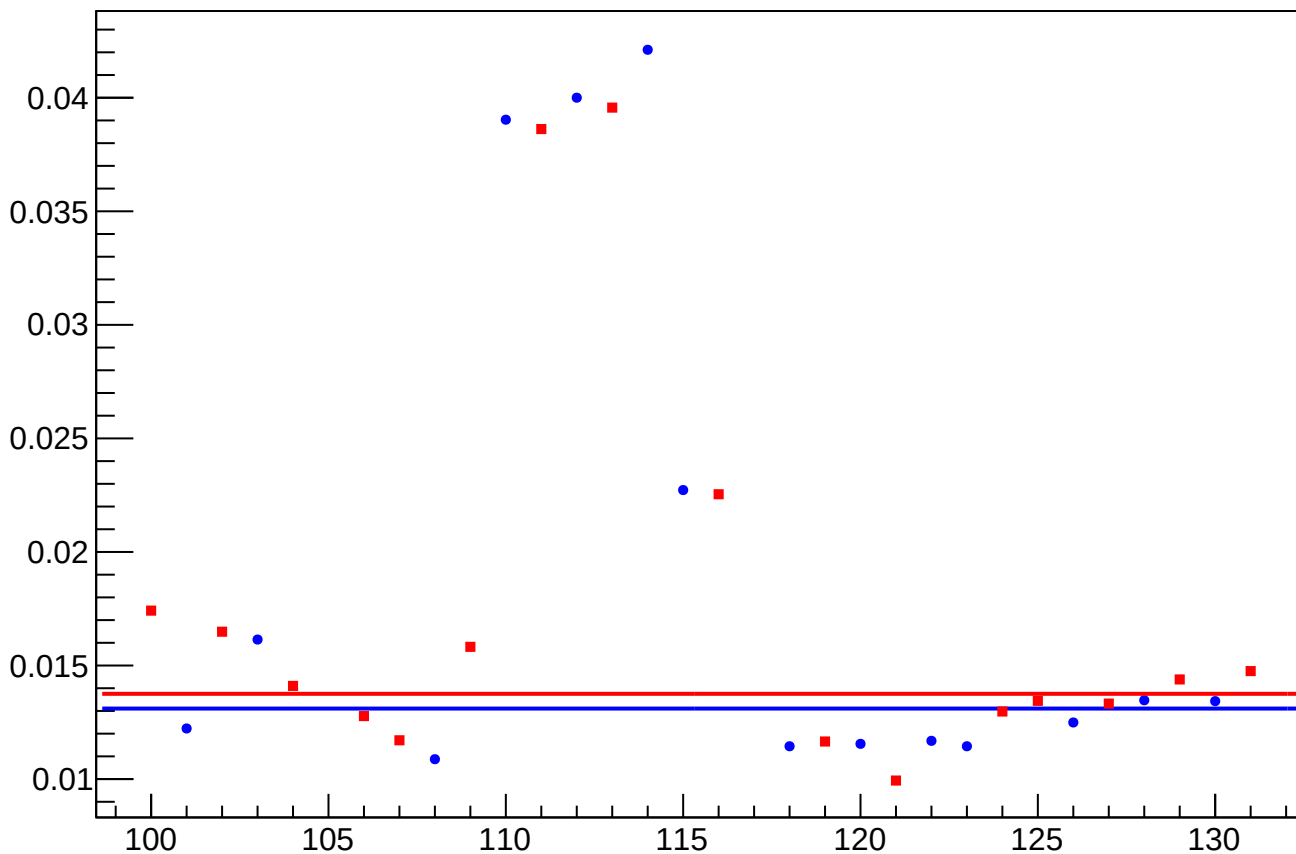
Right: 0.431+/-0.000 χ^2/NDF : 8501809463.6/29

In: 0.414+/-0.000 χ^2/NDF :4120285111.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.431+/-0.000 χ^2/NDF : 8501809463.6/29

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 945939.5/13

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

Right Out: 0.014+/-0.000 χ^2/NDF : 989917.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

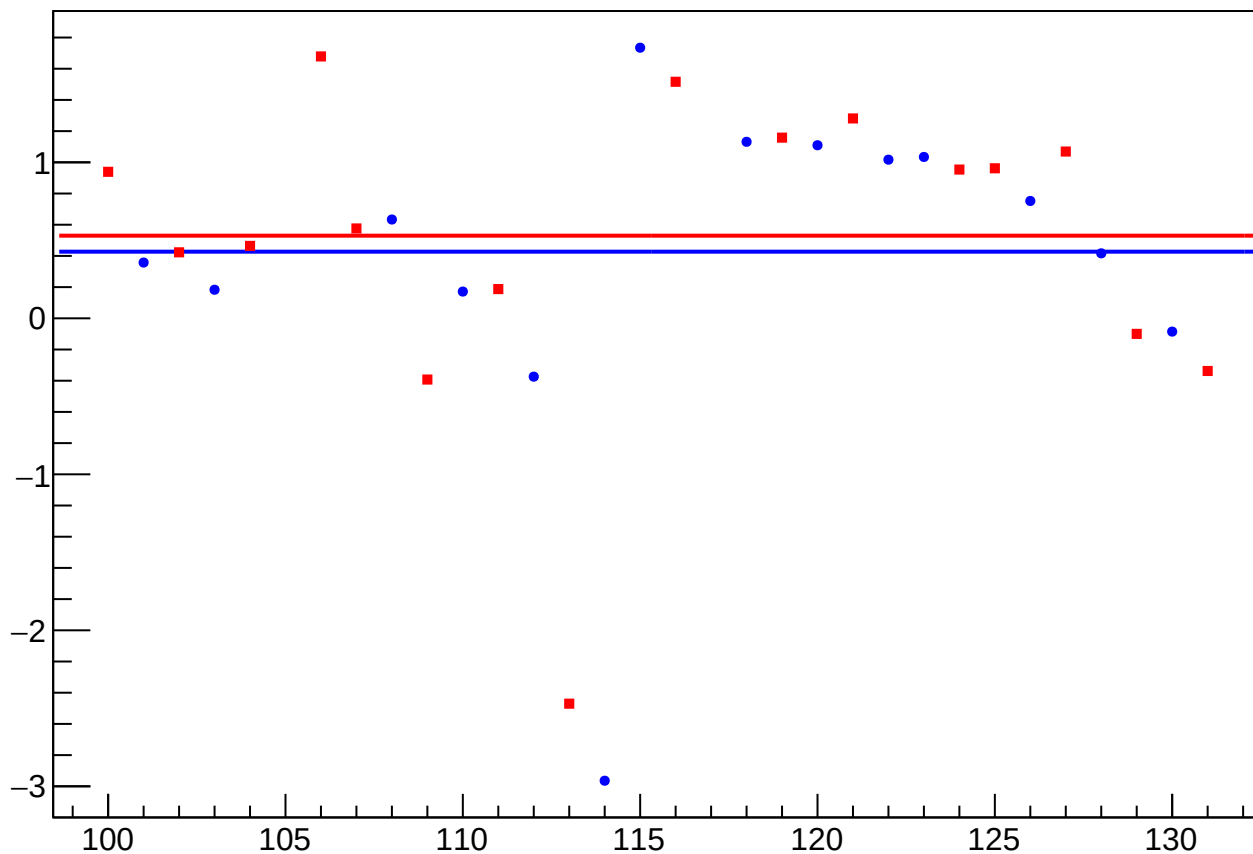
Right: 0.013+/-0.000 χ^2/NDF : 1946957.4/29

In: 0.013+/-0.000 χ^2/NDF :945939.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.013+/-0.000 χ^2/NDF : 1946957.4/29

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.427+/-0.000 χ^2/NDF : 227207899.2/13

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

Right Out: 0.530+/-0.000 χ^2/NDF : 973341323.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

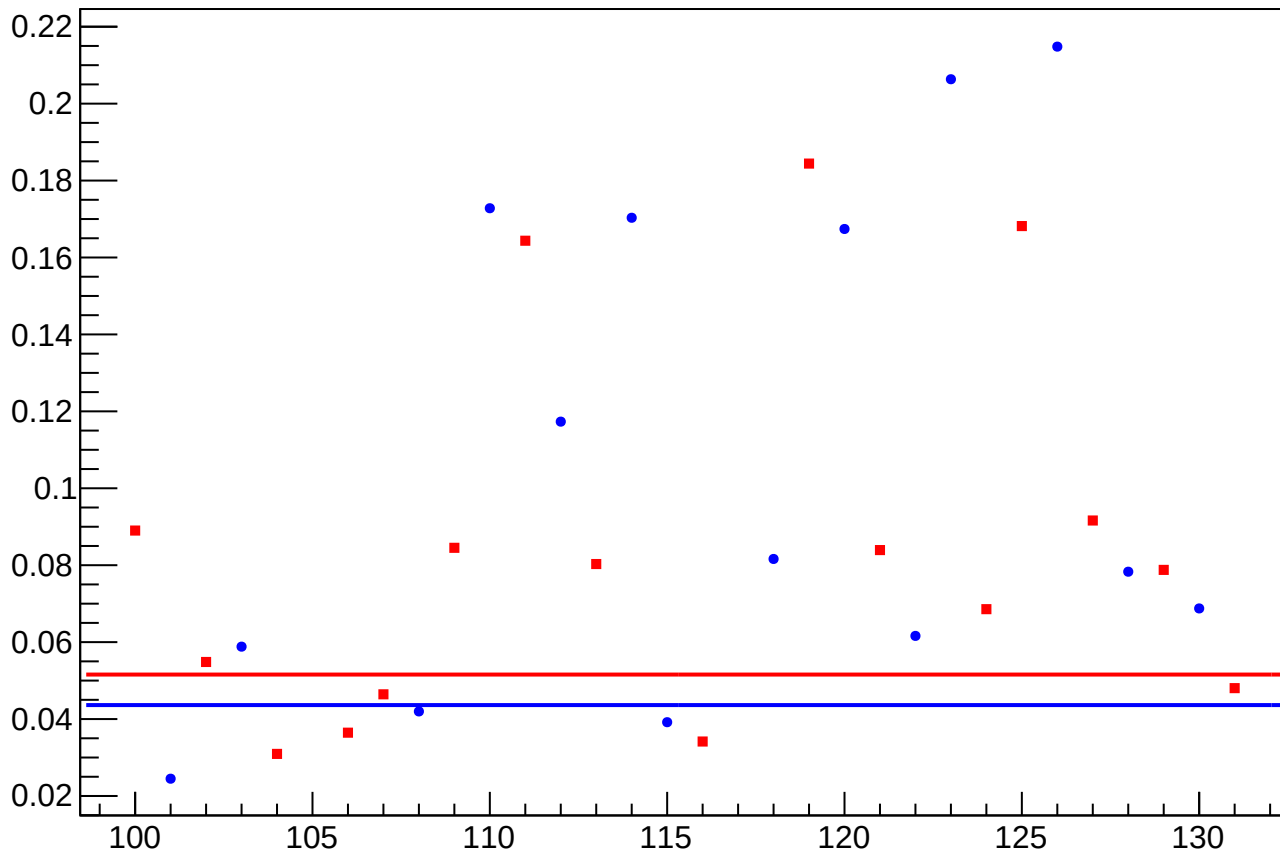
Right: 0.475+/-0.000 χ^2/NDF : 1207906664.2/29

In: 0.427+/-0.000 χ^2/NDF :227207899.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.475+/-0.000 χ^2/NDF : 1207906664.2/29

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.044+/-0.000 χ^2/NDF : 2721335.7/13

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

Right Out: 0.052+/-0.000 χ^2/NDF : 2134241.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

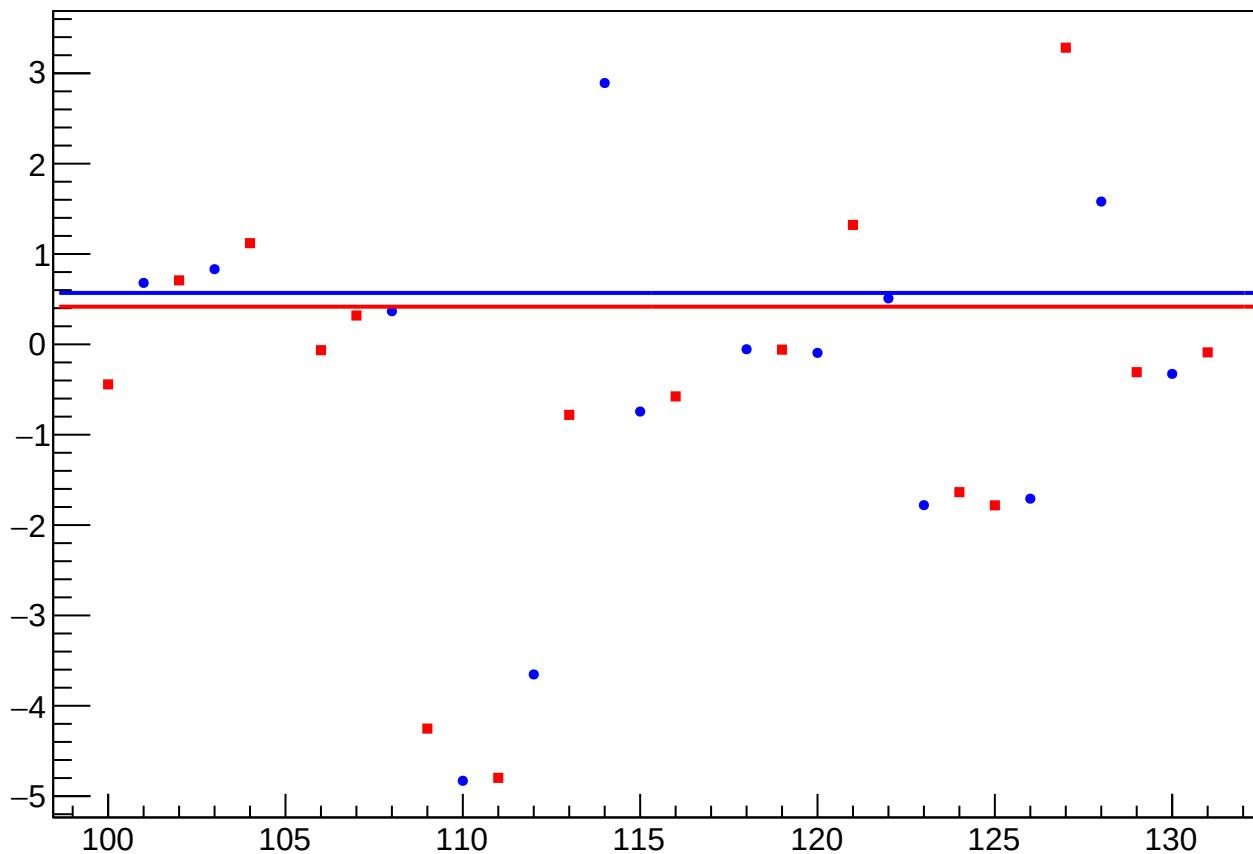
Right: 0.047+/-0.000 χ^2/NDF : 4943551.8/29

In: 0.044+/-0.000 χ^2/NDF : 2721335.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.047+/-0.000 χ^2/NDF : 4943551.8/29

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.569+/-0.000 χ^2/NDF : 1861256372.6/13

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

Right Out: 0.417+/-0.000 χ^2/NDF : 4346154984.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

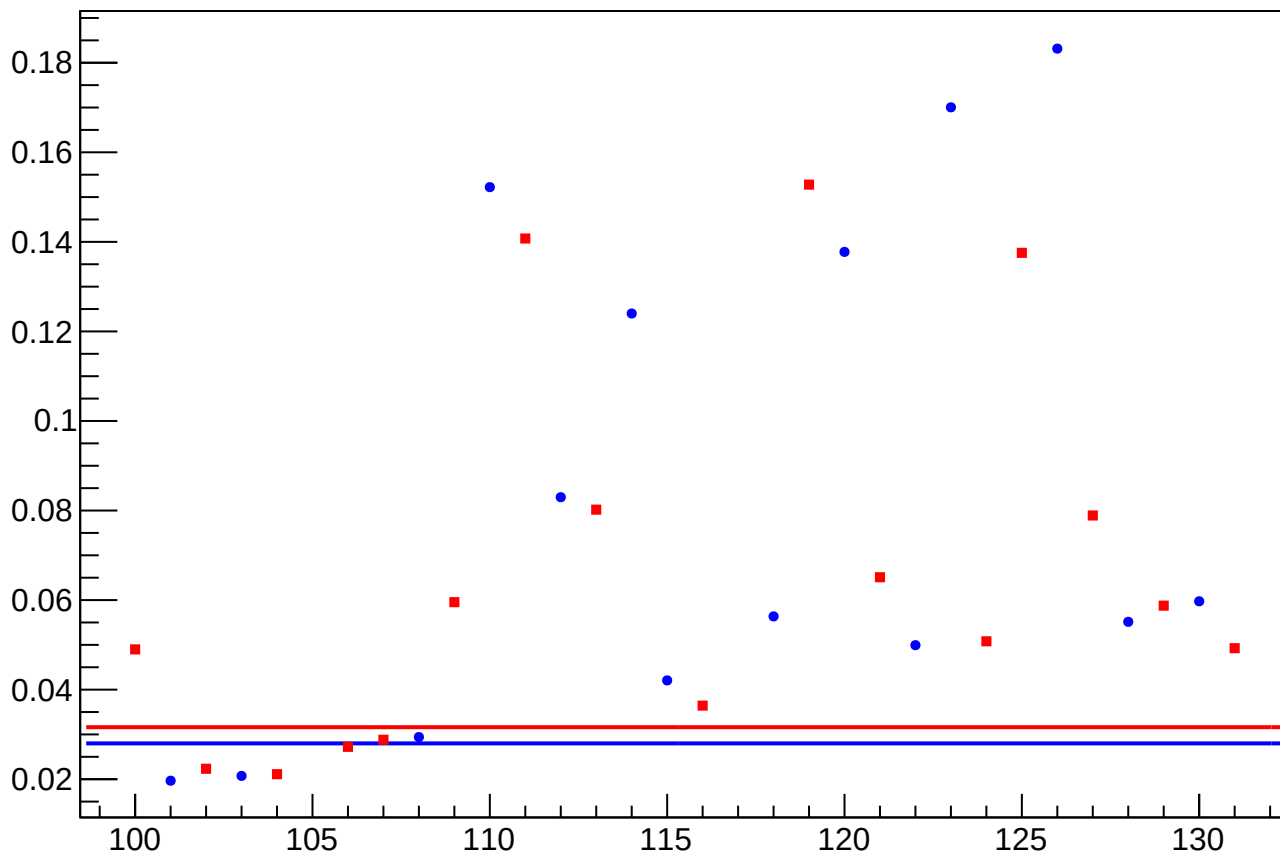
Right: 0.496+/-0.000 χ^2/NDF : 6246409833.7/29

In: 0.569+/-0.000 χ^2/NDF : 1861256372.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.496+/-0.000 χ^2/NDF : 6246409833.7/29

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.028+/-0.000 χ^2/NDF : 2773594.5/13

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

Right Out: 0.032+/-0.000 χ^2/NDF : 2849547.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

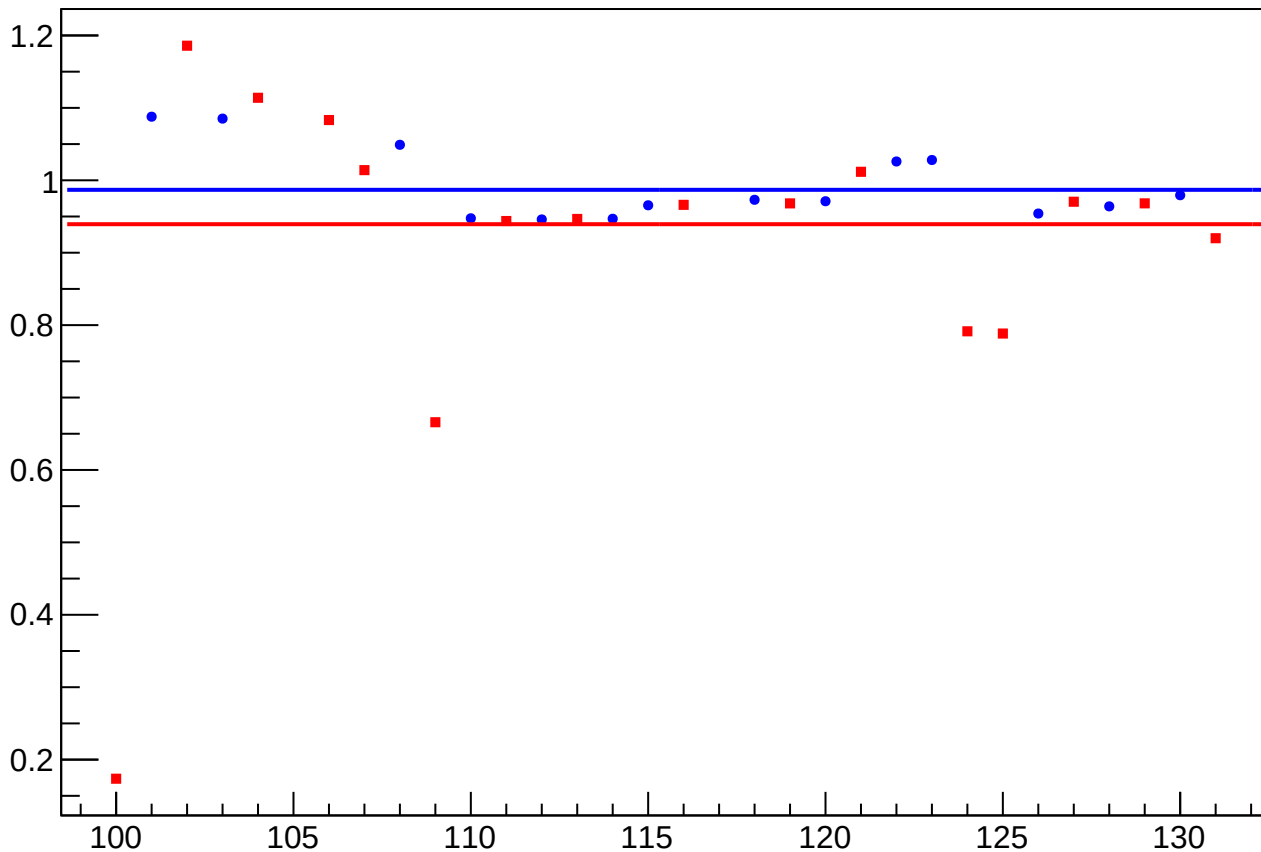
Right: 0.030+/-0.000 χ^2/NDF : 5667349.5/29

In: 0.028+/-0.000 χ^2/NDF :2773594.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.030+/-0.000 χ^2/NDF : 5667349.5/29

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.987+/-0.000 χ^2/NDF : 48291351.3/13

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

Right Out: 0.939+/-0.000 χ^2/NDF : 324802492.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

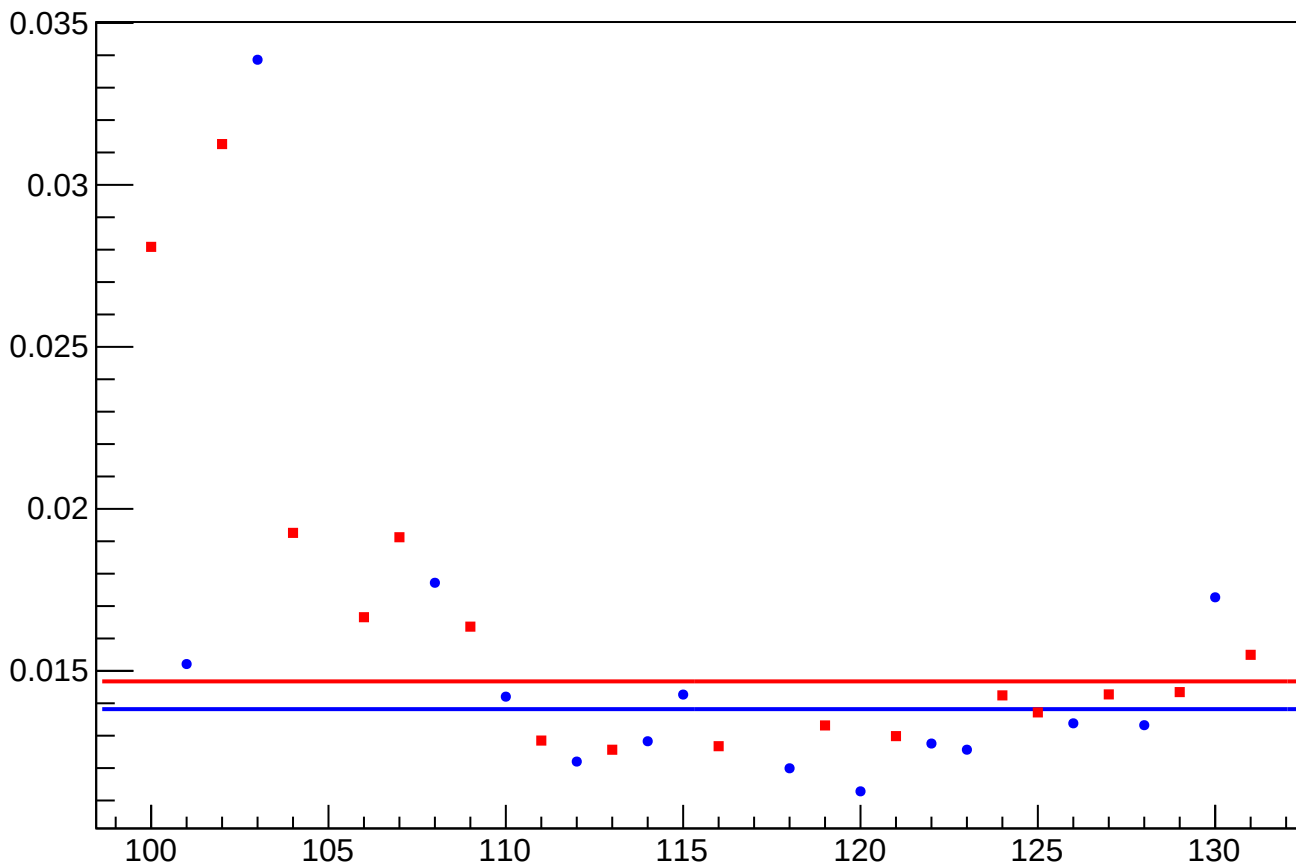
Right: 0.963+/-0.000 χ^2/NDF : 399618715.4/29

In: 0.987+/-0.000 χ^2/NDF :48291351.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.963+/-0.000 χ^2/NDF : 399618715.4/29

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 519446.3/13

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

Right Out: 0.015+/-0.000 χ^2/NDF : 470114.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

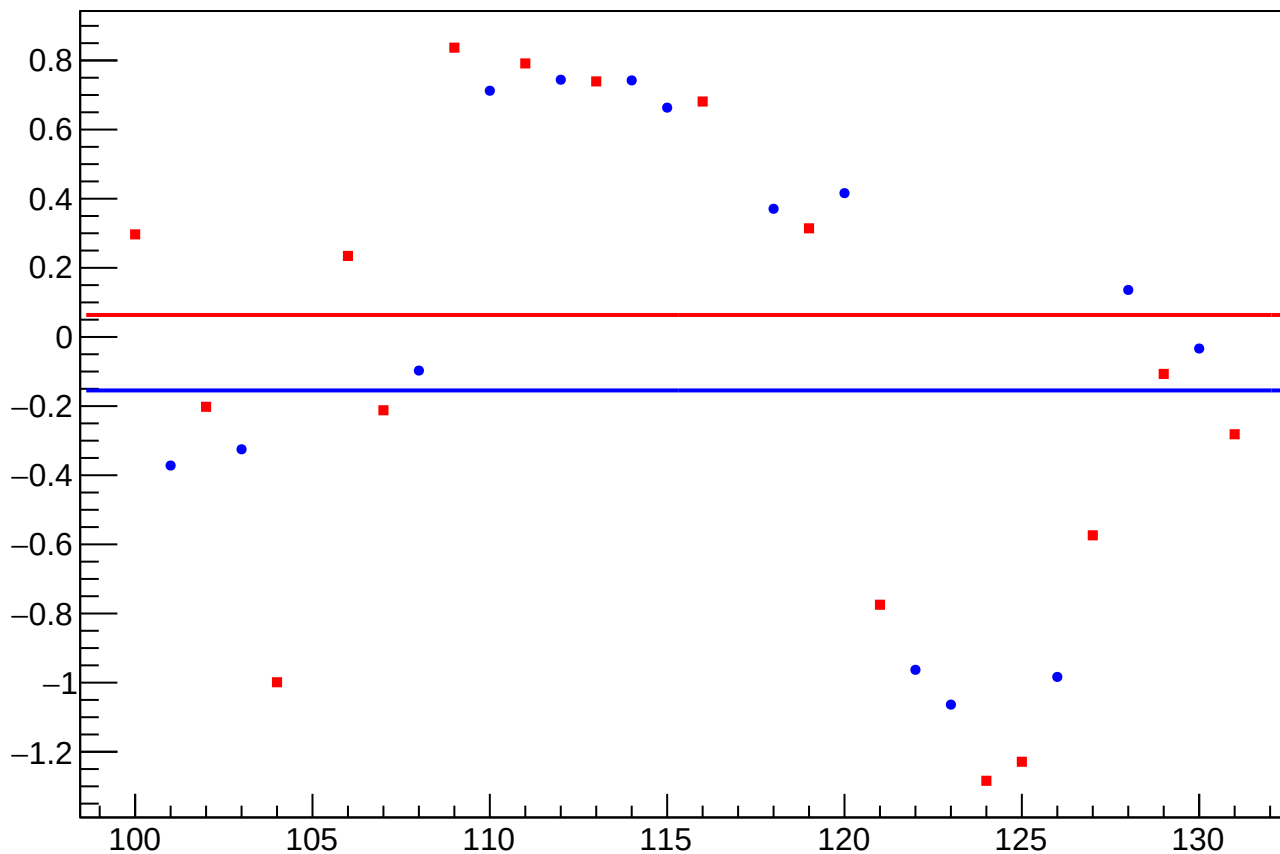
Right: 0.014+/-0.000 χ^2/NDF : 1006823.8/29

In: 0.014+/-0.000 χ^2/NDF :519446.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 1006823.8/29

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.155+/-0.000 χ^2/NDF : 4636253200.8/13

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

Right Out: 0.064+/-0.000 χ^2/NDF : 12017003113.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

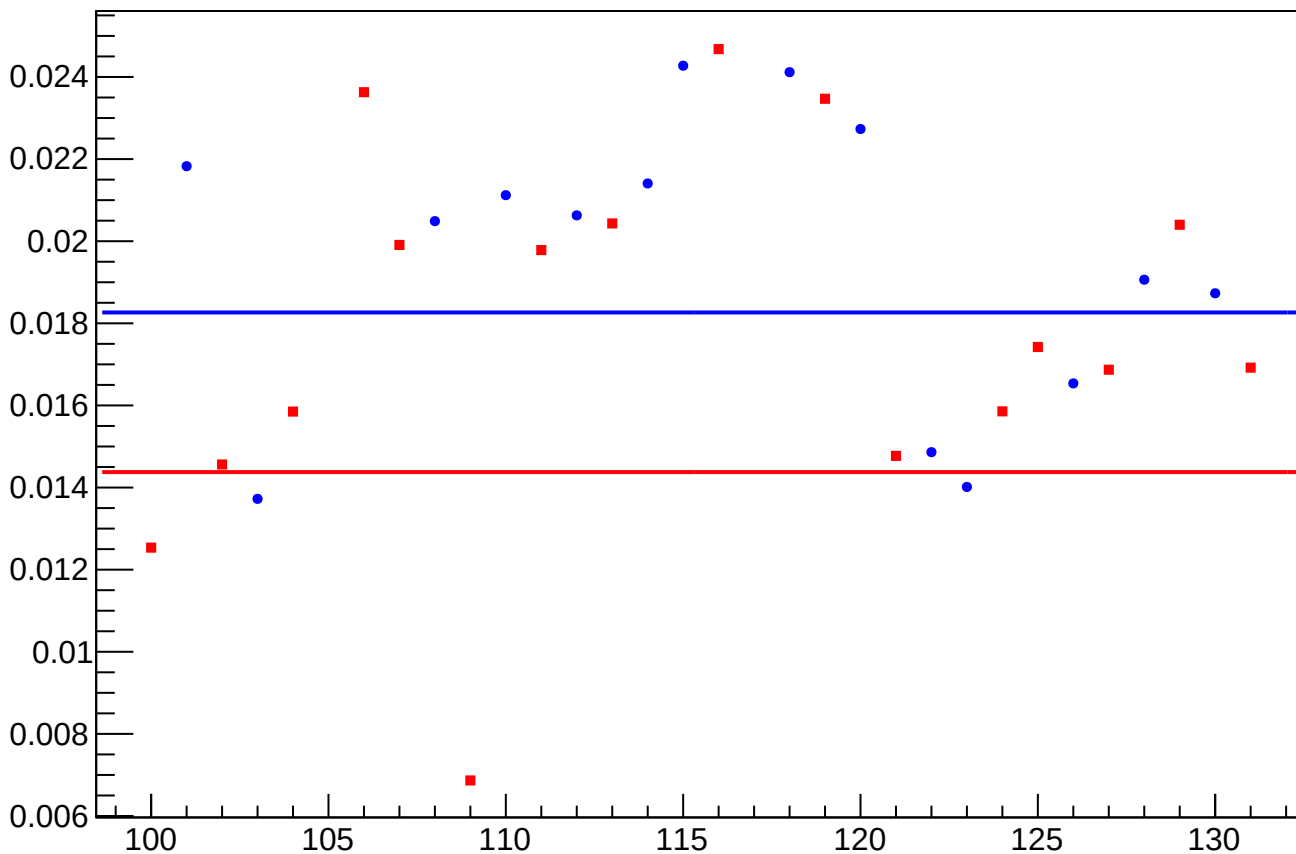
Right: -0.021+/-0.000 χ^2/NDF : 17066564340.9/29

In: -0.155+/-0.000 χ^2/NDF :4636253200.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.021+/-0.000 χ^2/NDF : 17066564340.9/42

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 334715.5/13

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

Right Out: 0.014+/-0.000 χ^2/NDF : 1391216.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

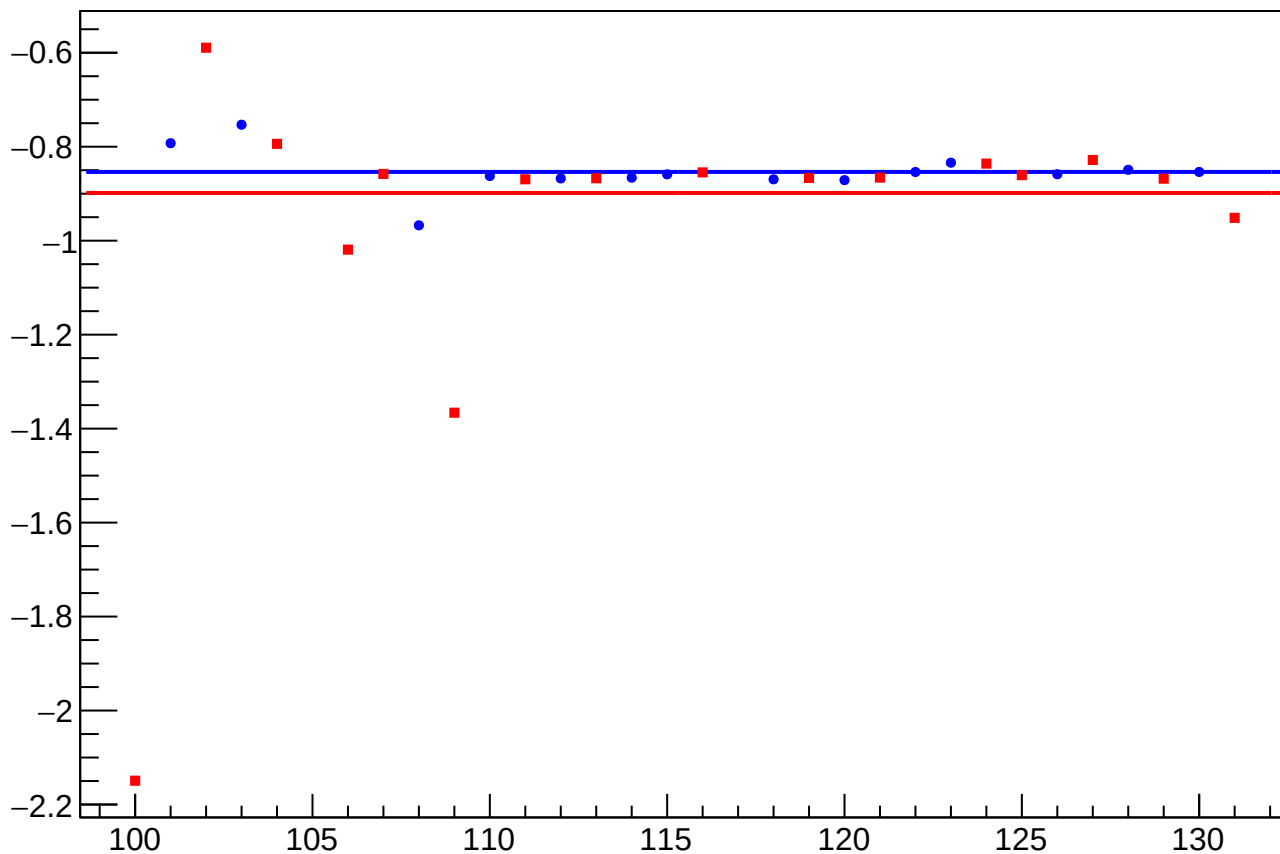
Right: 0.016+/-0.000 χ^2/NDF : 1988087.3/29

In: 0.018+/-0.000 χ^2/NDF :334715.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.016+/-0.000 χ^2/NDF : 1988087.3/29

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.854+/-0.000 χ^2/NDF : 6298602.3/13

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

Right Out: -0.898+/-0.000 χ^2/NDF : 112788536.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

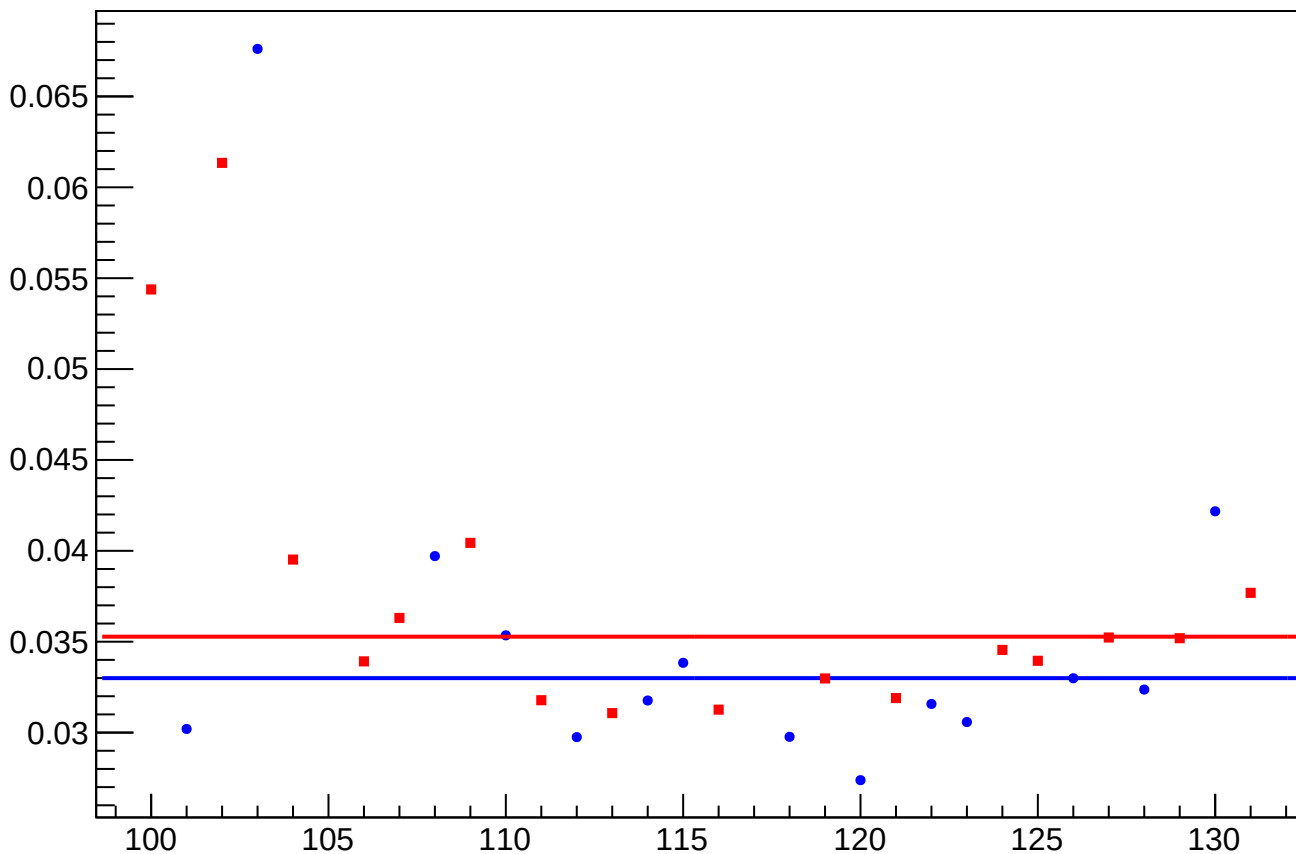
Right: -0.876+/-0.000 χ^2/NDF : 123244184.8/29

In: -0.854+/-0.000 χ^2/NDF : 6298602.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.876+/-0.000 χ^2/NDF : 123244184.8/29

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.033+/-0.000 χ^2/NDF : 391328.1/13

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

Right Out: 0.035+/-0.000 χ^2/NDF : 259565.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

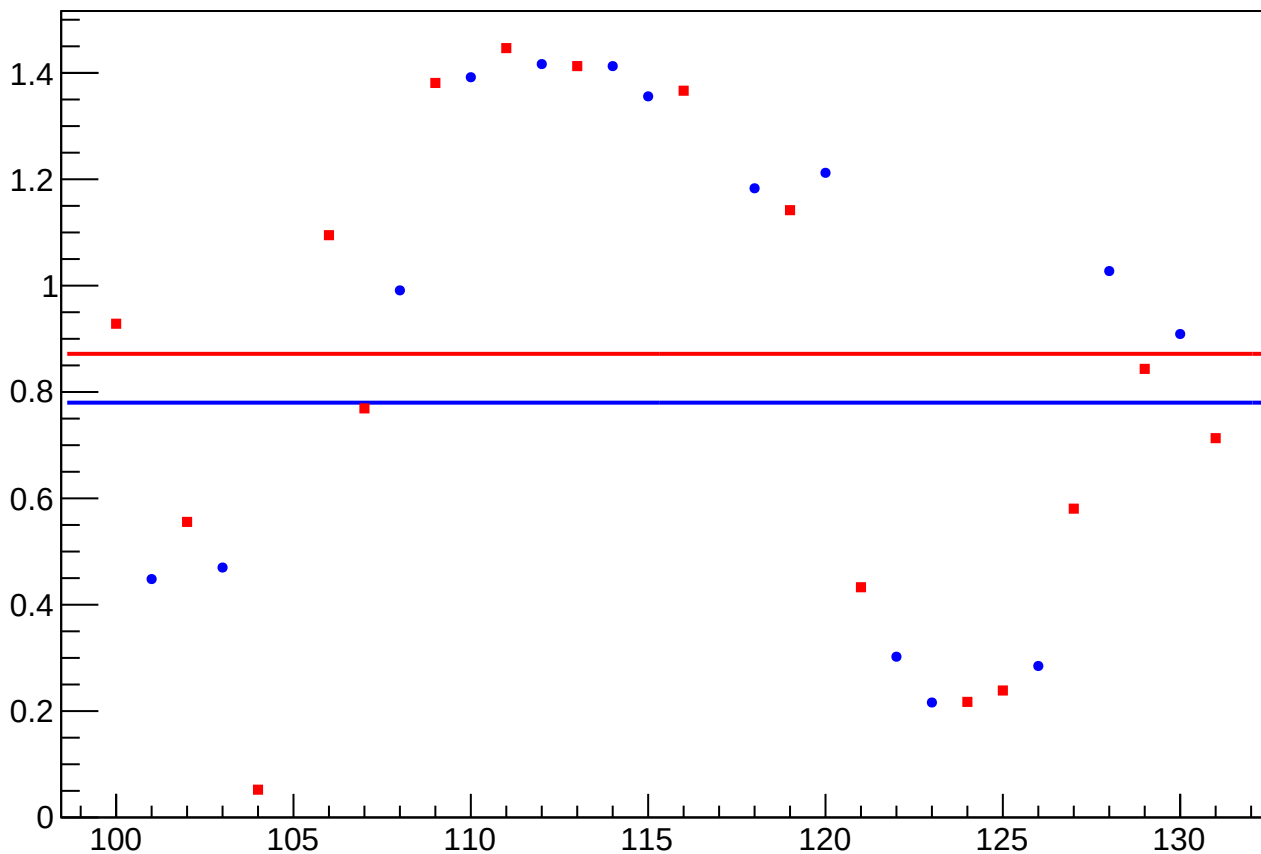
Right: 0.034+/-0.000 χ^2/NDF : 672470.0/29

In: 0.033+/-0.000 χ^2/NDF :391328.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.034+/-0.000 χ^2/NDF : 672470.0/29

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.780+/-0.000 χ^2/NDF : 5346665526.9/13

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

Right Out: 0.872+/-0.000 χ^2/NDF : 9329822561.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

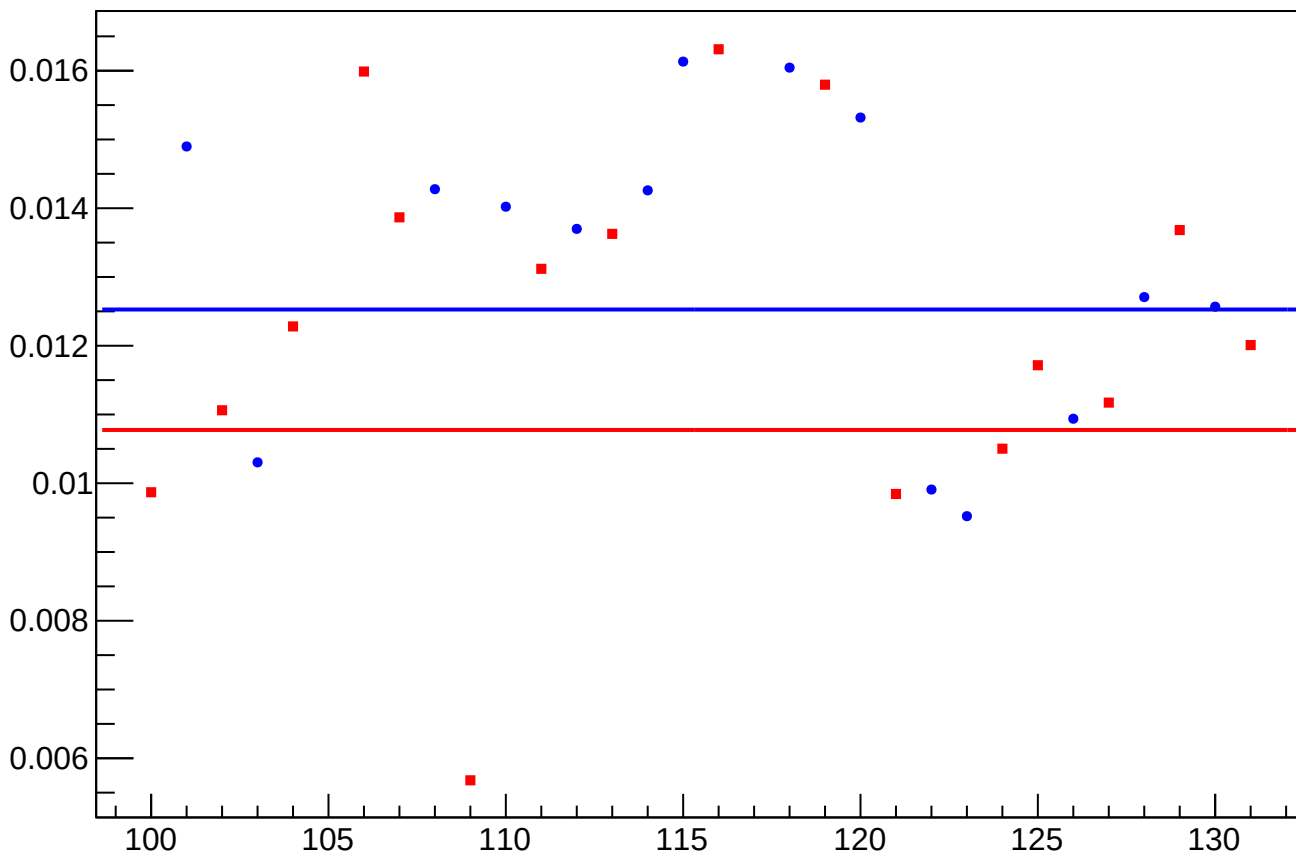
Right: 0.833+/-0.000 χ^2/NDF : 14825306041.2/29

In: 0.780+/-0.000 χ^2/NDF : 5346665526.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.833+/-0.000 χ^2/NDF : 14825306041.2/29

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 259081.8/13

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

Right Out: 0.011+/-0.000 χ^2/NDF : 883925.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

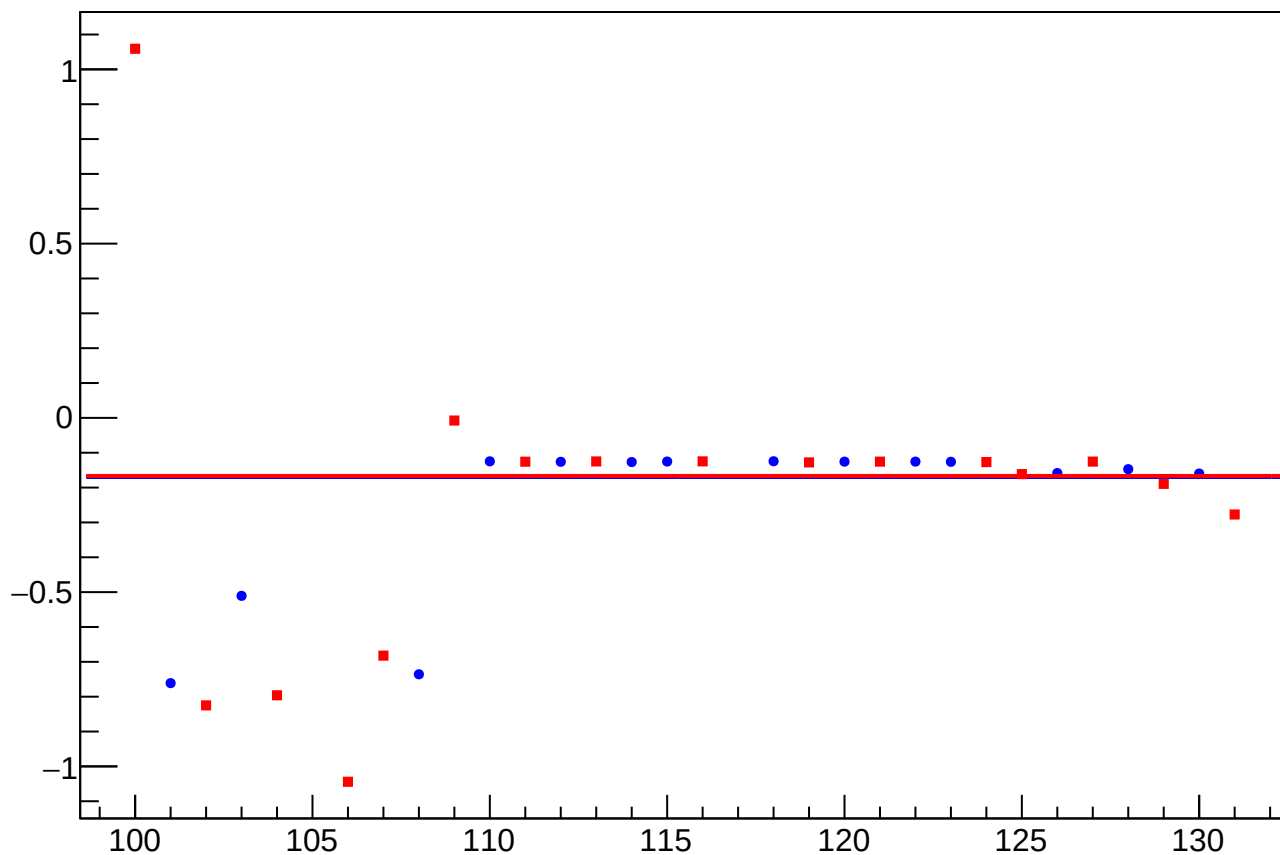
Right: 0.012+/-0.000 χ^2/NDF : 1251398.2/29

In: 0.013+/-0.000 χ^2/NDF : 259081.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 1251398.2/29

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.170+/-0.000 χ^2/NDF : 356259208.3/13

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

Right Out: -0.167+/-0.000 χ^2/NDF : 442282223.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

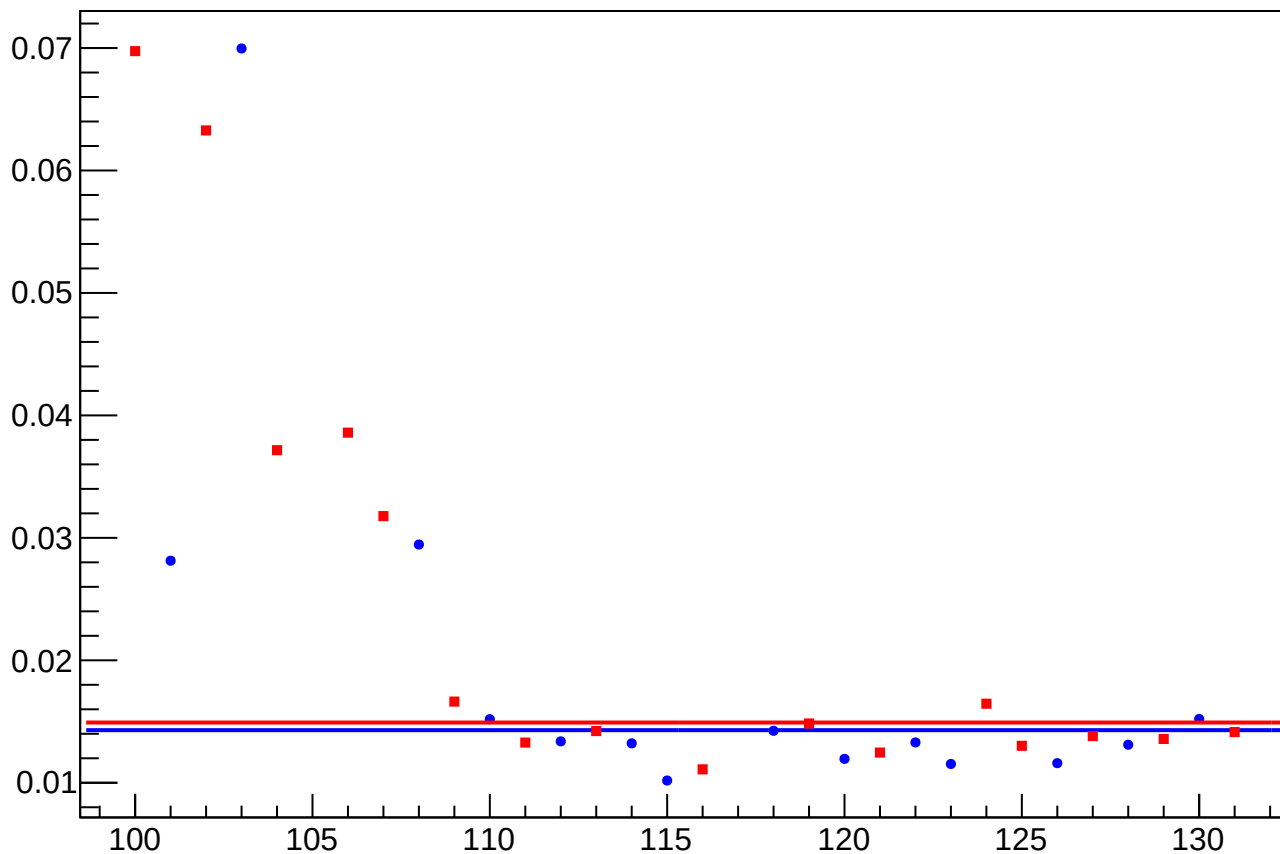
Right: -0.168+/-0.000 χ^2/NDF : 798621848.5/29

