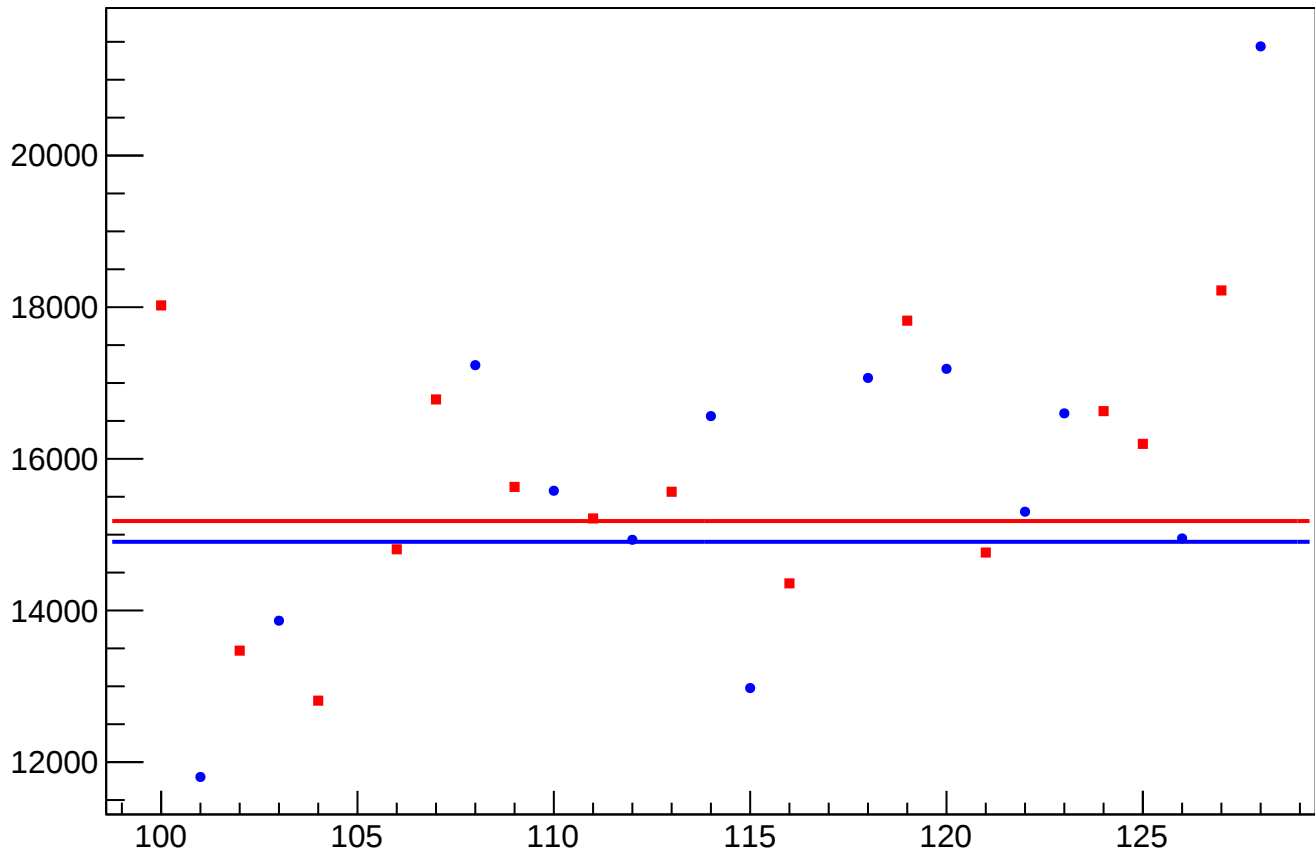


diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 14905.835+/-4.959 χ^2/NDF : 220768.9/12

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

Right Out: 15179.648+/-4.746 χ^2/NDF : 115197.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

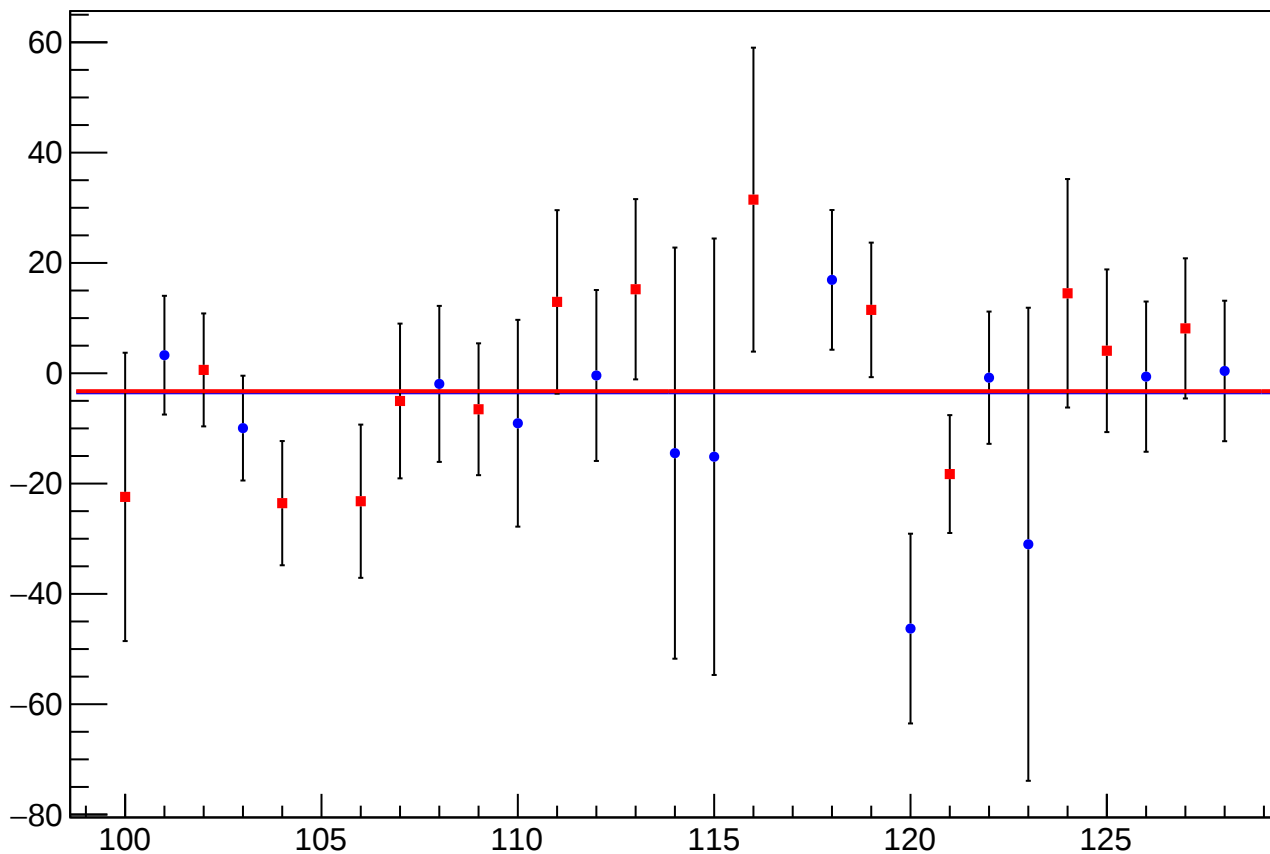
Right: 15048.738+/-3.429 χ^2/NDF : 337557.6/26

In: 14905.835+/-4.959 χ^2/NDF : 220768.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15048.738+/-3.429 χ^2/NDF : 337557.6/26

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -3.453+/-4.024 χ^2/NDF : 10.6/12

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

Right Out: -3.251+/-3.690 χ^2/NDF : 15.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

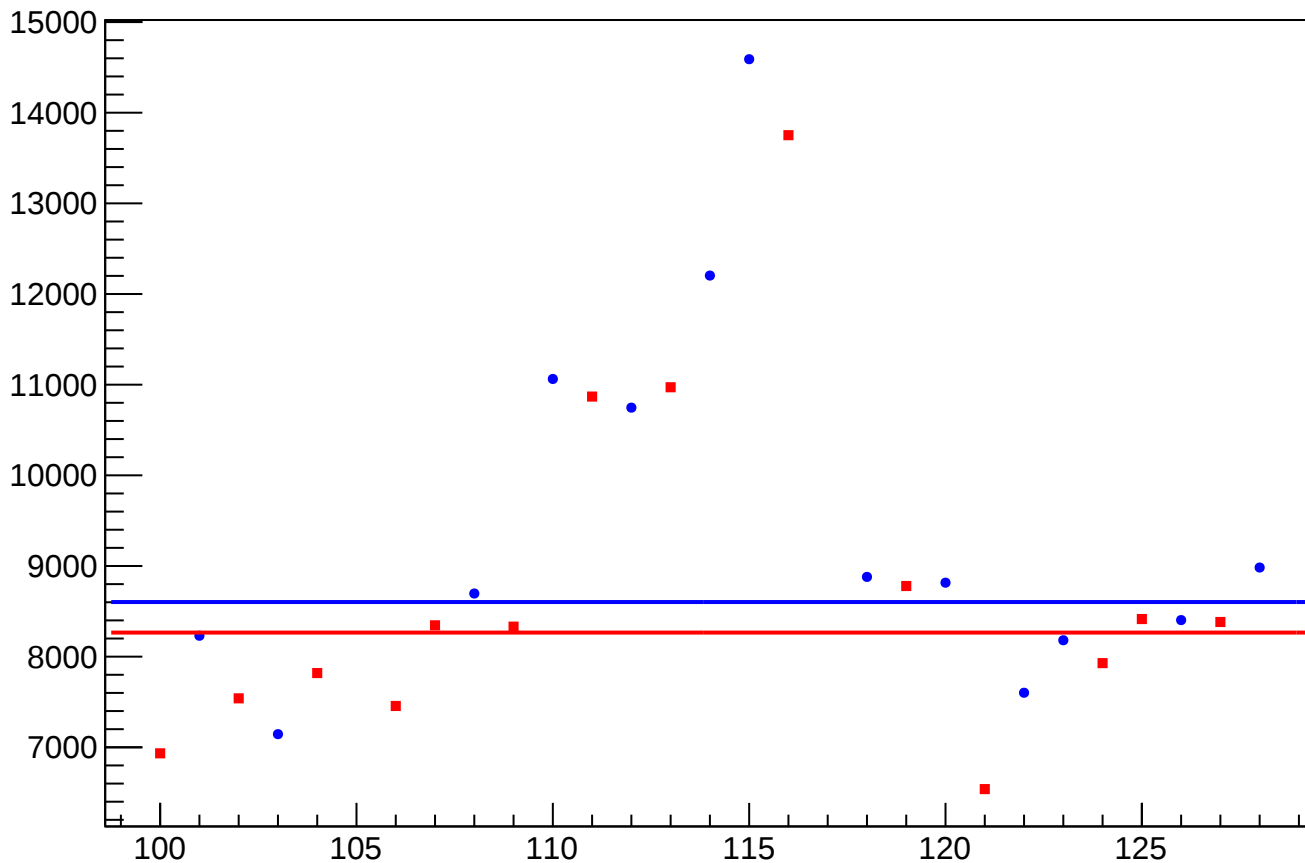
Right: -3.343+/-2.720 χ^2/NDF : 25.7/26

In: -3.453+/-4.024 χ^2/NDF : 10.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.343+/-2.720 χ^2/NDF : 25.7/26

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8602.407+/-2.846 χ^2/NDF : 204370.3/12

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

Right Out: 8265.660+/-2.609 χ^2/NDF : 265122.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

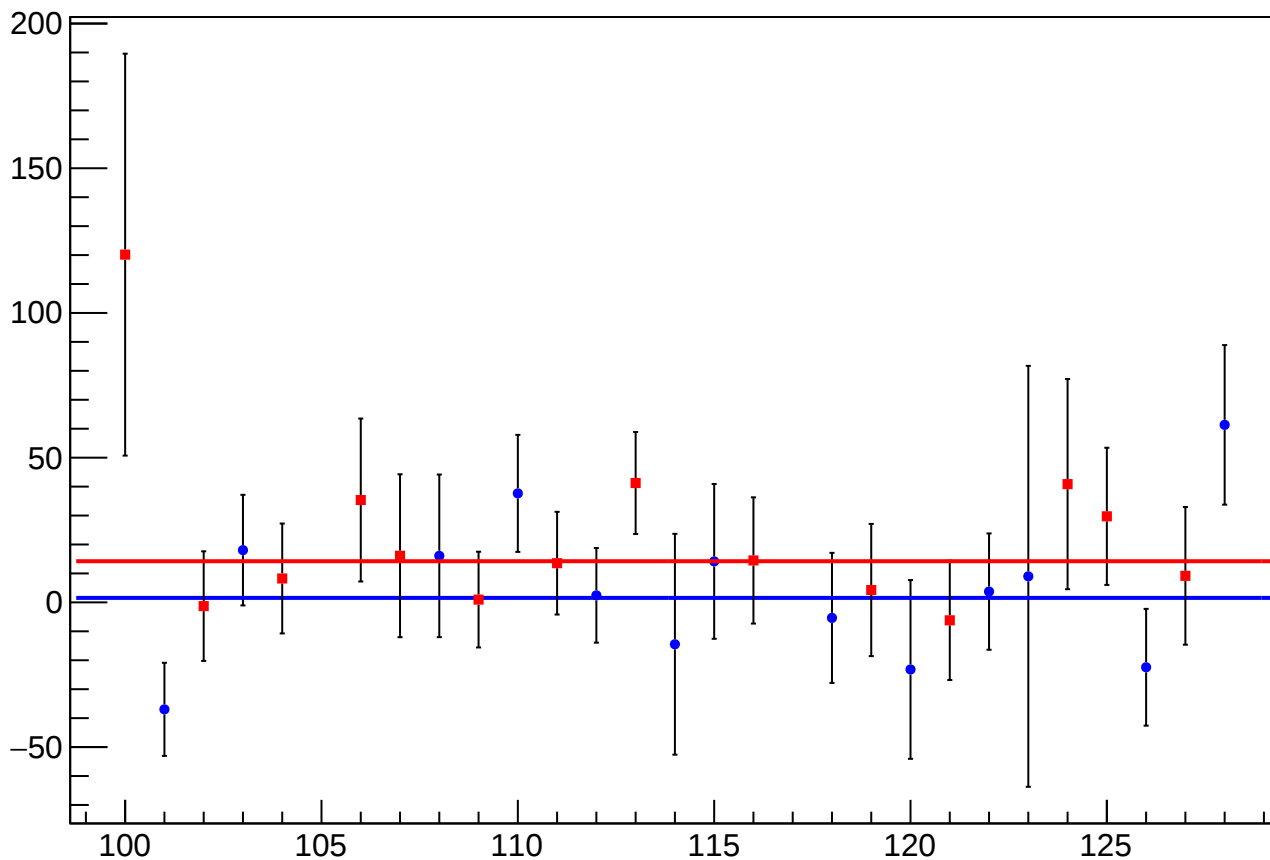
Right: 8419.474+/-1.923 χ^2/NDF : 477100.4/26

In: 8602.407+/-2.846 χ^2/NDF : 204370.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8419.474+/-1.923 χ^2/NDF : 477100.4/26

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: 1.550+/-6.249 χ^2/NDF : 17.2/12

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

Right Out: 14.223+/-5.870 χ^2/NDF : 8.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

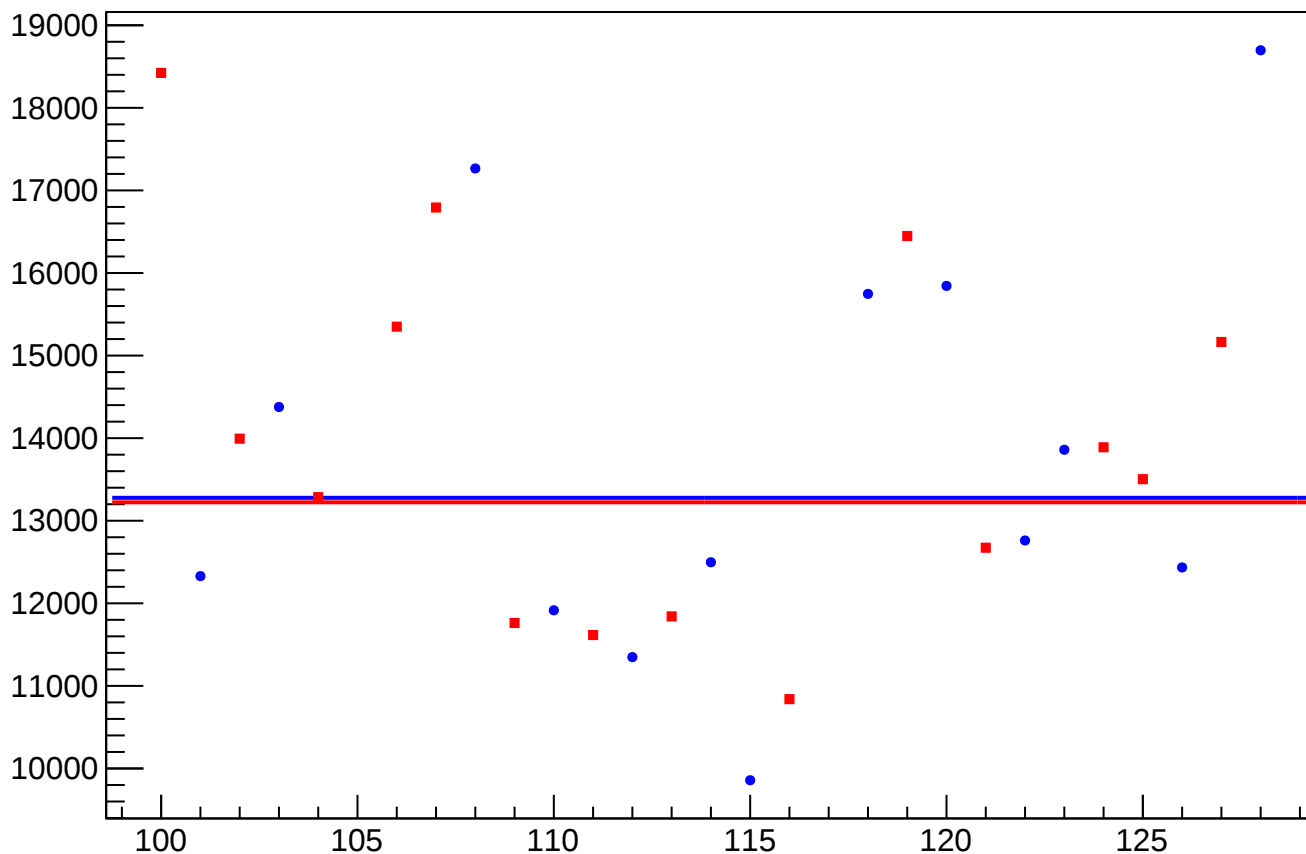
Right: 8.282+/-4.278 χ^2/NDF : 28.2/26

In: 1.550+/-6.249 χ^2/NDF : 17.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.282+/-4.278 χ^2/NDF : 28.2/26

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13277.696+/-4.419 χ^2/NDF : 244550.7/12

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

Right Out: 13223.212+/-4.151 χ^2/NDF : 181884.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

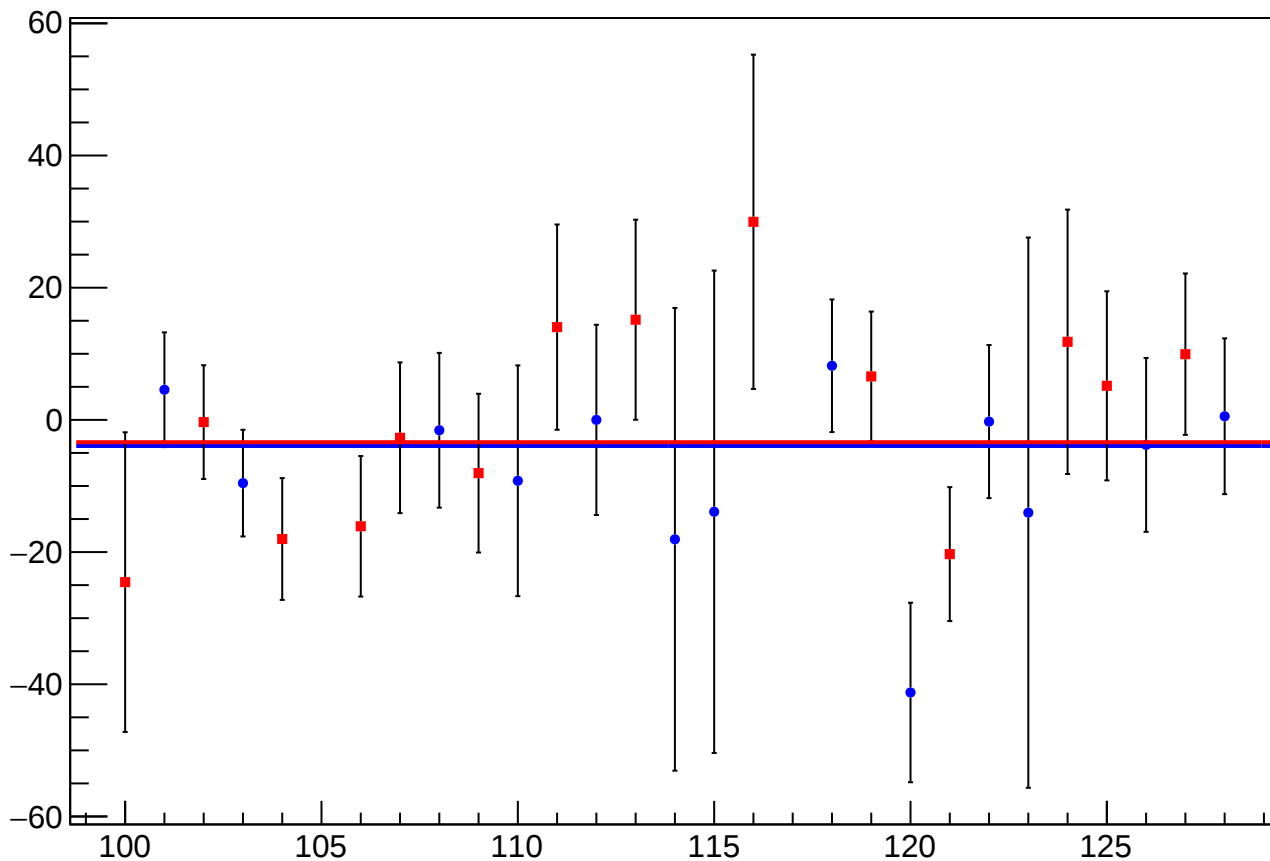
Right: 13248.753+/-3.025 χ^2/NDF : 426515.5/26

In: 13277.696+/-4.419 χ^2/NDF :244550.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13248.753+/-3.025 χ^2/NDF : 426515.5/26

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -3.945+/-3.493 χ^2/NDF : 11.2/12

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

Right Out: -3.375+/-3.244 χ^2/NDF : 15.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

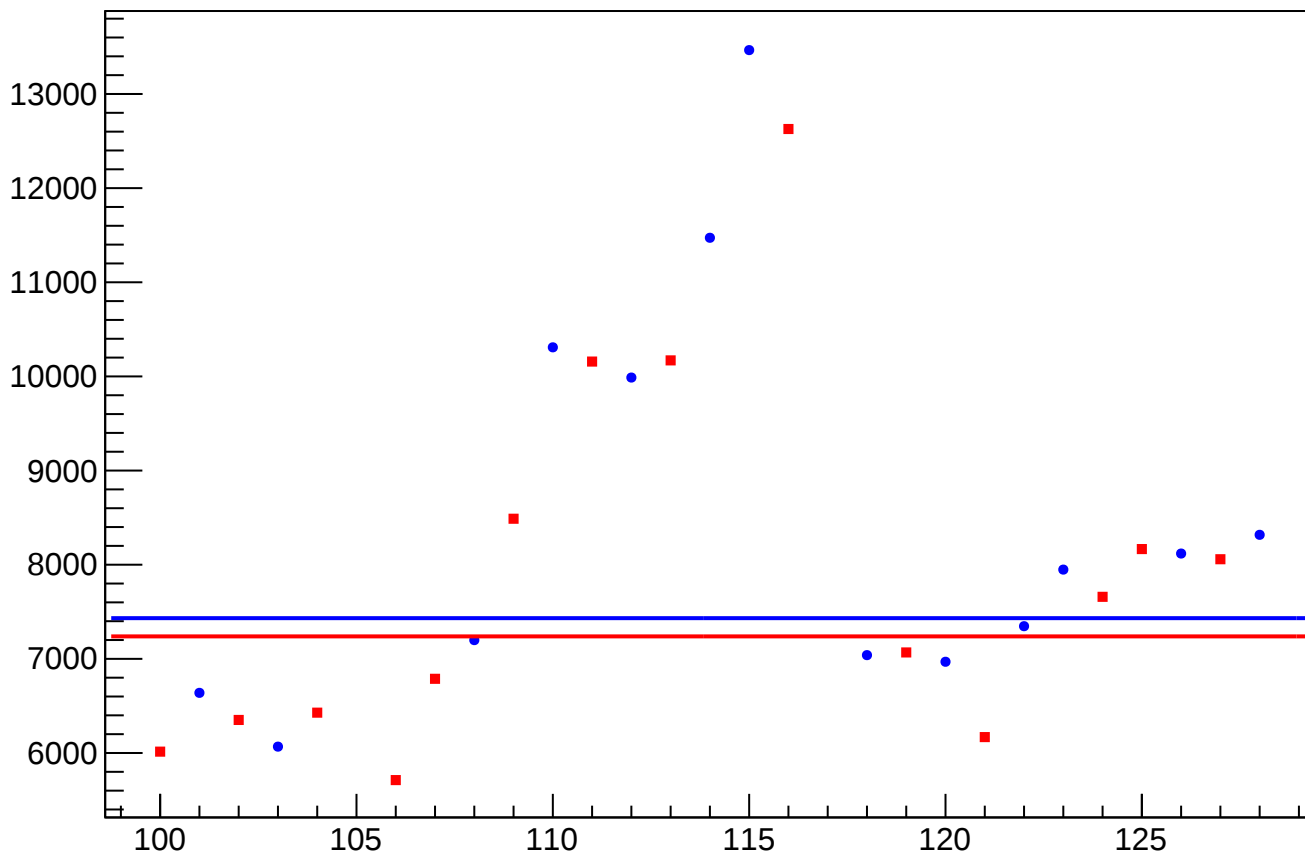
Right: -3.639+/-2.377 χ^2/NDF : 26.8/26

In: -3.945+/-3.493 χ^2/NDF : 11.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.639+/-2.377 χ^2/NDF : 26.8/26

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7432.279+/-2.470 χ^2/NDF : 295992.1/12

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

Right Out: 7238.595+/-2.294 χ^2/NDF : 386359.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

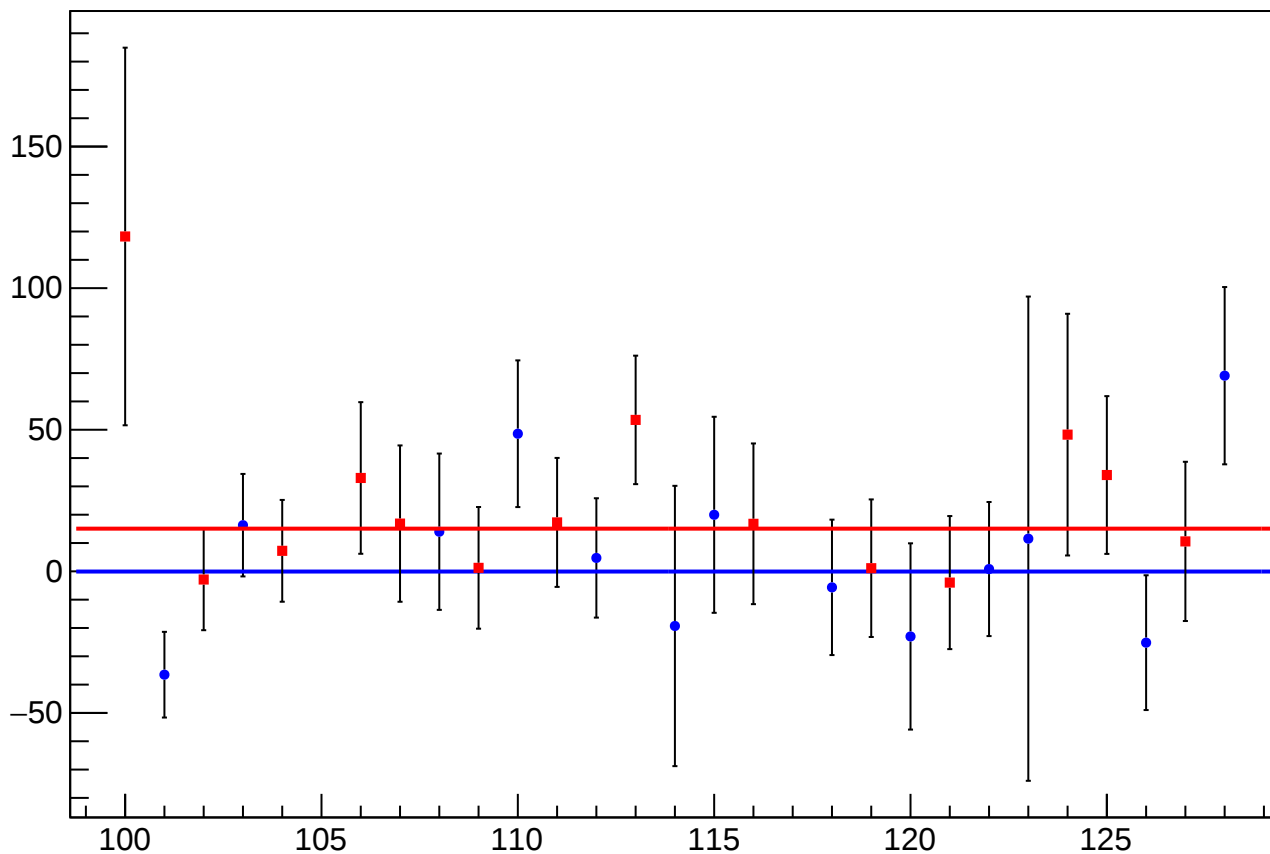
Right: 7328.307+/-1.681 χ^2/NDF : 685653.1/26

In: 7432.279+/-2.470 χ^2/NDF : 295992.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7328.307+/-1.681 χ^2/NDF : 685653.1/26

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -0.068 ± 6.884 $\chi^2/\text{NDF}: 17.5/12$

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

Right Out: 15.076 ± 6.588 $\chi^2/\text{NDF}: 9.4/13$

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

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

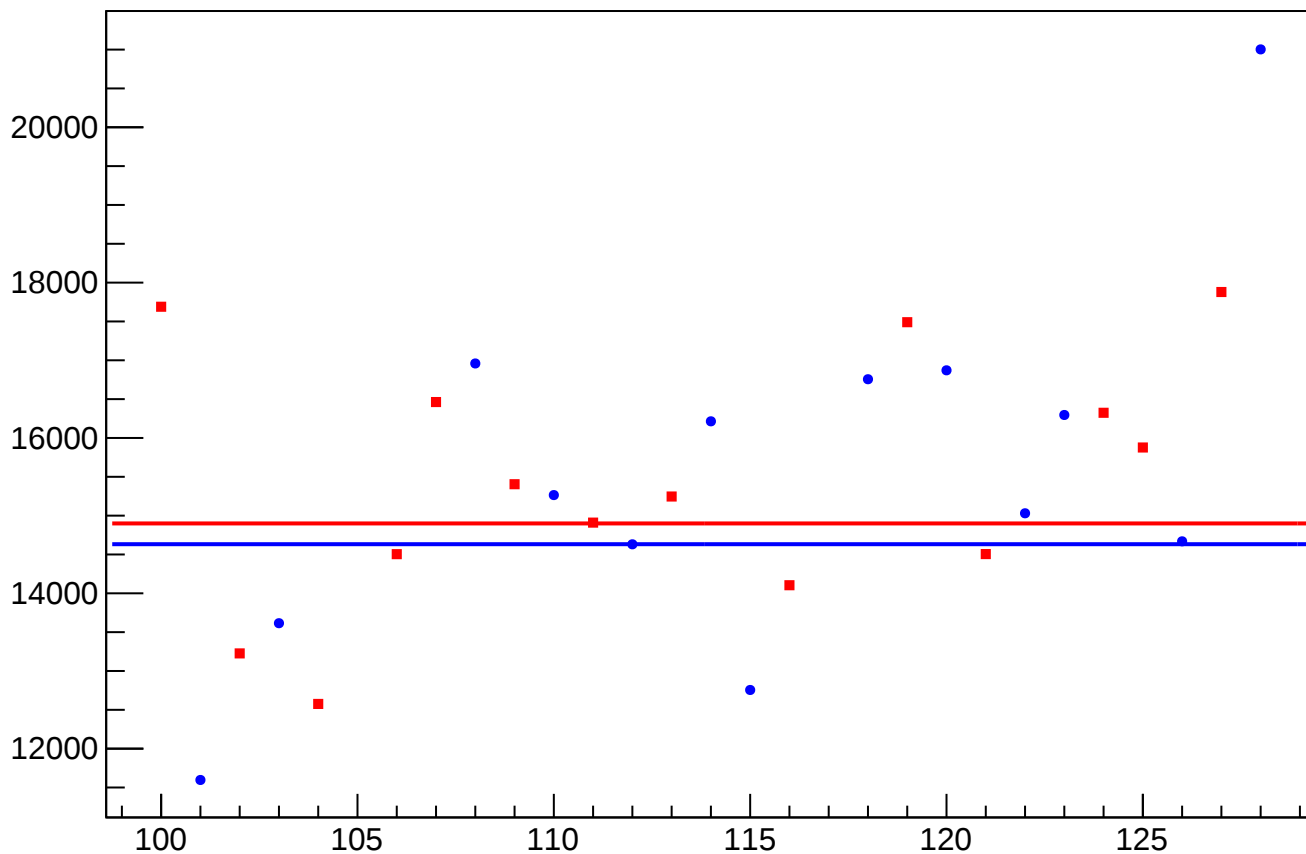
Right: 7.836 ± 4.760 $\chi^2/\text{NDF}: 29.4/26$

In: -0.068 ± 6.884 $\chi^2/\text{NDF}: 17.5/12$

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

All: 7.836 ± 4.760 $\chi^2/\text{NDF}: 29.4/26$

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 14632.356+/-4.868 χ^2/NDF : 219347.3/12

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

Right Out: 14899.620+/-4.659 χ^2/NDF : 114870.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

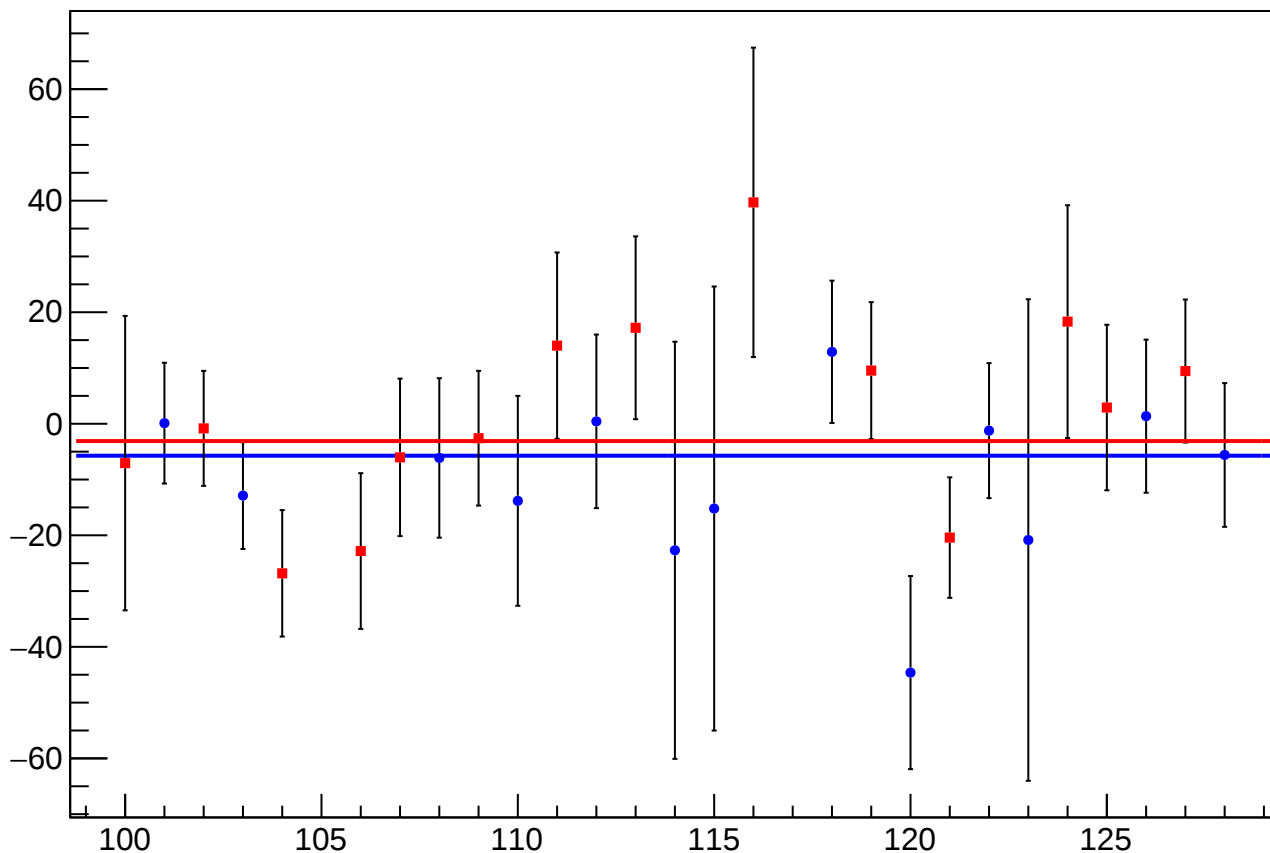
Right: 14771.851+/-3.366 χ^2/NDF : 335791.4/26

In: 14632.356+/-4.868 χ^2/NDF : 219347.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14771.851+/-3.366 χ^2/NDF : 335791.4/26

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -5.729+/-4.056 χ^2/NDF : 9.2/12

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

Right Out: -3.103+/-3.718 χ^2/NDF : 17.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

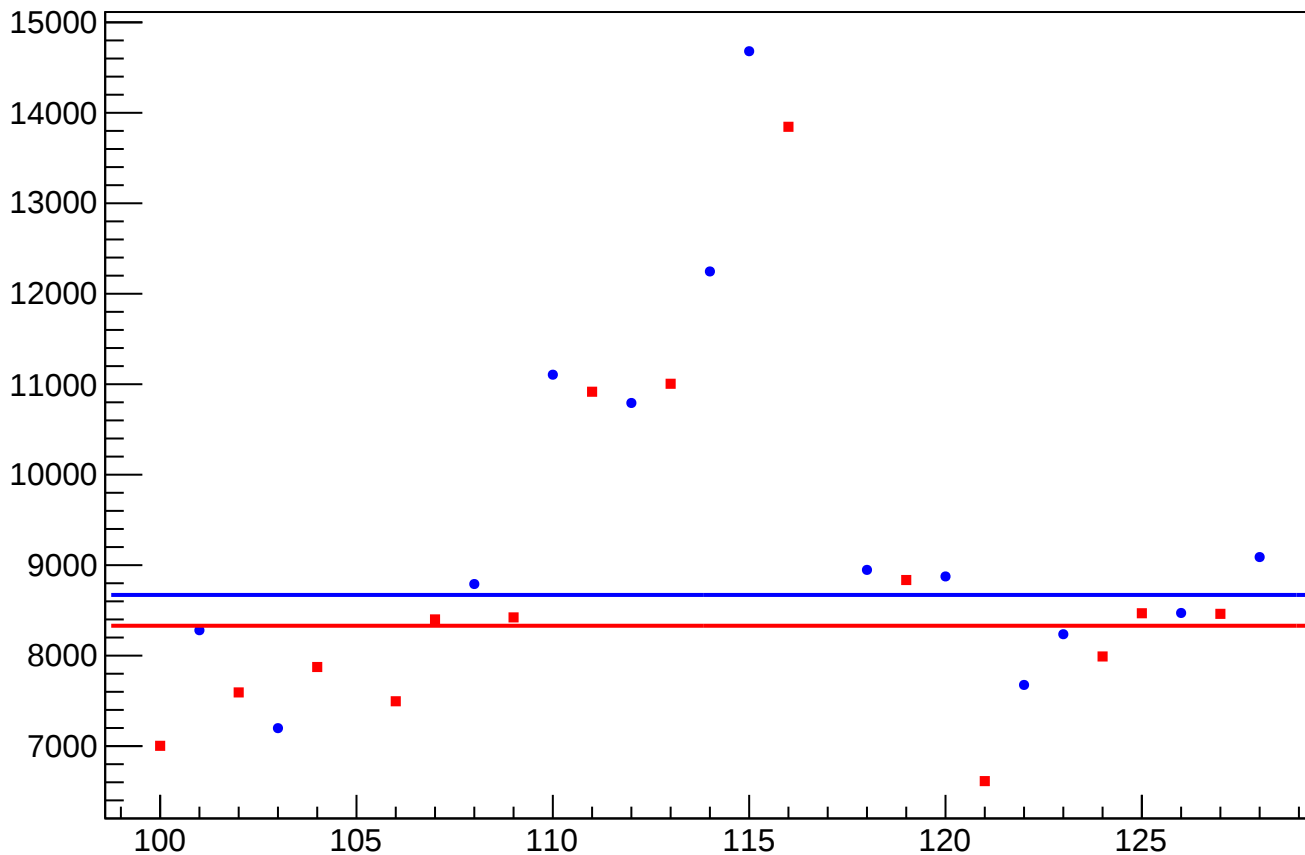
Right: -4.303+/-2.741 χ^2/NDF : 26.6/26

In: -5.729+/-4.056 χ^2/NDF : 9.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.303+/-2.741 χ^2/NDF : 26.6/26

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8670.884+/-2.868 χ^2/NDF : 202044.4/12

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

Right Out: 8330.279+/-2.629 χ^2/NDF : 260923.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

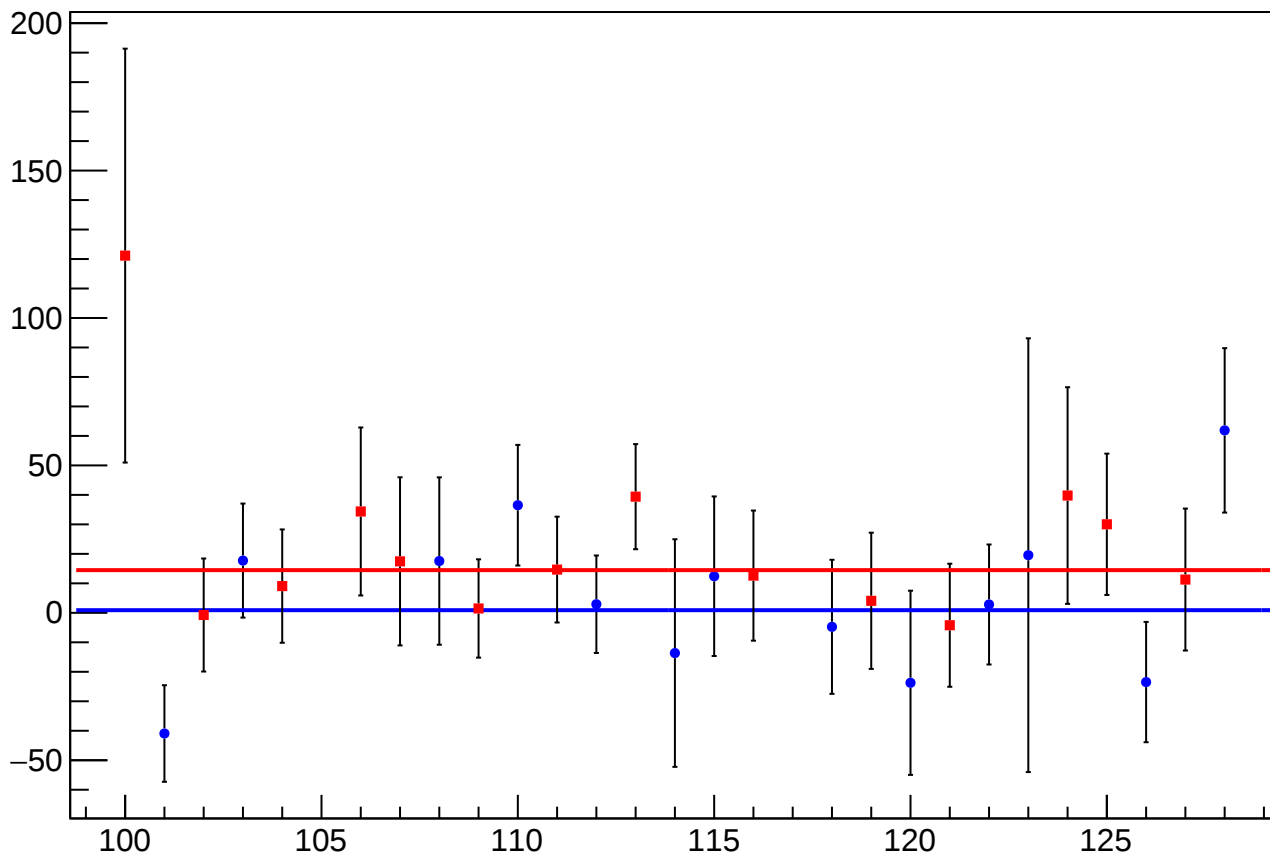
Right: 8485.817+/-1.938 χ^2/NDF : 470632.7/26

In: 8670.884+/-2.868 χ^2/NDF : 202044.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8485.817+/-1.938 χ^2/NDF : 470632.7/26

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: 0.898+/-6.327 χ^2/NDF : 18.0/12

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

Right Out: 14.482+/-5.936 χ^2/NDF : 8.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

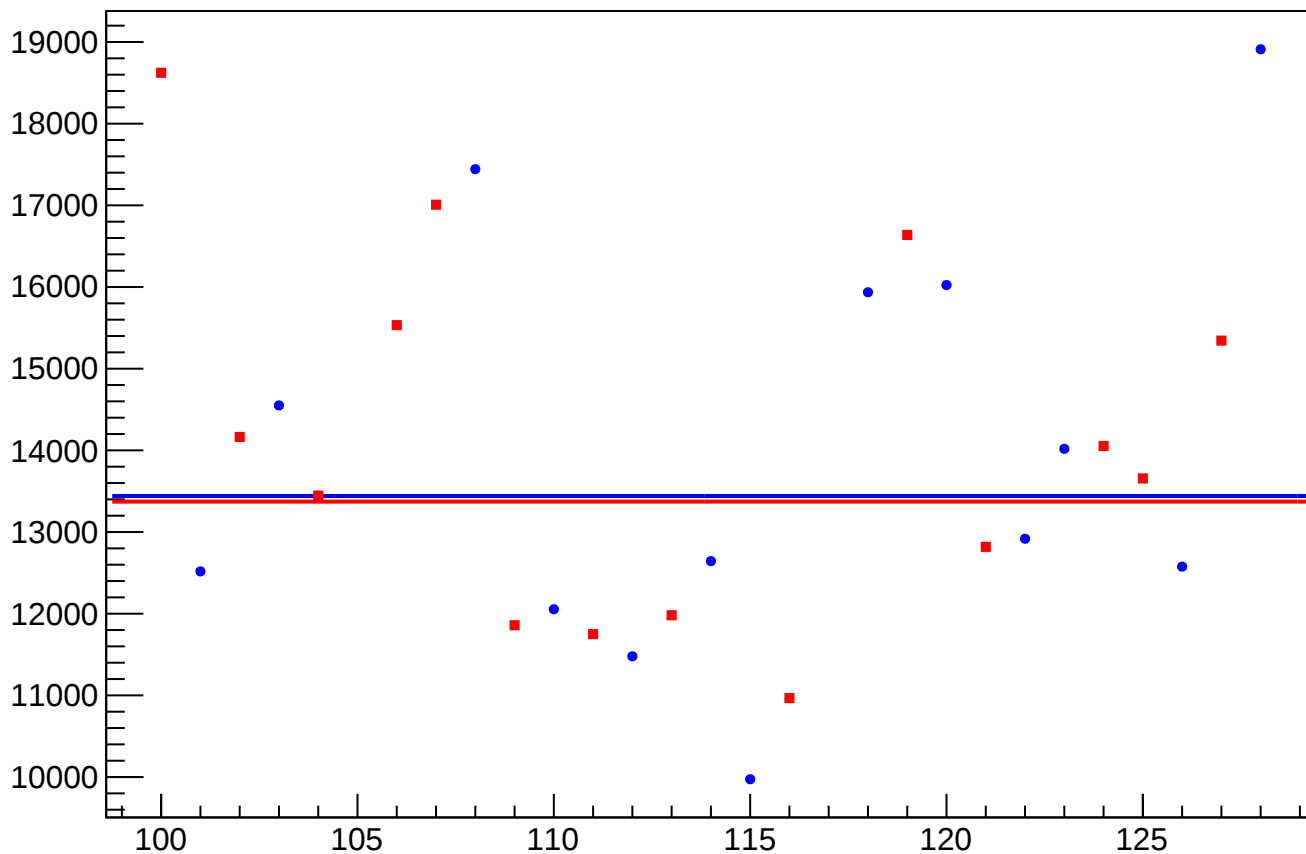
Right: 8.122+/-4.329 χ^2/NDF : 28.4/26

In: 0.898+/-6.327 χ^2/NDF : 18.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.122+/-4.329 χ^2/NDF : 28.4/26

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13441.109+/-4.474 χ^2/NDF : 243514.4/12

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

Right Out: 13372.262+/-4.198 χ^2/NDF : 183141.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

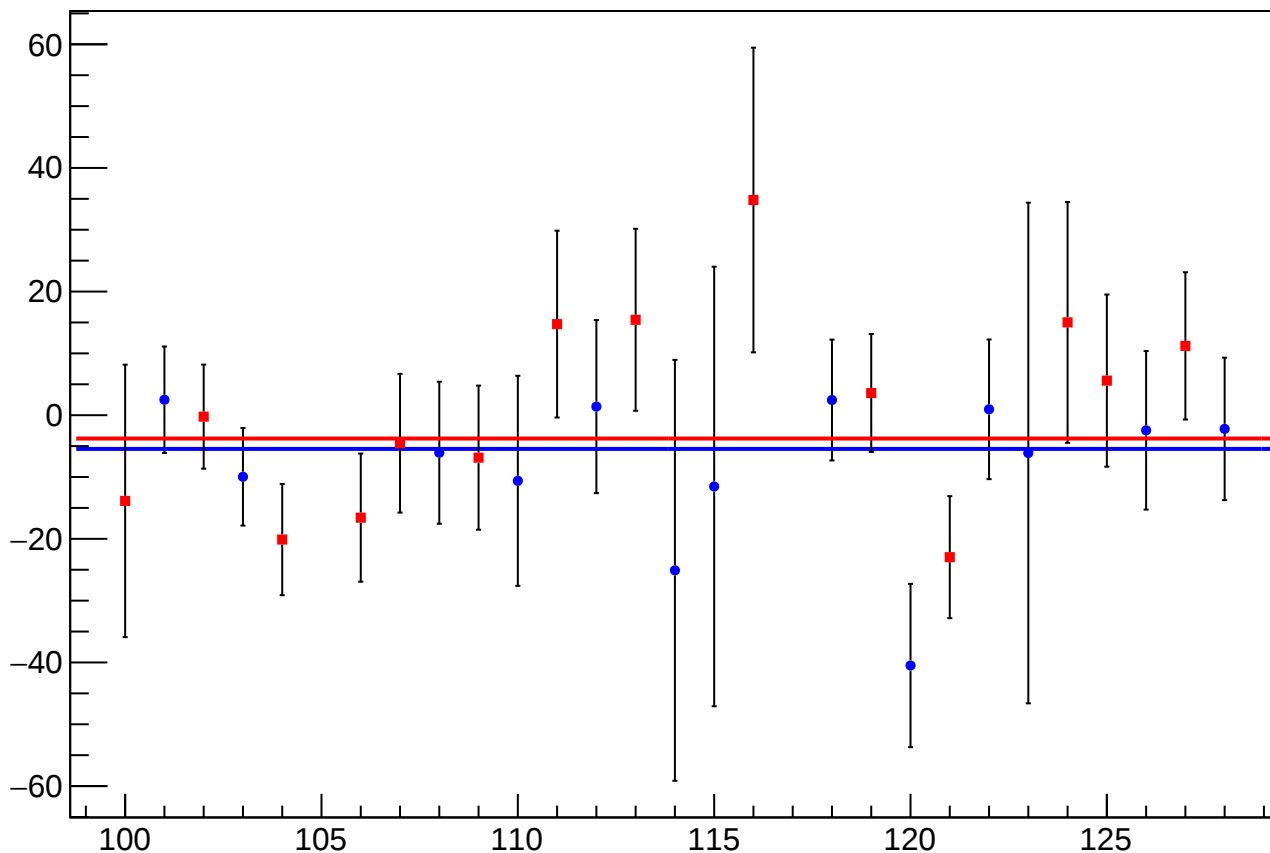
Right: 13404.493+/-3.061 χ^2/NDF : 426782.1/26

In: 13441.109+/-4.474 χ^2/NDF : 243514.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13404.493+/-3.061 χ^2/NDF : 426782.1/26

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -5.453+/-3.418 χ^2/NDF : 10.0/12

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

Right Out: -3.776+/-3.165 χ^2/NDF : 18.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

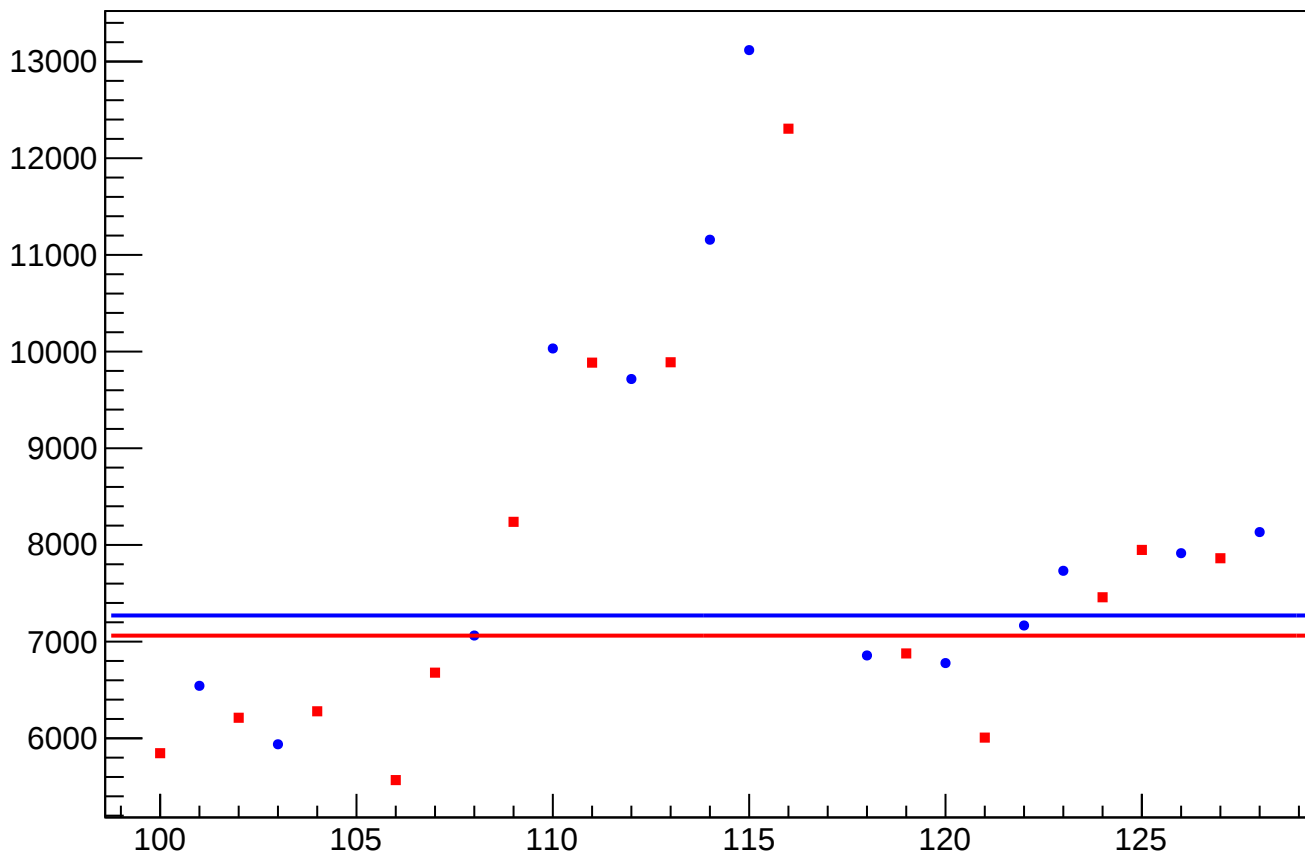
Right: -4.550+/-2.322 χ^2/NDF : 28.4/26

In: -5.453+/-3.418 χ^2/NDF : 10.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.550+/-2.322 χ^2/NDF : 28.4/26

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7270.444+/-2.417 χ^2/NDF : 289021.2/12

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

Right Out: 7062.087+/-2.238 χ^2/NDF : 381615.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

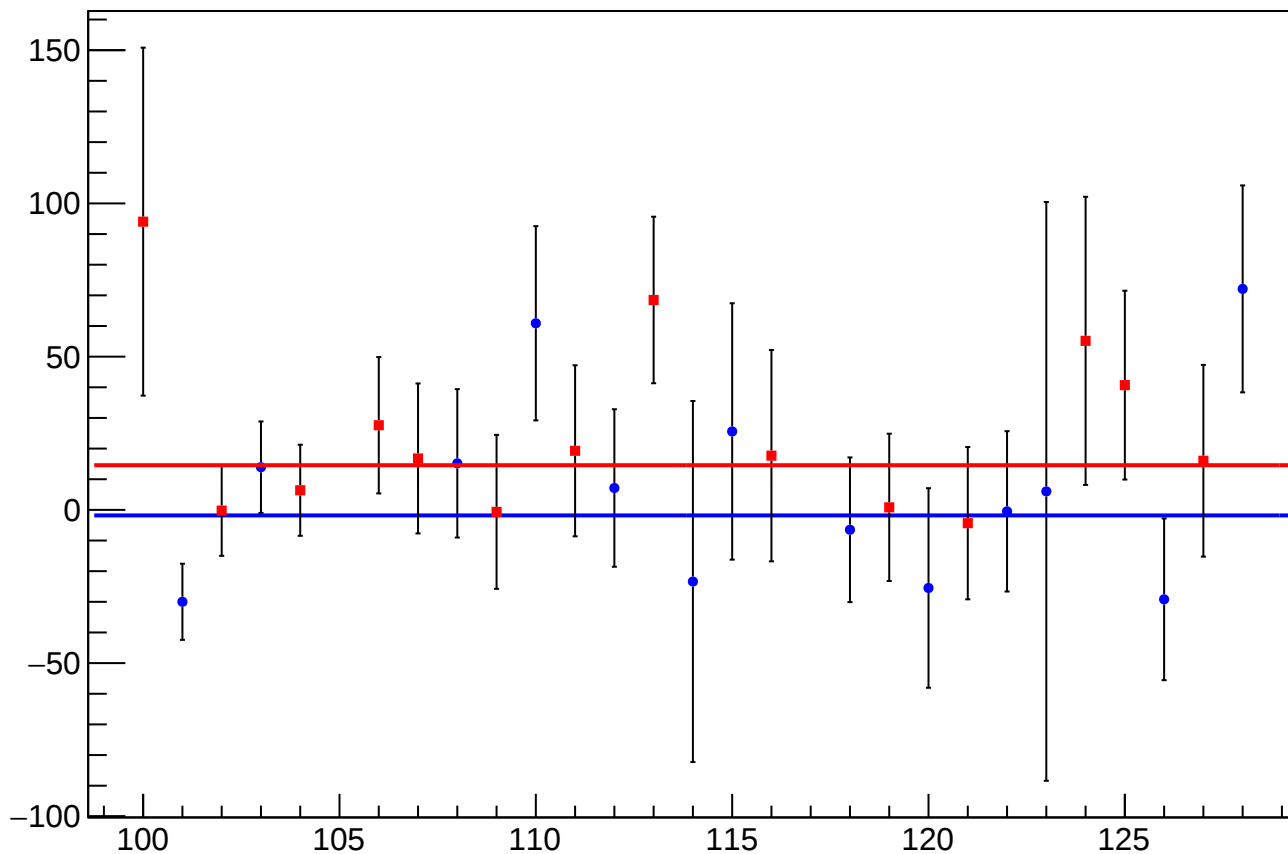
Right: 7158.259+/-1.642 χ^2/NDF : 674638.5/26

In: 7270.444+/-2.417 χ^2/NDF : 289021.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7158.259+/-1.642 χ^2/NDF : 674638.5/26

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -1.808+/-6.641 χ^2/NDF : 17.8/12

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

Right Out: 14.577+/-6.446 χ^2/NDF : 10.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

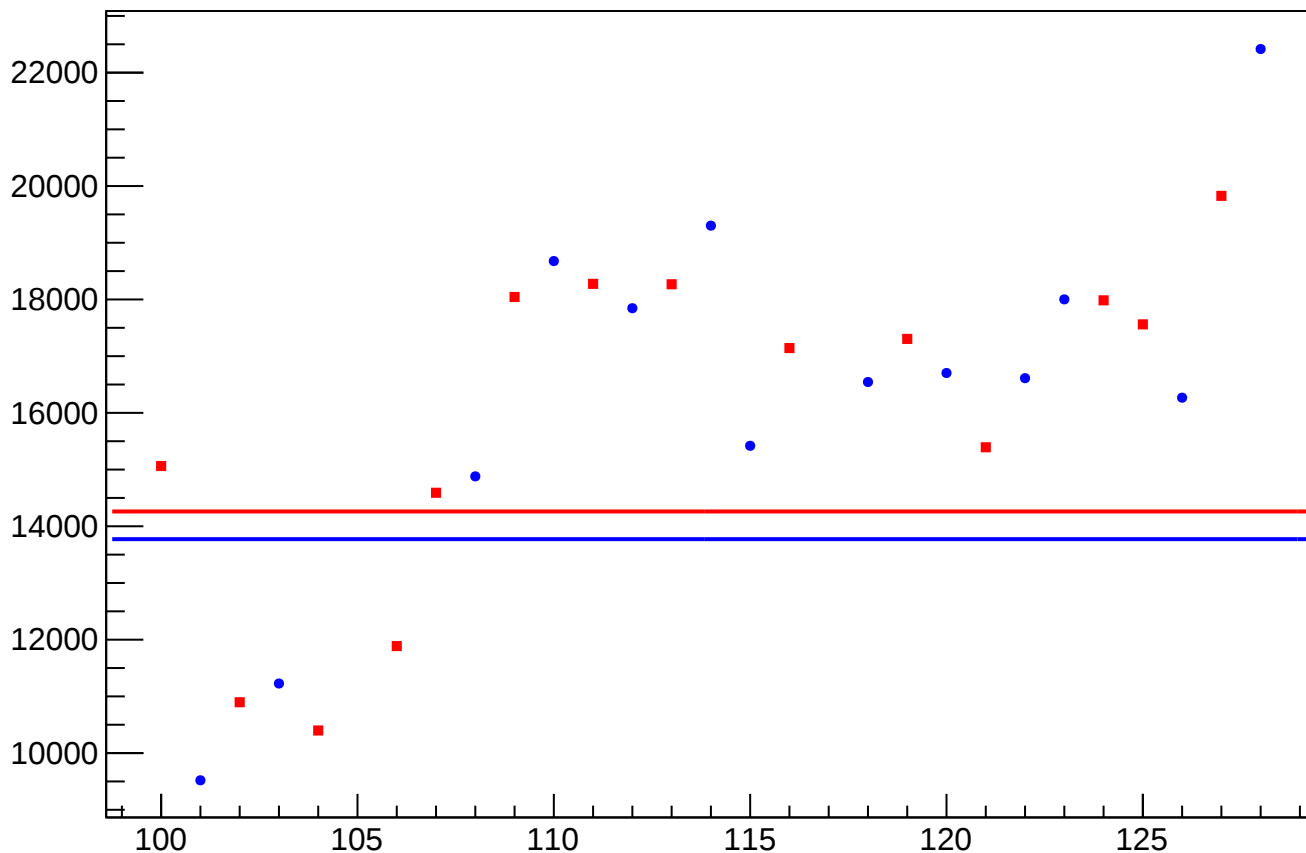
Right: 6.629+/-4.625 χ^2/NDF : 31.3/26

In: -1.808+/-6.641 χ^2/NDF : 17.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.629+/-4.625 χ^2/NDF : 31.3/26

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 13772.817+/-4.696 χ^2/NDF : 635987.1/12

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

Right Out: 14261.133+/-4.558 χ^2/NDF : 541870.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

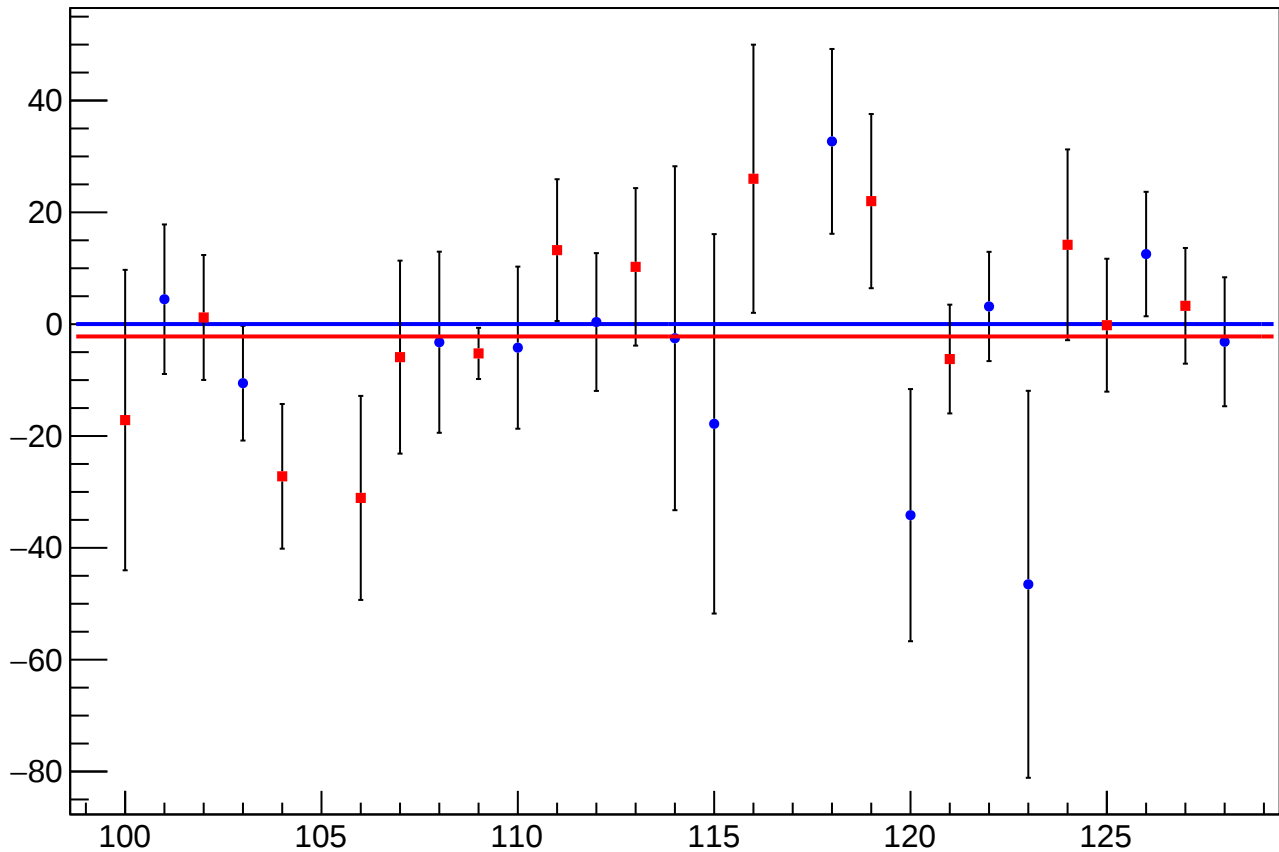
Right: 14024.267+/-3.271 χ^2/NDF : 1183425.8/26

In: 13772.817+/-4.696 χ^2/NDF :635987.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14024.267+/-3.271 χ^2/NDF : 1183425.8/26

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.022+/-3.931 χ^2/NDF : 11.0/12

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

Right Out: -2.198+/-2.923 χ^2/NDF : 14.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

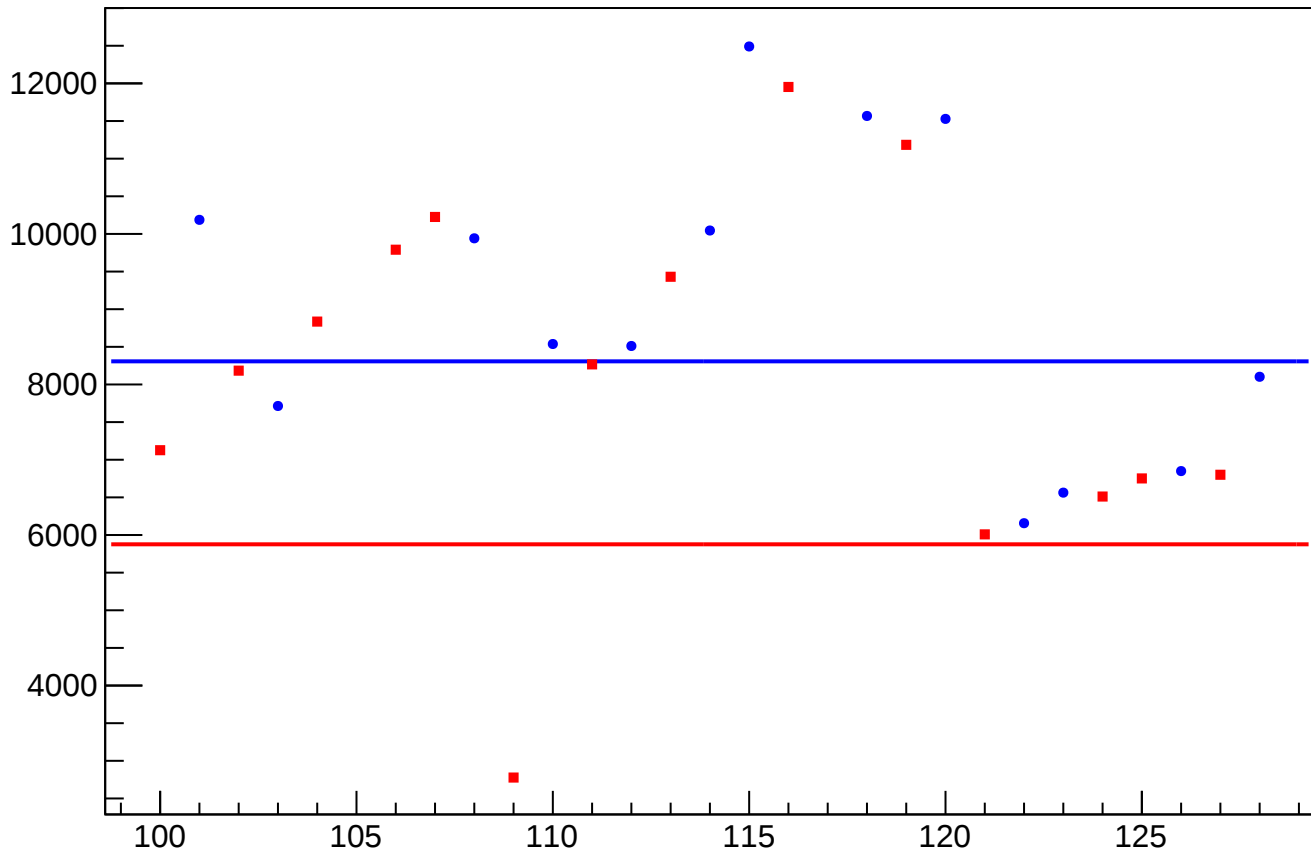
Right: -1.407+/-2.346 χ^2/NDF : 25.8/26

In: 0.022+/-3.931 χ^2/NDF : 11.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.407+/-2.346 χ^2/NDF : 25.8/26

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8307.237+/-2.780 χ^2/NDF : 359981.1/12

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

Right Out: 5876.472+/-2.067 χ^2/NDF : 1918803.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

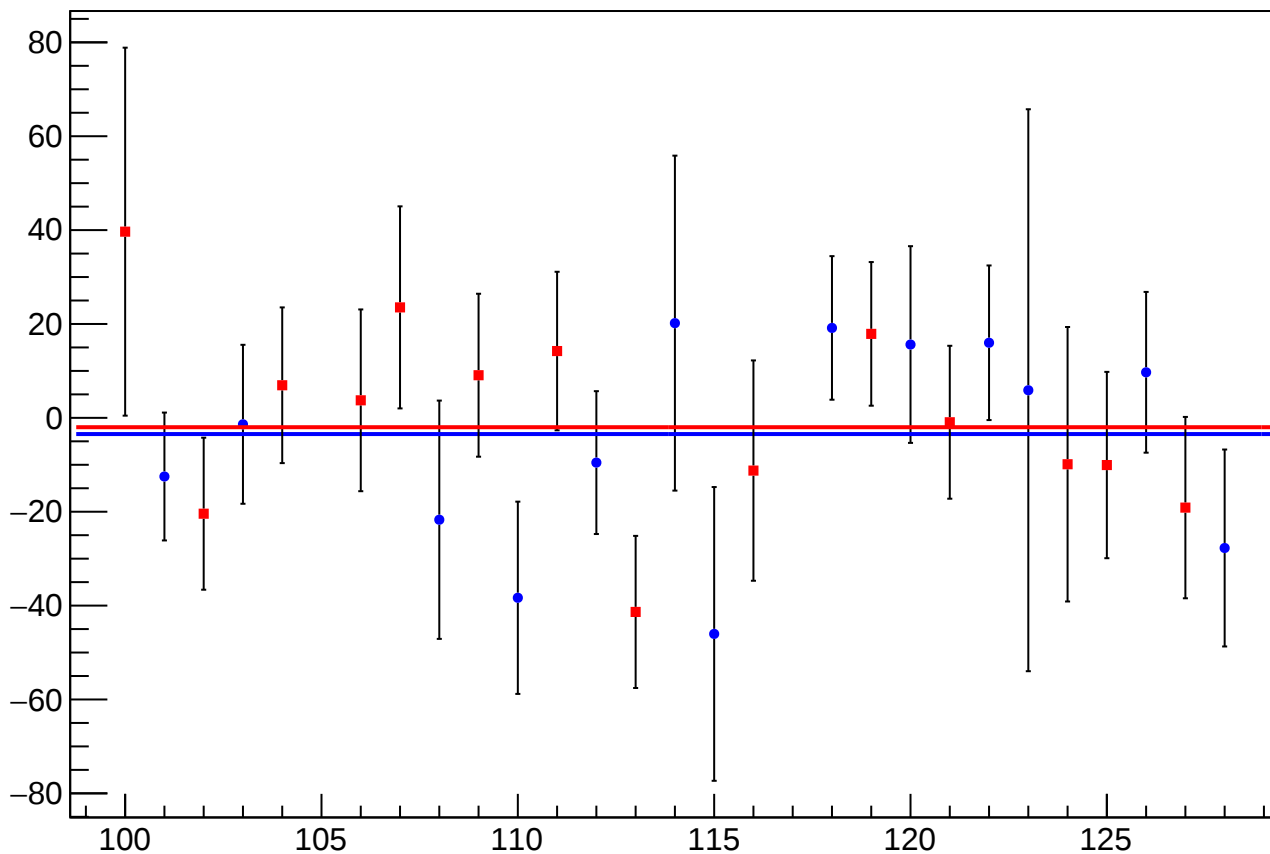
Right: 6742.061+/-1.659 χ^2/NDF : 2771161.6/26

In: 8307.237+/-2.780 χ^2/NDF : 359981.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6742.061+/-1.659 χ^2/NDF : 2771161.6/26

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -3.453+/-5.335 χ^2/NDF : 12.7/12

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

Right Out: -1.993+/-5.013 χ^2/NDF : 14.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

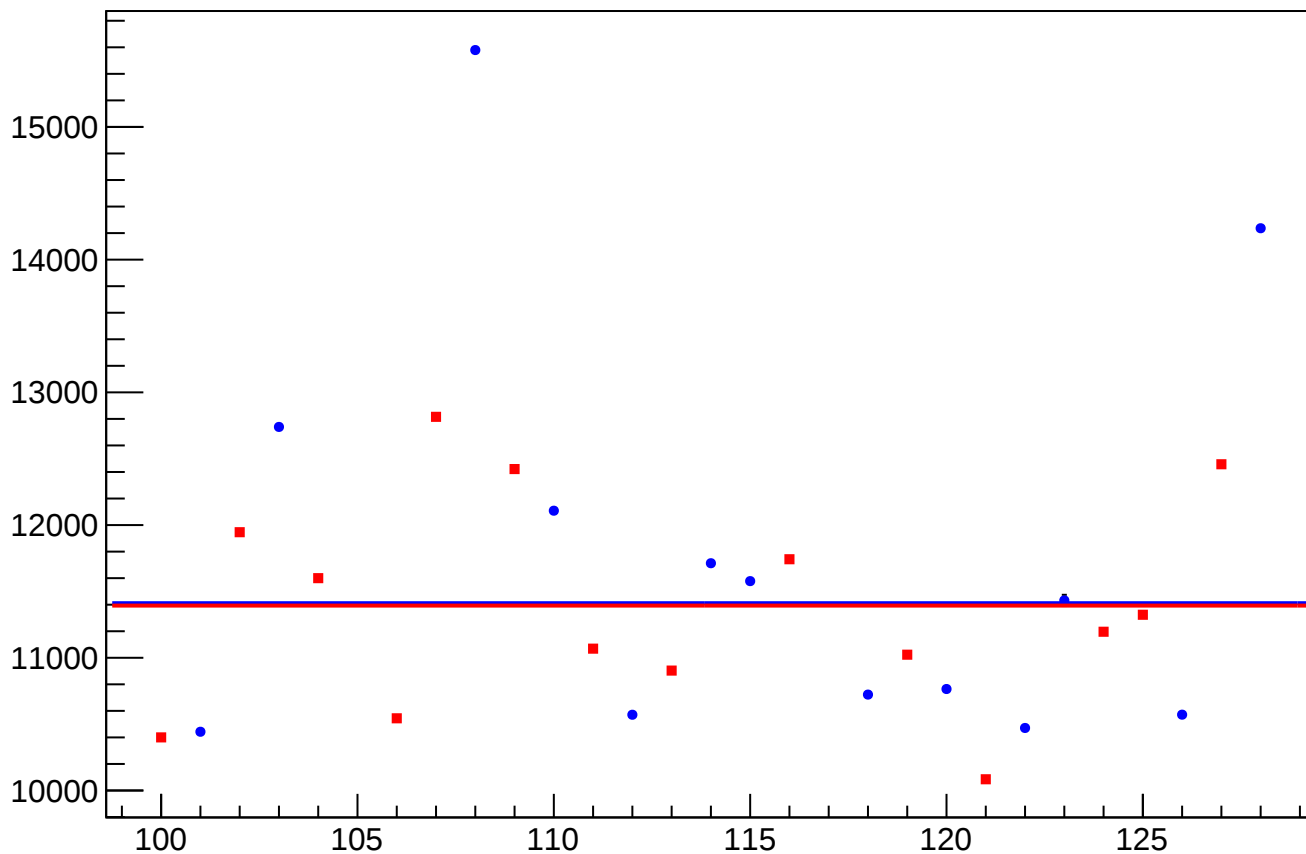
Right: -2.678+/-3.653 χ^2/NDF : 27.0/26

In: -3.453+/-5.335 χ^2/NDF : 12.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.678+/-3.653 χ^2/NDF : 27.0/26

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11411.221+/-3.772 χ^2/NDF : 138516.5/12

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

Right Out: 11393.296+/-3.544 χ^2/NDF : 46808.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

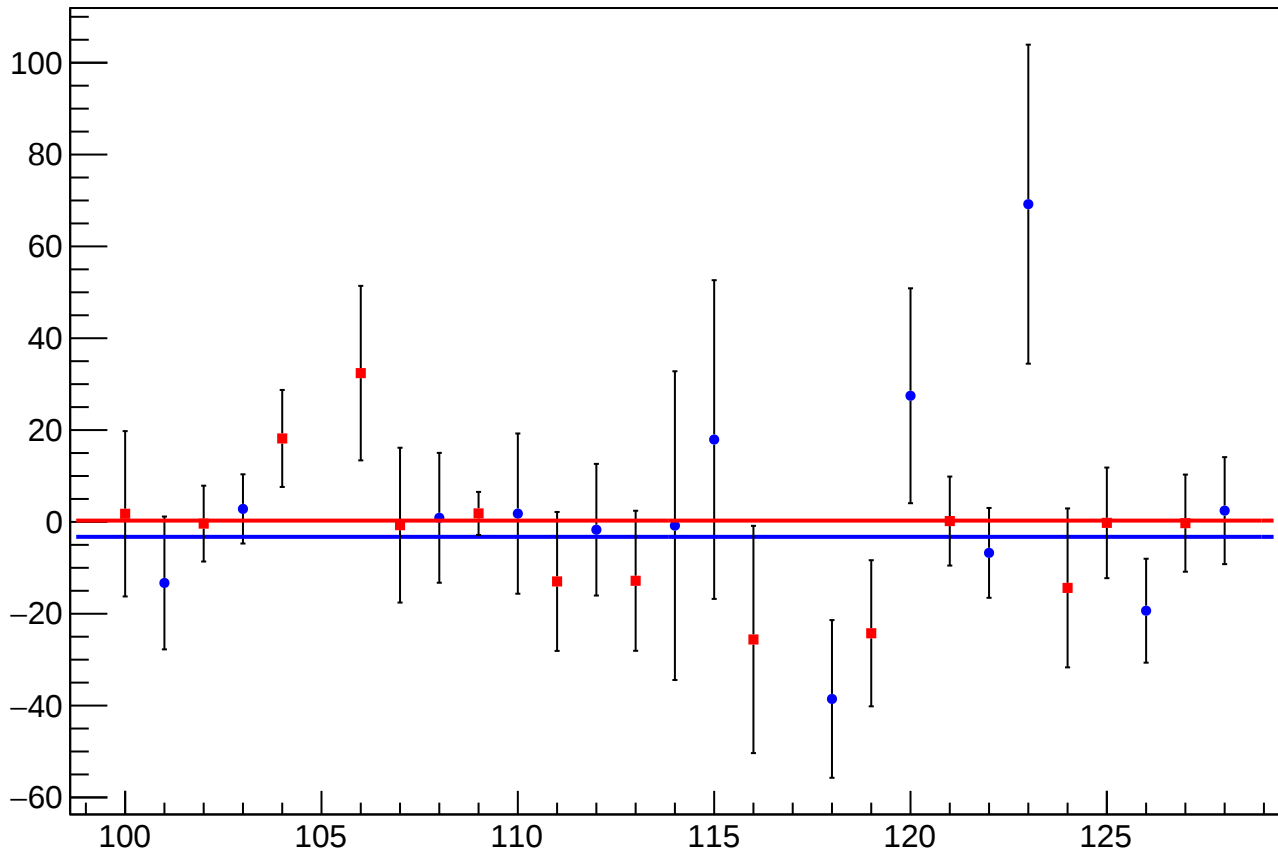
Right: 11401.701+/-2.583 χ^2/NDF : 185336.7/26

In: 11411.221+/-3.772 χ^2/NDF : 138516.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11401.701+/-2.583 χ^2/NDF : 185336.7/26

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -3.251+/-3.809 χ^2/NDF : 14.4/12

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

Right Out: 0.286+/-2.856 χ^2/NDF : 11.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

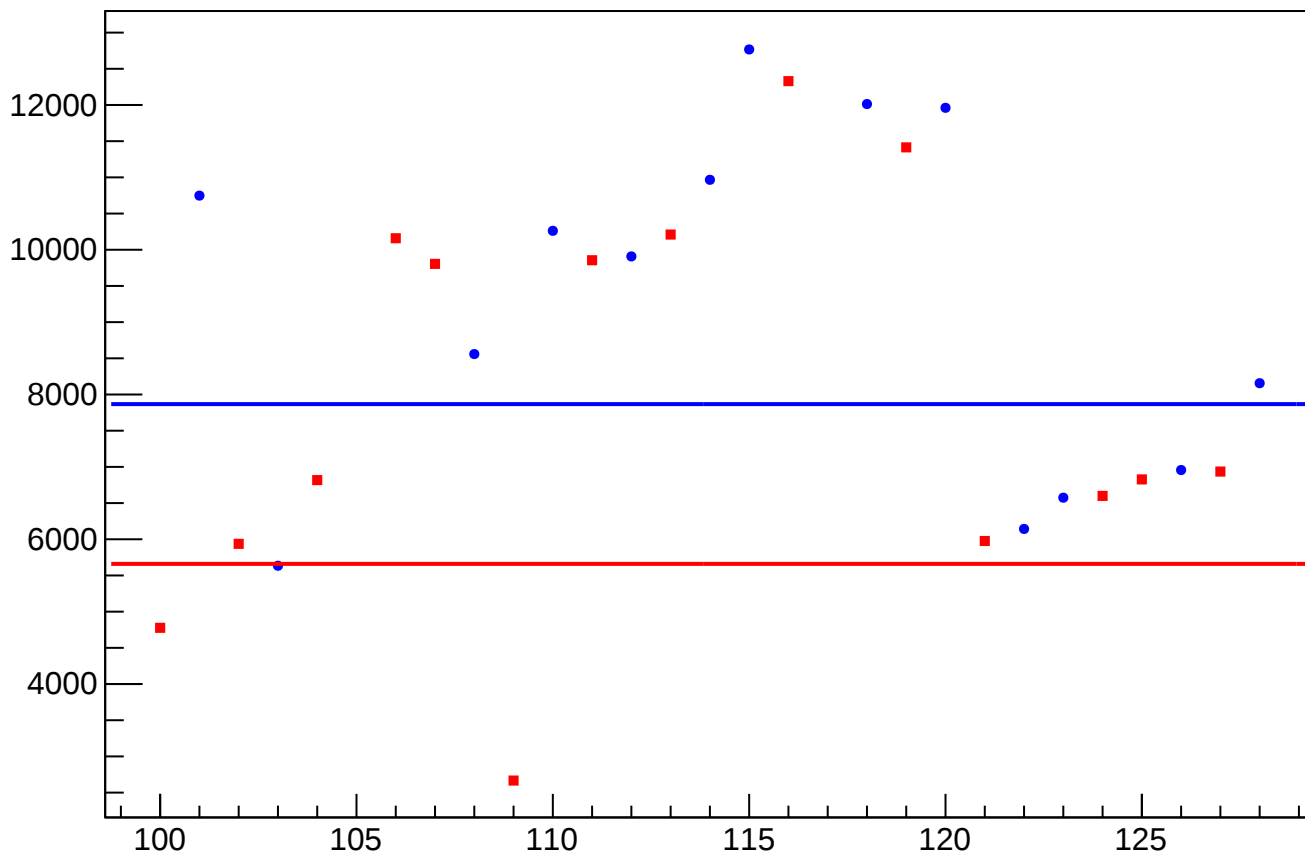
Right: -0.987+/-2.285 χ^2/NDF : 26.5/26

In: -3.251+/-3.809 χ^2/NDF : 14.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.987+/-2.285 χ^2/NDF : 26.5/26

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 7867.347+/-2.694 χ^2/NDF : 651464.8/12

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

Right Out: 5659.993+/-2.020 χ^2/NDF : 1874238.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

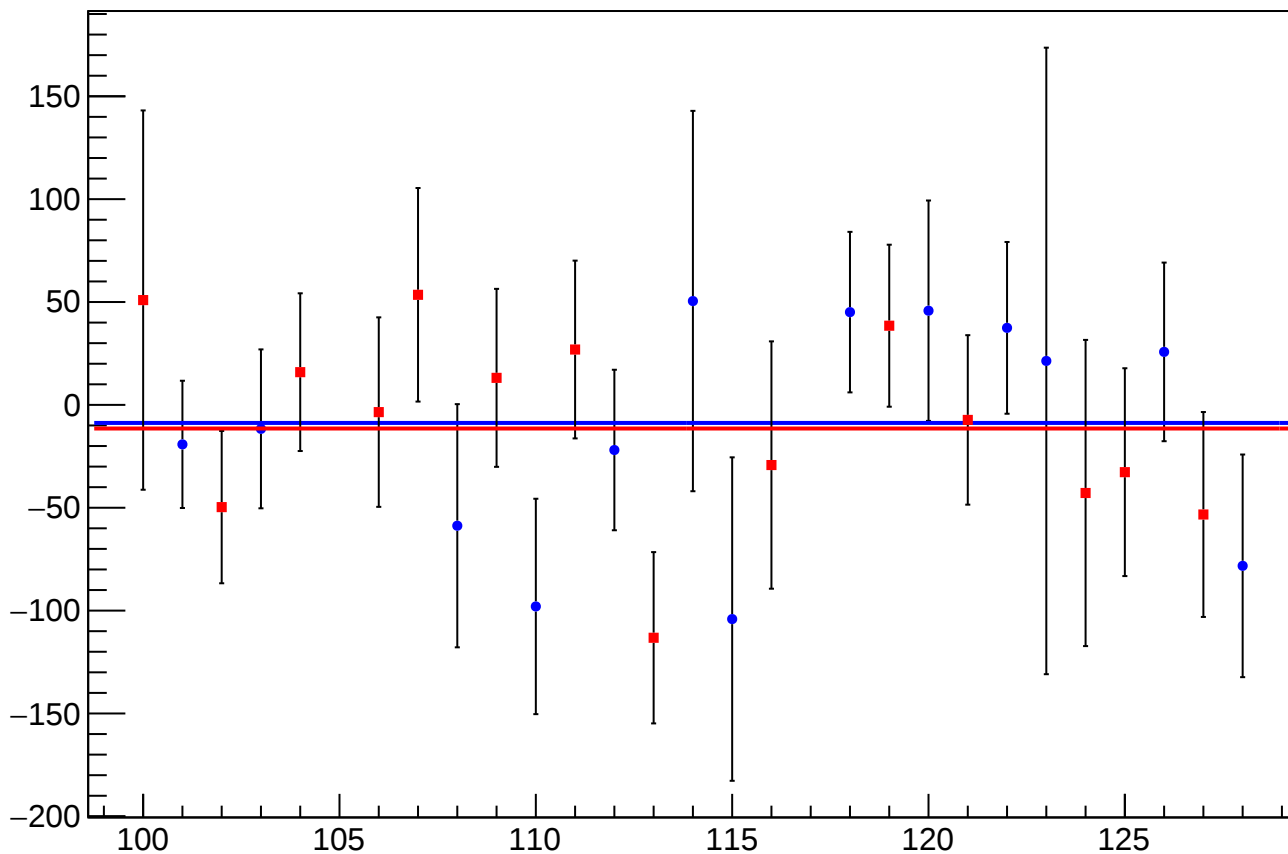
Right: 6454.360+/-1.616 χ^2/NDF : 2955561.8/26

In: 7867.347+/-2.694 χ^2/NDF : 651464.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6454.360+/-1.616 χ^2/NDF : 2955561.8/26

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -8.774+/-13.133 χ^2/NDF : 12.2/12

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

Right Out: -11.486+/-12.399 χ^2/NDF : 13.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

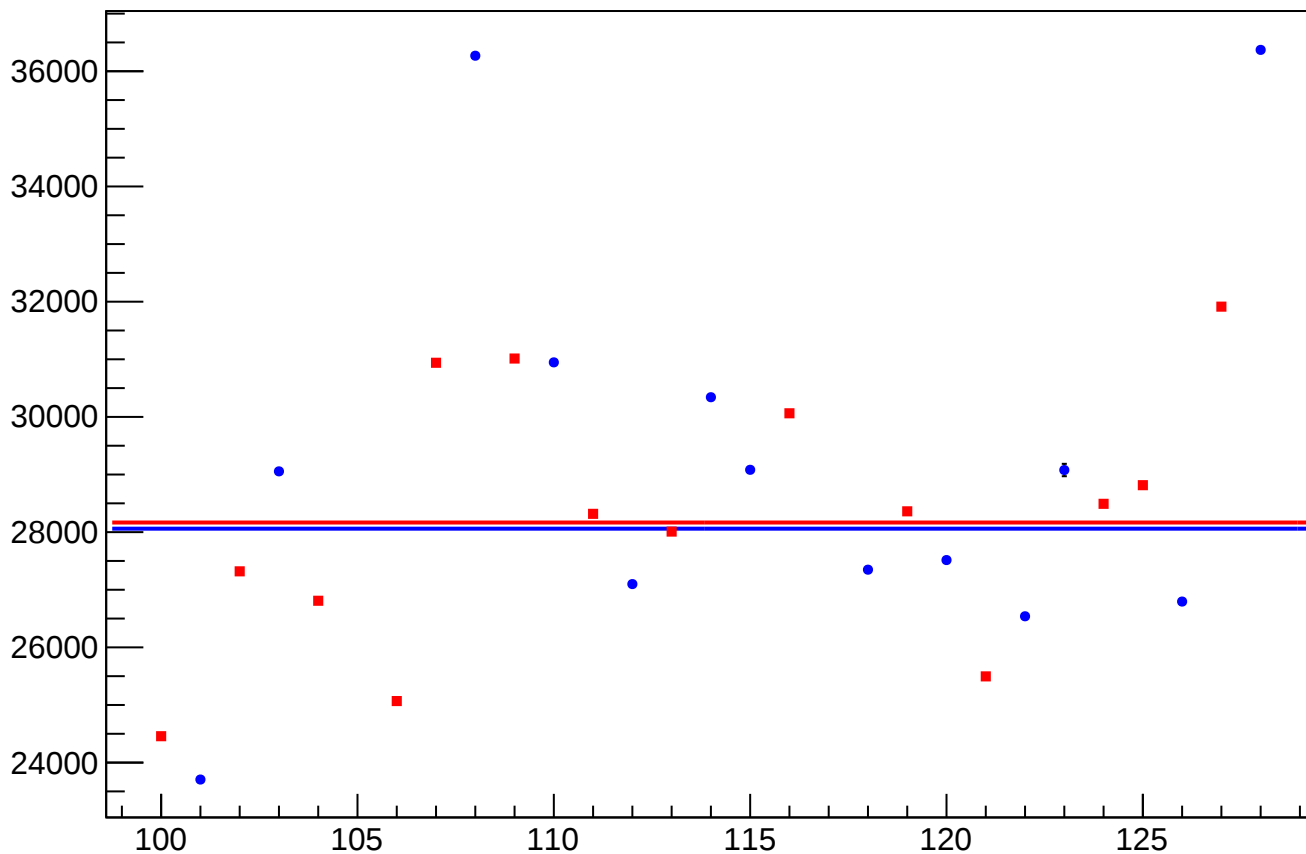
Right: -10.208+/-9.016 χ^2/NDF : 25.7/26

In: -8.774+/-13.133 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.208+/-9.016 χ^2/NDF : 25.7/26

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 28060.082+/-9.287 χ^2/NDF : 140892.0/12

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

Right Out: 28167.024+/-8.768 χ^2/NDF : 52403.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

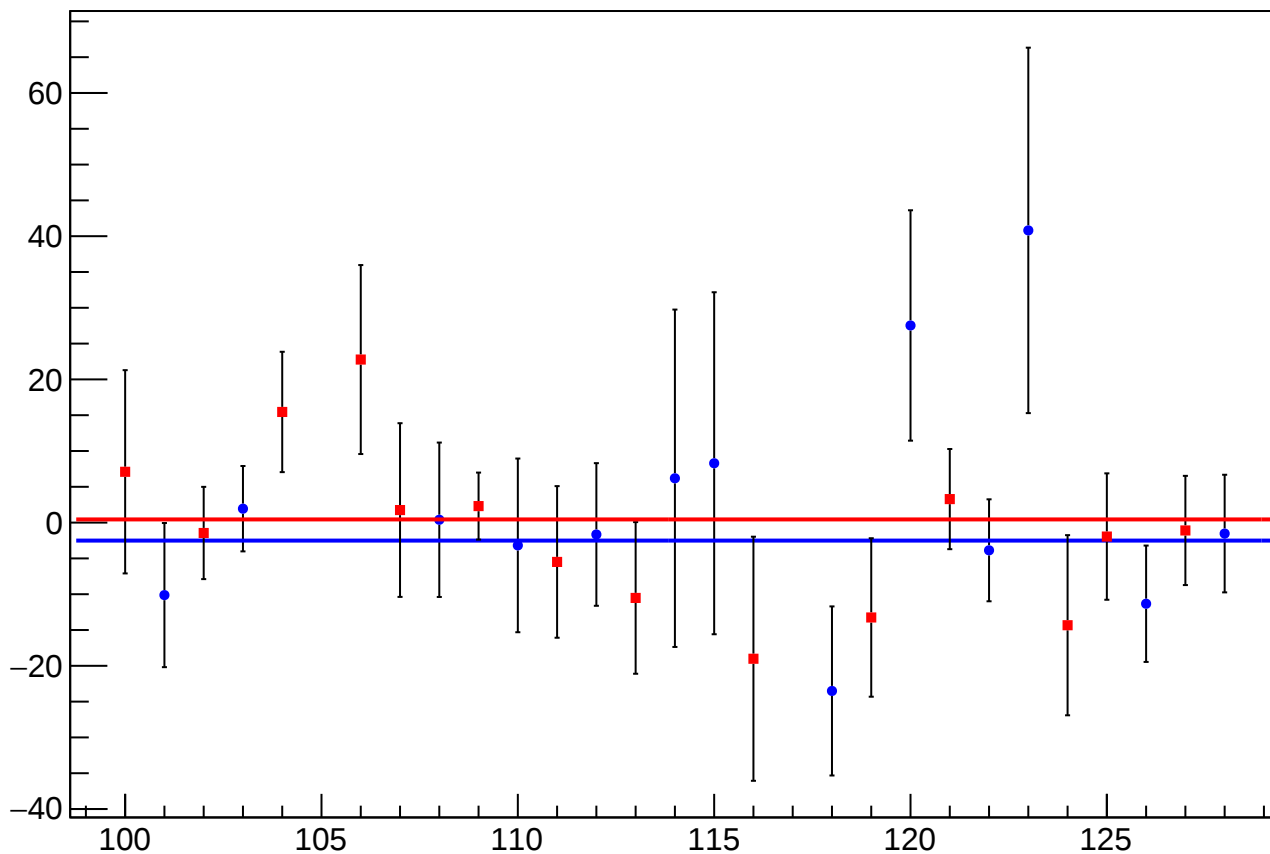
Right: 28116.625+/-6.375 χ^2/NDF : 193365.1/26

In: 28060.082+/-9.287 χ^2/NDF :140892.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 28116.625+/-6.375 χ^2/NDF : 193365.1/26

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -2.511+/-2.781 χ^2/NDF : 12.3/12

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

Right Out: 0.444+/-2.308 χ^2/NDF : 12.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

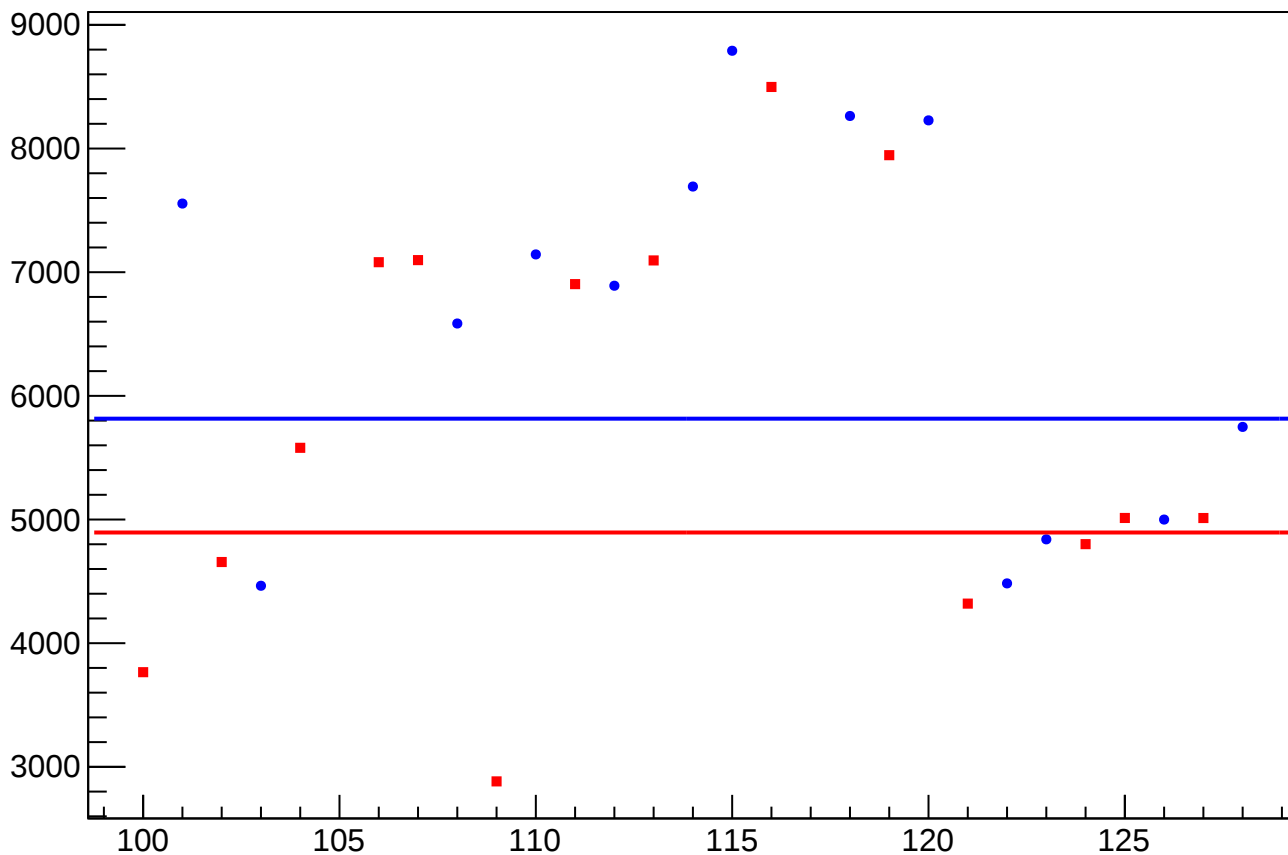
Right: -0.761+/-1.776 χ^2/NDF : 25.4/26

In: -2.511+/-2.781 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.761+/-1.776 χ^2/NDF : 25.4/26

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5815.577+/-1.966 χ^2/NDF : 487823.3/12

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

Right Out: 4895.095+/-1.632 χ^2/NDF : 933570.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

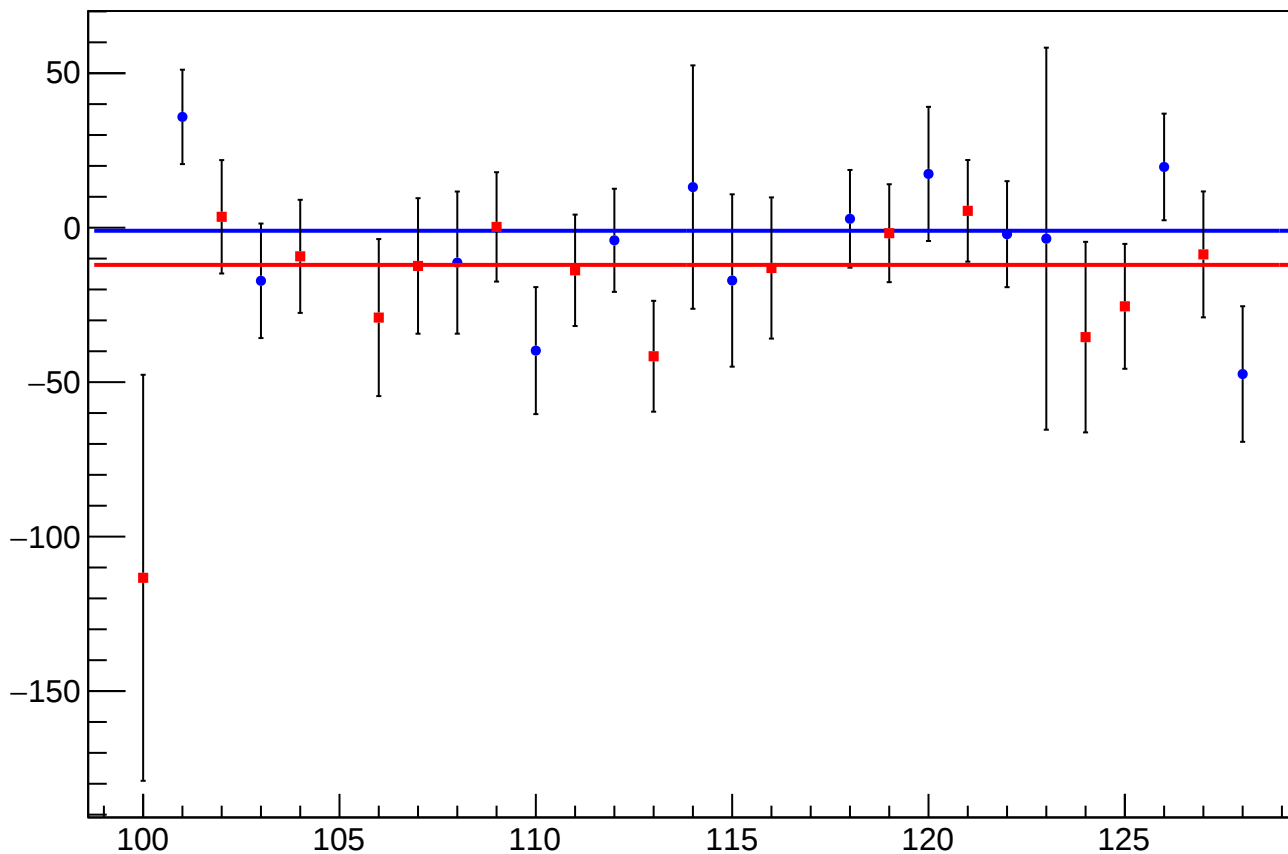
Right: 5270.628+/-1.256 χ^2/NDF : 1551122.9/26

In: 5815.577+/-1.966 χ^2/NDF : 487823.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5270.628+/-1.256 χ^2/NDF : 1551122.9/26

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.996 ± 5.574 χ^2/NDF : 17.5/12

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

Right Out: -12.038 ± 5.370 χ^2/NDF : 9.4/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

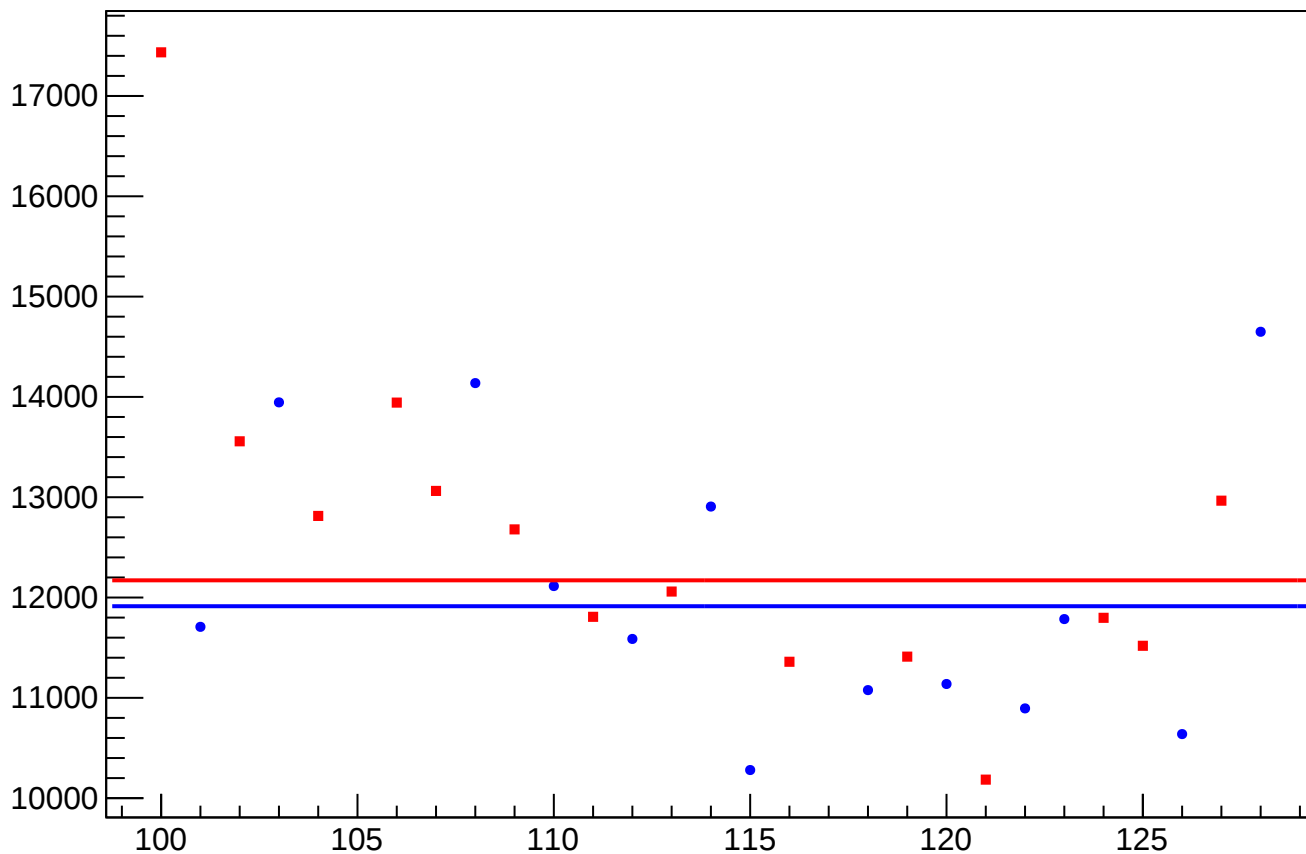
Right: -6.723 ± 3.867 χ^2/NDF : 28.9/26

In: -0.996 ± 5.574 χ^2/NDF : 17.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.723 ± 3.867 χ^2/NDF : 28.9/26

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 11913.346+/-3.941 χ^2/NDF : 109377.7/12

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

Right Out: 12171.424+/-3.797 χ^2/NDF : 83968.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

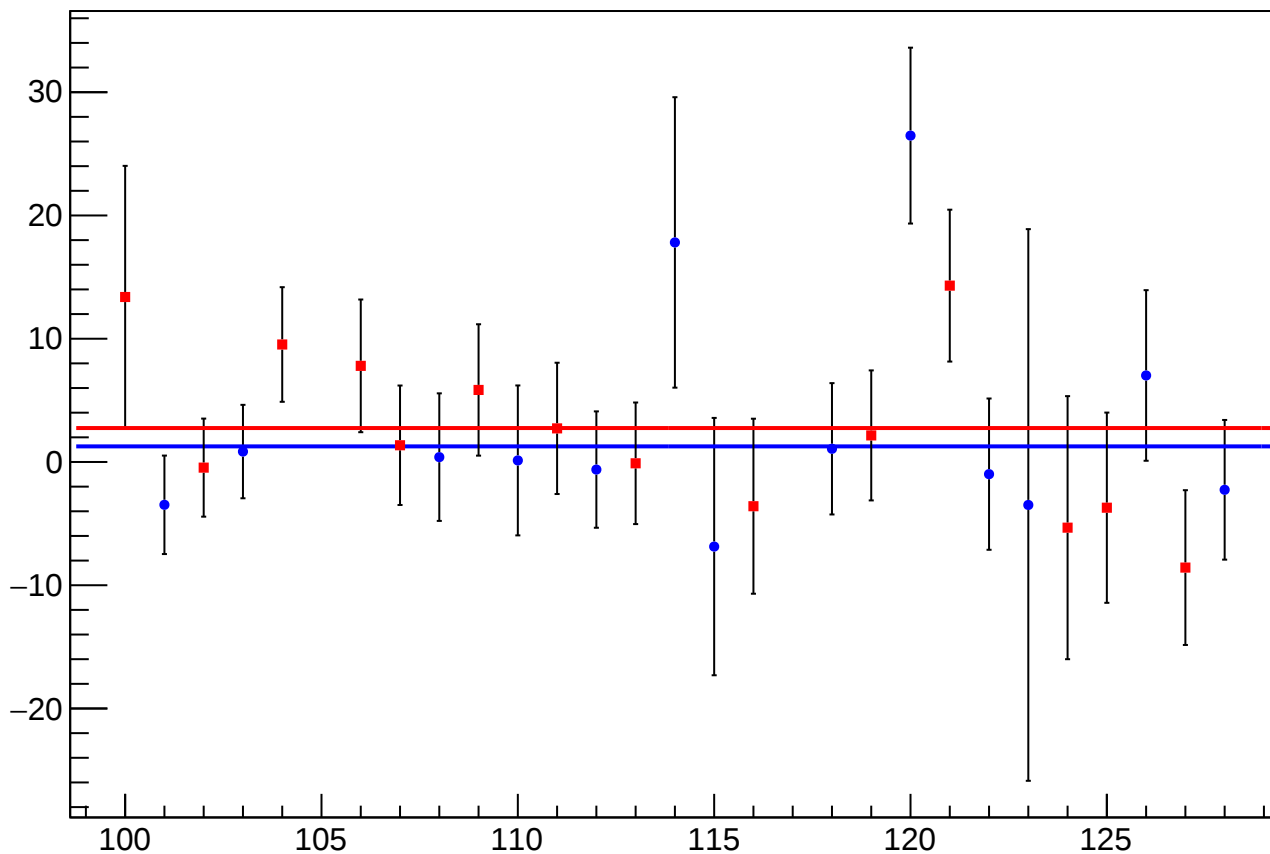
Right: 12047.198+/-2.734 χ^2/NDF : 195569.7/26

In: 11913.346+/-3.941 χ^2/NDF : 109377.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12047.198+/-2.734 χ^2/NDF : 195569.7/26

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 1.266 $\pm$ 1.594 χ^2/NDF : 18.0/12

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

Right Out: 2.753 $\pm$ 1.508 χ^2/NDF : 14.3/13

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

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

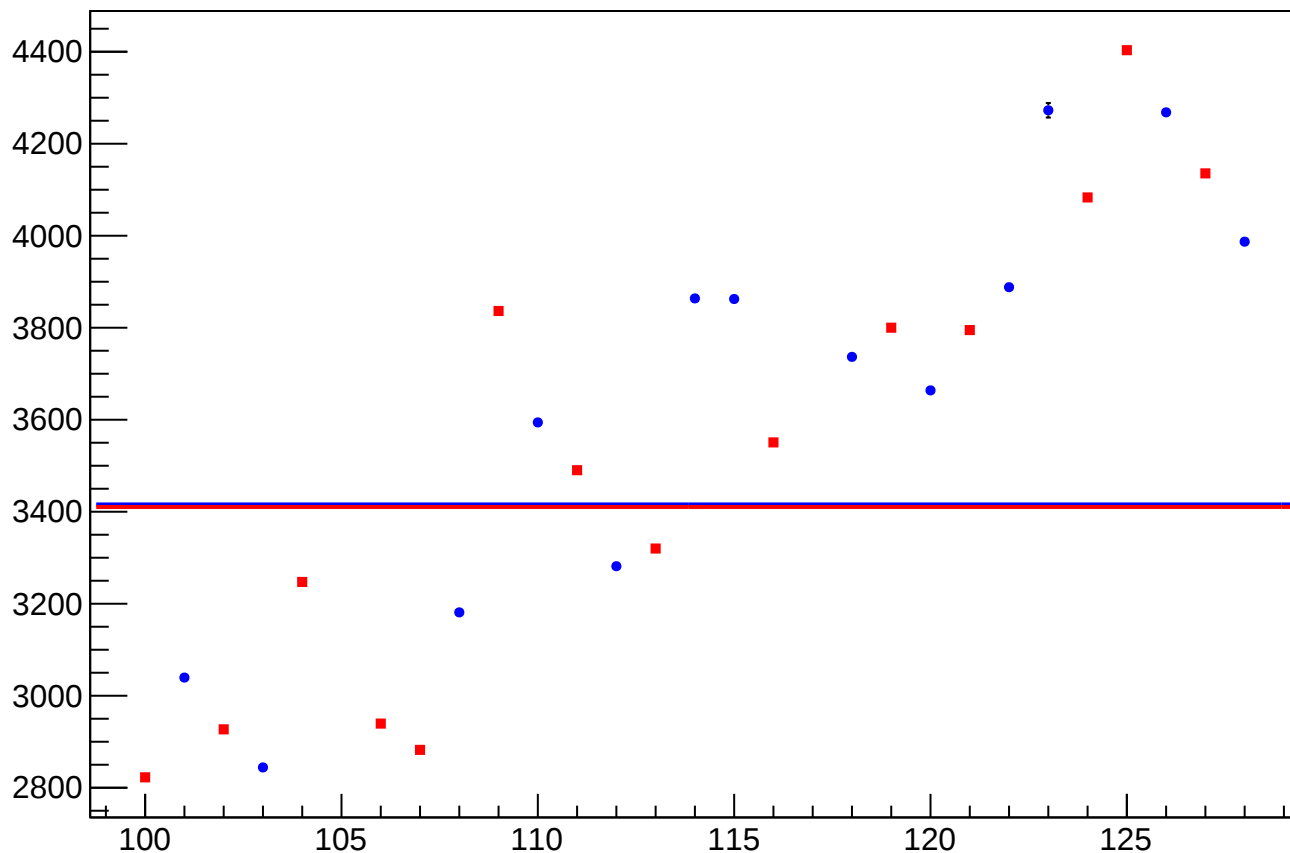
Right: 2.051 $\pm$ 1.095 χ^2/NDF : 32.7/26

In: 1.266 $\pm$ 1.594 χ^2/NDF : 18.0/12

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

All: 2.051 $\pm$ 1.095 χ^2/NDF : 32.7/26

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3415.828+/-1.127 χ^2/NDF : 152372.4/12

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

Right Out: 3410.359+/-1.066 χ^2/NDF : 178280.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

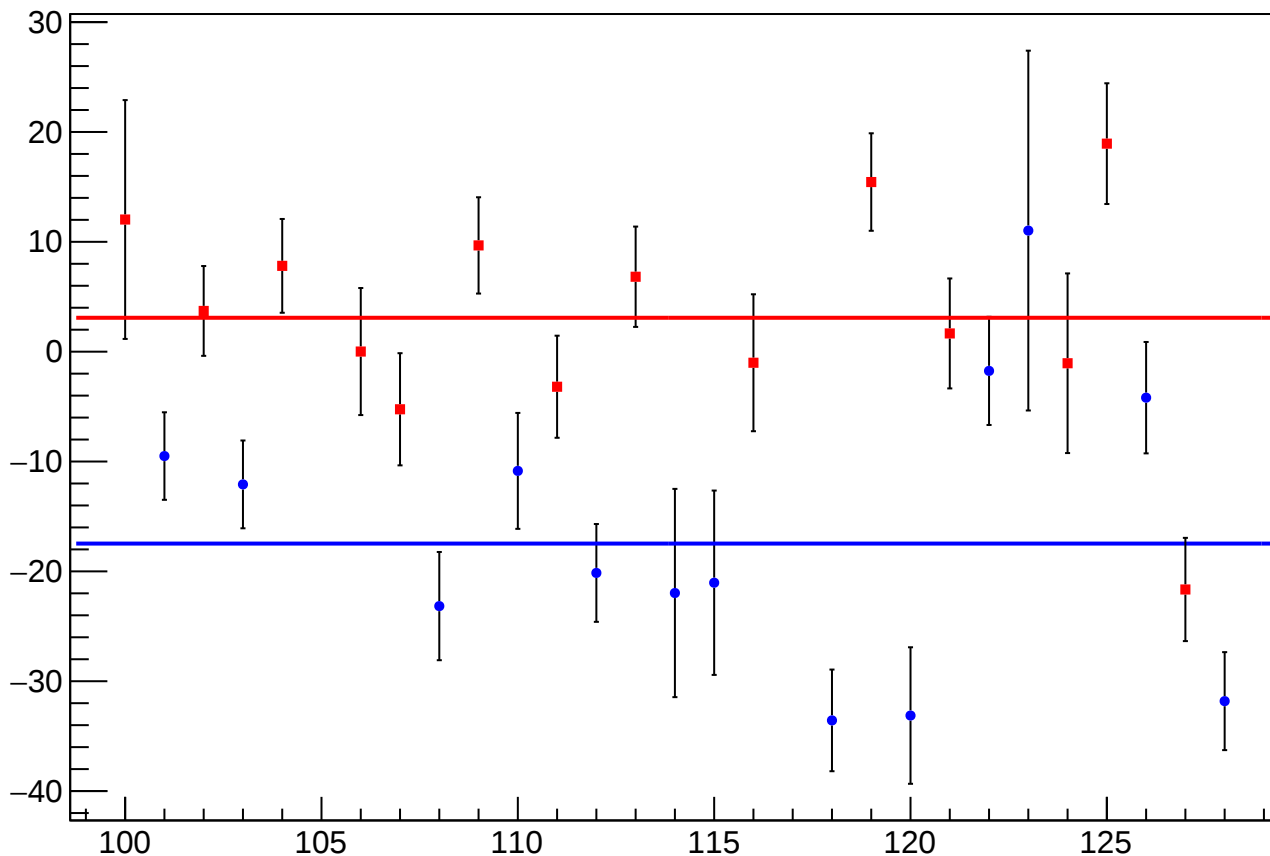
Right: 3412.940+/-0.775 χ^2/NDF : 330665.5/26

In: 3415.828+/-1.127 χ^2/NDF : 152372.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3412.940+/-0.775 χ^2/NDF : 330665.5/26

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -17.470 ± 1.436 $\chi^2/\text{NDF}: 58.4/12$

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

Right Out: 3.086 ± 1.351 $\chi^2/\text{NDF}: 54.2/13$

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

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

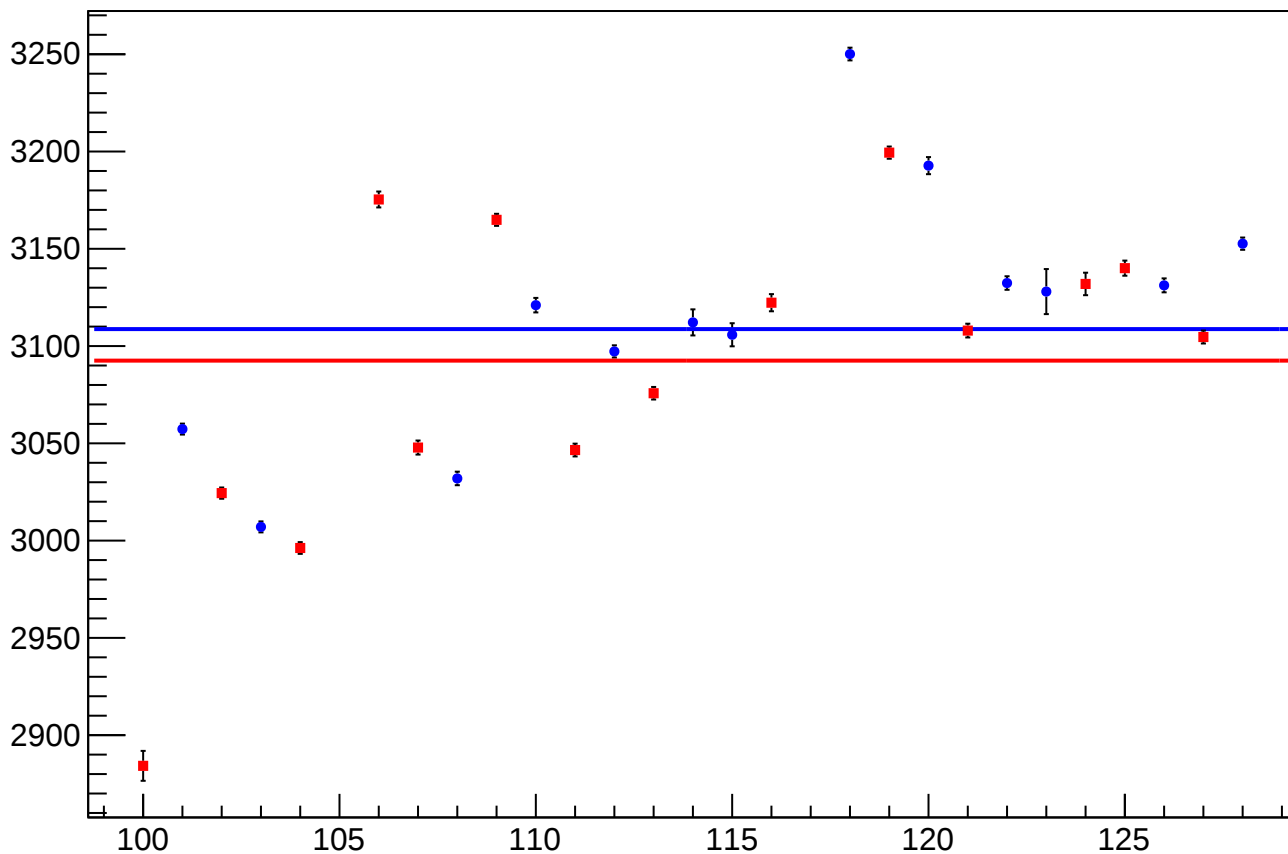
Right: -6.572 ± 0.984 $\chi^2/\text{NDF}: 221.2/26$

In: -17.470 ± 1.436 $\chi^2/\text{NDF}: 58.4/12$

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

All: -6.572 ± 0.984 $\chi^2/\text{NDF}: 221.2/26$

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3108.724+/-1.015 χ^2/NDF : 4652.9/12

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

Right Out: 3092.515+/-0.956 χ^2/NDF : 5073.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

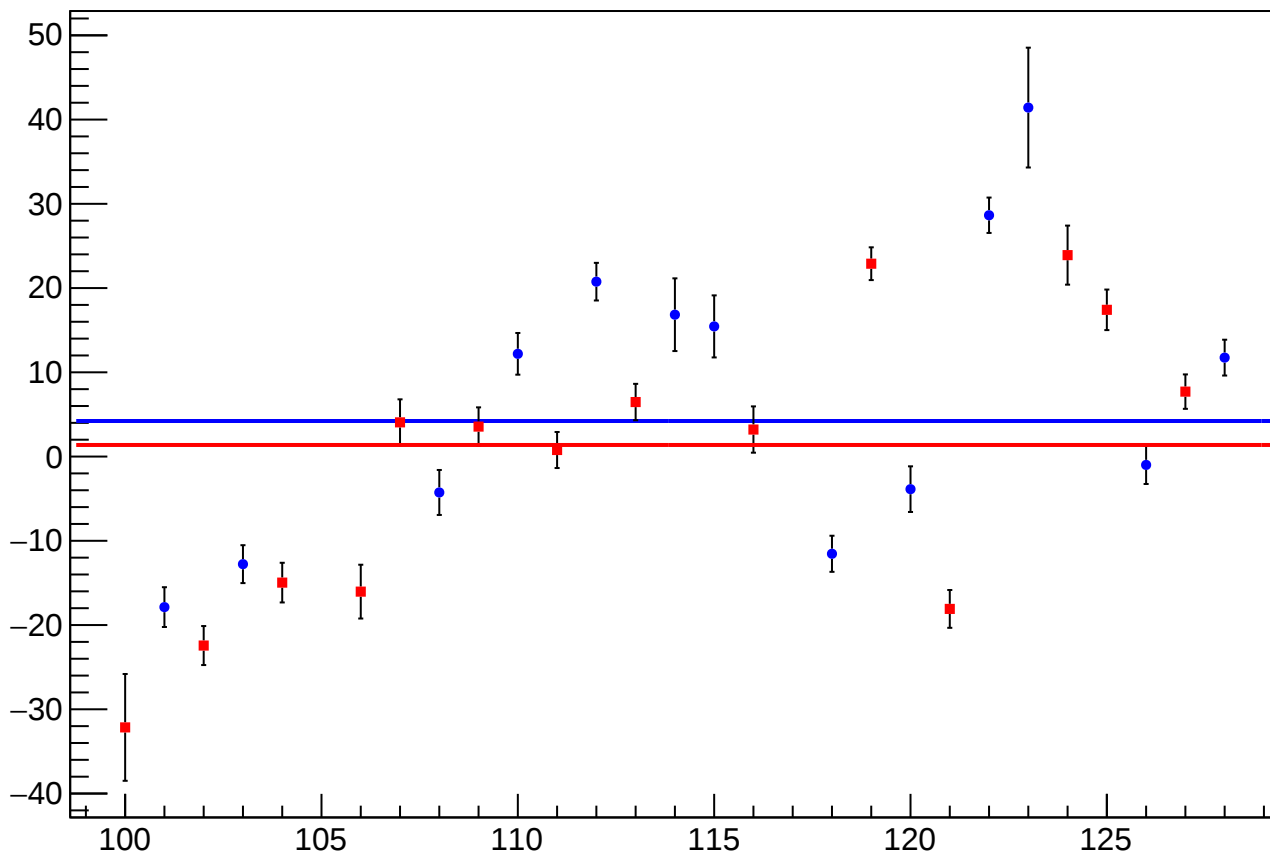
Right: 3100.131+/-0.696 χ^2/NDF : 9861.2/26

In: 3108.724+/-1.015 χ^2/NDF : 4652.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3100.131+/-0.696 χ^2/NDF : 9861.2/26

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 4.220+/-0.703 χ^2/NDF : 481.2/12

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

Right Out: 1.375+/-0.654 χ^2/NDF : 512.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

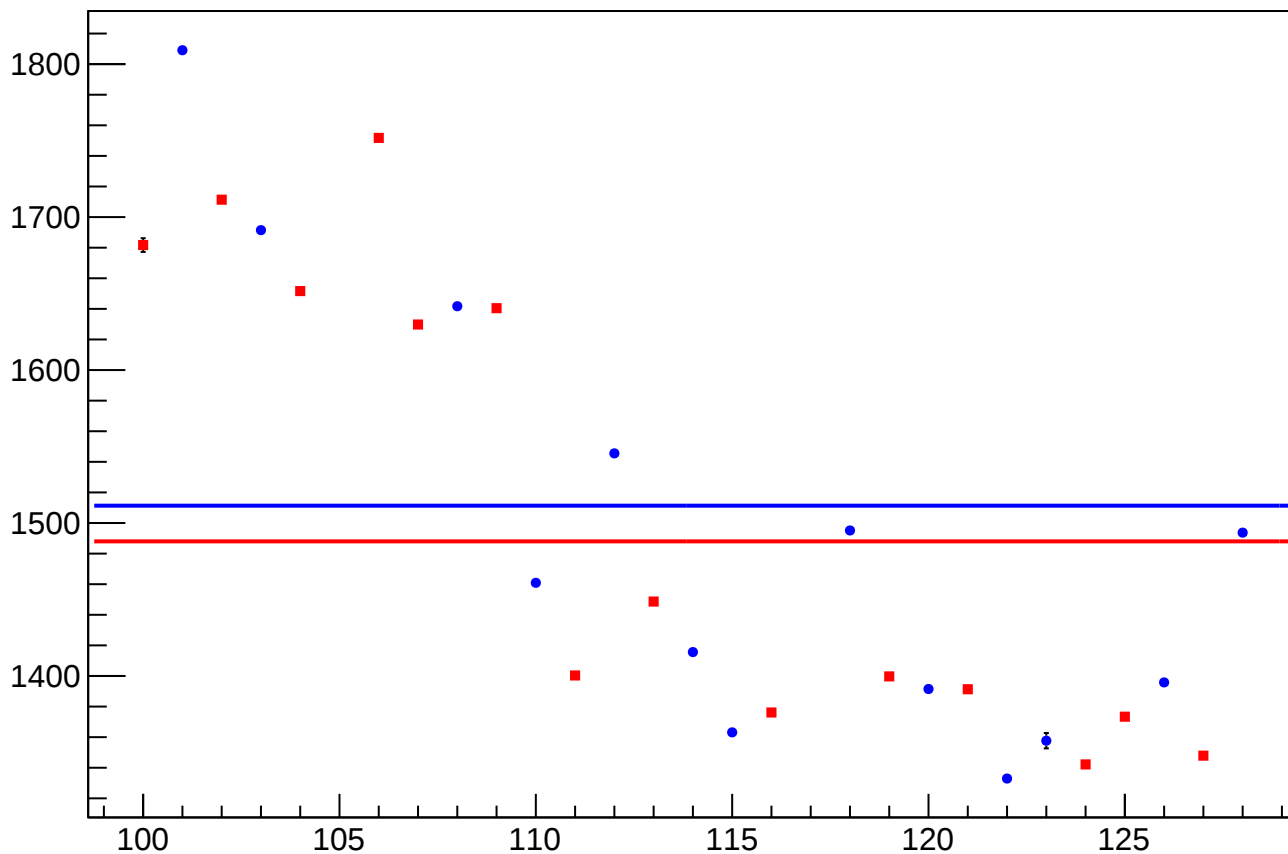
Right: 2.696+/-0.479 χ^2/NDF : 1002.5/26

In: 4.220+/-0.703 χ^2/NDF : 481.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.696+/-0.479 χ^2/NDF : 1002.5/26

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1511.335+/-0.497 χ^2/NDF : 79652.6/12

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

Right Out: 1488.004+/-0.462 χ^2/NDF : 90675.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

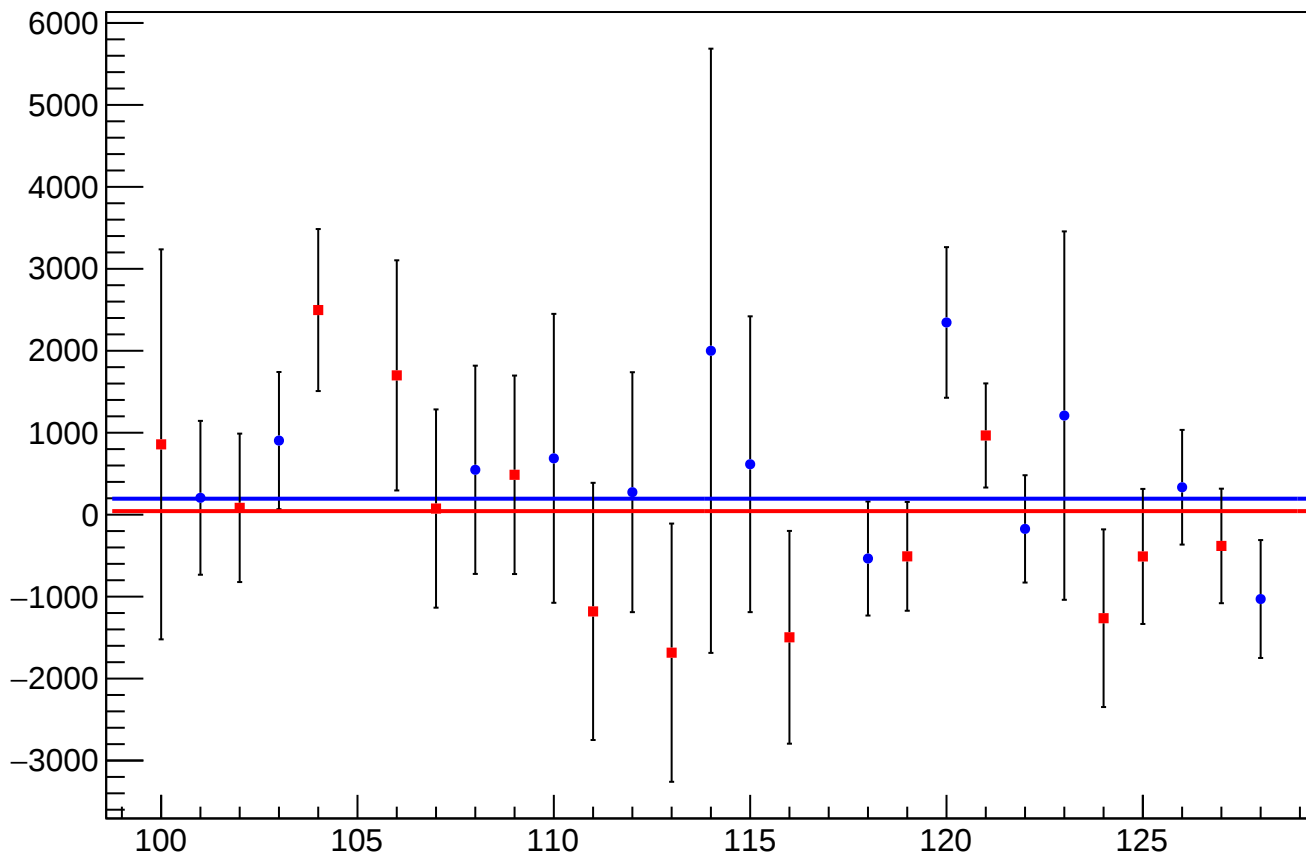
Right: 1498.835+/-0.339 χ^2/NDF : 171509.6/26

In: 1511.335+/-0.497 χ^2/NDF : 79652.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1498.835+/-0.339 χ^2/NDF : 171509.6/26

asym_sam1_mean vs Slug, Sign Corrected



Right In: 195.086+/-266.272 χ^2/NDF : 11.2/12

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

Right Out: 43.395+/-259.812 χ^2/NDF : 16.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

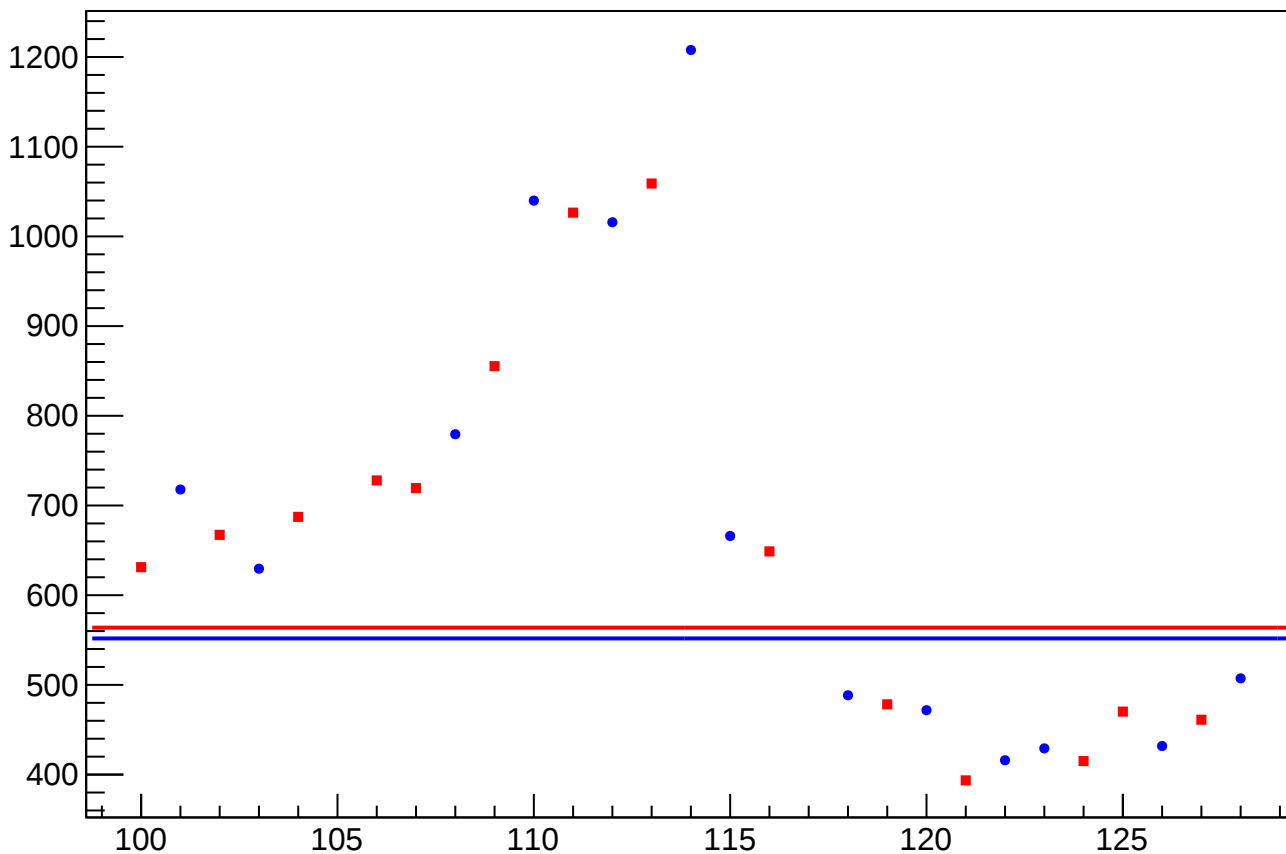
Right: 117.378+/-185.957 χ^2/NDF : 27.5/26

In: 195.086+/-266.272 χ^2/NDF : 11.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.378+/-185.957 χ^2/NDF : 27.5/26

asym_sam1_rms vs Slug, Sign Corrected



Right In: 551.780+/-0.188 χ^2/NDF : 759784.4/12

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

Right Out: 563.815+/-0.184 χ^2/NDF : 898782.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

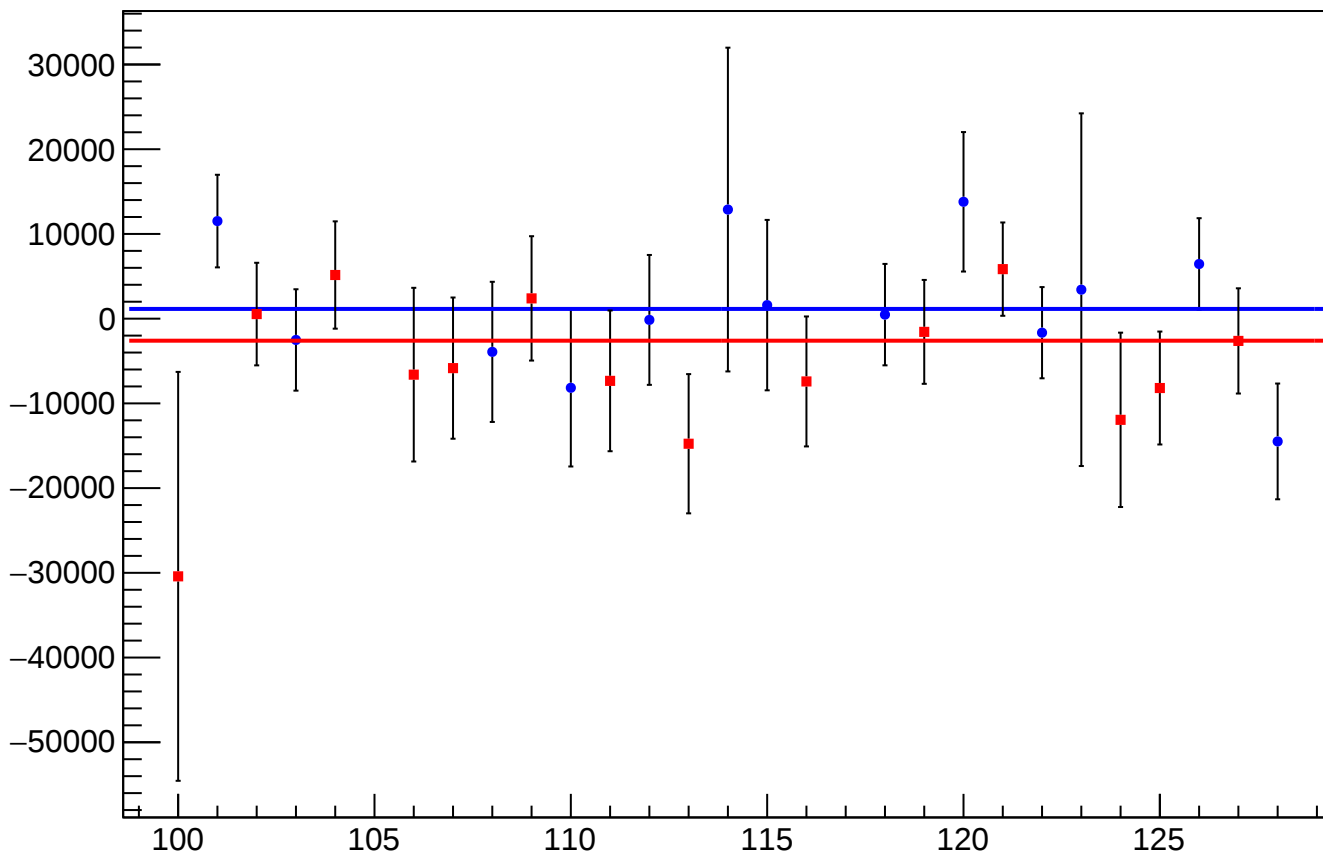
Right: 557.945+/-0.131 χ^2/NDF : 1660659.6/26

In: 551.780+/-0.188 χ^2/NDF : 759784.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 557.945+/-0.131 χ^2/NDF : 1660659.6/26

asym_sam2_mean vs Slug, Sign Corrected



Right In: 1148.949+/-1990.591 χ^2/NDF : 14.6/12

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

Right Out: -2599.971+/-1960.509 χ^2/NDF : 10.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

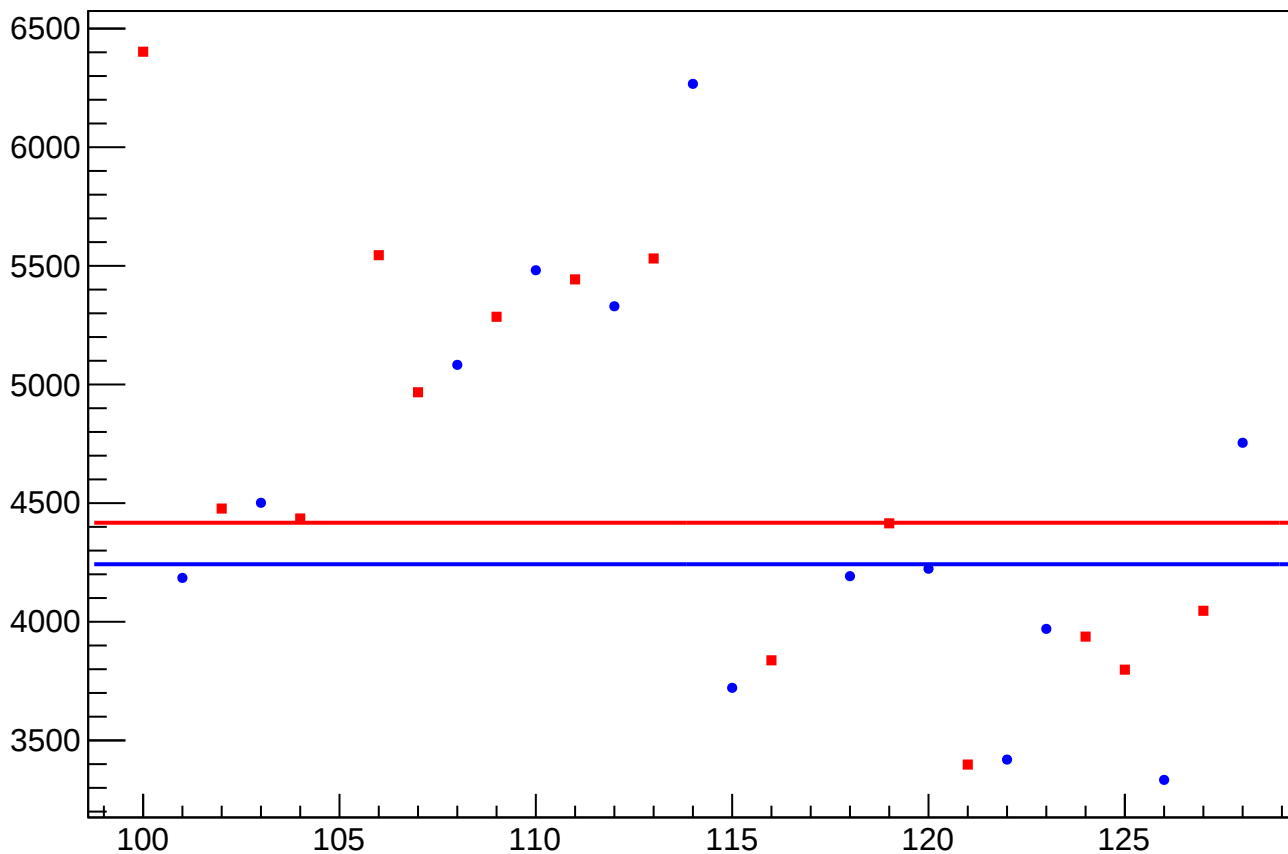
Right: -754.053+/-1396.803 χ^2/NDF : 27.1/26

In: 1148.949+/-1990.591 χ^2/NDF : 14.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -754.053+/-1396.803 χ^2/NDF : 27.1/26

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4242.520+/-1.408 χ^2/NDF : 243238.8/12

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

Right Out: 4417.372+/-1.386 χ^2/NDF : 250540.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

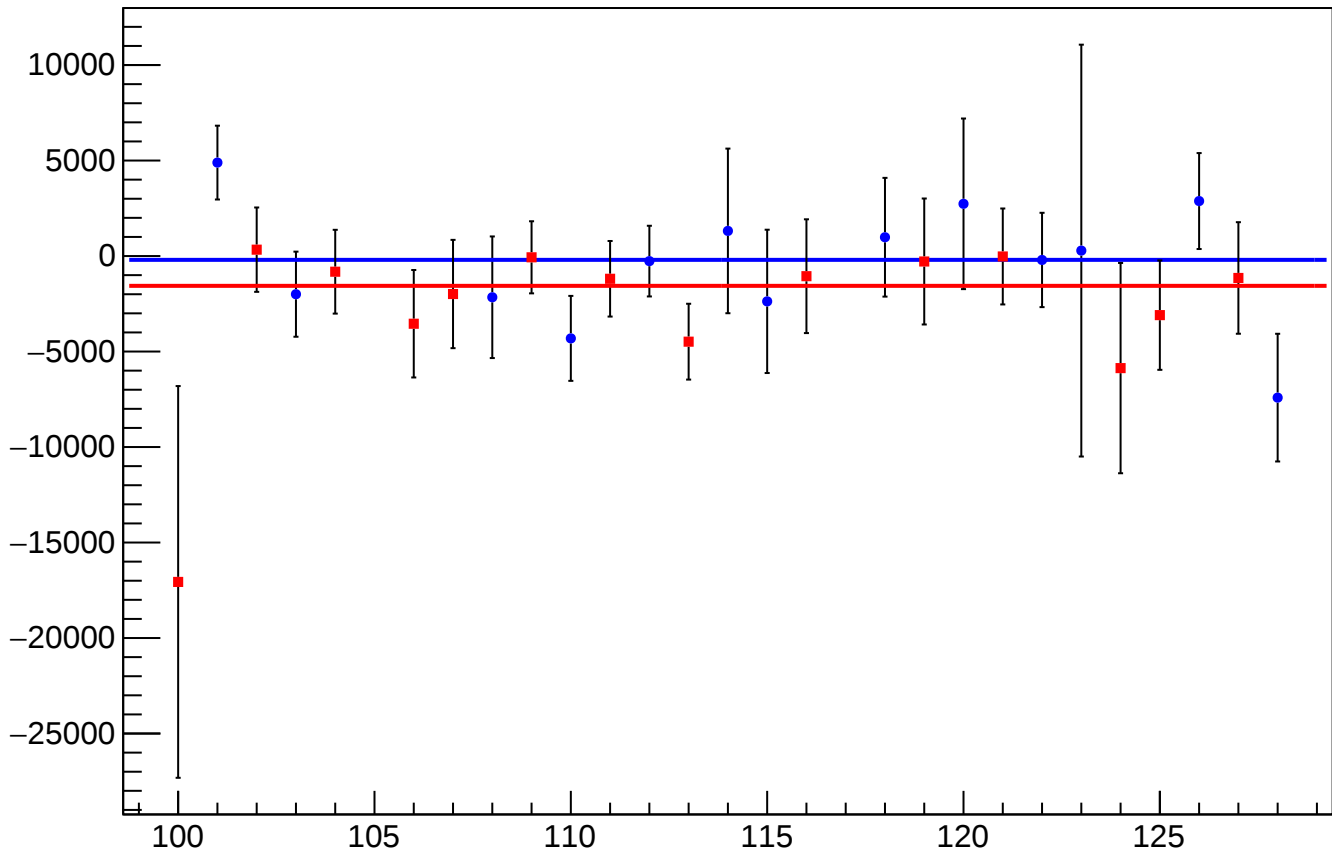
Right: 4331.277+/-0.988 χ^2/NDF : 501612.6/26

In: 4242.520+/-1.408 χ^2/NDF : 243238.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4331.277+/-0.988 χ^2/NDF : 501612.6/26

asym_sam3_mean vs Slug, Sign Corrected



Right In: -199.643+/-753.530 χ^2/NDF : 18.6/12

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

Right Out: -1560.290+/-690.324 χ^2/NDF : 8.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

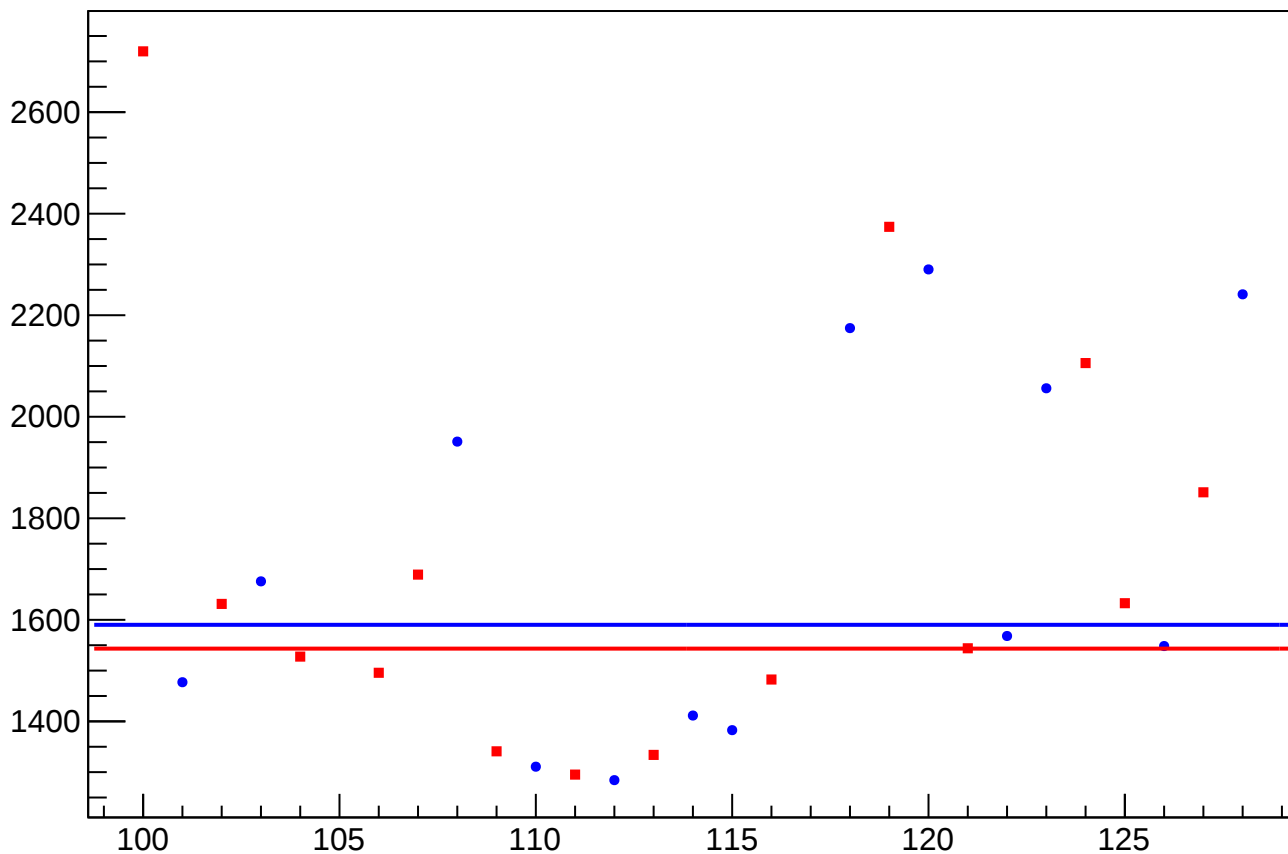
Right: -939.415+/-509.014 χ^2/NDF : 28.3/26

In: -199.643+/-753.530 χ^2/NDF : 18.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -939.415+/-509.014 χ^2/NDF : 28.3/26

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1590.182+/-0.533 χ^2/NDF : 331401.5/12

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

Right Out: 1543.304+/-0.488 χ^2/NDF : 284983.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

