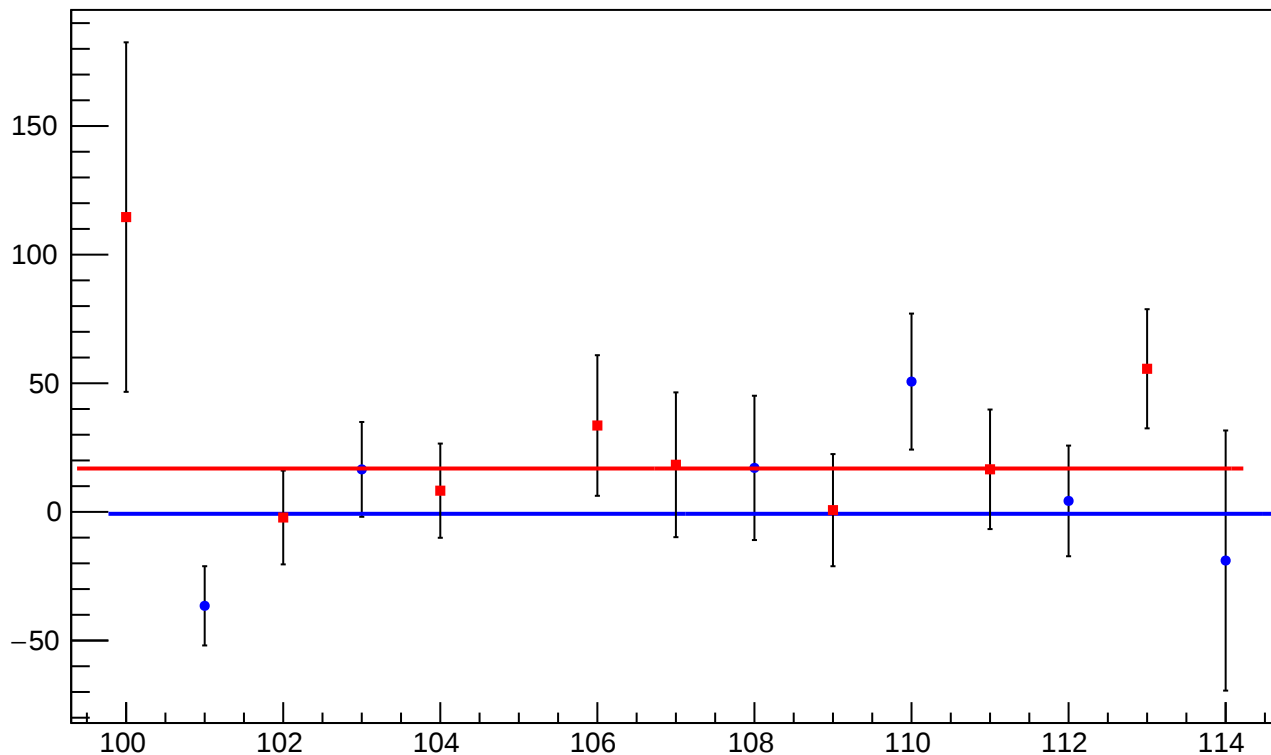


diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.741+/-8.975

χ^2/NDF : 10.6/5

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 16.867+/-8.267

χ^2/NDF : 7.1/7

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 8.784+/-6.081

χ^2/NDF : 19.8/13

In: -0.741+/-8.975

χ^2/NDF : 10.6/5

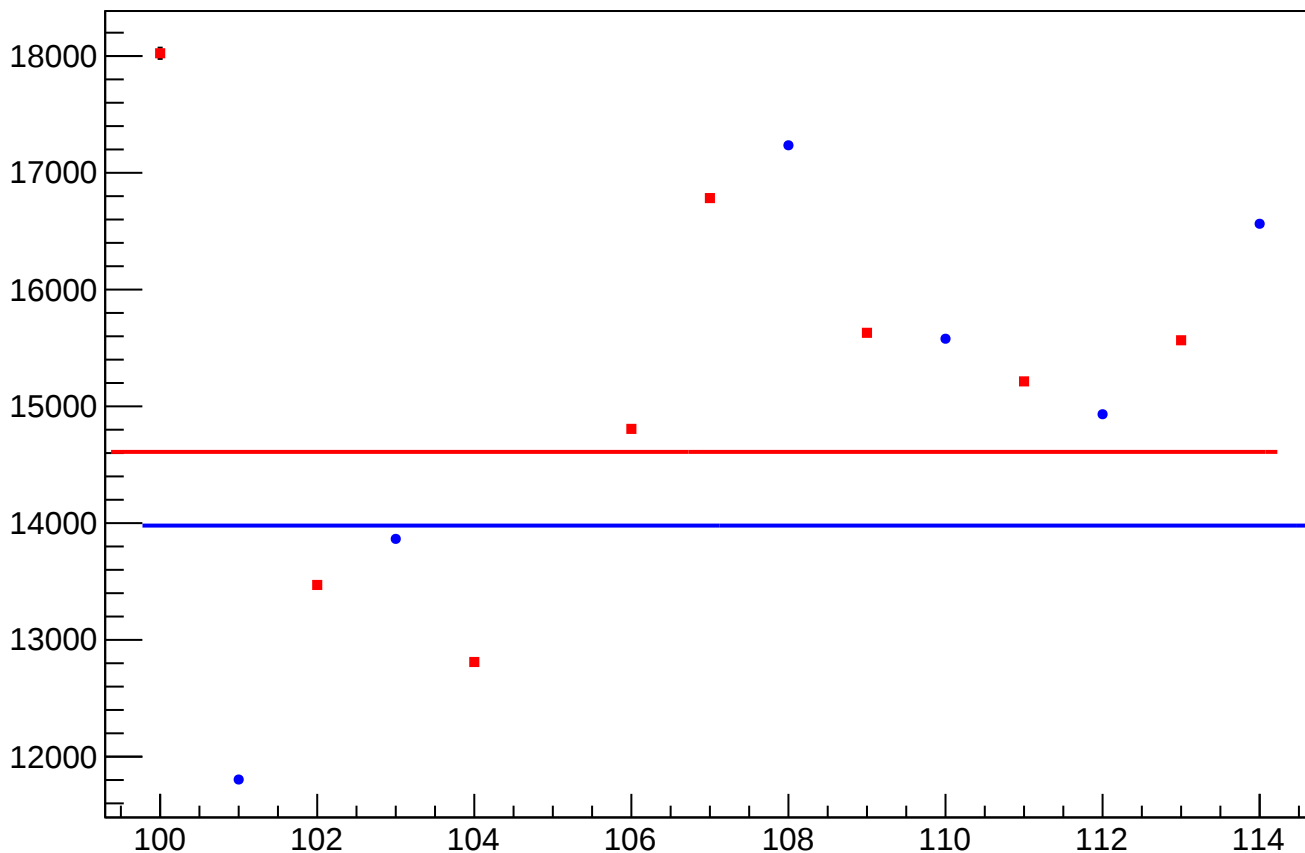
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 8.784+/-6.081

χ^2/NDF : 19.8/13

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 13978.954+/-6.346 χ^2/NDF : 83406.5/5

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

Right Out: 14609.965+/-5.846 χ^2/NDF : 53349.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

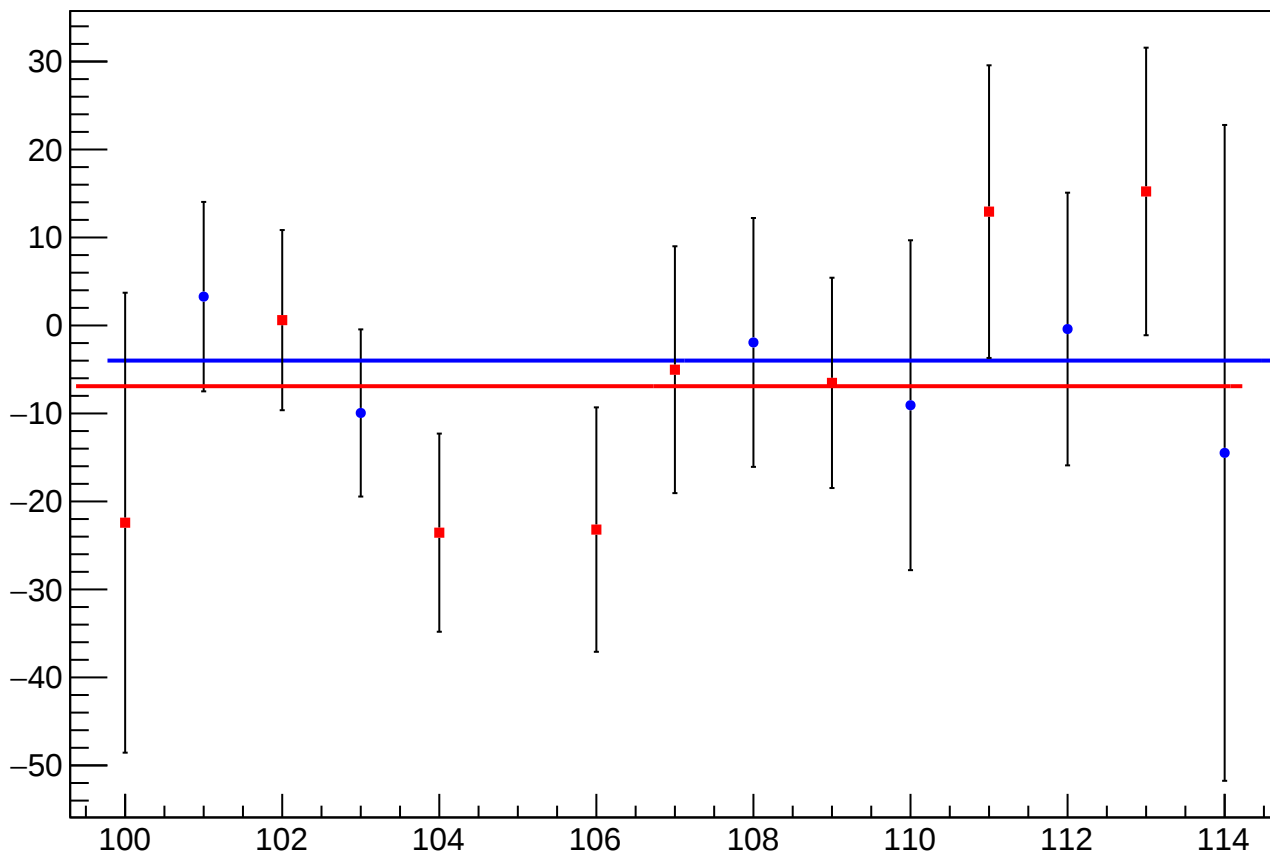
Right: 14320.300+/-4.300 χ^2/NDF : 142104.4/13

In: 13978.954+/-6.346 χ^2/NDF : 83406.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14320.300+/-4.300 χ^2/NDF : 142104.4/13

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -3.990+/-5.552 χ^2/NDF : 1.1/5

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

Right Out: -6.902+/-4.794 χ^2/NDF : 7.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

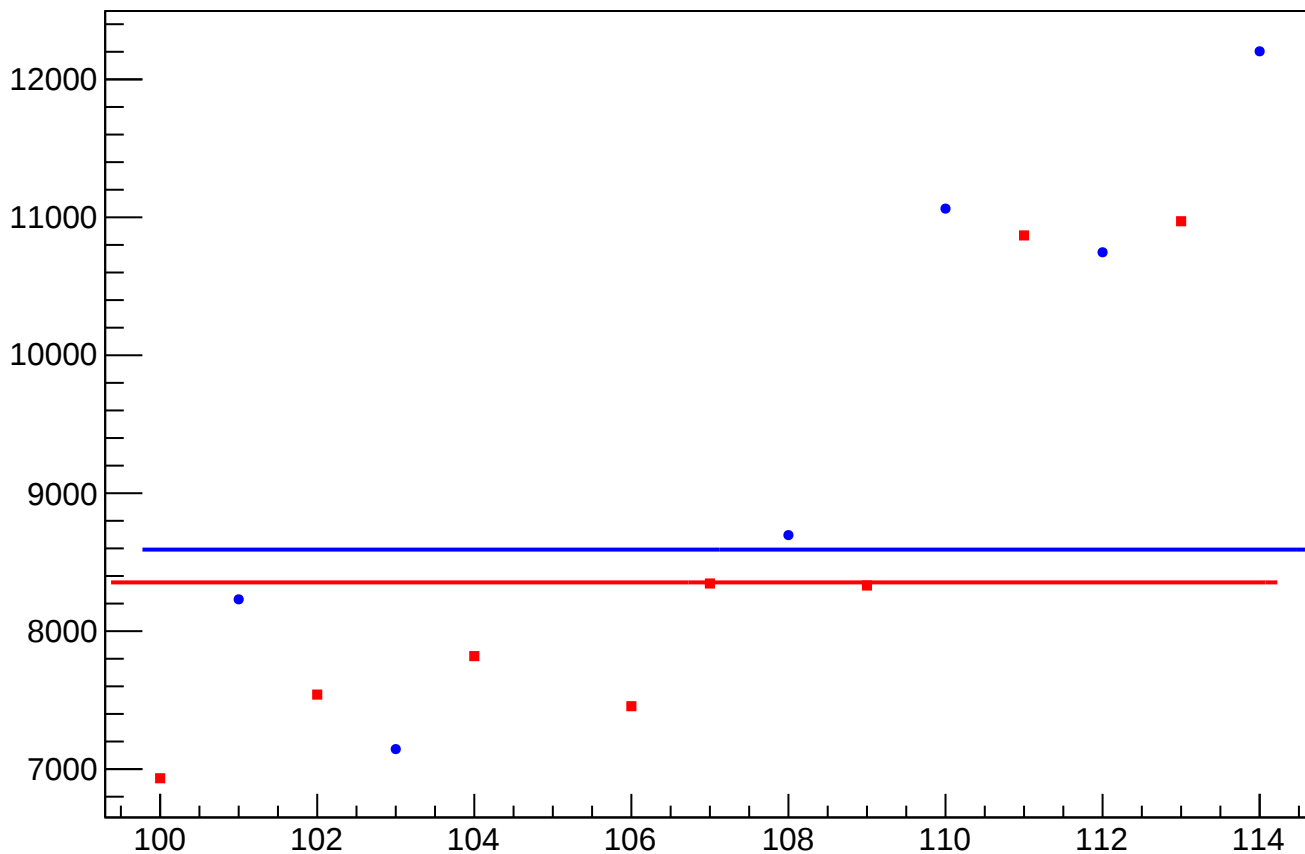
Right: -5.659+/-3.628 χ^2/NDF : 9.0/13

In: -3.990+/-5.552 χ^2/NDF : 1.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.659+/-3.628 χ^2/NDF : 9.0/13

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8591.296+/-3.926 χ^2/NDF : 140954.8/5

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

Right Out: 8353.500+/-3.390 χ^2/NDF : 128472.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

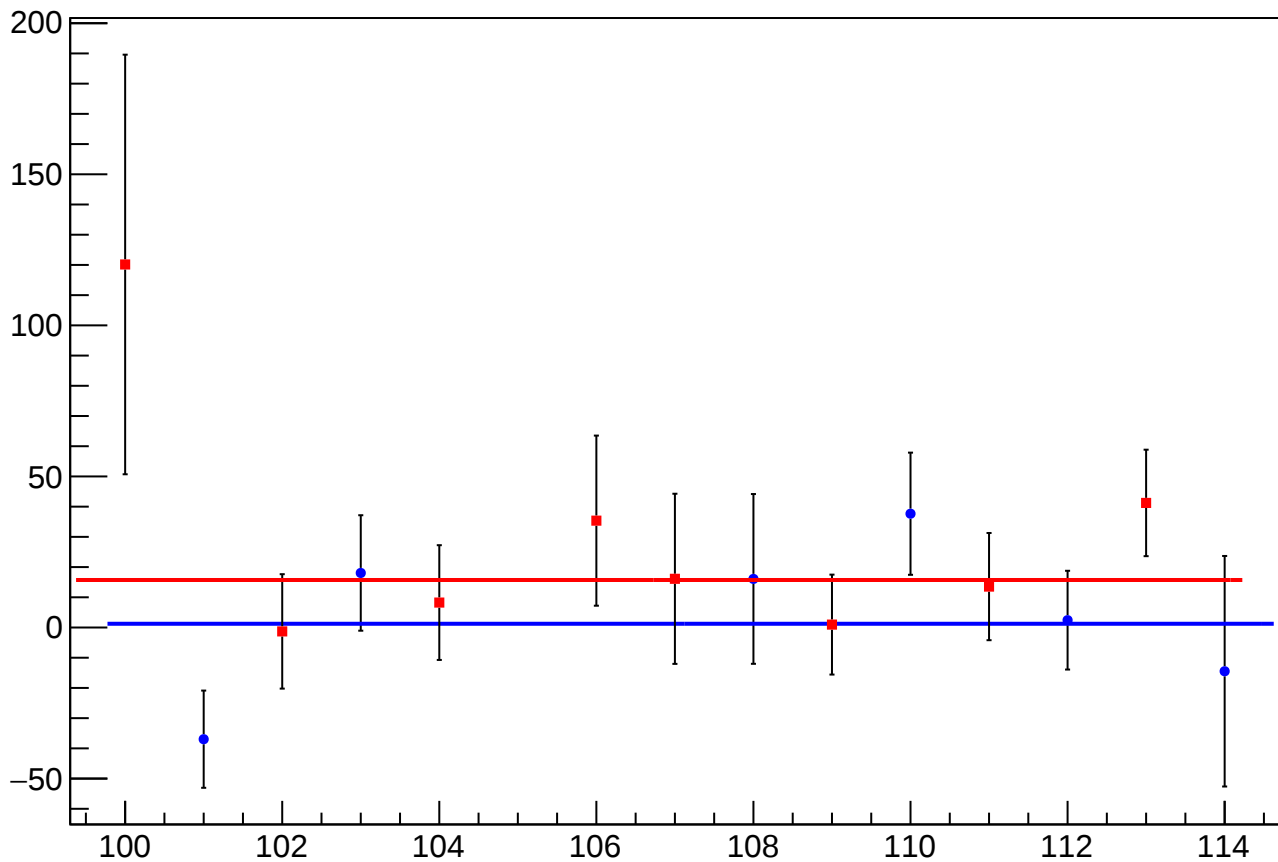
Right: 8455.061+/-2.566 χ^2/NDF : 271529.3/13

In: 8591.296+/-3.926 χ^2/NDF : 140954.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8455.061+/-2.566 χ^2/NDF : 271529.3/13

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: 1.239+/-8.235 χ^2/NDF : 10.1/5

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

Right Out: 15.726+/-7.383 χ^2/NDF : 6.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

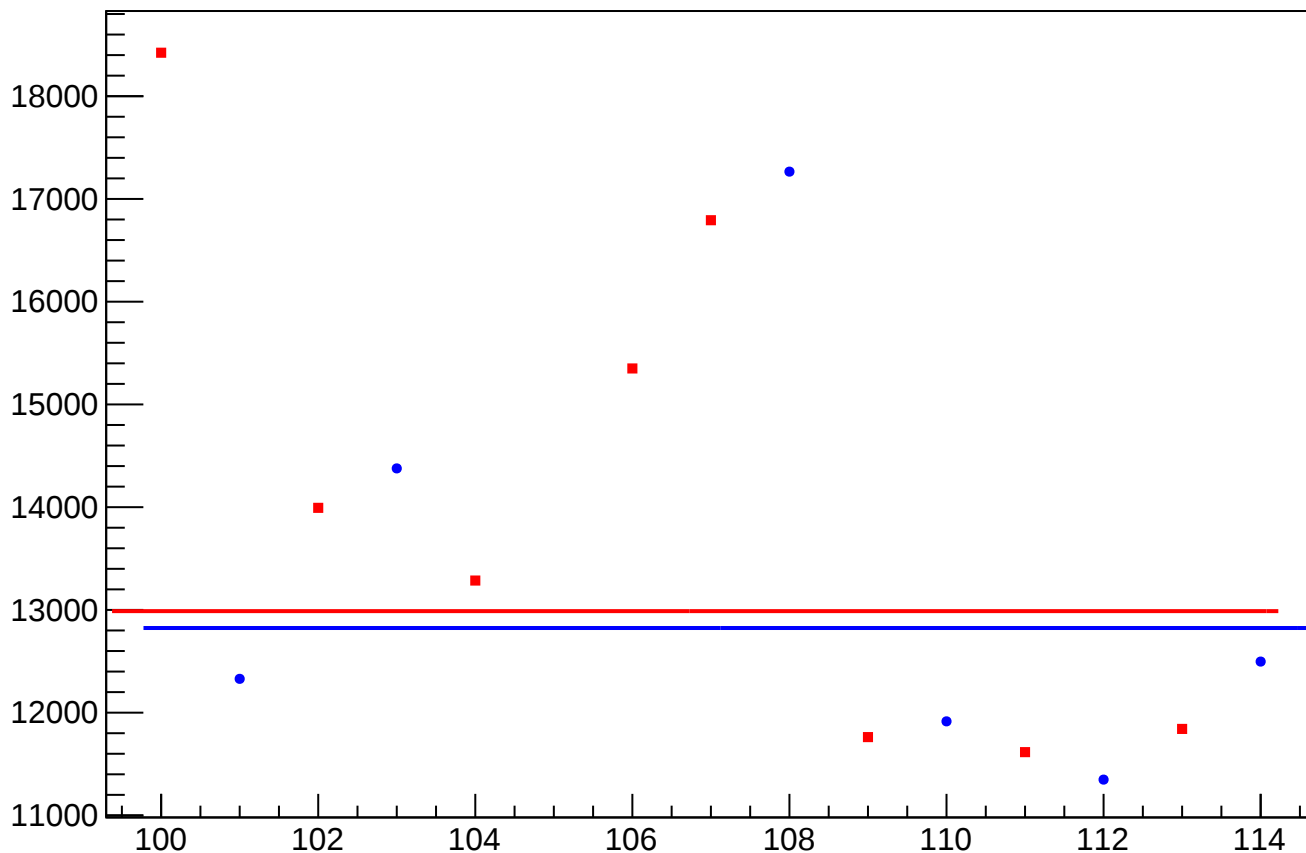
Right: 9.271+/-5.497 χ^2/NDF : 18.4/13

In: 1.239+/-8.235 χ^2/NDF : 10.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.271+/-5.497 χ^2/NDF : 18.4/13

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 12823.964+/-5.823 χ^2/NDF : 85587.1/5

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

Right Out: 12988.251+/-5.220 χ^2/NDF : 100407.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

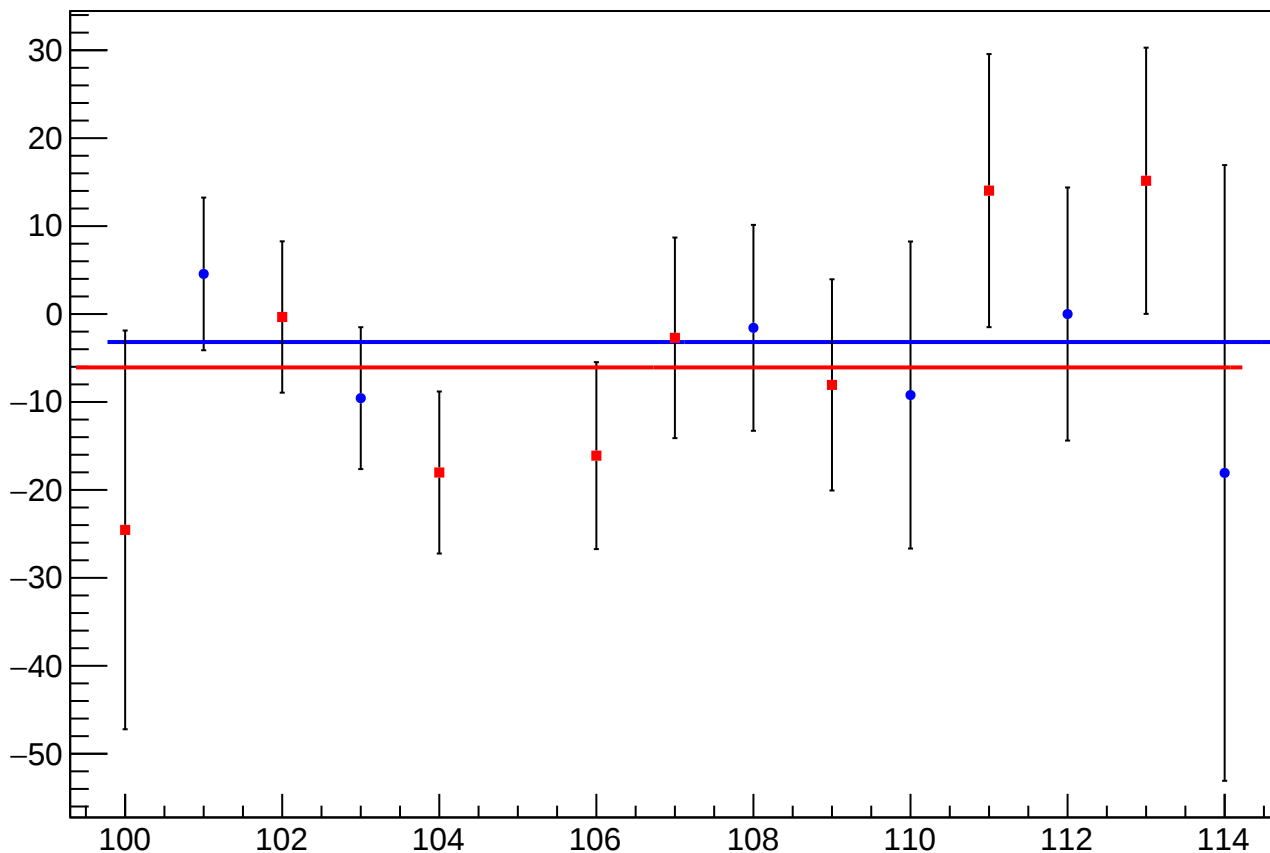
Right: 12915.046+/-3.887 χ^2/NDF : 186436.3/13

In: 12823.964+/-5.823 χ^2/NDF : 85587.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12915.046+/-3.887 χ^2/NDF : 186436.3/13

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -3.183+/-4.721 χ^2/NDF : 1.8/5

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

Right Out: -6.069+/-4.109 χ^2/NDF : 7.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

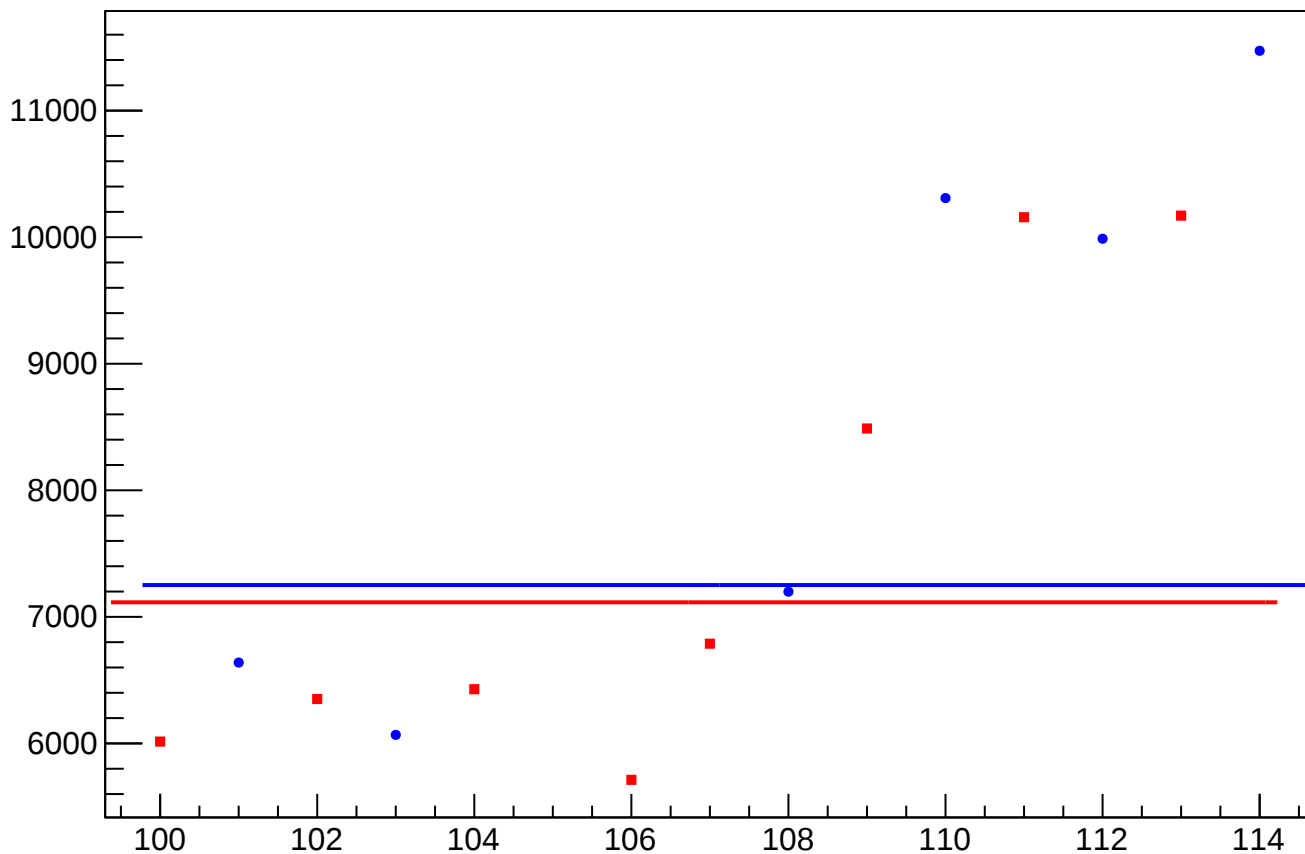
Right: -4.825+/-3.100 χ^2/NDF : 9.4/13

In: -3.183+/-4.721 χ^2/NDF : 1.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.825+/-3.100 χ^2/NDF : 9.4/13

diff_bpm4eY_rms vs Slug, Sign Corrected



Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right: 7173.751 +/- 2.192 χ^2/NDF : 469289.7/13

In: 7251.229 +/- 3.339 χ^2/NDF : 215827.0/5

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 7173.751 +/- 2.192 χ^2/NDF : 469289.7/13

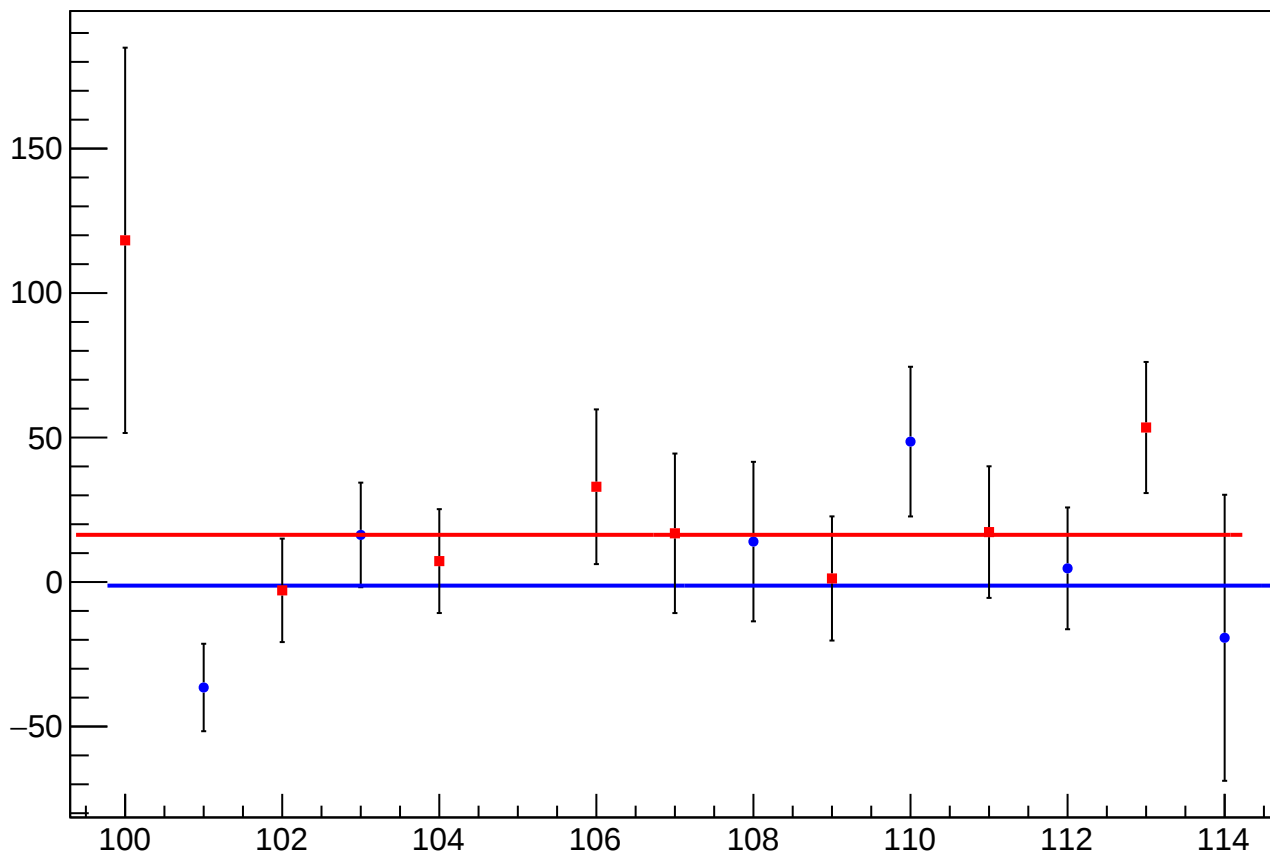
Right In: 7251.229 +/- 3.339 χ^2/NDF : 215827.0/5

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

Right Out: 7115.057 +/- 2.906 χ^2/NDF : 252516.1/7

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

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.243+/-8.809 χ^2/NDF : 10.6/5

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

Right Out: 16.334+/-8.114 χ^2/NDF : 7.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

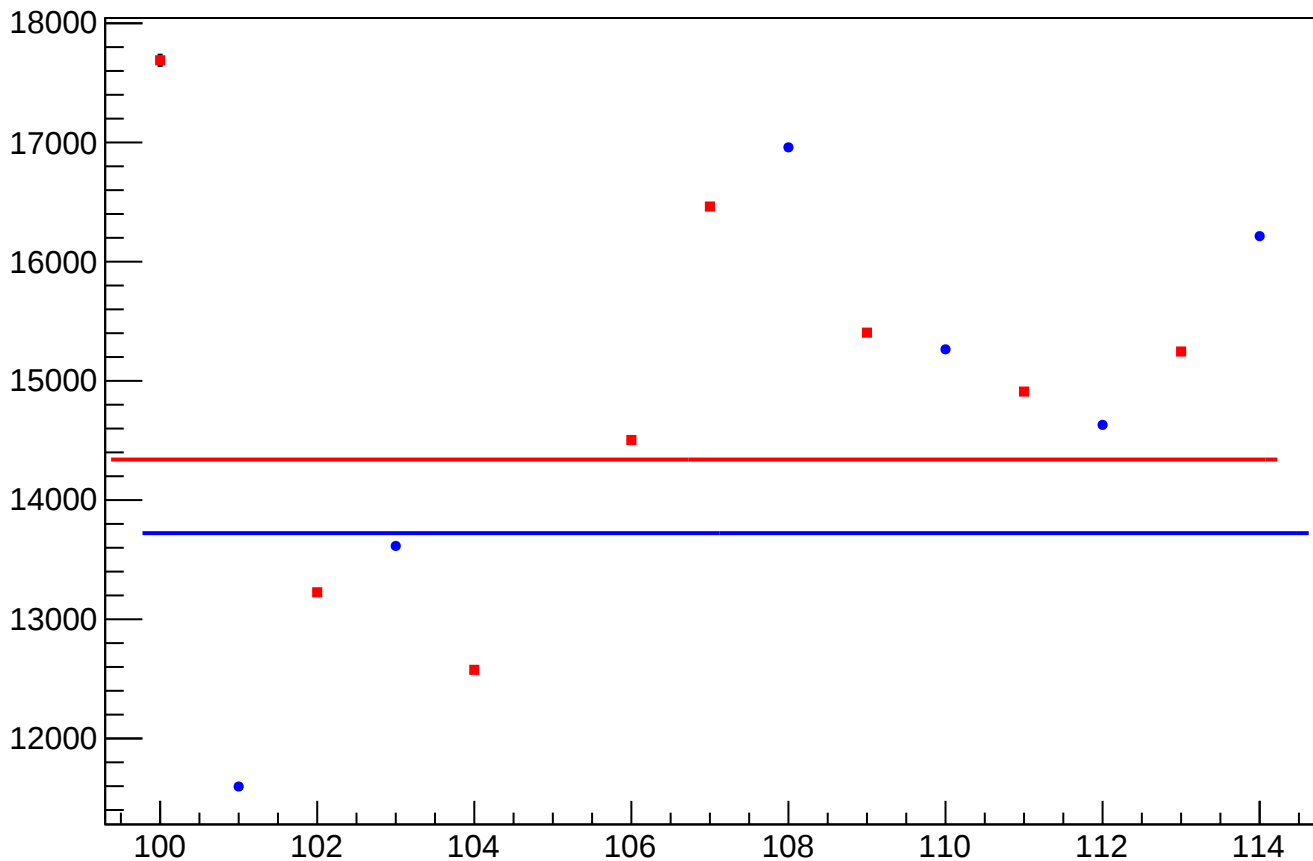
Right: 8.266+/-5.968 χ^2/NDF : 20.1/13

In: -1.243+/-8.809 χ^2/NDF : 10.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.266+/-5.968 χ^2/NDF : 20.1/13

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 13722.547+/-6.229 χ^2/NDF : 82923.8/5

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

Right Out: 14339.933+/-5.738 χ^2/NDF : 53311.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

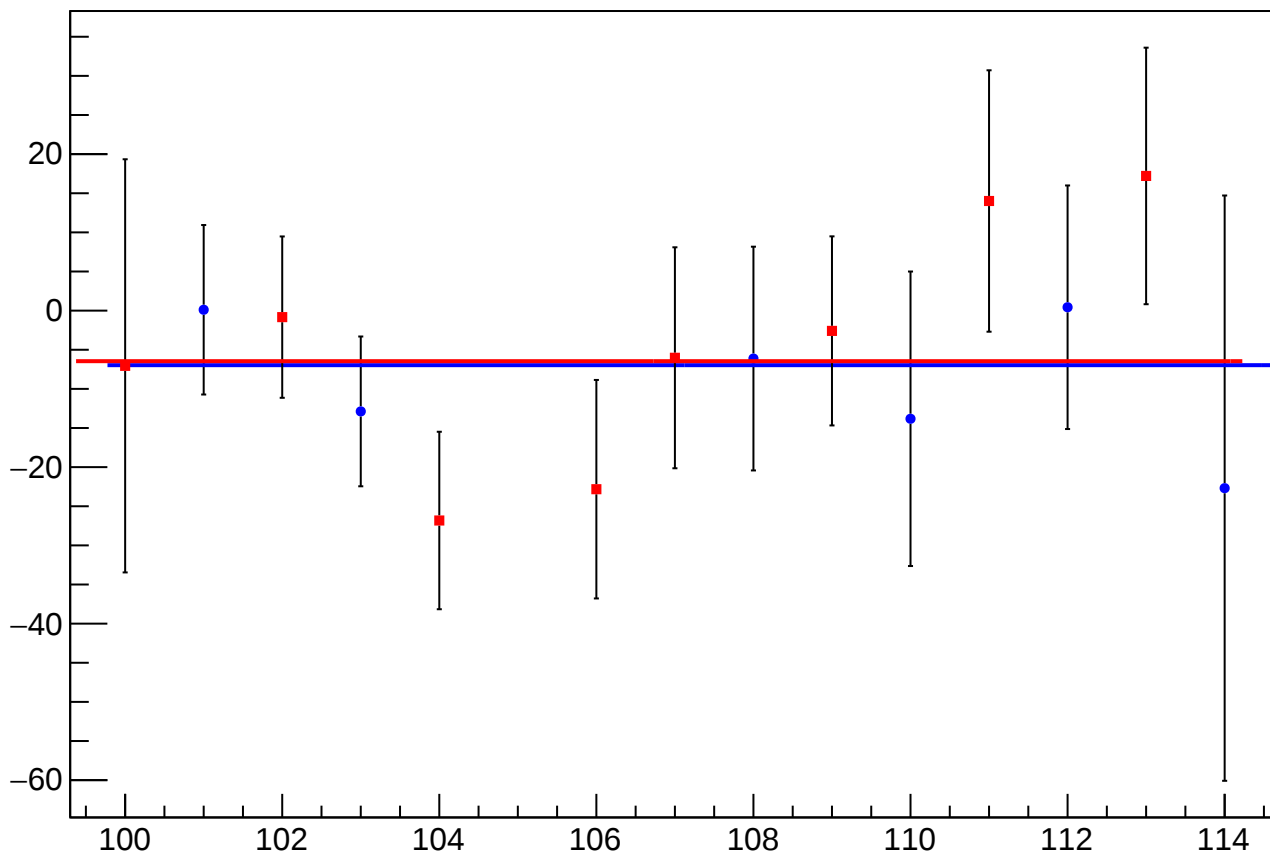
Right: 14056.552+/-4.220 χ^2/NDF : 141549.9/13

In: 13722.547+/-6.229 χ^2/NDF :82923.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14056.552+/-4.220 χ^2/NDF : 141549.9/13

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -6.970+/-5.590 χ^2/NDF : 1.3/5

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

Right Out: -6.460+/-4.827 χ^2/NDF : 8.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

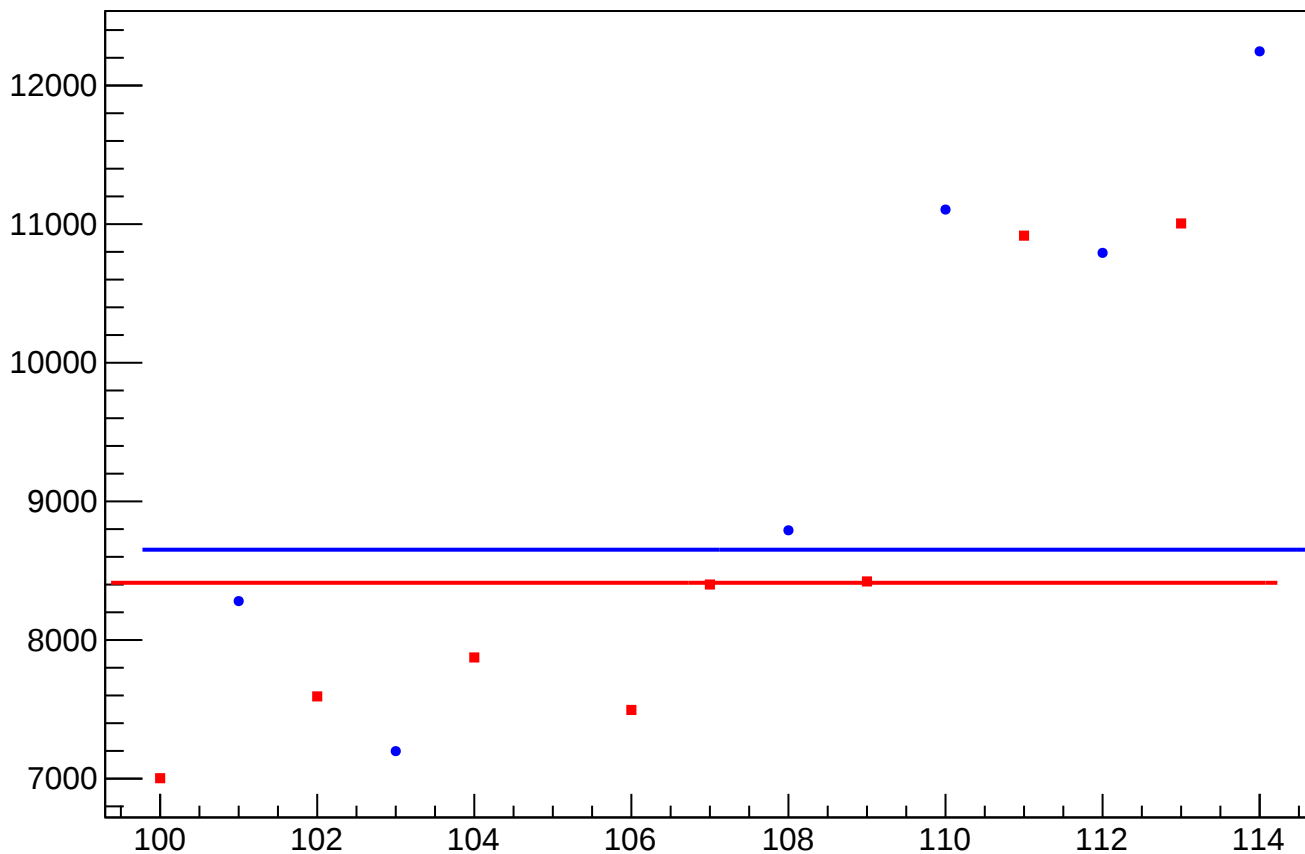
Right: -6.678+/-3.653 χ^2/NDF : 9.9/13

In: -6.970+/-5.590 χ^2/NDF : 1.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.678+/-3.653 χ^2/NDF : 9.9/13

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8651.564 $\pm$ 3.953 χ^2 /NDF: 138985.1/5

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

Right Out: 8412.815 $\pm$ 3.413 χ^2 /NDF: 126455.7/7

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

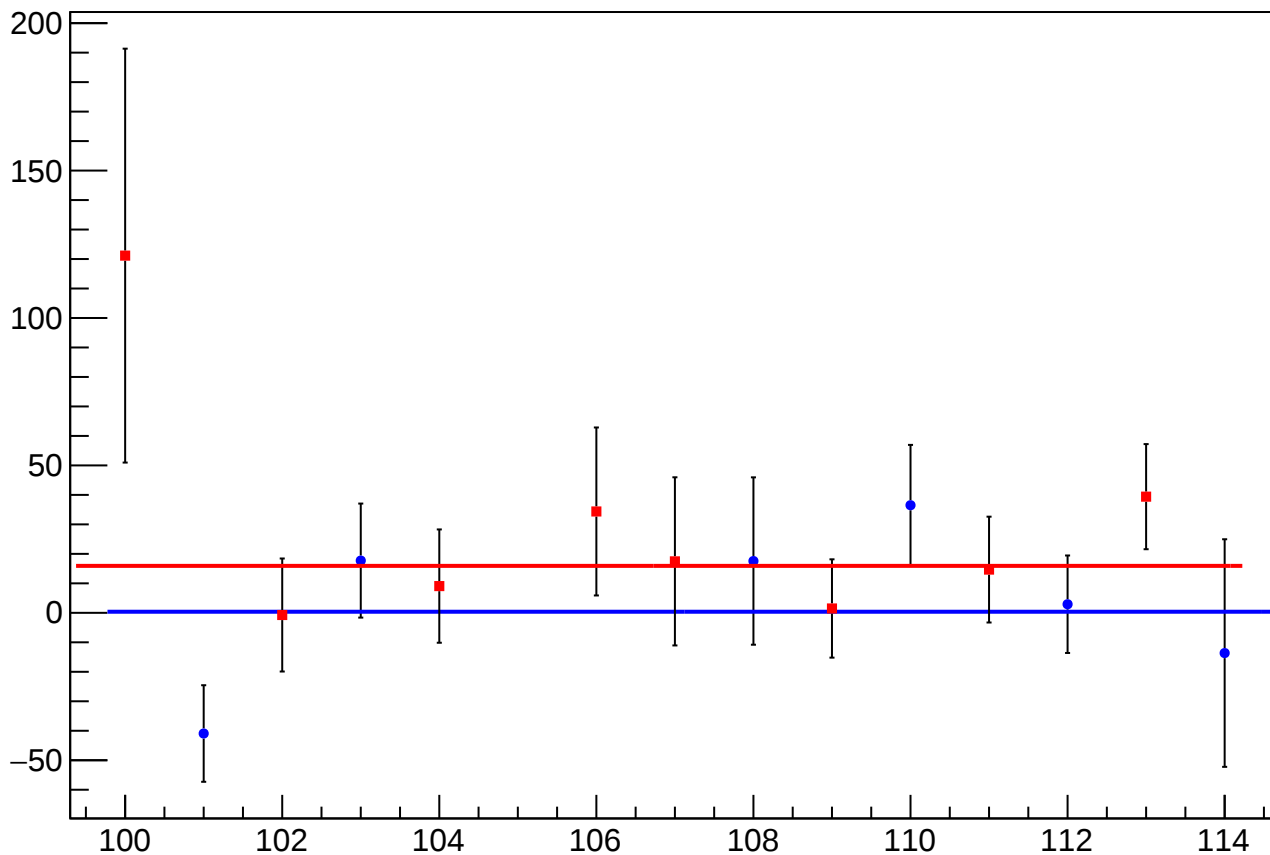
Right: 8514.793 $\pm$ 2.583 χ^2 /NDF: 267530.9/13

In: 8651.564 $\pm$ 3.953 χ^2 /NDF: 138985.1/5

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

All: 8514.793 $\pm$ 2.583 χ^2 /NDF: 267530.9/13

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: 0.372 ± 8.344 $\chi^2/\text{NDF}: 10.8/5$

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

Right Out: 15.927 ± 7.465 $\chi^2/\text{NDF}: 6.0/7$

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

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

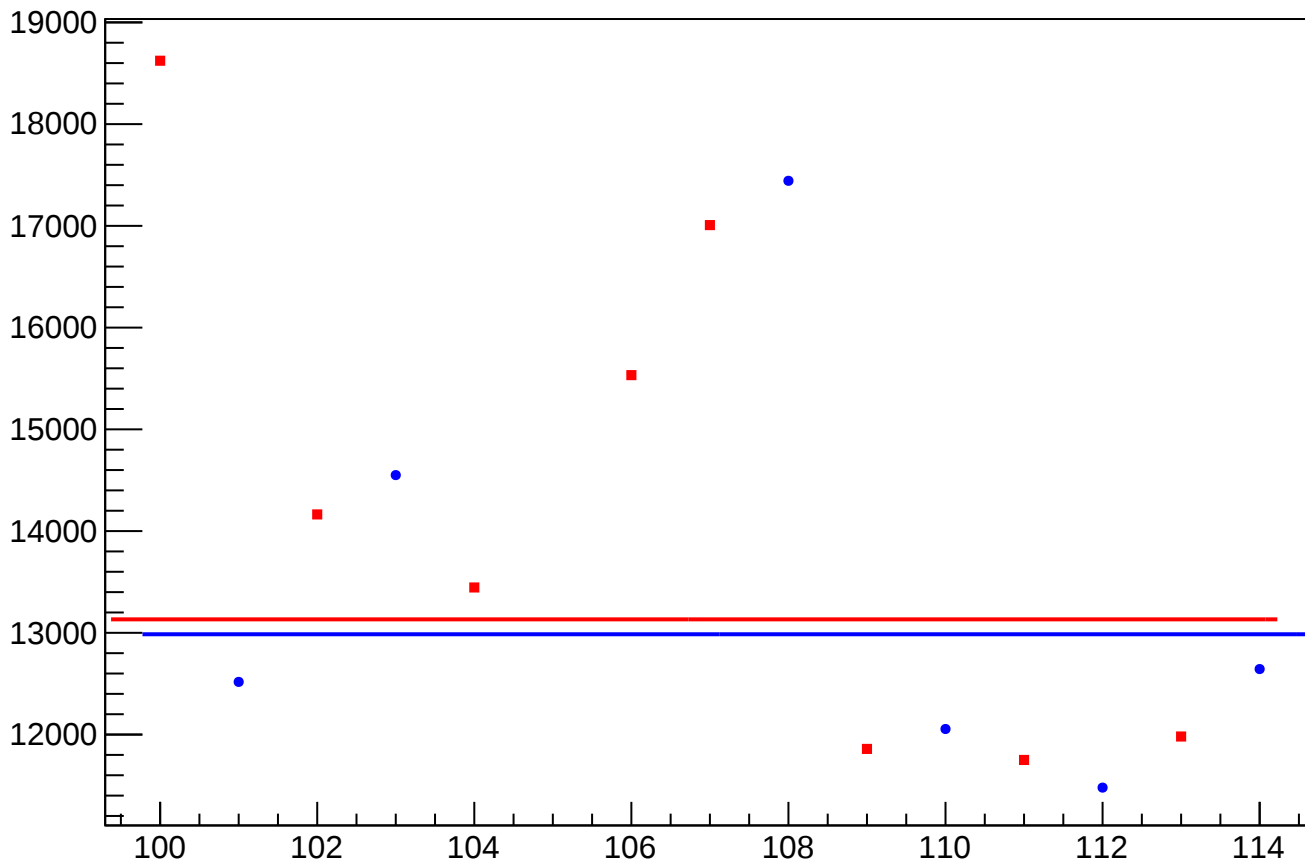
Right: 9.012 ± 5.563 $\chi^2/\text{NDF}: 18.8/13$

In: 0.372 ± 8.344 $\chi^2/\text{NDF}: 10.8/5$

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

All: 9.012 ± 5.563 $\chi^2/\text{NDF}: 18.8/13$

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 12985.903+/-5.900 χ^2/NDF : 84970.4/5

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

Right Out: 13132.359+/-5.279 χ^2/NDF : 101571.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

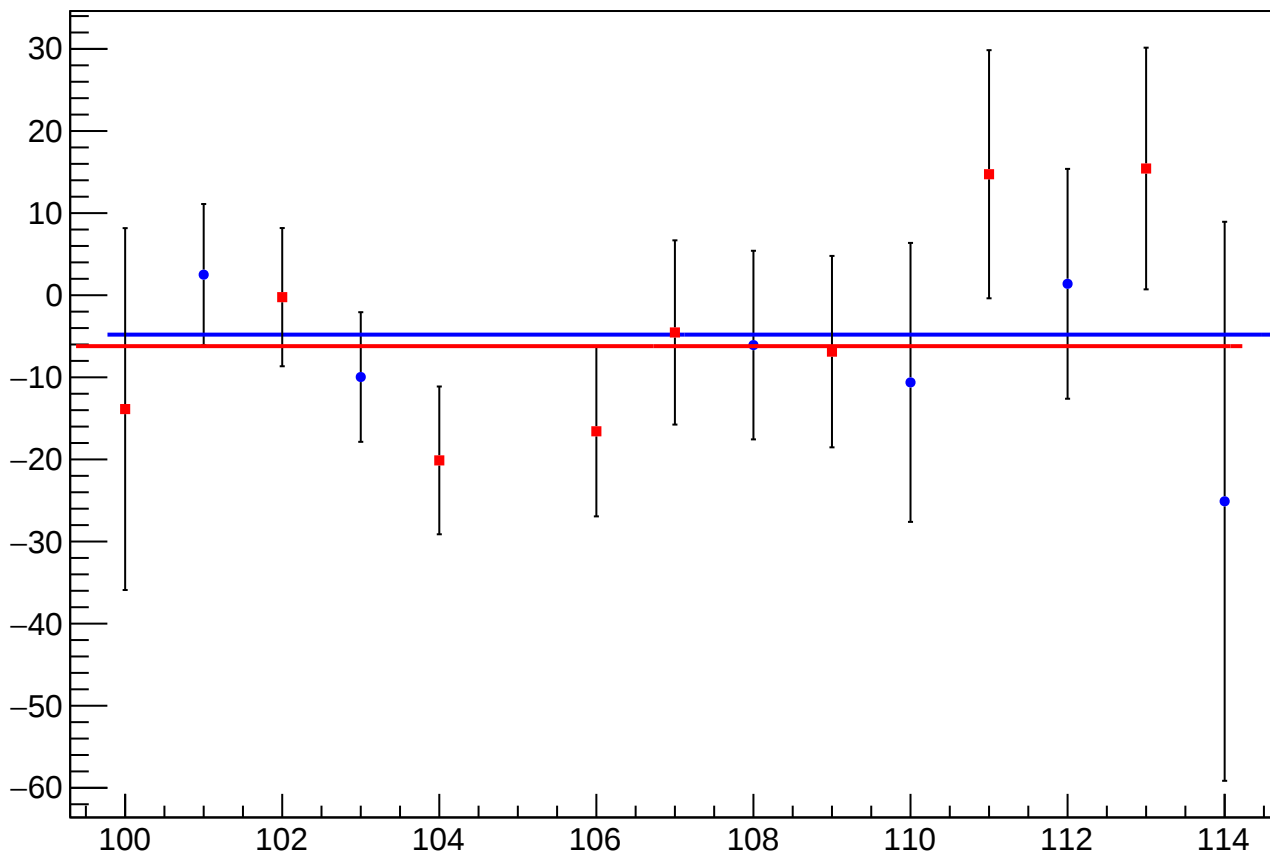
Right: 13067.245+/-3.934 χ^2/NDF : 186884.1/13

In: 12985.903+/-5.900 χ^2/NDF : 84970.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13067.245+/-3.934 χ^2/NDF : 186884.1/13

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -4.800+/-4.635 χ^2/NDF : 1.8/5

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

Right Out: -6.203+/-4.012 χ^2/NDF : 8.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

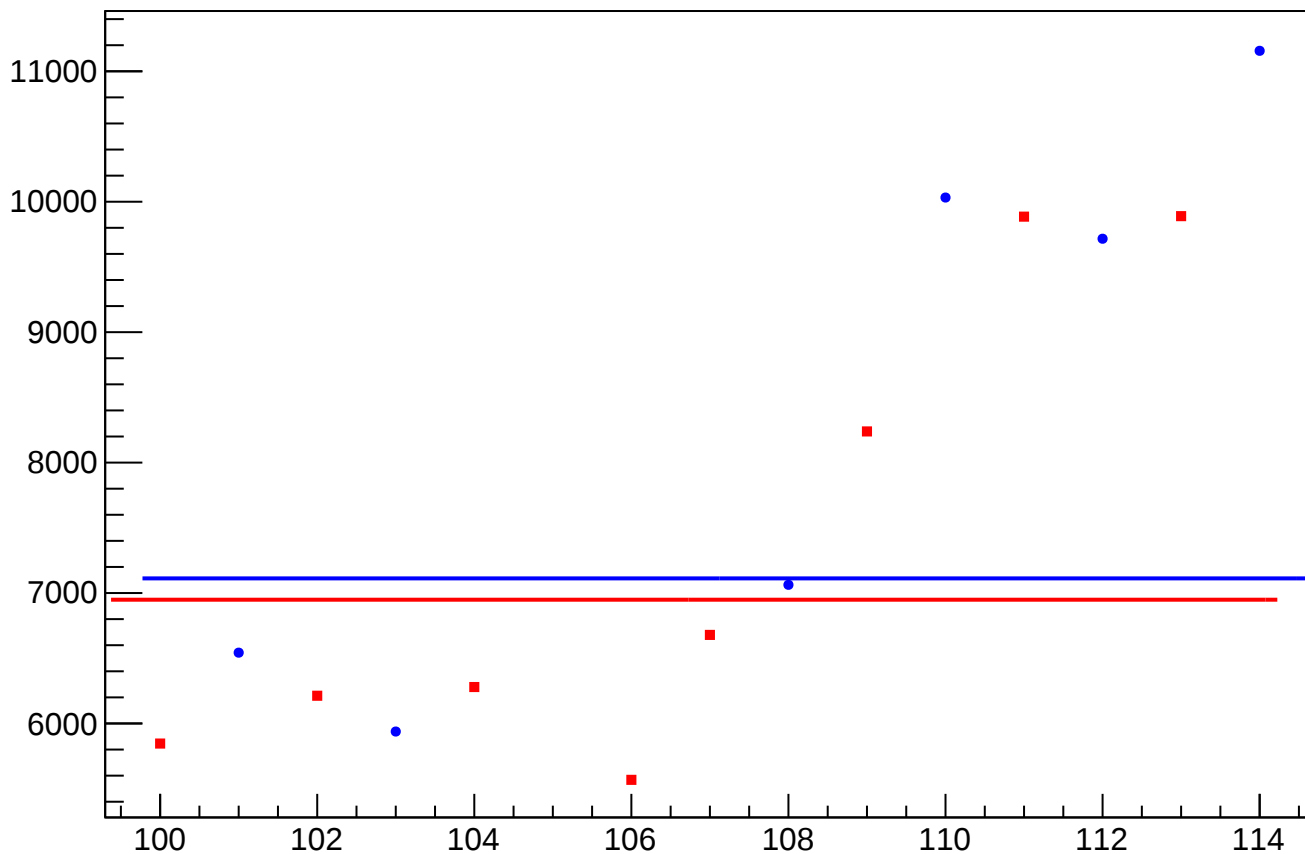
Right: -5.602+/-3.033 χ^2/NDF : 10.0/13

In: -4.800+/-4.635 χ^2/NDF : 1.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.602+/-3.033 χ^2/NDF : 10.0/13

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7112.288+/-3.277 χ^2/NDF : 209527.3/5

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

Right Out: 6948.857+/-2.837 χ^2/NDF : 247908.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

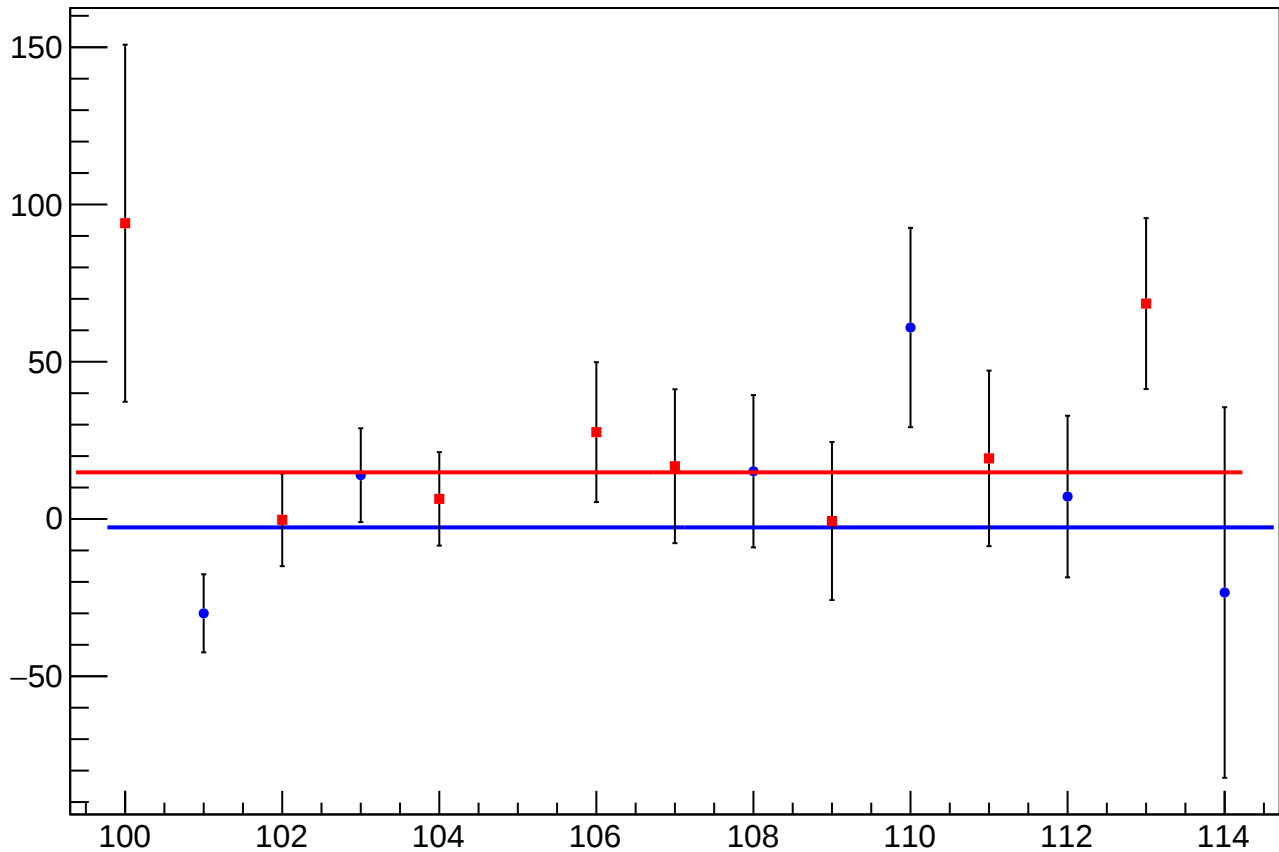
Right: 7018.863+/-2.145 χ^2/NDF : 458857.4/13

In: 7112.288+/-3.277 χ^2/NDF : 209527.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7018.863+/-2.145 χ^2/NDF : 458857.4/13

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -2.665+/-8.038 χ^2/NDF : 10.9/5

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

Right Out: 14.833+/-7.592 χ^2/NDF : 8.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

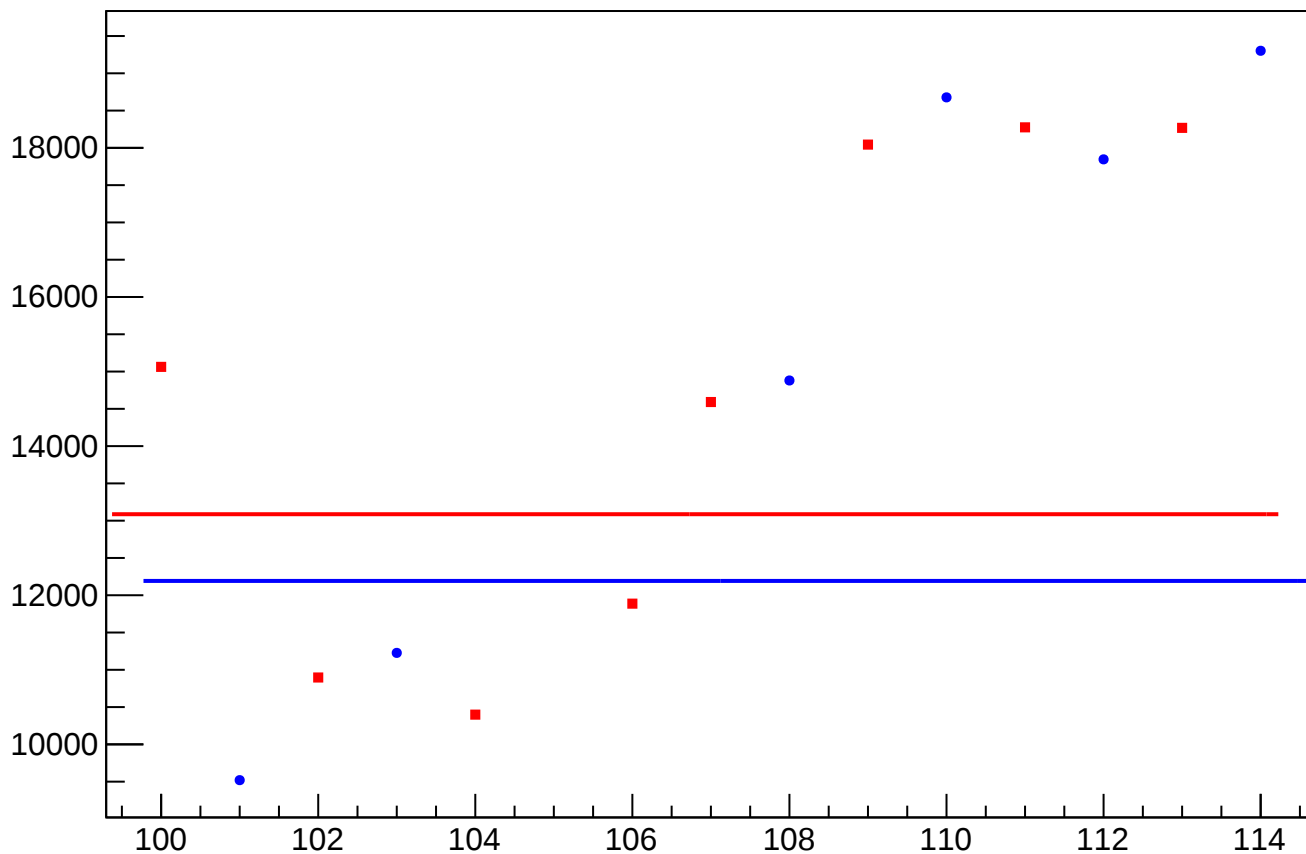
Right: 6.583+/-5.519 χ^2/NDF : 21.4/13

In: -2.665+/-8.038 χ^2/NDF : 10.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.583+/-5.519 χ^2/NDF : 21.4/13

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 12192.006+/-5.684 χ^2/NDF : 335262.7/5

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

Right Out: 13086.684+/-5.368 χ^2/NDF : 345015.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

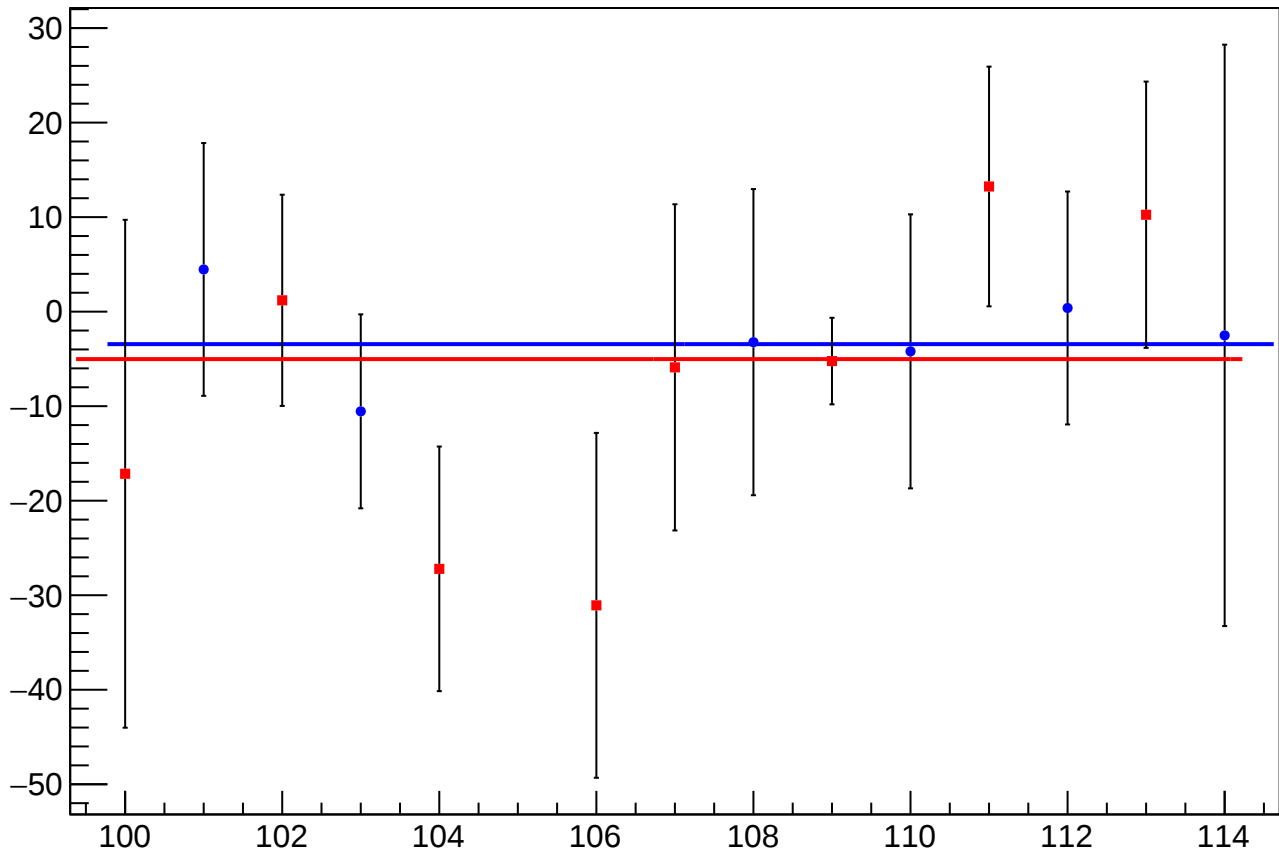
Right: 12664.858+/-3.903 χ^2/NDF : 693373.4/13

In: 12192.006+/-5.684 χ^2/NDF : 335262.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12664.858+/-3.903 χ^2/NDF : 693373.4/13

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: -3.438+/-5.652 χ^2/NDF : 0.9/5

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

Right Out: -5.022+/-3.520 χ^2/NDF : 8.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

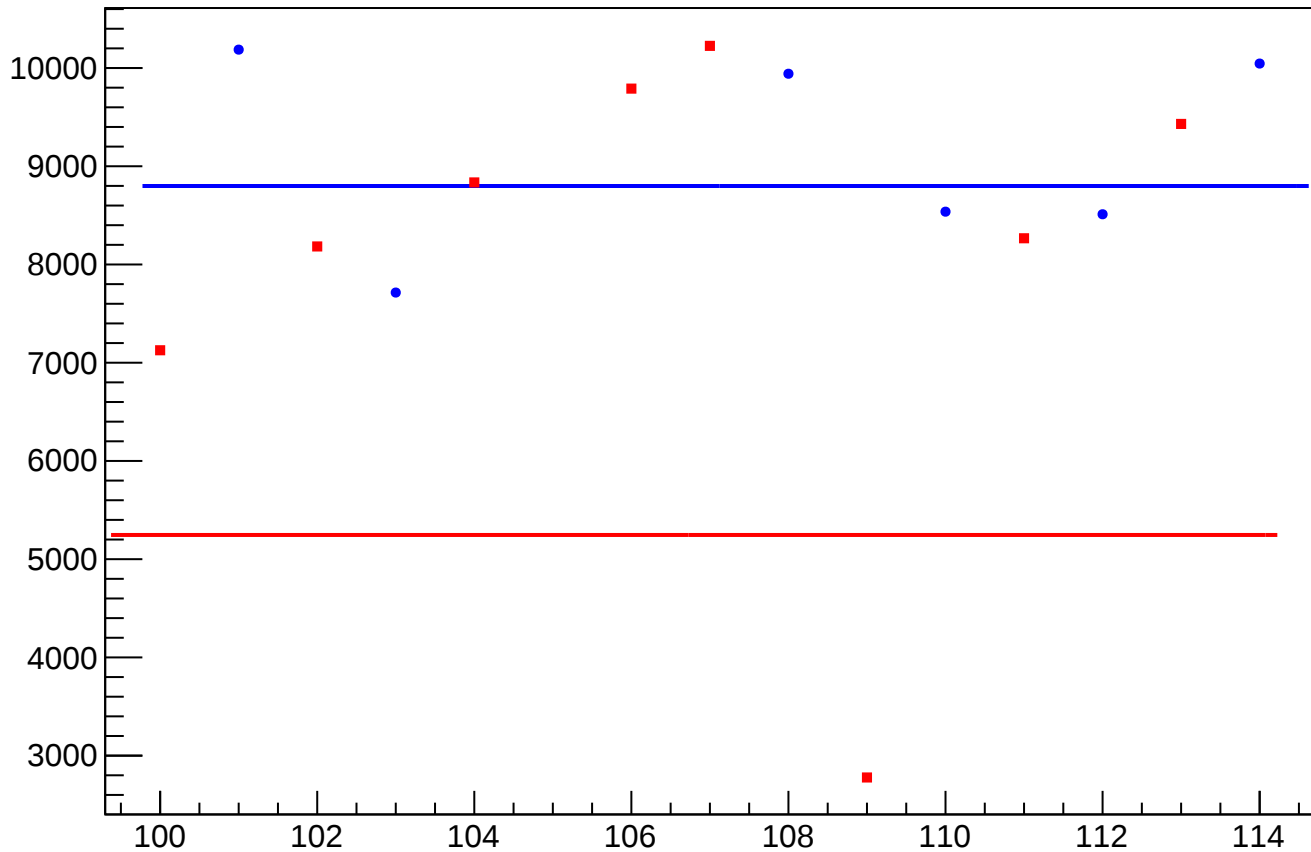
Right: -4.579+/-2.988 χ^2/NDF : 9.7/13

In: -3.438+/-5.652 χ^2/NDF : 0.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.579+/-2.988 χ^2/NDF : 9.7/13

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8798.941+/-3.996 χ^2/NDF : 58888.2/5

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

Right Out: 5246.528+/-2.489 χ^2/NDF : 1464200.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

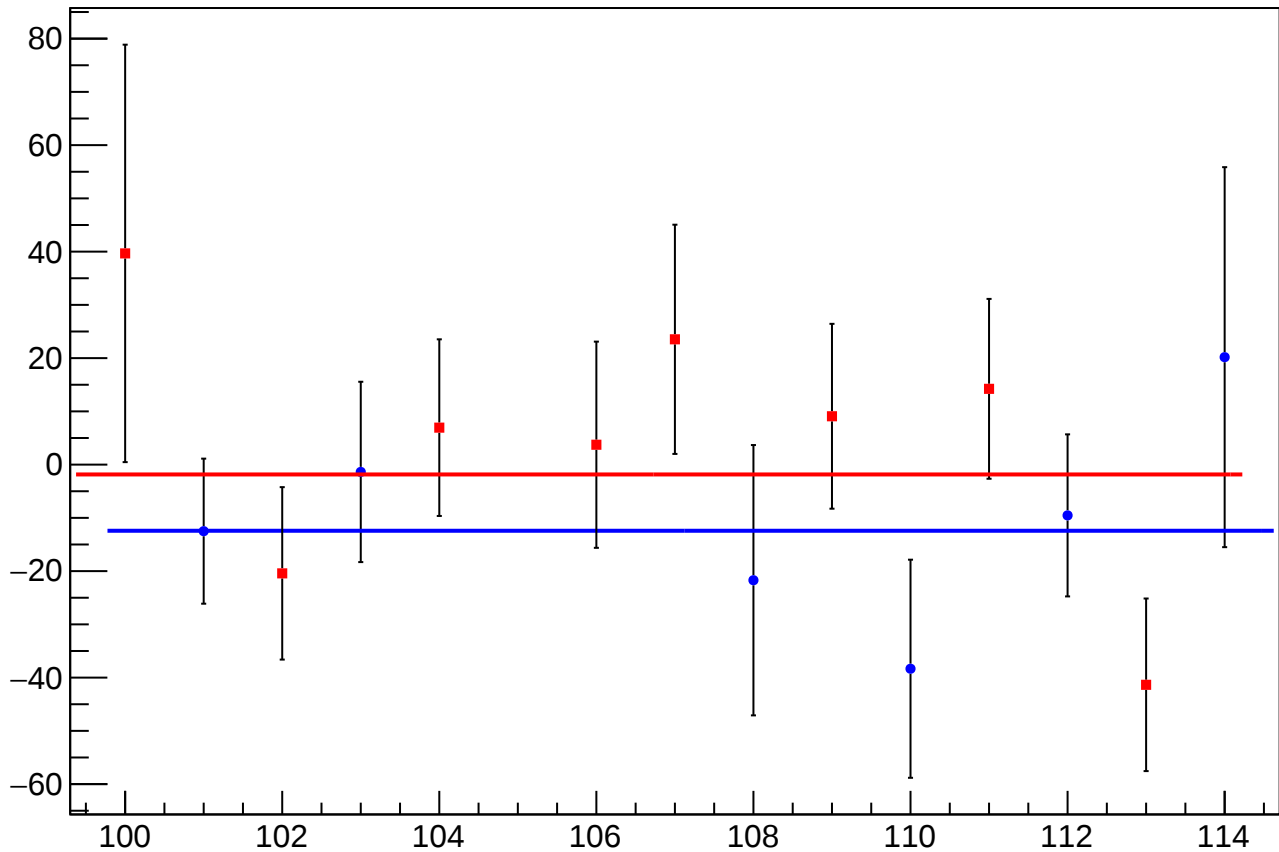
Right: 6239.289+/-2.113 χ^2/NDF : 2092419.4/13

In: 8798.941+/-3.996 χ^2/NDF : 58888.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6239.289+/-2.113 χ^2/NDF : 2092419.4/13

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -12.420 $\pm$ 7.471 χ^2 /NDF: 3.0/5

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

Right Out: -1.846 $\pm$ 6.515 χ^2 /NDF: 11.4/7

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

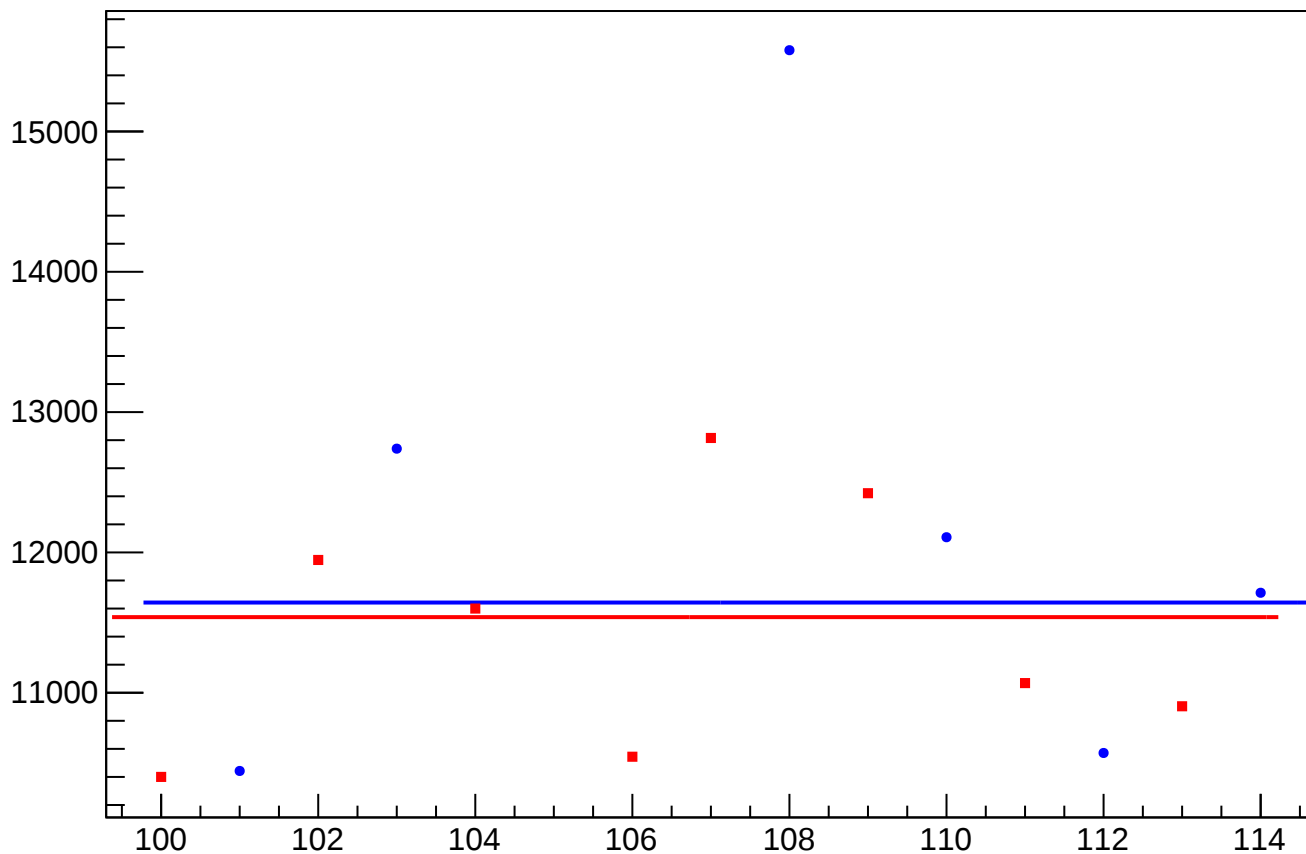
Right: -6.414 $\pm$ 4.910 χ^2 /NDF: 15.6/13

In: -12.420 $\pm$ 7.471 χ^2 /NDF:3.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -6.414 $\pm$ 4.910 χ^2 /NDF: 15.6/13

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11642.855+/-5.283 χ^2/NDF : 82976.4/5

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

Right Out: 11538.890+/-4.607 χ^2/NDF : 25098.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

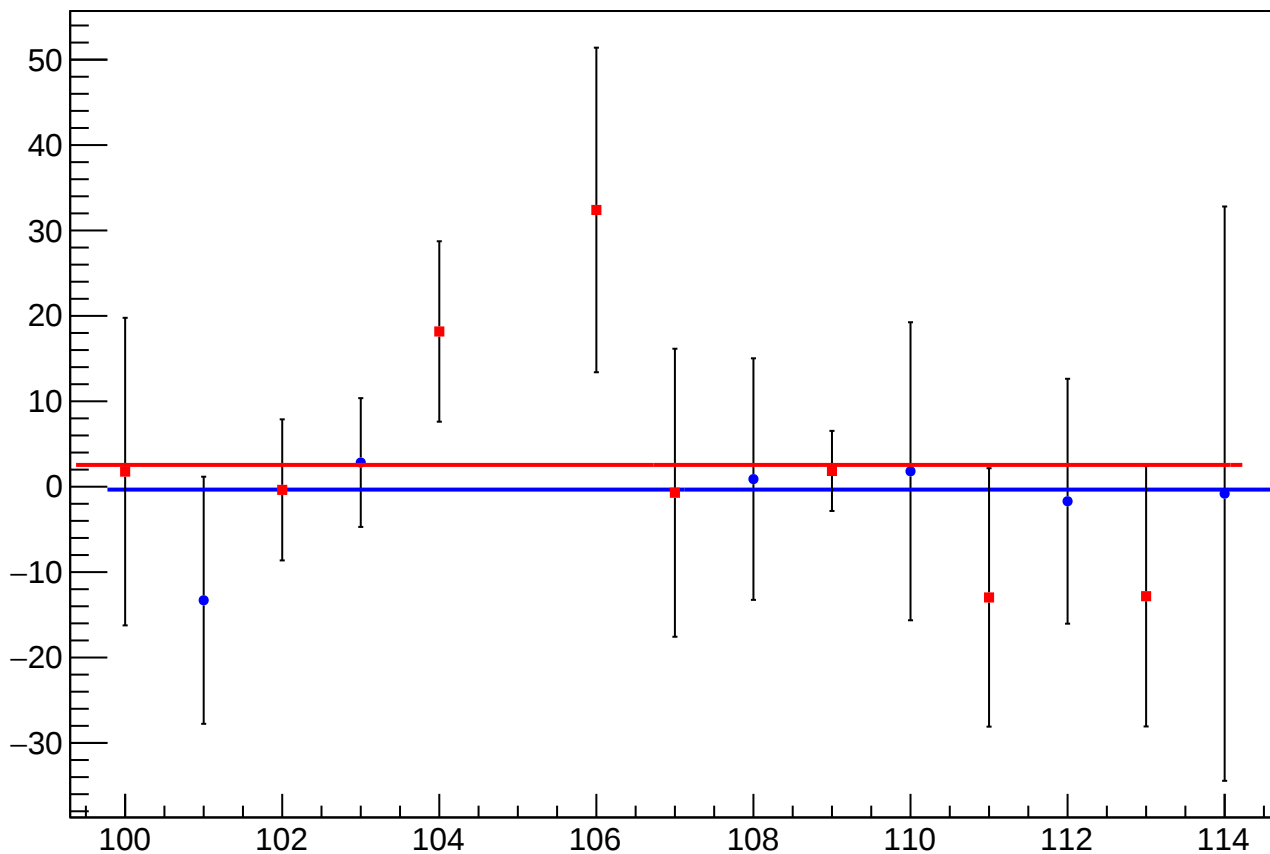
Right: 11583.801+/-3.472 χ^2/NDF : 108295.1/13

In: 11642.855+/-5.283 χ^2/NDF : 82976.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11583.801+/-3.472 χ^2/NDF : 108295.1/13

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.338 ± 5.241 χ^2/NDF : 1.0/5

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

Right Out: 2.552 ± 3.387 χ^2/NDF : 6.9/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

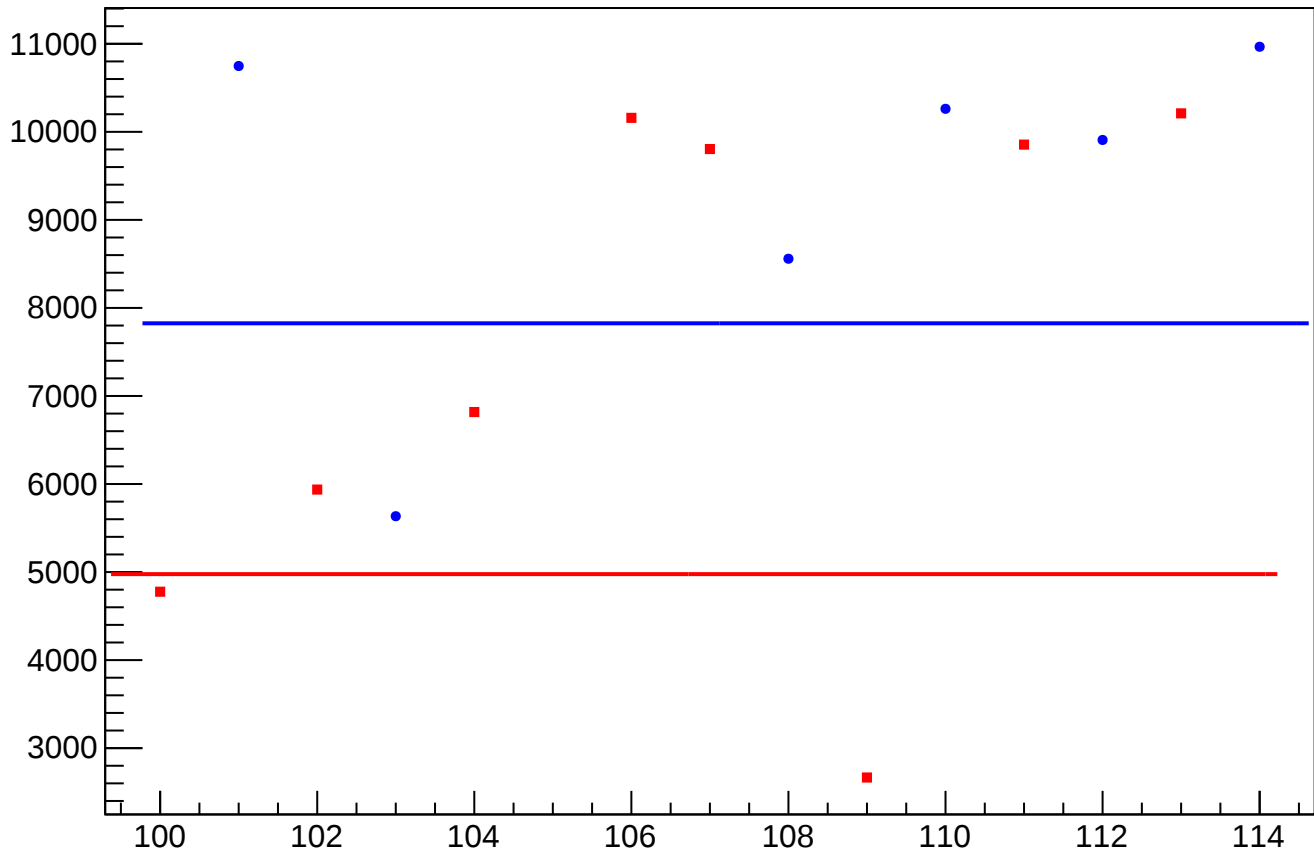
Right: 1.701 ± 2.845 χ^2/NDF : 8.1/13

In: -0.338 ± 5.241 χ^2/NDF : 1.0/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.701 ± 2.845 χ^2/NDF : 8.1/13

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 7825.328+/-3.706 χ^2/NDF : 354587.5/5

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

Right Out: 4976.552+/-2.395 χ^2/NDF : 1330028.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

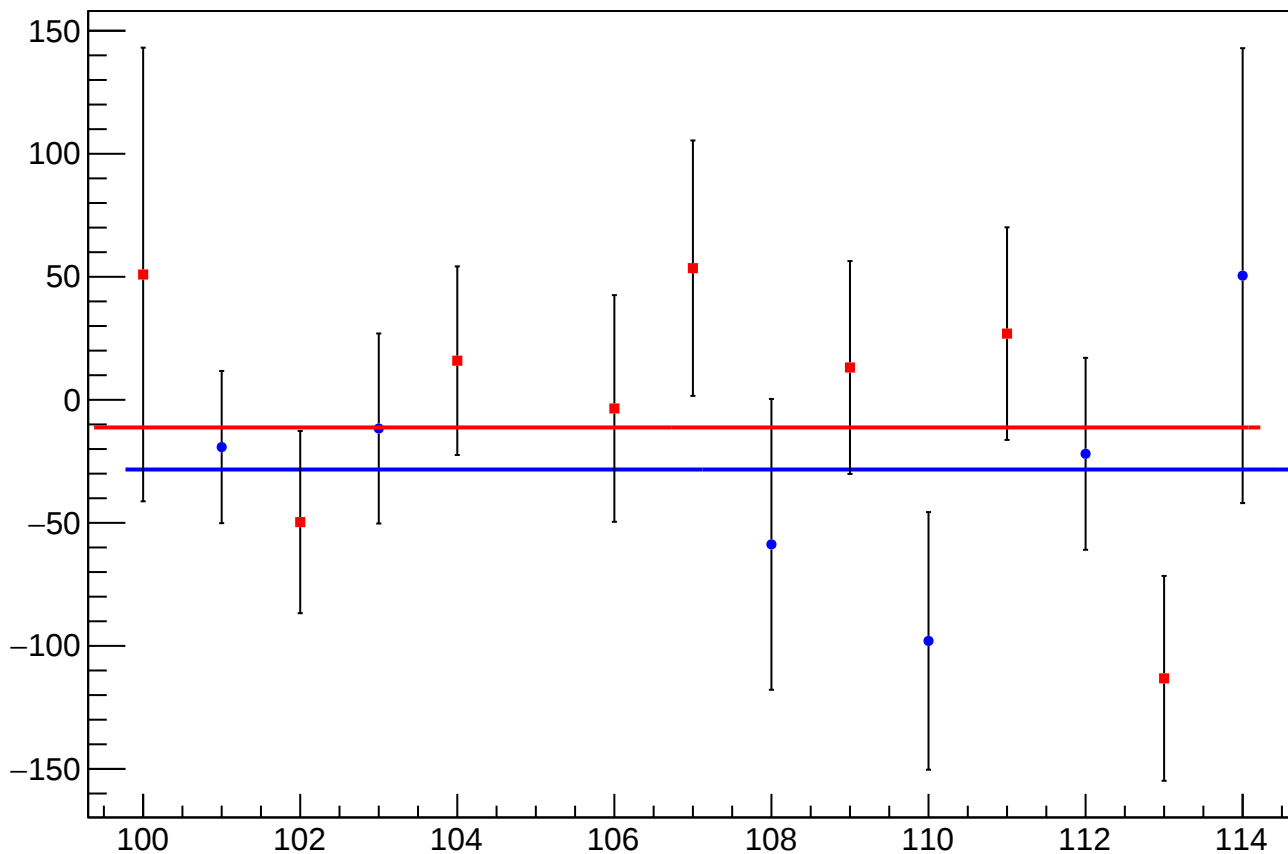
Right: 5815.870+/-2.011 χ^2/NDF : 2101467.0/13

In: 7825.328+/-3.706 χ^2/NDF : 354587.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5815.870+/-2.011 χ^2/NDF : 2101467.0/13

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -28.320 $\pm$ 17.843 χ^2 /NDF: 3.1/5

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

Right Out: -11.227 $\pm$ 15.777 χ^2 /NDF: 10.7/7

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

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

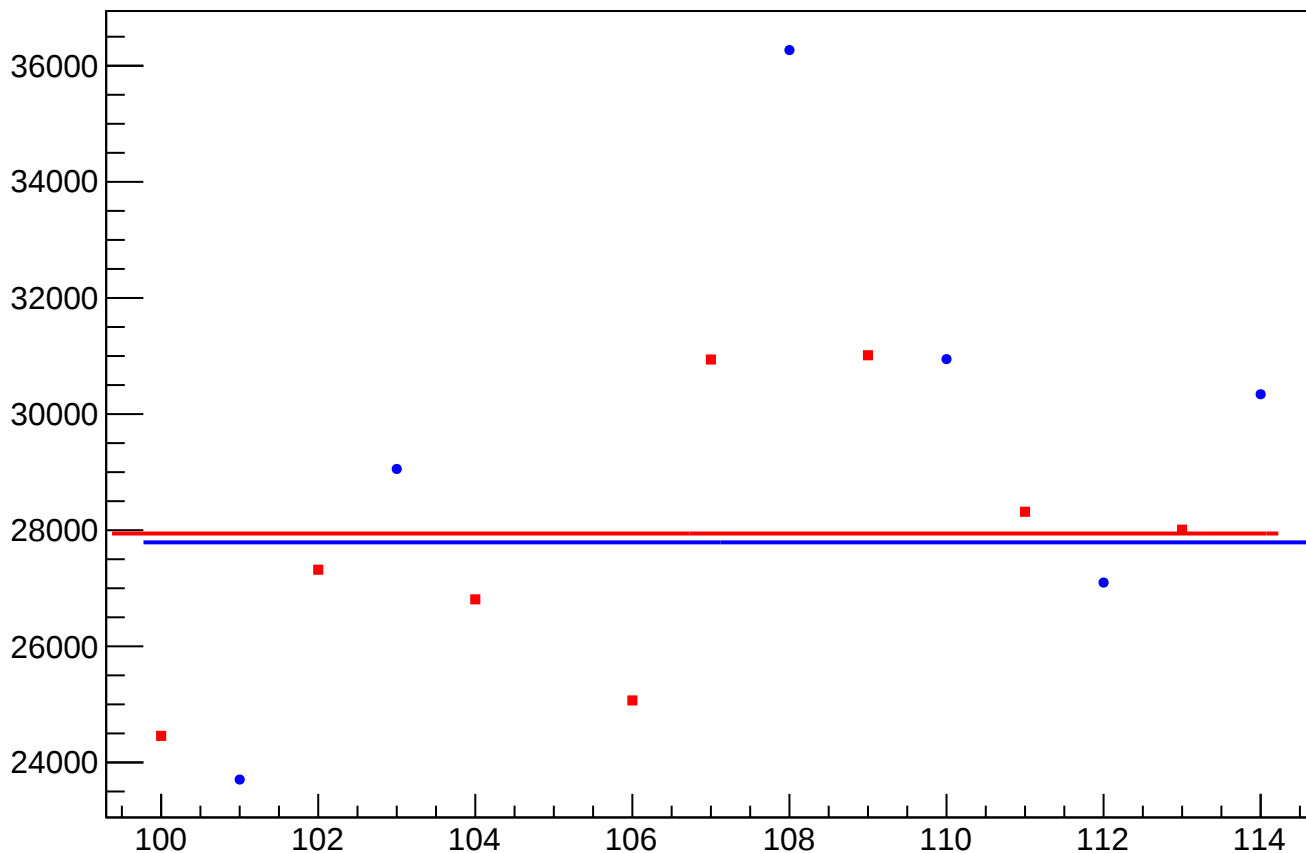
Right: -18.727 $\pm$ 11.819 χ^2 /NDF: 14.3/13

In: -28.320 $\pm$ 17.843 χ^2 /NDF:3.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -18.727 $\pm$ 11.819 χ^2 /NDF: 14.3/13

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 27790.725+/-12.617 χ^2/NDF : 87611.4/5

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

Right Out: 27943.185+/-11.156 χ^2/NDF : 29867.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

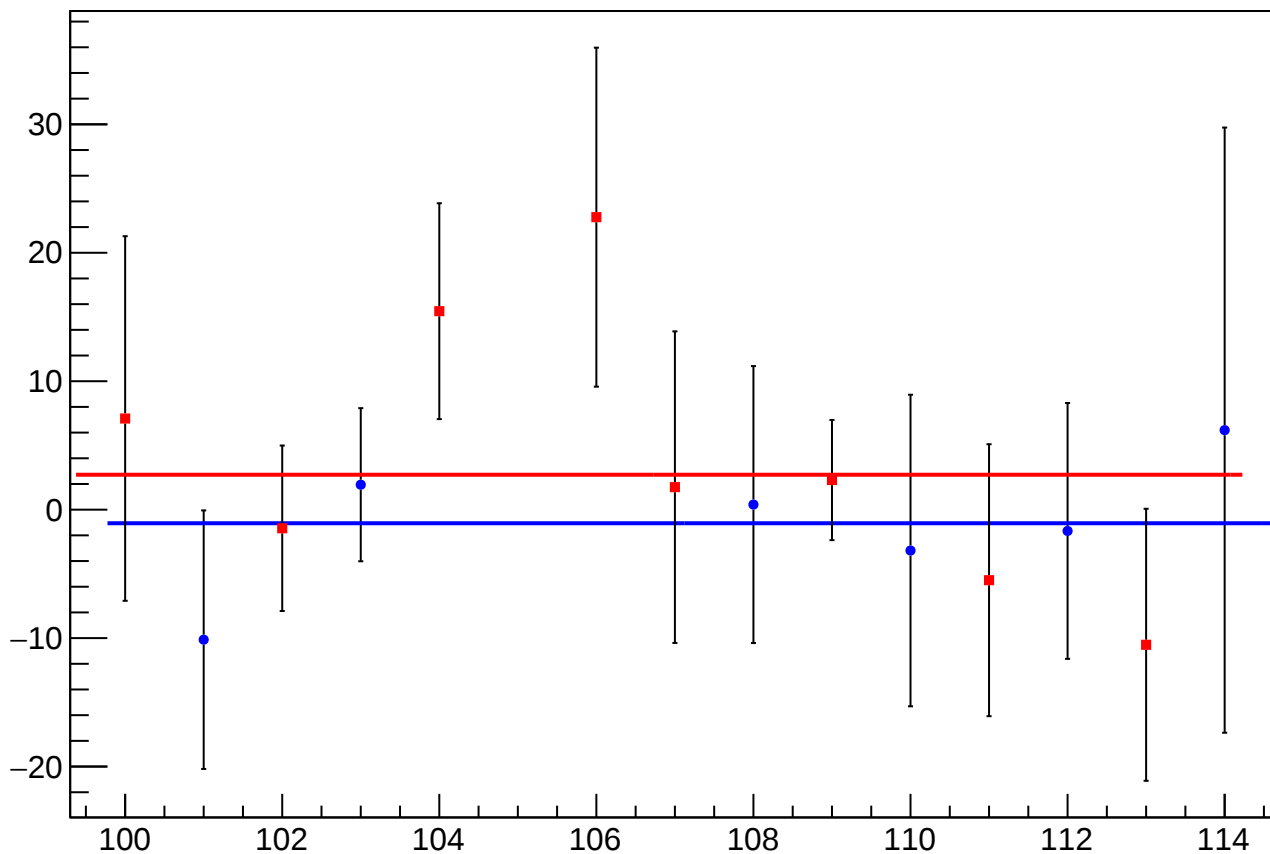
Right: 27876.287+/-8.357 χ^2/NDF : 117560.9/13

In: 27790.725+/-12.617 χ^2/NDF : 87611.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27876.287+/-8.357 χ^2/NDF : 117560.9/13

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -1.057+/-3.914 χ^2/NDF : 1.2/5

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

Right Out: 2.719+/-2.896 χ^2/NDF : 7.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

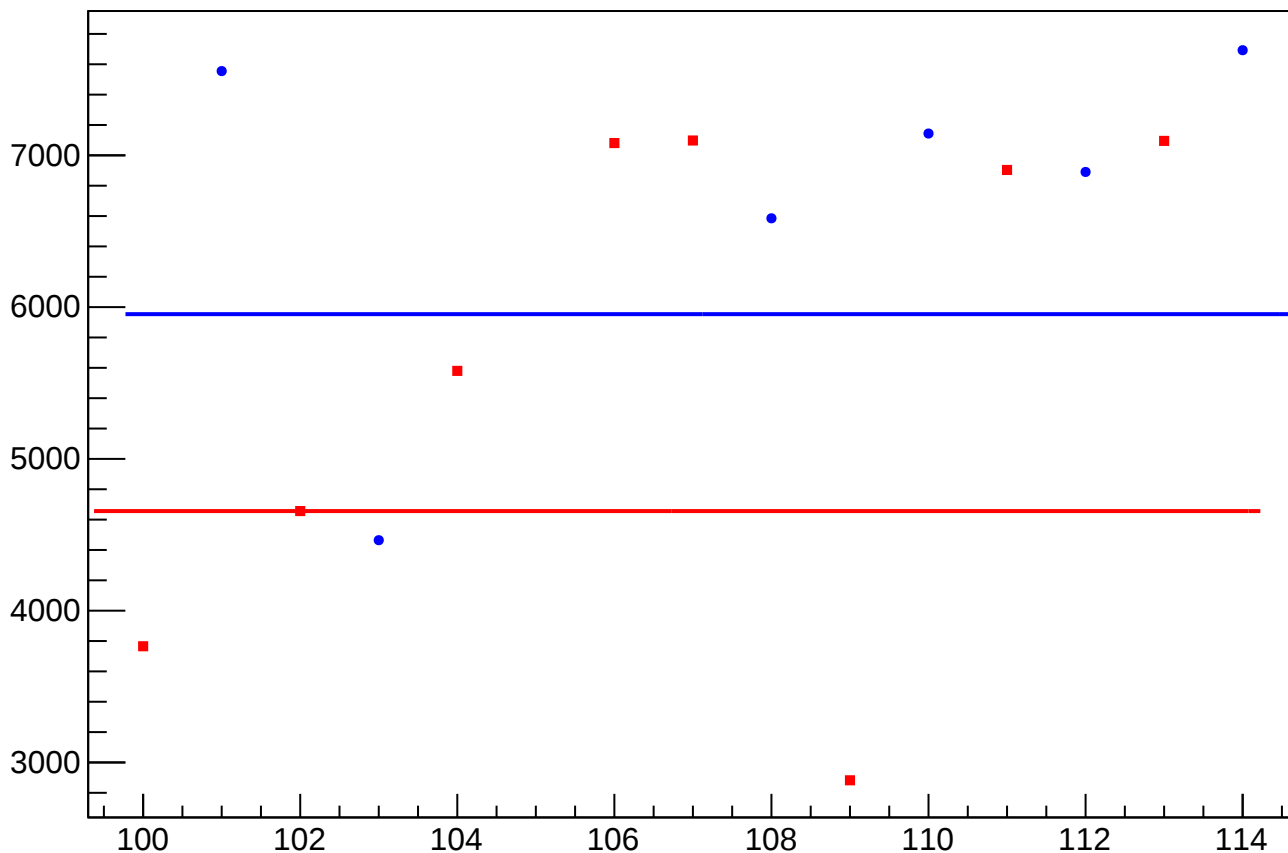
Right: 1.383+/-2.328 χ^2/NDF : 9.1/13

In: -1.057+/-3.914 χ^2/NDF : 1.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.383+/-2.328 χ^2/NDF : 9.1/13

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5953.695+/-2.767 χ^2/NDF : 230167.6/5

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

Right Out: 4656.191+/-2.048 χ^2/NDF : 664113.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

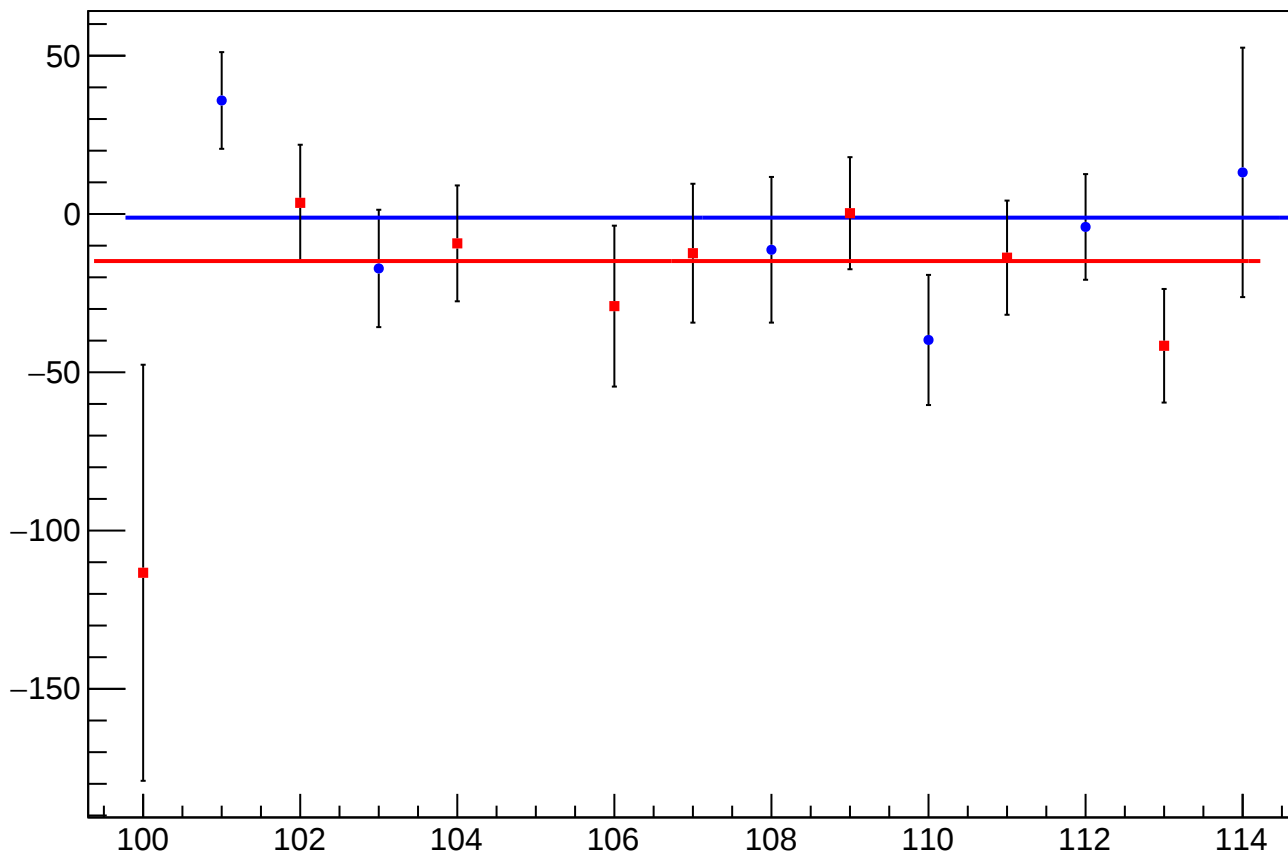
Right: 5115.241+/-1.646 χ^2/NDF : 1036341.4/13

In: 5953.695+/-2.767 χ^2/NDF : 230167.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5115.241+/-1.646 χ^2/NDF : 1036341.4/13

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: -1.152+/-7.984 χ^2/NDF : 10.5/5

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

Right Out: -14.865+/-7.220 χ^2/NDF : 6.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

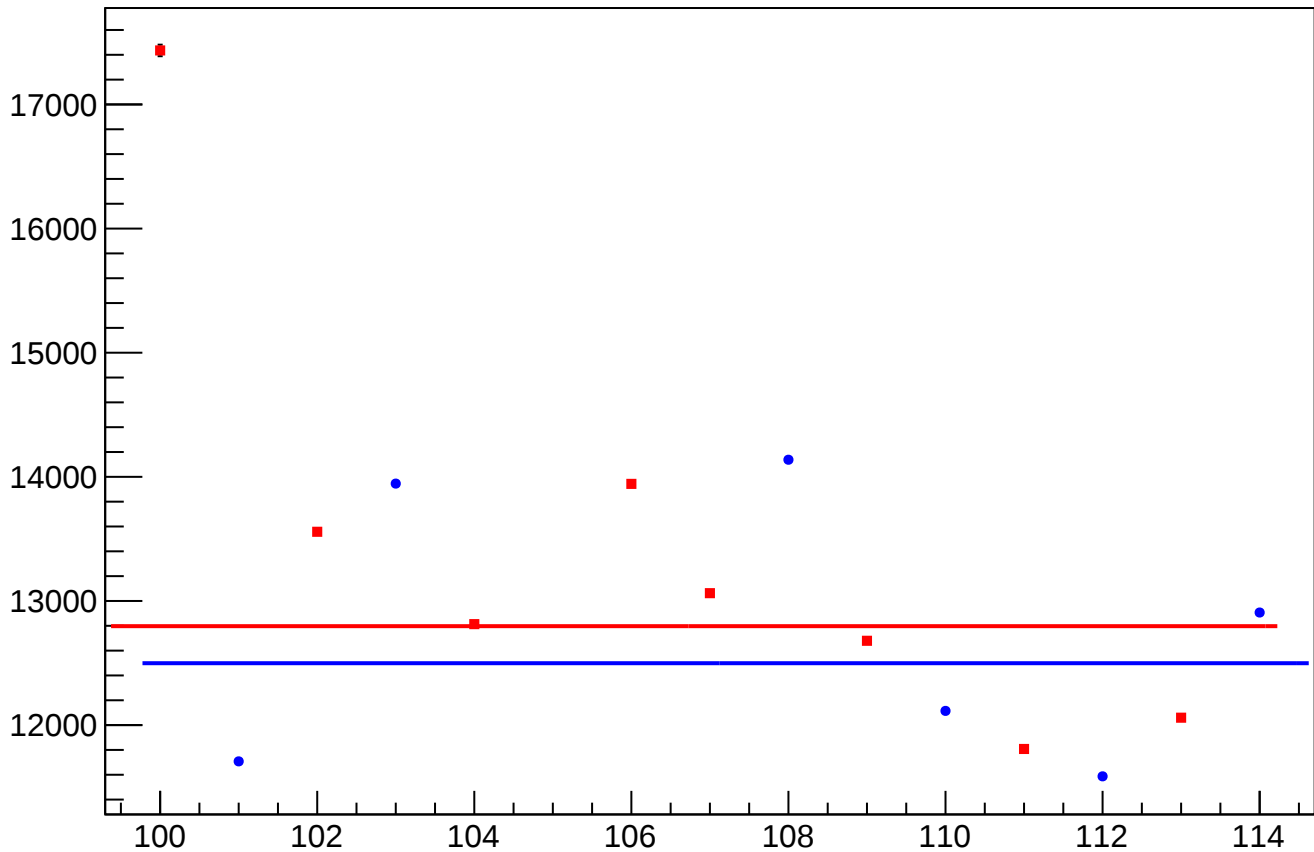
Right: -8.696+/-5.355 χ^2/NDF : 18.8/13

In: -1.152+/-7.984 χ^2/NDF : 10.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.696+/-5.355 χ^2/NDF : 18.8/13

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 12498.599+/-5.646 χ^2/NDF : 34575.2/5

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

Right Out: 12796.993+/-5.105 χ^2/NDF : 27244.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

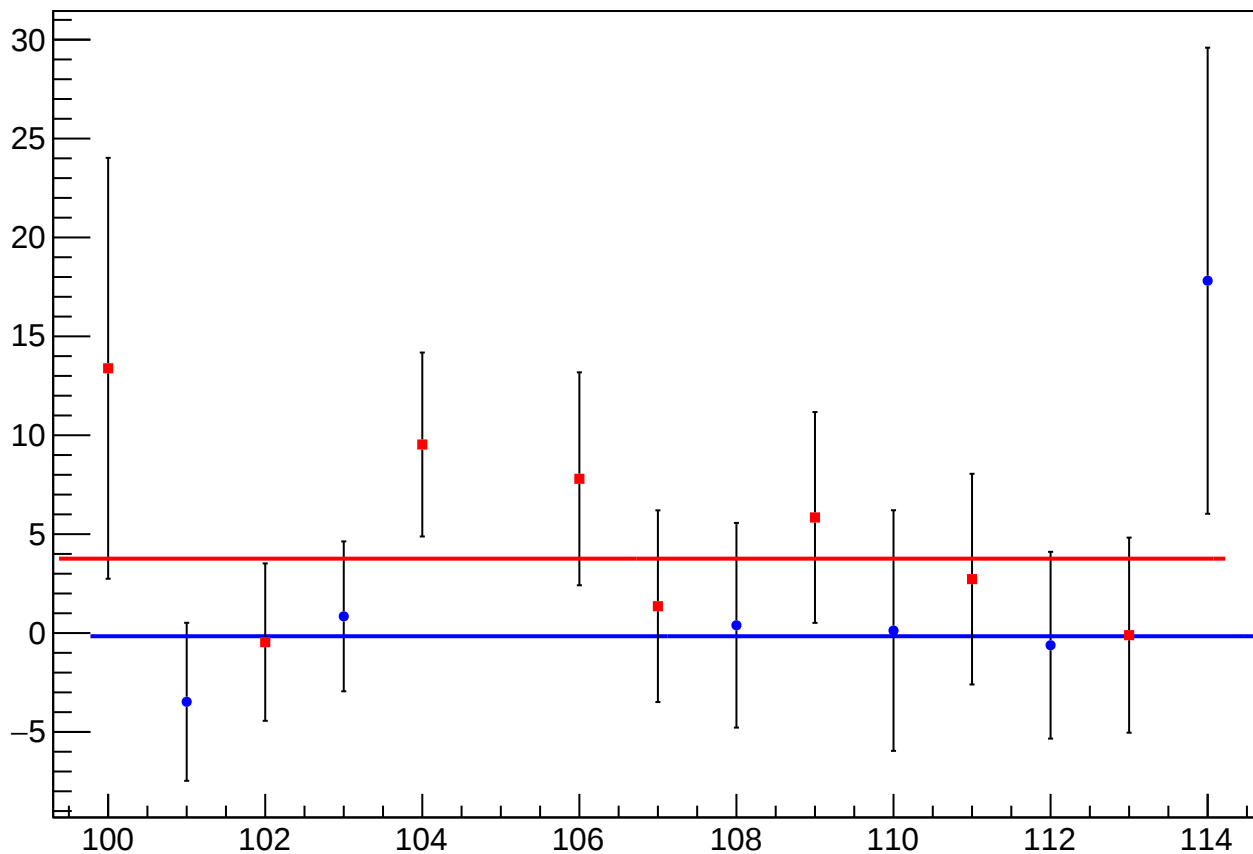
Right: 12662.761+/-3.787 χ^2/NDF : 63356.5/13

In: 12498.599+/-5.646 χ^2/NDF : 34575.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12662.761+/-3.787 χ^2/NDF : 63356.5/13

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.161 ± 2.005 χ^2/NDF : 3.1/5

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

Right Out: 3.762 ± 1.805 χ^2/NDF : 5.1/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

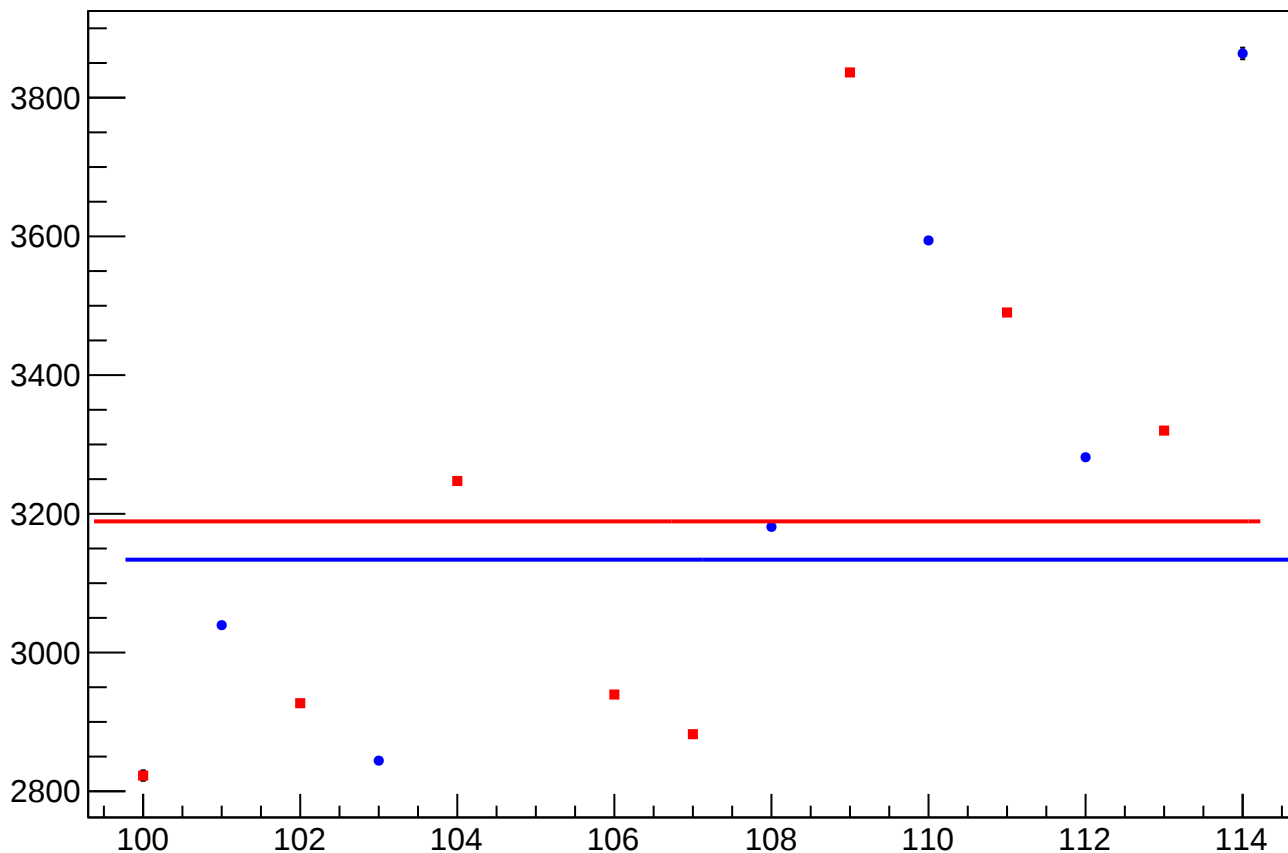
Right: 2.006 ± 1.342 χ^2/NDF : 10.3/13

In: -0.161 ± 2.005 χ^2/NDF : 3.1/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 2.006 ± 1.342 χ^2/NDF : 10.3/13

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3133.918+/-1.418 χ^2/NDF : 34056.6/5

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

Right Out: 3189.120+/-1.276 χ^2/NDF : 60993.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

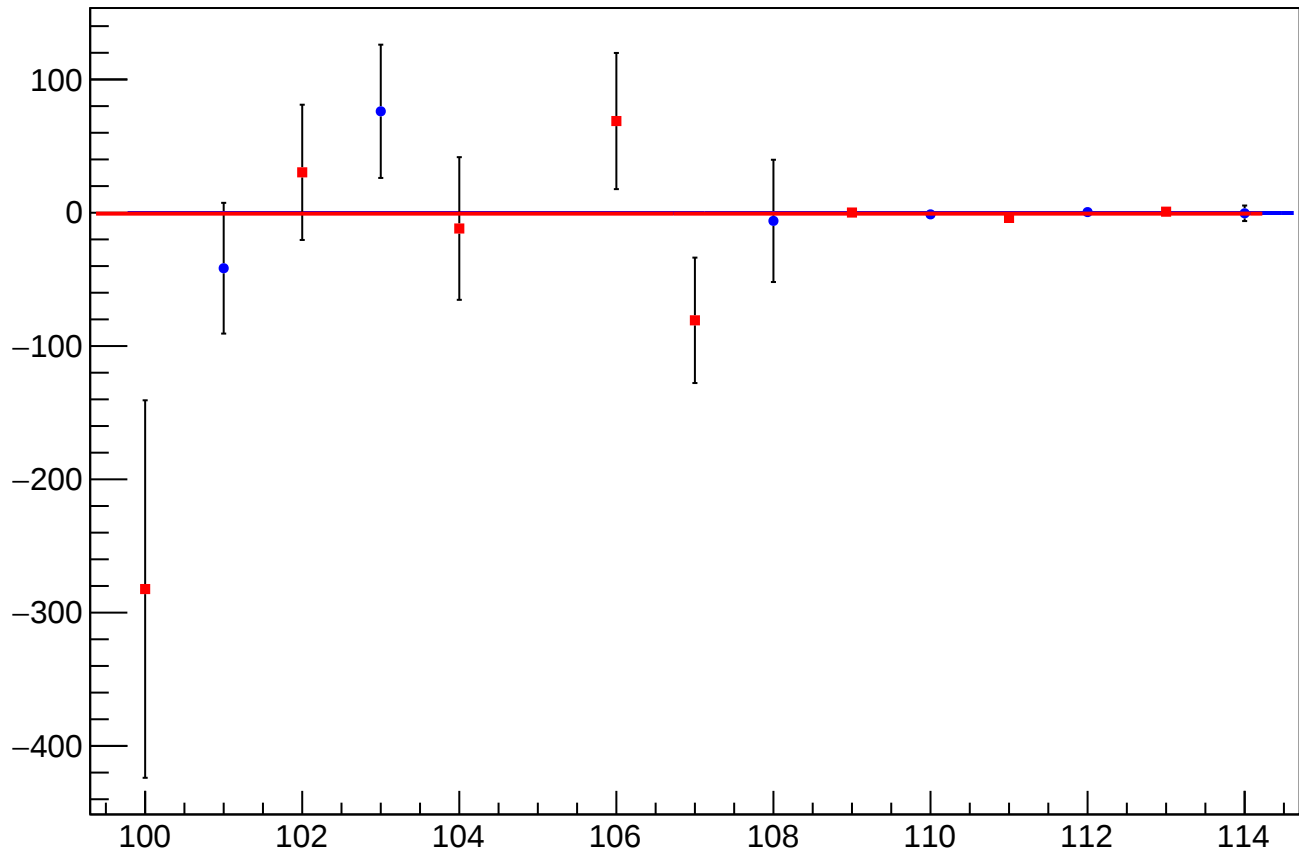
Right: 3164.410+/-0.949 χ^2/NDF : 95887.4/13

In: 3133.918+/-1.418 χ^2/NDF : 34056.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3164.410+/-0.949 χ^2/NDF : 95887.4/13

diff_bpm1p02bX_mean vs Slug, Sign Corrected



Right In: -0.187+/-1.882 χ^2 /NDF: 3.2/5

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

Right Out: -0.663+/-1.281 χ^2 /NDF: 11.1/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

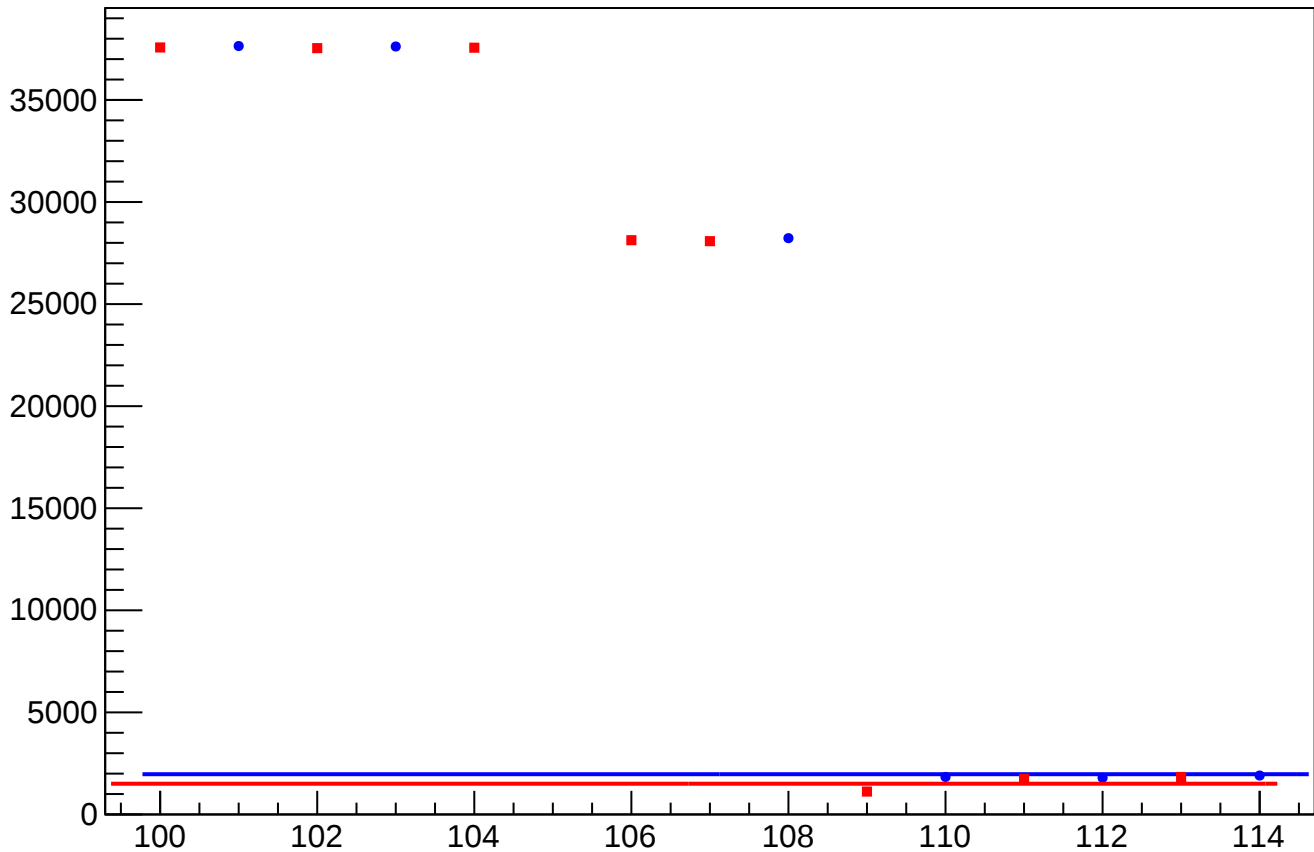
Right: -0.513+/-1.059 χ^2 /NDF: 14.4/13

In: -0.187+/-1.882 χ^2 /NDF:3.2/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.513+/-1.059 χ^2 /NDF: 14.4/13

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 1971.410+/-1.331 χ^2/NDF : 2743295.1/5

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

Right Out: 1505.618+/-0.905 χ^2/NDF : 3371832.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

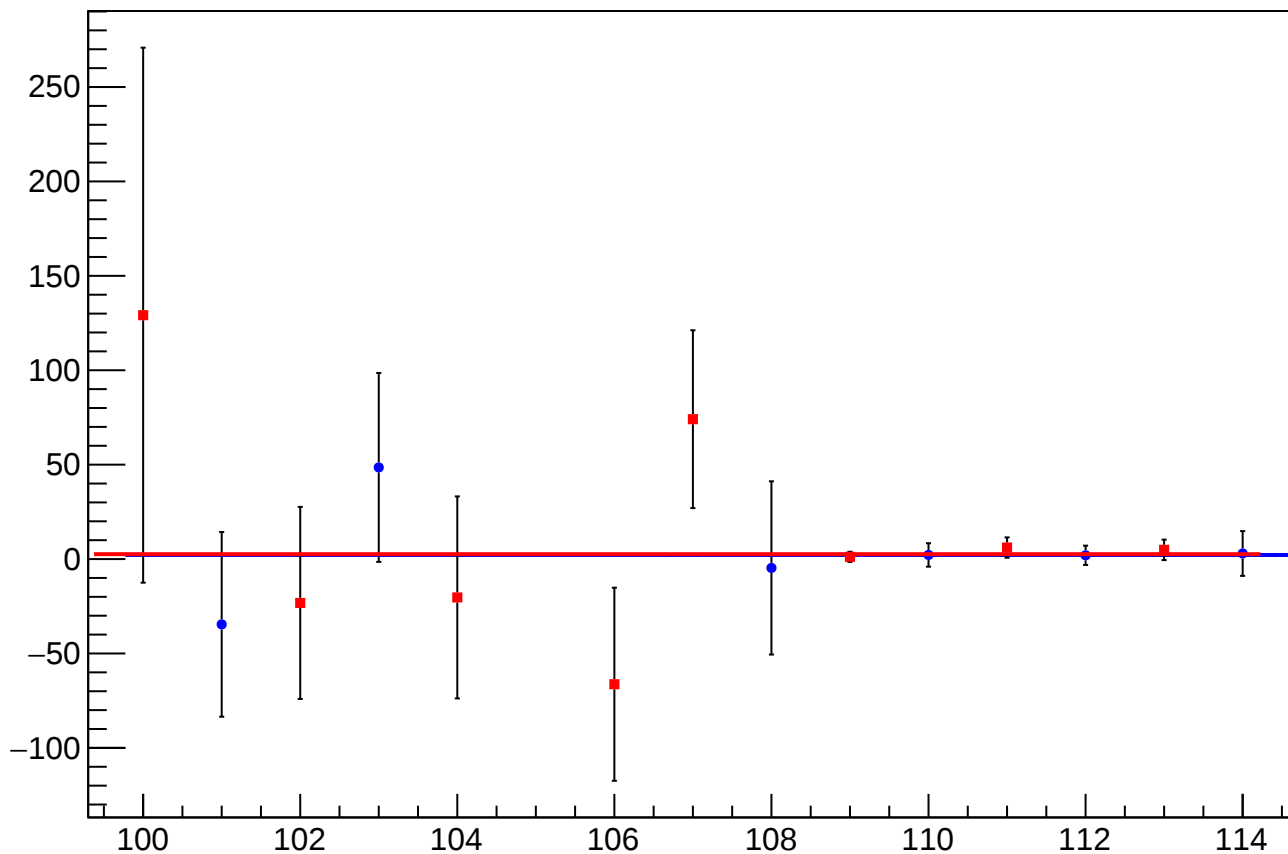
Right: 1652.981+/-0.749 χ^2/NDF : 6198846.3/13

In: 1971.410+/-1.331 χ^2/NDF : 2743295.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1652.981+/-0.749 χ^2/NDF : 6198846.3/13

diff_bpm1p02bY_mean vs Slug, Sign Corrected



Right In: 2.158+/-3.712 χ^2/NDF : 1.5/5

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

Right Out: 2.587+/-2.186 χ^2/NDF : 6.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

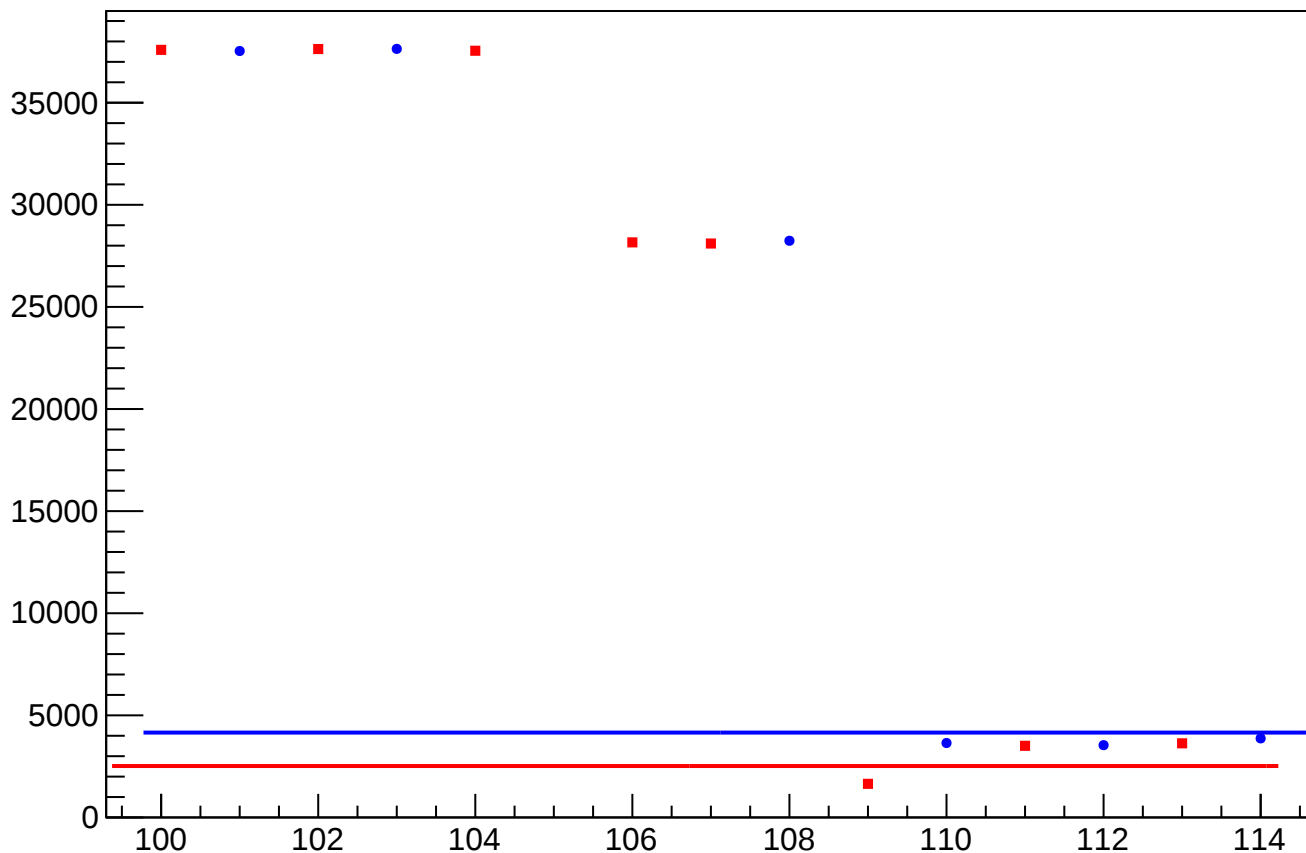
Right: 2.477+/-1.884 χ^2/NDF : 7.7/13

In: 2.158+/-3.712 χ^2/NDF : 1.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.477+/-1.884 χ^2/NDF : 7.7/13

diff_bpm1p02bY_rms vs Slug, Sign Corrected



Right In: 4155.930 $\pm$ 2.625 χ^2/NDF : 2422473.2/5

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

Right Out: 2518.451 $\pm$ 1.546 χ^2/NDF : 3389884.2/7

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

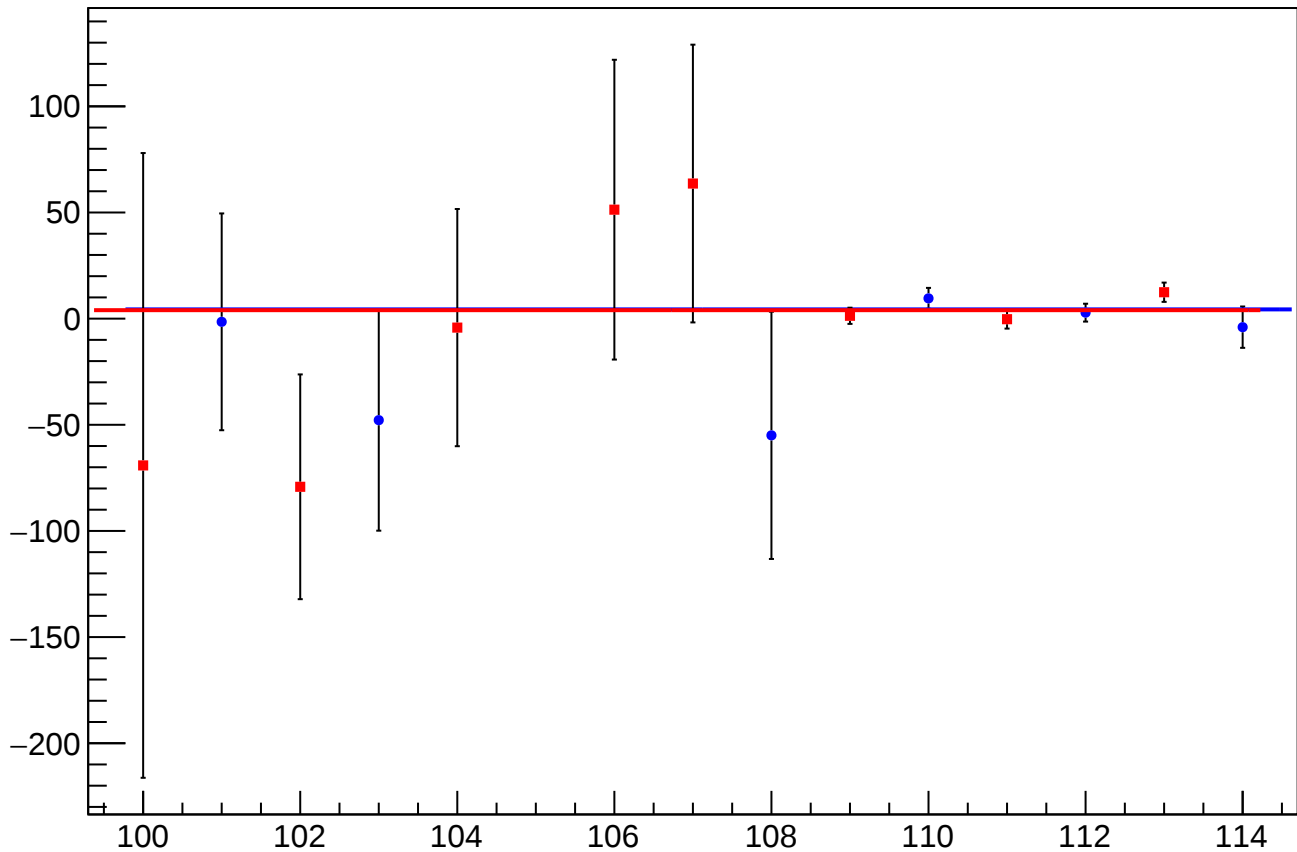
Right: 2940.213 $\pm$ 1.332 χ^2/NDF : 6101339.3/13

In: 4155.930 $\pm$ 2.625 χ^2/NDF : 2422473.2/5

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

All: 2940.213 $\pm$ 1.332 χ^2/NDF : 6101339.3/13

diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: 4.355+/-3.027 χ^2/NDF : 4.0/5

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

Right Out: 3.991+/-2.429 χ^2/NDF : 8.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

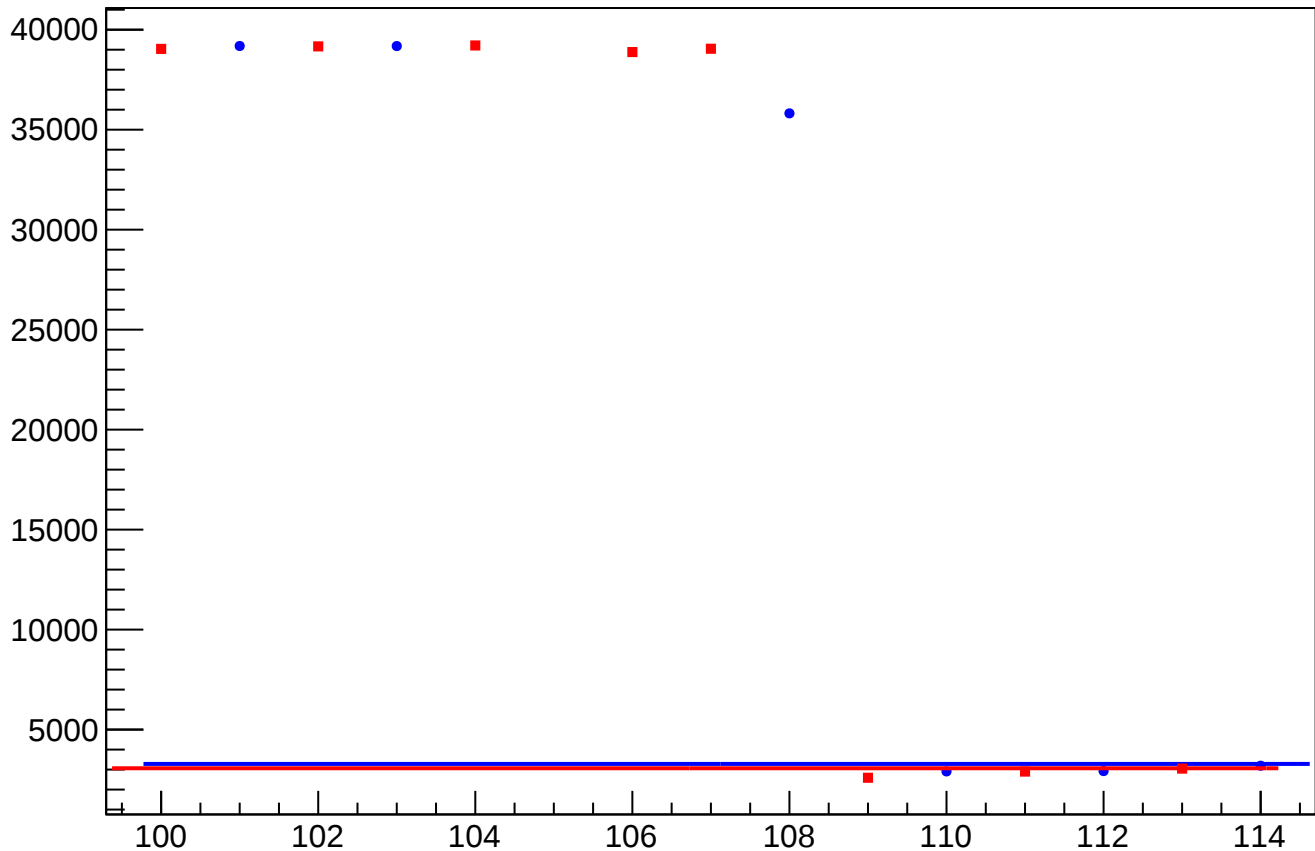
Right: 4.134+/-1.894 χ^2/NDF : 12.9/13

In: 4.355+/-3.027 χ^2/NDF : 4.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.134+/-1.894 χ^2/NDF : 12.9/13

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 3283.098+/-2.140 χ^2/NDF : 2589851.5/5

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

Right Out: 3065.175+/-1.717 χ^2/NDF : 3040359.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

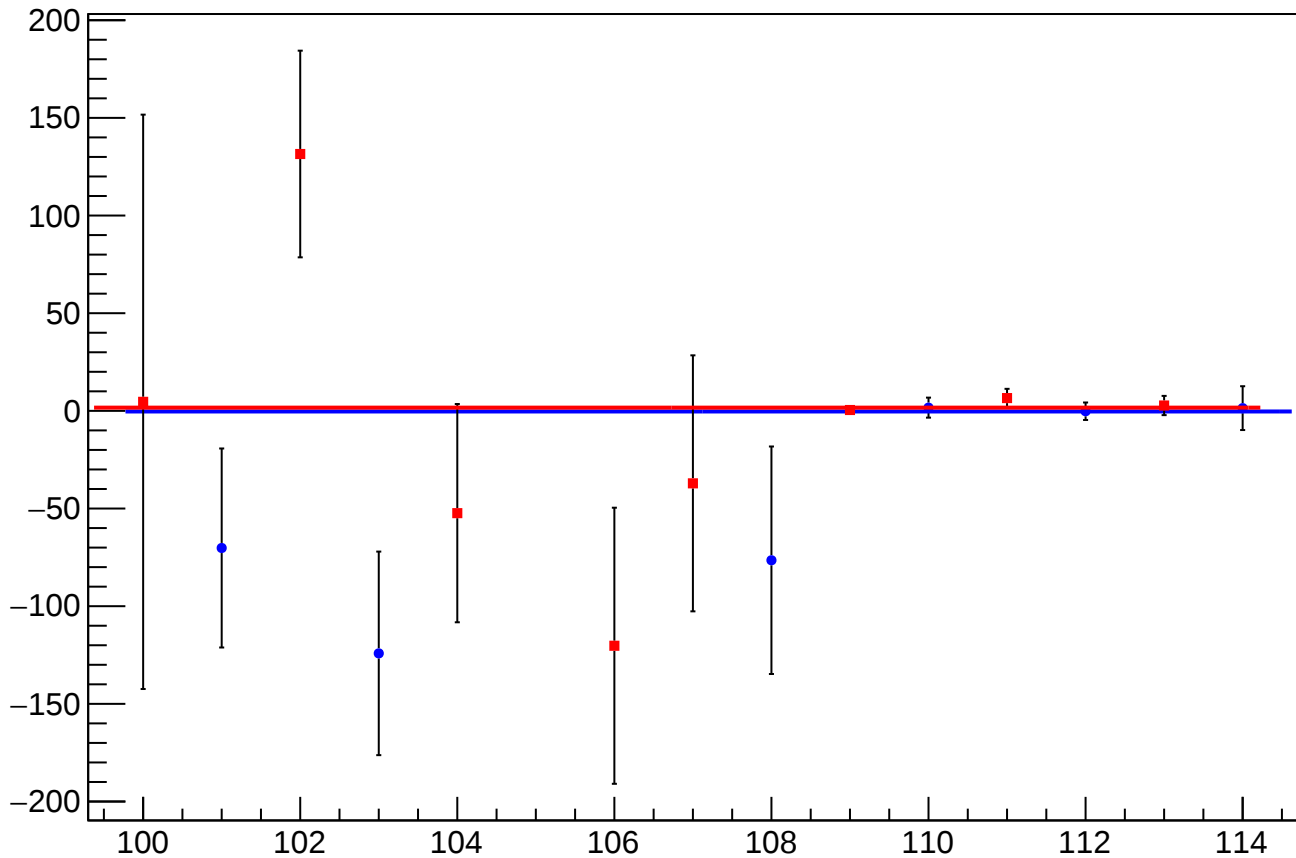
Right: 3150.539+/-1.339 χ^2/NDF : 5636517.3/13

In: 3283.098+/-2.140 χ^2/NDF : 2589851.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3150.539+/-1.339 χ^2/NDF : 5636517.3/13

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: -0.315 ± 3.209 χ^2/NDF : 9.4/5

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

Right Out: 1.654 ± 1.825 χ^2/NDF : 11.7/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

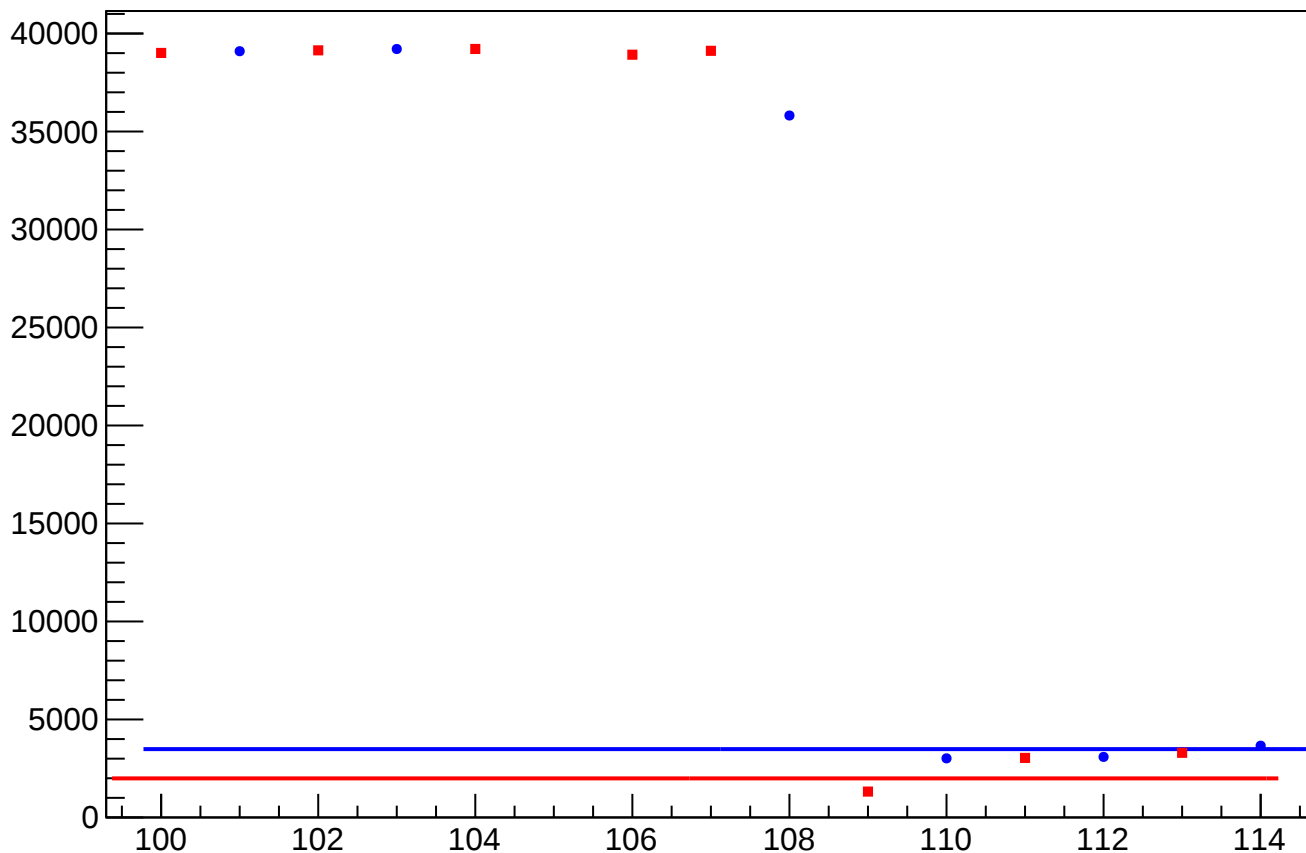
Right: 1.173 ± 1.586 χ^2/NDF : 21.4/13

In: -0.315 ± 3.209 χ^2/NDF : 9.4/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.173 ± 1.586 χ^2/NDF : 21.4/13

diff_bpm1p03aY_rms vs Slug, Sign Corrected



Right In: 3486.722+/-2.269 χ^2/NDF : 2566817.7/5

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

Right Out: 1993.355+/-1.290 χ^2/NDF : 3619698.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

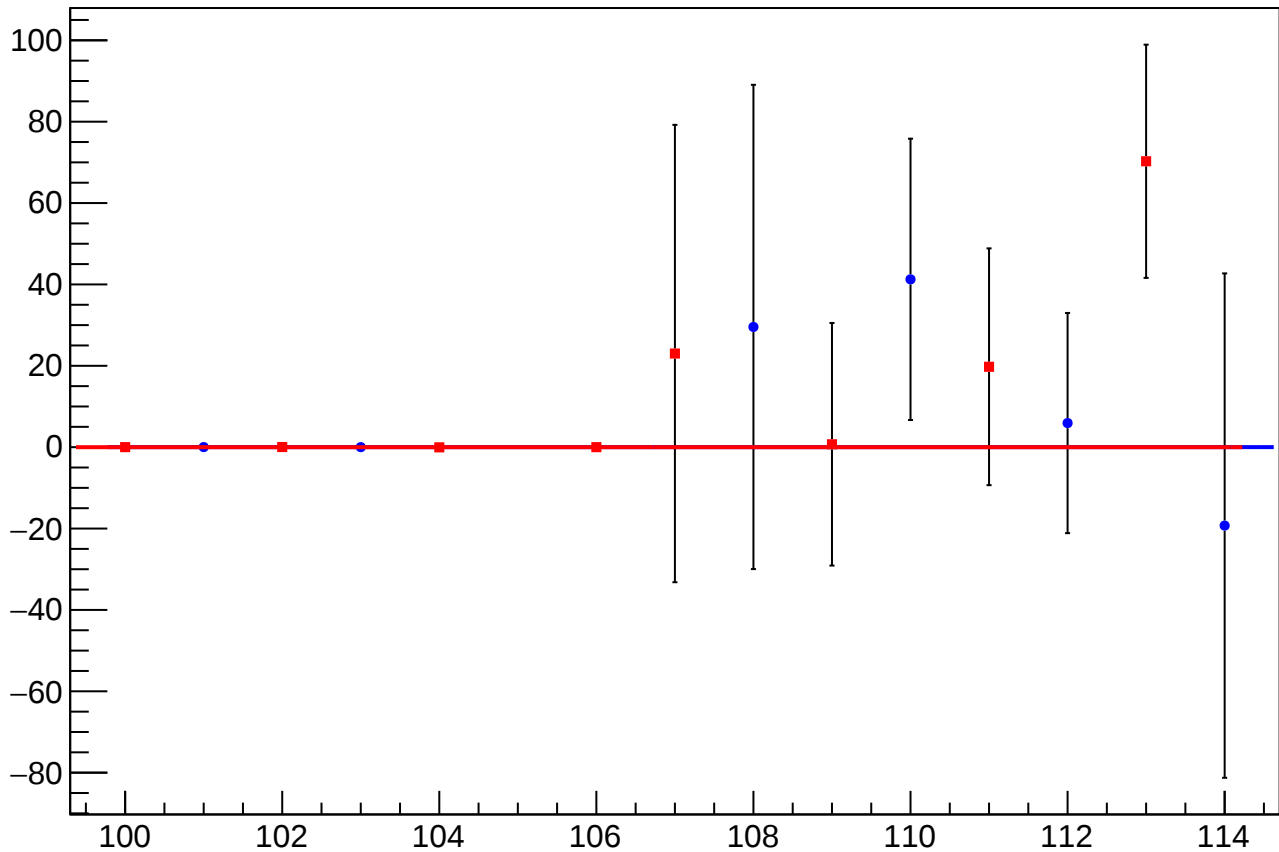
Right: 2358.314+/-1.122 χ^2/NDF : 6513831.8/13

In: 3486.722+/-2.269 χ^2/NDF : 2566817.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2358.314+/-1.122 χ^2/NDF : 6513831.8/13

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.017 χ^2/NDF : 2.0/5

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

Right Out: -0.003+/-0.016 χ^2/NDF : 11.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

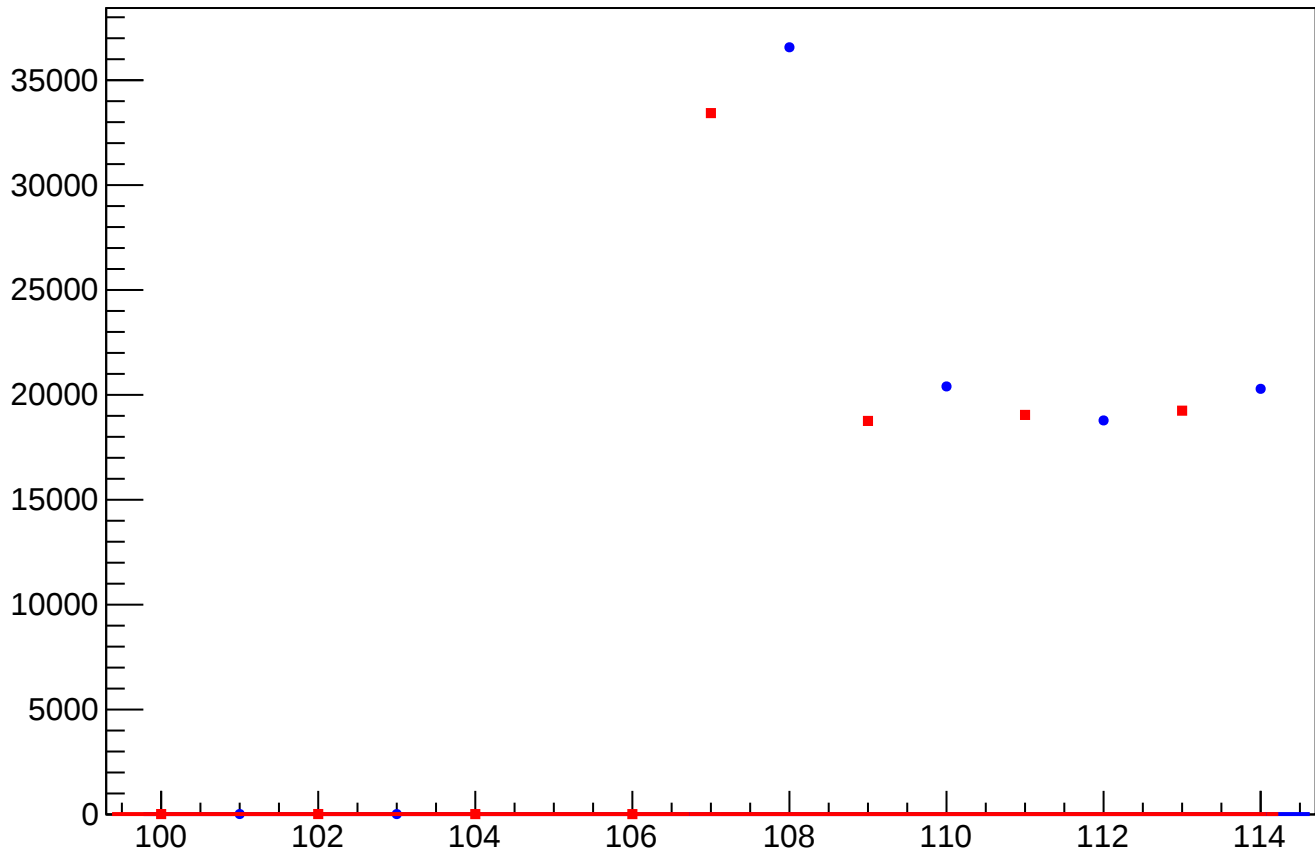
Right: 0.004+/-0.012 χ^2/NDF : 13.9/13

In: 0.013+/-0.017 χ^2/NDF : 2.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.012 χ^2/NDF : 13.9/13

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 18.578+/-0.012 χ^2/NDF : 2636986.8/5

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

Right Out: 18.262+/-0.011 χ^2/NDF : 3264897.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

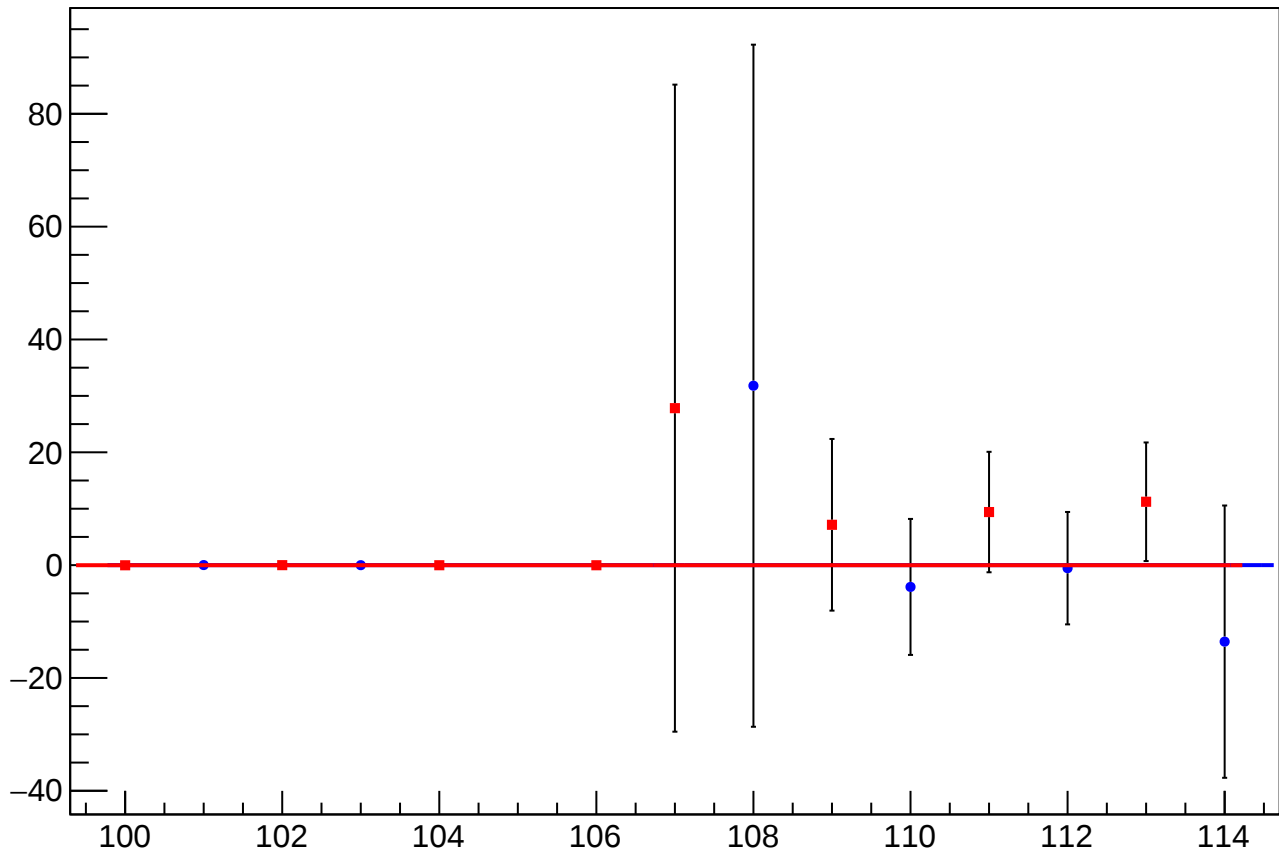
Right: 18.408+/-0.008 χ^2/NDF : 5902240.6/13

In: 18.578+/-0.012 χ^2/NDF : 2636986.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.408+/-0.008 χ^2/NDF : 5902240.6/13

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.009 χ^2 /NDF: 1.8/5

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

Right Out: -0.014 $\pm$ 0.009 χ^2 /NDF: 3.1/7

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

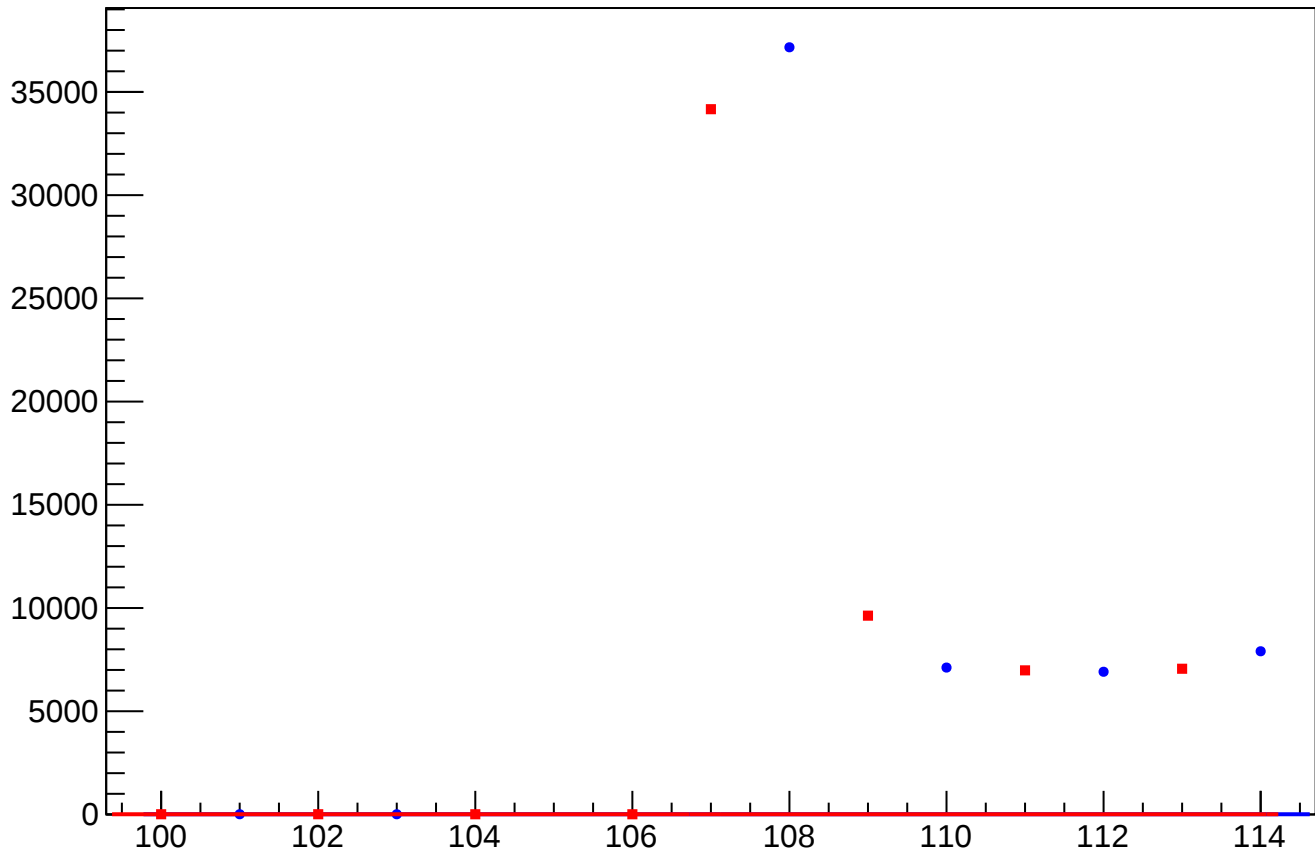
Right: -0.007 $\pm$ 0.006 χ^2 /NDF: 6.3/13

In: 0.001 $\pm$ 0.009 χ^2 /NDF:1.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.006 χ^2 /NDF: 6.3/13

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 9.867+/-0.007 χ^2/NDF : 2635079.9/5

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

Right Out: 9.794+/-0.006 χ^2/NDF : 3274774.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

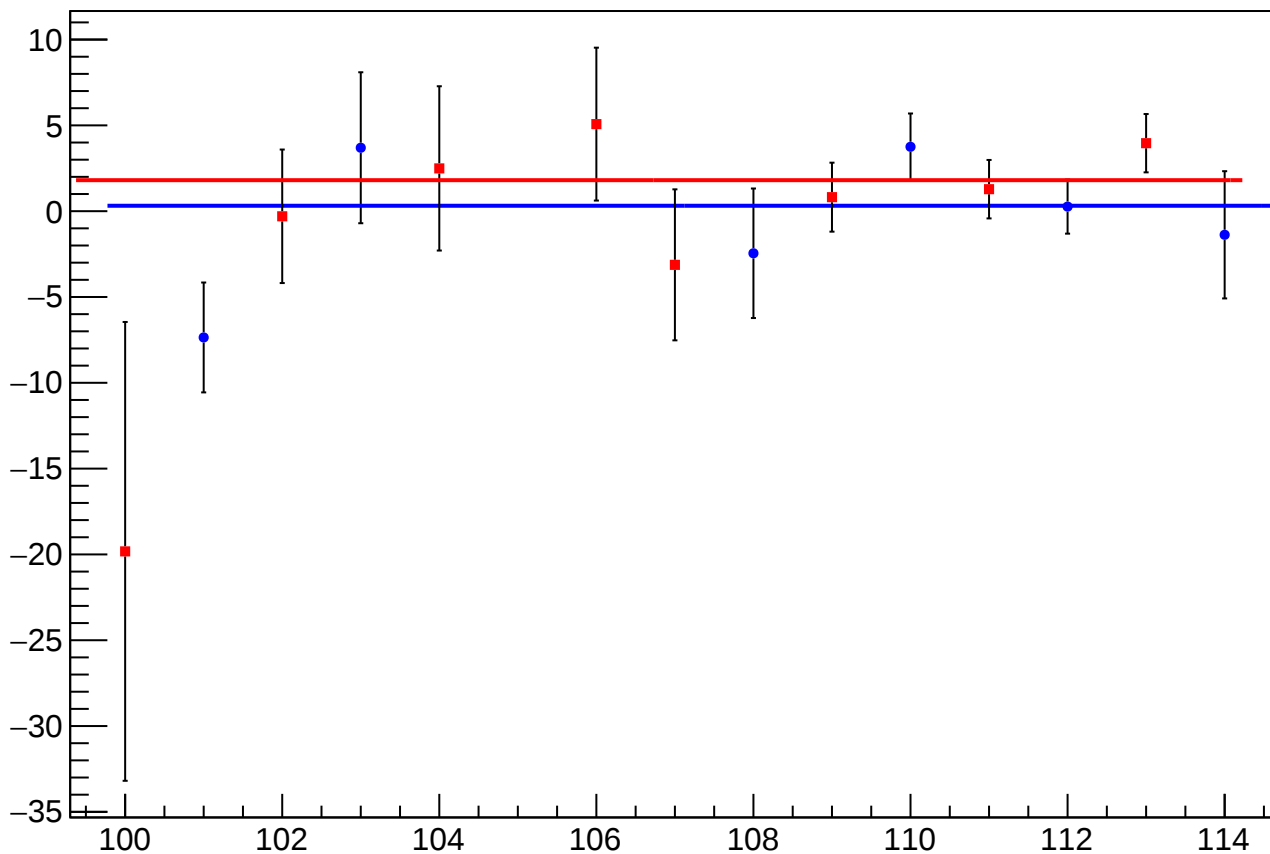
Right: 9.828+/-0.004 χ^2/NDF : 5909921.6/13

In: 9.867+/-0.007 χ^2/NDF :2635079.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 9.828+/-0.004 χ^2/NDF : 5909921.6/13

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: 0.316+/-1.020 χ^2/NDF : 10.2/5

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

Right Out: 1.806+/-0.930 χ^2/NDF : 6.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

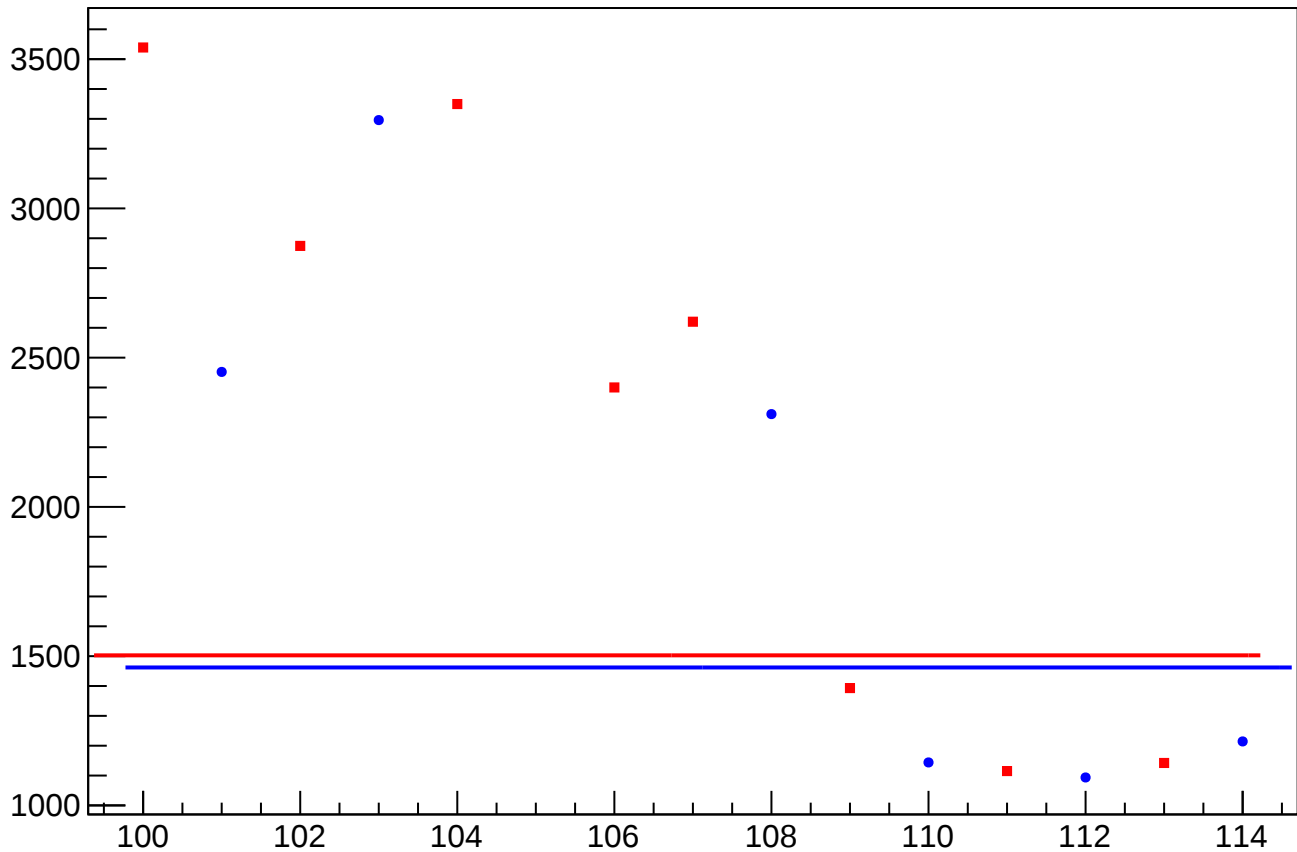
Right: 1.130+/-0.687 χ^2/NDF : 18.1/13

In: 0.316+/-1.020 χ^2/NDF : 10.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.130+/-0.687 χ^2/NDF : 18.1/13

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 1462.097+/-0.721 χ^2/NDF : 812257.5/5

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

Right Out: 1502.725+/-0.658 χ^2/NDF : 1002768.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

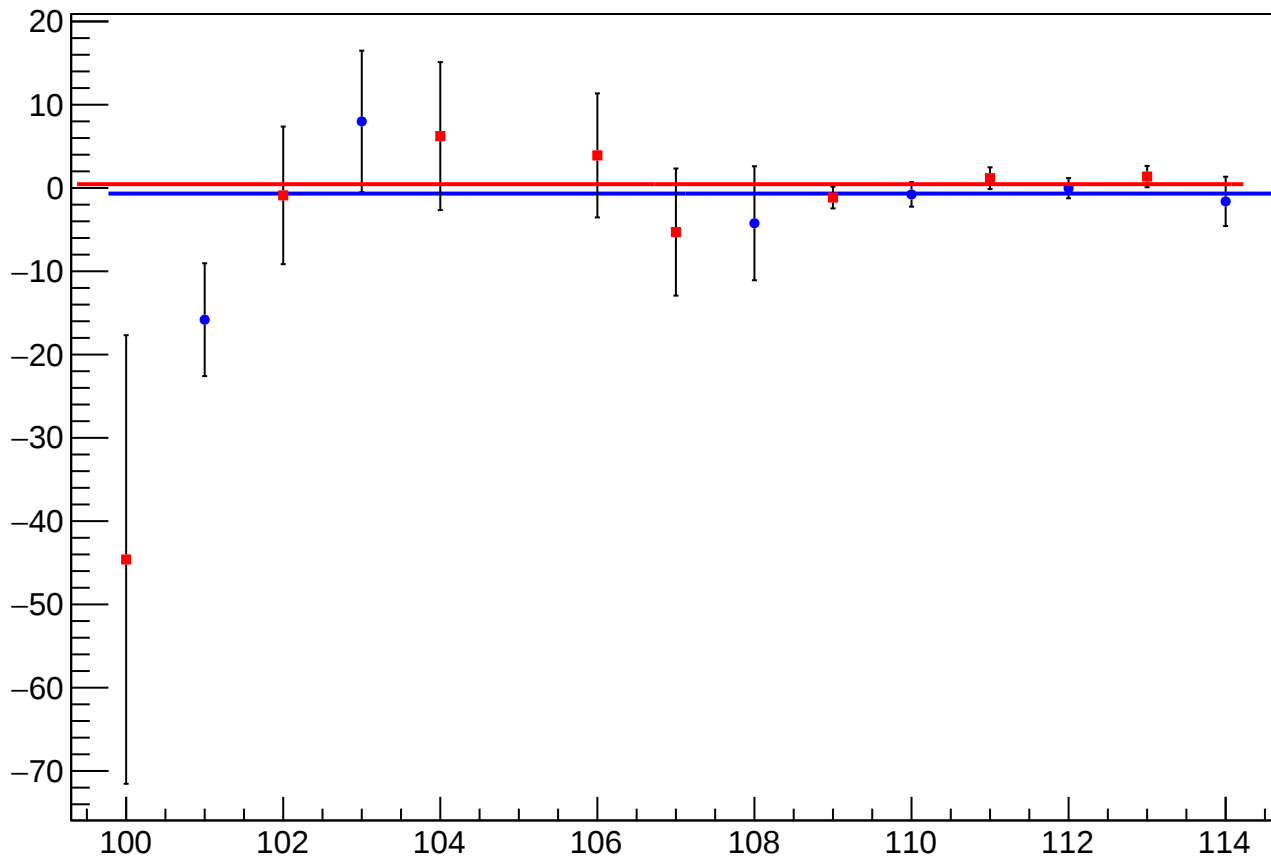
Right: 1484.286+/-0.486 χ^2/NDF : 1816757.8/13

In: 1462.097+/-0.721 χ^2/NDF : 812257.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1484.286+/-0.486 χ^2/NDF : 1816757.8/13

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.669 ± 0.873 χ^2/NDF : 6.7/5

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

Right Out: 0.458 ± 0.736 χ^2/NDF : 6.3/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

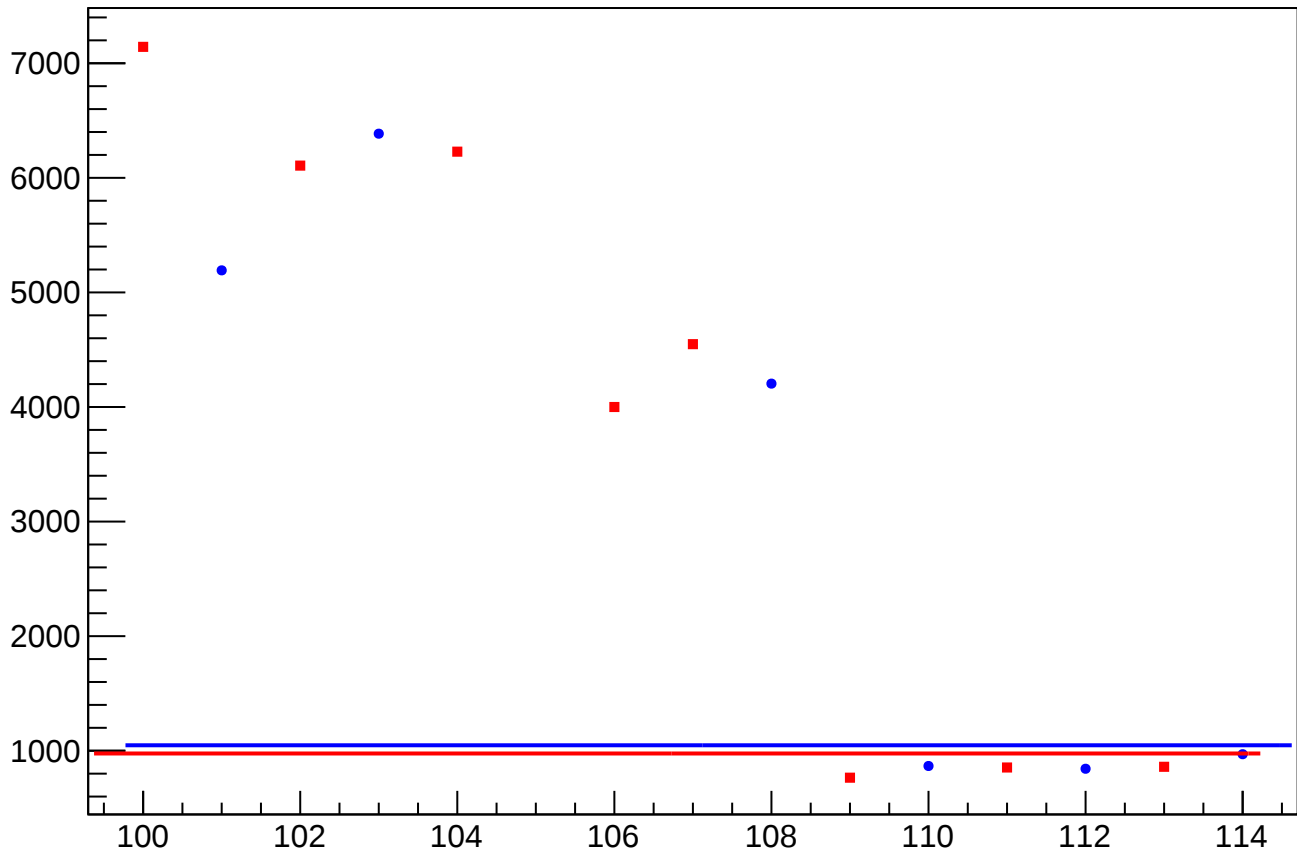
Right: -0.011 ± 0.563 χ^2/NDF : 14.0/13

In: -0.669 ± 0.873 χ^2/NDF : 6.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.563 χ^2/NDF : 14.0/13

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 1047.640+/-0.617 χ^2/NDF : 2052511.2/5

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

Right Out: 975.952+/-0.521 χ^2/NDF : 2428910.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

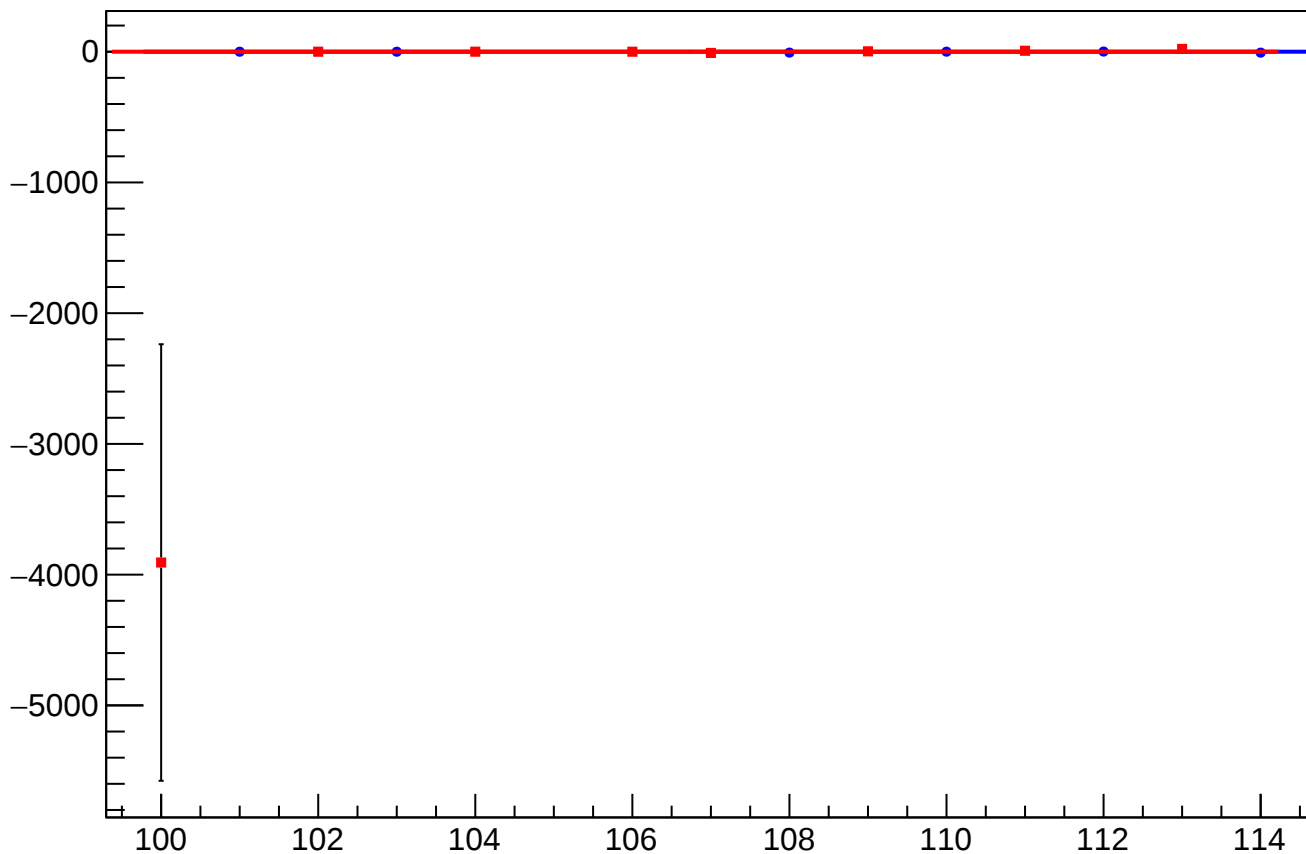
Right: 1005.755+/-0.398 χ^2/NDF : 4489306.0/13

In: 1047.640+/-0.617 χ^2/NDF : 2052511.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1005.755+/-0.398 χ^2/NDF : 4489306.0/13

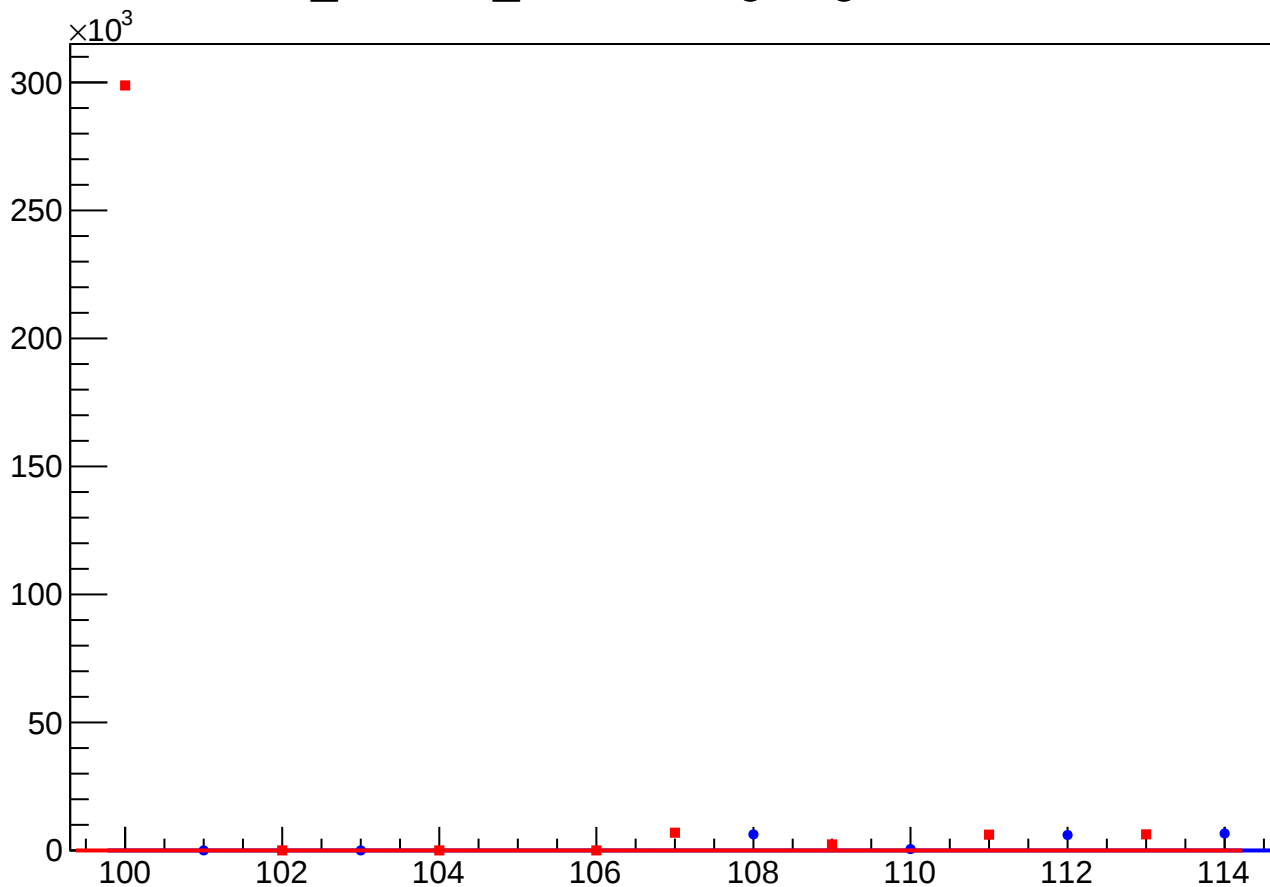
diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.021 ± 0.021 χ^2/NDF : 1.1/5
Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
Right Out: 0.027 ± 0.020 χ^2/NDF : 13.2/7
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
Right: 0.004 ± 0.014 χ^2/NDF : 17.1/13
In: -0.021 ± 0.021 χ^2/NDF : 1.1/5
Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
All: 0.004 ± 0.014 χ^2/NDF : 17.1/13

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 17.068+/-0.015 χ^2/NDF : 2166238.8/5

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

Right Out: 17.047+/-0.014 χ^2/NDF : 2999640.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

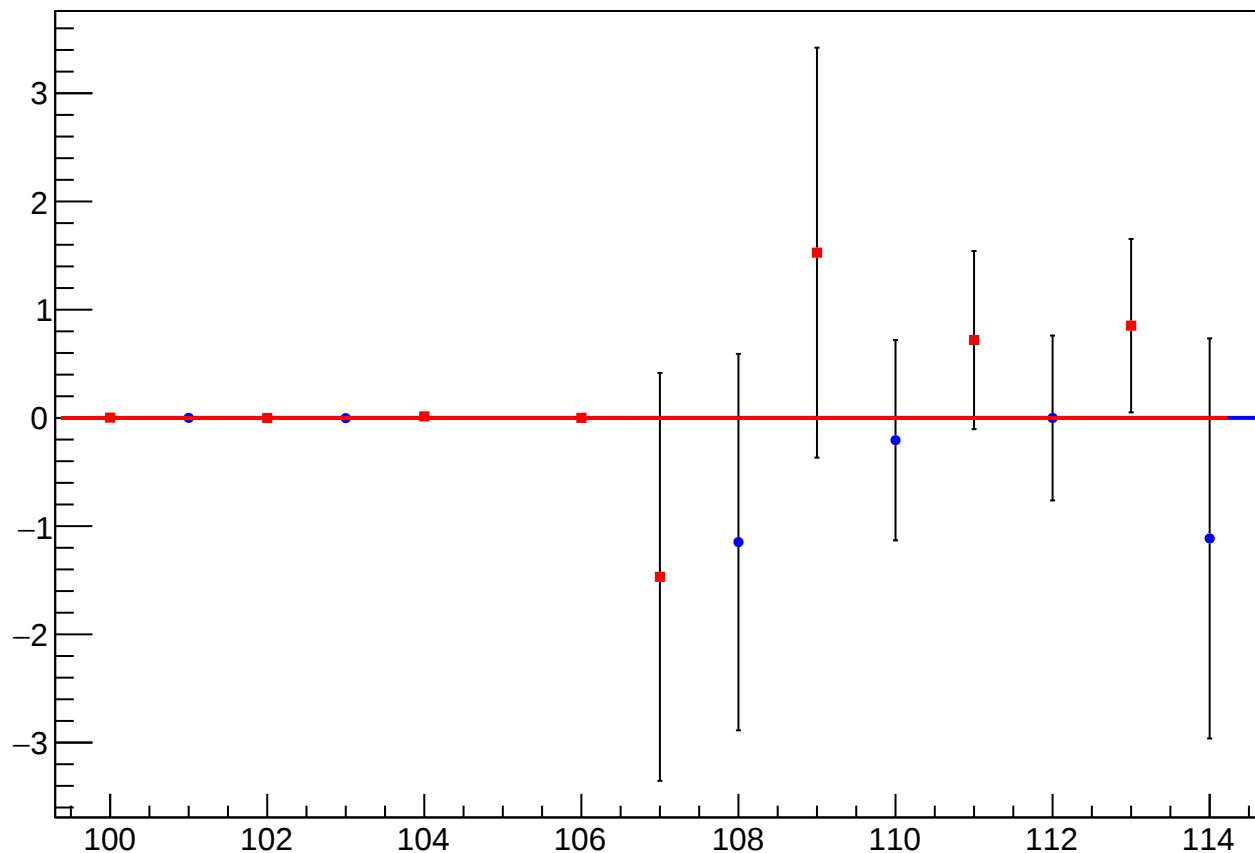
Right: 17.057+/-0.010 χ^2/NDF : 5165880.5/13

In: 17.068+/-0.015 χ^2/NDF : 2166238.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.057+/-0.010 χ^2/NDF : 5165880.5/13

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.002 χ^2 /NDF: 1.0/5

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

Right Out: -0.001 $\pm$ 0.002 χ^2 /NDF: 4.1/7

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

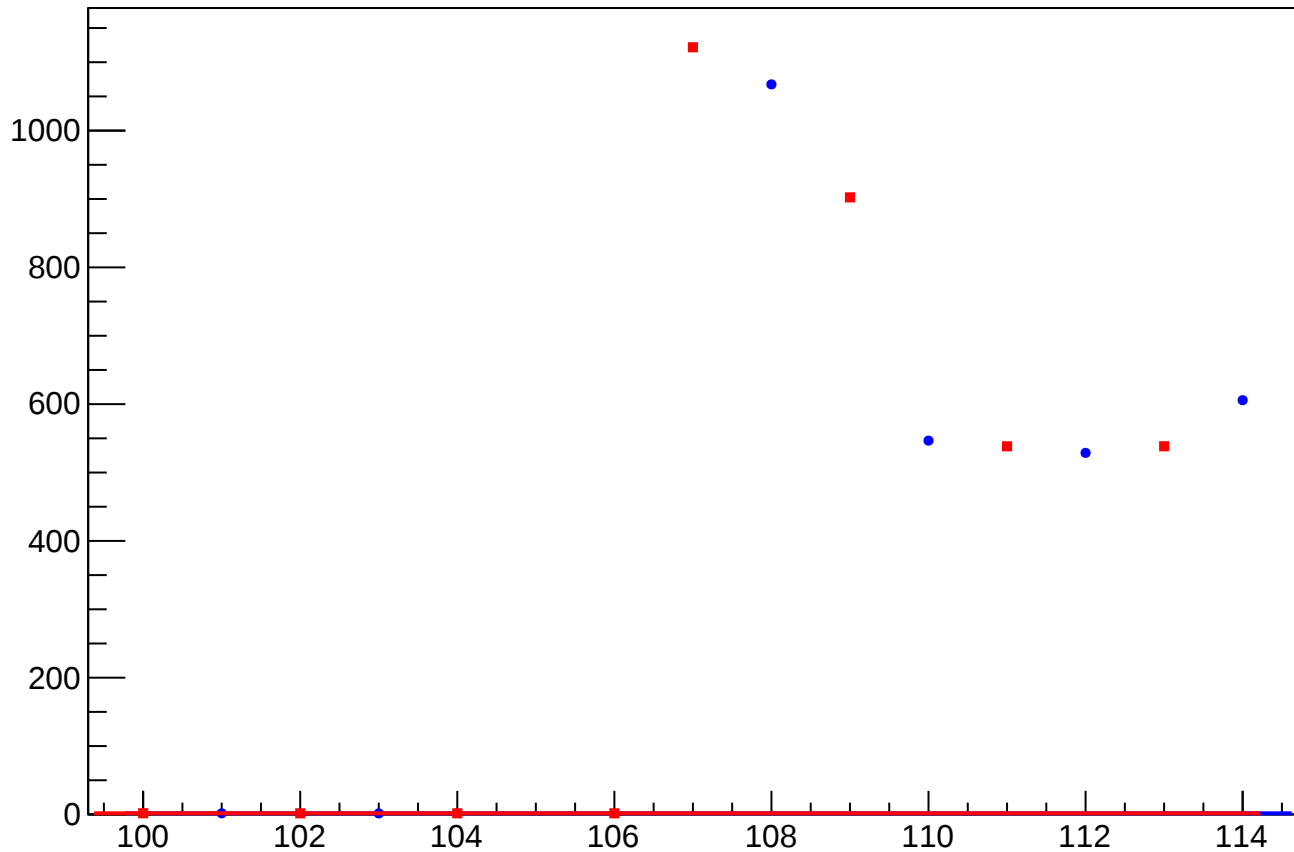
Right: -0.000 $\pm$ 0.001 χ^2 /NDF: 5.3/13

In: 0.000 $\pm$ 0.002 χ^2 /NDF:1.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.001 χ^2 /NDF: 5.3/13

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 1.653+/-0.001 χ^2/NDF : 2616096.5/5

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

Right Out: 1.688+/-0.001 χ^2/NDF : 2906573.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

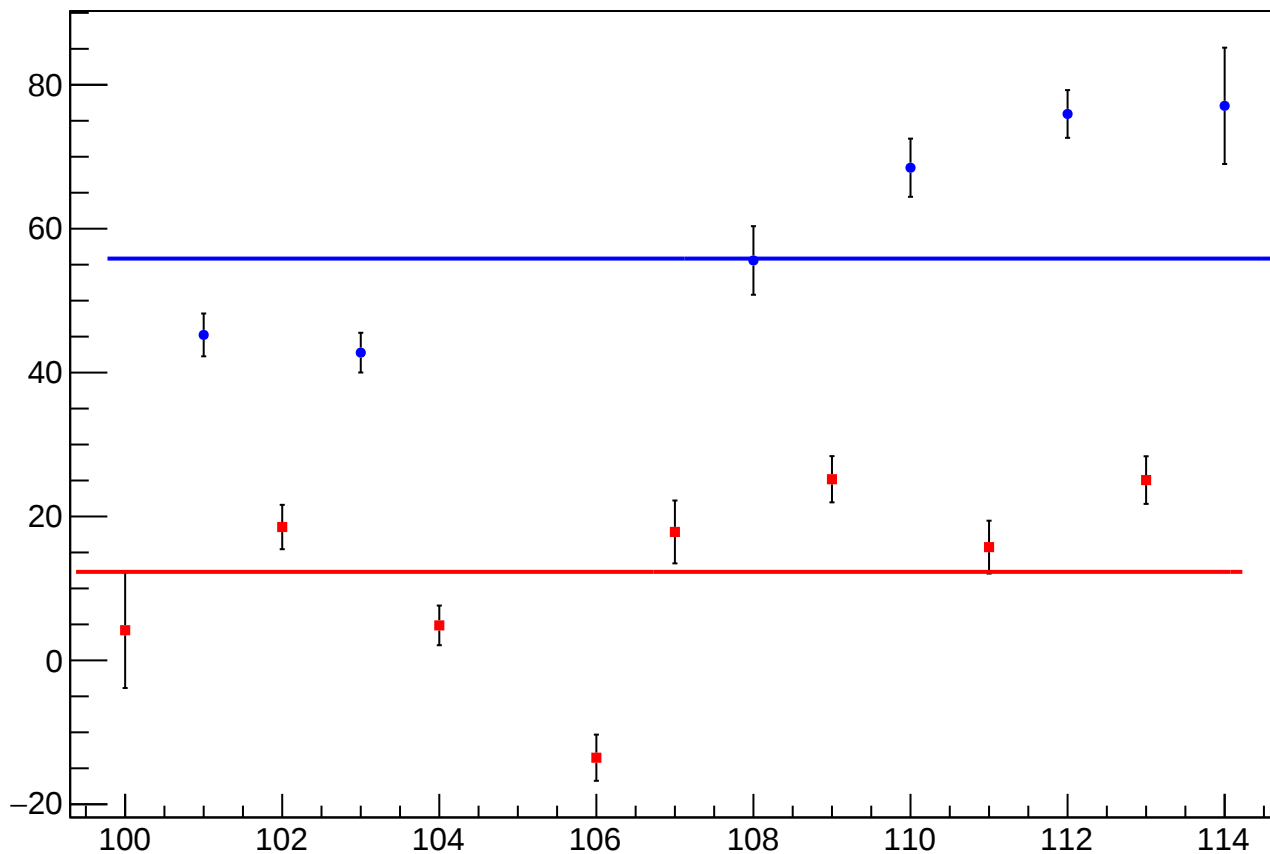
Right: 1.671+/-0.001 χ^2/NDF : 5522975.9/13

In: 1.653+/-0.001 χ^2/NDF : 2616096.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.671+/-0.001 χ^2/NDF : 5522975.9/13

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 55.845 $\pm$ 1.482 χ^2 /NDF: 88.5/5

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

Right Out: 12.303 $\pm$ 1.227 χ^2 /NDF: 110.6/7

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

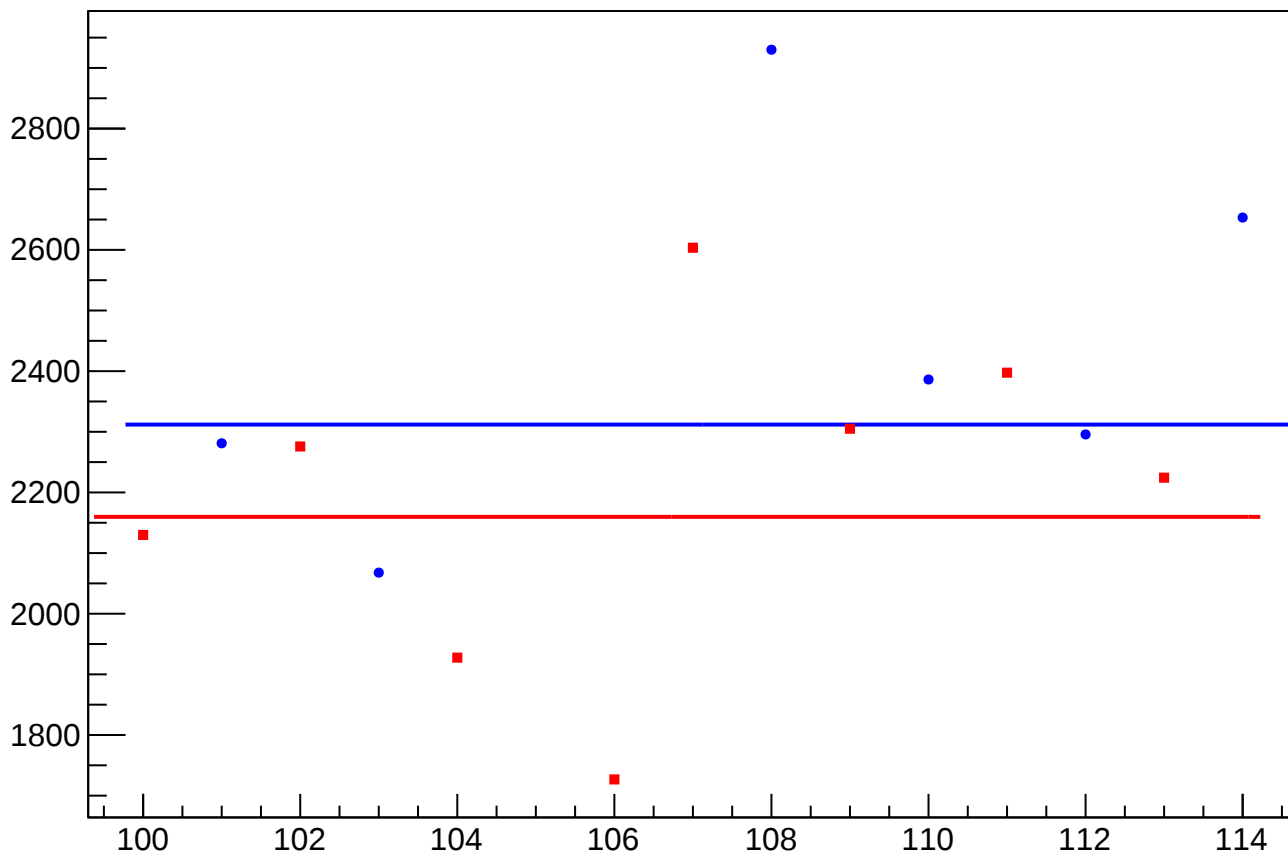
Right: 30.016 $\pm$ 0.945 χ^2 /NDF: 711.4/13

In: 55.845 $\pm$ 1.482 χ^2 /NDF: 88.5/5

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

All: 30.016 $\pm$ 0.945 χ^2 /NDF: 711.4/13

diff_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 2311.891+/-1.048 χ^2/NDF : 53799.0/5

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

Right Out: 2159.732+/-0.868 χ^2/NDF : 87340.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

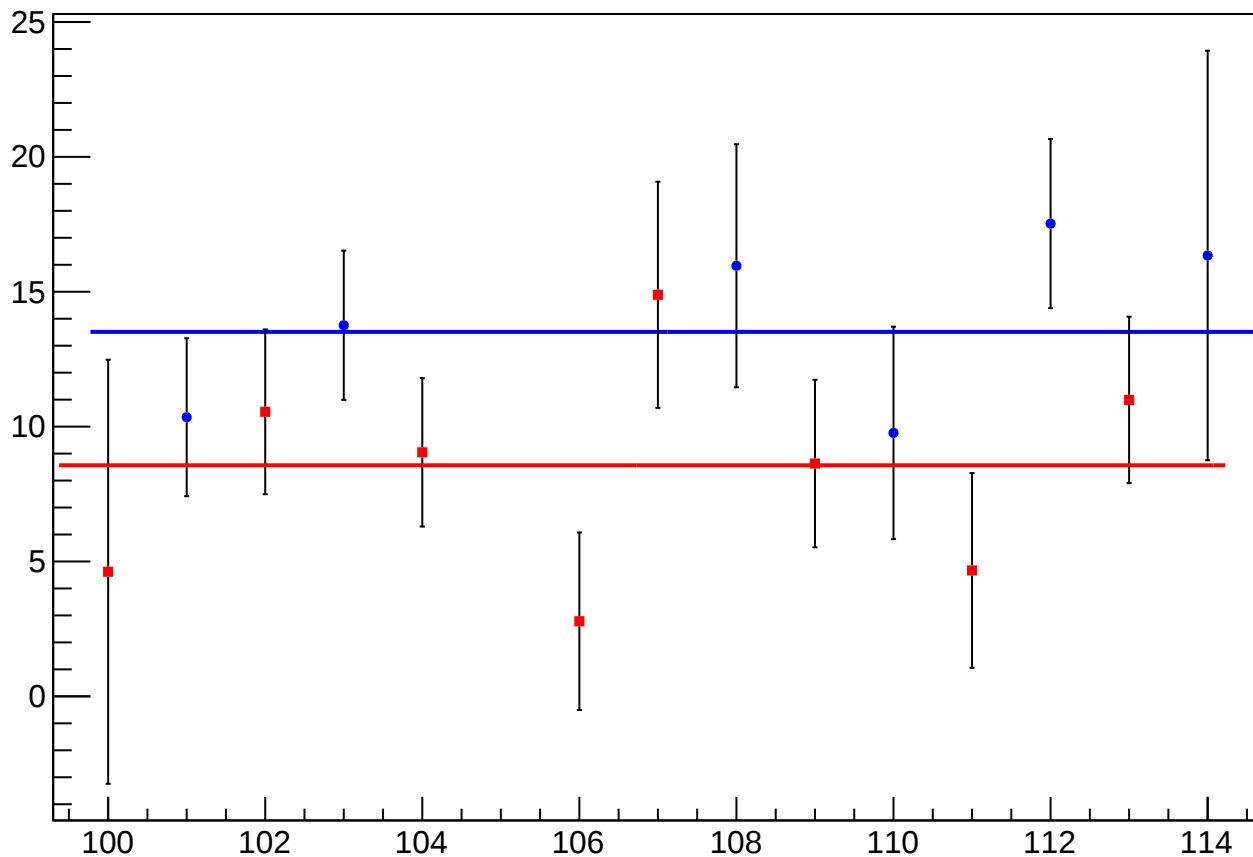
Right: 2221.631+/-0.668 χ^2/NDF : 153652.1/13

In: 2311.891+/-1.048 χ^2/NDF : 53799.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2221.631+/-0.668 χ^2/NDF : 153652.1/13

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 13.512 $\pm$ 1.443 χ^2 /NDF: 4.2/5

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

Right Out: 8.566 $\pm$ 1.204 χ^2 /NDF: 7.8/7

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

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

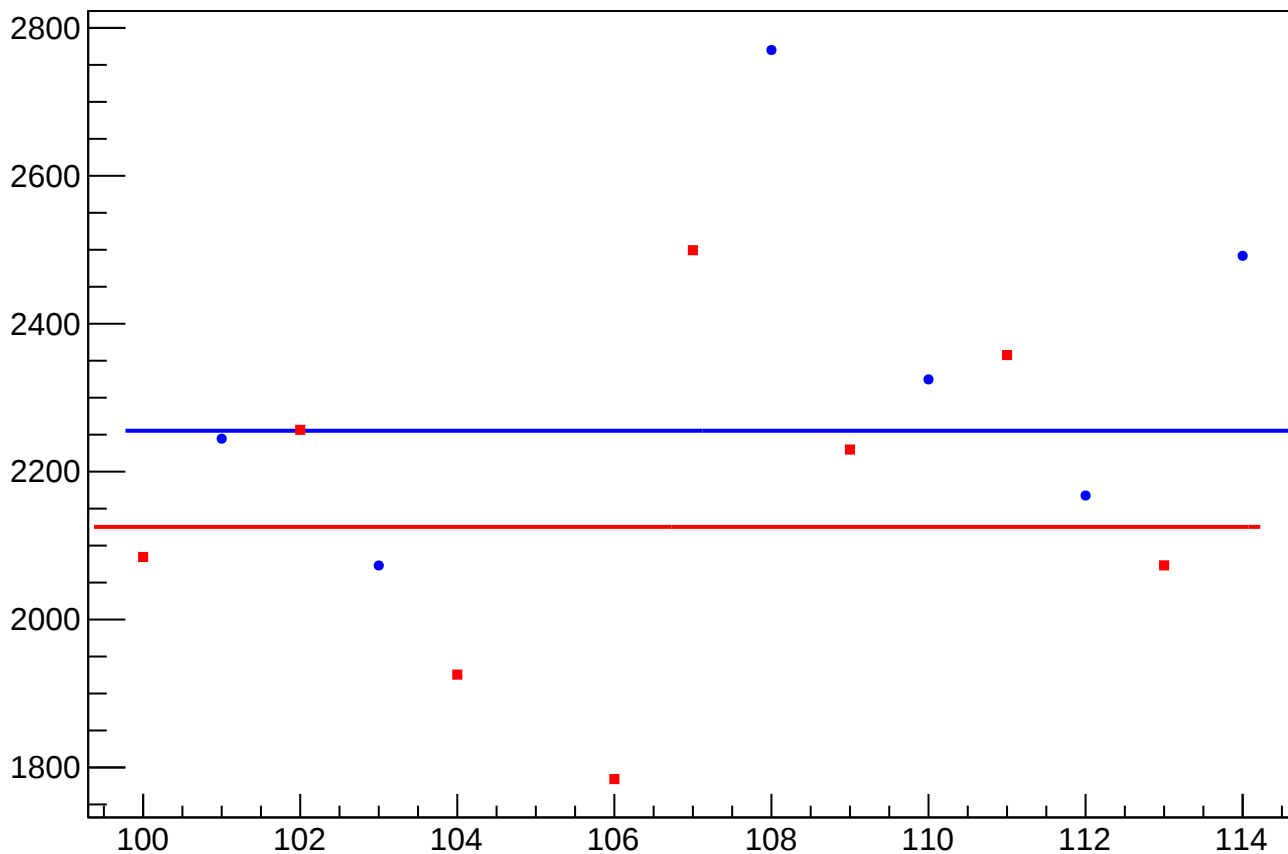
Right: 10.595 $\pm$ 0.924 χ^2 /NDF: 18.9/13

In: 13.512 $\pm$ 1.443 χ^2 /NDF: 4.2/5

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

All: 10.595 $\pm$ 0.924 χ^2 /NDF: 18.9/13

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2255.303+/-1.021 χ^2/NDF : 38935.4/5

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

Right Out: 2125.328+/-0.851 χ^2/NDF : 62797.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

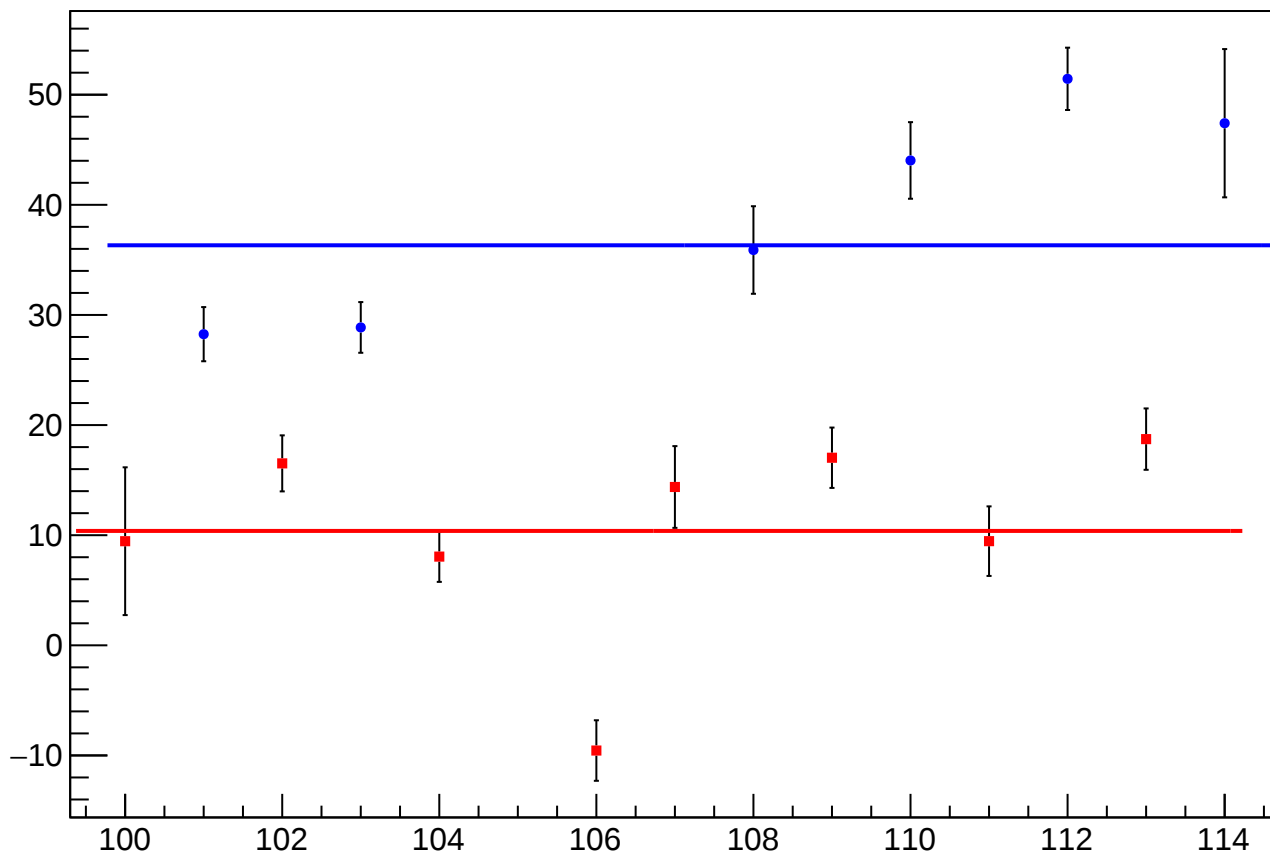
Right: 2178.649+/-0.654 χ^2/NDF : 111297.7/13

In: 2255.303+/-1.021 χ^2/NDF : 38935.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2178.649+/-0.654 χ^2/NDF : 111297.7/13

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 36.326 $\pm$ 1.243 χ^2 /NDF: 57.4/5

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

Right Out: 10.388 $\pm$ 1.035 χ^2 /NDF: 75.6/7

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

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

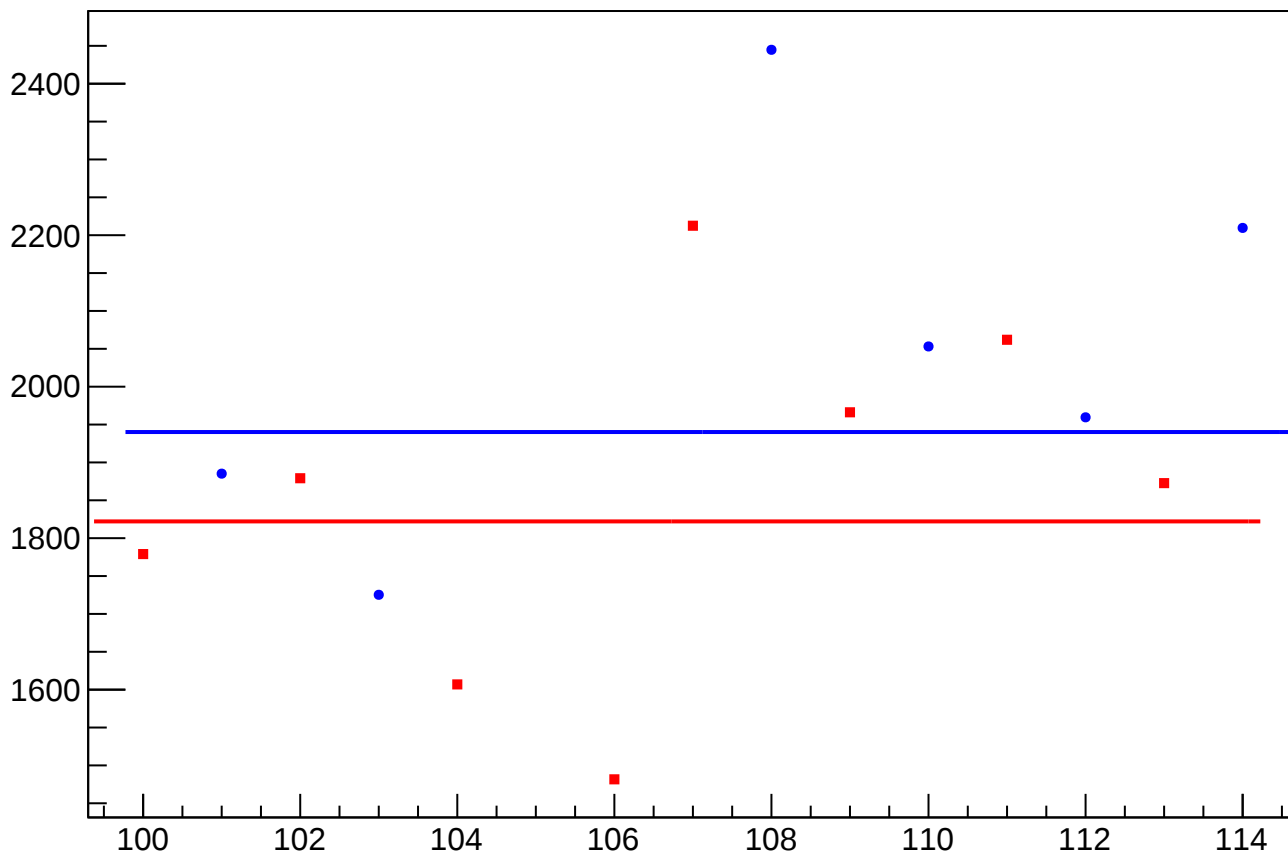
Right: 21.004 $\pm$ 0.795 χ^2 /NDF: 390.1/13

In: 36.326 $\pm$ 1.243 χ^2 /NDF: 57.4/5

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

All: 21.004 $\pm$ 0.795 χ^2 /NDF: 390.1/13

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1940.138 $\pm$ 0.879 χ^2/NDF : 56049.7/5

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

Right Out: 1822.134 $\pm$ 0.732 χ^2/NDF : 89197.8/7

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

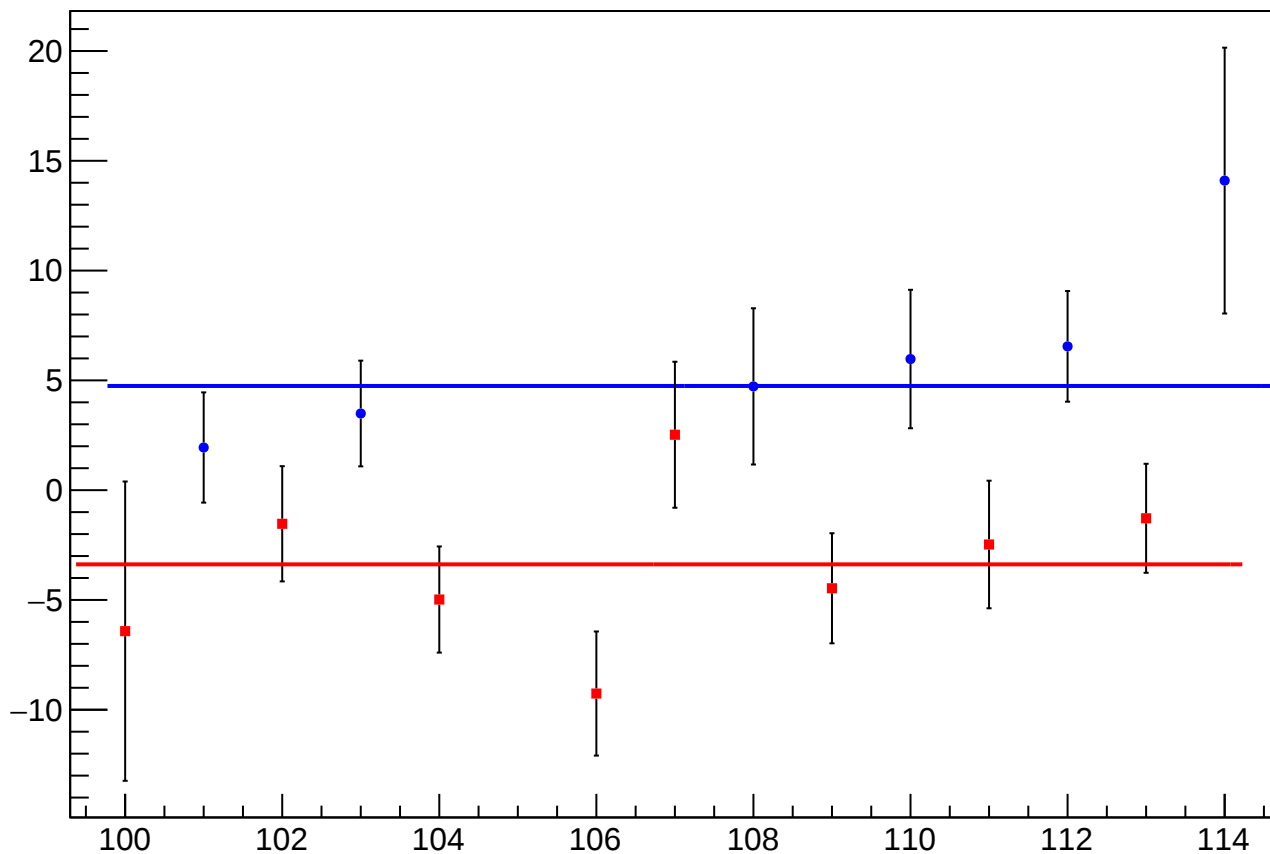
Right: 1870.431 $\pm$ 0.562 χ^2/NDF : 155889.7/13

In: 1940.138 $\pm$ 0.879 χ^2/NDF : 56049.7/5

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

All: 1870.431 $\pm$ 0.562 χ^2/NDF : 155889.7/13

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 4.745+/-1.199 χ^2/NDF : 4.6/5

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

Right Out: -3.379+/-1.003 χ^2/NDF : 9.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

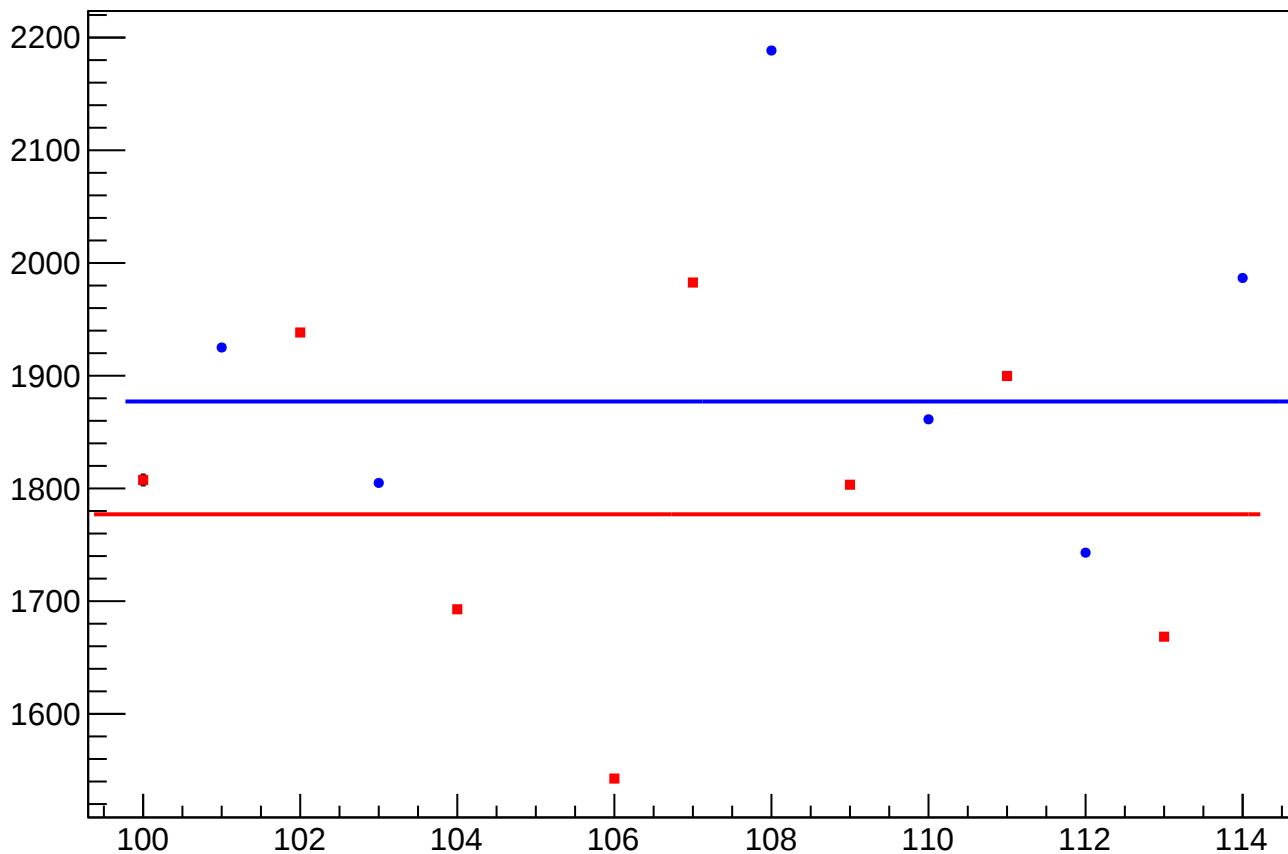
Right: -0.033+/-0.769 χ^2/NDF : 41.2/13

In: 4.745+/-1.199 χ^2/NDF : 4.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.033+/-0.769 χ^2/NDF : 41.2/13