In: -0.170+/-0.000 χ^2/NDF :356259208.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.168+/-0.000 χ^2/NDF : 798621848.5/29

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1185203.6/13

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

Right Out: 0.015+/-0.000 χ^2/NDF : 1349379.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

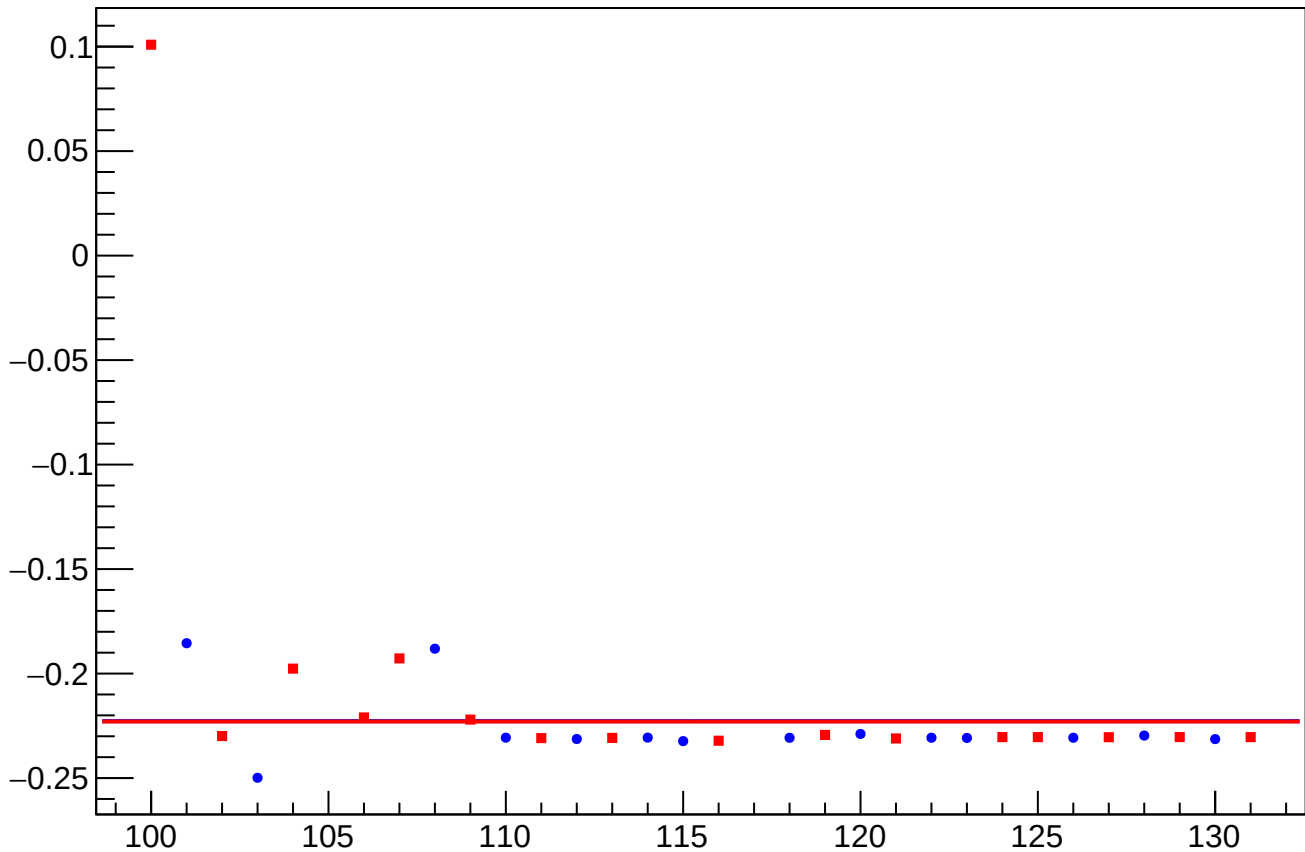
Right: 0.015+/-0.000 χ^2/NDF : 2541849.4/29

In: 0.014+/-0.000 χ^2/NDF : 1185203.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 2541849.4/29

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.223+/-0.000 χ^2/NDF : 73170544.9/13

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

Right Out: -0.223+/-0.000 χ^2/NDF : 167483581.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

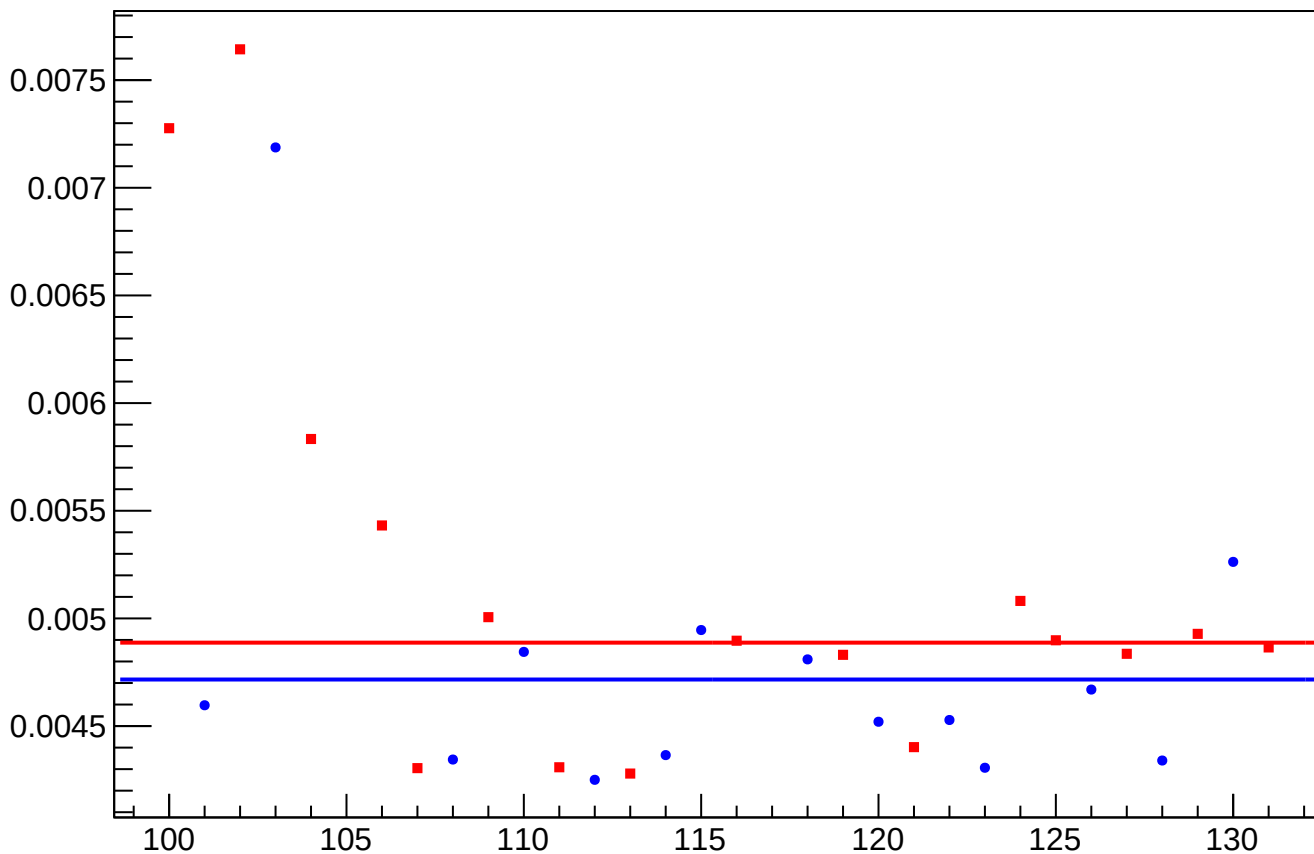
Right: -0.223+/-0.000 χ^2/NDF : 240657870.3/29

In: -0.223+/-0.000 χ^2/NDF :73170544.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.223+/-0.000 χ^2/NDF : 240657870.3/29

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 163614.2/13

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

Right Out: 0.005+/-0.000 χ^2/NDF : 226346.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

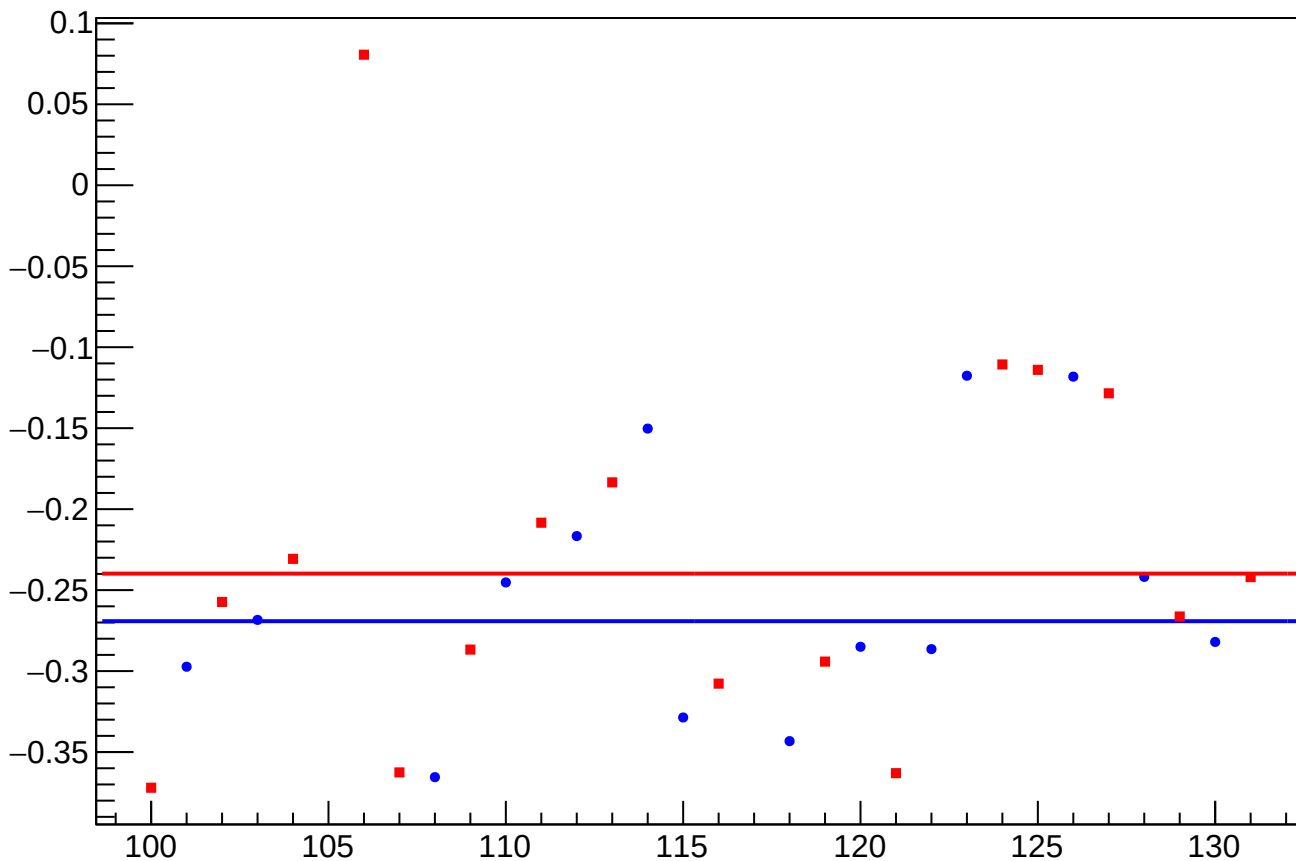
Right: 0.005+/-0.000 χ^2/NDF : 396377.1/29

In: 0.005+/-0.000 χ^2/NDF :163614.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 396377.1/29

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.269+/-0.000 χ^2/NDF : 474988676.6/13

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

Right Out: -0.240+/-0.000 χ^2/NDF : 1053173370.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

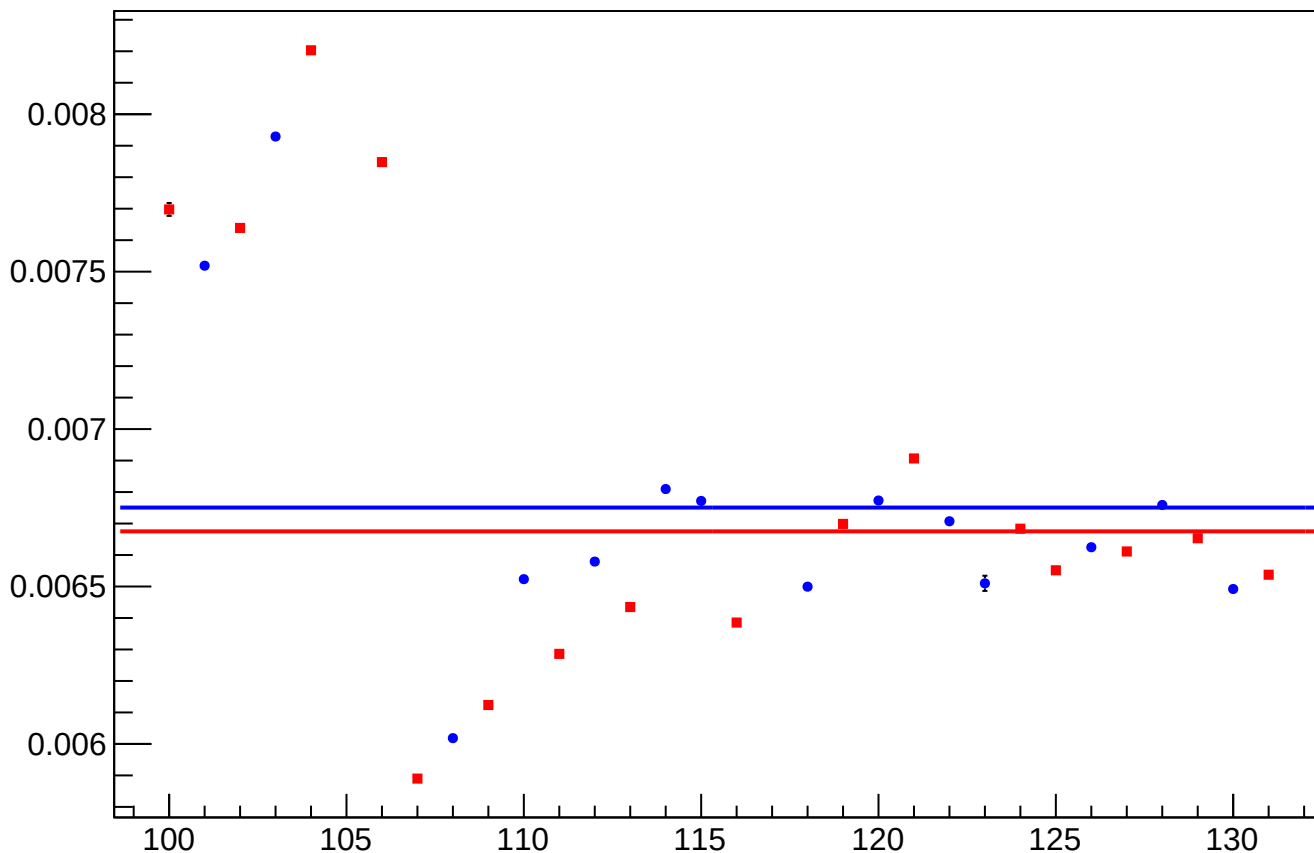
Right: -0.253+/-0.000 χ^2/NDF : 1580353410.3/29

In: -0.269+/-0.000 χ^2/NDF :474988676.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.253+/-0.000 χ^2/NDF : 1580353410.3/29

yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 53154.9/13

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

Right Out: 0.007+/-0.000 χ^2/NDF : 89362.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

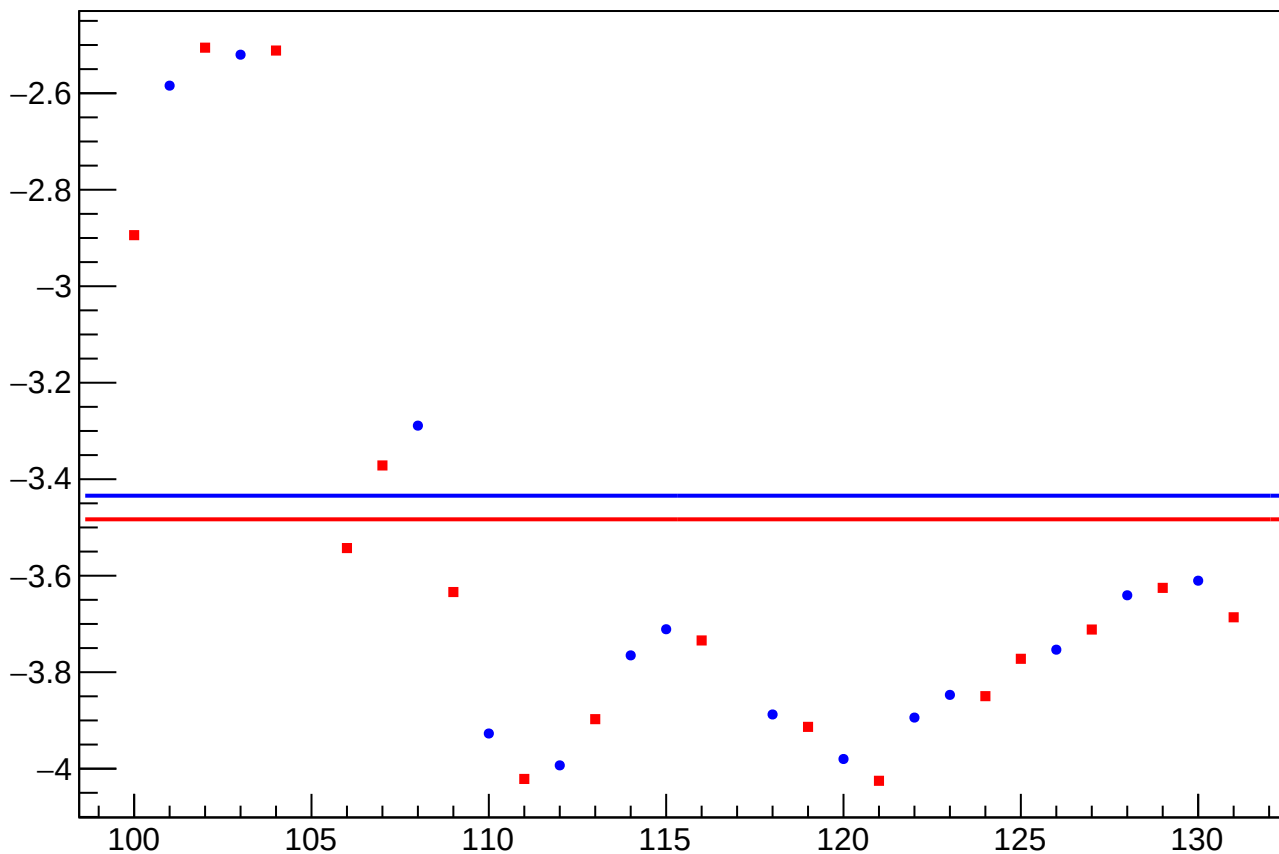
Right: 0.007+/-0.000 χ^2/NDF : 143208.6/29

In: 0.007+/-0.000 χ^2/NDF : 53154.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 143208.6/29

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.434+/-0.000 χ^2/NDF : 26038831526.0/13

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

Right Out: -3.483+/-0.000 χ^2/NDF : 25415135805.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

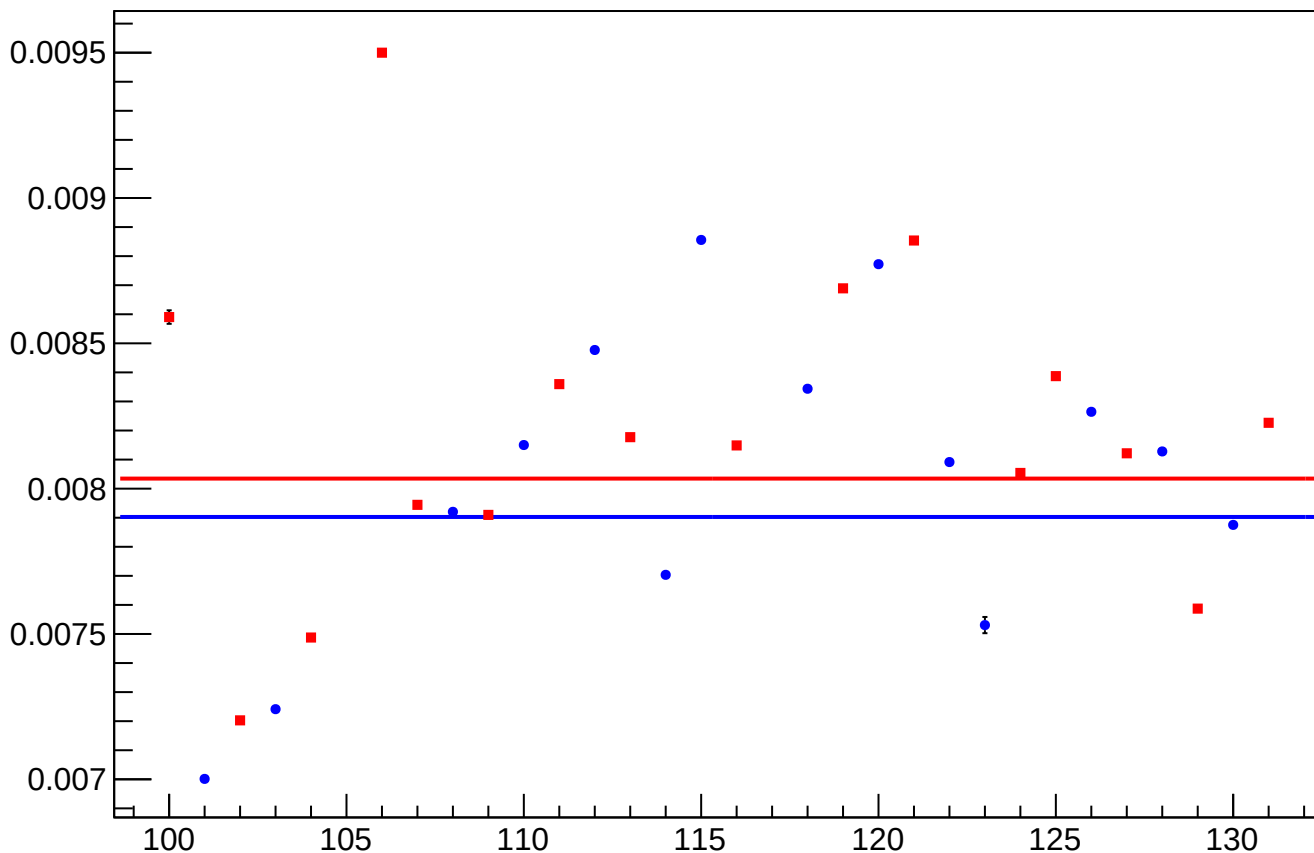
Right: -3.460+/-0.000 χ^2/NDF : 51555491967.7/29

In: -3.434+/-0.000 χ^2/NDF : 26038831526.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.460+/-0.000 χ^2/NDF : 51555491967.7/29

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 48067.7/13

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

Right Out: 0.008+/-0.000 χ^2/NDF : 45276.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

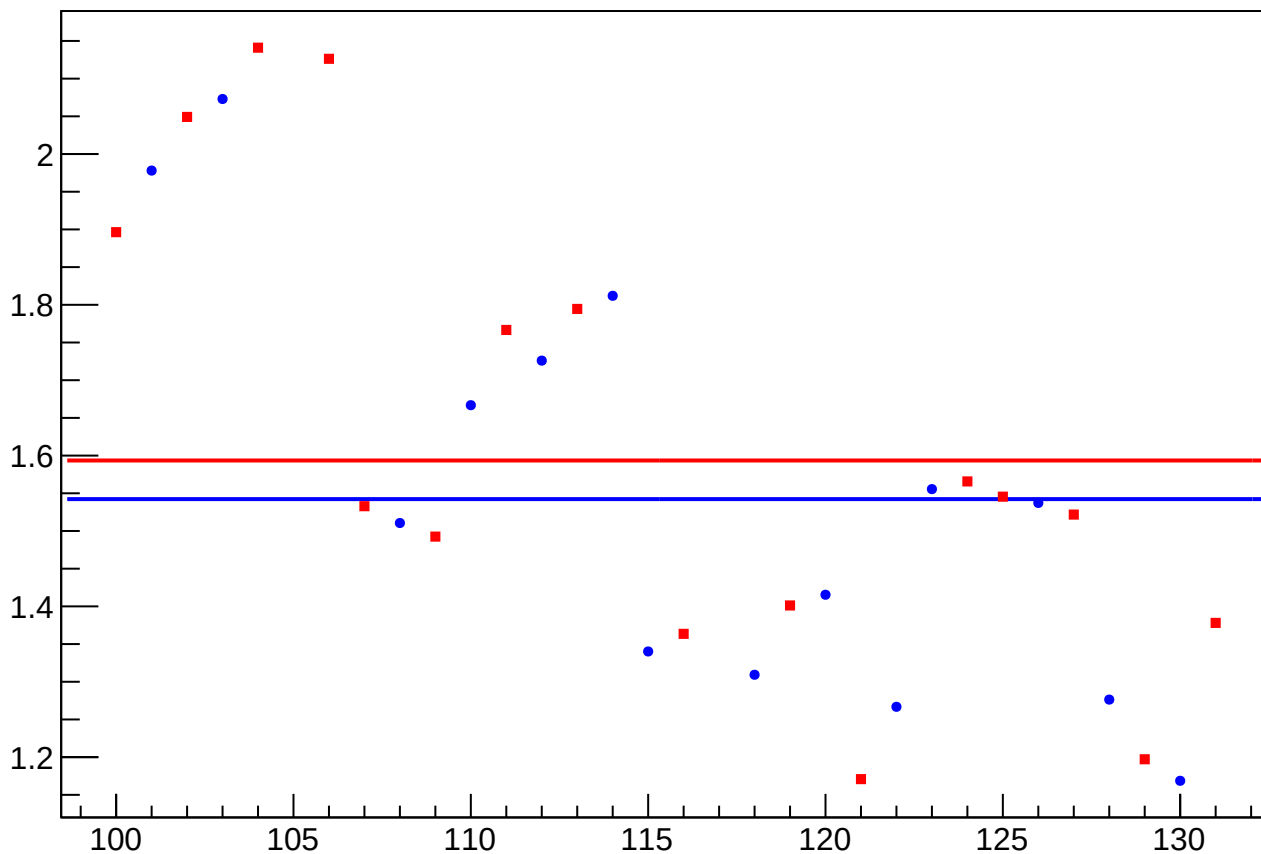
Right: 0.008+/-0.000 χ^2/NDF : 94820.5/29

In: 0.008+/-0.000 χ^2/NDF :48067.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 94820.5/29

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.542 $\pm$ 0.000 χ^2 /NDF: 2826034114.6/13

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

Right Out: 1.594 $\pm$ 0.000 χ^2 /NDF: 3305707956.9/15

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

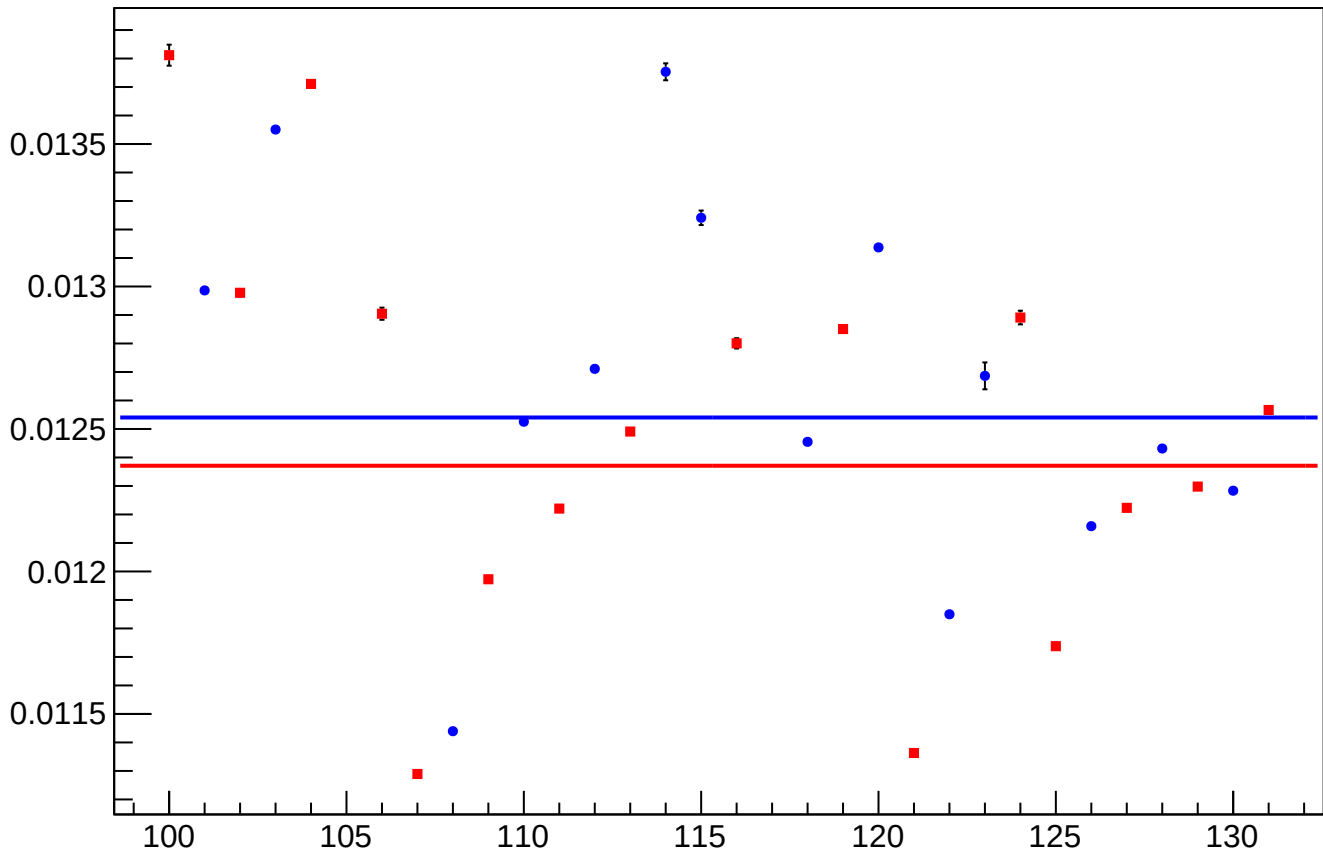
Right: 1.570 $\pm$ 0.000 χ^2 /NDF: 6177795269.0/29

In: 1.542 $\pm$ 0.000 χ^2 /NDF:2826034114.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.570 $\pm$ 0.000 χ^2 /NDF: 6177795269.0/29

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 22490.5/13

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

Right Out: 0.012+/-0.000 χ^2/NDF : 32196.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

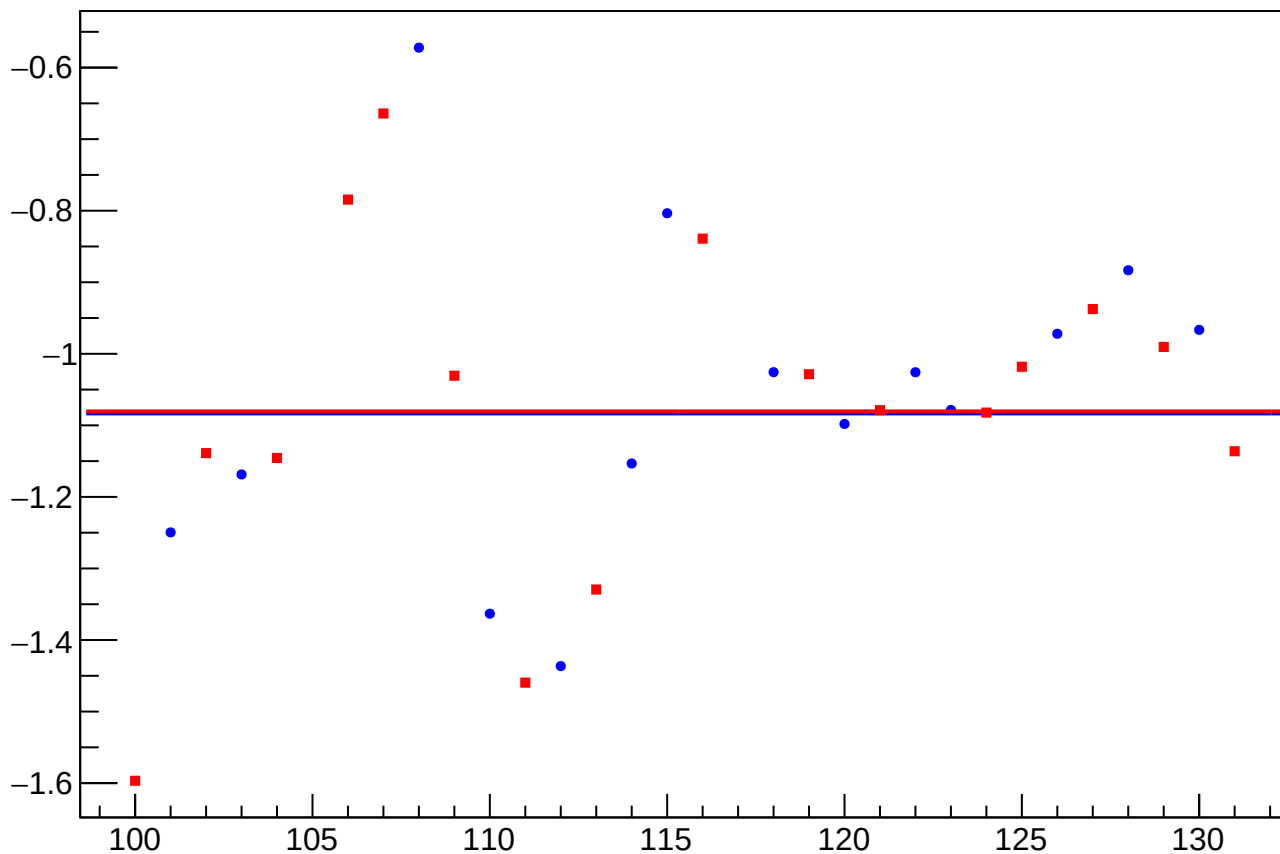
Right: 0.012+/-0.000 χ^2/NDF : 55693.0/29

In: 0.013+/-0.000 χ^2/NDF :22490.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 55693.0/29

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.083+/-0.000 χ^2/NDF : 2783027345.5/13

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

Right Out: -1.081+/-0.000 χ^2/NDF : 2271713960.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

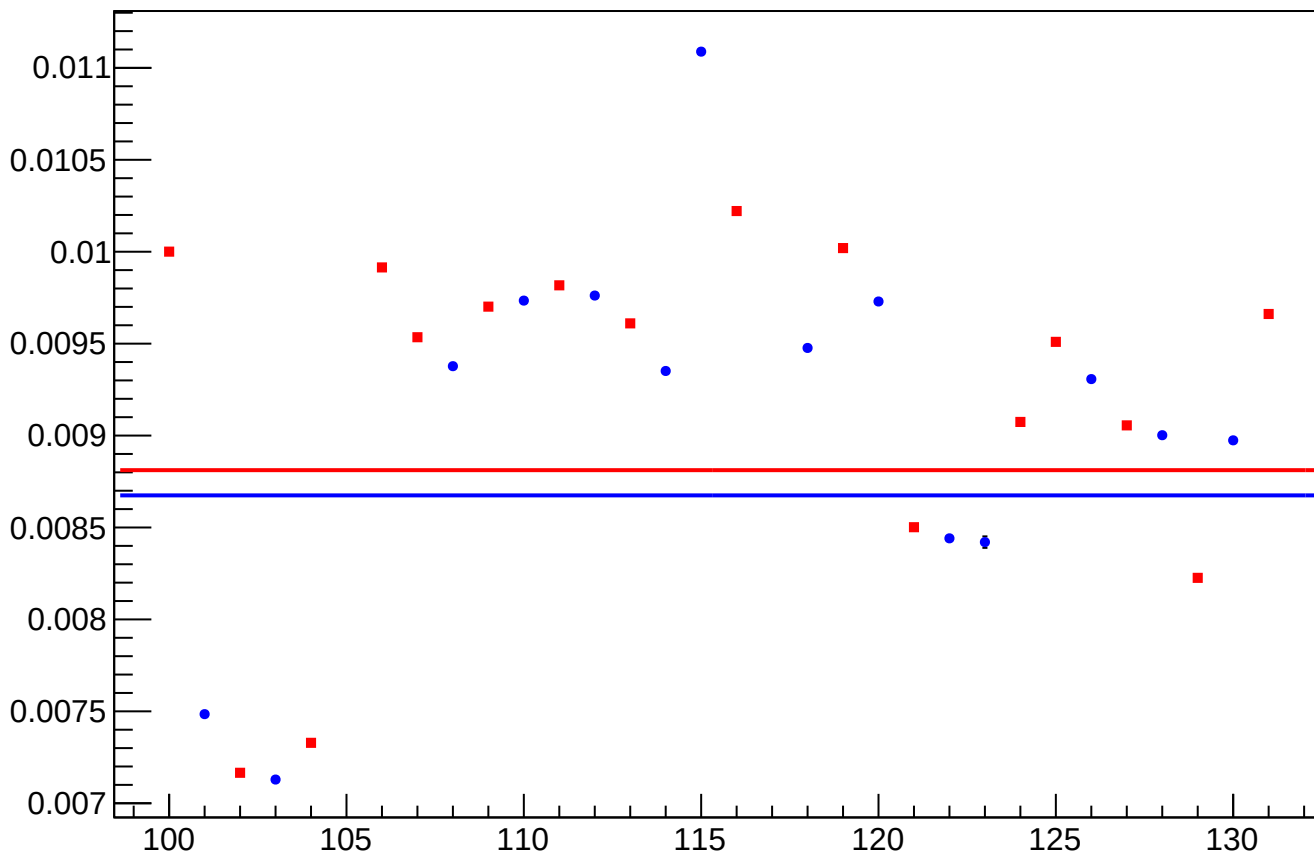
Right: -1.082+/-0.000 χ^2/NDF : 5055011058.8/29

In: -1.083+/-0.000 χ^2/NDF :2783027345.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.082+/-0.000 χ^2/NDF : 5055011058.8/29

yield_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 136814.7/13

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

Right Out: 0.009+/-0.000 χ^2/NDF : 163336.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

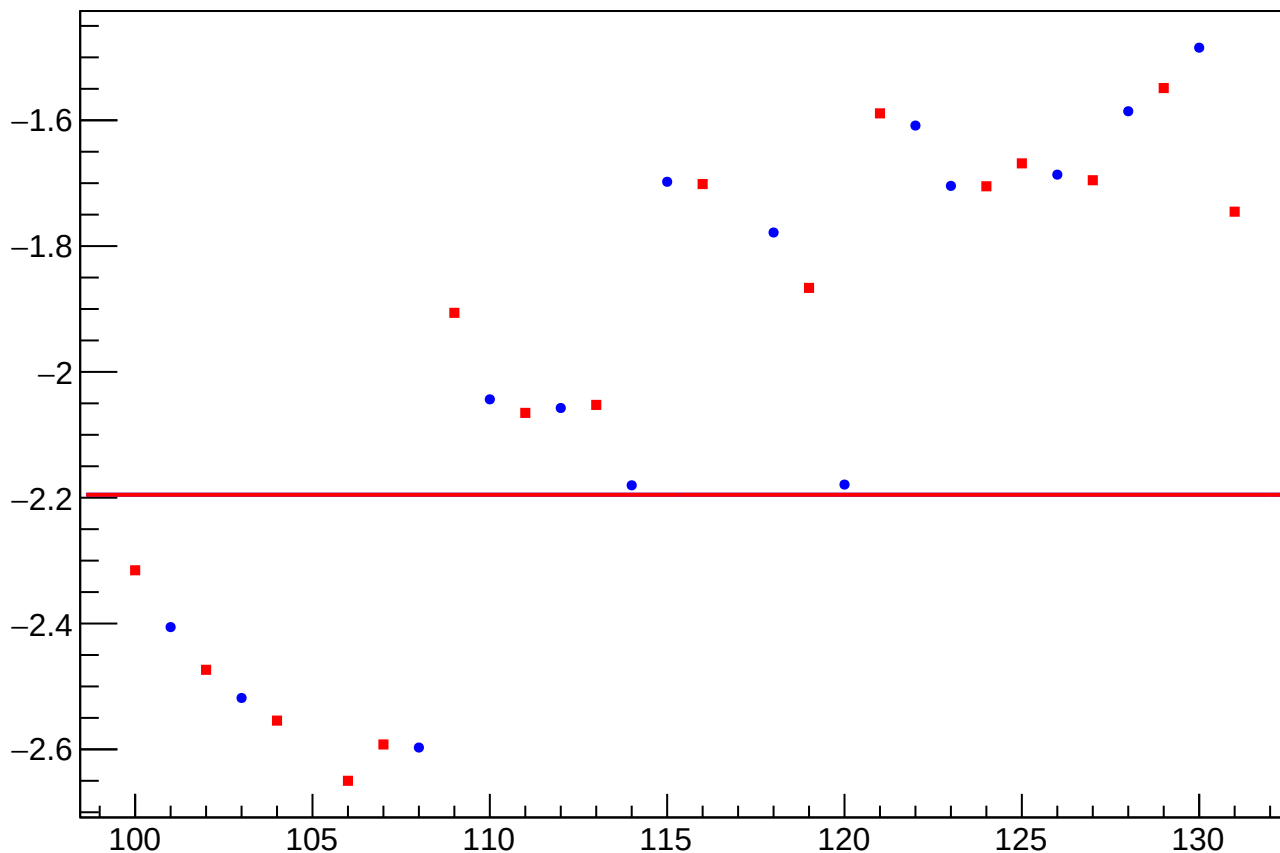
Right: 0.009+/-0.000 χ^2/NDF : 301443.1/29

In: 0.009+/-0.000 χ^2/NDF : 136814.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 301443.1/29

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.195+/-0.000 χ^2/NDF : 11886326273.2/13

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

Right Out: -2.195+/-0.000 χ^2/NDF : 13187390533.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

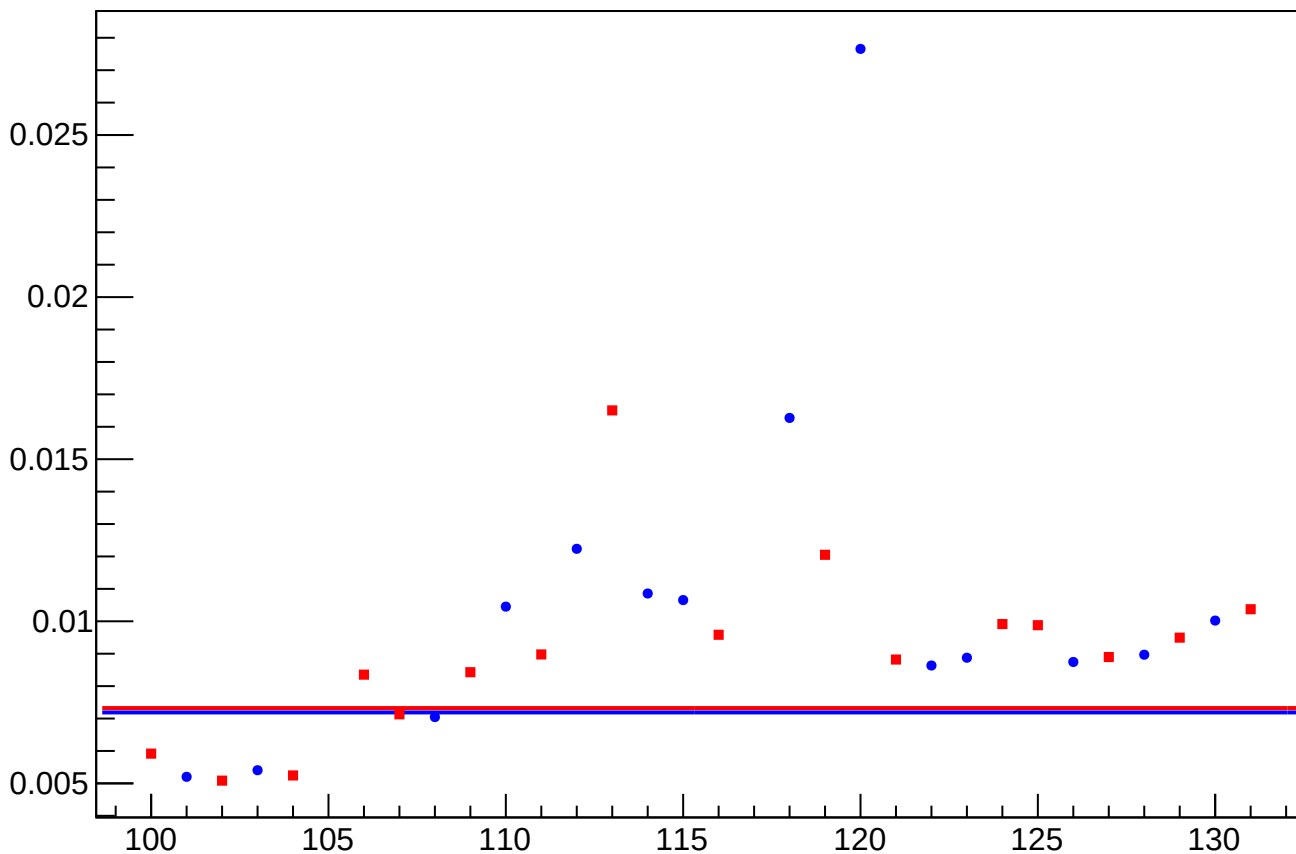
Right: -2.195+/-0.000 χ^2/NDF : 25073716898.7/29

In: -2.195+/-0.000 χ^2/NDF : 11886326273.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.195+/-0.000 χ^2/NDF : 25073716898.7/29

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 1079254.2/13

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

Right Out: 0.007+/-0.000 χ^2/NDF : 884122.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

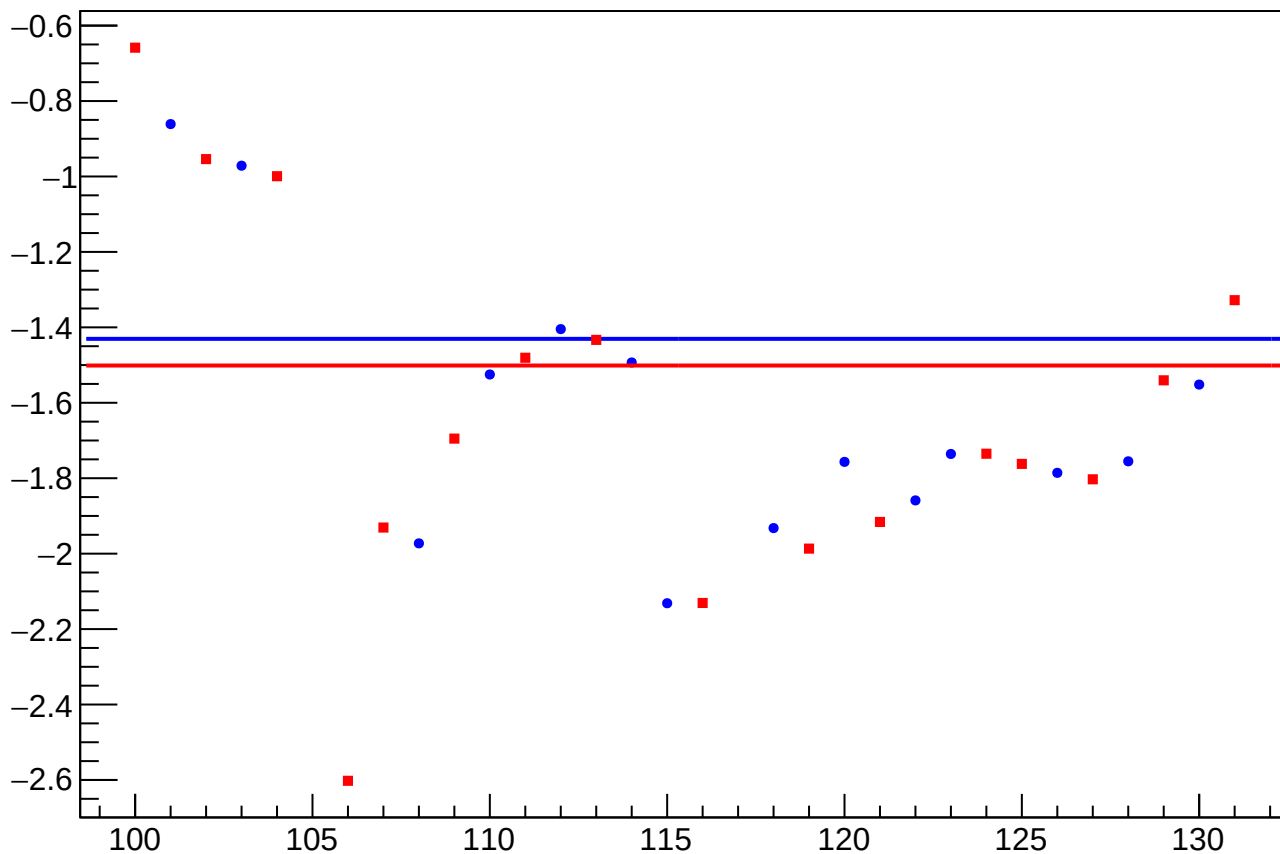
Right: 0.007+/-0.000 χ^2/NDF : 1964830.0/29

In: 0.007+/-0.000 χ^2/NDF : 1079254.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 1964830.0/29

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.430+/-0.000 χ^2/NDF : 18377675343.8/13

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

Right Out: -1.501+/-0.000 χ^2/NDF : 24987599379.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

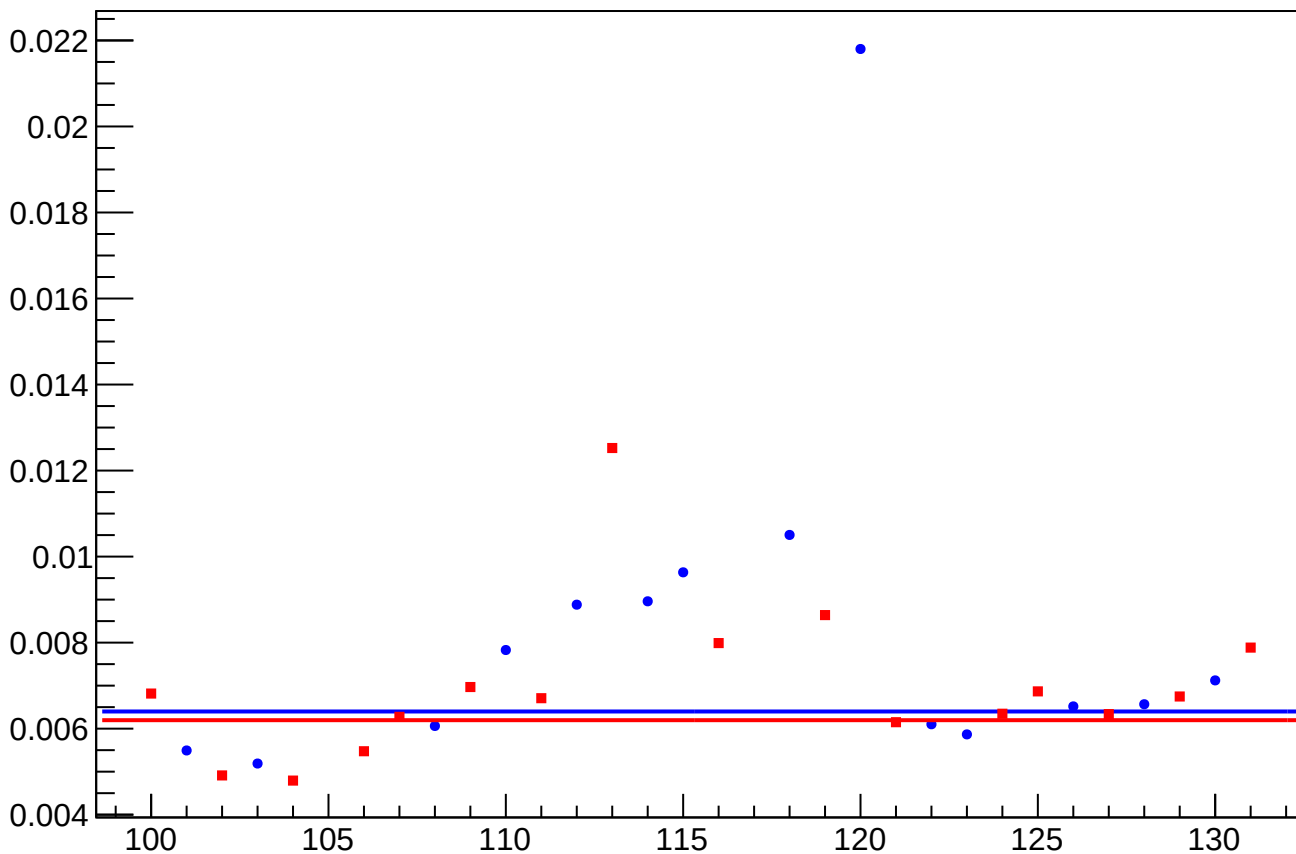
Right: -1.470+/-0.000 χ^2/NDF : 43646005337.9/29

In: -1.430+/-0.000 χ^2/NDF : 18377675343.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.470+/-0.000 χ^2/NDF : 43646005337.9/29

yield_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 530073.7/13

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

Right Out: 0.006+/-0.000 χ^2/NDF : 398884.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