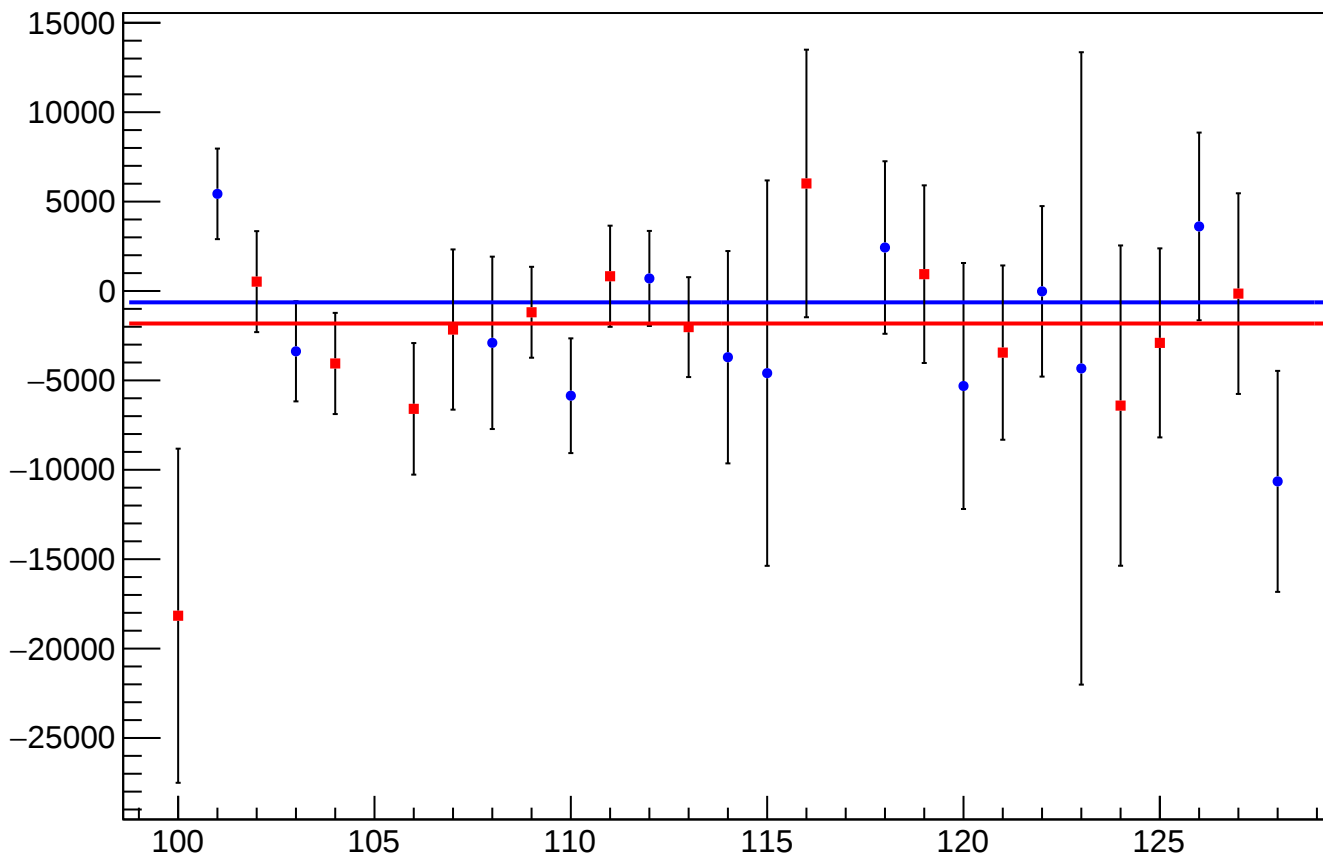
Right: 1564.695+/-0.360 χ^2/NDF : 620593.5/26

In: 1590.182+/-0.533 χ^2/NDF : 331401.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1564.695+/-0.360 χ^2/NDF : 620593.5/26

asym_sam4_mean vs Slug, Sign Corrected



Right In: -634.796+/-1135.259 χ^2/NDF : 14.4/12

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

Right Out: -1818.487+/-1013.396 χ^2/NDF : 8.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

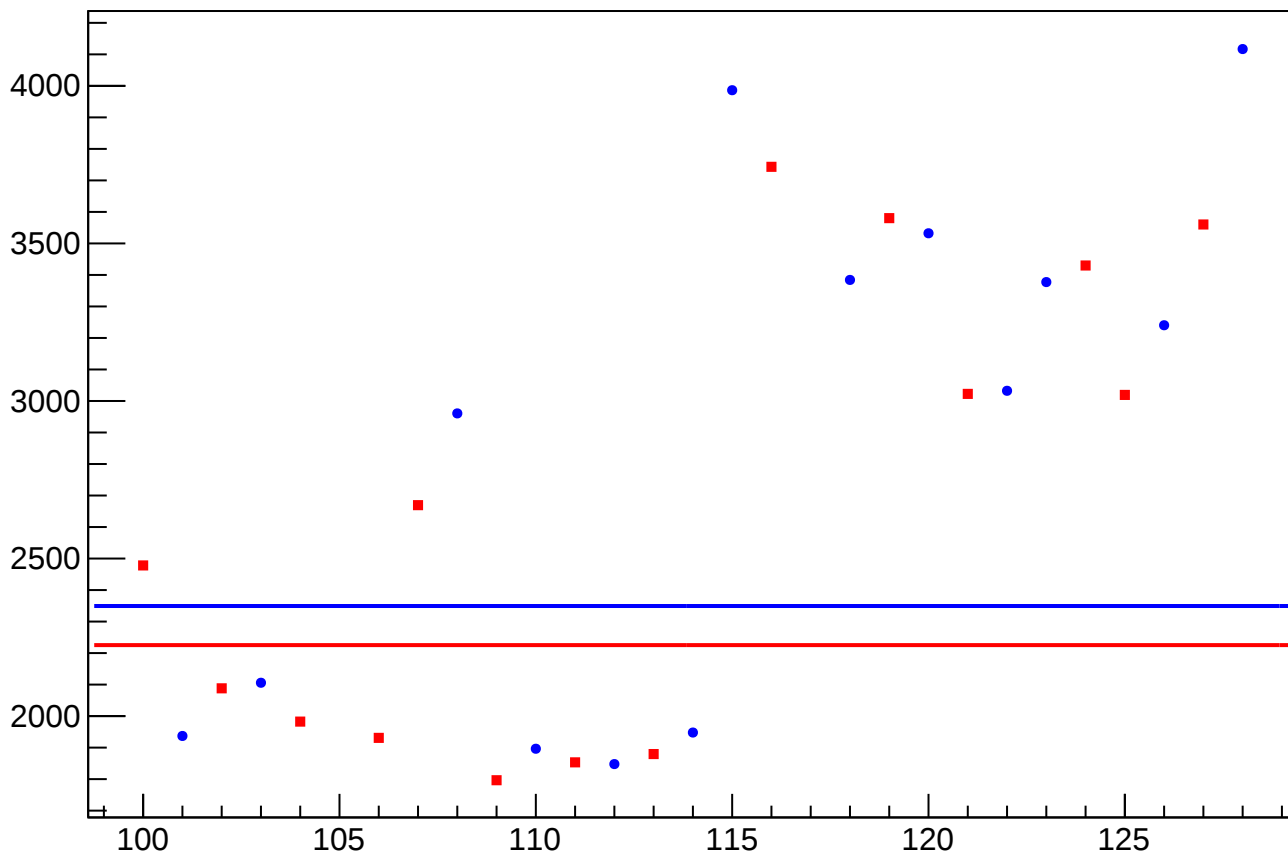
Right: -1293.561+/-756.006 χ^2/NDF : 23.9/26

In: -634.796+/-1135.259 χ^2/NDF : 14.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1293.561+/-756.006 χ^2/NDF : 23.9/26

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2349.371+/-0.803 χ^2/NDF : 686796.1/12

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

Right Out: 2225.284+/-0.717 χ^2/NDF : 654510.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

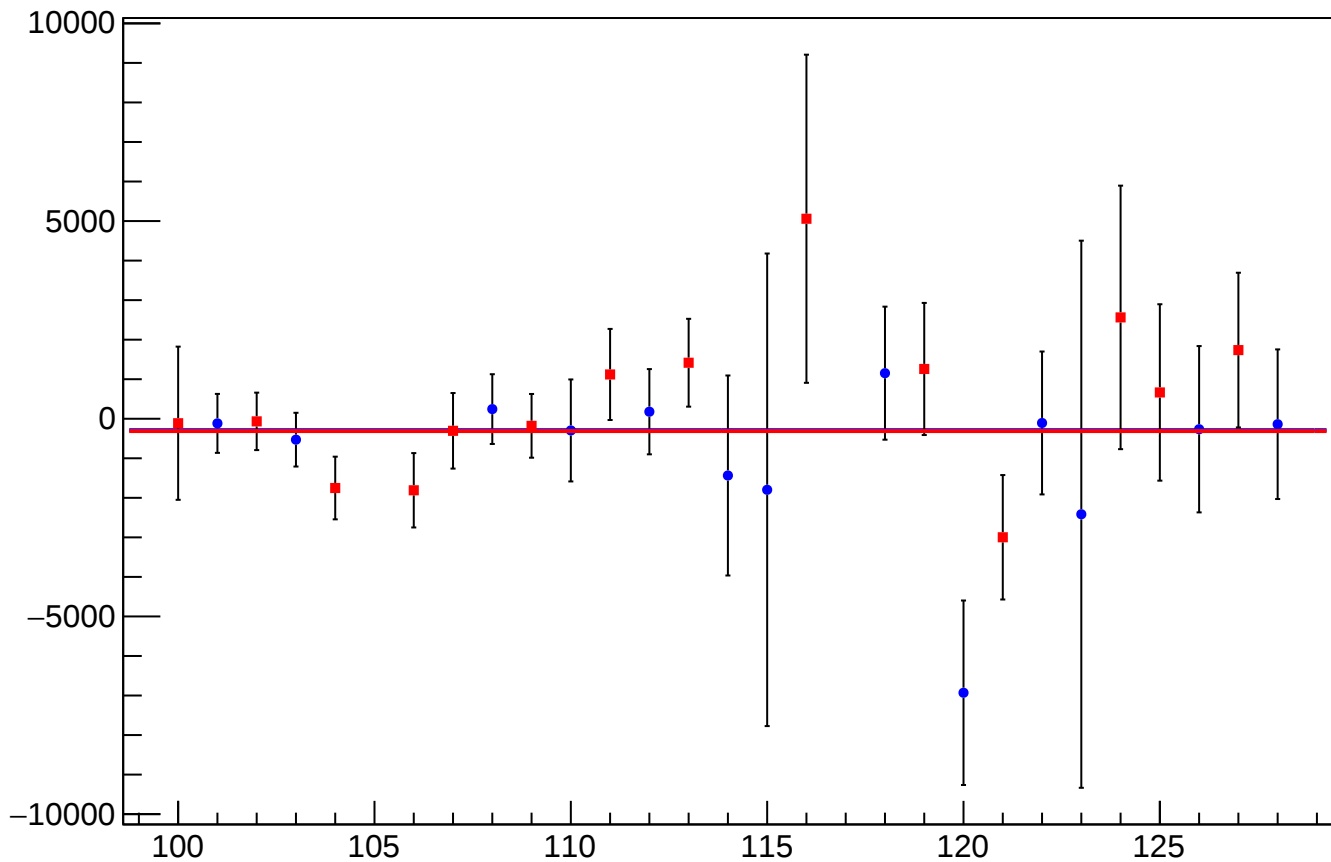
Right: 2280.312+/-0.535 χ^2/NDF : 1354603.9/26

In: 2349.371+/-0.803 χ^2/NDF : 686796.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2280.312+/-0.535 χ^2/NDF : 1354603.9/26

asym_sam5_mean vs Slug, Sign Corrected



Right In: -288.990+/-347.856 χ^2/NDF : 9.9/12

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

Right Out: -311.290+/-309.296 χ^2/NDF : 17.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

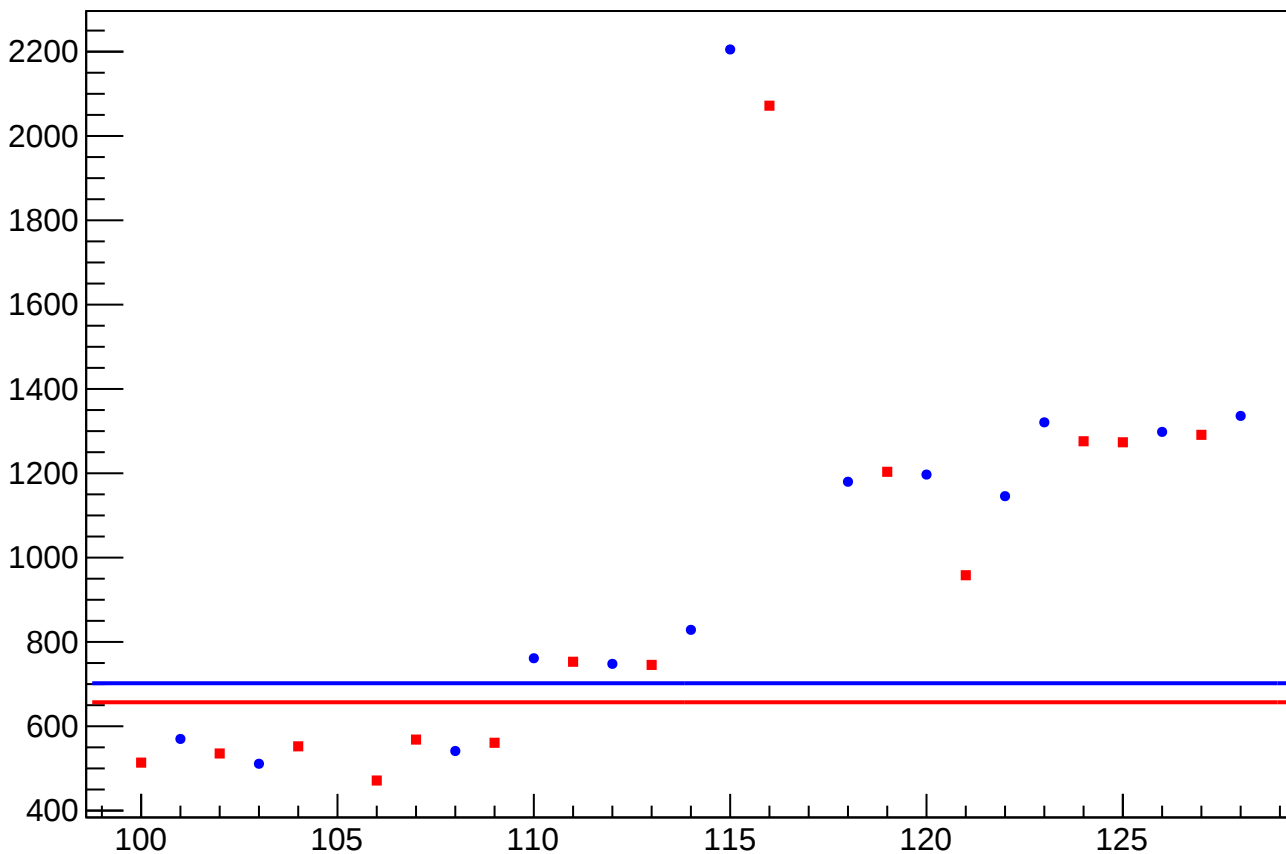
Right: -301.444+/-231.141 χ^2/NDF : 27.4/26

In: -288.990+/-347.856 χ^2/NDF : 9.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -301.444+/-231.141 χ^2/NDF : 27.4/26

asym_sam5_rms vs Slug, Sign Corrected



Right In: 702.029+/-0.246 χ^2/NDF : 1199688.0/12

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

Right Out: 656.920+/-0.219 χ^2/NDF : 1203560.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

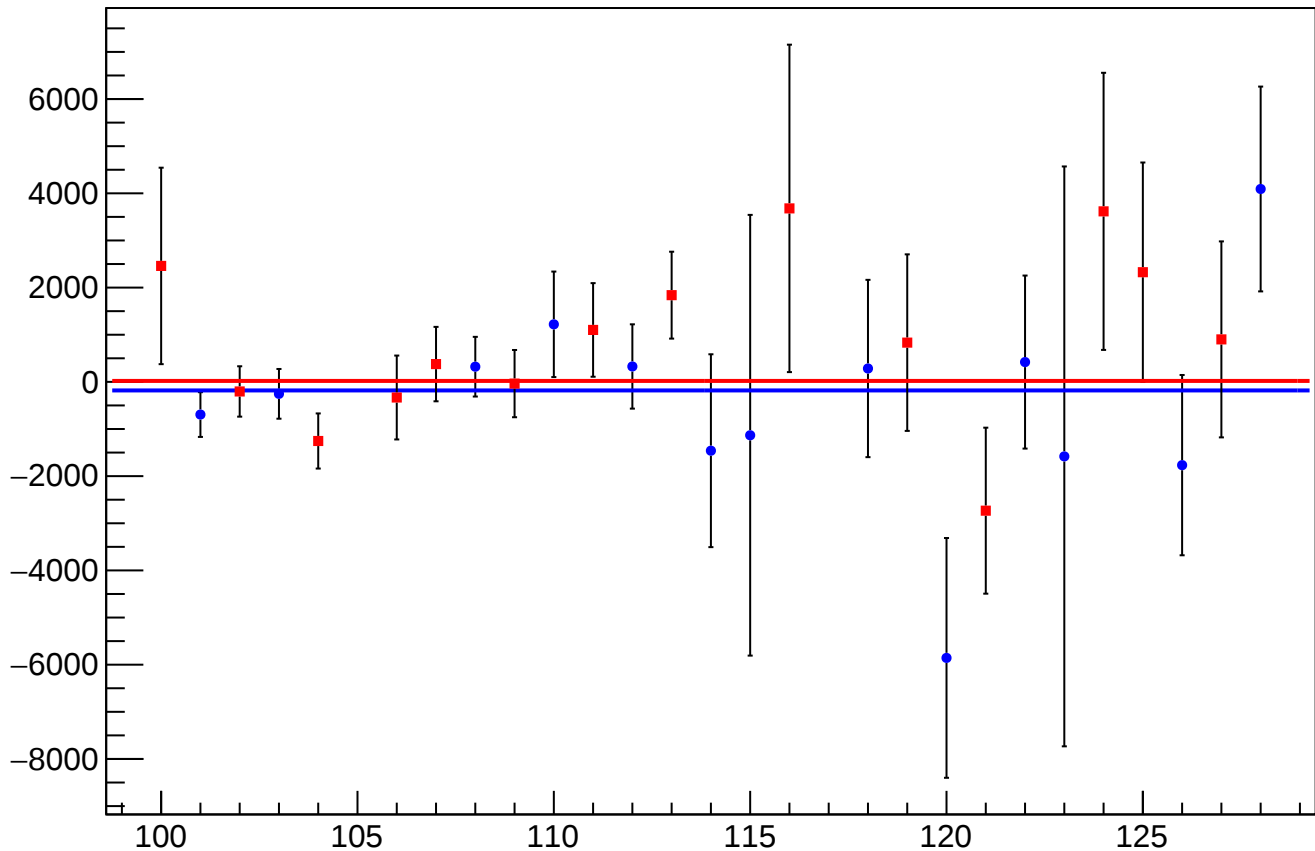
Right: 676.836+/-0.163 χ^2/NDF : 2422031.3/26

In: 702.029+/-0.246 χ^2/NDF : 1199688.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 676.836+/-0.163 χ^2/NDF : 2422031.3/26

asym_sam6_mean vs Slug, Sign Corrected



Right In: -181.801 ± 266.252 $\chi^2/\text{NDF}: 13.9/12$

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

Right Out: 20.056 ± 259.042 $\chi^2/\text{NDF}: 18.1/13$

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

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

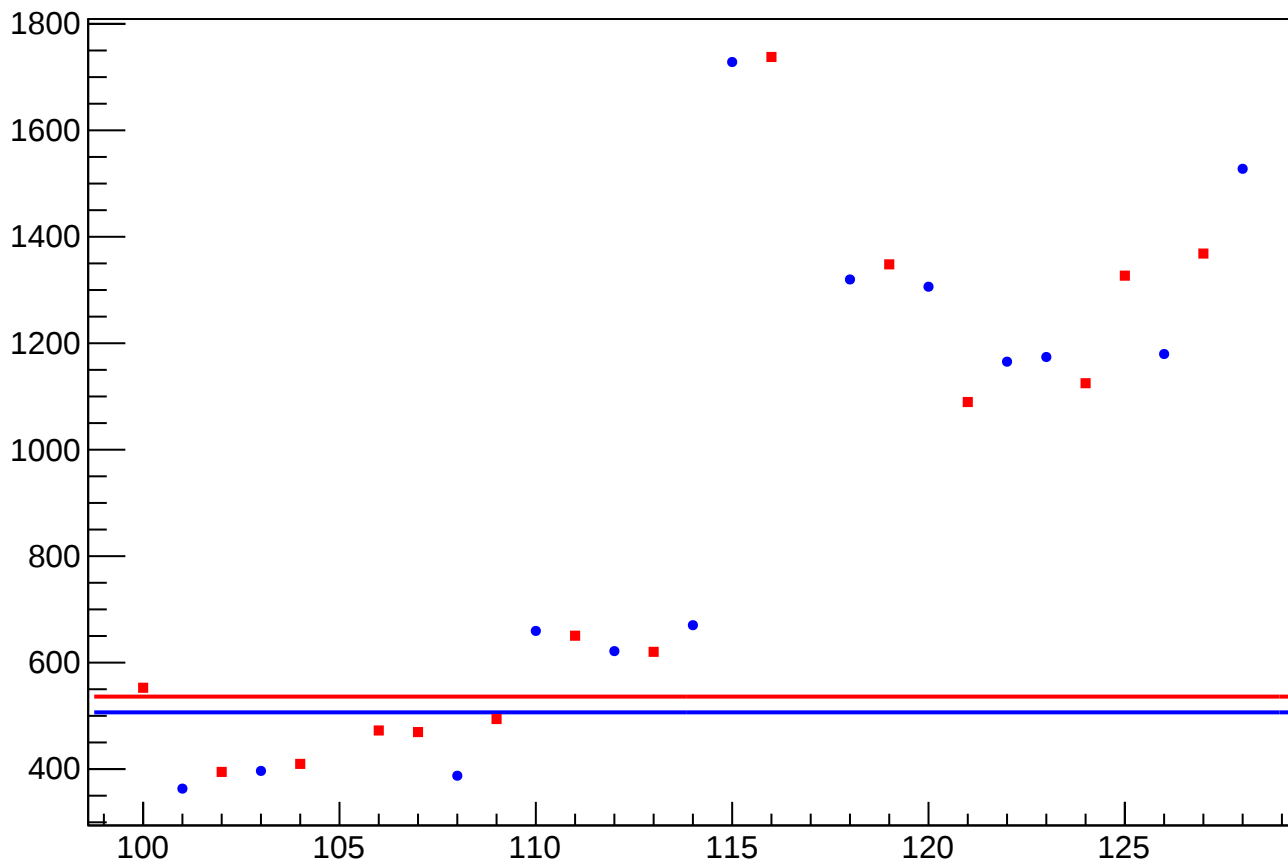
Right: -78.103 ± 185.667 $\chi^2/\text{NDF}: 32.3/26$

In: -181.801 ± 266.252 $\chi^2/\text{NDF}: 13.9/12$

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

All: -78.103 ± 185.667 $\chi^2/\text{NDF}: 32.3/26$

asym_sam6_rms vs Slug, Sign Corrected



Right In: 506.551+/-0.188 χ^2/NDF : 2102410.1/12

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

Right Out: 536.160+/-0.183 χ^2/NDF : 1753140.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

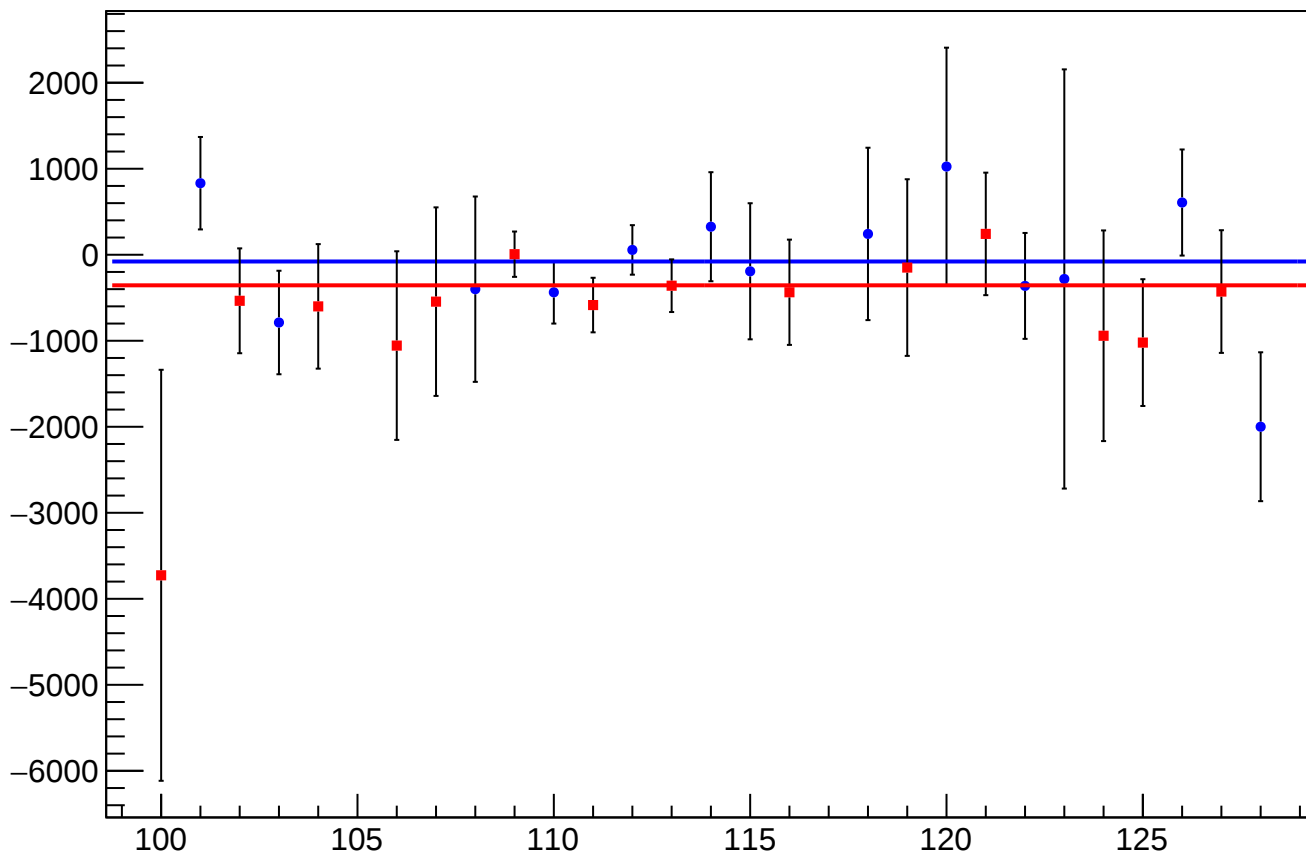
Right: 521.762+/-0.131 χ^2/NDF : 3868257.3/26

In: 506.551+/-0.188 χ^2/NDF : 2102410.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 521.762+/-0.131 χ^2/NDF : 3868257.3/26

asym_sam7_mean vs Slug, Sign Corrected



Right In: -78.341+/-159.936 χ^2/NDF : 13.1/12

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

Right Out: -355.441+/-139.320 χ^2/NDF : 6.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

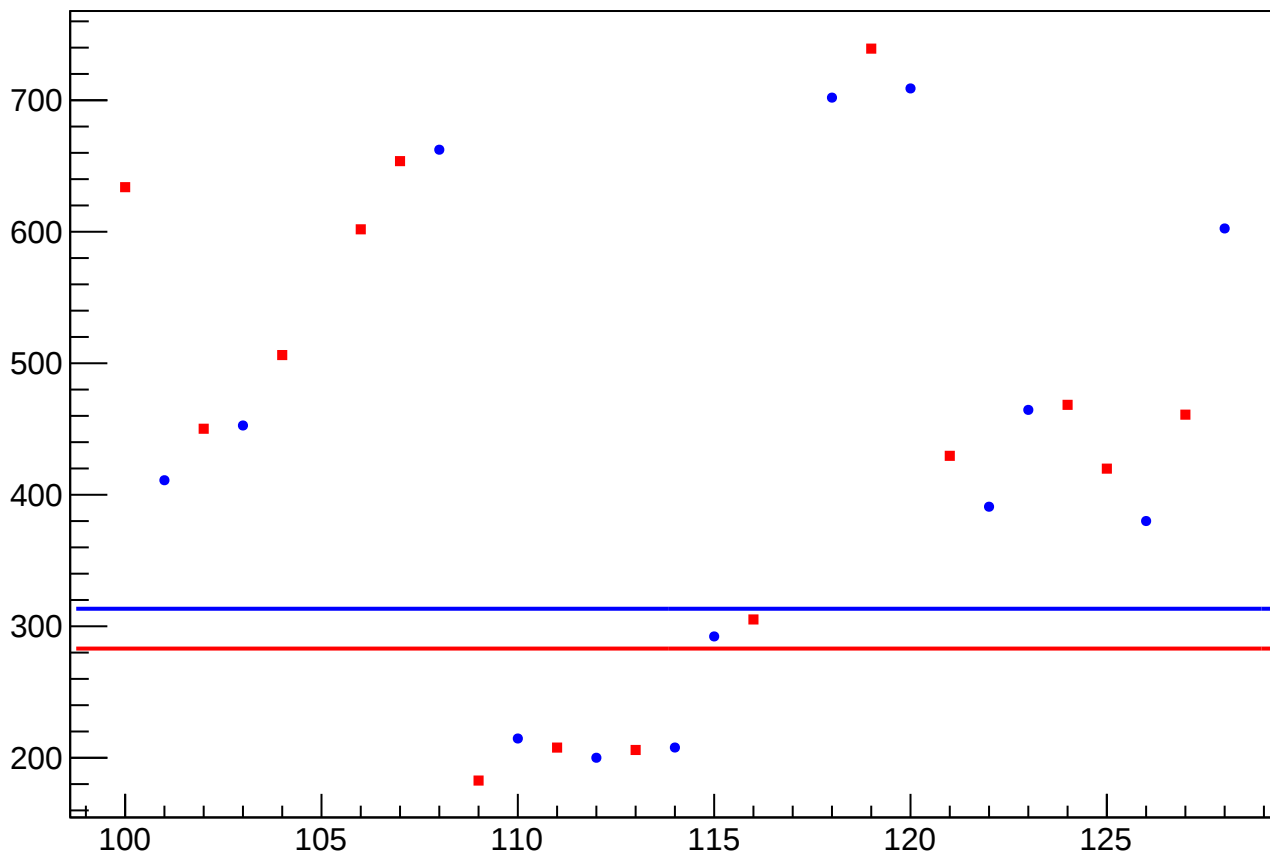
Right: -235.890+/-105.052 χ^2/NDF : 21.7/26

In: -78.341+/-159.936 χ^2/NDF :13.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -235.890+/-105.052 χ^2/NDF : 21.7/26

asym_sam7_rms vs Slug, Sign Corrected



Right In: 313.333+/-0.113 χ^2/NDF : 1648053.4/12

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

Right Out: 283.056+/-0.099 χ^2/NDF : 2032355.5/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

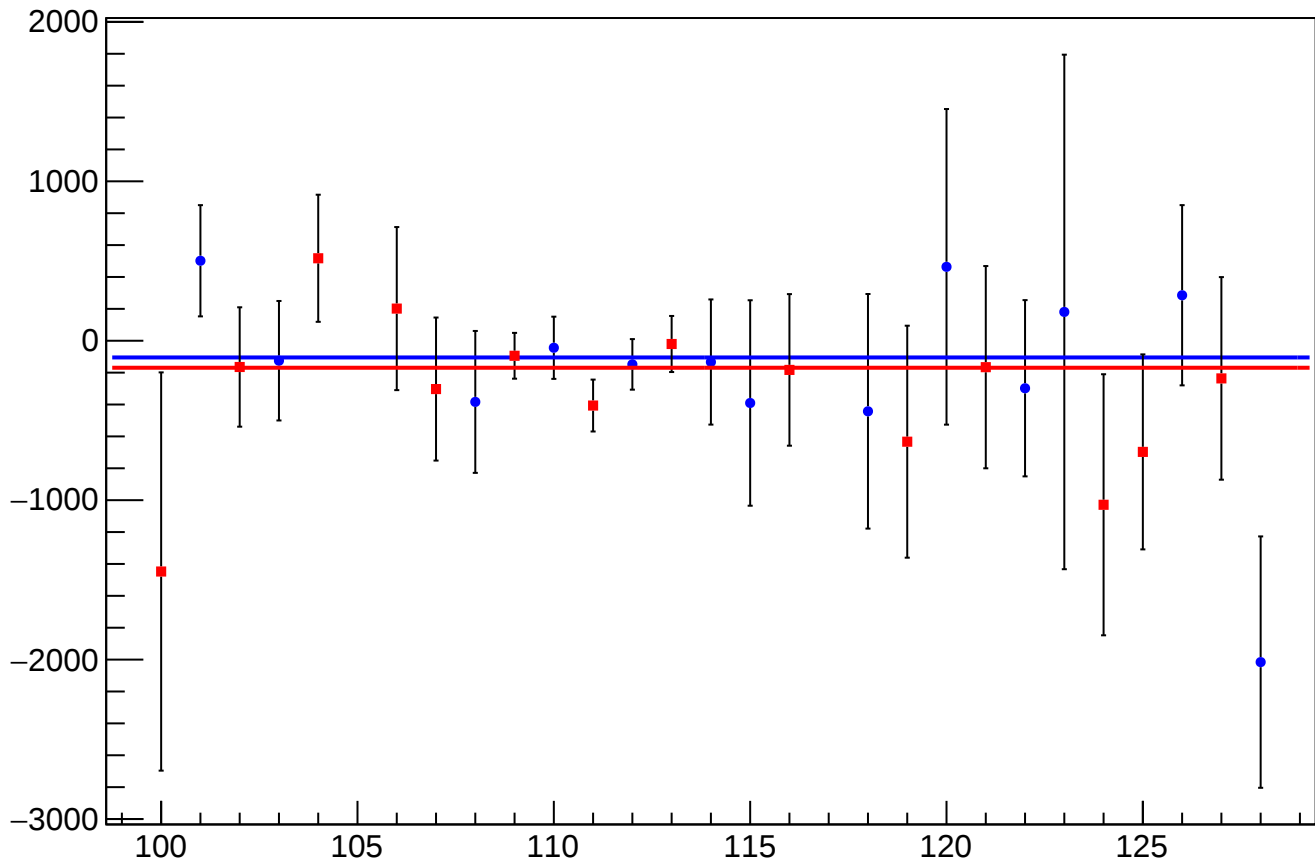
Right: 296.119+/-0.074 χ^2/NDF : 3721160.1/26

In: 313.333+/-0.113 χ^2/NDF :1648053.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 296.119+/-0.074 χ^2/NDF : 3721160.1/26

asym_sam8_mean vs Slug, Sign Corrected



Right In: -104.757 ± 96.859 $\chi^2/\text{NDF}: 10.8/12$

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

Right Out: -169.321 ± 79.854 $\chi^2/\text{NDF}: 10.0/13$

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

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

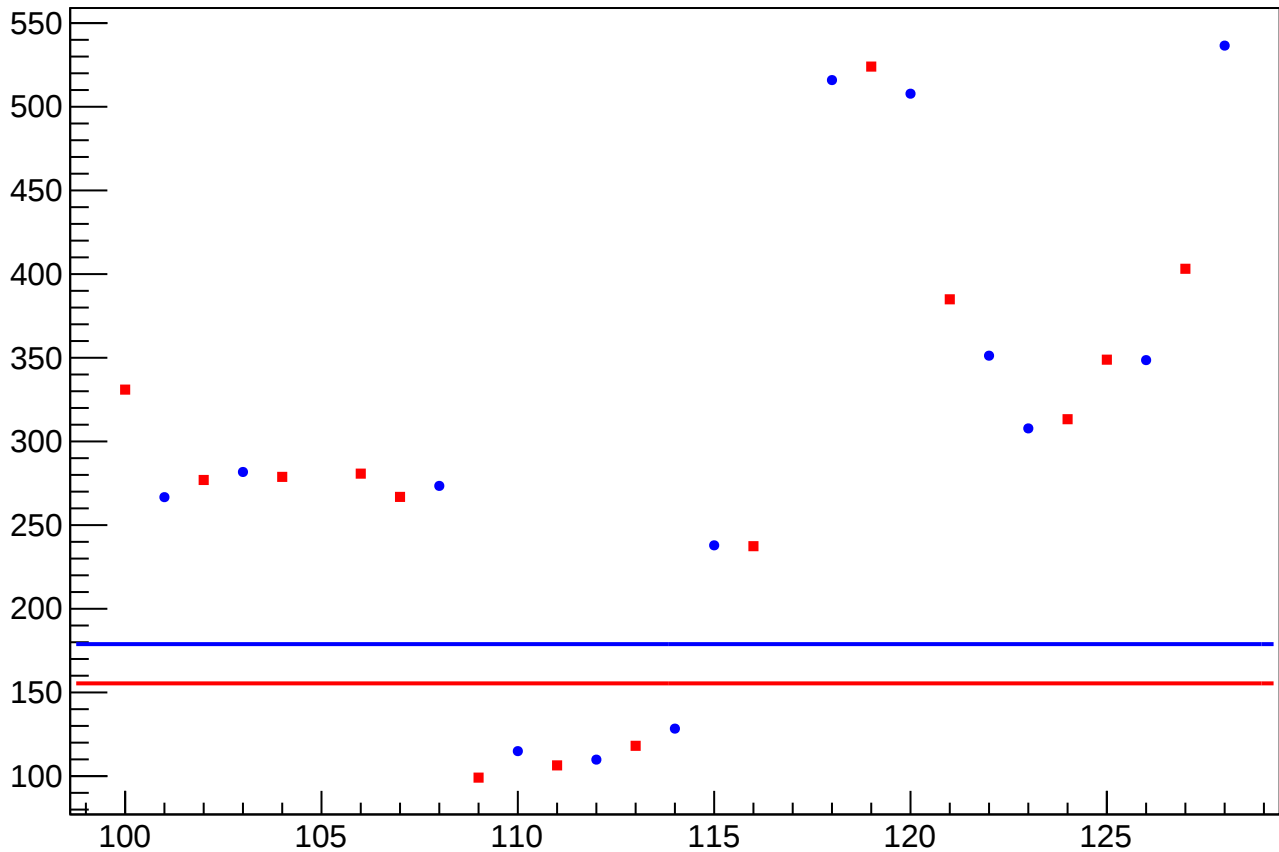
Right: -143.195 ± 61.614 $\chi^2/\text{NDF}: 21.1/26$

In: -104.757 ± 96.859 $\chi^2/\text{NDF}: 10.8/12$

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

All: -143.195 ± 61.614 $\chi^2/\text{NDF}: 21.1/26$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 178.878+/-0.068 χ^2/NDF : 2451181.8/12

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

Right Out: 155.420+/-0.056 χ^2/NDF : 2677395.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

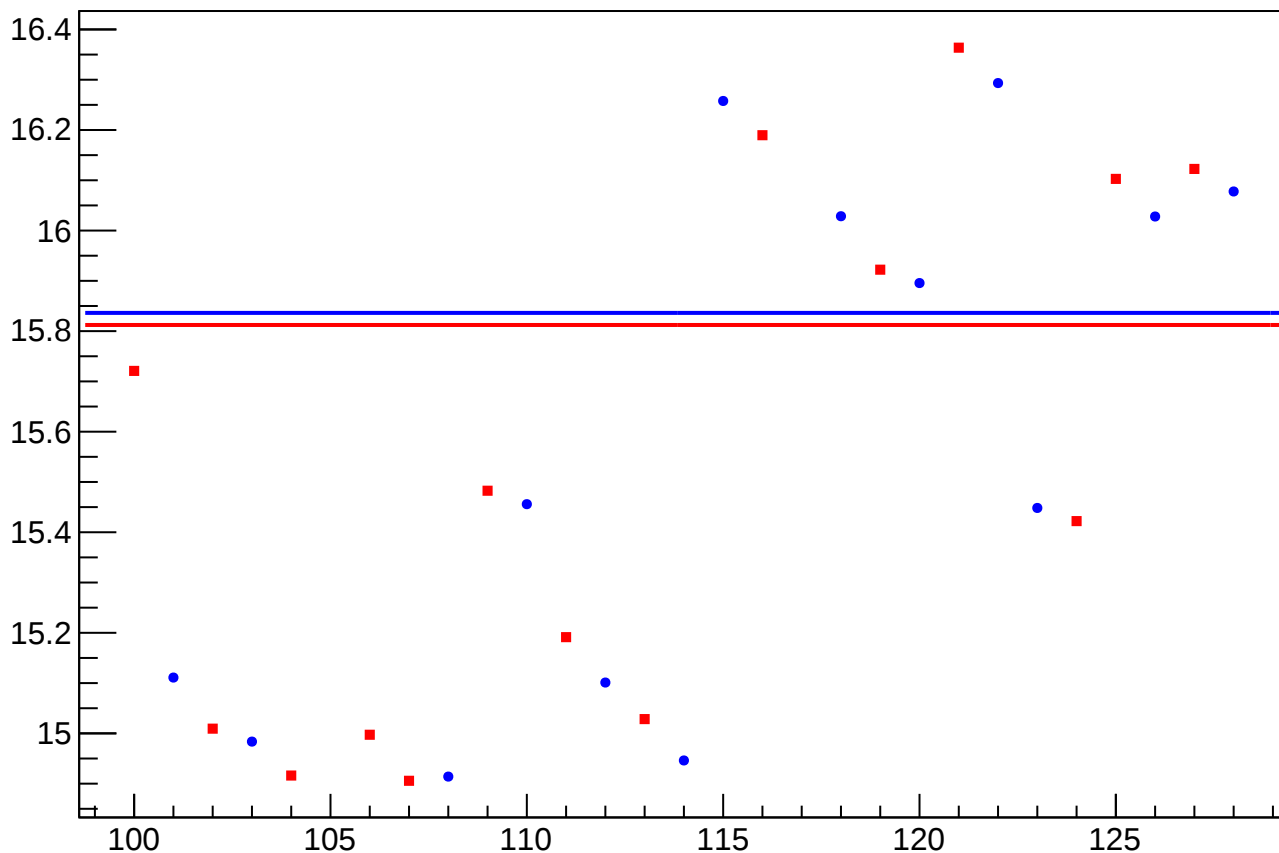
Right: 164.912+/-0.044 χ^2/NDF : 5198421.3/26

In: 178.878+/-0.068 χ^2/NDF : 2451181.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

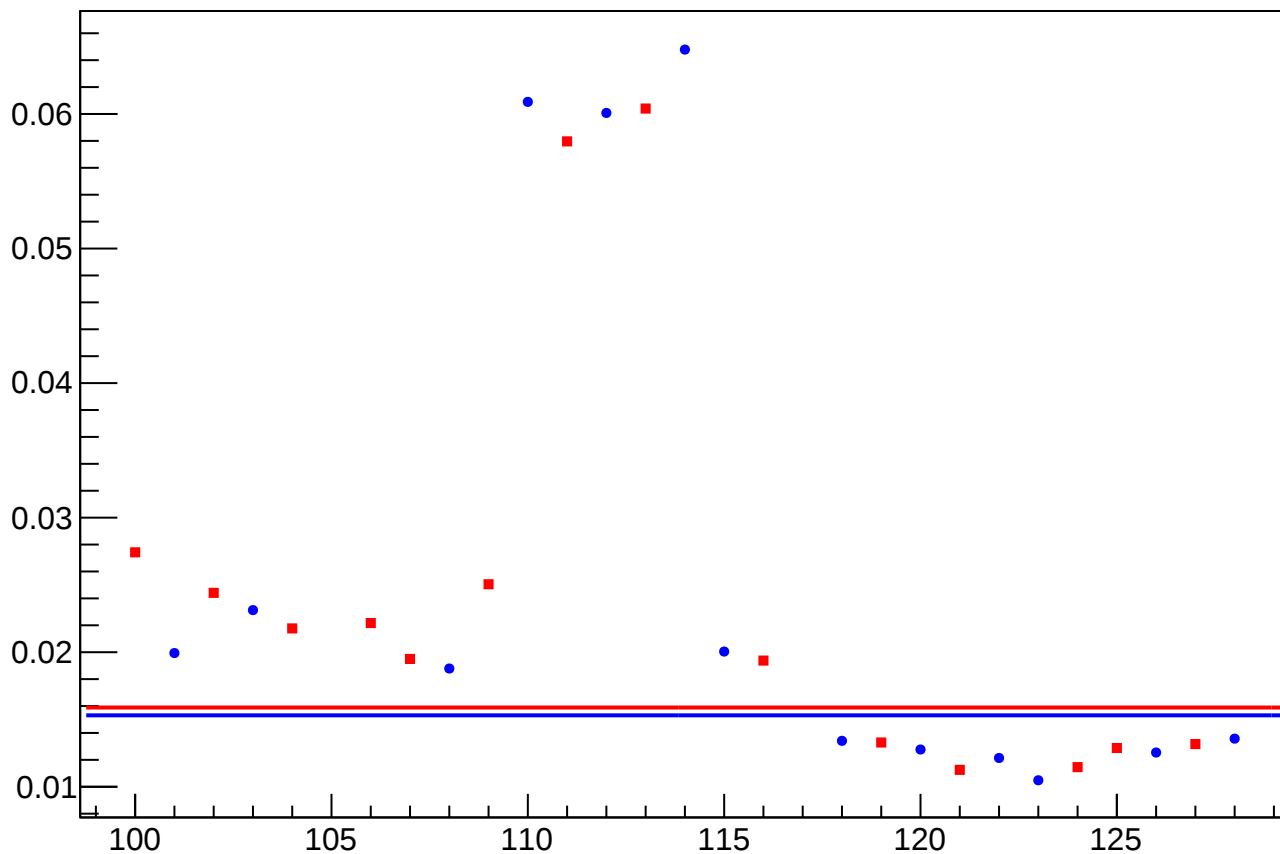
All: 164.912+/-0.044 χ^2/NDF : 5198421.3/26

yield_sam1_mean vs Slug, Sign Corrected



Right In: 15.836+/-0.000 χ^2/NDF : 3333318434.5/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 15.812+/-0.000 χ^2/NDF : 4015518957.0/13
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 15.824+/-0.000 χ^2/NDF : 7353403521.1/26
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 15.824+/-0.000 χ^2/NDF : 7353403521.1/26
 In: 15.836+/-0.000 χ^2/NDF : 3333318434.5/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 1349028.0/12

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

Right Out: 0.016+/-0.000 χ^2/NDF : 1544726.1/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

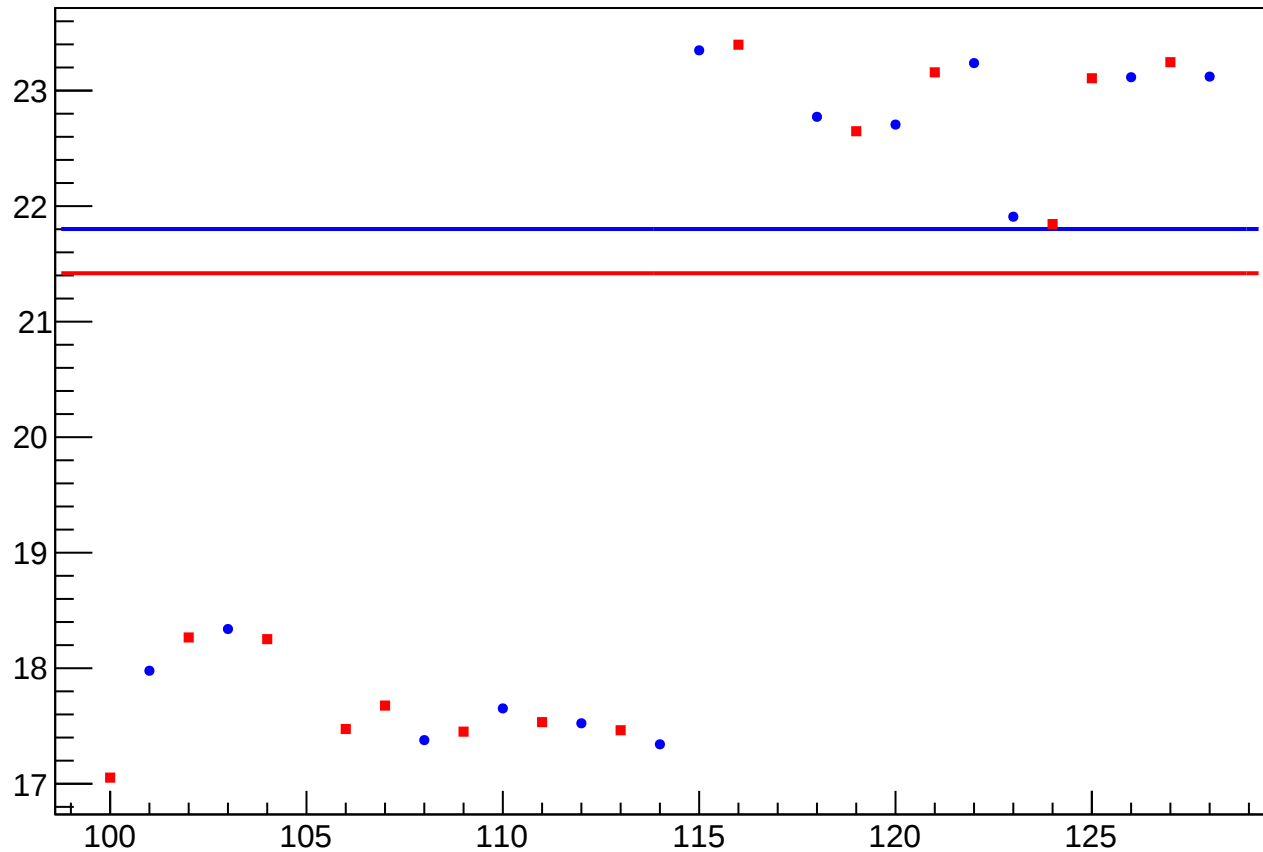
Right: 0.016+/-0.000 χ^2/NDF : 2899074.4/26

In: 0.015+/-0.000 χ^2/NDF :1349028.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.016+/-0.000 χ^2/NDF : 2899074.4/26

yield_sam2_mean vs Slug, Sign Corrected



Right In: 21.802+/-0.000 χ^2/NDF : 832369153.8/12

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

Right Out: 21.419+/-0.000 χ^2/NDF : 927646348.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

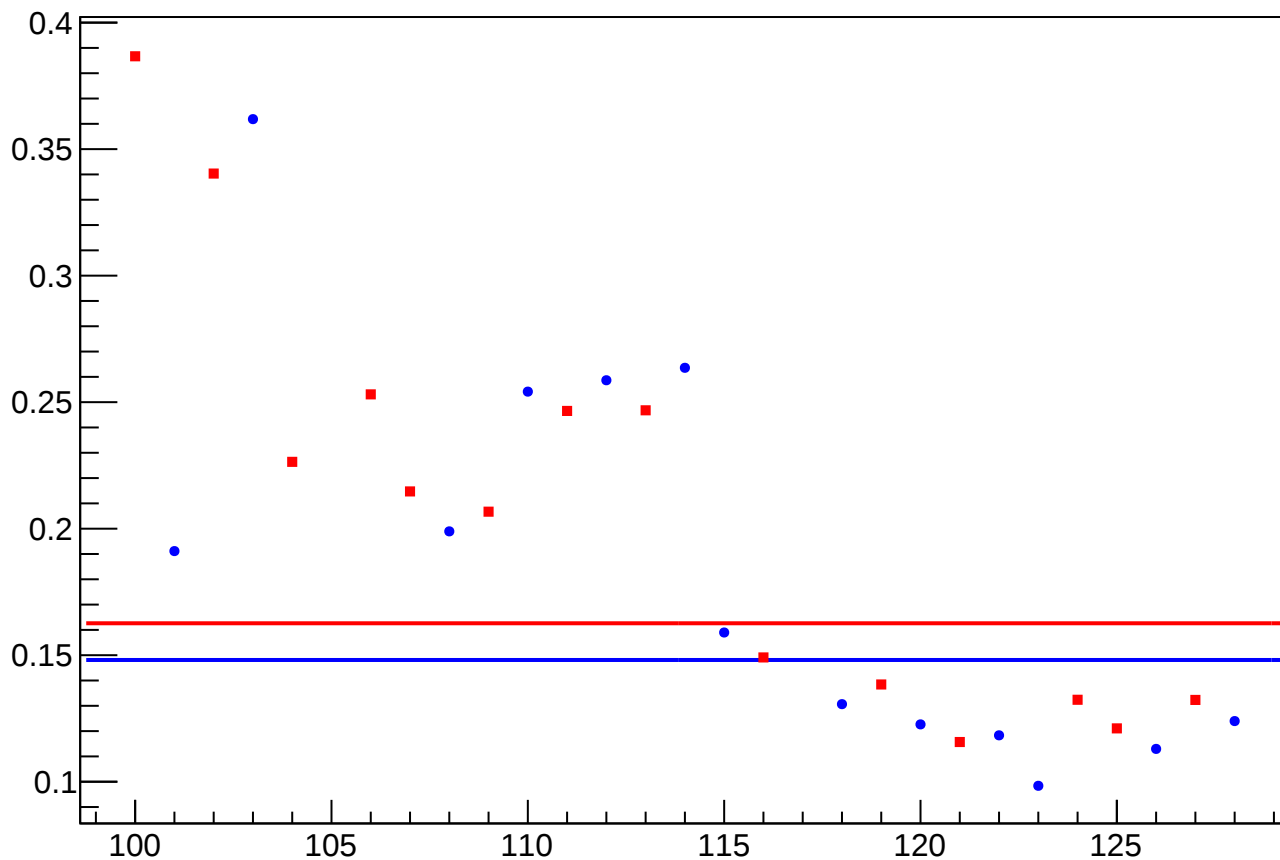
Right: 21.618+/-0.000 χ^2/NDF : 1771873709.7/26

In: 21.802+/-0.000 χ^2/NDF : 832369153.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.618+/-0.000 χ^2/NDF : 1771873709.7/26

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.148+/-0.000 χ^2/NDF : 987871.6/12

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

Right Out: 0.163+/-0.000 χ^2/NDF : 976245.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

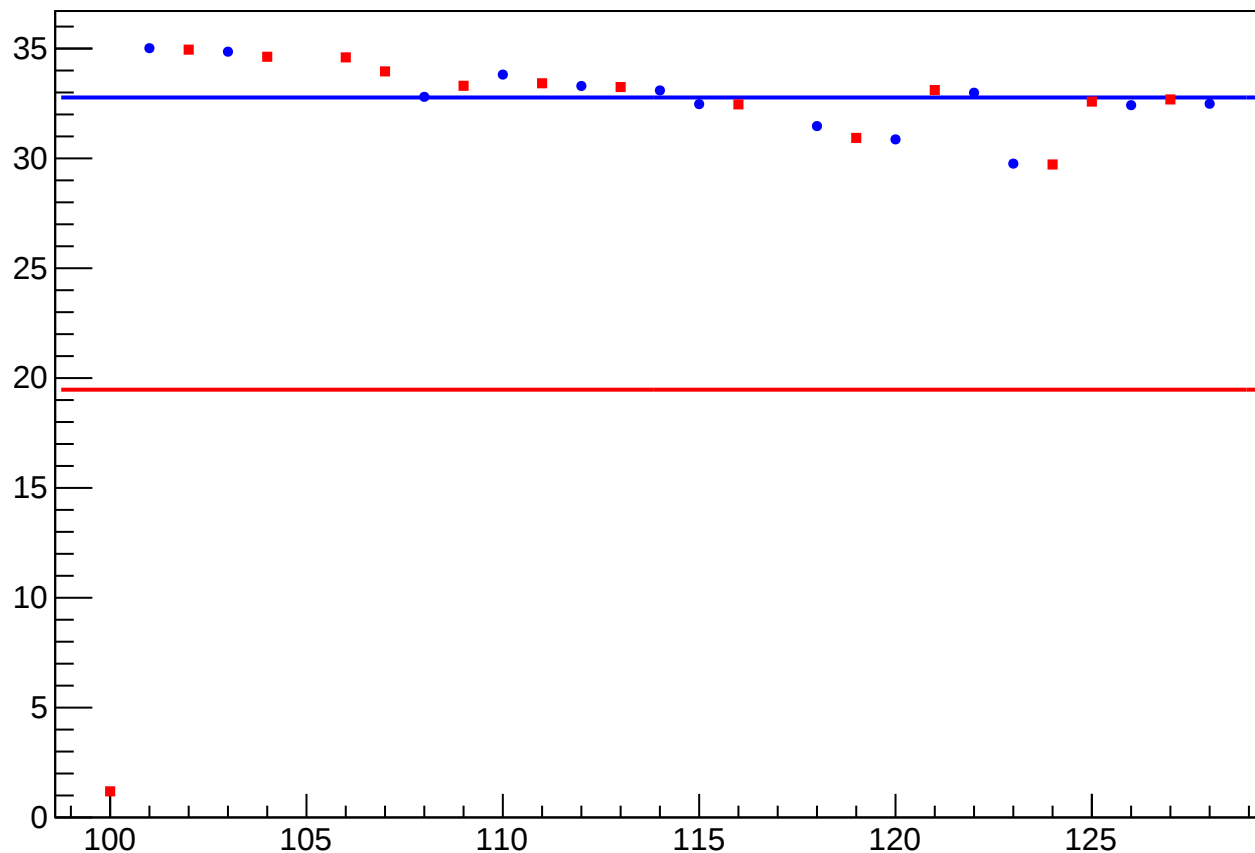
Right: 0.155+/-0.000 χ^2/NDF : 1998190.4/26

In: 0.148+/-0.000 χ^2/NDF : 987871.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.155+/-0.000 χ^2/NDF : 1998190.4/26

yield_sam3_mean vs Slug, Sign Corrected



Right In: 32.773+/-0.000 χ^2/NDF : 433333861.8/12

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

Right Out: 19.472+/-0.000 χ^2/NDF : 206889325787.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

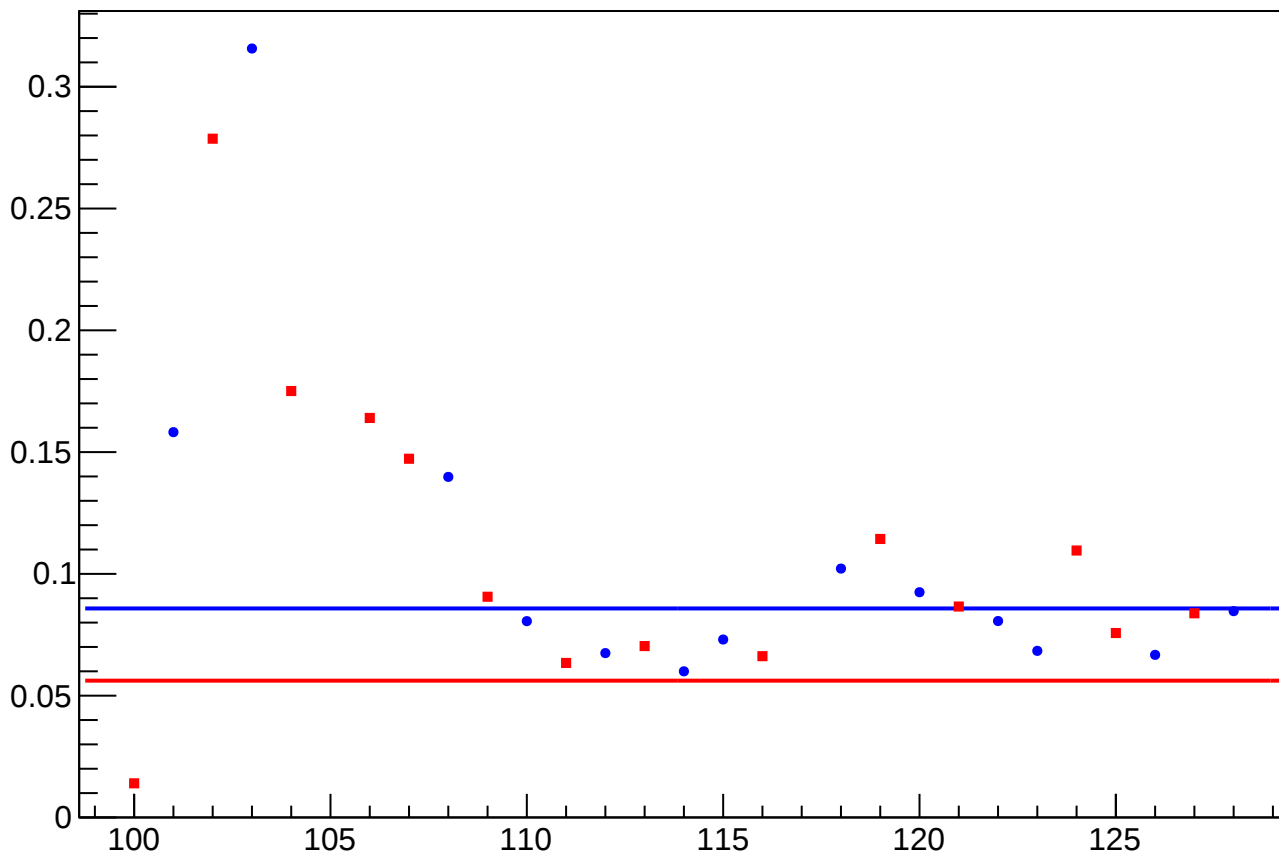
Right: 24.204+/-0.000 χ^2/NDF : 260109871562.9/26

In: 32.773+/-0.000 χ^2/NDF : 433333861.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.204+/-0.000 χ^2/NDF : 260109871562.9/26

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.086+/-0.000 χ^2/NDF : 1064367.3/12

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

Right Out: 0.056+/-0.000 χ^2/NDF : 3295726.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

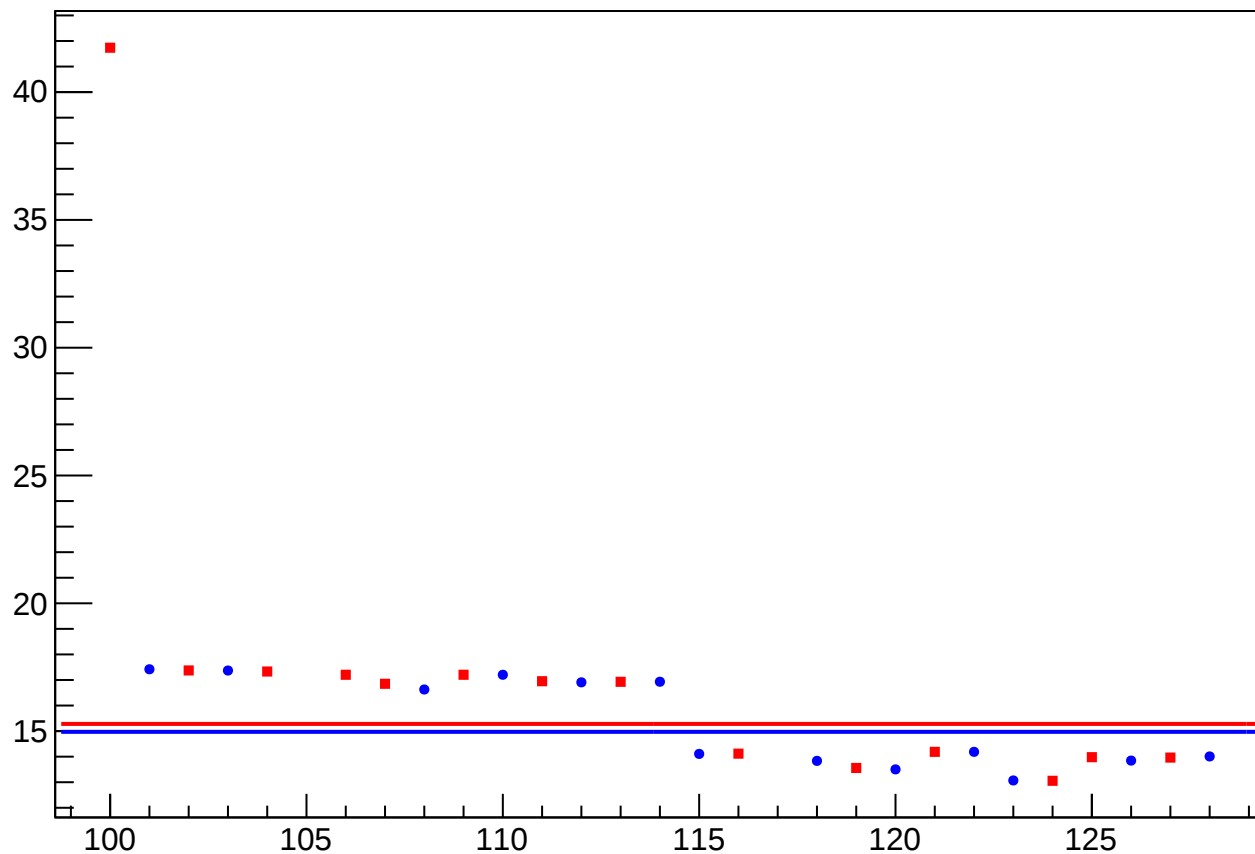
Right: 0.067+/-0.000 χ^2/NDF : 4884407.4/26

In: 0.086+/-0.000 χ^2/NDF :1064367.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

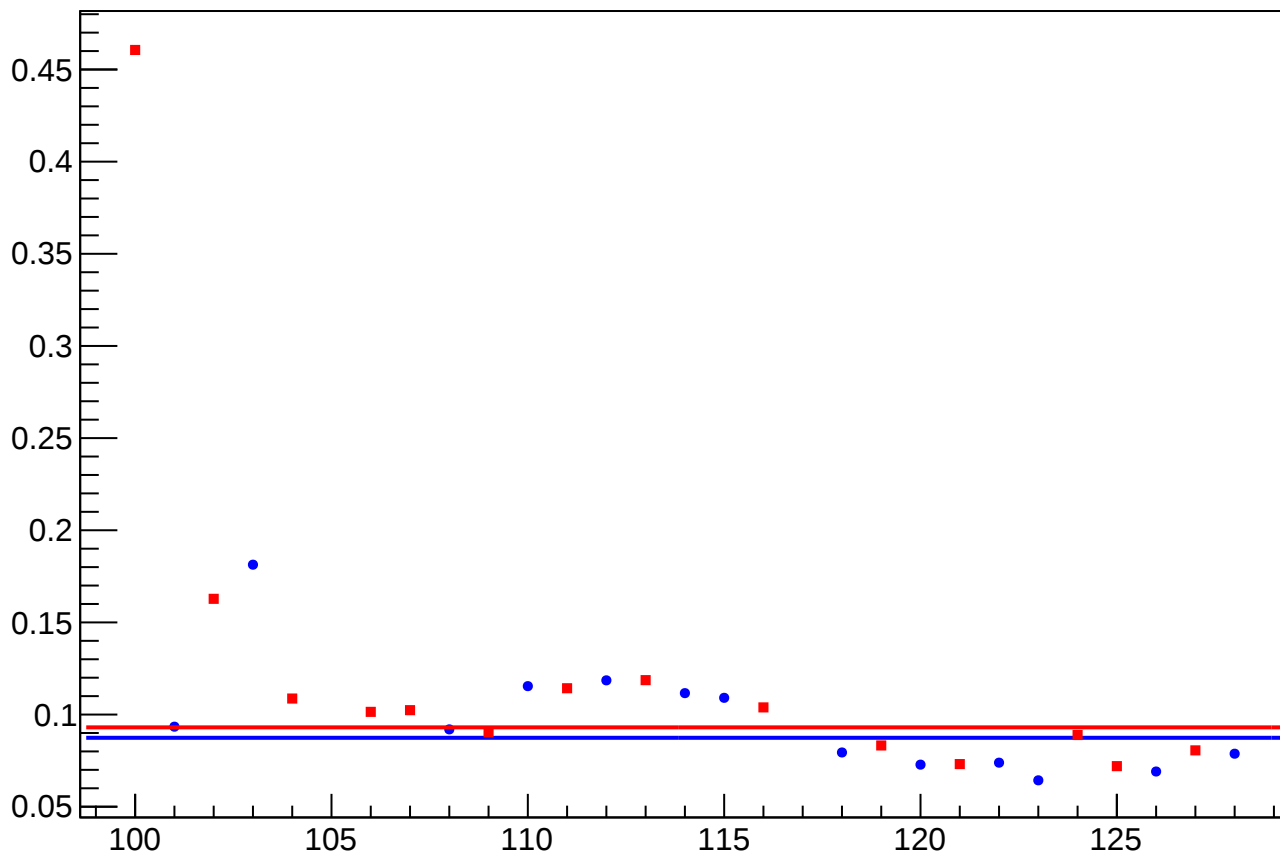
All: 0.067+/-0.000 χ^2/NDF : 4884407.4/26

yield_sam4_mean vs Slug, Sign Corrected



Right In: 14.971+/-0.000 χ^2/NDF : 1219965914.4/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 15.281+/-0.000 χ^2/NDF : 1542587820.0/13
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 15.124+/-0.000 χ^2/NDF : 2786891038.1/26
 In: 14.971+/-0.000 χ^2/NDF : 1219965914.4/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 15.124+/-0.000 χ^2/NDF : 2786891038.1/26

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.087+/-0.000 χ^2/NDF : 541745.2/12

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

Right Out: 0.093+/-0.000 χ^2/NDF : 502006.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

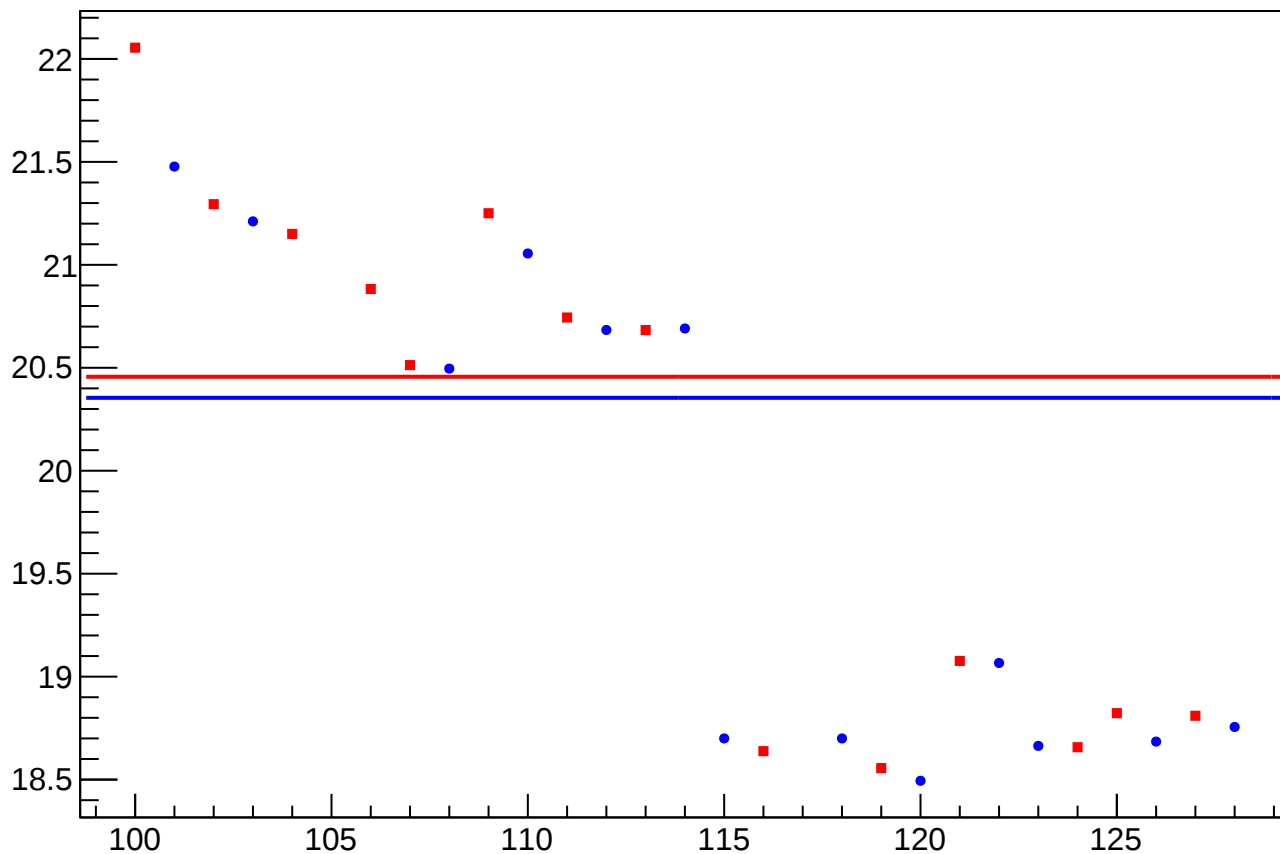
Right: 0.090+/-0.000 χ^2/NDF : 1059971.2/26

In: 0.087+/-0.000 χ^2/NDF : 541745.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.090+/-0.000 χ^2/NDF : 1059971.2/26

yield_sam5_mean vs Slug, Sign Corrected



Right In: 20.354+/-0.000 χ^2/NDF : 5529894659.6/12

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

Right Out: 20.456+/-0.000 χ^2/NDF : 4959549699.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

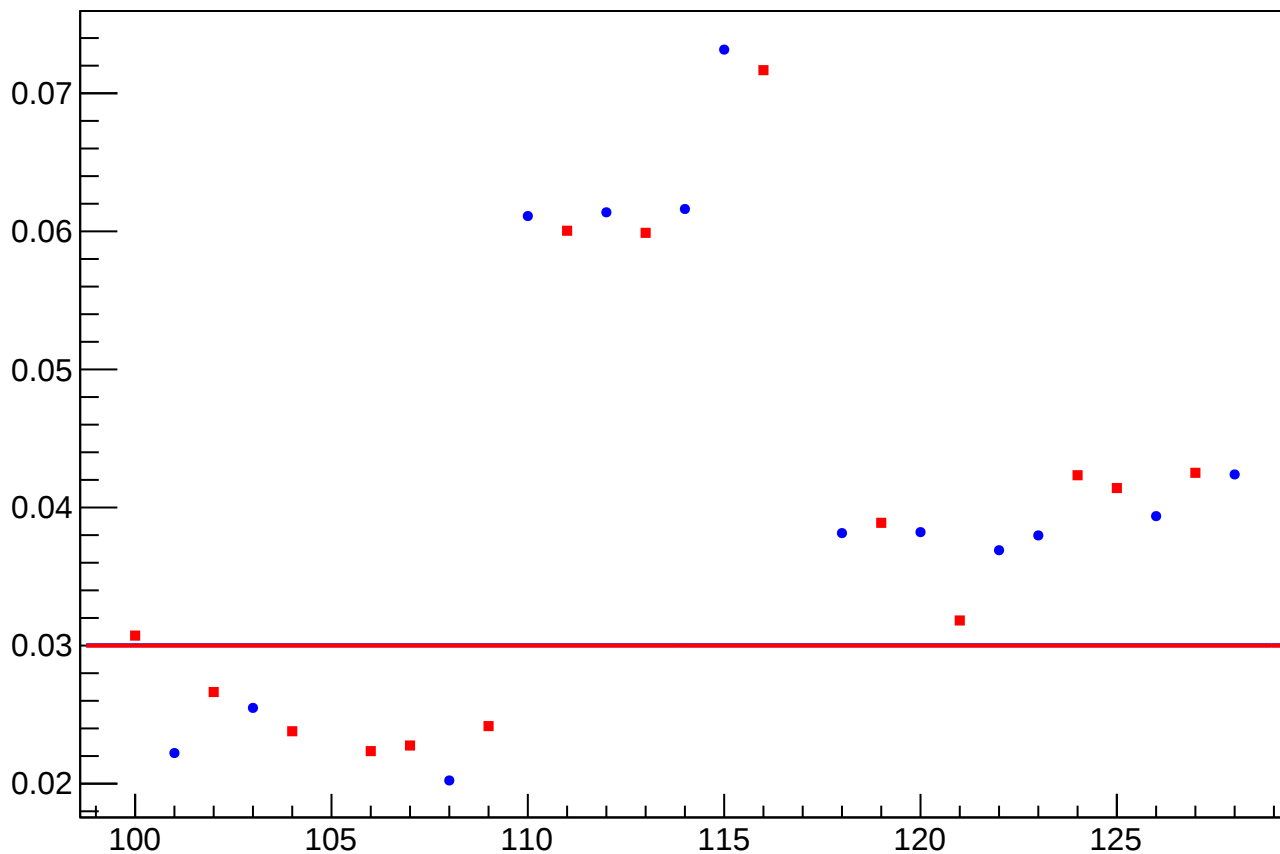
Right: 20.408+/-0.000 χ^2/NDF : 10512914248.6/26

In: 20.354+/-0.000 χ^2/NDF : 5529894659.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.408+/-0.000 χ^2/NDF : 10512914248.6

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.030+/-0.000 χ^2/NDF : 1084975.3/12

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

Right Out: 0.030+/-0.000 χ^2/NDF : 1012209.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

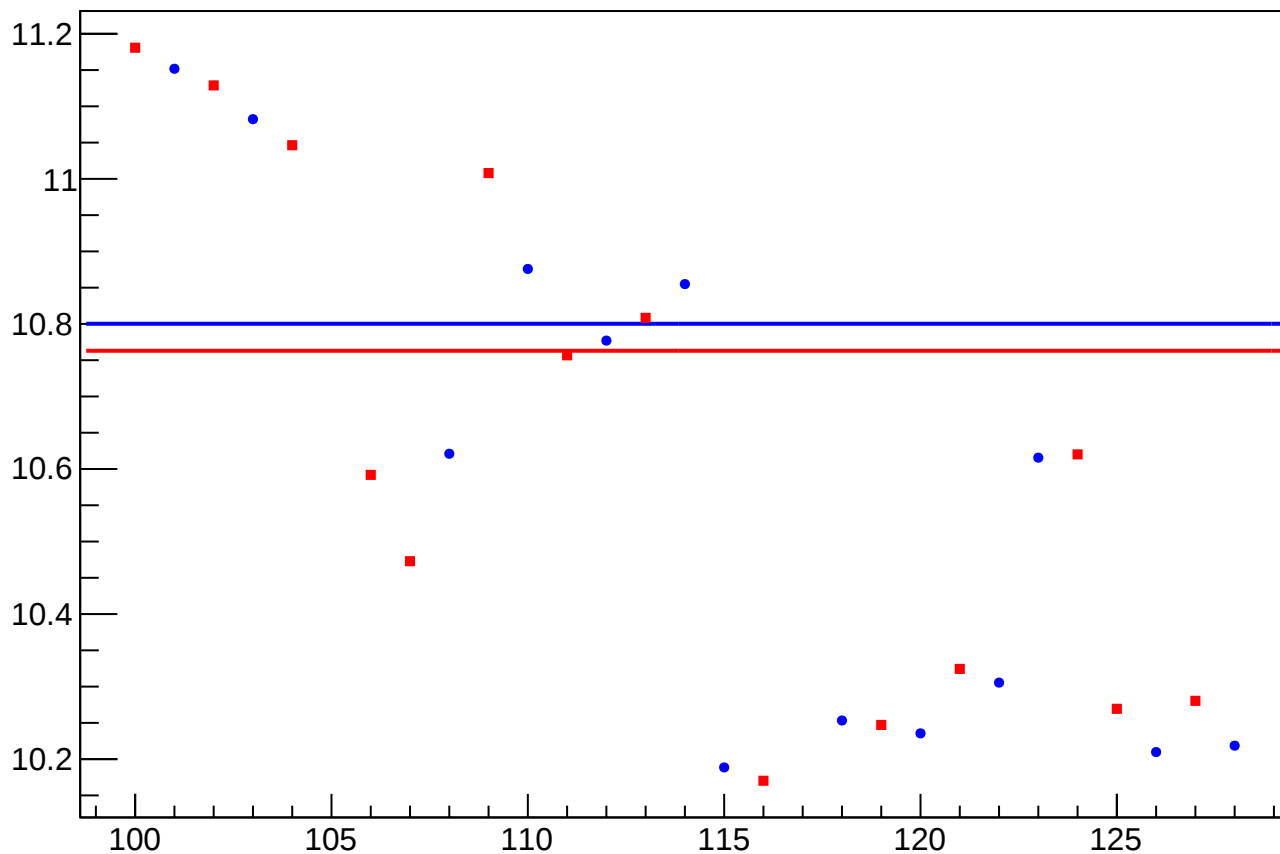
Right: 0.030+/-0.000 χ^2/NDF : 2097188.4/26

In: 0.030+/-0.000 χ^2/NDF : 1084975.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.030+/-0.000 χ^2/NDF : 2097188.4/26

yield_sam6_mean vs Slug, Sign Corrected



Right In: 10.800+/-0.000 χ^2/NDF : 2760327866.3/12

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

Right Out: 10.763+/-0.000 χ^2/NDF : 2129918027.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

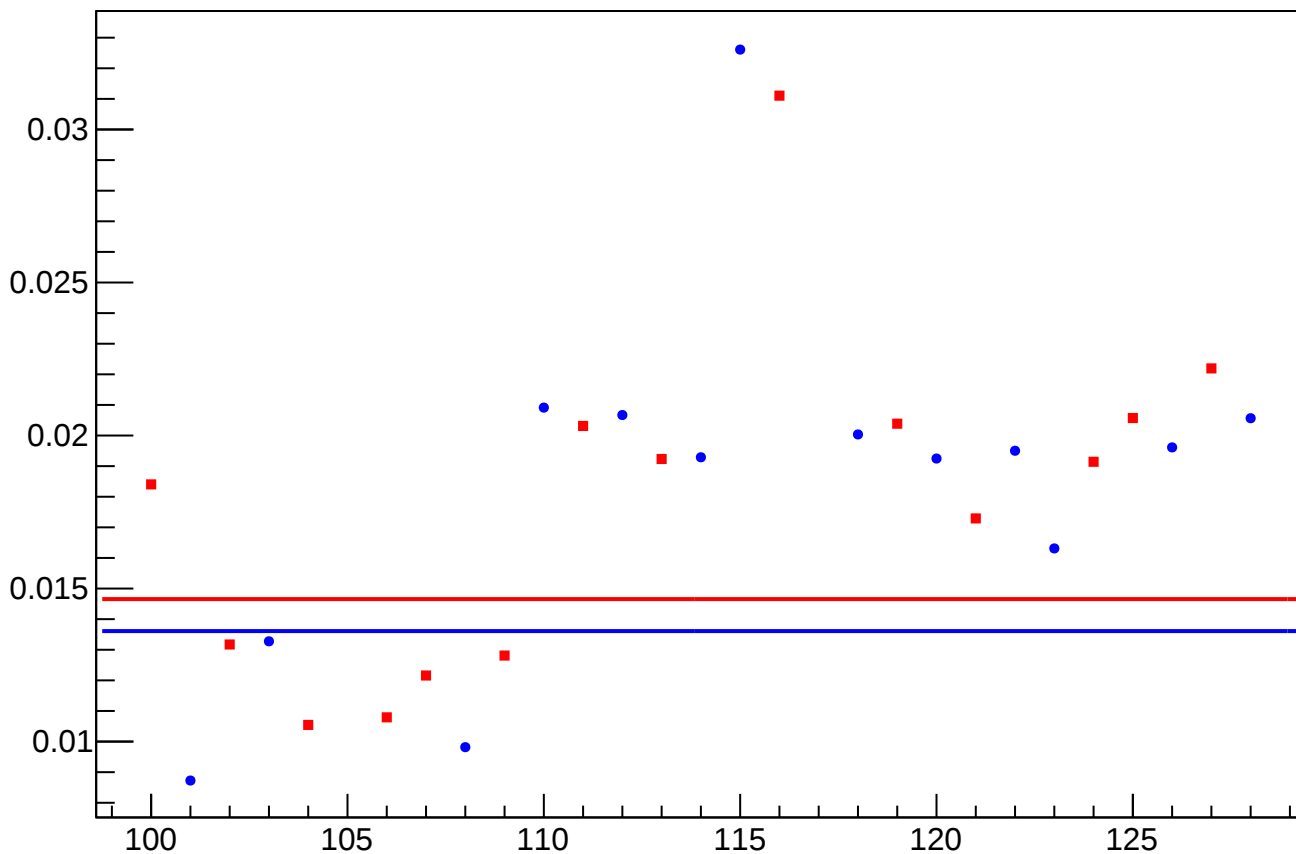
Right: 10.782+/-0.000 χ^2/NDF : 4904322262.6/26

In: 10.800+/-0.000 χ^2/NDF : 2760327866.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.782+/-0.000 χ^2/NDF : 4904322262.6/26

yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1096351.2/12

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

Right Out: 0.015+/-0.000 χ^2/NDF : 753111.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

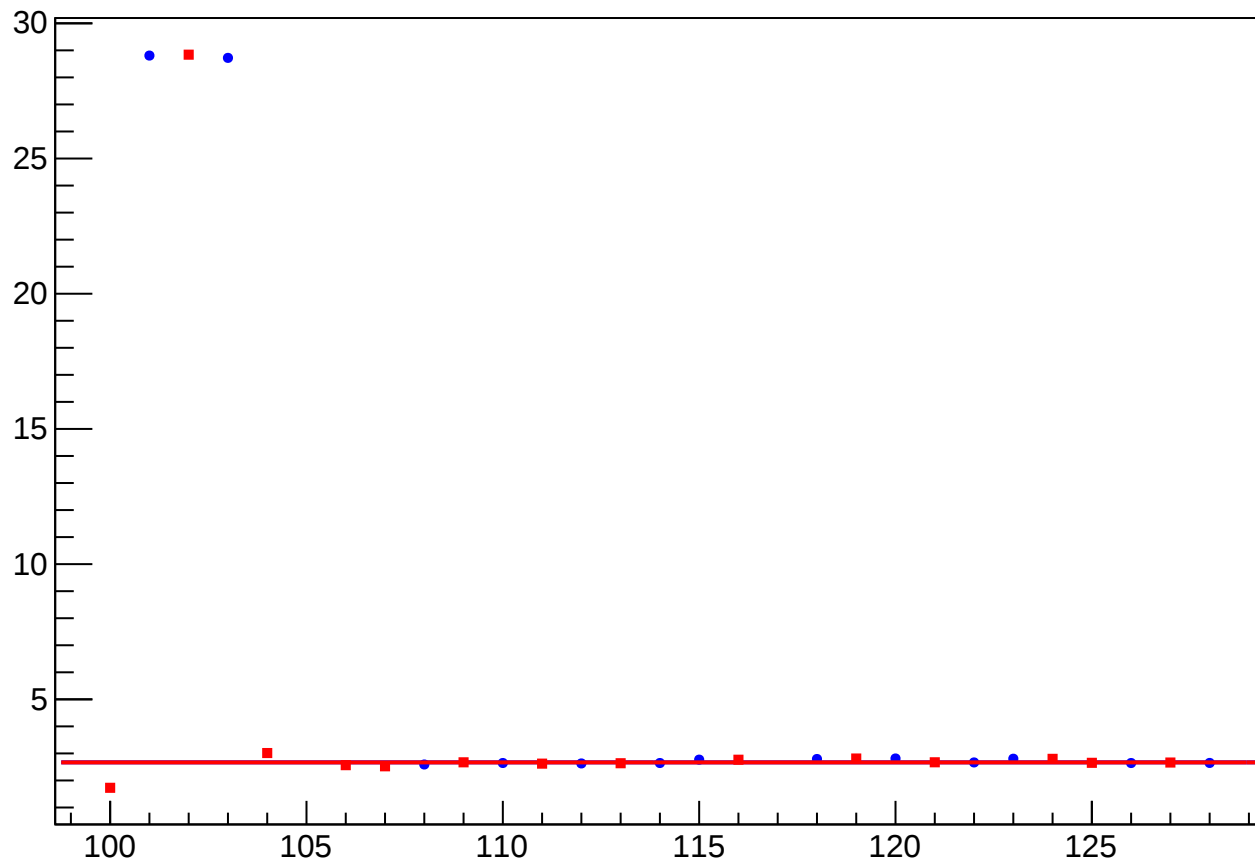
Right: 0.014+/-0.000 χ^2/NDF : 1871687.2/26

In: 0.014+/-0.000 χ^2/NDF :1096351.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

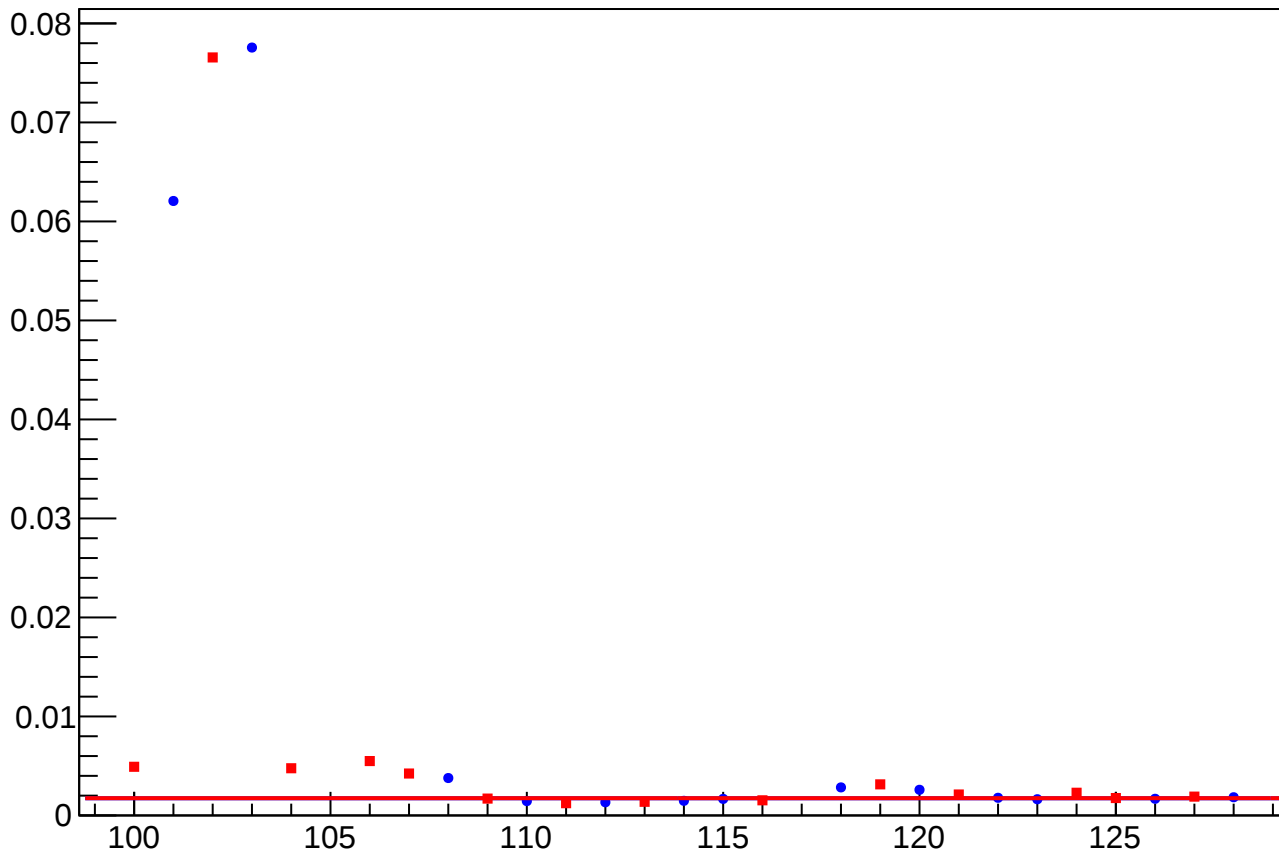
All: 0.014+/-0.000 χ^2/NDF : 1871687.2/26

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.670+/-0.000	χ^2/NDF : 162211463952.4/12	Left: 0.000+/-0.000	χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000	χ^2/NDF : 0.0/0	Right: 2.669+/-0.000	χ^2/NDF : 231831816544.0/26
Right Out: 2.668+/-0.000	χ^2/NDF : 69617400465.6/13	In: 2.670+/-0.000	χ^2/NDF : 162211463952.4/12
Left In: 0.000+/-0.000	χ^2/NDF : 0.0/0	Out: 0.000+/-0.000	χ^2/NDF : 0.0/0
		All: 2.669+/-0.000	χ^2/NDF : 231831816544.0

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2574768.4/12

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

Right Out: 0.002+/-0.000 χ^2/NDF : 2141808.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

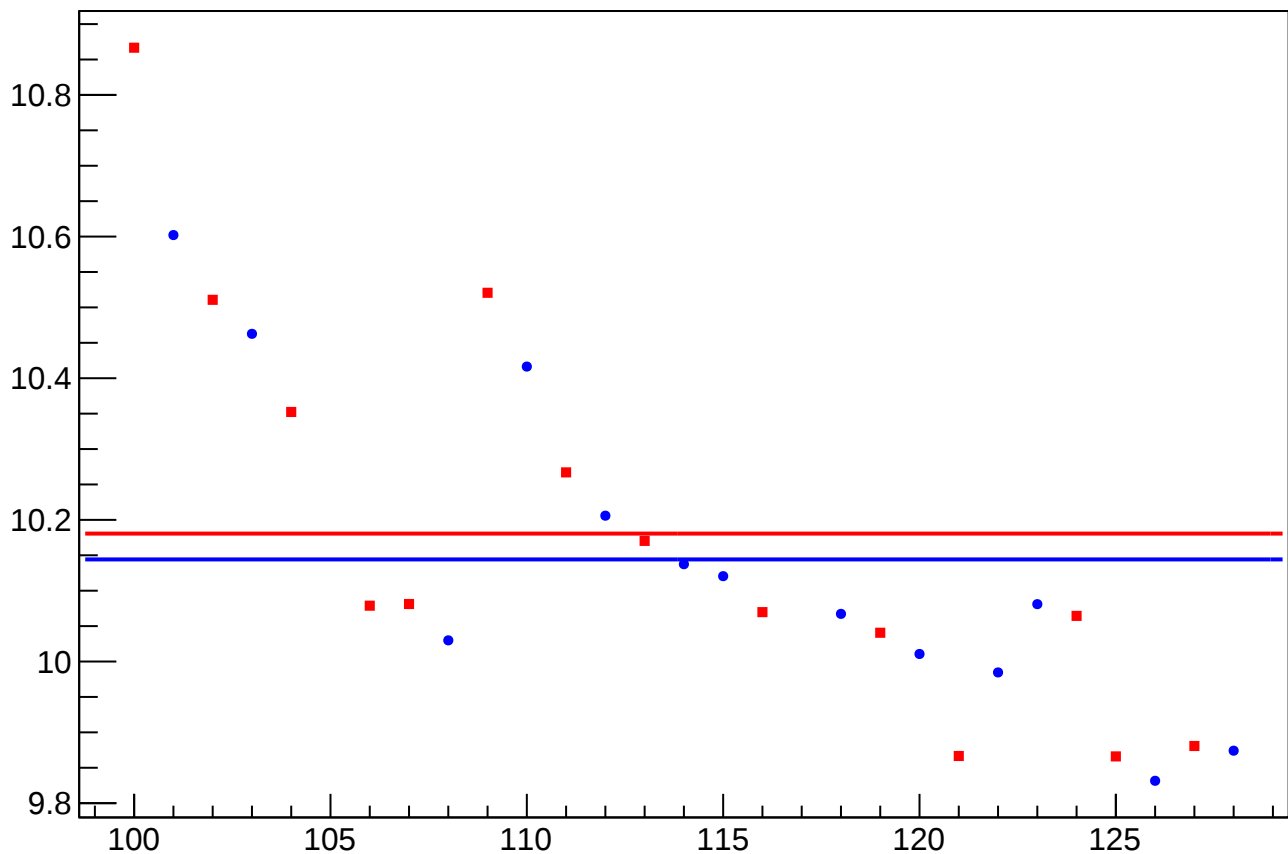
Right: 0.002+/-0.000 χ^2/NDF : 4716722.3/26

In: 0.002+/-0.000 χ^2/NDF : 2574768.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4716722.3/26

yield_sam8_mean vs Slug, Sign Corrected



Right In: 10.144+/-0.000 χ^2/NDF : 5387407221.6/12

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

Right Out: 10.181+/-0.000 χ^2/NDF : 5828003573.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

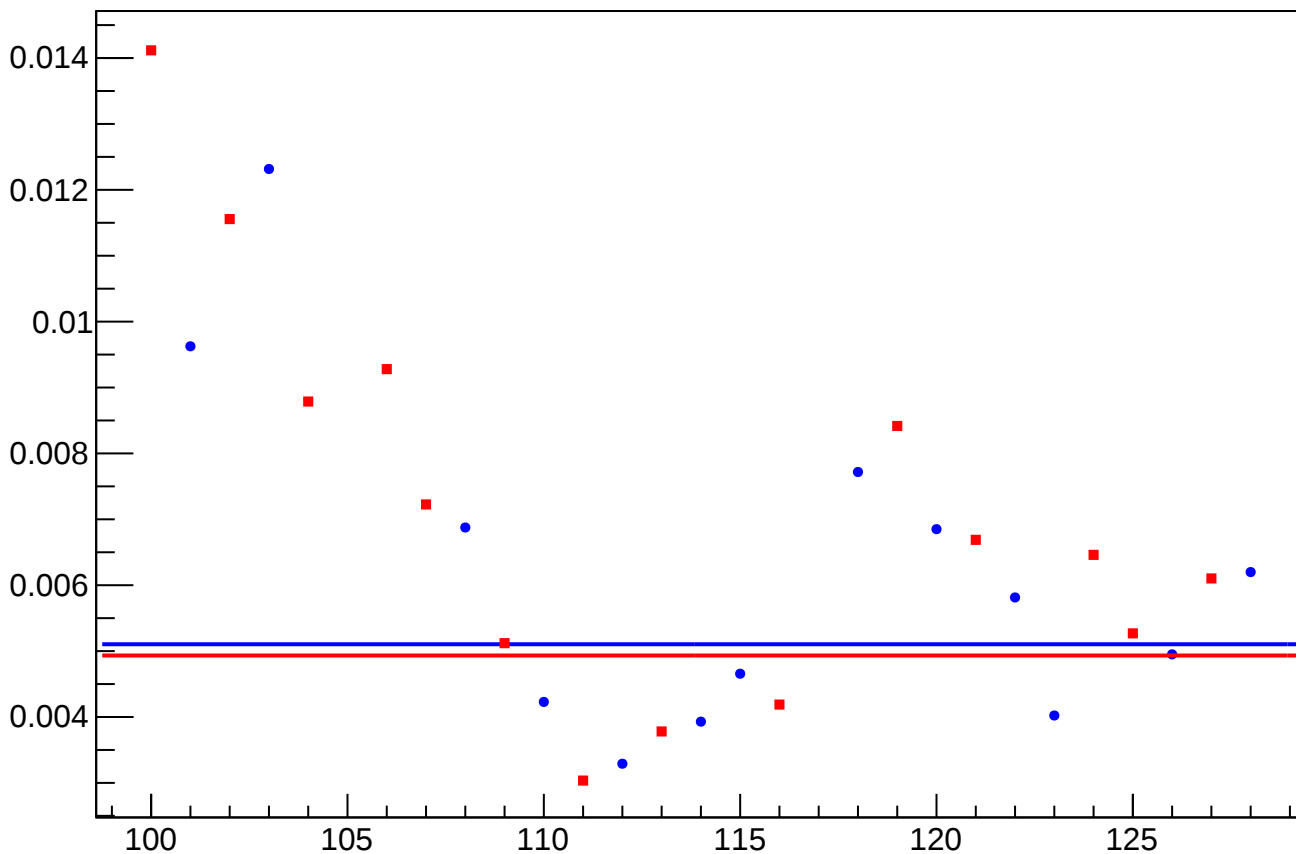
Right: 10.164+/-0.000 χ^2/NDF : 11312008372.8/26

In: 10.144+/-0.000 χ^2/NDF : 5387407221.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.164+/-0.000 χ^2/NDF : 11312008372.8

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1127570.7/12

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

Right Out: 0.005+/-0.000 χ^2/NDF : 1377576.3/13

Left 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 : 2509376.4/26

In: 0.005+/-0.000 χ^2/NDF :1127570.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2509376.4/26

cor_sam1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

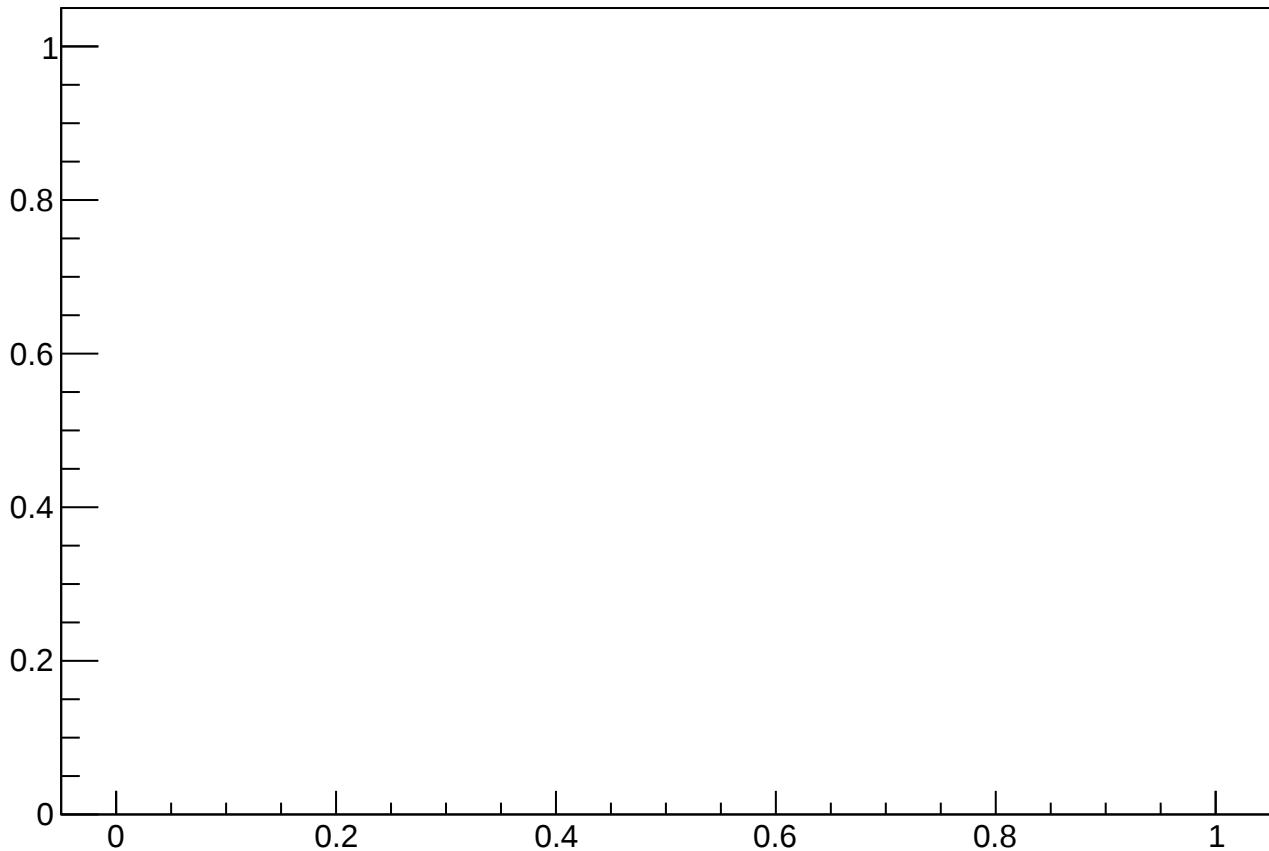
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam1_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

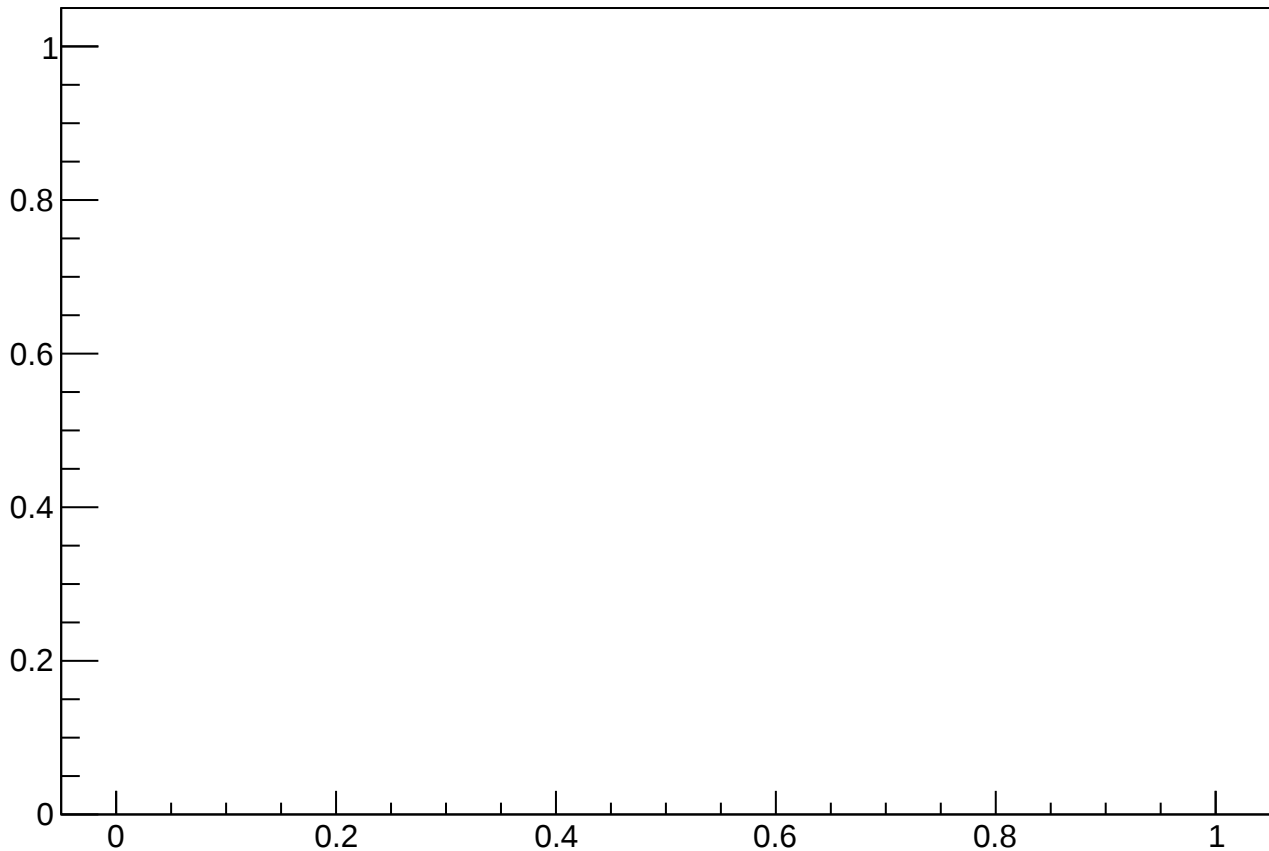
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam2_mean vs Slug, Sign Corrected



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

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

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

Left 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 : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam2_rms vs Slug, Sign Corrected



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

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

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

Left 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 : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam3_mean vs Slug, Sign Corrected



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

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

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

Left 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 : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam3_rms vs Slug, Sign Corrected



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

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

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

Left 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 : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam4_mean vs Slug, Sign Corrected



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

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

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

Left 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 : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam4_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

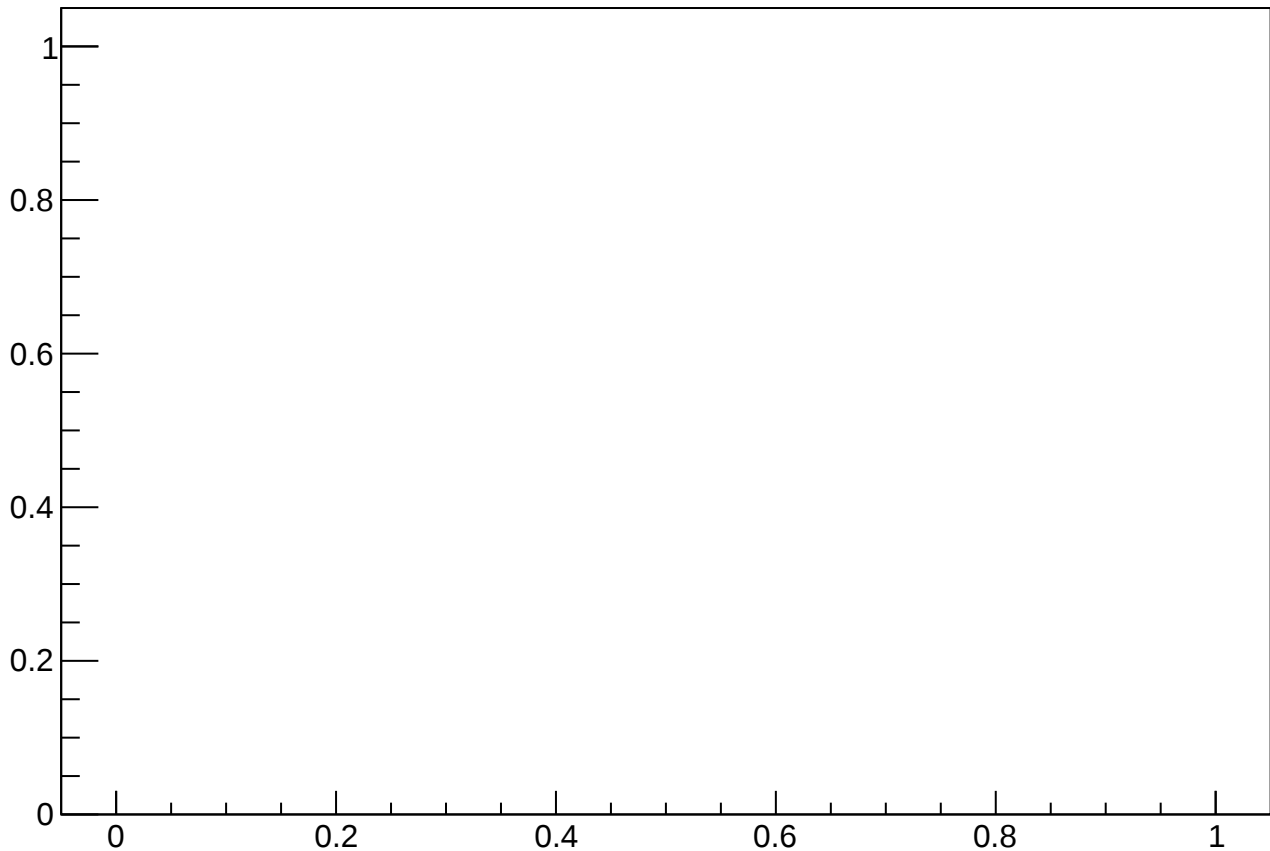
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam5_mean vs Slug, Sign Corrected



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

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

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

Left 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 : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam5_rms vs Slug, Sign Corrected



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

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

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

Left 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 : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam6_mean vs Slug, Sign Corrected



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

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

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

Left 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 : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam6_rms vs Slug, Sign Corrected



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

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

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

Left 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 : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam7_mean vs Slug, Sign Corrected



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

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

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

Left 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 : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam7_rms vs Slug, Sign Corrected



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

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

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

Left 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 : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam8_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

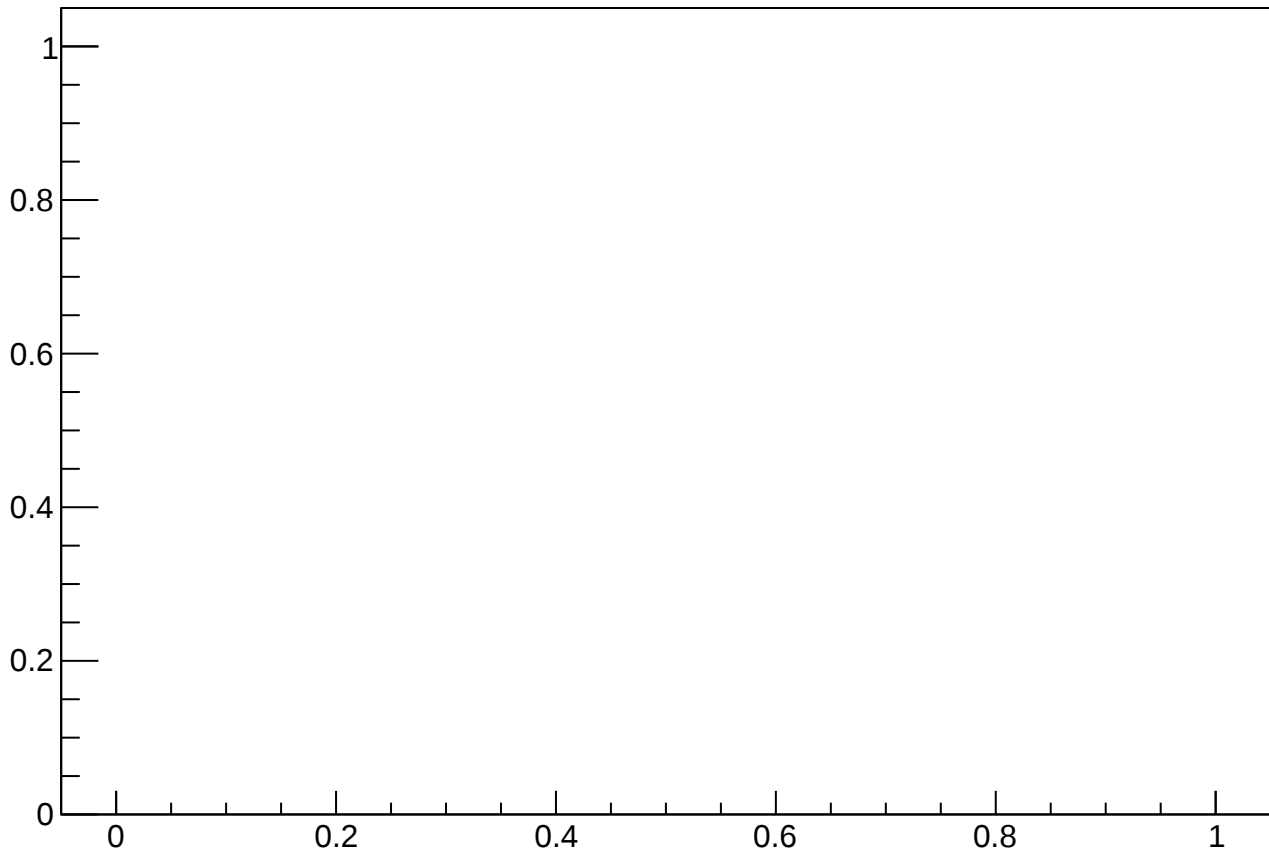
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam8_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

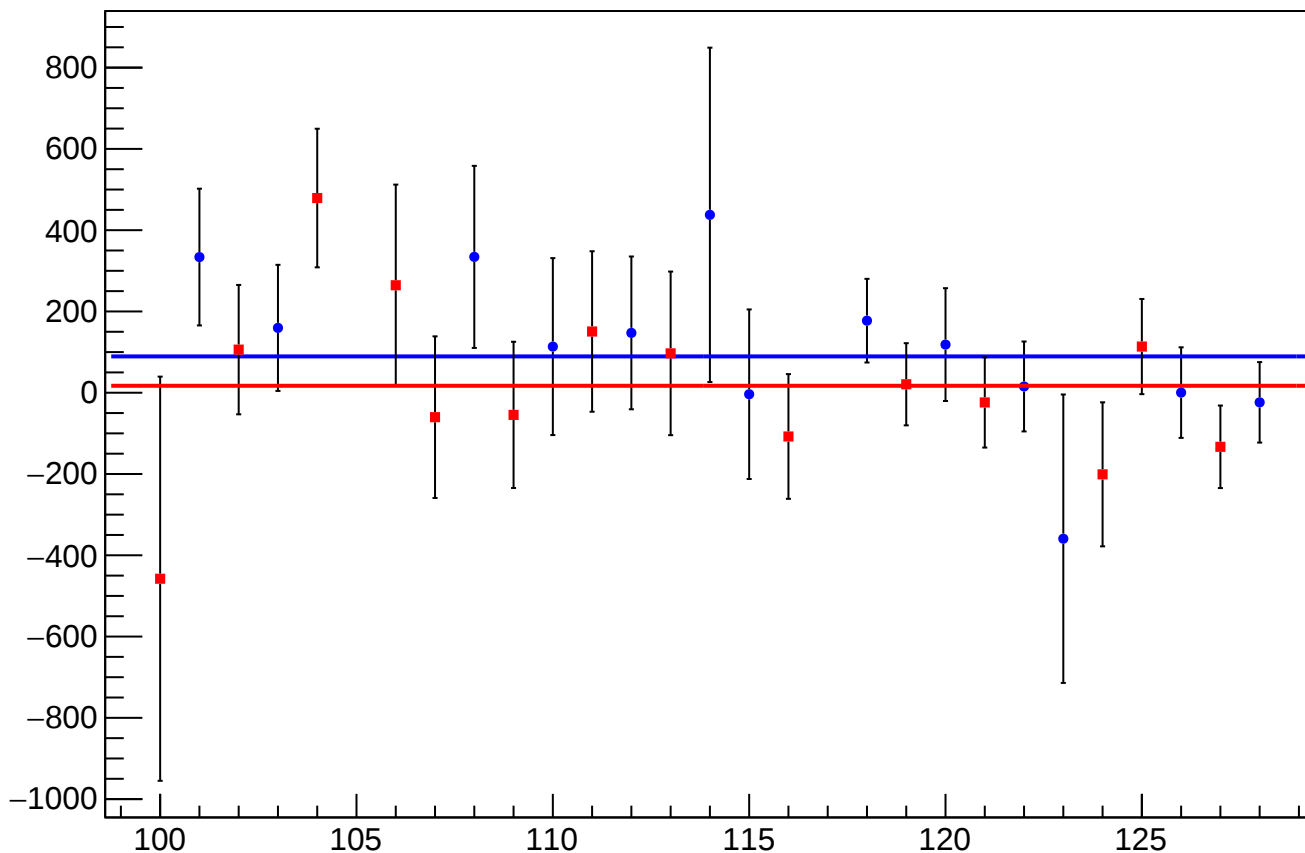
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_mean vs Slug, Sign Corrected



Right In: 89.392+/-41.048 χ^2/NDF : 9.3/12

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

Right Out: 17.118+/-40.037 χ^2/NDF : 15.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

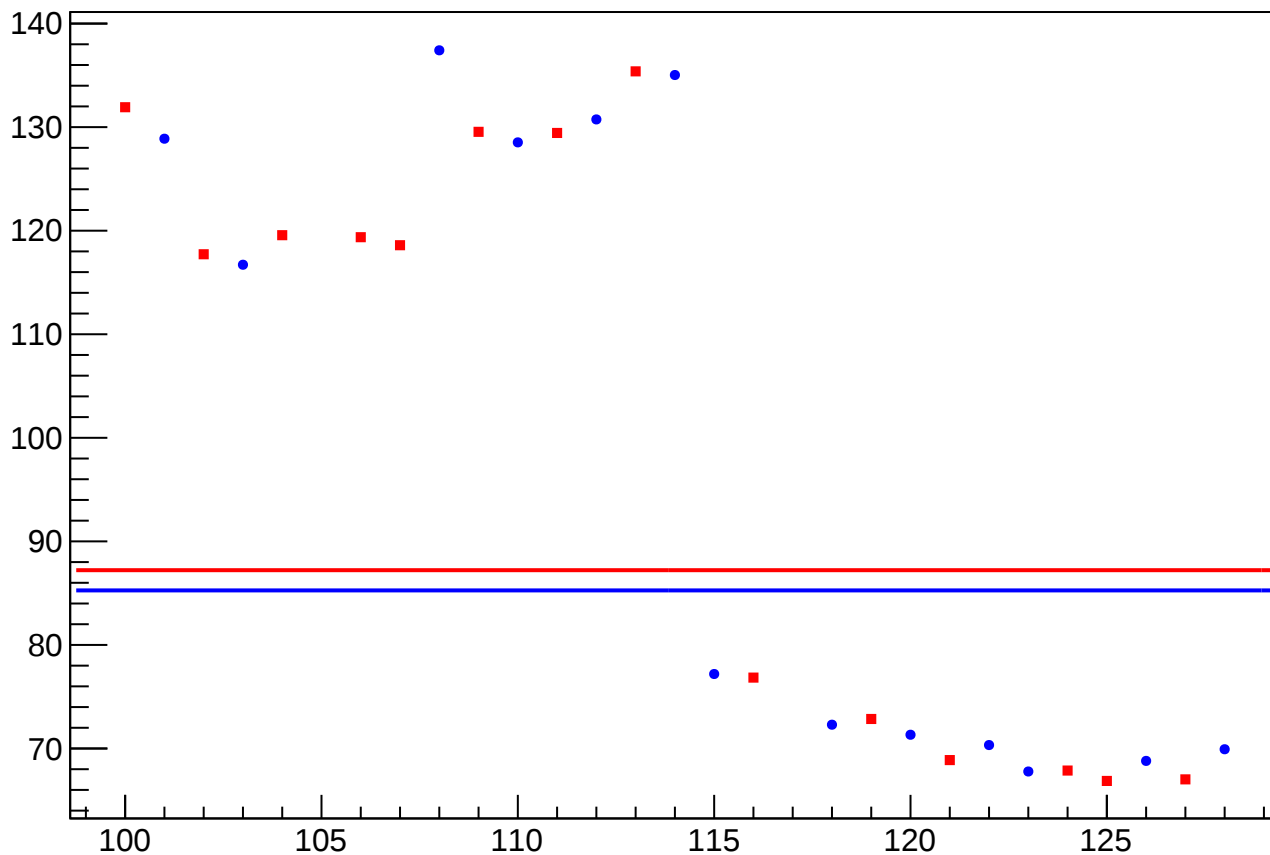
Right: 52.354+/-28.661 χ^2/NDF : 26.5/26

In: 89.392+/-41.048 χ^2/NDF : 9.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.354+/-28.661 χ^2/NDF : 26.5/26

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 85.265+/-0.029 χ^2/NDF : 738143.4/12

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

Right Out: 87.218+/-0.028 χ^2/NDF : 829135.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

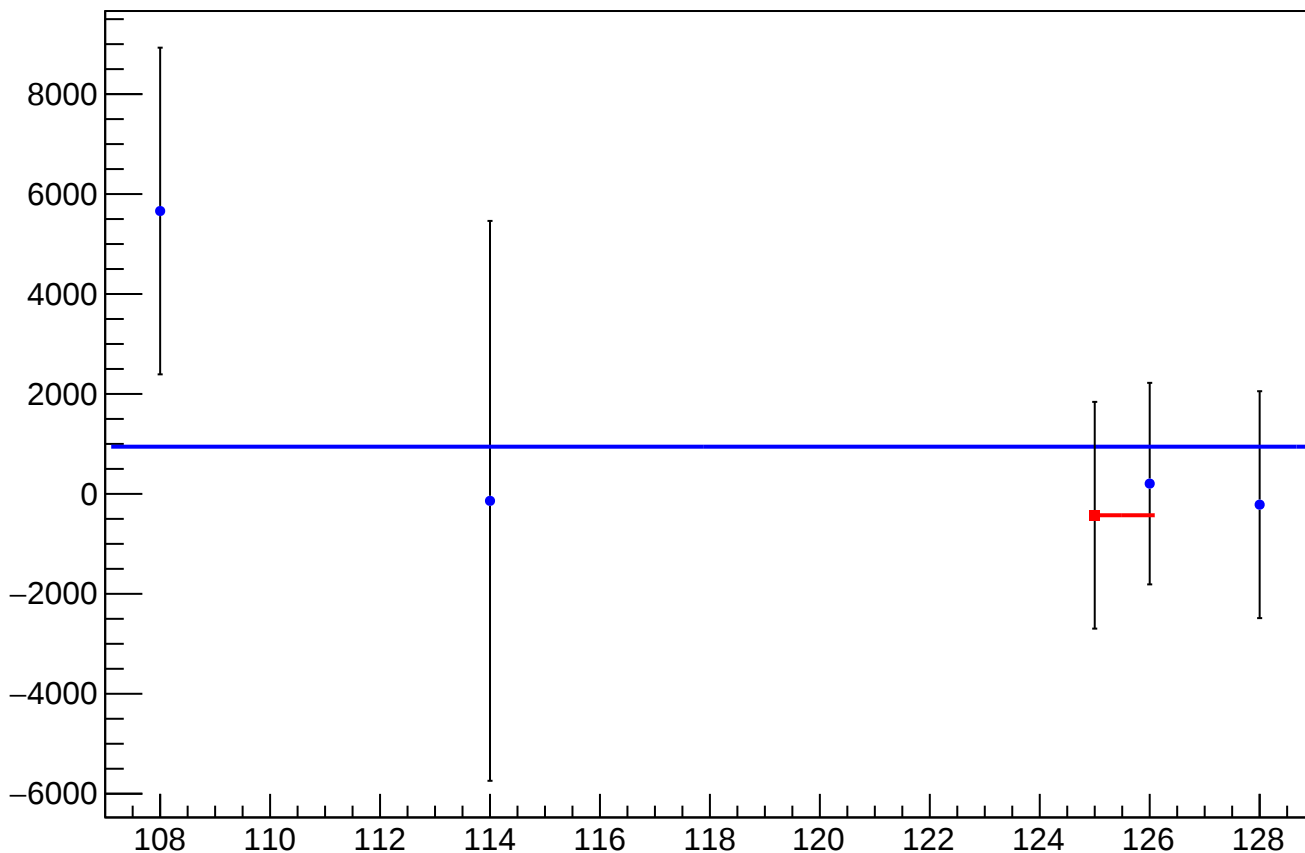
Right: 86.266+/-0.020 χ^2/NDF : 1569597.4/26

In: 85.265+/-0.029 χ^2/NDF : 738143.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.266+/-0.020 χ^2/NDF : 1569597.4/26

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: 944.622+/-1329.889 χ^2 /NDF: 2.5/3

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

Right Out: -427.454+/-2268.681 χ^2 /NDF: 0.0/0

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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

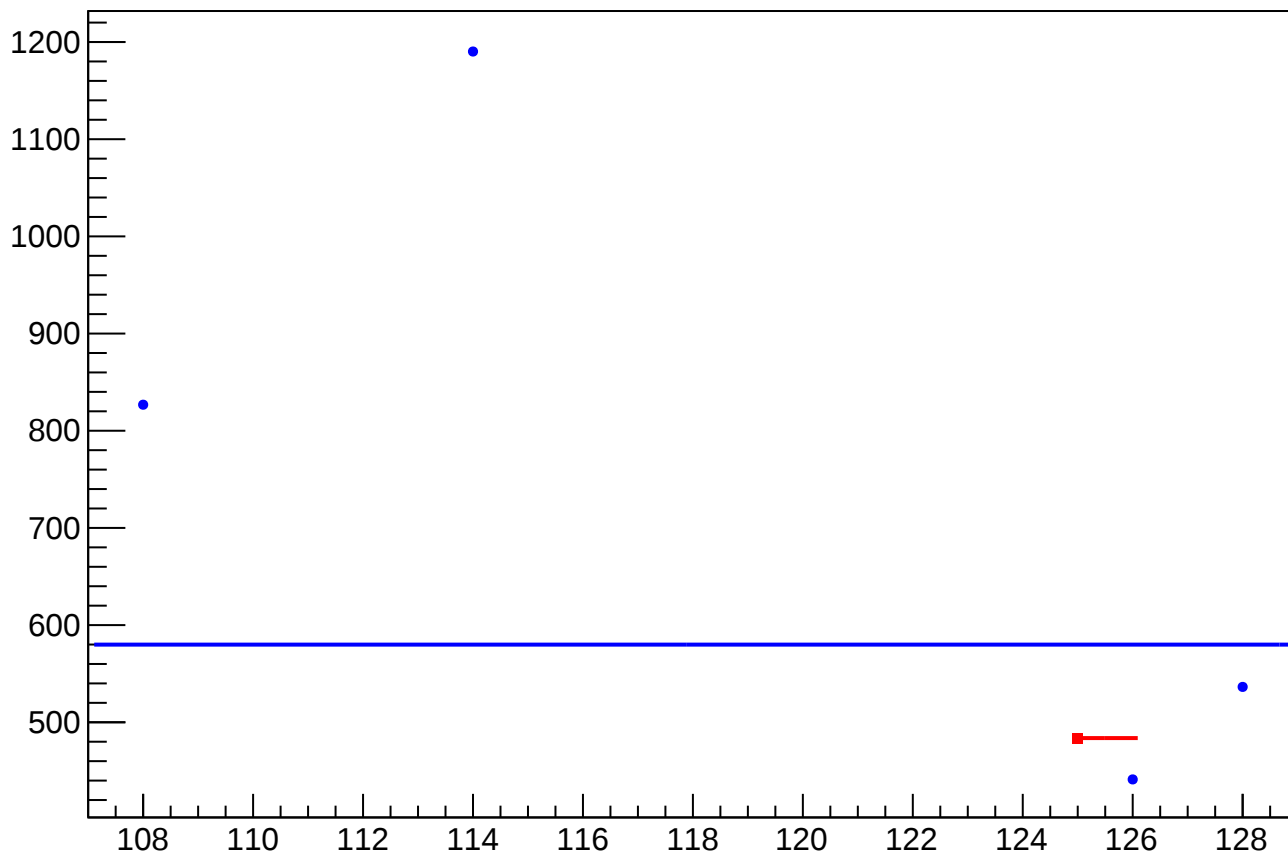
Right: 593.721+/-1147.299 χ^2 /NDF: 2.8/4

In: 944.622+/-1329.889 χ^2 /NDF: 2.5/3

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 593.721+/-1147.299 χ^2 /NDF: 2.8/4

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 579.917+/-0.940 χ^2/NDF : 45346.8/3

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

Right Out: 483.745+/-1.604 χ^2/NDF : 0.0/0

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

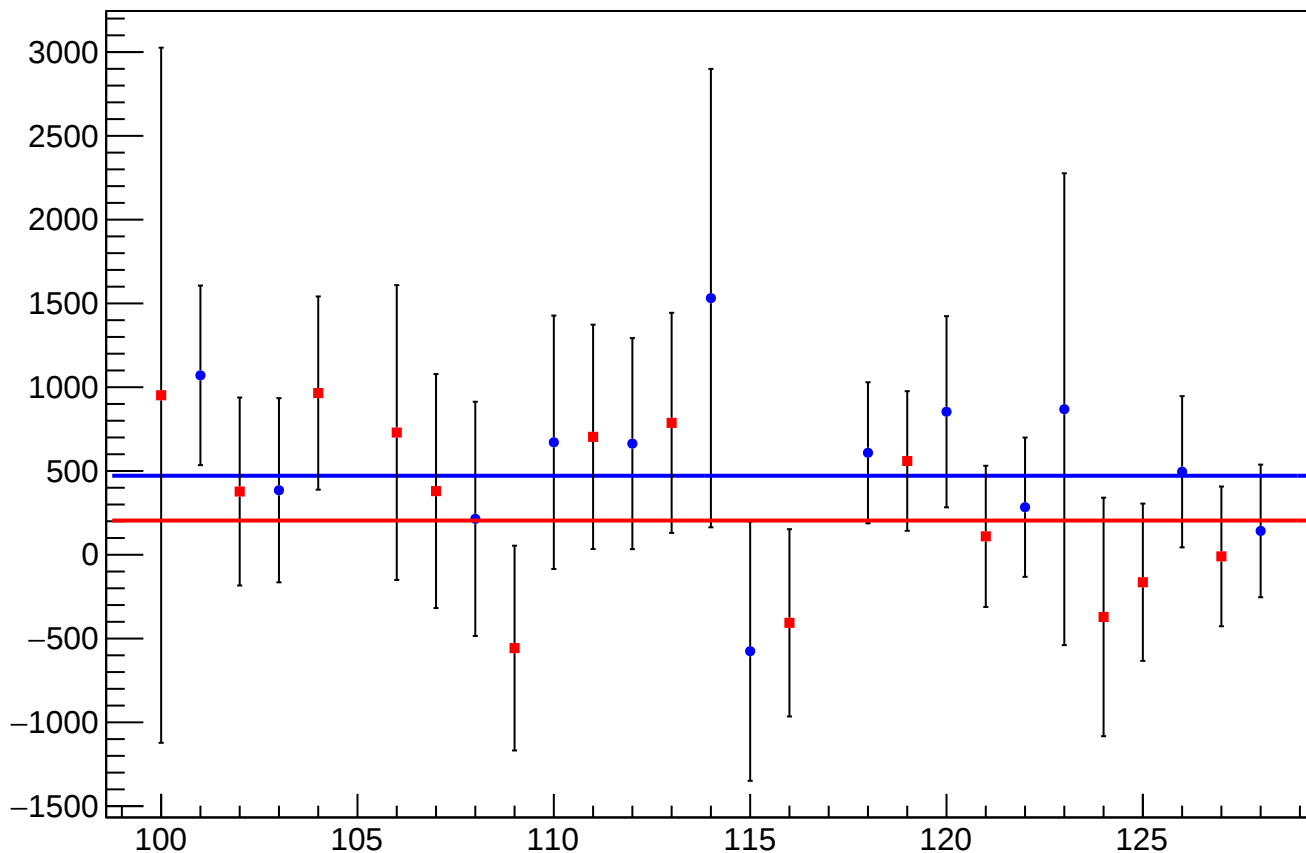
Right: 555.322+/-0.811 χ^2/NDF : 48021.7/4

In: 579.917+/-0.940 χ^2/NDF : 45346.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 555.322+/-0.811 χ^2/NDF : 48021.7/4

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 471.573+/-154.990 χ^2/NDF : 5.5/12

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

Right Out: 204.338+/-151.002 χ^2/NDF : 8.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

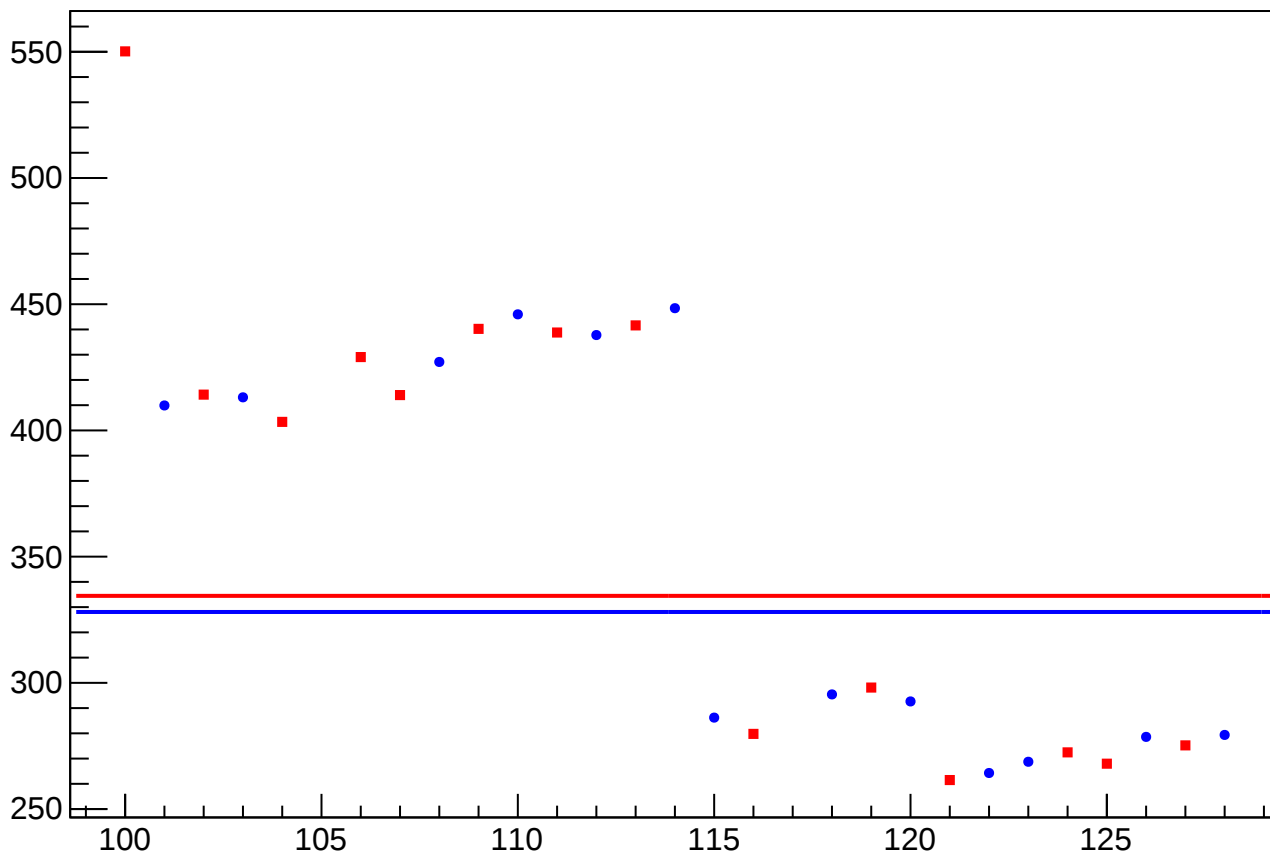
Right: 334.473+/-108.157 χ^2/NDF : 15.9/26

In: 471.573+/-154.990 χ^2/NDF : 5.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 334.473+/-108.157 χ^2/NDF : 15.9/26

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 328.079+/-0.110 χ^2/NDF : 390132.9/12

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

Right Out: 334.465+/-0.107 χ^2/NDF : 491457.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

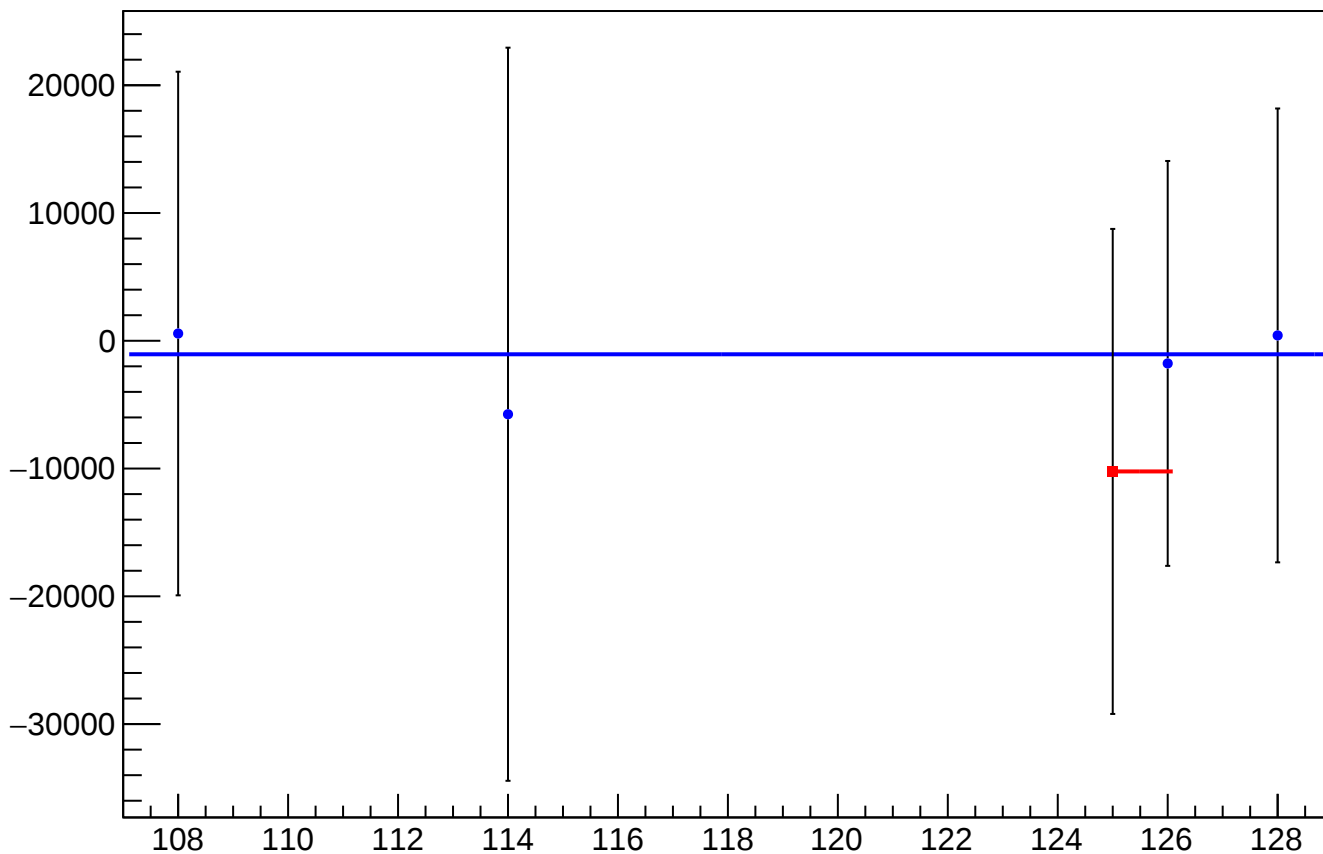
Right: 331.355+/-0.076 χ^2/NDF : 883331.7/26

In: 328.079+/-0.110 χ^2/NDF : 390132.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 331.355+/-0.076 χ^2/NDF : 883331.7/26

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -1057.023+/-9645.185 χ^2/NDF : 0.0/3

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

Right Out: -10226.181+/-18980.888 χ^2/NDF : 0.0/0

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

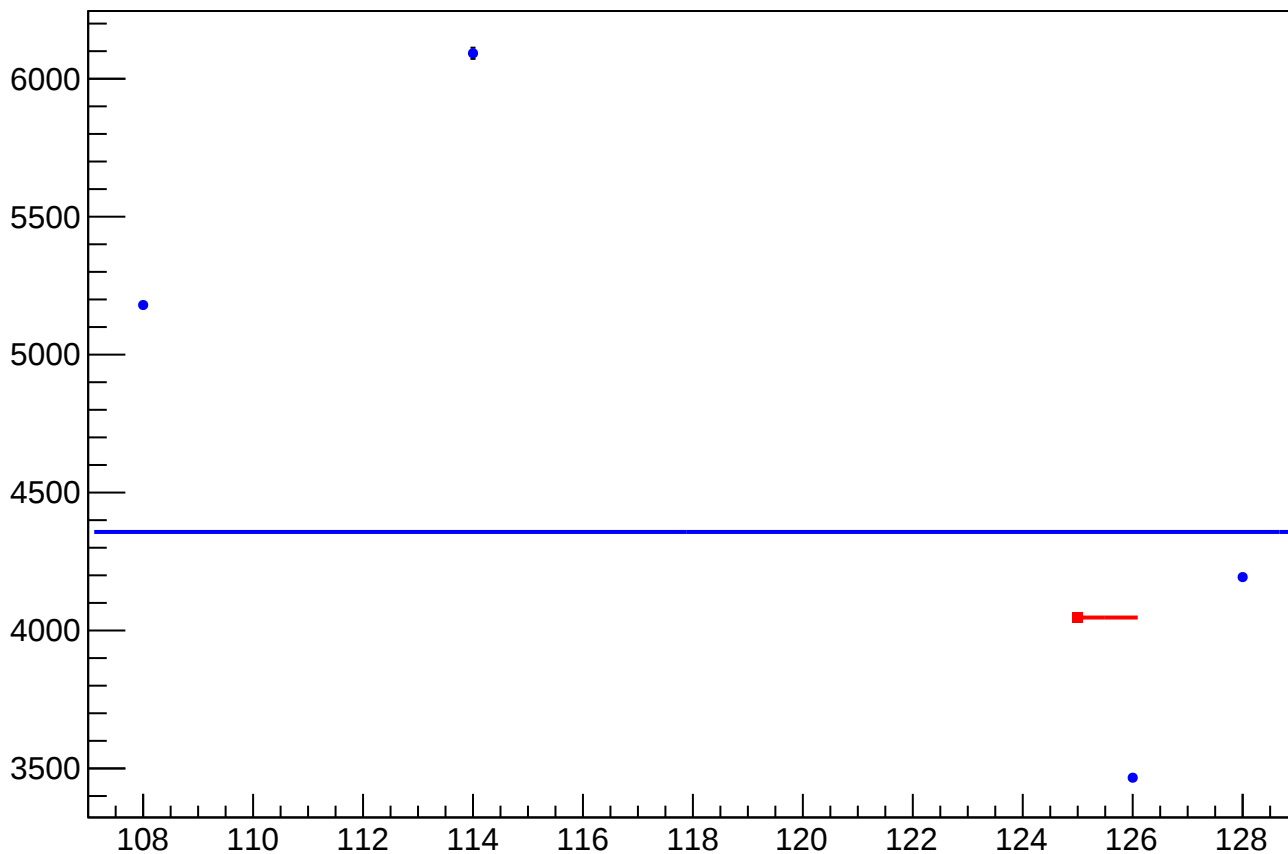
Right: -2938.771+/-8598.693 χ^2/NDF : 0.2/4

In: -1057.023+/-9645.185 χ^2/NDF : 0.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2938.771+/-8598.693 χ^2/NDF : 0.2/4

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 4357.248+/-6.820 χ^2/NDF : 17030.4/3

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

Right Out: 4046.969+/-13.422 χ^2/NDF : 0.0/0

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

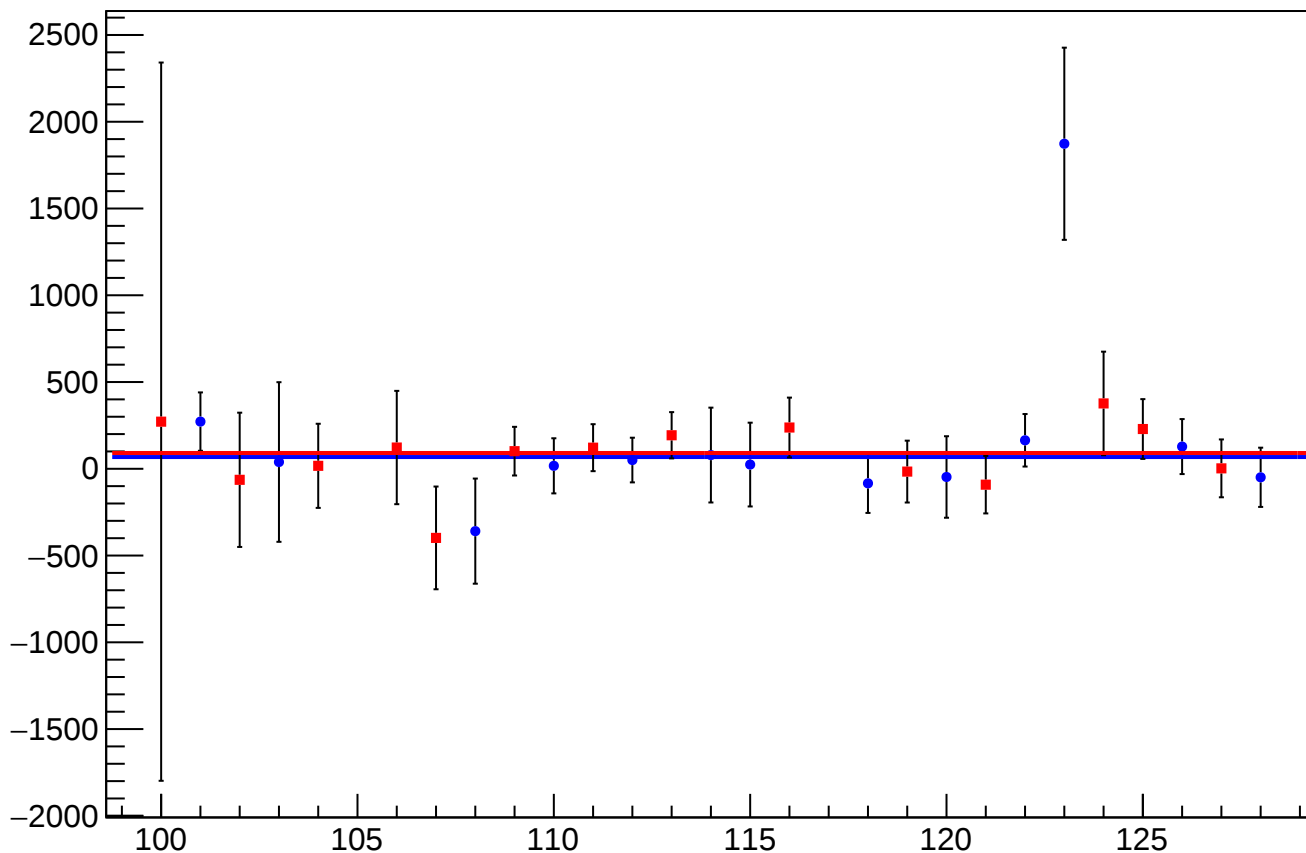
Right: 4293.571+/-6.080 χ^2/NDF : 17455.1/4

In: 4357.248+/-6.820 χ^2/NDF : 17030.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4293.571+/-6.080 χ^2/NDF : 17455.1/4

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 67.705+/-53.070 χ^2/NDF : 16.3/12

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

Right Out: 91.044+/-50.710 χ^2/NDF : 7.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

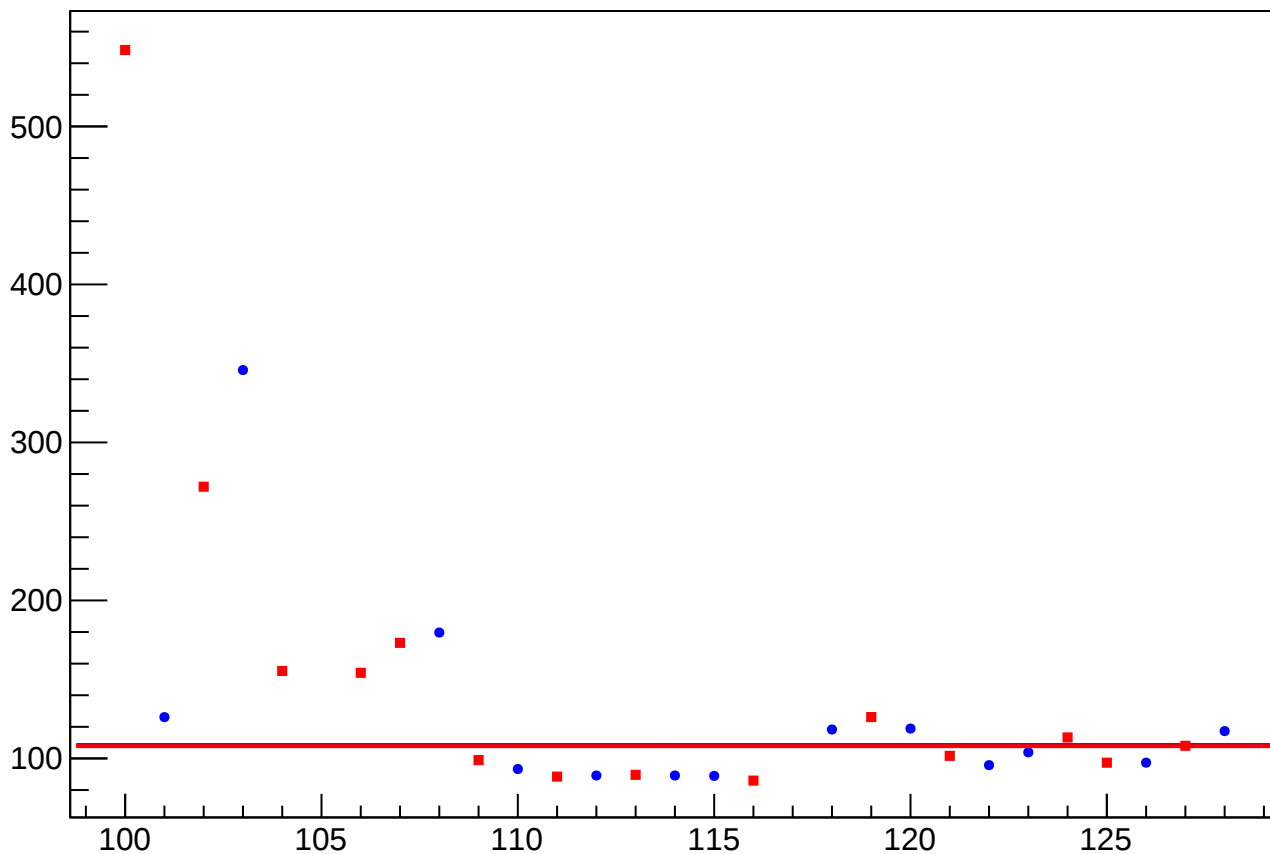
Right: 79.905+/-36.663 χ^2/NDF : 24.2/26

In: 67.705+/-53.070 χ^2/NDF : 16.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.905+/-36.663 χ^2/NDF : 24.2/26

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 108.412+/-0.038 χ^2/NDF : 791351.9/12

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

Right Out: 107.796+/-0.036 χ^2/NDF : 815480.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

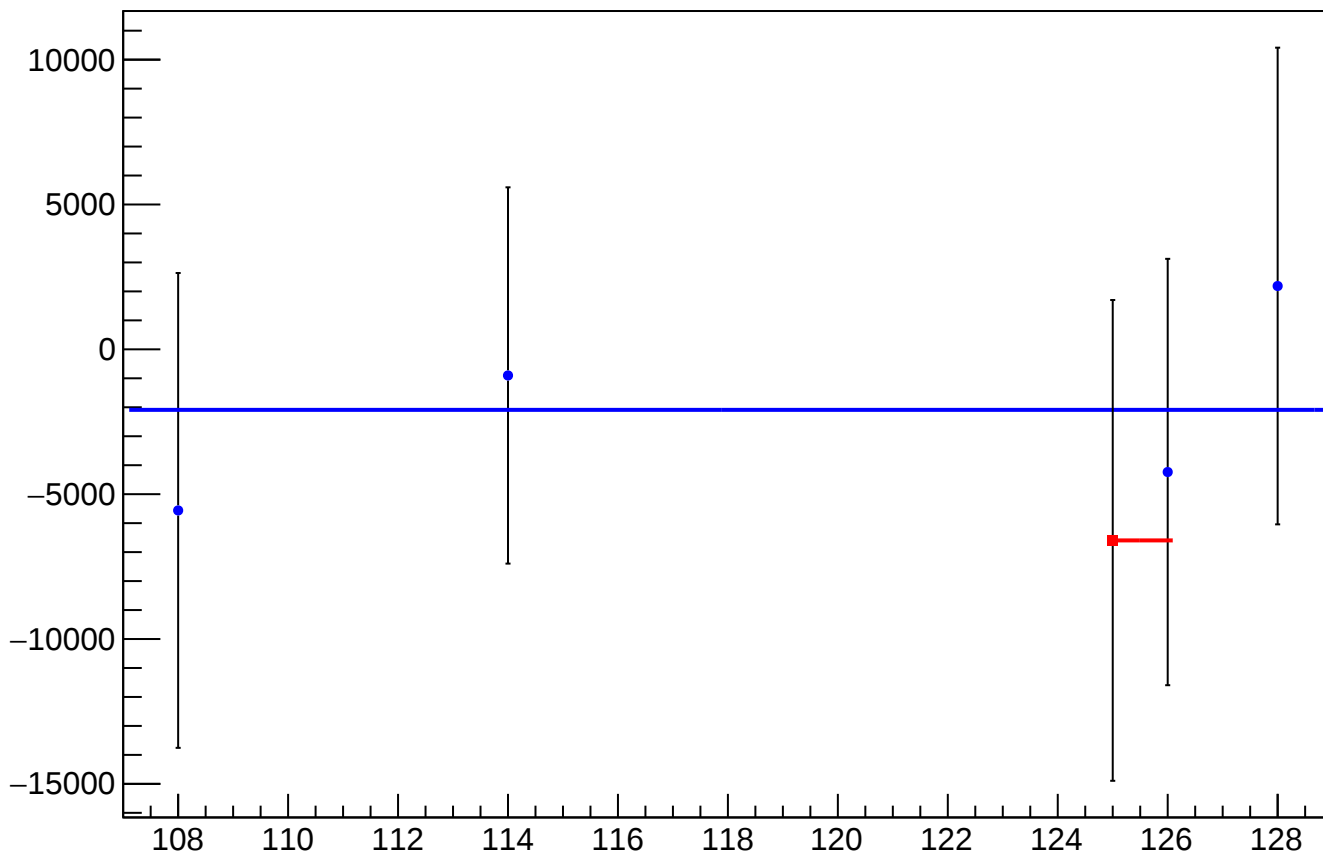
Right: 108.090+/-0.026 χ^2/NDF : 1606972.8/26

In: 108.412+/-0.038 χ^2/NDF : 791351.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.090+/-0.026 χ^2/NDF : 1606972.8/26