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1877.150+/-0.848 χ^2/NDF : 24217.4/5

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

Right Out: 1777.073+/-0.709 χ^2/NDF : 39051.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

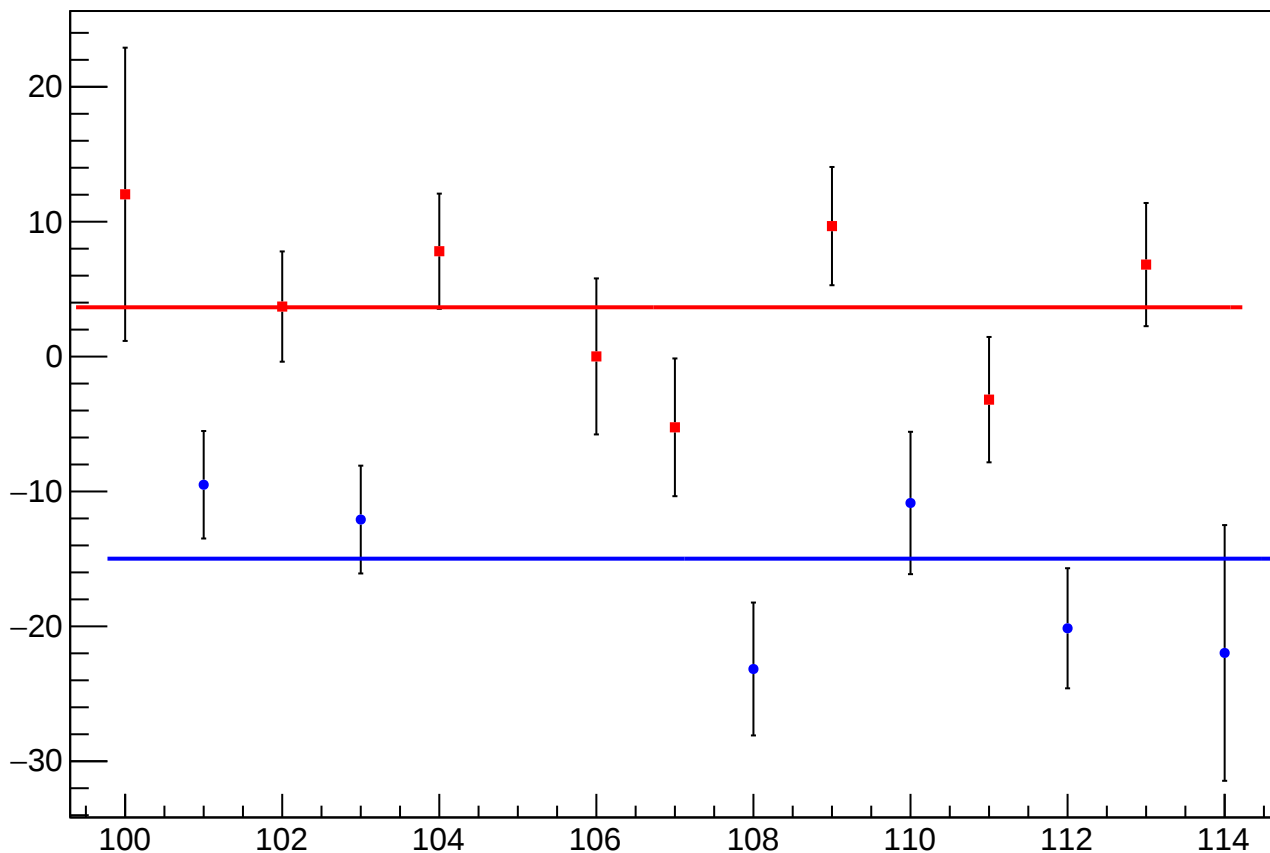
Right: 1818.285+/-0.544 χ^2/NDF : 71464.8/13

In: 1877.150+/-0.848 χ^2/NDF : 24217.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1818.285+/-0.544 χ^2/NDF : 71464.8/13

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -14.982 ± 1.945 χ^2/NDF : 7.7/5

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

Right Out: 3.655 ± 1.721 χ^2/NDF : 9.5/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

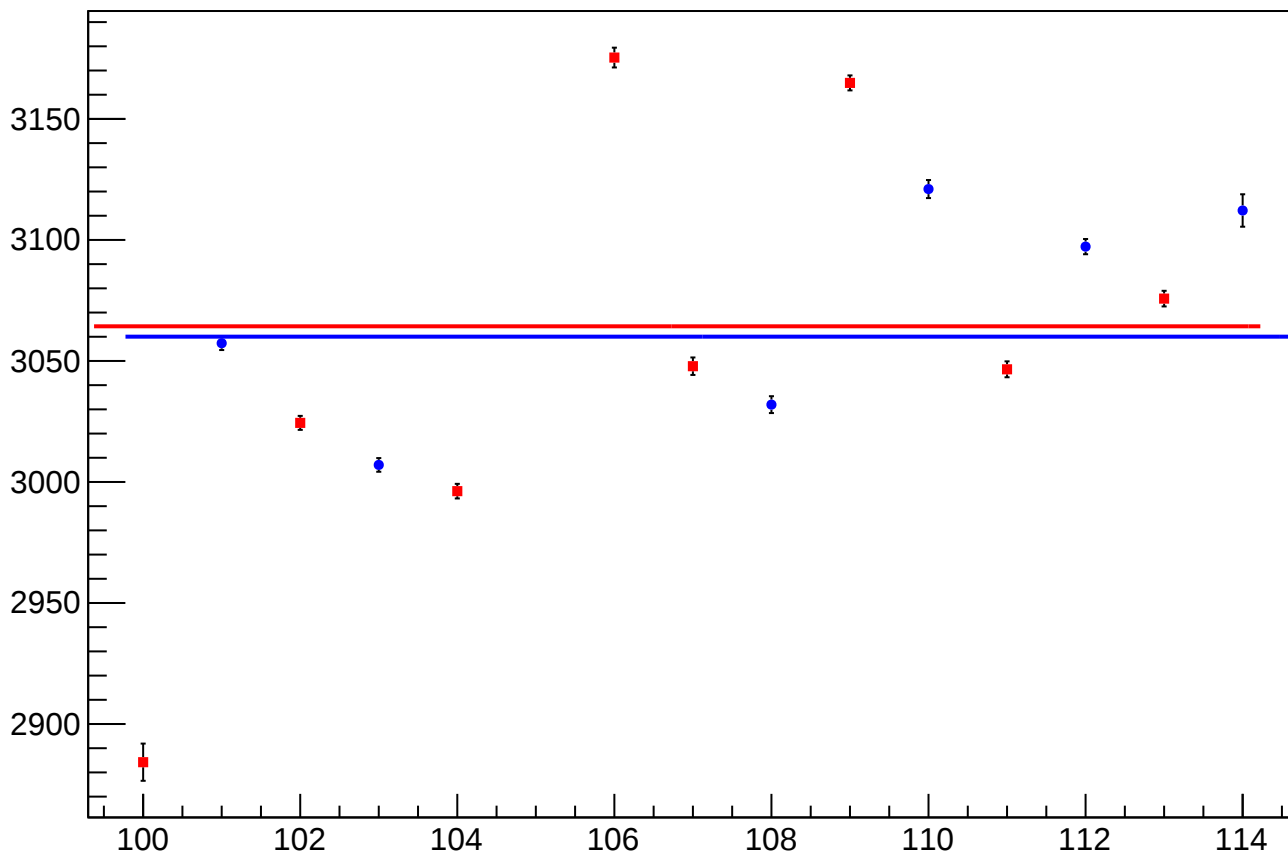
Right: -4.528 ± 1.289 χ^2/NDF : 68.7/13

In: -14.982 ± 1.945 χ^2/NDF : 7.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.528 ± 1.289 χ^2/NDF : 68.7/13

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3060.041+/-1.375 χ^2 /NDF: 884.9/5

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

Right Out: 3064.315+/-1.217 χ^2 /NDF: 3101.1/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

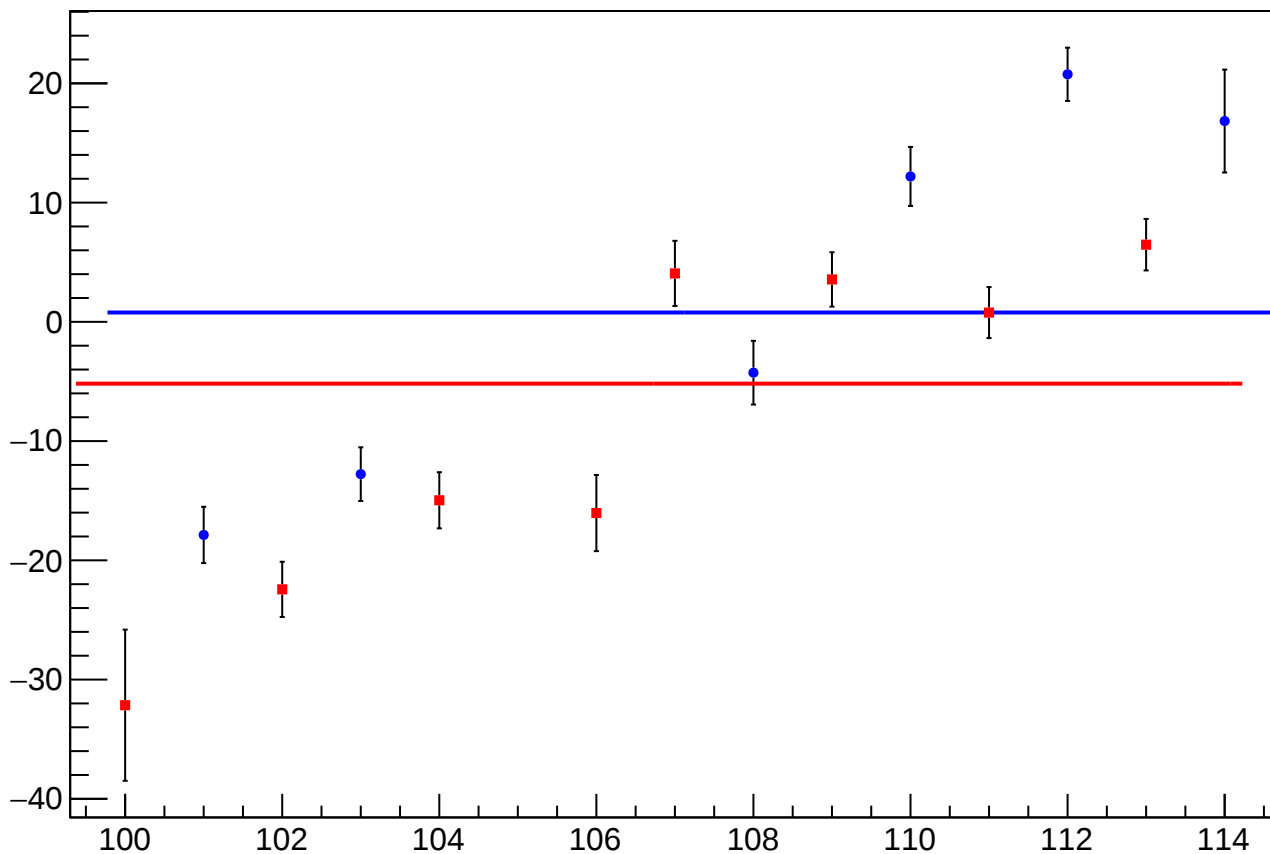
Right: 3062.439+/-0.911 χ^2 /NDF: 3991.4/13

In: 3060.041+/-1.375 χ^2 /NDF:884.9/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 3062.439+/-0.911 χ^2 /NDF: 3991.4/13

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 0.784+/-1.034 χ^2/NDF : 217.3/5

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

Right Out: -5.183+/-0.895 χ^2/NDF : 165.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

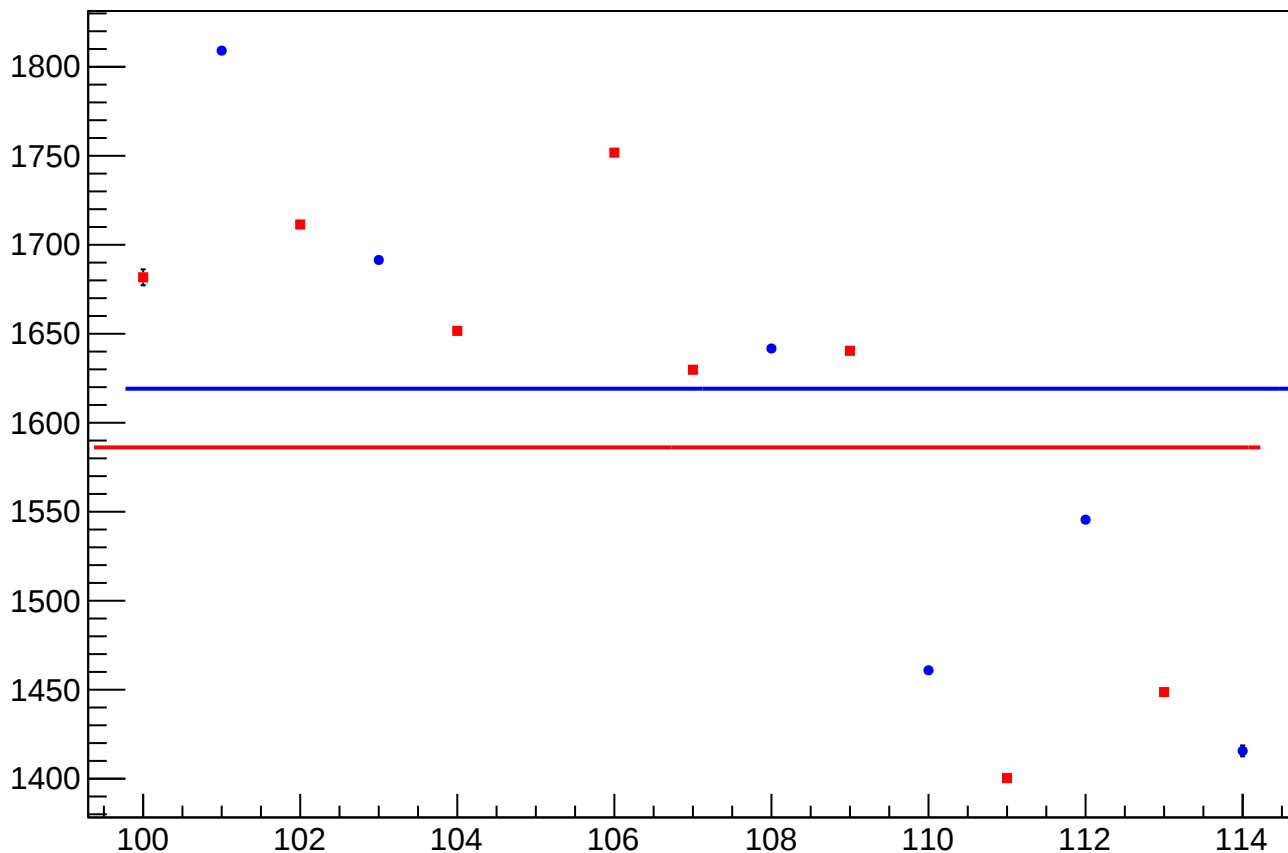
Right: -2.629+/-0.677 χ^2/NDF : 401.8/13

In: 0.784+/-1.034 χ^2/NDF : 217.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.629+/-0.677 χ^2/NDF : 401.8/13

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1619.128+/-0.731 χ^2/NDF : 29947.0/5

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

Right Out: 1586.134+/-0.633 χ^2/NDF : 38076.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

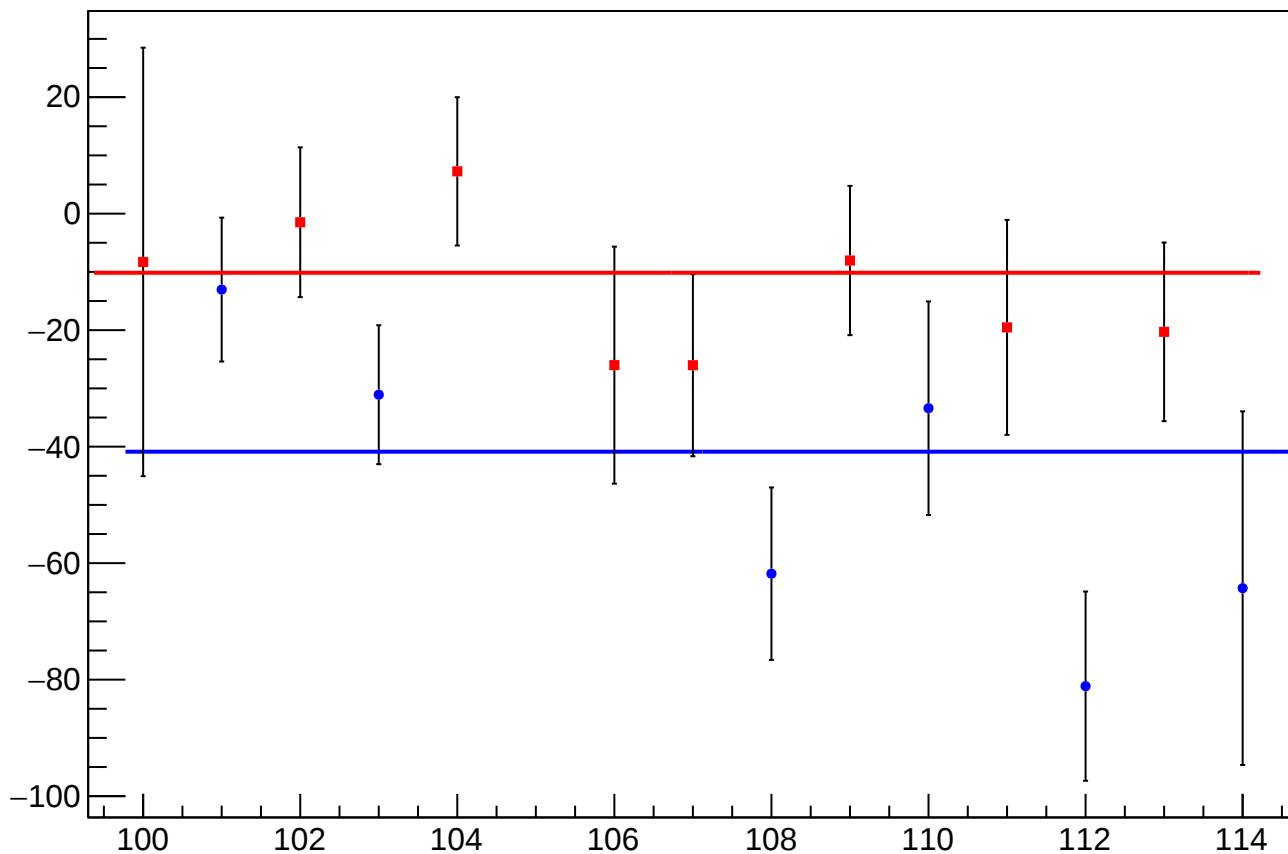
Right: 1600.257+/-0.479 χ^2/NDF : 69187.8/13

In: 1619.128+/-0.731 χ^2/NDF : 29947.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1600.257+/-0.479 χ^2/NDF : 69187.8/13

diff_bpm0l02X_mean vs Slug, Sign Corrected



Right In: -40.866+/-6.202 χ^2/NDF : 14.7/5

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

Right Out: -10.146+/-5.526 χ^2/NDF : 4.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

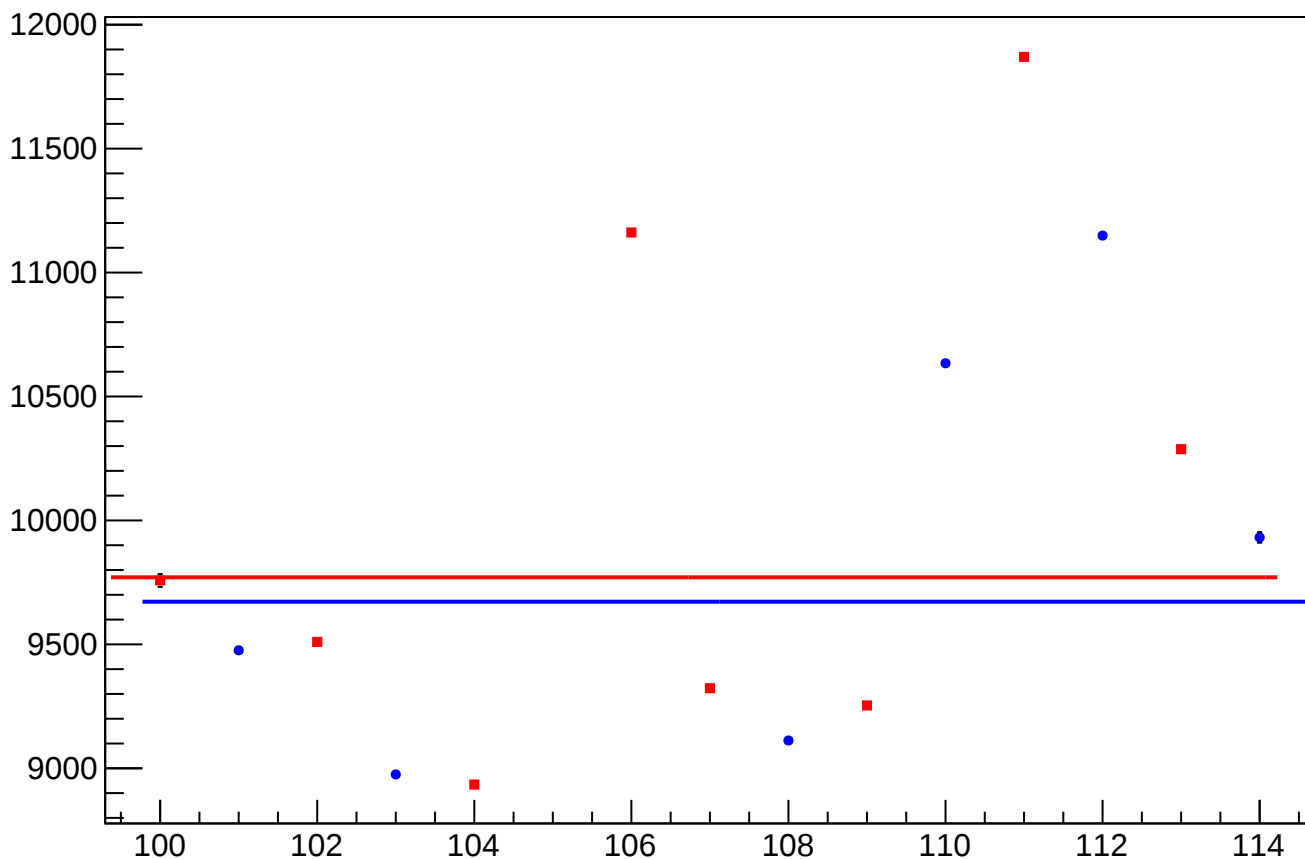
Right: -23.739+/-4.126 χ^2/NDF : 33.0/13

In: -40.866+/-6.202 χ^2/NDF : 14.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.739+/-4.126 χ^2/NDF : 33.0/13

diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9672.139+/-4.386 χ^2/NDF : 32373.6/5

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

Right Out: 9770.492+/-3.907 χ^2/NDF : 51855.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

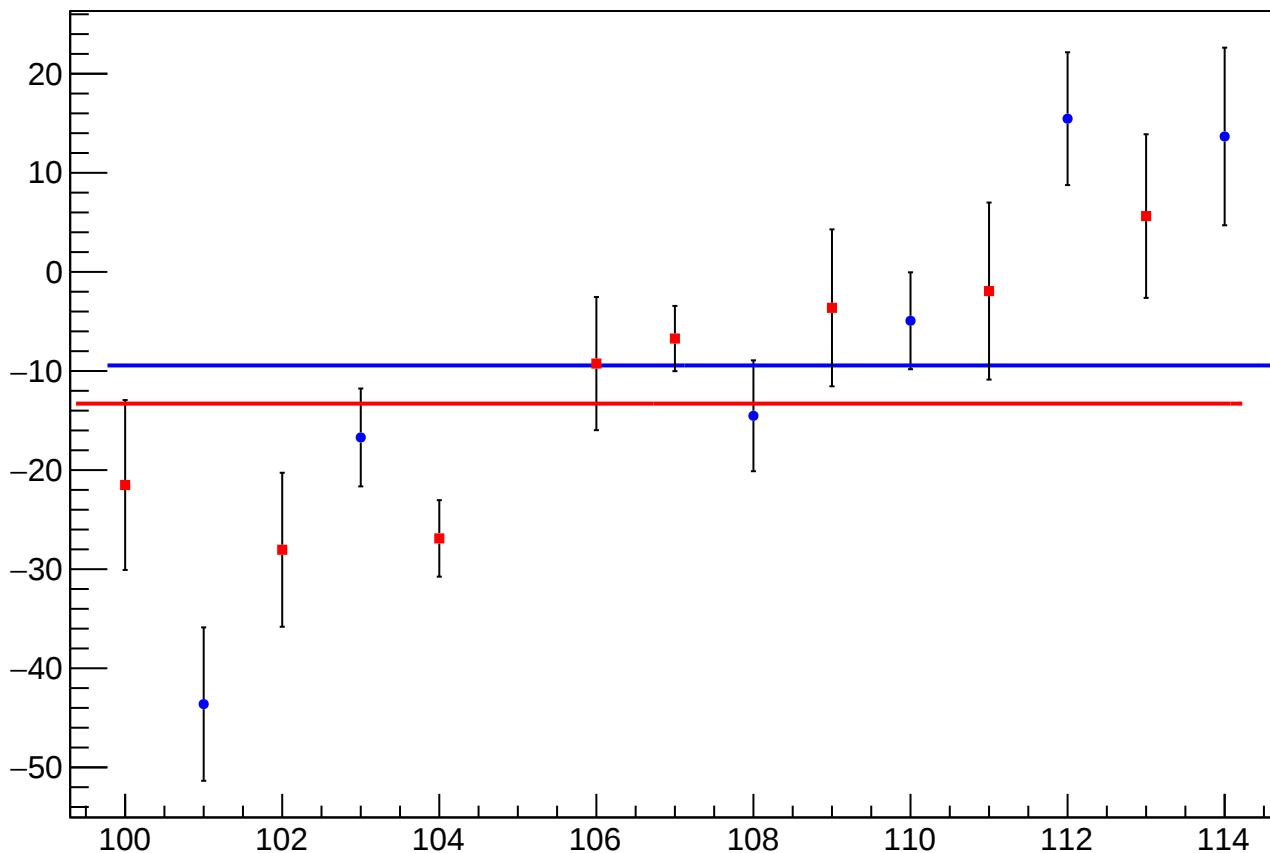
Right: 9726.970+/-2.917 χ^2/NDF : 84509.2/13

In: 9672.139+/-4.386 χ^2/NDF : 32373.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9726.970+/-2.917 χ^2/NDF : 84509.2/13

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: -9.439+/-2.453 χ^2/NDF : 43.8/5

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

Right Out: -13.290+/-1.981 χ^2/NDF : 29.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

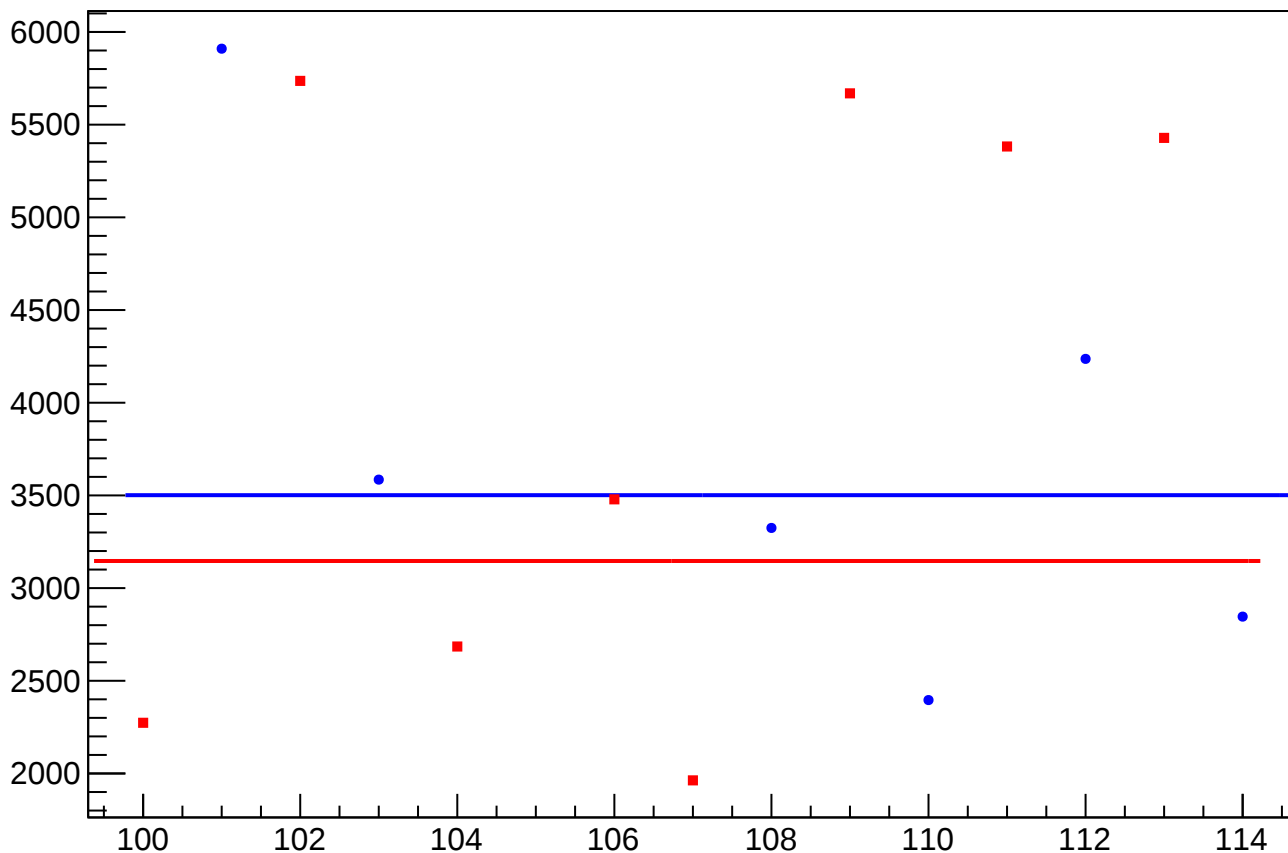
Right: -11.770+/-1.541 χ^2/NDF : 74.9/13

In: -9.439+/-2.453 χ^2/NDF : 43.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.770+/-1.541 χ^2/NDF : 74.9/13

diff_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 3501.276+/-1.735 χ^2/NDF : 333121.2/5

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

Right Out: 3146.255+/-1.401 χ^2/NDF : 1015846.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

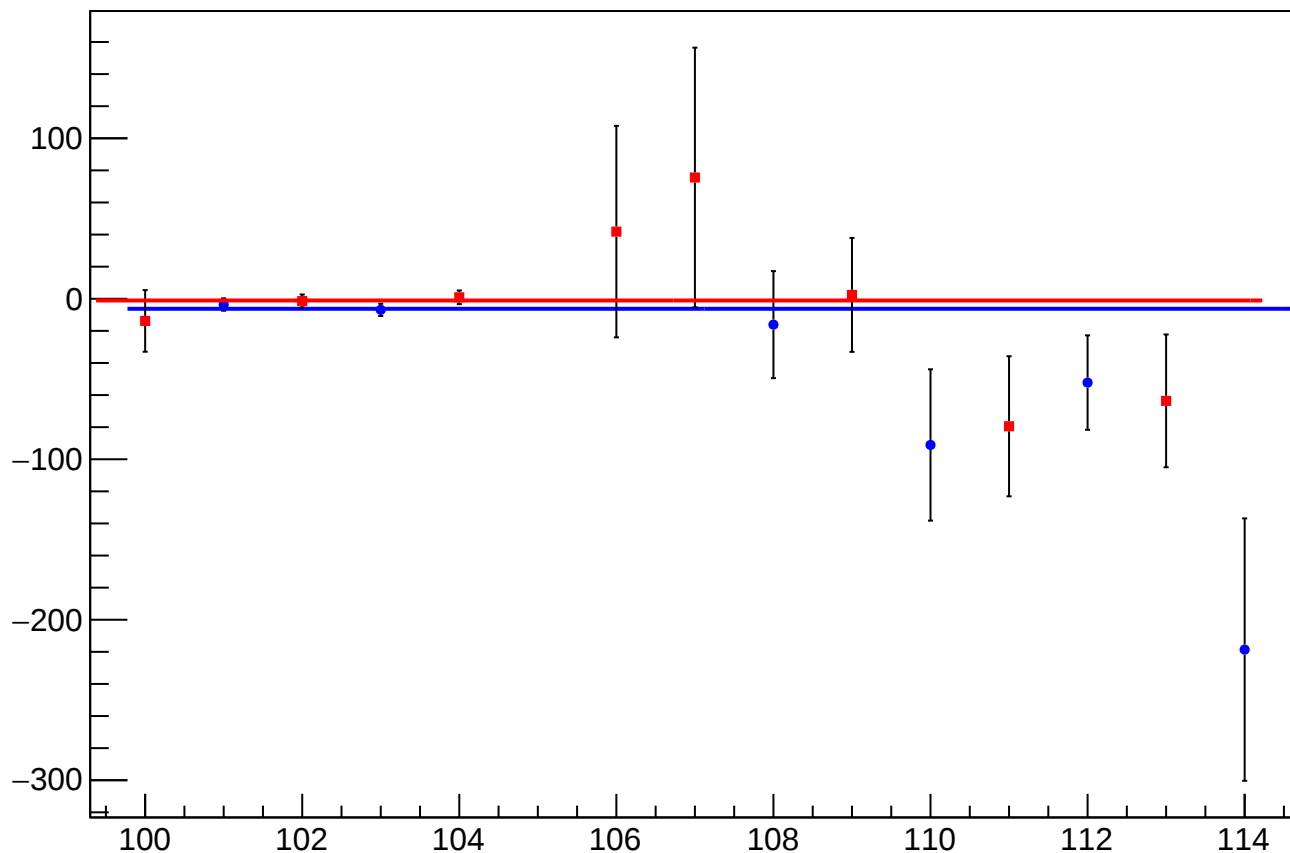
Right: 3286.398+/-1.090 χ^2/NDF : 1374323.4/13

In: 3501.276+/-1.735 χ^2/NDF : 333121.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3286.398+/-1.090 χ^2/NDF : 1374323.4/13

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -6.233+/-2.689 χ^2/NDF : 13.0/5

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

Right Out: -1.060+/-2.890 χ^2/NDF : 7.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

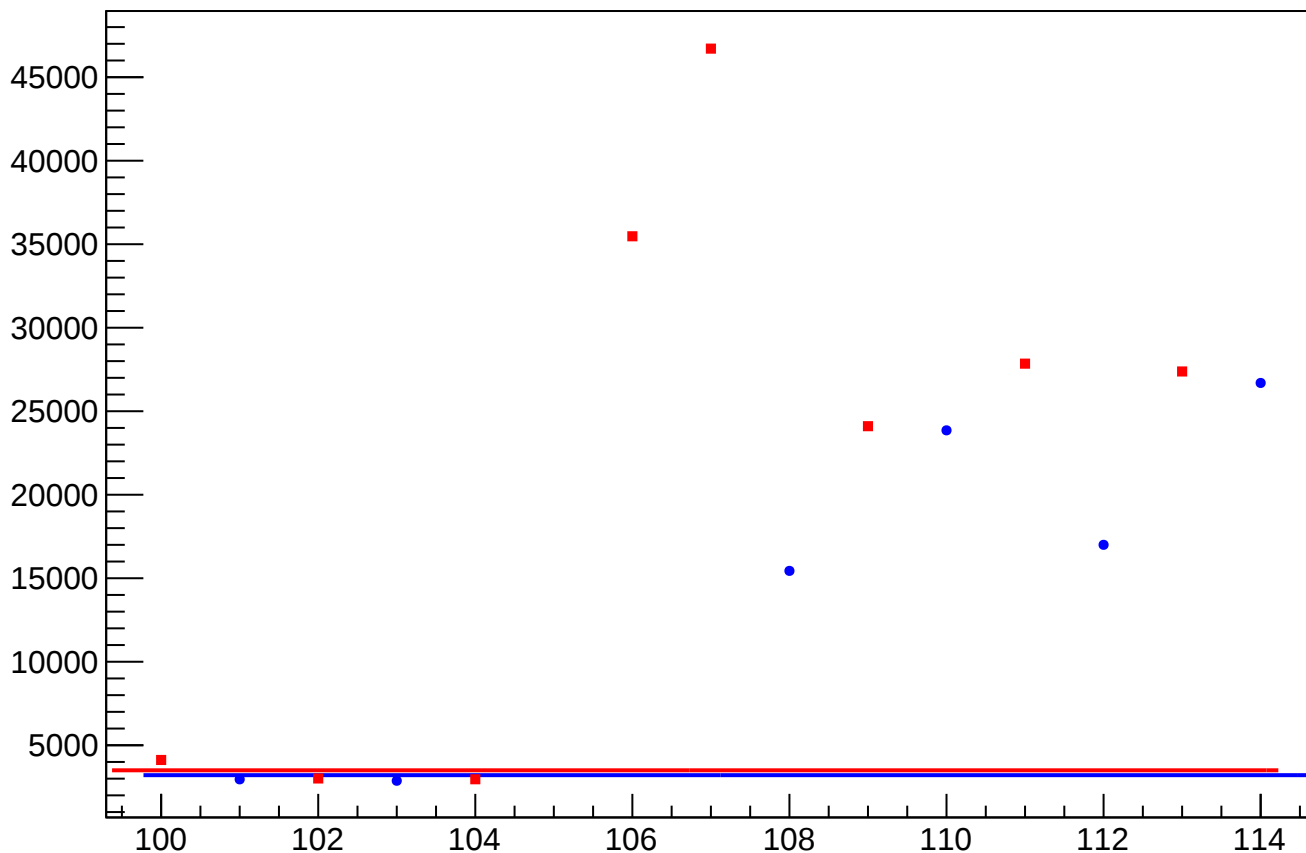
Right: -3.833+/-1.969 χ^2/NDF : 22.2/13

In: -6.233+/-2.689 χ^2/NDF : 13.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.833+/-1.969 χ^2/NDF : 22.2/13

diff_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 3208.649+/-1.901 χ^2/NDF : 1280749.5/5

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

Right Out: 3500.166+/-2.044 χ^2/NDF : 3066404.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

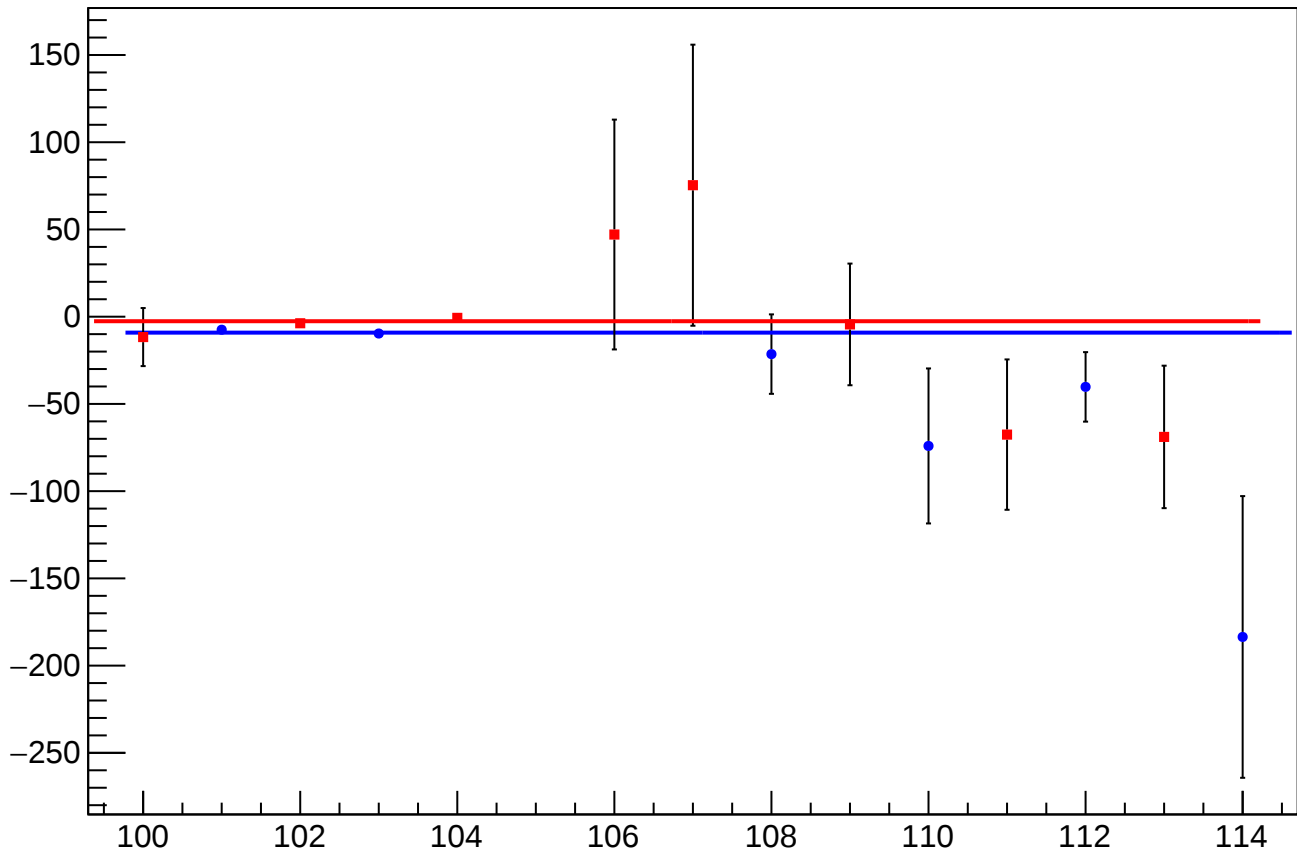
Right: 3343.903+/-1.392 χ^2/NDF : 4358061.8/13

In: 3208.649+/-1.901 χ^2/NDF : 1280749.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3343.903+/-1.392 χ^2/NDF : 4358061.8/13

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -9.137 $\pm$ 1.840 χ^2 /NDF: 10.0/5

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

Right Out: -2.595 $\pm$ 1.989 χ^2 /NDF: 7.3/7

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

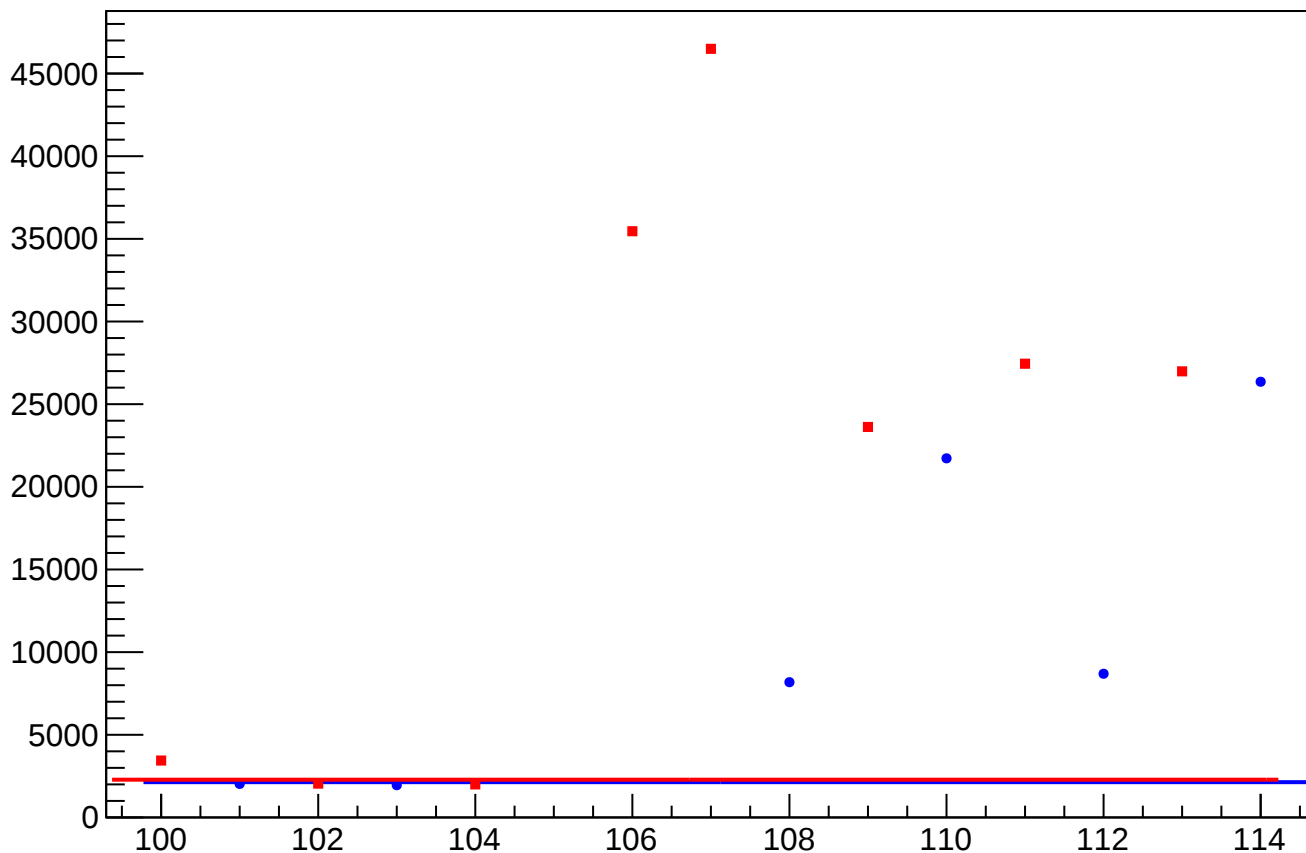
Right: -6.120 $\pm$ 1.351 χ^2 /NDF: 23.1/13

In: -9.137 $\pm$ 1.840 χ^2 /NDF:10.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -6.120 $\pm$ 1.351 χ^2 /NDF: 23.1/13

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2134.551+/-1.301 χ^2 /NDF: 939779.5/5

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

Right Out: 2284.701+/-1.407 χ^2 /NDF: 3316615.3/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

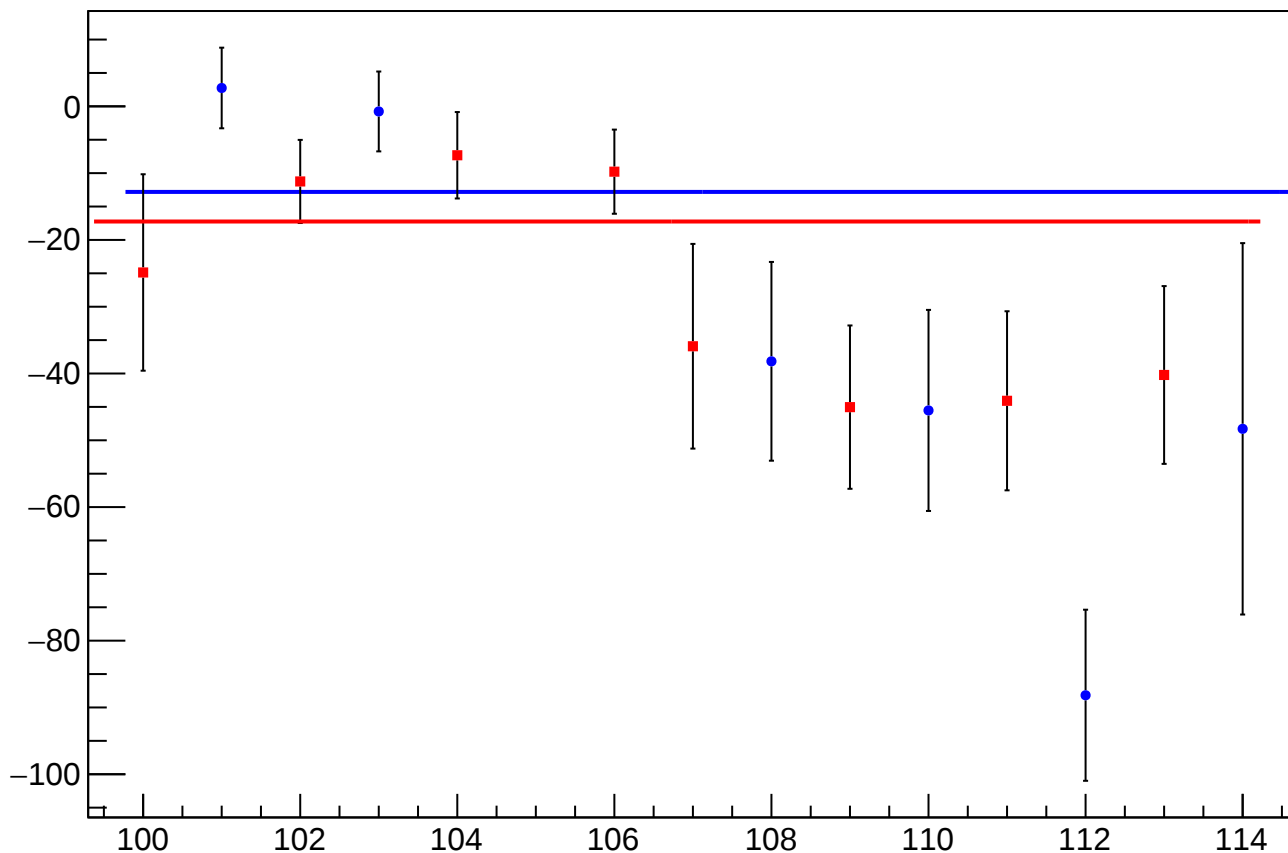
Right: 2203.795+/-0.955 χ^2 /NDF: 4262534.2/13

In: 2134.551+/-1.301 χ^2 /NDF:939779.5/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2203.795+/-0.955 χ^2 /NDF: 4262534.2/13

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -12.811+/-3.733 χ^2/NDF : 54.6/5

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

Right Out: -17.242+/-3.136 χ^2/NDF : 18.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

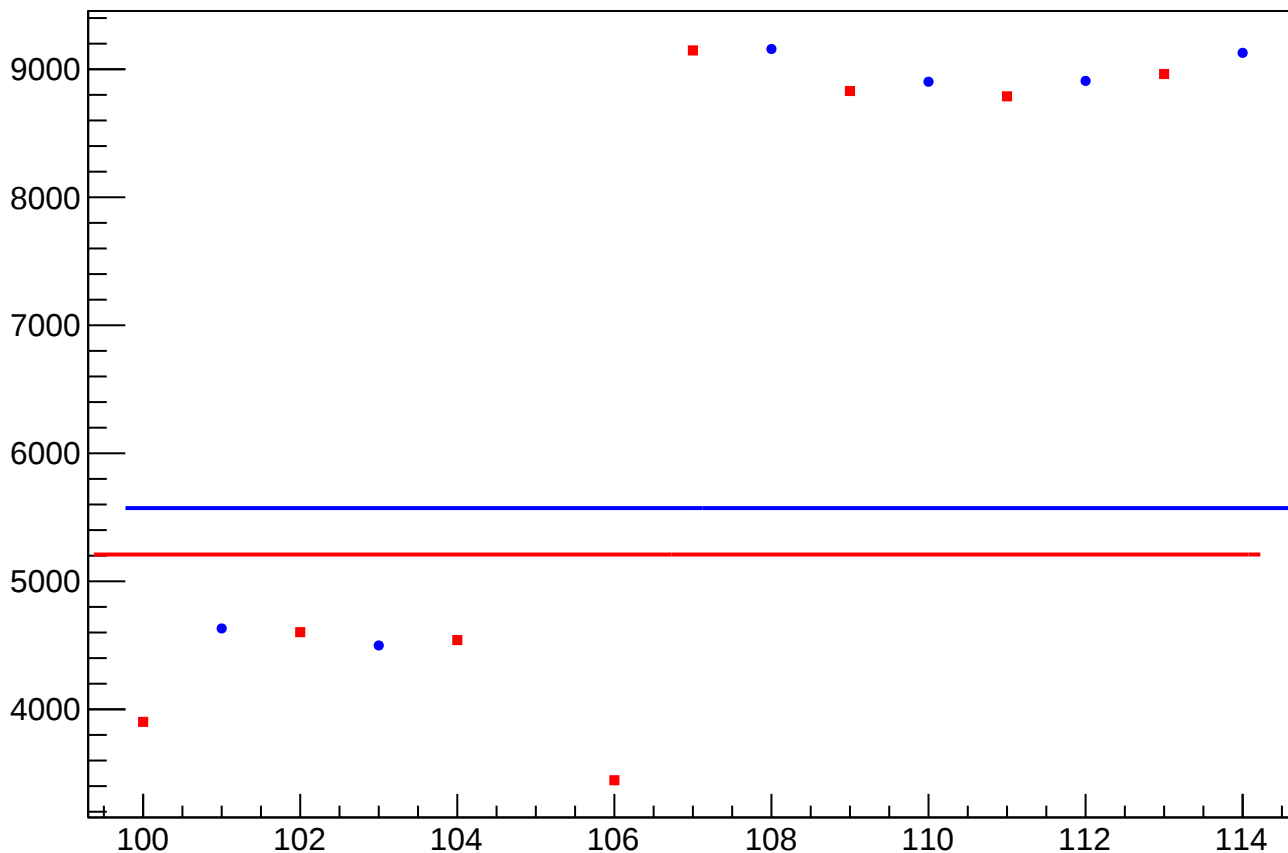
Right: -15.409+/-2.401 χ^2/NDF : 74.0/13

In: -12.811+/-3.733 χ^2/NDF : 54.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.409+/-2.401 χ^2/NDF : 74.0/13

diff_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 5572.084+/-2.640 χ^2/NDF : 495534.9/5

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

Right Out: 5209.367+/-2.217 χ^2/NDF : 821910.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

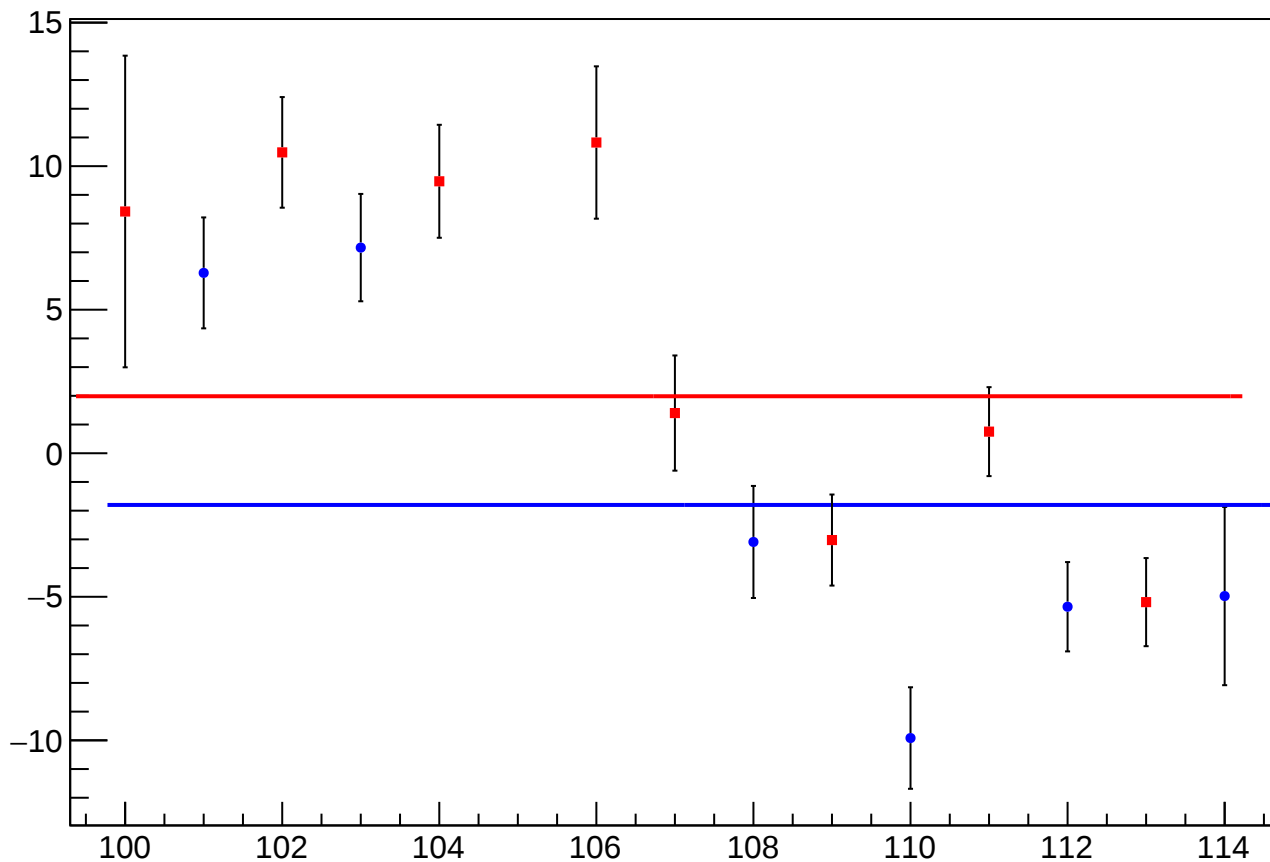
Right: 5359.409+/-1.698 χ^2/NDF : 1328514.5/13

In: 5572.084+/-2.640 χ^2/NDF : 495534.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5359.409+/-1.698 χ^2/NDF : 1328514.5/13

diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -1.801+/-0.778 χ^2/NDF : 68.2/5

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

Right Out: 1.985+/-0.676 χ^2/NDF : 78.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

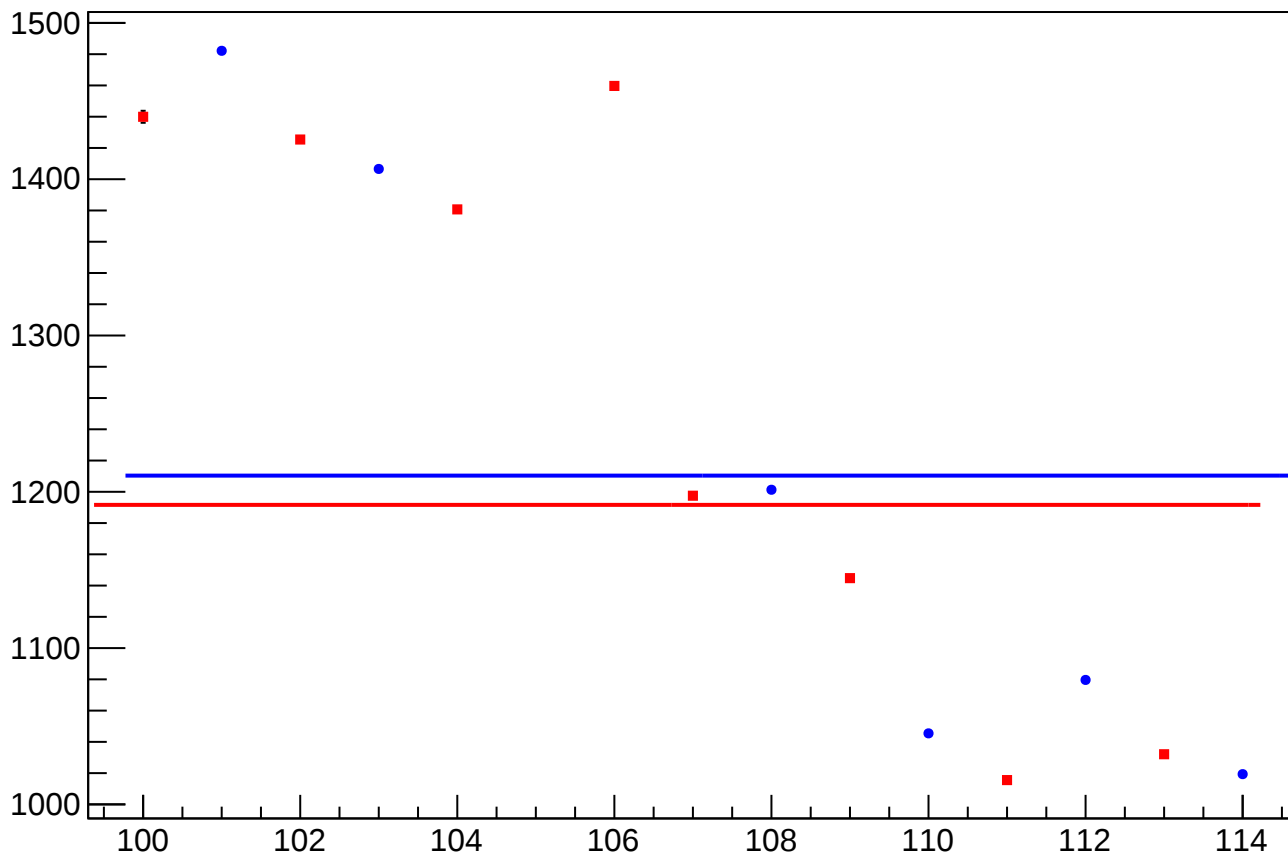
Right: 0.357+/-0.510 χ^2/NDF : 160.7/13

In: -1.801+/-0.778 χ^2/NDF :68.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.357+/-0.510 χ^2/NDF : 160.7/13

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1210.359+/-0.550 χ^2/NDF : 100728.7/5

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

Right Out: 1191.634+/-0.478 χ^2/NDF : 121707.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

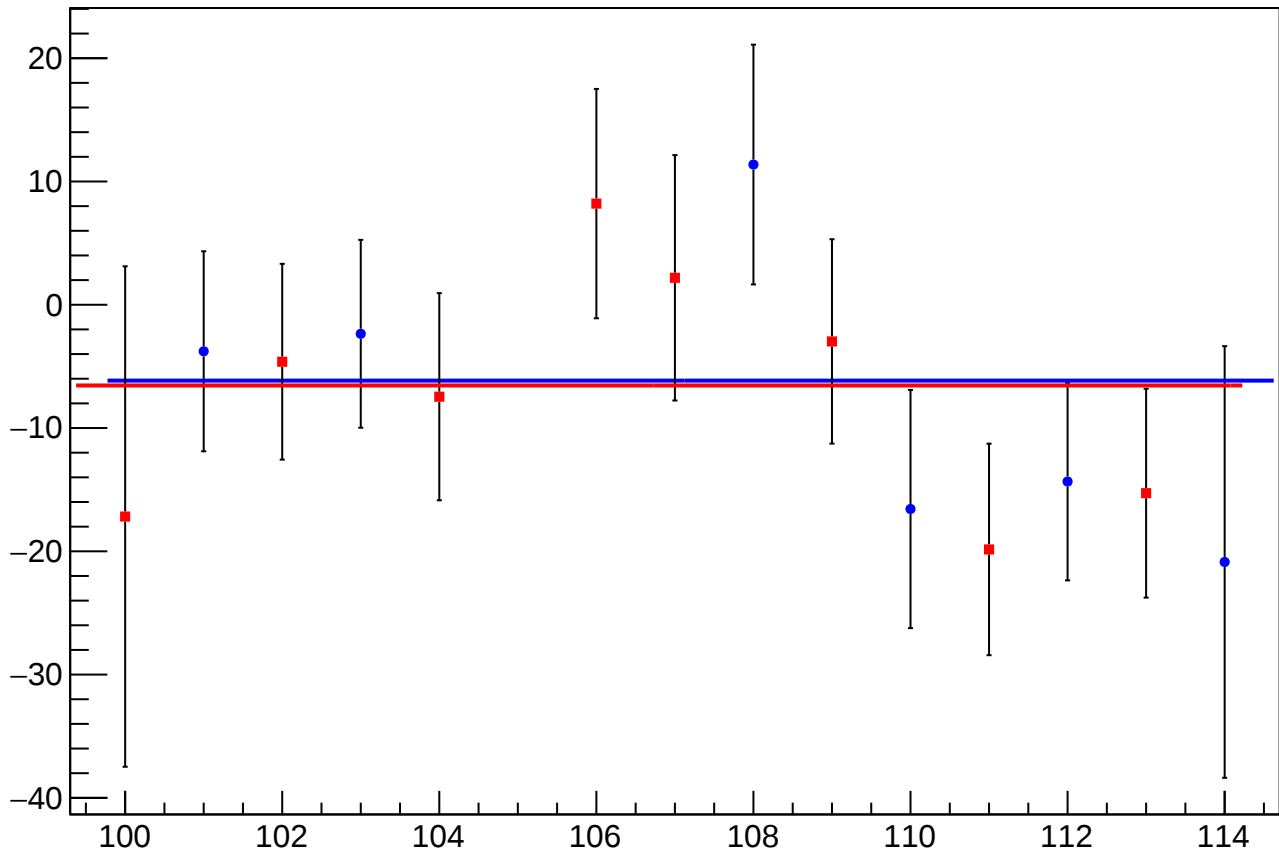
Right: 1199.687+/-0.361 χ^2/NDF : 223096.6/13

In: 1210.359+/-0.550 χ^2/NDF : 100728.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1199.687+/-0.361 χ^2/NDF : 223096.6/13

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -6.153+/-3.713 χ^2/NDF : 6.5/5

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

Right Out: -6.547+/-3.225 χ^2/NDF : 7.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

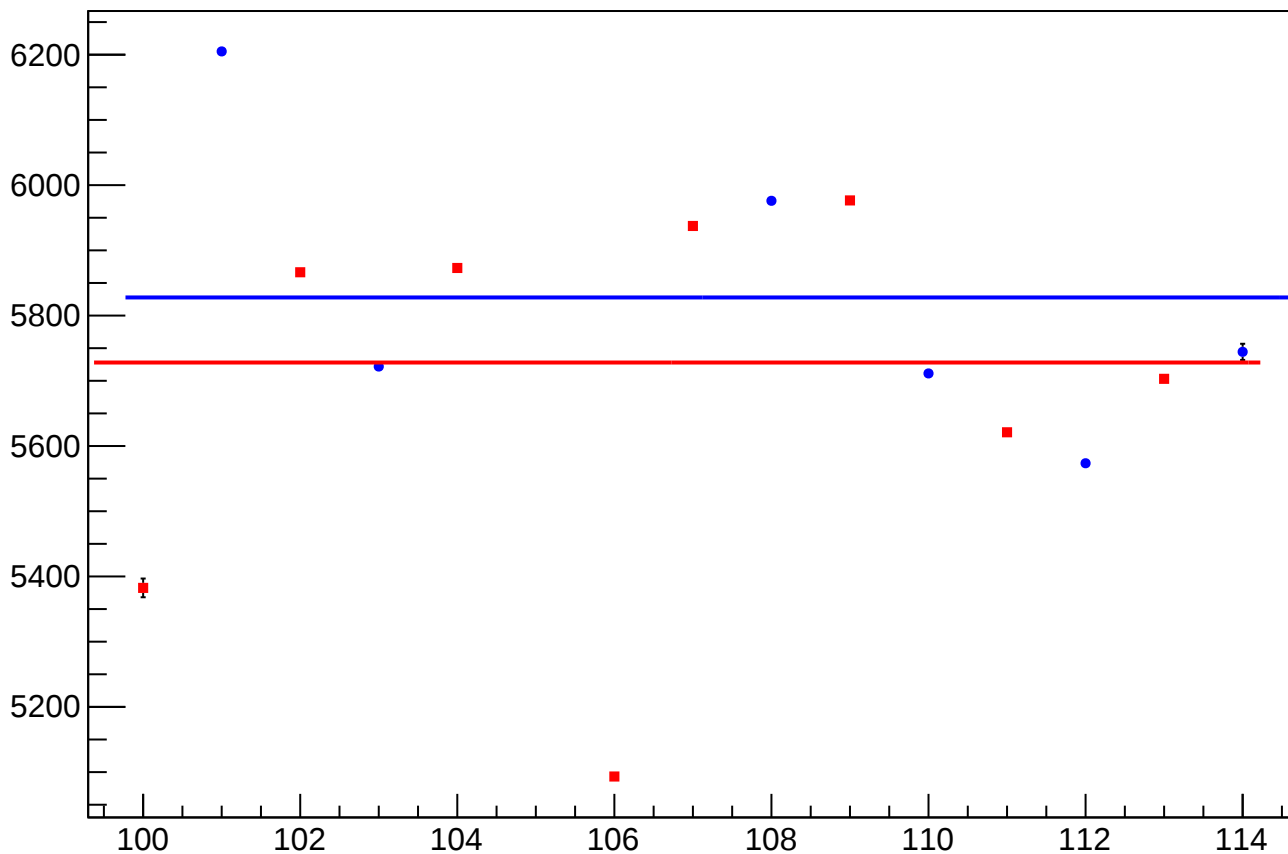
Right: -6.377+/-2.435 χ^2/NDF : 13.8/13

In: -6.153+/-3.713 χ^2/NDF : 6.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.377+/-2.435 χ^2/NDF : 13.8/13

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 5827.793 $\pm$ 2.626 χ^2 /NDF: 7522.2/5

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

Right Out: 5728.028 $\pm$ 2.280 χ^2 /NDF: 14106.2/7

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

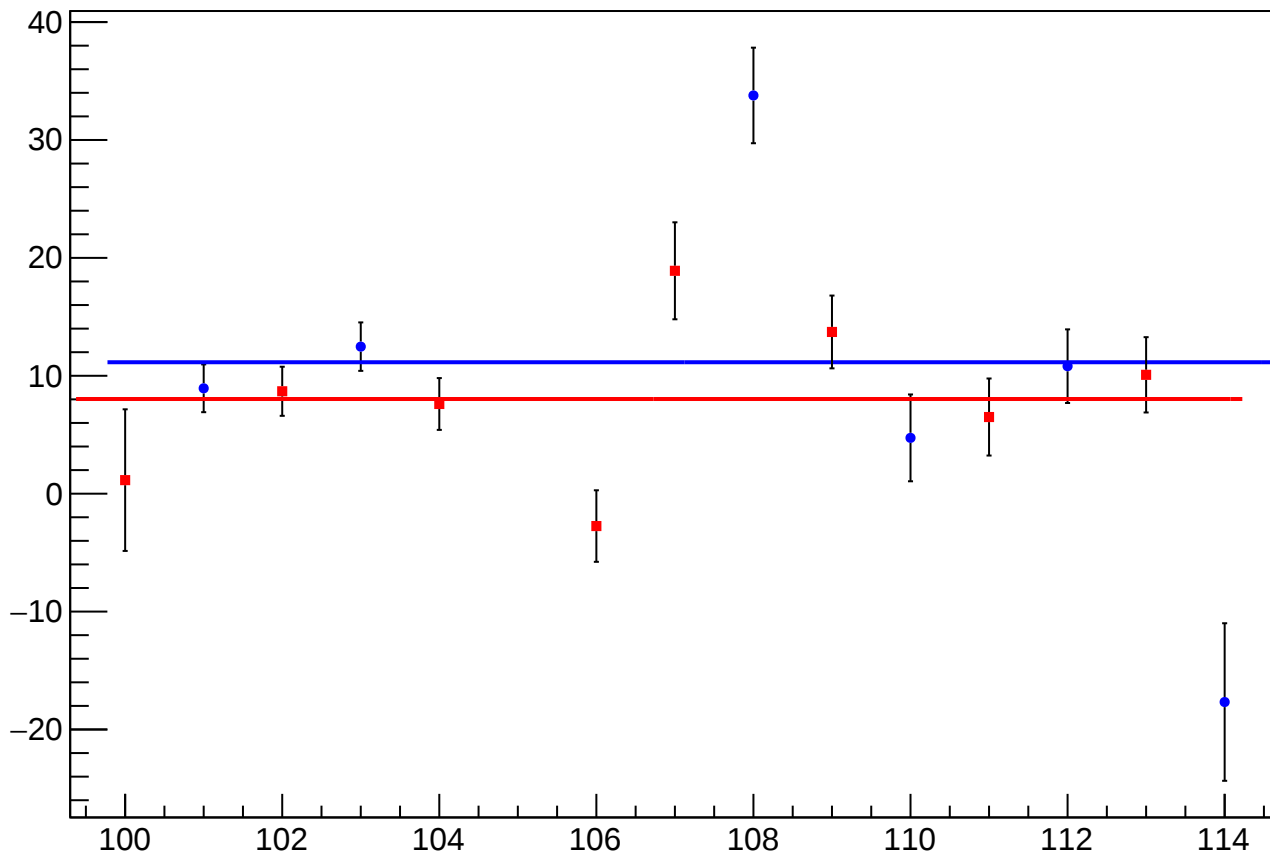
Right: 5770.920 $\pm$ 1.722 χ^2 /NDF: 22451.4/13

In: 5827.793 $\pm$ 2.626 χ^2 /NDF:7522.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5770.920 $\pm$ 1.722 χ^2 /NDF: 22451.4/13

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 11.148 $\pm$ 1.162 χ^2 /NDF: 54.4/5

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

Right Out: 8.030 $\pm$ 1.037 χ^2 /NDF: 25.1/7

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

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

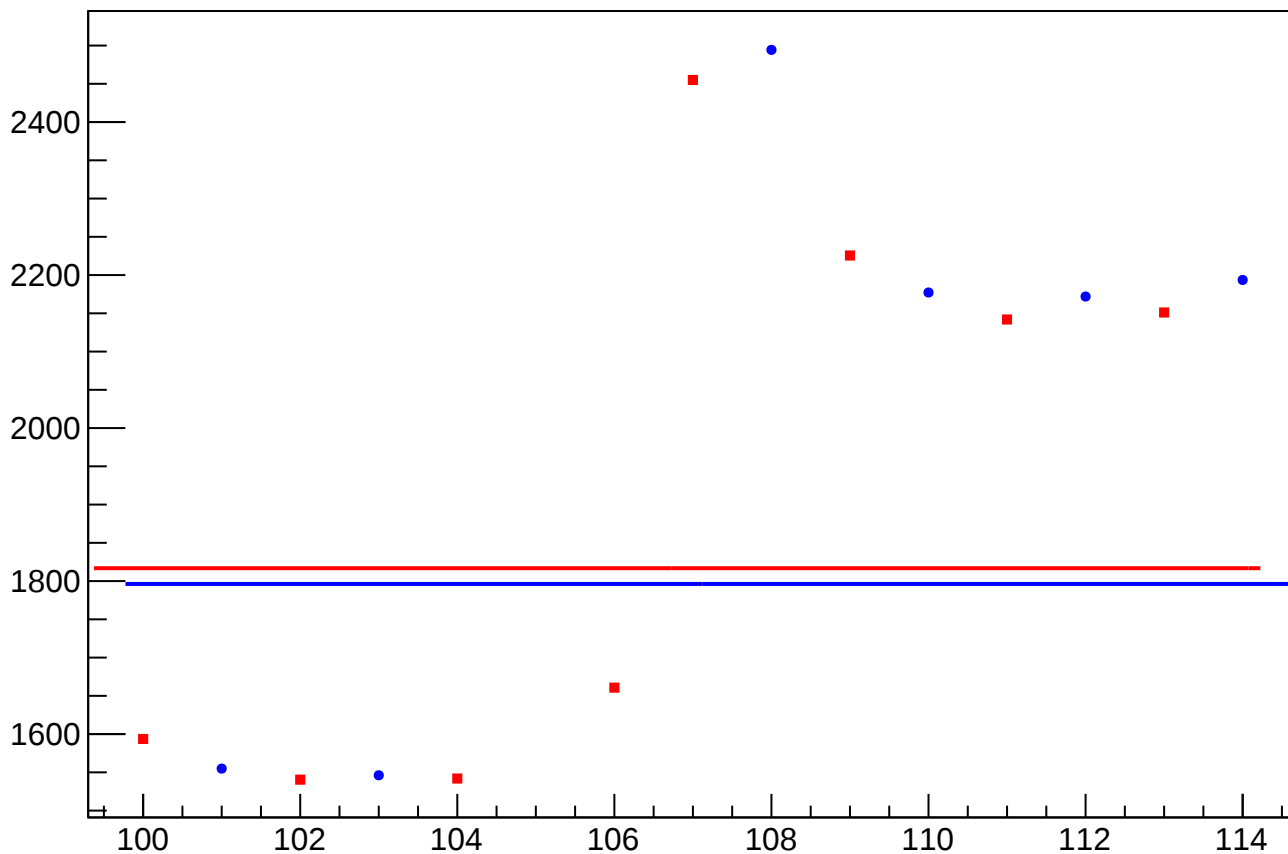
Right: 9.412 $\pm$ 0.774 χ^2 /NDF: 83.5/13

In: 11.148 $\pm$ 1.162 χ^2 /NDF: 54.4/5

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

All: 9.412 $\pm$ 0.774 χ^2 /NDF: 83.5/13

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 1796.255+/-0.822 χ^2/NDF : 174793.4/5

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

Right Out: 1816.820+/-0.733 χ^2/NDF : 199544.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

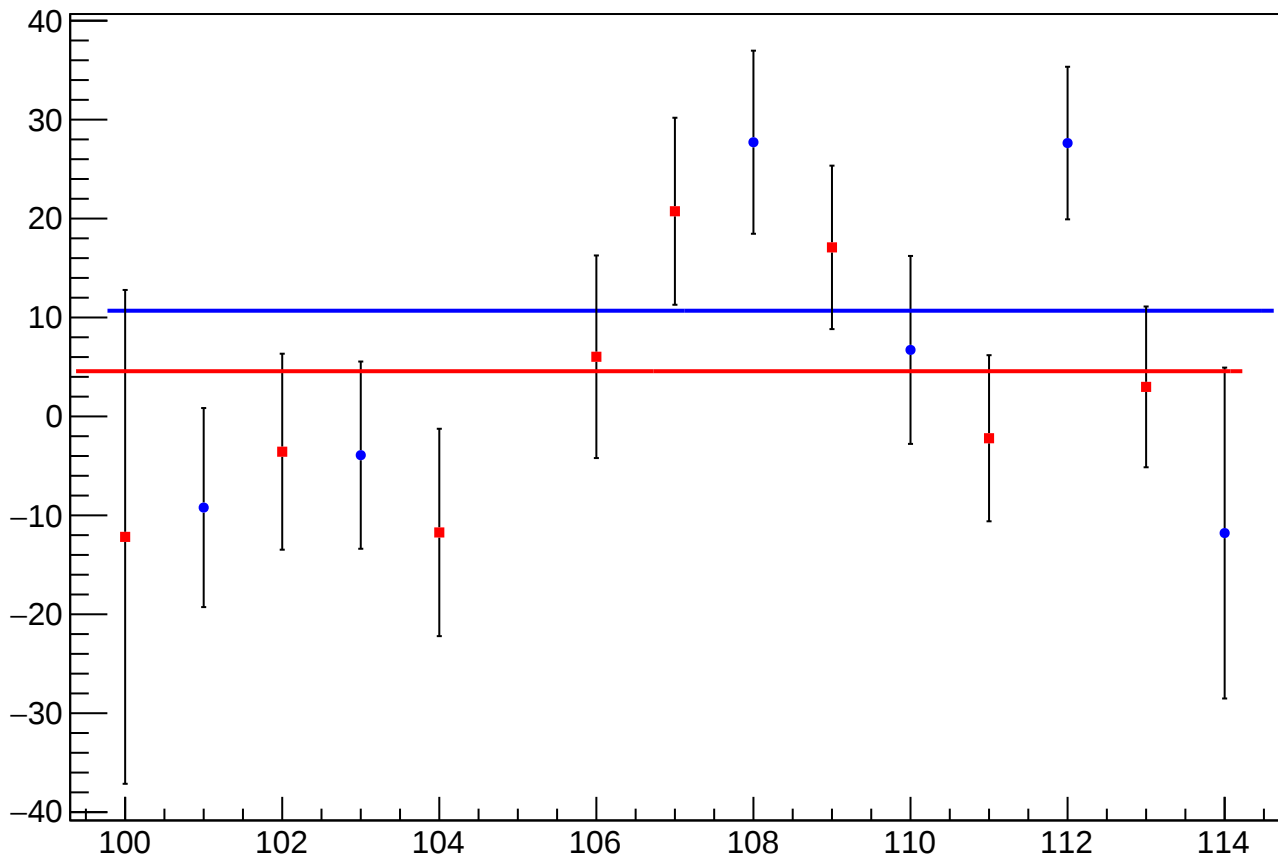
Right: 1807.707+/-0.547 χ^2/NDF : 374686.2/13

In: 1796.255+/-0.822 χ^2/NDF : 174793.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1807.707+/-0.547 χ^2/NDF : 374686.2/13

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 10.685+/-3.947 χ^2/NDF : 16.5/5

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

Right Out: 4.570+/-3.418 χ^2/NDF : 9.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

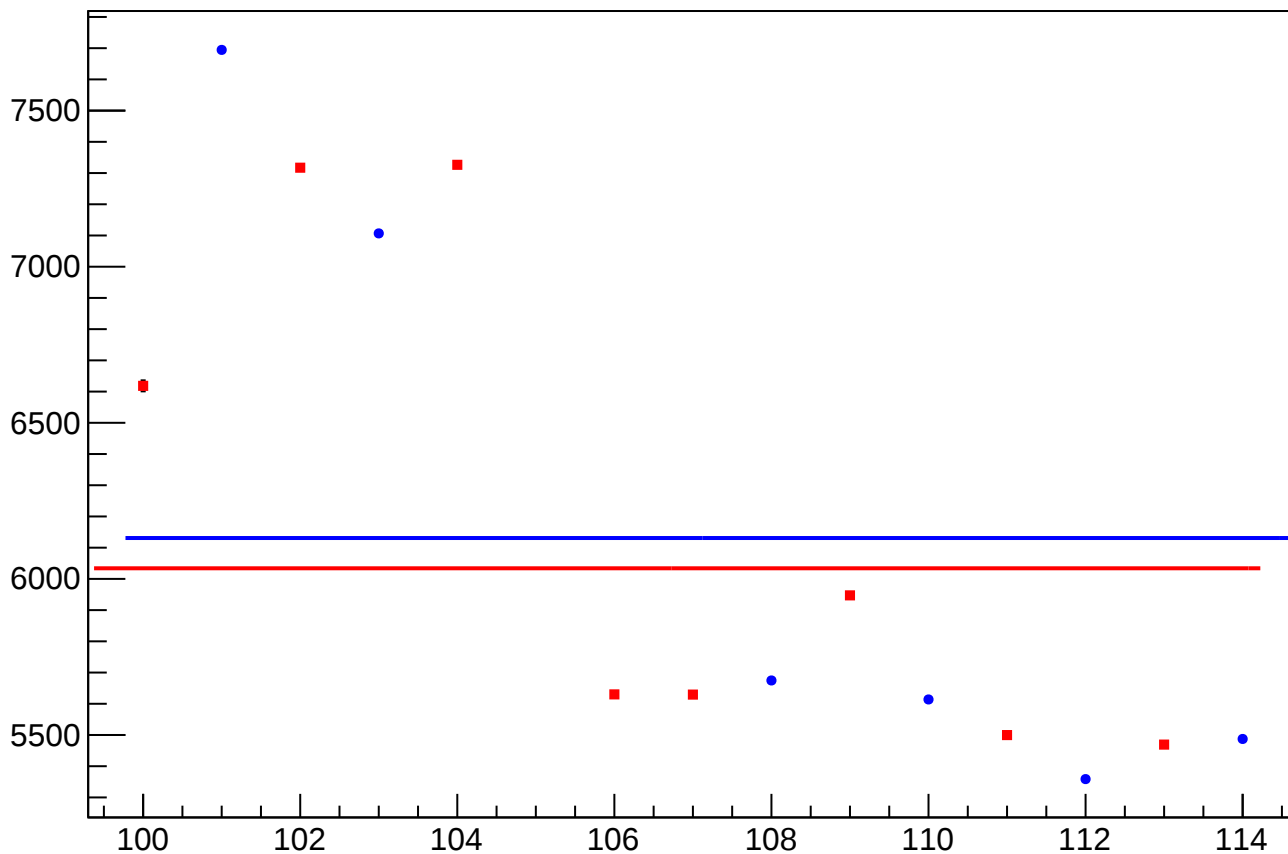
Right: 7.190+/-2.584 χ^2/NDF : 27.3/13

In: 10.685+/-3.947 χ^2/NDF : 16.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.190+/-2.584 χ^2/NDF : 27.3/13

diff_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 6130.940+/-2.791 χ^2/NDF : 103386.0/5

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

Right Out: 6033.962+/-2.417 χ^2/NDF : 89834.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

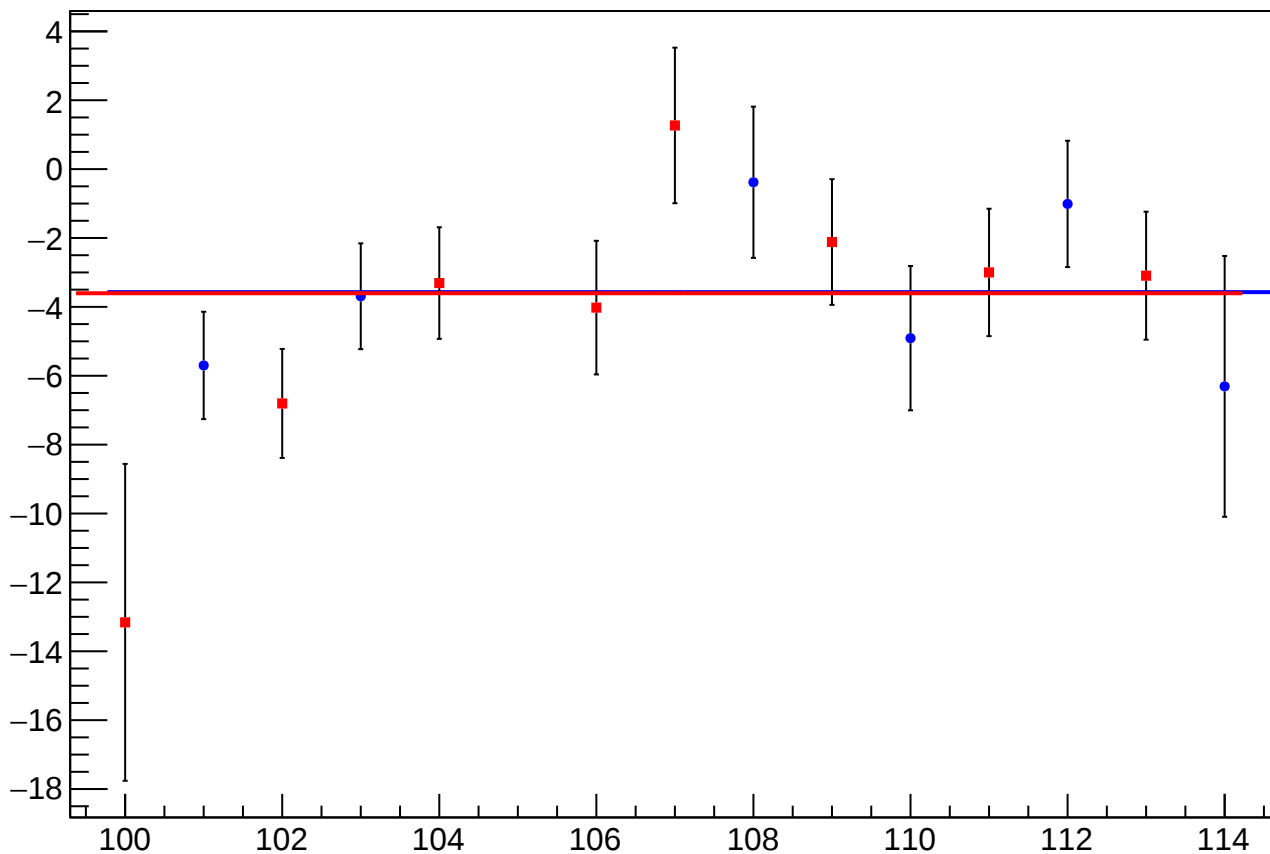
Right: 6075.518+/-1.827 χ^2/NDF : 193910.3/13

In: 6130.940+/-2.791 χ^2/NDF : 103386.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6075.518+/-1.827 χ^2/NDF : 193910.3/13

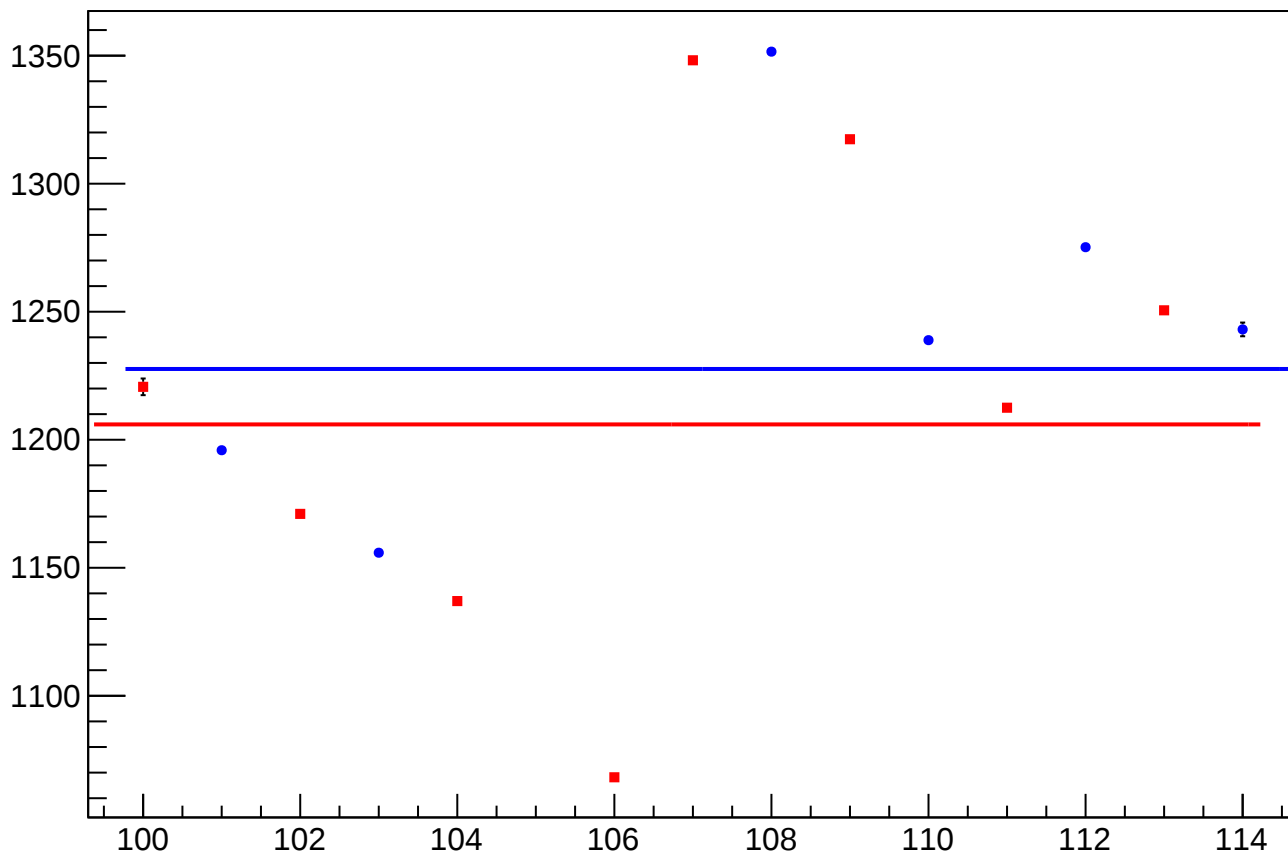
diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -3.572+/-0.781 χ^2 /NDF: 6.9/5
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
Right Out: -3.604+/-0.679 χ^2 /NDF: 14.0/7
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Right: -3.590+/-0.512 χ^2 /NDF: 20.8/13
In: -3.572+/-0.781 χ^2 /NDF:6.9/5
Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
All: -3.590+/-0.512 χ^2 /NDF: 20.8/13

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1227.639 $\pm$ 0.553 χ^2 /NDF: 12999.8/5

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

Right Out: 1205.989 $\pm$ 0.480 χ^2 /NDF: 31270.5/7

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

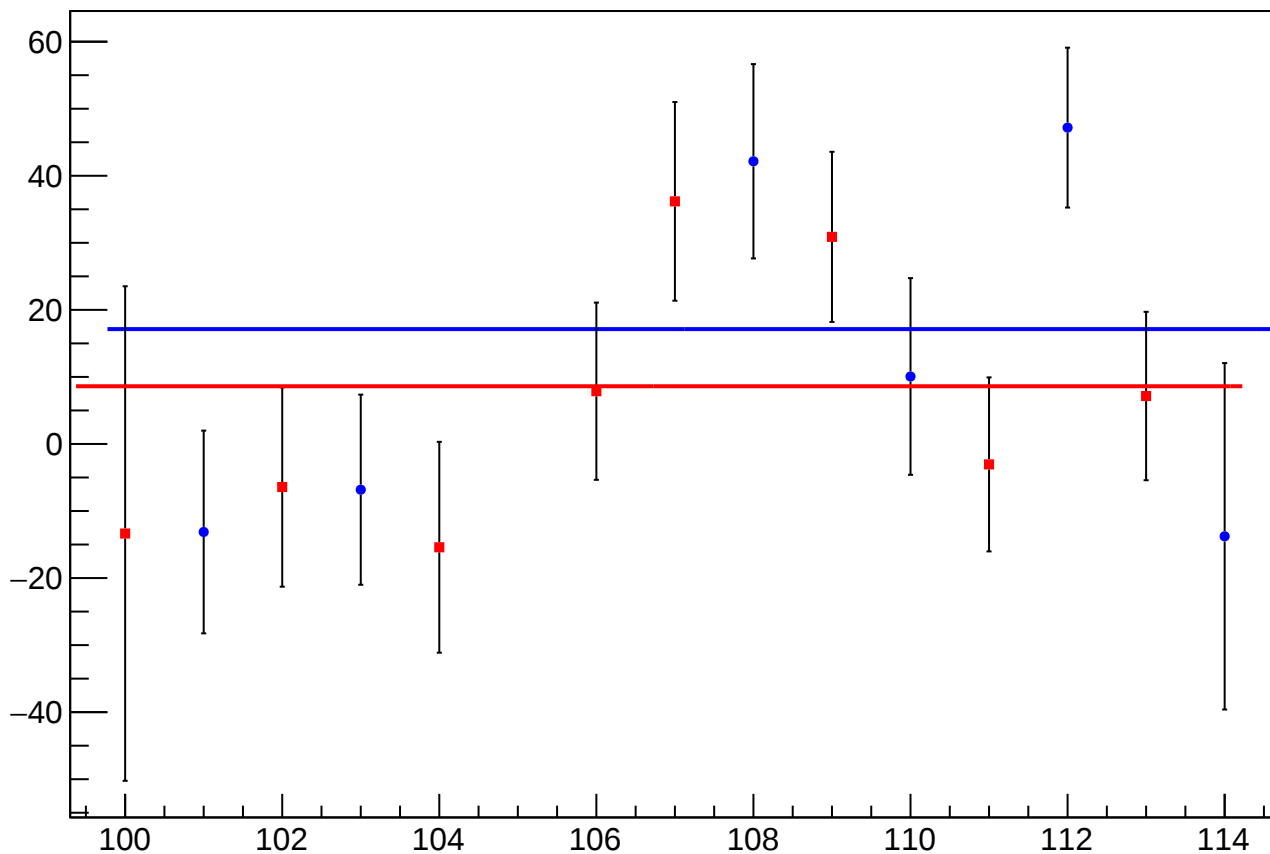
Right: 1215.297 $\pm$ 0.362 χ^2 /NDF: 45145.6/13

In: 1227.639 $\pm$ 0.553 χ^2 /NDF:12999.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1215.297 $\pm$ 0.362 χ^2 /NDF: 45145.6/13

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: 17.132+/-6.053 χ^2/NDF : 17.9/5

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

Right Out: 8.609+/-5.125 χ^2/NDF : 11.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

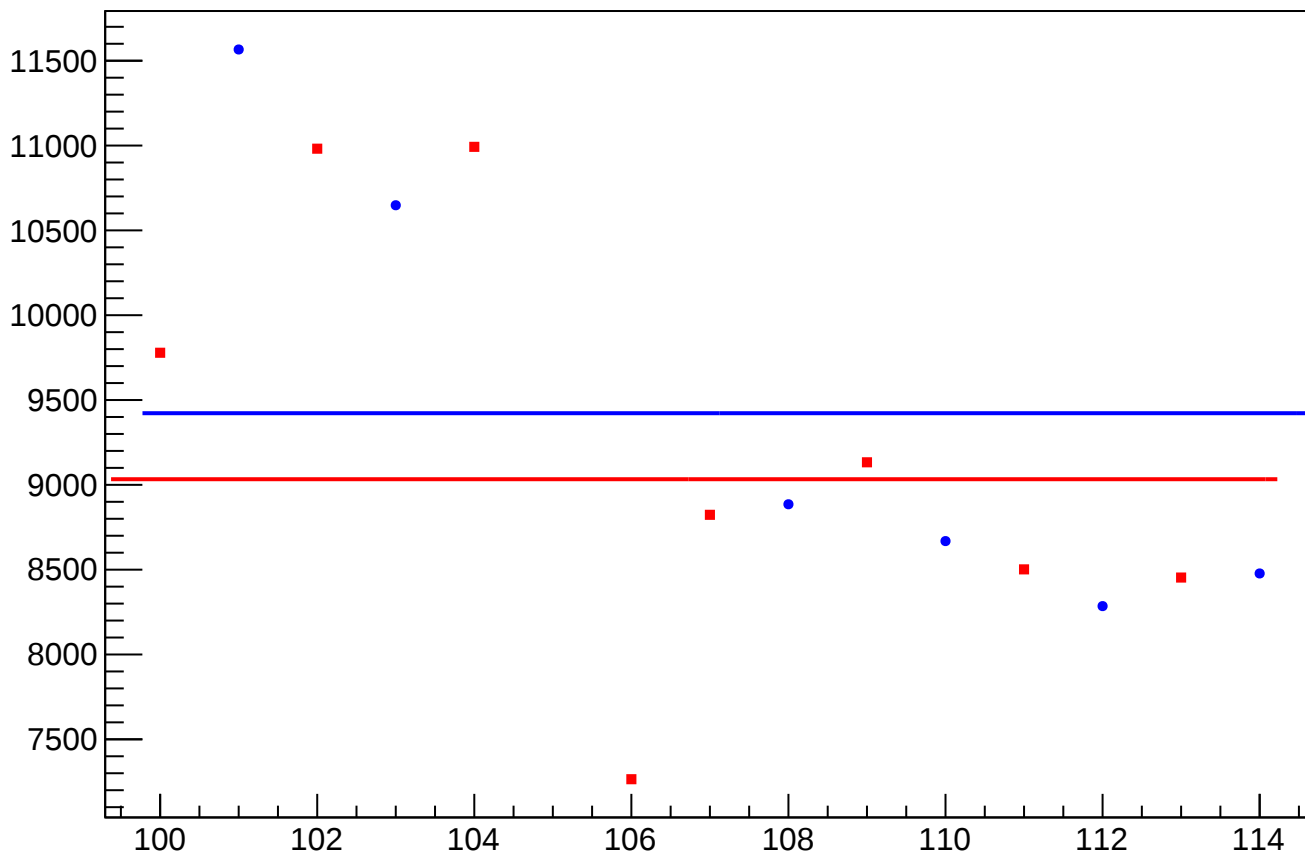
Right: 12.167+/-3.911 χ^2/NDF : 30.1/13

In: 17.132+/-6.053 χ^2/NDF : 17.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.167+/-3.911 χ^2/NDF : 30.1/13

diff_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 9422.276+/-4.280 χ^2/NDF : 84048.3/5

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

Right Out: 9033.164+/-3.624 χ^2/NDF : 110161.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

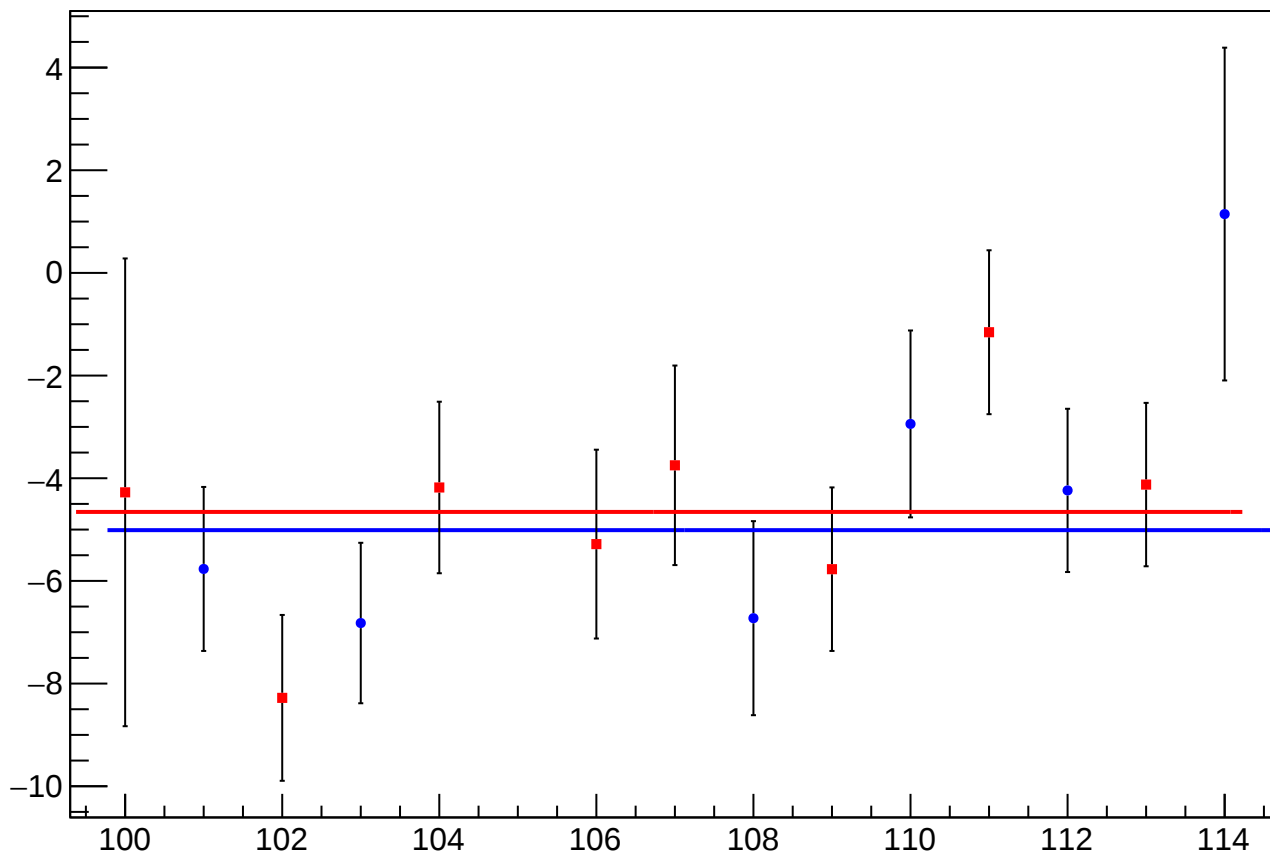
Right: 9195.621+/-2.766 χ^2/NDF : 199023.4/13

In: 9422.276+/-4.280 χ^2/NDF : 84048.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9195.621+/-2.766 χ^2/NDF : 199023.4/13

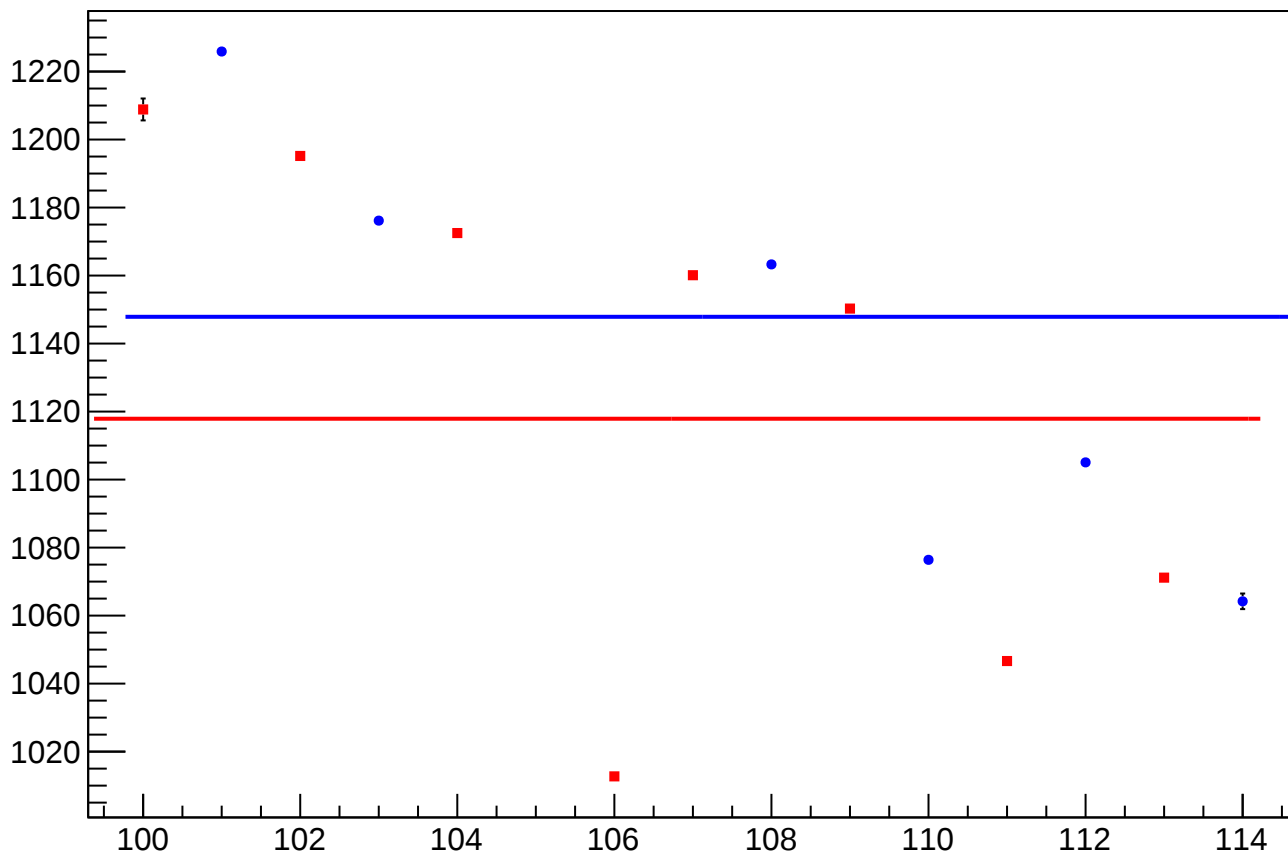
diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -5.011 ± 0.731 $\chi^2/\text{NDF}: 7.5/5$
Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
Right Out: -4.656 ± 0.629 $\chi^2/\text{NDF}: 10.9/7$
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: -4.807 ± 0.476 $\chi^2/\text{NDF}: 18.5/13$
In: -5.011 ± 0.731 $\chi^2/\text{NDF}: 7.5/5$
Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
All: -4.807 ± 0.476 $\chi^2/\text{NDF}: 18.5/13$

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1147.872+/-0.517 χ^2/NDF : 11423.3/5

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

Right Out: 1117.896+/-0.444 χ^2/NDF : 21527.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

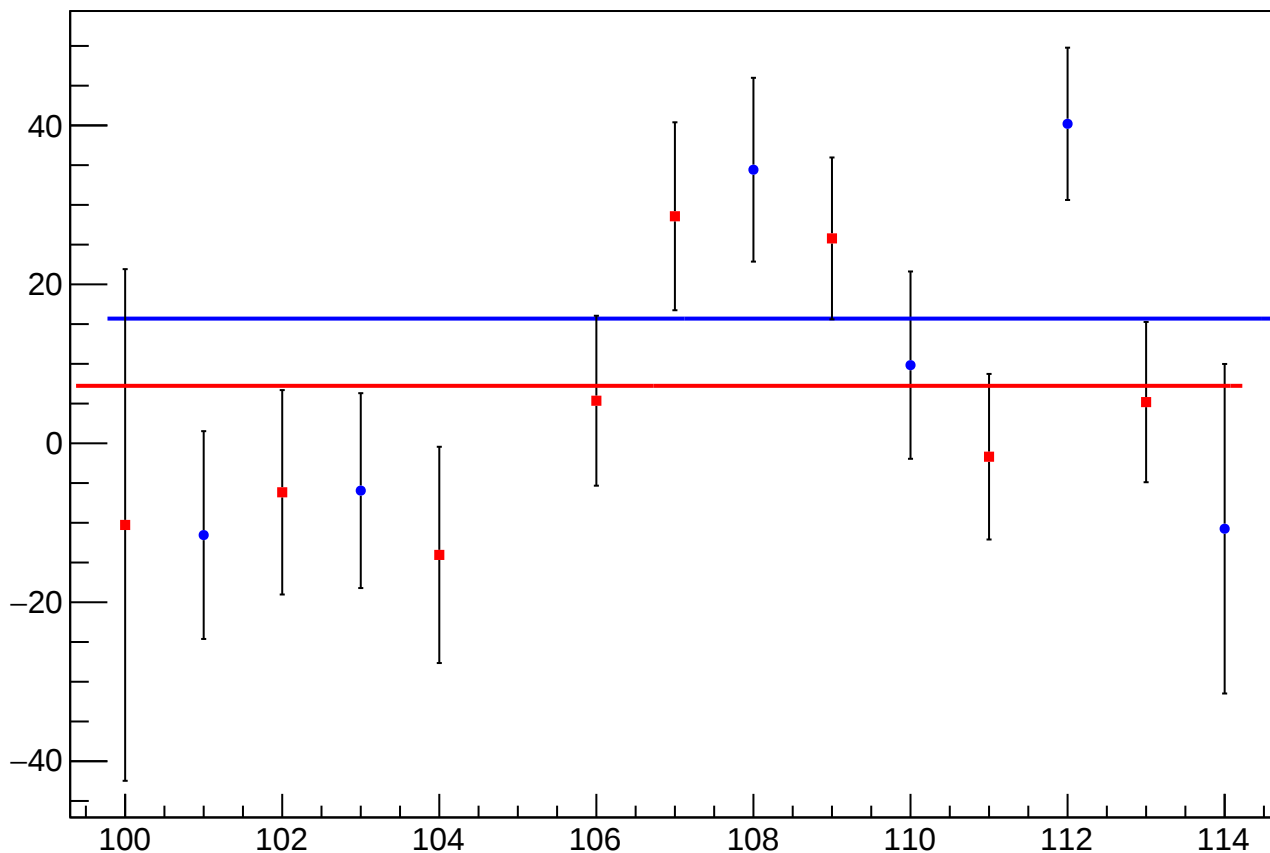
Right: 1130.647+/-0.337 χ^2/NDF : 34886.0/13

In: 1147.872+/-0.517 χ^2/NDF : 11423.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1130.647+/-0.337 χ^2/NDF : 34886.0/13

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 15.692+/-4.975 χ^2/NDF : 18.5/5

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

Right Out: 7.233+/-4.188 χ^2/NDF : 11.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

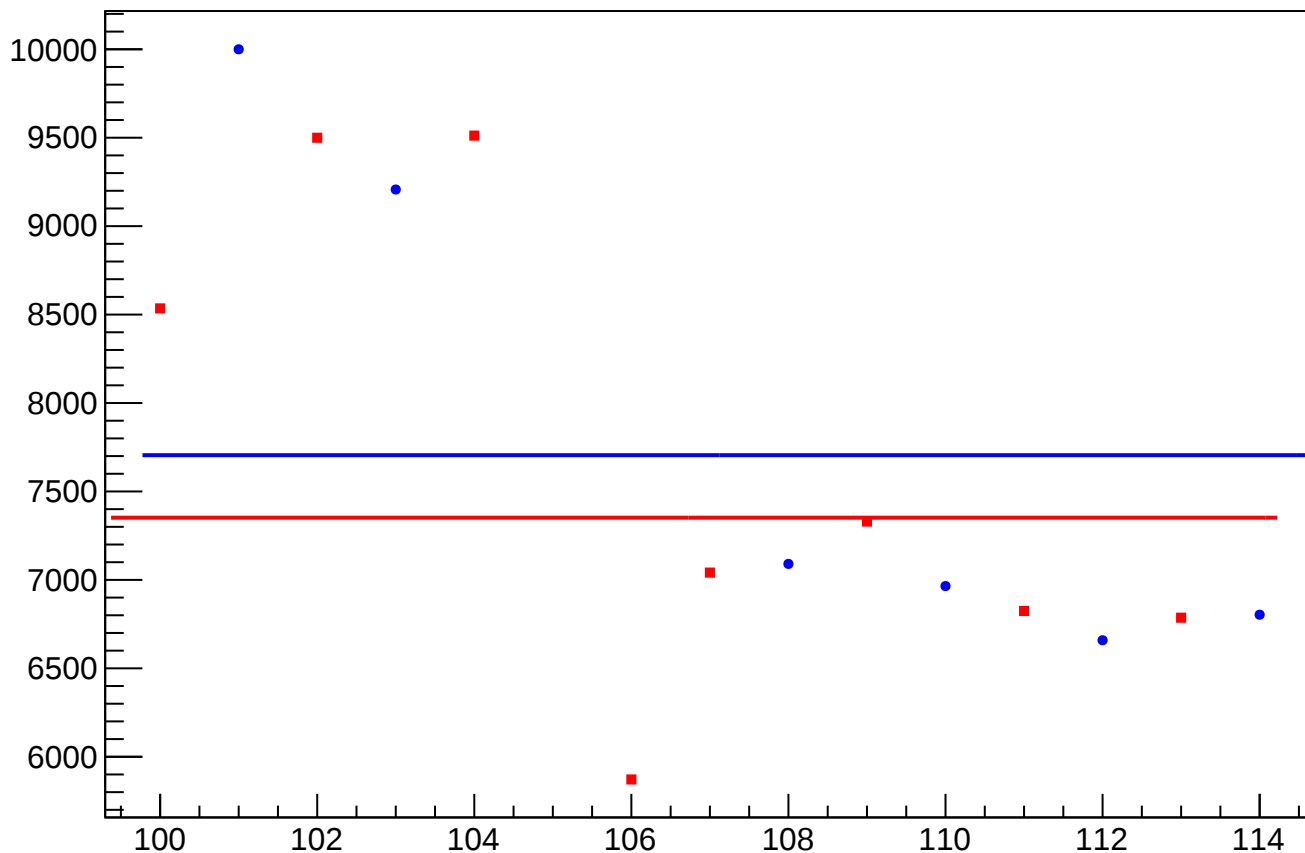
Right: 10.741+/-3.204 χ^2/NDF : 31.4/13

In: 15.692+/-4.975 χ^2/NDF : 18.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.741+/-3.204 χ^2/NDF : 31.4/13

diff_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 7705.117+/-3.518 χ^2/NDF : 132810.0/5

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

Right Out: 7351.676+/-2.961 χ^2/NDF : 160062.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

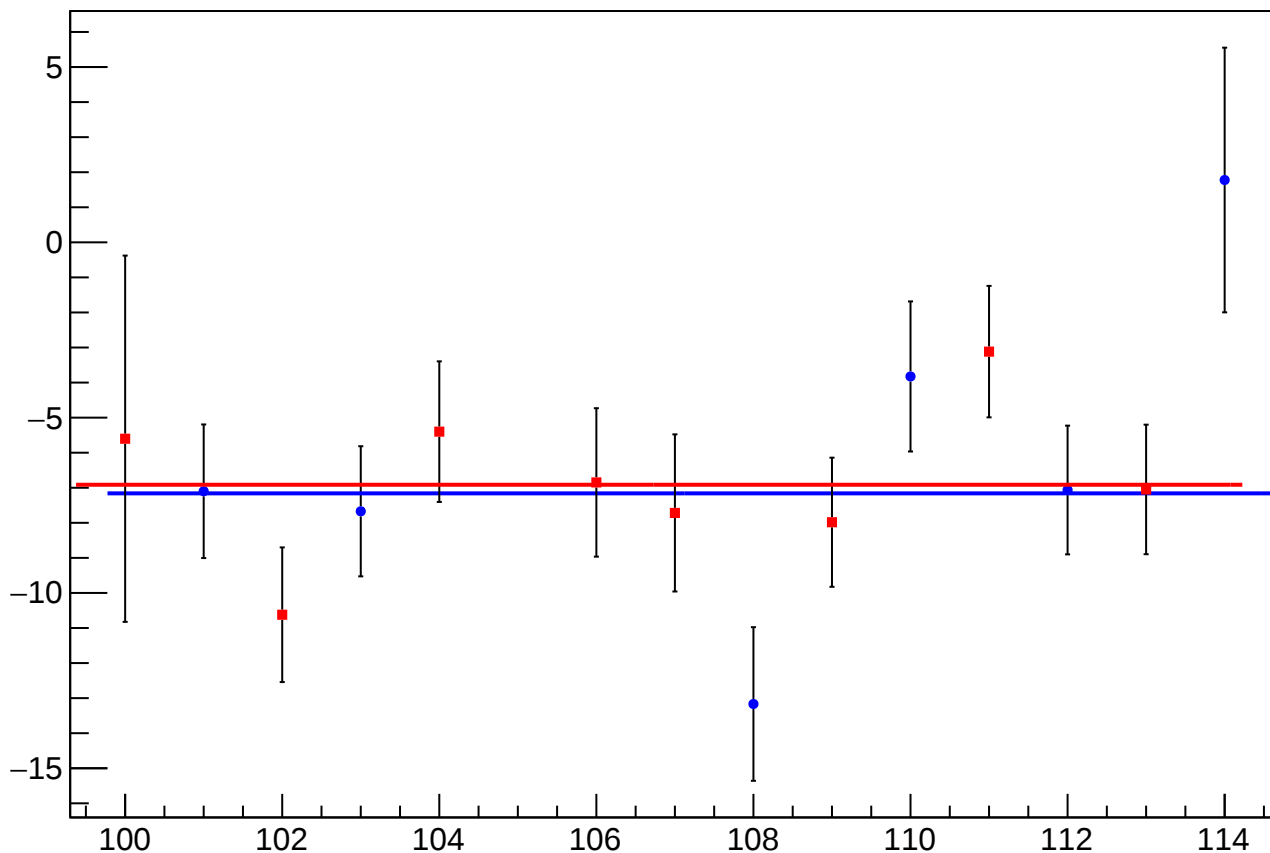
Right: 7498.253+/-2.265 χ^2/NDF : 298780.8/13

In: 7705.117+/-3.518 χ^2/NDF : 132810.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7498.253+/-2.265 χ^2/NDF : 298780.8/13

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -7.159+/-0.858 χ^2/NDF : 15.6/5

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

Right Out: -6.914+/-0.735 χ^2/NDF : 8.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

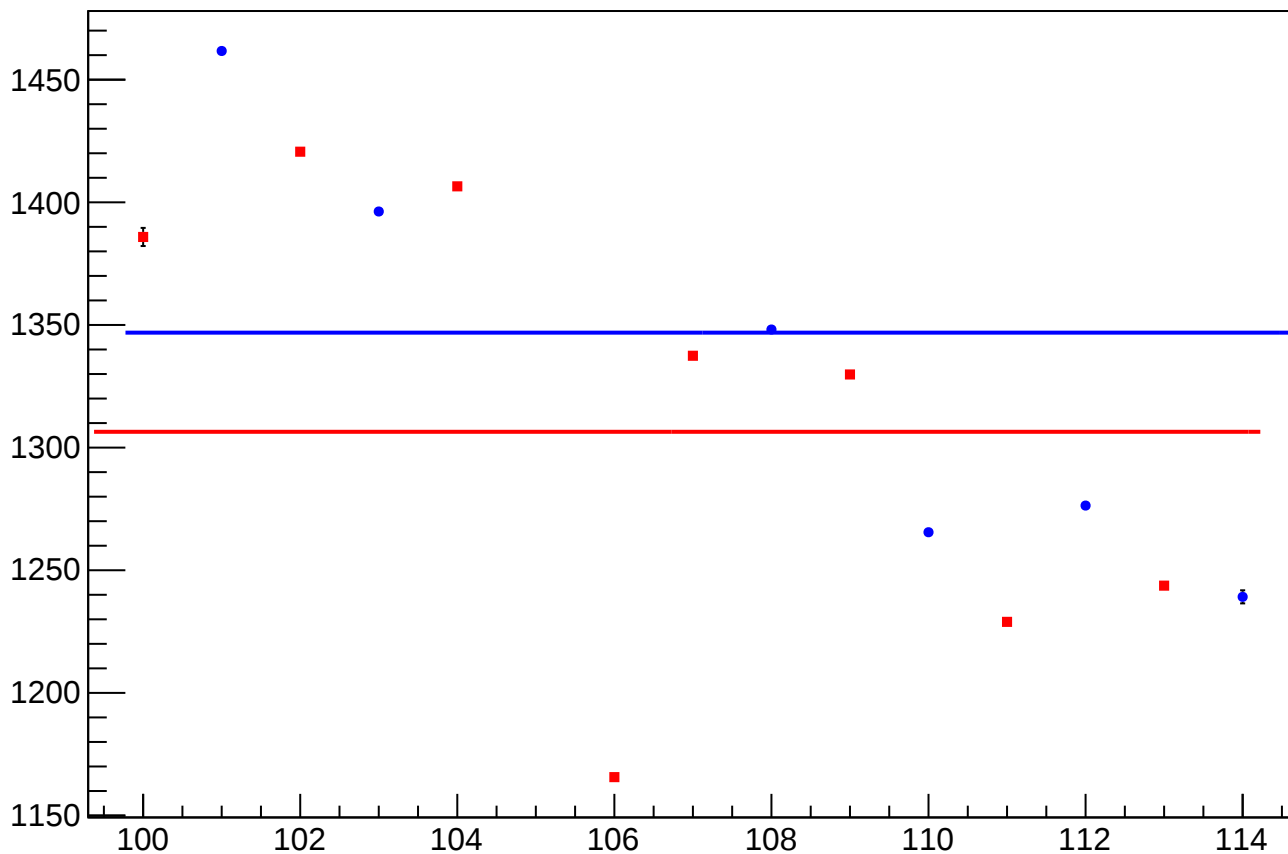
Right: -7.018+/-0.558 χ^2/NDF : 24.6/13

In: -7.159+/-0.858 χ^2/NDF : 15.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.018+/-0.558 χ^2/NDF : 24.6/13

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1346.869+/-0.606 χ^2/NDF : 16153.8/5

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

Right Out: 1306.448+/-0.520 χ^2/NDF : 27789.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

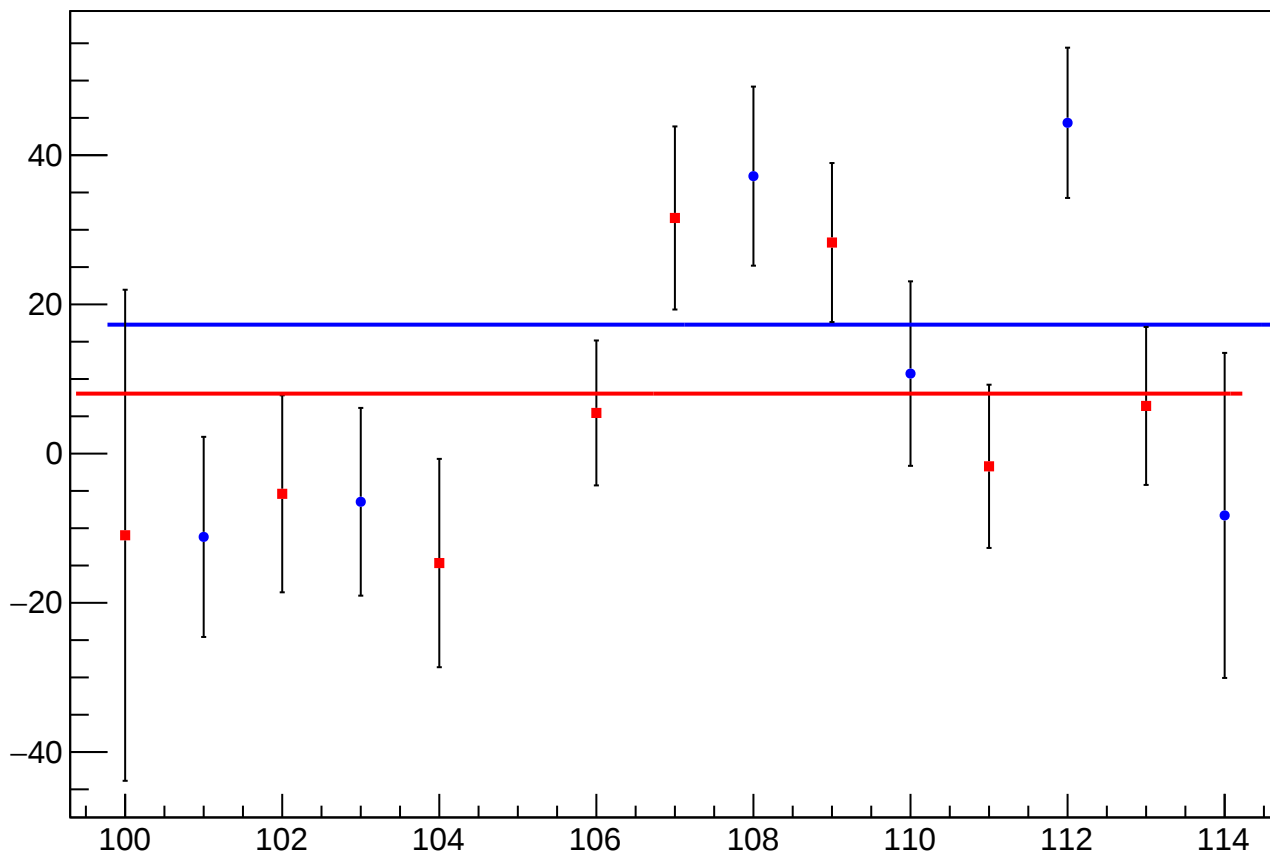
Right: 1323.563+/-0.395 χ^2/NDF : 46504.3/13

In: 1346.869+/-0.606 χ^2/NDF : 16153.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1323.563+/-0.395 χ^2/NDF : 46504.3/13

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 17.285+/-5.176 χ^2/NDF : 19.7/5

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

Right Out: 8.041+/-4.260 χ^2/NDF : 12.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

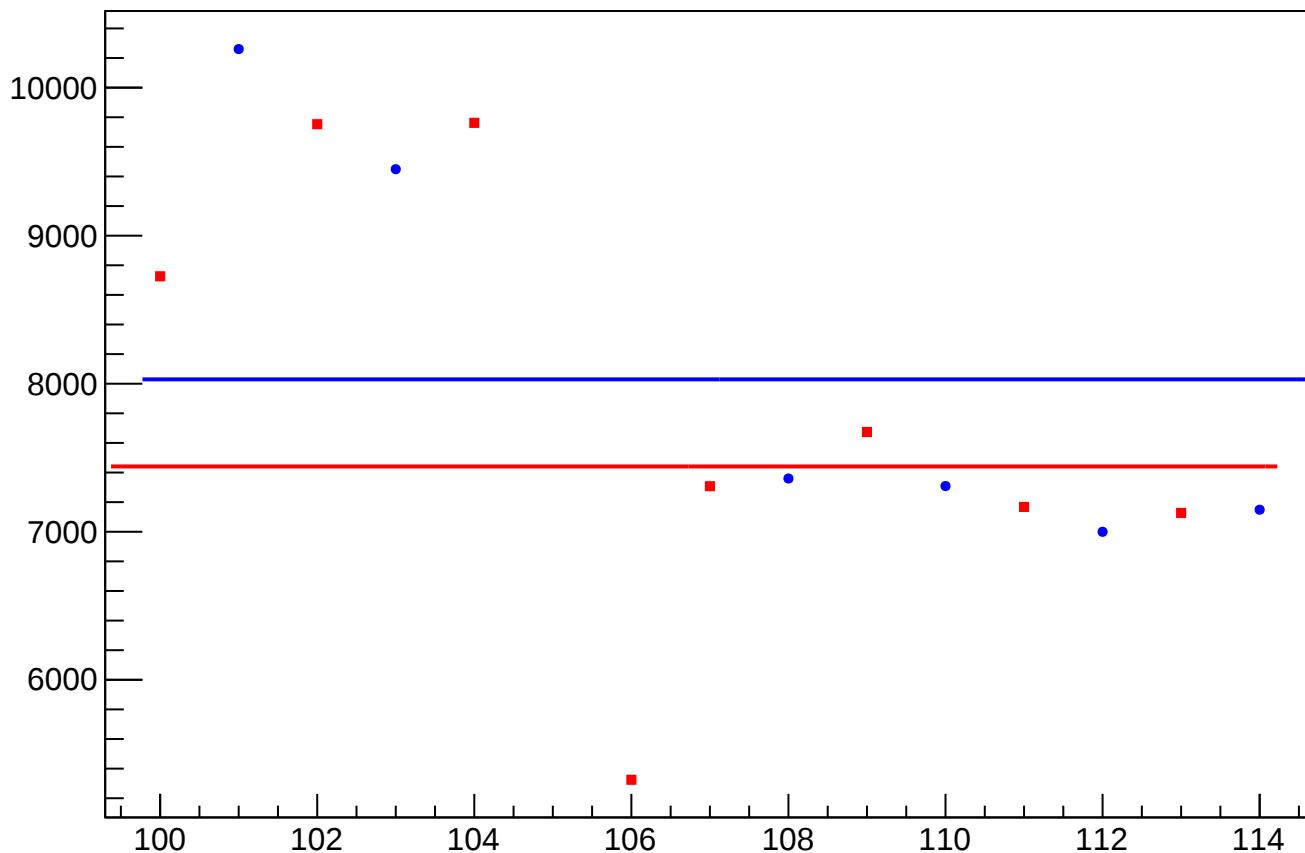
Right: 11.773+/-3.289 χ^2/NDF : 33.8/13

In: 17.285+/-5.176 χ^2/NDF : 19.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.773+/-3.289 χ^2/NDF : 33.8/13

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 8029.440+/-3.660 χ^2/NDF : 117994.6/5

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

Right Out: 7441.059+/-3.012 χ^2/NDF : 218812.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

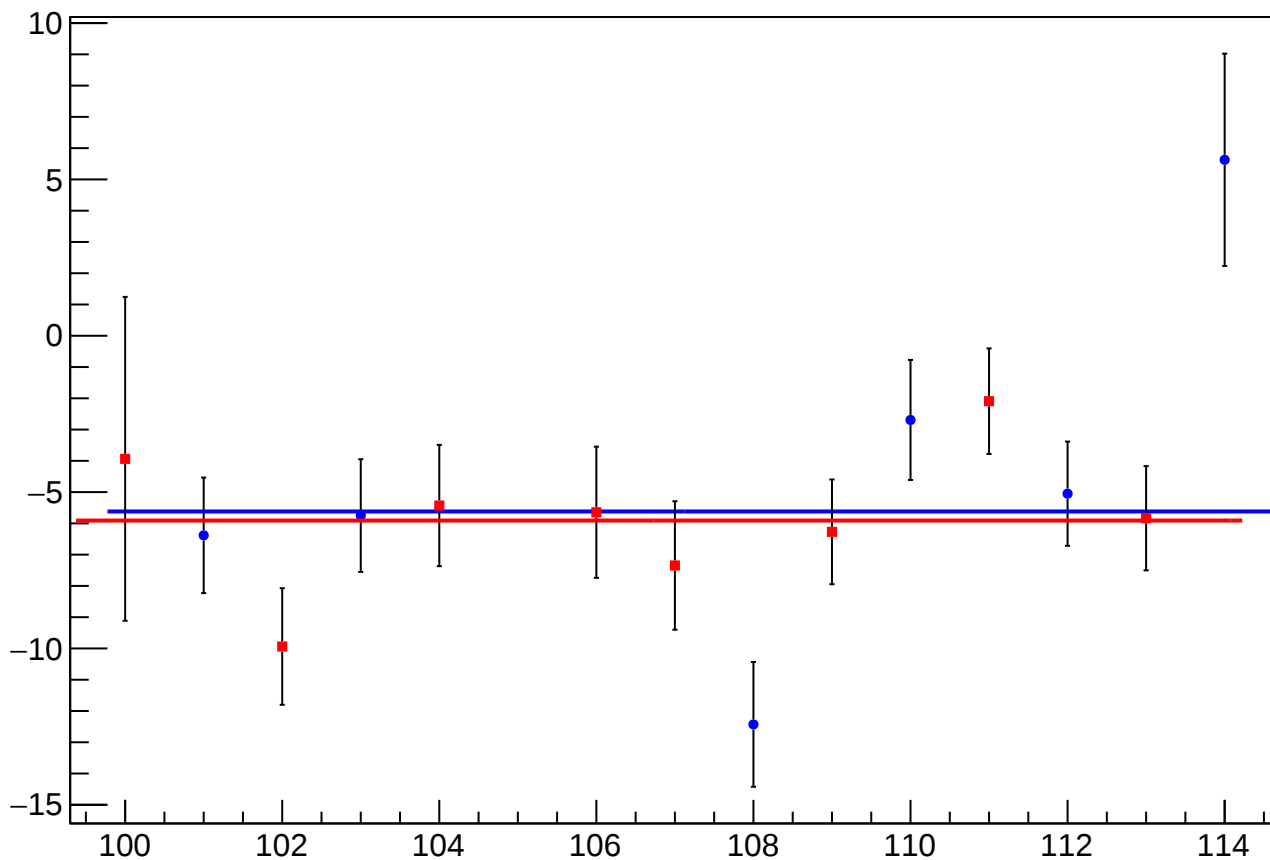
Right: 7678.628+/-2.326 χ^2/NDF : 352214.7/13

In: 8029.440+/-3.660 χ^2/NDF : 117994.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7678.628+/-2.326 χ^2/NDF : 352214.7/13

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -5.619 $\pm$ 0.798 χ^2 /NDF: 25.2/5

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

Right Out: -5.909 $\pm$ 0.686 χ^2 /NDF: 10.5/7

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

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

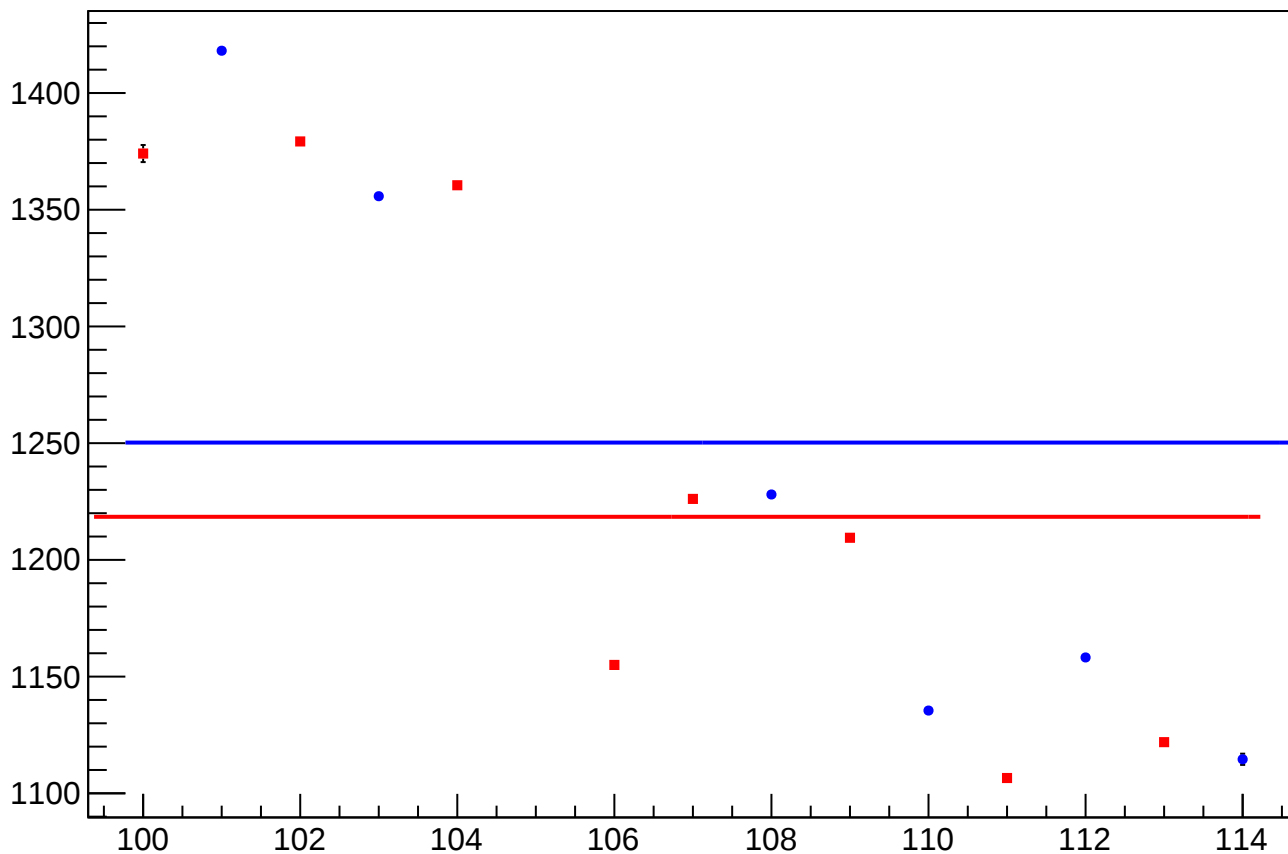
Right: -5.786 $\pm$ 0.520 χ^2 /NDF: 35.9/13

In: -5.619 $\pm$ 0.798 χ^2 /NDF:25.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.786 $\pm$ 0.520 χ^2 /NDF: 35.9/13

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1250.255+/-0.564 χ^2/NDF : 40053.7/5

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

Right Out: 1218.459+/-0.485 χ^2/NDF : 44825.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

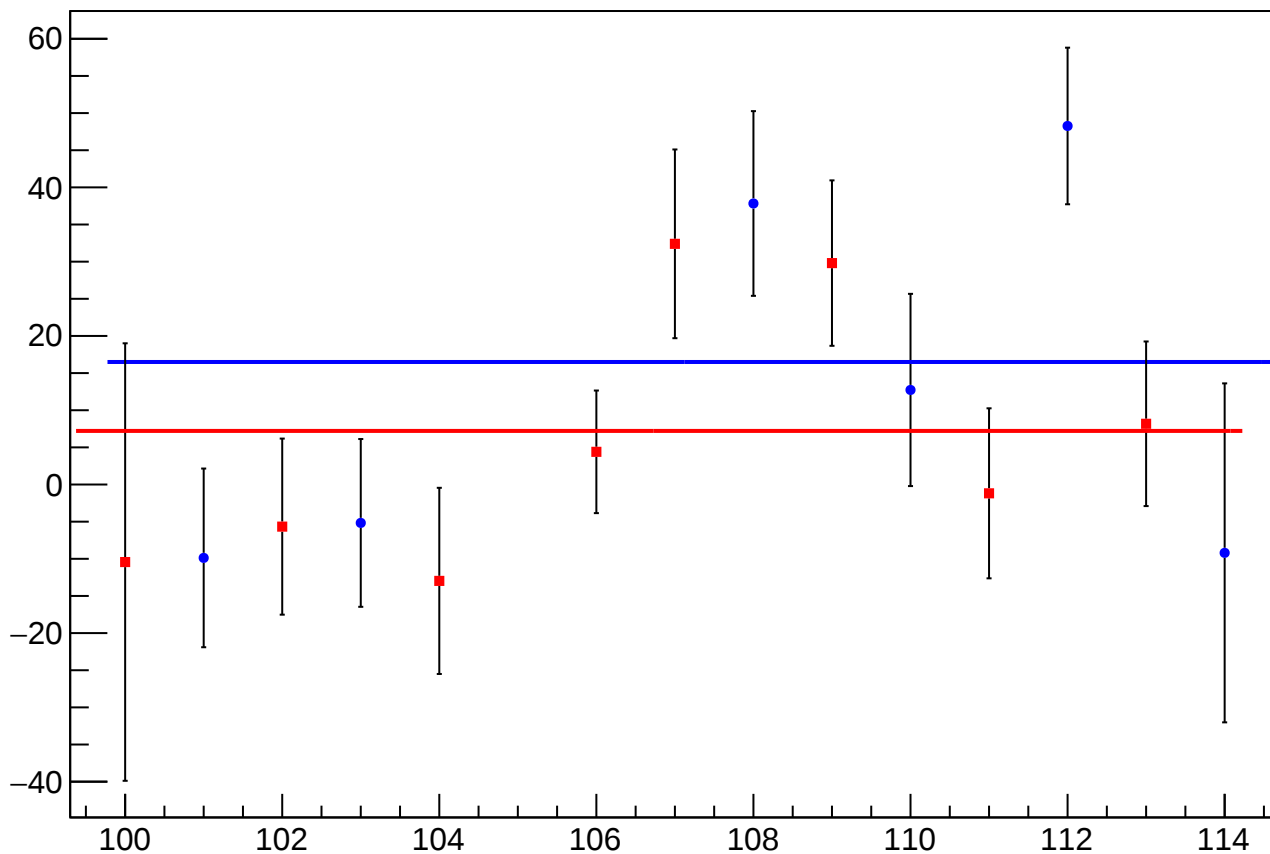
Right: 1231.979+/-0.368 χ^2/NDF : 86704.1/13

In: 1250.255+/-0.564 χ^2/NDF : 40053.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1231.979+/-0.368 χ^2/NDF : 86704.1/13

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: 16.495+/-5.122 χ^2/NDF : 21.9/5

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

Right Out: 7.215+/-4.104 χ^2/NDF : 12.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

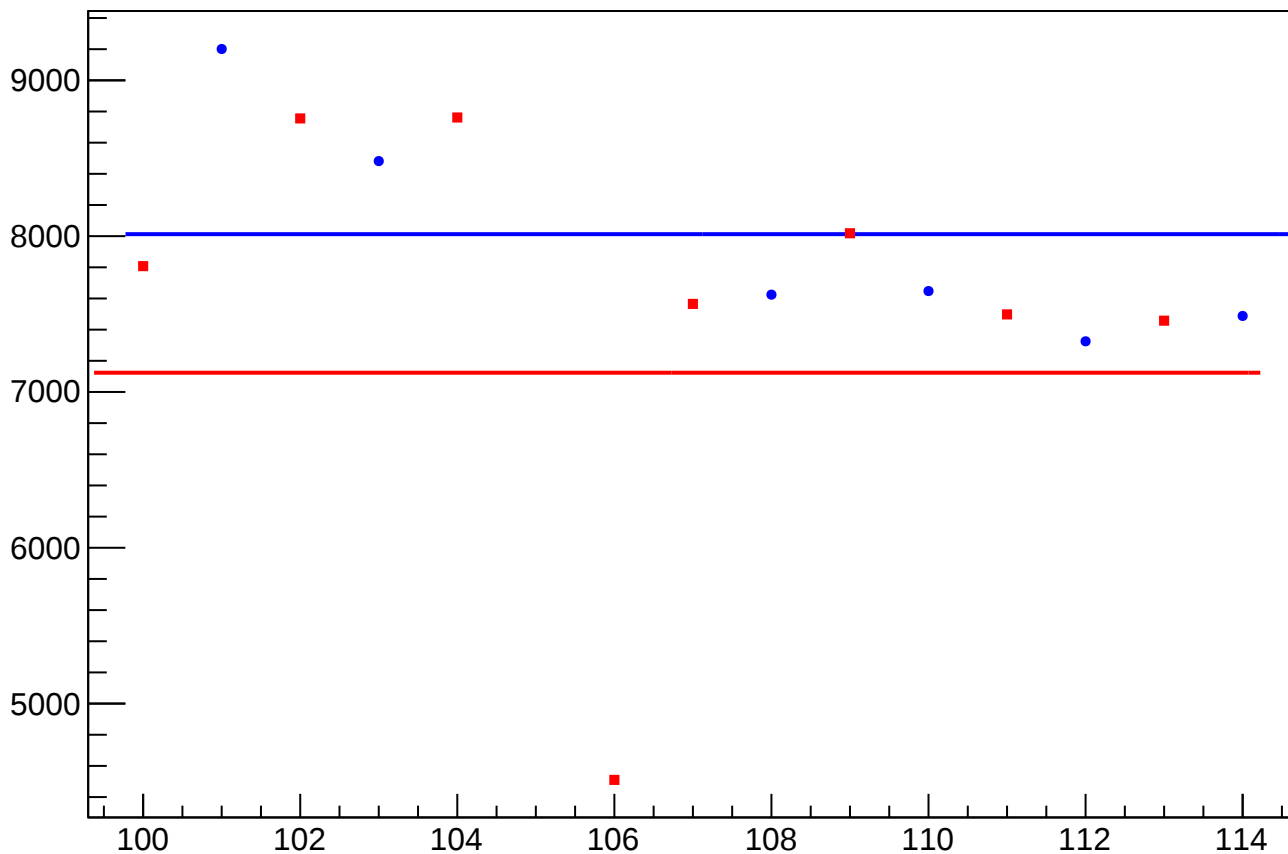
Right: 10.844+/-3.203 χ^2/NDF : 36.7/13

In: 16.495+/-5.122 χ^2/NDF : 21.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.844+/-3.203 χ^2/NDF : 36.7/13

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 8012.806+/-3.622 χ^2/NDF : 36088.8/5

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

Right Out: 7123.536+/-2.902 χ^2/NDF : 293069.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

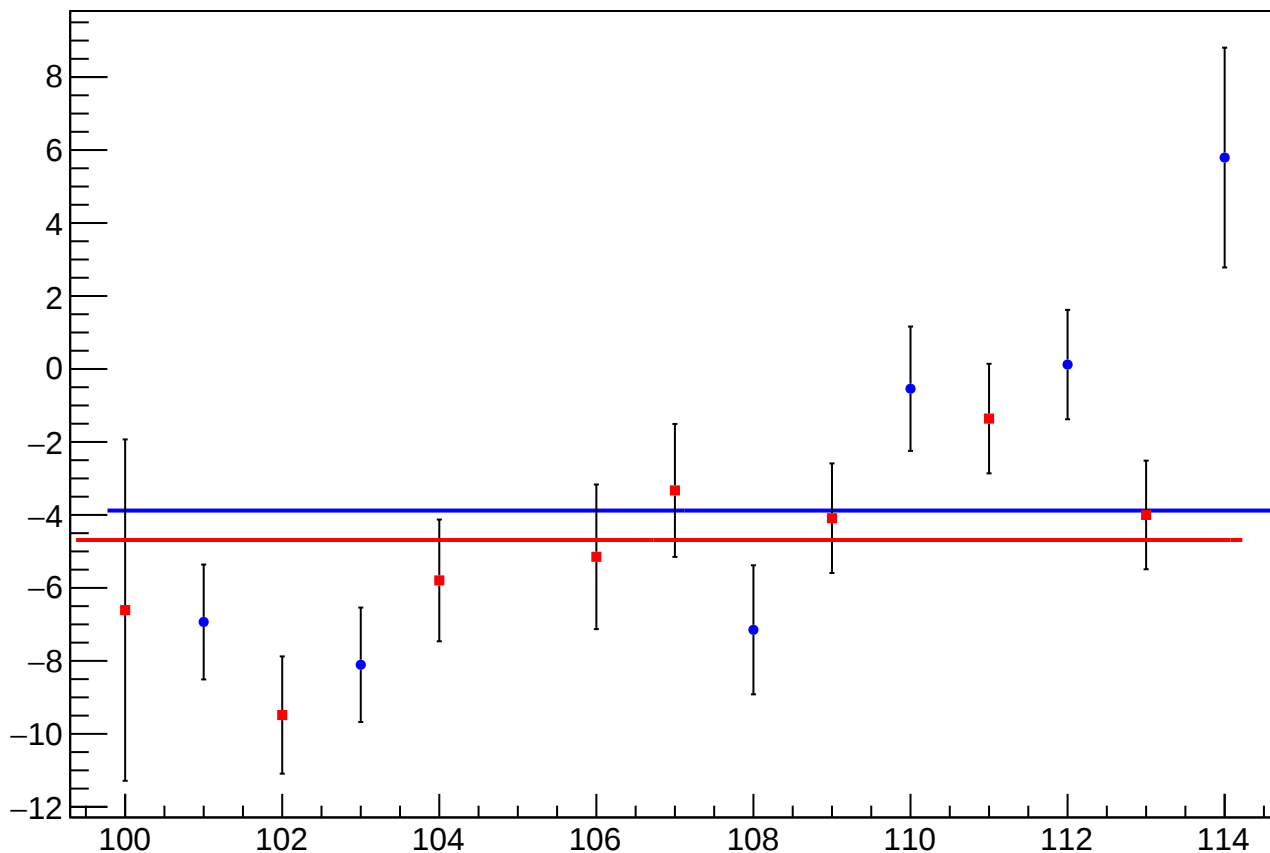
Right: 7471.228+/-2.265 χ^2/NDF : 365875.8/13

In: 8012.806+/-3.622 χ^2/NDF : 36088.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7471.228+/-2.265 χ^2/NDF : 365875.8/13

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -3.880 ± 0.702 χ^2/NDF : 35.7/5

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

Right Out: -4.687 ± 0.610 χ^2/NDF : 15.4/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

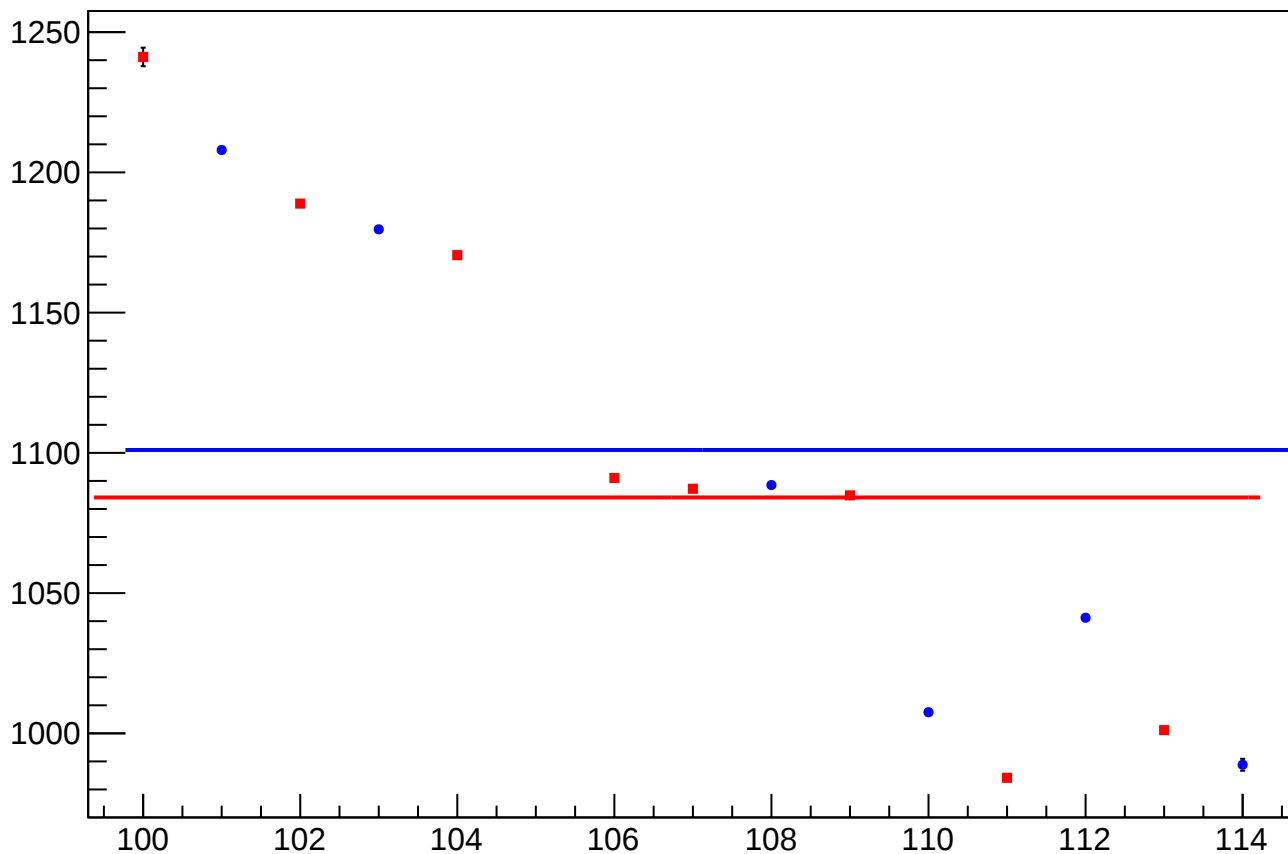
Right: -4.340 ± 0.460 χ^2/NDF : 51.9/13

In: -3.880 ± 0.702 χ^2/NDF : 35.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.340 ± 0.460 χ^2/NDF : 51.9/13

diff_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 1101.022+/-0.496 χ^2/NDF : 26348.2/5

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

Right Out: 1084.107+/-0.431 χ^2/NDF : 31234.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

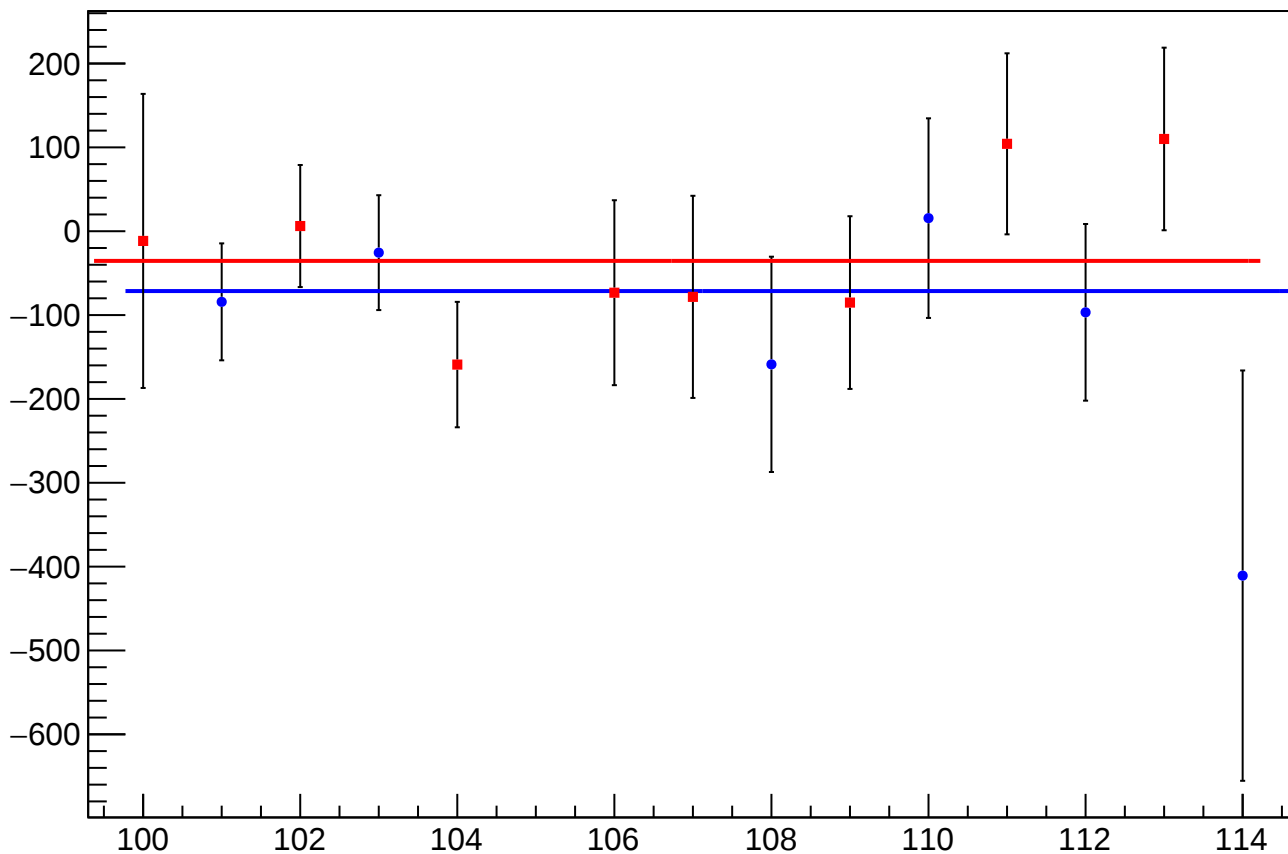
Right: 1091.386+/-0.326 χ^2/NDF : 58244.0/13

In: 1101.022+/-0.496 χ^2/NDF : 26348.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1091.386+/-0.326 χ^2/NDF : 58244.0/13

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -71.358+/-39.017 χ^2/NDF : 3.5/5

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

Right Out: -35.382+/-35.018 χ^2/NDF : 7.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

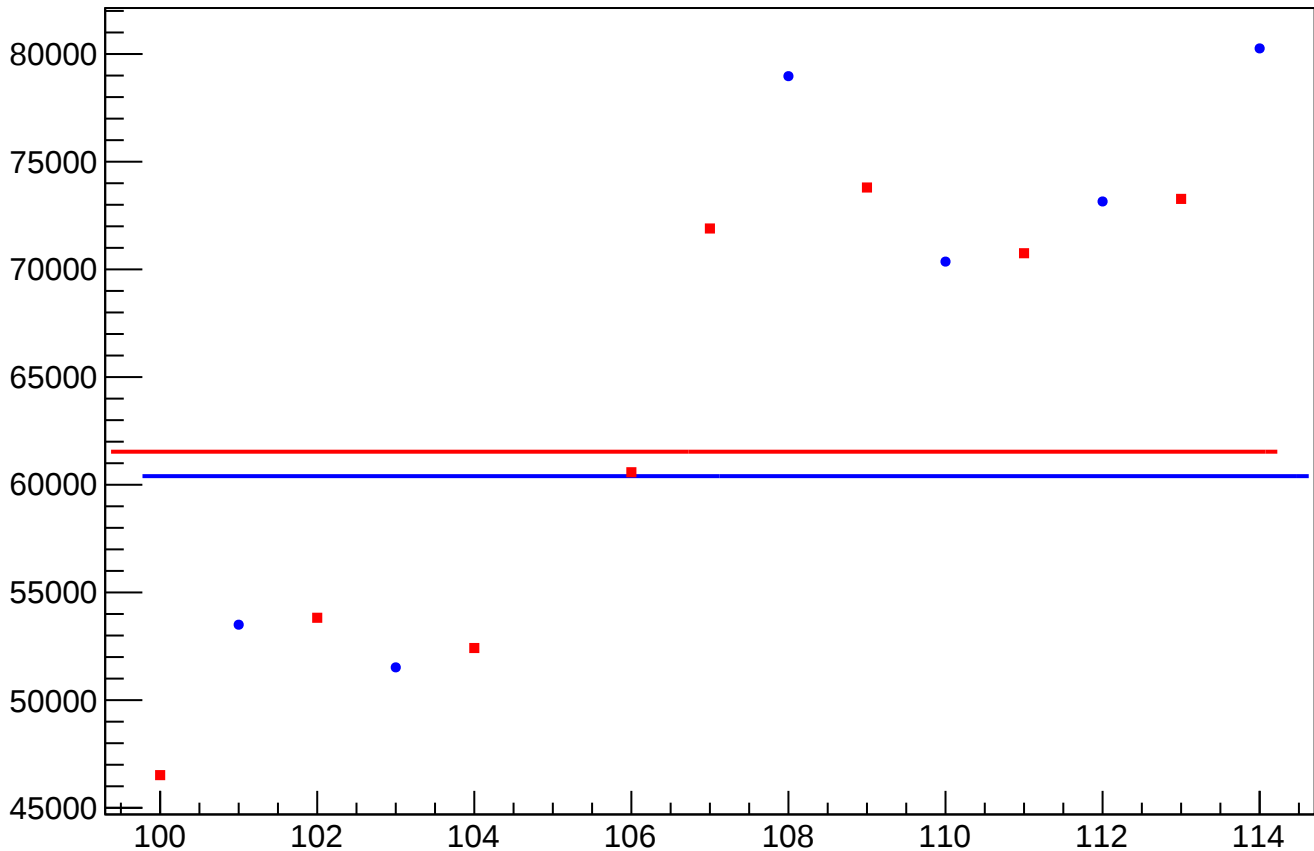
Right: -51.432+/-26.061 χ^2/NDF : 10.9/13

In: -71.358+/-39.017 χ^2/NDF : 3.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.432+/-26.061 χ^2/NDF : 10.9/13

diff_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 60400.173+/-27.589 χ^2/NDF : 151529.4/5

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

Right Out: 61535.173+/-24.762 χ^2/NDF : 147939.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

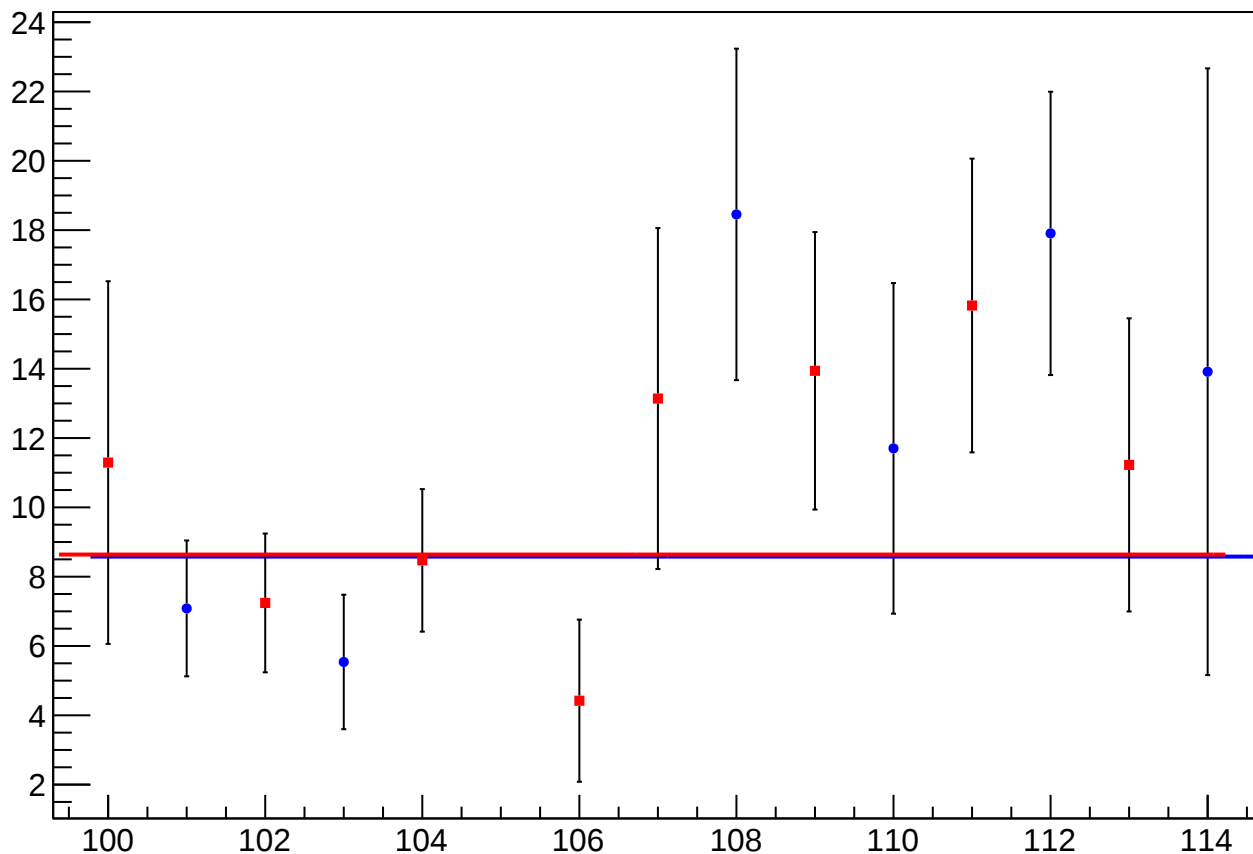
Right: 61028.795+/-18.428 χ^2/NDF : 300406.1/13

In: 60400.173+/-27.589 χ^2/NDF : 151529.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61028.795+/-18.428 χ^2/NDF : 300406.1/13

diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 8.579+/-1.207 χ^2/NDF : 13.3/5

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

Right Out: 8.639+/-1.042 χ^2/NDF : 9.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

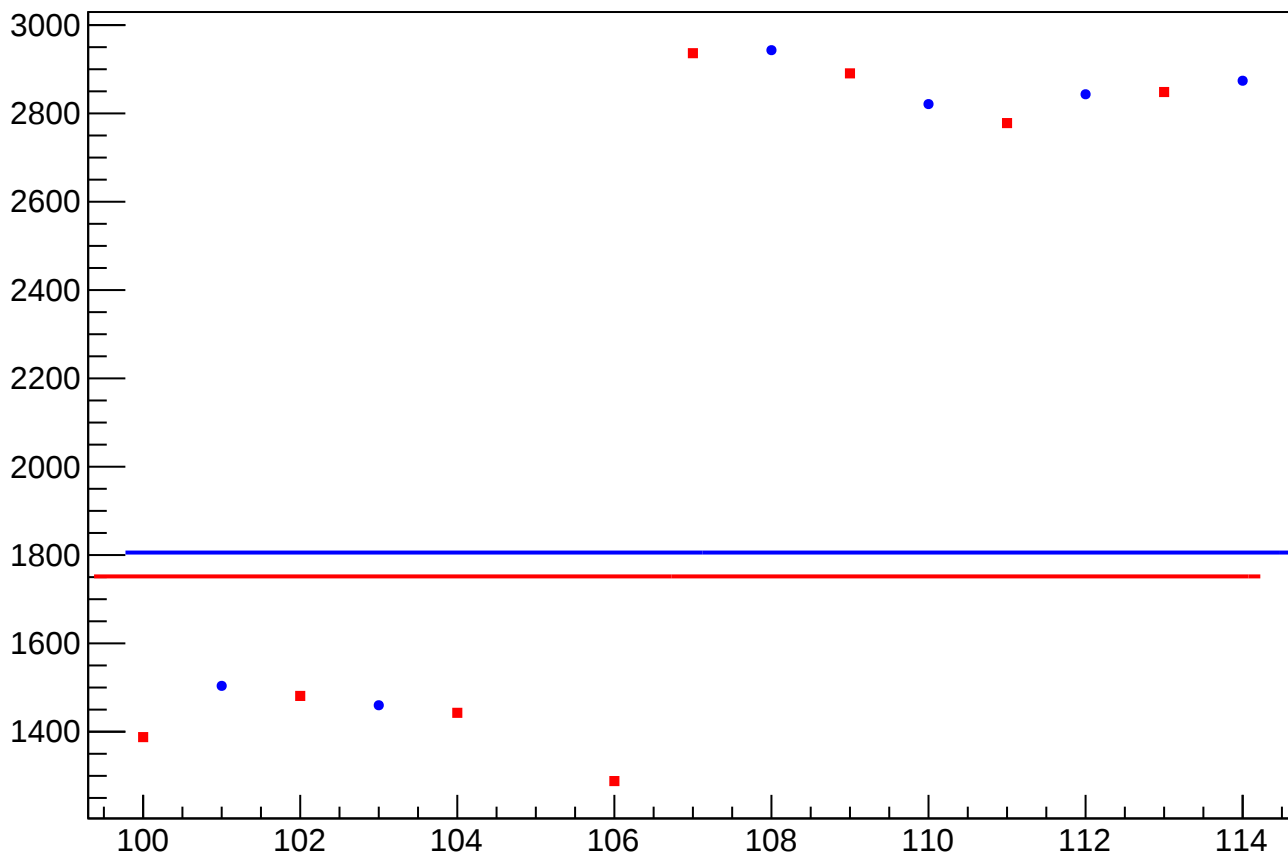
Right: 8.613+/-0.789 χ^2/NDF : 23.1/13

In: 8.579+/-1.207 χ^2/NDF : 13.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.613+/-0.789 χ^2/NDF : 23.1/13

diff_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 1805.648+/-0.853 χ^2/NDF : 473459.0/5

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

Right Out: 1751.626+/-0.737 χ^2/NDF : 699522.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

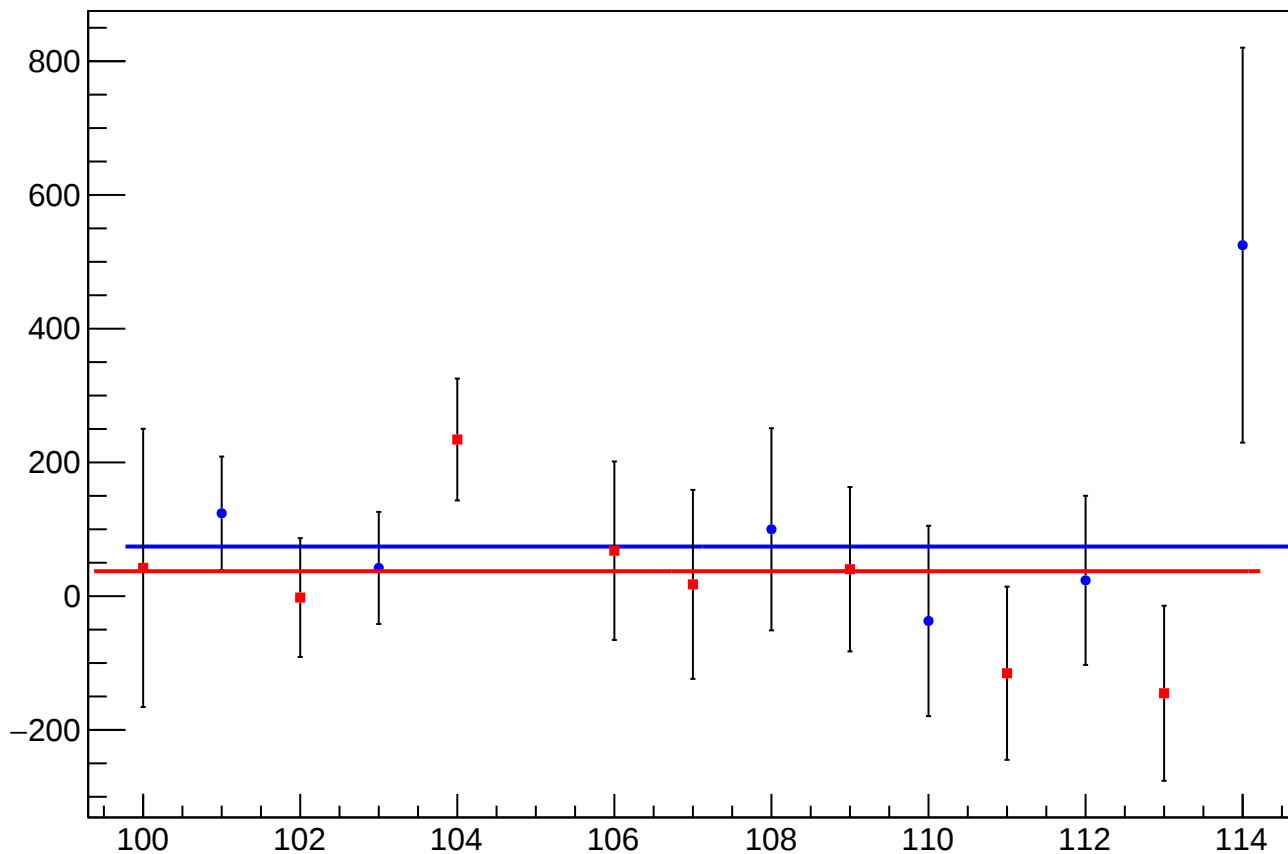
Right: 1774.706+/-0.558 χ^2/NDF : 1175276.8/13

In: 1805.648+/-0.853 χ^2/NDF : 473459.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1774.706+/-0.558 χ^2/NDF : 1175276.8/13

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 74.227 $\pm$ 47.209 χ^2 /NDF: 3.6/5

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

Right Out: 37.347 $\pm$ 42.237 χ^2 /NDF: 8.3/7

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

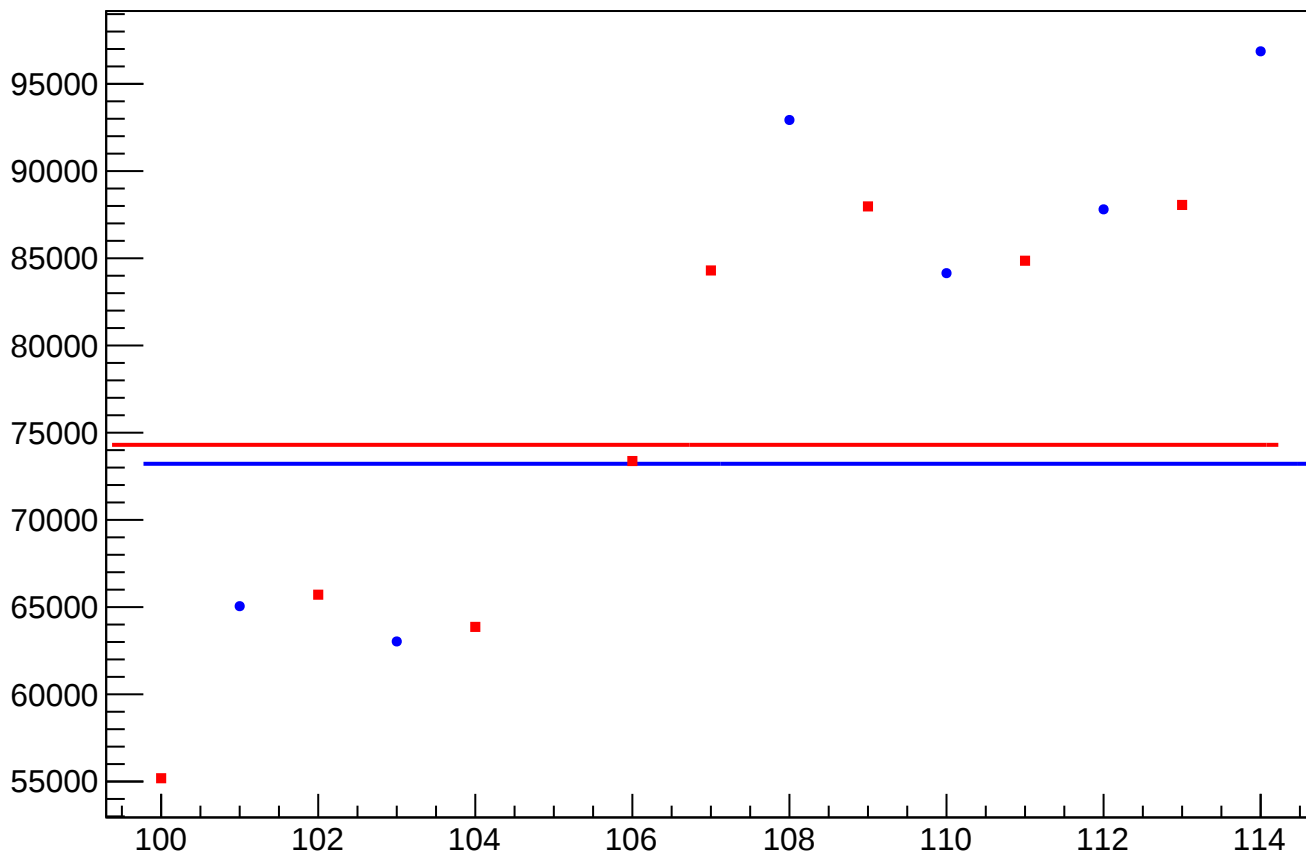
Right: 53.743 $\pm$ 31.478 χ^2 /NDF: 12.2/13

In: 74.227 $\pm$ 47.209 χ^2 /NDF: 3.6/5

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

All: 53.743 $\pm$ 31.478 χ^2 /NDF: 12.2/13

diff_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 73217.149+/-33.382 χ^2/NDF : 133379.8/5

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

Right Out: 74303.599+/-29.866 χ^2/NDF : 132044.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

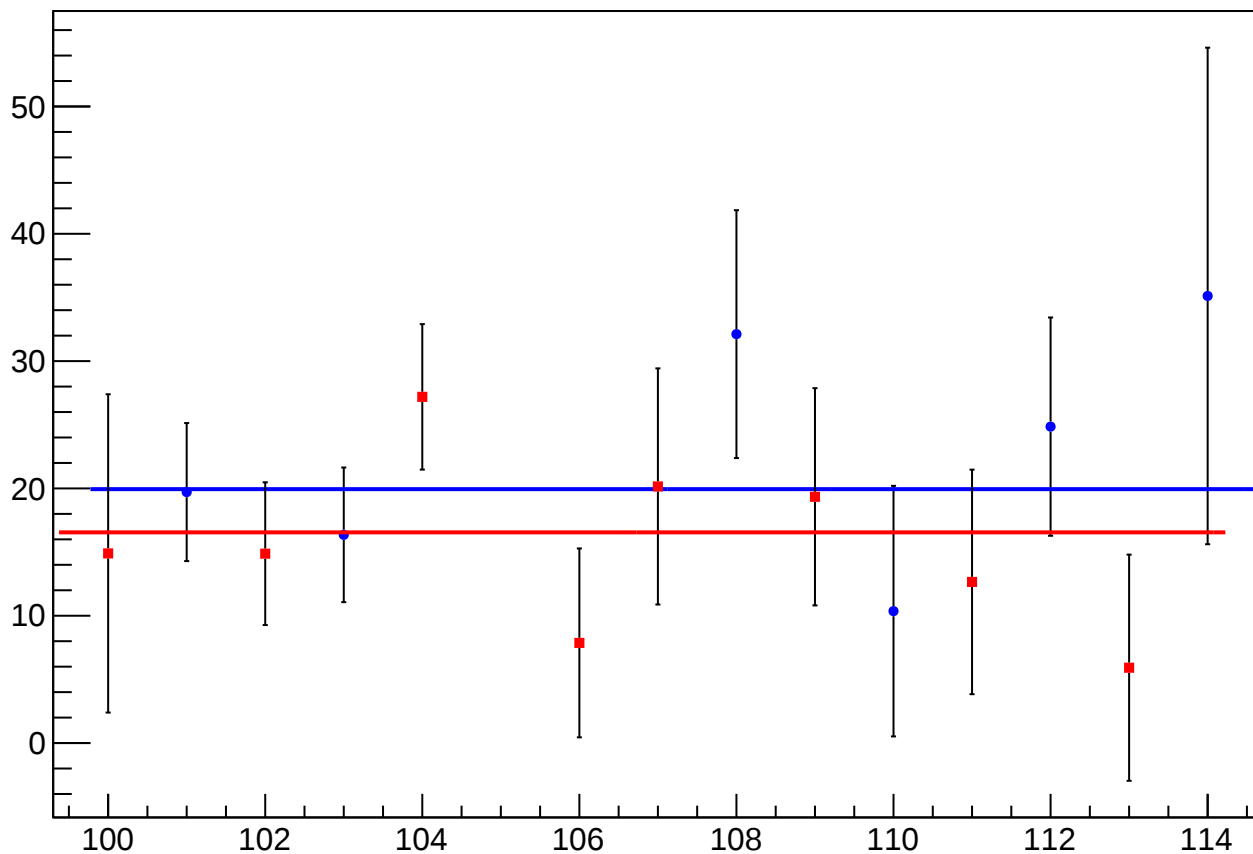
Right: 73820.581+/-22.258 χ^2/NDF : 266013.0/13

In: 73217.149+/-33.382 χ^2/NDF : 133379.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73820.581+/-22.258 χ^2/NDF : 266013.0/13

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 19.944 $\pm$ 3.058 χ^2 /NDF: 3.9/5

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

Right Out: 16.549 $\pm$ 2.693 χ^2 /NDF: 6.8/7

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

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

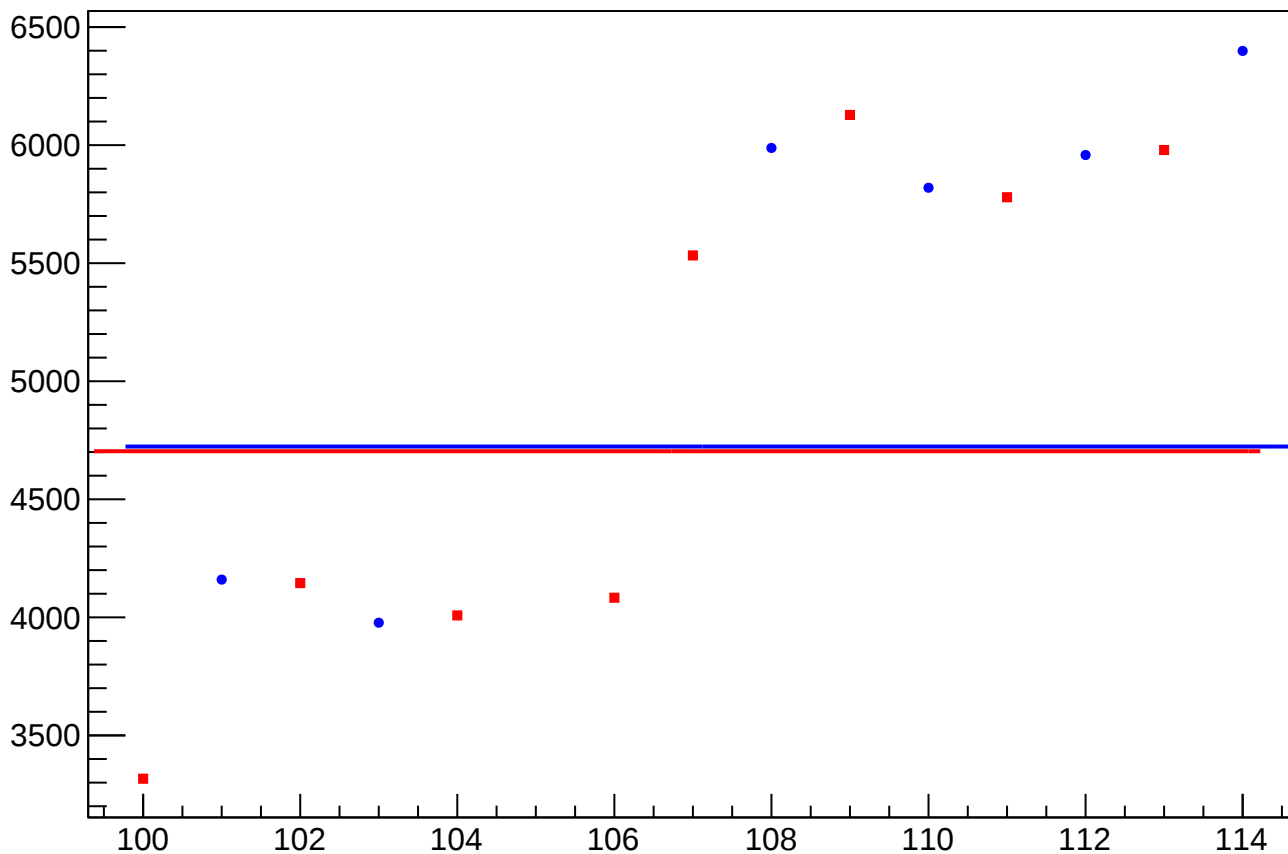
Right: 18.031 $\pm$ 2.021 χ^2 /NDF: 11.4/13

In: 19.944 $\pm$ 3.058 χ^2 /NDF: 3.9/5

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

All: 18.031 $\pm$ 2.021 χ^2 /NDF: 11.4/13

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 4723.423+/-2.163 χ^2/NDF : 176244.8/5

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

Right Out: 4703.576+/-1.904 χ^2/NDF : 230870.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

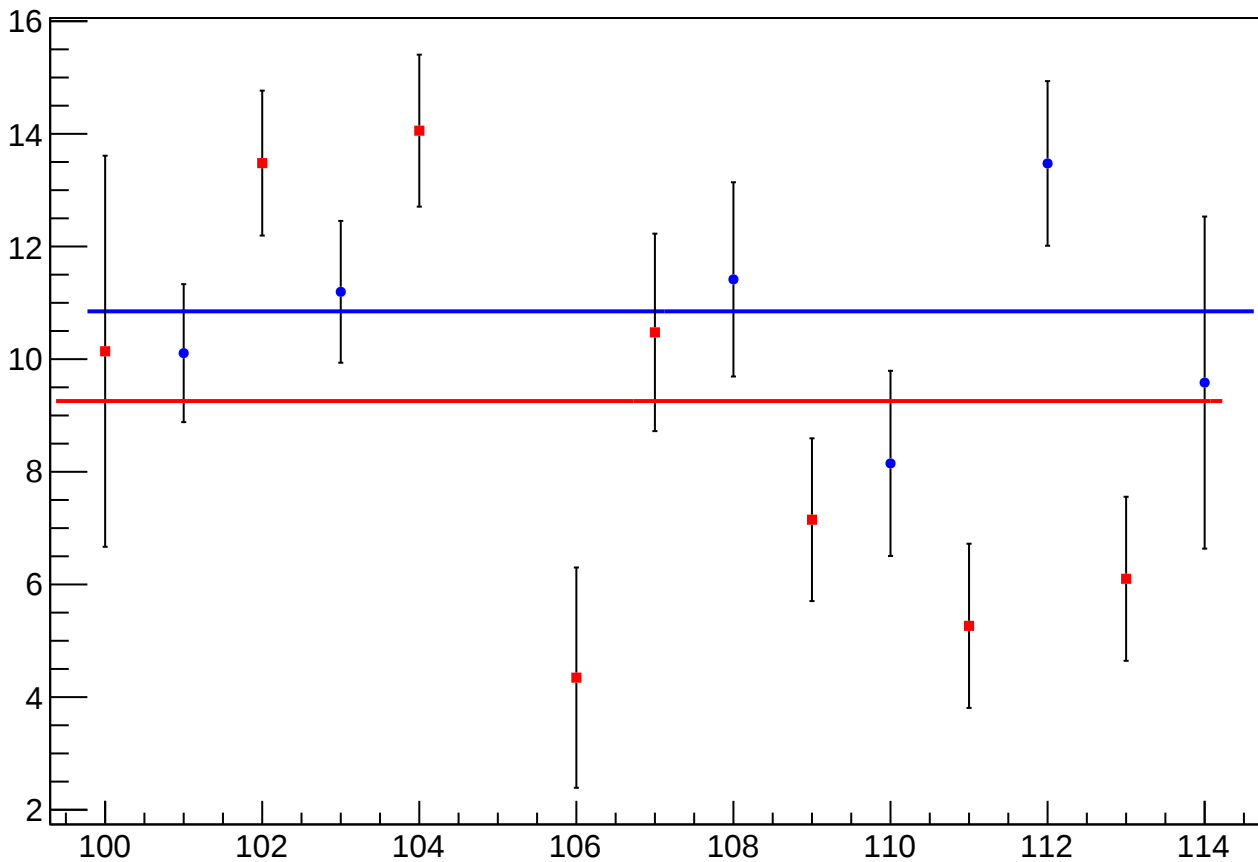
Right: 4712.242+/-1.429 χ^2/NDF : 407162.9/13

In: 4723.423+/-2.163 χ^2/NDF : 176244.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4712.242+/-1.429 χ^2/NDF : 407162.9/13

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 10.849 $\pm$ 0.622 χ^2 /NDF: 6.7/5

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

Right Out: 9.256 $\pm$ 0.555 χ^2 /NDF: 44.6/7

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

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

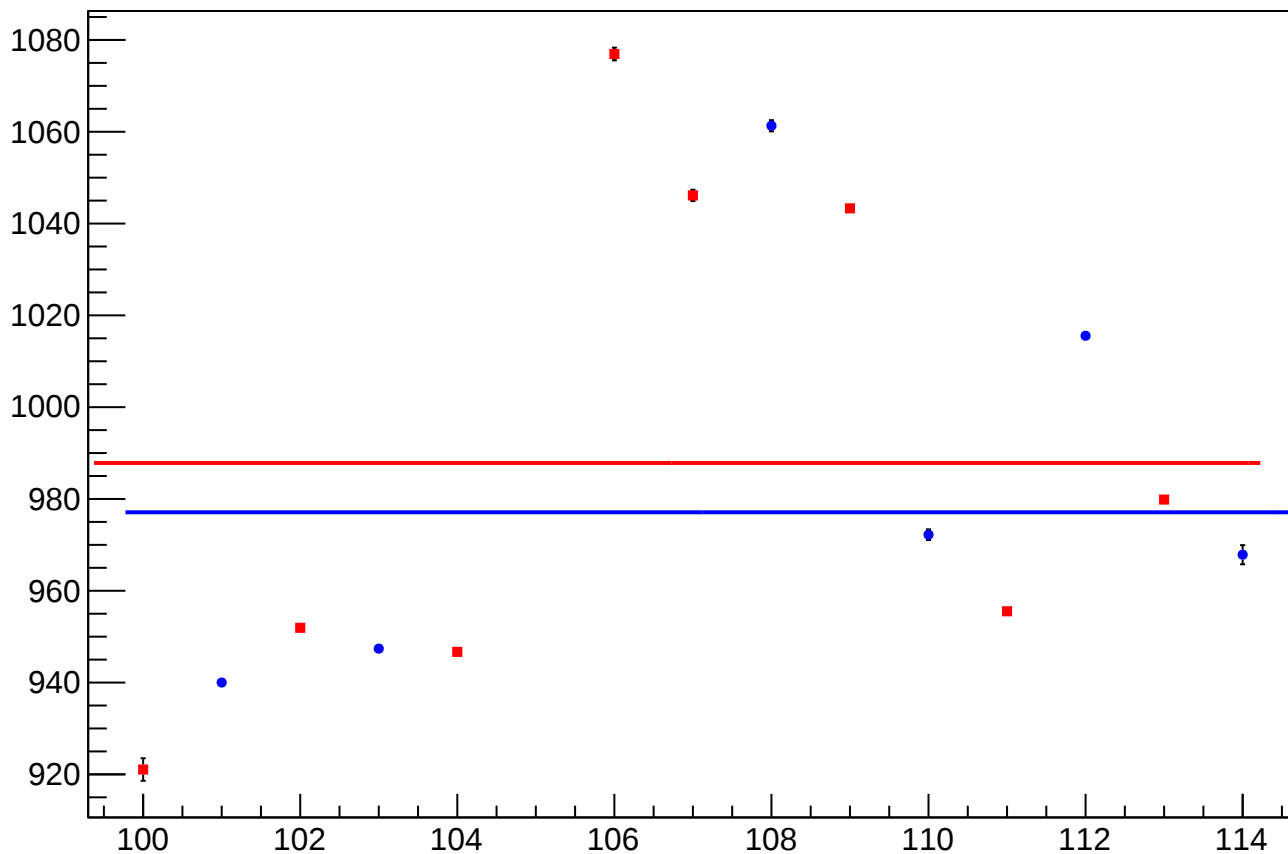
Right: 9.962 $\pm$ 0.414 χ^2 /NDF: 54.9/13

In: 10.849 $\pm$ 0.622 χ^2 /NDF: 6.7/5

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

All: 9.962 $\pm$ 0.414 χ^2 /NDF: 54.9/13

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 977.096+/-0.440 χ^2/NDF : 9139.1/5

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

Right Out: 987.848+/-0.393 χ^2/NDF : 14512.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

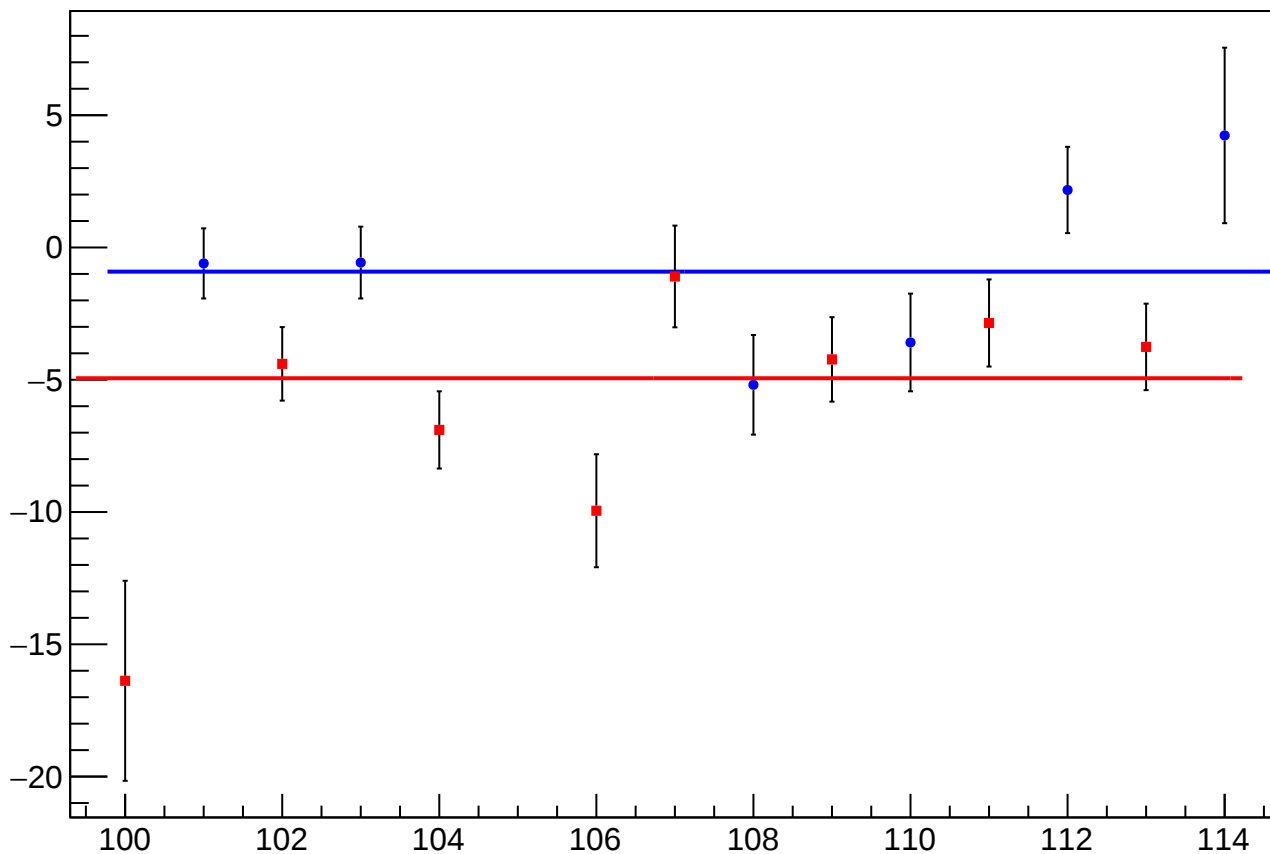
Right: 983.079+/-0.293 χ^2/NDF : 23984.4/13

In: 977.096+/-0.440 χ^2/NDF : 9139.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 983.079+/-0.293 χ^2/NDF : 23984.4/13

diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -0.913+/-0.681 χ^2 /NDF: 13.4/5

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

Right Out: -4.943+/-0.611 χ^2 /NDF: 22.9/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

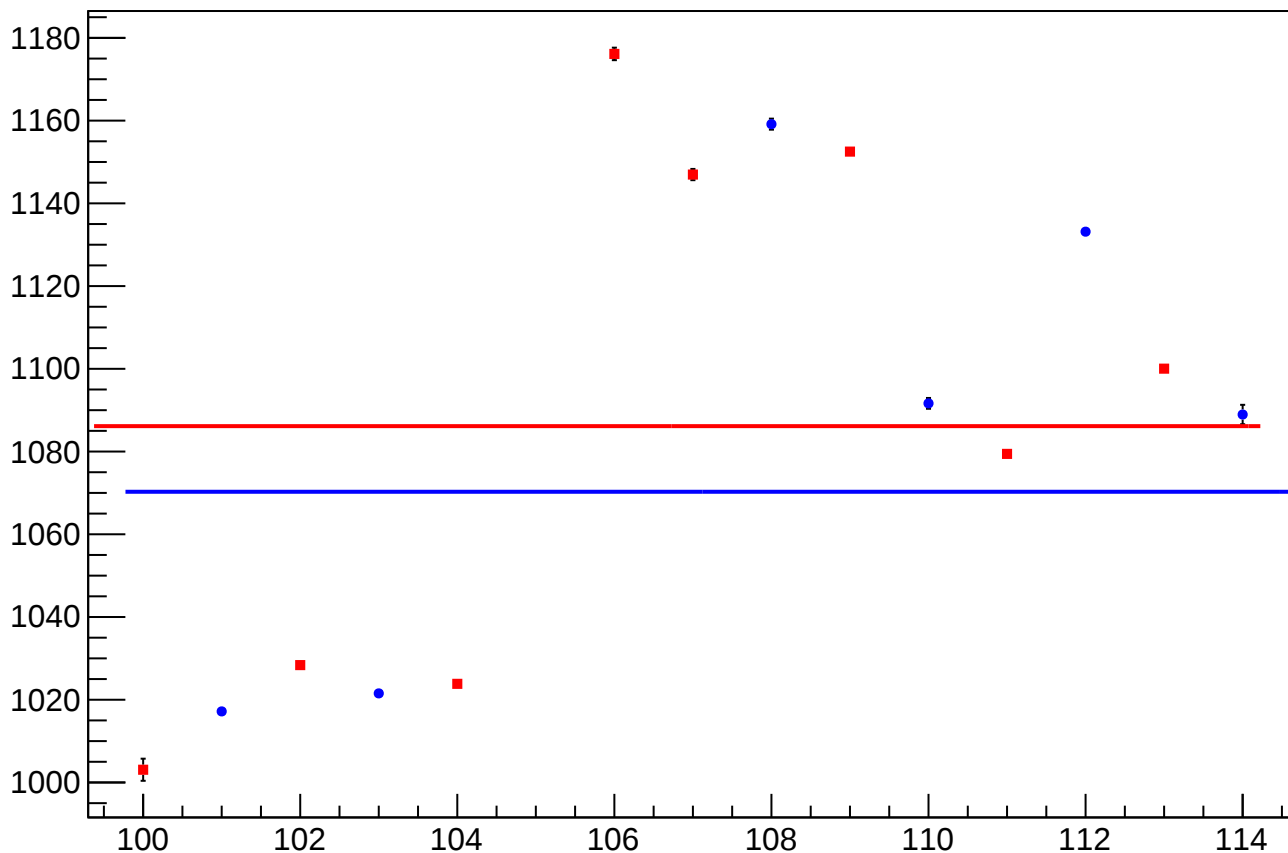
Right: -3.148+/-0.455 χ^2 /NDF: 55.7/13

In: -0.913+/-0.681 χ^2 /NDF:13.4/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -3.148+/-0.455 χ^2 /NDF: 55.7/13

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 1070.278+/-0.482 χ^2/NDF : 13545.3/5

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

Right Out: 1086.141+/-0.432 χ^2/NDF : 17253.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

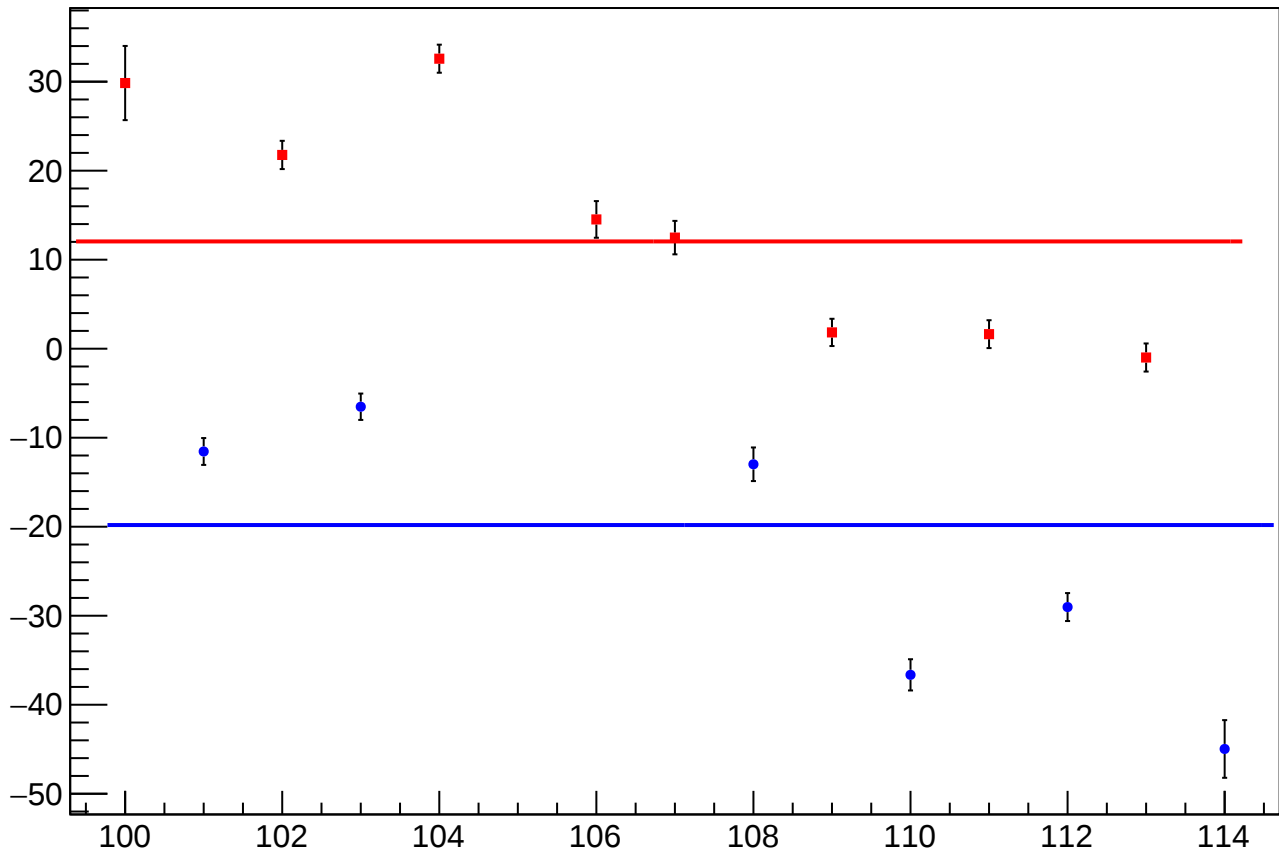
Right: 1079.077+/-0.322 χ^2/NDF : 31400.5/13

In: 1070.278+/-0.482 χ^2/NDF : 13545.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1079.077+/-0.322 χ^2/NDF : 31400.5/13

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -19.812 ± 0.707 χ^2/NDF : 310.4/5

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

Right Out: 12.051 ± 0.619 χ^2/NDF : 383.9/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

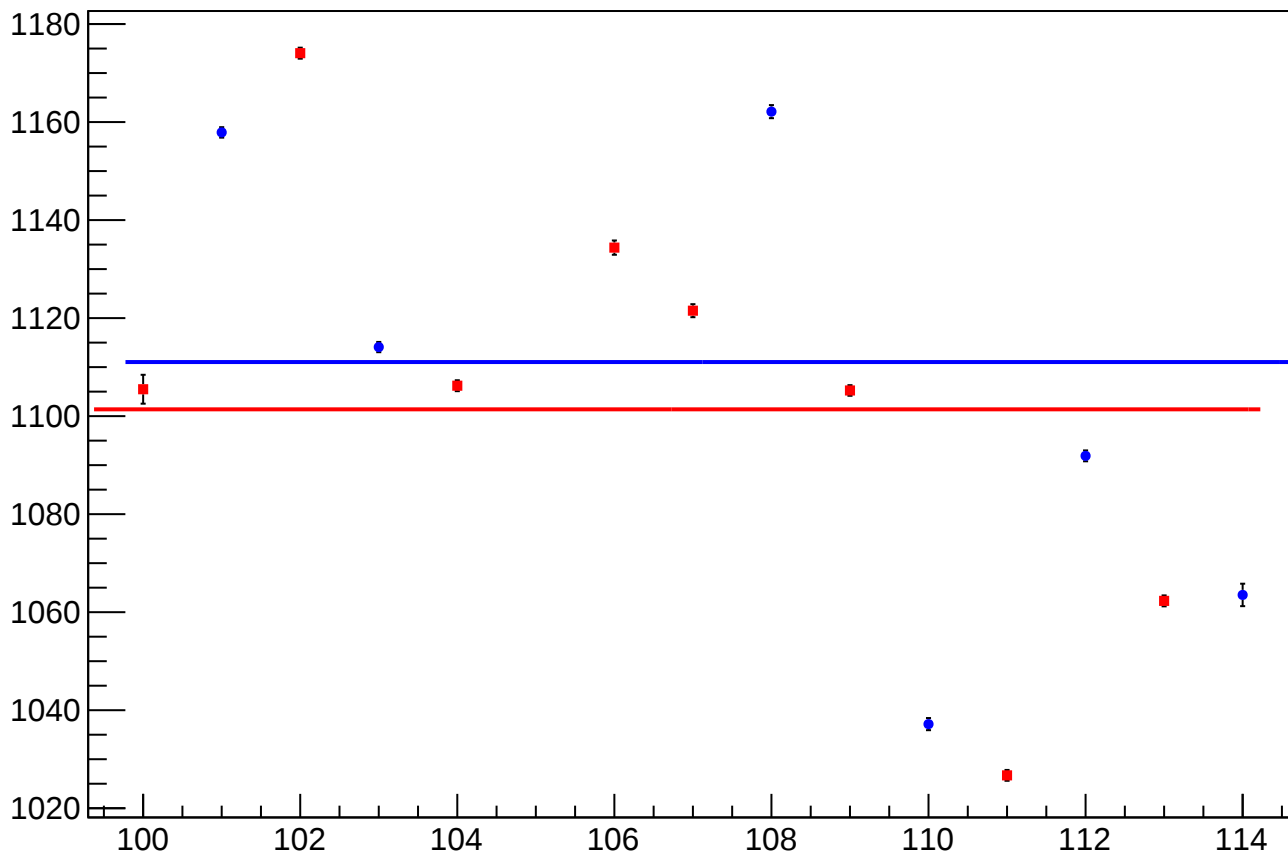
Right: -1.772 ± 0.466 χ^2/NDF : 1844.6/13

In: -19.812 ± 0.707 χ^2/NDF : 310.4/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.772 ± 0.466 χ^2/NDF : 1844.6/13

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 1111.036+/-0.500 χ^2/NDF : 7676.8/5

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

Right Out: 1101.388+/-0.438 χ^2/NDF : 10742.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

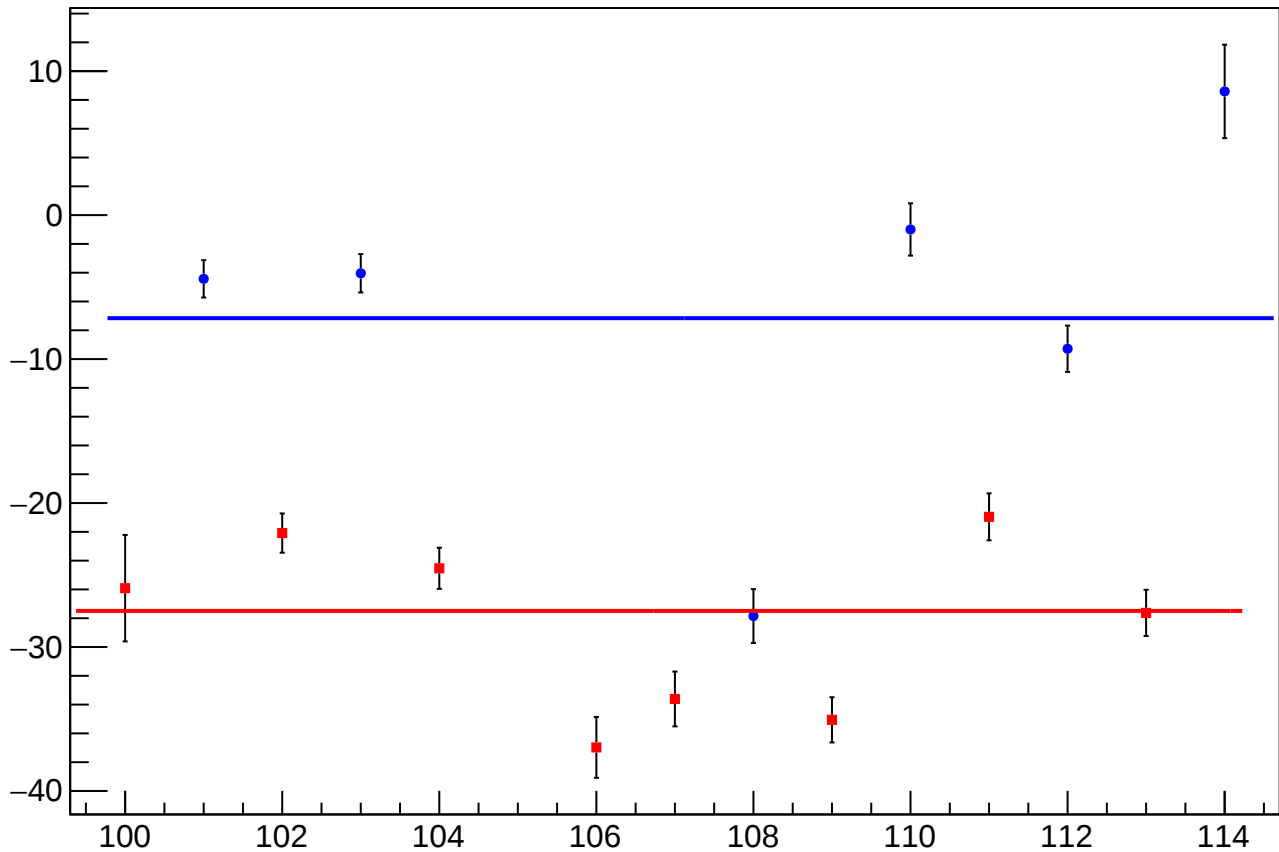
Right: 1105.574+/-0.329 χ^2/NDF : 18630.1/13

In: 1111.036+/-0.500 χ^2/NDF : 7676.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1105.574+/-0.329 χ^2/NDF : 18630.1/13

diff_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -7.159+/-0.670 χ^2/NDF : 169.3/5

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

Right Out: -27.493+/-0.601 χ^2/NDF : 90.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

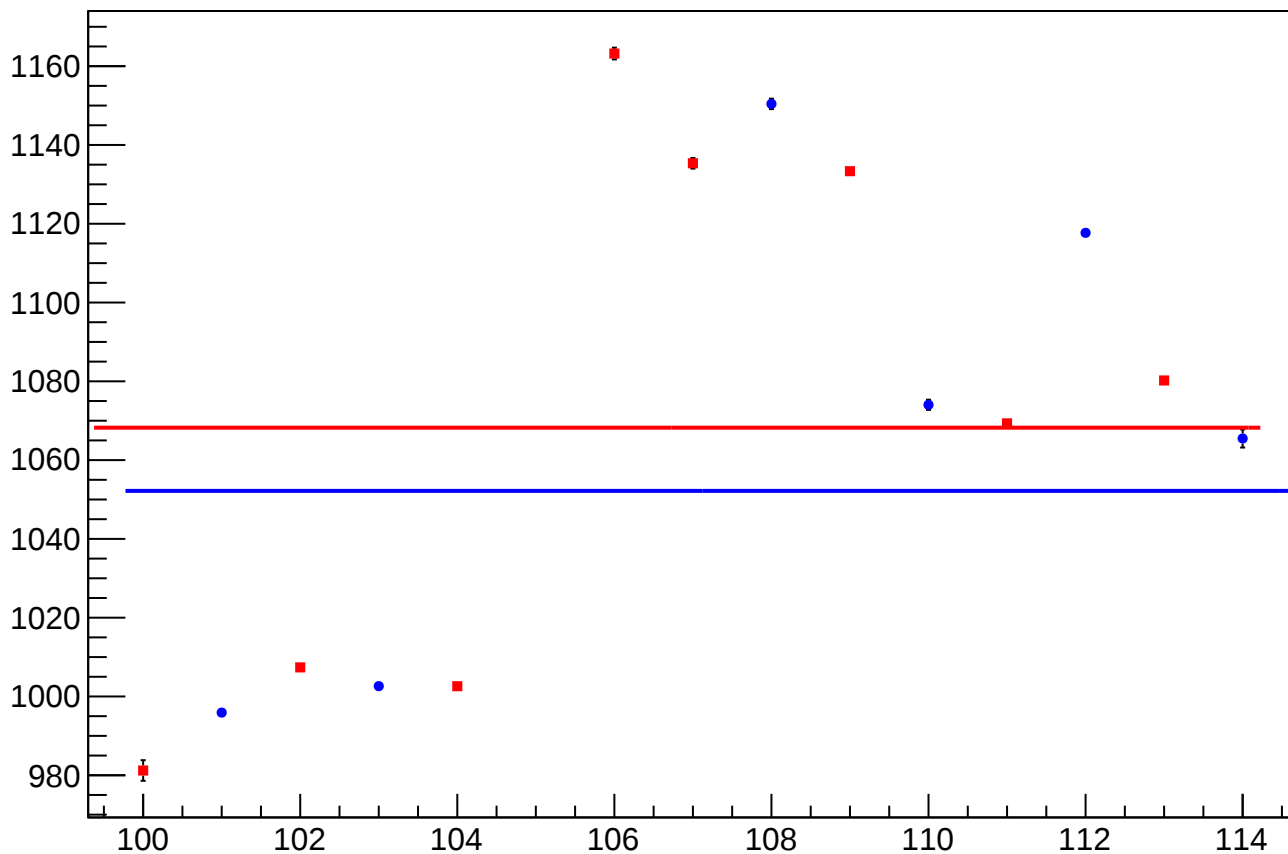
Right: -18.433+/-0.447 χ^2/NDF : 770.1/13

In: -7.159+/-0.670 χ^2/NDF : 169.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.433+/-0.447 χ^2/NDF : 770.1/13

diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 1052.187 $\pm$ 0.474 χ^2 /NDF: 15695.9/5

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

Right Out: 1068.233 $\pm$ 0.425 χ^2 /NDF: 19409.9/7

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

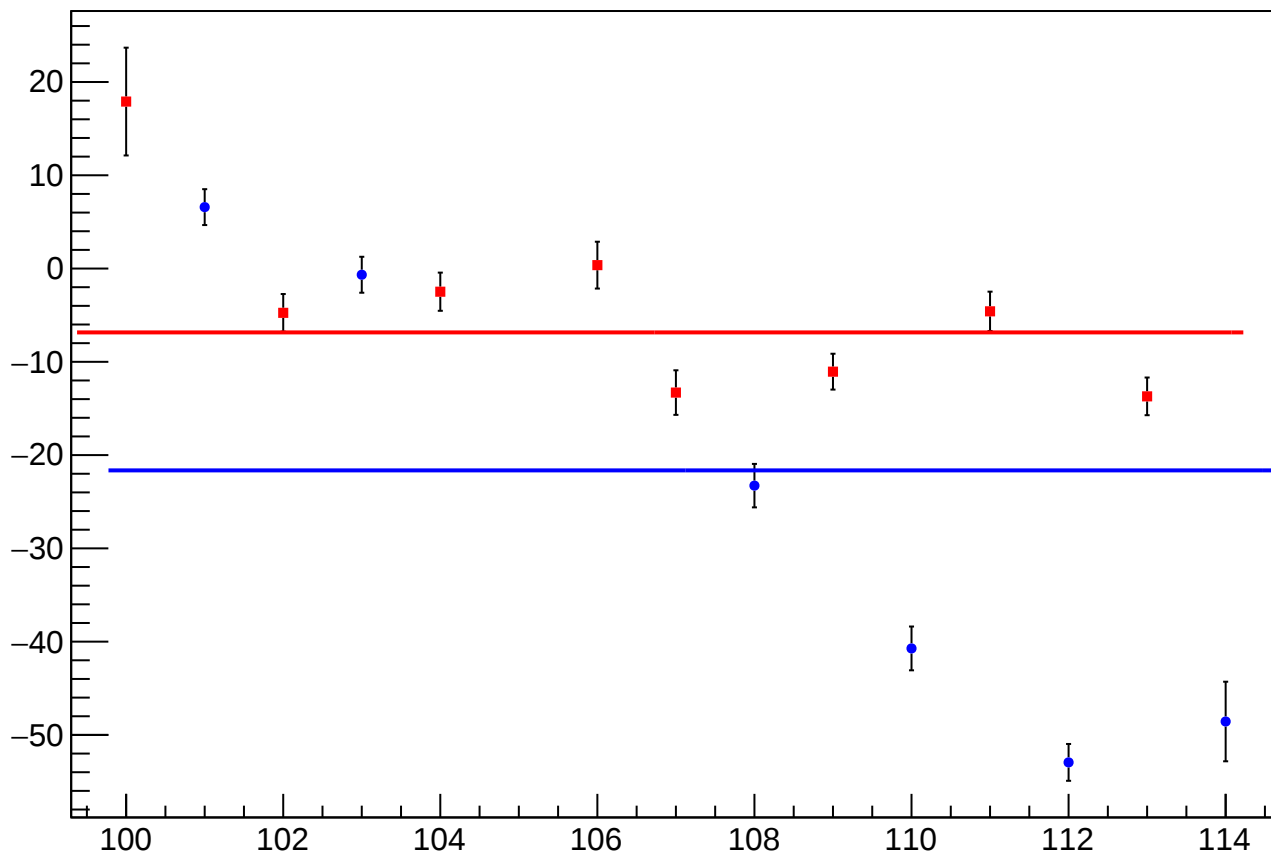
Right: 1061.084 $\pm$ 0.316 χ^2 /NDF: 35742.0/13

In: 1052.187 $\pm$ 0.474 χ^2 /NDF:15695.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1061.084 $\pm$ 0.316 χ^2 /NDF: 35742.0/13

diff_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -21.640 $\pm$ 0.907 χ^2 /NDF: 691.6/5

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

Right Out: -6.847 $\pm$ 0.793 χ^2 /NDF: 57.0/7

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

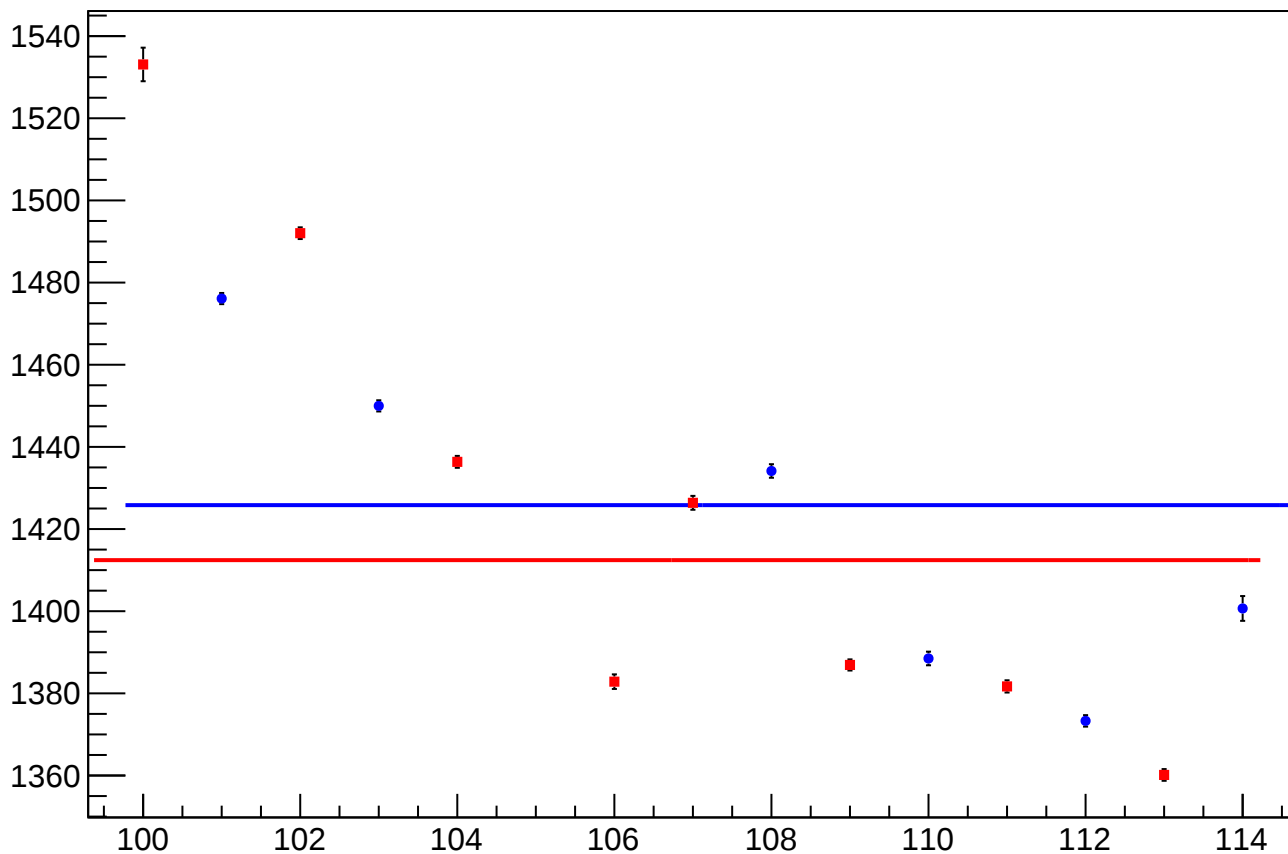
Right: -13.261 $\pm$ 0.597 χ^2 /NDF: 899.4/13

In: -21.640 $\pm$ 0.907 χ^2 /NDF:691.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.261 $\pm$ 0.597 χ^2 /NDF: 899.4/13

diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1425.821+/-0.641 χ^2/NDF : 3697.7/5

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

Right Out: 1412.431+/-0.561 χ^2/NDF : 6725.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

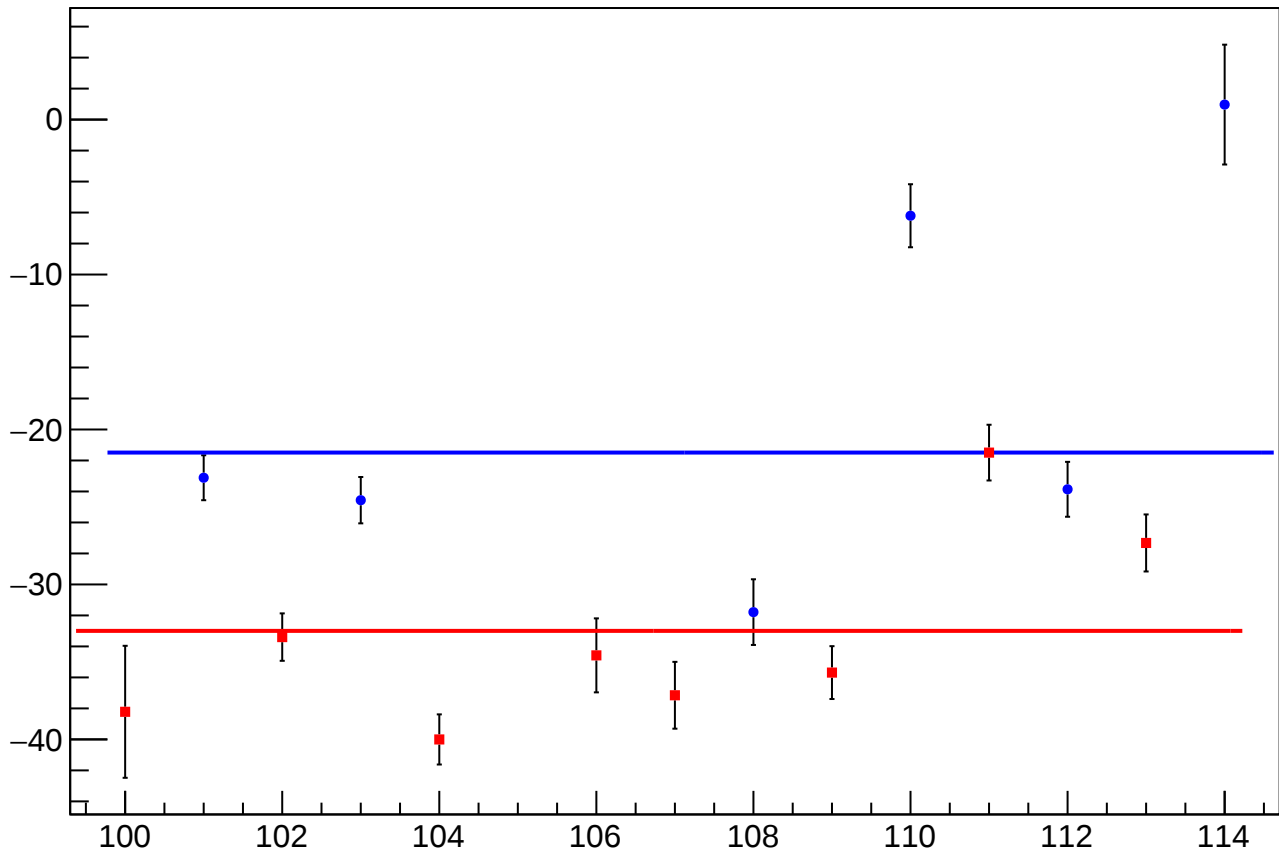
Right: 1418.237+/-0.422 χ^2/NDF : 10669.8/13

In: 1425.821+/-0.641 χ^2/NDF : 3697.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1418.237+/-0.422 χ^2/NDF : 10669.8/13

diff_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -21.489 ± 0.751 χ^2/NDF : 121.1/5

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

Right Out: -32.997 ± 0.674 χ^2/NDF : 77.4/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