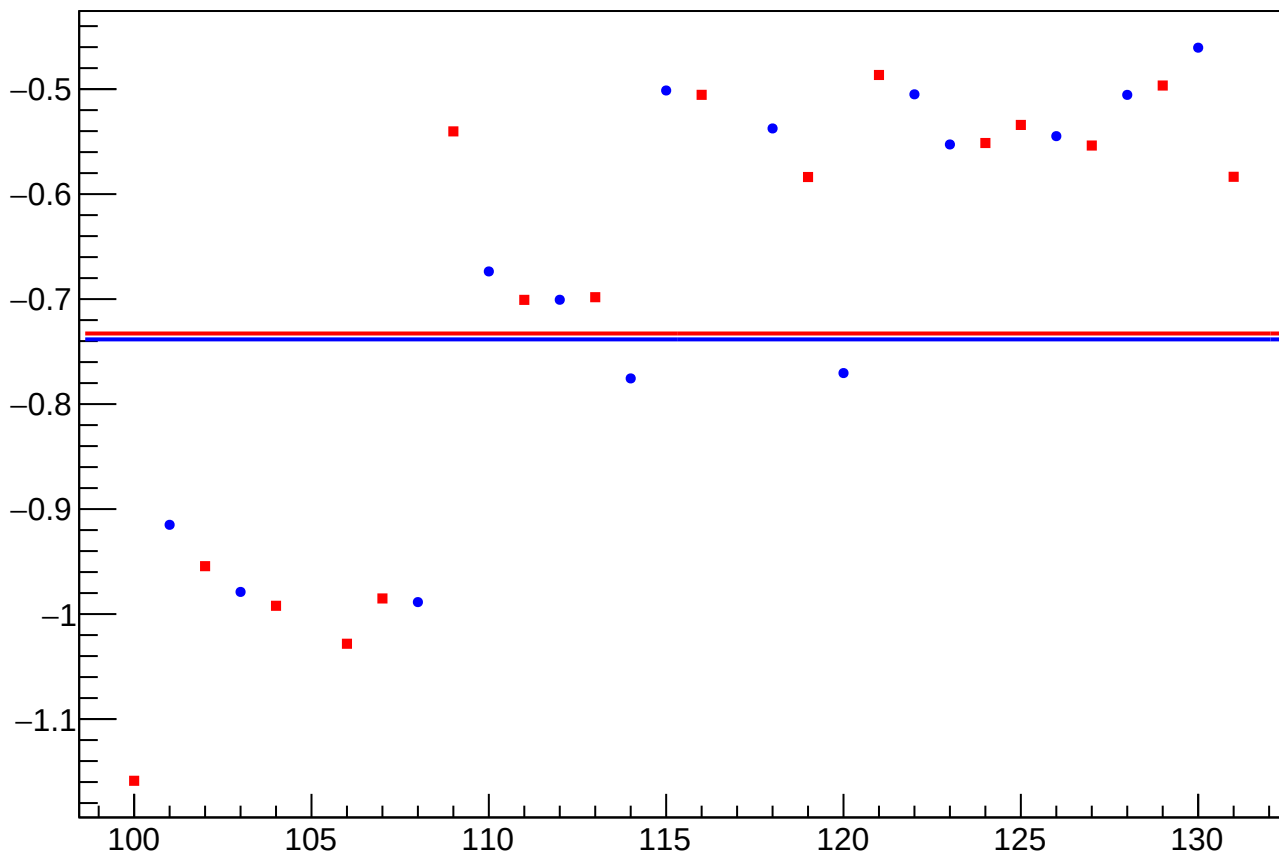
Right: 0.006+/-0.000 χ^2/NDF : 933552.1/29

In: 0.006+/-0.000 χ^2/NDF :530073.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 933552.1/29

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.738+/-0.000 χ^2/NDF : 7283367585.6/13

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

Right Out: -0.733+/-0.000 χ^2/NDF : 8784573682.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

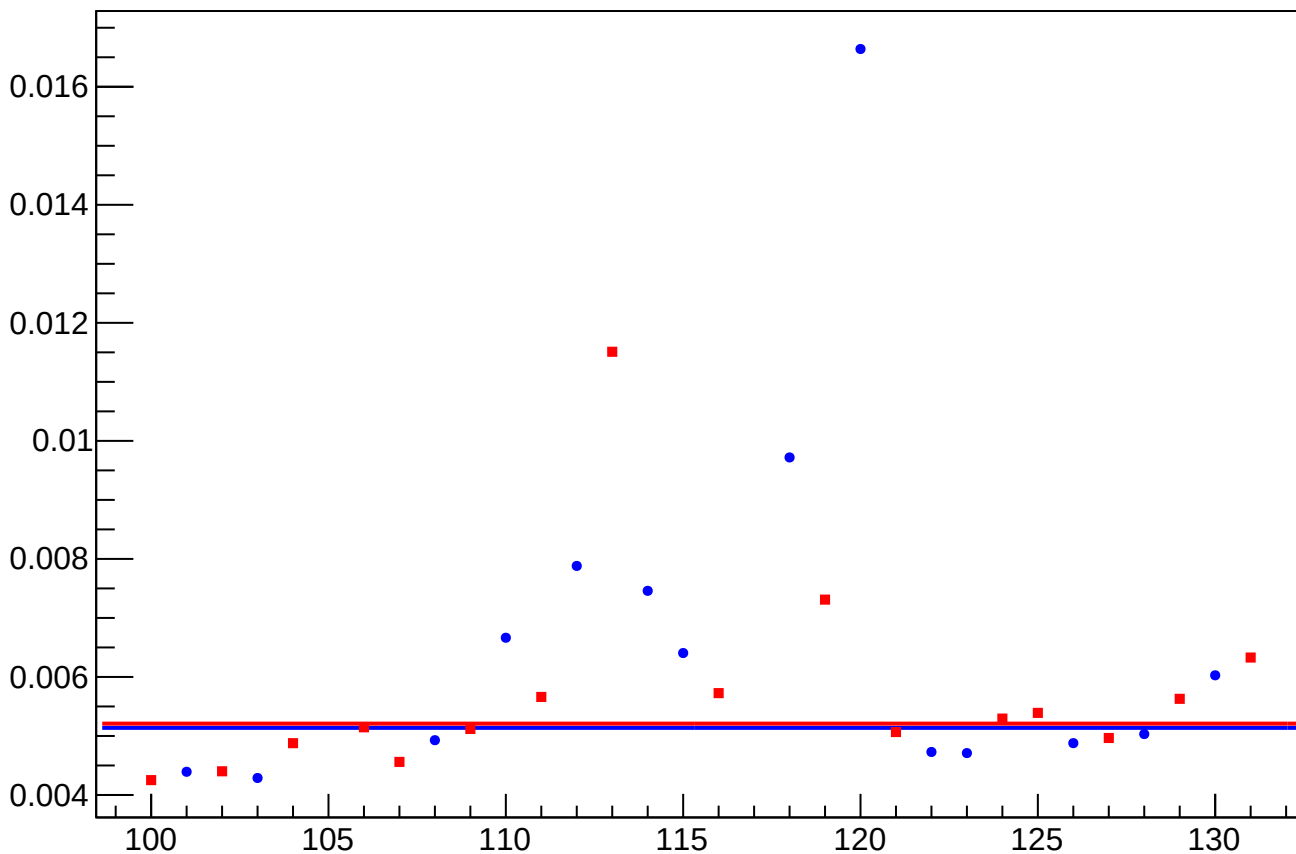
Right: -0.735+/-0.000 χ^2/NDF : 16070578434.1/29

In: -0.738+/-0.000 χ^2/NDF :7283367585.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.735+/-0.000 χ^2/NDF : 16070578434.1/29

yield_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 607309.2/13

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

Right Out: 0.005+/-0.000 χ^2/NDF : 316269.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

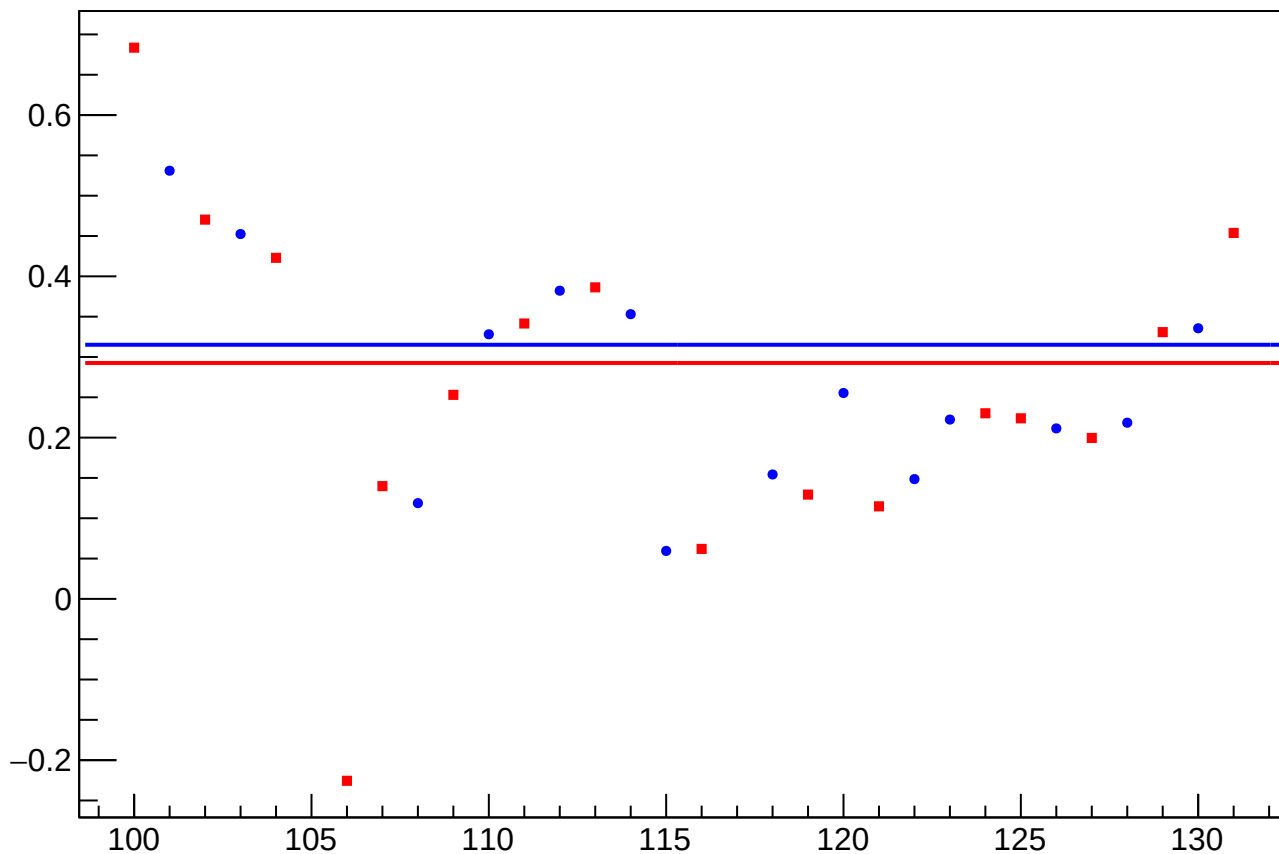
Right: 0.005+/-0.000 χ^2/NDF : 924443.8/29

In: 0.005+/-0.000 χ^2/NDF :607309.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 924443.8/29

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.315+/-0.000 χ^2/NDF : 5354183157.0/13

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

Right Out: 0.293+/-0.000 χ^2/NDF : 7749963049.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

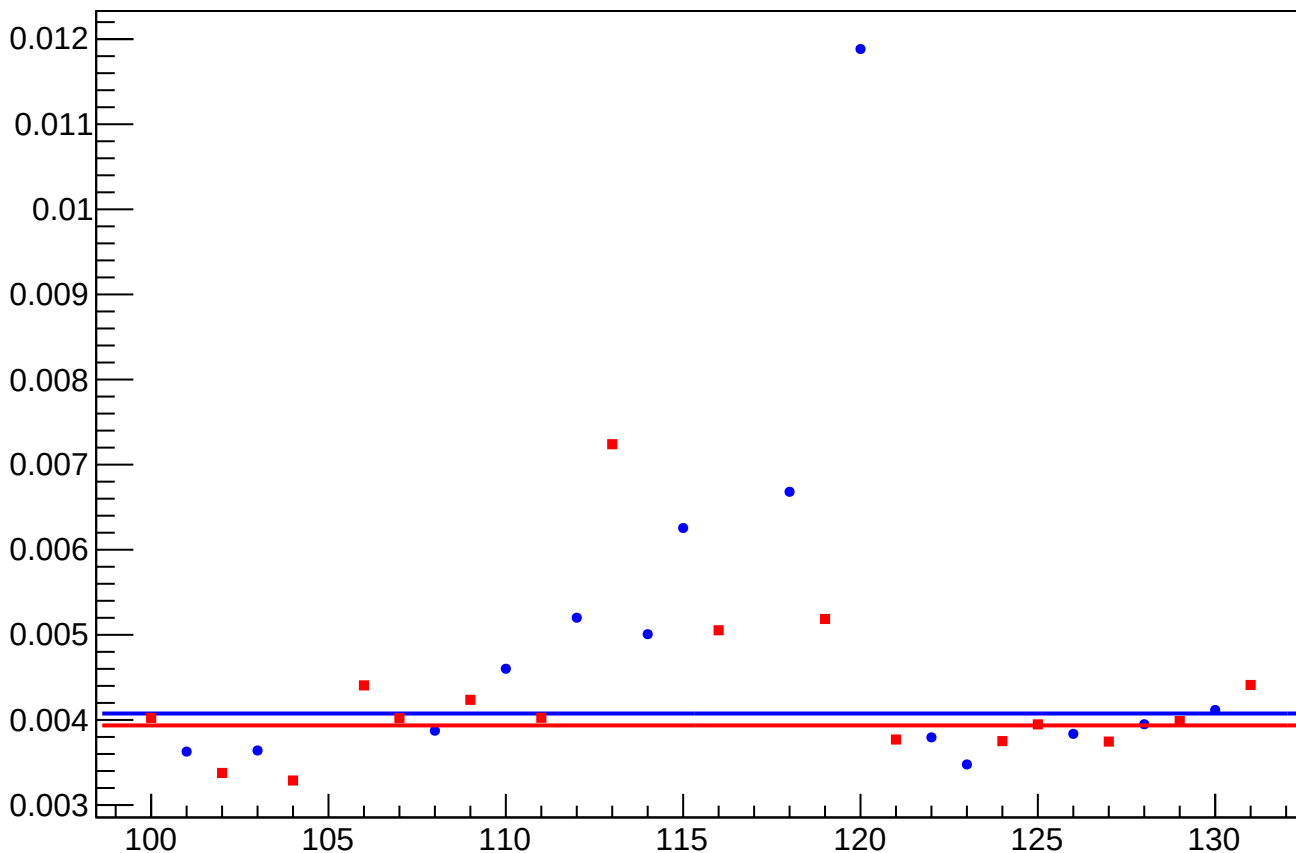
Right: 0.303+/-0.000 χ^2/NDF : 13177916804.9/29

In: 0.315+/-0.000 χ^2/NDF :5354183157.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.303+/-0.000 χ^2/NDF : 13177916804.9/29

yield_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 432354.5/13

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

Right Out: 0.004+/-0.000 χ^2/NDF : 246144.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

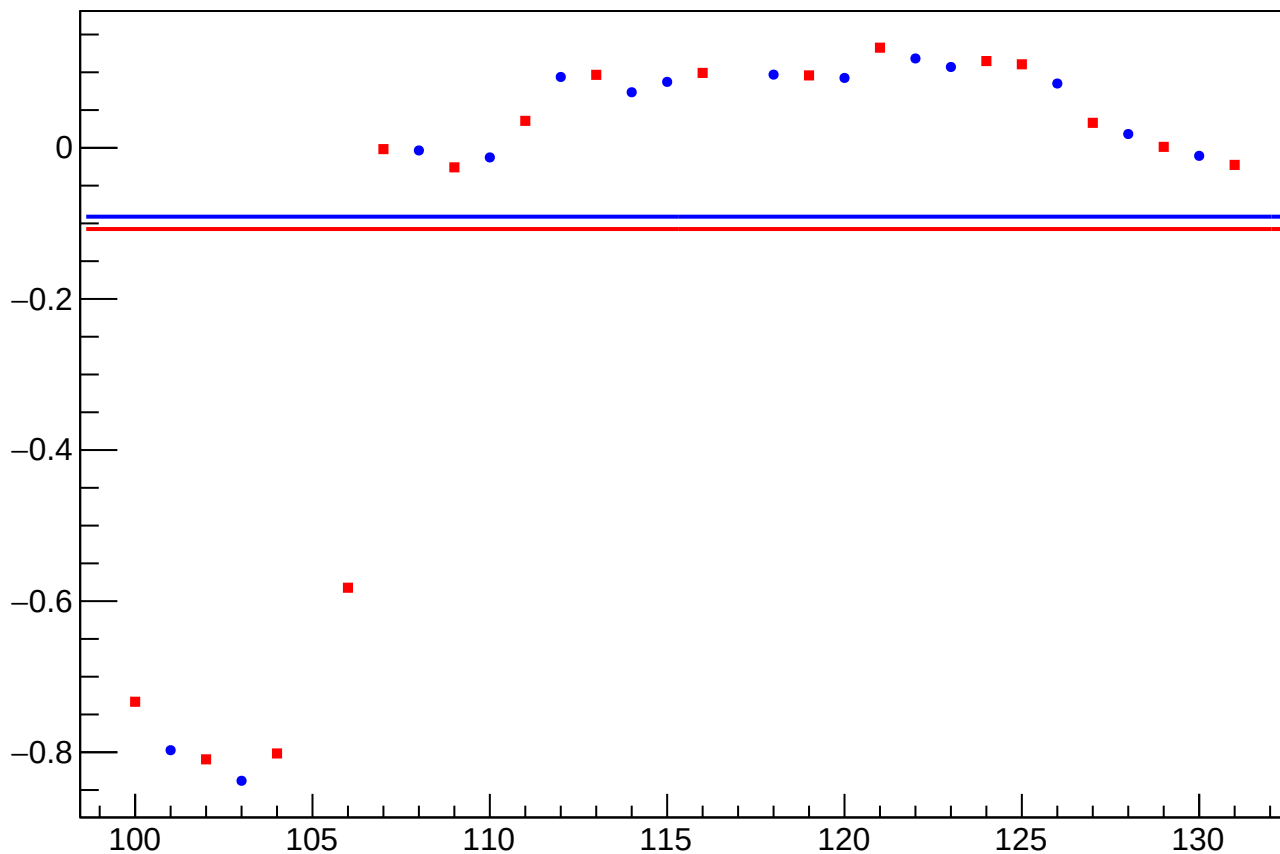
Right: 0.004+/-0.000 χ^2/NDF : 684158.1/29

In: 0.004+/-0.000 χ^2/NDF :432354.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 684158.1/29

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.091+/-0.000 χ^2/NDF : 4966987868.6/13

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

Right Out: -0.107+/-0.000 χ^2/NDF : 5538818023.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

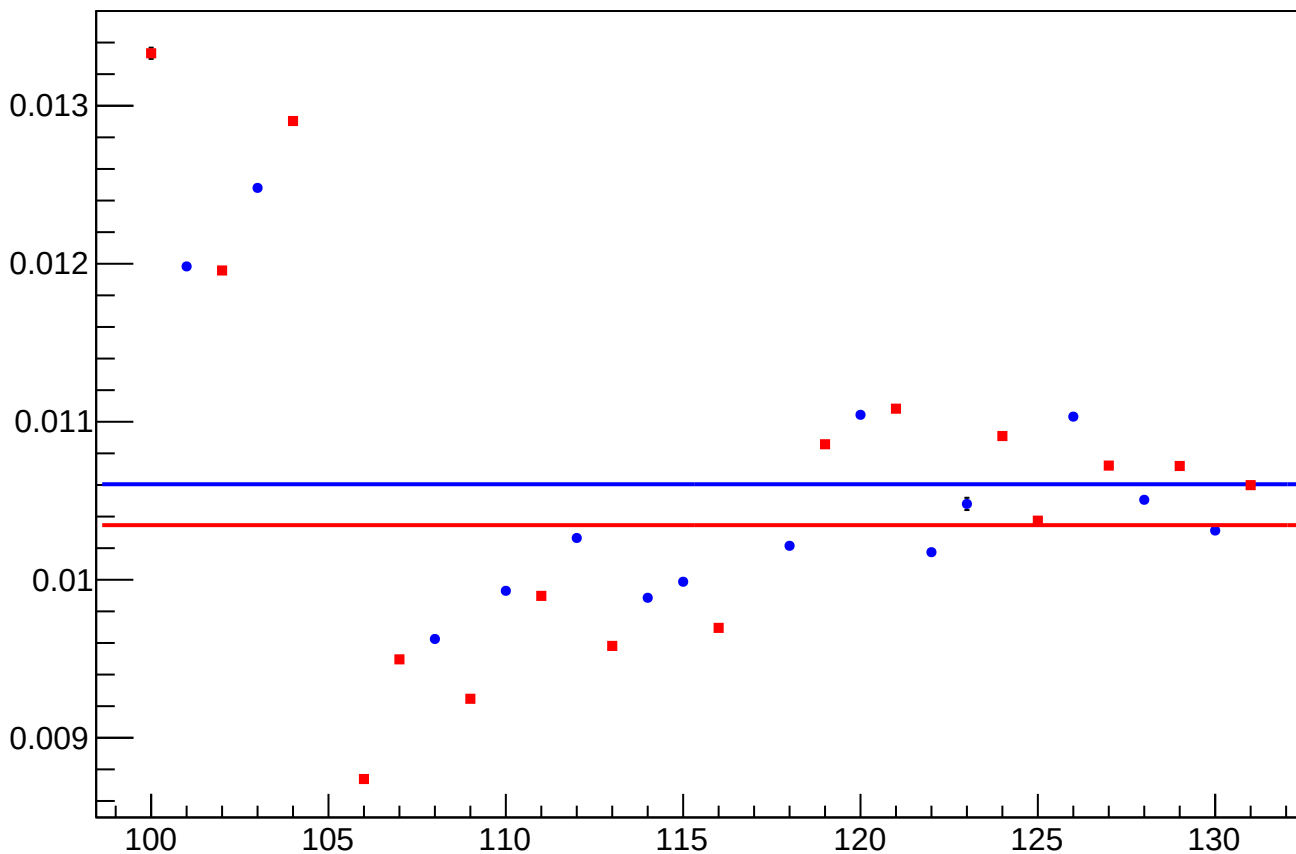
Right: -0.100+/-0.000 χ^2/NDF : 10512564585.3/29

In: -0.091+/-0.000 χ^2/NDF :4966987868.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.100+/-0.000 χ^2/NDF : 10512564585.3/29

yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 61282.2/13

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

Right Out: 0.010+/-0.000 χ^2/NDF : 124723.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

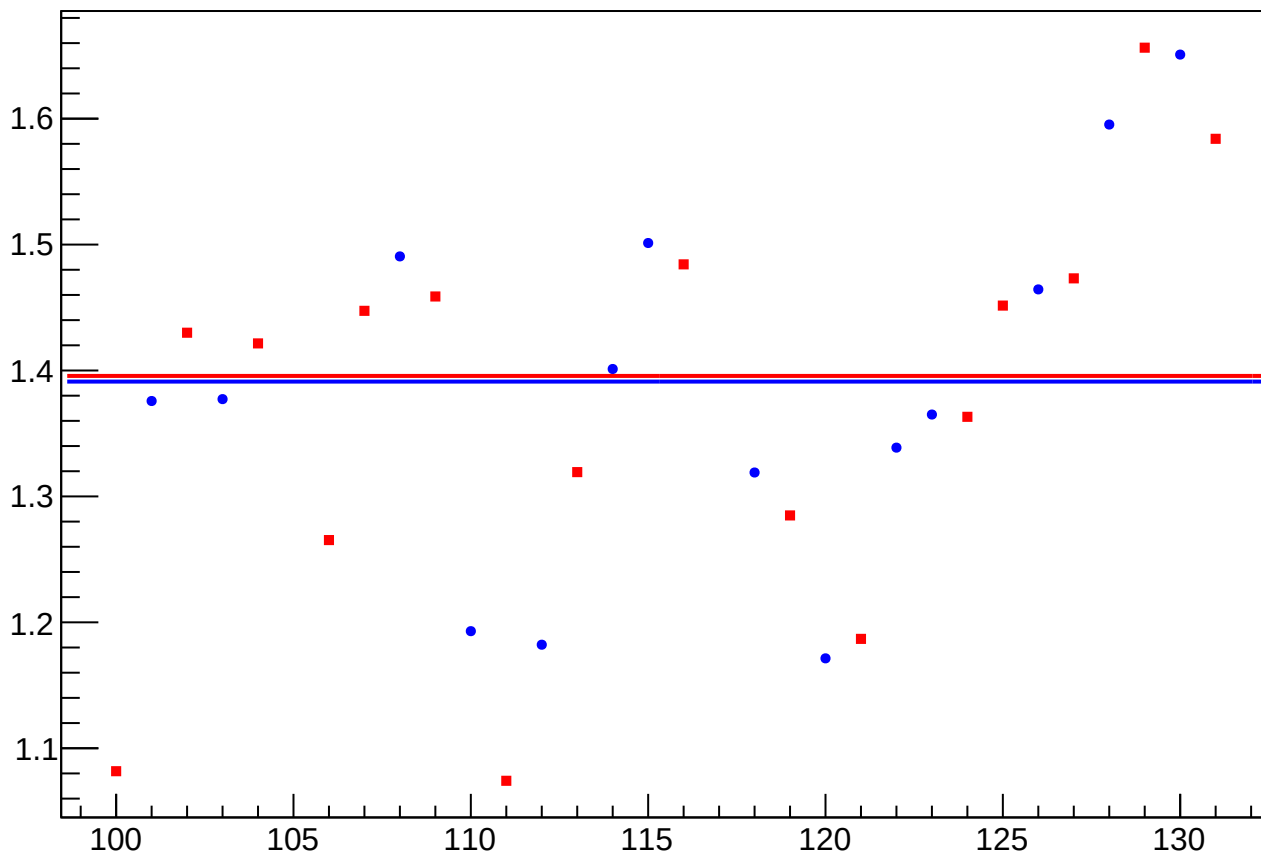
Right: 0.010+/-0.000 χ^2/NDF : 189388.5/29

In: 0.011+/-0.000 χ^2/NDF : 61282.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 189388.5/29

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.391+/-0.000 χ^2/NDF : 1922420692.2/13

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

Right Out: 1.396+/-0.000 χ^2/NDF : 2210378543.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

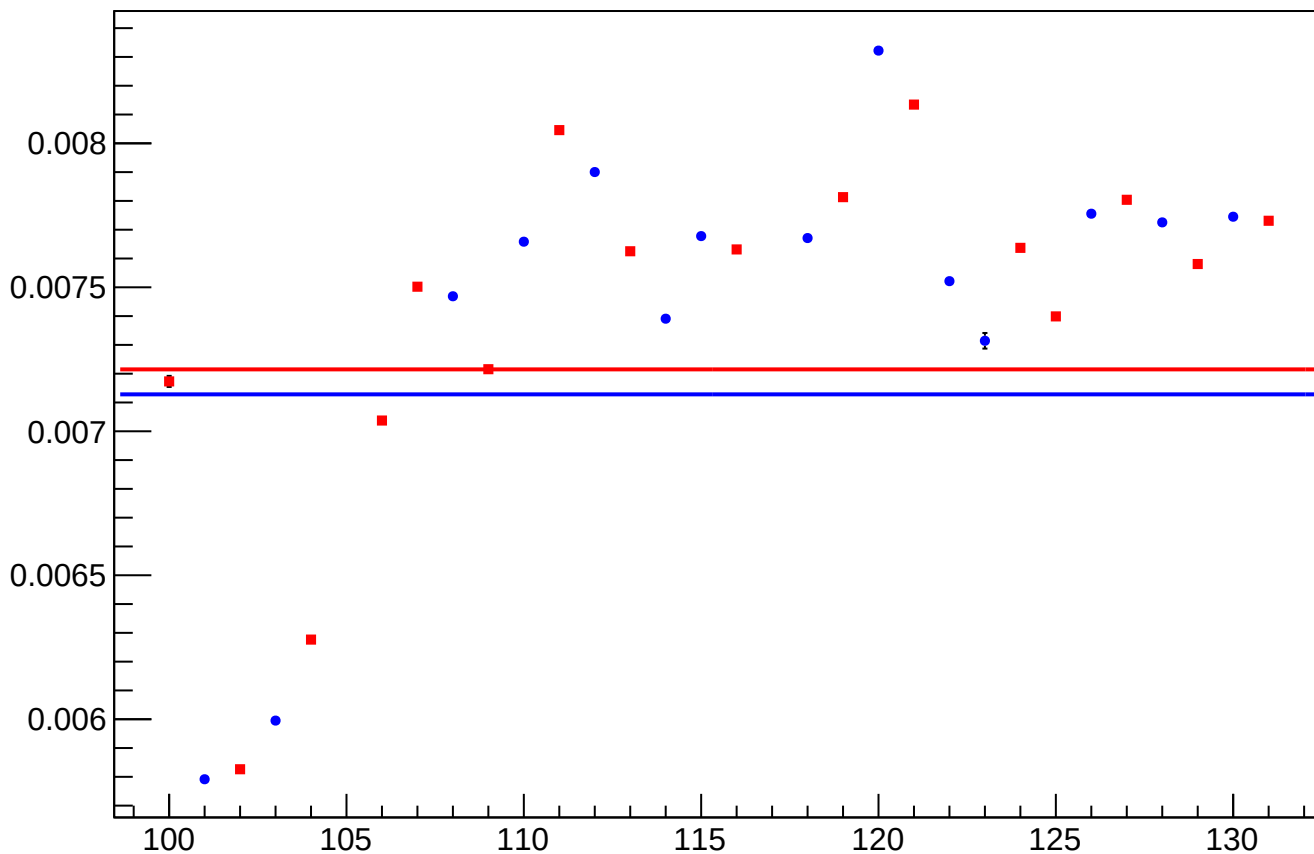
Right: 1.394+/-0.000 χ^2/NDF : 4133888499.0/29

In: 1.391+/-0.000 χ^2/NDF : 1922420692.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.394+/-0.000 χ^2/NDF : 4133888499.0/29

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 155461.7/13

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

Right Out: 0.007+/-0.000 χ^2/NDF : 125034.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

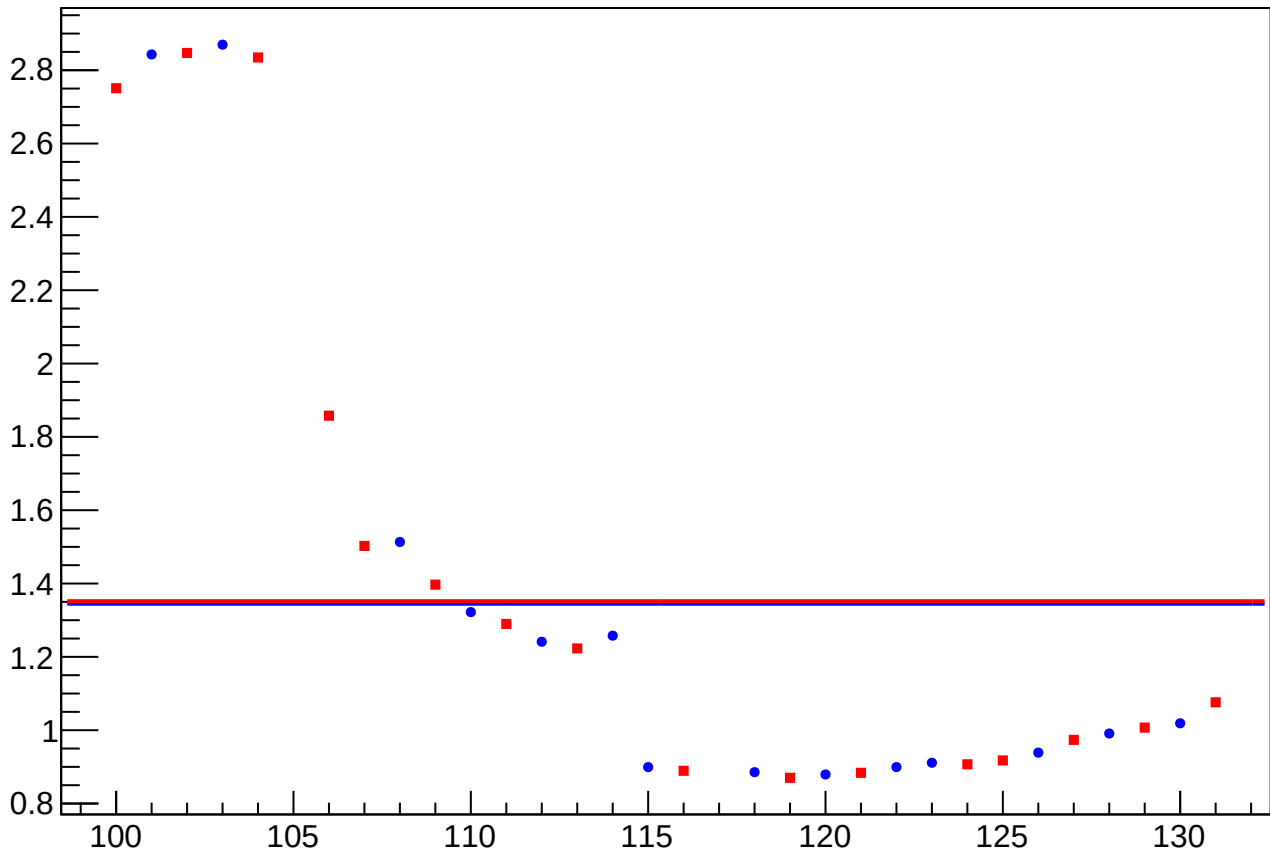
Right: 0.007+/-0.000 χ^2/NDF : 281303.5/29

In: 0.007+/-0.000 χ^2/NDF :155461.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 281303.5/29

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 1.345+/-0.000 χ^2/NDF : 50801590252.9/13

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

Right Out: 1.352+/-0.000 χ^2/NDF : 47813487866.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

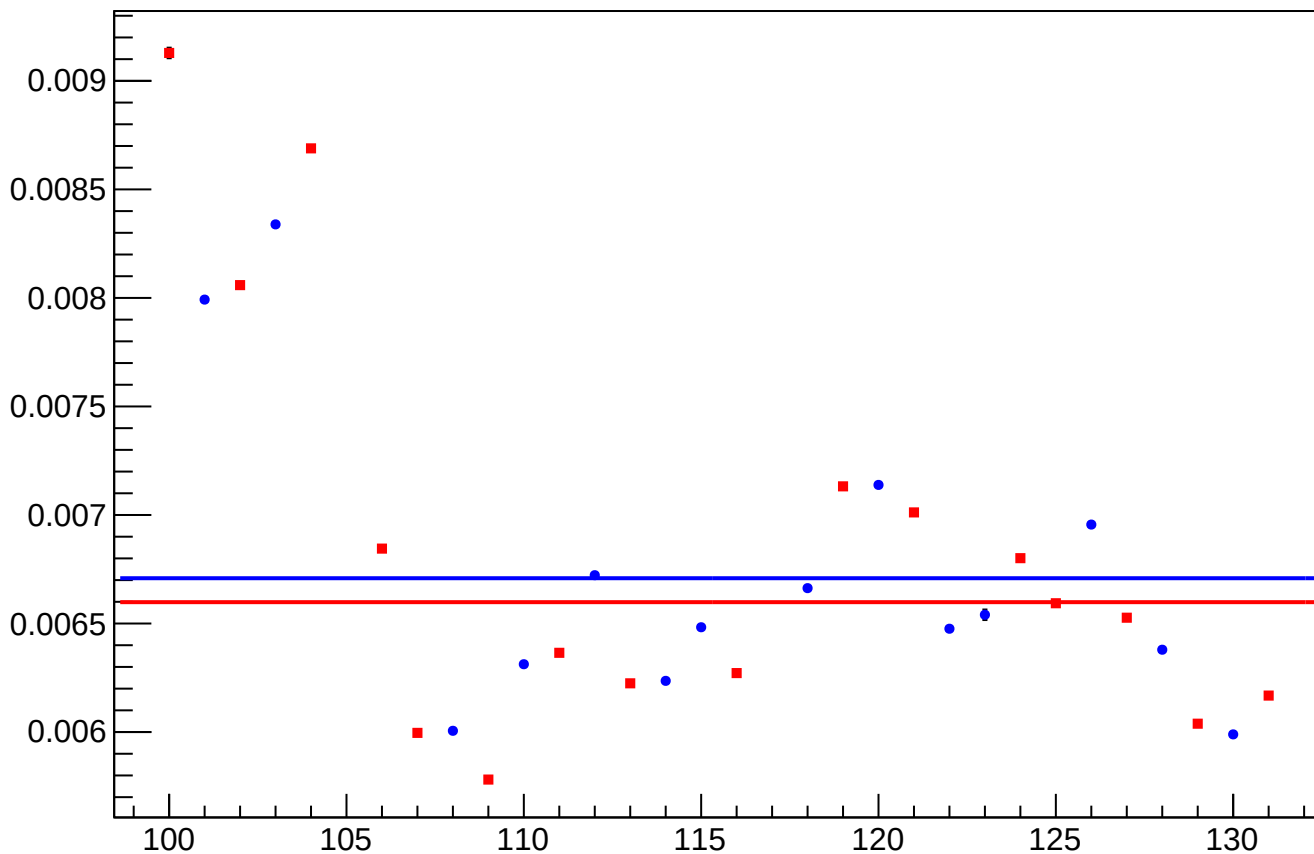
Right: 1.349+/-0.000 χ^2/NDF : 98618035275.5/29

In: 1.345+/-0.000 χ^2/NDF : 50801590252.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.349+/-0.000 χ^2/NDF : 98618035275.5/29

yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 110007.6/13

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

Right Out: 0.007+/-0.000 χ^2/NDF : 157268.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

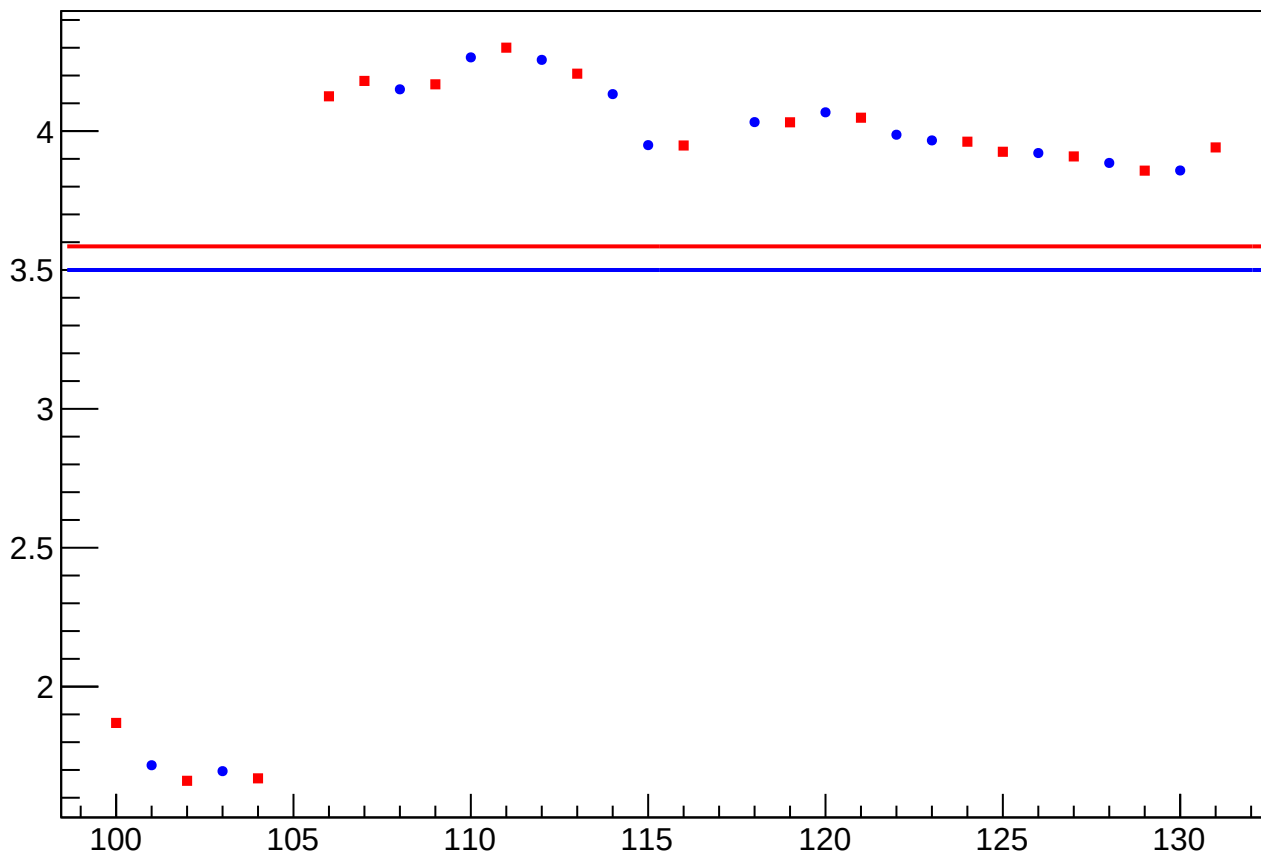
Right: 0.007+/-0.000 χ^2/NDF : 268793.0/29

In: 0.007+/-0.000 χ^2/NDF : 110007.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 268793.0/29

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 3.500+/-0.000 χ^2/NDF : 175772004494.8/13

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

Right Out: 3.585+/-0.000 χ^2/NDF : 184320096298.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

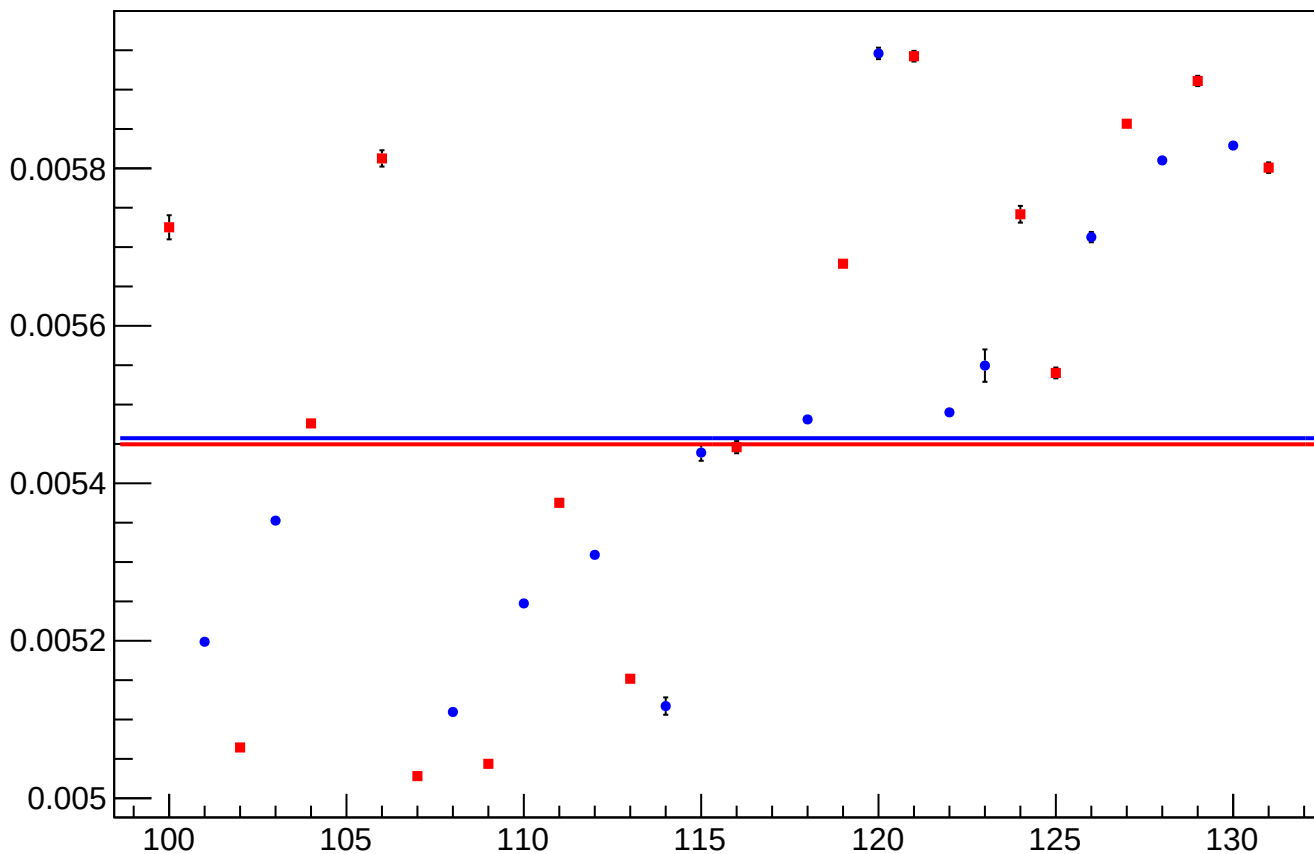
Right: 3.545+/-0.000 χ^2/NDF : 360763563559.6/29

In: 3.500+/-0.000 χ^2/NDF : 175772004494.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.545+/-0.000 χ^2/NDF : 360763563559.6

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 23540.3/13

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

Right Out: 0.005+/-0.000 χ^2/NDF : 42650.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

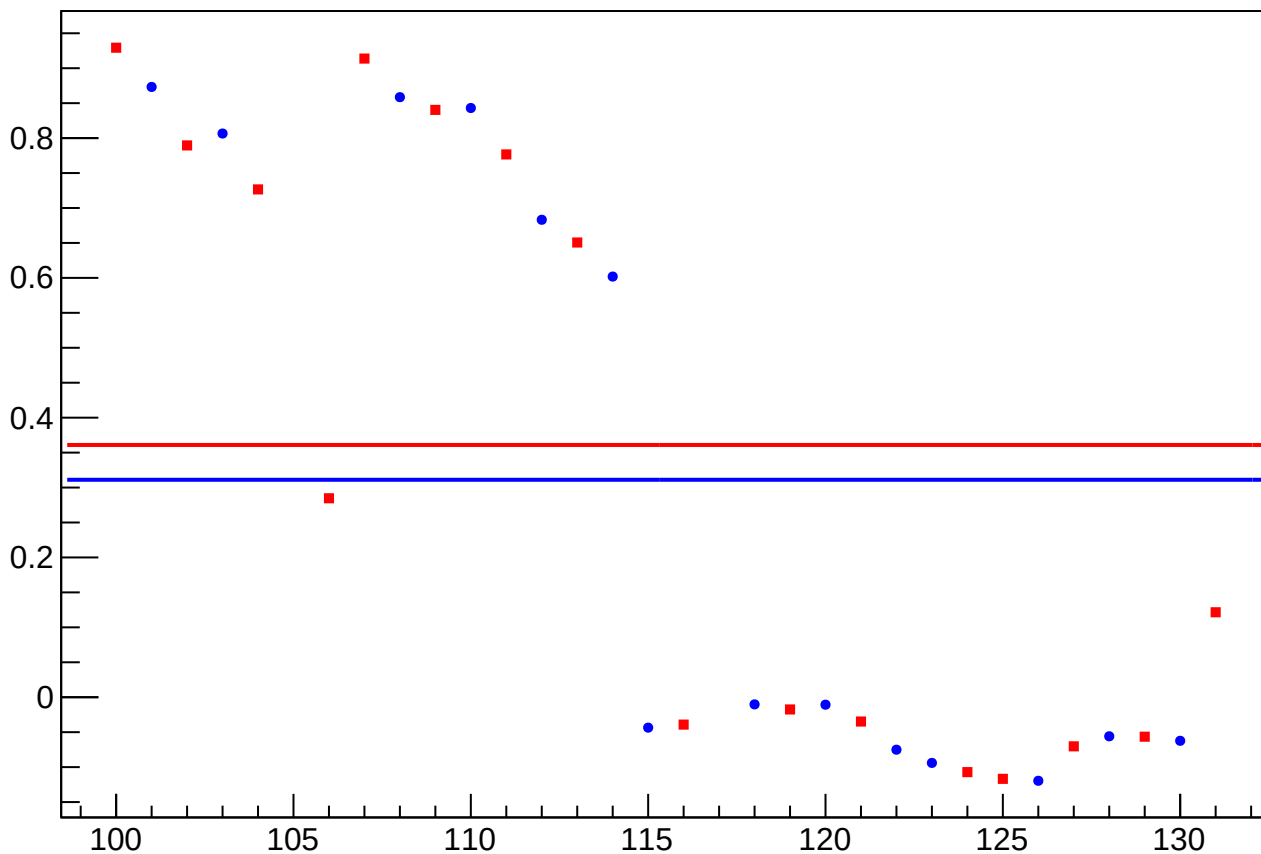
Right: 0.005+/-0.000 χ^2/NDF : 66201.6/29

In: 0.005+/-0.000 χ^2/NDF : 23540.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 66201.6/29

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.311+/-0.000 χ^2/NDF : 4892996591.2/13

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

Right Out: 0.361+/-0.000 χ^2/NDF : 5001679756.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

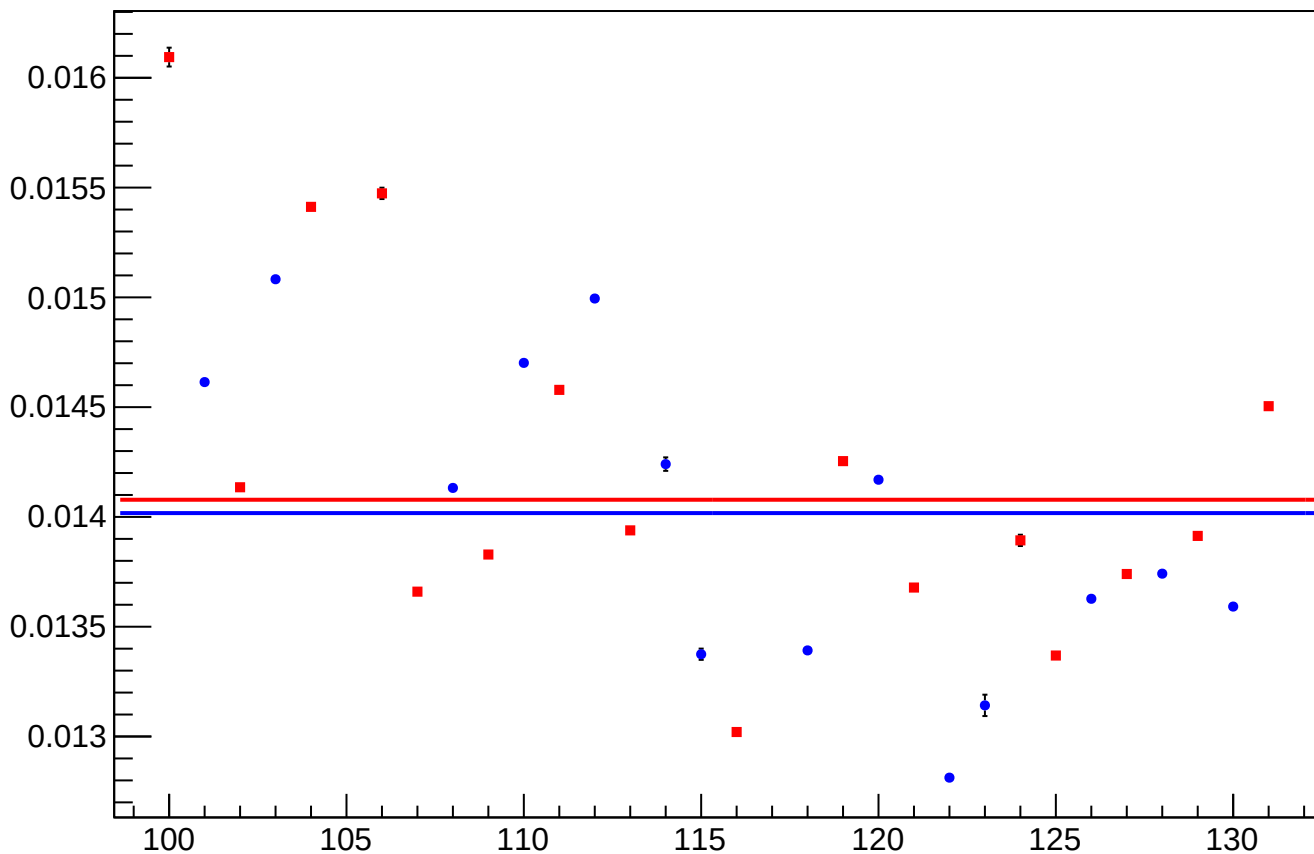
Right: 0.337+/-0.000 χ^2/NDF : 9929359514.8/29

In: 0.311+/-0.000 χ^2/NDF : 4892996591.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.337+/-0.000 χ^2/NDF : 9929359514.8/29

yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 25522.4/13

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

Right Out: 0.014+/-0.000 χ^2/NDF : 21837.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

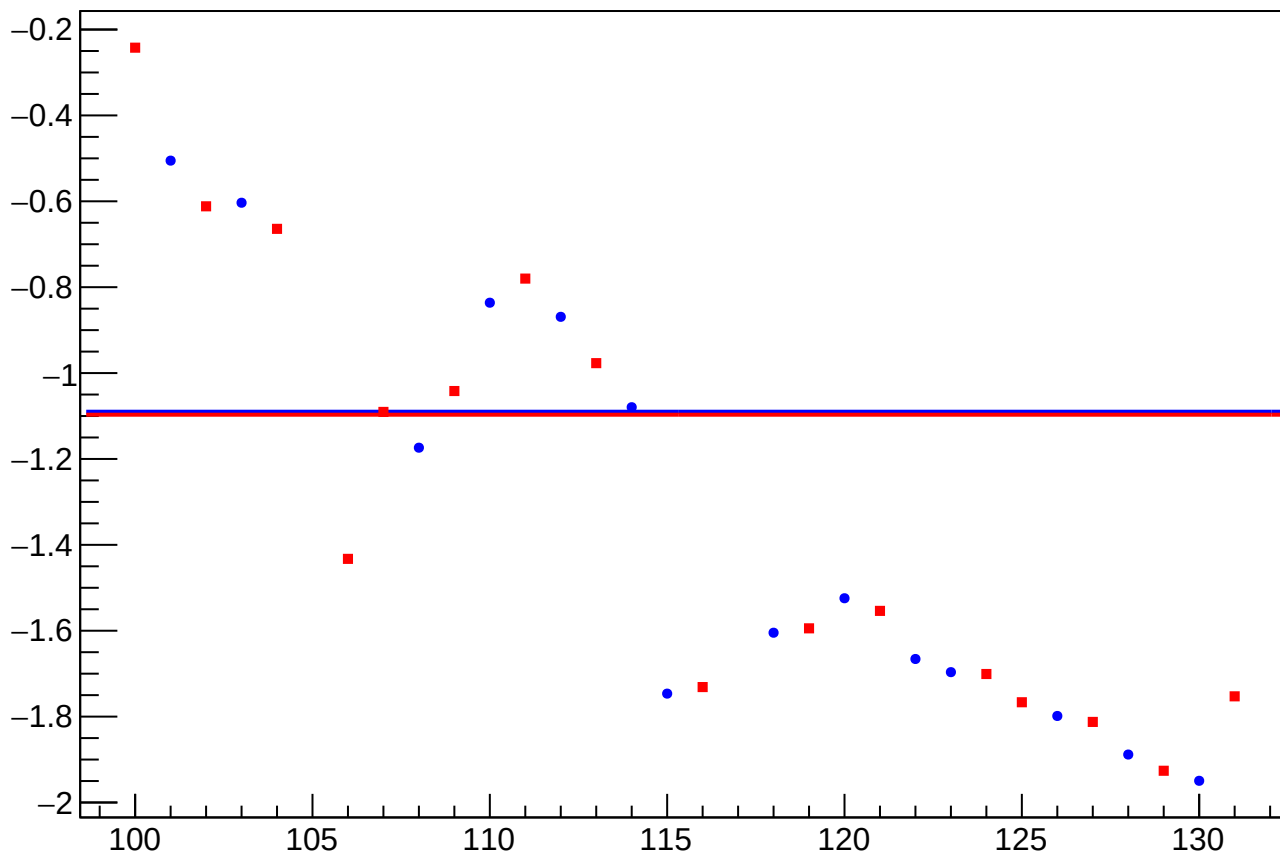
Right: 0.014+/-0.000 χ^2/NDF : 47463.1/29

In: 0.014+/-0.000 χ^2/NDF : 25522.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 47463.1/29

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -1.090+/-0.000 χ^2/NDF : 49869393851.2/13

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

Right Out: -1.097+/-0.000 χ^2/NDF : 43589485254.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