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -2089.367+/-3731.168 χ^2/NDF : 0.6/3

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

Right Out: -6595.867+/-8298.405 χ^2/NDF : 0.0/0

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

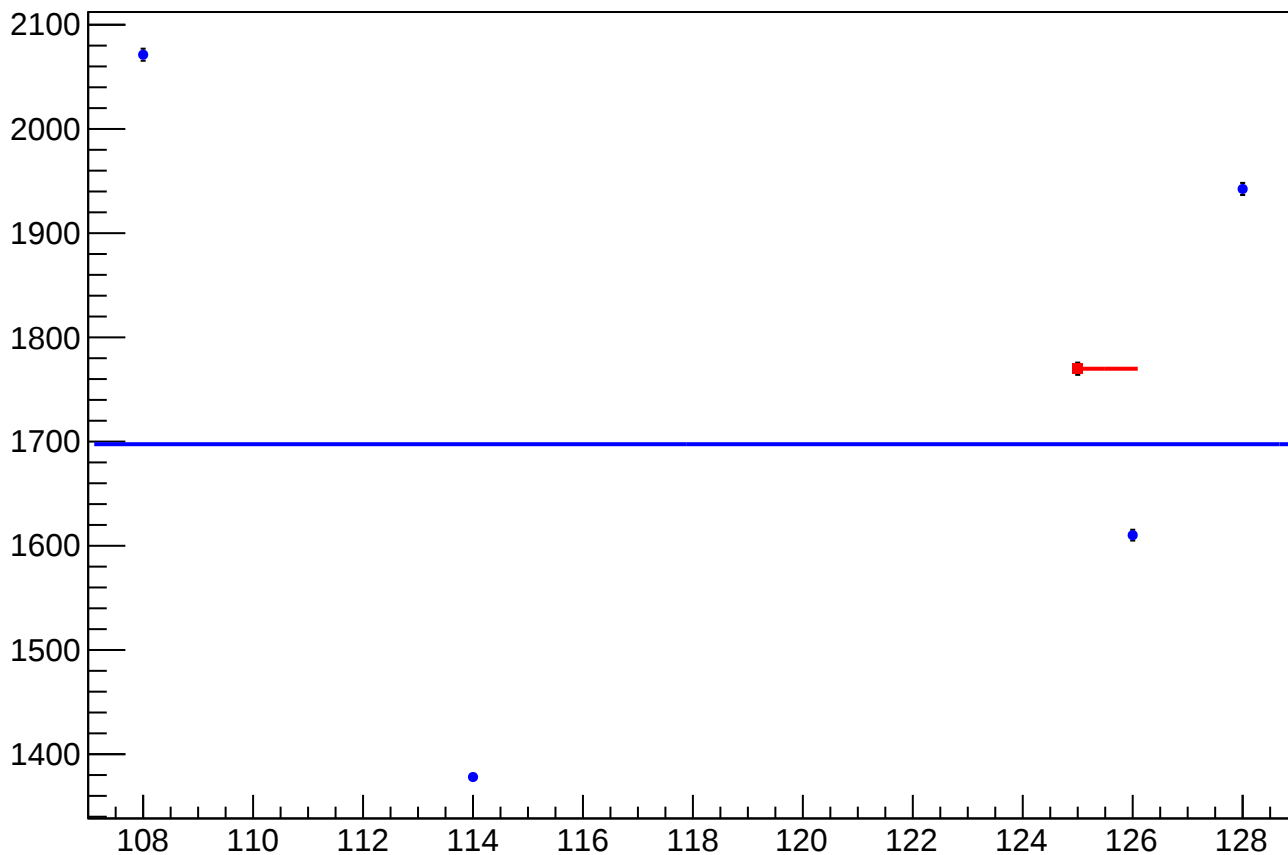
Right: -2847.205+/-3403.010 χ^2/NDF : 0.8/4

In: -2089.367+/-3731.168 χ^2/NDF : 0.6/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2847.205+/-3403.010 χ^2/NDF : 0.8/4

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1697.477+/-2.638 χ^2/NDF : 11050.0/3

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

Right Out: 1769.913+/-5.868 χ^2/NDF : 0.0/0

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

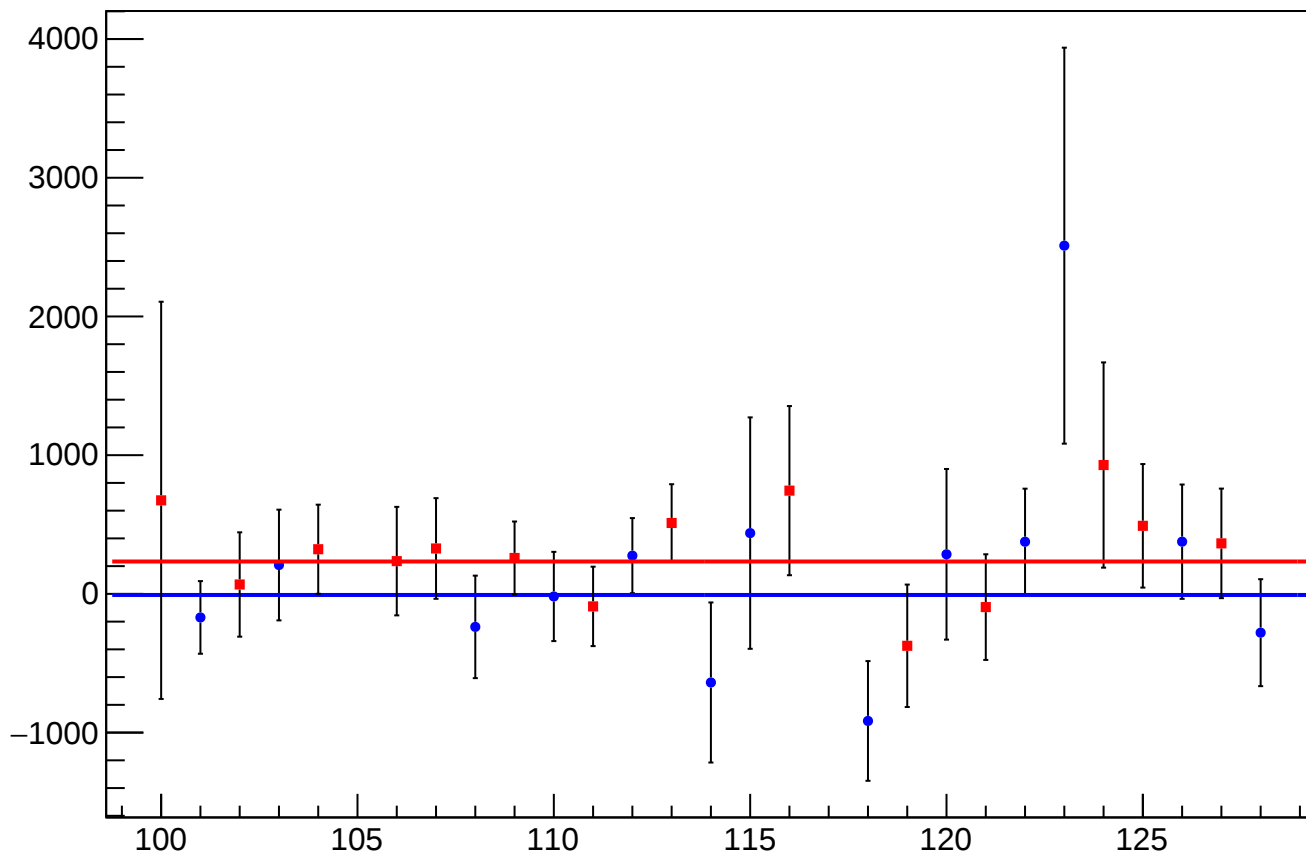
Right: 1709.658+/-2.406 χ^2/NDF : 11176.7/4

In: 1697.477+/-2.638 χ^2/NDF : 11050.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1709.658+/-2.406 χ^2/NDF : 11176.7/4

reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: -7.846 ± 109.185 χ^2/NDF : 13.8/12

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

Right Out: 233.450 ± 100.567 χ^2/NDF : 7.4/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

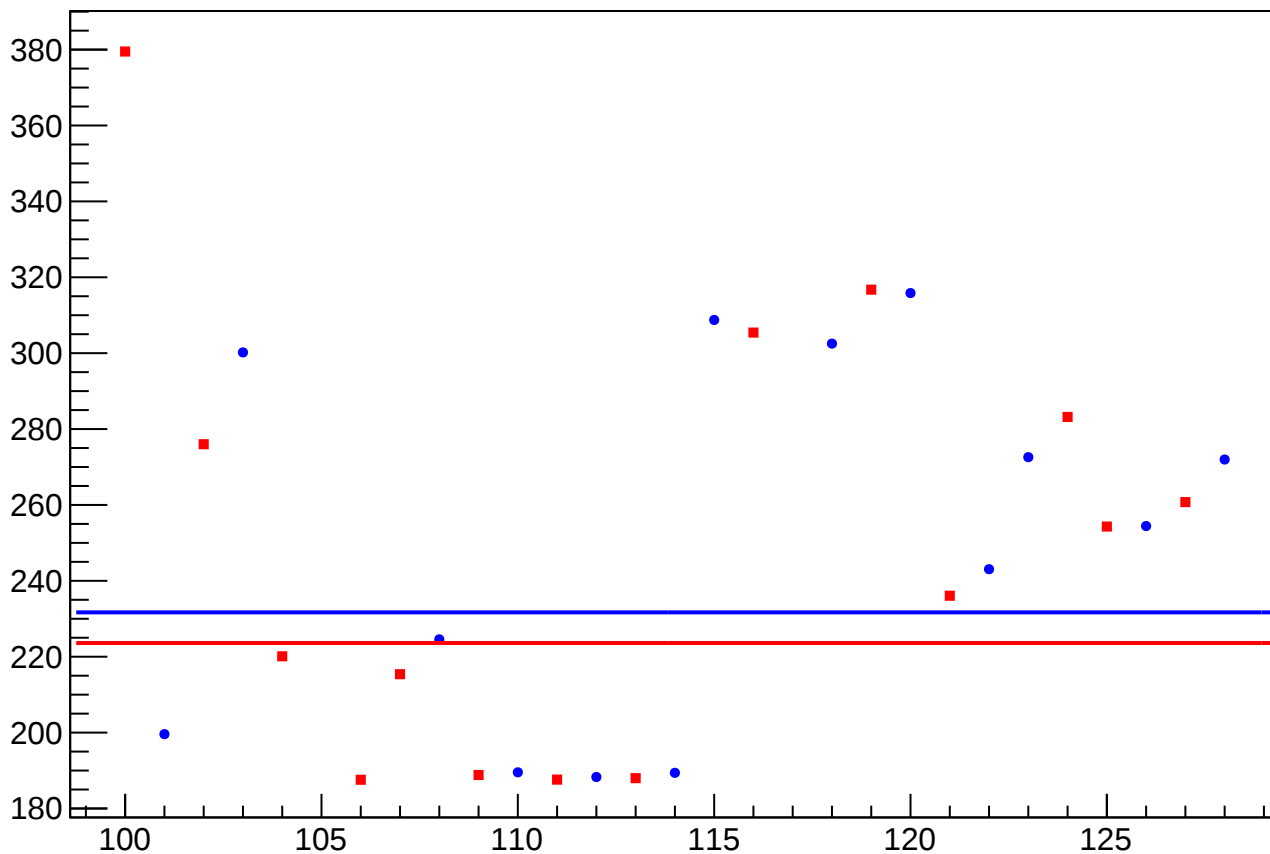
Right: 122.699 ± 73.971 χ^2/NDF : 23.8/26

In: -7.846 ± 109.185 χ^2/NDF : 13.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 122.699 ± 73.971 χ^2/NDF : 23.8/26

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 231.686+/-0.077 χ^2/NDF : 325889.5/12

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

Right Out: 223.618+/-0.071 χ^2/NDF : 347265.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

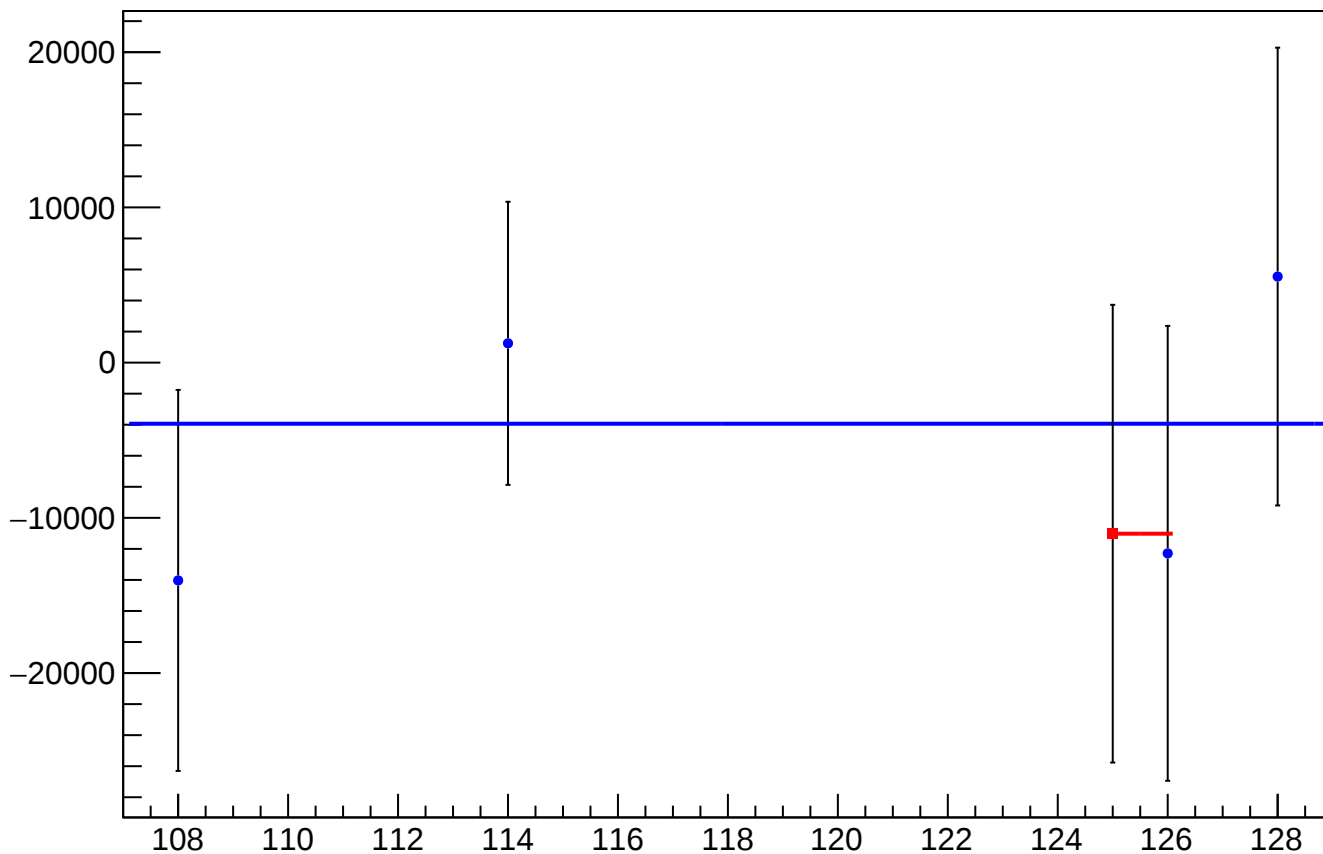
Right: 227.321+/-0.052 χ^2/NDF : 679062.8/26

In: 231.686+/-0.077 χ^2/NDF : 325889.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.321+/-0.052 χ^2/NDF : 679062.8/26

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -3937.127+/-5984.477 χ^2/NDF : 1.7/3

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

Right Out: -11020.401+/-14743.866 χ^2/NDF : 0.0/0

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

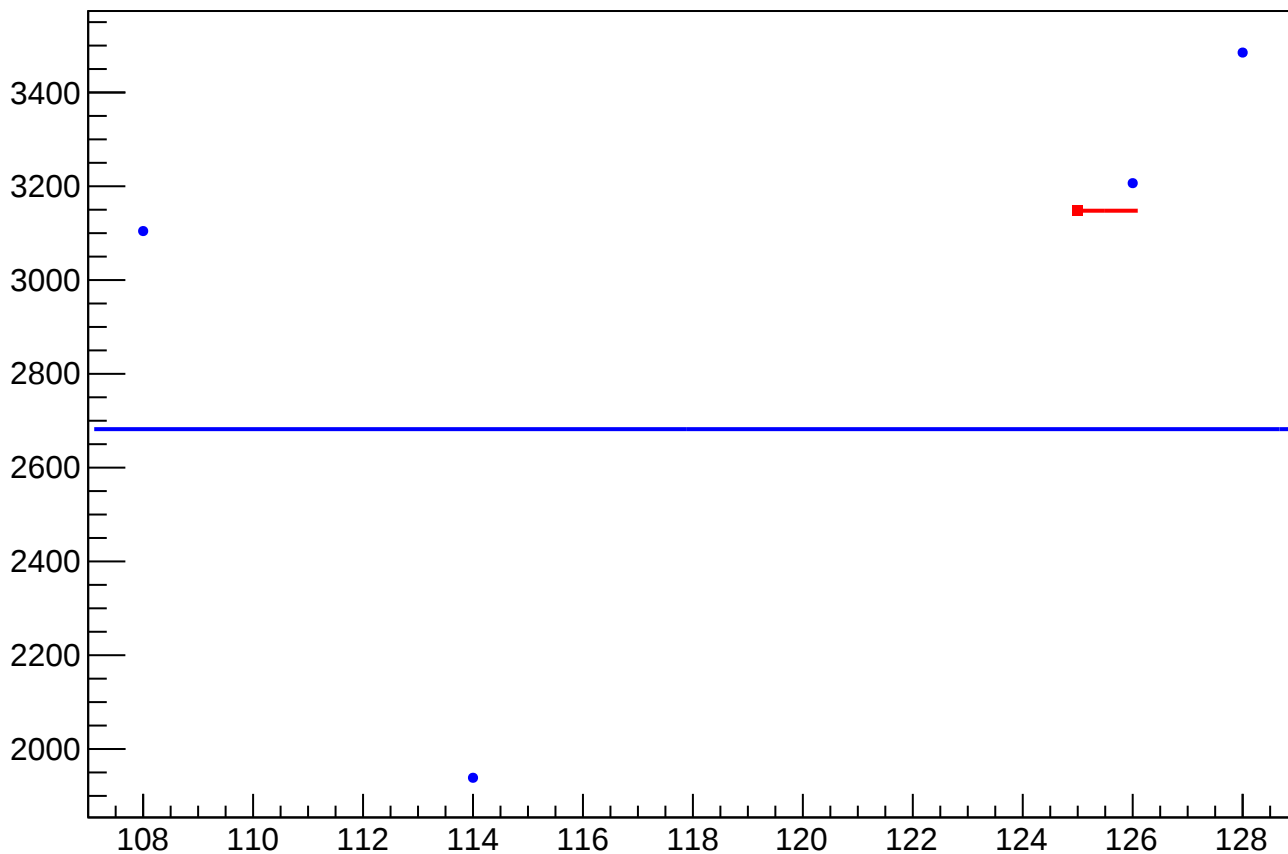
Right: -4939.041+/-5545.102 χ^2/NDF : 1.9/4

In: -3937.127+/-5984.477 χ^2/NDF : 1.7/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4939.041+/-5545.102 χ^2/NDF : 1.9/4

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2682.064 $\pm$ 4.232 χ^2 /NDF: 24157.5/3

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

Right Out: 3147.869 $\pm$ 10.425 χ^2 /NDF: 0.0/0

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

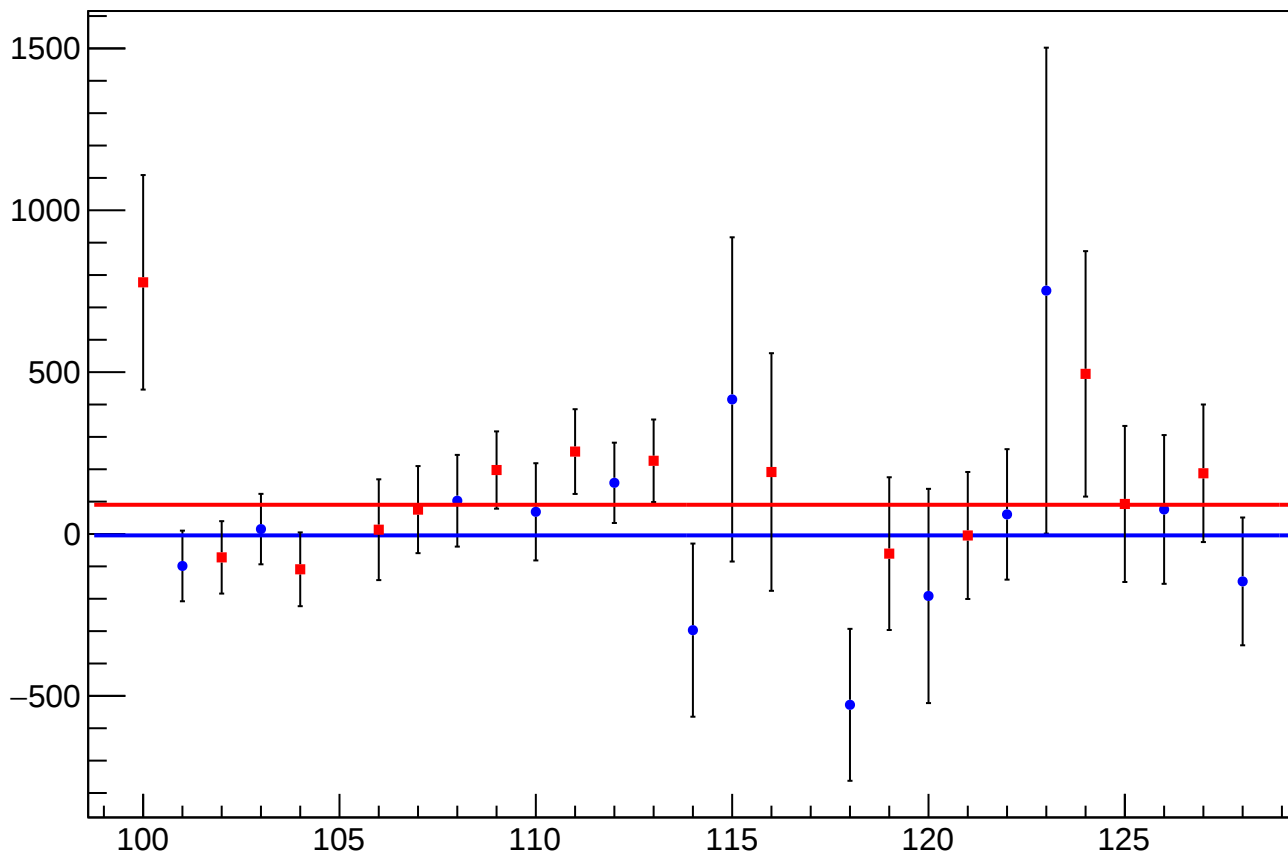
Right: 2747.951 $\pm$ 3.921 χ^2 /NDF: 25871.4/4

In: 2682.064 $\pm$ 4.232 χ^2 /NDF:24157.5/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2747.951 $\pm$ 3.921 χ^2 /NDF: 25871.4/4

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: -4.241 ± 47.461 χ^2/NDF : 12.3/12

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

Right Out: 90.314 ± 42.627 χ^2/NDF : 15.3/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

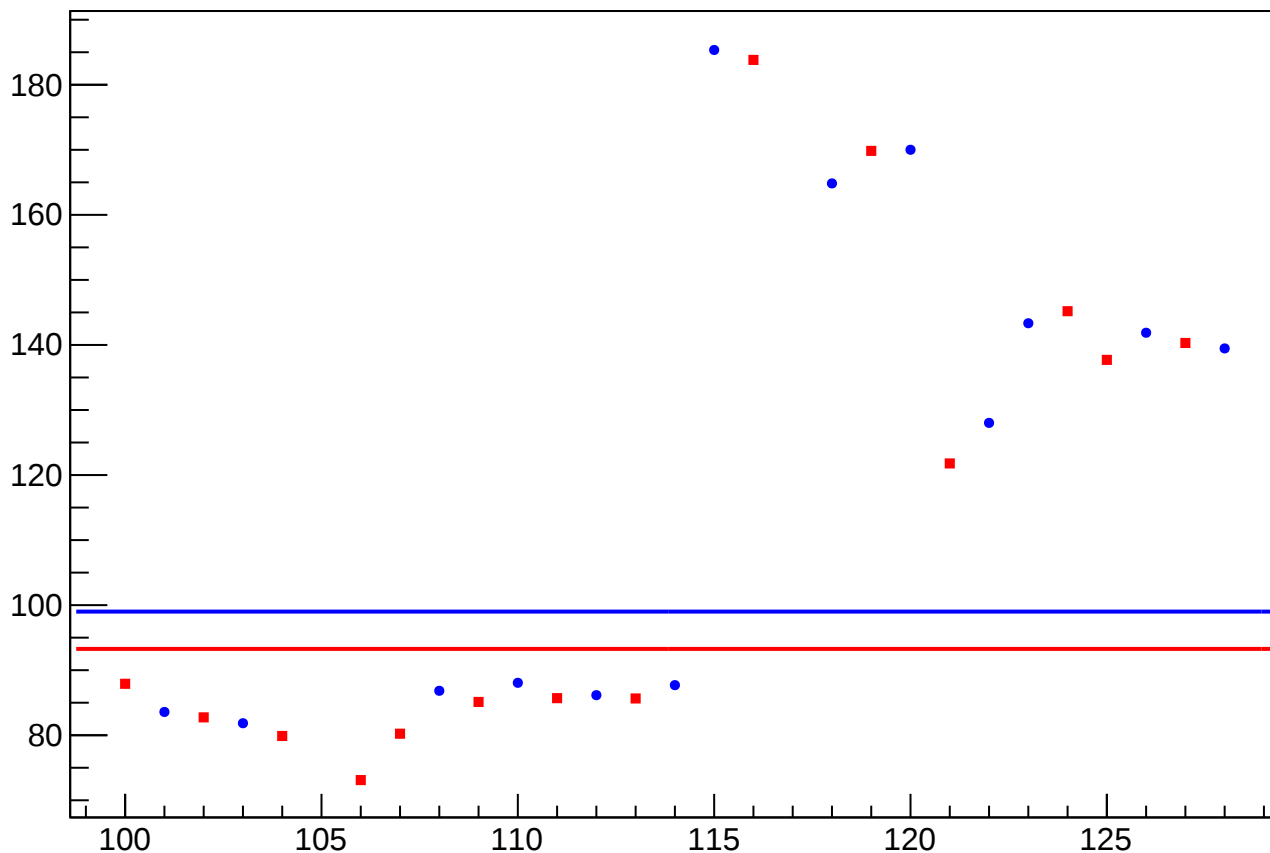
Right: 48.095 ± 31.714 χ^2/NDF : 29.8/26

In: -4.241 ± 47.461 χ^2/NDF : 12.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 48.095 ± 31.714 χ^2/NDF : 29.8/26

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 99.008+/-0.034 χ^2/NDF : 651167.5/12

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

Right Out: 93.272+/-0.030 χ^2/NDF : 699496.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

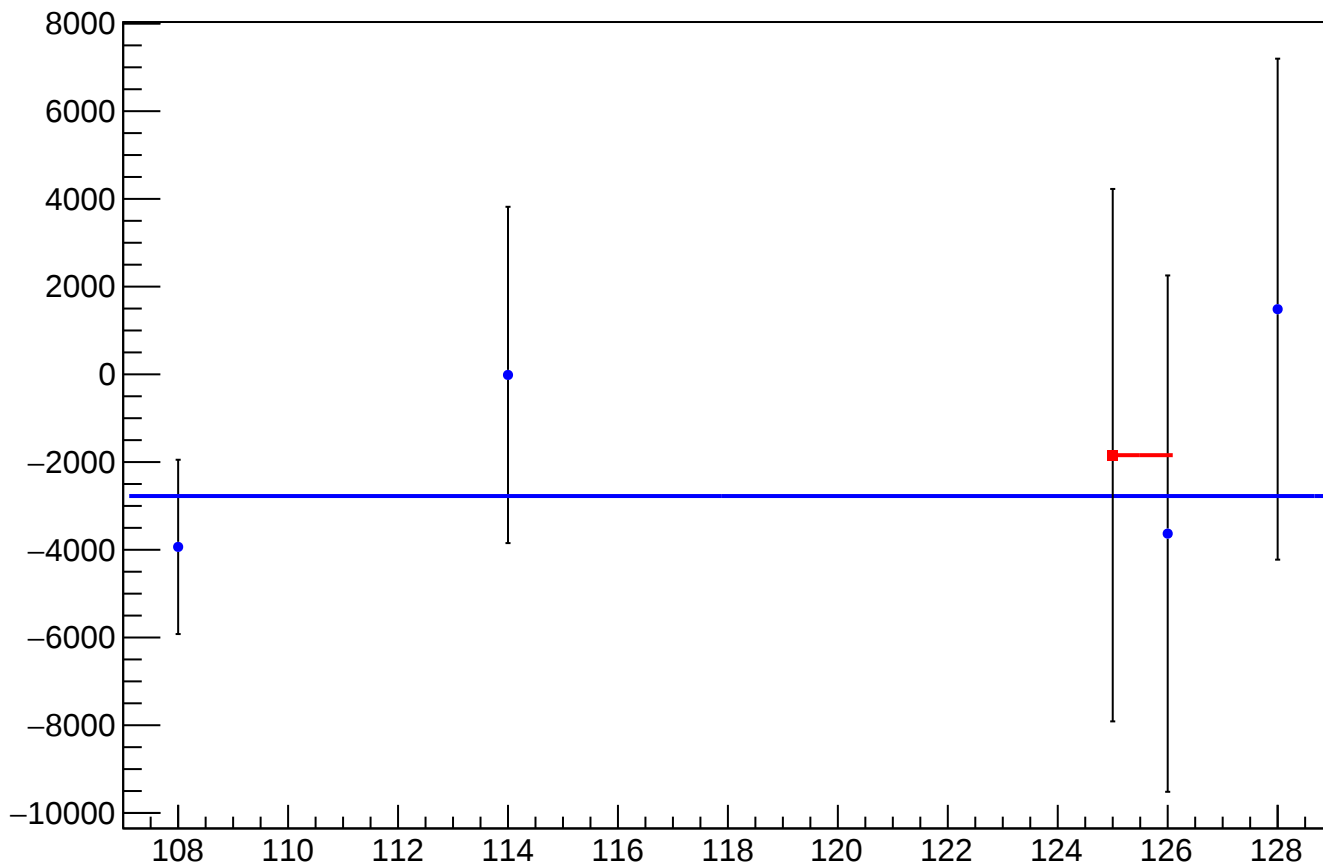
Right: 95.833+/-0.022 χ^2/NDF : 1366832.3/26

In: 99.008+/-0.034 χ^2/NDF :651167.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 95.833+/-0.022 χ^2/NDF : 1366832.3/26

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: -2774.520+/-1620.377 χ^2/NDF : 1.4/3

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

Right Out: -1842.732+/-6069.466 χ^2/NDF : 0.0/0

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

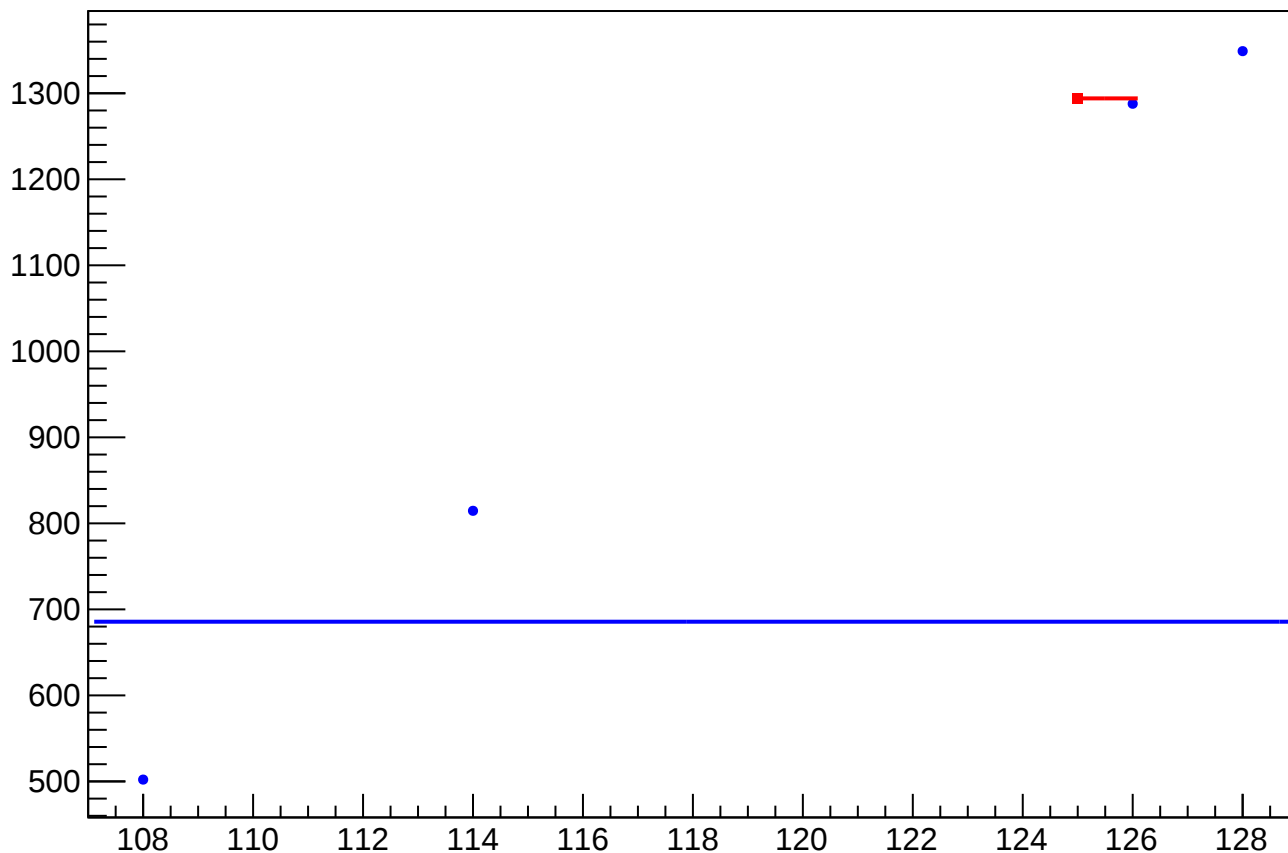
Right: -2712.526+/-1565.546 χ^2/NDF : 1.5/4

In: -2774.520+/-1620.377 χ^2/NDF : 1.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2712.526+/-1565.546 χ^2/NDF : 1.5/4

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 685.658+/-1.146 χ^2/NDF : 67240.3/3

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

Right Out: 1294.054+/-4.292 χ^2/NDF : 0.0/0

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

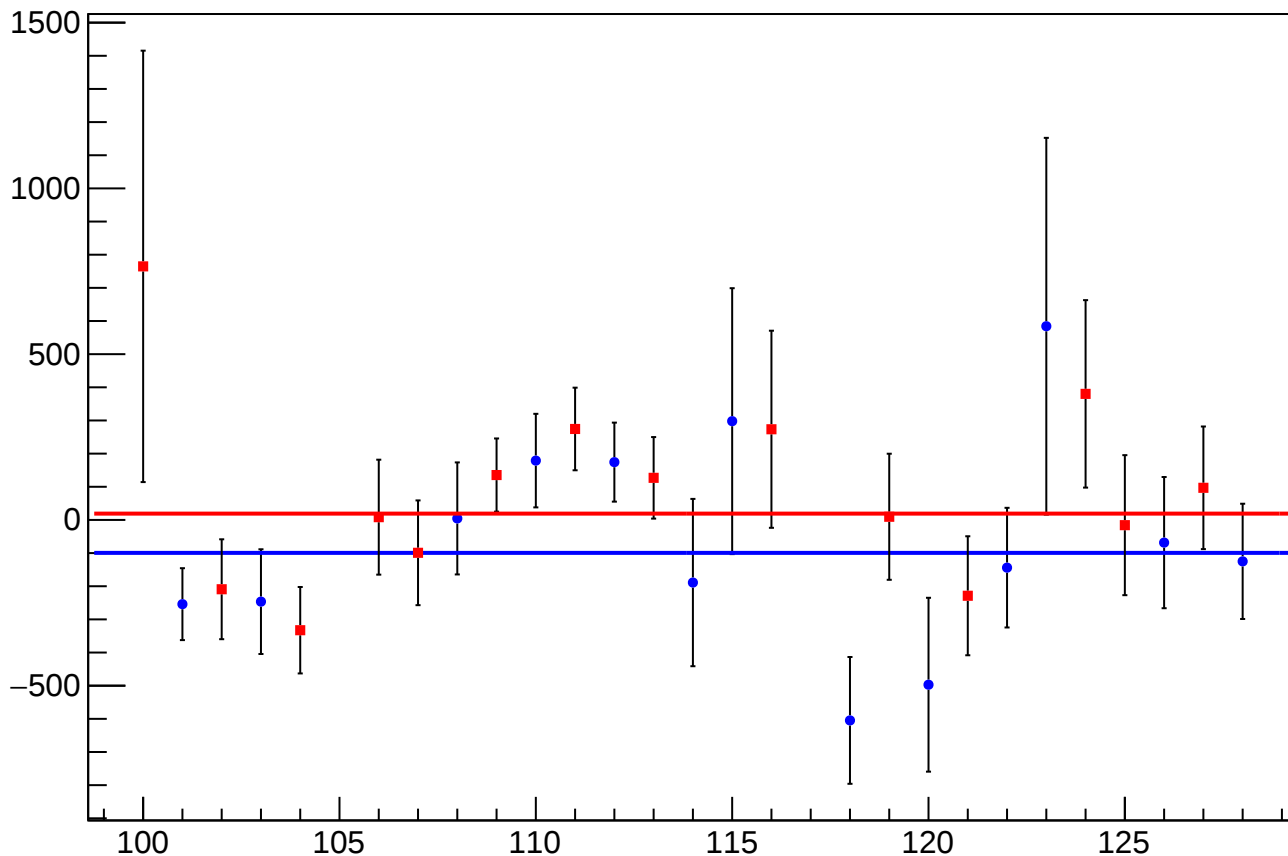
Right: 726.135+/-1.107 χ^2/NDF : 85999.0/4

In: 685.658+/-1.146 χ^2/NDF : 67240.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 726.135+/-1.107 χ^2/NDF : 85999.0/4

reg_asym_sam6_mean vs Slug, Sign Corrected



Right In: -99.368+/-47.833 χ^2/NDF : 24.4/12

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

Right Out: 19.044+/-43.625 χ^2/NDF : 22.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

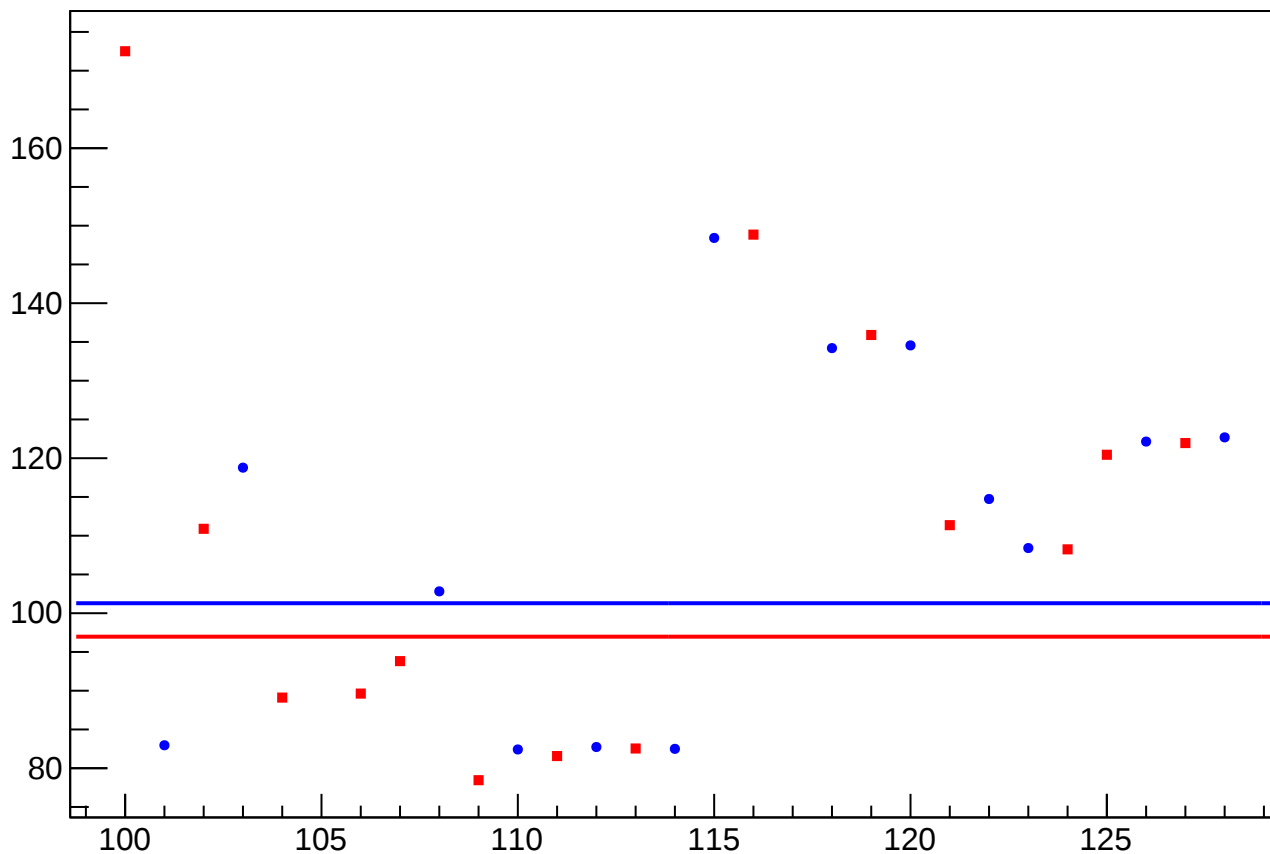
Right: -34.725+/-32.233 χ^2/NDF : 49.7/26

In: -99.368+/-47.833 χ^2/NDF :24.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -34.725+/-32.233 χ^2/NDF : 49.7/26

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 101.288+/-0.034 χ^2/NDF : 360183.7/12

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

Right Out: 96.972+/-0.031 χ^2/NDF : 392046.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

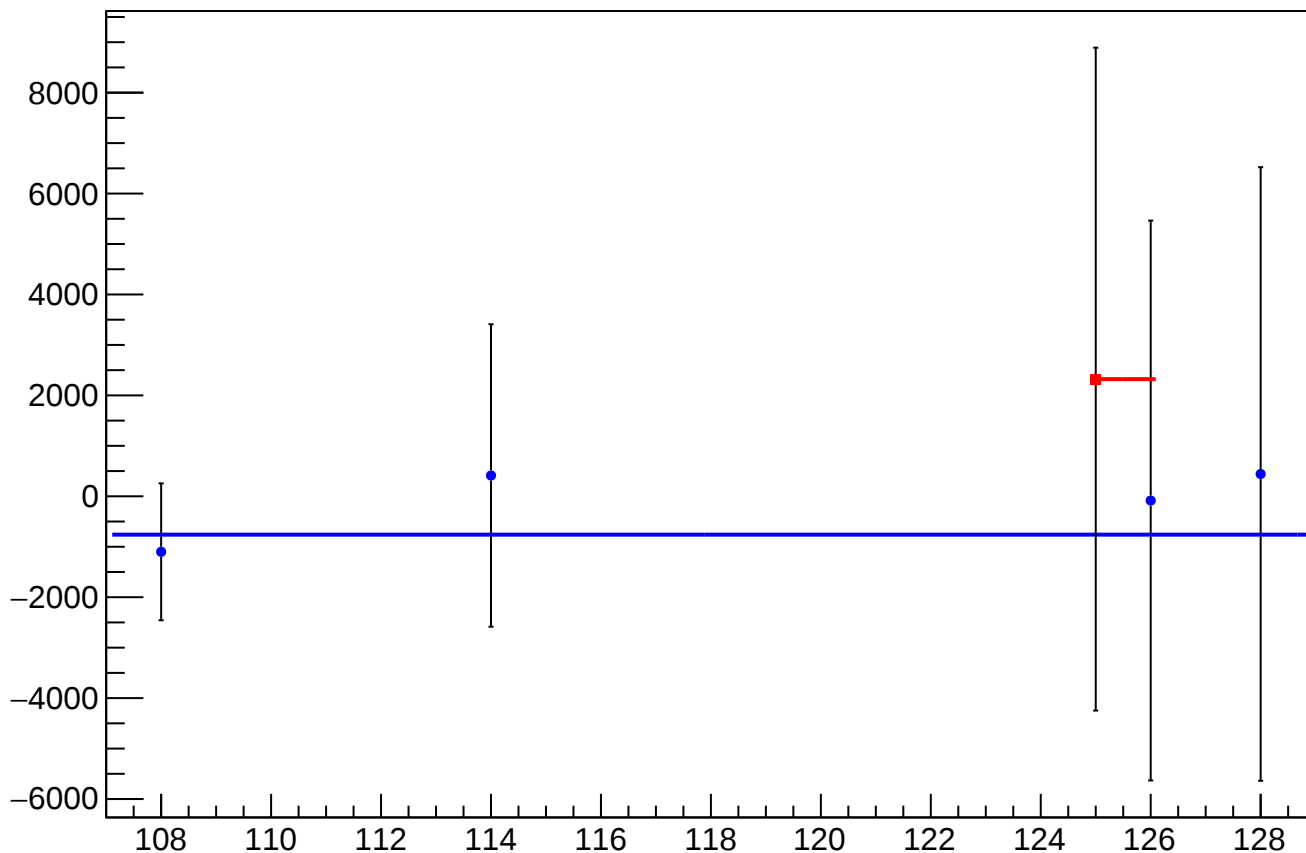
Right: 98.932+/-0.023 χ^2/NDF : 761119.7/26

In: 101.288+/-0.034 χ^2/NDF :360183.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 98.932+/-0.023 χ^2/NDF : 761119.7/26

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: -760.095+/-1183.340 χ^2/NDF : 0.3/3

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

Right Out: 2322.247+/-6569.344 χ^2/NDF : 0.0/0

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

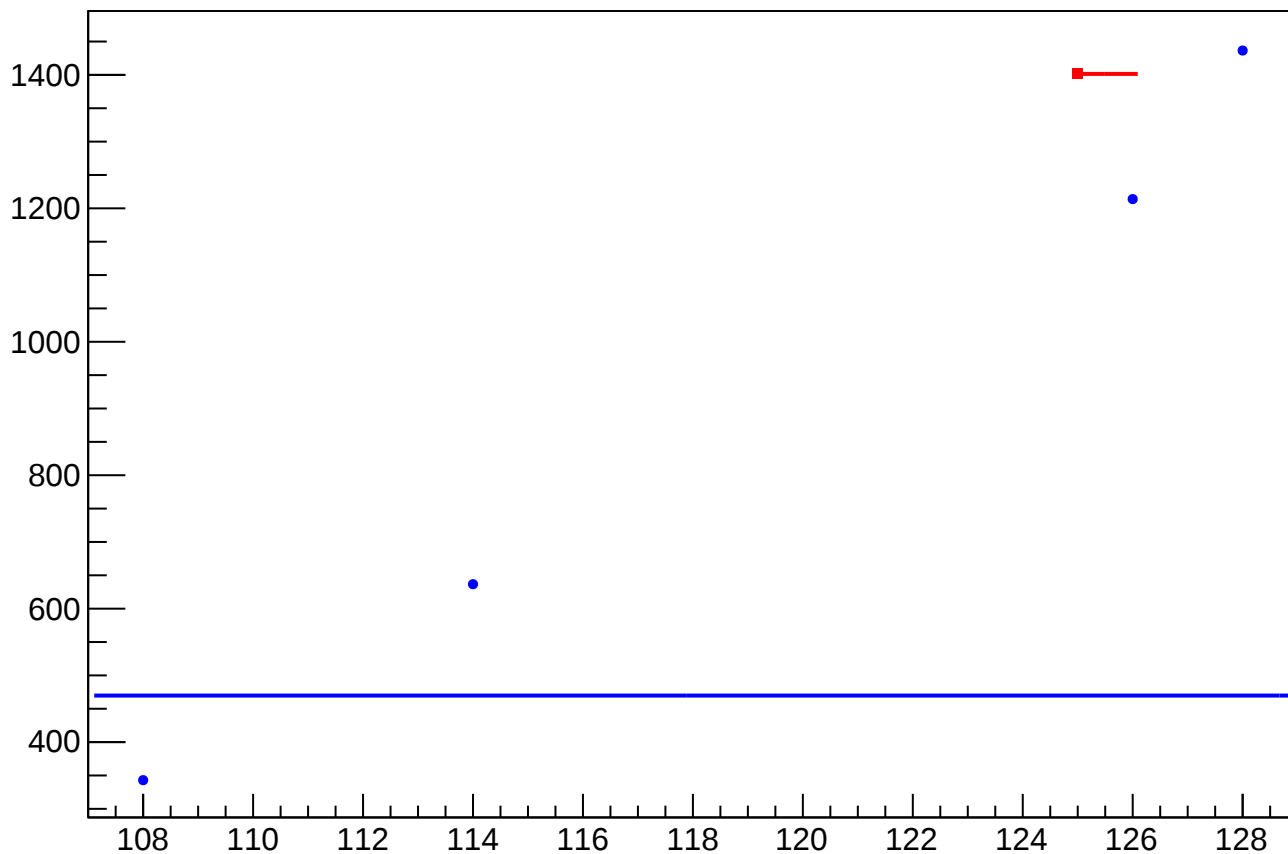
Right: -663.225+/-1164.597 χ^2/NDF : 0.5/4

In: -760.095+/-1183.340 χ^2/NDF : 0.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -663.225+/-1164.597 χ^2/NDF : 0.5/4

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 469.775+/-0.837 χ^2/NDF : 110192.0/3

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

Right Out: 1401.461+/-4.645 χ^2/NDF : 0.0/0

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

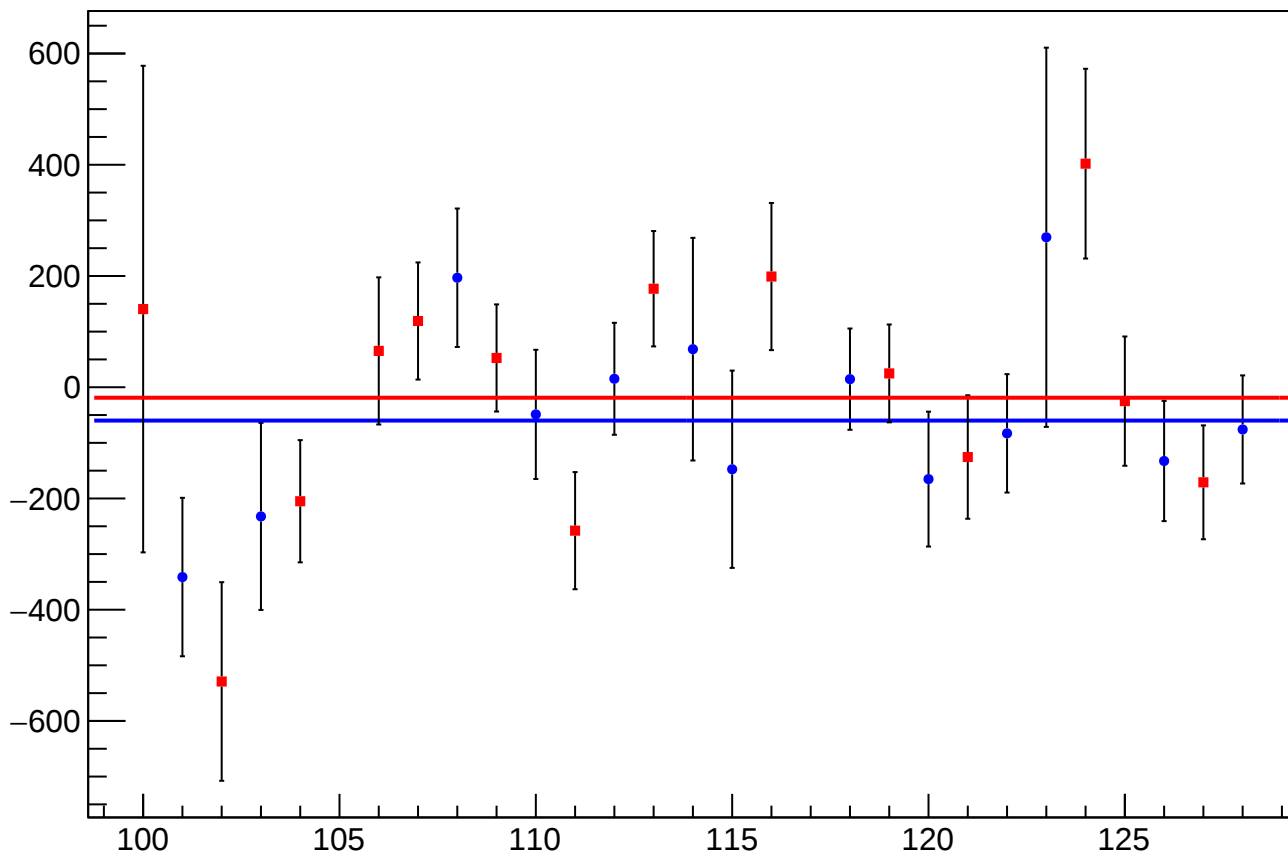
Right: 499.055+/-0.823 χ^2/NDF : 149155.5/4

In: 469.775+/-0.837 χ^2/NDF : 110192.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 499.055+/-0.823 χ^2/NDF : 149155.5/4

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: -59.940+/-34.187 χ^2/NDF : 13.3/12

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

Right Out: -18.865+/-31.173 χ^2/NDF : 34.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

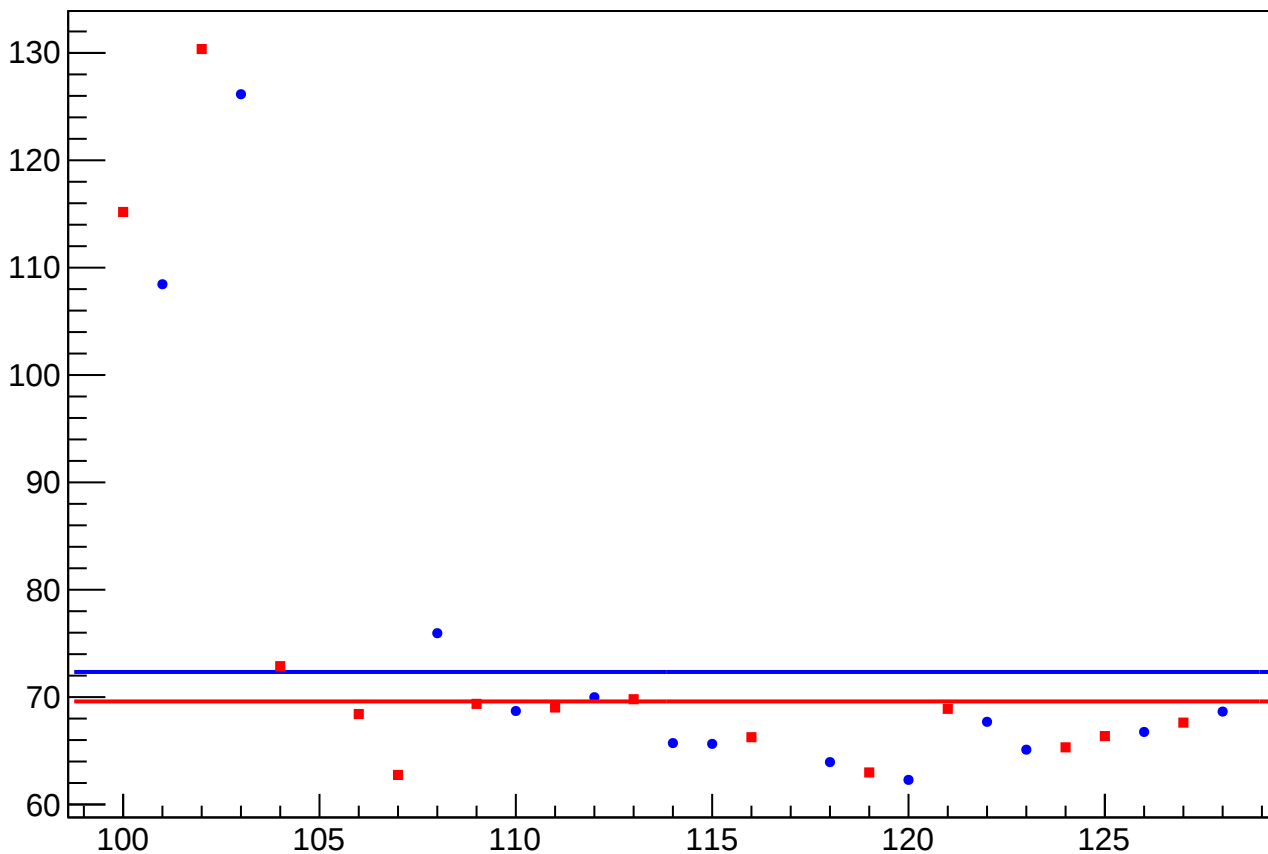
Right: -37.512+/-23.035 χ^2/NDF : 48.8/26

In: -59.940+/-34.187 χ^2/NDF : 13.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.512+/-23.035 χ^2/NDF : 48.8/26

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.341+/-0.024 χ^2/NDF : 386810.6/12

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

Right Out: 69.597+/-0.022 χ^2/NDF : 280080.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

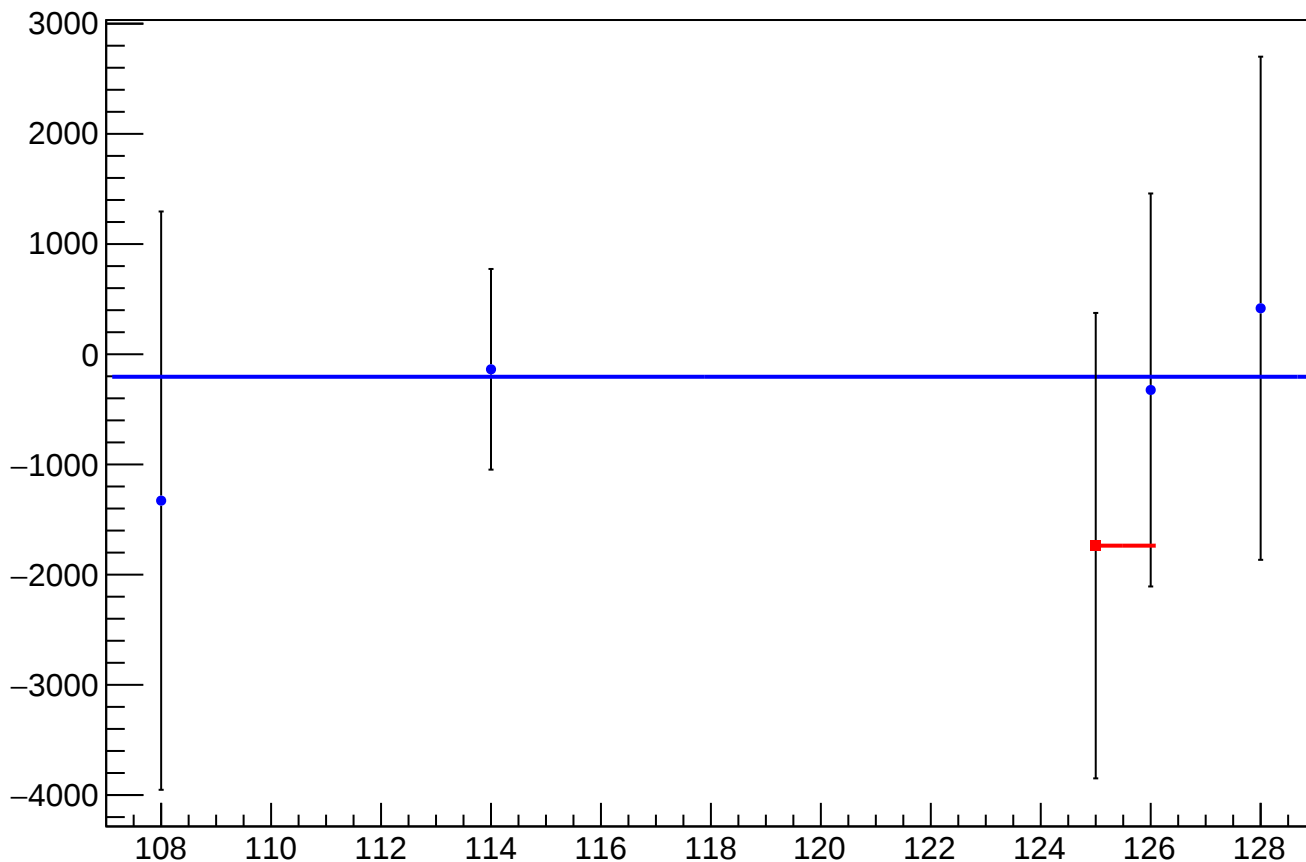
Right: 70.843+/-0.016 χ^2/NDF : 673927.6/26

In: 72.341+/-0.024 χ^2/NDF : 386810.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.843+/-0.016 χ^2/NDF : 673927.6/26

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -204.257+/-733.668 χ^2/NDF : 0.3/3

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

Right Out: -1736.889+/-2111.837 χ^2/NDF : 0.0/0

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

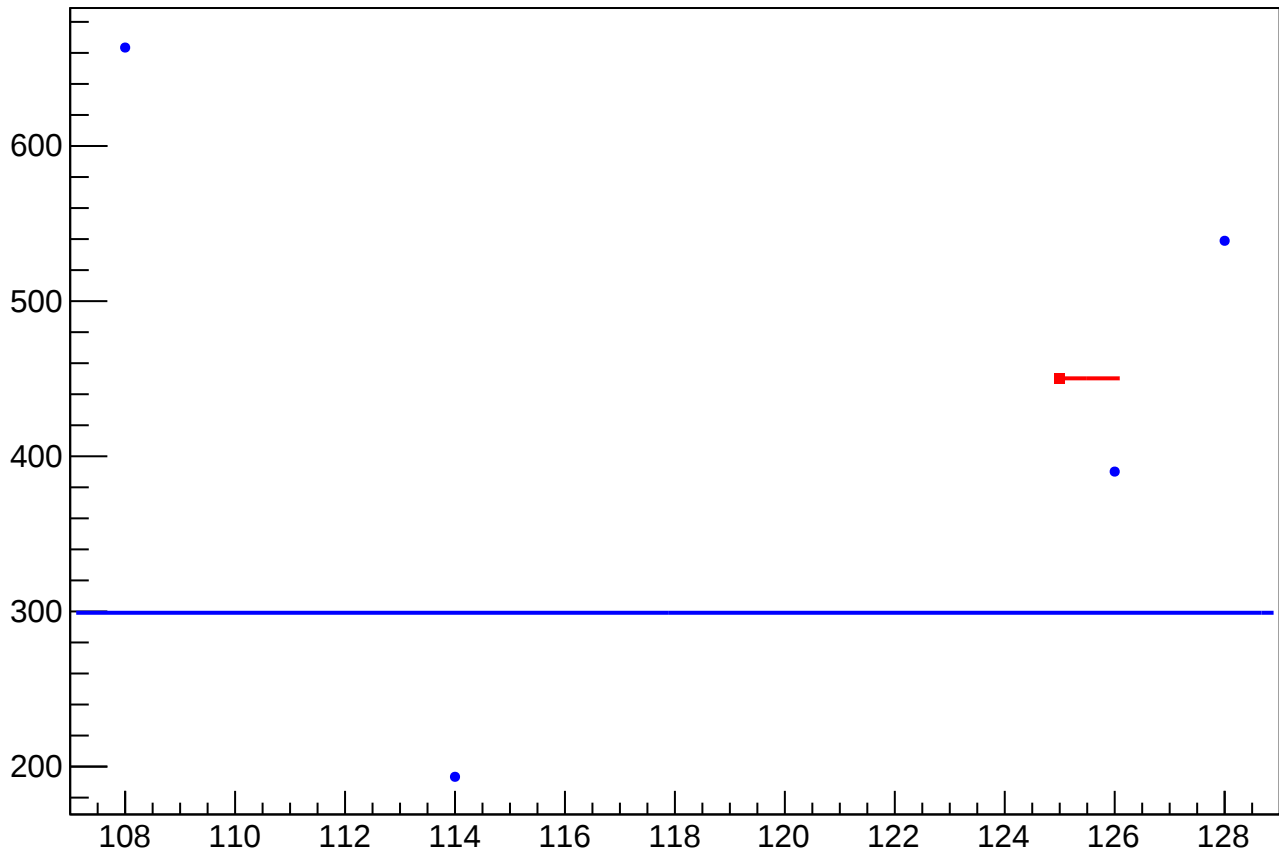
Right: -369.312+/-693.037 χ^2/NDF : 0.7/4

In: -204.257+/-733.668 χ^2/NDF : 0.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -369.312+/-693.037 χ^2/NDF : 0.7/4

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 299.143+/-0.519 χ^2/NDF : 92782.9/3

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

Right Out: 450.241+/-1.493 χ^2/NDF : 0.0/0

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

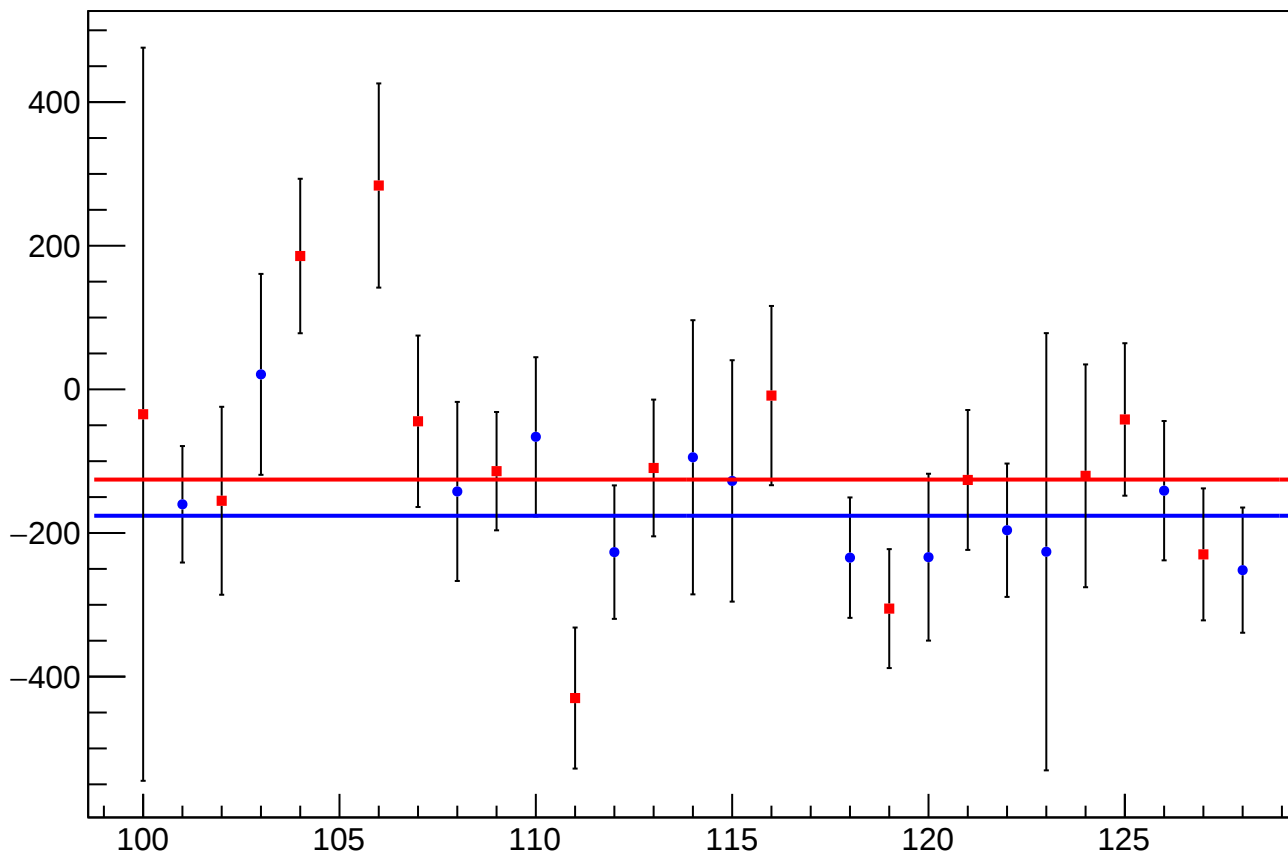
Right: 315.415+/-0.490 χ^2/NDF : 101918.7/4

In: 299.143+/-0.519 χ^2/NDF : 92782.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 315.415+/-0.490 χ^2/NDF : 101918.7/4

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -175.993+/-30.036 χ^2/NDF : 5.3/12

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

Right Out: -125.597+/-28.942 χ^2/NDF : 34.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

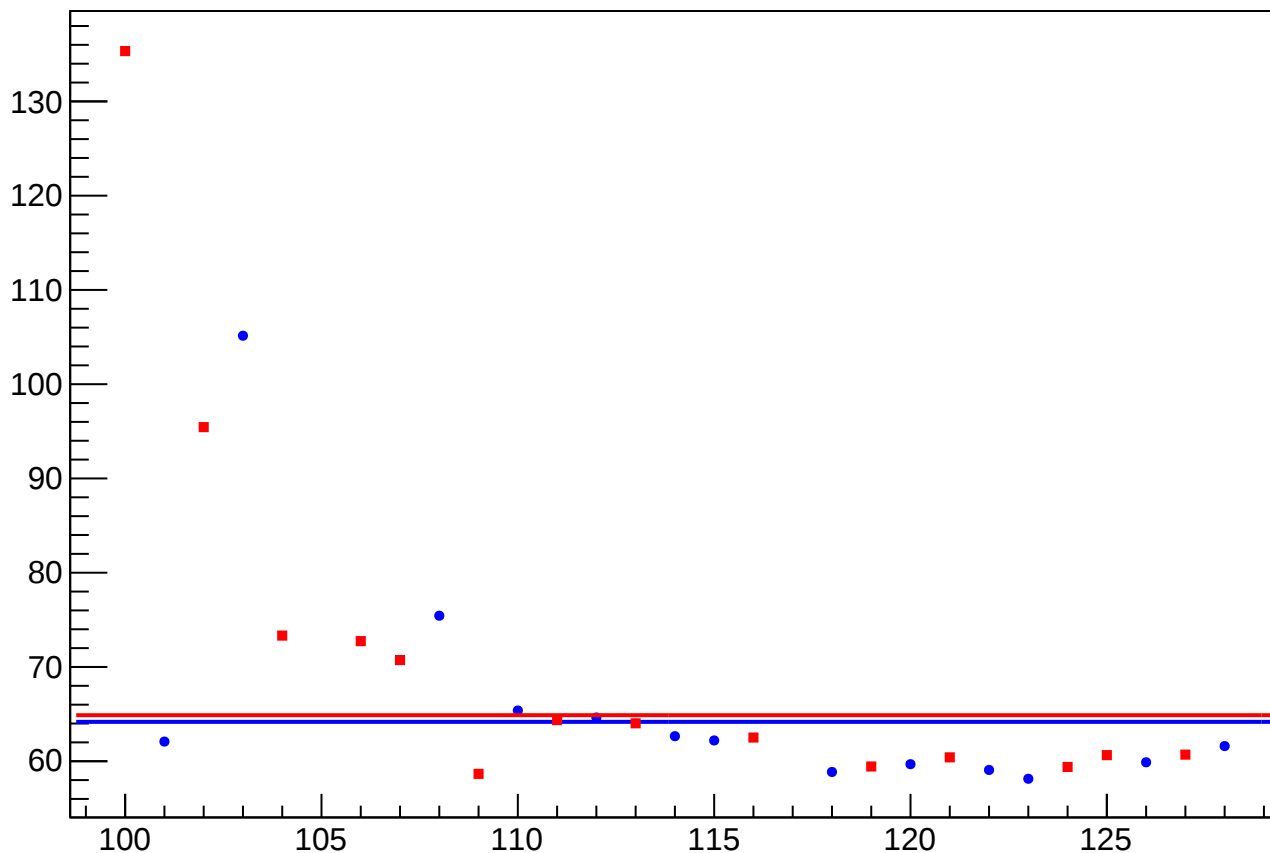
Right: -149.861+/-20.841 χ^2/NDF : 41.1/26

In: -175.993+/-30.036 χ^2/NDF : 5.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -149.861+/-20.841 χ^2/NDF : 41.1/26

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 64.178+/-0.021 χ^2/NDF : 213351.7/12

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

Right Out: 64.886+/-0.020 χ^2/NDF : 205483.3/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

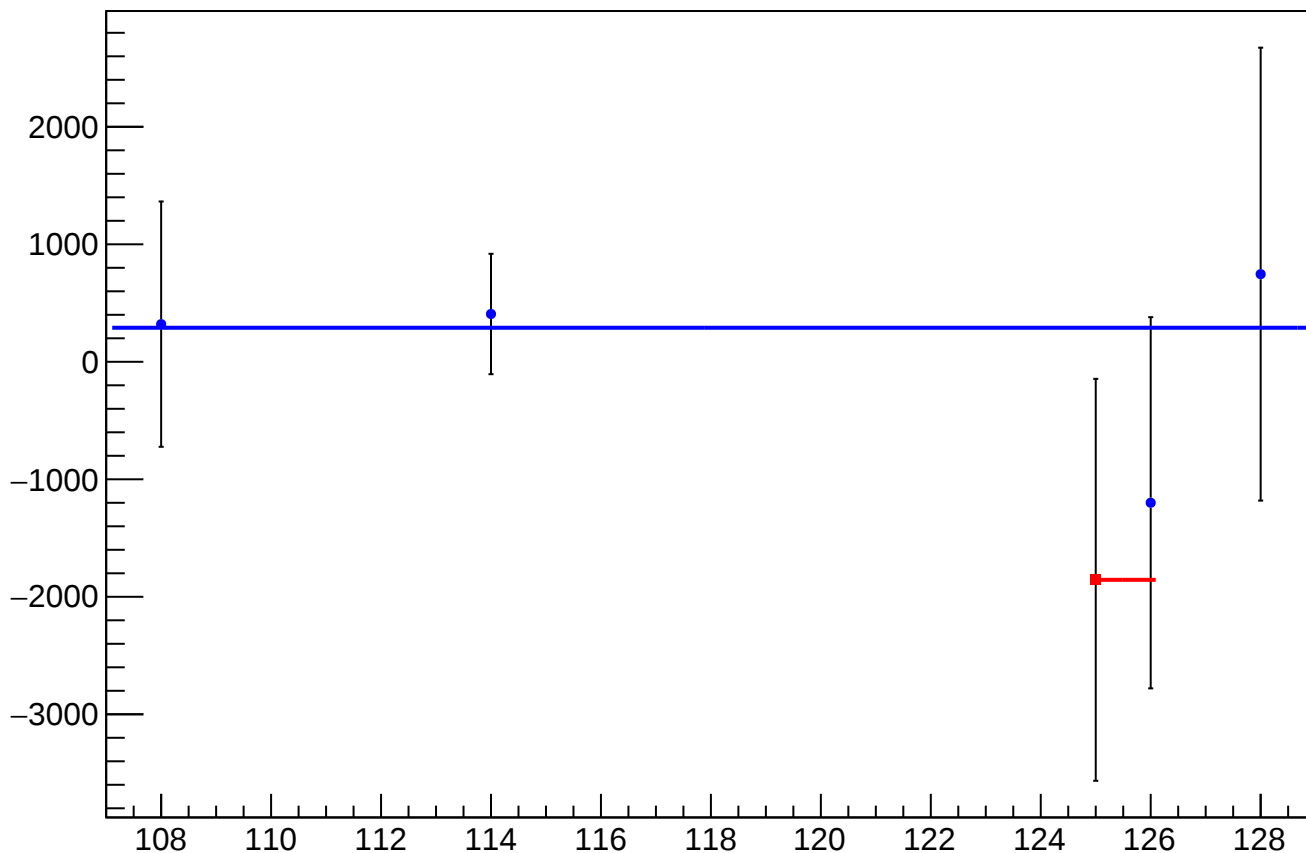
Right: 64.545+/-0.015 χ^2/NDF : 419410.9/26

In: 64.178+/-0.021 χ^2/NDF :213351.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 64.545+/-0.015 χ^2/NDF : 419410.9/26

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: 289.832 $\pm$ 430.437 χ^2 /NDF: 1.0/3

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

Right Out: -1855.604 $\pm$ 1710.436 χ^2 /NDF: 0.0/0

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

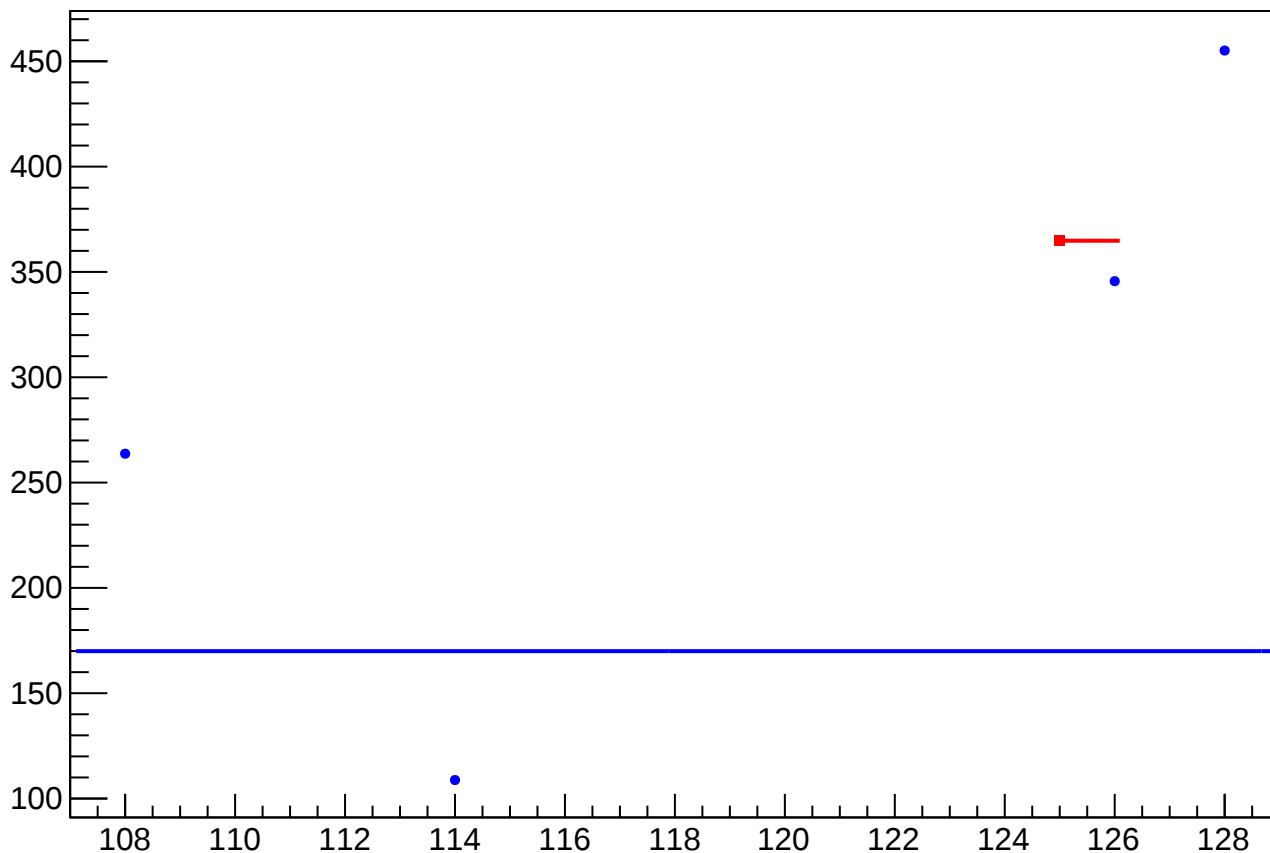
Right: 162.055 $\pm$ 417.422 χ^2 /NDF: 2.5/4

In: 289.832 $\pm$ 430.437 χ^2 /NDF:1.0/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 162.055 $\pm$ 417.422 χ^2 /NDF: 2.5/4

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 169.977 $\pm$ 0.304 χ^2 /NDF: 113149.8/3

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

Right Out: 364.814 $\pm$ 1.209 χ^2 /NDF: 0.0/0

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

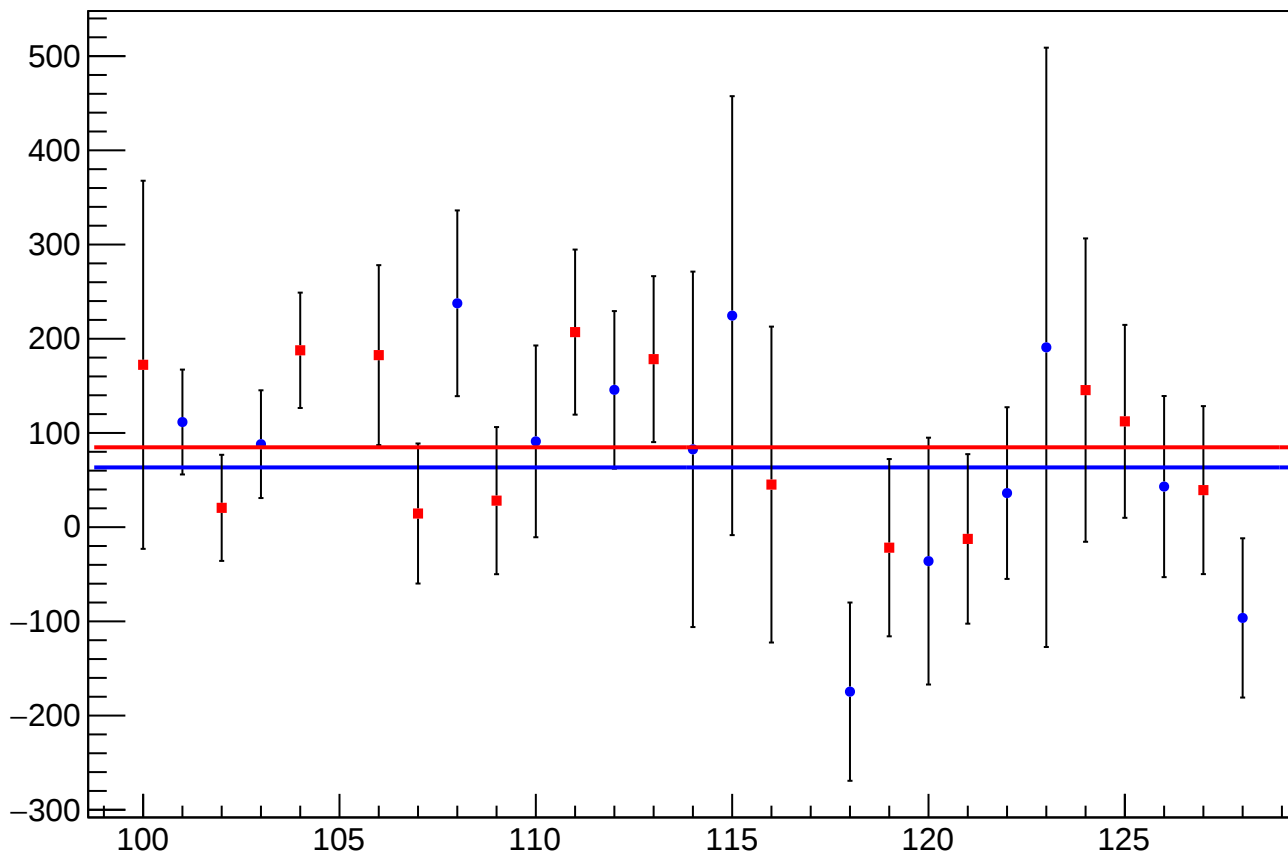
Right: 181.581 $\pm$ 0.295 χ^2 /NDF: 137555.5/4

In: 169.977 $\pm$ 0.304 χ^2 /NDF:113149.8/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 181.581 $\pm$ 0.295 χ^2 /NDF: 137555.5/4

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 63.427 $\pm$ 25.270 χ^2 /NDF: 16.4/12

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

Right Out: 84.773 $\pm$ 23.225 χ^2 /NDF: 12.9/13

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

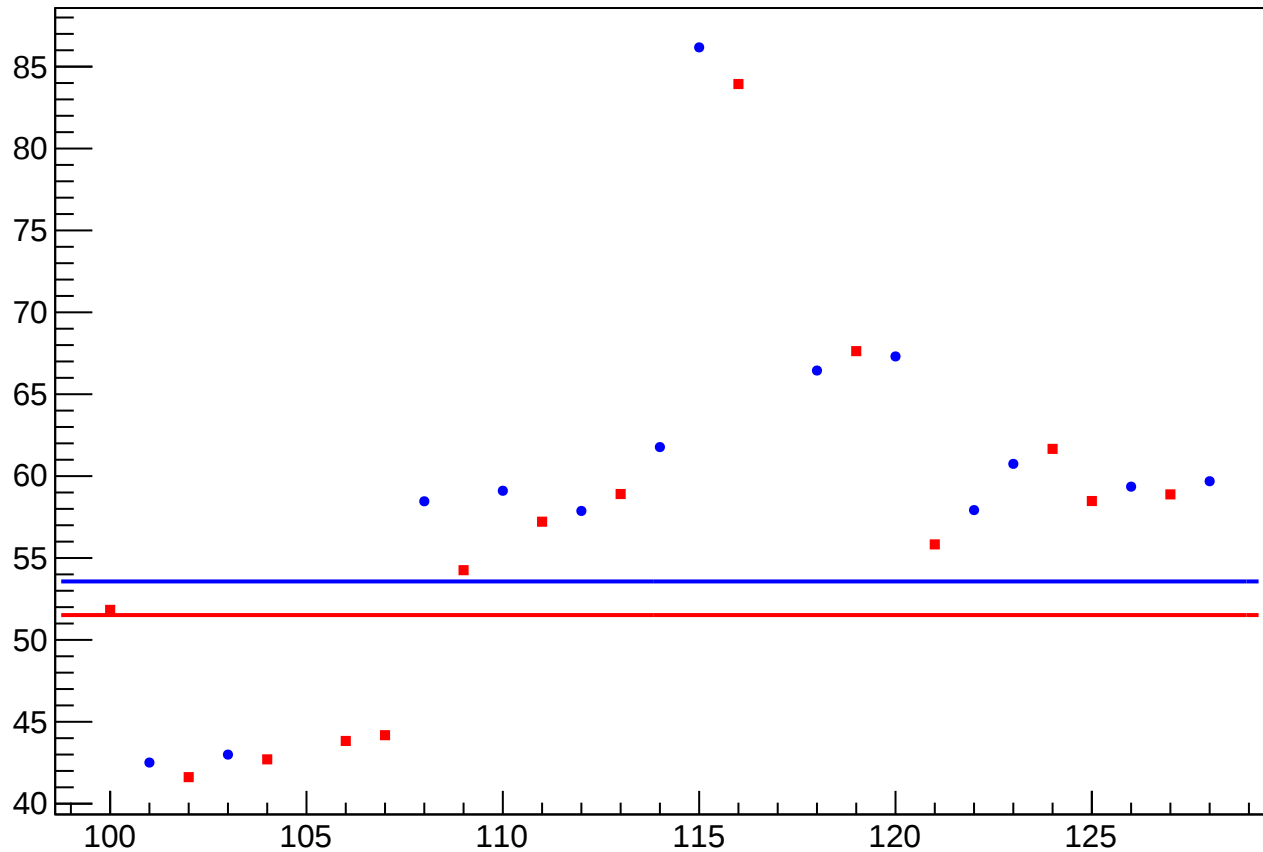
Right: 74.999 $\pm$ 17.100 χ^2 /NDF: 29.6/26

In: 63.427 $\pm$ 25.270 χ^2 /NDF:16.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 74.999 $\pm$ 17.100 χ^2 /NDF: 29.6/26

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 53.569+/-0.018 χ^2/NDF : 288758.6/12

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

Right Out: 51.517+/-0.016 χ^2/NDF : 329511.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

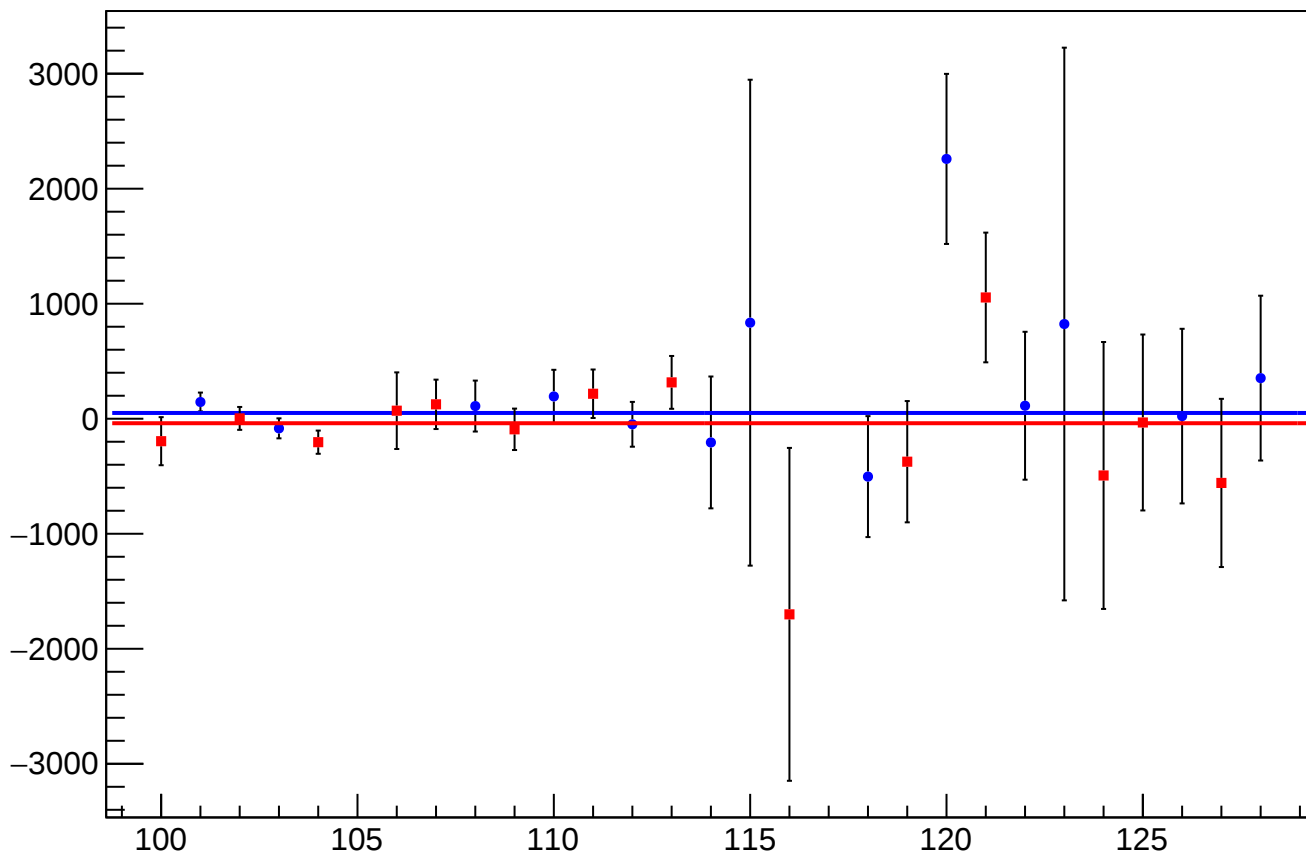
Right: 52.457+/-0.012 χ^2/NDF : 625424.2/26

In: 53.569+/-0.018 χ^2/NDF : 288758.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.457+/-0.012 χ^2/NDF : 625424.2/26

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 50.243+/-52.608 χ^2/NDF : 15.1/12

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

Right Out: -39.009+/-54.497 χ^2/NDF : 14.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

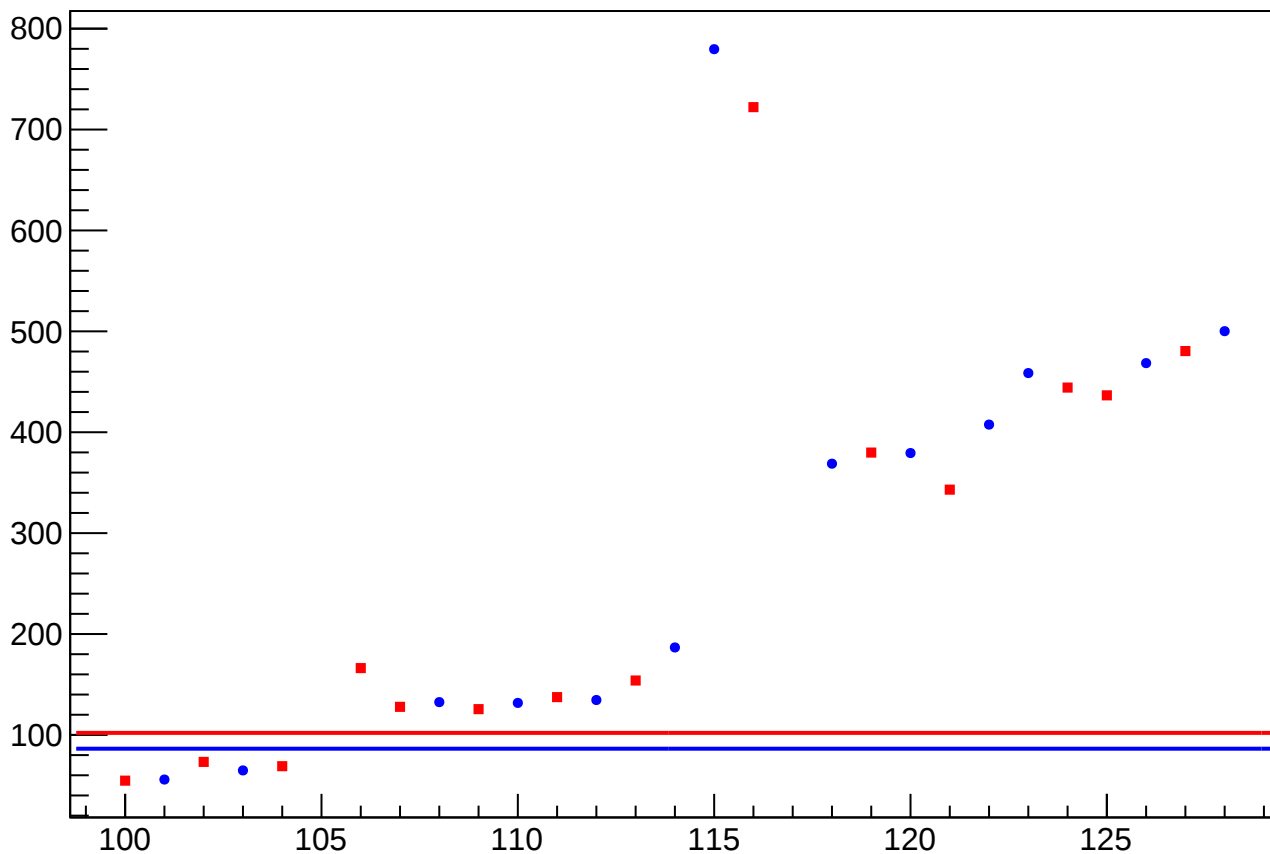
Right: 7.190+/-37.850 χ^2/NDF : 30.7/26

In: 50.243+/-52.608 χ^2/NDF : 15.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.190+/-37.850 χ^2/NDF : 30.7/26

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 86.346+/-0.037 χ^2/NDF : 3576245.6/12

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

Right Out: 102.025+/-0.039 χ^2/NDF : 3160320.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

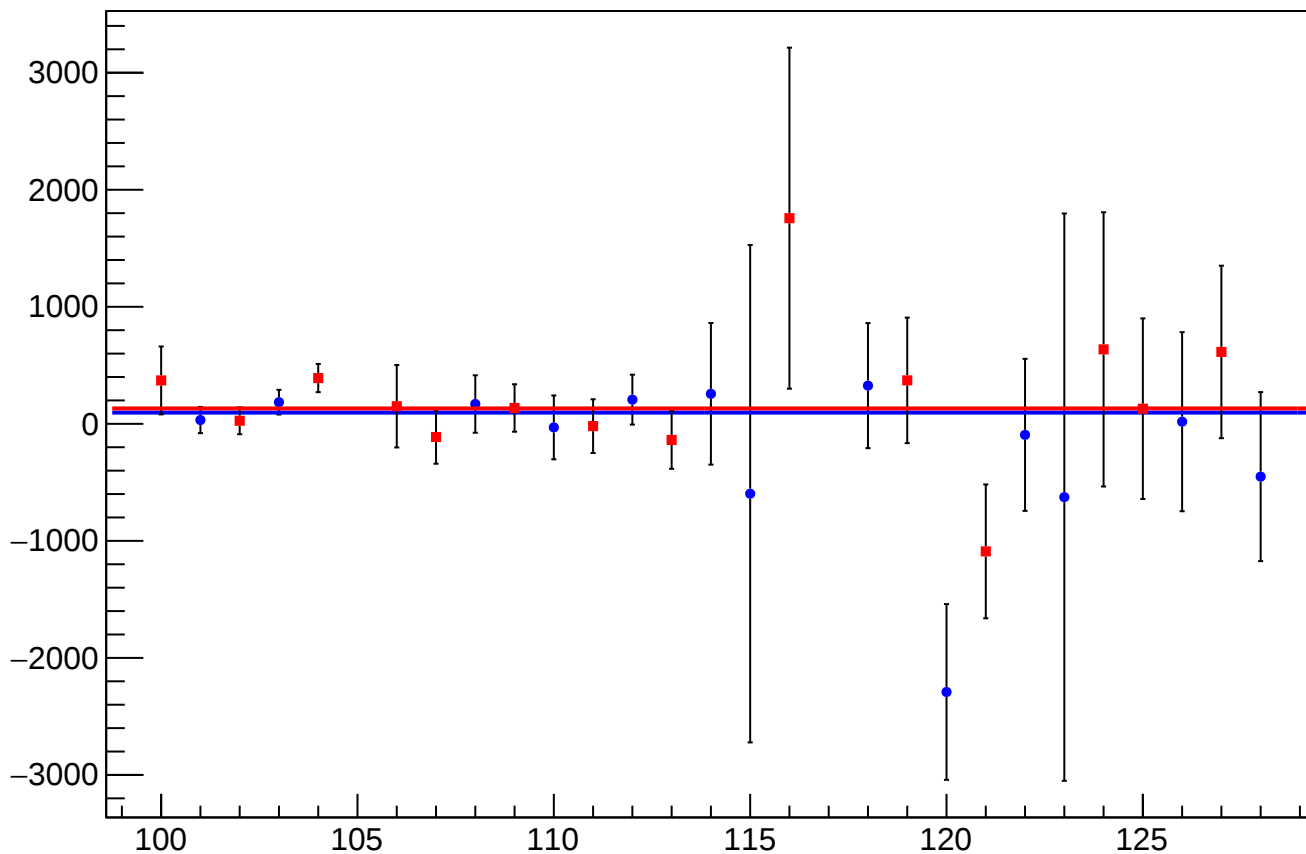
Right: 93.909+/-0.027 χ^2/NDF : 6822261.2/26

In: 86.346+/-0.037 χ^2/NDF : 3576245.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.909+/-0.027 χ^2/NDF : 6822261.2/26

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 95.927+/-65.087 χ^2/NDF : 12.8/12

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

Right Out: 131.750+/-62.638 χ^2/NDF : 15.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

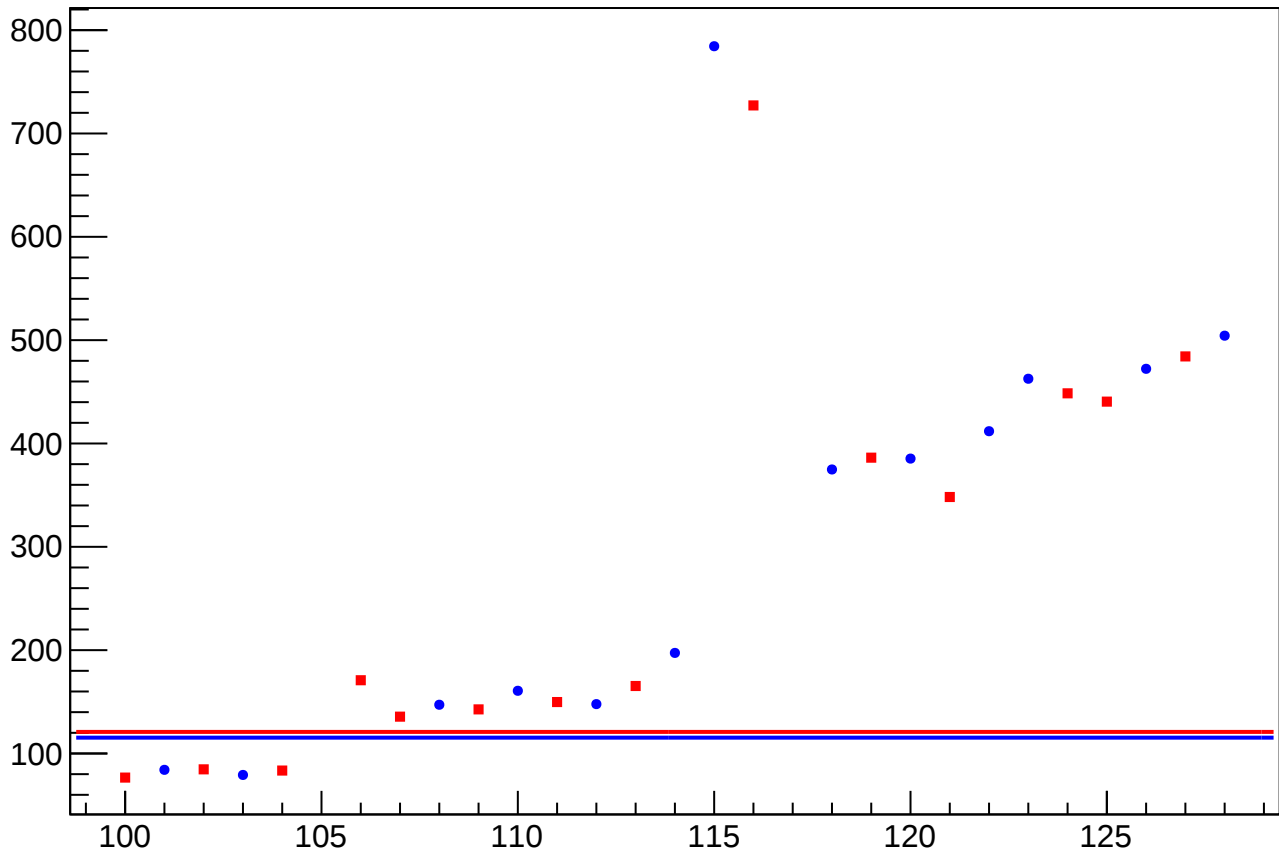
Right: 114.525+/-45.133 χ^2/NDF : 28.5/26

In: 95.927+/-65.087 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.525+/-45.133 χ^2/NDF : 28.5/26

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 115.328+/-0.046 χ^2/NDF : 2962998.4/12

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

Right Out: 120.890+/-0.044 χ^2/NDF : 2744532.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

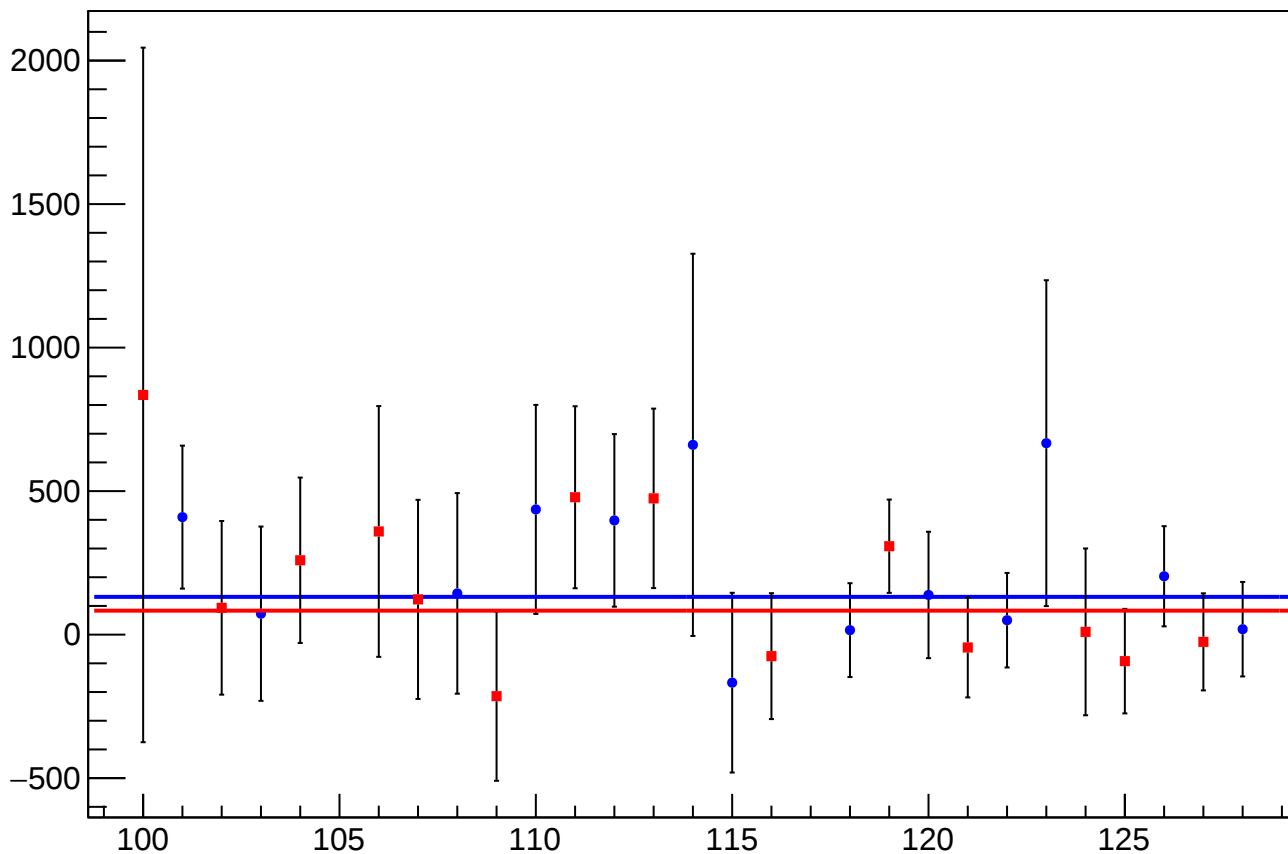
Right: 118.216+/-0.032 χ^2/NDF : 5715114.1/26

In: 115.328+/-0.046 χ^2/NDF :2962998.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 118.216+/-0.032 χ^2/NDF : 5715114.1/26

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 131.567 $\pm$ 65.380 χ^2 /NDF: 6.6/12

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

Right Out: 83.499 $\pm$ 64.877 χ^2 /NDF: 9.7/13

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

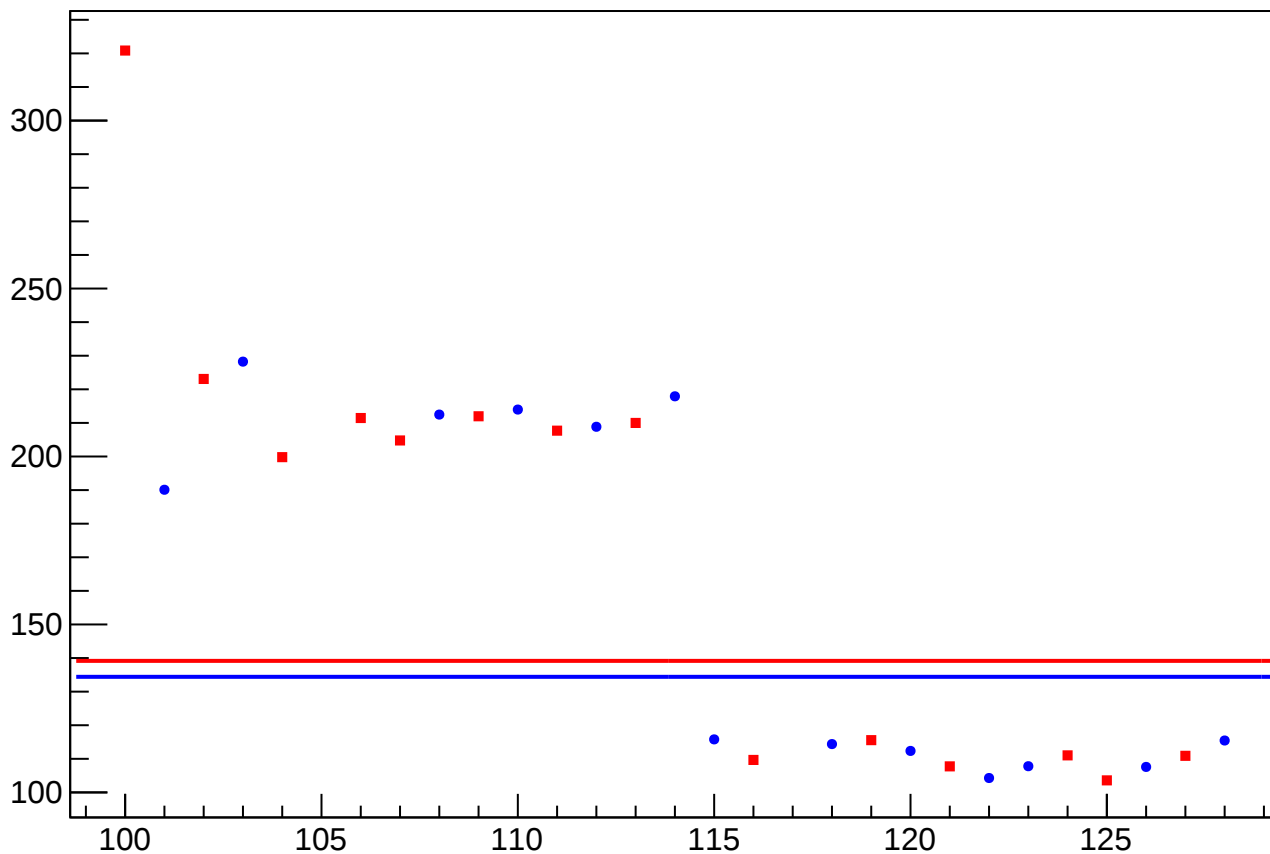
Right: 107.347 $\pm$ 46.052 χ^2 /NDF: 16.6/26

In: 131.567 $\pm$ 65.380 χ^2 /NDF:6.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 107.347 $\pm$ 46.052 χ^2 /NDF: 16.6/26

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 134.411+/-0.046 χ^2/NDF : 842534.5/12

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

Right Out: 139.160+/-0.046 χ^2/NDF : 1026599.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

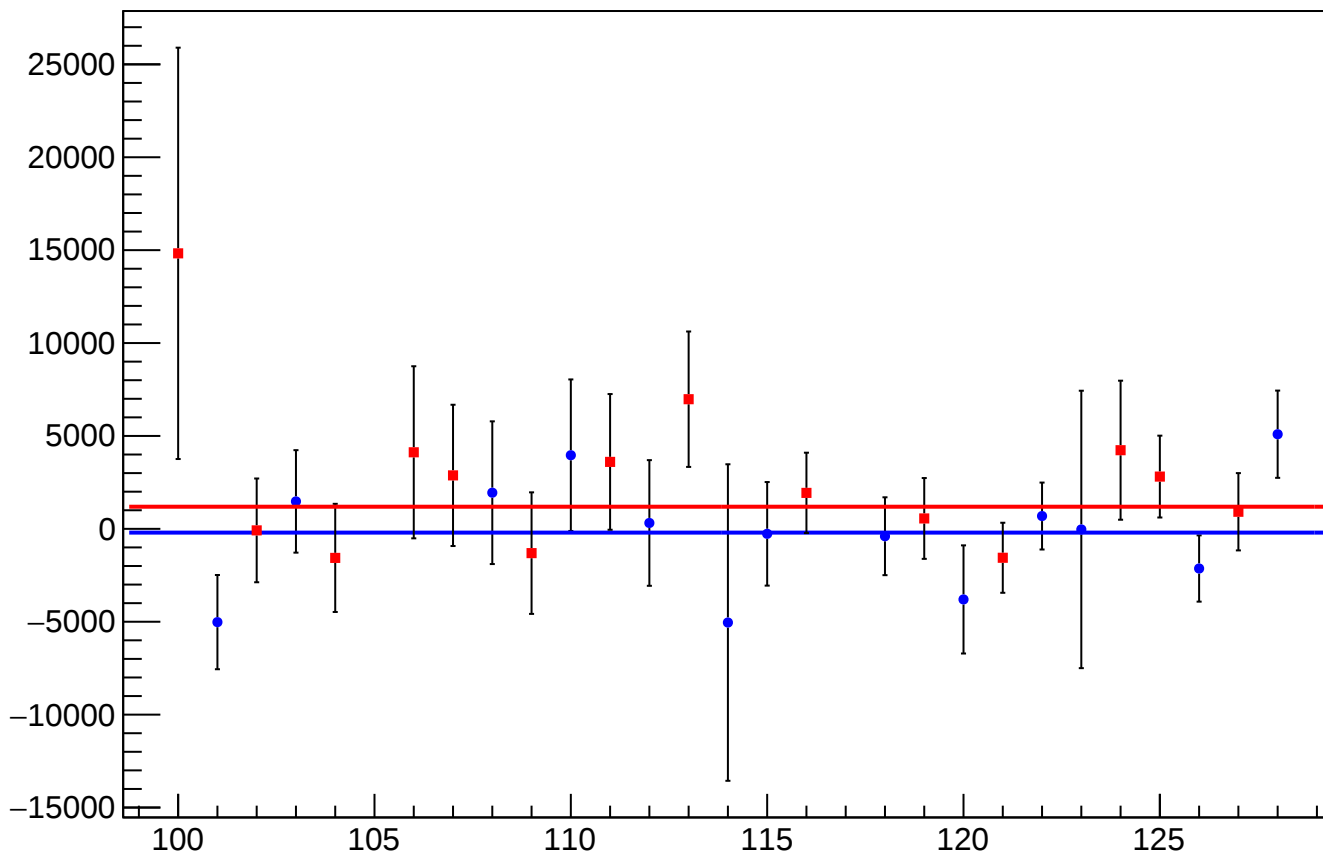
Right: 136.804+/-0.033 χ^2/NDF : 1874448.8/26

In: 134.411+/-0.046 χ^2/NDF : 842534.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.804+/-0.033 χ^2/NDF : 1874448.8/26

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -202.681+/-742.770 χ^2/NDF : 13.7/12

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

Right Out: 1190.957+/-739.380 χ^2/NDF : 10.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

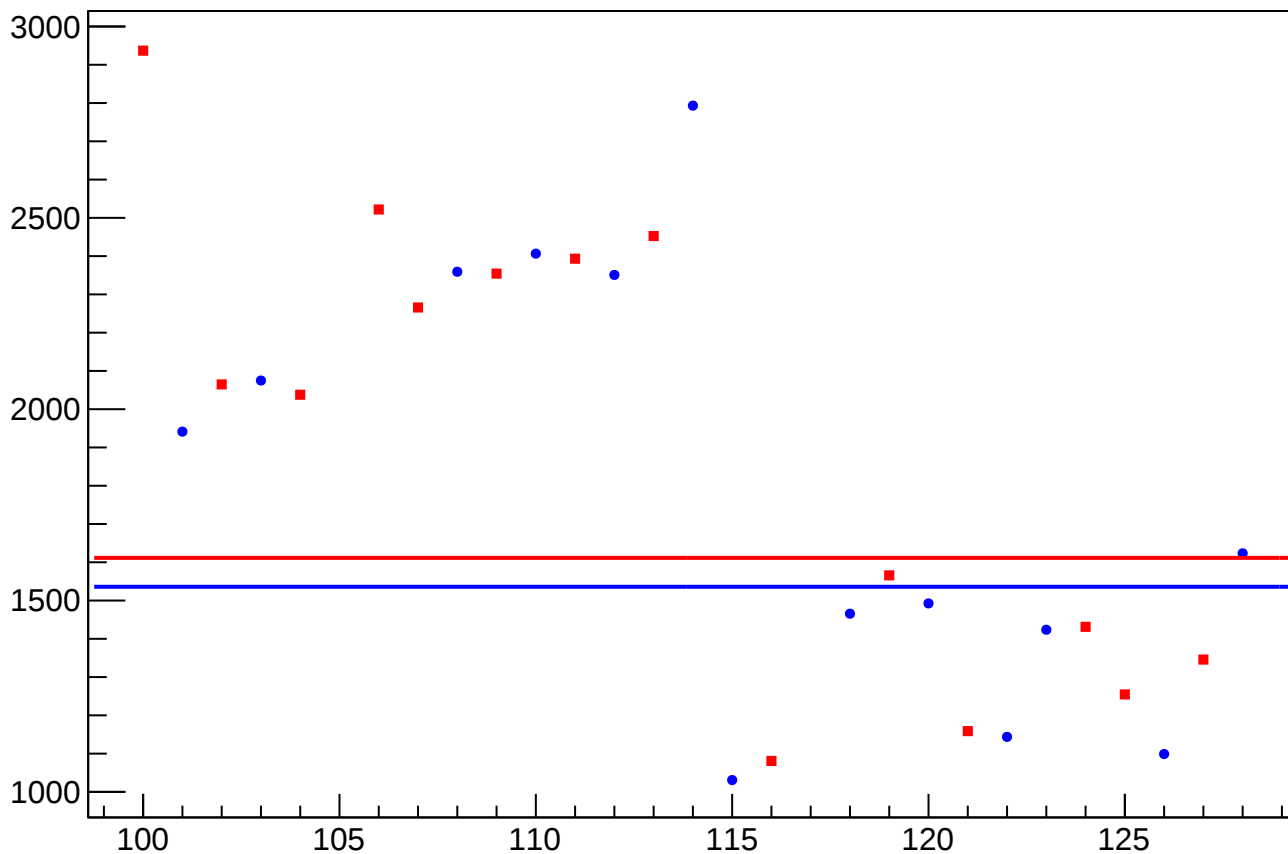
Right: 497.325+/-524.015 χ^2/NDF : 25.8/26

In: -202.681+/-742.770 χ^2/NDF : 13.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 497.325+/-524.015 χ^2/NDF : 25.8/26

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1535.971+/-0.525 χ^2/NDF : 756690.9/12

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

Right Out: 1611.514+/-0.523 χ^2/NDF : 888391.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

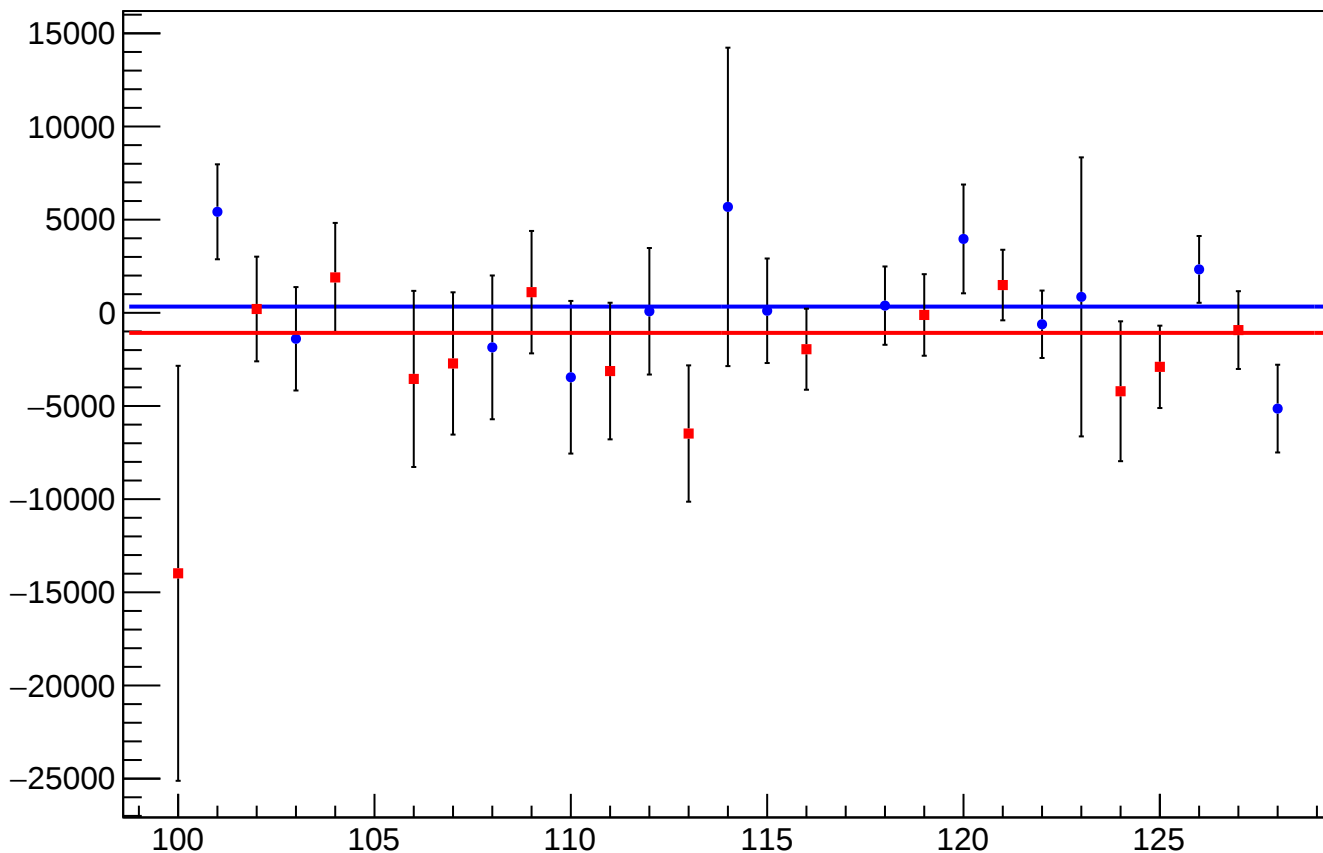
Right: 1573.915+/-0.371 χ^2/NDF : 1655473.0/26

In: 1535.971+/-0.525 χ^2/NDF : 756690.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1573.915+/-0.371 χ^2/NDF : 1655473.0/26

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 334.454+/-746.007 χ^2/NDF : 14.4/12

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

Right Out: -1076.441+/-743.078 χ^2/NDF : 9.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

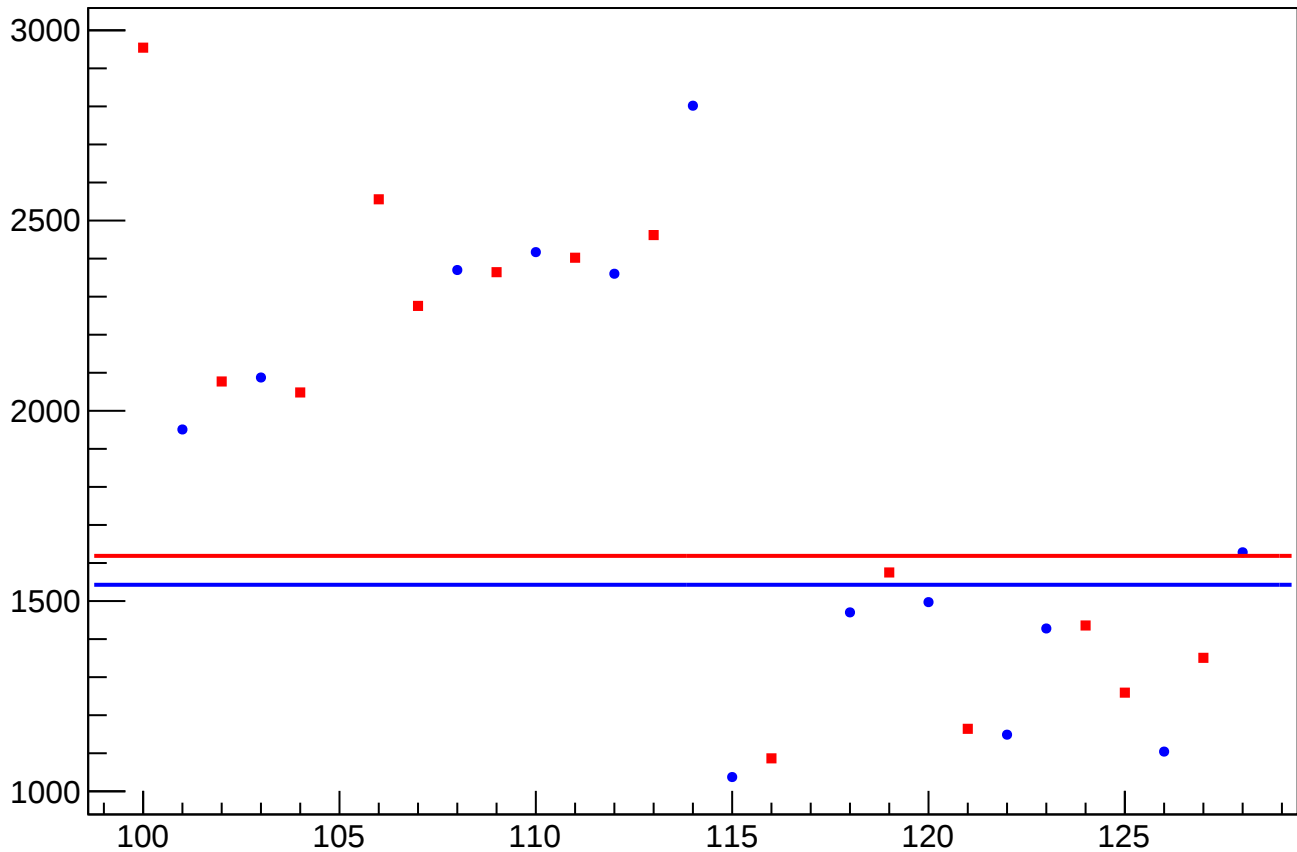
Right: -373.768+/-526.468 χ^2/NDF : 25.8/26

In: 334.454+/-746.007 χ^2/NDF : 14.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -373.768+/-526.468 χ^2/NDF : 25.8/26

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1542.762+/-0.528 χ^2/NDF : 756120.8/12

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

Right Out: 1618.750+/-0.525 χ^2/NDF : 889960.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

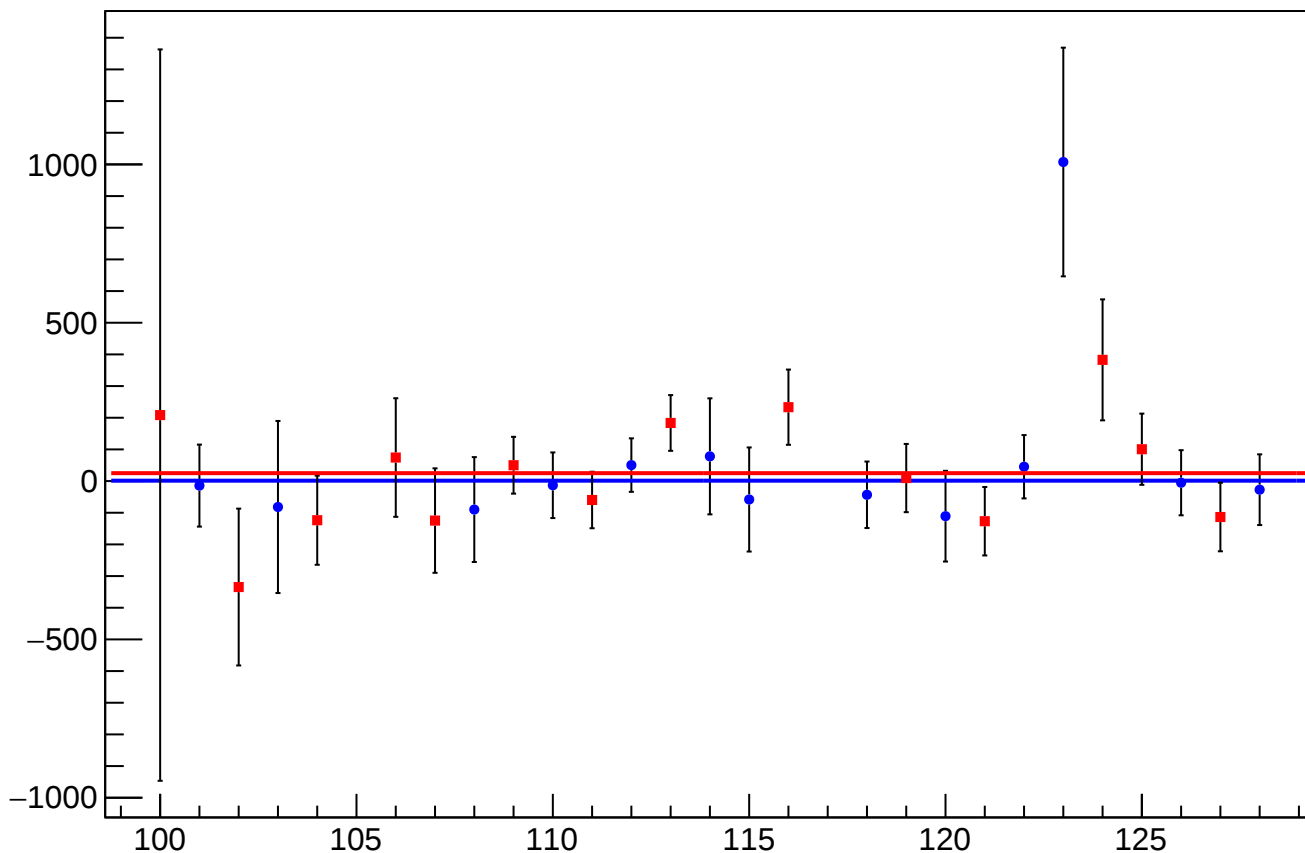
Right: 1580.905+/-0.372 χ^2/NDF : 1656497.3/26

In: 1542.762+/-0.528 χ^2/NDF : 756120.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1580.905+/-0.372 χ^2/NDF : 1656497.3/26

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 1.227+/-34.675 χ^2/NDF : 9.9/12

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

Right Out: 25.014+/-32.509 χ^2/NDF : 19.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

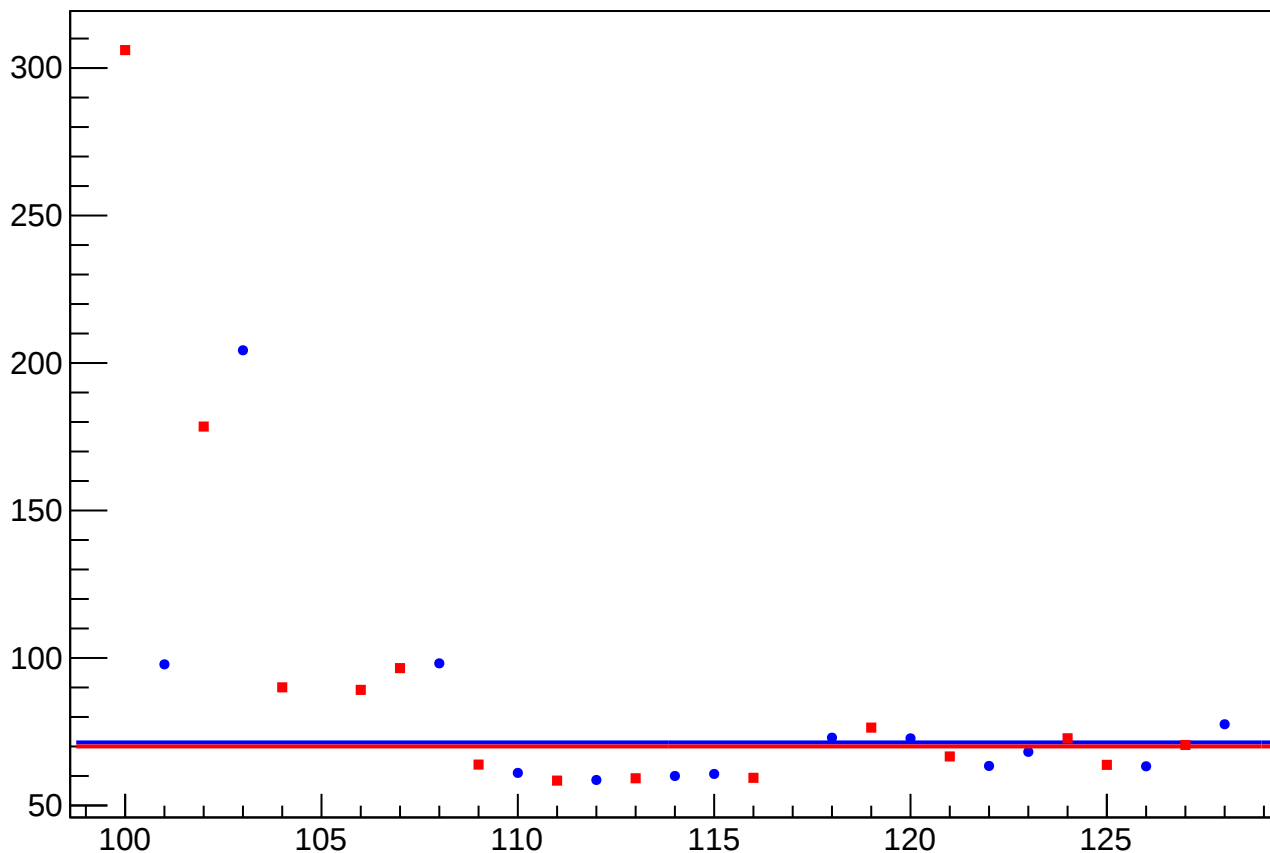
Right: 13.887+/-23.716 χ^2/NDF : 29.2/26

In: 1.227+/-34.675 χ^2/NDF : 9.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.887+/-23.716 χ^2/NDF : 29.2/26

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 71.370 $\pm$ 0.025 χ^2 /NDF: 728194.8/12

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

Right Out: 70.006 $\pm$ 0.023 χ^2 /NDF: 685294.2/13

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

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

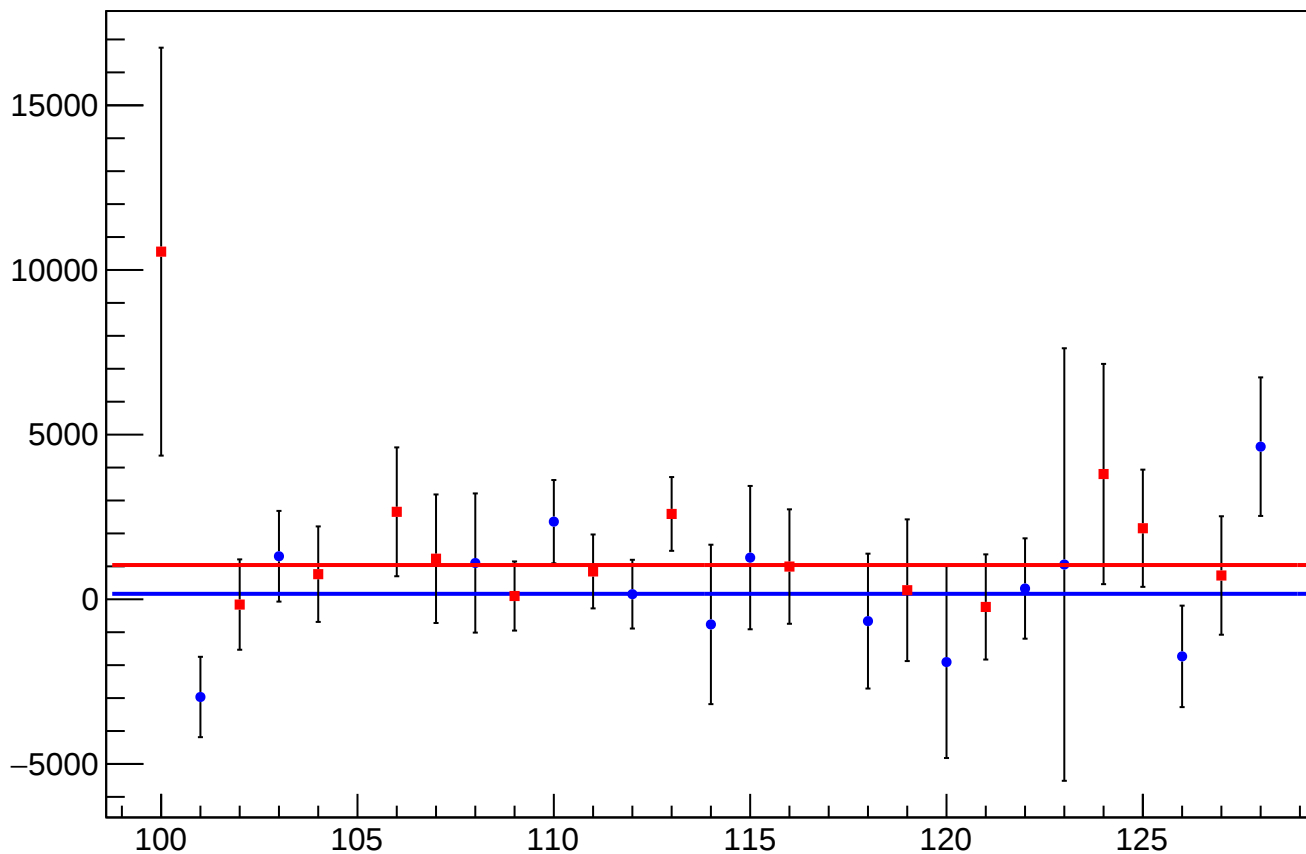
Right: 70.644 $\pm$ 0.017 χ^2 /NDF: 1415134.7/26

In: 71.370 $\pm$ 0.025 χ^2 /NDF:728194.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 70.644 $\pm$ 0.017 χ^2 /NDF: 1415134.7/26

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: 165.940 $\pm$ 456.159 χ^2 /NDF: 17.6/12

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

Right Out: 1040.457 $\pm$ -418.528 χ^2 /NDF: 8.5/13

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

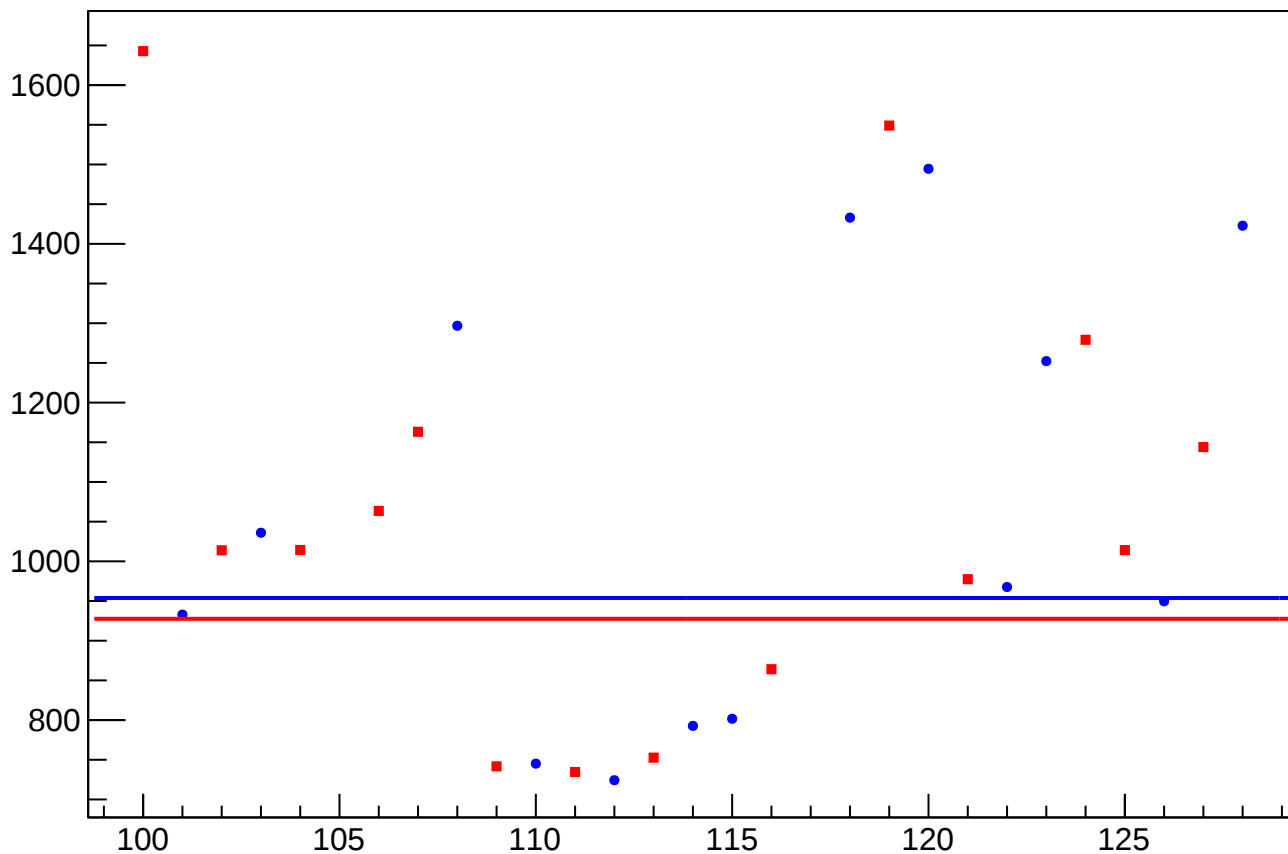
Right: 640.753 $\pm$ -308.391 χ^2 /NDF: 28.1/26

In: 165.940 $\pm$ -456.159 χ^2 /NDF:17.6/12

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

All: 640.753 $\pm$ -308.391 χ^2 /NDF: 28.1/26

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 953.848+/-0.323 χ^2/NDF : 512444.5/12

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

Right Out: 927.619+/-0.296 χ^2/NDF : 478451.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

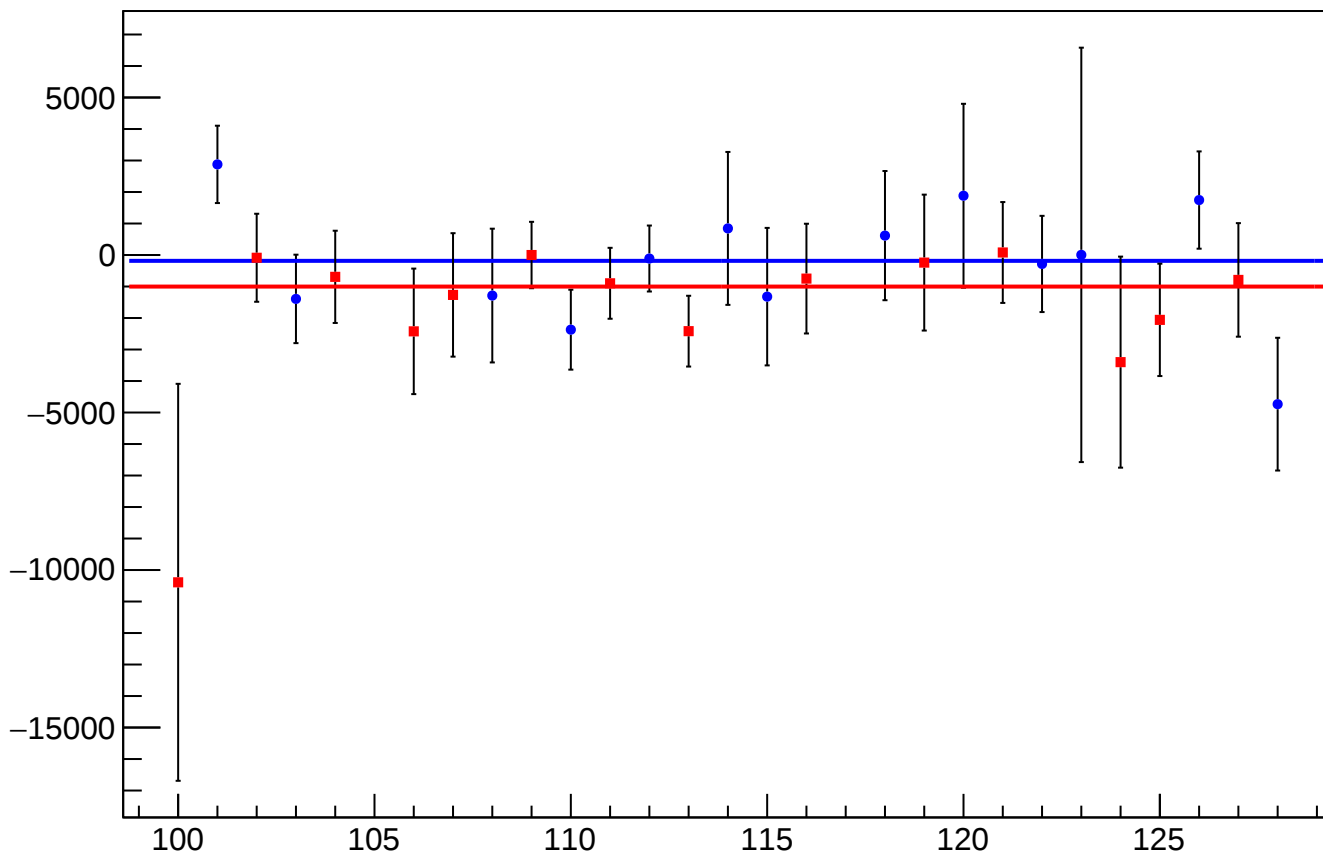
Right: 939.607+/-0.218 χ^2/NDF : 994485.5/26

In: 953.848+/-0.323 χ^2/NDF : 512444.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 939.607+/-0.218 χ^2/NDF : 994485.5/26

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -185.323+/-458.480 χ^2/NDF : 17.5/12

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

Right Out: -1001.860+/-420.918 χ^2/NDF : 7.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

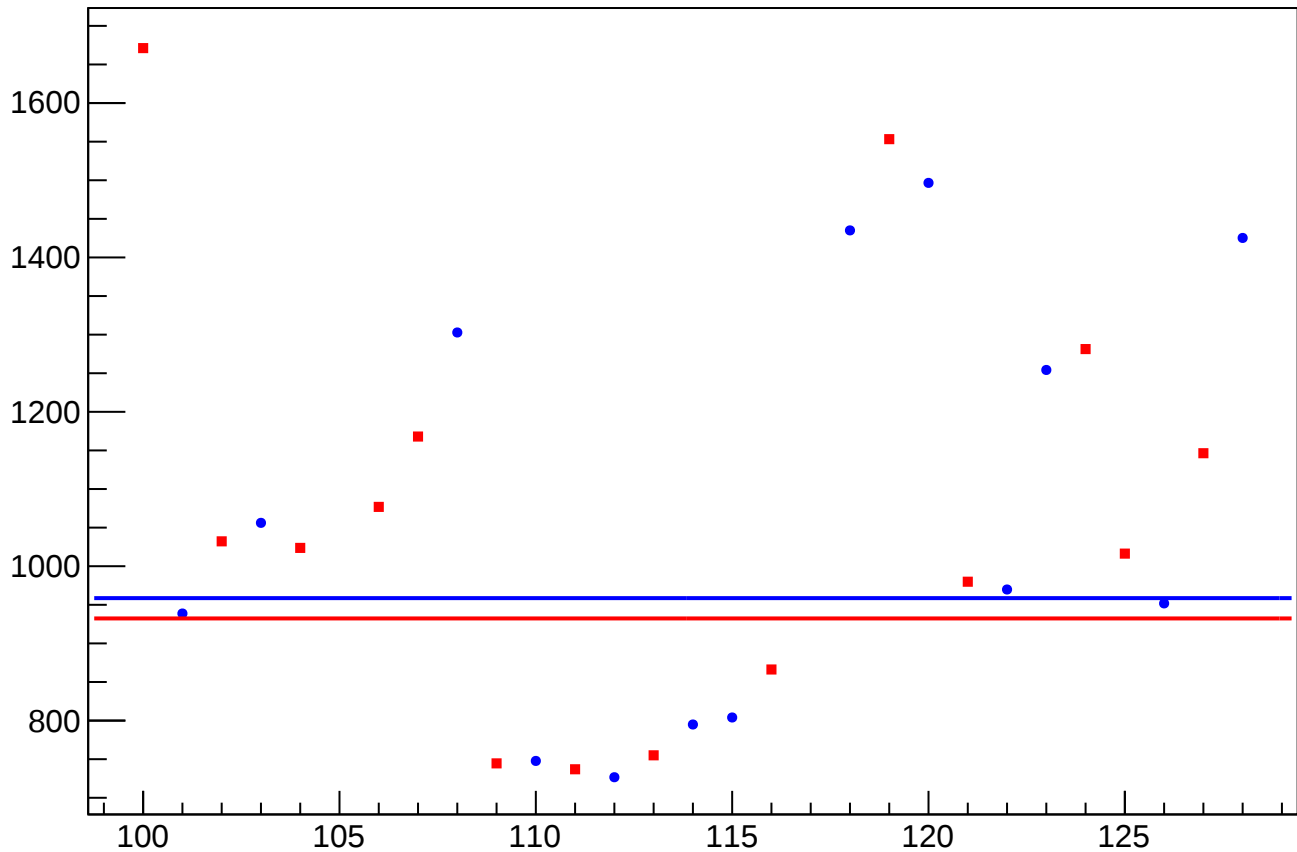
Right: -628.405+/-310.064 χ^2/NDF : 26.5/26

In: -185.323+/-458.480 χ^2/NDF : 17.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -628.405+/-310.064 χ^2/NDF : 26.5/26

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 958.656+/-0.324 χ^2/NDF : 513508.3/12

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

Right Out: 932.339+/-0.298 χ^2/NDF : 483175.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

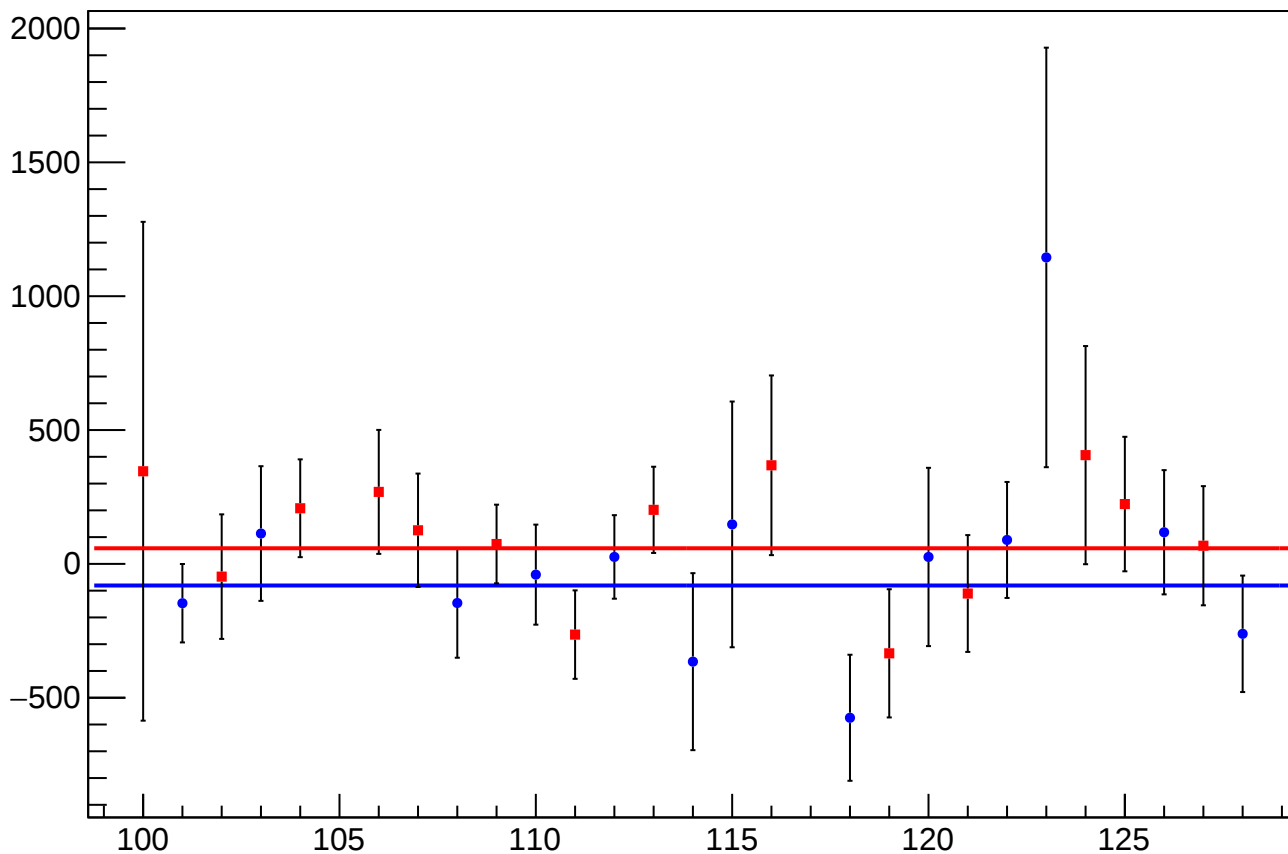
Right: 944.375+/-0.219 χ^2/NDF : 1000259.7/26

In: 958.656+/-0.324 χ^2/NDF : 513508.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 944.375+/-0.219 χ^2/NDF : 1000259.7/26

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -80.744 ± 62.064 $\chi^2/\text{NDF}: 11.4/12$

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

Right Out: 58.348 ± 57.603 $\chi^2/\text{NDF}: 11.8/13$

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

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

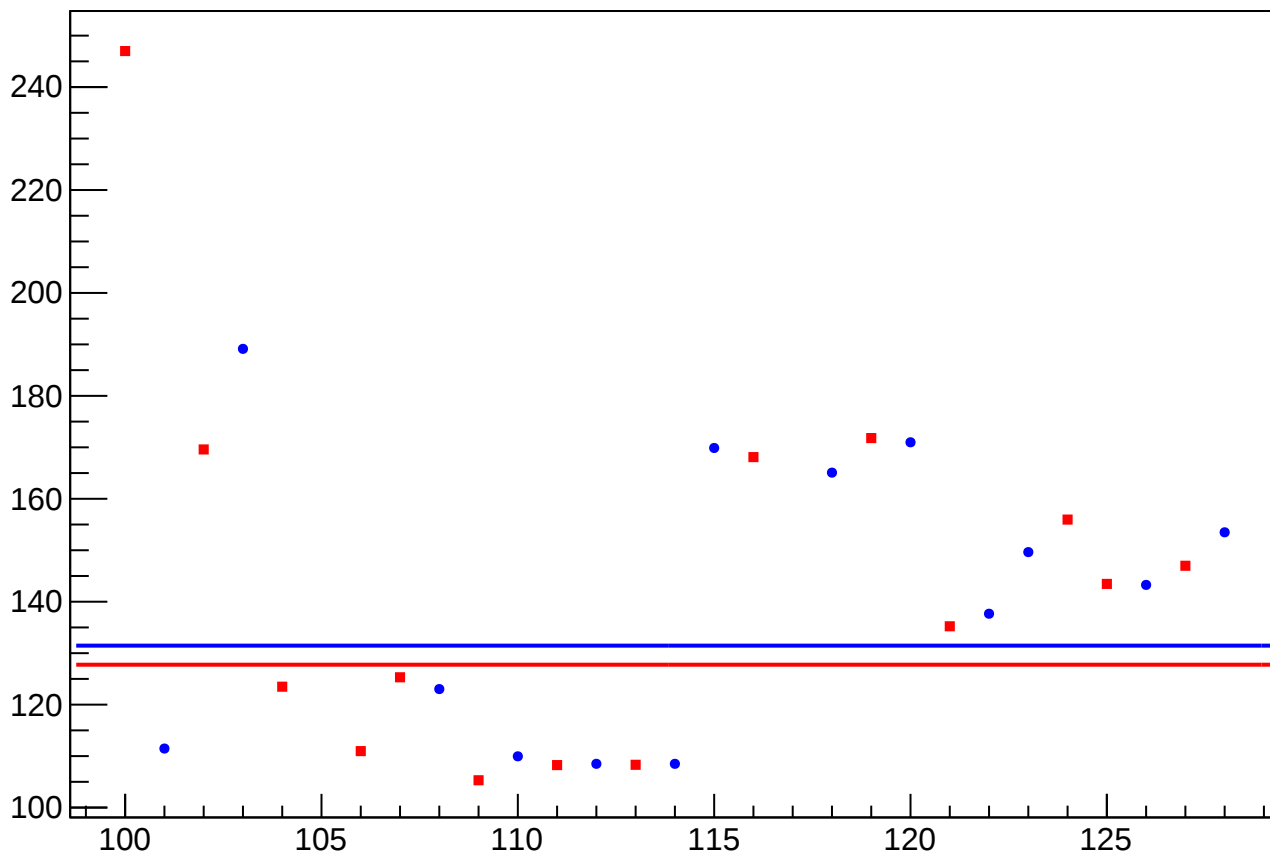
Right: -6.021 ± 42.221 $\chi^2/\text{NDF}: 25.9/26$