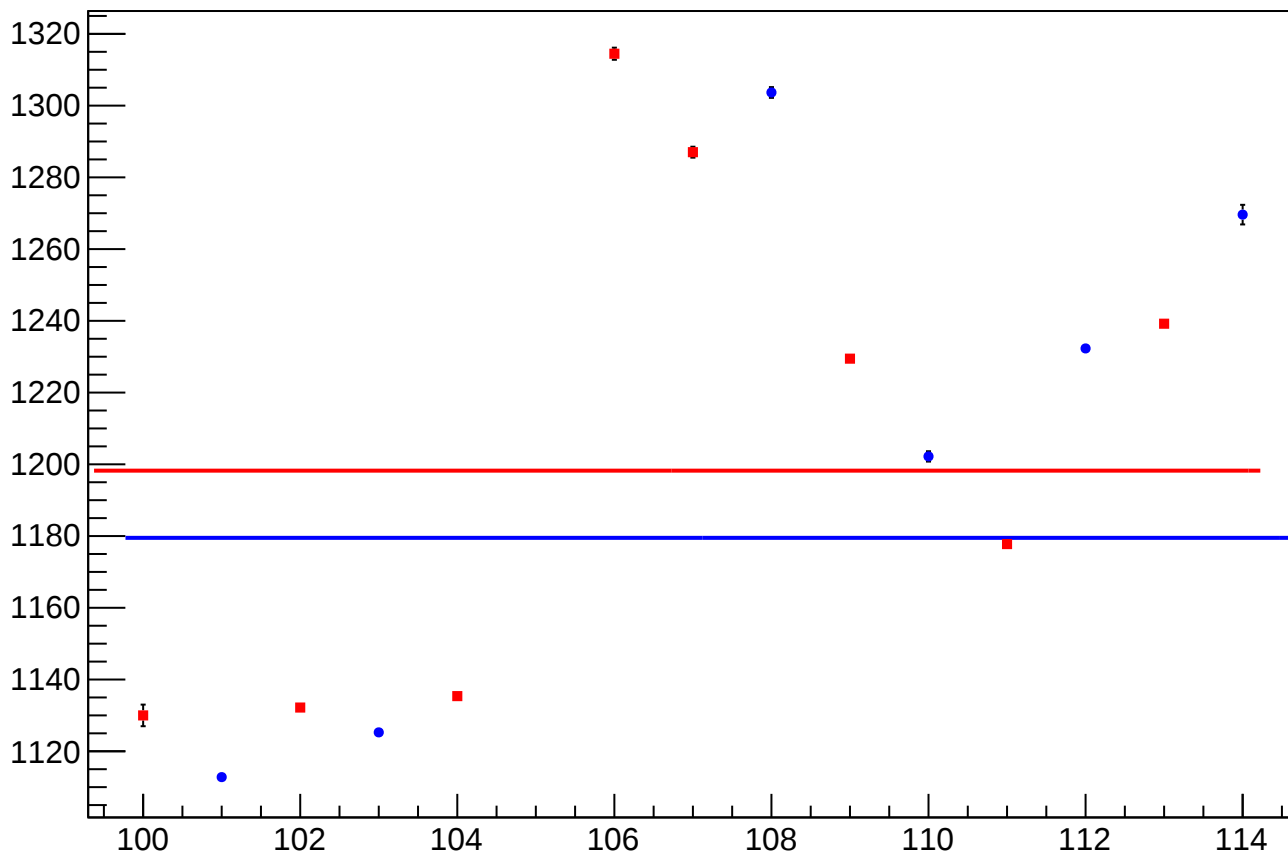
Right: -27.866 ± 0.502 χ^2/NDF : 328.5/13

In: -21.489 ± 0.751 χ^2/NDF : 121.1/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -27.866 ± 0.502 χ^2/NDF : 328.5/13

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1179.501+/-0.531 χ^2/NDF : 16841.4/5

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

Right Out: 1198.235+/-0.476 χ^2/NDF : 17309.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

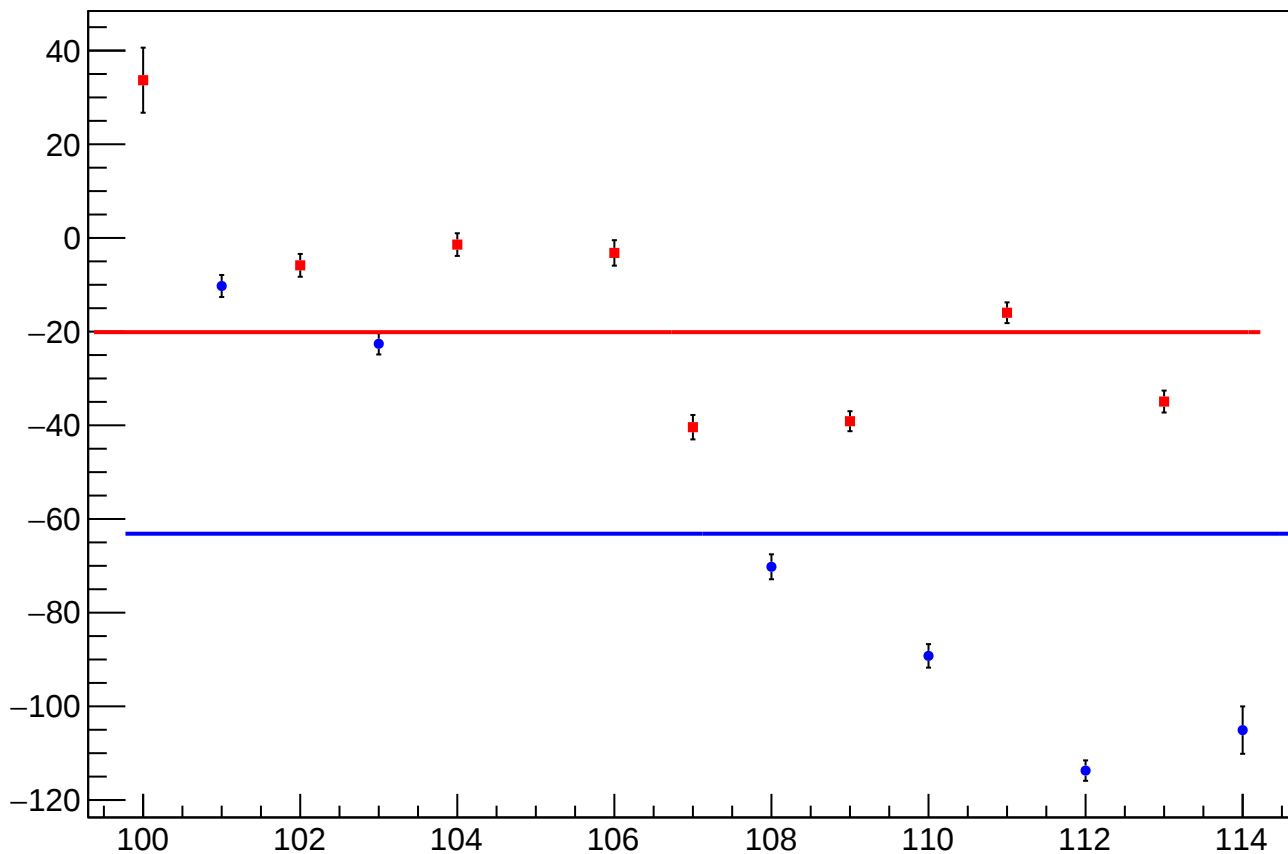
Right: 1189.882+/-0.355 χ^2/NDF : 34840.7/13

In: 1179.501+/-0.531 χ^2/NDF : 16841.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1189.882+/-0.355 χ^2/NDF : 34840.7/13

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -63.144+/-1.041 χ^2/NDF : 1546.1/5

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

Right Out: -20.115+/-0.895 χ^2/NDF : 376.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

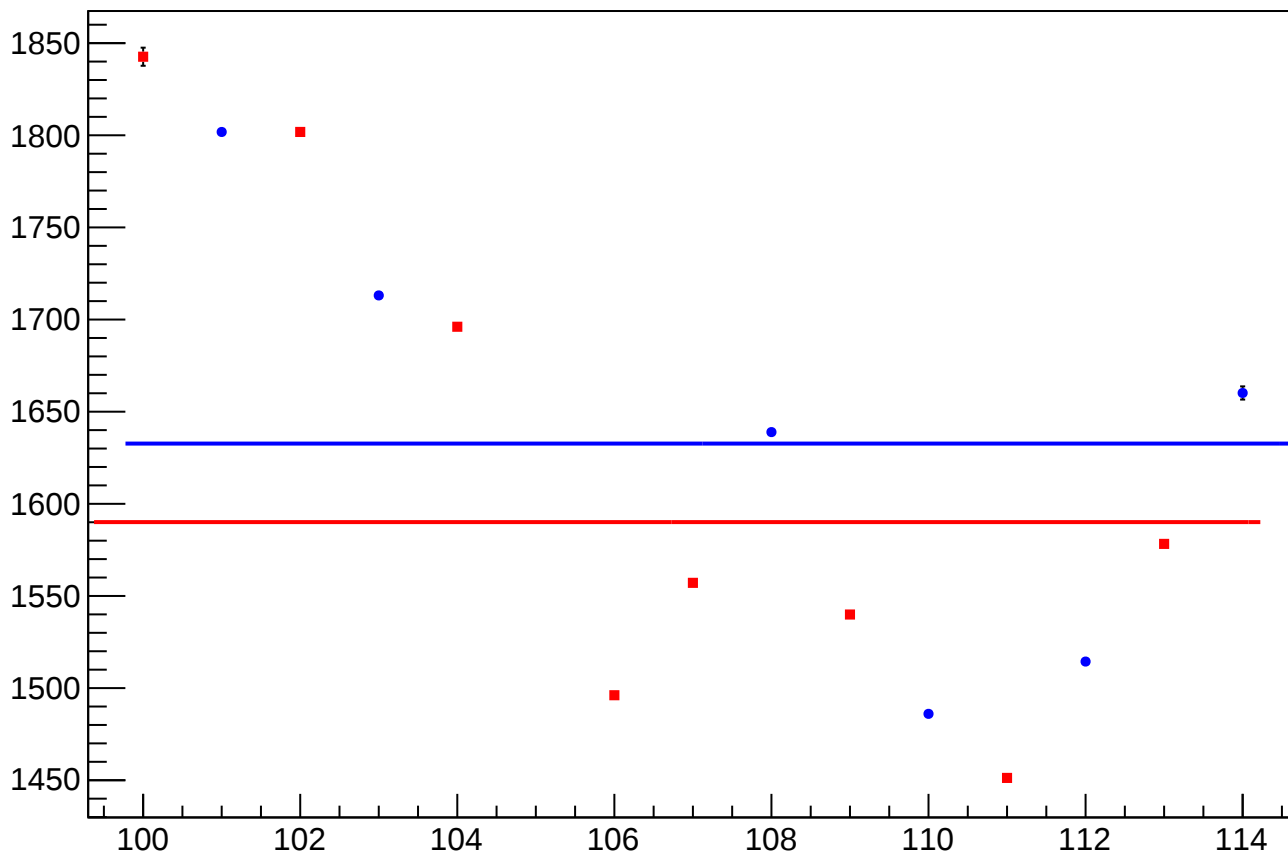
Right: -38.406+/-0.679 χ^2/NDF : 2904.9/13

In: -63.144+/-1.041 χ^2/NDF : 1546.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.406+/-0.679 χ^2/NDF : 2904.9/13

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1632.694+/-0.736 χ^2/NDF : 25639.7/5

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

Right Out: 1590.082+/-0.633 χ^2/NDF : 33328.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

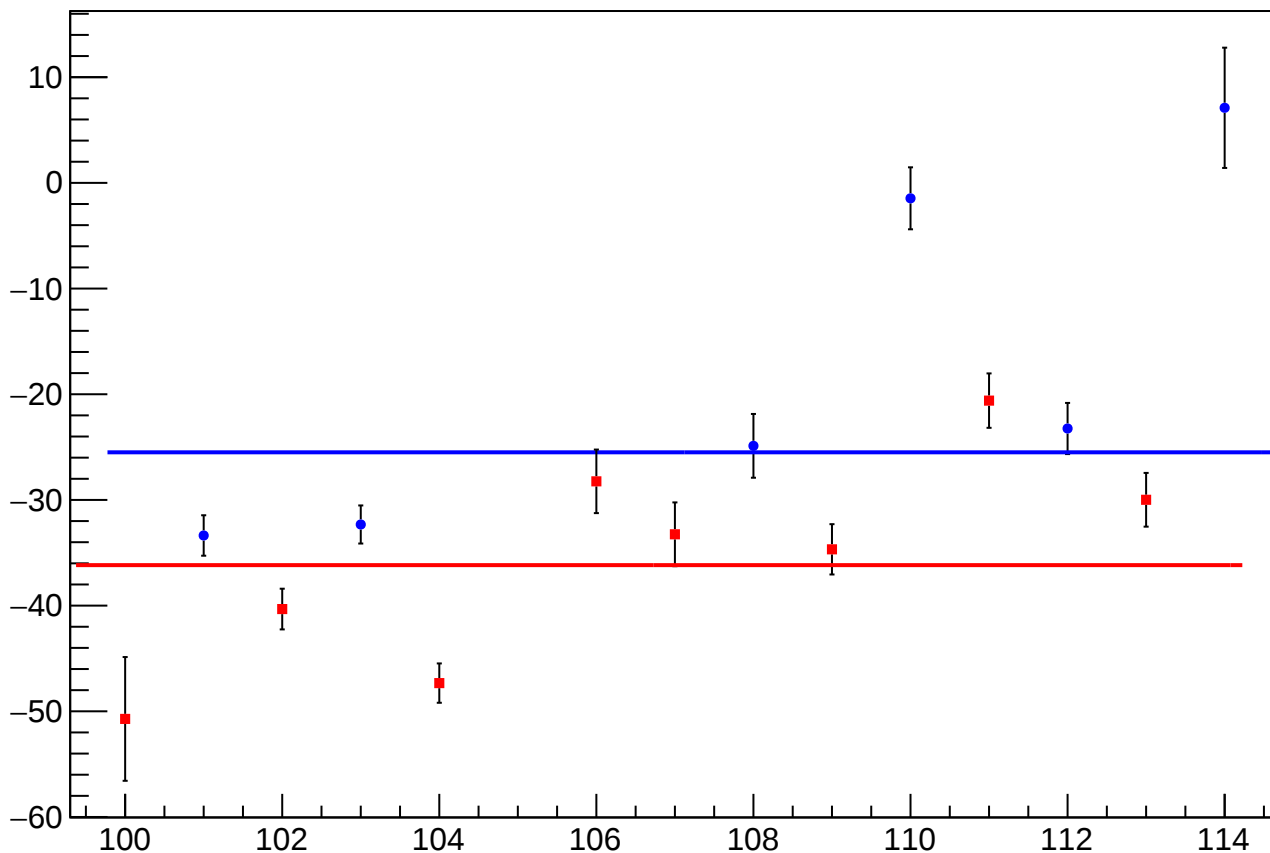
Right: 1608.196+/-0.480 χ^2/NDF : 60895.1/13

In: 1632.694+/-0.736 χ^2/NDF : 25639.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1608.196+/-0.480 χ^2/NDF : 60895.1/13

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -25.495 $\pm$ 0.996 χ^2 /NDF: 132.2/5

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

Right Out: -36.169 $\pm$ 0.880 χ^2 /NDF: 97.6/7

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

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

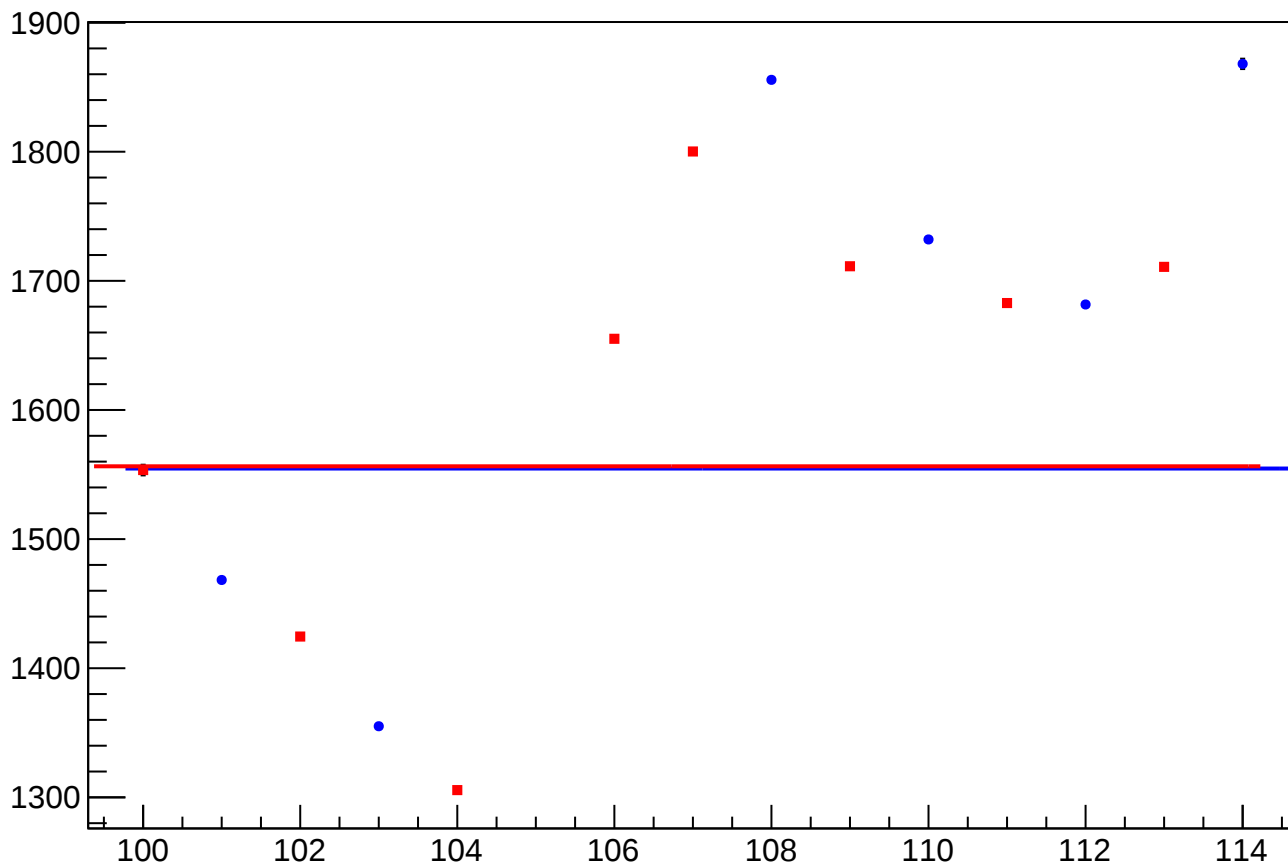
Right: -31.485 $\pm$ 0.660 χ^2 /NDF: 294.3/13

In: -25.495 $\pm$ 0.996 χ^2 /NDF:132.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -31.485 $\pm$ 0.660 χ^2 /NDF: 294.3/13

diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1554.651+/-0.704 χ^2/NDF : 67409.0/5

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

Right Out: 1556.379+/-0.623 χ^2/NDF : 81567.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

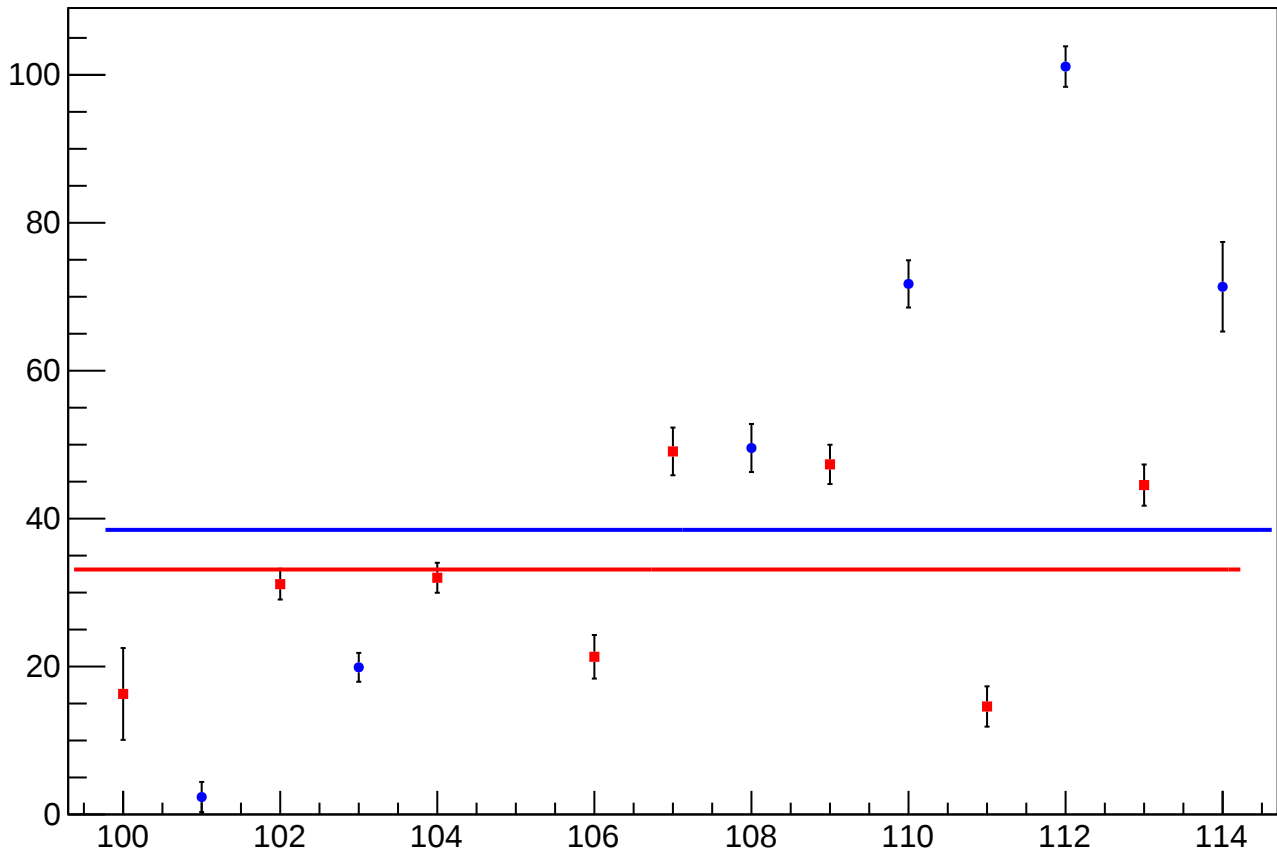
Right: 1555.621+/-0.466 χ^2/NDF : 148979.9/13

In: 1554.651+/-0.704 χ^2/NDF : 67409.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1555.621+/-0.466 χ^2/NDF : 148979.9/13

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 38.481+/-1.081 χ^2/NDF : 1076.2/5

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

Right Out: 33.121+/-0.946 χ^2/NDF : 140.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

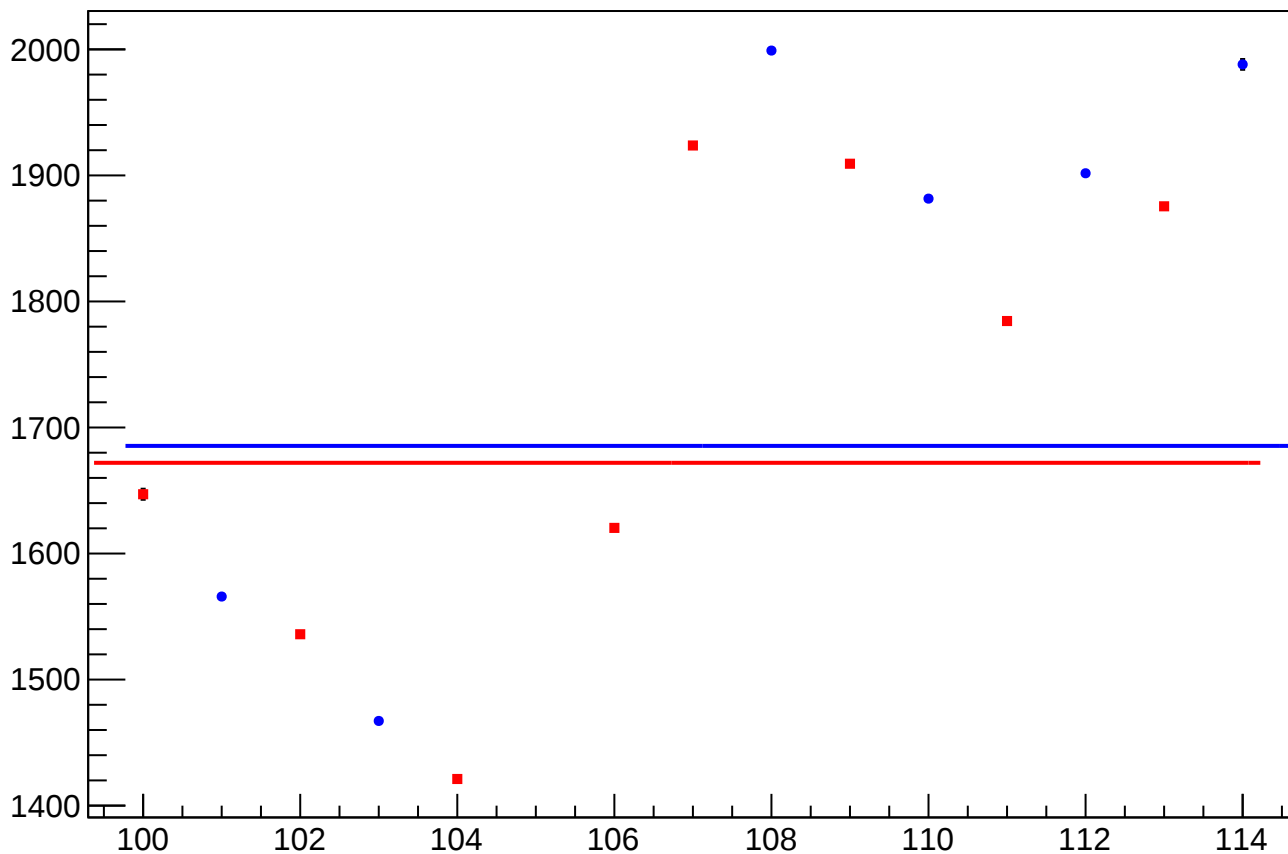
Right: 35.445+/-0.712 χ^2/NDF : 1230.8/13

In: 38.481+/-1.081 χ^2/NDF : 1076.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.445+/-0.712 χ^2/NDF : 1230.8/13

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1685.409 $\pm$ 0.764 χ^2 /NDF: 75519.8/5

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

Right Out: 1671.983 $\pm$ 0.669 χ^2 /NDF: 82139.5/7

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

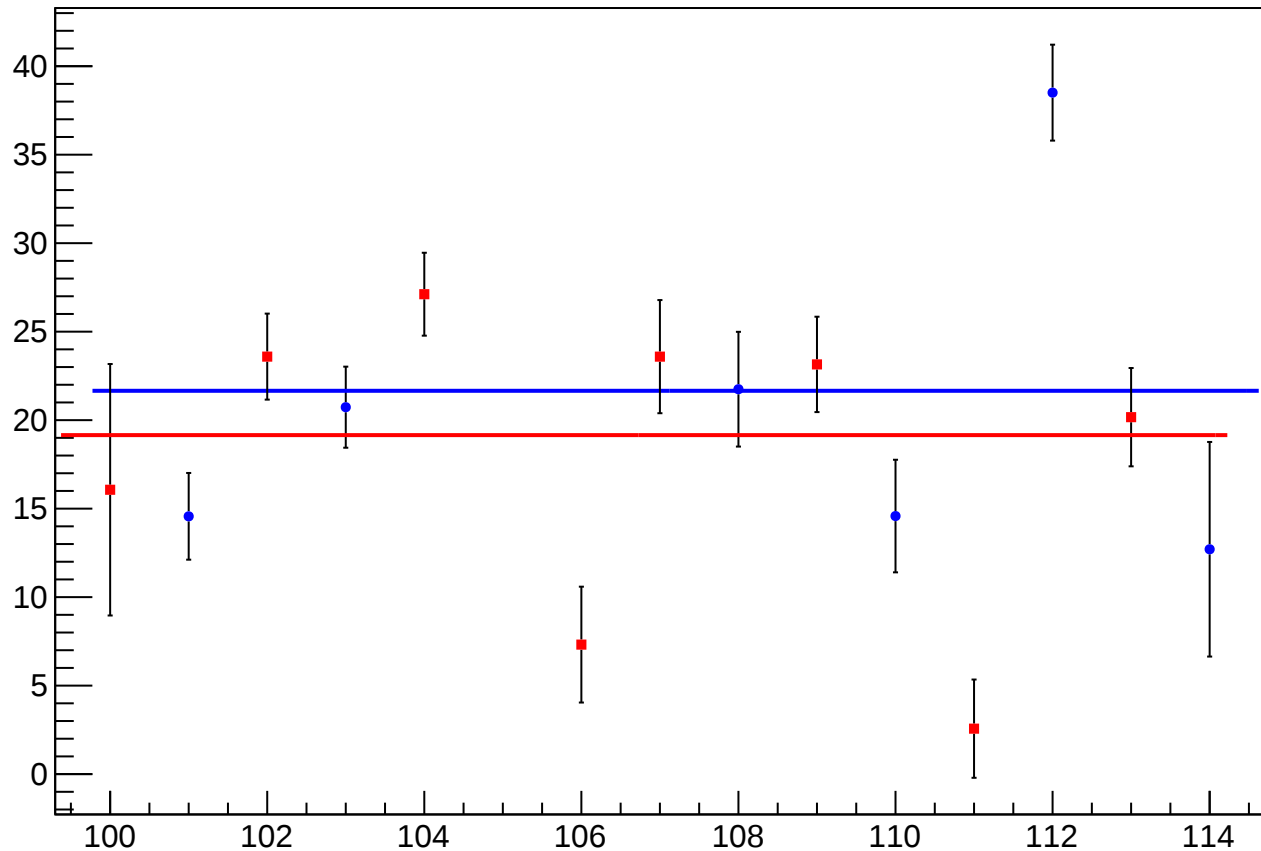
Right: 1677.804 $\pm$ 0.503 χ^2 /NDF: 157834.1/13

In: 1685.409 $\pm$ 0.764 χ^2 /NDF: 75519.8/5

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

All: 1677.804 $\pm$ 0.503 χ^2 /NDF: 157834.1/13

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 21.659 $\pm$ 1.183 χ^2 /NDF: 54.3/5

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

Right Out: 19.154 $\pm$ 1.021 χ^2 /NDF: 68.1/7

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

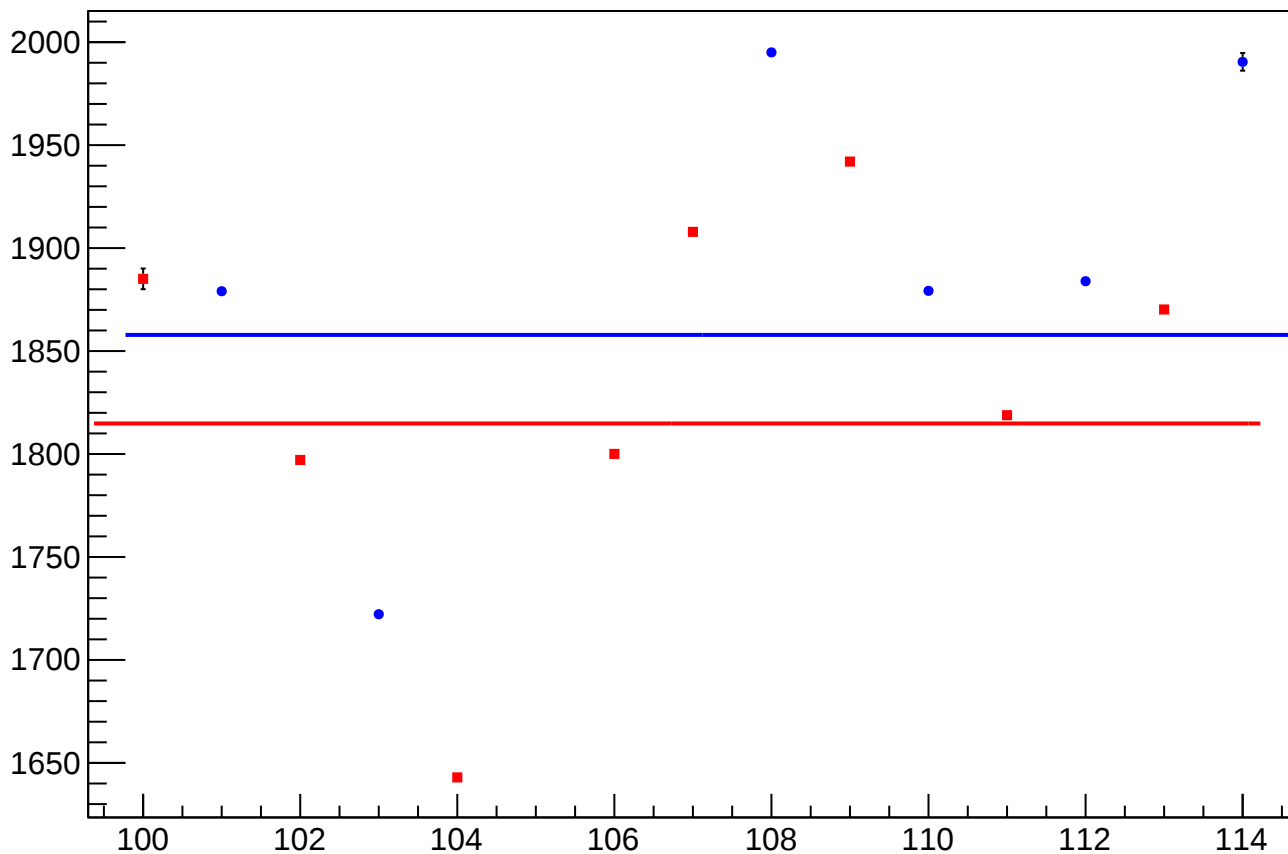
Right: 20.223 $\pm$ 0.773 χ^2 /NDF: 125.0/13

In: 21.659 $\pm$ 1.183 χ^2 /NDF: 54.3/5

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

All: 20.223 $\pm$ 0.773 χ^2 /NDF: 125.0/13

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1857.840 $\pm$ 0.837 χ^2 /NDF: 11977.6/5

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

Right Out: 1814.825 $\pm$ 0.722 χ^2 /NDF: 18060.0/7

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

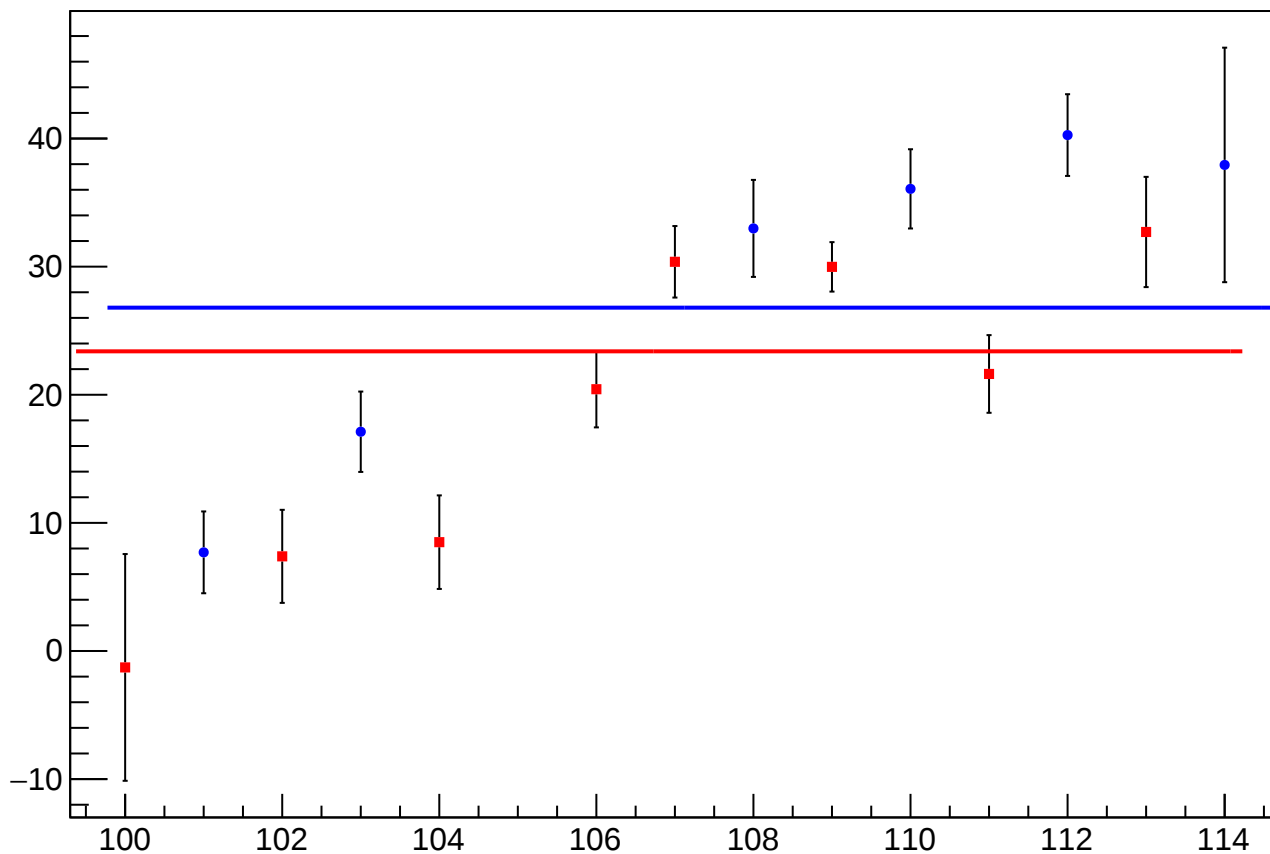
Right: 1833.182 $\pm$ 0.546 χ^2 /NDF: 31553.3/13

In: 1857.840 $\pm$ 0.837 χ^2 /NDF:11977.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1833.182 $\pm$ 0.546 χ^2 /NDF: 31553.3/13

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 26.799+/-1.437 χ^2/NDF : 76.3/5

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

Right Out: 23.390+/-1.094 χ^2/NDF : 67.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

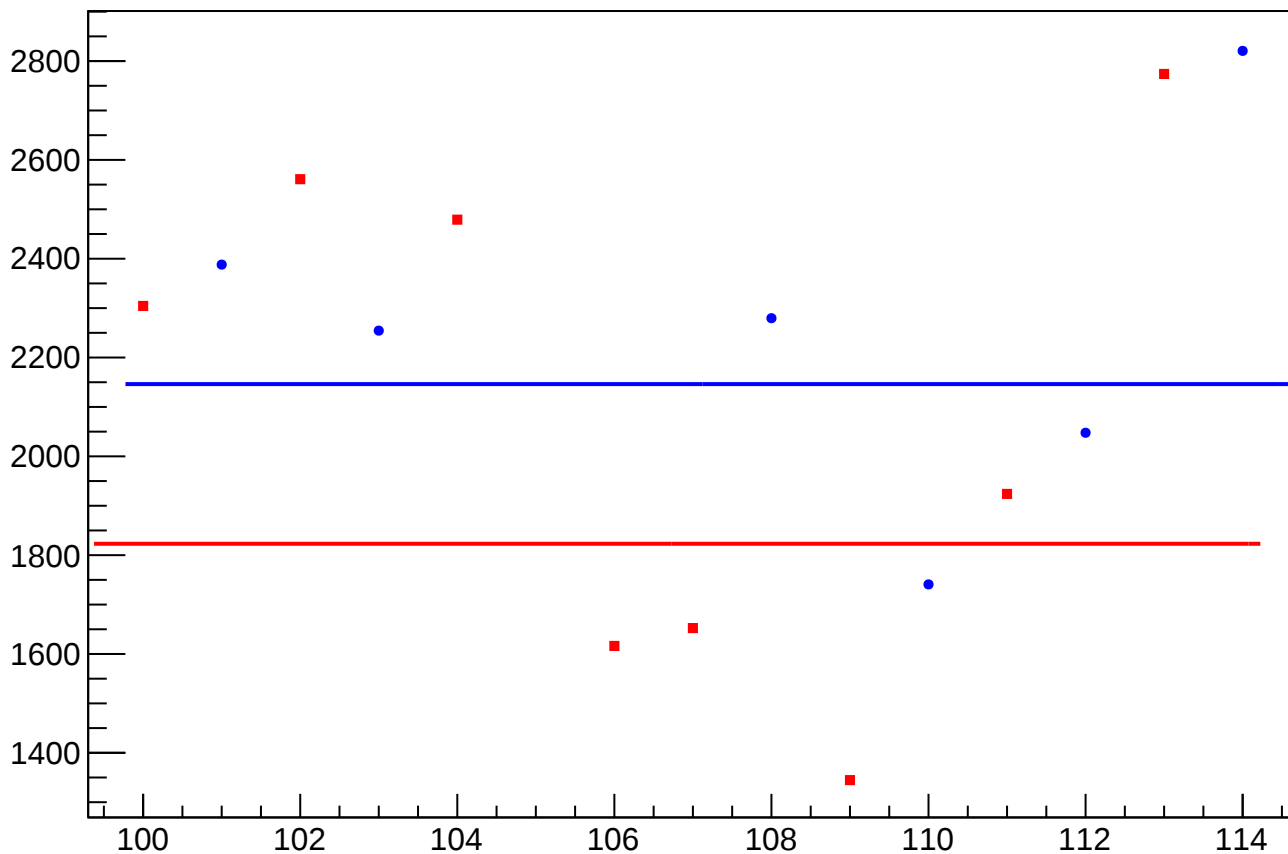
Right: 24.640+/-0.870 χ^2/NDF : 147.6/13

In: 26.799+/-1.437 χ^2/NDF : 76.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.640+/-0.870 χ^2/NDF : 147.6/13

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 2146.246 $\pm$ 1.016 χ^2/NDF : 63473.6/5

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

Right Out: 1823.087 $\pm$ 0.773 χ^2/NDF : 392943.1/7

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

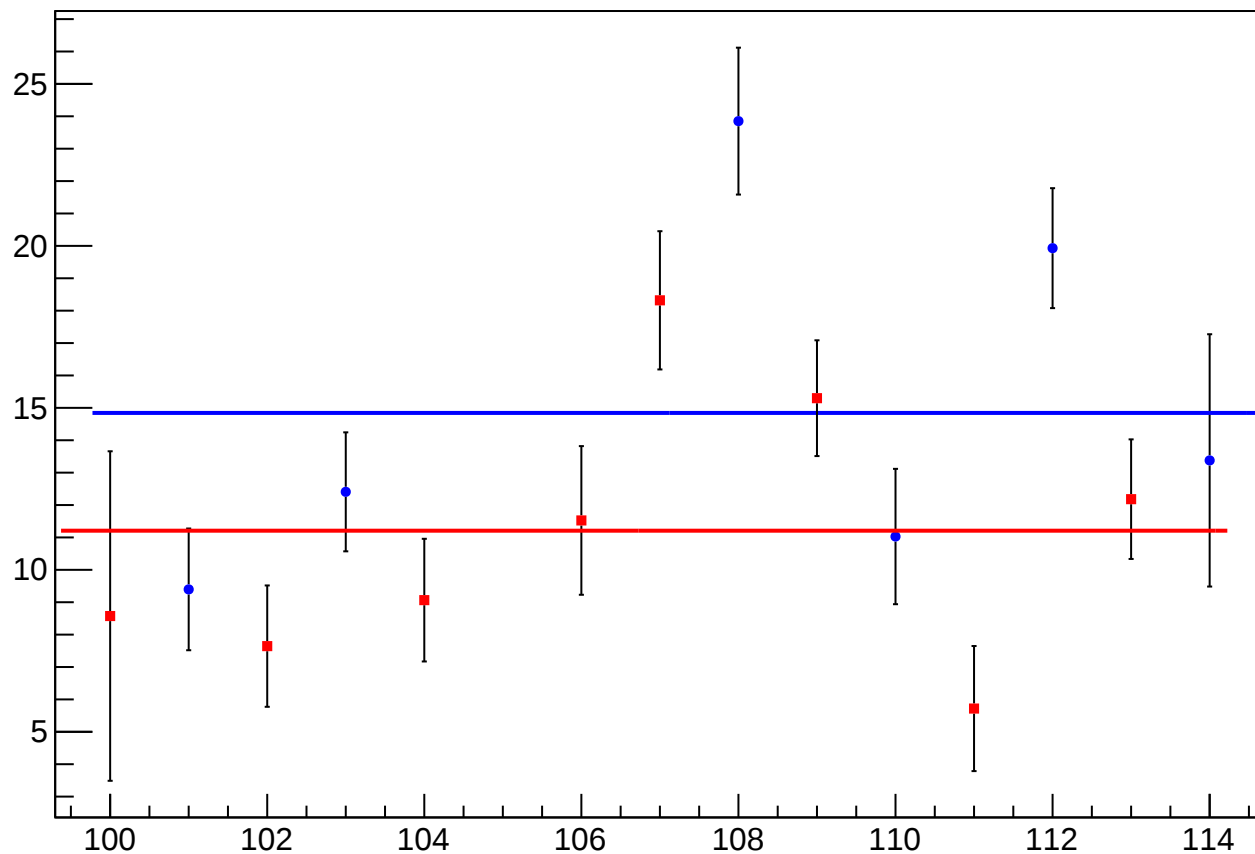
Right: 1941.632 $\pm$ 0.615 χ^2/NDF : 520462.2/13

In: 2146.246 $\pm$ 1.016 χ^2/NDF : 63473.6/5

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

All: 1941.632 $\pm$ 0.615 χ^2/NDF : 520462.2/13

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 14.844 $\pm$ 0.857 χ^2 /NDF: 37.0/5

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

Right Out: 11.208 $\pm$ 0.728 χ^2 /NDF: 29.9/7

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

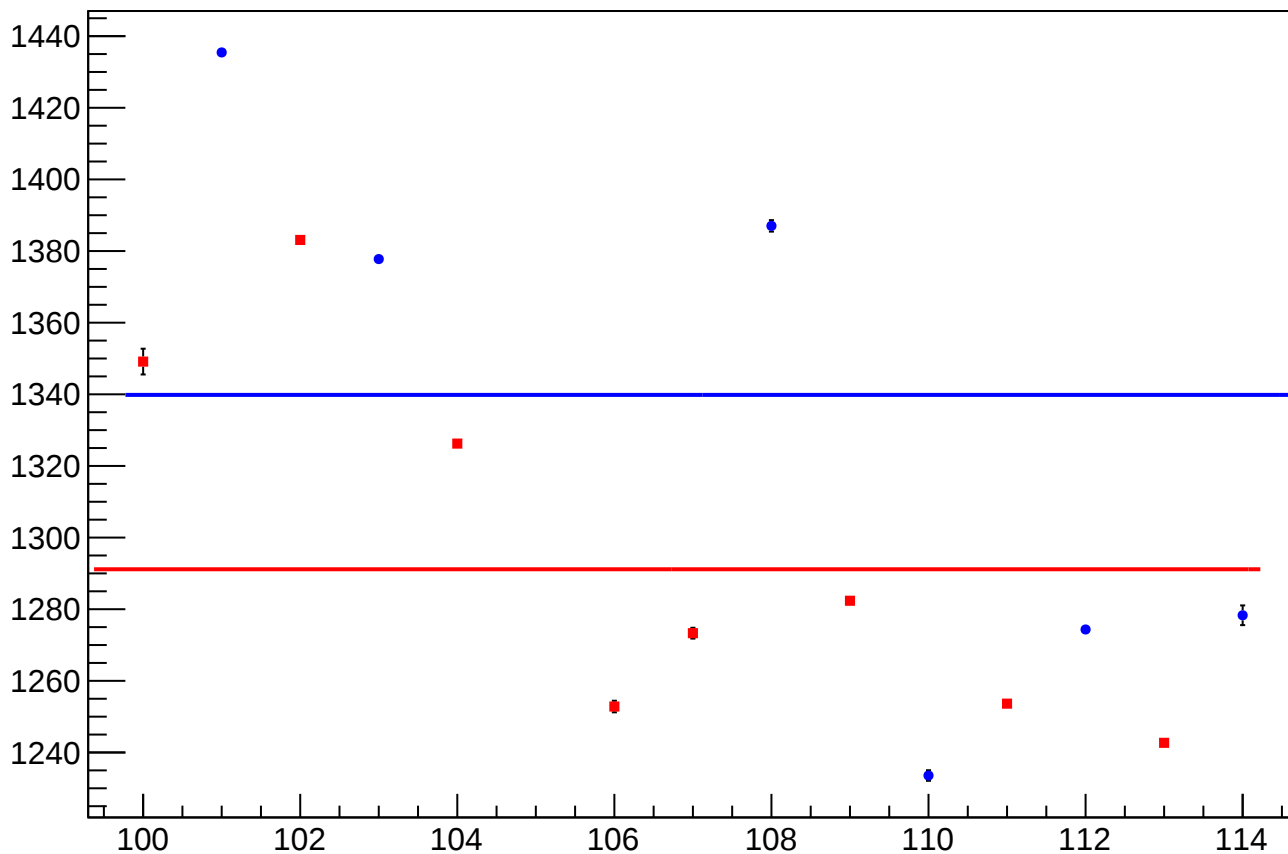
Right: 12.732 $\pm$ 0.555 χ^2 /NDF: 77.3/13

In: 14.844 $\pm$ 0.857 χ^2 /NDF: 37.0/5

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

All: 12.732 $\pm$ 0.555 χ^2 /NDF: 77.3/13

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1339.838 $\pm$ 0.606 χ^2 /NDF: 15077.9/5

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

Right Out: 1291.154 $\pm$ 0.515 χ^2 /NDF: 8646.0/7

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

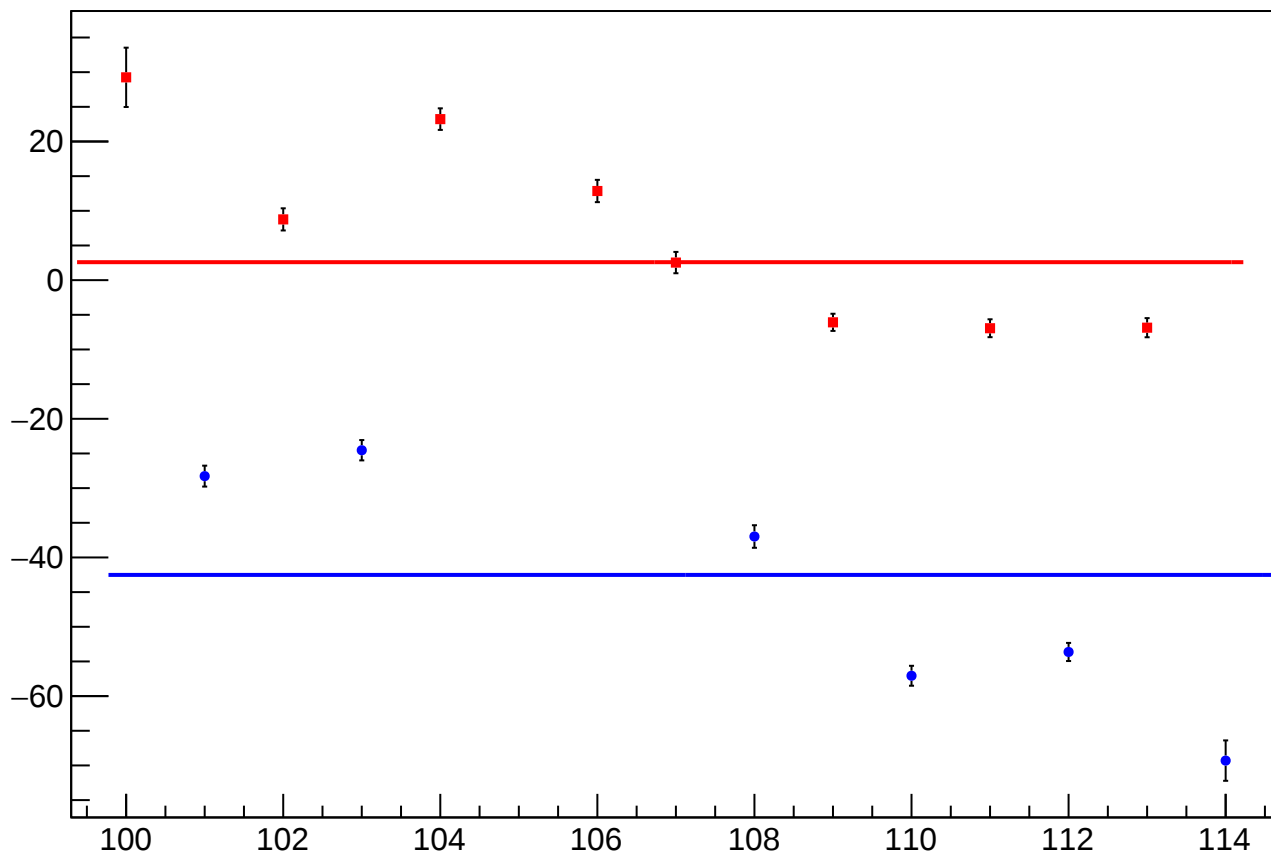
Right: 1311.555 $\pm$ 0.392 χ^2 /NDF: 27472.7/13

In: 1339.838 $\pm$ 0.606 χ^2 /NDF:15077.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1311.555 $\pm$ 0.392 χ^2 /NDF: 27472.7/13

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -42.517 ± 0.637 $\chi^2/\text{NDF}: 510.1/5$

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

Right Out: 2.592 ± 0.539 $\chi^2/\text{NDF}: 421.1/7$

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

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

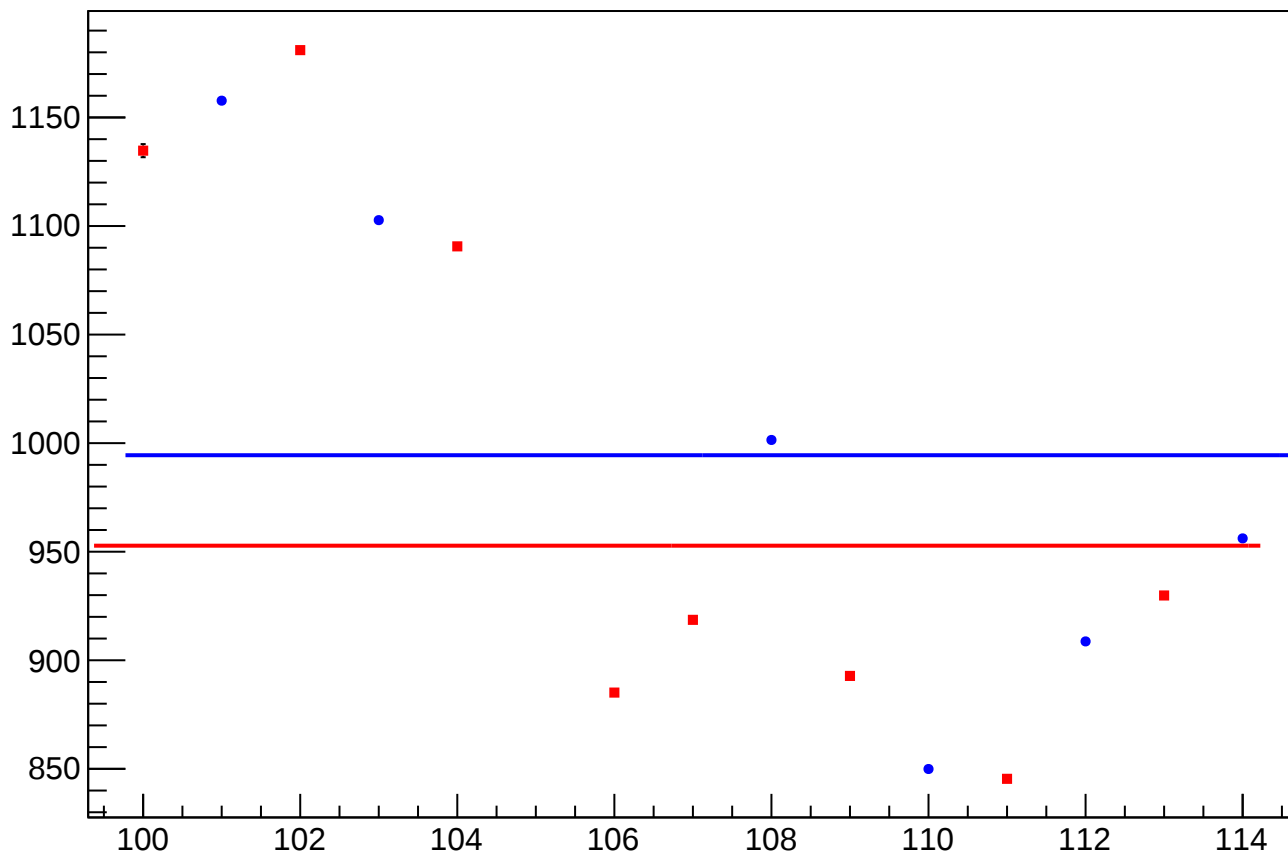
Right: -16.228 ± 0.411 $\chi^2/\text{NDF}: 3857.6/13$

In: -42.517 ± 0.637 $\chi^2/\text{NDF}: 510.1/5$

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

All: -16.228 ± 0.411 $\chi^2/\text{NDF}: 3857.6/13$

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 994.439+/-0.450 χ^2/NDF : 63487.1/5

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

Right Out: 952.774+/-0.381 χ^2/NDF : 83769.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

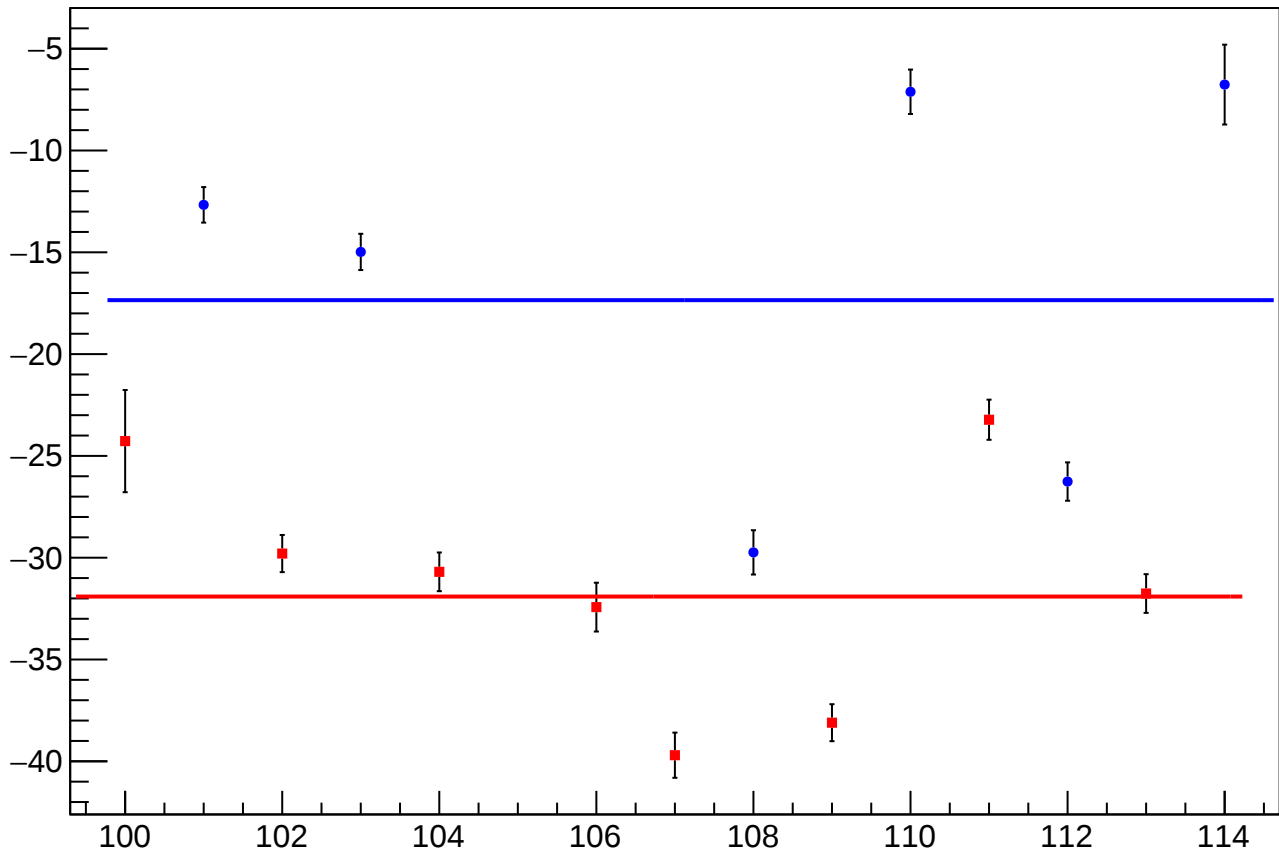
Right: 970.157+/-0.291 χ^2/NDF : 152250.0/13

In: 994.439+/-0.450 χ^2/NDF : 63487.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 970.157+/-0.291 χ^2/NDF : 152250.0/13

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -17.350 ± 0.421 χ^2/NDF : 372.1/5

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

Right Out: -31.908 ± 0.370 χ^2/NDF : 189.9/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

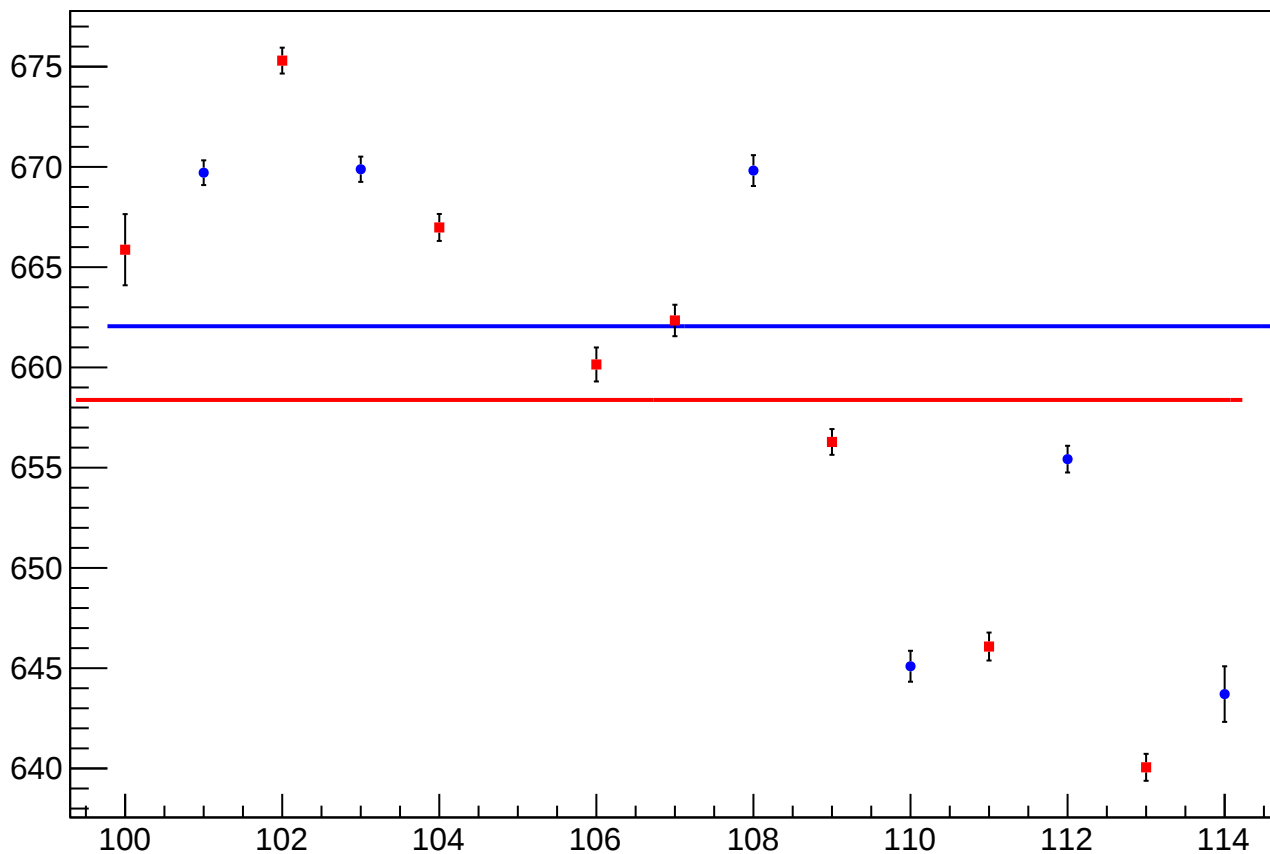
Right: -25.569 ± 0.278 χ^2/NDF : 1237.5/13

In: -17.350 ± 0.421 χ^2/NDF : 372.1/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.569 ± 0.278 χ^2/NDF : 1237.5/13

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 662.054 $\pm$ 0.298 χ^2 /NDF: 1167.9/5

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

Right Out: 658.378 $\pm$ 0.261 χ^2 /NDF: 1964.2/7

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

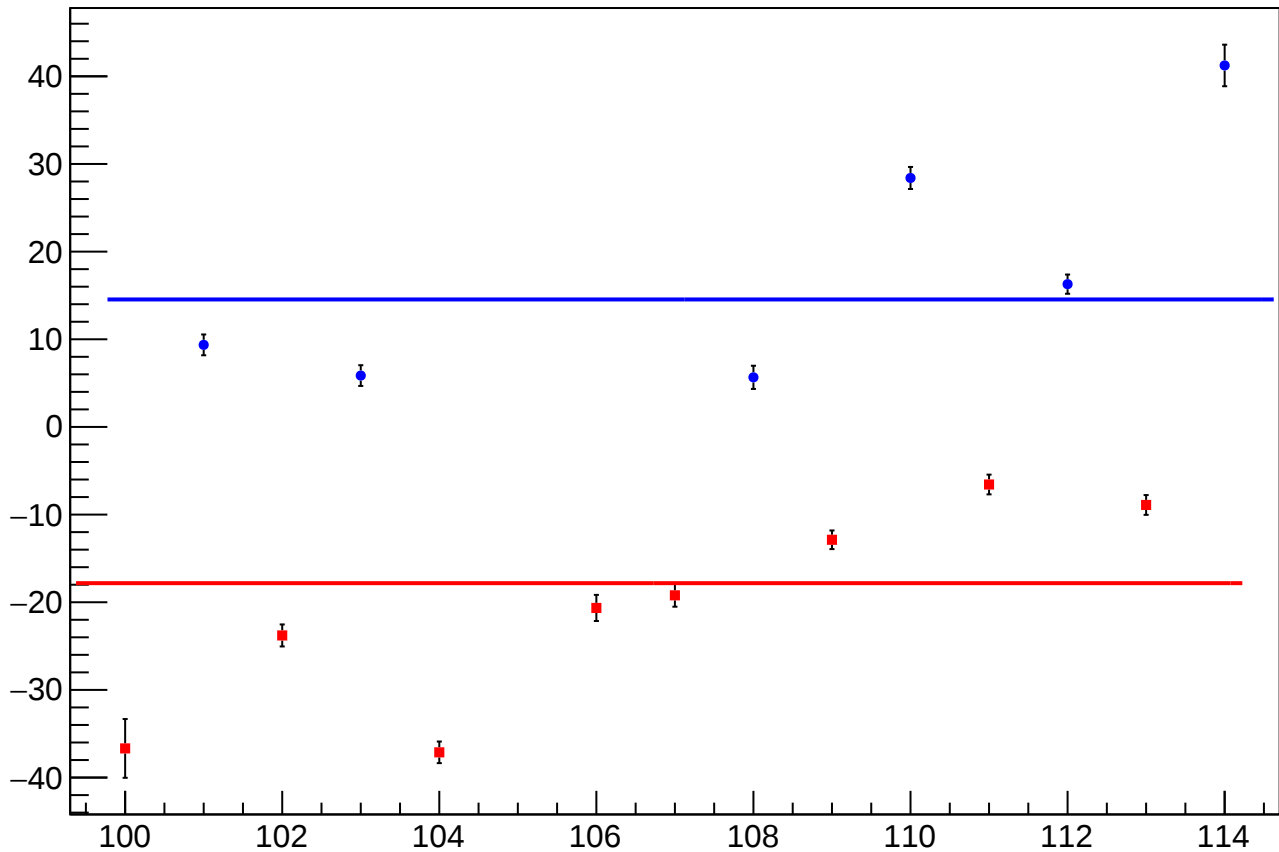
Right: 659.979 $\pm$ 0.196 χ^2 /NDF: 3218.3/13

In: 662.054 $\pm$ 0.298 χ^2 /NDF:1167.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 659.979 $\pm$ 0.196 χ^2 /NDF: 3218.3/13

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 14.544+/-0.524 χ^2/NDF : 368.7/5

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

Right Out: -17.823+/-0.452 χ^2/NDF : 488.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

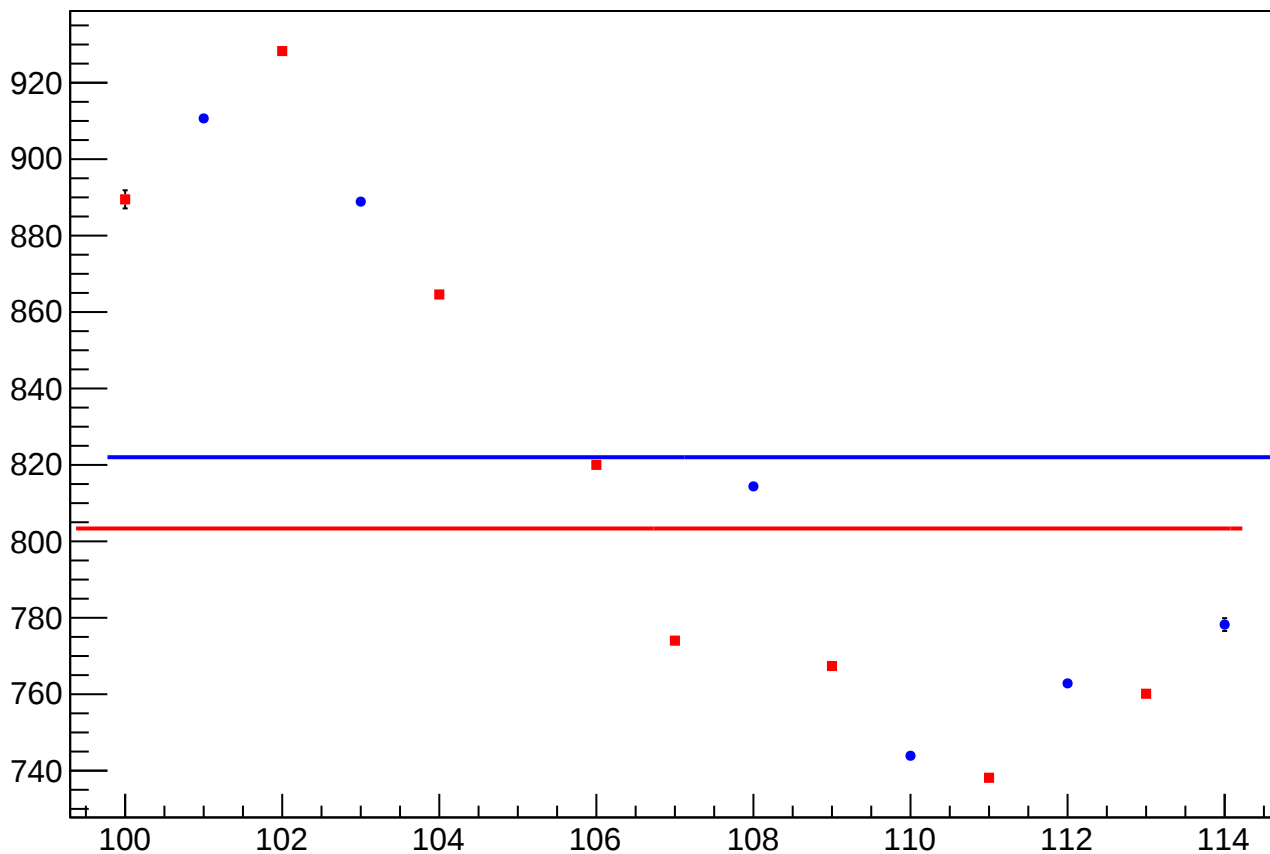
Right: -4.010+/-0.343 χ^2/NDF : 3040.8/13

In: 14.544+/-0.524 χ^2/NDF : 368.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.010+/-0.343 χ^2/NDF : 3040.8/13

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 822.016+/-0.371 χ^2/NDF : 31829.8/5

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

Right Out: 803.368+/-0.320 χ^2/NDF : 39255.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

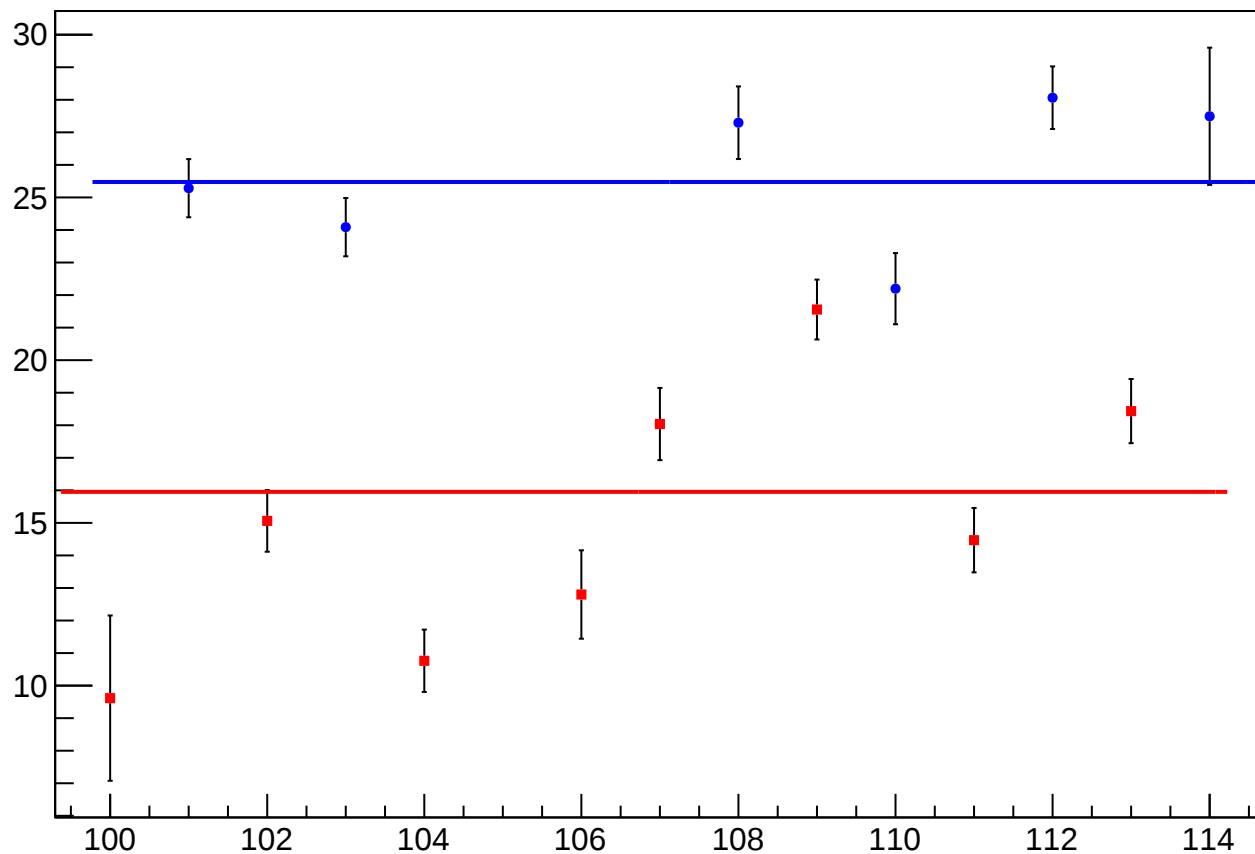
Right: 811.327+/-0.242 χ^2/NDF : 72535.5/13

In: 822.016+/-0.371 χ^2/NDF : 31829.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 811.327+/-0.242 χ^2/NDF : 72535.5/13

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 25.475+/-0.429 χ^2/NDF : 22.3/5

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

Right Out: 15.953+/-0.379 χ^2/NDF : 91.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

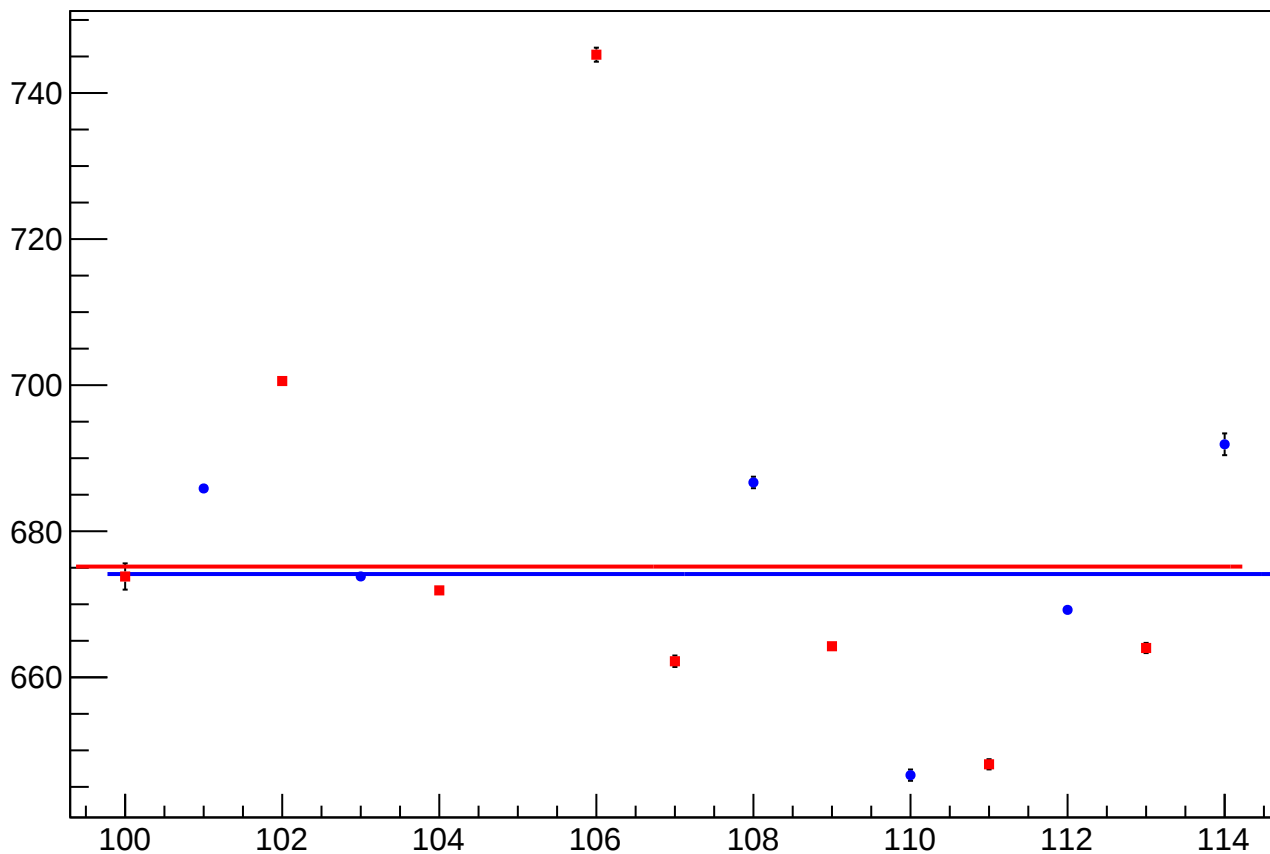
Right: 20.136+/-0.284 χ^2/NDF : 390.0/13

In: 25.475+/-0.429 χ^2/NDF : 22.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.136+/-0.284 χ^2/NDF : 390.0/13

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 674.140 $\pm$ 0.303 χ^2 /NDF: 2059.0/5

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

Right Out: 675.162 $\pm$ 0.268 χ^2 /NDF: 9096.3/7

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

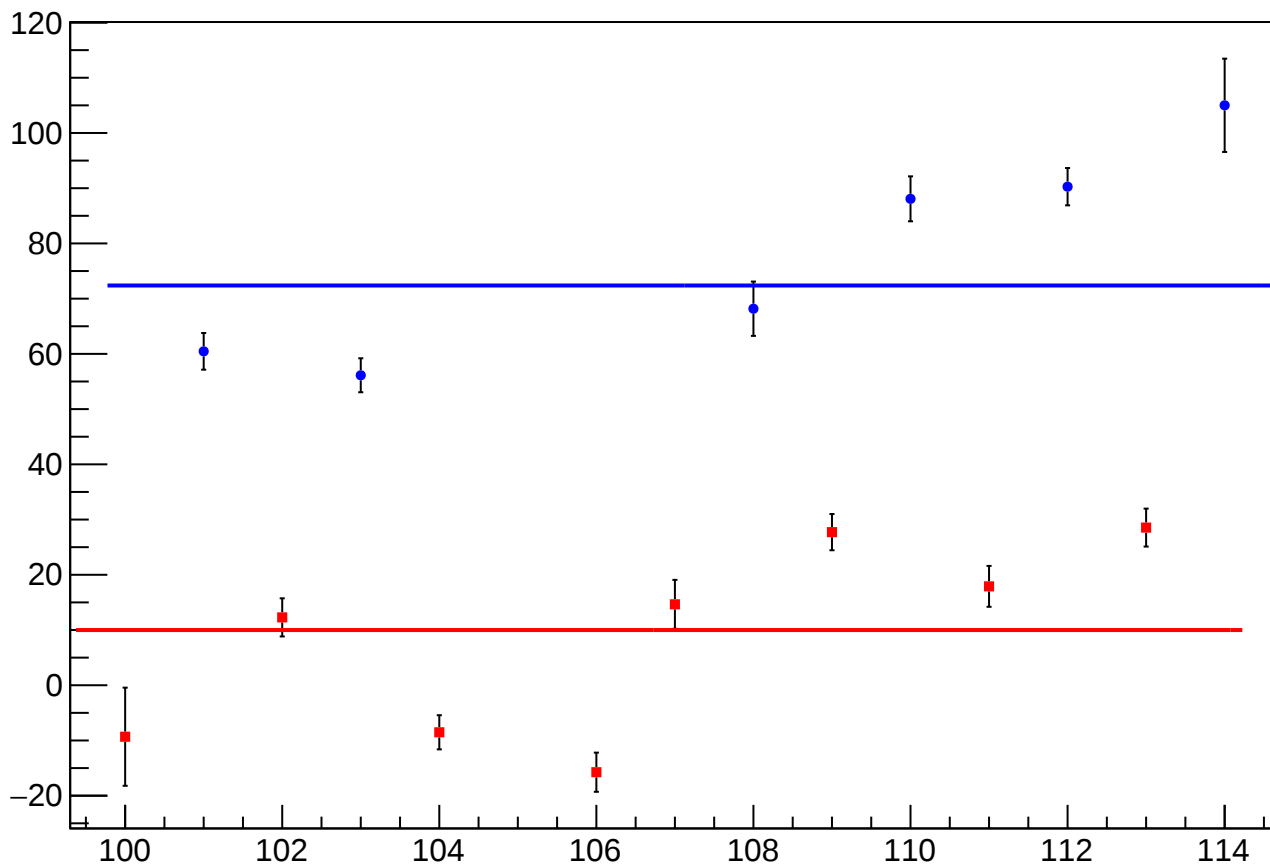
Right: 674.713 $\pm$ 0.201 χ^2 /NDF: 11161.7/13

In: 674.140 $\pm$ 0.303 χ^2 /NDF:2059.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 674.713 $\pm$ 0.201 χ^2 /NDF: 11161.7/13

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 72.381+/-1.581 χ^2/NDF : 99.4/5

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

Right Out: 9.996+/-1.310 χ^2/NDF : 157.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

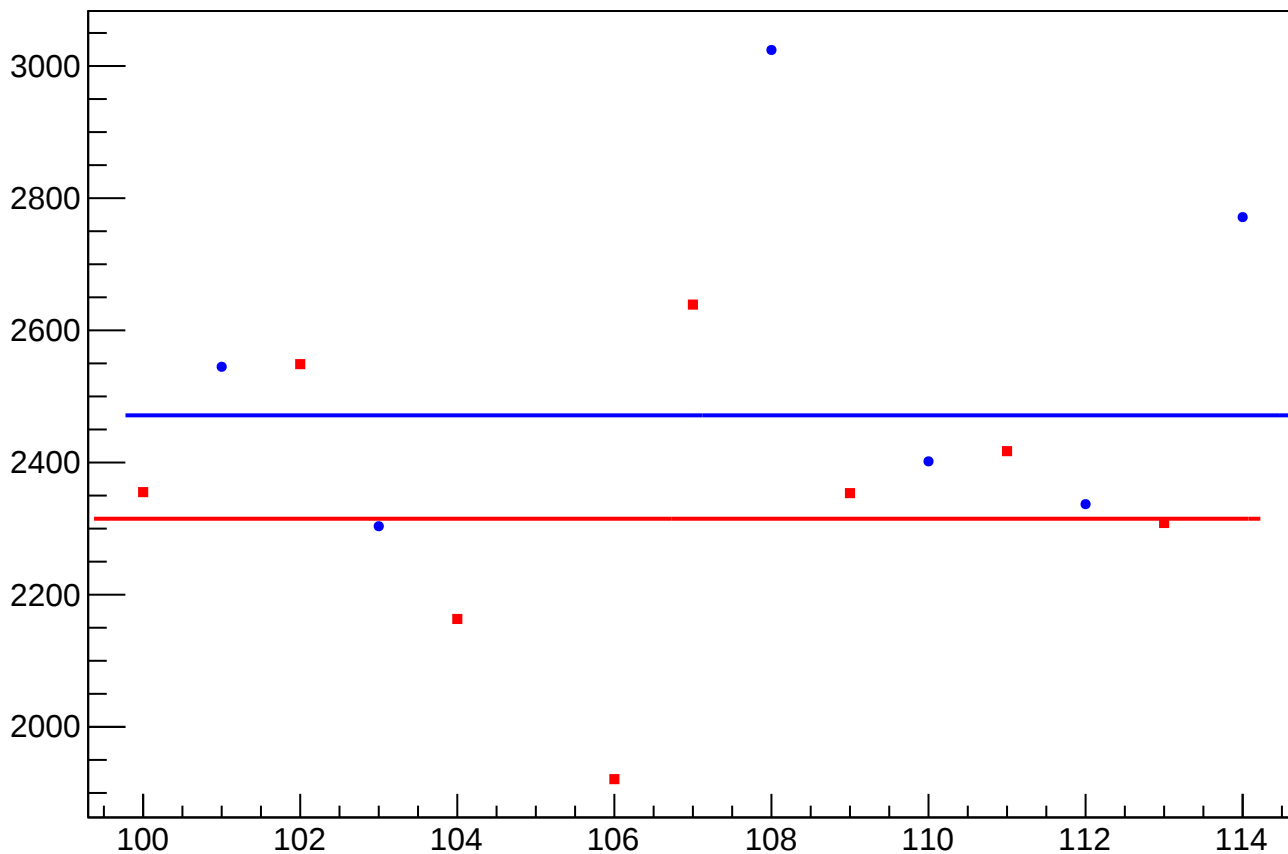
Right: 35.390+/-1.009 χ^2/NDF : 1179.8/13

In: 72.381+/-1.581 χ^2/NDF : 99.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.390+/-1.009 χ^2/NDF : 1179.8/13

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2471.406+/-1.118 χ^2/NDF : 38472.1/5

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

Right Out: 2314.952+/-0.927 χ^2/NDF : 51255.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

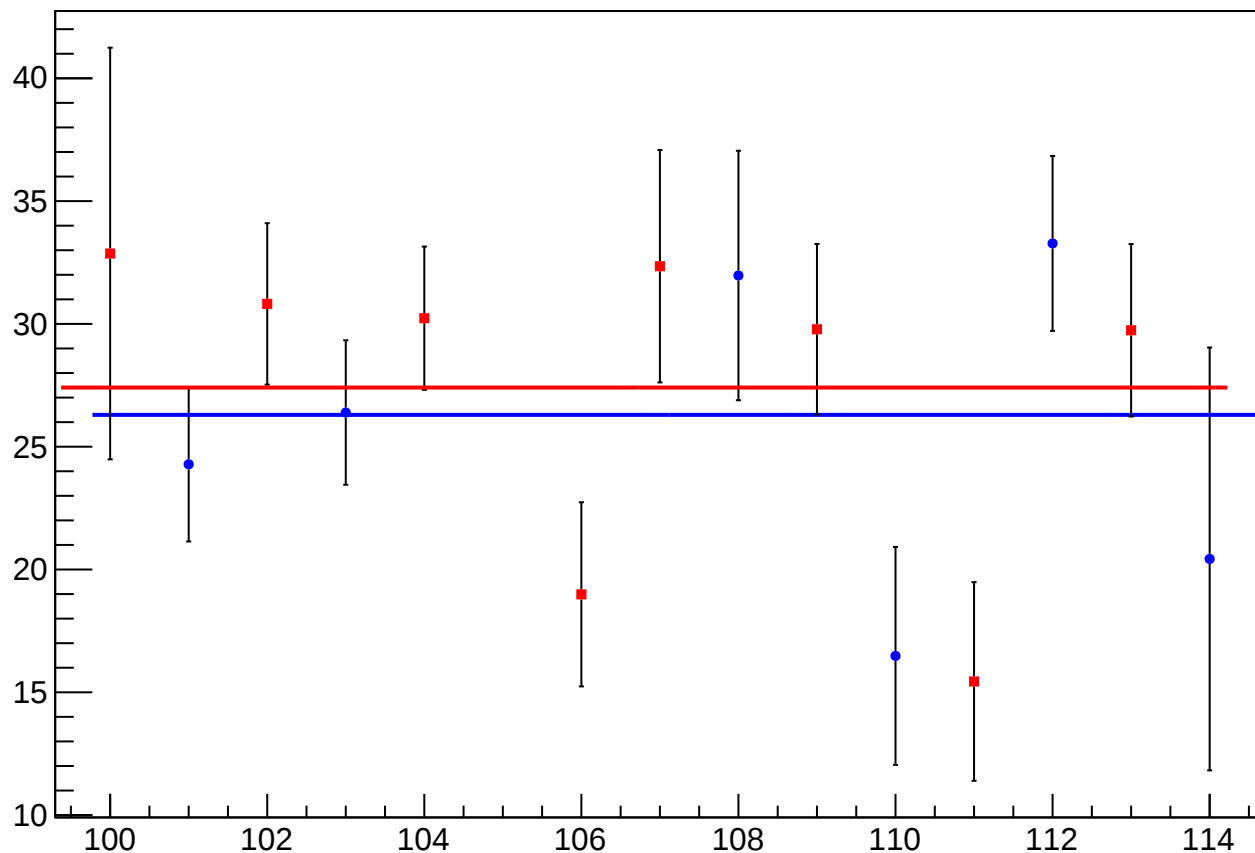
Right: 2378.637+/-0.713 χ^2/NDF : 101333.5/13

In: 2471.406+/-1.118 χ^2/NDF : 38472.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2378.637+/-0.713 χ^2/NDF : 101333.5/13

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 26.296+/-1.584 χ^2/NDF : 10.9/5

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

Right Out: 27.410+/-1.330 χ^2/NDF : 18.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

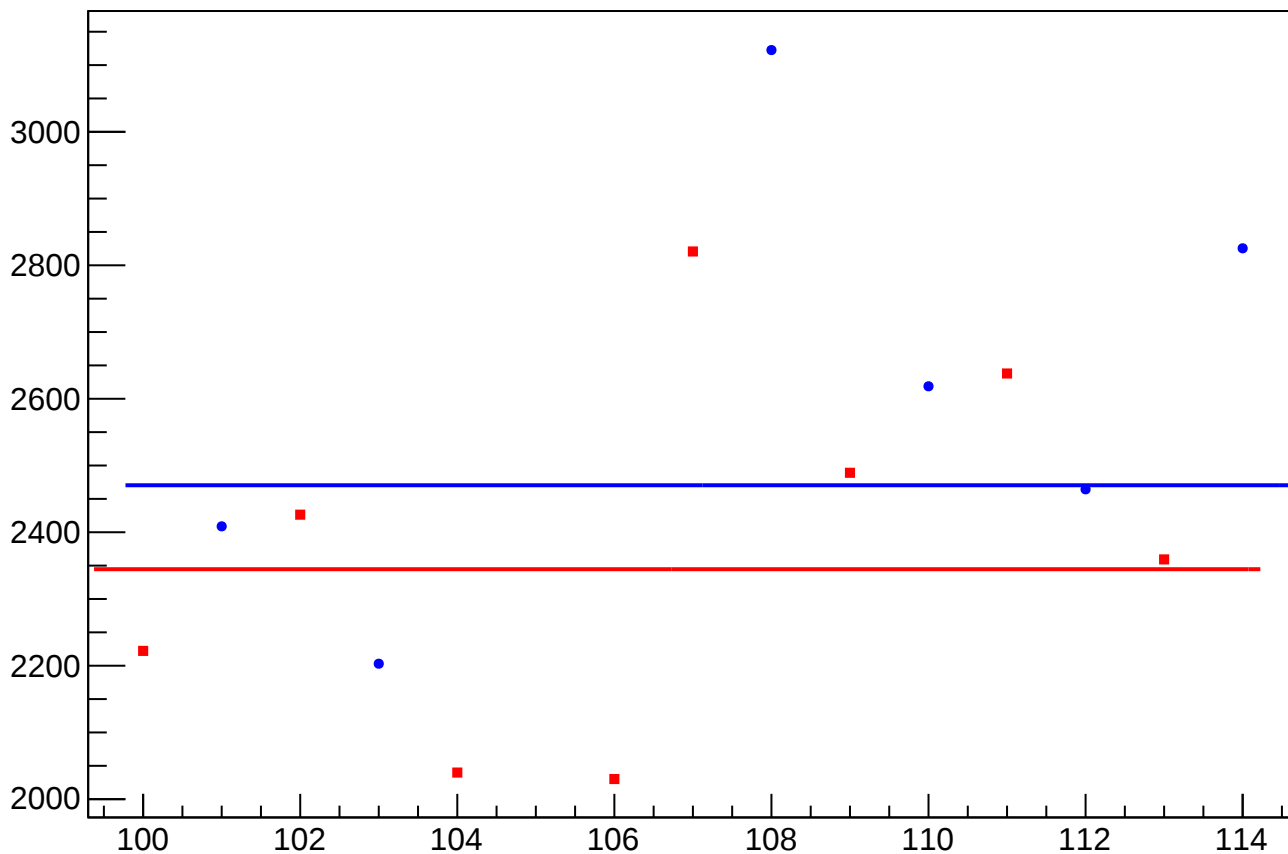
Right: 26.949+/-1.019 χ^2/NDF : 29.4/13

In: 26.296+/-1.584 χ^2/NDF : 10.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.949+/-1.019 χ^2/NDF : 29.4/13

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2470.411+/-1.120 χ^2/NDF : 55895.2/5

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

Right Out: 2344.609+/-0.940 χ^2/NDF : 71820.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

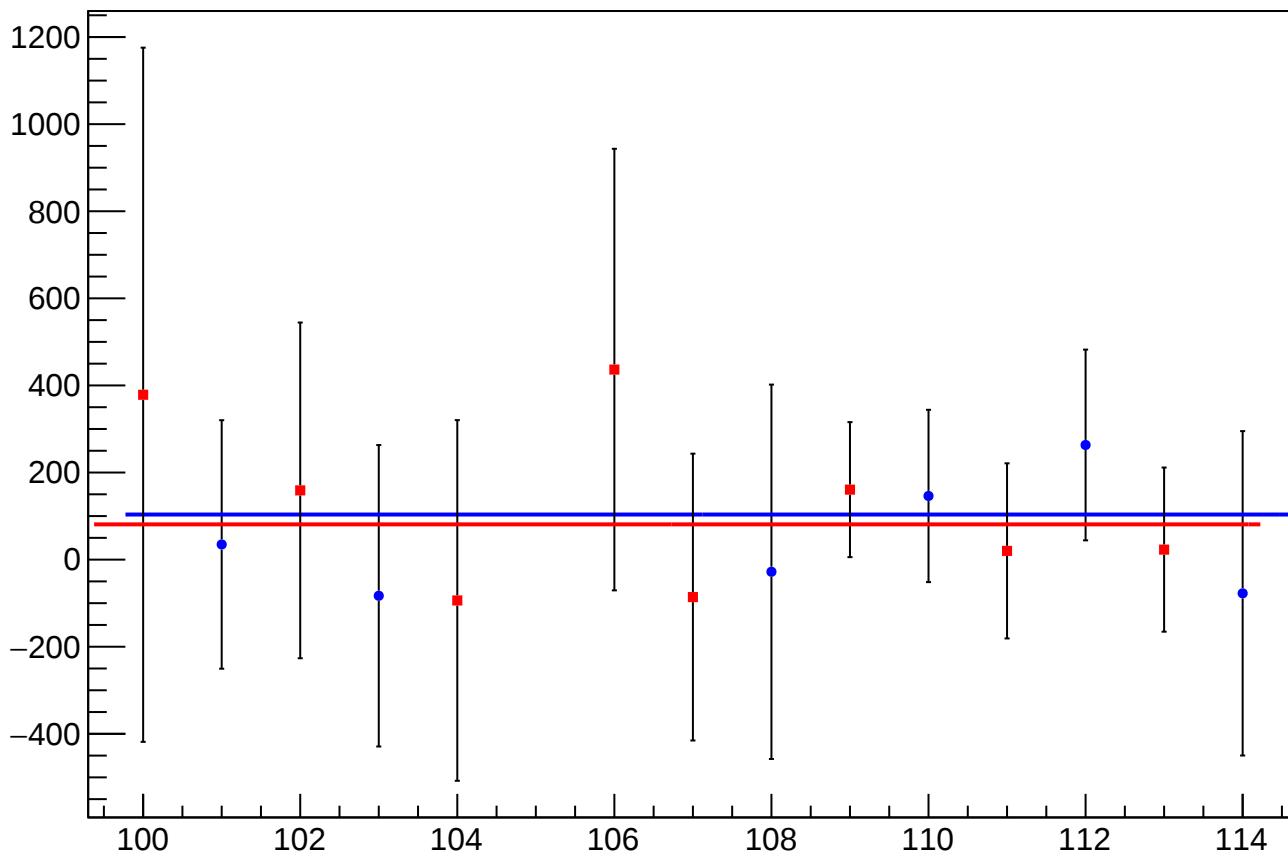
Right: 2396.630+/-0.720 χ^2/NDF : 135115.1/13

In: 2470.411+/-1.120 χ^2/NDF : 55895.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2396.630+/-0.720 χ^2/NDF : 135115.1/13

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 103.566+/-112.055 χ^2/NDF : 1.3/5

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

Right Out: 80.958+/-90.630 χ^2/NDF : 1.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

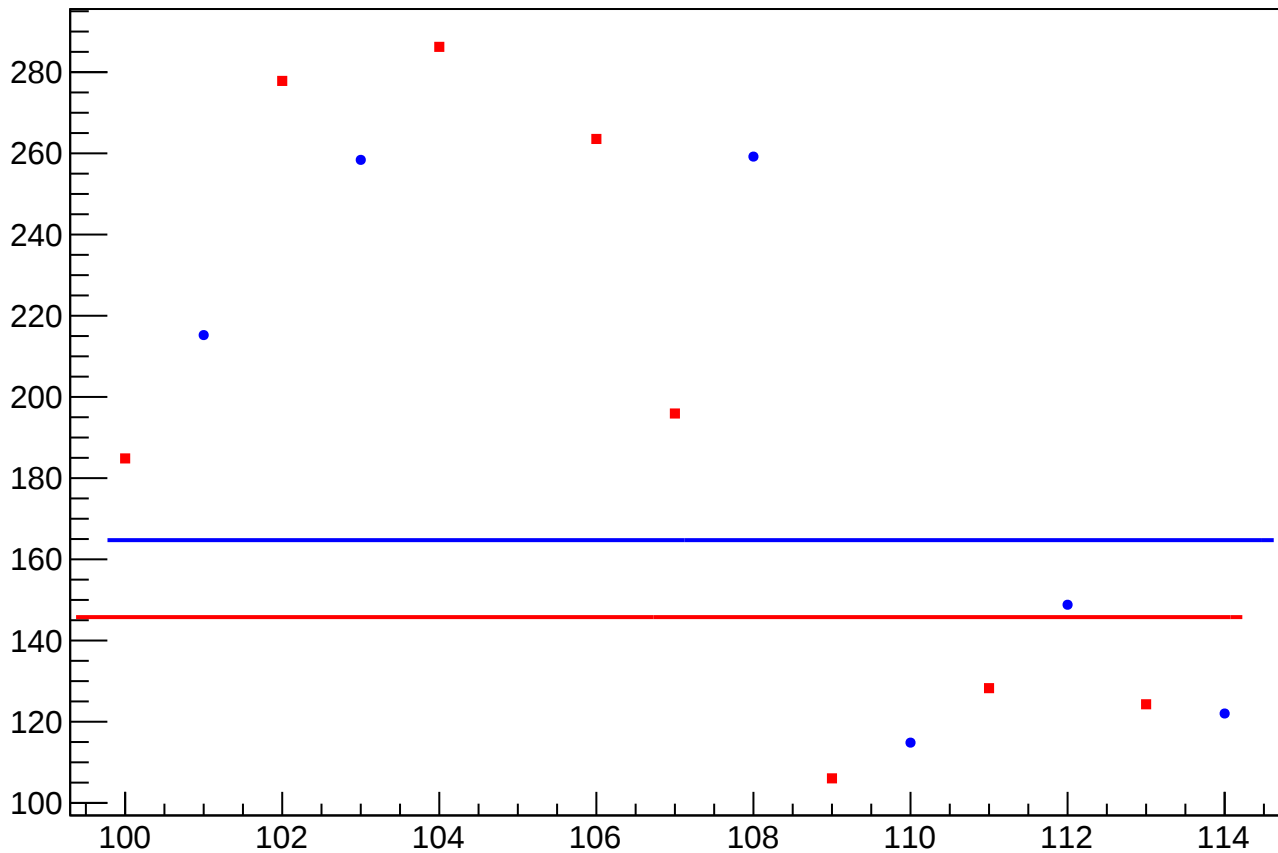
Right: 89.899+/-70.467 χ^2/NDF : 2.8/13

In: 103.566+/-112.055 χ^2/NDF : 1.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.899+/-70.467 χ^2/NDF : 2.8/13

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 164.726+/-0.079 χ^2/NDF : 469678.6/5

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

Right Out: 145.770+/-0.064 χ^2/NDF : 796383.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

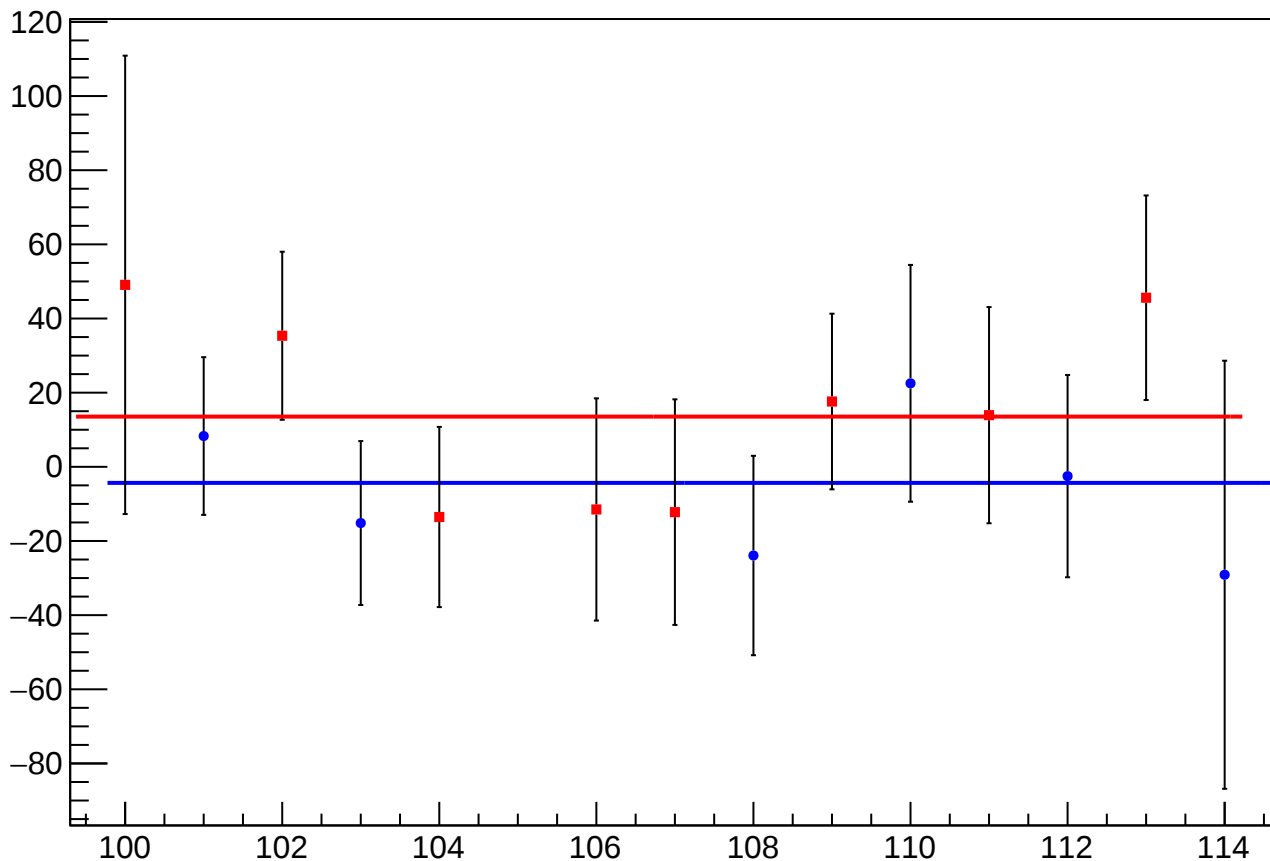
Right: 153.266+/-0.050 χ^2/NDF : 1300664.9/13

In: 164.726+/-0.079 χ^2/NDF :469678.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 153.266+/-0.050 χ^2/NDF : 1300664.9/13

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.329+/-10.999 χ^2/NDF : 2.0/5

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

Right Out: 13.546+/-9.820 χ^2/NDF : 5.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

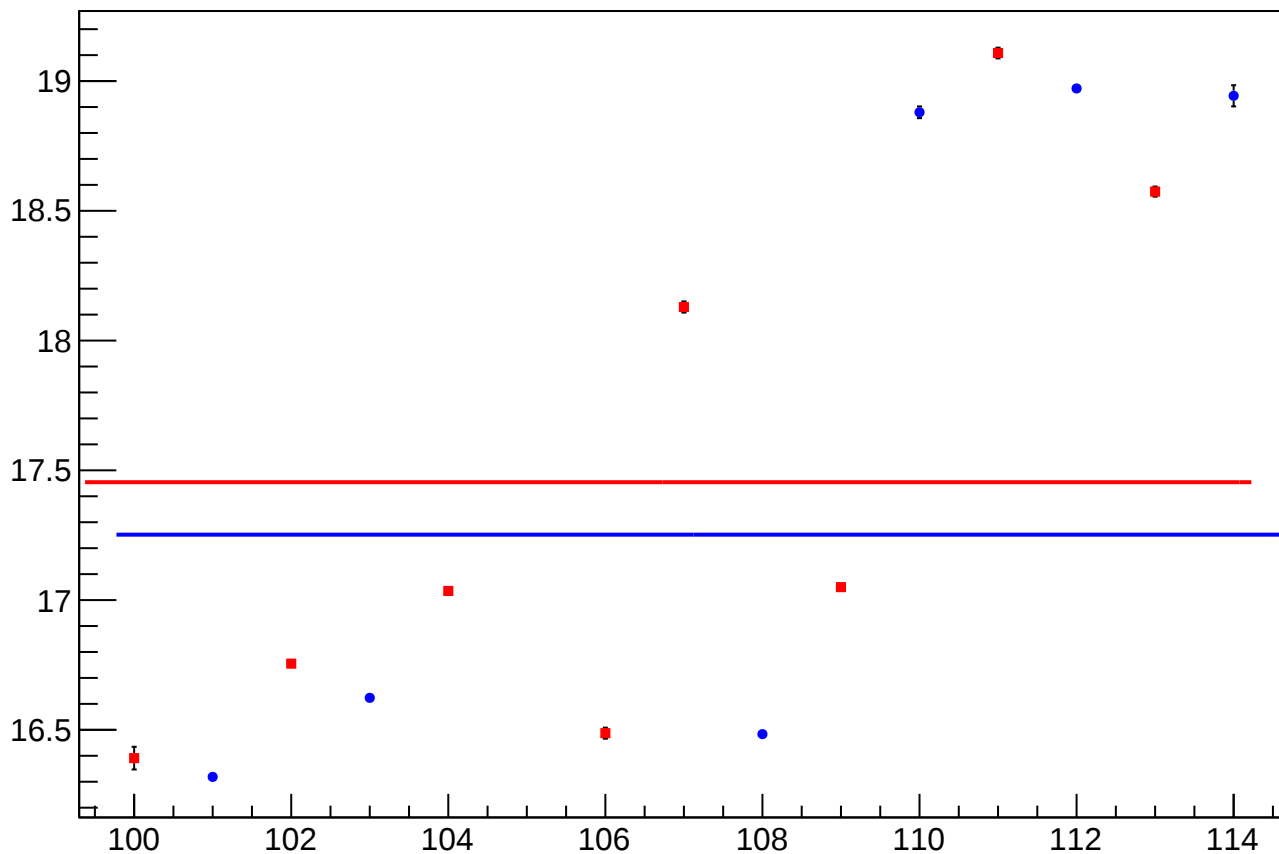
Right: 5.617+/-7.325 χ^2/NDF : 8.8/13

In: -4.329+/-10.999 χ^2/NDF : 2.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.617+/-7.325 χ^2/NDF : 8.8/13

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.252+/-0.008 χ^2/NDF : 21964.2/5

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

Right Out: 17.454+/-0.007 χ^2/NDF : 16472.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

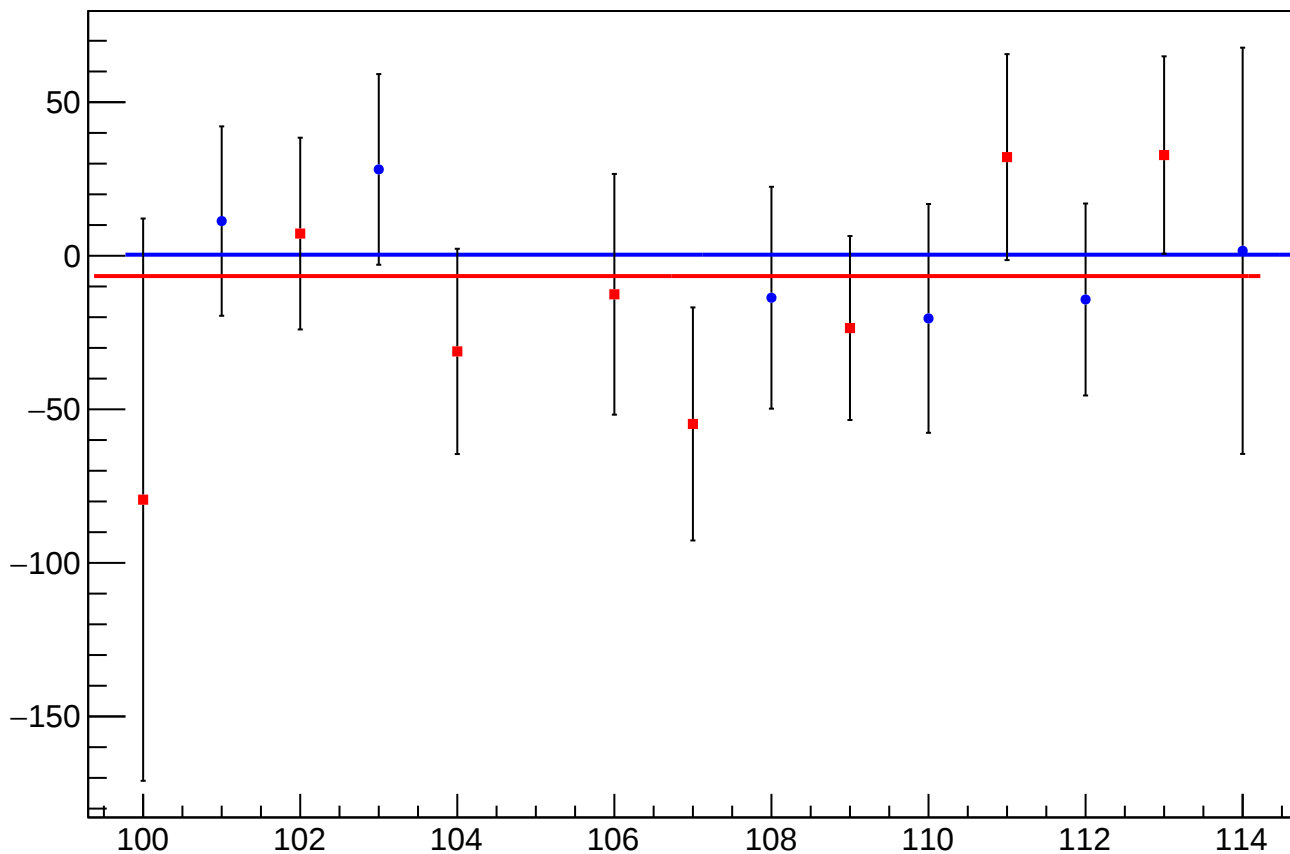
Right: 17.365+/-0.005 χ^2/NDF : 38812.4/13

In: 17.252+/-0.008 χ^2/NDF : 21964.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.365+/-0.005 χ^2/NDF : 38812.4/13

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.349+/-14.389 χ^2/NDF : 1.6/5

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

Right Out: -6.617+/-12.540 χ^2/NDF : 6.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

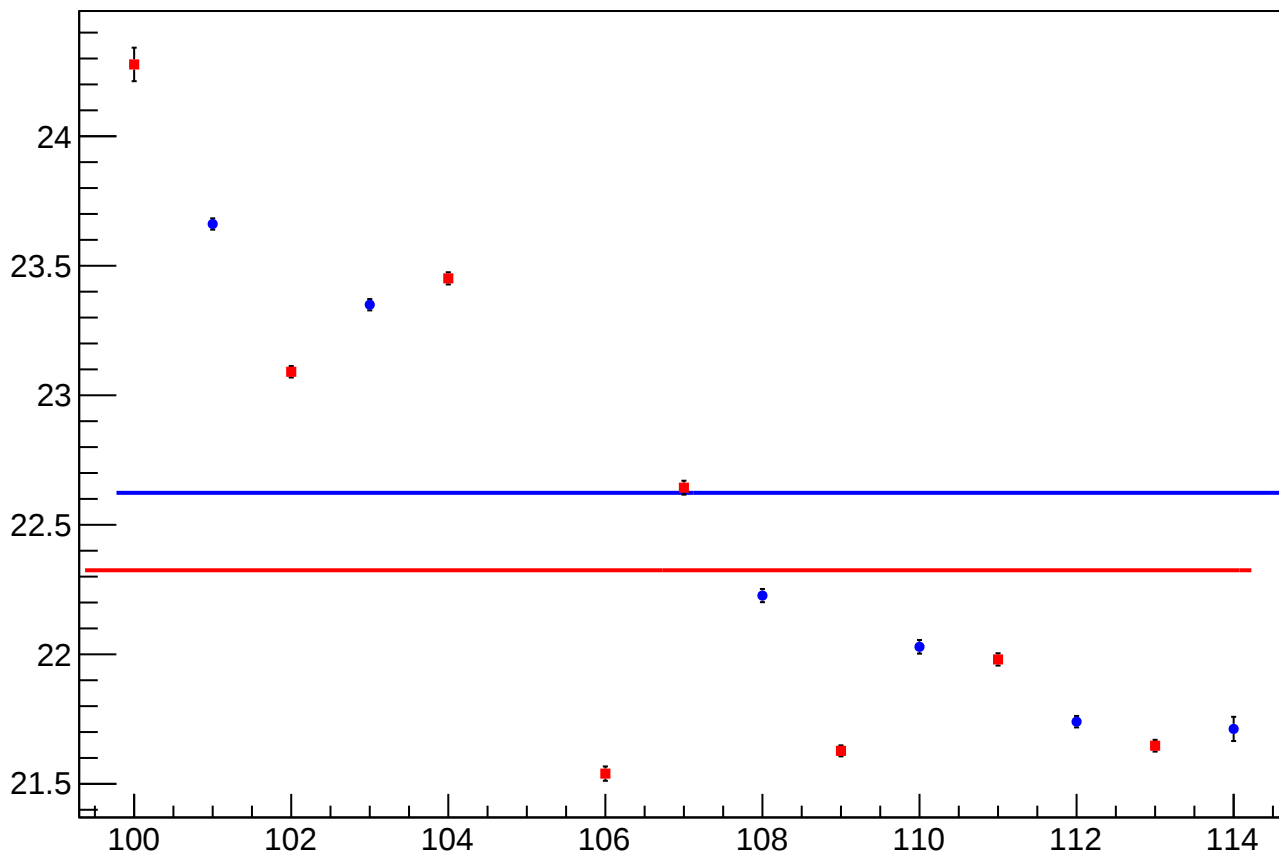
Right: -3.610+/-9.454 χ^2/NDF : 7.9/13

In: 0.349+/-14.389 χ^2/NDF : 1.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.610+/-9.454 χ^2/NDF : 7.9/13

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.623+/-0.010 χ^2/NDF : 6089.8/5

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

Right Out: 22.324+/-0.009 χ^2/NDF : 7514.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

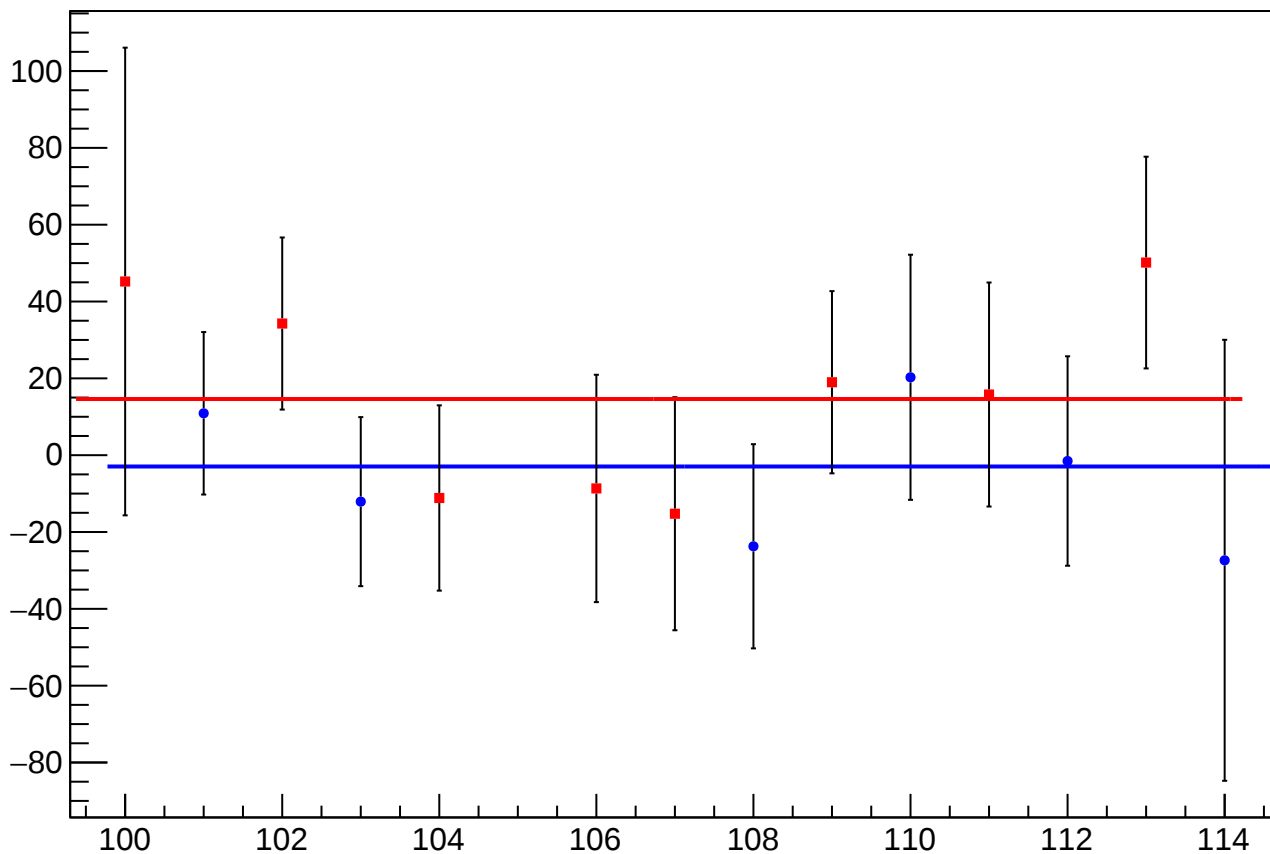
Right: 22.454+/-0.007 χ^2/NDF : 14095.0/13

In: 22.623+/-0.010 χ^2/NDF : 6089.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.454+/-0.007 χ^2/NDF : 14095.0/13

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -2.947+/-10.945 χ^2/NDF : 1.9/5

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

Right Out: 14.622+/-9.768 χ^2/NDF : 5.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

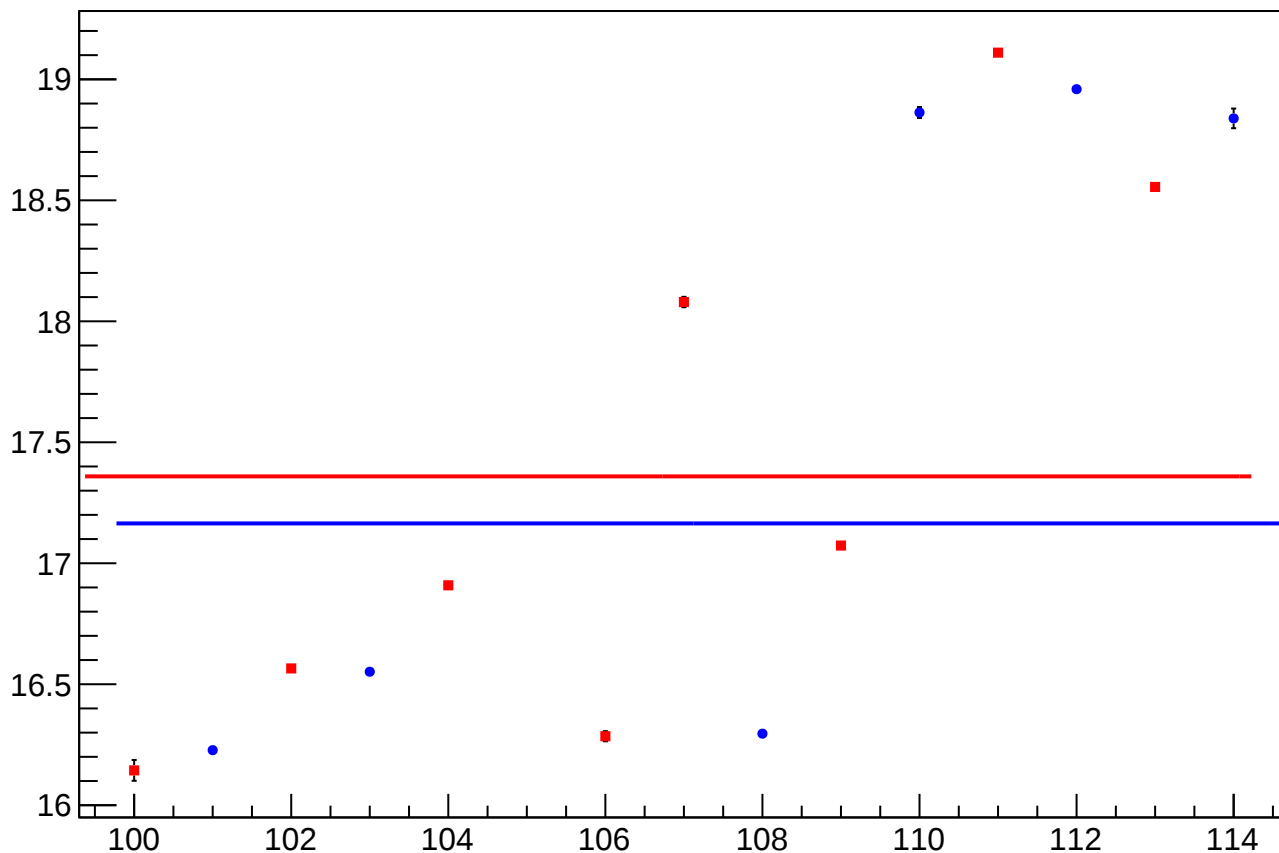
Right: 6.832+/-7.288 χ^2/NDF : 8.8/13

In: -2.947+/-10.945 χ^2/NDF : 1.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.832+/-7.288 χ^2/NDF : 8.8/13

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.165+/-0.008 χ^2/NDF : 23652.2/5

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

Right Out: 17.359+/-0.007 χ^2/NDF : 19039.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

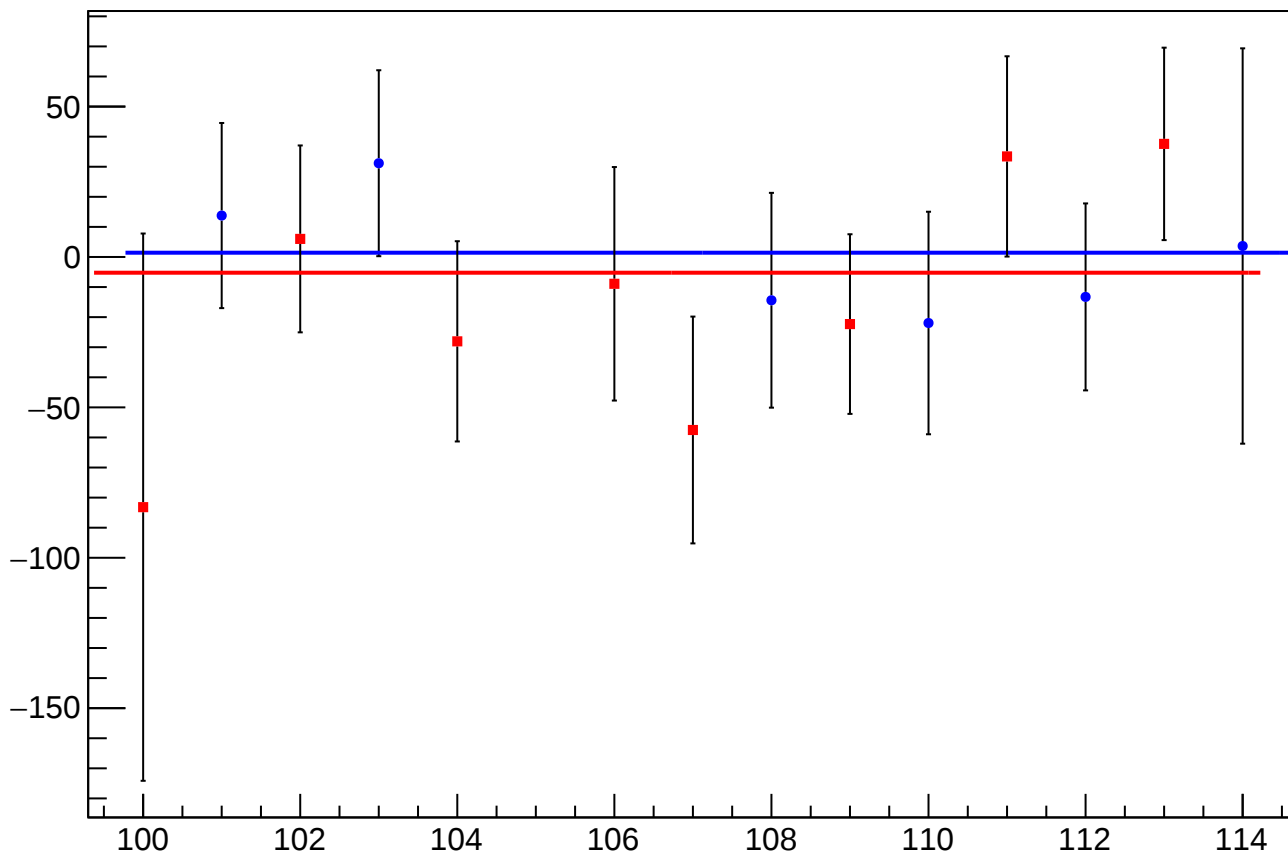
Right: 17.273+/-0.005 χ^2/NDF : 43043.5/13

In: 17.165+/-0.008 χ^2/NDF : 23652.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.273+/-0.005 χ^2/NDF : 43043.5/13

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.420+/-14.308 χ^2/NDF : 1.9/5

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

Right Out: -5.232+/-12.473 χ^2/NDF : 6.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

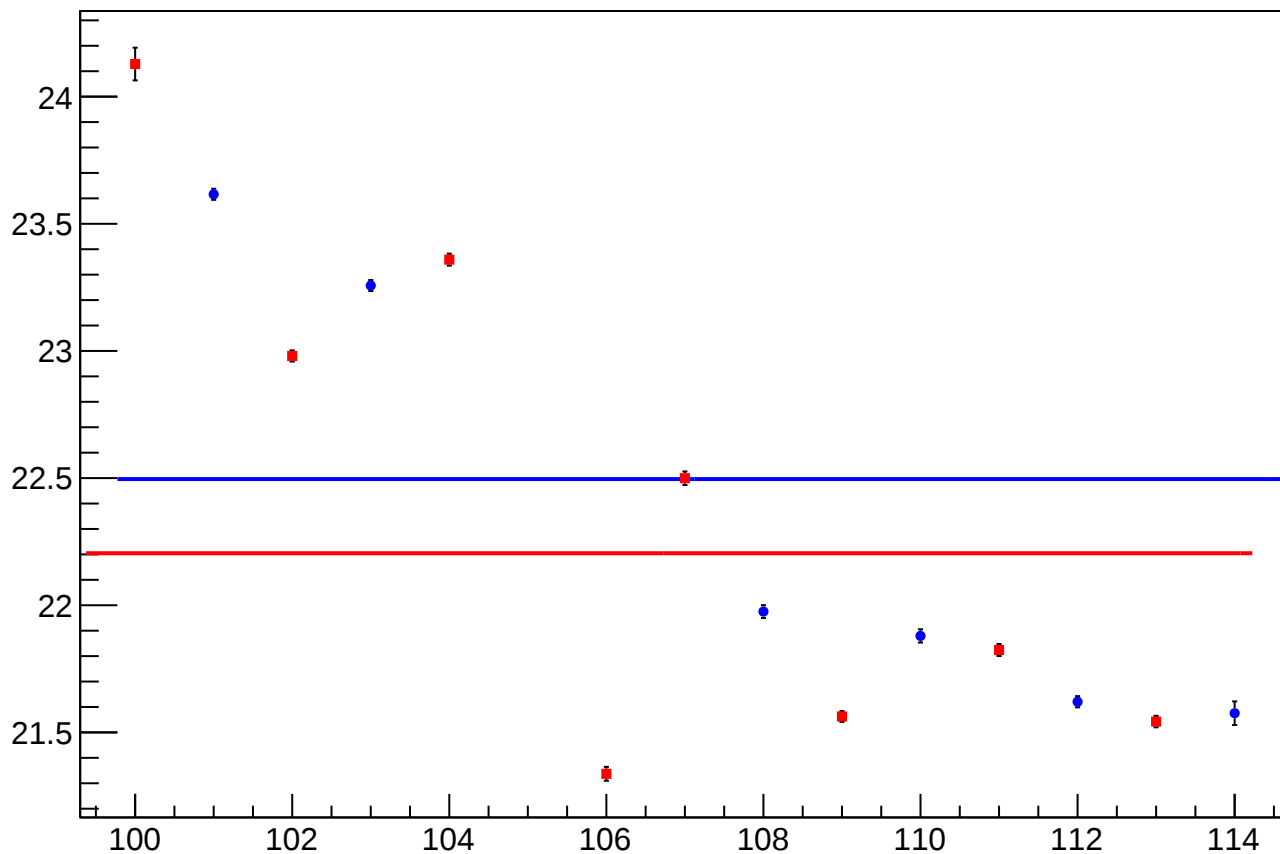
Right: -2.360+/-9.402 χ^2/NDF : 8.8/13

In: 1.420+/-14.308 χ^2/NDF : 1.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.360+/-9.402 χ^2/NDF : 8.8/13

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.496 $\pm$ 0.010 χ^2 /NDF: 6822.6/5

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

Right Out: 22.205 $\pm$ 0.009 χ^2 /NDF: 7709.7/7

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

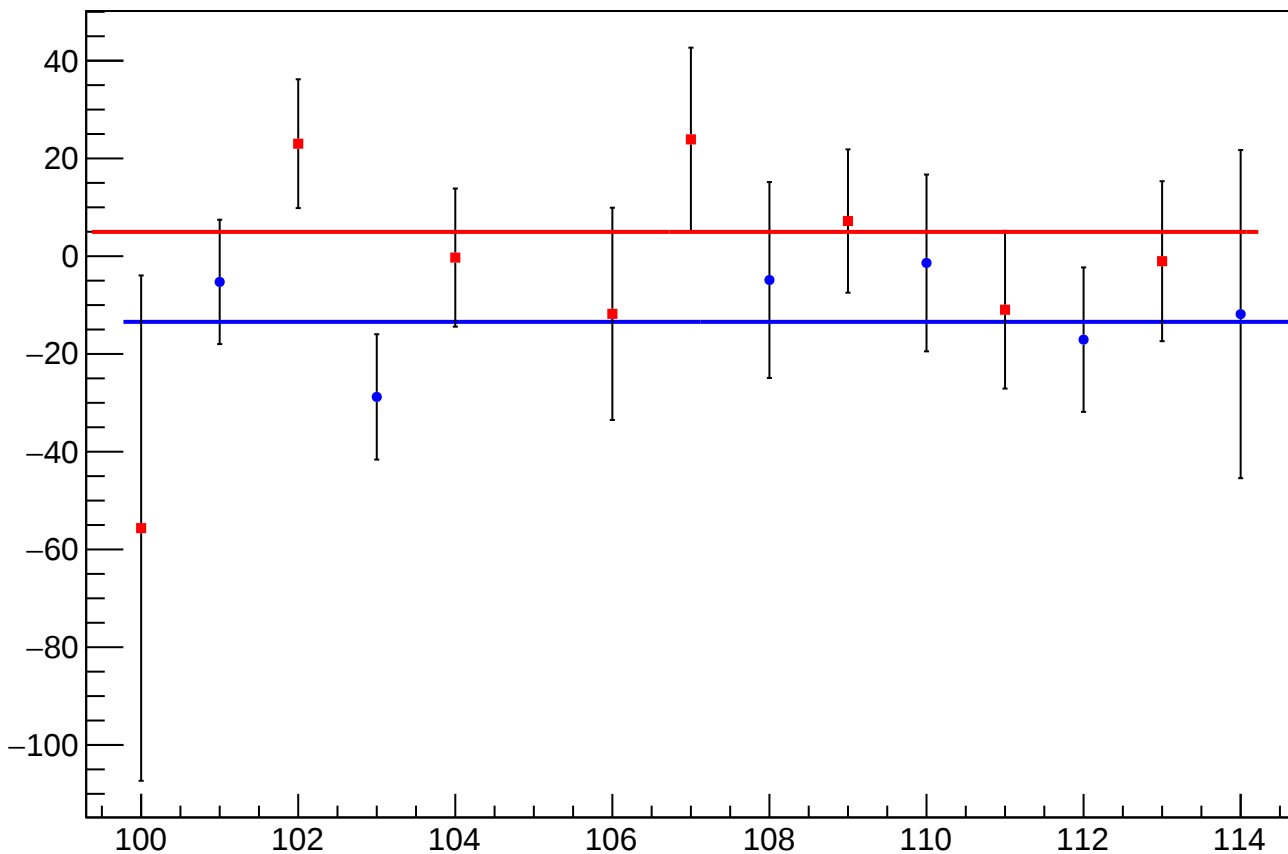
Right: 22.330 $\pm$ 0.007 χ^2 /NDF: 15004.5/13

In: 22.496 $\pm$ 0.010 χ^2 /NDF:6822.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 22.330 $\pm$ 0.007 χ^2 /NDF: 15004.5/13

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -13.433+/-6.555 χ^2/NDF : 2.5/5

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

Right Out: 4.971+/-5.941 χ^2/NDF : 6.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

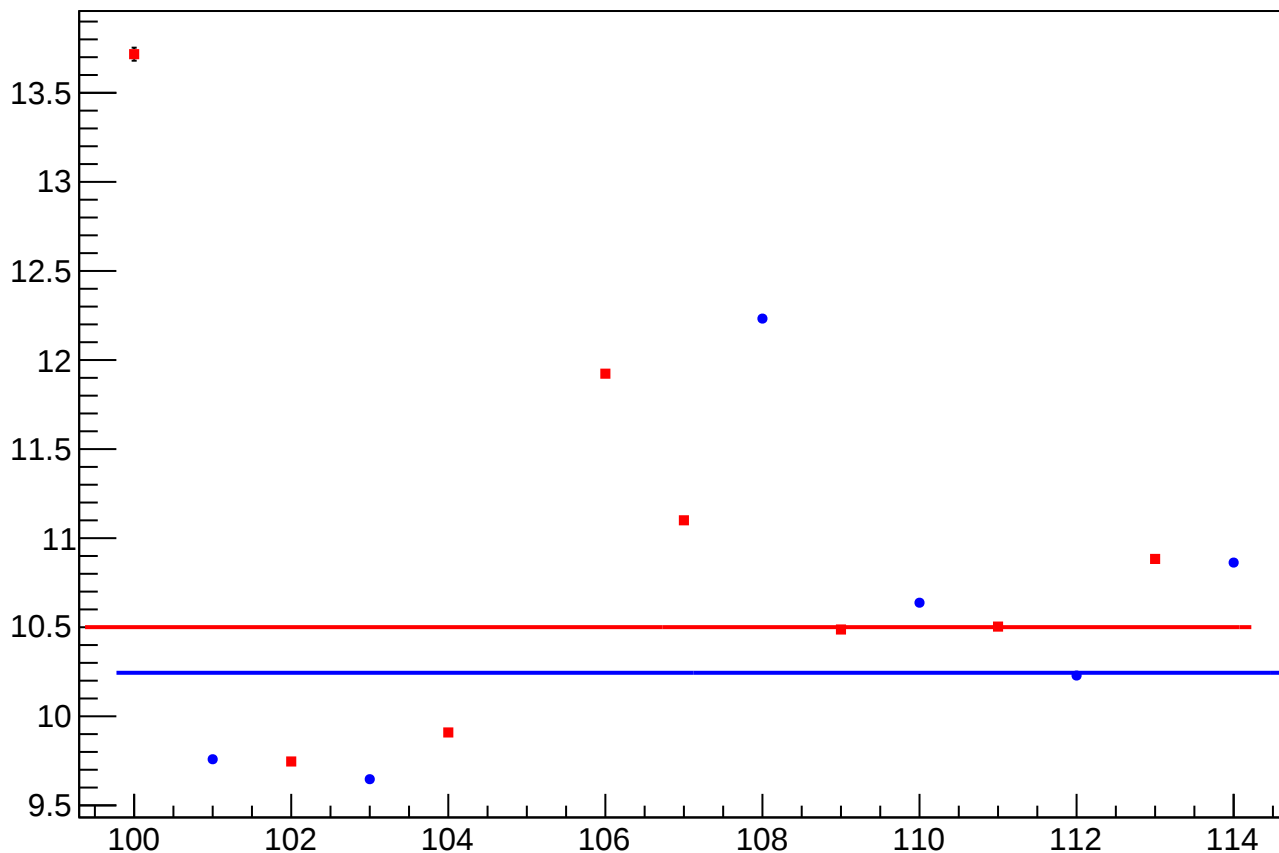
Right: -3.329+/-4.402 χ^2/NDF : 13.0/13

In: -13.433+/-6.555 χ^2/NDF : 2.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.329+/-4.402 χ^2/NDF : 13.0/13

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.244+/-0.005 χ^2/NDF : 28561.0/5

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

Right Out: 10.501+/-0.004 χ^2/NDF : 29523.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

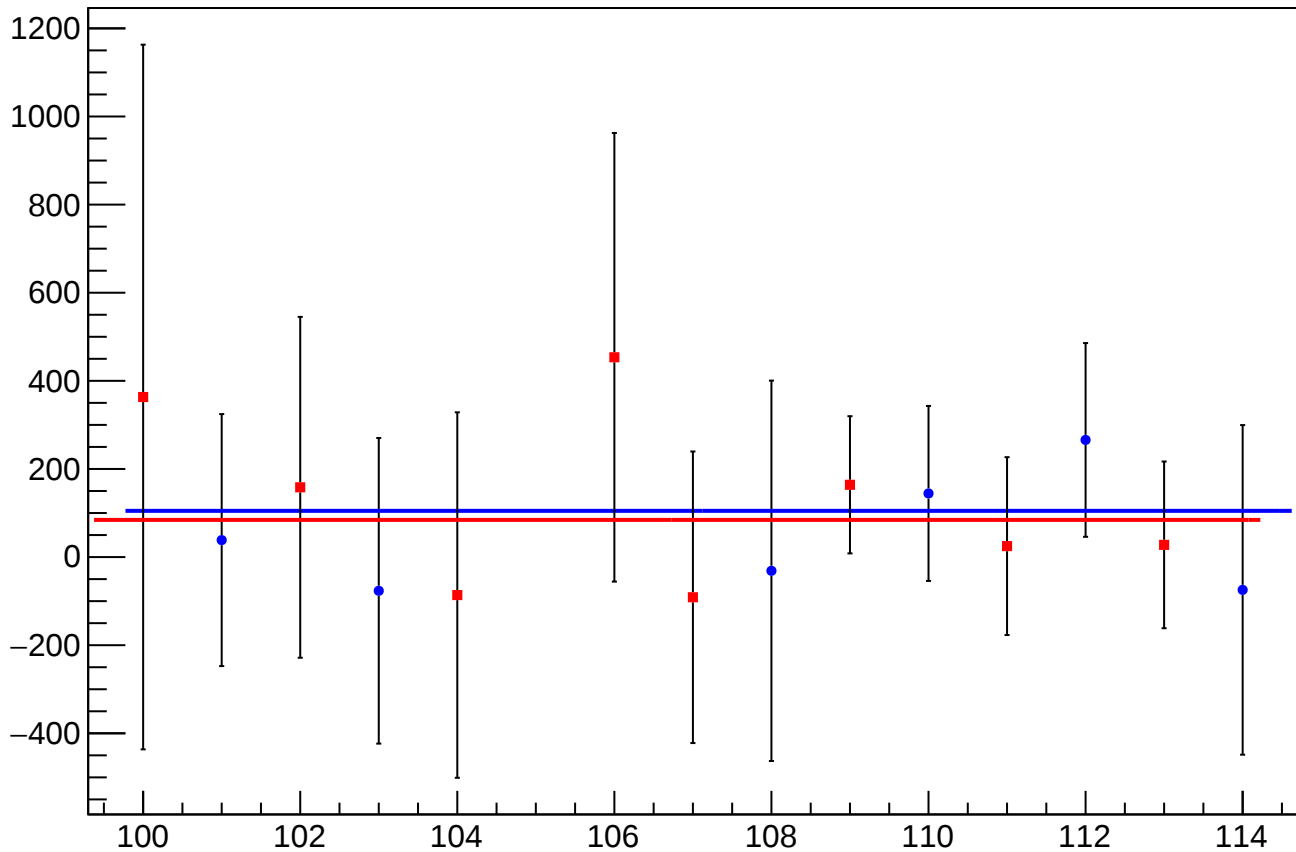
Right: 10.385+/-0.003 χ^2/NDF : 59761.5/13

In: 10.244+/-0.005 χ^2/NDF : 28561.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.385+/-0.003 χ^2/NDF : 59761.5/13

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: 104.935+/-112.435 χ^2/NDF : 1.2/5

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

Right Out: 84.401+/-90.996 χ^2/NDF : 1.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

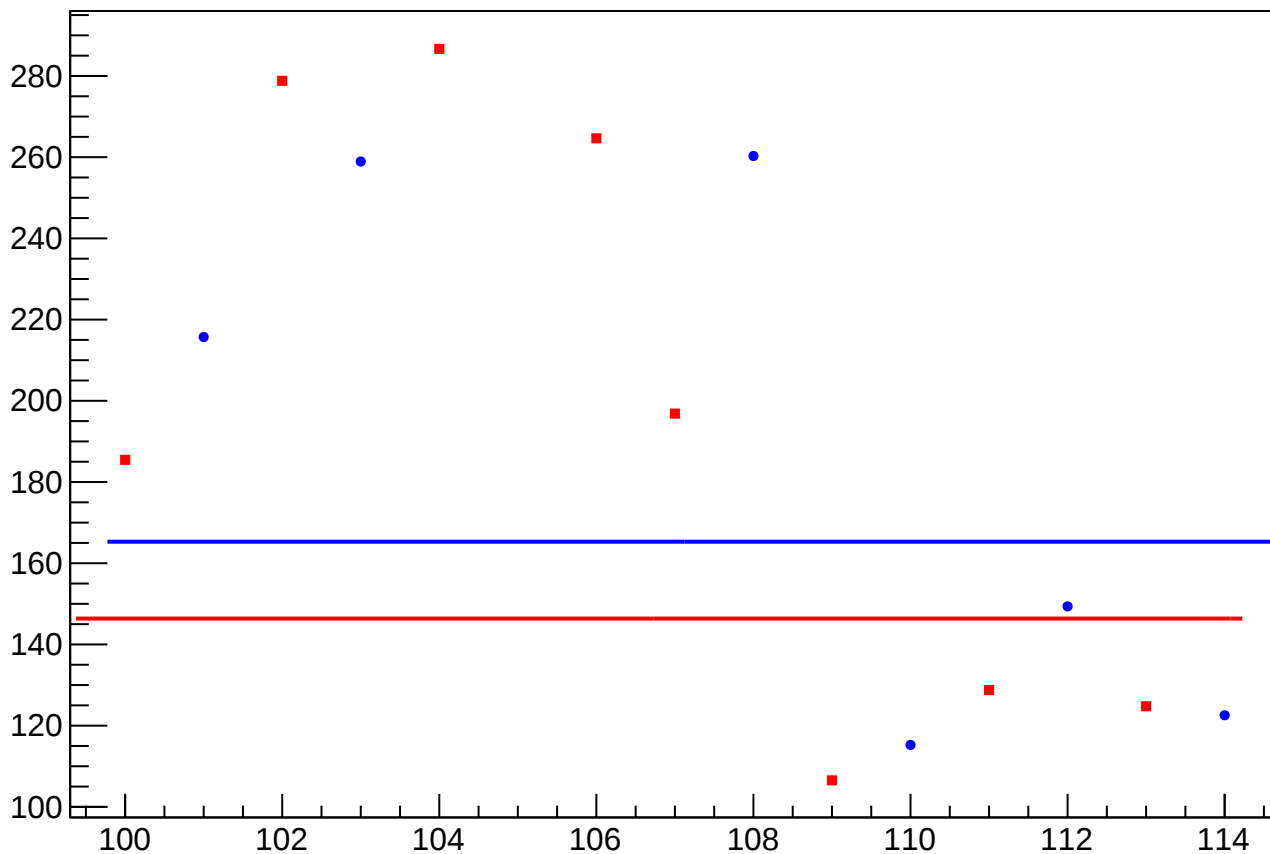
Right: 92.528+/-70.733 χ^2/NDF : 2.8/13

In: 104.935+/-112.435 χ^2/NDF : 1.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.528+/-70.733 χ^2/NDF : 2.8/13

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 165.305+/-0.080 χ^2/NDF : 468348.6/5

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

Right Out: 146.378+/-0.064 χ^2/NDF : 794726.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

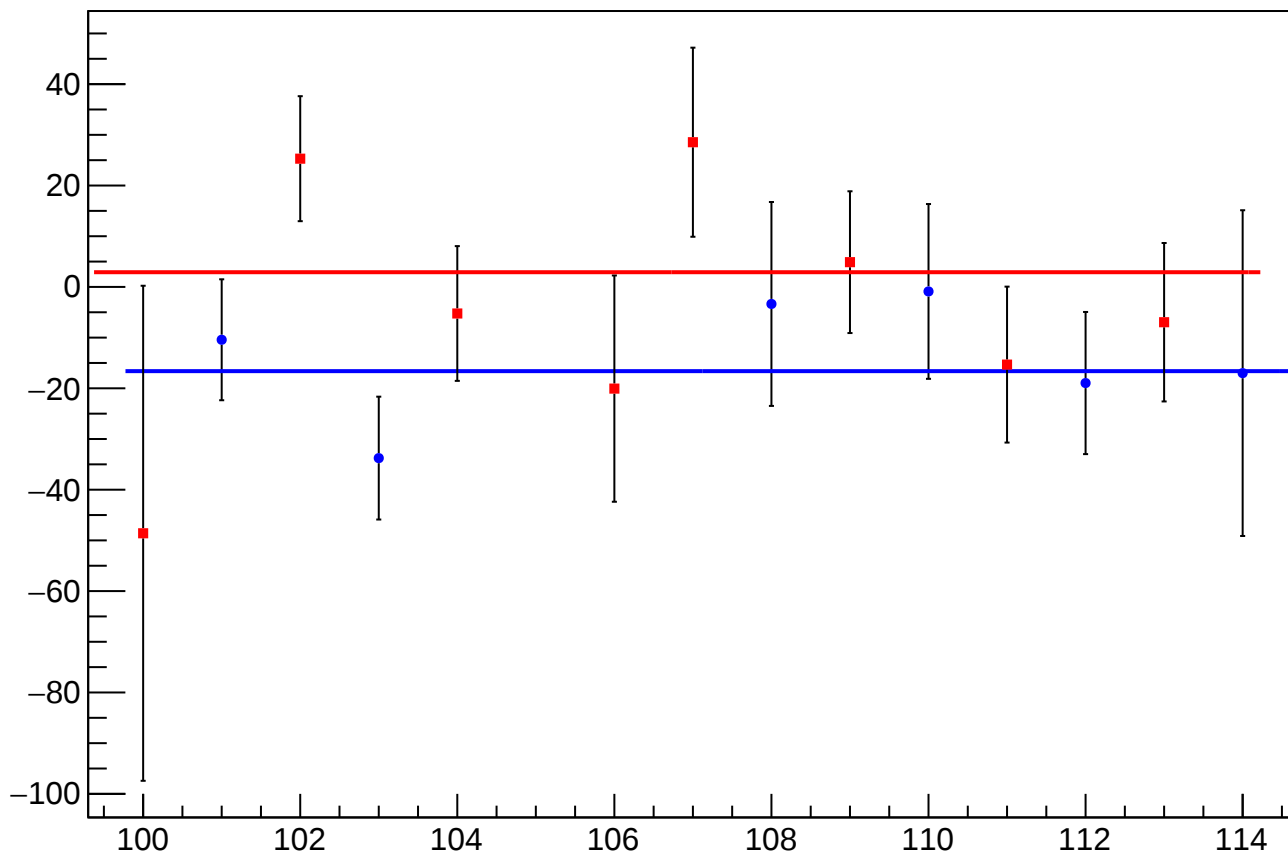
Right: 153.869+/-0.050 χ^2/NDF : 1297320.5/13

In: 165.305+/-0.080 χ^2/NDF : 468348.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.869+/-0.050 χ^2/NDF : 1297320.5/13

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -16.614 $\pm$ 6.234 χ^2 /NDF: 3.6/5

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

Right Out: 2.901 $\pm$ 5.682 χ^2 /NDF: 9.6/7

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

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

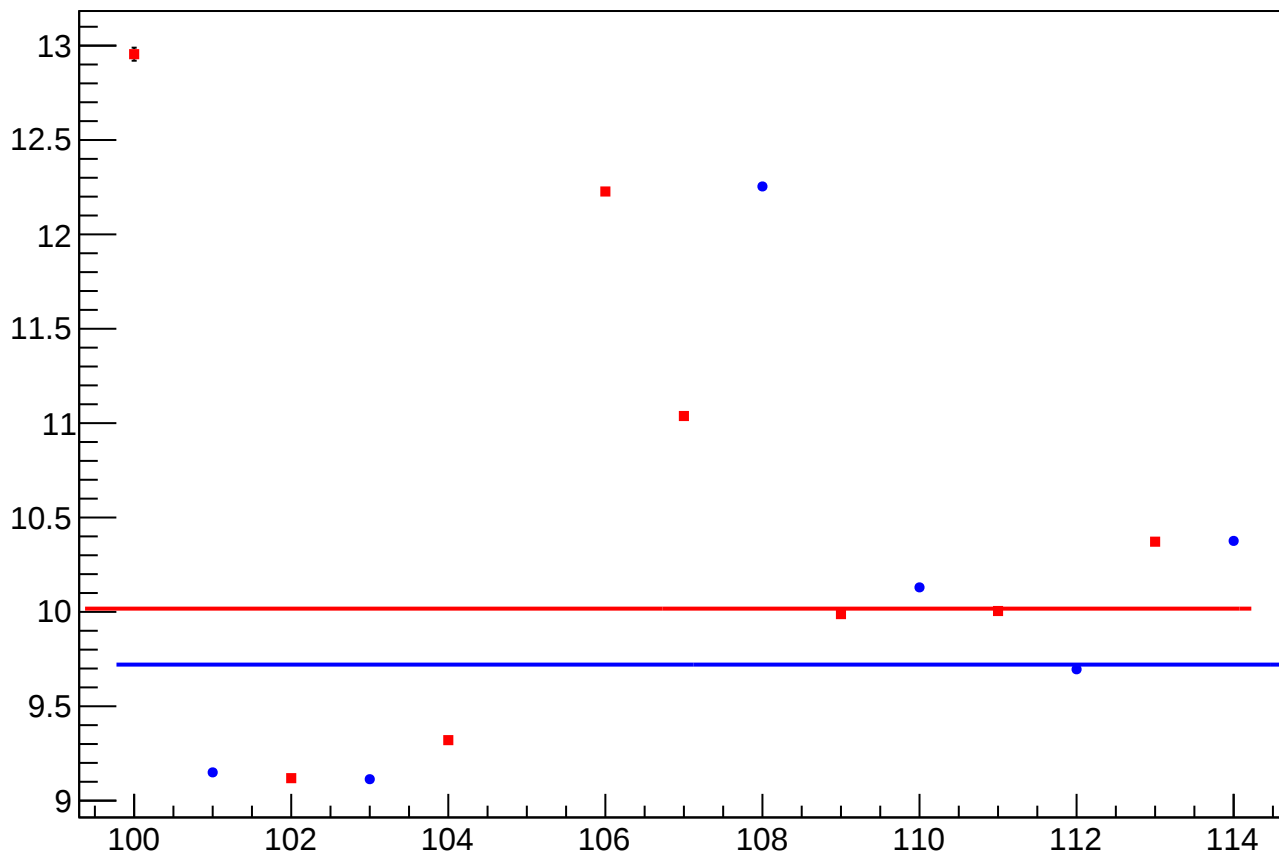
Right: -5.953 $\pm$ 4.199 χ^2 /NDF: 18.5/13

In: -16.614 $\pm$ 6.234 χ^2 /NDF:3.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.953 $\pm$ 4.199 χ^2 /NDF: 18.5/13

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 9.721+/-0.004 χ^2/NDF : 43295.2/5

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

Right Out: 10.017+/-0.004 χ^2/NDF : 49984.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

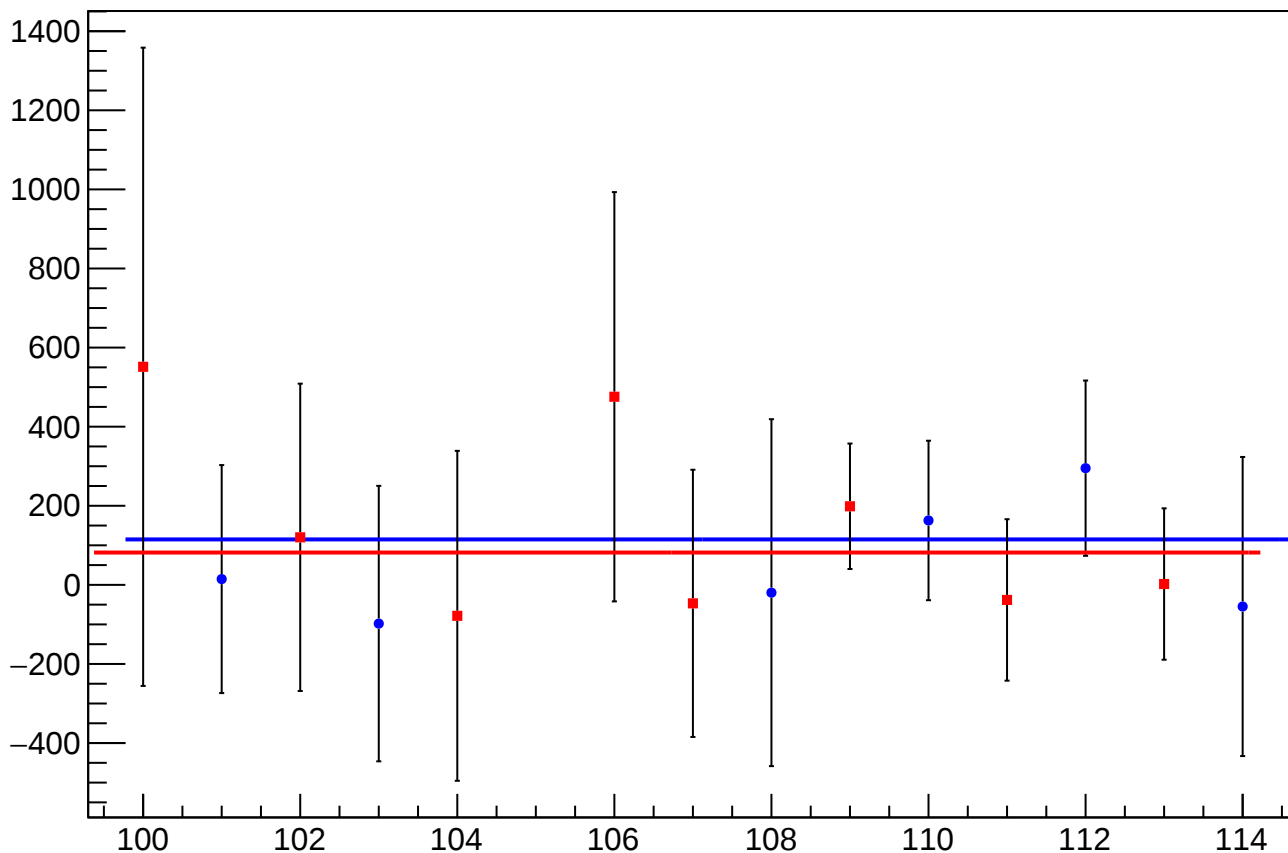
Right: 9.883+/-0.003 χ^2/NDF : 95751.4/13

In: 9.721+/-0.004 χ^2/NDF : 43295.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.883+/-0.003 χ^2/NDF : 95751.4/13

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 114.915+/-113.651 χ^2/NDF : 1.5/5

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

Right Out: 81.754+/-92.275 χ^2/NDF : 2.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

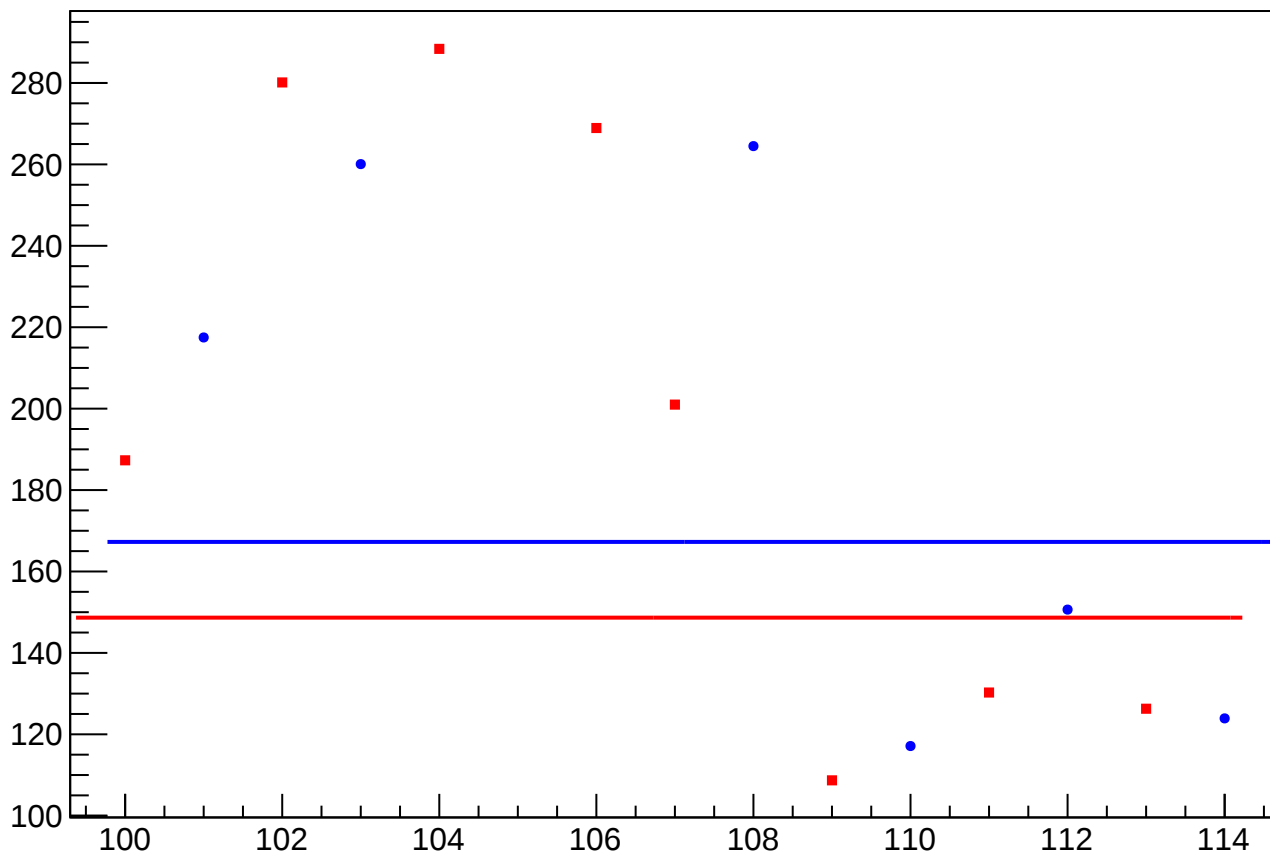
Right: 94.929+/-71.637 χ^2/NDF : 3.8/13

In: 114.915+/-113.651 χ^2/NDF : 1.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.929+/-71.637 χ^2/NDF : 3.8/13

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 167.264 $\pm$ 0.080 χ^2 /NDF: 462152.7/5

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

Right Out: 148.660 $\pm$ 0.065 χ^2 /NDF: 784475.7/7

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

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

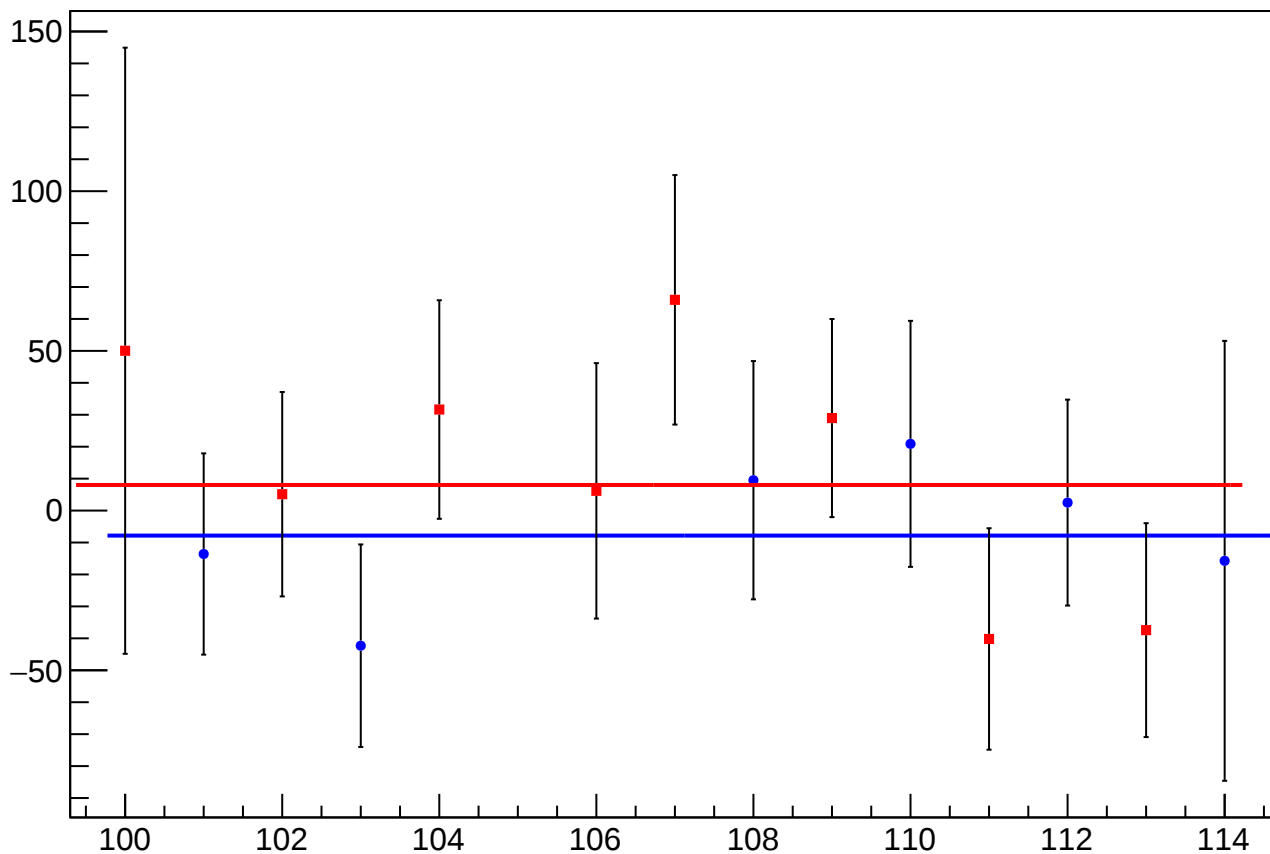
Right: 156.052 $\pm$ 0.051 χ^2 /NDF: 1278929.1/13

In: 167.264 $\pm$ 0.080 χ^2 /NDF:462152.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 156.052 $\pm$ 0.051 χ^2 /NDF: 1278929.1/13

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.831+/-14.795 χ^2/NDF : 2.1/5

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

Right Out: 8.015+/-12.925 χ^2/NDF : 7.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

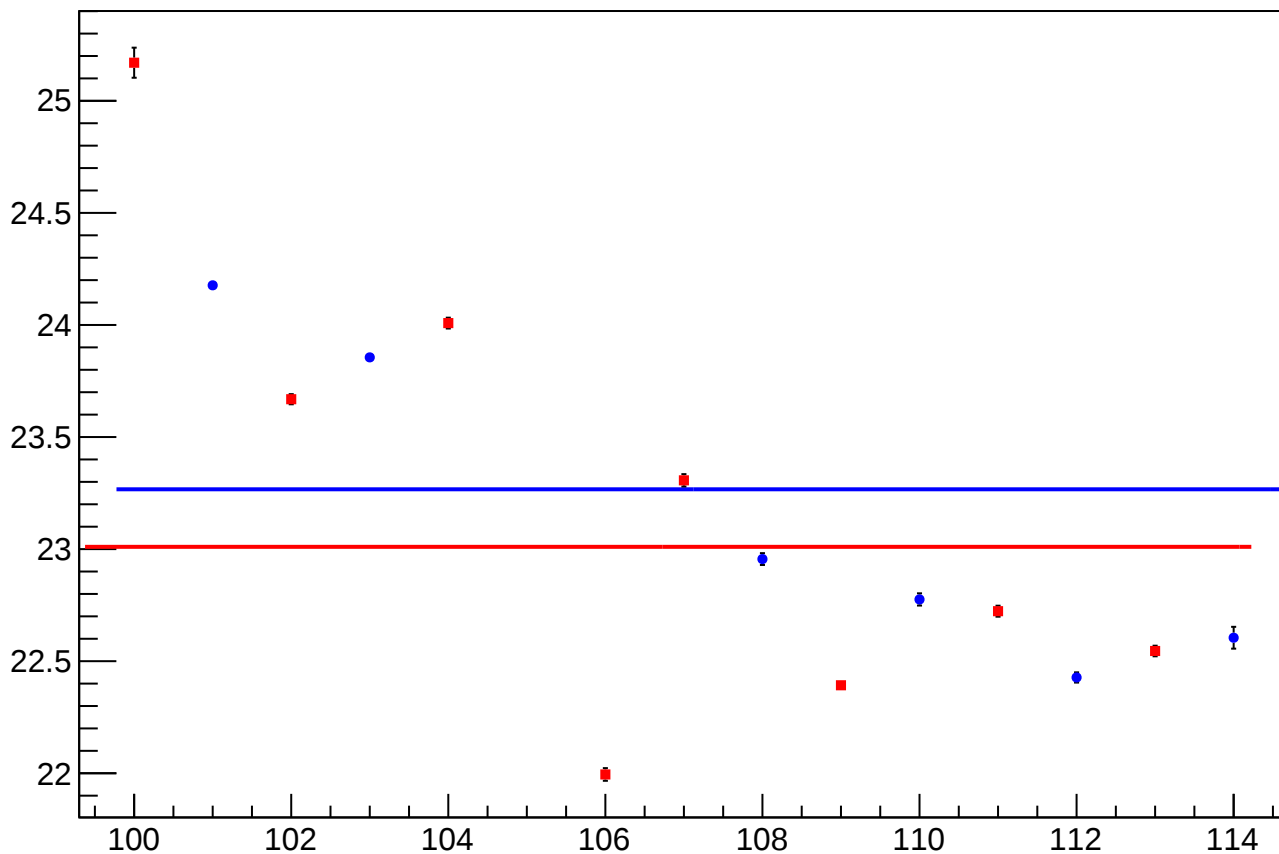
Right: 1.156+/-9.734 χ^2/NDF : 9.9/13

In: -7.831+/-14.795 χ^2/NDF : 2.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.156+/-9.734 χ^2/NDF : 9.9/13

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 23.267+/-0.010 χ^2/NDF : 4363.9/5

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

Right Out: 23.010+/-0.009 χ^2/NDF : 6306.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

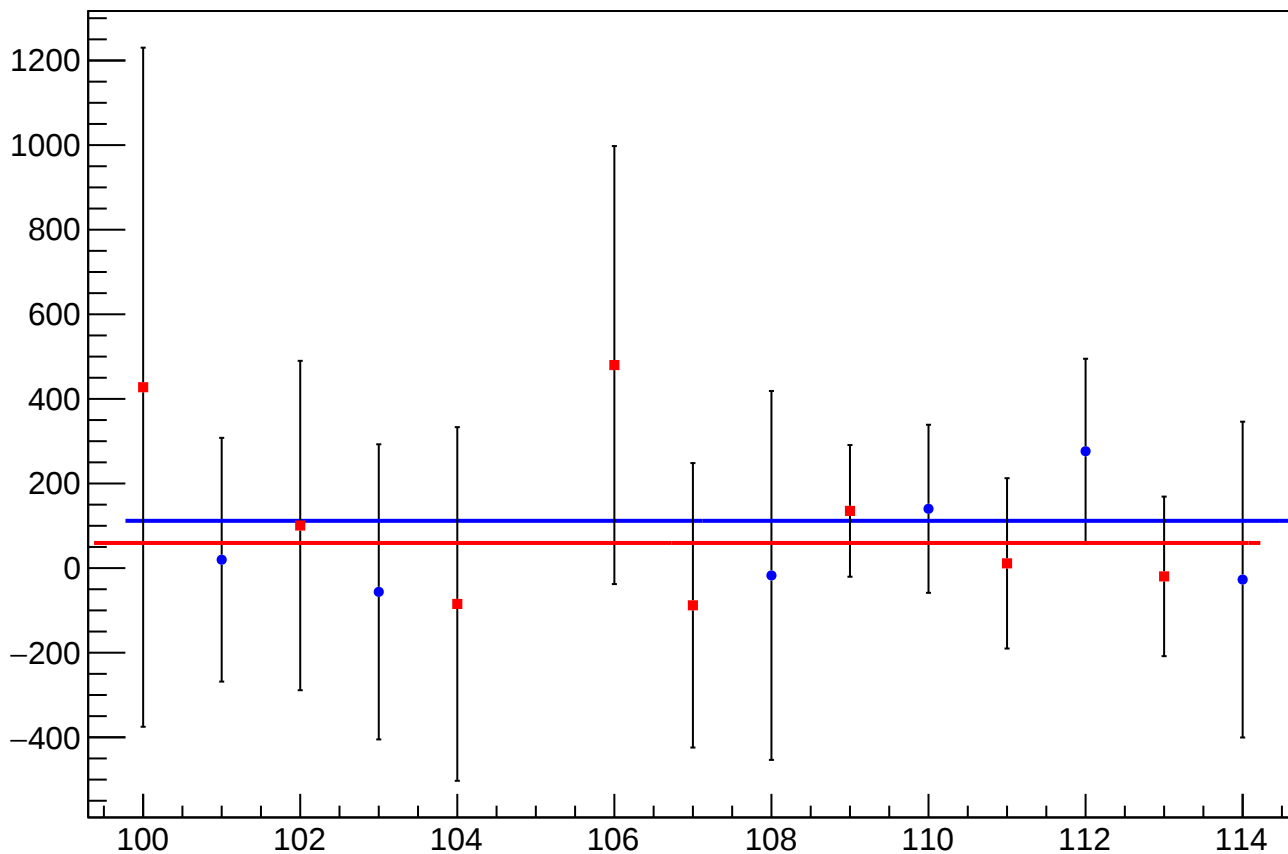
Right: 23.121+/-0.007 χ^2/NDF : 11011.8/13

In: 23.267+/-0.010 χ^2/NDF : 4363.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.121+/-0.007 χ^2/NDF : 11011.8/13

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 111.770+/-112.538 χ^2/NDF : 1.1/5

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

Right Out: 59.453+/-91.102 χ^2/NDF : 1.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

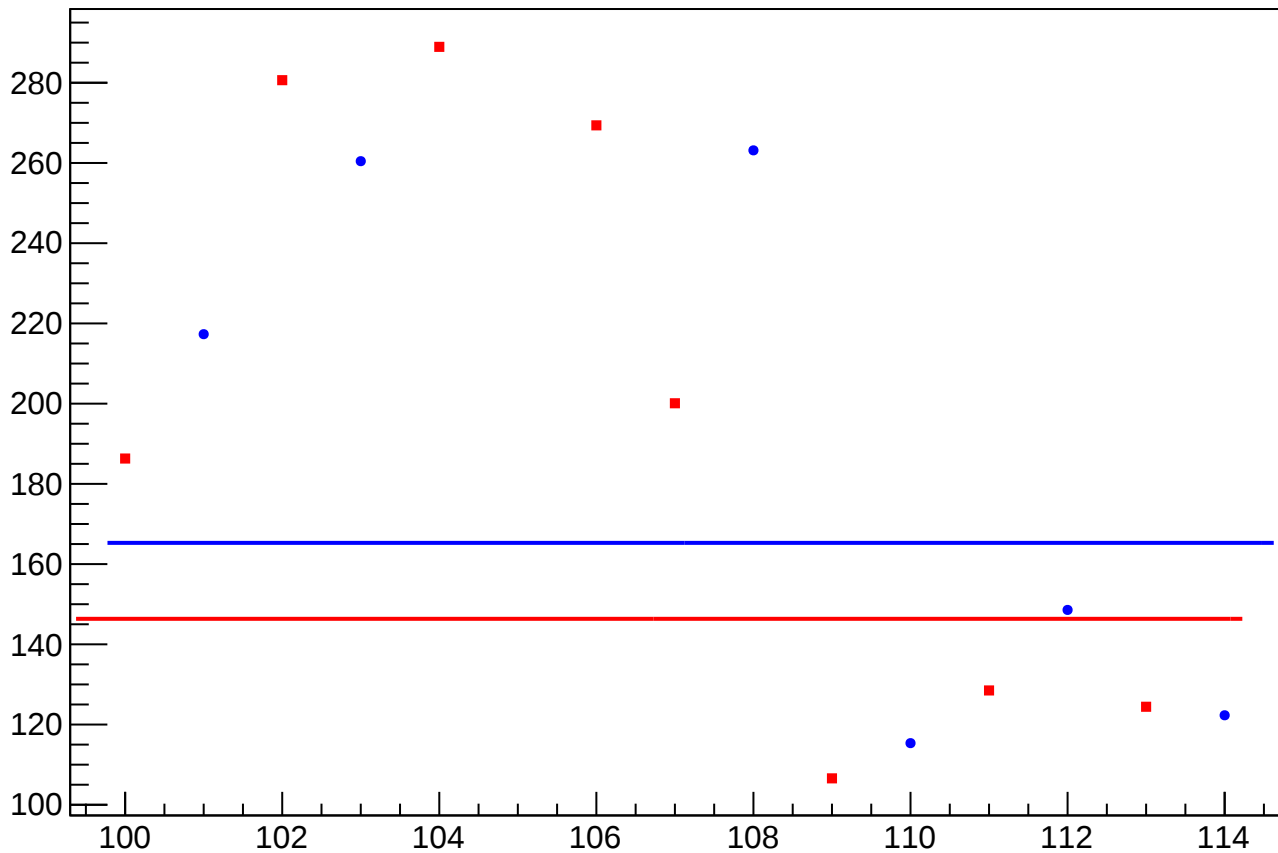
Right: 80.165+/-70.809 χ^2/NDF : 2.9/13

In: 111.770+/-112.538 χ^2/NDF : 1.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.165+/-70.809 χ^2/NDF : 2.9/13

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 165.294+/-0.080 χ^2/NDF : 479246.9/5

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

Right Out: 146.360+/-0.064 χ^2/NDF : 812877.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

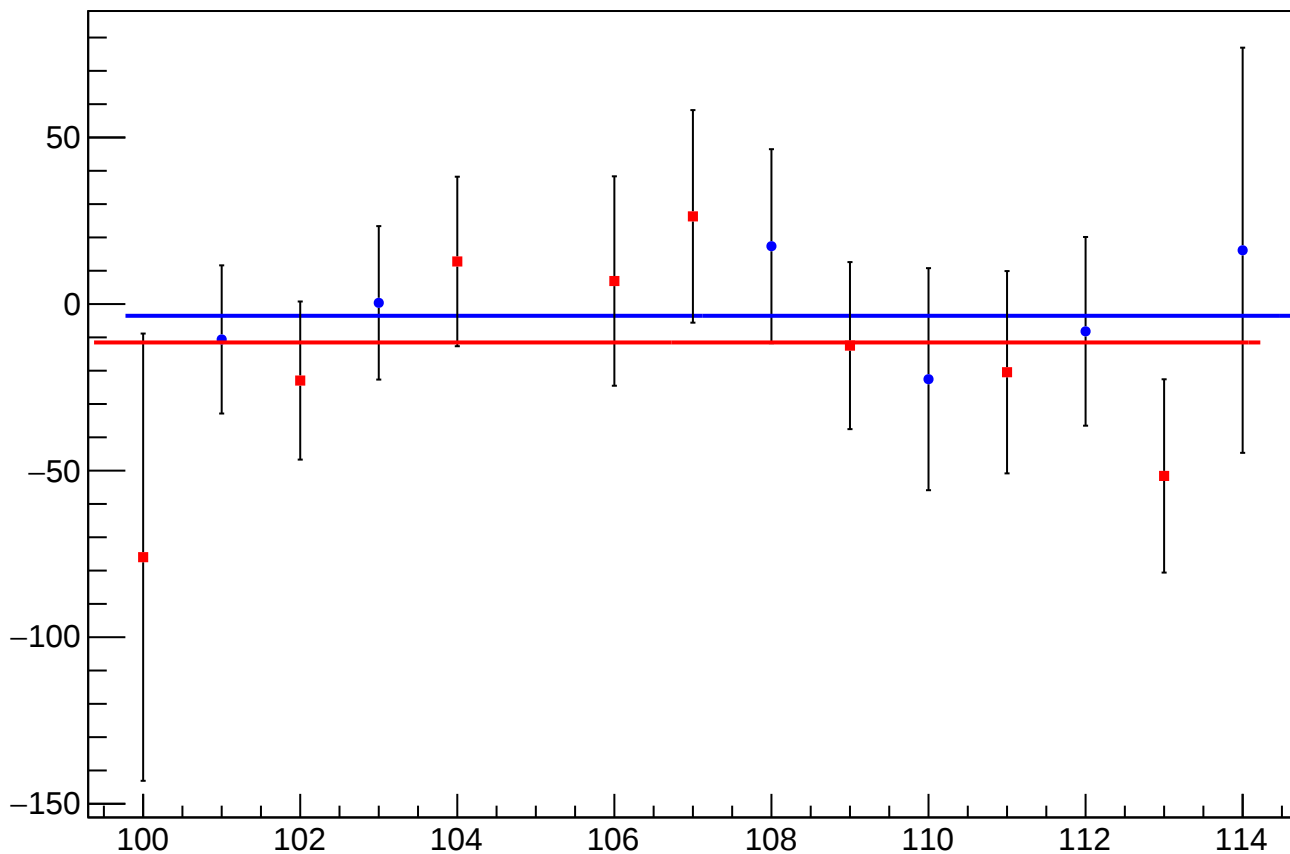
Right: 153.855+/-0.050 χ^2/NDF : 1326326.1/13

In: 165.294+/-0.080 χ^2/NDF : 479246.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.855+/-0.050 χ^2/NDF : 1326326.1/13

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -3.521+/-11.544 χ^2/NDF : 1.1/5

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

Right Out: -11.525+/-10.314 χ^2/NDF : 5.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

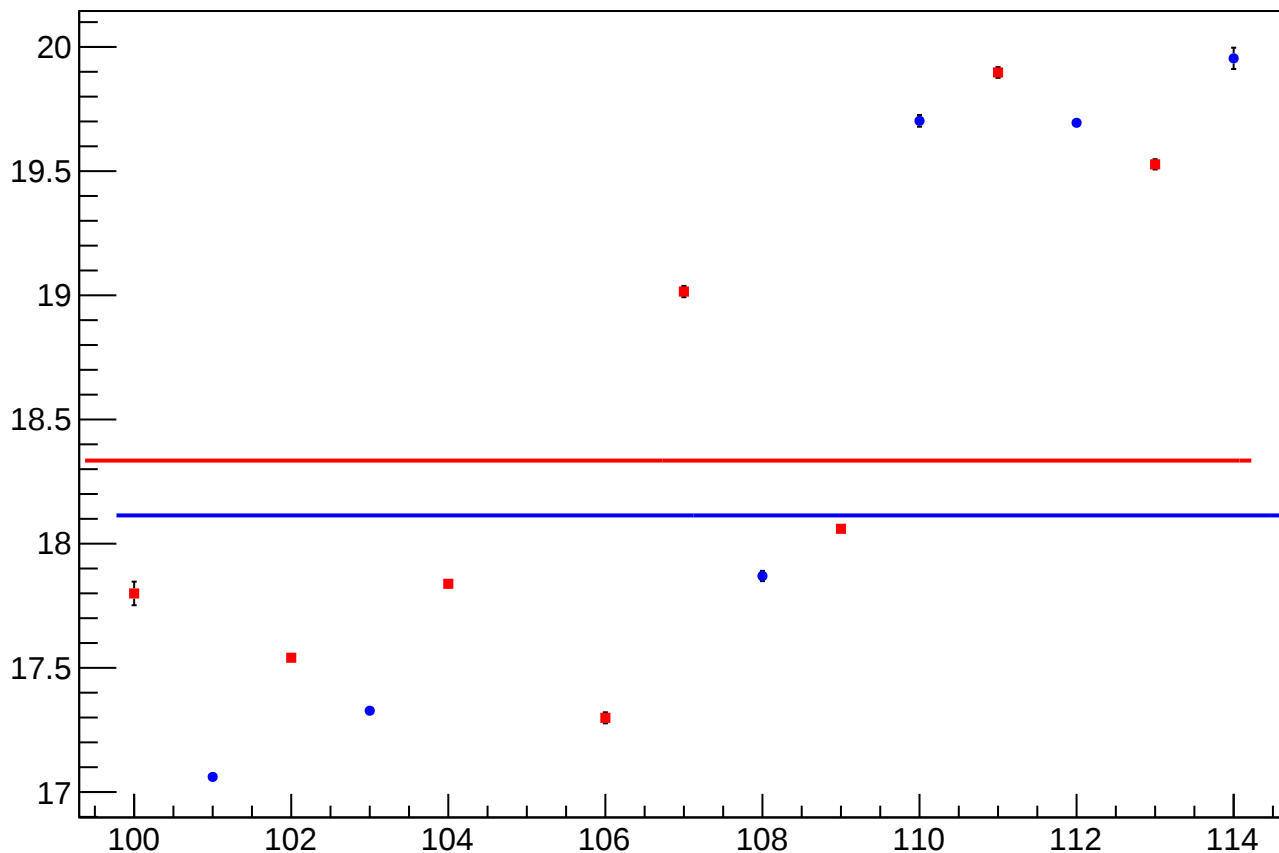
Right: -7.972+/-7.691 χ^2/NDF : 7.2/13

In: -3.521+/-11.544 χ^2/NDF : 1.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.972+/-7.691 χ^2/NDF : 7.2/13

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 18.114+/-0.008 χ^2/NDF : 19562.0/5

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

Right Out: 18.335+/-0.007 χ^2/NDF : 15125.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

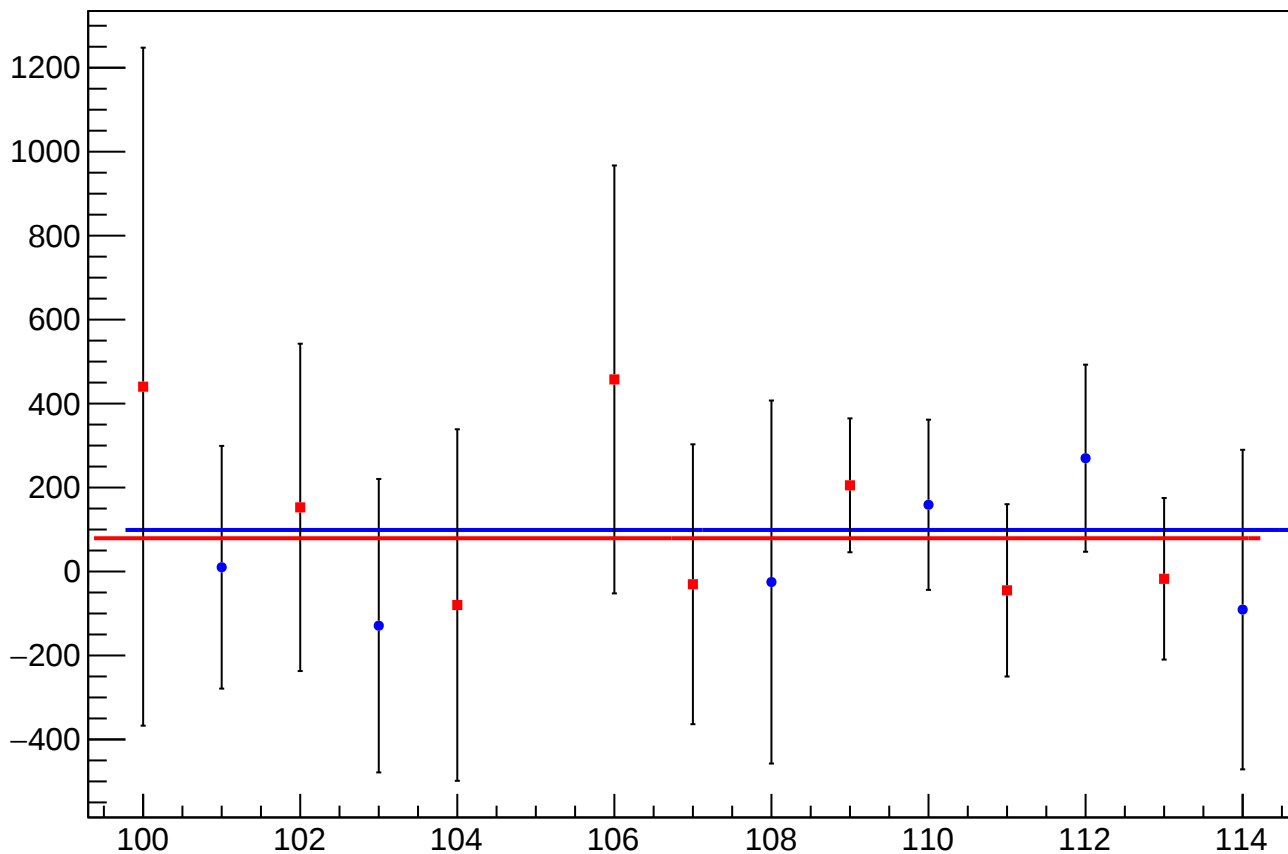
Right: 18.237+/-0.005 χ^2/NDF : 35094.8/13

In: 18.114+/-0.008 χ^2/NDF : 19562.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.237+/-0.005 χ^2/NDF : 35094.8/13

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 98.990+/-114.045 χ^2/NDF : 1.5/5

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

Right Out: 79.251+/-92.547 χ^2/NDF : 2.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

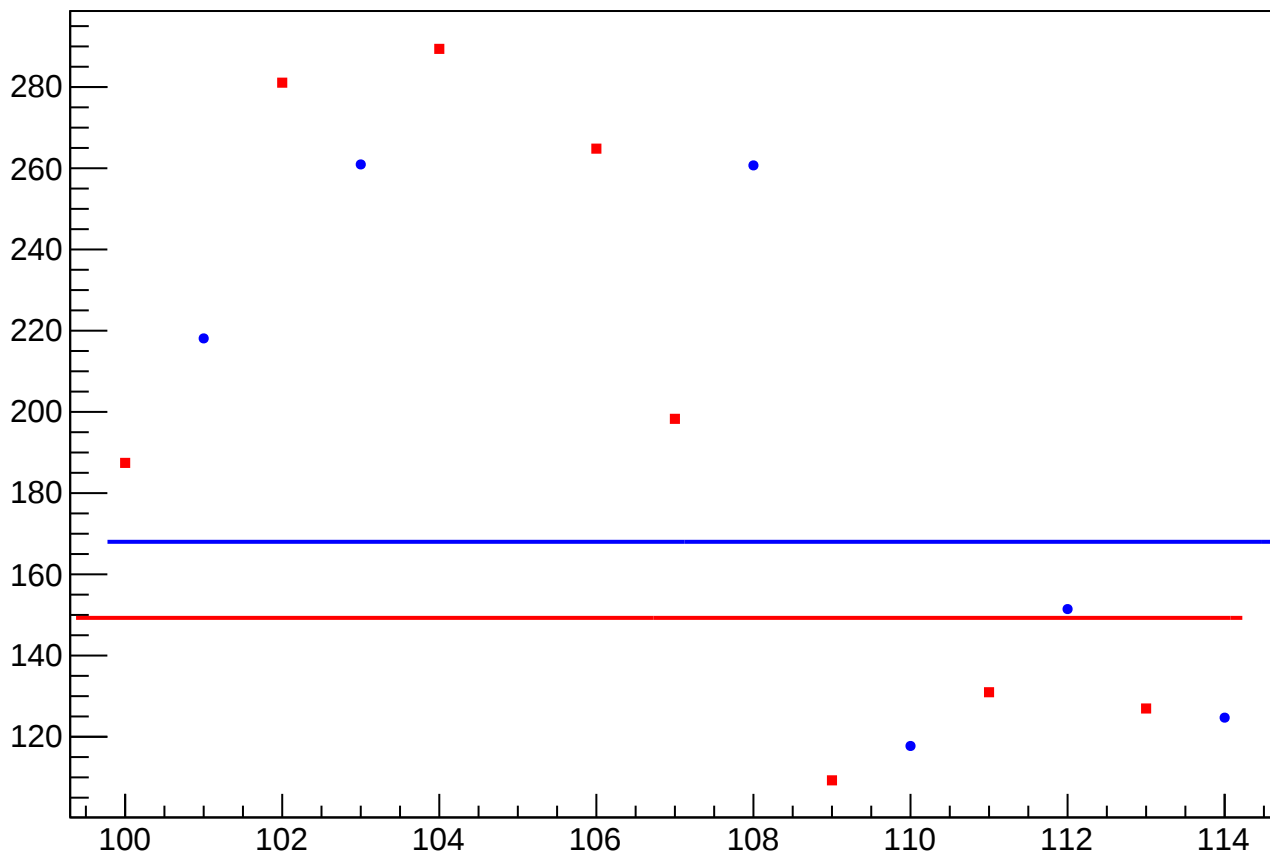
Right: 87.089+/-71.863 χ^2/NDF : 3.8/13

In: 98.990+/-114.045 χ^2/NDF : 1.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.089+/-71.863 χ^2/NDF : 3.8/13

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 168.011 $\pm$ 0.081 χ^2 /NDF: 453360.7/5

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

Right Out: 149.279 $\pm$ 0.065 χ^2 /NDF: 771861.3/7

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

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

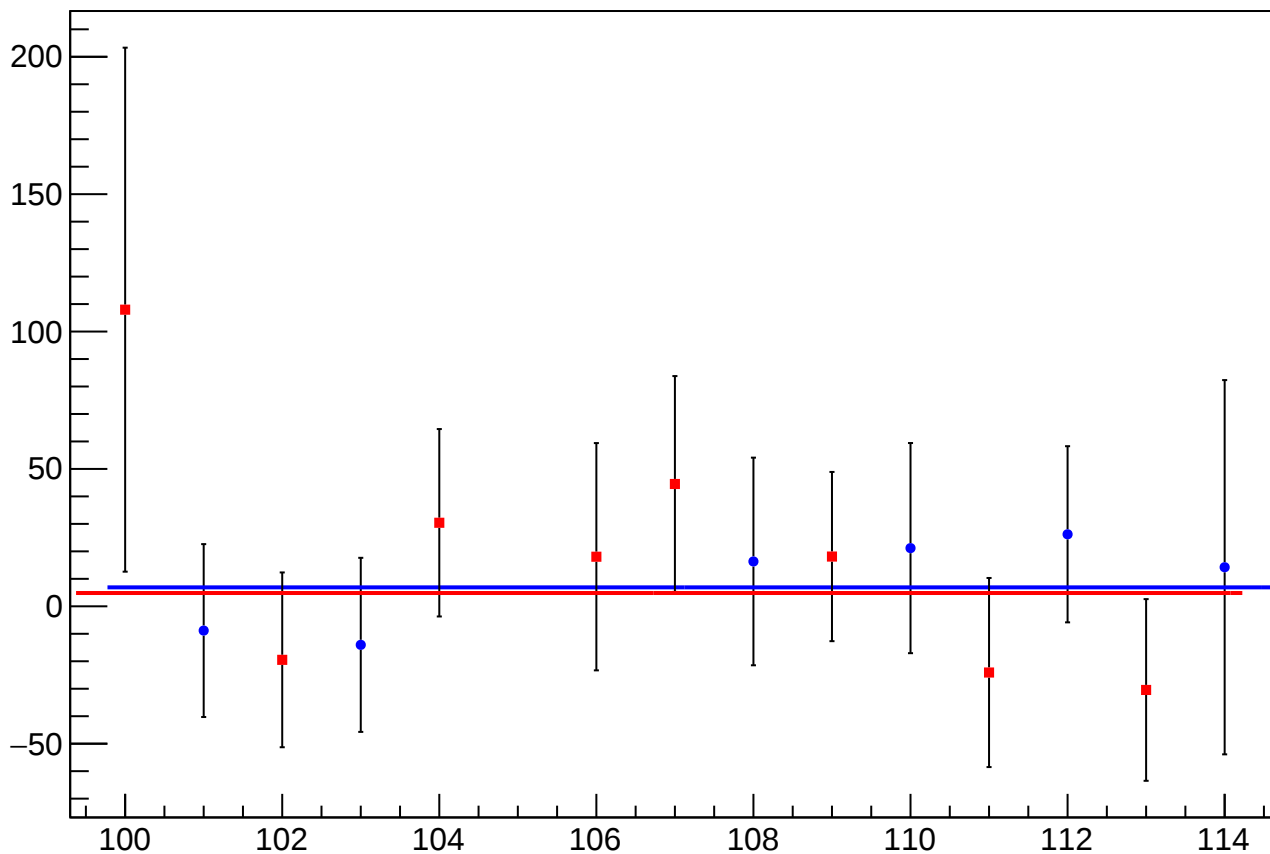
Right: 156.717 $\pm$ 0.051 χ^2 /NDF: 1257756.2/13

In: 168.011 $\pm$ 0.081 χ^2 /NDF:453360.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 156.717 $\pm$ 0.051 χ^2 /NDF: 1257756.2/13

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 6.898 $\pm$ 14.777 χ^2 /NDF: 1.3/5

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

Right Out: 4.839 $\pm$ 12.905 χ^2 /NDF: 5.5/7

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

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

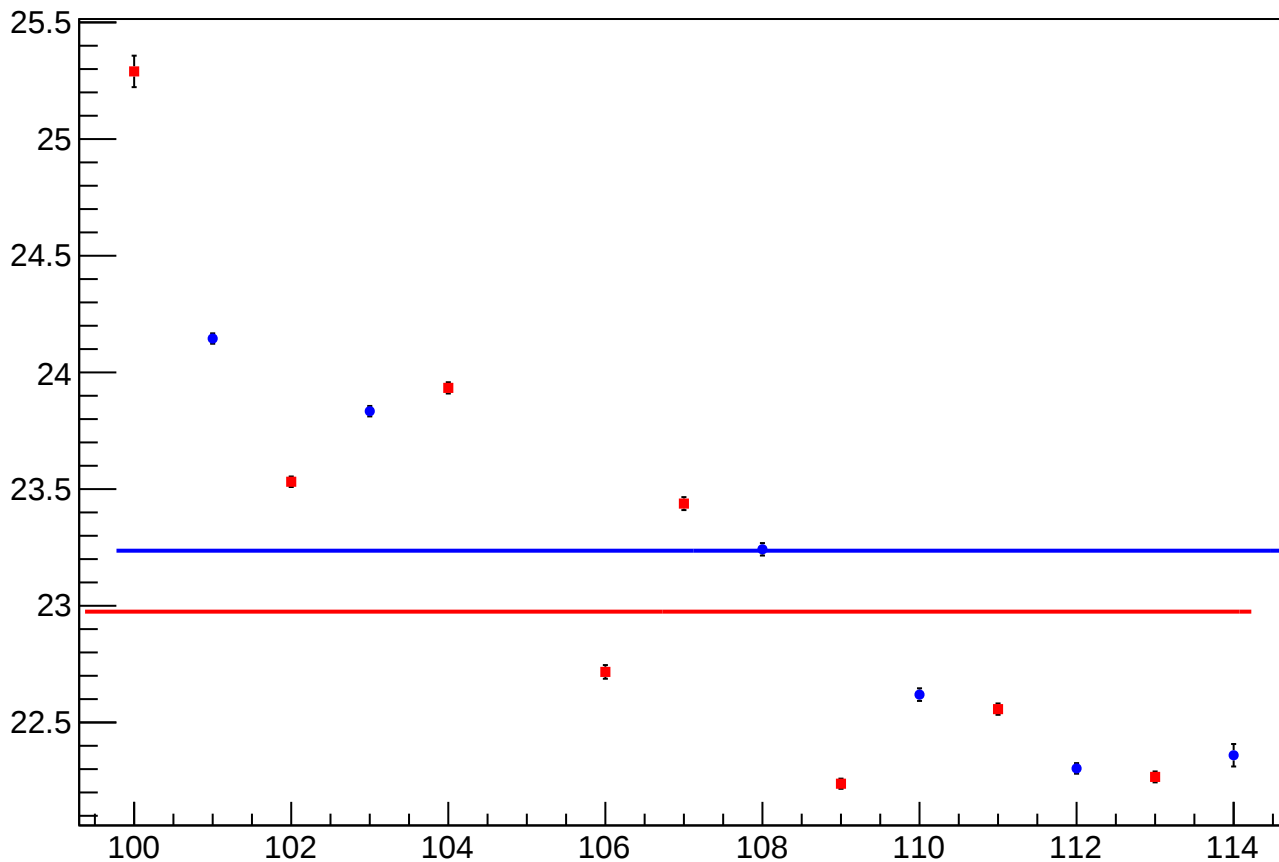
Right: 5.730 $\pm$ 9.720 χ^2 /NDF: 6.7/13

In: 6.898 $\pm$ 14.777 χ^2 /NDF: 1.3/5

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

All: 5.730 $\pm$ 9.720 χ^2 /NDF: 6.7/13

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 23.236+/-0.010 χ^2/NDF : 4927.7/5

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

Right Out: 22.975+/-0.009 χ^2/NDF : 6087.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

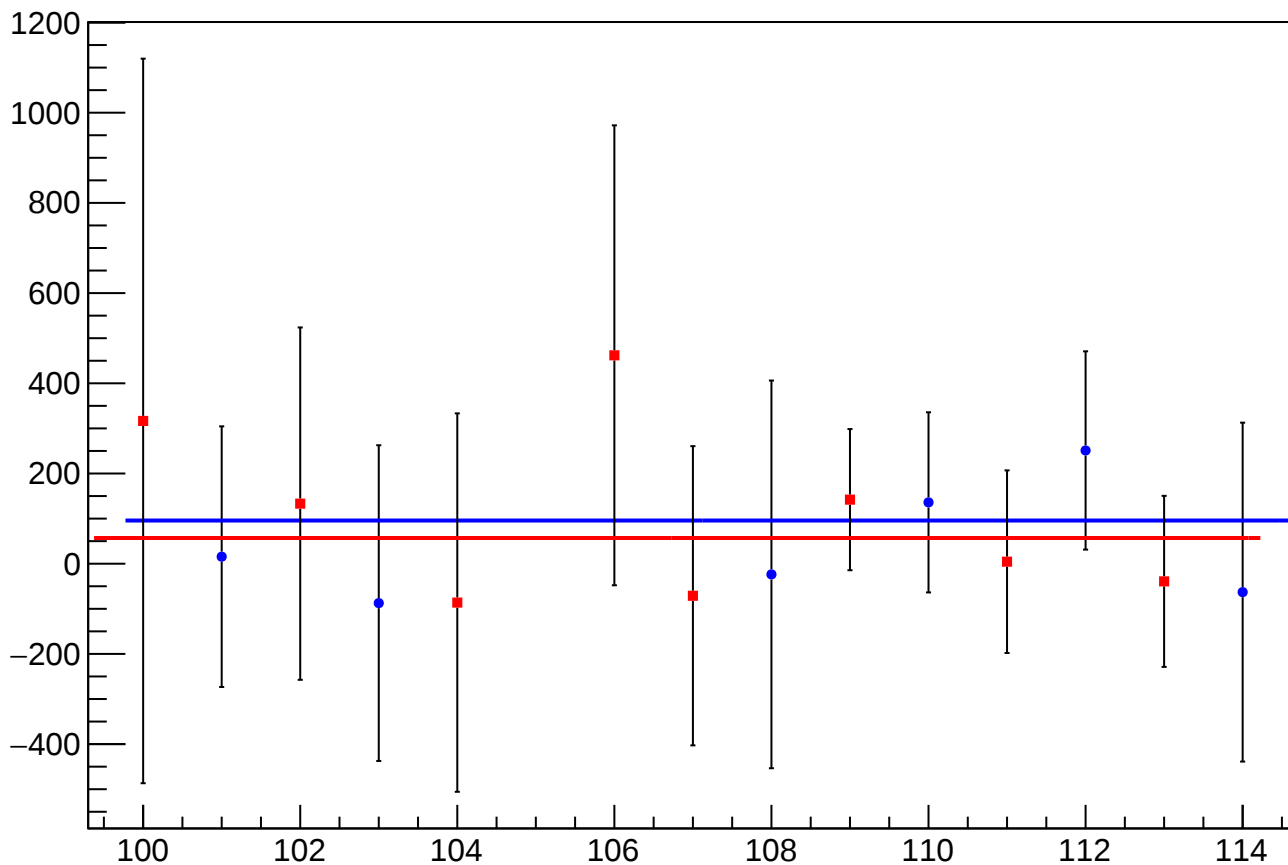
Right: 23.088+/-0.007 χ^2/NDF : 11369.3/13

In: 23.236+/-0.010 χ^2/NDF : 4927.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.088+/-0.007 χ^2/NDF : 11369.3/13

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 95.735+/-112.937 χ^2/NDF : 1.1/5

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

Right Out: 56.988+/-91.381 χ^2/NDF : 1.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

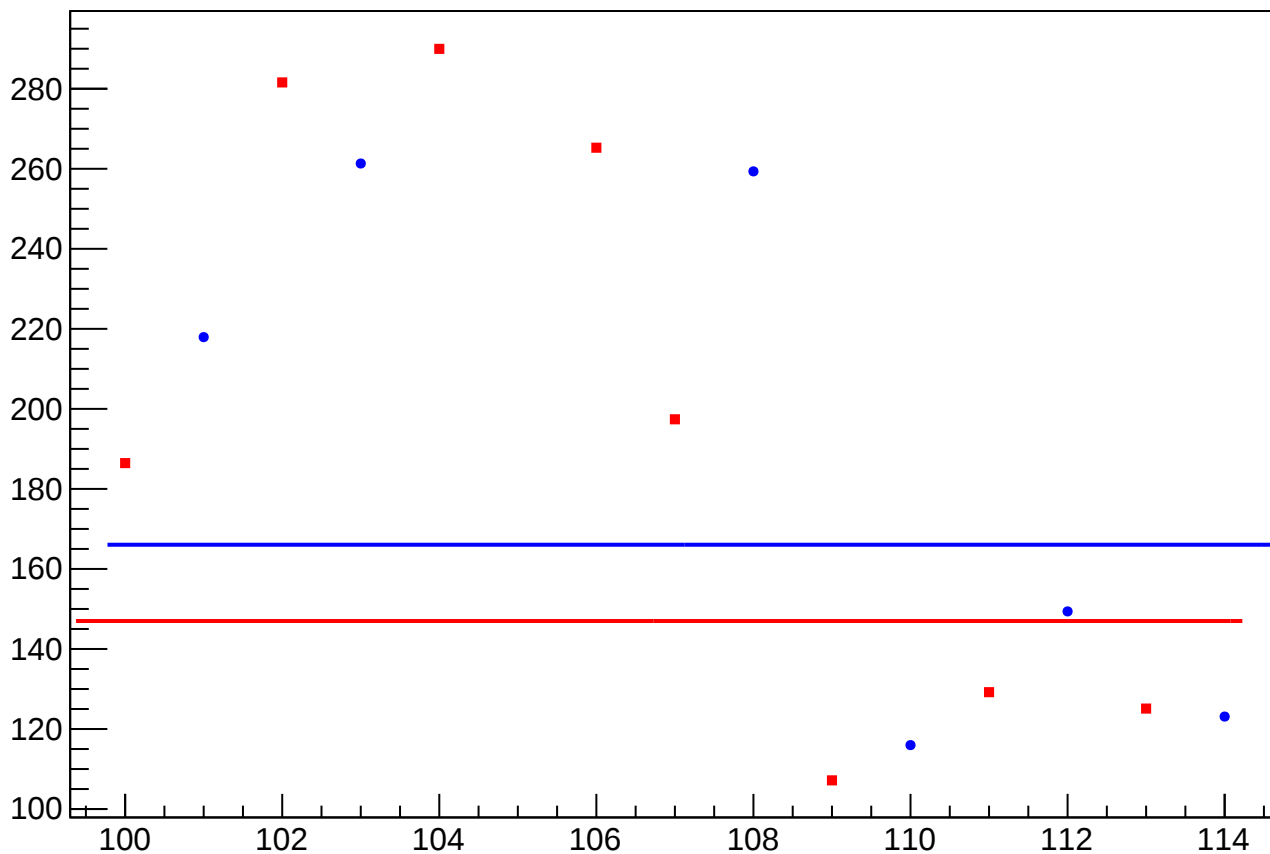
Right: 72.319+/-71.039 χ^2/NDF : 2.9/13

In: 95.735+/-112.937 χ^2/NDF : 1.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.319+/-71.039 χ^2/NDF : 2.9/13

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 166.050+/-0.080 χ^2/NDF : 470198.0/5

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

Right Out: 146.992+/-0.065 χ^2/NDF : 799901.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

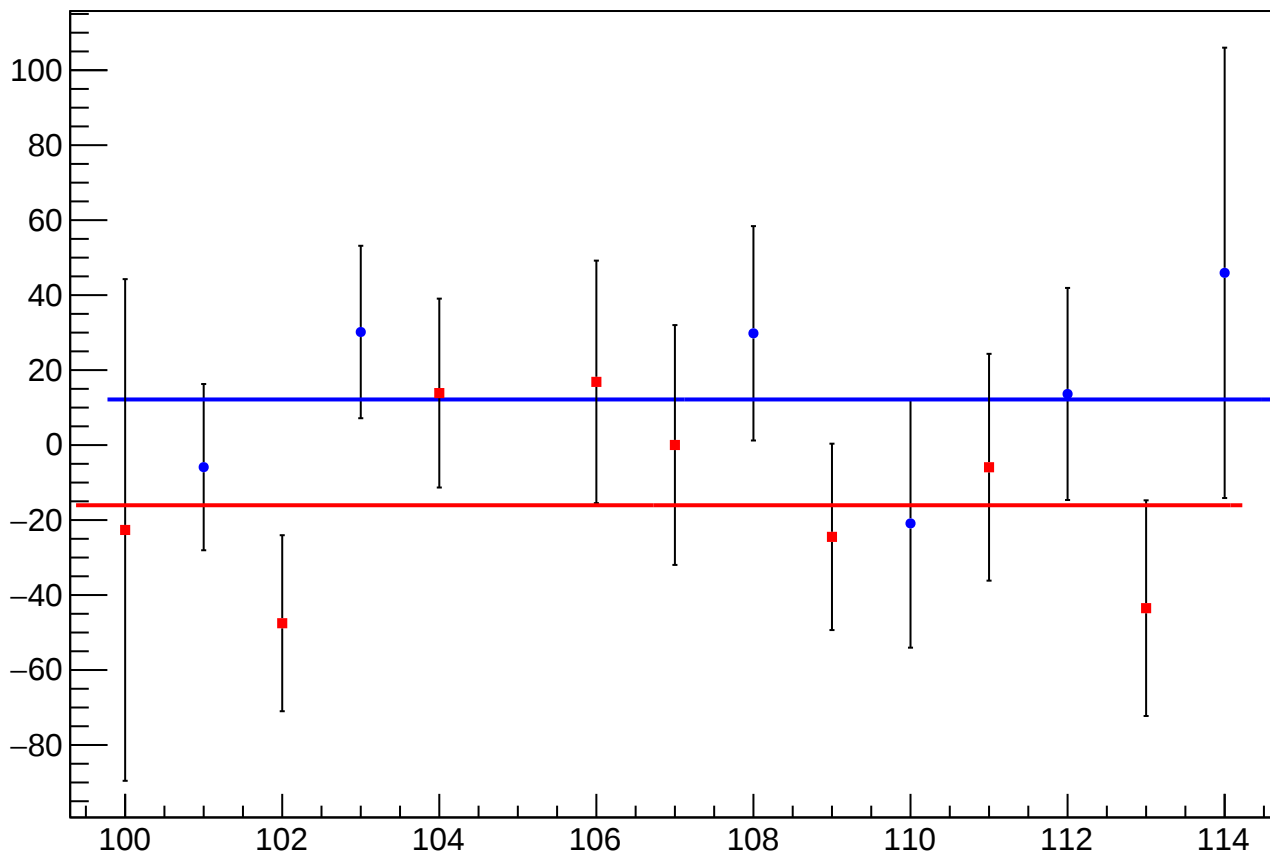
Right: 154.532+/-0.050 χ^2/NDF : 1304520.6/13

In: 166.050+/-0.080 χ^2/NDF :470198.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 154.532+/-0.050 χ^2/NDF : 1304520.6/13

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 12.167+/-11.482 χ^2/NDF : 3.0/5

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

Right Out: -16.050+/-10.278 χ^2/NDF : 5.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

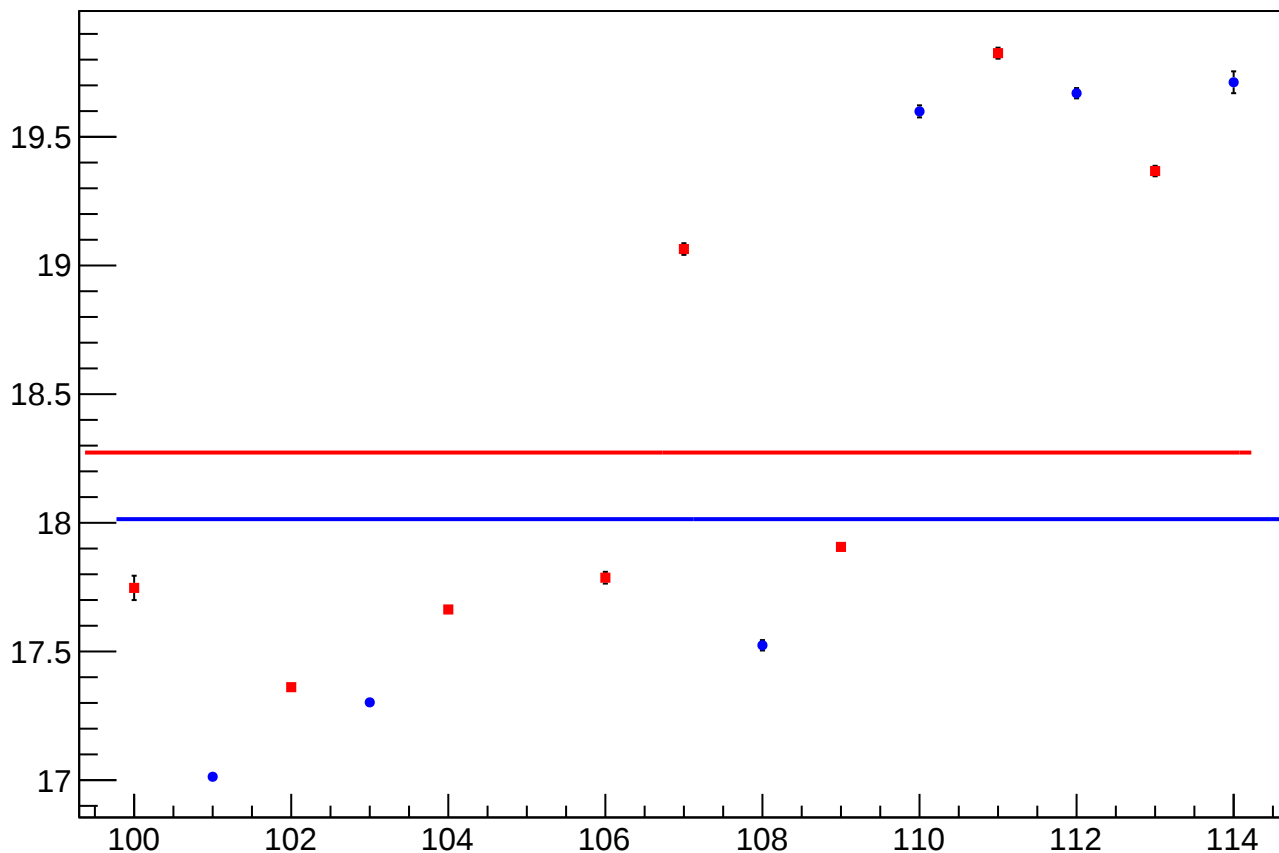
Right: -3.498+/-7.658 χ^2/NDF : 12.0/13

In: 12.167+/-11.482 χ^2/NDF : 3.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.498+/-7.658 χ^2/NDF : 12.0/13

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 18.014+/-0.008 χ^2 /NDF: 19601.0/5

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

Right Out: 18.273+/-0.007 χ^2 /NDF: 14580.6/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

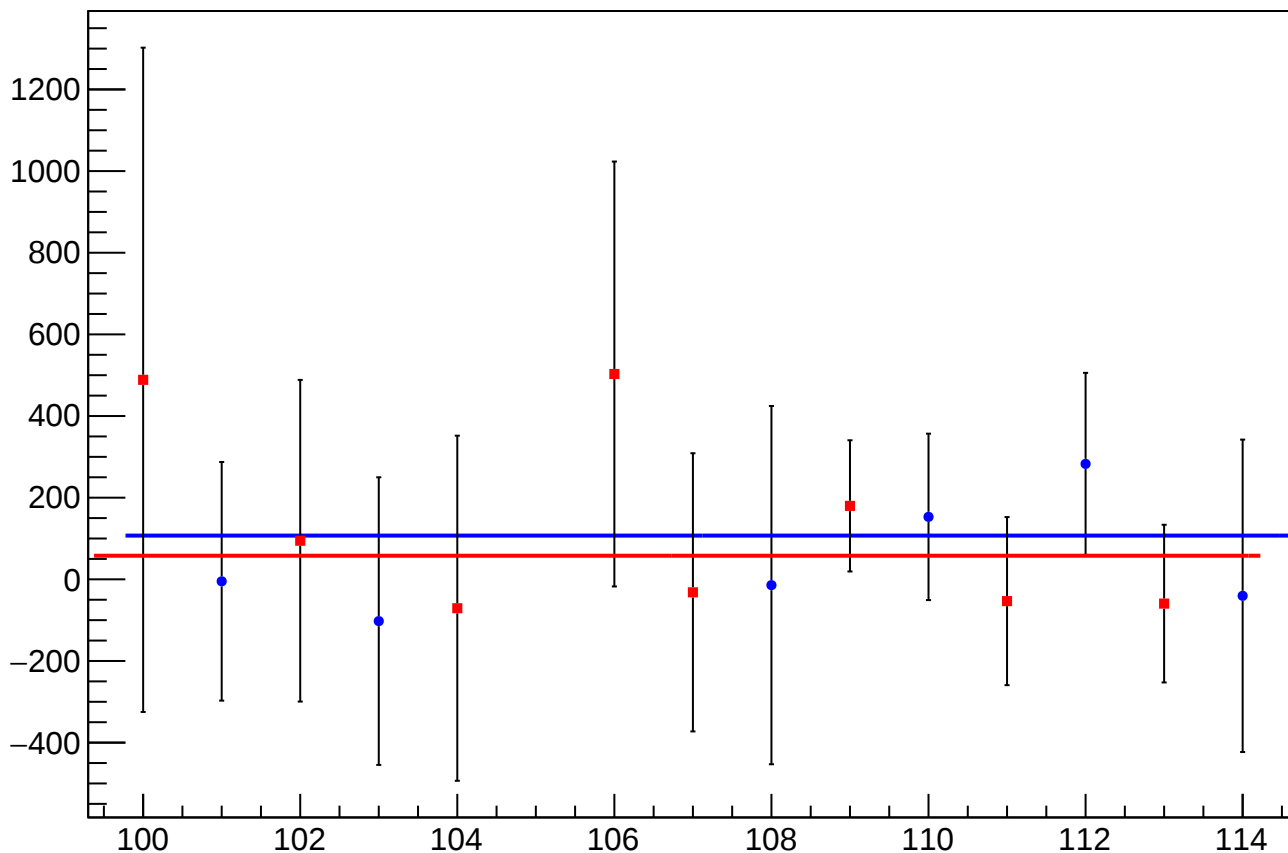
Right: 18.158+/-0.005 χ^2 /NDF: 34745.9/13

In: 18.014+/-0.008 χ^2 /NDF:19601.0/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 18.158+/-0.005 χ^2 /NDF: 34745.9/13

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 107.128+/-114.730 χ^2/NDF : 1.4/5

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

Right Out: 57.814+/-93.262 χ^2/NDF : 2.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

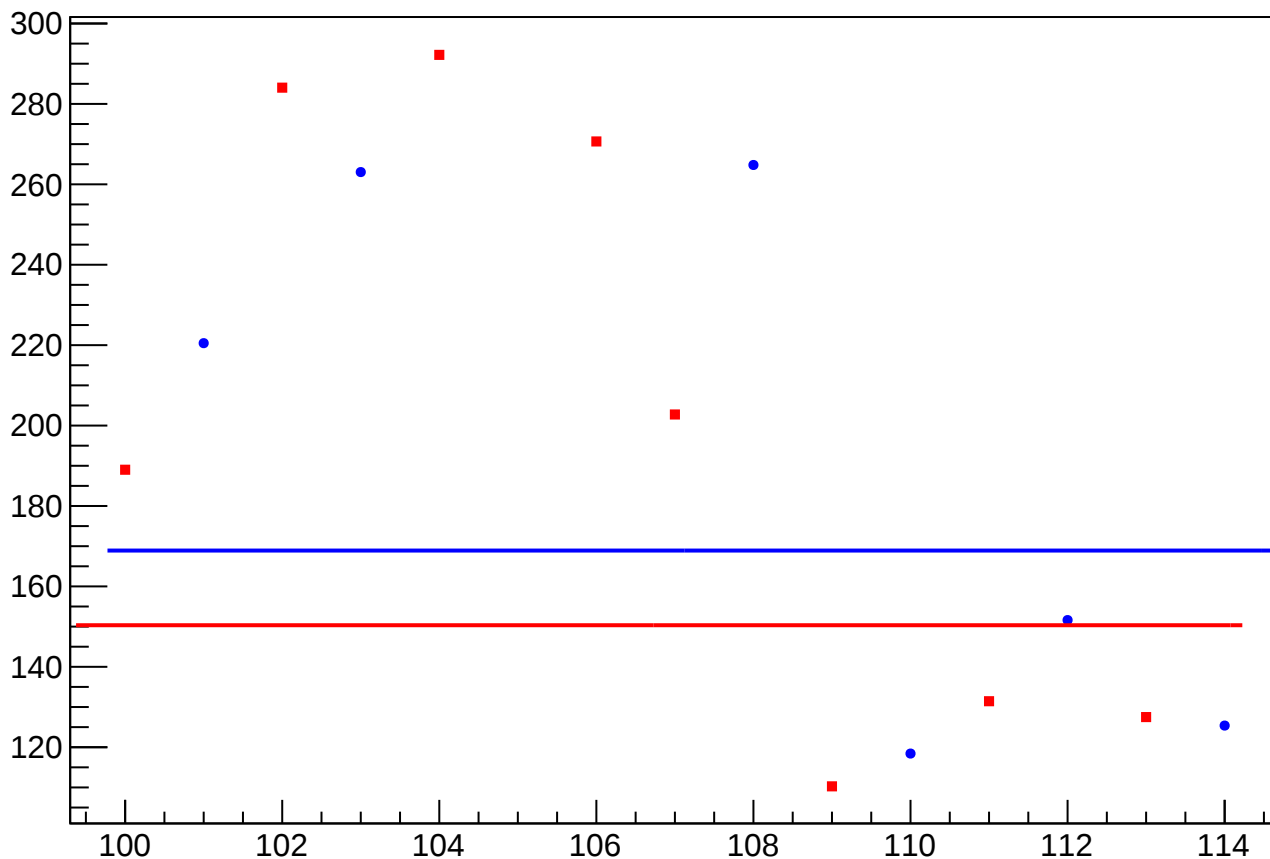
Right: 77.434+/-72.368 χ^2/NDF : 3.9/13

In: 107.128+/-114.730 χ^2/NDF : 1.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.434+/-72.368 χ^2/NDF : 3.9/13

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 168.916 $\pm$ 0.081 χ^2 /NDF: 461228.9/5

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

Right Out: 150.344 $\pm$ 0.066 χ^2 /NDF: 783527.5/7

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

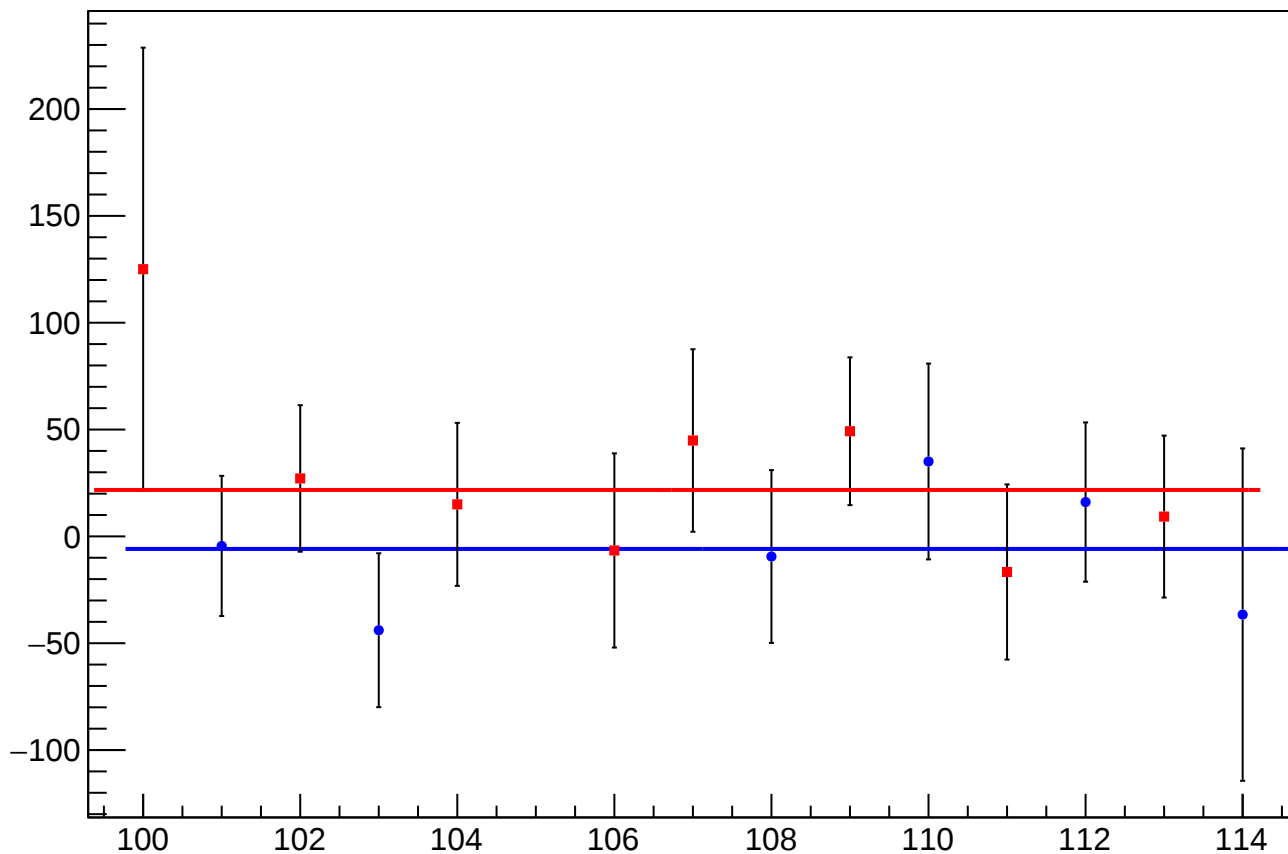
Right: 157.733 $\pm$ 0.051 χ^2 /NDF: 1276314.1/13

In: 168.916 $\pm$ 0.081 χ^2 /NDF:461228.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 157.733 $\pm$ 0.051 χ^2 /NDF: 1276314.1/13

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.874 $\pm$ 16.503 χ^2 /NDF: 2.4/5

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

Right Out: 21.729 $\pm$ 14.448 χ^2 /NDF: 3.3/7

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

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

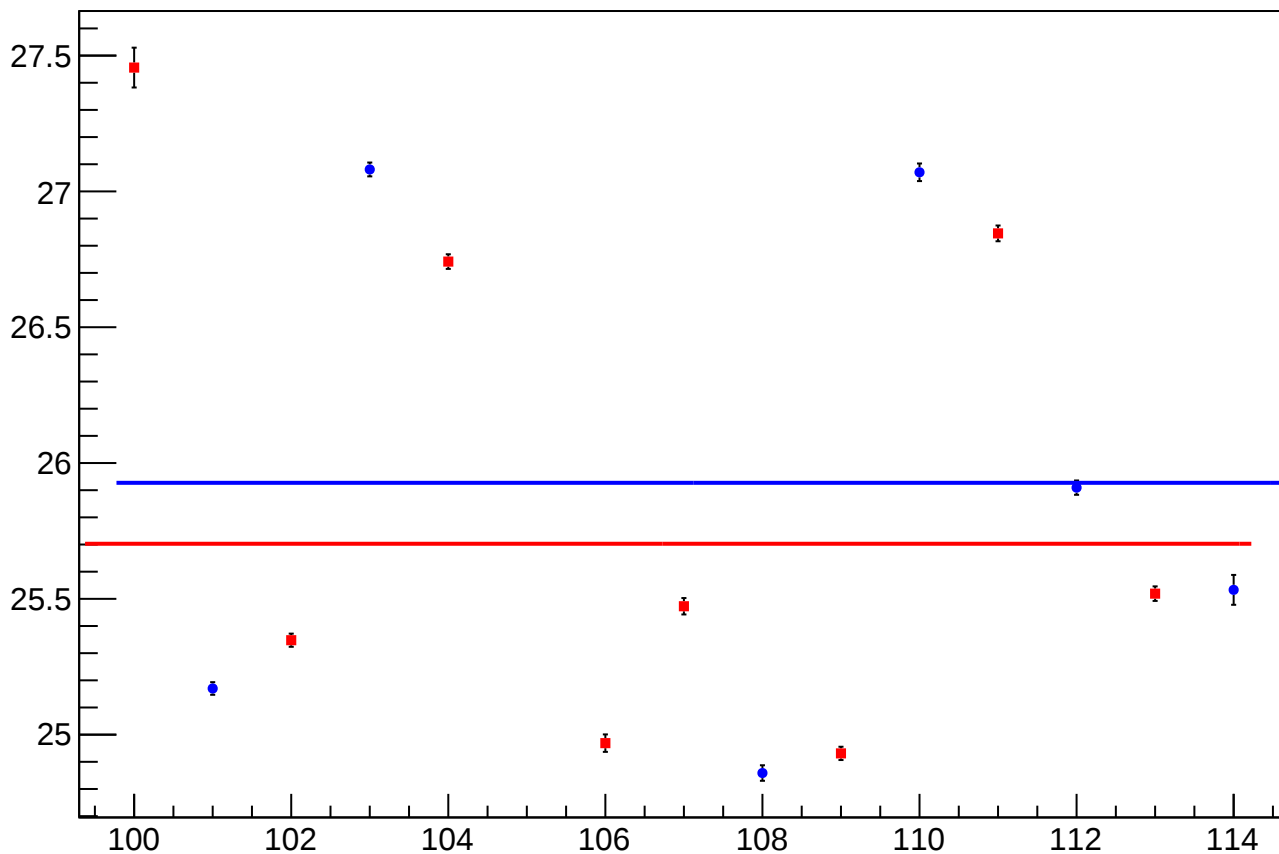
Right: 9.753 $\pm$ 10.870 χ^2 /NDF: 7.4/13