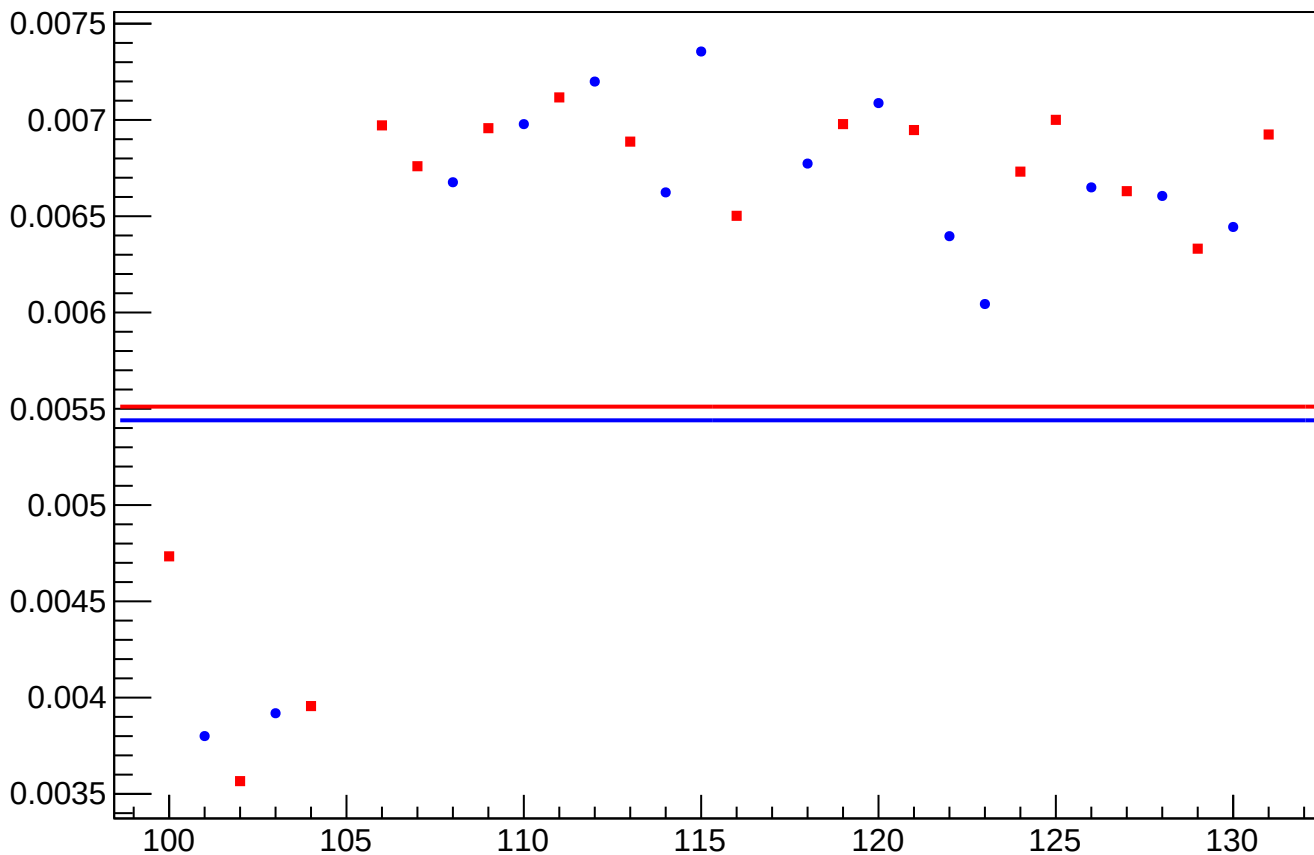
Right: -1.094+/-0.000 χ^2/NDF : 93462823490.6/29

In: -1.090+/-0.000 χ^2/NDF : 49869393851.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.094+/-0.000 χ^2/NDF : 93462823490.6/29

yield_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 653068.5/13

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

Right Out: 0.006+/-0.000 χ^2/NDF : 792200.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

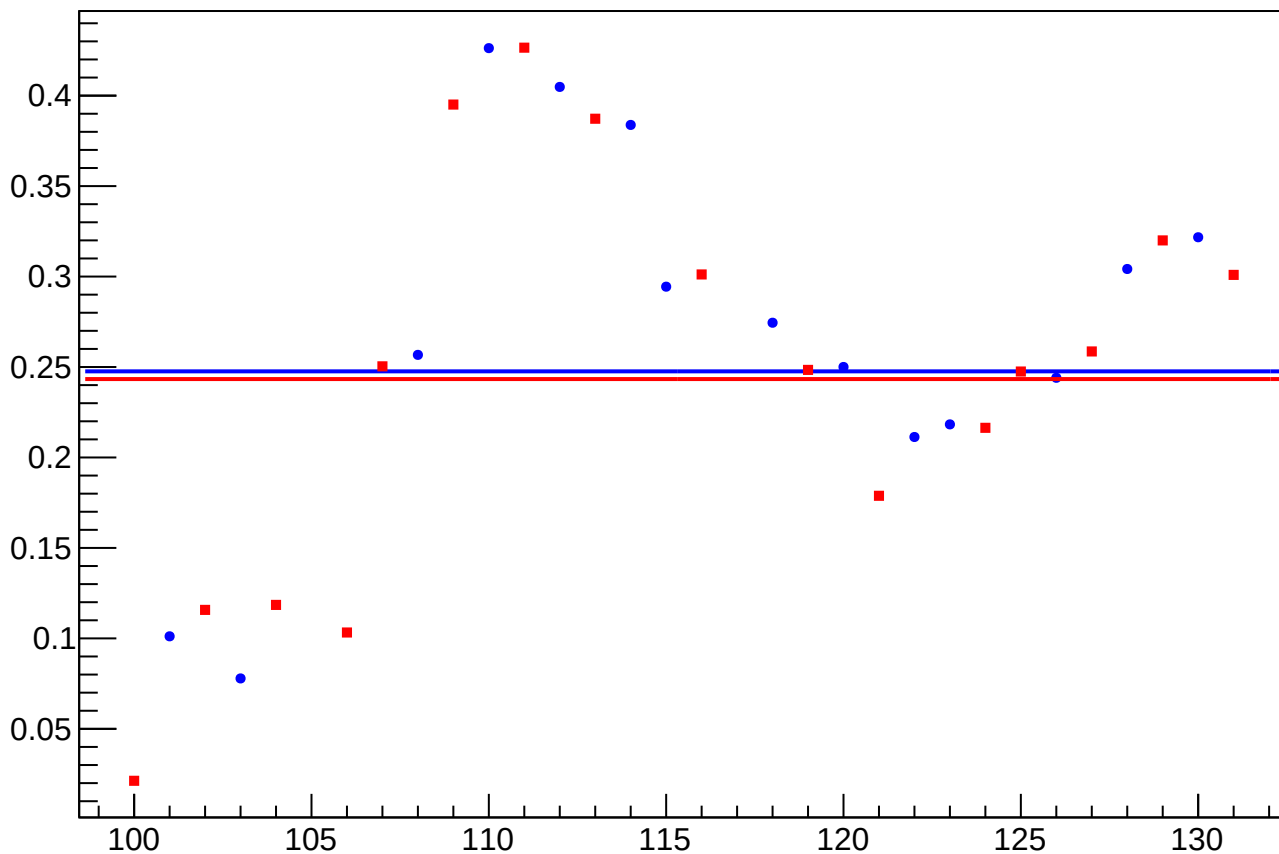
Right: 0.005+/-0.000 χ^2/NDF : 1446090.2/29

In: 0.005+/-0.000 χ^2/NDF :653068.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1446090.2/29

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.248+/-0.000

χ^2/NDF : 20161060059.8/13

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.245+/-0.000 χ^2/NDF : 45541487823.6/29

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.248+/-0.000 χ^2/NDF : 20161060059.8/13

Right Out: 0.243+/-0.000

χ^2/NDF : 25361463222.1/15

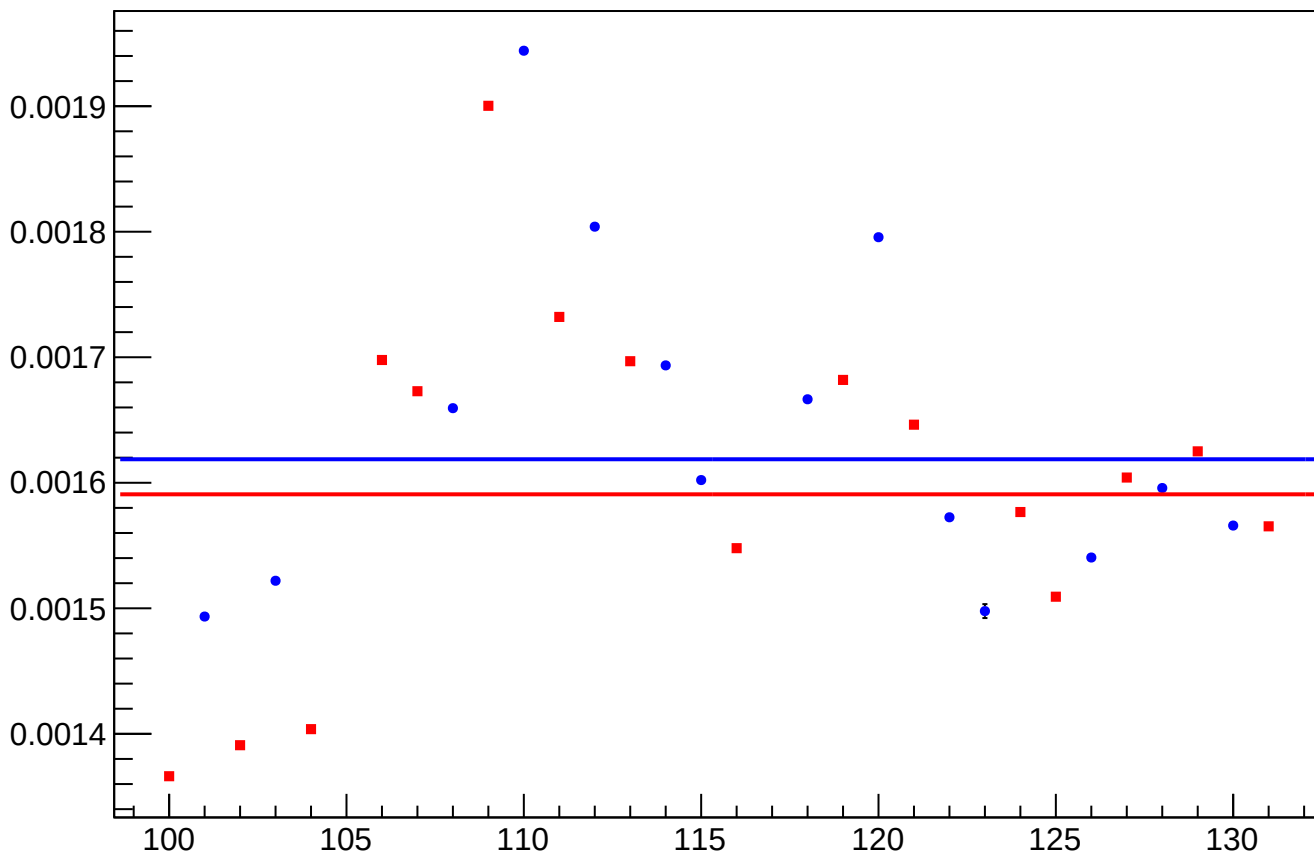
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.245+/-0.000 χ^2/NDF : 45541487823.6/29

yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 50876.5/13

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

Right Out: 0.002+/-0.000 χ^2/NDF : 88247.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

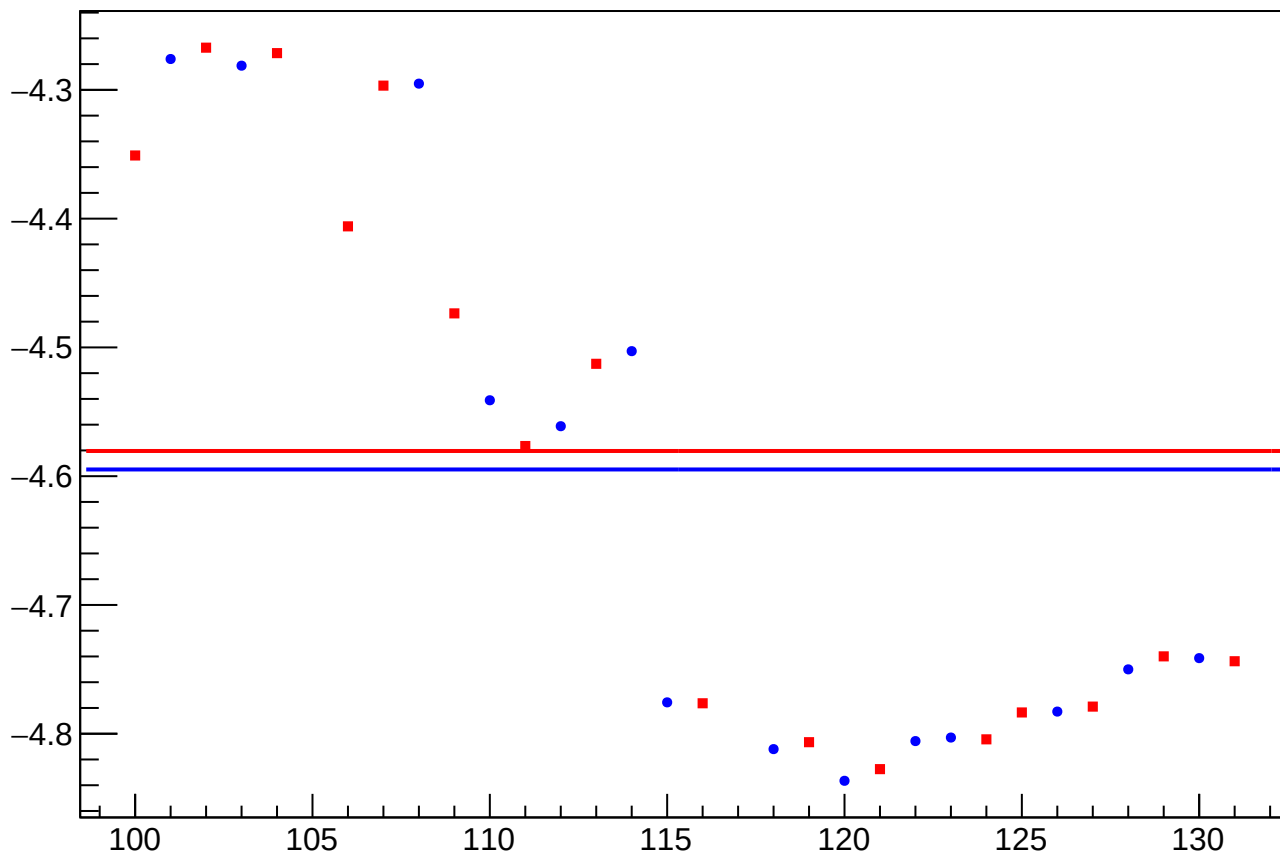
Right: 0.002+/-0.000 χ^2/NDF : 140751.9/29

In: 0.002+/-0.000 χ^2/NDF : 50876.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 140751.9/29

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.595+/-0.000 χ^2/NDF : 73466988355.4/13

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

Right Out: -4.580+/-0.000 χ^2/NDF : 73117378930.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

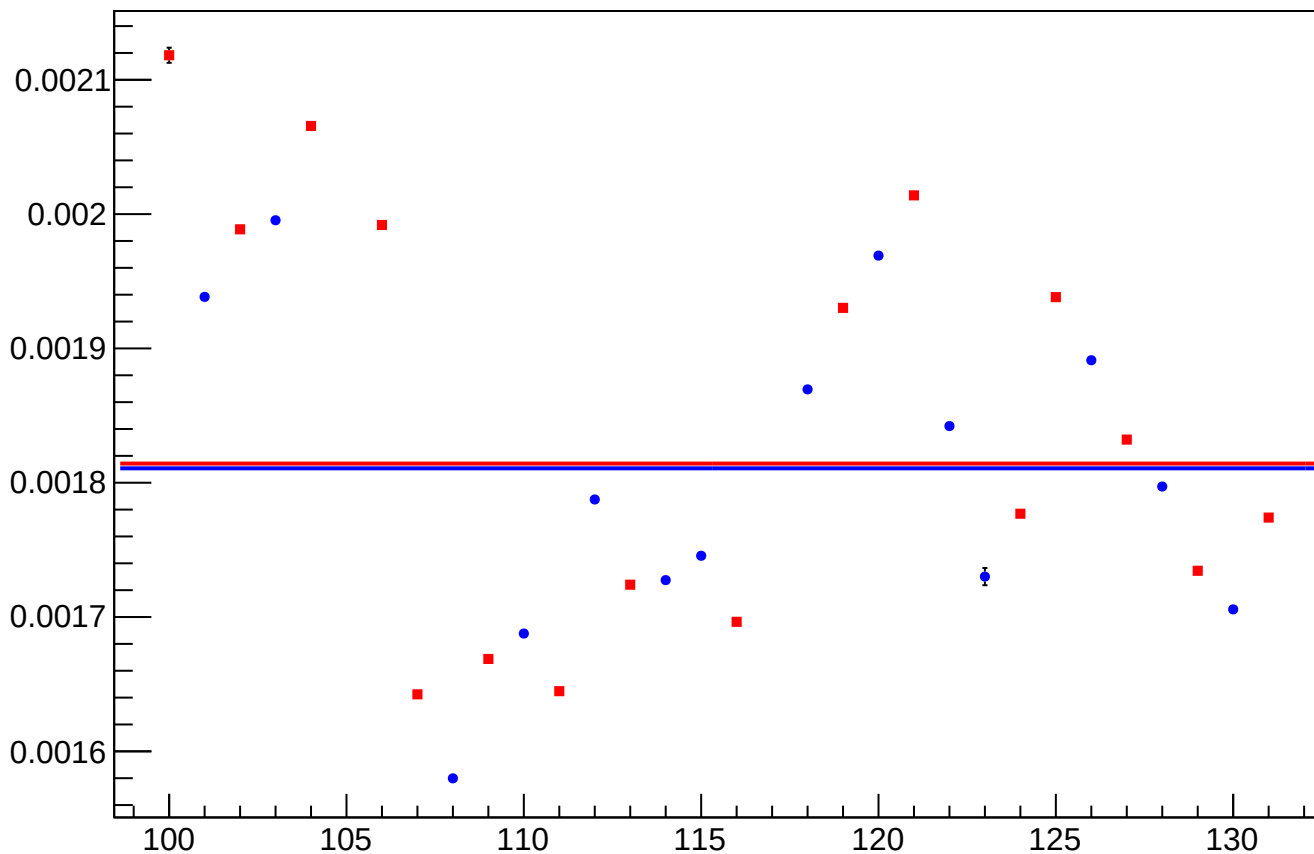
Right: -4.587+/-0.000 χ^2/NDF : 146755006900.5/29

In: -4.595+/-0.000 χ^2/NDF : 73466988355.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.587+/-0.000 χ^2/NDF : 146755006900.5/29

yield_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 45953.6/13

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

Right Out: 0.002+/-0.000 χ^2/NDF : 74548.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

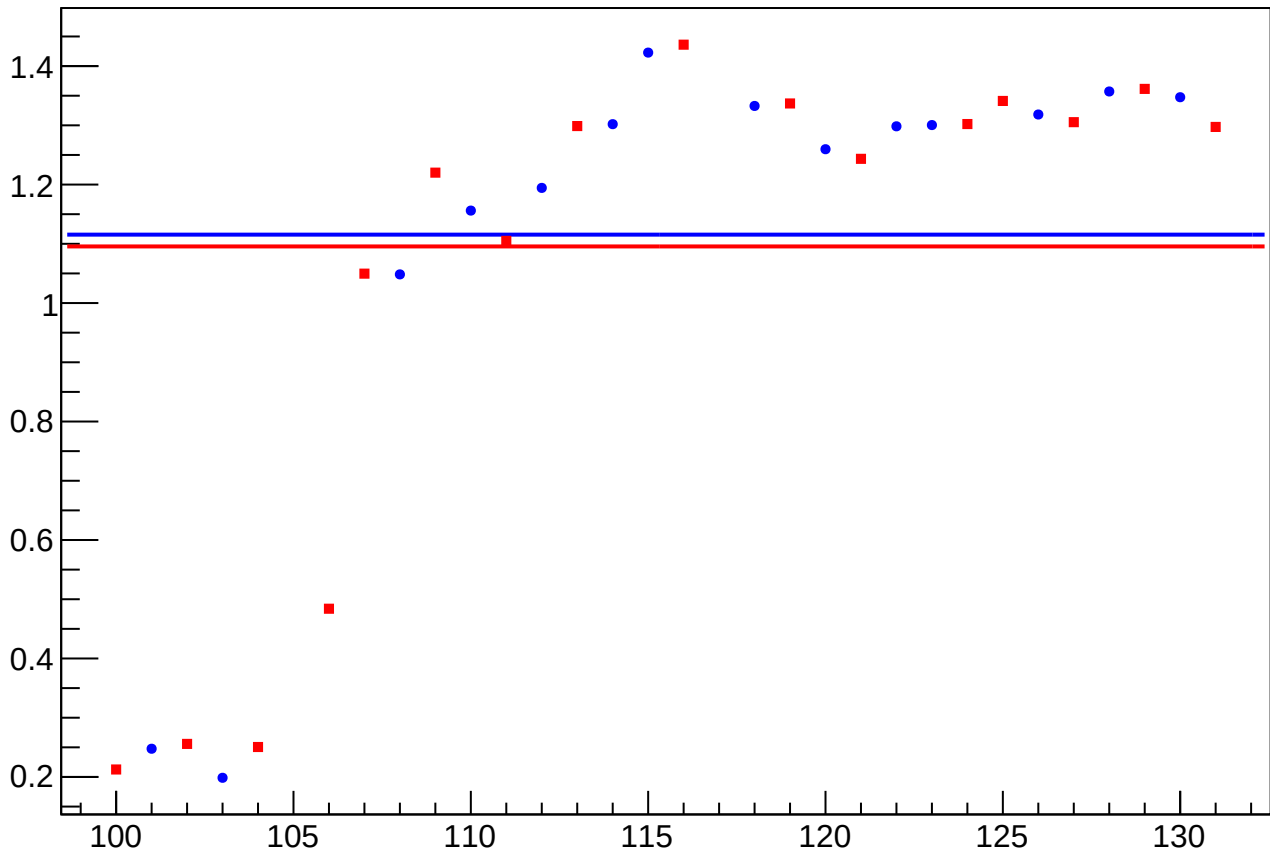
Right: 0.002+/-0.000 χ^2/NDF : 120522.6/29

In: 0.002+/-0.000 χ^2/NDF : 45953.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 120522.6/29

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 1.115+/-0.000 χ^2/NDF : 14465872941.2/13

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

Right Out: 1.096+/-0.000 χ^2/NDF : 16677274584.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

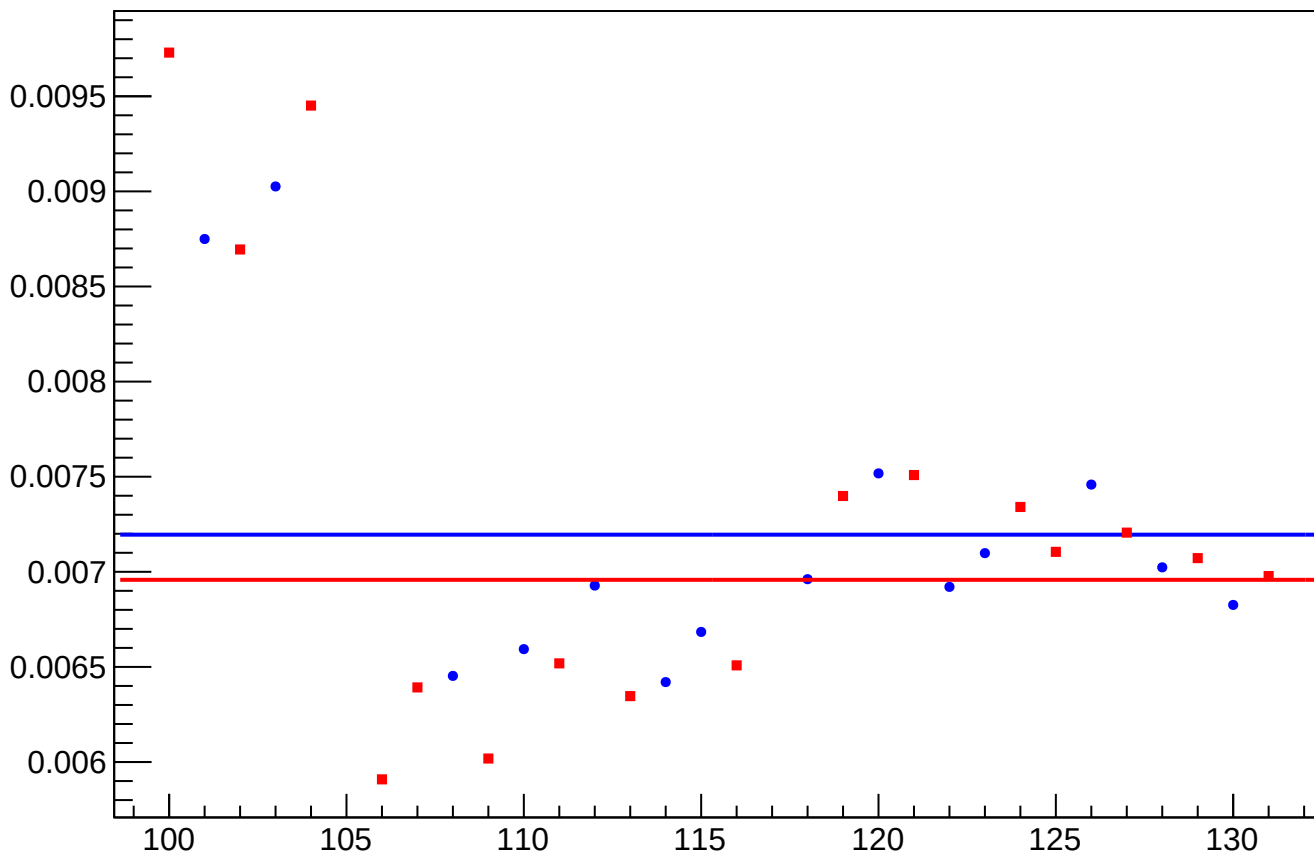
Right: 1.105+/-0.000 χ^2/NDF : 31164943296.6/29

In: 1.115+/-0.000 χ^2/NDF : 14465872941.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.105+/-0.000 χ^2/NDF : 31164943296.6/29

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 113543.8/13

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

Right Out: 0.007+/-0.000 χ^2/NDF : 197828.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

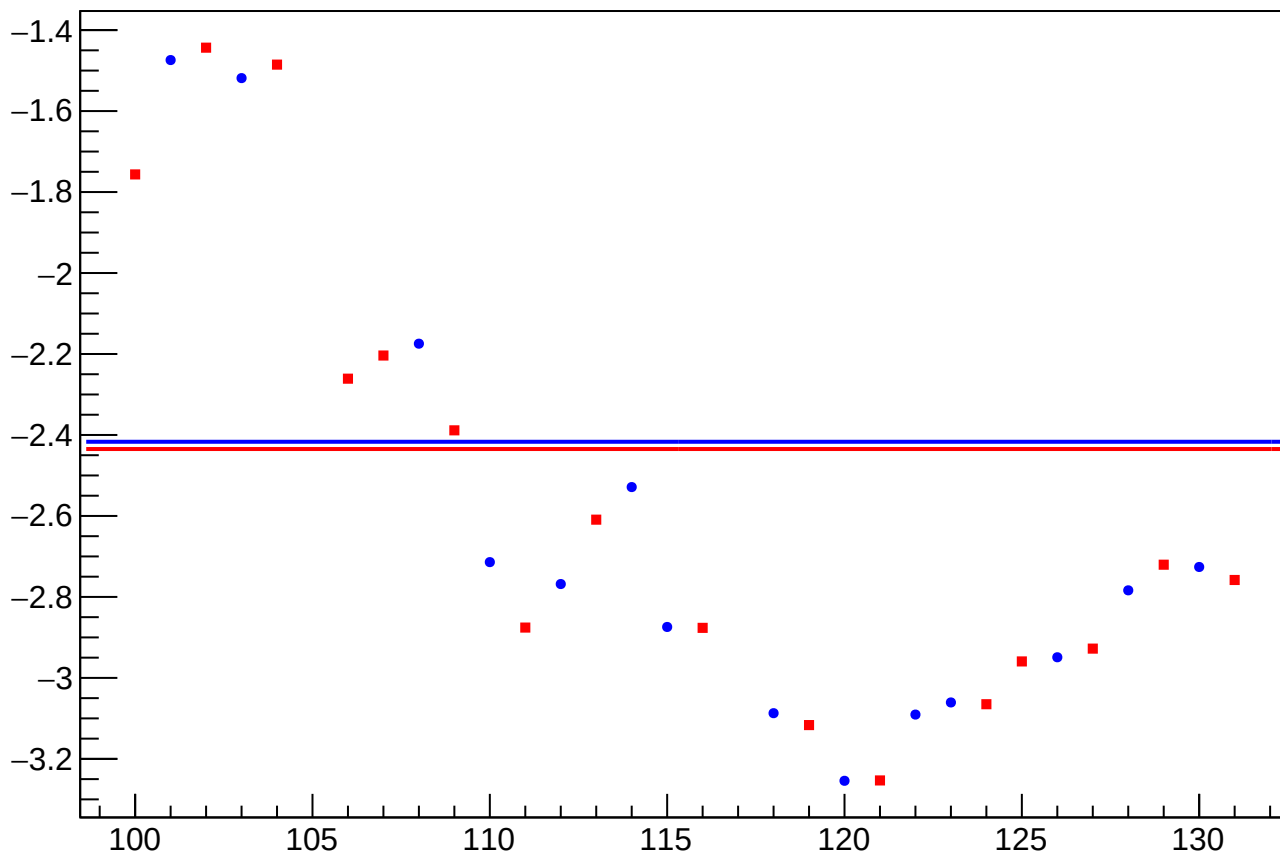
Right: 0.007+/-0.000 χ^2/NDF : 317567.6/29

In: 0.007+/-0.000 χ^2/NDF :113543.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 317567.6/29

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -2.417+/-0.000 χ^2/NDF : 50556784976.3/13

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

Right Out: -2.435+/-0.000 χ^2/NDF : 49278273787.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

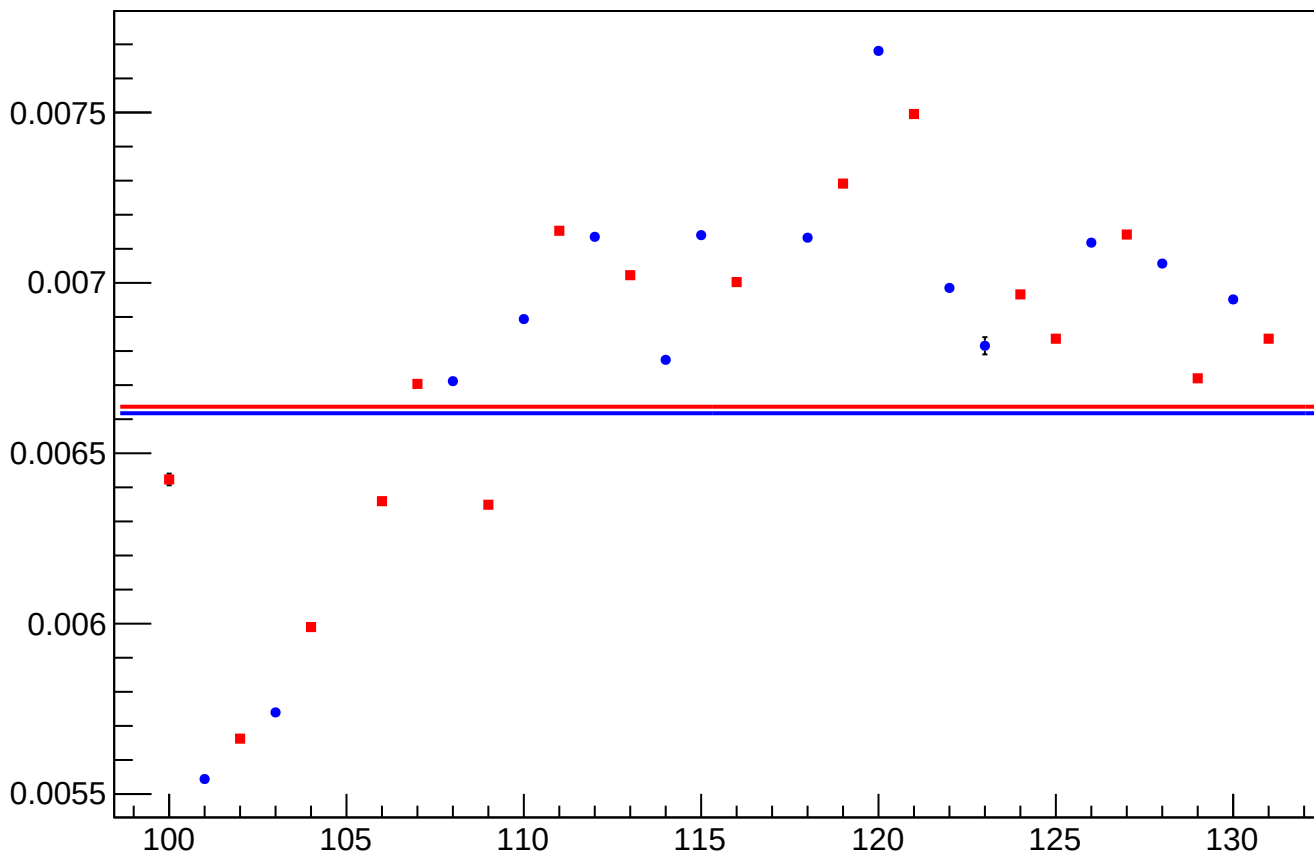
Right: -2.426+/-0.000 χ^2/NDF : 99855427957.9/29

In: -2.417+/-0.000 χ^2/NDF :50556784976.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.426+/-0.000 χ^2/NDF : 99855427957.9/29

yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 108380.0/13

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

Right Out: 0.007+/-0.000 χ^2/NDF : 80473.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

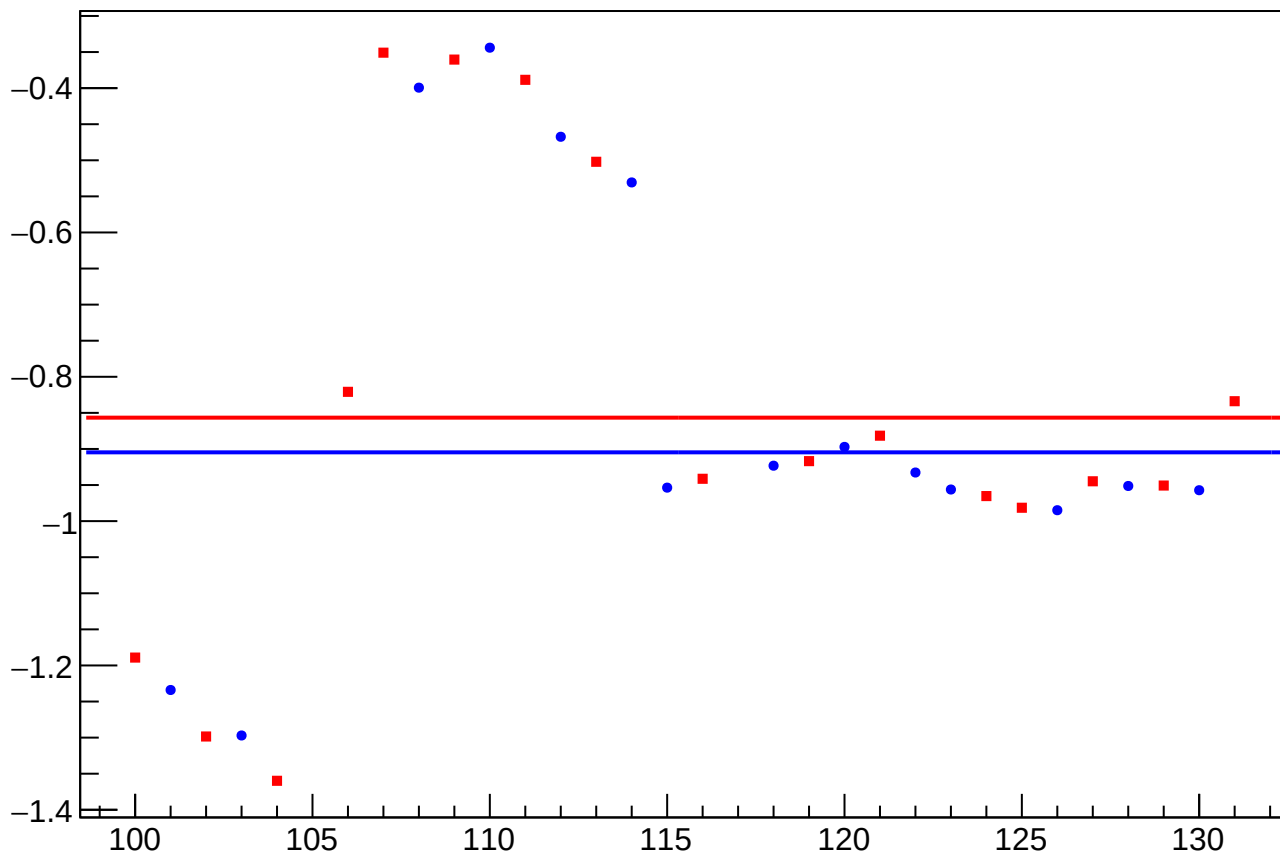
Right: 0.007+/-0.000 χ^2/NDF : 188900.0/29

In: 0.007+/-0.000 χ^2/NDF : 108380.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 188900.0/29

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.905+/-0.000 χ^2/NDF : 3910037688.8/13

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

Right Out: -0.857+/-0.000 χ^2/NDF : 5648372052.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

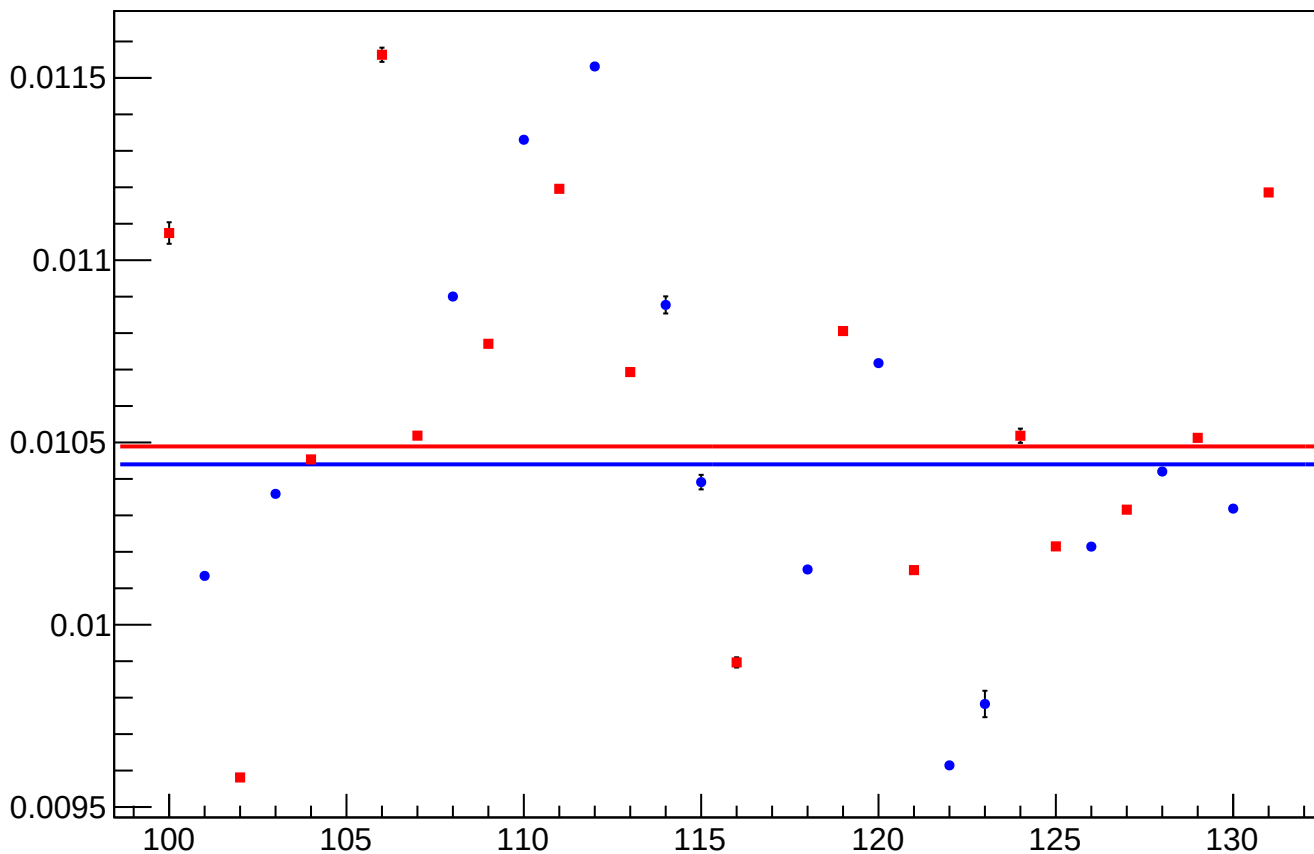
Right: -0.879+/-0.000 χ^2/NDF : 9616296336.5/29

In: -0.905+/-0.000 χ^2/NDF :3910037688.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.879+/-0.000 χ^2/NDF : 9616296336.5/29

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 23387.2/13

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

Right Out: 0.010+/-0.000 χ^2/NDF : 24788.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

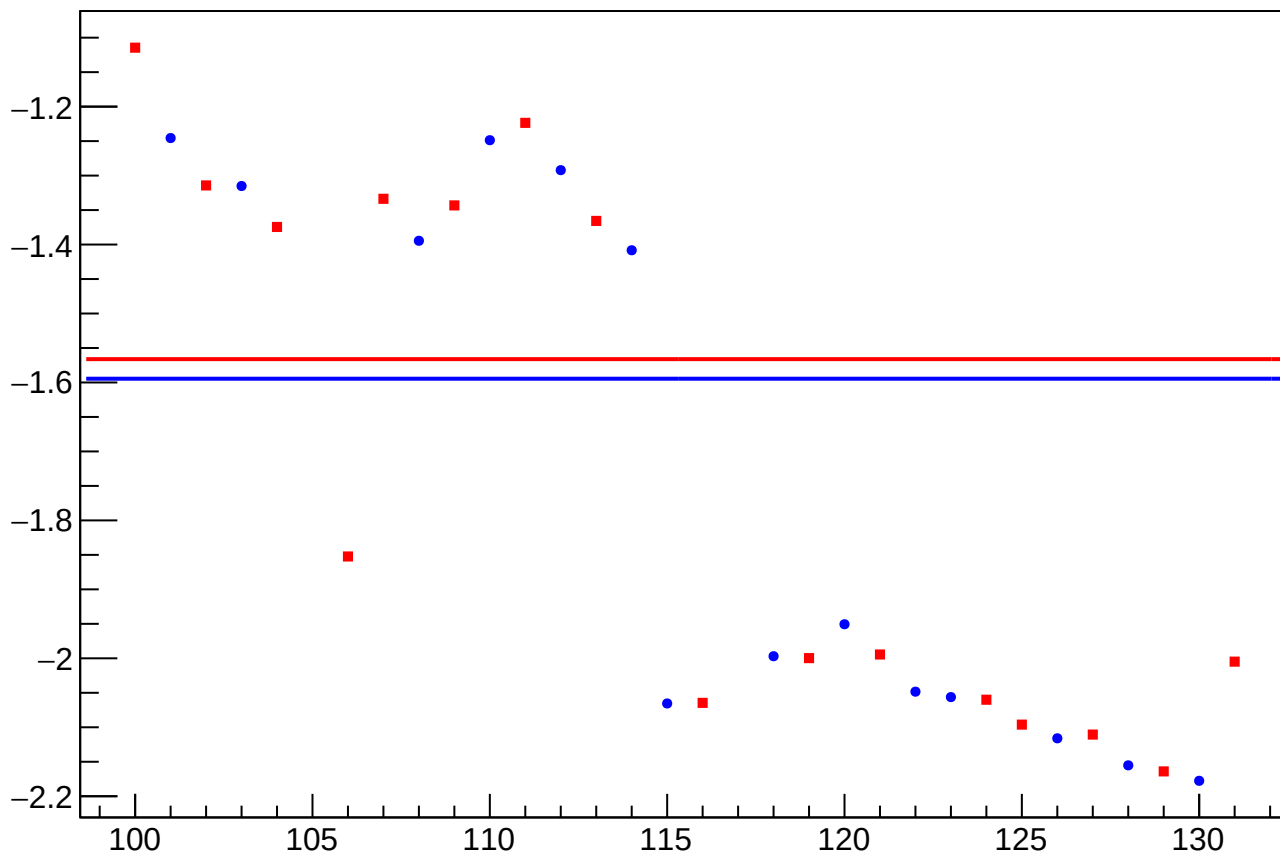
Right: 0.010+/-0.000 χ^2/NDF : 48296.4/29

In: 0.010+/-0.000 χ^2/NDF :23387.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.000 χ^2/NDF : 48296.4/29

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.595+/-0.000 χ^2/NDF : 114506361959.7/13

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

Right Out: -1.566+/-0.000 χ^2/NDF : 106048652611.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

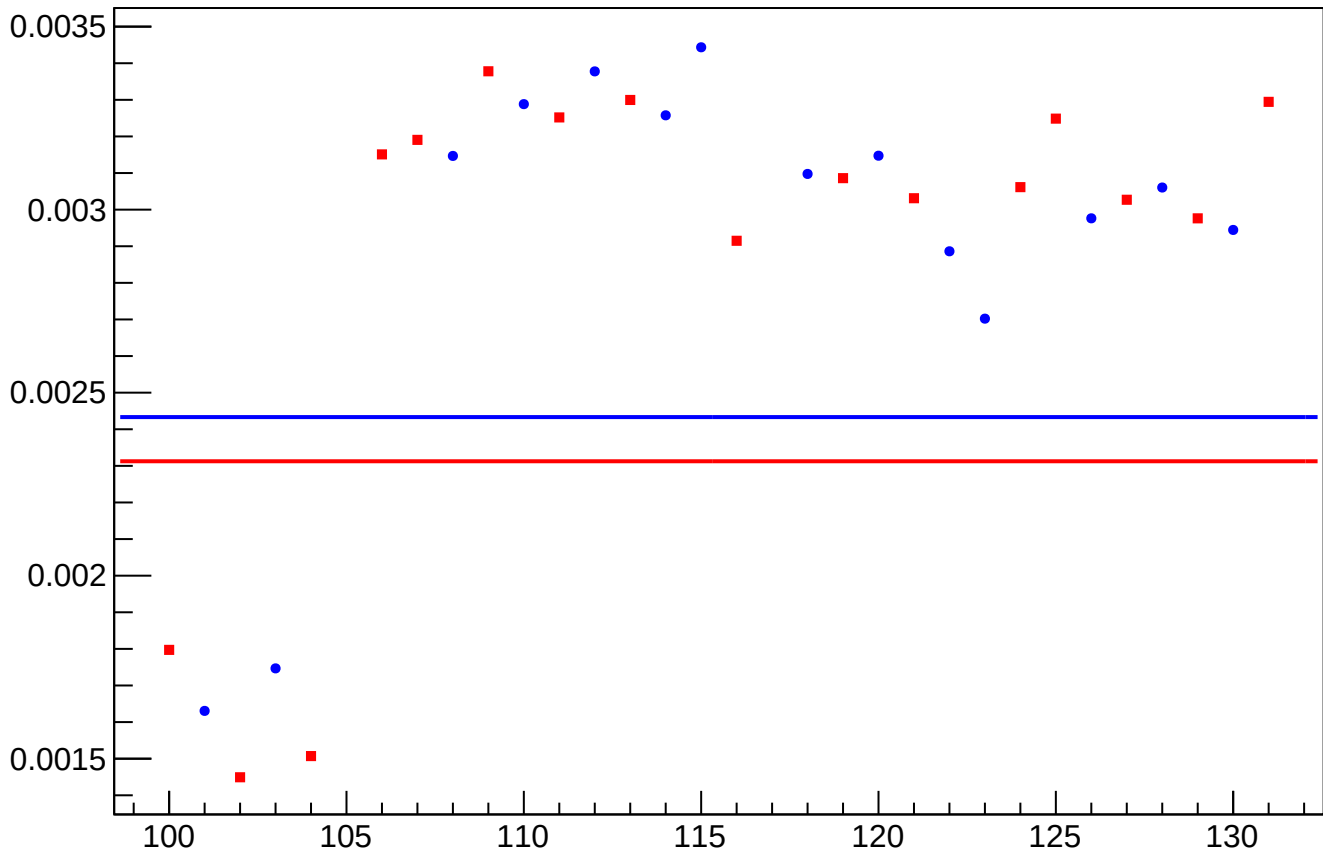
Right: -1.579+/-0.000 χ^2/NDF : 220881573318.2/29

In: -1.595+/-0.000 χ^2/NDF : 114506361959.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.579+/-0.000 χ^2/NDF : 220881573318.2/29

yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 758865.2/13

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

Right Out: 0.002+/-0.000 χ^2/NDF : 1238125.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

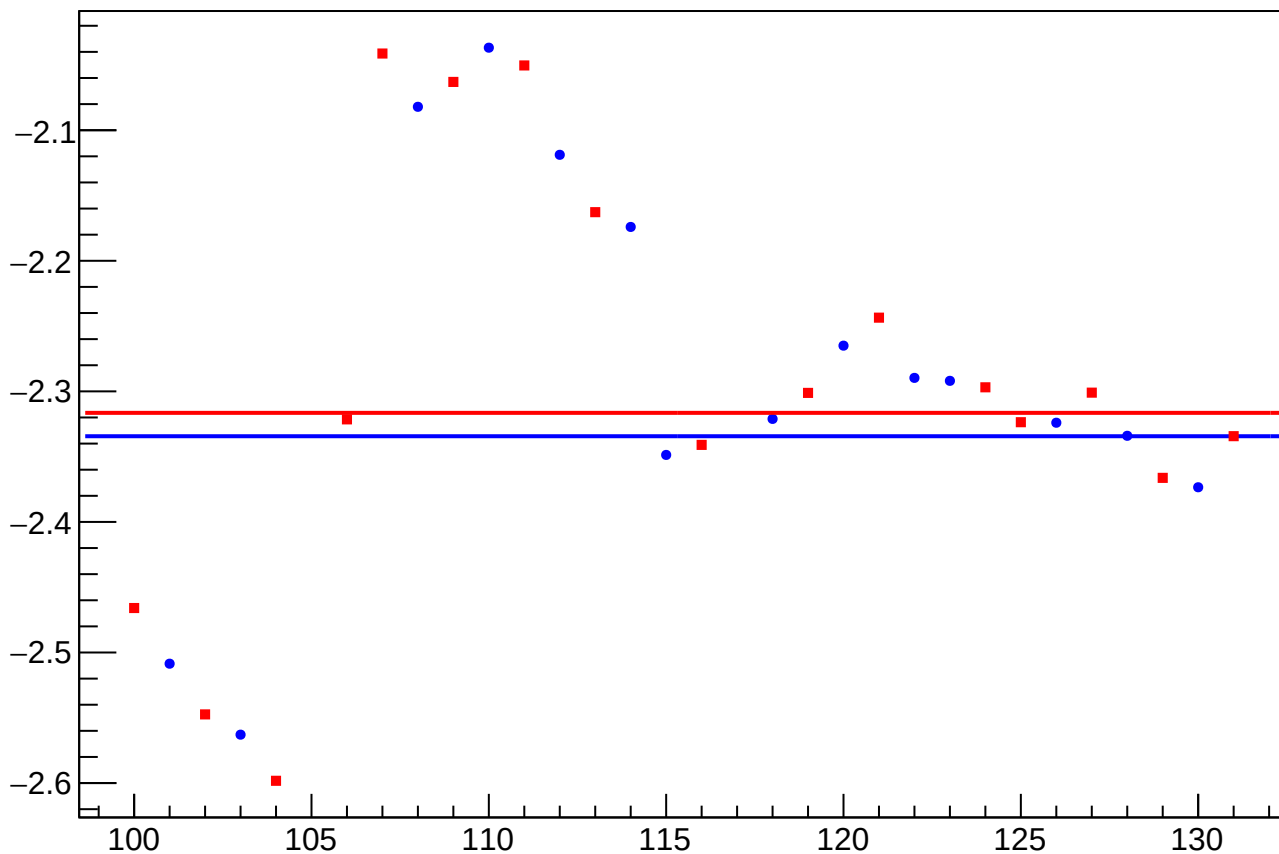
Right: 0.002+/-0.000 χ^2/NDF : 2008796.4/29

In: 0.002+/-0.000 χ^2/NDF :758865.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2008796.4/29

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.334+/-0.000 χ^2/NDF : 3017749940.1/13

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

Right Out: -2.316+/-0.000 χ^2/NDF : 4426199283.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

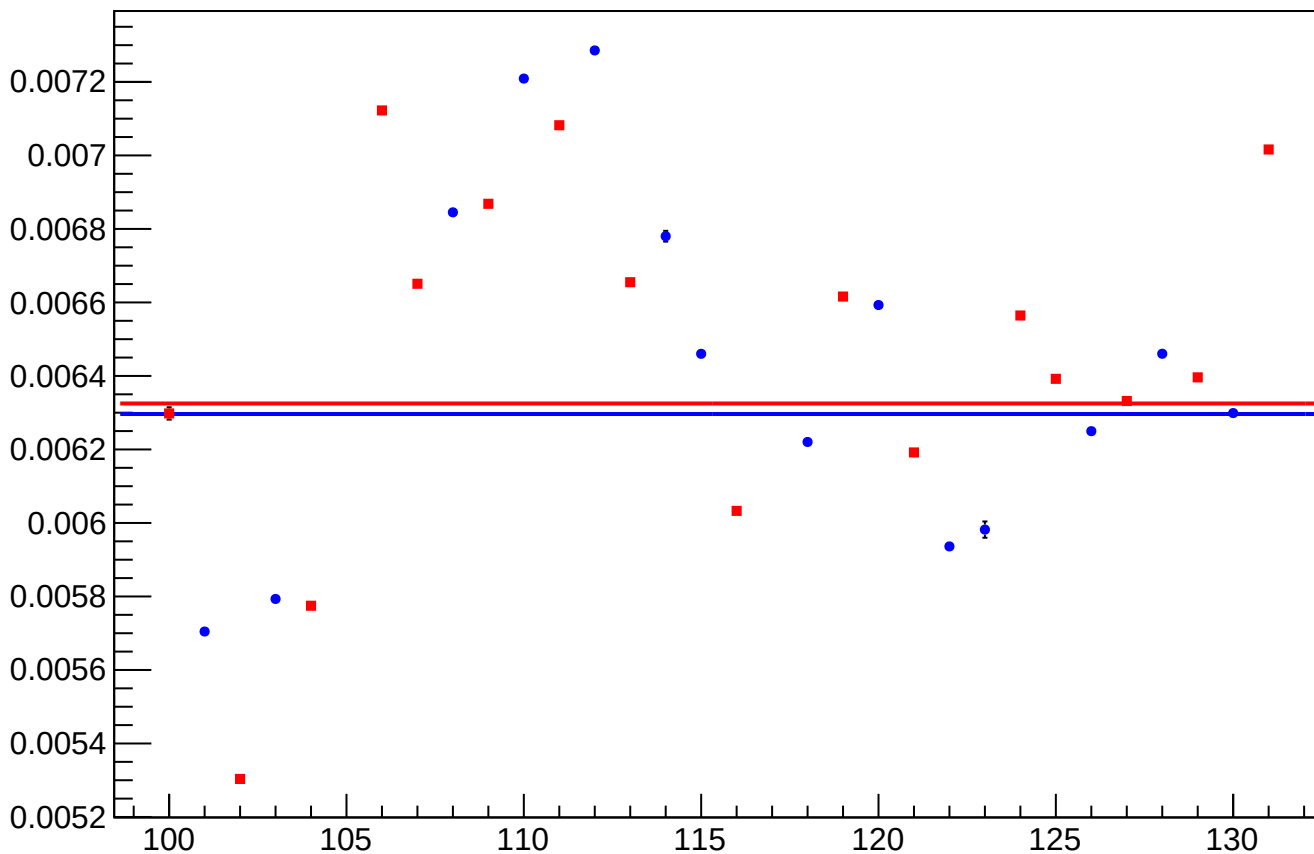
Right: -2.325+/-0.000 χ^2/NDF : 7465666604.2/29