In: -80.744 ± 62.064 $\chi^2/\text{NDF}: 11.4/12$

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

All: -6.021 ± 42.221 $\chi^2/\text{NDF}: 25.9/26$

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 131.465+/-0.044 χ^2/NDF : 336588.3/12

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

Right Out: 127.759+/-0.041 χ^2/NDF : 344193.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

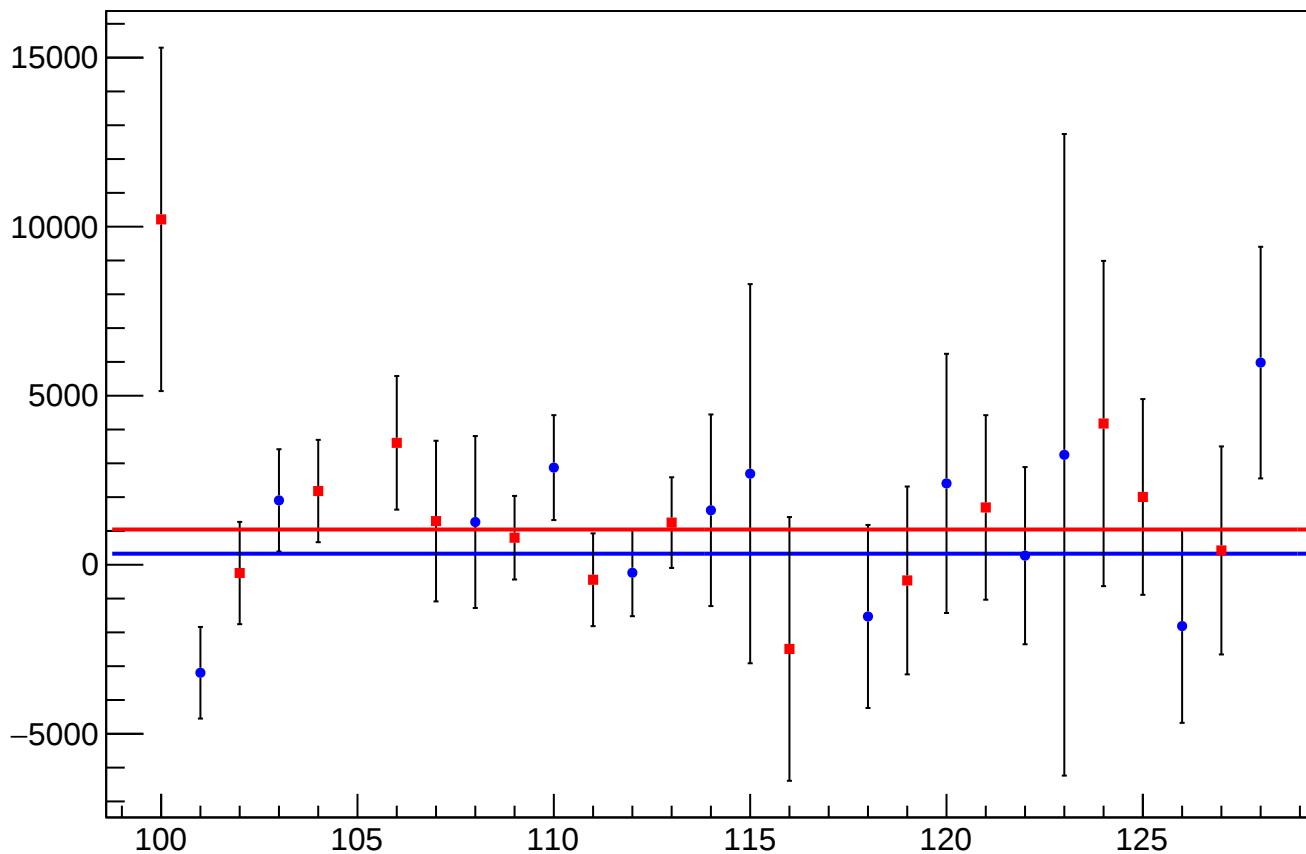
Right: 129.474+/-0.030 χ^2/NDF : 684612.7/26

In: 131.465+/-0.044 χ^2/NDF :336588.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 129.474+/-0.030 χ^2/NDF : 684612.7/26

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: 327.447+/-589.128 χ^2/NDF : 15.4/12

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

Right Out: 1042.953+/-520.965 χ^2/NDF : 9.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

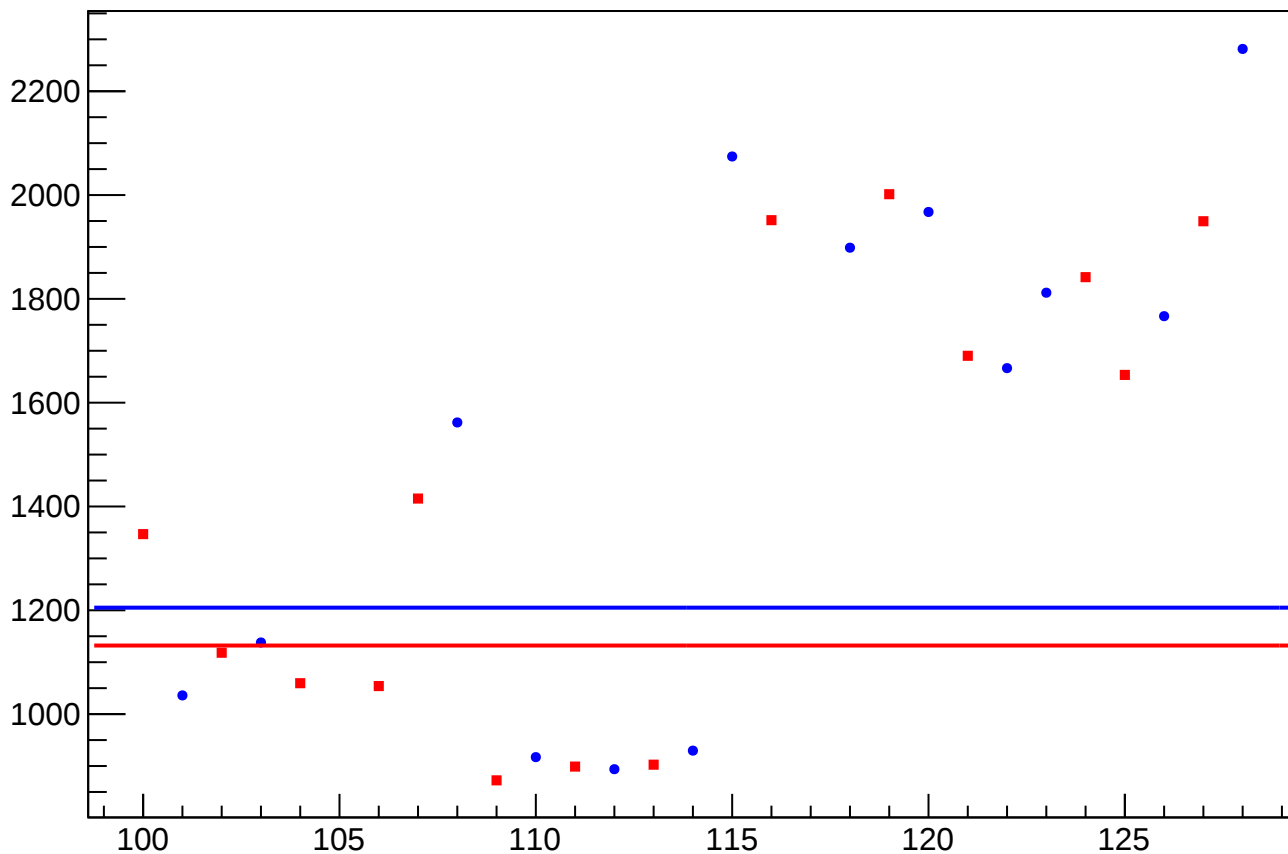
Right: 728.969+/-390.262 χ^2/NDF : 25.4/26

In: 327.447+/-589.128 χ^2/NDF : 15.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 728.969+/-390.262 χ^2/NDF : 25.4/26

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1205.093+/-0.417 χ^2/NDF : 882542.2/12

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

Right Out: 1132.131+/-0.368 χ^2/NDF : 861963.6/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

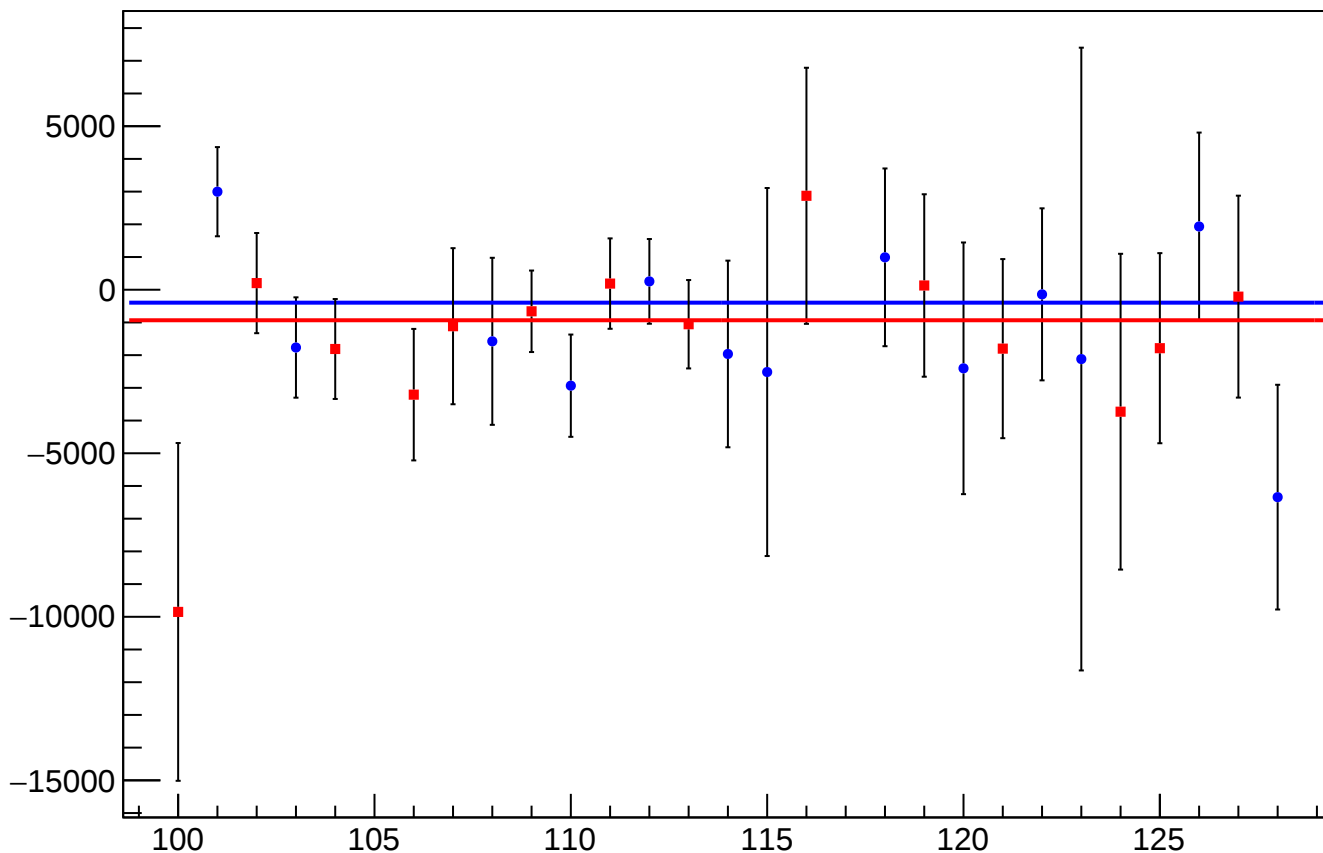
Right: 1164.149+/-0.276 χ^2/NDF : 1761720.9/26

In: 1205.093+/-0.417 χ^2/NDF :882542.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1164.149+/-0.276 χ^2/NDF : 1761720.9/26

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -395.411 ± 593.310 χ^2/NDF : 14.8/12

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

Right Out: -933.457 ± 525.283 χ^2/NDF : 7.5/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

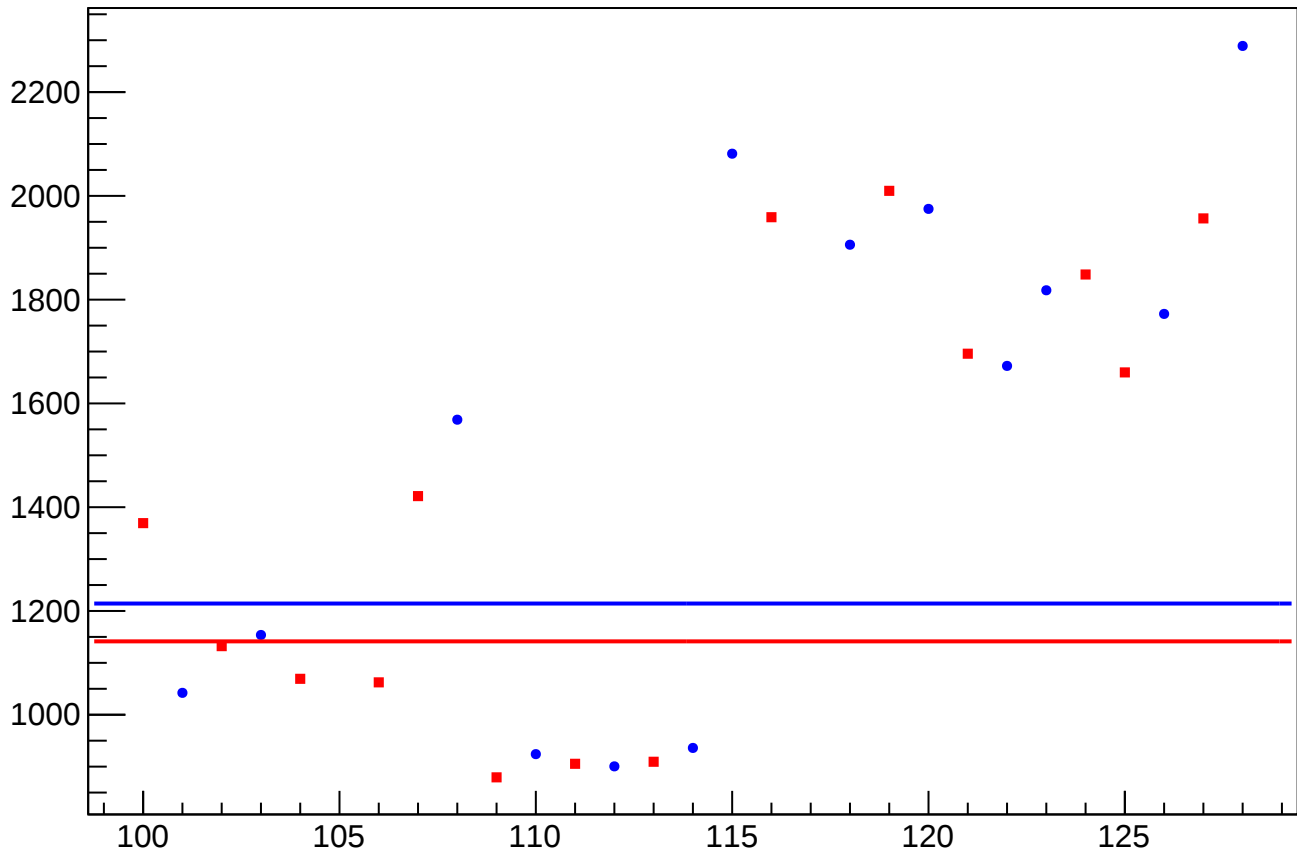
Right: -697.035 ± 393.293 χ^2/NDF : 22.8/26

In: -395.411 ± 593.310 χ^2/NDF : 14.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -697.035 ± 393.293 χ^2/NDF : 22.8/26

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1214.320+/-0.420 χ^2/NDF : 874082.2/12

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

Right Out: 1141.415+/-0.371 χ^2/NDF : 853850.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

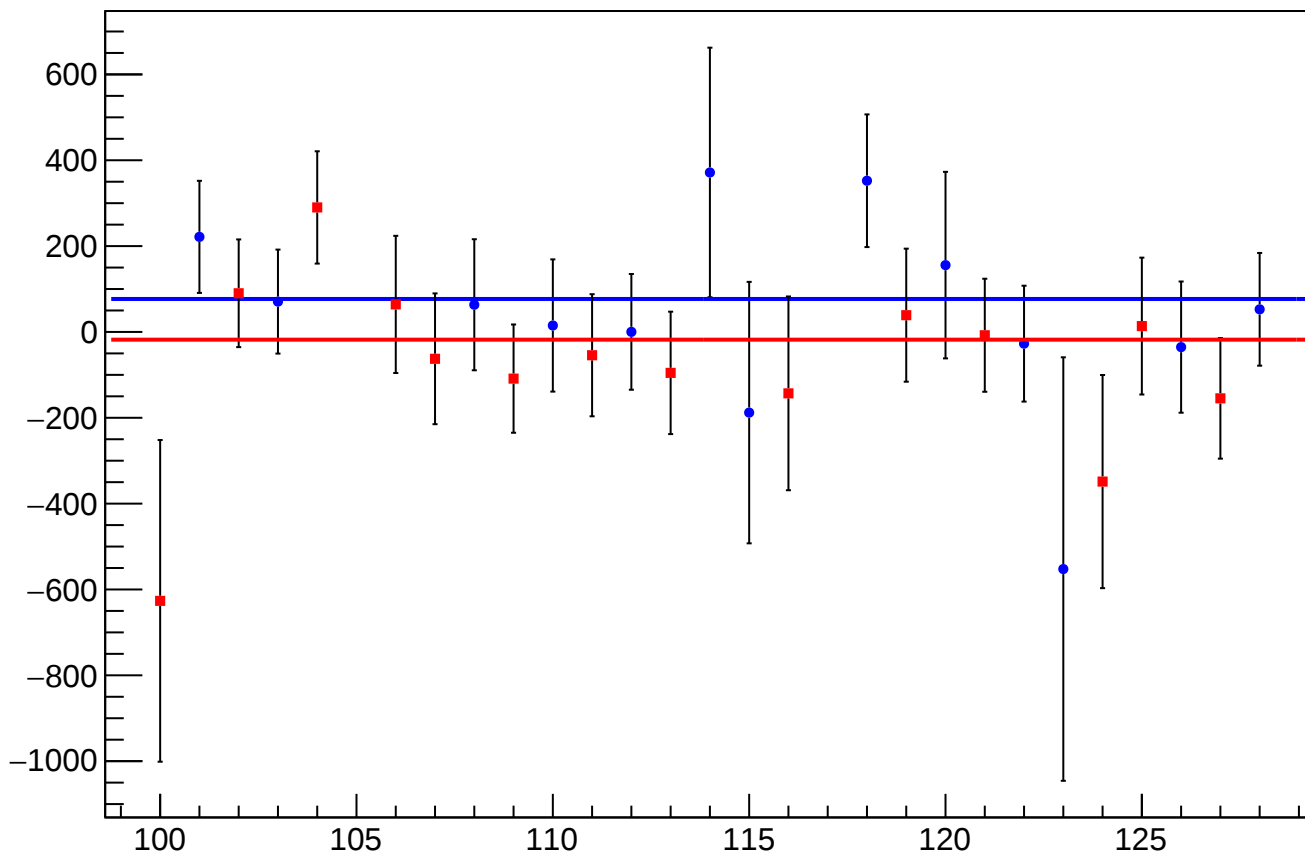
Right: 1173.450+/-0.278 χ^2/NDF : 1744861.5/26

In: 1214.320+/-0.420 χ^2/NDF : 874082.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1173.450+/-0.278 χ^2/NDF : 1744861.5/26

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 76.834+/-44.183 χ^2/NDF : 9.6/12

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

Right Out: -17.991+/-40.897 χ^2/NDF : 13.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

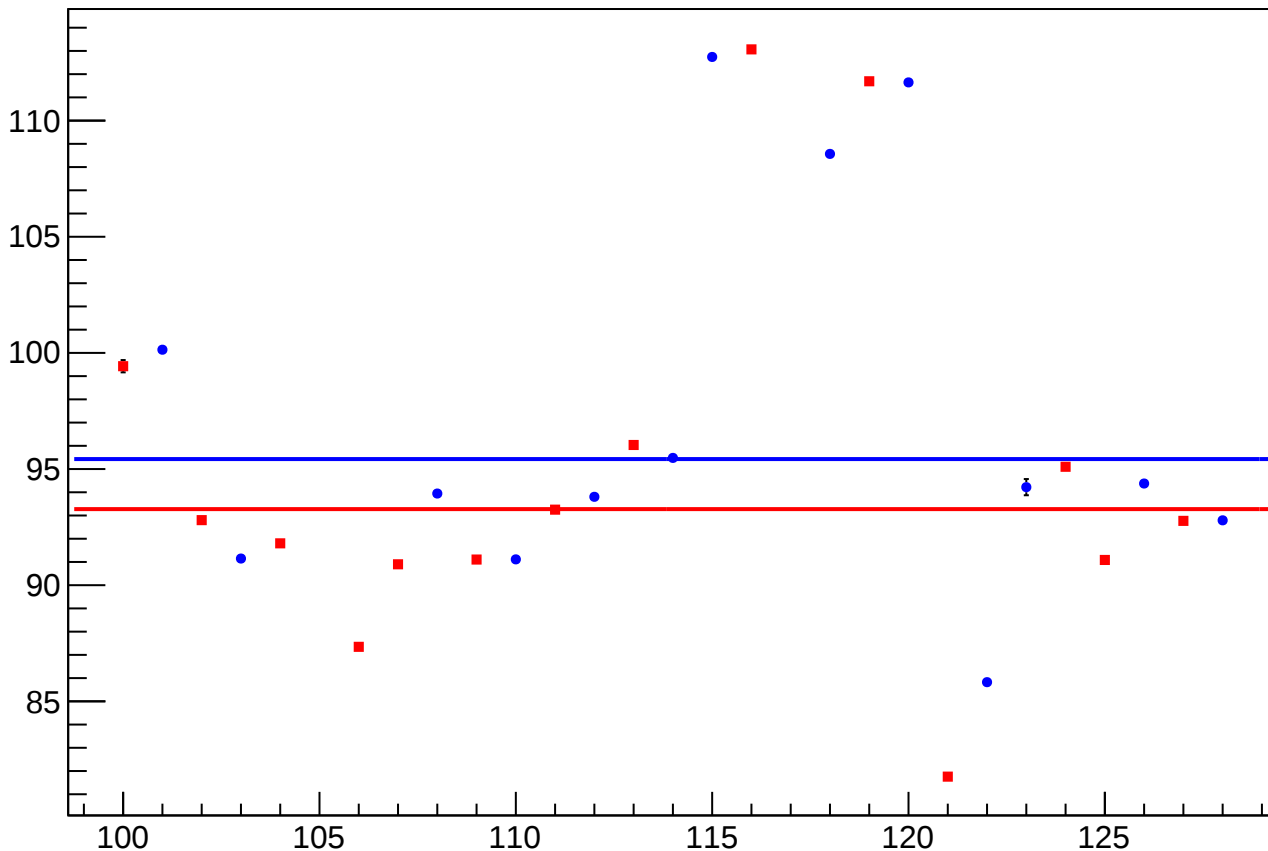
Right: 25.764+/-30.013 χ^2/NDF : 25.4/26

In: 76.834+/-44.183 χ^2/NDF : 9.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.764+/-30.013 χ^2/NDF : 25.4/26

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 95.430+/-0.031 χ^2/NDF : 50234.8/12

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

Right Out: 93.275+/-0.029 χ^2/NDF : 64831.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

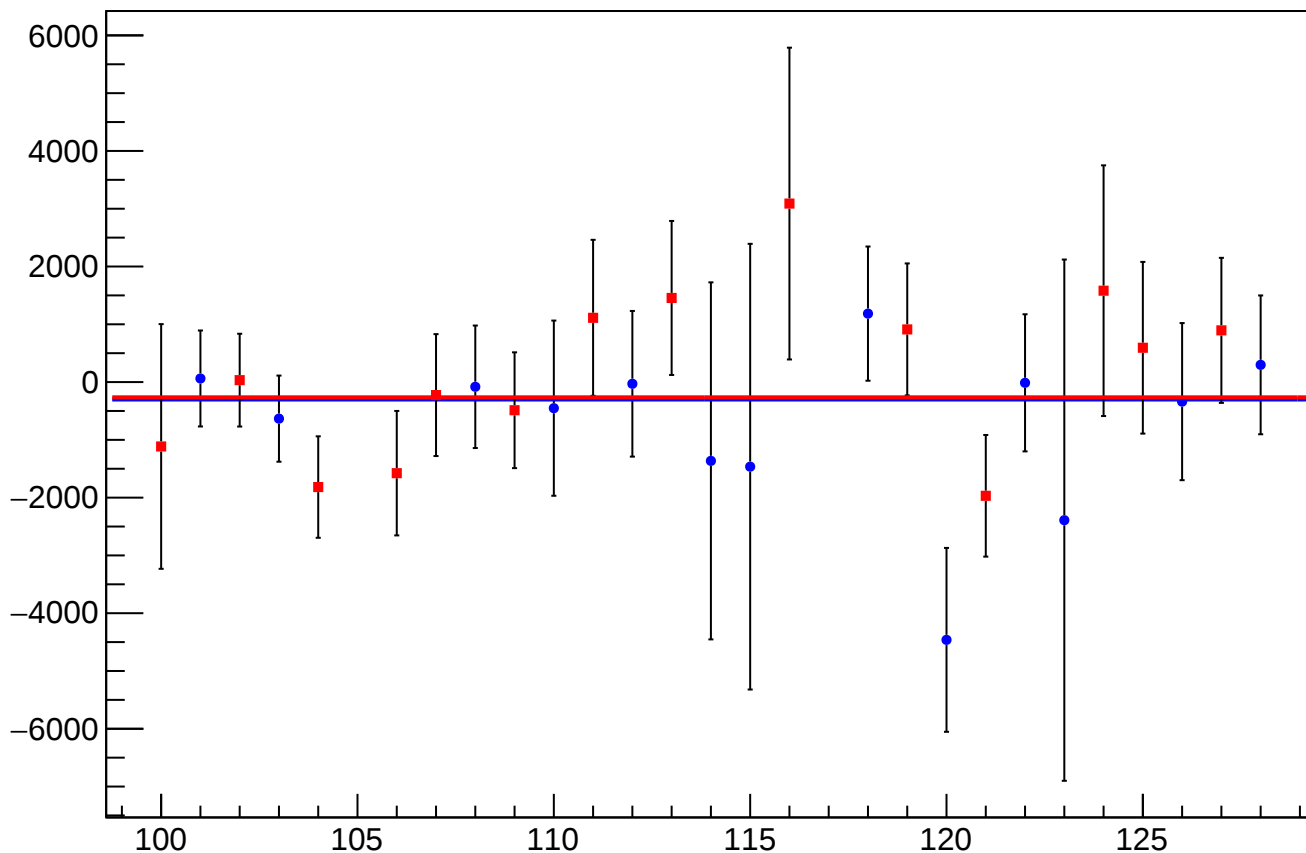
Right: 94.269+/-0.021 χ^2/NDF : 117626.6/26

In: 95.430+/-0.031 χ^2/NDF : 50234.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.269+/-0.021 χ^2/NDF : 117626.6/26

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -301.529+/-342.857 χ^2/NDF : 9.7/12

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

Right Out: -263.767+/-315.492 χ^2/NDF : 14.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

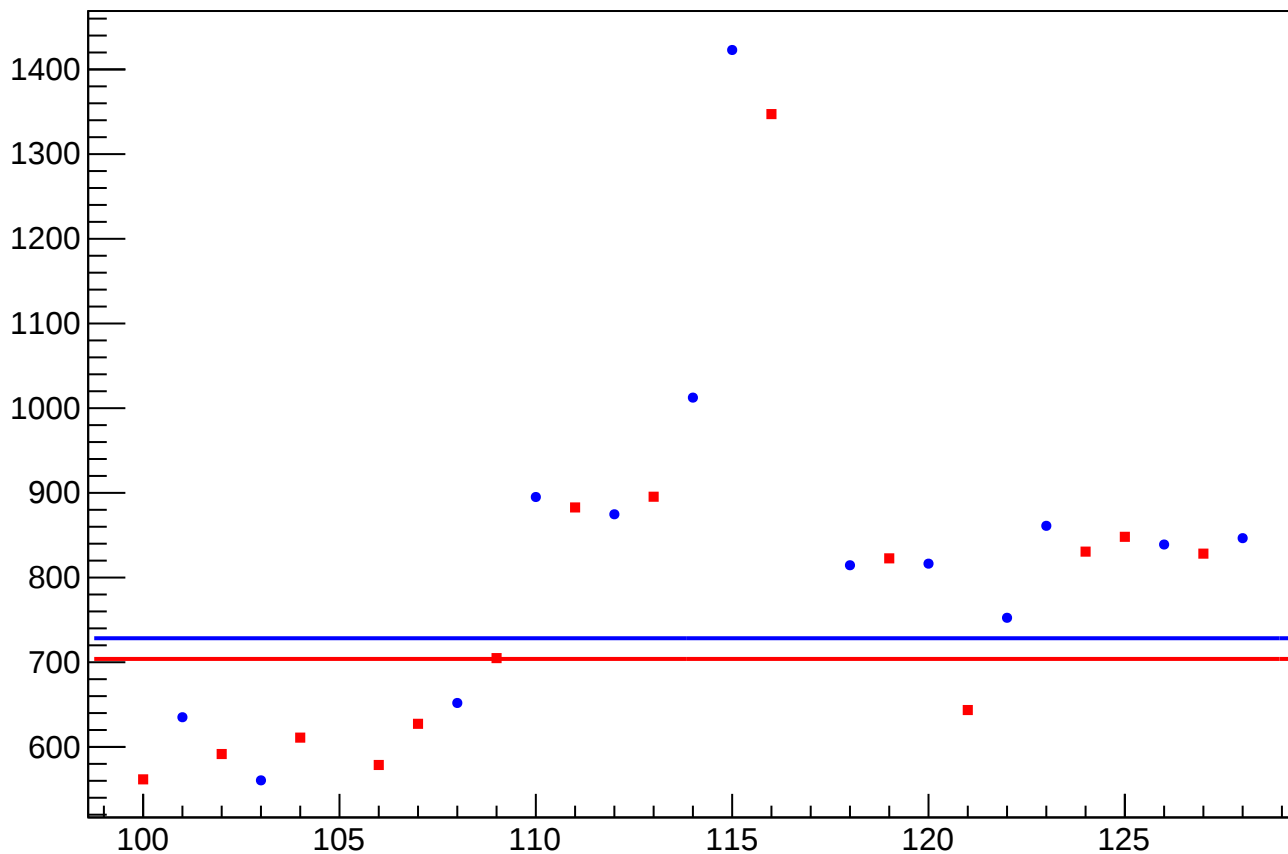
Right: -281.081+/-232.159 χ^2/NDF : 24.5/26

In: -301.529+/-342.857 χ^2/NDF : 9.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -281.081+/-232.159 χ^2/NDF : 24.5/26

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 728.350+/-0.242 χ^2/NDF : 322298.1/12

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

Right Out: 703.916+/-0.223 χ^2/NDF : 371751.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

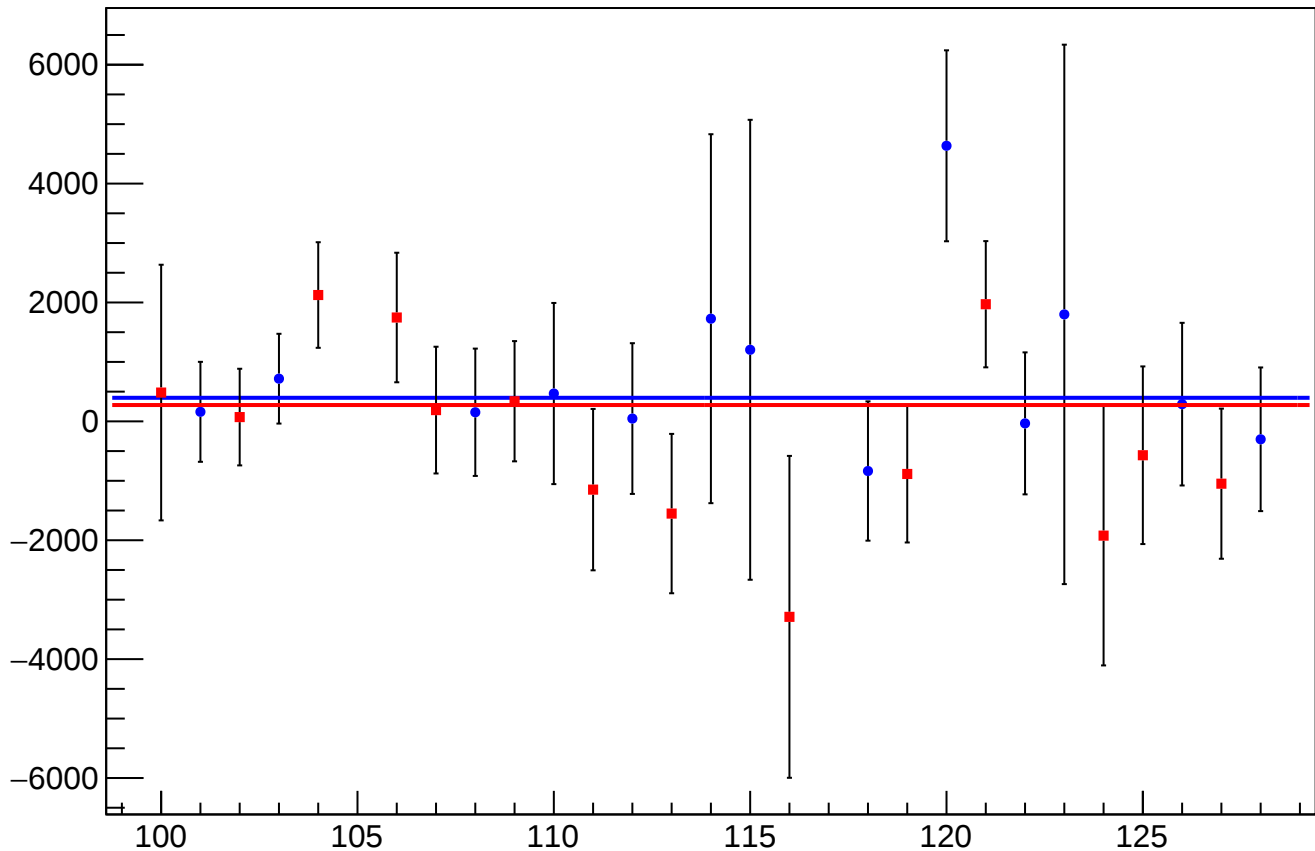
Right: 715.119+/-0.164 χ^2/NDF : 699549.9/26

In: 728.350+/-0.242 χ^2/NDF : 322298.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 715.119+/-0.164 χ^2/NDF : 699549.9/26

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 396.495+/-346.108 χ^2/NDF : 9.3/12

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

Right Out: 274.724+/-318.522 χ^2/NDF : 16.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

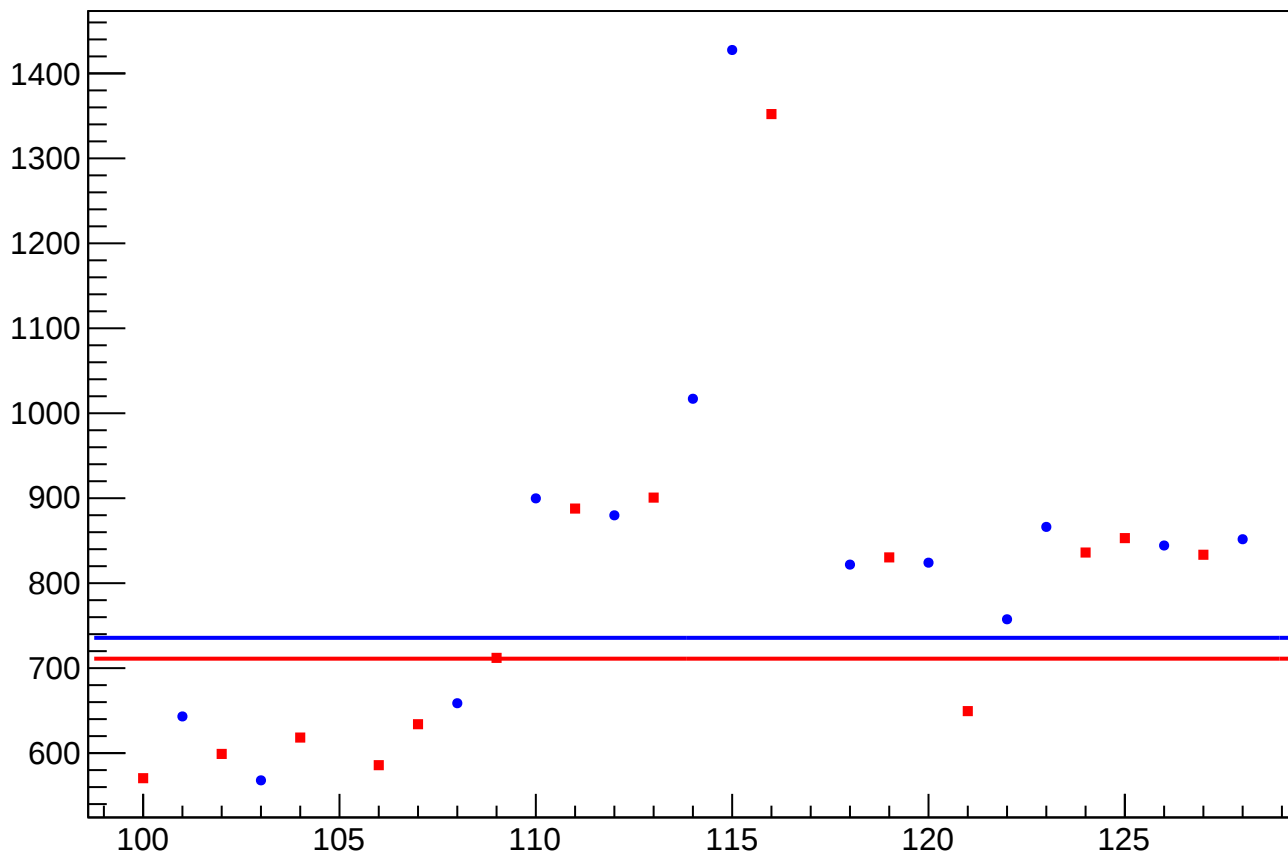
Right: 330.564+/-234.376 χ^2/NDF : 26.3/26

In: 396.495+/-346.108 χ^2/NDF : 9.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 330.564+/-234.376 χ^2/NDF : 26.3/26

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 735.676+/-0.245 χ^2/NDF : 312979.4/12

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

Right Out: 711.141+/-0.225 χ^2/NDF : 362846.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

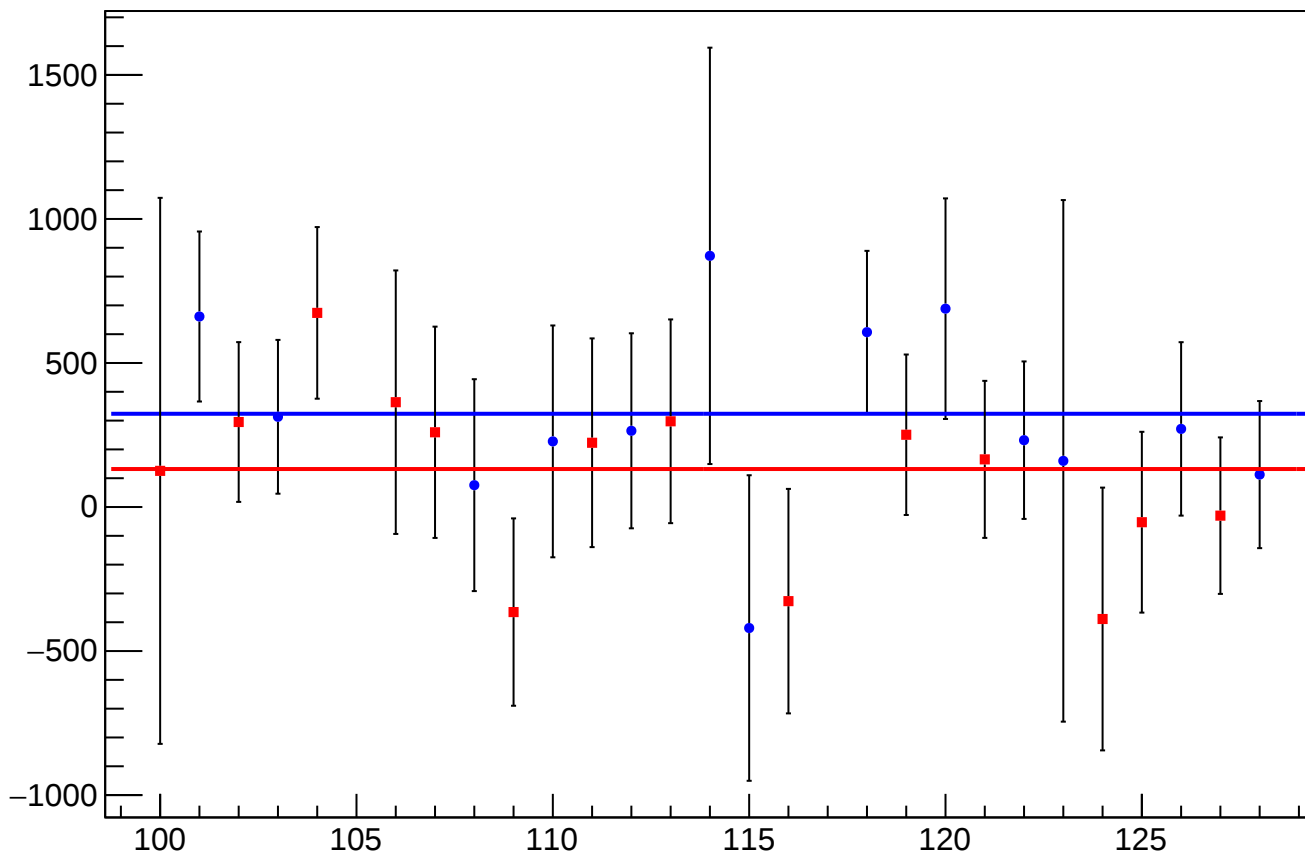
Right: 722.392+/-0.166 χ^2/NDF : 681267.4/26

In: 735.676+/-0.245 χ^2/NDF : 312979.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 722.392+/-0.166 χ^2/NDF : 681267.4/26

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 323.720 ± 93.807 χ^2/NDF : 7.2/12

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

Right Out: 131.899 ± 89.760 χ^2/NDF : 10.2/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

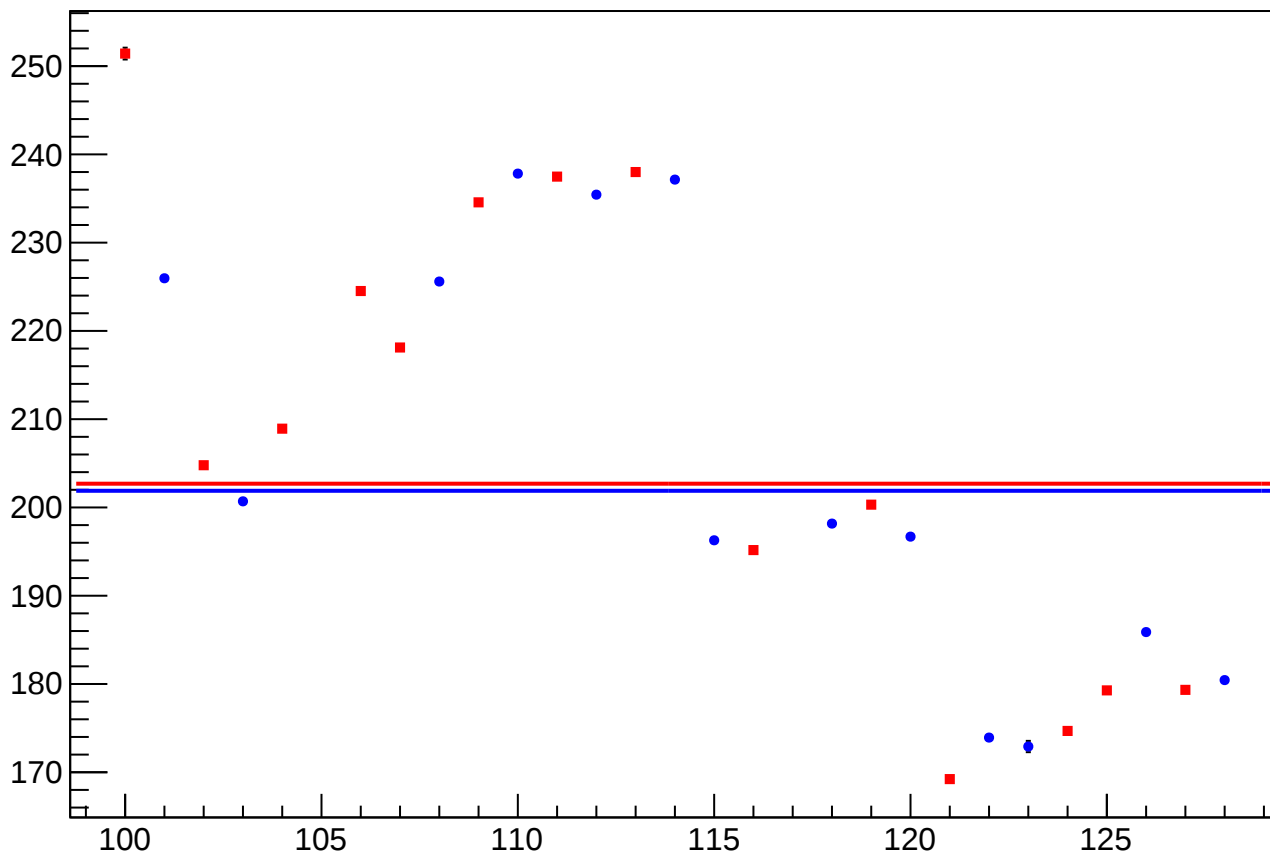
Right: 223.583 ± 64.853 χ^2/NDF : 19.6/26

In: 323.720 ± 93.807 χ^2/NDF : 7.2/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 223.583 ± 64.853 χ^2/NDF : 19.6/26

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 201.888+/-0.066 χ^2/NDF : 105687.2/12

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

Right Out: 202.691+/-0.063 χ^2/NDF : 136467.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

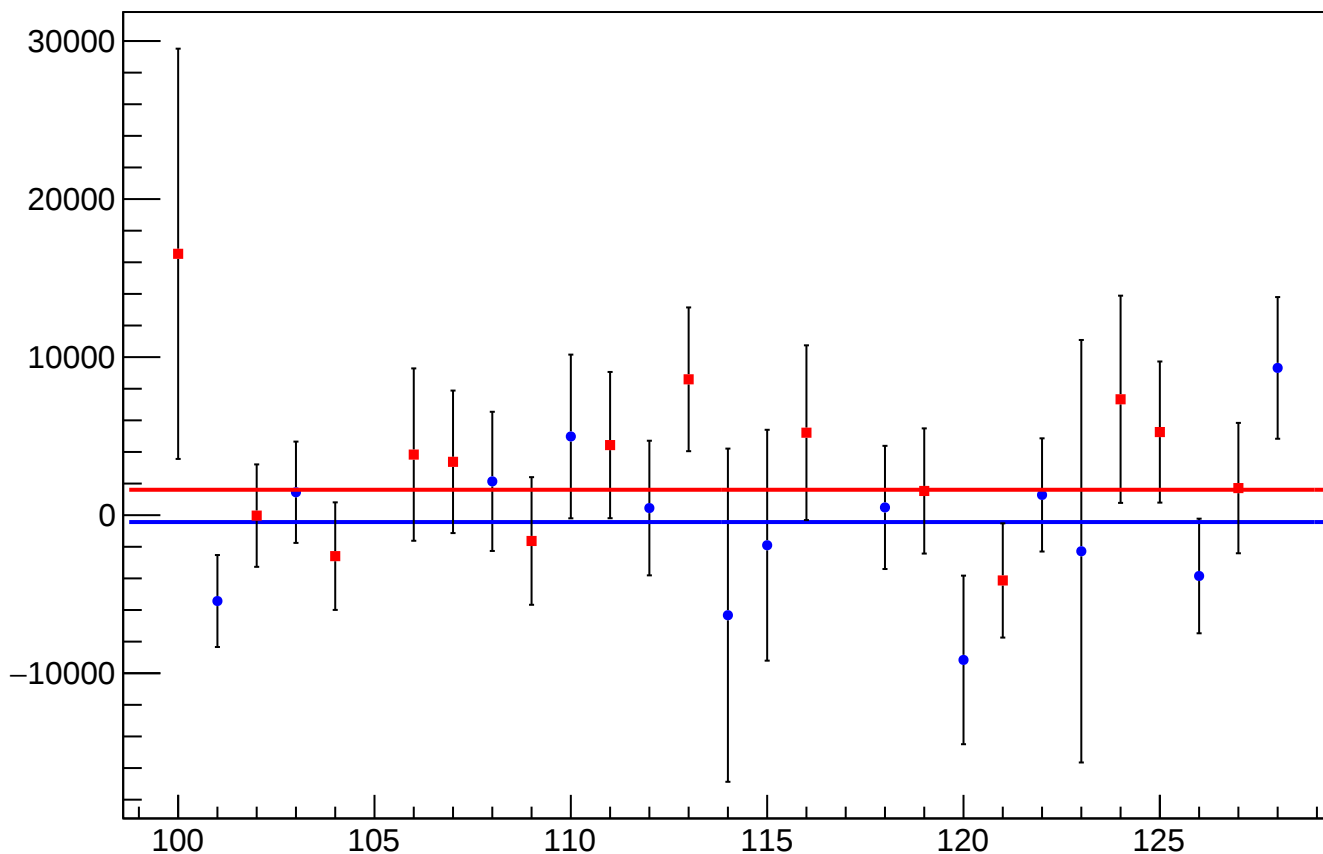
Right: 202.307+/-0.046 χ^2/NDF : 242230.9/26

In: 201.888+/-0.066 χ^2/NDF : 105687.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 202.307+/-0.046 χ^2/NDF : 242230.9/26

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -435.038+/-1197.238 χ^2/NDF : 13.7/12

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

Right Out: 1607.717+/-1168.817 χ^2/NDF : 11.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

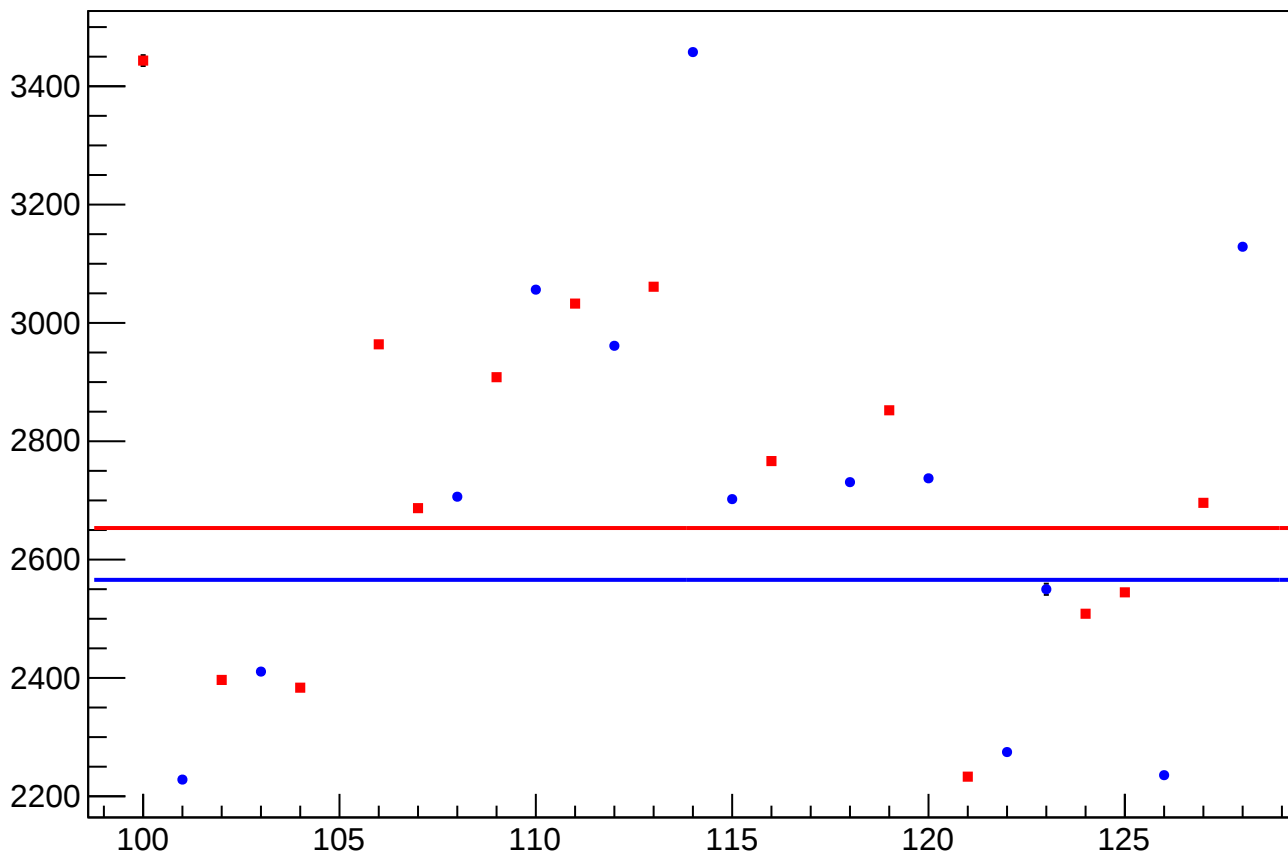
Right: 610.874+/-836.346 χ^2/NDF : 26.4/26

In: -435.038+/-1197.238 χ^2/NDF : 13.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 610.874+/-836.346 χ^2/NDF : 26.4/26

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2565.774+/-0.847 χ^2/NDF : 150848.5/12

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

Right Out: 2653.366+/-0.826 χ^2/NDF : 111923.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

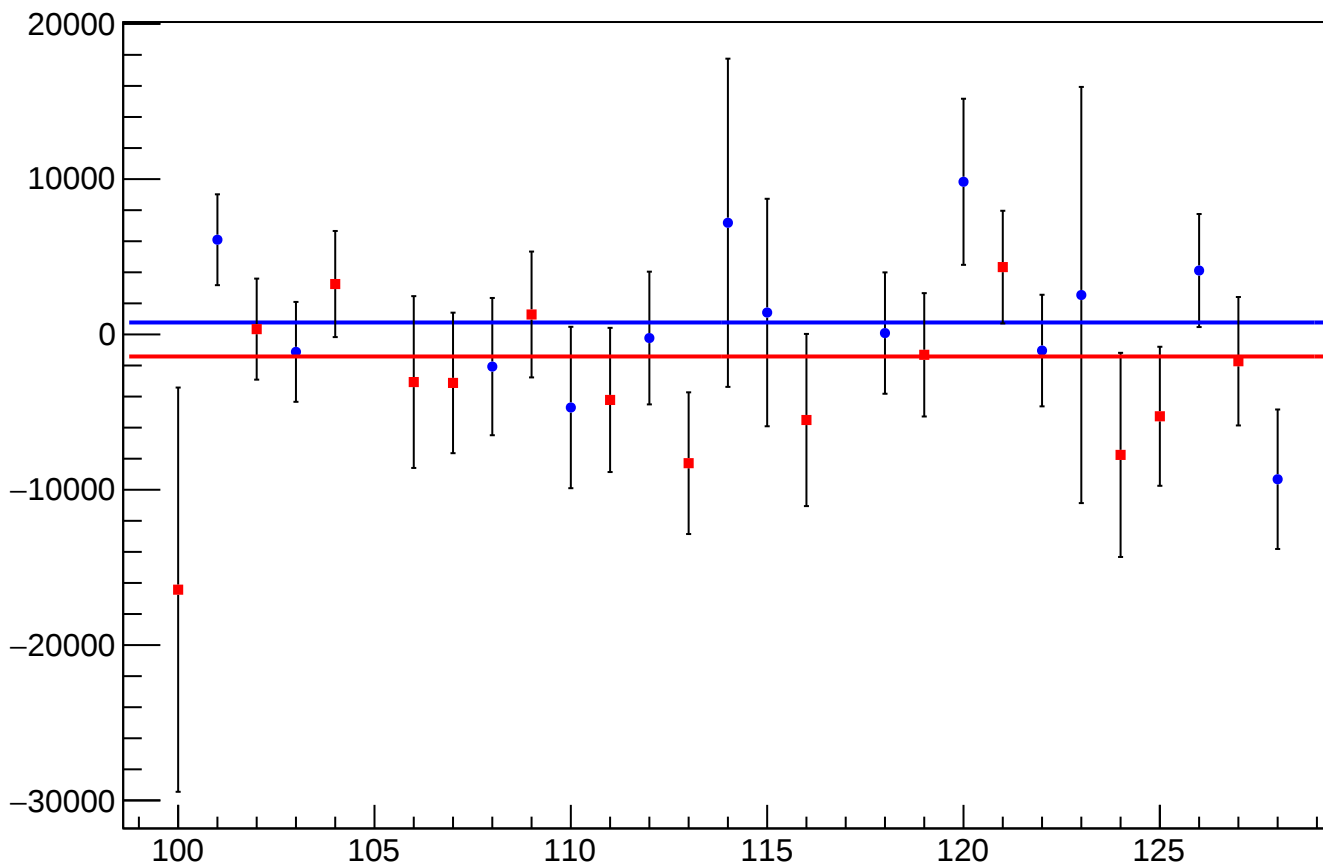
Right: 2610.622+/-0.591 χ^2/NDF : 268253.6/26

In: 2565.774+/-0.847 χ^2/NDF : 150848.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2610.622+/-0.591 χ^2/NDF : 268253.6/26

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 769.898 $\pm$ 1201.293 χ^2 /NDF: 14.7/12

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

Right Out: -1419.276 $\pm$ 1173.029 χ^2 /NDF: 11.5/13

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

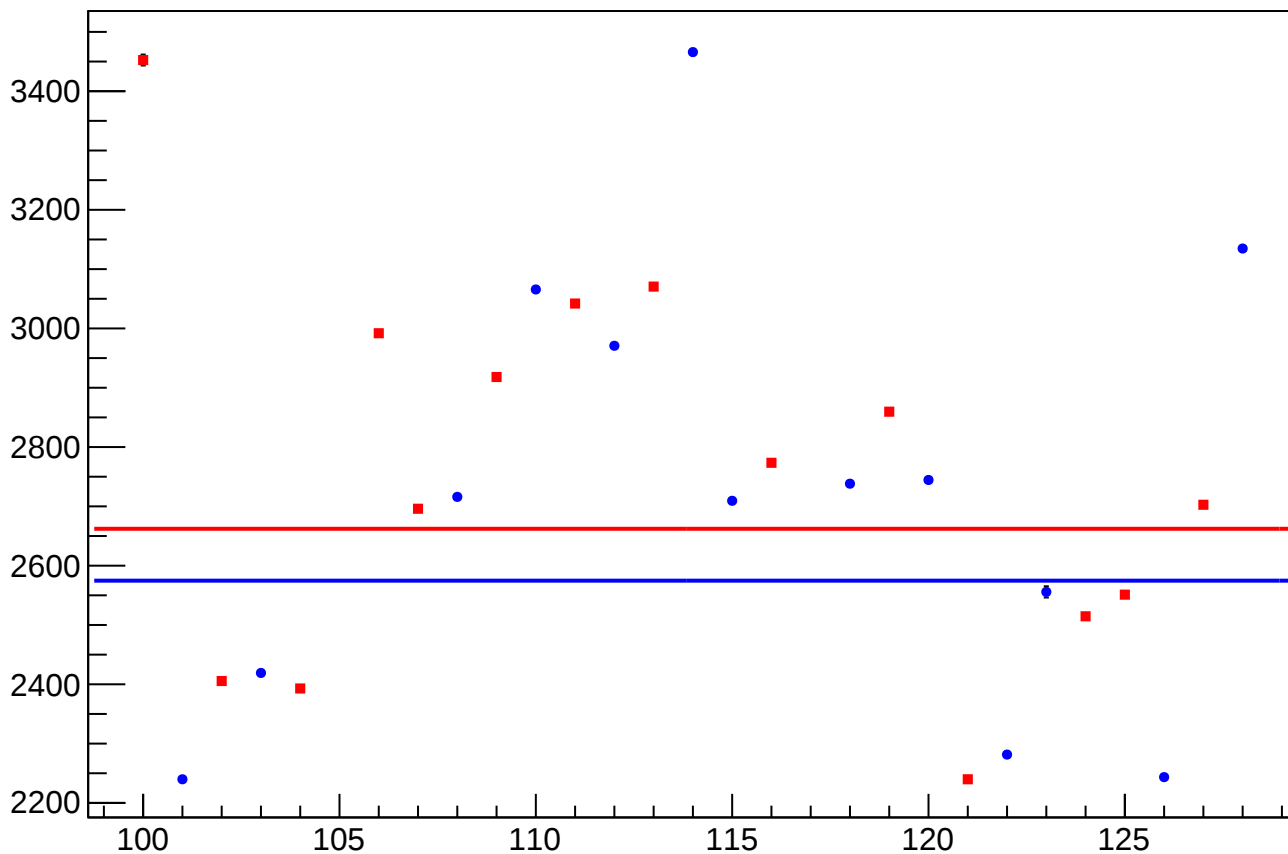
Right: -350.745 $\pm$ 839.271 χ^2 /NDF: 27.9/26

In: 769.898 $\pm$ 1201.293 χ^2 /NDF:14.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -350.745 $\pm$ 839.271 χ^2 /NDF: 27.9/26

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2574.716+/-0.849 χ^2/NDF : 149434.9/12

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

Right Out: 2662.224+/-0.829 χ^2/NDF : 112209.1/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

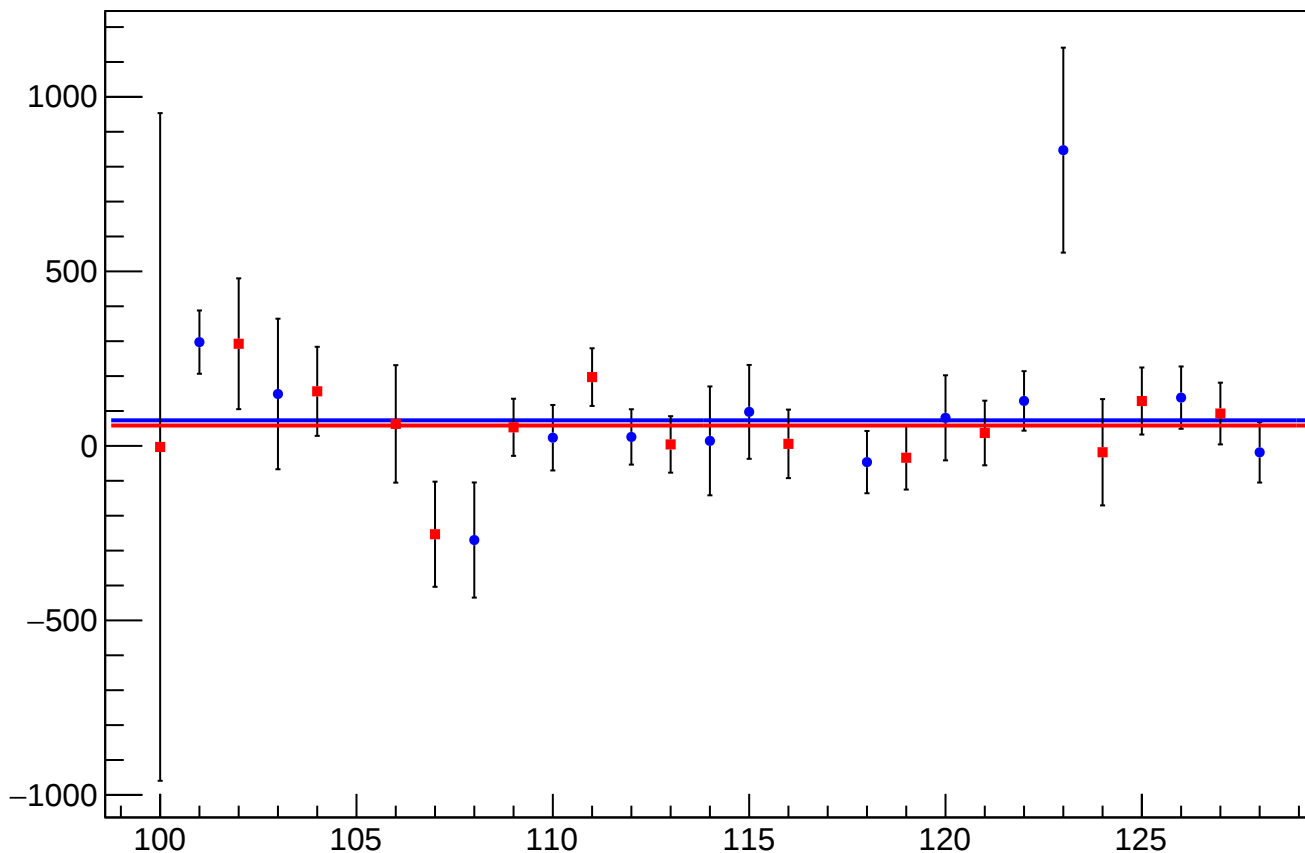
Right: 2619.512+/-0.593 χ^2/NDF : 267076.7/26

In: 2574.716+/-0.849 χ^2/NDF :149434.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2619.512+/-0.593 χ^2/NDF : 267076.7/26

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 73.224 $\pm$ 29.493 χ^2 /NDF: 22.2/12

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

Right Out: 58.381 $\pm$ 28.410 χ^2 /NDF: 12.0/13

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

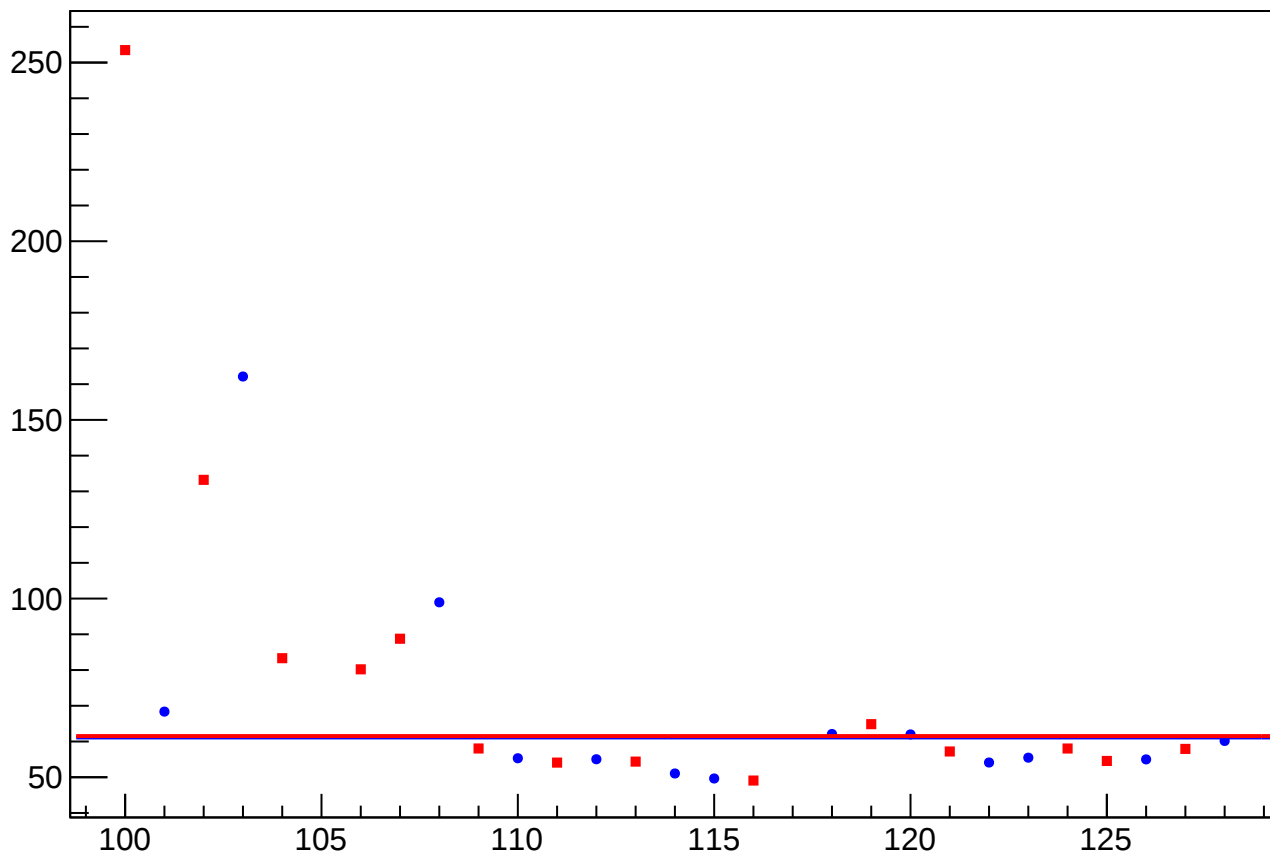
Right: 65.525 $\pm$ 20.461 χ^2 /NDF: 34.3/26

In: 73.224 $\pm$ 29.493 χ^2 /NDF:22.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 65.525 $\pm$ 20.461 χ^2 /NDF: 34.3/26

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 61.141+/-0.021 χ^2/NDF : 623250.0/12

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

Right Out: 61.515+/-0.020 χ^2/NDF : 611188.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

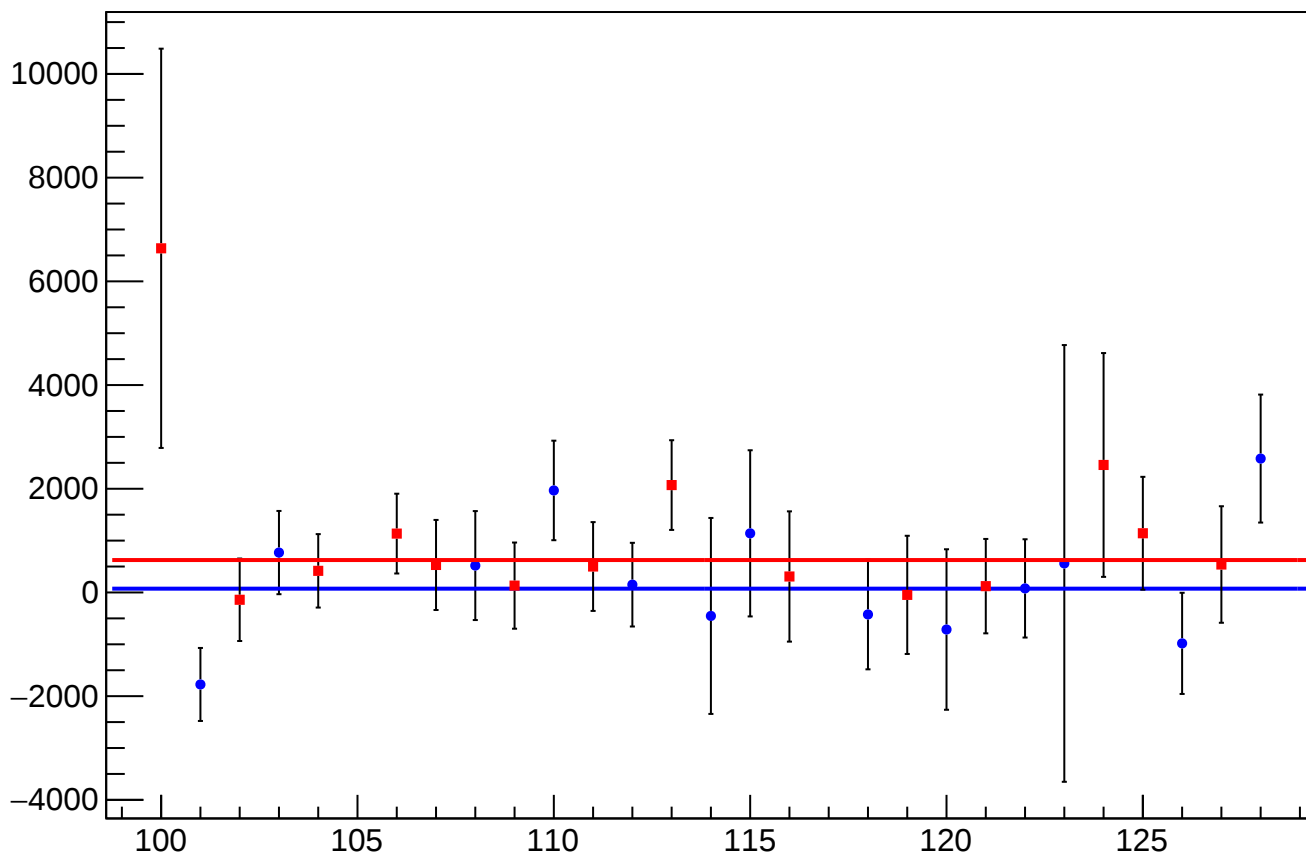
Right: 61.335+/-0.014 χ^2/NDF : 1234606.4/26

In: 61.141+/-0.021 χ^2/NDF : 623250.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.335+/-0.014 χ^2/NDF : 1234606.4/26

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 73.151+/-289.246 χ^2/NDF : 18.0/12

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

Right Out: 625.097+/-255.930 χ^2/NDF : 8.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

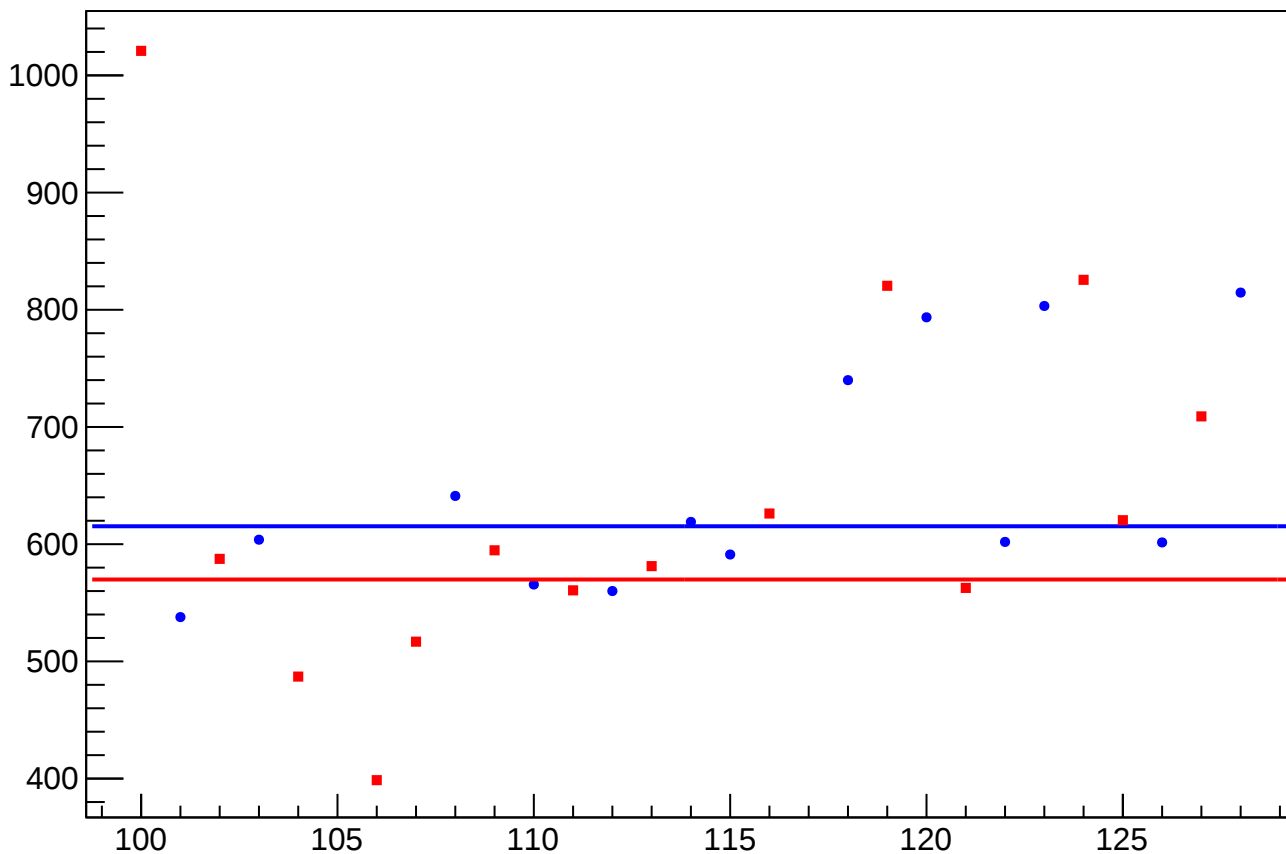
Right: 382.728+/-191.671 χ^2/NDF : 28.8/26

In: 73.151+/-289.246 χ^2/NDF : 18.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 382.728+/-191.671 χ^2/NDF : 28.8/26

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 615.291+/-0.205 χ^2/NDF : 152317.5/12

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

Right Out: 569.873+/-0.181 χ^2/NDF : 328585.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

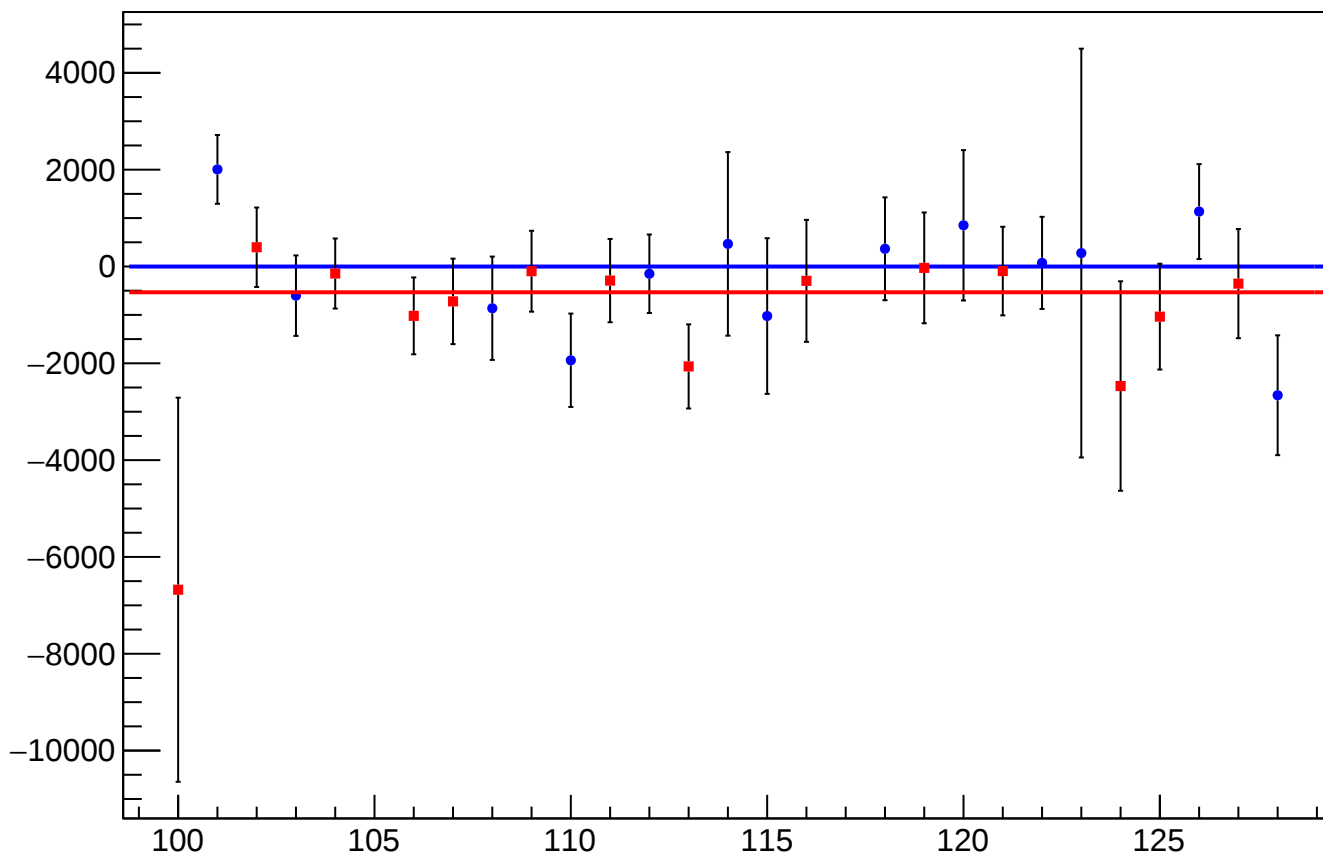
Right: 589.817+/-0.136 χ^2/NDF : 508561.6/26

In: 615.291+/-0.205 χ^2/NDF : 152317.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 589.817+/-0.136 χ^2/NDF : 508561.6/26

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: -0.960 ± 292.075 $\chi^2/\text{NDF}: 20.1/12$

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

Right Out: -532.827 ± 259.396 $\chi^2/\text{NDF}: 9.3/13$

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

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

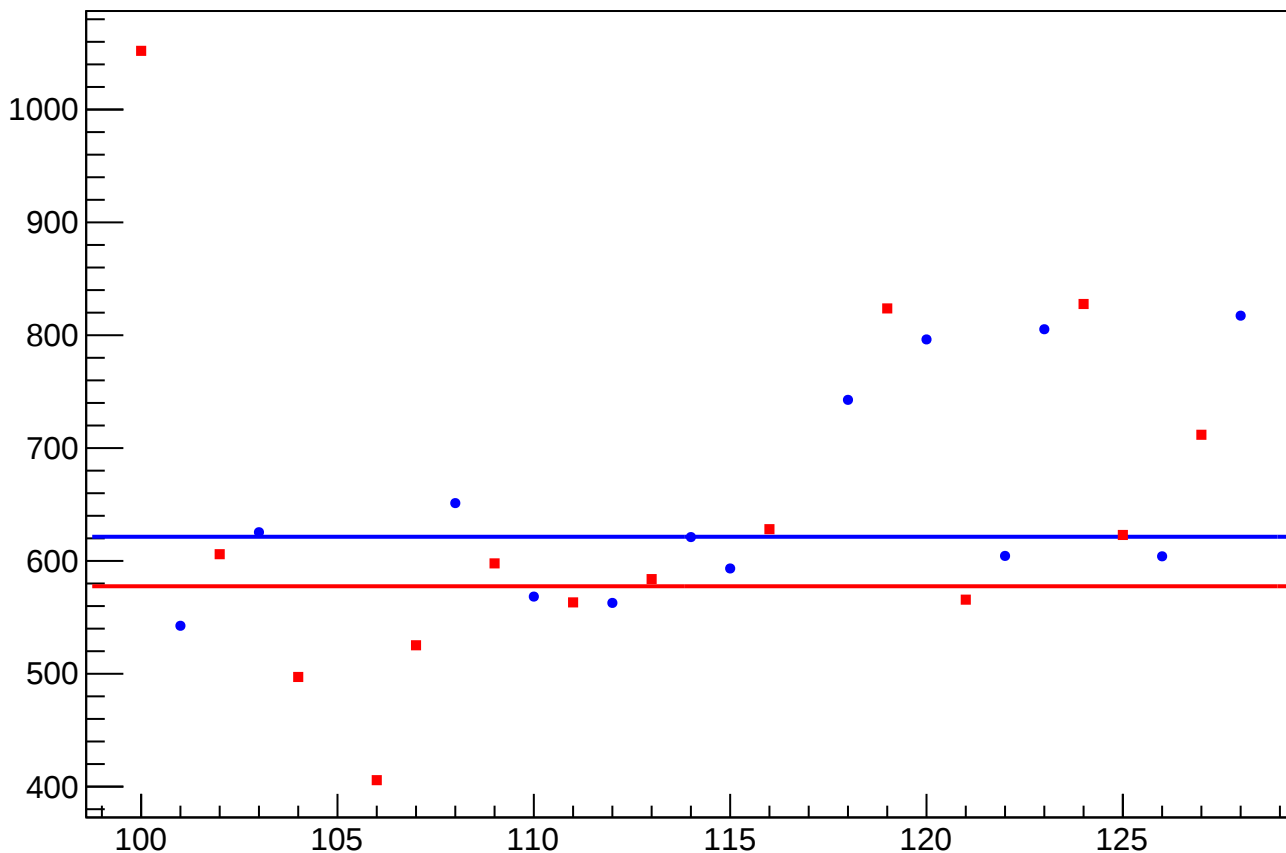
Right: -298.301 ± 193.949 $\chi^2/\text{NDF}: 31.3/26$

In: -0.960 ± 292.075 $\chi^2/\text{NDF}: 20.1/12$

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

All: -298.301 ± 193.949 $\chi^2/\text{NDF}: 31.3/26$

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 621.417+/-0.207 χ^2/NDF : 149963.7/12

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

Right Out: 577.555+/-0.183 χ^2/NDF : 312868.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

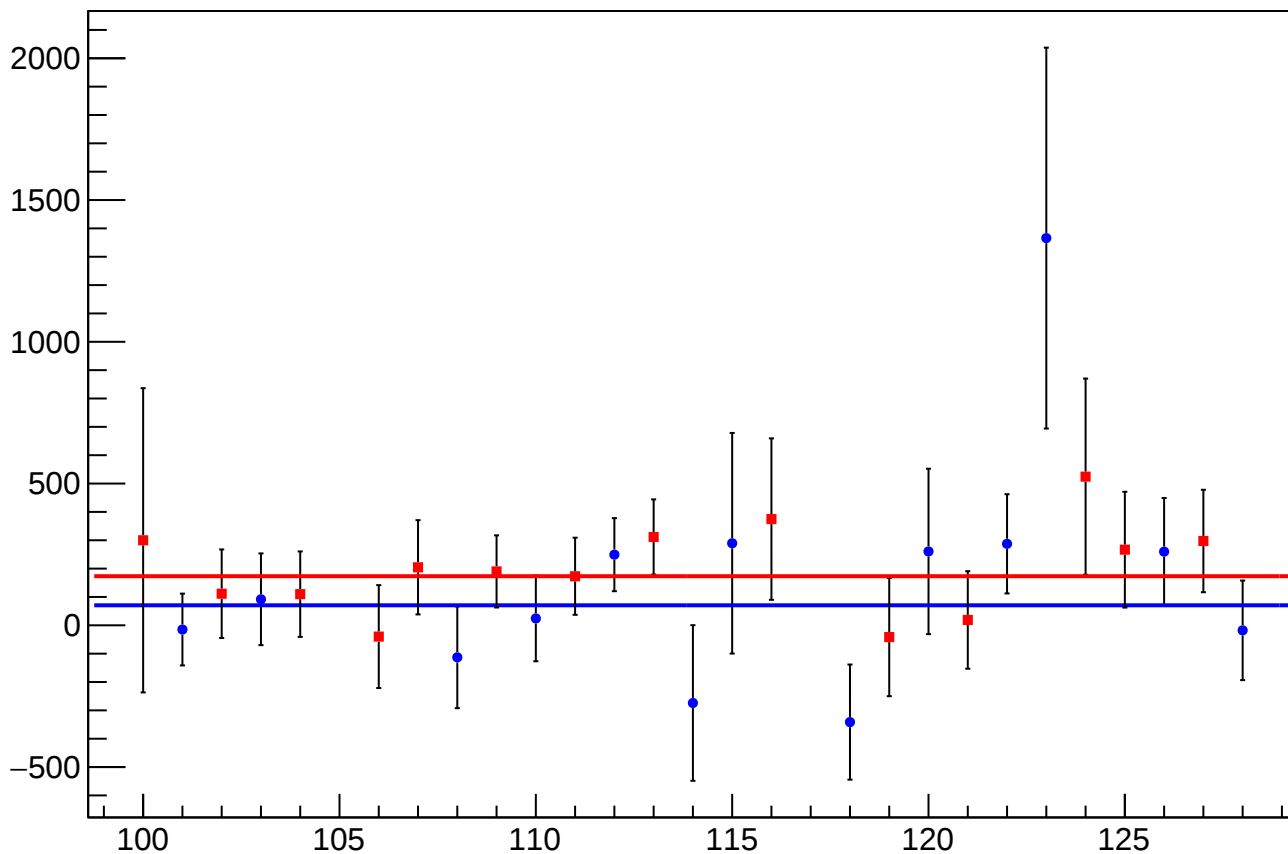
Right: 596.896+/-0.137 χ^2/NDF : 488047.8/26

In: 621.417+/-0.207 χ^2/NDF : 149963.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 596.896+/-0.137 χ^2/NDF : 488047.8/26

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 70.584+/-50.846 χ^2/NDF : 16.5/12

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

Right Out: 173.209+/-46.628 χ^2/NDF : 7.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

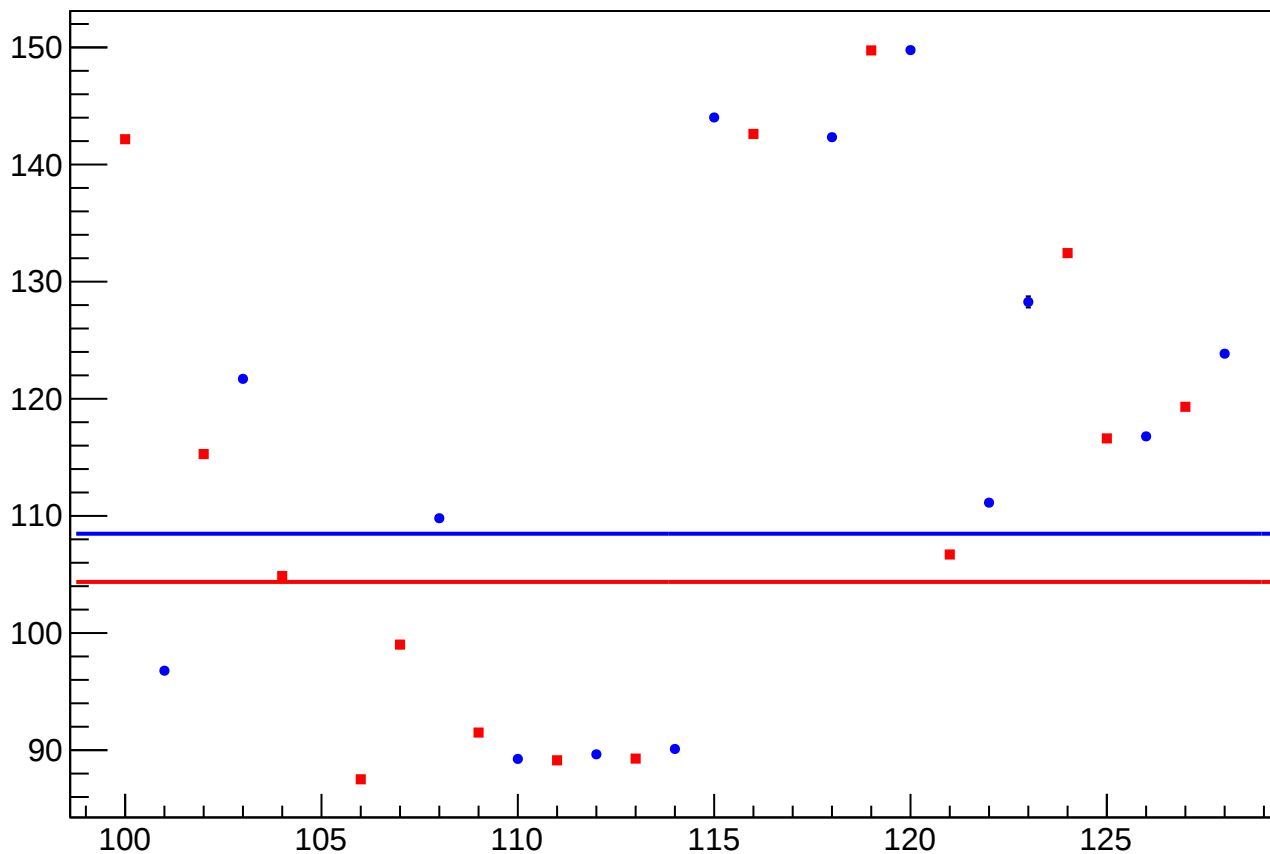
Right: 126.329+/-34.366 χ^2/NDF : 25.7/26

In: 70.584+/-50.846 χ^2/NDF : 16.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.329+/-34.366 χ^2/NDF : 25.7/26

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 108.479+/-0.036 χ^2/NDF : 248335.8/12

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

Right Out: 104.363+/-0.033 χ^2/NDF : 275708.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

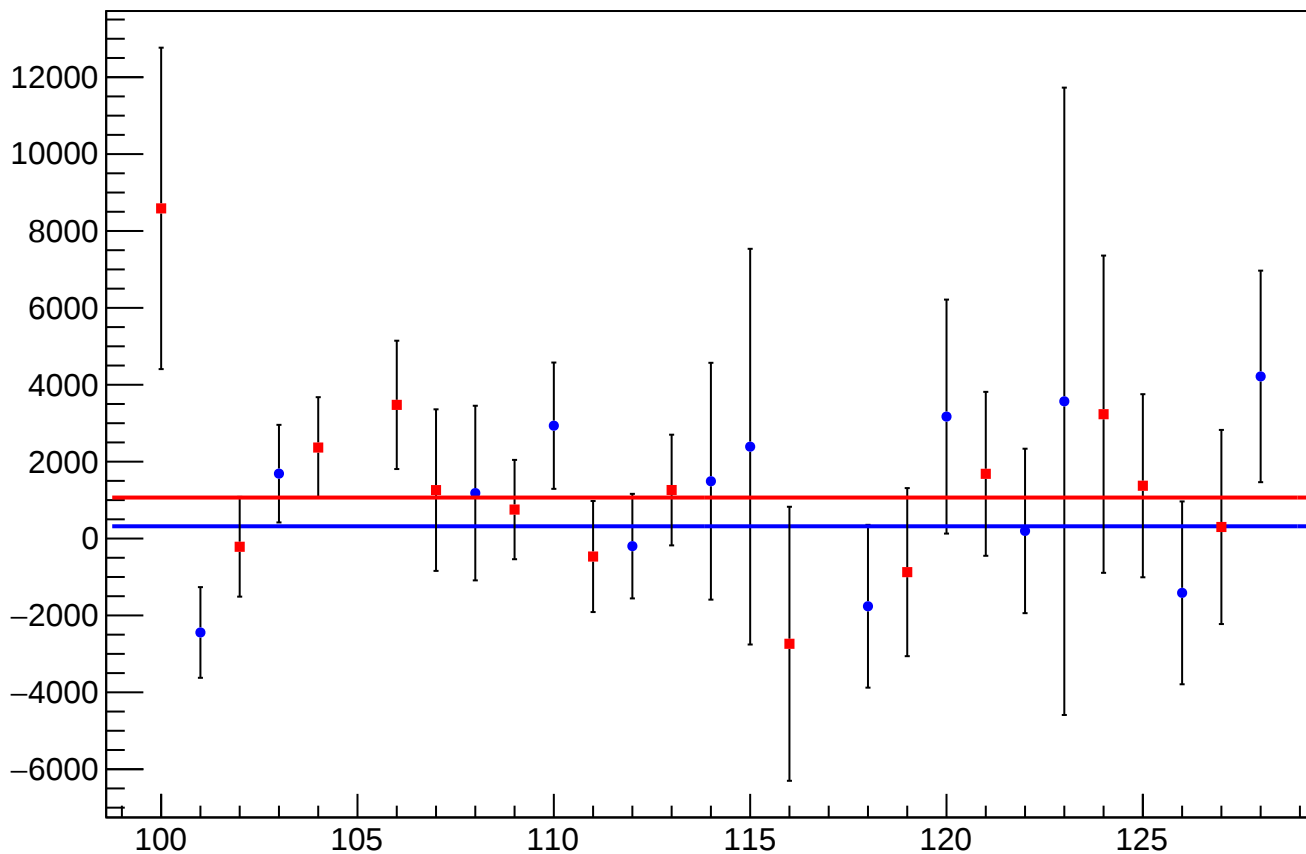
Right: 106.243+/-0.024 χ^2/NDF : 531166.0/26

In: 108.479+/-0.036 χ^2/NDF : 248335.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.243+/-0.024 χ^2/NDF : 531166.0/26

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 318.837 $\pm$ 537.454 χ^2 /NDF: 14.3/12

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

Right Out: 1066.328 $\pm$ 483.309 χ^2 /NDF: 10.9/13

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

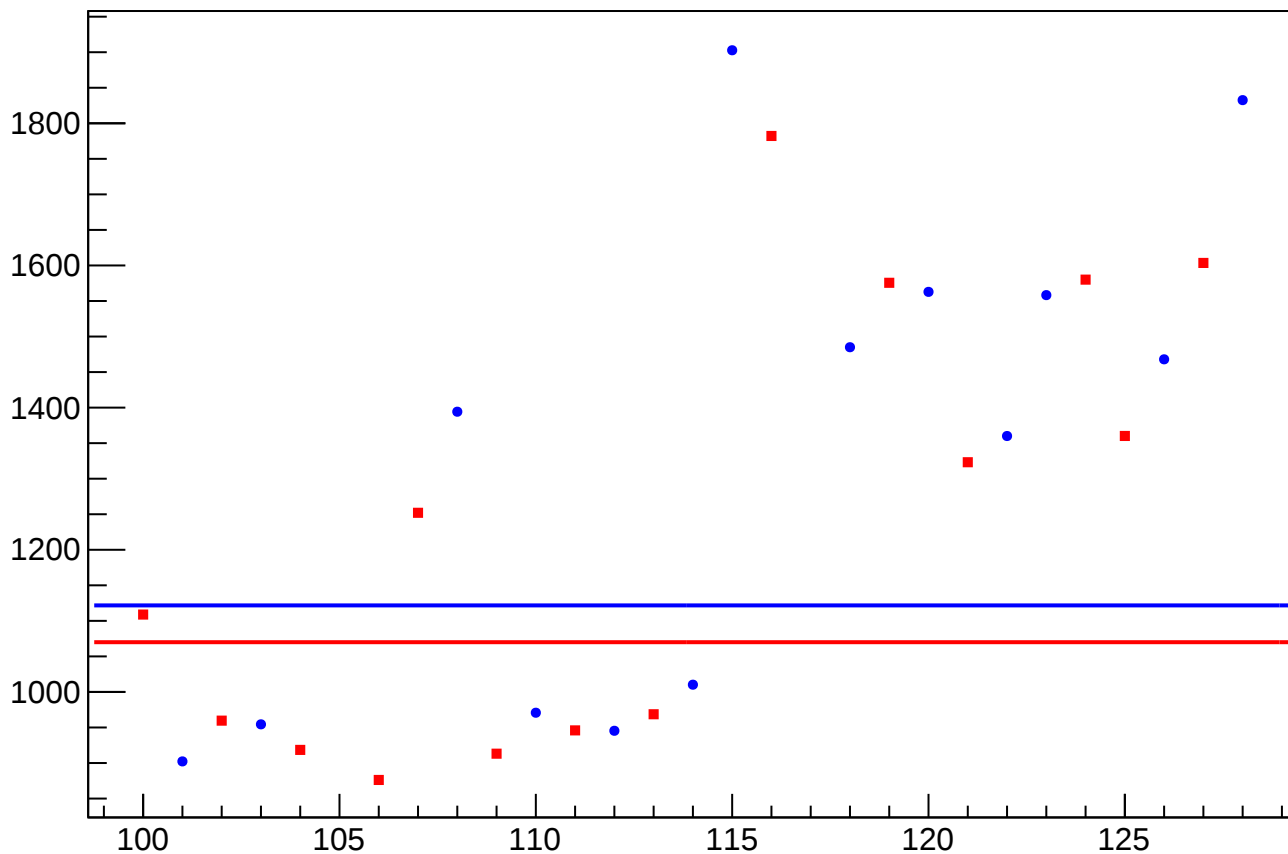
Right: 732.121 $\pm$ 359.374 χ^2 /NDF: 26.3/26

In: 318.837 $\pm$ 537.454 χ^2 /NDF:14.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 732.121 $\pm$ 359.374 χ^2 /NDF: 26.3/26

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1121.753+/-0.380 χ^2/NDF : 539395.3/12

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

Right Out: 1069.984+/-0.342 χ^2/NDF : 502216.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

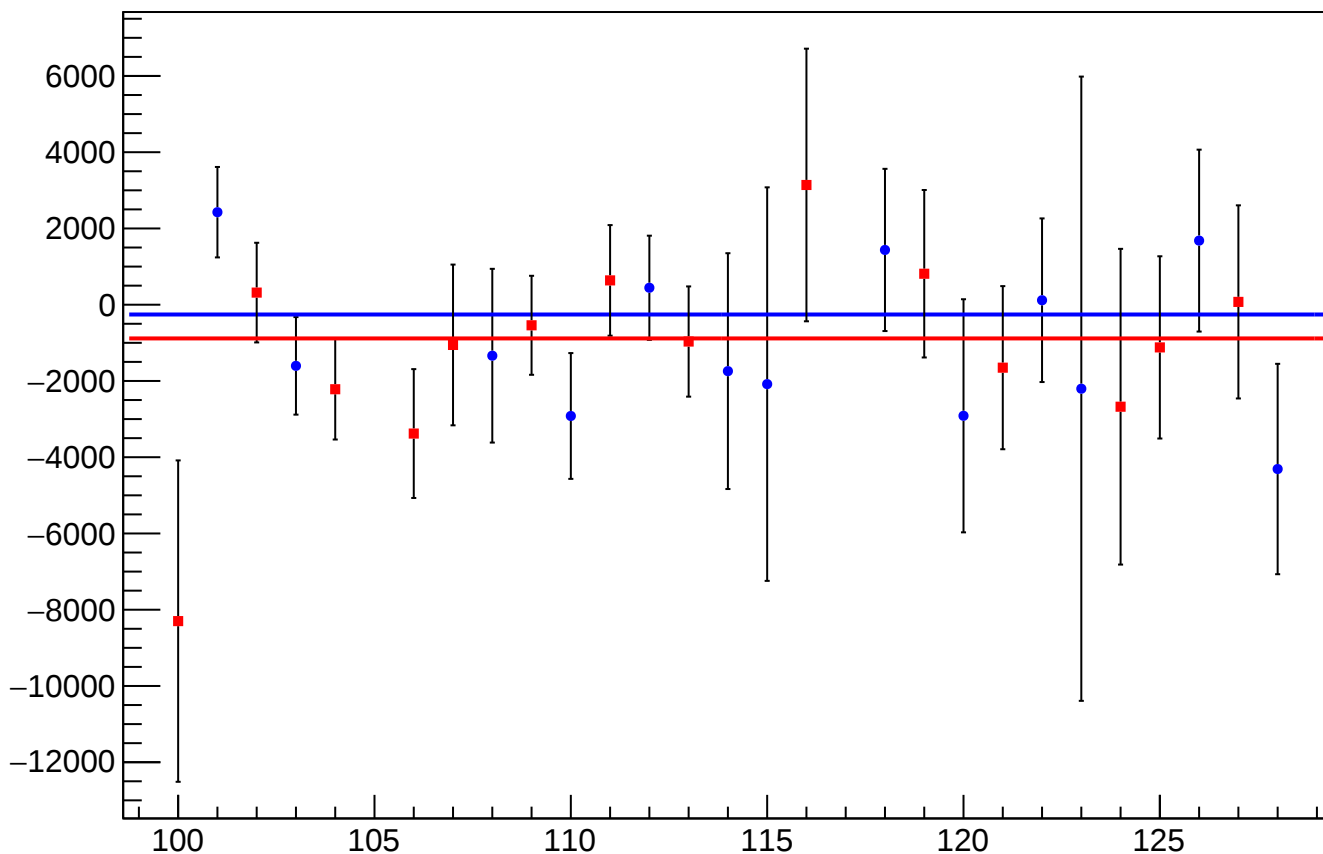
Right: 1093.130+/-0.254 χ^2/NDF : 1051871.4/26

In: 1121.753+/-0.380 χ^2/NDF : 539395.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1093.130+/-0.254 χ^2/NDF : 1051871.4/26

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -256.796+/-540.198 χ^2/NDF : 14.0/12

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

Right Out: -884.480+/-486.103 χ^2/NDF : 10.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

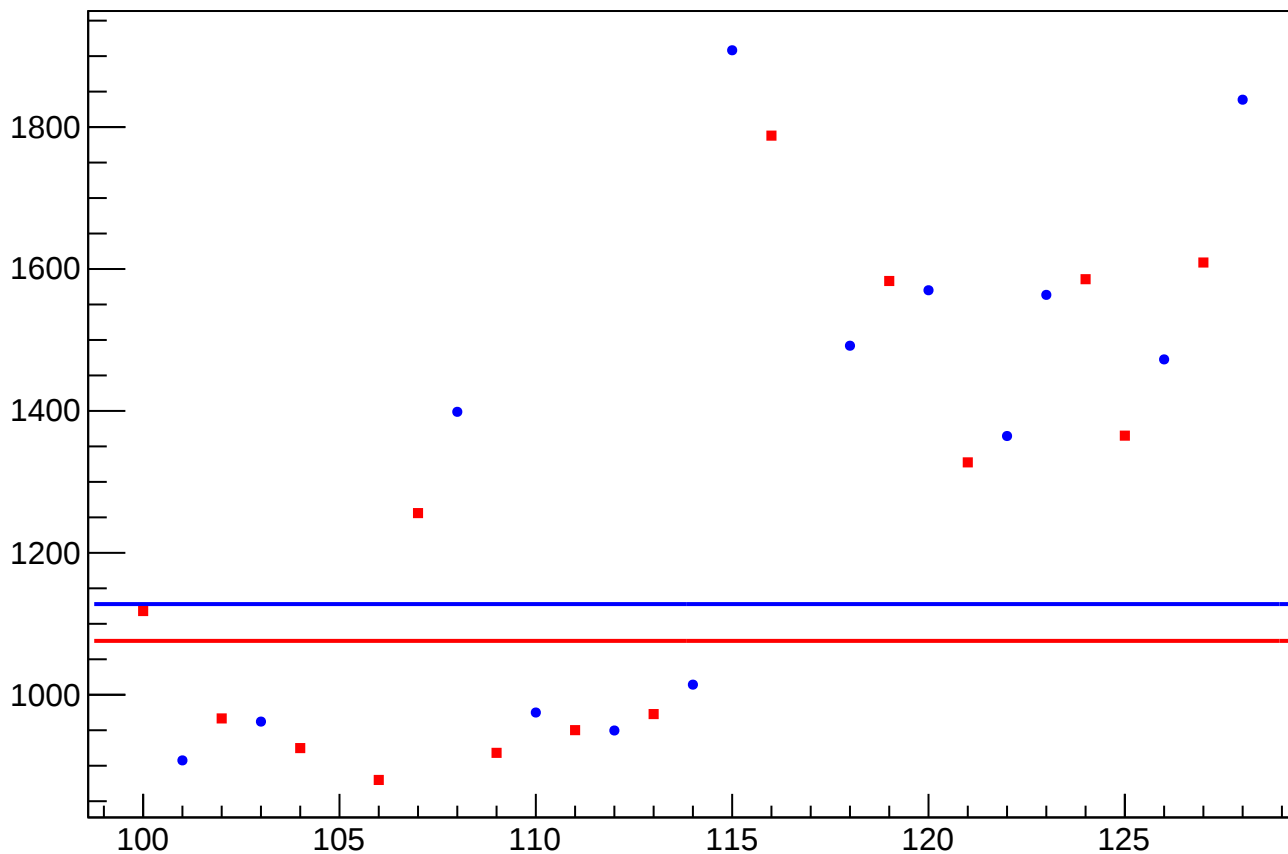
Right: -603.630+/-361.343 χ^2/NDF : 25.4/26

In: -256.796+/-540.198 χ^2/NDF : 14.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -603.630+/-361.343 χ^2/NDF : 25.4/26

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1127.792+/-0.382 χ^2/NDF : 535373.6/12

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

Right Out: 1075.937+/-0.344 χ^2/NDF : 498519.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

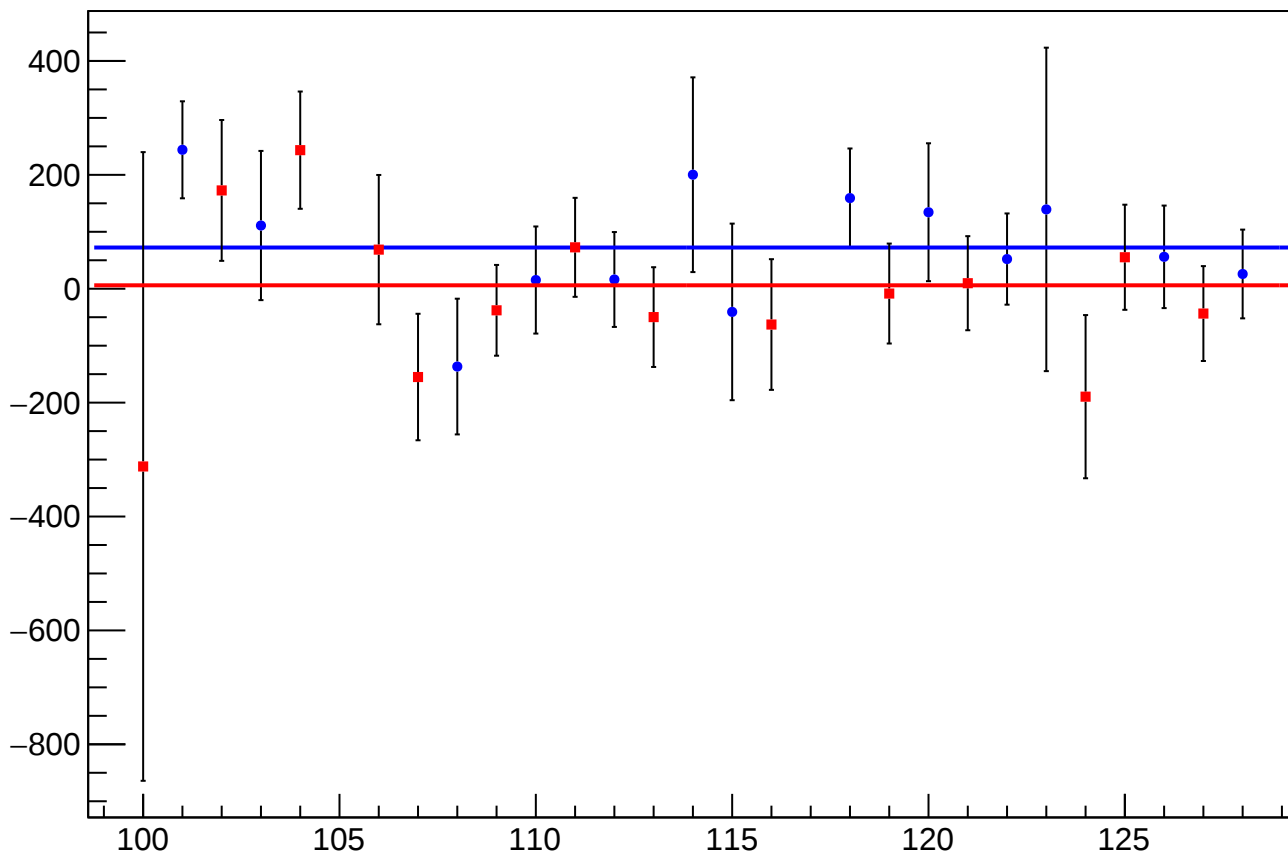
Right: 1099.139+/-0.256 χ^2/NDF : 1044075.8/26

In: 1127.792+/-0.382 χ^2/NDF : 535373.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1099.139+/-0.256 χ^2/NDF : 1044075.8/26

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 72.381+/-28.216 χ^2/NDF : 10.9/12

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

Right Out: 6.030+/-26.872 χ^2/NDF : 14.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

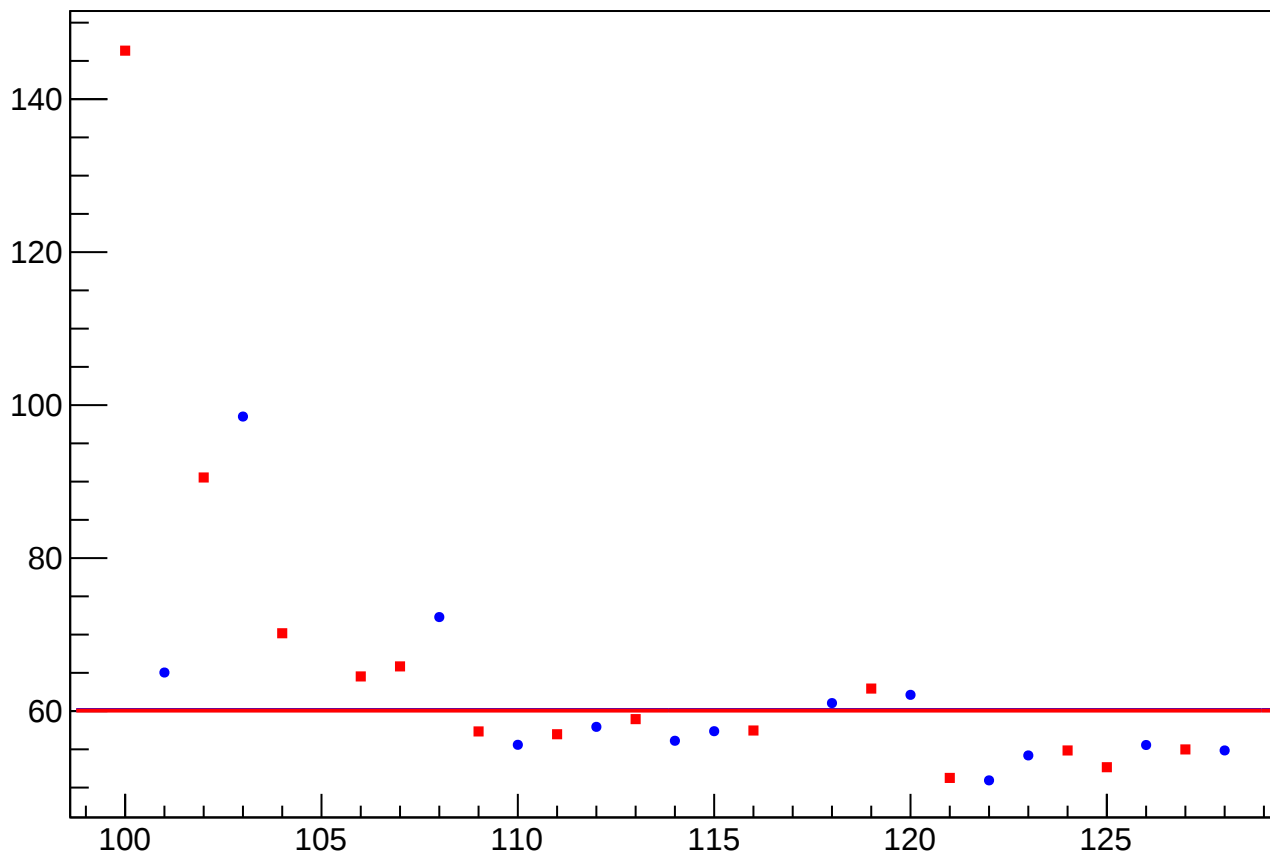
Right: 37.587+/-19.459 χ^2/NDF : 27.8/26

In: 72.381+/-28.216 χ^2/NDF : 10.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.587+/-19.459 χ^2/NDF : 27.8/26

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 60.137+/-0.020 χ^2/NDF : 249144.2/12

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

Right Out: 60.070+/-0.019 χ^2/NDF : 251345.6/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

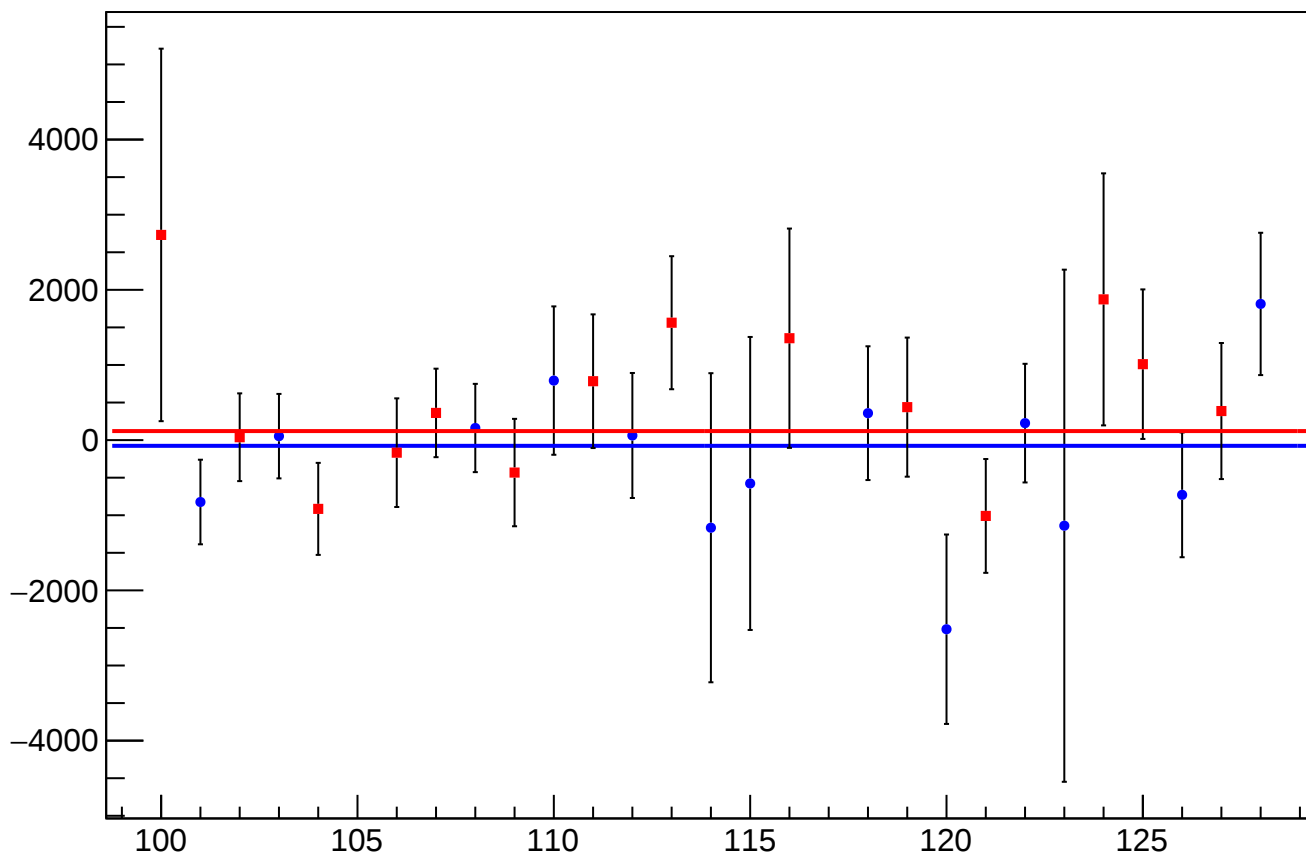
Right: 60.102+/-0.014 χ^2/NDF : 500495.8/26

In: 60.137+/-0.020 χ^2/NDF :249144.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 60.102+/-0.014 χ^2/NDF : 500495.8/26

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -76.133 ± 233.537 $\chi^2/\text{NDF}: 12.0/12$

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

Right Out: 120.168 ± 218.116 $\chi^2/\text{NDF}: 13.2/13$

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

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

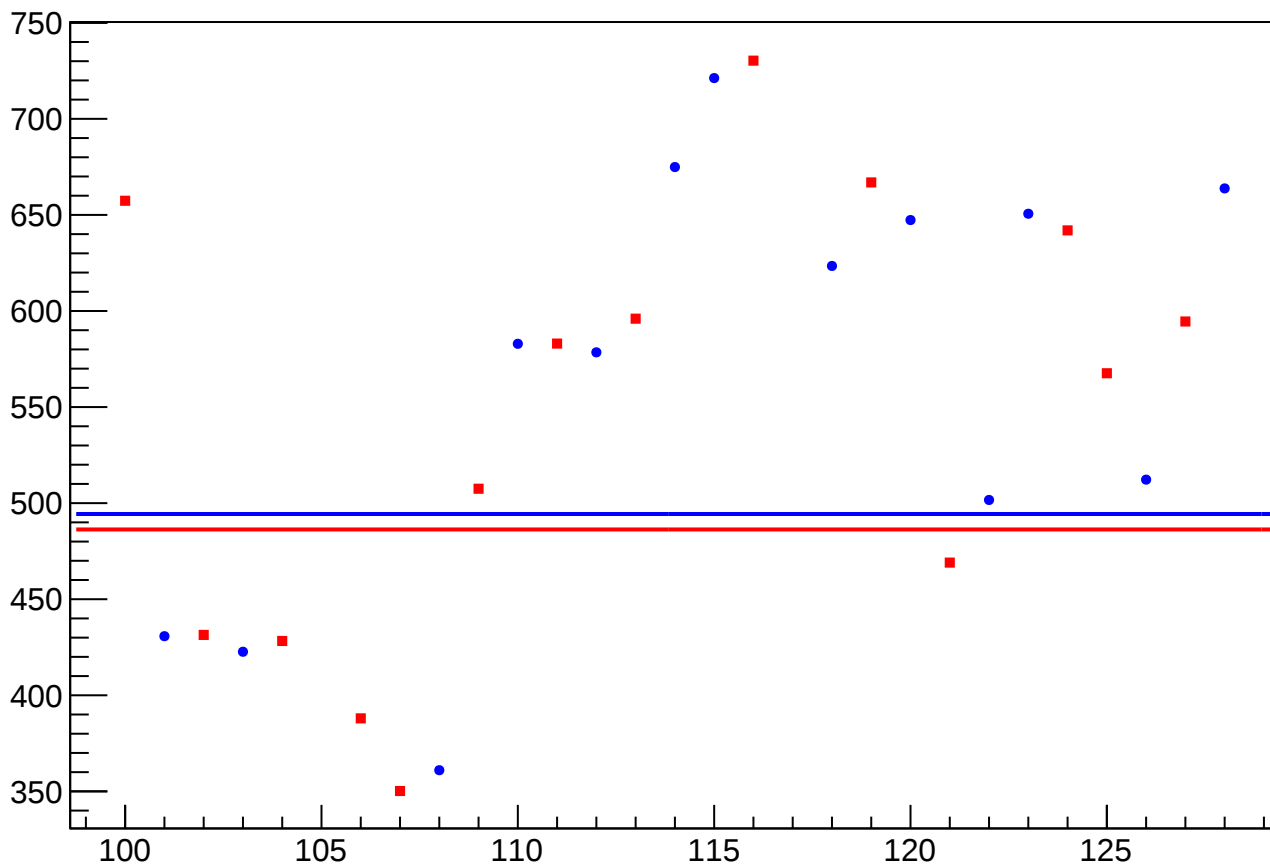
Right: 28.712 ± 159.404 $\chi^2/\text{NDF}: 25.5/26$

In: -76.133 ± 233.537 $\chi^2/\text{NDF}: 12.0/12$

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

All: 28.712 ± 159.404 $\chi^2/\text{NDF}: 25.5/26$

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 494.348+/-0.165 χ^2/NDF : 380968.6/12

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

Right Out: 486.303+/-0.154 χ^2/NDF : 437296.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

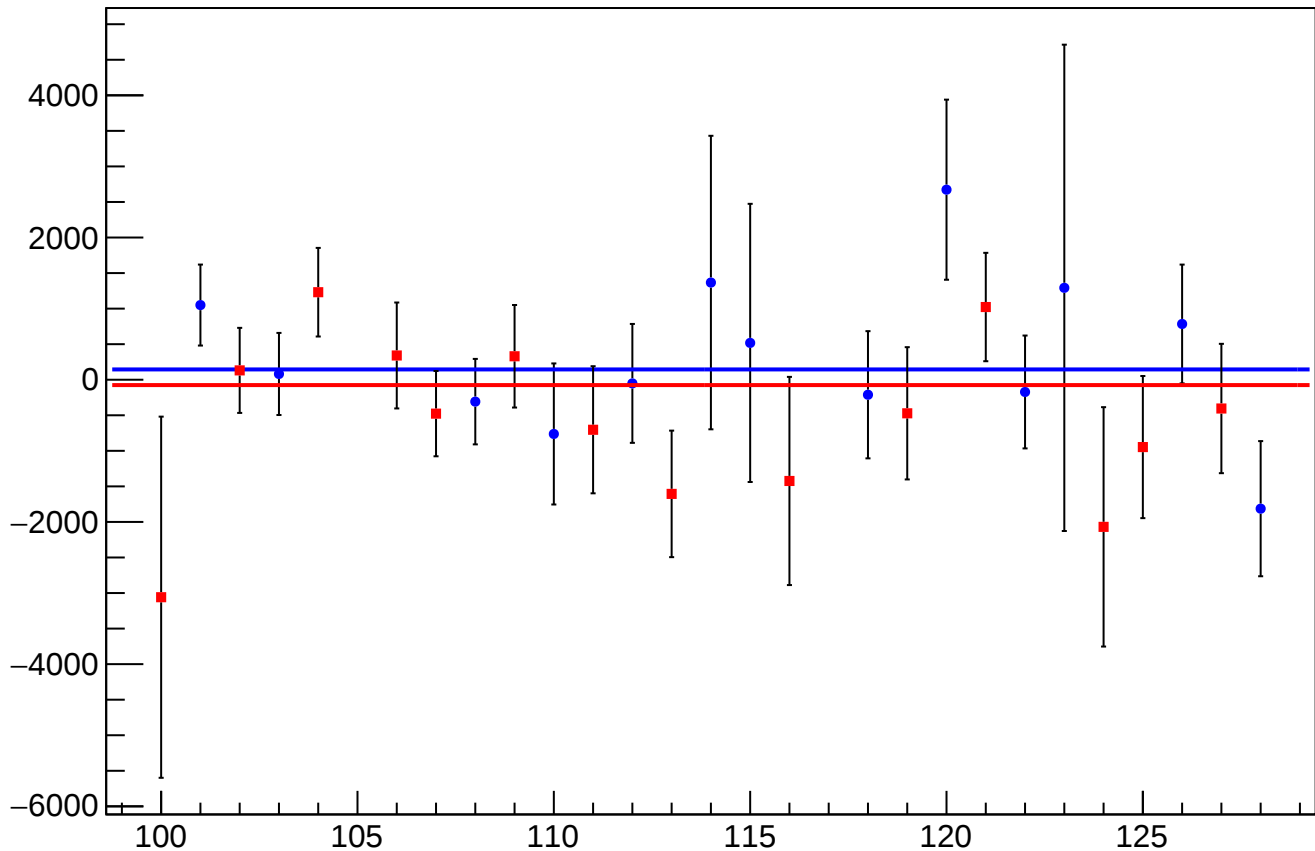
Right: 490.051+/-0.113 χ^2/NDF : 819532.3/26

In: 494.348+/-0.165 χ^2/NDF : 380968.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 490.051+/-0.113 χ^2/NDF : 819532.3/26

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 144.892 $\pm$ 236.479 χ^2 /NDF: 13.6/12

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

Right Out: -75.310 $\pm$ 221.123 χ^2 /NDF: 15.8/13

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

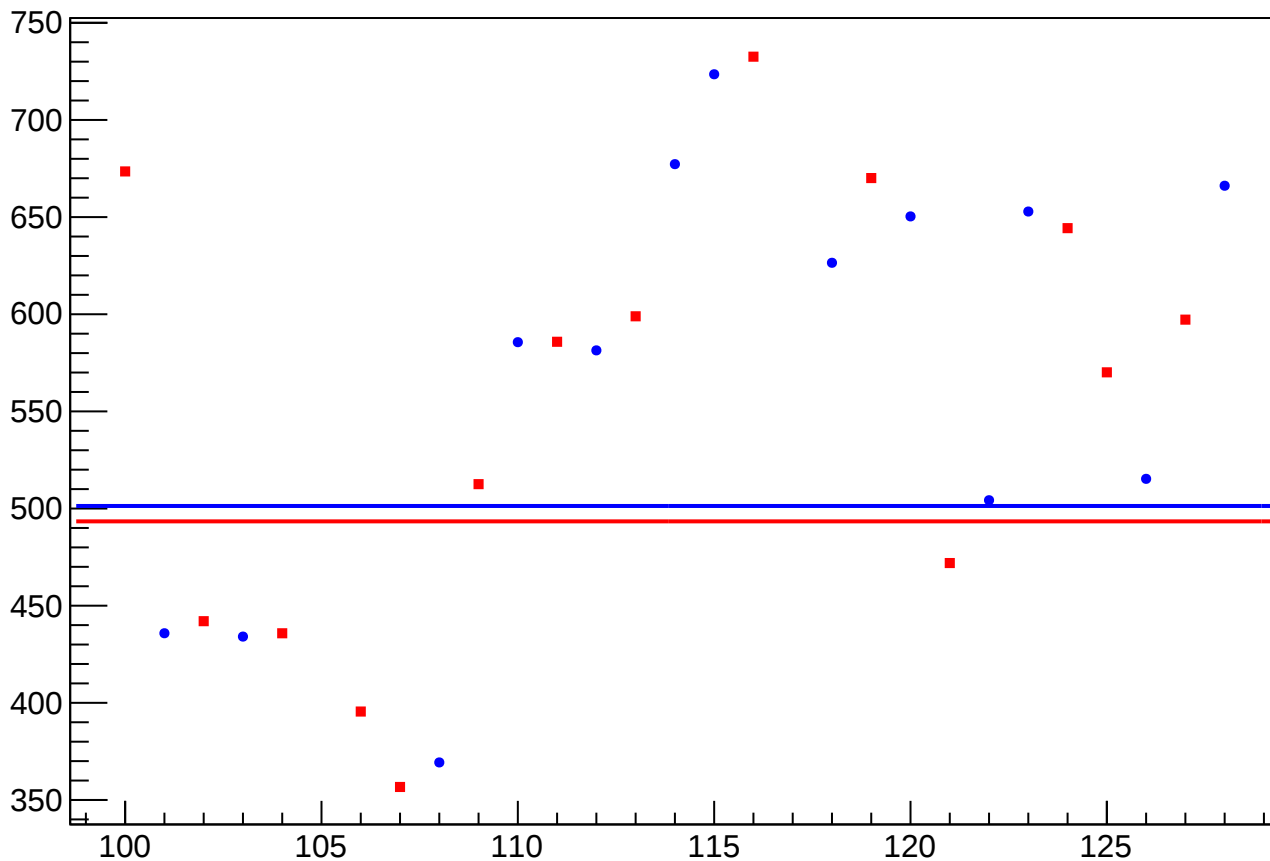
Right: 27.409 $\pm$ 161.513 χ^2 /NDF: 29.9/26

In: 144.892 $\pm$ 236.479 χ^2 /NDF:13.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 27.409 $\pm$ 161.513 χ^2 /NDF: 29.9/26

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 501.321+/-0.167 χ^2/NDF : 354709.4/12

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

Right Out: 493.399+/-0.156 χ^2/NDF : 412330.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

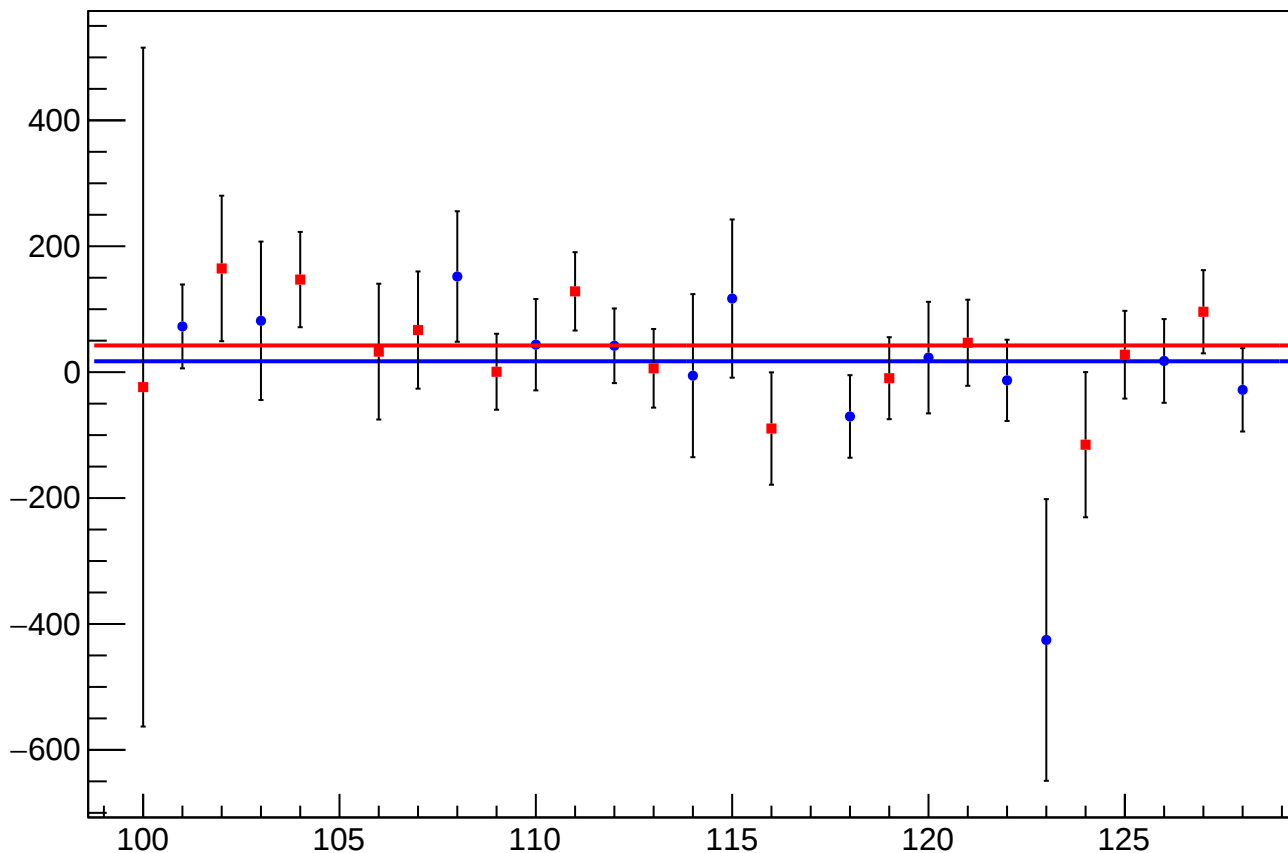
Right: 497.094+/-0.114 χ^2/NDF : 768237.9/26

In: 501.321+/-0.167 χ^2/NDF : 354709.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 497.094+/-0.114 χ^2/NDF : 768237.9/26

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 17.291 $\pm$ 22.071 χ^2 /NDF: 10.0/12

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

Right Out: 42.433 $\pm$ 20.724 χ^2 /NDF: 11.2/13

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

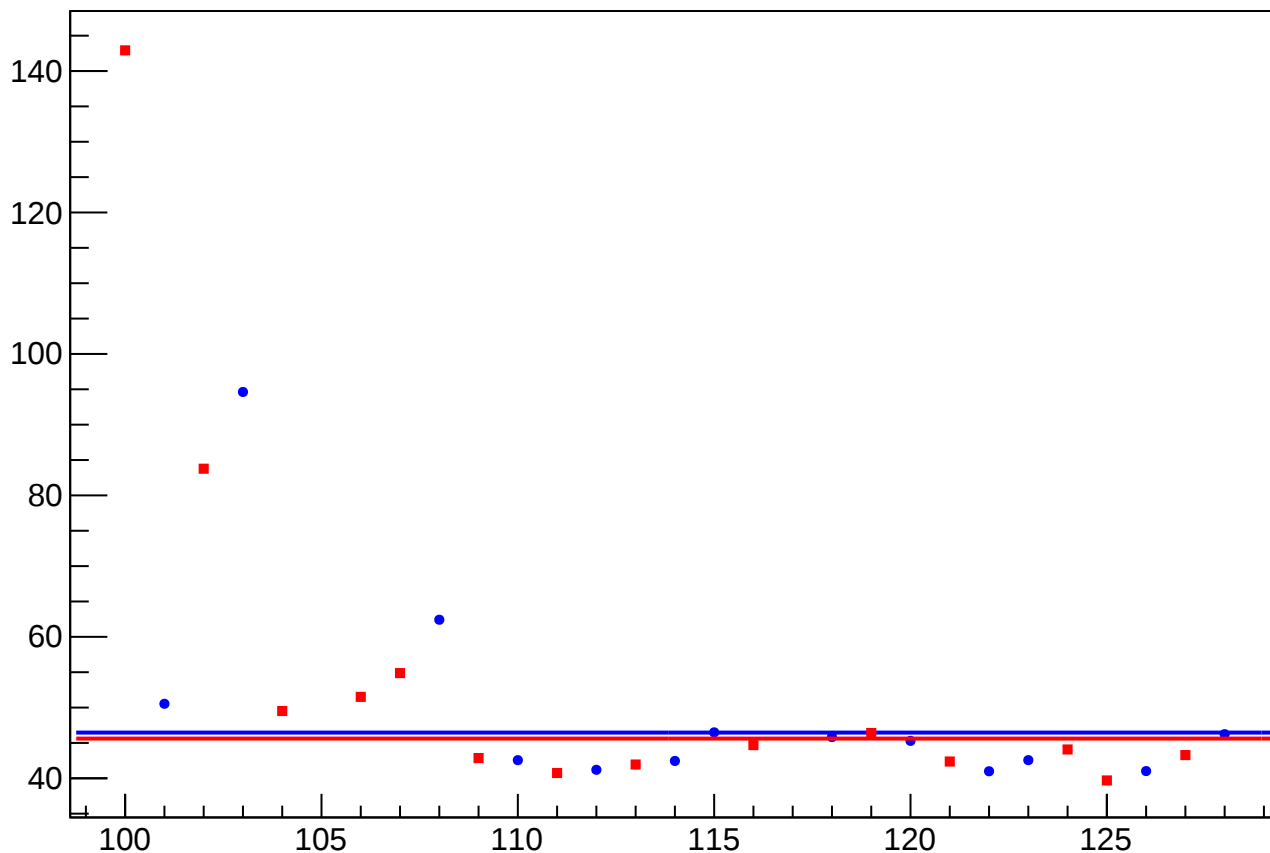
Right: 30.653 $\pm$ 15.108 χ^2 /NDF: 21.9/26

In: 17.291 $\pm$ 22.071 χ^2 /NDF:10.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 30.653 $\pm$ 15.108 χ^2 /NDF: 21.9/26

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 46.464+/-0.016 χ^2/NDF : 400179.4/12

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

Right Out: 45.617+/-0.015 χ^2/NDF : 359785.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

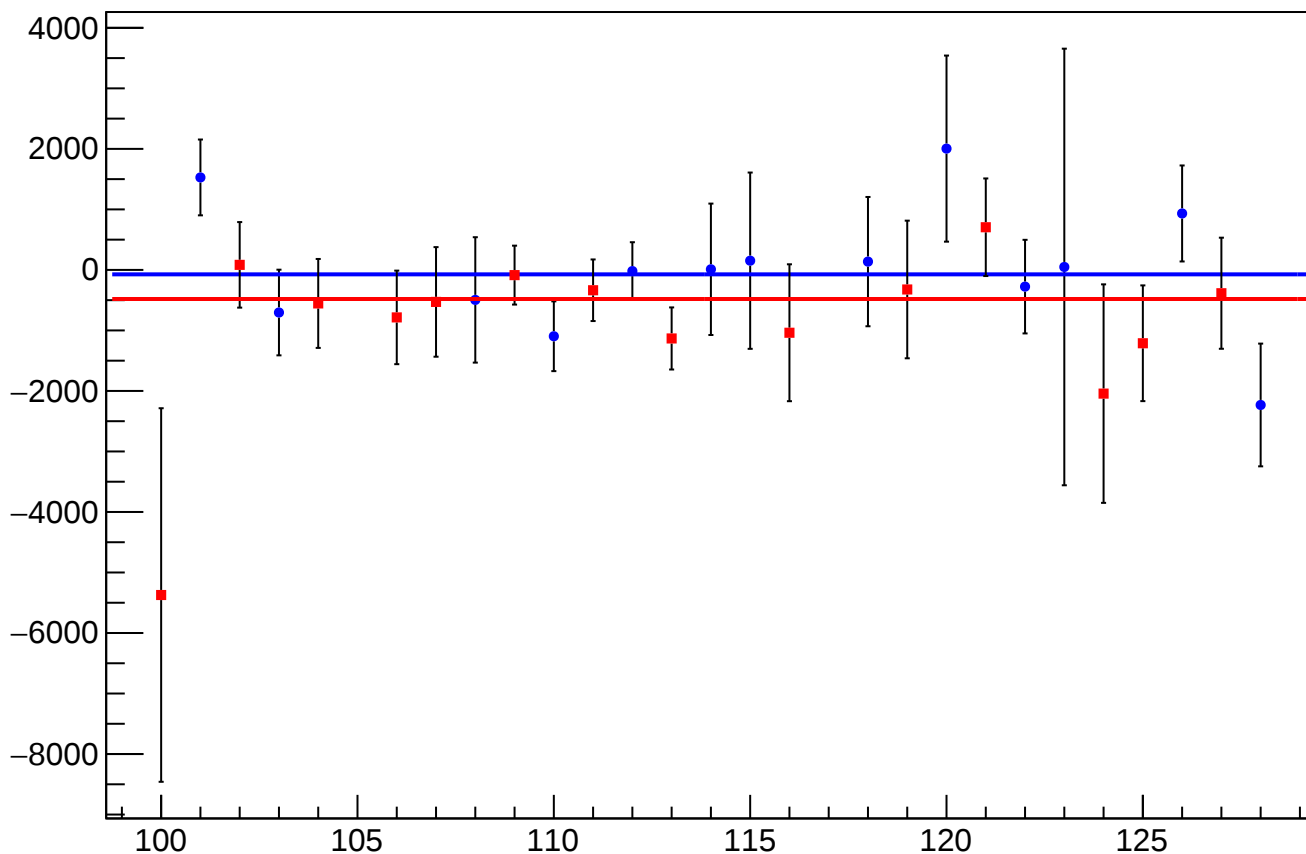
Right: 46.014+/-0.011 χ^2/NDF : 761529.6/26

In: 46.464+/-0.016 χ^2/NDF : 400179.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.014+/-0.011 χ^2/NDF : 761529.6/26

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -73.382 $\pm$ 224.649 χ^2 /NDF: 18.8/12

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

Right Out: -480.682 $\pm$ 202.388 χ^2 /NDF: 9.4/13

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

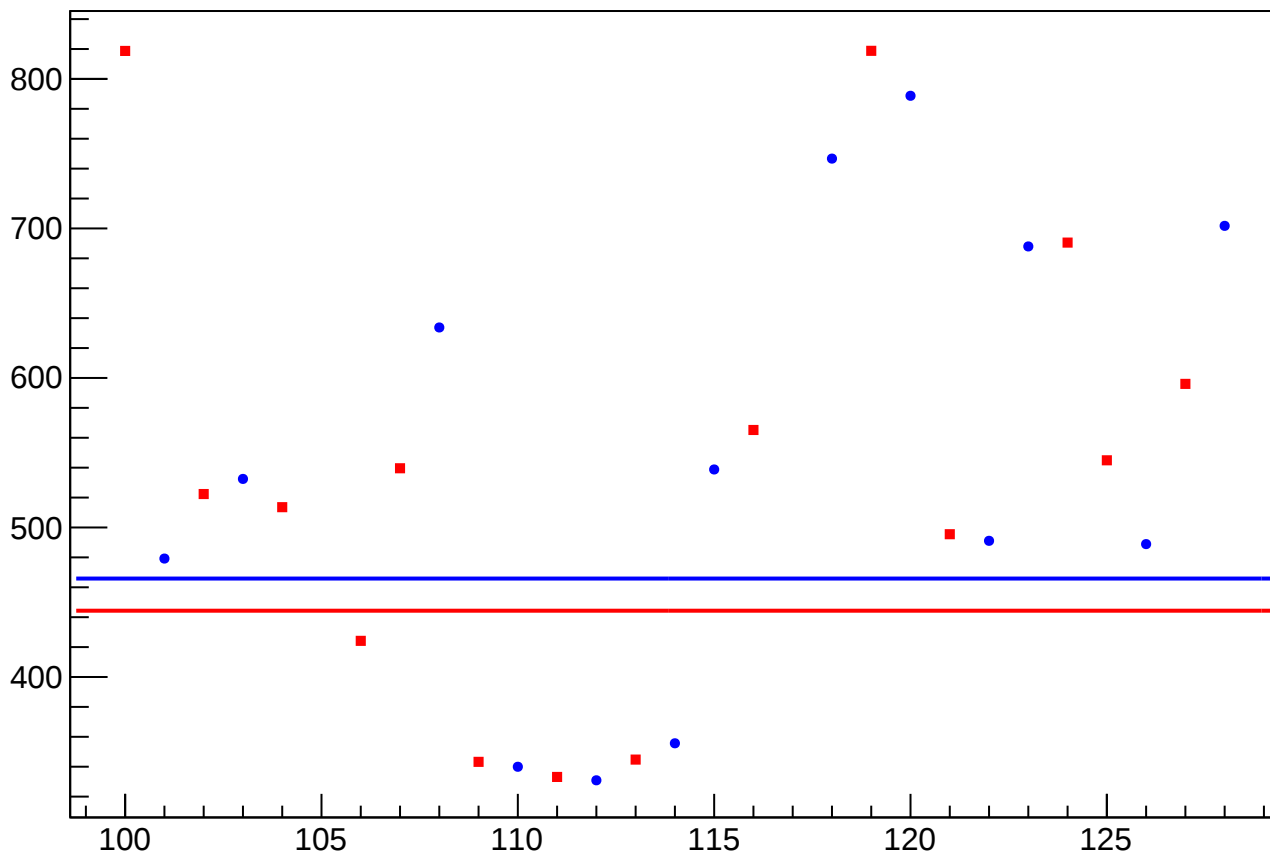
Right: -298.207 $\pm$ 150.366 χ^2 /NDF: 30.0/26

In: -73.382 $\pm$ 224.649 χ^2 /NDF:18.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -298.207 $\pm$ 150.366 χ^2 /NDF: 30.0/26

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 465.841+/-0.159 χ^2/NDF : 698407.8/12

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

Right Out: 444.337+/-0.143 χ^2/NDF : 713771.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

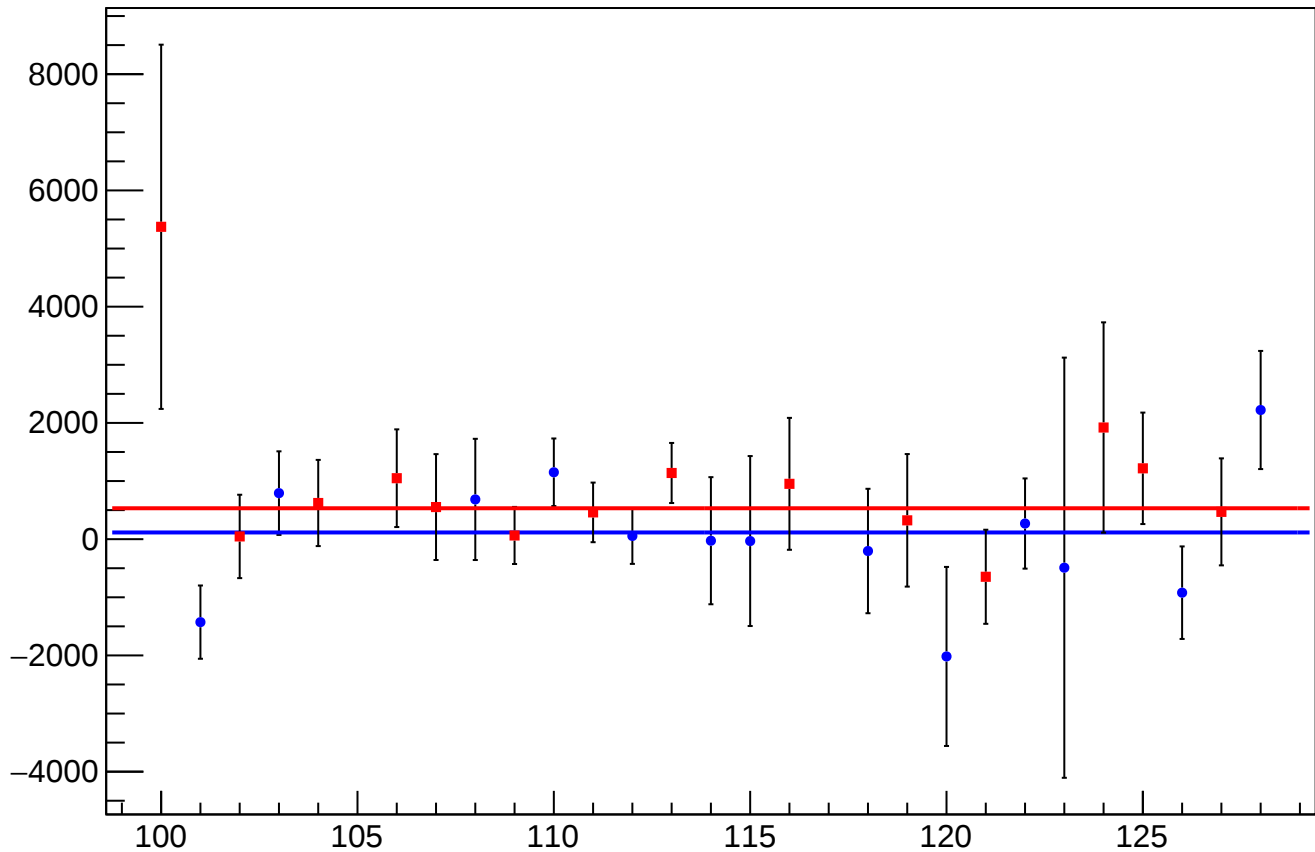
Right: 453.971+/-0.106 χ^2/NDF : 1422294.7/26

In: 465.841+/-0.159 χ^2/NDF : 698407.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 453.971+/-0.106 χ^2/NDF : 1422294.7/26

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 115.435 $\pm$ 226.200 χ^2 /NDF: 18.5/12

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

Right Out: 531.753 $\pm$ 204.874 χ^2 /NDF: 8.9/13

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

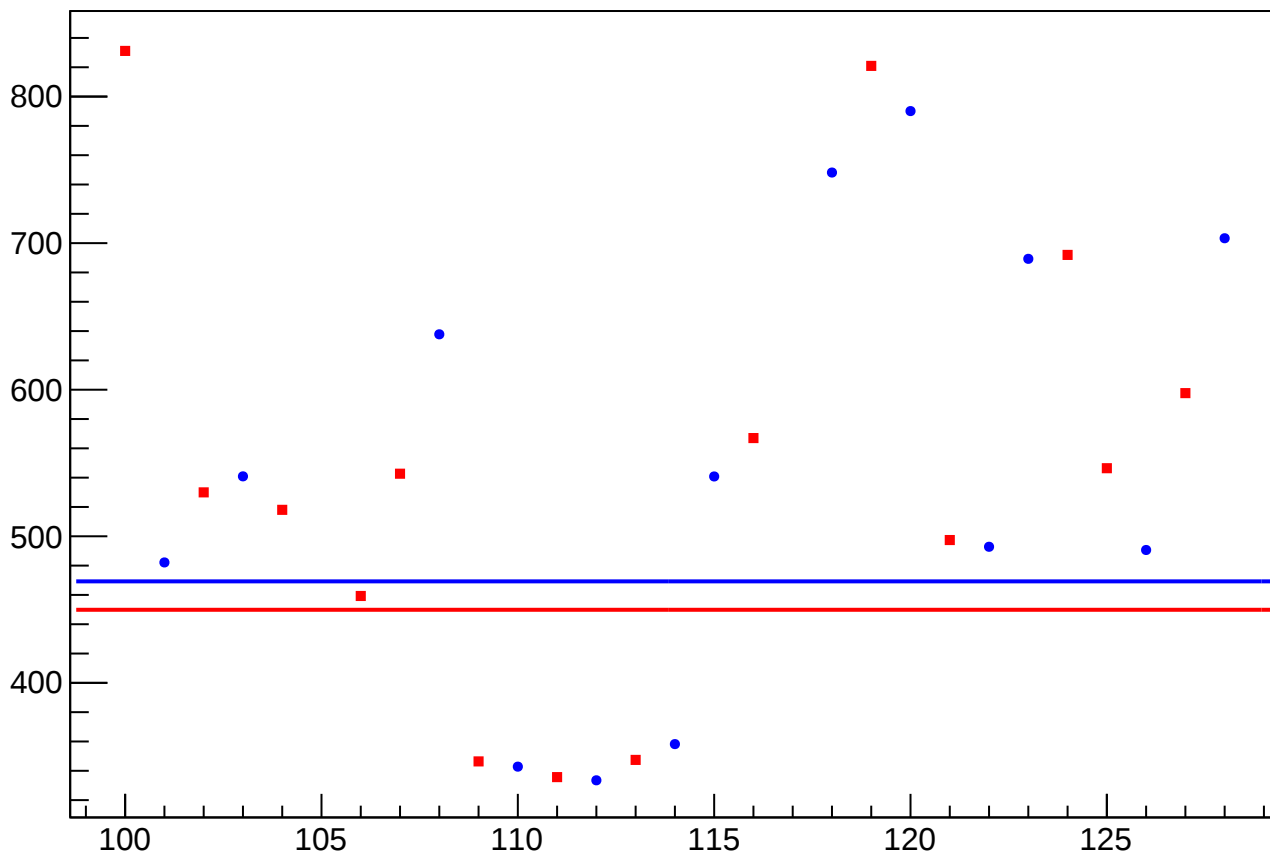
Right: 344.140 $\pm$ -151.849 χ^2 /NDF: 29.3/26

In: 115.435 $\pm$ 226.200 χ^2 /NDF:18.5/12

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

All: 344.140 $\pm$ -151.849 χ^2 /NDF: 29.3/26

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 469.245+/-0.160 χ^2/NDF : 691969.7/12

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

Right Out: 449.854+/-0.145 χ^2/NDF : 706658.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

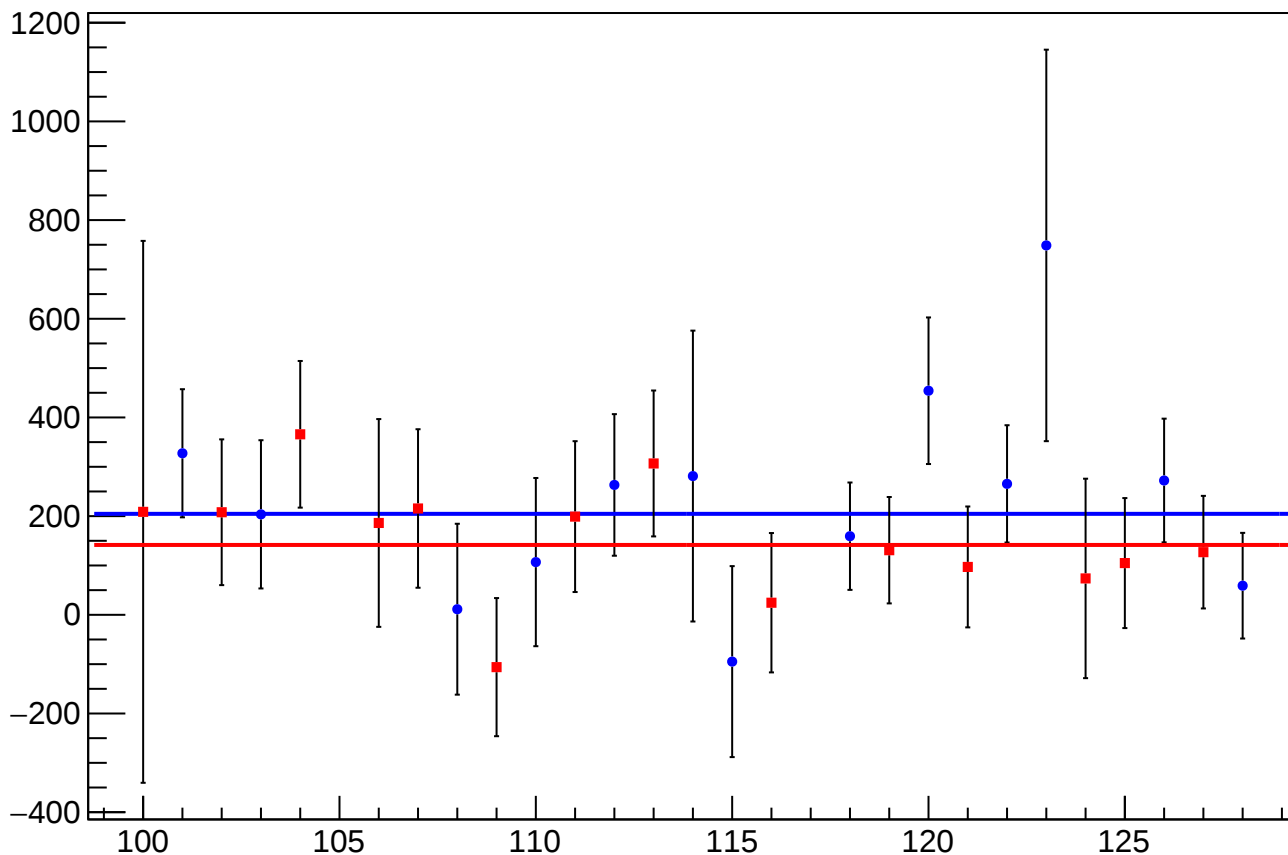
Right: 458.592+/-0.107 χ^2/NDF : 1406702.0/26