In: -5.874 $\pm$ 16.503 χ^2 /NDF: 2.4/5

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

All: 9.753 $\pm$ 10.870 χ^2 /NDF: 7.4/13

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.927+/-0.012 χ^2/NDF : 5808.6/5

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

Right Out: 25.703+/-0.010 χ^2/NDF : 5446.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

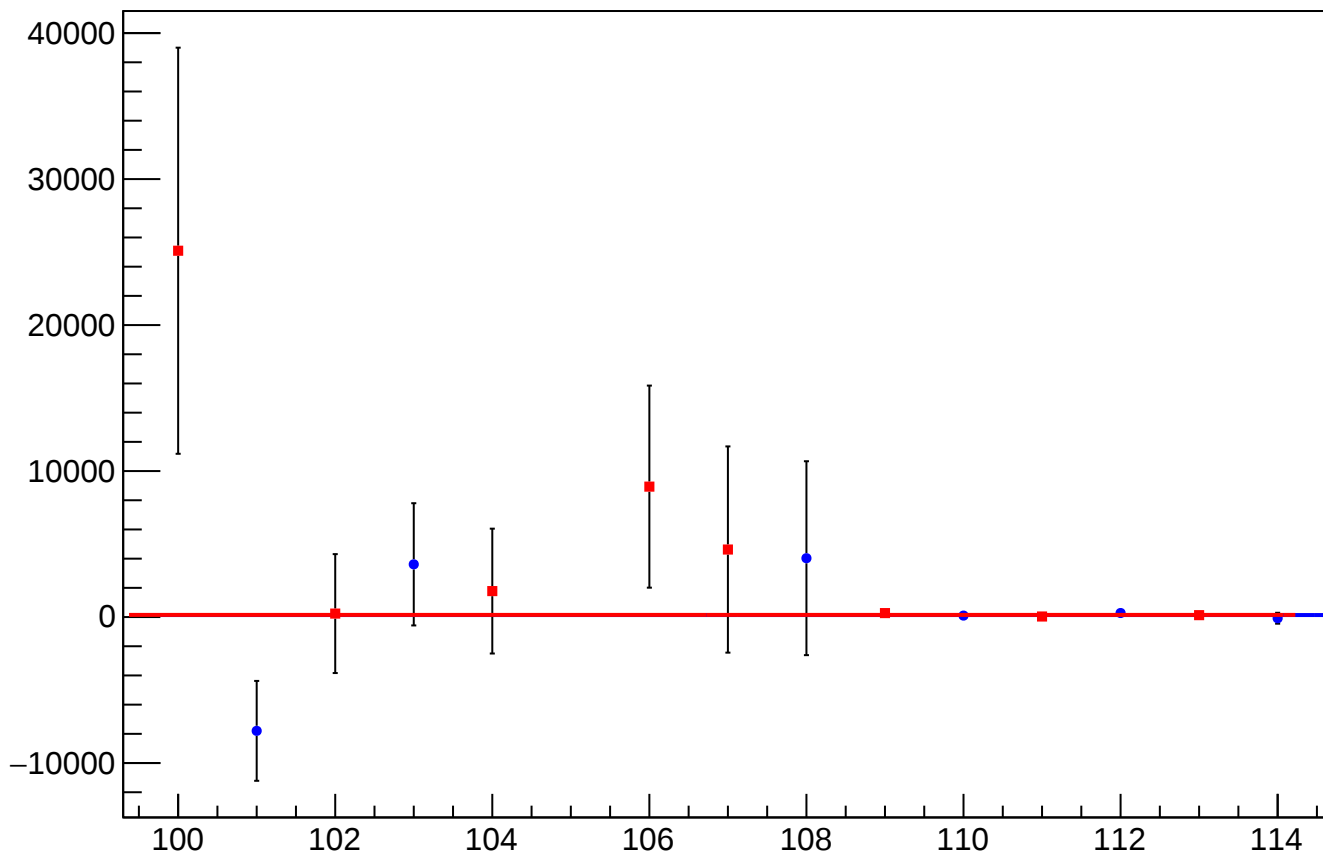
Right: 25.800+/-0.008 χ^2/NDF : 11464.3/13

In: 25.927+/-0.012 χ^2/NDF : 5808.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.800+/-0.008 χ^2/NDF : 11464.3/13

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 137.618 $\pm$ 137.463 χ^2 /NDF: 7.2/5

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

Right Out: 147.226 $\pm$ 116.281 χ^2 /NDF: 6.0/7

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

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

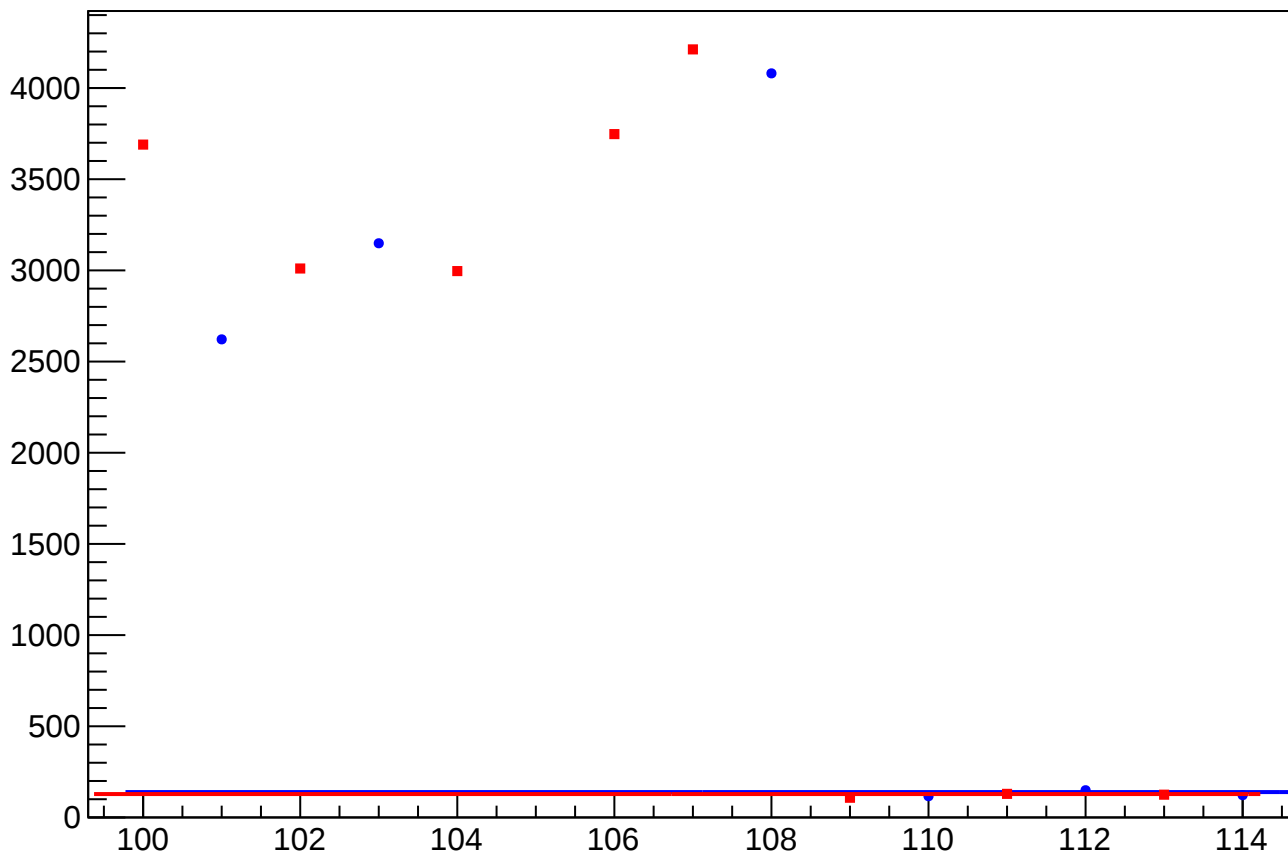
Right: 143.219 $\pm$ 88.778 χ^2 /NDF: 13.2/13

In: 137.618 $\pm$ 137.463 χ^2 /NDF:7.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 143.219 $\pm$ 88.778 χ^2 /NDF: 13.2/13

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 139.178+/-0.097 χ^2/NDF : 2825417.2/5

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

Right Out: 128.311+/-0.082 χ^2/NDF : 3266014.3/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

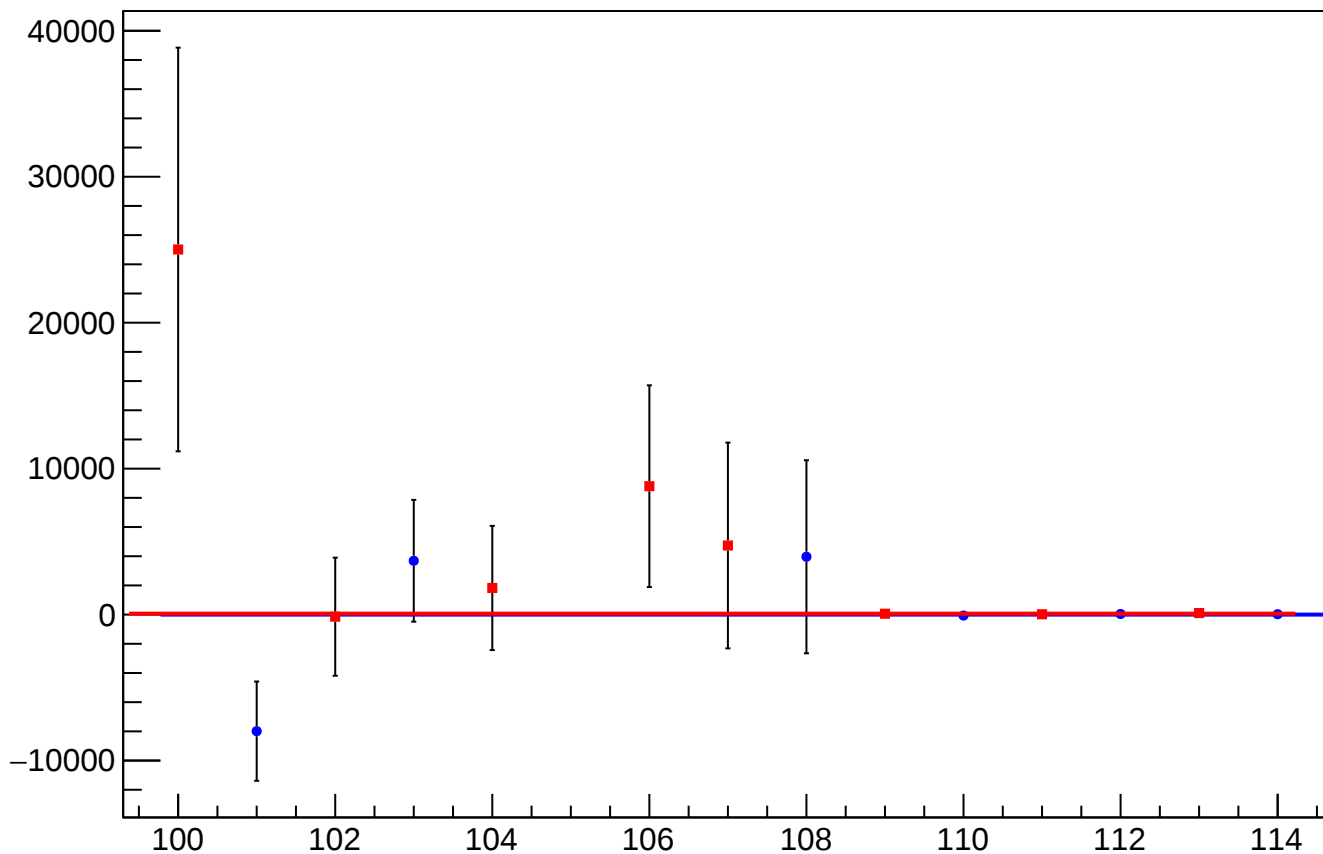
Right: 132.844+/-0.063 χ^2/NDF : 6098716.7/13

In: 139.178+/-0.097 χ^2/NDF :2825417.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 132.844+/-0.063 χ^2/NDF : 6098716.7/13

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.795 $\pm$ 27.372 χ^2 /NDF: 10.0/5

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

Right Out: 65.569 $\pm$ 24.899 χ^2 /NDF: 7.6/7

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

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

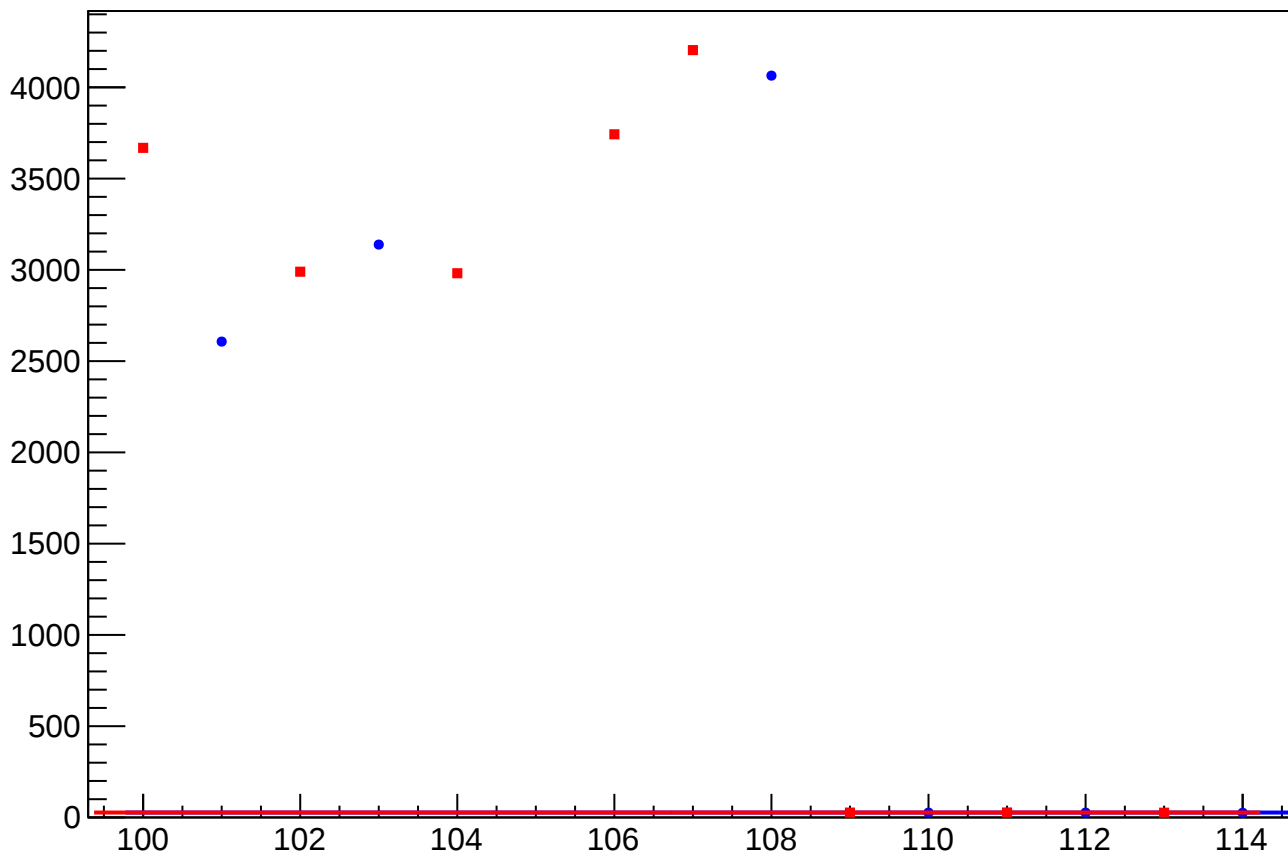
Right: 36.239 $\pm$ 18.418 χ^2 /NDF: 20.6/13

In: 0.795 $\pm$ 27.372 χ^2 /NDF: 10.0/5

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

All: 36.239 $\pm$ 18.418 χ^2 /NDF: 20.6/13

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 26.904 $\pm$ 0.019 χ^2 /NDF: 3008925.5/5

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

Right Out: 26.944 $\pm$ 0.018 χ^2 /NDF: 3457239.6/7

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

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

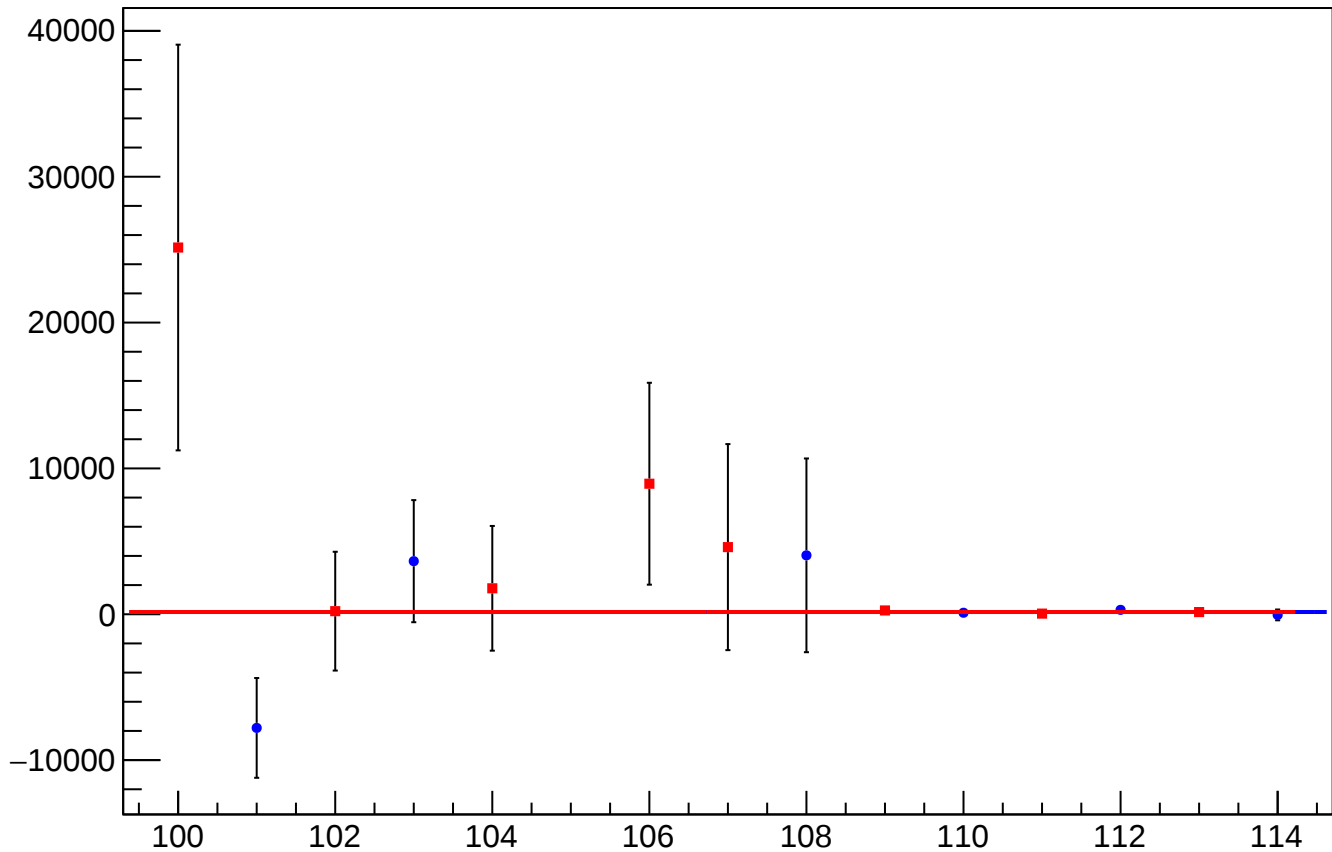
Right: 26.926 $\pm$ 0.013 χ^2 /NDF: 6466167.3/13

In: 26.904 $\pm$ 0.019 χ^2 /NDF:3008925.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 26.926 $\pm$ 0.013 χ^2 /NDF: 6466167.3/13

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 154.272+/-136.711 χ^2/NDF : 7.2/5

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

Right Out: 154.010+/-115.650 χ^2/NDF : 5.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

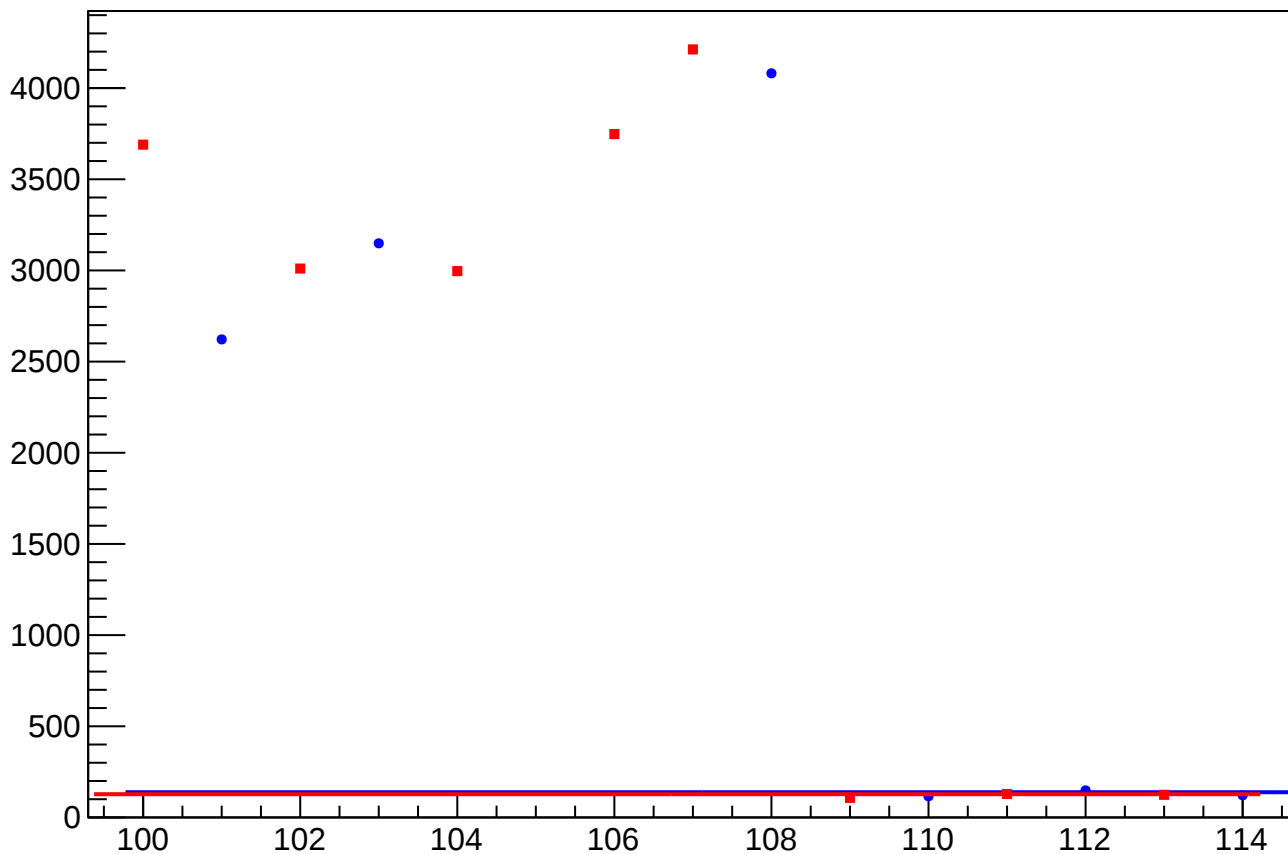
Right: 154.119+/-88.295 χ^2/NDF : 13.2/13

In: 154.272+/-136.711 χ^2/NDF : 7.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.119+/-88.295 χ^2/NDF : 13.2/13

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 138.368+/-0.097 χ^2/NDF : 2826882.2/5

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

Right Out: 127.568+/-0.082 χ^2/NDF : 3267504.5/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

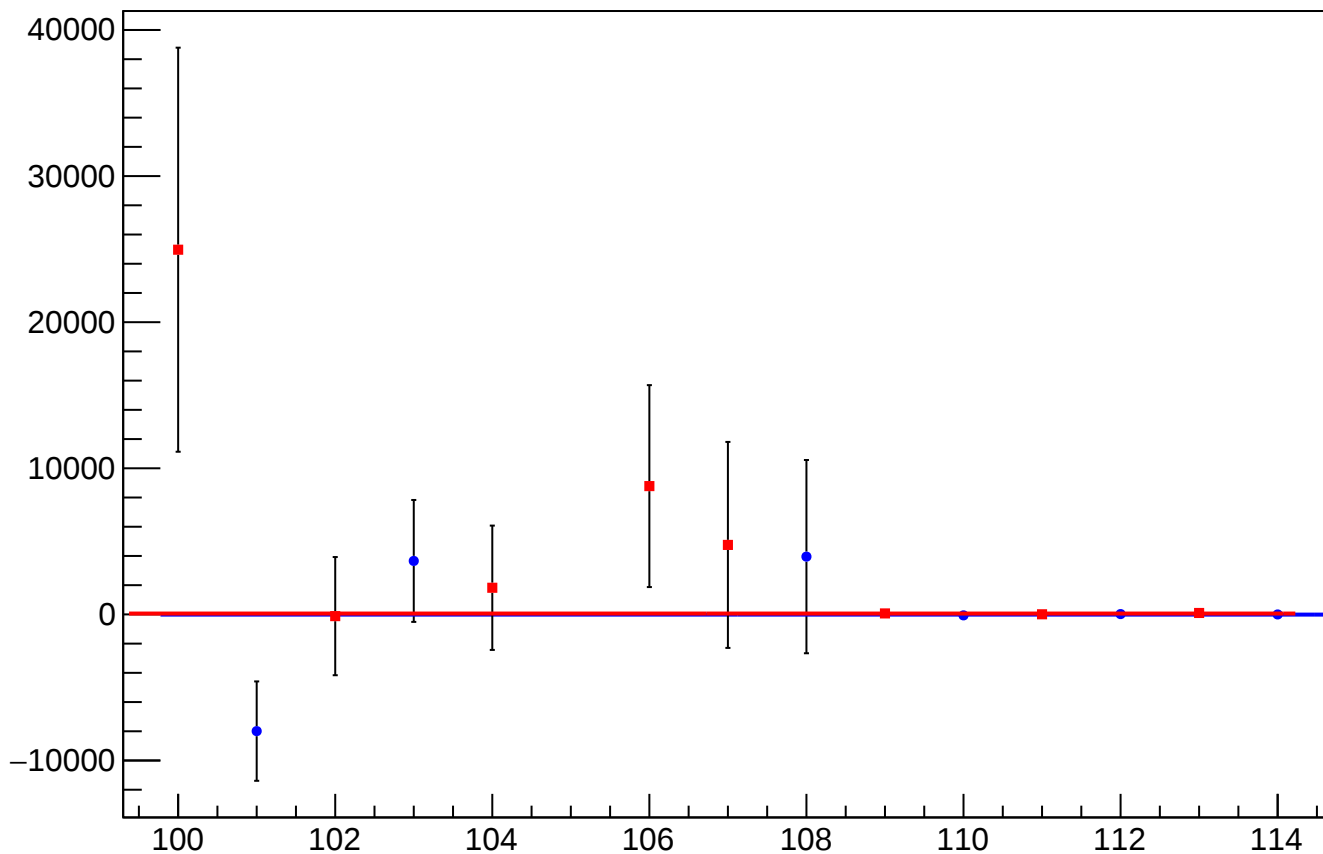
Right: 132.073+/-0.062 χ^2/NDF : 6101661.9/13

In: 138.368+/-0.097 χ^2/NDF :2826882.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 132.073+/-0.062 χ^2/NDF : 6101661.9/13

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -14.125 $\pm$ 27.412 χ^2 /NDF: 8.9/5

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

Right Out: 58.146 $\pm$ 24.965 χ^2 /NDF: 8.0/7

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

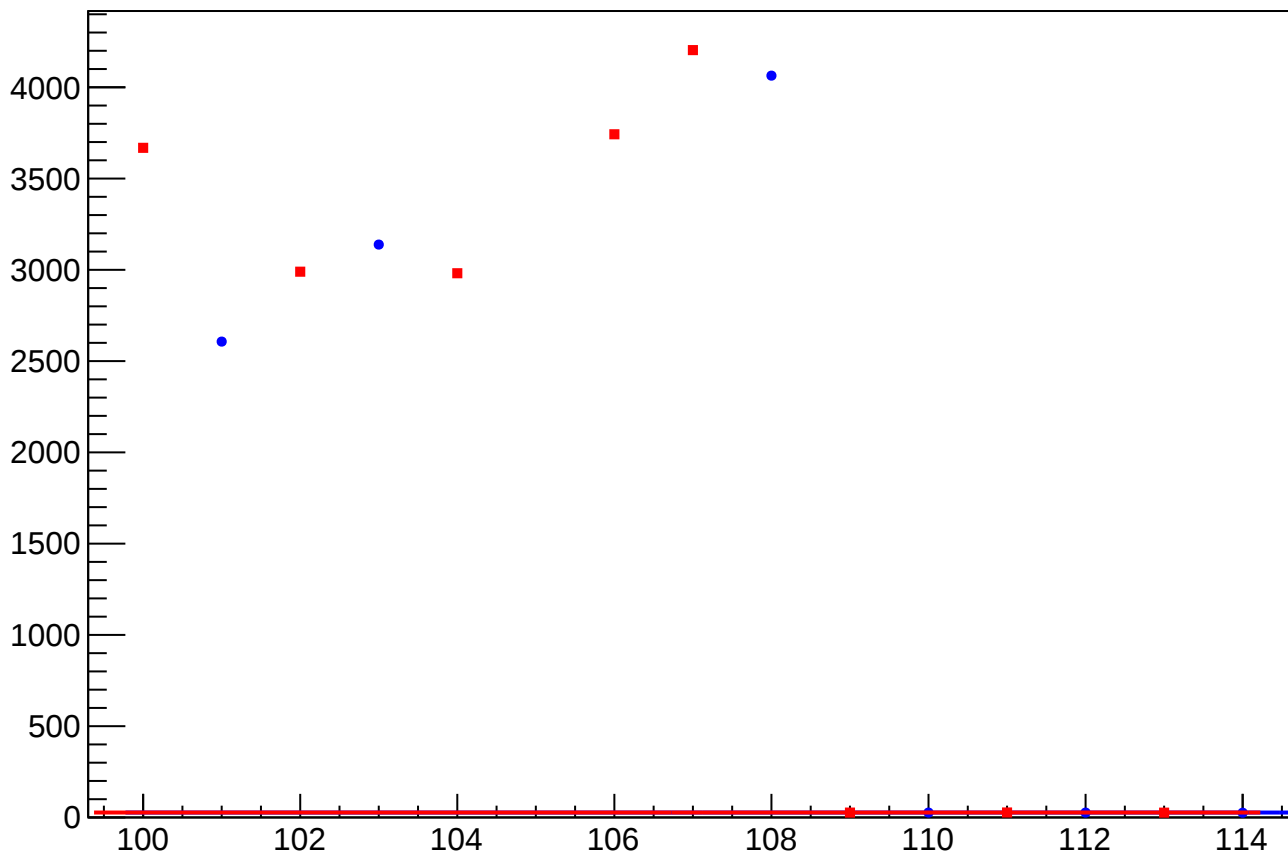
Right: 25.379 $\pm$ 18.457 χ^2 /NDF: 20.6/13

In: -14.125 $\pm$ 27.412 χ^2 /NDF:8.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 25.379 $\pm$ 18.457 χ^2 /NDF: 20.6/13

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 26.944+/-0.019 χ^2/NDF : 3008797.8/5

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

Right Out: 27.017+/-0.018 χ^2/NDF : 3456901.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

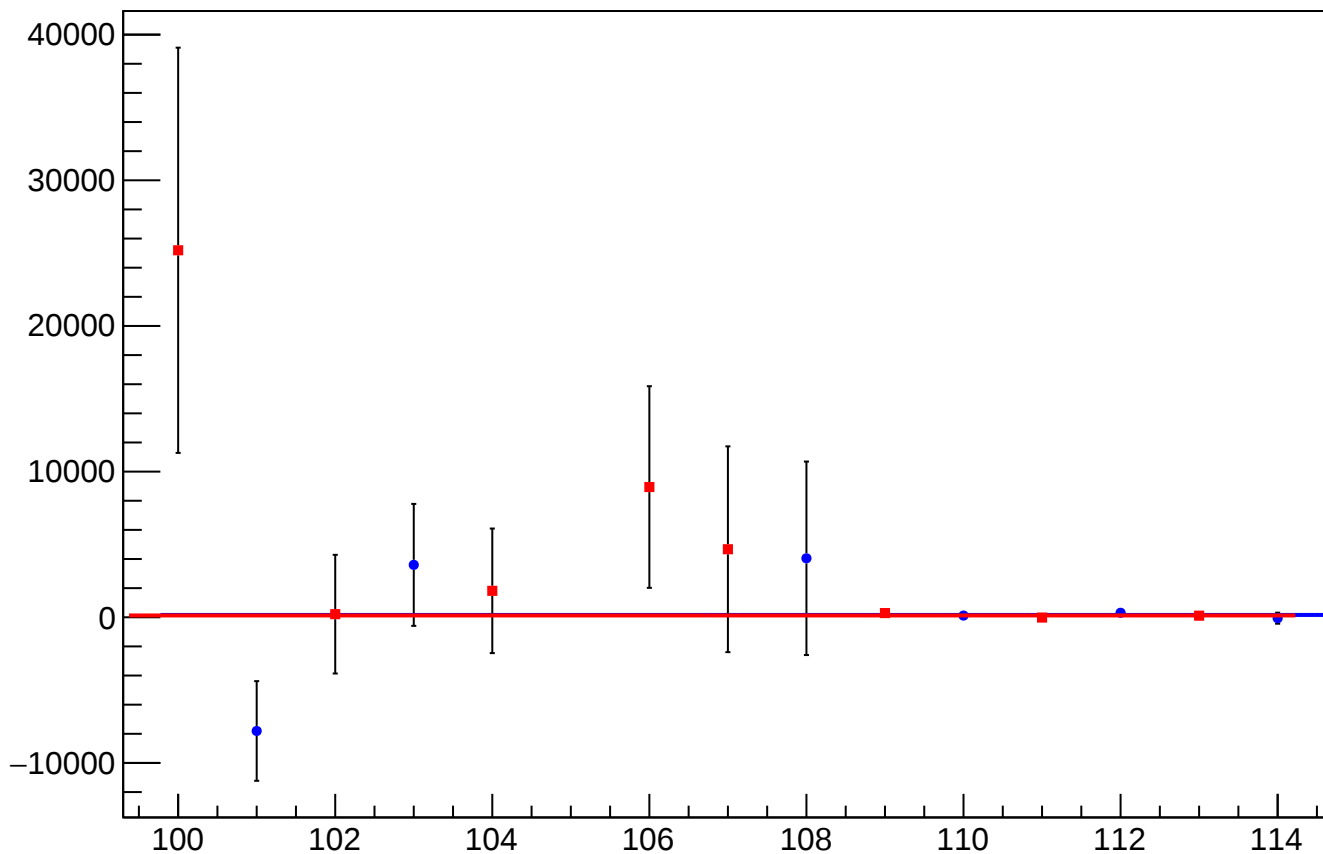
Right: 26.984+/-0.013 χ^2/NDF : 6465707.0/13

In: 26.944+/-0.019 χ^2/NDF : 3008797.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.984+/-0.013 χ^2/NDF : 6465707.0/13

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 160.771 $\pm$ 139.585 χ^2 /NDF: 7.3/5

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

Right Out: 125.208 $\pm$ 118.238 χ^2 /NDF: 6.5/7

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

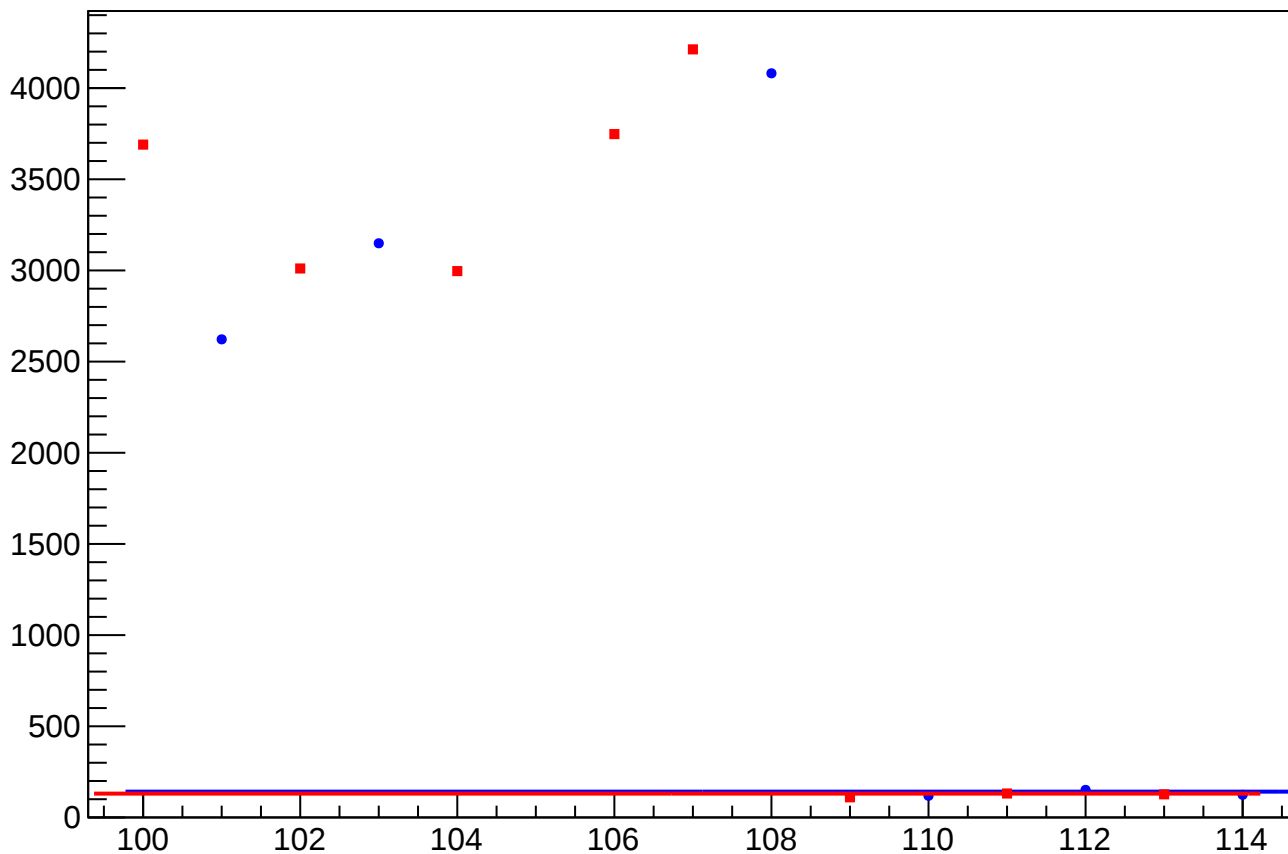
Right: 140.065 $\pm$ 90.221 χ^2 /NDF: 13.8/13

In: 160.771 $\pm$ 139.585 χ^2 /NDF:7.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 140.065 $\pm$ 90.221 χ^2 /NDF: 13.8/13

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 141.567 $\pm$ 0.099 χ^2 /NDF: 2819857.9/5

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

Right Out: 130.715 $\pm$ 0.084 χ^2 /NDF: 3260351.1/7

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

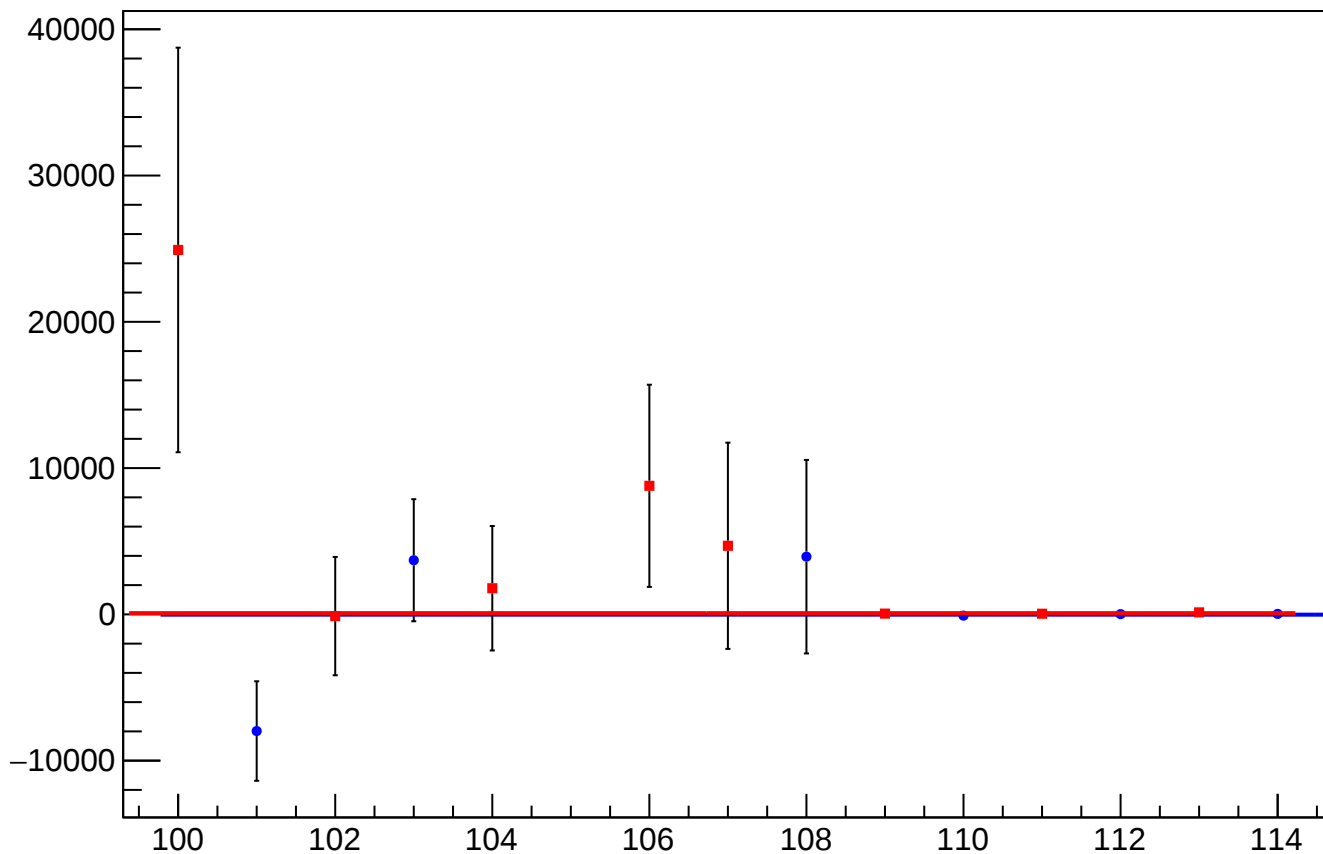
Right: 135.249 $\pm$ 0.064 χ^2 /NDF: 6087247.5/13

In: 141.567 $\pm$ 0.099 χ^2 /NDF:2819857.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 135.249 $\pm$ 0.064 χ^2 /NDF: 6087247.5/13

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -19.379 $\pm$ 34.182 χ^2 /NDF: 8.9/5

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

Right Out: 84.857 $\pm$ 30.942 χ^2 /NDF: 7.4/7

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

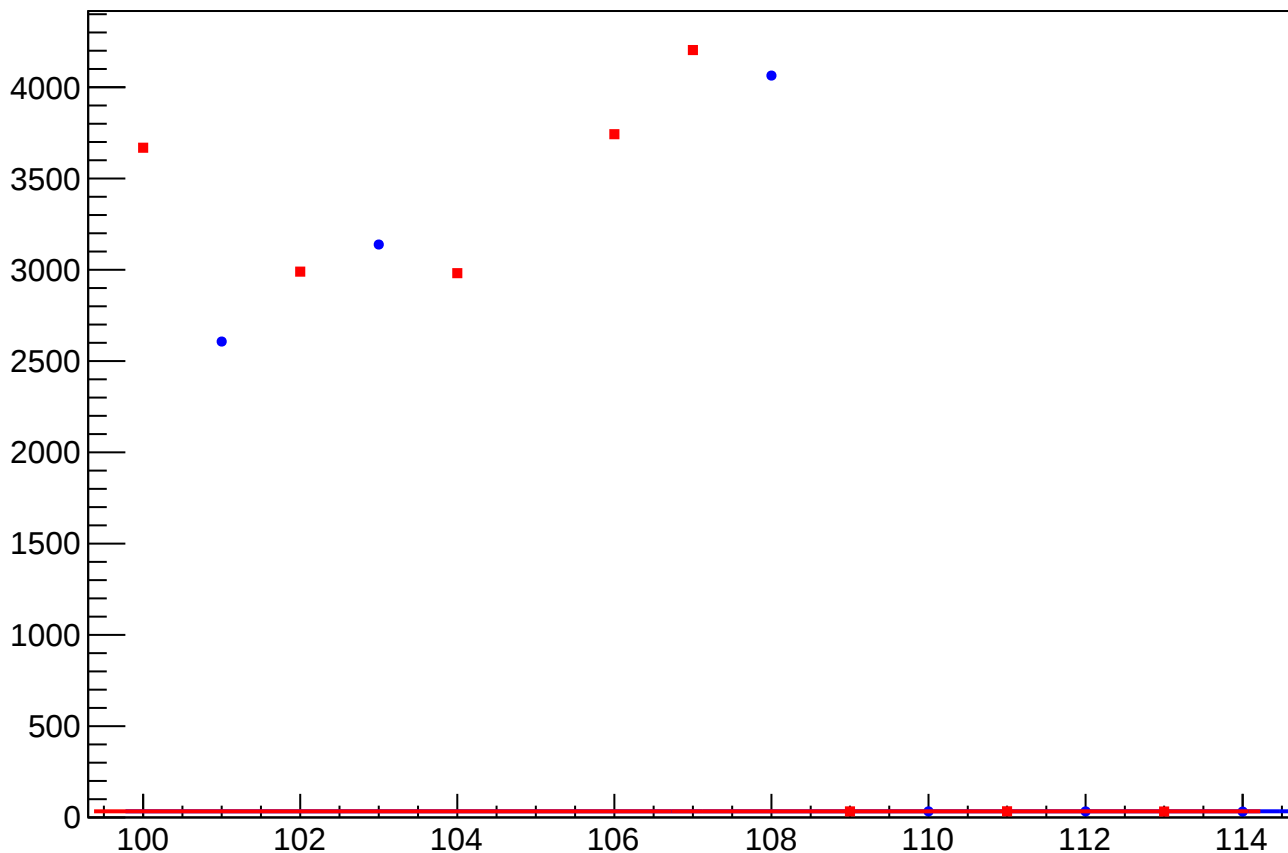
Right: 37.912 $\pm$ 22.940 χ^2 /NDF: 21.3/13

In: -19.379 $\pm$ 34.182 χ^2 /NDF:8.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 37.912 $\pm$ 22.940 χ^2 /NDF: 21.3/13

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 33.730+/-0.024 χ^2/NDF : 2995595.5/5

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

Right Out: 33.600+/-0.022 χ^2/NDF : 3443321.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

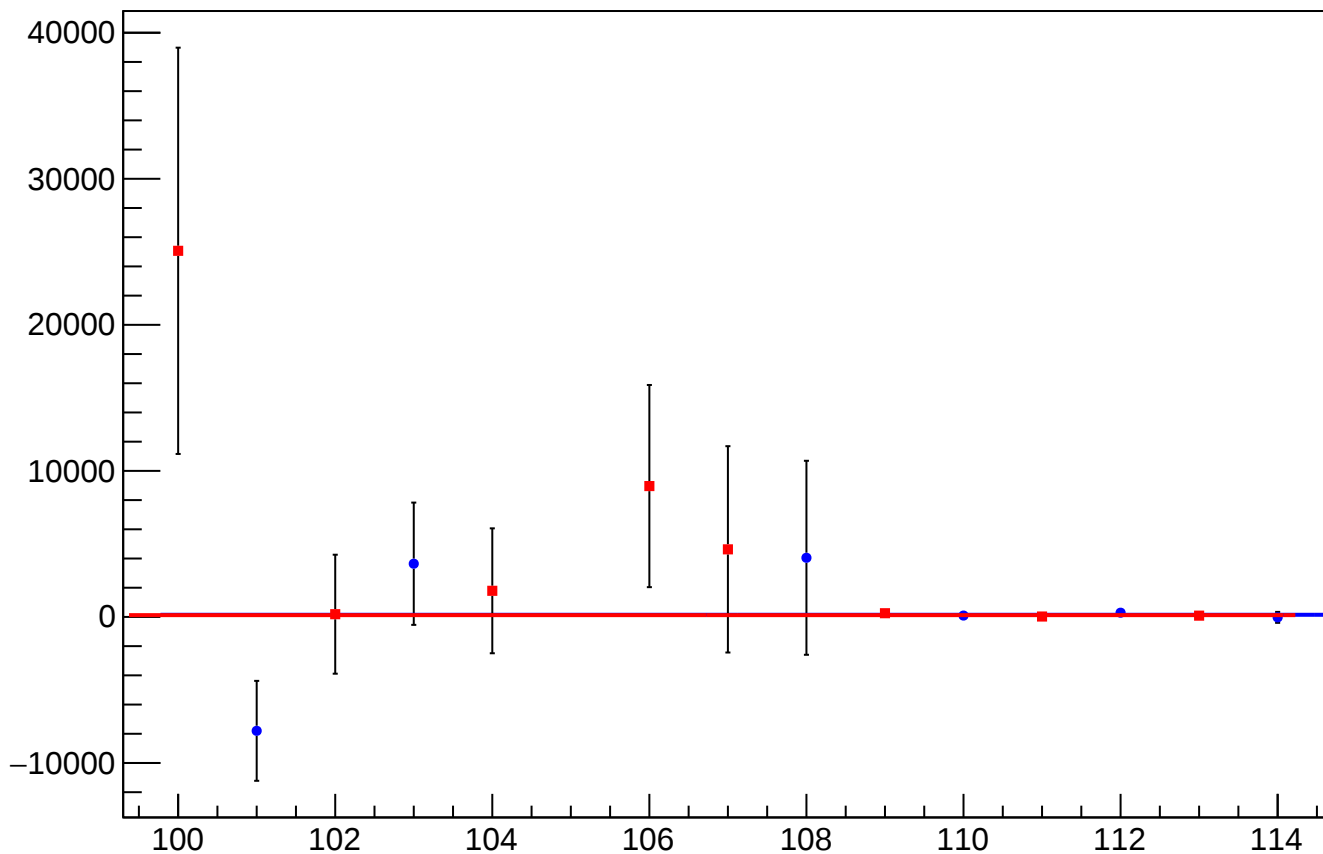
Right: 33.658+/-0.016 χ^2/NDF : 6438932.6/13

In: 33.730+/-0.024 χ^2/NDF : 2995595.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.658+/-0.016 χ^2/NDF : 6438932.6/13

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 147.366 $\pm$ 137.694 χ^2 /NDF: 7.2/5

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

Right Out: 123.173 $\pm$ 116.563 χ^2 /NDF: 6.0/7

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

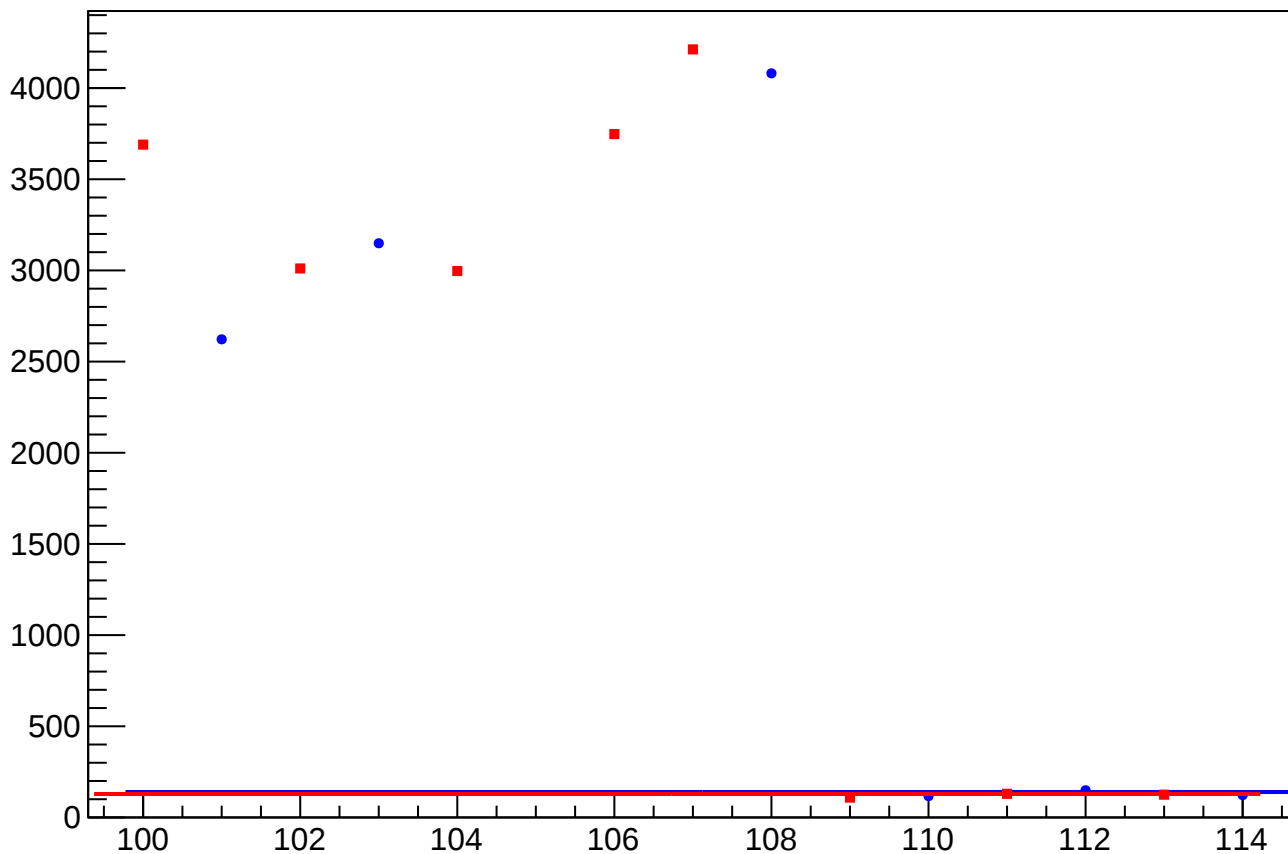
Right: 133.273 $\pm$ 88.966 χ^2 /NDF: 13.2/13

In: 147.366 $\pm$ 137.694 χ^2 /NDF:7.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 133.273 $\pm$ 88.966 χ^2 /NDF: 13.2/13

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 139.503 $\pm$ 0.097 χ^2 /NDF: 2823674.2/5

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

Right Out: 128.724 $\pm$ 0.082 χ^2 /NDF: 3264574.9/7

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

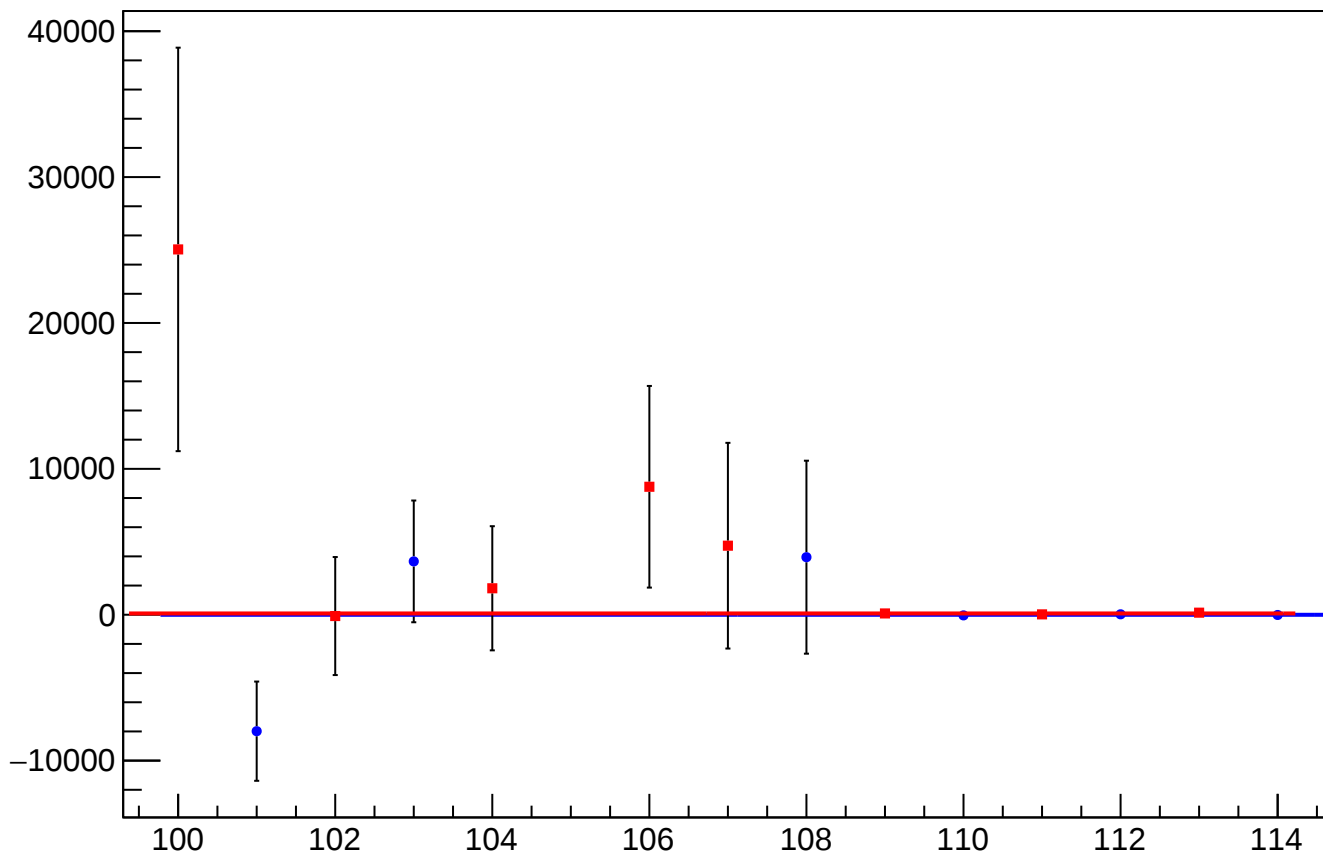
Right: 133.224 $\pm$ 0.063 χ^2 /NDF: 6095388.5/13

In: 139.503 $\pm$ 0.097 χ^2 /NDF:2823674.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 133.224 $\pm$ 0.063 χ^2 /NDF: 6095388.5/13

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.044+/-32.092 χ^2/NDF : 7.8/5

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

Right Out: 87.711+/-28.997 χ^2/NDF : 8.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

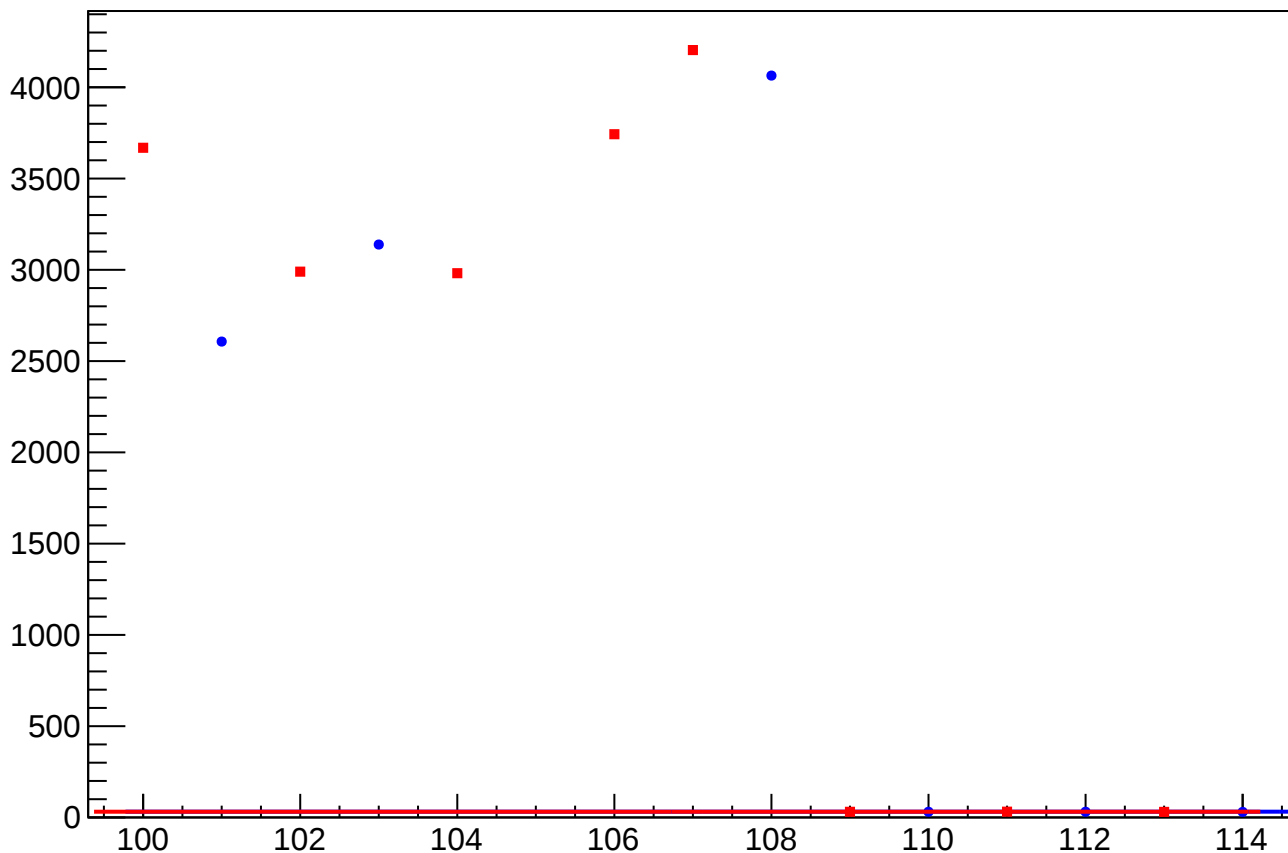
Right: 46.470+/-21.515 χ^2/NDF : 20.8/13

In: -4.044+/-32.092 χ^2/NDF : 7.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.470+/-21.515 χ^2/NDF : 20.8/13

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 31.635+/-0.023 χ^2/NDF : 2999631.1/5

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

Right Out: 31.457+/-0.021 χ^2/NDF : 3447819.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

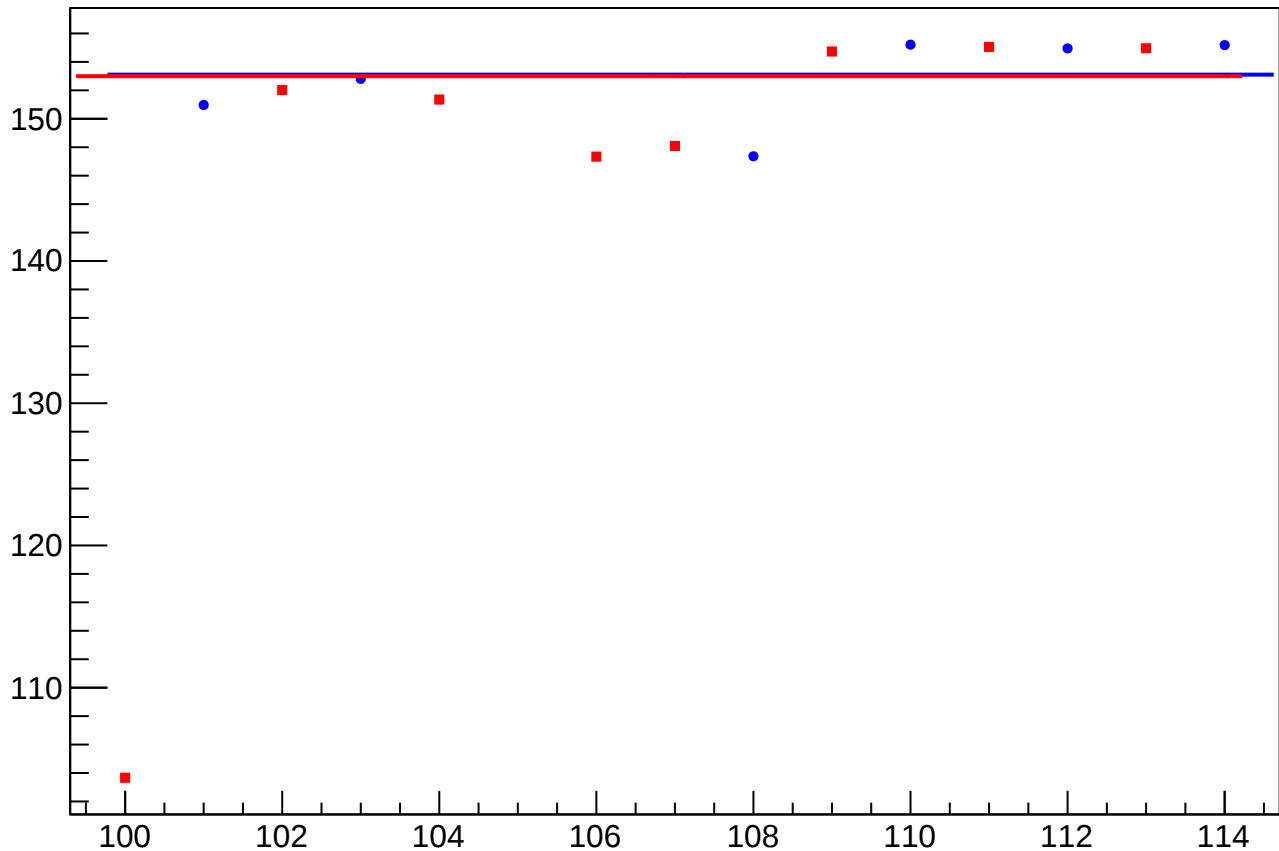
Right: 31.537+/-0.015 χ^2/NDF : 6447484.5/13

In: 31.635+/-0.023 χ^2/NDF : 2999631.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.537+/-0.015 χ^2/NDF : 6447484.5/13

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 153.104+/-0.000 χ^2/NDF : 132536562.8/5

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

Right Out: 152.994+/-0.000 χ^2/NDF : 360638147.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

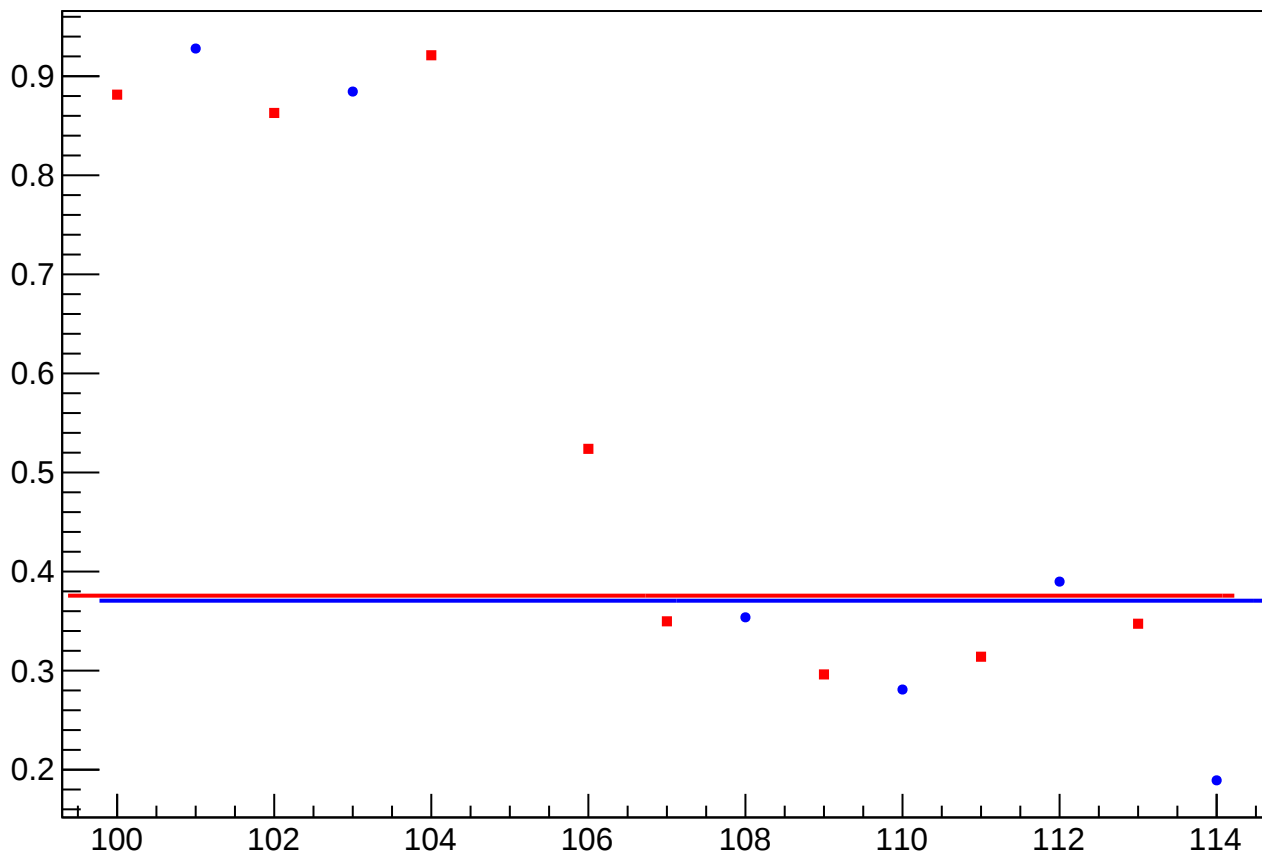
Right: 153.041+/-0.000 χ^2/NDF : 493264954.3/13

In: 153.104+/-0.000 χ^2/NDF : 132536562.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.041+/-0.000 χ^2/NDF : 493264954.3/13

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.371+/-0.000 χ^2/NDF : 1006654.7/5

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

Right Out: 0.376+/-0.000 χ^2/NDF : 864474.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

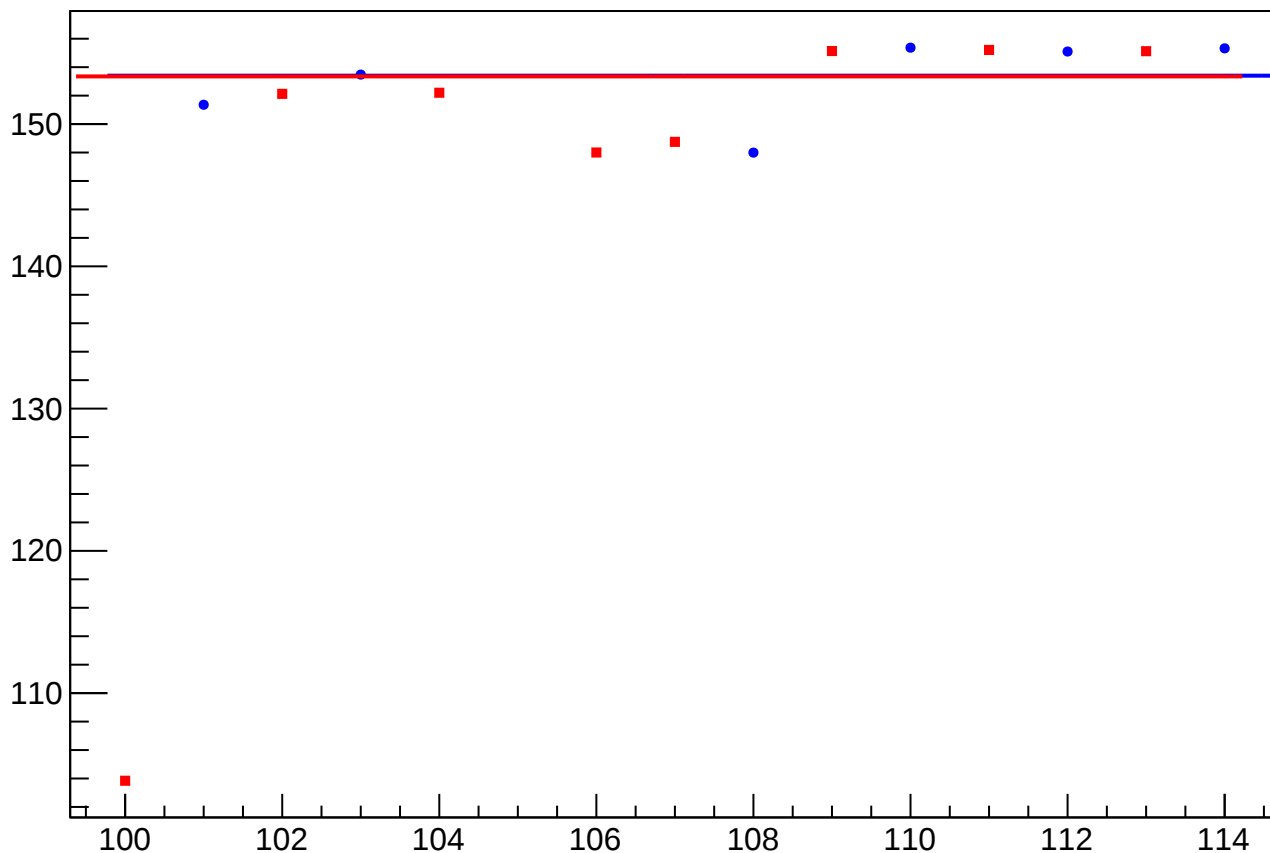
Right: 0.374+/-0.000 χ^2/NDF : 1871519.3/13

In: 0.371+/-0.000 χ^2/NDF : 1006654.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.374+/-0.000 χ^2/NDF : 1871519.3/13

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 153.402 $\pm$ 0.000 χ^2 /NDF: 114273920.6/5

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

Right Out: 153.351 $\pm$ 0.000 χ^2 /NDF: 339327289.4/7

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

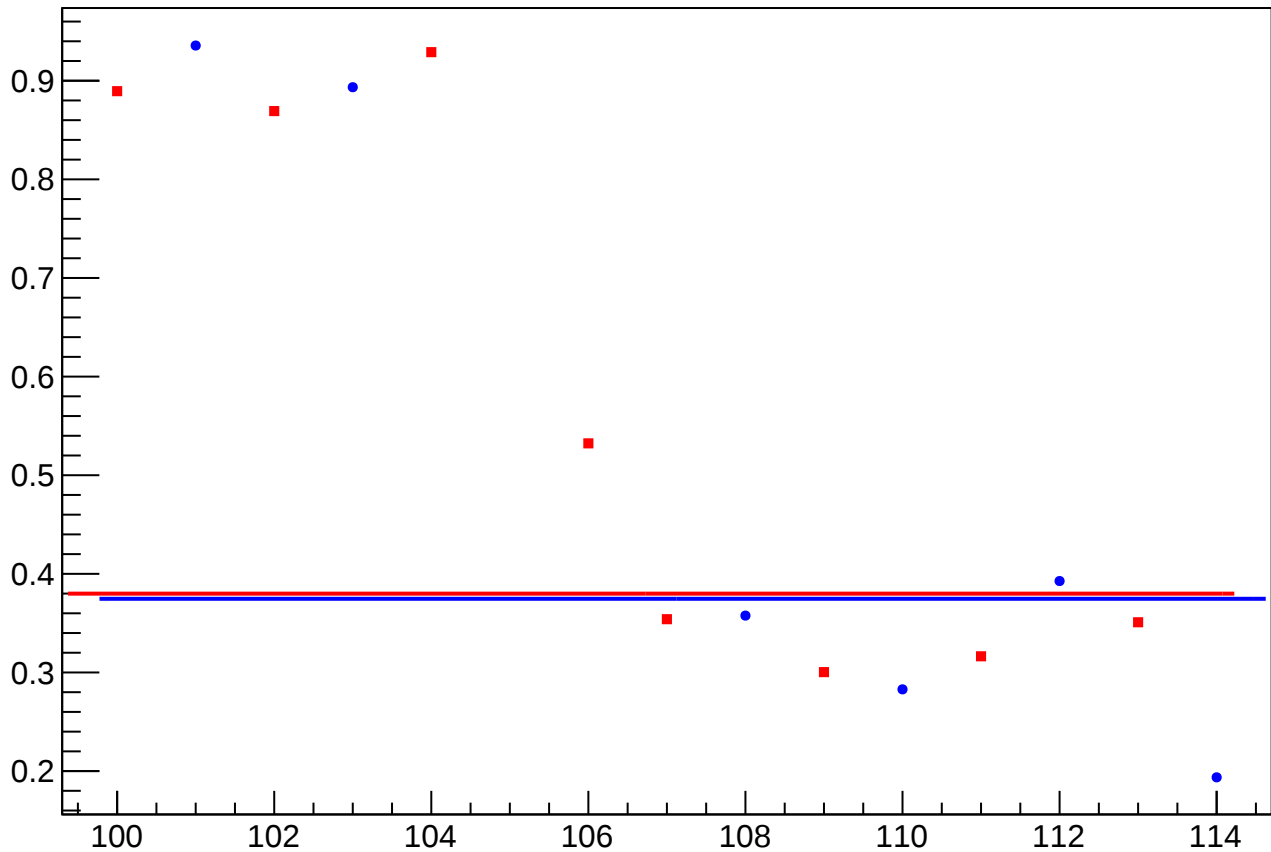
Right: 153.373 $\pm$ 0.000 χ^2 /NDF: 453620970.4/13

In: 153.402 $\pm$ 0.000 χ^2 /NDF:114273920.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 153.373 $\pm$ 0.000 χ^2 /NDF: 453620970.4/13

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.375+/-0.000 χ^2/NDF : 1000417.8/5

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

Right Out: 0.380+/-0.000 χ^2/NDF : 861979.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

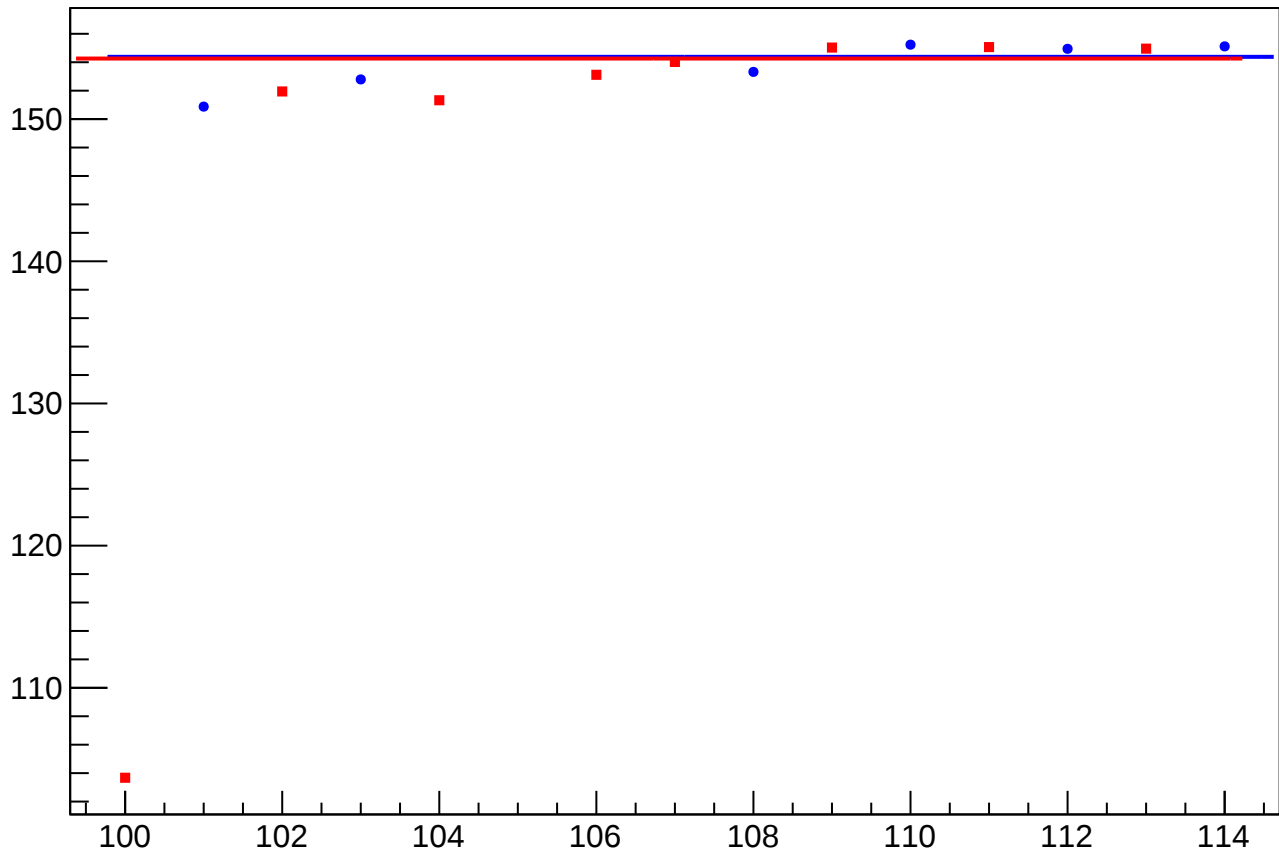
Right: 0.378+/-0.000 χ^2/NDF : 1862800.3/13

In: 0.375+/-0.000 χ^2/NDF : 1000417.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.378+/-0.000 χ^2/NDF : 1862800.3/13

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 154.379+/-0.000 χ^2/NDF : 17655503.4/5

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

Right Out: 154.260+/-0.000 χ^2/NDF : 246939953.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

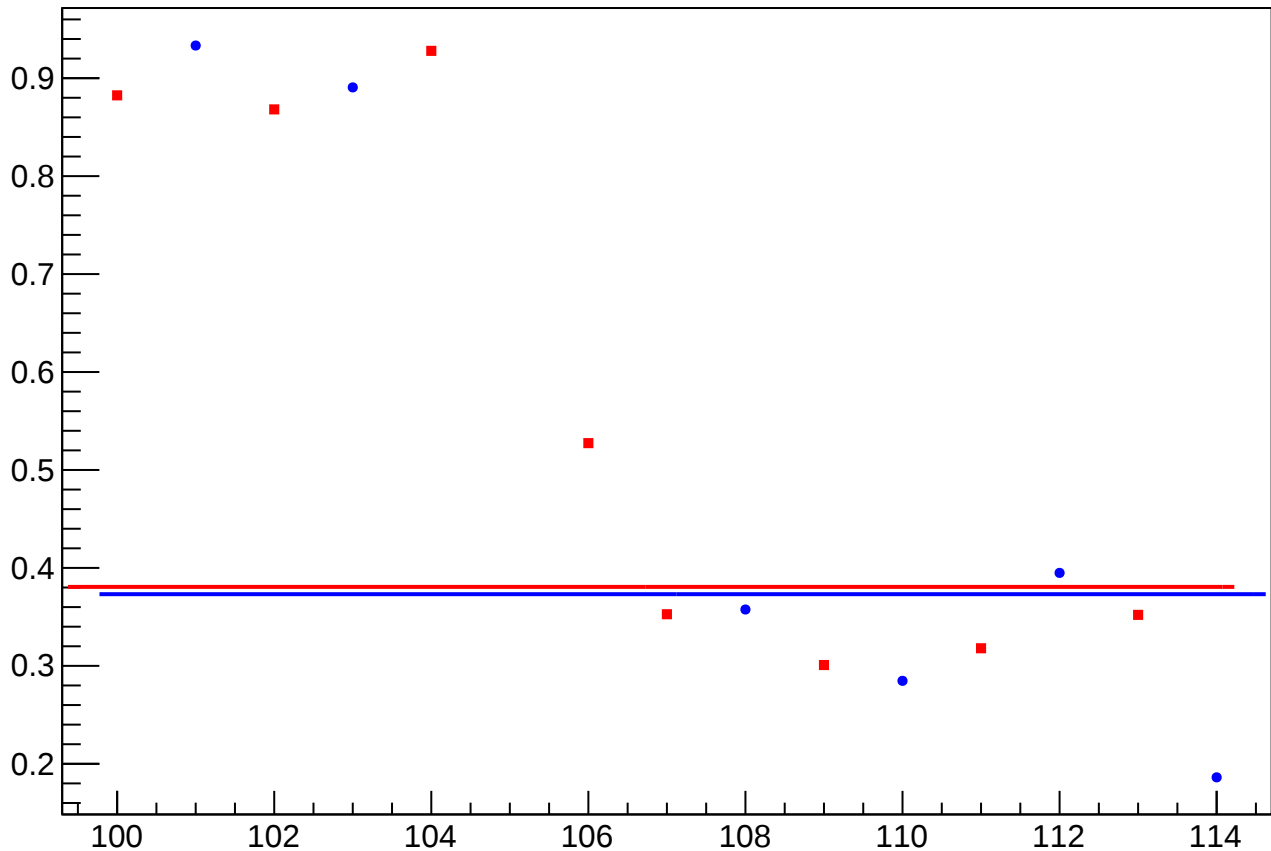
Right: 154.311+/-0.000 χ^2/NDF : 264701325.9/13

In: 154.379+/-0.000 χ^2/NDF : 17655503.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.311+/-0.000 χ^2/NDF : 264701325.9/13

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.373+/-0.000 χ^2/NDF : 1014709.4/5

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

Right Out: 0.381+/-0.000 χ^2/NDF : 855086.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

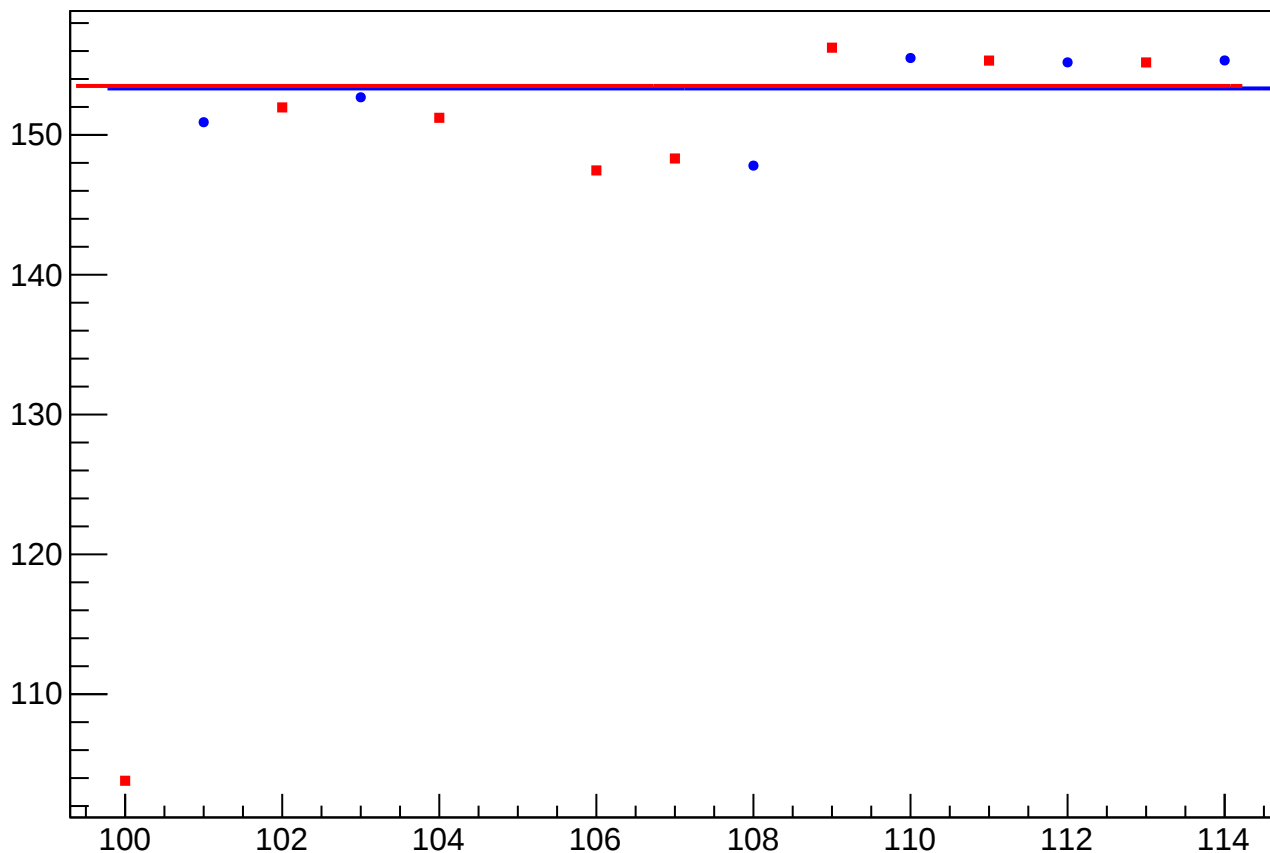
Right: 0.377+/-0.000 χ^2/NDF : 1870611.2/13

In: 0.373+/-0.000 χ^2/NDF : 1014709.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.377+/-0.000 χ^2/NDF : 1870611.2/13

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 153.324+/-0.000 χ^2/NDF : 123489282.8/5

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

Right Out: 153.503+/-0.000 χ^2/NDF : 381693285.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

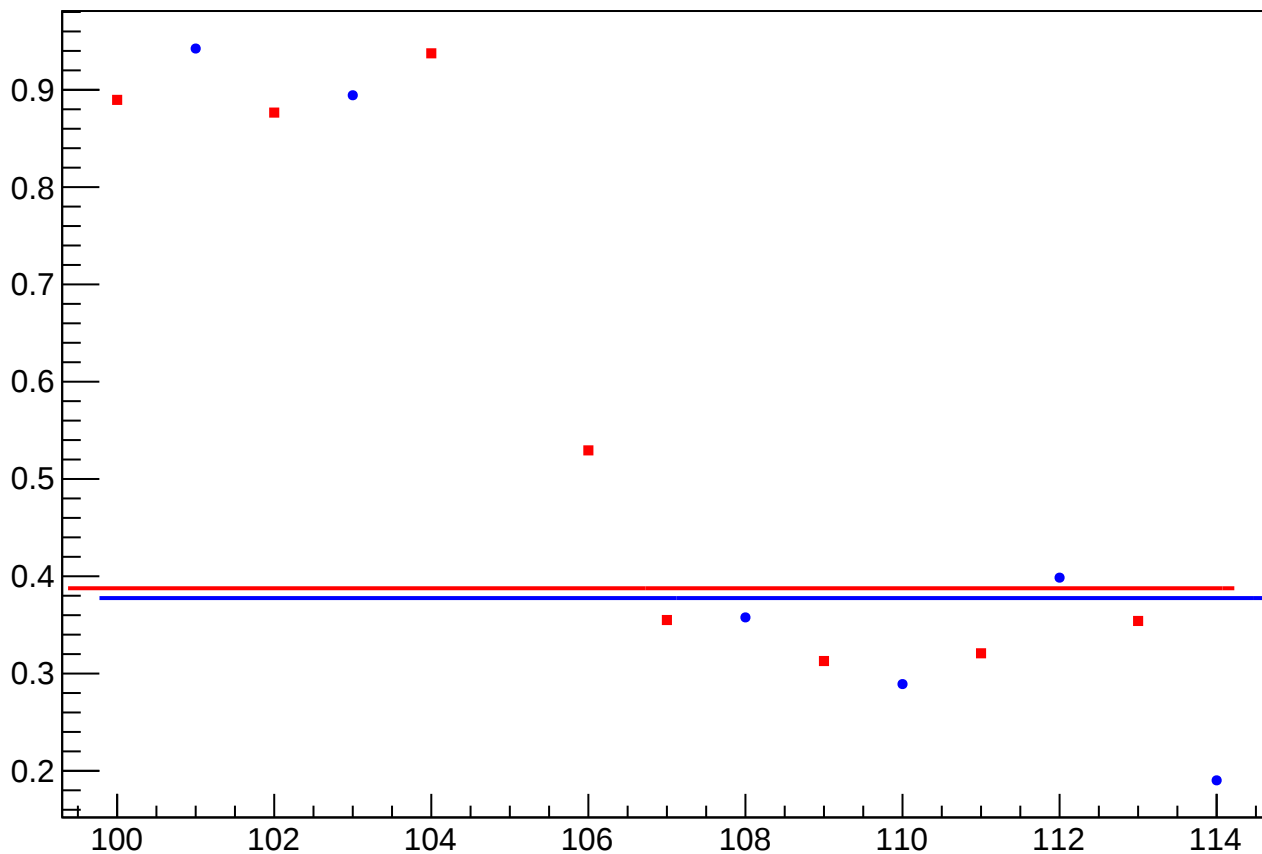
Right: 153.426+/-0.000 χ^2/NDF : 505412073.8/13

In: 153.324+/-0.000 χ^2/NDF : 123489282.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.426+/-0.000 χ^2/NDF : 505412073.8/13

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.378+/-0.000 χ^2/NDF : 1003745.5/5

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

Right Out: 0.388+/-0.000 χ^2/NDF : 838057.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

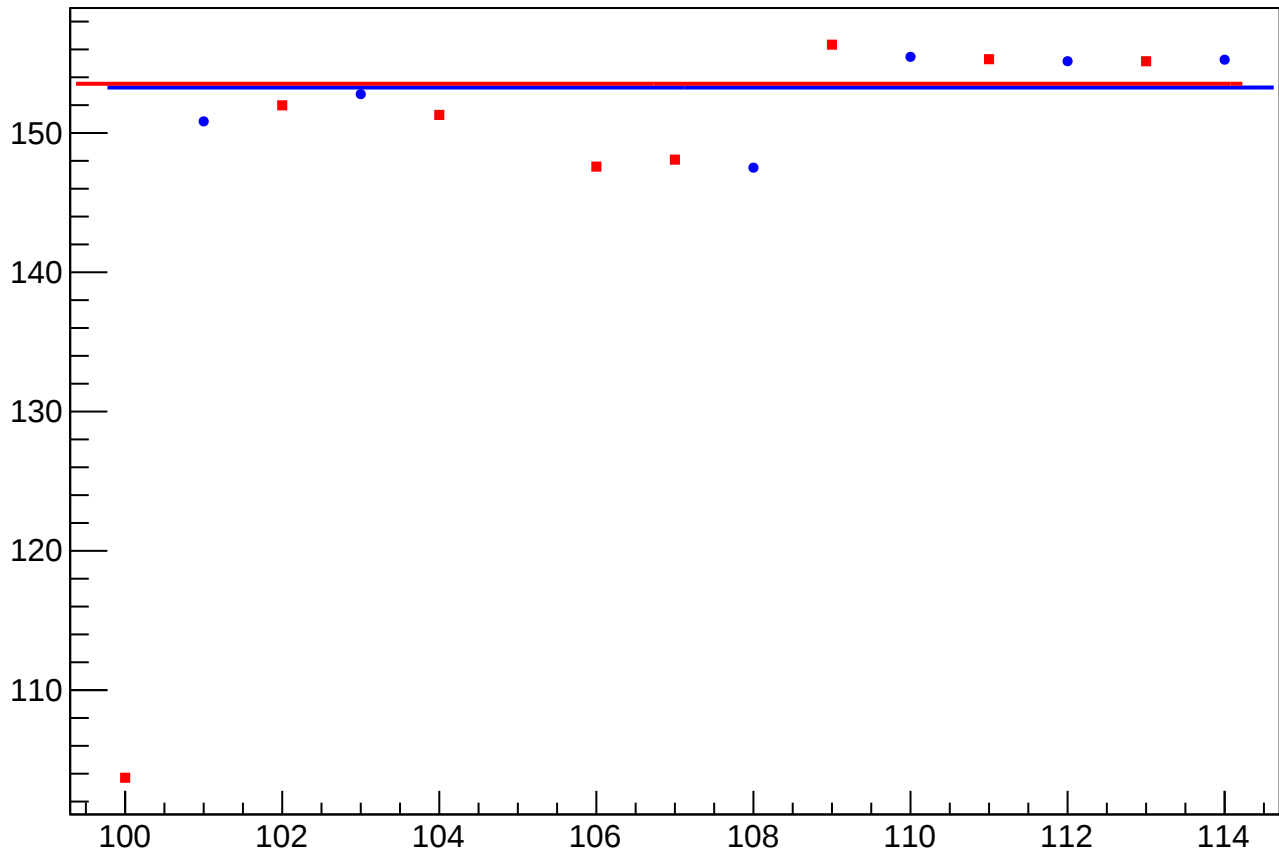
Right: 0.383+/-0.000 χ^2/NDF : 1843267.4/13

In: 0.378+/-0.000 χ^2/NDF : 1003745.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.383+/-0.000 χ^2/NDF : 1843267.4/13

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 153.265+/-0.000 χ^2/NDF : 136983082.3/5

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

Right Out: 153.535+/-0.000 χ^2/NDF : 393842391.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

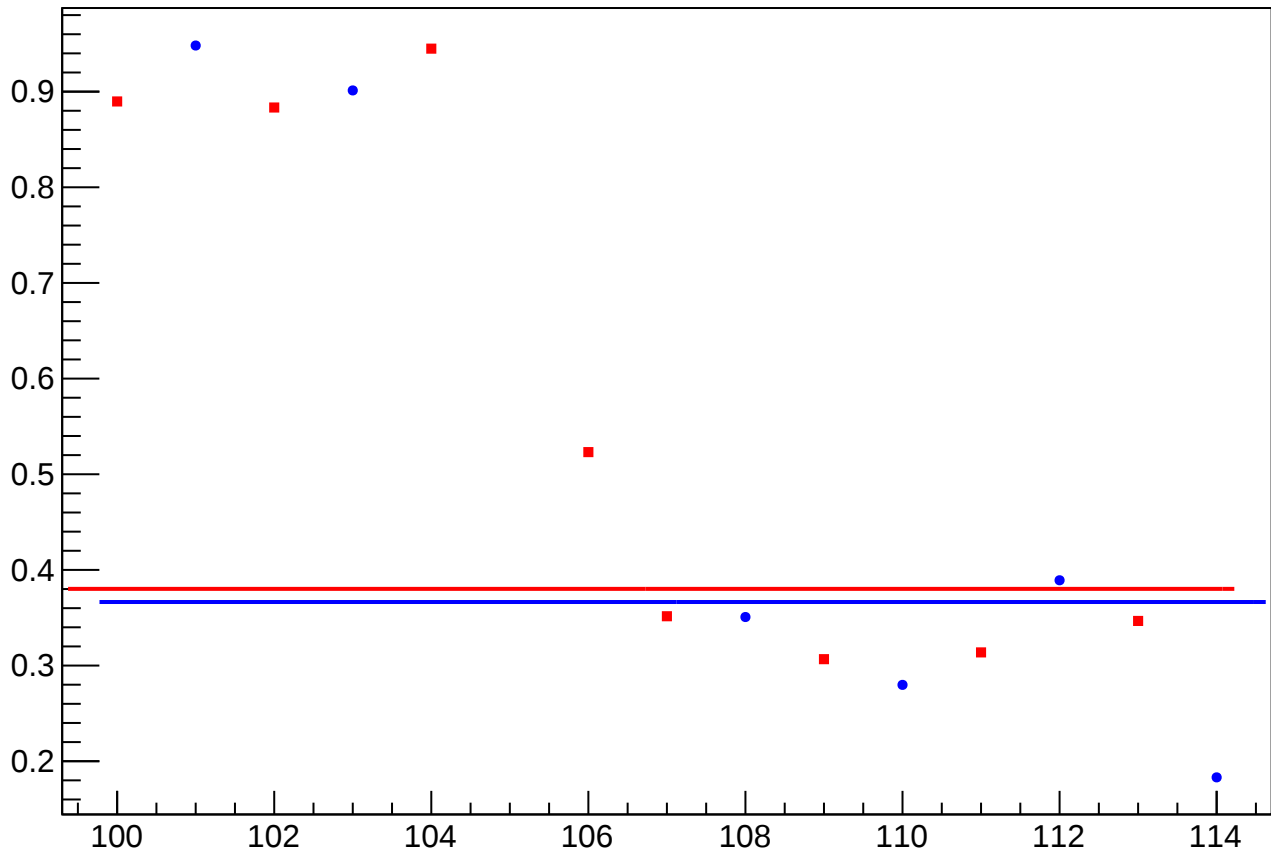
Right: 153.418+/-0.000 χ^2/NDF : 531367609.1/13

In: 153.265+/-0.000 χ^2/NDF :136983082.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 153.418+/-0.000 χ^2/NDF : 531367609.1/13

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.366+/-0.000 χ^2/NDF : 1048194.1/5

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

Right Out: 0.380+/-0.000 χ^2/NDF : 868100.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

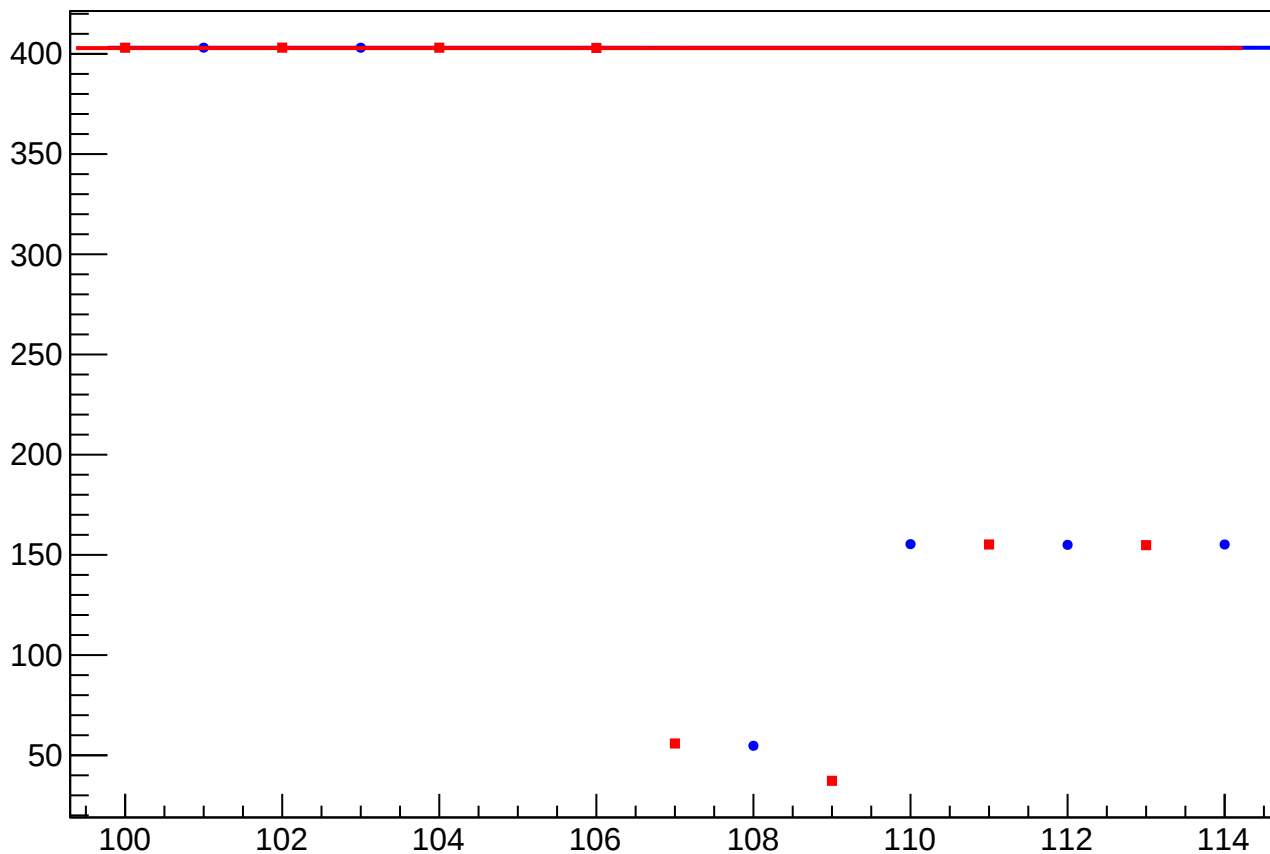
Right: 0.374+/-0.000 χ^2/NDF : 1919116.9/13

In: 0.366+/-0.000 χ^2/NDF : 1048194.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.374+/-0.000 χ^2/NDF : 1919116.9/13

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 403.058+/-0.000 χ^2/NDF : 280063902588.5/5

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

Right Out: 402.889+/-0.000 χ^2/NDF : 2263485759109.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

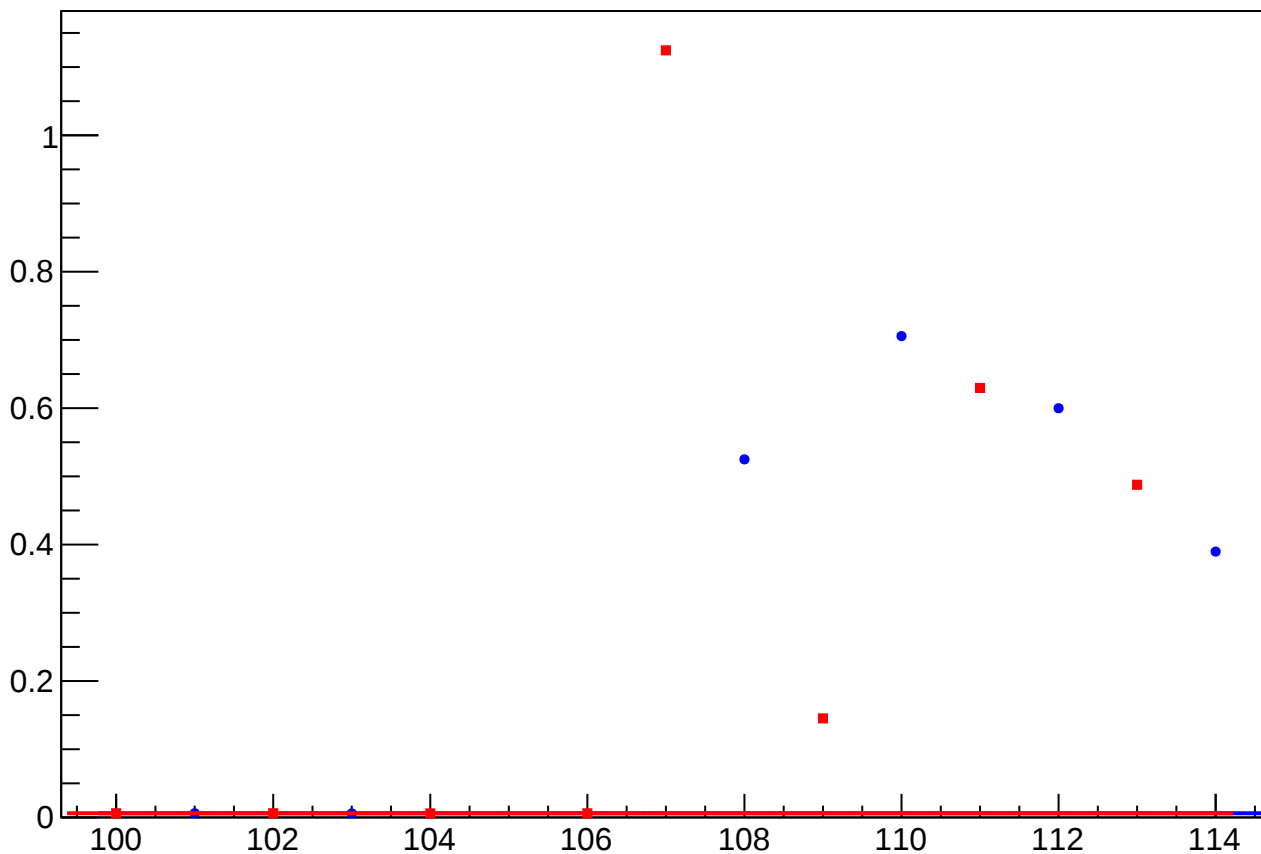
Right: 402.968+/-0.000 χ^2/NDF : 2544023736288.0/5

In: 403.058+/-0.000 χ^2/NDF : 280063902588.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 402.968+/-0.000 χ^2/NDF : 2544023736288.0/10

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 2226170.8/5

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

Right Out: 0.006+/-0.000 χ^2/NDF : 2690432.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

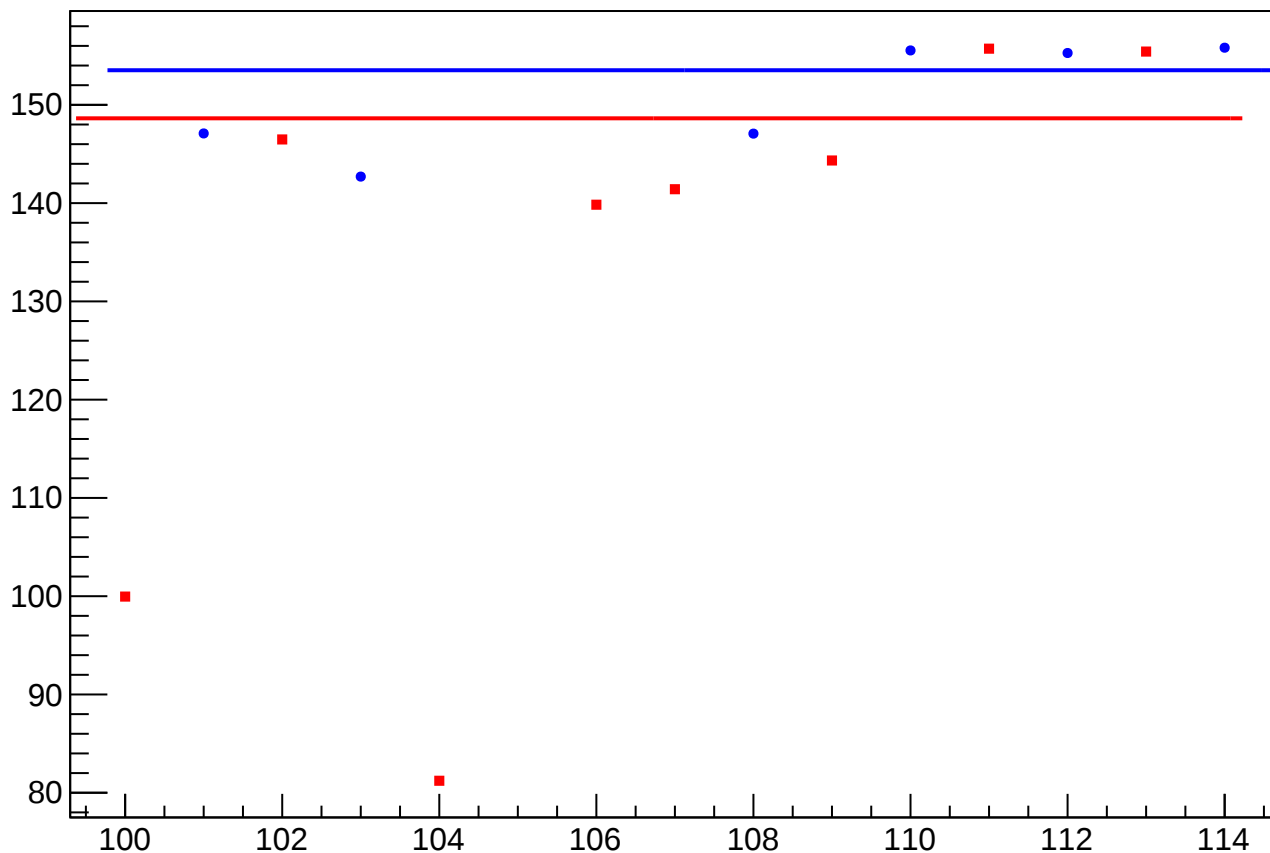
Right: 0.006+/-0.000 χ^2/NDF : 4916622.6/13

In: 0.006+/-0.000 χ^2/NDF : 2226170.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 4916622.6/13

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 153.523+/-0.001 χ^2/NDF : 9604136.6/5

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

Right Out: 148.630+/-0.001 χ^2/NDF : 266129535.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

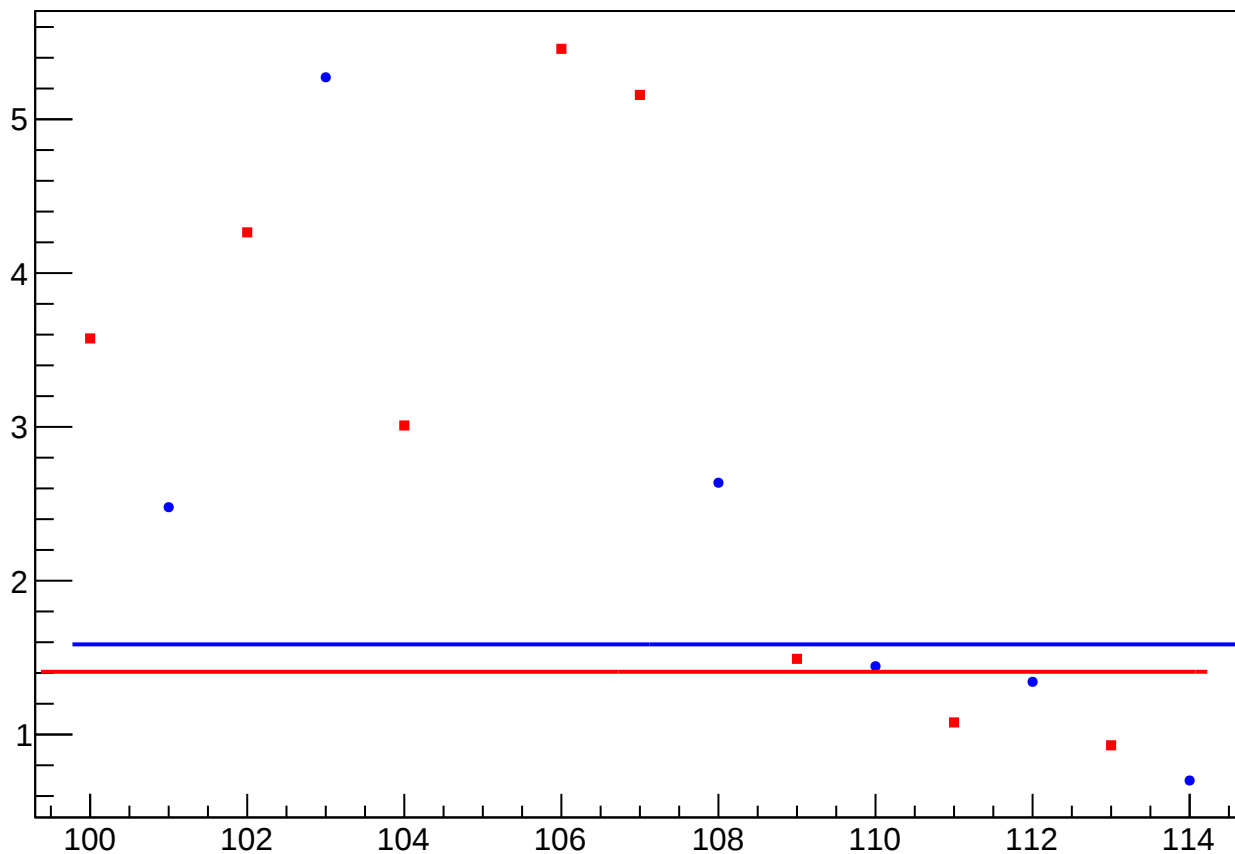
Right: 150.654+/-0.001 χ^2/NDF : 285119160.9/13

In: 153.523+/-0.001 χ^2/NDF :9604136.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 150.654+/-0.001 χ^2/NDF : 285119160.9/1

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 1.586+/-0.001 χ^2/NDF : 1005742.1/5

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

Right Out: 1.408+/-0.001 χ^2/NDF : 1629016.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

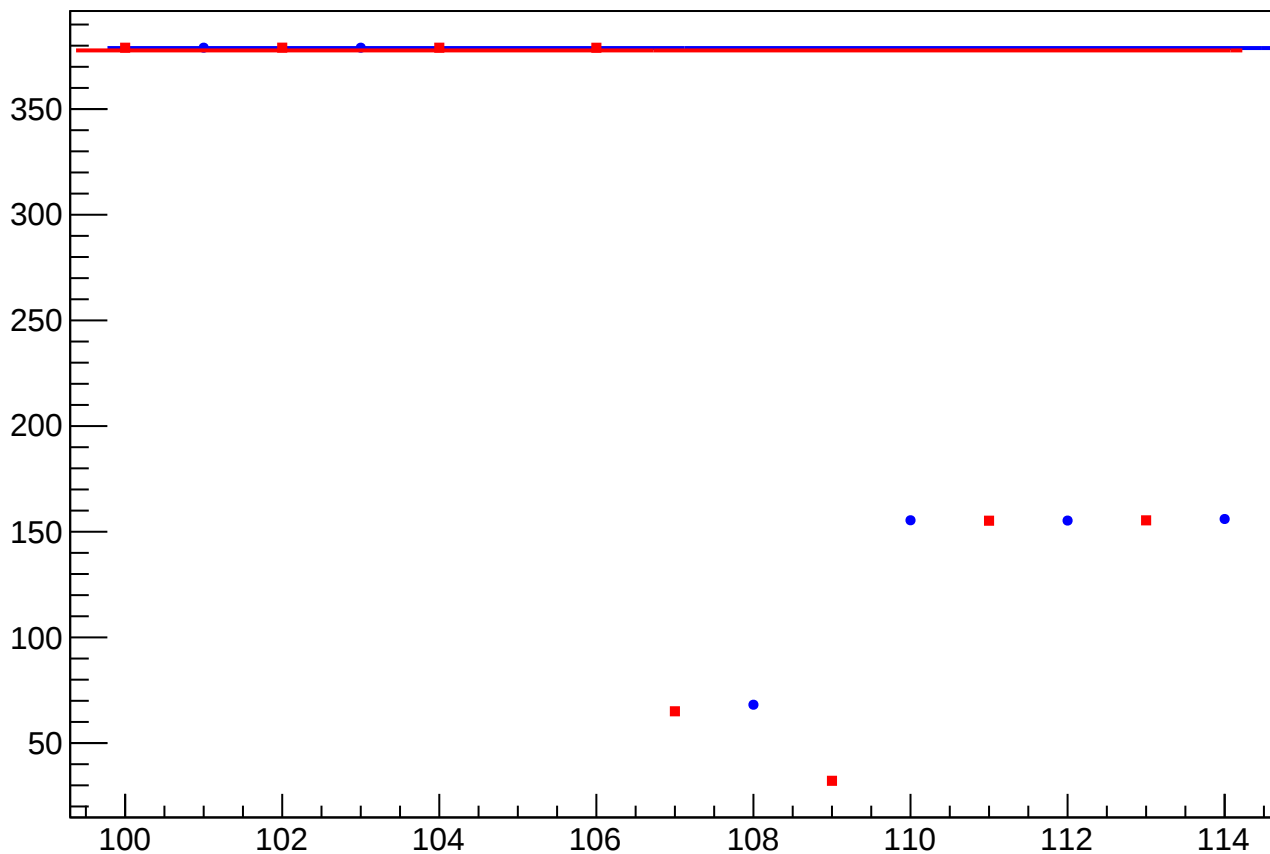
Right: 1.482+/-0.001 χ^2/NDF : 2659626.8/13

In: 1.586+/-0.001 χ^2/NDF : 1005742.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

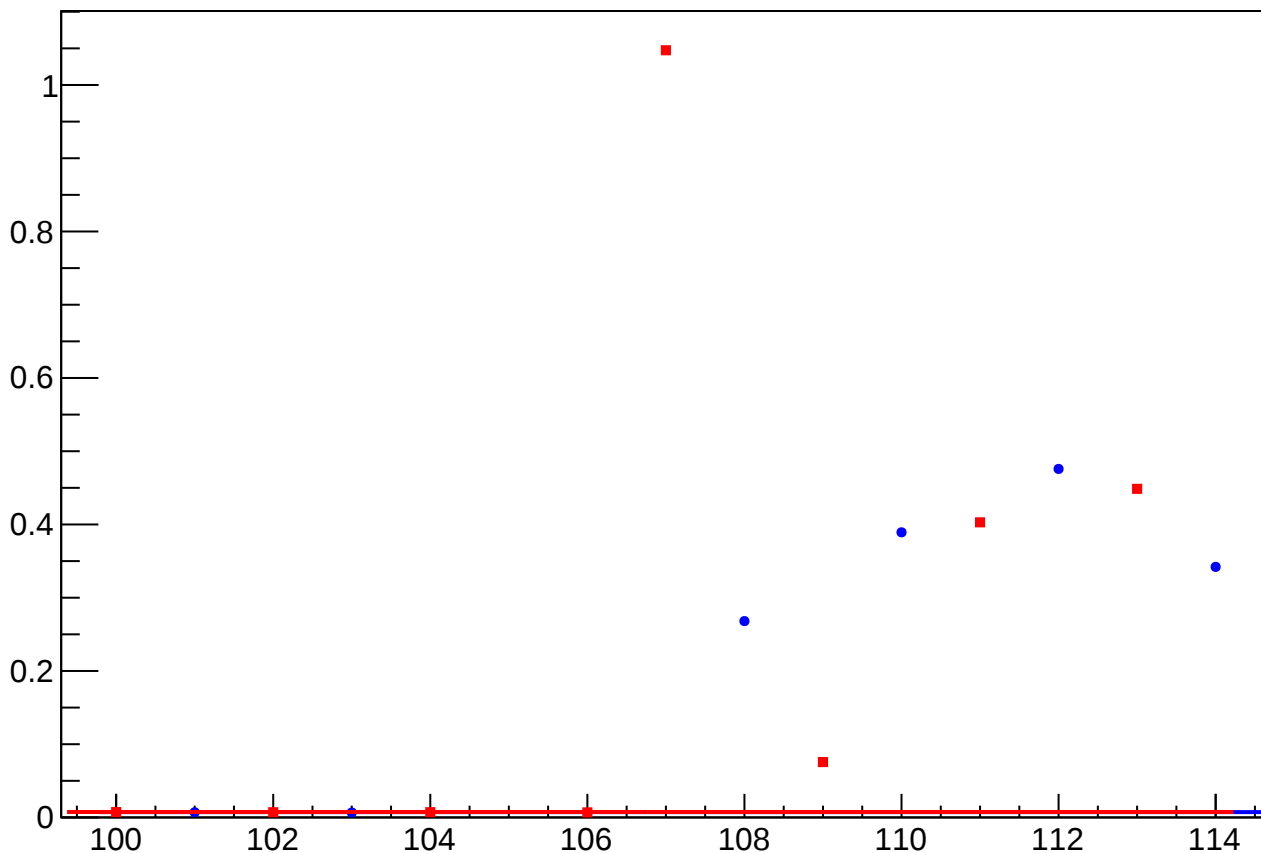
All: 1.482+/-0.001 χ^2/NDF : 2659626.8/13

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 378.870+/-0.000 χ^2/NDF : 656264826736.7/5
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 378.278+/-0.000 χ^2/NDF : 7265123703243.7/5
 Right Out: 377.758+/-0.000 χ^2/NDF : 6600106871361.3/7
 In: 378.870+/-0.000 χ^2/NDF : 656264826736.7/5
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 378.278+/-0.000 χ^2/NDF : 7265123703243.7/5

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 2259772.1/5

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

Right Out: 0.007+/-0.000 χ^2/NDF : 2608909.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

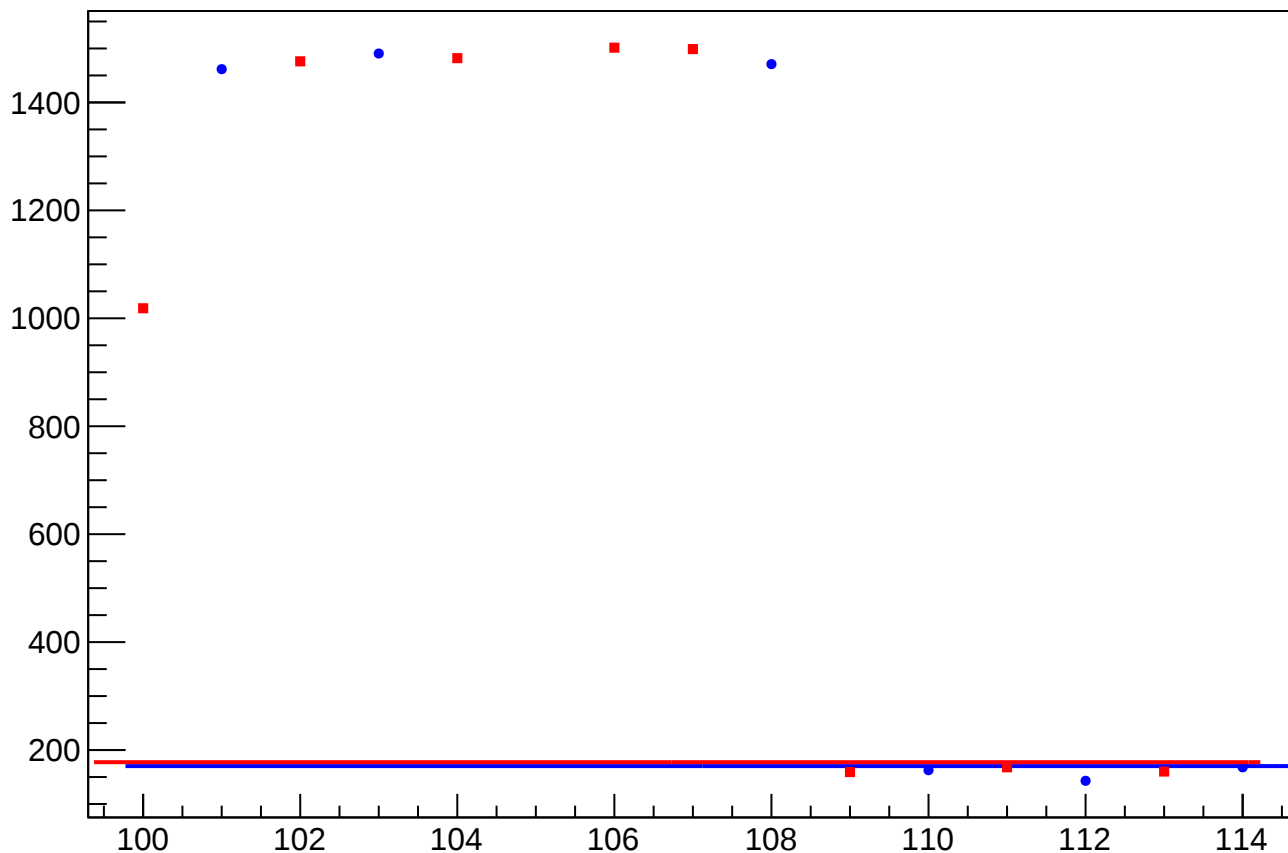
Right: 0.007+/-0.000 χ^2/NDF : 4869196.8/13

In: 0.007+/-0.000 χ^2/NDF : 2259772.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 4869196.8/13

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 170.234+/-0.001 χ^2/NDF : 23522818628.3/5

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

Right Out: 177.500+/-0.001 χ^2/NDF : 32115492487.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

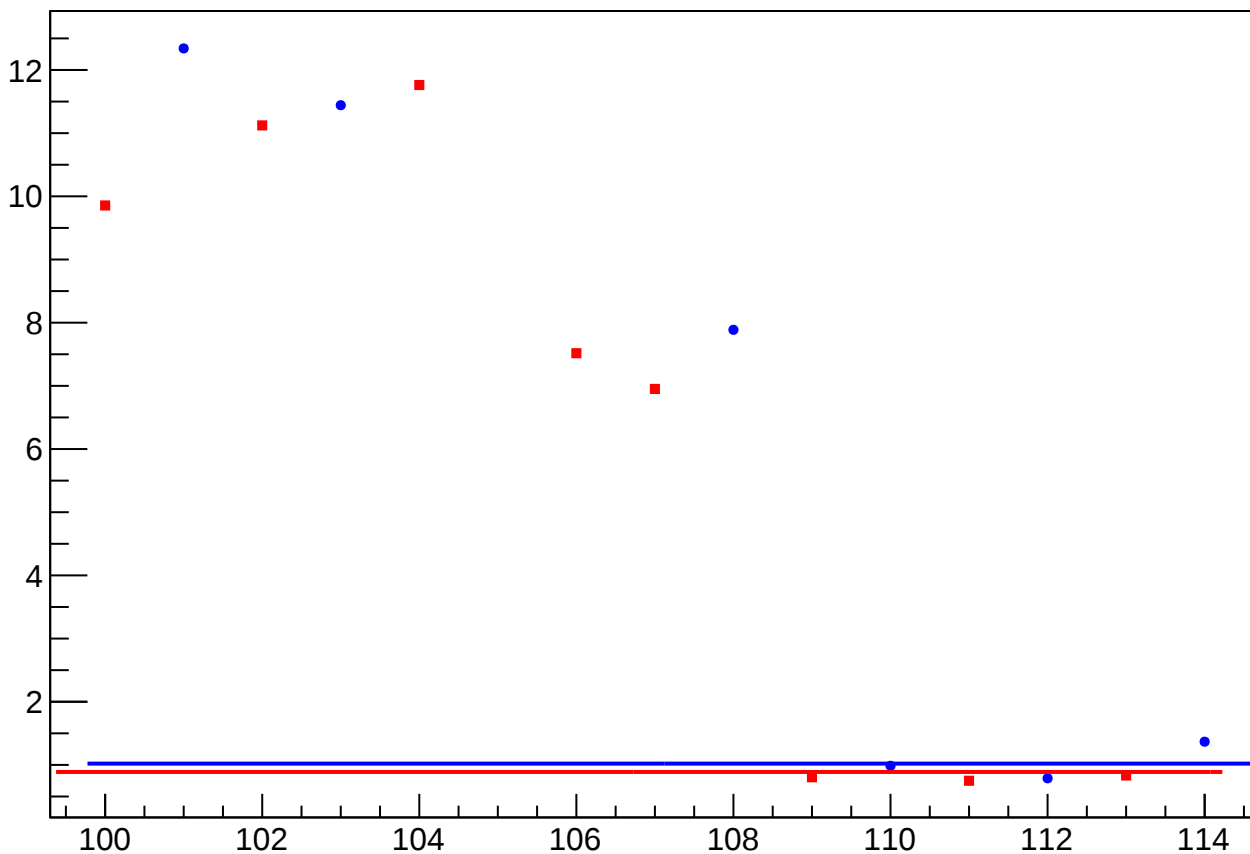
Right: 174.911+/-0.001 χ^2/NDF : 55669217094.0/13

In: 170.234+/-0.001 χ^2/NDF : 23522818628.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.911+/-0.001 χ^2/NDF : 55669217094.0

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 1.021+/-0.001 χ^2/NDF : 2461939.6/5

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

Right Out: 0.889+/-0.001 χ^2/NDF : 2653857.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

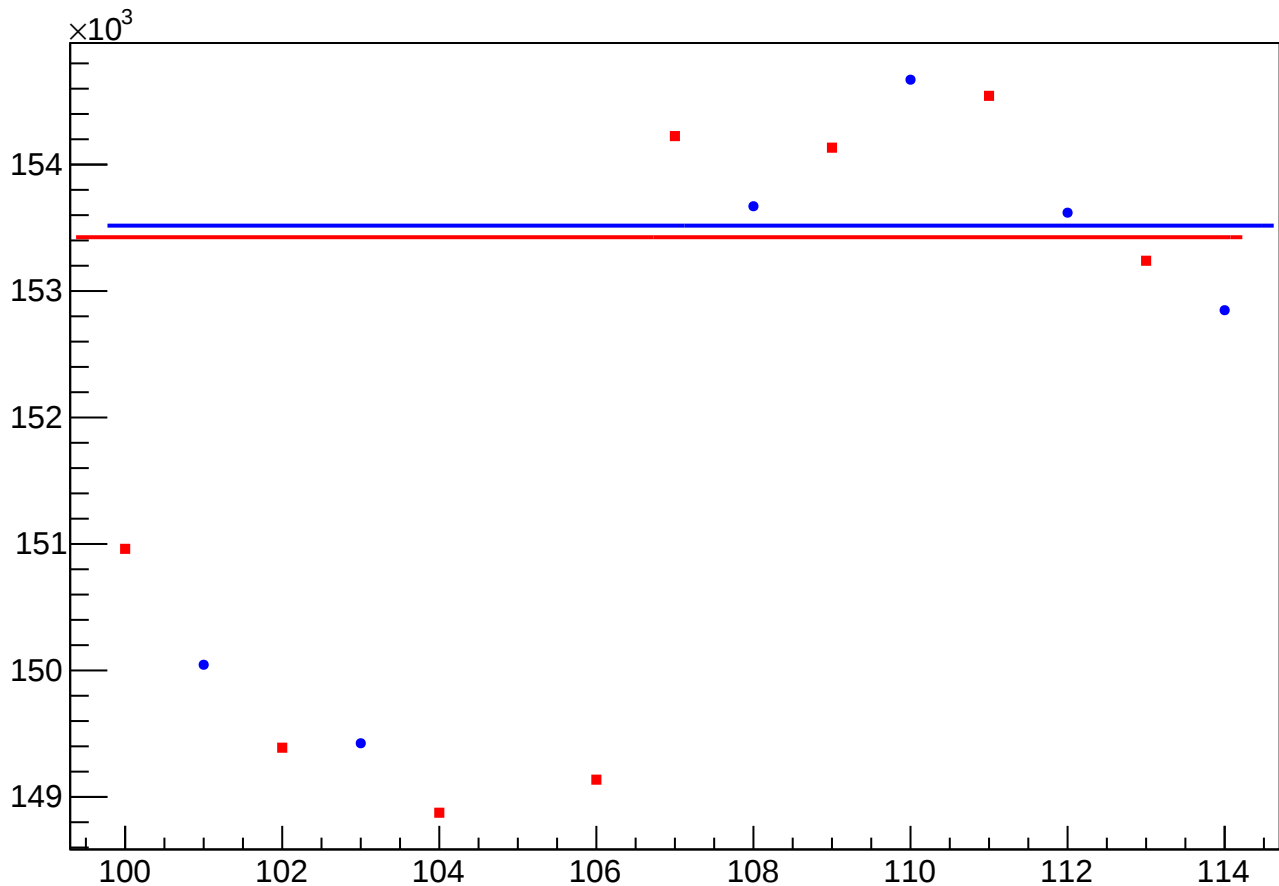
Right: 0.936+/-0.000 χ^2/NDF : 5136208.1/13

In: 1.021+/-0.001 χ^2/NDF : 2461939.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.936+/-0.000 χ^2/NDF : 5136208.1/13

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 153462.585+/-0.070 χ^2 /NDF: 458221639.8/1

In: 153517.107+/-0.111 χ^2 /NDF:137694509.9/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right In: 153517.107+/-0.111 χ^2 /NDF: 137694509.9/5

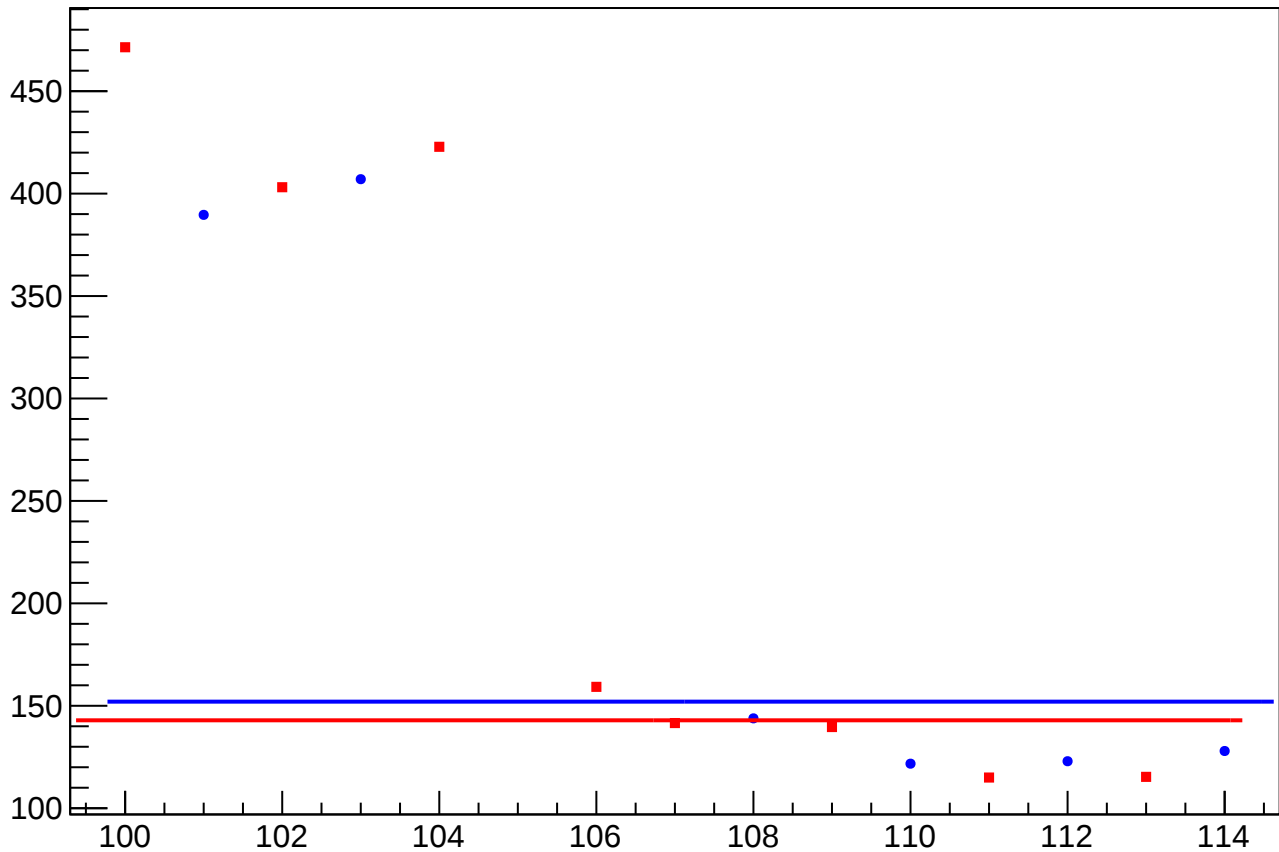
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 153425.496+/-0.091 χ^2 /NDF: 320119100.4/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 153462.585+/-0.070 χ^2 /NDF: 458221639.8/1

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 152.020+/-0.078 χ^2/NDF : 978723.2/5

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

Right Out: 142.911+/-0.065 χ^2/NDF : 1056878.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

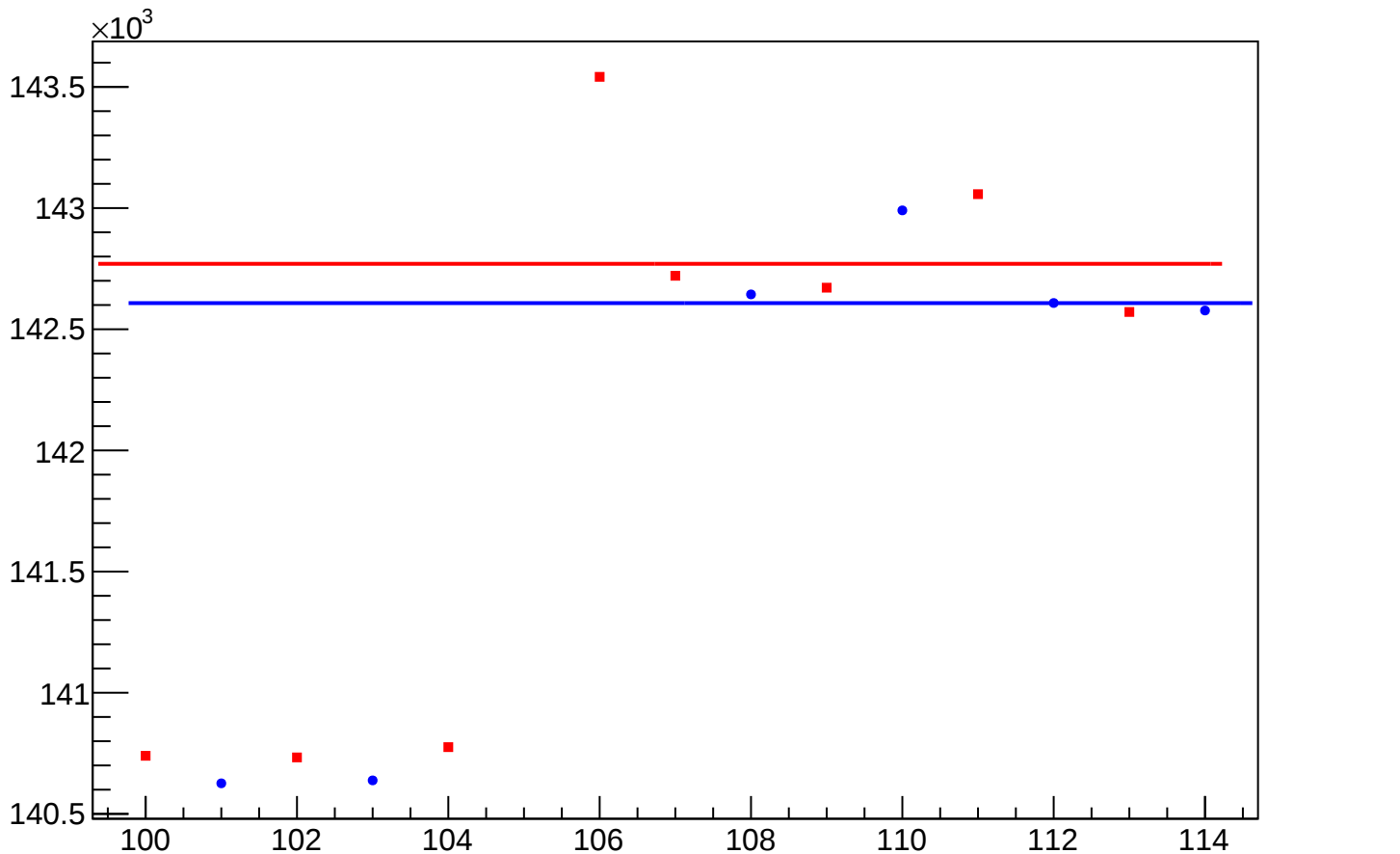
Right: 146.599+/-0.050 χ^2/NDF : 2043668.8/13

In: 152.020+/-0.078 χ^2/NDF : 978723.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

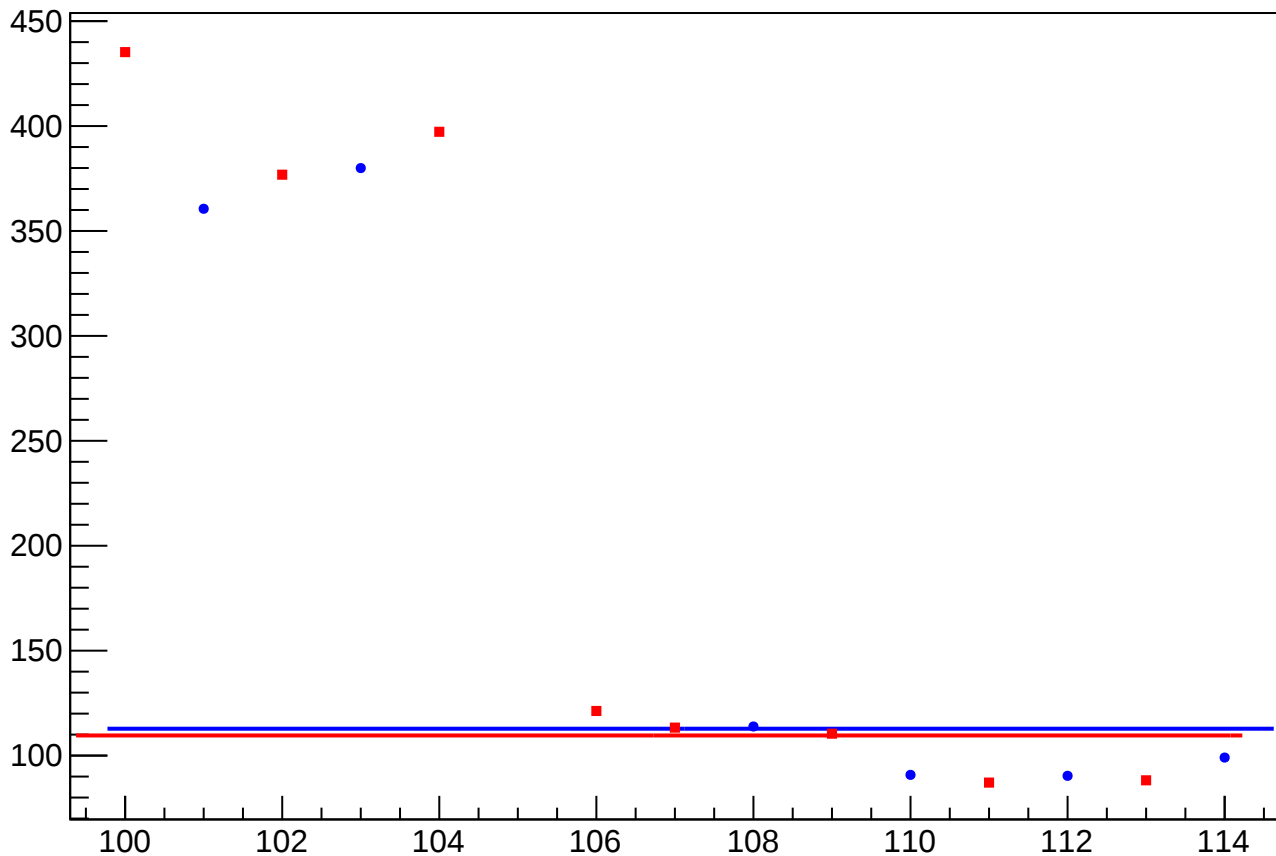
All: 146.599+/-0.050 χ^2/NDF : 2043668.8/13

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 142607.884 $\pm$ 0.085 χ^2 /NDF: 39072515.5/5
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 142769.973 $\pm$ 0.070 χ^2 /NDF: 48943336.8/7
 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: 142704.216 $\pm$ 0.054 χ^2 /NDF: 90196964.3/13
 In: 142607.884 $\pm$ 0.085 χ^2 /NDF:39072515.5/5
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 142704.216 $\pm$ 0.054 χ^2 /NDF: 90196964.3/13

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 112.805+/-0.060 χ^2/NDF : 1208676.9/5

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

Right Out: 109.592+/-0.049 χ^2/NDF : 1255090.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

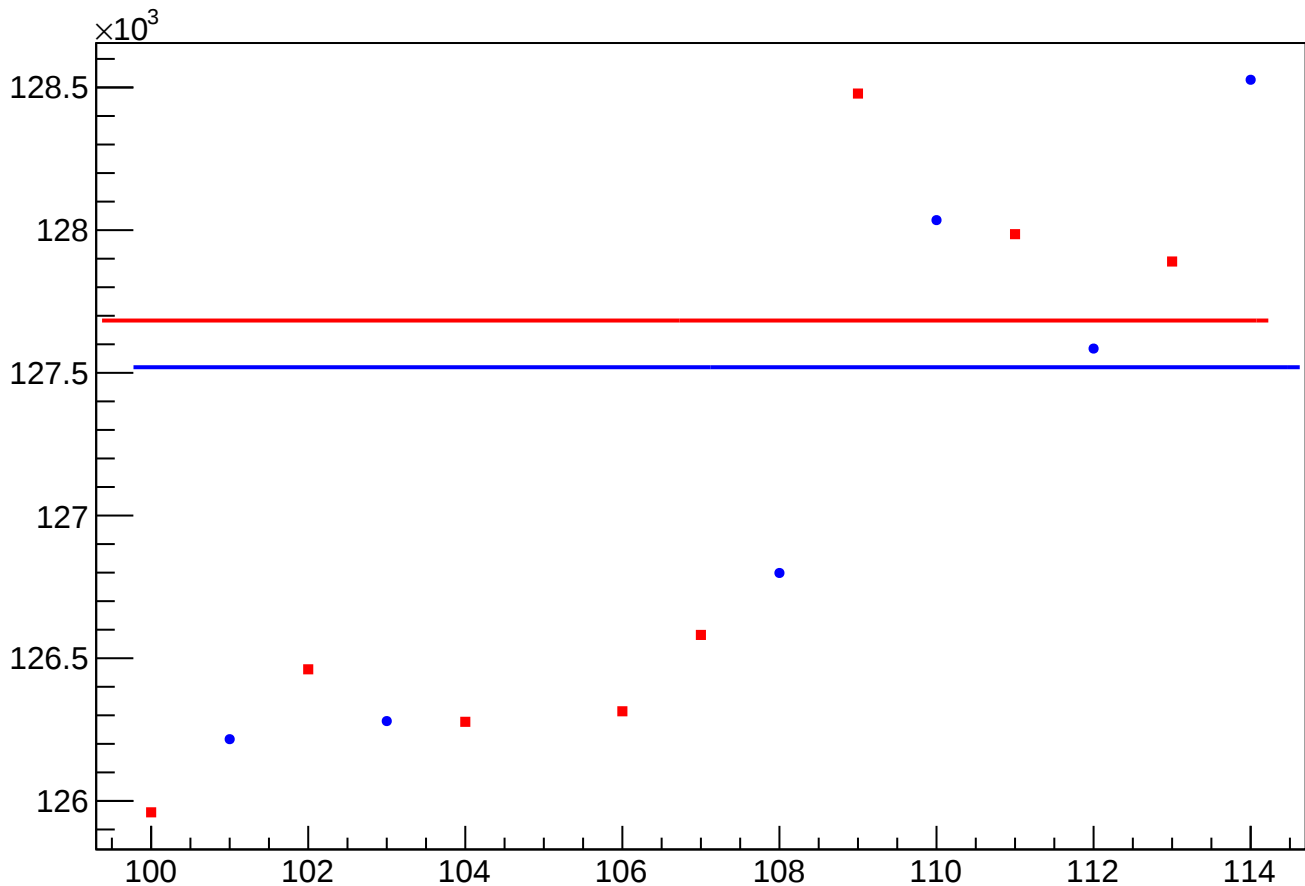
Right: 110.895+/-0.038 χ^2/NDF : 2465482.4/13

In: 112.805+/-0.060 χ^2/NDF : 1208676.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.895+/-0.038 χ^2/NDF : 2465482.4/13

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127519.681 $\pm$ 0.104 χ^2 /NDF: 45932277.6/5

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

Right Out: 127683.322 $\pm$ 0.086 χ^2 /NDF: 75236112.8/7

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

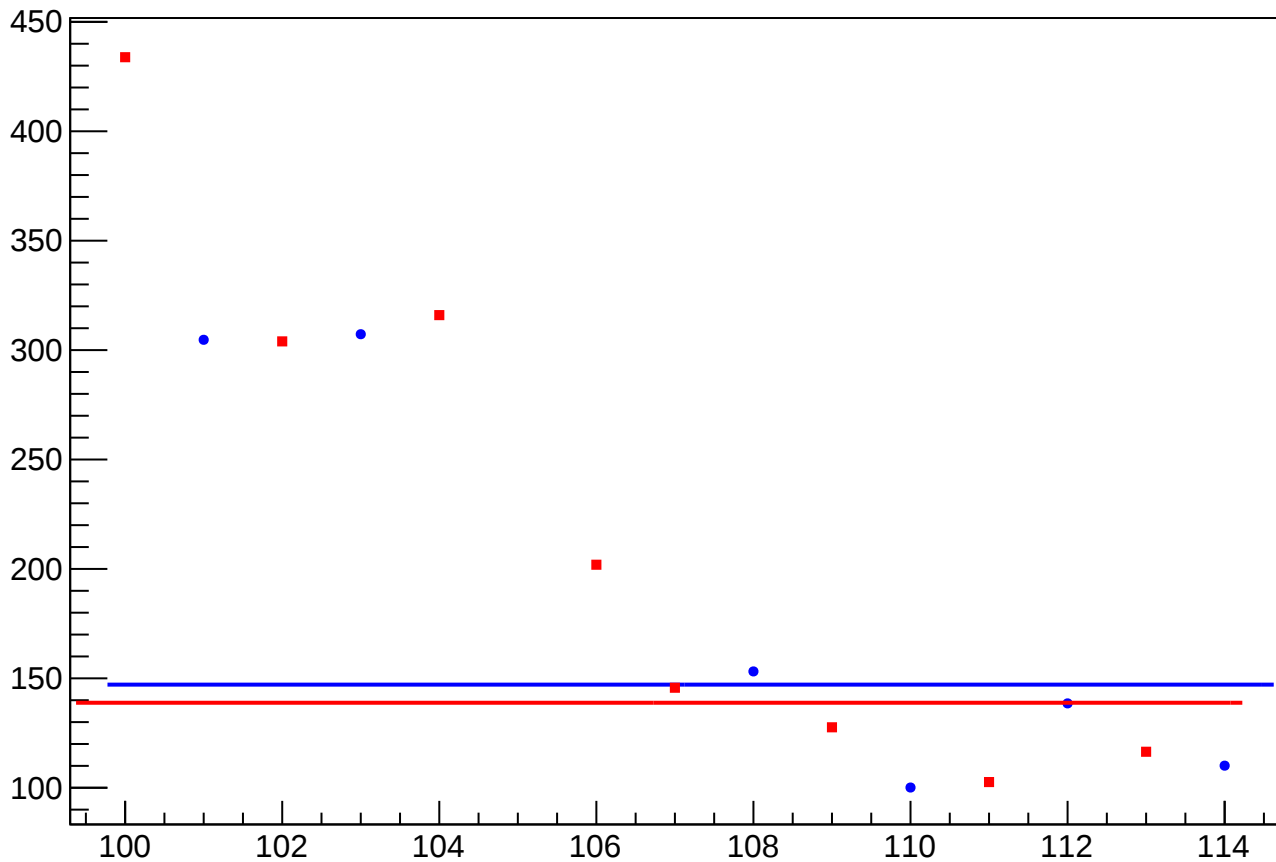
Right: 127617.057 $\pm$ 0.066 χ^2 /NDF: 122629509.9/1

In: 127519.681 $\pm$ 0.104 χ^2 /NDF:45932277.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 127617.057 $\pm$ 0.066 χ^2 /NDF: 122629509.9/1

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 147.126 $\pm$ 0.074 χ^2 /NDF: 794481.8/5

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

Right Out: 138.845 $\pm$ 0.061 χ^2 /NDF: 890249.8/7

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

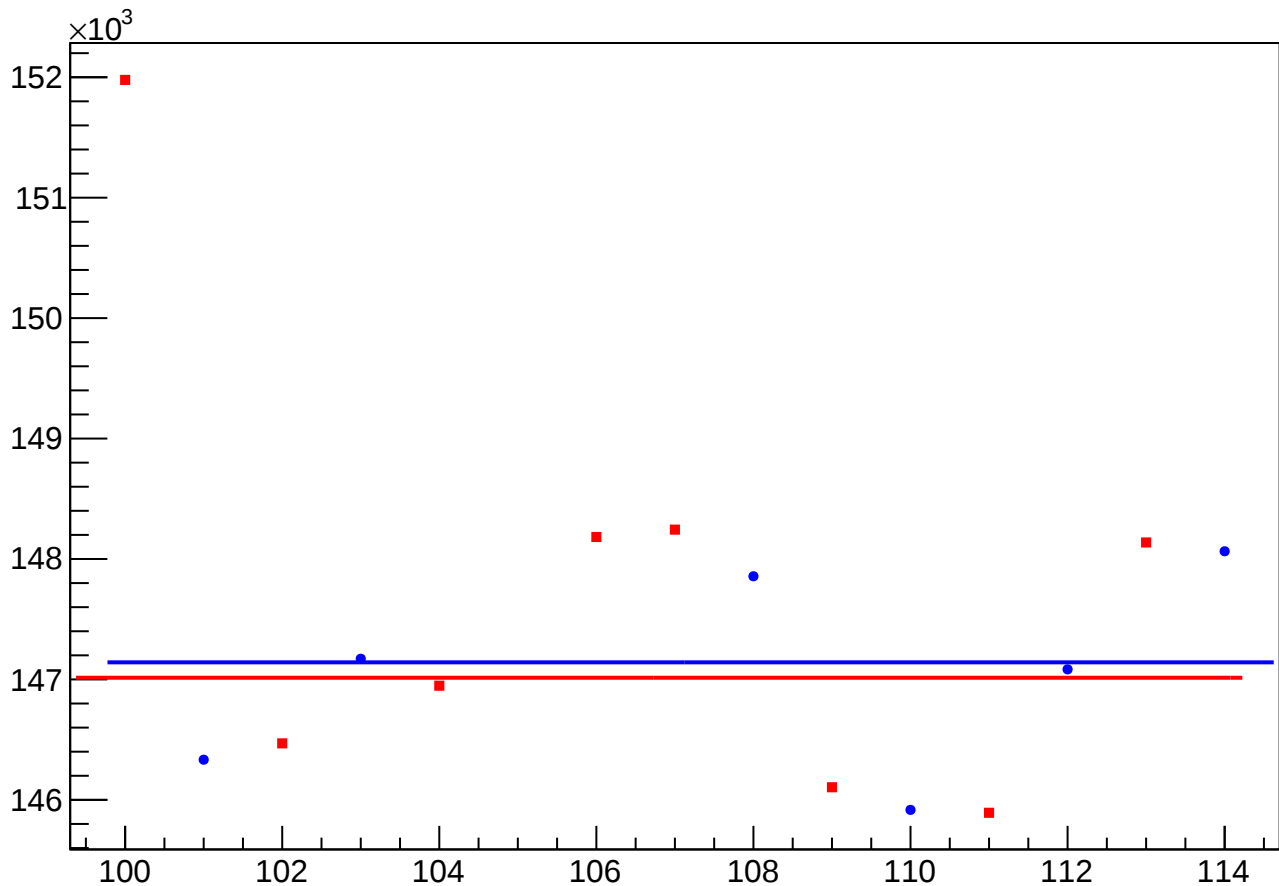
Right: 142.198 $\pm$ 0.047 χ^2 /NDF: 1692215.9/13

In: 147.126 $\pm$ 0.074 χ^2 /NDF:794481.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

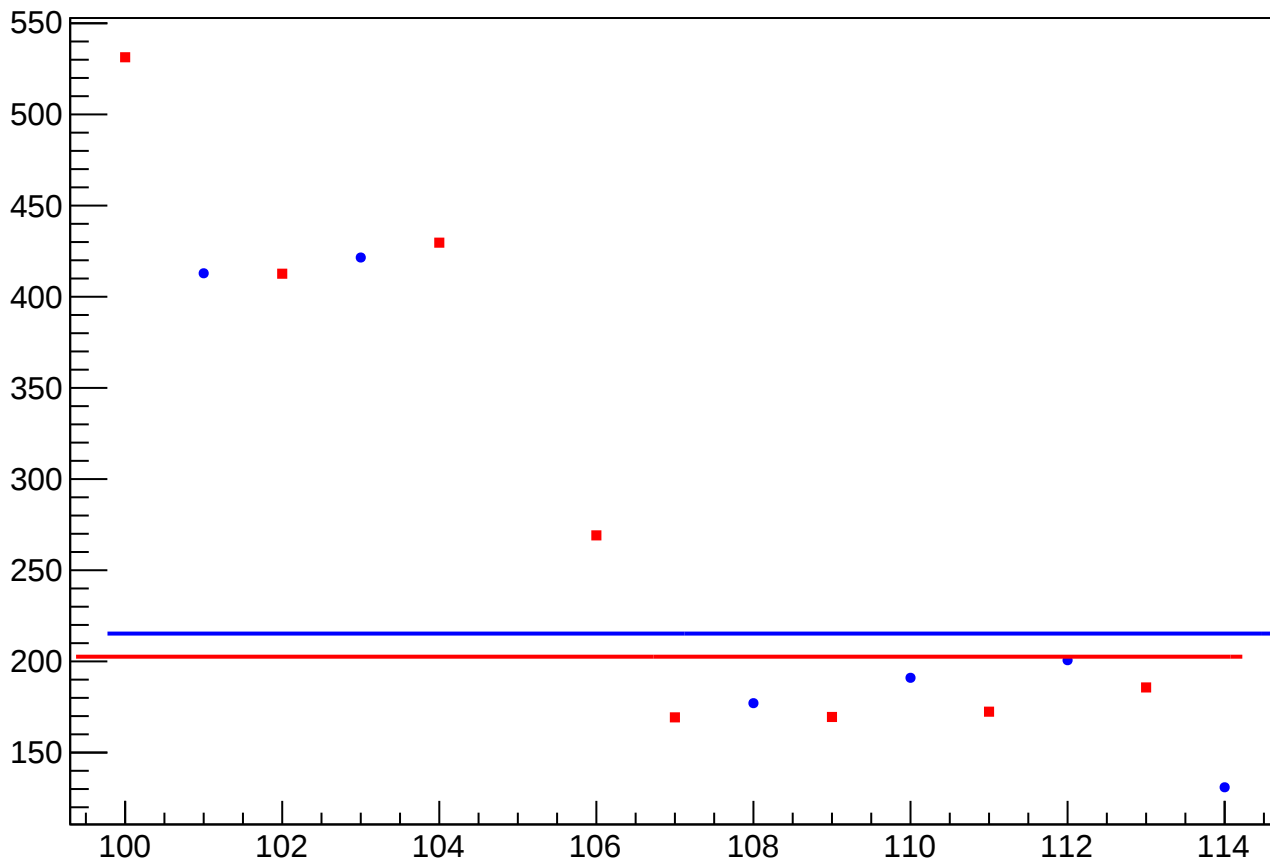
All: 142.198 $\pm$ 0.047 χ^2 /NDF: 1692215.9/13

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 147141.882 $\pm$ 0.152 χ^2 /NDF: 27096654.7/5
 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: 147065.902 $\pm$ 0.097 χ^2 /NDF: 103268537.0/1
 In: 147141.882 $\pm$ 0.152 χ^2 /NDF: 27096654.7/5
 Right Out: 147013.963 $\pm$ 0.125 χ^2 /NDF: 75749711.7/7
 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: 147065.902 $\pm$ 0.097 χ^2 /NDF: 103268537.0/1

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 215.262 $\pm$ 0.107 χ^2 /NDF: 678088.6/5

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

Right Out: 202.587 $\pm$ 0.089 χ^2 /NDF: 735161.4/7

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

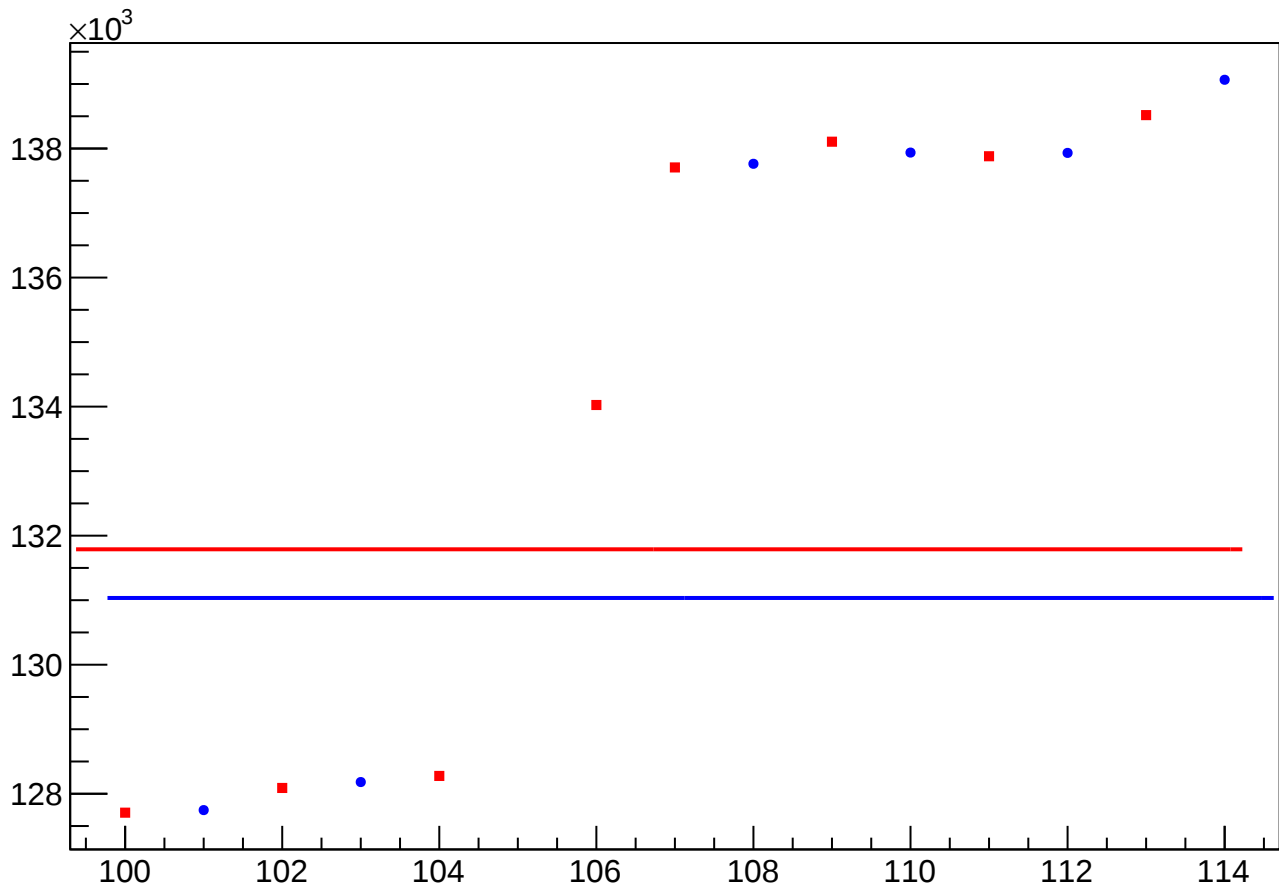
Right: 207.733 $\pm$ 0.068 χ^2 /NDF: 1421539.5/13

In: 215.262 $\pm$ 0.107 χ^2 /NDF:678088.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 207.733 $\pm$ 0.068 χ^2 /NDF: 1421539.5/13

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 131034.404+/-0.245 χ^2 /NDF: 357265466.0/5

Right: 131409.745+/-0.173 χ^2 /NDF: 727229881.2/1

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

Right Out: 131788.670+/-0.246 χ^2 /NDF: 365235073.1/7

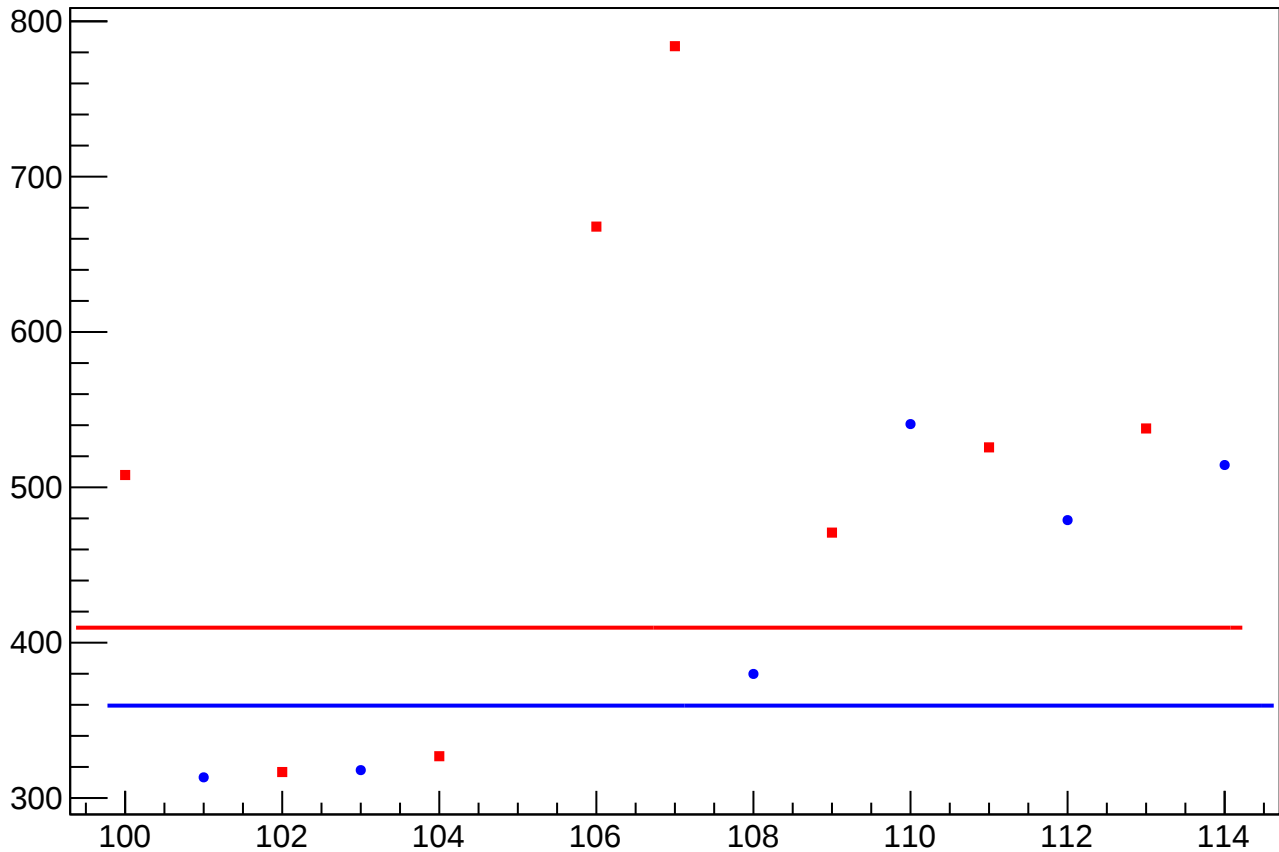
In: 131034.404+/-0.245 χ^2 /NDF: 357265466.0/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 131409.745+/-0.173 χ^2 /NDF: 727229881.2/1

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 359.486+/-0.173 χ^2/NDF : 185857.9/5

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

Right Out: 409.665+/-0.174 χ^2/NDF : 497959.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

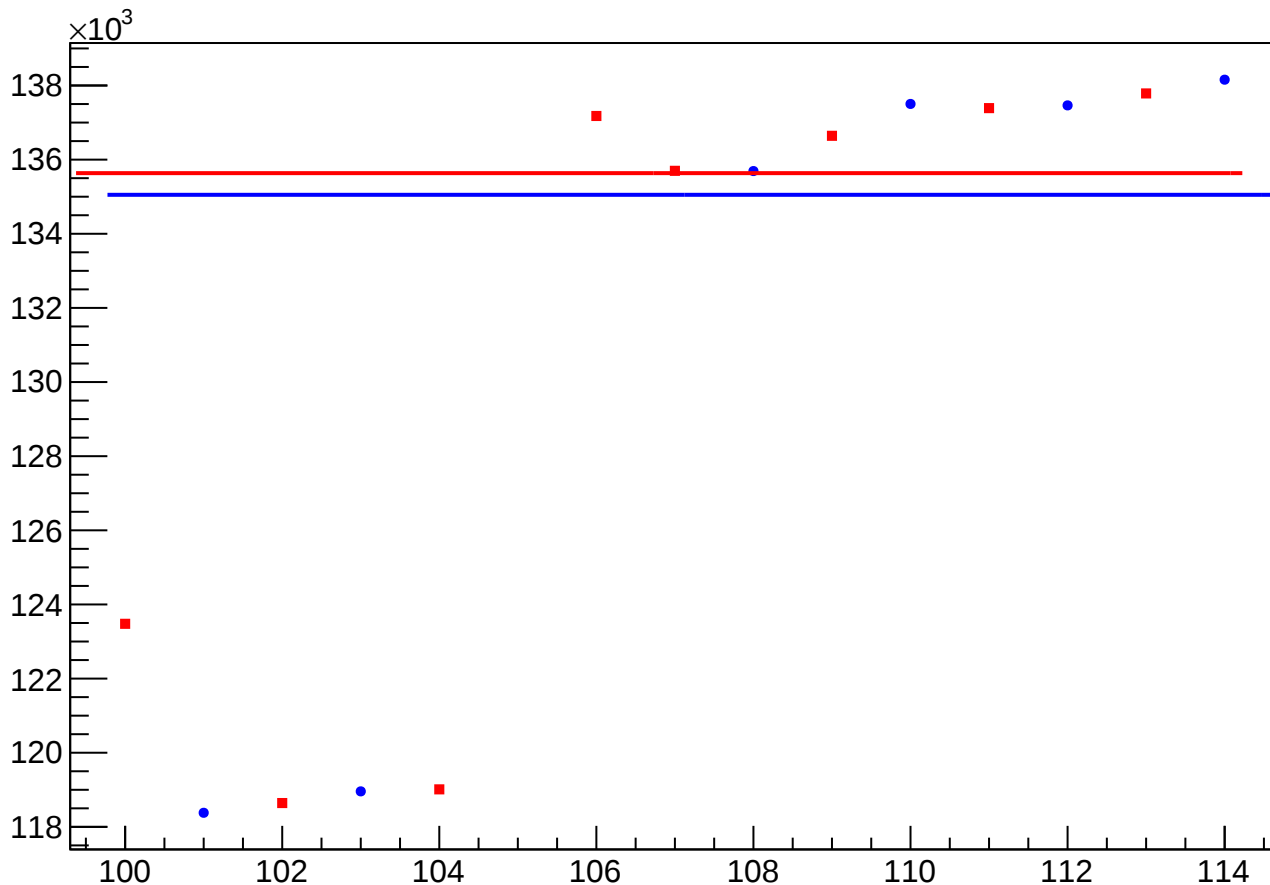
Right: 384.456+/-0.123 χ^2/NDF : 725679.7/13

In: 359.486+/-0.173 χ^2/NDF : 185857.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 384.456+/-0.123 χ^2/NDF : 725679.7/13

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 135051.217+/-0.106 χ^2 /NDF: 3188072648.6/5

Right: 135381.862+/-0.070 χ^2 /NDF: 6103936344.4/5

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

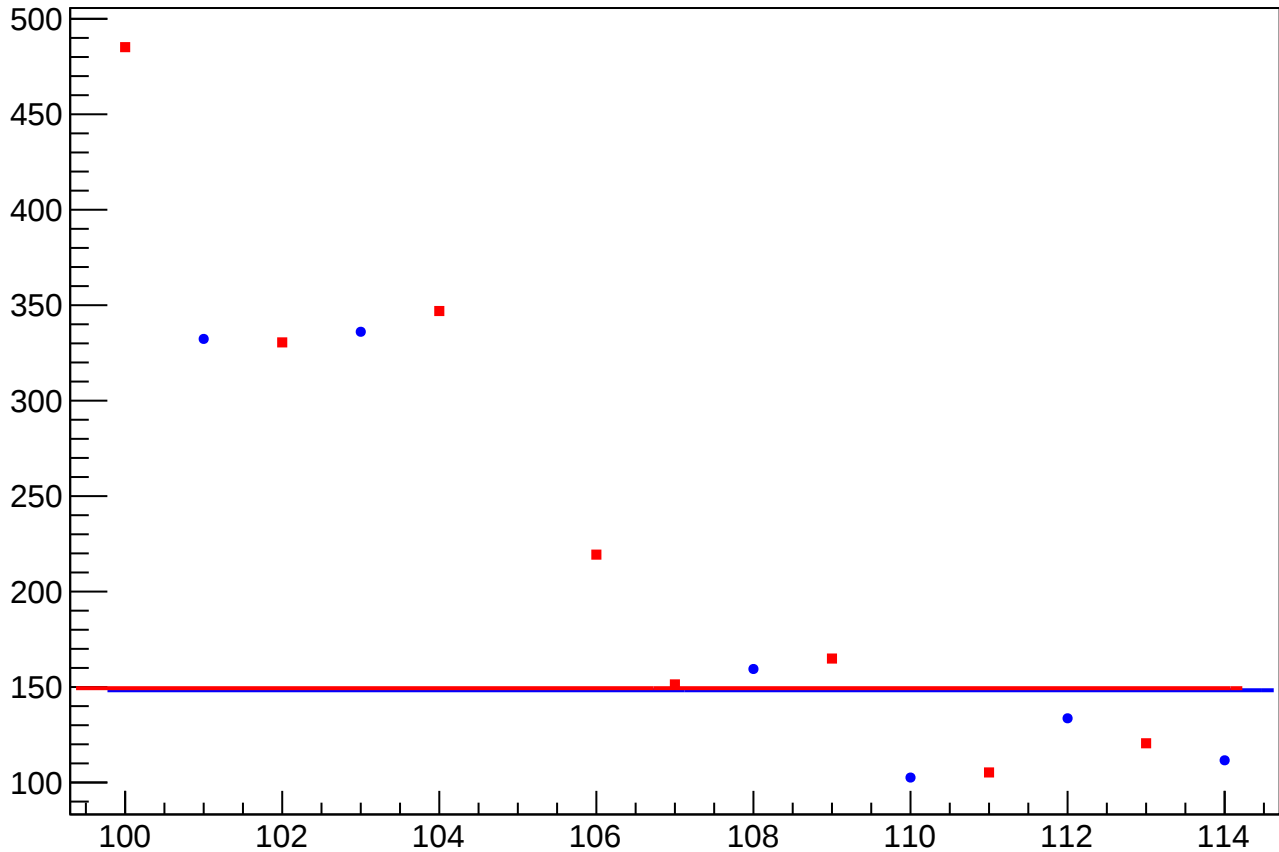
Right Out: 135635.694+/-0.093 χ^2 /NDF: 2898801025.7/7

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 135381.862+/-0.070 χ^2 /NDF: 6103936344.4/5

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 148.312+/-0.075 χ^2/NDF : 880134.3/5

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

Right Out: 149.394+/-0.066 χ^2/NDF : 971907.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

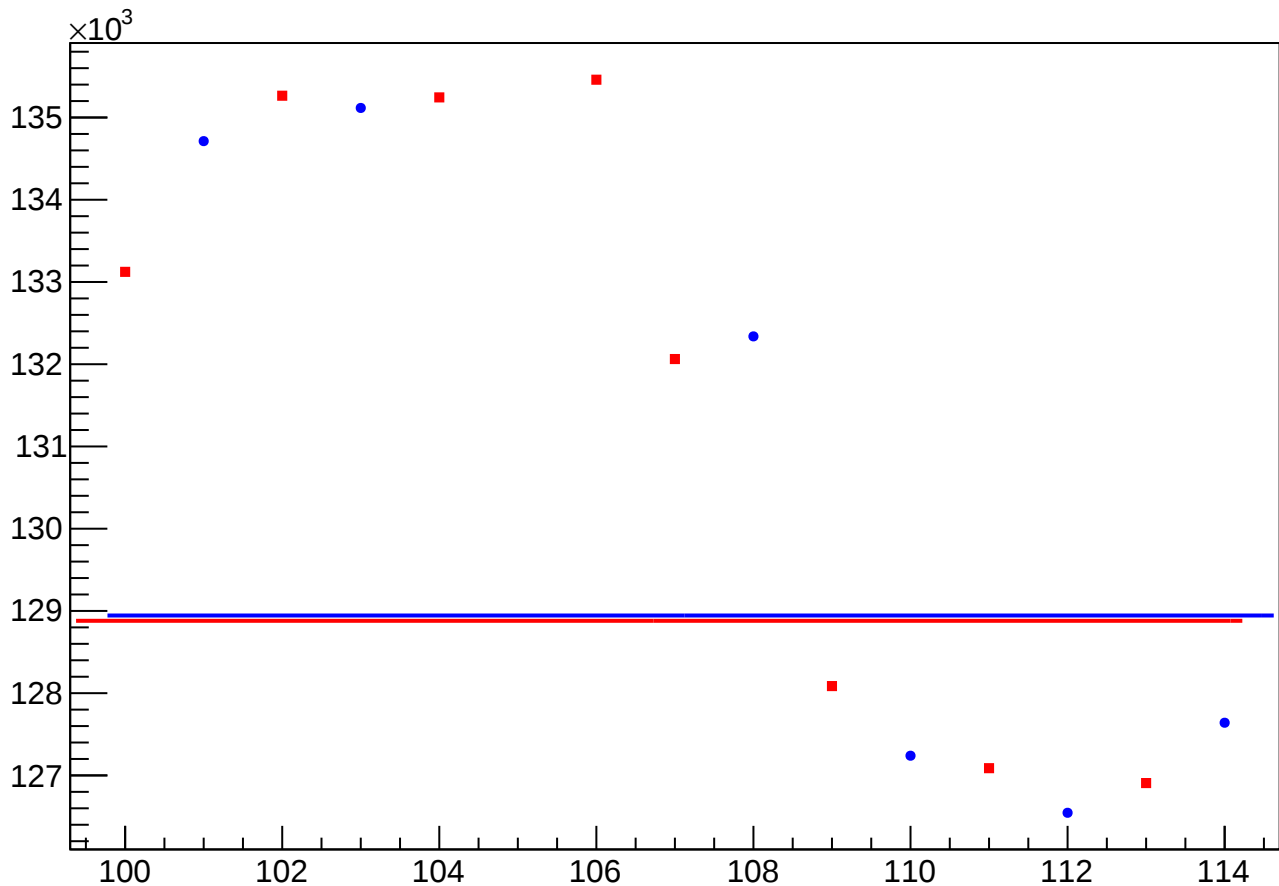
Right: 148.924+/-0.050 χ^2/NDF : 1852158.5/13

In: 148.312+/-0.075 χ^2/NDF : 880134.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.924+/-0.050 χ^2/NDF : 1852158.5/13

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 128944.484+/-0.117 χ^2 /NDF: 649039752.9/5

Right: 128906.186+/-0.074 χ^2 /NDF: 1490858817.5/3

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

Right Out: 128880.105+/-0.097 χ^2 /NDF: 841639045.3/7

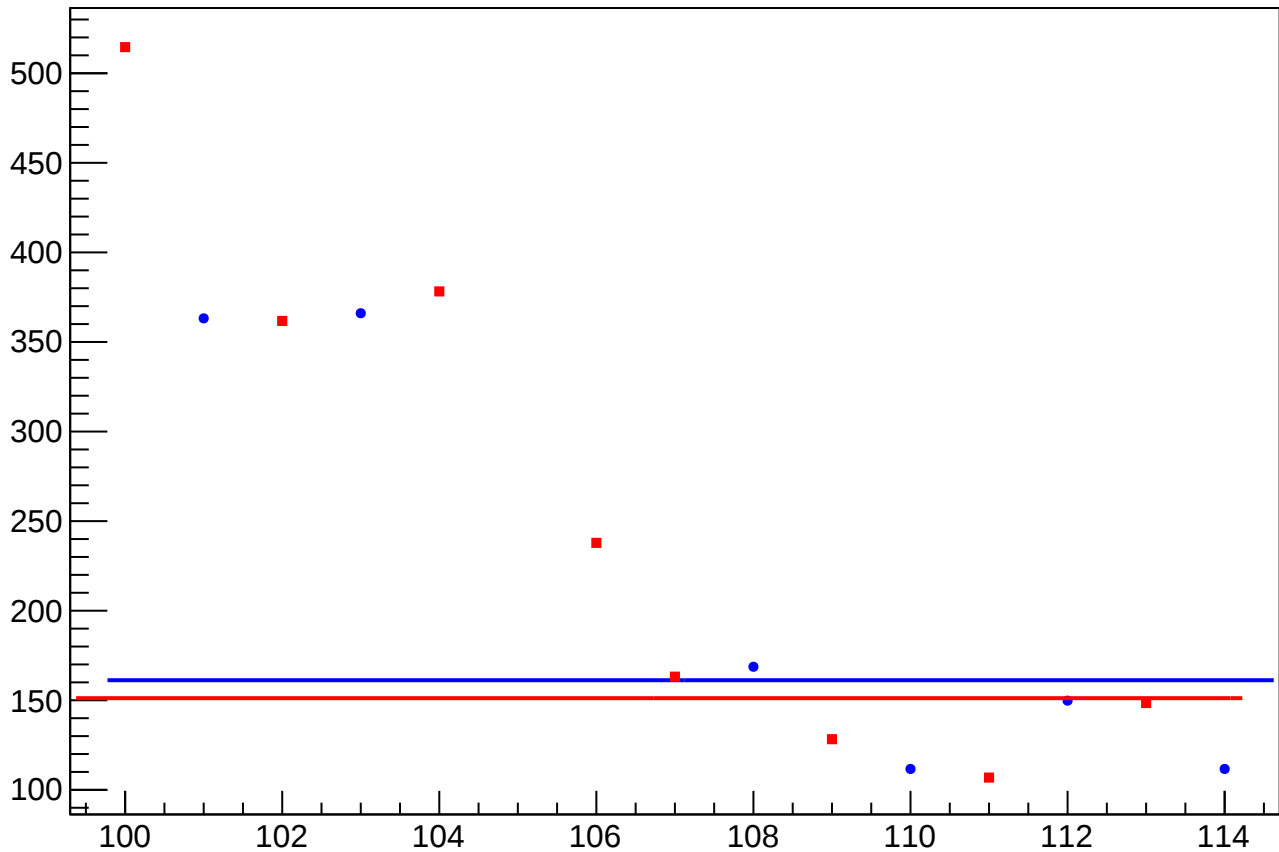
In: 128944.484+/-0.117 χ^2 /NDF: 649039752.9/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 128906.186+/-0.074 χ^2 /NDF: 1490858817.5/3

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 161.195 $\pm$ 0.083 χ^2 /NDF: 888164.8/5

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

Right Out: 151.170 $\pm$ 0.068 χ^2 /NDF: 1036917.4/7

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

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

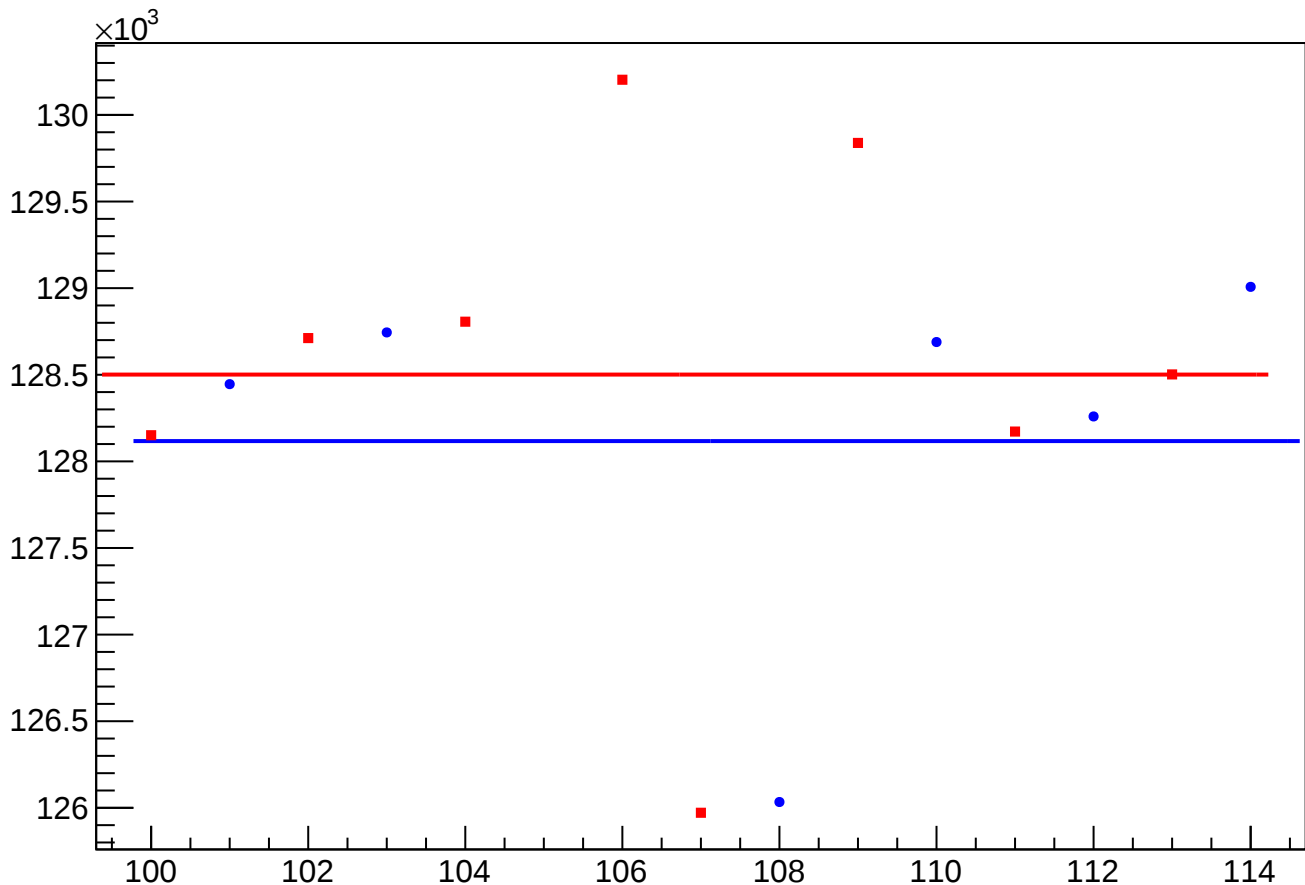
Right: 155.231 $\pm$ 0.053 χ^2 /NDF: 1933811.4/13

In: 161.195 $\pm$ 0.083 χ^2 /NDF: 888164.8/5

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

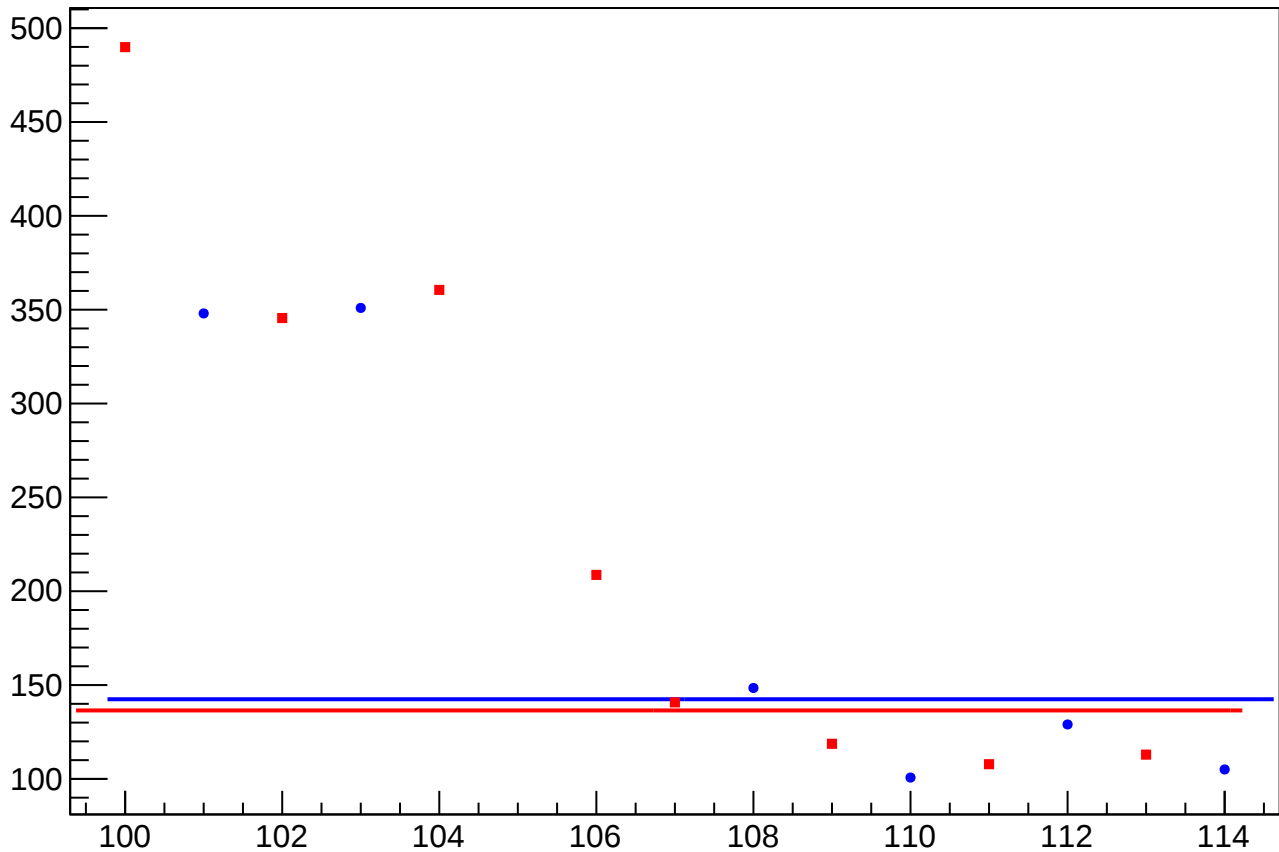
All: 155.231 $\pm$ 0.053 χ^2 /NDF: 1933811.4/13

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 128117.122 $\pm$ 0.103 χ^2 /NDF: 94399259.7/5
 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: 128343.860 $\pm$ 0.066 χ^2 /NDF: 298619634.3/1
 In: 128117.122 $\pm$ 0.103 χ^2 /NDF: 94399259.7/5
 Right Out: 128501.043 $\pm$ 0.086 χ^2 /NDF: 196050934.1/7
 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: 128343.860 $\pm$ 0.066 χ^2 /NDF: 298619634

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 142.445 $\pm$ 0.073 χ^2 /NDF: 959382.0/5

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

Right Out: 136.477 $\pm$ 0.061 χ^2 /NDF: 1031537.4/7

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

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

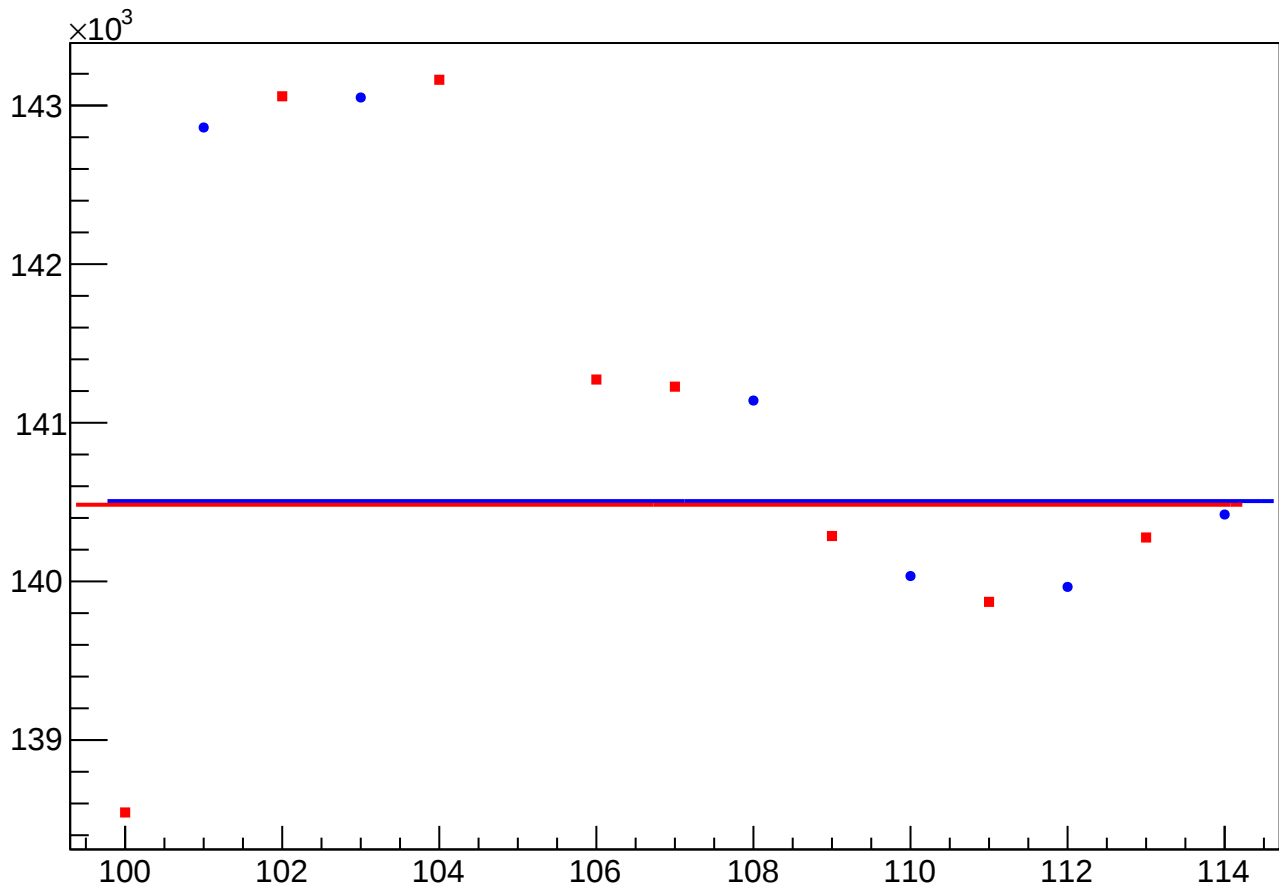
Right: 138.920 $\pm$ 0.047 χ^2 /NDF: 1994866.7/13

In: 142.445 $\pm$ 0.073 χ^2 /NDF: 959382.0/5

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

All: 138.920 $\pm$ 0.047 χ^2 /NDF: 1994866.7/13

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 140492.563+/-0.070 χ^2 /NDF: 132953388.6/1

In: 140506.312+/-0.111 χ^2 /NDF: 61992015.1/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 140492.563+/-0.070 χ^2 /NDF: 132953388.6/1

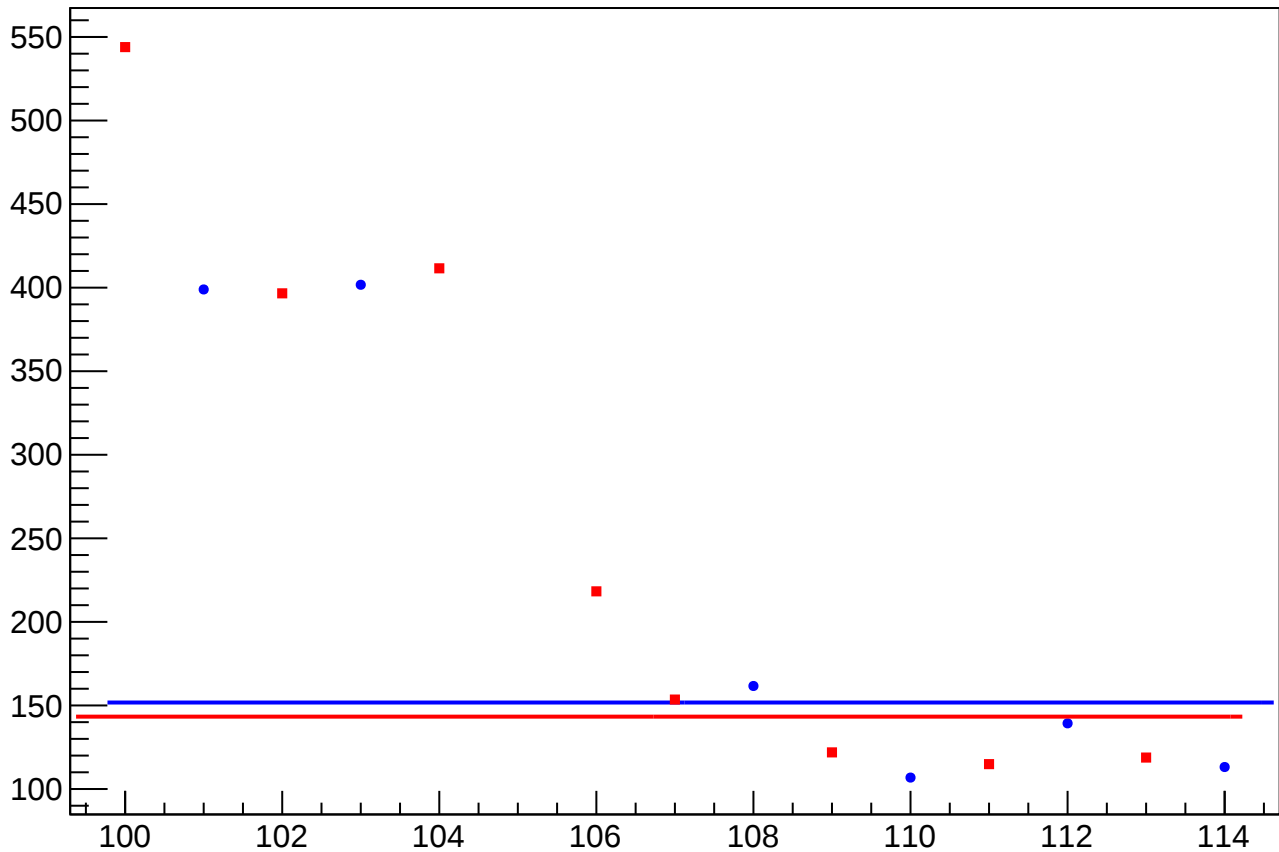
Right In: 140506.312+/-0.111 χ^2 /NDF: 61992015.1/5

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

Right Out: 140483.343+/-0.091 χ^2 /NDF: 70935672.8/7

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

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 151.754+/-0.078 χ^2/NDF : 1043055.7/5

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

Right Out: 143.303+/-0.064 χ^2/NDF : 1122665.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

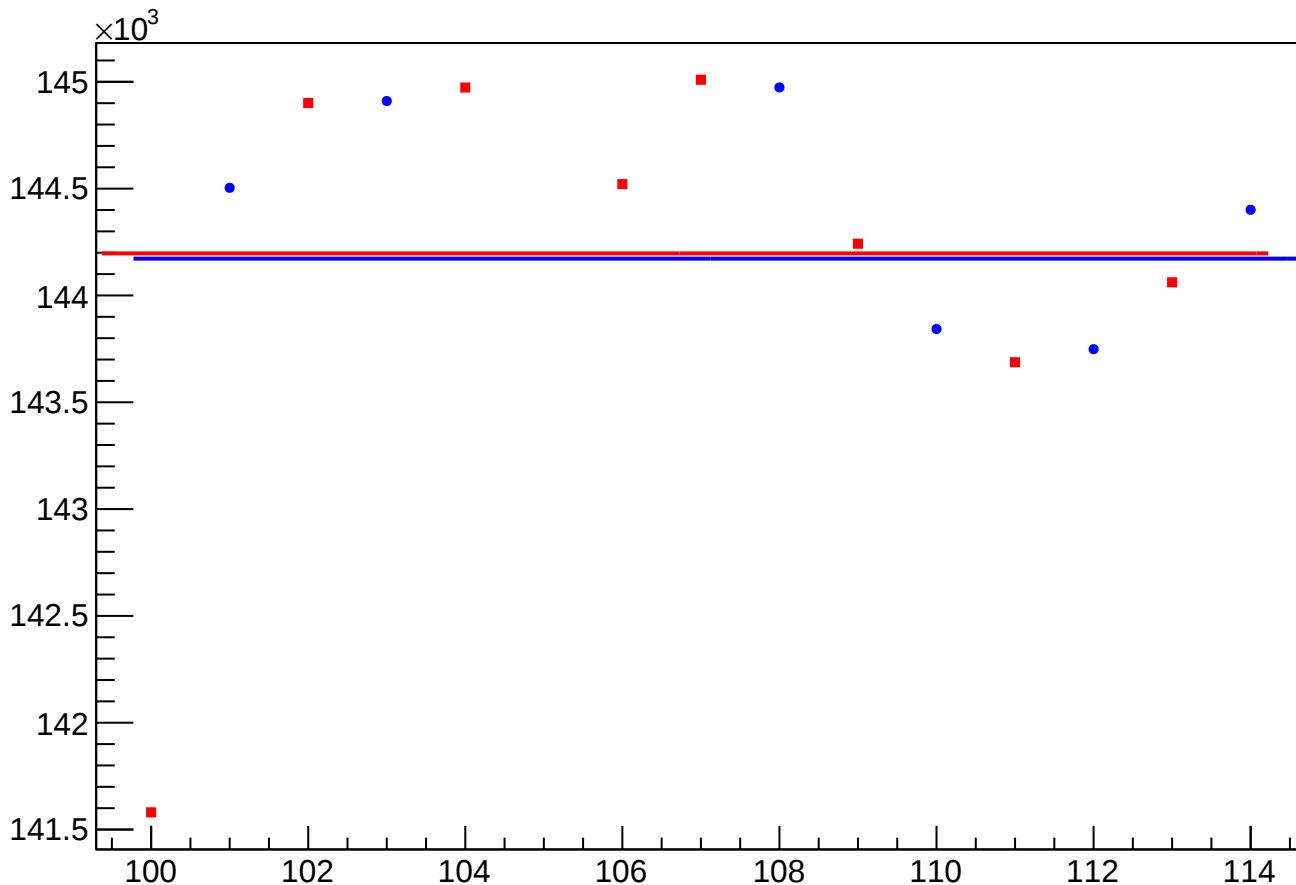
Right: 146.695+/-0.050 χ^2/NDF : 2172679.4/13

In: 151.754+/-0.078 χ^2/NDF : 1043055.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.695+/-0.050 χ^2/NDF : 2172679.4/13

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 144187.018+/-0.073 χ^2 /NDF: 41859654.2/13

In: 144172.344+/-0.115 χ^2 /NDF: 18210365.3/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 144187.018+/-0.073 χ^2 /NDF: 41859654.2/13

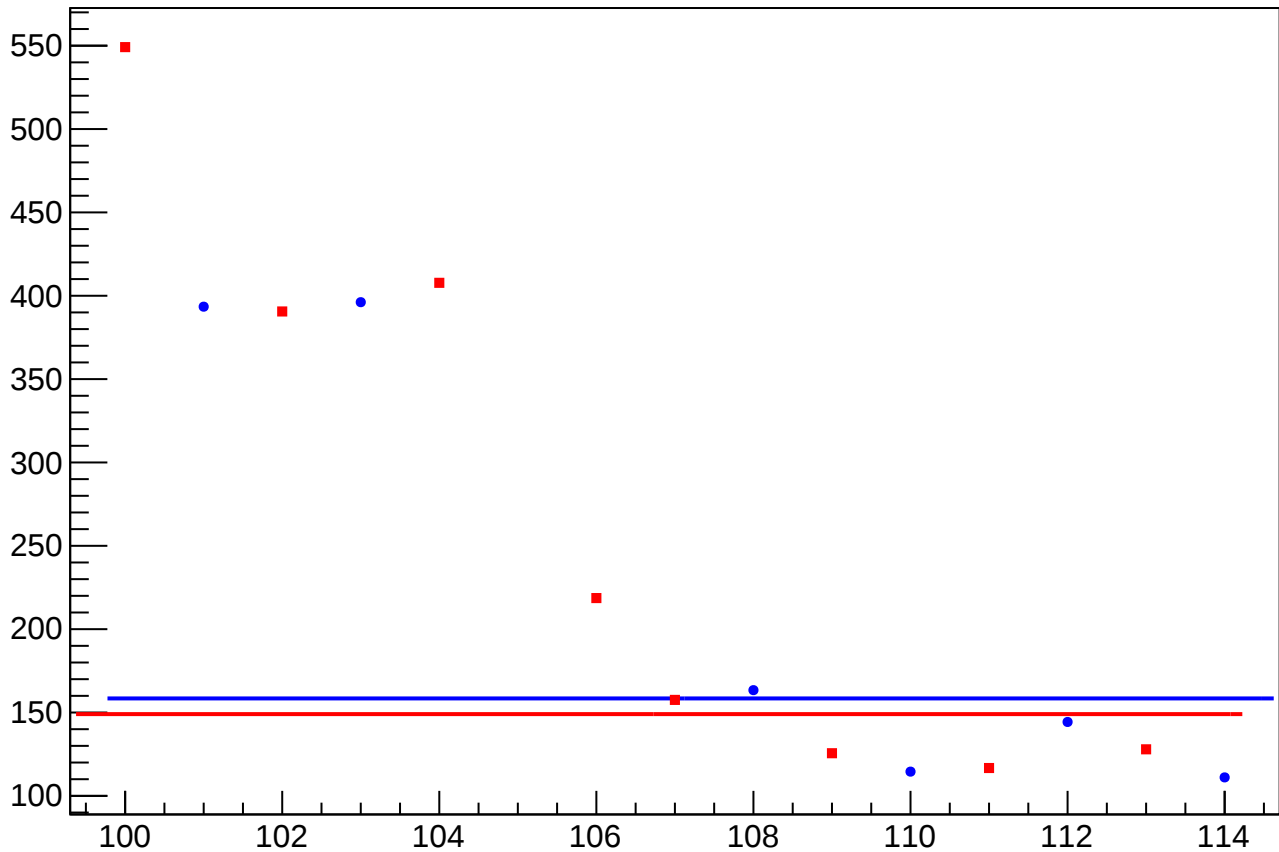
Right In: 144172.344+/-0.115 χ^2 /NDF: 18210365.3/5

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

Right Out: 144196.815+/-0.094 χ^2 /NDF: 23622054.5/7

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

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 158.451 $\pm$ 0.081 χ^2 /NDF: 972331.9/5

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

Right Out: 149.047 $\pm$ 0.066 χ^2 /NDF: 1065533.5/7

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

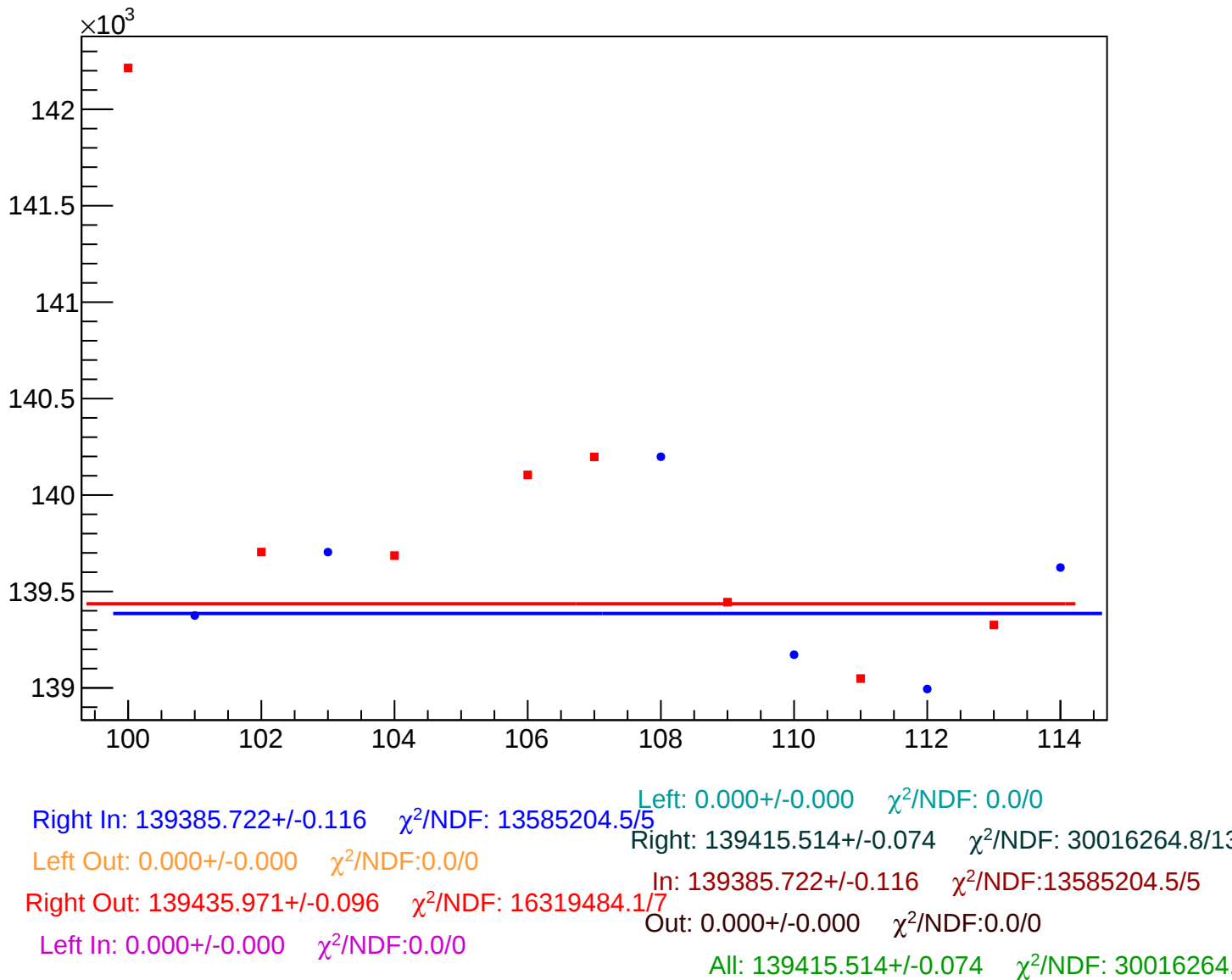
Right: 152.812 $\pm$ 0.051 χ^2 /NDF: 2045910.9/13

In: 158.451 $\pm$ 0.081 χ^2 /NDF:972331.9/5

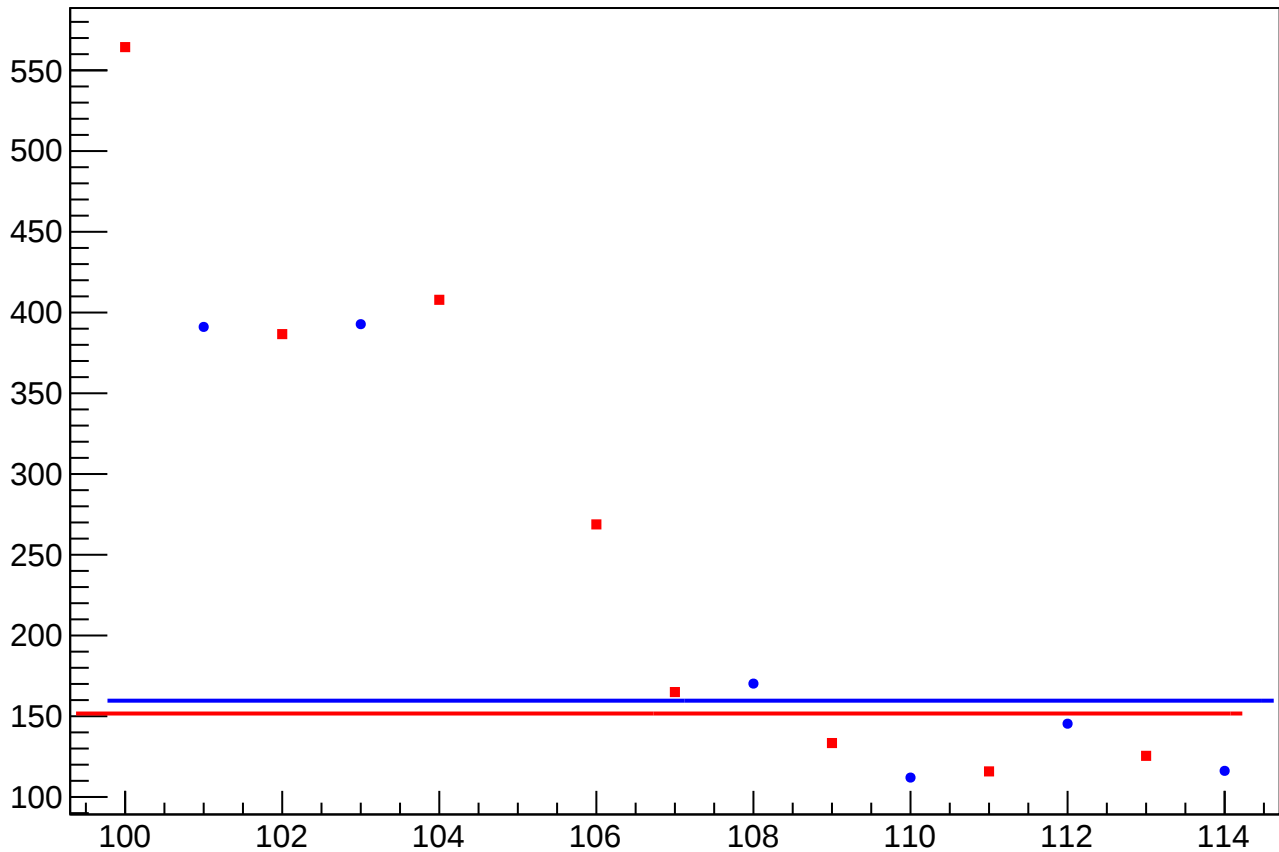
Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 152.812 $\pm$ 0.051 χ^2 /NDF: 2045910.9/13

yield_bpm0l09WS_mean vs Slug, Sign Corrected



yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 159.638+/-0.082 χ^2/NDF : 969590.7/5

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

Right Out: 151.686+/-0.068 χ^2/NDF : 1107130.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

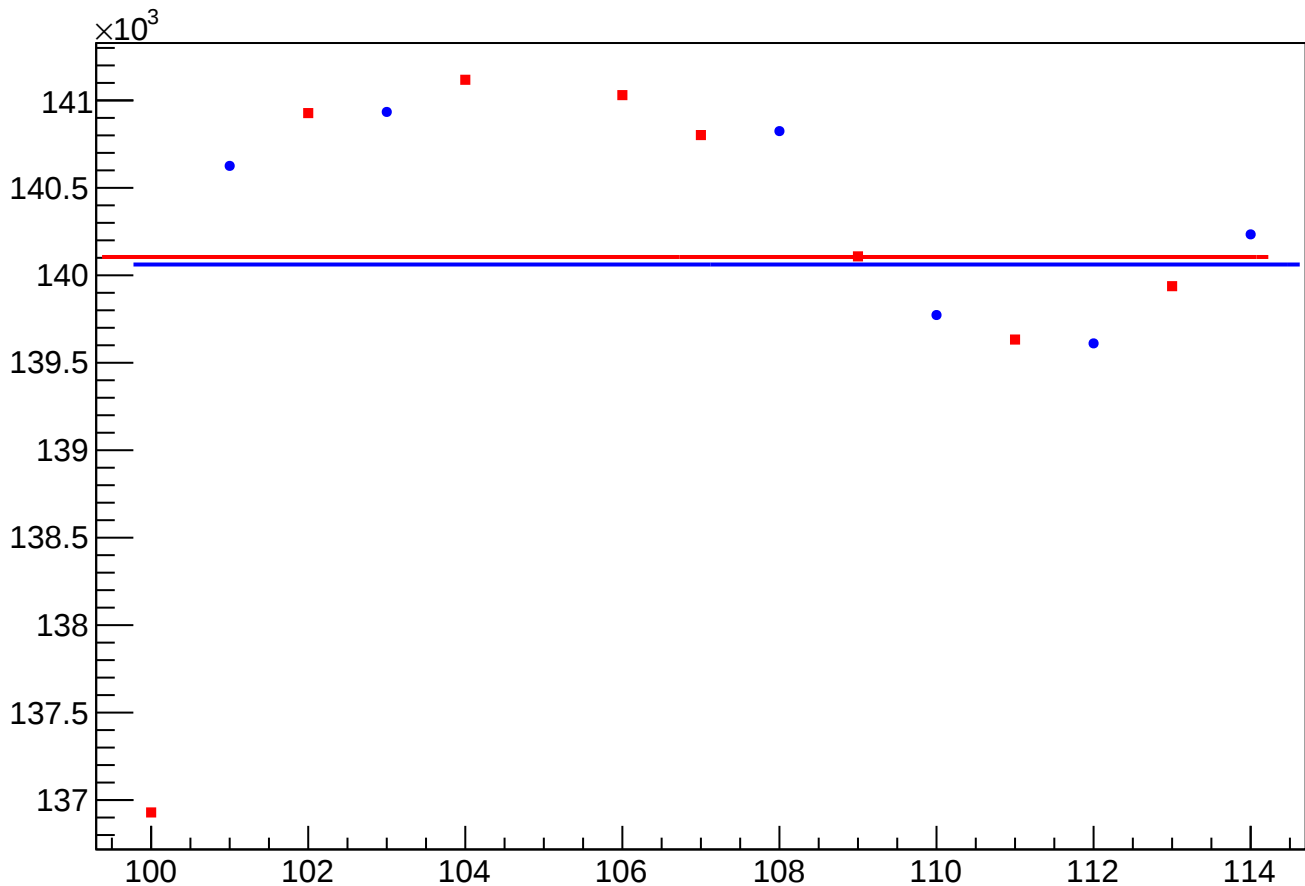
Right: 154.923+/-0.052 χ^2/NDF : 2082310.0/13

In: 159.638+/-0.082 χ^2/NDF : 969590.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

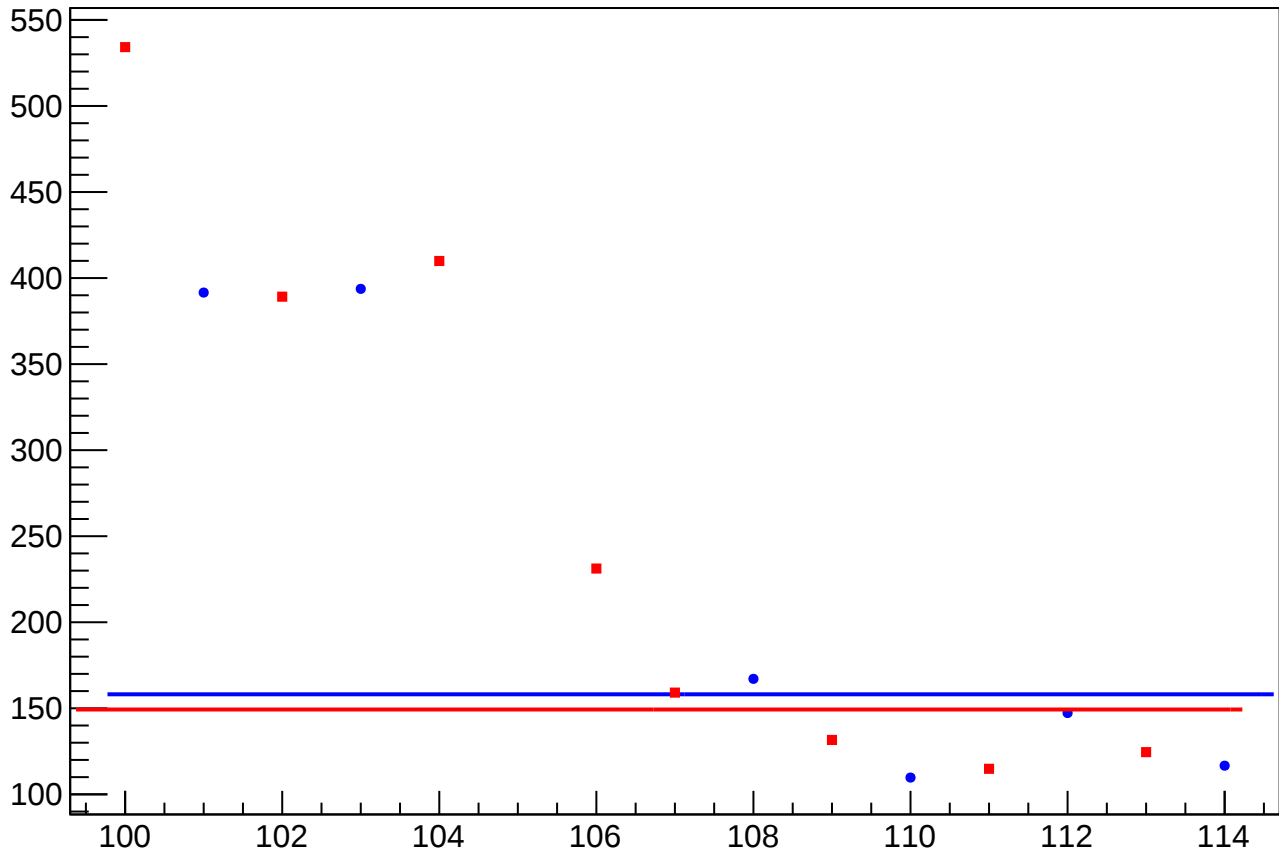
All: 154.923+/-0.052 χ^2/NDF : 2082310.0/13

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: 140061.776 $\pm$ 0.115 χ^2 /NDF: 18223985.3/5
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 140104.757 $\pm$ 0.094 χ^2 /NDF: 26720092.1/7
 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: 140087.442 $\pm$ 0.073 χ^2 /NDF: 45027623.2/13
 In: 140061.776 $\pm$ 0.115 χ^2 /NDF:18223985.3/5
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 140087.442 $\pm$ 0.073 χ^2 /NDF: 45027623.2/13

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 158.134+/-0.081 χ^2/NDF : 985094.6/5

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

Right Out: 149.303+/-0.067 χ^2/NDF : 1078208.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