In: -2.334+/-0.000 χ^2/NDF :3017749940.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.325+/-0.000 χ^2/NDF : 7465666604.2/29

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 59806.3/13

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

Right Out: 0.006+/-0.000 χ^2/NDF : 84451.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

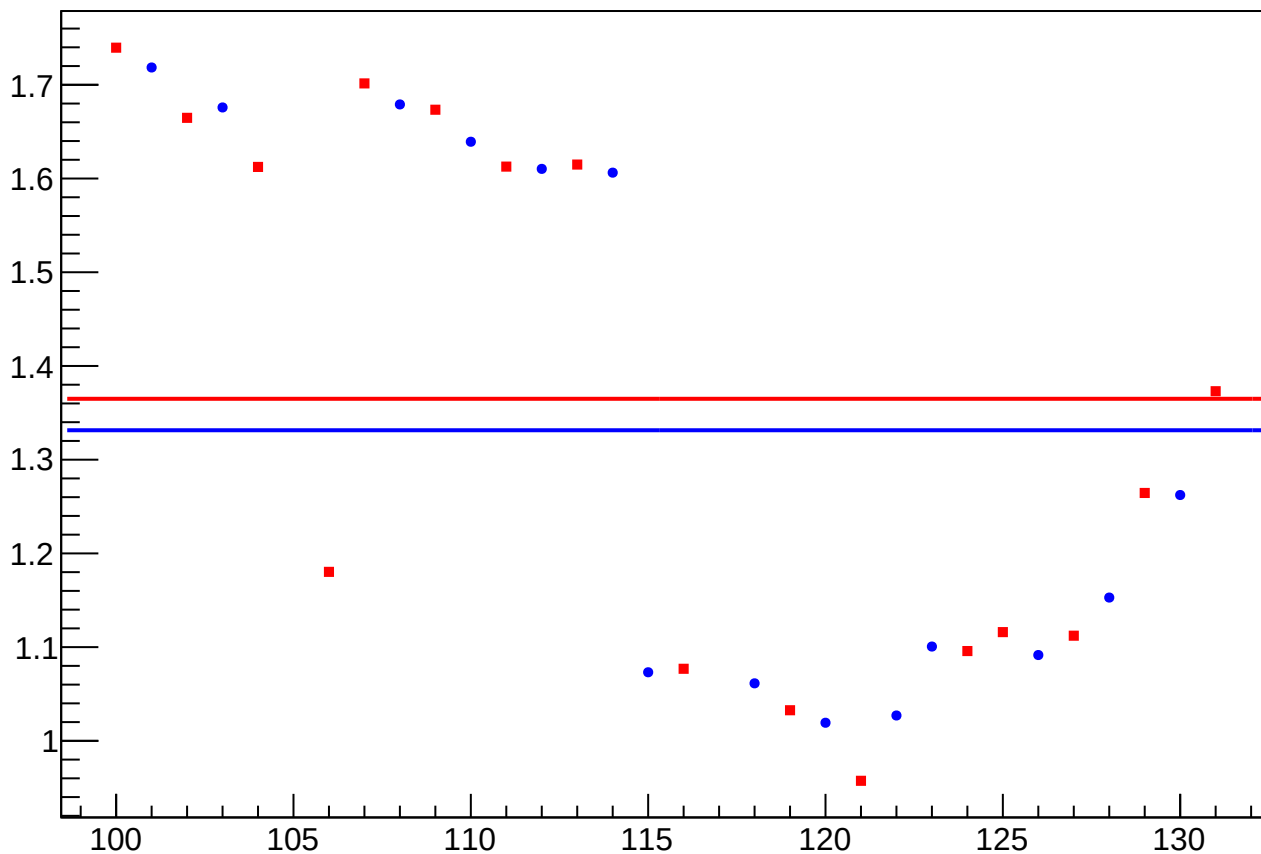
Right: 0.006+/-0.000 χ^2/NDF : 144368.9/29

In: 0.006+/-0.000 χ^2/NDF :59806.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 144368.9/29

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.331 ± 0.000

$\chi^2/\text{NDF}: 94777362263.8/13$

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

Right: 1.349 ± 0.000 $\chi^2/\text{NDF}: 196968329065.6/29$

Left Out: 0.000 ± 0.000

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

In: 1.331 ± 0.000 $\chi^2/\text{NDF}: 94777362263.8/13$

Right Out: 1.365 ± 0.000

$\chi^2/\text{NDF}: 101453868120.0/15$

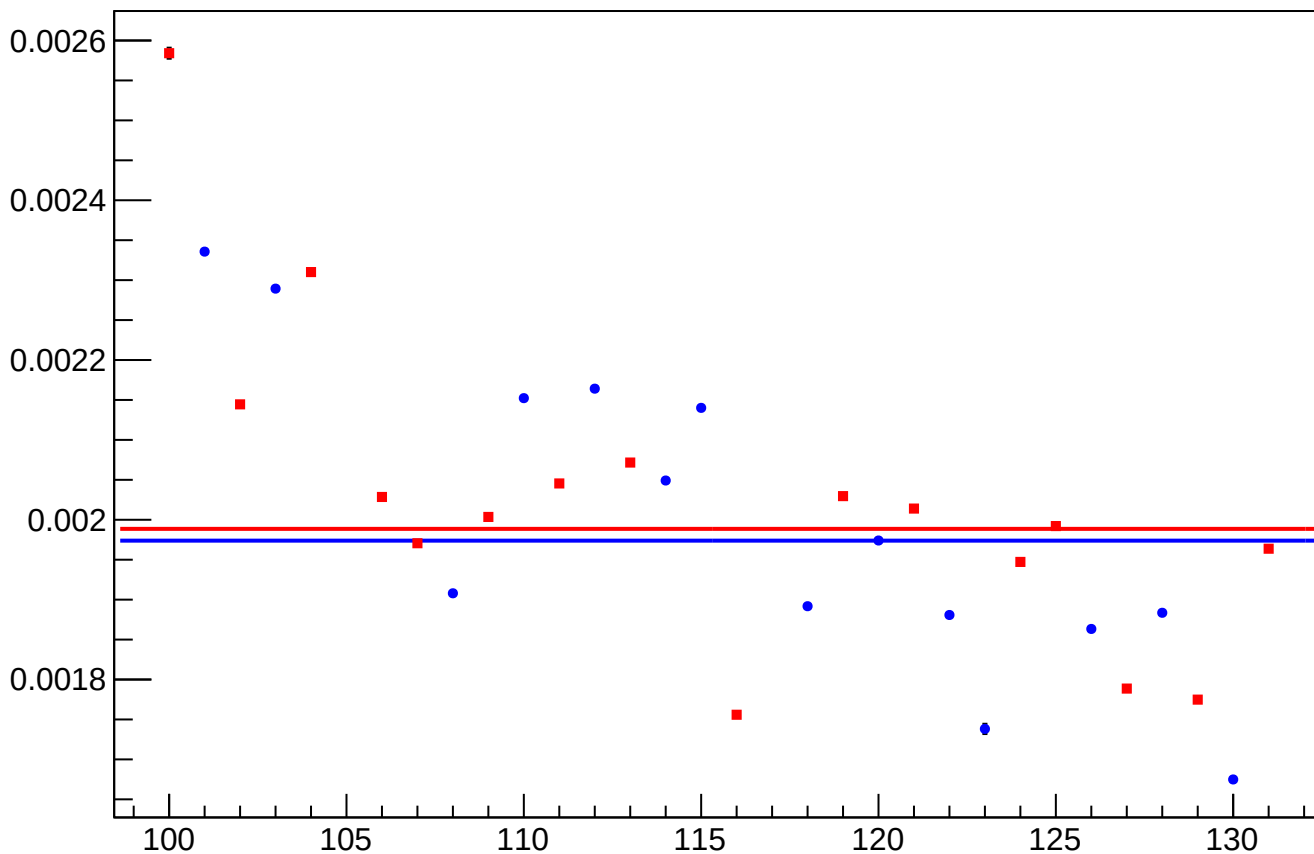
Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 0.000 ± 0.000

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

All: 1.349 ± 0.000 $\chi^2/\text{NDF}: 196968329065.6$

yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 101787.5/13

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

Right Out: 0.002+/-0.000 χ^2/NDF : 64976.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

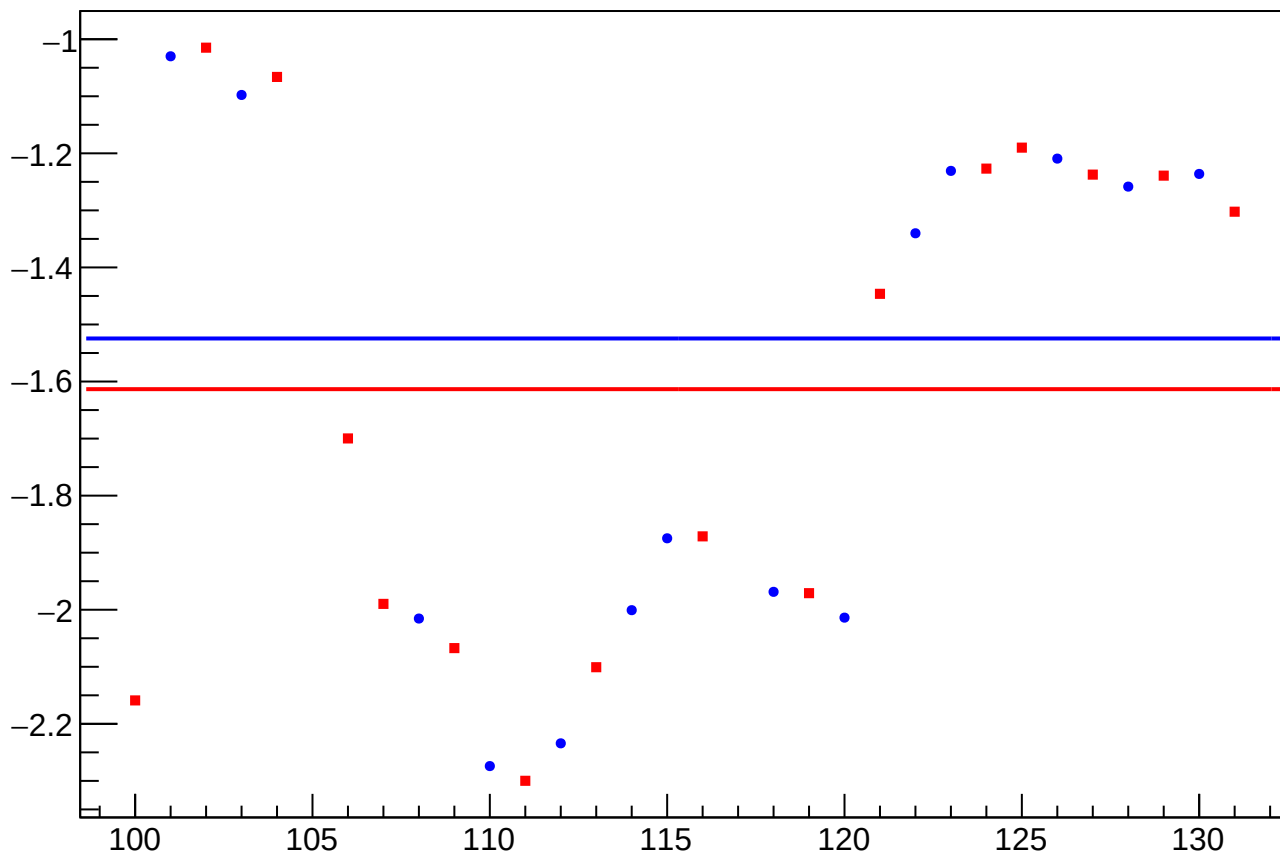
Right: 0.002+/-0.000 χ^2/NDF : 167049.1/29

In: 0.002+/-0.000 χ^2/NDF :101787.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 167049.1/29

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.525+/-0.000 χ^2/NDF : 21680168720.7/13

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

Right Out: -1.613+/-0.000 χ^2/NDF : 27756455147.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

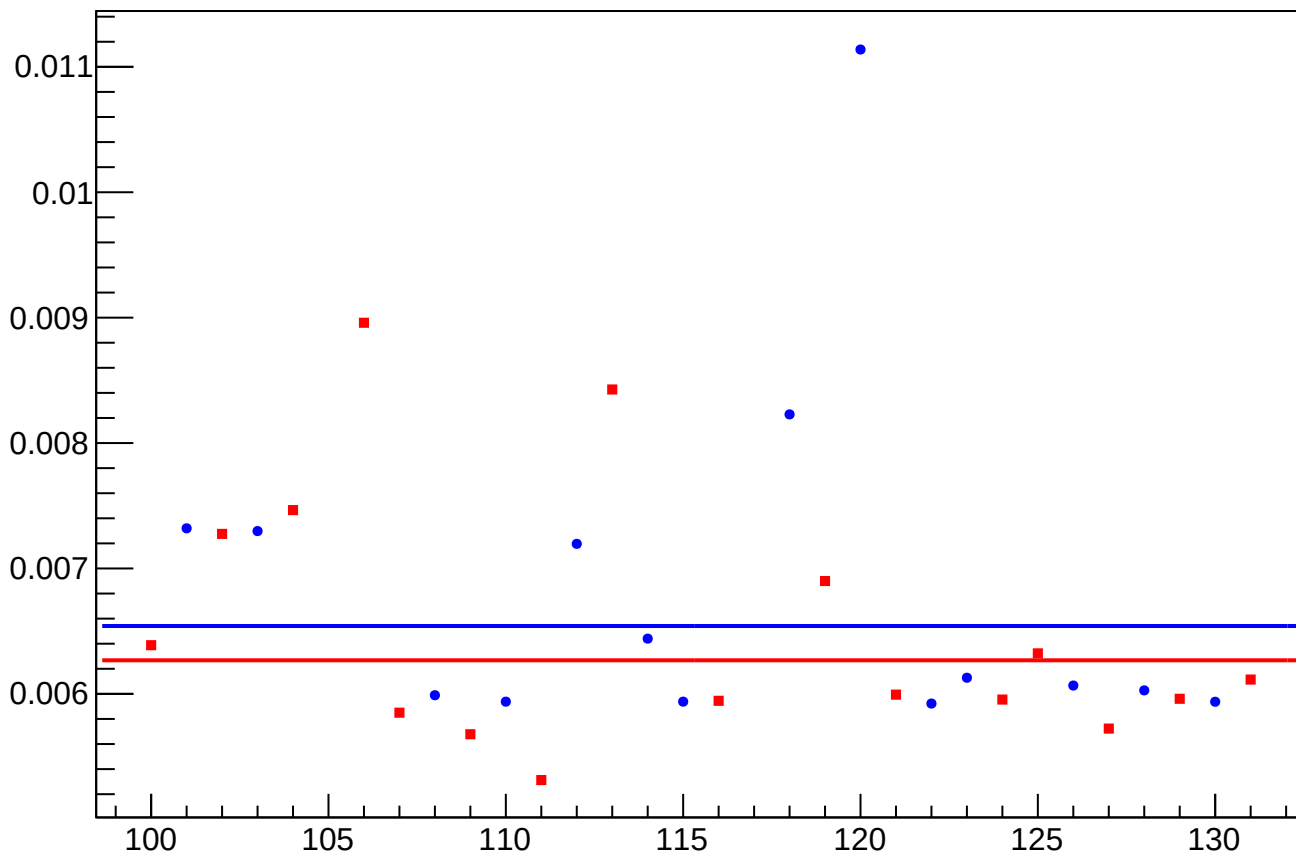
Right: -1.574+/-0.000 χ^2/NDF : 49922682269.7/29

In: -1.525+/-0.000 χ^2/NDF : 21680168720.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.574+/-0.000 χ^2/NDF : 49922682269.7/29

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 202710.5/13

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

Right Out: 0.006+/-0.000 χ^2/NDF : 195600.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

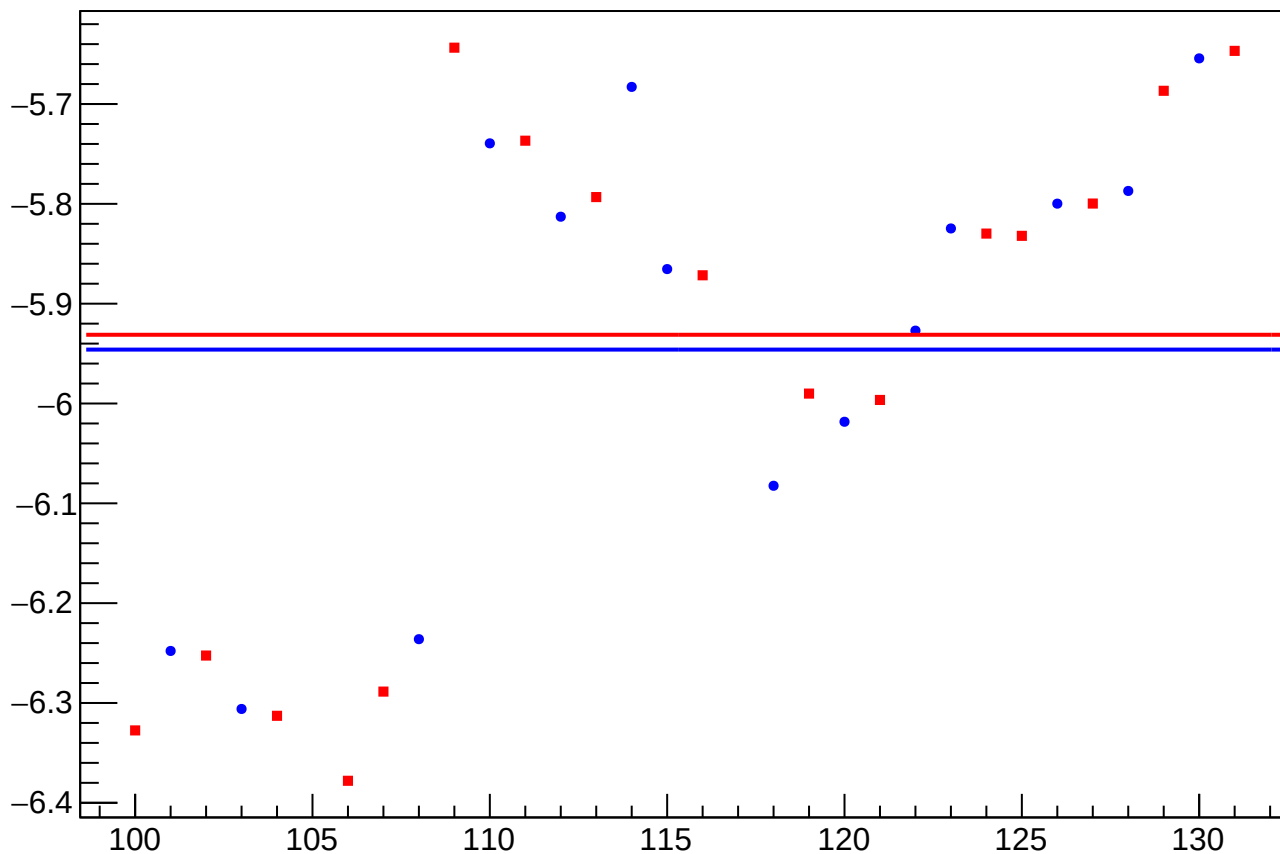
Right: 0.006+/-0.000 χ^2/NDF : 407524.6/29

In: 0.007+/-0.000 χ^2/NDF :202710.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 407524.6/29

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -5.946+/-0.000 χ^2/NDF : 9370235398.7/13

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

Right Out: -5.931+/-0.000 χ^2/NDF : 12138740087.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

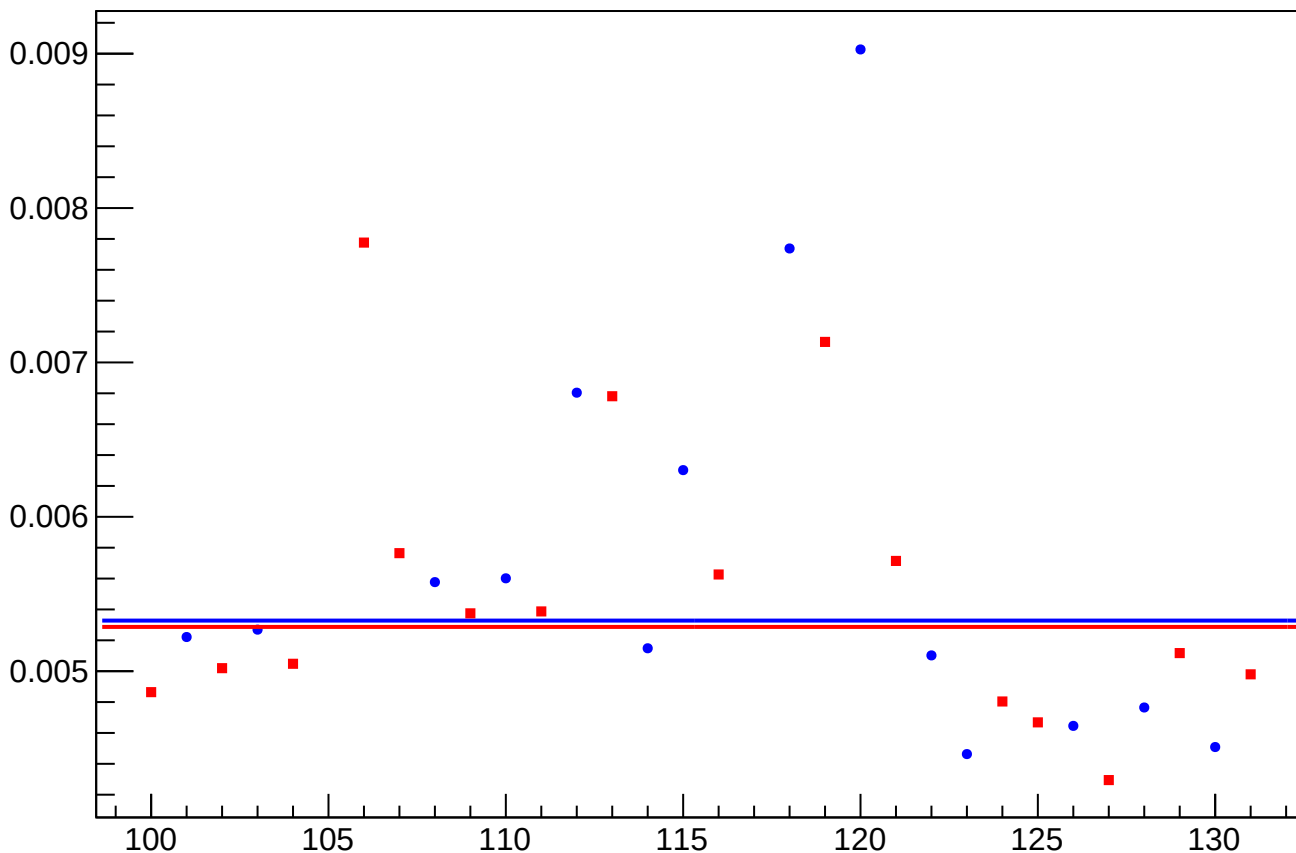
Right: -5.938+/-0.000 χ^2/NDF : 21528622655.1/29

In: -5.946+/-0.000 χ^2/NDF :9370235398.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.938+/-0.000 χ^2/NDF : 21528622655.1/29

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 295543.5/13

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

Right Out: 0.005+/-0.000 χ^2/NDF : 223580.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

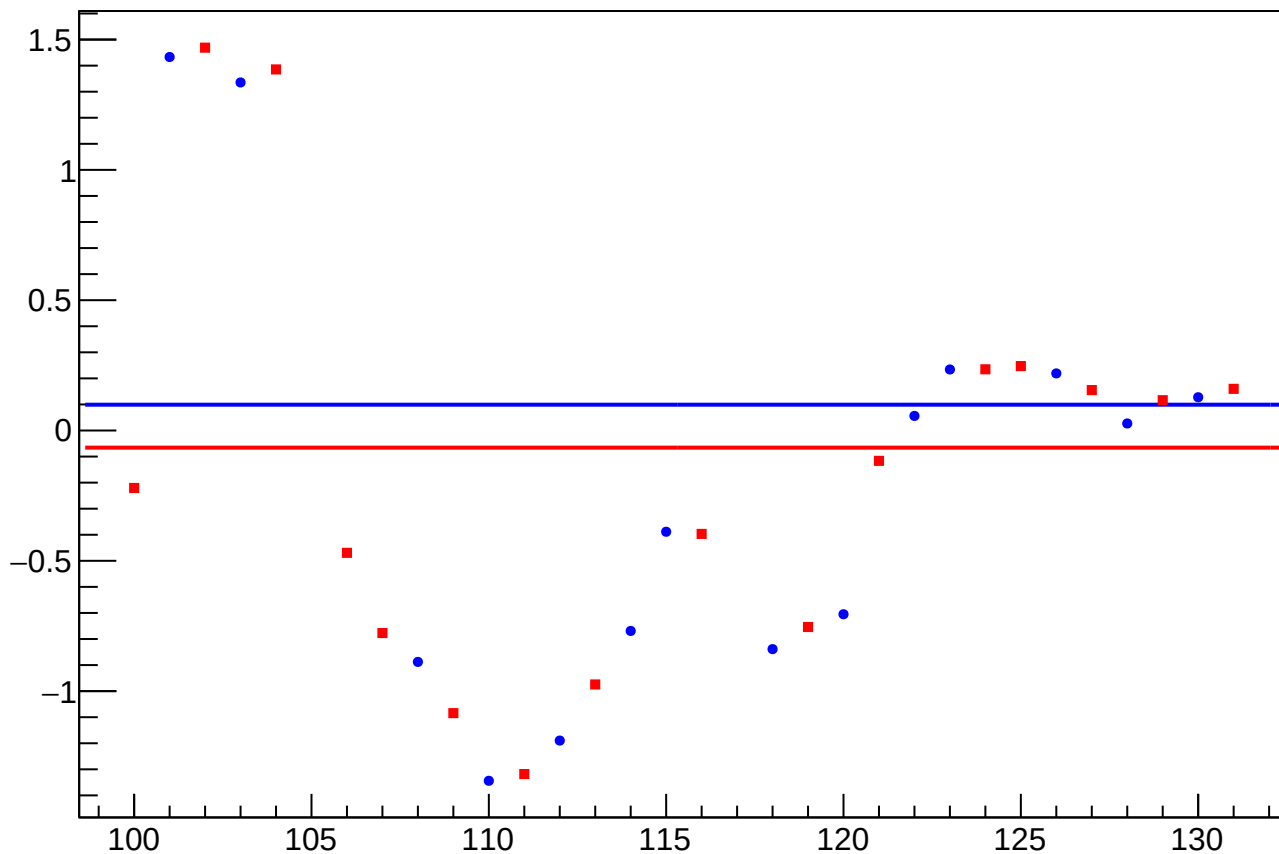
Right: 0.005+/-0.000 χ^2/NDF : 519423.2/29

In: 0.005+/-0.000 χ^2/NDF :295543.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 519423.2/29

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 0.099+/-0.000 χ^2/NDF : 16371098240.2/13

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

Right Out: -0.066+/-0.000 χ^2/NDF : 20755107052.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

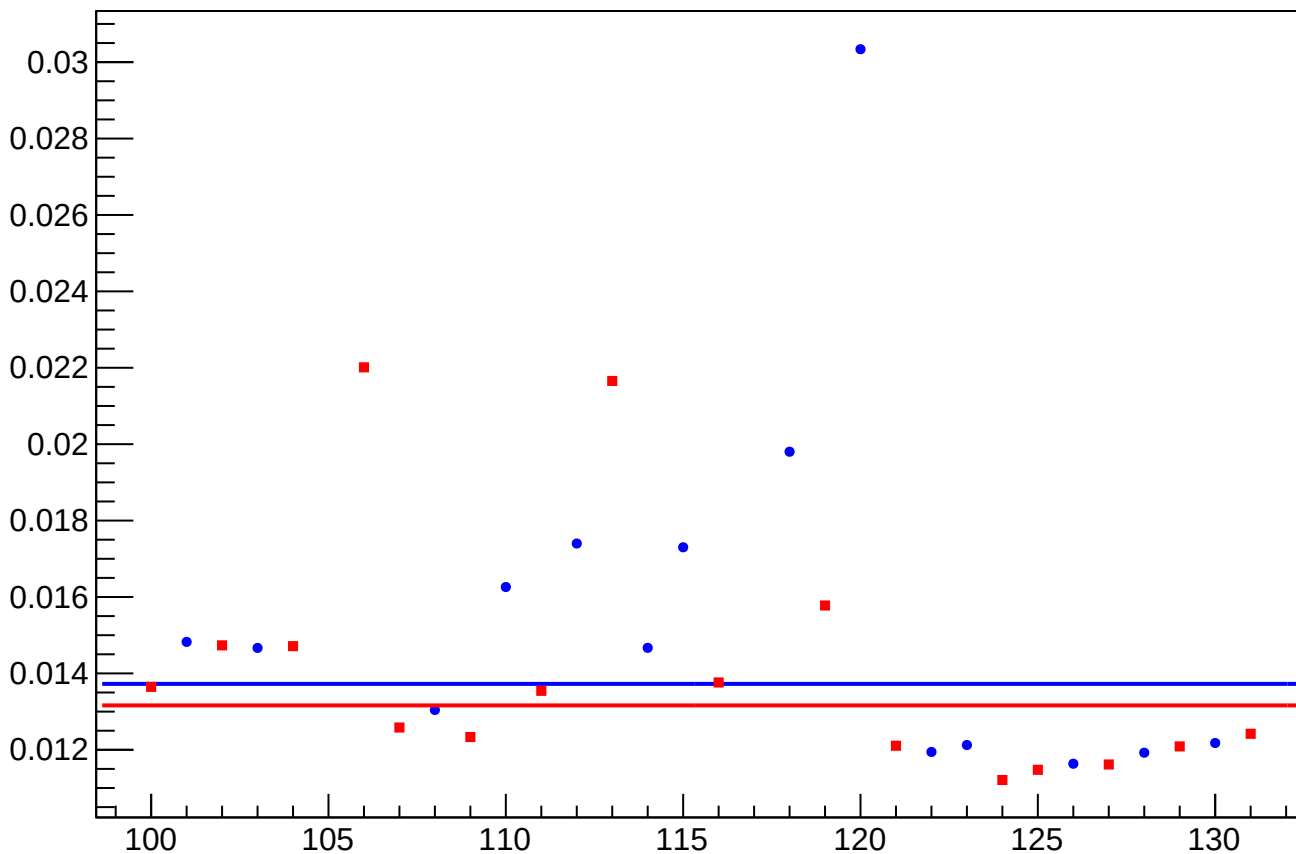
Right: 0.006+/-0.000 χ^2/NDF : 37494813413.3/29

In: 0.099+/-0.000 χ^2/NDF : 16371098240.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 37494813413.3/29

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 374935.5/13

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

Right Out: 0.013+/-0.000 χ^2/NDF : 267804.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

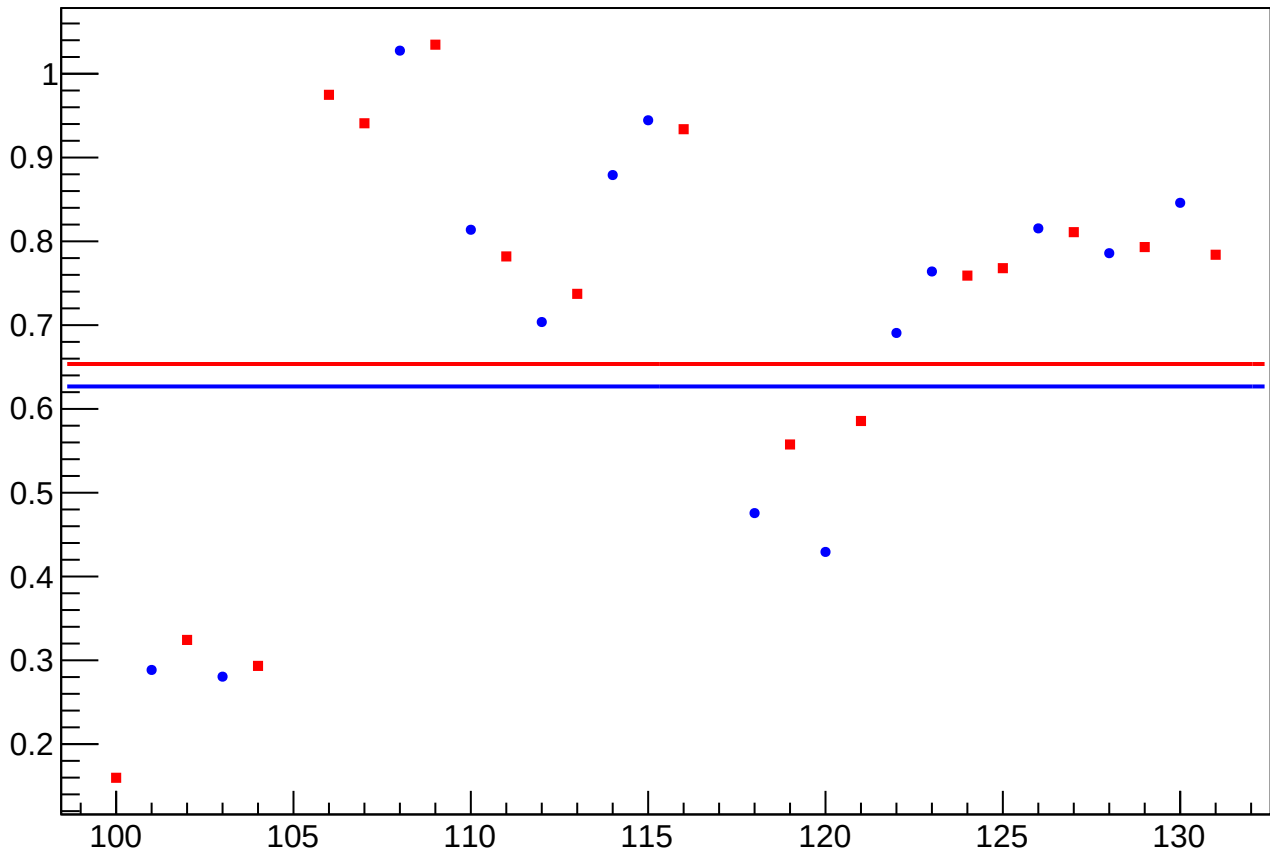
Right: 0.013+/-0.000 χ^2/NDF : 651365.5/29

In: 0.014+/-0.000 χ^2/NDF : 374935.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 651365.5/29

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.627+/-0.000 χ^2/NDF : 5076232832.1/13

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

Right Out: 0.654+/-0.000 χ^2/NDF : 5712652335.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

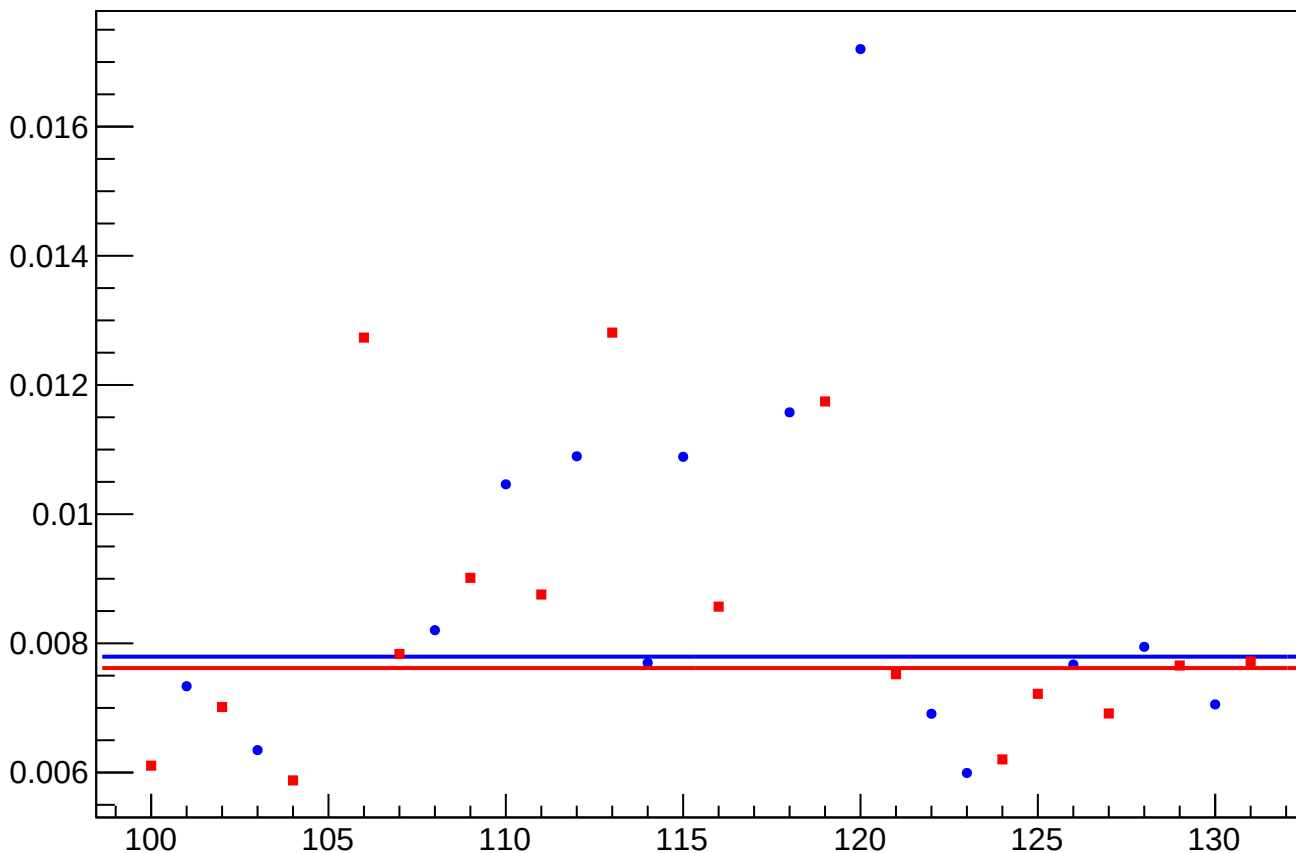
Right: 0.641+/-0.000 χ^2/NDF : 10818040829.8/29

In: 0.627+/-0.000 χ^2/NDF :5076232832.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.641+/-0.000 χ^2/NDF : 10818040829.8/29

yield_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 459013.0/13

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

Right Out: 0.008+/-0.000 χ^2/NDF : 432626.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

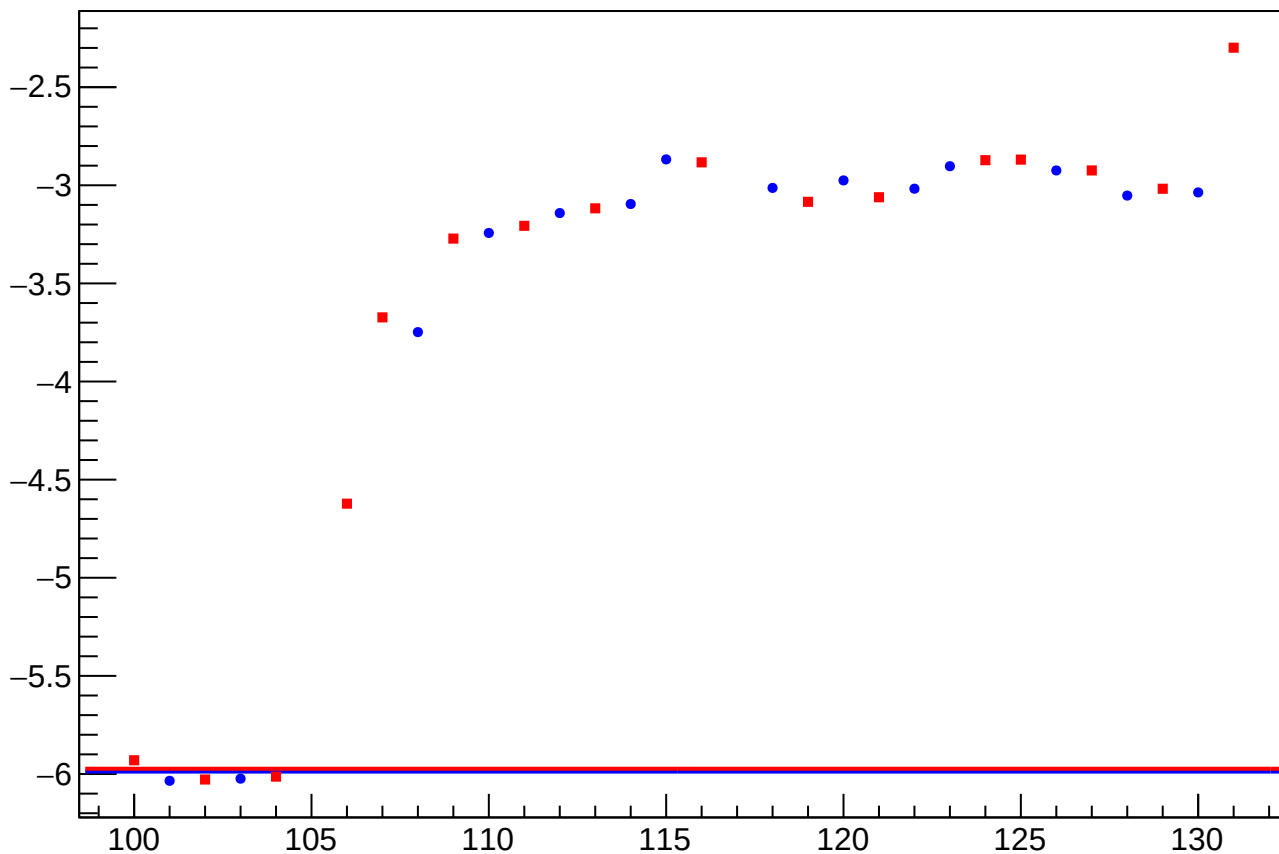
Right: 0.008+/-0.000 χ^2/NDF : 894158.8/29

In: 0.008+/-0.000 χ^2/NDF : 459013.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 894158.8/29

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -5.988+/-0.000 χ^2/NDF : 5193510400.8/13

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

Right Out: -5.973+/-0.000 χ^2/NDF : 5156135020.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

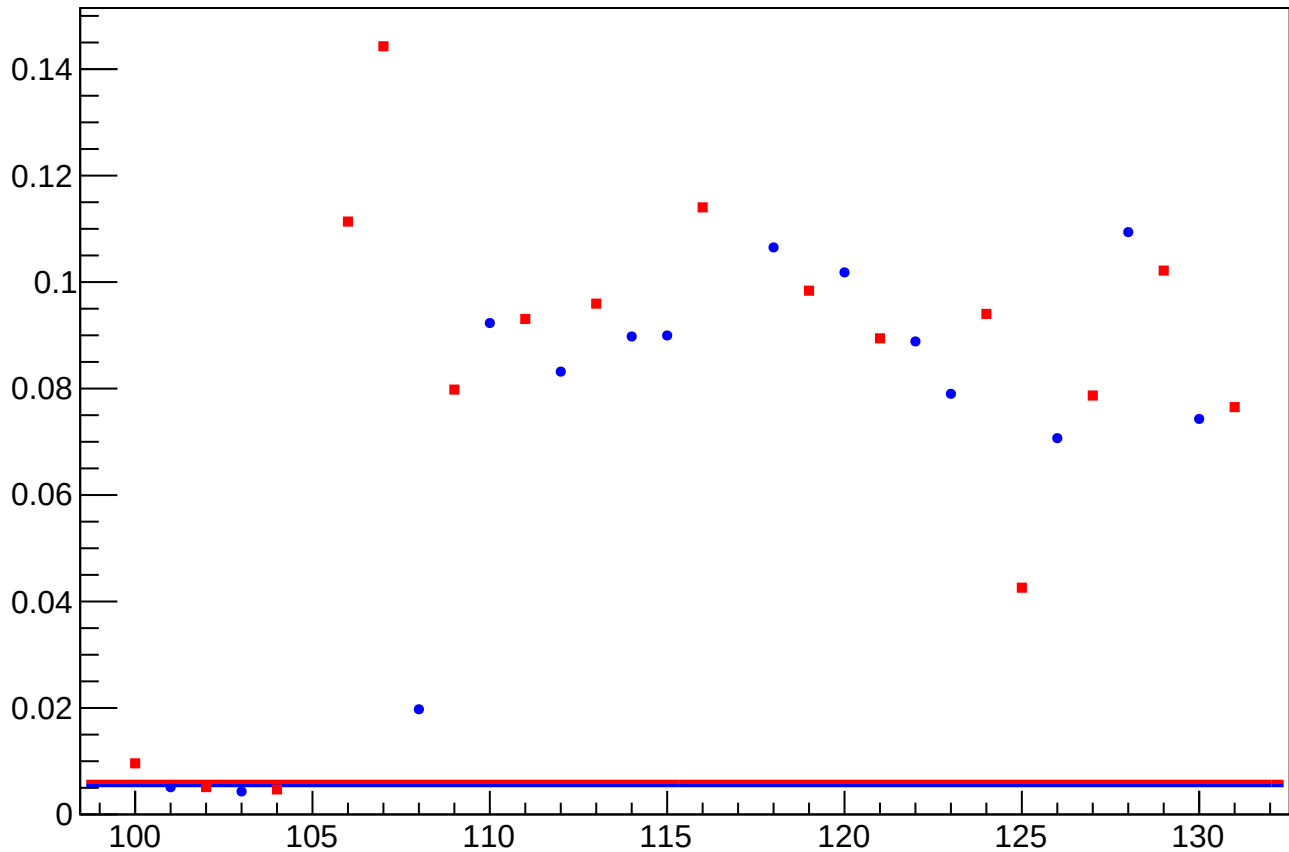
Right: -5.981+/-0.000 χ^2/NDF : 10353994938.9/29

In: -5.988+/-0.000 χ^2/NDF : 5193510400.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.981+/-0.000 χ^2/NDF : 10353994938.9/29

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 6087149.1/13

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

Right Out: 0.006+/-0.000 χ^2/NDF : 7545603.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

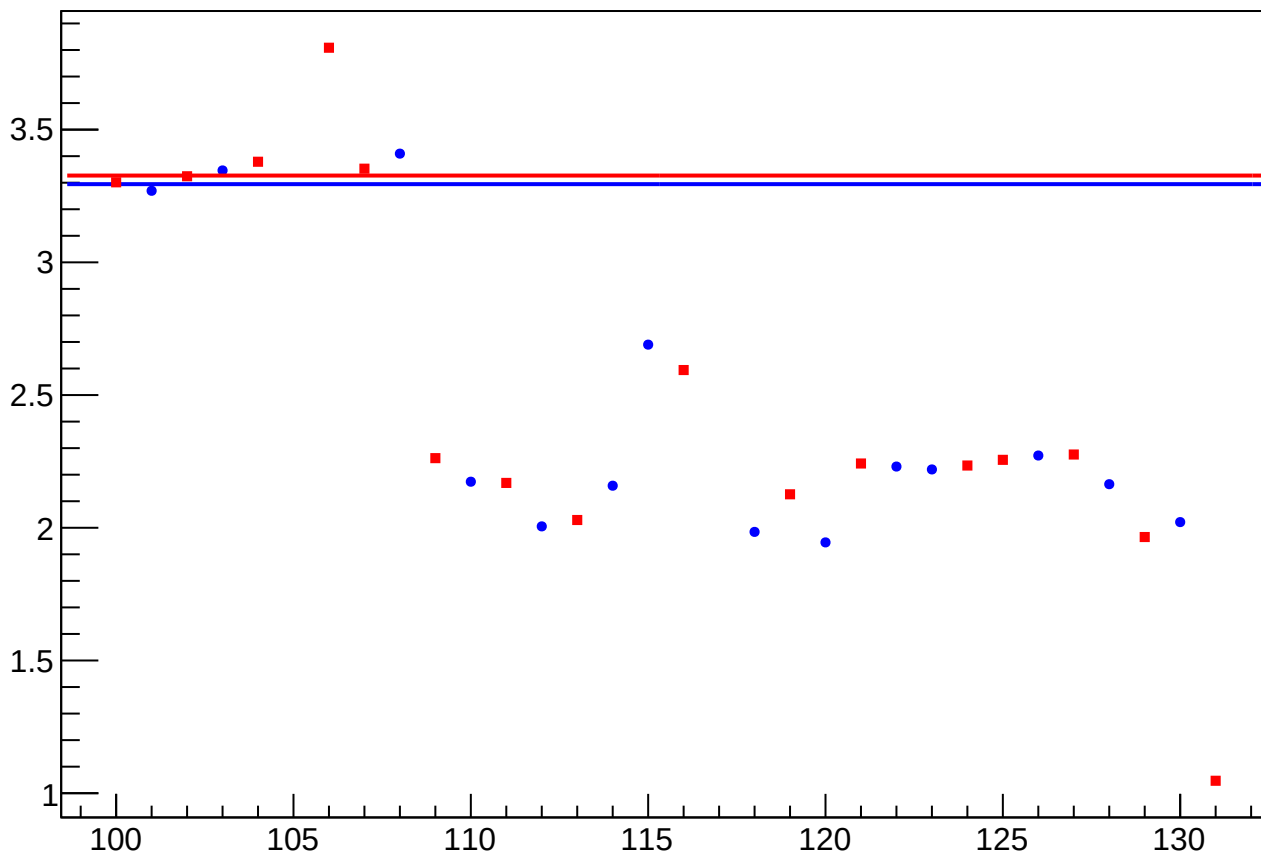
Right: 0.006+/-0.000 χ^2/NDF : 13651155.2/29

In: 0.005+/-0.000 χ^2/NDF :6087149.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 13651155.2/29

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.295+/-0.000 χ^2/NDF : 610930438.2/13

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

Right Out: 3.327+/-0.000 χ^2/NDF : 888725897.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

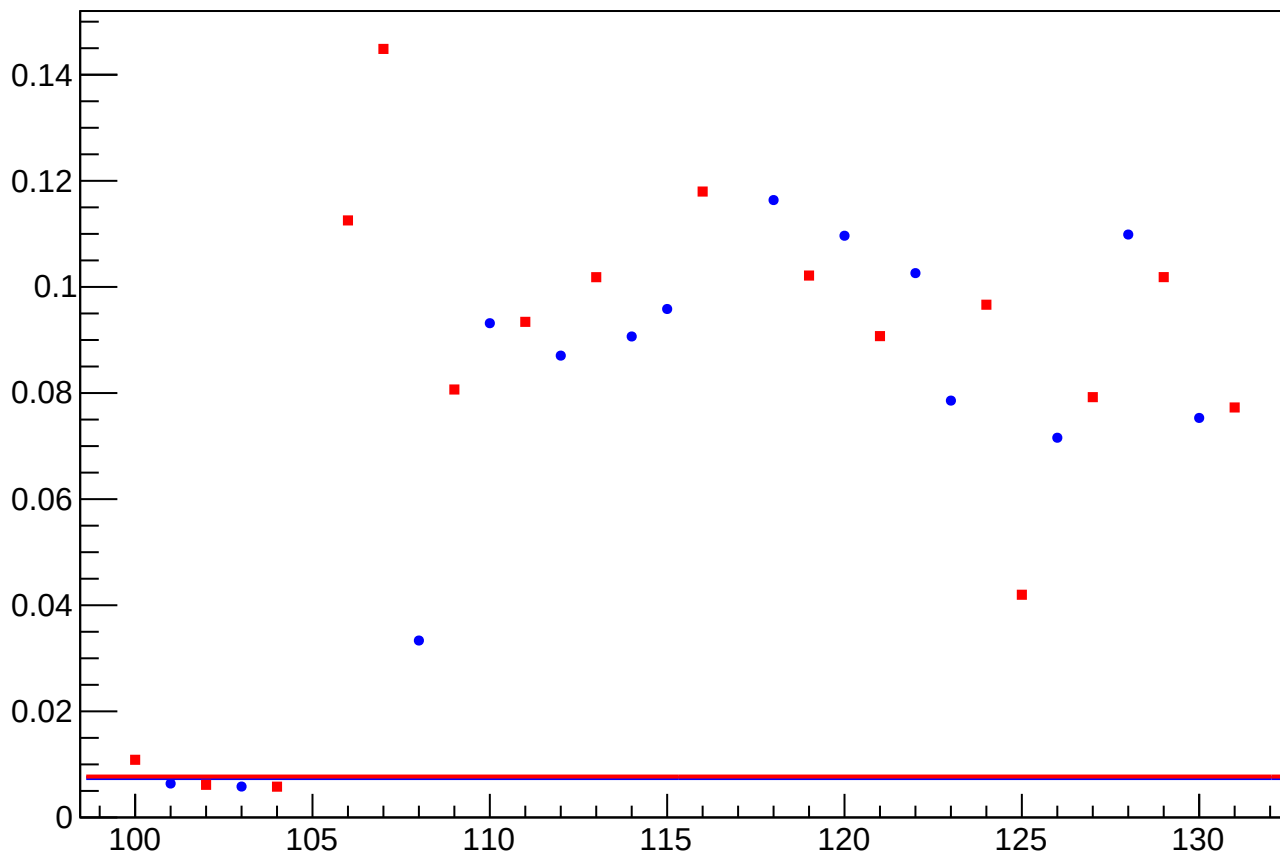
Right: 3.310+/-0.000 χ^2/NDF : 1513898096.2/29

In: 3.295+/-0.000 χ^2/NDF : 610930438.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.310+/-0.000 χ^2/NDF : 1513898096.2/29

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 6034274.3/13

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

Right Out: 0.008+/-0.000 χ^2/NDF : 7312327.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