In: 469.245+/-0.160 χ^2/NDF : 691969.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 458.592+/-0.107 χ^2/NDF : 1406702.0/26

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 204.645 $\pm$ 40.290 χ^2 /NDF: 12.4/12

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

Right Out: 141.608 $\pm$ 39.012 χ^2 /NDF: 8.3/13

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

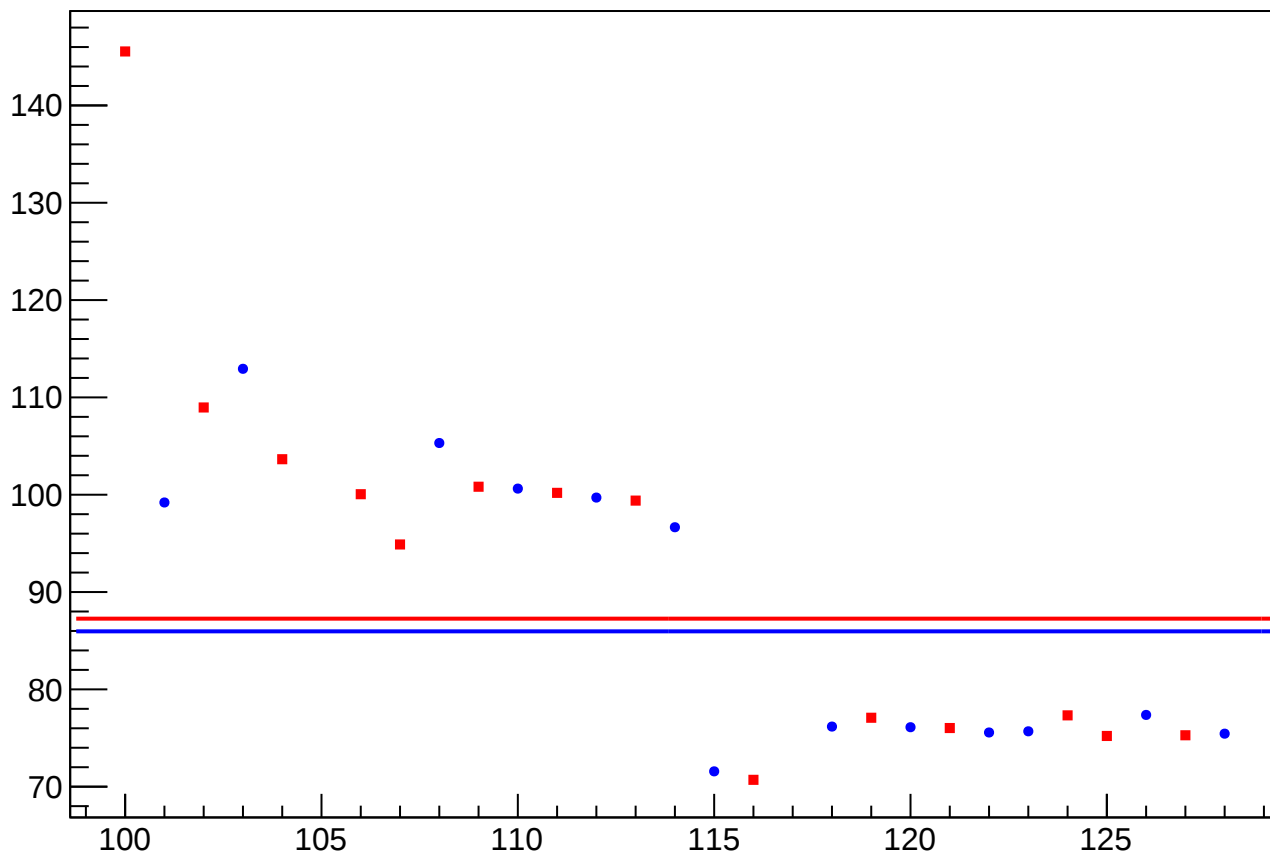
Right: 172.111 $\pm$ 28.027 χ^2 /NDF: 21.9/26

In: 204.645 $\pm$ 40.290 χ^2 /NDF:12.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 172.111 $\pm$ 28.027 χ^2 /NDF: 21.9/26

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 85.961+/-0.028 χ^2/NDF : 227411.2/12

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

Right Out: 87.266+/-0.028 χ^2/NDF : 254218.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

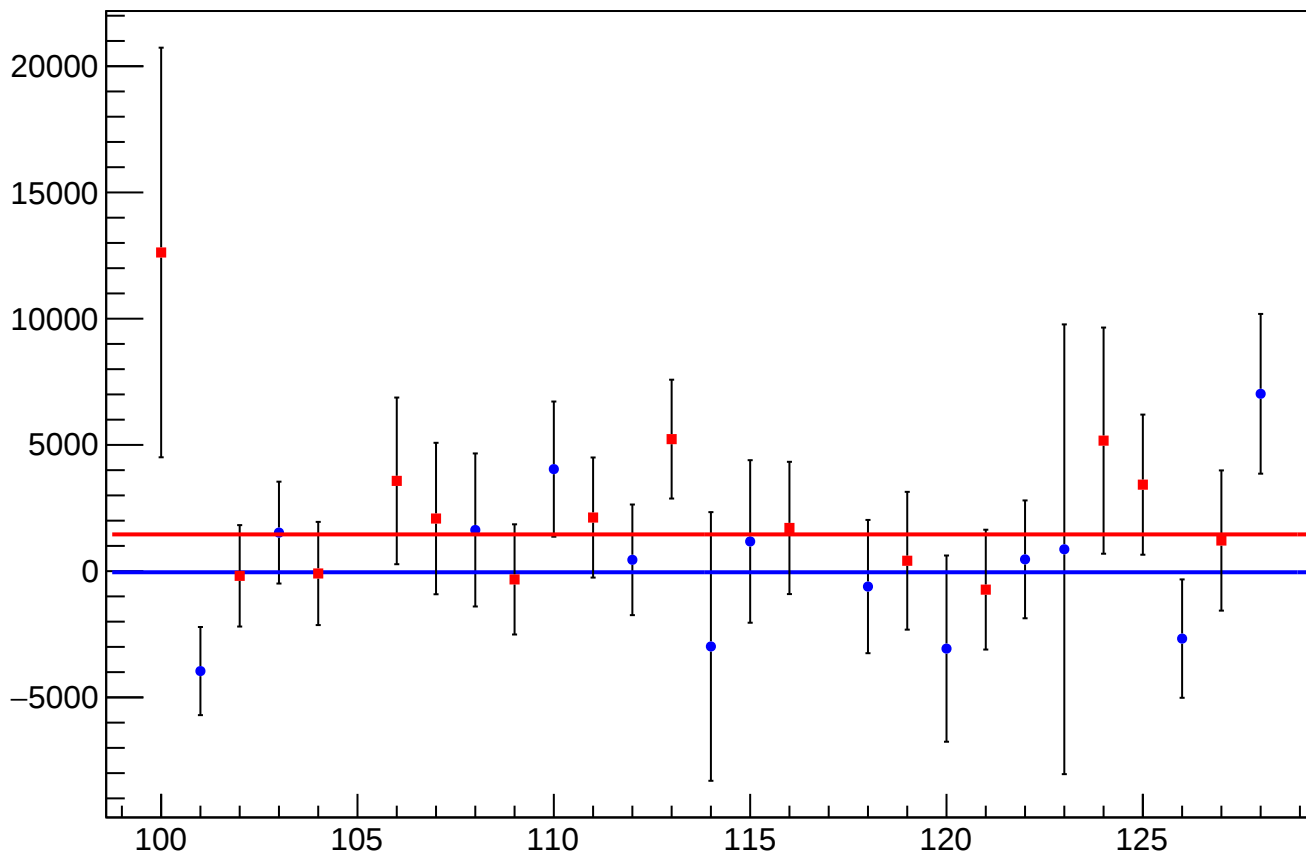
Right: 86.634+/-0.020 χ^2/NDF : 482711.8/26

In: 85.961+/-0.028 χ^2/NDF : 227411.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.634+/-0.020 χ^2/NDF : 482711.8/26

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -43.650+/-733.717 χ^2/NDF : 15.8/12

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

Right Out: 1455.743+/-700.214 χ^2/NDF : 9.1/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

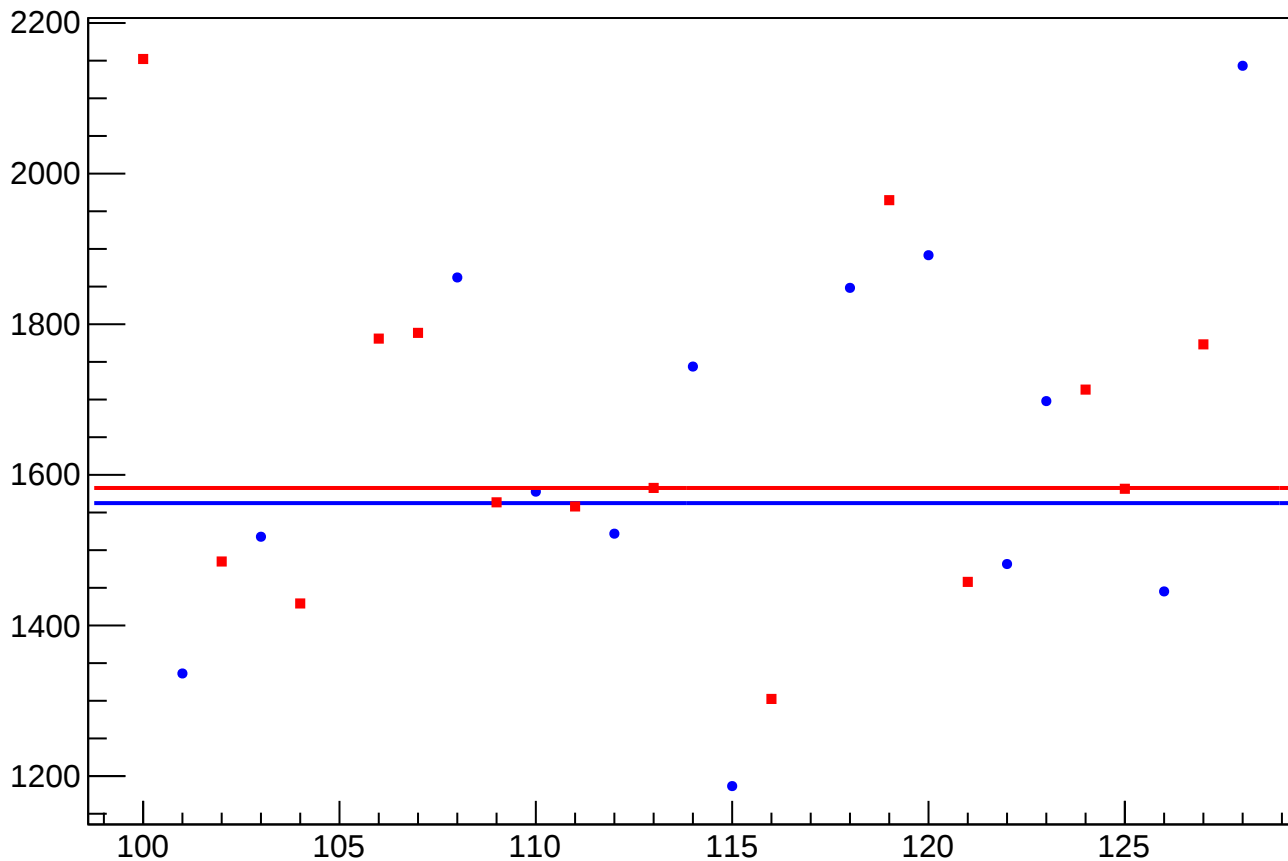
Right: 741.060+/-506.556 χ^2/NDF : 27.1/26

In: -43.650+/-733.717 χ^2/NDF :15.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 741.060+/-506.556 χ^2/NDF : 27.1/26

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1562.483+/-0.519 χ^2/NDF : 199081.6/12

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

Right Out: 1582.570+/-0.495 χ^2/NDF : 121621.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

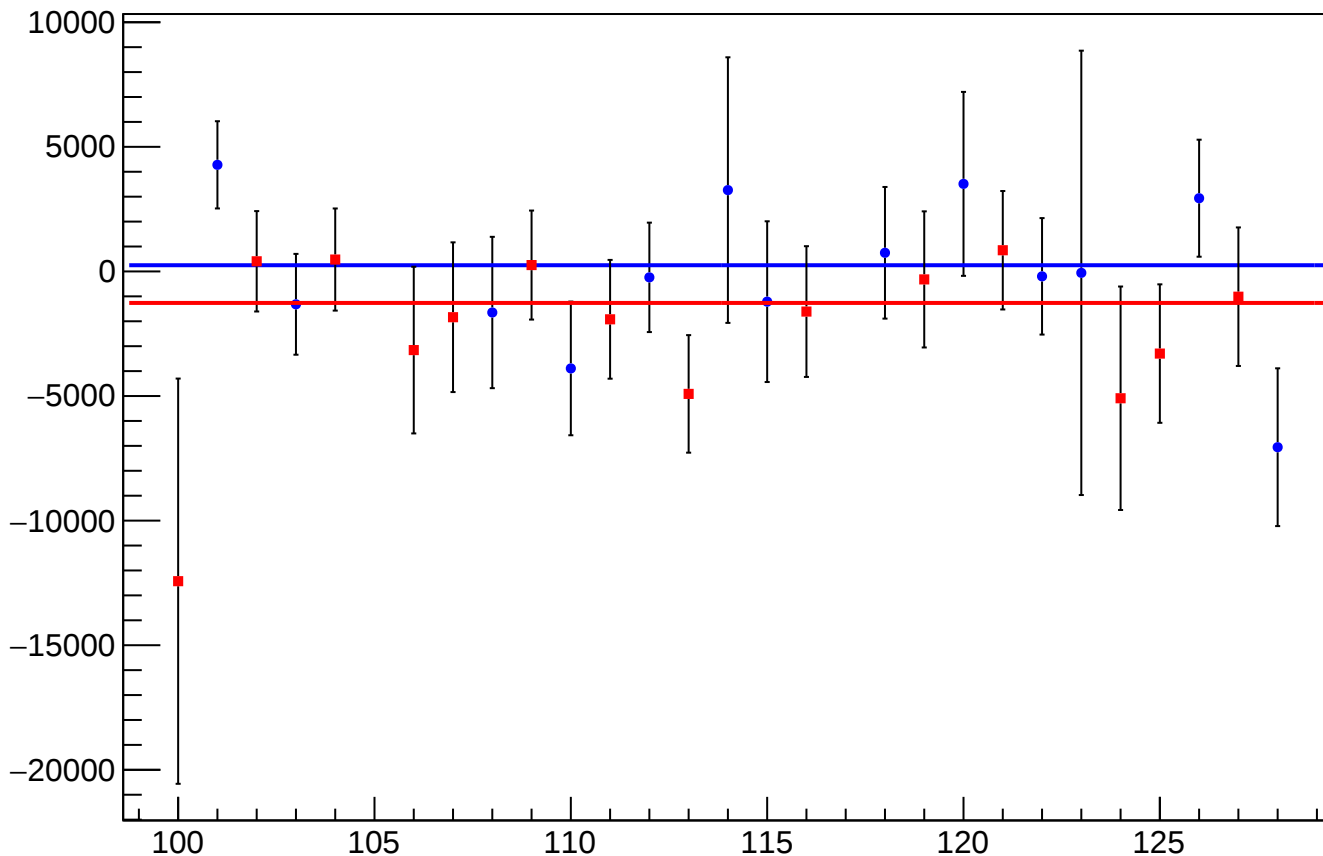
Right: 1572.996+/-0.358 χ^2/NDF : 321487.3/26

In: 1562.483+/-0.519 χ^2/NDF : 199081.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1572.996+/-0.358 χ^2/NDF : 321487.3/26

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 249.109+/-735.124 χ^2/NDF : 16.7/12

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

Right Out: -1264.002+/-701.882 χ^2/NDF : 8.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

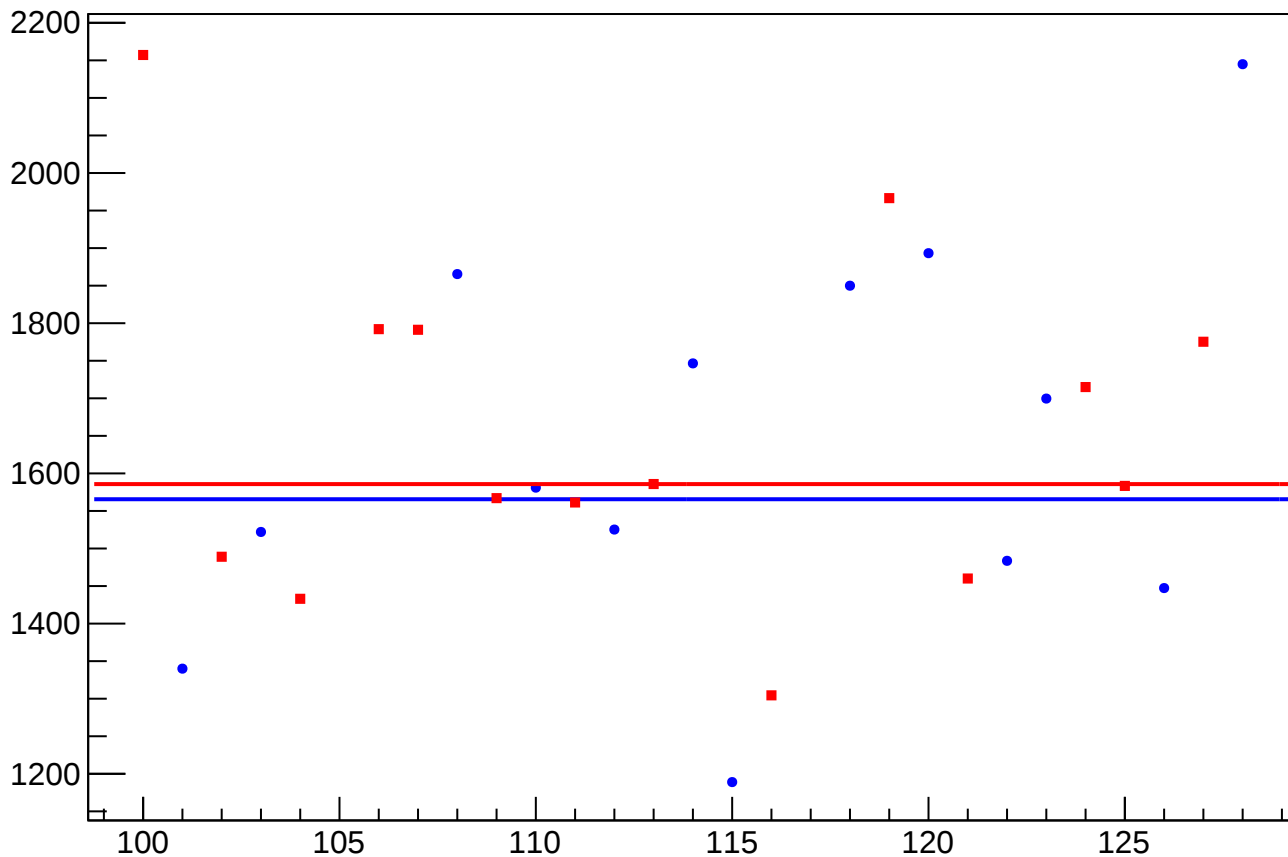
Right: -542.431+/-507.651 χ^2/NDF : 27.8/26

In: 249.109+/-735.124 χ^2/NDF : 16.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -542.431+/-507.651 χ^2/NDF : 27.8/26

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1565.607+/-0.520 χ^2/NDF : 197850.9/12

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

Right Out: 1585.770+/-0.496 χ^2/NDF : 121351.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

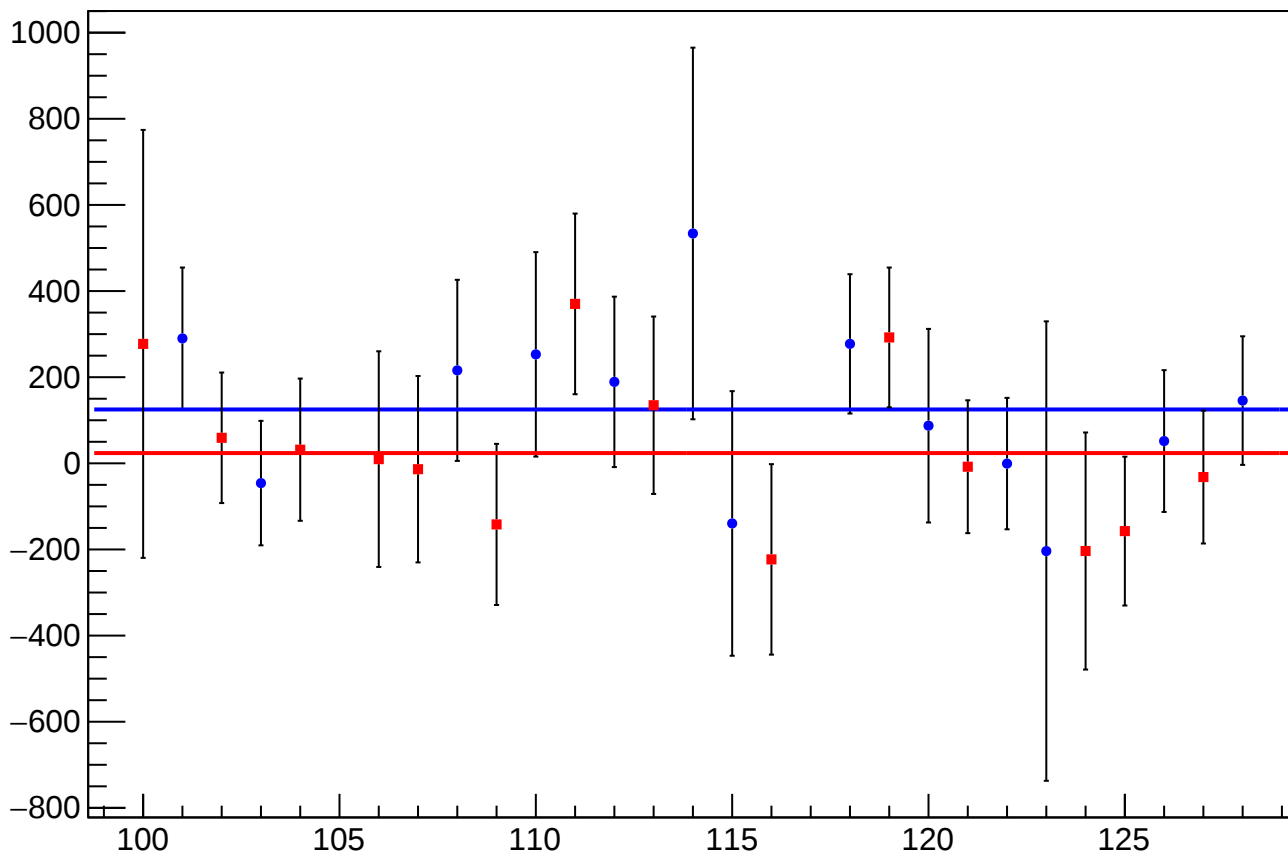
Right: 1576.155+/-0.359 χ^2/NDF : 319988.9/26

In: 1565.607+/-0.520 χ^2/NDF : 197850.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1576.155+/-0.359 χ^2/NDF : 319988.9/26

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 125.063 $\pm$ 53.231 χ^2 /NDF: 6.8/12

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

Right Out: 23.819 $\pm$ 50.925 χ^2 /NDF: 10.1/13

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

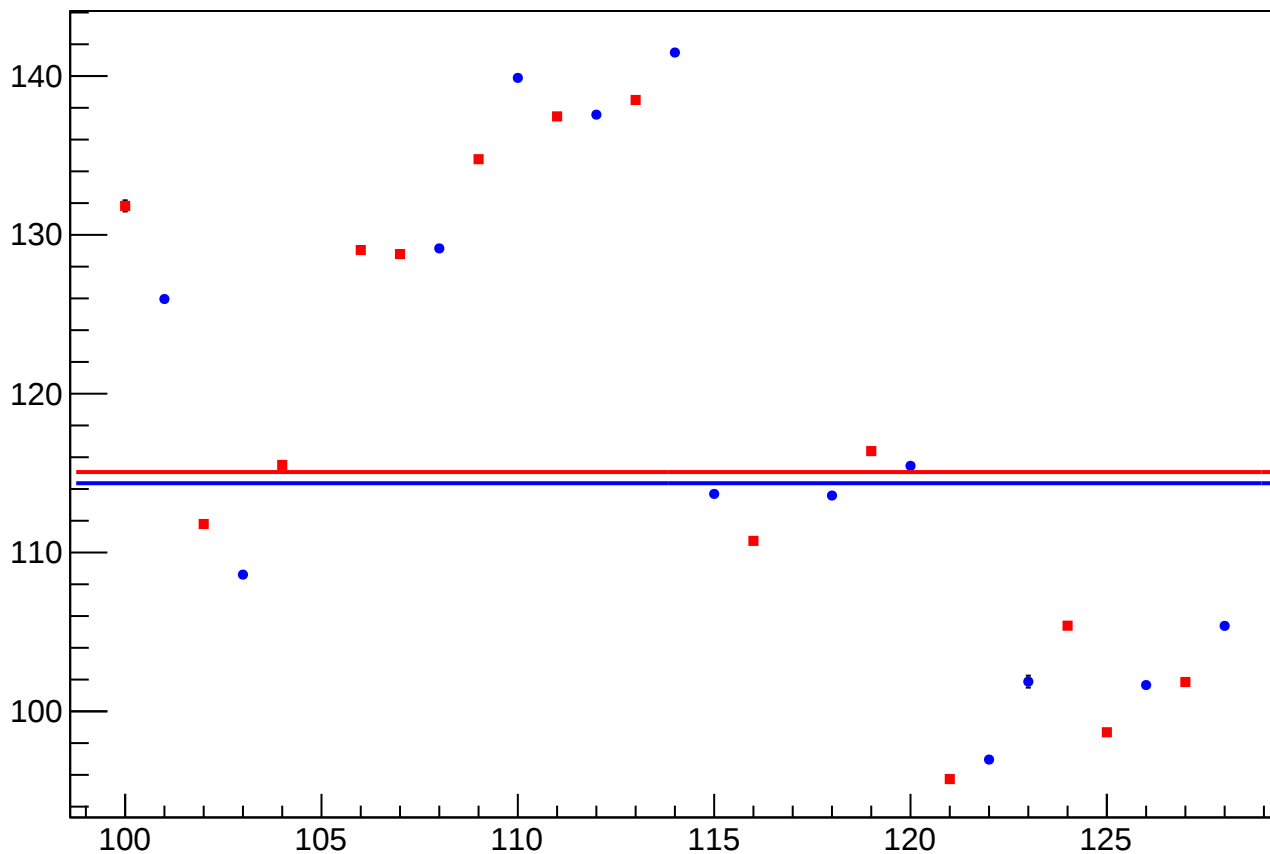
Right: 72.200 $\pm$ 36.798 χ^2 /NDF: 18.8/26

In: 125.063 $\pm$ 53.231 χ^2 /NDF:6.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 72.200 $\pm$ 36.798 χ^2 /NDF: 18.8/26

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 114.364+/-0.038 χ^2/NDF : 127880.5/12

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

Right Out: 115.066+/-0.036 χ^2/NDF : 155782.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

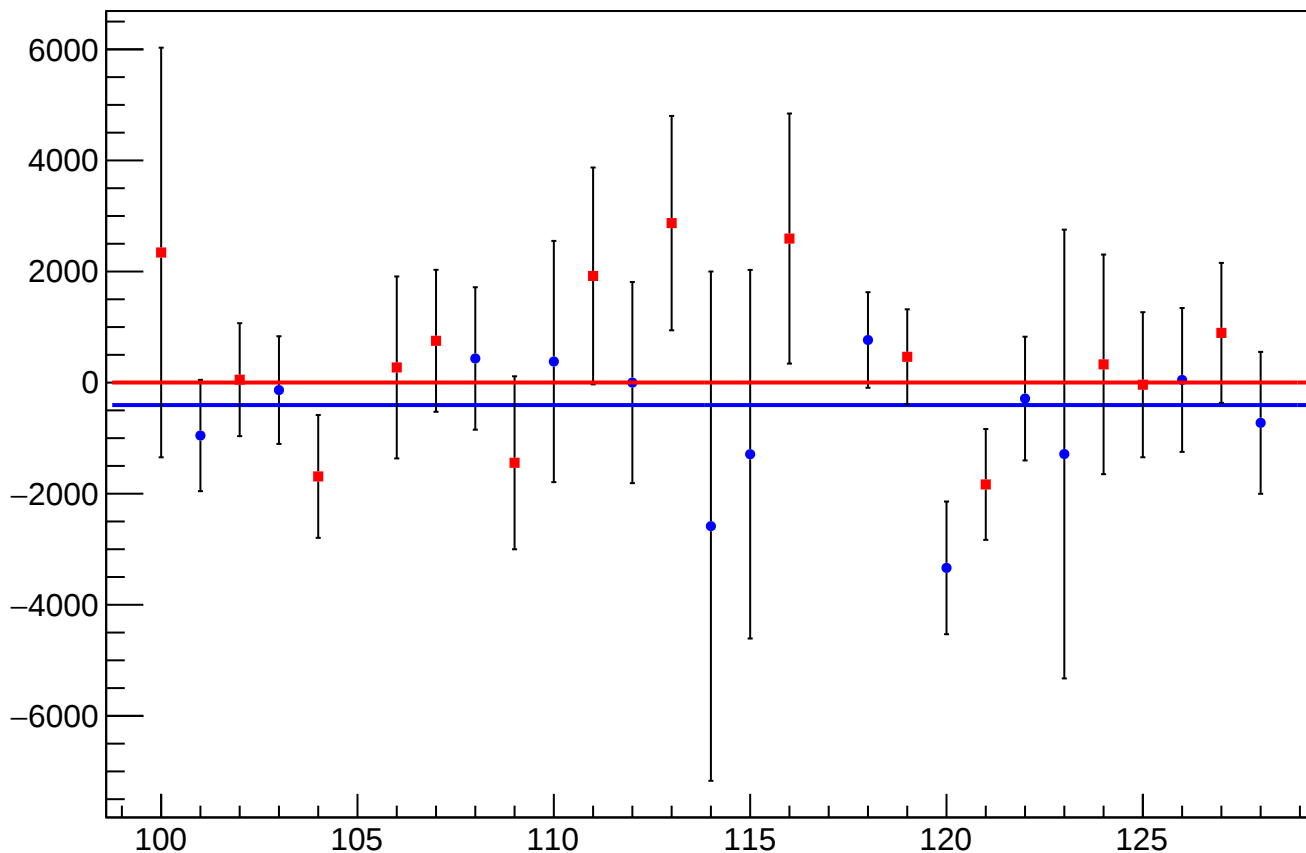
Right: 114.730+/-0.026 χ^2/NDF : 283844.4/26

In: 114.364+/-0.038 χ^2/NDF : 127880.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.730+/-0.026 χ^2/NDF : 283844.4/26

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -404.424+/-366.322 χ^2/NDF : 9.4/12

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

Right Out: 1.640+/-357.441 χ^2/NDF : 12.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

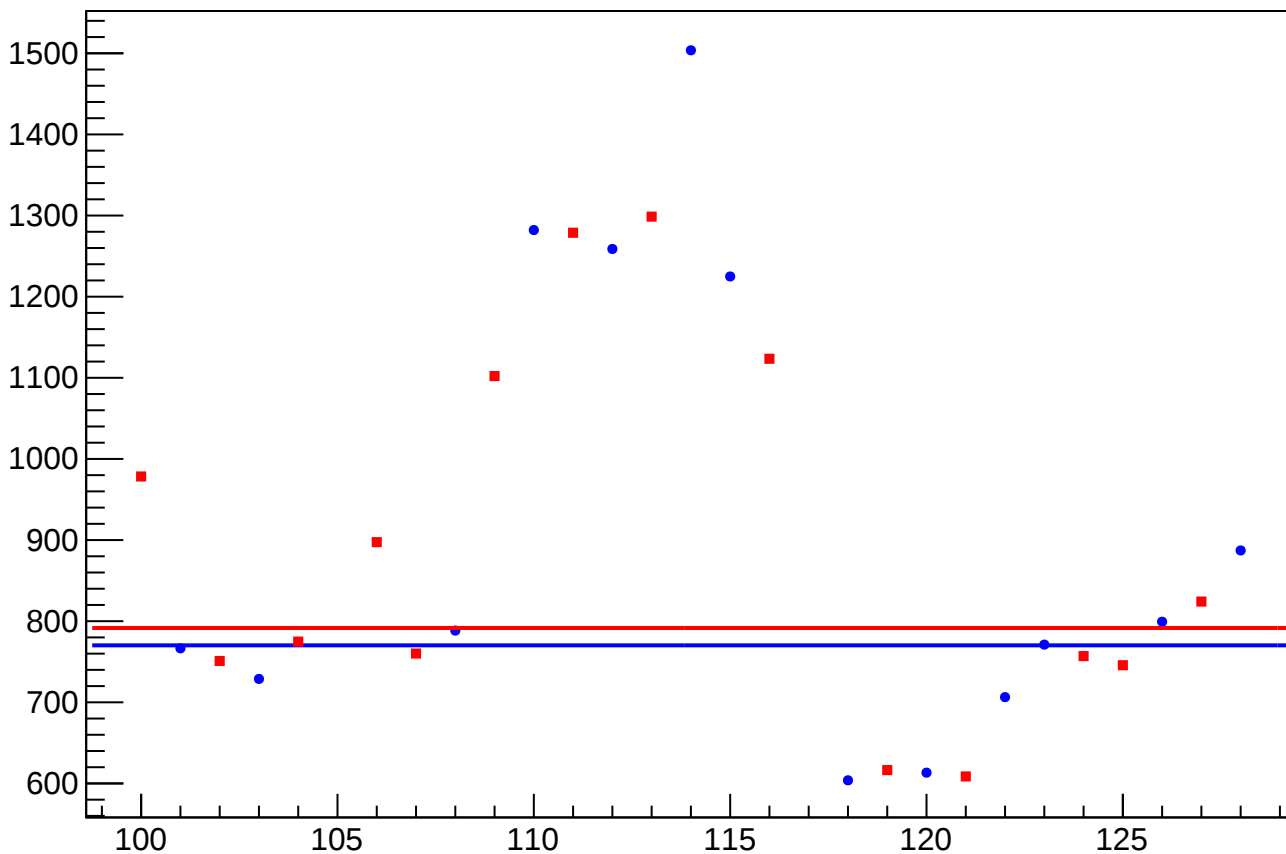
Right: -196.410+/-255.831 χ^2/NDF : 22.7/26

In: -404.424+/-366.322 χ^2/NDF : 9.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -196.410+/-255.831 χ^2/NDF : 22.7/26

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 770.224+/-0.259 χ^2/NDF : 483133.5/12

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

Right Out: 791.616+/-0.253 χ^2/NDF : 559543.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

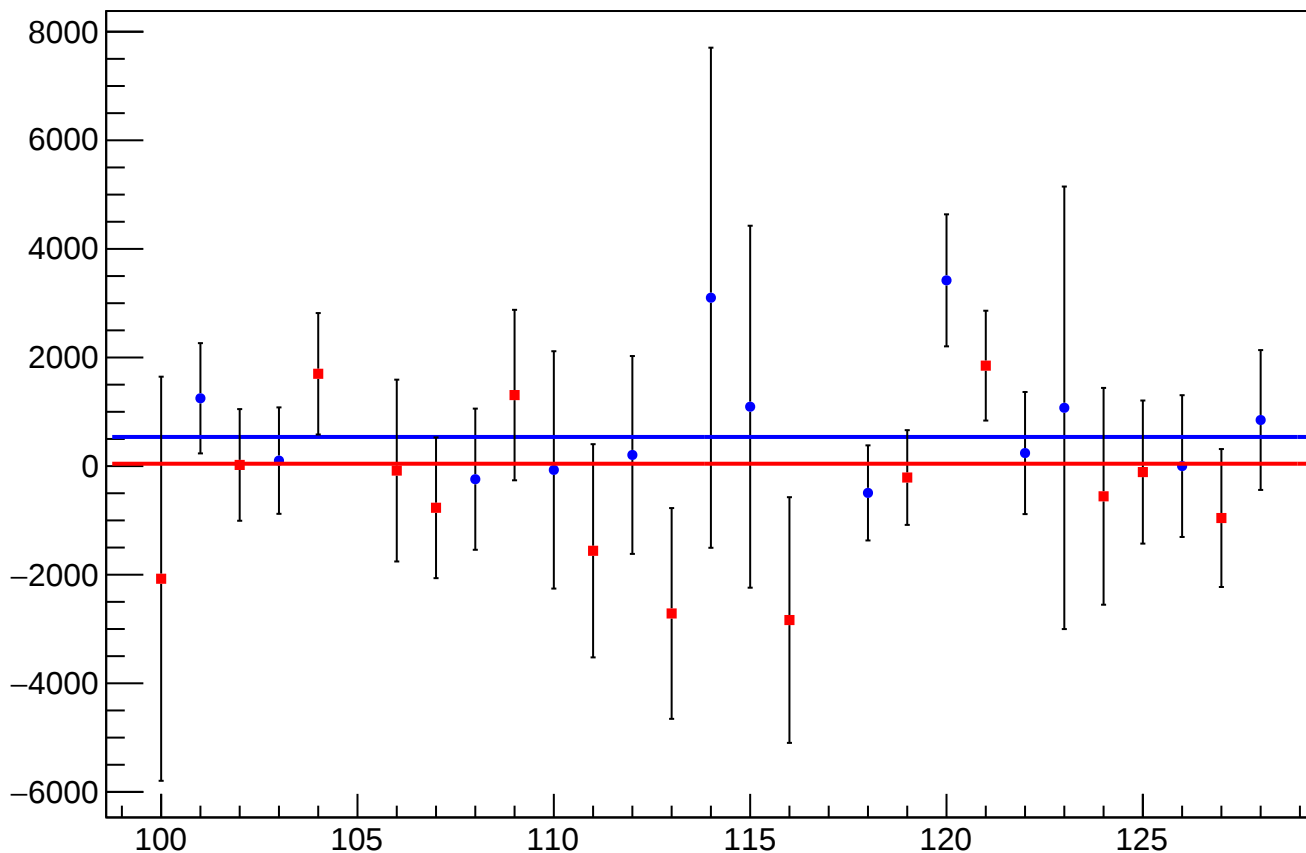
Right: 781.182+/-0.181 χ^2/NDF : 1046171.1/26

In: 770.224+/-0.259 χ^2/NDF : 483133.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 781.182+/-0.181 χ^2/NDF : 1046171.1/26

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 536.859+/-370.820 χ^2/NDF : 8.8/12

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

Right Out: 43.812+/-361.924 χ^2/NDF : 11.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

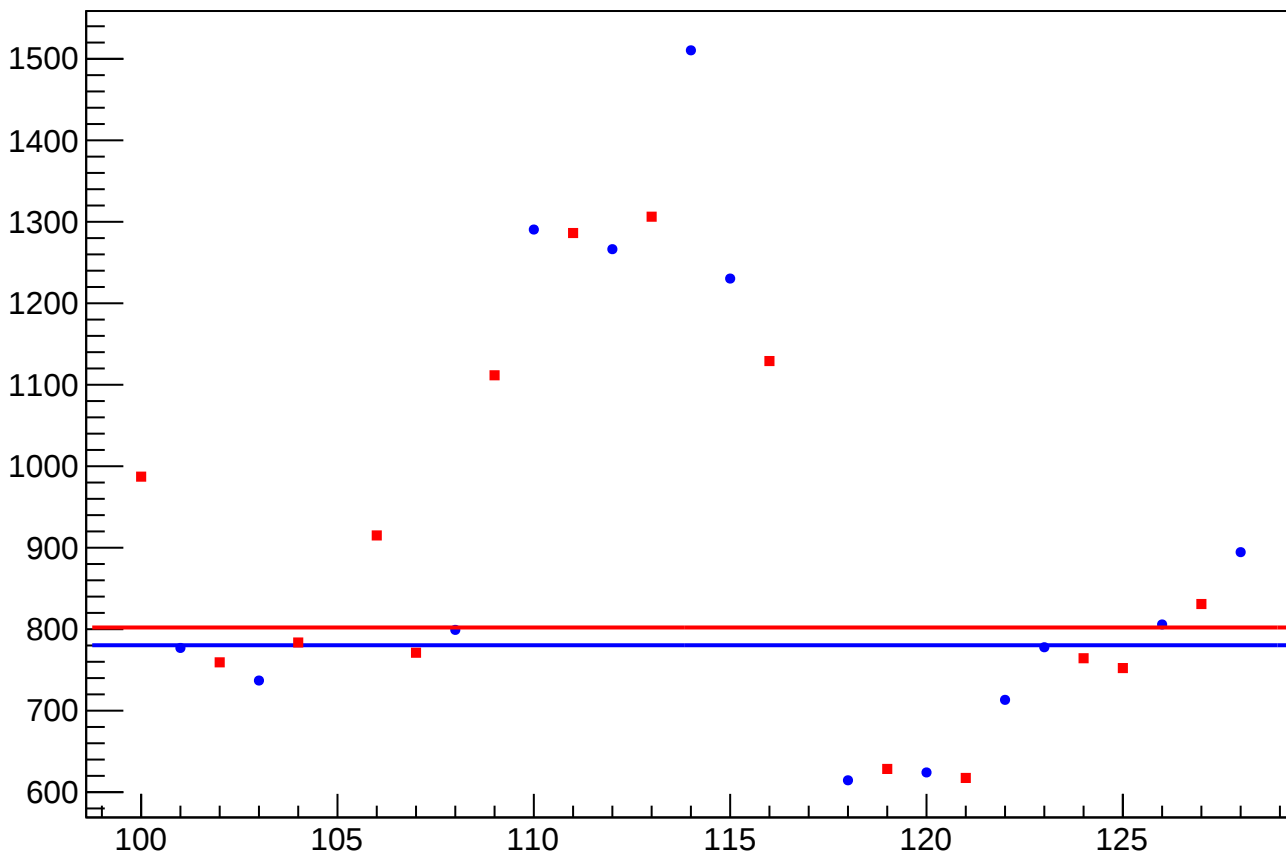
Right: 284.350+/-259.007 χ^2/NDF : 21.6/26

In: 536.859+/-370.820 χ^2/NDF : 8.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 284.350+/-259.007 χ^2/NDF : 21.6/26

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 780.303+/-0.262 χ^2/NDF : 470721.2/12

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

Right Out: 802.100+/-0.256 χ^2/NDF : 545816.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

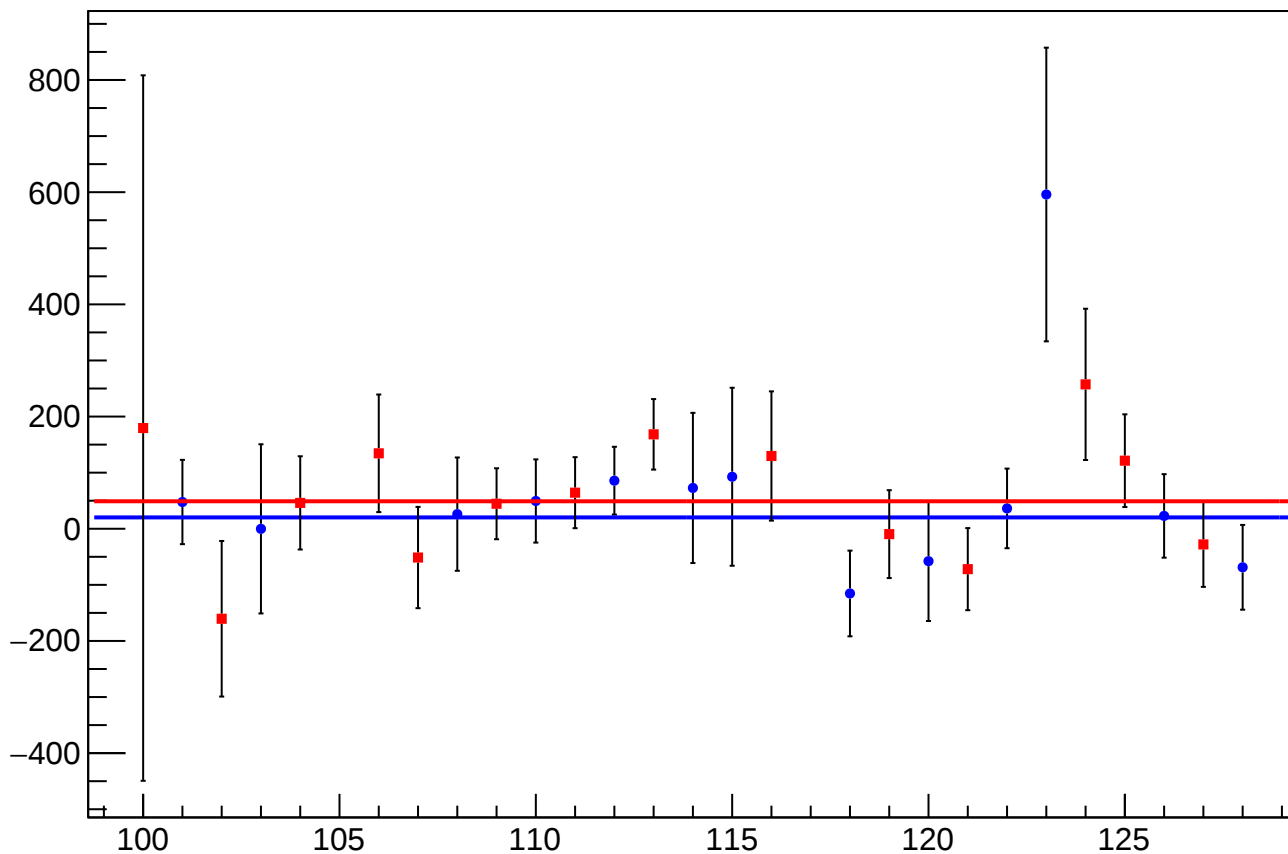
Right: 791.466+/-0.183 χ^2/NDF : 1020076.6/26

In: 780.303+/-0.262 χ^2/NDF : 470721.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 791.466+/-0.183 χ^2/NDF : 1020076.6/26

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 20.218+/-24.267 χ^2/NDF : 11.8/12

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

Right Out: 48.991+/-22.549 χ^2/NDF : 15.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

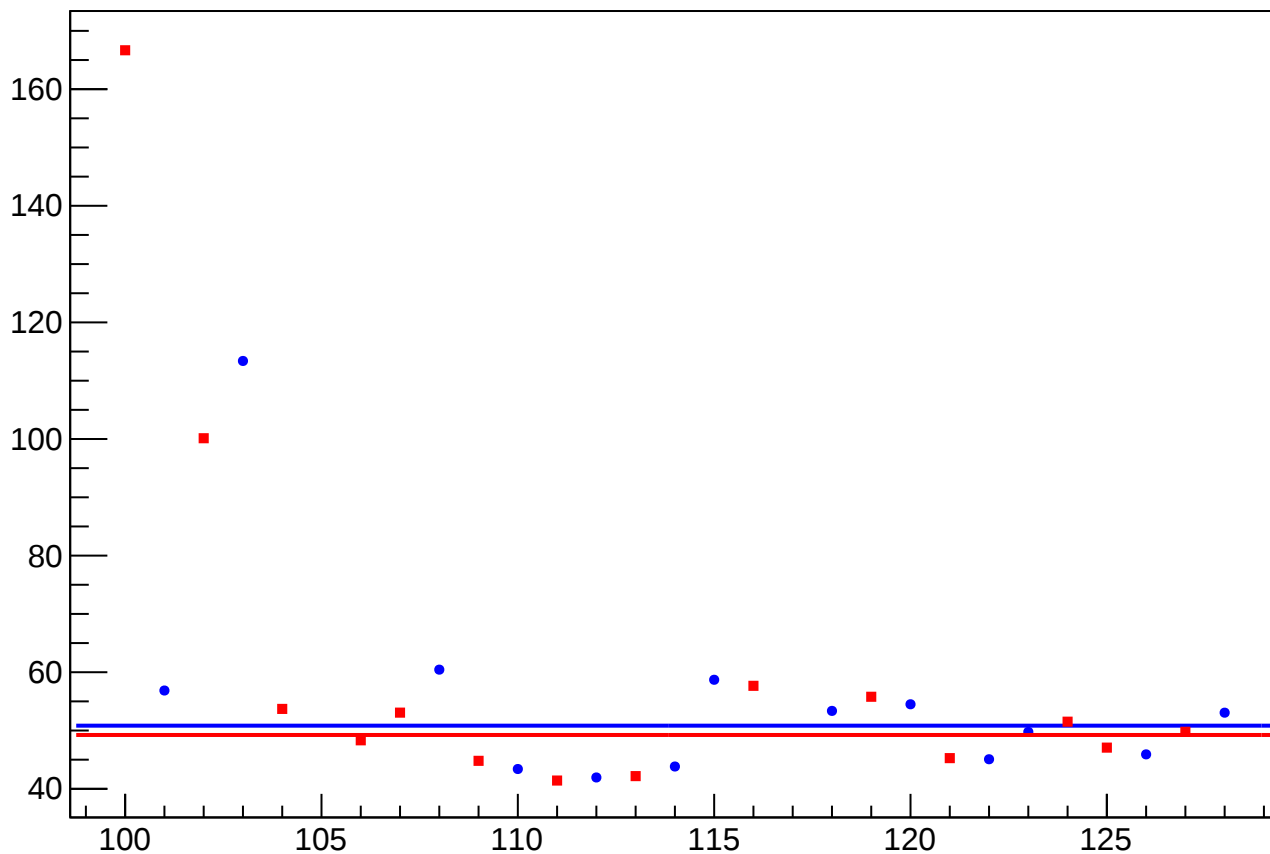
Right: 35.659+/-16.519 χ^2/NDF : 28.4/26

In: 20.218+/-24.267 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.659+/-16.519 χ^2/NDF : 28.4/26

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 50.834+/-0.017 χ^2/NDF : 477114.2/12

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

Right Out: 49.237+/-0.016 χ^2/NDF : 446833.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

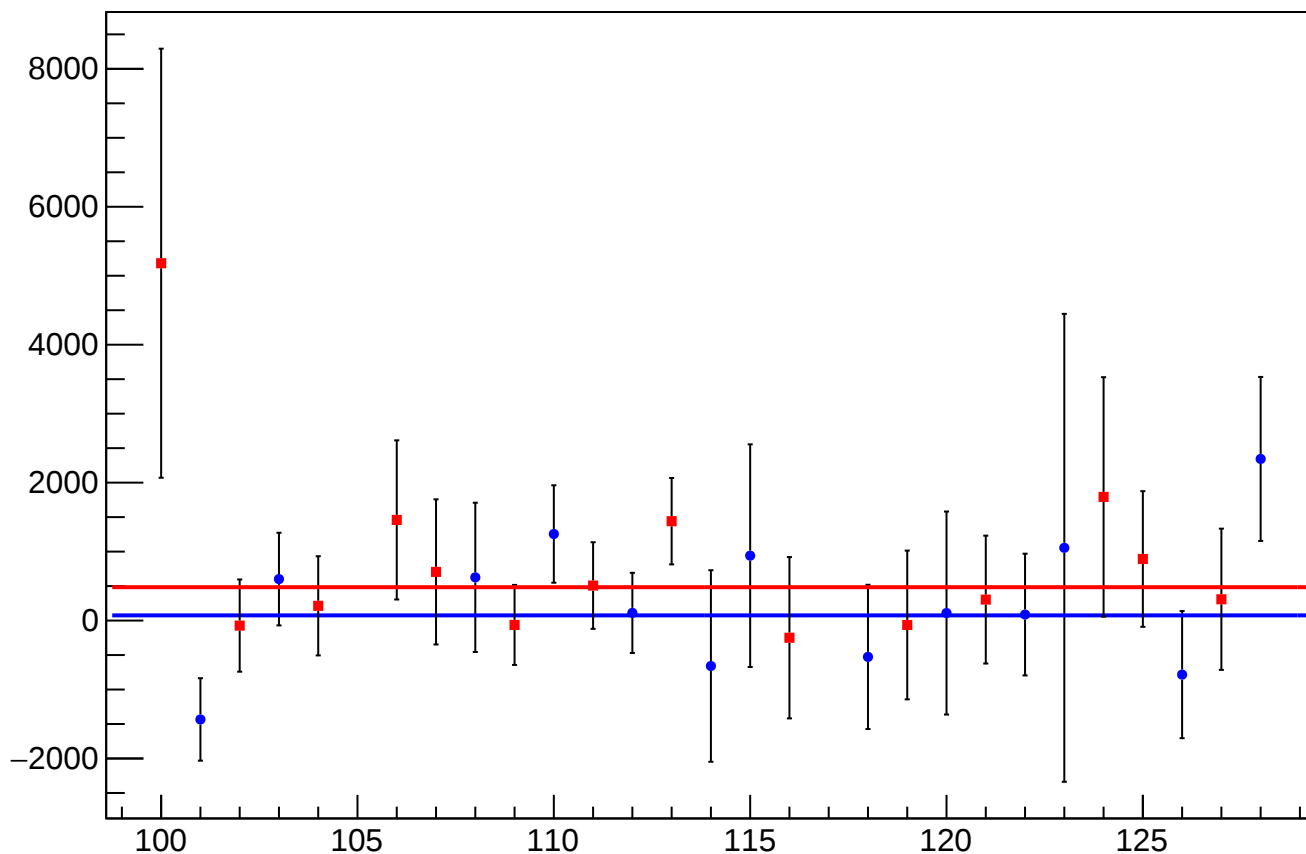
Right: 49.977+/-0.012 χ^2/NDF : 928598.6/26

In: 50.834+/-0.017 χ^2/NDF : 477114.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.977+/-0.012 χ^2/NDF : 928598.6/26

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: 75.238 $\pm$ 247.208 χ^2 /NDF: 15.5/12

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

Right Out: 483.921 $\pm$ 229.074 χ^2 /NDF: 8.6/13

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

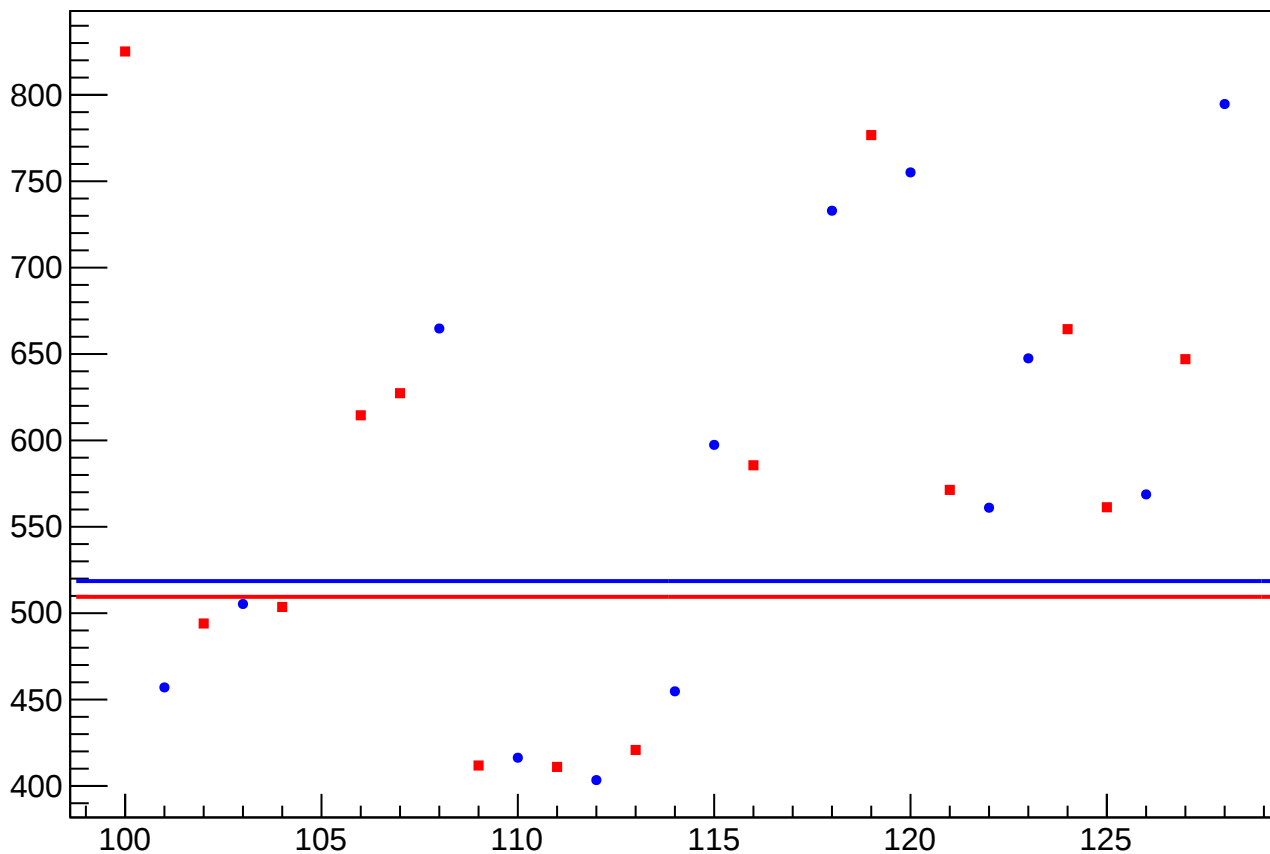
Right: 295.118 $\pm$ 168.025 χ^2 /NDF: 25.6/26

In: 75.238 $\pm$ 247.208 χ^2 /NDF:15.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 295.118 $\pm$ 168.025 χ^2 /NDF: 25.6/26

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 518.577+/-0.175 χ^2/NDF : 444902.1/12

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

Right Out: 509.469+/-0.162 χ^2/NDF : 407108.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

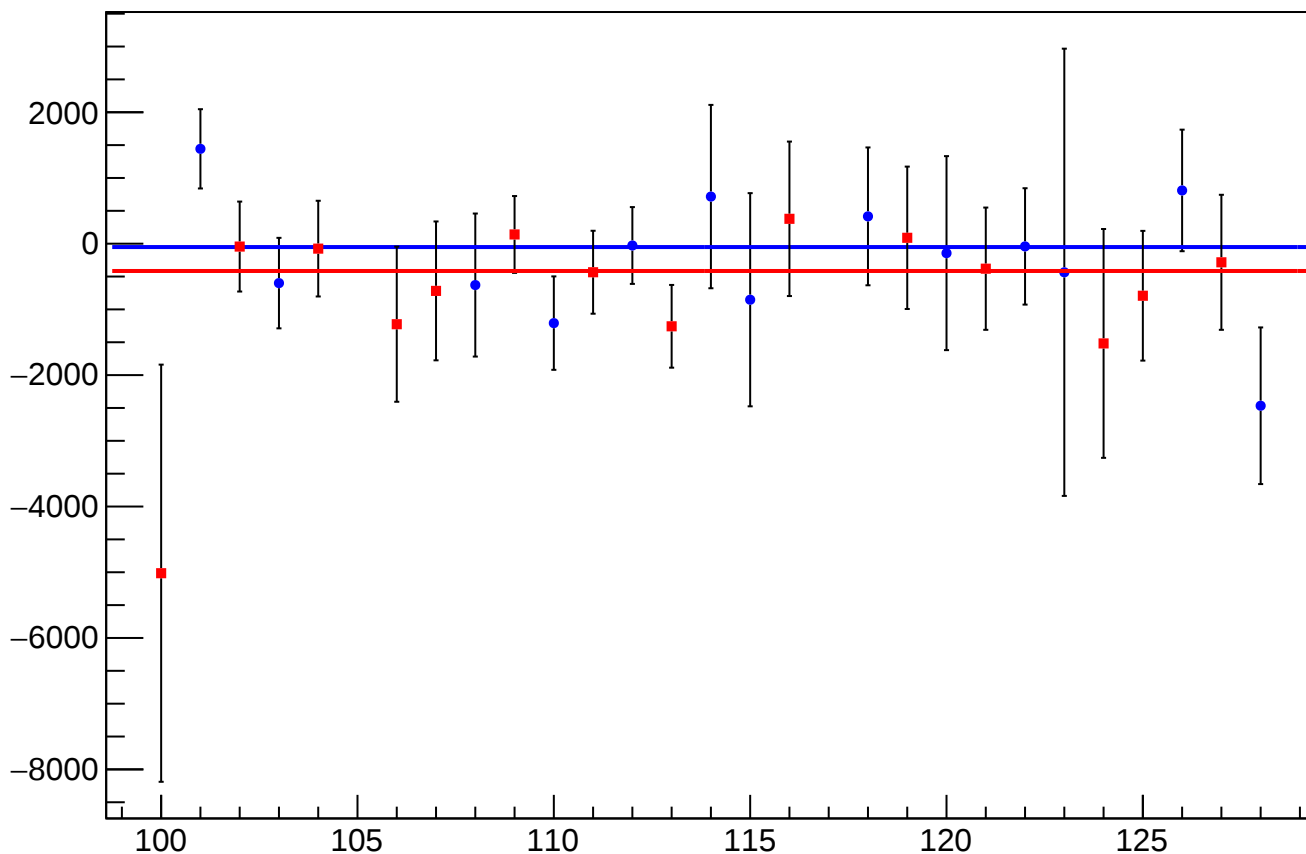
Right: 513.677+/-0.119 χ^2/NDF : 853471.0/26

In: 518.577+/-0.175 χ^2/NDF : 444902.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 513.677+/-0.119 χ^2/NDF : 853471.0/26

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -51.309 ± 249.177 χ^2/NDF : 15.4/12

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

Right Out: -415.505 ± 231.070 χ^2/NDF : 7.1/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

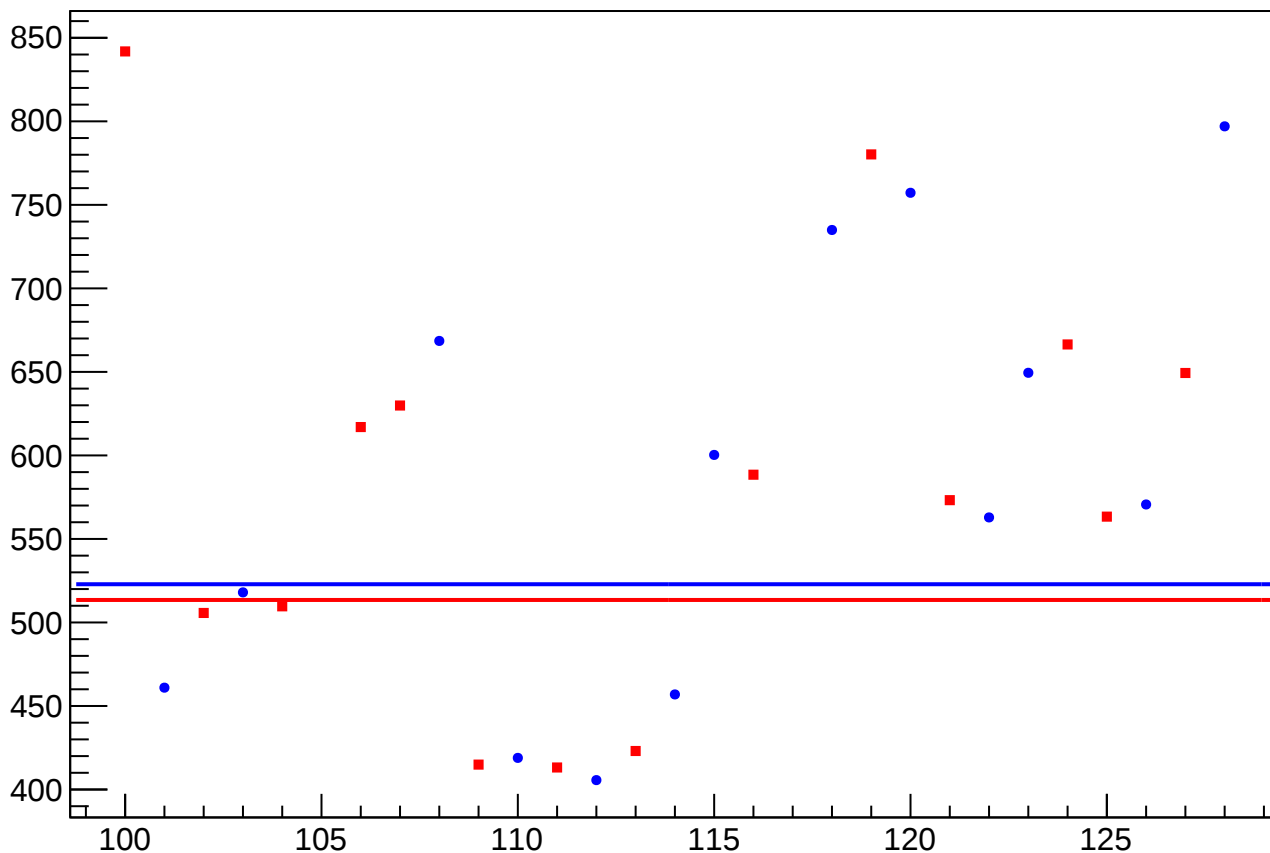
Right: -247.118 ± 169.431 χ^2/NDF : 23.7/26

In: -51.309 ± 249.177 χ^2/NDF : 15.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -247.118 ± 169.431 χ^2/NDF : 23.7/26

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 522.885+/-0.176 χ^2/NDF : 439496.9/12

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

Right Out: 513.468+/-0.163 χ^2/NDF : 403168.1/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

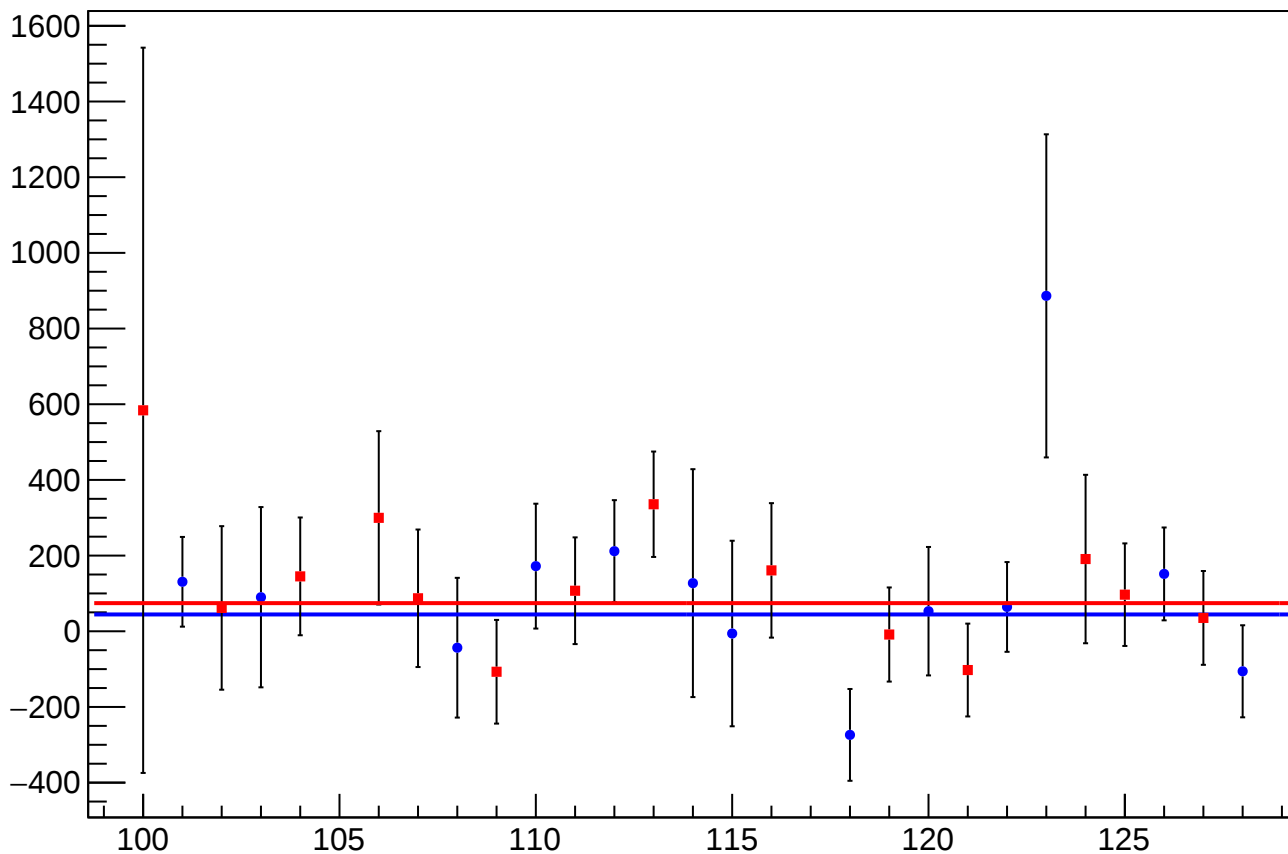
Right: 517.822+/-0.120 χ^2/NDF : 844201.0/26

In: 522.885+/-0.176 χ^2/NDF :439496.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 517.822+/-0.120 χ^2/NDF : 844201.0/26

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 44.457+/-42.611 χ^2/NDF : 16.1/12

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

Right Out: 74.366+/-41.860 χ^2/NDF : 10.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

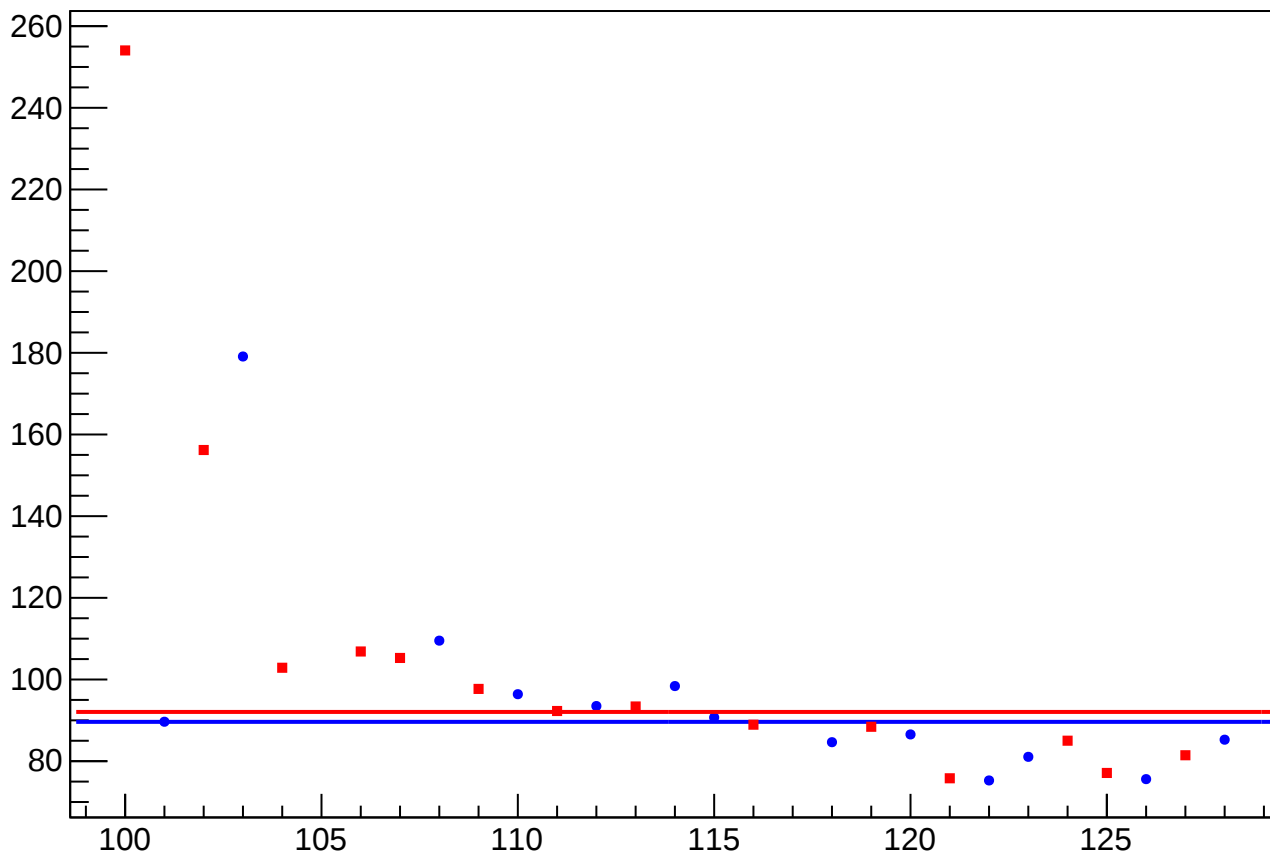
Right: 59.678+/-29.861 χ^2/NDF : 26.3/26

In: 44.457+/-42.611 χ^2/NDF : 16.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.678+/-29.861 χ^2/NDF : 26.3/26

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 89.628+/-0.030 χ^2/NDF : 374931.6/12

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

Right Out: 92.059+/-0.030 χ^2/NDF : 343872.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

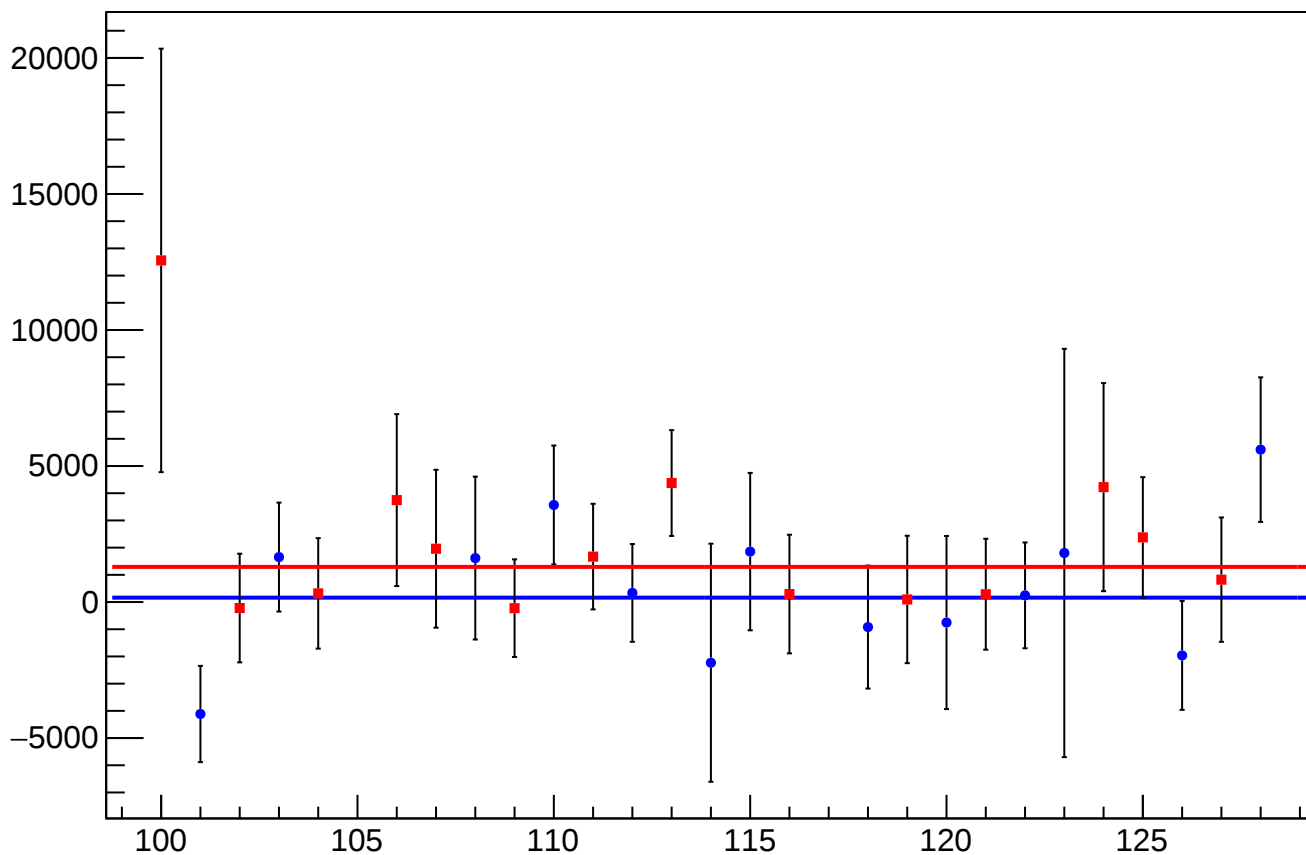
Right: 90.865+/-0.021 χ^2/NDF : 722115.1/26

In: 89.628+/-0.030 χ^2/NDF : 374931.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.865+/-0.021 χ^2/NDF : 722115.1/26

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: 161.571+/-653.849 χ^2/NDF : 15.4/12

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

Right Out: 1292.331+/-612.502 χ^2/NDF : 8.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

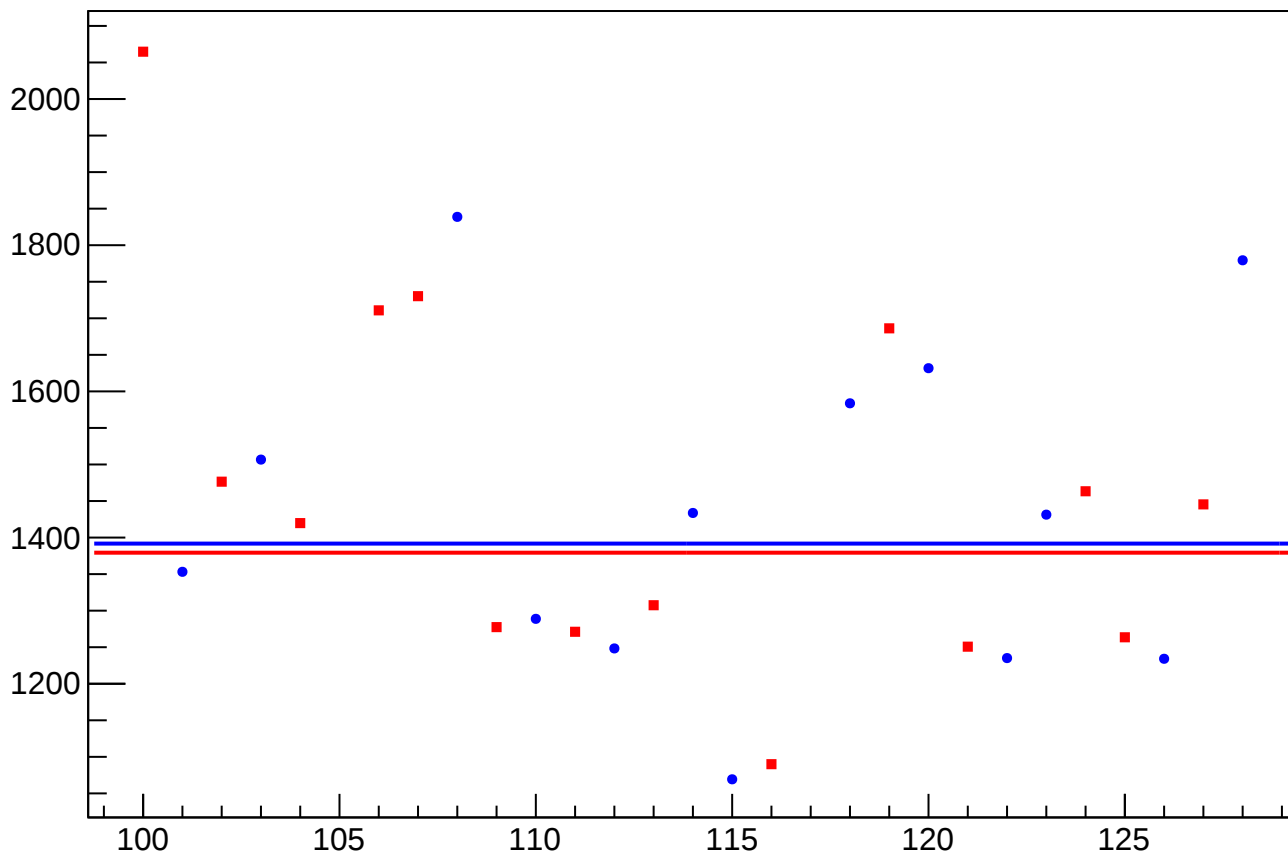
Right: 763.831+/-447.007 χ^2/NDF : 25.4/26

In: 161.571+/-653.849 χ^2/NDF : 15.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 763.831+/-447.007 χ^2/NDF : 25.4/26

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1391.759+/-0.462 χ^2/NDF : 188120.2/12

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

Right Out: 1379.320+/-0.433 χ^2/NDF : 173314.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

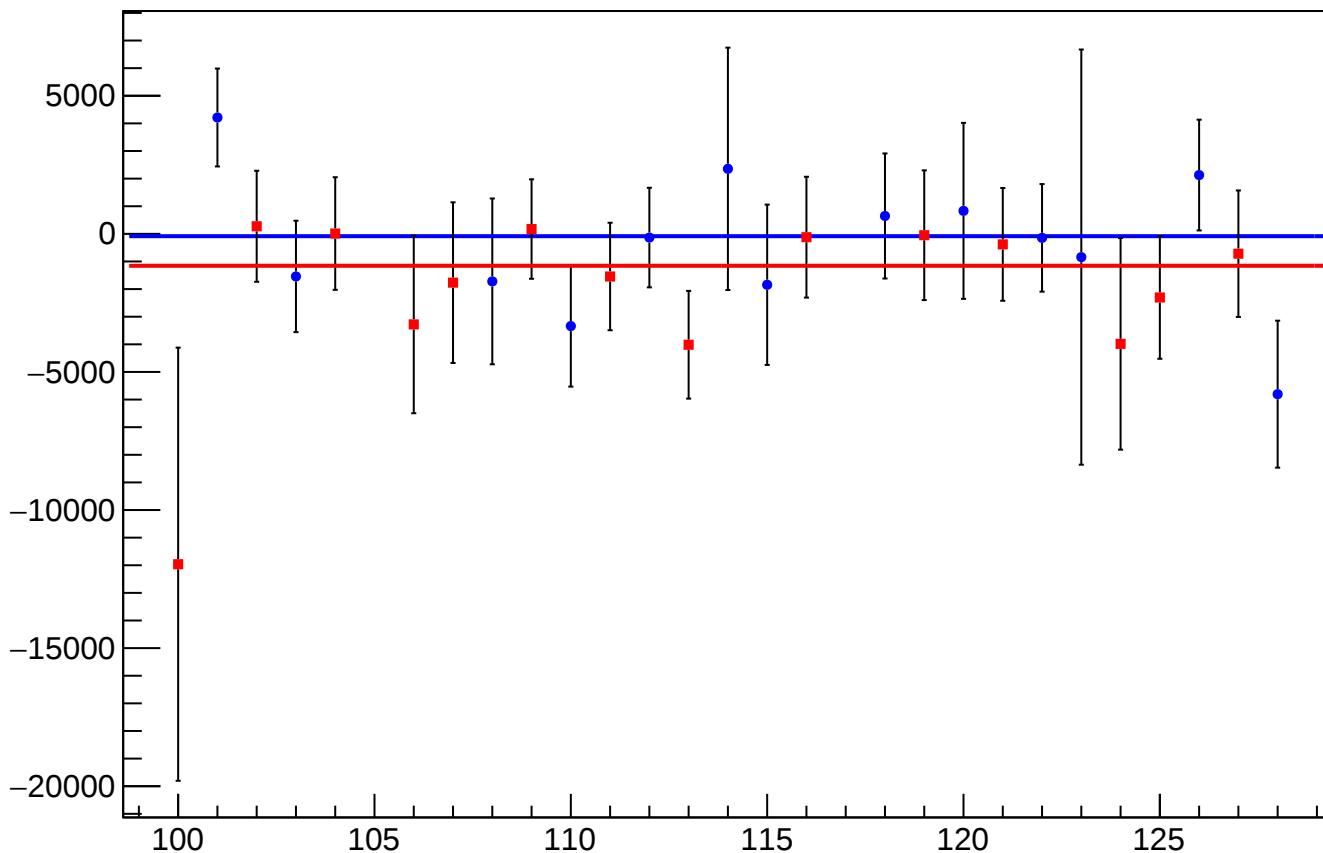
Right: 1385.134+/-0.316 χ^2/NDF : 361820.6/26

In: 1391.759+/-0.462 χ^2/NDF : 188120.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1385.134+/-0.316 χ^2/NDF : 361820.6/26

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: -84.274 ± 655.702 χ^2/NDF : 15.6/12

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

Right Out: -1156.466 ± 614.771 χ^2/NDF : 7.4/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

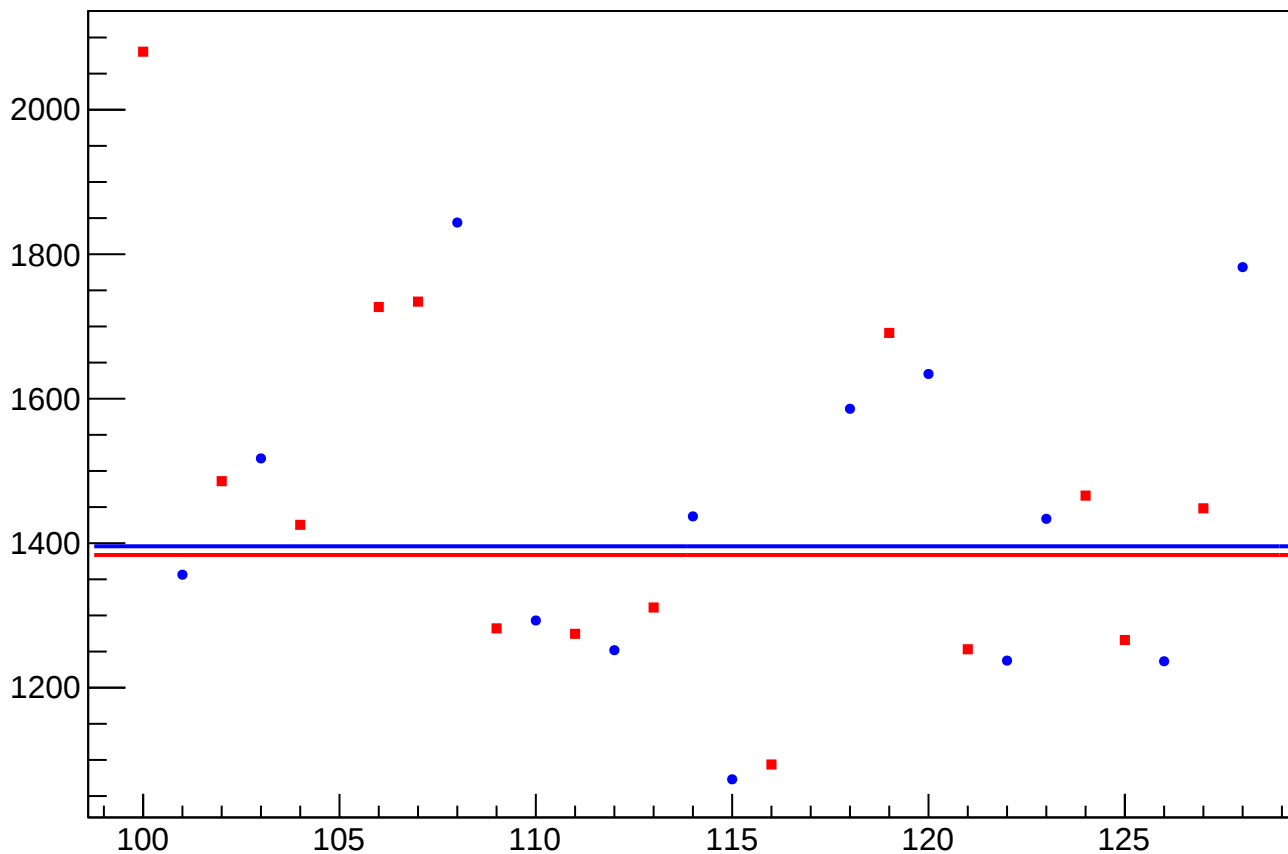
Right: -654.877 ± 448.481 χ^2/NDF : 24.4/26

In: -84.274 ± 655.702 χ^2/NDF : 15.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -654.877 ± 448.481 χ^2/NDF : 24.4/26

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1395.721+/-0.464 χ^2/NDF : 188176.5/12

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

Right Out: 1383.659+/-0.435 χ^2/NDF : 174750.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

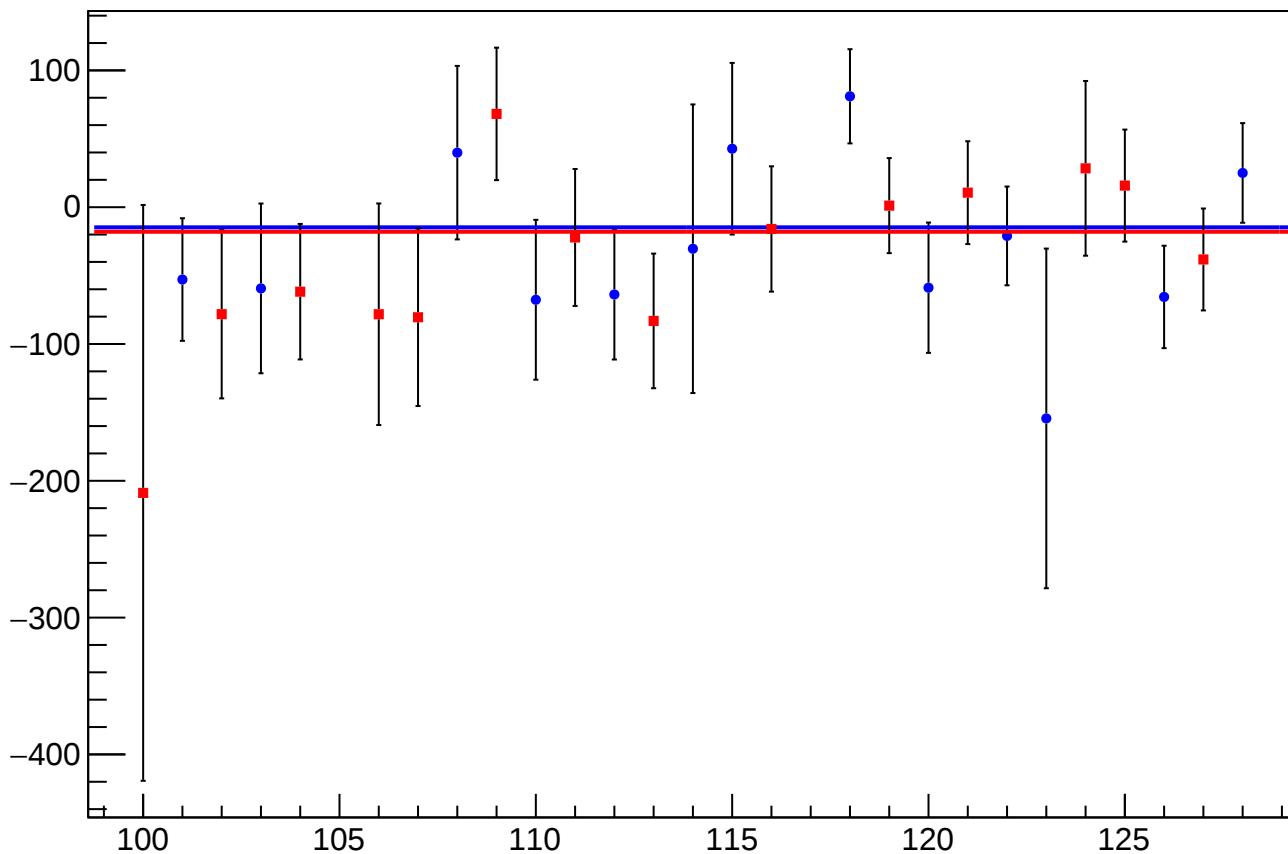
Right: 1389.302+/-0.317 χ^2/NDF : 363287.4/26

In: 1395.721+/-0.464 χ^2/NDF : 188176.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1389.302+/-0.317 χ^2/NDF : 363287.4/26

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -14.714 $\pm$ 13.279 χ^2 /NDF: 17.7/12

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

Right Out: -17.957 $\pm$ 13.021 χ^2 /NDF: 11.4/13

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

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

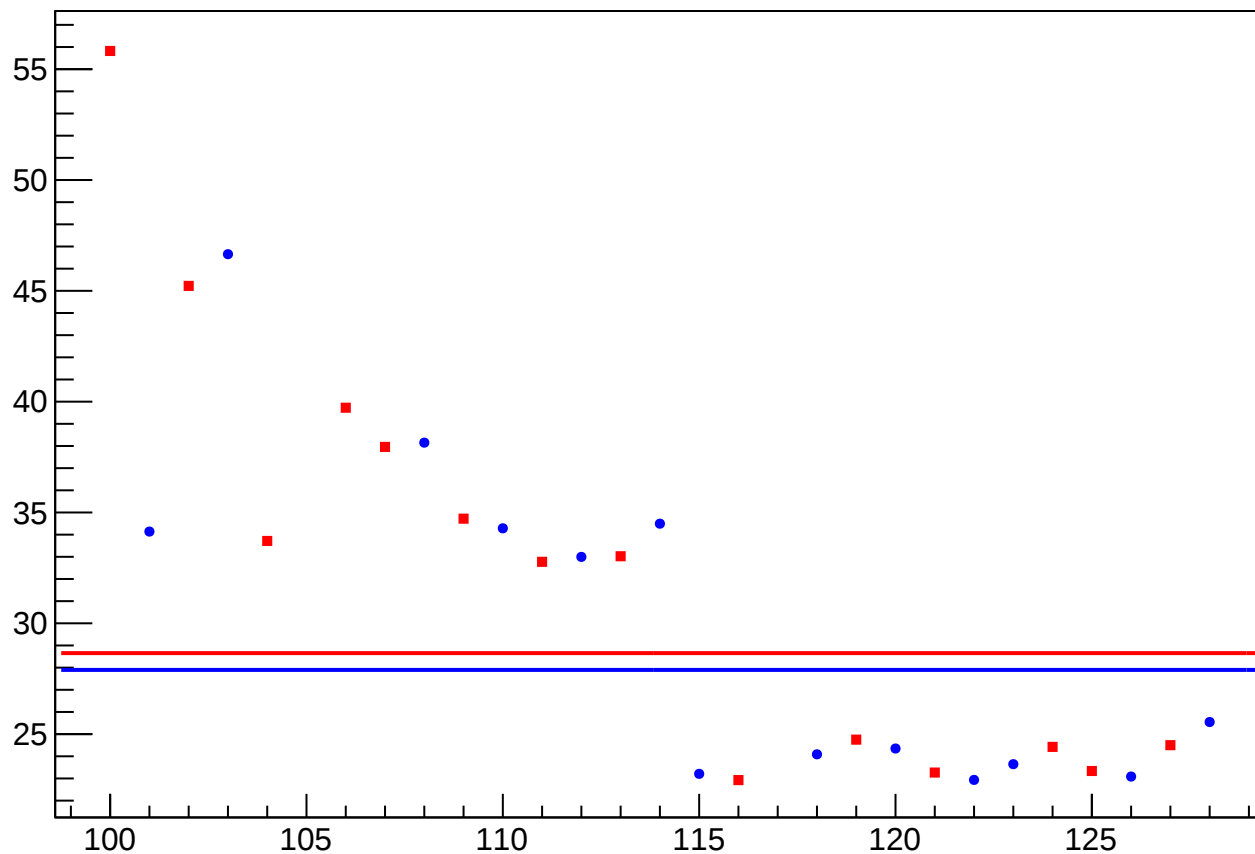
Right: -16.368 $\pm$ 9.297 χ^2 /NDF: 29.1/26

In: -14.714 $\pm$ 13.279 χ^2 /NDF:17.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -16.368 $\pm$ 9.297 χ^2 /NDF: 29.1/26

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 27.897+/-0.009 χ^2/NDF : 456973.4/12

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

Right Out: 28.655+/-0.009 χ^2/NDF : 503278.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

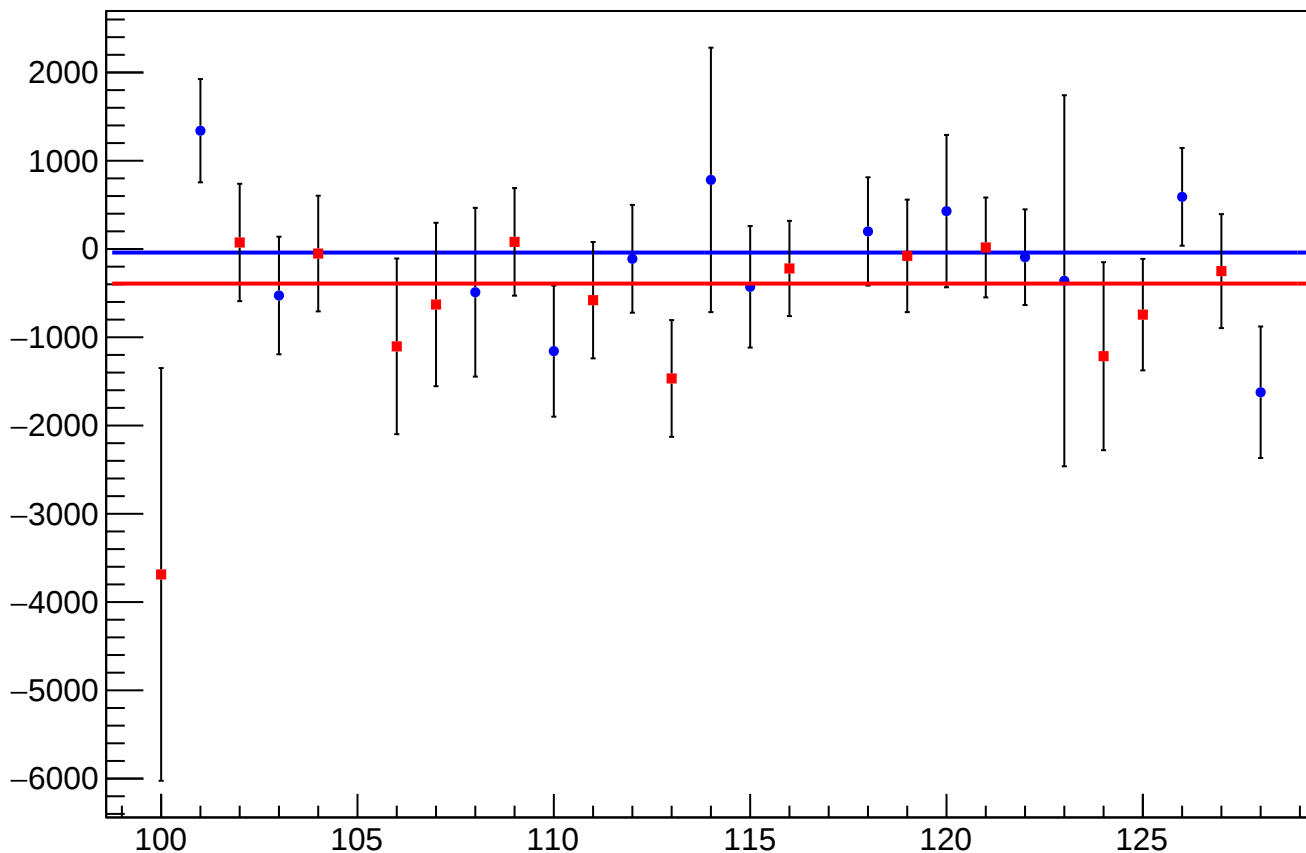
Right: 28.284+/-0.007 χ^2/NDF : 963574.9/26

In: 27.897+/-0.009 χ^2/NDF : 456973.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.284+/-0.007 χ^2/NDF : 963574.9/26

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: -40.260 ± 196.057 χ^2/NDF : 15.5/12

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

Right Out: -391.670 ± 185.564 χ^2/NDF : 8.5/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

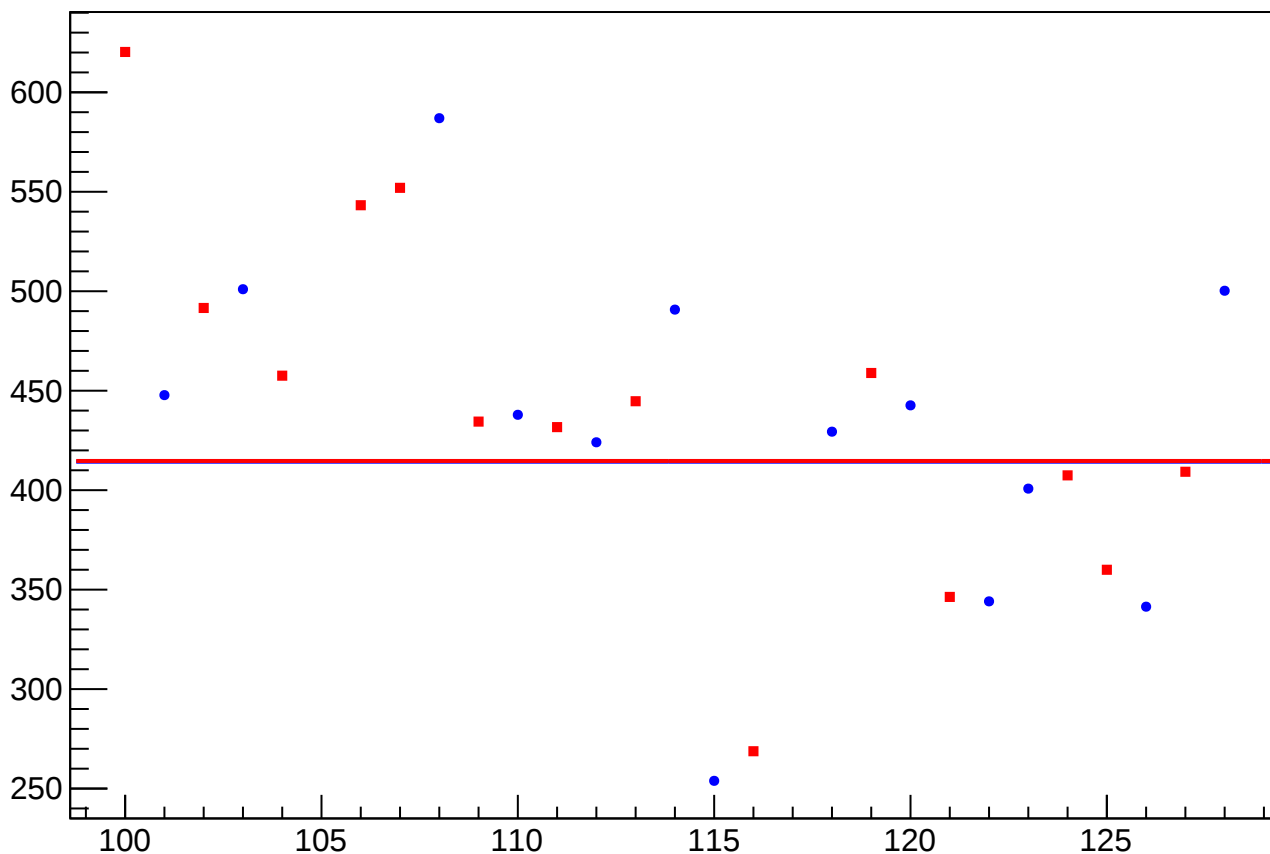
Right: -225.620 ± 134.771 χ^2/NDF : 25.7/26

In: -40.260 ± 196.057 χ^2/NDF : 15.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -225.620 ± 134.771 χ^2/NDF : 25.7/26

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 414.320+/-0.139 χ^2/NDF : 320326.9/12

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

Right Out: 414.683+/-0.131 χ^2/NDF : 336053.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

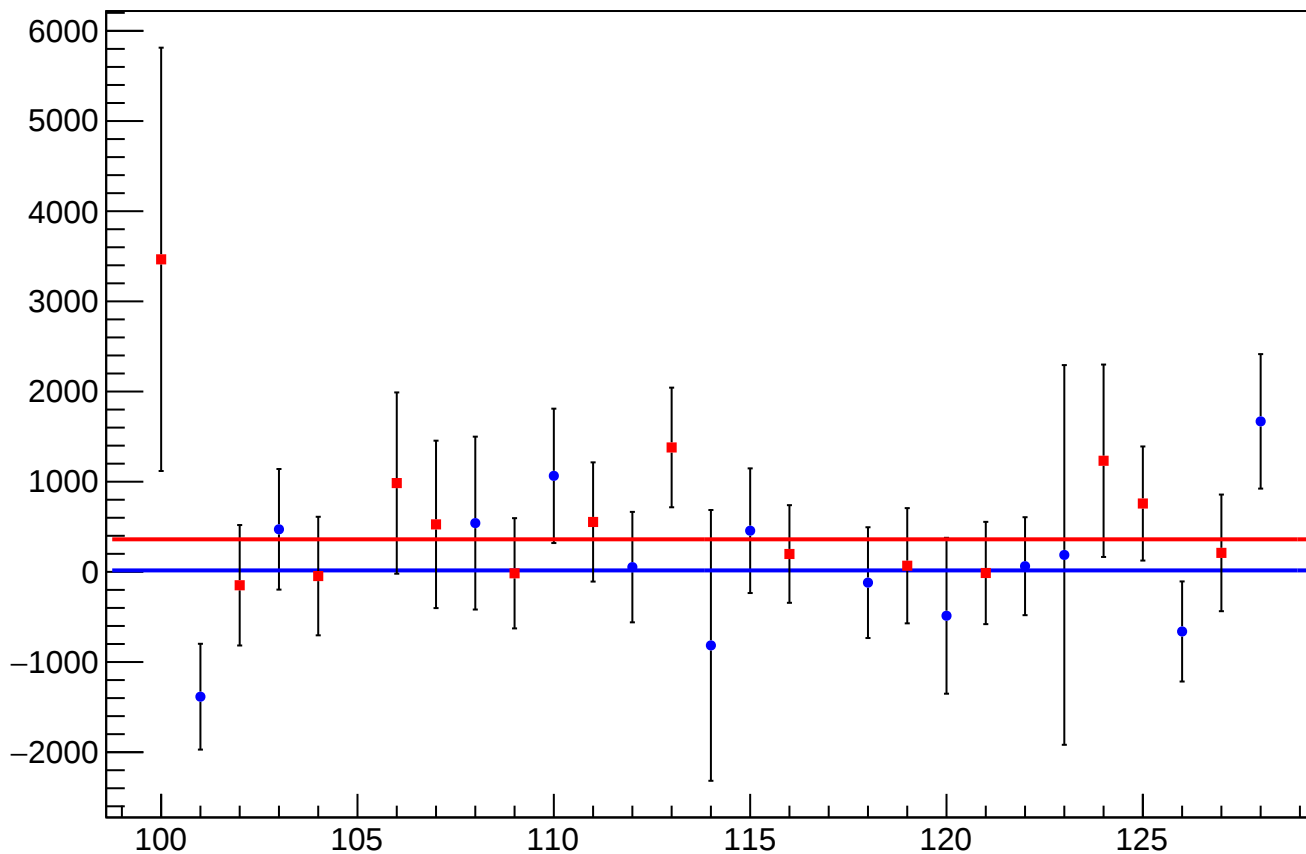
Right: 414.512+/-0.095 χ^2/NDF : 656383.6/26

In: 414.320+/-0.139 χ^2/NDF : 320326.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 414.512+/-0.095 χ^2/NDF : 656383.6/26

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 16.073+/-196.591 χ^2/NDF : 16.0/12

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

Right Out: 360.922+/-186.157 χ^2/NDF : 7.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

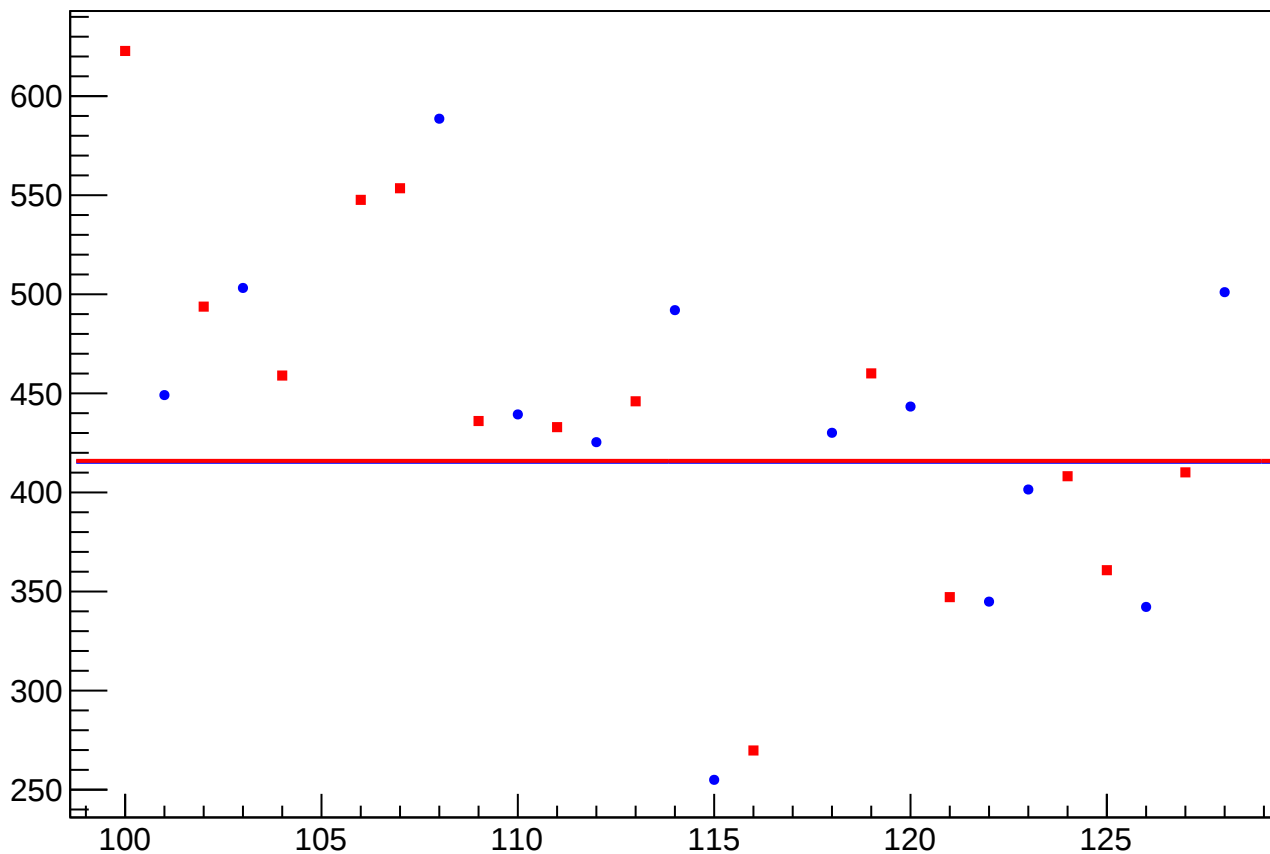
Right: 197.891+/-135.171 χ^2/NDF : 25.4/26

In: 16.073+/-196.591 χ^2/NDF : 16.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 197.891+/-135.171 χ^2/NDF : 25.4/26

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 415.464+/-0.139 χ^2/NDF : 320032.0/12

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

Right Out: 415.939+/-0.132 χ^2/NDF : 337226.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

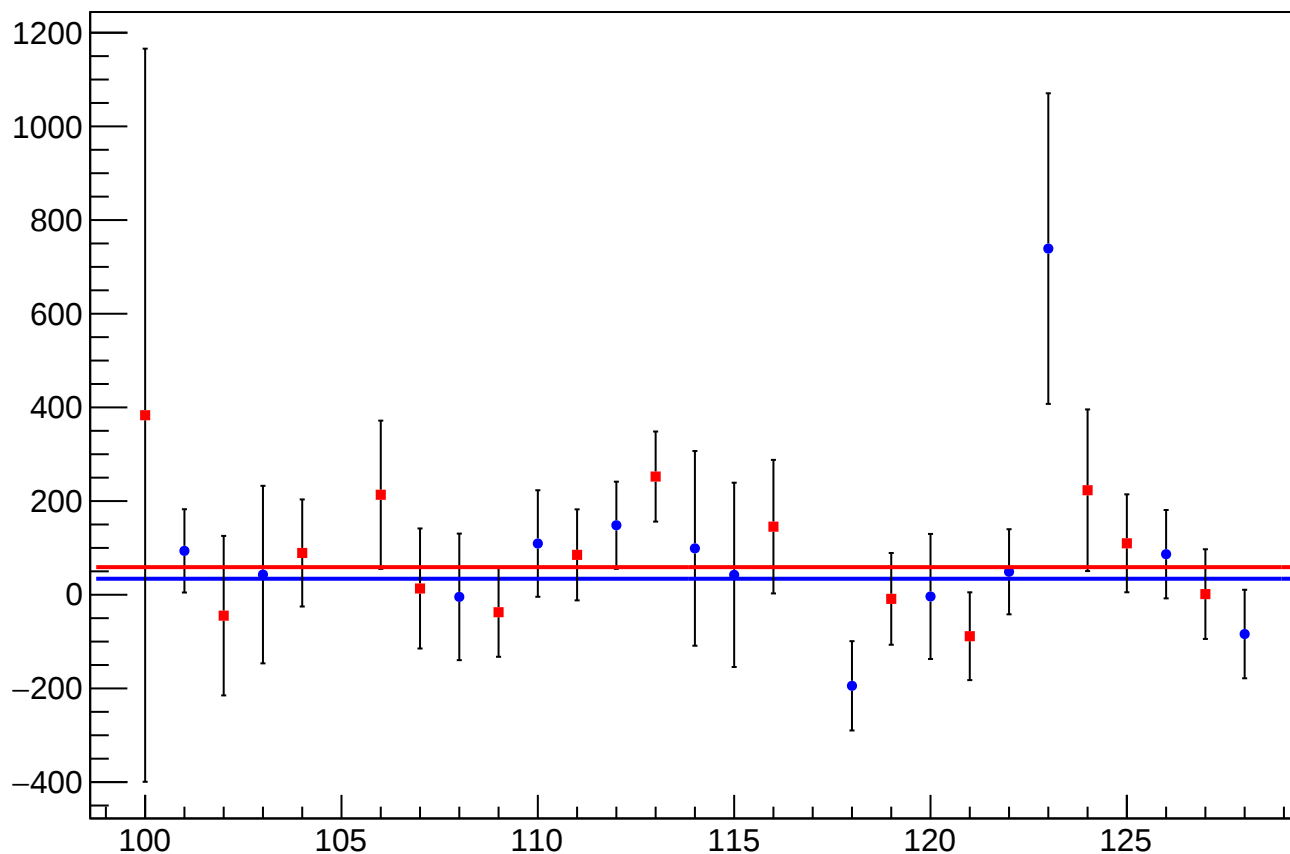
Right: 415.715+/-0.096 χ^2/NDF : 657264.2/26

In: 415.464+/-0.139 χ^2/NDF : 320032.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 415.715+/-0.096 χ^2/NDF : 657264.2/26

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 34.179+/-32.082 χ^2/NDF : 14.8/12

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

Right Out: 58.966+/-31.019 χ^2/NDF : 11.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

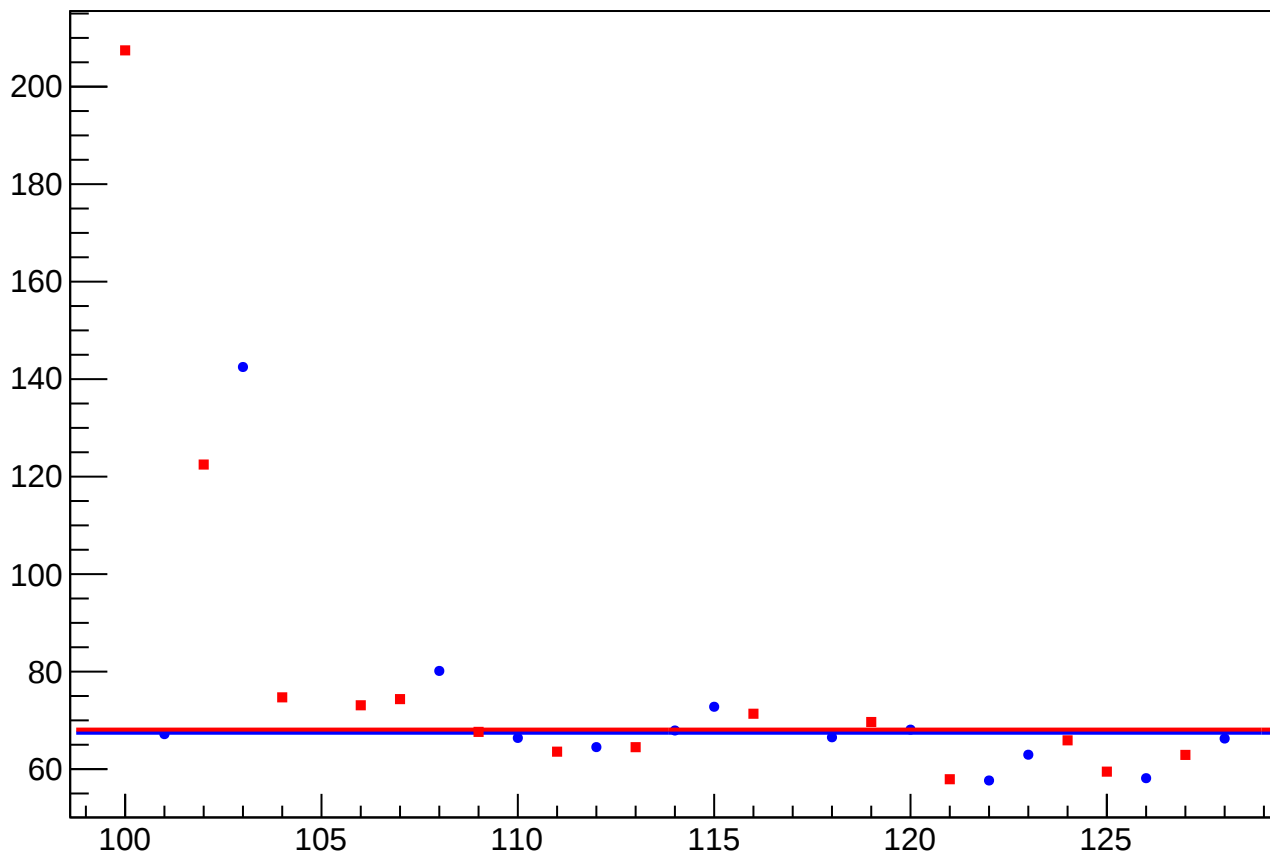
Right: 46.990+/-22.300 χ^2/NDF : 26.8/26

In: 34.179+/-32.082 χ^2/NDF : 14.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.990+/-22.300 χ^2/NDF : 26.8/26

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 67.462+/-0.023 χ^2/NDF : 378529.9/12

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

Right Out: 68.109+/-0.022 χ^2/NDF : 332942.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

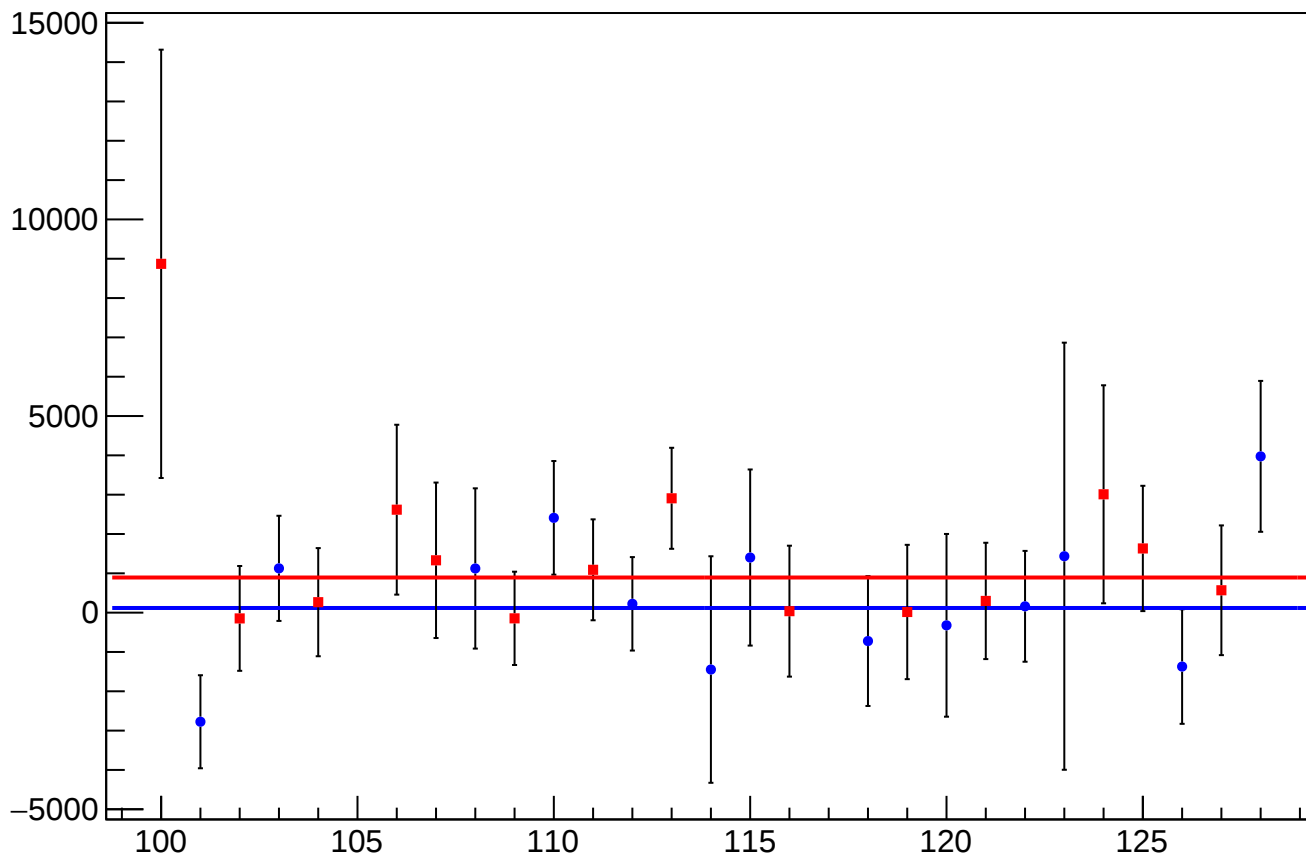
Right: 67.796+/-0.016 χ^2/NDF : 711892.9/26

In: 67.462+/-0.023 χ^2/NDF :378529.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 67.796+/-0.016 χ^2/NDF : 711892.9/26

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: 118.538 $\pm$ 453.883 χ^2 /NDF: 15.4/12

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

Right Out: 893.599 $\pm$ 423.648 χ^2 /NDF: 8.4/13

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

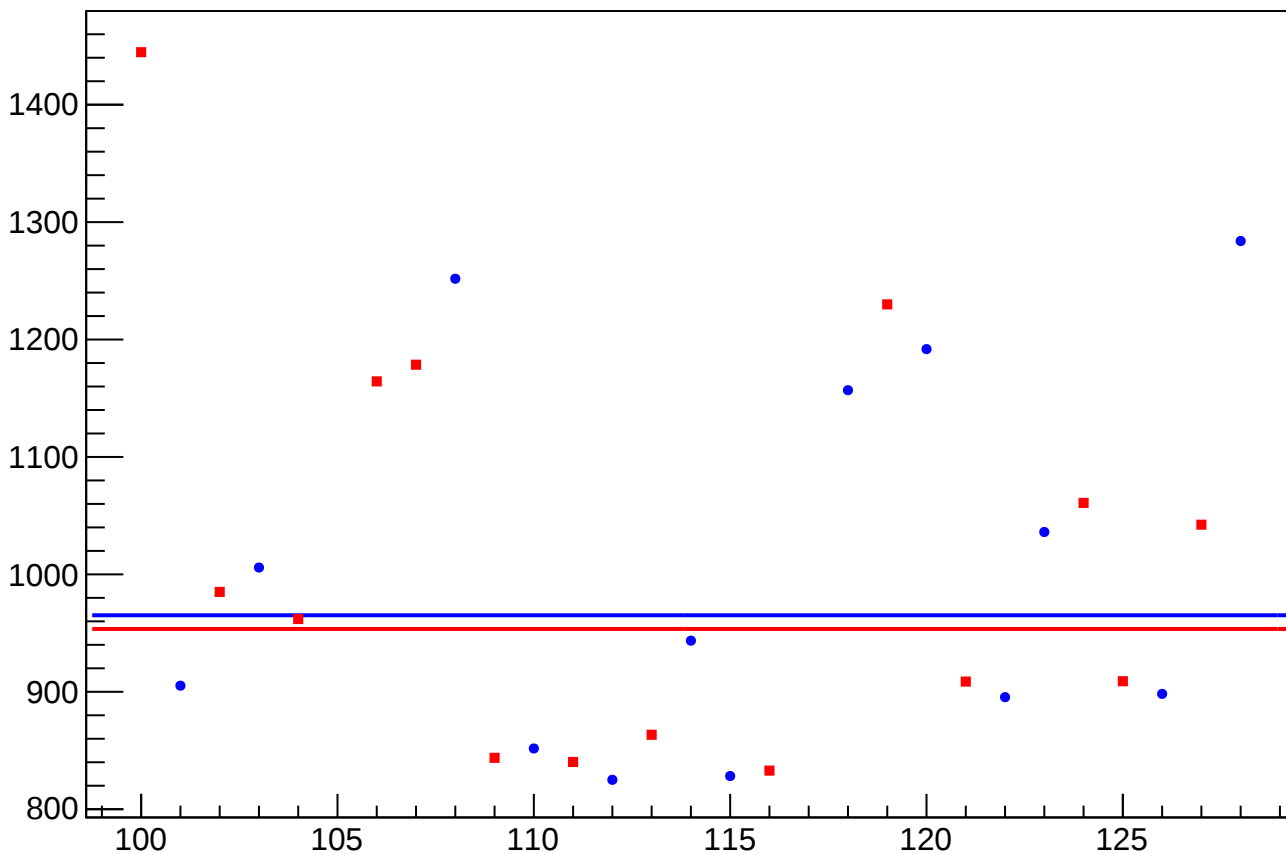
Right: 532.742 $\pm$ 309.702 χ^2 /NDF: 25.4/26

In: 118.538 $\pm$ 453.883 χ^2 /NDF:15.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 532.742 $\pm$ 309.702 χ^2 /NDF: 25.4/26

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 965.174+/-0.321 χ^2/NDF : 204903.0/12

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

Right Out: 953.522+/-0.300 χ^2/NDF : 180079.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

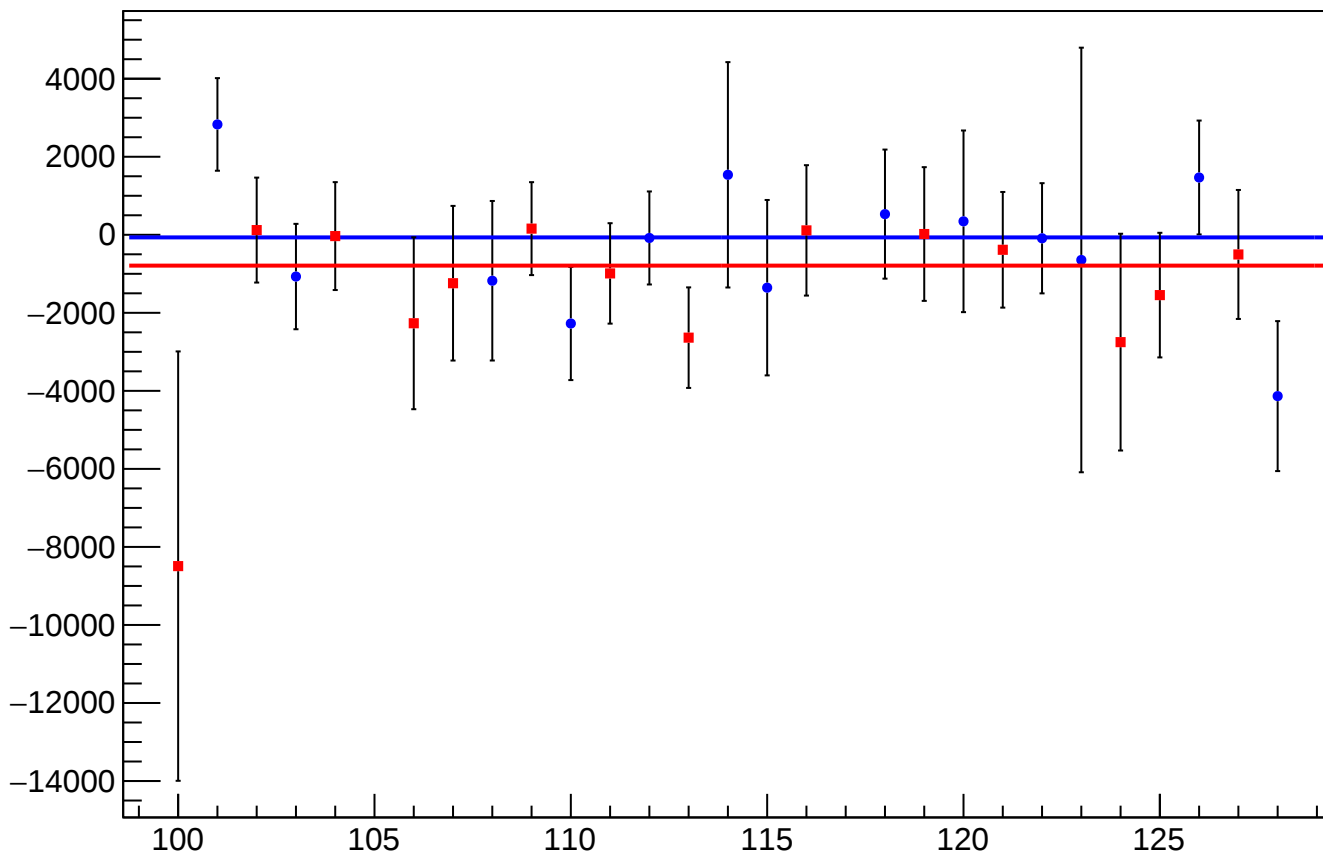
Right: 958.947+/-0.219 χ^2/NDF : 385686.6/26

In: 965.174+/-0.321 χ^2/NDF : 204903.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 958.947+/-0.219 χ^2/NDF : 385686.6/26

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: -66.863+/-455.483 χ^2/NDF : 15.5/12

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

Right Out: -790.202+/-425.540 χ^2/NDF : 7.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

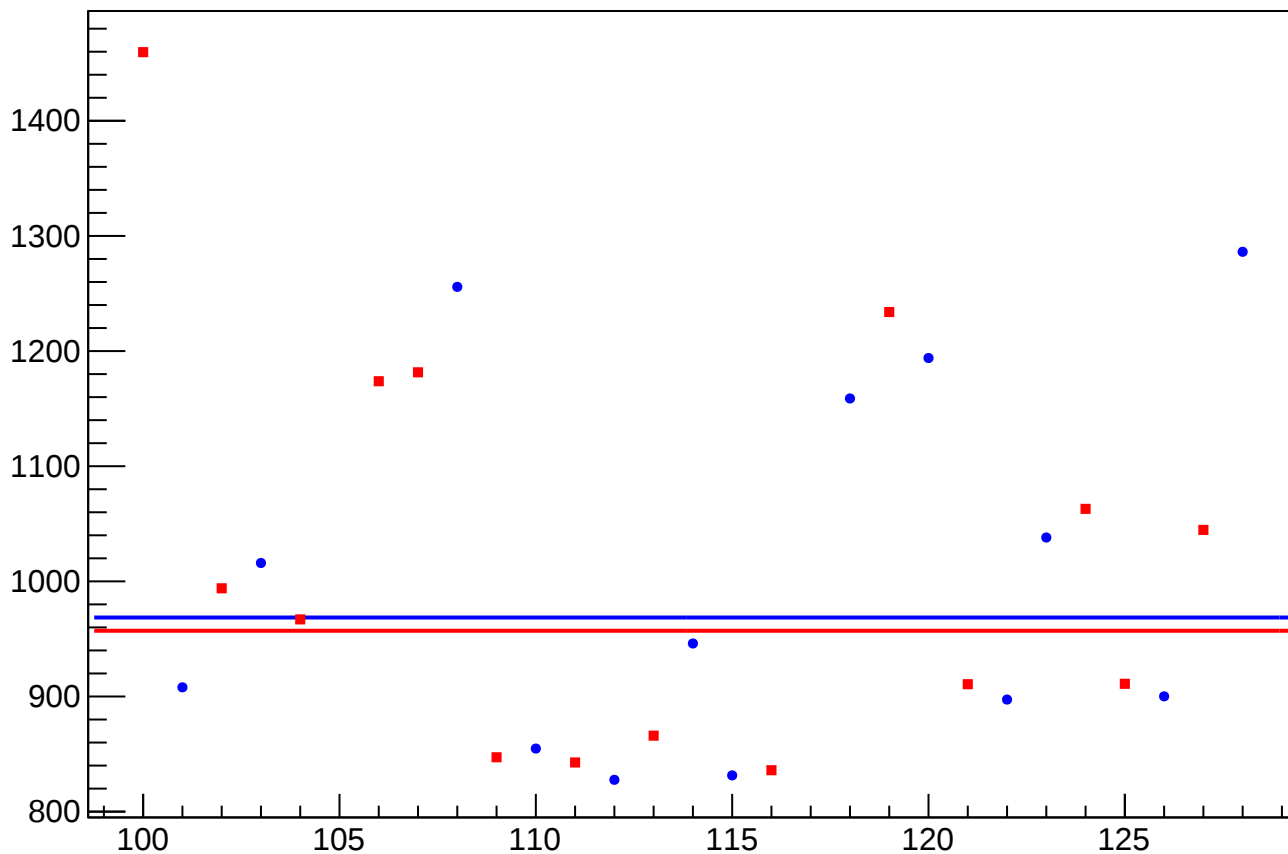
Right: -453.088+/-310.949 χ^2/NDF : 24.1/26

In: -66.863+/-455.483 χ^2/NDF : 15.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -453.088+/-310.949 χ^2/NDF : 24.1/26

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 968.606+/-0.322 χ^2/NDF : 204643.3/12

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

Right Out: 957.101+/-0.301 χ^2/NDF : 180966.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

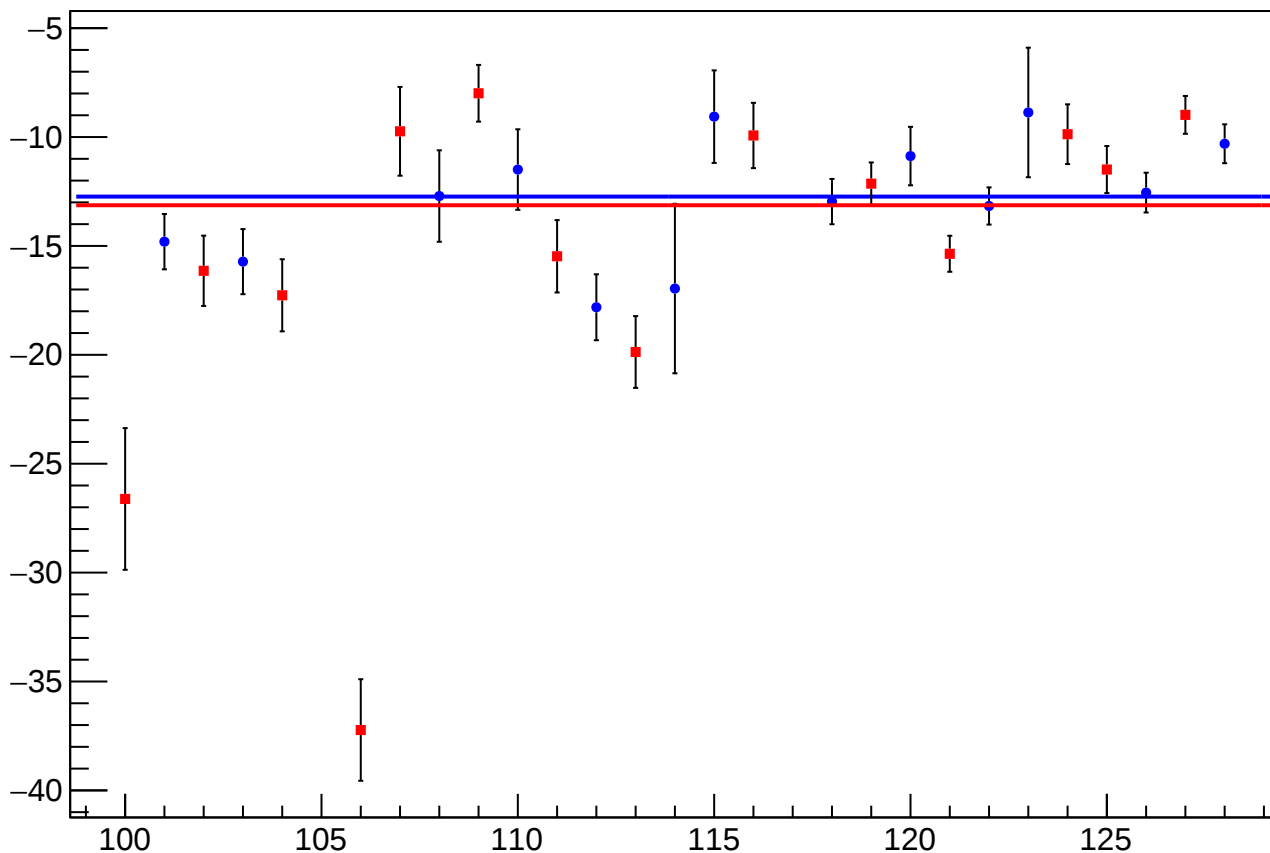
Right: 962.463+/-0.220 χ^2/NDF : 386290.9/26

In: 968.606+/-0.322 χ^2/NDF : 204643.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 962.463+/-0.220 χ^2/NDF : 386290.9/26

reg_asym_sam1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -12.734 ± 0.360 χ^2/NDF : 33.9/12

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

Right Out: -13.132 ± 0.348 χ^2/NDF : 214.3/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

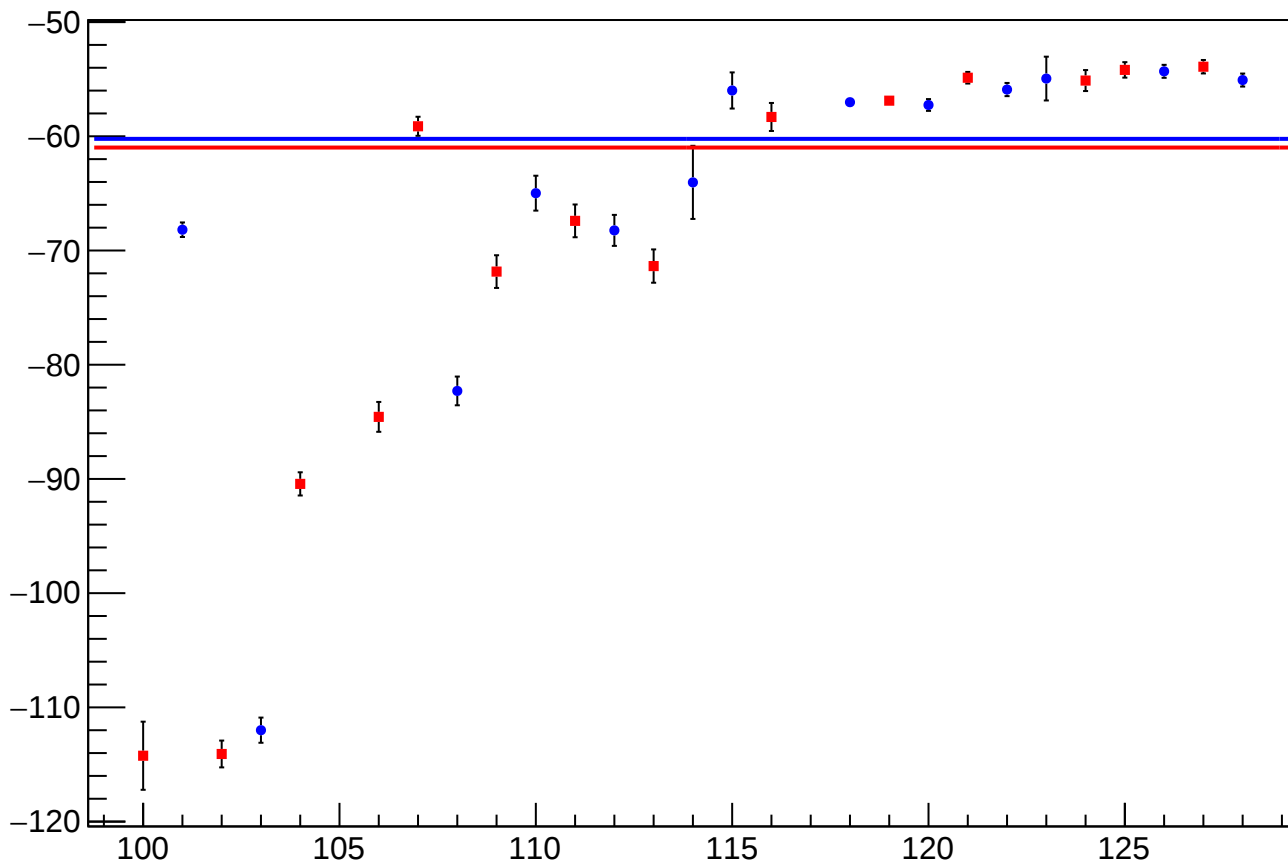
Right: -12.940 ± 0.250 χ^2/NDF : 248.8/26

In: -12.734 ± 0.360 χ^2/NDF : 33.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.940 ± 0.250 χ^2/NDF : 248.8/26

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -60.225+/-0.199 χ^2/NDF : 3079.1/12

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

Right Out: -60.986+/-0.207 χ^2/NDF : 4220.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

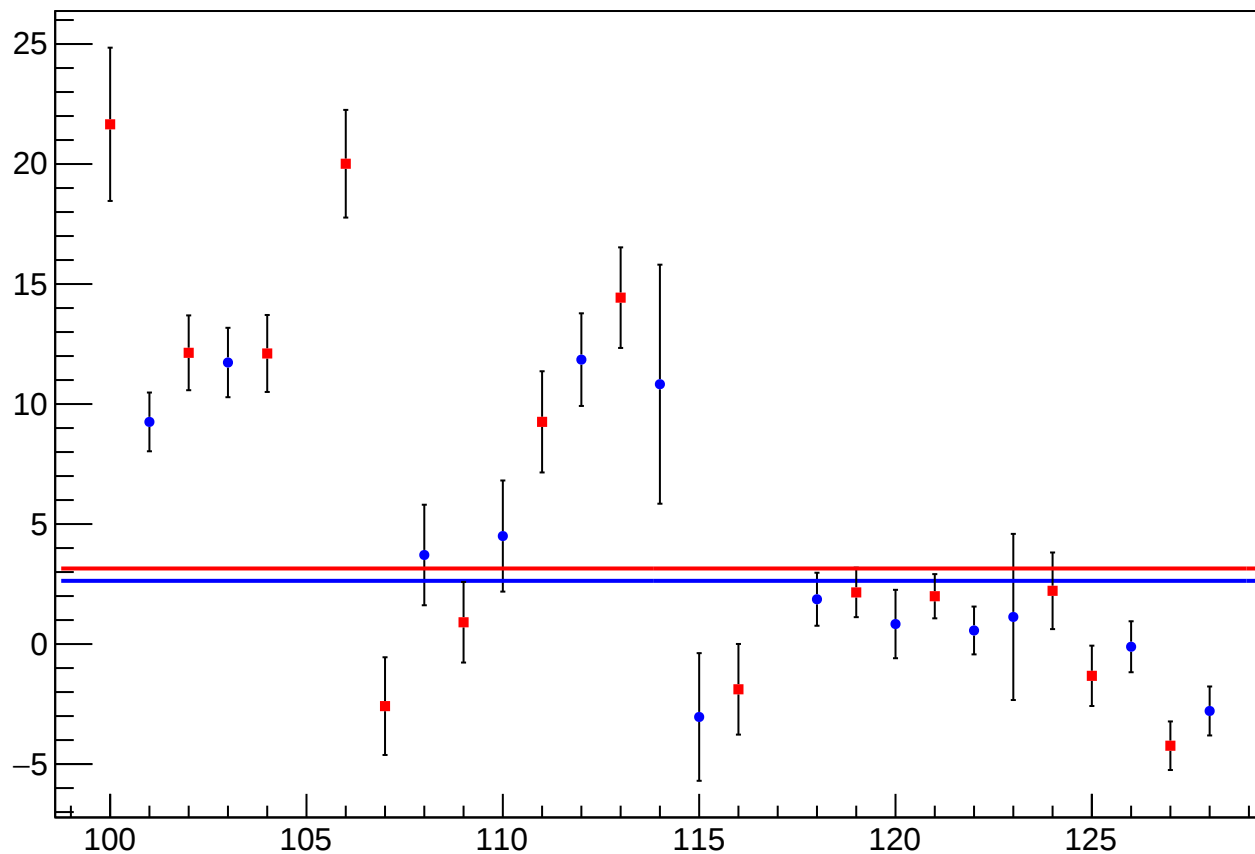
Right: -60.590+/-0.143 χ^2/NDF : 7307.0/26

In: -60.225+/-0.199 χ^2/NDF :3079.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -60.590+/-0.143 χ^2/NDF : 7307.0/26

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.634+/-0.400 χ^2/NDF : 141.3/12

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

Right Out: 3.148+/-0.391 χ^2/NDF : 277.5/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

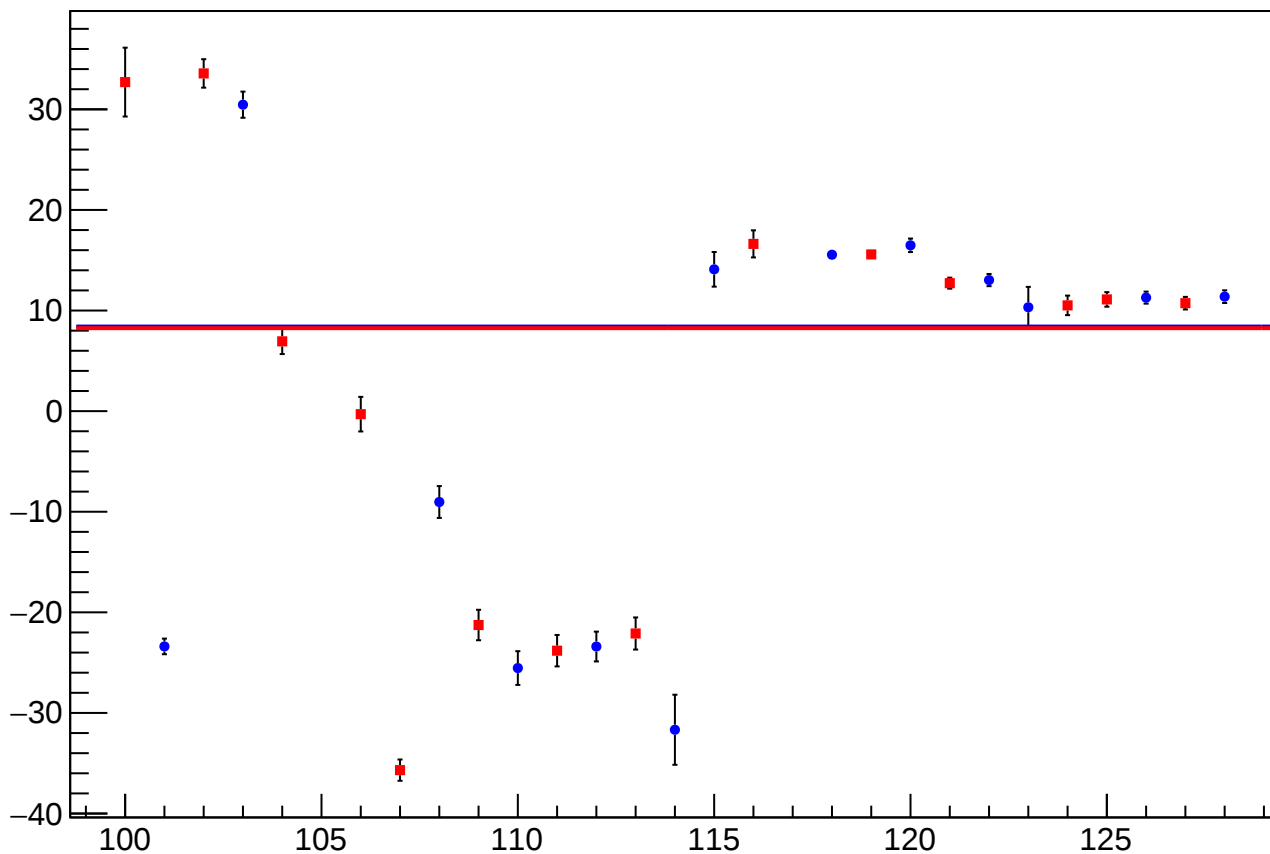
Right: 2.897+/-0.279 χ^2/NDF : 419.7/26

In: 2.634+/-0.400 χ^2/NDF :141.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2.897+/-0.279 χ^2/NDF : 419.7/26

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.406 $\pm$ 0.234 χ^2 /NDF: 3554.1/12

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

Right Out: 8.249 $\pm$ 0.239 χ^2 /NDF: 3659.2/13

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

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

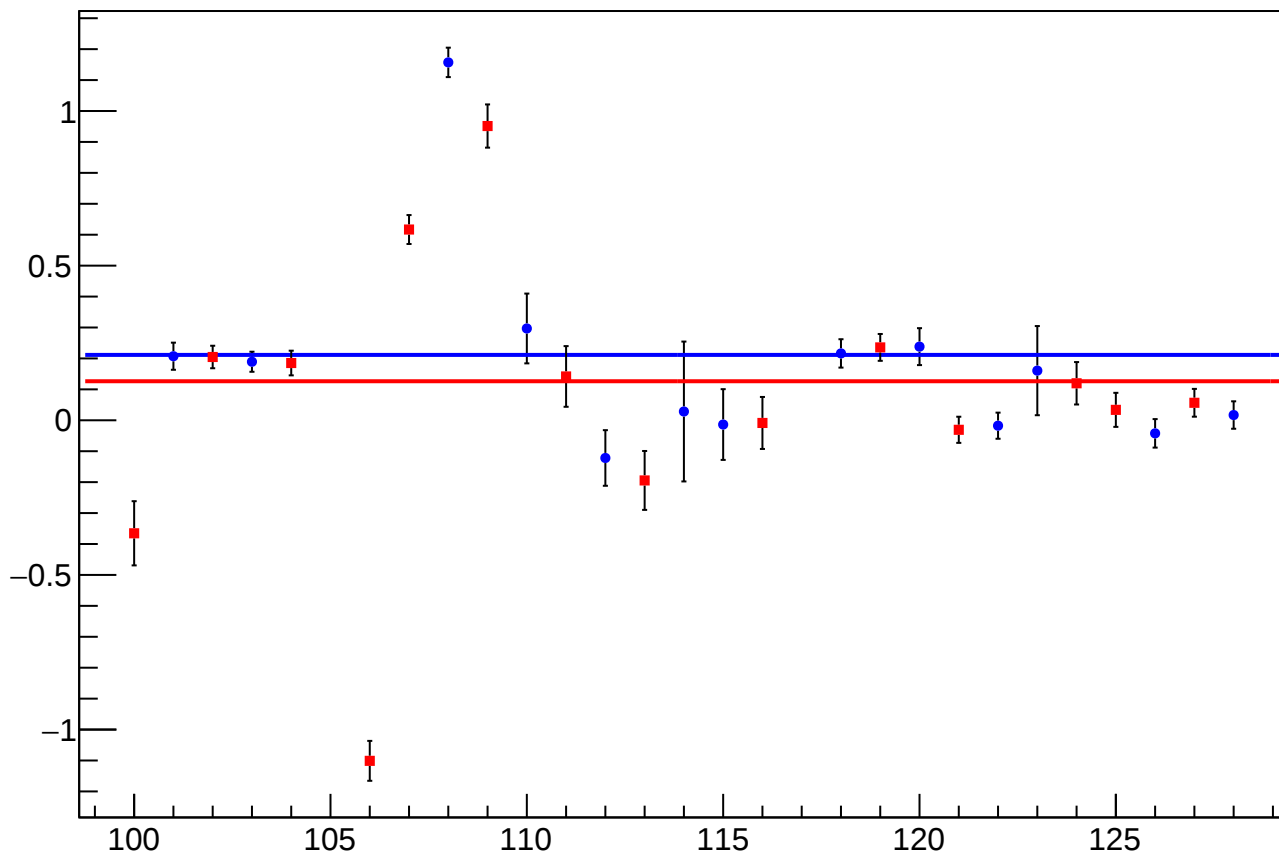
Right: 8.329 $\pm$ 0.167 χ^2 /NDF: 7213.5/26

In: 8.406 $\pm$ 0.234 χ^2 /NDF:3554.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 8.329 $\pm$ 0.167 χ^2 /NDF: 7213.5/26

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.211+/-0.015 χ^2/NDF : 493.7/12

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

Right Out: 0.126+/-0.014 χ^2/NDF : 680.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

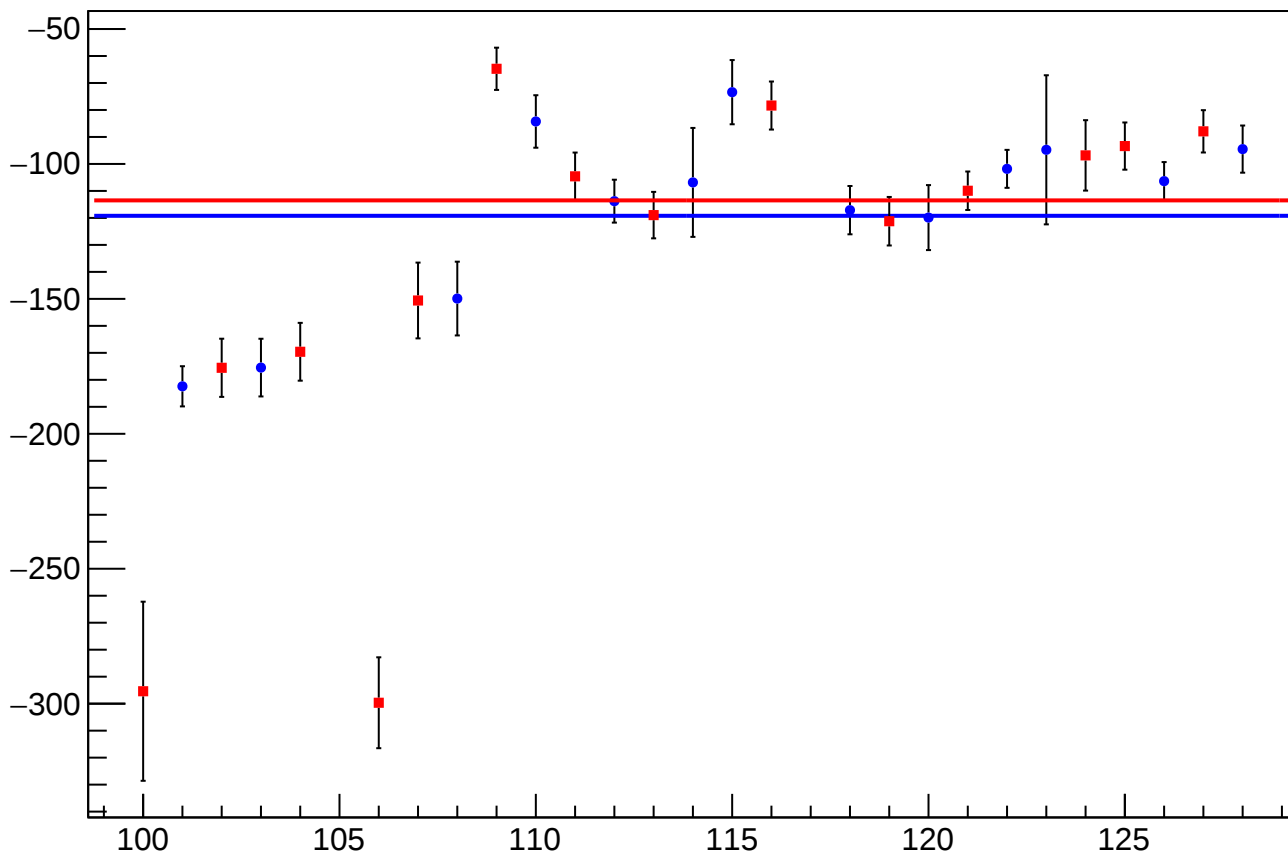
Right: 0.167+/-0.010 χ^2/NDF : 1190.7/26