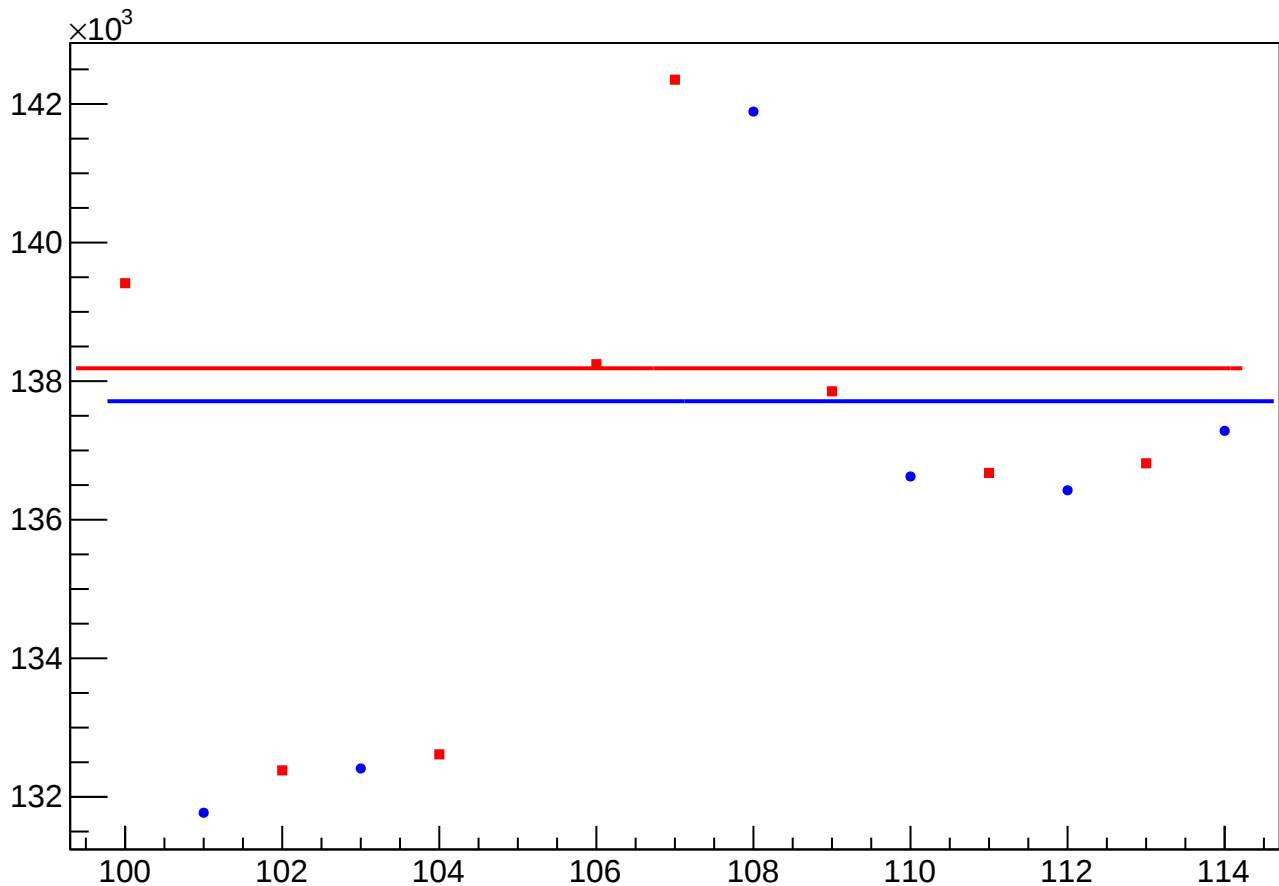
Right: 152.860+/-0.052 χ^2/NDF : 2070357.0/13

In: 158.134+/-0.081 χ^2/NDF : 985094.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.860+/-0.052 χ^2/NDF : 2070357.0/13

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 137710.263+/-0.204 χ^2 /NDF: 345996053.0/5

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

Right: 137985.518+/-0.133 χ^2 /NDF: 688120610.2/1

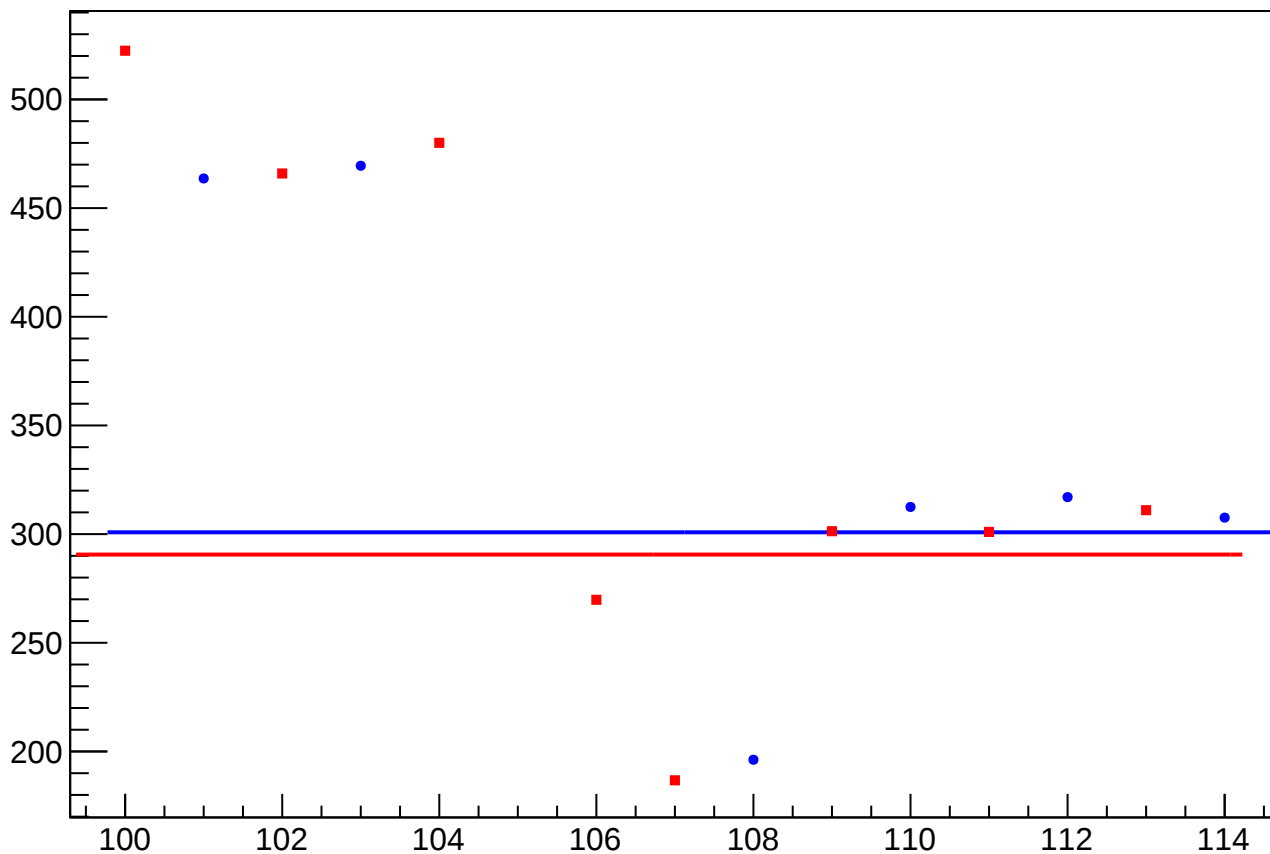
In: 137710.263+/-0.204 χ^2 /NDF: 345996053.0/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 137985.518+/-0.133 χ^2 /NDF: 688120610.2/1

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 300.838+/-0.145 χ^2/NDF : 501820.1/5

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

Right Out: 290.596+/-0.123 χ^2/NDF : 551316.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

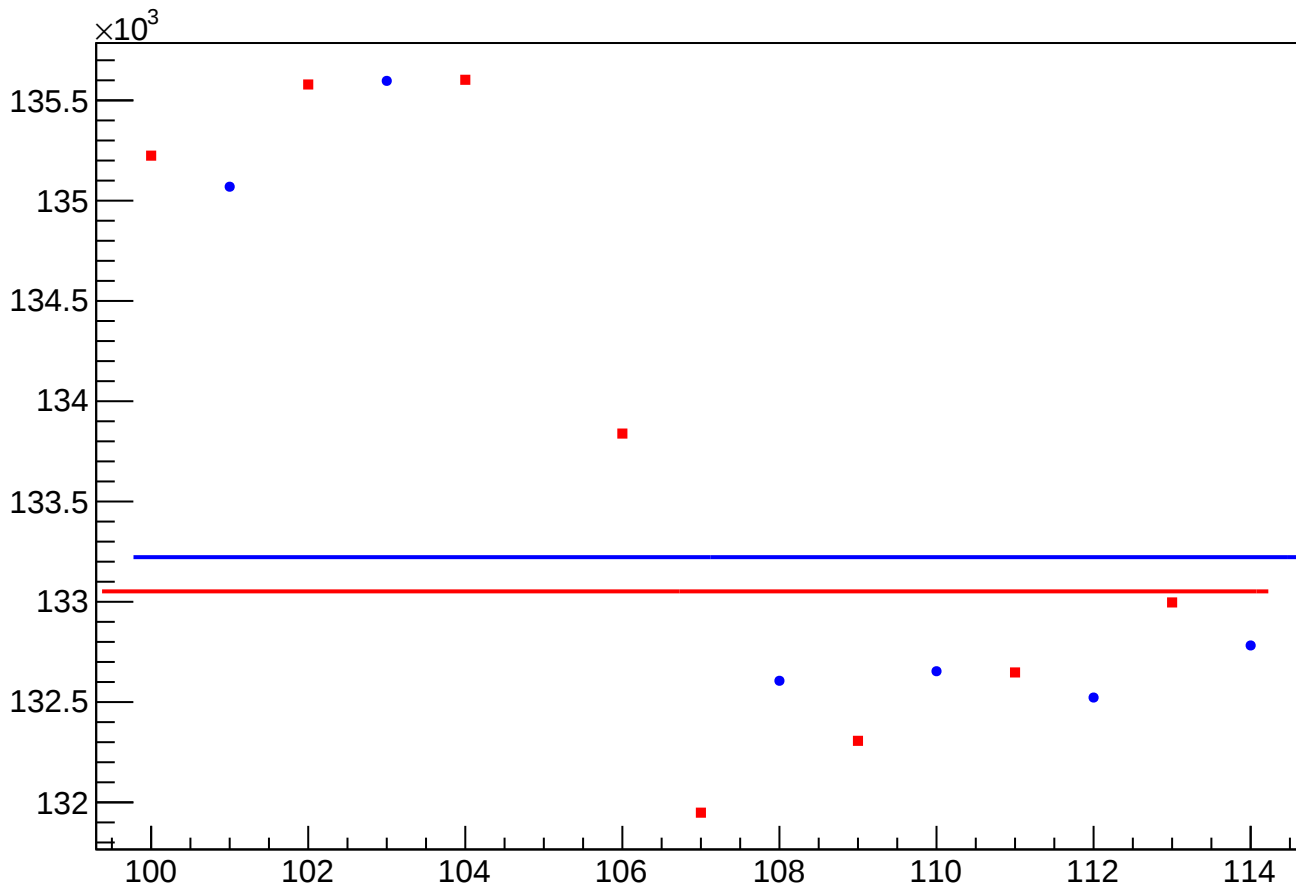
Right: 294.907+/-0.094 χ^2/NDF : 1056043.5/13

In: 300.838+/-0.145 χ^2/NDF : 501820.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 294.907+/-0.094 χ^2/NDF : 1056043.5/13

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 133222.543 $\pm$ 0.164 χ^2 /NDF: 48469376.8/5

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

Right Out: 133051.923 $\pm$ 0.139 χ^2 /NDF: 60511445.6/7

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

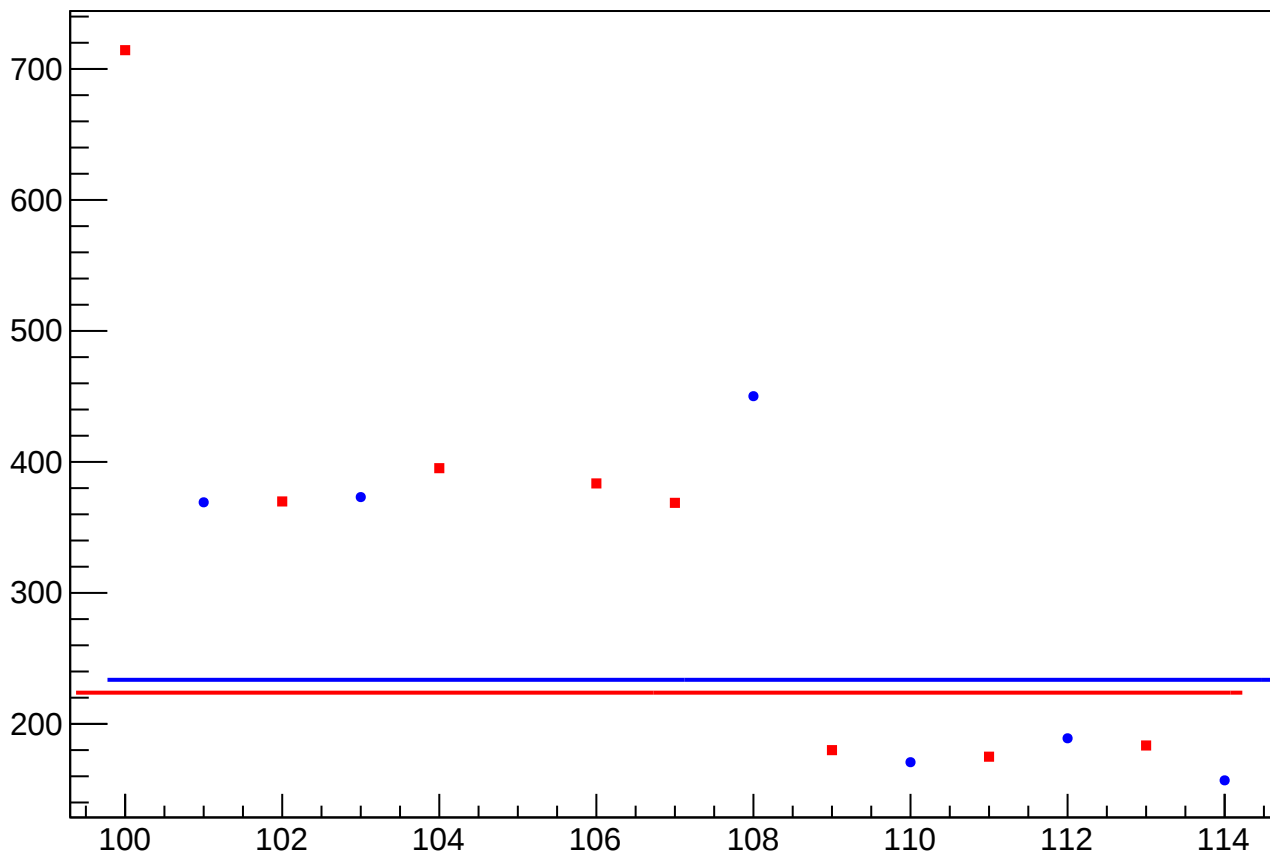
Right: 133123.454 $\pm$ 0.106 χ^2 /NDF: 109612922.1/1

In: 133222.543 $\pm$ 0.164 χ^2 /NDF:48469376.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 133123.454 $\pm$ 0.106 χ^2 /NDF: 109612922.1/1

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 233.654+/-0.116 χ^2/NDF : 676041.3/5

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

Right Out: 223.841+/-0.098 χ^2/NDF : 764932.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

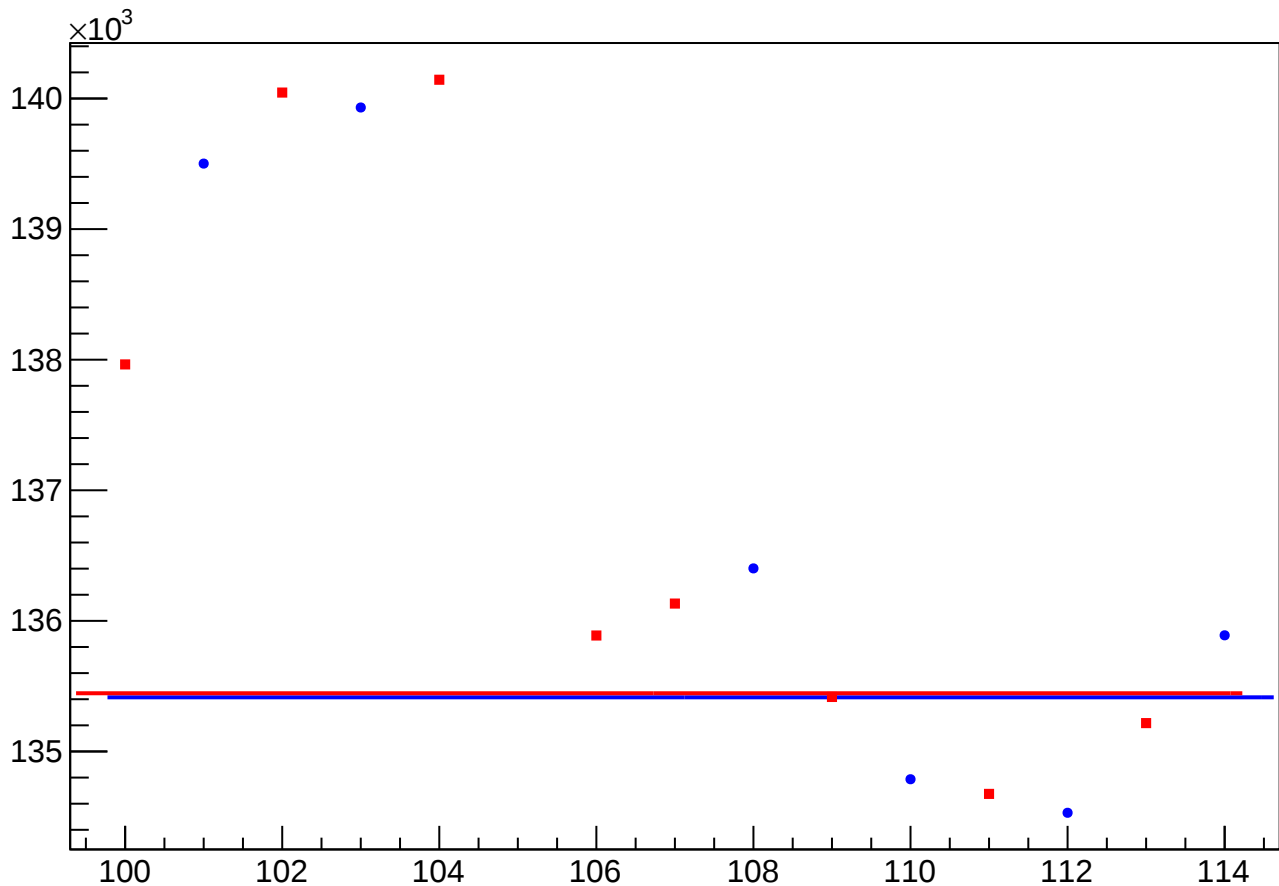
Right: 227.955+/-0.075 χ^2/NDF : 1445155.7/13

In: 233.654+/-0.116 χ^2/NDF : 676041.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.955+/-0.075 χ^2/NDF : 1445155.7/13

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 135414.558+/-0.088 χ^2 /NDF: 227693740.4/5

Right: 135432.832+/-0.056 χ^2 /NDF: 420998225.8/1

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

Right Out: 135445.714+/-0.074 χ^2 /NDF: 193230449.7/7

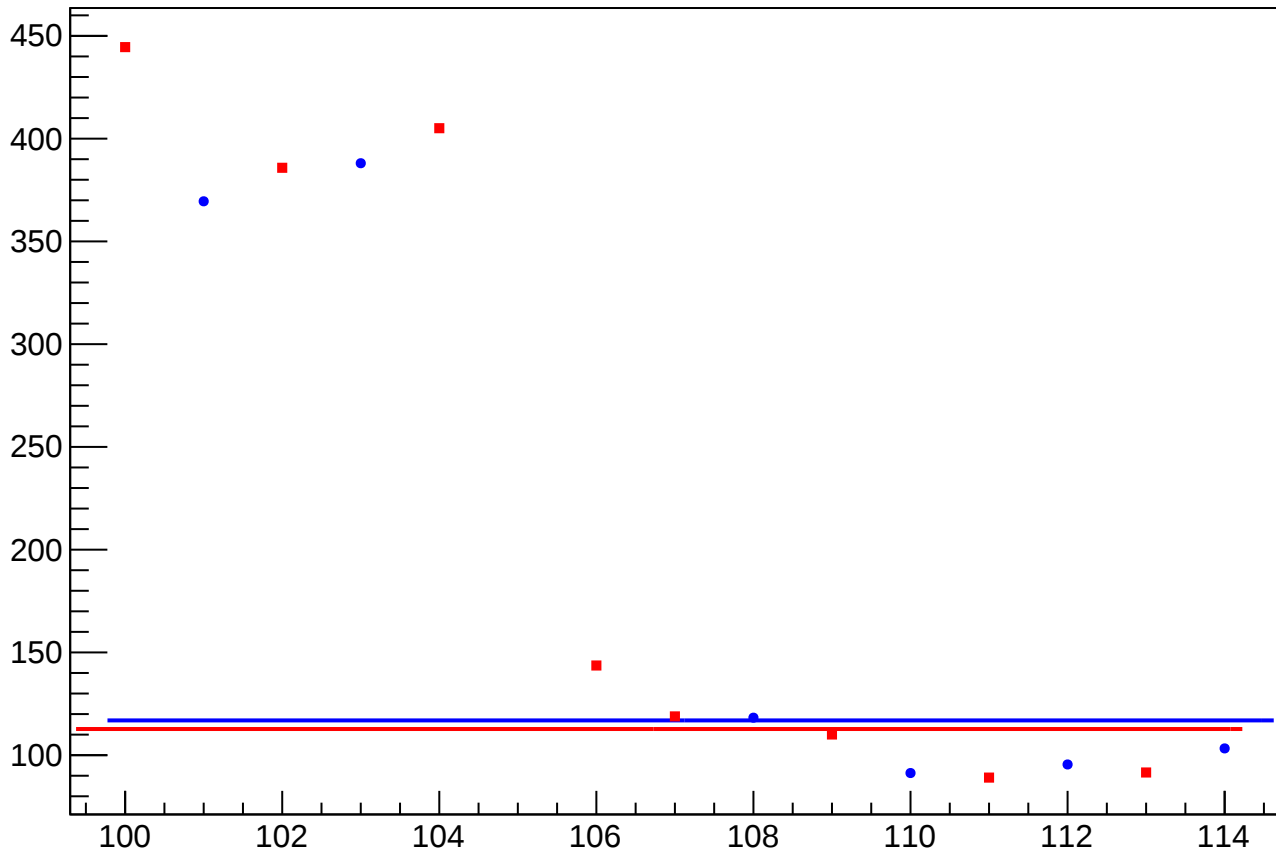
In: 135414.558+/-0.088 χ^2 /NDF: 227693740.4/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 135432.832+/-0.056 χ^2 /NDF: 420998225.8/1

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 116.922 $\pm$ 0.062 χ^2 /NDF: 1199347.3/5

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

Right Out: 112.733 $\pm$ 0.052 χ^2 /NDF: 1261992.9/7

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

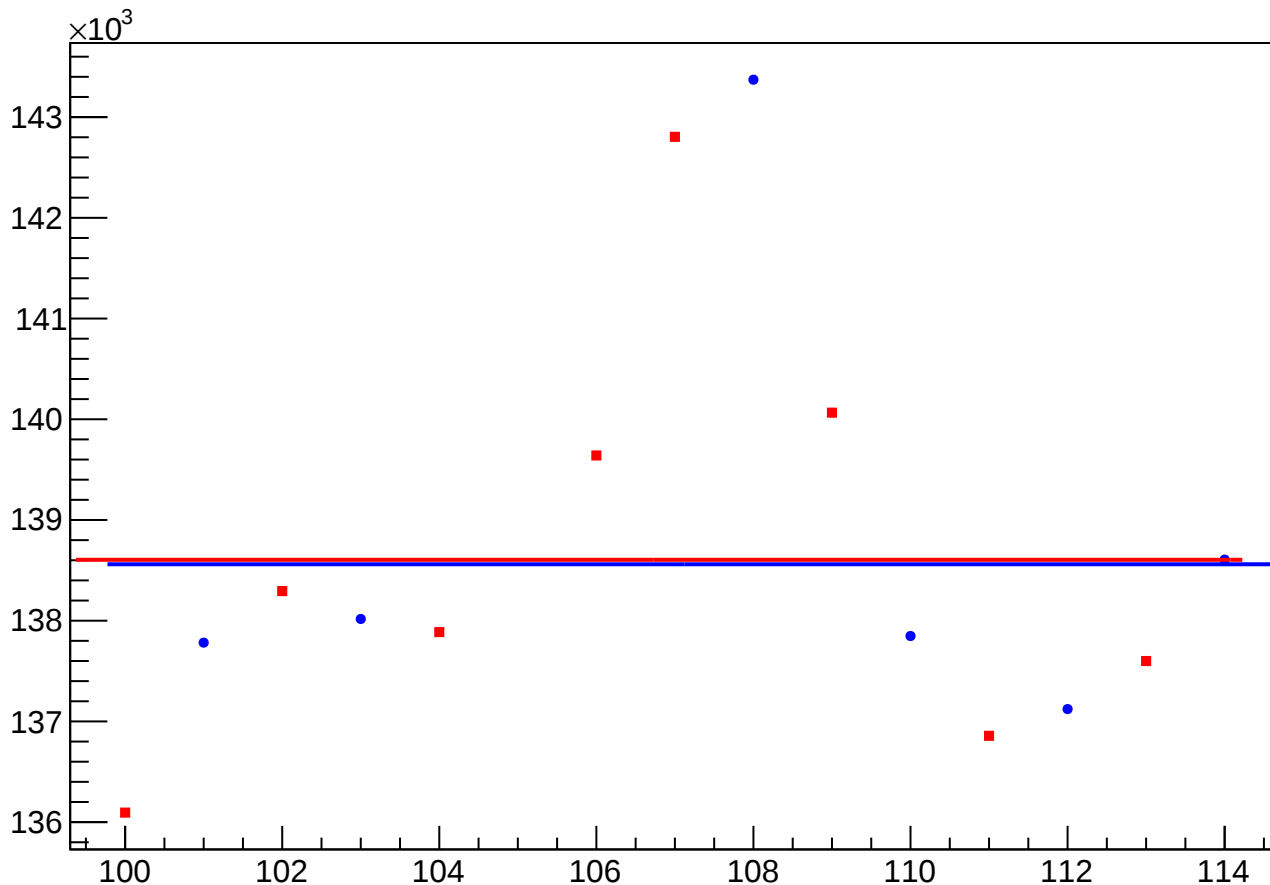
Right: 114.465 $\pm$ 0.040 χ^2 /NDF: 2464016.6/13

In: 116.922 $\pm$ 0.062 χ^2 /NDF:1199347.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 114.465 $\pm$ 0.040 χ^2 /NDF: 2464016.6/13

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 138560.336+/-0.108 χ^2 /NDF: 380421768.3/5

Right: 138586.660+/-0.069 χ^2 /NDF: 823794300.2/1

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

Right Out: 138604.699+/-0.089 χ^2 /NDF: 443272477.0/7

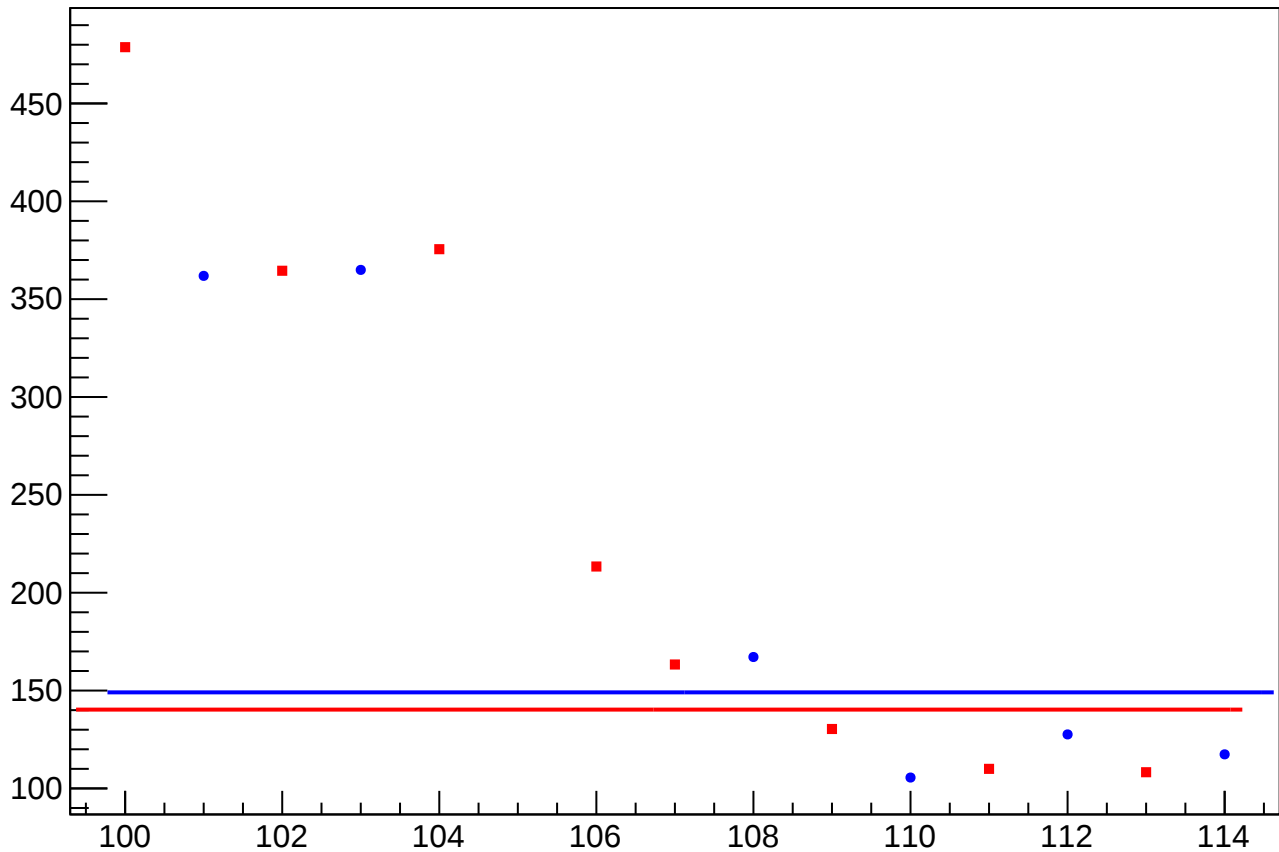
In: 138560.336+/-0.108 χ^2 /NDF: 380421768.3/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 138586.660+/-0.069 χ^2 /NDF: 823794300.2/1

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 149.082 $\pm$ 0.076 χ^2 /NDF: 964322.0/5

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

Right Out: 140.274 $\pm$ 0.063 χ^2 /NDF: 1077279.5/7

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

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

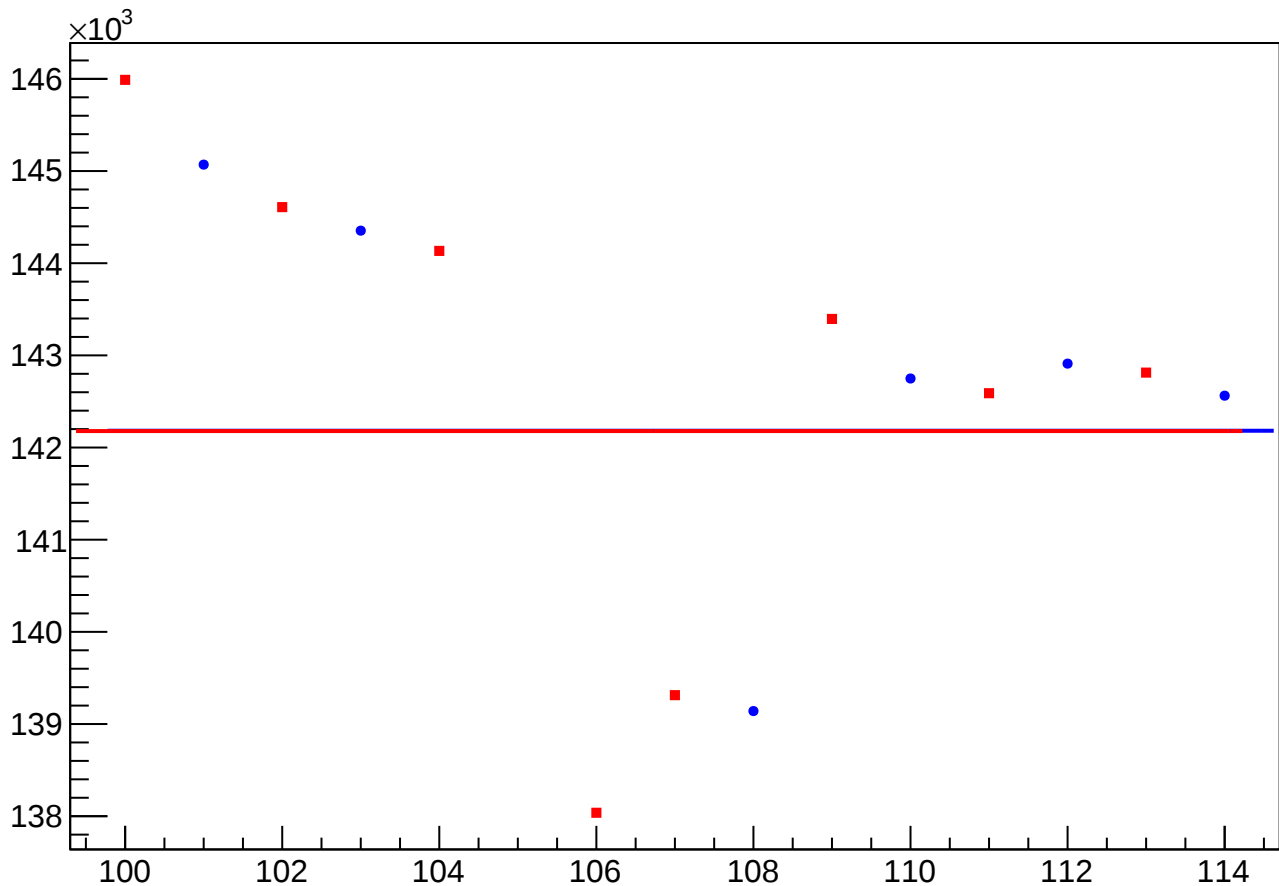
Right: 143.856 $\pm$ 0.049 χ^2 /NDF: 2049490.8/13

In: 149.082 $\pm$ 0.076 χ^2 /NDF:964322.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 143.856 $\pm$ 0.049 χ^2 /NDF: 2049490.8/13

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 142180.079+/-0.072 χ^2 /NDF: 587190524.4/1

In: 142182.246+/-0.115 χ^2 /NDF: 235729160.1/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 142180.079+/-0.072 χ^2 /NDF: 587190524.4/1

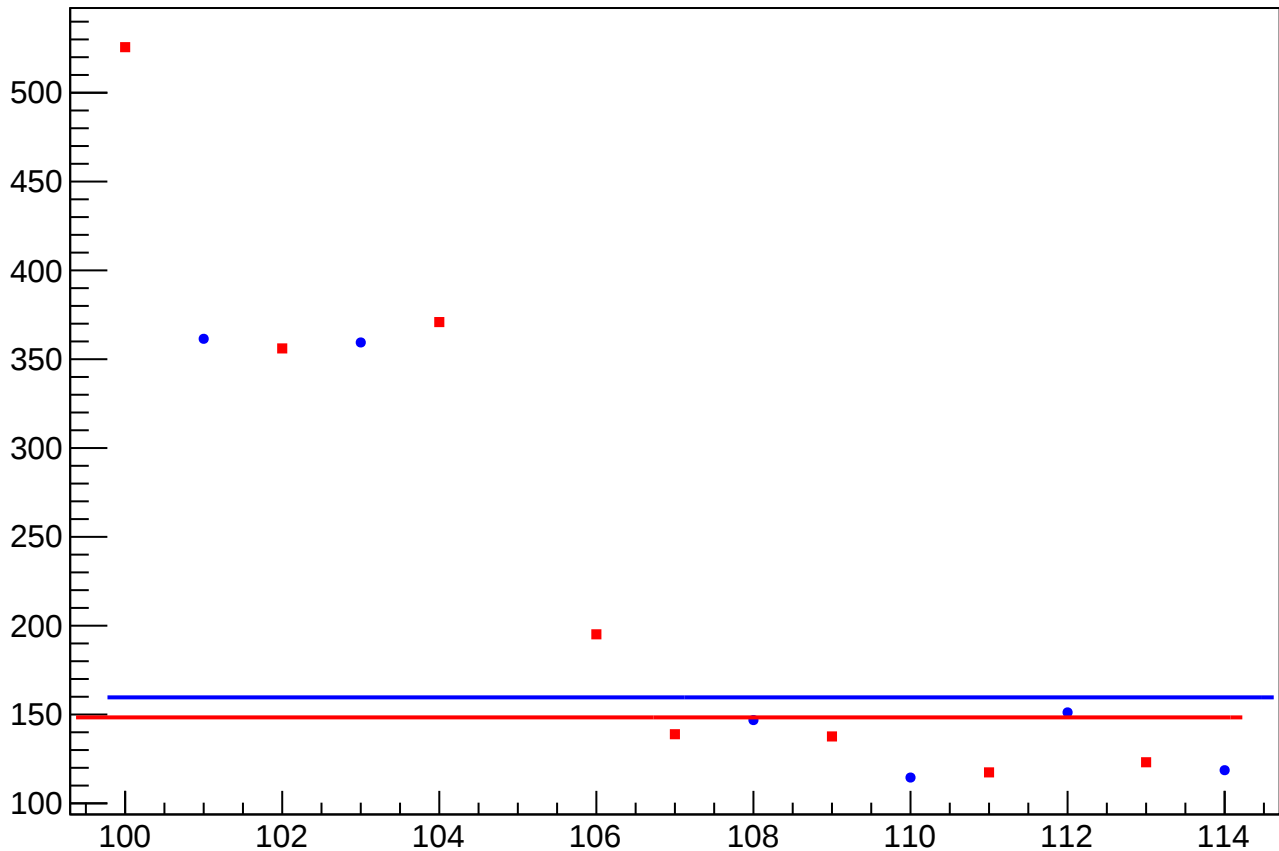
Right In: 142182.246+/-0.115 χ^2 /NDF: 235729160.1/5

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

Right Out: 142178.646+/-0.093 χ^2 /NDF: 351460771.0/7

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

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 159.654+/-0.081 χ^2/NDF : 848445.1/5

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

Right Out: 148.383+/-0.066 χ^2/NDF : 925994.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

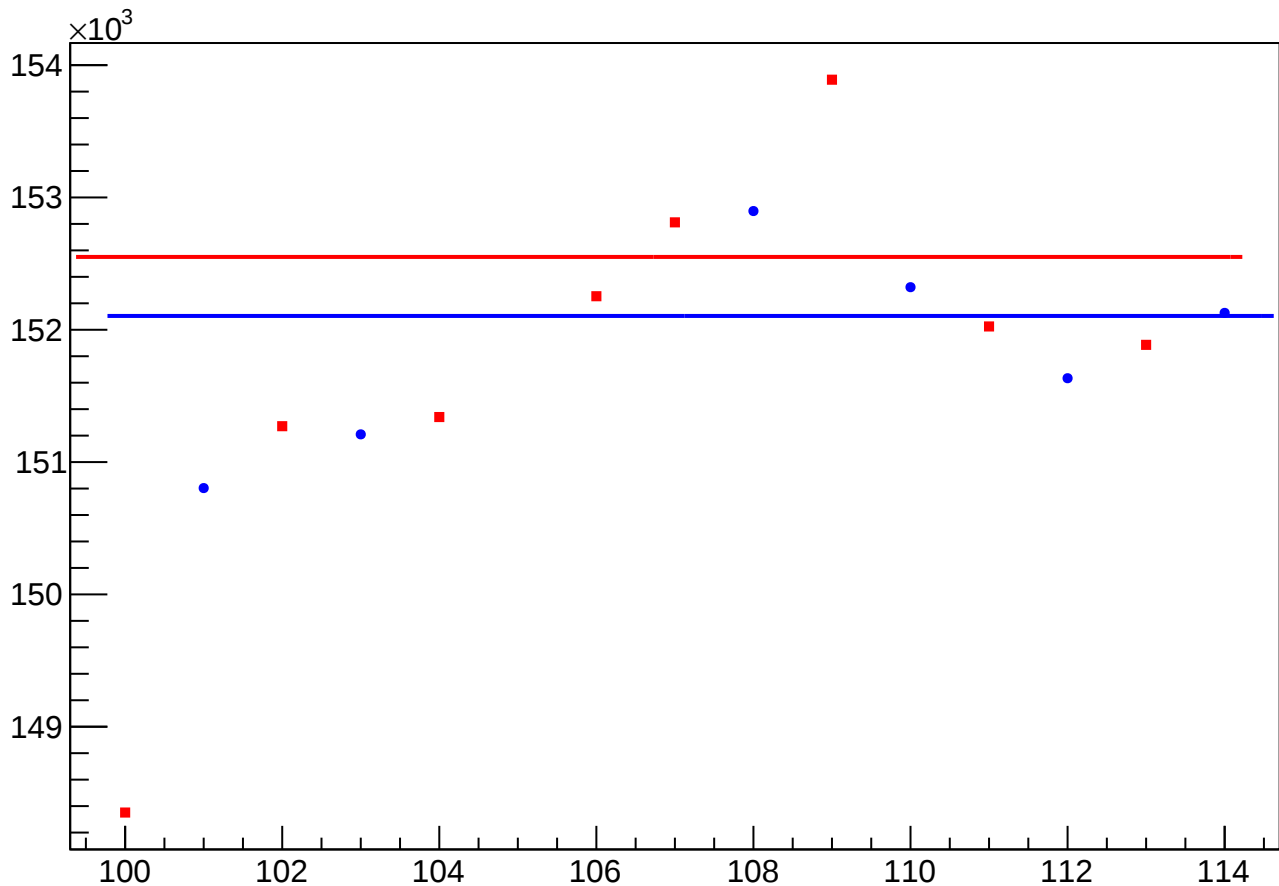
Right: 152.868+/-0.051 χ^2/NDF : 1786068.6/13

In: 159.654+/-0.081 χ^2/NDF : 848445.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.868+/-0.051 χ^2/NDF : 1786068.6/13

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 152369.875+/-0.080 χ^2 /NDF: 103312848.2/1

In: 152104.498+/-0.126 χ^2 /NDF: 22565350.1/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 152369.875+/-0.080 χ^2 /NDF: 103312848.2/1

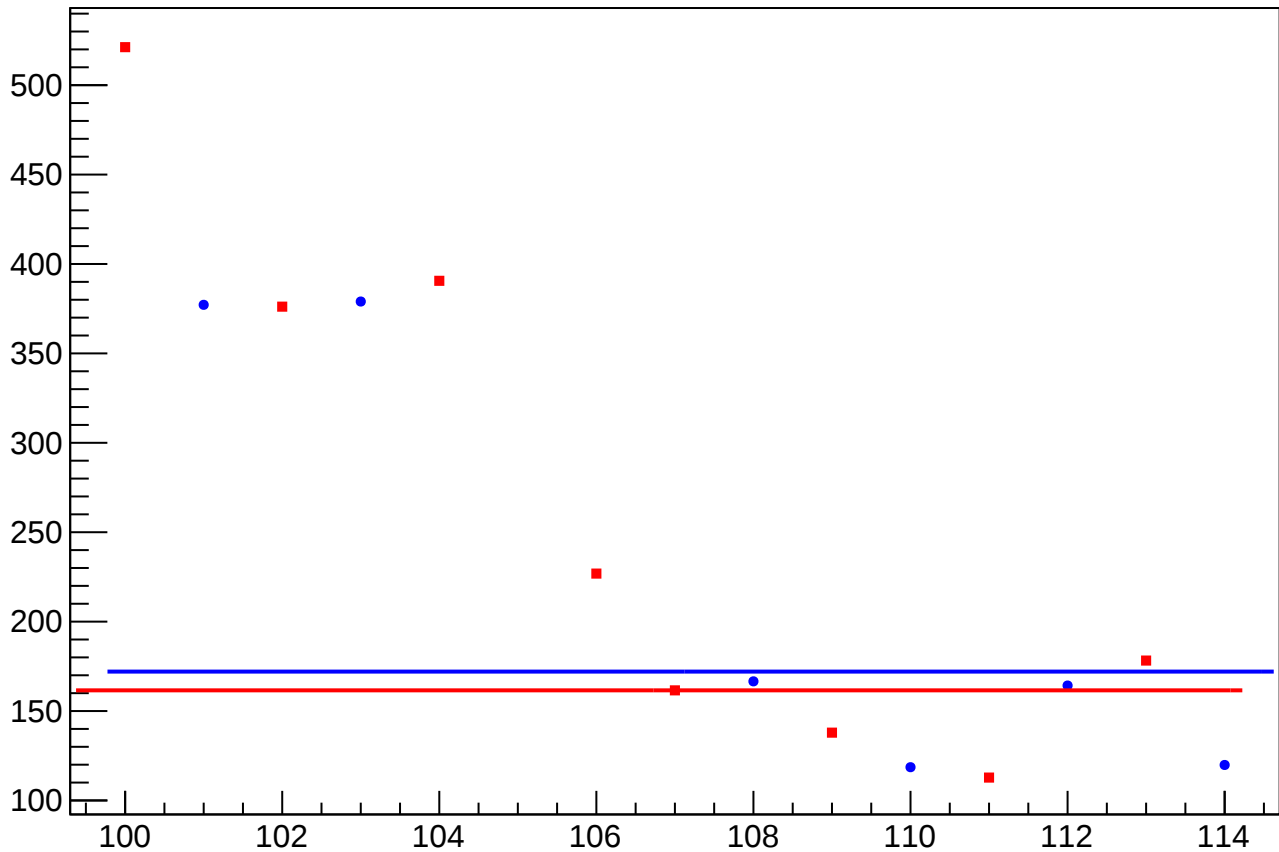
Right In: 152104.498+/-0.126 χ^2 /NDF: 22565350.1/5

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

Right Out: 152550.520+/-0.104 χ^2 /NDF: 73294001.1/7

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

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 172.062 $\pm$ 0.089 χ^2 /NDF: 844604.0/5

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

Right Out: 161.575 $\pm$ 0.074 χ^2 /NDF: 986680.4/7

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

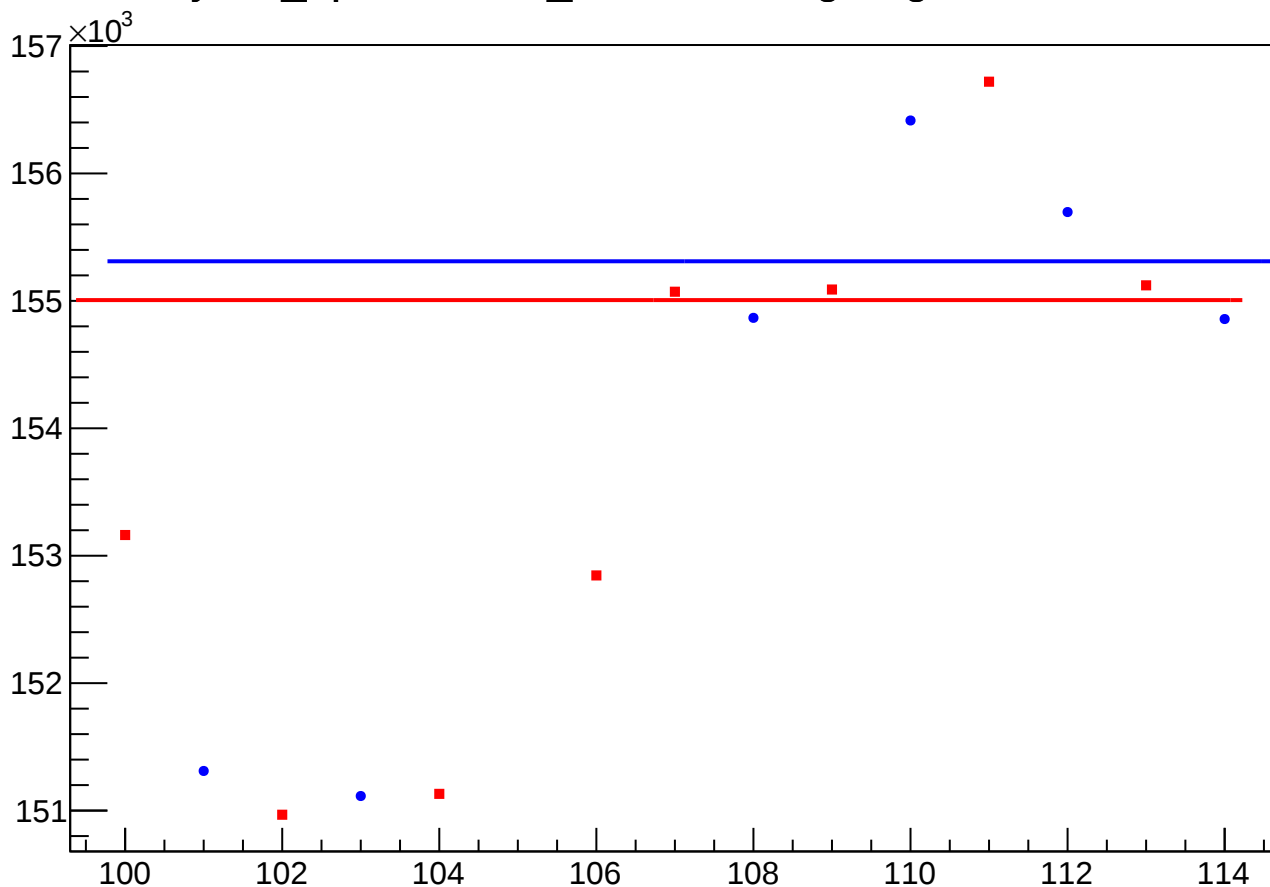
Right: 165.822 $\pm$ 0.057 χ^2 /NDF: 1839524.6/13

In: 172.062 $\pm$ 0.089 χ^2 /NDF:844604.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 165.822 $\pm$ 0.057 χ^2 /NDF: 1839524.6/13

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 155310.731+/-0.109 χ^2 /NDF: 154625280.1/5

Right: 155126.335+/-0.069 χ^2 /NDF: 407207386.9/1

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

Right Out: 155006.101+/-0.088 χ^2 /NDF: 247885179.1/7

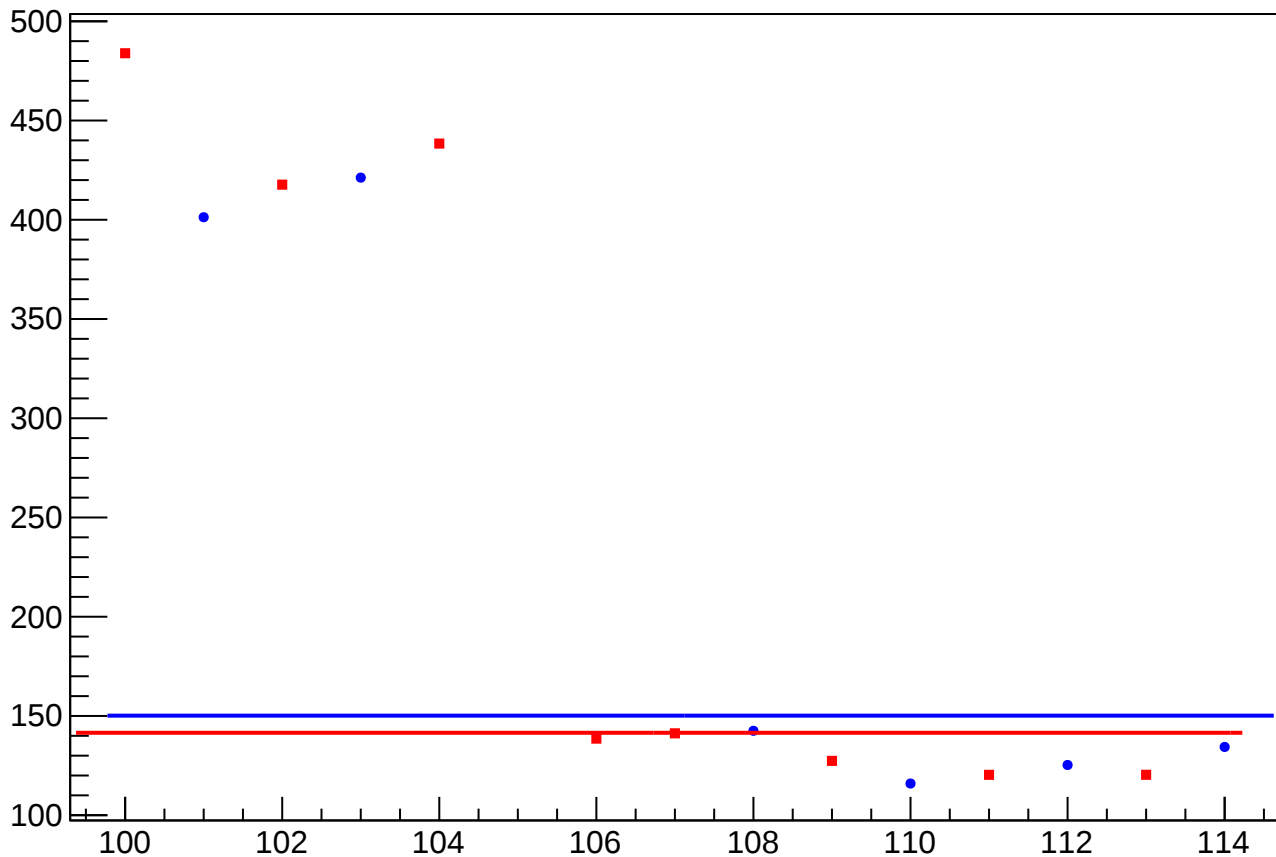
In: 155310.731+/-0.109 χ^2 /NDF: 154625280.1/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 155126.335+/-0.069 χ^2 /NDF: 407207386.9/1

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 150.158+/-0.077 χ^2/NDF : 1026546.9/5

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

Right Out: 141.530+/-0.062 χ^2/NDF : 1063452.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

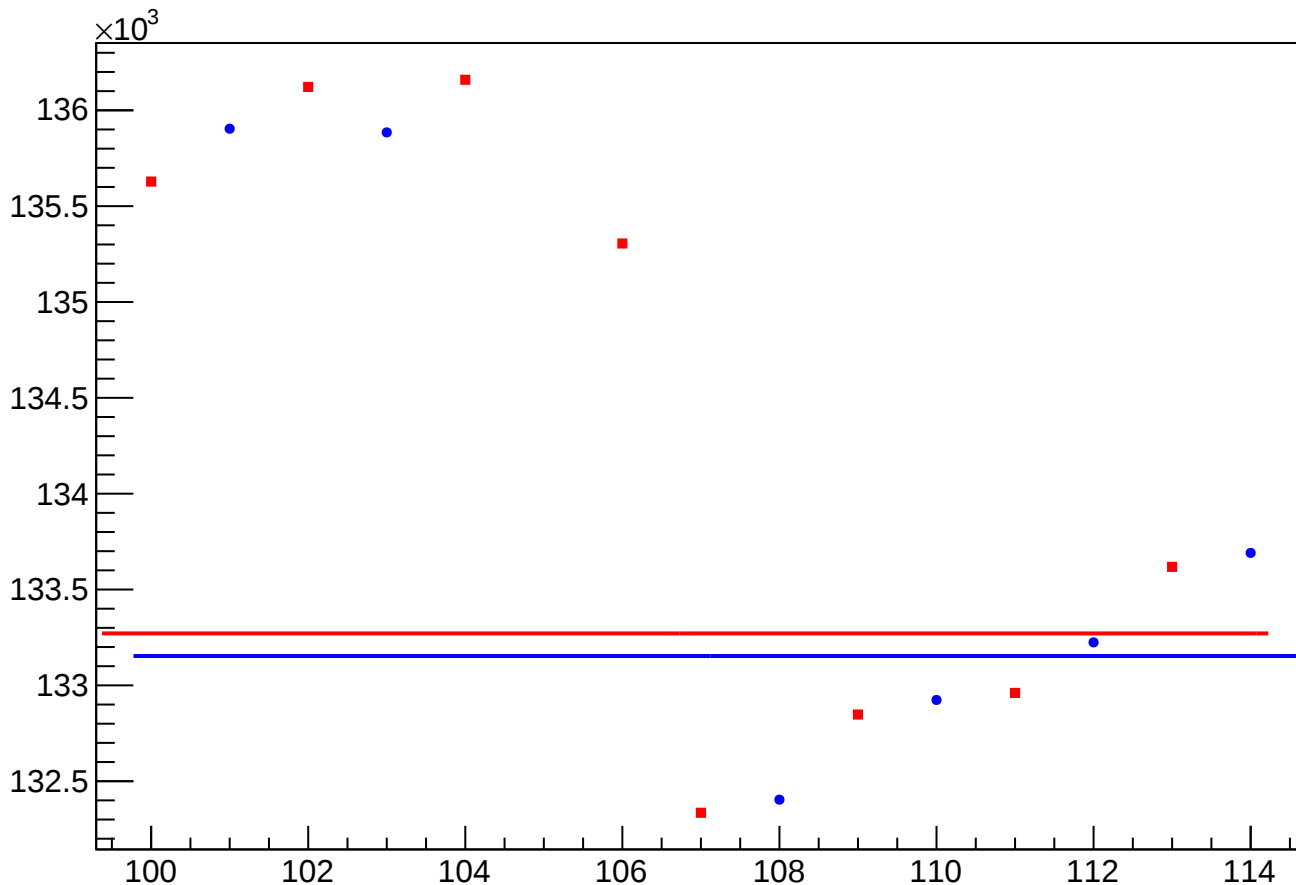
Right: 144.936+/-0.049 χ^2/NDF : 2097534.7/13

In: 150.158+/-0.077 χ^2/NDF : 1026546.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.936+/-0.049 χ^2/NDF : 2097534.7/13

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 133222.311+/-0.052 χ^2 /NDF: 239248878.6/1

In: 133153.051+/-0.081 χ^2 /NDF: 85965499.9/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 133222.311+/-0.052 χ^2 /NDF: 239248878.6/1

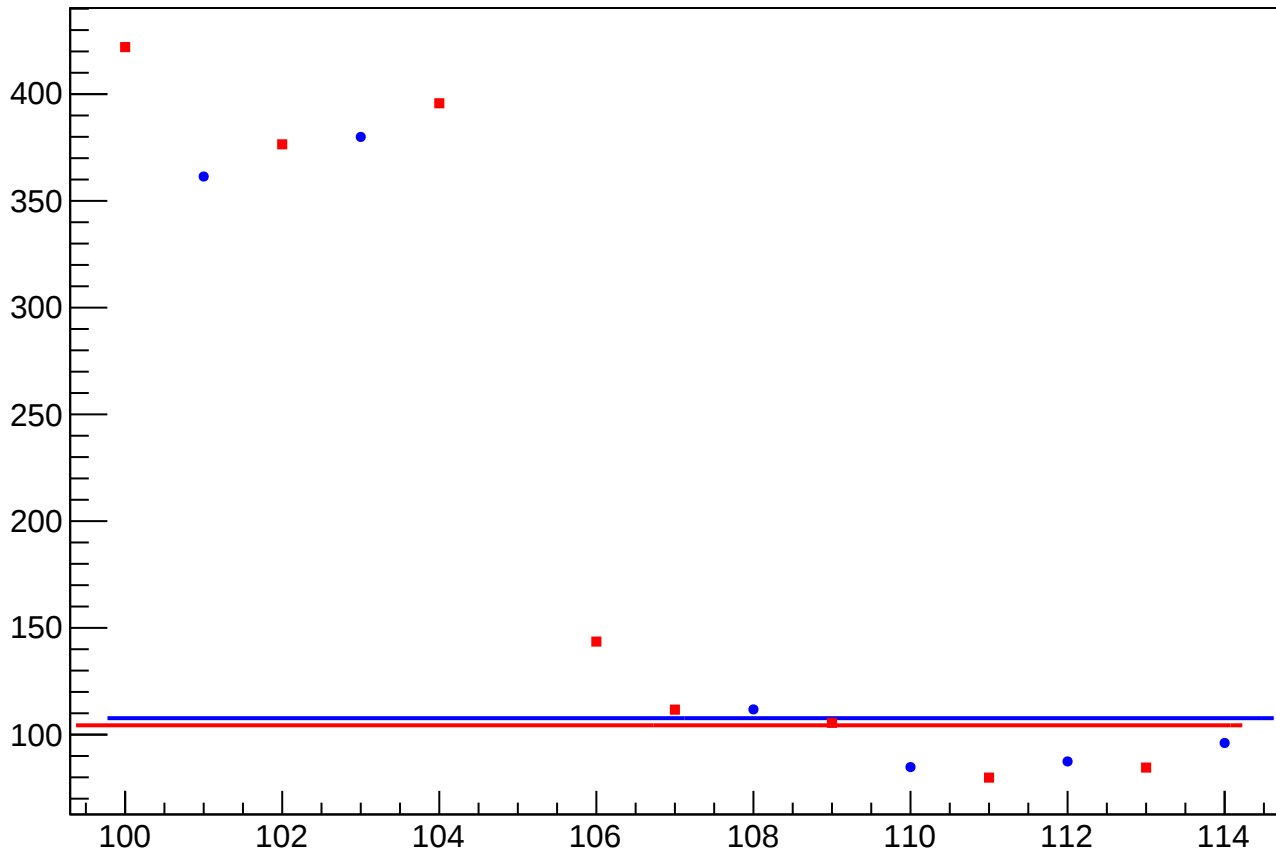
Right In: 133153.051+/-0.081 χ^2 /NDF: 85965499.9/5

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

Right Out: 133271.014+/-0.068 χ^2 /NDF: 152044940.6/7

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

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 107.704+/-0.057 χ^2/NDF : 1258227.9/5

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

Right Out: 104.368+/-0.048 χ^2/NDF : 1345625.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

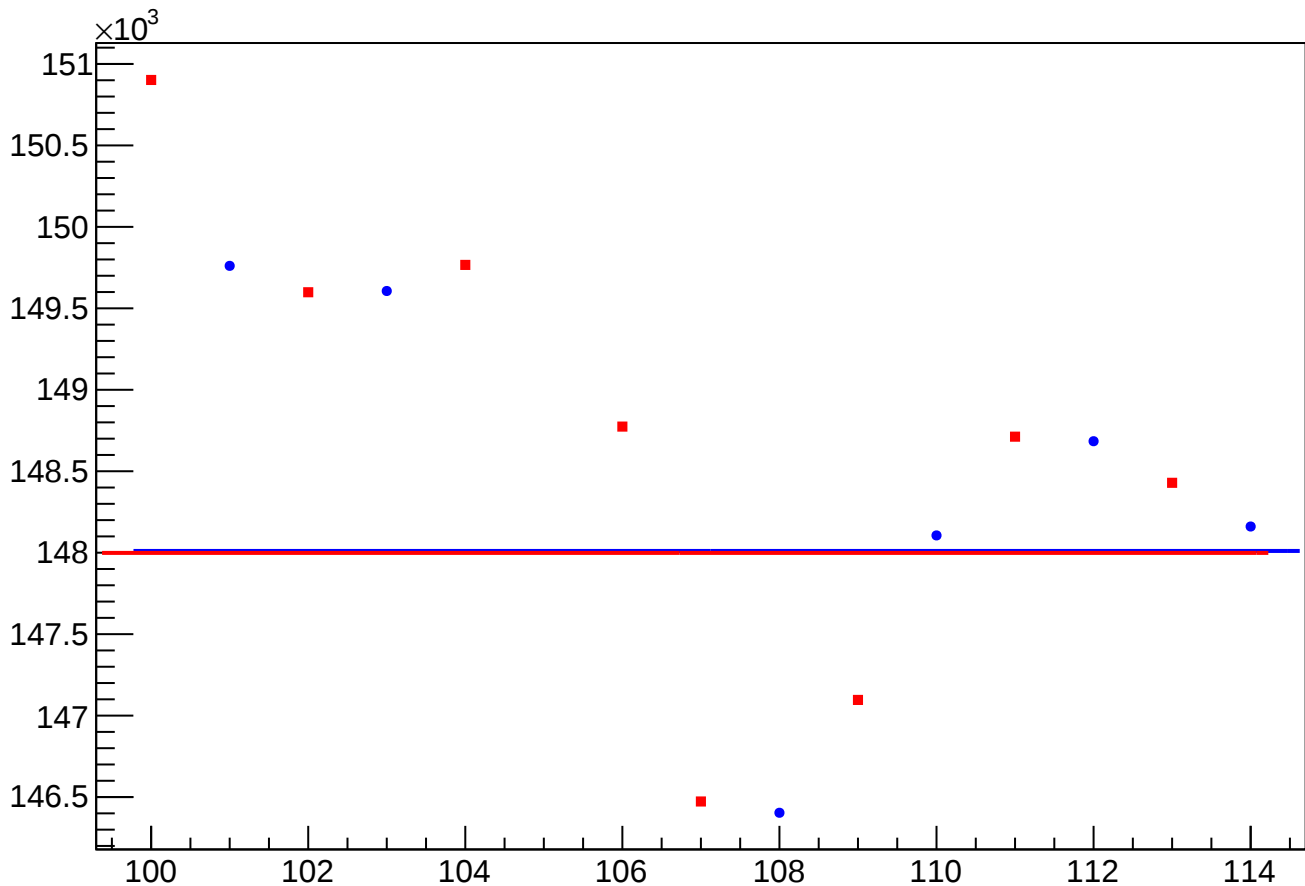
Right: 105.746+/-0.037 χ^2/NDF : 2605834.7/13

In: 107.704+/-0.057 χ^2/NDF : 1258227.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

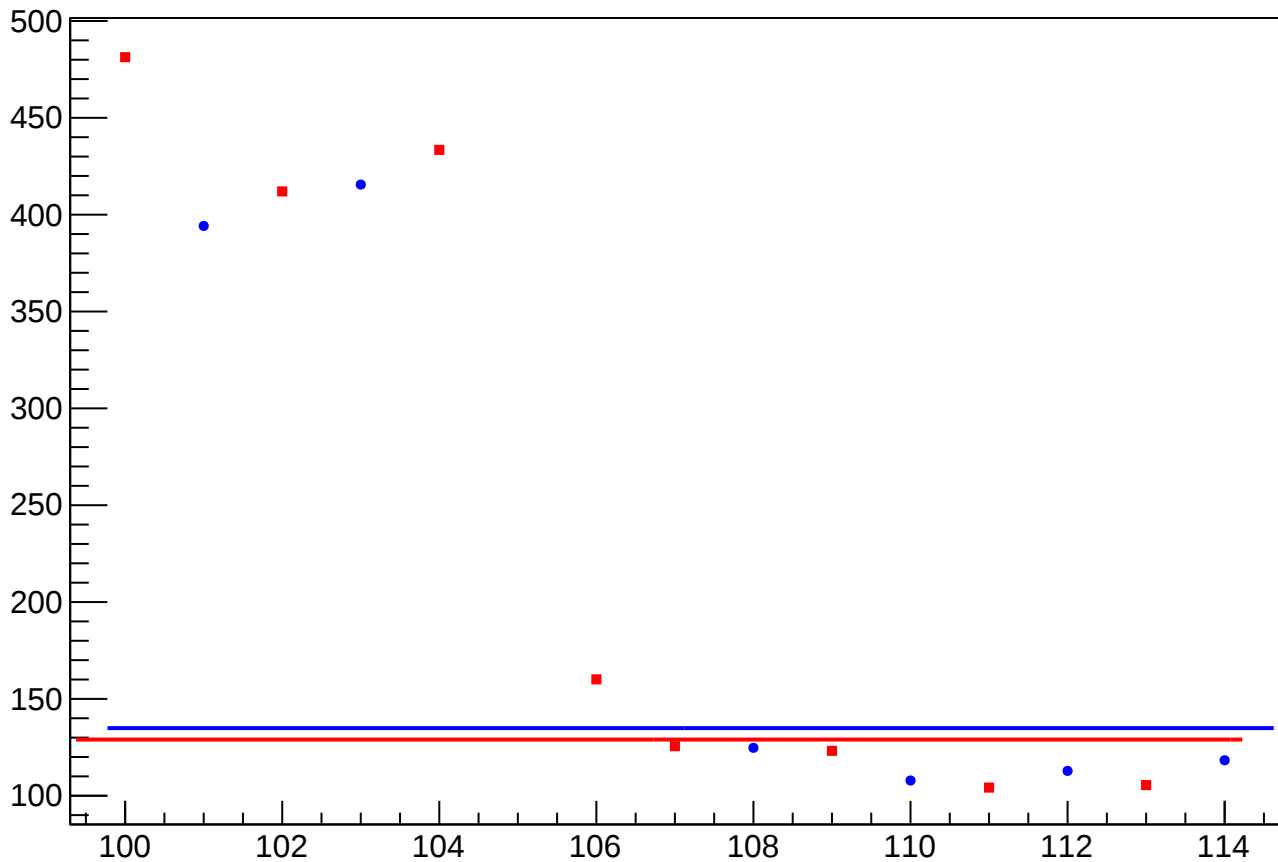
All: 105.746+/-0.037 χ^2/NDF : 2605834.7/13

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 148010.762 $\pm$ 0.099 χ^2 /NDF: 96517528.4/5
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 147998.737 $\pm$ 0.082 χ^2 /NDF: 130266972.6/7
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 148003.601 $\pm$ 0.063 χ^2 /NDF: 226793202.1/11
 In: 148010.762 $\pm$ 0.099 χ^2 /NDF:96517528.4/5
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 134.913+/-0.070 χ^2/NDF : 1108413.8/5

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

Right Out: 129.013+/-0.058 χ^2/NDF : 1188921.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

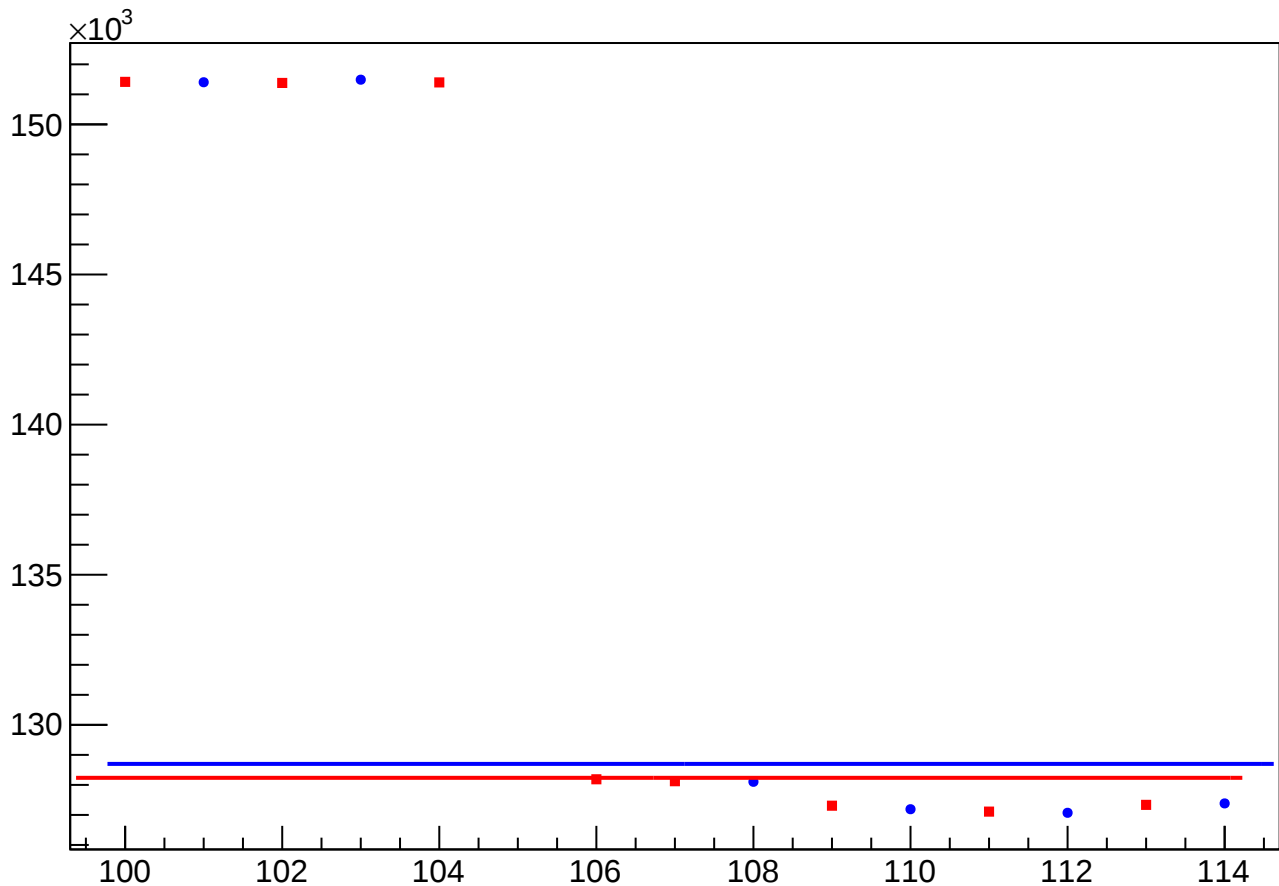
Right: 131.399+/-0.045 χ^2/NDF : 2301524.4/13

In: 134.913+/-0.070 χ^2/NDF : 1108413.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.399+/-0.045 χ^2/NDF : 2301524.4/13

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 128699.723+/-0.088 χ^2 /NDF: 4020911403.1/5

Right: 128422.165+/-0.056 χ^2 /NDF: 7605186406.7/7

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

Right Out: 128236.108+/-0.072 χ^2 /NDF: 3567629644.5/7

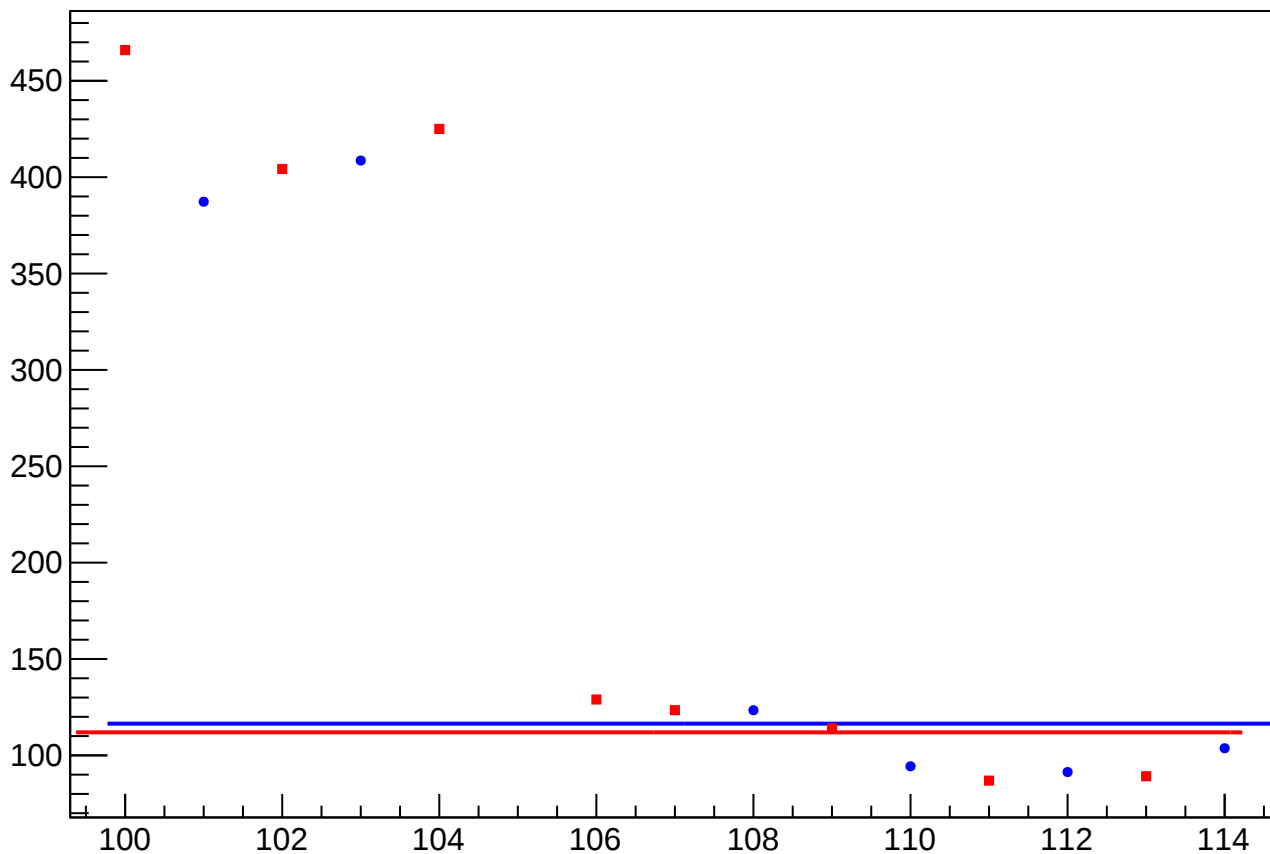
In: 128699.723+/-0.088 χ^2 /NDF: 4020911403.1/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 128422.165+/-0.056 χ^2 /NDF: 7605186406.7/7

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 116.453+/-0.062 χ^2/NDF : 1257809.9/5

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

Right Out: 111.930+/-0.051 χ^2/NDF : 1326299.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

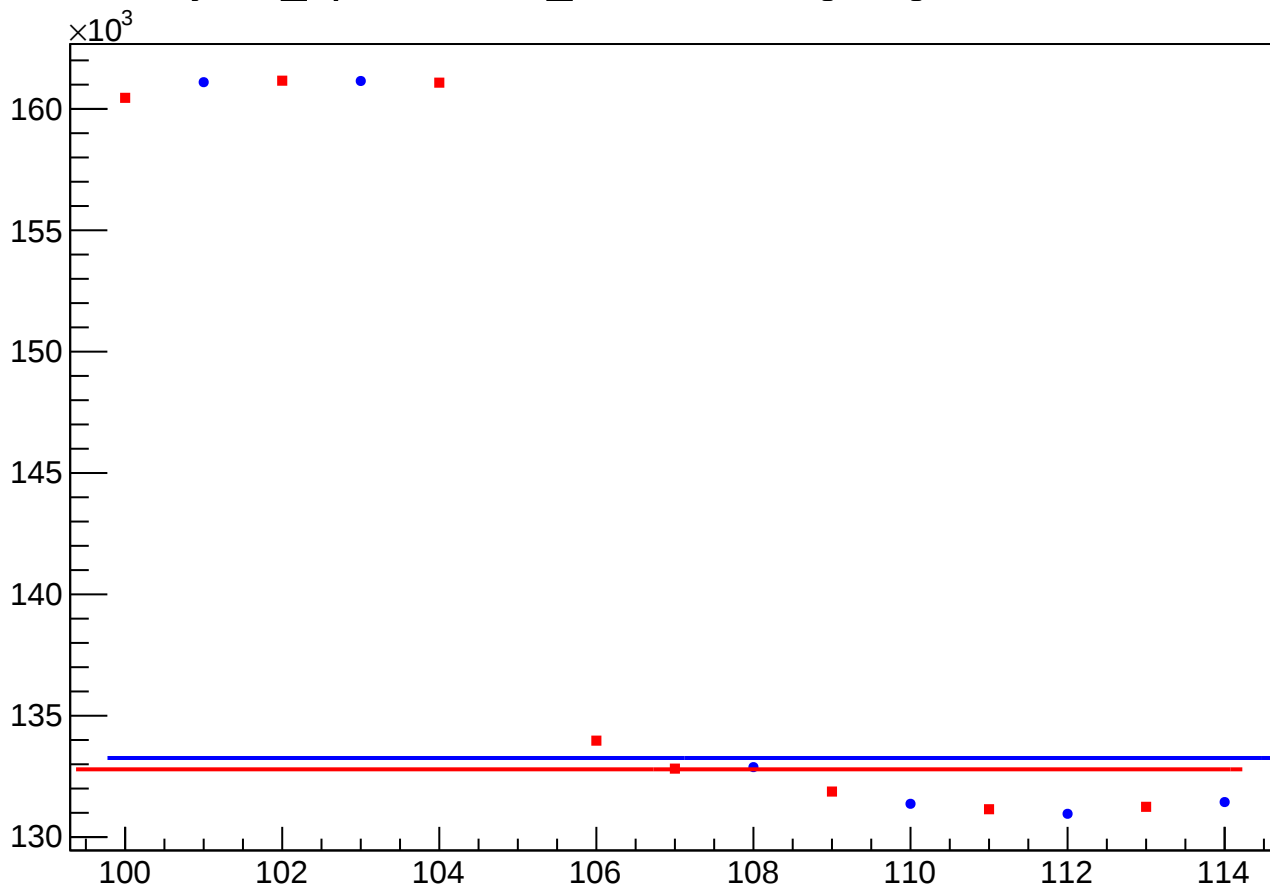
Right: 113.745+/-0.039 χ^2/NDF : 2587277.9/13

In: 116.453+/-0.062 χ^2/NDF : 1257809.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.745+/-0.039 χ^2/NDF : 2587277.9/13

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 133258.707+/-0.094 χ^2 /NDF: 5457443433.9/5

Right: 132976.879+/-0.059 χ^2 /NDF: 10361361416.9

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

Right Out: 132791.723+/-0.076 χ^2 /NDF: 4889093378.3/7

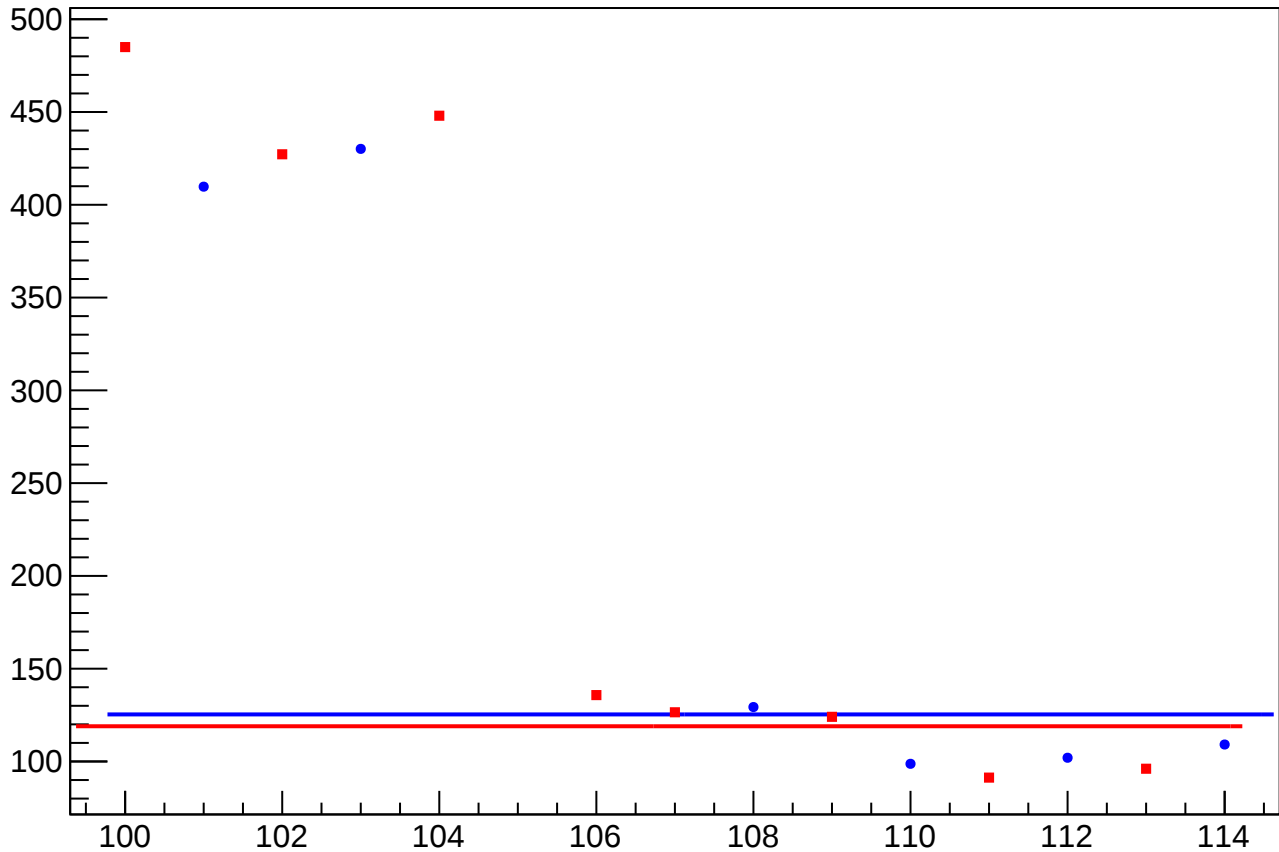
In: 133258.707+/-0.094 χ^2 /NDF: 5457443433.9/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 132976.879+/-0.059 χ^2 /NDF: 10361361416.9

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 125.357+/-0.067 χ^2/NDF : 1232237.3/5

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

Right Out: 118.978+/-0.054 χ^2/NDF : 1316020.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

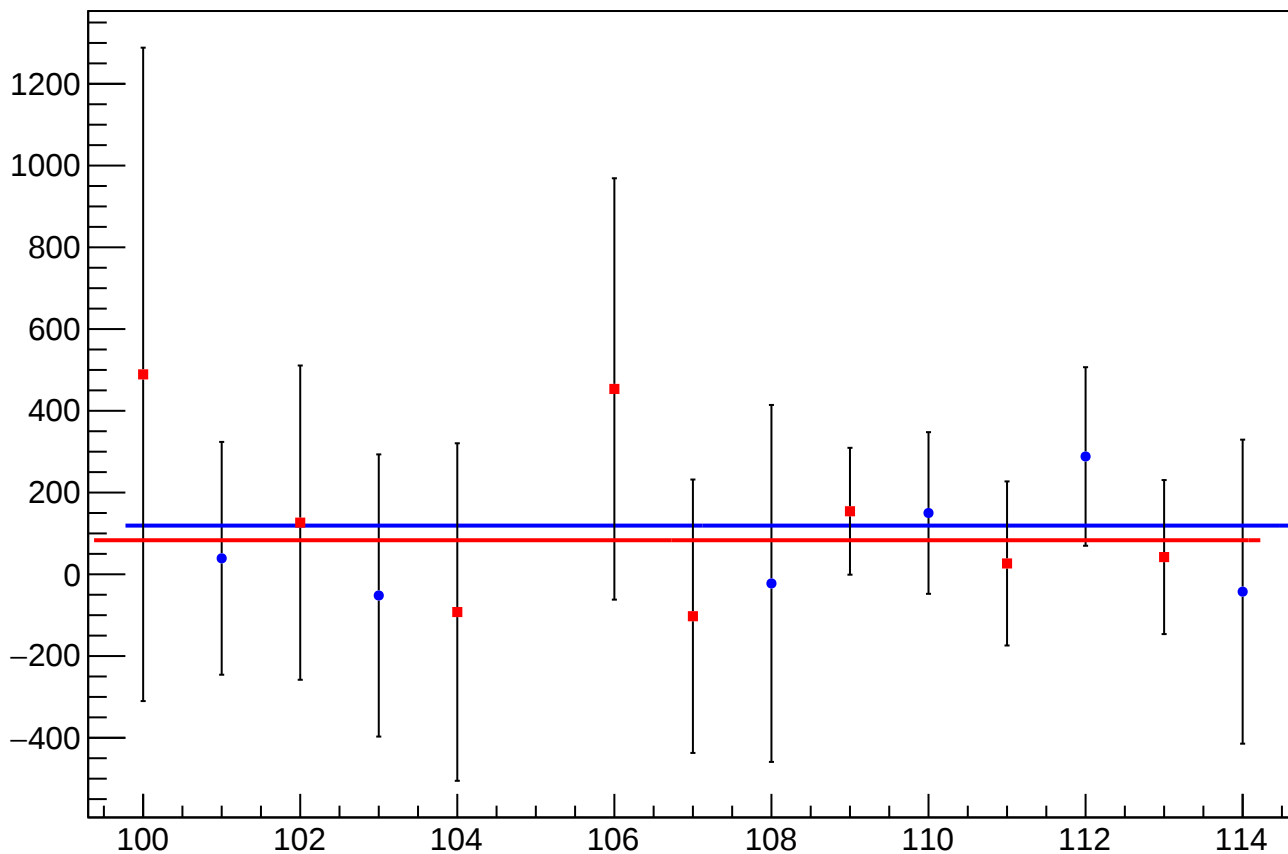
Right: 121.507+/-0.042 χ^2/NDF : 2553791.0/13

In: 125.357+/-0.067 χ^2/NDF : 1232237.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.507+/-0.042 χ^2/NDF : 2553791.0/13

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 119.171+/-111.998 χ^2/NDF : 1.2/5

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

Right Out: 83.360+/-90.758 χ^2/NDF : 1.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

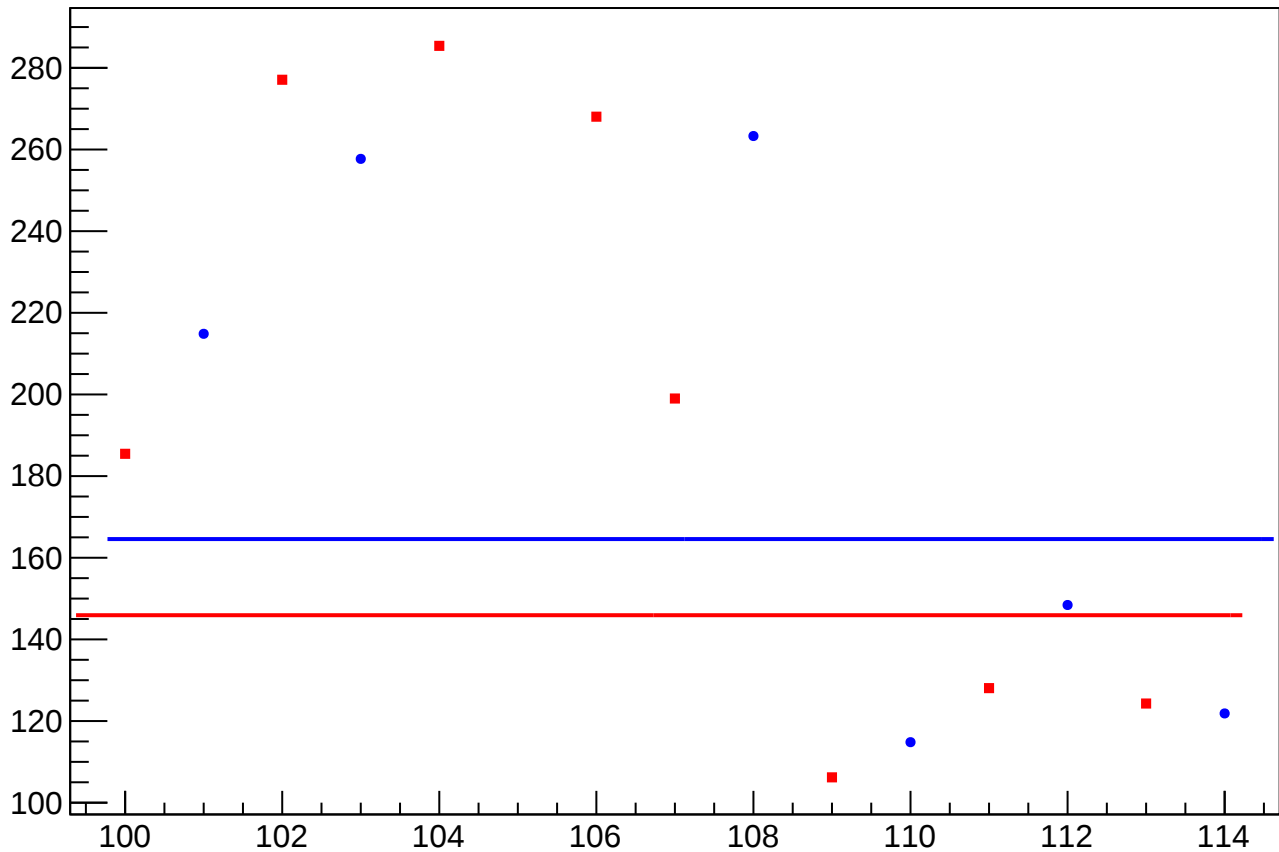
Right: 97.555+/-70.512 χ^2/NDF : 2.9/13

In: 119.171+/-111.998 χ^2/NDF : 1.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.555+/-70.512 χ^2/NDF : 2.9/13

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 164.576+/-0.079 χ^2/NDF : 474039.9/5

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

Right Out: 145.924+/-0.064 χ^2/NDF : 801739.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

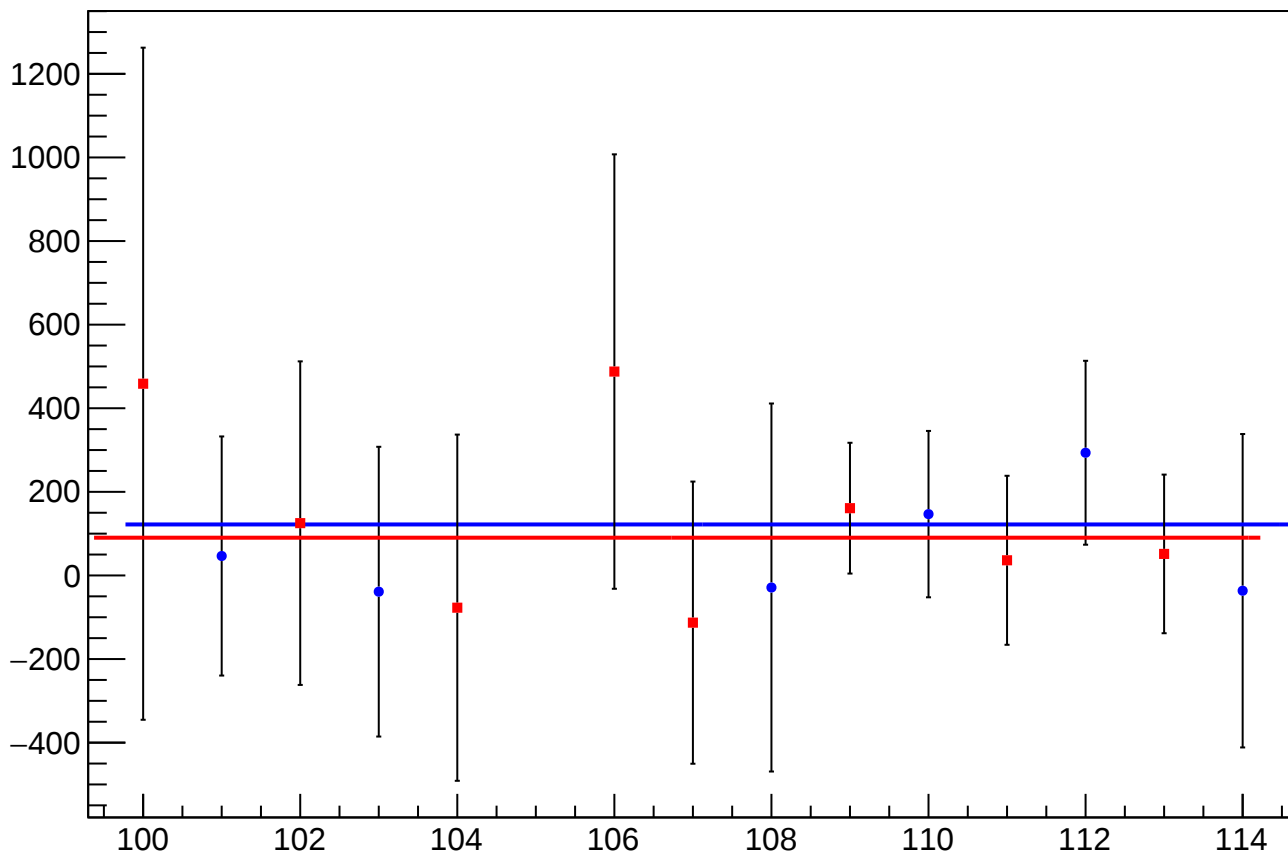
Right: 153.318+/-0.050 χ^2/NDF : 1309262.1/13

In: 164.576+/-0.079 χ^2/NDF : 474039.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.318+/-0.050 χ^2/NDF : 1309262.1/13

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 122.003 $\pm$ 112.700 χ^2 /NDF: 1.2/5

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

Right Out: 90.309 $\pm$ 91.427 χ^2 /NDF: 1.6/7

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

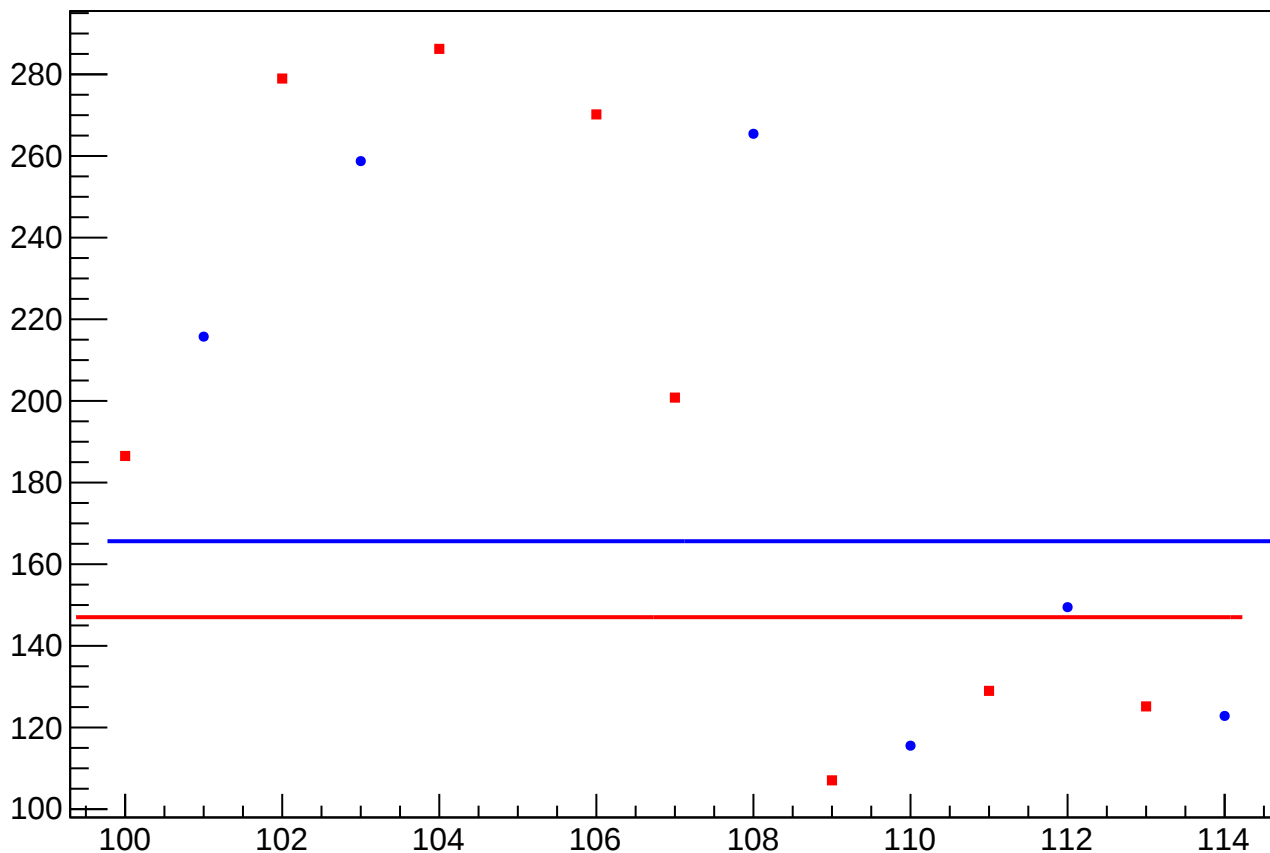
Right: 102.889 $\pm$ 71.001 χ^2 /NDF: 2.9/13

In: 122.003 $\pm$ 112.700 χ^2 /NDF:1.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 102.889 $\pm$ 71.001 χ^2 /NDF: 2.9/13

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 165.633+/-0.080 χ^2/NDF : 472039.9/5

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

Right Out: 147.024+/-0.065 χ^2/NDF : 799455.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

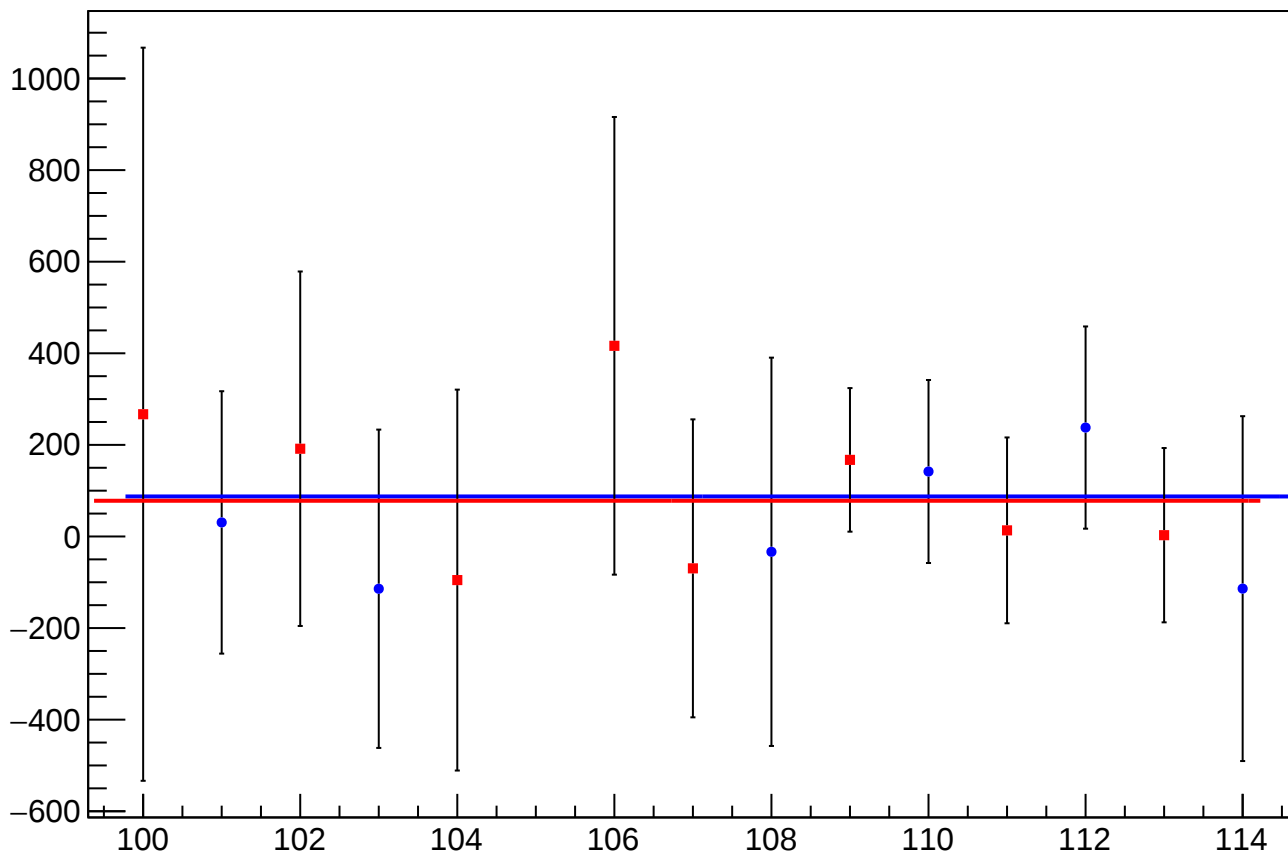
Right: 154.410+/-0.050 χ^2/NDF : 1304381.4/13

In: 165.633+/-0.080 χ^2/NDF : 472039.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.410+/-0.050 χ^2/NDF : 1304381.4/13

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 87.367+/-112.767 χ^2/NDF : 1.3/5

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

Right Out: 77.976+/-91.264 χ^2/NDF : 1.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

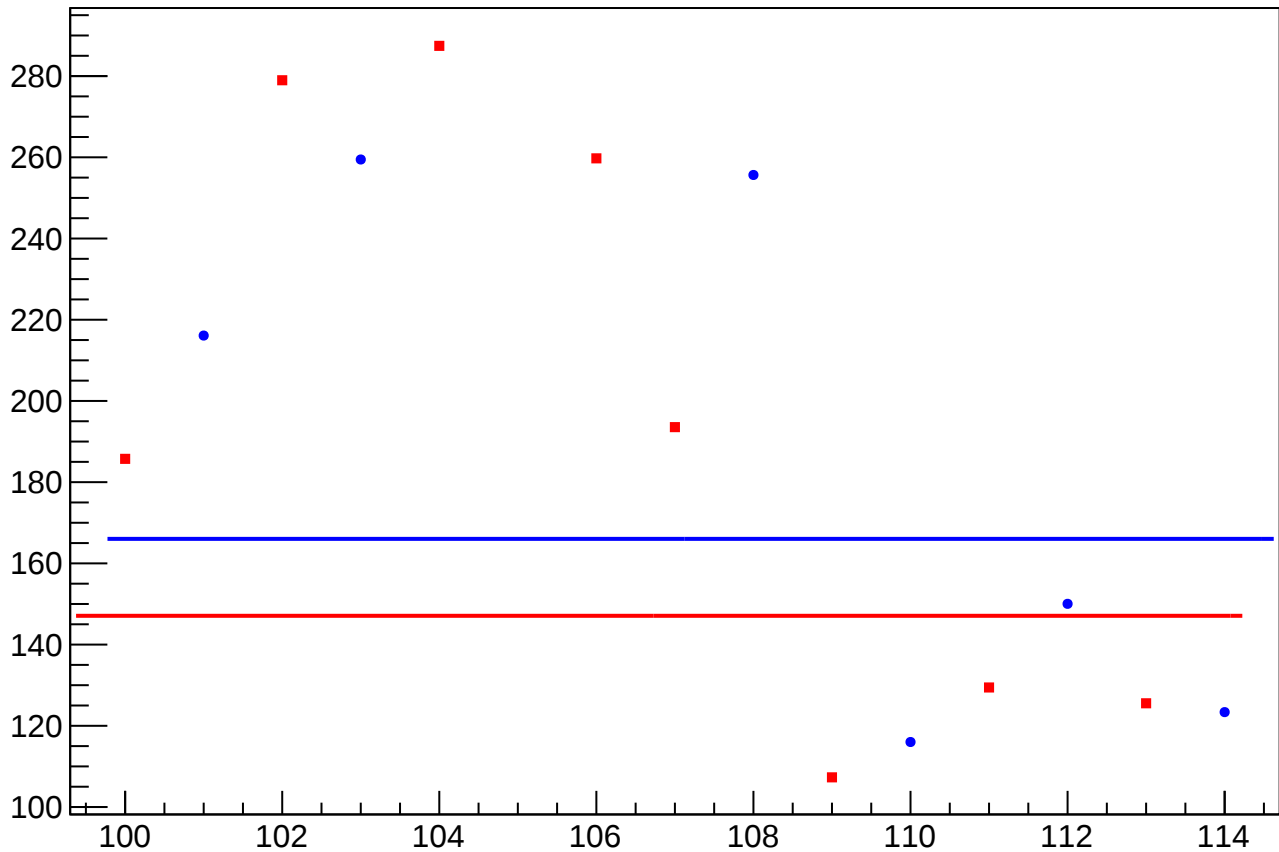
Right: 81.693+/-70.942 χ^2/NDF : 2.8/13

In: 87.367+/-112.767 χ^2/NDF : 1.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.693+/-70.942 χ^2/NDF : 2.8/13

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 166.036+/-0.080 χ^2/NDF : 456482.1/5

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

Right Out: 147.091+/-0.065 χ^2/NDF : 776720.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

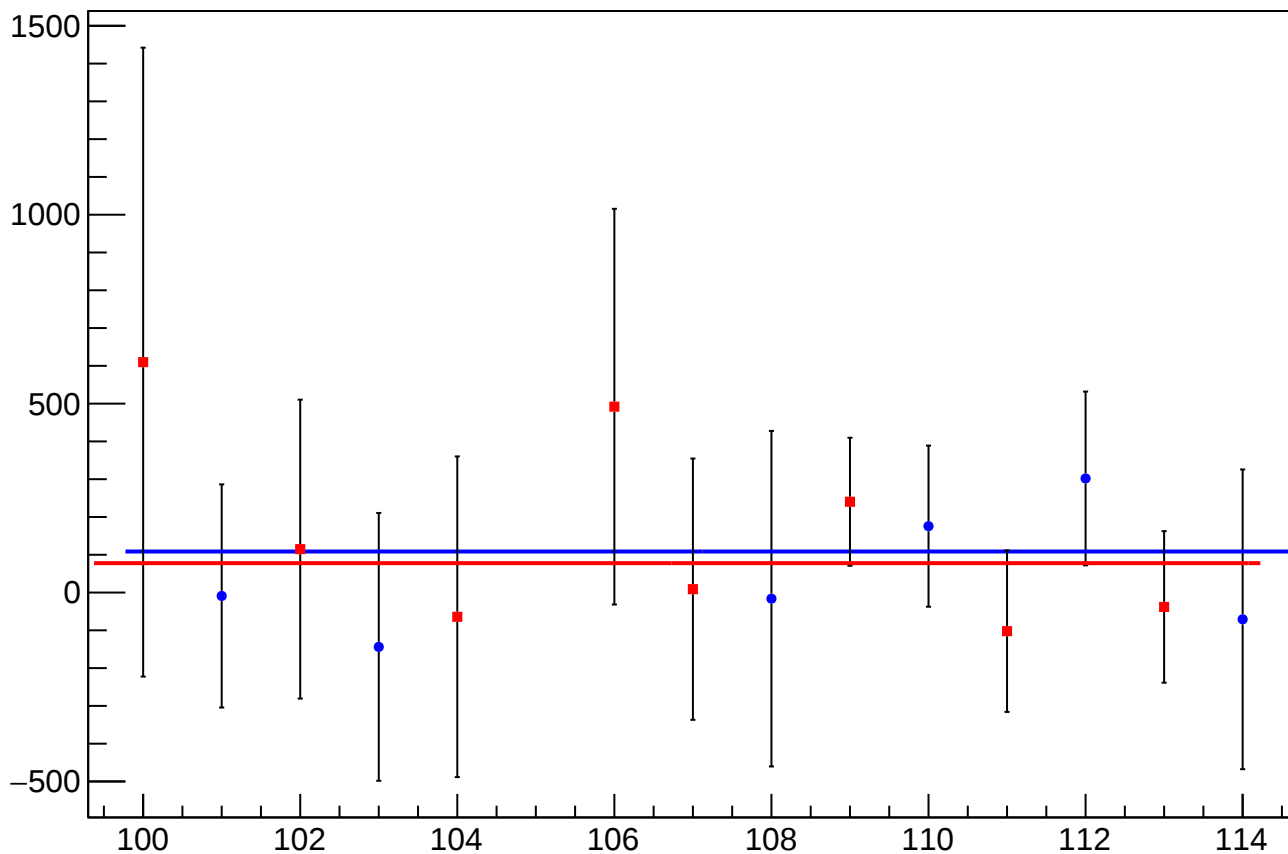
Right: 154.588+/-0.050 χ^2/NDF : 1267311.8/13

In: 166.036+/-0.080 χ^2/NDF : 456482.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.588+/-0.050 χ^2/NDF : 1267311.8/13

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 108.618+/-118.046 χ^2/NDF : 1.8/5

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

Right Out: 77.780+/-96.676 χ^2/NDF : 3.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

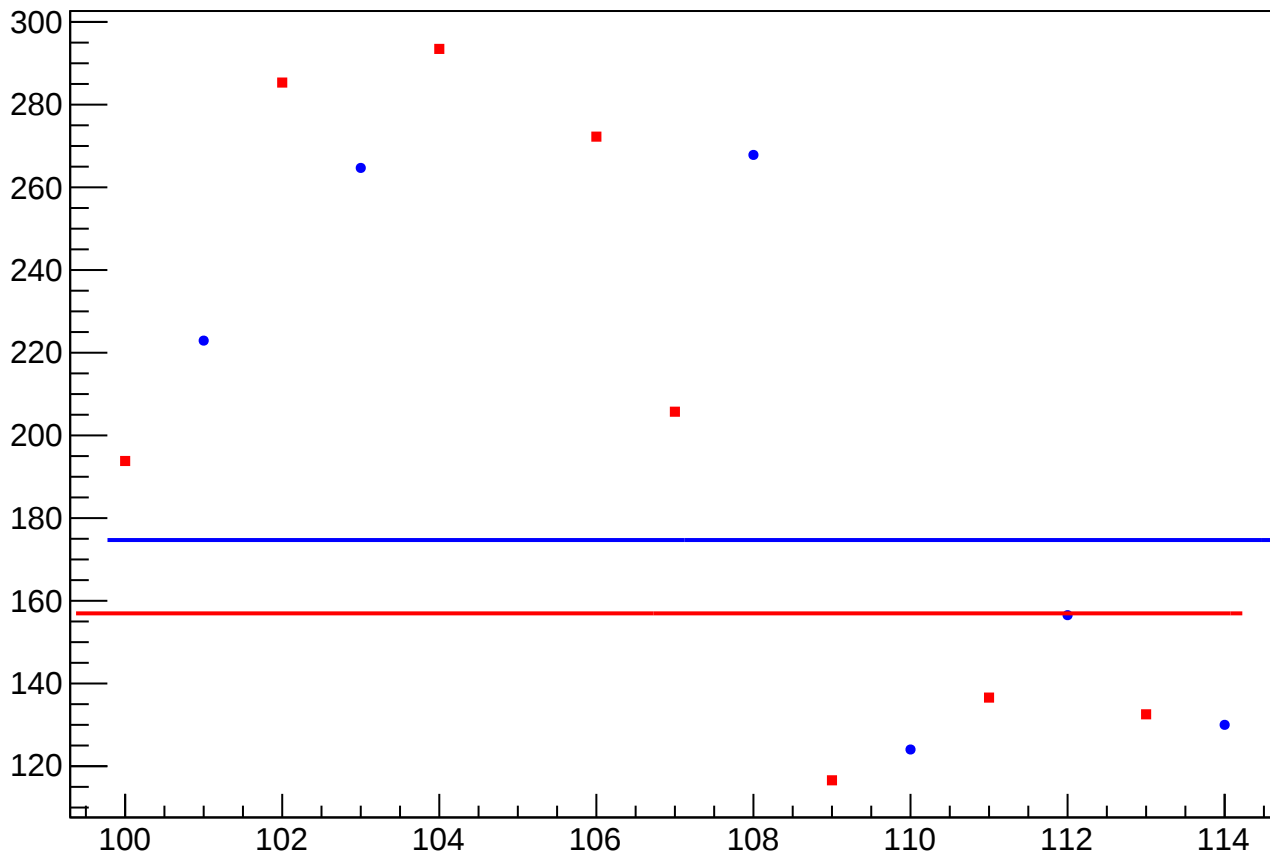
Right: 90.160+/-74.794 χ^2/NDF : 5.0/13

In: 108.618+/-118.046 χ^2/NDF : 1.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.160+/-74.794 χ^2/NDF : 5.0/13

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 174.697+/-0.083 χ^2/NDF : 421072.5/5

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

Right Out: 156.961+/-0.068 χ^2/NDF : 719716.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

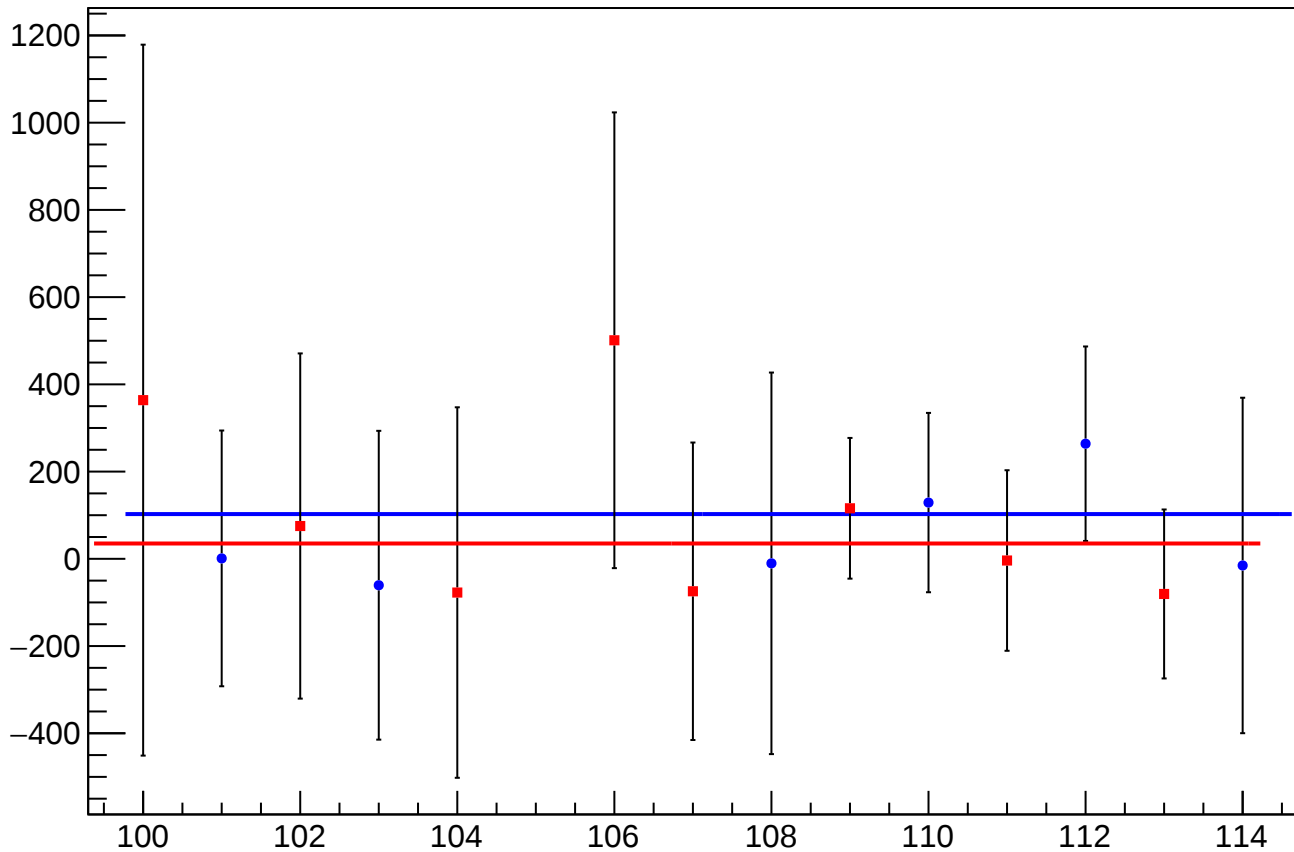
Right: 164.081+/-0.053 χ^2/NDF : 1167809.7/13

In: 174.697+/-0.083 χ^2/NDF : 421072.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.081+/-0.053 χ^2/NDF : 1167809.7/13

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 102.572+/-115.184 χ^2/NDF : 1.0/5

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

Right Out: 35.122+/-93.611 χ^2/NDF : 1.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

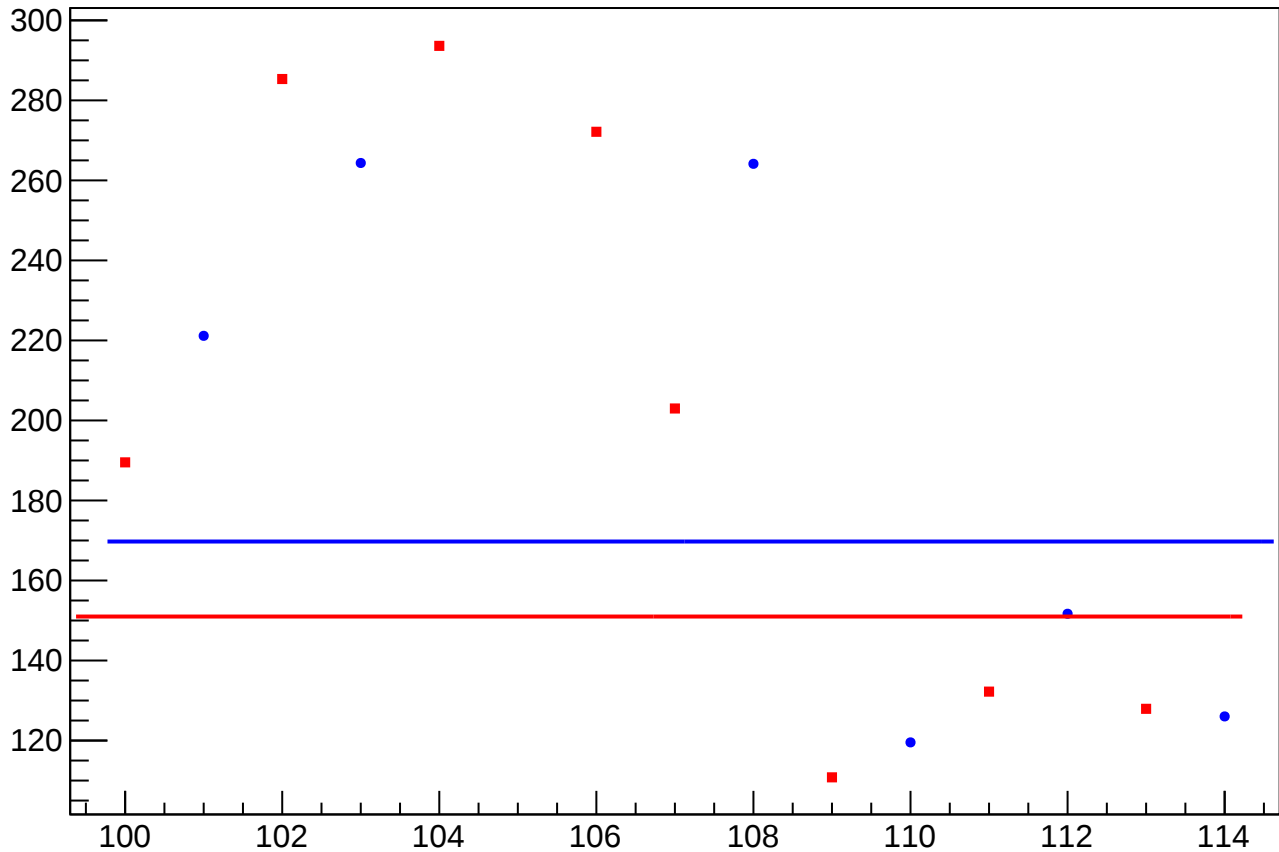
Right: 61.951+/-72.645 χ^2/NDF : 3.0/13

In: 102.572+/-115.184 χ^2/NDF : 1.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.951+/-72.645 χ^2/NDF : 3.0/13

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 169.743+/-0.081 χ^2/NDF : 455651.6/5

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

Right Out: 150.995+/-0.066 χ^2/NDF : 783425.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

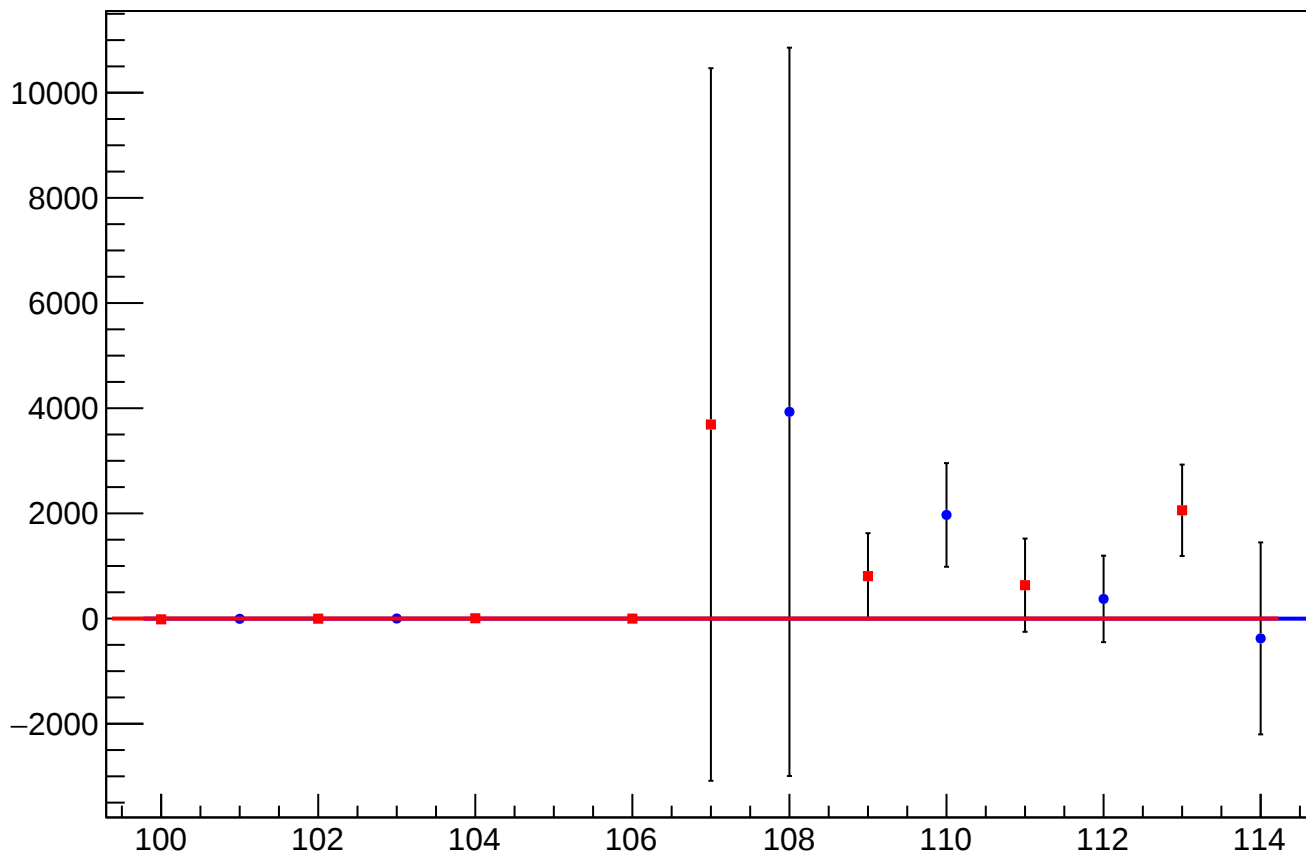
Right: 158.452+/-0.051 χ^2/NDF : 1270986.2/13

In: 169.743+/-0.081 χ^2/NDF : 455651.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.452+/-0.051 χ^2/NDF : 1270986.2/13

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.507+/-2.252 χ^2/NDF : 5.9/5

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

Right Out: 0.733+/-2.111 χ^2/NDF : 13.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

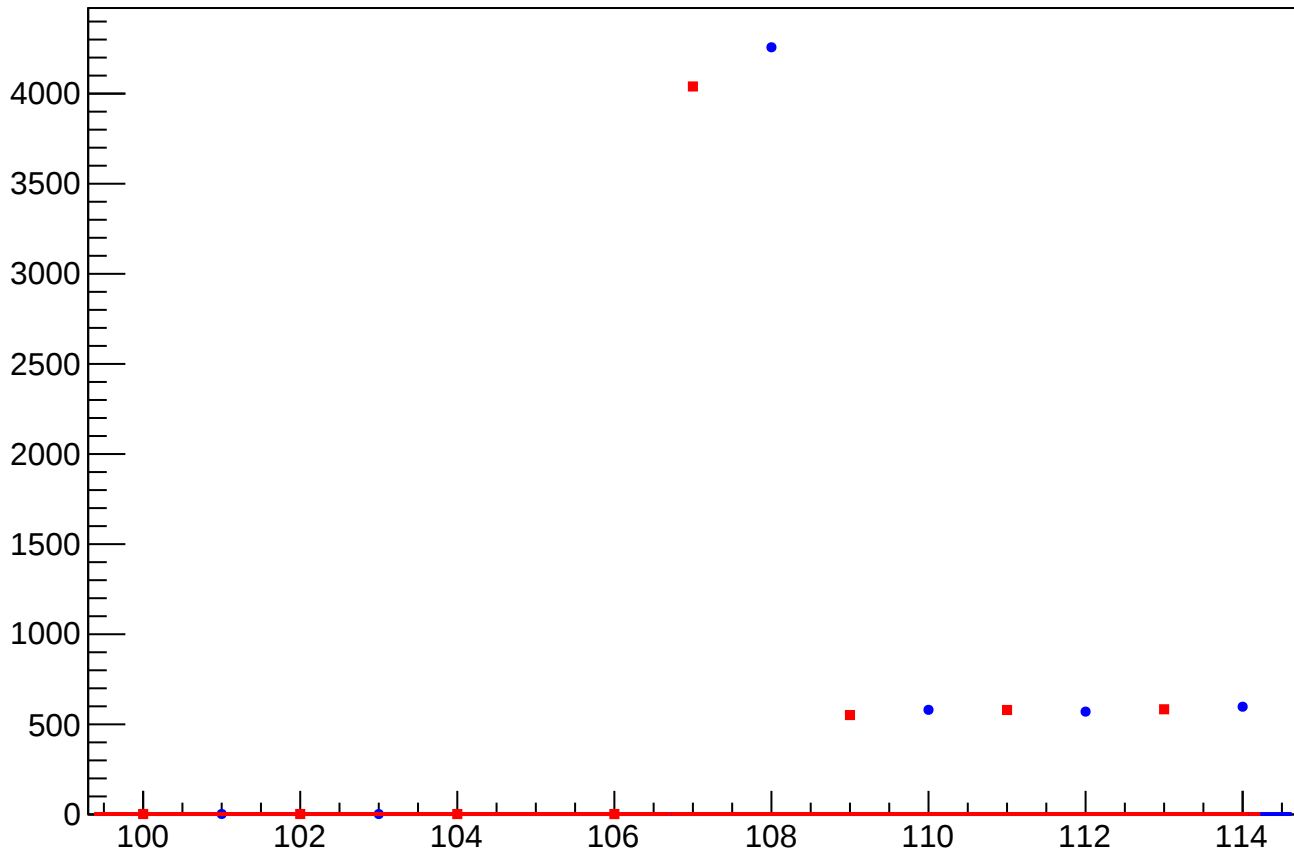
Right: -0.315+/-1.540 χ^2/NDF : 19.7/13

In: -1.507+/-2.252 χ^2/NDF : 5.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.315+/-1.540 χ^2/NDF : 19.7/13

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.419+/-0.002 χ^2/NDF : 2624684.8/5

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

Right Out: 2.406+/-0.001 χ^2/NDF : 3370311.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

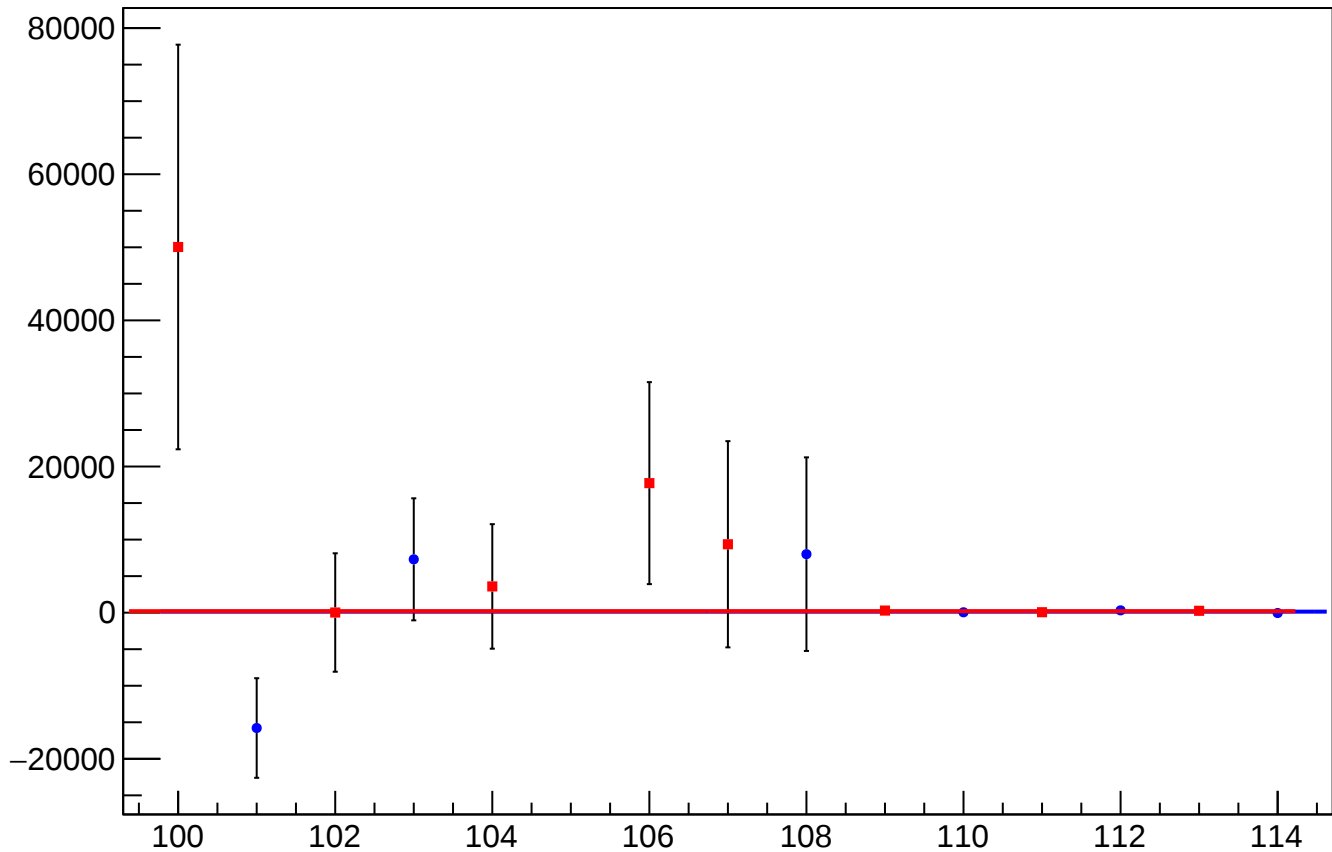
Right: 2.412+/-0.001 χ^2/NDF : 5995028.9/13

In: 2.419+/-0.002 χ^2/NDF : 2624684.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.412+/-0.001 χ^2/NDF : 5995028.9/13

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 141.334+/-143.464 χ^2/NDF : 7.6/5

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

Right Out: 202.919+/-122.308 χ^2/NDF : 6.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

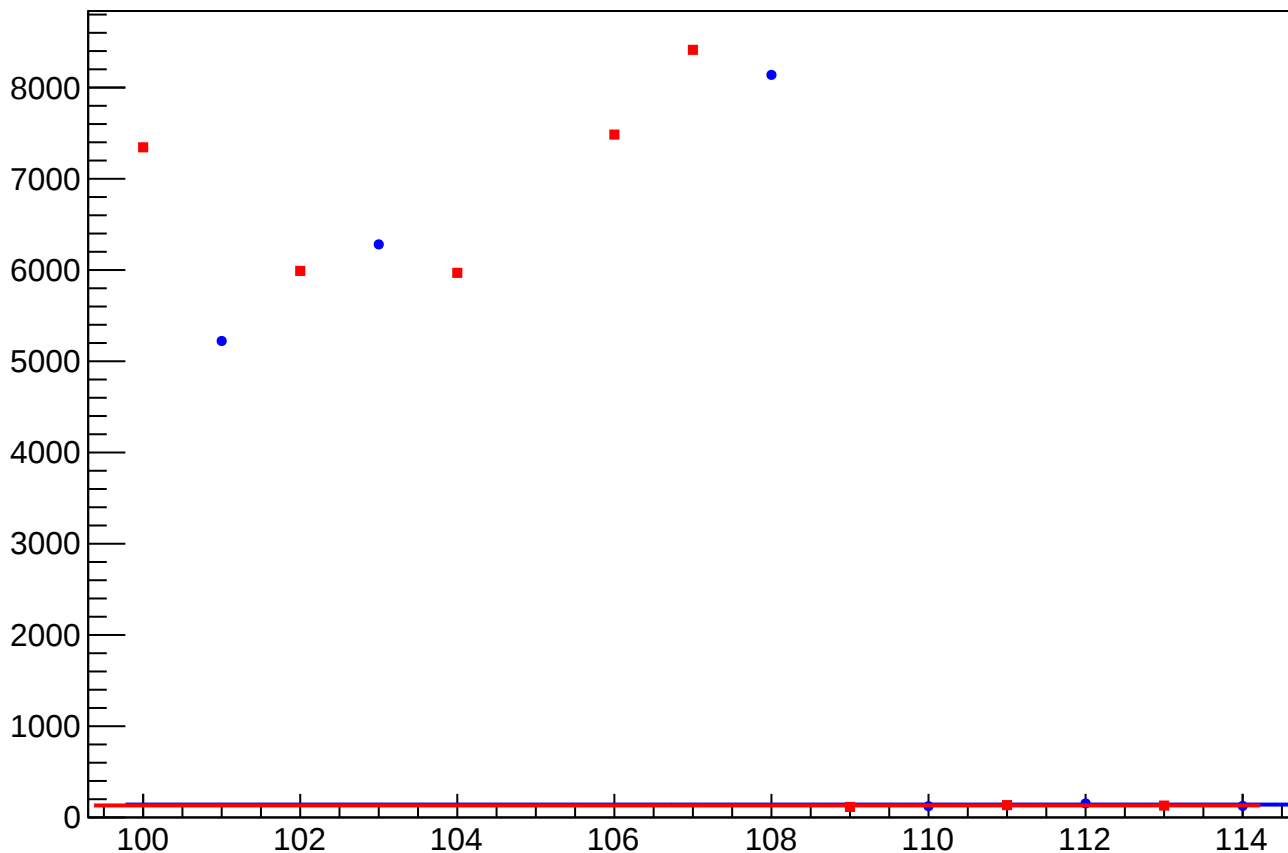
Right: 176.998+/-93.075 χ^2/NDF : 13.8/13

In: 141.334+/-143.464 χ^2/NDF : 7.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.998+/-93.075 χ^2/NDF : 13.8/13

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 141.181+/-0.101 χ^2/NDF : 2945732.5/5

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

Right Out: 131.560+/-0.086 χ^2/NDF : 3385829.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

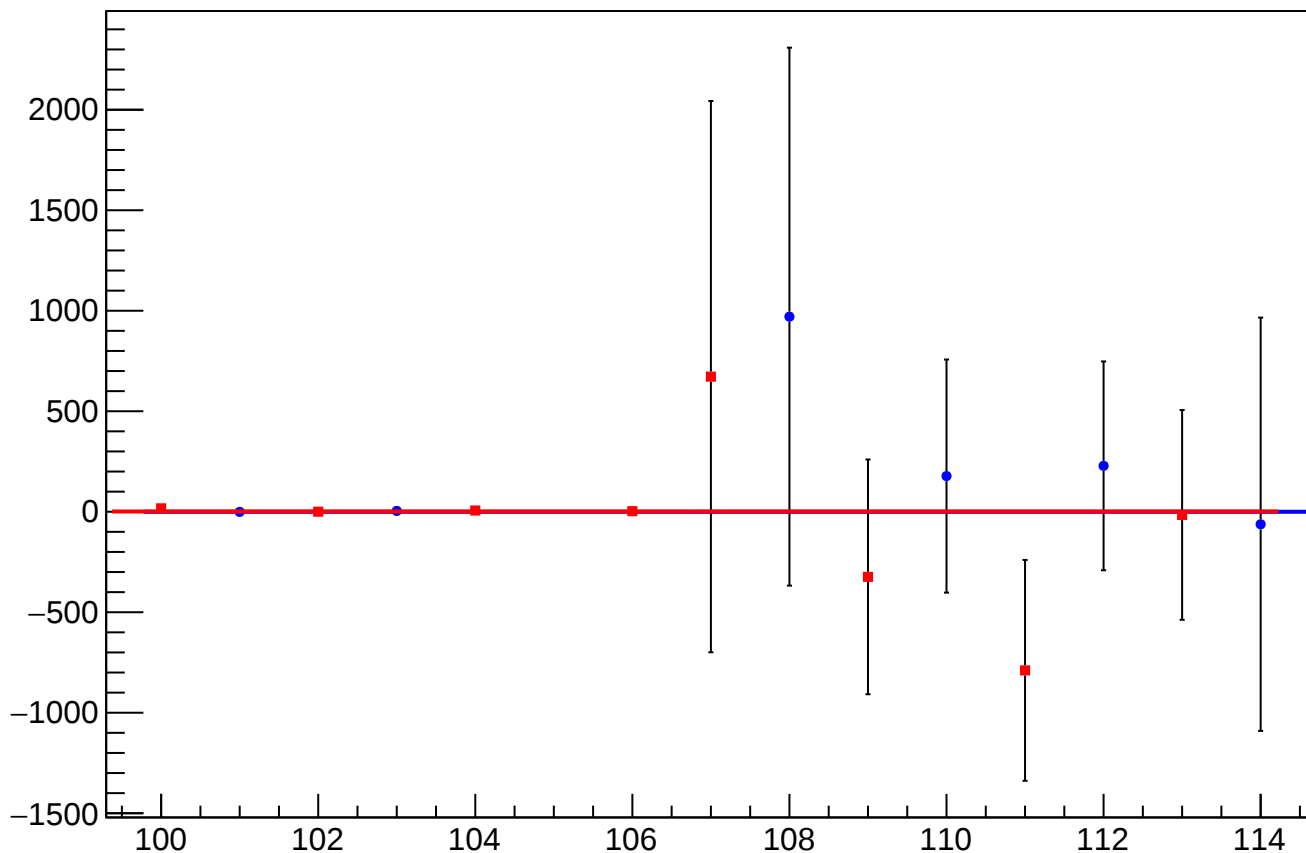
Right: 135.610+/-0.066 χ^2/NDF : 6336770.4/13

In: 141.181+/-0.101 χ^2/NDF : 2945732.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.610+/-0.066 χ^2/NDF : 6336770.4/13

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.154 ± 1.737 χ^2/NDF : 1.7/5

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

Right Out: 1.325 ± 1.623 χ^2/NDF : 5.4/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

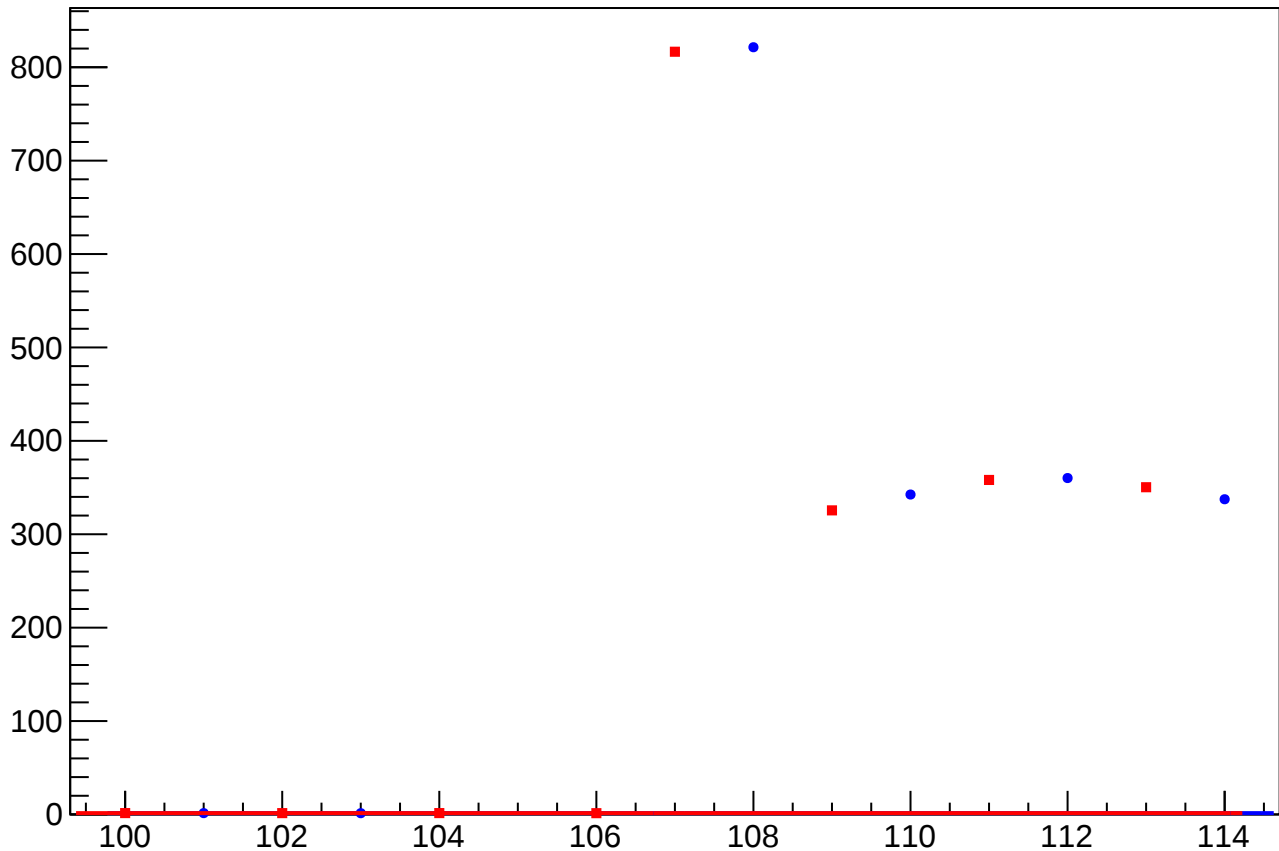
Right: 0.636 ± 1.186 χ^2/NDF : 7.4/13

In: -0.154 ± 1.737 χ^2/NDF : 1.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.636 ± 1.186 χ^2/NDF : 7.4/13

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.421+/-0.001 χ^2/NDF : 2611202.6/5

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

Right Out: 1.424+/-0.001 χ^2/NDF : 3060861.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

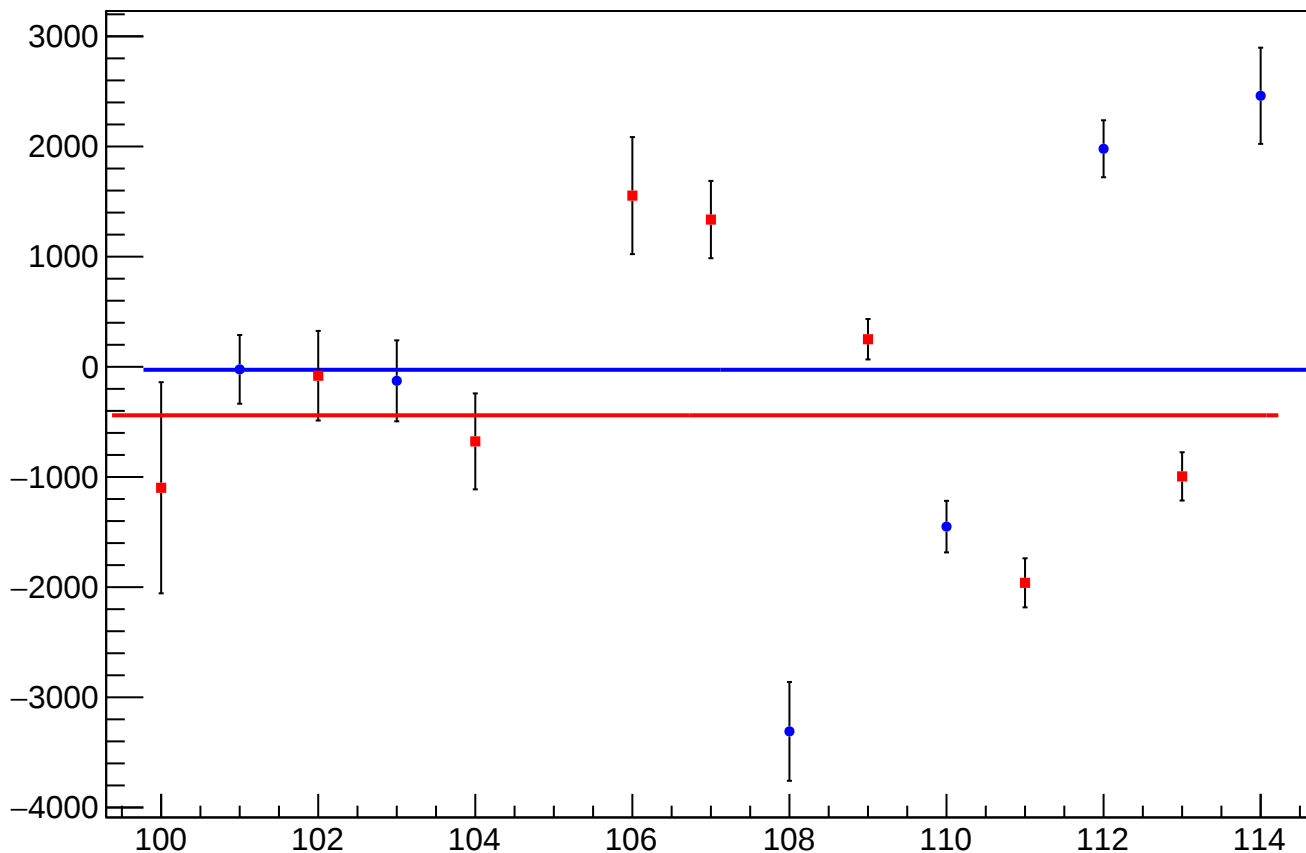
Right: 1.423+/-0.001 χ^2/NDF : 5672069.6/13

In: 1.421+/-0.001 χ^2/NDF :2611202.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.423+/-0.001 χ^2/NDF : 5672069.6/13

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: -26.917 ± 127.936 $\chi^2/\text{NDF}: 183.2/5$

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

Right Out: -439.952 ± 102.700 $\chi^2/\text{NDF}: 108.5/7$

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

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

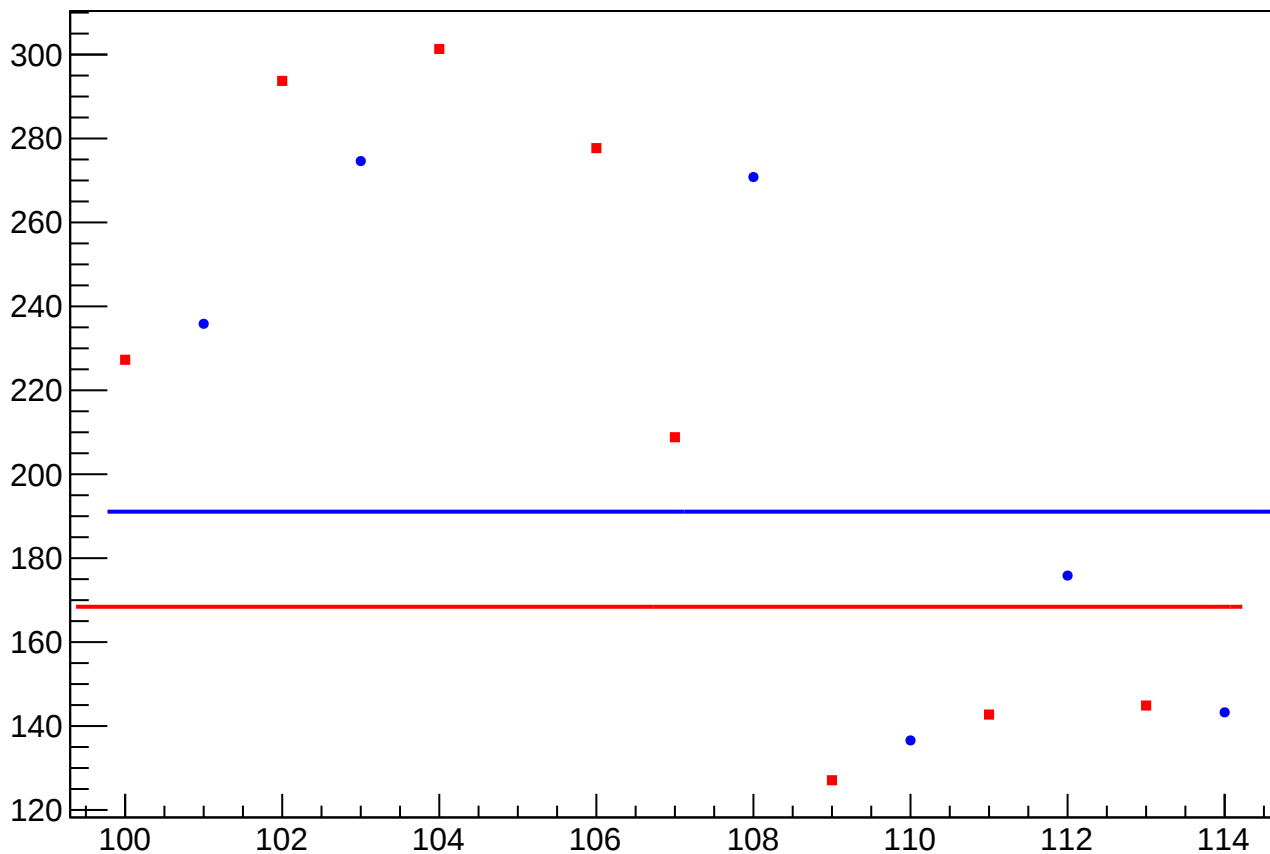
Right: -278.094 ± 80.088 $\chi^2/\text{NDF}: 298.1/13$

In: -26.917 ± 127.936 $\chi^2/\text{NDF}: 183.2/5$

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

All: -278.094 ± 80.088 $\chi^2/\text{NDF}: 298.1/13$

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 191.081+/-0.090 χ^2/NDF : 347106.1/5

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

Right Out: 168.422+/-0.073 χ^2/NDF : 646059.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

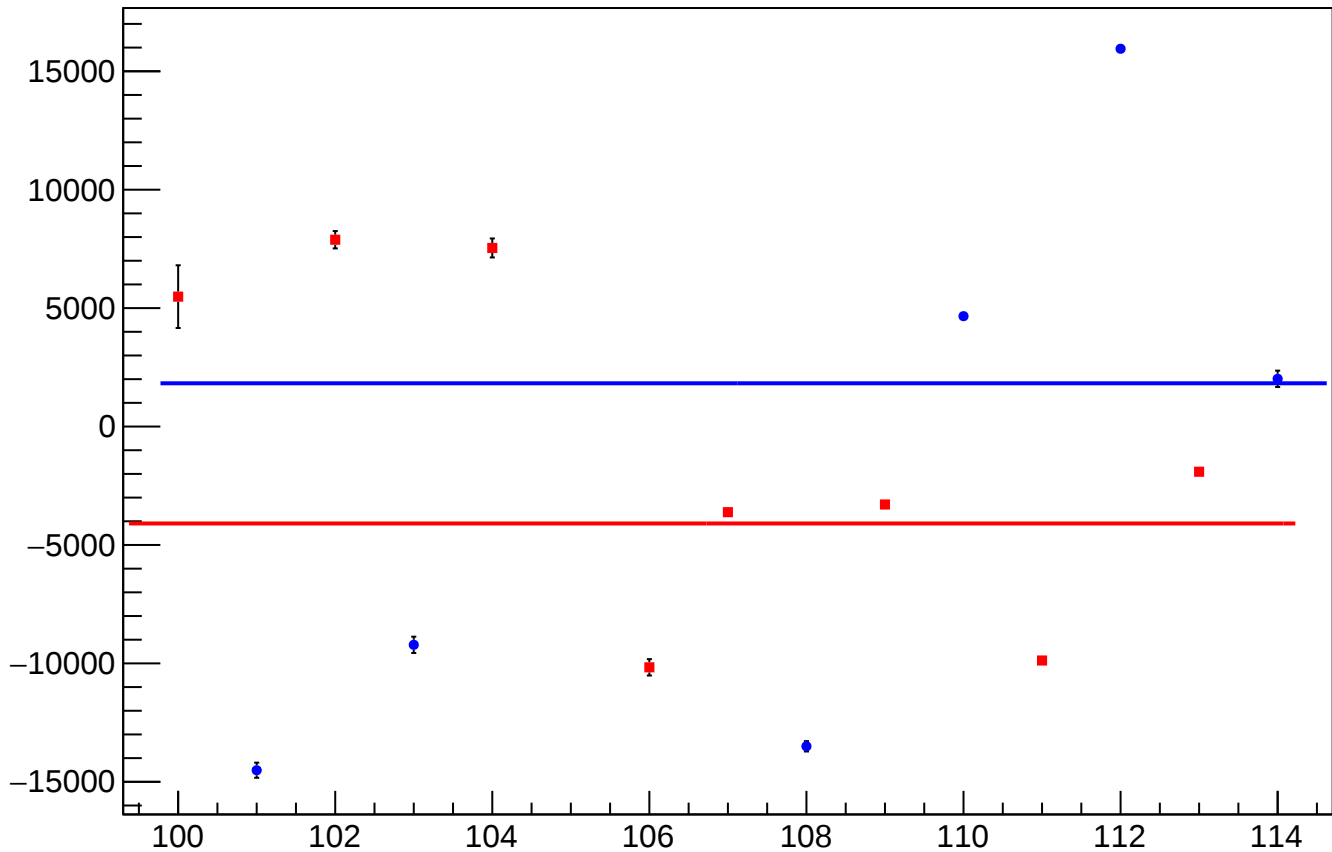
Right: 177.301+/-0.057 χ^2/NDF : 1031317.5/13

In: 191.081+/-0.090 χ^2/NDF : 347106.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.301+/-0.057 χ^2/NDF : 1031317.5/13

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 1826.295+/-93.080 χ^2/NDF : 15527.8/5

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

Right Out: -4092.422+/-78.439 χ^2/NDF : 3843.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

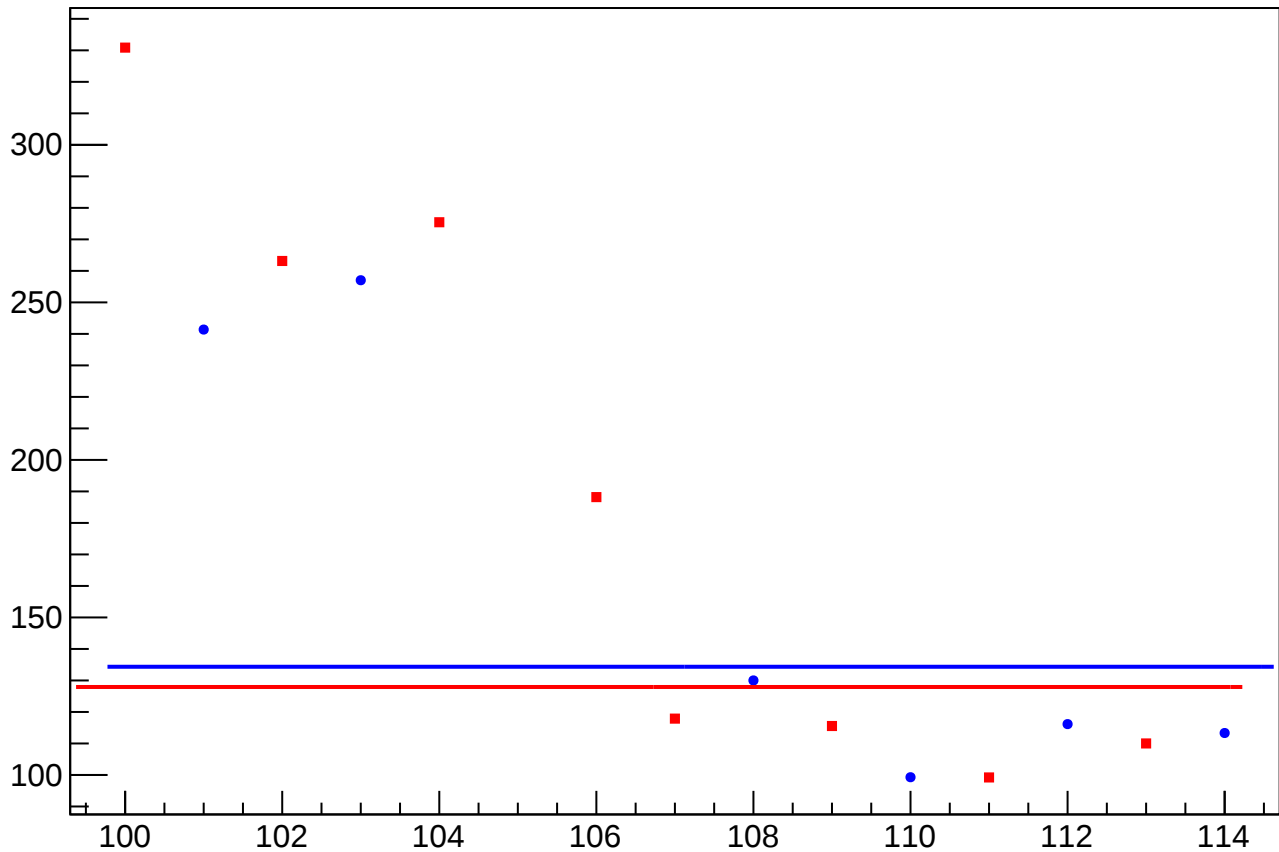
Right: -1634.628+/-59.981 χ^2/NDF : 21735.7/13

In: 1826.295+/-93.080 χ^2/NDF : 15527.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1634.628+/-59.981 χ^2/NDF : 21735.7/13

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 134.350+/-0.066 χ^2/NDF : 593016.8/5

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

Right Out: 127.929+/-0.055 χ^2/NDF : 757696.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

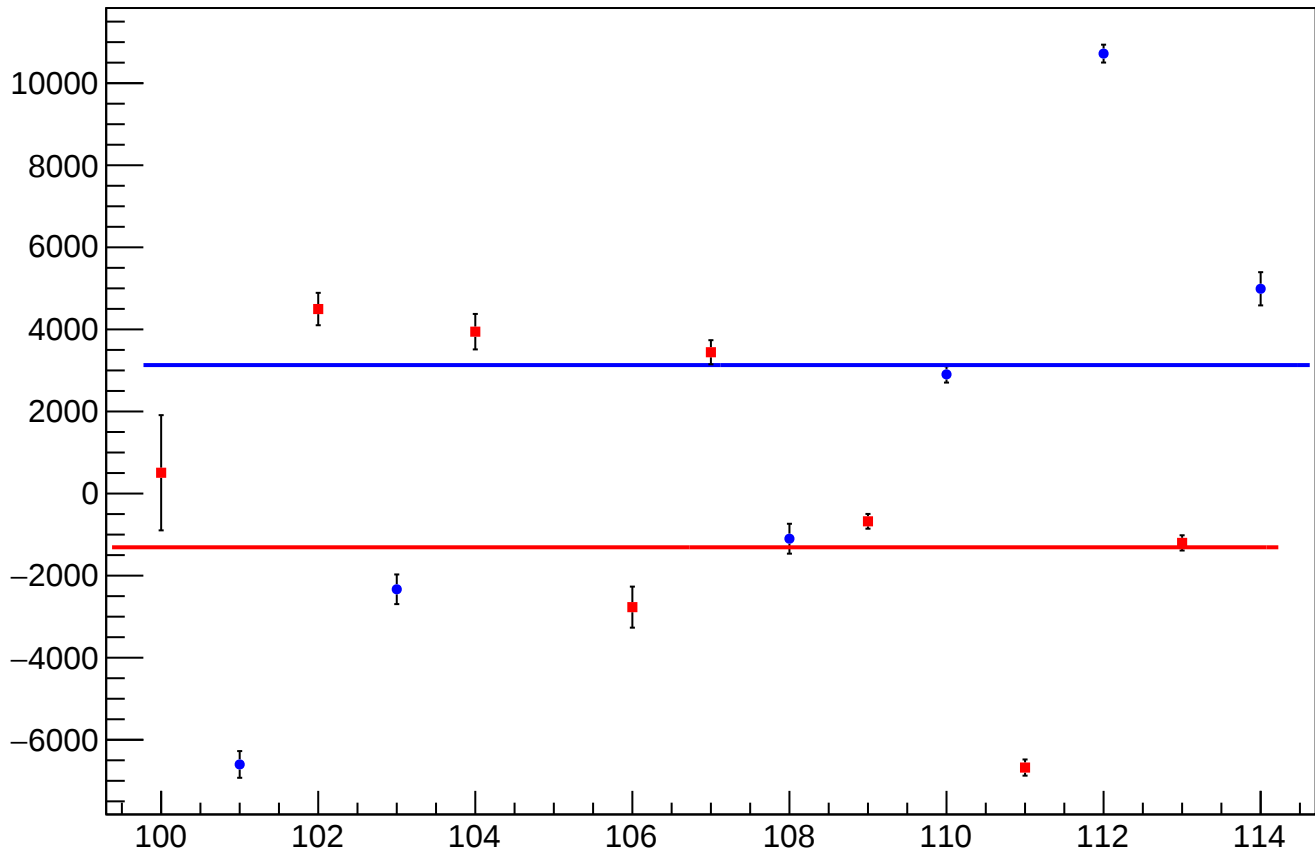
Right: 130.595+/-0.042 χ^2/NDF : 1356278.9/13

In: 134.350+/-0.066 χ^2/NDF : 593016.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.595+/-0.042 χ^2/NDF : 1356278.9/13

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 3130.626+/-114.032 χ^2/NDF : 2493.6/5

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

Right Out: -1309.387+/-93.901 χ^2/NDF : 1389.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

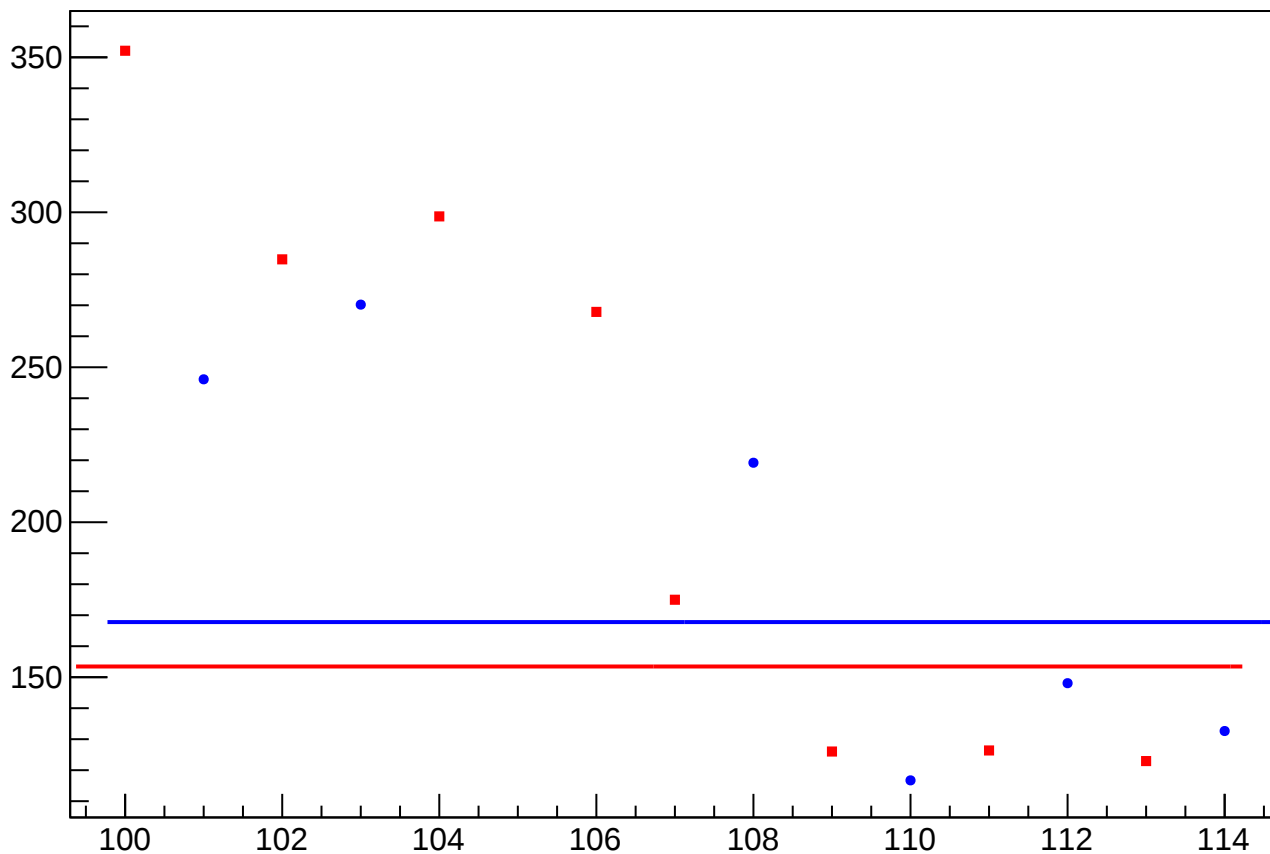
Right: 484.740+/-72.487 χ^2/NDF : 4786.6/13

In: 3130.626+/-114.032 χ^2/NDF : 2493.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 484.740+/-72.487 χ^2/NDF : 4786.6/13

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 167.785+/-0.081 χ^2/NDF : 478636.5/5

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

Right Out: 153.455+/-0.066 χ^2/NDF : 740915.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

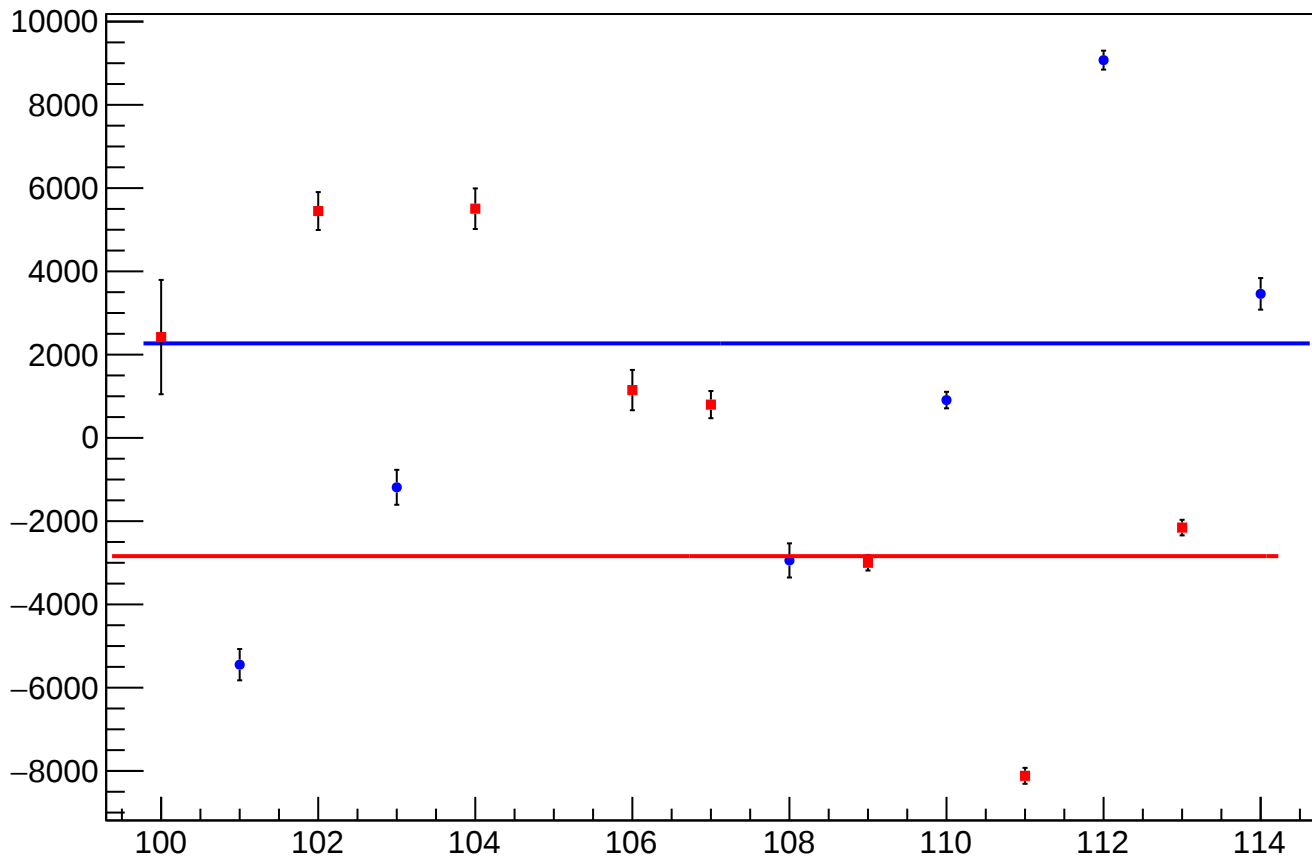
Right: 159.246+/-0.051 χ^2/NDF : 1238374.6/13

In: 167.785+/-0.081 χ^2/NDF : 478636.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.246+/-0.051 χ^2/NDF : 1238374.6/13

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 2269.972+/-119.123 χ^2/NDF : 1603.5/5

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

Right Out: -2840.197+/-96.232 χ^2/NDF : 1605.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

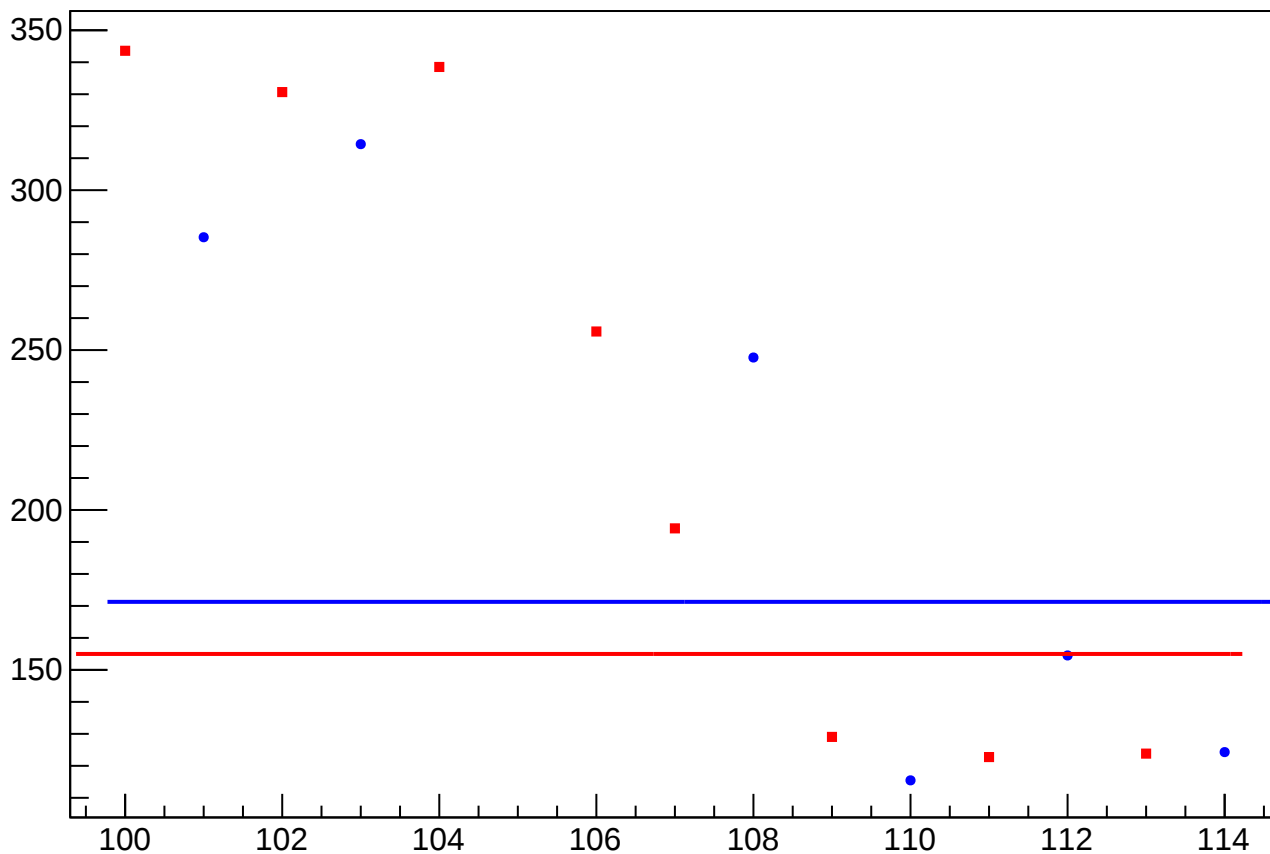
Right: -822.225+/-74.858 χ^2/NDF : 4322.5/13

In: 2269.972+/-119.123 χ^2/NDF : 1603.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -822.225+/-74.858 χ^2/NDF : 4322.5/13

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 171.276+/-0.084 χ^2/NDF : 686067.0/5

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

Right Out: 154.983+/-0.068 χ^2/NDF : 885987.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

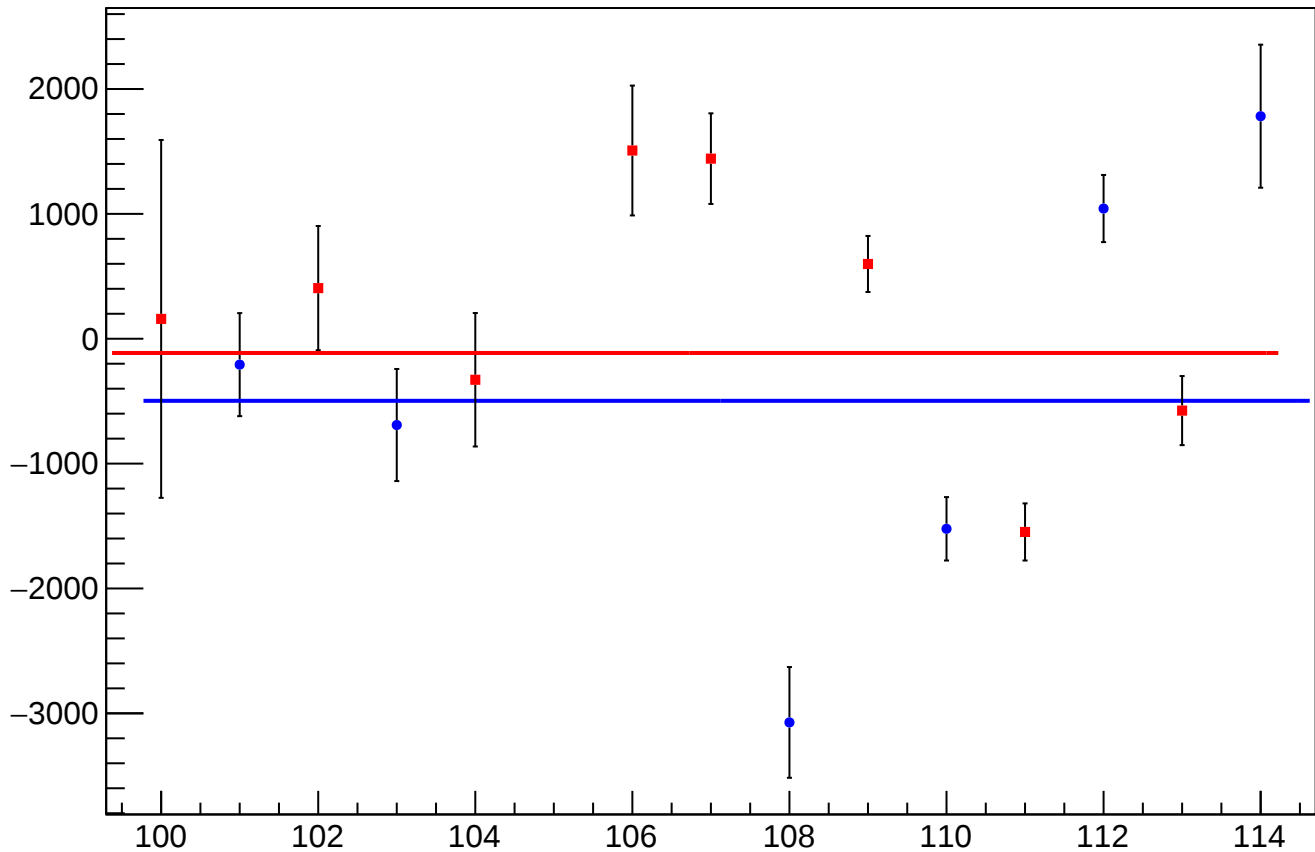
Right: 161.417+/-0.053 χ^2/NDF : 1594693.9/13

In: 171.276+/-0.084 χ^2/NDF : 686067.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.417+/-0.053 χ^2/NDF : 1594693.9/13

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -497.133+/-143.876 χ^2/NDF : 99.3/5

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

Right Out: -114.027+/-118.388 χ^2/NDF : 81.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

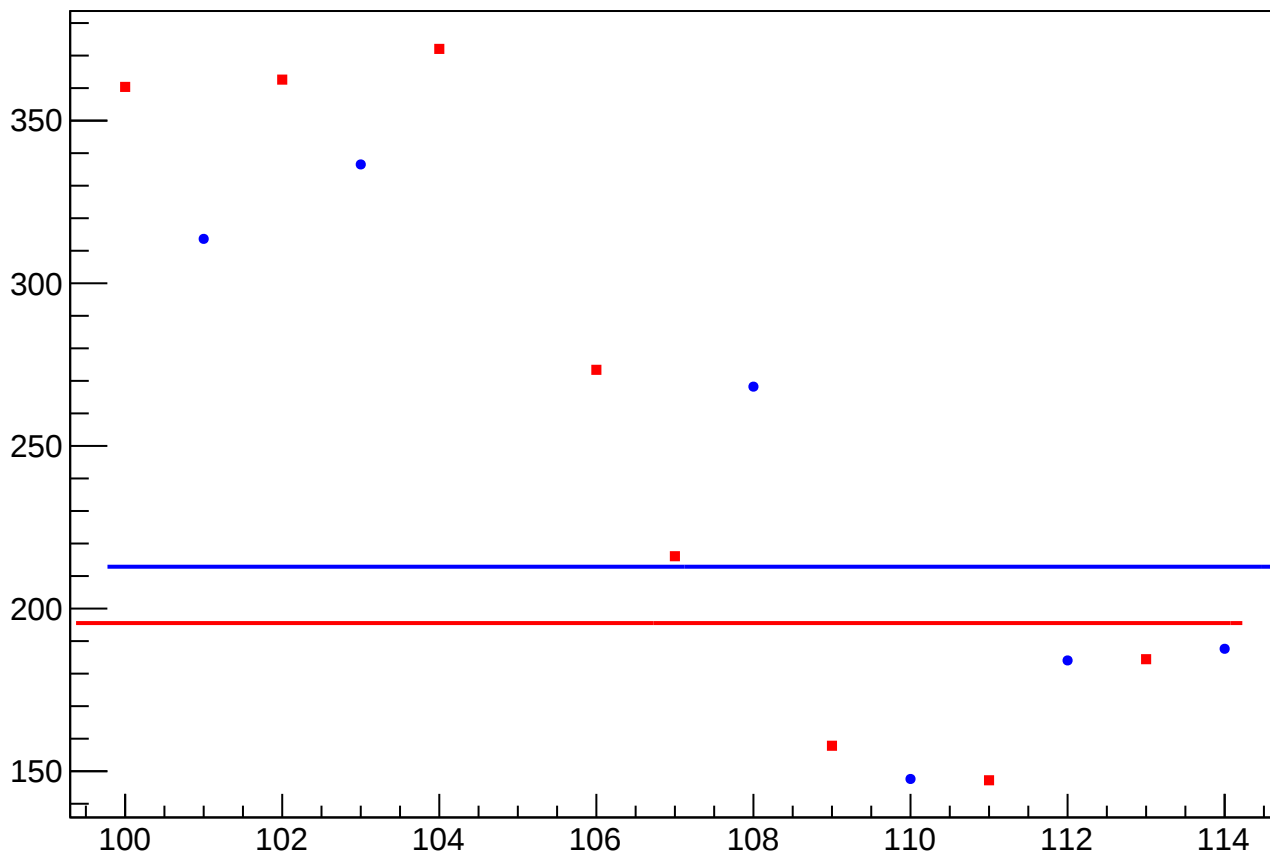
Right: -268.696+/-91.418 χ^2/NDF : 185.1/13

In: -497.133+/-143.876 χ^2/NDF : 99.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -268.696+/-91.418 χ^2/NDF : 185.1/13

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 212.867 $\pm$ 0.102 χ^2 /NDF: 461142.7/5

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

Right Out: 195.544 $\pm$ 0.084 χ^2 /NDF: 670419.7/7

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

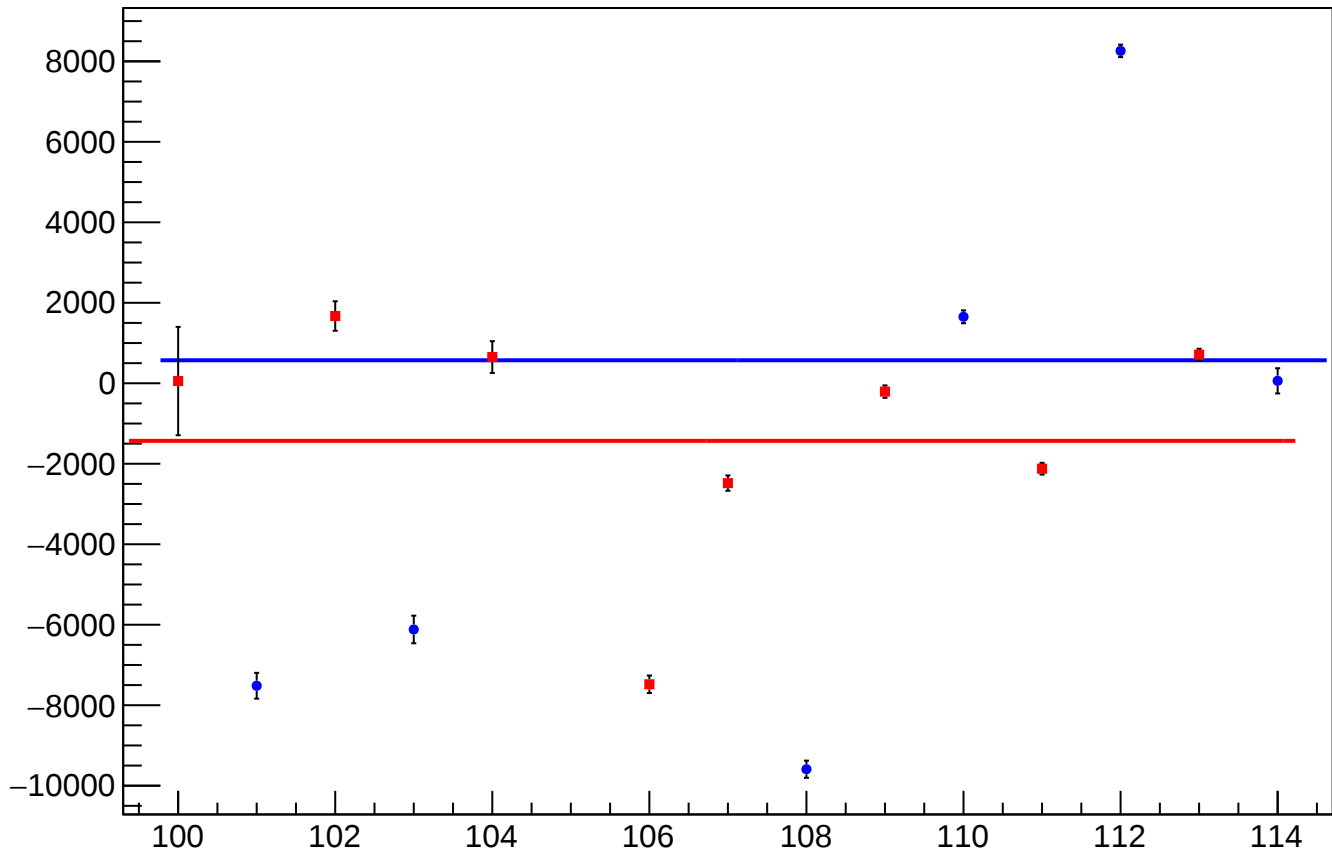
Right: 202.538 $\pm$ 0.065 χ^2 /NDF: 1148849.0/13

In: 212.867 $\pm$ 0.102 χ^2 /NDF:461142.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 202.538 $\pm$ 0.065 χ^2 /NDF: 1148849.0/13

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: 571.623+/-87.207 χ^2/NDF : 5810.3/5

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

Right Out: -1430.492+/-70.935 χ^2/NDF : 1201.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

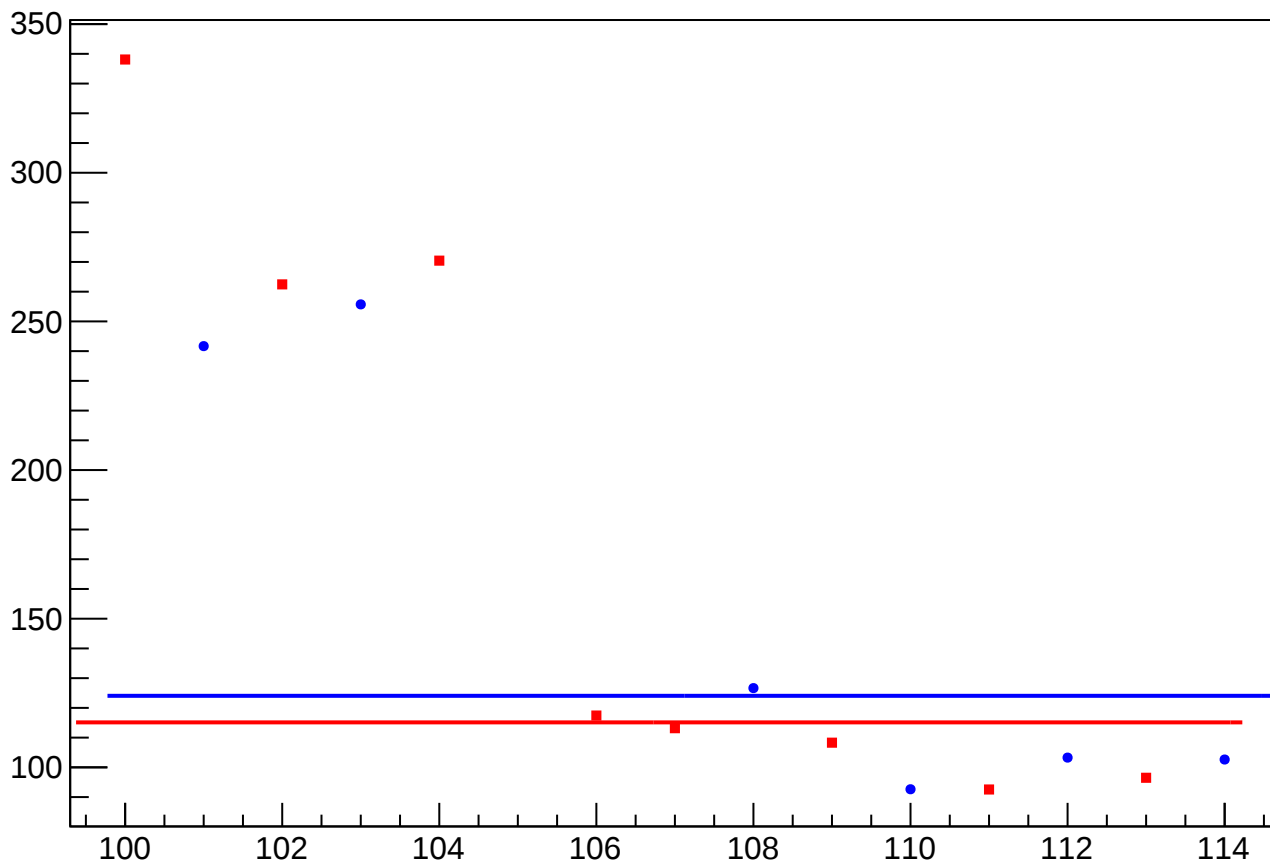
Right: -633.283+/-55.029 χ^2/NDF : 7328.9/13

In: 571.623+/-87.207 χ^2/NDF : 5810.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -633.283+/-55.029 χ^2/NDF : 7328.9/13

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 124.061+/-0.062 χ^2/NDF : 687410.0/5

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

Right Out: 115.125+/-0.050 χ^2/NDF : 772118.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

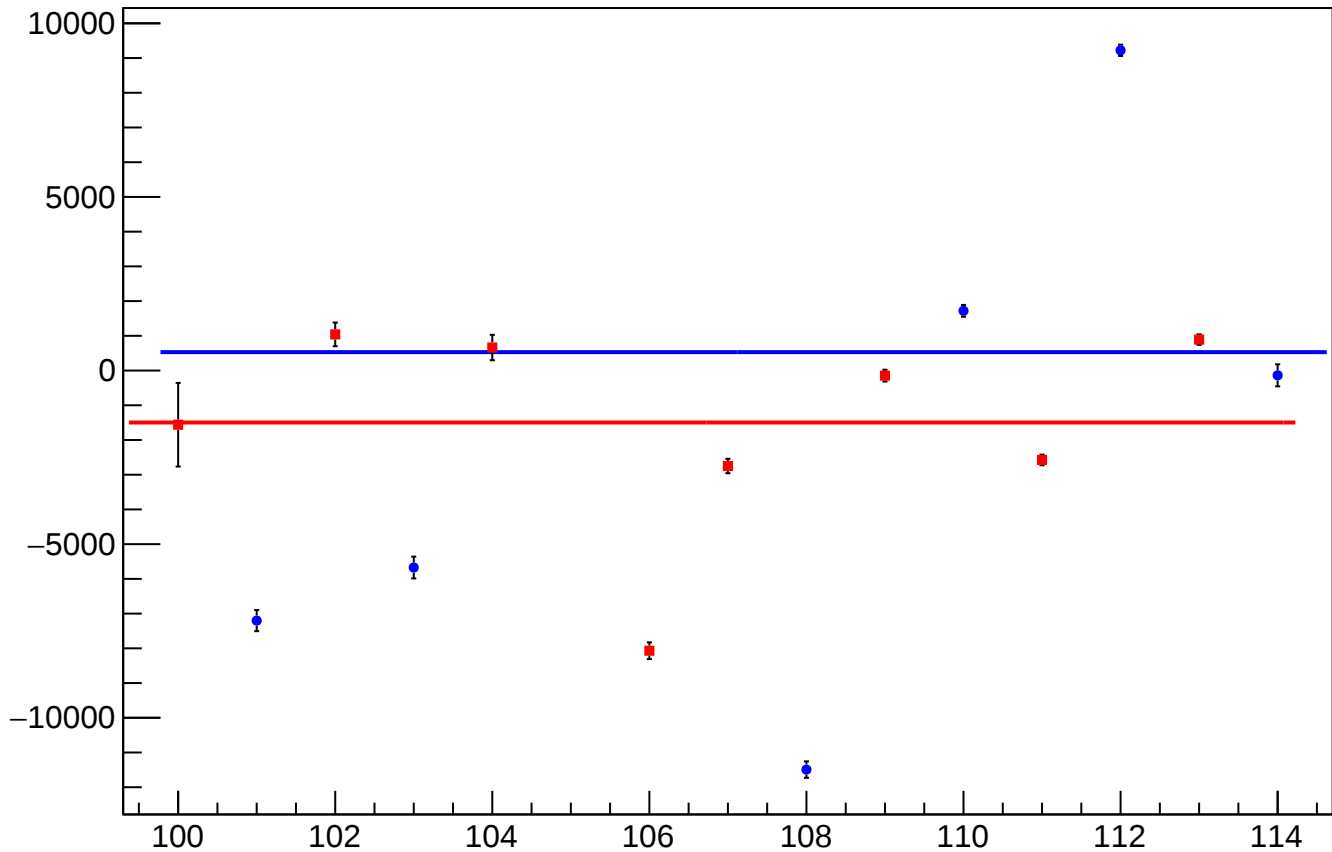
Right: 118.683+/-0.039 χ^2/NDF : 1472167.0/13

In: 124.061+/-0.062 χ^2/NDF : 687410.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.683+/-0.039 χ^2/NDF : 1472167.0/13

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 530.092+/-90.799 χ^2/NDF : 6529.1/5

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

Right Out: -1495.876+/-74.928 χ^2/NDF : 1233.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

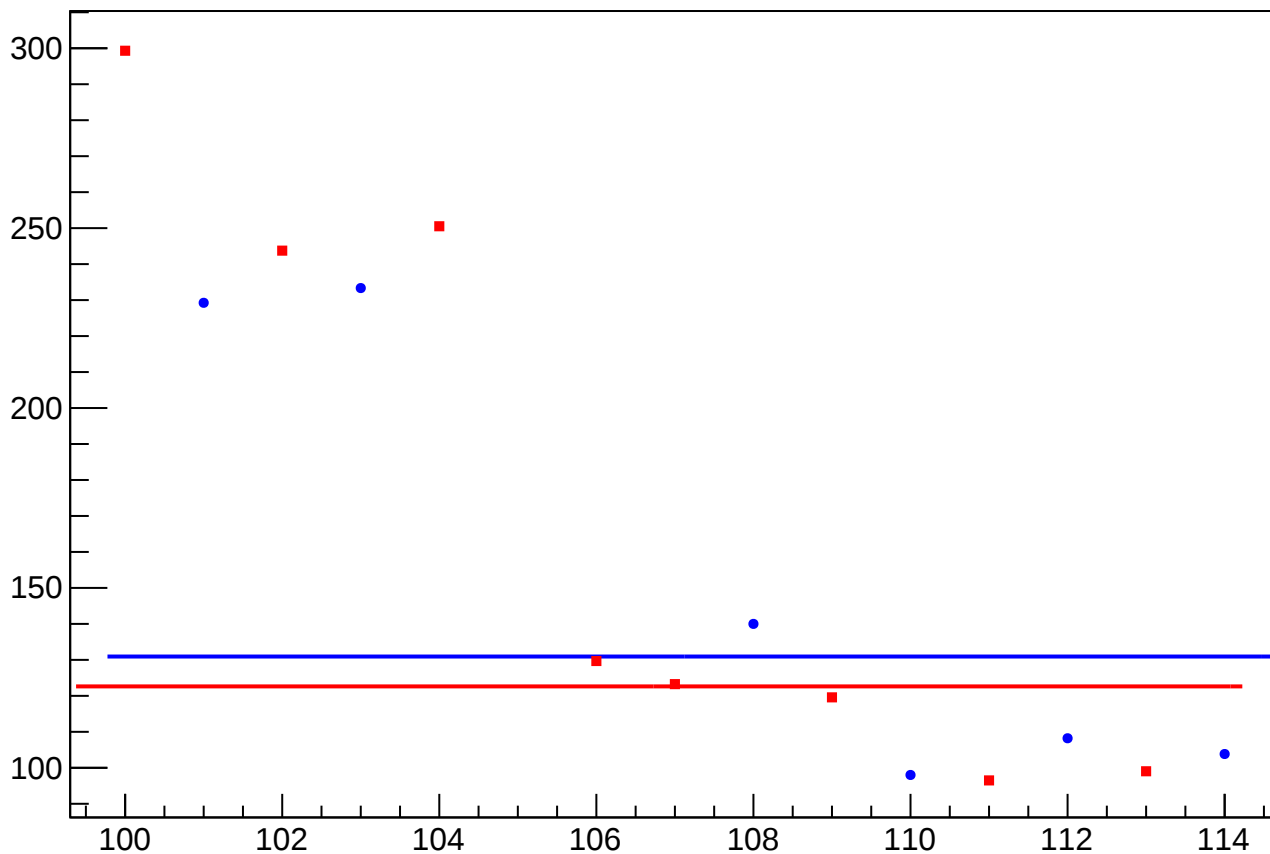
Right: -675.147+/-57.792 χ^2/NDF : 8058.5/13

In: 530.092+/-90.799 χ^2/NDF :6529.1/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -675.147+/-57.792 χ^2/NDF : 8058.5/13

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 130.930 $\pm$ 0.064 χ^2 /NDF: 554542.6/5

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

Right Out: 122.627 $\pm$ 0.053 χ^2 /NDF: 648167.7/7

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

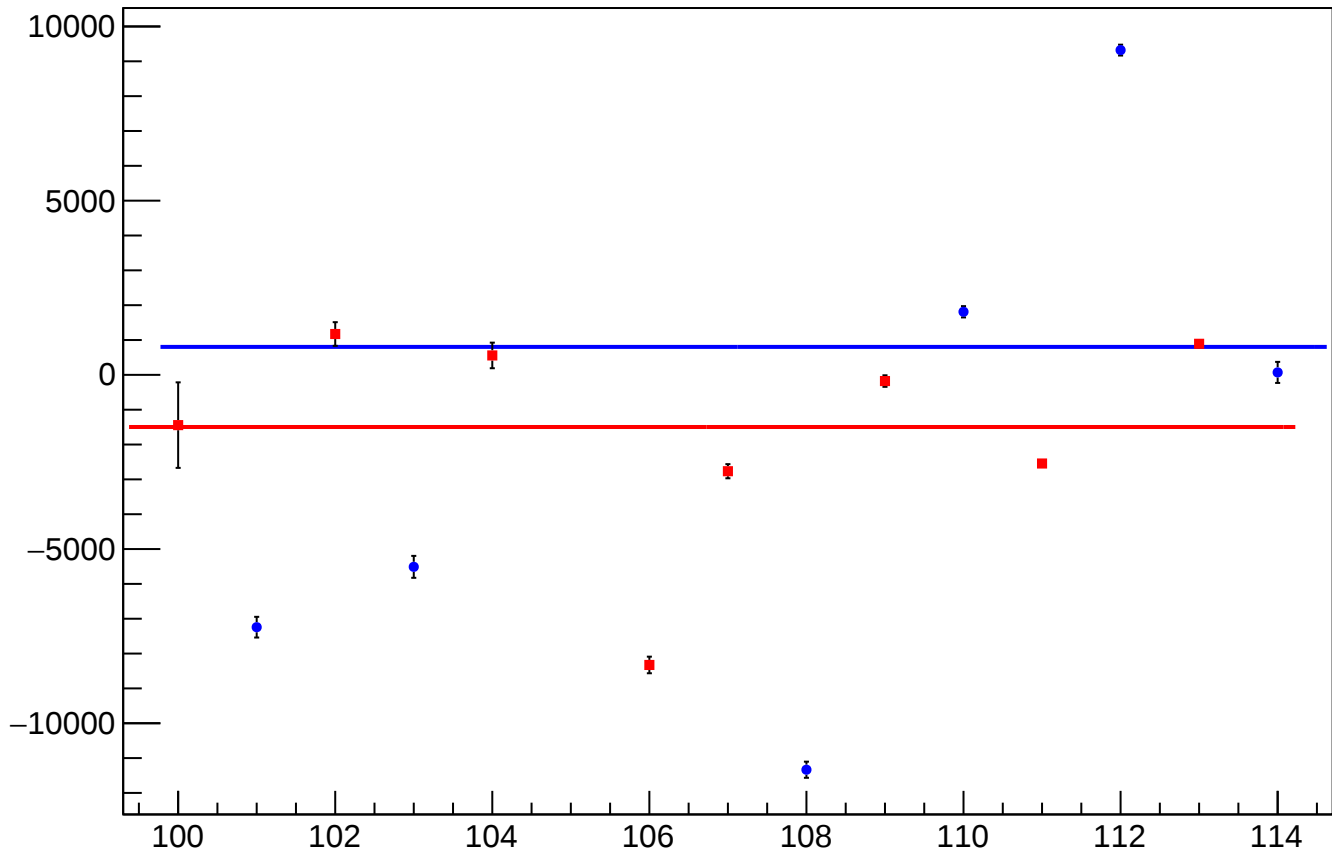
Right: 125.991 $\pm$ 0.041 χ^2 /NDF: 1212660.5/13

In: 130.930 $\pm$ 0.064 χ^2 /NDF:554542.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 125.991 $\pm$ 0.041 χ^2 /NDF: 1212660.5/13

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: 802.661+/-87.615 χ^2/NDF : 6913.9/5

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

Right Out: -1496.430+/-72.025 χ^2/NDF : 1348.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

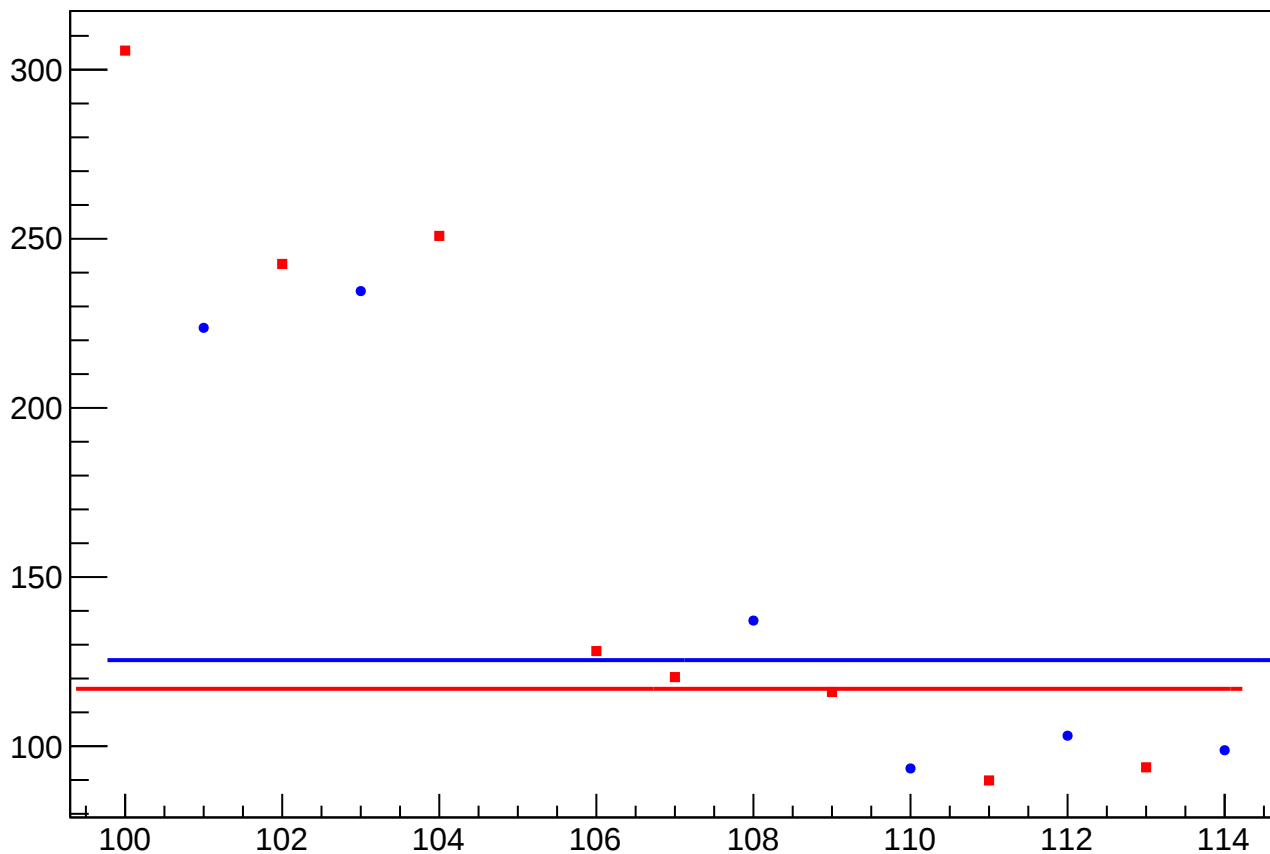
Right: -569.287+/-55.638 χ^2/NDF : 8673.7/13

In: 802.661+/-87.615 χ^2/NDF : 6913.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -569.287+/-55.638 χ^2/NDF : 8673.7/13

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 125.436+/-0.062 χ^2/NDF : 598658.5/5

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

Right Out: 116.957+/-0.051 χ^2/NDF : 716277.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

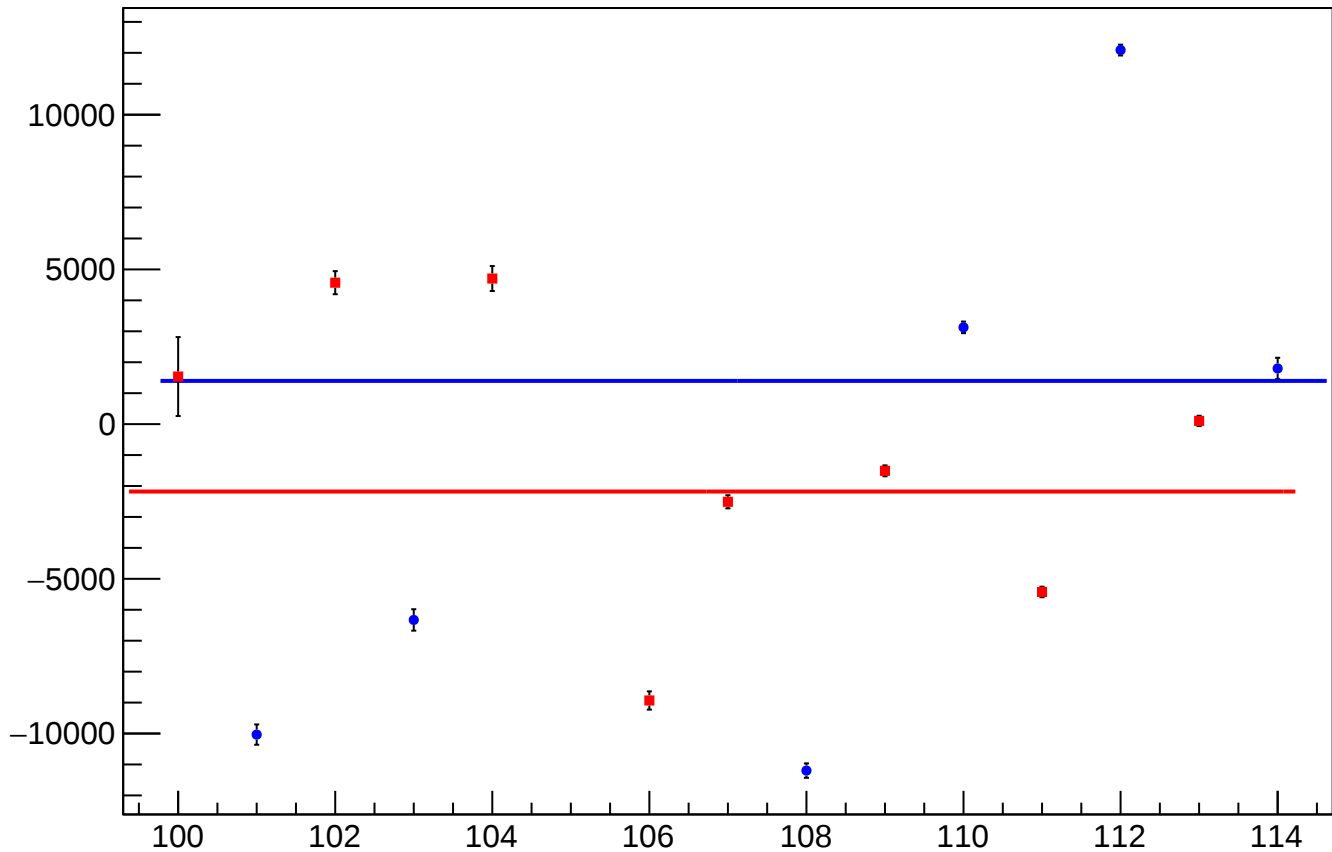
Right: 120.376+/-0.039 χ^2/NDF : 1326113.5/13

In: 125.436+/-0.062 χ^2/NDF : 598658.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.376+/-0.039 χ^2/NDF : 1326113.5/13

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 1396.709+/-97.282 χ^2/NDF : 8446.3/5

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

Right Out: -2178.617+/-81.458 χ^2/NDF : 1720.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

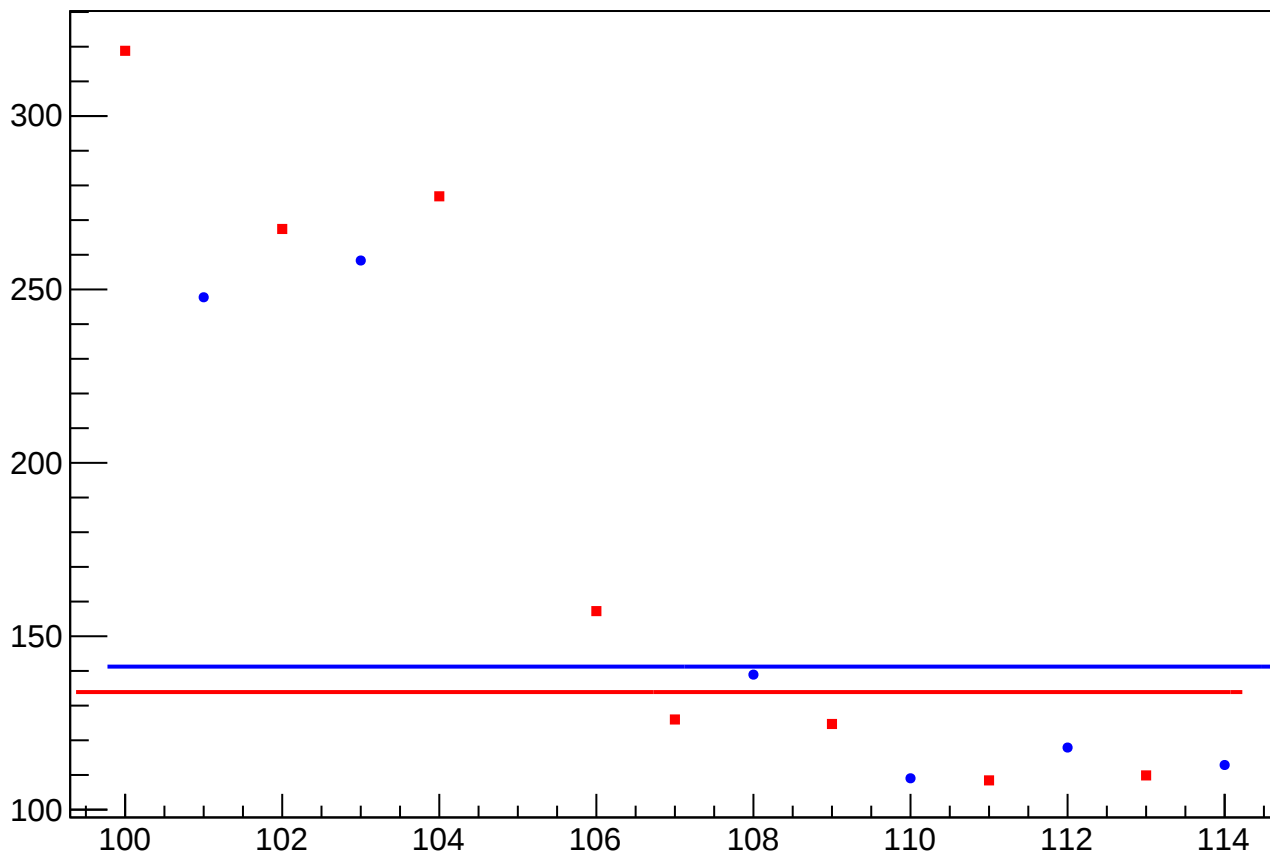
Right: -705.036+/-62.455 χ^2/NDF : 10960.8/13

In: 1396.709+/-97.282 χ^2/NDF :8446.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -705.036+/-62.455 χ^2/NDF : 10960.8/13

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 141.246+/-0.069 χ^2/NDF : 547643.8/5

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

Right Out: 133.906+/-0.058 χ^2/NDF : 656795.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

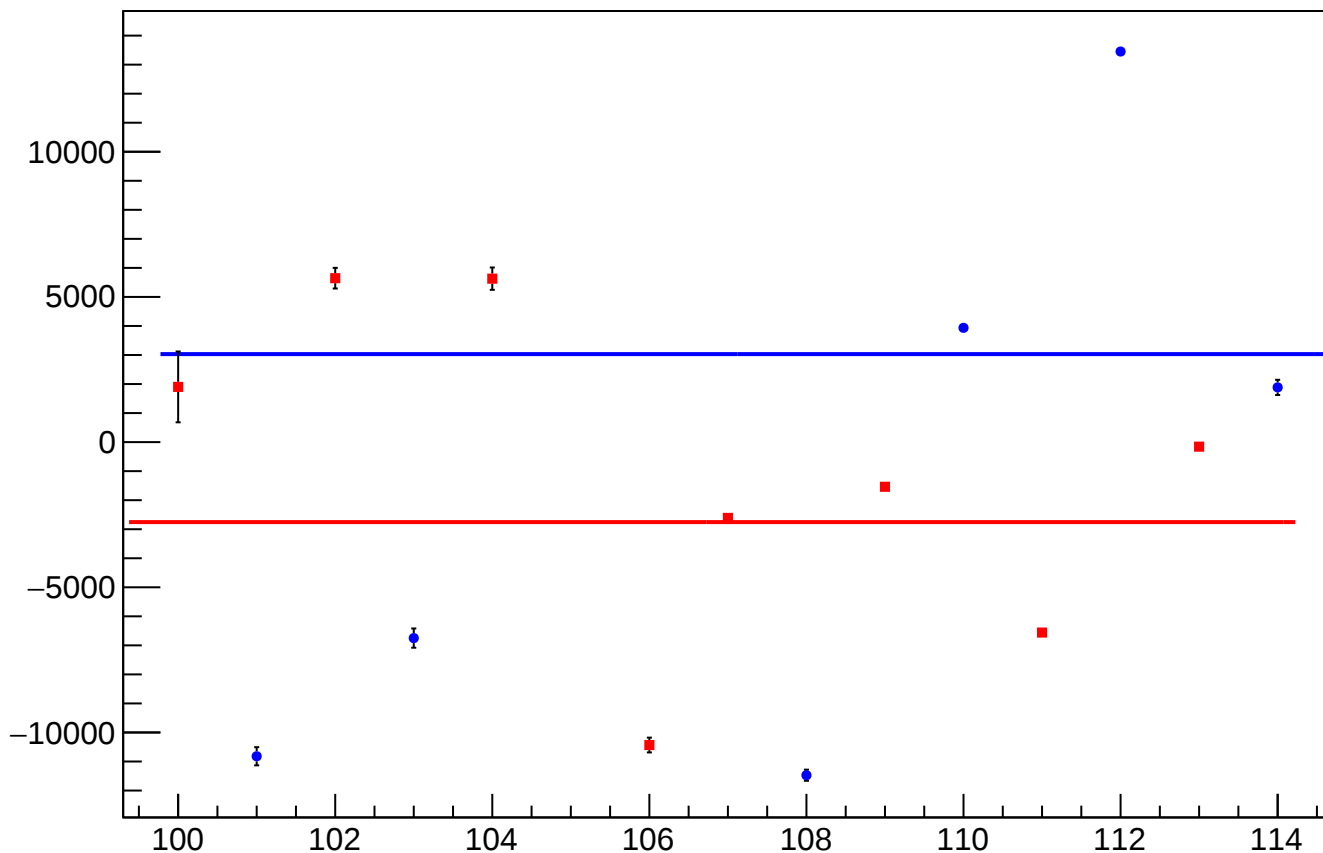
Right: 136.931+/-0.044 χ^2/NDF : 1211131.9/13

In: 141.246+/-0.069 χ^2/NDF : 547643.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.931+/-0.044 χ^2/NDF : 1211131.9/13

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 3030.939+/-76.402 χ^2/NDF : 14760.6/5

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

Right Out: -2754.567+/-63.062 χ^2/NDF : 3447.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

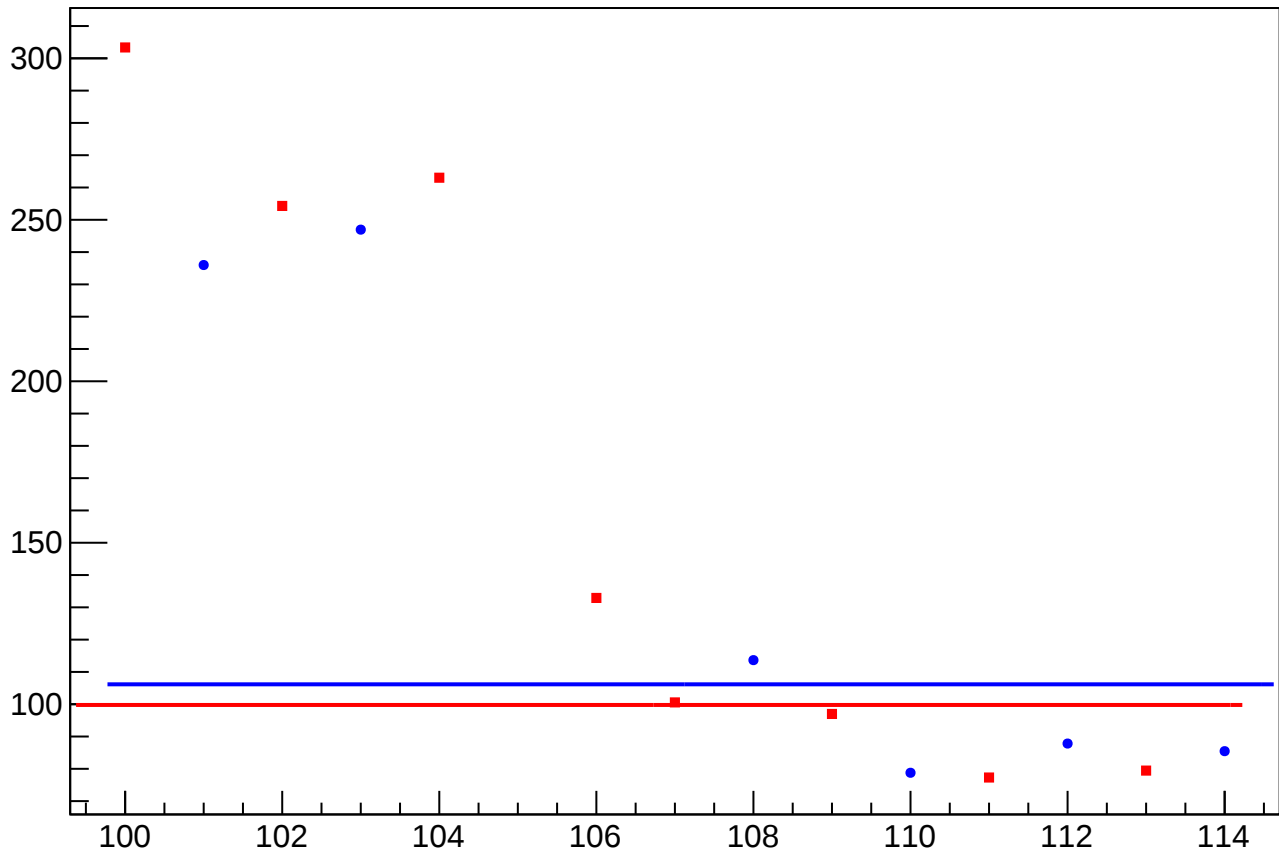
Right: -410.184+/-48.635 χ^2/NDF : 21618.7/13

In: 3030.939+/-76.402 χ^2/NDF :14760.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -410.184+/-48.635 χ^2/NDF : 21618.7/13

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 106.163+/-0.054 χ^2/NDF : 838662.9/5

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

Right Out: 99.772+/-0.045 χ^2/NDF : 952126.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

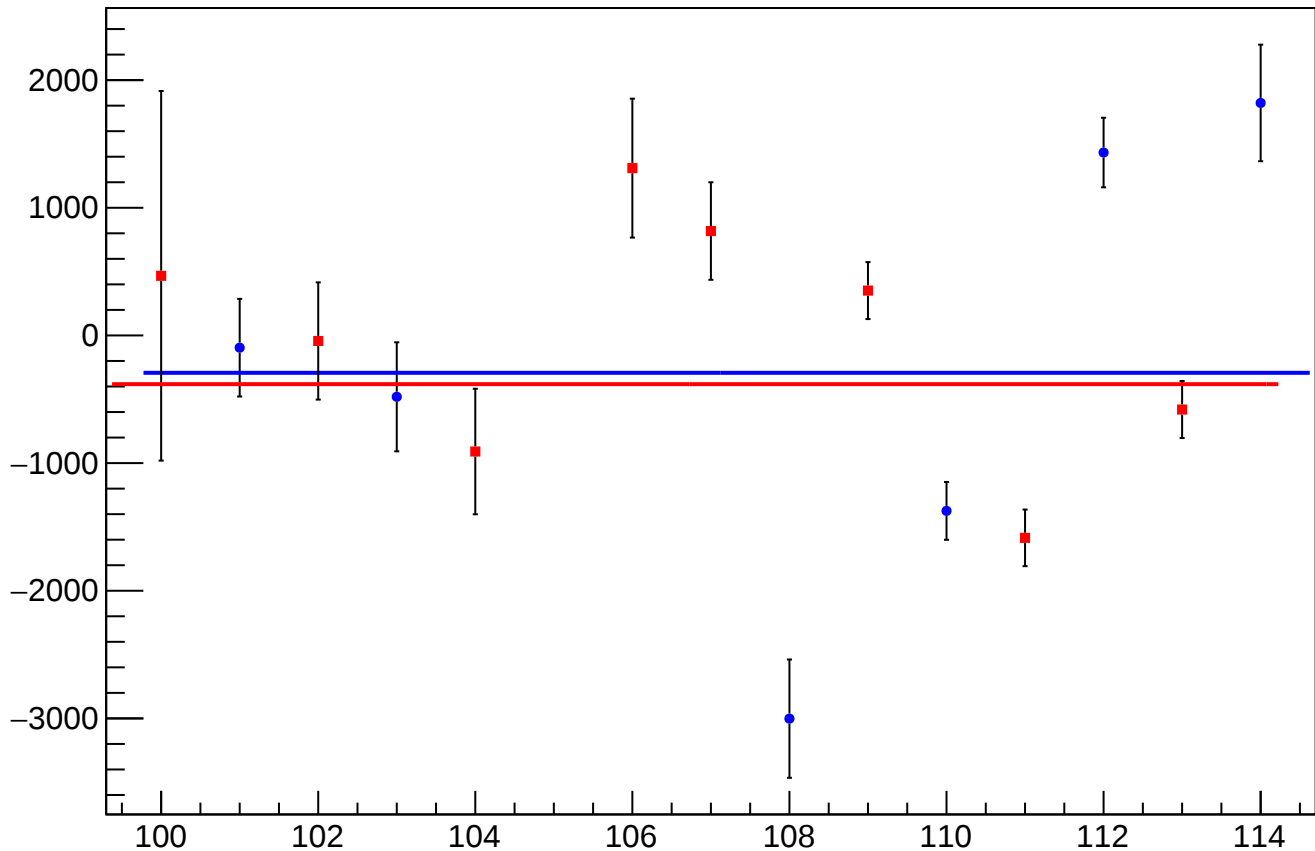
Right: 102.362+/-0.034 χ^2/NDF : 1799111.4/13

In: 106.163+/-0.054 χ^2/NDF :838662.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 102.362+/-0.034 χ^2/NDF : 1799111.4/13

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -292.738+/-135.149 χ^2/NDF : 119.0/5

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

Right Out: -381.690+/-111.744 χ^2/NDF : 62.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

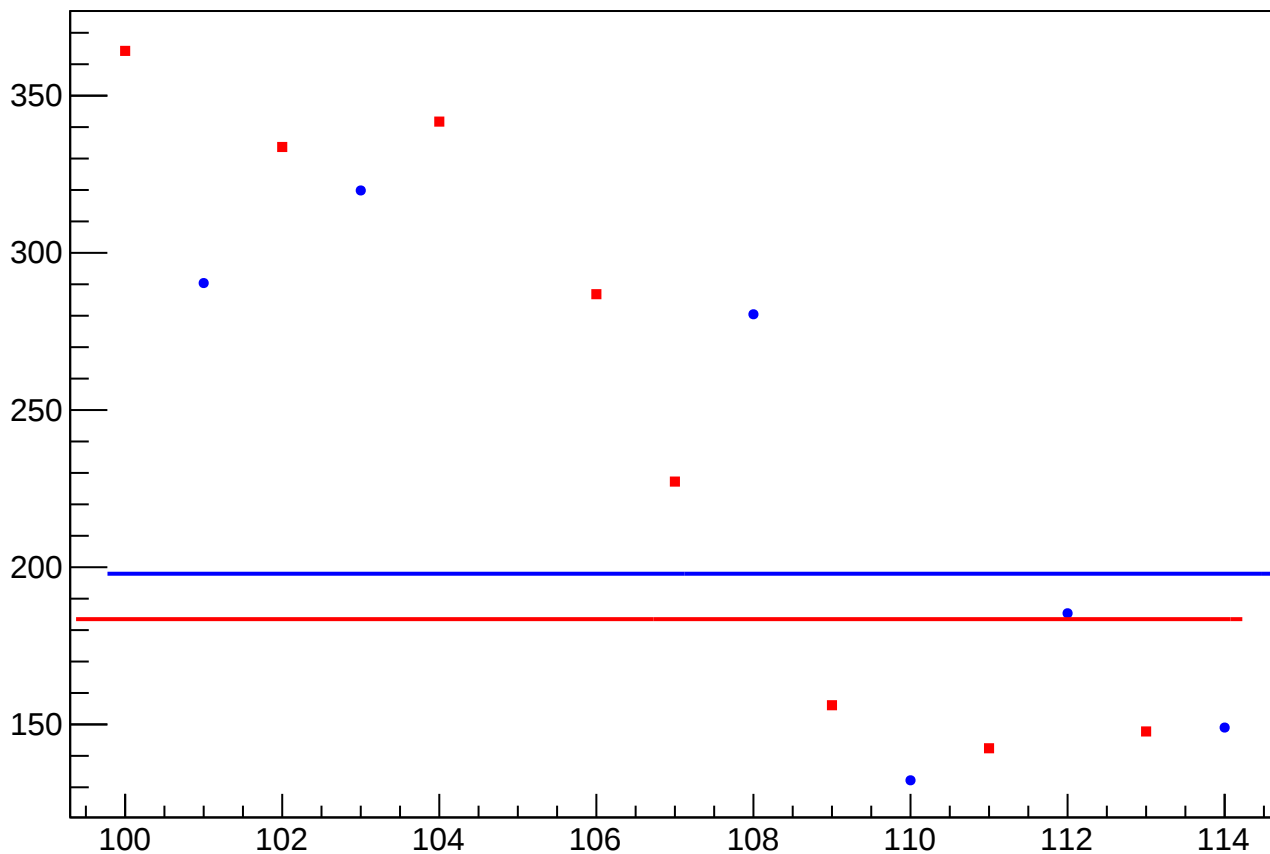
Right: -345.571+/-86.119 χ^2/NDF : 181.9/13