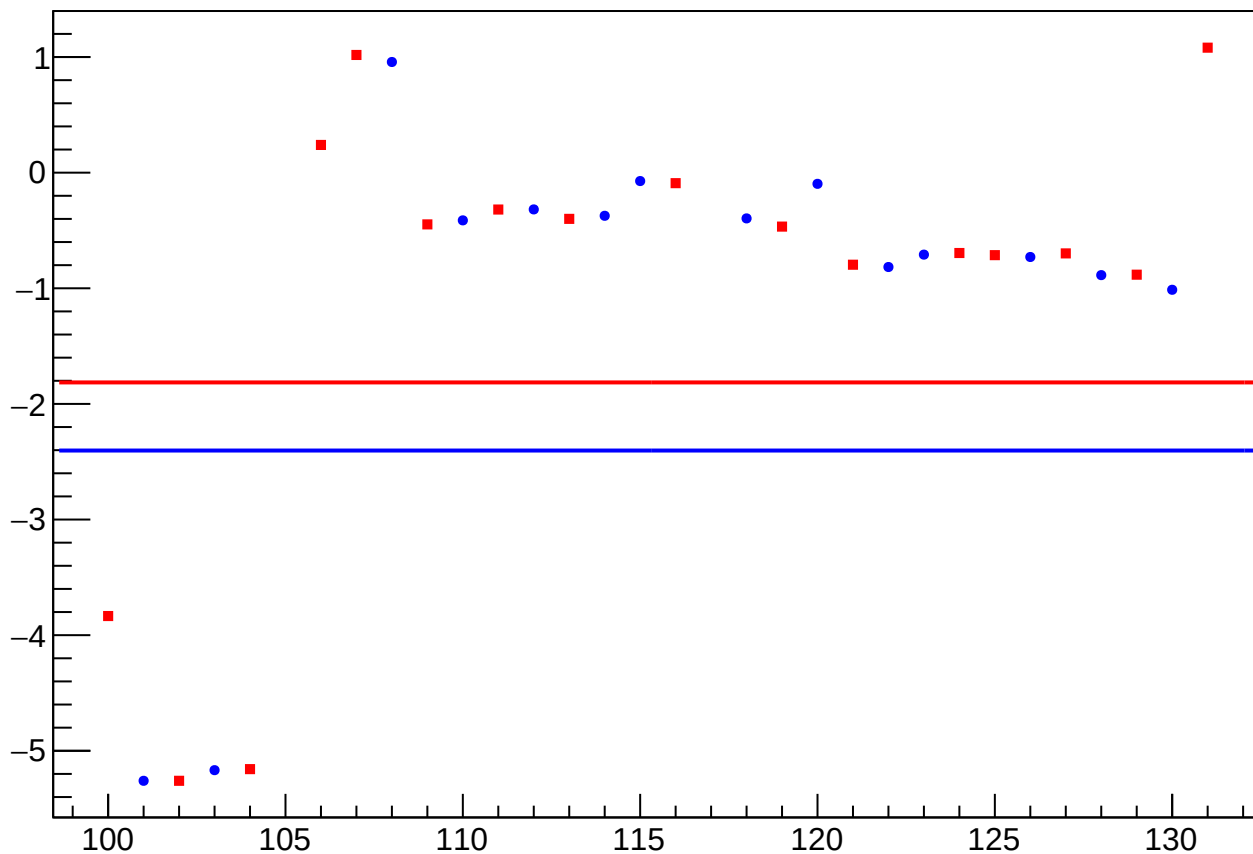
Right: 0.008+/-0.000 χ^2/NDF : 13348833.1/29

In: 0.007+/-0.000 χ^2/NDF :6034274.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 13348833.1/29

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -2.403+/-0.000 χ^2/NDF : 109534257670.0/13

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

Right Out: -1.814+/-0.000 χ^2/NDF : 129064507668.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

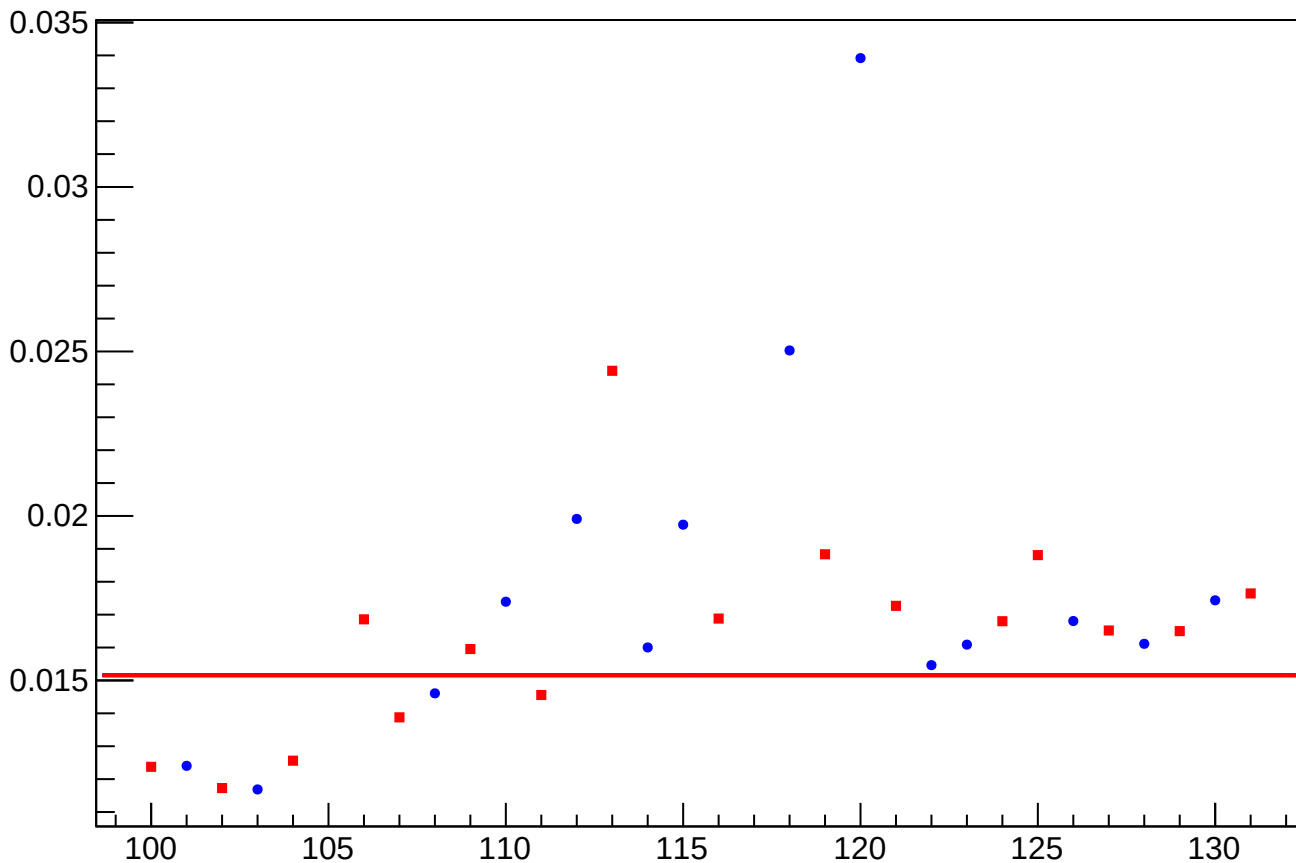
Right: -2.082+/-0.000 χ^2/NDF : 242184726731.7/29

In: -2.403+/-0.000 χ^2/NDF :109534257670.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.082+/-0.000 χ^2/NDF : 242184726731.7

yield_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 528213.8/13

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

Right Out: 0.015+/-0.000 χ^2/NDF : 335105.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

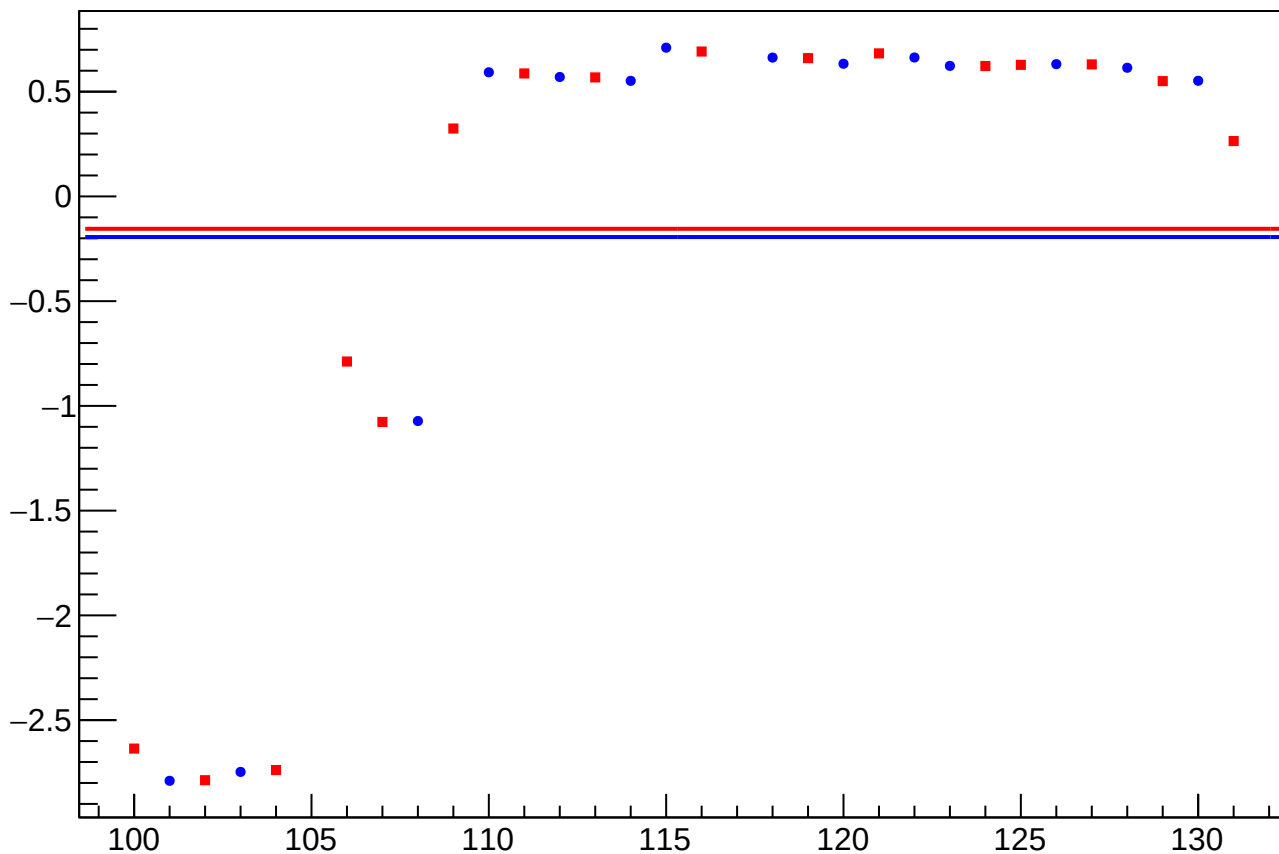
Right: 0.015+/-0.000 χ^2/NDF : 863320.2/29

In: 0.015+/-0.000 χ^2/NDF : 528213.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 863320.2/29

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -0.194+/-0.000 χ^2/NDF : 708869594822.9/13

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

Right Out: -0.155+/-0.000 χ^2/NDF : 757872969927.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

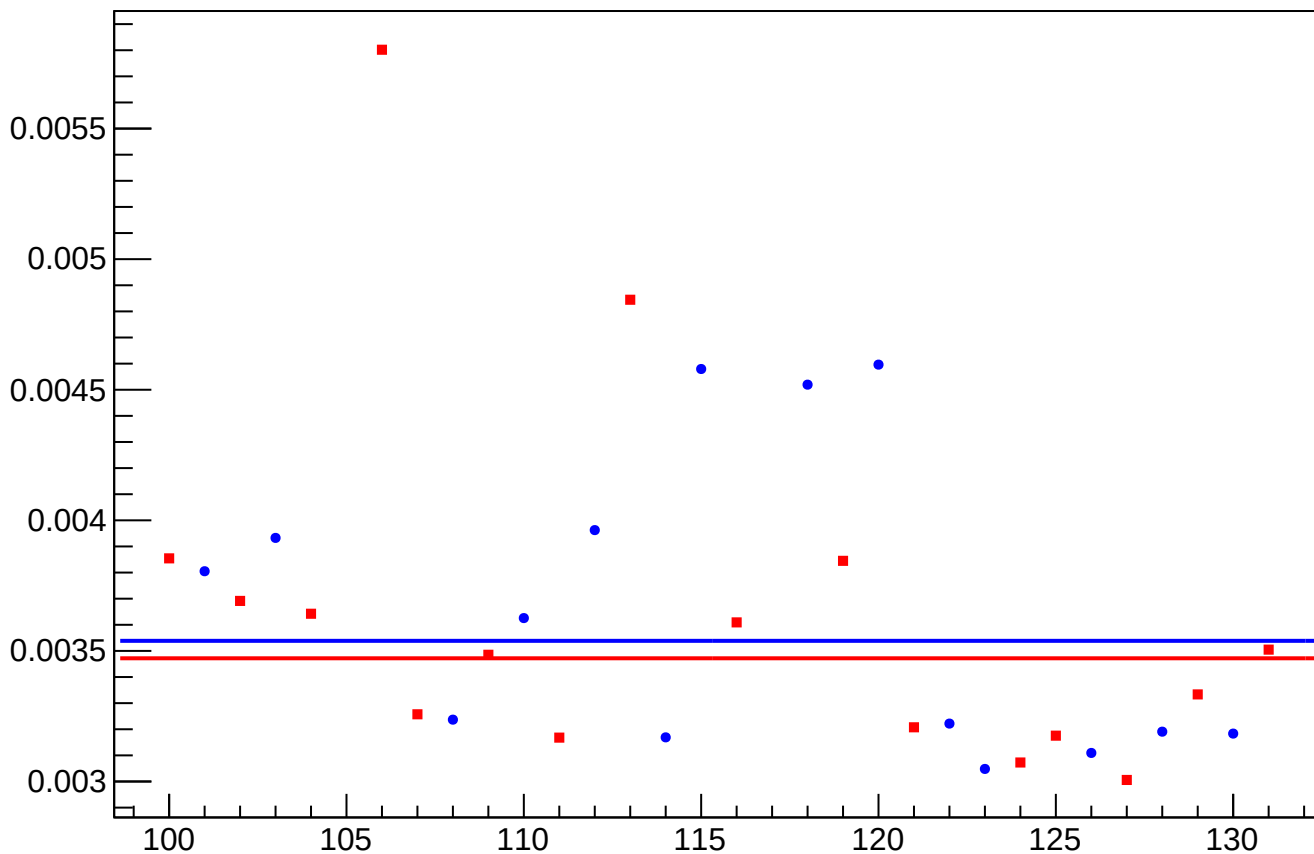
Right: -0.173+/-0.000 χ^2/NDF : 1467072906872.5/2

In: -0.194+/-0.000 χ^2/NDF :708869594822.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.173+/-0.000 χ^2/NDF : 1467072906872

yield_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 168881.4/13

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

Right Out: 0.003+/-0.000 χ^2/NDF : 213153.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

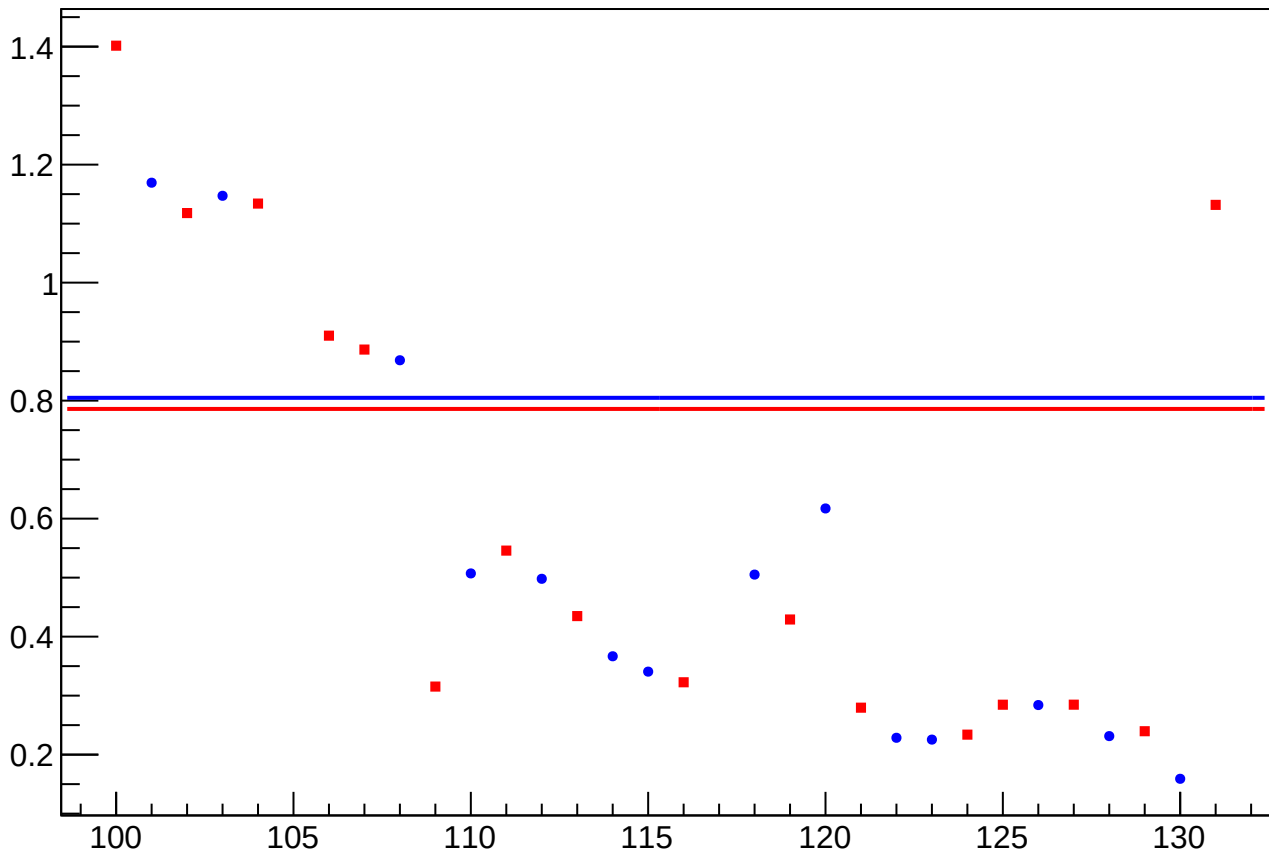
Right: 0.004+/-0.000 χ^2/NDF : 383938.9/29

In: 0.004+/-0.000 χ^2/NDF :168881.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 383938.9/29

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 0.805+/-0.000 χ^2/NDF : 20447099842.4/13

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

Right Out: 0.786+/-0.000 χ^2/NDF : 20526824614.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

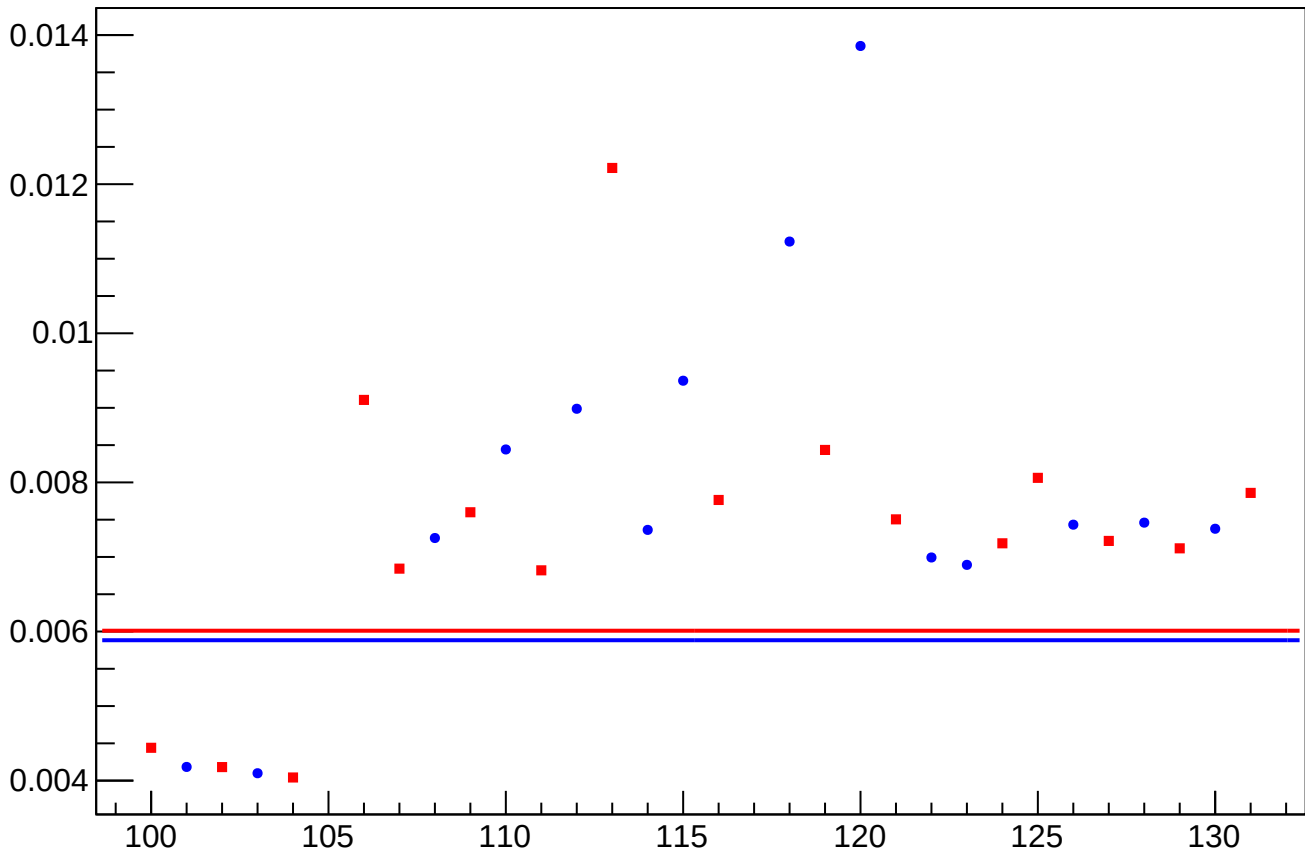
Right: 0.795+/-0.000 χ^2/NDF : 40996270445.3/29

In: 0.805+/-0.000 χ^2/NDF :20447099842.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.795+/-0.000 χ^2/NDF : 40996270445.3/29

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 1084634.7/13

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

Right Out: 0.006+/-0.000 χ^2/NDF : 955807.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

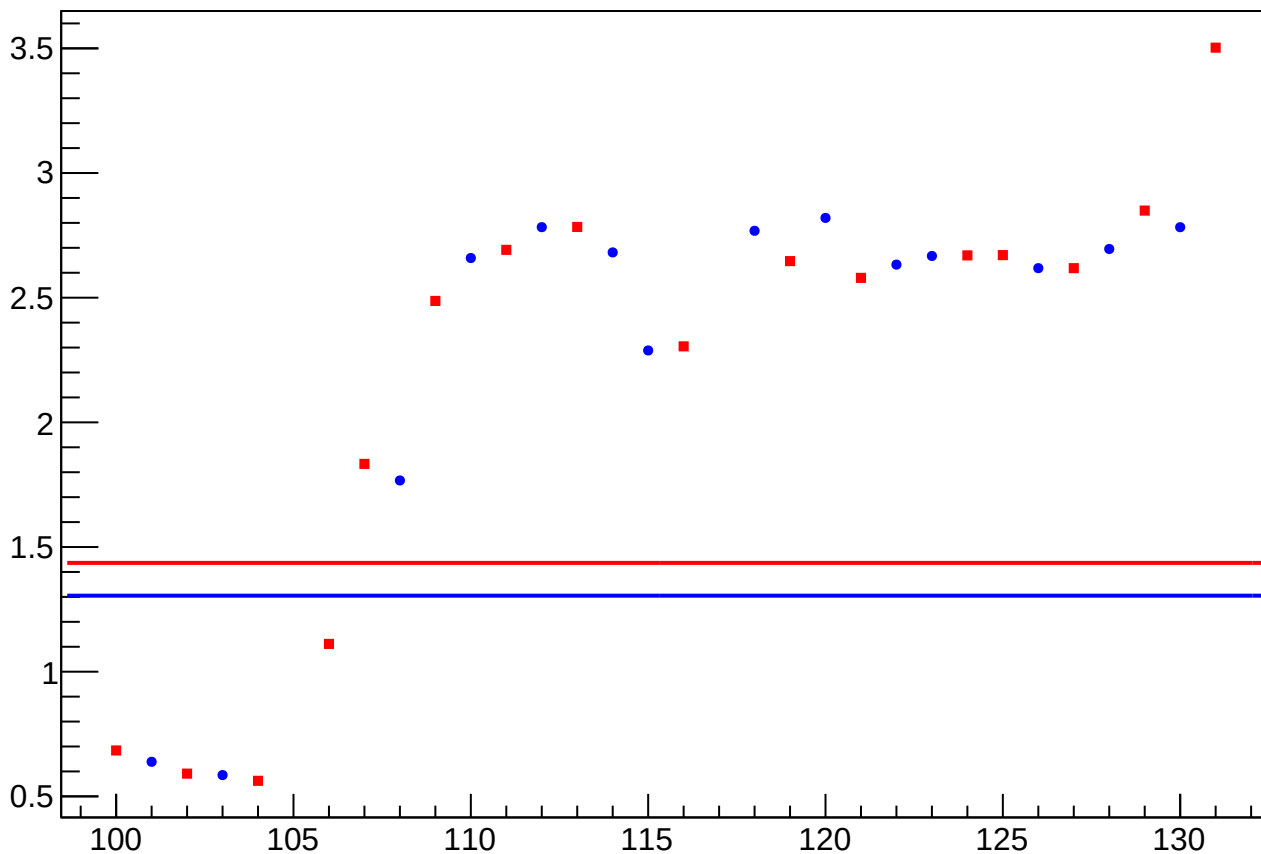
Right: 0.006+/-0.000 χ^2/NDF : 2042491.6/29

In: 0.006+/-0.000 χ^2/NDF : 1084634.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2042491.6/29

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 1.305+/-0.000 χ^2/NDF : 113025094269.4/13

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

Right Out: 1.436+/-0.000 χ^2/NDF : 142608167775.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

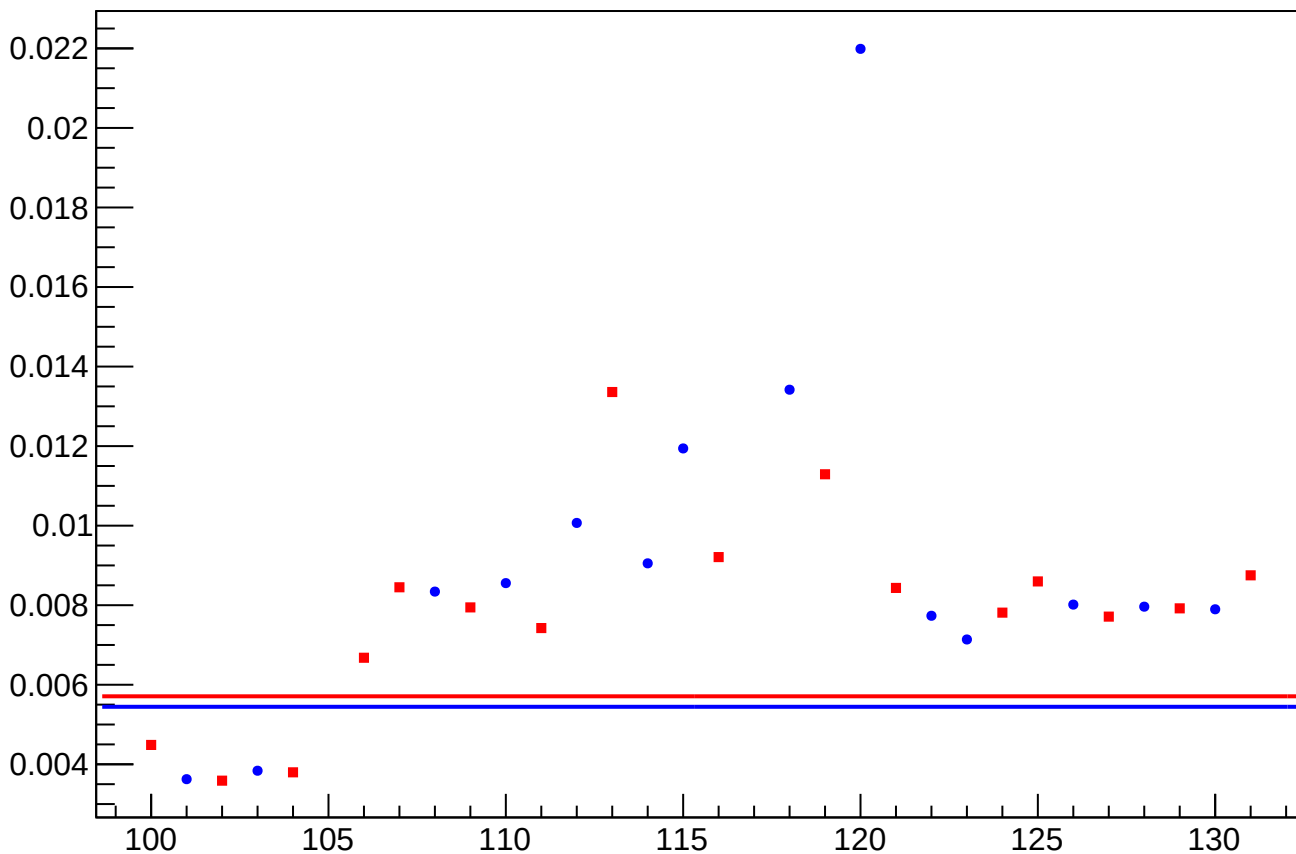
Right: 1.374+/-0.000 χ^2/NDF : 256747200116.4/29

In: 1.305+/-0.000 χ^2/NDF : 113025094269.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.374+/-0.000 χ^2/NDF : 256747200116.4

yield_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1684732.4/13

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

Right Out: 0.006+/-0.000 χ^2/NDF : 1564366.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

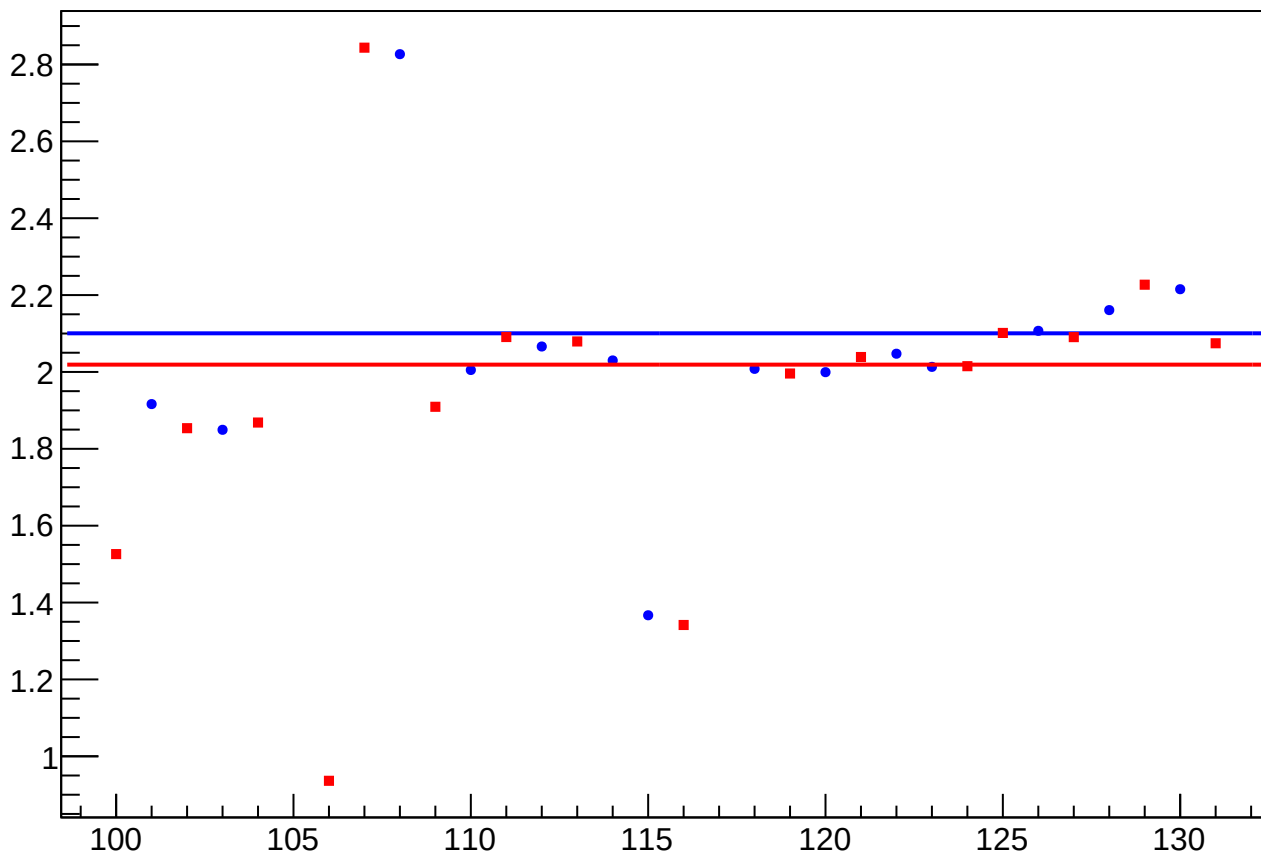
Right: 0.006+/-0.000 χ^2/NDF : 3258047.9/29

In: 0.005+/-0.000 χ^2/NDF :1684732.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 3258047.9/29

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.101+/-0.000 χ^2/NDF : 7683190069.5/13

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

Right Out: 2.019+/-0.000 χ^2/NDF : 15756694317.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

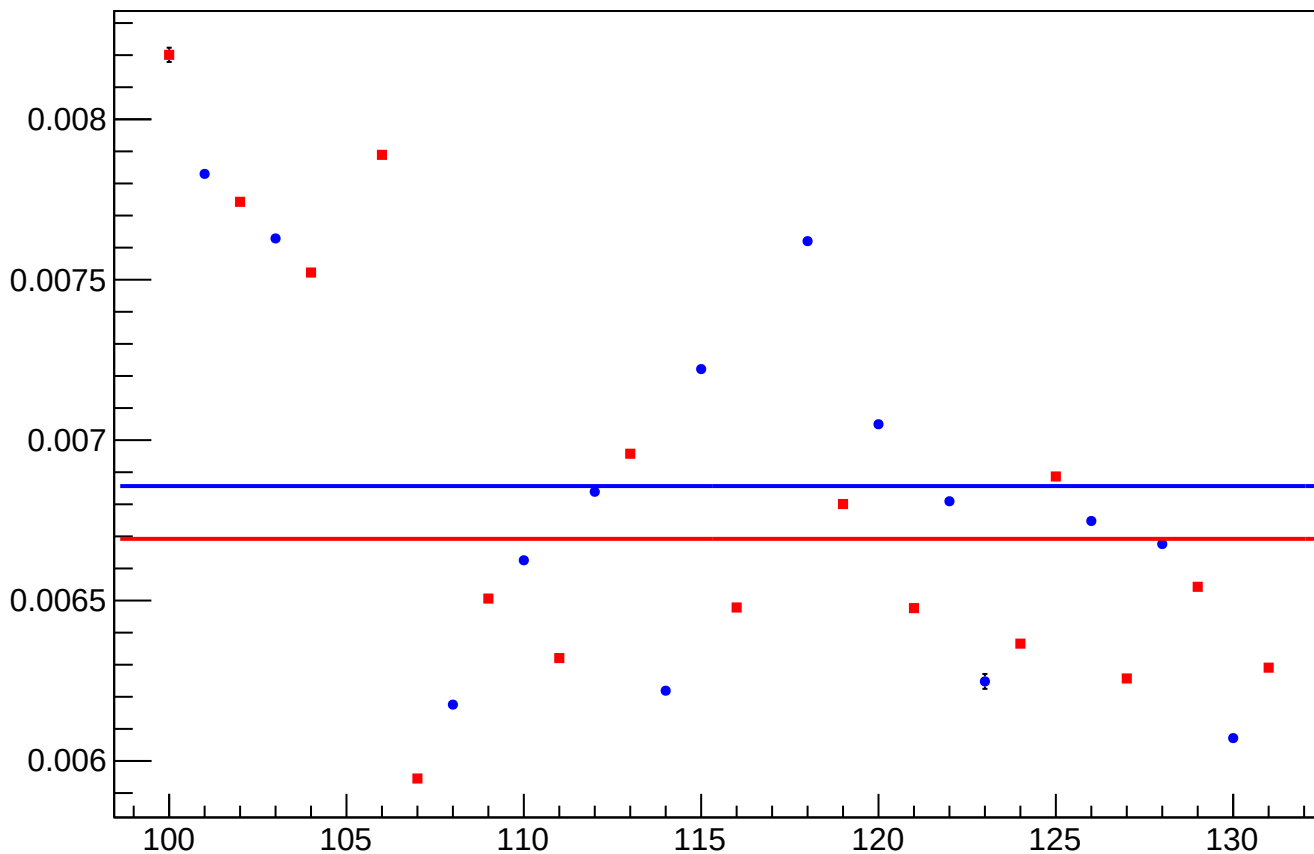
Right: 2.056+/-0.000 χ^2/NDF : 23824171963.6/29

In: 2.101+/-0.000 χ^2/NDF :7683190069.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2.056+/-0.000 χ^2/NDF : 23824171963.6/29

yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 69236.2/13

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

Right Out: 0.007+/-0.000 χ^2/NDF : 73949.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

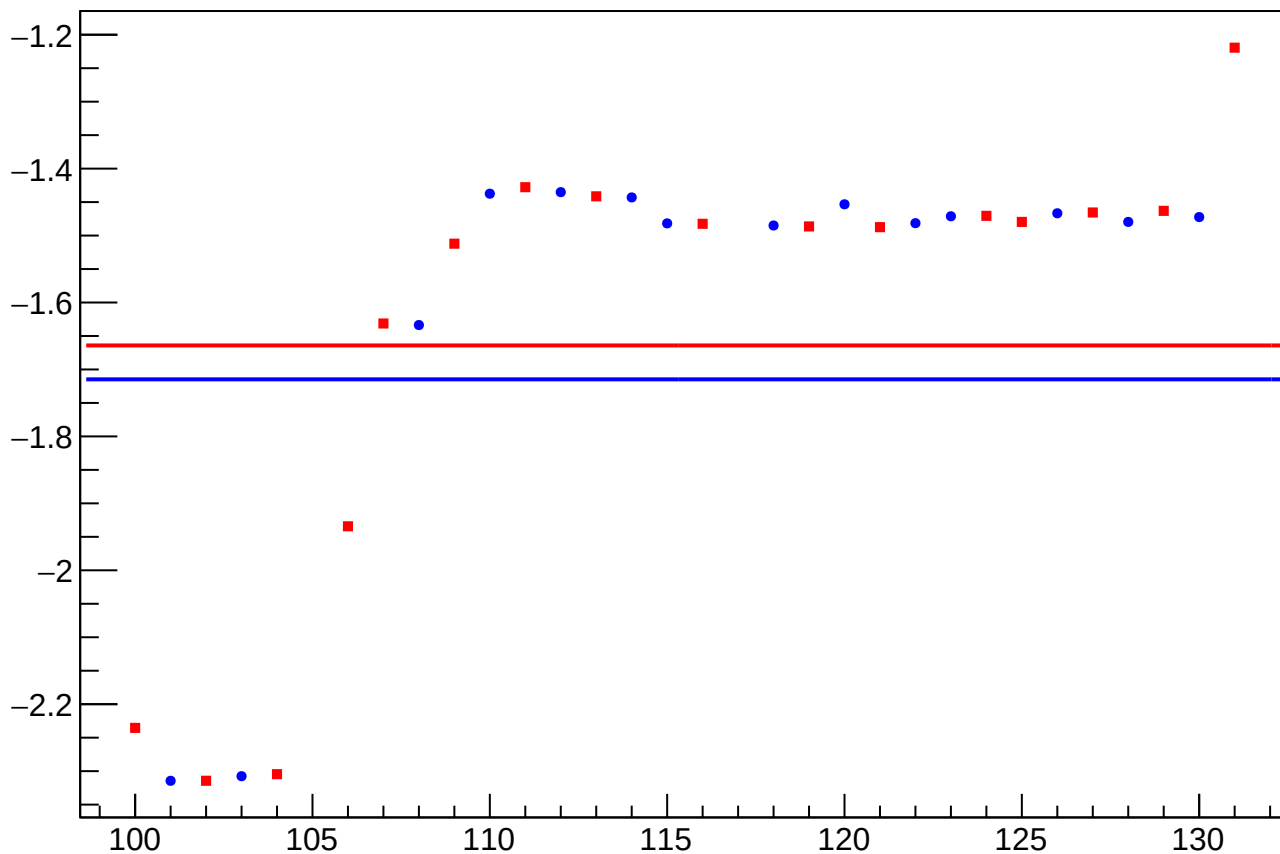
Right: 0.007+/-0.000 χ^2/NDF : 146316.9/29

In: 0.007+/-0.000 χ^2/NDF :69236.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 146316.9/29

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -1.715 ± 0.000 χ^2/NDF : 96308288709.8/13

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

Right Out: -1.664 ± 0.000 χ^2/NDF : 105490389157.8/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

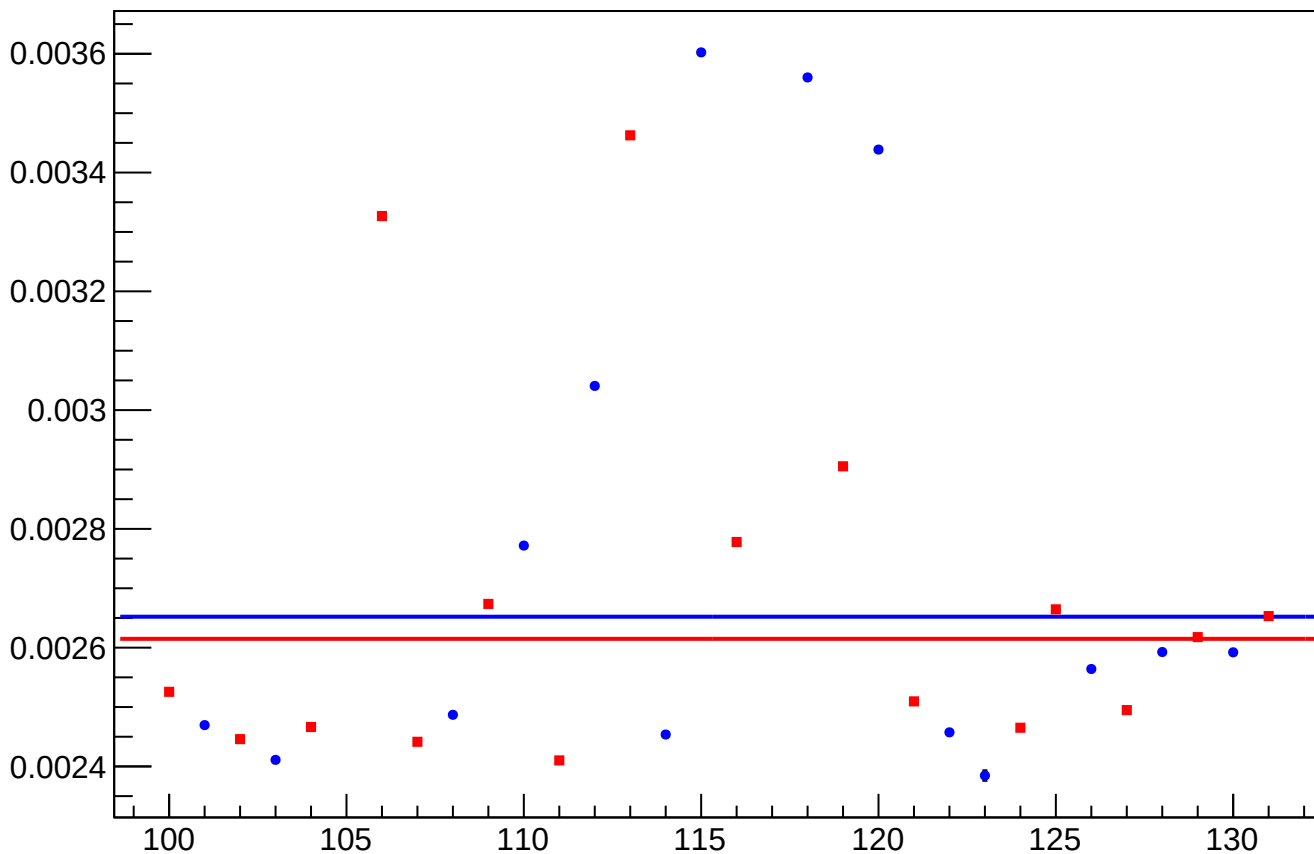
Right: -1.687 ± 0.000 χ^2/NDF : 202763795960.2/29

In: -1.715 ± 0.000 χ^2/NDF : 96308288709.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.687 ± 0.000 χ^2/NDF : 202763795960.2

yield_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 148681.1/13

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

Right Out: 0.003+/-0.000 χ^2/NDF : 102494.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

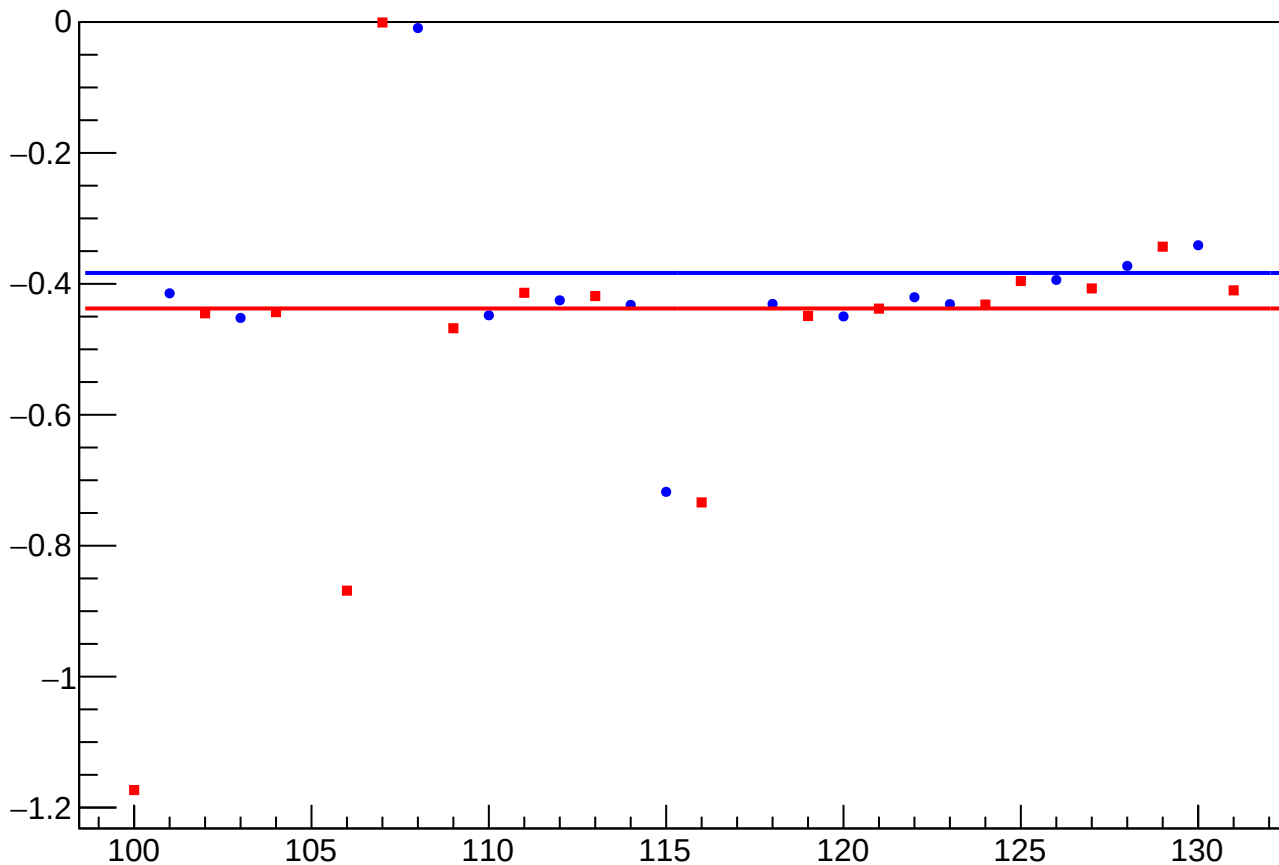
Right: 0.003+/-0.000 χ^2/NDF : 252220.5/29

In: 0.003+/-0.000 χ^2/NDF :148681.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 252220.5/29

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.383+/-0.000 χ^2/NDF : 667869874.4/13

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

Right Out: -0.438+/-0.000 χ^2/NDF : 1661604948.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

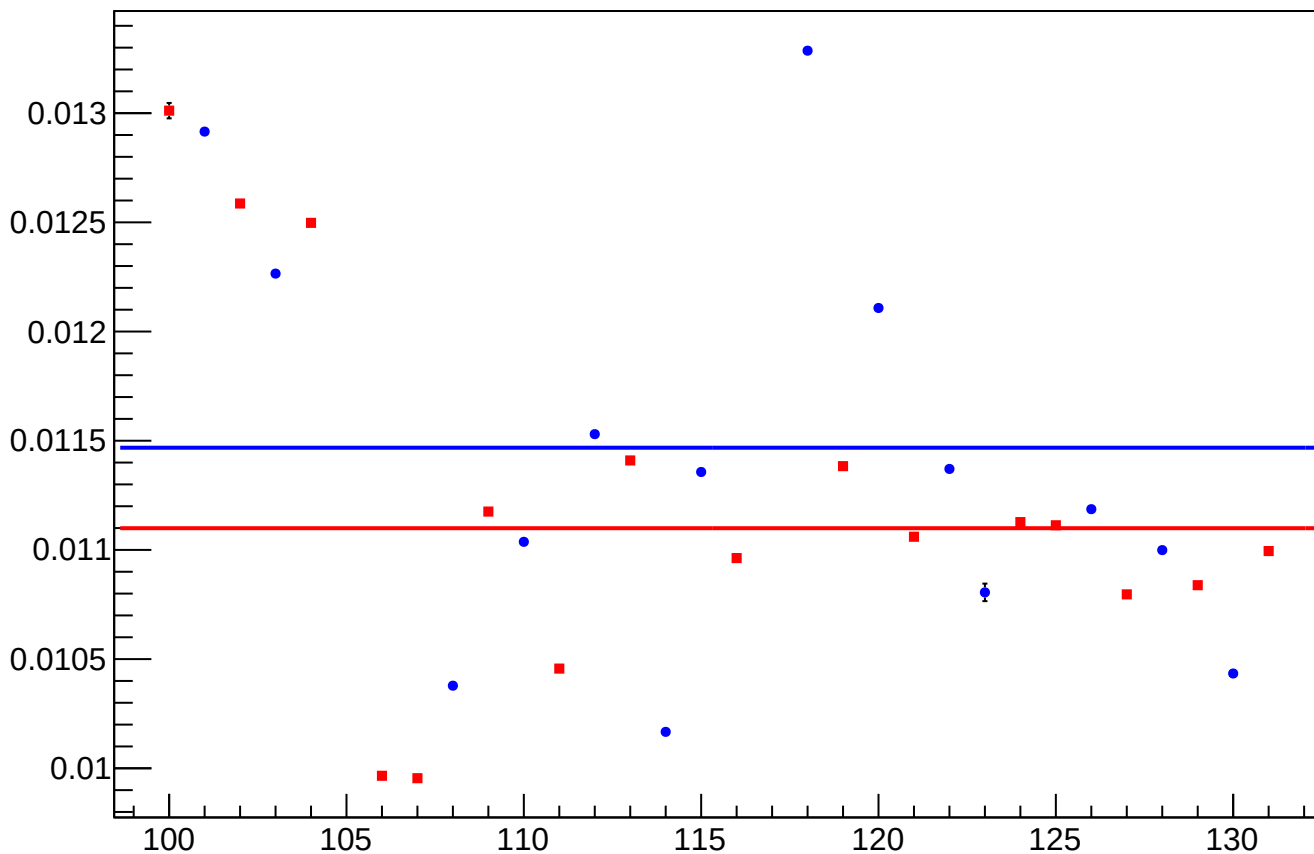
Right: -0.413+/-0.000 χ^2/NDF : 2392399659.5/29

In: -0.383+/-0.000 χ^2/NDF :667869874.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.413+/-0.000 χ^2/NDF : 2392399659.5/29

yield_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 63695.7/13

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

Right Out: 0.011+/-0.000 χ^2/NDF : 52412.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

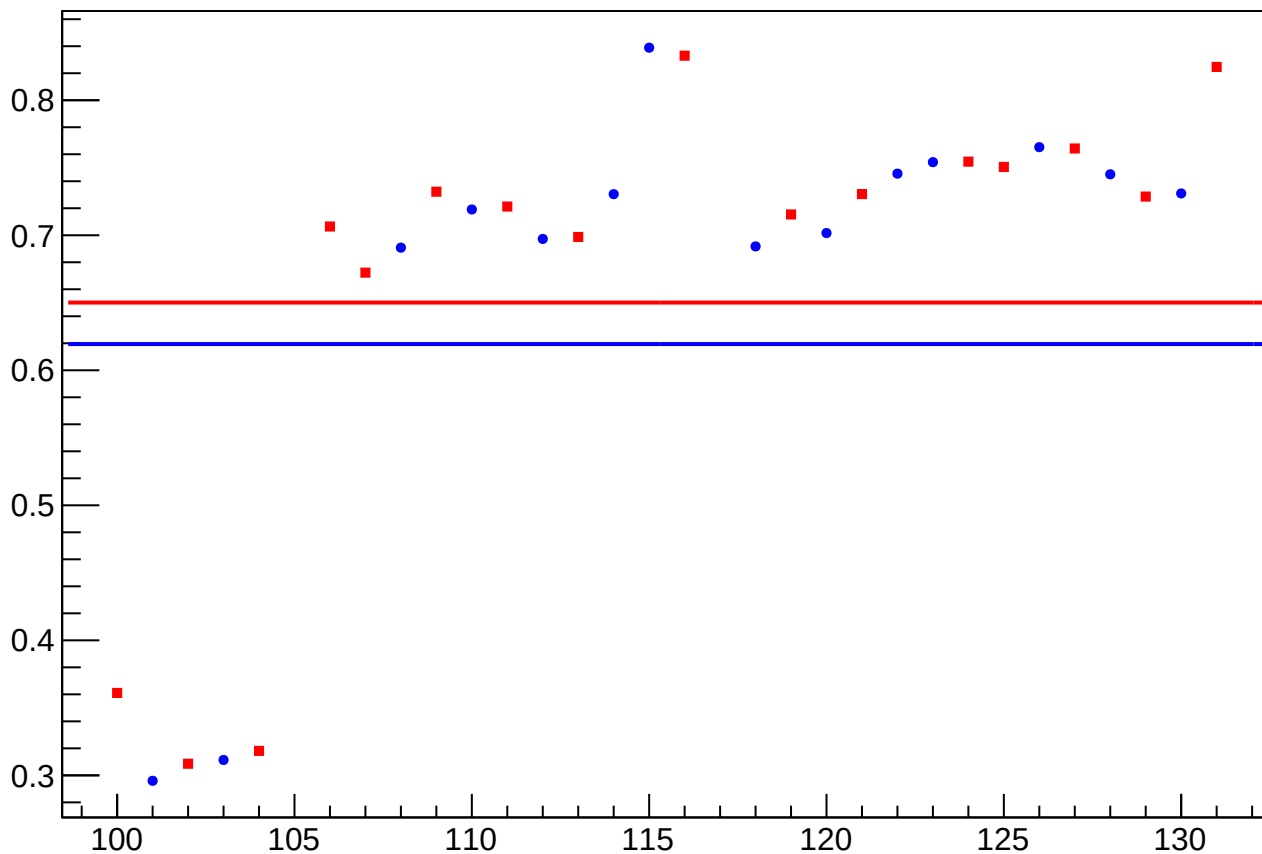
Right: 0.011+/-0.000 χ^2/NDF : 121912.7/29

In: 0.011+/-0.000 χ^2/NDF :63695.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 121912.7/29

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.619+/-0.000 χ^2/NDF : 26951072622.3/13

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

Right Out: 0.650+/-0.000 χ^2/NDF : 27376808816.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