In: 0.211+/-0.015 χ^2/NDF : 493.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.167+/-0.010 χ^2/NDF : 1190.7/26

reg_asym_sam2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -119.218+/-2.653 χ^2/NDF : 151.6/12

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

Right Out: -113.504+/-2.587 χ^2/NDF : 294.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

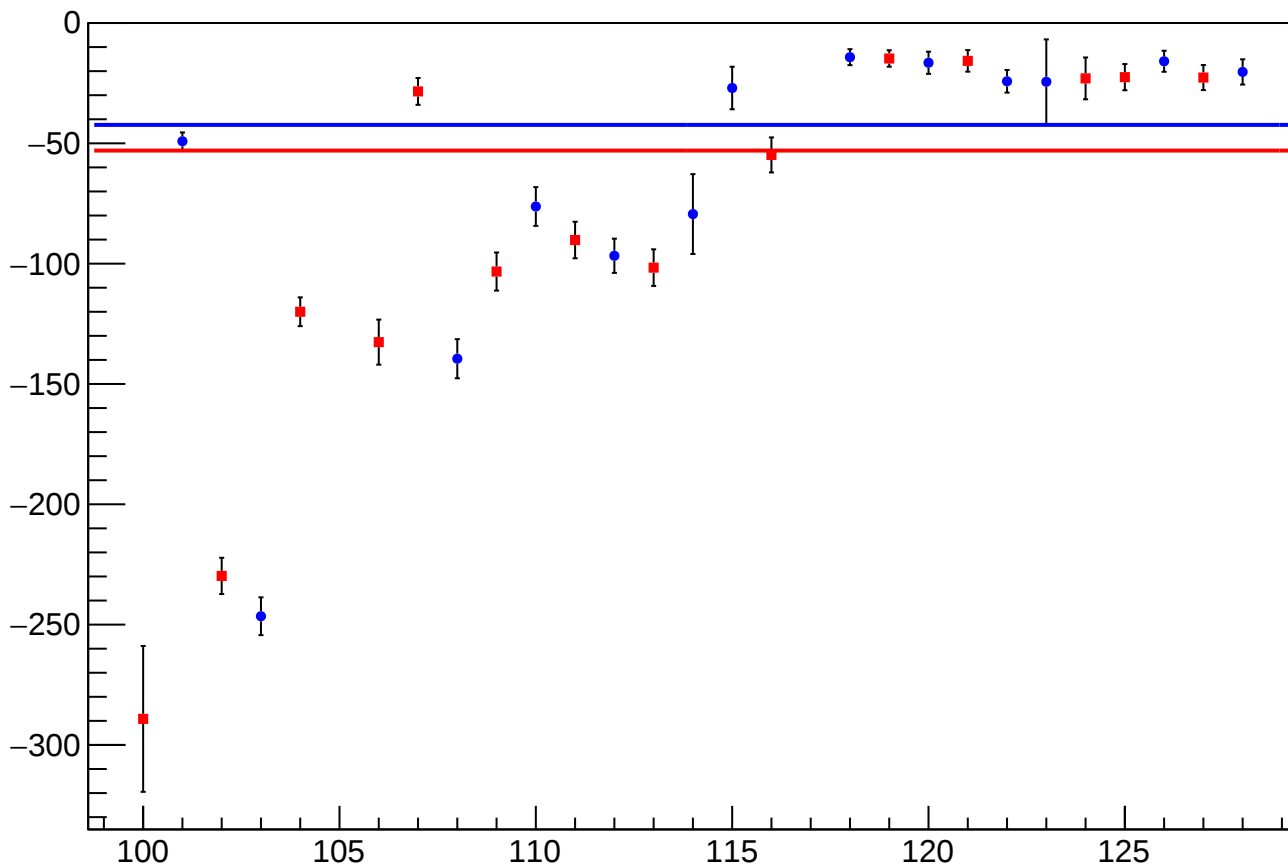
Right: -116.290+/-1.852 χ^2/NDF : 448.2/26

In: -119.218+/-2.653 χ^2/NDF : 151.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -116.290+/-1.852 χ^2/NDF : 448.2/26

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.335+/-1.521 χ^2/NDF : 1078.6/12

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

Right Out: -53.011+/-1.624 χ^2/NDF : 1205.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

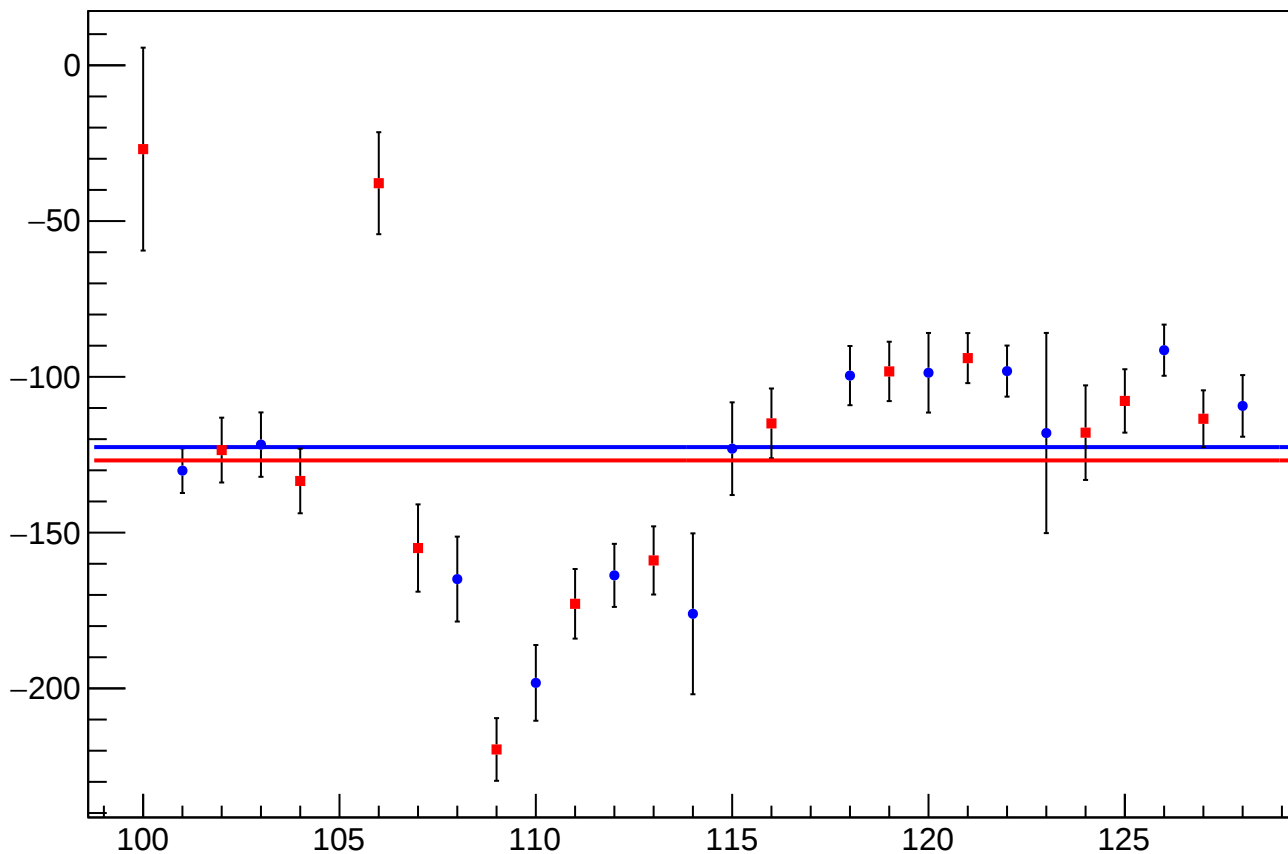
Right: -47.324+/-1.110 χ^2/NDF : 2307.1/26

In: -42.335+/-1.521 χ^2/NDF :1078.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -47.324+/-1.110 χ^2/NDF : 2307.1/26

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -122.548 $\pm$ 2.951 χ^2 /NDF: 104.7/12

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

Right Out: -126.826 $\pm$ 2.949 χ^2 /NDF: 187.0/13

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

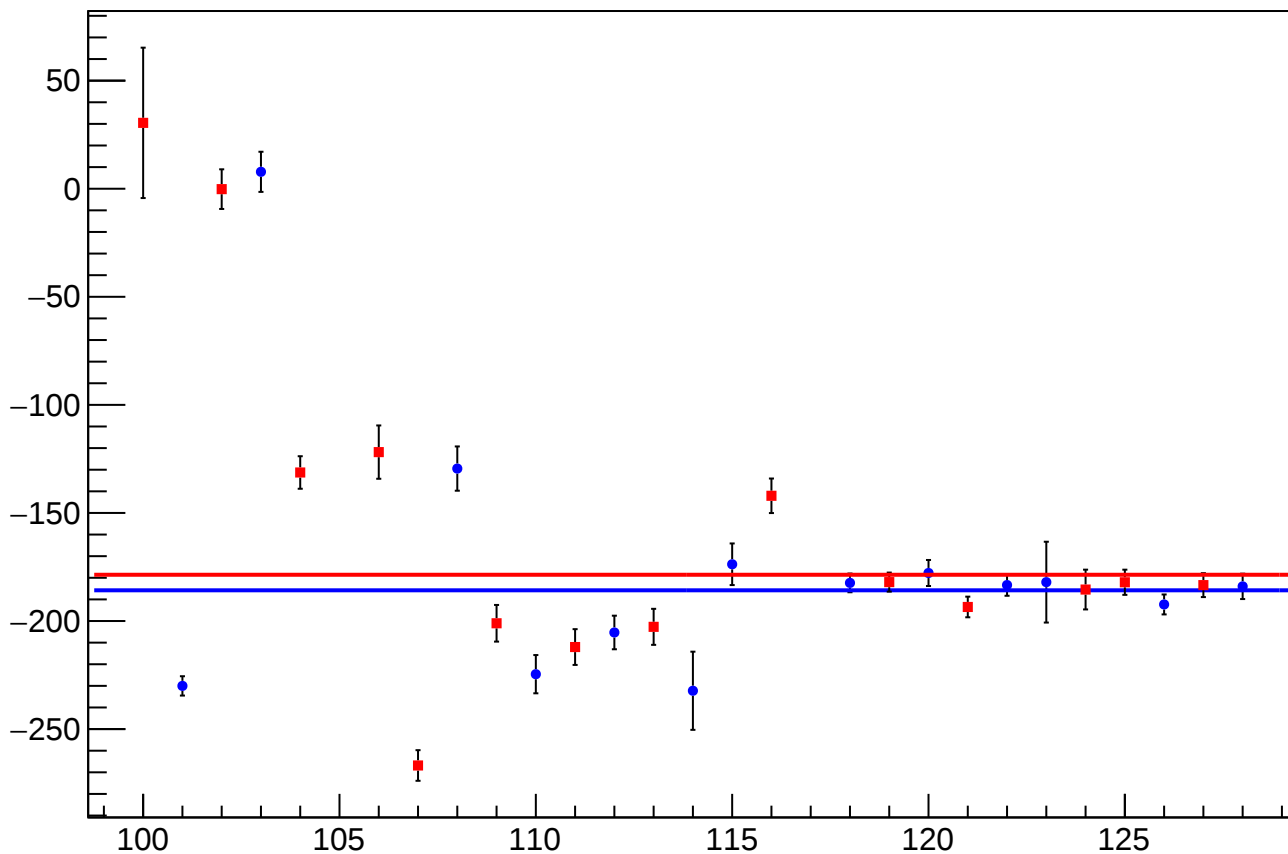
Right: -124.689 $\pm$ 2.086 χ^2 /NDF: 292.8/26

In: -122.548 $\pm$ 2.951 χ^2 /NDF:104.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -124.689 $\pm$ 2.086 χ^2 /NDF: 292.8/26

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -185.792+/-1.783 χ^2/NDF : 601.6/12

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

Right Out: -178.599+/-1.874 χ^2/NDF : 694.6/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

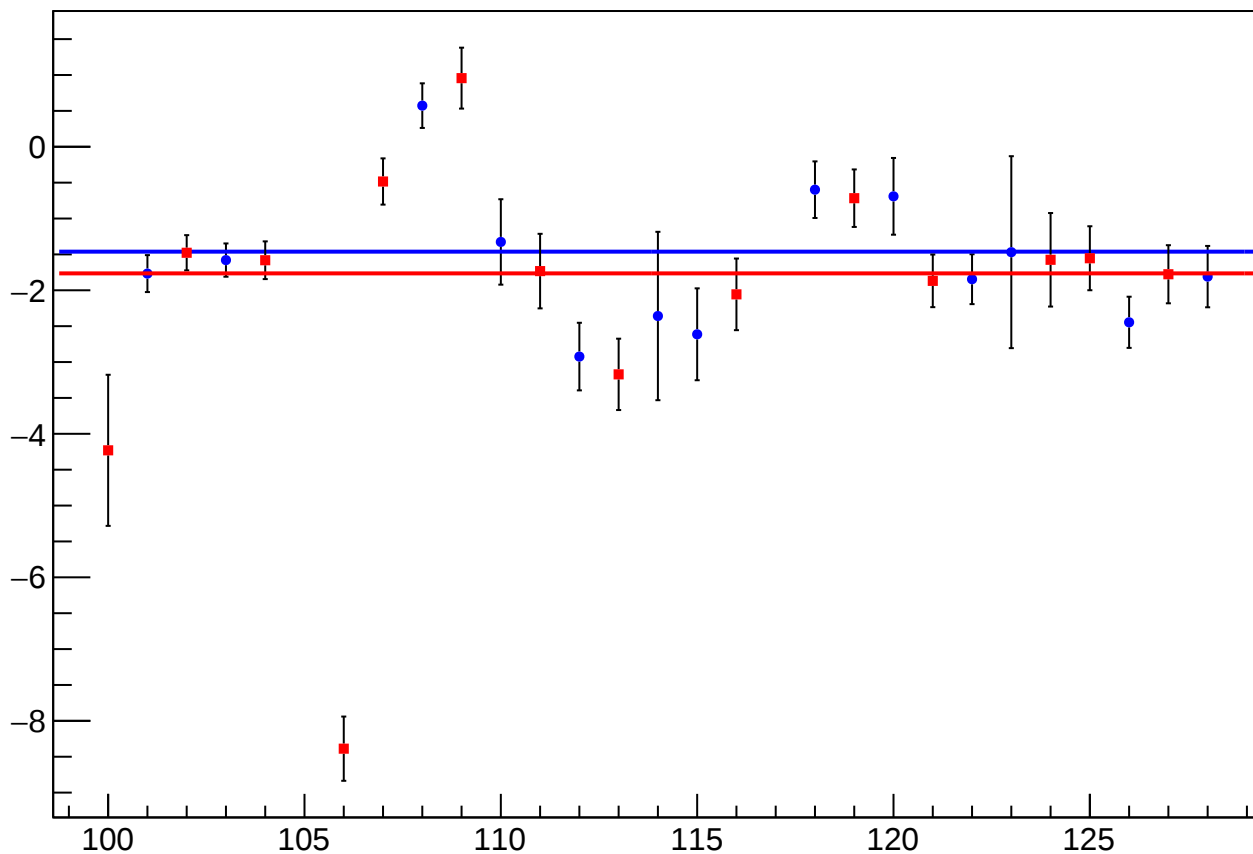
Right: -182.375+/-1.291 χ^2/NDF : 1303.9/26

In: -185.792+/-1.783 χ^2/NDF :601.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -182.375+/-1.291 χ^2/NDF : 1303.9/26

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.462 ± 0.107 χ^2/NDF : 74.4/12

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

Right Out: -1.764 ± 0.105 χ^2/NDF : 298.8/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

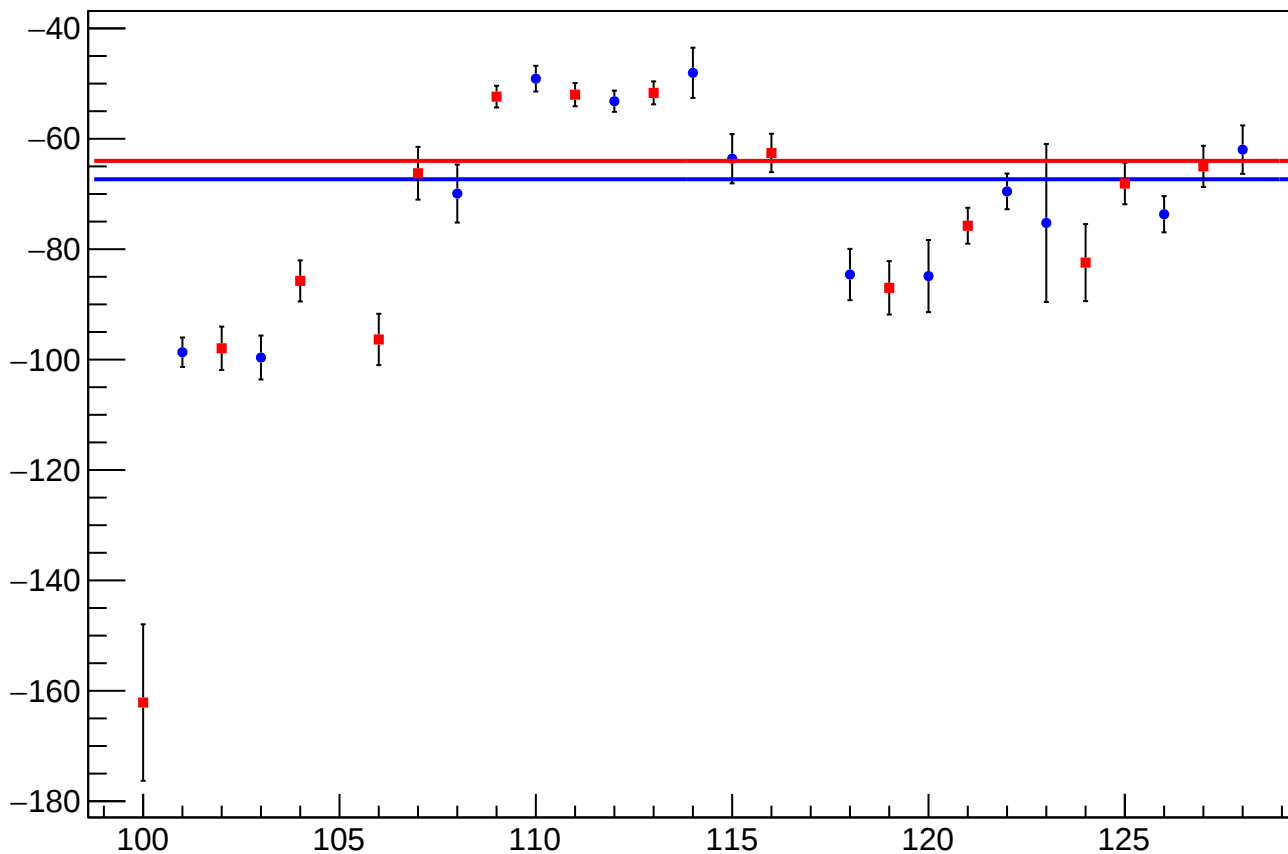
Right: -1.617 ± 0.075 χ^2/NDF : 377.2/26

In: -1.462 ± 0.107 χ^2/NDF : 74.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.617 ± 0.075 χ^2/NDF : 377.2/26

reg_asym_sam3_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -67.329+/-0.950 χ^2/NDF : 365.1/12

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

Right Out: -63.996+/-0.867 χ^2/NDF : 352.1/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

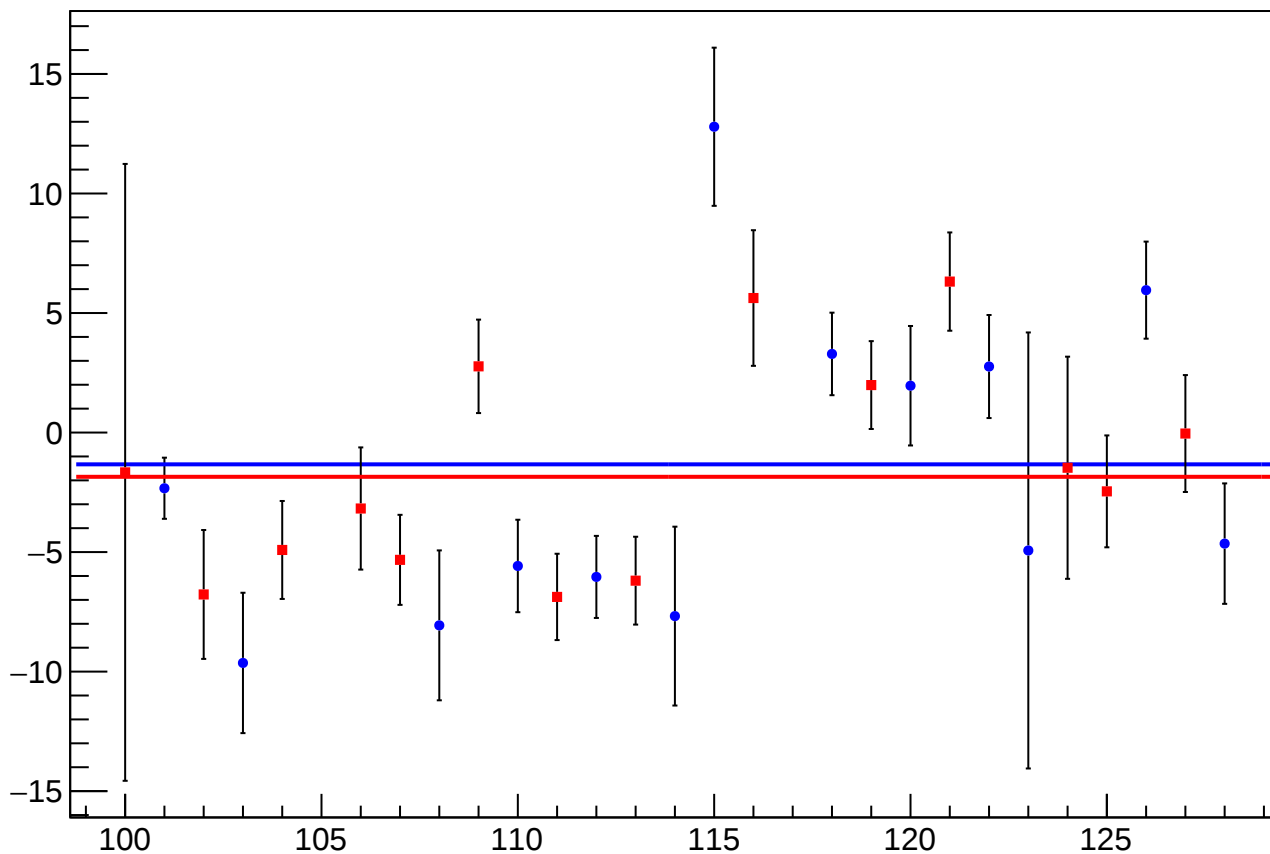
Right: -65.510+/-0.640 χ^2/NDF : 723.9/26

In: -67.329+/-0.950 χ^2/NDF :365.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -65.510+/-0.640 χ^2/NDF : 723.9/26

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.330+/-0.606 χ^2/NDF : 74.0/12

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

Right Out: -1.851+/-0.605 χ^2/NDF : 55.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

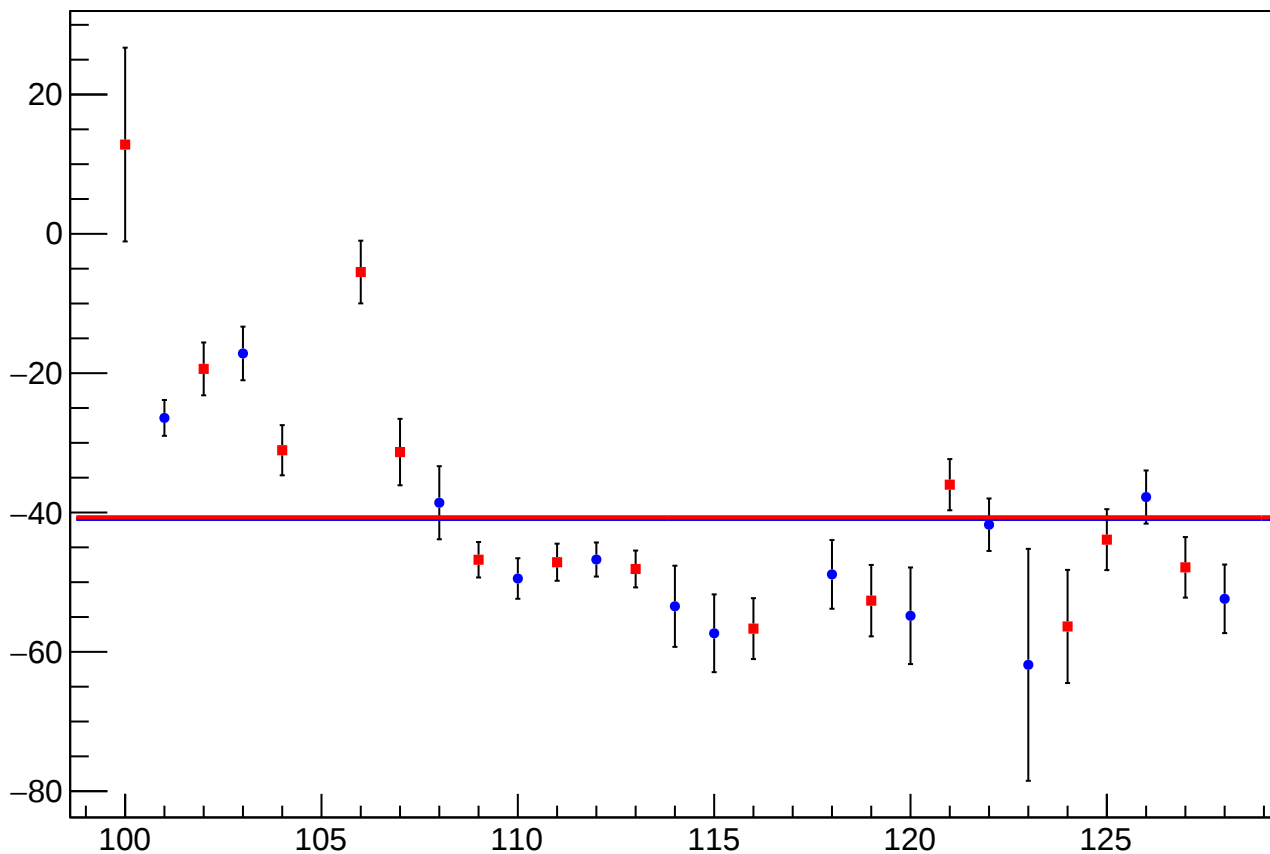
Right: -1.591+/-0.428 χ^2/NDF : 130.2/26

In: -1.330+/-0.606 χ^2/NDF : 74.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.591+/-0.428 χ^2/NDF : 130.2/26

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -40.928+/-1.086 χ^2/NDF : 112.1/12

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

Right Out: -40.676+/-1.016 χ^2/NDF : 165.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

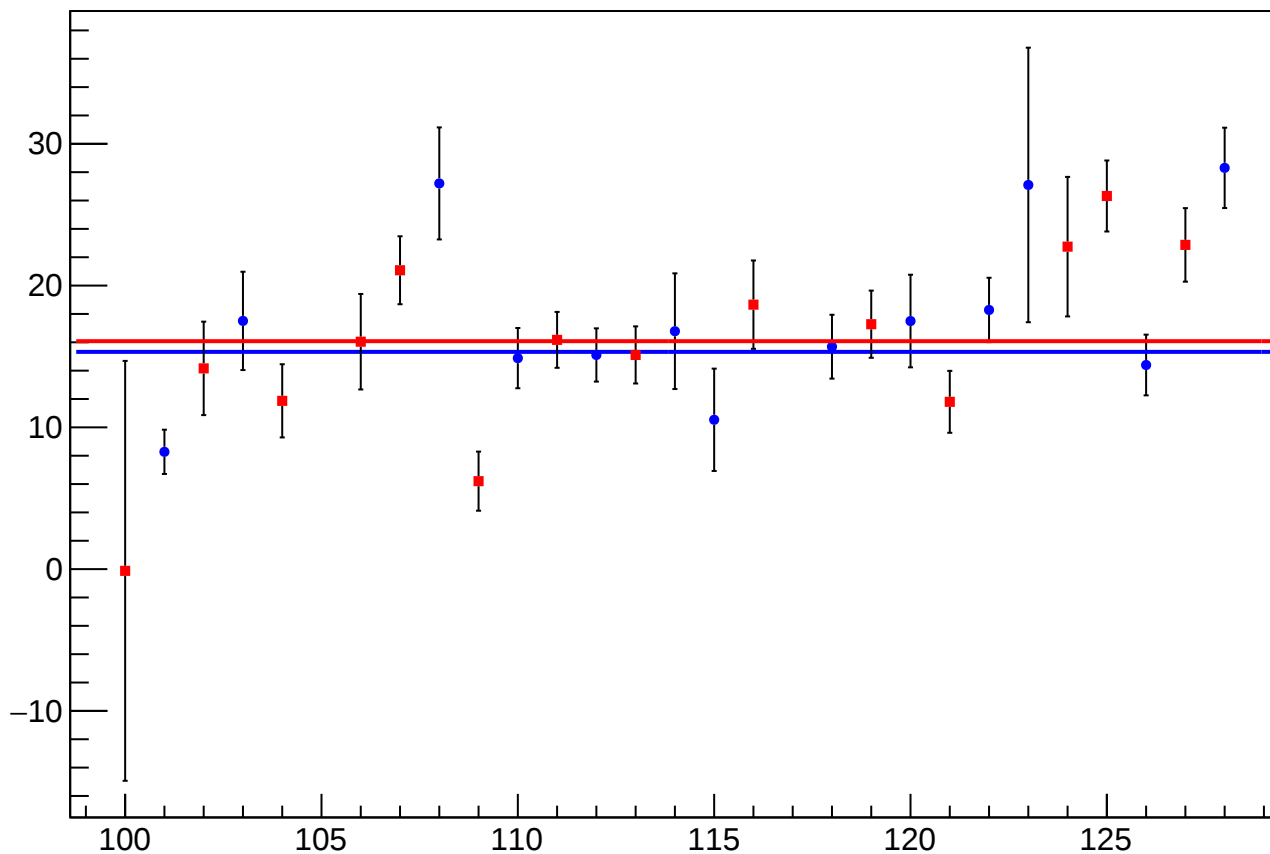
Right: -40.794+/-0.742 χ^2/NDF : 277.6/26

In: -40.928+/-1.086 χ^2/NDF : 112.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.794+/-0.742 χ^2/NDF : 277.6/26

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.324 $\pm$ 0.701 χ^2 /NDF: 56.6/12

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

Right Out: 16.078 $\pm$ 0.693 χ^2 /NDF: 61.4/13

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

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

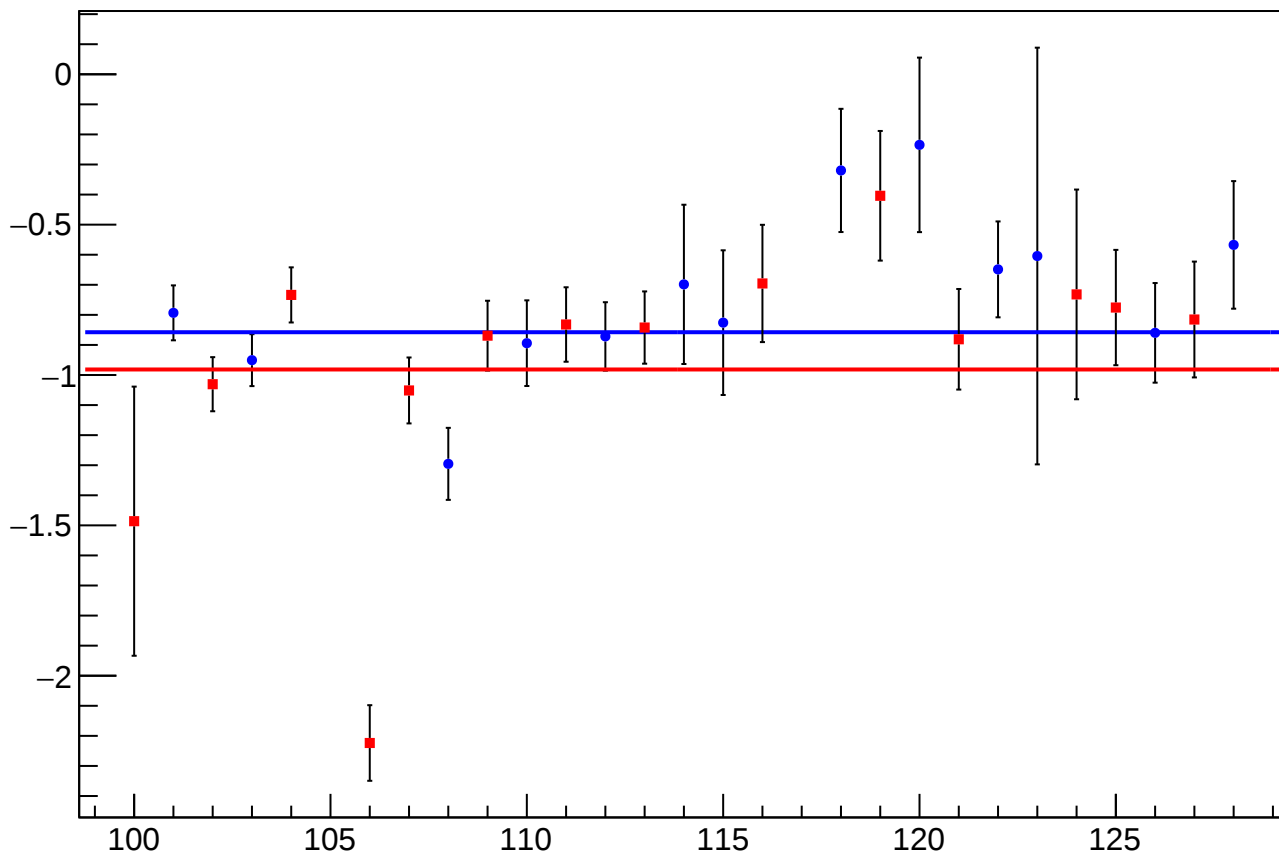
Right: 15.706 $\pm$ 0.493 χ^2 /NDF: 118.6/26

In: 15.324 $\pm$ 0.701 χ^2 /NDF:56.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 15.706 $\pm$ 0.493 χ^2 /NDF: 118.6/26

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.858 ± 0.040 χ^2/NDF : 30.7/12

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

Right Out: -0.982 ± 0.037 χ^2/NDF : 122.7/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

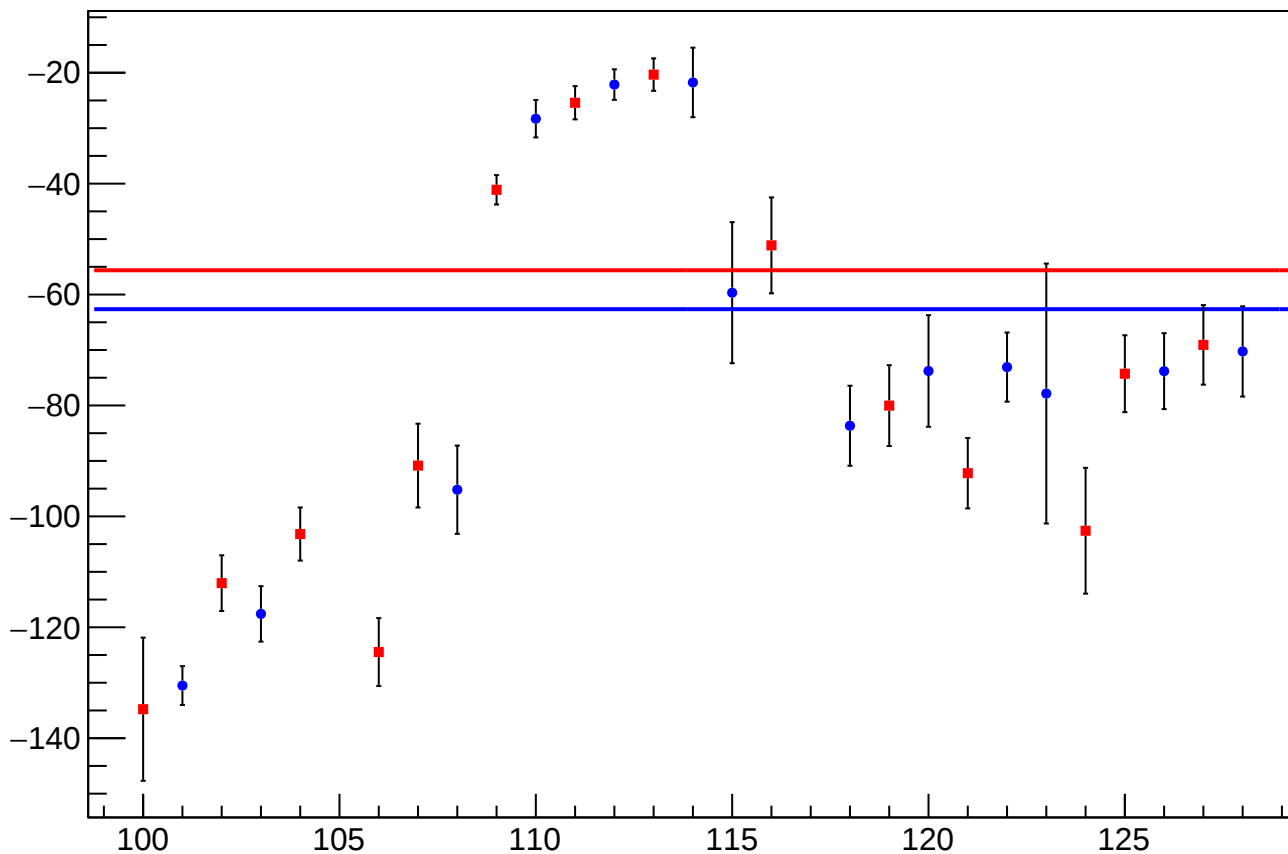
Right: -0.926 ± 0.027 χ^2/NDF : 158.6/26

In: -0.858 ± 0.040 χ^2/NDF : 30.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.926 ± 0.027 χ^2/NDF : 158.6/26

reg_asym_sam4_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -62.637 $\pm$ 1.440 χ^2 /NDF: 893.6/12

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

Right Out: -55.619 $\pm$ 1.281 χ^2 /NDF: 760.1/13

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

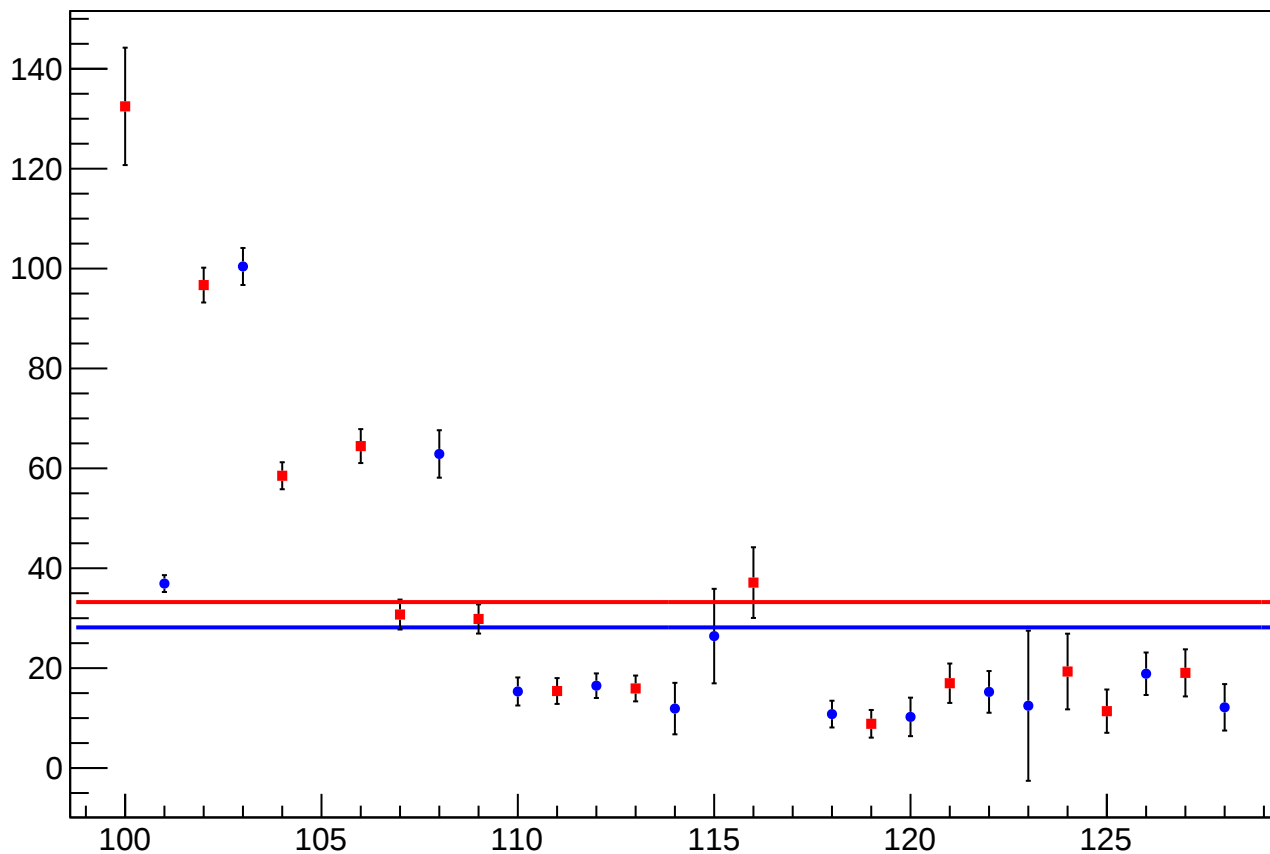
Right: -58.719 $\pm$ 0.957 χ^2 /NDF: 1667.0/26

In: -62.637 $\pm$ 1.440 χ^2 /NDF:893.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -58.719 $\pm$ 0.957 χ^2 /NDF: 1667.0/26

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 28.159+/-0.921 χ^2 /NDF: 605.2/12

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

Right Out: 33.228+/-0.924 χ^2 /NDF: 801.9/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

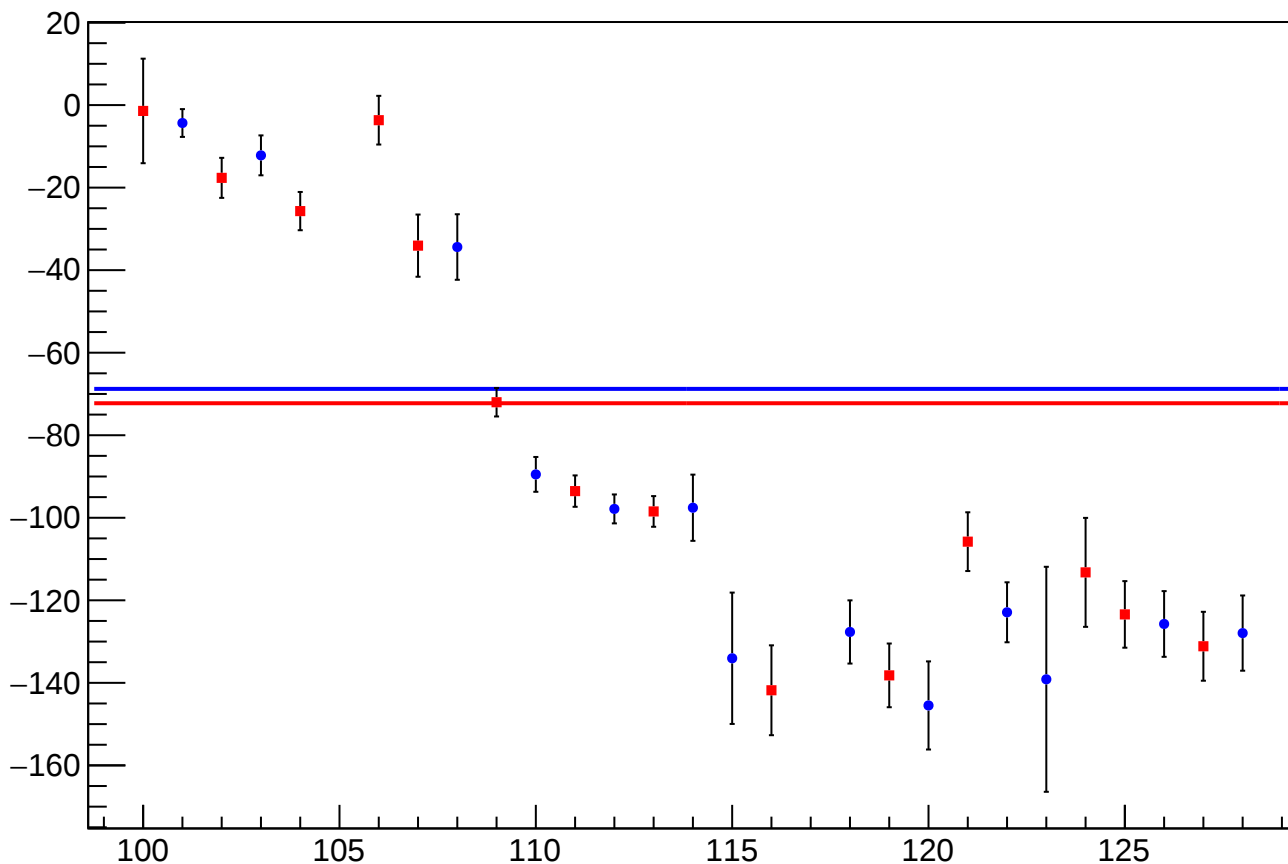
Right: 30.686+/-0.652 χ^2 /NDF: 1422.2/26

In: 28.159+/-0.921 χ^2 /NDF:605.2/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 30.686+/-0.652 χ^2 /NDF: 1422.2/26

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -68.769+/-1.627 χ^2/NDF : 910.5/12

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

Right Out: -72.248+/-1.495 χ^2/NDF : 736.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

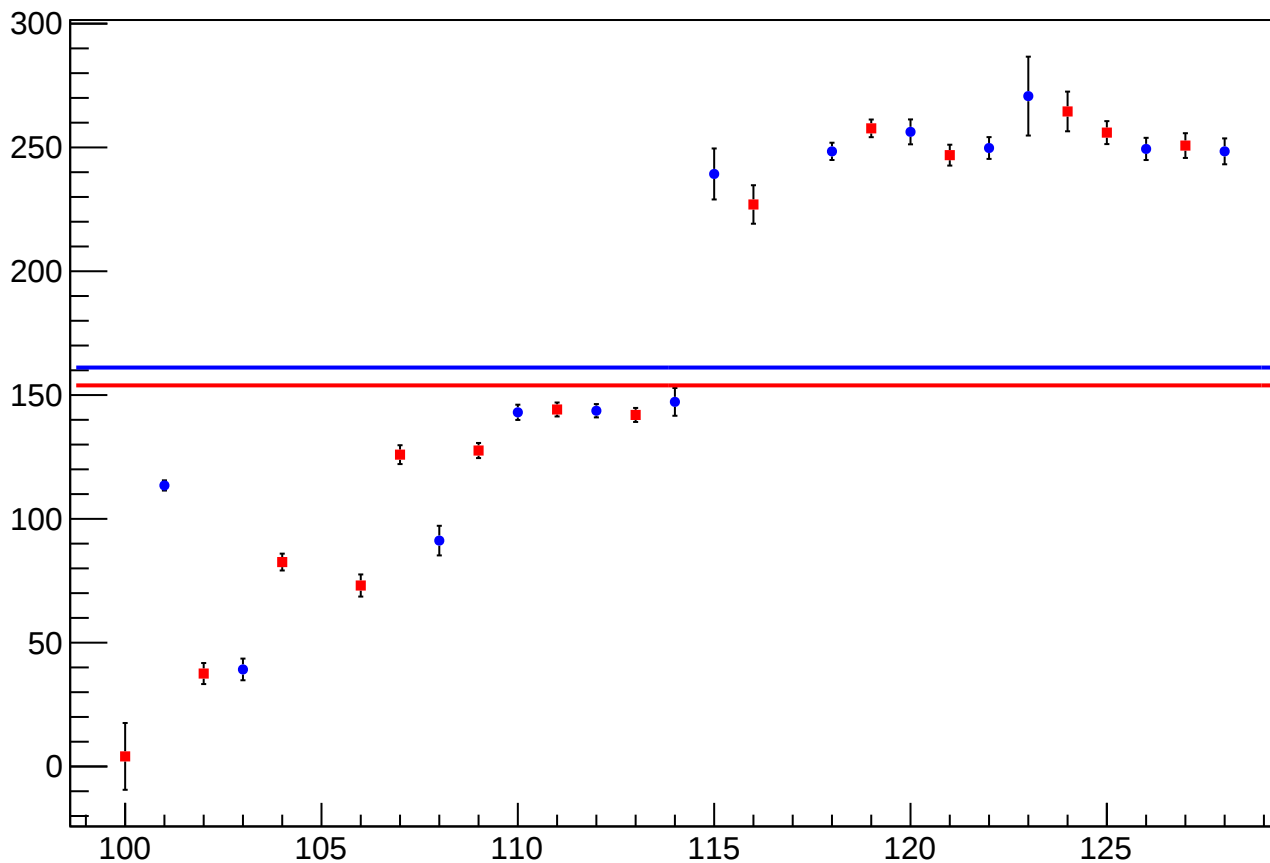
Right: -70.656+/-1.101 χ^2/NDF : 1649.3/26

In: -68.769+/-1.627 χ^2/NDF : 910.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.656+/-1.101 χ^2/NDF : 1649.3/26

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 161.114+/-1.076 χ^2/NDF : 3690.3/12

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

Right Out: 153.902+/-1.067 χ^2/NDF : 4272.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

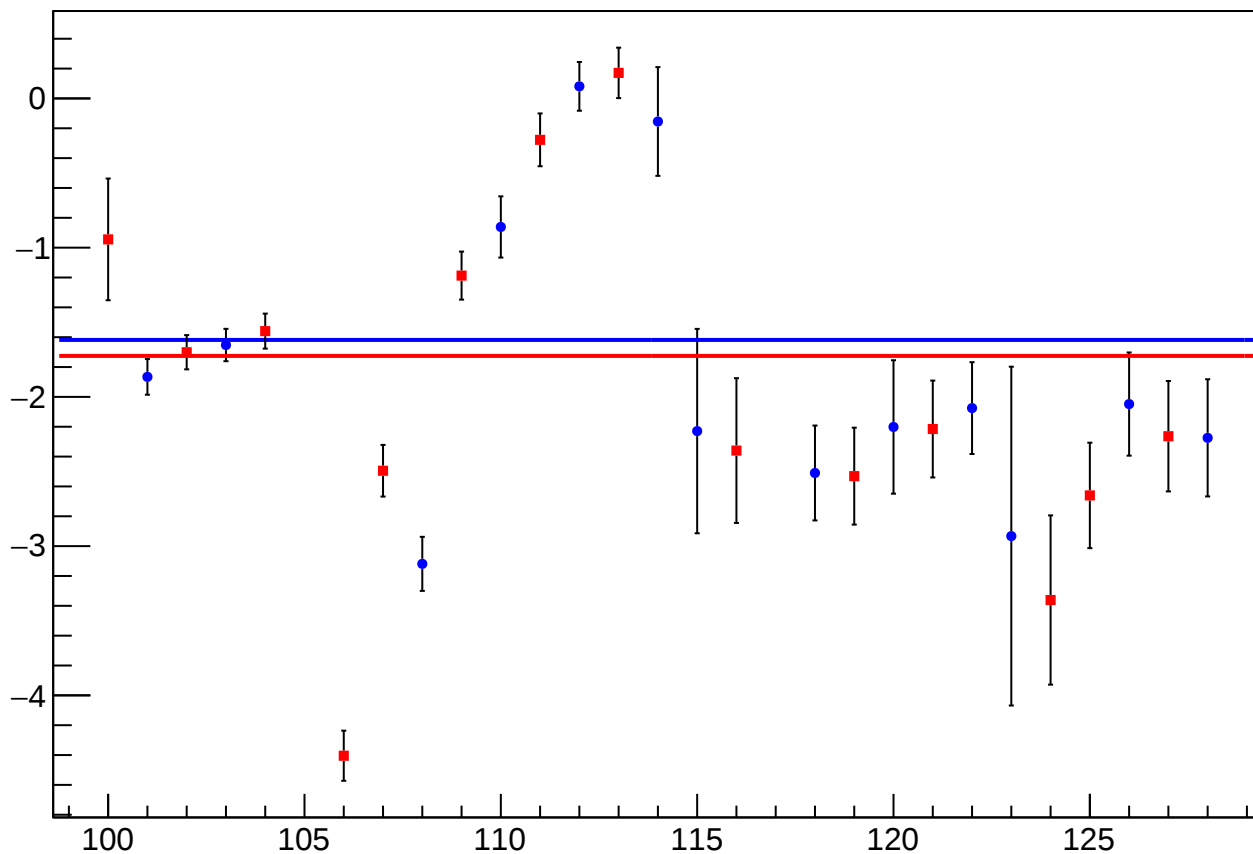
Right: 157.478+/-0.758 χ^2/NDF : 7985.0/26

In: 161.114+/-1.076 χ^2/NDF : 3690.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.478+/-0.758 χ^2/NDF : 7985.0/26

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.618 ± 0.058 $\chi^2/\text{NDF}: 229.4/12$

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

Right Out: -1.725 ± 0.052 $\chi^2/\text{NDF}: 511.5/13$

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

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

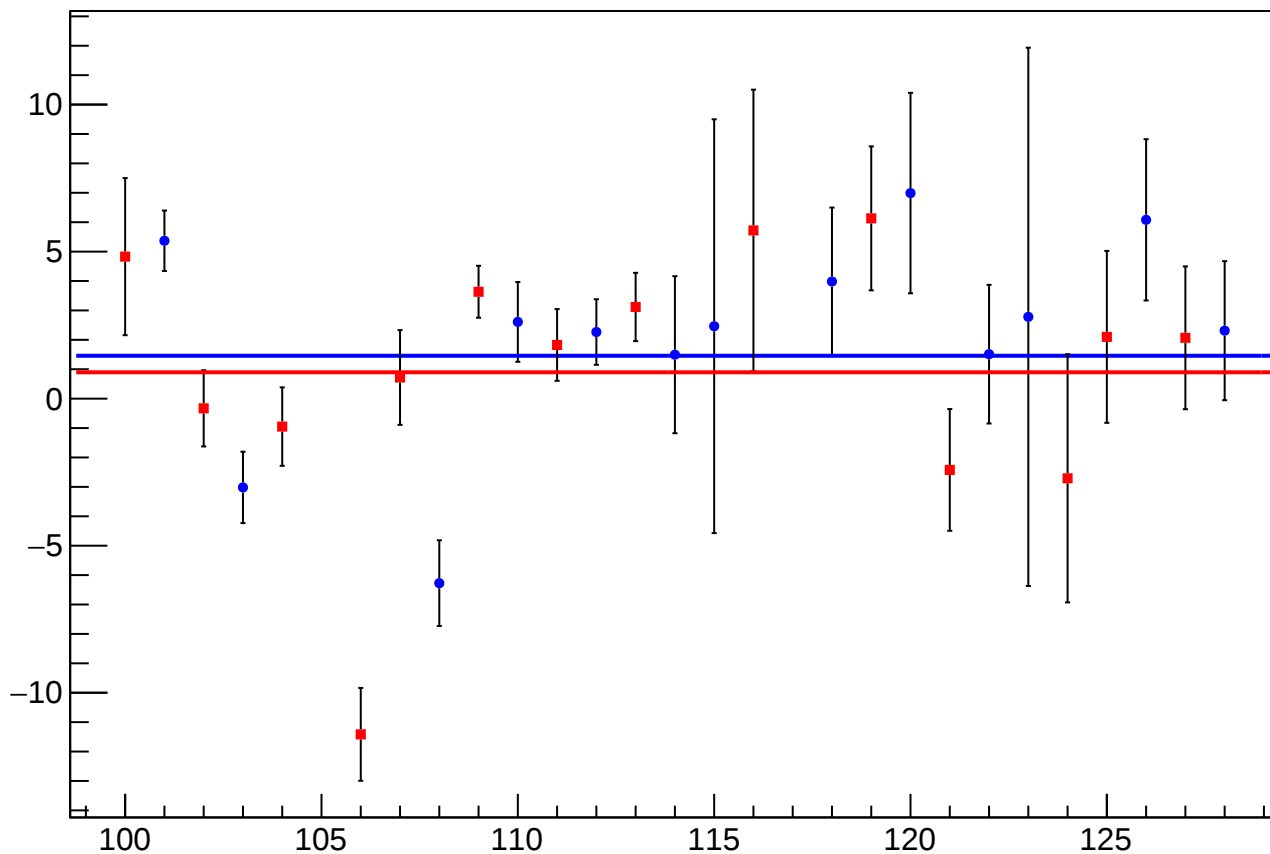
Right: -1.678 ± 0.039 $\chi^2/\text{NDF}: 742.7/26$

In: -1.618 ± 0.058 $\chi^2/\text{NDF}: 229.4/12$

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

All: -1.678 ± 0.039 $\chi^2/\text{NDF}: 742.7/26$

reg_asym_sam5_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.459 $\pm$ 0.479 χ^2 /NDF: 64.2/12

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

Right Out: 0.896 $\pm$ 0.424 χ^2 /NDF: 88.9/13

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

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

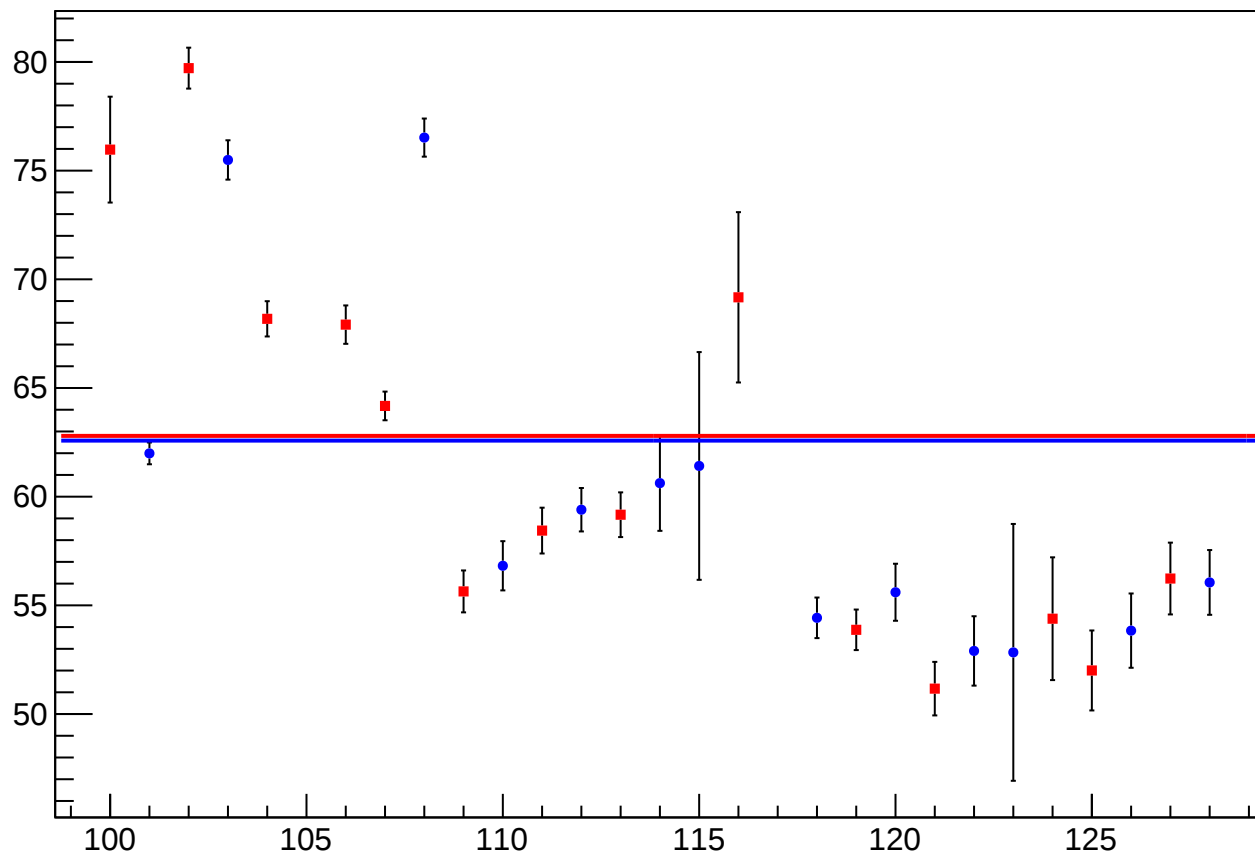
Right: 1.143 $\pm$ 0.318 χ^2 /NDF: 153.9/26

In: 1.459 $\pm$ 0.479 χ^2 /NDF:64.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.143 $\pm$ 0.318 χ^2 /NDF: 153.9/26

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 62.580+/-0.295 χ^2/NDF : 683.8/12

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

Right Out: 62.797+/-0.289 χ^2/NDF : 761.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

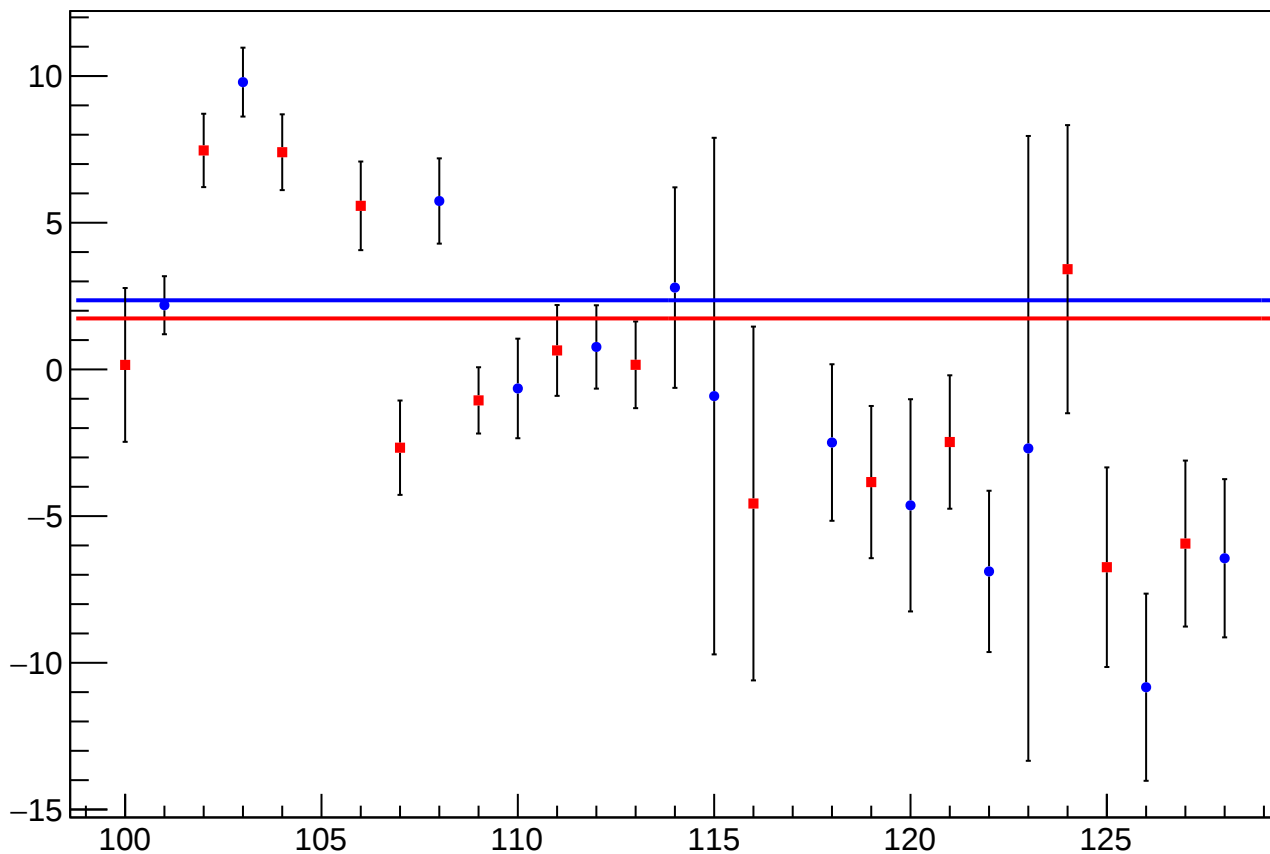
Right: 62.691+/-0.207 χ^2/NDF : 1445.2/26

In: 62.580+/-0.295 χ^2/NDF : 683.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.691+/-0.207 χ^2/NDF : 1445.2/26

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.356 $\pm$ 0.516 χ^2 /NDF: 96.4/12

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

Right Out: 1.738 $\pm$ 0.472 χ^2 /NDF: 85.1/13

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

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

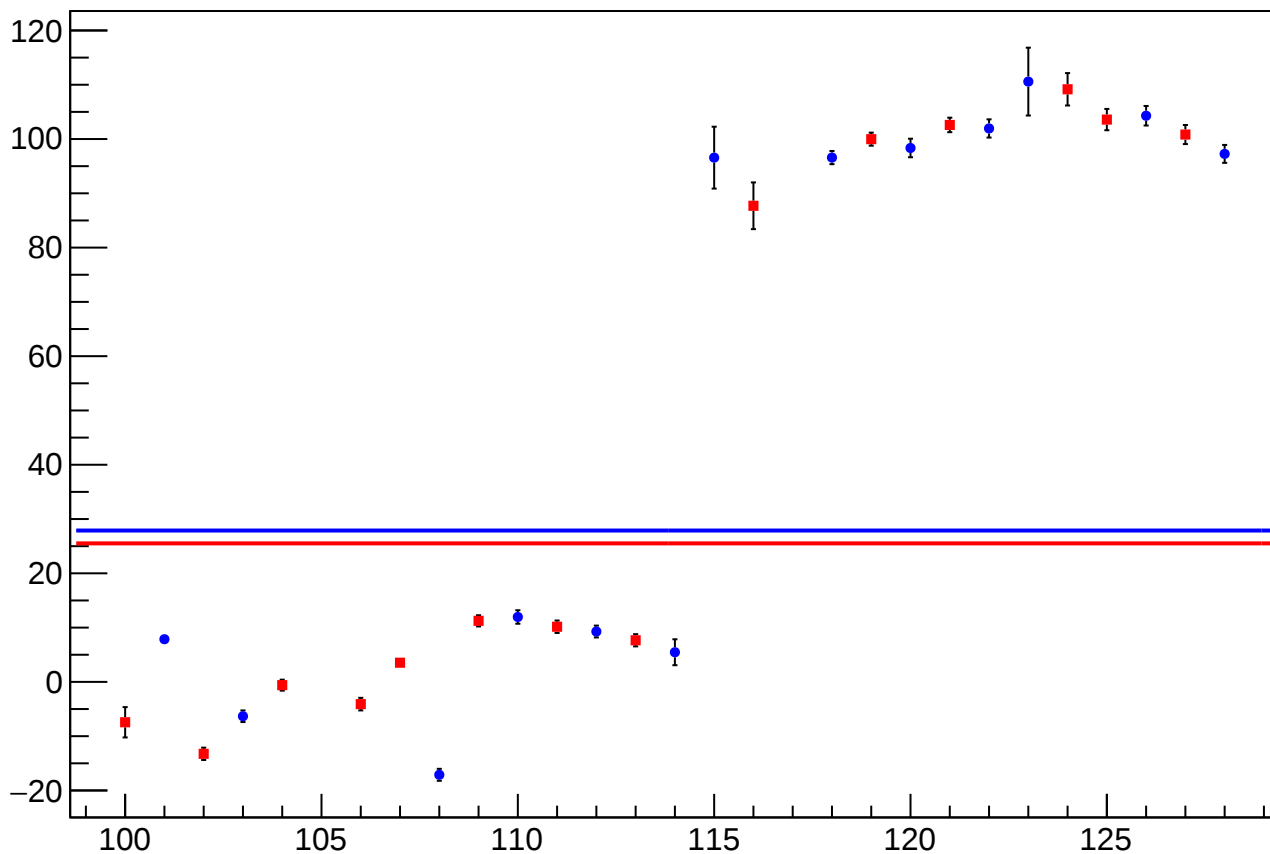
Right: 2.019 $\pm$ 0.348 χ^2 /NDF: 182.3/26

In: 2.356 $\pm$ 0.516 χ^2 /NDF:96.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.019 $\pm$ 0.348 χ^2 /NDF: 182.3/26

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 27.883+/-0.350 χ^2 /NDF: 15046.3/12

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

Right Out: 25.514+/-0.342 χ^2 /NDF: 15536.6/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

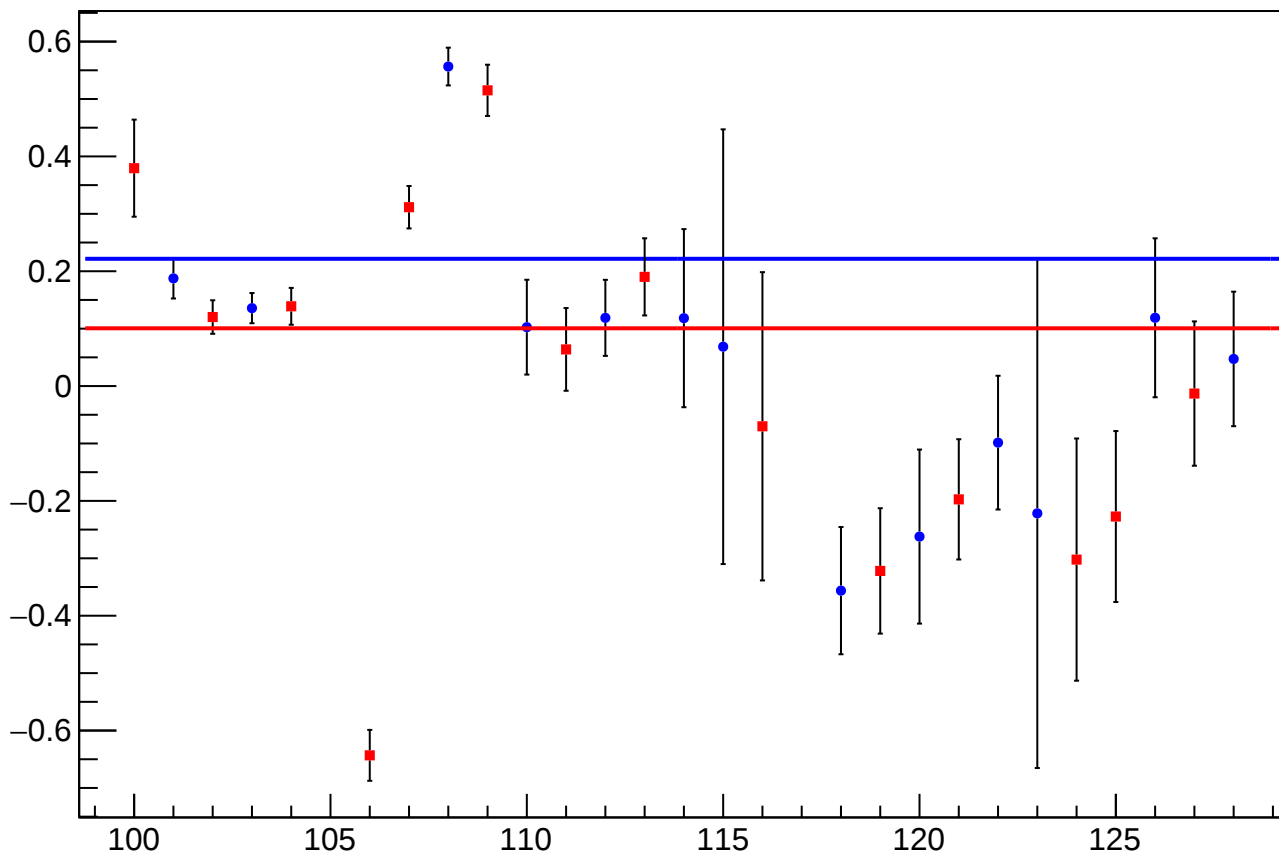
Right: 26.670+/-0.245 χ^2 /NDF: 30606.3/26

In: 27.883+/-0.350 χ^2 /NDF:15046.3/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 26.670+/-0.245 χ^2 /NDF: 30606.3/26

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.222 $\pm$ 0.016 χ^2 /NDF: 169.3/12

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

Right Out: 0.101 $\pm$ 0.014 χ^2 /NDF: 447.9/13

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

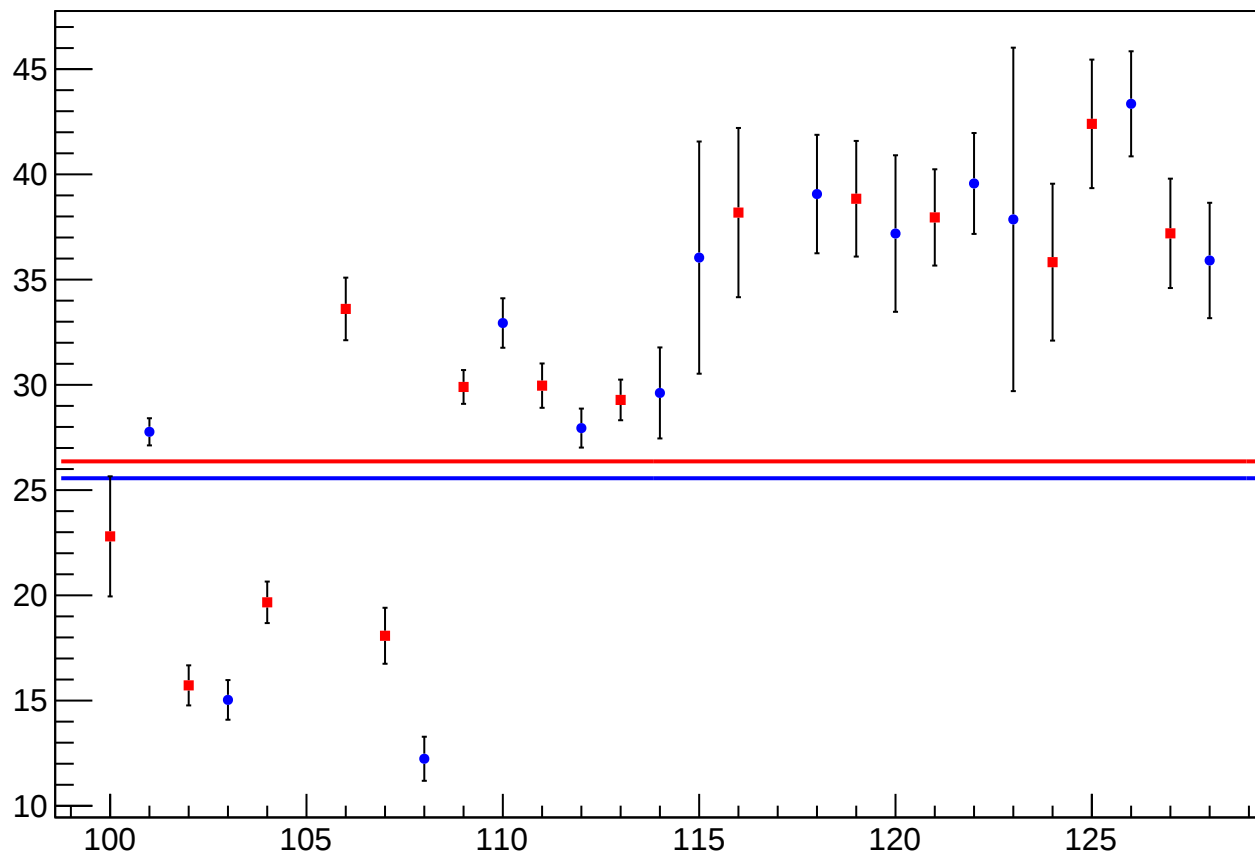
Right: 0.155 $\pm$ 0.011 χ^2 /NDF: 648.7/26

In: 0.222 $\pm$ 0.016 χ^2 /NDF:169.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.155 $\pm$ 0.011 χ^2 /NDF: 648.7/26

reg_asym_sam6_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 25.563+/-0.371 χ^2/NDF : 486.1/12

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

Right Out: 26.364+/-0.365 χ^2/NDF : 381.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

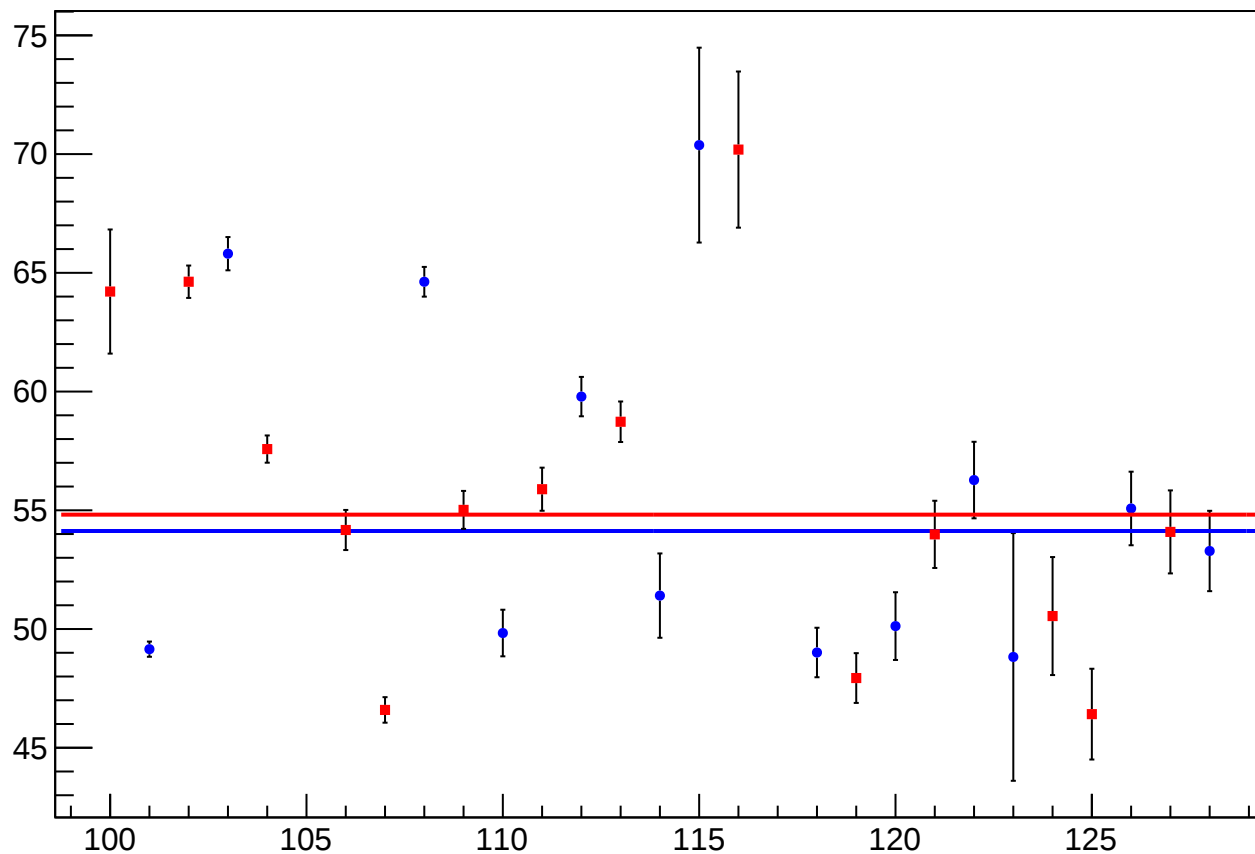
Right: 25.970+/-0.260 χ^2/NDF : 870.2/26

In: 25.563+/-0.371 χ^2/NDF : 486.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.970+/-0.260 χ^2/NDF : 870.2/26

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 54.128+/-0.225 χ^2/NDF : 919.7/12

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

Right Out: 54.817+/-0.245 χ^2/NDF : 588.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

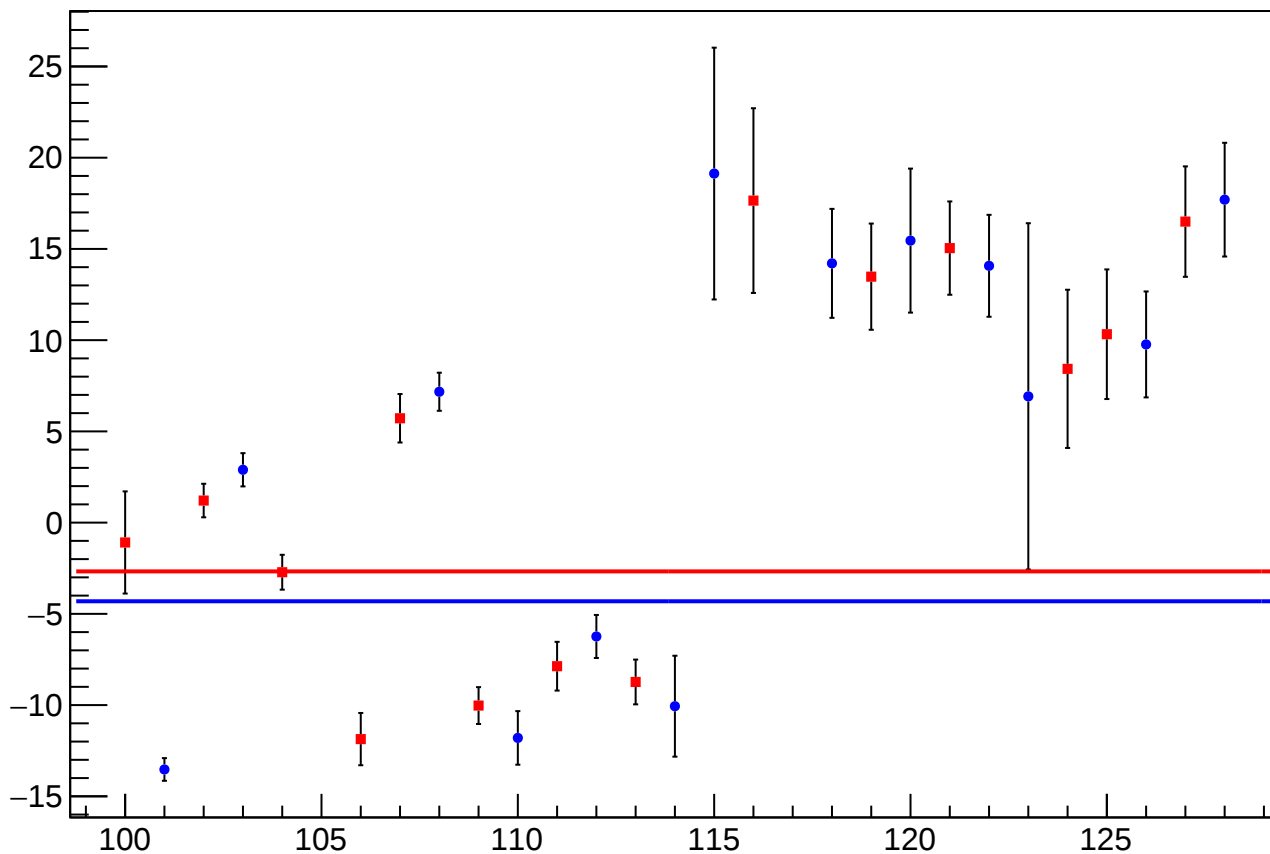
Right: 54.442+/-0.166 χ^2/NDF : 1512.0/26

In: 54.128+/-0.225 χ^2/NDF : 919.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.442+/-0.166 χ^2/NDF : 1512.0/26

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.310 ± 0.390 χ^2/NDF : 629.7/12

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

Right Out: -2.673 ± 0.401 χ^2/NDF : 346.9/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

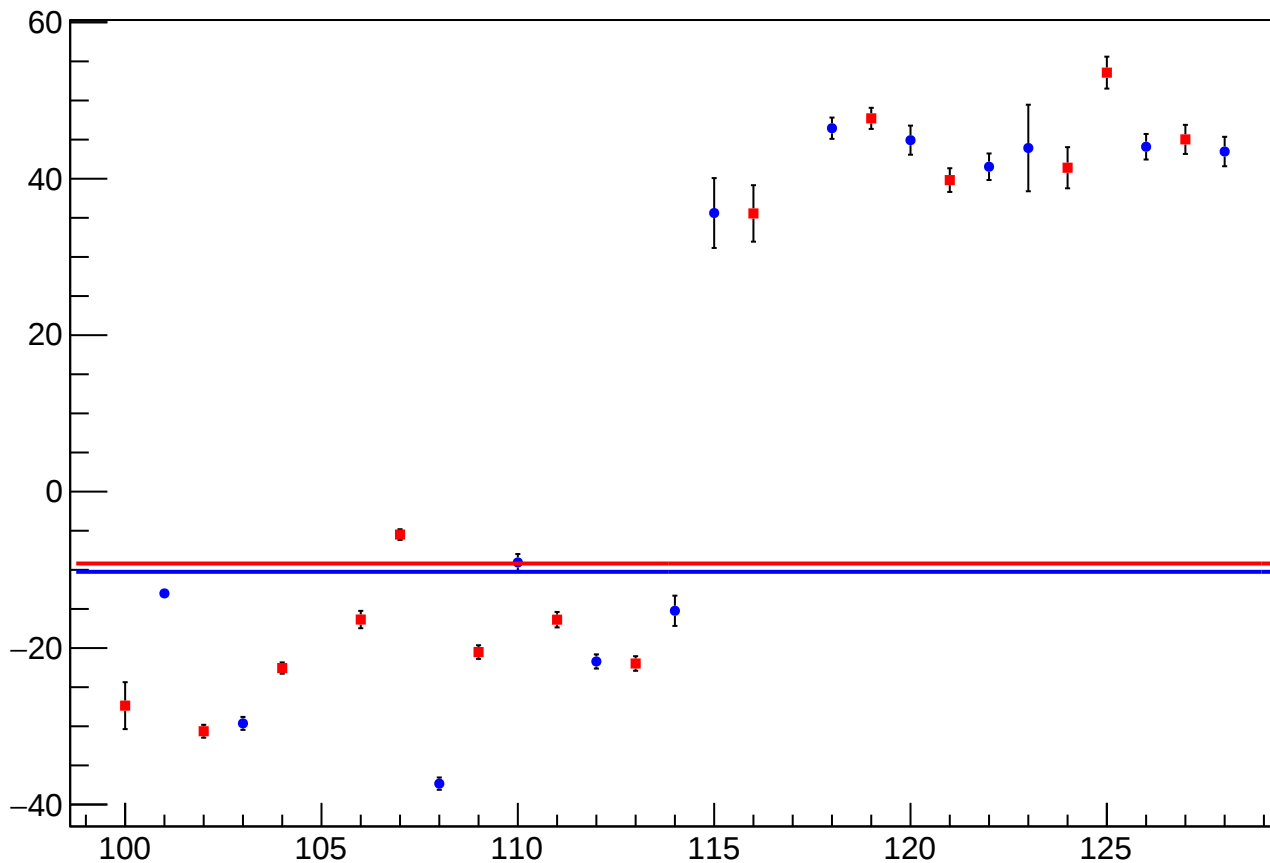
Right: -3.515 ± 0.279 χ^2/NDF : 985.2/26

In: -4.310 ± 0.390 χ^2/NDF : 629.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.515 ± 0.279 χ^2/NDF : 985.2/26

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -10.253+/-0.268 χ^2/NDF : 7626.1/12

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

Right Out: -9.189+/-0.293 χ^2/NDF : 6680.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

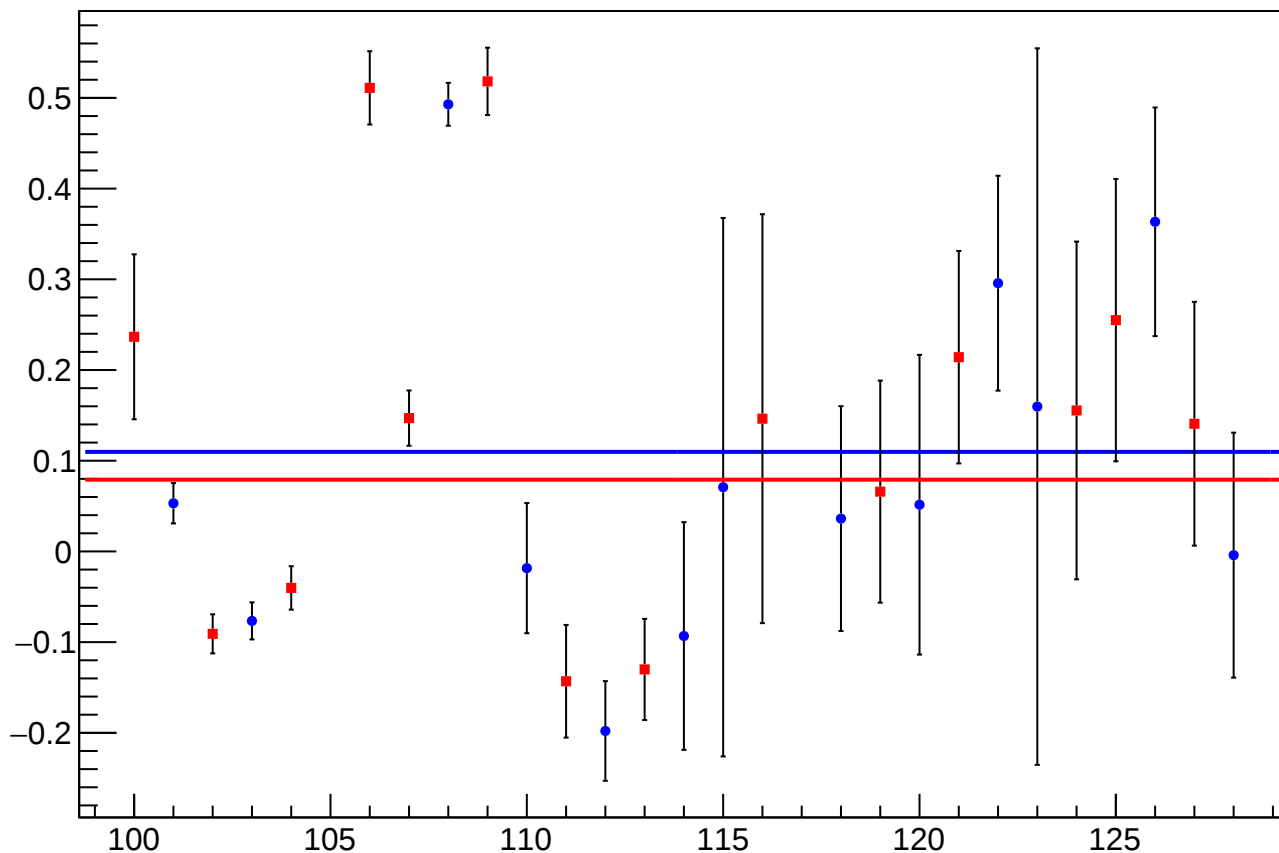
Right: -9.767+/-0.198 χ^2/NDF : 14313.7/26

In: -10.253+/-0.268 χ^2/NDF : 7626.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.767+/-0.198 χ^2/NDF : 14313.7/26

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.110 $\pm$ 0.012 χ^2 /NDF: 397.0/12

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

Right Out: 0.079 $\pm$ 0.012 χ^2 /NDF: 378.8/13

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

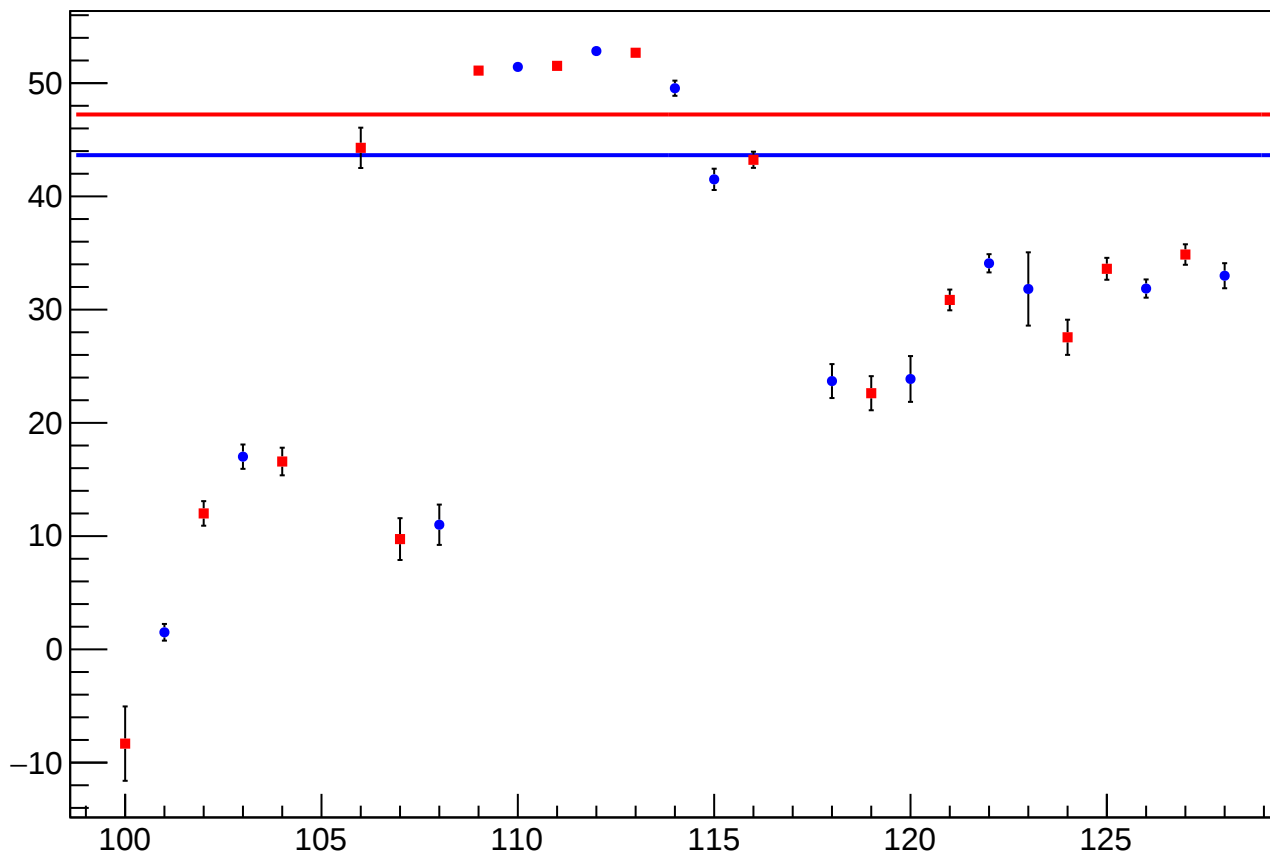
Right: 0.094 $\pm$ 0.008 χ^2 /NDF: 779.2/26

In: 0.110 $\pm$ 0.012 χ^2 /NDF:397.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.094 $\pm$ 0.008 χ^2 /NDF: 779.2/26

reg_asym_sam7_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 43.640 $\pm$ 0.185 χ^2 /NDF: 6401.4/12

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

Right Out: 47.233 $\pm$ 0.157 χ^2 /NDF: 4208.9/13

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

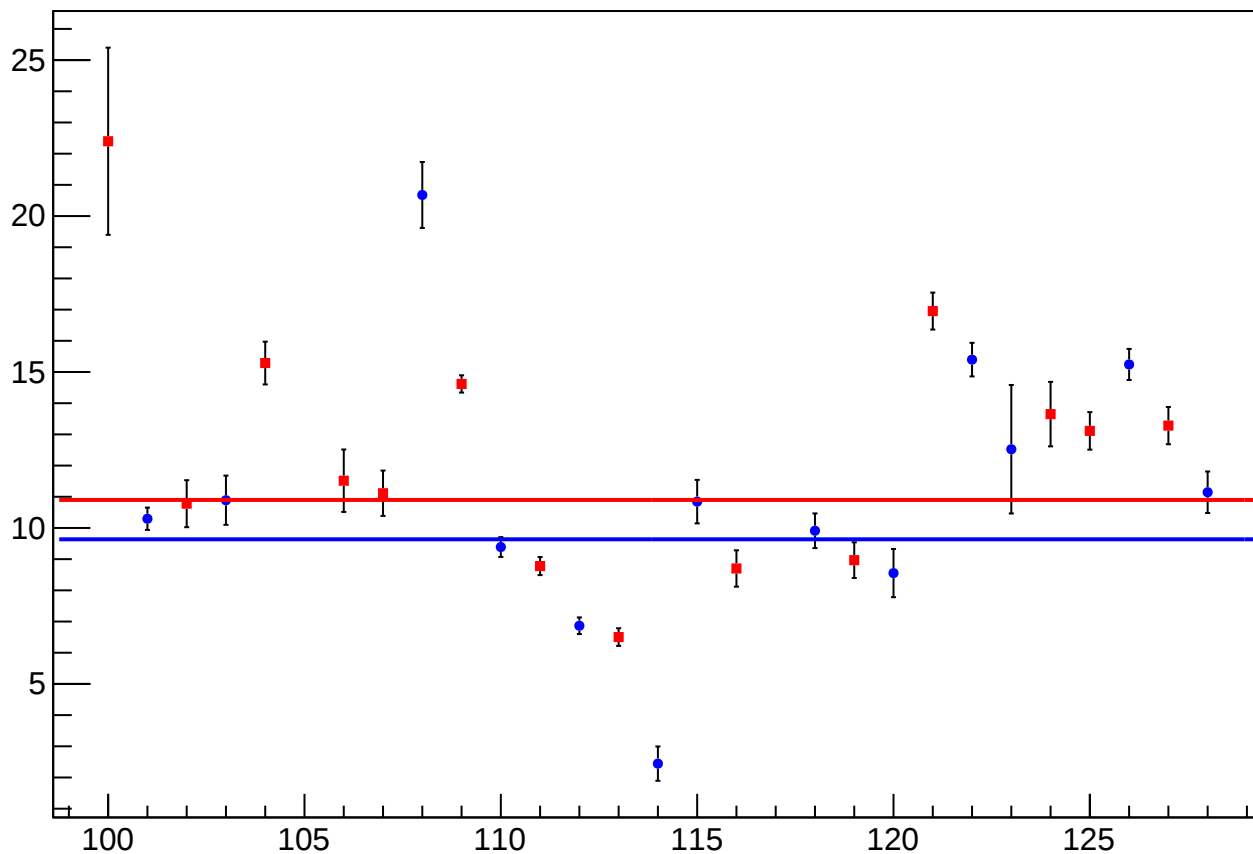
Right: 45.733 $\pm$ 0.120 χ^2 /NDF: 10829.6/26

In: 43.640 $\pm$ 0.185 χ^2 /NDF:6401.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 45.733 $\pm$ 0.120 χ^2 /NDF: 10829.6/26

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.636+/-0.135 χ^2/NDF : 647.6/12

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

Right Out: 10.899+/-0.129 χ^2/NDF : 697.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

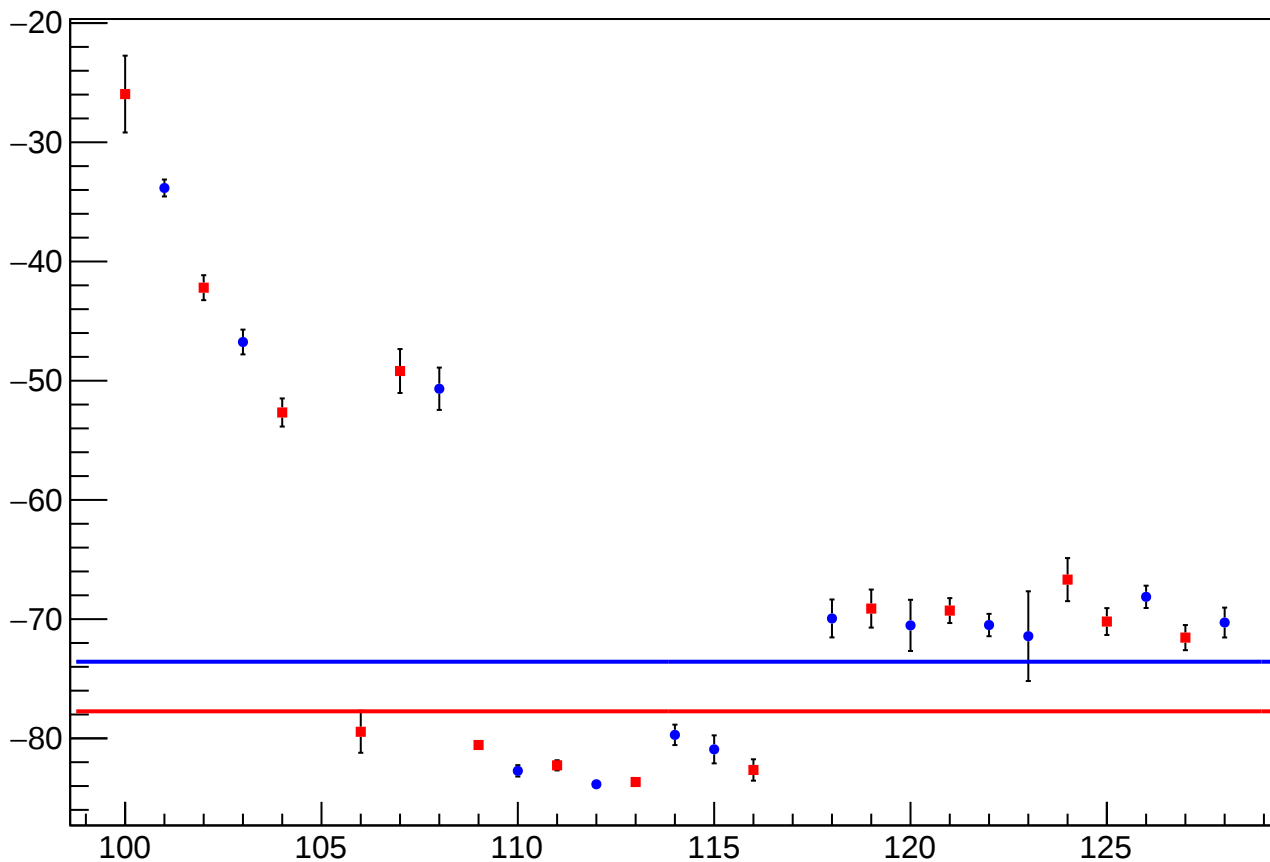
Right: 10.296+/-0.094 χ^2/NDF : 1390.1/26

In: 9.636+/-0.135 χ^2/NDF : 647.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.296+/-0.094 χ^2/NDF : 1390.1/26

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -73.572+/-0.222 χ^2/NDF : 5214.9/12

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

Right Out: -77.733+/-0.195 χ^2/NDF : 2731.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

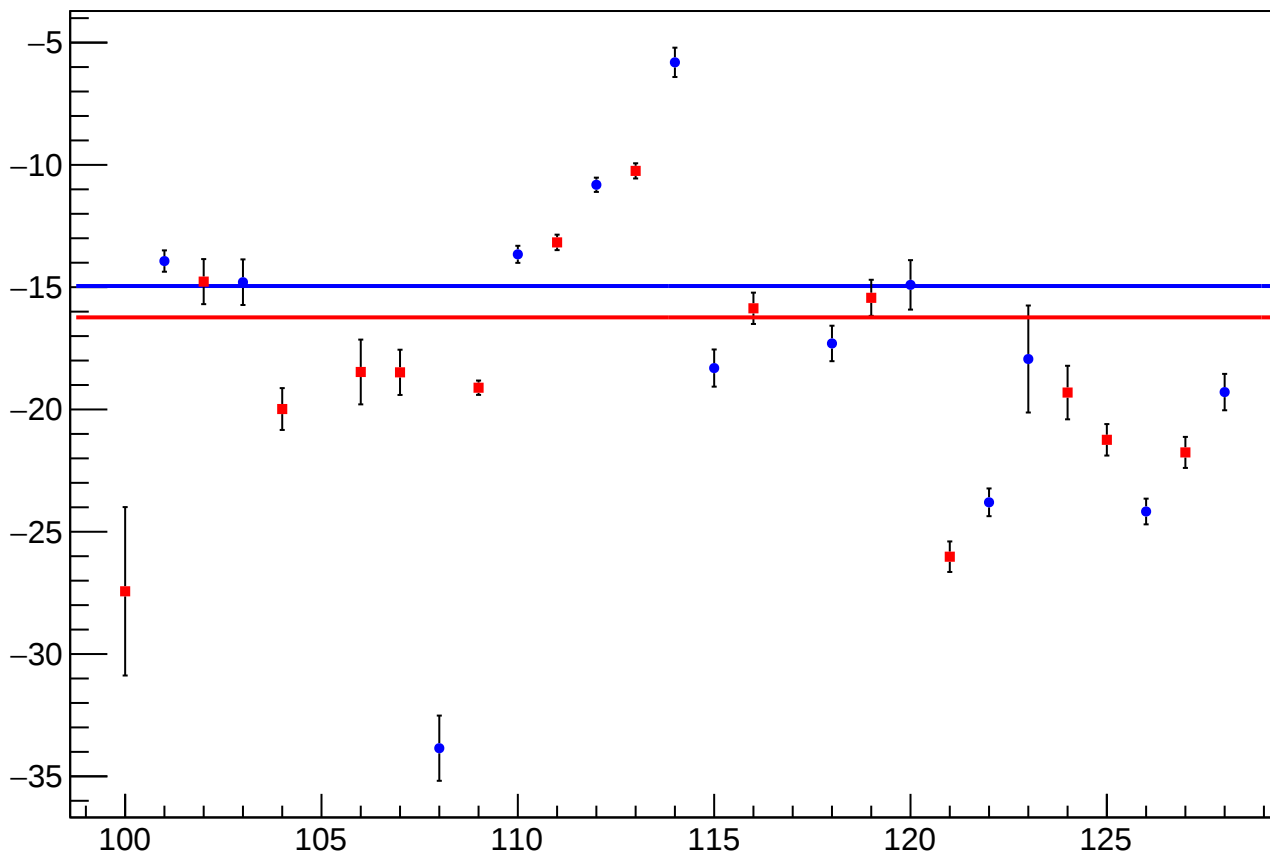
Right: -75.929+/-0.146 χ^2/NDF : 8145.1/26

In: -73.572+/-0.222 χ^2/NDF : 5214.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -75.929+/-0.146 χ^2/NDF : 8145.1/26

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.953+/-0.152 χ^2/NDF : 1270.7/12

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

Right Out: -16.235+/-0.143 χ^2/NDF : 994.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

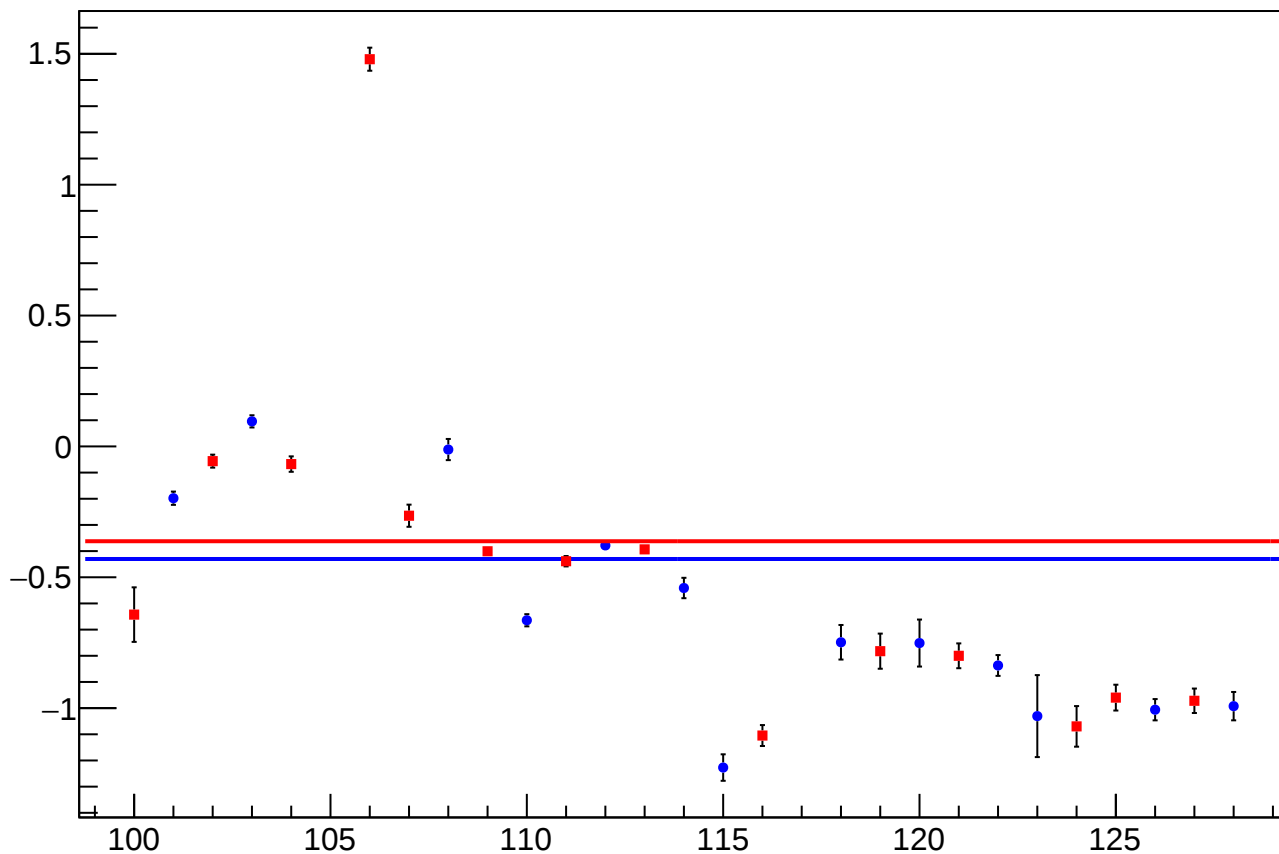
Right: -15.635+/-0.104 χ^2/NDF : 2303.3/26

In: -14.953+/-0.152 χ^2/NDF : 1270.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.635+/-0.104 χ^2/NDF : 2303.3/26

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.430 ± 0.009 χ^2/NDF : 1529.6/12

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

Right Out: -0.362 ± 0.008 χ^2/NDF : 2903.0/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

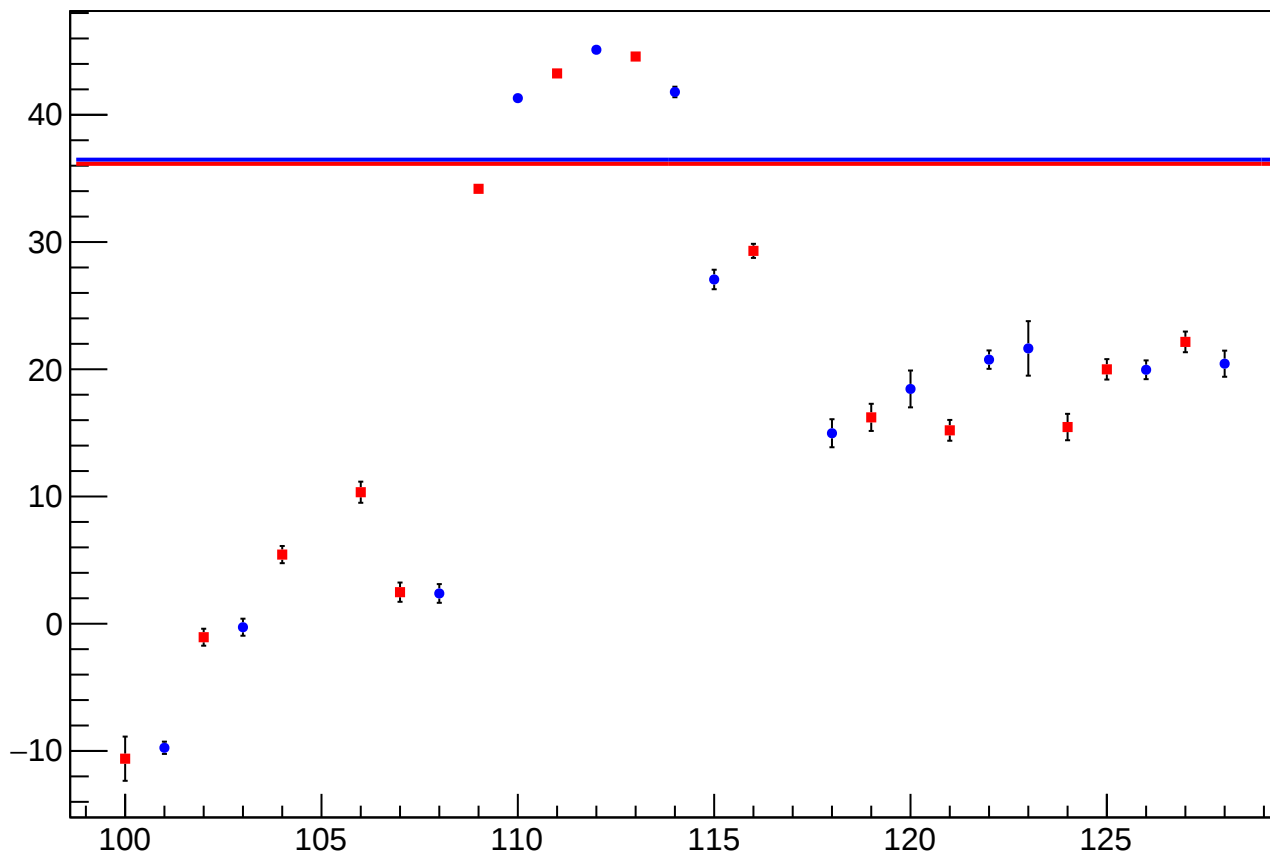
Right: -0.392 ± 0.006 χ^2/NDF : 4463.6/26

In: -0.430 ± 0.009 χ^2/NDF : 1529.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.392 ± 0.006 χ^2/NDF : 4463.6/26

reg_asym_sam8_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 36.476+/-0.110 χ^2/NDF : 19795.6/12

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

Right Out: 36.145+/-0.089 χ^2/NDF : 15084.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

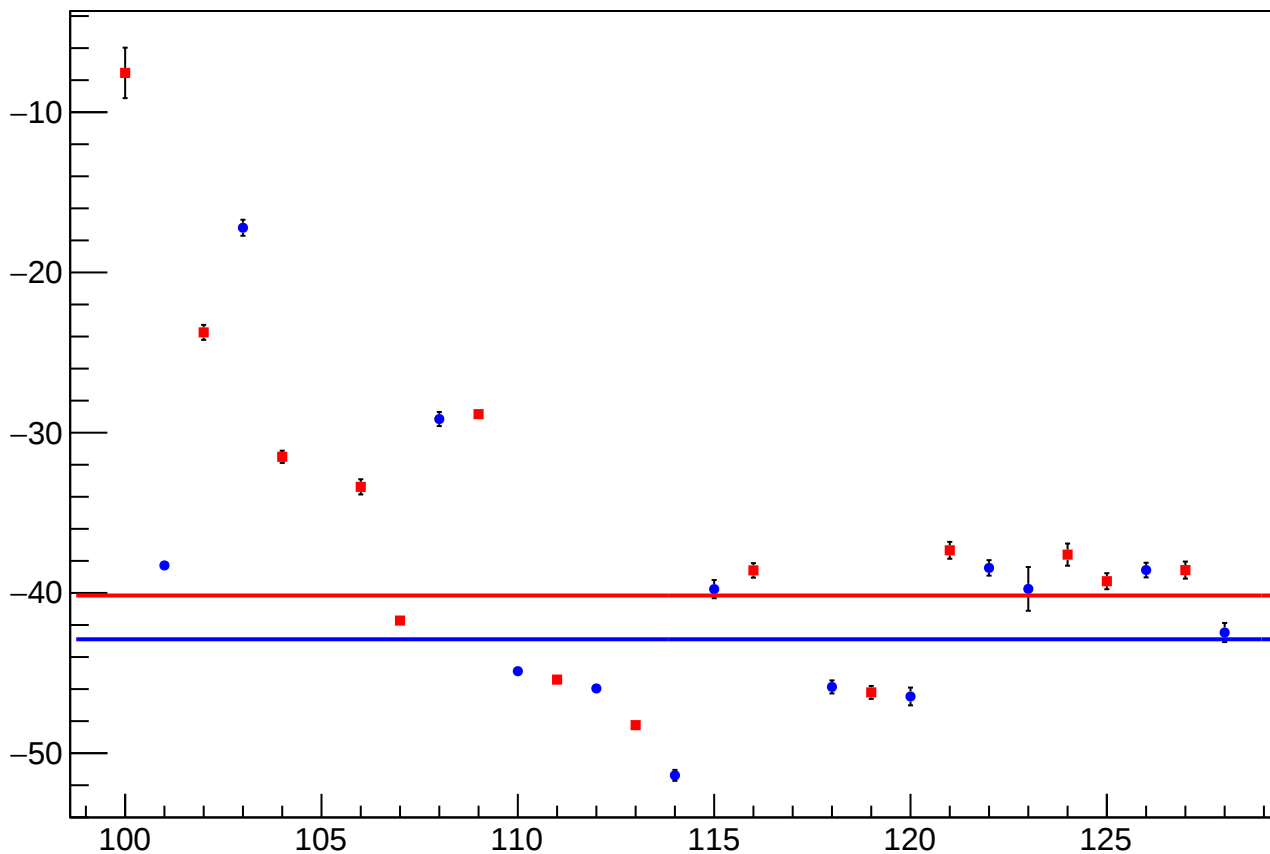
Right: 36.276+/-0.069 χ^2/NDF : 34885.3/26

In: 36.476+/-0.110 χ^2/NDF : 19795.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.276+/-0.069 χ^2/NDF : 34885.3/26

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.892 ± 0.084 χ^2/NDF : 5501.0/12

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

Right Out: -40.160 ± 0.077 χ^2/NDF : 10771.8/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

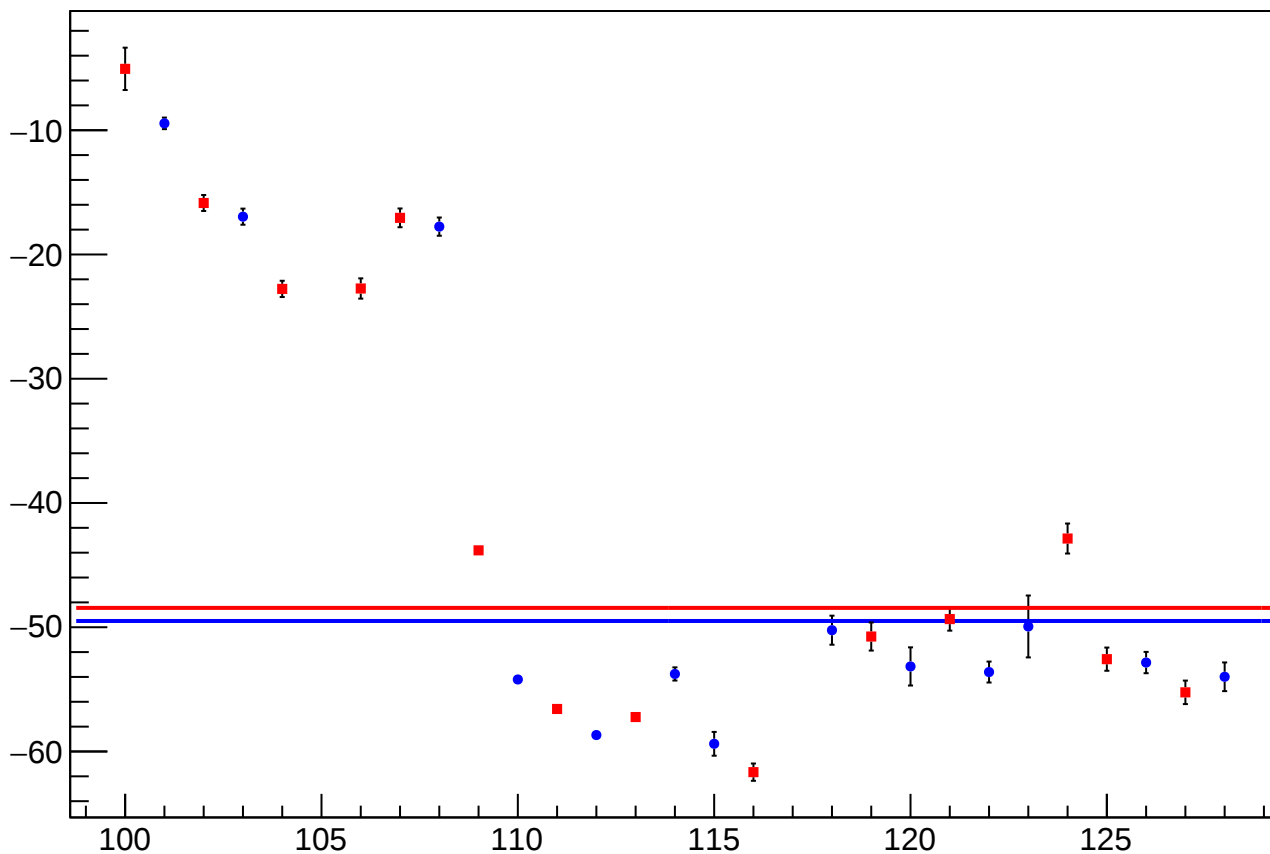
Right: -41.405 ± 0.057 χ^2/NDF : 16844.7/26

In: -42.892 ± 0.084 χ^2/NDF : 5501.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -41.405 ± 0.057 χ^2/NDF : 16844.7/26

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -49.497+/-0.133 χ^2/NDF : 14324.7/12

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

Right Out: -48.443+/-0.111 χ^2/NDF : 11291.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

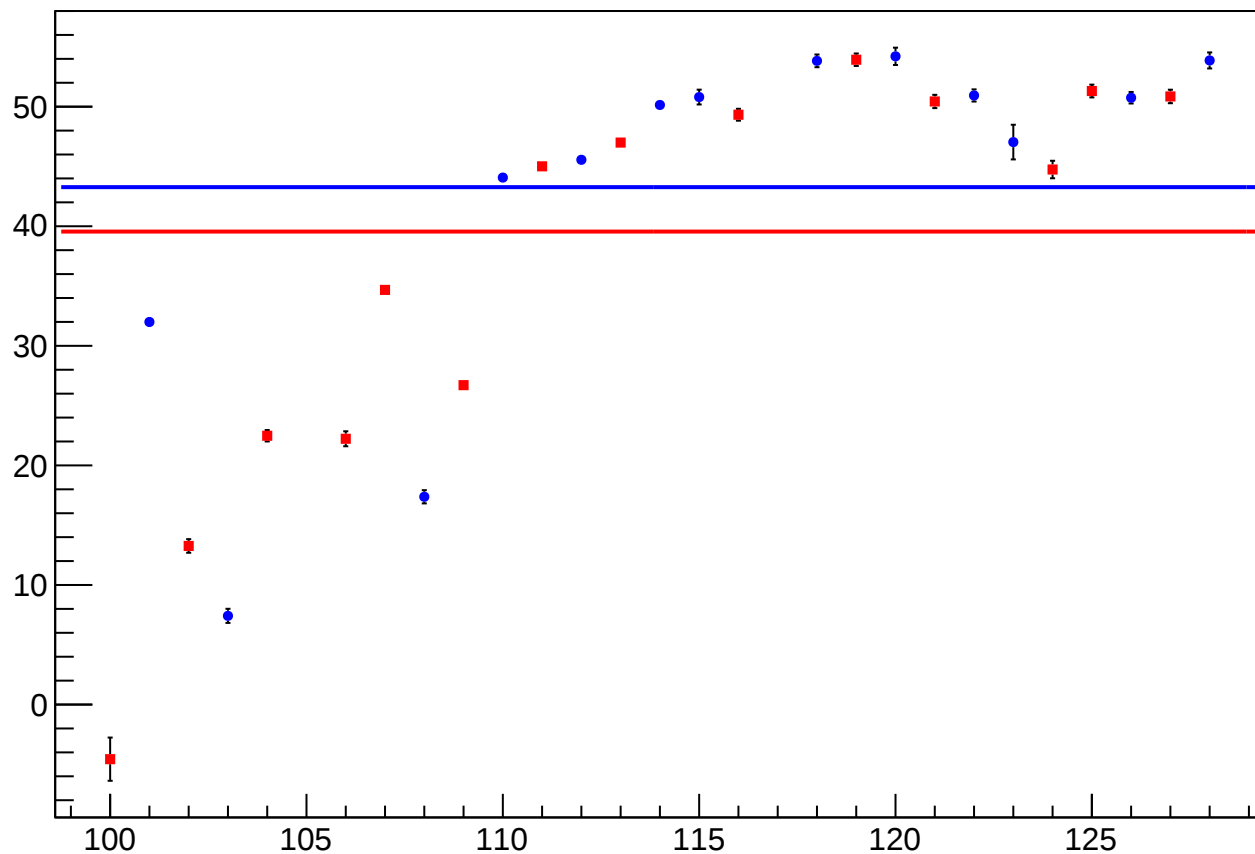
Right: -48.875+/-0.085 χ^2/NDF : 25653.3/26

In: -49.497+/-0.133 χ^2/NDF : 14324.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.875+/-0.085 χ^2/NDF : 25653.3/26

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.271+/-0.095 χ^2/NDF : 9497.9/12

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

Right Out: 39.556+/-0.085 χ^2/NDF : 15536.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

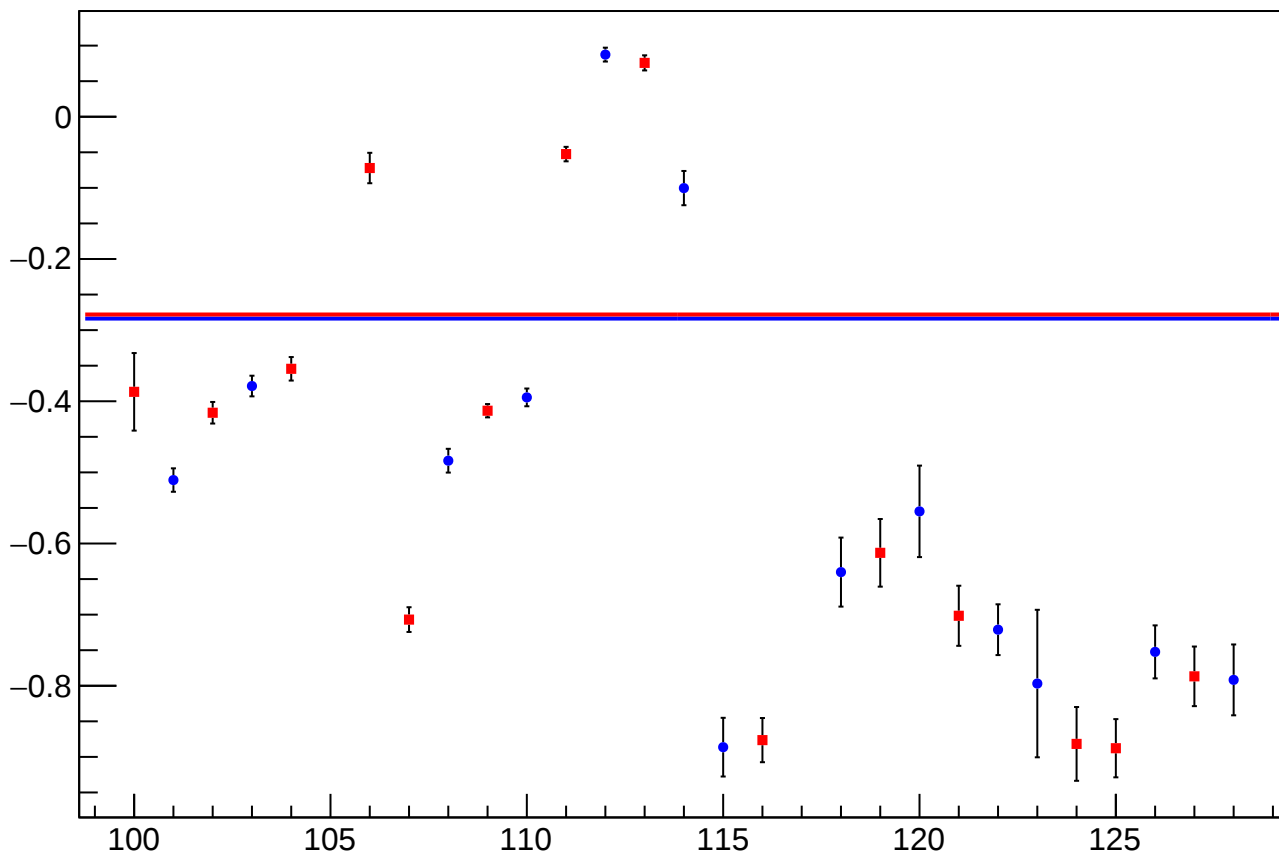
Right: 41.216+/-0.063 χ^2/NDF : 25884.7/26

In: 43.271+/-0.095 χ^2/NDF : 9497.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.216+/-0.063 χ^2/NDF : 25884.7/26

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.284 ± 0.005 χ^2/NDF : 2681.9/12

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

Right Out: -0.278 ± 0.005 χ^2/NDF : 3643.9/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

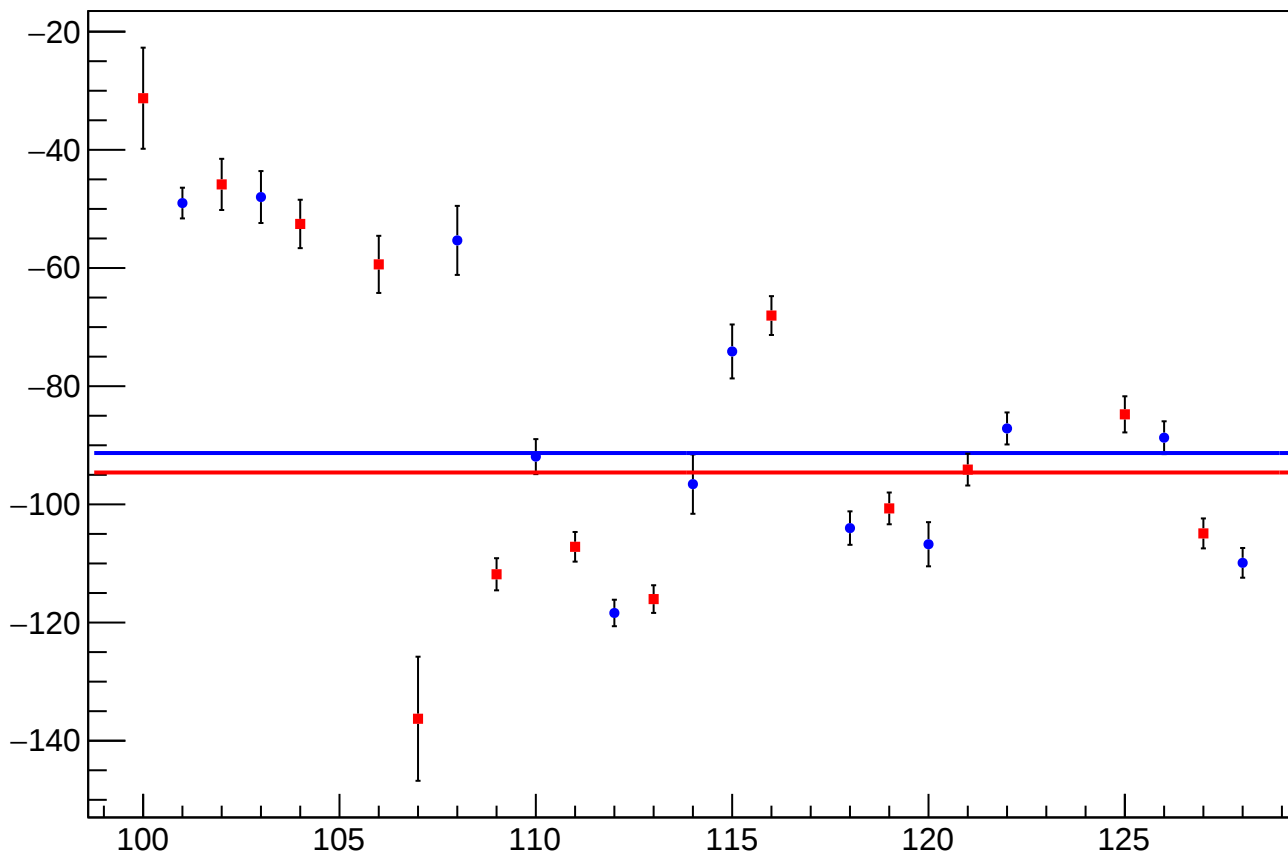
Right: -0.280 ± 0.004 χ^2/NDF : 6326.5/26

In: -0.284 ± 0.005 χ^2/NDF : 2681.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.280 ± 0.004 χ^2/NDF : 6326.5/26

reg_asym_usl_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -91.310 $\pm$ 0.895 χ^2 /NDF: 656.1/11

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

Right Out: -94.605 $\pm$ 0.882 χ^2 /NDF: 602.2/12

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

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

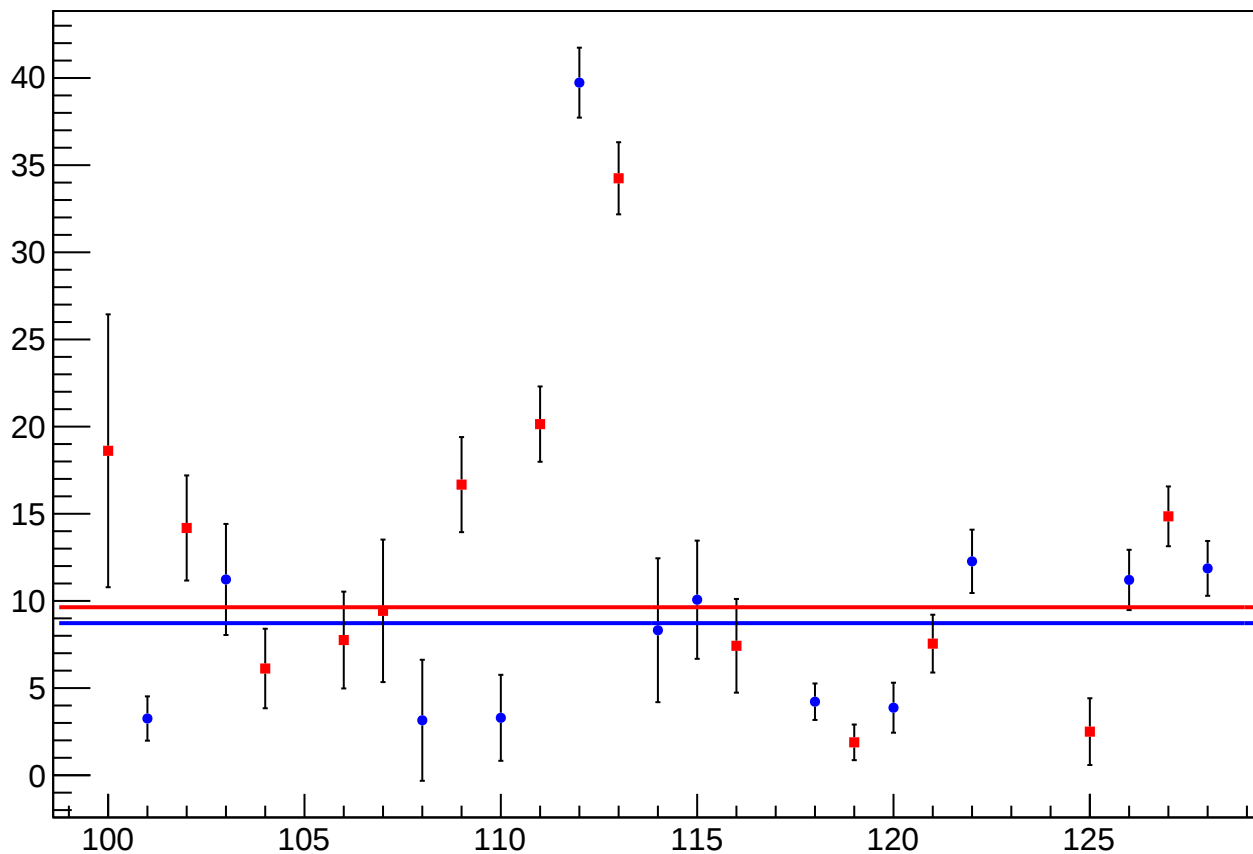
Right: -92.981 $\pm$ 0.628 χ^2 /NDF: 1265.2/24

In: -91.310 $\pm$ 0.895 χ^2 /NDF:656.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -92.981 $\pm$ 0.628 χ^2 /NDF: 1265.2/24

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.725+/-0.513 χ^2/NDF : 305.4/11

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

Right Out: 9.639+/-0.562 χ^2/NDF : 261.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

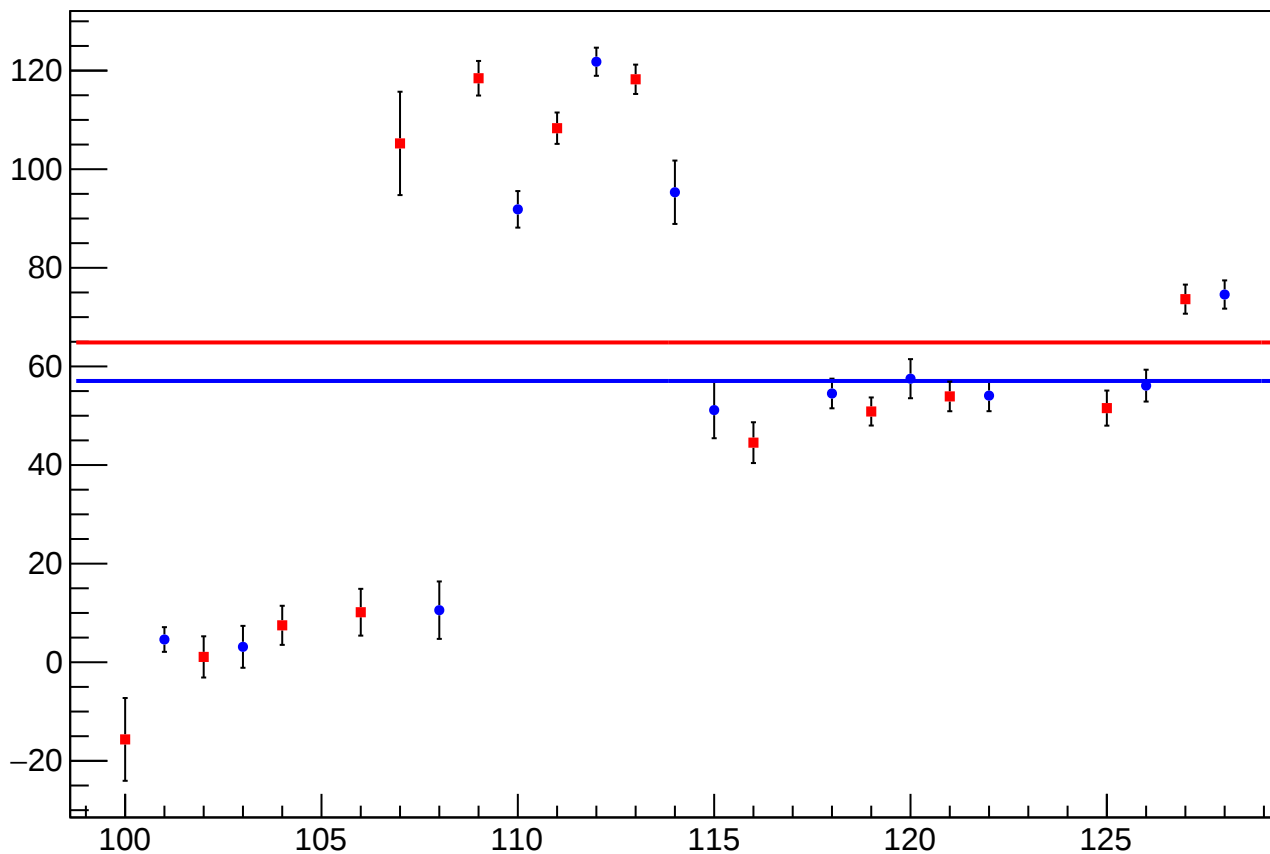
Right: 9.140+/-0.379 χ^2/NDF : 567.9/24

In: 8.725+/-0.513 χ^2/NDF :305.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 9.140+/-0.379 χ^2/NDF : 567.9/24

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 57.051+/-1.007 χ^2 /NDF: 1341.3/11

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

Right Out: 64.861+/-1.017 χ^2 /NDF: 1508.1/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

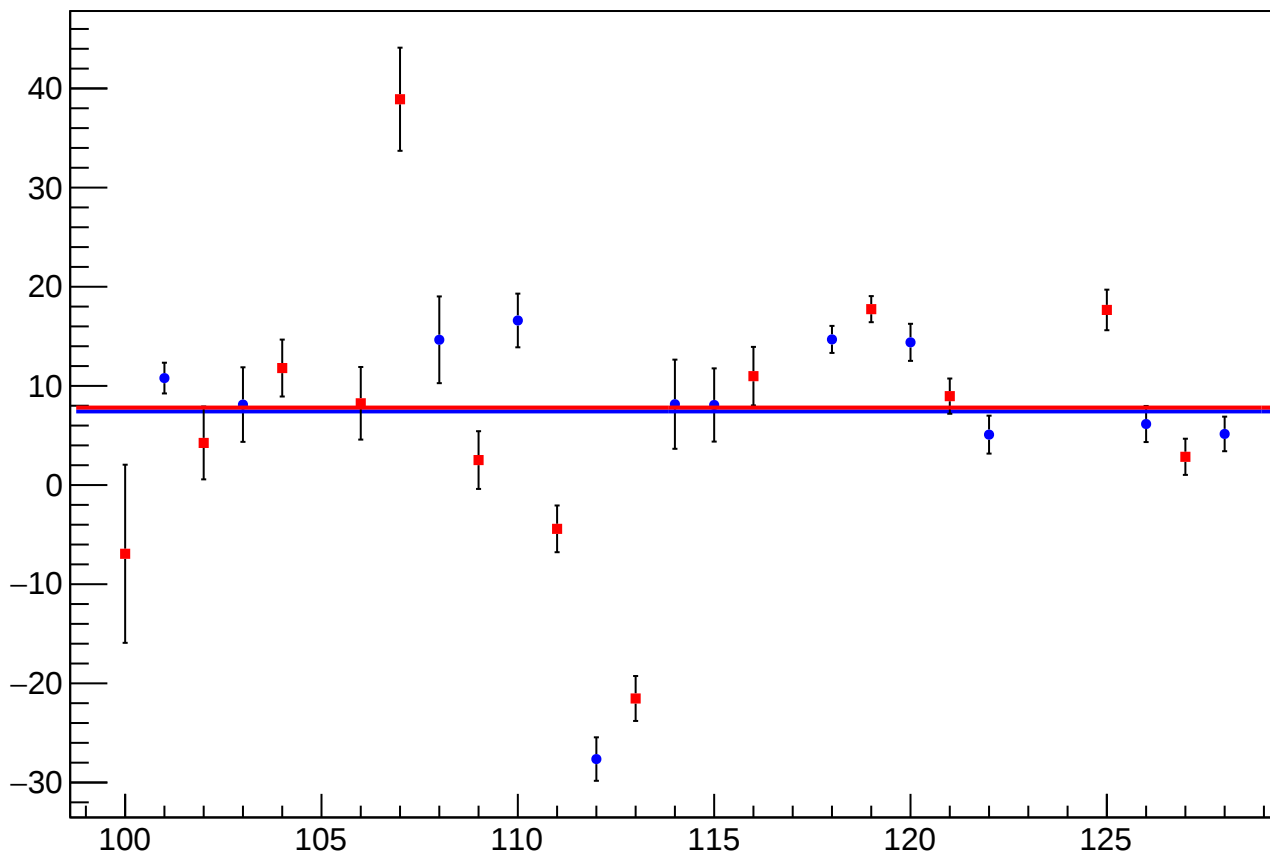
Right: 60.918+/-0.715 χ^2 /NDF: 2879.2/24

In: 57.051+/-1.007 χ^2 /NDF:1341.3/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 60.918+/-0.715 χ^2 /NDF: 2879.2/24

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.426+/-0.605 χ^2/NDF : 320.6/11

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

Right Out: 7.815+/-0.651 χ^2/NDF : 328.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

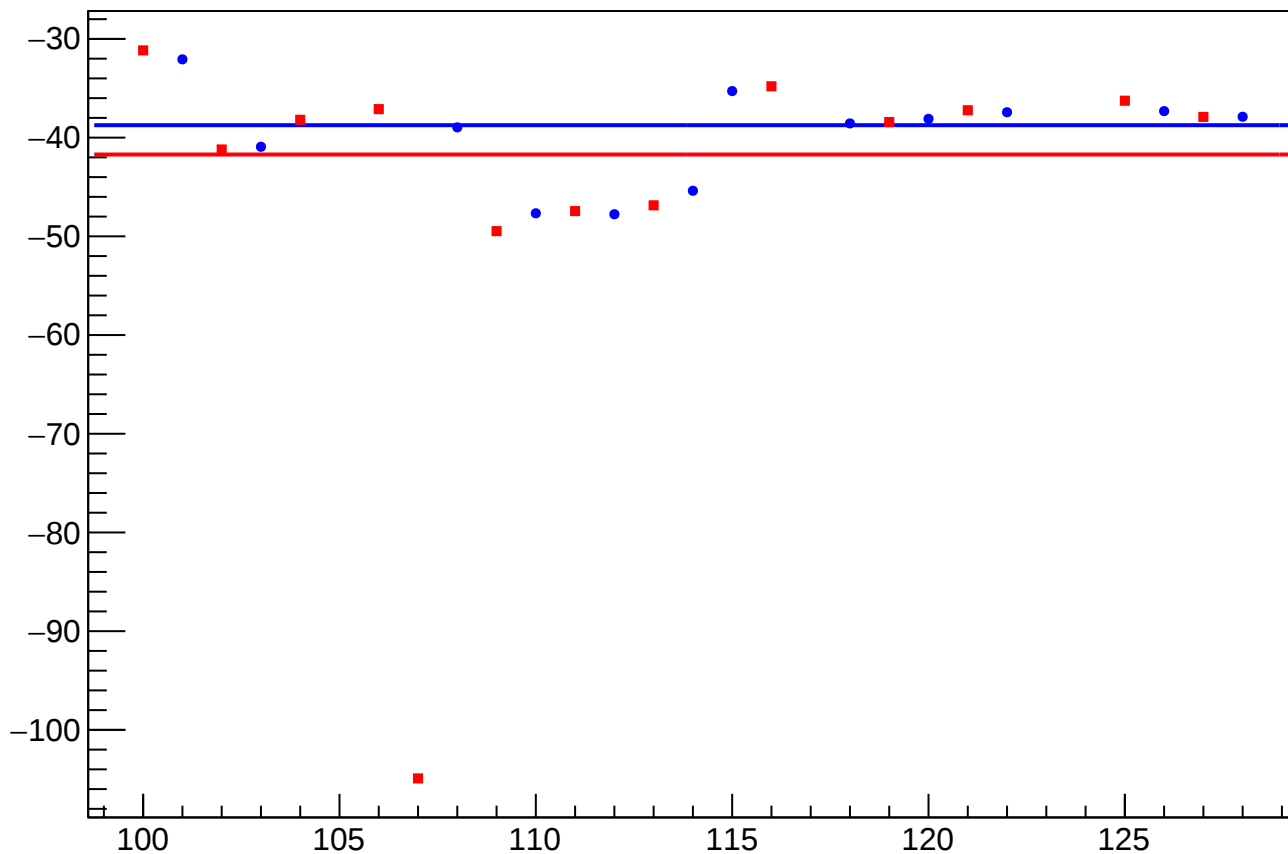
Right: 7.606+/-0.443 χ^2/NDF : 649.1/24

In: 7.426+/-0.605 χ^2/NDF : 320.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.606+/-0.443 χ^2/NDF : 649.1/24

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.739+/-0.038 χ^2/NDF : 14037.7/11

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

Right Out: -41.711+/-0.038 χ^2/NDF : 83757.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

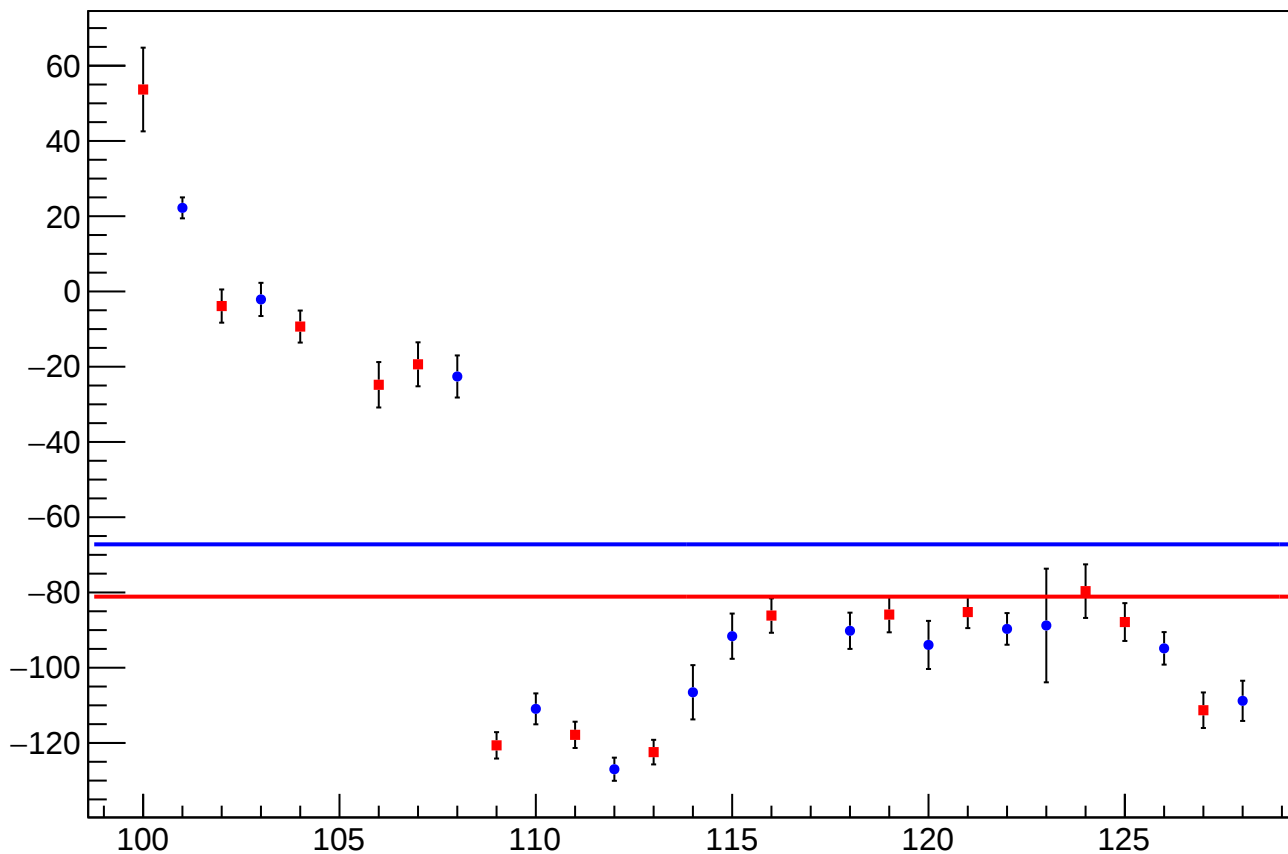
Right: -40.241+/-0.027 χ^2/NDF : 100816.3/24

In: -38.739+/-0.038 χ^2/NDF : 14037.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.241+/-0.027 χ^2/NDF : 100816.3/24

reg_asym_usr_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -67.211+/-1.249 χ^2/NDF : 2020.1/12

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

Right Out: -81.109+/-1.213 χ^2/NDF : 1379.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

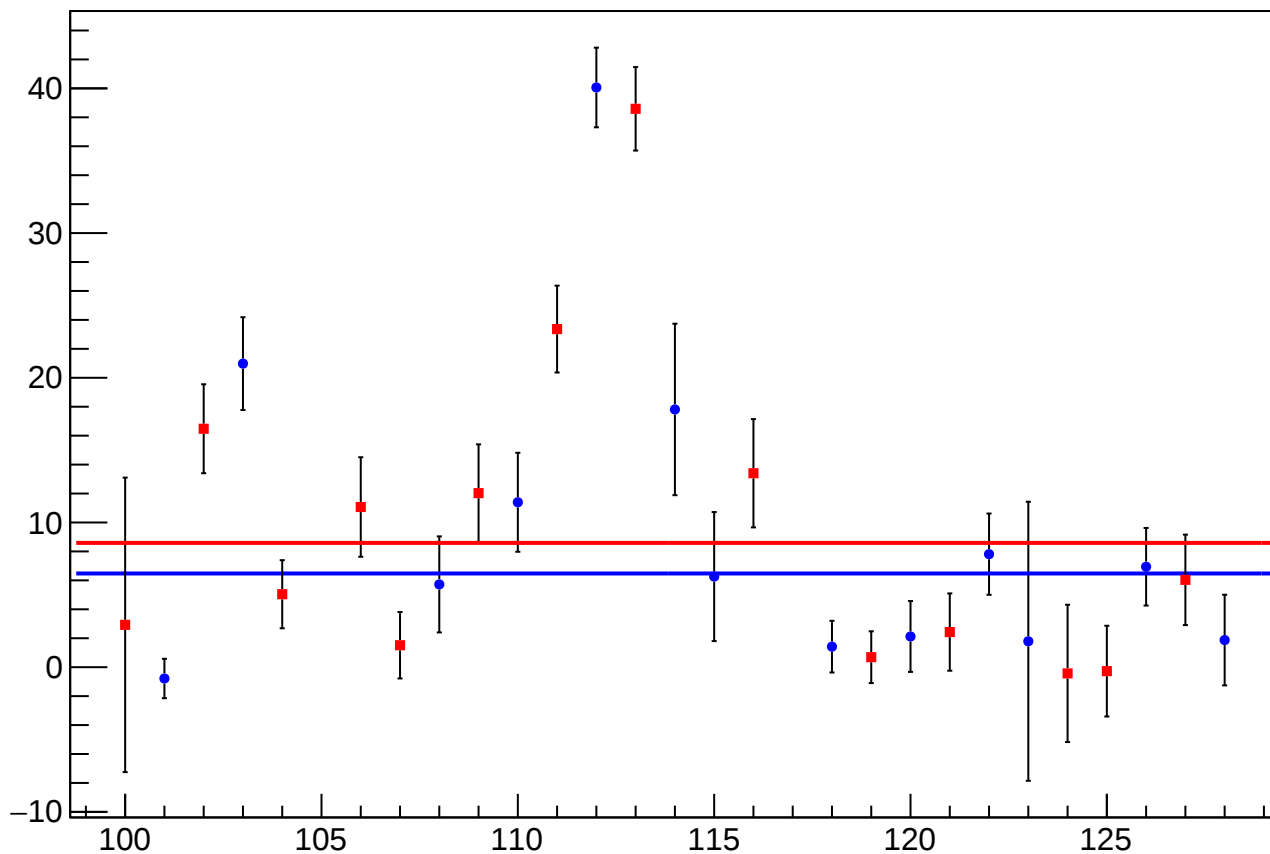
Right: -74.366+/-0.870 χ^2/NDF : 3463.0/26

In: -67.211+/-1.249 χ^2/NDF : 2020.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -74.366+/-0.870 χ^2/NDF : 3463.0/26

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.476+/-0.729 χ^2/NDF : 217.4/12

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

Right Out: 8.589+/-0.776 χ^2/NDF : 191.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