In: -292.738+/-135.149 χ^2/NDF :119.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -345.571+/-86.119 χ^2/NDF : 181.9/13

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 197.932 $\pm$ 0.096 χ^2 /NDF: 539034.5/5

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

Right Out: 183.487 $\pm$ 0.079 χ^2 /NDF: 700795.1/7

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

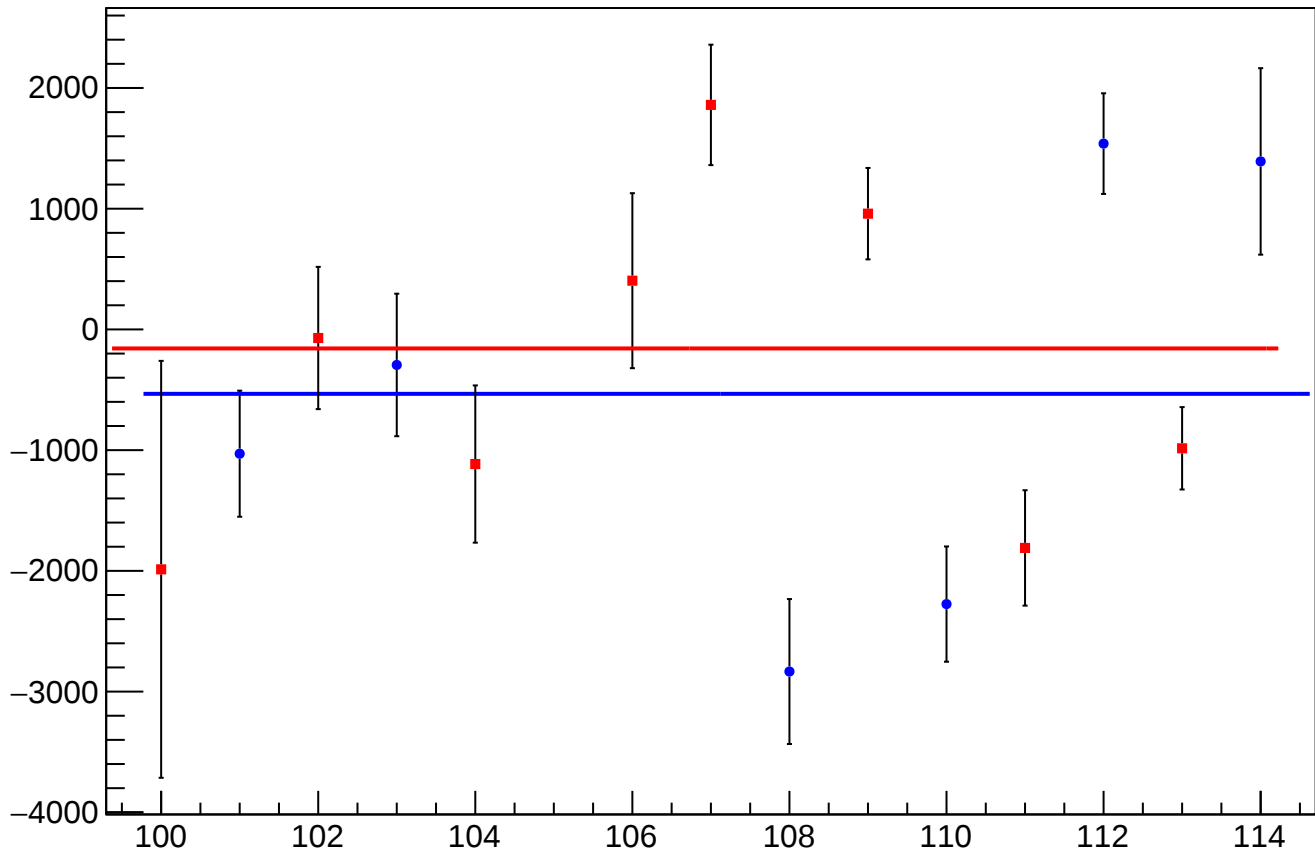
Right: 189.352 $\pm$ 0.061 χ^2 /NDF: 1253400.3/13

In: 197.932 $\pm$ 0.096 χ^2 /NDF: 539034.5/5

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

All: 189.352 $\pm$ 0.061 χ^2 /NDF: 1253400.3/13

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: -533.561+/-217.538 χ^2/NDF : 60.0/5

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

Right Out: -157.511+/-178.351 χ^2/NDF : 46.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

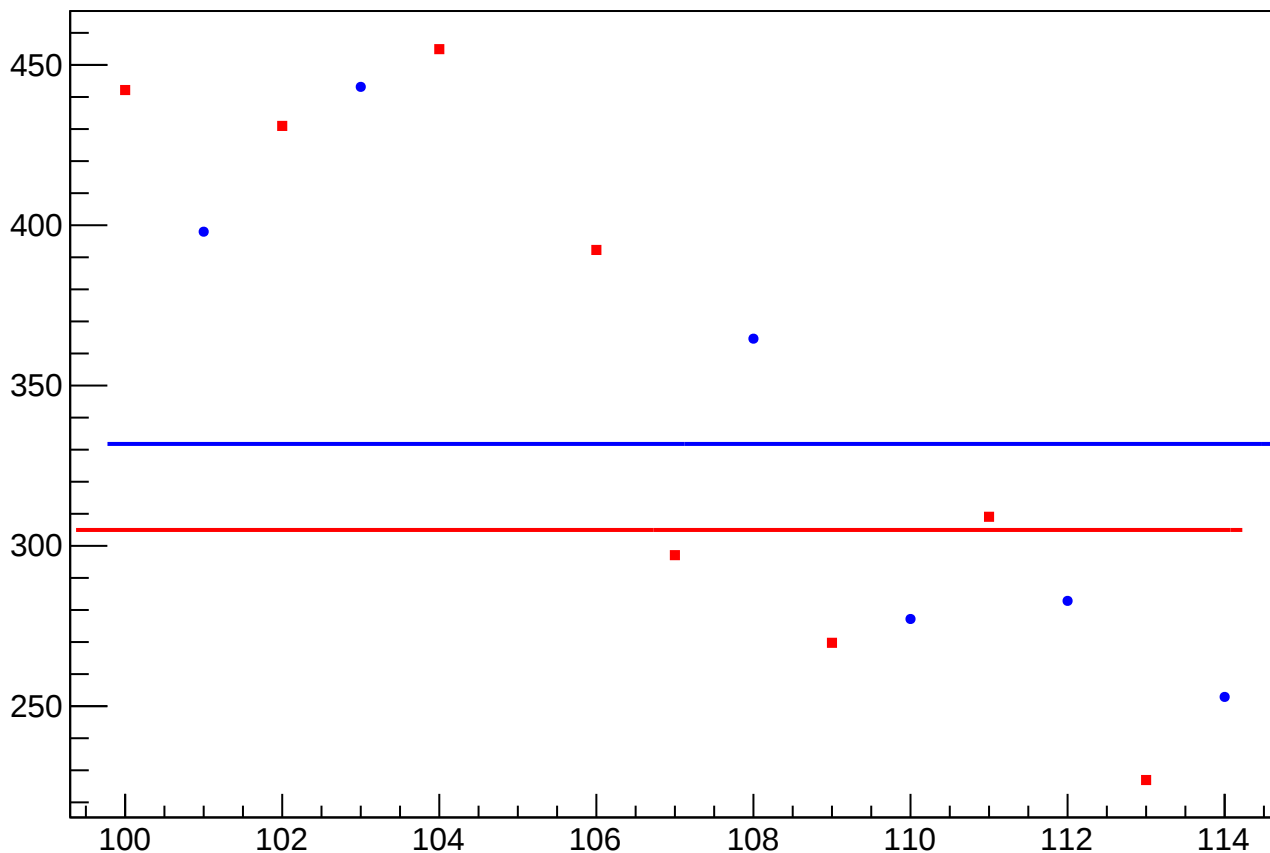
Right: -308.674+/-137.922 χ^2/NDF : 108.6/13

In: -533.561+/-217.538 χ^2/NDF : 60.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -308.674+/-137.922 χ^2/NDF : 108.6/13

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 331.790+/-0.154 χ^2/NDF : 183929.3/5

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

Right Out: 304.959+/-0.126 χ^2/NDF : 361625.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

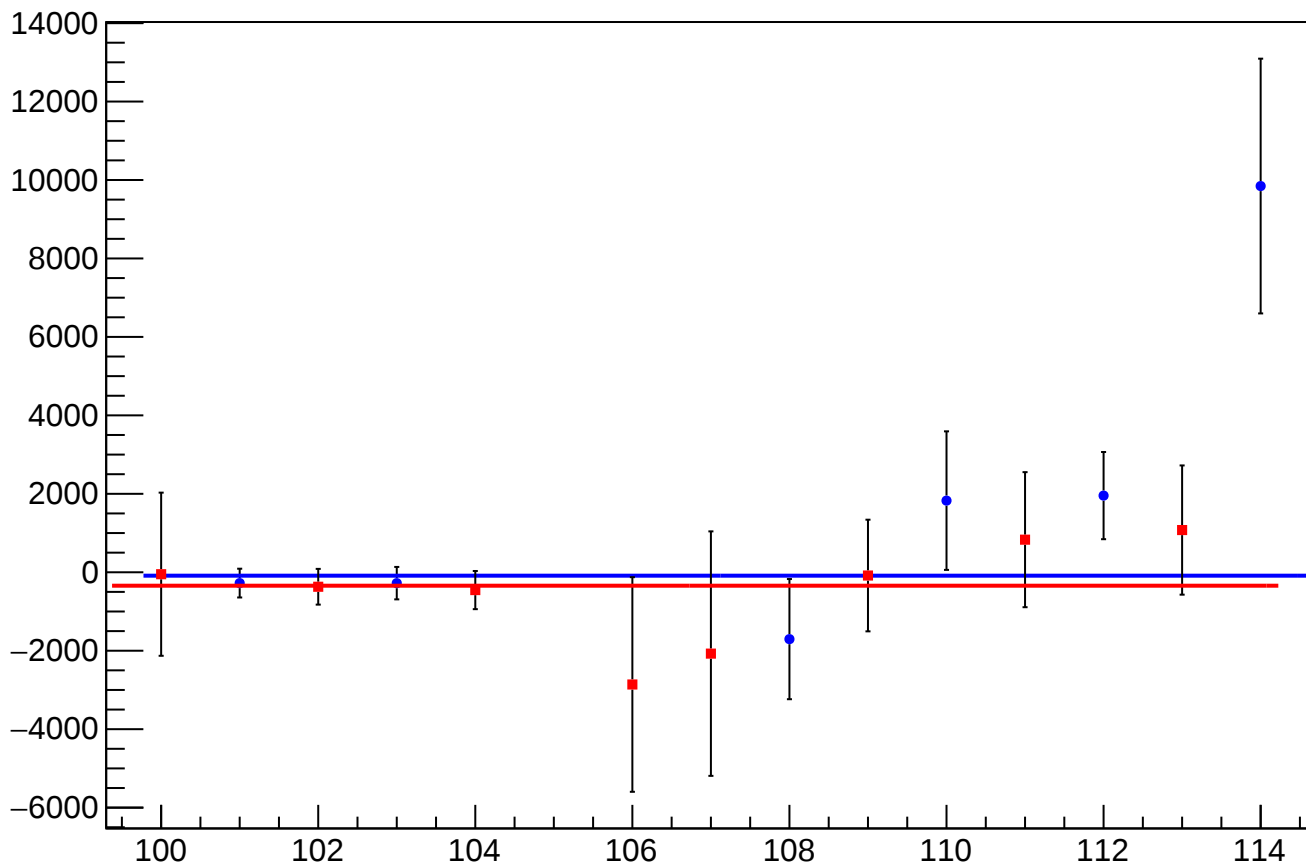
Right: 315.745+/-0.098 χ^2/NDF : 563750.9/13

In: 331.790+/-0.154 χ^2/NDF : 183929.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 315.745+/-0.098 χ^2/NDF : 563750.9/13

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -86.839+/-258.747 χ^2/NDF : 15.5/5

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

Right Out: -342.403+/-305.522 χ^2/NDF : 2.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

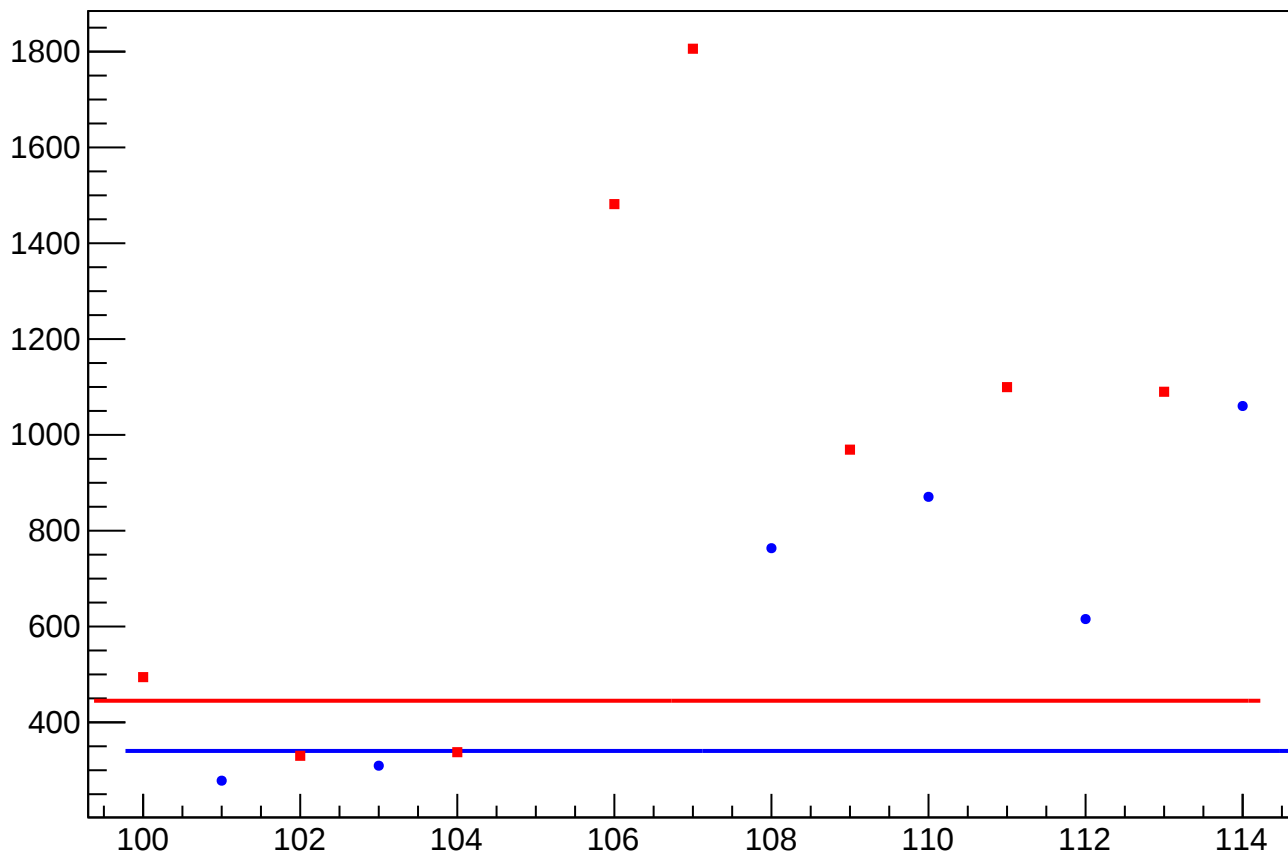
Right: -193.580+/-197.451 χ^2/NDF : 18.4/13

In: -86.839+/-258.747 χ^2/NDF : 15.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -193.580+/-197.451 χ^2/NDF : 18.4/13

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 340.302+/-0.183 χ^2/NDF : 622484.4/5

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

Right Out: 445.081+/-0.216 χ^2/NDF : 1761492.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

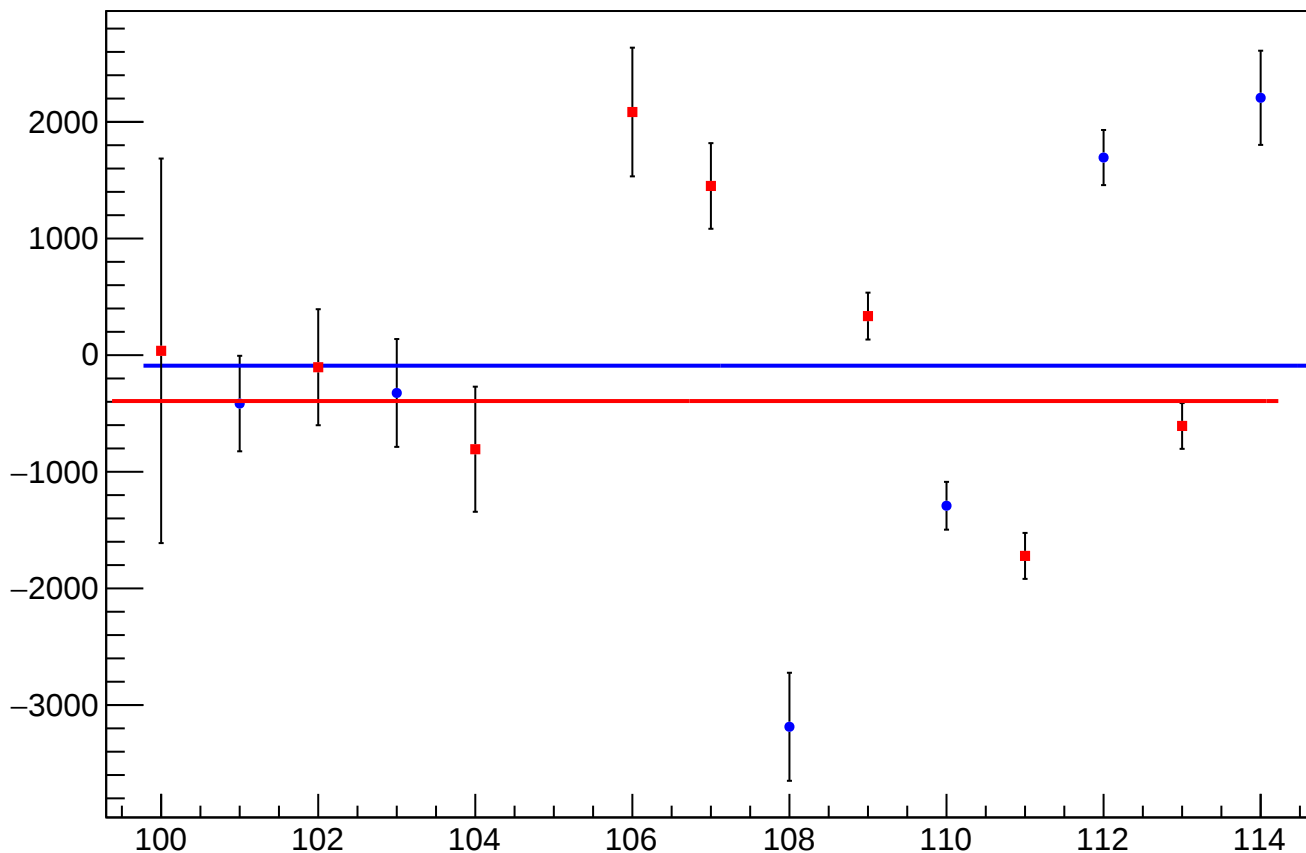
Right: 384.065+/-0.140 χ^2/NDF : 2520958.7/13

In: 340.302+/-0.183 χ^2/NDF : 622484.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 384.065+/-0.140 χ^2/NDF : 2520958.7/13

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: -90.319+/-125.836 χ^2/NDF : 169.3/5

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

Right Out: -393.476+/-102.582 χ^2/NDF : 106.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

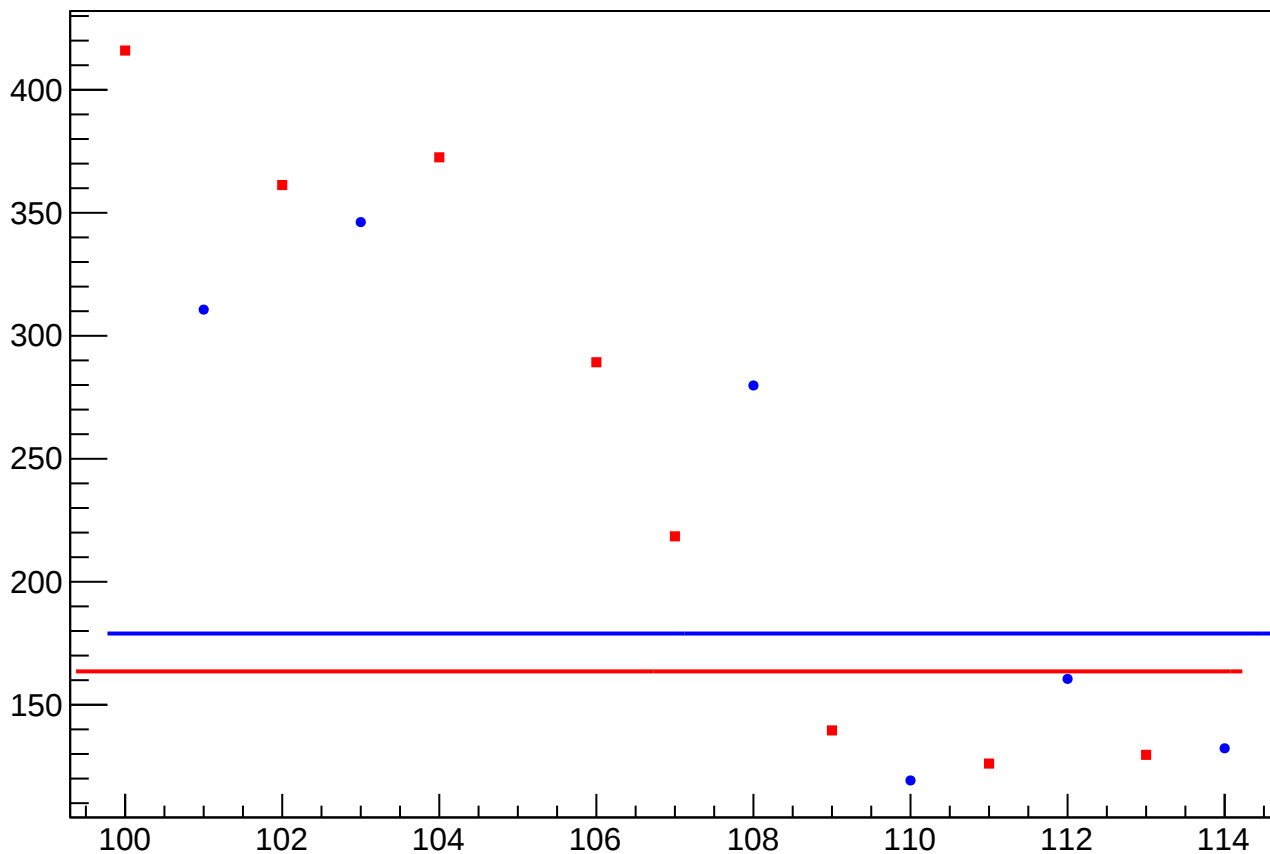
Right: -272.444+/-79.510 χ^2/NDF : 278.9/13

In: -90.319+/-125.836 χ^2/NDF : 169.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -272.444+/-79.510 χ^2/NDF : 278.9/13

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 178.967+/-0.089 χ^2/NDF : 772157.8/5

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

Right Out: 163.575+/-0.073 χ^2/NDF : 975470.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

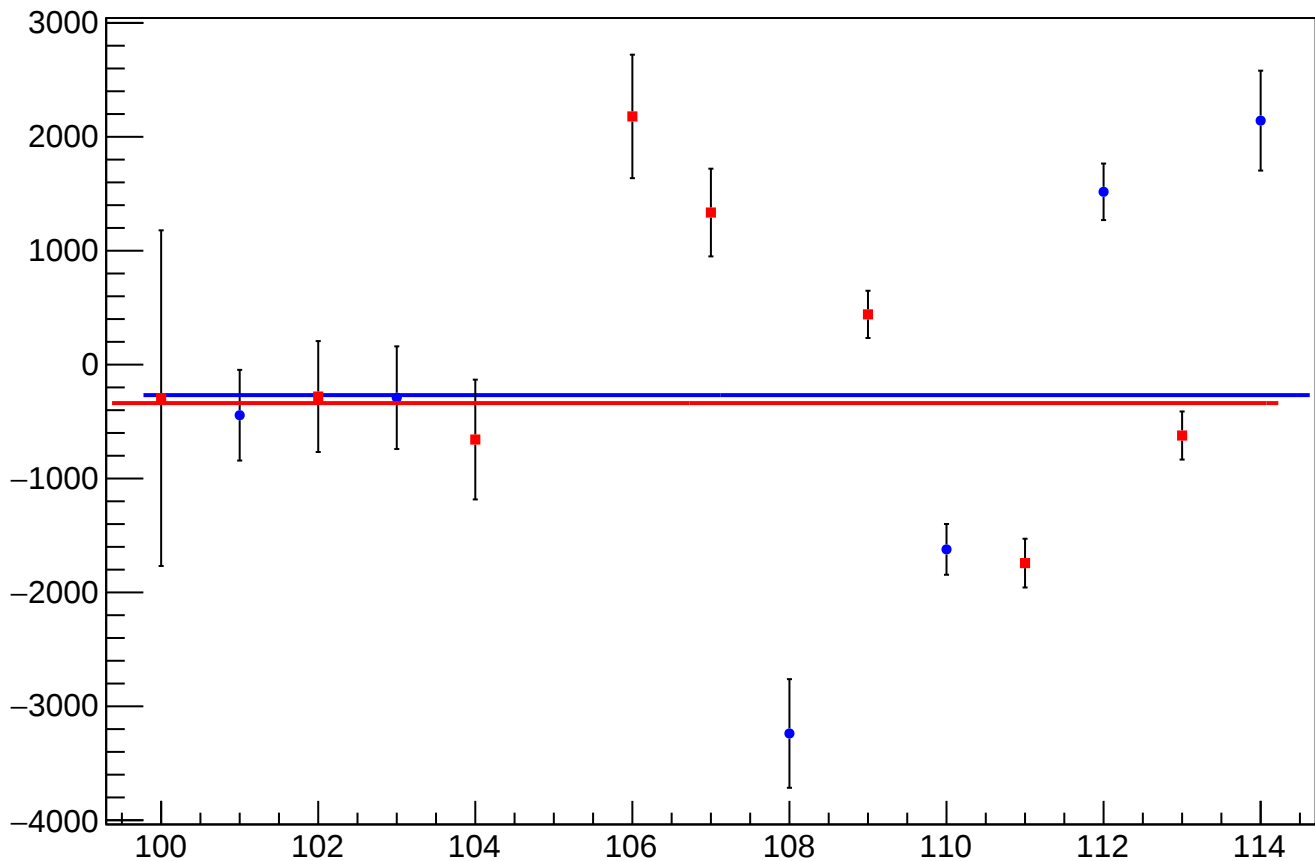
Right: 169.720+/-0.056 χ^2/NDF : 1765606.1/13

In: 178.967+/-0.089 χ^2/NDF : 772157.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.720+/-0.056 χ^2/NDF : 1765606.1/13

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: -267.739+/-132.179 χ^2 /NDF: 158.0/5

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

Right Out: -337.673+/-107.864 χ^2 /NDF: 99.8/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

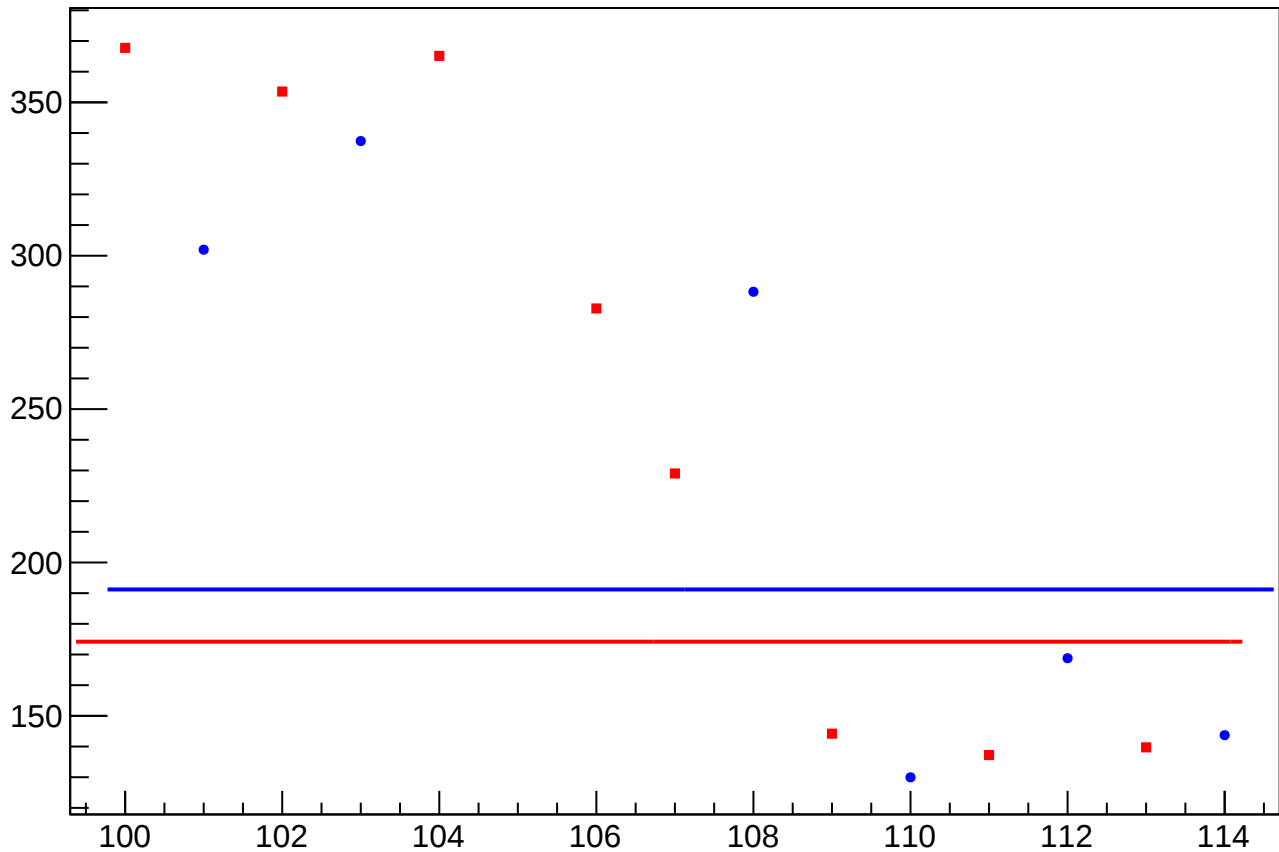
Right: -309.718+/-83.569 χ^2 /NDF: 258.0/13

In: -267.739+/-132.179 χ^2 /NDF:158.0/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -309.718+/-83.569 χ^2 /NDF: 258.0/13

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 191.206+/-0.093 χ^2/NDF : 638937.6/5

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

Right Out: 174.178+/-0.076 χ^2/NDF : 845309.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

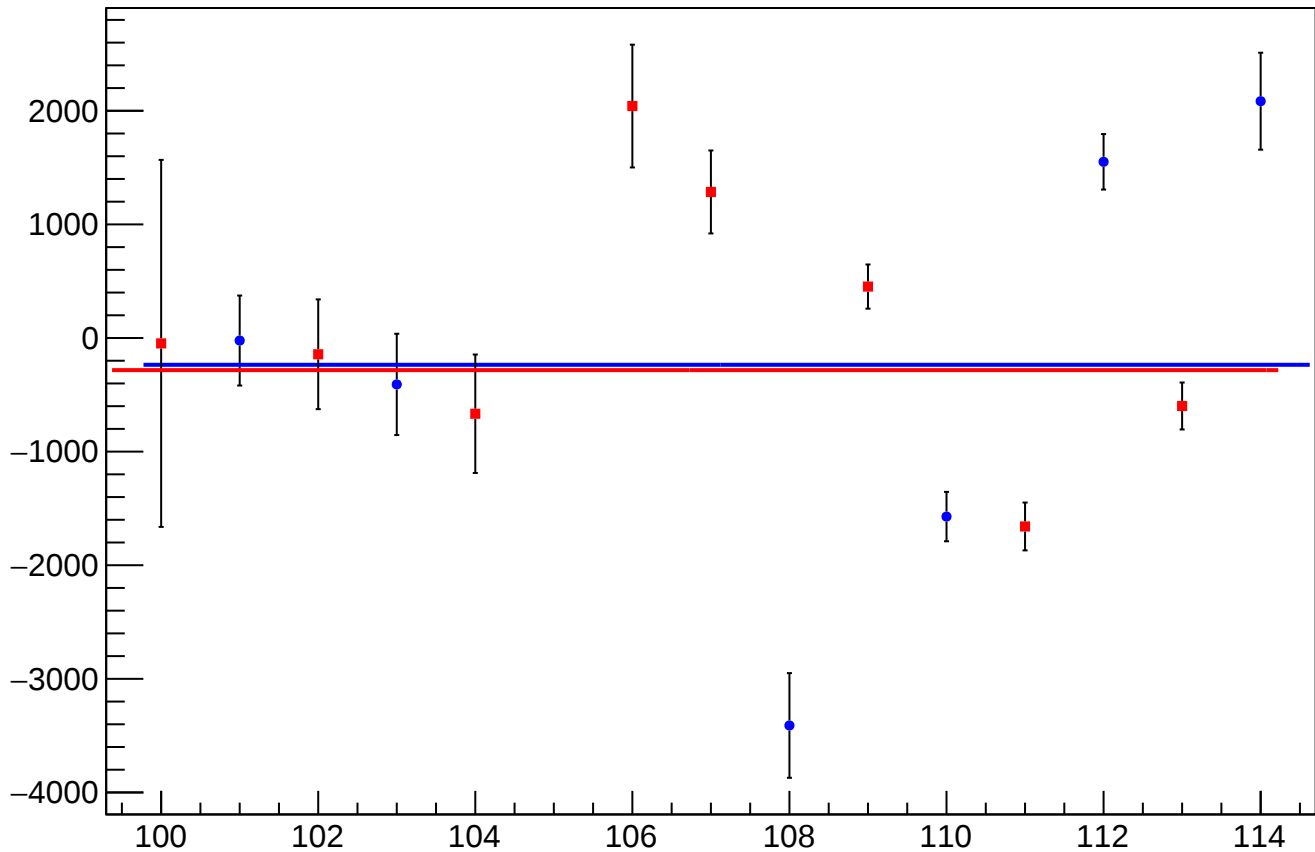
Right: 180.985+/-0.059 χ^2/NDF : 1504172.6/13

In: 191.206+/-0.093 χ^2/NDF : 638937.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.985+/-0.059 χ^2/NDF : 1504172.6/13

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: -235.808+/-129.626 χ^2/NDF : 168.8/5

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

Right Out: -282.733+/-104.414 χ^2/NDF : 96.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

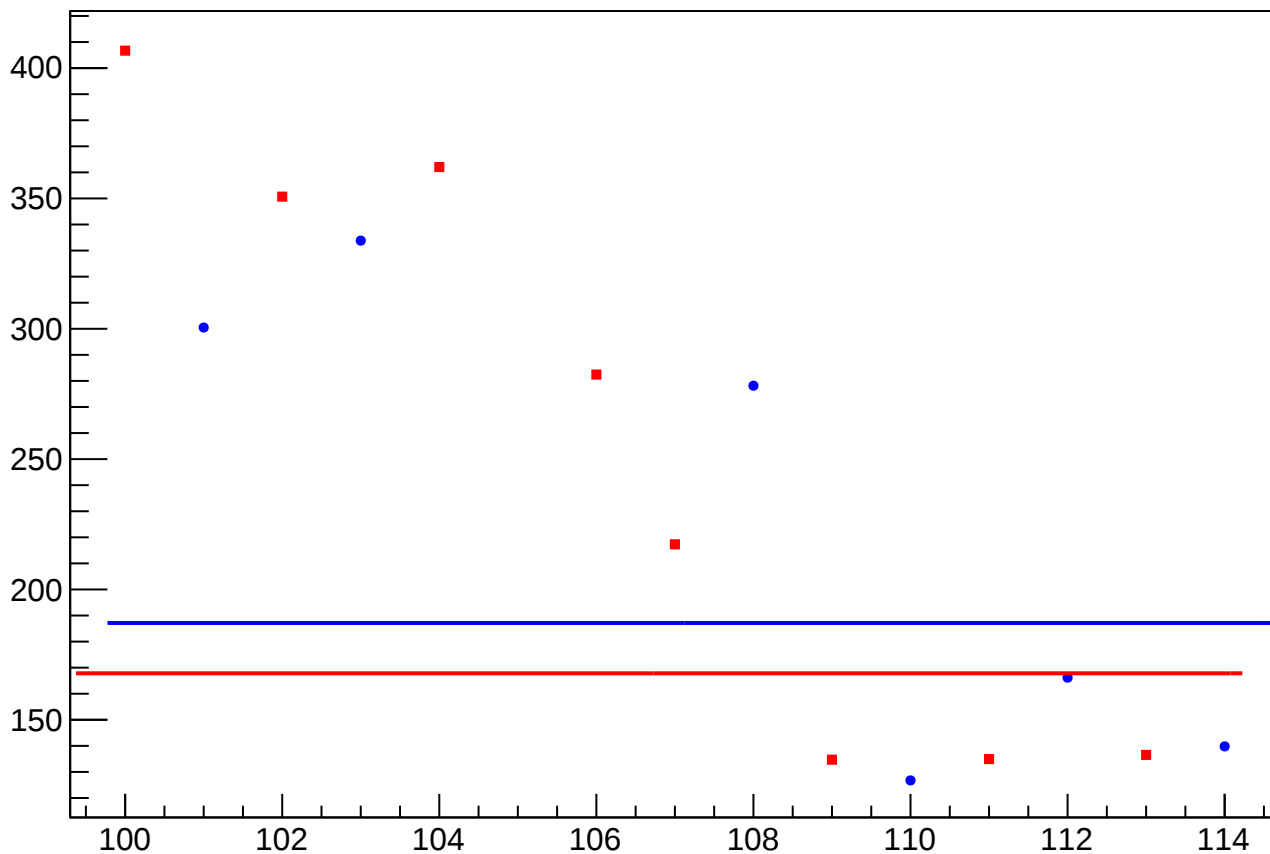
Right: -264.268+/-81.315 χ^2/NDF : 265.8/13

In: -235.808+/-129.626 χ^2/NDF : 168.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -264.268+/-81.315 χ^2/NDF : 265.8/13

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 187.149+/-0.092 χ^2/NDF : 651739.5/5

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

Right Out: 167.834+/-0.074 χ^2/NDF : 887299.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

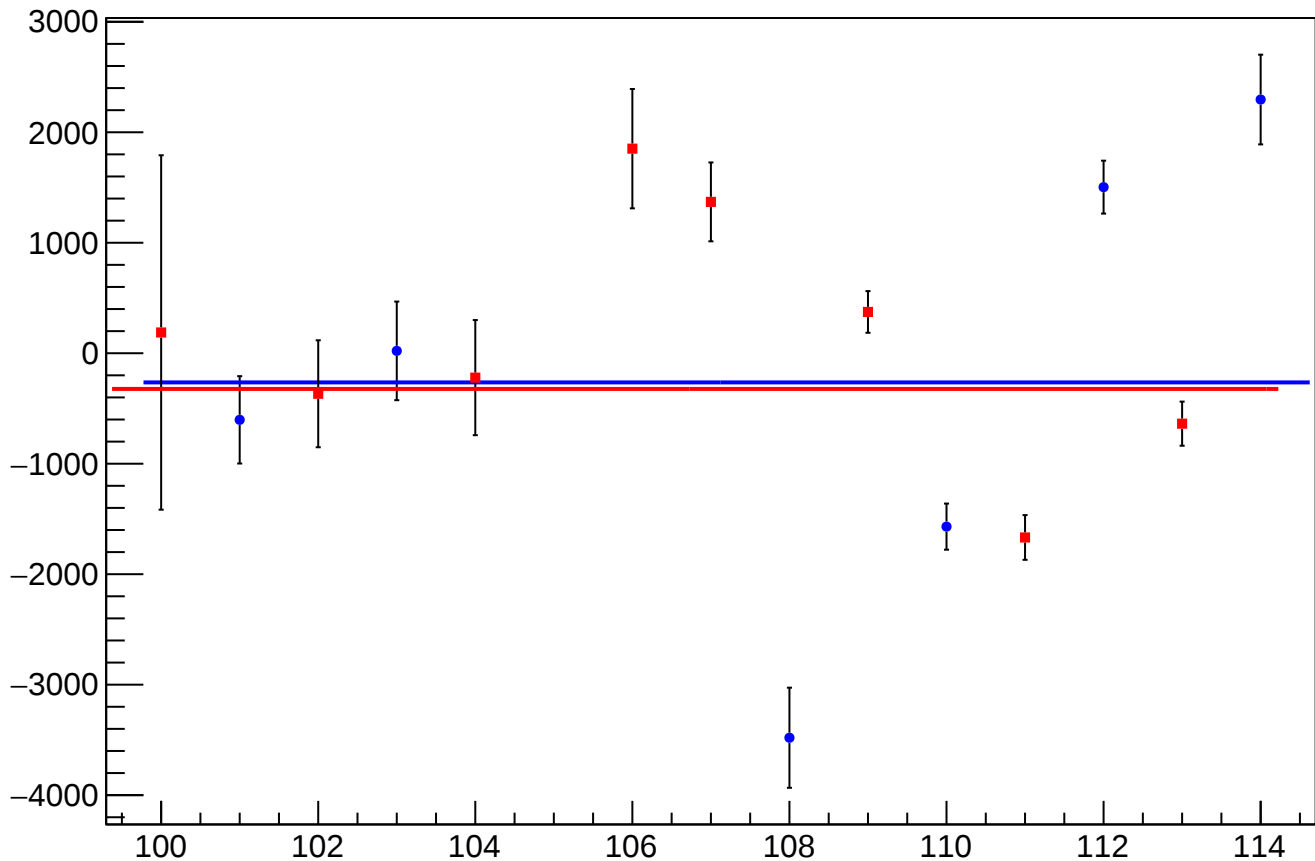
Right: 175.435+/-0.057 χ^2/NDF : 1565970.6/13

In: 187.149+/-0.092 χ^2/NDF : 651739.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.435+/-0.057 χ^2/NDF : 1565970.6/13

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: -264.058+/-126.265 χ^2/NDF : 184.8/5

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

Right Out: -322.966+/-101.404 χ^2/NDF : 99.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

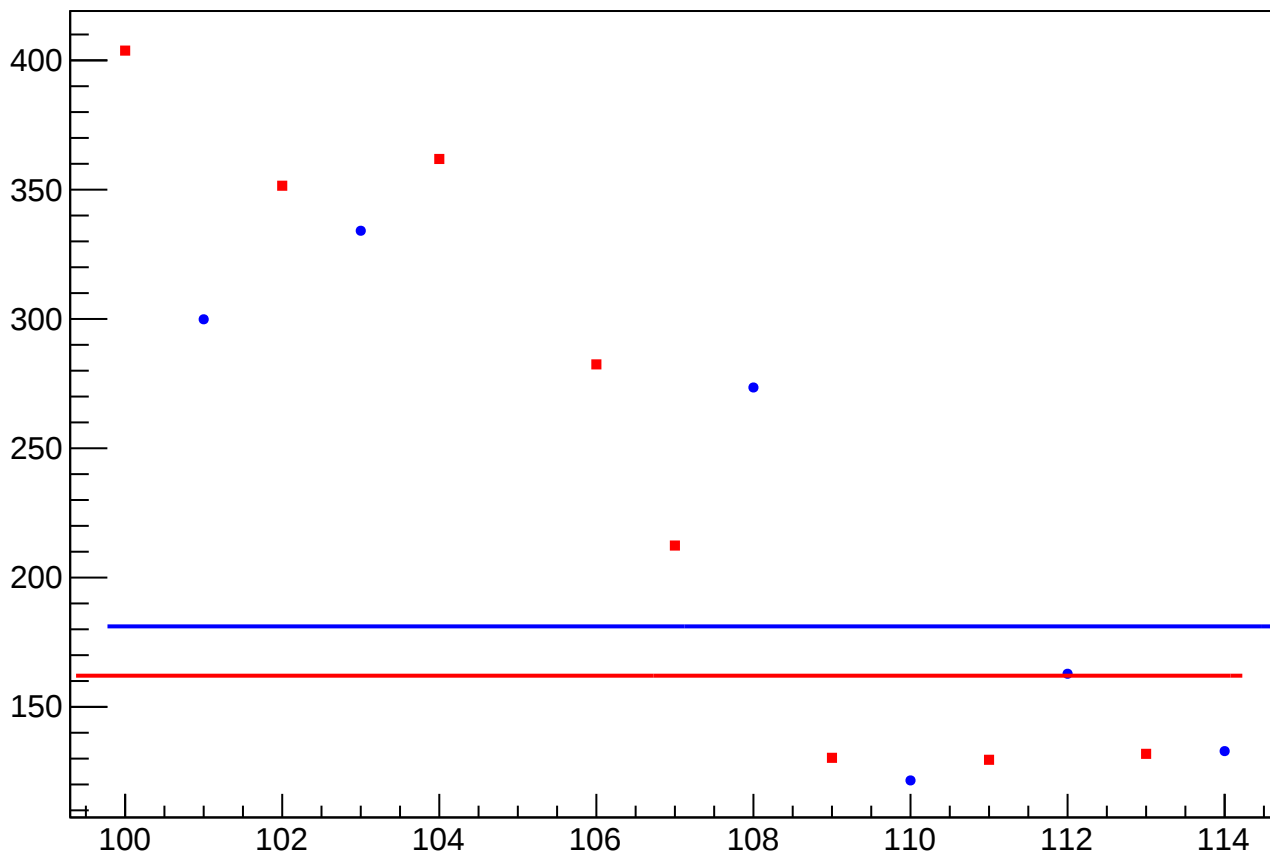
Right: -299.869+/-79.063 χ^2/NDF : 284.1/13

In: -264.058+/-126.265 χ^2/NDF : 184.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -299.869+/-79.063 χ^2/NDF : 284.1/13

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 181.131+/-0.089 χ^2/NDF : 701257.3/5

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

Right Out: 162.064+/-0.072 χ^2/NDF : 939007.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

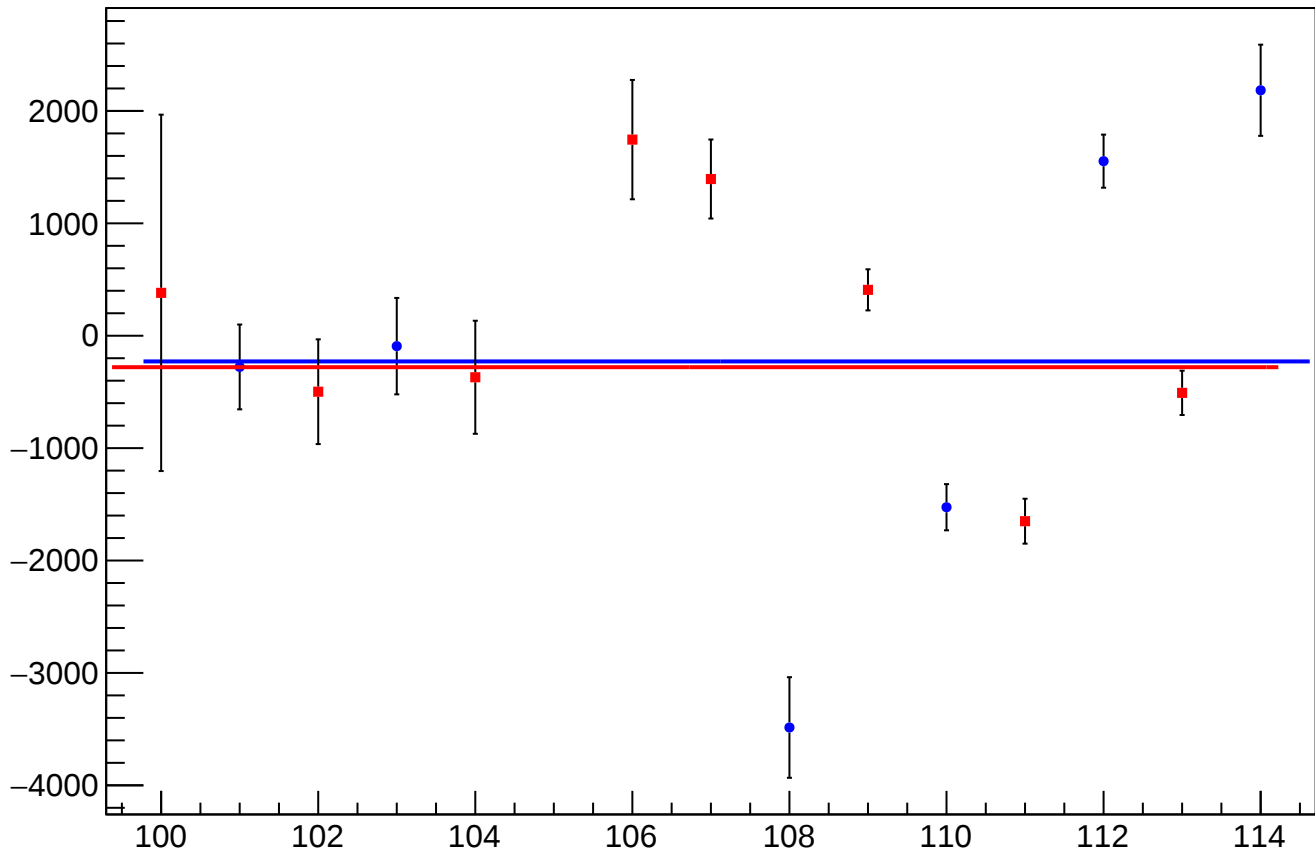
Right: 169.540+/-0.056 χ^2/NDF : 1667990.9/13

In: 181.131+/-0.089 χ^2/NDF : 701257.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.540+/-0.056 χ^2/NDF : 1667990.9/13

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -228.551+/-123.908 χ^2/NDF : 185.2/5

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

Right Out: -279.827+/-99.367 χ^2/NDF : 100.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

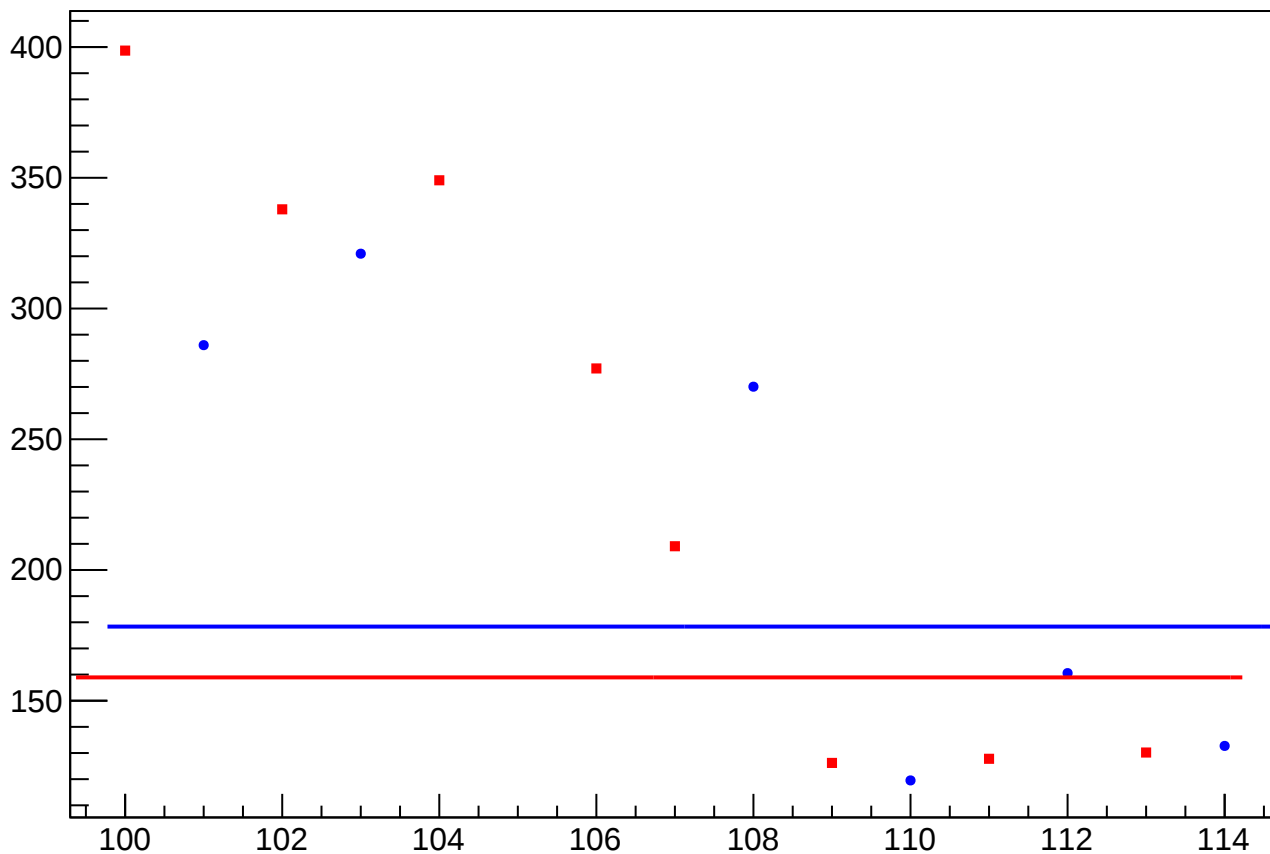
Right: -259.758+/-77.519 χ^2/NDF : 285.5/13

In: -228.551+/-123.908 χ^2/NDF : 185.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -259.758+/-77.519 χ^2/NDF : 285.5/13

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 178.354+/-0.088 χ^2/NDF : 668617.8/5

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

Right Out: 158.920+/-0.070 χ^2/NDF : 921548.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

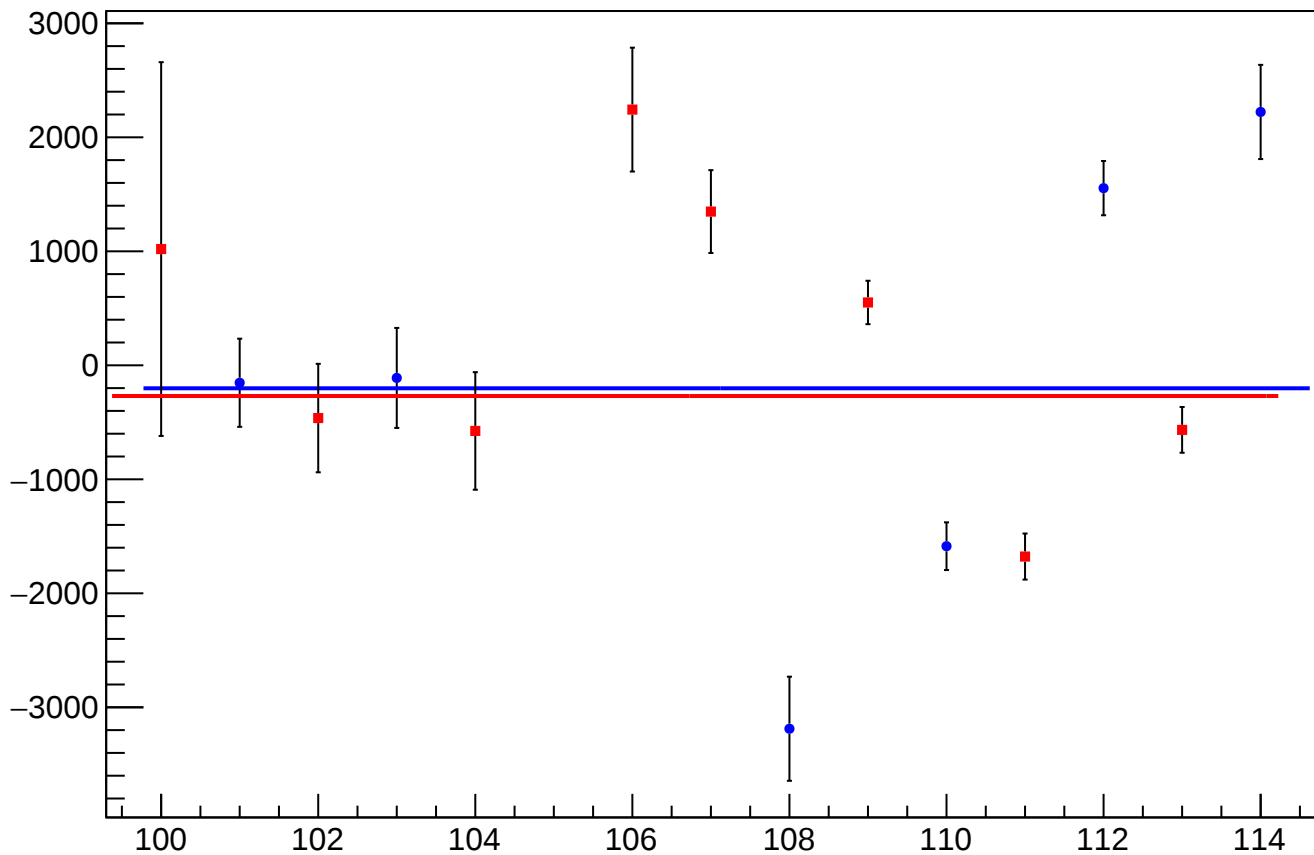
Right: 166.527+/-0.055 χ^2/NDF : 1620108.3/13

In: 178.354+/-0.088 χ^2/NDF : 668617.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.527+/-0.055 χ^2/NDF : 1620108.3/13

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: -201.572+/-125.952 χ^2/NDF : 175.5/5

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

Right Out: -269.300+/-101.822 χ^2/NDF : 111.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

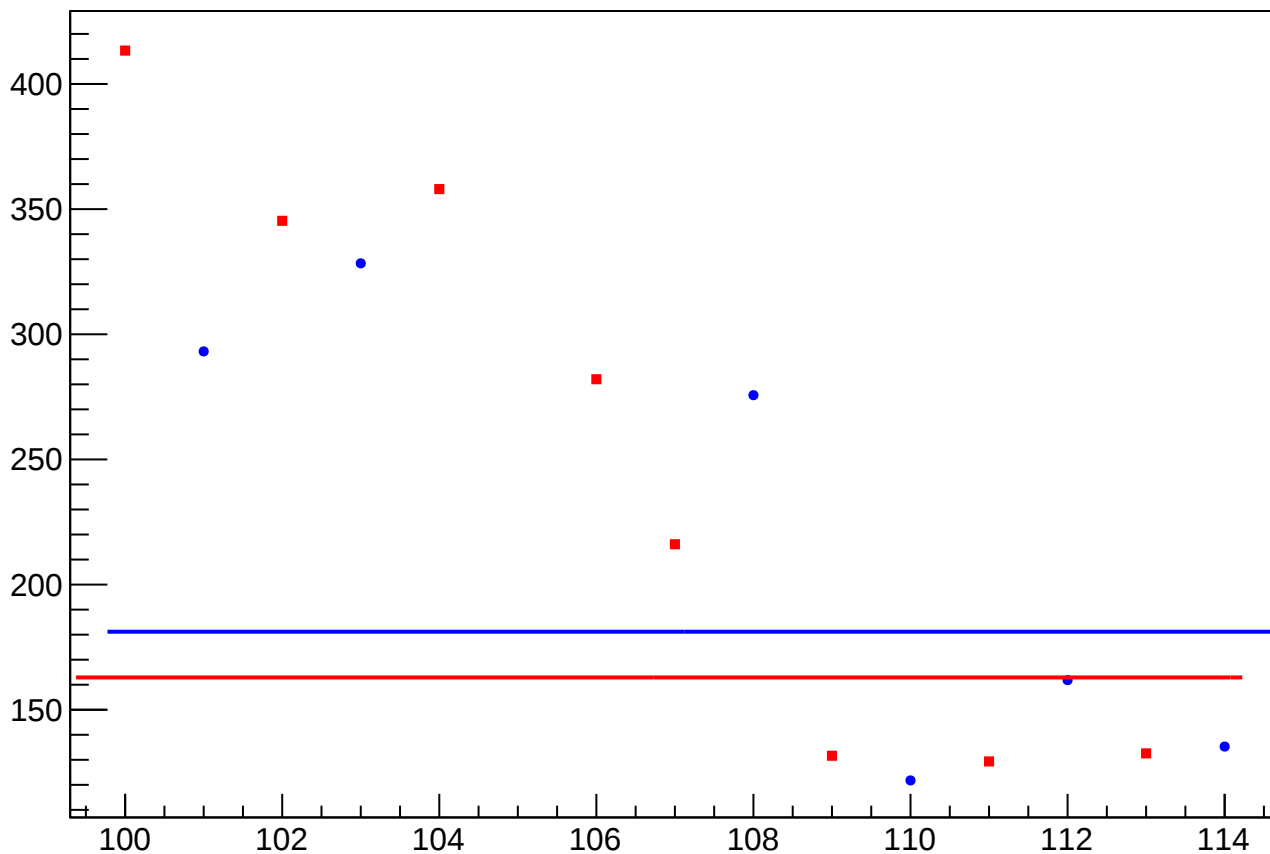
Right: -242.531+/-79.184 χ^2/NDF : 287.4/13

In: -201.572+/-125.952 χ^2/NDF :175.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -242.531+/-79.184 χ^2/NDF : 287.4/13

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 181.178+/-0.089 χ^2/NDF : 677802.1/5

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

Right Out: 162.911+/-0.072 χ^2/NDF : 920977.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

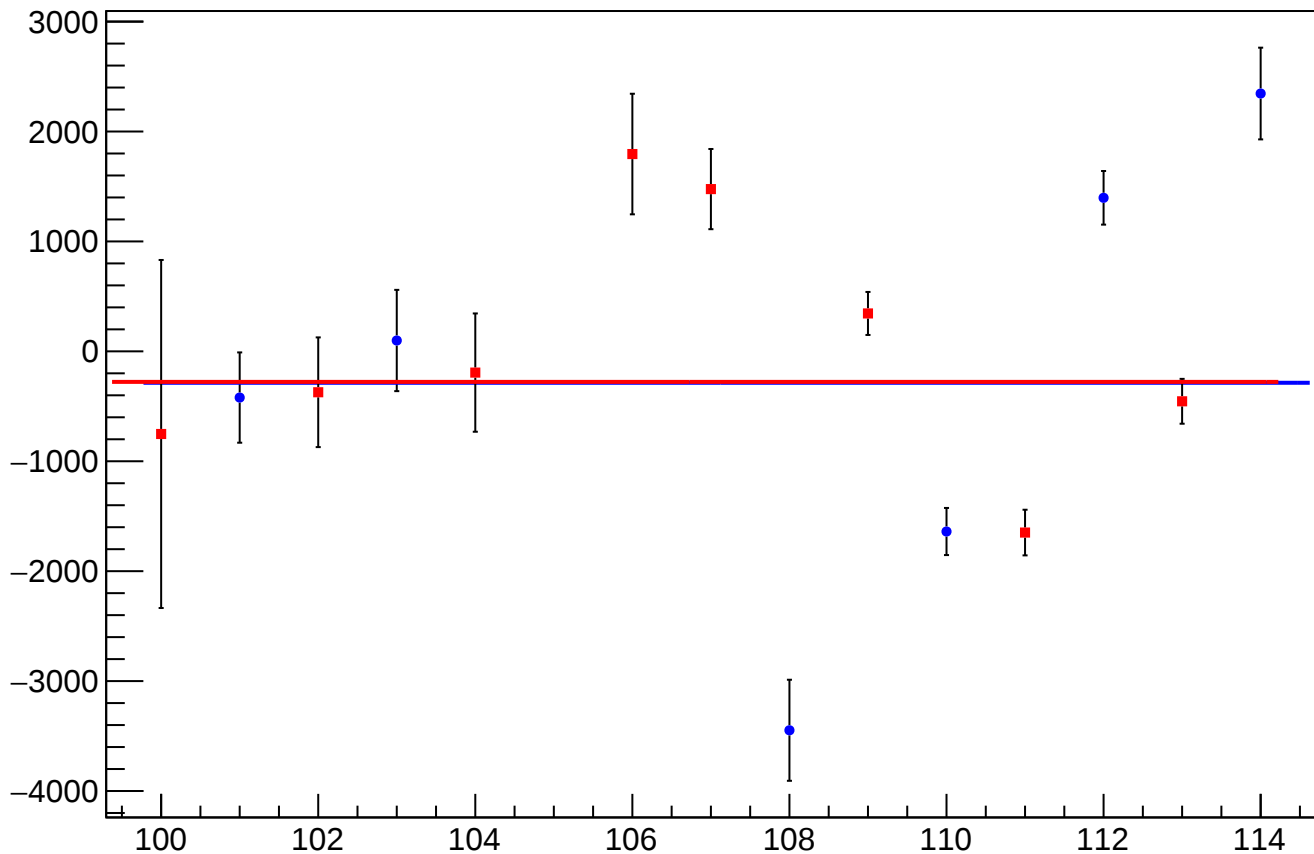
Right: 170.131+/-0.056 χ^2/NDF : 1624219.7/13

In: 181.178+/-0.089 χ^2/NDF : 677802.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.131+/-0.056 χ^2/NDF : 1624219.7/13

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: -285.986+/-129.436 χ^2/NDF : 175.3/5

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

Right Out: -277.867+/-104.230 χ^2/NDF : 92.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

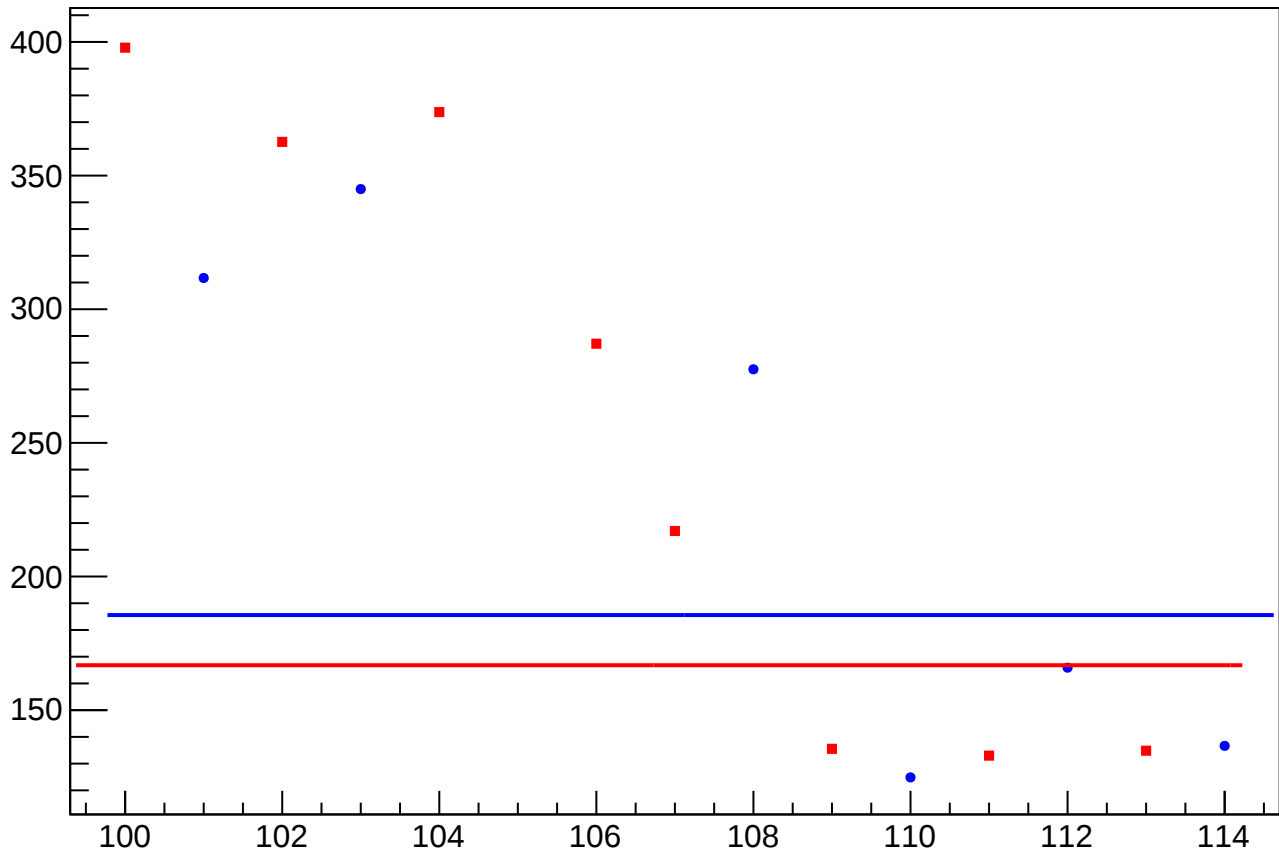
Right: -281.060+/-81.181 χ^2/NDF : 267.4/13

In: -285.986+/-129.436 χ^2/NDF : 175.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -281.060+/-81.181 χ^2/NDF : 267.4/13

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 185.576+/-0.092 χ^2/NDF : 709078.1/5

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

Right Out: 166.812+/-0.074 χ^2/NDF : 933712.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

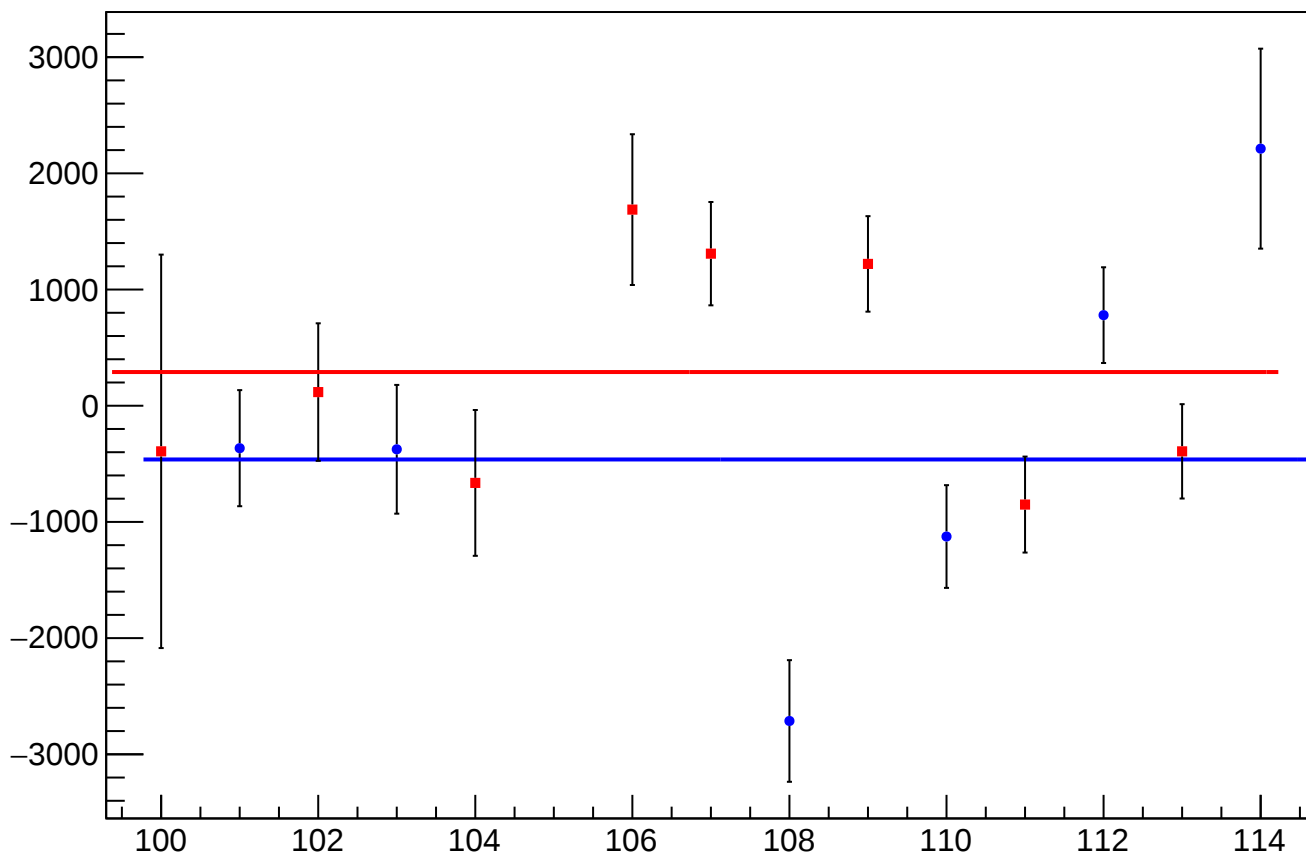
Right: 174.193+/-0.057 χ^2/NDF : 1668287.0/13

In: 185.576+/-0.092 χ^2/NDF : 709078.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.193+/-0.057 χ^2/NDF : 1668287.0/13

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -462.496+/-207.289 χ^2/NDF : 39.6/5

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

Right Out: 290.001+/-179.529 χ^2/NDF : 28.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

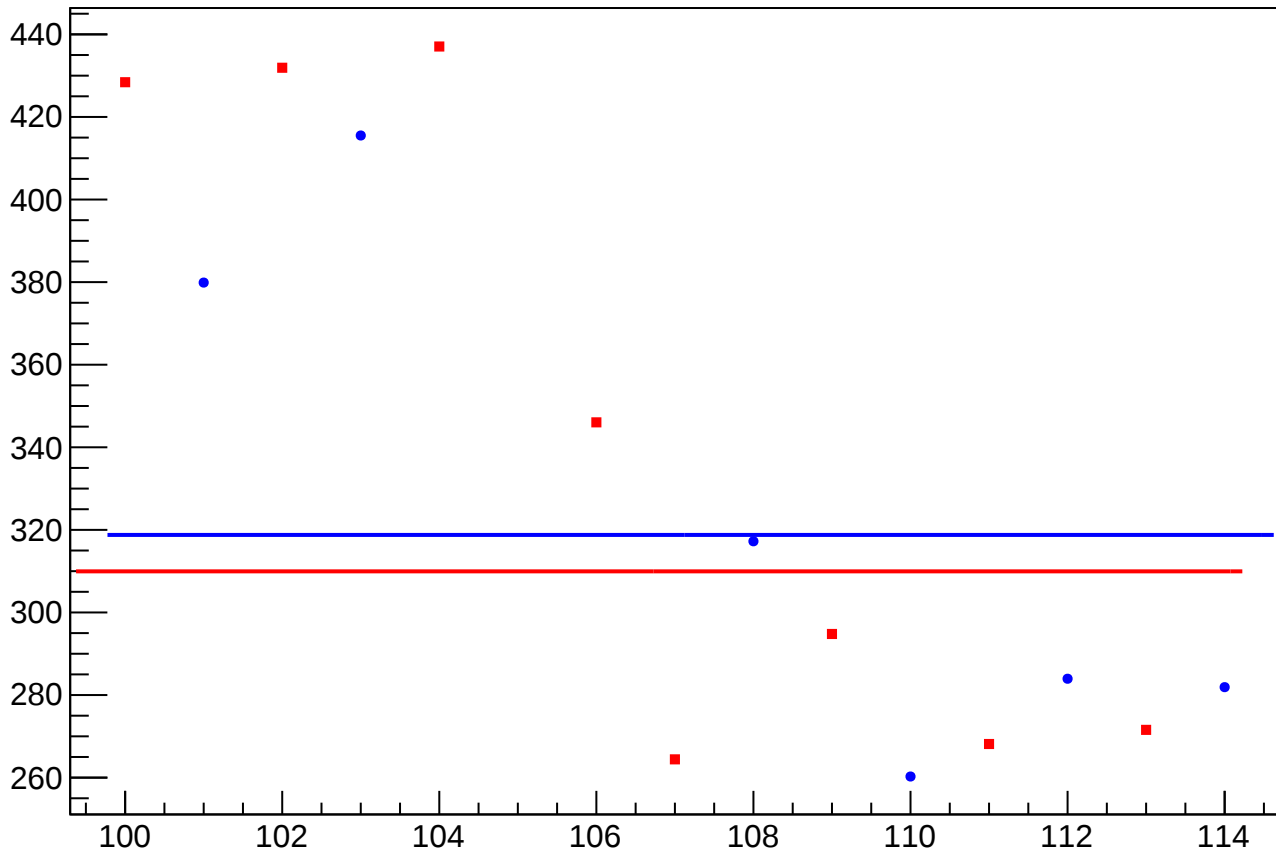
Right: -32.521+/-135.707 χ^2/NDF : 75.1/13

In: -462.496+/-207.289 χ^2/NDF : 39.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.521+/-135.707 χ^2/NDF : 75.1/13

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 318.777+/-0.147 χ^2/NDF : 143898.4/5

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

Right Out: 309.955+/-0.127 χ^2/NDF : 245036.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

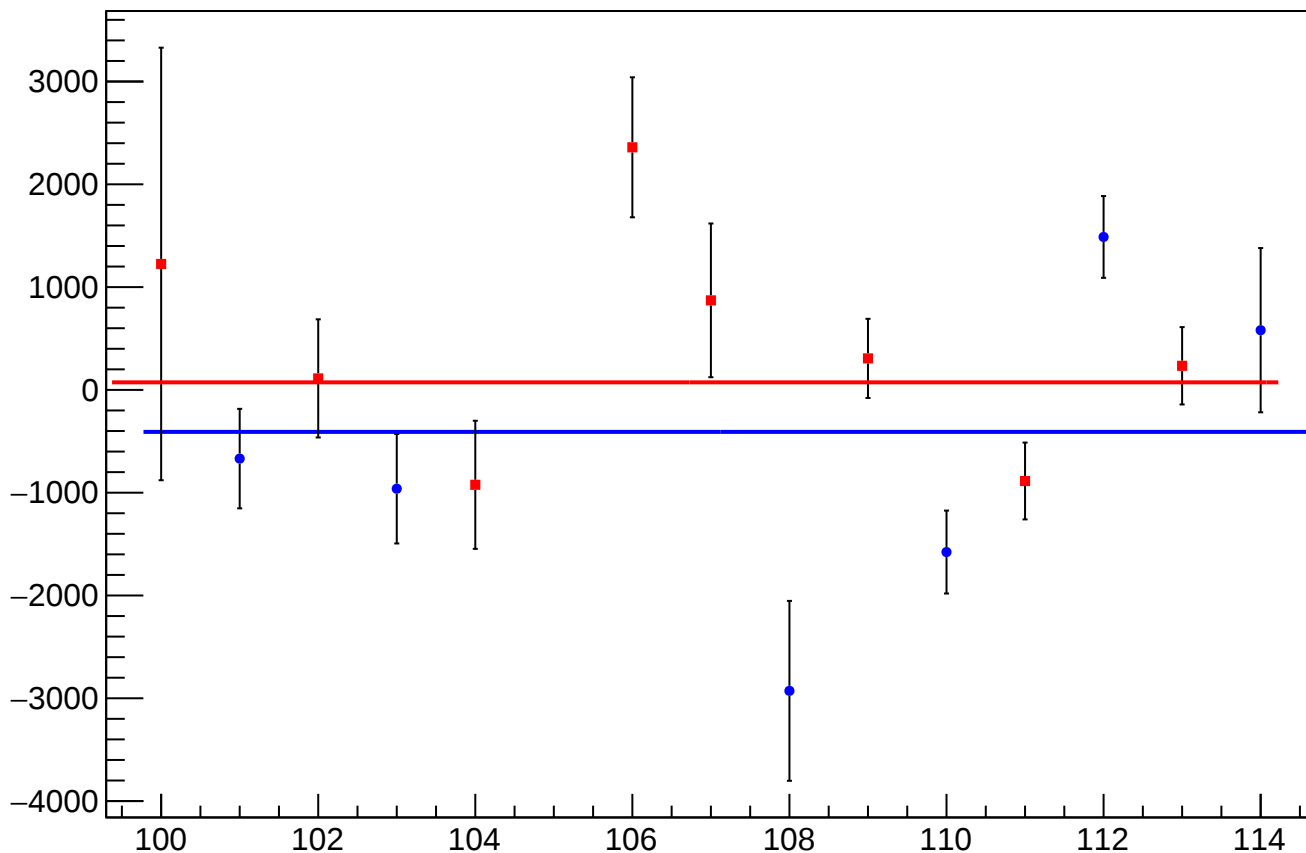
Right: 313.736+/-0.096 χ^2/NDF : 391004.7/13

In: 318.777+/-0.147 χ^2/NDF : 143898.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 313.736+/-0.096 χ^2/NDF : 391004.7/13

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -408.387+/-207.906 χ^2/NDF : 42.3/5

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

Right Out: 73.591+/-180.347 χ^2/NDF : 22.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

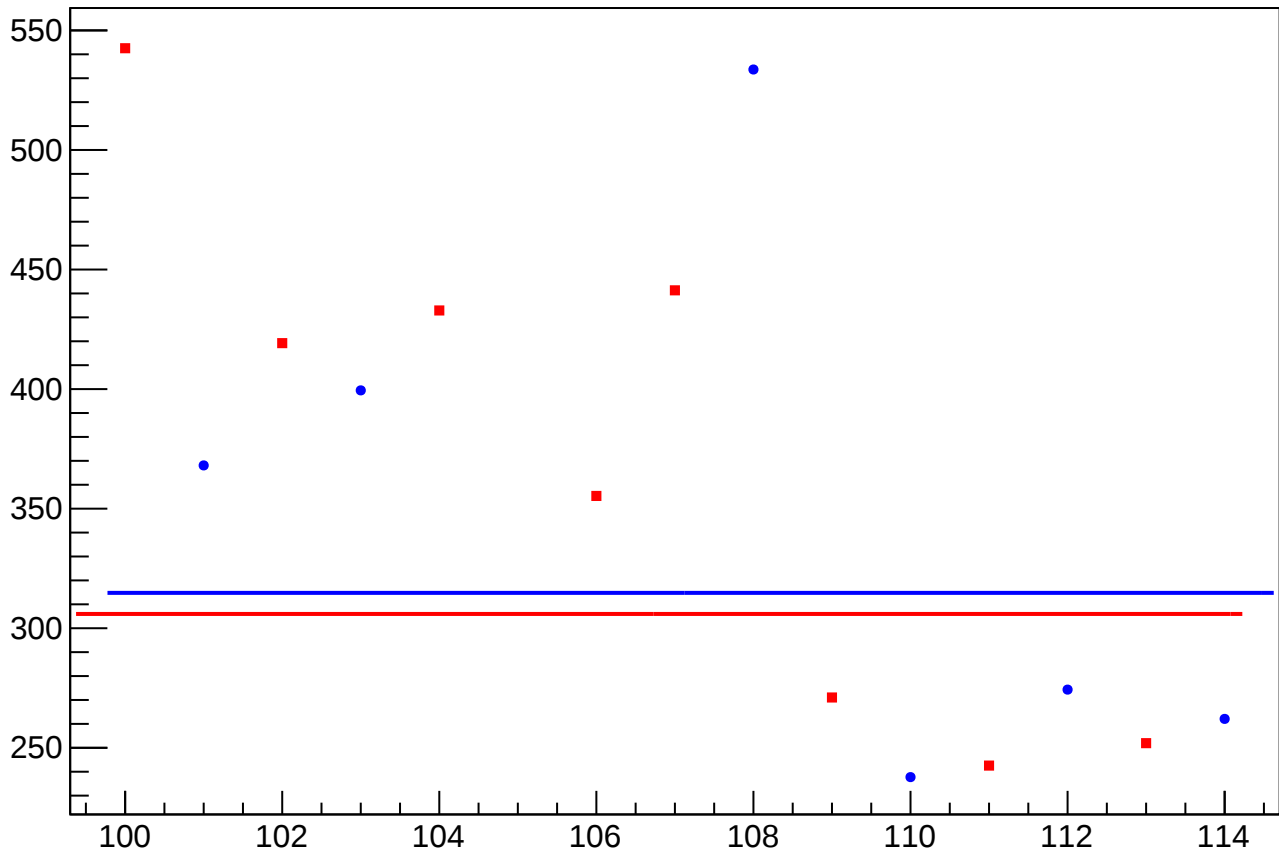
Right: -133.357+/-136.234 χ^2/NDF : 67.8/13

In: -408.387+/-207.906 χ^2/NDF :42.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -133.357+/-136.234 χ^2/NDF : 67.8/13

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 314.789+/-0.147 χ^2/NDF : 302304.4/5

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

Right Out: 305.973+/-0.128 χ^2/NDF : 377217.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

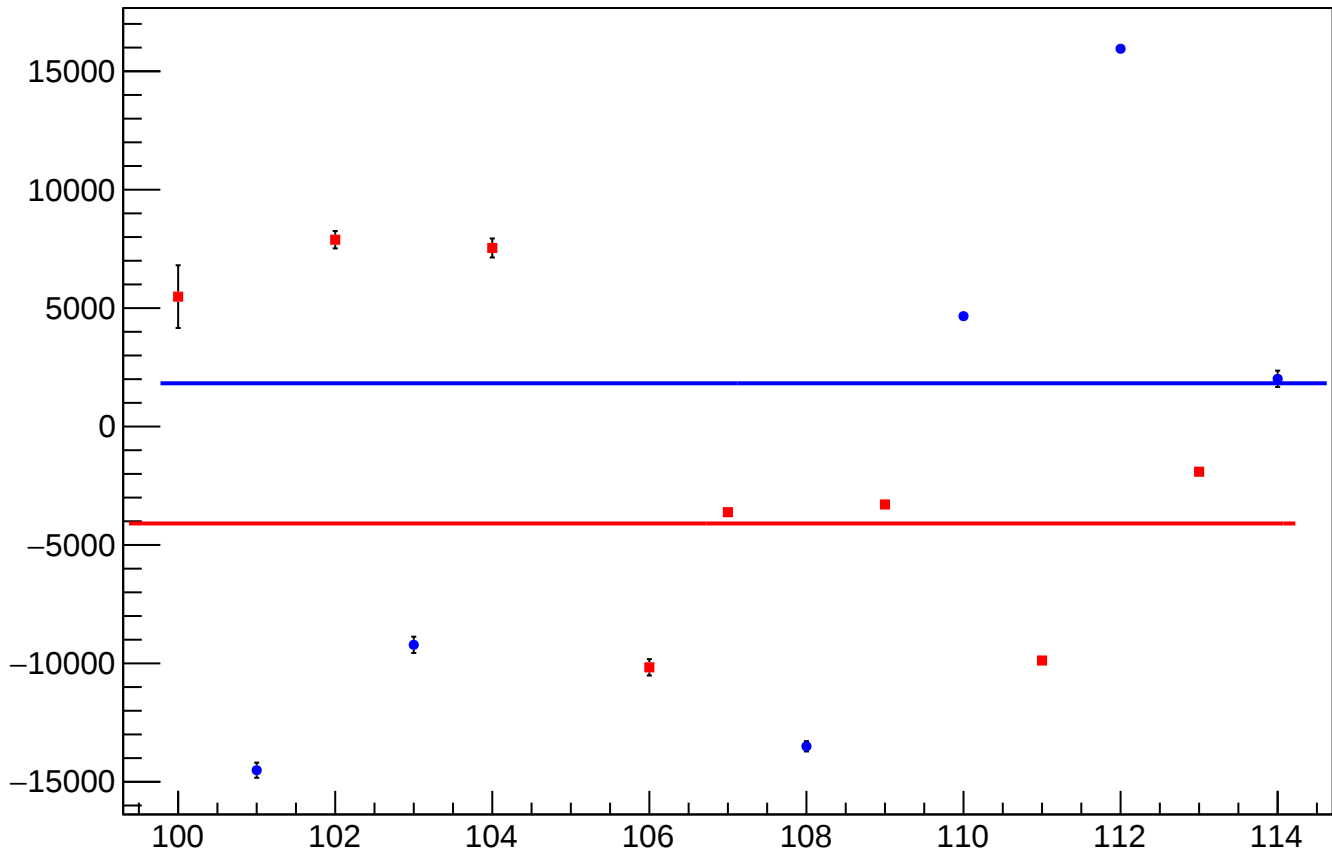
Right: 309.758+/-0.096 χ^2/NDF : 681574.3/13

In: 314.789+/-0.147 χ^2/NDF : 302304.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 309.758+/-0.096 χ^2/NDF : 681574.3/13

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 1826.295+/-93.080 χ^2/NDF : 15527.8/5

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

Right Out: -4092.422+/-78.439 χ^2/NDF : 3843.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

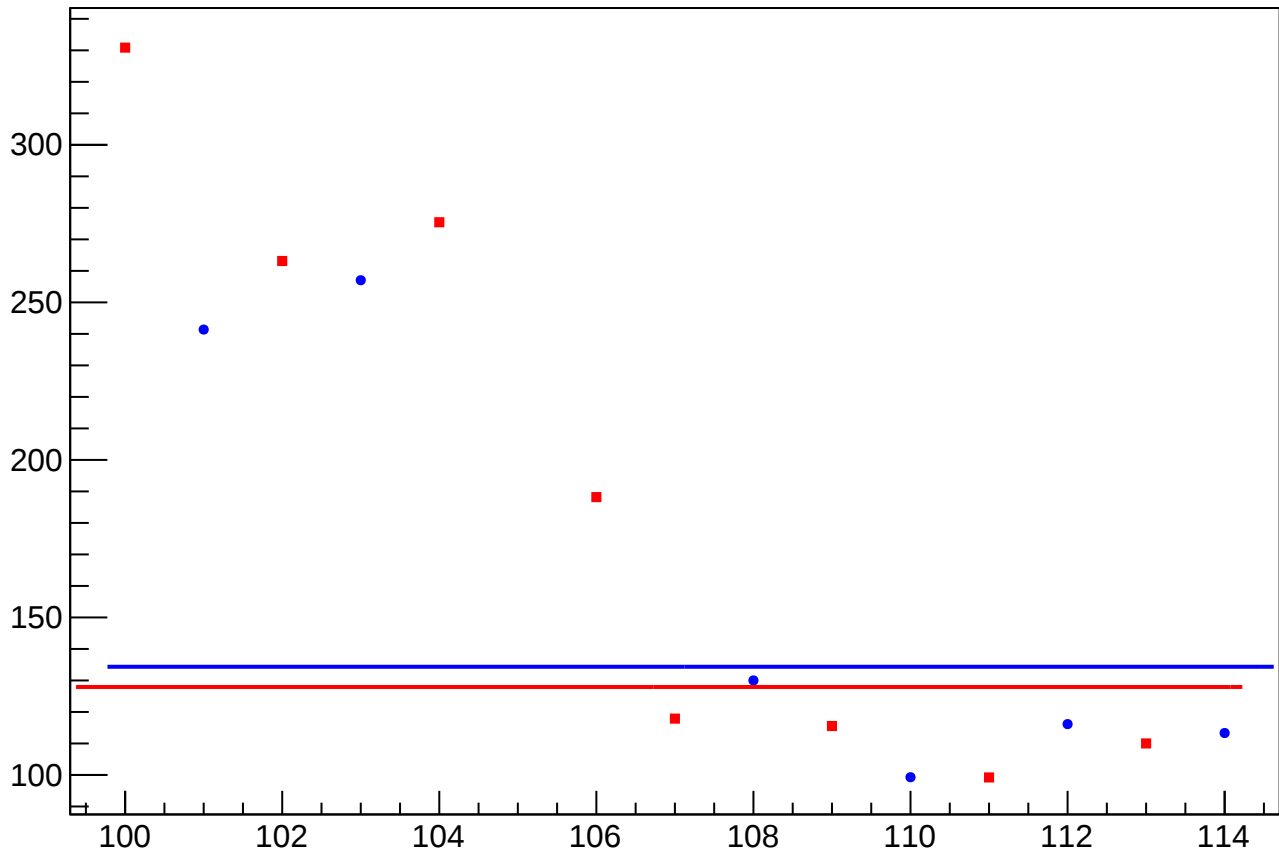
Right: -1634.628+/-59.981 χ^2/NDF : 21735.7/13

In: 1826.295+/-93.080 χ^2/NDF : 15527.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1634.628+/-59.981 χ^2/NDF : 21735.7/13

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 134.350+/-0.066 χ^2/NDF : 593016.8/5

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

Right Out: 127.929+/-0.055 χ^2/NDF : 757696.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

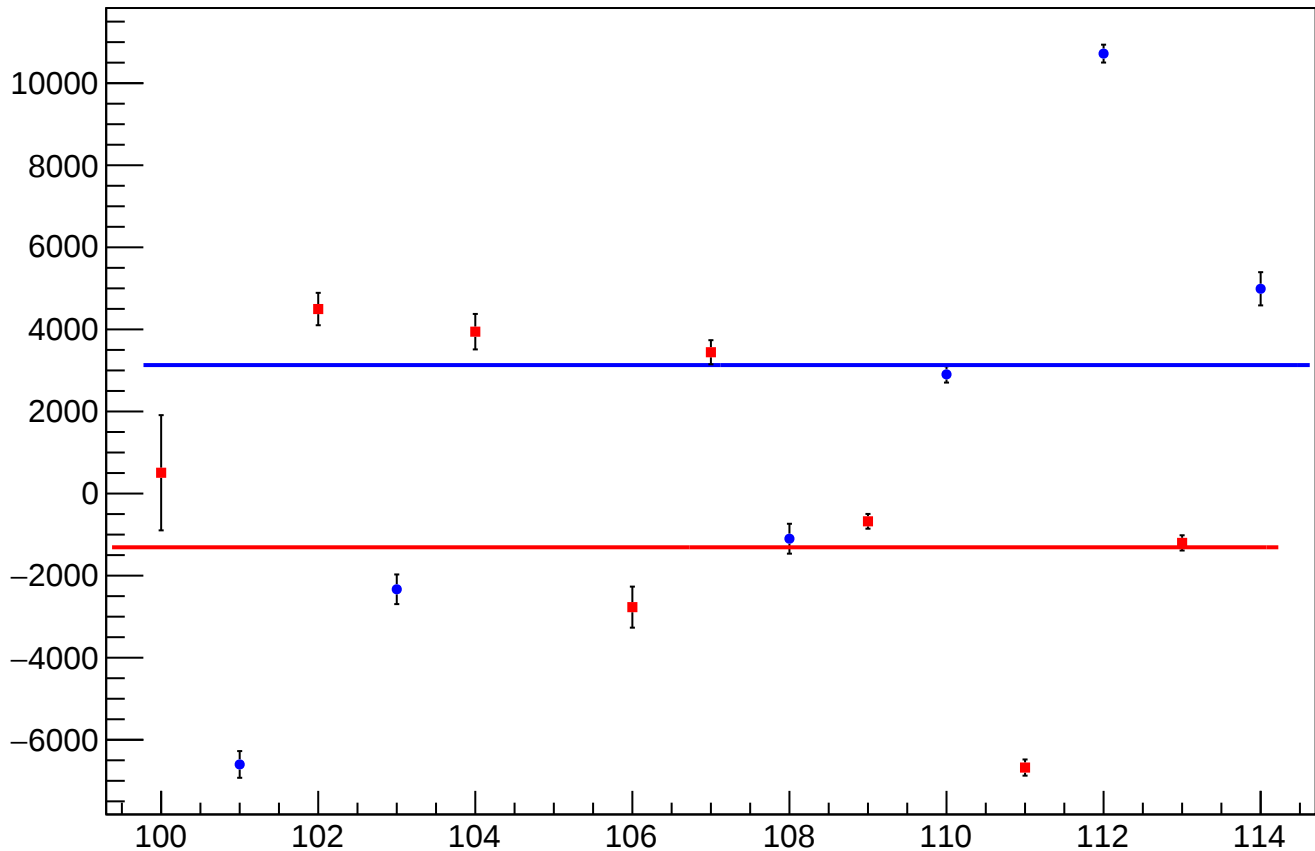
Right: 130.595+/-0.042 χ^2/NDF : 1356278.9/13

In: 134.350+/-0.066 χ^2/NDF : 593016.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.595+/-0.042 χ^2/NDF : 1356278.9/13

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 3130.626+/-114.032 χ^2/NDF : 2493.6/5

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

Right Out: -1309.387+/-93.901 χ^2/NDF : 1389.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

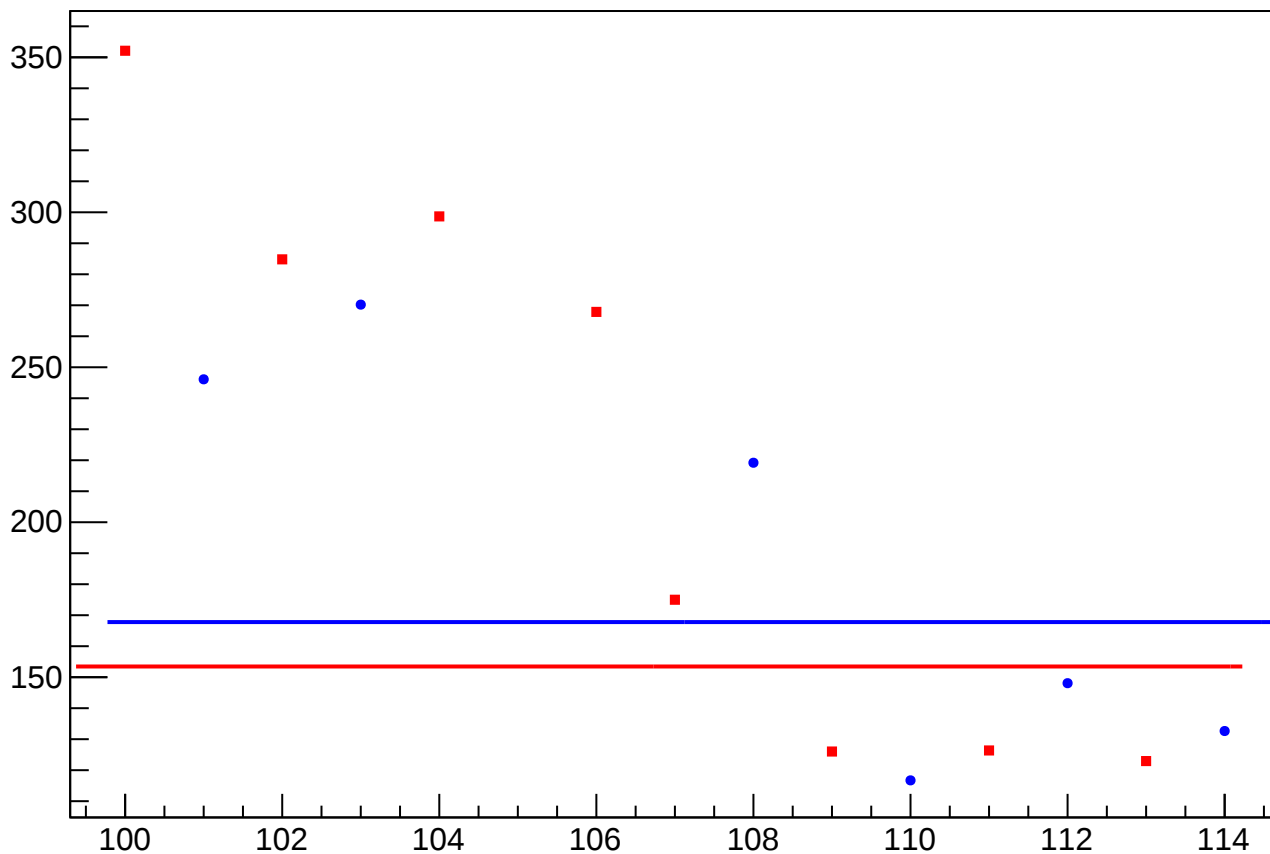
Right: 484.740+/-72.487 χ^2/NDF : 4786.6/13

In: 3130.626+/-114.032 χ^2/NDF : 2493.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 484.740+/-72.487 χ^2/NDF : 4786.6/13

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 167.785+/-0.081 χ^2/NDF : 478636.5/5

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

Right Out: 153.455+/-0.066 χ^2/NDF : 740915.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

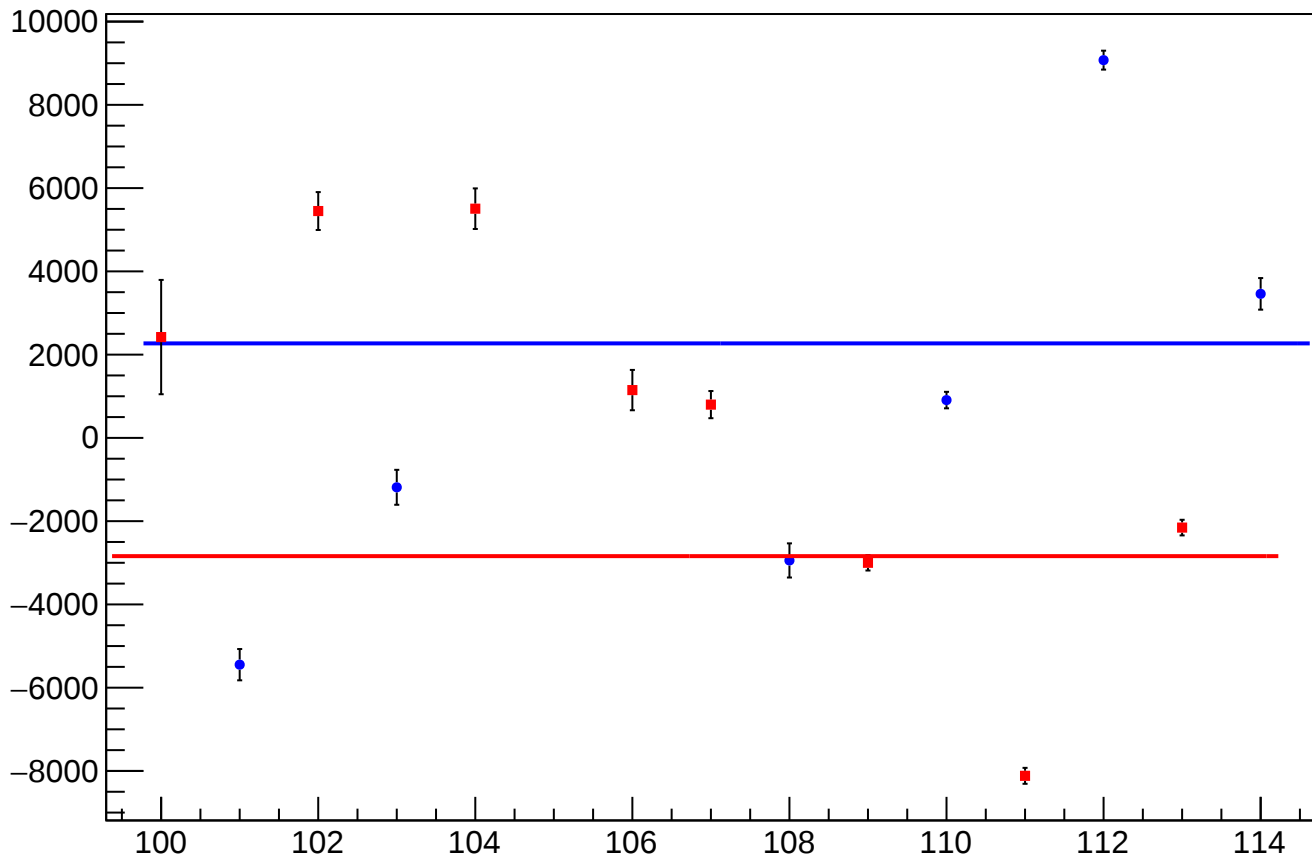
Right: 159.246+/-0.051 χ^2/NDF : 1238374.6/13

In: 167.785+/-0.081 χ^2/NDF : 478636.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.246+/-0.051 χ^2/NDF : 1238374.6/13

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 2269.972+/-119.123 χ^2/NDF : 1603.5/5

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

Right Out: -2840.197+/-96.232 χ^2/NDF : 1605.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

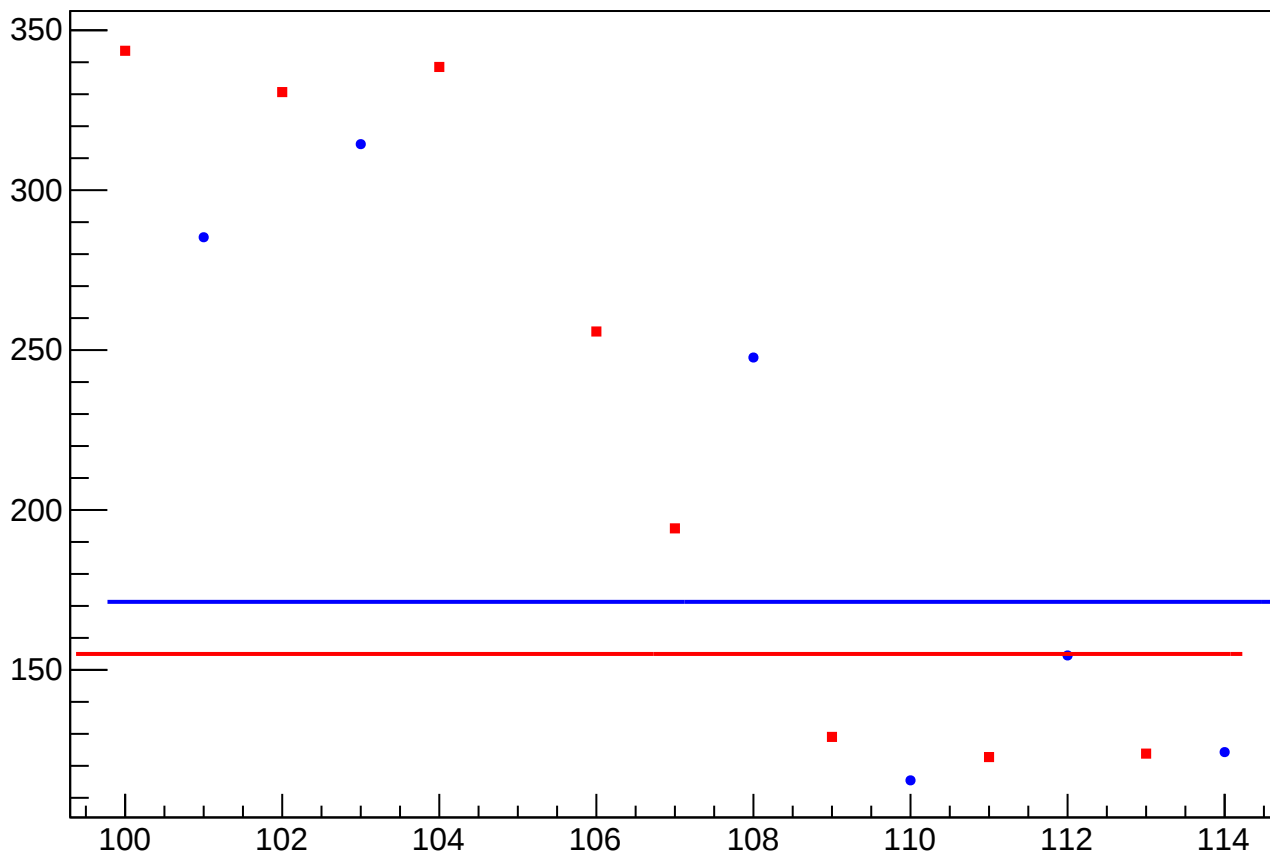
Right: -822.225+/-74.858 χ^2/NDF : 4322.5/13

In: 2269.972+/-119.123 χ^2/NDF : 1603.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -822.225+/-74.858 χ^2/NDF : 4322.5/13

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 171.276+/-0.084 χ^2/NDF : 686067.0/5

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

Right Out: 154.983+/-0.068 χ^2/NDF : 885987.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

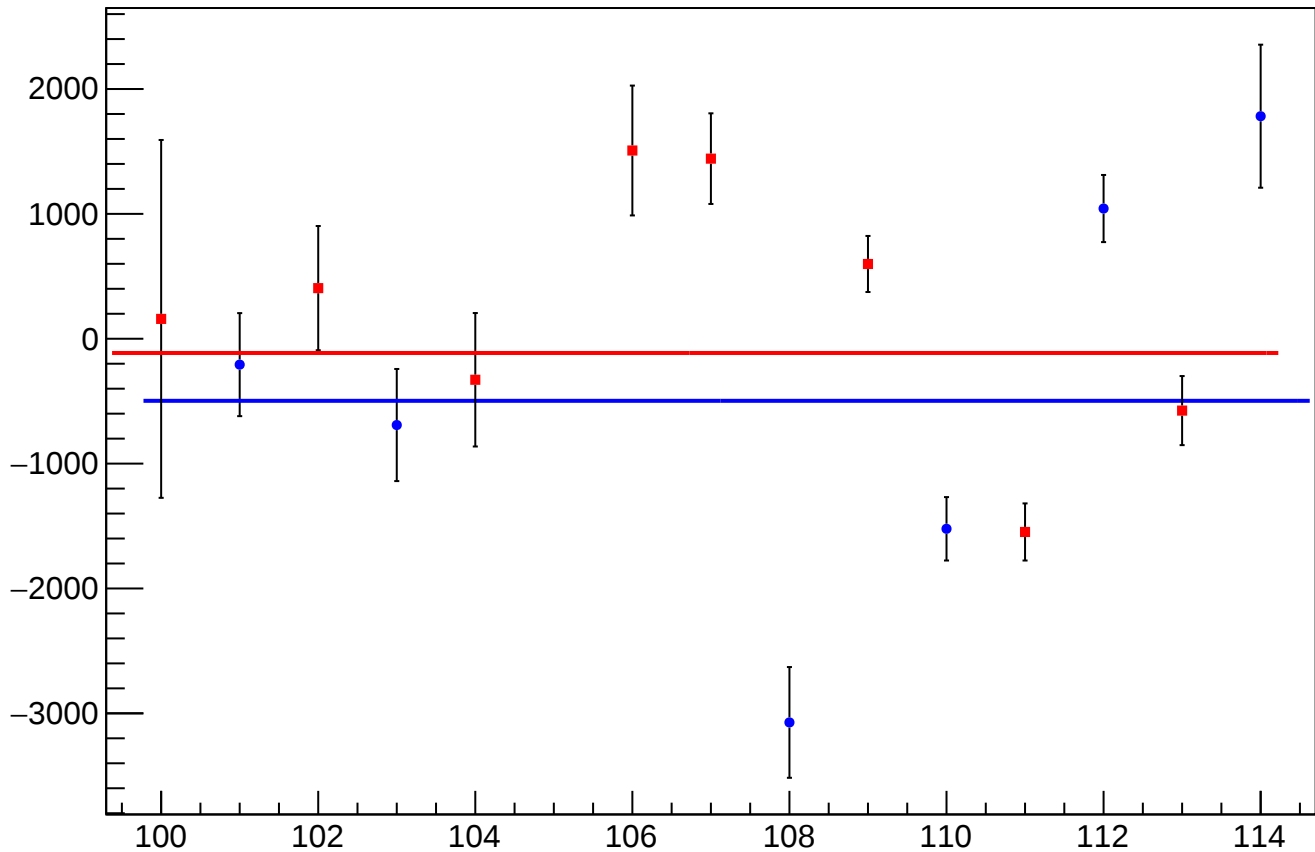
Right: 161.417+/-0.053 χ^2/NDF : 1594693.9/13

In: 171.276+/-0.084 χ^2/NDF : 686067.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.417+/-0.053 χ^2/NDF : 1594693.9/13

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -497.133+/-143.876 χ^2/NDF : 99.3/5

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

Right Out: -114.027+/-118.388 χ^2/NDF : 81.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

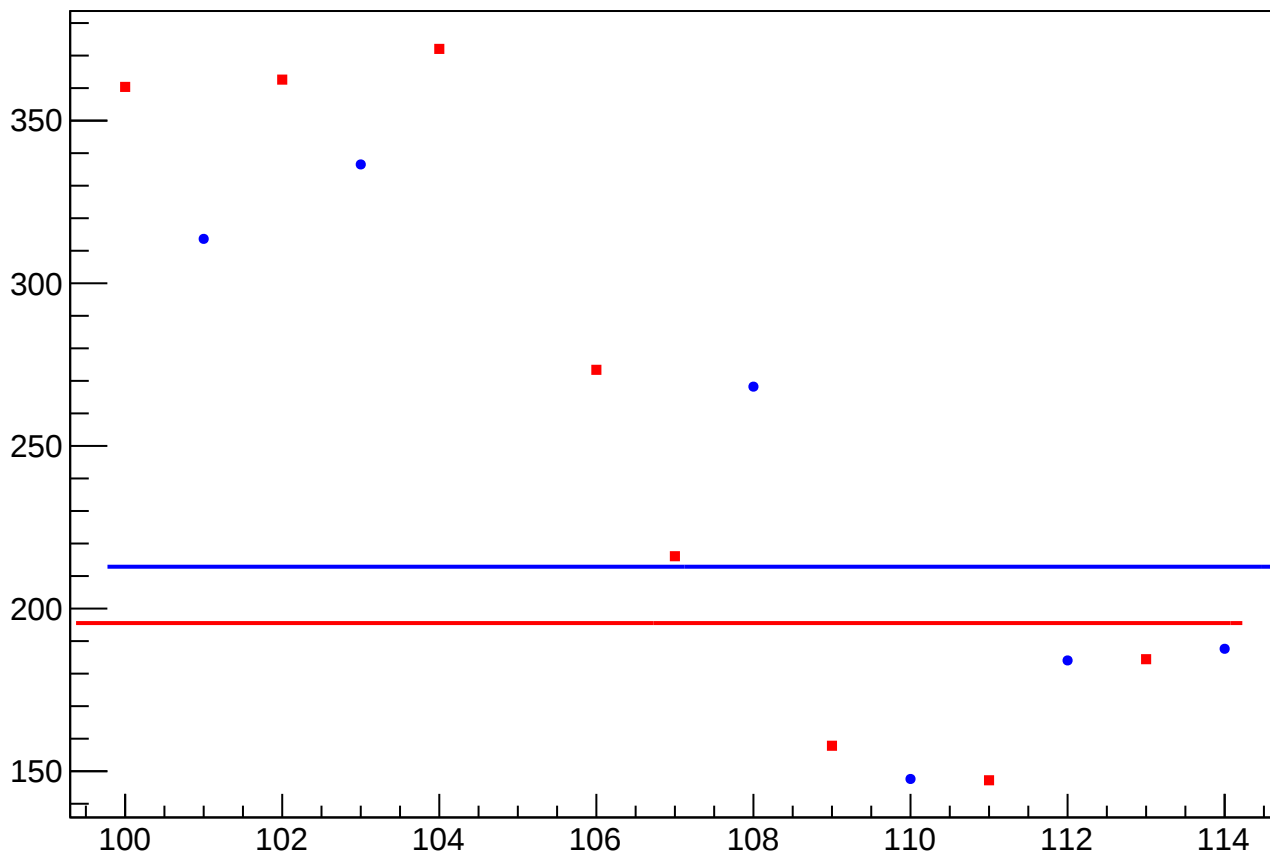
Right: -268.696+/-91.418 χ^2/NDF : 185.1/13

In: -497.133+/-143.876 χ^2/NDF : 99.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -268.696+/-91.418 χ^2/NDF : 185.1/13

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 212.867+/-0.102 χ^2/NDF : 461142.7/5

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

Right Out: 195.544+/-0.084 χ^2/NDF : 670419.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

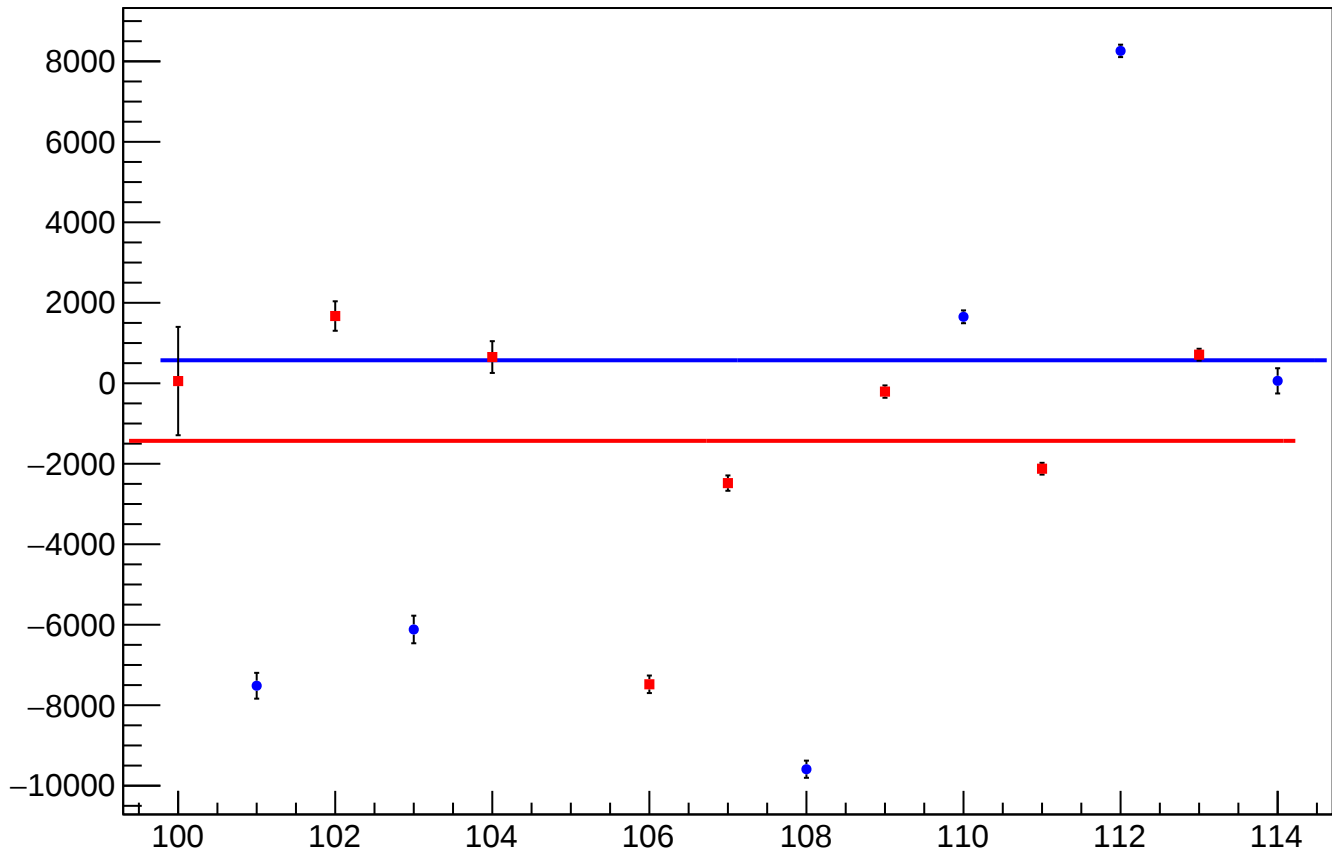
Right: 202.538+/-0.065 χ^2/NDF : 1148849.0/13

In: 212.867+/-0.102 χ^2/NDF : 461142.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 202.538+/-0.065 χ^2/NDF : 1148849.0/13

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: 571.623+/-87.207 χ^2/NDF : 5810.3/5

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

Right Out: -1430.492+/-70.935 χ^2/NDF : 1201.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

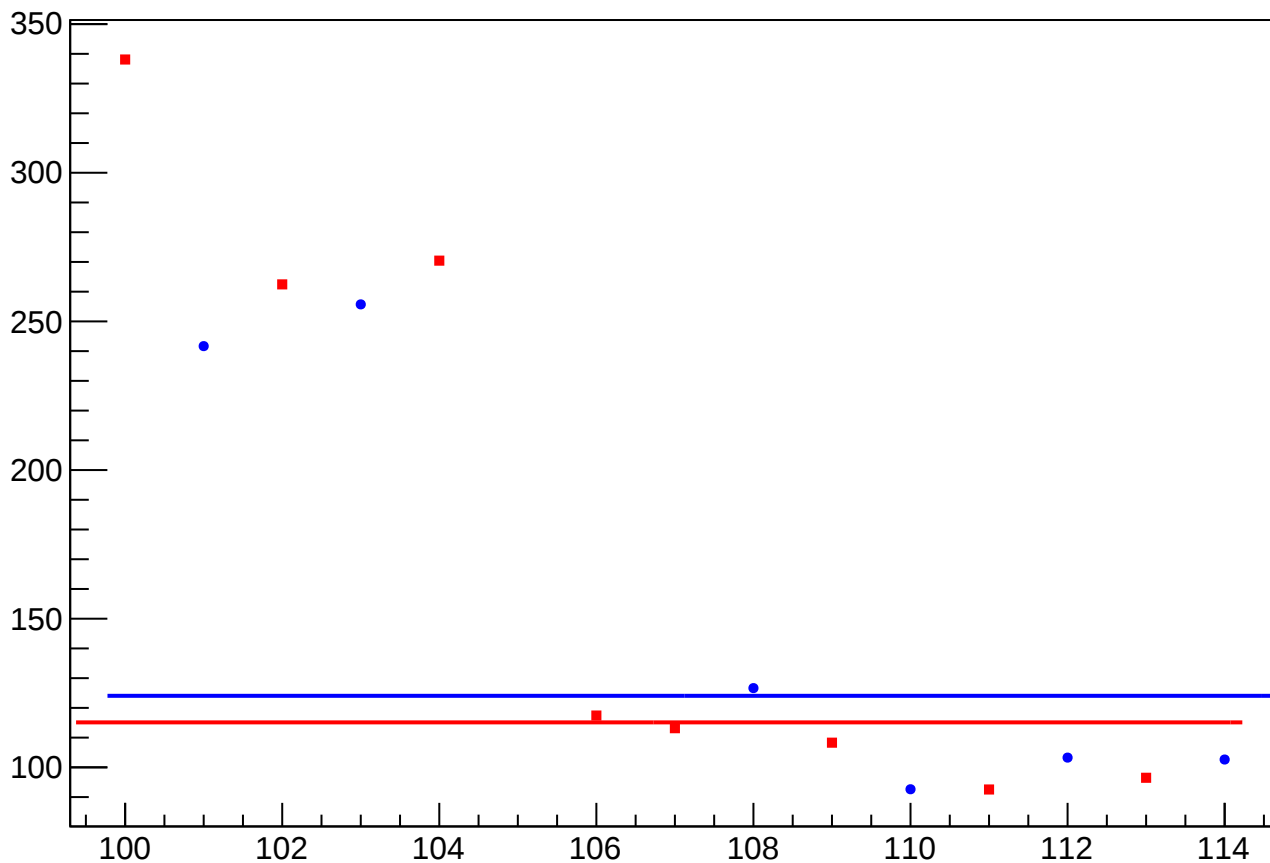
Right: -633.283+/-55.029 χ^2/NDF : 7328.9/13

In: 571.623+/-87.207 χ^2/NDF : 5810.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -633.283+/-55.029 χ^2/NDF : 7328.9/13

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 124.061 $\pm$ 0.062 χ^2 /NDF: 687410.0/5

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

Right Out: 115.125 $\pm$ 0.050 χ^2 /NDF: 772118.2/7

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

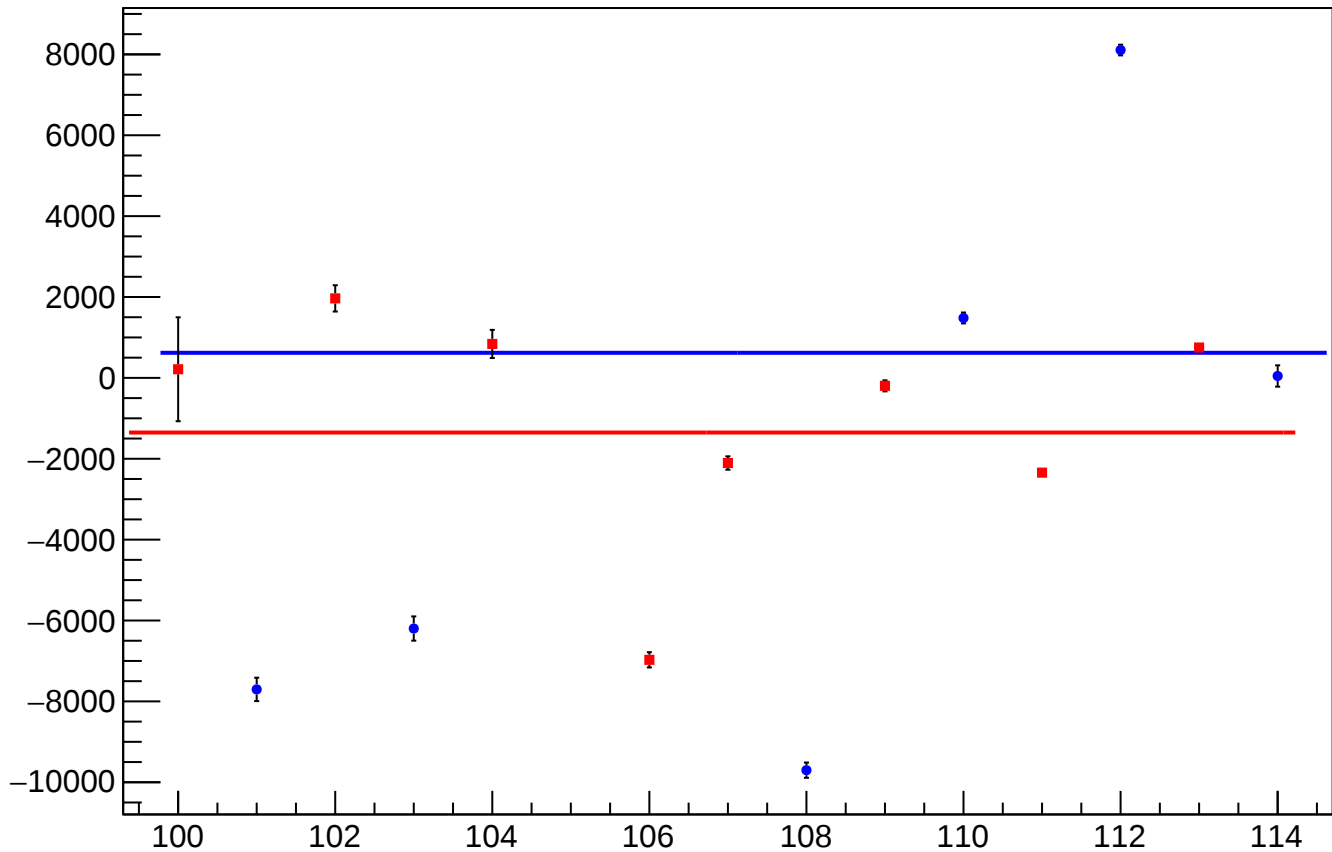
Right: 118.683 $\pm$ 0.039 χ^2 /NDF: 1472167.0/13

In: 124.061 $\pm$ 0.062 χ^2 /NDF:687410.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 118.683 $\pm$ 0.039 χ^2 /NDF: 1472167.0/13

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 620.720+/-75.011 χ^2/NDF : 7581.7/5

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

Right Out: -1351.193+/-60.782 χ^2/NDF : 1485.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

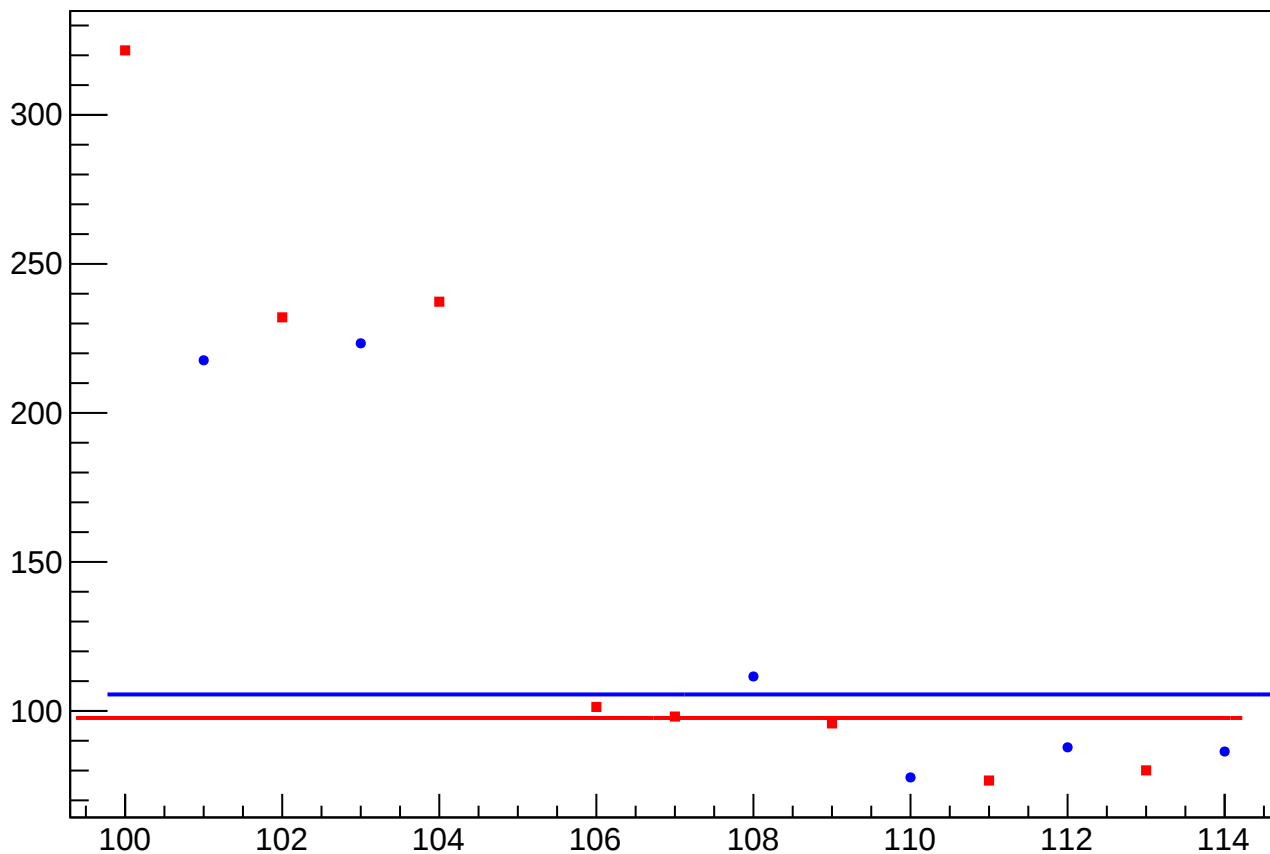
Right: -569.617+/-47.225 χ^2/NDF : 9484.3/13

In: 620.720+/-75.011 χ^2/NDF : 7581.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -569.617+/-47.225 χ^2/NDF : 9484.3/13

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 105.536 $\pm$ 0.053 χ^2 /NDF: 743842.5/5

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

Right Out: 97.642 $\pm$ 0.043 χ^2 /NDF: 826862.0/7

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

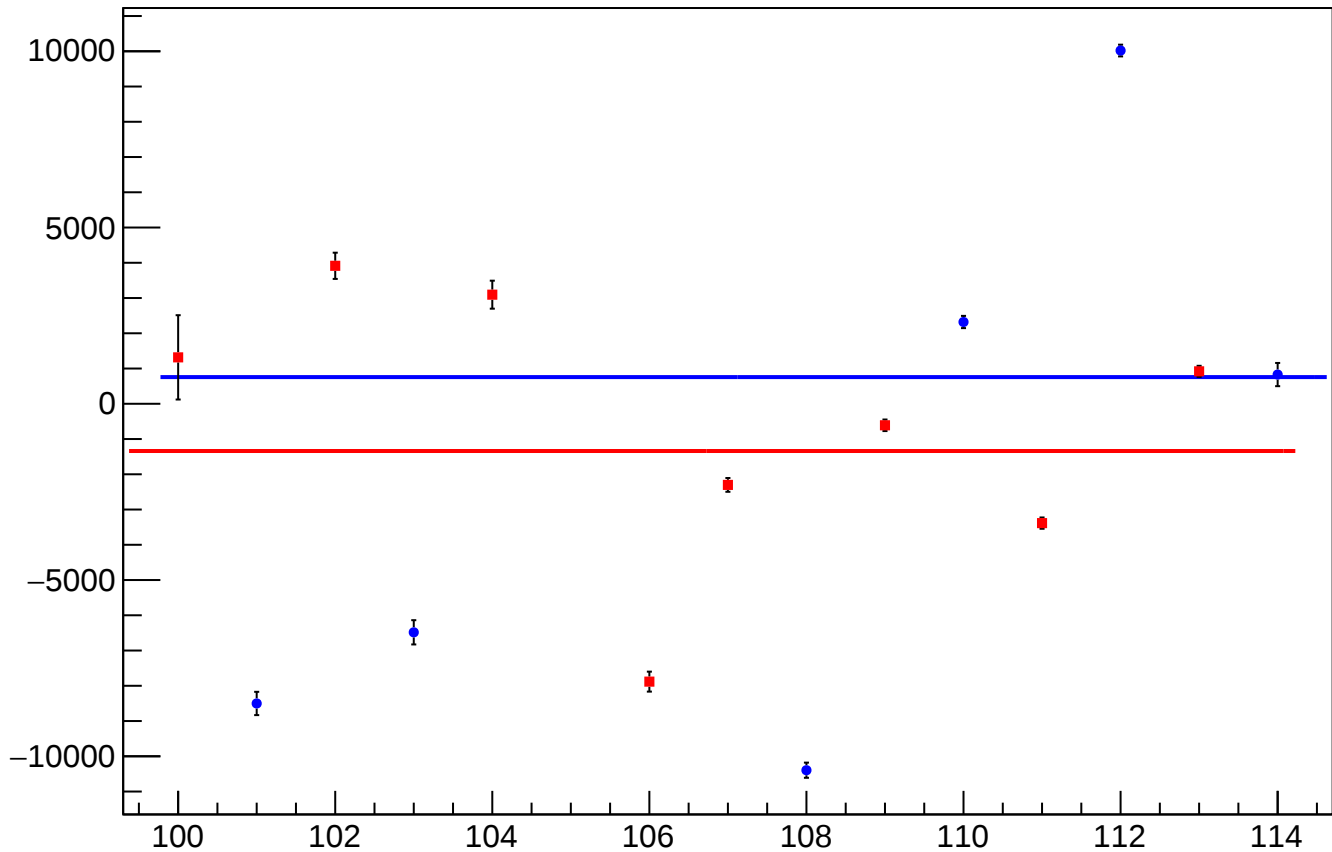
Right: 100.771 $\pm$ 0.033 χ^2 /NDF: 1584074.3/13

In: 105.536 $\pm$ 0.053 χ^2 /NDF:743842.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 100.771 $\pm$ 0.033 χ^2 /NDF: 1584074.3/13

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 757.064+/-92.197 χ^2/NDF : 7090.3/5

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

Right Out: -1339.719+/-76.788 χ^2/NDF : 1276.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

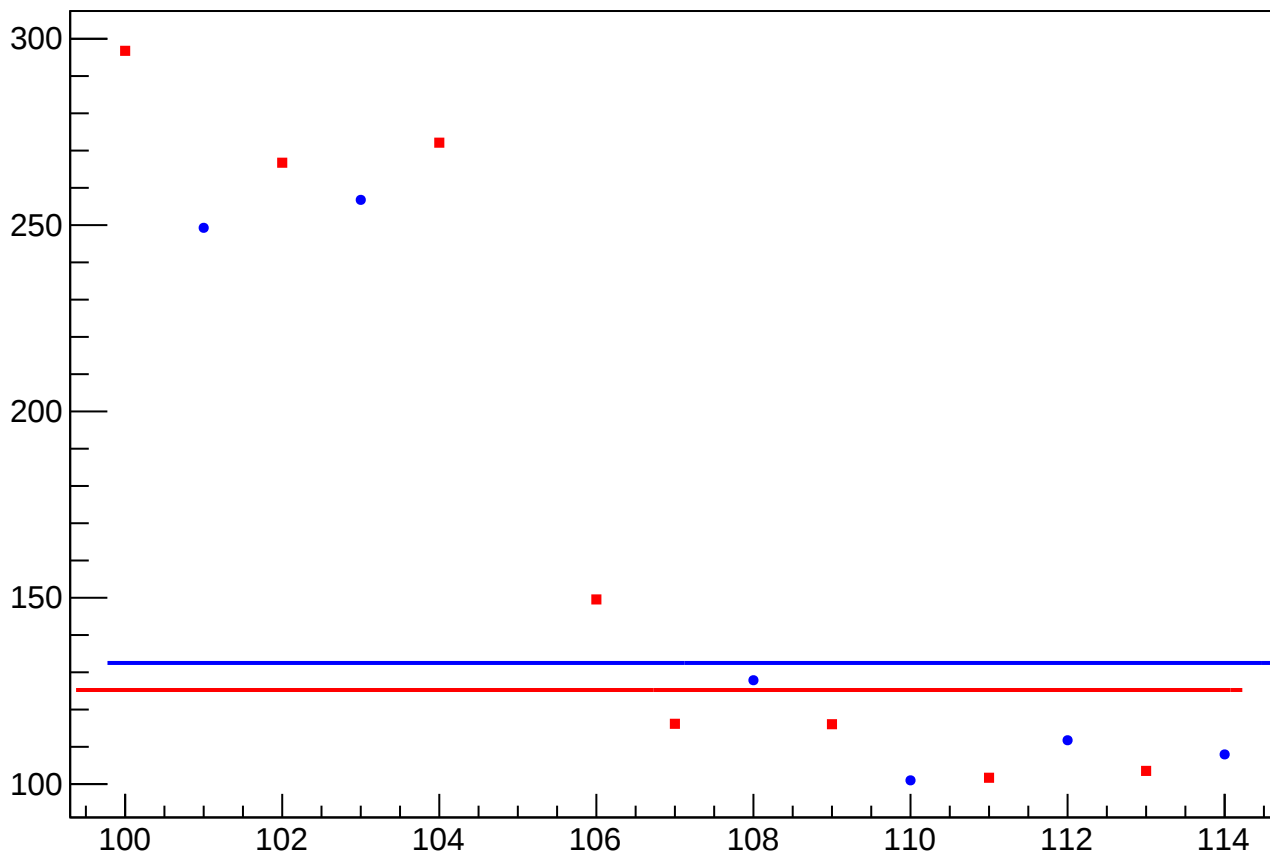
Right: -480.946+/-59.004 χ^2/NDF : 8671.7/13

In: 757.064+/-92.197 χ^2/NDF :7090.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -480.946+/-59.004 χ^2/NDF : 8671.7/13

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 132.506+/-0.065 χ^2/NDF : 619428.5/5

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

Right Out: 125.249+/-0.054 χ^2/NDF : 710822.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

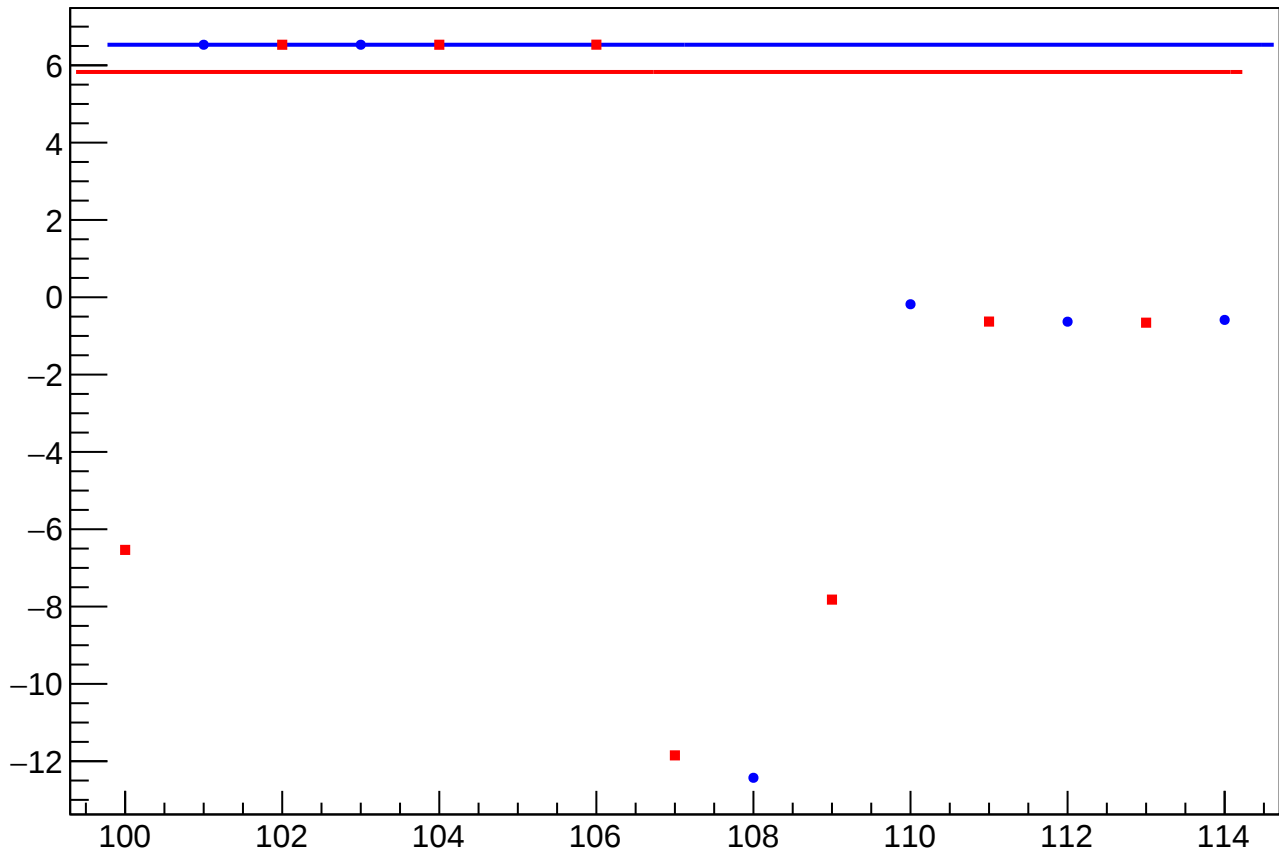
Right: 128.221+/-0.042 χ^2/NDF : 1337566.0/13

In: 132.506+/-0.065 χ^2/NDF : 619428.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.221+/-0.042 χ^2/NDF : 1337566.0/13

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 6.532+/-0.000 χ^2/NDF : 24982350100.0/5

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

Right Out: 5.828+/-0.000 χ^2/NDF : 755861910728875.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

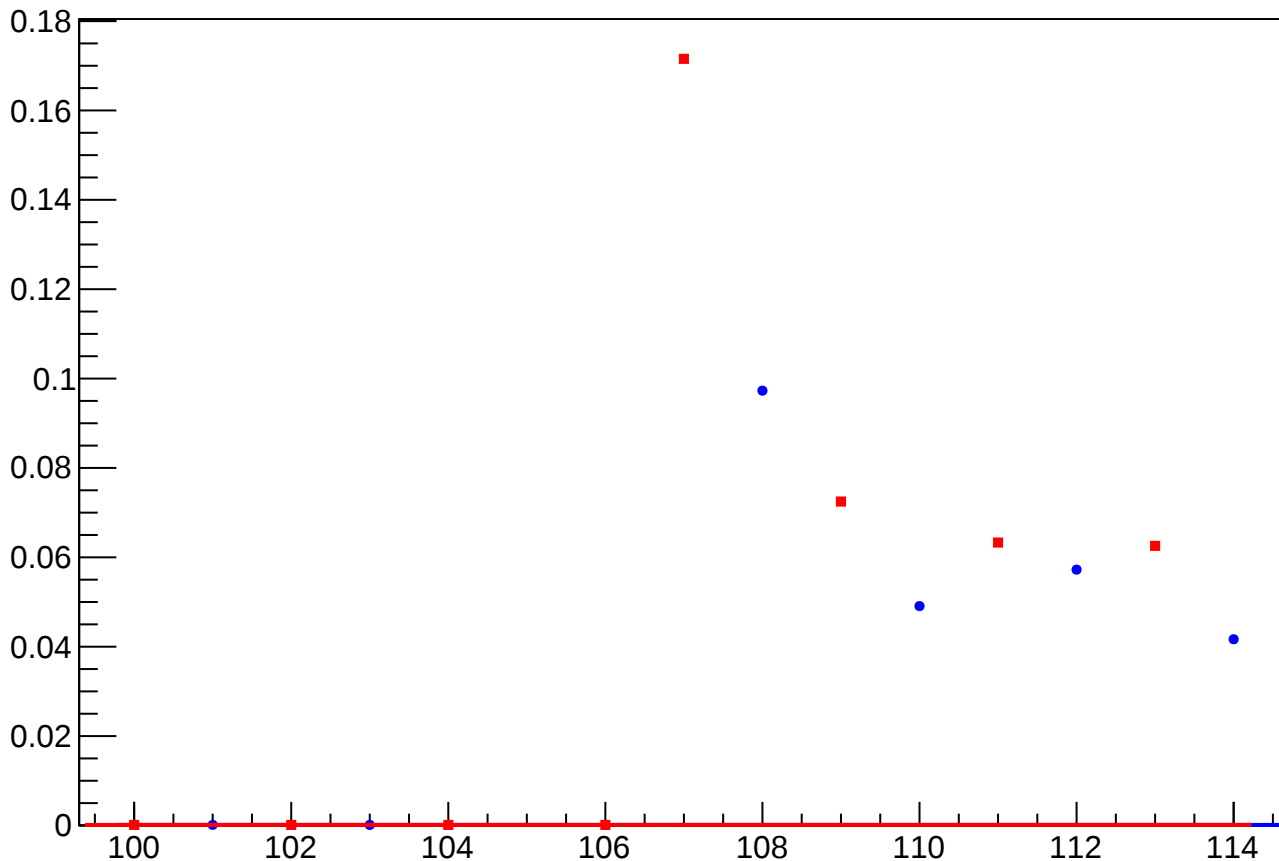
Right: 6.155+/-0.000 χ^2/NDF : 775891697851967.0/5

In: 6.532+/-0.000 χ^2/NDF : 24982350100.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.155+/-0.000 χ^2/NDF : 775891697851967.0/5

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2135775.0/5

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2775875.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

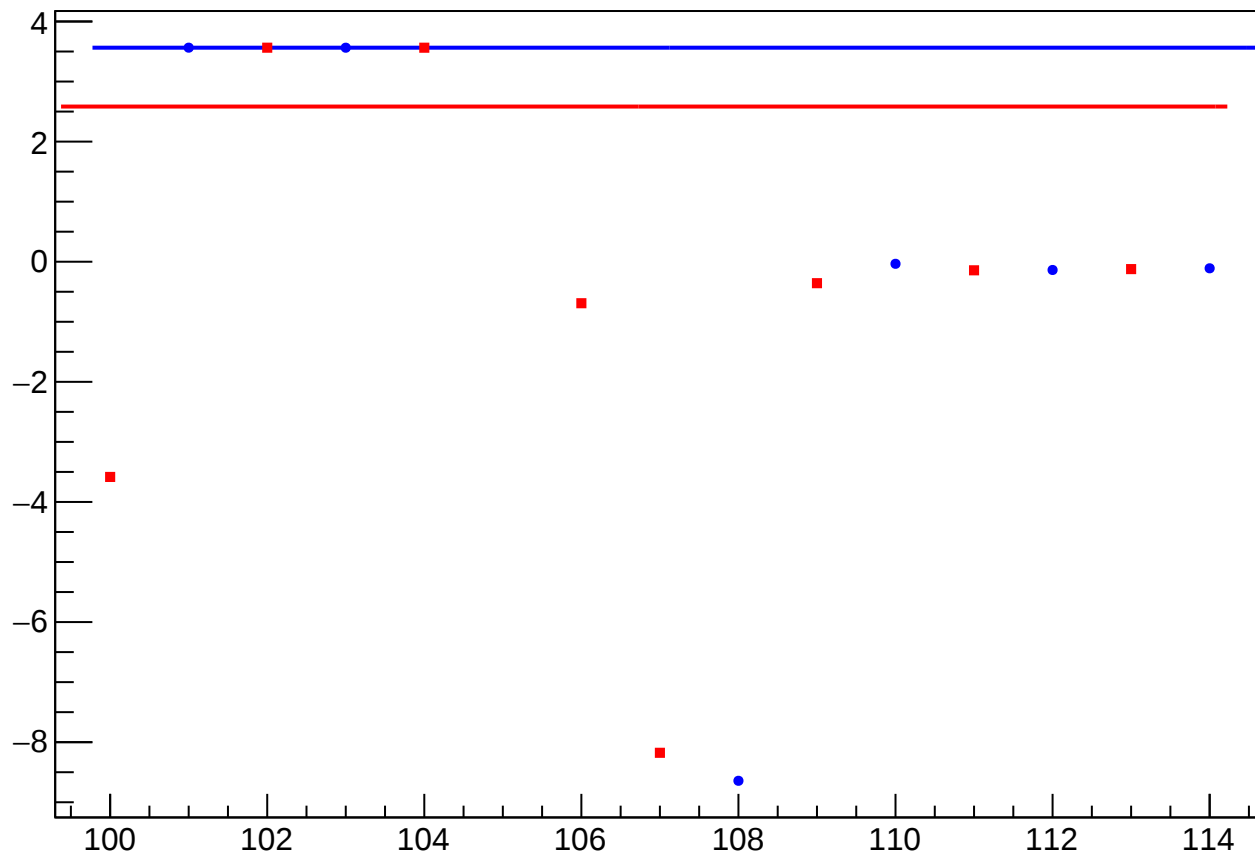
Right: 0.000+/-0.000 χ^2/NDF : 4911851.9/13

In: 0.000+/-0.000 χ^2/NDF :2135775.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4911851.9/13

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 3.564+/-0.000

χ^2/NDF : 20817047863.4/5

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 3.041+/-0.000 χ^2/NDF : 1381575542480733.0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 3.564+/-0.000 χ^2/NDF : 20817047863.4/5

Right Out: 2.584+/-0.000 χ^2/NDF : 1253251788537410.0/7

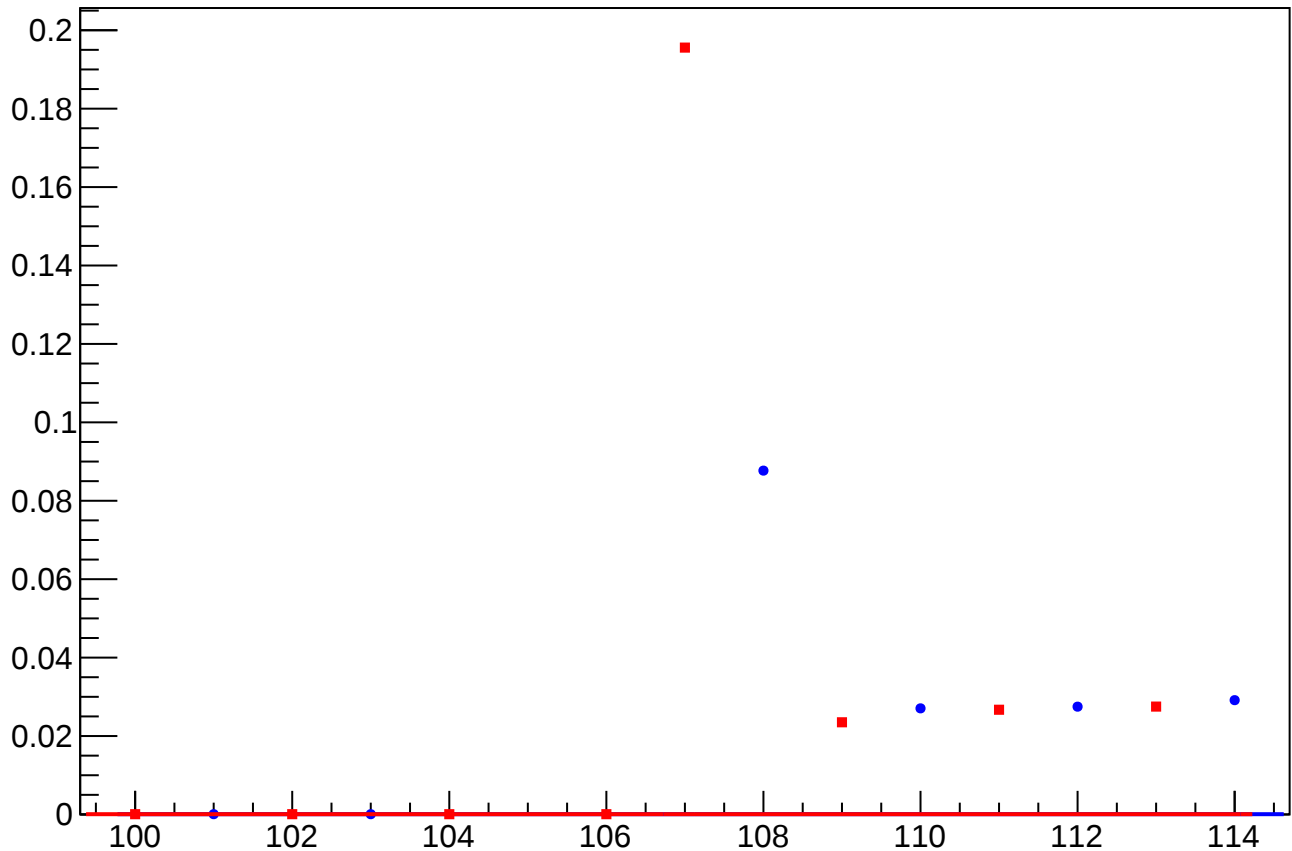
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 3.041+/-0.000 χ^2/NDF : 1381575542480733.0

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2289929.4/5

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2665871.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

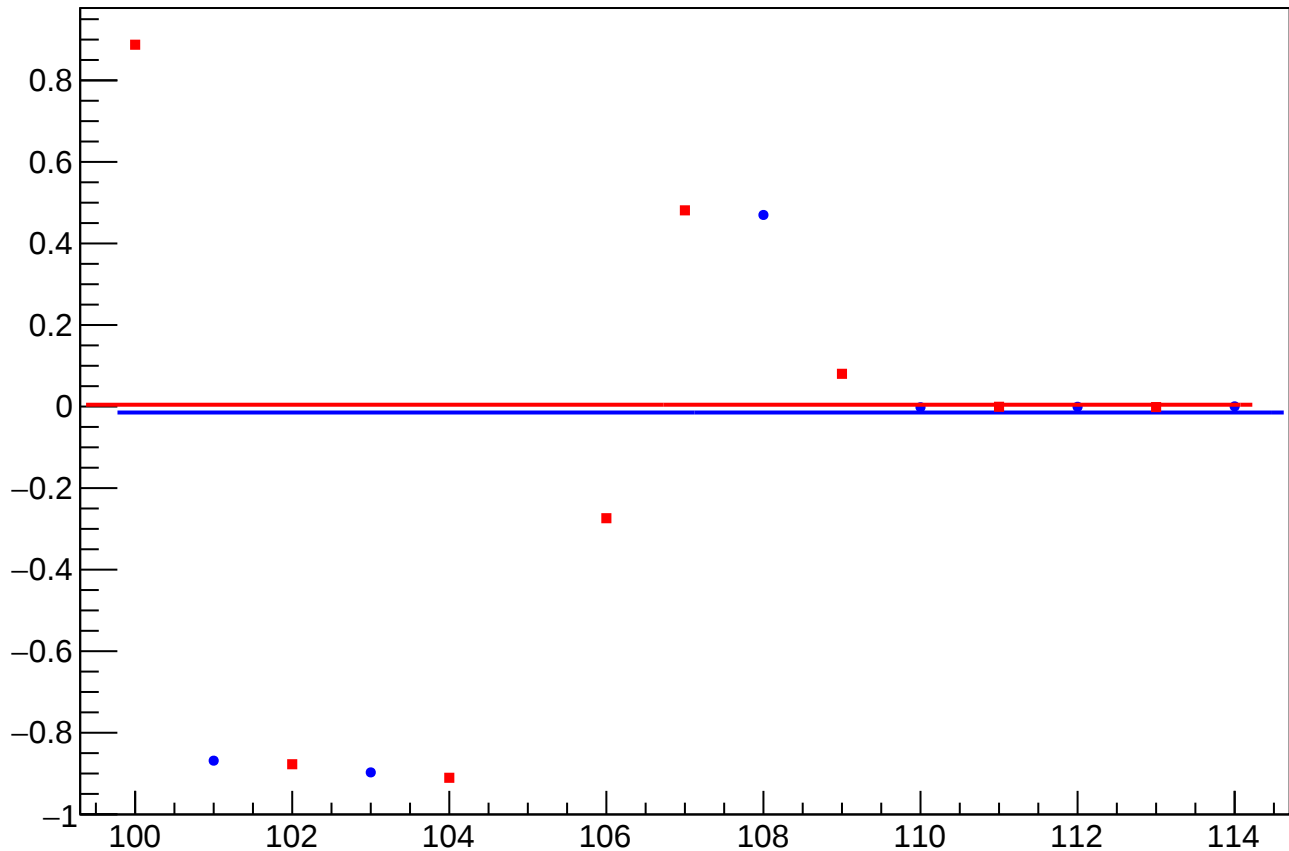
Right: 0.000+/-0.000 χ^2/NDF : 4955969.9/13

In: 0.000+/-0.000 χ^2/NDF : 2289929.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4955969.9/13

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.000 χ^2/NDF : 9735652551.4/5

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

Right Out: 0.004+/-0.000 χ^2/NDF : 3036055426.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

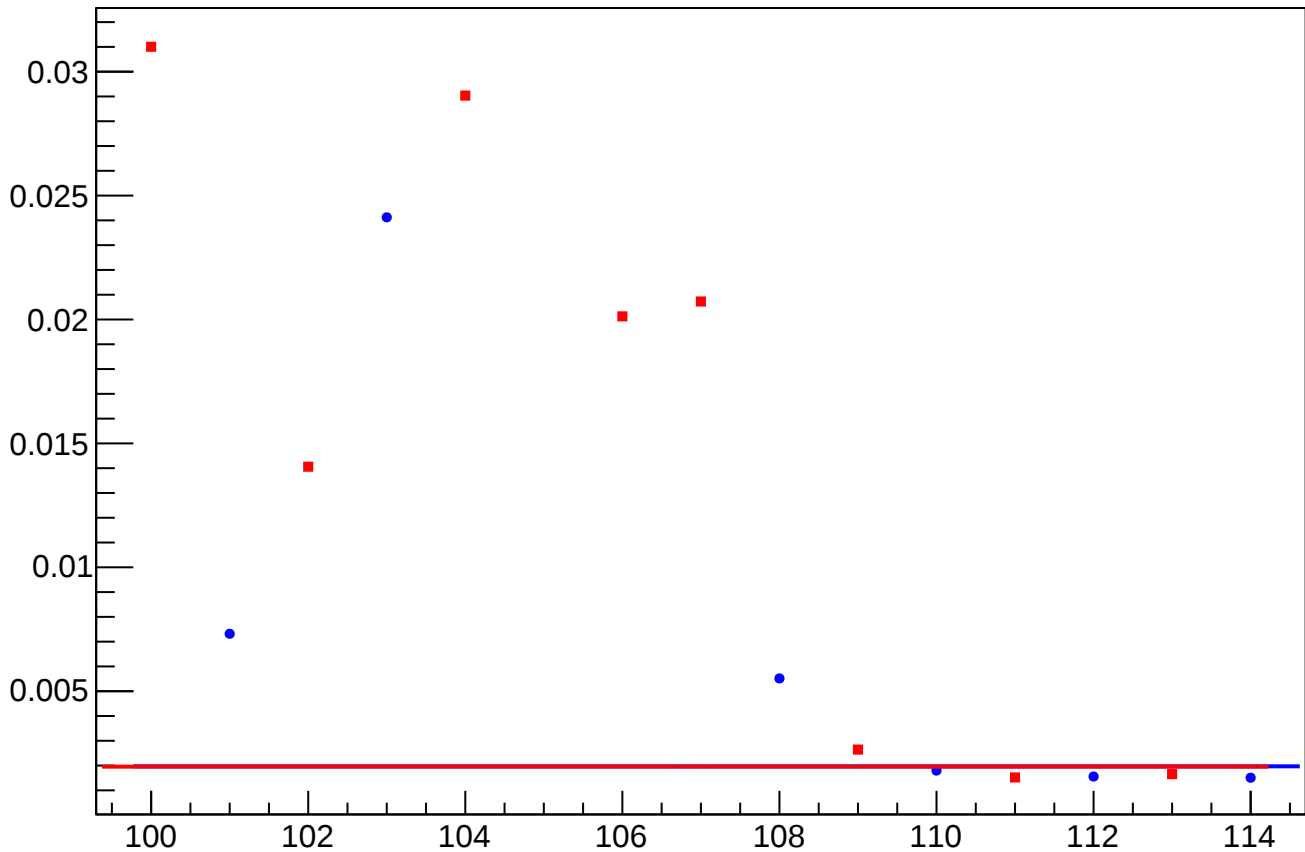
Right: -0.005+/-0.000 χ^2/NDF : 12832539587.3/13

In: -0.015+/-0.000 χ^2/NDF :9735652551.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.005+/-0.000 χ^2/NDF : 12832539587.3/13

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1637549.2/5

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

Right Out: 0.002+/-0.000 χ^2/NDF : 2695272.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

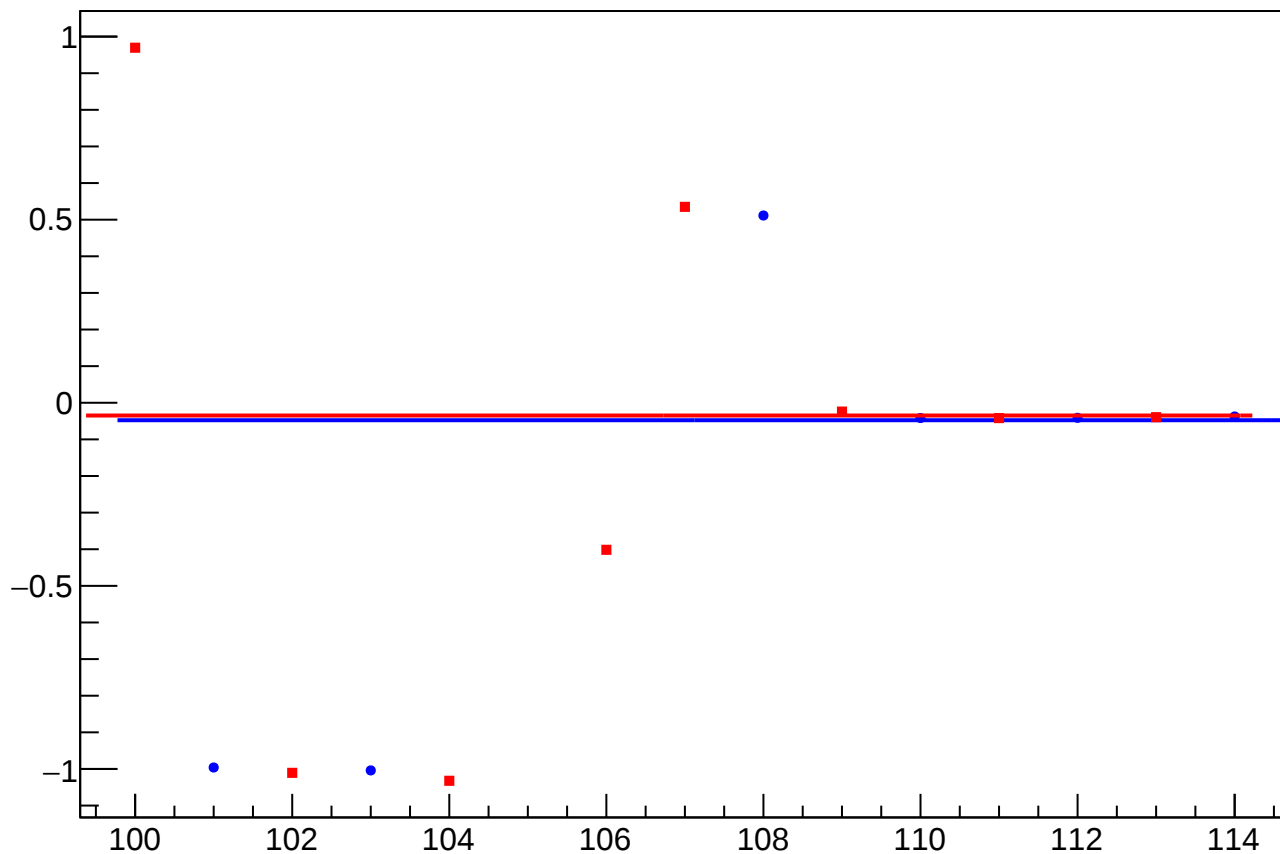
Right: 0.002+/-0.000 χ^2/NDF : 4332882.1/13

In: 0.002+/-0.000 χ^2/NDF :1637549.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4332882.1/13

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.048+/-0.000 χ^2/NDF : 3469179267.6/5

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

Right Out: -0.035+/-0.000 χ^2/NDF : 1191922208.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

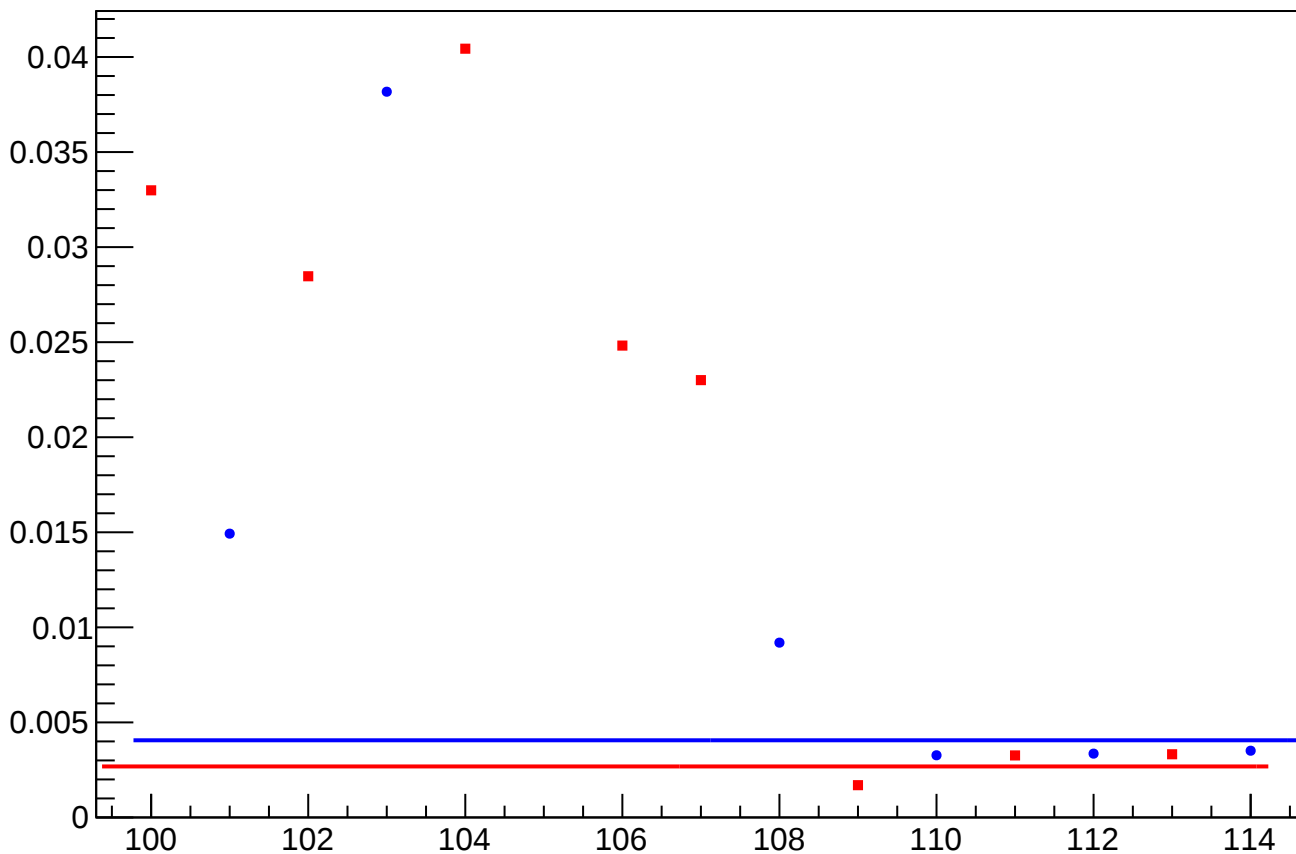
Right: -0.039+/-0.000 χ^2/NDF : 4670467970.9/13

In: -0.048+/-0.000 χ^2/NDF :3469179267.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.039+/-0.000 χ^2/NDF : 4670467970.9/13

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 1680651.7/5

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

Right Out: 0.003+/-0.000 χ^2/NDF : 2864274.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

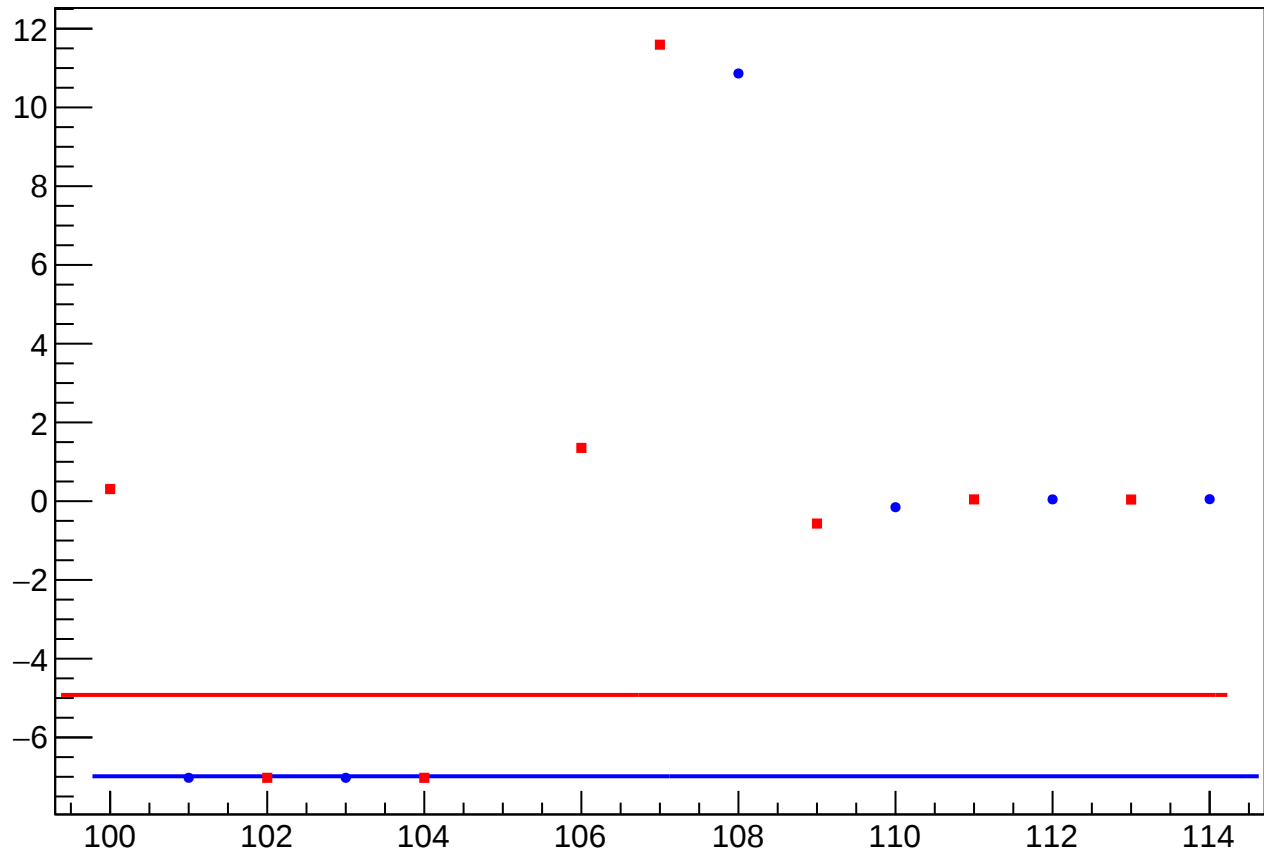
Right: 0.003+/-0.000 χ^2/NDF : 4759371.1/13

In: 0.004+/-0.000 χ^2/NDF : 1680651.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 4759371.1/13

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -6.987+/-0.000

χ^2/NDF : 6701767577646.2/5

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: -5.909+/-0.000

χ^2/NDF : 427533611710235.6

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: -4.920+/-0.000

χ^2/NDF : 364450016067823.6/7

In: -6.987+/-0.000

χ^2/NDF : 6701767577646.2/5

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

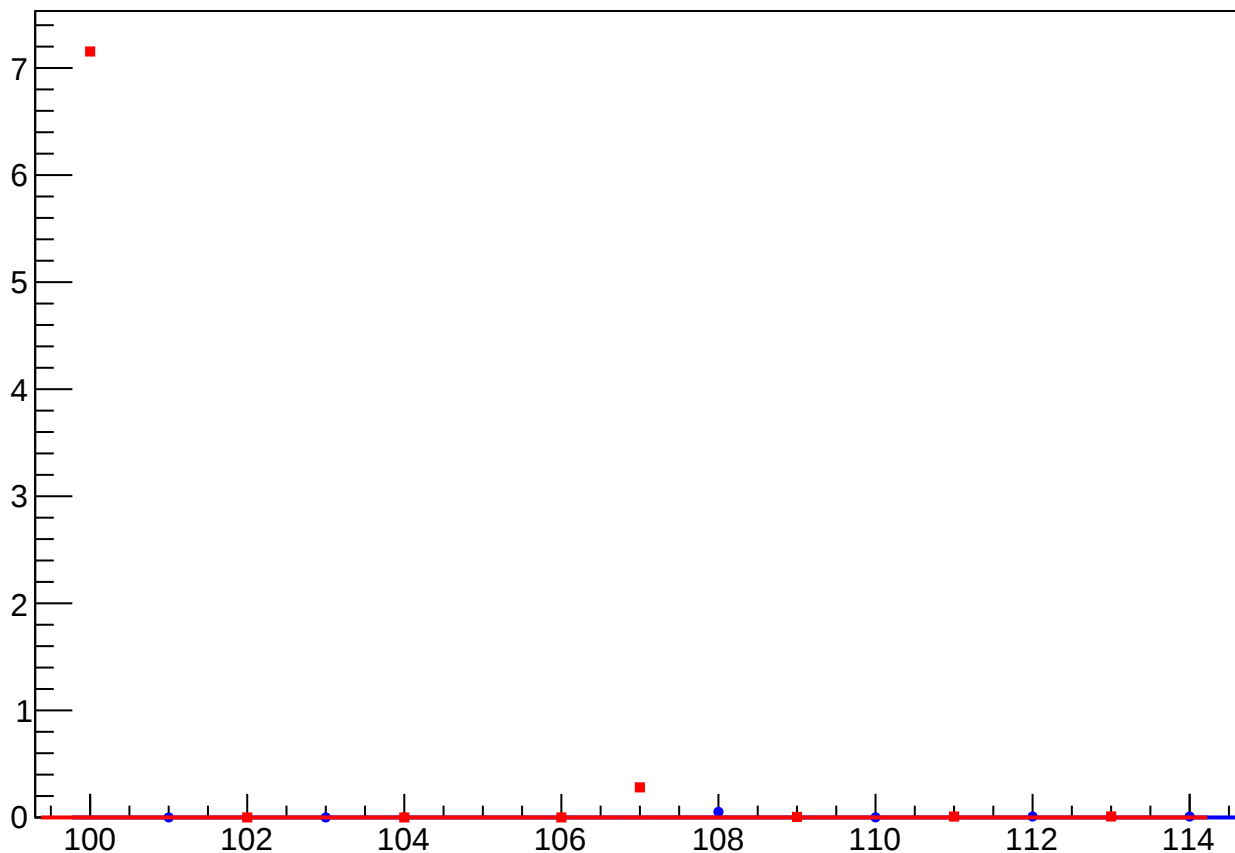
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: -5.909+/-0.000

χ^2/NDF : 427533611710235.6

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1720658.2/5

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2500446.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

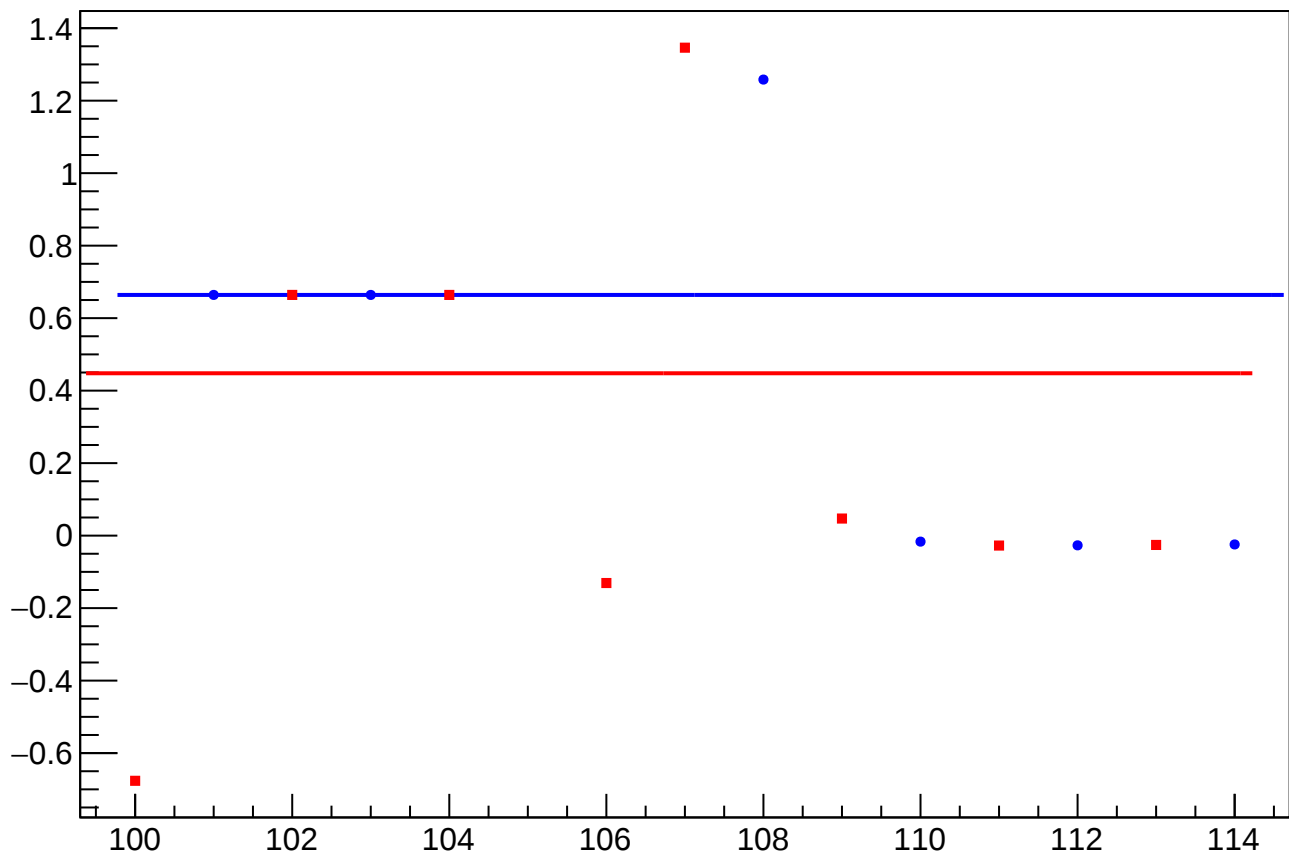
Right: 0.000+/-0.000 χ^2/NDF : 4221132.2/13

In: 0.000+/-0.000 χ^2/NDF : 1720658.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4221132.2/13

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.664+/-0.000

χ^2/NDF : 92652537697.5/5

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.551+/-0.000

χ^2/NDF : 466406773018032.9

Right Out: 0.448+/-0.000

χ^2/NDF : 402916325435670.1/7

In: 0.664+/-0.000

χ^2/NDF : 92652537697.5/5

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

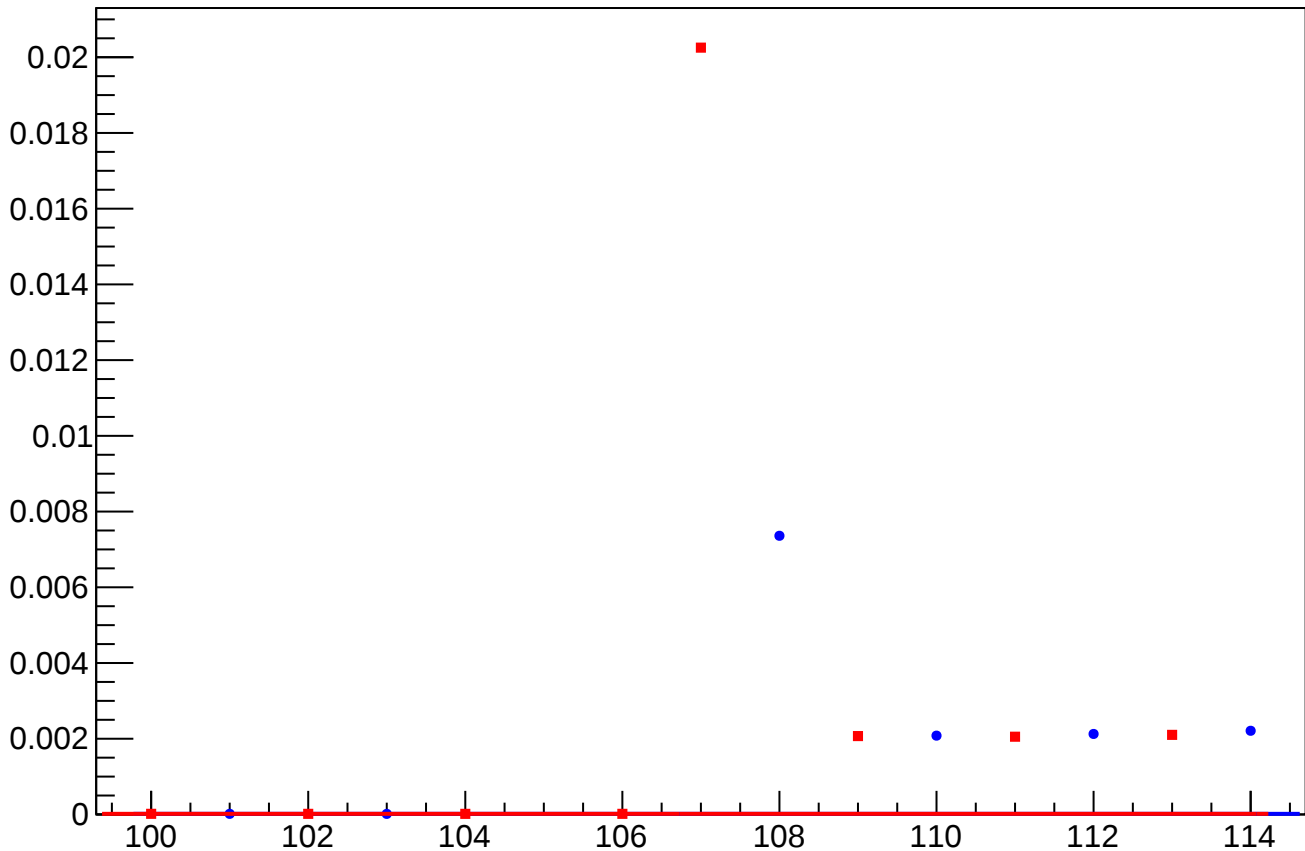
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.551+/-0.000

χ^2/NDF : 466406773018032.9

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2335282.7/5

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2361891.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

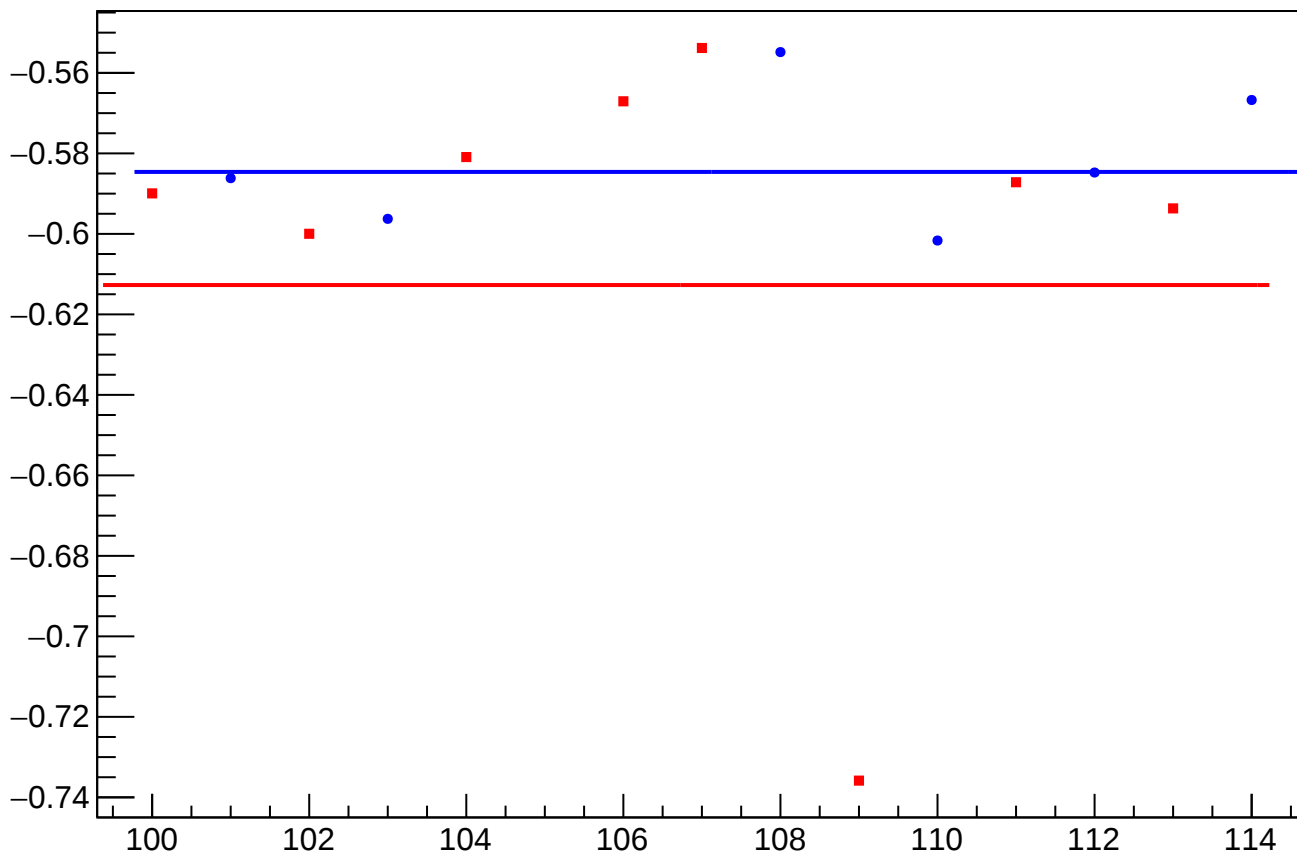
Right: 0.000+/-0.000 χ^2/NDF : 4697428.8/13

In: 0.000+/-0.000 χ^2/NDF : 2335282.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4697428.8/13

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.585+/-0.000 χ^2/NDF : 433420.8/5

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

Right Out: -0.613+/-0.000 χ^2/NDF : 9594722.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

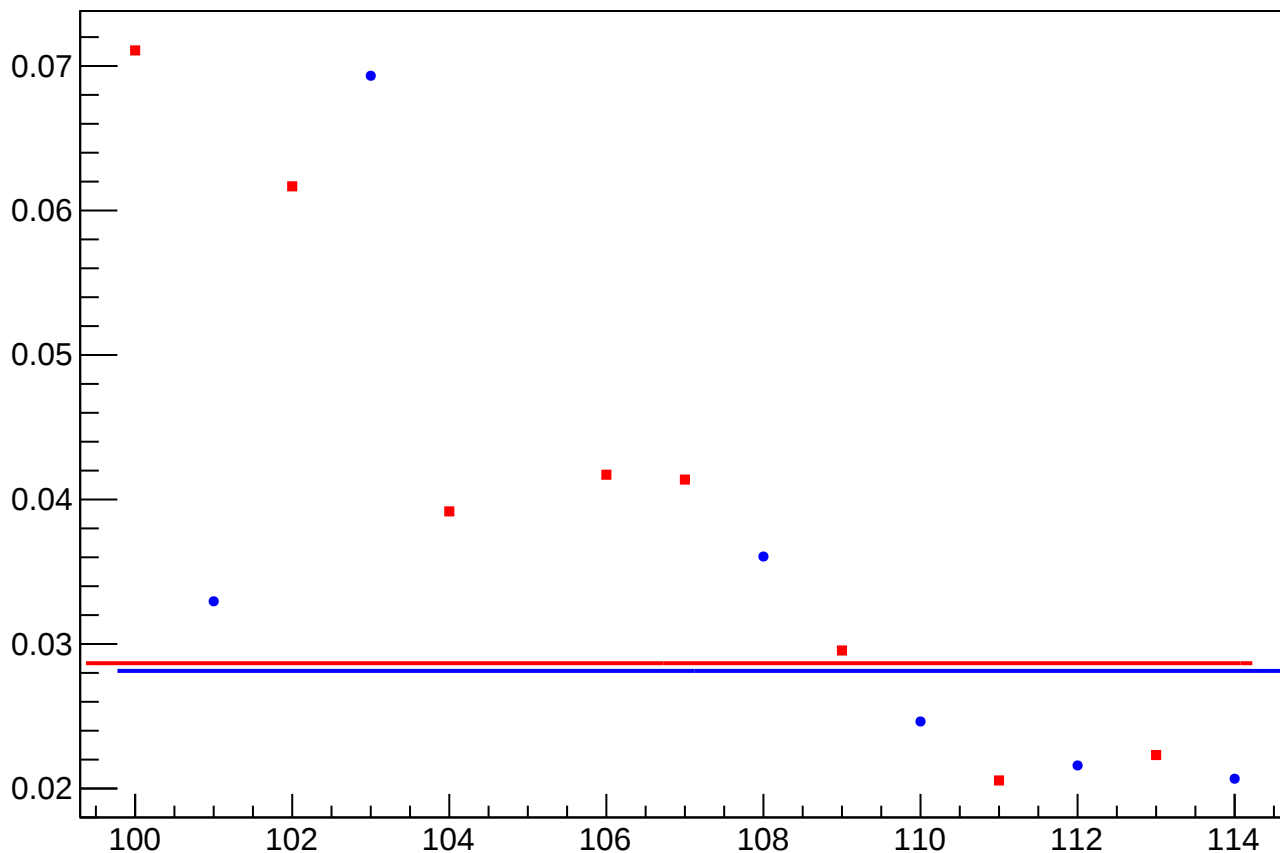
Right: -0.600+/-0.000 χ^2/NDF : 11042049.4/13

In: -0.585+/-0.000 χ^2/NDF :433420.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.600+/-0.000 χ^2/NDF : 11042049.4/13

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.028+/-0.000 χ^2/NDF : 555715.2/5

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

Right Out: 0.029+/-0.000 χ^2/NDF : 659796.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

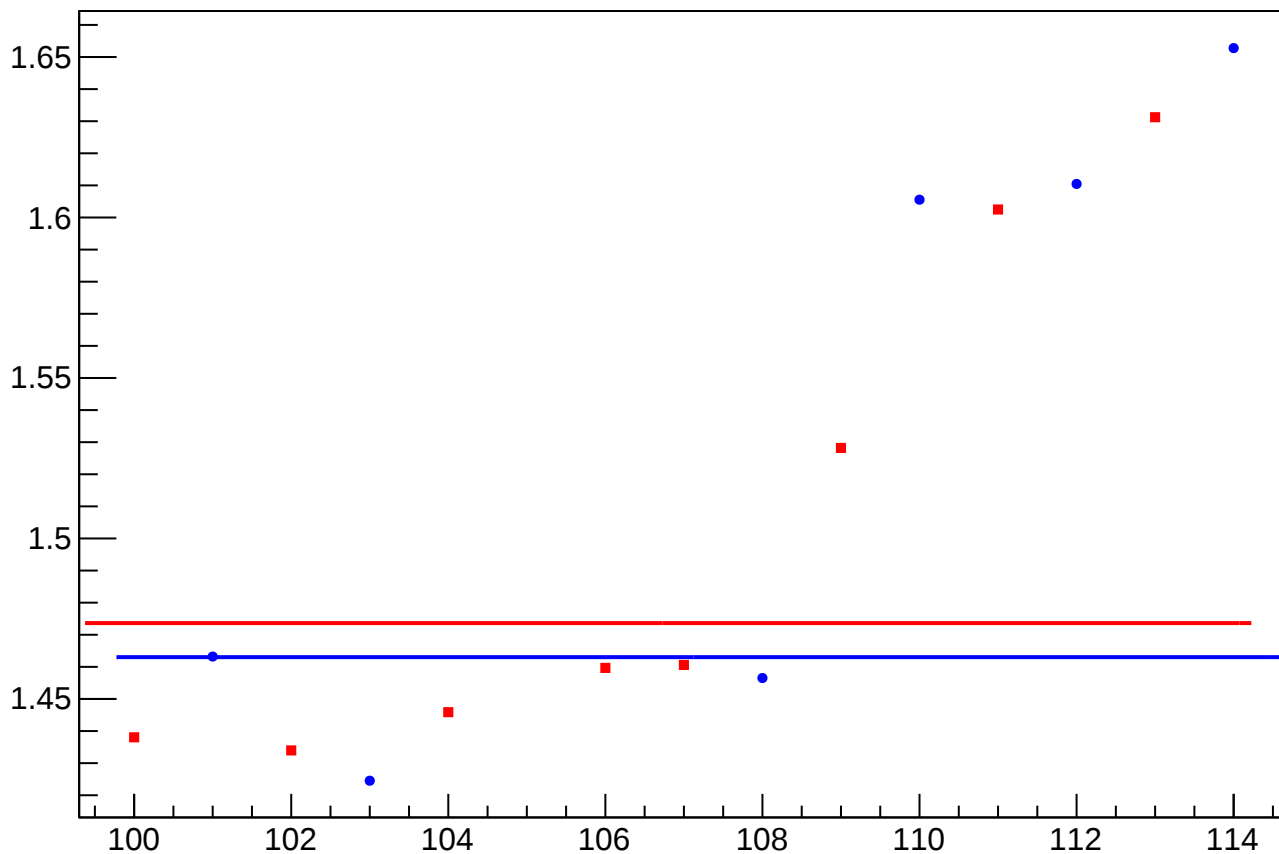
Right: 0.028+/-0.000 χ^2/NDF : 1216238.1/13

In: 0.028+/-0.000 χ^2/NDF : 555715.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.000 χ^2/NDF : 1216238.1/13

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 1.463+/-0.000

χ^2/NDF : 13424390.4/5

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 1.474+/-0.000

χ^2/NDF : 17872271.8/7

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1.469+/-0.000

χ^2/NDF : 31674930.7/13

In: 1.463+/-0.000

χ^2/NDF : 13424390.4/5

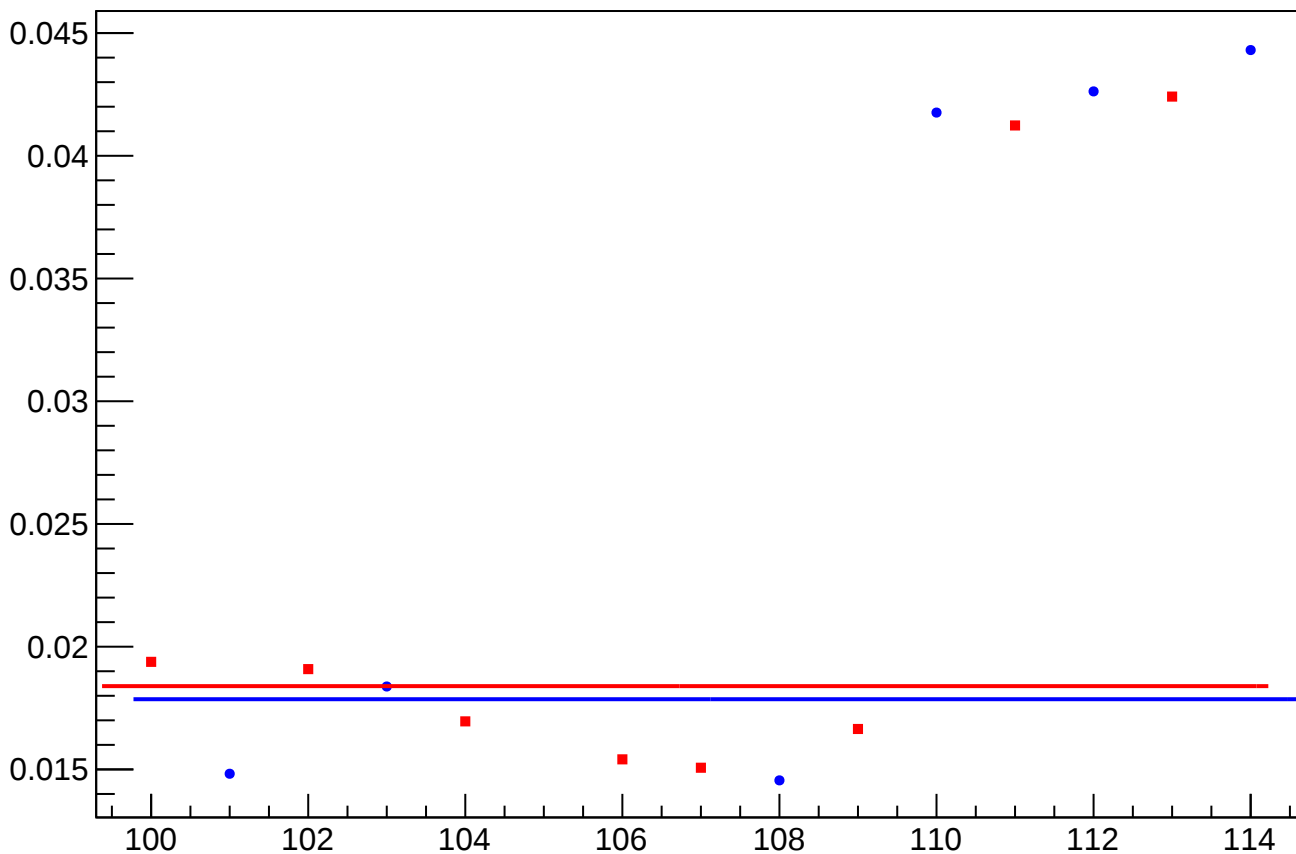
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.469+/-0.000

χ^2/NDF : 31674930.7/13

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 664529.6/5

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

Right Out: 0.018+/-0.000 χ^2/NDF : 588038.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

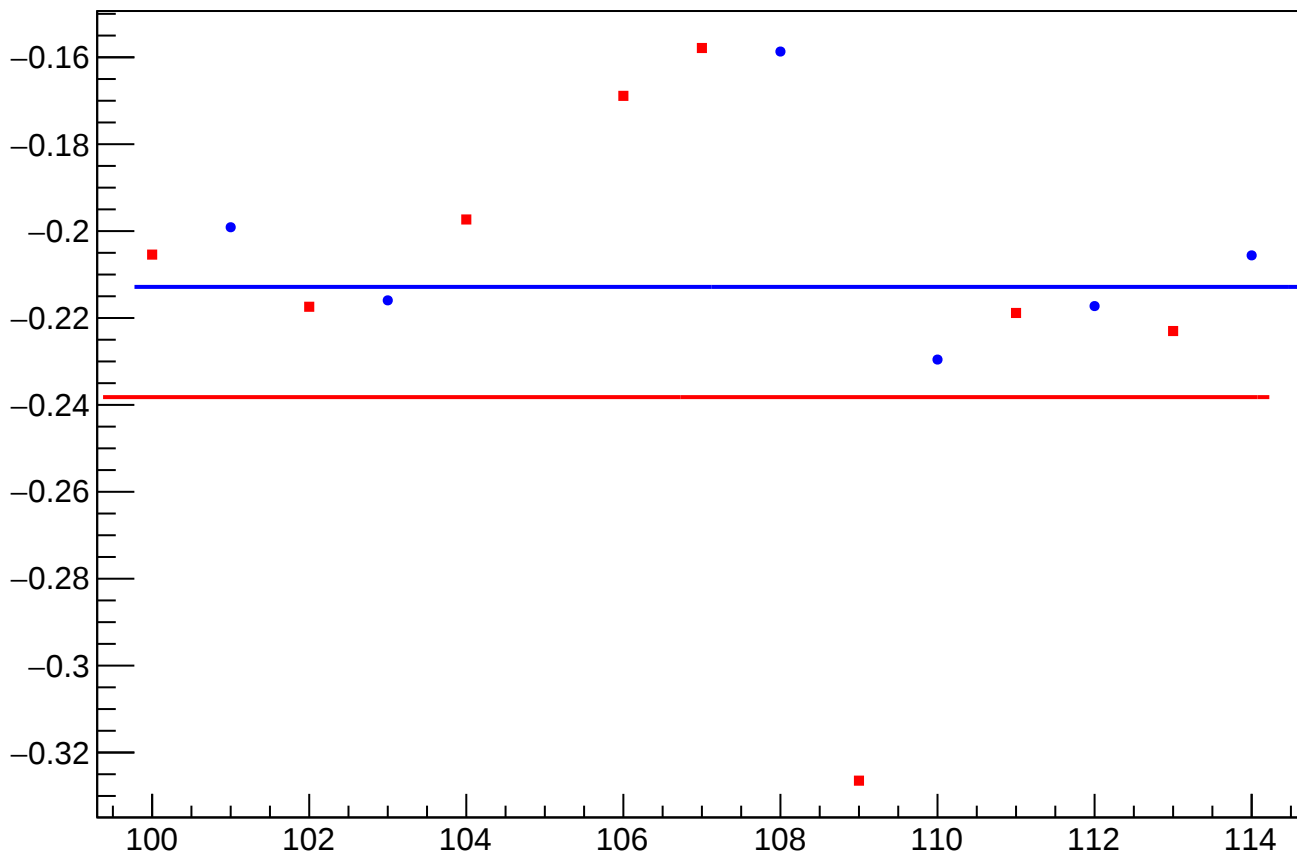
Right: 0.018+/-0.000 χ^2/NDF : 1254477.4/13

In: 0.018+/-0.000 χ^2/NDF : 664529.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.000 χ^2/NDF : 1254477.4/13

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.213+/-0.000 χ^2/NDF : 1059104.2/5

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

Right Out: -0.238+/-0.000 χ^2/NDF : 10314957.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

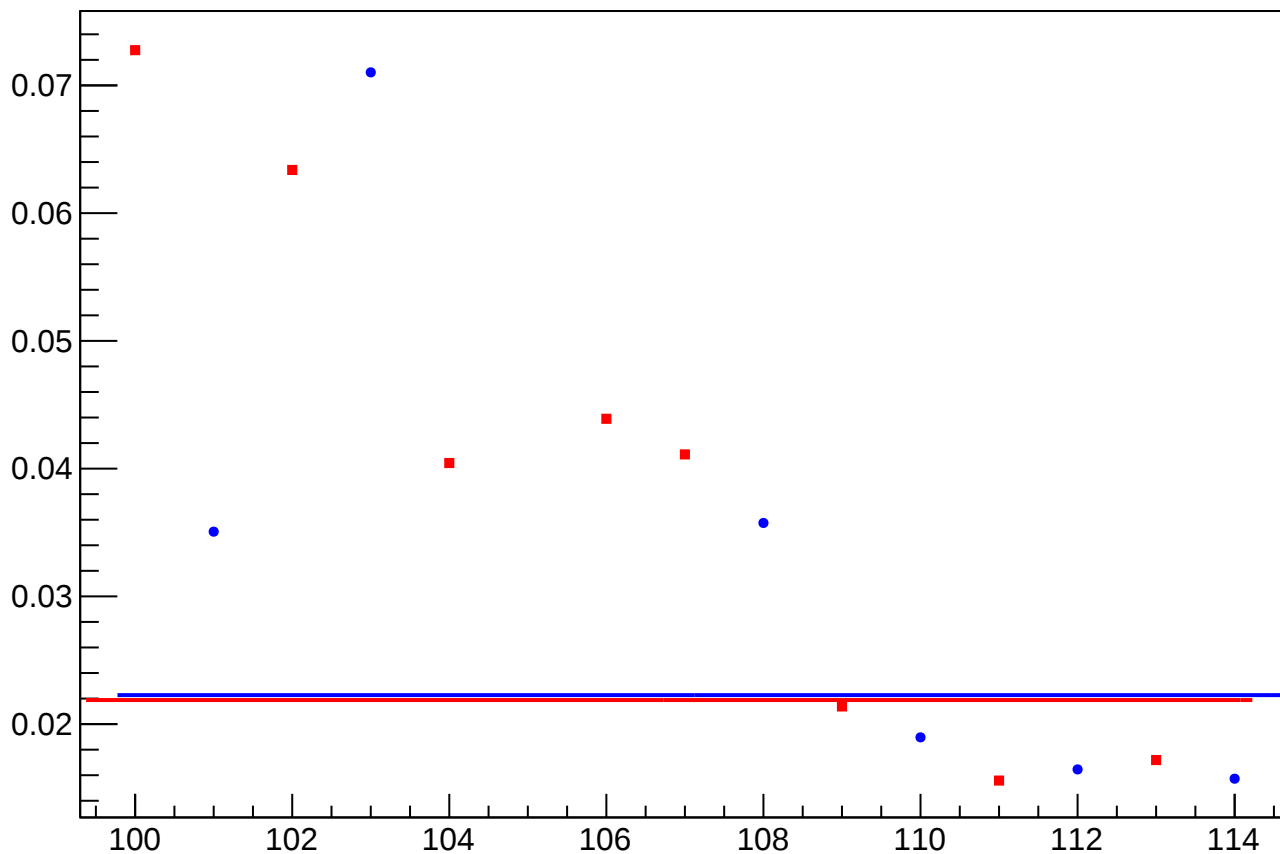
Right: -0.227+/-0.000 χ^2/NDF : 12618420.1/13

In: -0.213+/-0.000 χ^2/NDF :1059104.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.227+/-0.000 χ^2/NDF : 12618420.1/13

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.022+/-0.000 χ^2/NDF : 898634.2/5

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

Right Out: 0.022+/-0.000 χ^2/NDF : 1070144.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

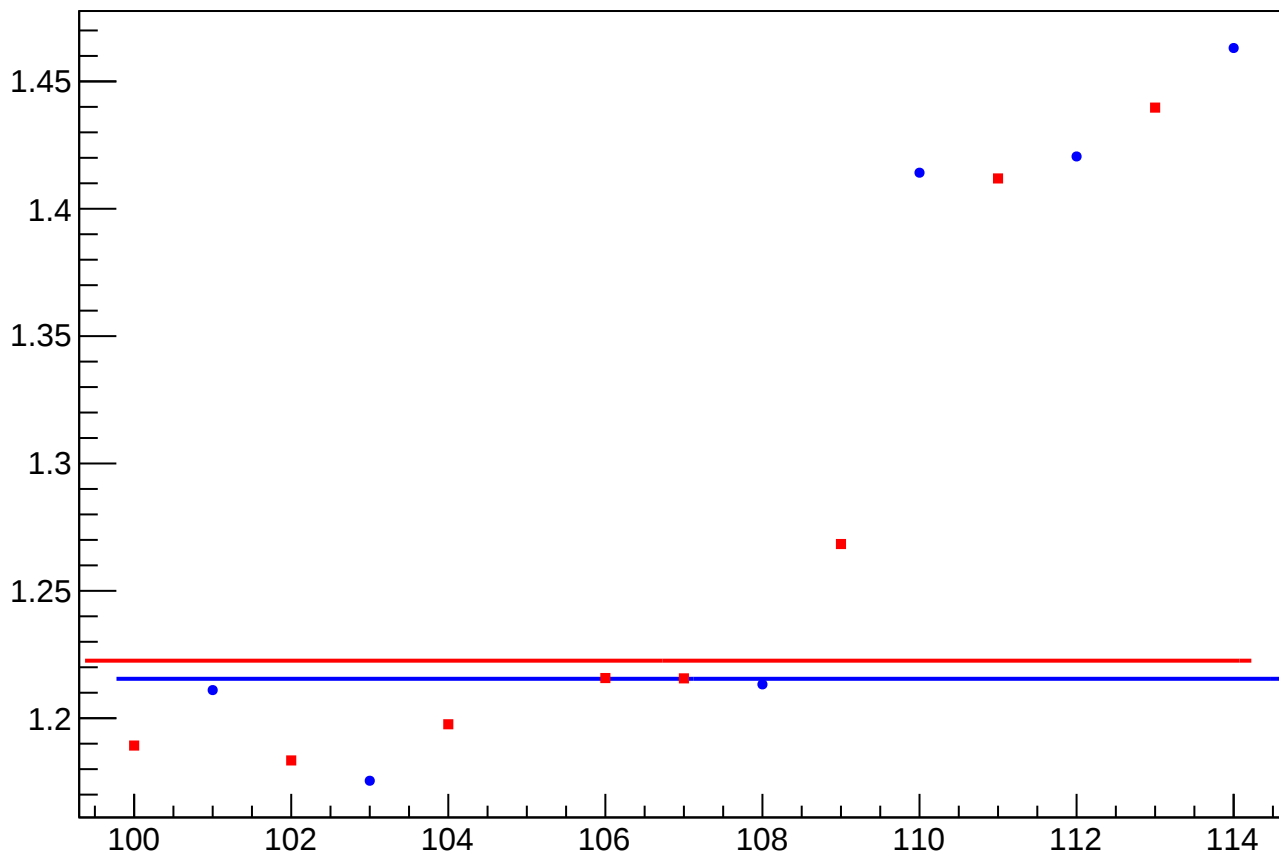
Right: 0.022+/-0.000 χ^2/NDF : 1969352.9/13

In: 0.022+/-0.000 χ^2/NDF :898634.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.022+/-0.000 χ^2/NDF : 1969352.9/13

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 1.215+/-0.000 χ^2/NDF : 25974181.1/5

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

Right Out: 1.223+/-0.000 χ^2/NDF : 29084294.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

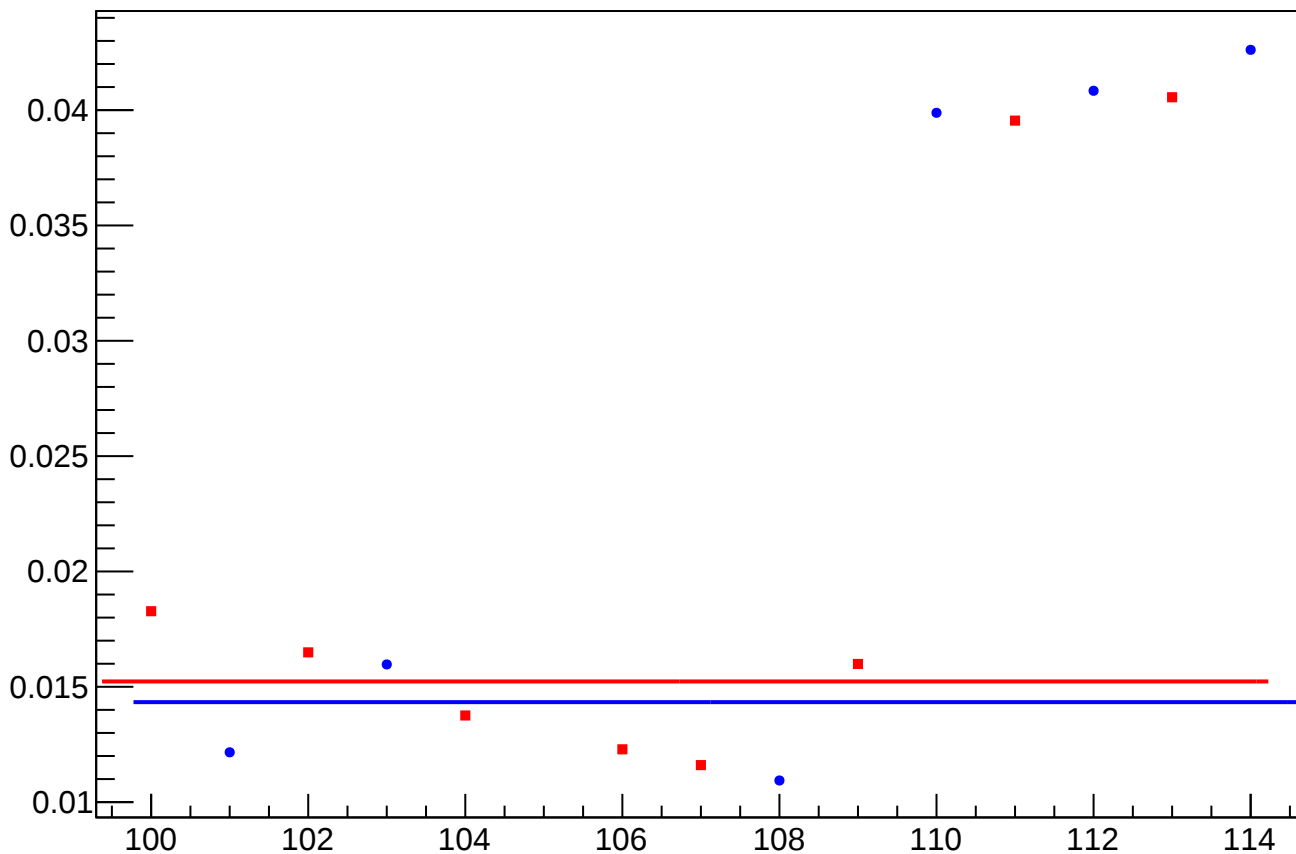
Right: 1.219+/-0.000 χ^2/NDF : 55302403.9/13

In: 1.215+/-0.000 χ^2/NDF :25974181.1/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.219+/-0.000 χ^2/NDF : 55302403.9/13

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 831362.2/5

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

Right Out: 0.015+/-0.000 χ^2/NDF : 747653.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

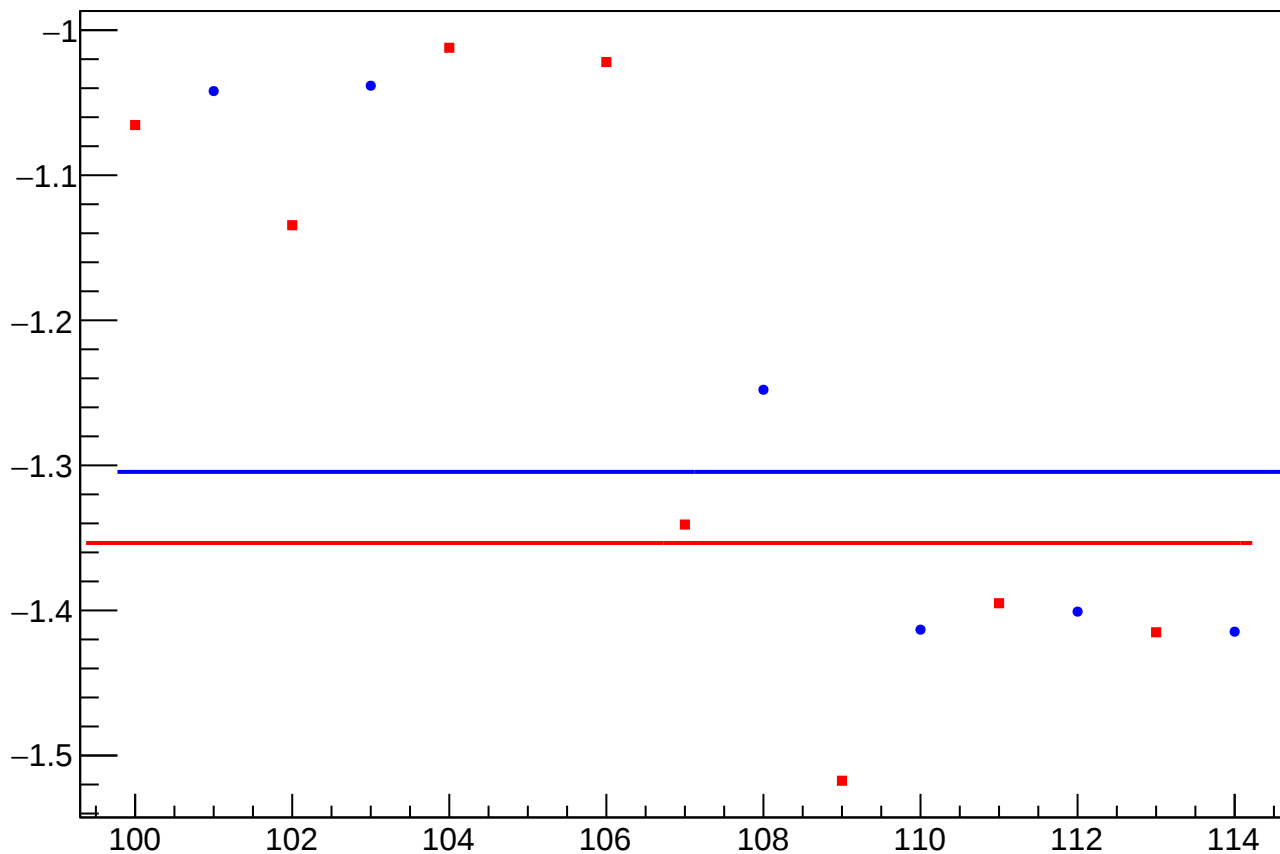
Right: 0.015+/-0.000 χ^2/NDF : 1586762.1/13

In: 0.014+/-0.000 χ^2/NDF :831362.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1586762.1/13

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.304+/-0.000 χ^2/NDF : 57020197.5/5

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

Right Out: -1.353+/-0.000 χ^2/NDF : 71218125.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

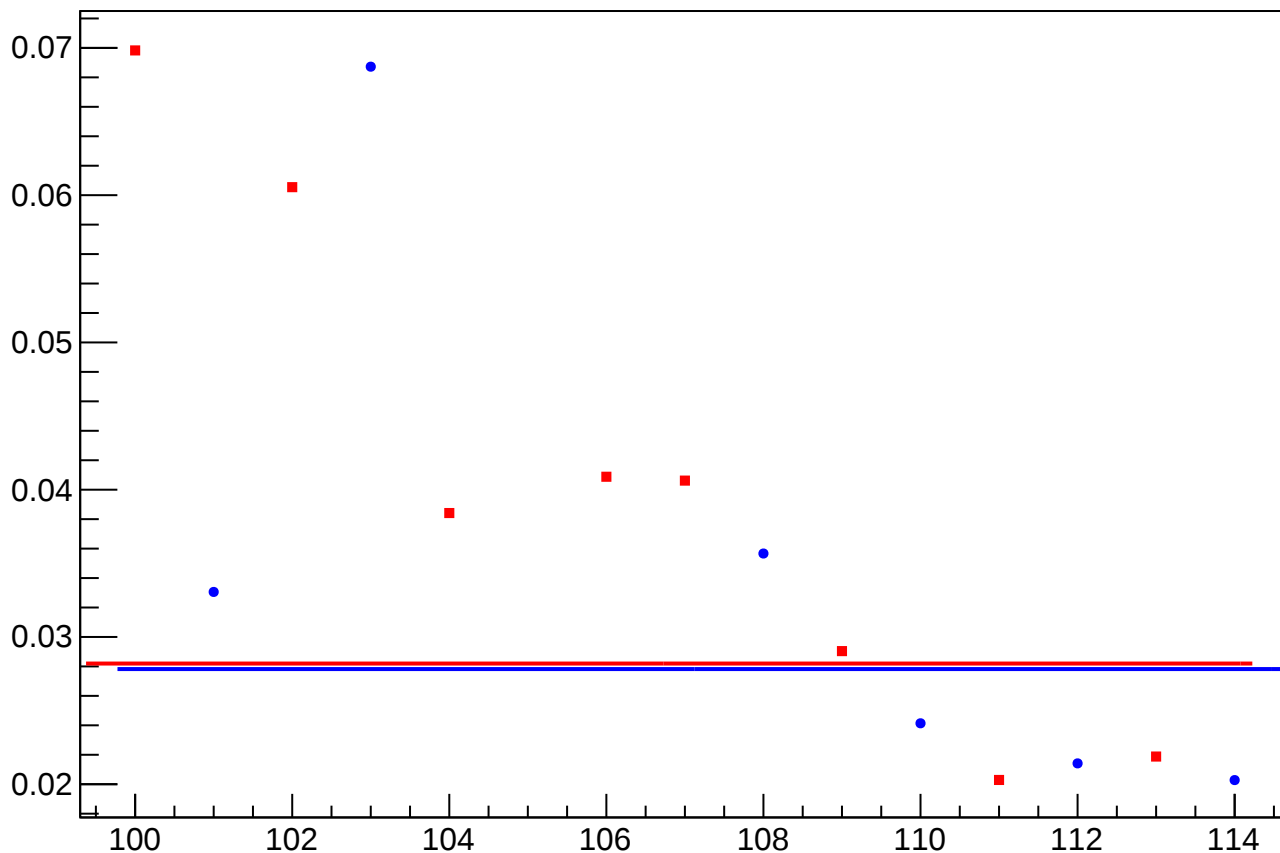
Right: -1.331+/-0.000 χ^2/NDF : 131398481.7/13

In: -1.304+/-0.000 χ^2/NDF :57020197.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.331+/-0.000 χ^2/NDF : 131398481.7/13

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.028+/-0.000 χ^2/NDF : 561151.4/5

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

Right Out: 0.028+/-0.000 χ^2/NDF : 655435.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

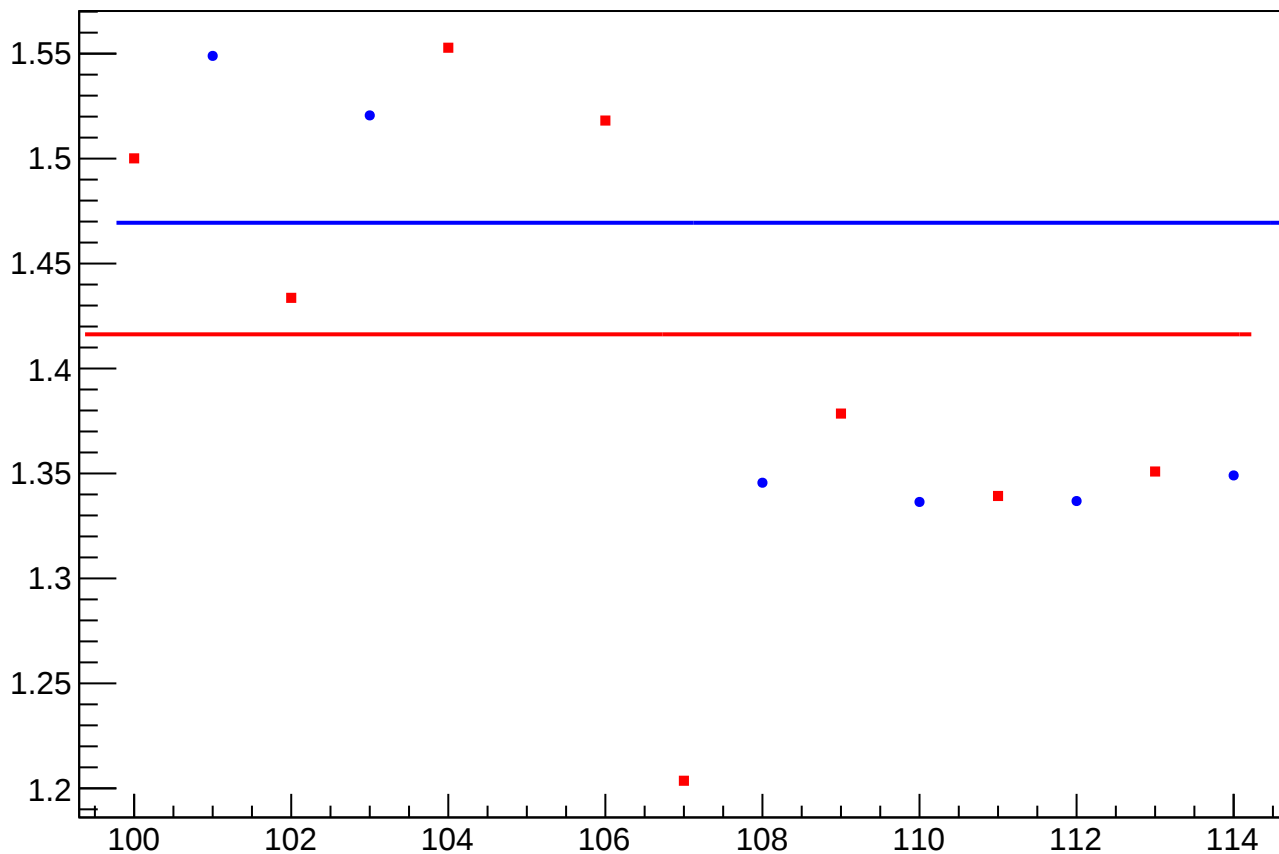
Right: 0.028+/-0.000 χ^2/NDF : 1216956.6/13

In: 0.028+/-0.000 χ^2/NDF : 561151.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.000 χ^2/NDF : 1216956.6/13

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.469+/-0.000 χ^2/NDF : 47907194.8/5

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

Right Out: 1.416+/-0.000 χ^2/NDF : 106628437.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

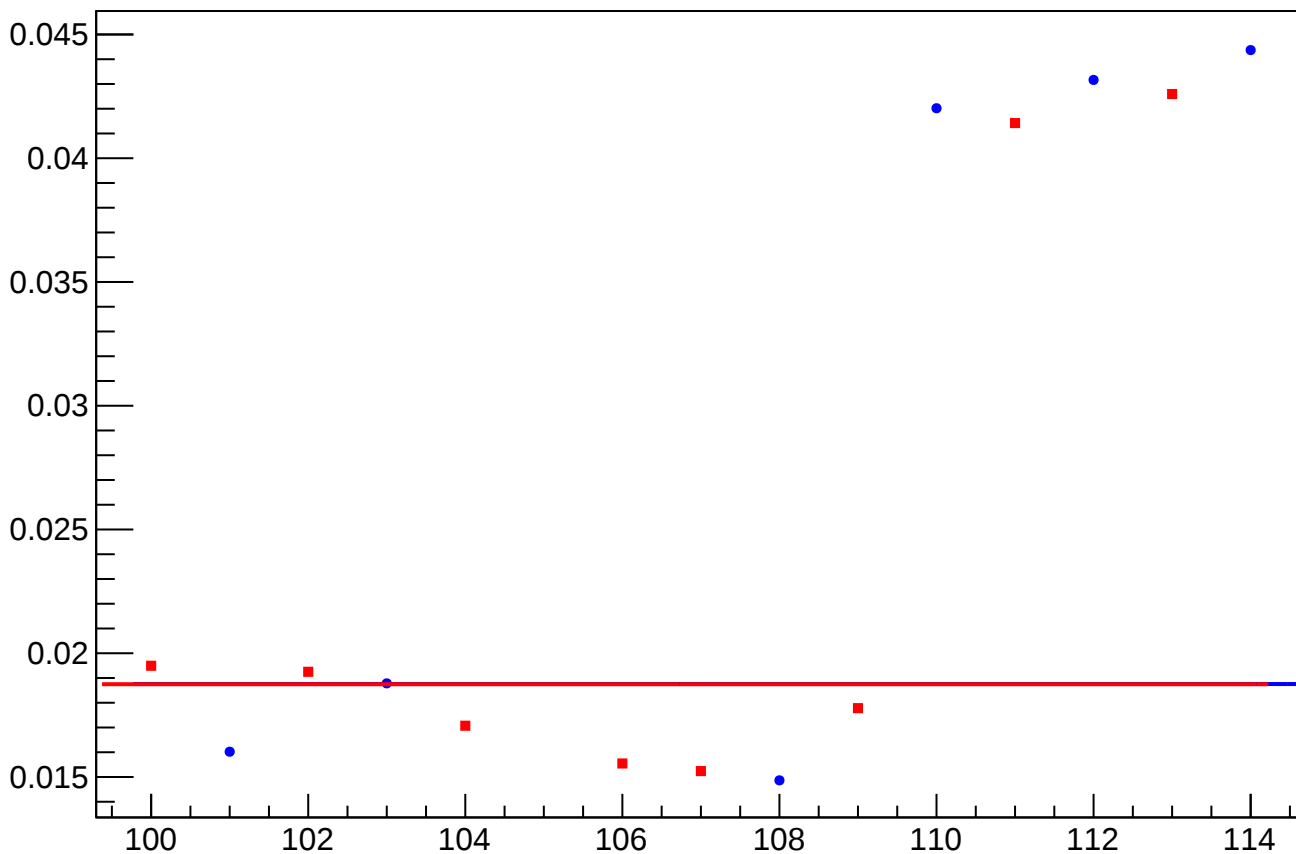
Right: 1.440+/-0.000 χ^2/NDF : 163366923.3/13