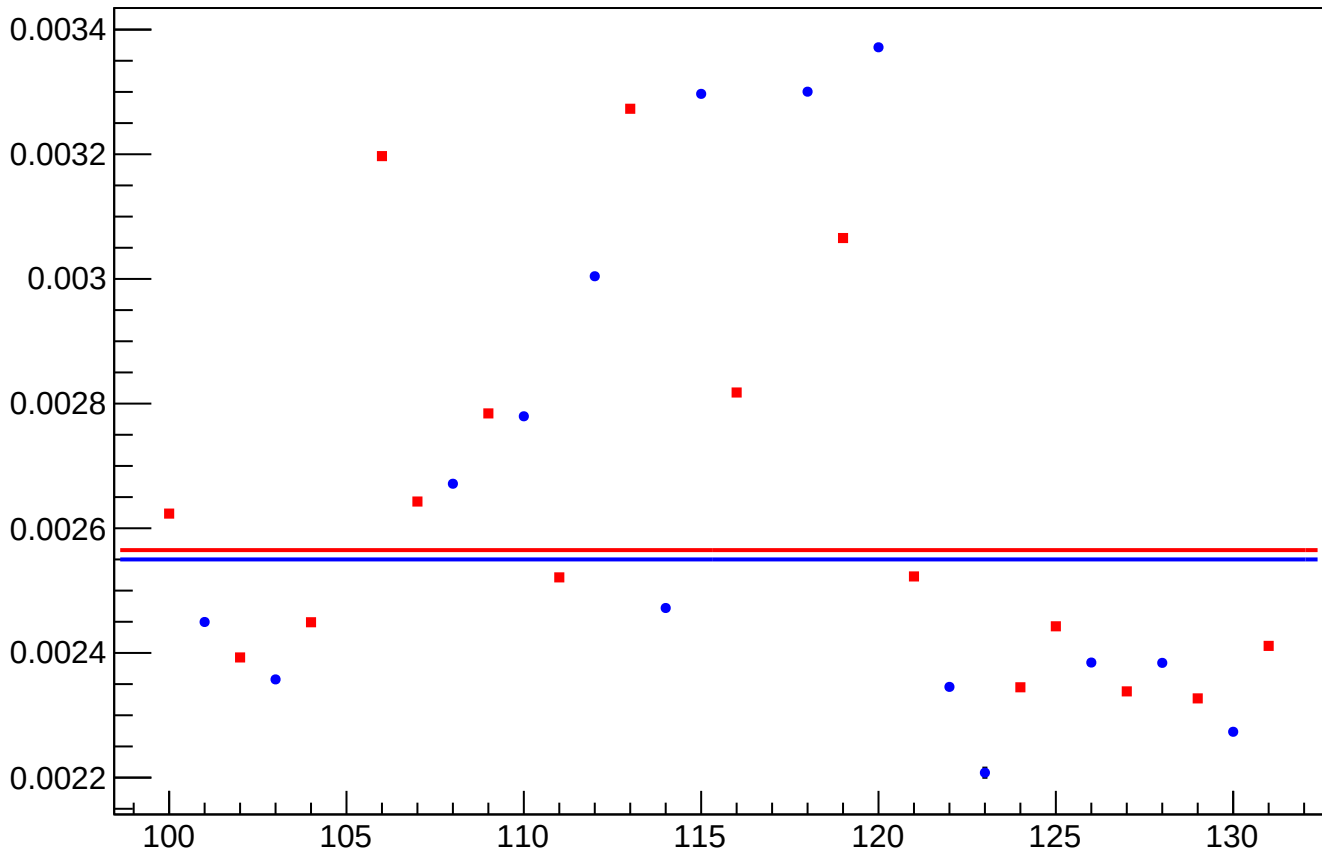
Right: 0.636+/-0.000 χ^2/NDF : 54708282819.7/29

In: 0.619+/-0.000 χ^2/NDF :26951072622.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.636+/-0.000 χ^2/NDF : 54708282819.7/29

yield_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 161681.2/13

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

Right Out: 0.003+/-0.000 χ^2/NDF : 120593.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

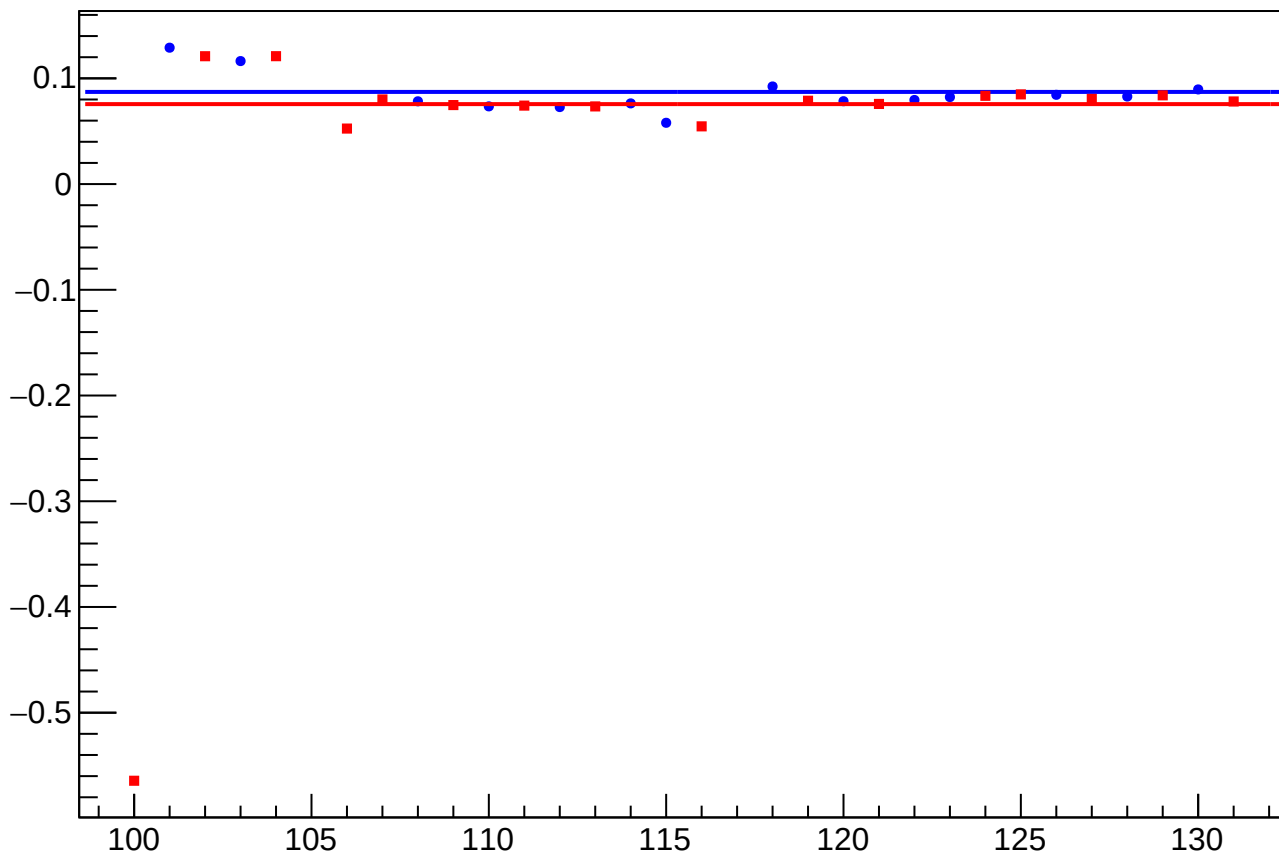
Right: 0.003+/-0.000 χ^2/NDF : 282454.5/29

In: 0.003+/-0.000 χ^2/NDF :161681.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 282454.5/29

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.087+/-0.000 χ^2/NDF : 15020313.7/13

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

Right Out: 0.076+/-0.000 χ^2/NDF : 221915466.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

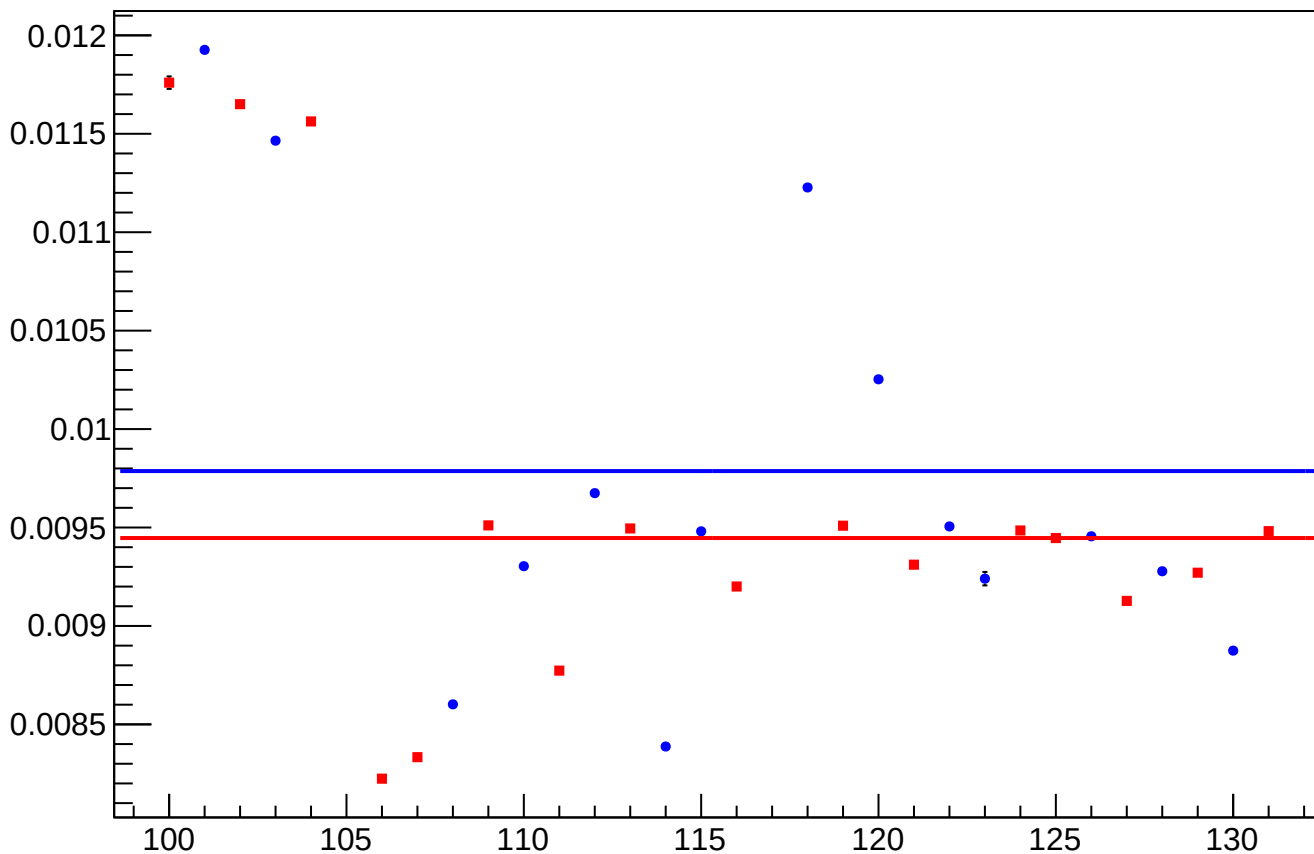
Right: 0.081+/-0.000 χ^2/NDF : 240823181.1/29

In: 0.087+/-0.000 χ^2/NDF :15020313.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.081+/-0.000 χ^2/NDF : 240823181.1/29

yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 115065.8/13

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

Right Out: 0.009+/-0.000 χ^2/NDF : 107810.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

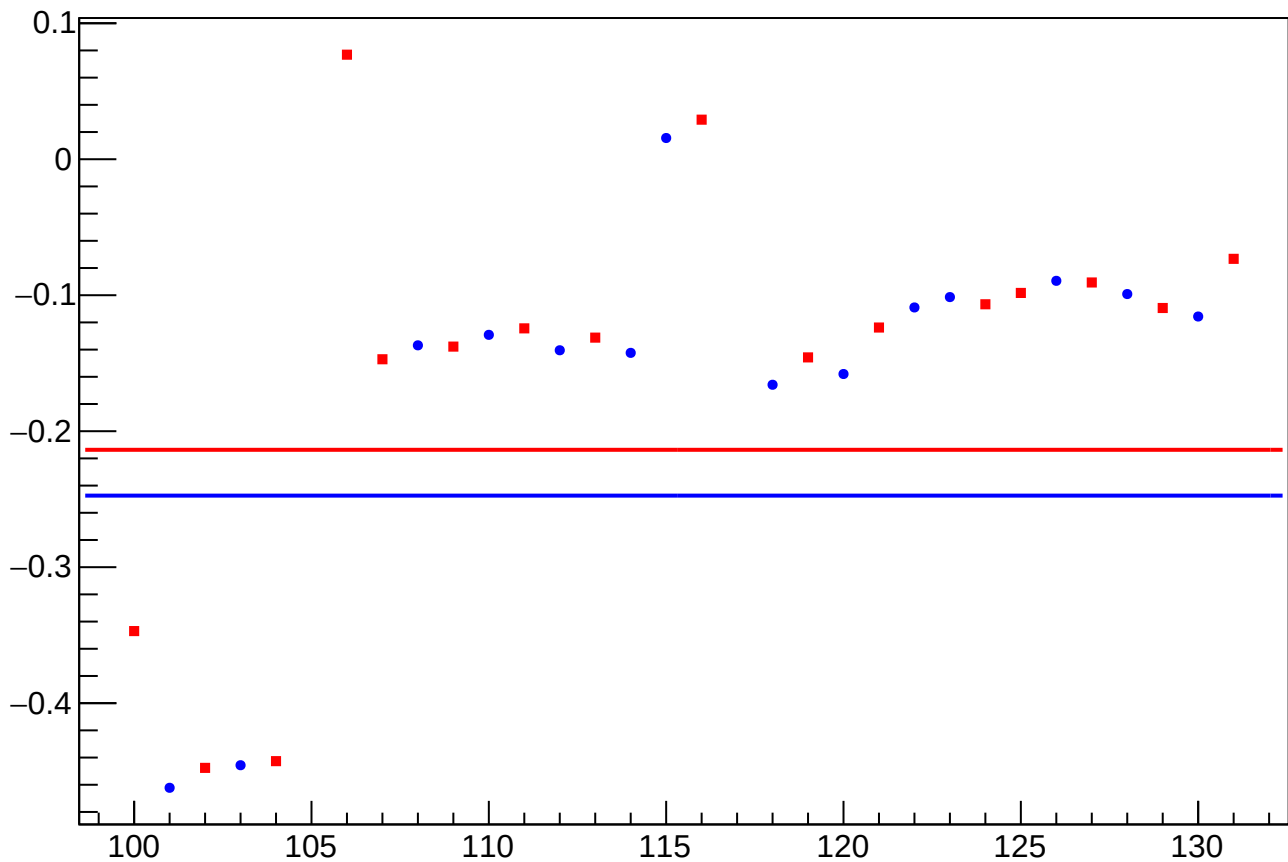
Right: 0.010+/-0.000 χ^2/NDF : 229637.6/29

In: 0.010+/-0.000 χ^2/NDF :115065.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.000 χ^2/NDF : 229637.6/29

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.247+/-0.000 χ^2/NDF : 6243190386.0/13

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

Right Out: -0.214+/-0.000 χ^2/NDF : 6771170099.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

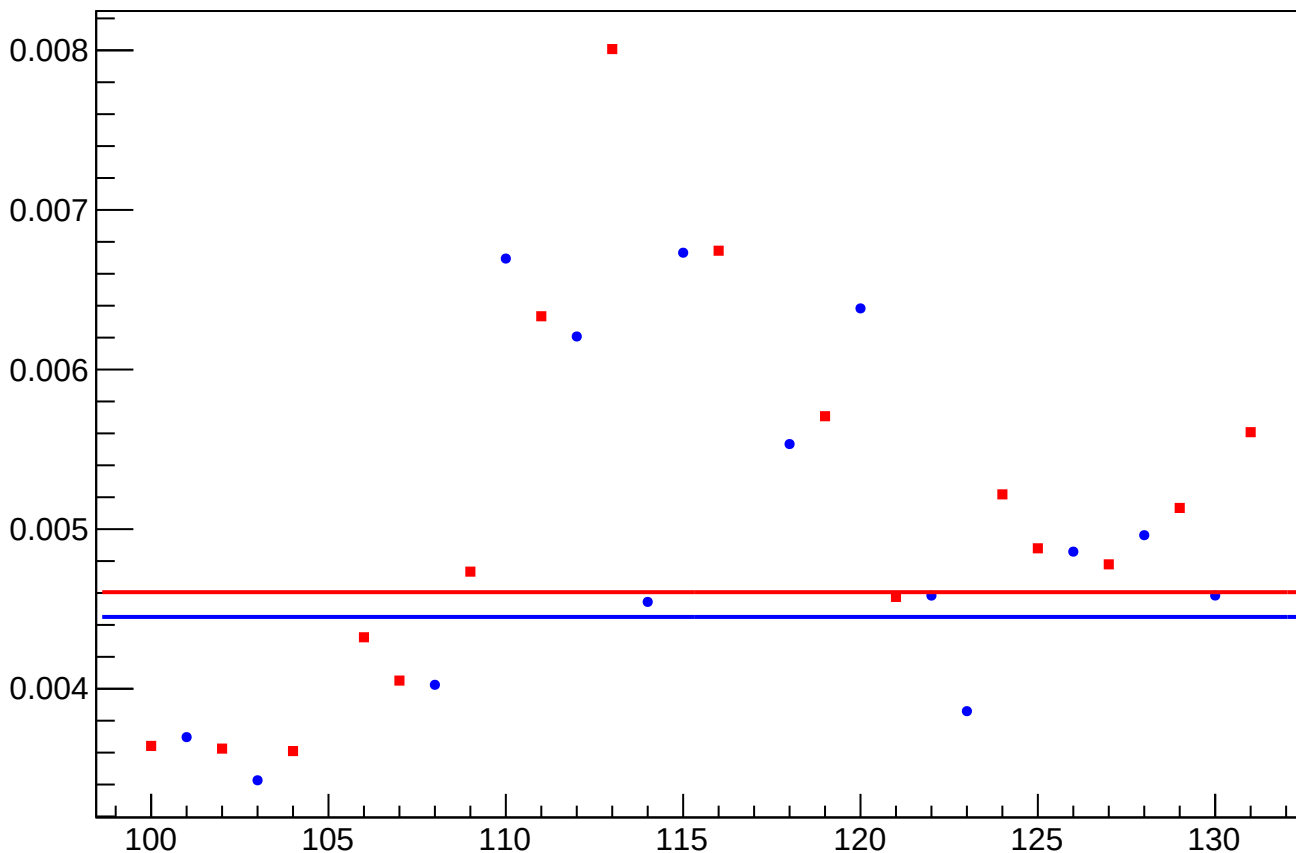
Right: -0.230+/-0.000 χ^2/NDF : 13151505607.0/29

In: -0.247+/-0.000 χ^2/NDF :6243190386.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.230+/-0.000 χ^2/NDF : 13151505607.0/29

yield_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 426856.6/13

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

Right Out: 0.005+/-0.000 χ^2/NDF : 498816.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

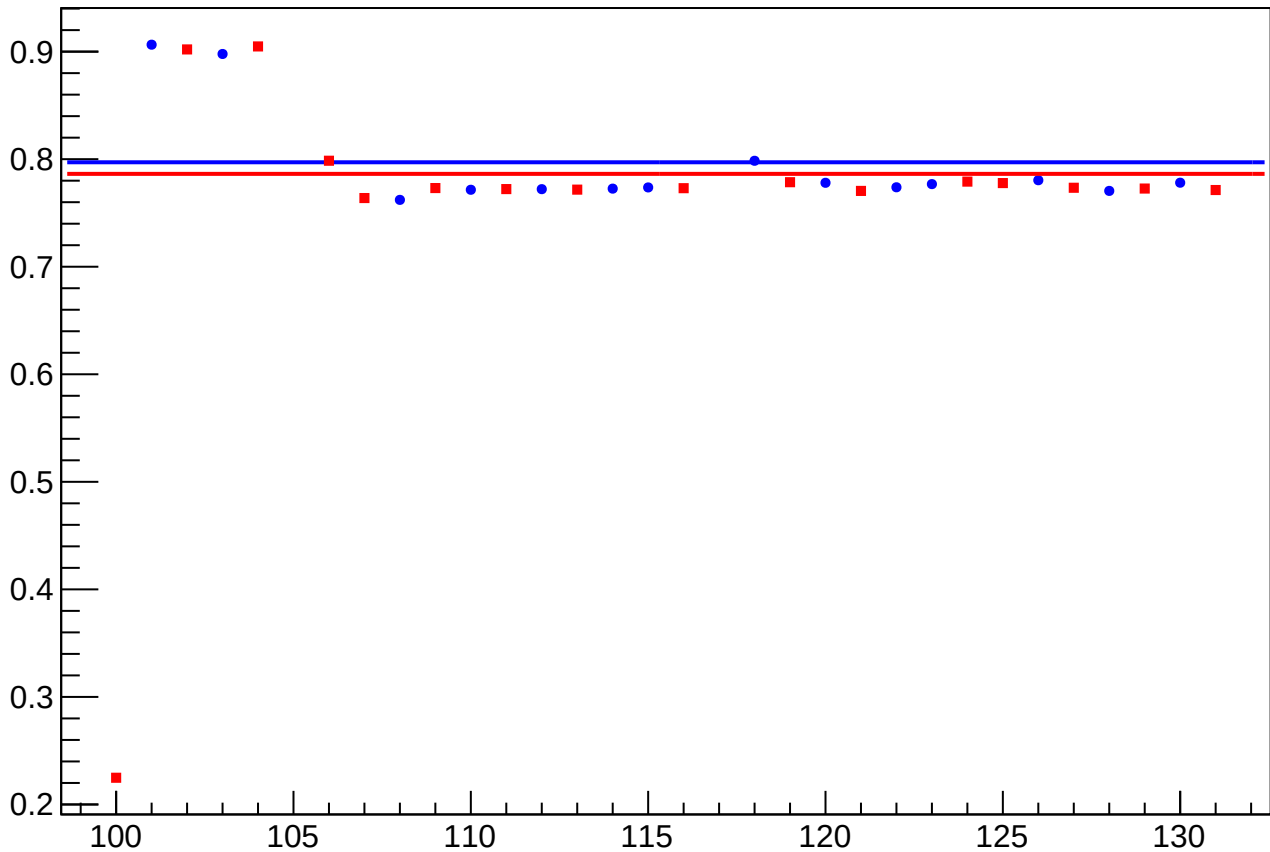
Right: 0.005+/-0.000 χ^2/NDF : 931492.1/29

In: 0.004+/-0.000 χ^2/NDF :426856.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 931492.1/29

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.797 $\pm$ 0.000 χ^2 /NDF: 98844476.2/13

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

Right Out: 0.786 $\pm$ 0.000 χ^2 /NDF: 240989979.8/15

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

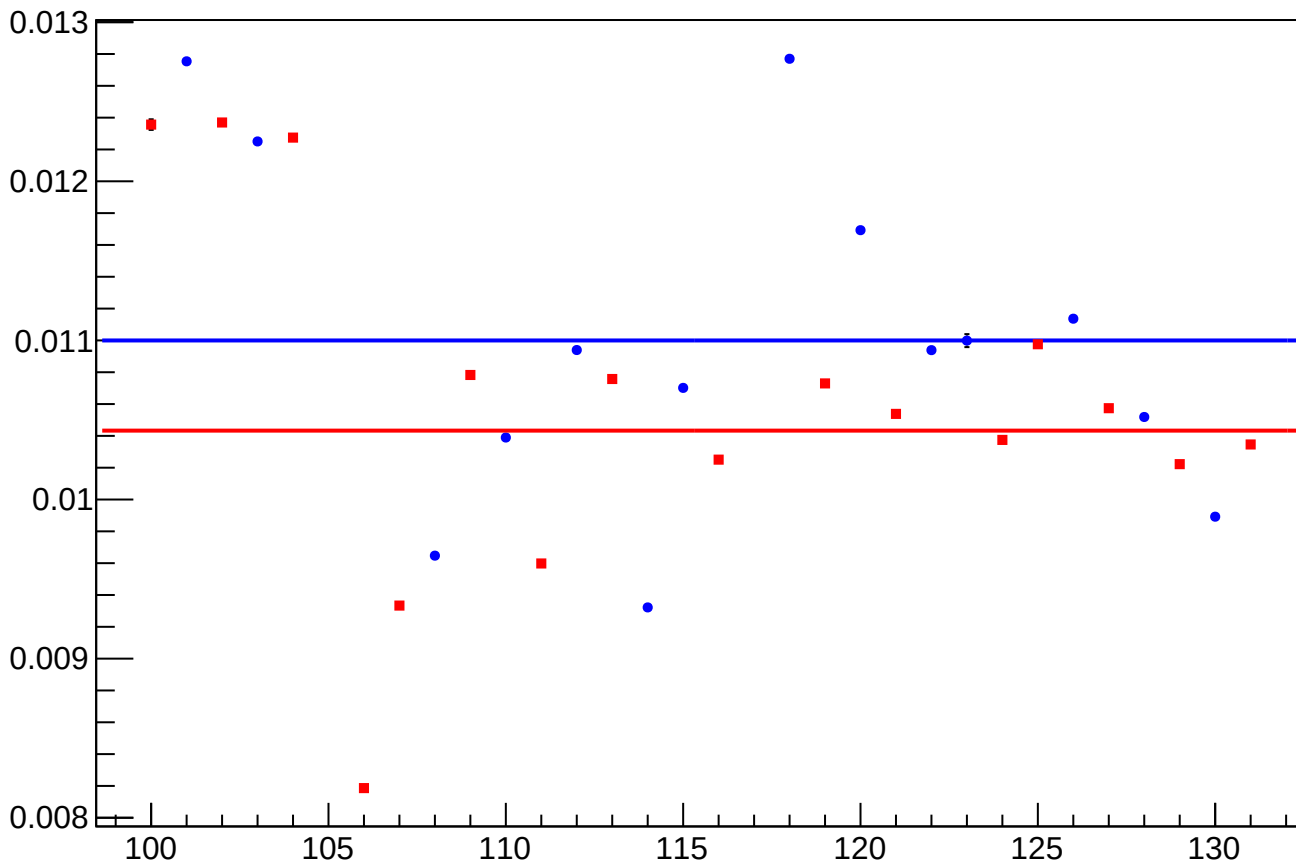
Right: 0.791 $\pm$ 0.000 χ^2 /NDF: 342563559.9/29

In: 0.797 $\pm$ 0.000 χ^2 /NDF:98844476.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.791 $\pm$ 0.000 χ^2 /NDF: 342563559.9/29

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 92274.1/13

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

Right Out: 0.010+/-0.000 χ^2/NDF : 116028.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

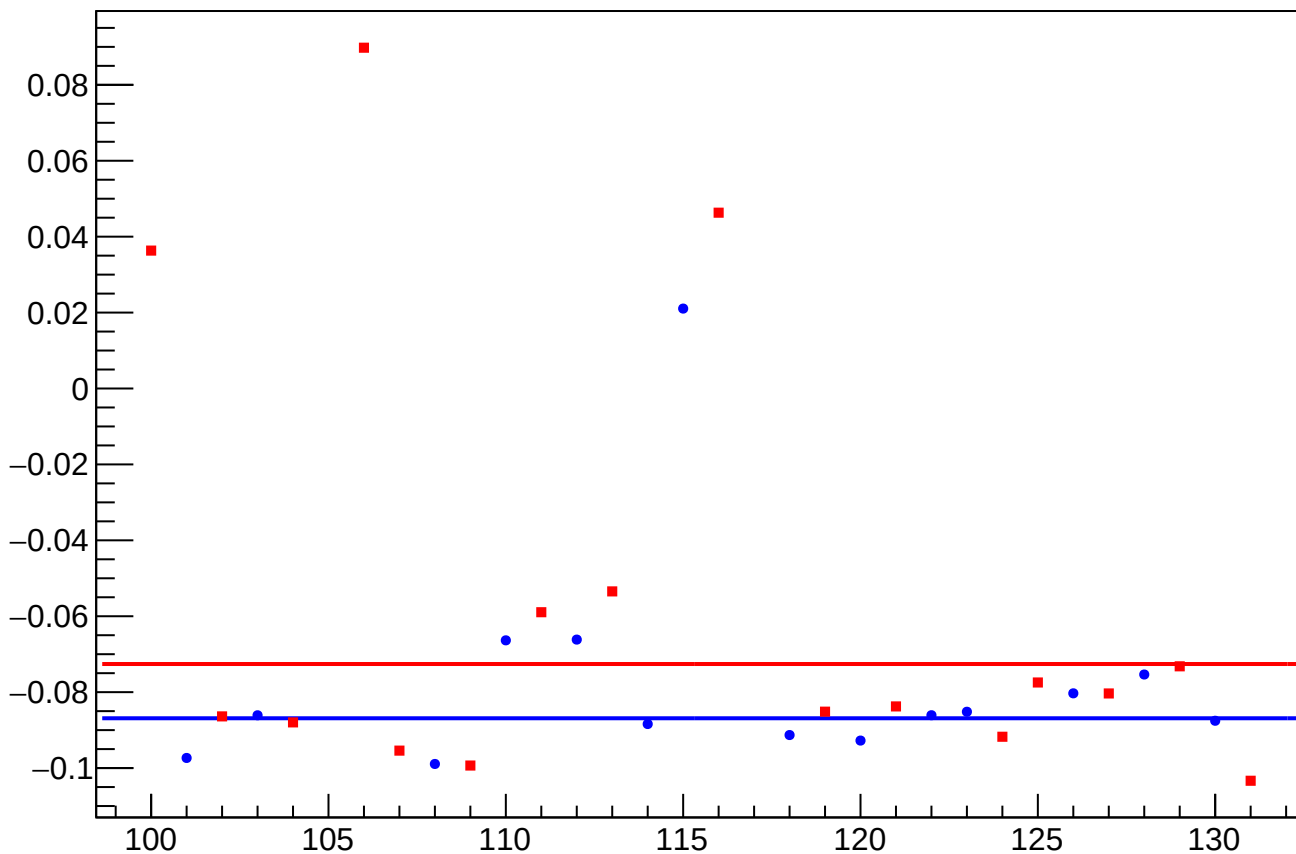
Right: 0.011+/-0.000 χ^2/NDF : 223399.1/29

In: 0.011+/-0.000 χ^2/NDF : 92274.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 223399.1/29

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -0.087+/-0.000 χ^2/NDF : 38252432.9/13

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

Right Out: -0.073+/-0.000 χ^2/NDF : 435770977.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

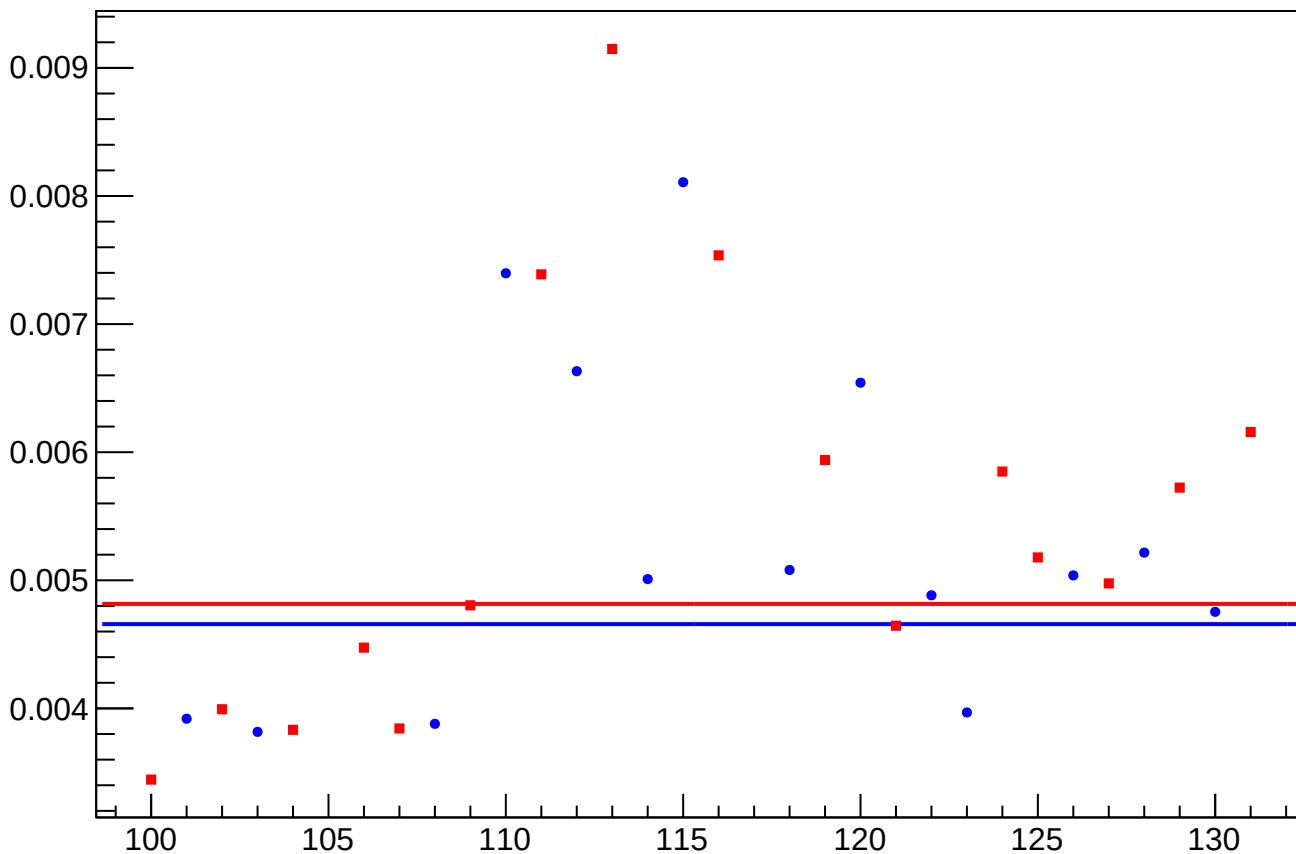
Right: -0.080+/-0.000 χ^2/NDF : 495762626.6/29

In: -0.087+/-0.000 χ^2/NDF :38252432.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.080+/-0.000 χ^2/NDF : 495762626.6/29

yield_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 392925.8/13

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

Right Out: 0.005+/-0.000 χ^2/NDF : 598845.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

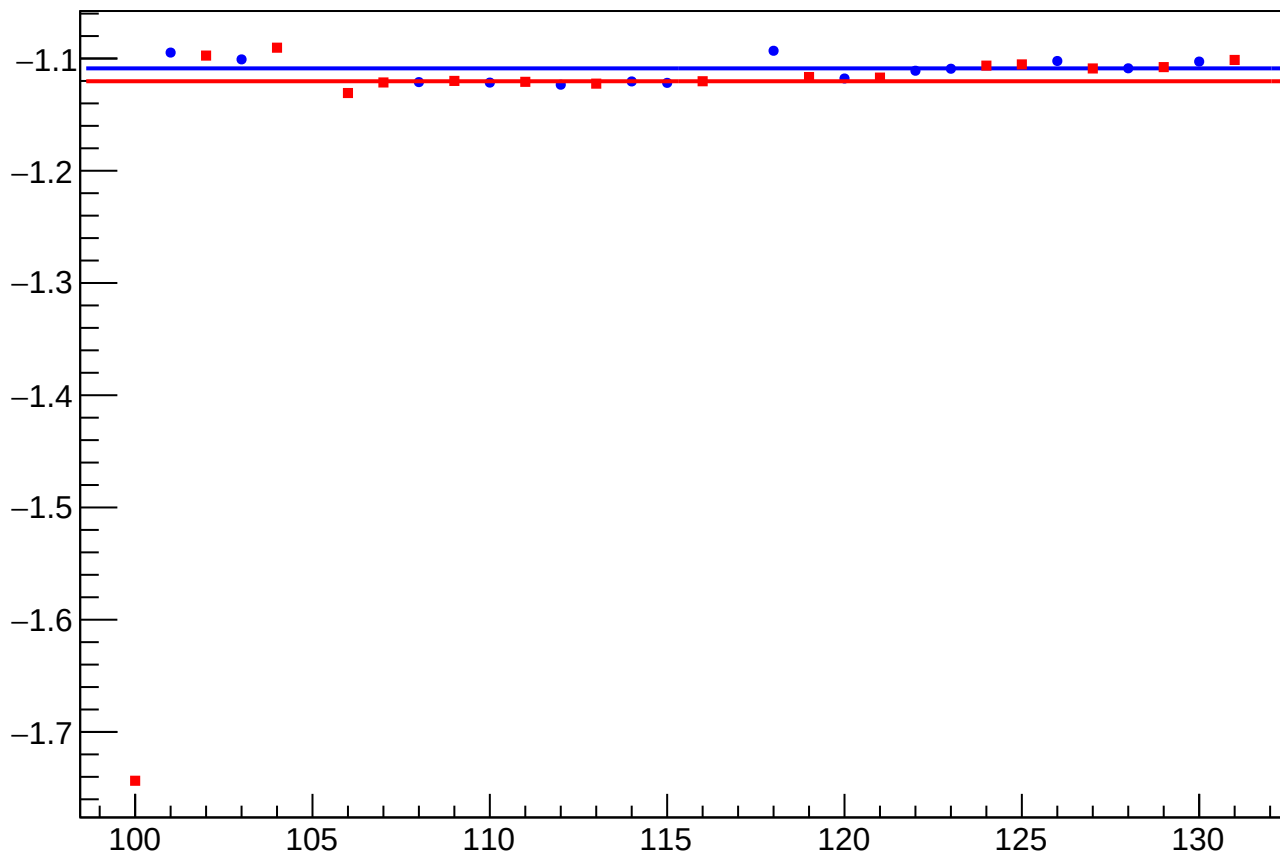
Right: 0.005+/-0.000 χ^2/NDF : 997057.4/29

In: 0.005+/-0.000 χ^2/NDF :392925.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 997057.4/29

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -1.109+/-0.000 χ^2/NDF : 3864084.0/13

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

Right Out: -1.120+/-0.000 χ^2/NDF : 208112902.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

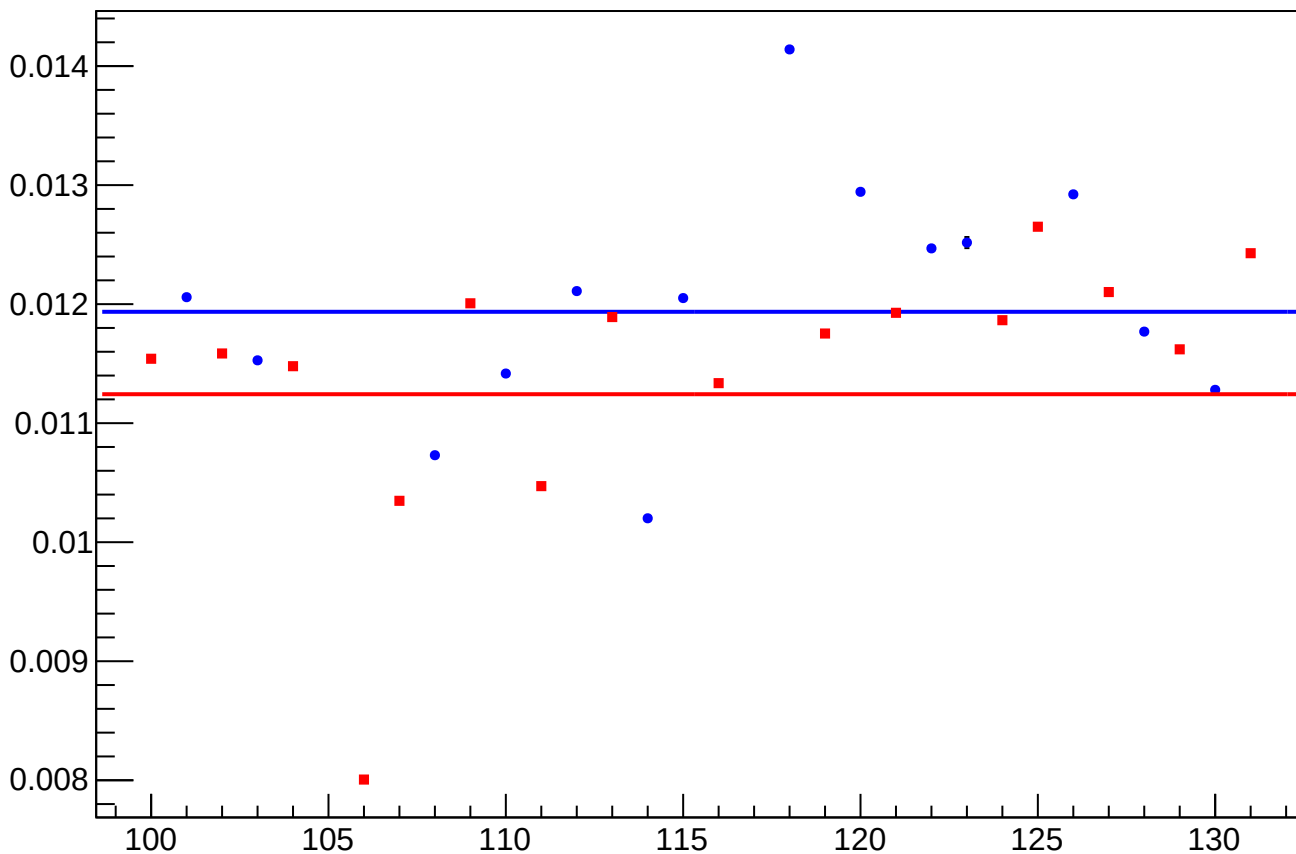
Right: -1.115+/-0.000 χ^2/NDF : 214614732.7/29

In: -1.109+/-0.000 χ^2/NDF : 3864084.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.115+/-0.000 χ^2/NDF : 214614732.7/29

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 54353.1/13

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

Right Out: 0.011+/-0.000 χ^2/NDF : 138757.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

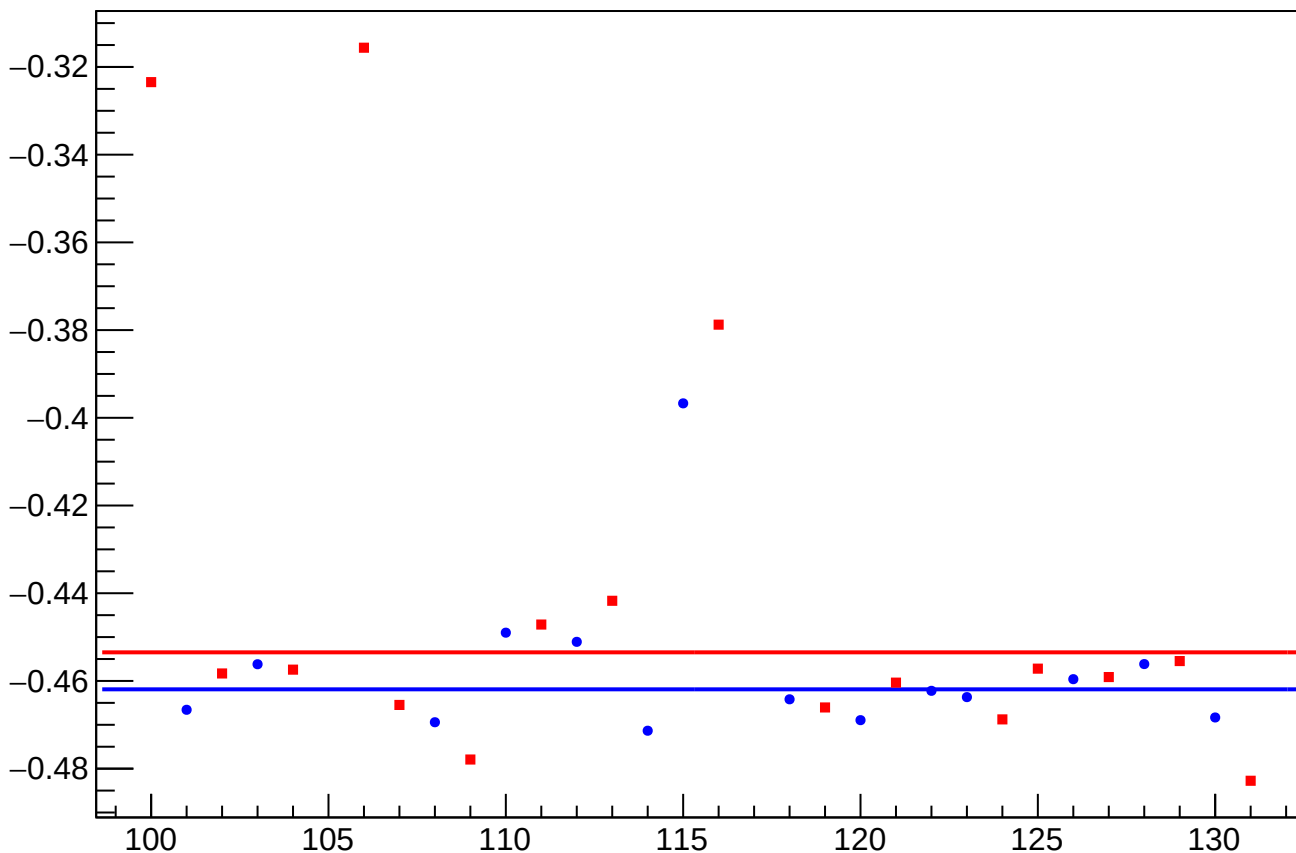
Right: 0.012+/-0.000 χ^2/NDF : 212309.4/29

In: 0.012+/-0.000 χ^2/NDF :54353.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 212309.4/29

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.462+/-0.000 χ^2/NDF : 23654851.5/13

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

Right Out: -0.453+/-0.000 χ^2/NDF : 363666497.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

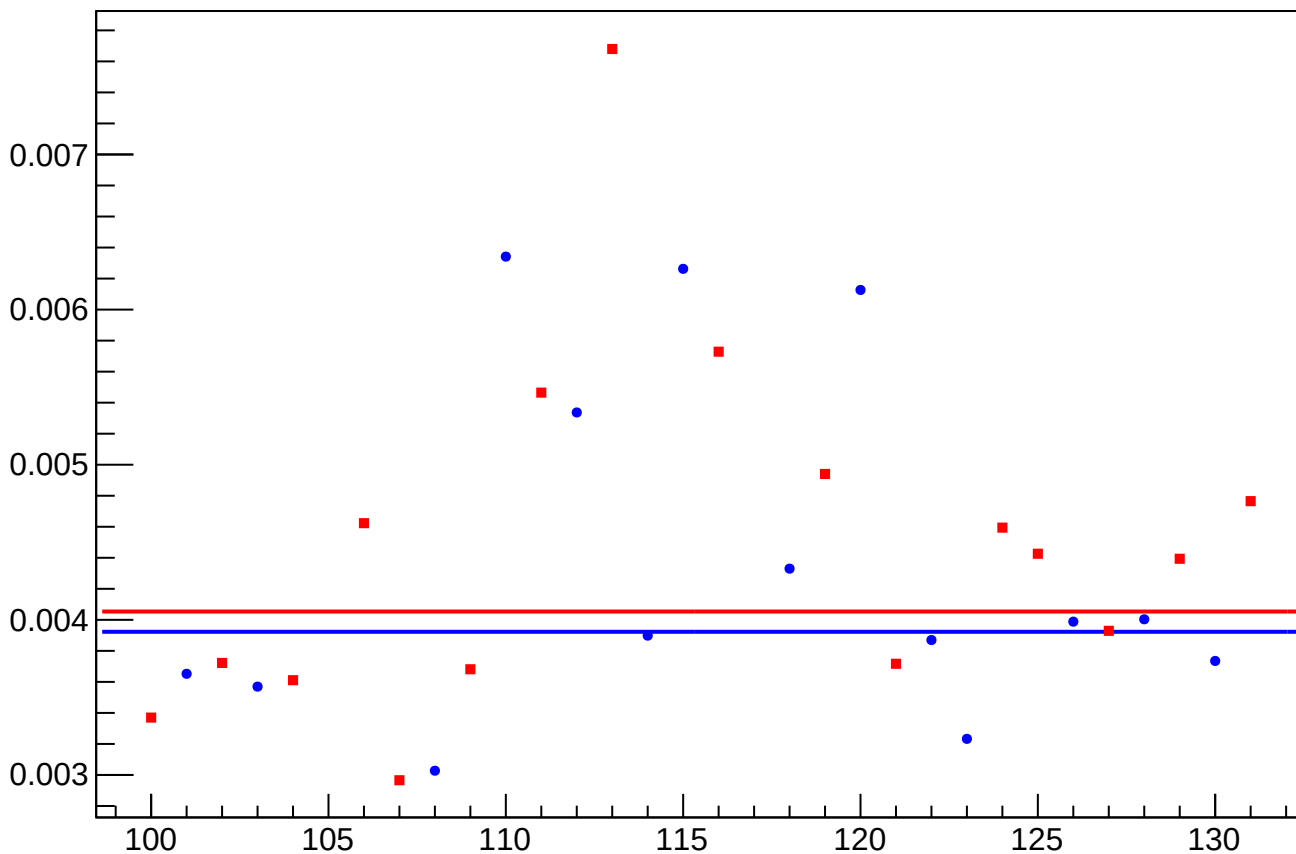
Right: -0.458+/-0.000 χ^2/NDF : 398027487.5/29

In: -0.462+/-0.000 χ^2/NDF :23654851.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.458+/-0.000 χ^2/NDF : 398027487.5/29

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 346198.2/13

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

Right Out: 0.004+/-0.000 χ^2/NDF : 466450.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

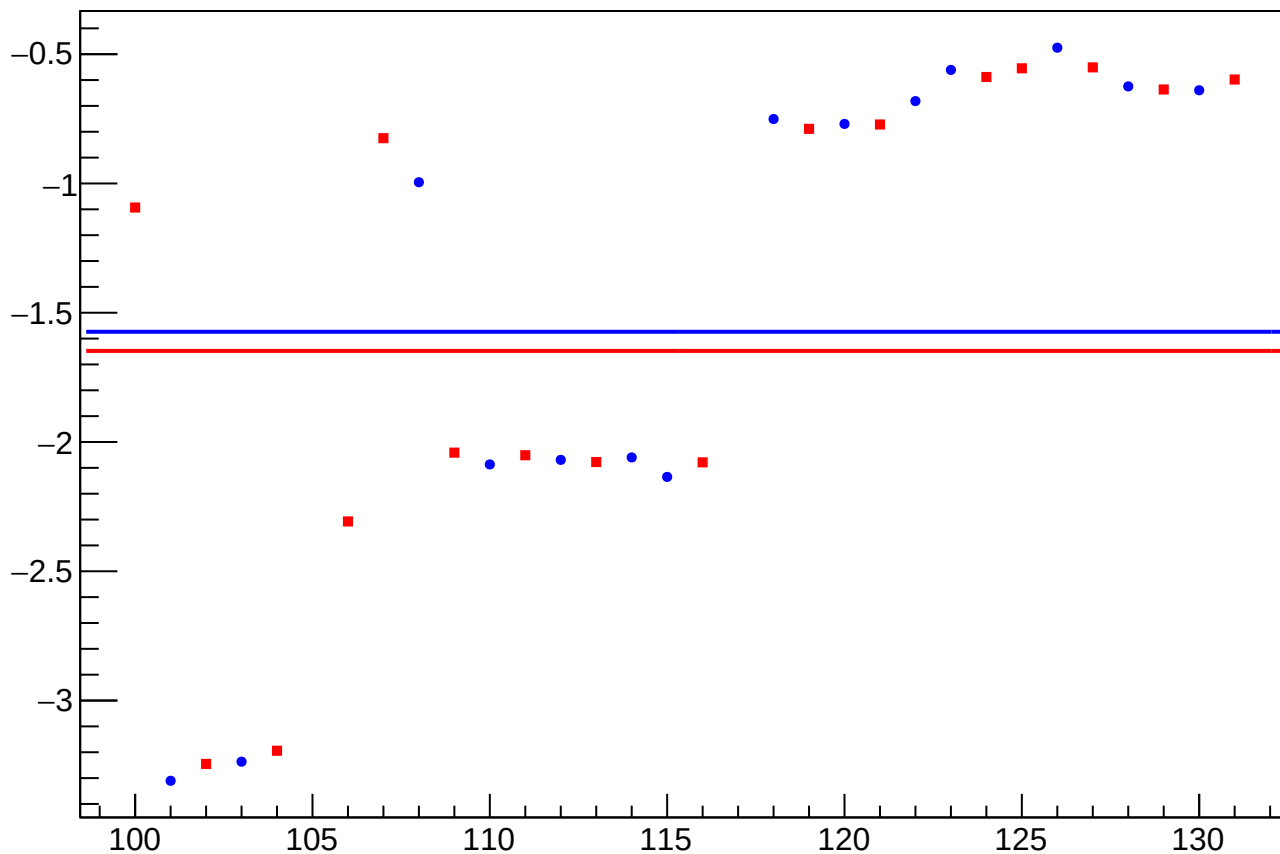
Right: 0.004+/-0.000 χ^2/NDF : 817783.9/29

In: 0.004+/-0.000 χ^2/NDF : 346198.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 817783.9/29

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -1.574+/-0.000 χ^2/NDF : 1148283940.9/13

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

Right Out: -1.648+/-0.000 χ^2/NDF : 1053237721.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

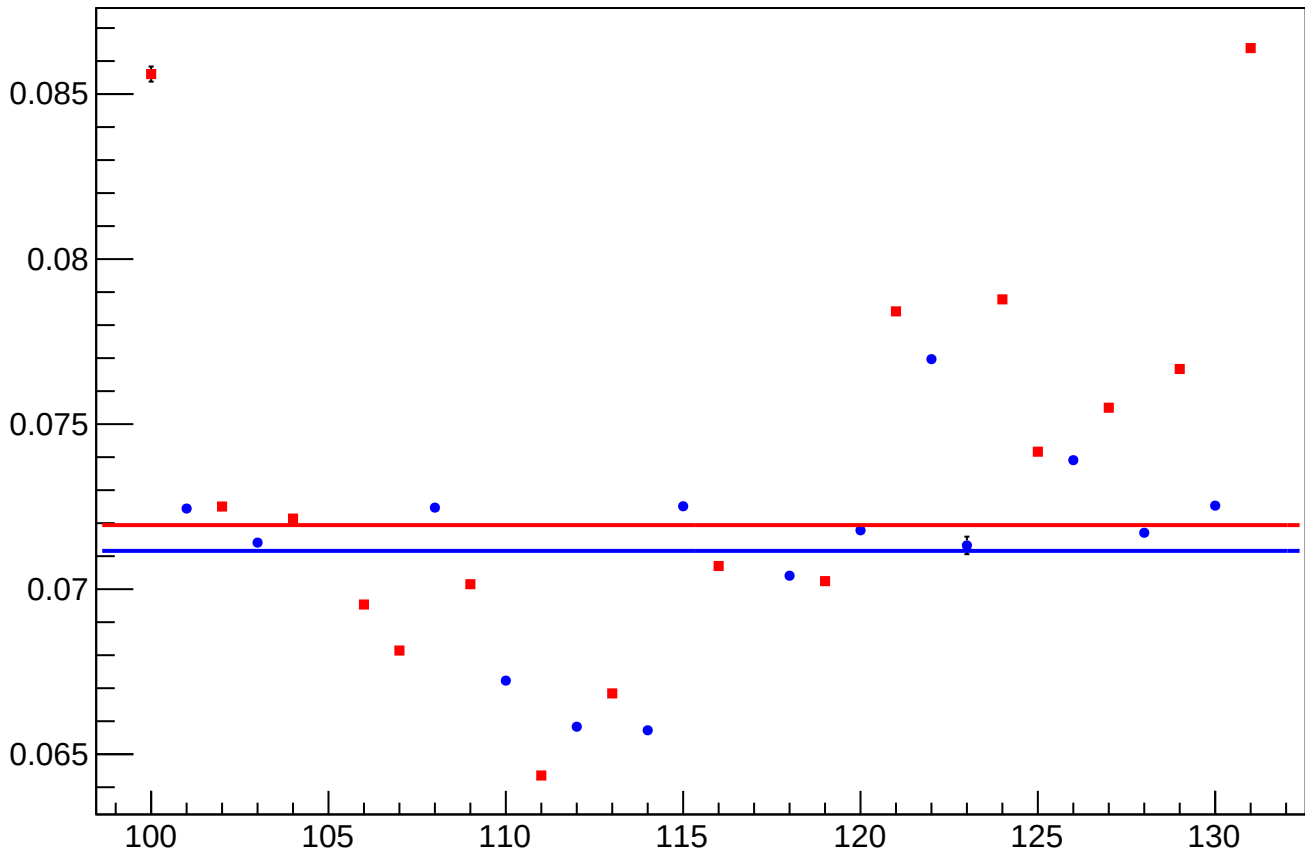
Right: -1.612+/-0.000 χ^2/NDF : 2204476543.4/29