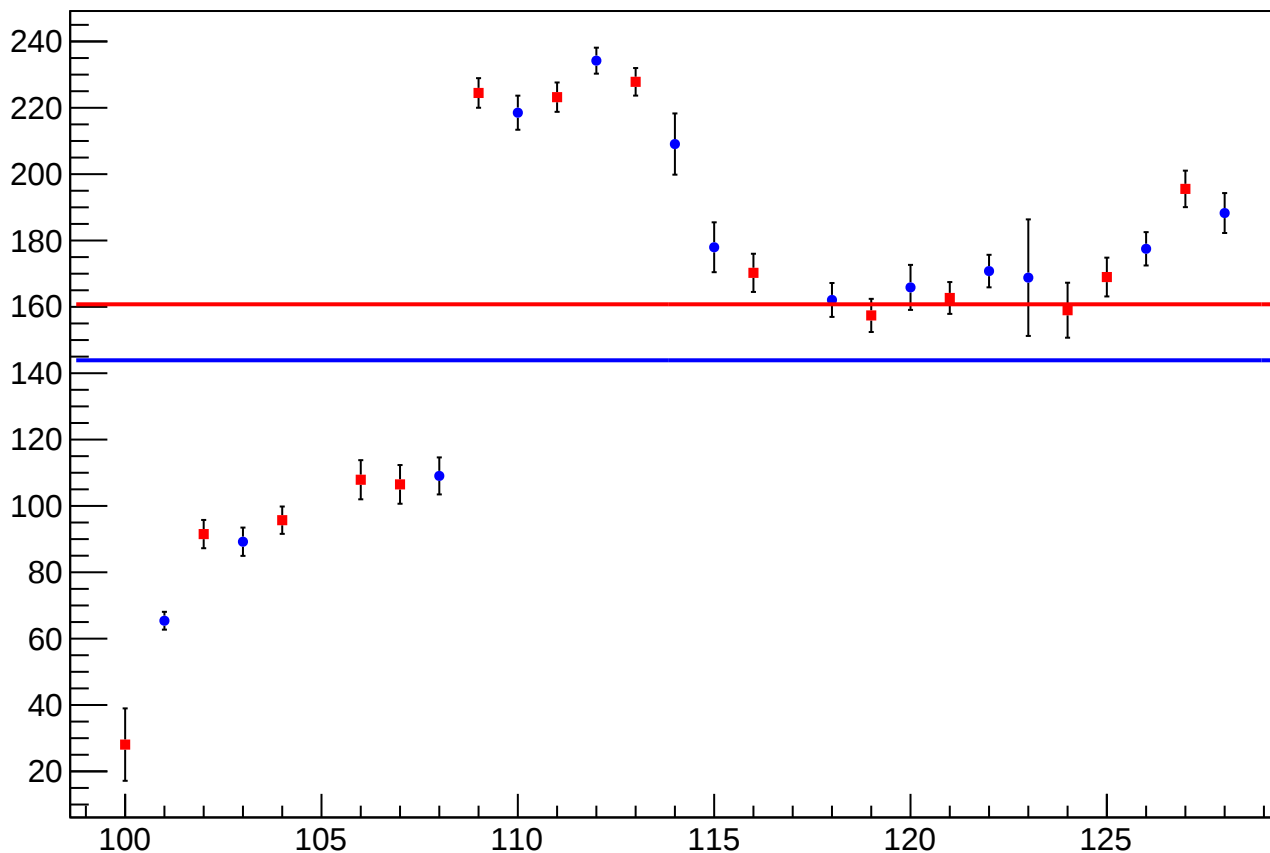
Right: 7.467+/-0.531 χ^2/NDF : 412.5/26

In: 6.476+/-0.729 χ^2/NDF : 217.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.467+/-0.531 χ^2/NDF : 412.5/26

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 143.897+/-1.373 χ^2/NDF : 2025.2/12

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

Right Out: 160.775+/-1.373 χ^2/NDF : 1537.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

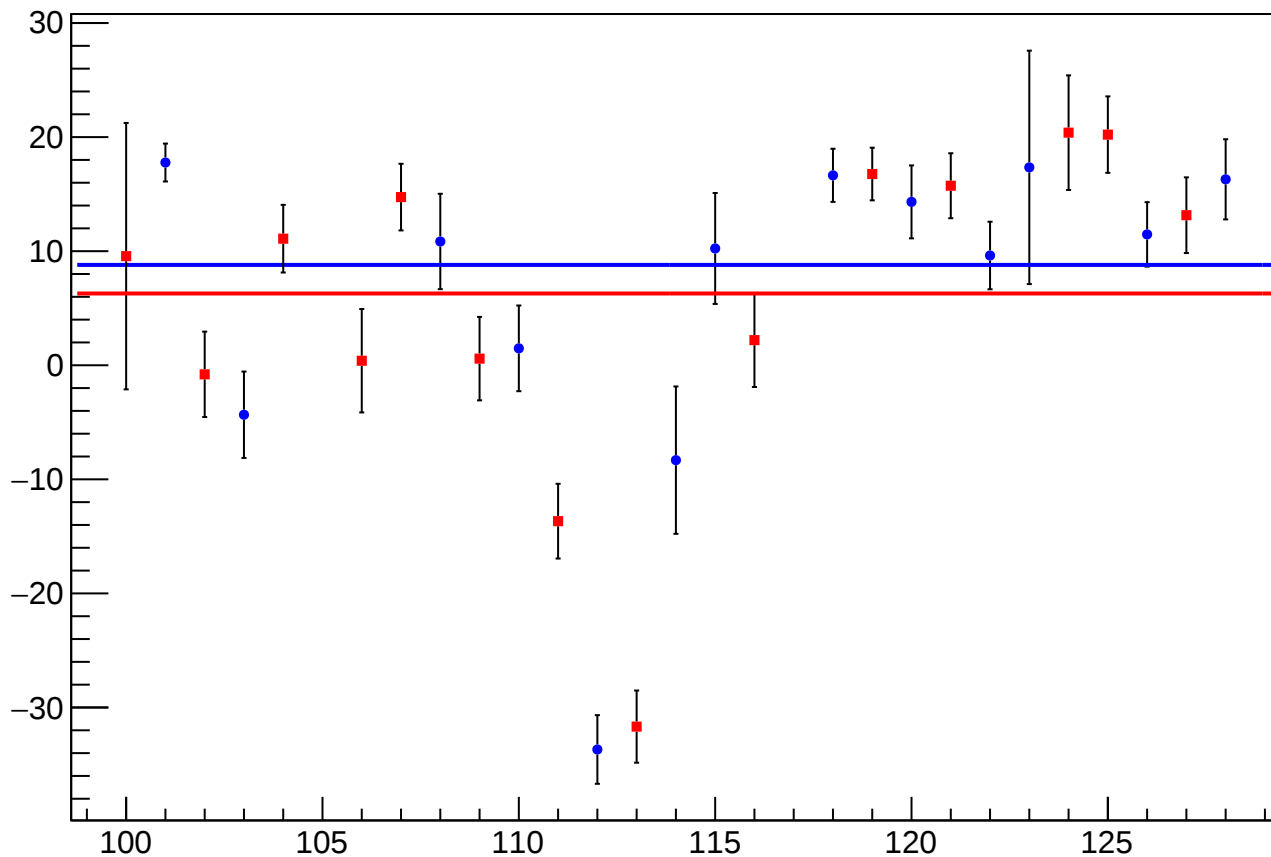
Right: 152.336+/-0.971 χ^2/NDF : 3637.7/26

In: 143.897+/-1.373 χ^2/NDF : 2025.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.336+/-0.971 χ^2/NDF : 3637.7/26

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.797 $\pm$ 0.861 χ^2 /NDF: 272.2/12

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

Right Out: 6.292 $\pm$ 0.907 χ^2 /NDF: 262.0/13

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

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

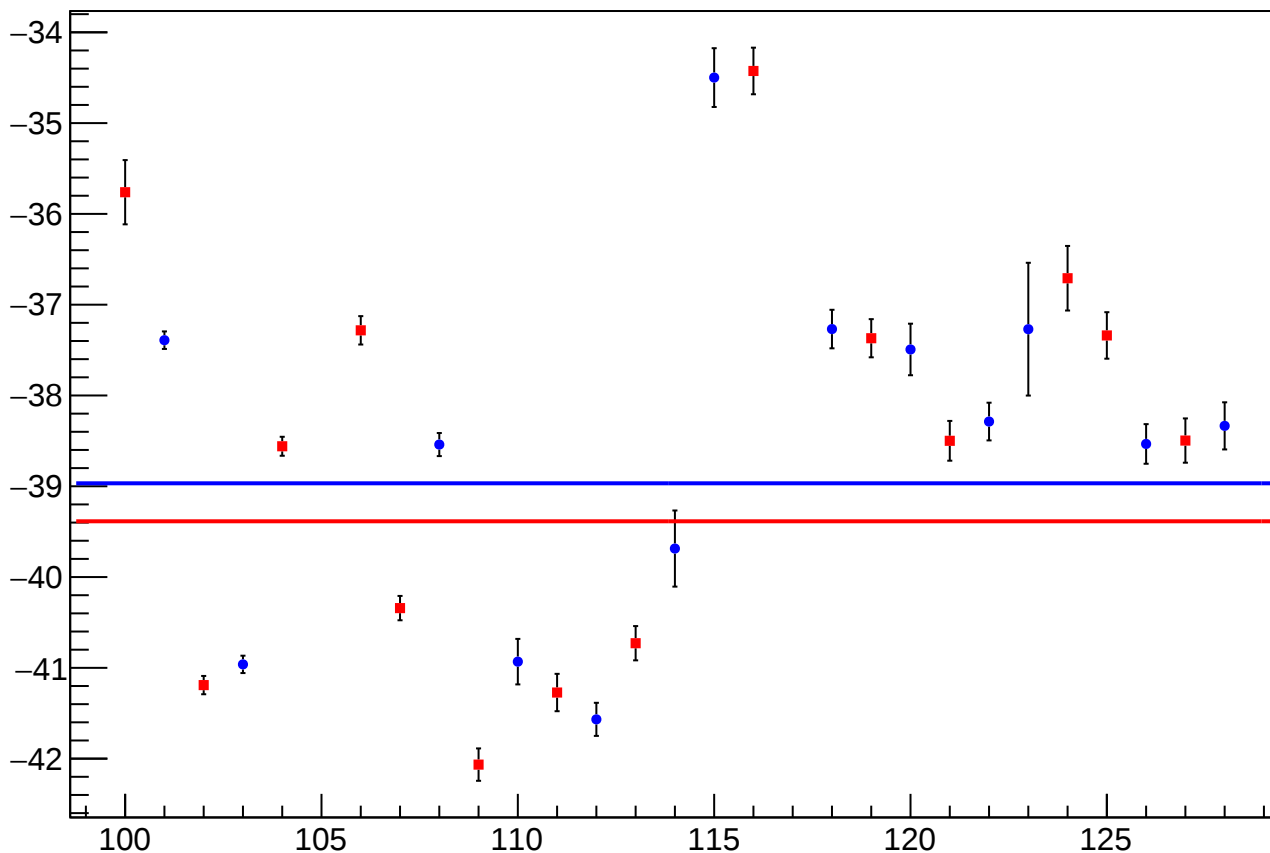
Right: 7.610 $\pm$ 0.624 χ^2 /NDF: 538.2/26

In: 8.797 $\pm$ 0.861 χ^2 /NDF:272.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 7.610 $\pm$ 0.624 χ^2 /NDF: 538.2/26

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.967 $\pm$ 0.048 χ^2 /NDF: 1288.0/12

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

Right Out: -39.386 $\pm$ 0.046 χ^2 /NDF: 1695.9/13

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

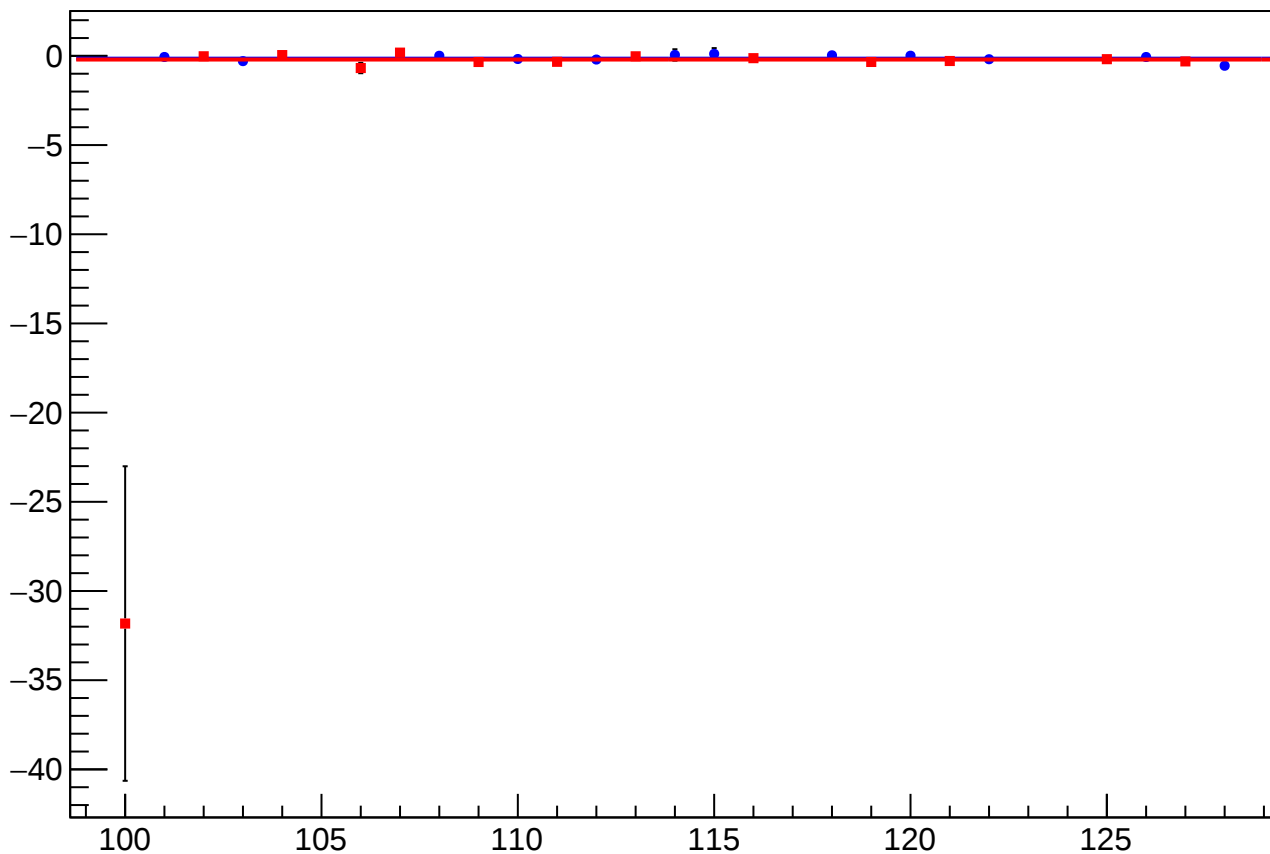
Right: -39.186 $\pm$ 0.033 χ^2 /NDF: 3023.7/26

In: -38.967 $\pm$ 0.048 χ^2 /NDF:1288.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -39.186 $\pm$ 0.033 χ^2 /NDF: 3023.7/26

reg_asym_dsl_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.156+/-0.057 χ^2/NDF : 9.2/11

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

Right Out: -0.205+/-0.057 χ^2/NDF : 23.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

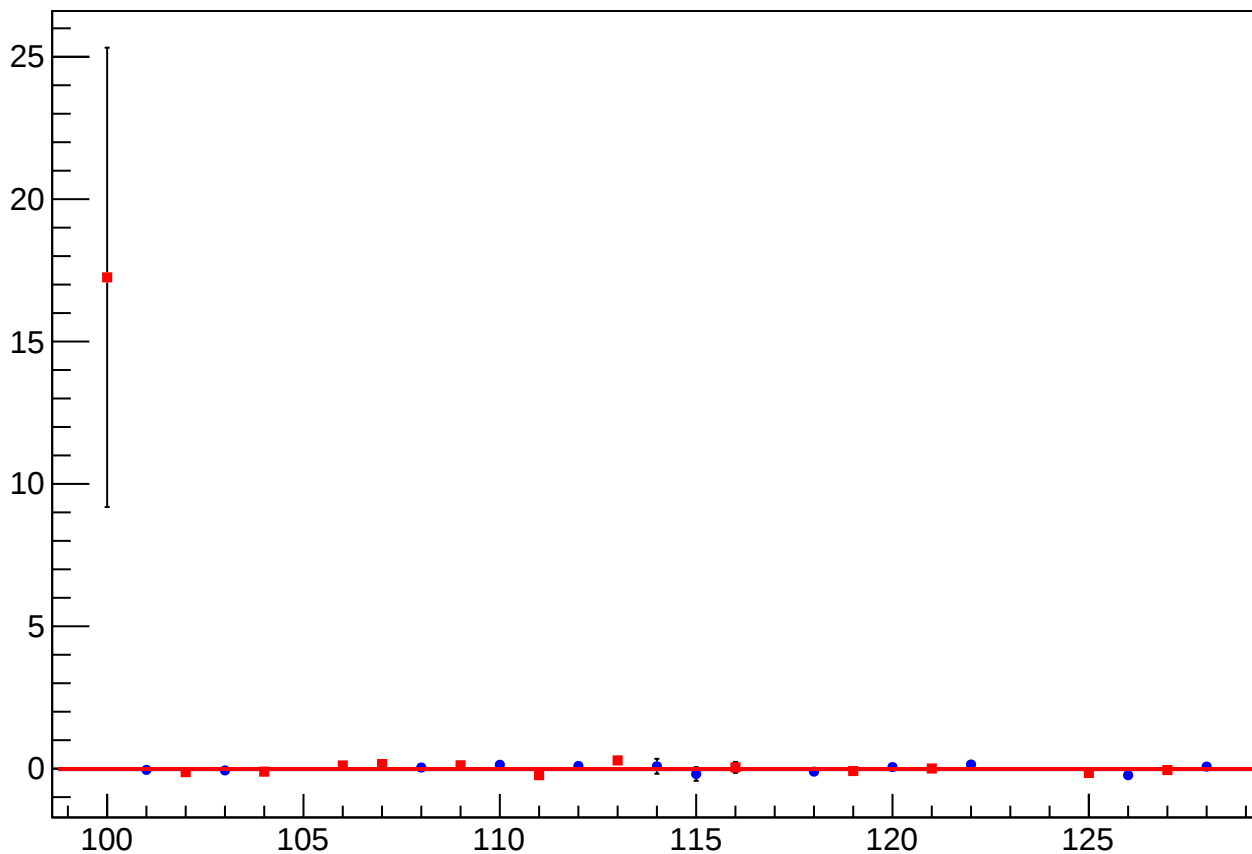
Right: -0.181+/-0.040 χ^2/NDF : 33.3/24

In: -0.156+/-0.057 χ^2/NDF : 9.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.181+/-0.040 χ^2/NDF : 33.3/24

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.016+/-0.033 χ^2/NDF : 9.2/11

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

Right Out: -0.013+/-0.036 χ^2/NDF : 19.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

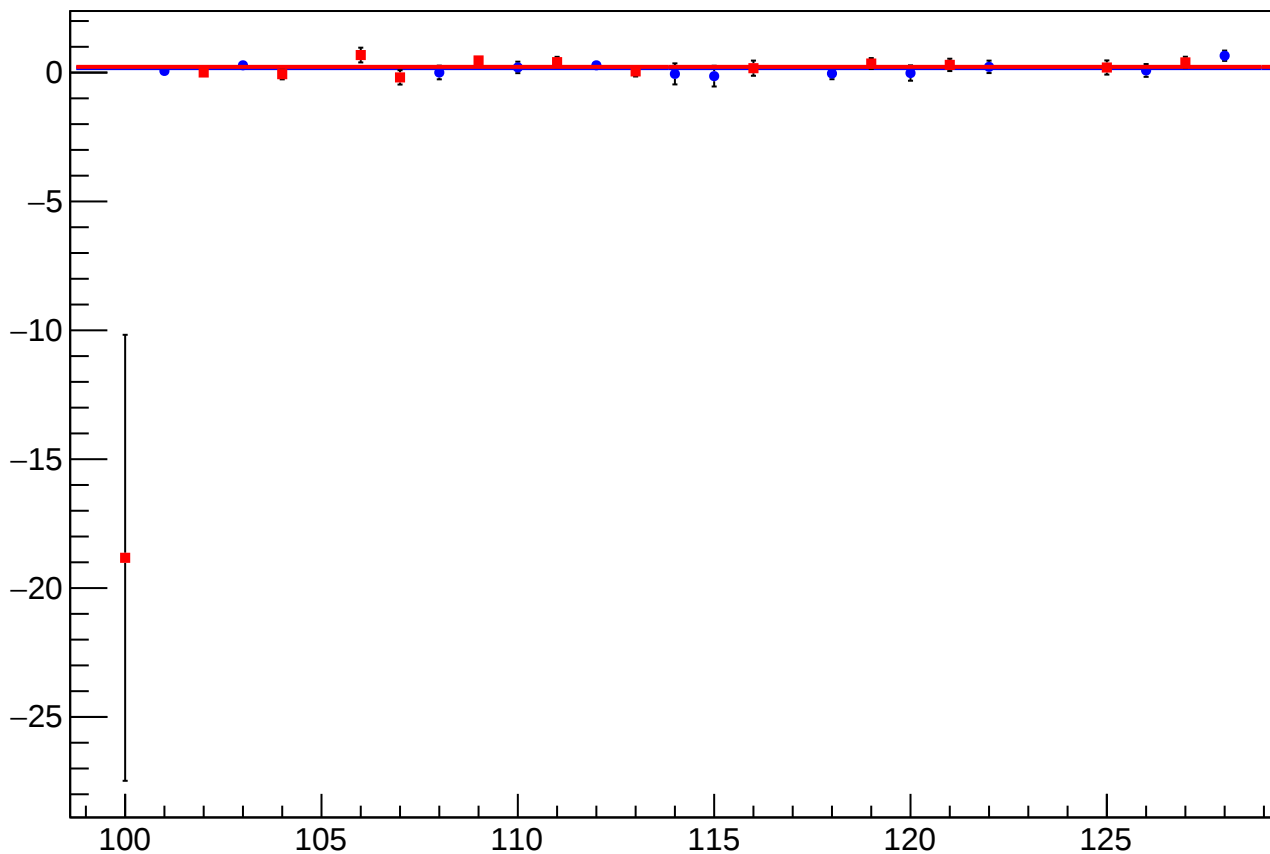
Right: -0.015+/-0.024 χ^2/NDF : 28.2/24

In: -0.016+/-0.033 χ^2/NDF : 9.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.015+/-0.024 χ^2/NDF : 28.2/24

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.173+/-0.063 χ^2/NDF : 10.0/11

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

Right Out: 0.222+/-0.064 χ^2/NDF : 17.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

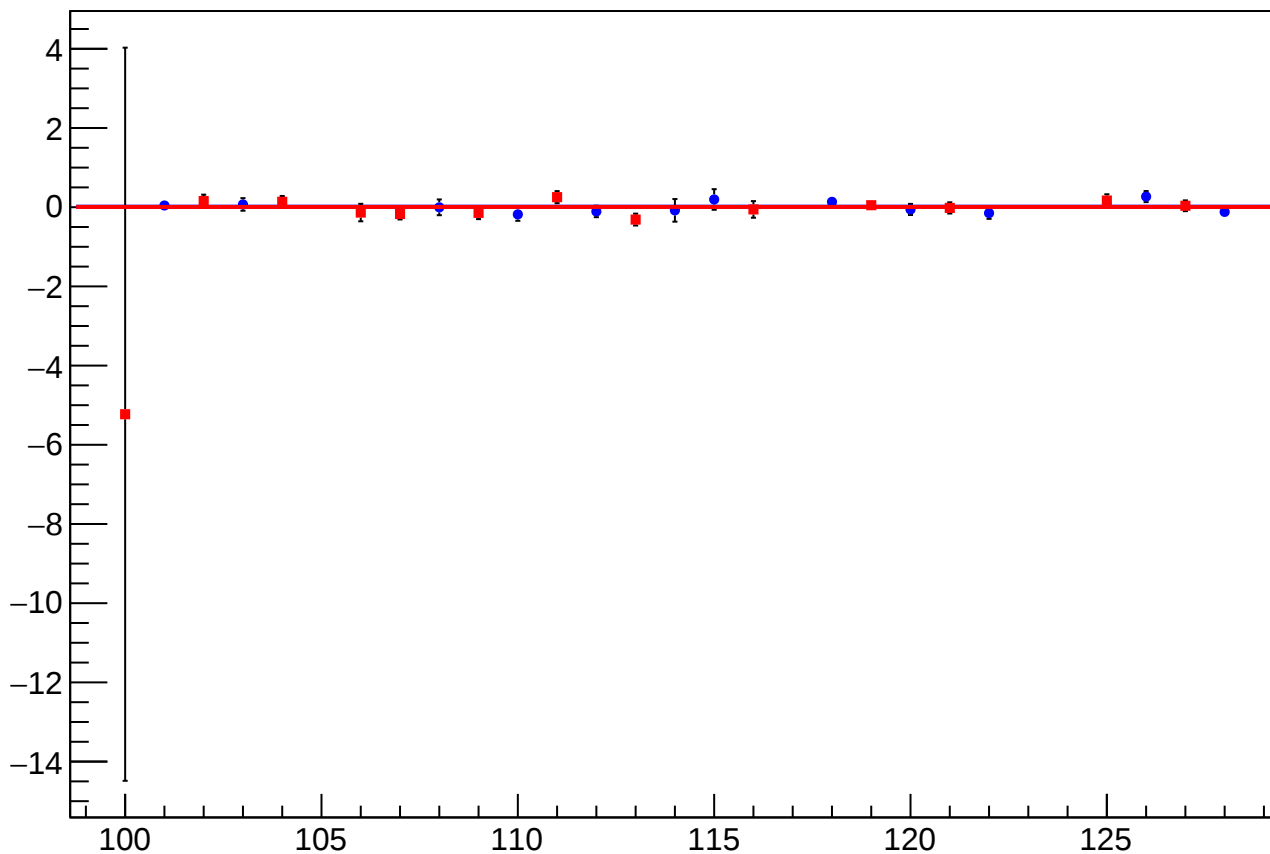
Right: 0.197+/-0.045 χ^2/NDF : 27.7/24

In: 0.173+/-0.063 χ^2/NDF : 10.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.197+/-0.045 χ^2/NDF : 27.7/24

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.013+/-0.039 χ^2/NDF : 10.4/11

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

Right Out: 0.006+/-0.042 χ^2/NDF : 13.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

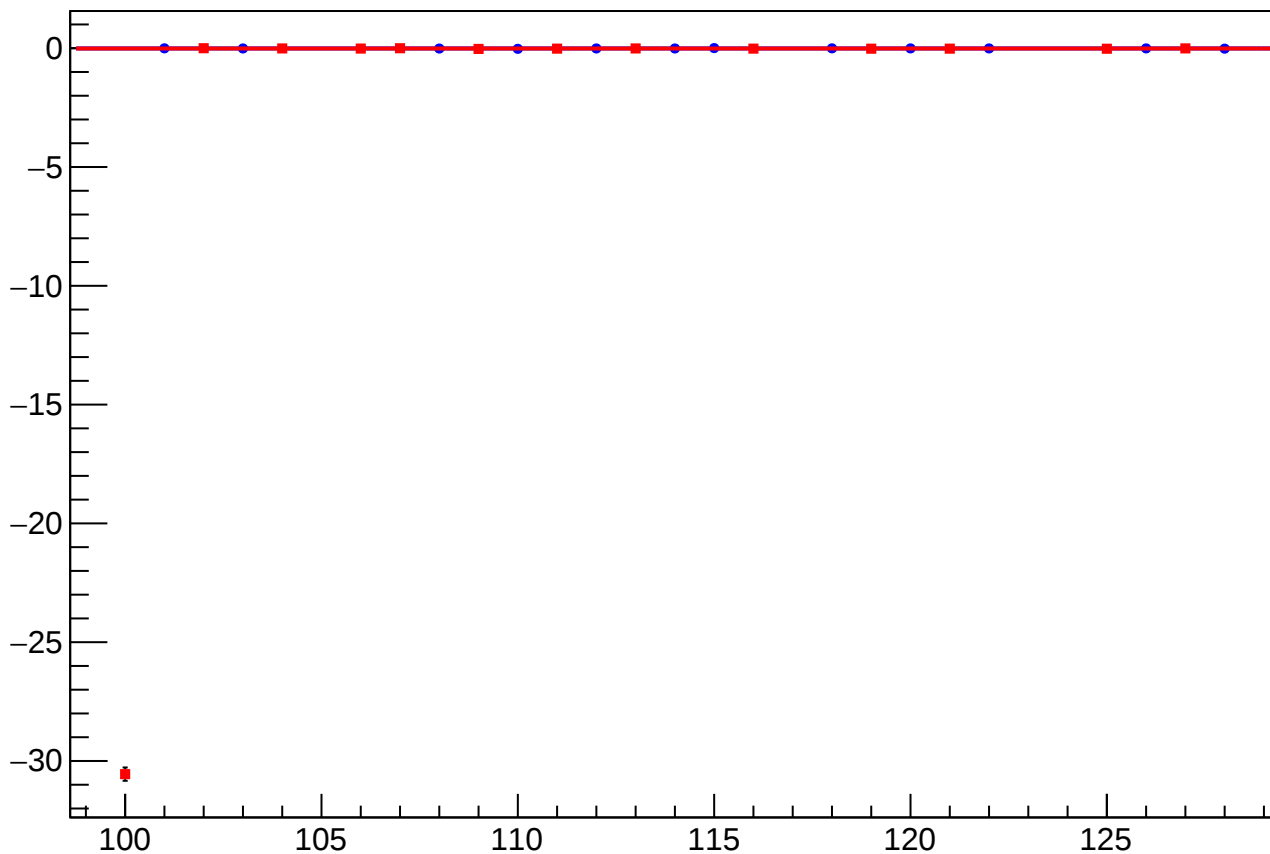
Right: 0.010+/-0.029 χ^2/NDF : 24.0/24

In: 0.013+/-0.039 χ^2/NDF : 10.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.029 χ^2/NDF : 24.0/24

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.002 χ^2 /NDF: 5.6/11

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

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11884.0/12

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

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

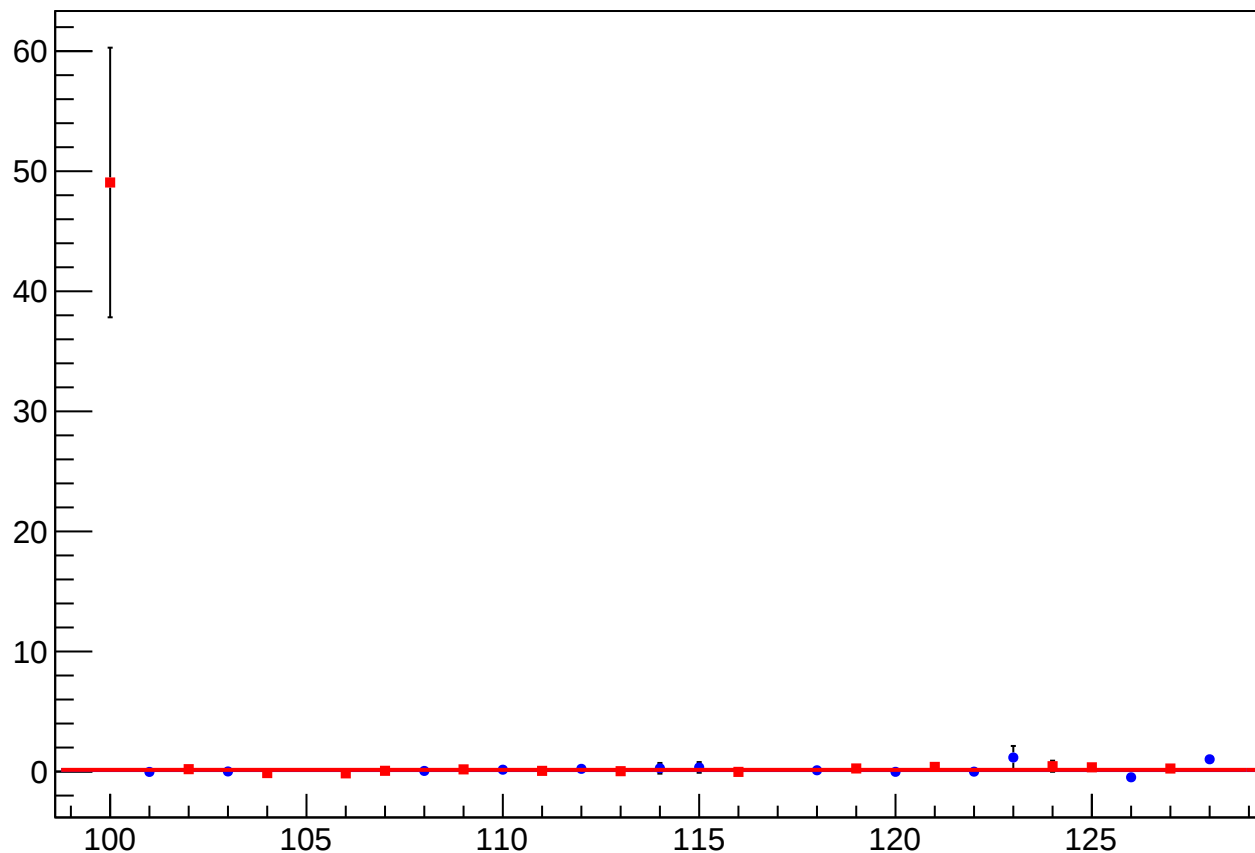
Right: -0.011 $\pm$ 0.002 χ^2 /NDF: 11890.0/24

In: -0.010 $\pm$ 0.002 χ^2 /NDF:5.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.011 $\pm$ 0.002 χ^2 /NDF: 11890.0/24

reg_asym_dsr_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 0.126+/-0.072 χ^2/NDF : 21.5/12

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

Right Out: 0.142+/-0.074 χ^2/NDF : 23.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

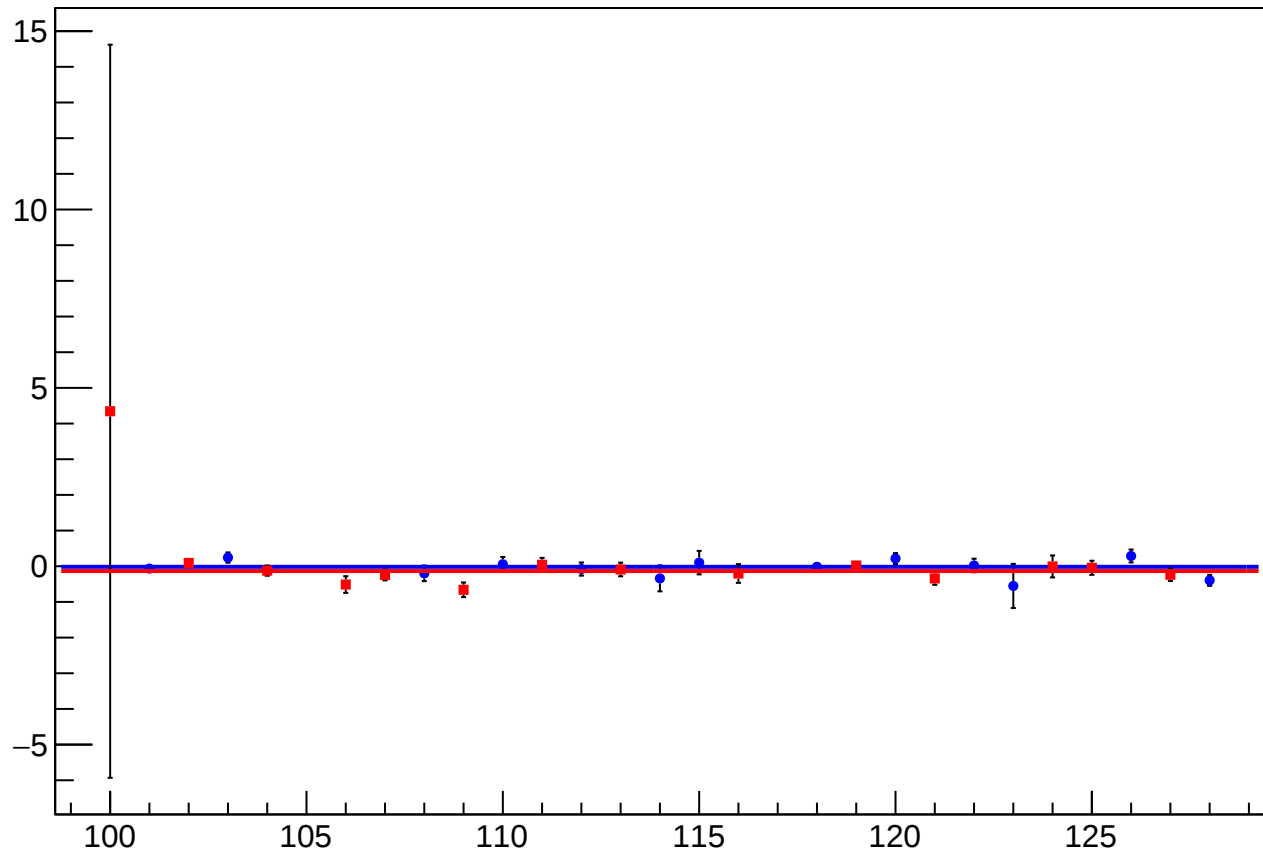
Right: 0.134+/-0.052 χ^2/NDF : 45.0/26

In: 0.126+/-0.072 χ^2/NDF : 21.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.134+/-0.052 χ^2/NDF : 45.0/26

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.016 $\pm$ 0.042 χ^2 /NDF: 17.6/12

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

Right Out: -0.135 $\pm$ 0.048 χ^2 /NDF: 17.6/13

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

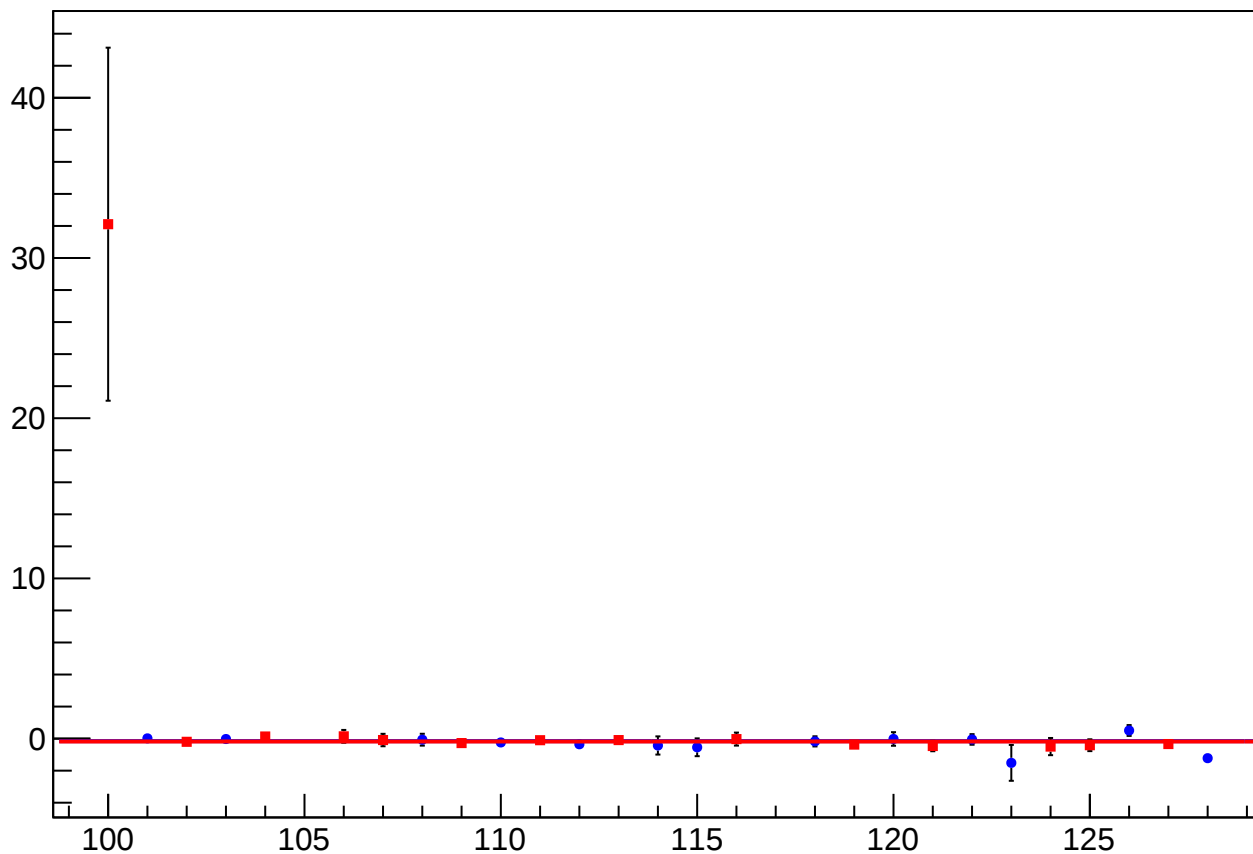
Right: -0.068 $\pm$ 0.032 χ^2 /NDF: 38.6/26

In: -0.016 $\pm$ 0.042 χ^2 /NDF:17.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.068 $\pm$ 0.032 χ^2 /NDF: 38.6/26

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.158+/-0.078 χ^2/NDF : 23.5/12

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

Right Out: -0.179+/-0.083 χ^2/NDF : 13.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

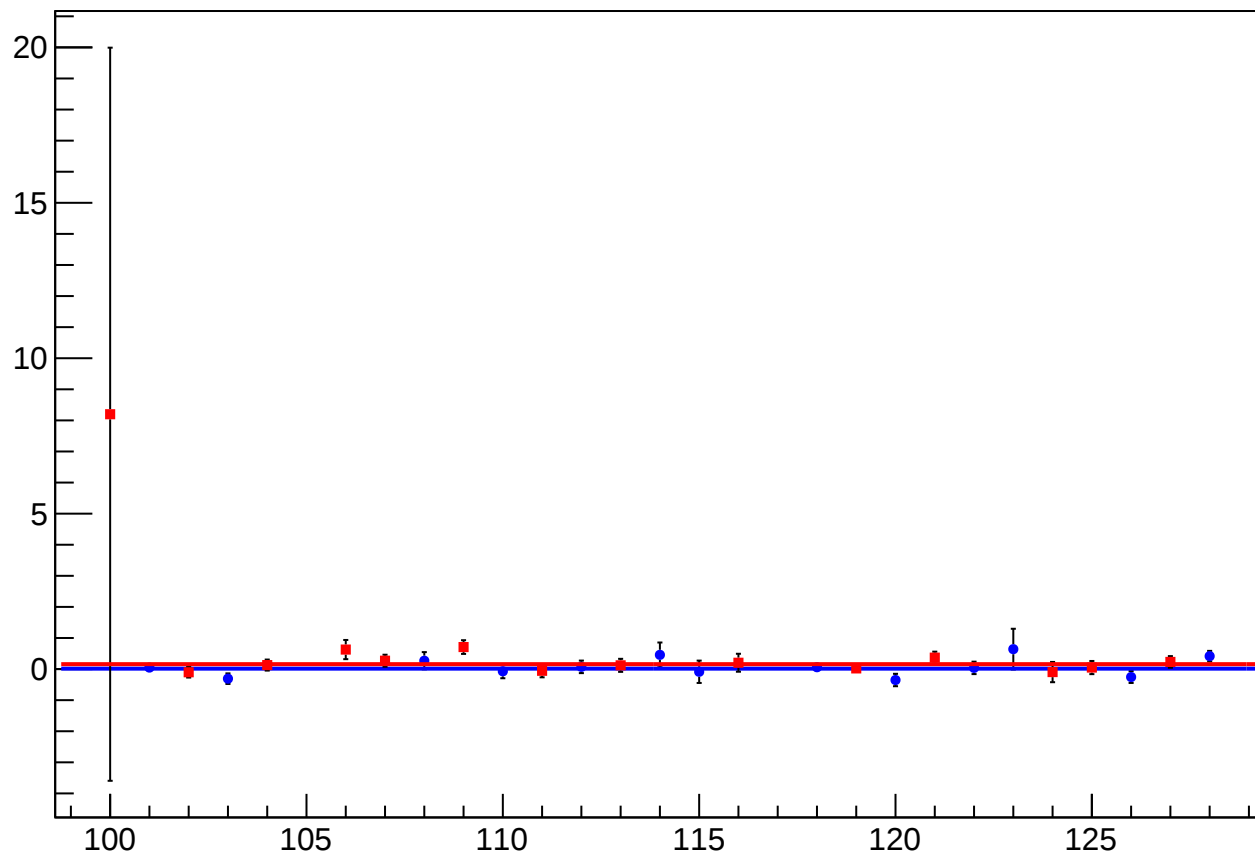
Right: -0.168+/-0.057 χ^2/NDF : 37.2/26

In: -0.158+/-0.078 χ^2/NDF : 23.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.168+/-0.057 χ^2/NDF : 37.2/26

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.014 +/- 0.050 χ^2/NDF : 18.1/12

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

Right Out: 0.158 +/- 0.056 χ^2/NDF : 16.0/13

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

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

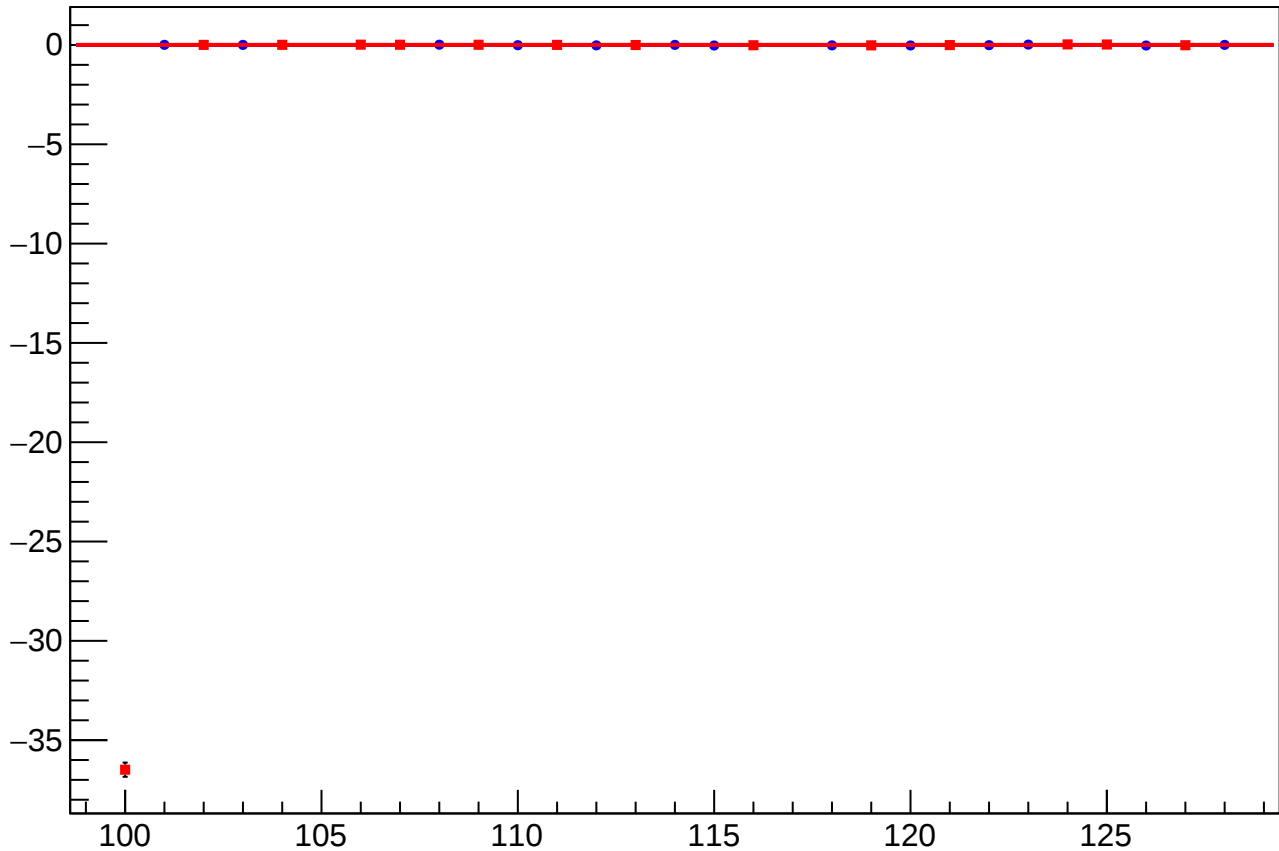
Right: 0.078 +/- 0.037 χ^2/NDF : 37.8/26

In: 0.014 +/- 0.050 χ^2/NDF : 18.1/12

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 0.078 +/- 0.037 χ^2/NDF : 37.8/26

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.003 χ^2 /NDF: 18.0/12

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

Right Out: 0.004 $\pm$ 0.003 χ^2 /NDF: 10442.0/13

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

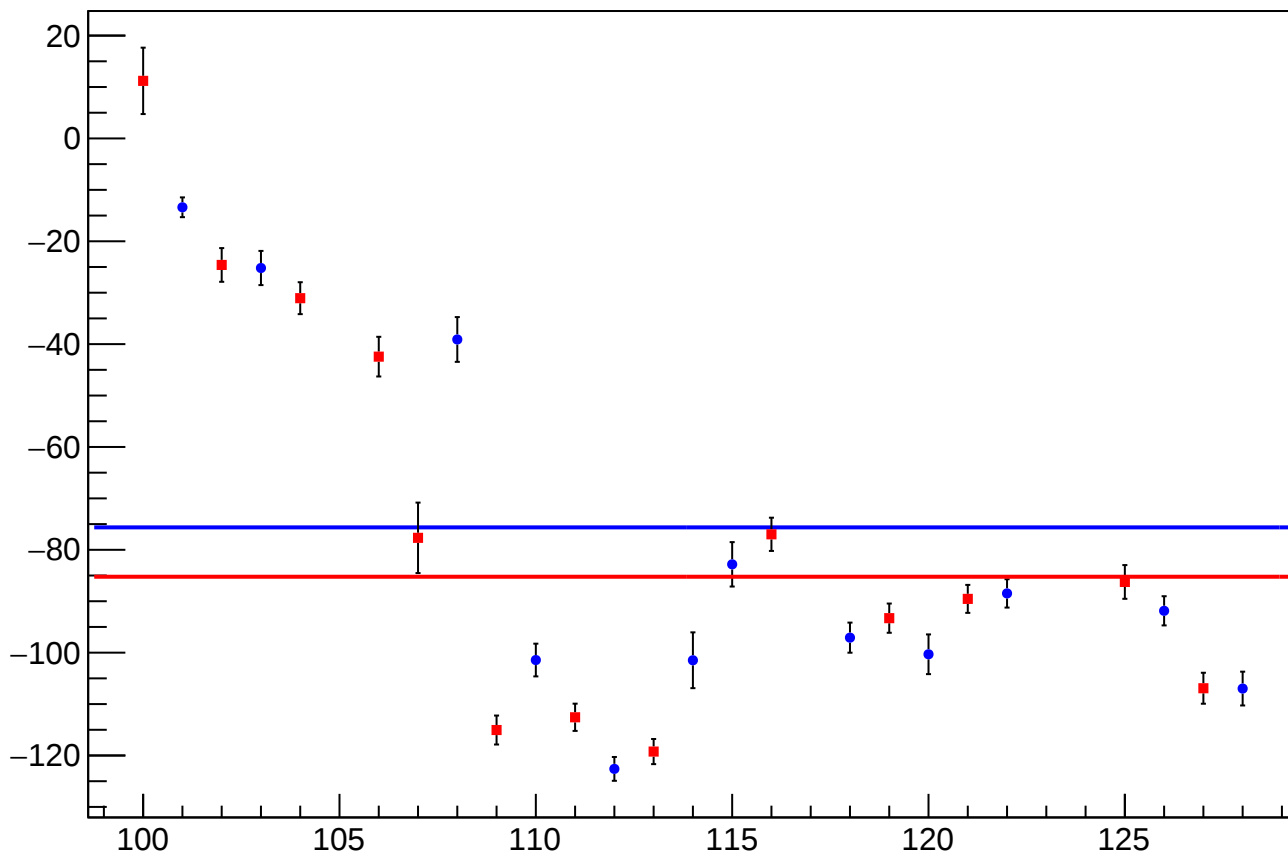
Right: 0.003 $\pm$ 0.002 χ^2 /NDF: 10460.3/26

In: 0.002 $\pm$ 0.003 χ^2 /NDF: 18.0/12

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

All: 0.003 $\pm$ 0.002 χ^2 /NDF: 10460.3/26

reg_asym_us_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -75.637 $\pm$ 0.871 χ^2/NDF : 2091.4/11

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

Right Out: -85.236 $\pm$ 0.876 χ^2/NDF : 1475.1/12

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

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

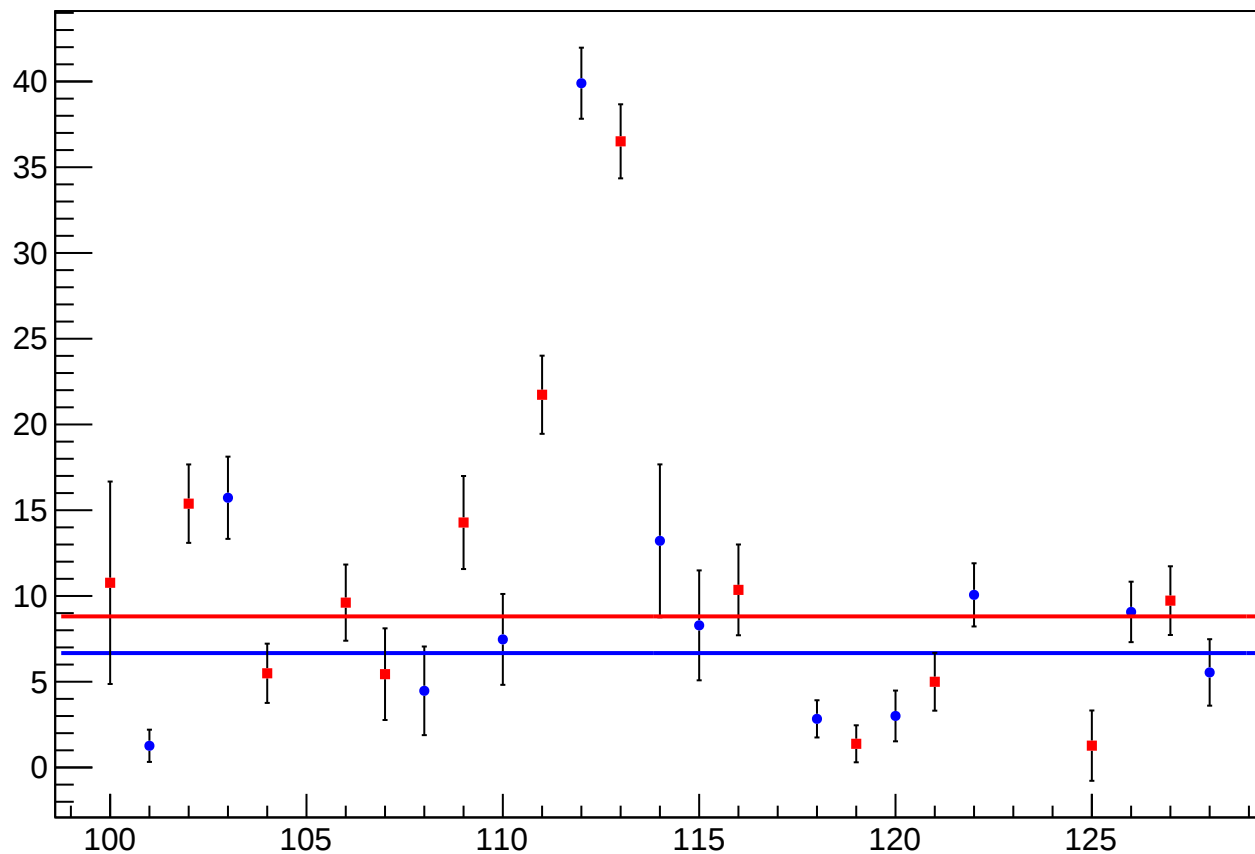
Right: -80.407 $\pm$ 0.618 χ^2/NDF : 3626.9/24

In: -75.637 $\pm$ 0.871 χ^2/NDF :2091.4/11

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: -80.407 $\pm$ 0.618 χ^2/NDF : 3626.9/24

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.670+/-0.490 χ^2/NDF : 331.7/11

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

Right Out: 8.809+/-0.552 χ^2/NDF : 281.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

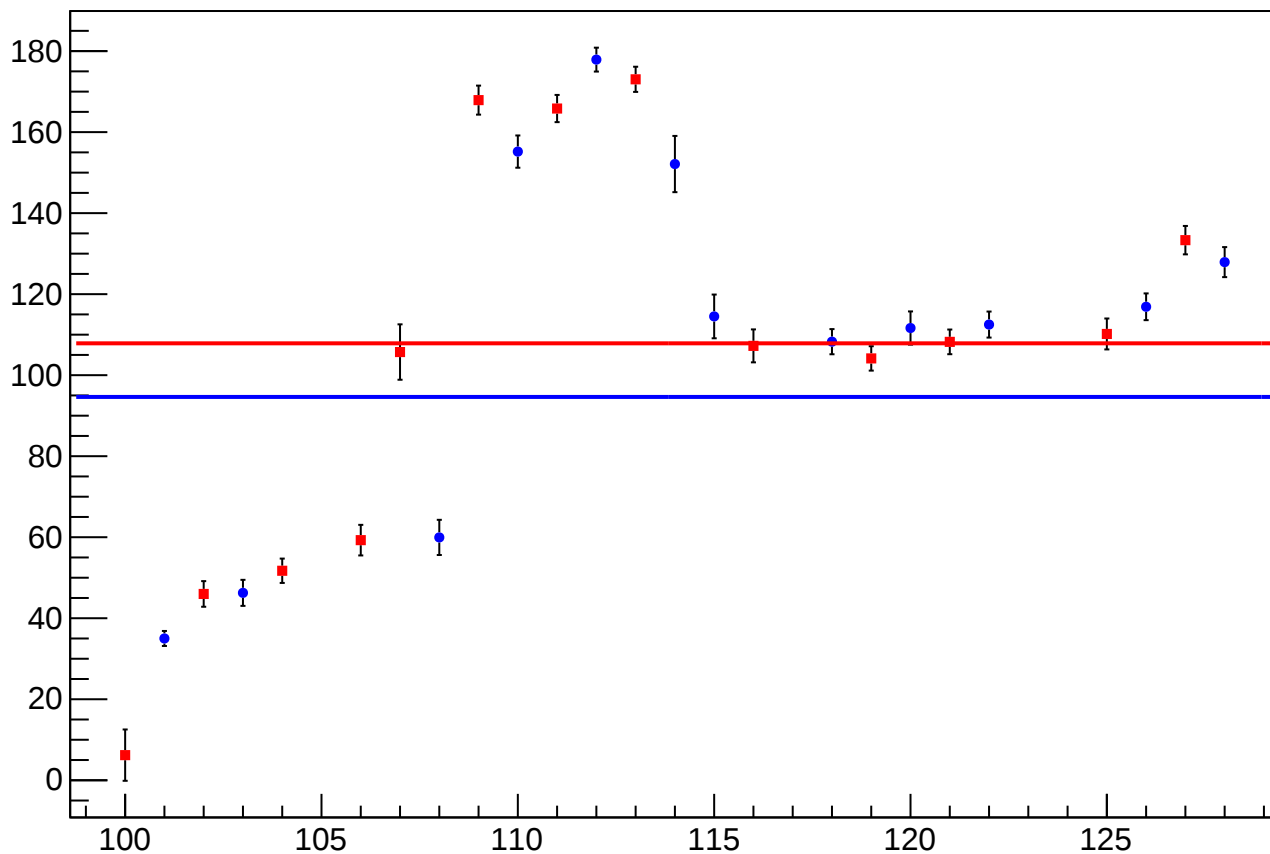
Right: 7.612+/-0.366 χ^2/NDF : 621.3/24

In: 6.670+/-0.490 χ^2/NDF : 331.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.612+/-0.366 χ^2/NDF : 621.3/24

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 94.630+/-0.954 χ^2/NDF : 2630.7/11

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

Right Out: 107.864+/-0.987 χ^2/NDF : 2228.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

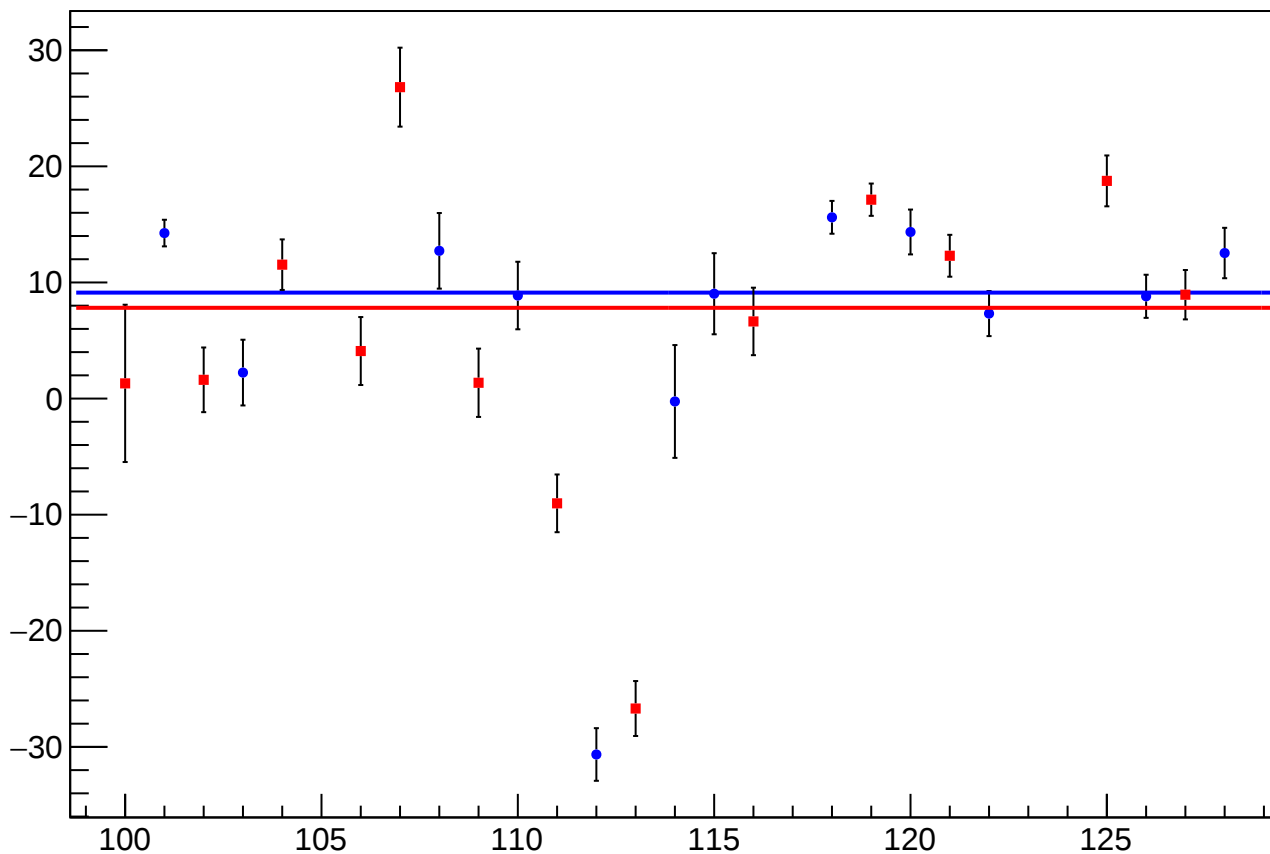
Right: 101.018+/-0.686 χ^2/NDF : 4951.8/24

In: 94.630+/-0.954 χ^2/NDF : 2630.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.018+/-0.686 χ^2/NDF : 4951.8/24

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.125+/-0.582 χ^2/NDF : 370.7/11

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

Right Out: 7.817+/-0.646 χ^2/NDF : 381.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

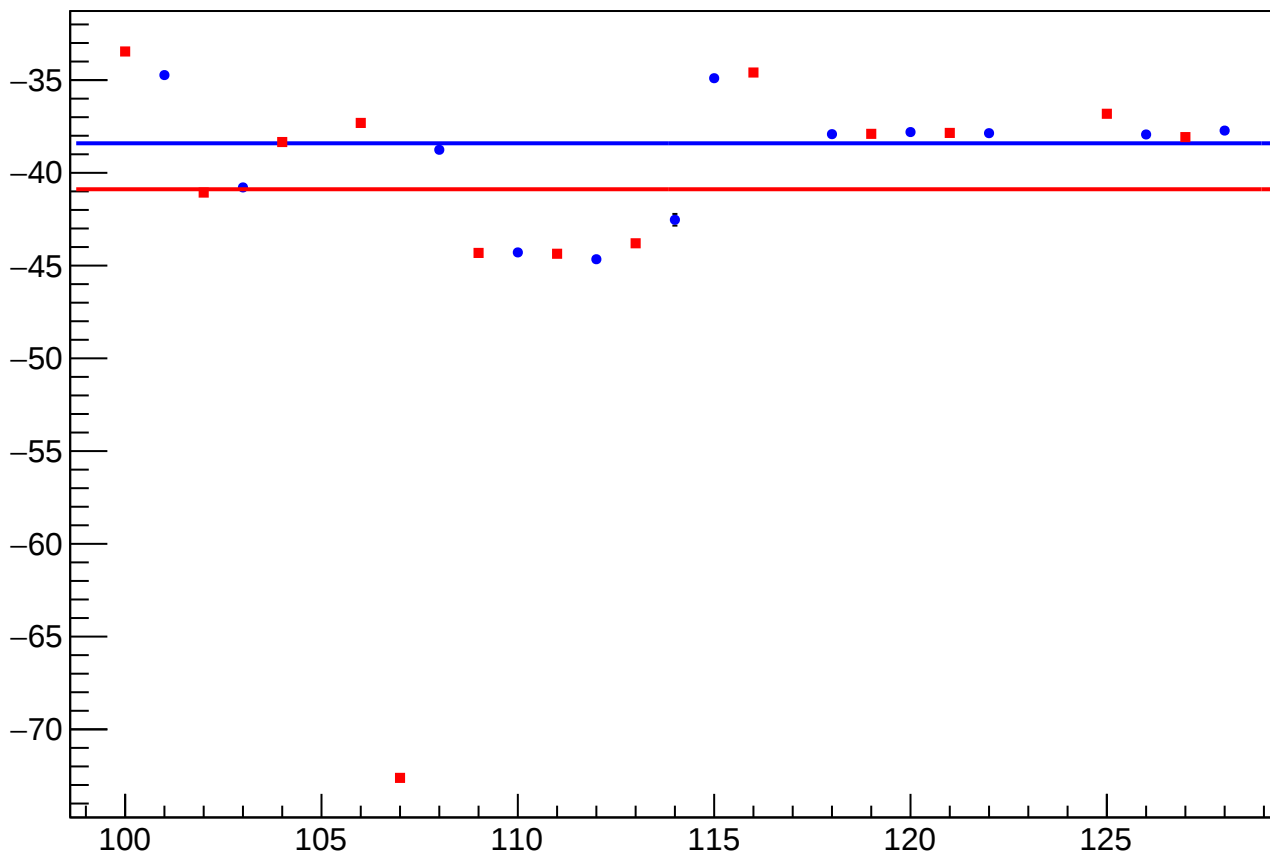
Right: 8.540+/-0.432 χ^2/NDF : 754.4/24

In: 9.125+/-0.582 χ^2/NDF : 370.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.540+/-0.432 χ^2/NDF : 754.4/24

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.407 ± 0.034 χ^2/NDF : 7608.4/11

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

Right Out: -40.885 ± 0.034 χ^2/NDF : 49077.5/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

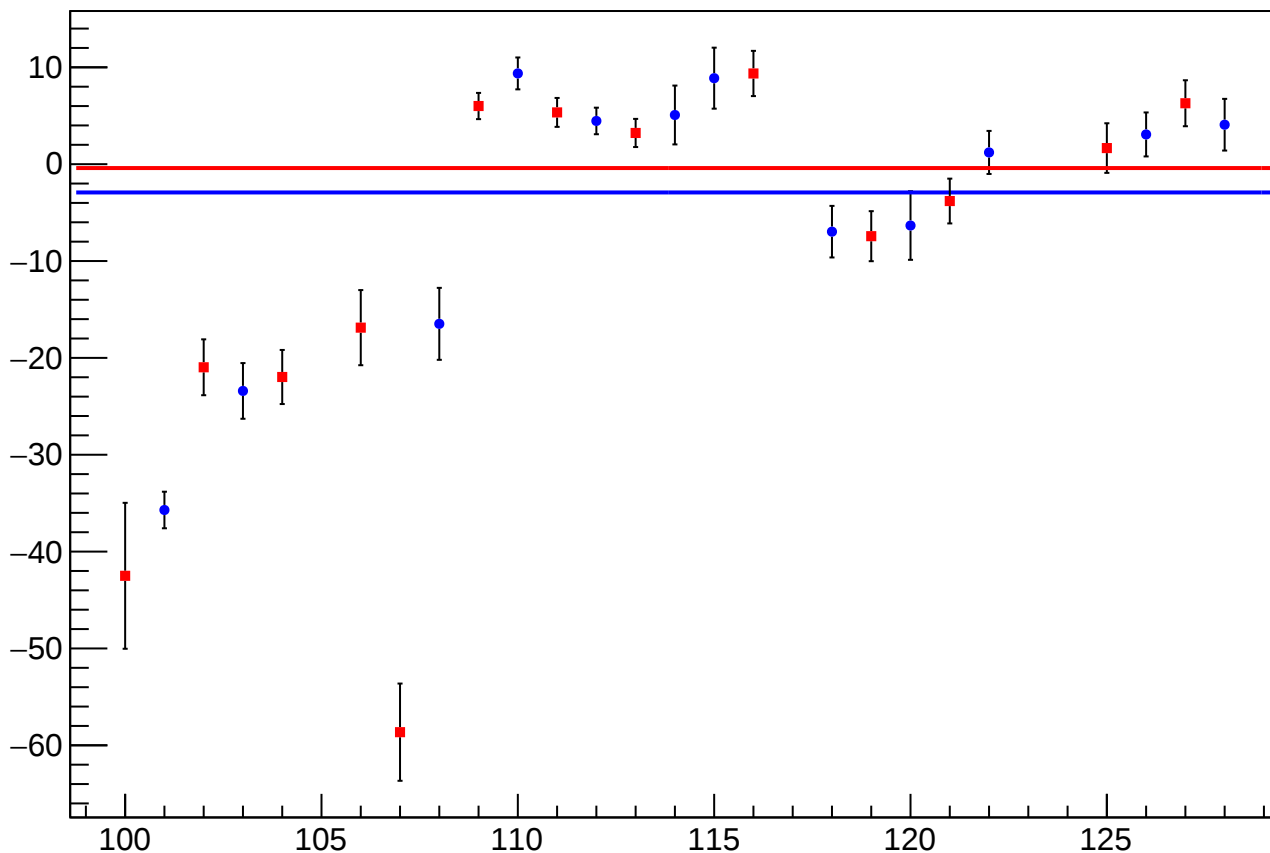
Right: -39.656 ± 0.024 χ^2/NDF : 59357.6/24

In: -38.407 ± 0.034 χ^2/NDF : 7608.4/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.656 ± 0.024 χ^2/NDF : 59357.6/24

reg_asym_us_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -2.920+/-0.653 χ^2/NDF : 491.8/11

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

Right Out: -0.401+/-0.610 χ^2/NDF : 373.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

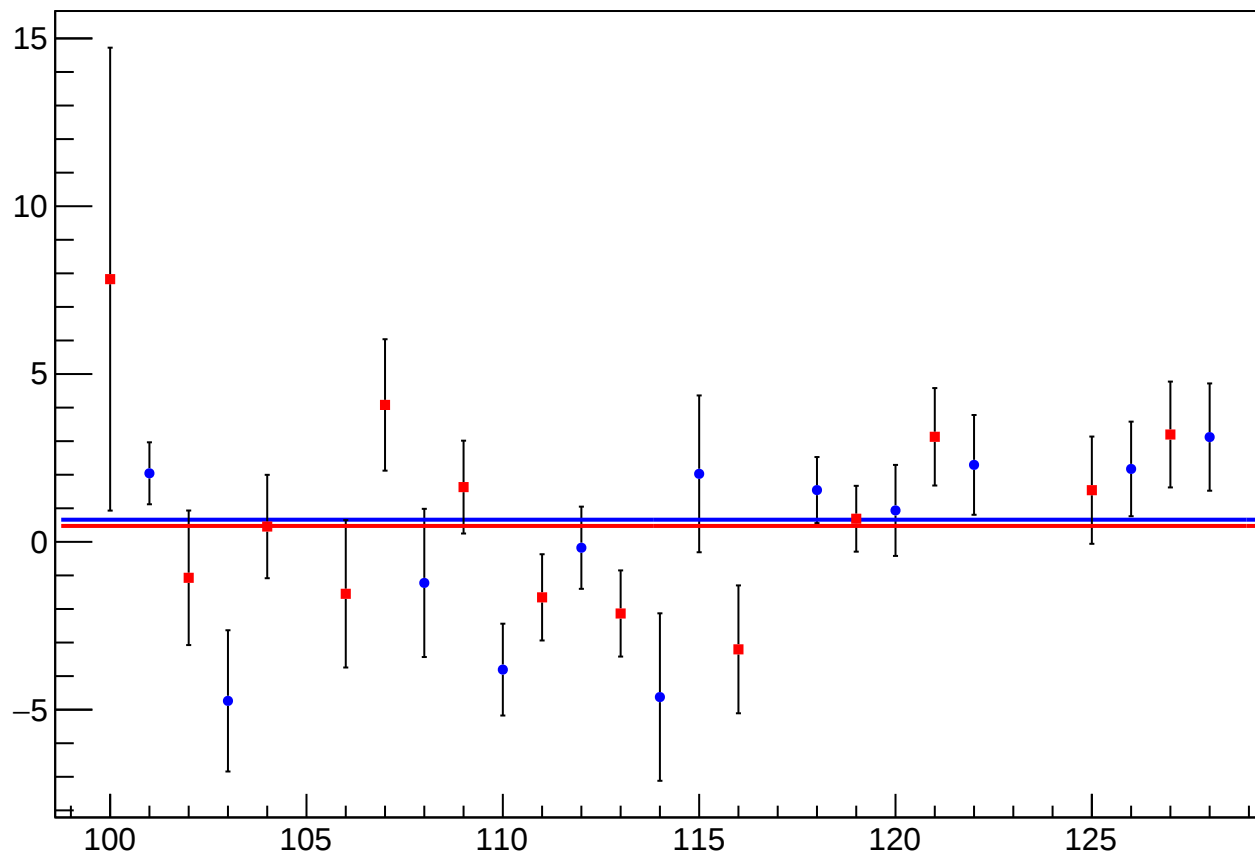
Right: -1.573+/-0.446 χ^2/NDF : 873.2/24

In: -2.920+/-0.653 χ^2/NDF :491.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.573+/-0.446 χ^2/NDF : 873.2/24

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.660+/-0.406 χ^2/NDF : 31.1/11

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

Right Out: 0.474+/-0.427 χ^2/NDF : 24.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

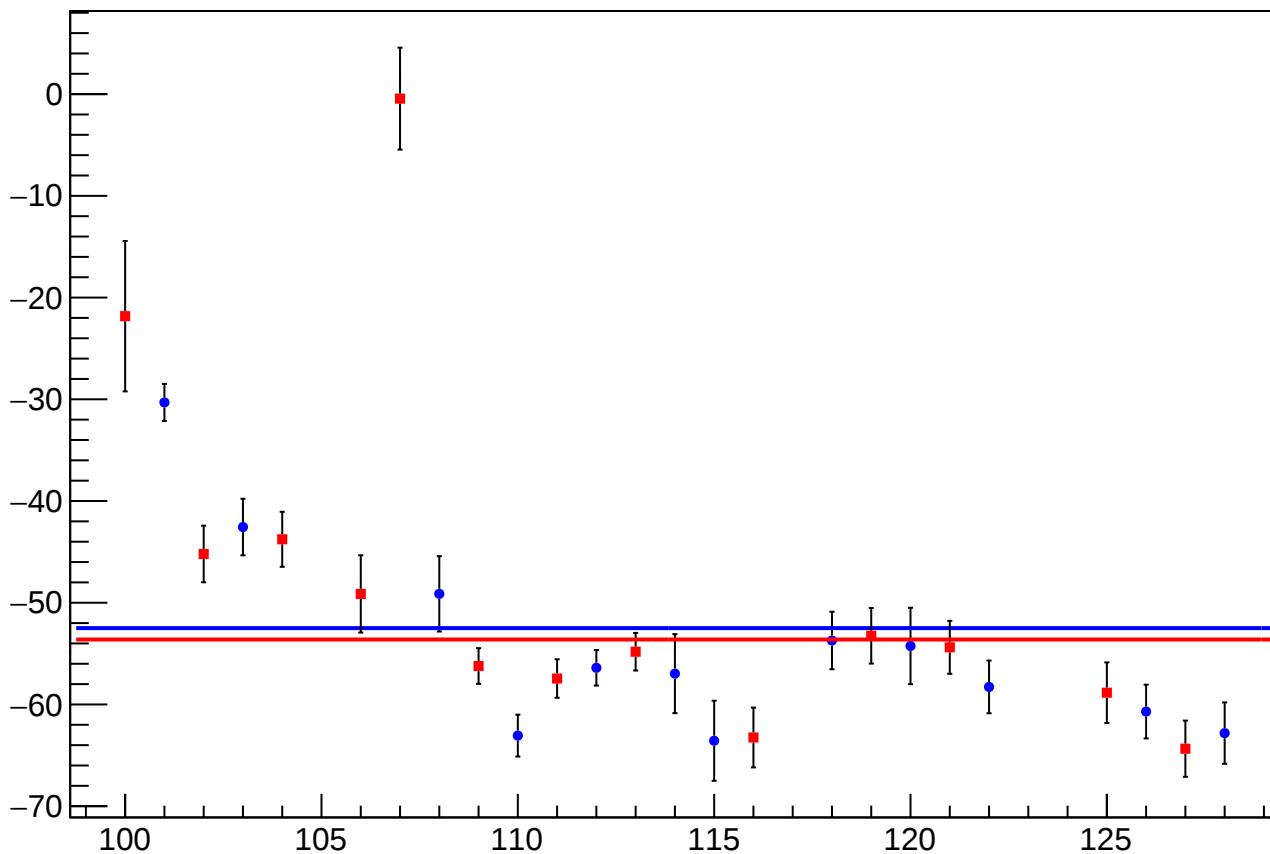
Right: 0.572+/-0.294 χ^2/NDF : 55.3/24

In: 0.660+/-0.406 χ^2/NDF : 31.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.572+/-0.294 χ^2/NDF : 55.3/24

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.494 $\pm$ 0.746 χ^2 /NDF: 229.7/11

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

Right Out: -53.614 $\pm$ 0.720 χ^2 /NDF: 190.6/12

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

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

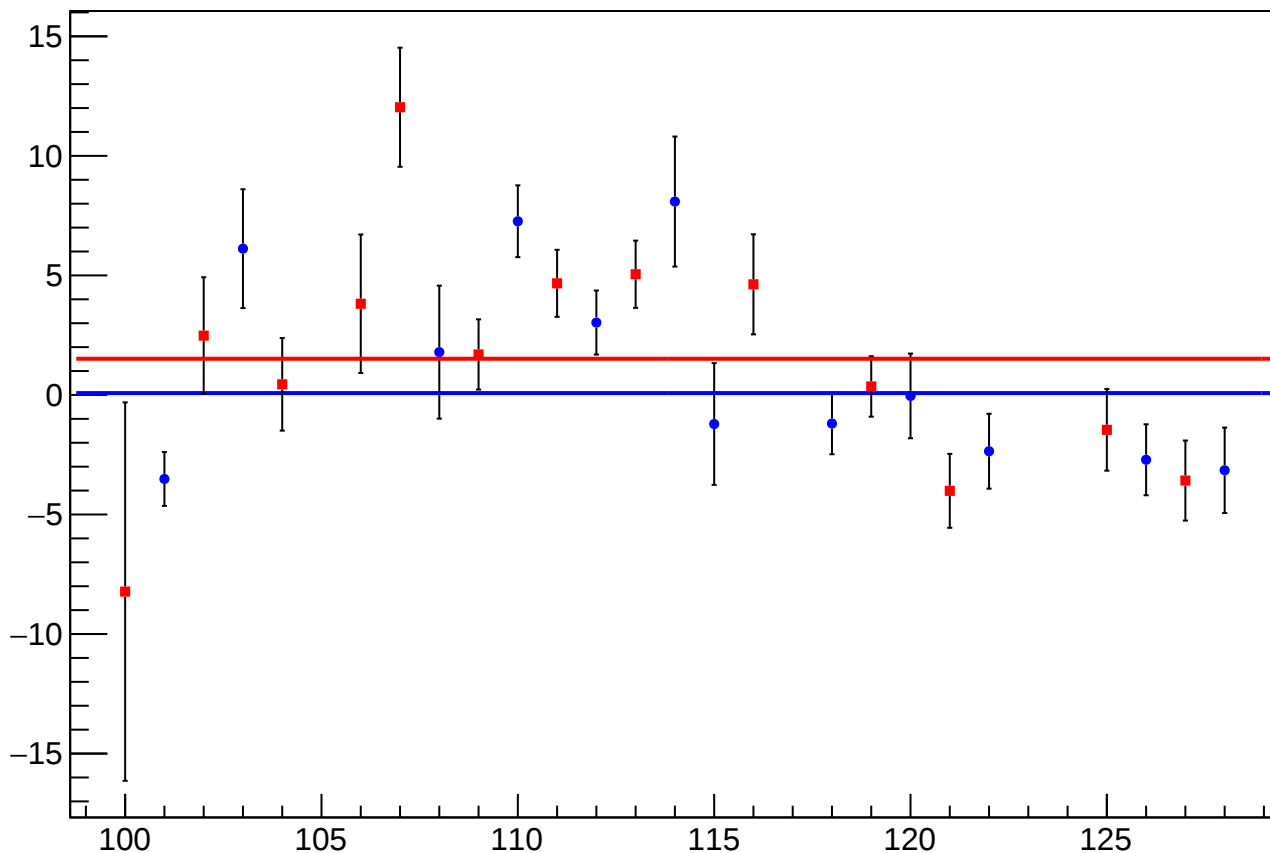
Right: -53.074 $\pm$ 0.518 χ^2 /NDF: 421.5/24

In: -52.494 $\pm$ 0.746 χ^2 /NDF:229.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -53.074 $\pm$ 0.518 χ^2 /NDF: 421.5/24

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.078+/-0.473 χ^2/NDF : 63.4/11

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

Right Out: 1.515+/-0.489 χ^2/NDF : 59.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

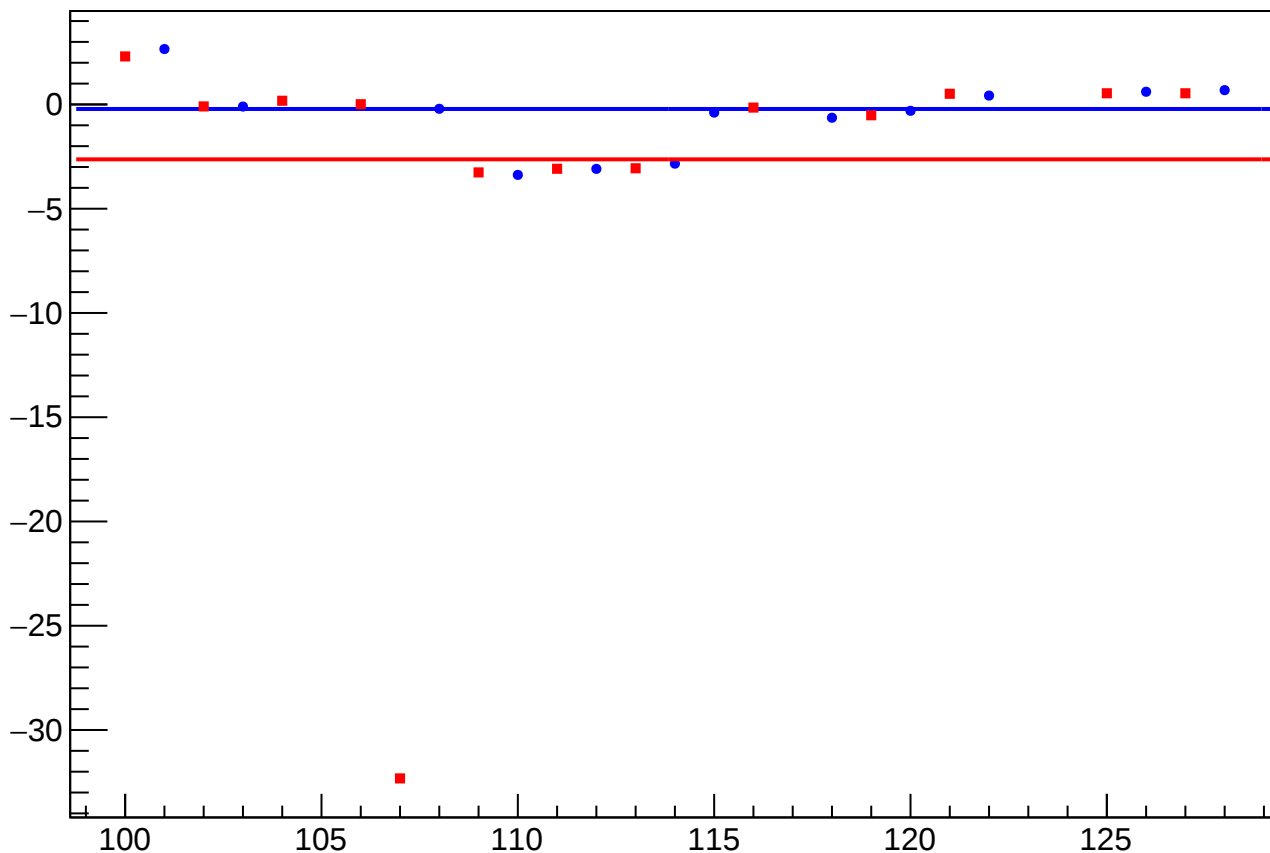
Right: 0.772+/-0.340 χ^2/NDF : 127.8/24

In: 0.078+/-0.473 χ^2/NDF :63.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.772+/-0.340 χ^2/NDF : 127.8/24

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.217 $\pm$ 0.028 χ^2 /NDF: 4544.8/11

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

Right Out: -2.633 $\pm$ 0.027 χ^2 /NDF: 73666.4/12

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

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

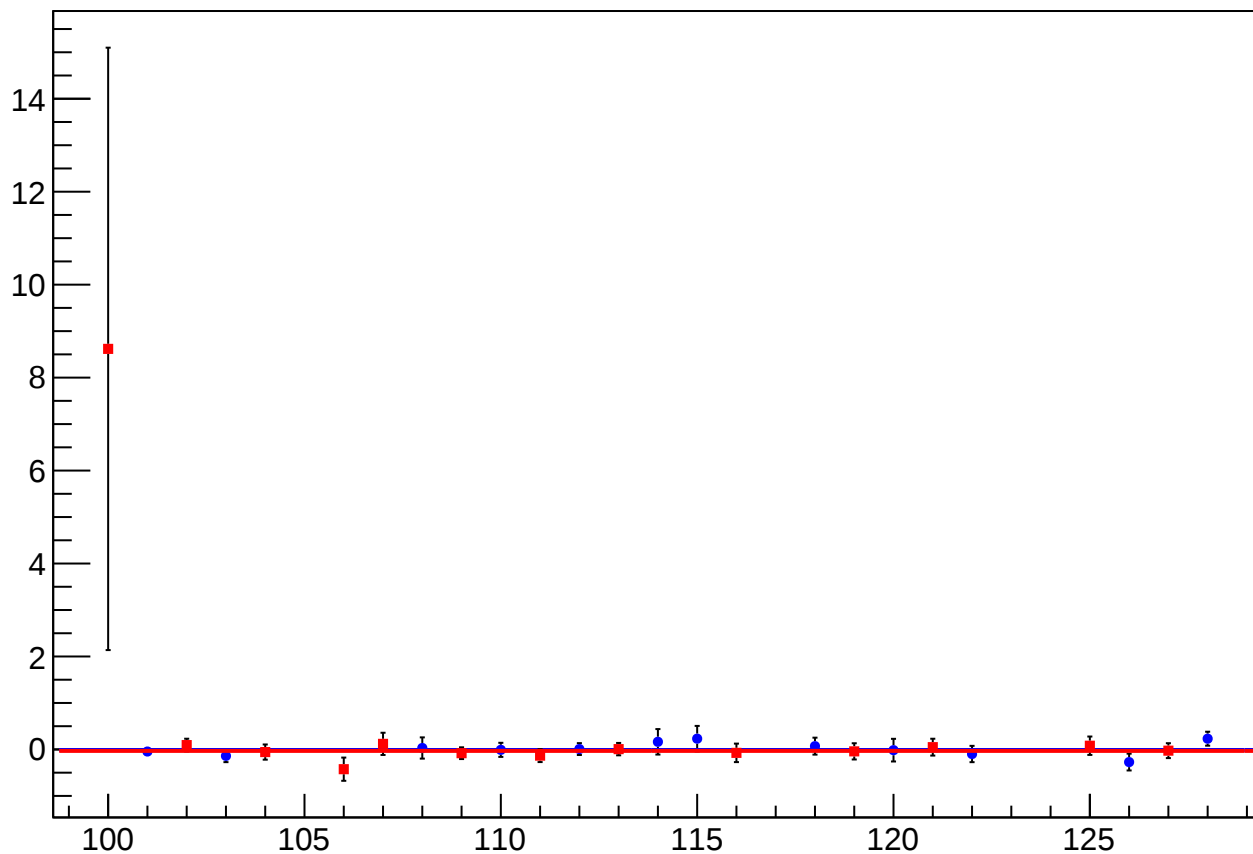
Right: -1.477 $\pm$ 0.019 χ^2 /NDF: 82107.1/24

In: -0.217 $\pm$ 0.028 χ^2 /NDF:4544.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.477 $\pm$ 0.019 χ^2 /NDF: 82107.1/24

reg_asym_ds_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.012+/-0.047 χ^2 /NDF: 7.4/11

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

Right Out: -0.031+/-0.047 χ^2 /NDF: 6.9/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

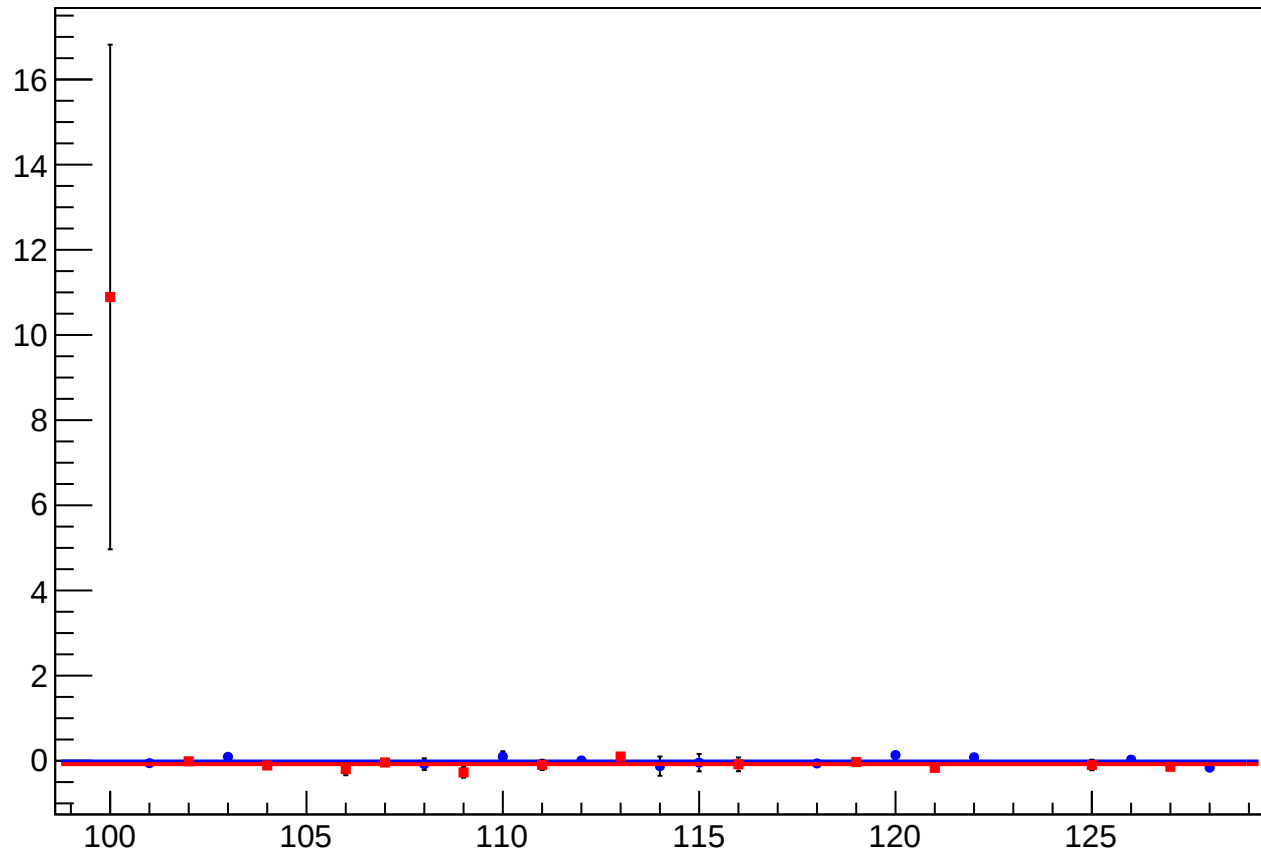
Right: -0.022+/-0.033 χ^2 /NDF: 14.3/24

In: -0.012+/-0.047 χ^2 /NDF:7.4/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.022+/-0.033 χ^2 /NDF: 14.3/24

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.017 $\pm$ 0.027 χ^2 /NDF: 9.4/11

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

Right Out: -0.079 $\pm$ 0.030 χ^2 /NDF: 11.0/12

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

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

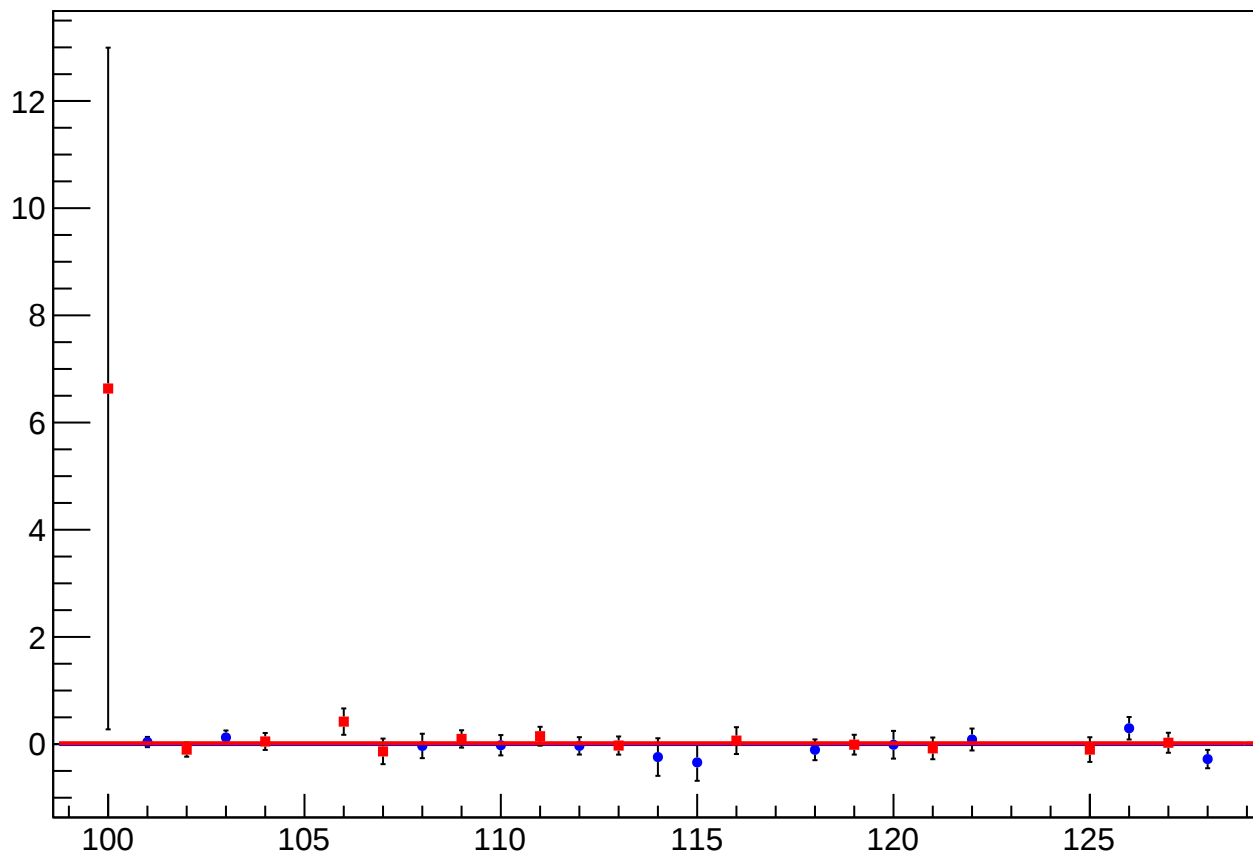
Right: -0.044 $\pm$ 0.020 χ^2 /NDF: 22.8/24

In: -0.017 $\pm$ 0.027 χ^2 /NDF:9.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.044 $\pm$ 0.020 χ^2 /NDF: 22.8/24

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.050 χ^2 /NDF: 7.7/11

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

Right Out: 0.017 $\pm$ 0.053 χ^2 /NDF: 6.4/12

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

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

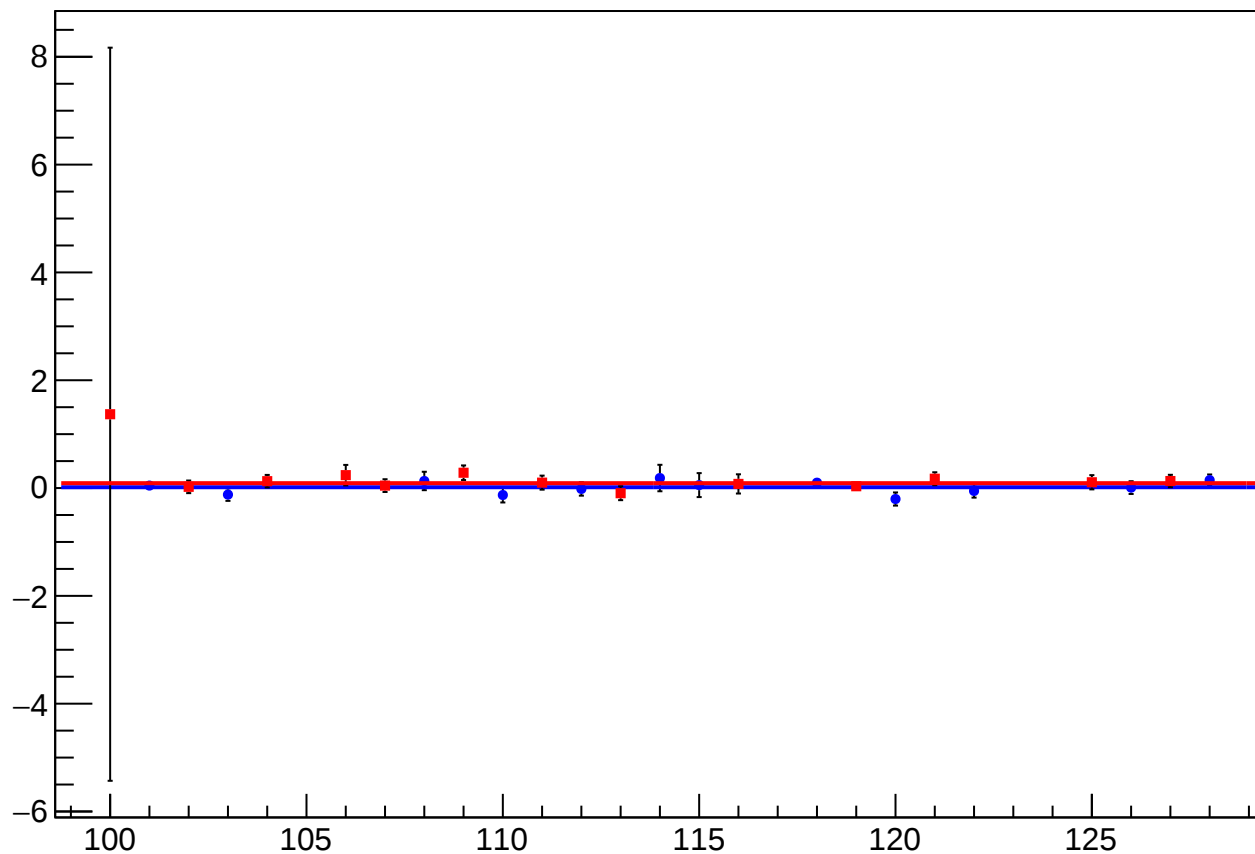
Right: 0.009 $\pm$ 0.037 χ^2 /NDF: 14.2/24

In: 0.002 $\pm$ 0.050 χ^2 /NDF:7.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.037 χ^2 /NDF: 14.2/24

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.015+/-0.032 χ^2/NDF : 9.8/11

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

Right Out: 0.091+/-0.036 χ^2/NDF : 6.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

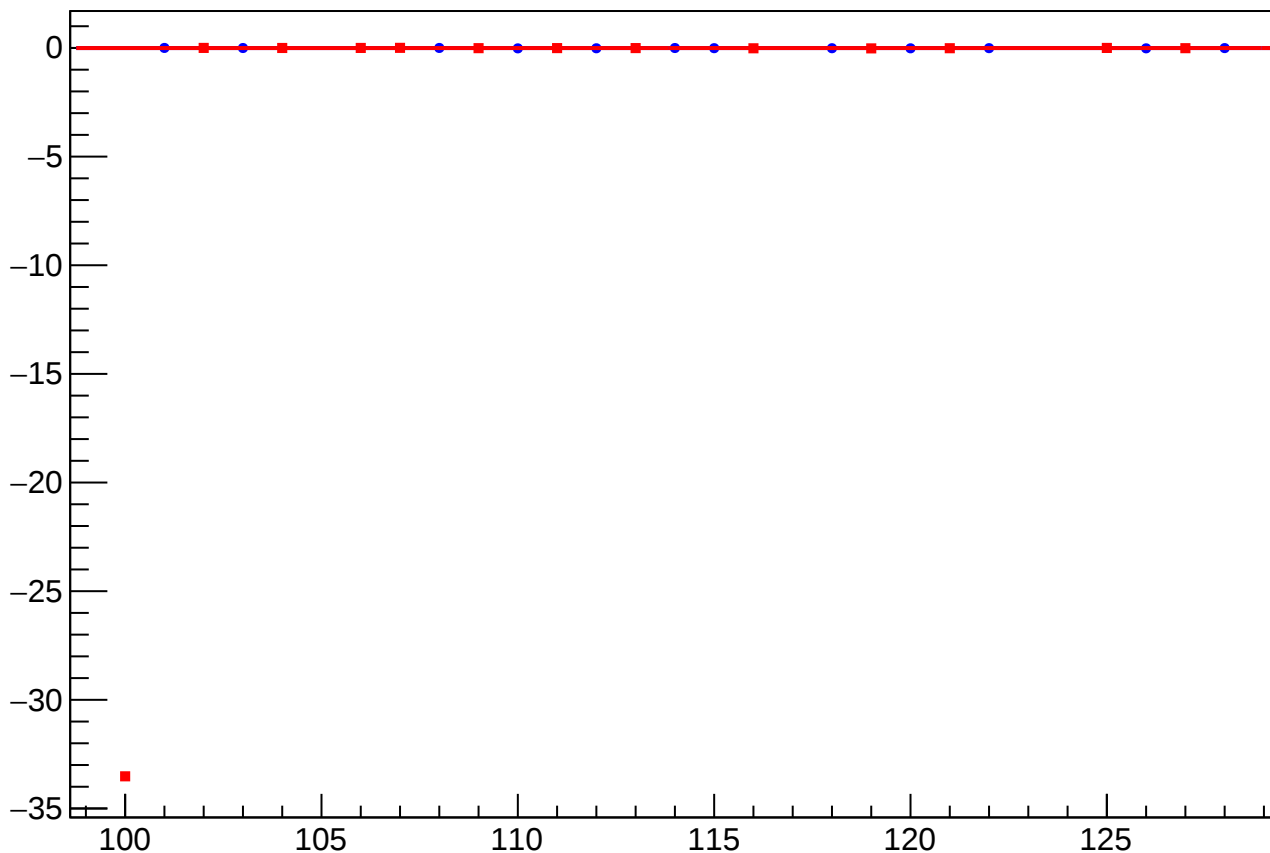
Right: 0.049+/-0.024 χ^2/NDF : 18.7/24

In: 0.015+/-0.032 χ^2/NDF : 9.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.049+/-0.024 χ^2/NDF : 18.7/24

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.002 χ^2 /NDF: 12.4/11

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

Right Out: -0.004 $\pm$ 0.002 χ^2 /NDF: 26501.9/12

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

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

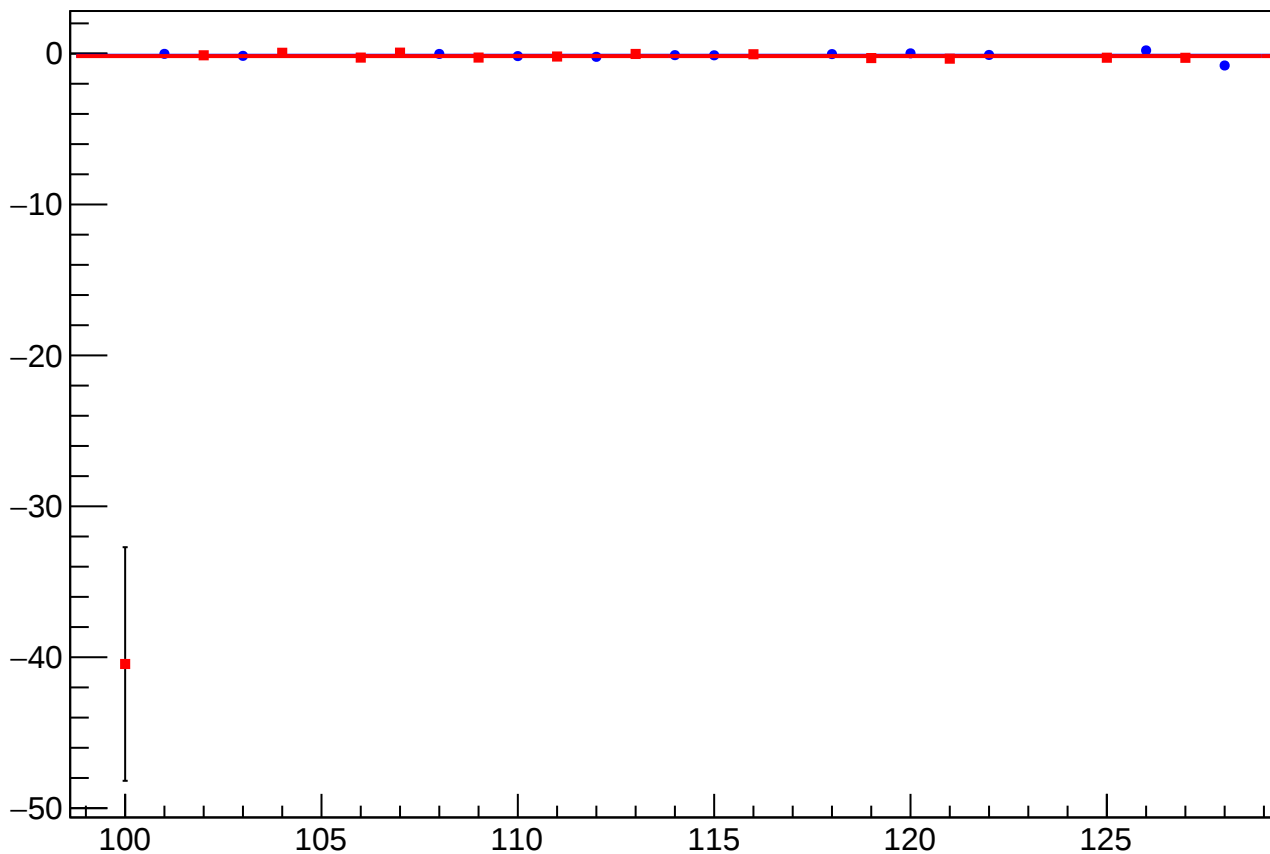
Right: -0.004 $\pm$ 0.001 χ^2 /NDF: 26514.4/24

In: -0.004 $\pm$ 0.002 χ^2 /NDF:12.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.001 χ^2 /NDF: 26514.4/24

reg_asym_ds_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.144 ± 0.046 $\chi^2/\text{NDF}: 25.4/11$

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

Right Out: -0.169 ± 0.047 $\chi^2/\text{NDF}: 34.5/12$

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

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

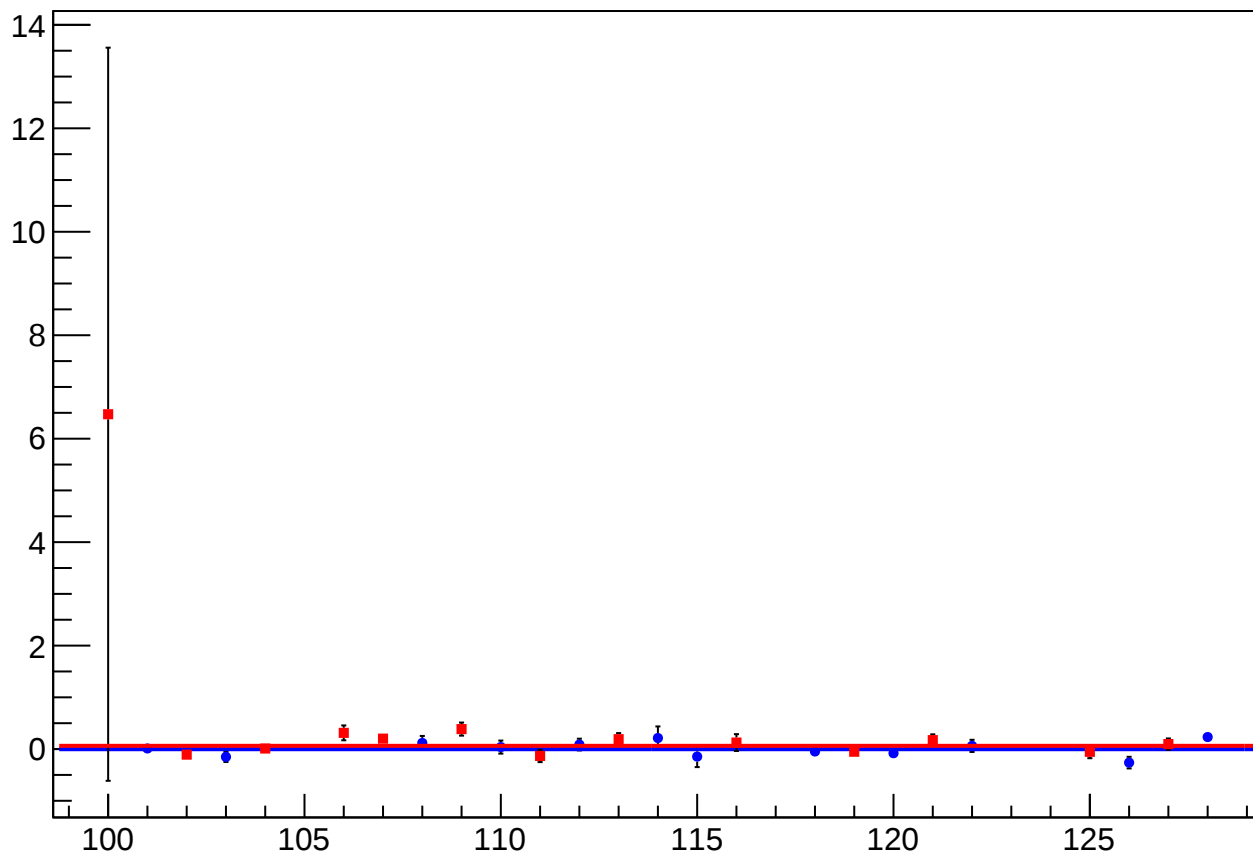
Right: -0.156 ± 0.033 $\chi^2/\text{NDF}: 60.1/24$

In: -0.144 ± 0.046 $\chi^2/\text{NDF}: 25.4/11$

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

All: -0.156 ± 0.033 $\chi^2/\text{NDF}: 60.1/24$

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.003 $\pm$ 0.027 χ^2 /NDF: 18.2/11

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

Right Out: 0.063 $\pm$ 0.030 χ^2 /NDF: 25.0/12

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

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

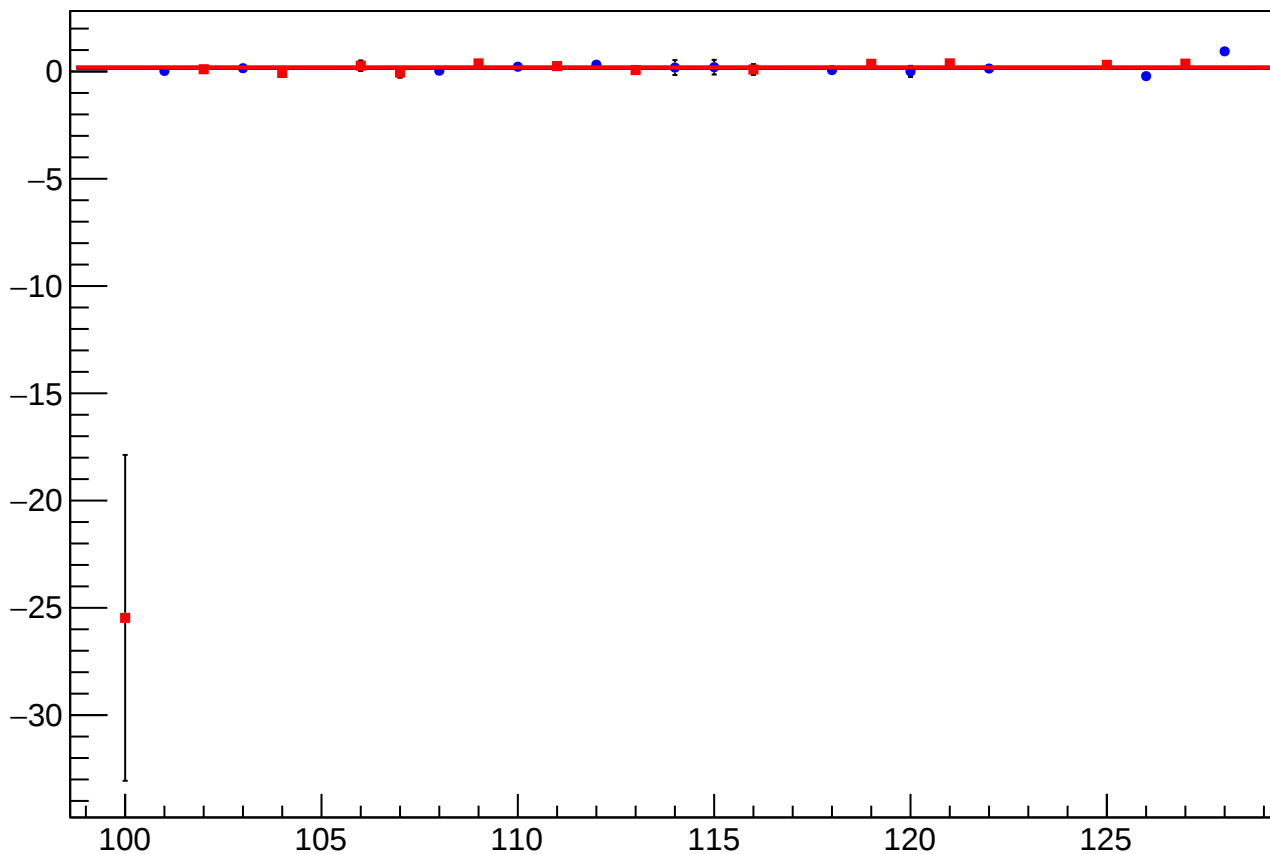
Right: 0.026 $\pm$ 0.020 χ^2 /NDF: 45.9/24

In: -0.003 $\pm$ 0.027 χ^2 /NDF:18.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.026 $\pm$ 0.020 χ^2 /NDF: 45.9/24

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.169+/-0.050 χ^2/NDF : 27.8/11

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

Right Out: 0.195+/-0.053 χ^2/NDF : 20.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

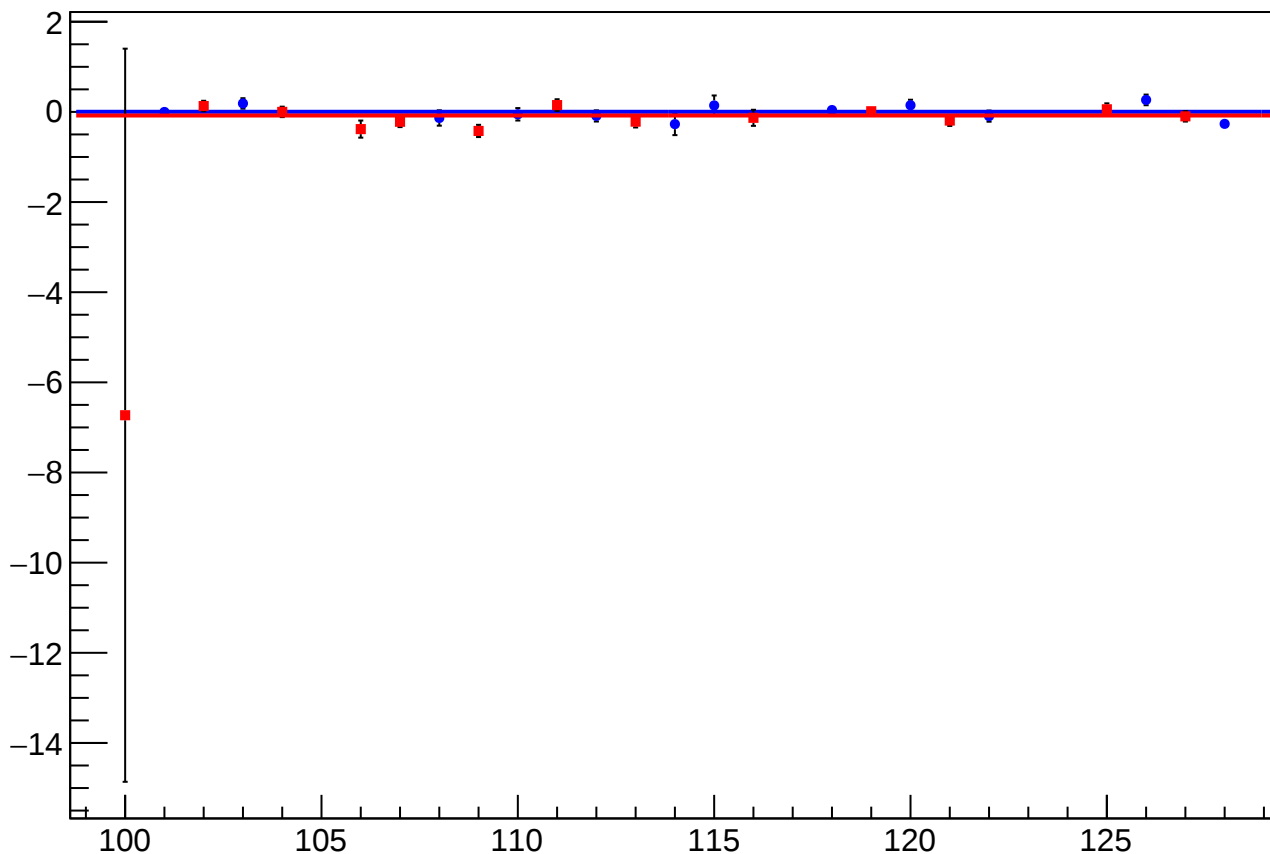
Right: 0.181+/-0.037 χ^2/NDF : 48.5/24

In: 0.169+/-0.050 χ^2/NDF : 27.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.181+/-0.037 χ^2/NDF : 48.5/24

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.032 χ^2 /NDF: 19.3/11

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

Right Out: -0.080 $\pm$ 0.036 χ^2 /NDF: 22.2/12

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

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

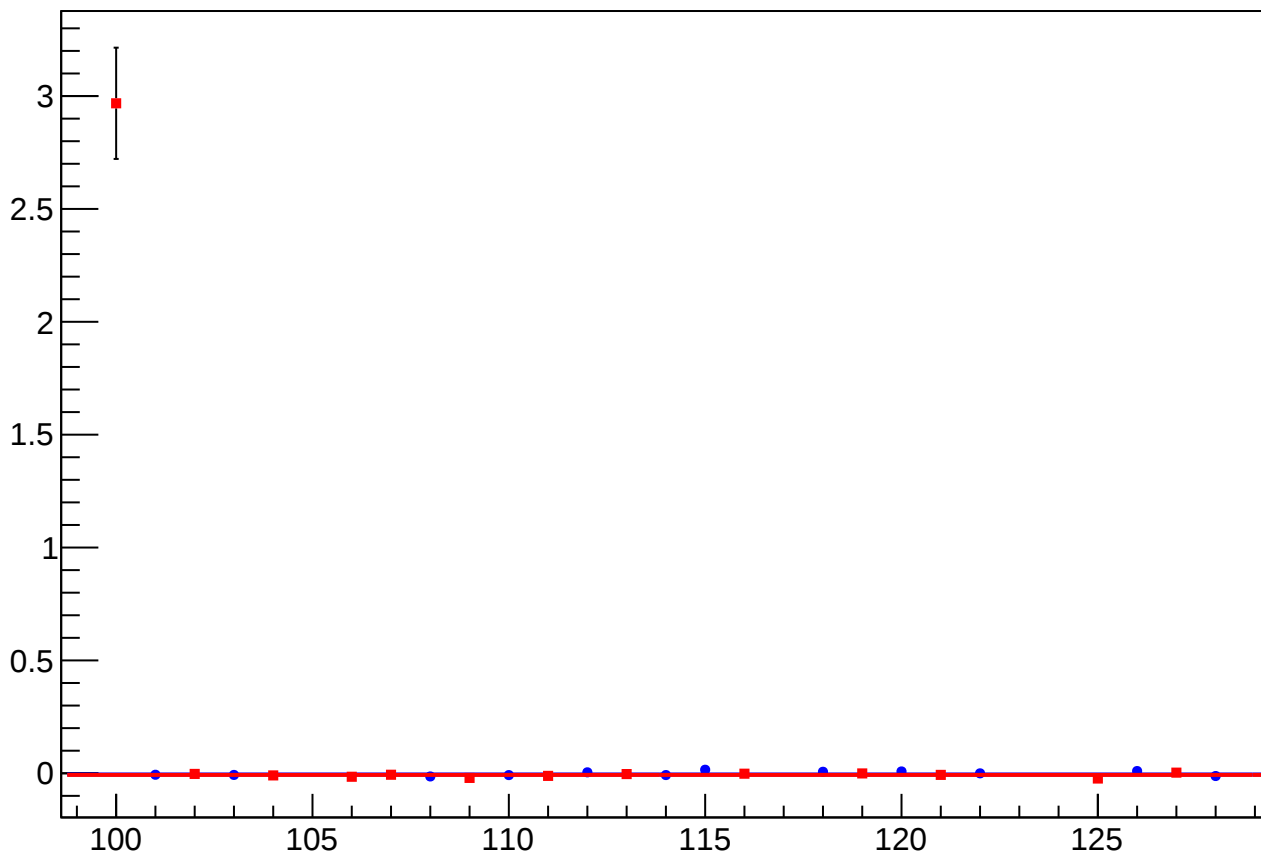
Right: -0.034 $\pm$ 0.024 χ^2 /NDF: 44.5/24

In: 0.003 $\pm$ 0.032 χ^2 /NDF:19.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.034 $\pm$ 0.024 χ^2 /NDF: 44.5/24

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005+/-0.002 χ^2/NDF : 15.0/11

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

Right Out: -0.007+/-0.002 χ^2/NDF : 159.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

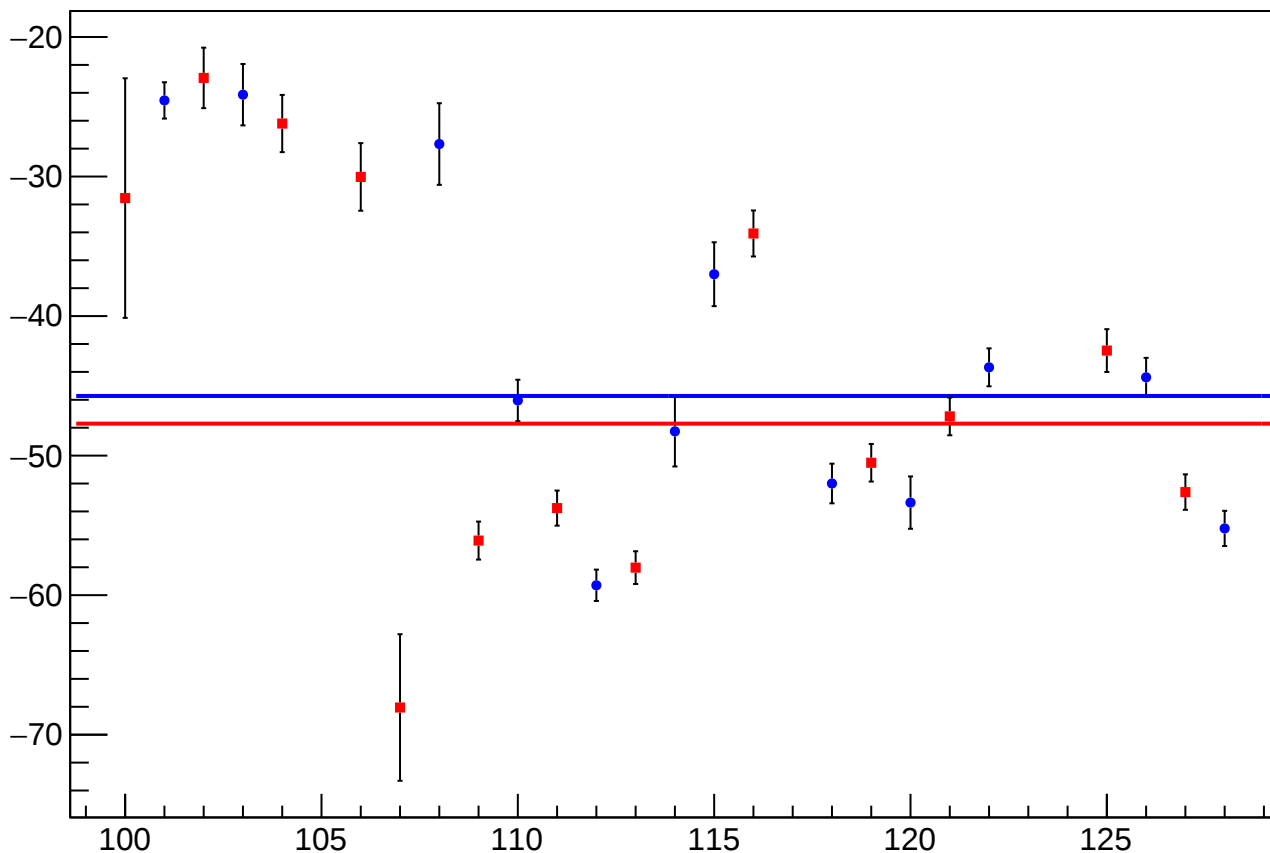
Right: -0.006+/-0.001 χ^2/NDF : 174.6/24

In: -0.005+/-0.002 χ^2/NDF : 15.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.001 χ^2/NDF : 174.6/24

reg_asym_left_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -45.724 ± 0.448 χ^2/NDF : 656.5/11

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

Right Out: -47.709 ± 0.444 χ^2/NDF : 550.2/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

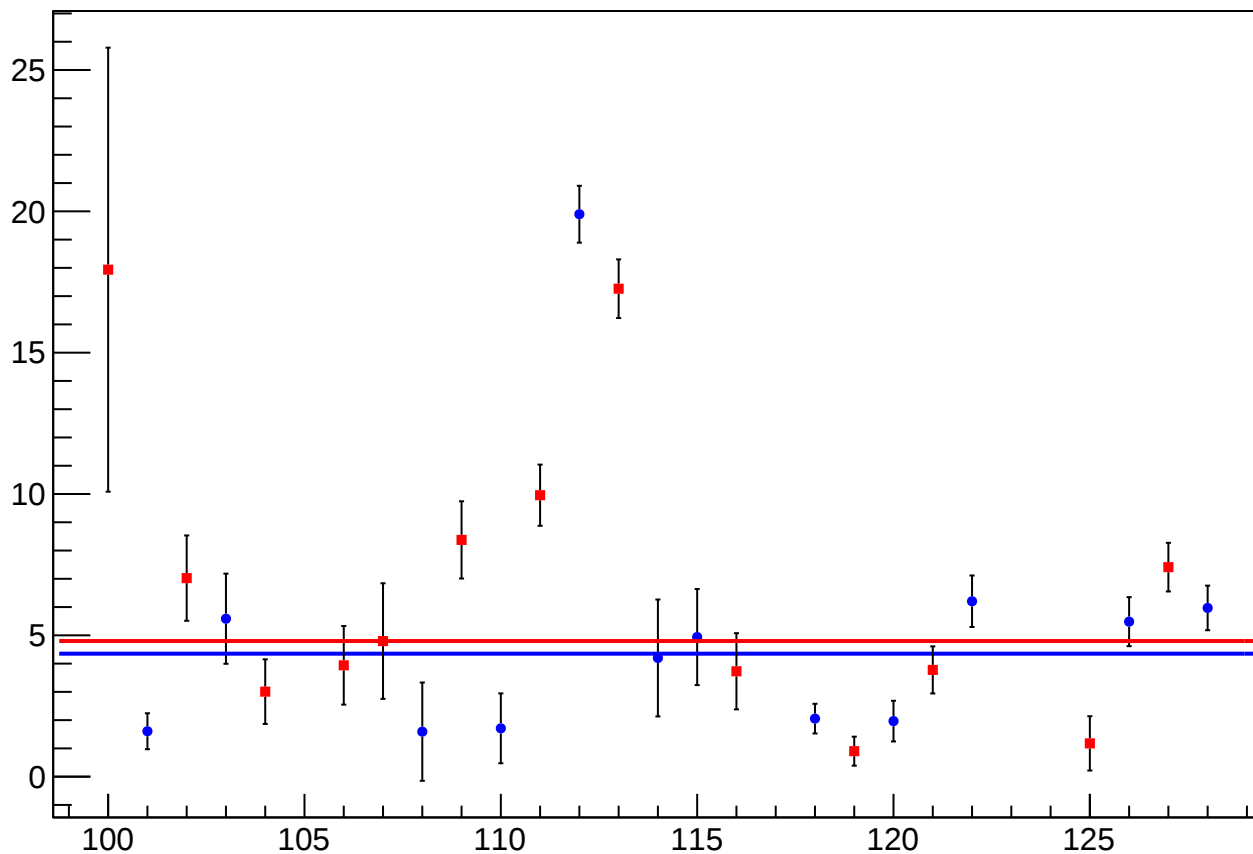
Right: -46.727 ± 0.315 χ^2/NDF : 1216.6/24

In: -45.724 ± 0.448 χ^2/NDF : 656.5/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -46.727 ± 0.315 χ^2/NDF : 1216.6/24

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.351+/-0.257 χ^2/NDF : 305.6/11

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

Right Out: 4.799+/-0.283 χ^2/NDF : 265.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

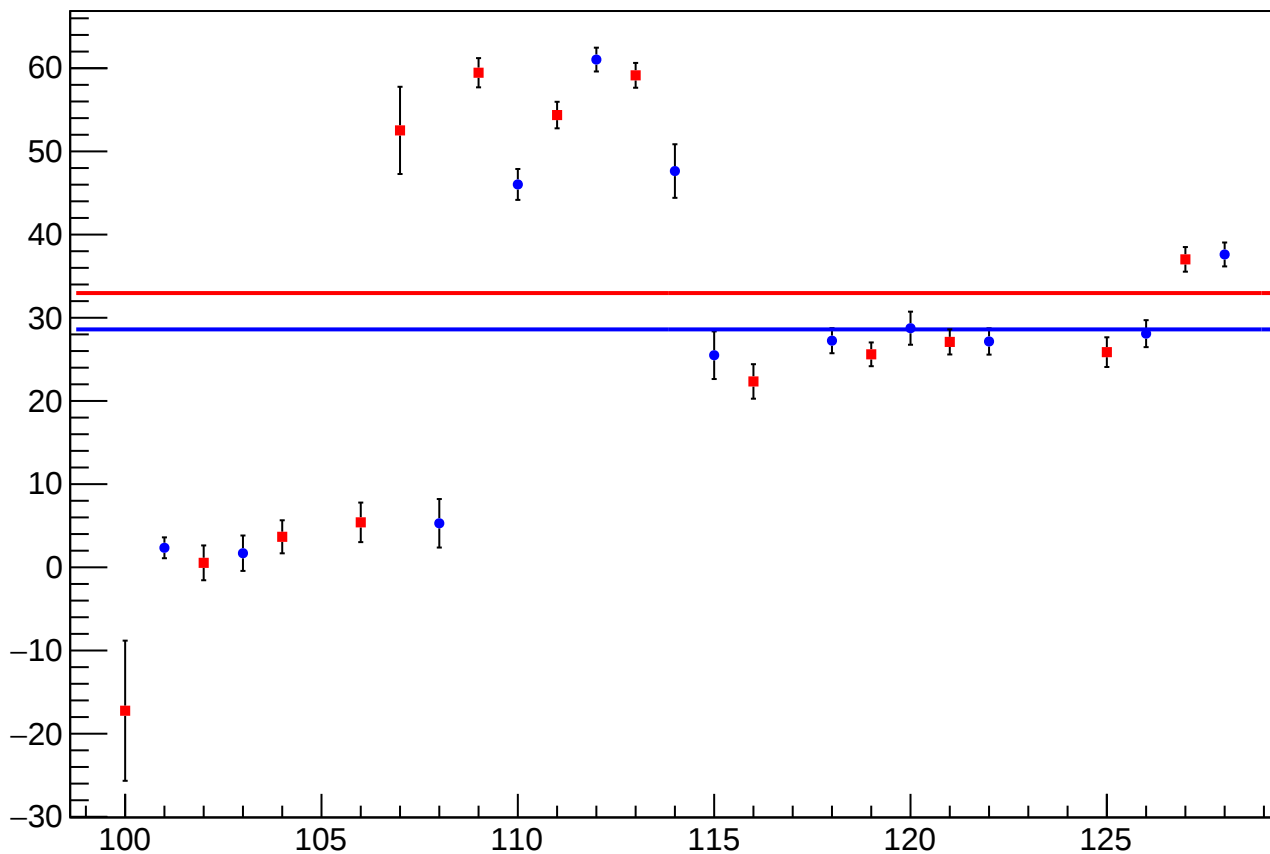
Right: 4.554+/-0.190 χ^2/NDF : 572.0/24

In: 4.351+/-0.257 χ^2/NDF : 305.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.554+/-0.190 χ^2/NDF : 572.0/24

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 28.602 $\pm$ 0.505 χ^2 /NDF: 1341.0/11

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

Right Out: 32.970 $\pm$ 0.513 χ^2 /NDF: 1448.3/12

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

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

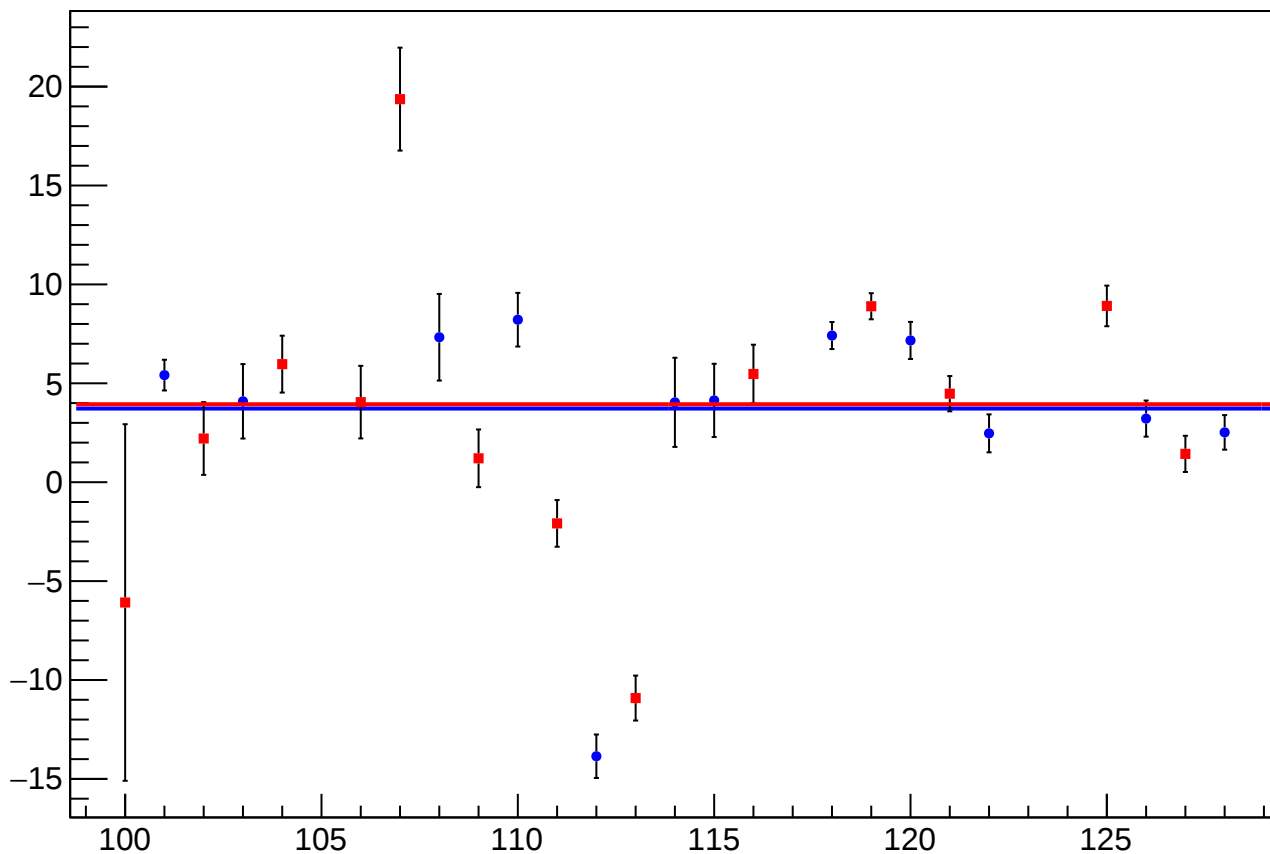
Right: 30.752 $\pm$ 0.360 χ^2 /NDF: 2826.1/24

In: 28.602 $\pm$ 0.505 χ^2 /NDF:1341.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 30.752 $\pm$ 0.360 χ^2 /NDF: 2826.1/24

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.724+/-0.303 χ^2/NDF : 320.8/11

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

Right Out: 3.942+/-0.327 χ^2/NDF : 328.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

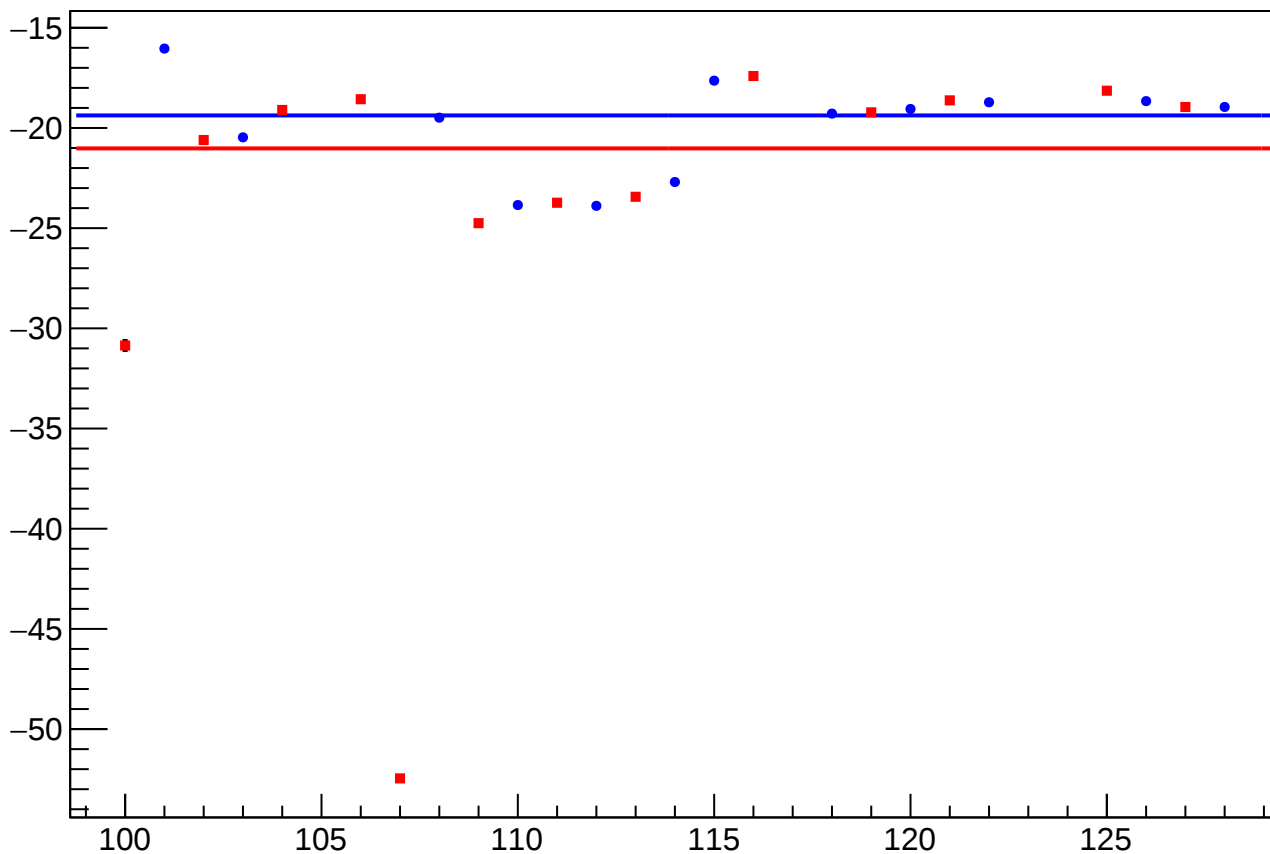
Right: 3.824+/-0.222 χ^2/NDF : 649.6/24

In: 3.724+/-0.303 χ^2/NDF : 320.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.824+/-0.222 χ^2/NDF : 649.6/24

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.374+/-0.019 χ^2/NDF : 13998.6/11

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

Right Out: -21.020+/-0.019 χ^2/NDF : 83372.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

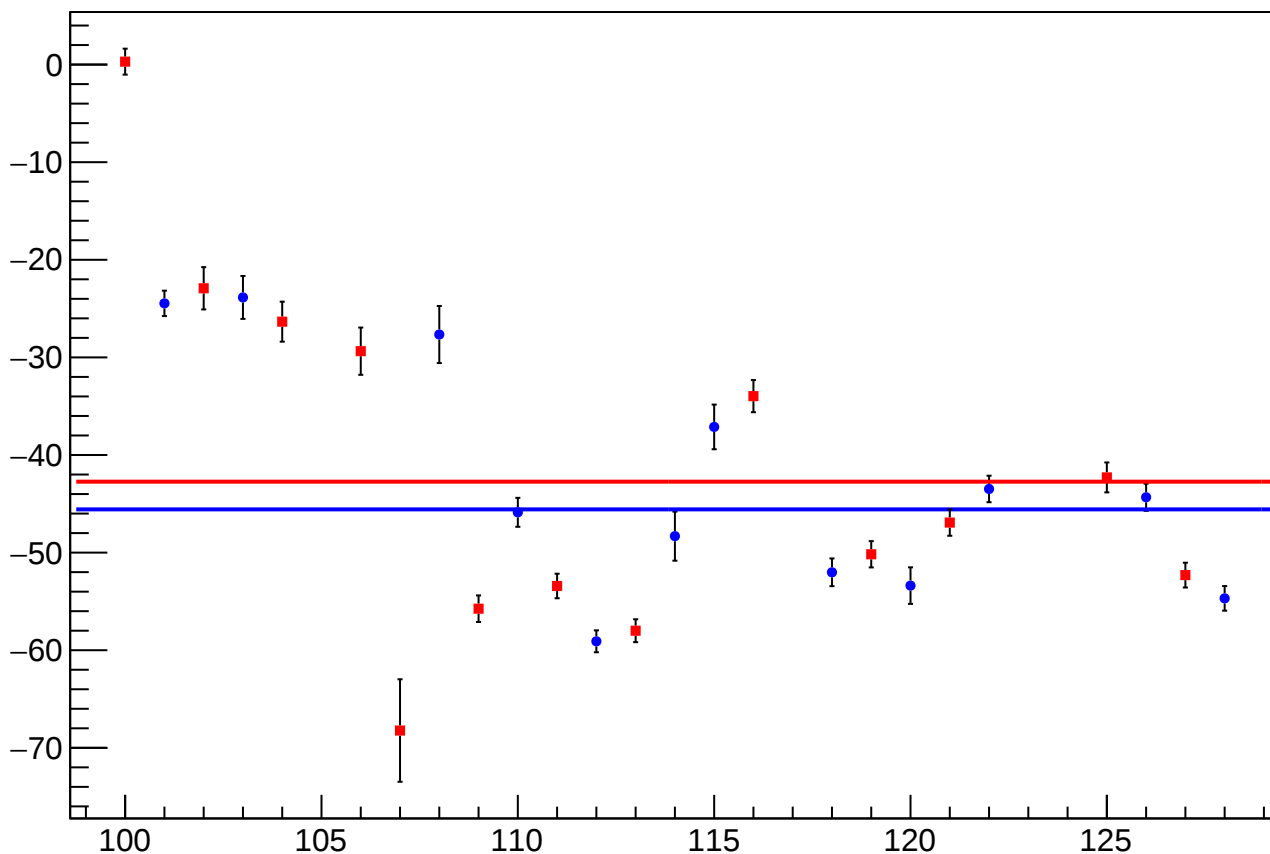
Right: -20.200+/-0.014 χ^2/NDF : 101033.0/24

In: -19.374+/-0.019 χ^2/NDF :13998.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -20.200+/-0.014 χ^2/NDF : 101033.0/24

reg_asym_left_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -45.570+/-0.448 χ^2/NDF : 651.5/11

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

Right Out: -42.731+/-0.421 χ^2/NDF : 1707.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

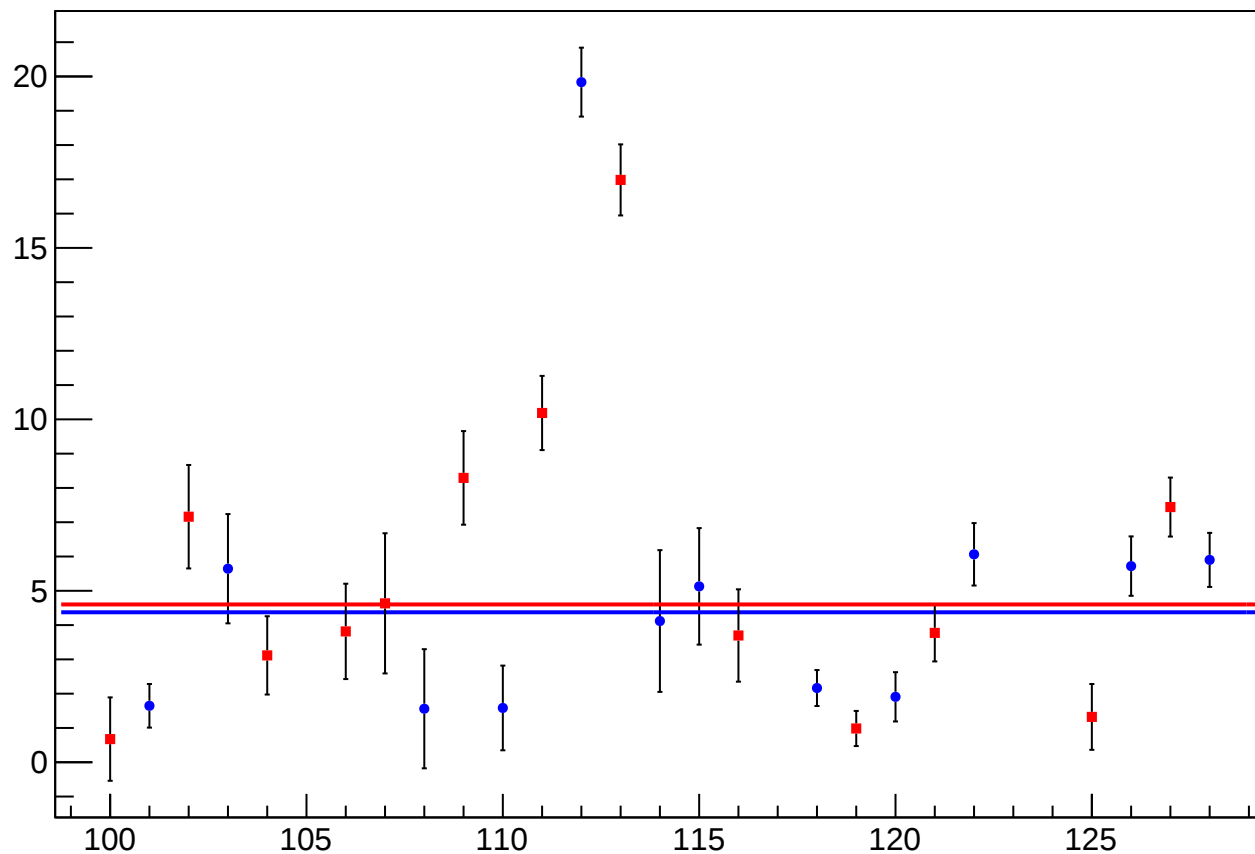
Right: -44.063+/-0.307 χ^2/NDF : 2379.8/24

In: -45.570+/-0.448 χ^2/NDF : 651.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.063+/-0.307 χ^2/NDF : 2379.8/24

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.374 $\pm$ 0.257 χ^2 /NDF: 302.7/11

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

Right Out: 4.602 $\pm$ 0.275 χ^2 /NDF: 265.8/12

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

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

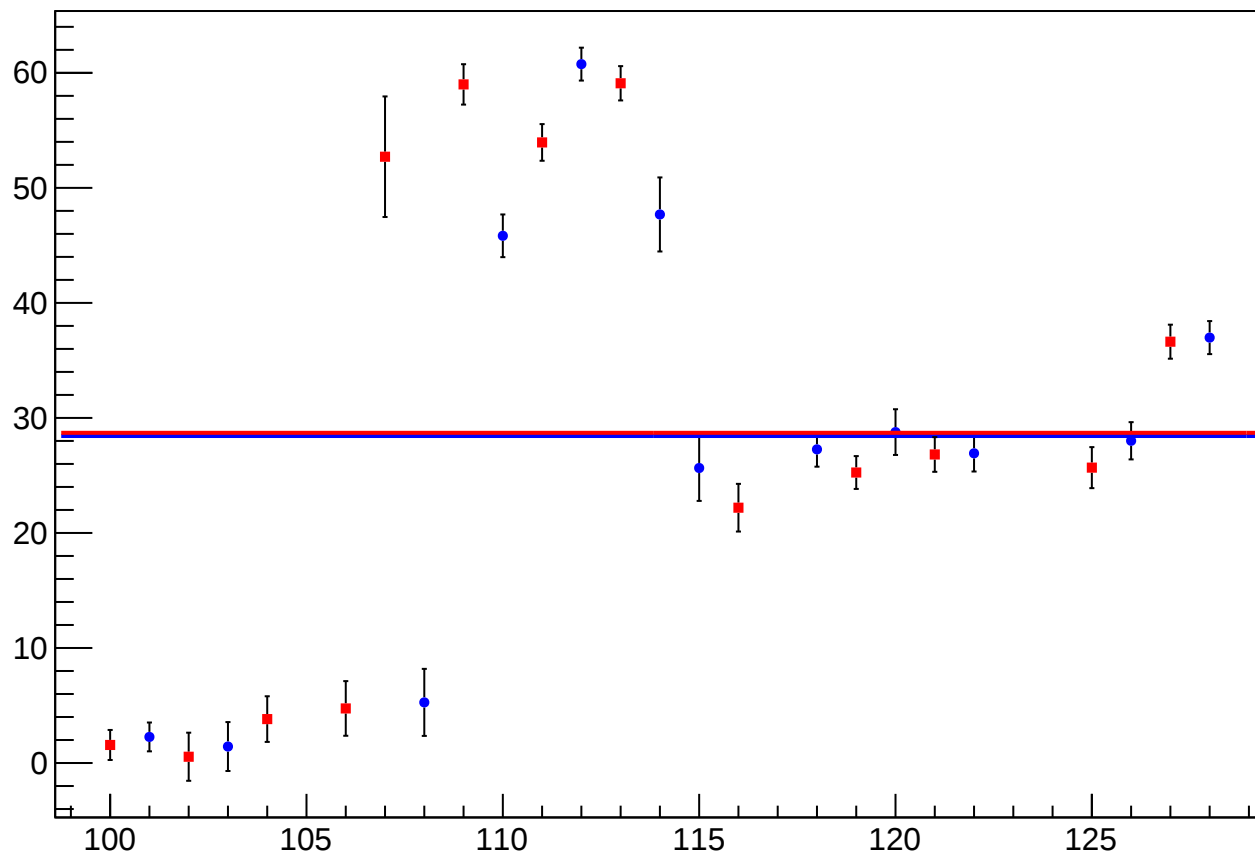
Right: 4.480 $\pm$ 0.188 χ^2 /NDF: 568.9/24

In: 4.374 $\pm$ 0.257 χ^2 /NDF:302.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.480 $\pm$ 0.188 χ^2 /NDF: 568.9/24

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 28.428+/-0.504 χ^2/NDF : 1332.7/11

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

Right Out: 28.706+/-0.478 χ^2/NDF : 1906.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

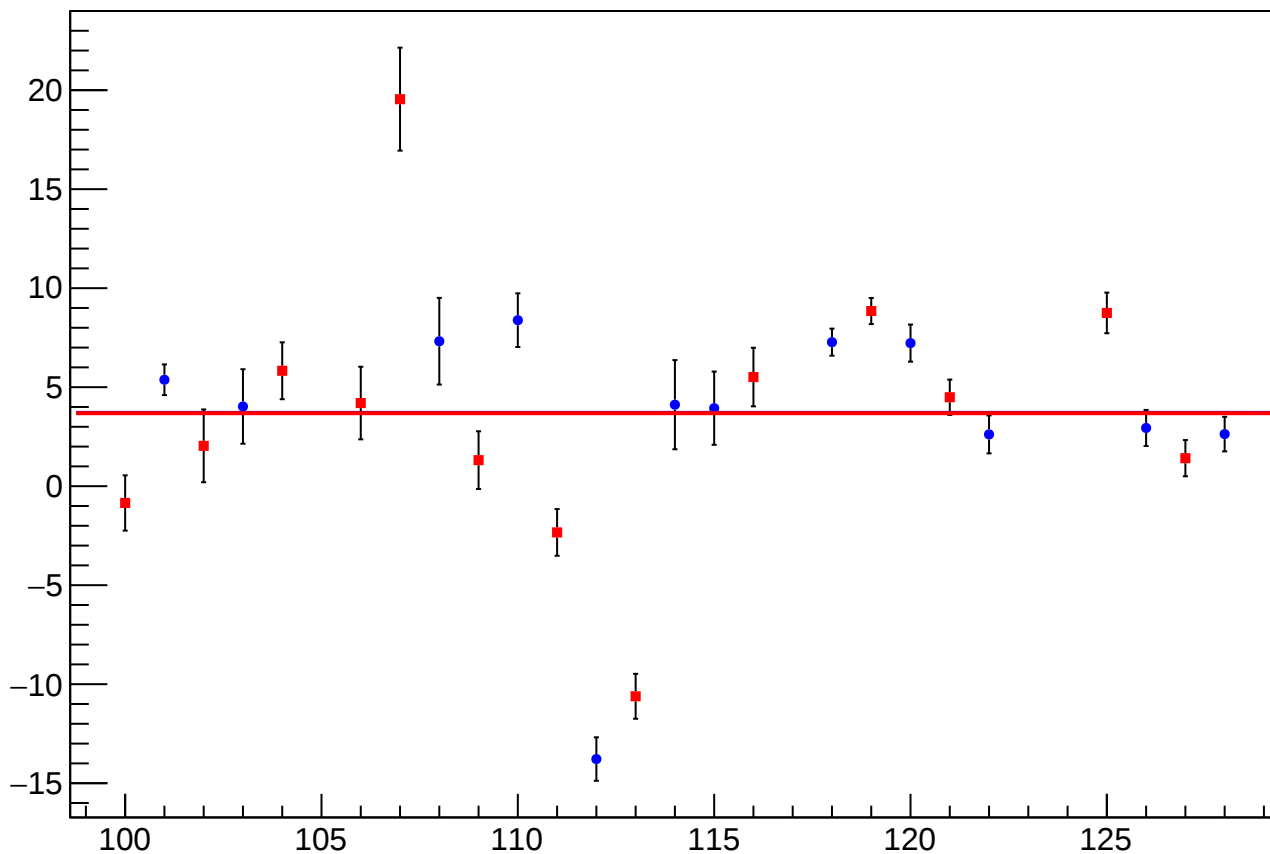
Right: 28.575+/-0.347 χ^2/NDF : 3239.4/24