In: 1.469+/-0.000 χ^2/NDF : 47907194.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.440+/-0.000 χ^2/NDF : 163366923.3/13

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 626252.4/5

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

Right Out: 0.019+/-0.000 χ^2/NDF : 576809.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

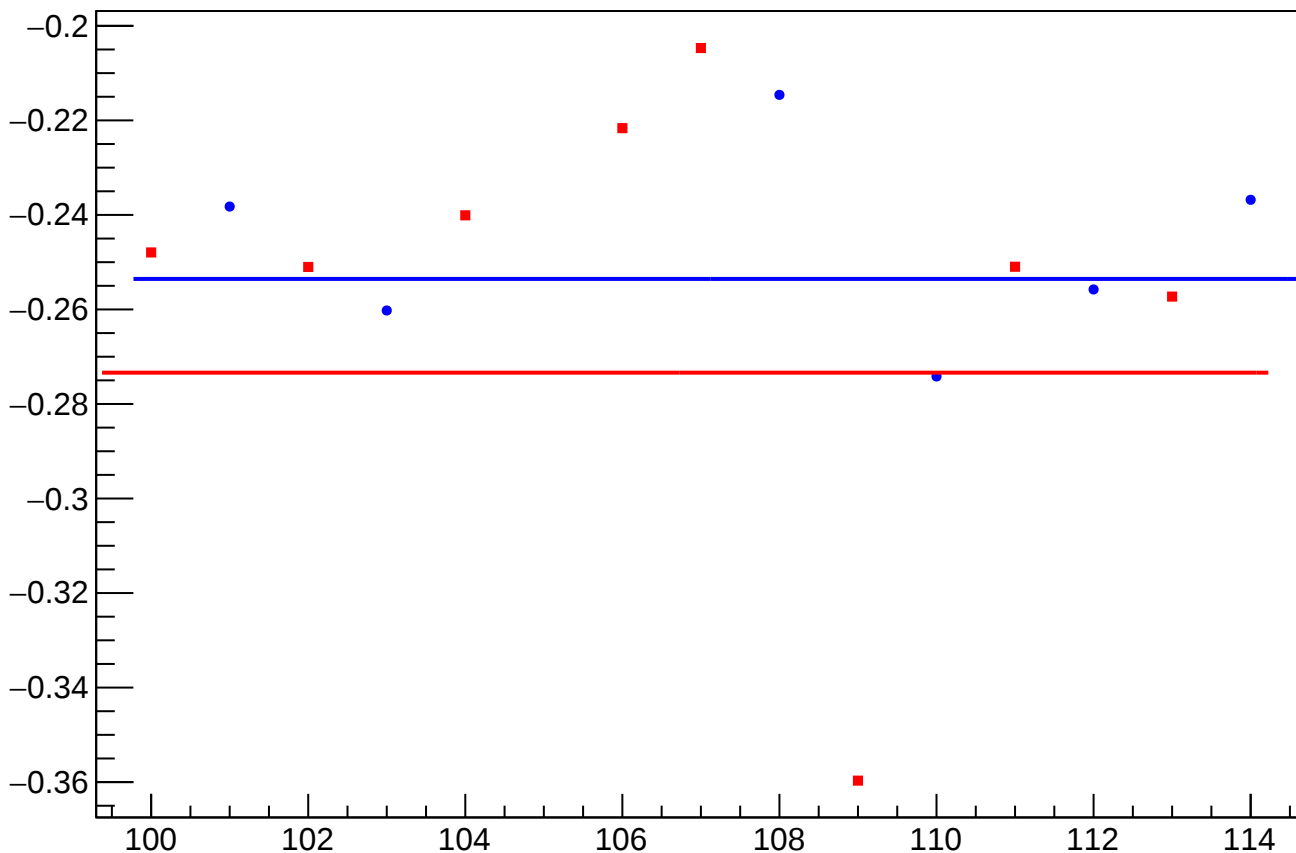
Right: 0.019+/-0.000 χ^2/NDF : 1203061.8/13

In: 0.019+/-0.000 χ^2/NDF :626252.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.019+/-0.000 χ^2/NDF : 1203061.8/13

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.254+/-0.000 χ^2 /NDF: 902381.7/5

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

Right Out: -0.273+/-0.000 χ^2 /NDF: 9435489.9/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

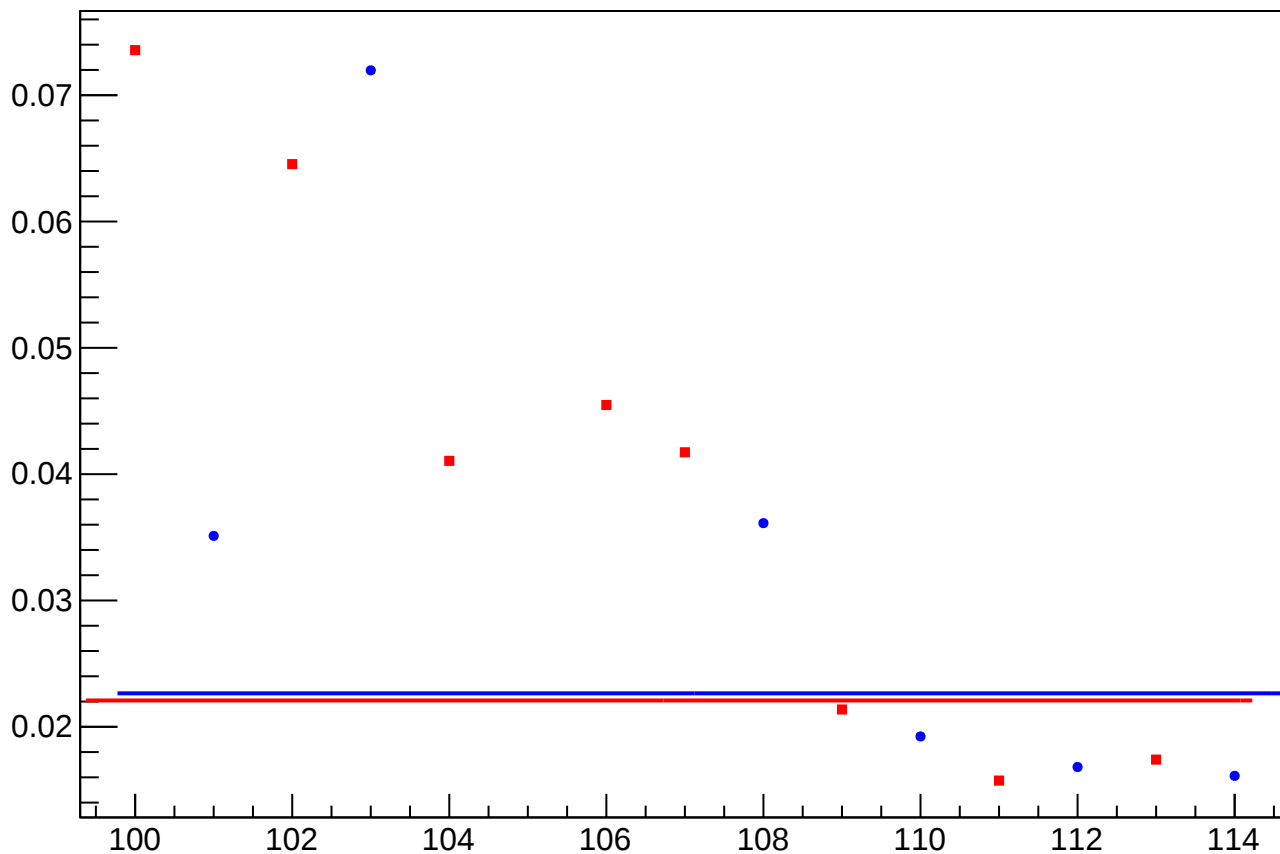
Right: -0.265+/-0.000 χ^2 /NDF: 11077869.2/13

In: -0.254+/-0.000 χ^2 /NDF:902381.7/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.265+/-0.000 χ^2 /NDF: 11077869.2/13

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 881964.3/5

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

Right Out: 0.022+/-0.000 χ^2/NDF : 1084963.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

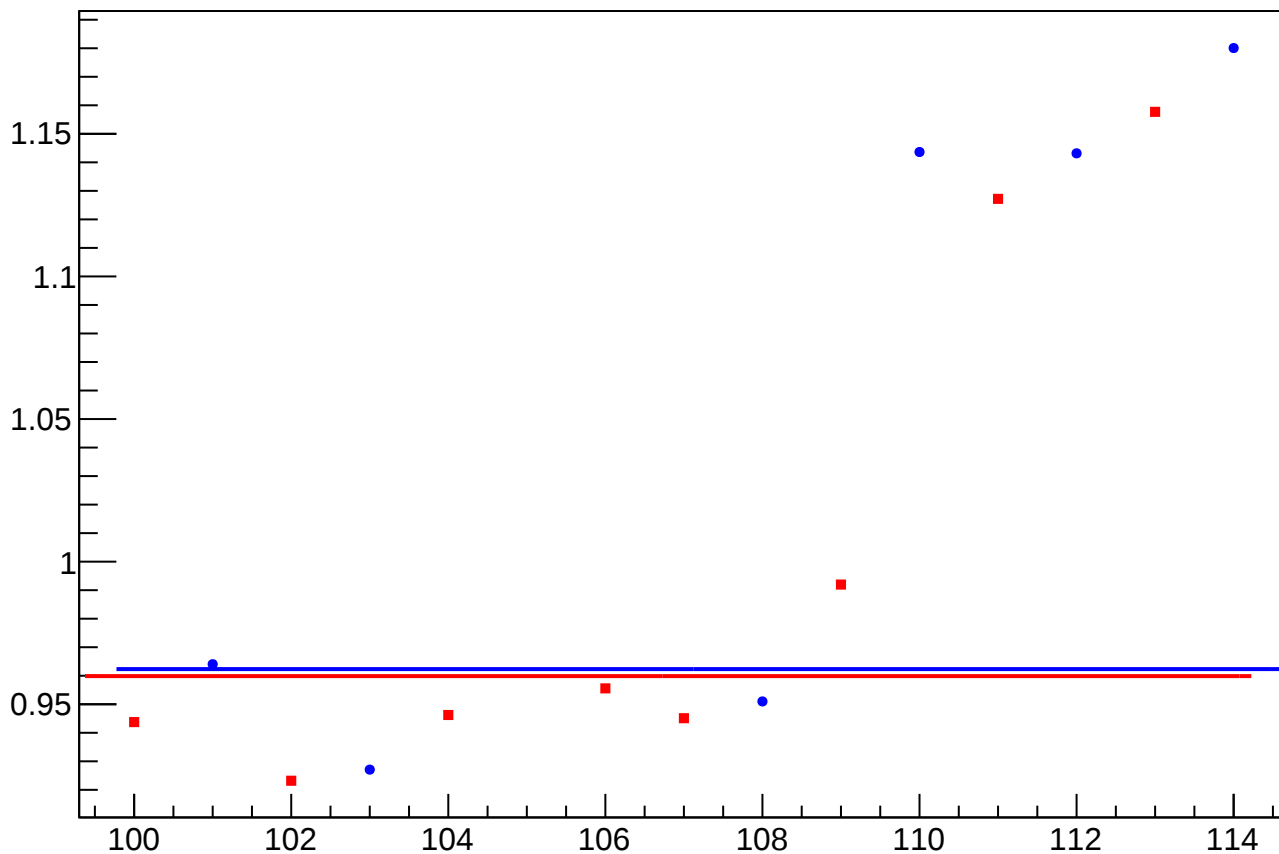
Right: 0.022+/-0.000 χ^2/NDF : 1968128.8/13

In: 0.023+/-0.000 χ^2/NDF : 881964.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.000 χ^2/NDF : 1968128.8/13

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.962+/-0.000 χ^2/NDF : 21577878.3/5

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

Right Out: 0.960+/-0.000 χ^2/NDF : 23183826.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

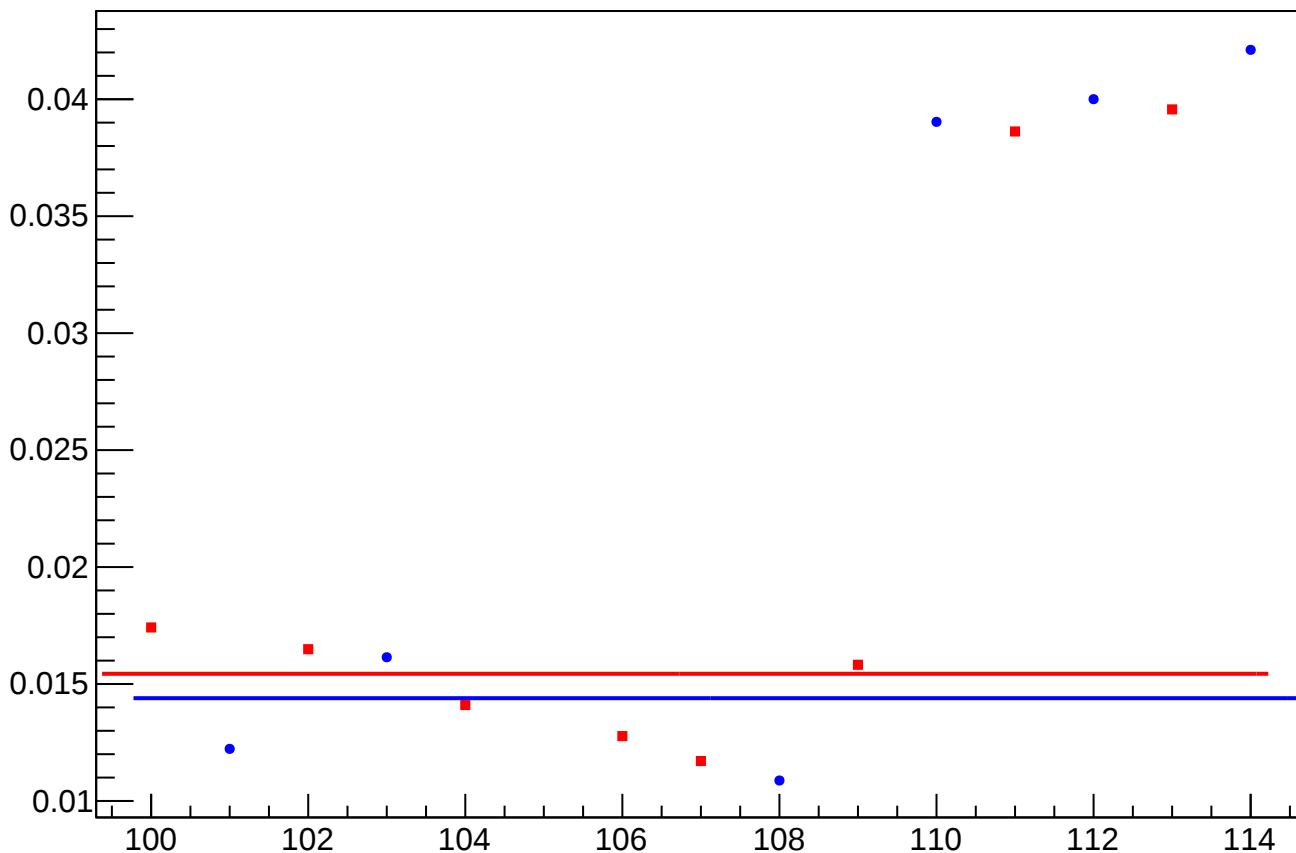
Right: 0.961+/-0.000 χ^2/NDF : 44790620.0/13

In: 0.962+/-0.000 χ^2/NDF : 21577878.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.961+/-0.000 χ^2/NDF : 44790620.0/13

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 819158.5/5

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

Right Out: 0.015+/-0.000 χ^2/NDF : 707096.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

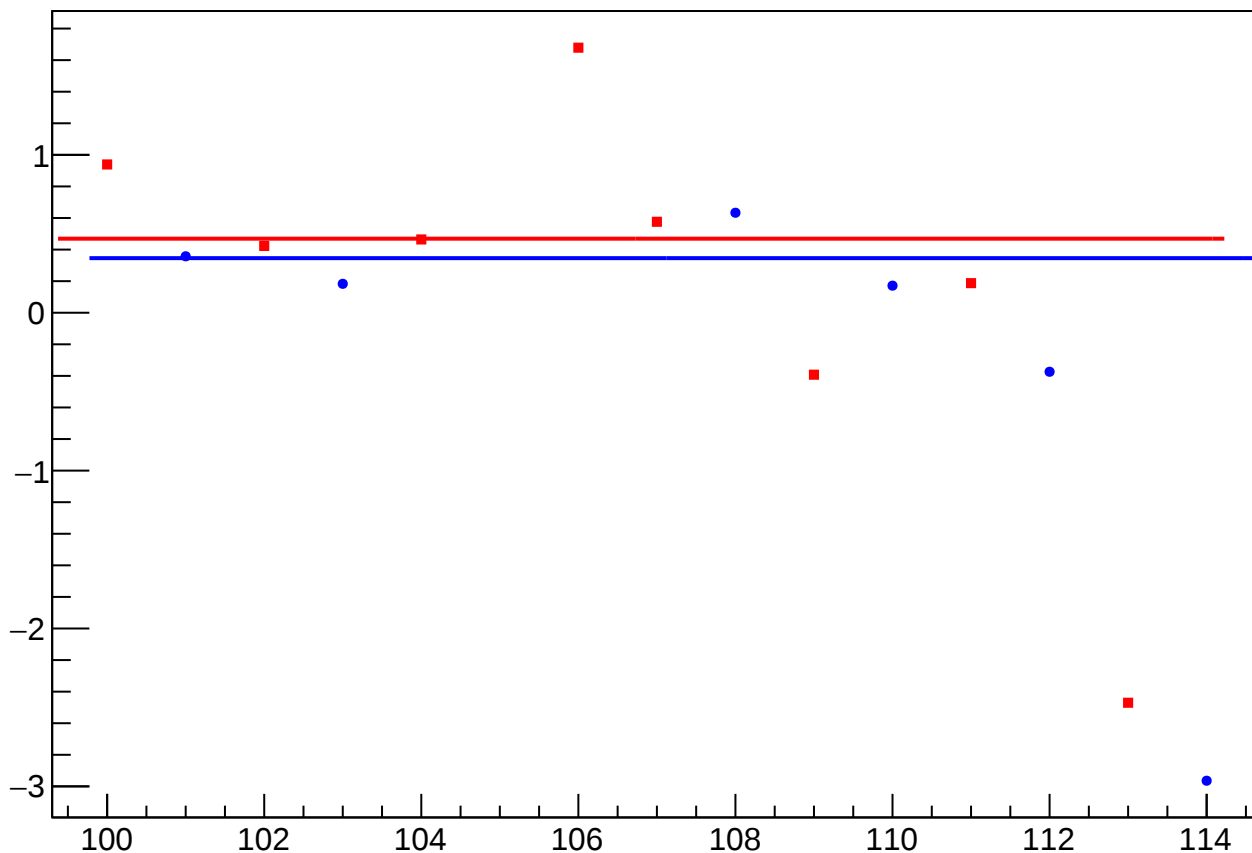
Right: 0.015+/-0.000 χ^2/NDF : 1536632.4/13

In: 0.014+/-0.000 χ^2/NDF : 819158.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1536632.4/13

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.346+/-0.000 χ^2/NDF : 74406539.9/5

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

Right Out: 0.469+/-0.000 χ^2/NDF : 743194632.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

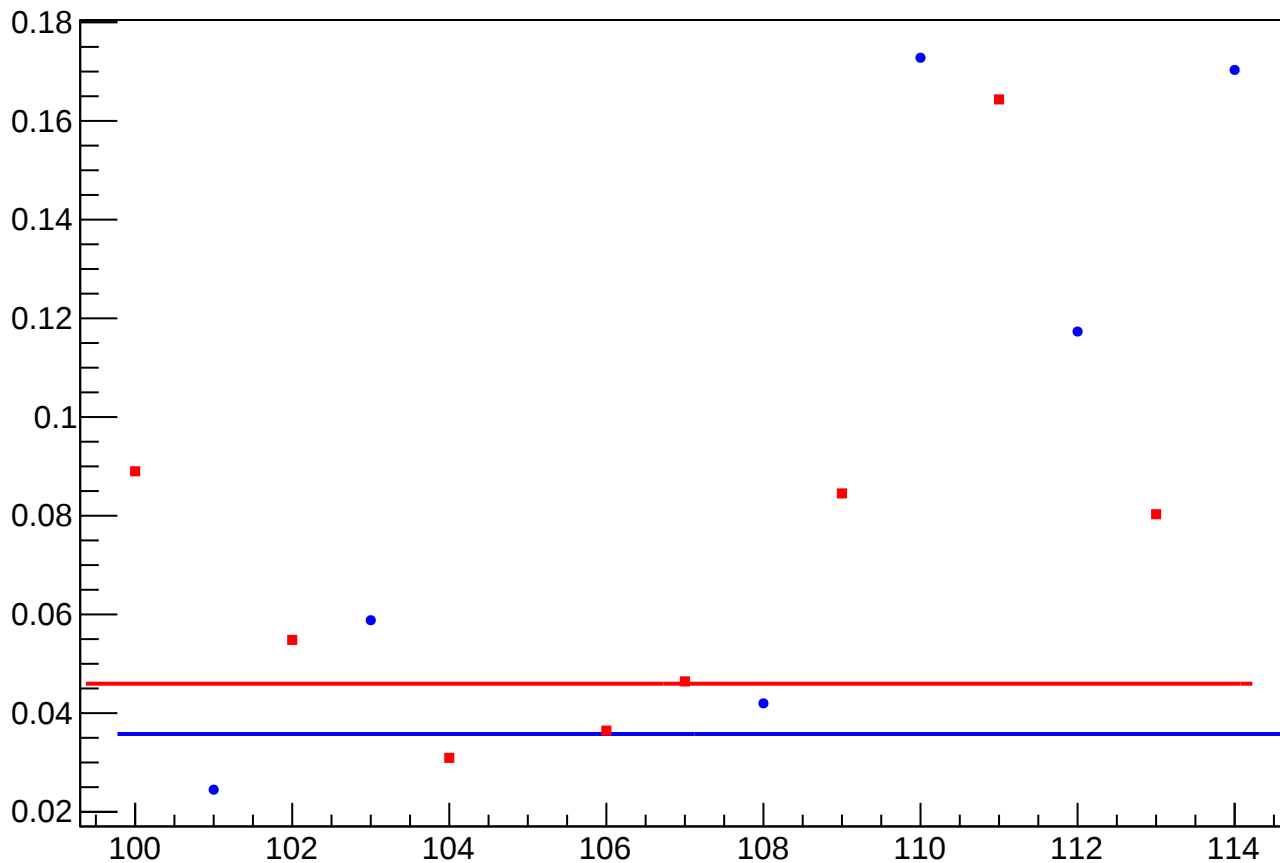
Right: 0.401+/-0.000 χ^2/NDF : 825655594.5/13

In: 0.346+/-0.000 χ^2/NDF : 74406539.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.401+/-0.000 χ^2/NDF : 825655594.5/13

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.036+/-0.000 χ^2/NDF : 1325954.1/5

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

Right Out: 0.046+/-0.000 χ^2/NDF : 976242.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

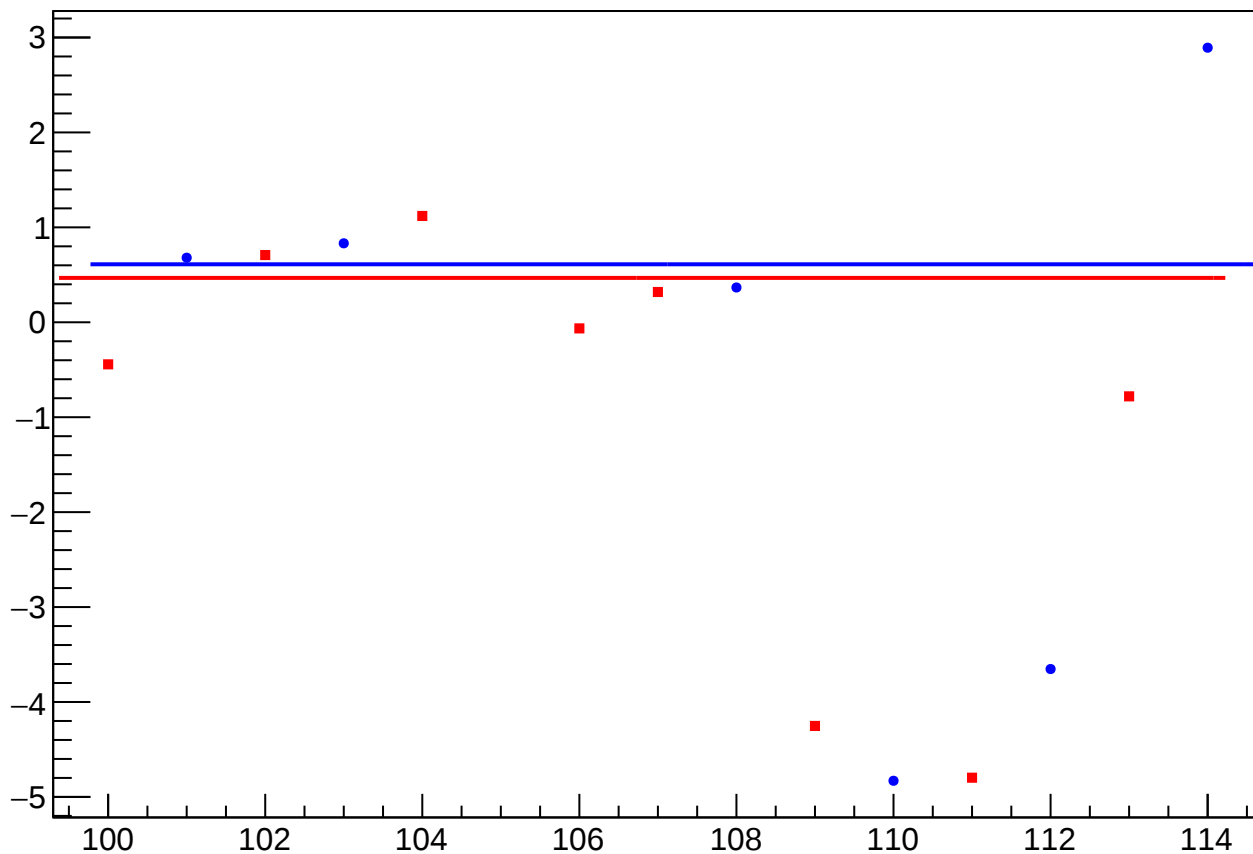
Right: 0.040+/-0.000 χ^2/NDF : 2412126.0/13

In: 0.036+/-0.000 χ^2/NDF : 1325954.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.040+/-0.000 χ^2/NDF : 2412126.0/13

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.611+/-0.000 χ^2/NDF : 1484728718.1/5

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

Right Out: 0.468+/-0.000 χ^2/NDF : 3489657810.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

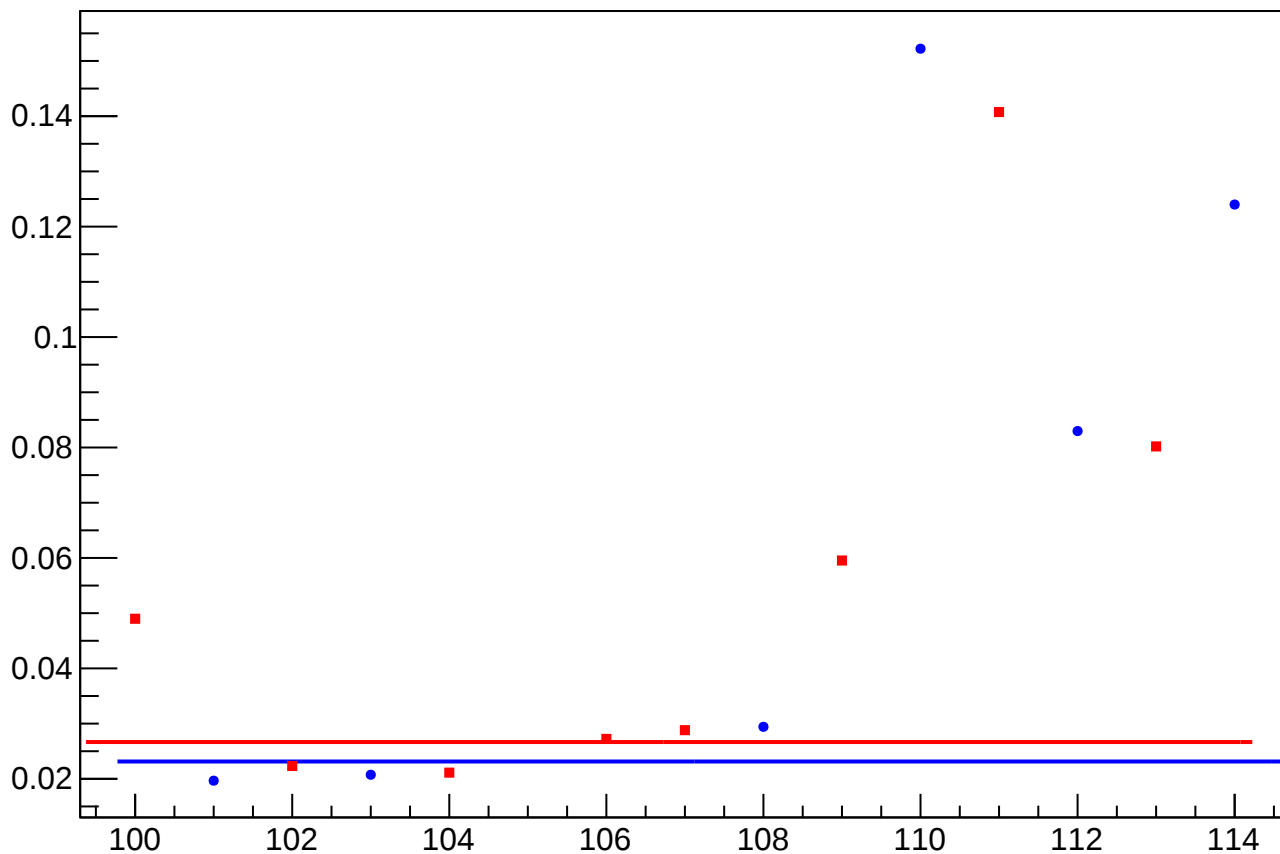
Right: 0.542+/-0.000 χ^2/NDF : 5004201827.6/13

In: 0.611+/-0.000 χ^2/NDF : 1484728718.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.542+/-0.000 χ^2/NDF : 5004201827.6/13

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 1062741.0/5

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

Right Out: 0.027+/-0.000 χ^2/NDF : 1207339.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

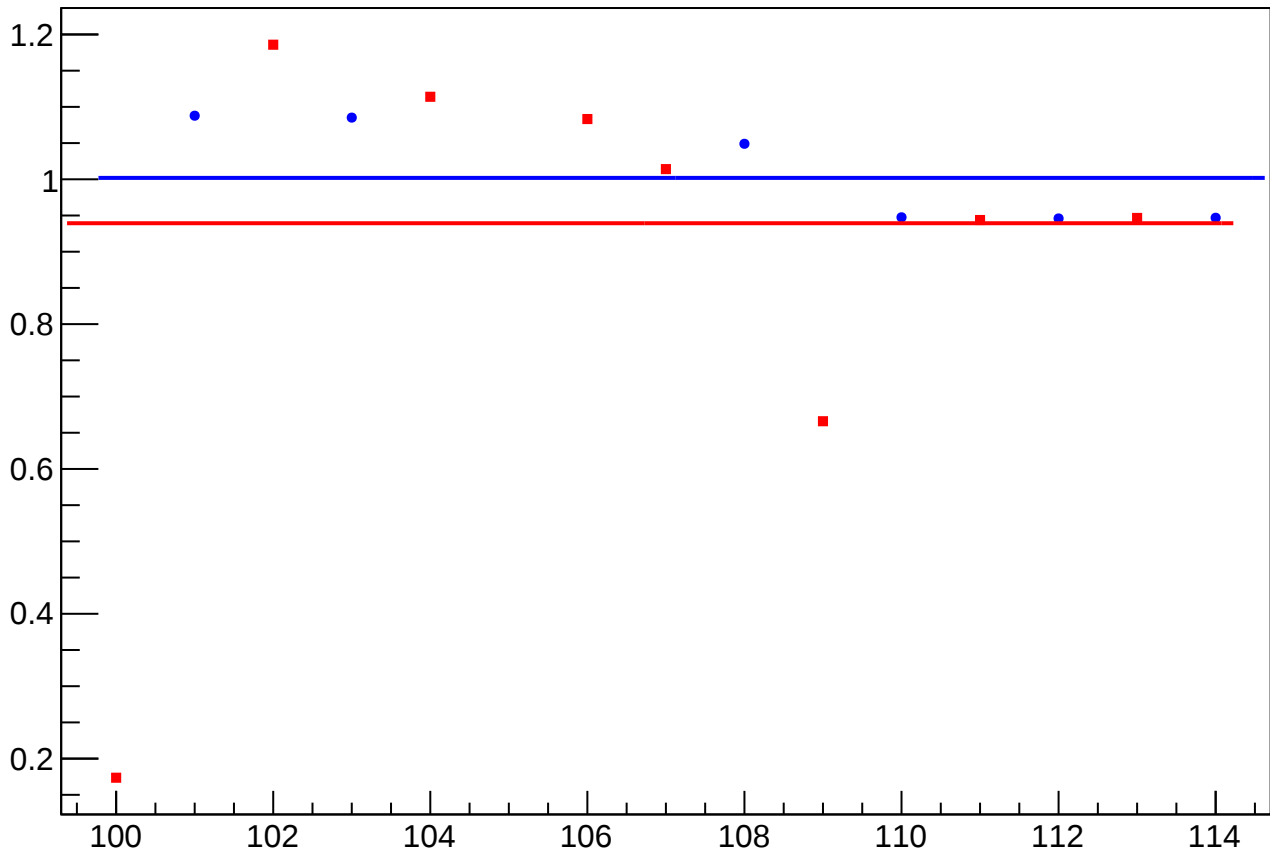
Right: 0.025+/-0.000 χ^2/NDF : 2306135.1/13

In: 0.023+/-0.000 χ^2/NDF :1062741.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.025+/-0.000 χ^2/NDF : 2306135.1/13

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 1.002 $\pm$ 0.000 χ^2 /NDF: 37449892.9/5

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

Right Out: 0.939 $\pm$ 0.000 χ^2 /NDF: 255721753.7/7

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

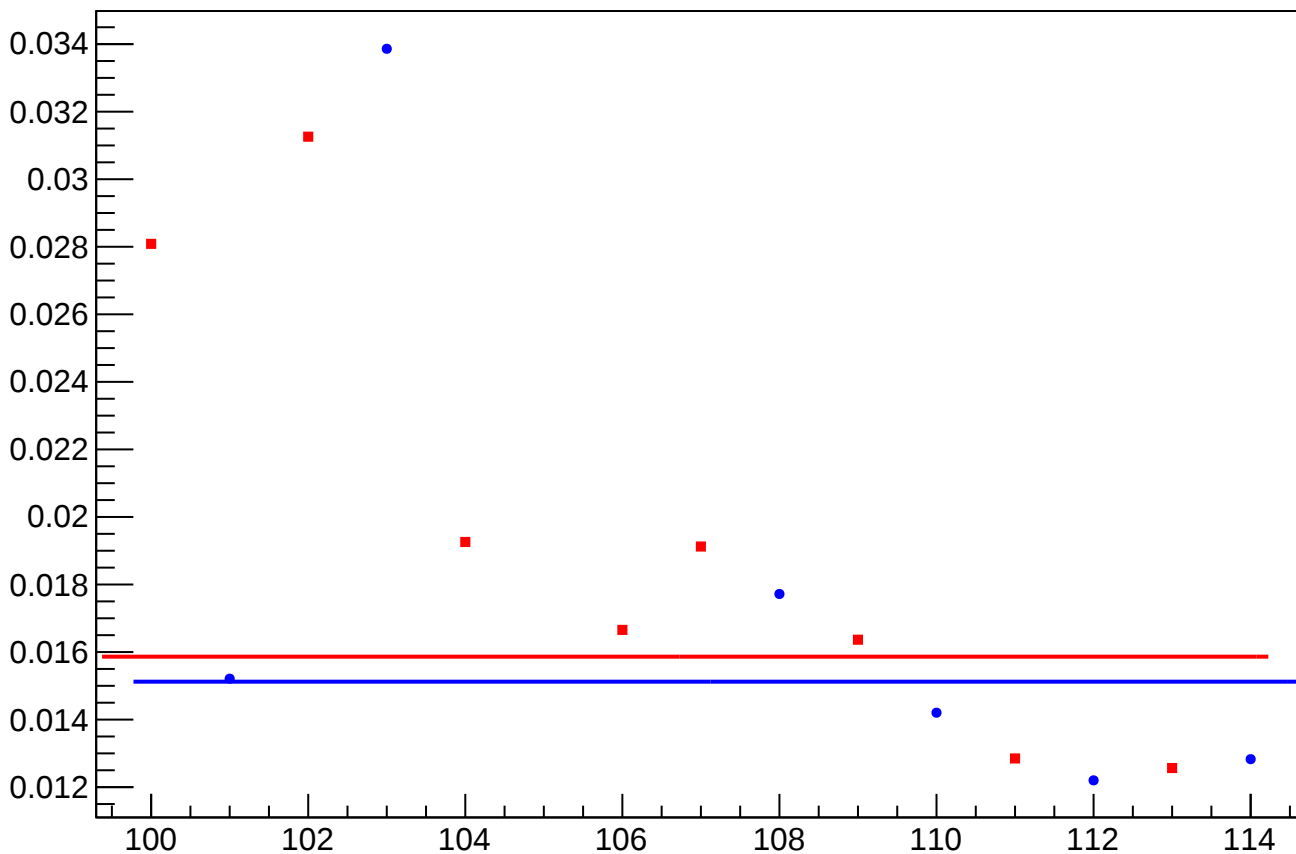
Right: 0.969 $\pm$ 0.000 χ^2 /NDF: 311416994.2/13

In: 1.002 $\pm$ 0.000 χ^2 /NDF:37449892.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.969 $\pm$ 0.000 χ^2 /NDF: 311416994.2/13

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 391399.8/5

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

Right Out: 0.016+/-0.000 χ^2/NDF : 403795.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

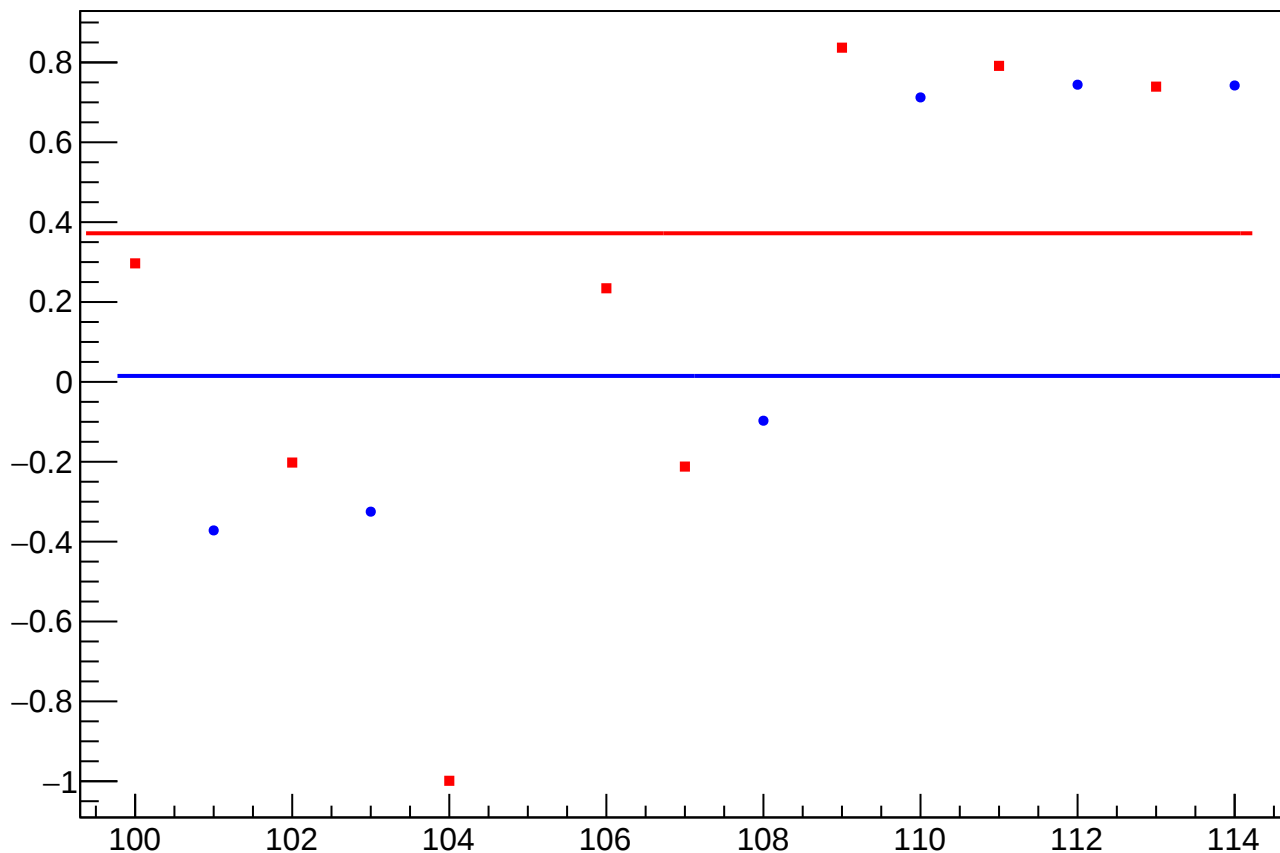
Right: 0.016+/-0.000 χ^2/NDF : 800297.7/13

In: 0.015+/-0.000 χ^2/NDF : 391399.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 800297.7/13

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 1549615412.9/5

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

Right Out: 0.372+/-0.000 χ^2/NDF : 5861186935.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

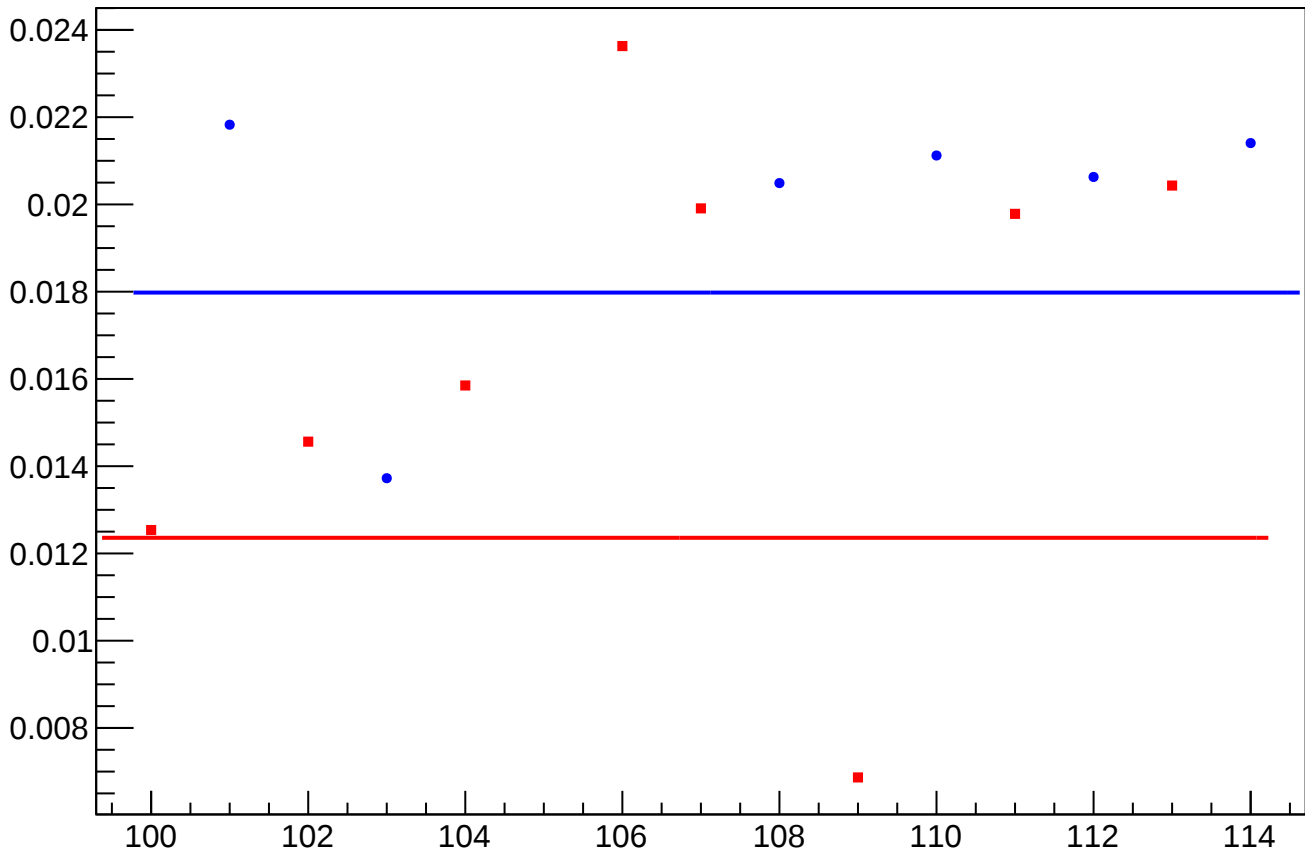
Right: 0.259+/-0.000 χ^2/NDF : 7987916519.1/13

In: 0.015+/-0.000 χ^2/NDF : 1549615412.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.259+/-0.000 χ^2/NDF : 7987916519.1/13

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 177952.4/5

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

Right Out: 0.012+/-0.000 χ^2/NDF : 918014.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

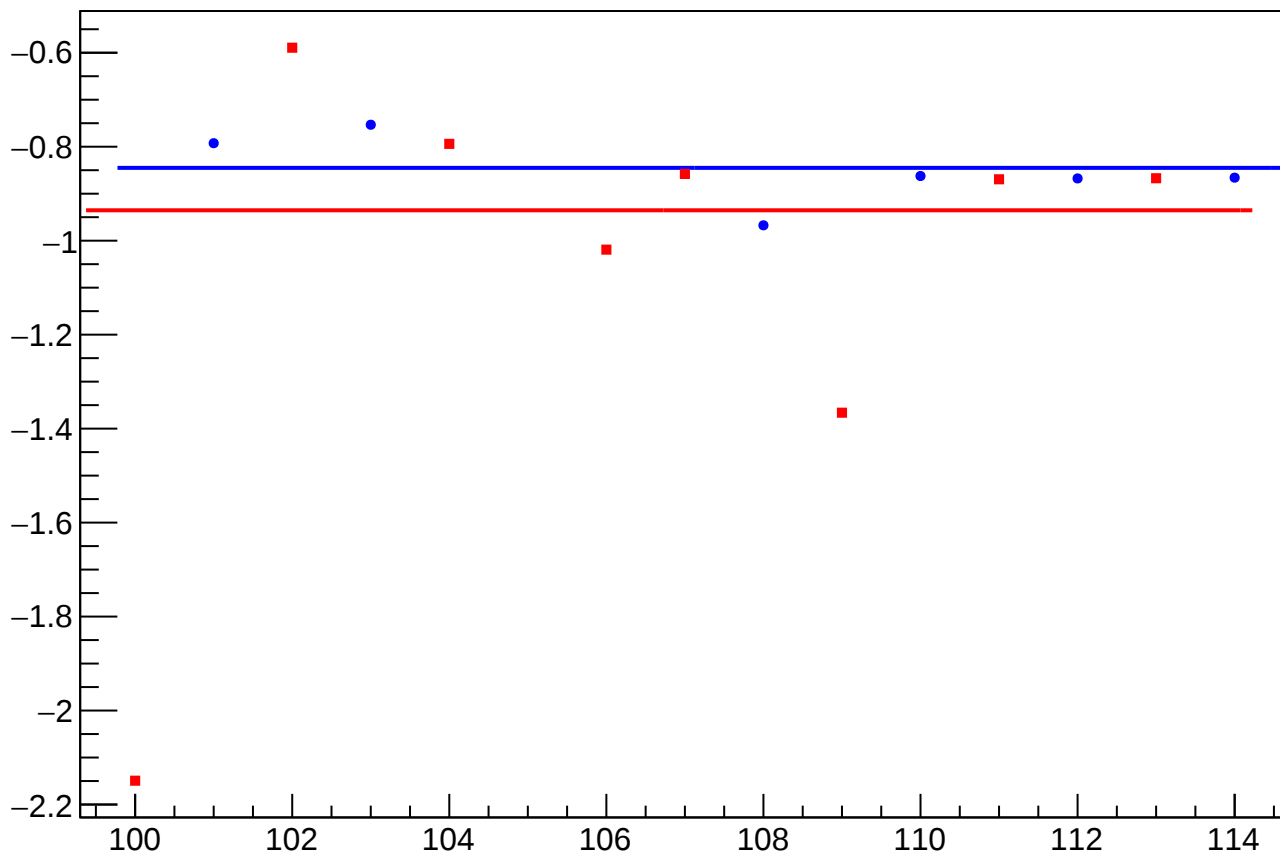
Right: 0.014+/-0.000 χ^2/NDF : 1381726.1/13

In: 0.018+/-0.000 χ^2/NDF :177952.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 1381726.1/13

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.845+/-0.000 χ^2/NDF : 5880854.9/5

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

Right Out: -0.935+/-0.000 χ^2/NDF : 105662558.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

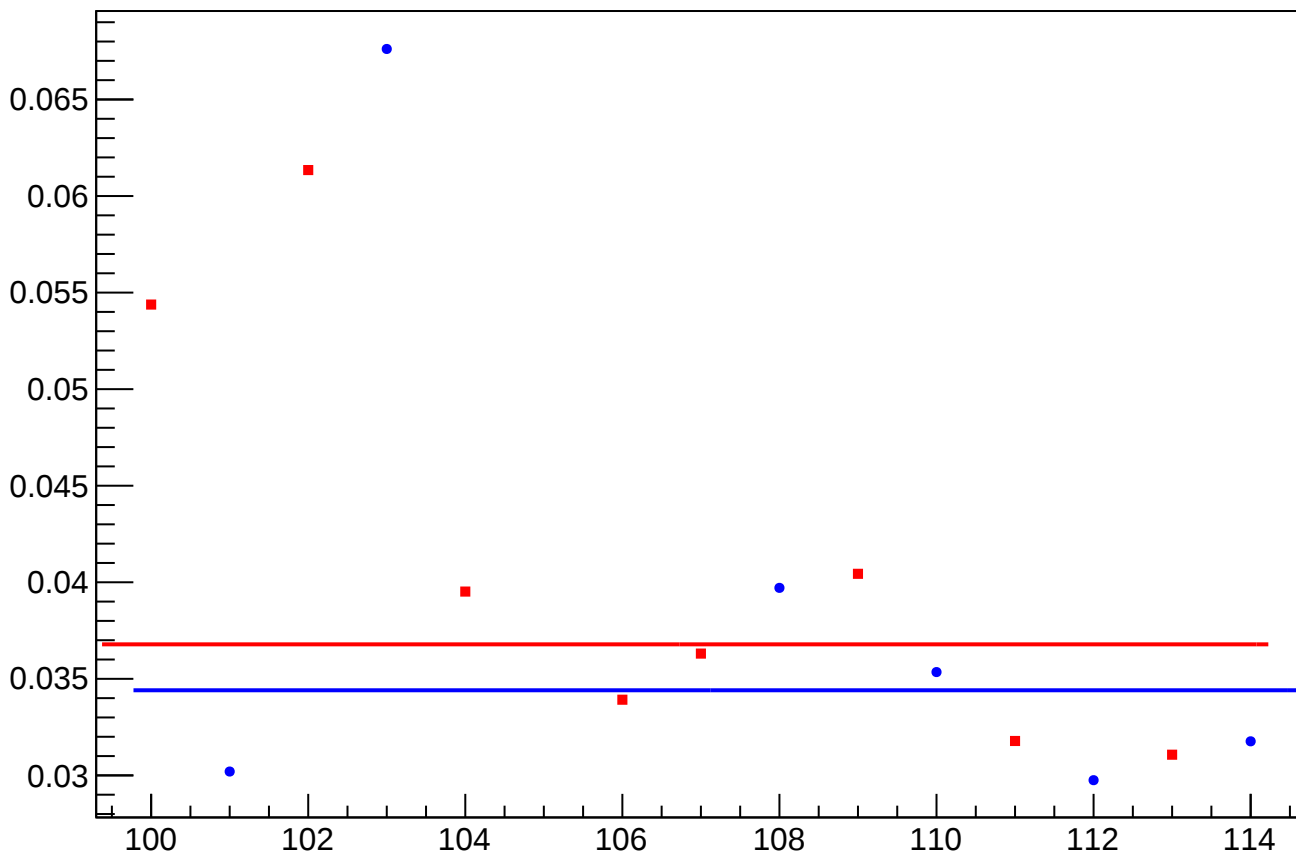
Right: -0.892+/-0.000 χ^2/NDF : 118917680.2/13

In: -0.845+/-0.000 χ^2/NDF : 5880854.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.892+/-0.000 χ^2/NDF : 118917680.2/13

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.034+/-0.000 χ^2/NDF : 301556.1/5

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

Right Out: 0.037+/-0.000 χ^2/NDF : 228153.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

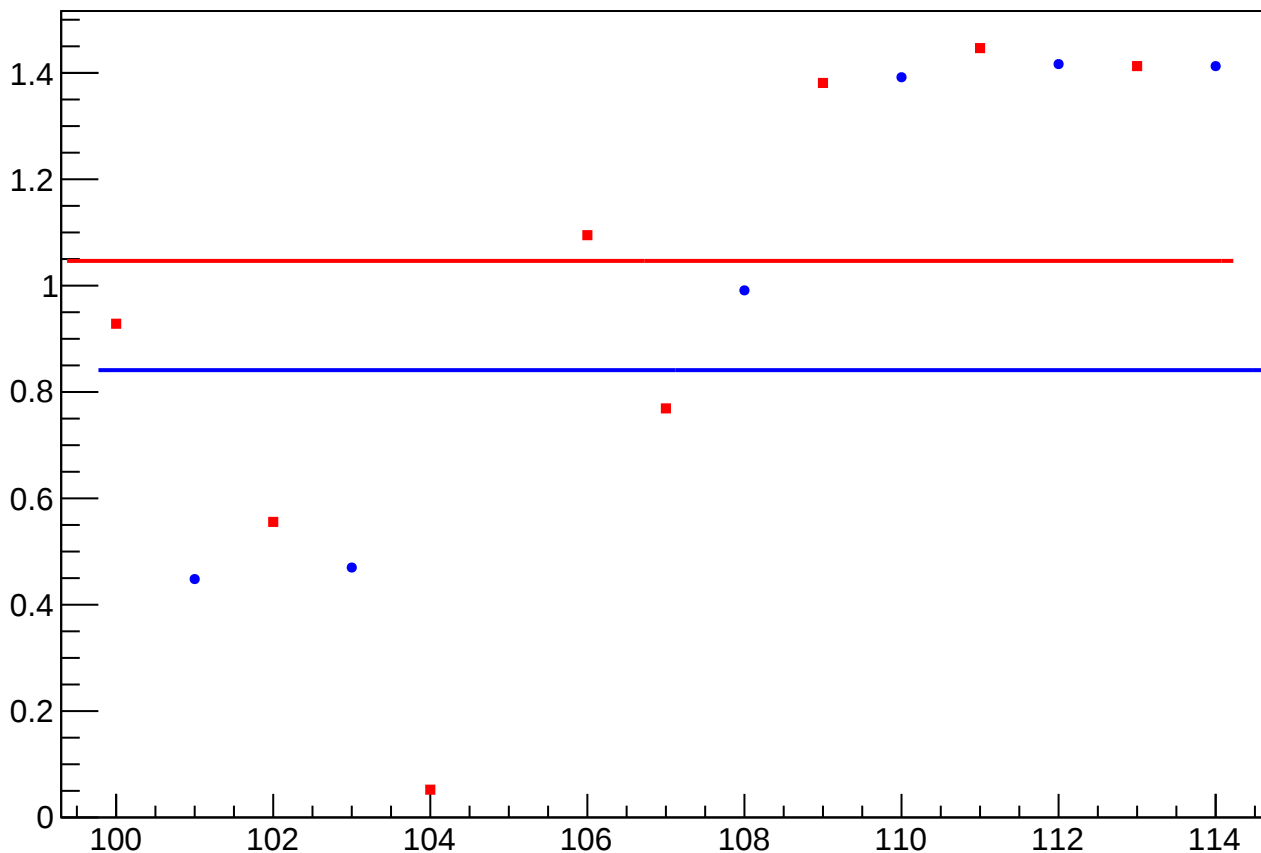
Right: 0.036+/-0.000 χ^2/NDF : 539937.5/13

In: 0.034+/-0.000 χ^2/NDF : 301556.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.036+/-0.000 χ^2/NDF : 539937.5/13

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.841+/-0.000 χ^2/NDF : 2573443470.1/5

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

Right Out: 1.047+/-0.000 χ^2/NDF : 5714539285.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

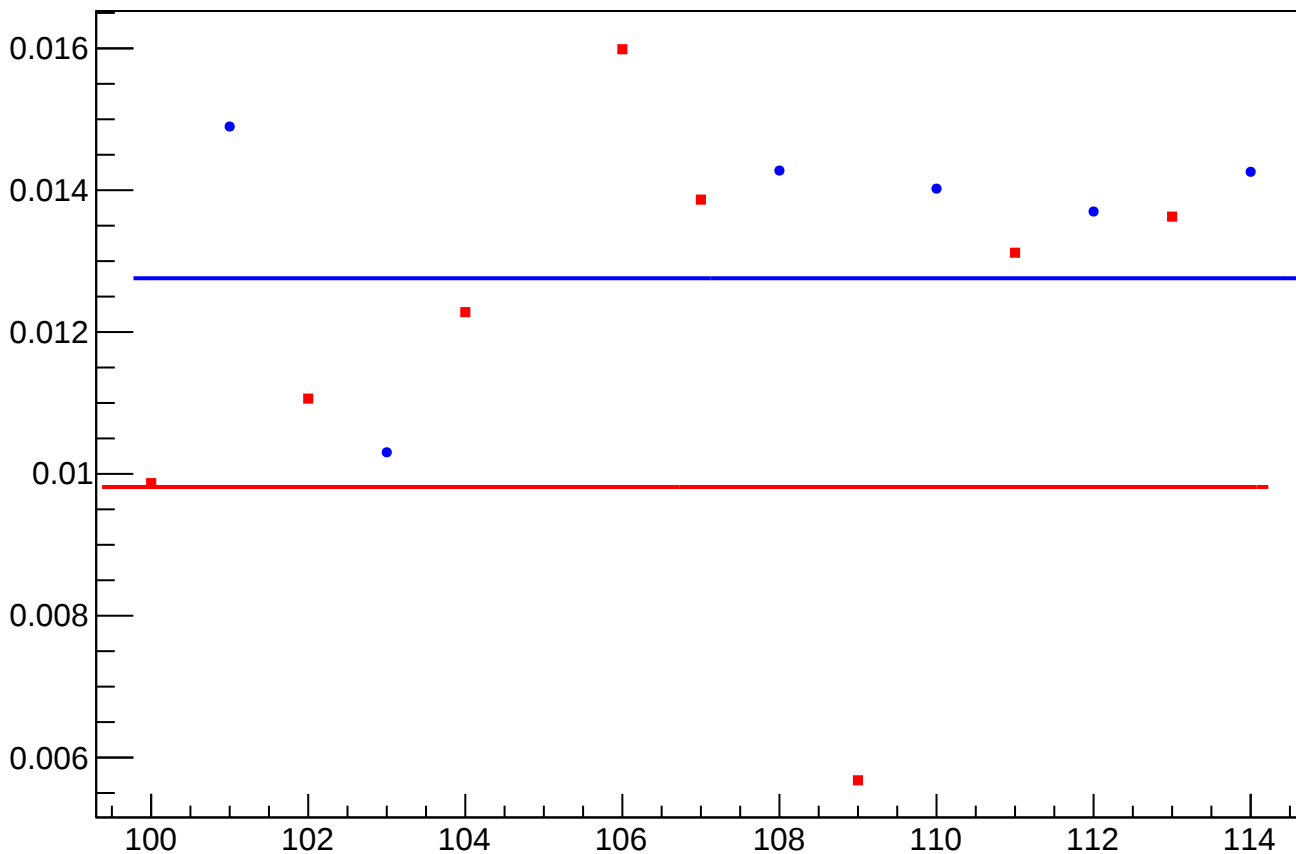
Right: 0.974+/-0.000 χ^2/NDF : 8650261204.3/13

In: 0.841+/-0.000 χ^2/NDF : 2573443470.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.974+/-0.000 χ^2/NDF : 8650261204.3/13

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 99780.9/5

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

Right Out: 0.010+/-0.000 χ^2/NDF : 627002.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

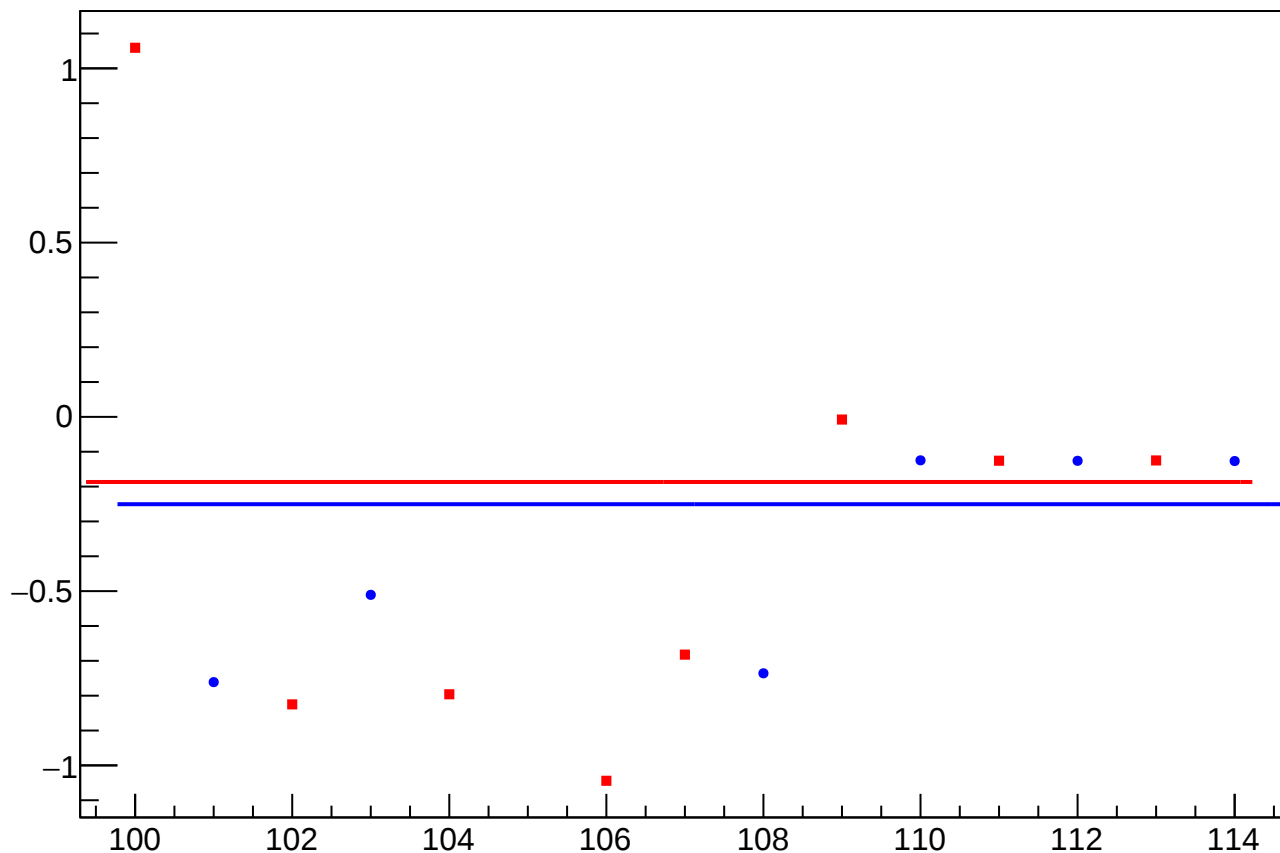
Right: 0.011+/-0.000 χ^2/NDF : 875558.2/13

In: 0.013+/-0.000 χ^2/NDF : 99780.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 875558.2/13

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.251+/-0.000 χ^2/NDF : 307373991.4/5

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

Right Out: -0.187+/-0.000 χ^2/NDF : 408671739.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

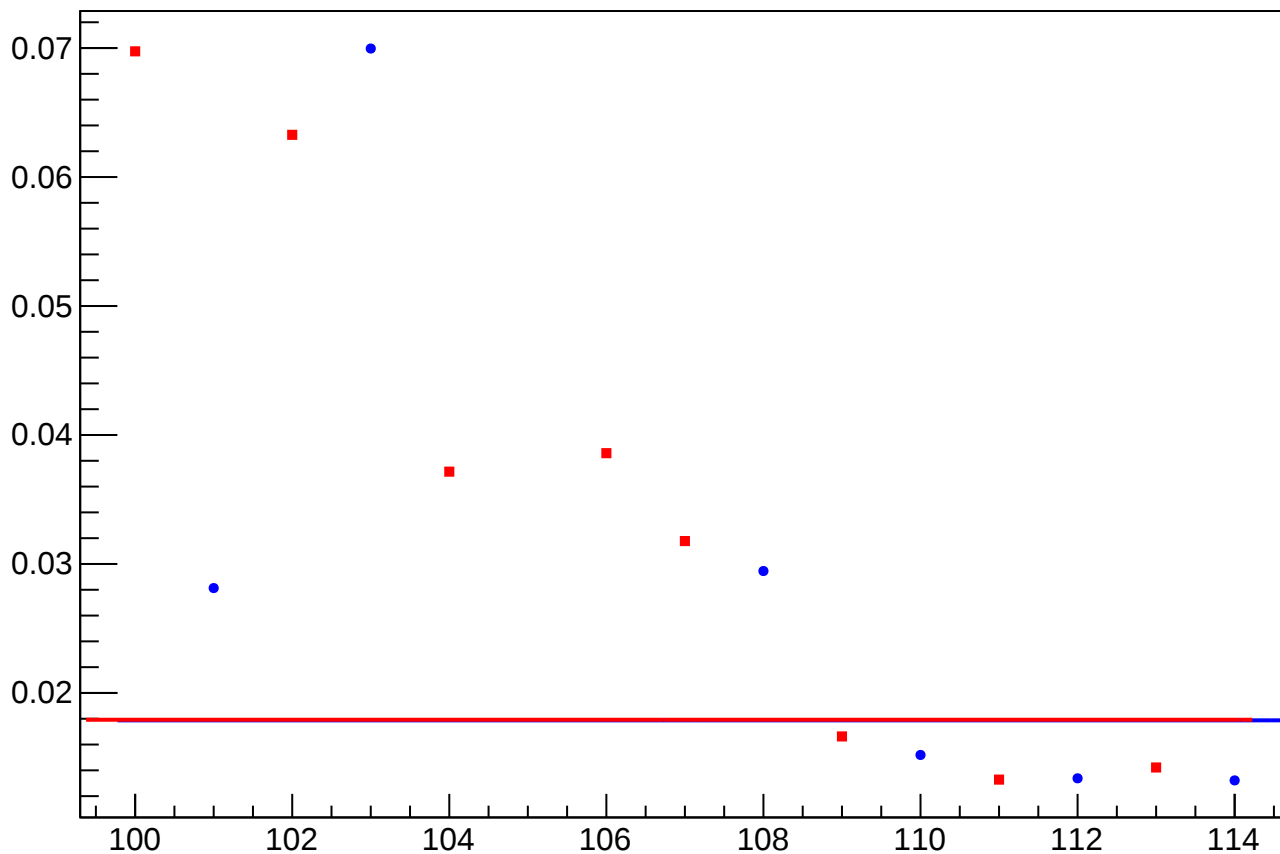
Right: -0.216+/-0.000 χ^2/NDF : 727351924.8/13

In: -0.251+/-0.000 χ^2/NDF : 307373991.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.216+/-0.000 χ^2/NDF : 727351924.8/13

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 954461.5/5

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

Right Out: 0.018+/-0.000 χ^2/NDF : 1145188.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

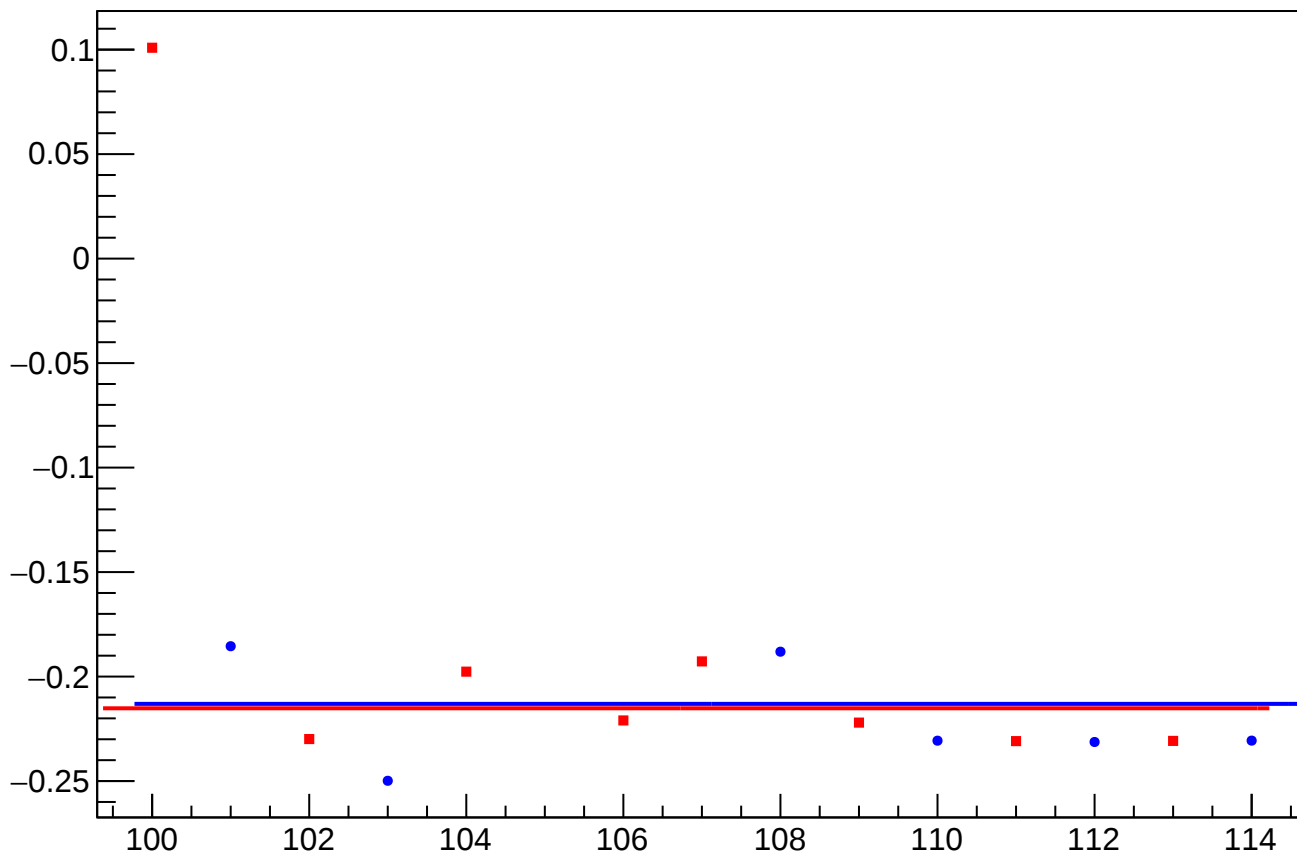
Right: 0.018+/-0.000 χ^2/NDF : 2099661.9/13

In: 0.018+/-0.000 χ^2/NDF : 954461.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.000 χ^2/NDF : 2099661.9/13

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.213+/-0.000 χ^2/NDF : 57186749.2/5

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

Right Out: -0.215+/-0.000 χ^2/NDF : 154318779.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

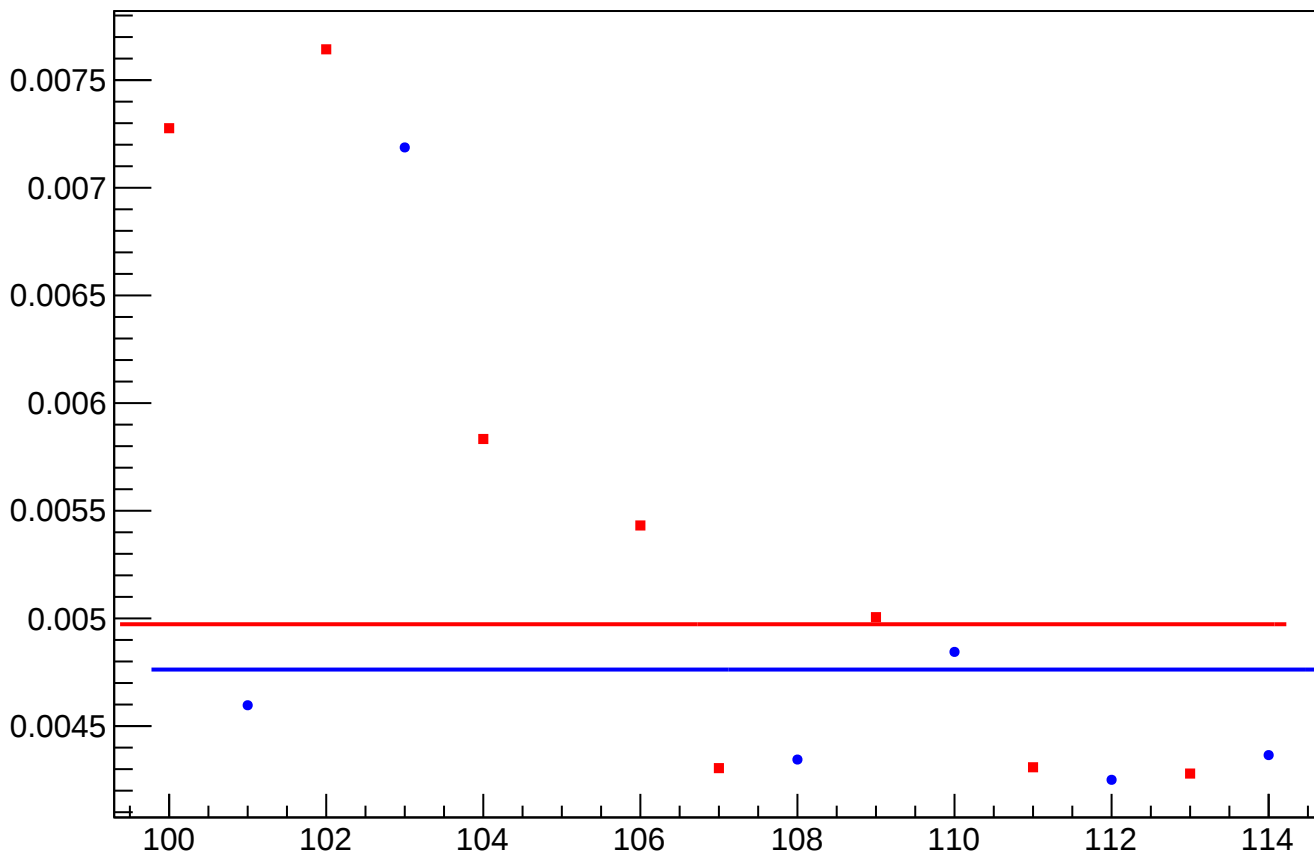
Right: -0.214+/-0.000 χ^2/NDF : 211733969.2/13

In: -0.213+/-0.000 χ^2/NDF : 57186749.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.214+/-0.000 χ^2/NDF : 211733969.2/13

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 142016.6/5

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

Right Out: 0.005+/-0.000 χ^2/NDF : 215356.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

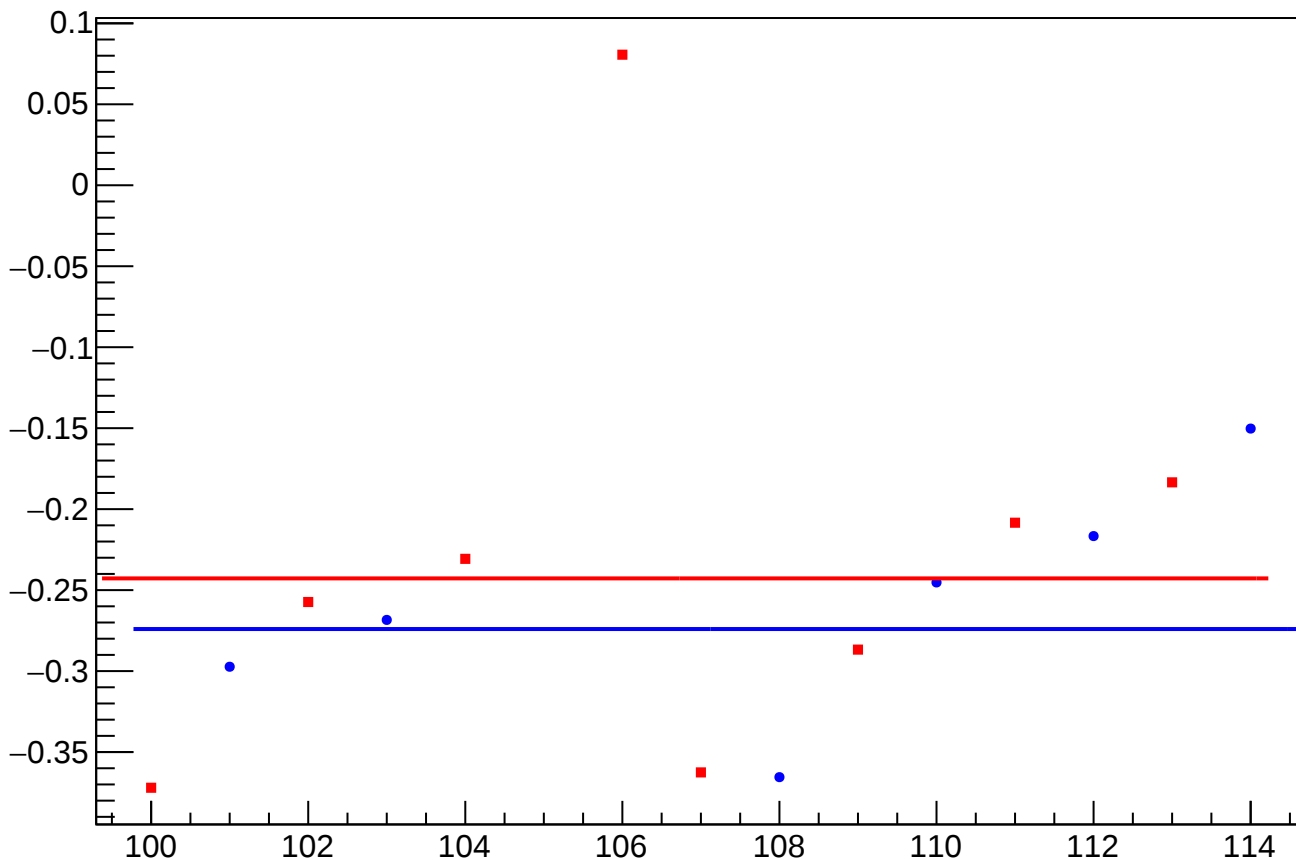
Right: 0.005+/-0.000 χ^2/NDF : 361880.1/13

In: 0.005+/-0.000 χ^2/NDF :142016.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 361880.1/13

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.274+/-0.000 χ^2/NDF : 169829308.4/5

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

Right Out: -0.243+/-0.000 χ^2/NDF : 566369977.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

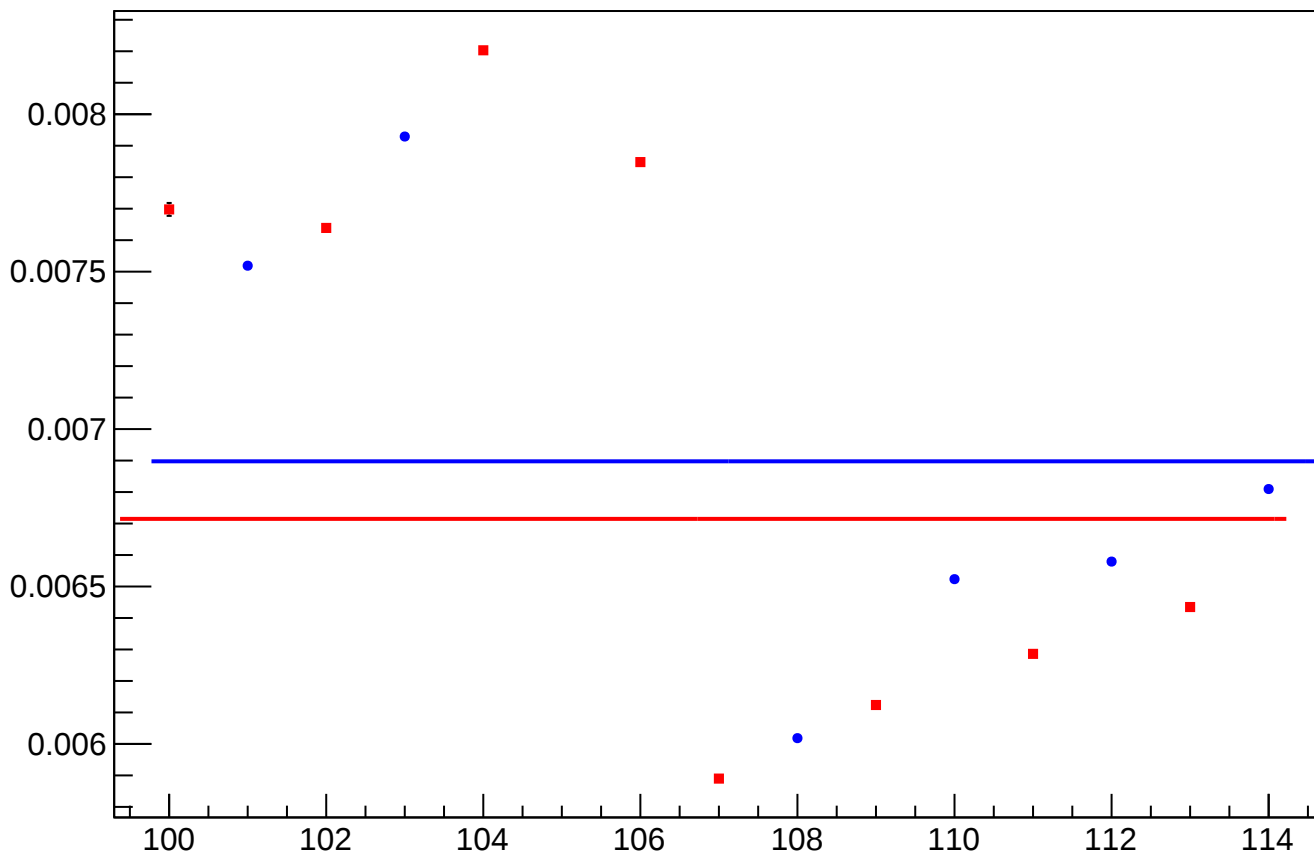
Right: -0.256+/-0.000 χ^2/NDF : 764152731.0/13

In: -0.274+/-0.000 χ^2/NDF :169829308.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.256+/-0.000 χ^2/NDF : 764152731.0/13

yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 47448.7/5

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

Right Out: 0.007+/-0.000 χ^2/NDF : 86607.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

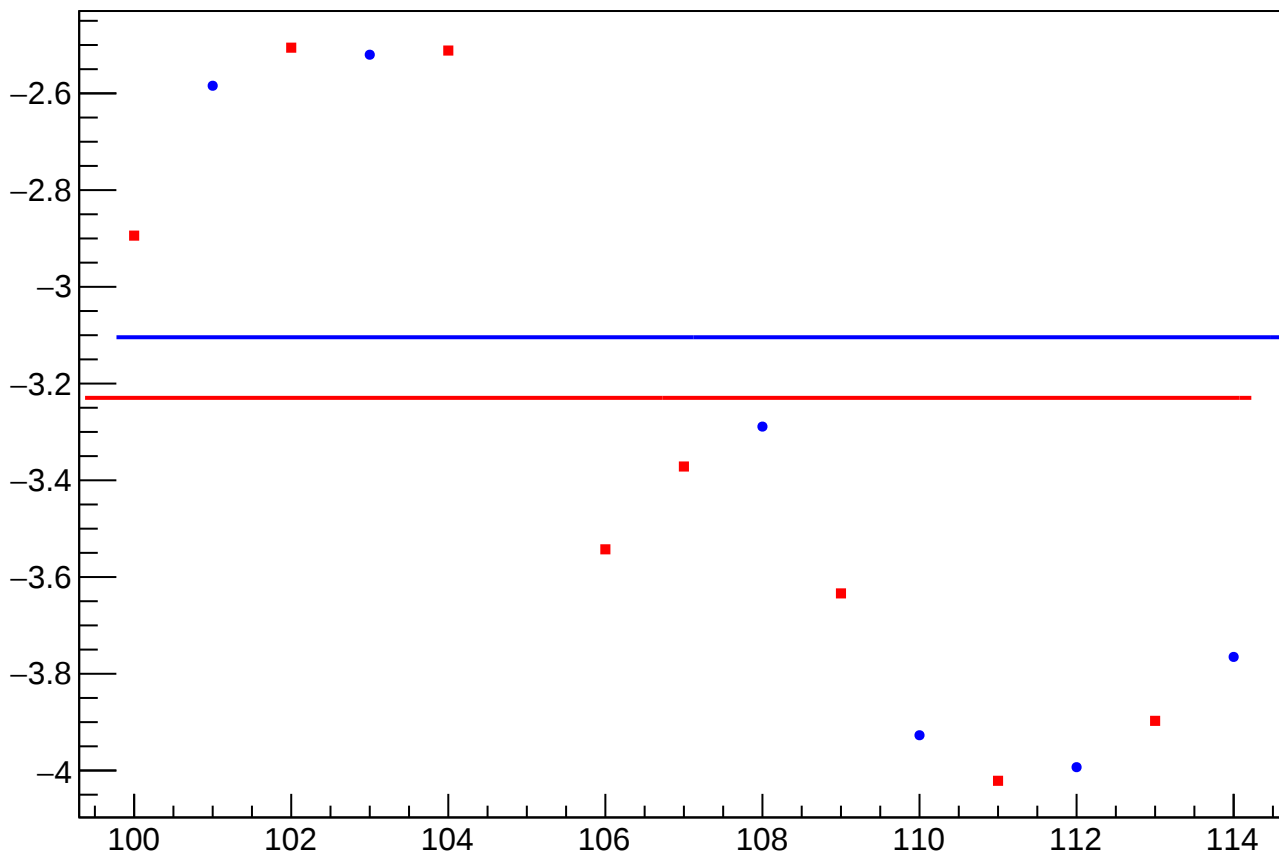
Right: 0.007+/-0.000 χ^2/NDF : 135967.4/13

In: 0.007+/-0.000 χ^2/NDF :47448.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 135967.4/13

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.104+/-0.000 χ^2/NDF : 16233725994.5/5

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

Right Out: -3.230+/-0.000 χ^2/NDF : 18147322357.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

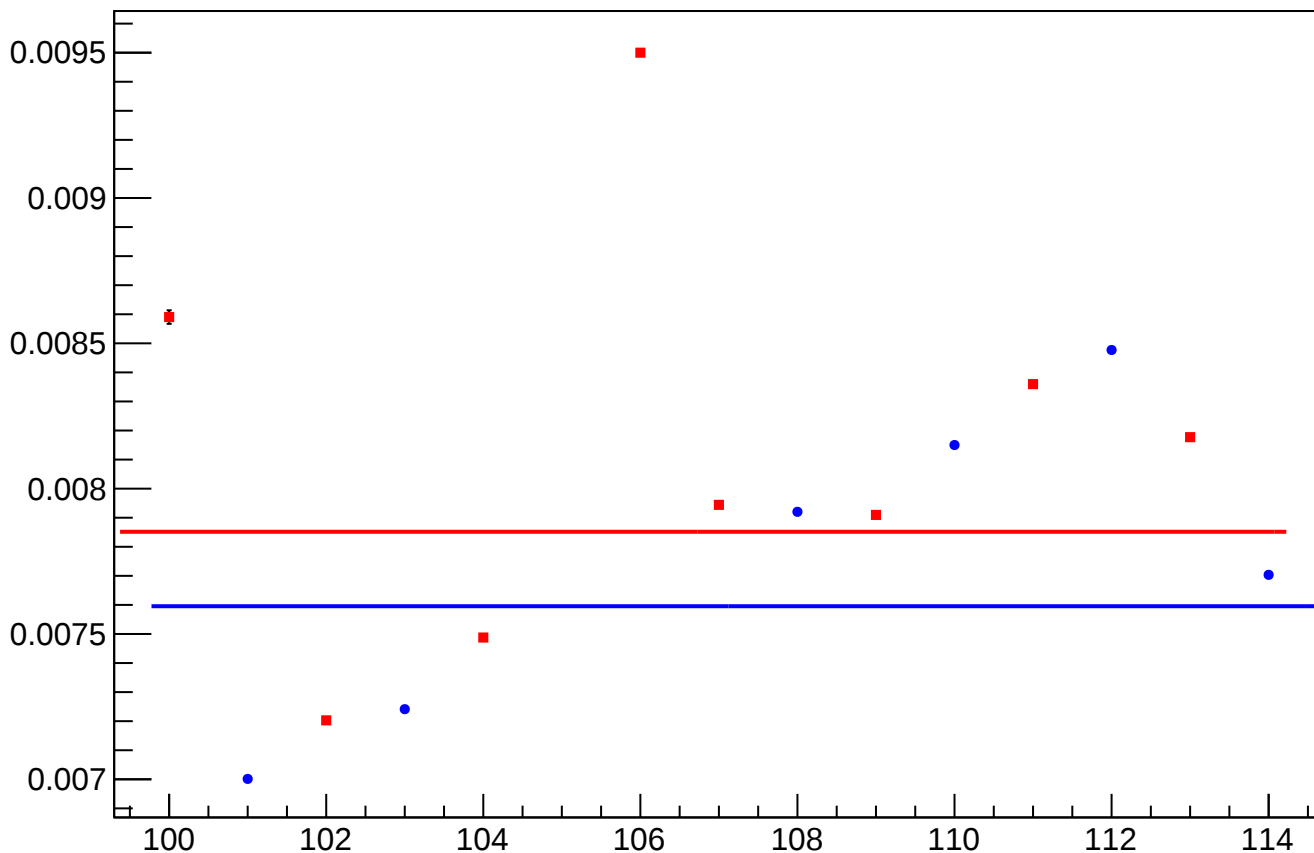
Right: -3.171+/-0.000 χ^2/NDF : 34727434217.4/13

In: -3.104+/-0.000 χ^2/NDF :16233725994.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.171+/-0.000 χ^2/NDF : 34727434217.4/13

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 25263.8/5

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

Right Out: 0.008+/-0.000 χ^2/NDF : 25541.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

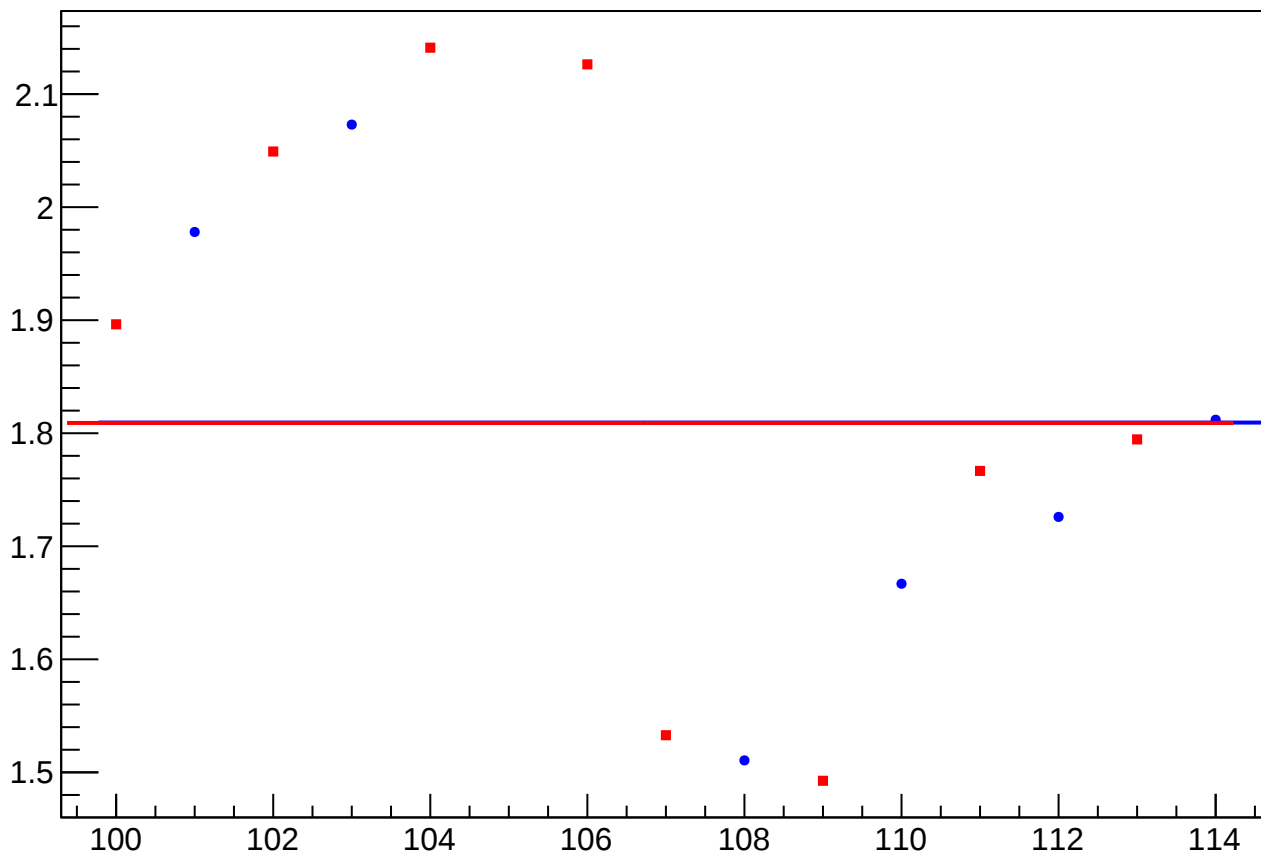
Right: 0.008+/-0.000 χ^2/NDF : 53700.0/13

In: 0.008+/-0.000 χ^2/NDF : 25263.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 53700.0/13

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.809+/-0.000 χ^2/NDF : 631033375.5/5

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

Right Out: 1.809+/-0.000 χ^2/NDF : 1138569721.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

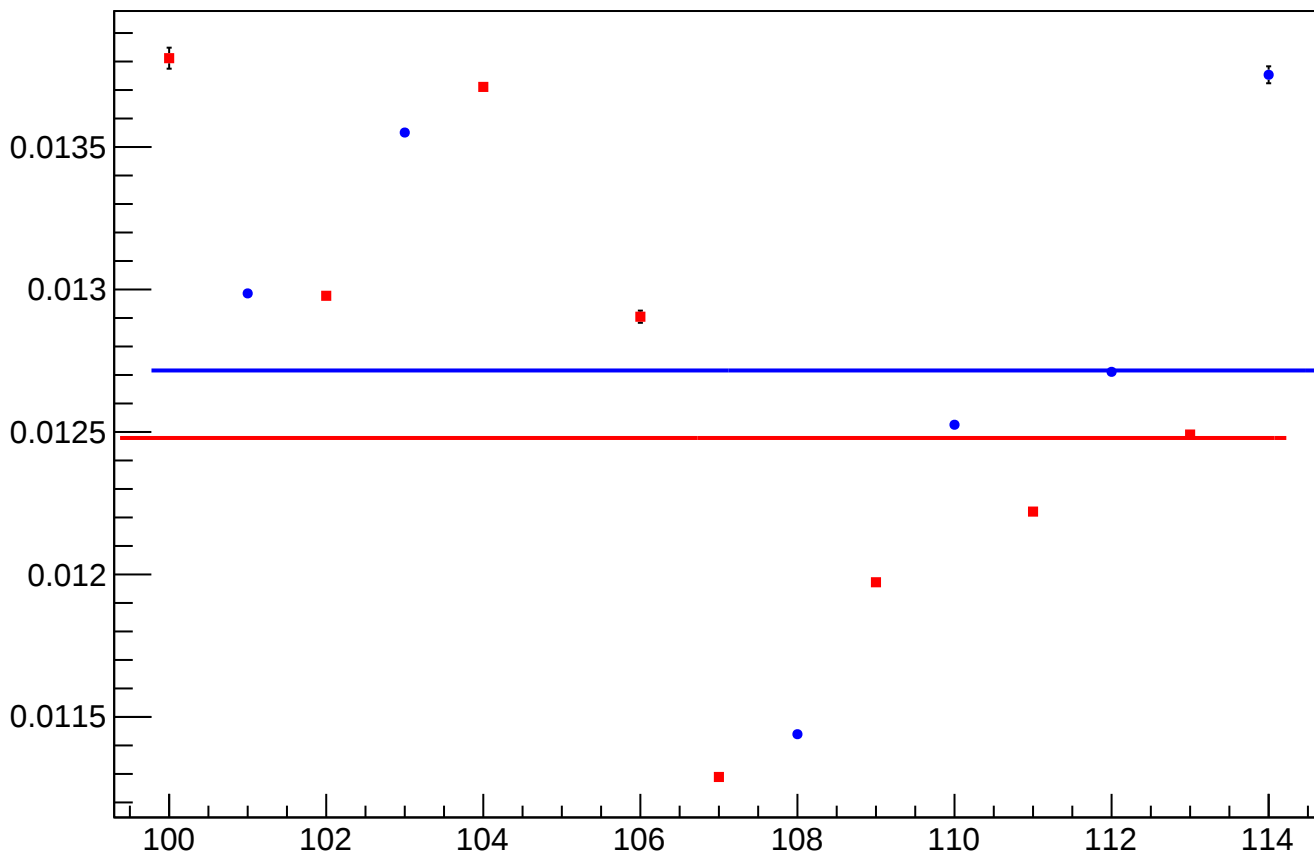
Right: 1.809+/-0.000 χ^2/NDF : 1769604031.4/13

In: 1.809+/-0.000 χ^2/NDF : 631033375.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.809+/-0.000 χ^2/NDF : 1769604031.4/13

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 15541.7/5

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

Right Out: 0.012+/-0.000 χ^2/NDF : 21110.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

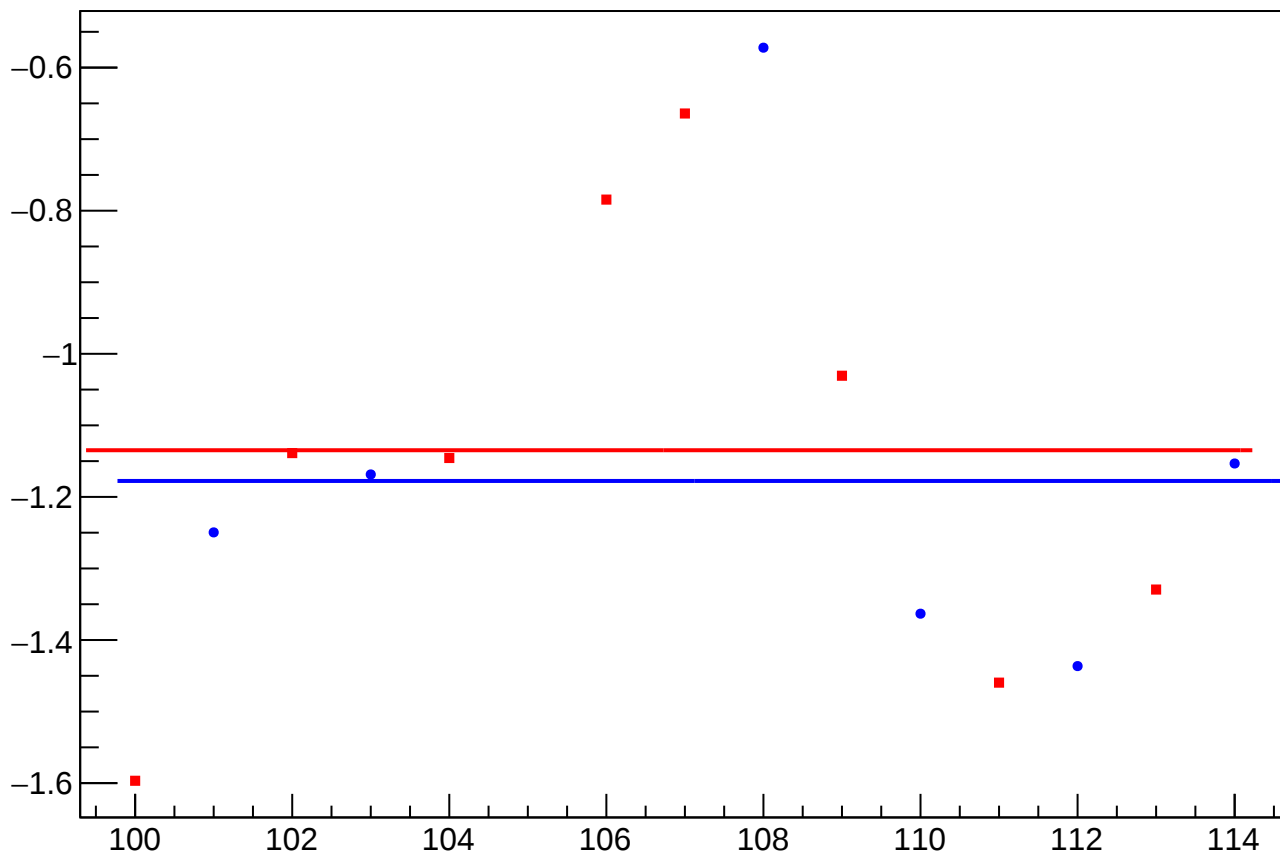
Right: 0.013+/-0.000 χ^2/NDF : 37591.5/13

In: 0.013+/-0.000 χ^2/NDF : 15541.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 37591.5/13

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.178+/-0.000 χ^2/NDF : 1991578936.9/5

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

Right Out: -1.135+/-0.000 χ^2/NDF : 1827201130.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

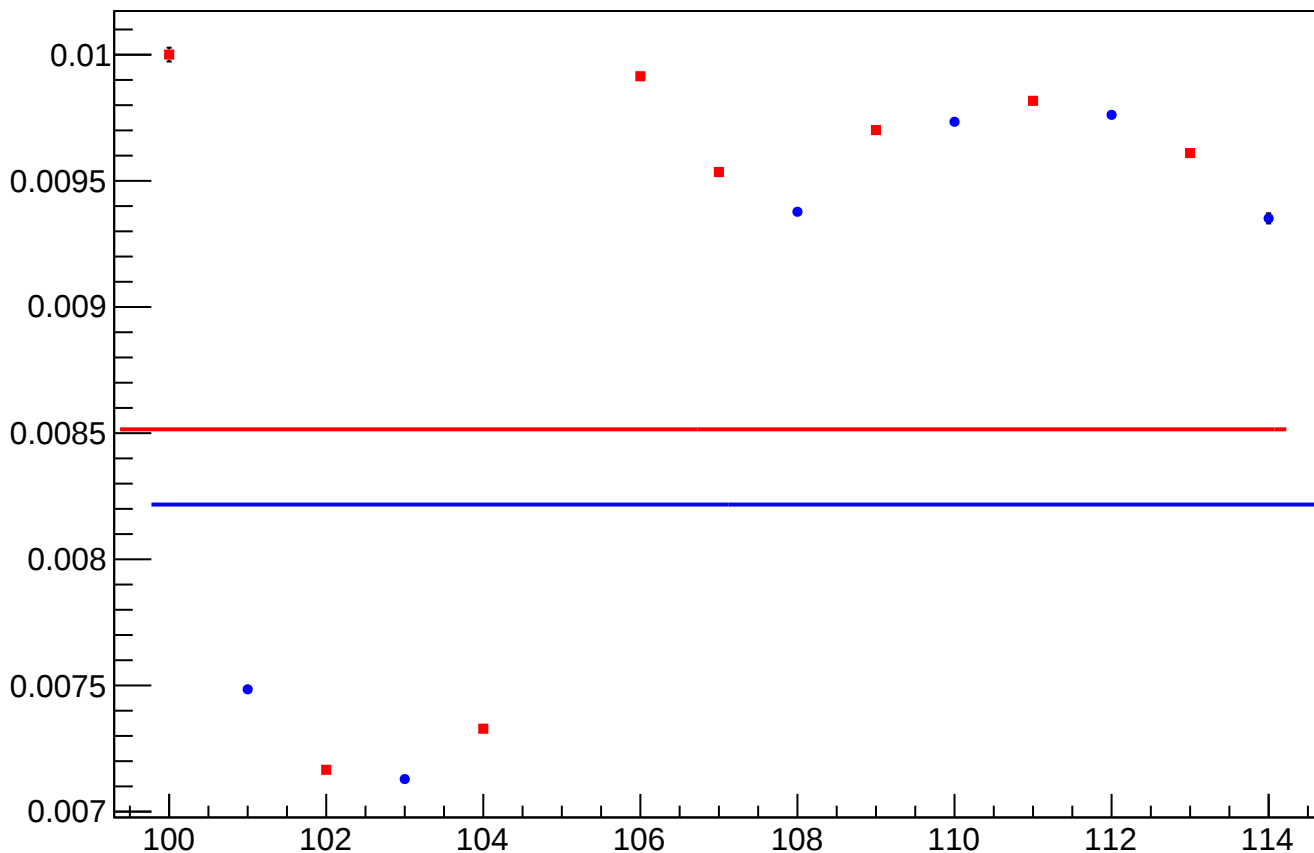
Right: -1.155+/-0.000 χ^2/NDF : 3852278711.3/13

In: -1.178+/-0.000 χ^2/NDF :1991578936.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.155+/-0.000 χ^2/NDF : 3852278711.3/1

yield_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 89023.5/5

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

Right Out: 0.009+/-0.000 χ^2/NDF : 118021.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

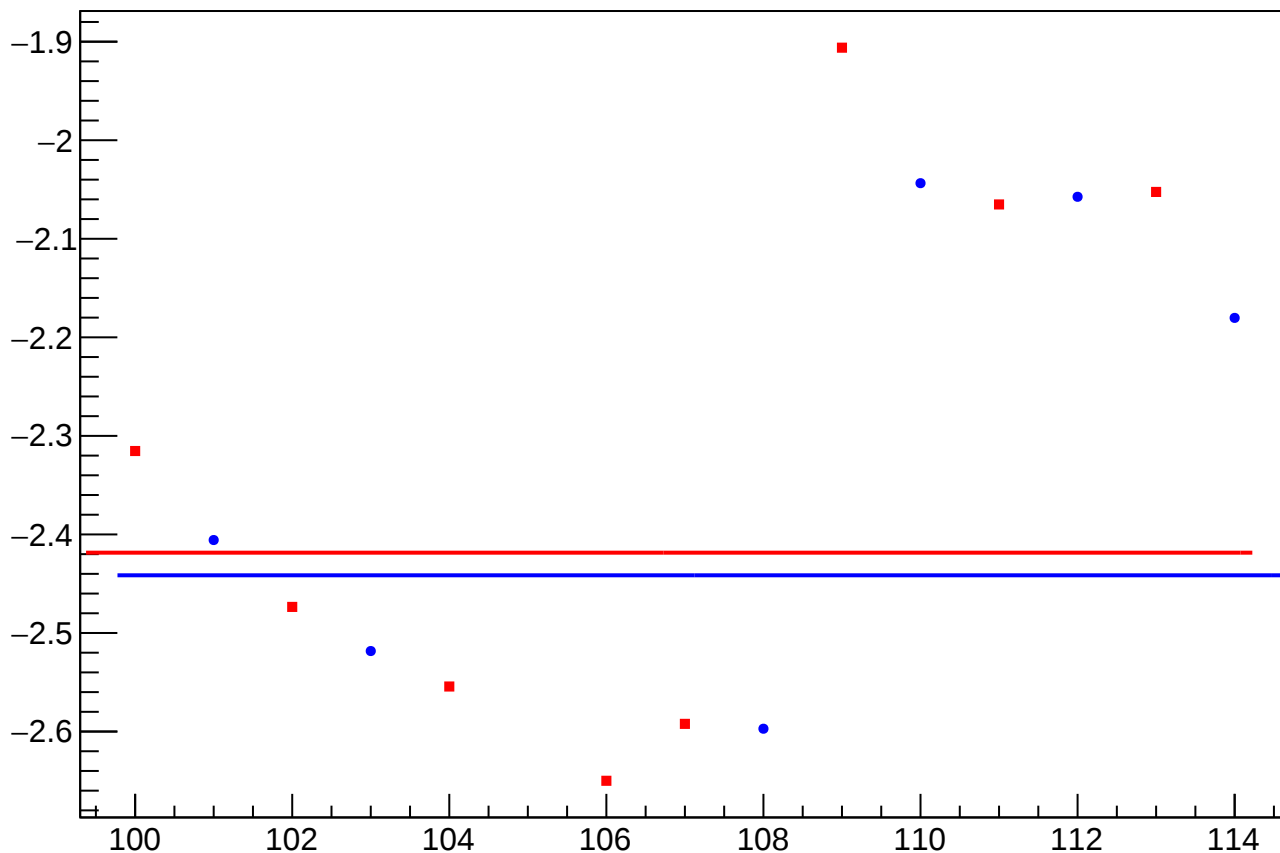
Right: 0.008+/-0.000 χ^2/NDF : 210274.9/13

In: 0.008+/-0.000 χ^2/NDF : 89023.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 210274.9/13

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.441+/-0.000 χ^2/NDF : 1006663540.4/5

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

Right Out: -2.419+/-0.000 χ^2/NDF : 2938768536.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

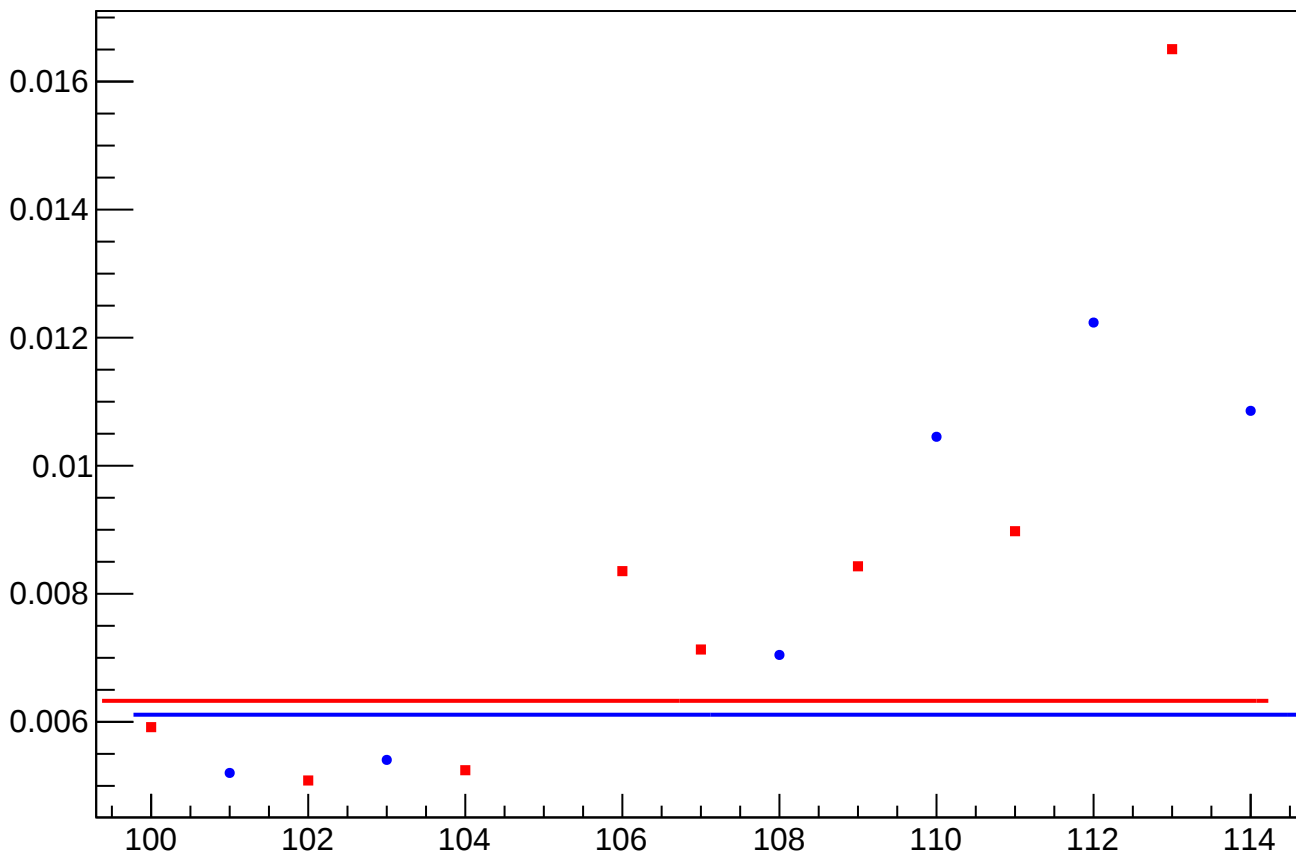
Right: -2.429+/-0.000 χ^2/NDF : 3960158739.1/13

In: -2.441+/-0.000 χ^2/NDF :1006663540.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.429+/-0.000 χ^2/NDF : 3960158739.1/13

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 332824.0/5

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

Right Out: 0.006+/-0.000 χ^2/NDF : 442256.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

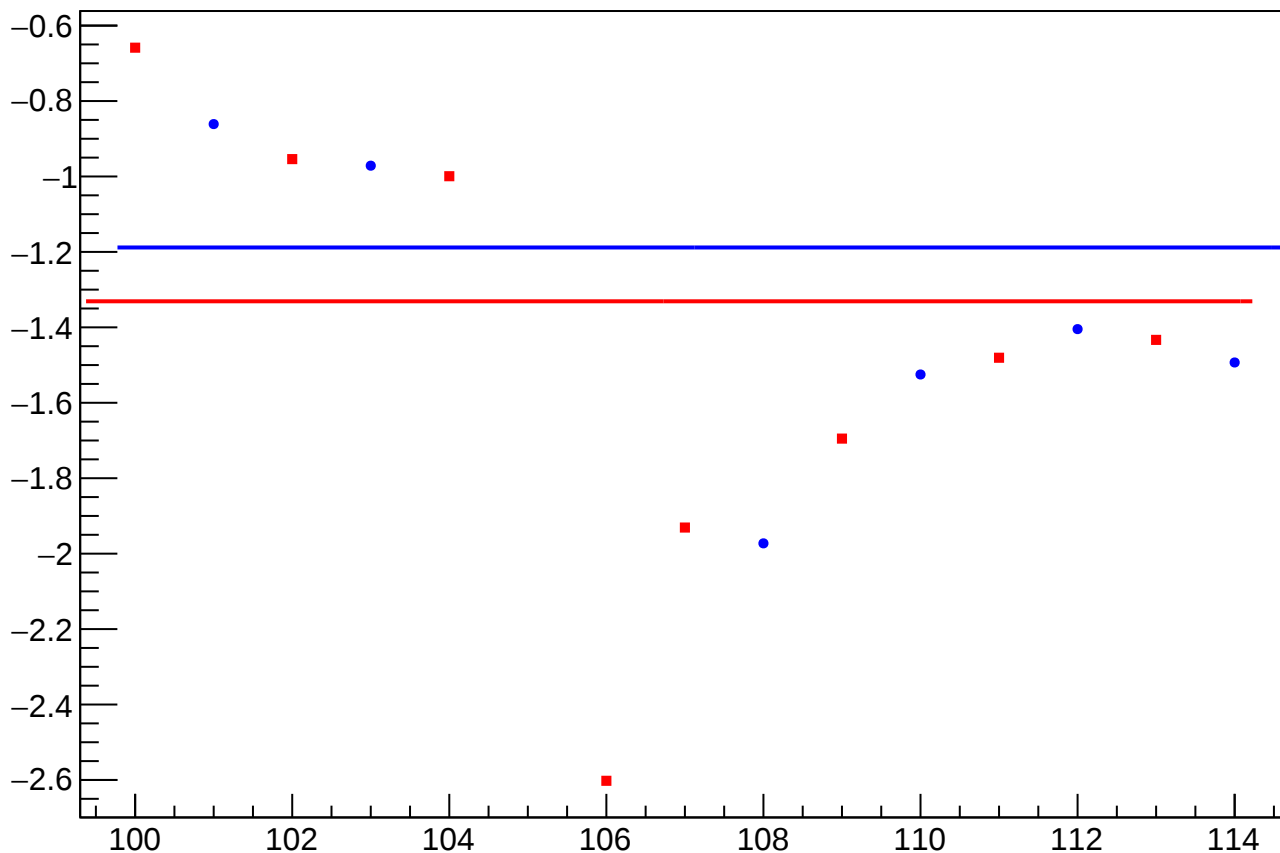
Right: 0.006+/-0.000 χ^2/NDF : 777708.4/13

In: 0.006+/-0.000 χ^2/NDF : 332824.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 777708.4/13

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.188+/-0.000 χ^2/NDF : 9809328221.2/5

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

Right Out: -1.331+/-0.000 χ^2/NDF : 17343034412.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

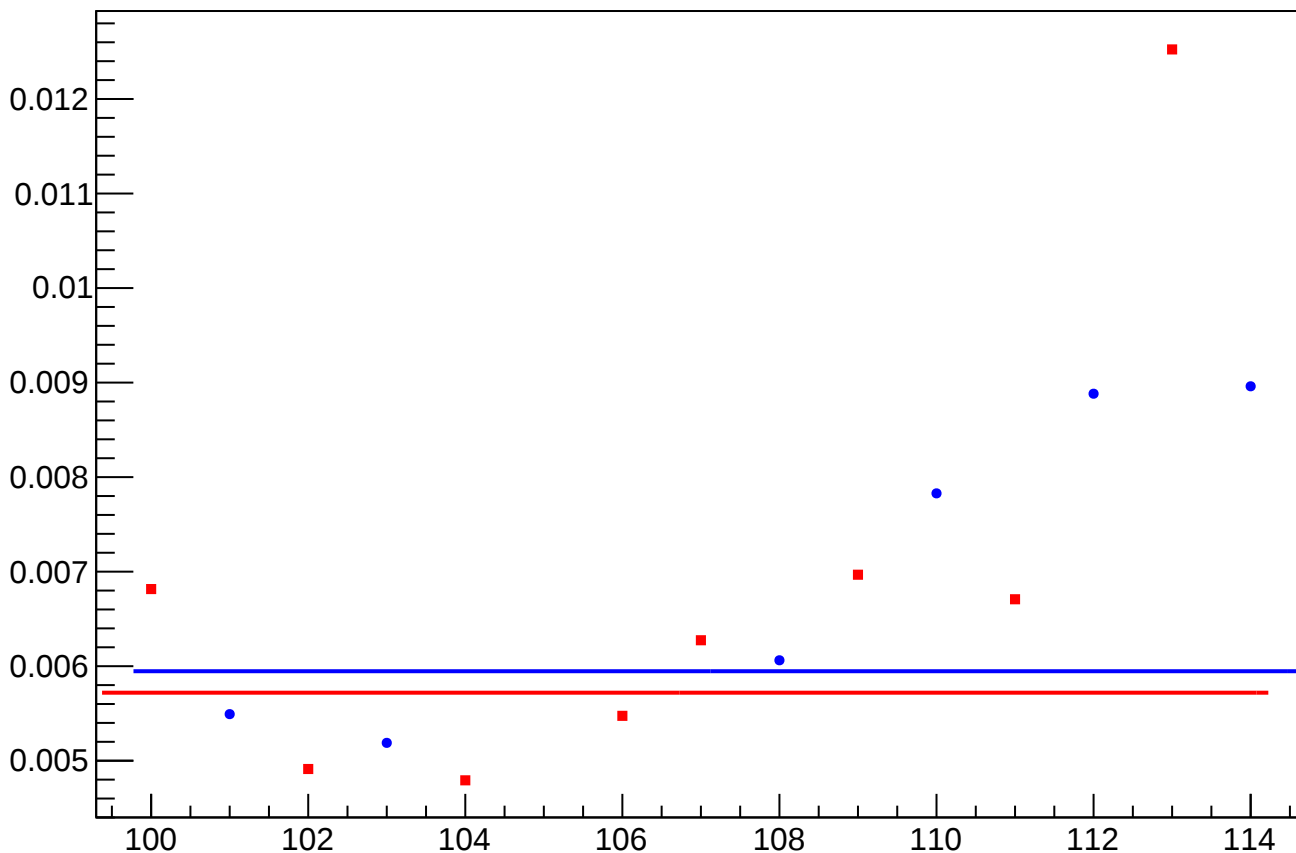
Right: -1.269+/-0.000 χ^2/NDF : 27815878418.1/13

In: -1.188+/-0.000 χ^2/NDF :9809328221.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.269+/-0.000 χ^2/NDF : 27815878418.1/13

yield_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 147706.1/5

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

Right Out: 0.006+/-0.000 χ^2/NDF : 251130.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

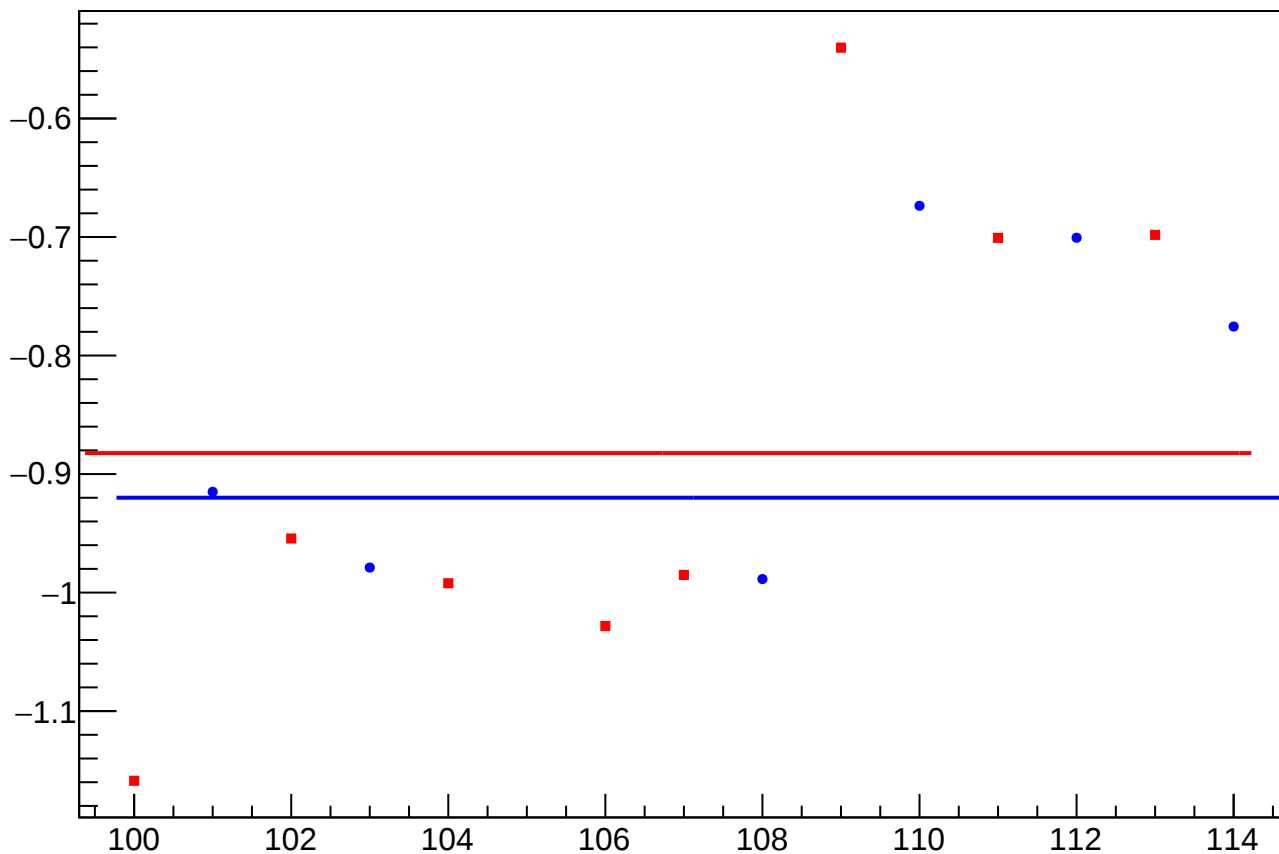
Right: 0.006+/-0.000 χ^2/NDF : 402199.2/13

In: 0.006+/-0.000 χ^2/NDF : 147706.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 402199.2/13

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.920+/-0.000 χ^2/NDF : 771600074.9/5

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

Right Out: -0.882+/-0.000 χ^2/NDF : 3245473771.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

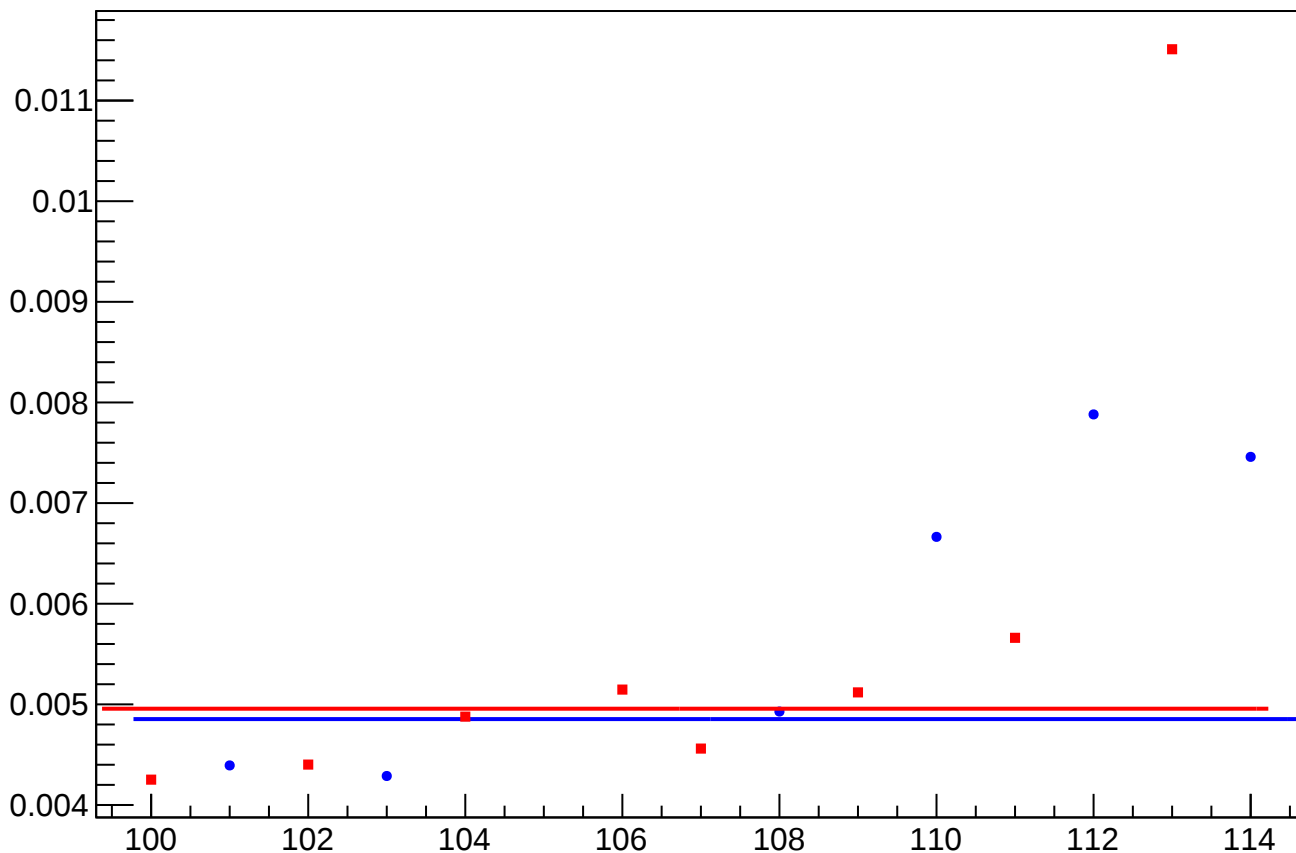
Right: -0.899+/-0.000 χ^2/NDF : 4083972485.8/13

In: -0.920+/-0.000 χ^2/NDF :771600074.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.899+/-0.000 χ^2/NDF : 4083972485.8/1

yield_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 179518.5/5

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

Right Out: 0.005+/-0.000 χ^2/NDF : 215852.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

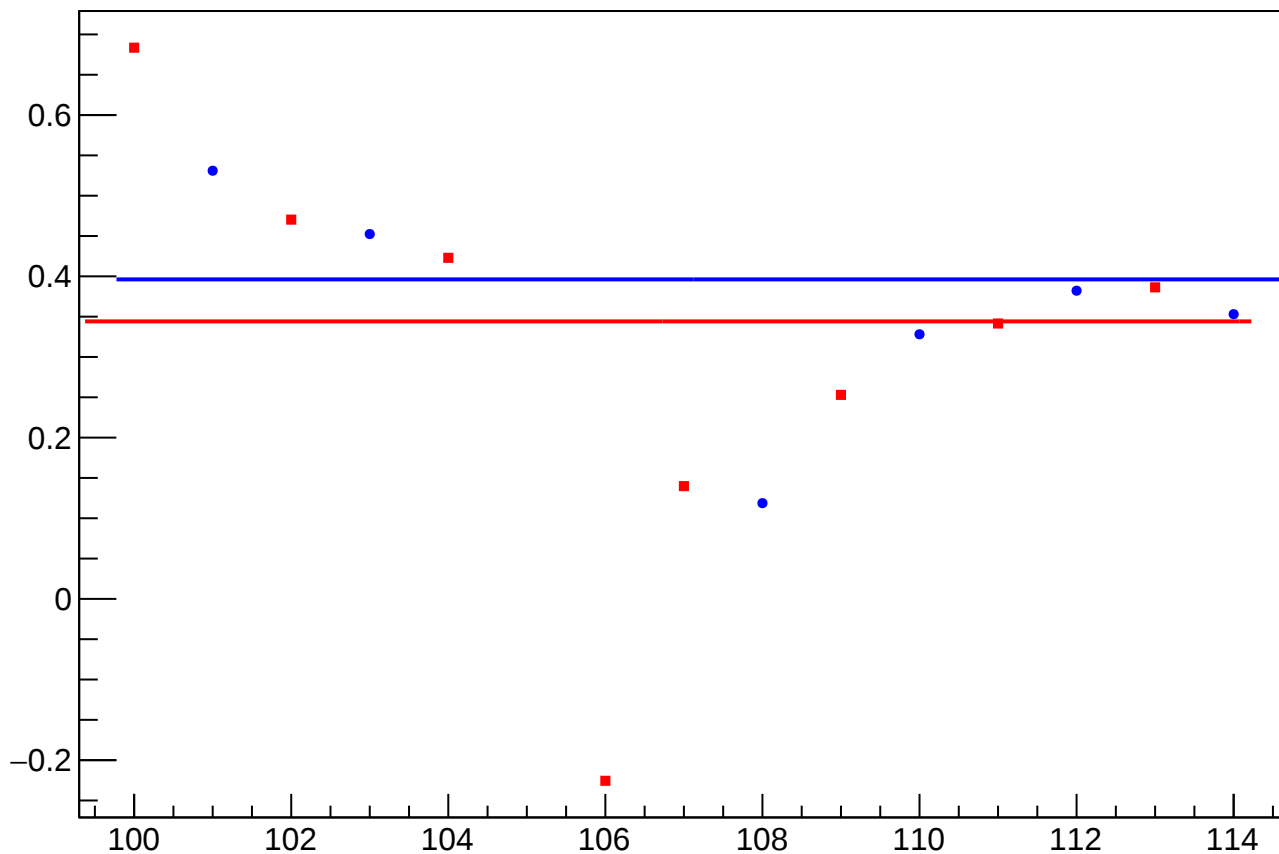
Right: 0.005+/-0.000 χ^2/NDF : 396375.9/13

In: 0.005+/-0.000 χ^2/NDF : 179518.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 396375.9/13

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.396+/-0.000

χ^2/NDF : 2872176241.5/5

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.367+/-0.000 χ^2/NDF : 7924998181.3/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.396+/-0.000 χ^2/NDF : 2872176241.5/5

Right Out: 0.344+/-0.000

χ^2/NDF : 4844523682.7/7

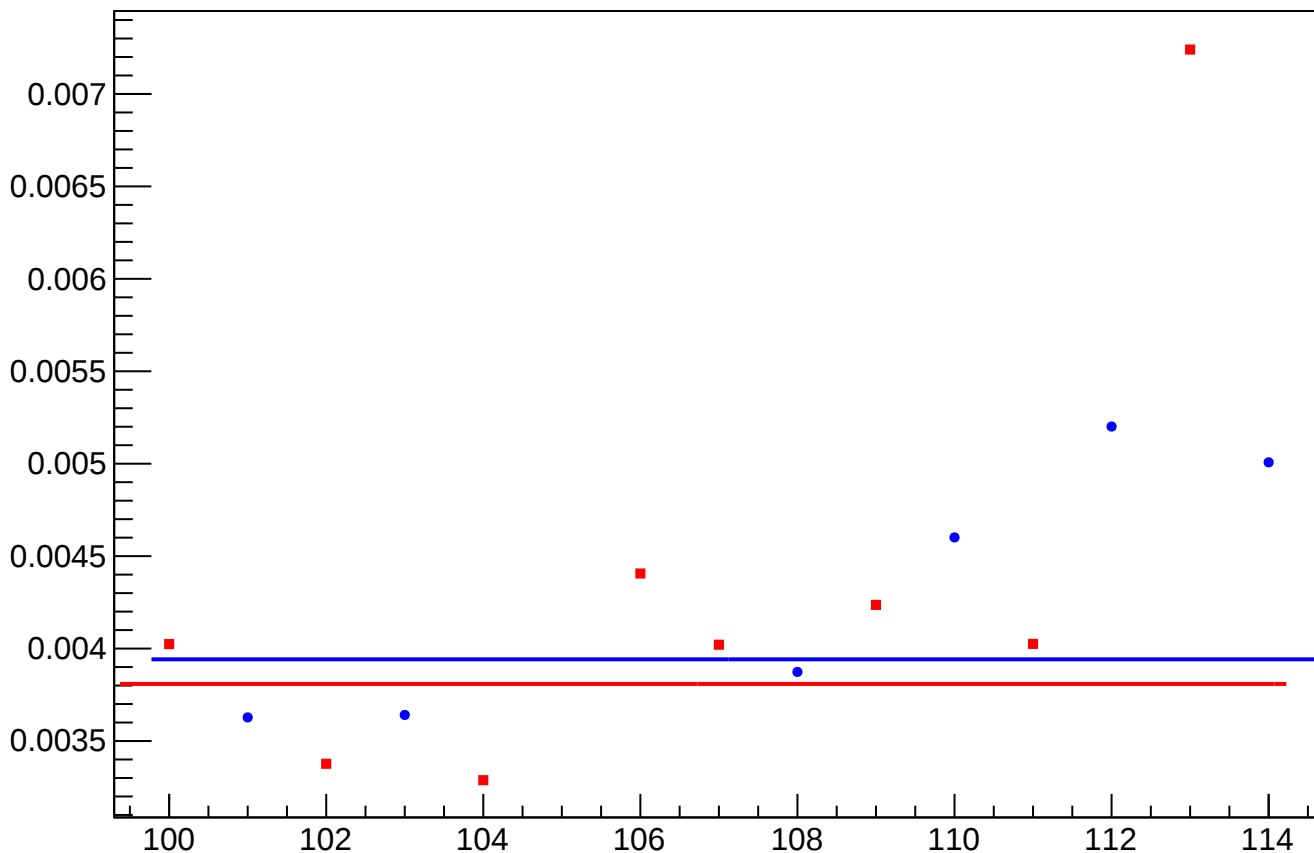
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.367+/-0.000 χ^2/NDF : 7924998181.3/13

yield_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 73591.6/5

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

Right Out: 0.004+/-0.000 χ^2/NDF : 170165.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

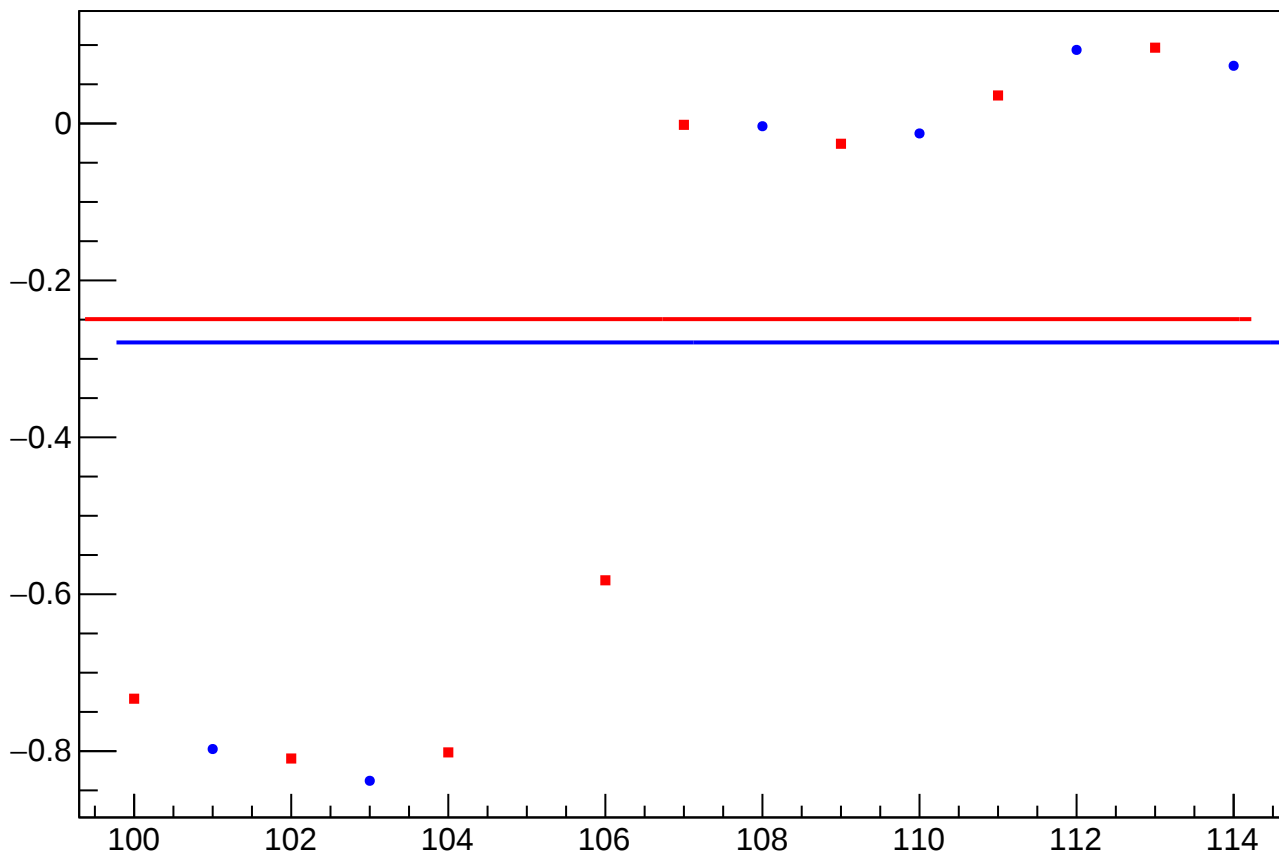
Right: 0.004+/-0.000 χ^2/NDF : 246478.5/13

In: 0.004+/-0.000 χ^2/NDF : 73591.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 246478.5/13

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.279+/-0.000 χ^2/NDF : 3558969711.2/5

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

Right Out: -0.249+/-0.000 χ^2/NDF : 4111659930.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

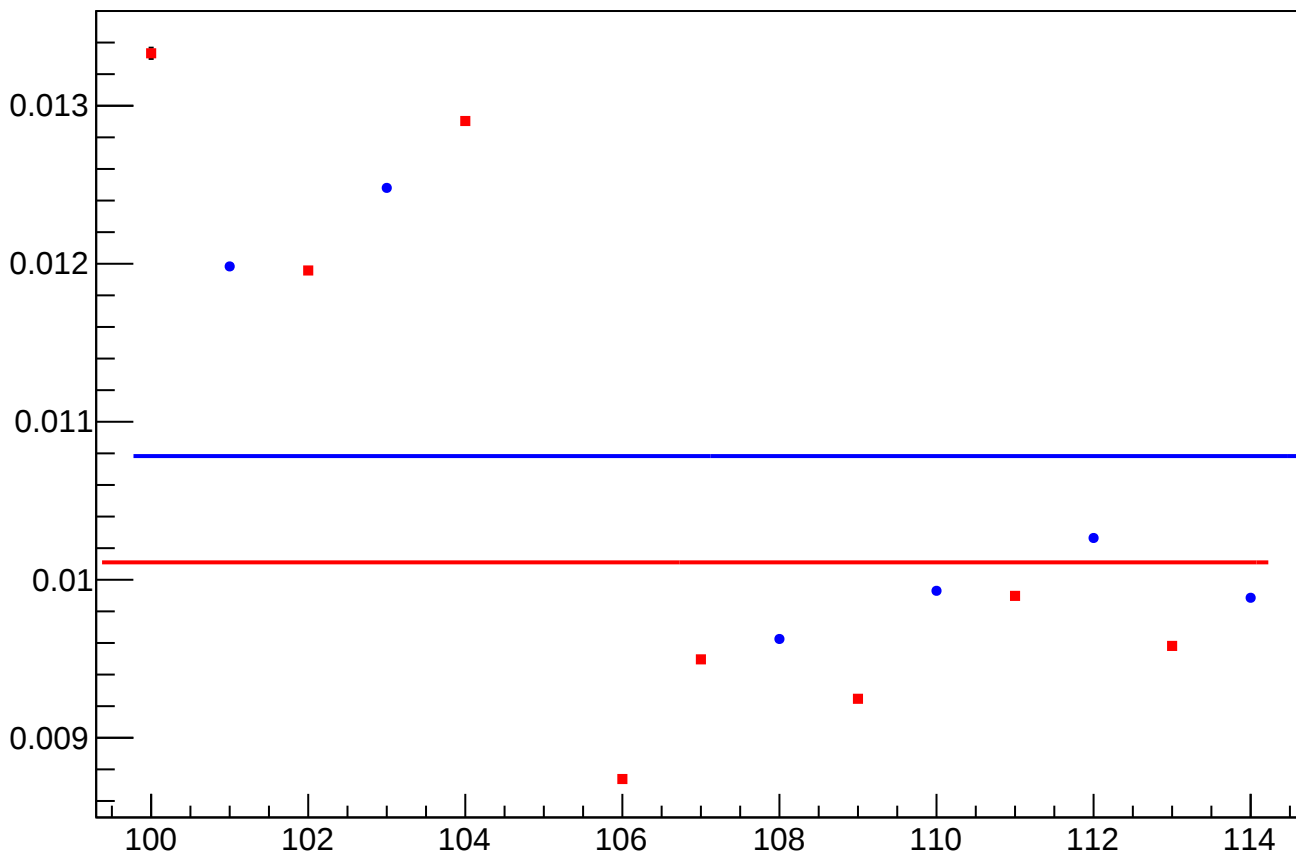
Right: -0.261+/-0.000 χ^2/NDF : 7681567333.7/13

In: -0.279+/-0.000 χ^2/NDF : 3558969711.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.261+/-0.000 χ^2/NDF : 7681567333.7/13

yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 52925.6/5

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

Right Out: 0.010+/-0.000 χ^2/NDF : 110181.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

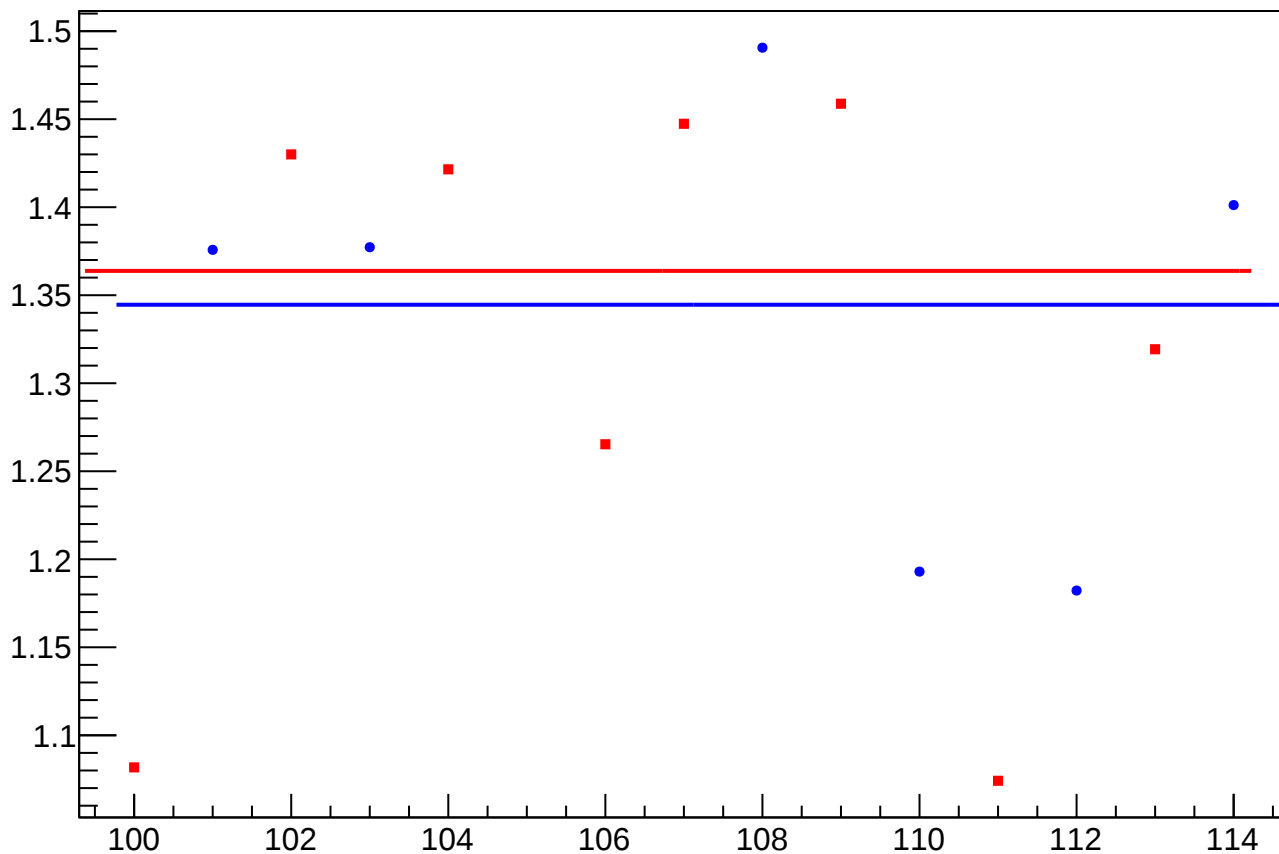
Right: 0.010+/-0.000 χ^2/NDF : 174326.9/13

In: 0.011+/-0.000 χ^2/NDF : 52925.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 174326.9/13

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.345+/-0.000 χ^2/NDF : 522476980.0/5

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

Right Out: 1.364+/-0.000 χ^2/NDF : 980045806.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

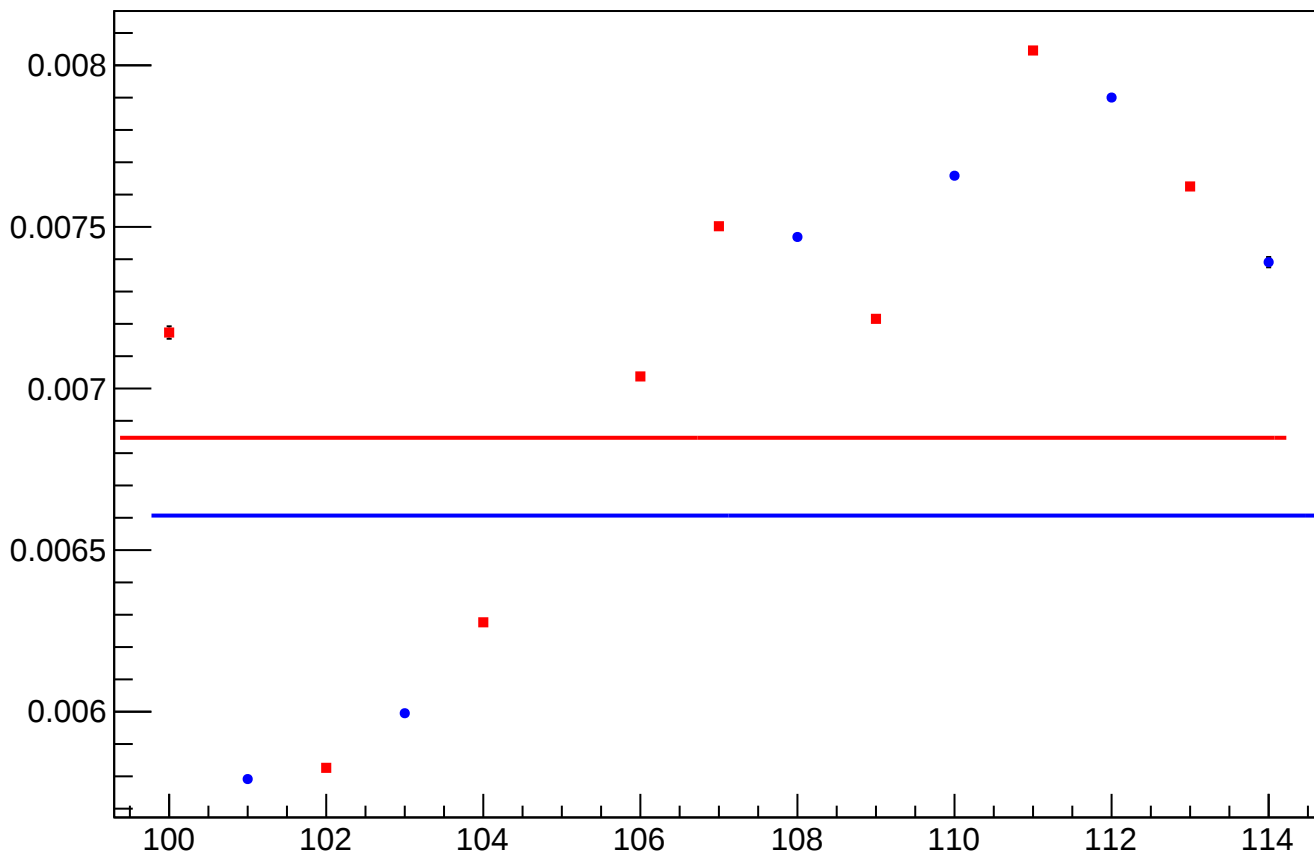
Right: 1.355+/-0.000 χ^2/NDF : 1513638787.5/13

In: 1.345+/-0.000 χ^2/NDF : 522476980.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.355+/-0.000 χ^2/NDF : 1513638787.5/13

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 85772.9/5

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

Right Out: 0.007+/-0.000 χ^2/NDF : 78378.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

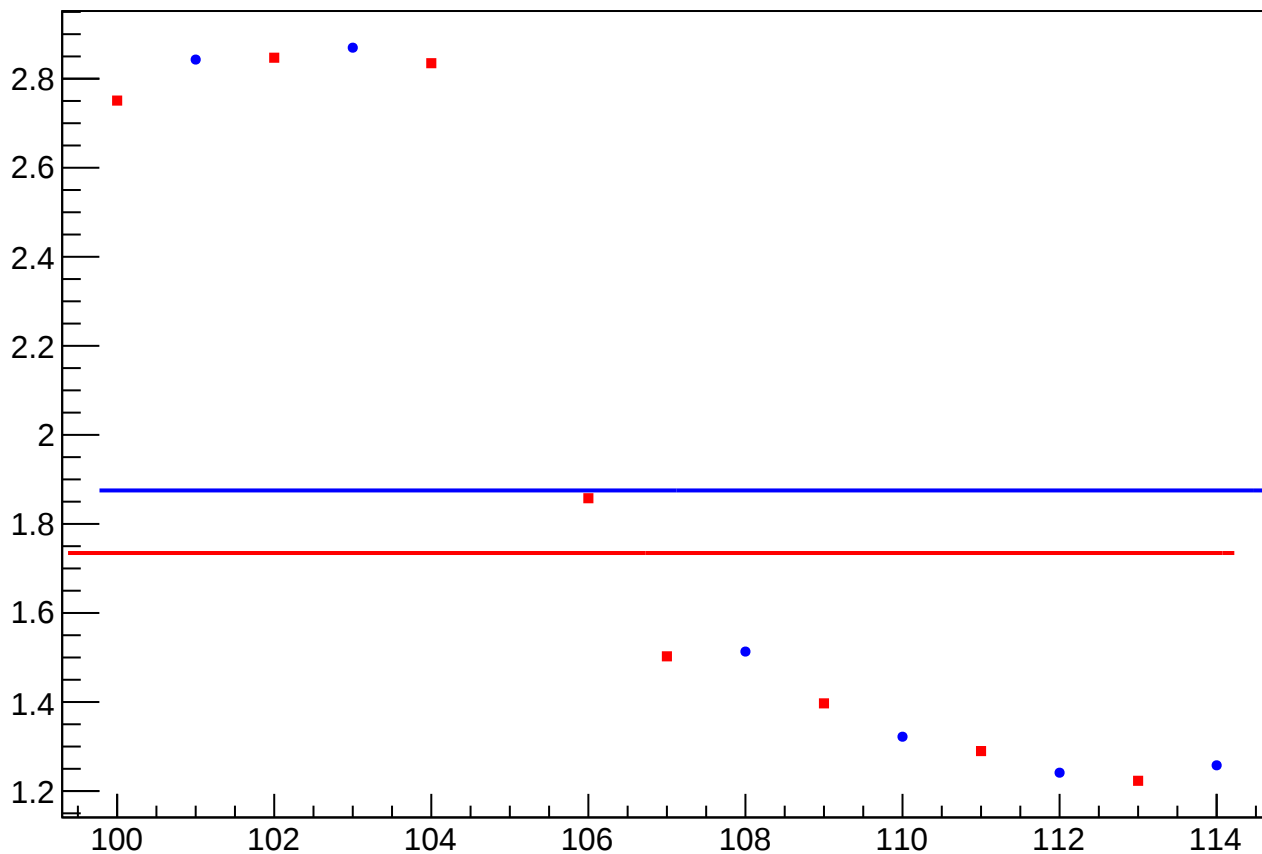
Right: 0.007+/-0.000 χ^2/NDF : 167637.0/13

In: 0.007+/-0.000 χ^2/NDF : 85772.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 167637.0/13

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 1.875+/-0.000 χ^2/NDF : 25986798264.3/5

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

Right Out: 1.735+/-0.000 χ^2/NDF : 26667980354.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

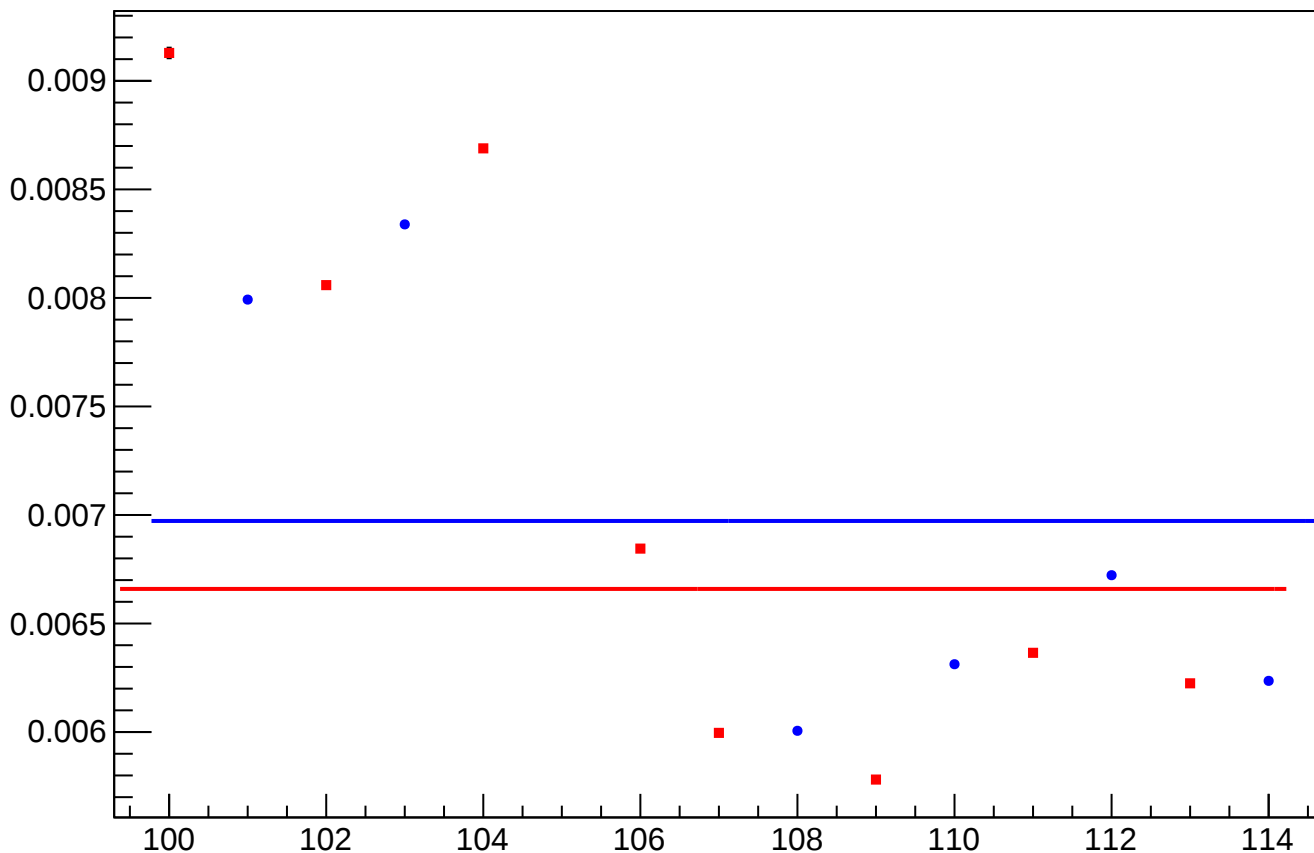
Right: 1.793+/-0.000 χ^2/NDF : 53227125643.7/13

In: 1.875+/-0.000 χ^2/NDF : 25986798264.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.793+/-0.000 χ^2/NDF : 53227125643.7/13

yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 80871.6/5

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

Right Out: 0.007+/-0.000 χ^2/NDF : 135891.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

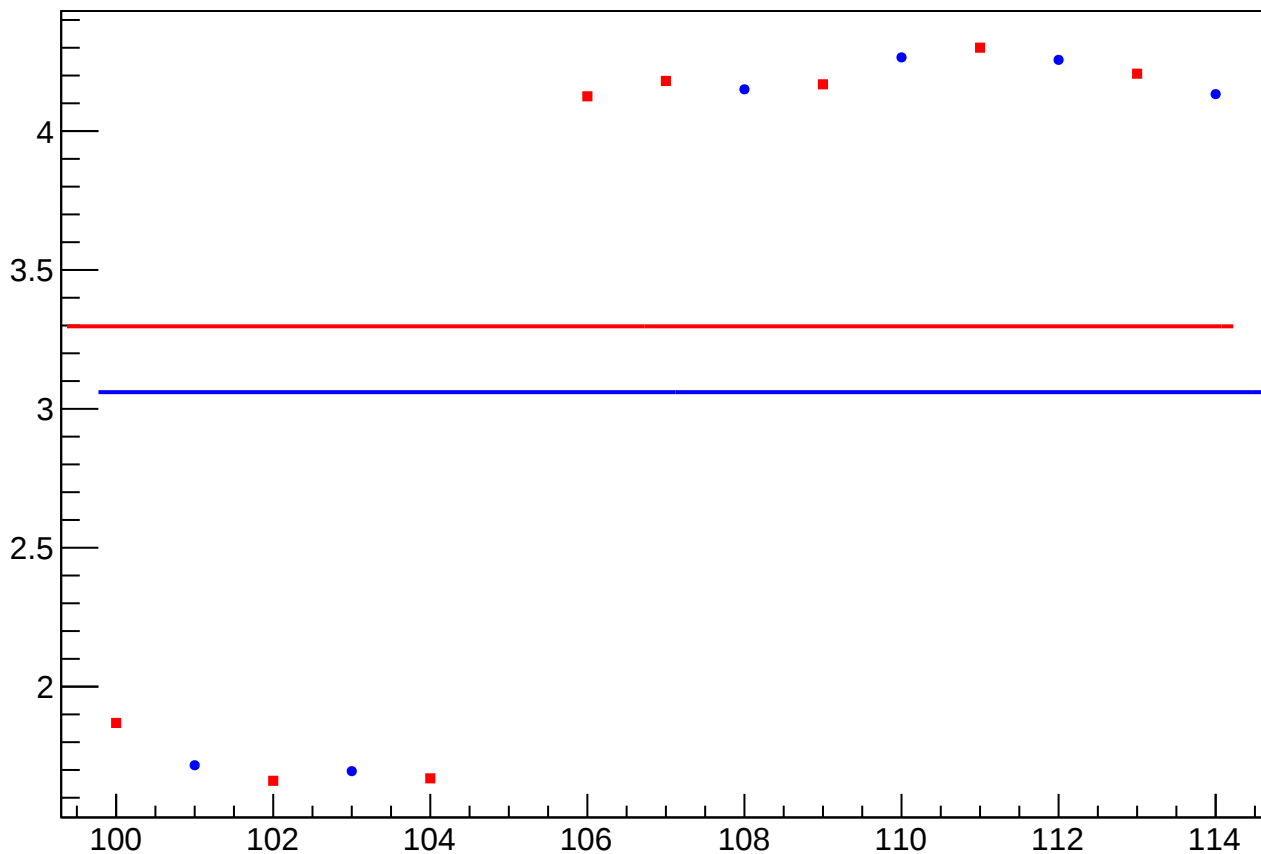
Right: 0.007+/-0.000 χ^2/NDF : 222447.2/13

In: 0.007+/-0.000 χ^2/NDF :80871.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 222447.2/13

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 3.060+/-0.000

χ^2/NDF : 140153147584.1/5

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 3.191+/-0.000

χ^2/NDF : 305972152058.0/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 3.060+/-0.000

χ^2/NDF : 140153147584.1/5

Right Out: 3.297+/-0.000

χ^2/NDF : 163040337628.5/7

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

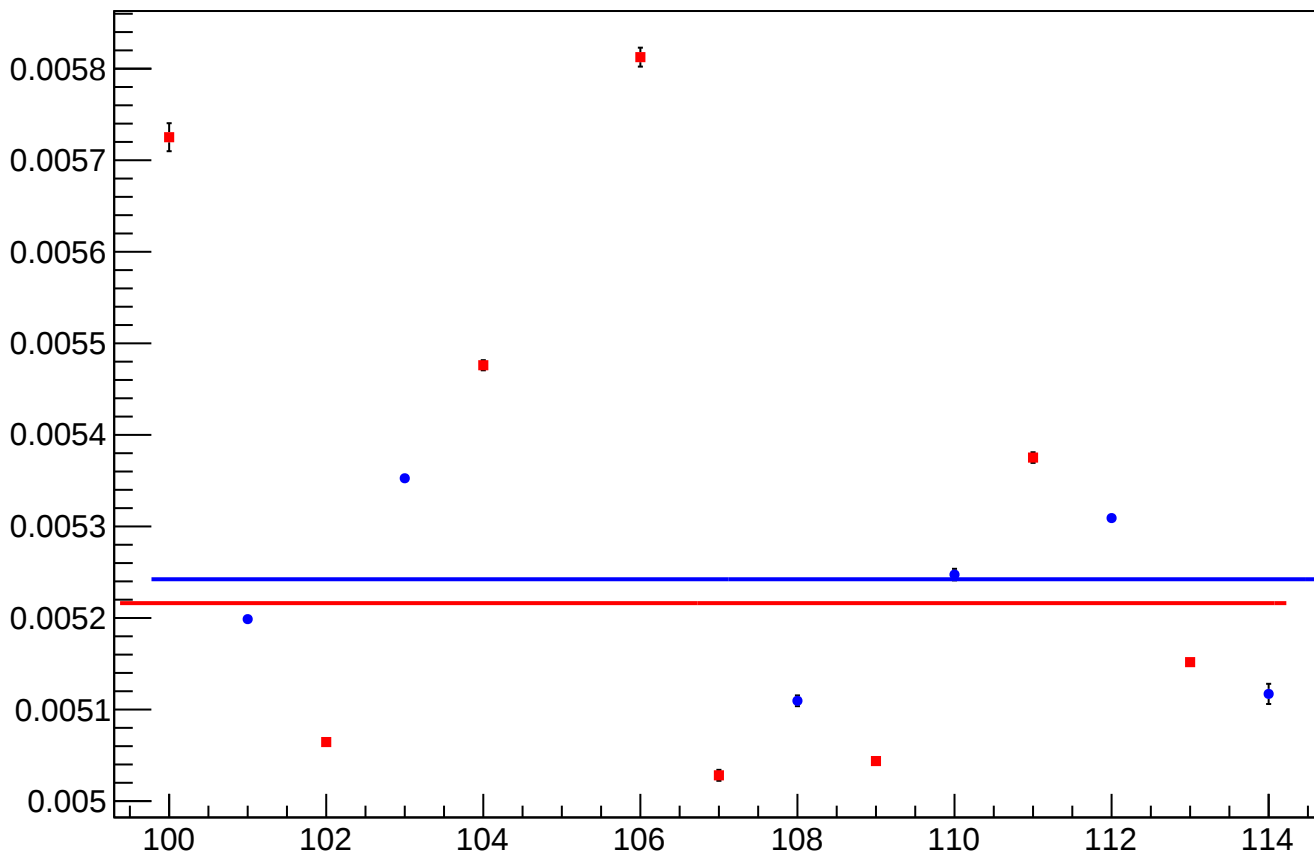
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 3.191+/-0.000

χ^2/NDF : 305972152058.0

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1352.0/5

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

Right Out: 0.005+/-0.000 χ^2/NDF : 10705.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

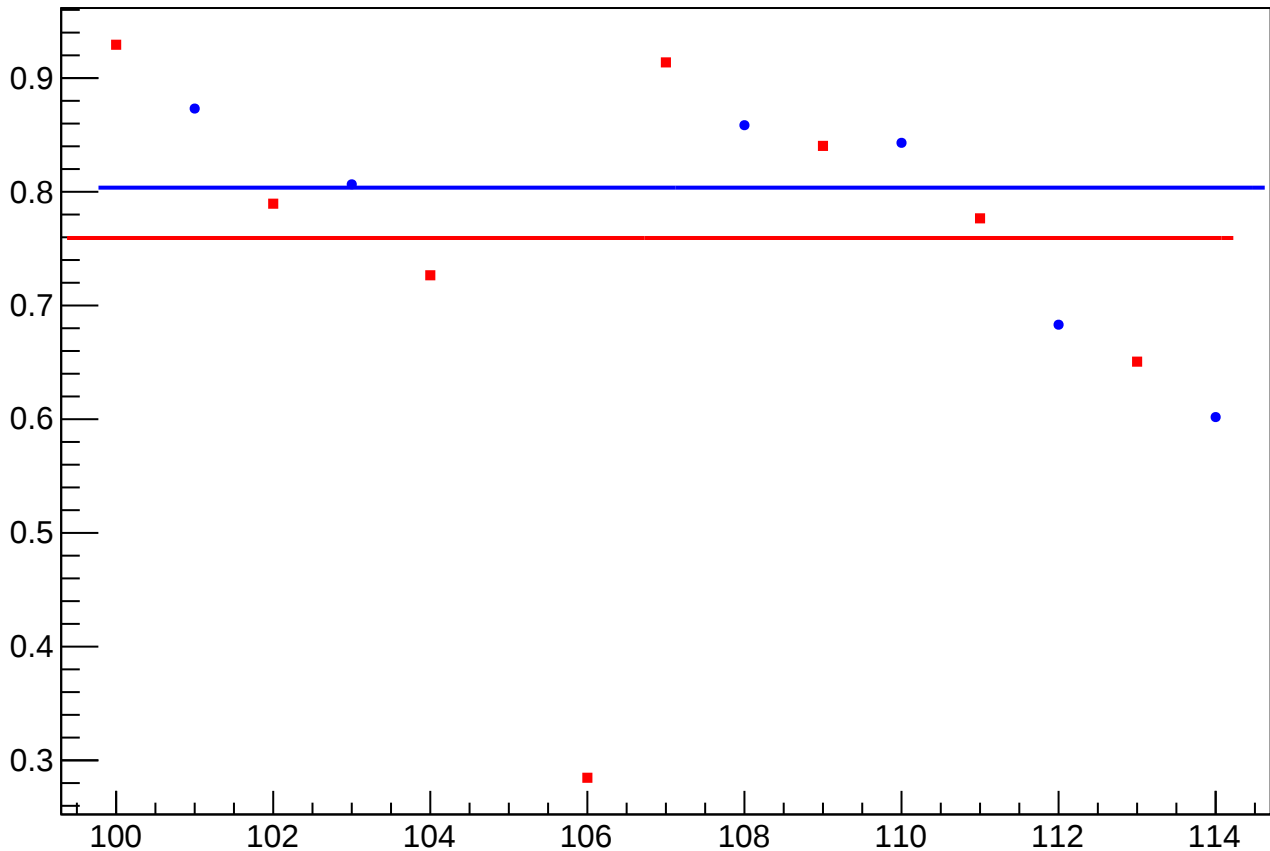
Right: 0.005+/-0.000 χ^2/NDF : 12124.3/13

In: 0.005+/-0.000 χ^2/NDF :1352.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 12124.3/13

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.804+/-0.000 χ^2/NDF : 73964306.5/5

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

Right Out: 0.759+/-0.000 χ^2/NDF : 271843198.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

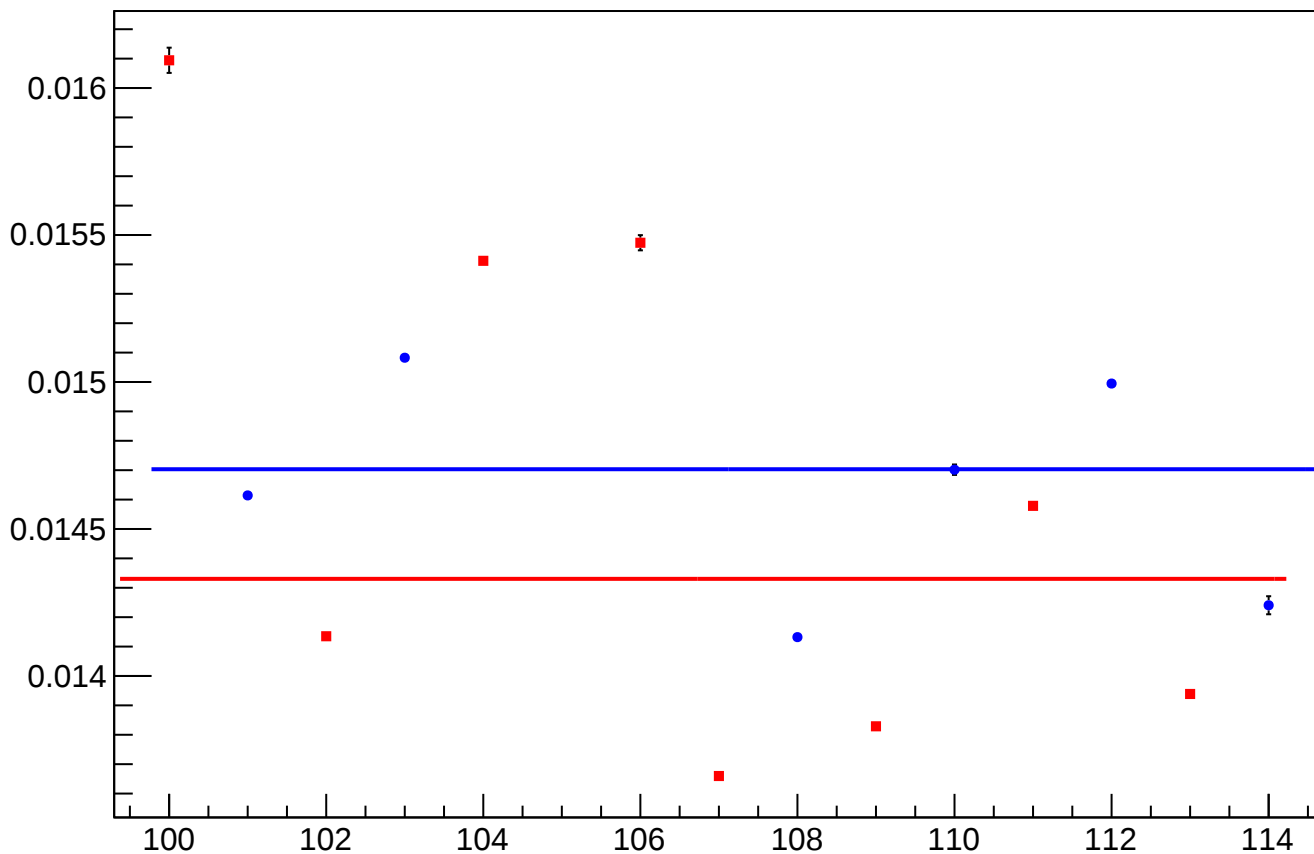
Right: 0.779+/-0.000 χ^2/NDF : 358372182.3/13

In: 0.804+/-0.000 χ^2/NDF : 73964306.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.779+/-0.000 χ^2/NDF : 358372182.3/13

yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 2566.6/5

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

Right Out: 0.014+/-0.000 χ^2/NDF : 12699.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

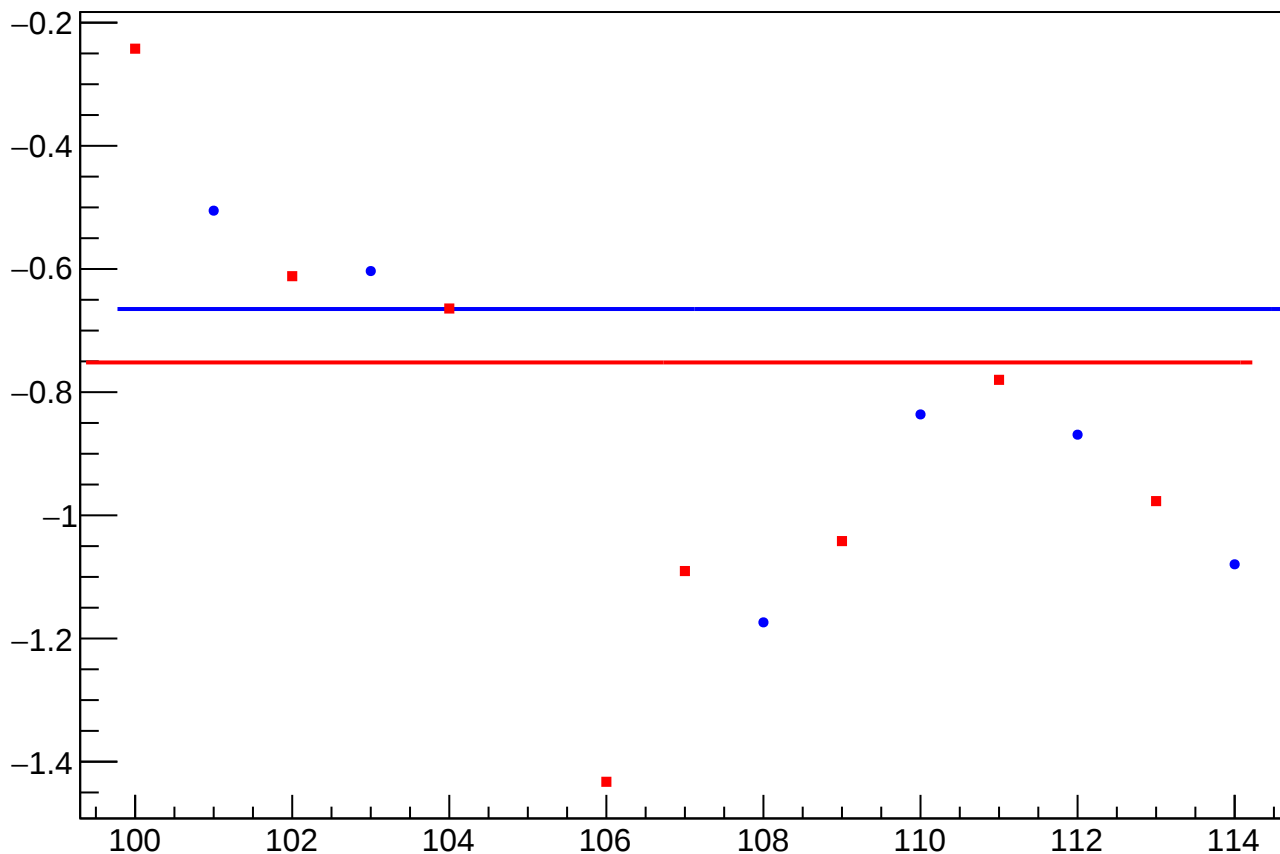
Right: 0.014+/-0.000 χ^2/NDF : 17048.1/13

In: 0.015+/-0.000 χ^2/NDF : 2566.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 17048.1/13

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -0.665+/-0.000 χ^2/NDF : 4056274420.3/5

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

Right Out: -0.752+/-0.000 χ^2/NDF : 5297845663.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

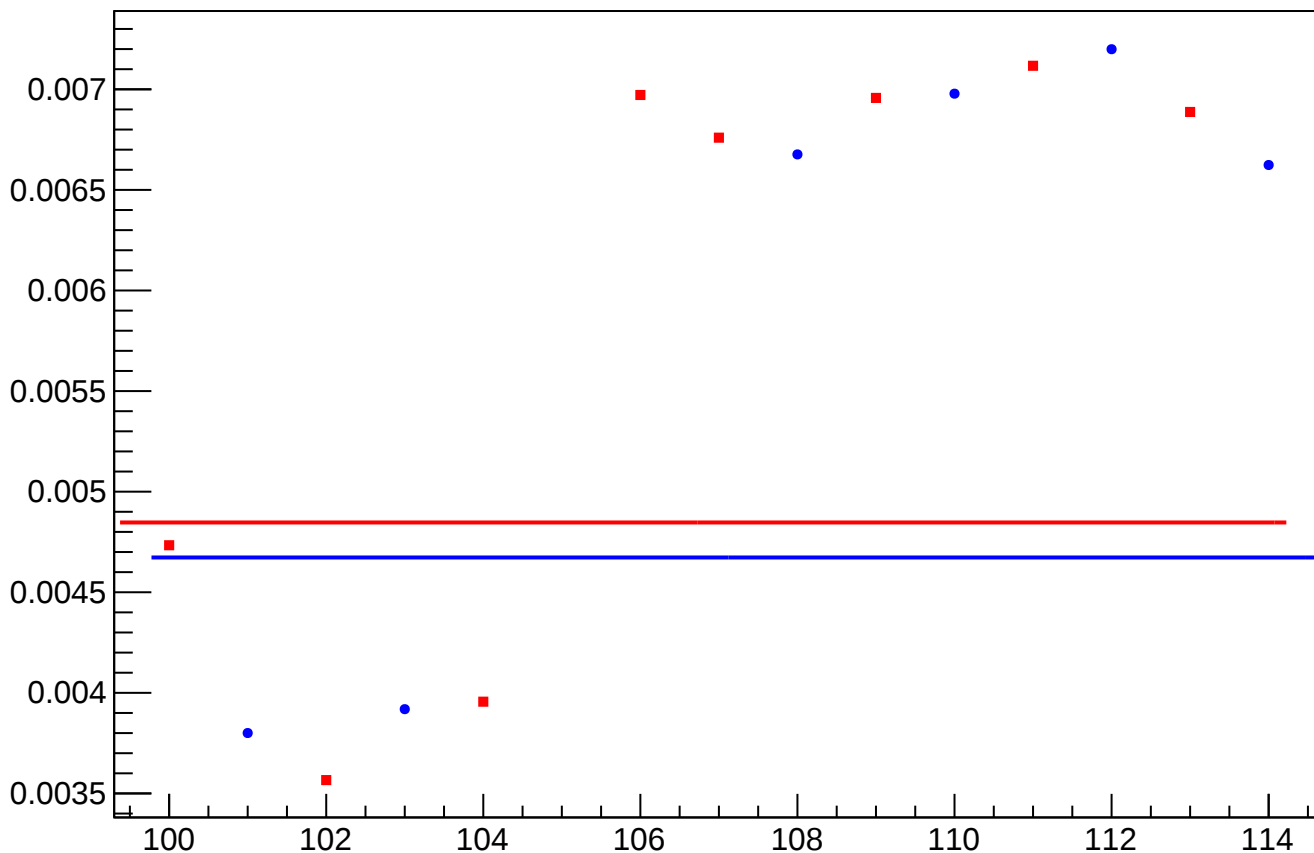
Right: -0.711+/-0.000 χ^2/NDF : 9739365757.3/13

In: -0.665+/-0.000 χ^2/NDF :4056274420.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.711+/-0.000 χ^2/NDF : 9739365757.3/13

yield_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 355003.3/5

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

Right Out: 0.005+/-0.000 χ^2/NDF : 507833.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

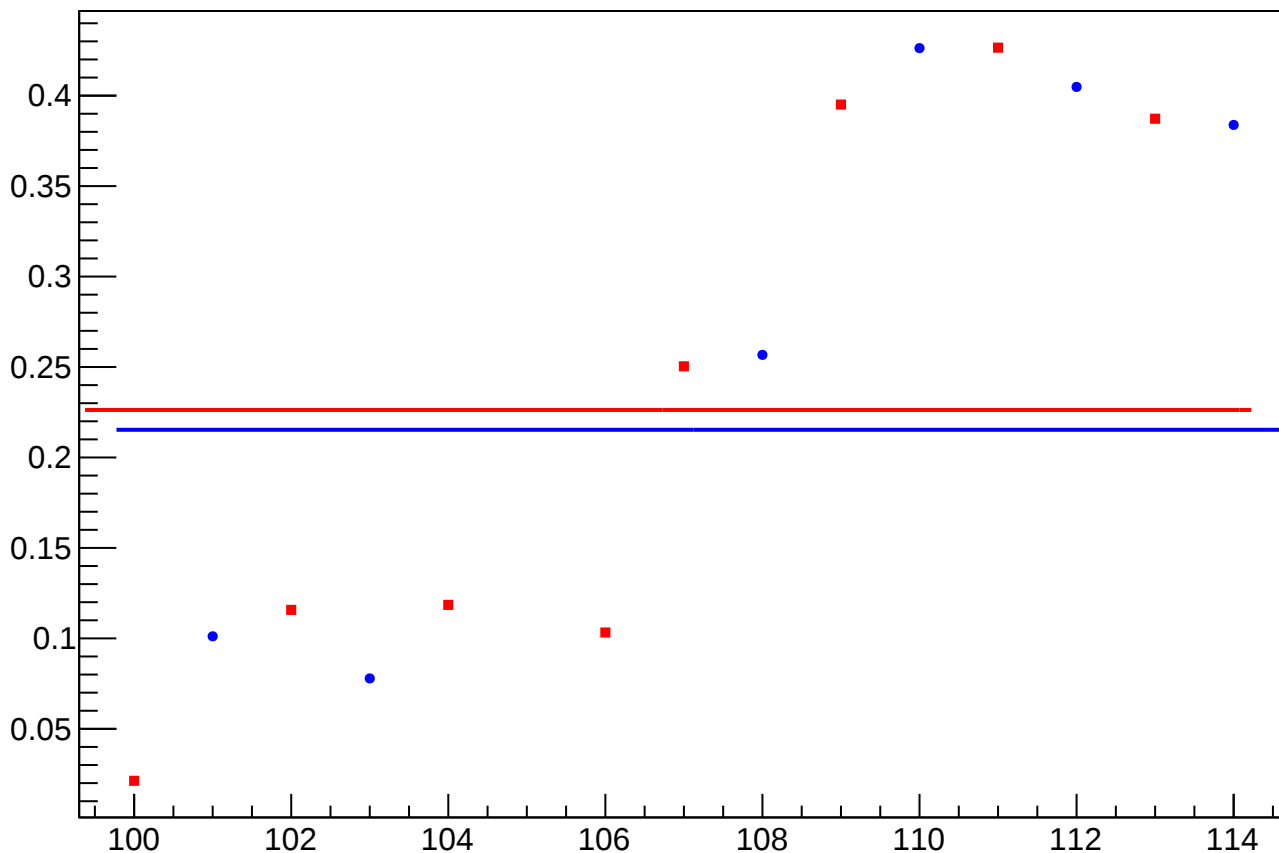
Right: 0.005+/-0.000 χ^2/NDF : 865938.0/13

In: 0.005+/-0.000 χ^2/NDF : 355003.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 865938.0/13

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.215+/-0.000

χ^2/NDF : 17045585825.6/5

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.222+/-0.000 χ^2/NDF : 39668689287.0/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.215+/-0.000 χ^2/NDF : 17045585825.6/5

Right Out: 0.226+/-0.000

χ^2/NDF : 22563723881.8/7

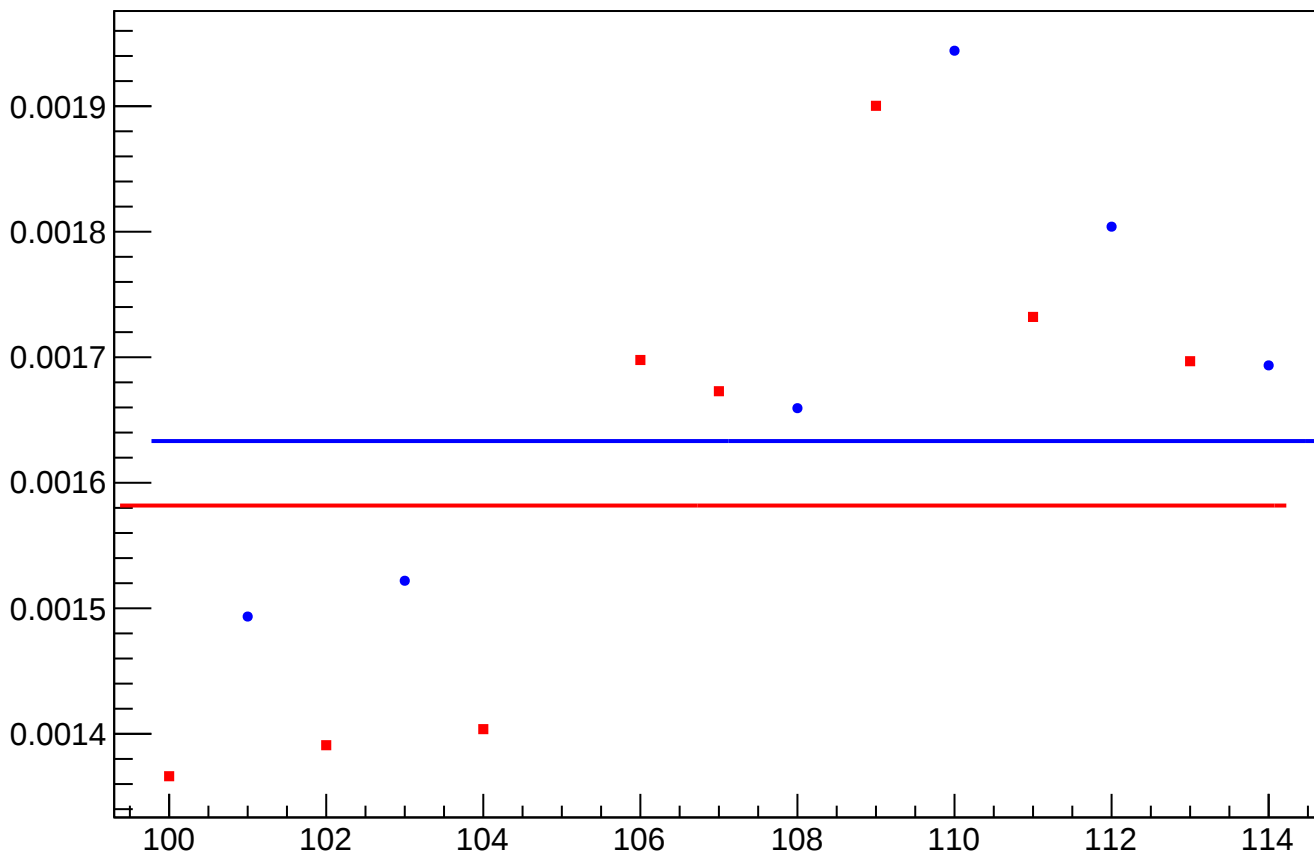
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.222+/-0.000 χ^2/NDF : 39668689287.0/13

yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 38961.1/5

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

Right Out: 0.002+/-0.000 χ^2/NDF : 81264.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

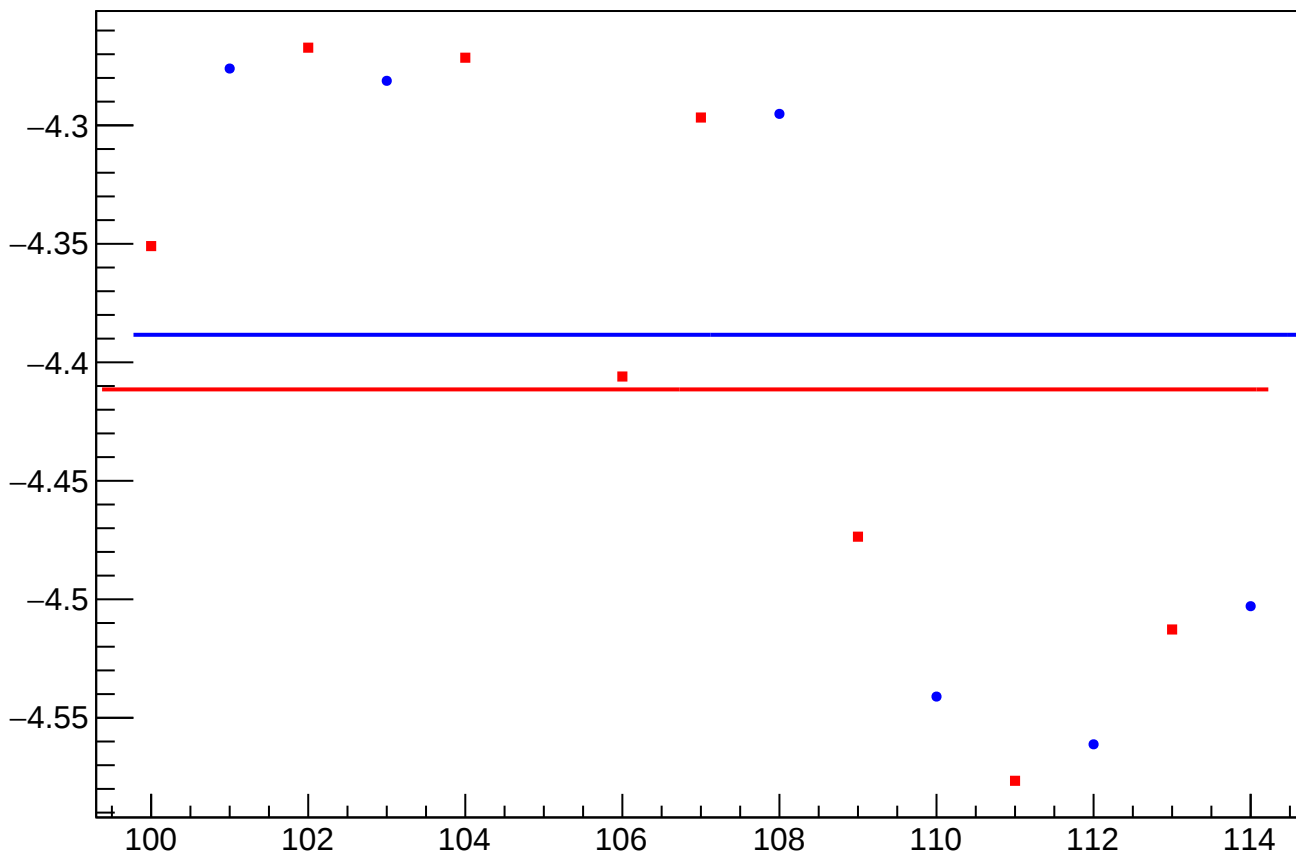
Right: 0.002+/-0.000 χ^2/NDF : 122833.2/13

In: 0.002+/-0.000 χ^2/NDF : 38961.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 122833.2/13

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.388+/-0.000 χ^2/NDF : 12350557436.5/5

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

Right Out: -4.411+/-0.000 χ^2/NDF : 13365955414.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

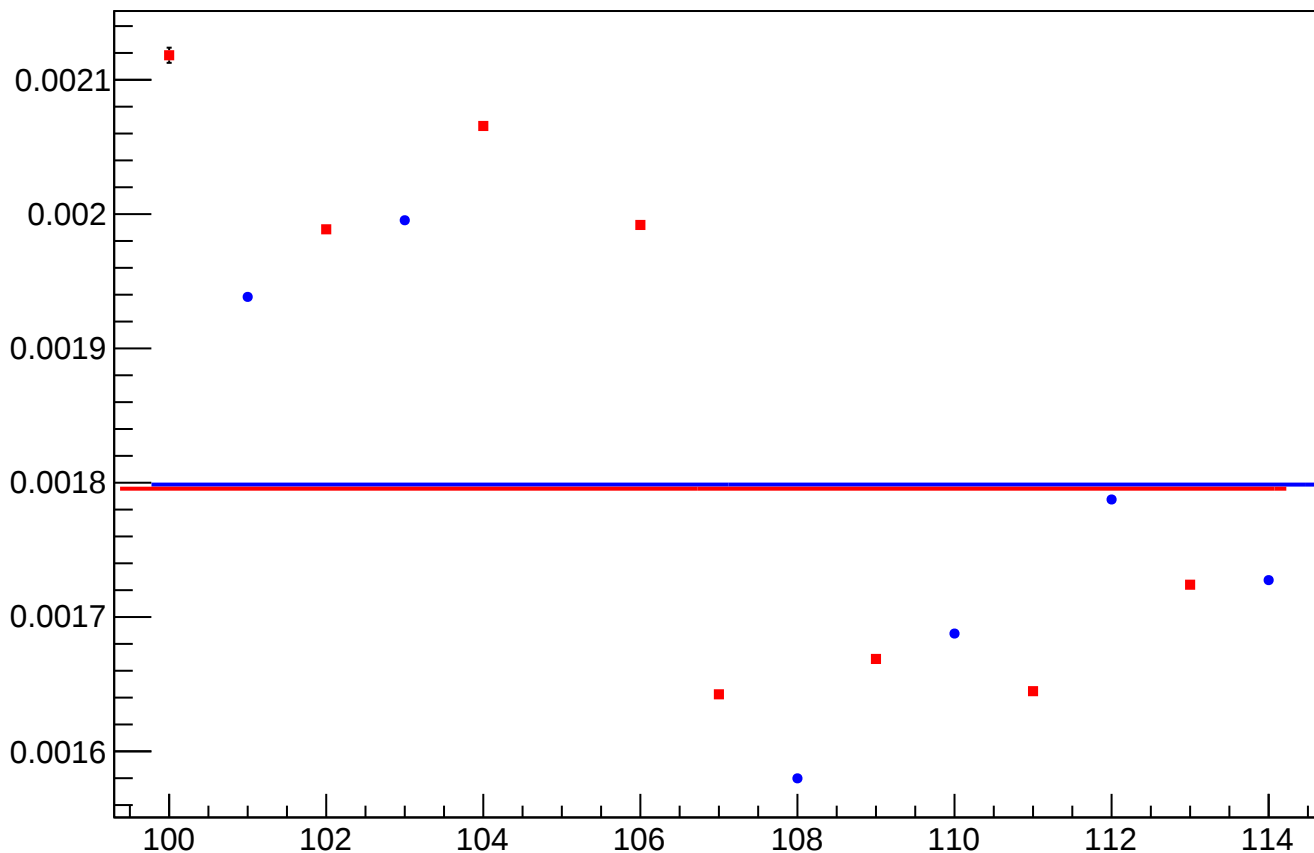
Right: -4.401+/-0.000 χ^2/NDF : 25938001688.5/13

In: -4.388+/-0.000 χ^2/NDF : 12350557436.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.401+/-0.000 χ^2/NDF : 25938001688.5/13

yield_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 34616.9/5

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

Right Out: 0.002+/-0.000 χ^2/NDF : 56128.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

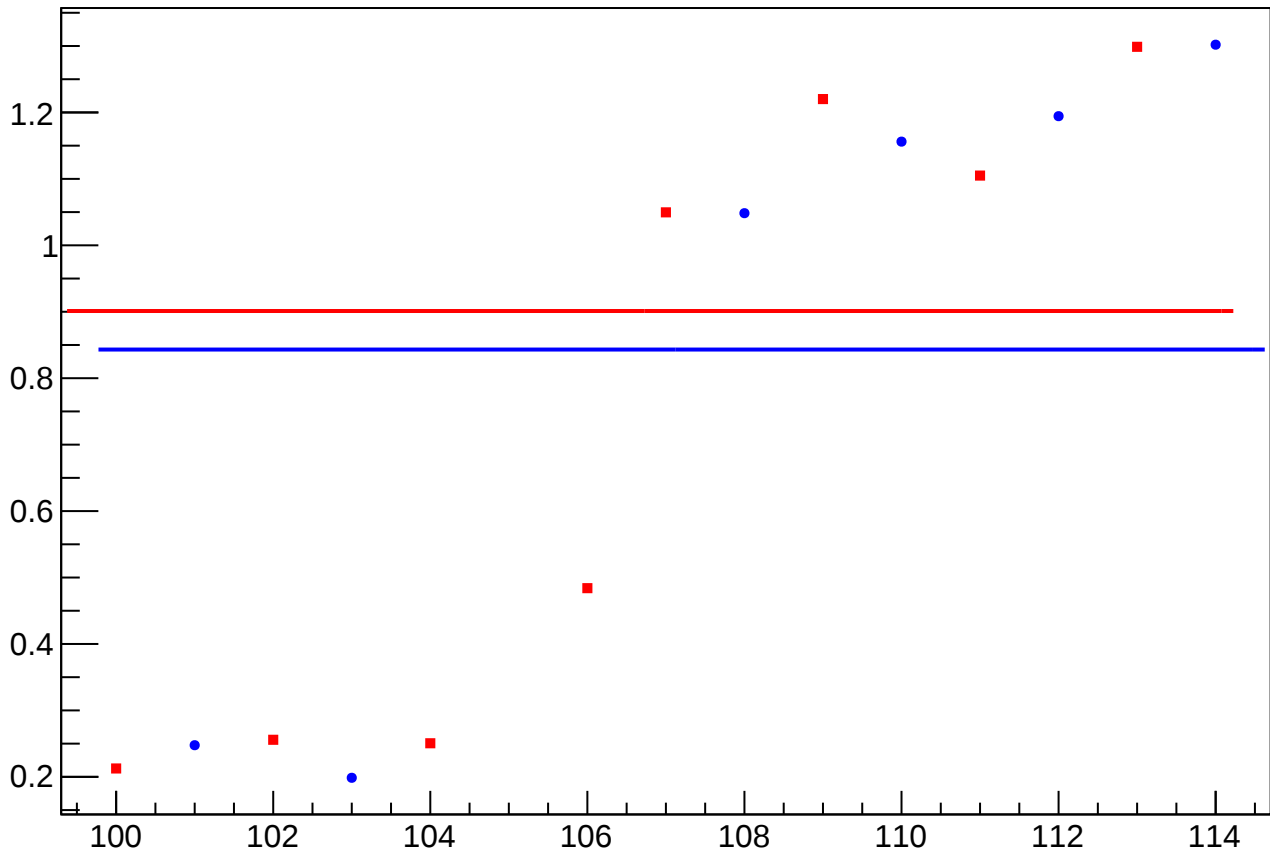
Right: 0.002+/-0.000 χ^2/NDF : 90752.7/13

In: 0.002+/-0.000 χ^2/NDF :34616.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 90752.7/13

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 0.843+/-0.000 χ^2/NDF : 8534939152.8/5

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

Right Out: 0.901+/-0.000 χ^2/NDF : 11027474429.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

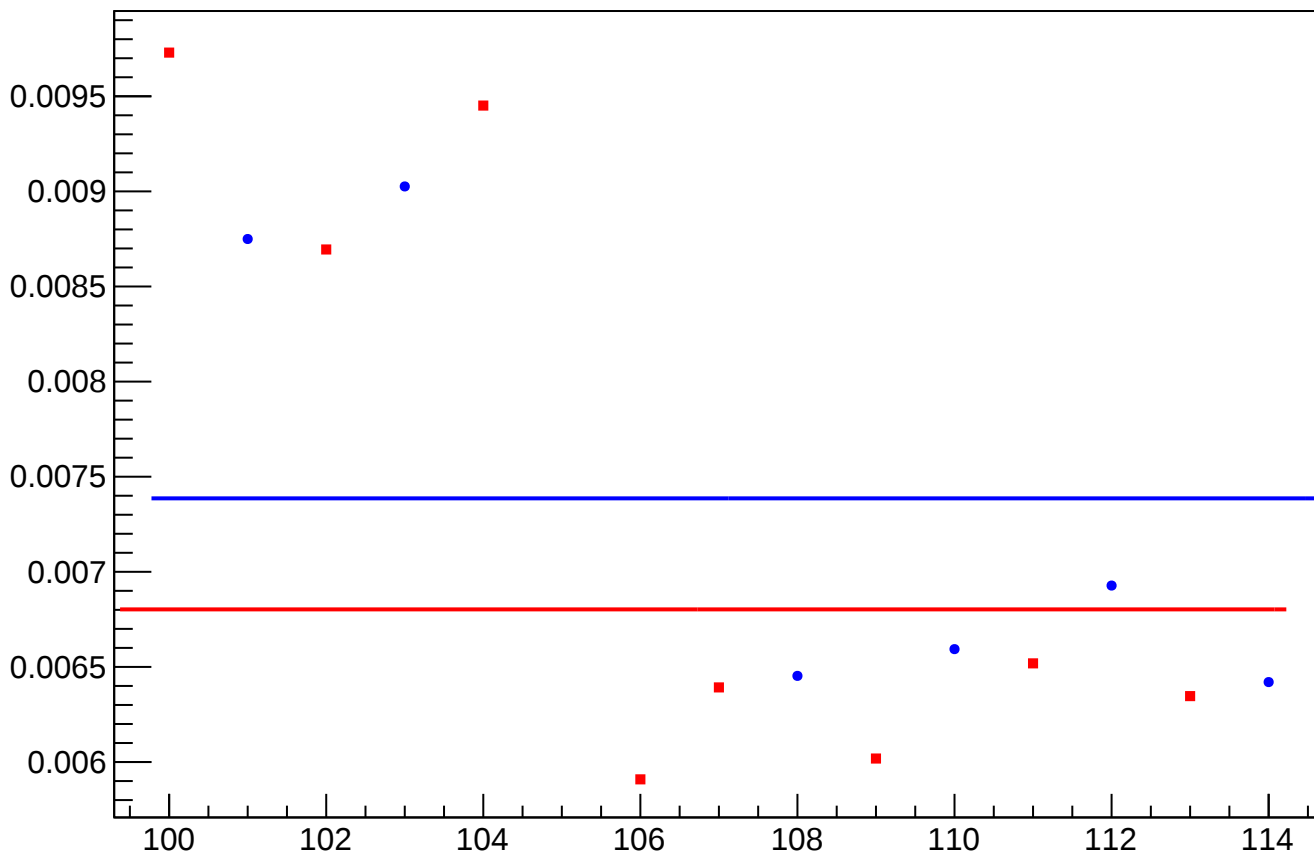
Right: 0.878+/-0.000 χ^2/NDF : 19651596694.1/13

In: 0.843+/-0.000 χ^2/NDF :8534939152.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.878+/-0.000 χ^2/NDF : 19651596694.1/13

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 100584.4/5

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

Right Out: 0.007+/-0.000 χ^2/NDF : 182185.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

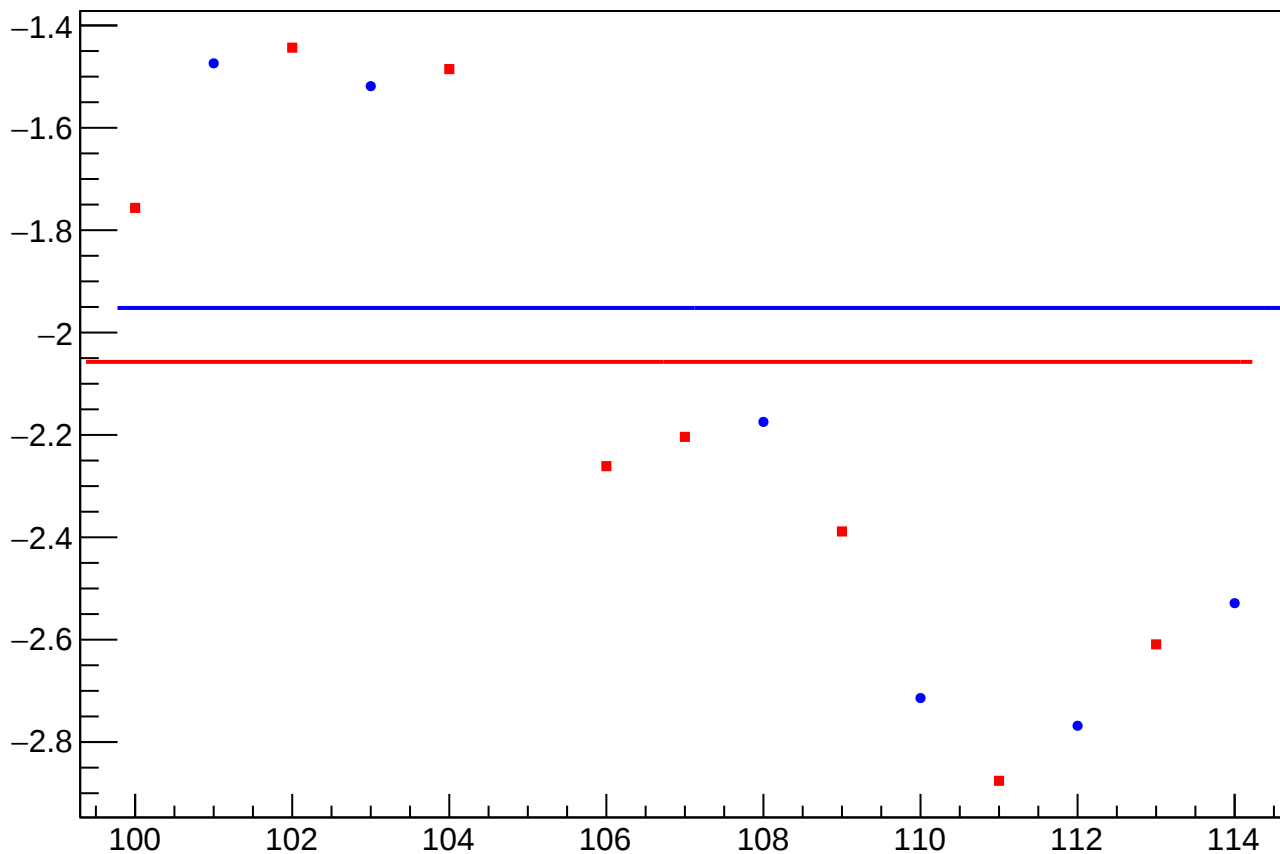
Right: 0.007+/-0.000 χ^2/NDF : 300834.6/13

In: 0.007+/-0.000 χ^2/NDF : 100584.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 300834.6/13

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -1.952+/-0.000 χ^2/NDF : 19292148645.9/5

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

Right Out: -2.057+/-0.000 χ^2/NDF : 21325890534.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

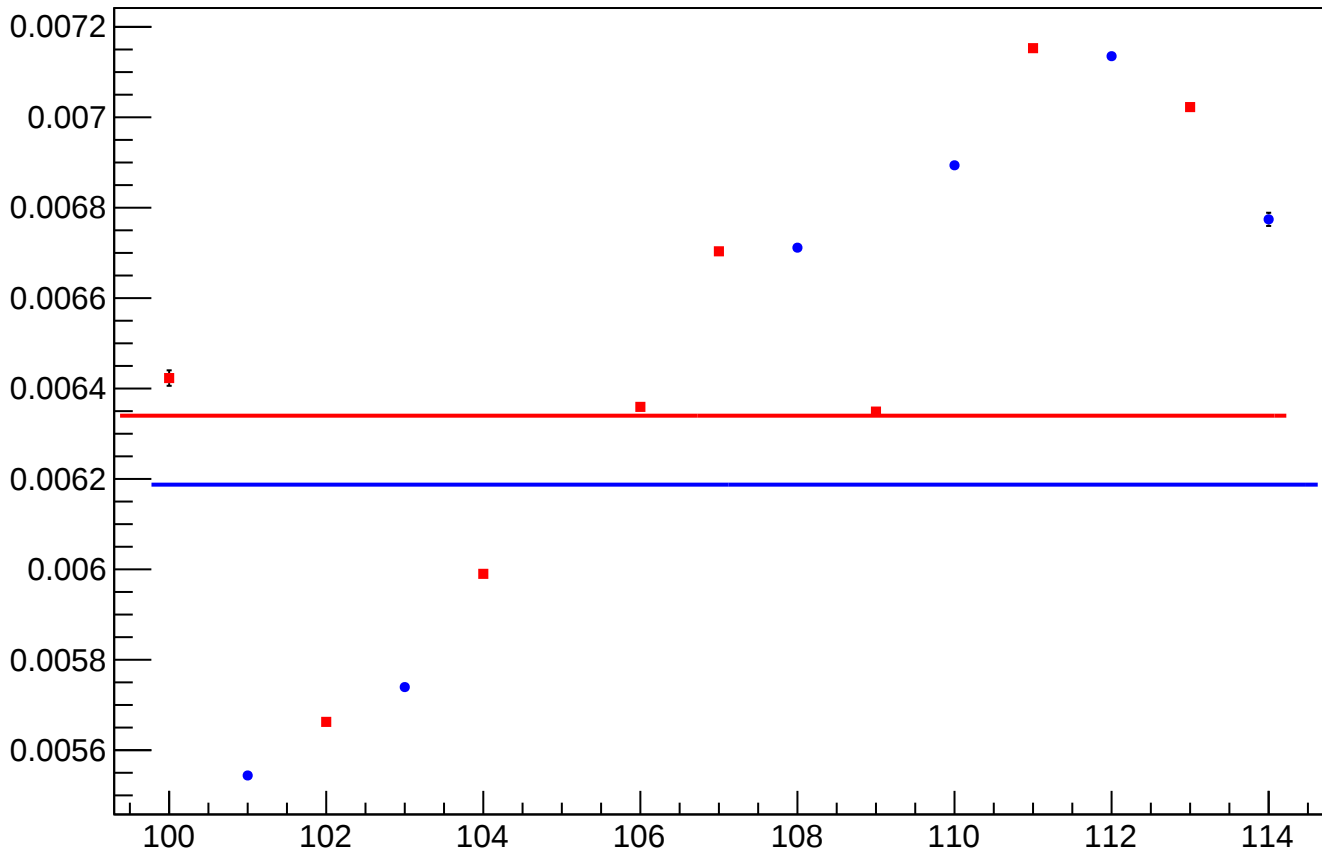
Right: -2.010+/-0.000 χ^2/NDF : 41007269423.3/13

In: -1.952+/-0.000 χ^2/NDF : 19292148645.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.010+/-0.000 χ^2/NDF : 41007269423.3/13

yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 53101.9/5

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

Right Out: 0.006+/-0.000 χ^2/NDF : 40680.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

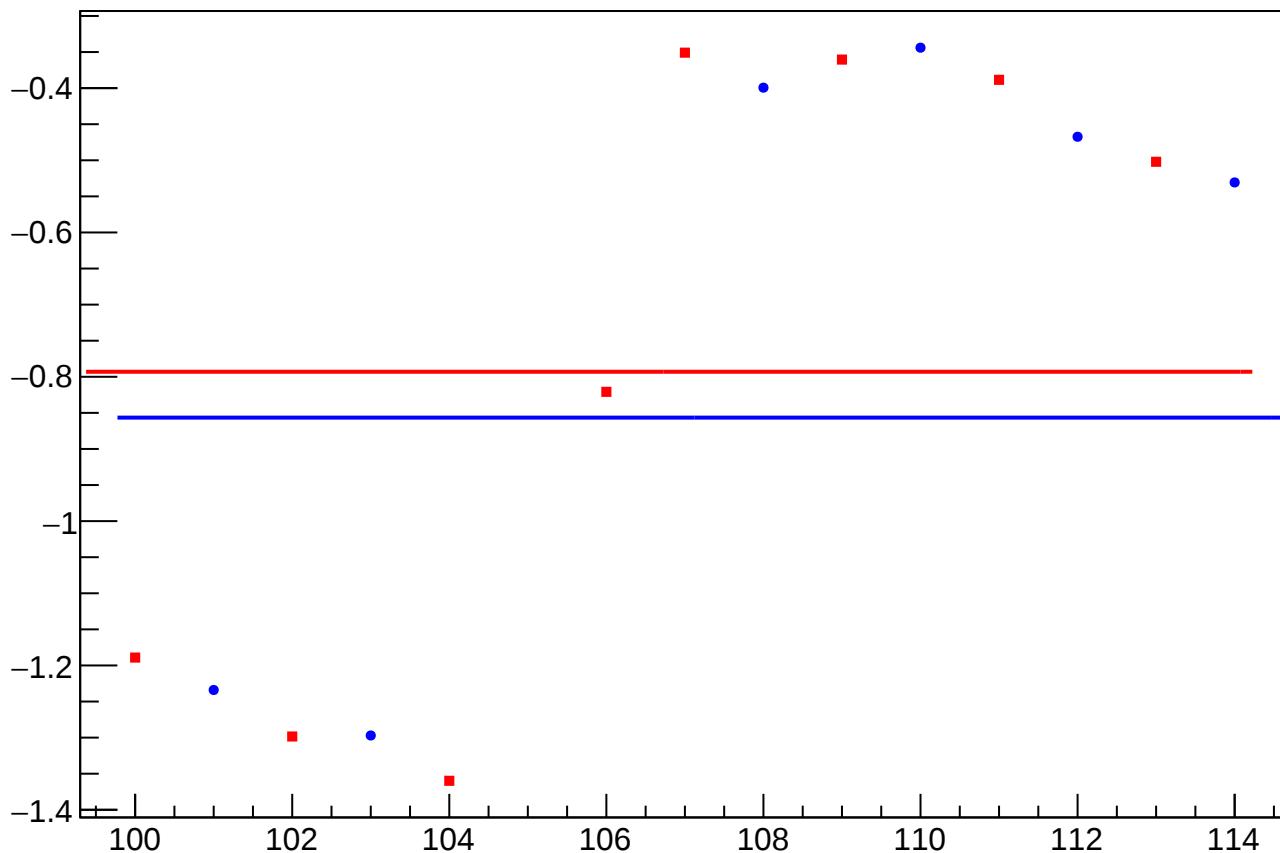
Right: 0.006+/-0.000 χ^2/NDF : 95413.2/13

In: 0.006+/-0.000 χ^2/NDF : 53101.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 95413.2/13

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.857+/-0.000 χ^2/NDF : 3805802536.9/5

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

Right Out: -0.793+/-0.000 χ^2/NDF : 5373447932.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

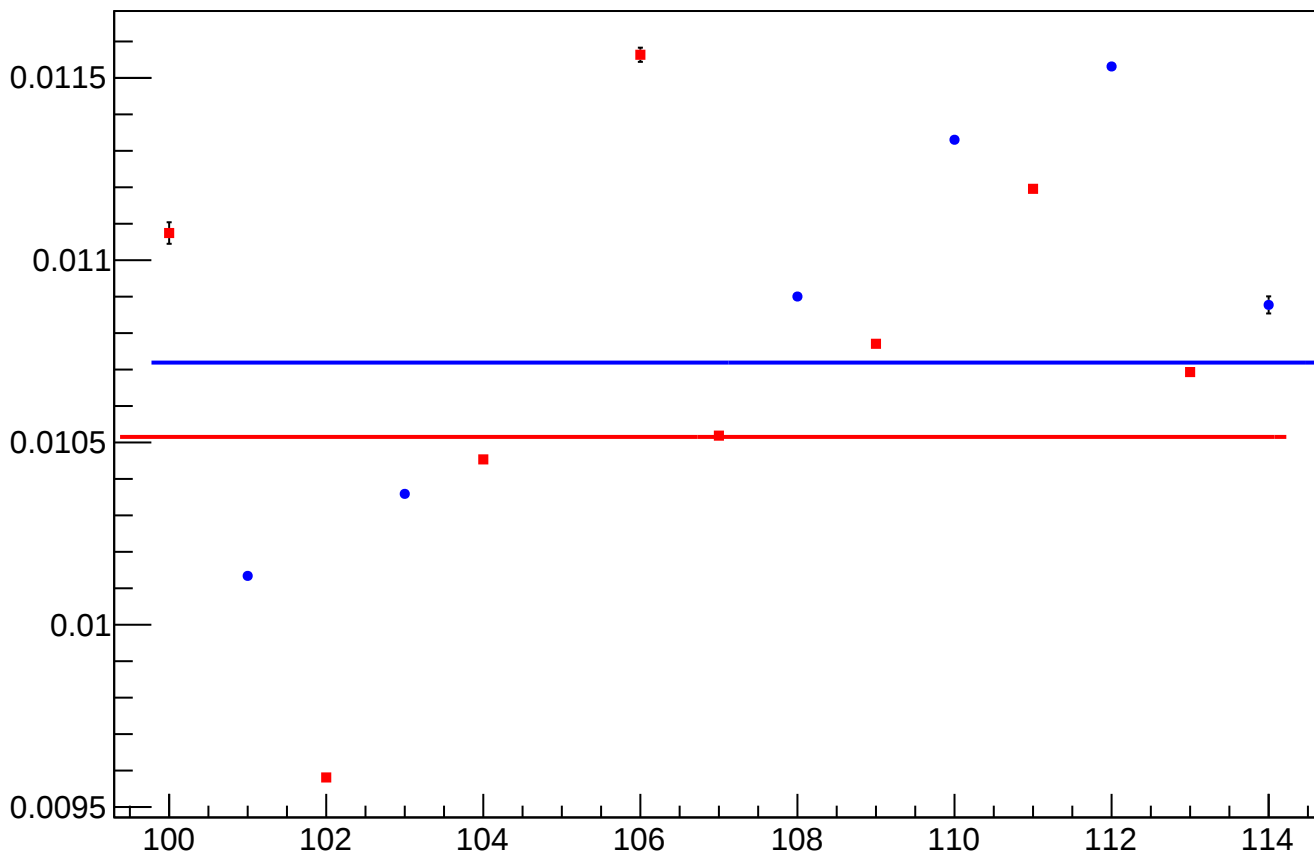
Right: -0.821+/-0.000 χ^2/NDF : 9227274133.4/13

In: -0.857+/-0.000 χ^2/NDF :3805802536.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.821+/-0.000 χ^2/NDF : 9227274133.4/13

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 12181.0/5

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

Right Out: 0.011+/-0.000 χ^2/NDF : 17632.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

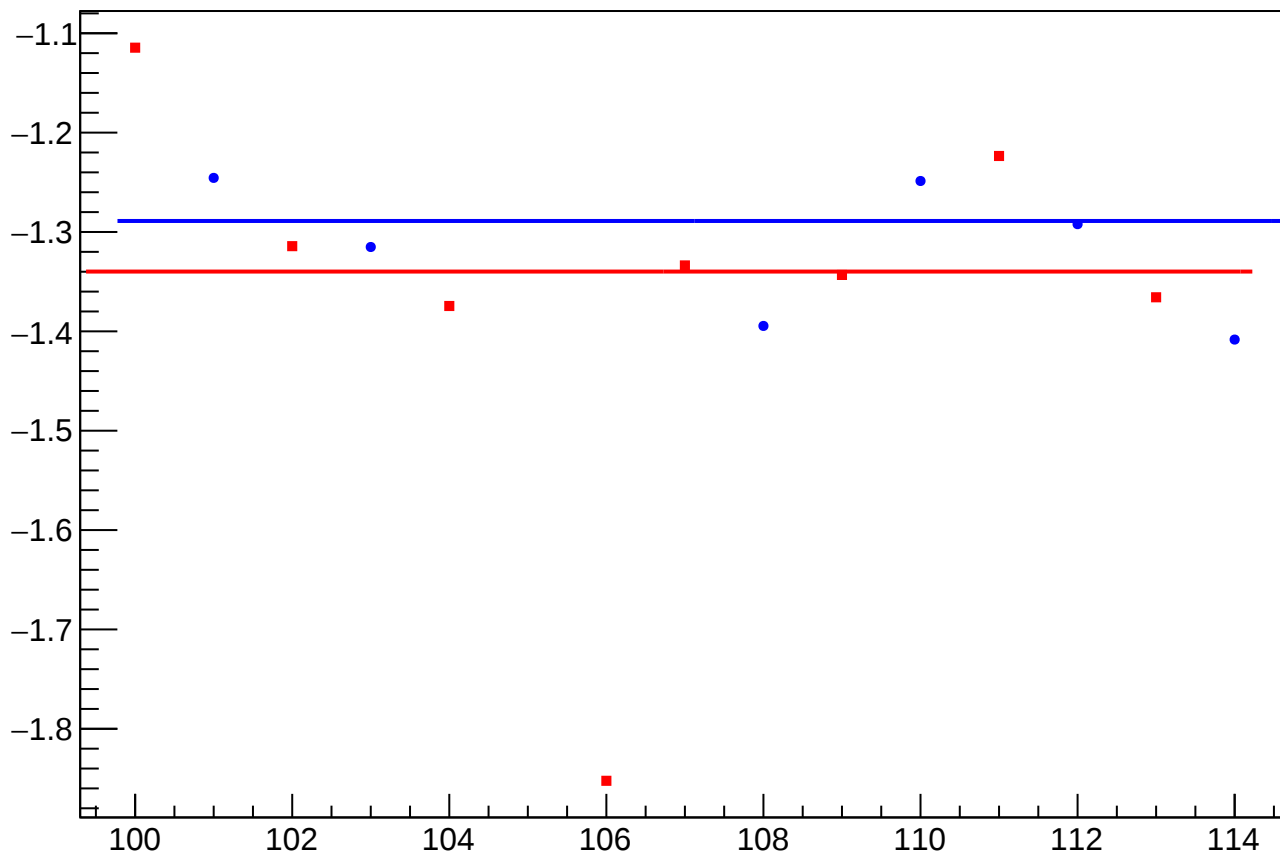
Right: 0.011+/-0.000 χ^2/NDF : 30801.7/13

In: 0.011+/-0.000 χ^2/NDF : 12181.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 30801.7/13

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.289+/-0.000 χ^2/NDF : 1034611598.1/5

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

Right Out: -1.340+/-0.000 χ^2/NDF : 5490153419.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

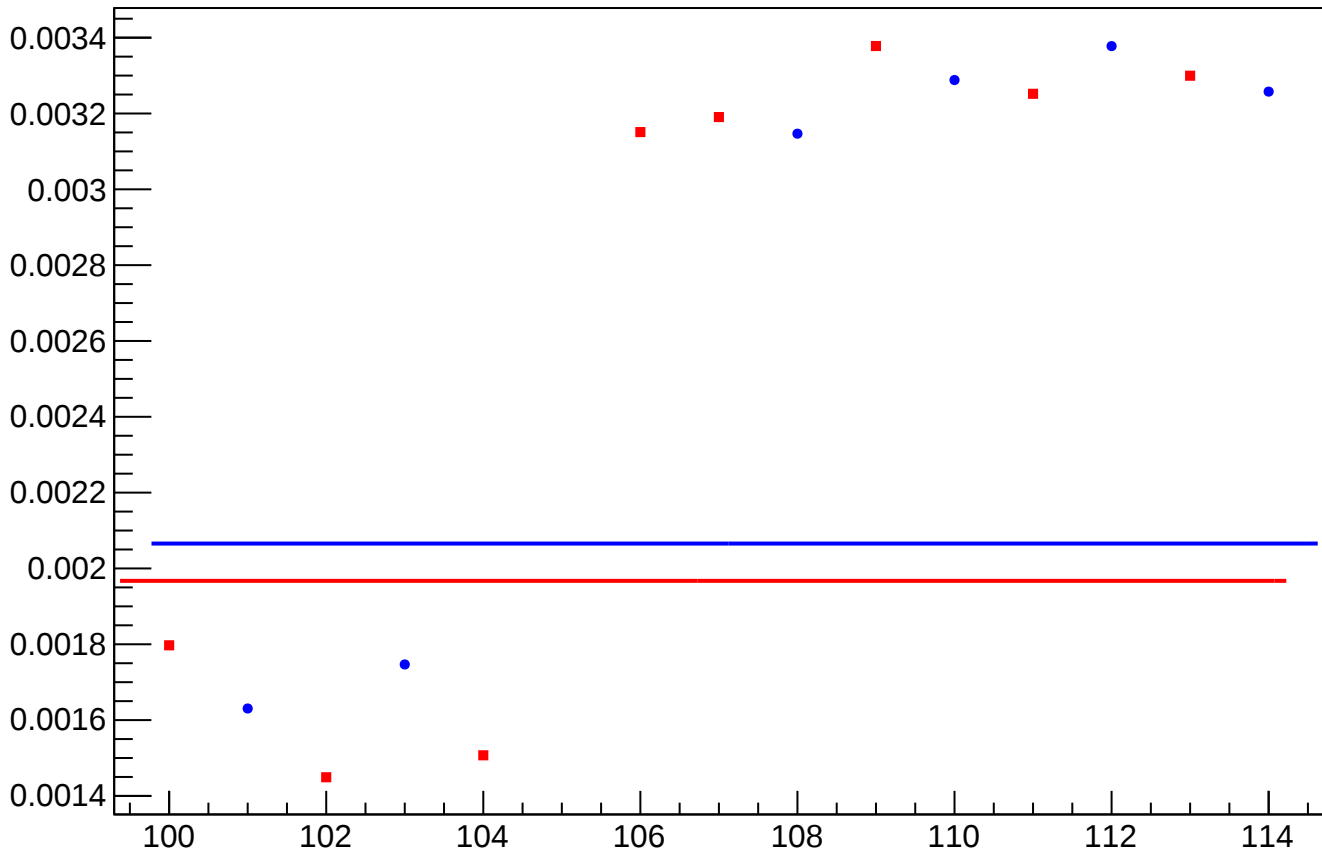
Right: -1.318+/-0.000 χ^2/NDF : 7203425357.3/13