In: -1.574+/-0.000 χ^2/NDF :1148283940.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.612+/-0.000 χ^2/NDF : 2204476543.4/2

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.071+/-0.000 χ^2/NDF : 17037.0/13

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

Right Out: 0.072+/-0.000 χ^2/NDF : 57387.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

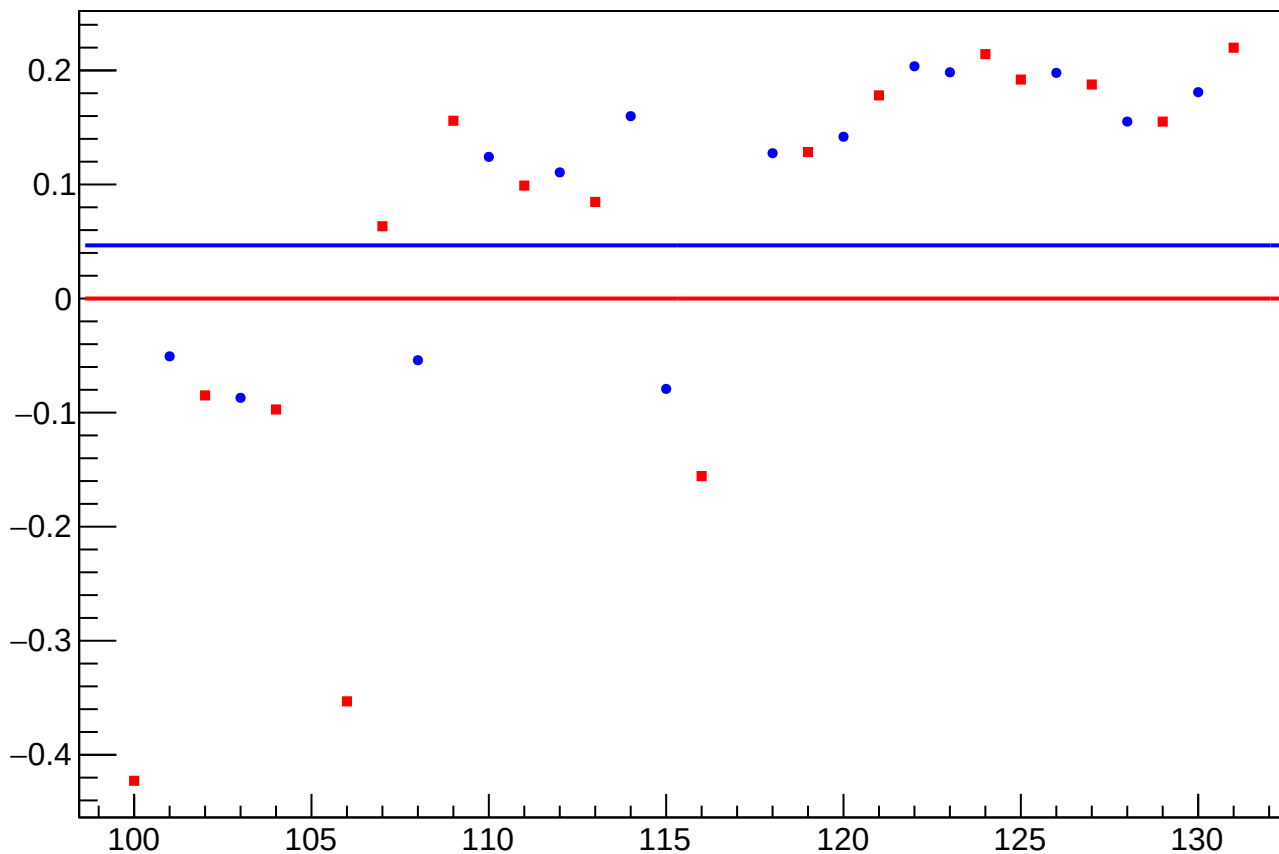
Right: 0.072+/-0.000 χ^2/NDF : 75082.9/29

In: 0.071+/-0.000 χ^2/NDF : 17037.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.072+/-0.000 χ^2/NDF : 75082.9/29

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 0.047+/-0.000

χ^2/NDF : 448656877.0/13

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.022+/-0.000

χ^2/NDF : 1679476896.5/29

Right Out: 0.000+/-0.000

χ^2/NDF : 1192180446.8/15

In: 0.047+/-0.000

χ^2/NDF : 448656877.0/13

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

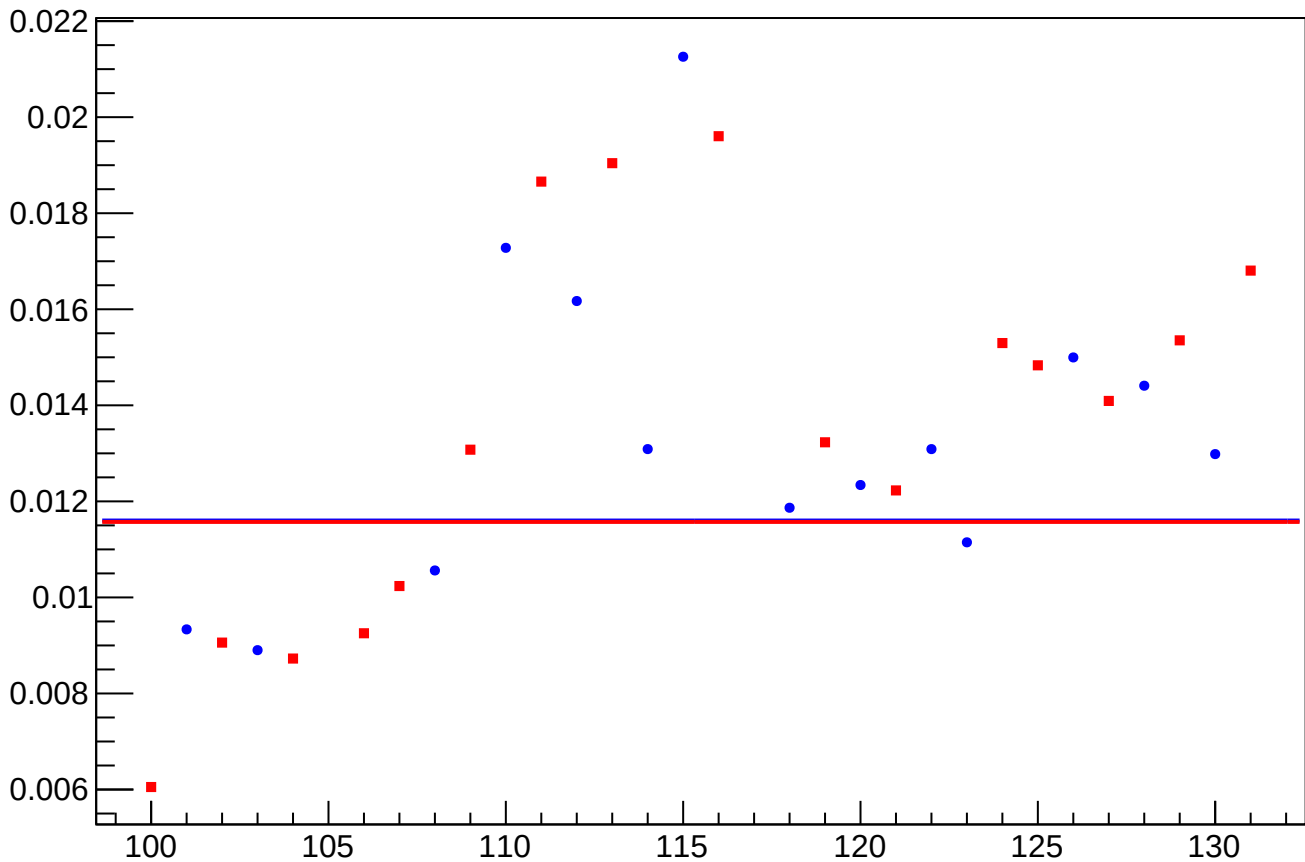
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.022+/-0.000

χ^2/NDF : 1679476896.5/29

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 448437.4/13

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

Right Out: 0.012+/-0.000 χ^2/NDF : 844598.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

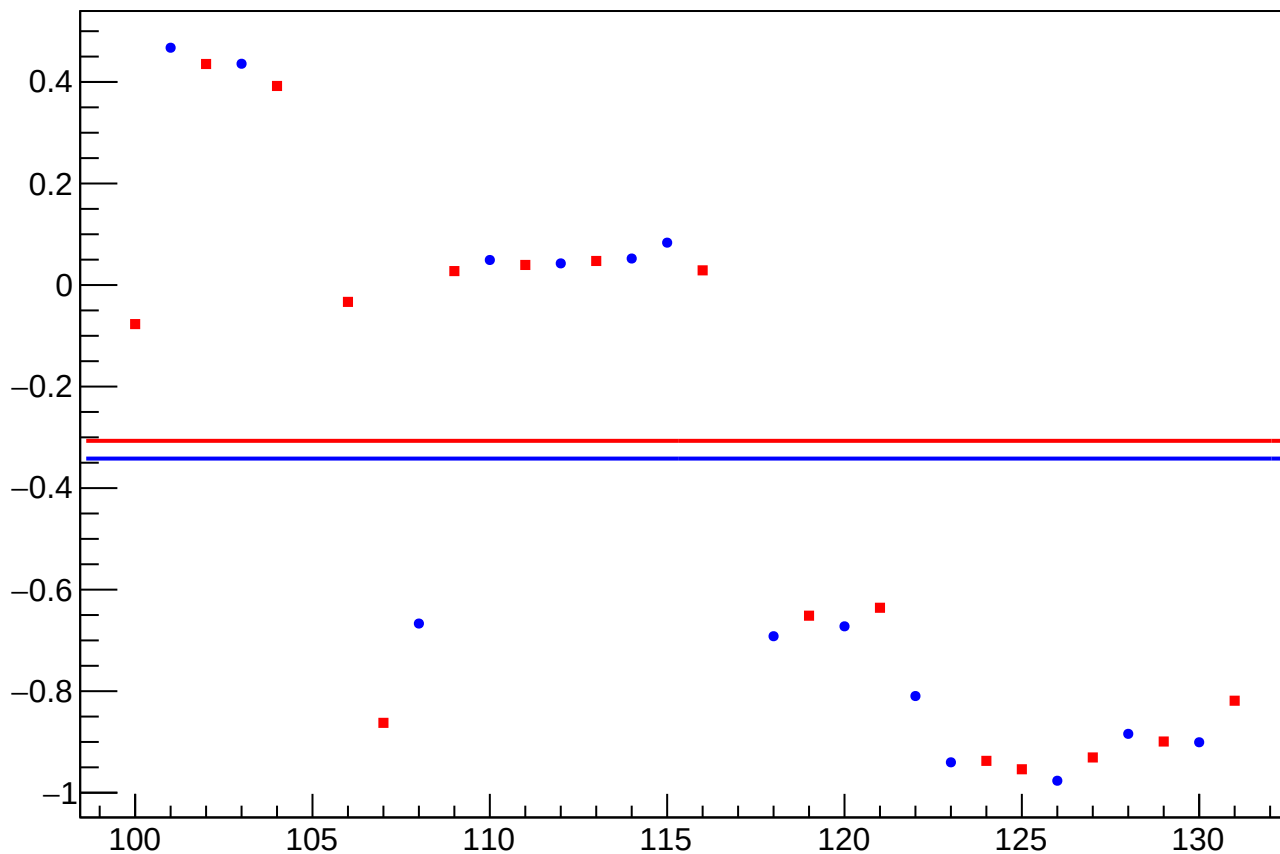
Right: 0.012+/-0.000 χ^2/NDF : 1293065.0/29

In: 0.012+/-0.000 χ^2/NDF :448437.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 1293065.0/29

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: -0.342+/-0.000 χ^2/NDF : 203219543.8/13

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

Right Out: -0.307+/-0.000 χ^2/NDF : 198644897.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

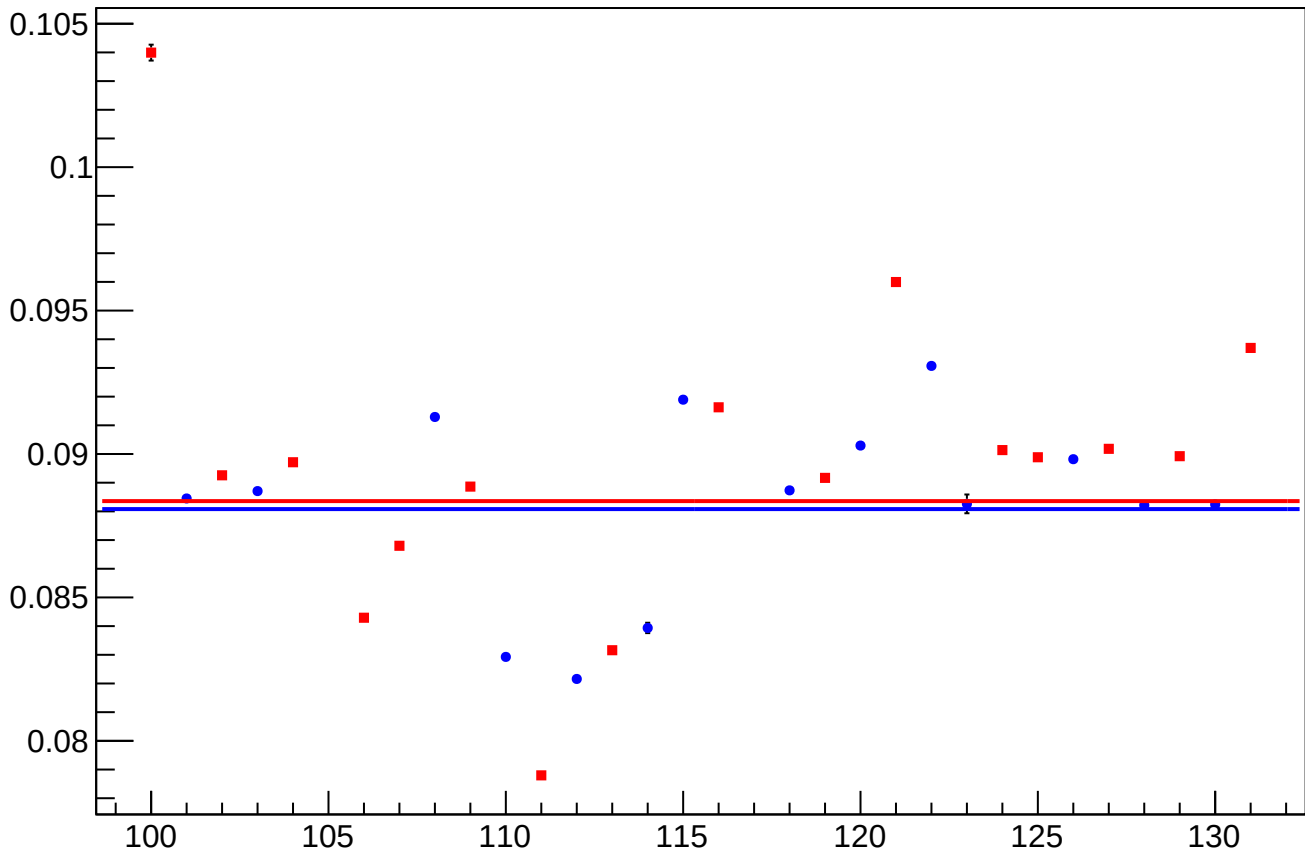
Right: -0.323+/-0.000 χ^2/NDF : 402304033.1/29

In: -0.342+/-0.000 χ^2/NDF :203219543.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.323+/-0.000 χ^2/NDF : 402304033.1/29

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.088+/-0.000 χ^2/NDF : 12781.6/13

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

Right Out: 0.088+/-0.000 χ^2/NDF : 30291.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

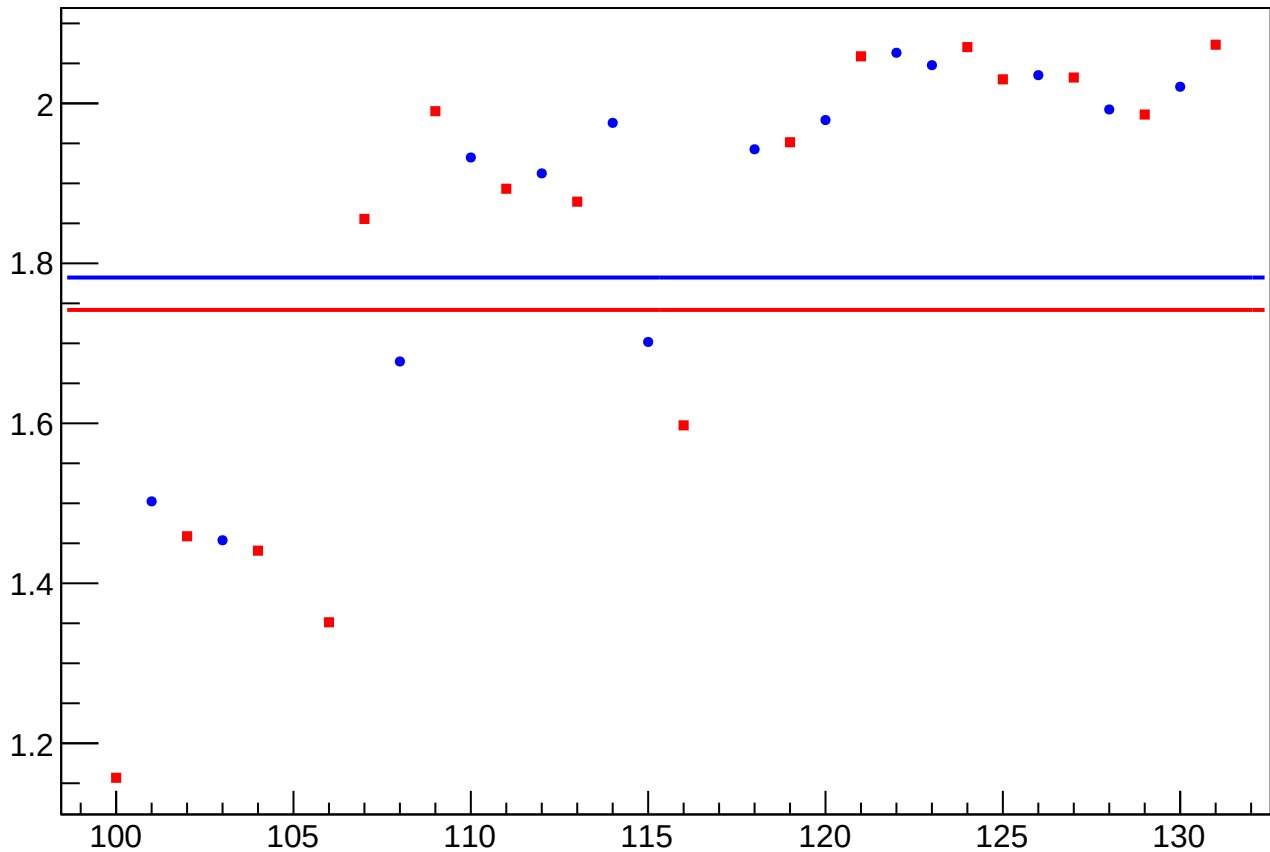
Right: 0.088+/-0.000 χ^2/NDF : 43128.8/29

In: 0.088+/-0.000 χ^2/NDF : 12781.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.088+/-0.000 χ^2/NDF : 43128.8/29

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.782+/-0.000 χ^2/NDF : 1083054476.4/13

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

Right Out: 1.742+/-0.000 χ^2/NDF : 1610960547.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

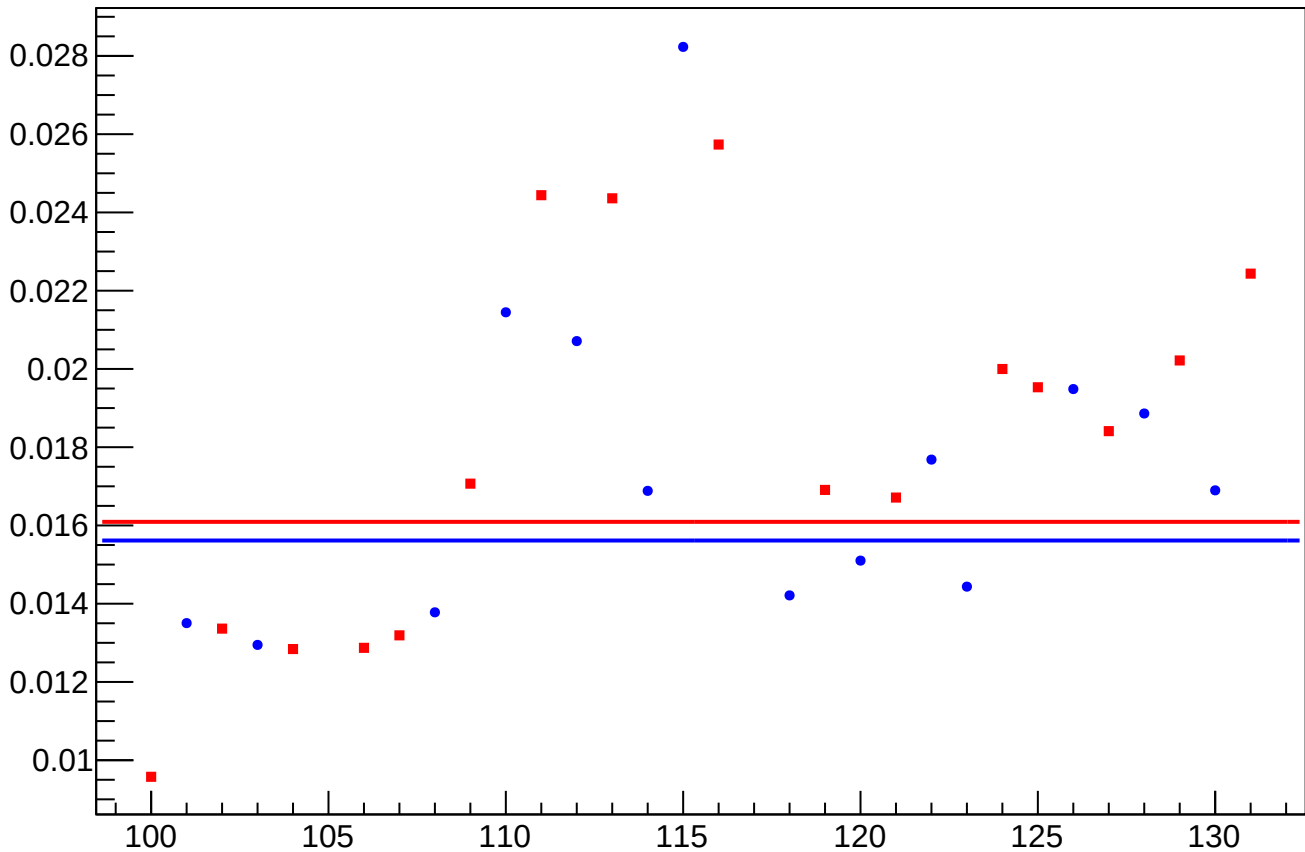
Right: 1.762+/-0.000 χ^2/NDF : 2709920783.4/29

In: 1.782+/-0.000 χ^2/NDF : 1083054476.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.762+/-0.000 χ^2/NDF : 2709920783.4/29

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 308390.6/13

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

Right Out: 0.016+/-0.000 χ^2/NDF : 596359.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

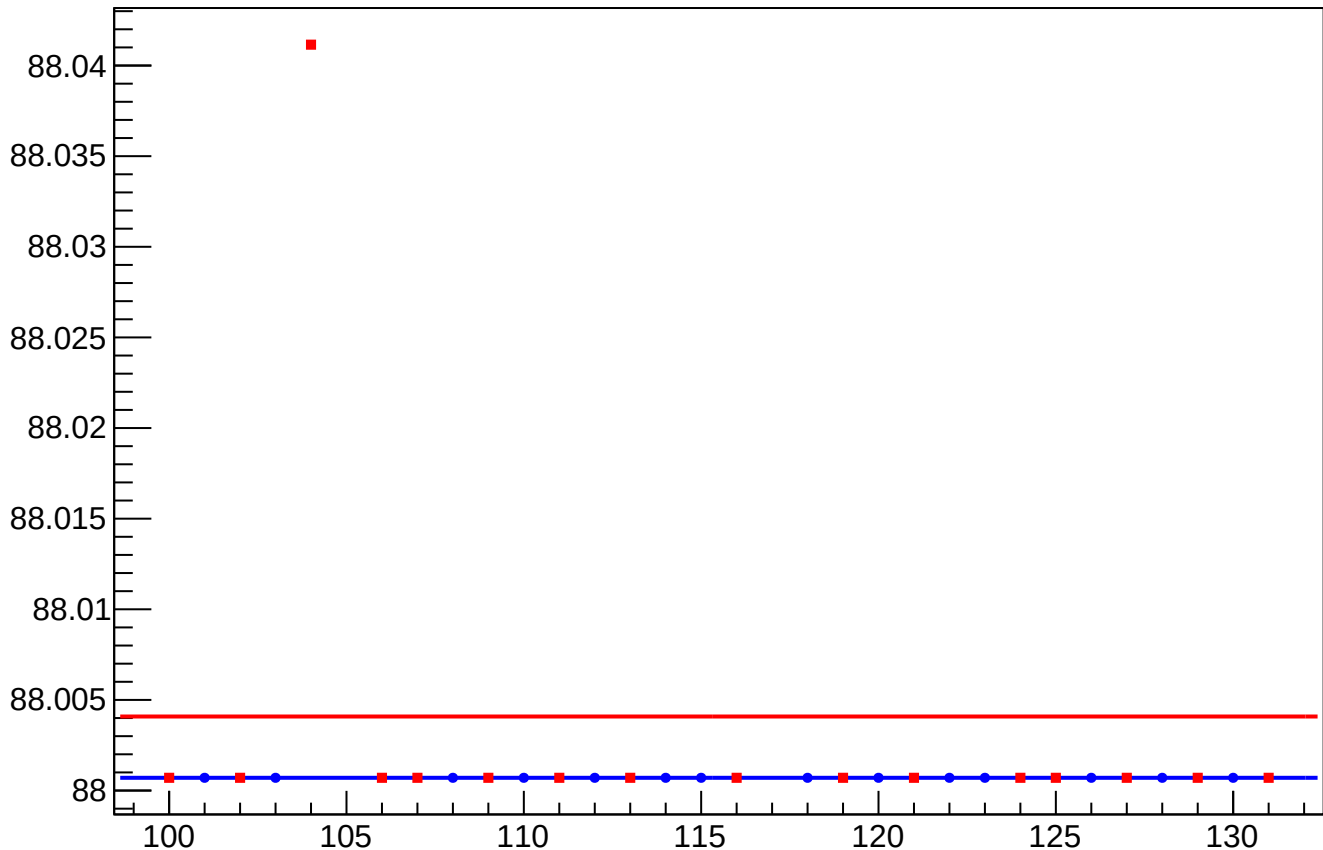
Right: 0.016+/-0.000 χ^2/NDF : 909167.5/29

In: 0.016+/-0.000 χ^2/NDF :308390.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.016+/-0.000 χ^2/NDF : 909167.5/29

epics_VWienAngles_mean vs Slug, Sign Corrected



Right In: 88.001+/-0.000 χ^2 /NDF: 1295095.0/13

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

Right Out: 88.004+/-0.000 χ^2 /NDF: 76463724965192244477116284928.0/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

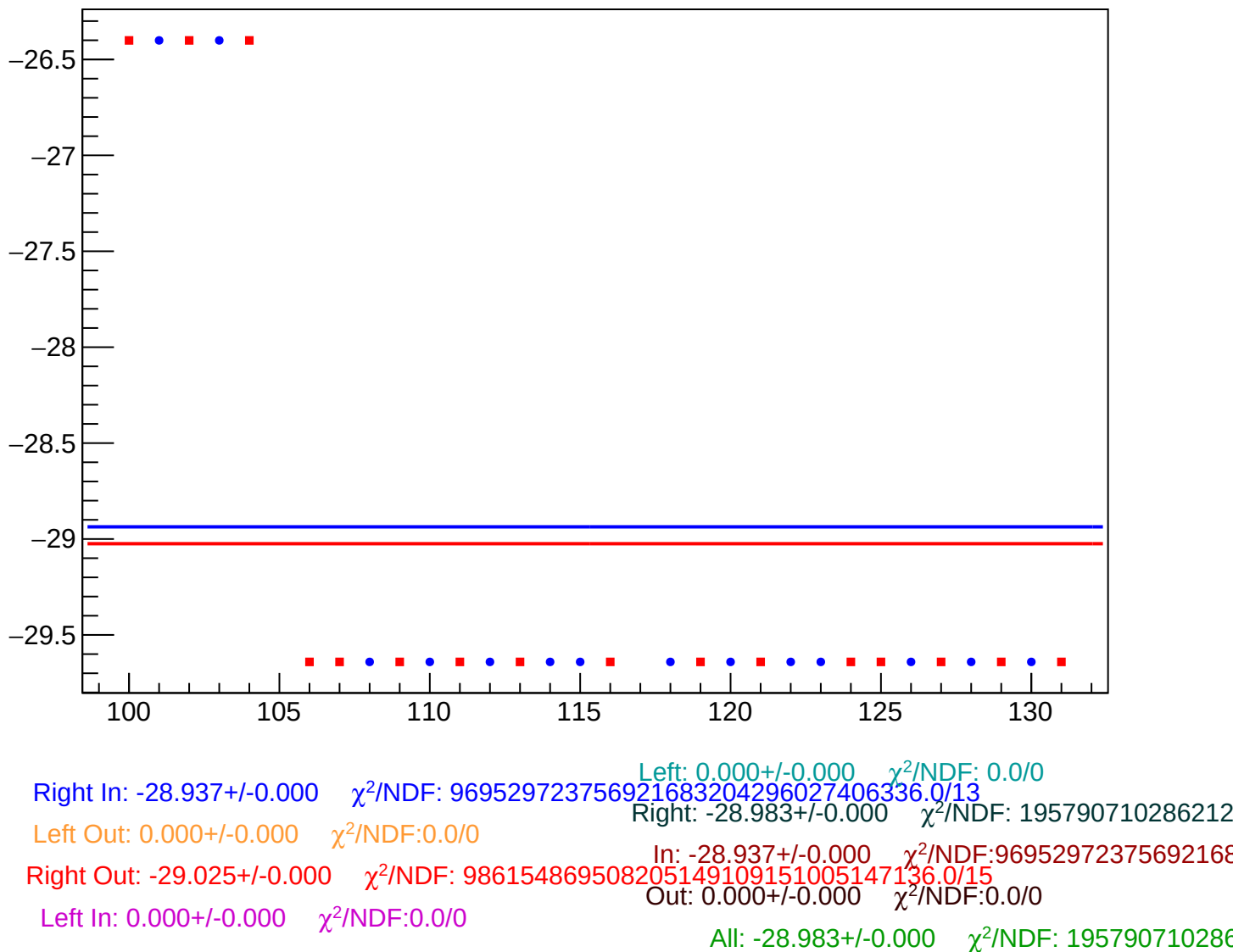
Right: 88.002+/-0.000 χ^2 /NDF: 7974909537711457

In: 88.001+/-0.000 χ^2 /NDF:1295095.0/13

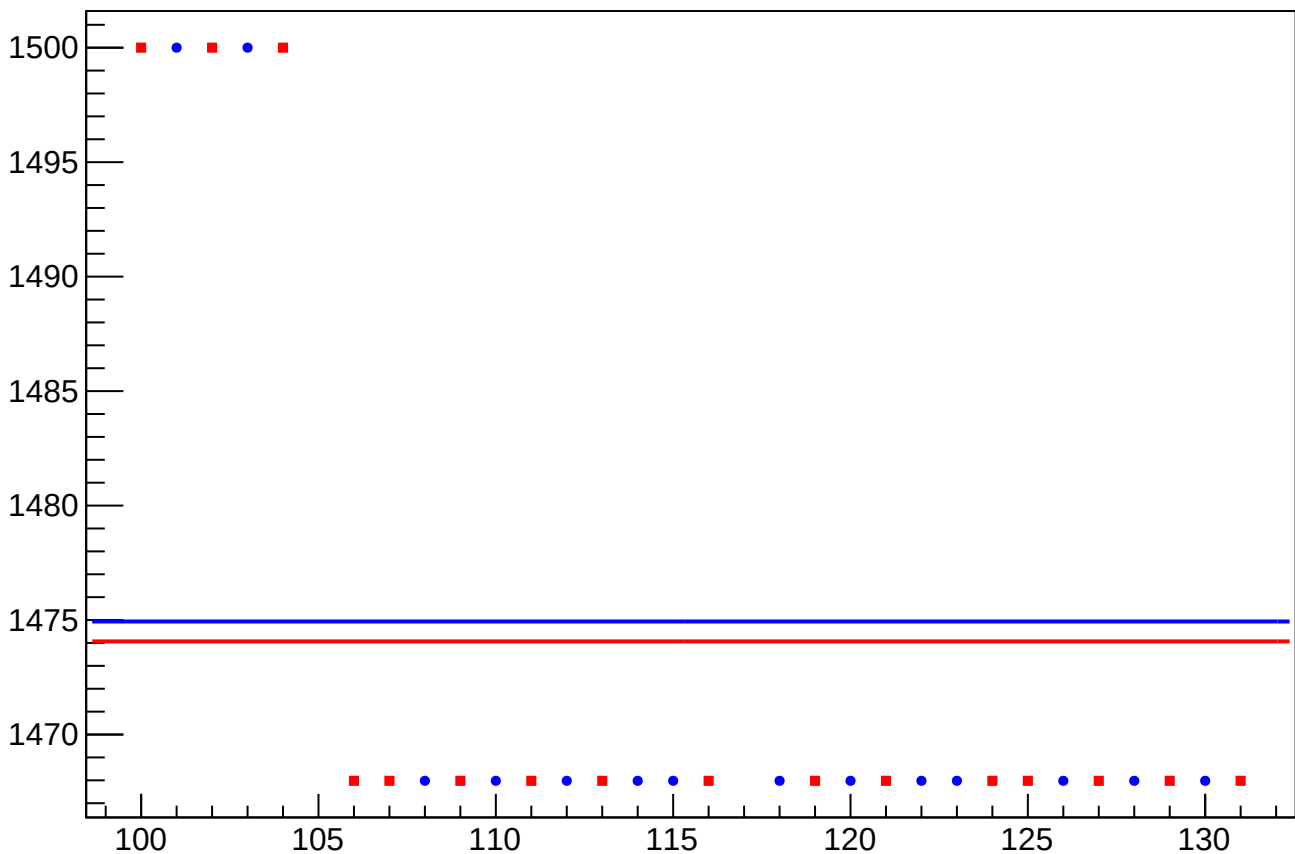
Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 88.002+/-0.000 χ^2 /NDF: 7974909537711

epics_HWienAngles_mean vs Slug, Sign Corrected

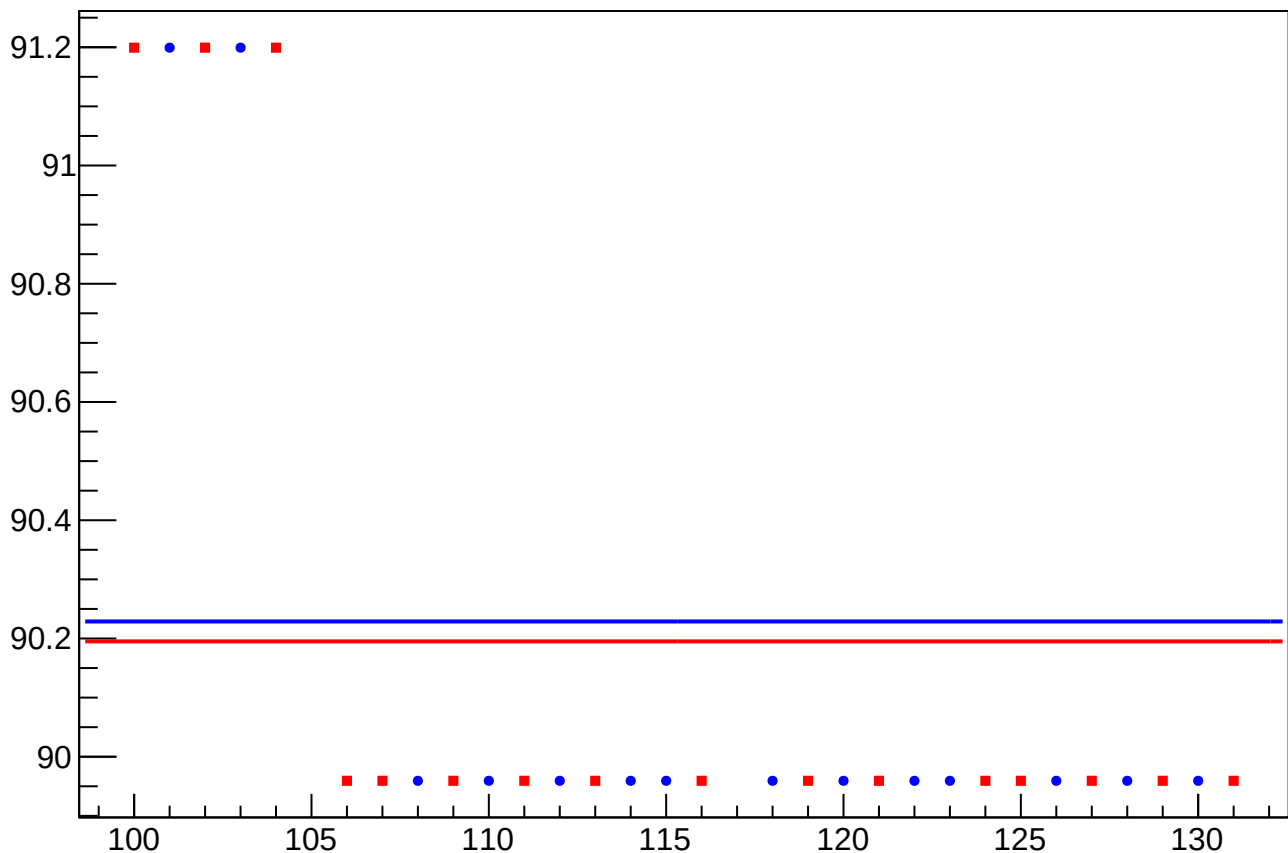


epics_psub_pl_poss_mean vs Slug, Sign Corrected



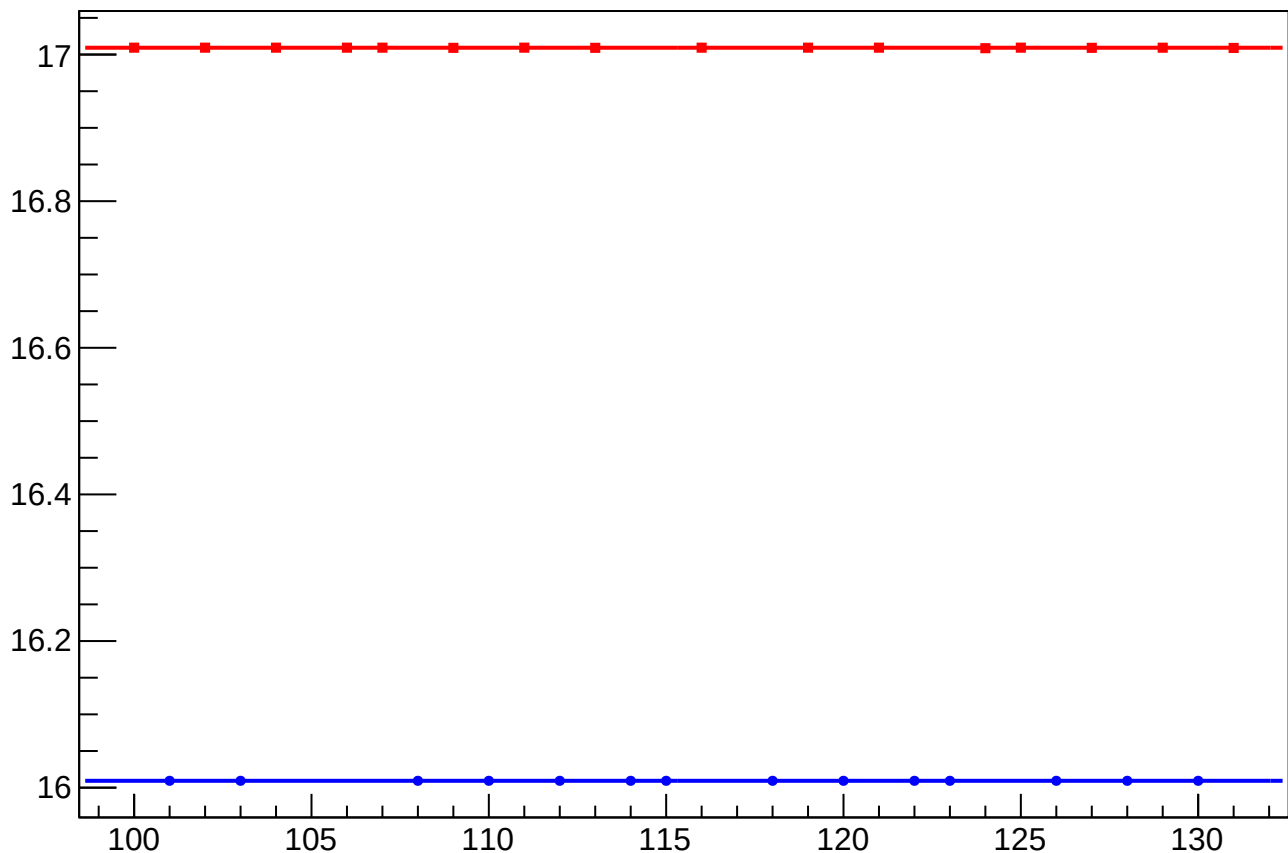
Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Right In: 1474.938+/-0.000 χ^2 /NDF: 94700420773674271713236936065810432.0/13
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Right: 1474.478+/-0.000 χ^2 /NDF: 19124181748480
In: 1474.938+/-0.000 χ^2 /NDF: 94700420773674271713236936065810432.0/13
Right Out: 1474.069+/-0.000 χ^2 /NDF: 96324309406992942899397853003644928.0/15
Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
All: 1474.478+/-0.000 χ^2 /NDF: 19124181748

epics_Phi_FGs_mean vs Slug, Sign Corrected



Right In: 90.229+/-0.000 χ^2/NDF : 142008545119732581966661480873984.0/13
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 90.195+/-0.000 χ^2/NDF : 144443656393470834273490969821184.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 90.211+/-0.000 χ^2/NDF : 2867777359931165

epics_IGL1I00DI24_24Ms_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2/NDF : 30153.4/13

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

Right Out: 17.009+/-0.000 χ^2/NDF : 11978618903091864085200896.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

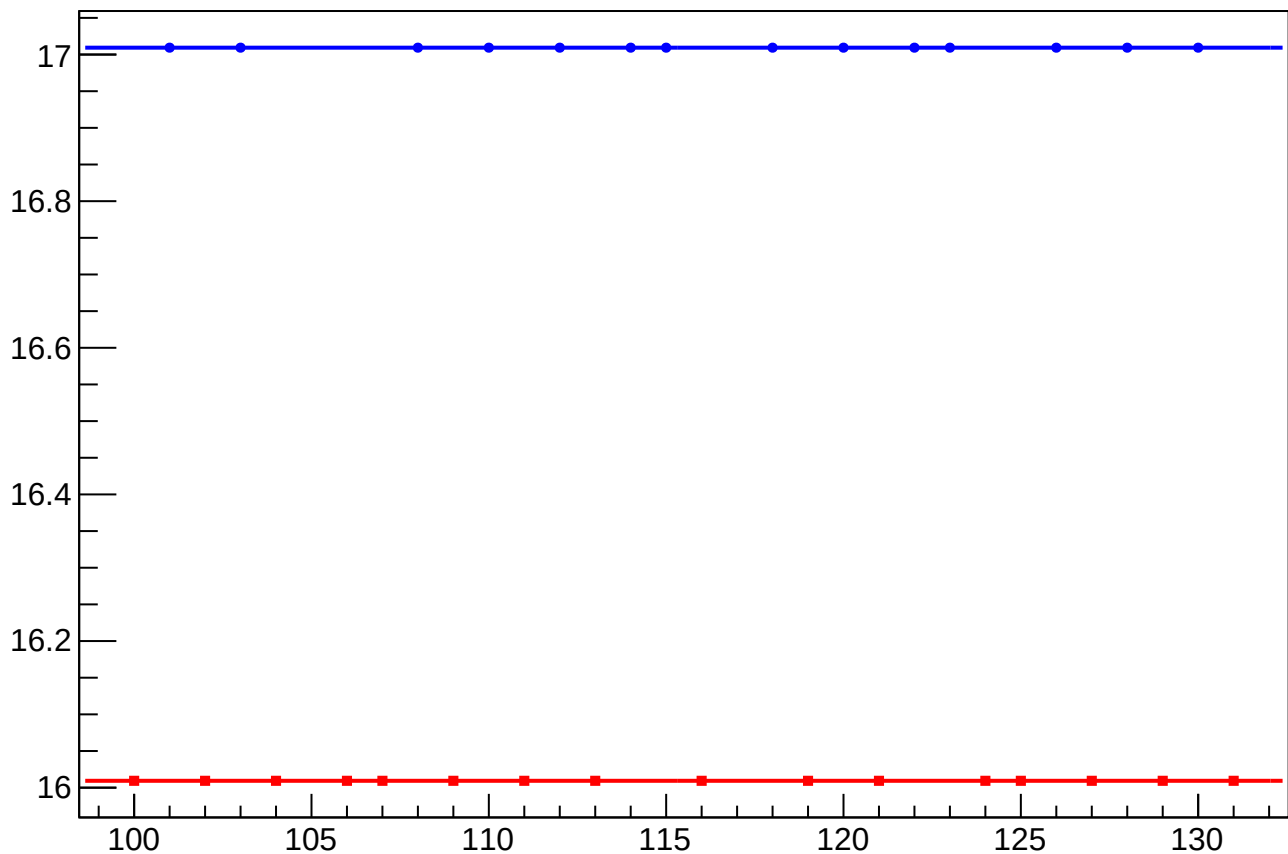
Right: 16.514+/-0.000 χ^2/NDF : 2711741874846898

In: 16.009+/-0.000 χ^2/NDF : 30153.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.514+/-0.000 χ^2/NDF : 2711741874846

epics_IGL1I00OD16_16s_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2/NDF : 50386.1/13

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

Right Out: 16.009+/-0.000 χ^2/NDF : 29837.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

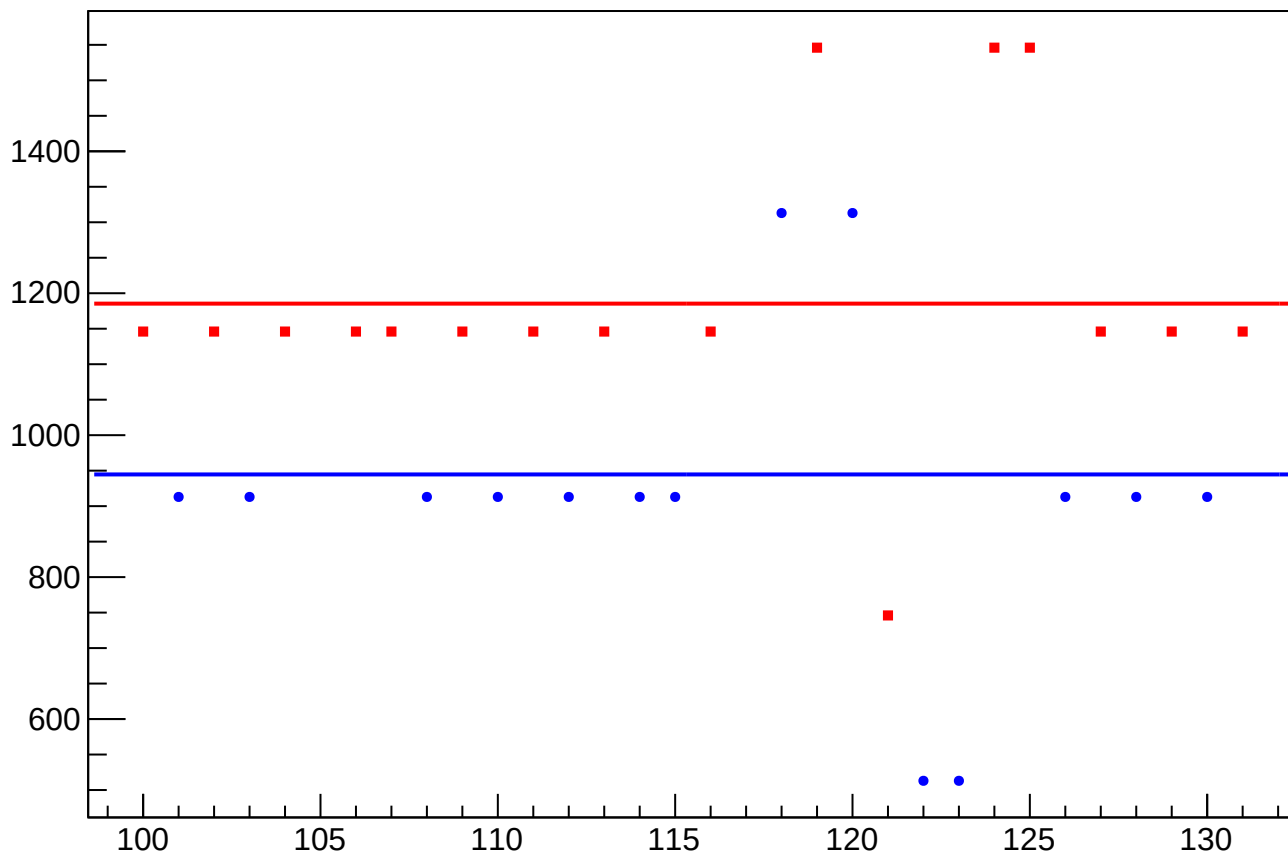
Right: 16.468+/-0.000 χ^2/NDF : 2766005385996304

In: 17.009+/-0.000 χ^2/NDF : 50386.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

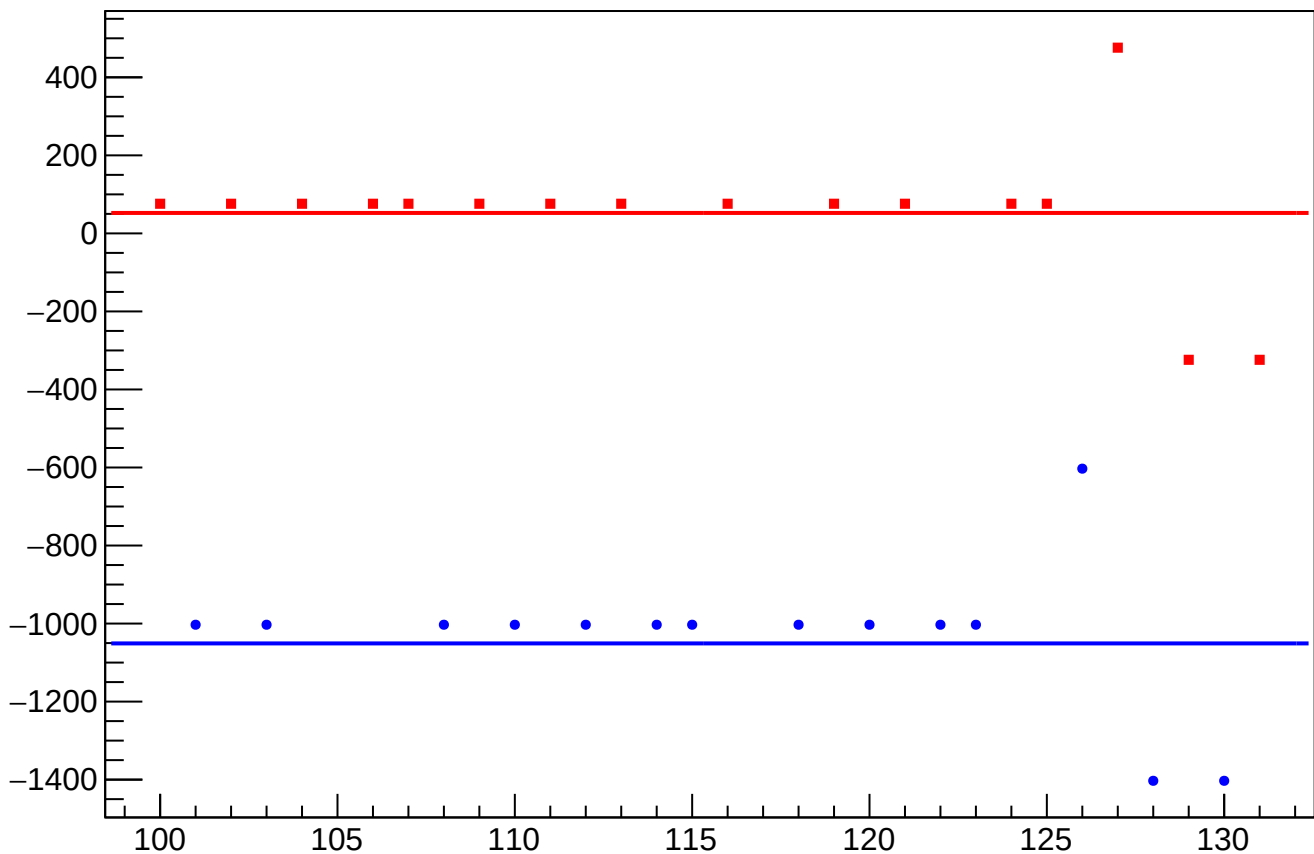
All: 16.468+/-0.000 χ^2/NDF : 2766005385996304

epics_RTPAPOSUCNTs_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 1072.006+/-0.000 χ^2 /NDF: 58514274217044
 Right In: 944.672+/-0.000 χ^2 /NDF: 20736486112410128658818915562820730880.0/13
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: 944.672+/-0.000 χ^2 /NDF: 20736486112410128658818915562820730880.0/13
 Right Out: 1185.354+/-0.000 χ^2 /NDF: 21136474302730922482176647854863417344.0/15
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 1072.006+/-0.000 χ^2 /NDF: 58514274217044

epics_RTPAPOSVCNTs_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: -1050.871+/-0.000 χ^2/NDF : 21954742283706465544481127179751522304.0/13
 Right: -467.179+/-0.000 χ^2/NDF : 39081122376976
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1050.871+/-0.000 χ^2/NDF : 219547422837064
 Right Out: 52.403+/-0.000 χ^2/NDF : 19179693735699654407640175115480596480.0/15
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -467.179+/-0.000 χ^2/NDF : 39081122376