In: -1.289+/-0.000 χ^2/NDF :1034611598.1/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.318+/-0.000 χ^2/NDF : 7203425357.3/13

yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 427011.3/5

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

Right Out: 0.002+/-0.000 χ^2/NDF : 767789.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

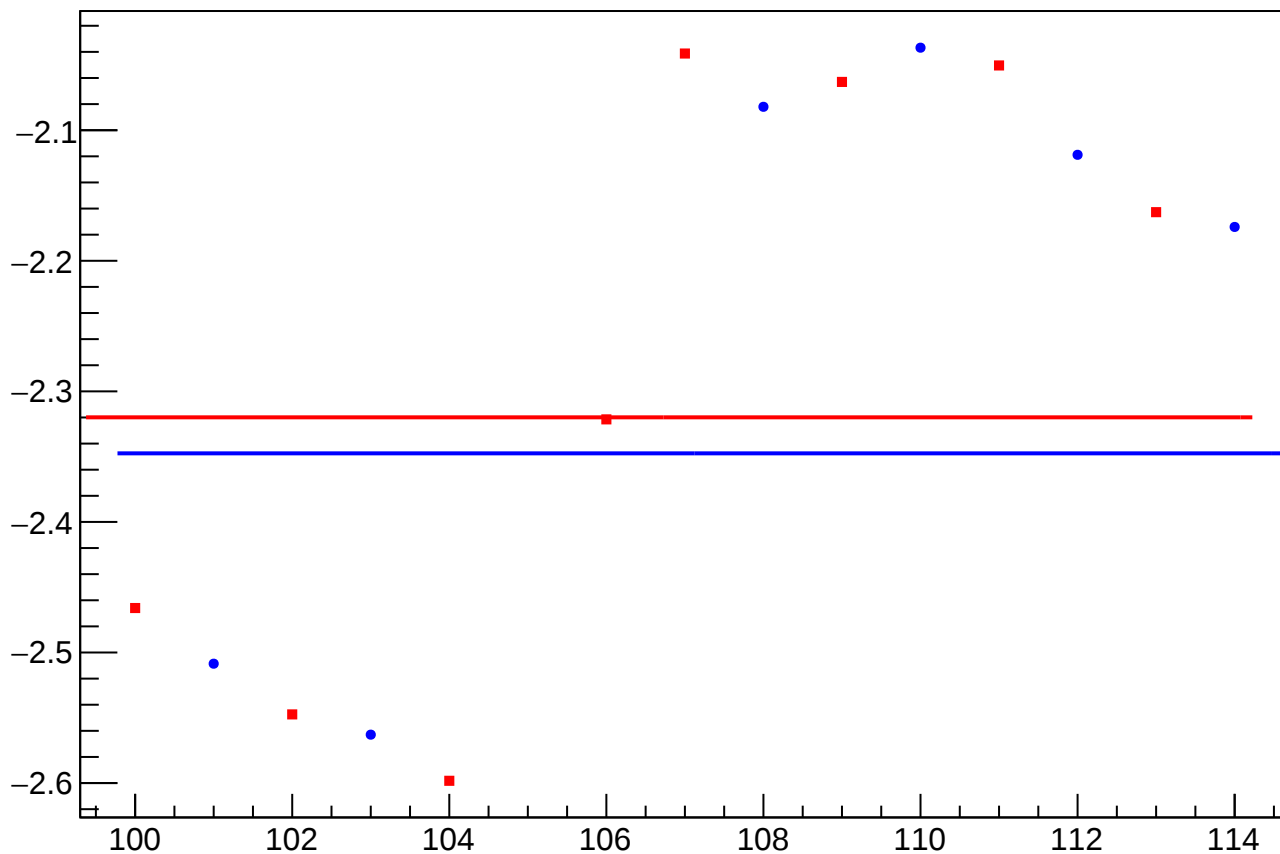
Right: 0.002+/-0.000 χ^2/NDF : 1199866.6/13

In: 0.002+/-0.000 χ^2/NDF :427011.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1199866.6/13

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.347+/-0.000 χ^2/NDF : 2924171819.2/5

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

Right Out: -2.320+/-0.000 χ^2/NDF : 4335031595.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

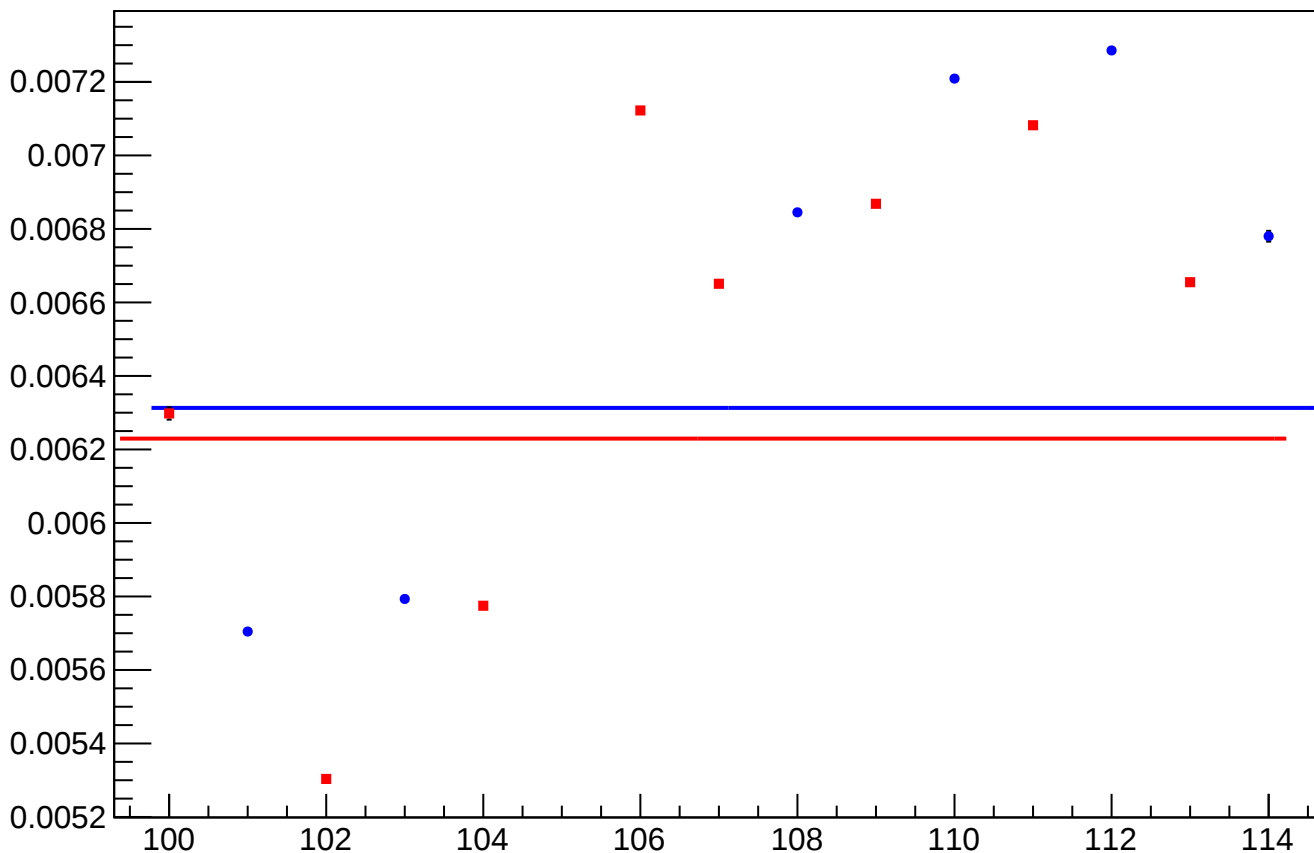
Right: -2.332+/-0.000 χ^2/NDF : 7284621123.1/13

In: -2.347+/-0.000 χ^2/NDF : 2924171819.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.332+/-0.000 χ^2/NDF : 7284621123.1/13

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 54427.0/5

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

Right Out: 0.006+/-0.000 χ^2/NDF : 71920.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

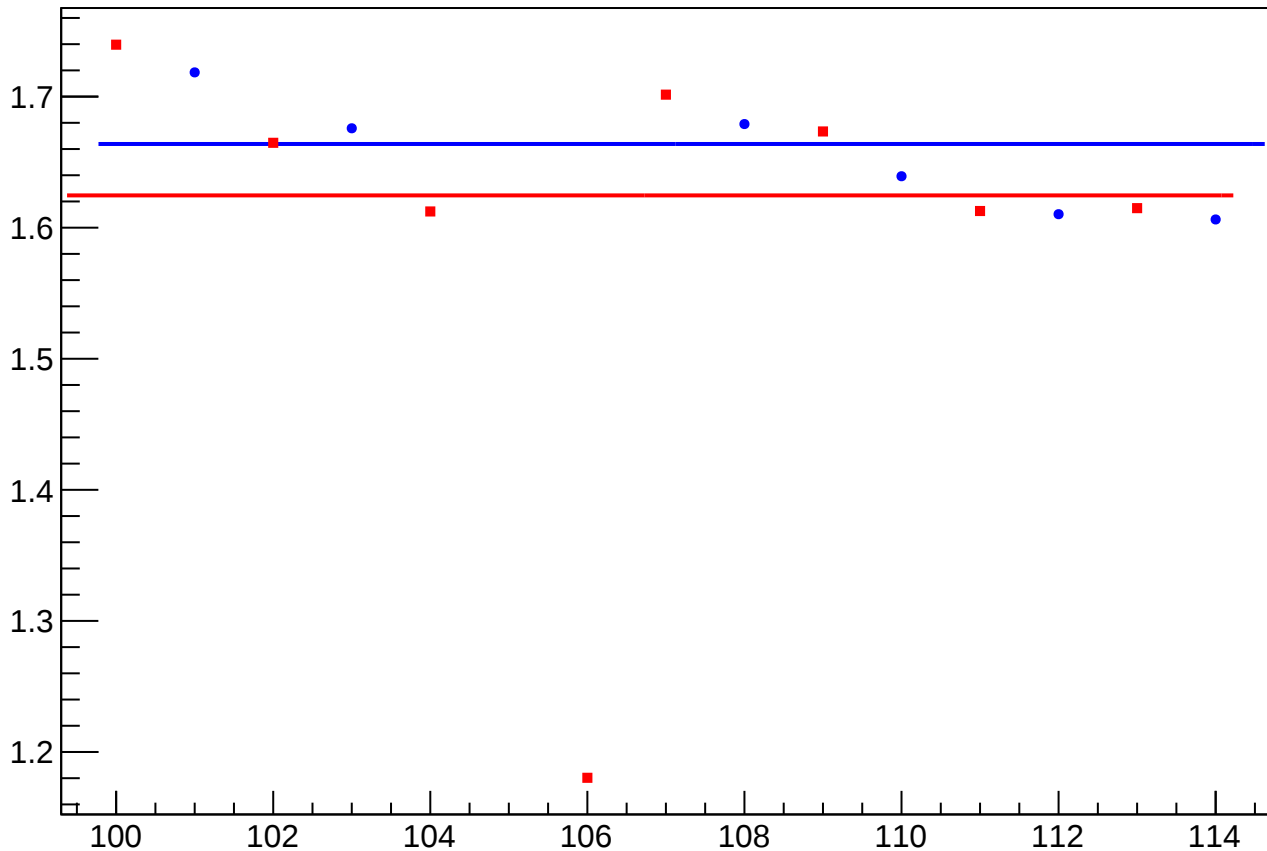
Right: 0.006+/-0.000 χ^2/NDF : 126813.6/13

In: 0.006+/-0.000 χ^2/NDF :54427.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 126813.6/13

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.664+/-0.000 χ^2/NDF : 732931225.5/5

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

Right Out: 1.625+/-0.000 χ^2/NDF : 7738768287.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

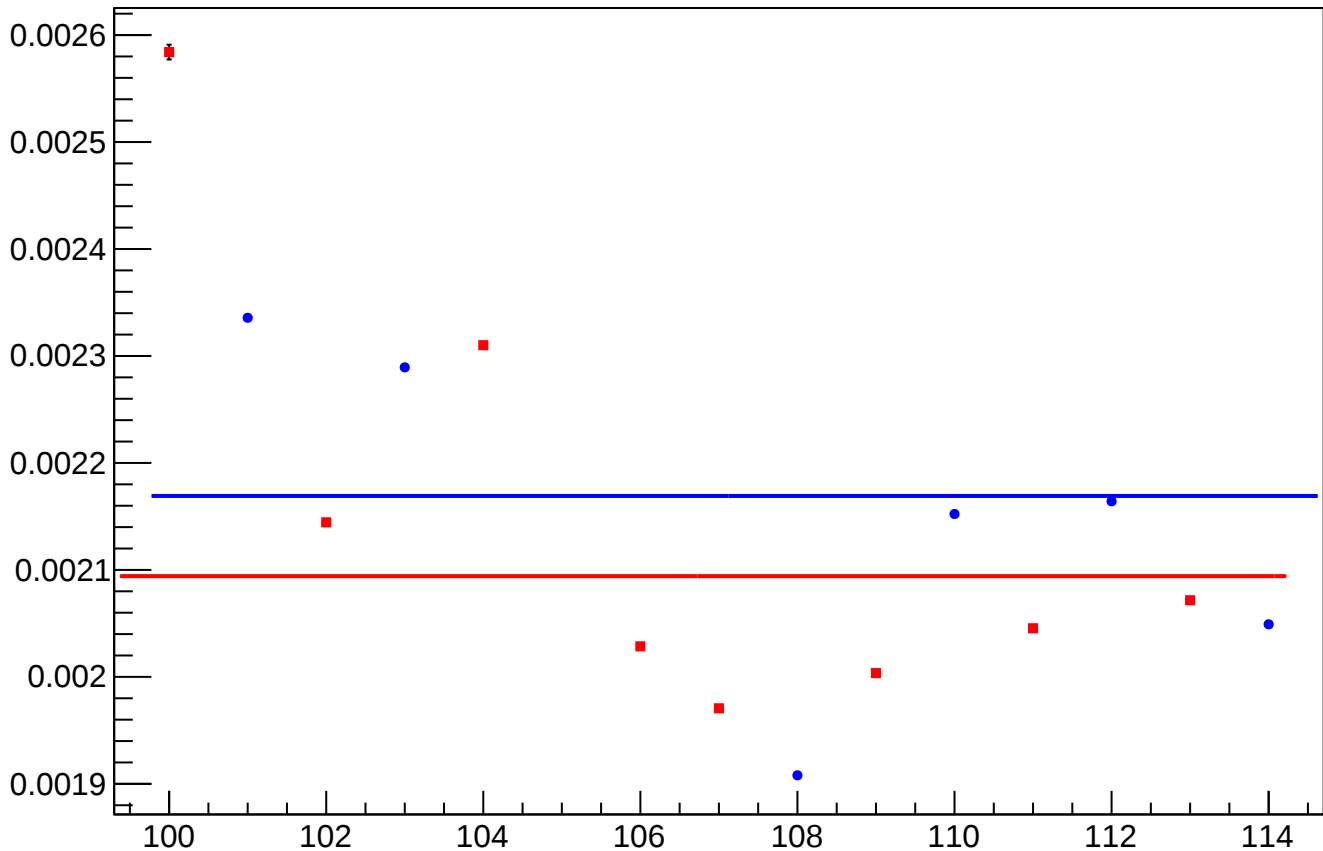
Right: 1.641+/-0.000 χ^2/NDF : 8898609725.2/13

In: 1.664+/-0.000 χ^2/NDF : 732931225.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.641+/-0.000 χ^2/NDF : 8898609725.2/13

yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 22205.6/5

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

Right Out: 0.002+/-0.000 χ^2/NDF : 19249.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

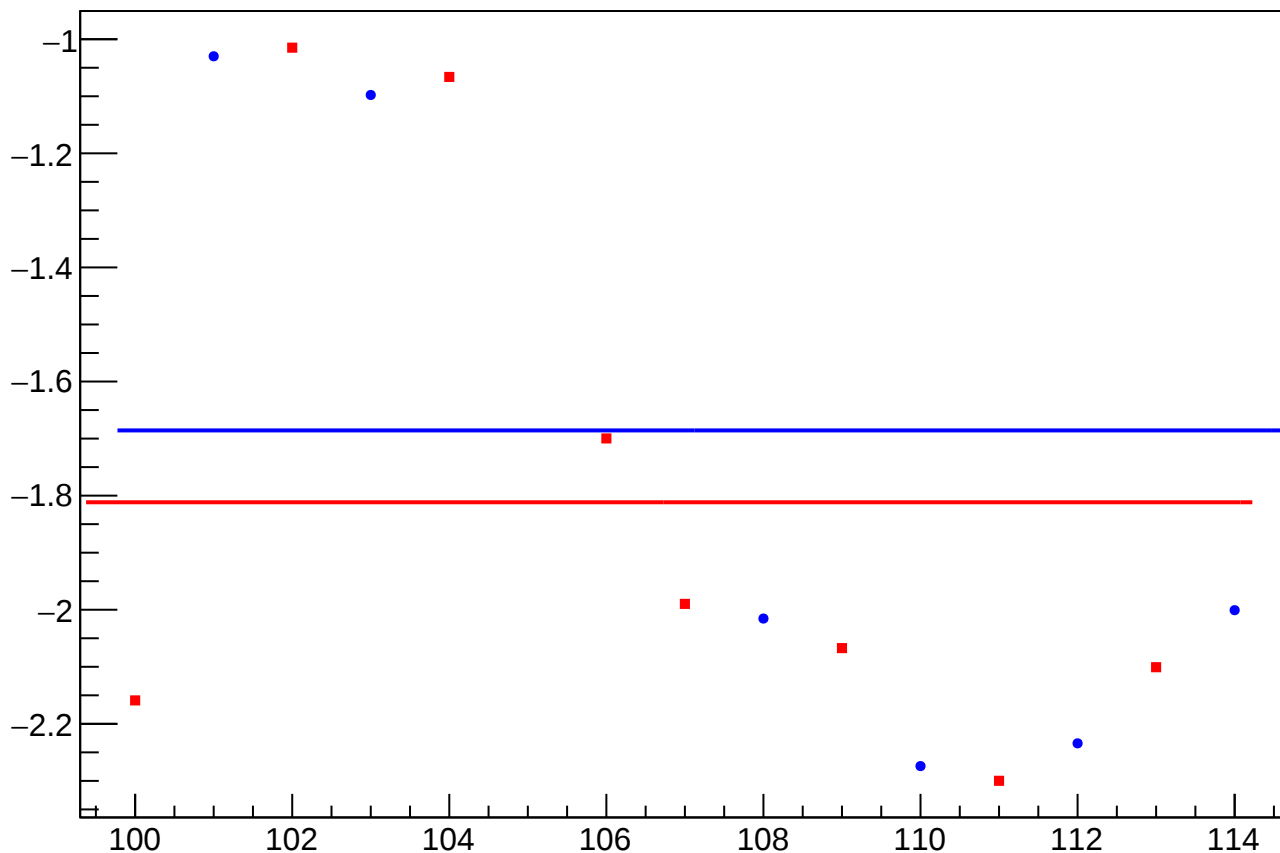
Right: 0.002+/-0.000 χ^2/NDF : 44572.5/13

In: 0.002+/-0.000 χ^2/NDF : 22205.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 44572.5/13

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.686+/-0.000 χ^2/NDF : 14850690800.3/5

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

Right Out: -1.812+/-0.000 χ^2/NDF : 16810797346.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

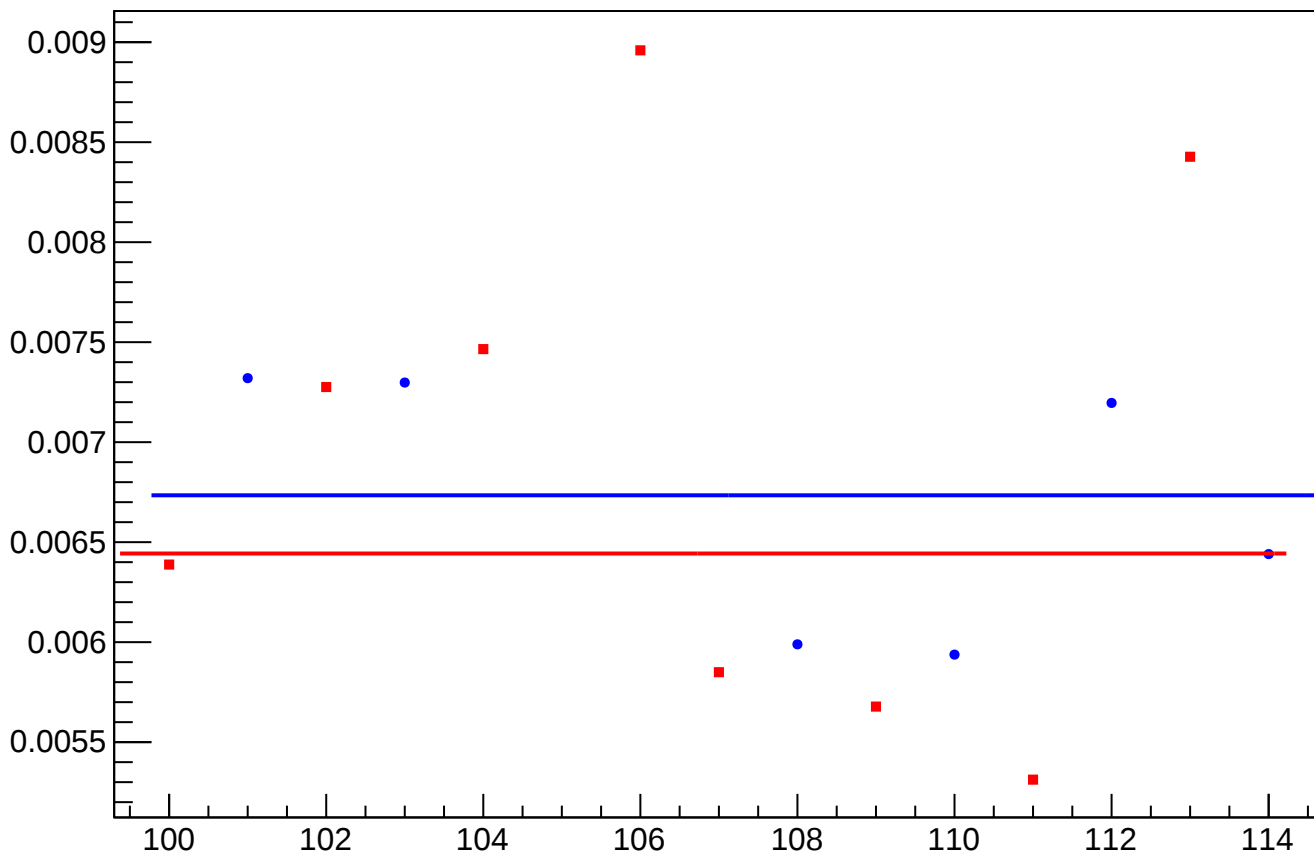
Right: -1.758+/-0.000 χ^2/NDF : 32120546415.1/13

In: -1.686+/-0.000 χ^2/NDF :14850690800.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.758+/-0.000 χ^2/NDF : 32120546415.1/13

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 40315.8/5

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

Right Out: 0.006+/-0.000 χ^2/NDF : 169935.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

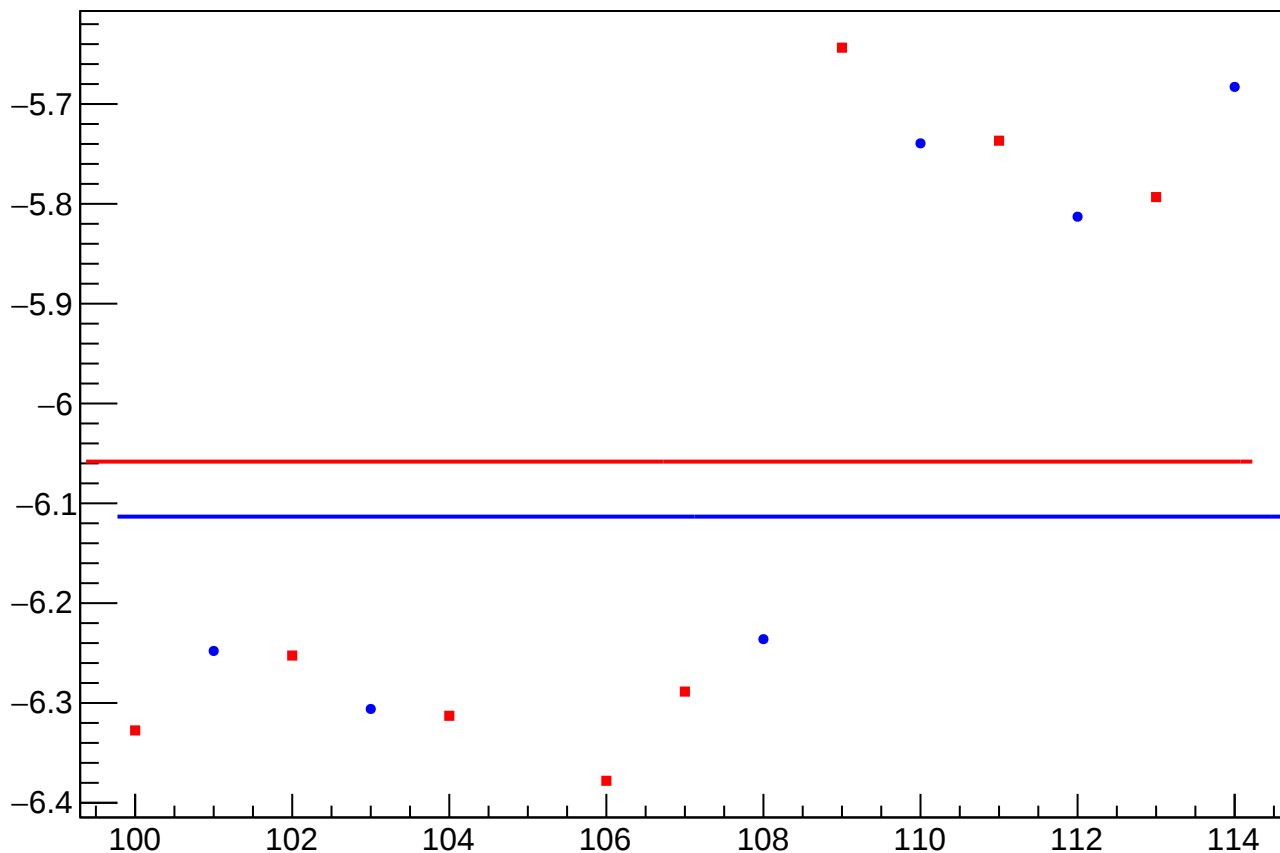
Right: 0.007+/-0.000 χ^2/NDF : 215153.6/13

In: 0.007+/-0.000 χ^2/NDF :40315.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 215153.6/13

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -6.113+/-0.000 χ^2/NDF : 4139649319.1/5

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

Right Out: -6.058+/-0.000 χ^2/NDF : 7862913076.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

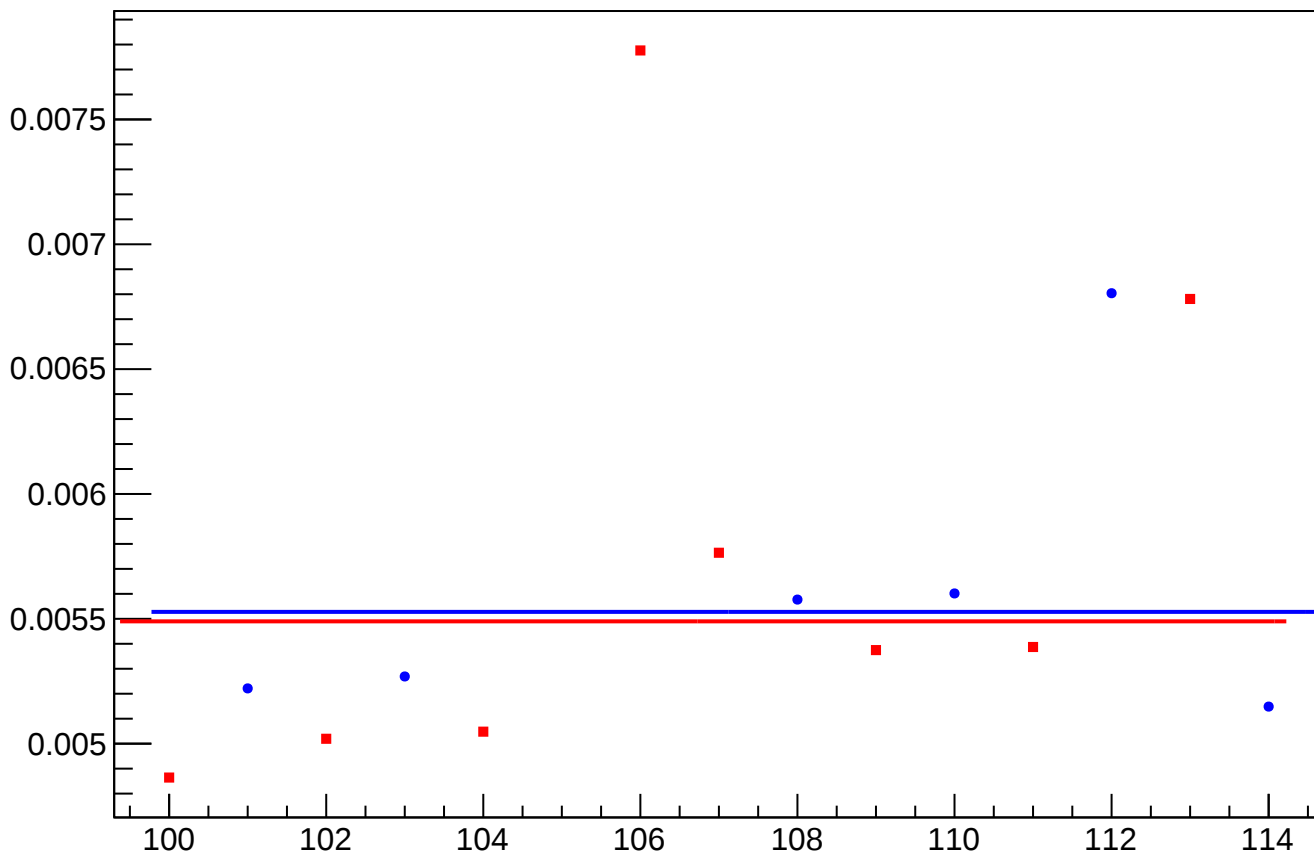
Right: -6.082+/-0.000 χ^2/NDF : 12128806278.4/13

In: -6.113+/-0.000 χ^2/NDF :4139649319.1/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.082+/-0.000 χ^2/NDF : 12128806278.4/13

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 37442.3/5

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

Right Out: 0.005+/-0.000 χ^2/NDF : 91439.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

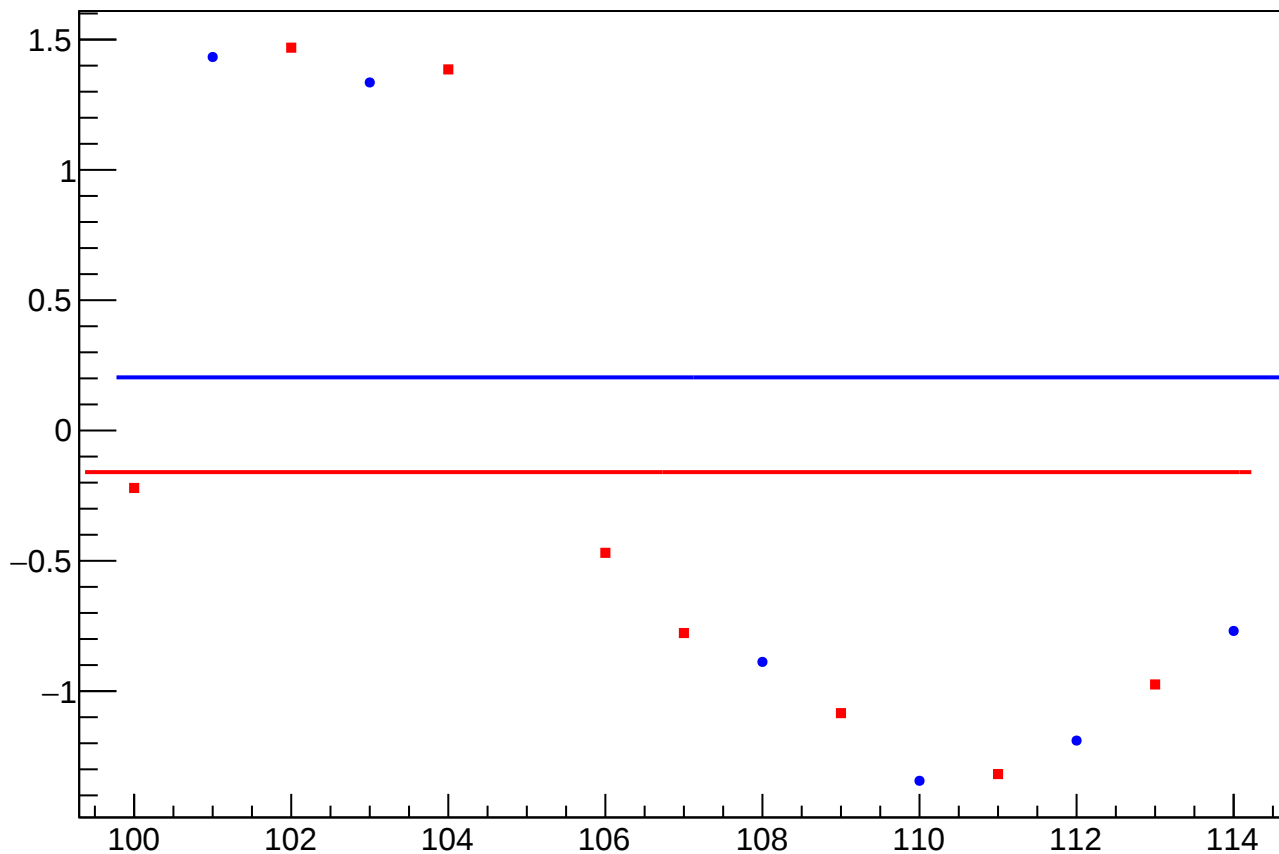
Right: 0.006+/-0.000 χ^2/NDF : 129001.5/13

In: 0.006+/-0.000 χ^2/NDF :37442.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 129001.5/13

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 0.204 $\pm$ 0.000 χ^2 /NDF: 15196942680.6/5

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

Right Out: -0.160 $\pm$ 0.000 χ^2 /NDF: 19023477713.3/7

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

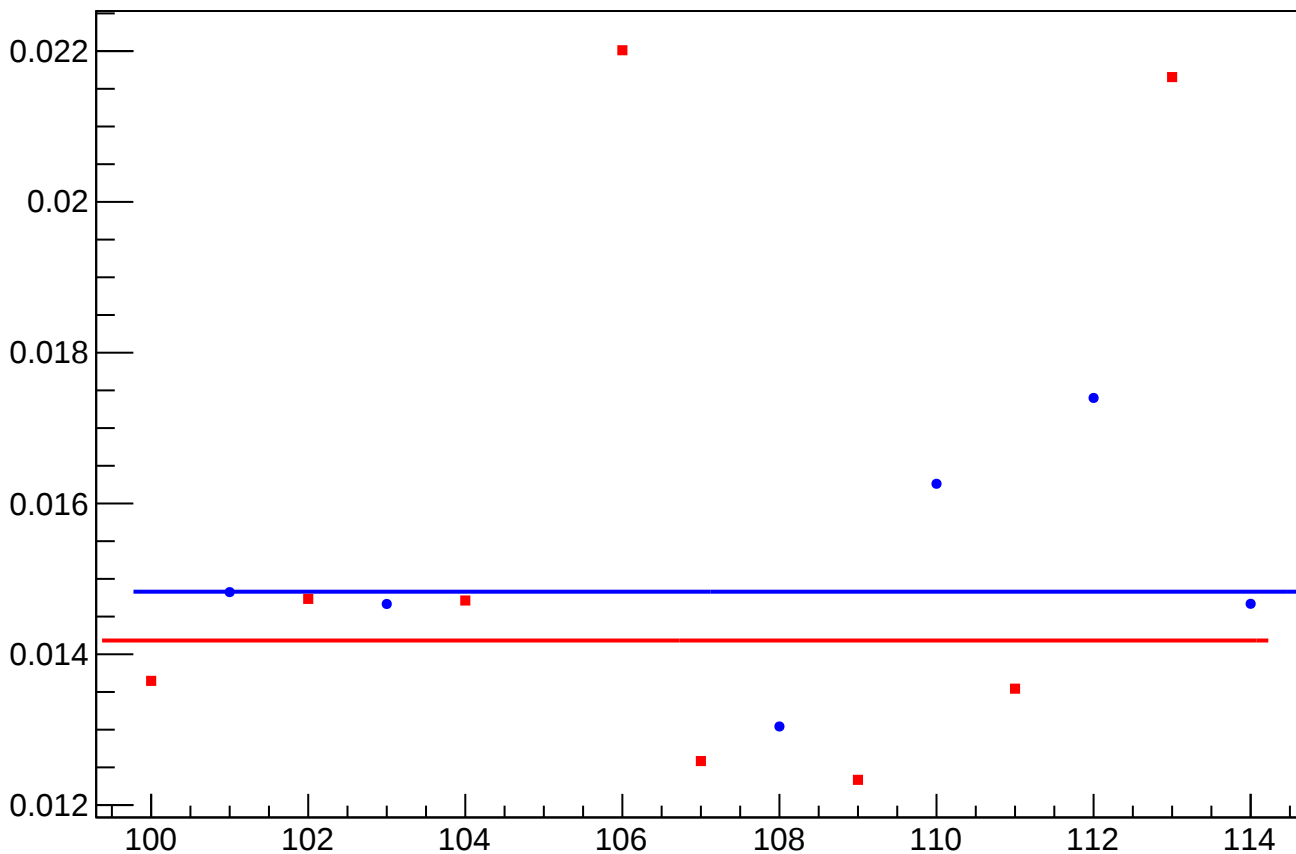
Right: -0.006 $\pm$ 0.000 χ^2 /NDF: 34992643846.4/13

In: 0.204 $\pm$ 0.000 χ^2 /NDF:15196942680.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.000 χ^2 /NDF: 34992643846.4/13

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 33605.6/5

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

Right Out: 0.014+/-0.000 χ^2/NDF : 163144.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

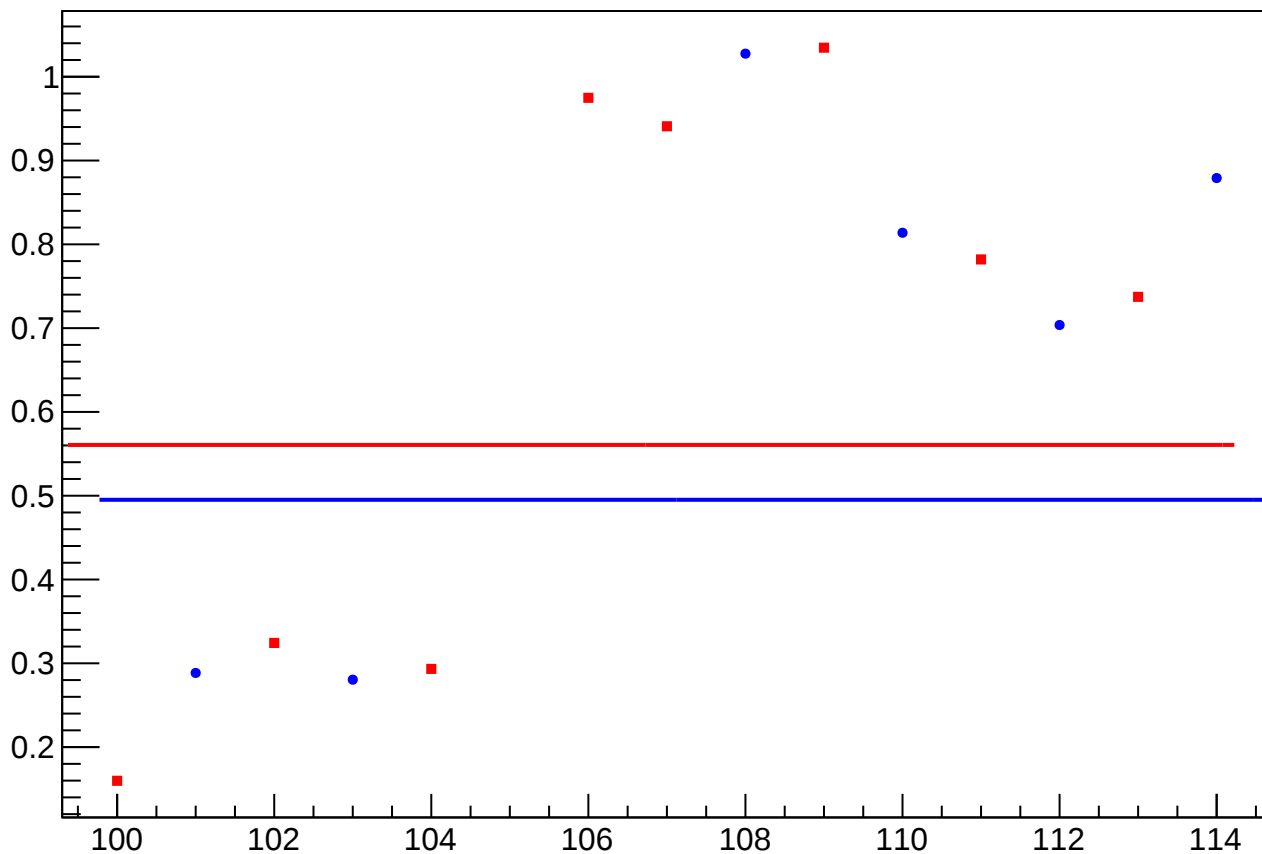
Right: 0.014+/-0.000 χ^2/NDF : 201646.1/13

In: 0.015+/-0.000 χ^2/NDF : 33605.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 201646.1/13

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.495+/-0.000 χ^2/NDF : 3304627537.2/5

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

Right Out: 0.561+/-0.000 χ^2/NDF : 4473099731.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

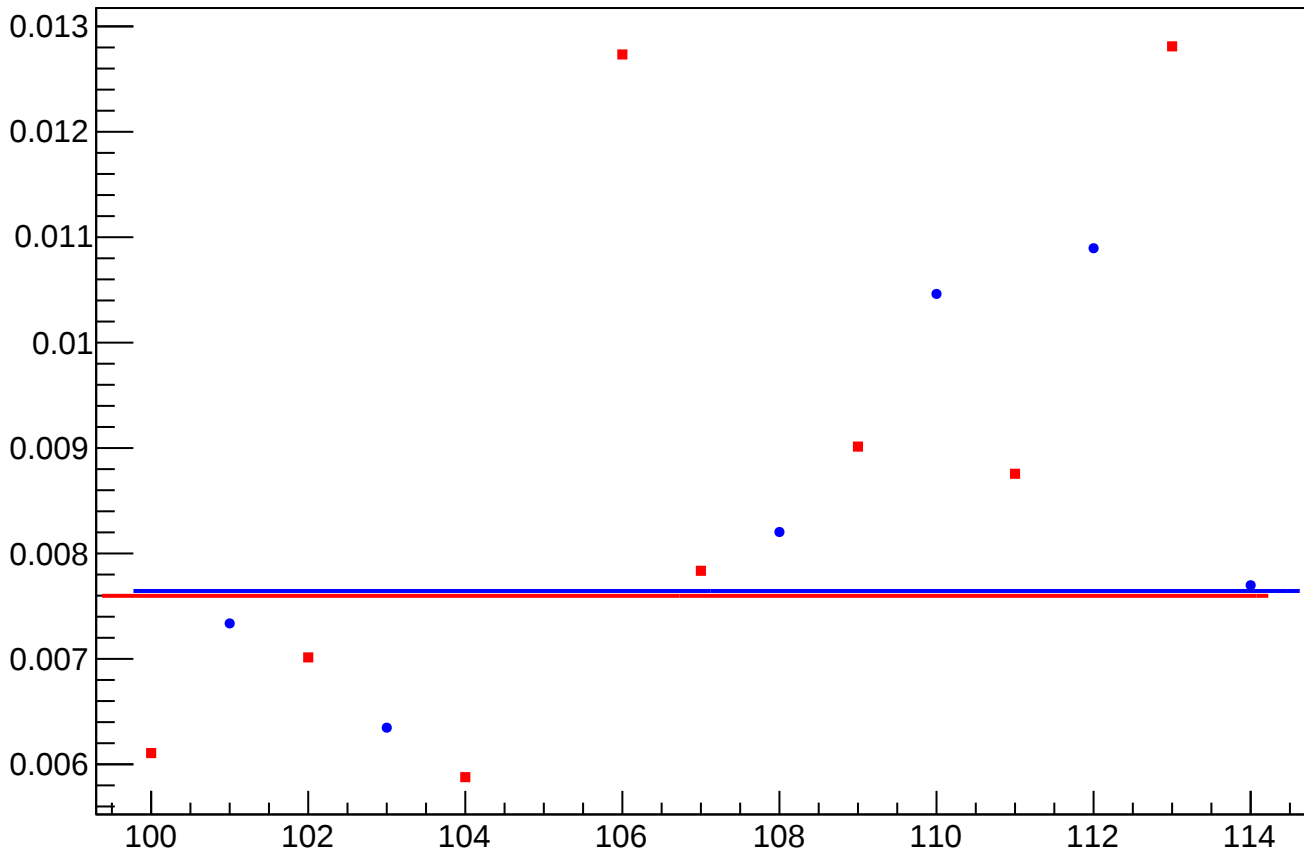
Right: 0.531+/-0.000 χ^2/NDF : 7865808225.2/13

In: 0.495+/-0.000 χ^2/NDF : 3304627537.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.531+/-0.000 χ^2/NDF : 7865808225.2/13

yield_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 159720.5/5

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

Right Out: 0.008+/-0.000 χ^2/NDF : 303265.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

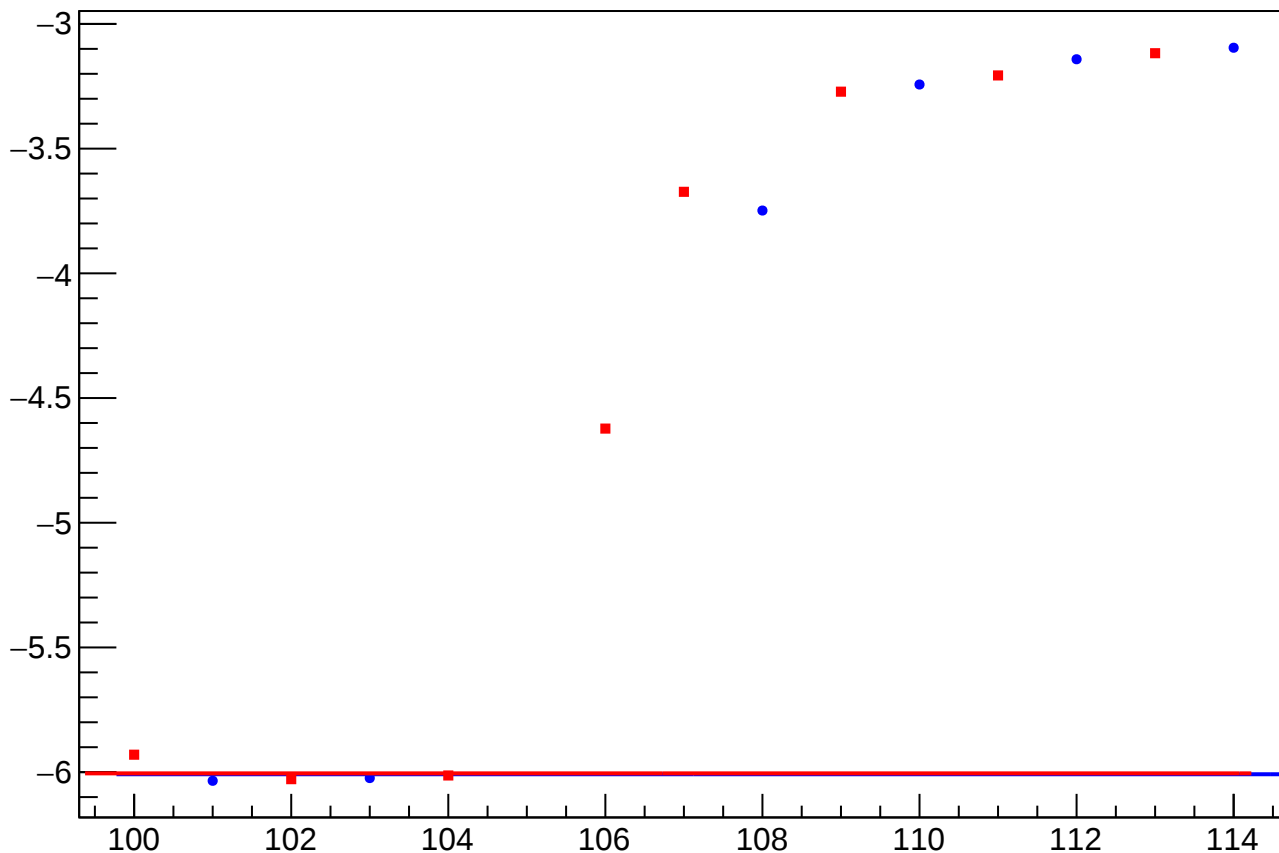
Right: 0.008+/-0.000 χ^2/NDF : 463073.3/13

In: 0.008+/-0.000 χ^2/NDF : 159720.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 463073.3/13

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -6.008+/-0.000 χ^2/NDF : 2274642524.6/5

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

Right Out: -6.005+/-0.000 χ^2/NDF : 1450104470.5/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

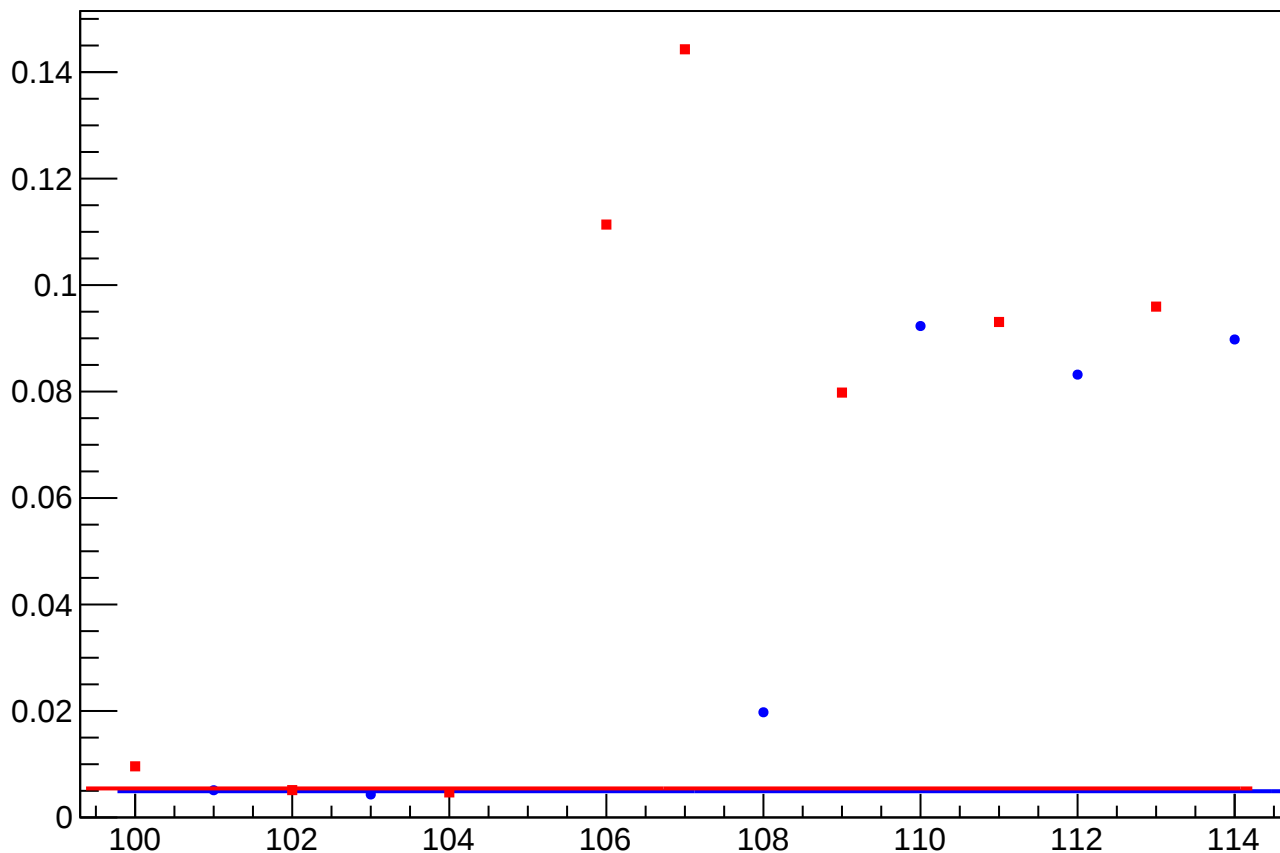
Right: -6.007+/-0.000 χ^2/NDF : 3725007240.2/13

In: -6.008+/-0.000 χ^2/NDF :2274642524.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.007+/-0.000 χ^2/NDF : 3725007240.2/13

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1642054.8/5

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

Right Out: 0.005+/-0.000 χ^2/NDF : 3437032.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

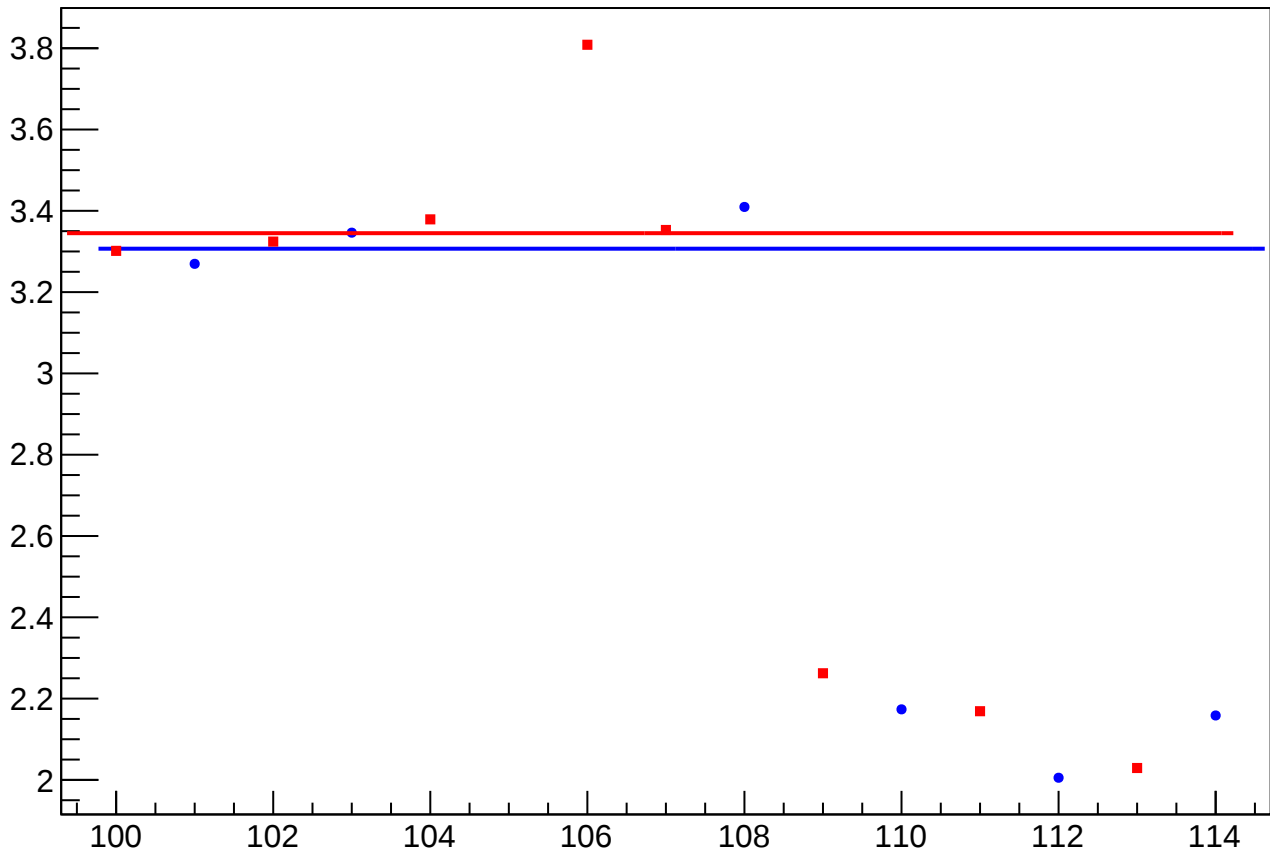
Right: 0.005+/-0.000 χ^2/NDF : 5090340.1/13

In: 0.005+/-0.000 χ^2/NDF : 1642054.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 5090340.1/13

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.307 $\pm$ 0.000 χ^2 /NDF: 204140571.3/5

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

Right Out: 3.345 $\pm$ 0.000 χ^2 /NDF: 246504634.7/7

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

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

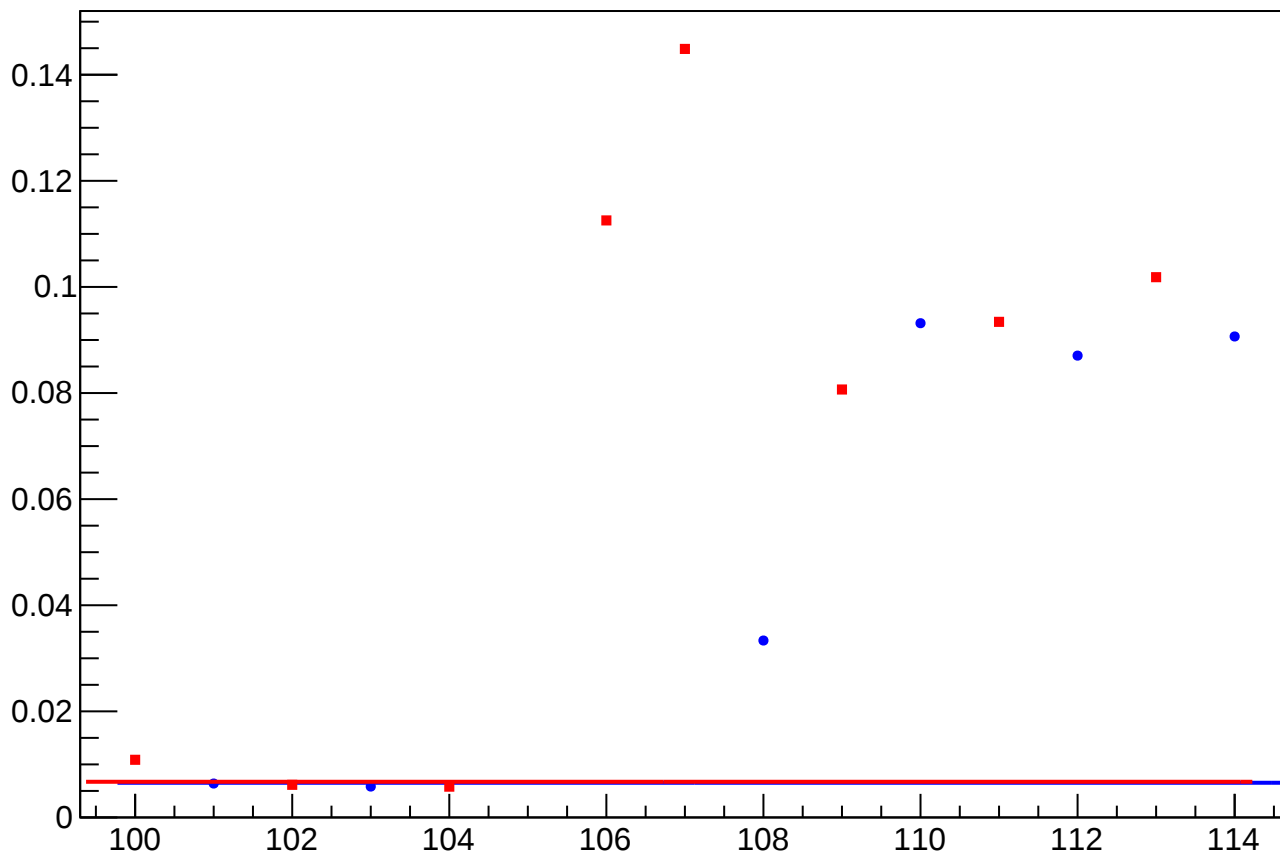
Right: 3.325 $\pm$ 0.000 χ^2 /NDF: 470181305.4/13

In: 3.307 $\pm$ 0.000 χ^2 /NDF:204140571.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.325 $\pm$ 0.000 χ^2 /NDF: 470181305.4/13

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 1675336.7/5

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

Right Out: 0.007+/-0.000 χ^2/NDF : 3342922.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

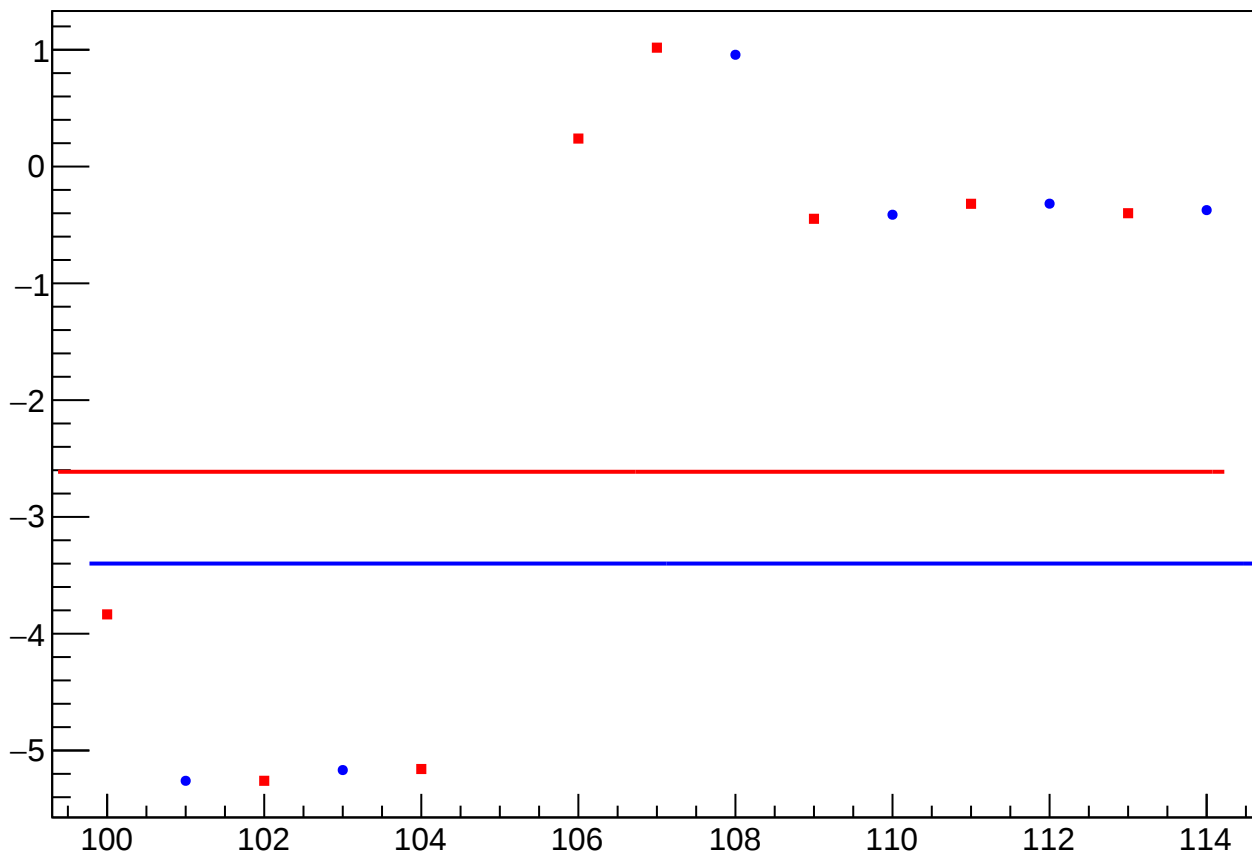
Right: 0.007+/-0.000 χ^2/NDF : 5019188.1/13

In: 0.007+/-0.000 χ^2/NDF :1675336.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 5019188.1/13

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -3.399+/-0.000 χ^2/NDF : 78568478295.6/5

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

Right Out: -2.613+/-0.000 χ^2/NDF : 100569602777.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

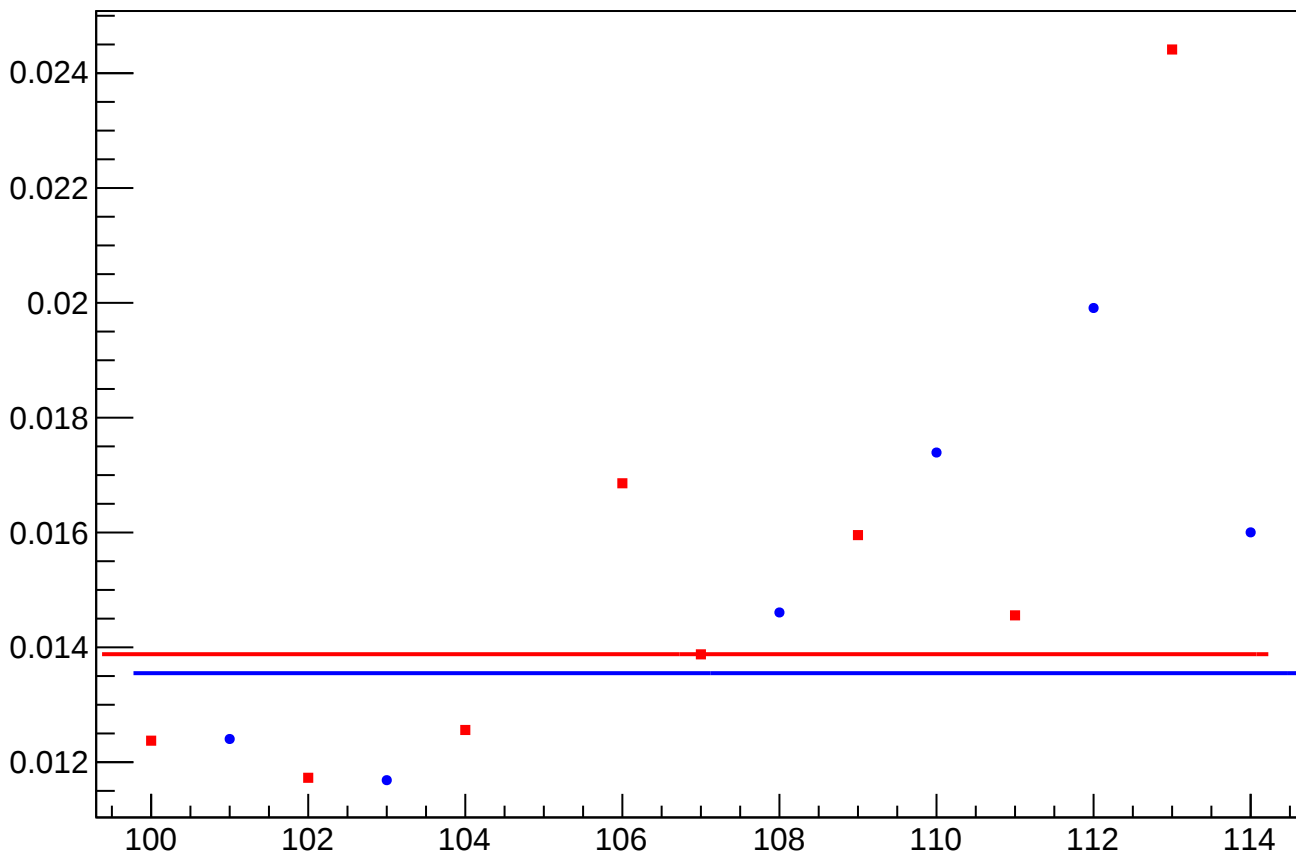
Right: -2.966+/-0.000 χ^2/NDF : 183133828964.4/13

In: -3.399+/-0.000 χ^2/NDF : 78568478295.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.966+/-0.000 χ^2/NDF : 183133828964.4

yield_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 145019.1/5

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

Right Out: 0.014+/-0.000 χ^2/NDF : 193723.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

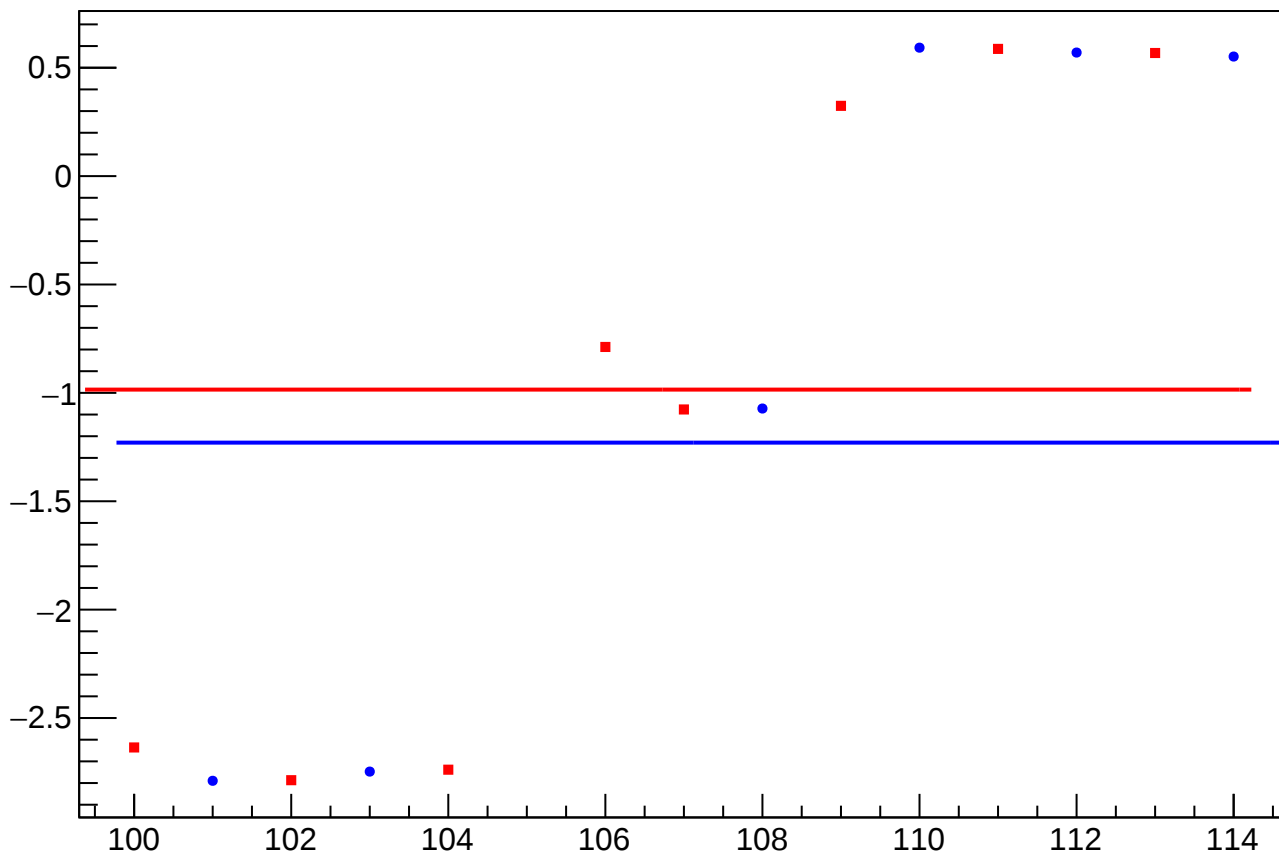
Right: 0.014+/-0.000 χ^2/NDF : 340156.7/13

In: 0.014+/-0.000 χ^2/NDF : 145019.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 340156.7/13

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -1.230+/-0.000 χ^2/NDF : 378607393095.1/5

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

Right Out: -0.985+/-0.000 χ^2/NDF : 465744258836.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

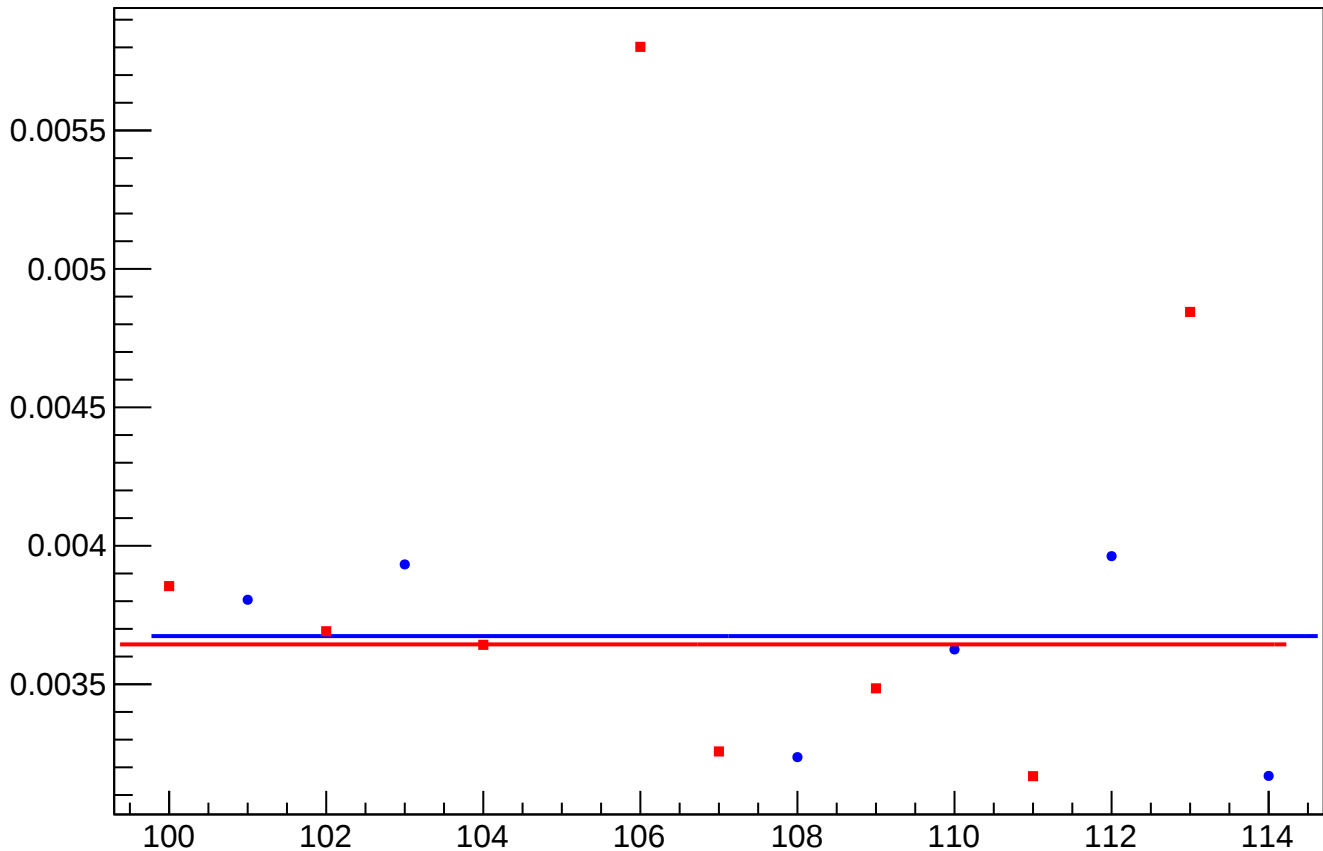
Right: -1.092+/-0.000 χ^2/NDF : 850139462362.1/13

In: -1.230+/-0.000 χ^2/NDF : 378607393095.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.092+/-0.000 χ^2/NDF : 850139462362.1/13

yield_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 29854.1/5

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

Right Out: 0.004+/-0.000 χ^2/NDF : 152899.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

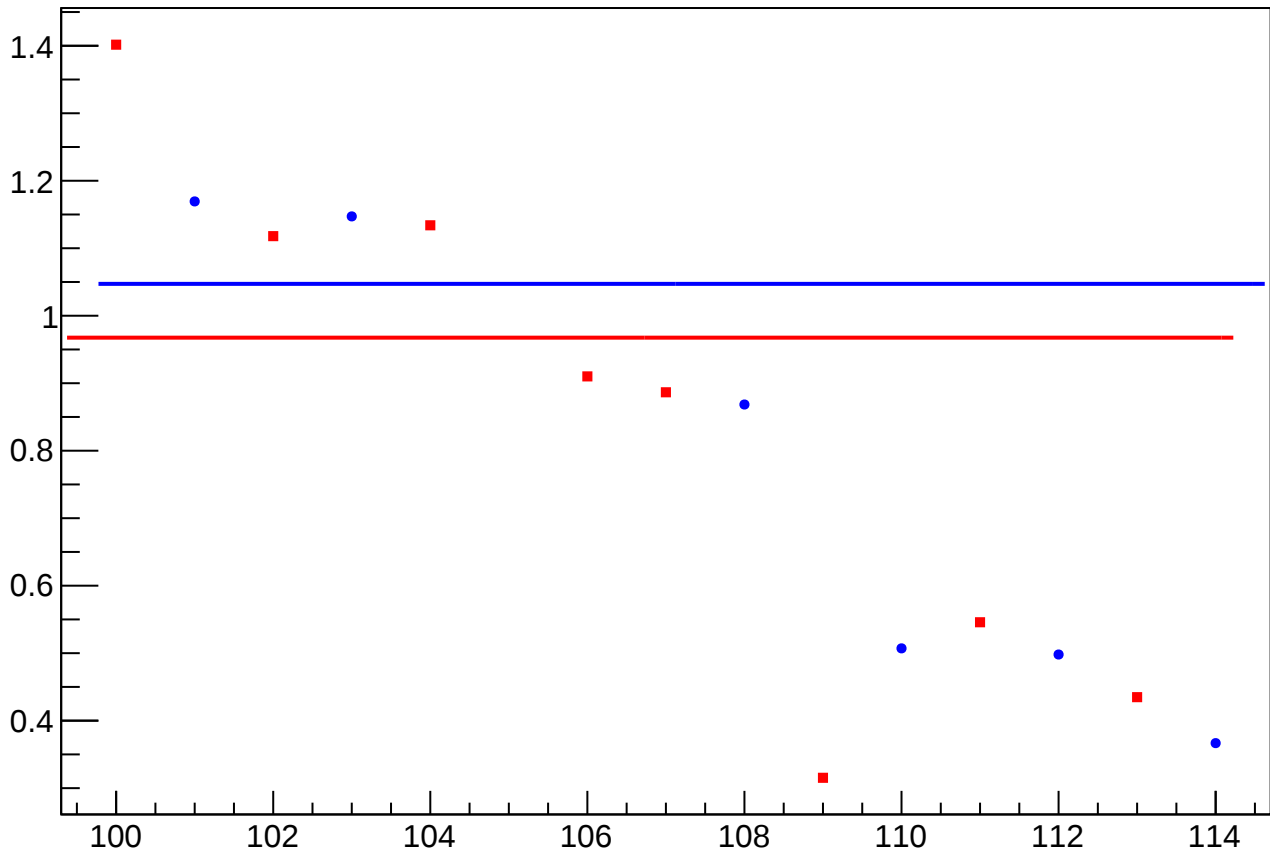
Right: 0.004+/-0.000 χ^2/NDF : 182926.9/13

In: 0.004+/-0.000 χ^2/NDF : 29854.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 182926.9/13

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 1.047+/-0.000 χ^2/NDF : 4411093549.7/5

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

Right Out: 0.968+/-0.000 χ^2/NDF : 7663301474.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

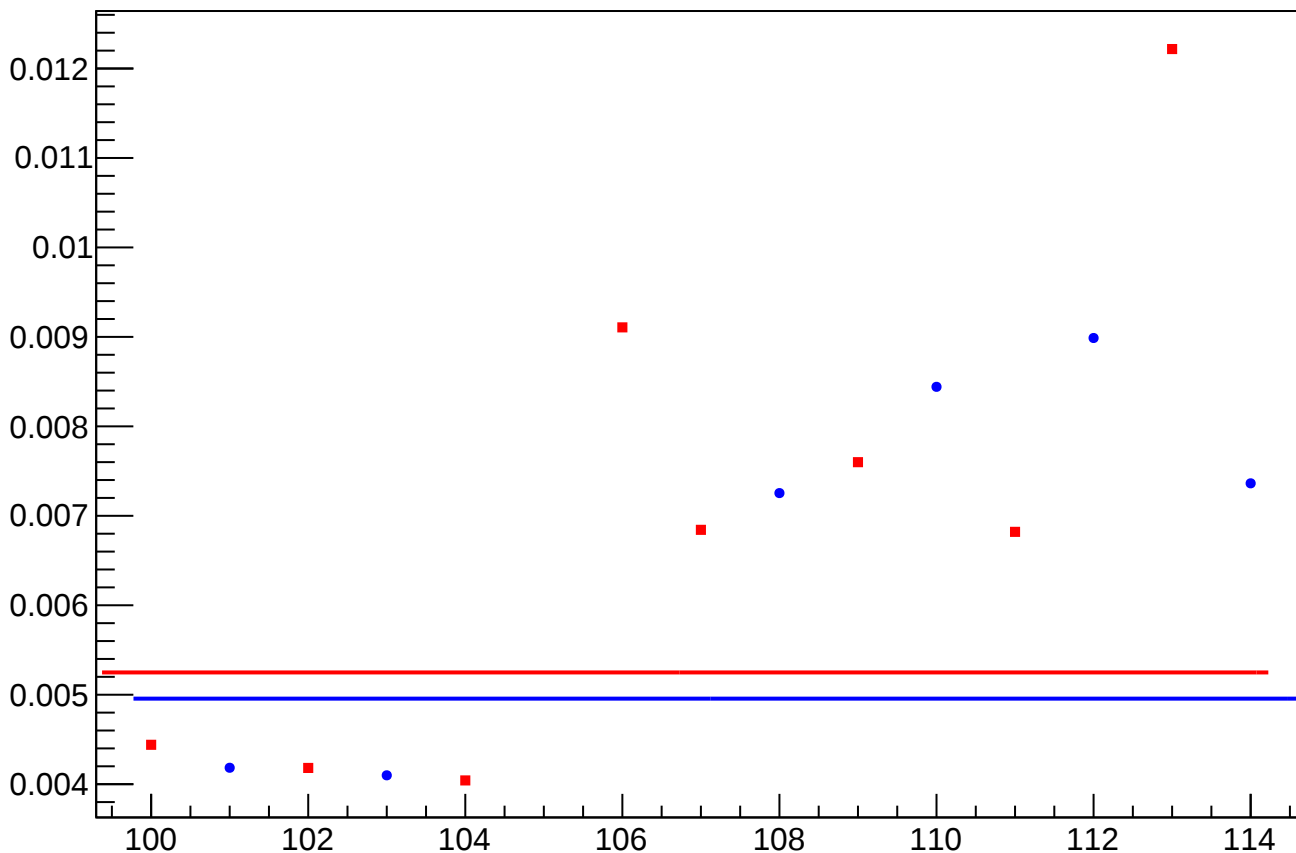
Right: 1.005+/-0.000 χ^2/NDF : 12348020903.5/13

In: 1.047+/-0.000 χ^2/NDF :4411093549.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.005+/-0.000 χ^2/NDF : 12348020903.5/13

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 423793.5/5

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

Right Out: 0.005+/-0.000 χ^2/NDF : 611107.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

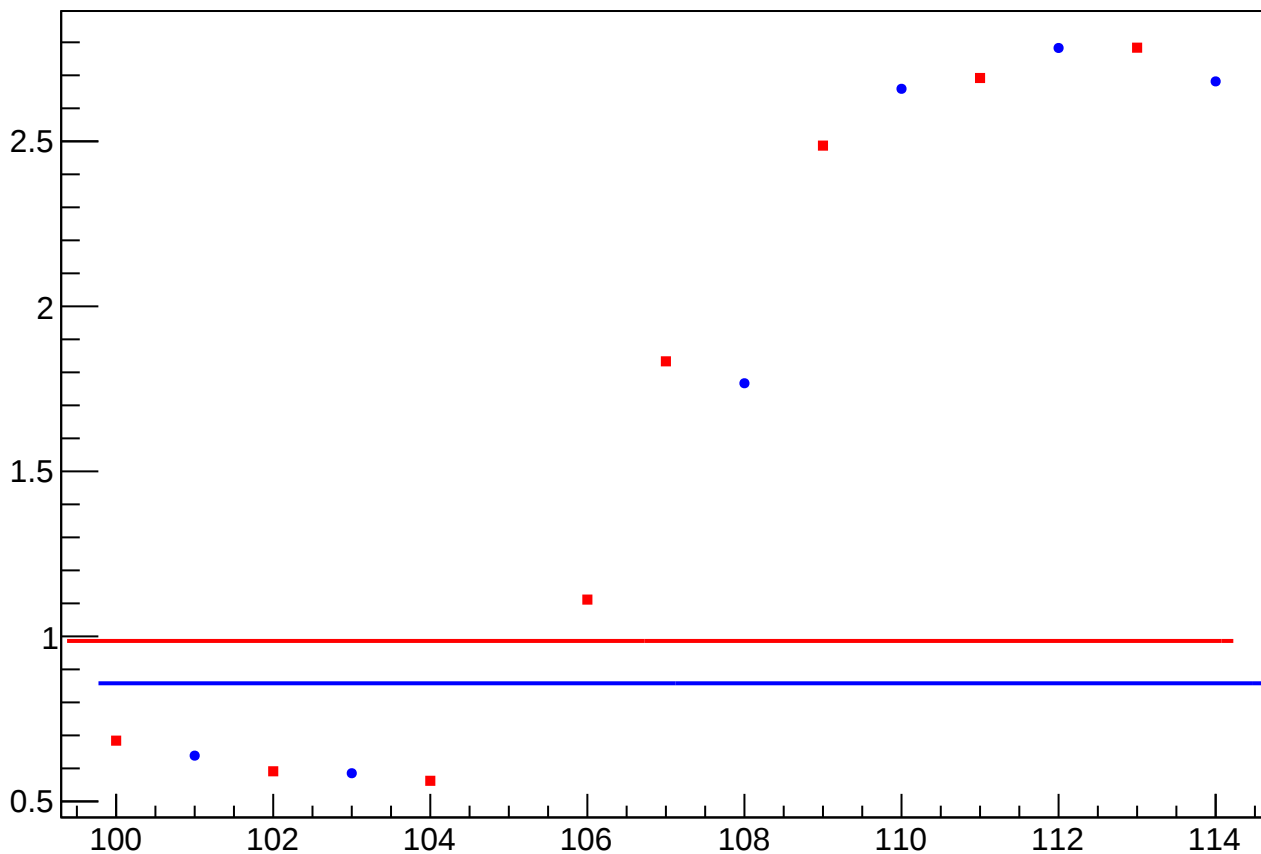
Right: 0.005+/-0.000 χ^2/NDF : 1042288.1/13

In: 0.005+/-0.000 χ^2/NDF :423793.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1042288.1/13

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 0.858+/-0.000

χ^2/NDF : 36445525974.5/5

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.925+/-0.000 χ^2/NDF : 95748501817.1/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.858+/-0.000 χ^2/NDF : 36445525974.5/5

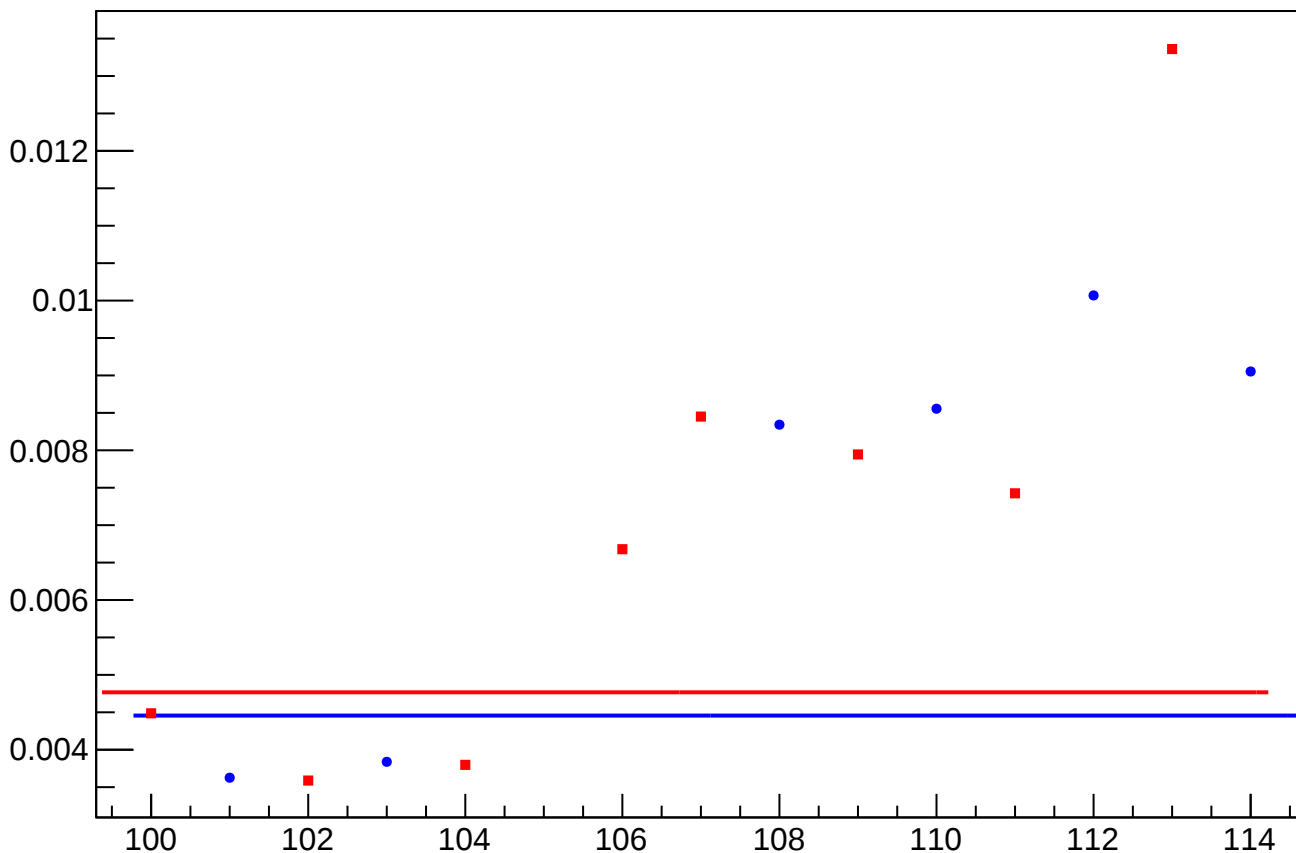
Right Out: 0.986+/-0.000 χ^2/NDF : 58505524022.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

All: 0.925+/-0.000 χ^2/NDF : 95748501817.1/13

yield_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 618182.3/5

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

Right Out: 0.005+/-0.000 χ^2/NDF : 795611.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

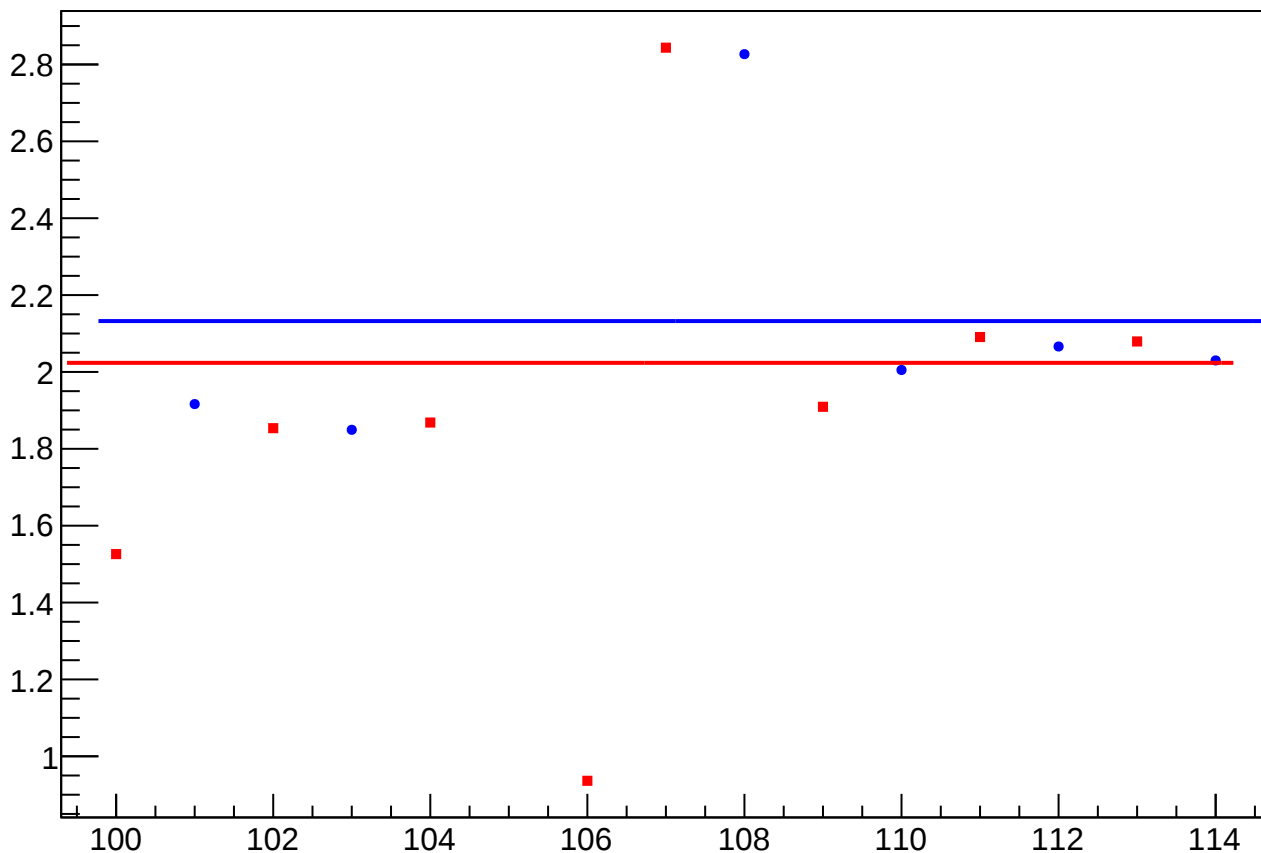
Right: 0.005+/-0.000 χ^2/NDF : 1423140.3/13

In: 0.004+/-0.000 χ^2/NDF : 618182.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1423140.3/13

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.132+/-0.000

χ^2/NDF : 5870813479.4/5

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 2.071+/-0.000 χ^2/NDF : 18694992136.8/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 2.132+/-0.000 χ^2/NDF : 5870813479.4/5

Right Out: 2.024+/-0.000 χ^2/NDF : 12506533915.0/7

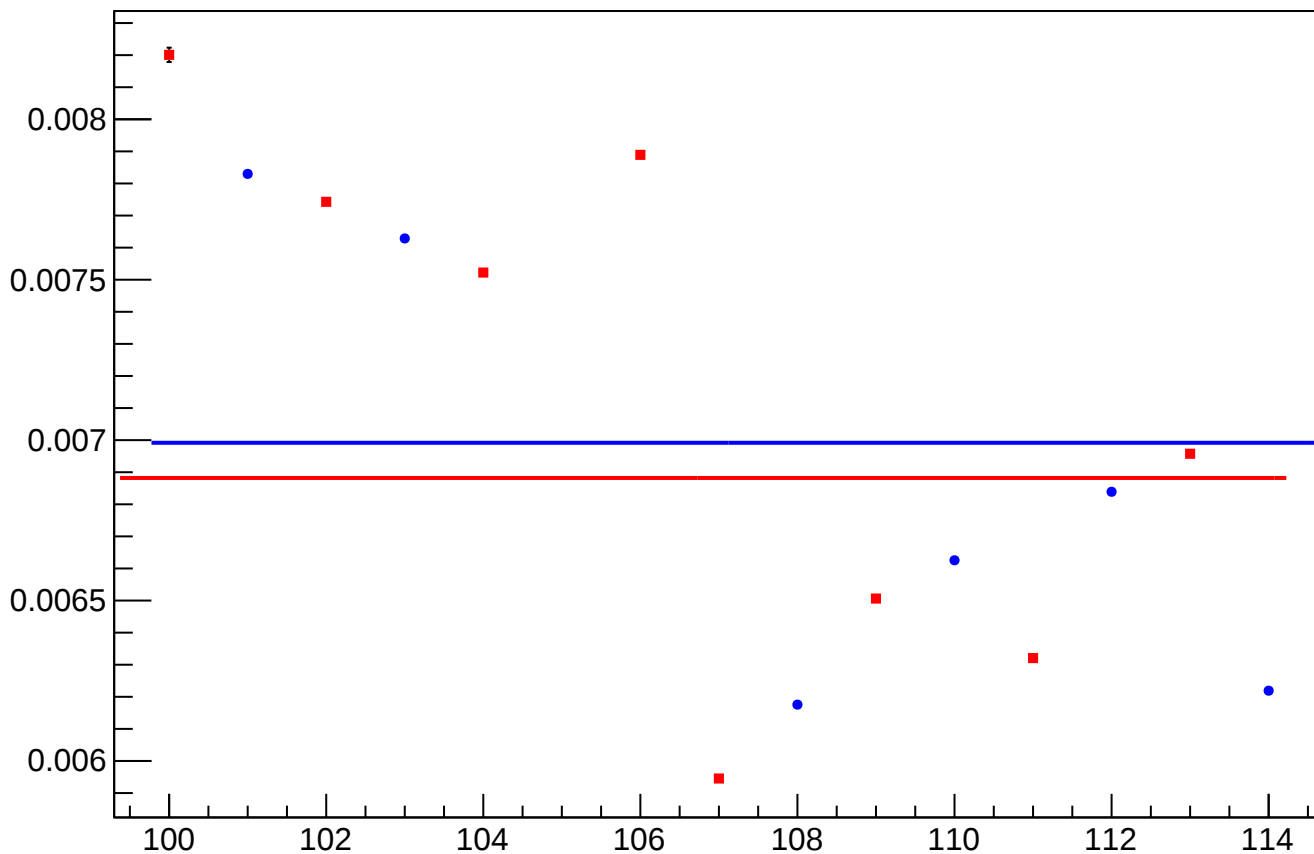
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 2.071+/-0.000 χ^2/NDF : 18694992136.8/13

yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 38477.0/5

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

Right Out: 0.007+/-0.000 χ^2/NDF : 59008.3/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

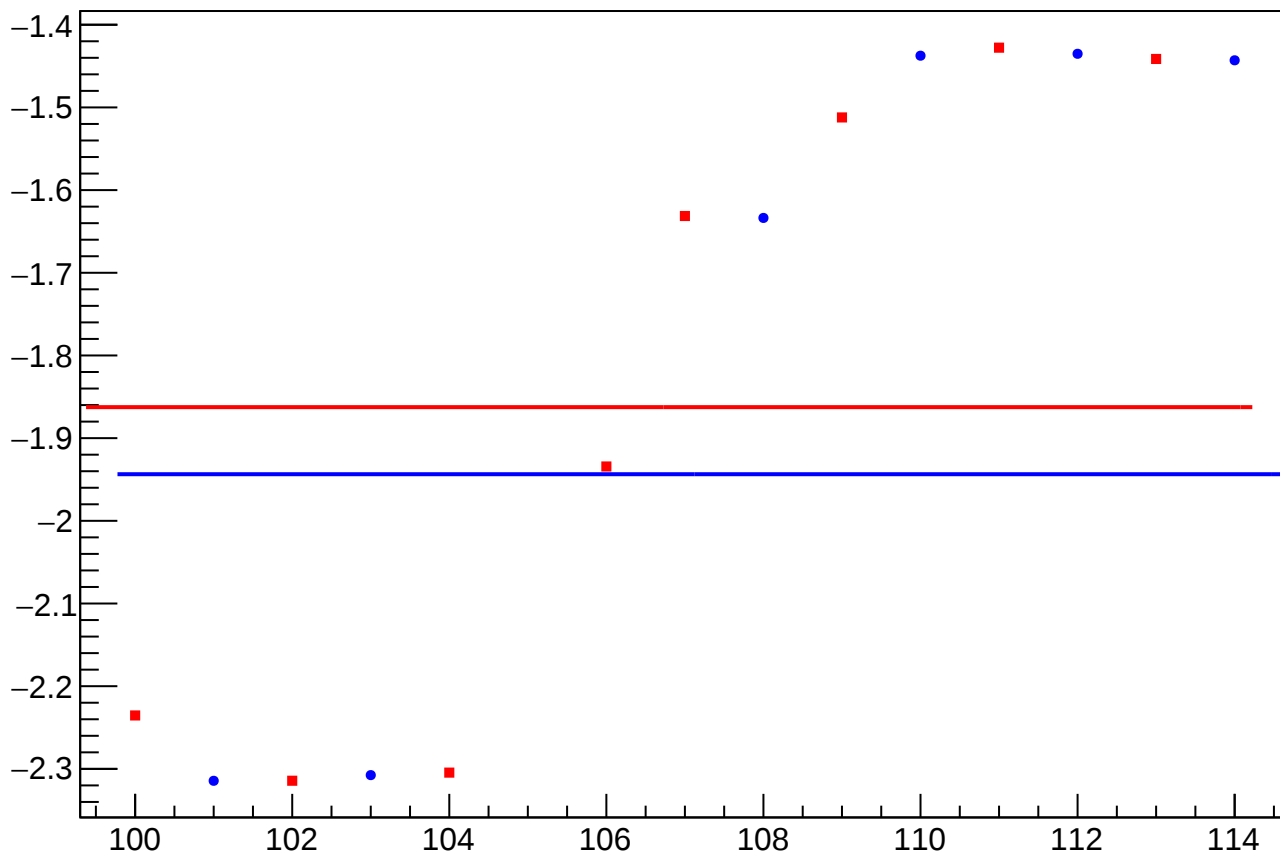
Right: 0.007+/-0.000 χ^2/NDF : 98131.9/13

In: 0.007+/-0.000 χ^2/NDF :38477.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 98131.9/13

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -1.944+/-0.000 χ^2/NDF : 58087839737.4/5

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

Right Out: -1.863+/-0.000 χ^2/NDF : 66296414437.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

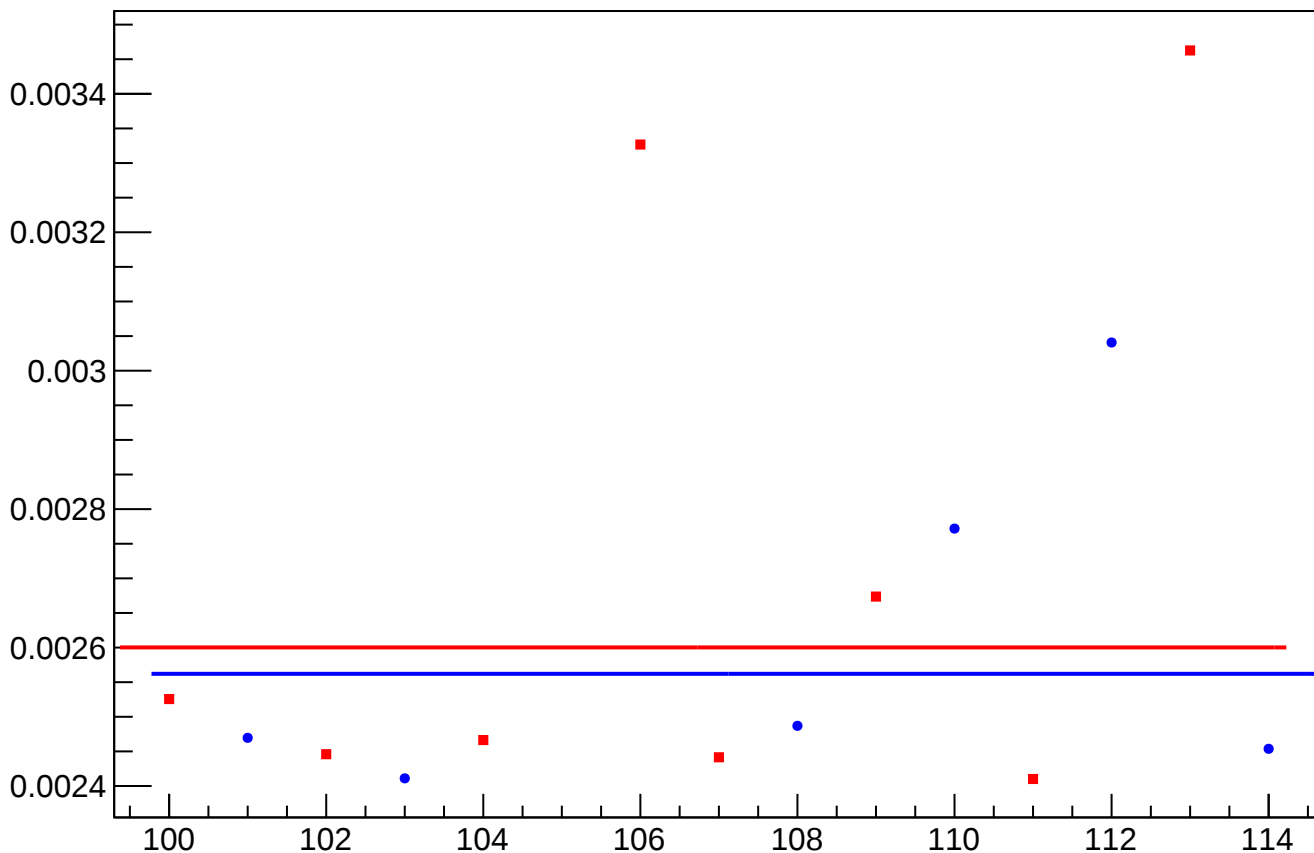
Right: -1.899+/-0.000 χ^2/NDF : 125670724922.5/13

In: -1.944+/-0.000 χ^2/NDF : 58087839737.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.899+/-0.000 χ^2/NDF : 125670724922.5/13

yield_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 31394.2/5

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

Right Out: 0.003+/-0.000 χ^2/NDF : 87037.3/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

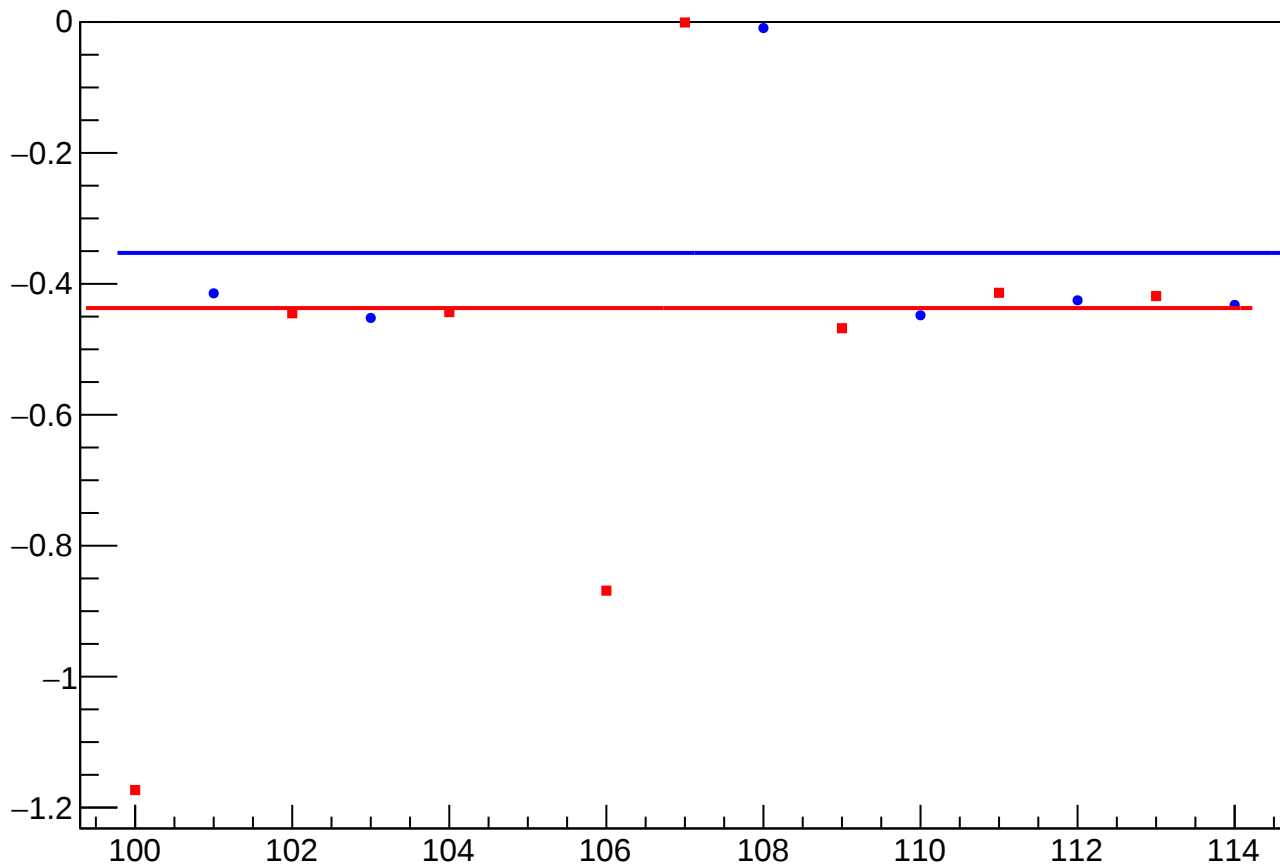
Right: 0.003+/-0.000 χ^2/NDF : 119000.2/13

In: 0.003+/-0.000 χ^2/NDF :31394.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 119000.2/13

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.353+/-0.000 χ^2/NDF : 503061124.5/5

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

Right Out: -0.437+/-0.000 χ^2/NDF : 1437189494.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

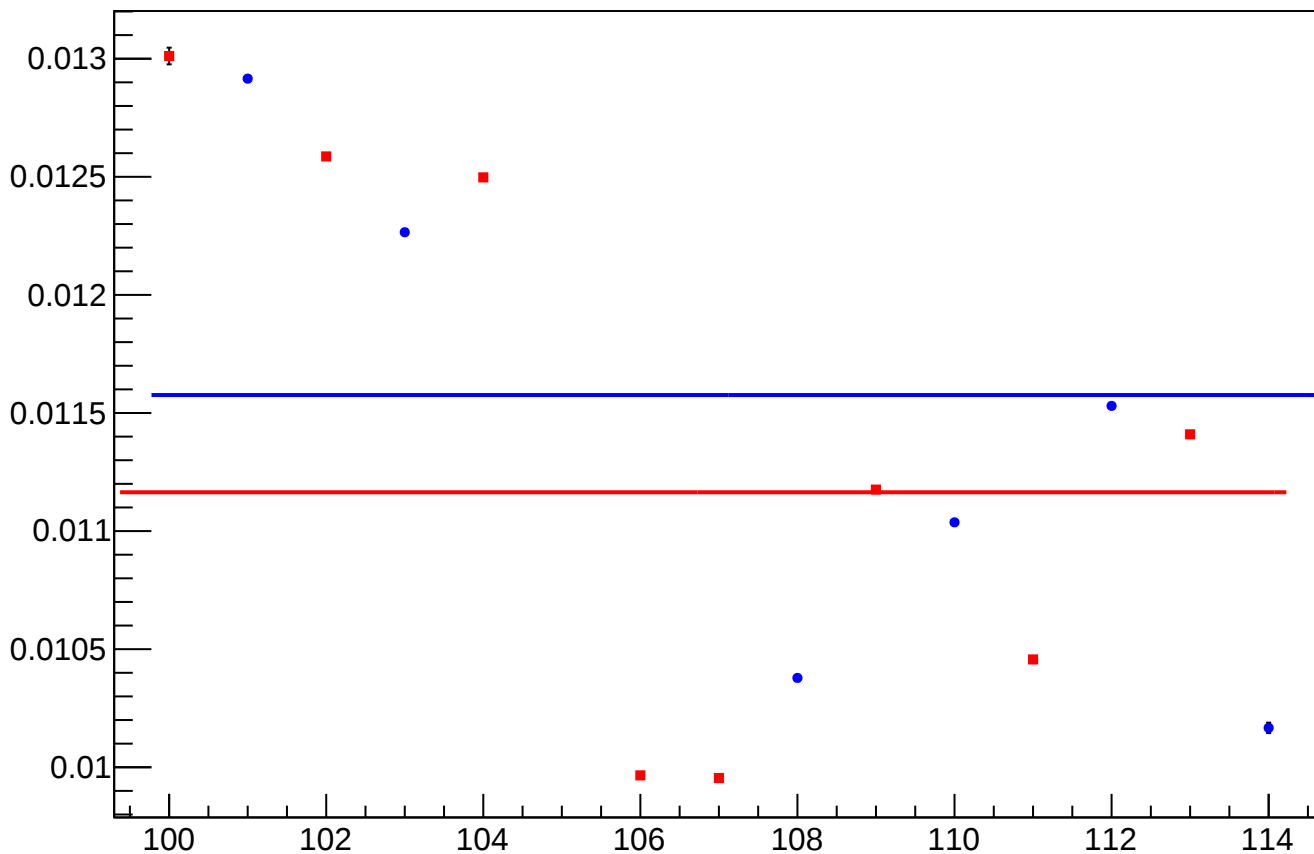
Right: -0.402+/-0.000 χ^2/NDF : 2013571010.6/13

In: -0.353+/-0.000 χ^2/NDF :503061124.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.402+/-0.000 χ^2/NDF : 2013571010.6/13

yield_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 31413.6/5

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

Right Out: 0.011+/-0.000 χ^2/NDF : 50270.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

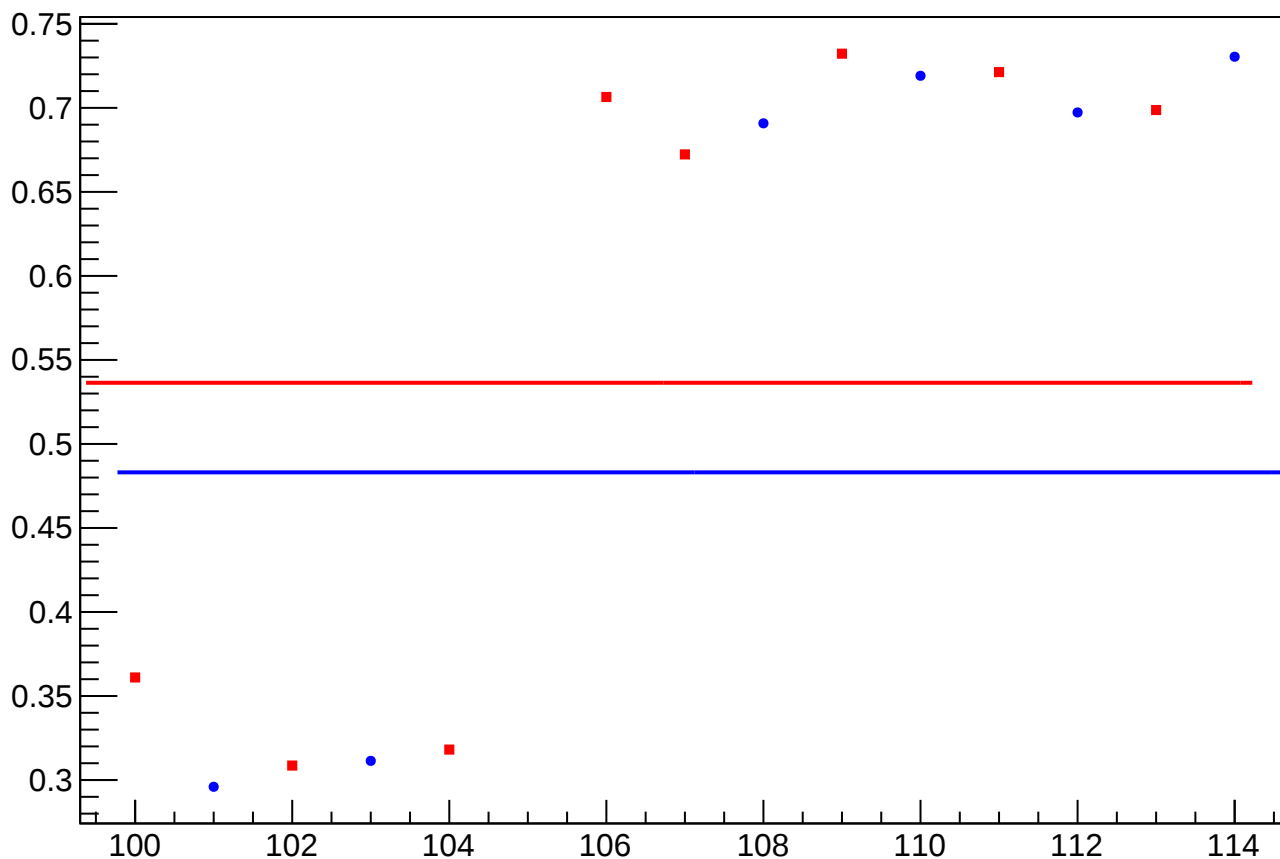
Right: 0.011+/-0.000 χ^2/NDF : 85185.5/13

In: 0.012+/-0.000 χ^2/NDF : 31413.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 85185.5/13

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.483+/-0.000

χ^2/NDF : 14180700735.7/5

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.512+/-0.000

χ^2/NDF : 30824187458.6/13

Right Out: 0.536+/-0.000

χ^2/NDF : 16096051204.3/7

In: 0.483+/-0.000

χ^2/NDF : 14180700735.7/5

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

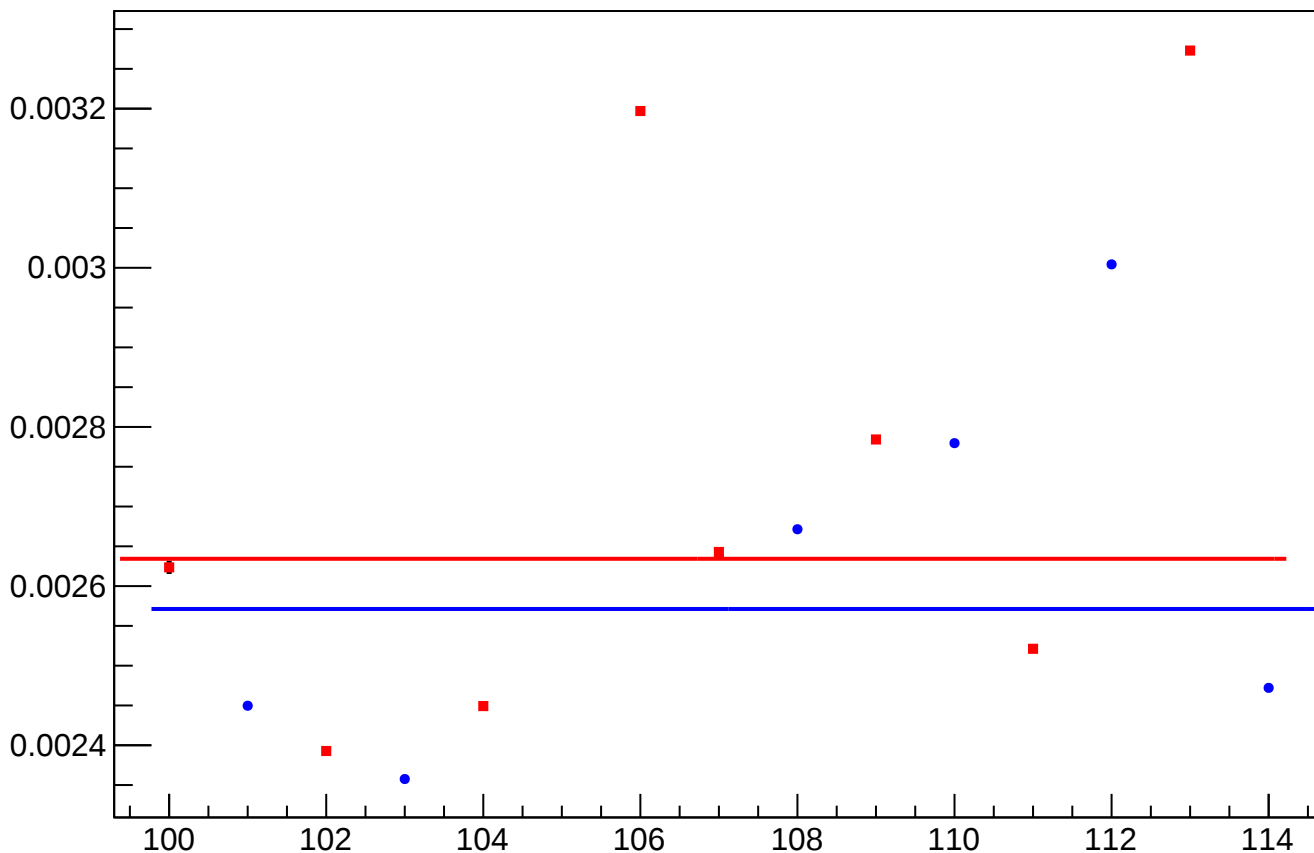
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.512+/-0.000

χ^2/NDF : 30824187458.6/13

yield_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 35411.2/5

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

Right Out: 0.003+/-0.000 χ^2/NDF : 64320.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

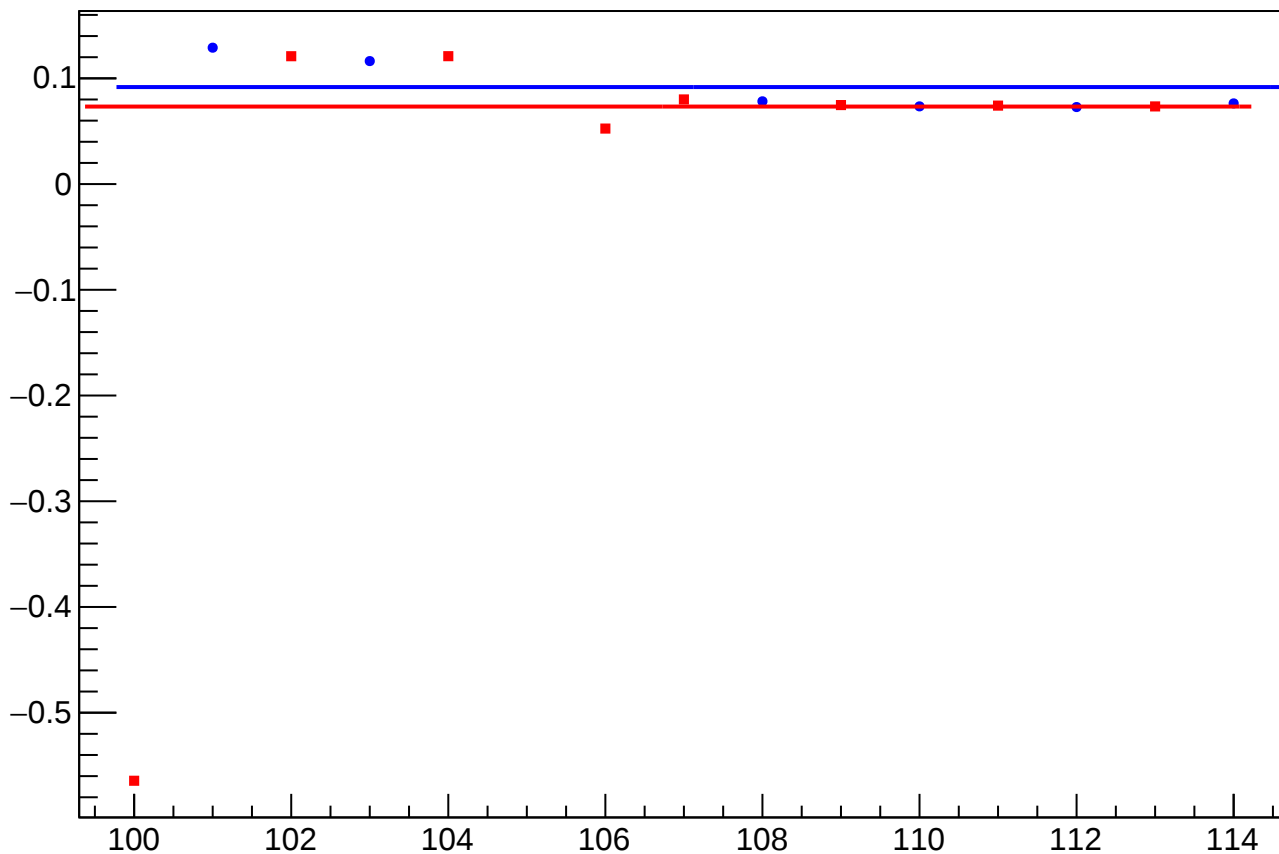
Right: 0.003+/-0.000 χ^2/NDF : 101264.0/13

In: 0.003+/-0.000 χ^2/NDF :35411.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 101264.0/13

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.092+/-0.000 χ^2/NDF : 12459520.7/5

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

Right Out: 0.073+/-0.000 χ^2/NDF : 219494247.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

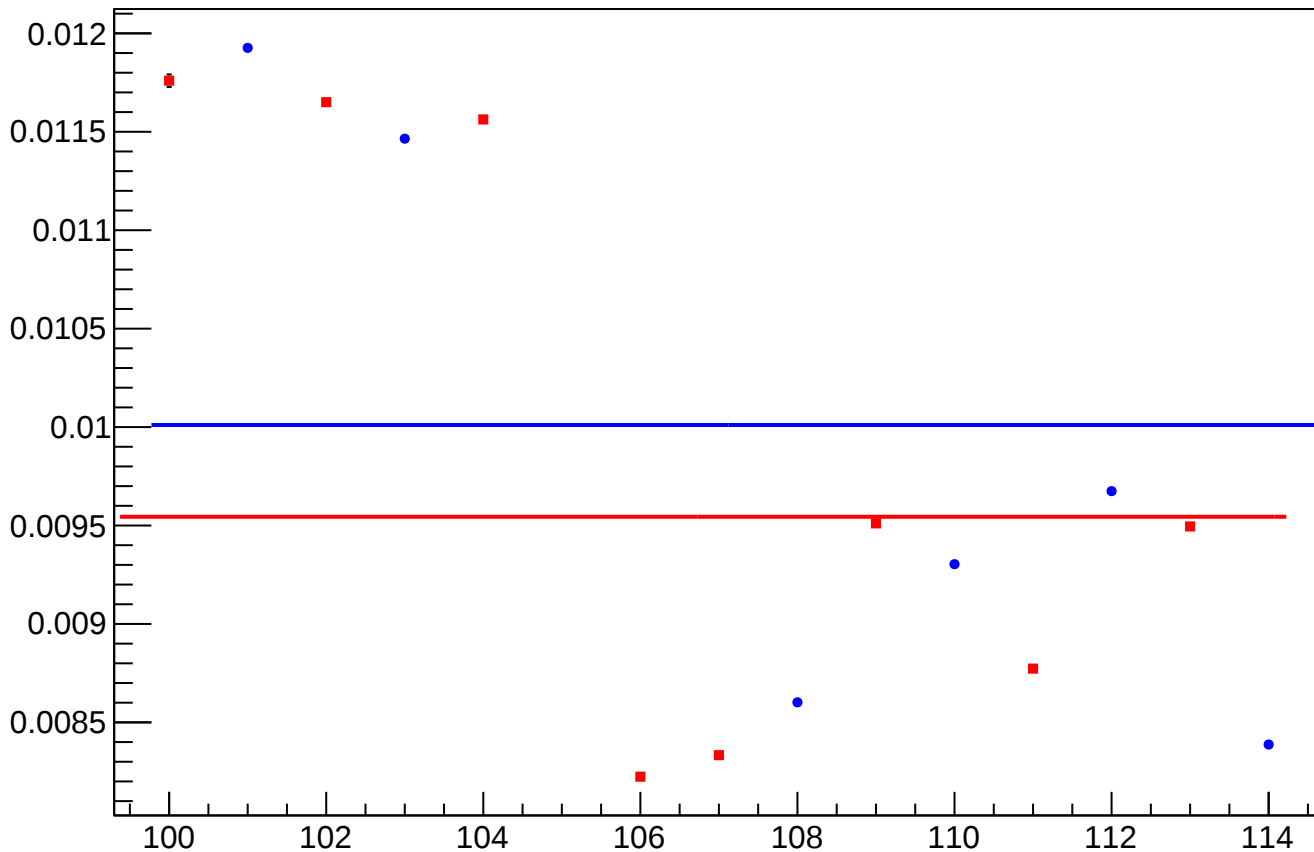
Right: 0.081+/-0.000 χ^2/NDF : 236647469.1/13

In: 0.092+/-0.000 χ^2/NDF : 12459520.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.081+/-0.000 χ^2/NDF : 236647469.1/13

yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 80287.9/5

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

Right Out: 0.010+/-0.000 χ^2/NDF : 105246.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

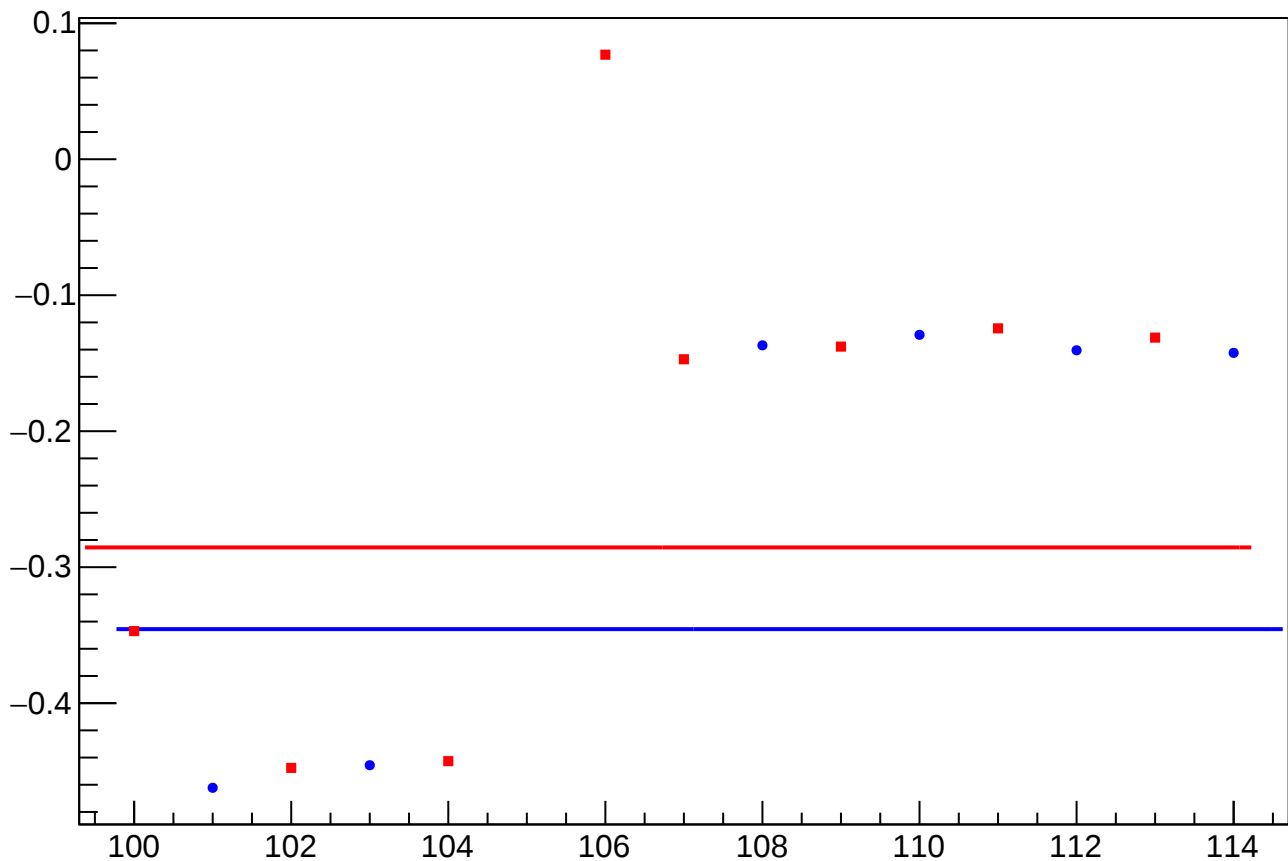
Right: 0.010+/-0.000 χ^2/NDF : 191535.4/13

In: 0.010+/-0.000 χ^2/NDF : 80287.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 191535.4/13

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.346+/-0.000 χ^2/NDF : 3048597504.1/5

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

Right Out: -0.285+/-0.000 χ^2/NDF : 4636979710.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

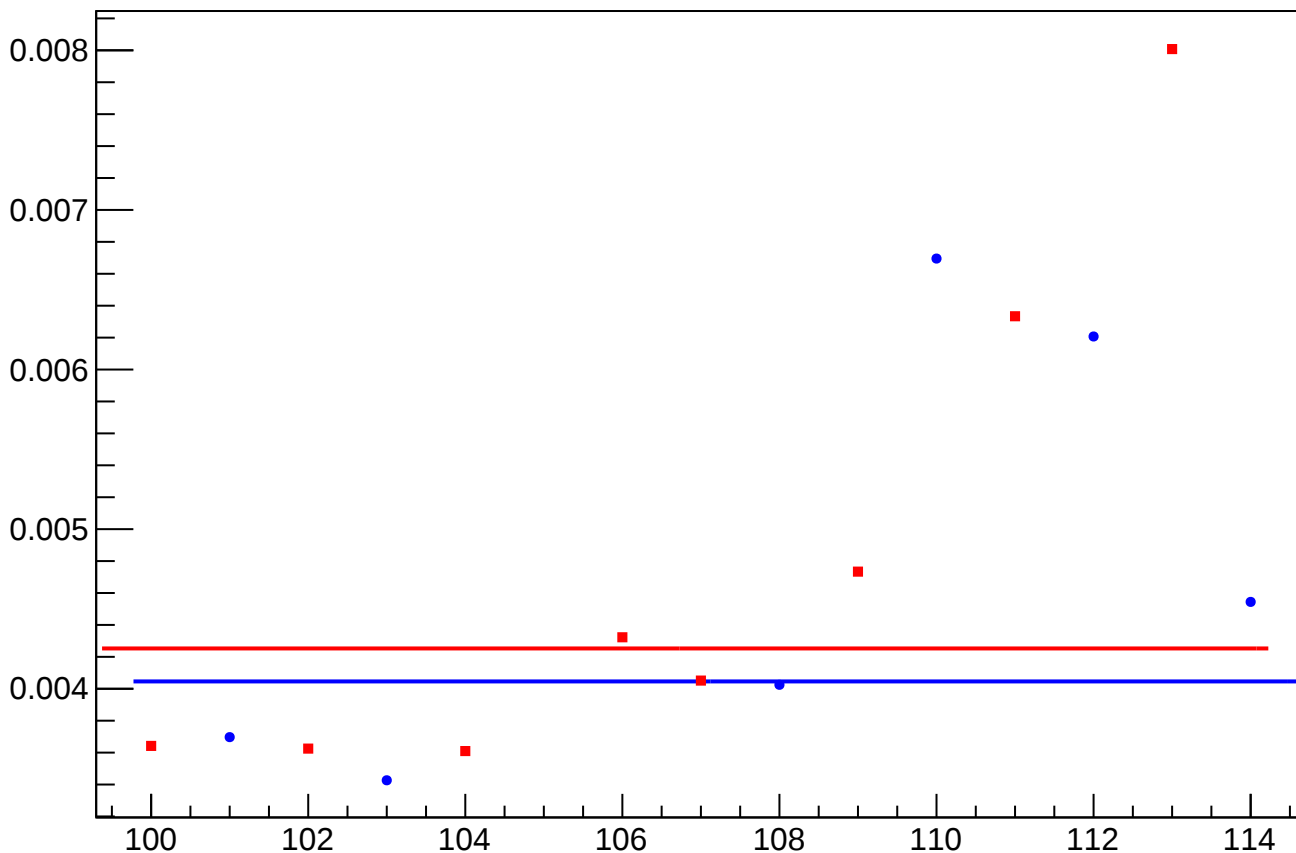
Right: -0.314+/-0.000 χ^2/NDF : 7943964480.5/13

In: -0.346+/-0.000 χ^2/NDF : 3048597504.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.314+/-0.000 χ^2/NDF : 7943964480.5/13

yield_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 248061.8/5

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

Right Out: 0.004+/-0.000 χ^2/NDF : 345336.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

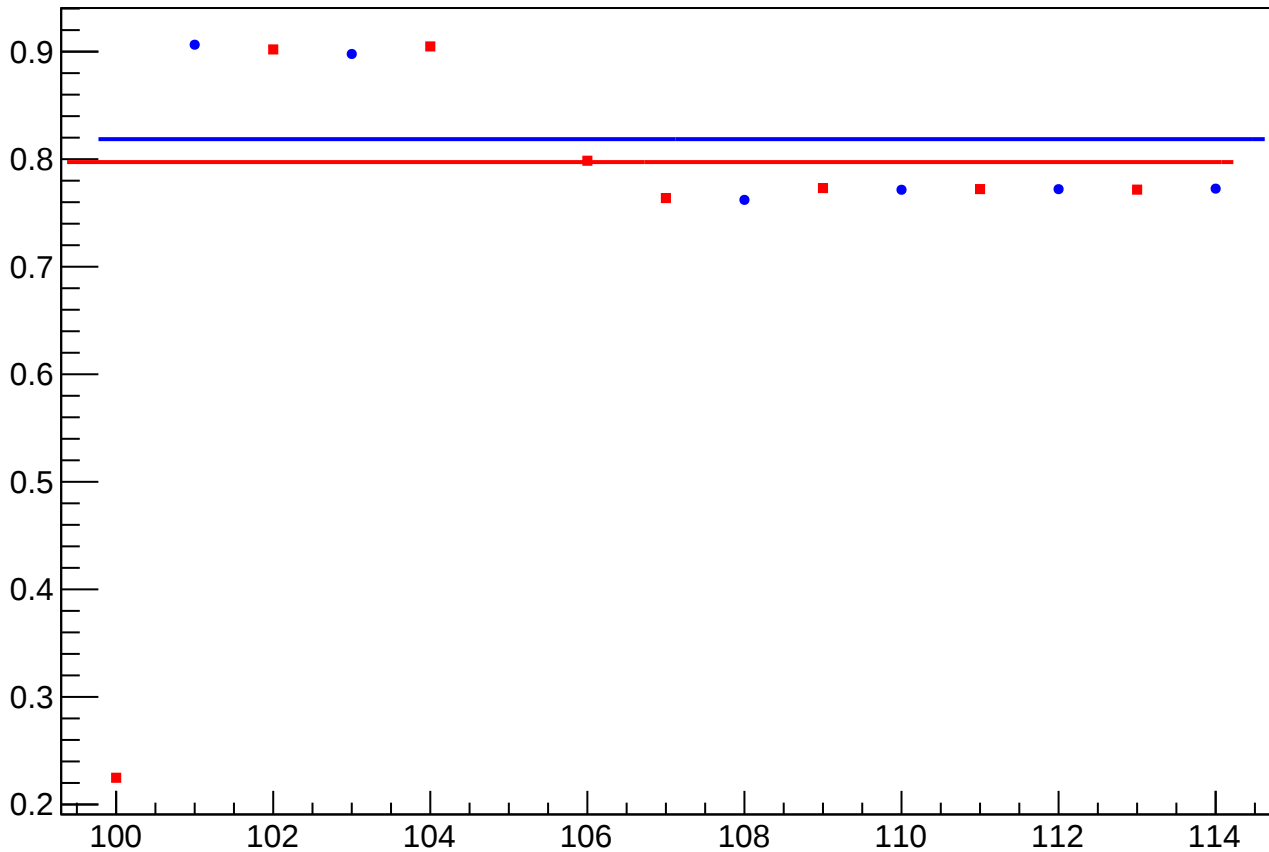
Right: 0.004+/-0.000 χ^2/NDF : 599505.3/13

In: 0.004+/-0.000 χ^2/NDF : 248061.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 599505.3/13

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.819+/-0.000 χ^2/NDF : 80708390.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.797+/-0.000 χ^2/NDF : 233628502.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

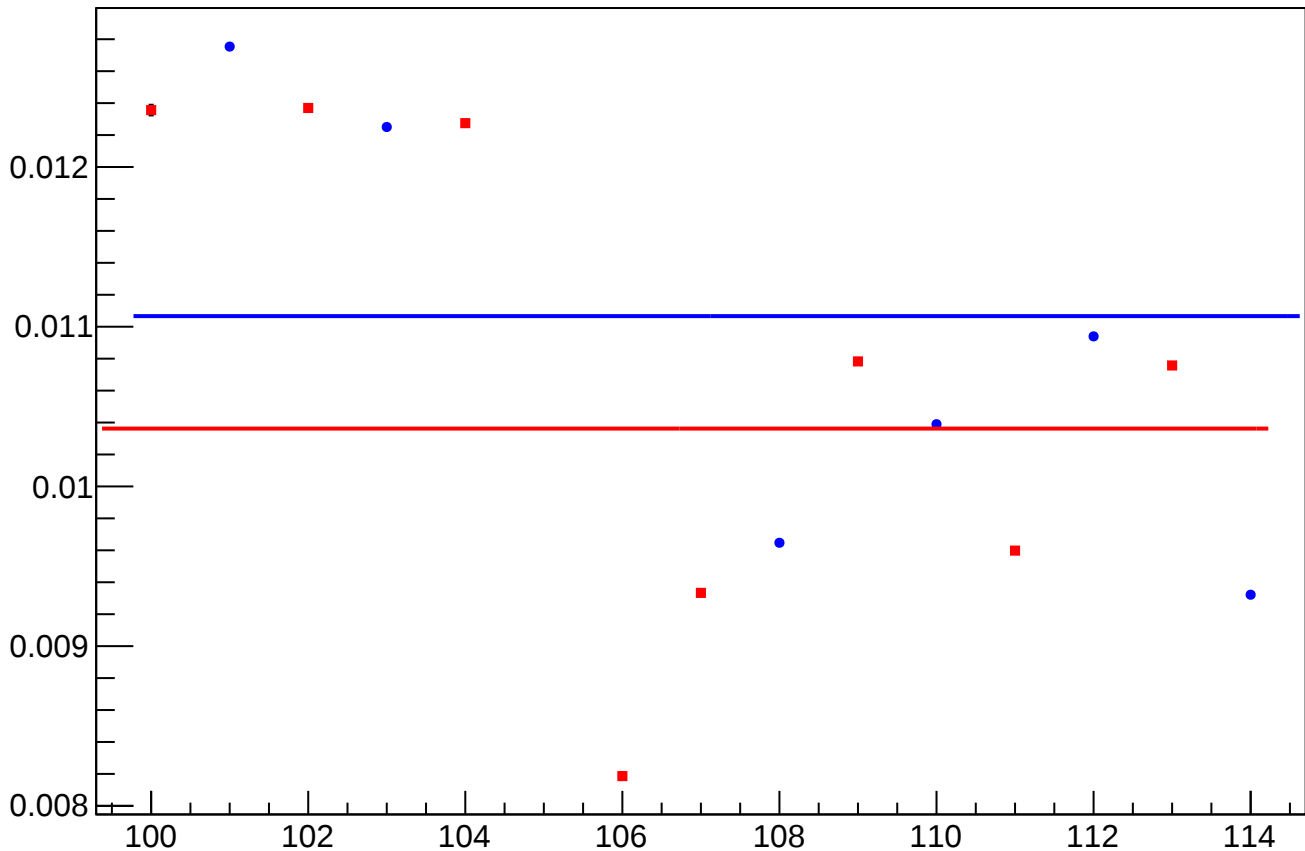
Right: 0.806+/-0.000 χ^2/NDF : 319550413.0/13

In: 0.819+/-0.000 χ^2/NDF : 80708390.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.806+/-0.000 χ^2/NDF : 319550413.0/13

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 56843.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 112617.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

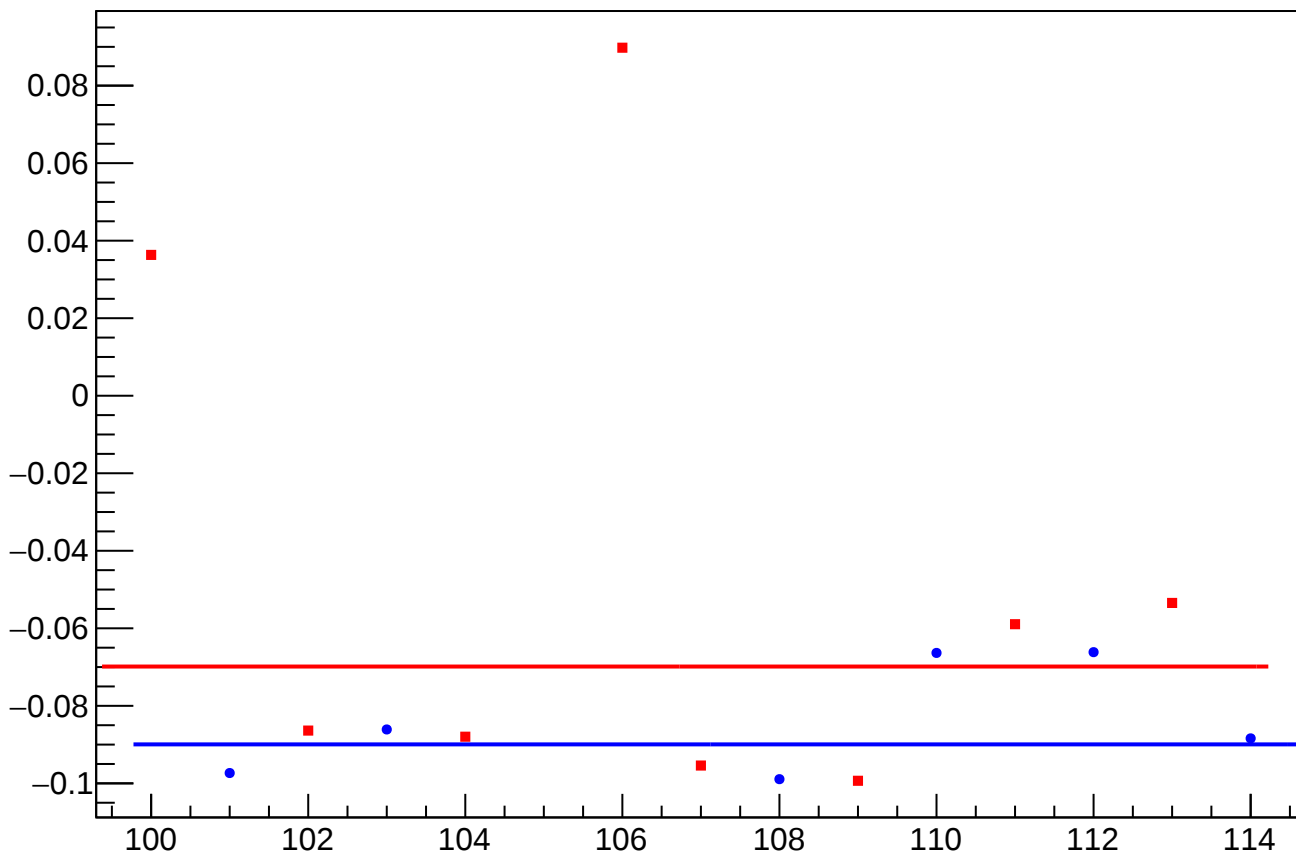
Right: 0.011+/-0.000 χ^2/NDF : 180825.1/13

In: 0.011+/-0.000 χ^2/NDF : 56843.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 180825.1/13

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -0.090+/-0.000 χ^2/NDF : 12604753.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.070+/-0.000 χ^2/NDF : 365638299.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

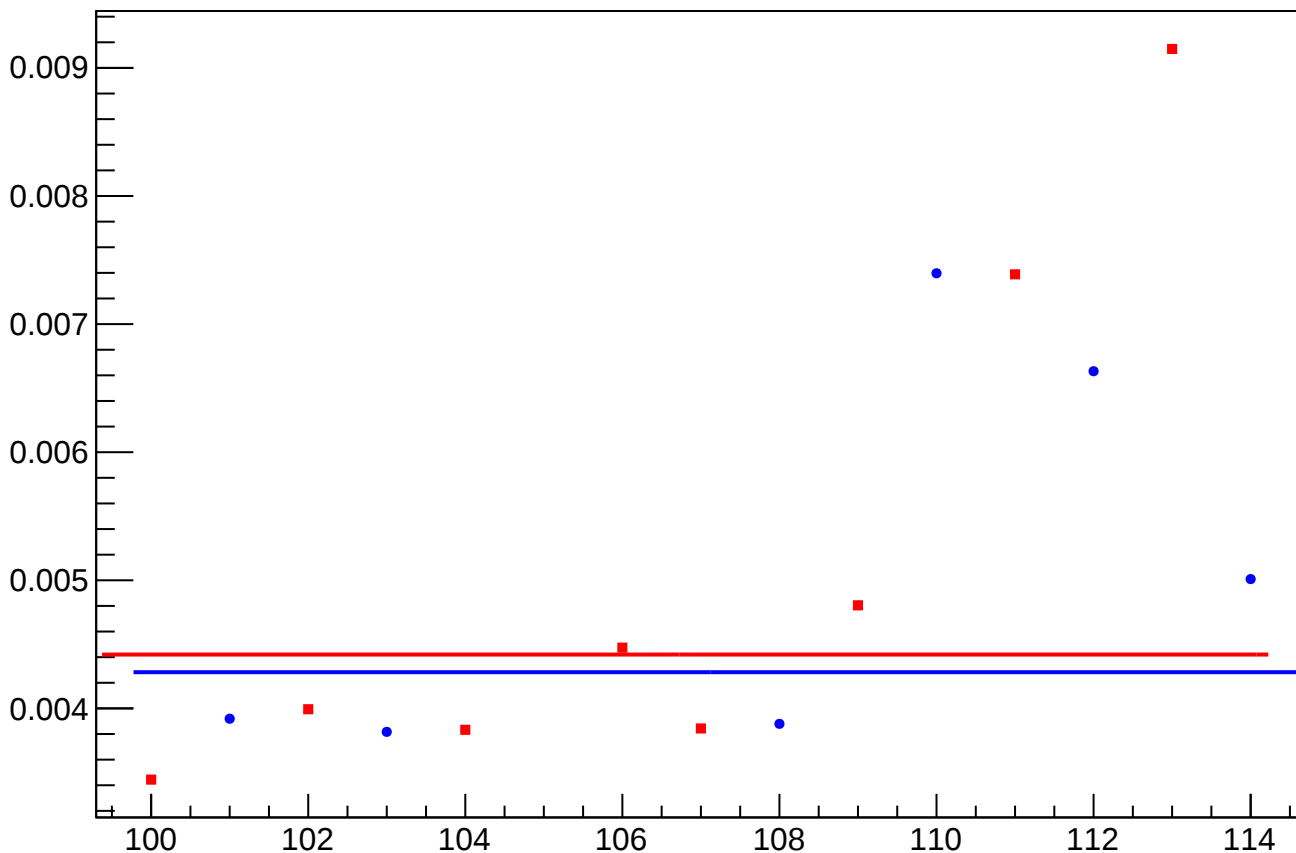
Right: -0.079+/-0.000 χ^2/NDF : 403579114.1/13

In: -0.090+/-0.000 χ^2/NDF : 12604753.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.079+/-0.000 χ^2/NDF : 403579114.1/13

yield_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 240800.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 406739.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

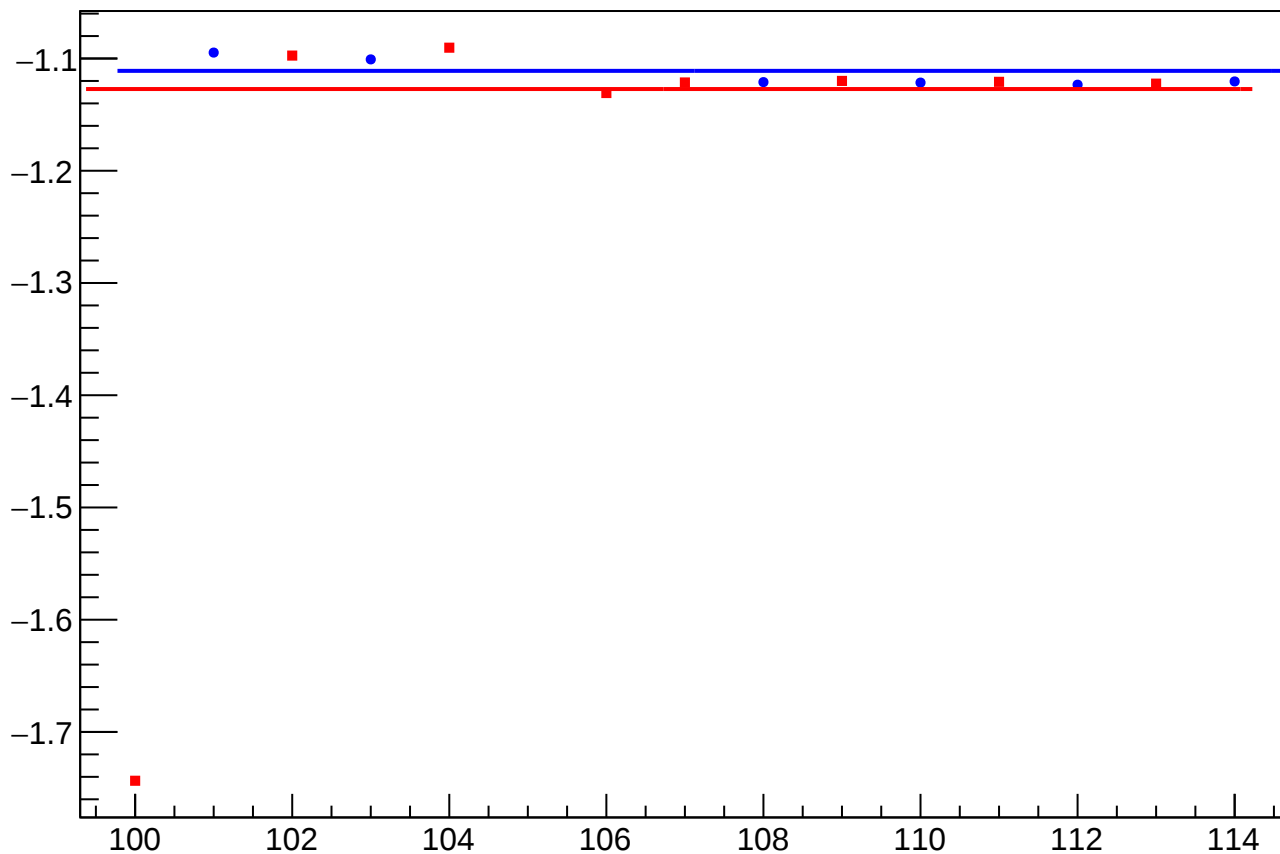
Right: 0.004+/-0.000 χ^2/NDF : 649924.5/13

In: 0.004+/-0.000 χ^2/NDF : 240800.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 649924.5/13

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -1.111+/-0.000 χ^2/NDF : 2644365.8/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.127+/-0.000 χ^2/NDF : 204413128.5/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

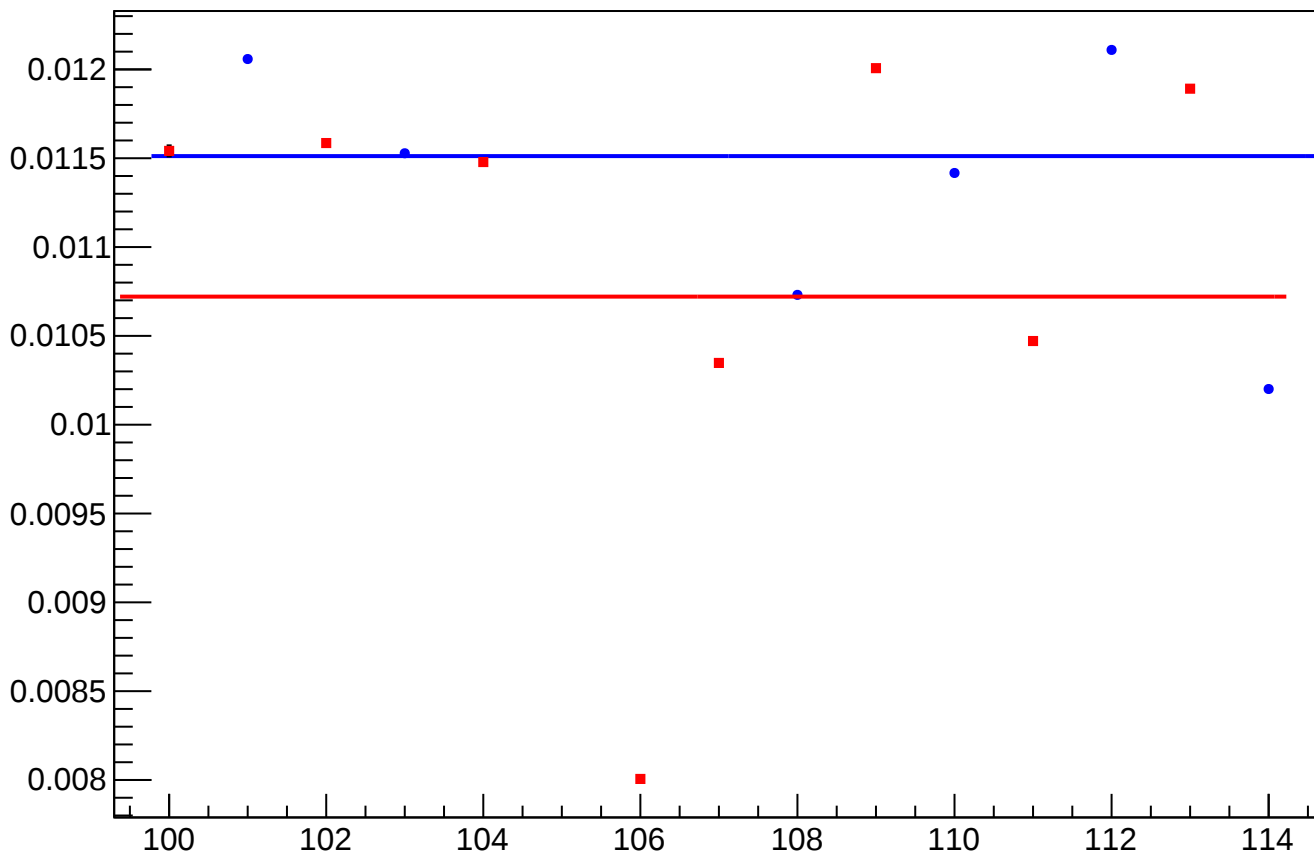
Right: -1.121+/-0.000 χ^2/NDF : 209861385.9/13

In: -1.111+/-0.000 χ^2/NDF :2644365.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.121+/-0.000 χ^2/NDF : 209861385.9/13

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 12082.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 99504.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

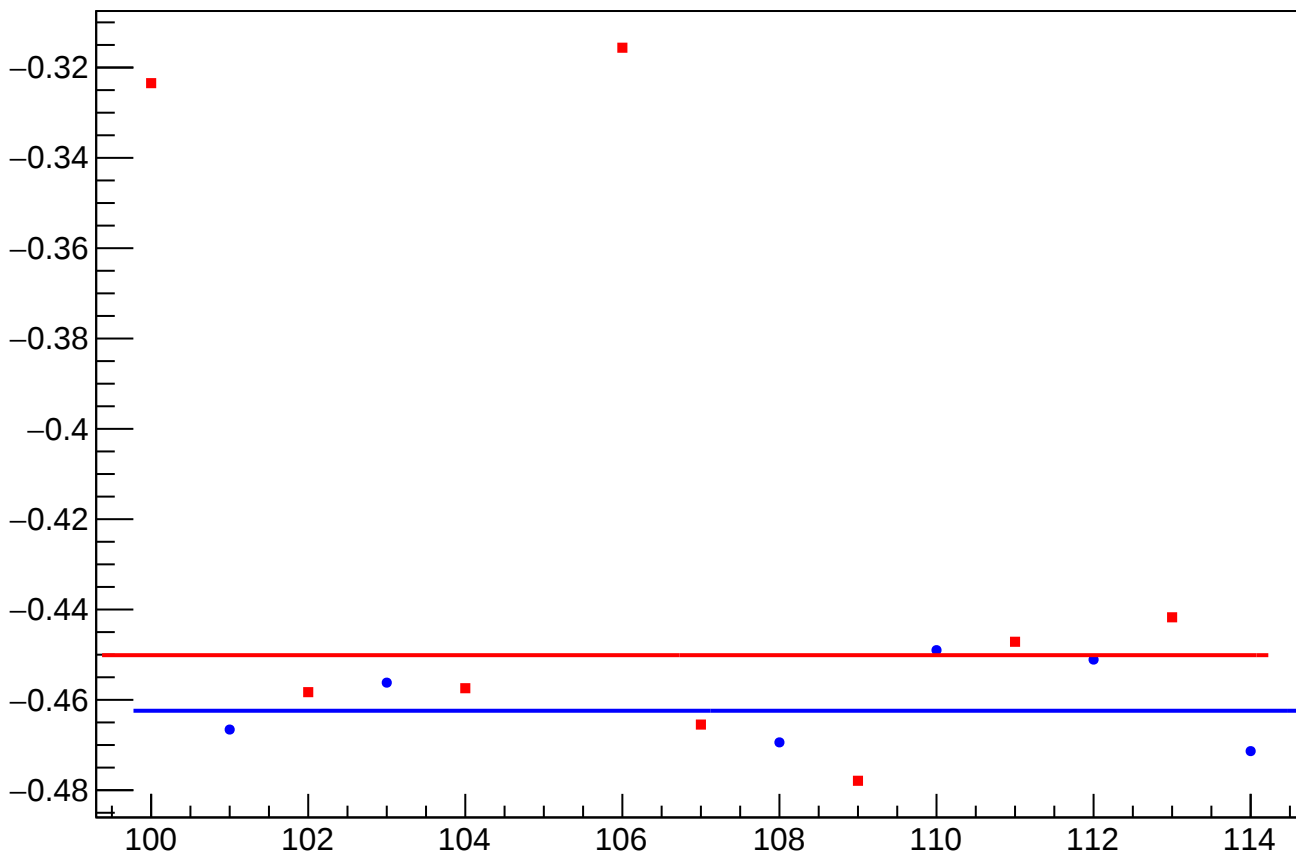
Right: 0.011+/-0.000 χ^2/NDF : 124961.4/13

In: 0.012+/-0.000 χ^2/NDF : 12082.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 124961.4/13

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.462+/-0.000 χ^2/NDF : 7988258.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.450+/-0.000 χ^2/NDF : 307195038.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

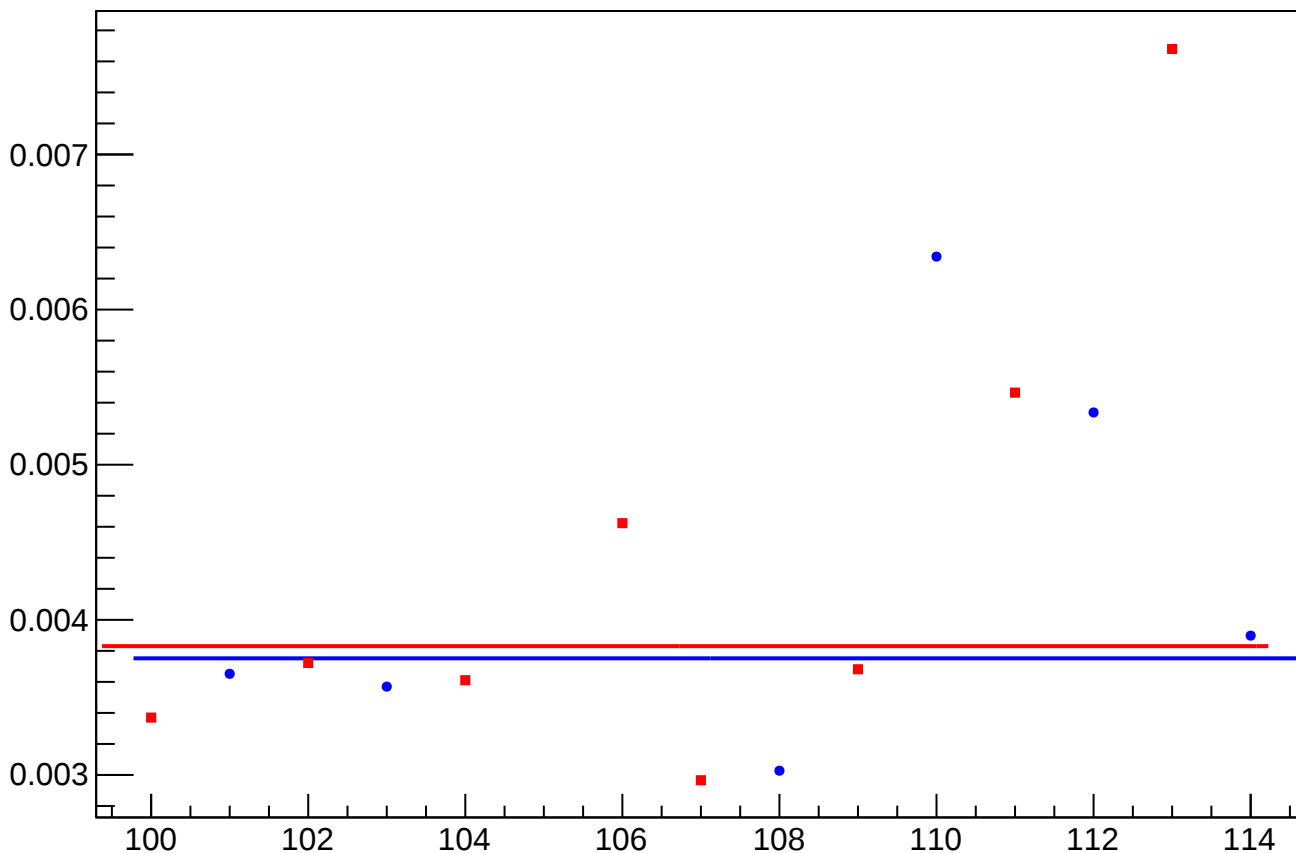
Right: -0.456+/-0.000 χ^2/NDF : 327798138.1/13

In: -0.462+/-0.000 χ^2/NDF : 7988258.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.456+/-0.000 χ^2/NDF : 327798138.1/13

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 212616.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 349816.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

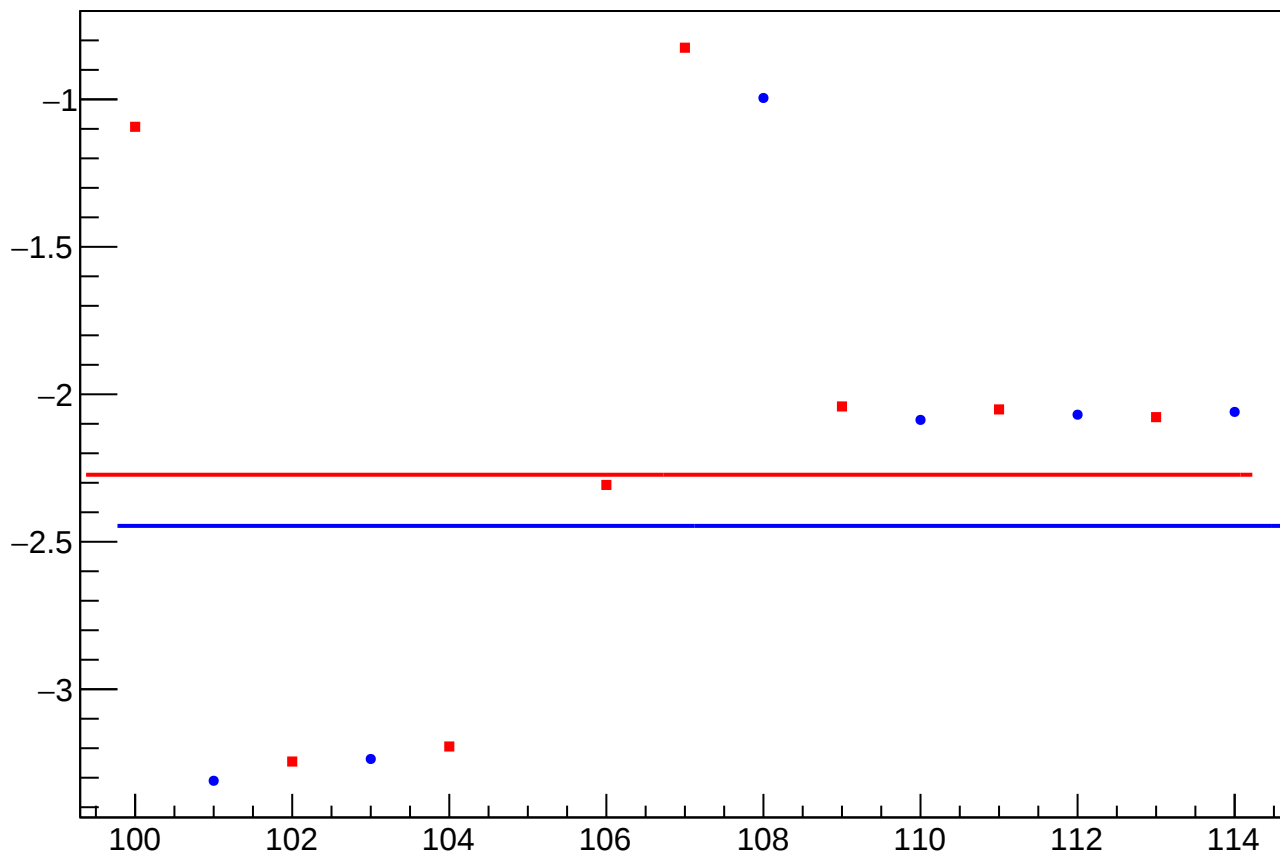
Right: 0.004+/-0.000 χ^2/NDF : 563460.1/13

In: 0.004+/-0.000 χ^2/NDF : 212616.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 563460.1/13

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -2.446+/-0.000 χ^2/NDF : 332520577.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.273+/-0.000 χ^2/NDF : 361452329.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

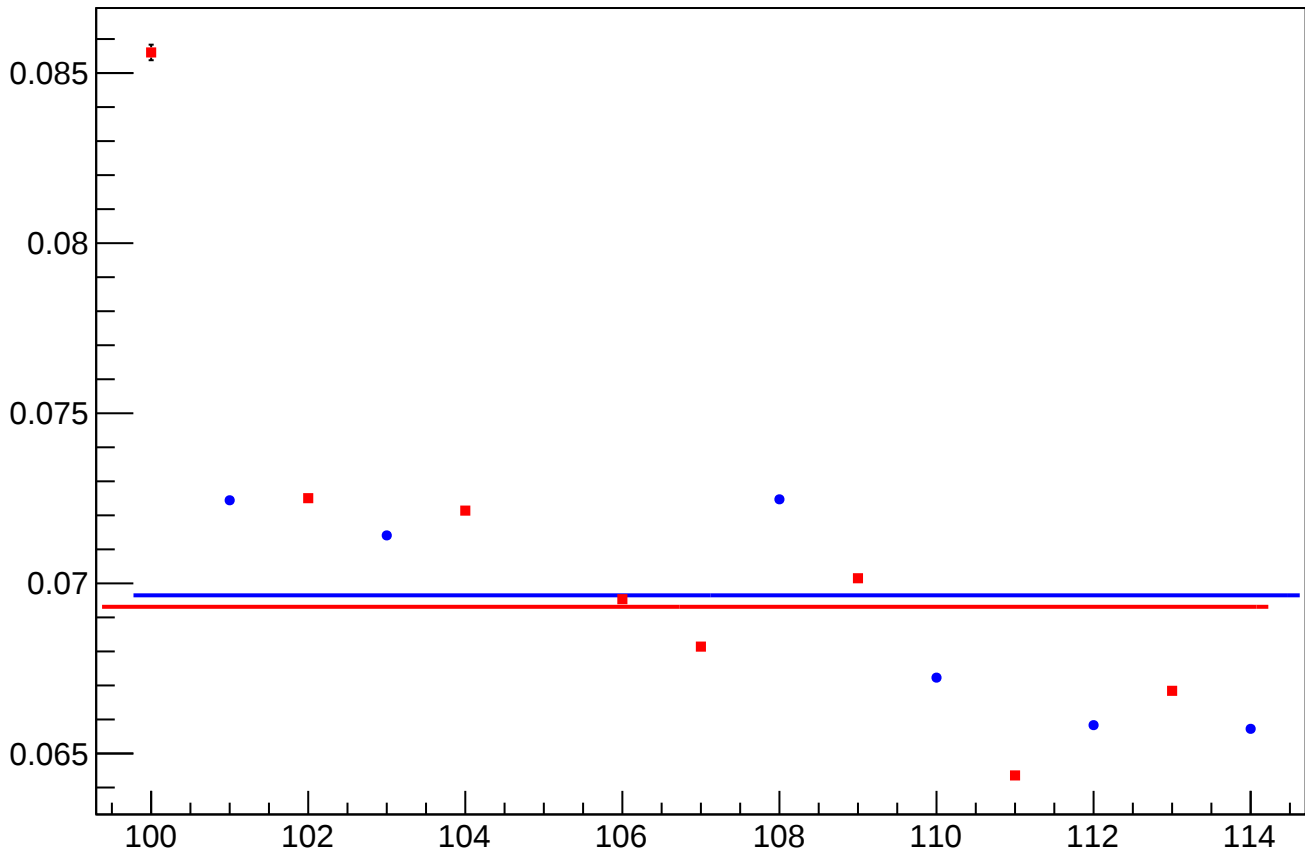
Right: -2.349+/-0.000 χ^2/NDF : 702539212.5/13

In: -2.446+/-0.000 χ^2/NDF : 332520577.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.349+/-0.000 χ^2/NDF : 702539212.5/13

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.070+/-0.000 χ^2/NDF : 8461.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.069+/-0.000 χ^2/NDF : 15316.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

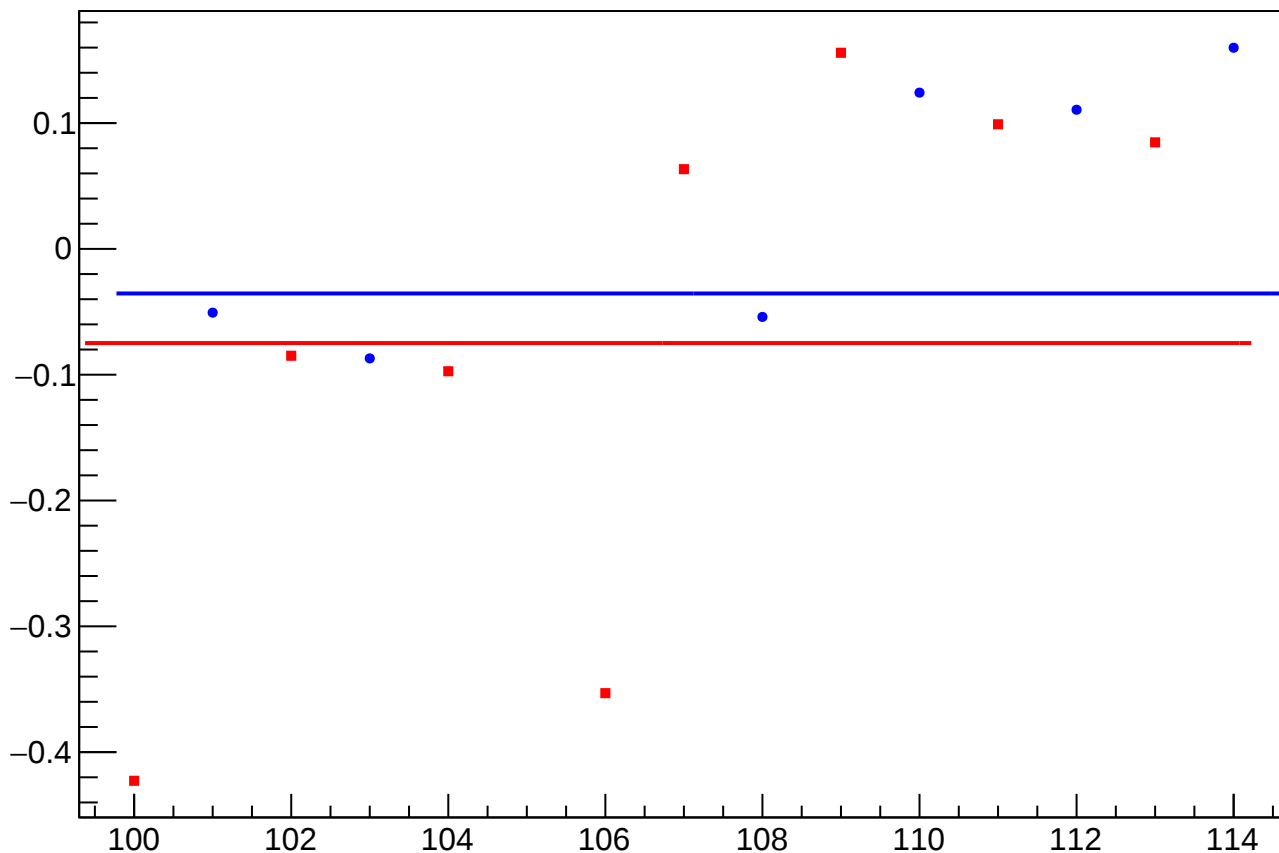
Right: 0.069+/-0.000 χ^2/NDF : 23843.1/13

In: 0.070+/-0.000 χ^2/NDF : 8461.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.069+/-0.000 χ^2/NDF : 23843.1/13

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: -0.035+/-0.000 χ^2/NDF : 104279256.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.075+/-0.000 χ^2/NDF : 688105184.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

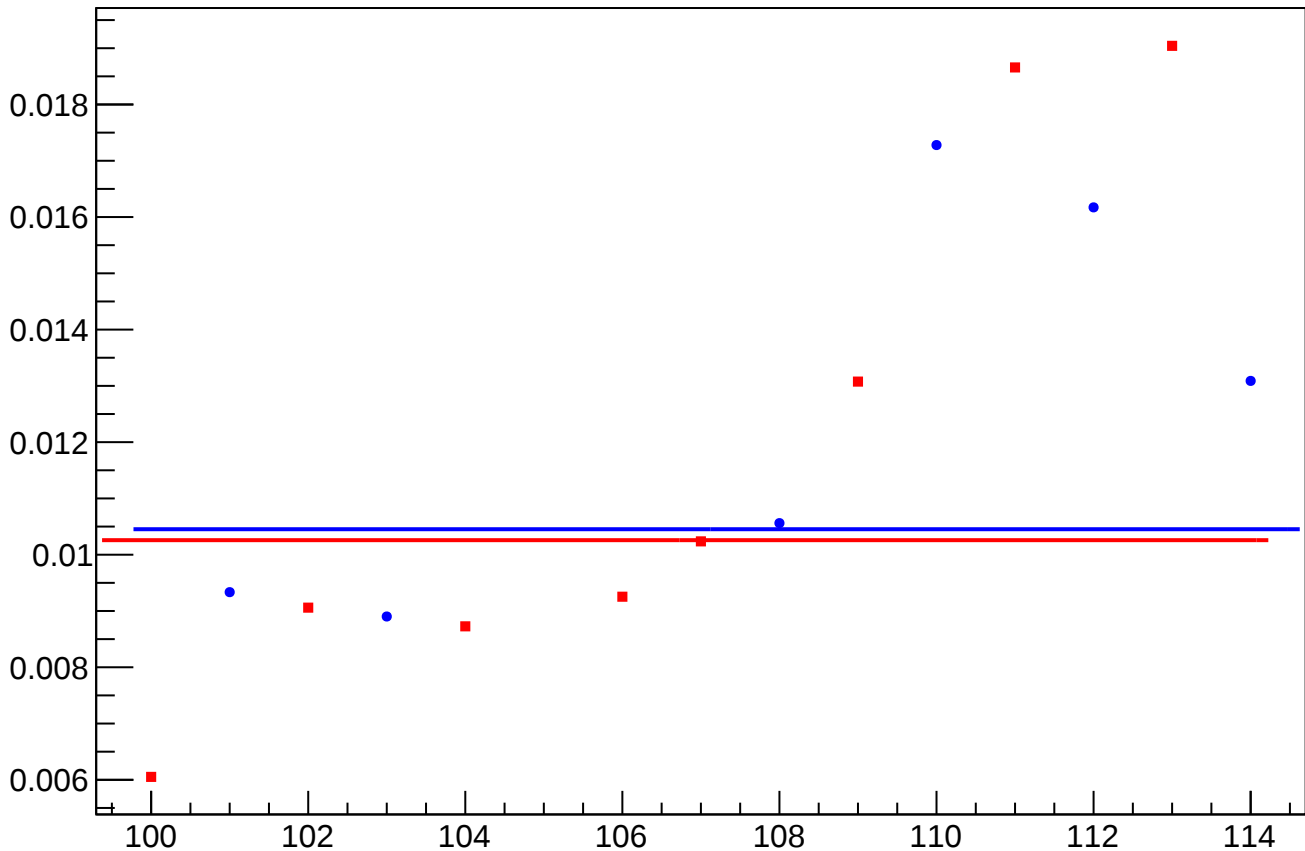
Right: -0.057+/-0.000 χ^2/NDF : 809563196.7/13

In: -0.035+/-0.000 χ^2/NDF : 104279256.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.057+/-0.000 χ^2/NDF : 809563196.7/13

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 256019.8/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 498566.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

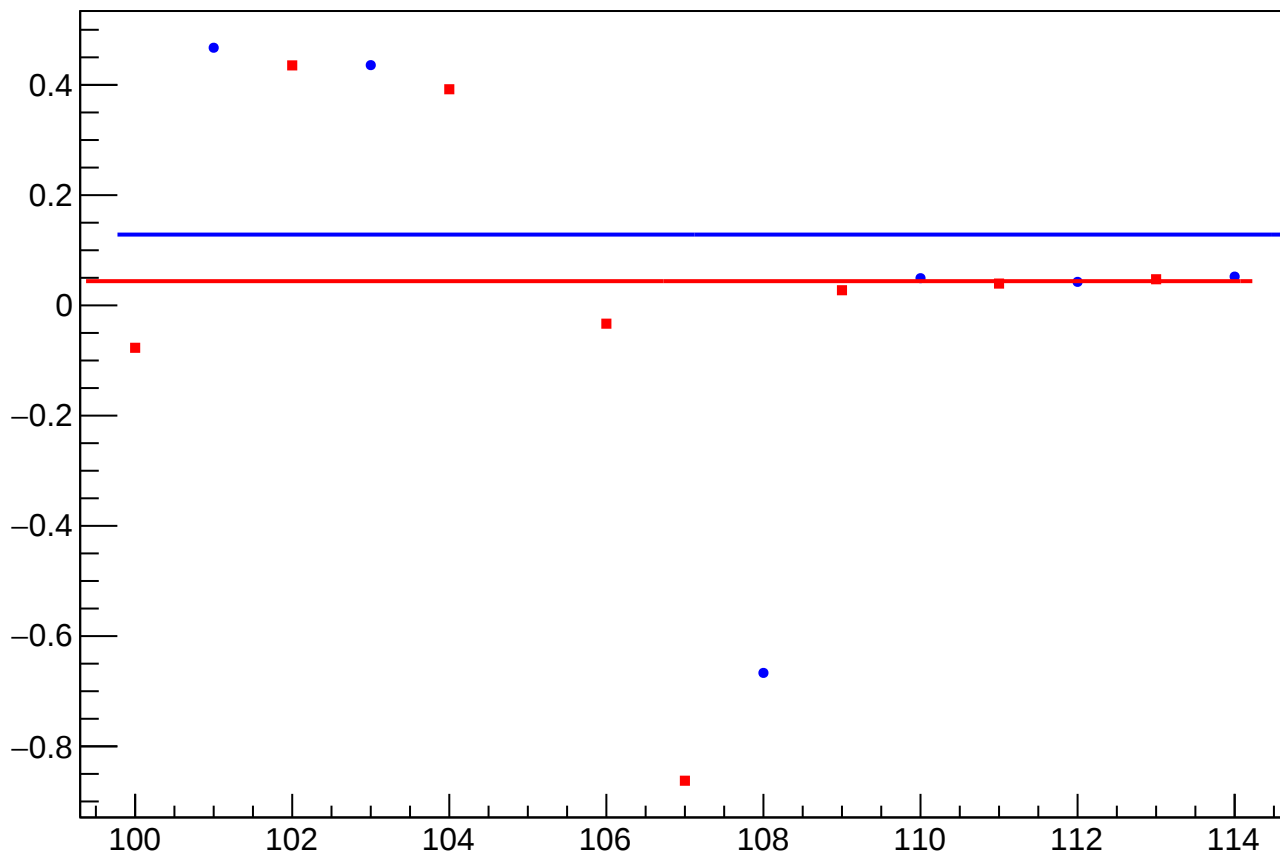
Right: 0.010+/-0.000 χ^2/NDF : 755424.1/13

In: 0.010+/-0.000 χ^2/NDF :256019.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.000 χ^2/NDF : 755424.1/13

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 0.128+/-0.000 χ^2/NDF : 44997942.1/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.044+/-0.000 χ^2/NDF : 56685059.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

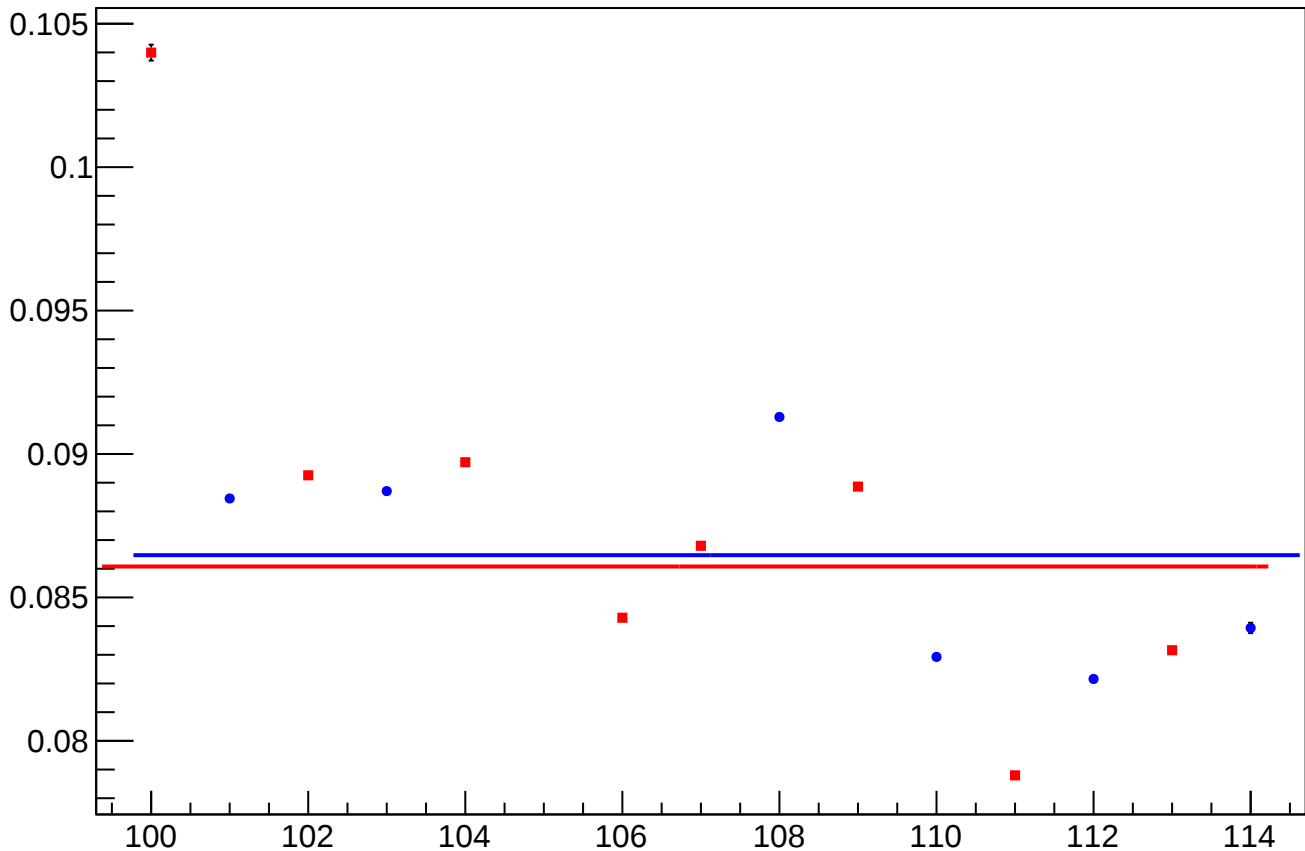
Right: 0.081+/-0.000 χ^2/NDF : 103007554.4/13

In: 0.128+/-0.000 χ^2/NDF :44997942.1/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.081+/-0.000 χ^2/NDF : 103007554.4/13

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.086+/-0.000 χ^2/NDF : 7540.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.086+/-0.000 χ^2/NDF : 16937.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

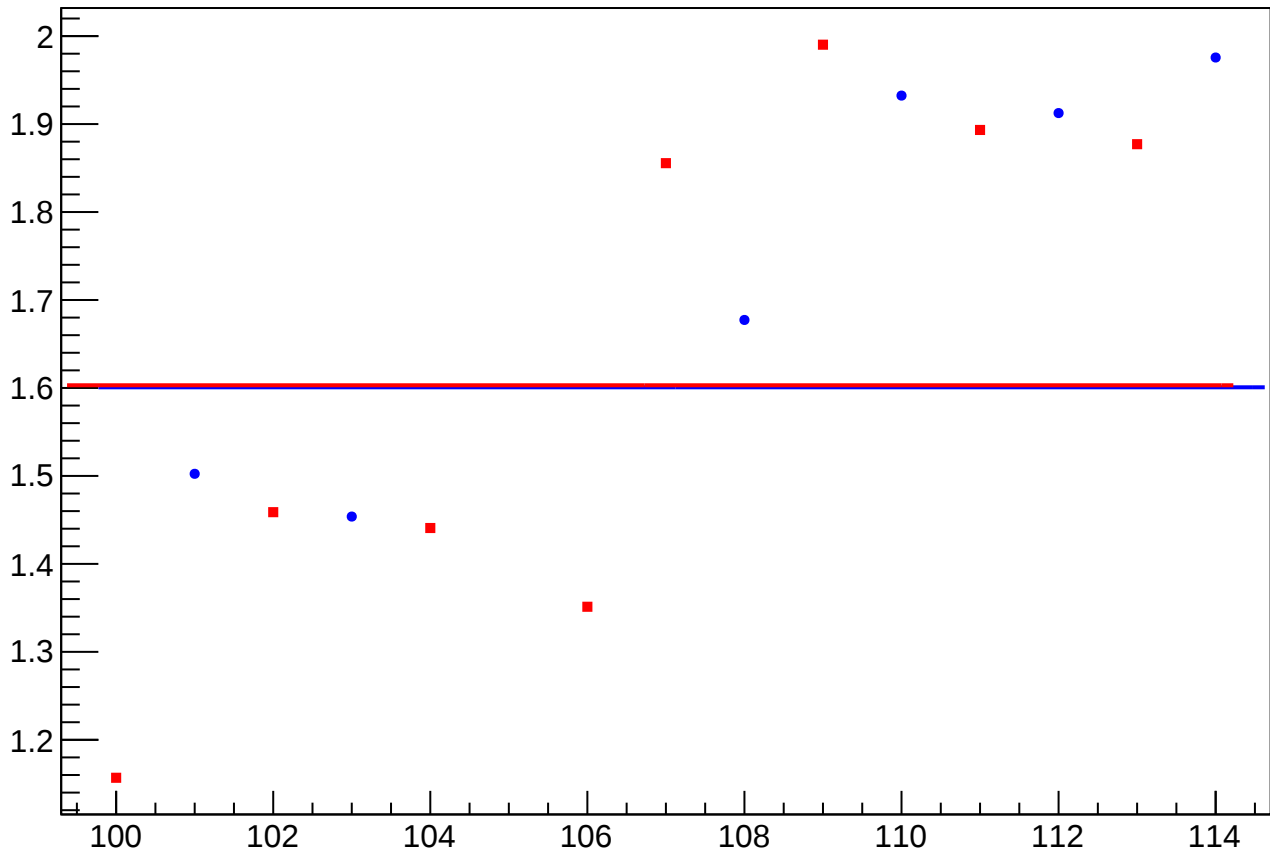
Right: 0.086+/-0.000 χ^2/NDF : 24535.9/13

In: 0.086+/-0.000 χ^2/NDF : 7540.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.086+/-0.000 χ^2/NDF : 24535.9/13

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.601+/-0.000 χ^2/NDF : 327447286.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.603+/-0.000 χ^2/NDF : 846585871.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

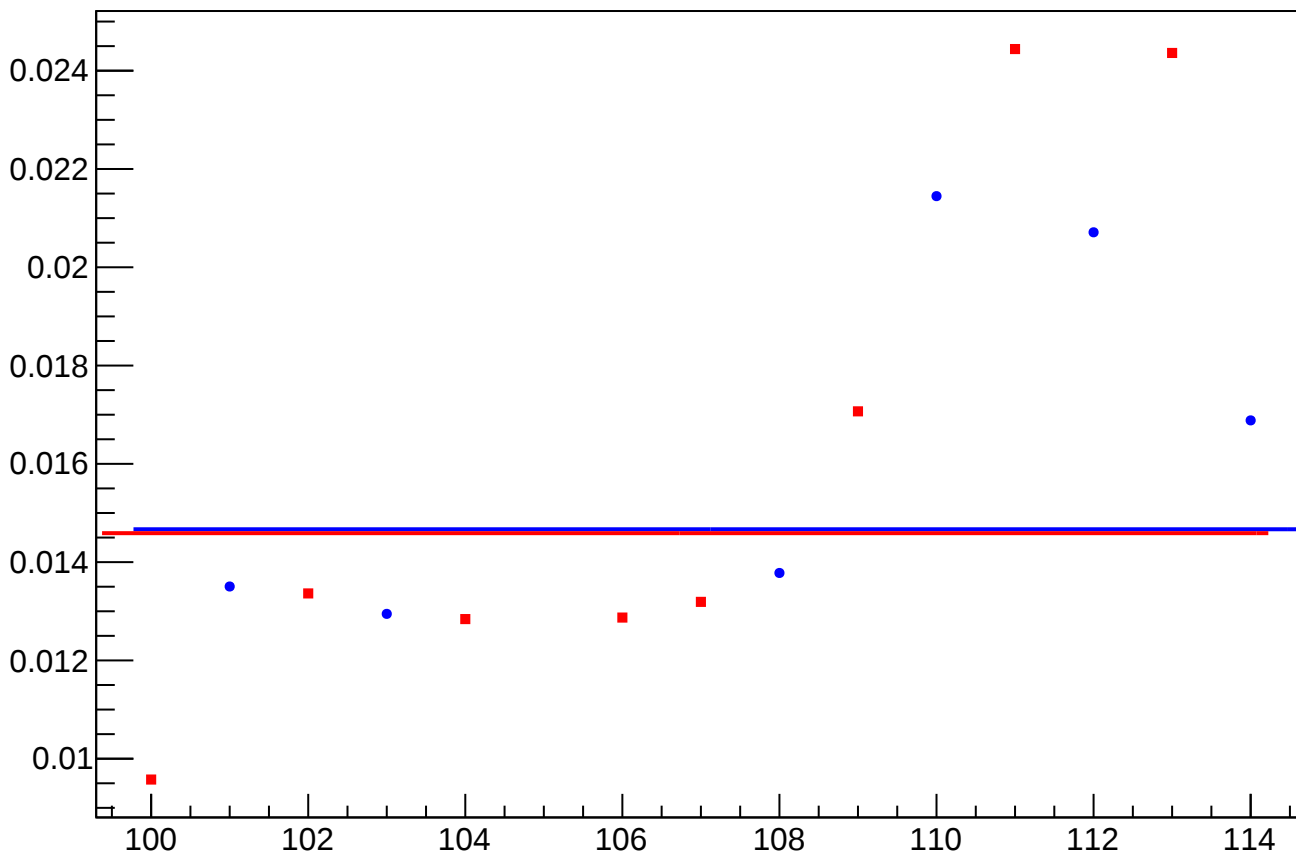
Right: 1.602+/-0.000 χ^2/NDF : 1174063487.0/13

In: 1.601+/-0.000 χ^2/NDF : 327447286.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.602+/-0.000 χ^2/NDF : 1174063487.0/13

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 163125.3/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 356741.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

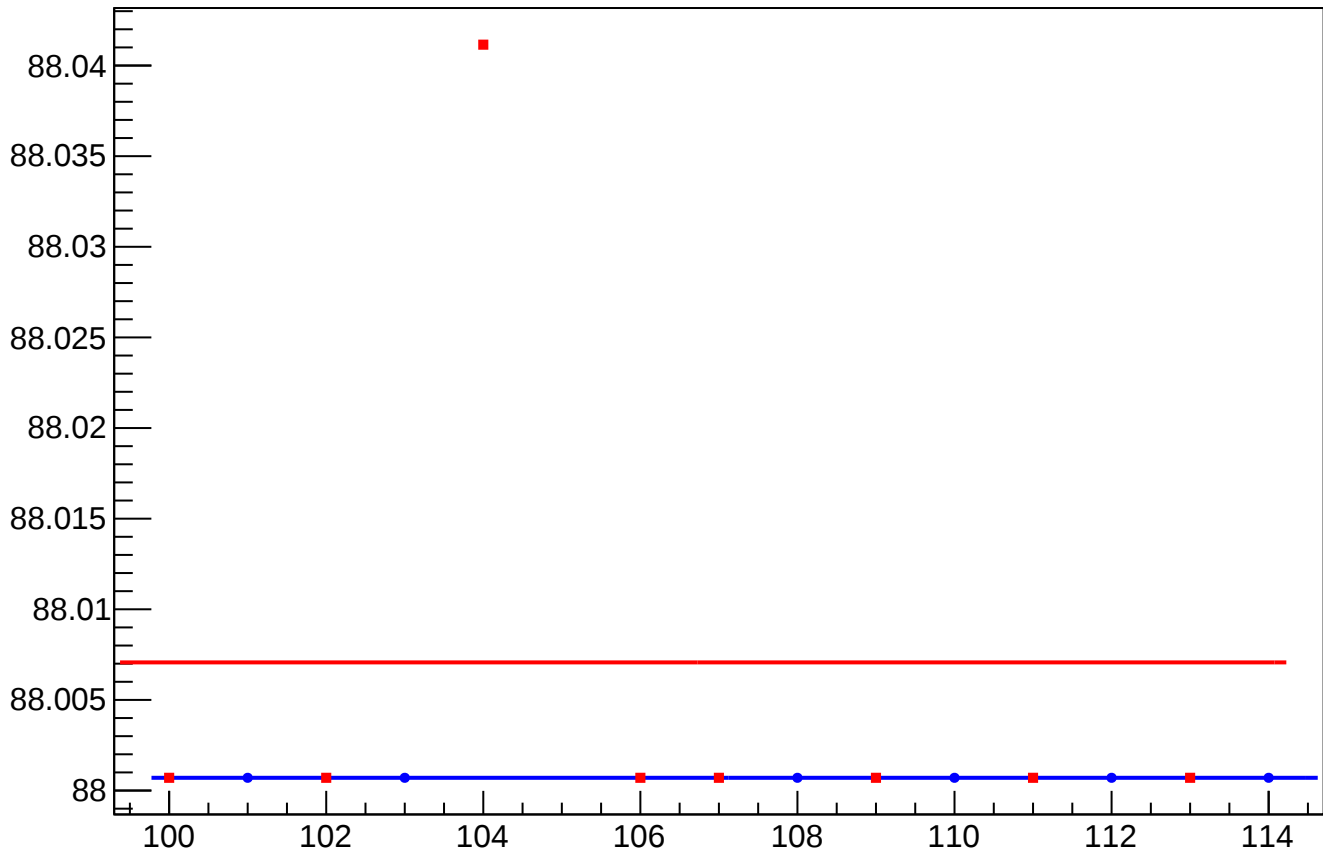
Right: 0.015+/-0.000 χ^2/NDF : 519938.7/13

In: 0.015+/-0.000 χ^2/NDF :163125.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.000 χ^2/NDF : 519938.7/13

epics_VWienAngles_mean vs Slug, Sign Corrected



Right In: 88.001+/-0.000 χ^2/NDF : 583025.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.007+/-0.000 χ^2/NDF : 70305793626511170642919817216.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

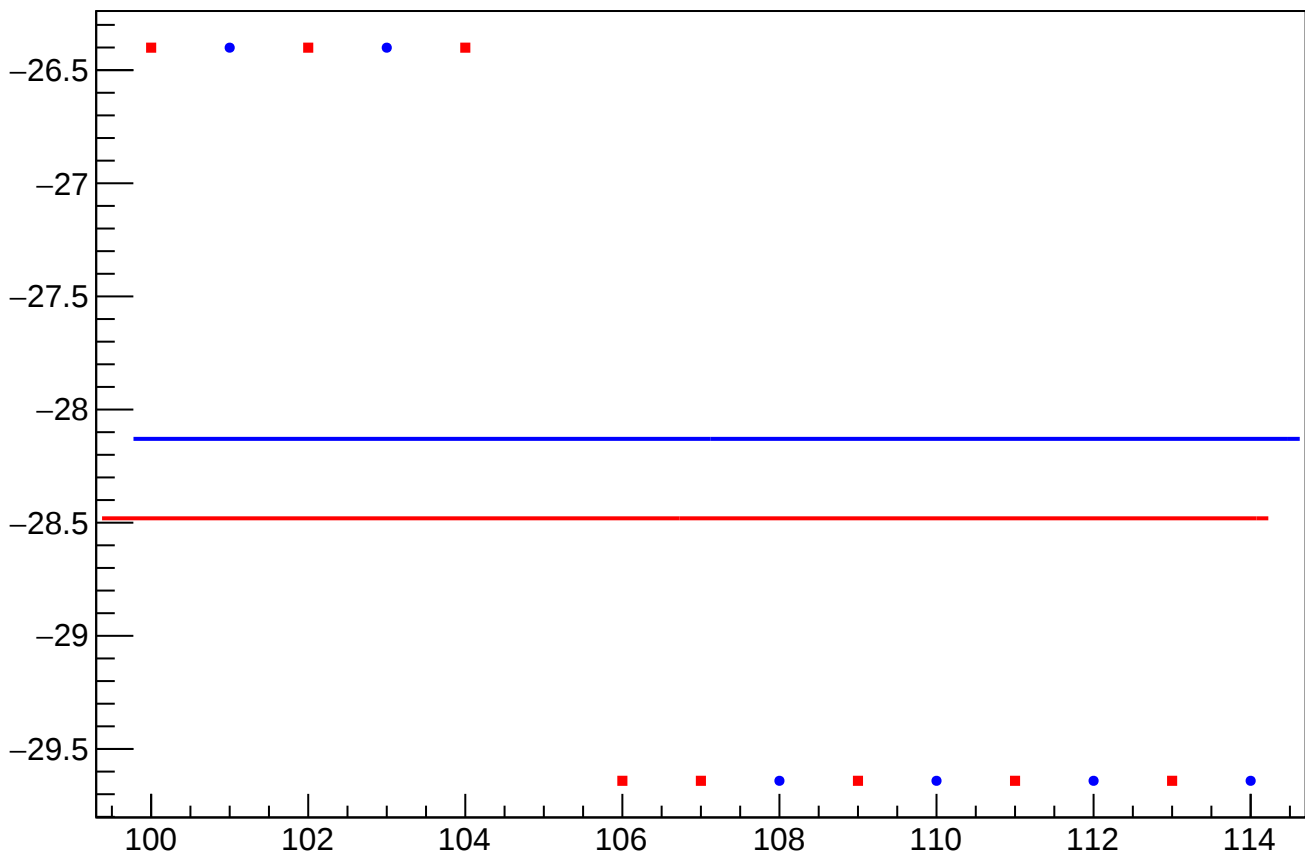
Right: 88.004+/-0.000 χ^2/NDF : 7606474421195162

In: 88.001+/-0.000 χ^2/NDF : 583025.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

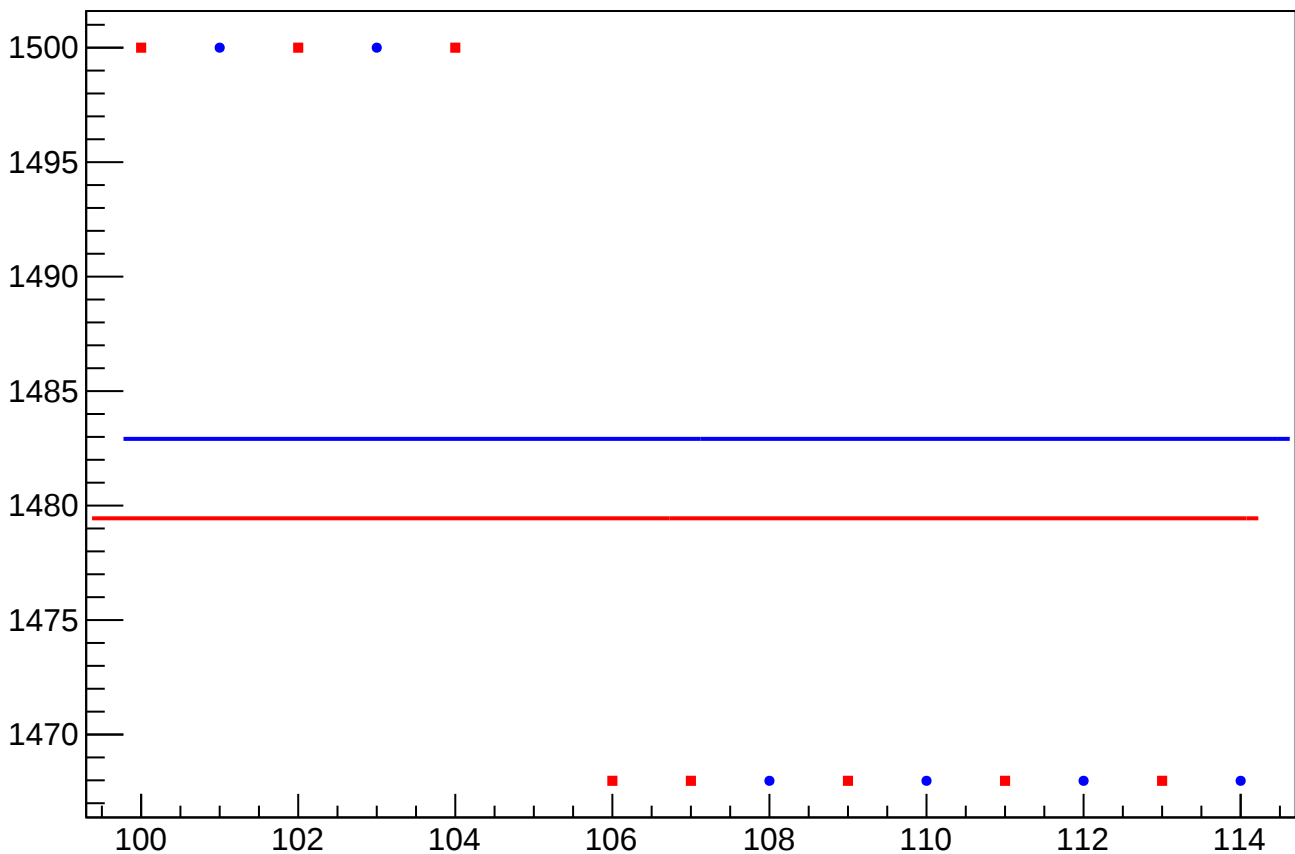
All: 88.004+/-0.000 χ^2/NDF : 7606474421195

epics_HWienAngles_mean vs Slug, Sign Corrected



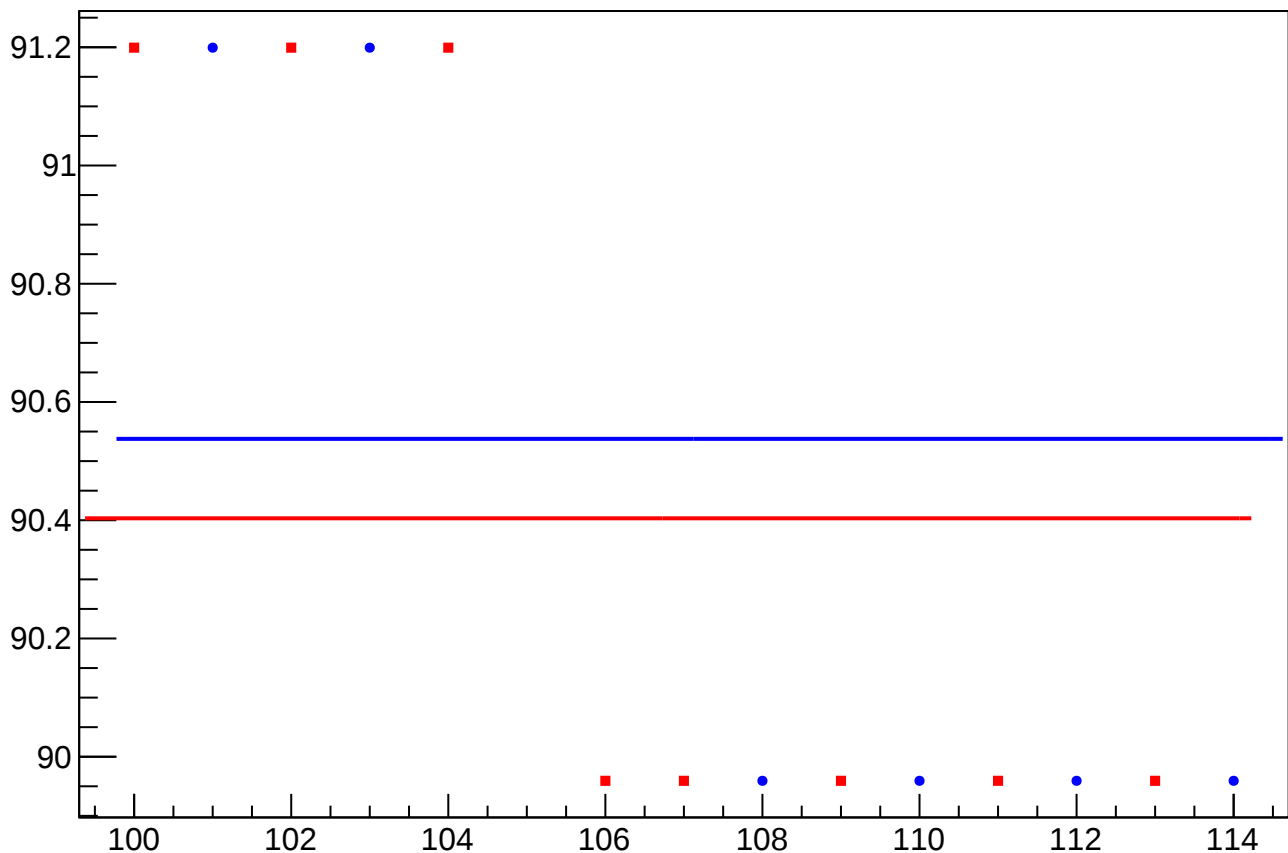
Right In: -28.130+/-0.000 χ^2/NDF : 660975367588946025940871014252544.0/5
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -28.481+/-0.000 χ^2/NDF : 7817472000000004778285102599766016.0/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -28.327+/-0.000 χ^2/NDF : 146023981143849

epics_psub_pl_poss_mean vs Slug, Sign Corrected



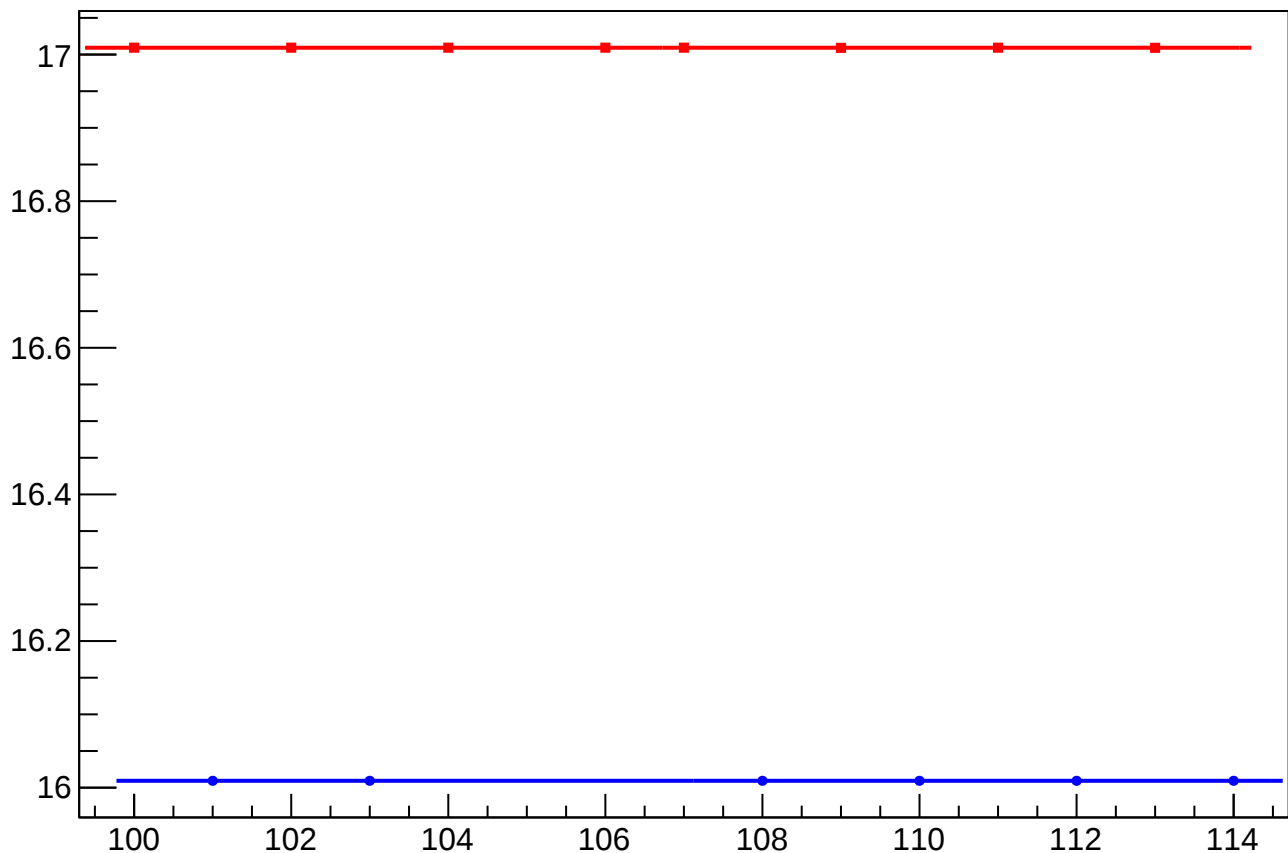
Right In: 1482.914+/-0.000 χ^2/NDF : 64561863239378171186230687403343872.0/5
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 1480.965+/-0.000 χ^2/NDF : 14263134093284
 In: 1482.914+/-0.000 χ^2/NDF : 64561863239378171186230687403343872.0/5
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1480.965+/-0.000 χ^2/NDF : 14263134093

epics_Phi_FGs_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: 90.538+/-0.000 χ^2/NDF : 96814102766812292707489085915136.0/5
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 90.462+/-0.000 χ^2/NDF : 2138836242634701
 In: 90.538+/-0.000 χ^2/NDF : 96814102766812292707489085915136.0/5
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 90.462+/-0.000 χ^2/NDF : 2138836242634701

epics_IGL1I00DI24_24Ms_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2/NDF : 13770.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.009+/-0.000 χ^2/NDF : 2925388459094246923698176.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

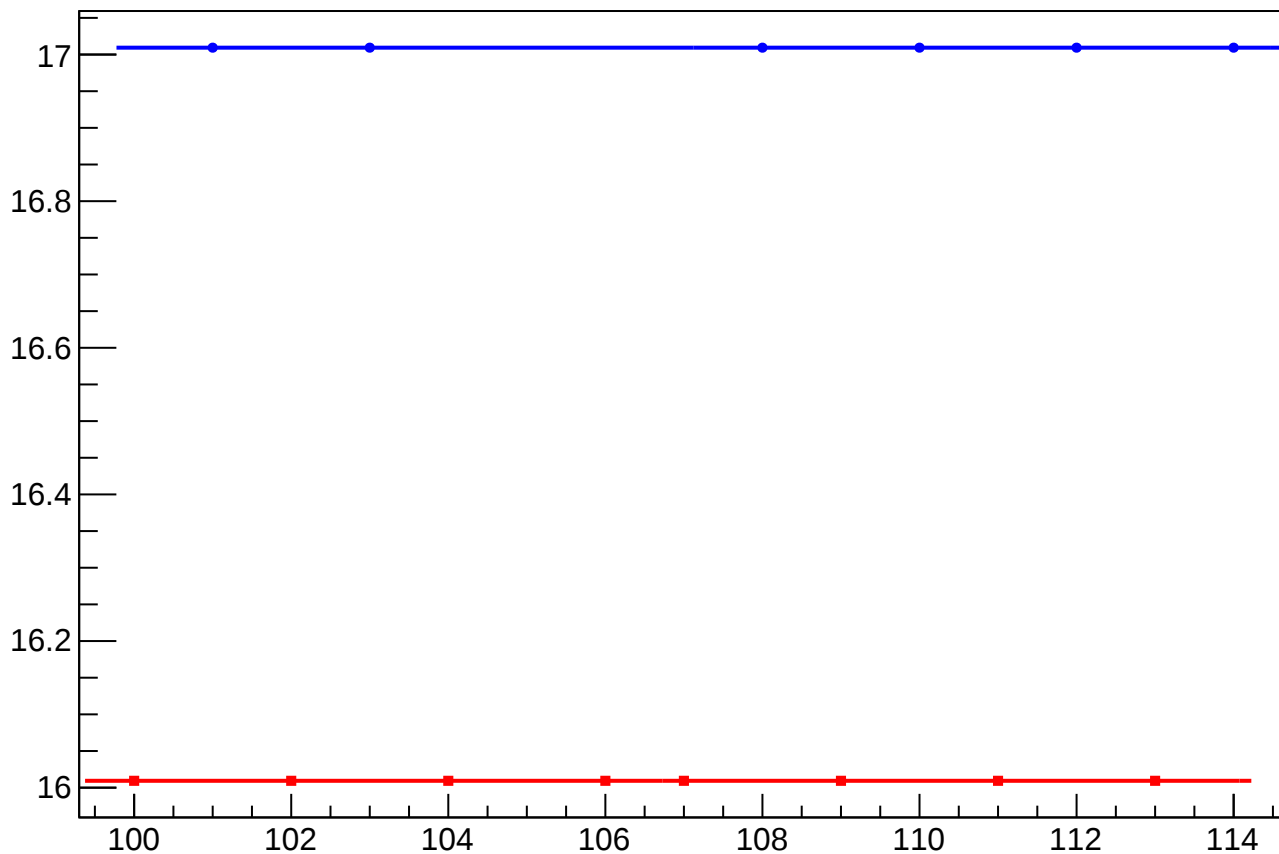
Right: 16.543+/-0.000 χ^2/NDF : 1348847129028185

In: 16.009+/-0.000 χ^2/NDF : 13770.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.543+/-0.000 χ^2/NDF : 1348847129028185

epics_IGL1I00OD16_16s_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2/NDF : 16648.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.009+/-0.000 χ^2/NDF : 7030.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

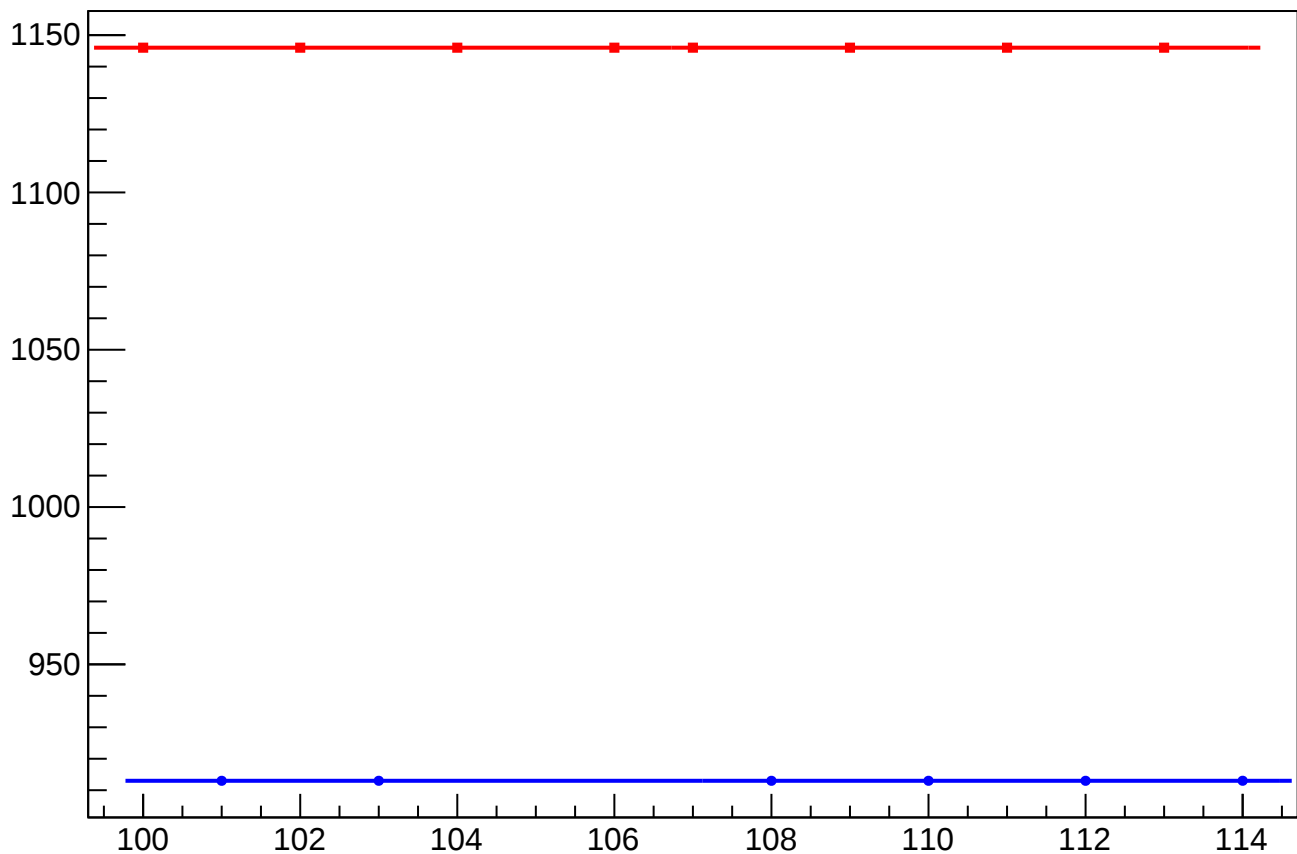
Right: 16.420+/-0.000 χ^2/NDF : 1302174721189543

In: 17.009+/-0.000 χ^2/NDF : 16648.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

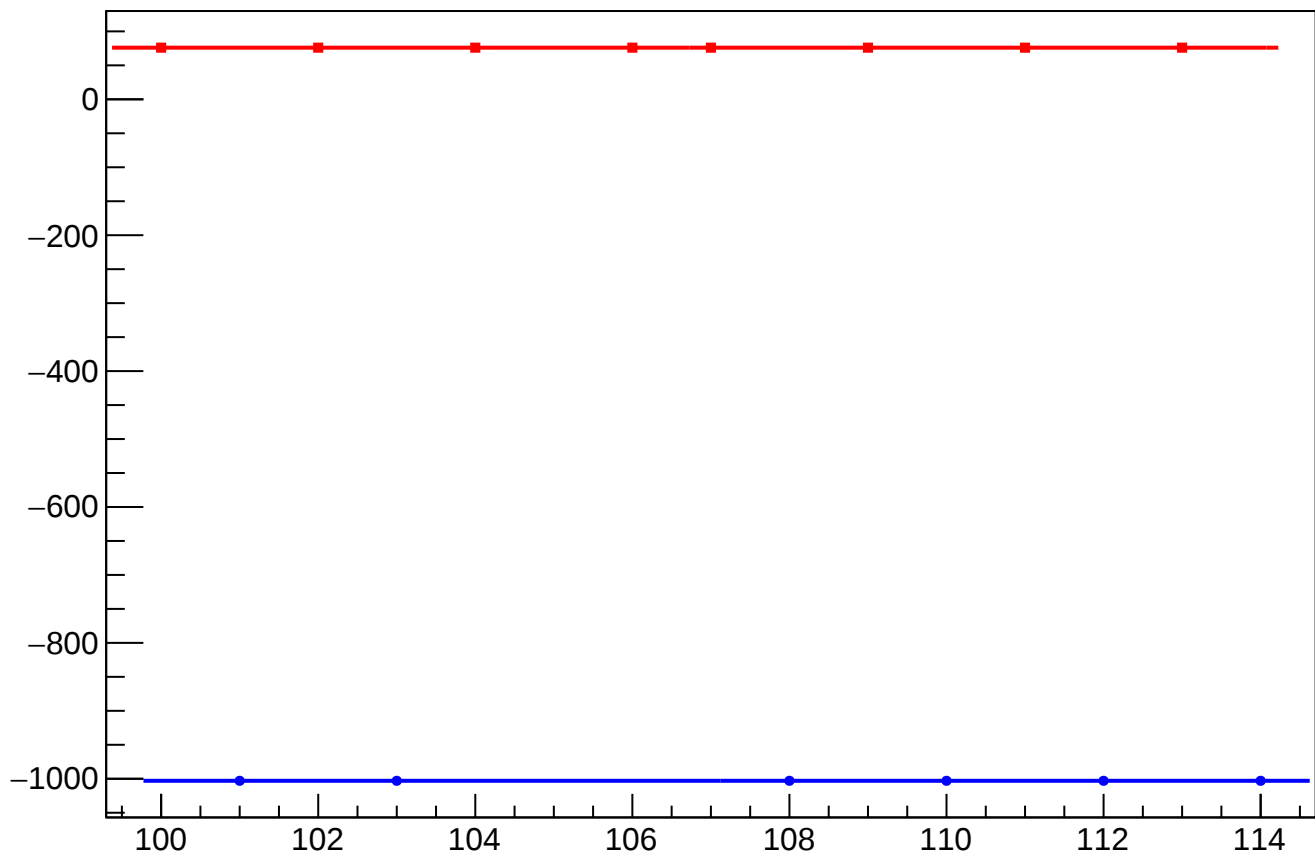
All: 16.420+/-0.000 χ^2/NDF : 1302174721189

epics_RTPAPOSUCNTs_mean vs Slug, Sign Corrected



Right In: 912.994 $\pm$ 0.000 χ^2 /NDF: 2591454490308403838813470720.0/5
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 1146.010 $\pm$ 0.000 χ^2 /NDF: 705492875554683836289777664.0/7
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 1043.838 $\pm$ 0.000 χ^2 /NDF: 77136715089420.0/5

epics_RTPAPOSVCNTs_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: -1002.989+/-0.000 χ^2/NDF : 1305750314207171736433065984.0/5
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -397.104+/-0.000 χ^2/NDF : 16539843266723
 In: -1002.989+/-0.000 χ^2/NDF : 1305750314207171736433065984.0/5
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -397.104+/-0.000 χ^2/NDF : 16539843266