In: 28.428+/-0.504 χ^2/NDF : 1332.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.575+/-0.347 χ^2/NDF : 3239.4/24

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.702+/-0.303 χ^2/NDF : 317.7/11

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

Right Out: 3.686+/-0.318 χ^2/NDF : 332.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

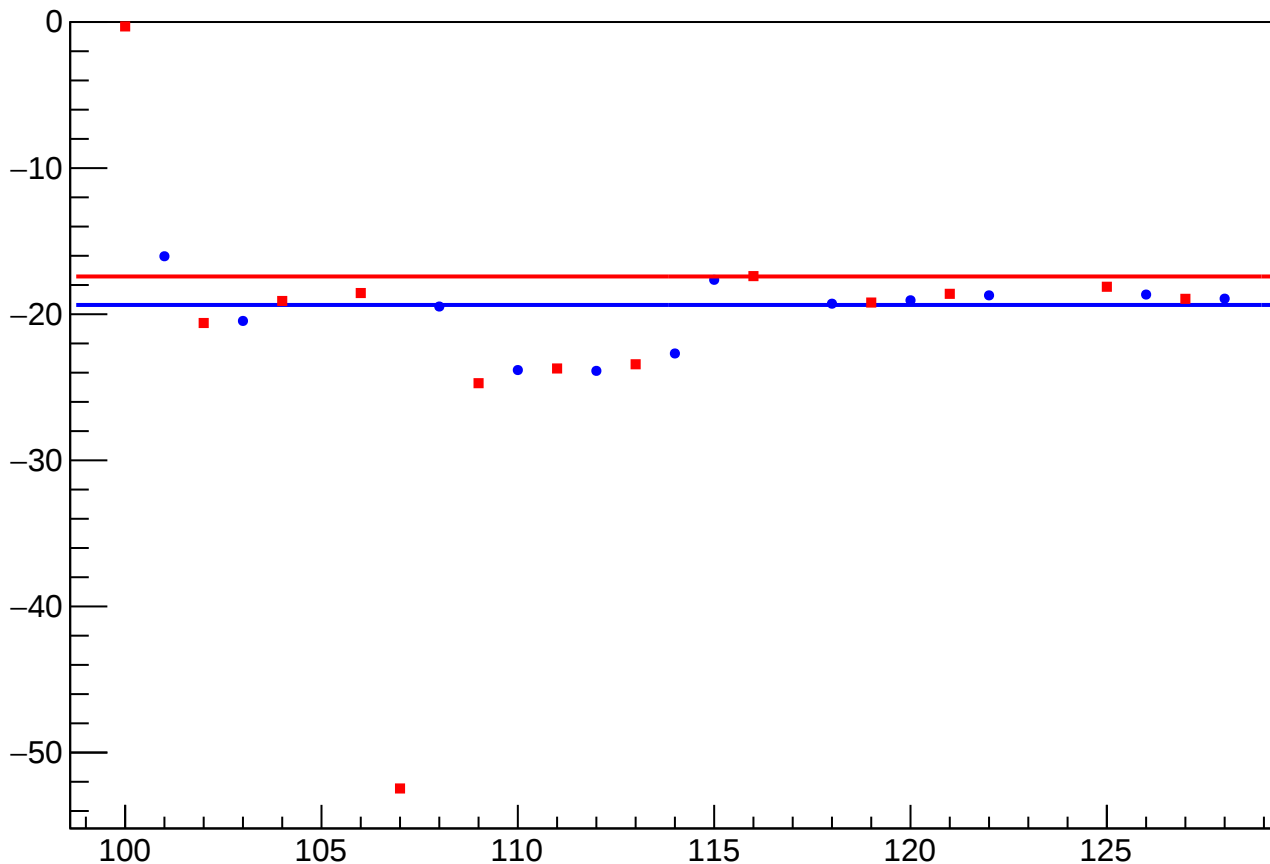
Right: 3.694+/-0.219 χ^2/NDF : 649.9/24

In: 3.702+/-0.303 χ^2/NDF : 317.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.694+/-0.219 χ^2/NDF : 649.9/24

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.365+/-0.019 χ^2/NDF : 13979.0/11

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

Right Out: -17.416+/-0.018 χ^2/NDF : 279950.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

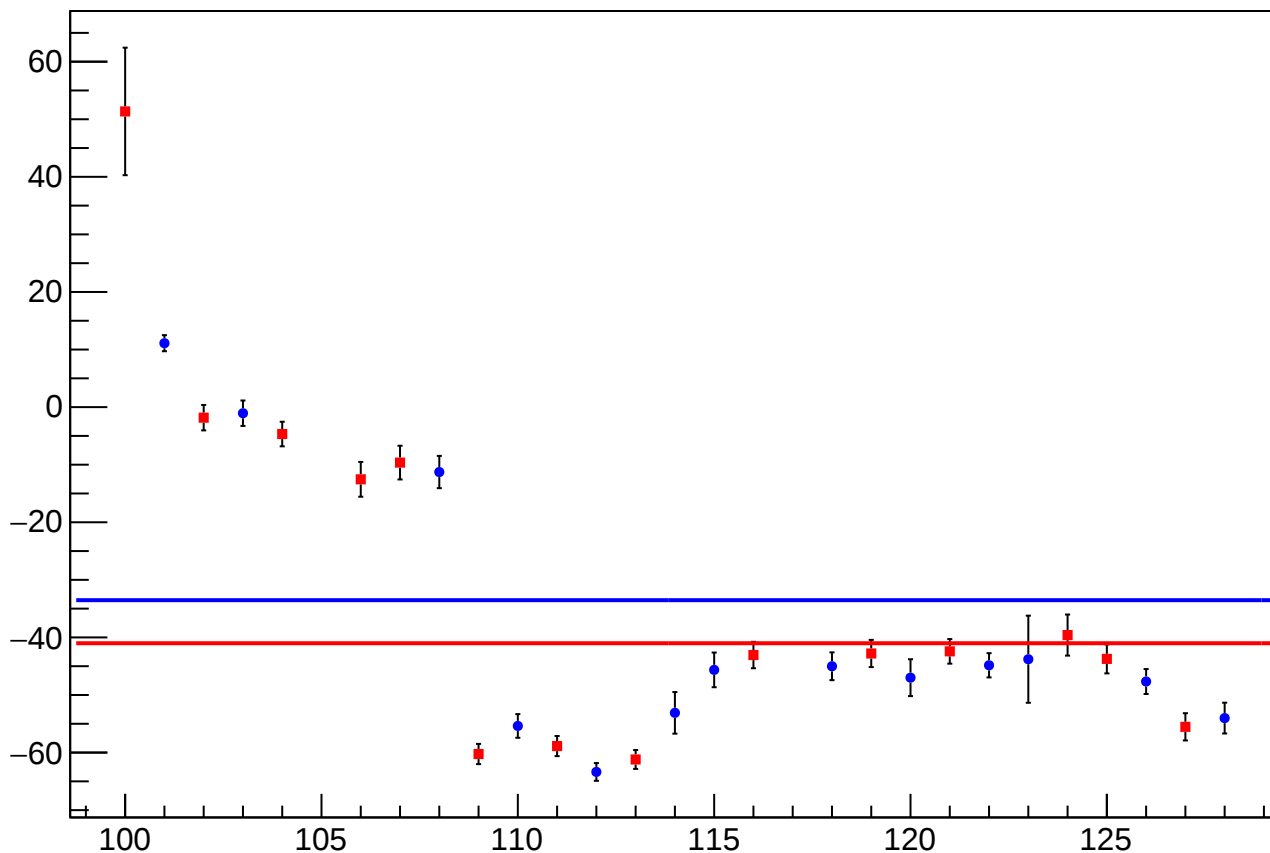
Right: -18.298+/-0.013 χ^2/NDF : 299544.2/24

In: -19.365+/-0.019 χ^2/NDF : 13979.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.298+/-0.013 χ^2/NDF : 299544.2/24

reg_asym_right_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -33.533+/-0.626 χ^2/NDF : 2008.1/12

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

Right Out: -41.011+/-0.610 χ^2/NDF : 1294.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

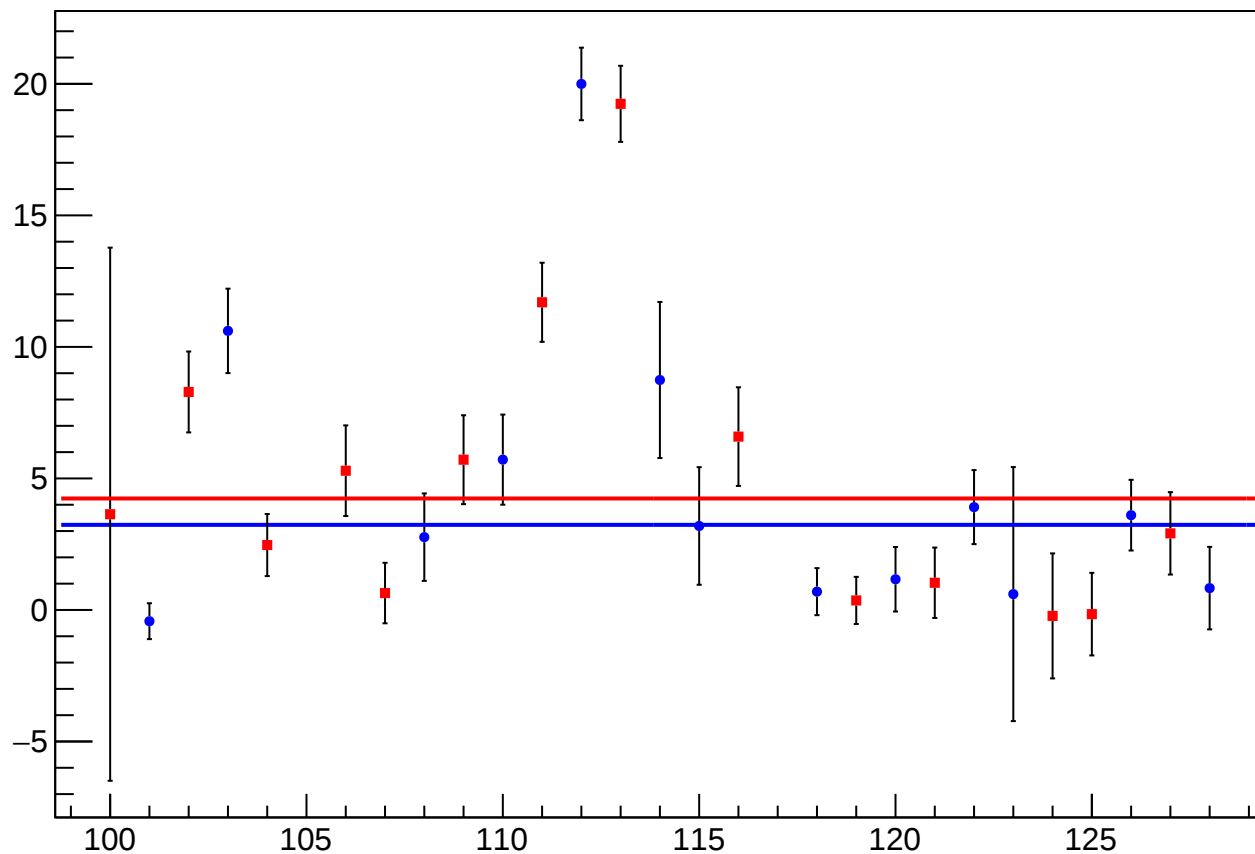
Right: -37.366+/-0.437 χ^2/NDF : 3376.0/26

In: -33.533+/-0.626 χ^2/NDF : 2008.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.366+/-0.437 χ^2/NDF : 3376.0/26

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.235+/-0.365 χ^2/NDF : 217.2/12

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

Right Out: 4.238+/-0.389 χ^2/NDF : 190.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

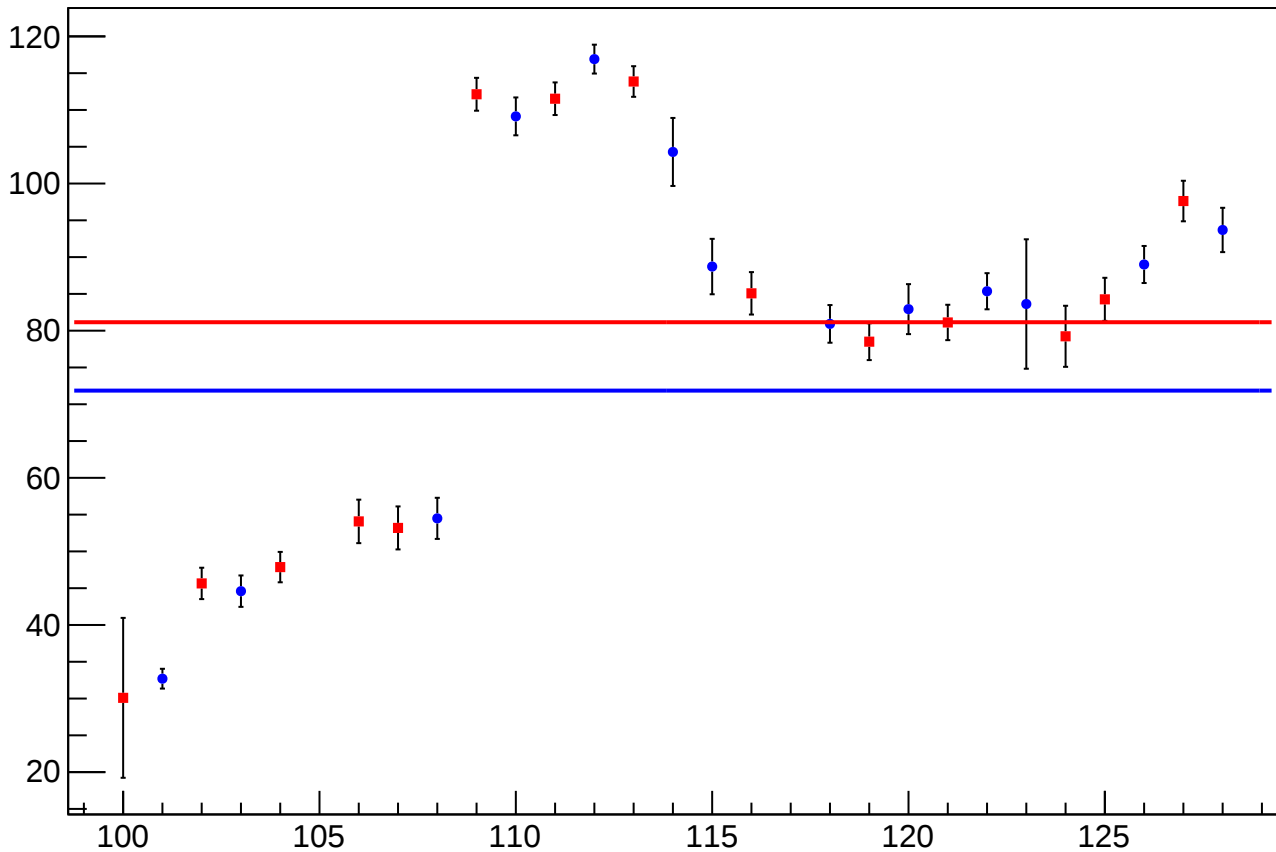
Right: 3.704+/-0.266 χ^2/NDF : 411.2/26

In: 3.235+/-0.365 χ^2/NDF : 217.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.704+/-0.266 χ^2/NDF : 411.2/26

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 71.855+/-0.688 χ^2/NDF : 2010.5/12

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

Right Out: 81.150+/-0.692 χ^2/NDF : 1401.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

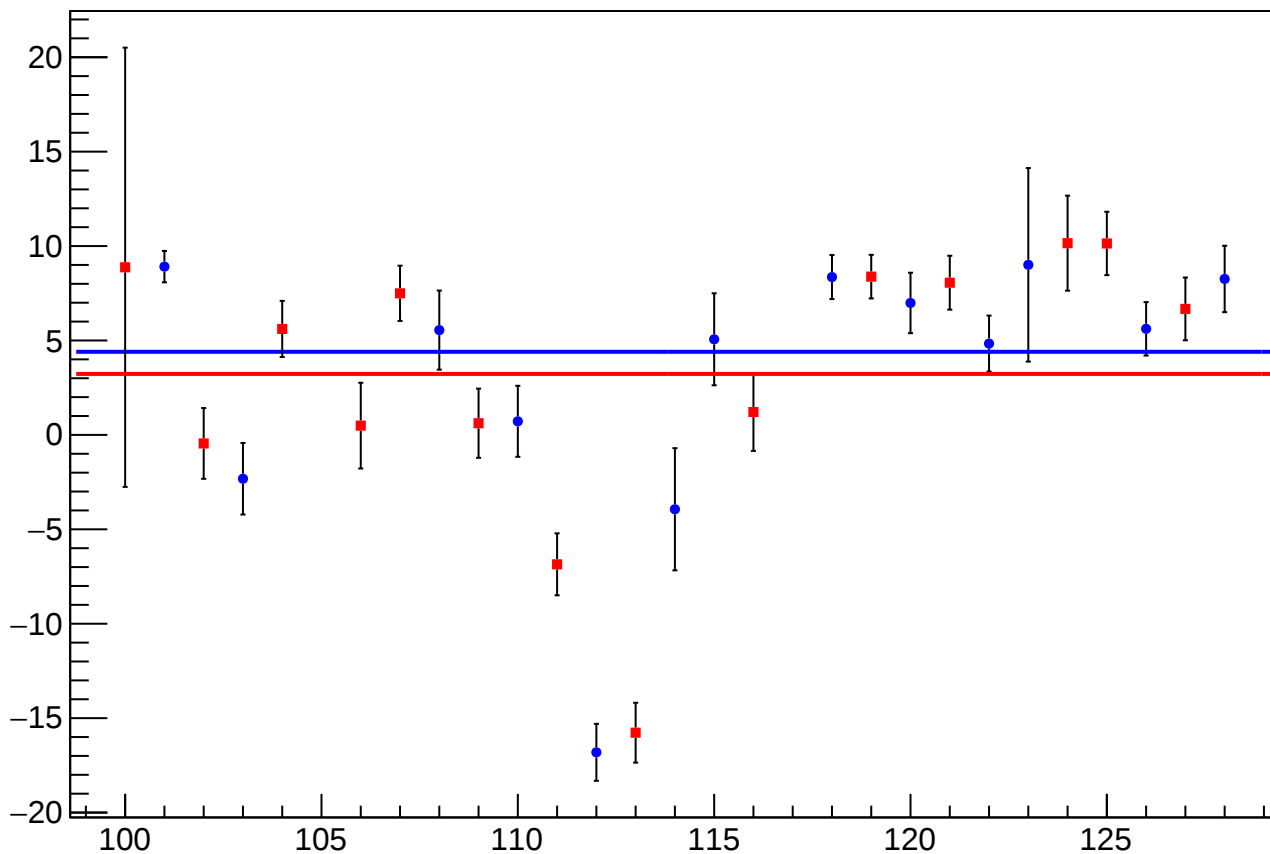
Right: 76.473+/-0.488 χ^2/NDF : 3502.9/26

In: 71.855+/-0.688 χ^2/NDF : 2010.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.473+/-0.488 χ^2/NDF : 3502.9/26

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.401 $\pm$ 0.431 χ^2 /NDF: 271.3/12

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

Right Out: 3.229 $\pm$ 0.455 χ^2 /NDF: 261.3/13

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

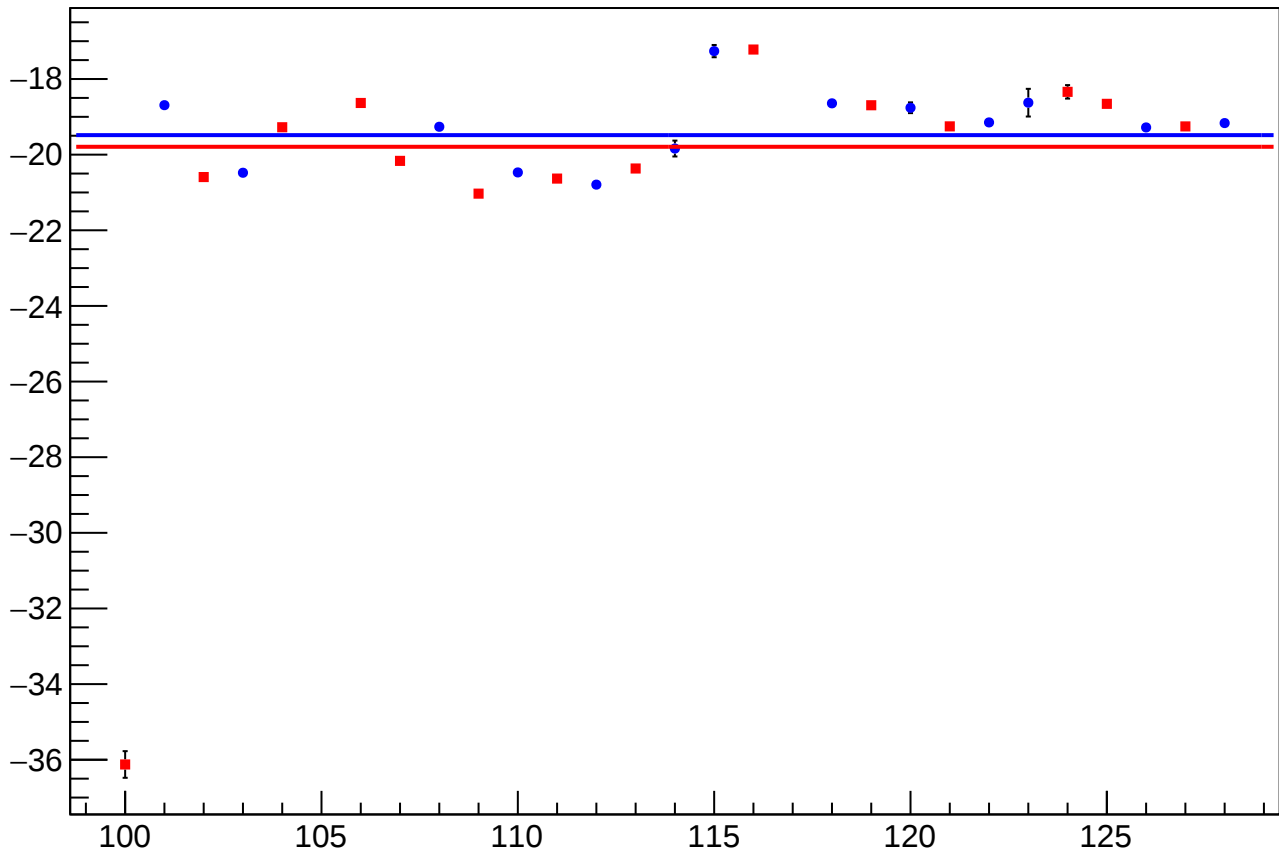
Right: 3.847 $\pm$ 0.313 χ^2 /NDF: 536.1/26

In: 4.401 $\pm$ 0.431 χ^2 /NDF:271.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.847 $\pm$ 0.313 χ^2 /NDF: 536.1/26

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.484+/-0.024 χ^2/NDF : 1284.1/12

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

Right Out: -19.792+/-0.023 χ^2/NDF : 3740.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

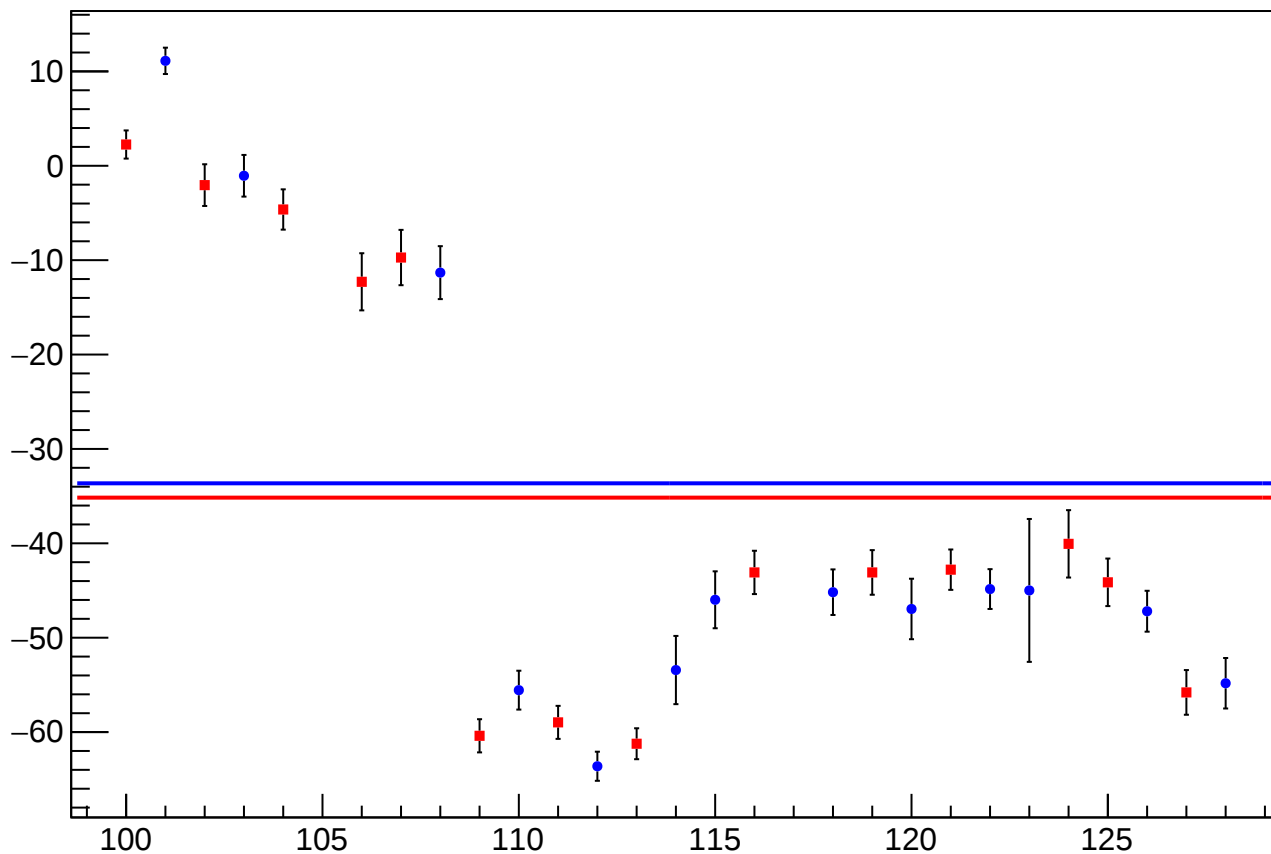
Right: -19.644+/-0.017 χ^2/NDF : 5109.9/26

In: -19.484+/-0.024 χ^2/NDF : 1284.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.644+/-0.017 χ^2/NDF : 5109.9/26

reg_asym_right_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -33.643+/-0.626 χ^2/NDF : 2019.8/12

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

Right Out: -35.159+/-0.566 χ^2/NDF : 1961.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

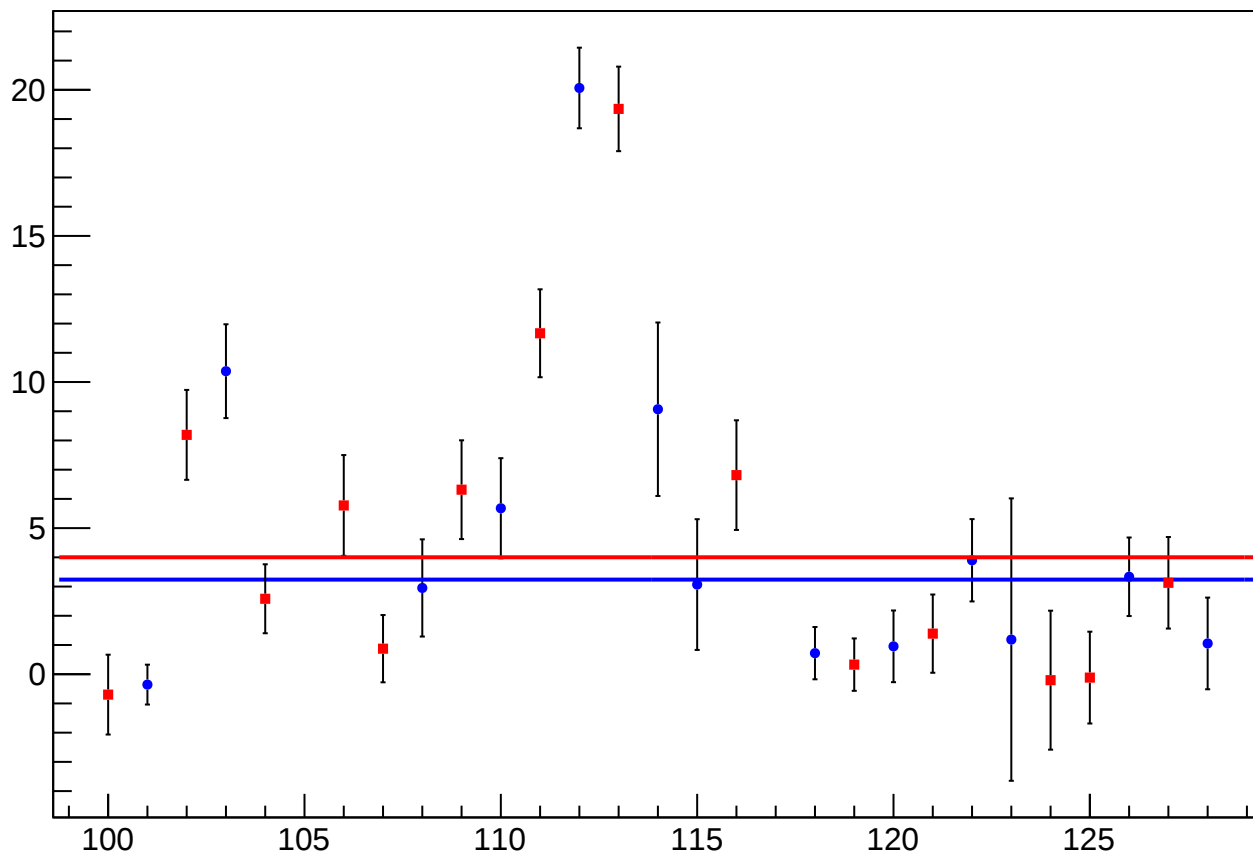
Right: -34.477+/-0.420 χ^2/NDF : 3984.0/26

In: -33.643+/-0.626 χ^2/NDF : 2019.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.477+/-0.420 χ^2/NDF : 3984.0/26

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.238+/-0.365 χ^2/NDF : 215.9/12

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

Right Out: 4.002+/-0.375 χ^2/NDF : 202.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

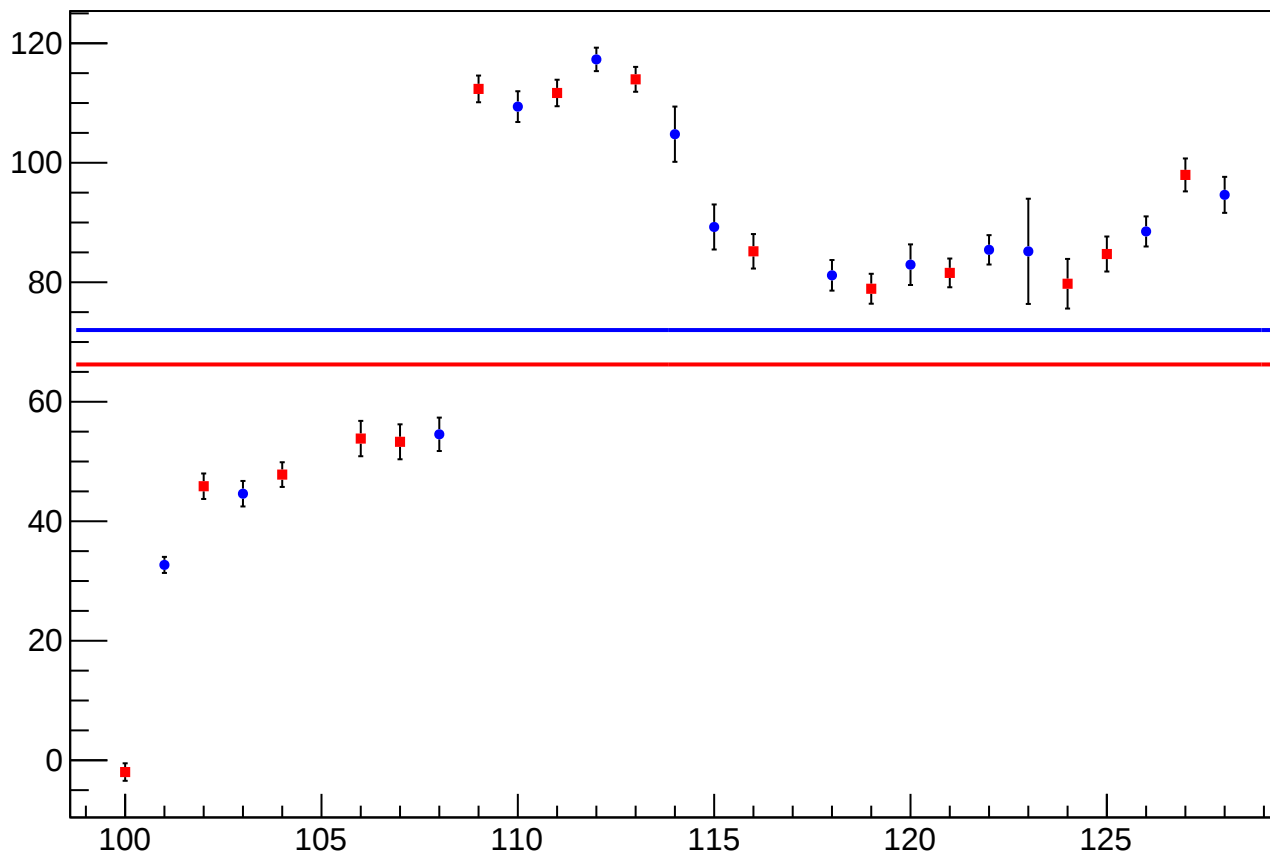
Right: 3.610+/-0.262 χ^2/NDF : 420.7/26

In: 3.238+/-0.365 χ^2/NDF : 215.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.610+/-0.262 χ^2/NDF : 420.7/26

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.003+/-0.688 χ^2/NDF : 2026.7/12

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

Right Out: 66.244+/-0.627 χ^2/NDF : 4040.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

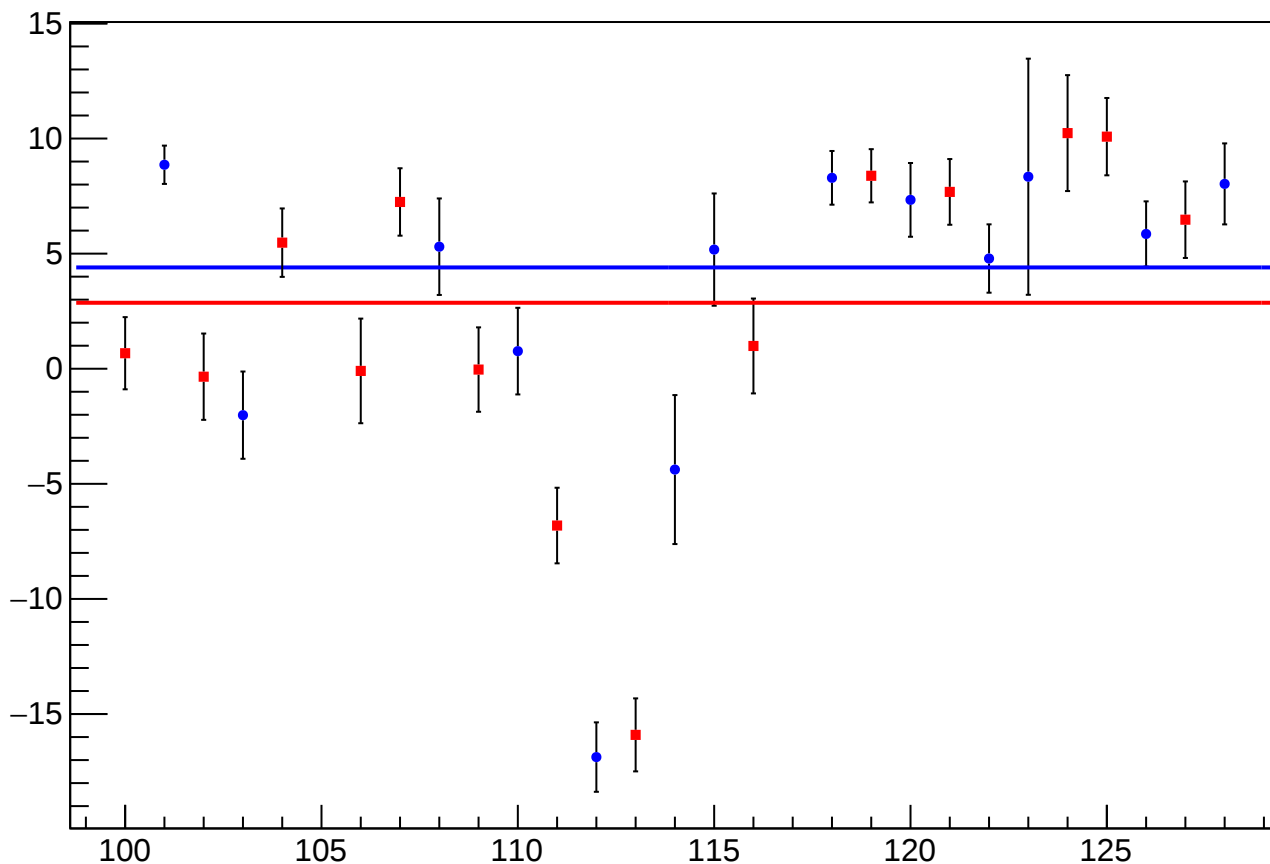
Right: 68.857+/-0.463 χ^2/NDF : 6105.0/26

In: 72.003+/-0.688 χ^2/NDF : 2026.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.857+/-0.463 χ^2/NDF : 6105.0/26

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.400+/-0.431 χ^2/NDF : 270.9/12

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

Right Out: 2.866+/-0.438 χ^2/NDF : 262.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

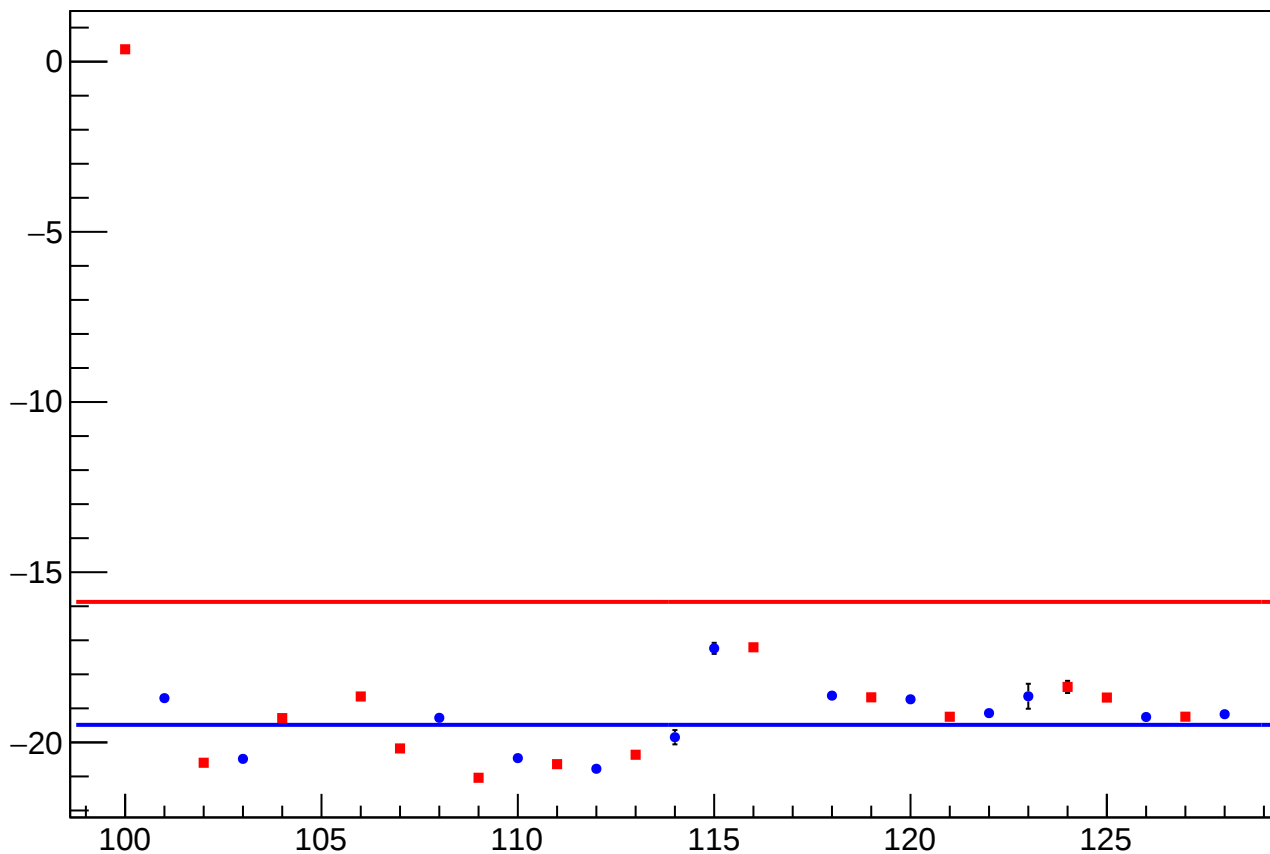
Right: 3.644+/-0.307 χ^2/NDF : 539.9/26

In: 4.400+/-0.431 χ^2/NDF : 270.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.644+/-0.307 χ^2/NDF : 539.9/26

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.484 $\pm$ 0.024 χ^2 /NDF: 1283.7/12

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

Right Out: -15.872 $\pm$ 0.021 χ^2 /NDF: 146086.0/13

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

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

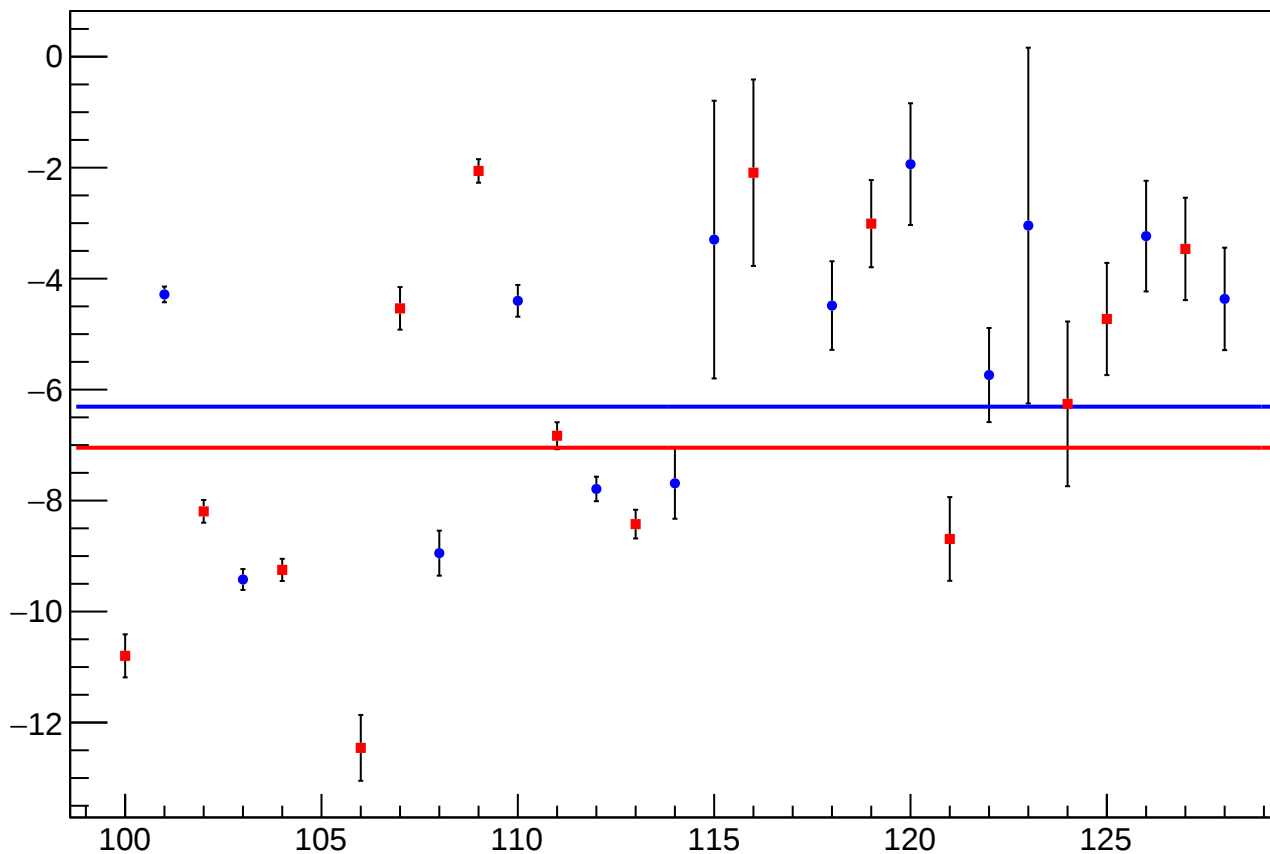
Right: -17.422 $\pm$ 0.016 χ^2 /NDF: 160292.3/26

In: -19.484 $\pm$ 0.024 χ^2 /NDF:1283.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -17.422 $\pm$ 0.016 χ^2 /NDF: 160292.3/26

reg_asym_sam_15_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -6.307+/-0.089 χ^2/NDF : 652.1/12

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

Right Out: -7.047+/-0.089 χ^2/NDF : 1012.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

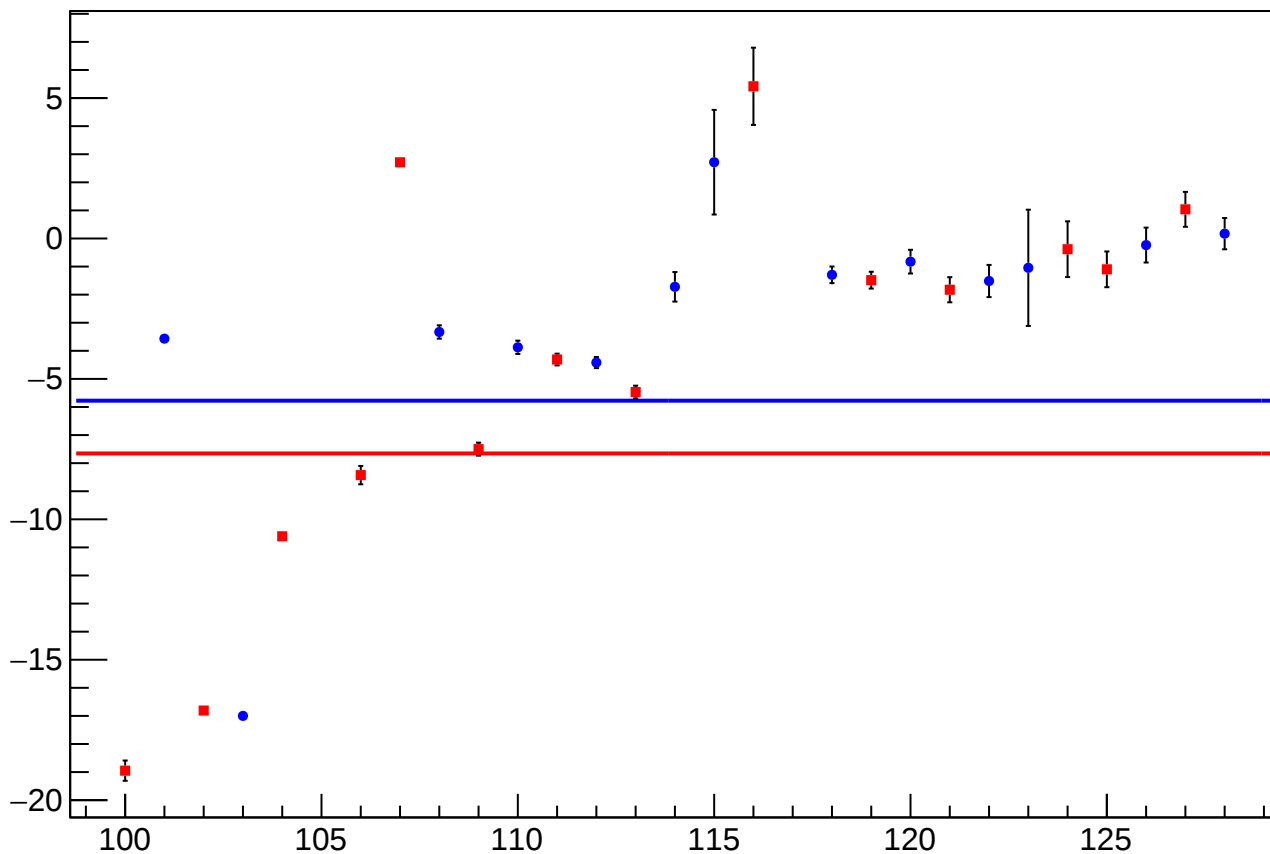
Right: -6.677+/-0.063 χ^2/NDF : 1698.8/26

In: -6.307+/-0.089 χ^2/NDF : 652.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.677+/-0.063 χ^2/NDF : 1698.8/26

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.775+/-0.057 χ^2 /NDF: 8630.2/12

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

Right Out: -7.654+/-0.063 χ^2 /NDF: 11391.1/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

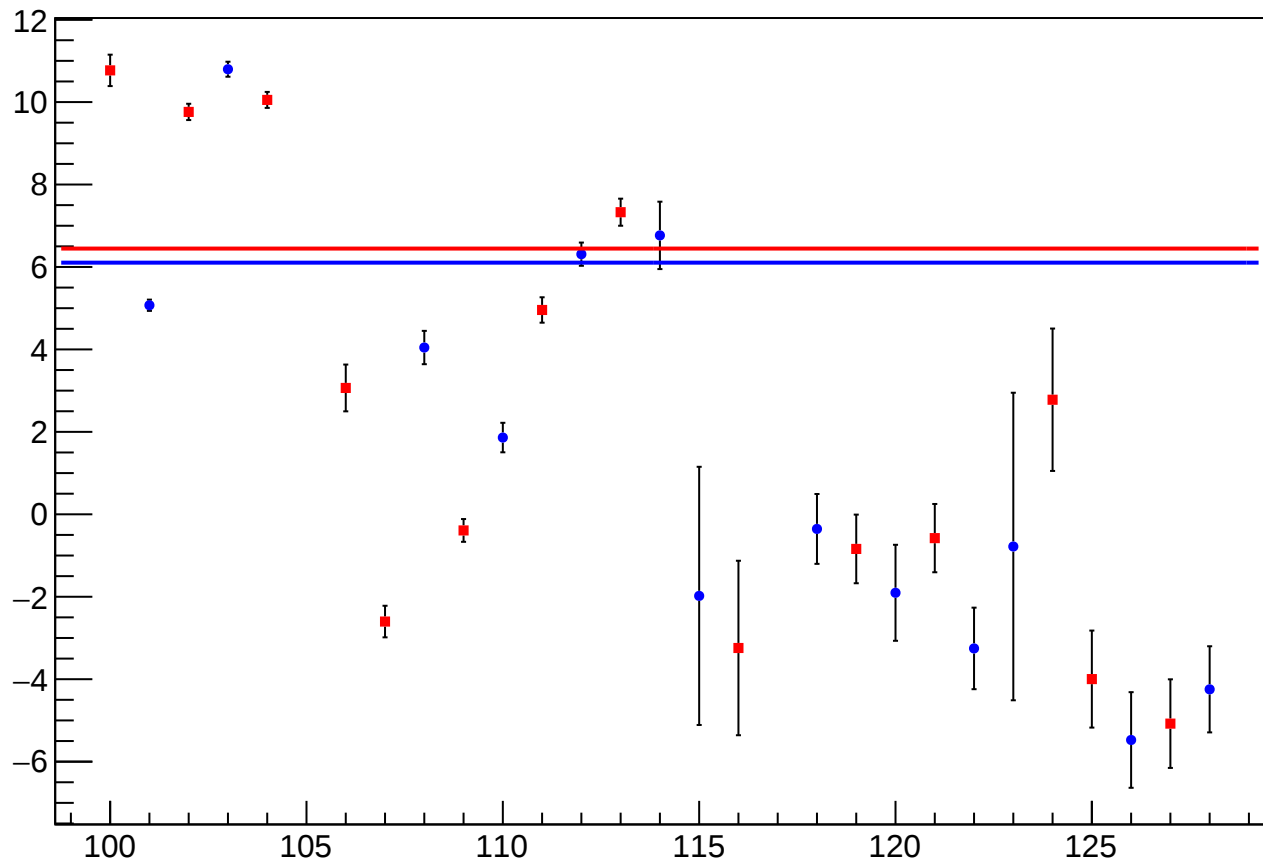
Right: -6.626+/-0.042 χ^2 /NDF: 20515.9/26

In: -5.775+/-0.057 χ^2 /NDF:8630.2/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -6.626+/-0.042 χ^2 /NDF: 20515.9/26

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.105 $\pm$ 0.093 χ^2 /NDF: 1291.7/12

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

Right Out: 6.446 $\pm$ 0.097 χ^2 /NDF: 2360.6/13

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

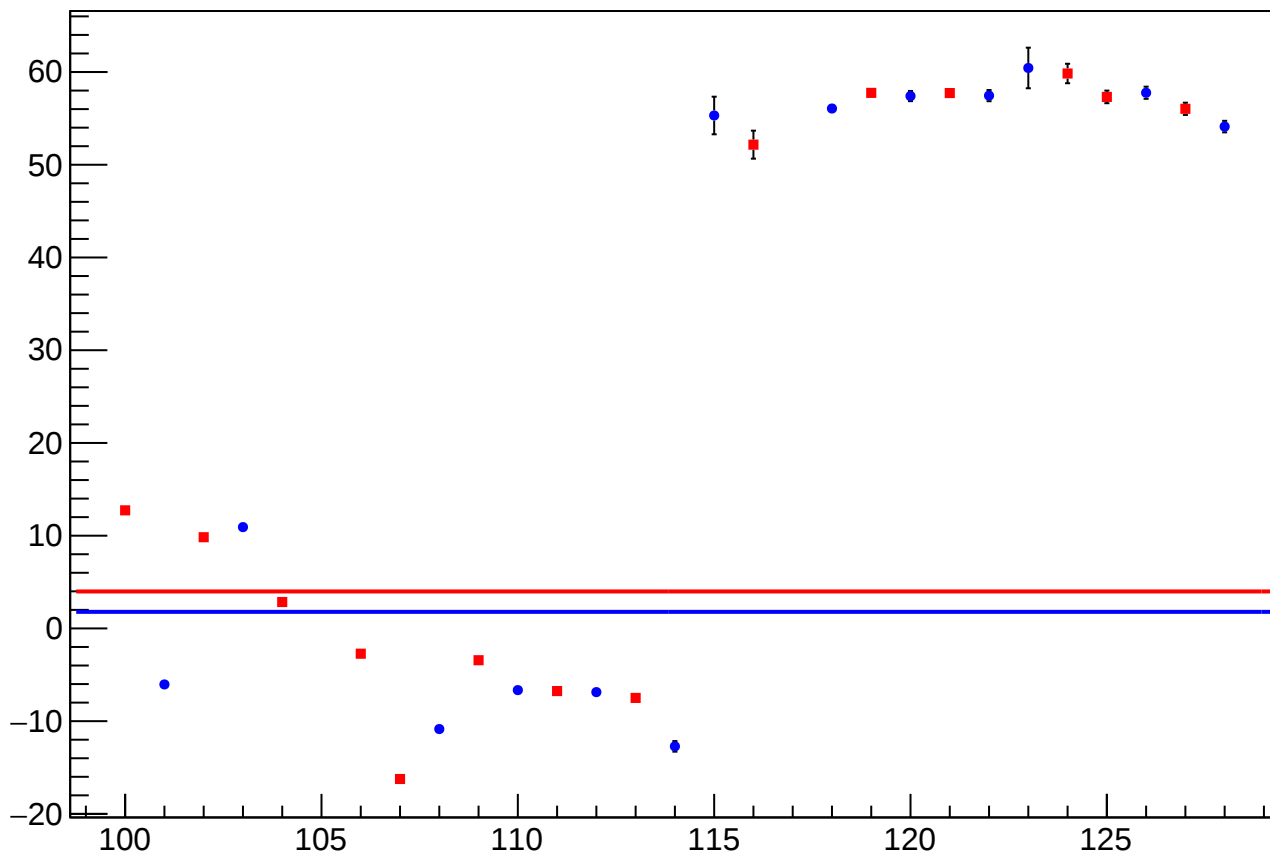
Right: 6.268 $\pm$ 0.067 χ^2 /NDF: 3658.8/26

In: 6.105 $\pm$ 0.093 χ^2 /NDF:1291.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 6.268 $\pm$ 0.067 χ^2 /NDF: 3658.8/26

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.788+/-0.068 χ^2/NDF : 69509.6/12

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

Right Out: 3.987+/-0.074 χ^2/NDF : 65831.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

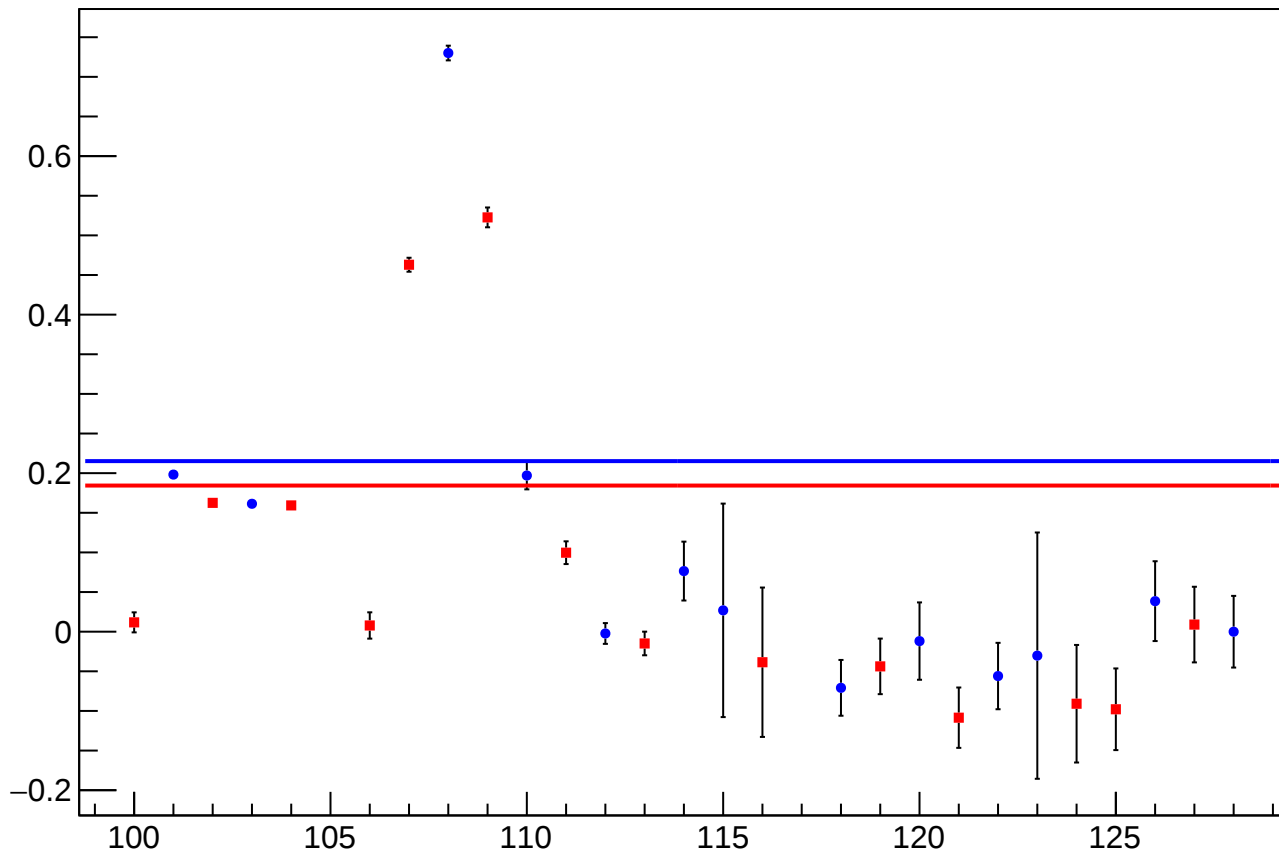
Right: 2.786+/-0.050 χ^2/NDF : 135819.1/26

In: 1.788+/-0.068 χ^2/NDF : 69509.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.786+/-0.050 χ^2/NDF : 135819.1/26

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215+/-0.003 χ^2/NDF : 3718.6/12

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

Right Out: 0.184+/-0.003 χ^2/NDF : 2459.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

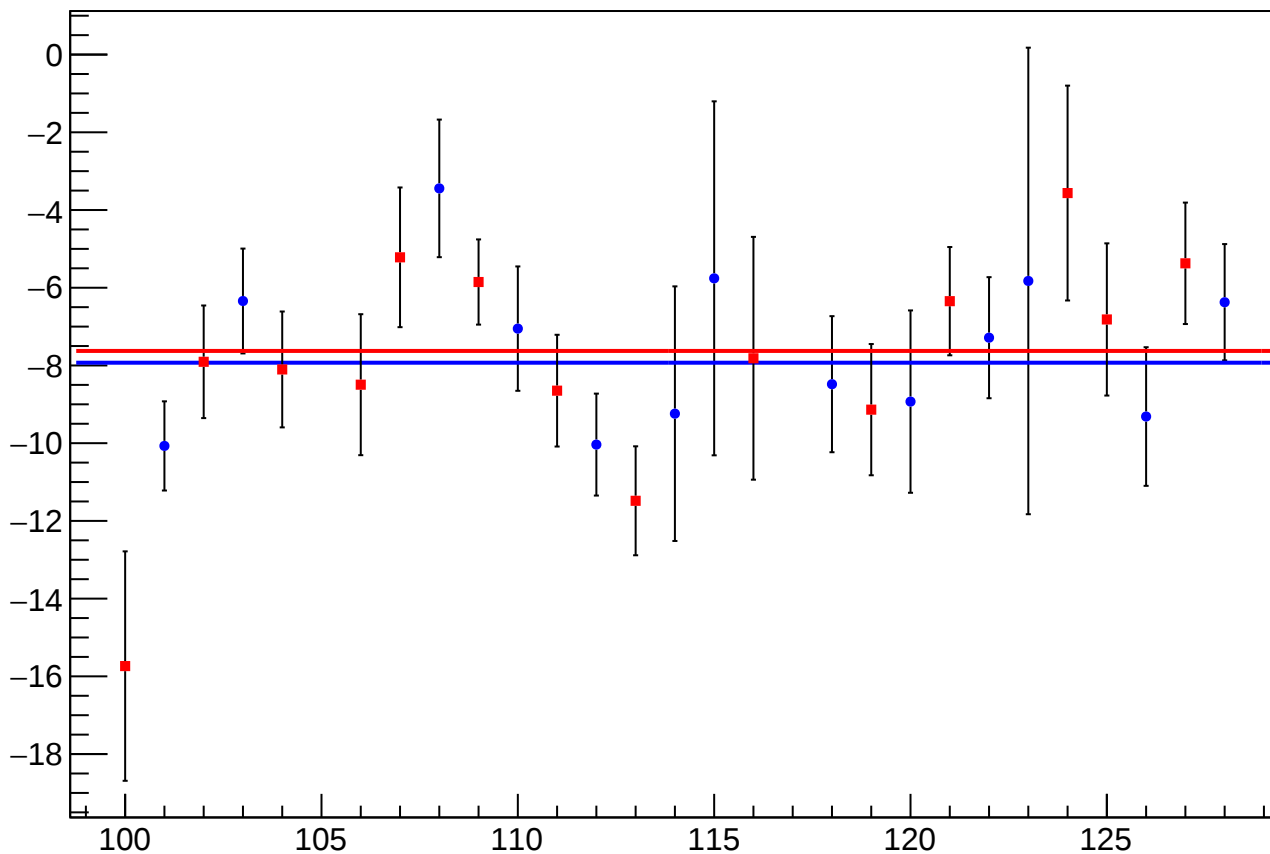
Right: 0.199+/-0.002 χ^2/NDF : 6238.4/26

In: 0.215+/-0.003 χ^2/NDF : 3718.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.199+/-0.002 χ^2/NDF : 6238.4/26

reg_asym_sam_15_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -7.929+/-0.474 χ^2 /NDF: 16.8/12

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

Right Out: -7.626+/-0.436 χ^2 /NDF: 26.5/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

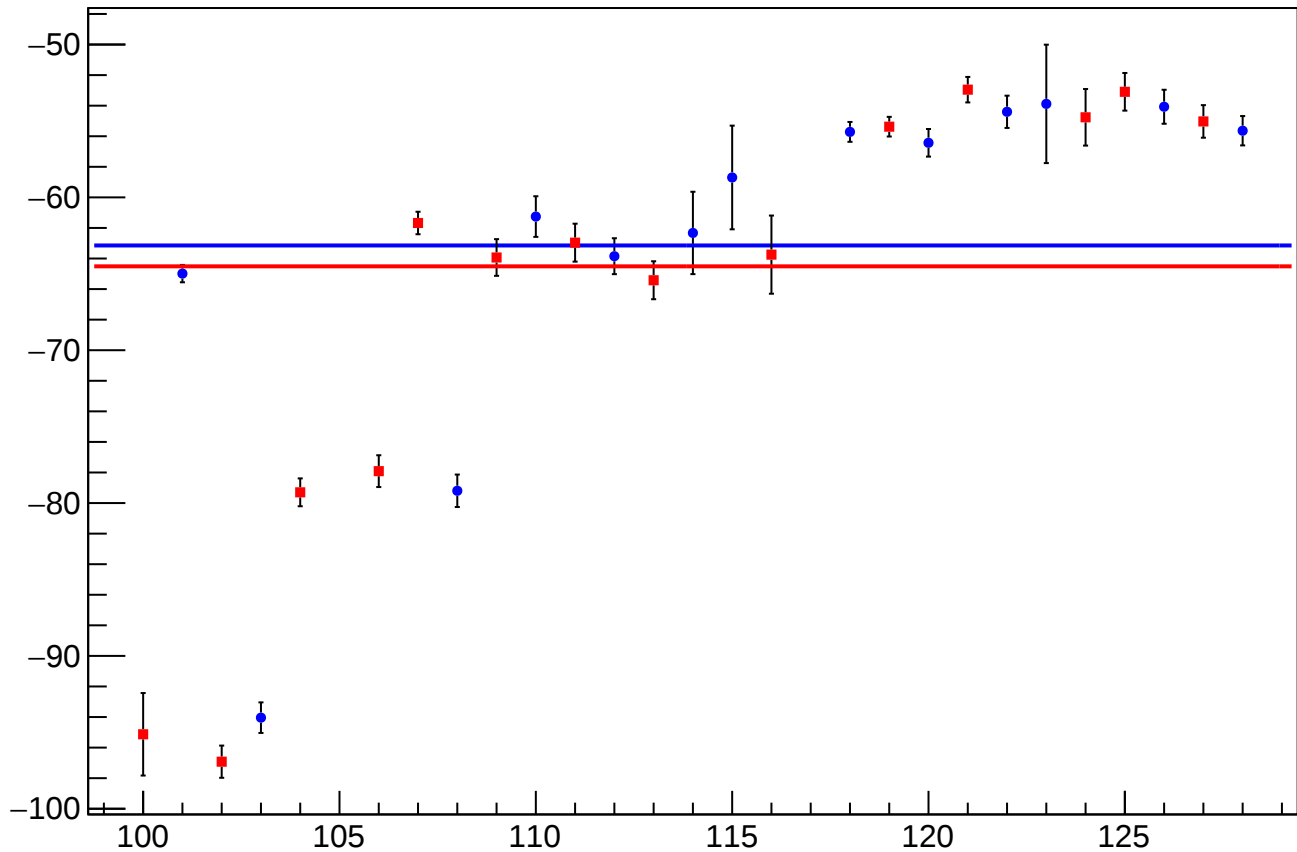
Right: -7.765+/-0.321 χ^2 /NDF: 43.5/26

In: -7.929+/-0.474 χ^2 /NDF:16.8/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -7.765+/-0.321 χ^2 /NDF: 43.5/26

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -63.146 $\pm$ 0.278 χ^2 /NDF: 1585.9/12

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

Right Out: -64.512 $\pm$ 0.279 χ^2 /NDF: 2107.3/13

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

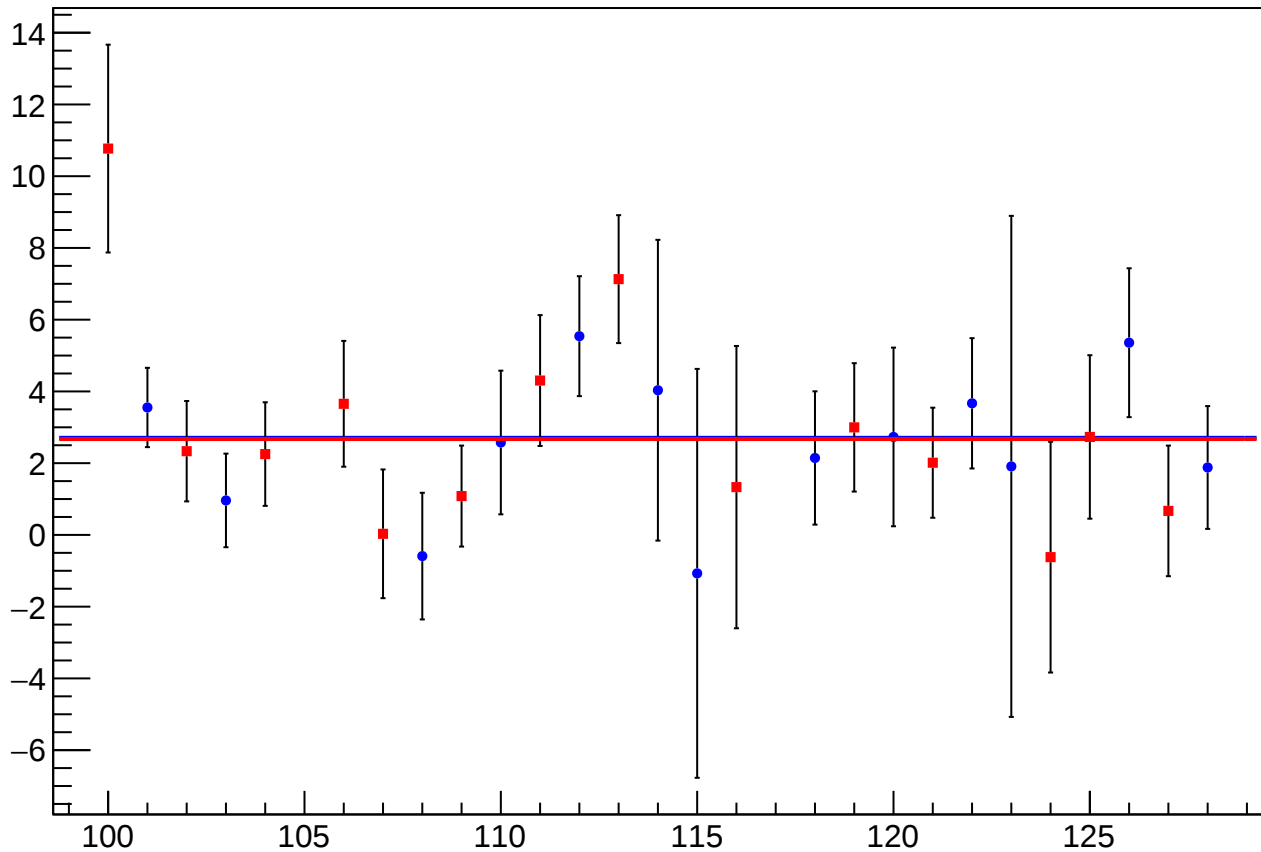
Right: -63.826 $\pm$ 0.197 χ^2 /NDF: 3705.3/26

In: -63.146 $\pm$ 0.278 χ^2 /NDF:1585.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -63.826 $\pm$ 0.197 χ^2 /NDF: 3705.3/26

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.707+/-0.515 χ^2/NDF : 11.5/12

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

Right Out: 2.673+/-0.485 χ^2/NDF : 21.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

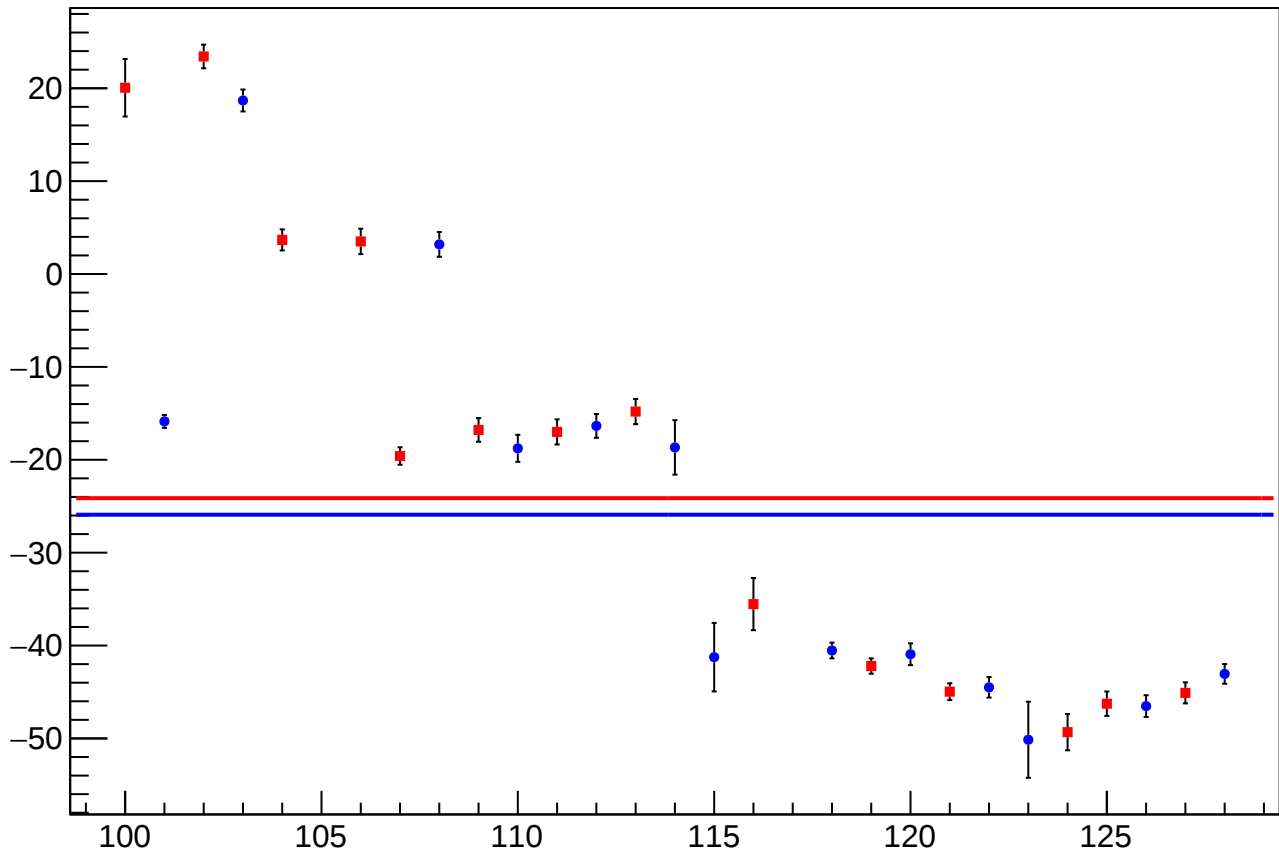
Right: 2.689+/-0.353 χ^2/NDF : 32.9/26

In: 2.707+/-0.515 χ^2/NDF : 11.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.689+/-0.353 χ^2/NDF : 32.9/26

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -25.913+/-0.329 χ^2/NDF : 3563.7/12

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

Right Out: -24.133+/-0.328 χ^2/NDF : 4561.7/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

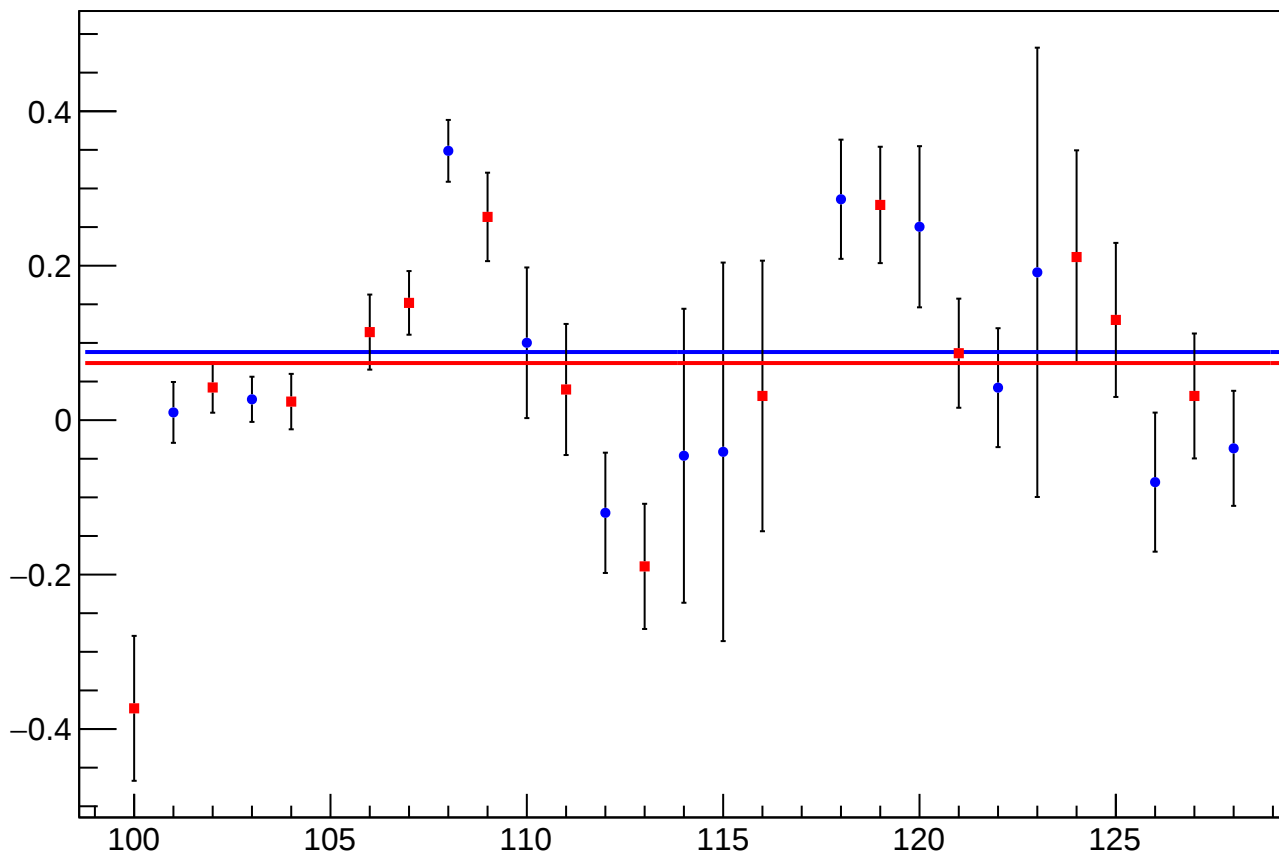
Right: -25.020+/-0.232 χ^2/NDF : 8140.1/26

In: -25.913+/-0.329 χ^2/NDF :3563.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -25.020+/-0.232 χ^2/NDF : 8140.1/26

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.088+/-0.017 χ^2/NDF : 74.4/12

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

Right Out: 0.074+/-0.016 χ^2/NDF : 60.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

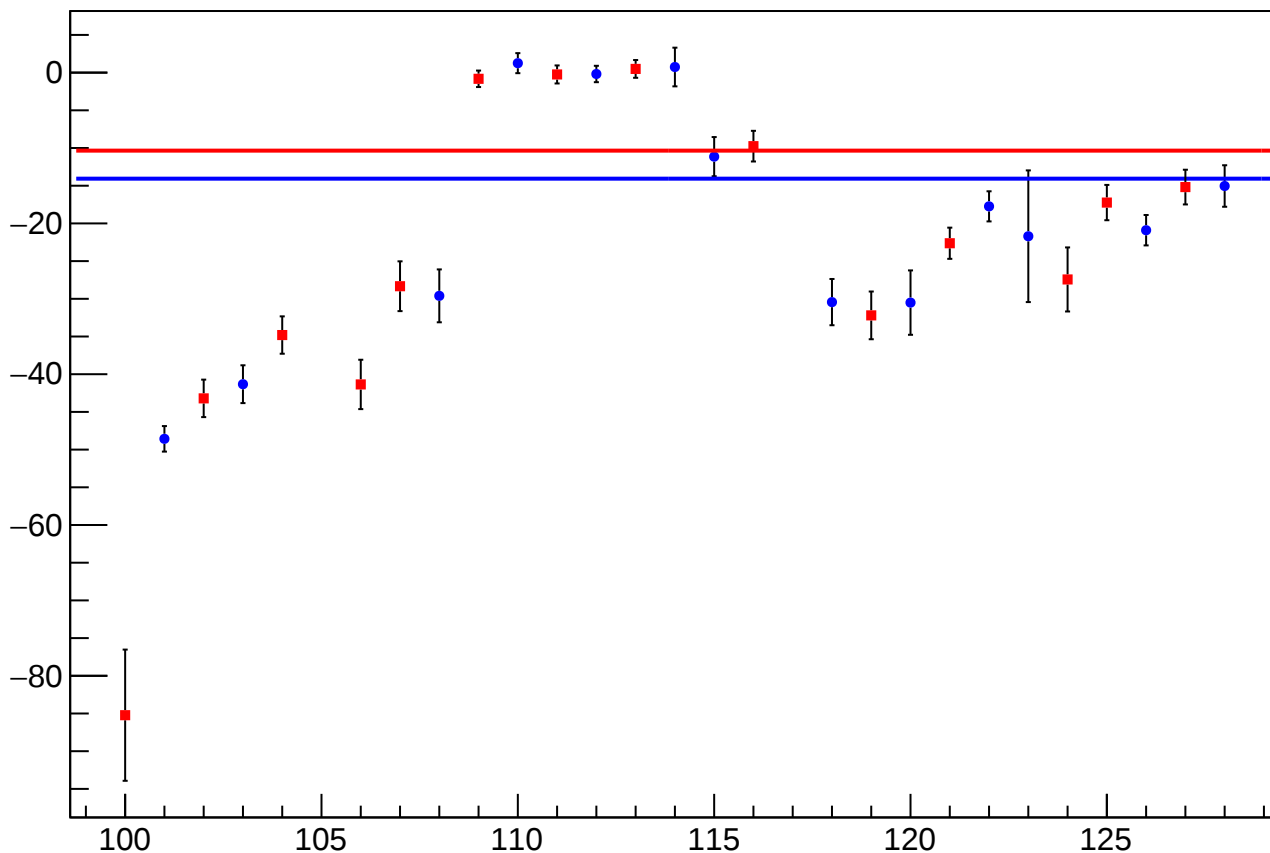
Right: 0.080+/-0.011 χ^2/NDF : 135.3/26

In: 0.088+/-0.017 χ^2/NDF : 74.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.080+/-0.011 χ^2/NDF : 135.3/26

reg_asym_sam_37_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -14.065+/-0.568 χ^2/NDF : 943.0/12

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

Right Out: -10.347+/-0.514 χ^2/NDF : 810.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

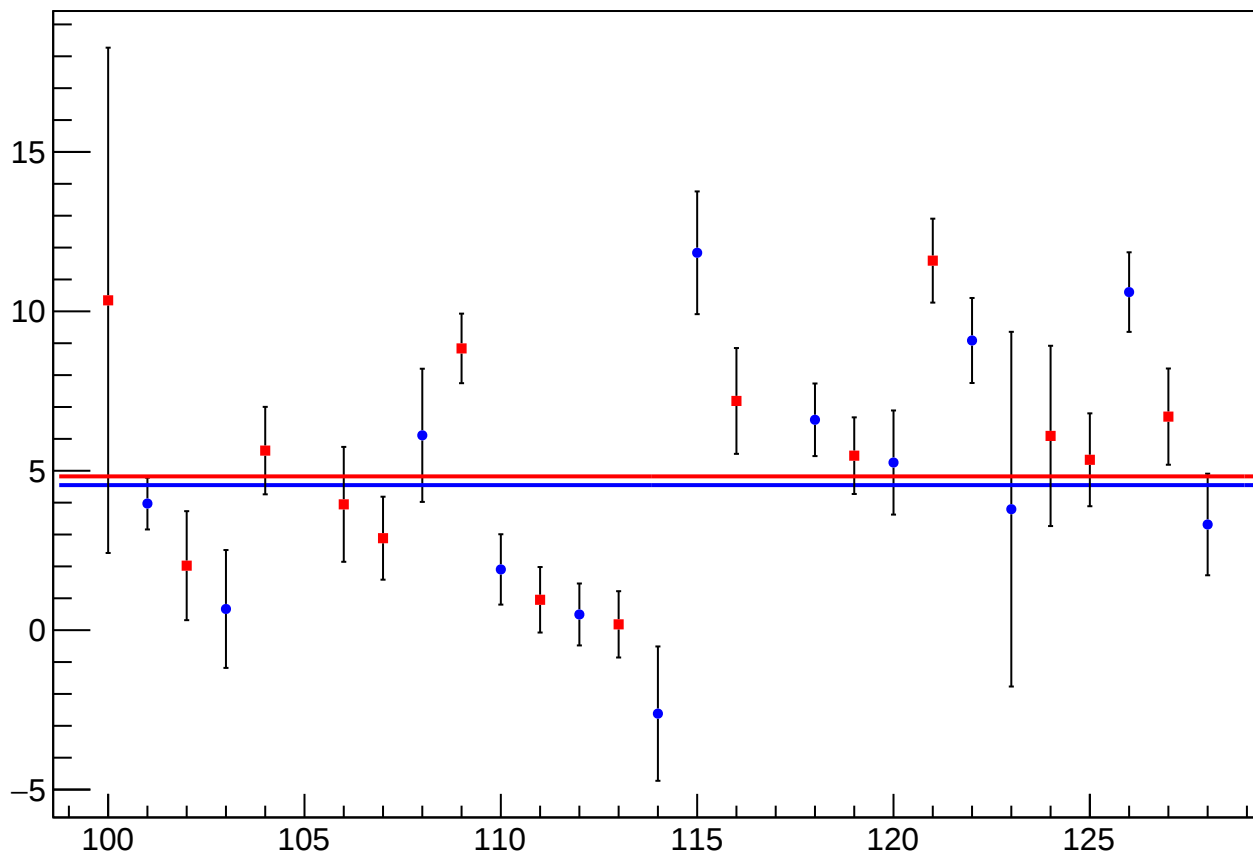
Right: -12.023+/-0.381 χ^2/NDF : 1776.5/26

In: -14.065+/-0.568 χ^2/NDF : 943.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.023+/-0.381 χ^2/NDF : 1776.5/26

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.550+/-0.373 χ^2/NDF : 93.7/12

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

Right Out: 4.824+/-0.373 χ^2/NDF : 84.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

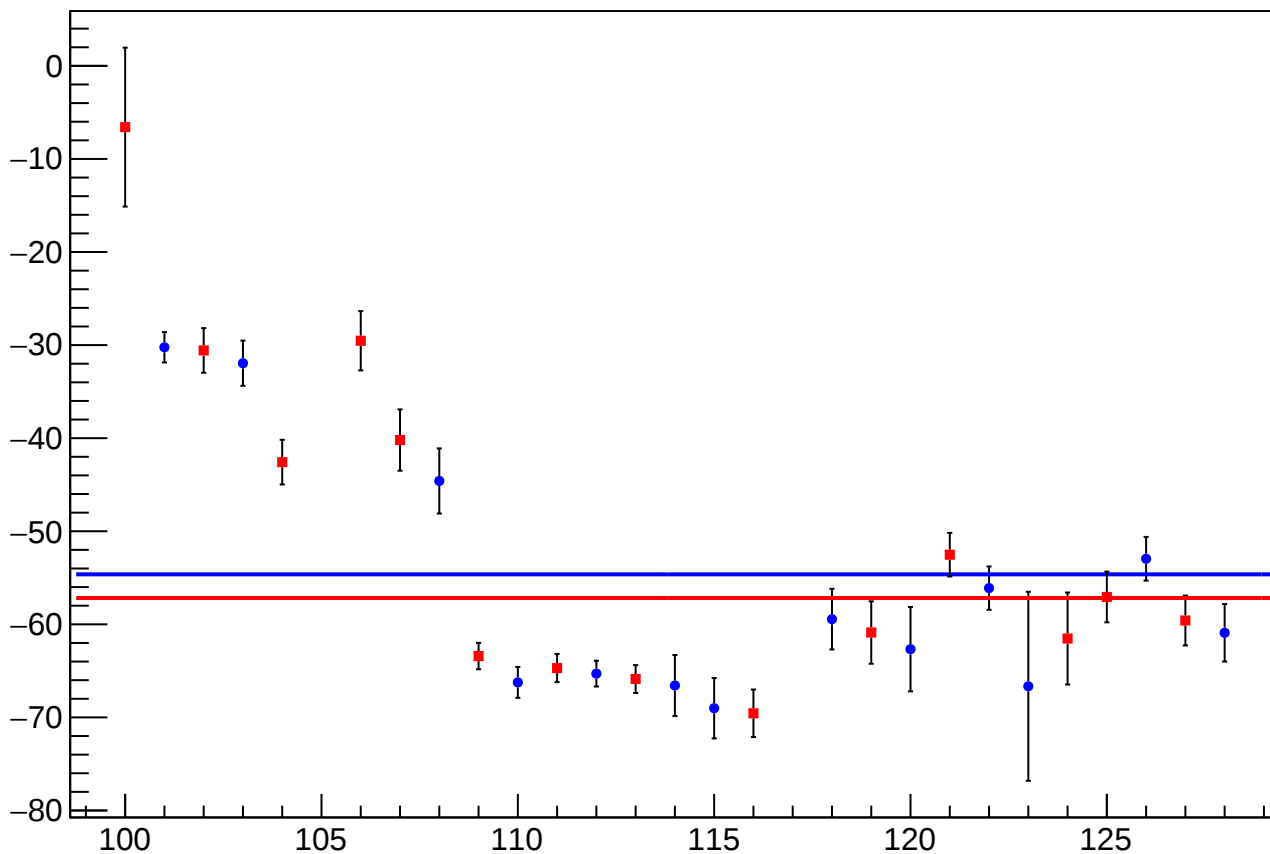
Right: 4.687+/-0.264 χ^2/NDF : 178.2/26

In: 4.550+/-0.373 χ^2/NDF : 93.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.687+/-0.264 χ^2/NDF : 178.2/26

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.630 $\pm$ 0.656 χ^2/NDF : 472.4/12

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

Right Out: -57.173 $\pm$ 0.612 χ^2/NDF : 404.9/13

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

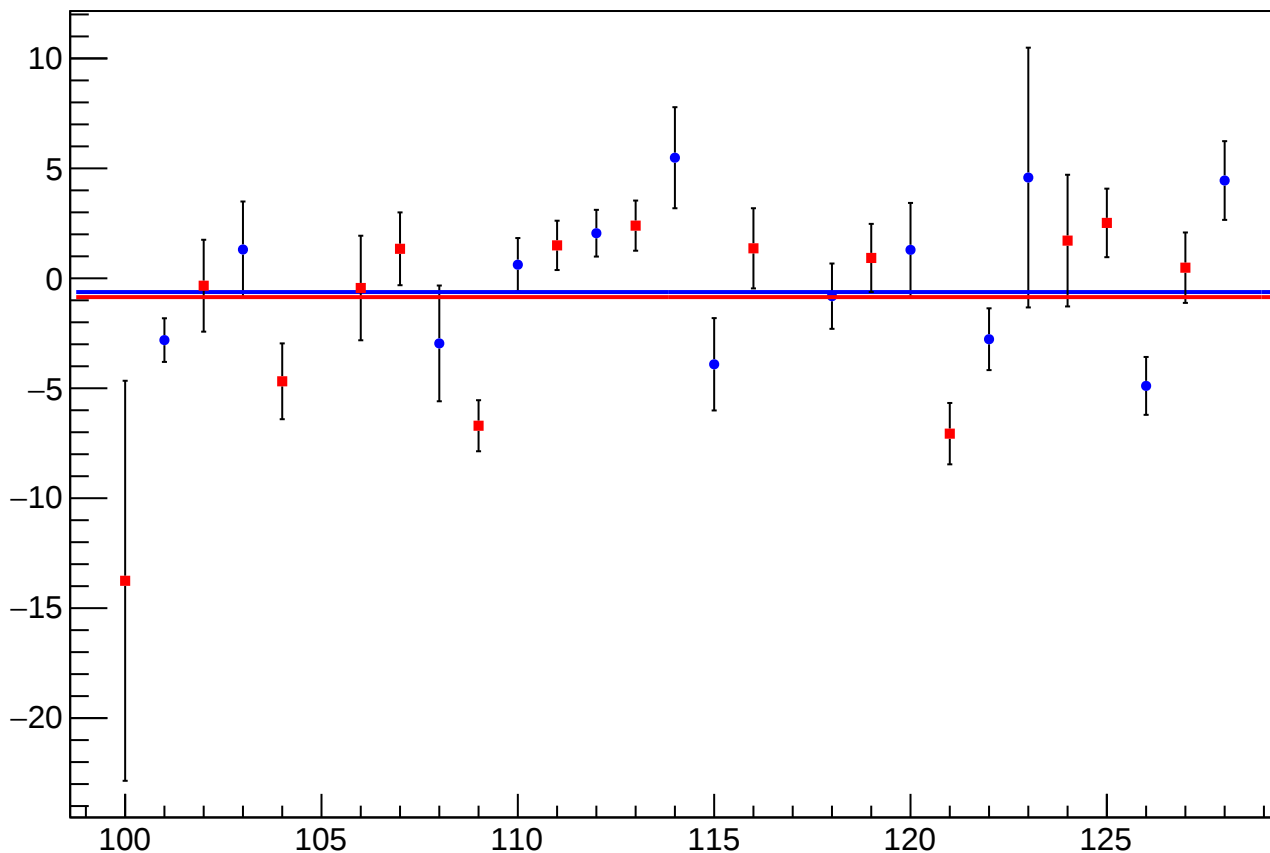
Right: -55.989 $\pm$ 0.447 χ^2/NDF : 885.4/26

In: -54.630 $\pm$ 0.656 χ^2/NDF : 472.4/12

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

All: -55.989 $\pm$ 0.447 χ^2/NDF : 885.4/26

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.625+/-0.428 χ^2/NDF : 45.8/12

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

Right Out: -0.855+/-0.424 χ^2/NDF : 75.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

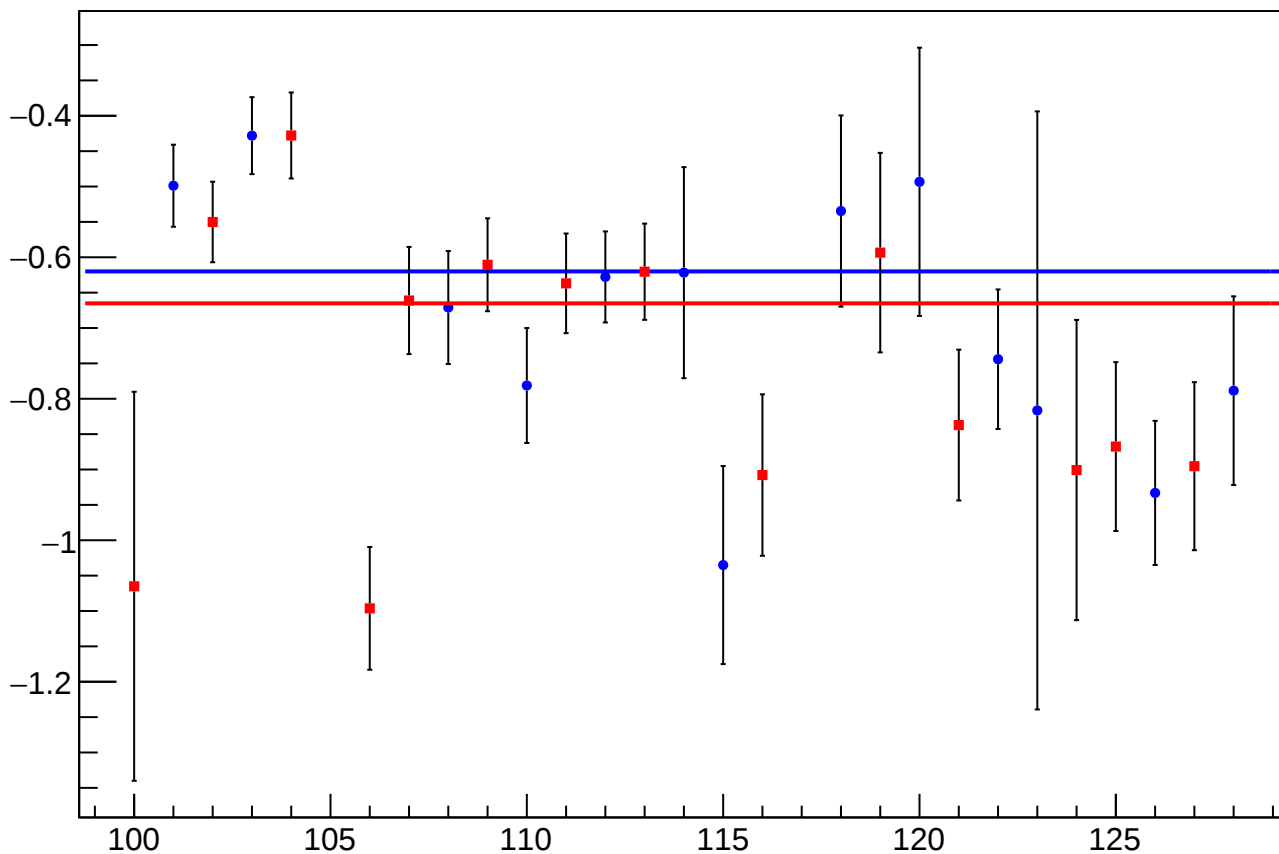
Right: -0.741+/-0.301 χ^2/NDF : 121.4/26

In: -0.625+/-0.428 χ^2/NDF :45.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.741+/-0.301 χ^2/NDF : 121.4/26

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.620 ± 0.025 χ^2/NDF : 43.7/12

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

Right Out: -0.665 ± 0.023 χ^2/NDF : 62.7/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

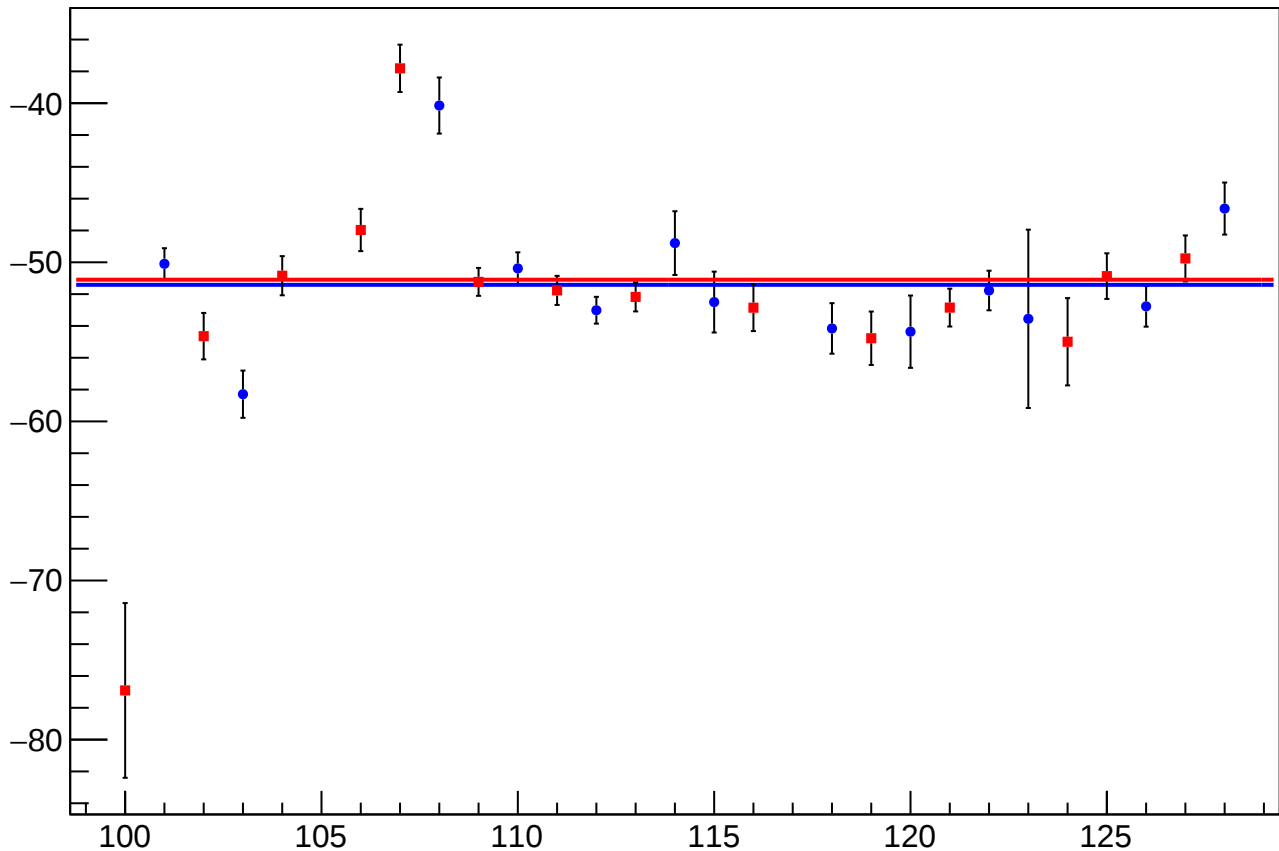
Right: -0.644 ± 0.017 χ^2/NDF : 108.1/26

In: -0.620 ± 0.025 χ^2/NDF : 43.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.644 ± 0.017 χ^2/NDF : 108.1/26

reg_asym_sam_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -51.415+/-0.379 χ^2/NDF : 85.3/12

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

Right Out: -51.094+/-0.343 χ^2/NDF : 126.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

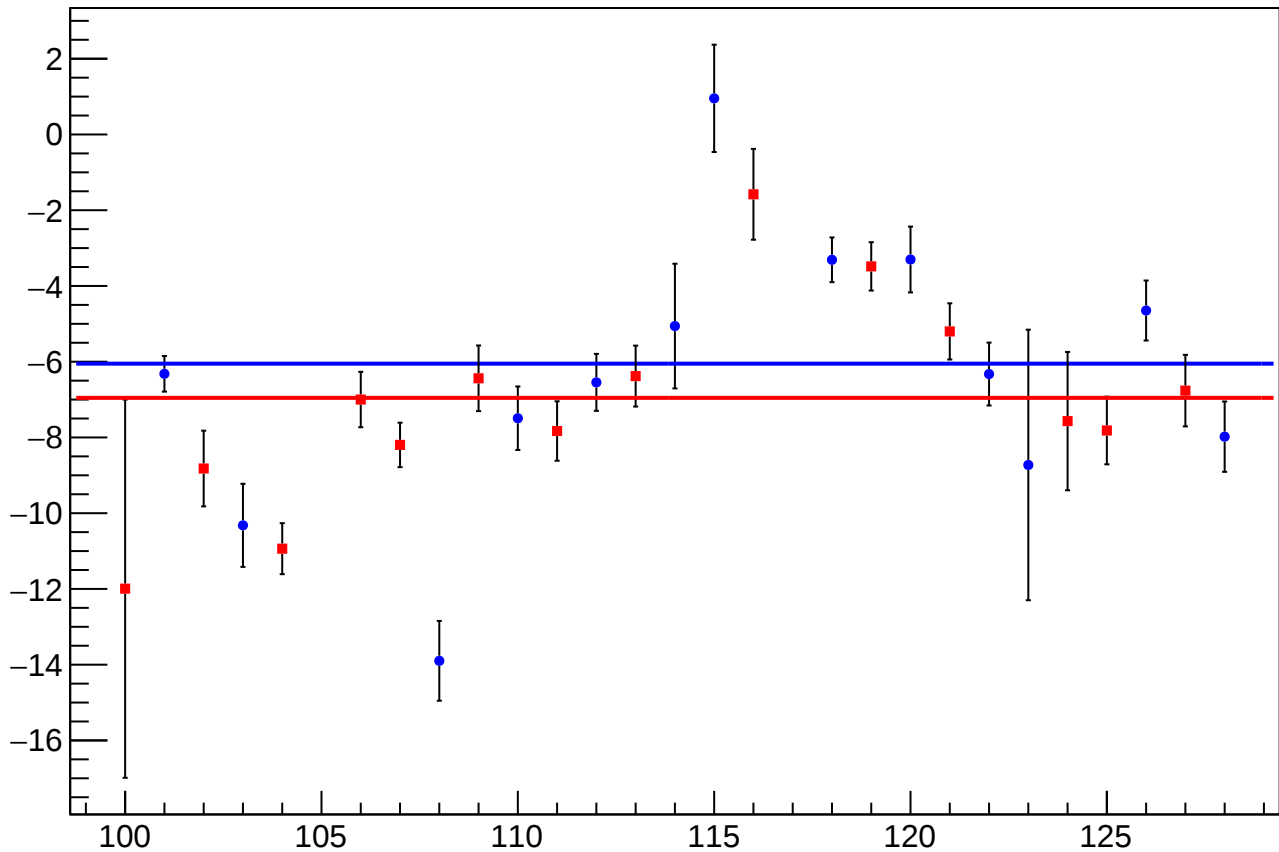
Right: -51.238+/-0.254 χ^2/NDF : 212.3/26

In: -51.415+/-0.379 χ^2/NDF : 85.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.238+/-0.254 χ^2/NDF : 212.3/26

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.051 $\pm$ 0.231 χ^2 /NDF: 138.8/12

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

Right Out: -6.954 $\pm$ 0.223 χ^2 /NDF: 102.4/13

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

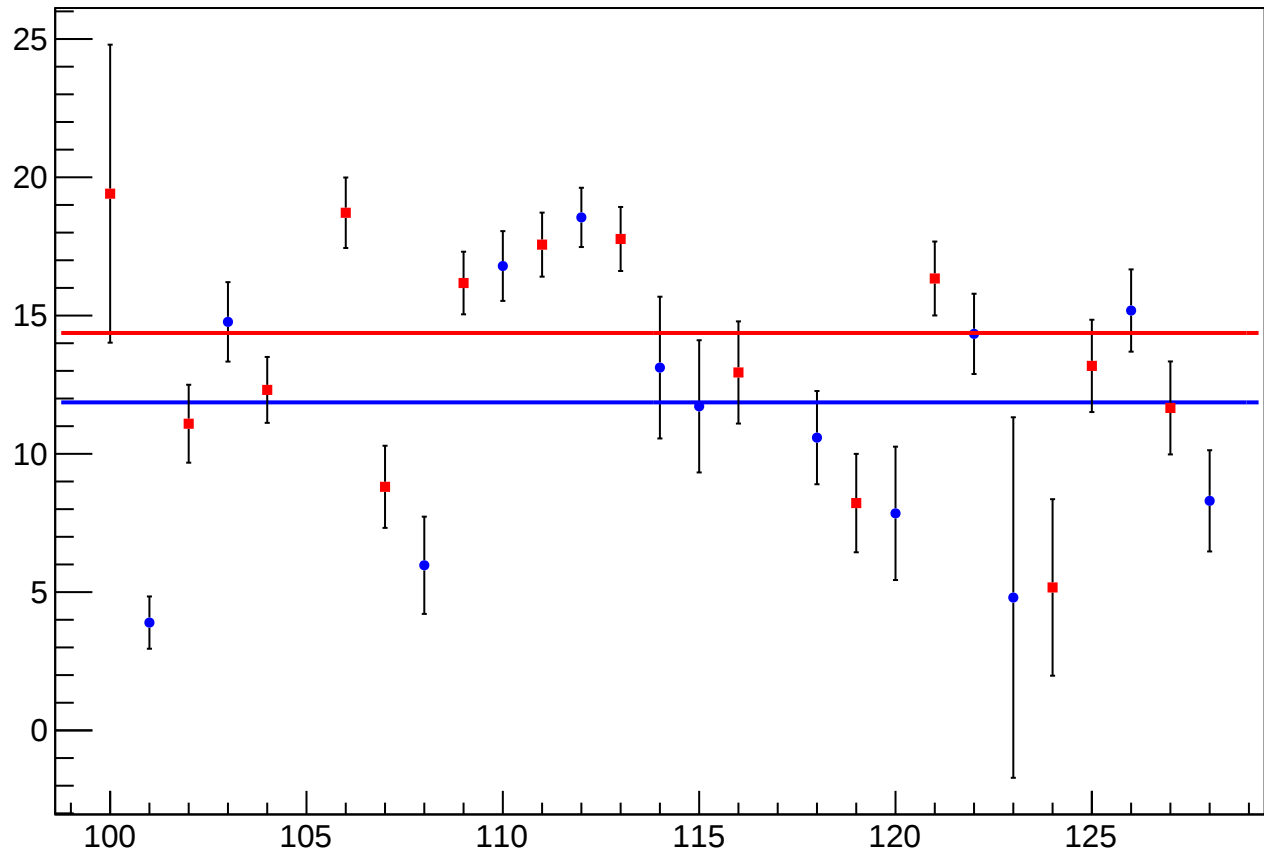
Right: -6.519 $\pm$ 0.160 χ^2 /NDF: 249.2/26

In: -6.051 $\pm$ 0.231 χ^2 /NDF:138.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -6.519 $\pm$ 0.160 χ^2 /NDF: 249.2/26

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.861+/-0.425 χ^2/NDF : 157.0/12

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

Right Out: 14.371+/-0.390 χ^2/NDF : 79.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

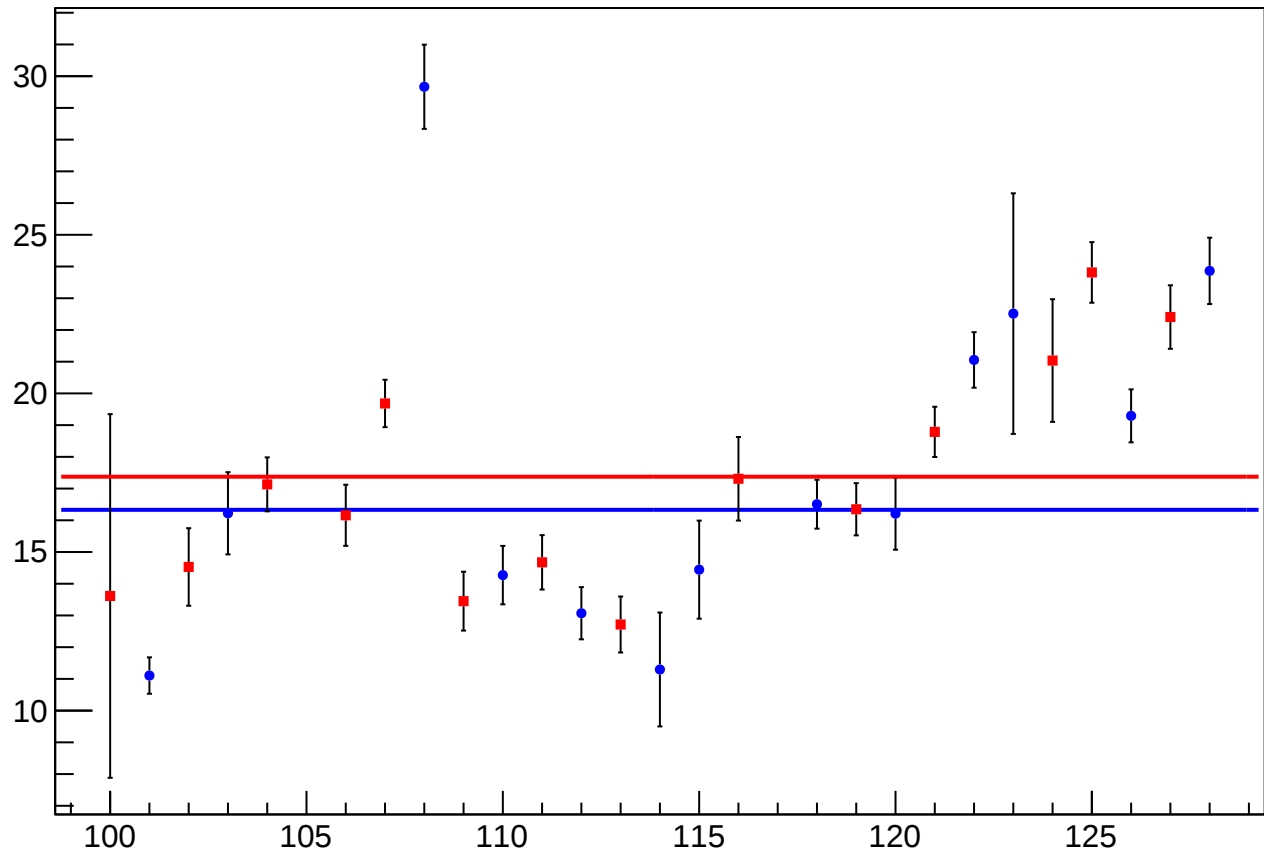
Right: 13.223+/-0.288 χ^2/NDF : 255.7/26

In: 11.861+/-0.425 χ^2/NDF : 157.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.223+/-0.288 χ^2/NDF : 255.7/26

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.330+/-0.270 χ^2/NDF : 310.1/12

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

Right Out: 17.374+/-0.260 χ^2/NDF : 151.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

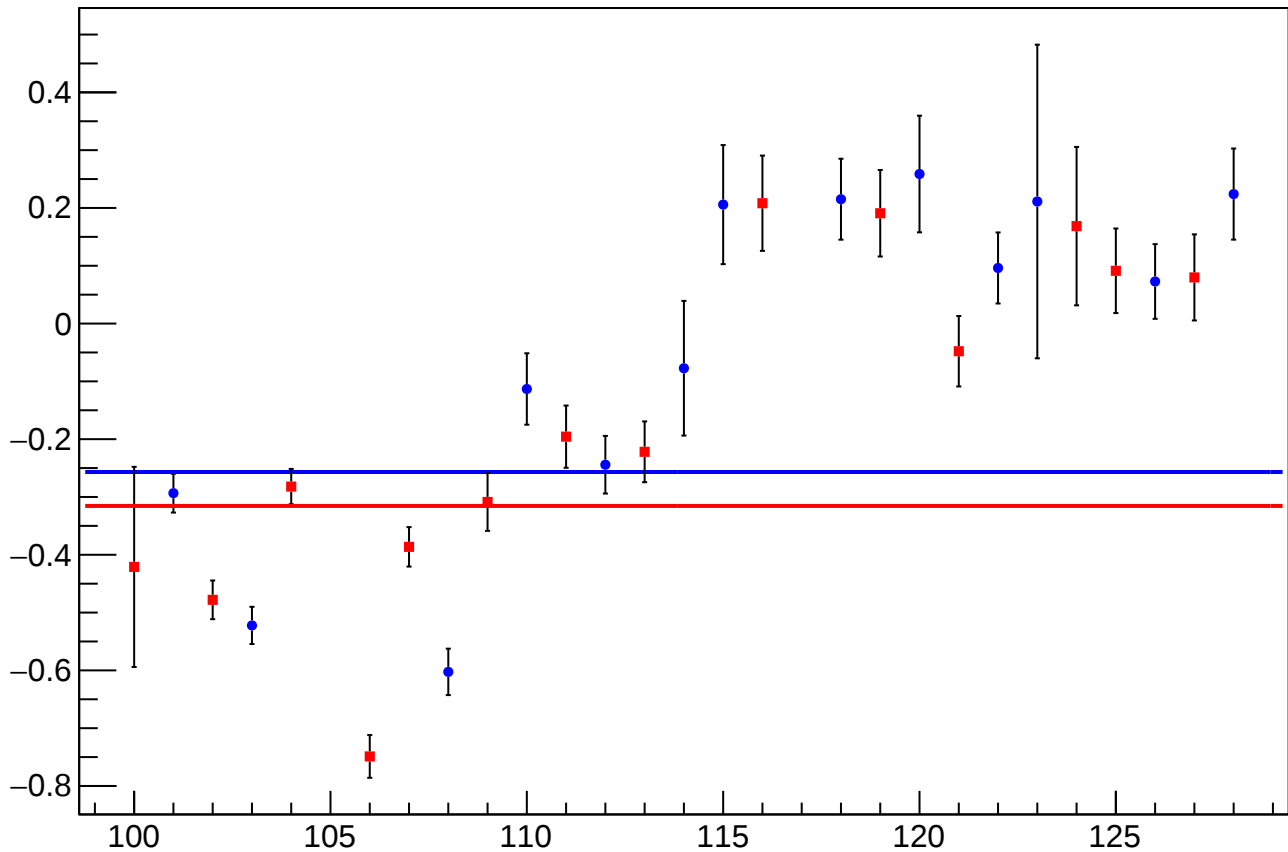
Right: 16.870+/-0.187 χ^2/NDF : 469.7/26

In: 16.330+/-0.270 χ^2/NDF : 310.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.870+/-0.187 χ^2/NDF : 469.7/26

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.257 $\pm$ 0.015 χ^2 /NDF: 342.0/12

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

Right Out: -0.316 $\pm$ 0.013 χ^2 /NDF: 352.1/13

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

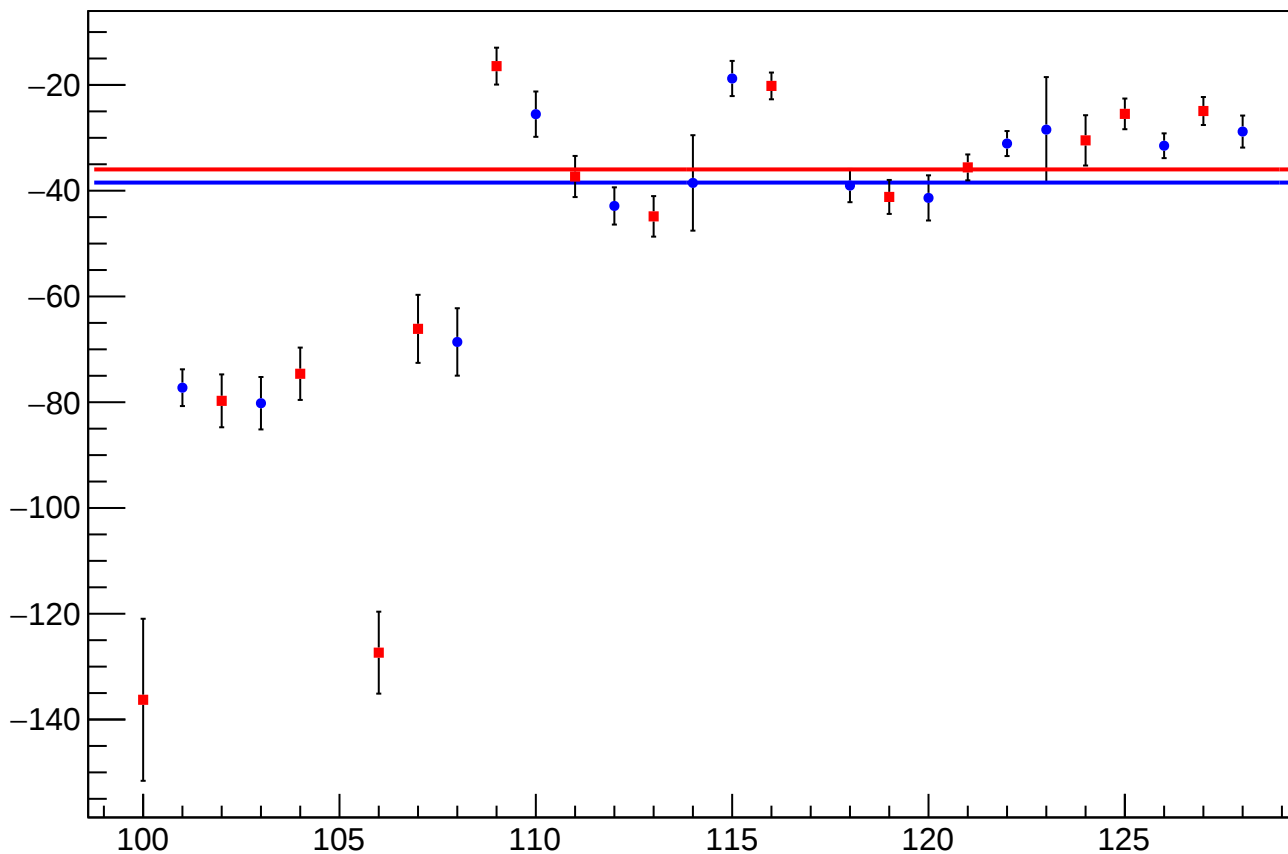
Right: -0.290 $\pm$ 0.010 χ^2 /NDF: 702.5/26

In: -0.257 $\pm$ 0.015 χ^2 /NDF:342.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.290 $\pm$ 0.010 χ^2 /NDF: 702.5/26

reg_asym_sam_26_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -38.464+/-0.989 χ^2/NDF : 293.8/12

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

Right Out: -35.976+/-0.968 χ^2/NDF : 451.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

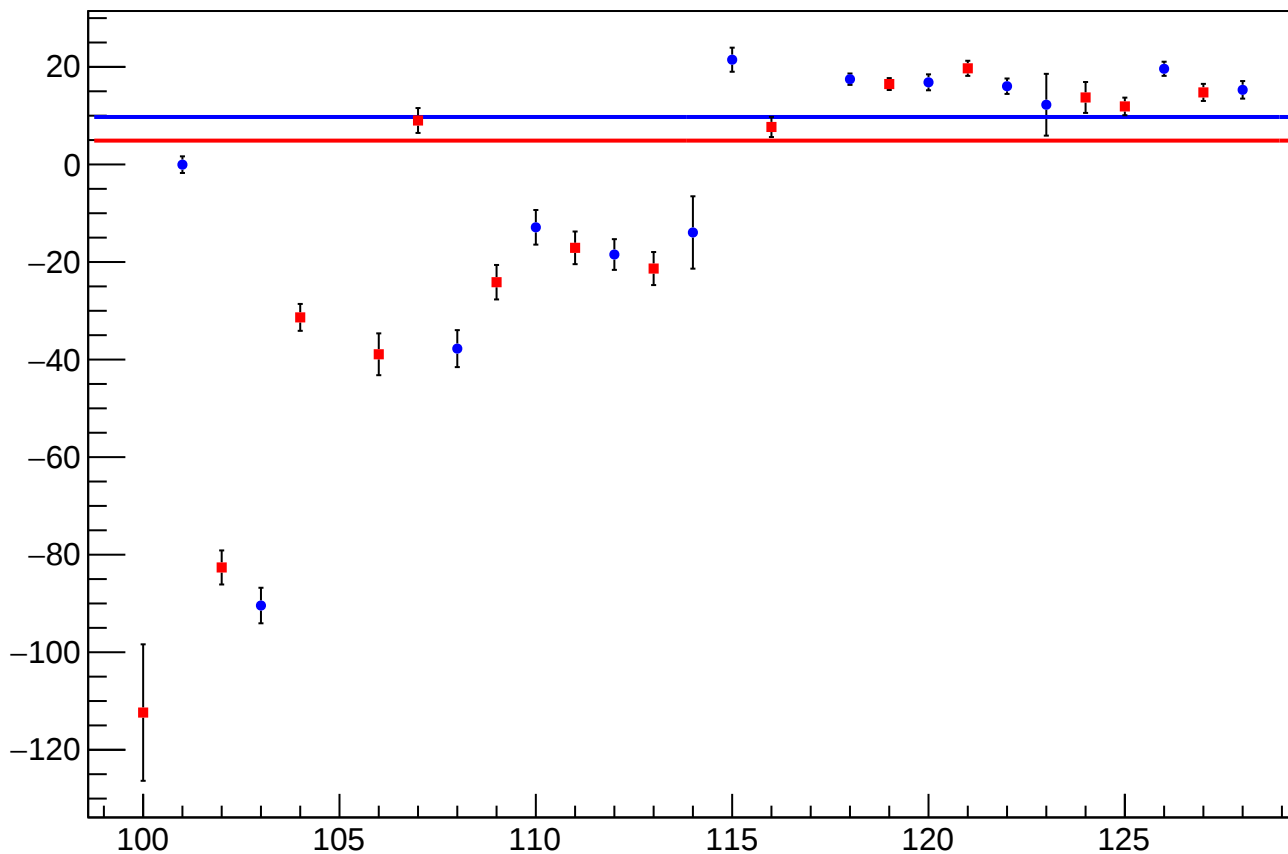
Right: -37.193+/-0.692 χ^2/NDF : 748.8/26

In: -38.464+/-0.989 χ^2/NDF : 293.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.193+/-0.692 χ^2/NDF : 748.8/26

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.732+/-0.562 χ^2/NDF : 1234.6/12

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

Right Out: 4.889+/-0.604 χ^2/NDF : 1387.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

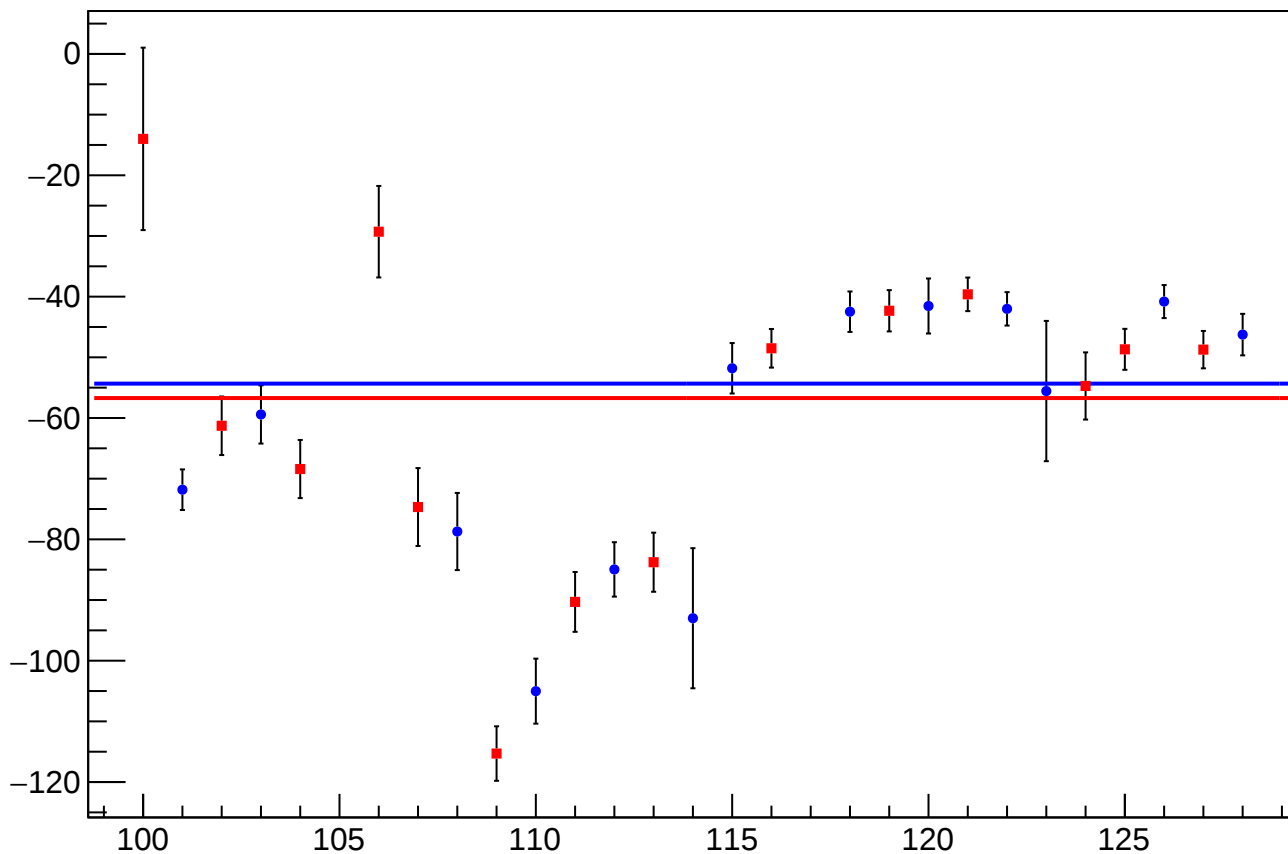
Right: 7.486+/-0.411 χ^2/NDF : 2656.9/26

In: 9.732+/-0.562 χ^2/NDF :1234.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7.486+/-0.411 χ^2/NDF : 2656.9/26

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.335 $\pm$ 1.114 χ^2/NDF : 261.7/12

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

Right Out: -56.714 $\pm$ 1.113 χ^2/NDF : 358.6/13

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

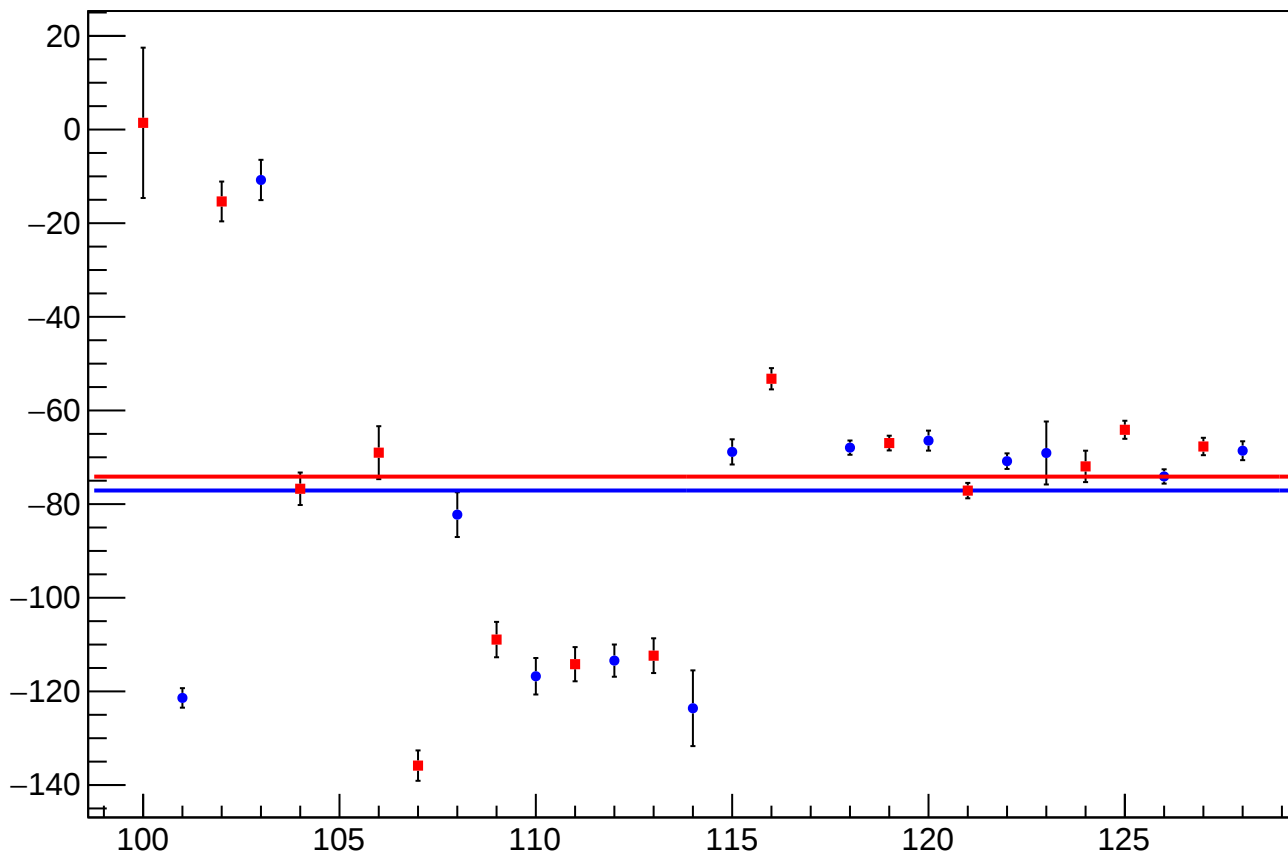
Right: -55.525 $\pm$ 0.787 χ^2/NDF : 622.6/26

In: -54.335 $\pm$ 1.114 χ^2/NDF : 261.7/12

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

All: -55.525 $\pm$ 0.787 χ^2/NDF : 622.6/26

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.093 ± 0.654 χ^2/NDF : 1046.6/12

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

Right Out: -74.126 ± 0.690 χ^2/NDF : 1036.3/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

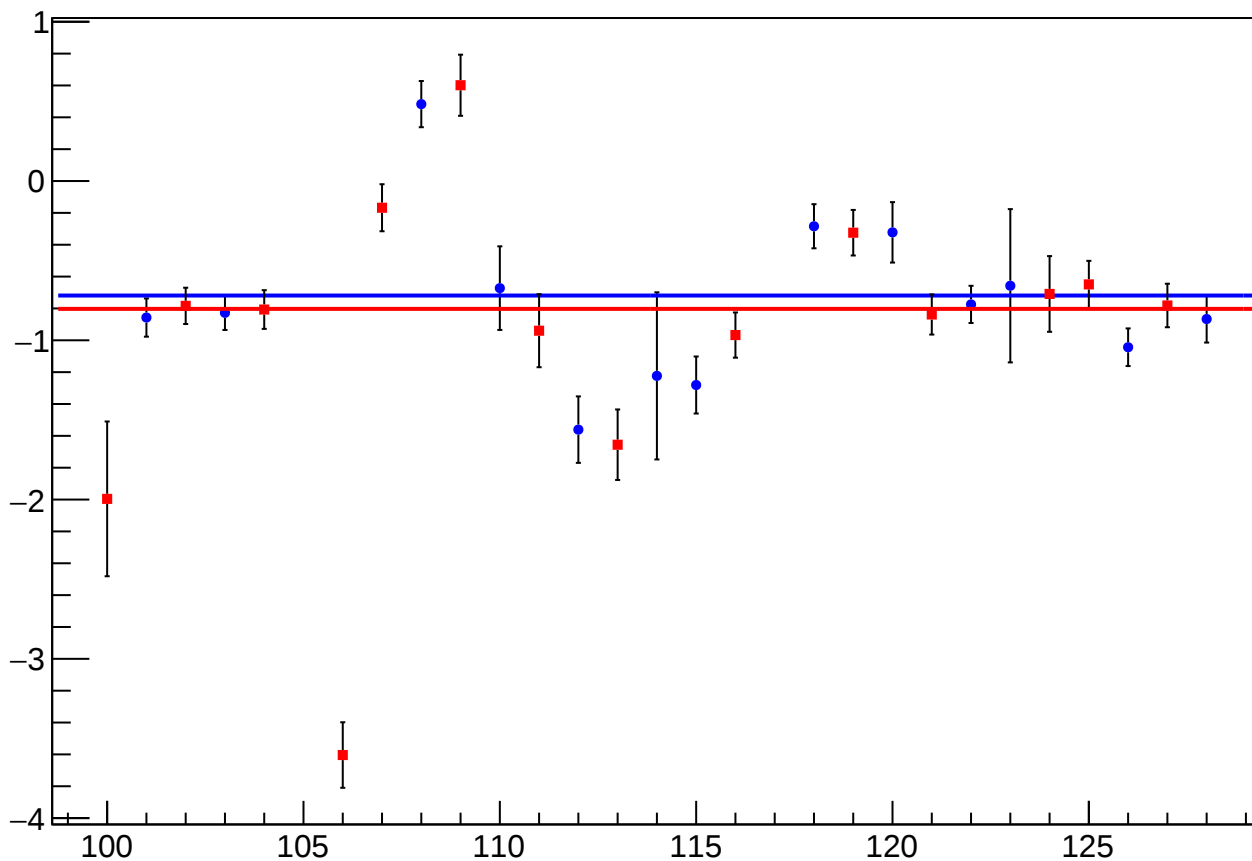
Right: -75.689 ± 0.475 χ^2/NDF : 2092.6/26

In: -77.093 ± 0.654 χ^2/NDF : 1046.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -75.689 ± 0.475 χ^2/NDF : 2092.6/26

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.719 ± 0.043 χ^2/NDF : 121.1/12

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

Right Out: -0.803 ± 0.042 χ^2/NDF : 292.5/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

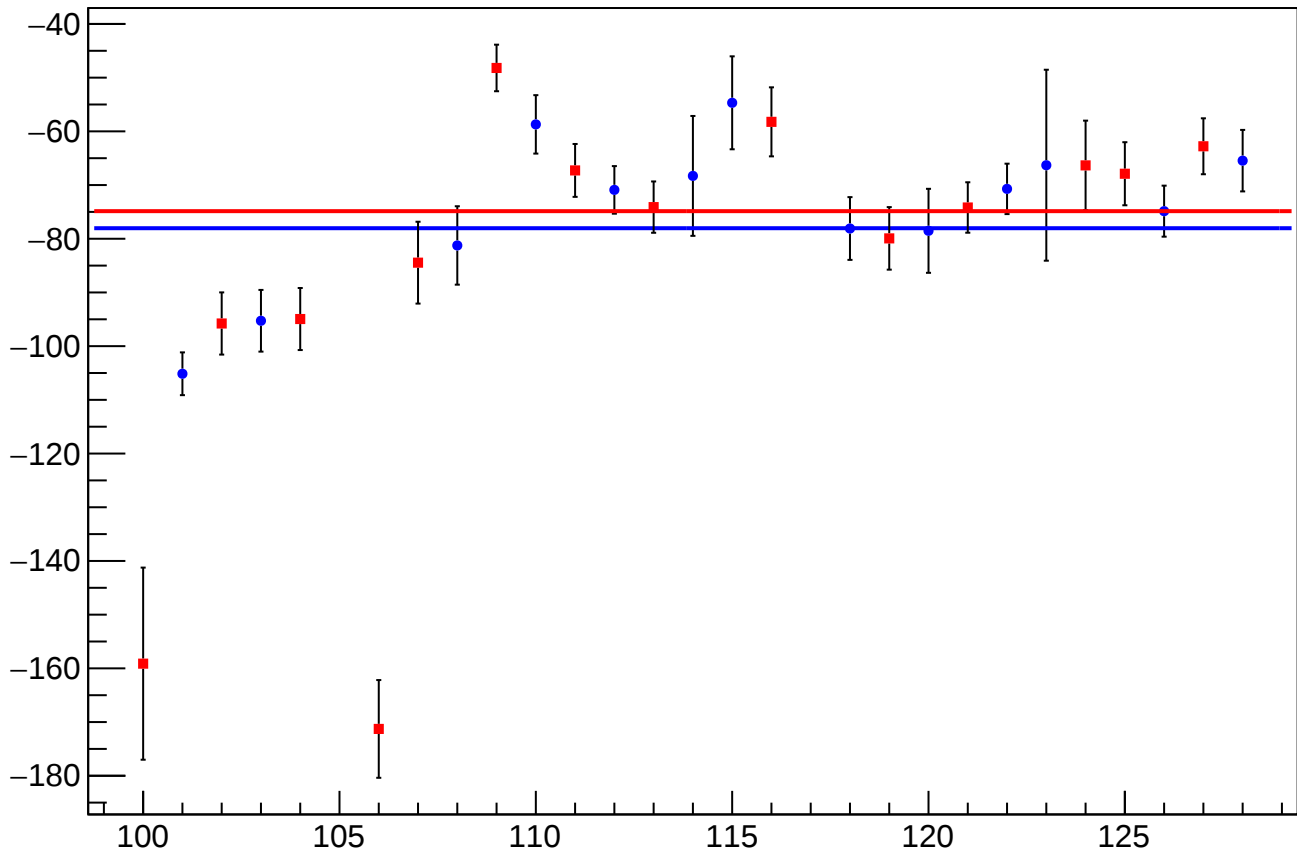
Right: -0.761 ± 0.030 χ^2/NDF : 415.6/26

In: -0.719 ± 0.043 χ^2/NDF : 121.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.761 ± 0.030 χ^2/NDF : 415.6/26

reg_asym_sam_26_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -78.037 $\pm$ 1.607 χ^2 /NDF: 86.9/12

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

Right Out: -74.861 $\pm$ 1.562 χ^2 /NDF: 216.7/13

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

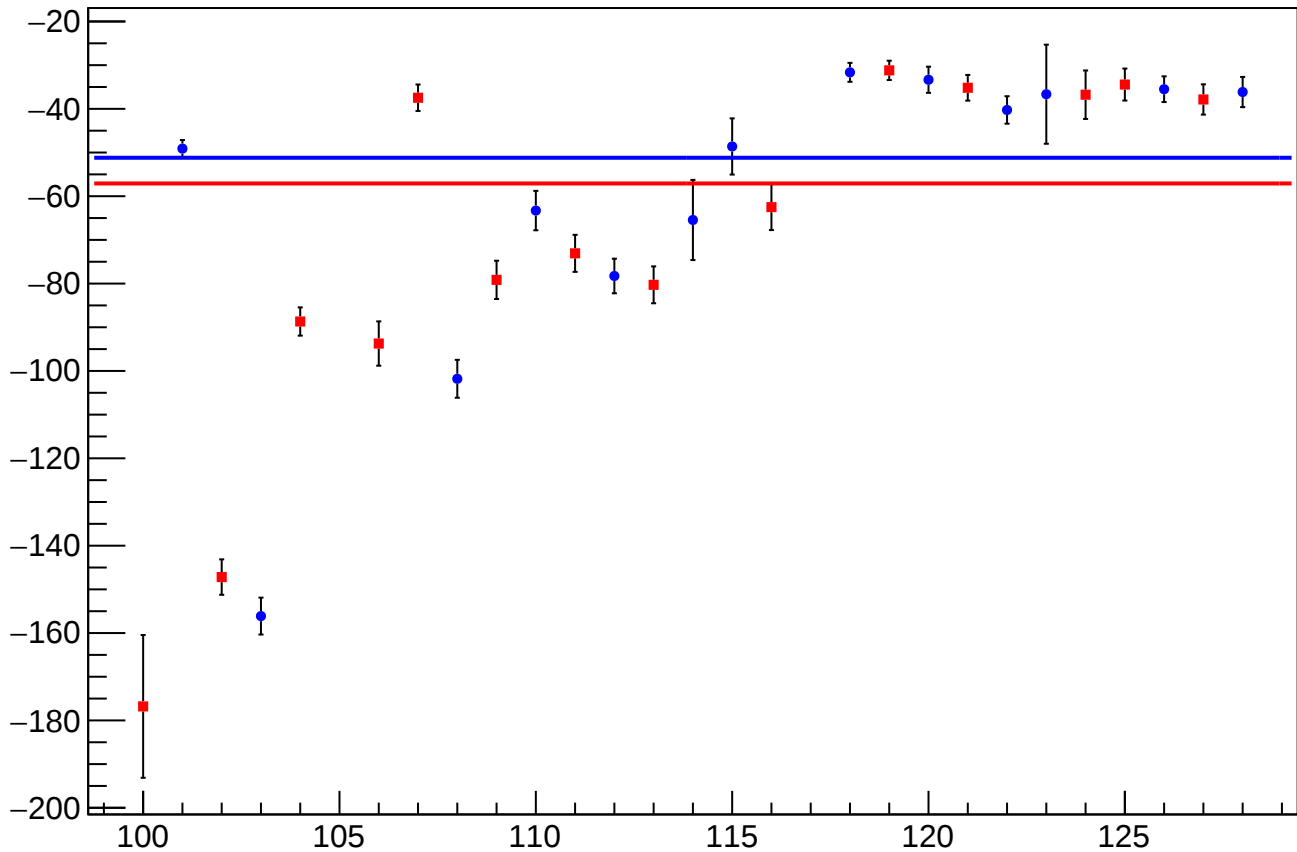
Right: -76.404 $\pm$ 1.120 χ^2 /NDF: 305.6/26

In: -78.037 $\pm$ 1.607 χ^2 /NDF:86.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -76.404 $\pm$ 1.120 χ^2 /NDF: 305.6/26

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -51.194+/-0.932 χ^2/NDF : 987.5/12

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

Right Out: -57.081+/-0.991 χ^2/NDF : 1082.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

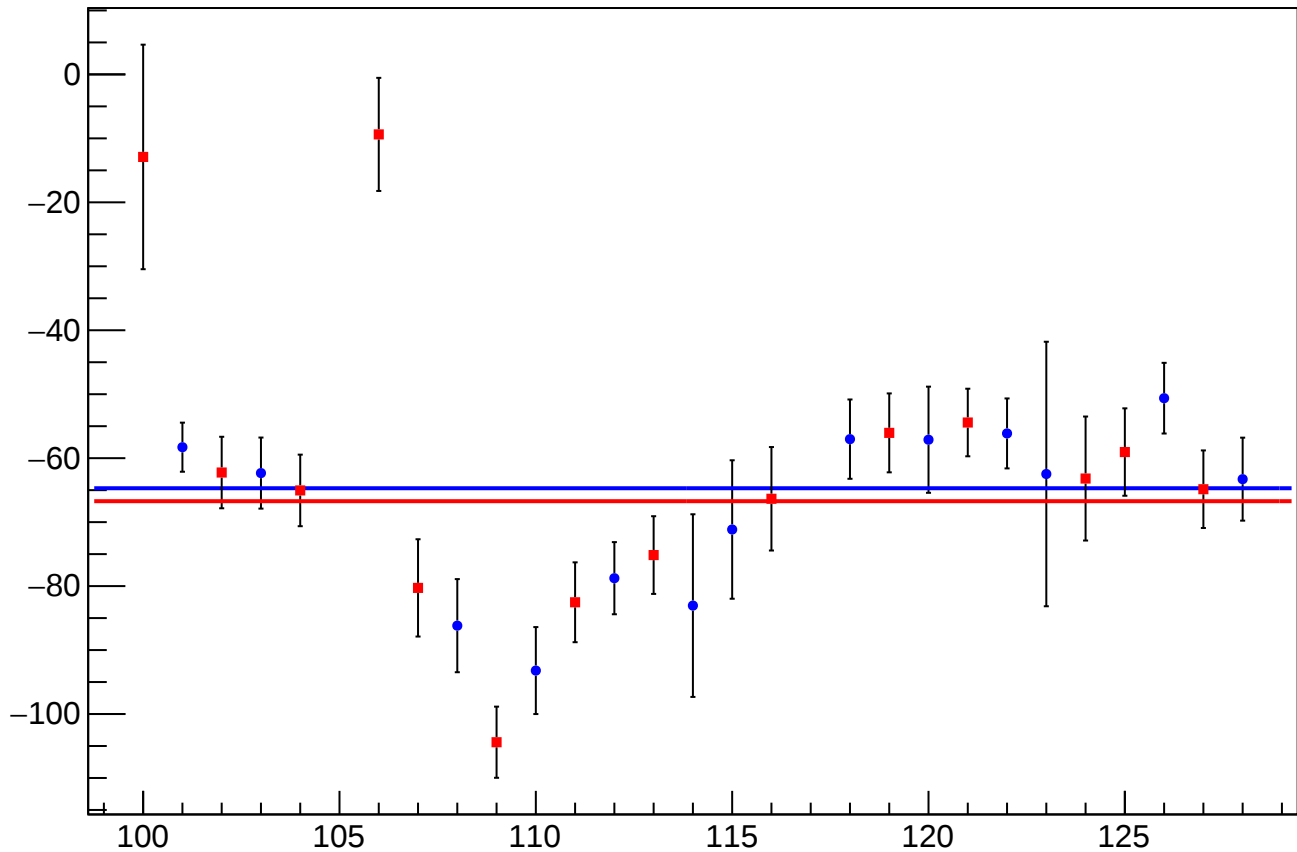
Right: -53.958+/-0.679 χ^2/NDF : 2088.9/26

In: -51.194+/-0.932 χ^2/NDF : 987.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.958+/-0.679 χ^2/NDF : 2088.9/26

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -64.701 ± 1.772 $\chi^2/\text{NDF}: 48.9/12$

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

Right Out: -66.725 ± 1.771 $\chi^2/\text{NDF}: 119.5/13$

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

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

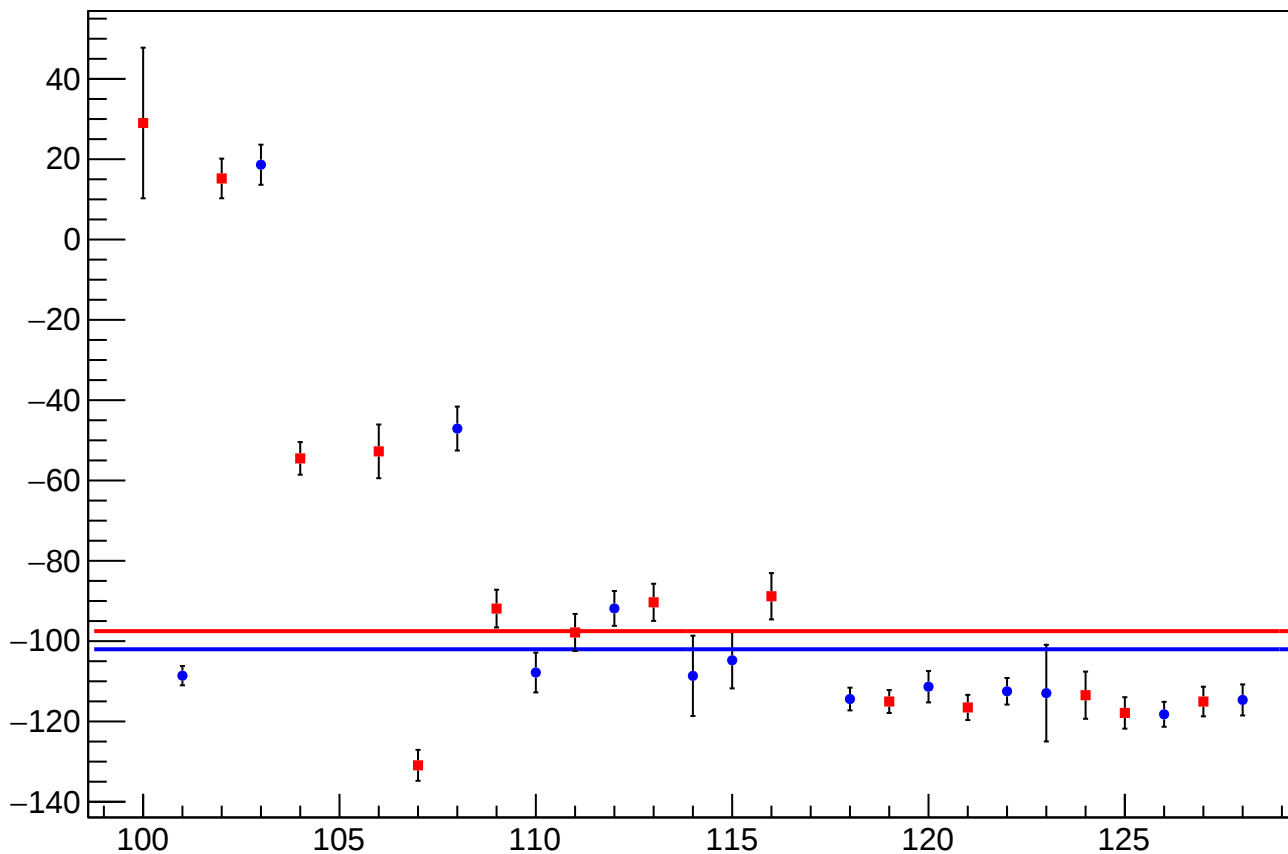
Right: -65.714 ± 1.252 $\chi^2/\text{NDF}: 169.0/26$

In: -64.701 ± 1.772 $\chi^2/\text{NDF}: 48.9/12$

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

All: -65.714 ± 1.252 $\chi^2/\text{NDF}: 169.0/26$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -102.023+/-1.096 χ^2/NDF : 773.6/12

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

Right Out: -97.506+/-1.151 χ^2/NDF : 936.6/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

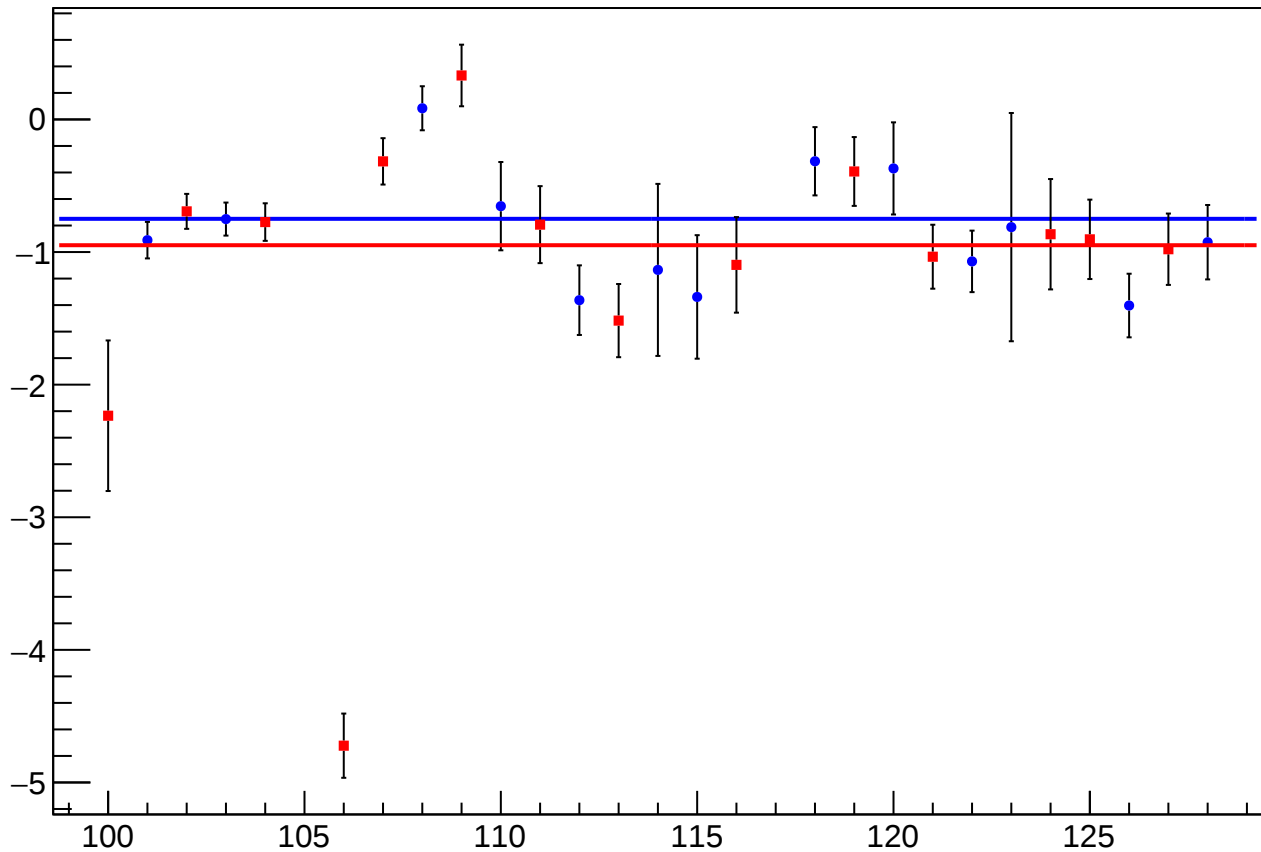
Right: -99.873+/-0.794 χ^2/NDF : 1718.2/26

In: -102.023+/-1.096 χ^2/NDF :773.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -99.873+/-0.794 χ^2/NDF : 1718.2/26

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.749 ± 0.062 $\chi^2/\text{NDF}: 47.9/12$

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

Right Out: -0.948 ± 0.060 $\chi^2/\text{NDF}: 306.2/13$

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

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

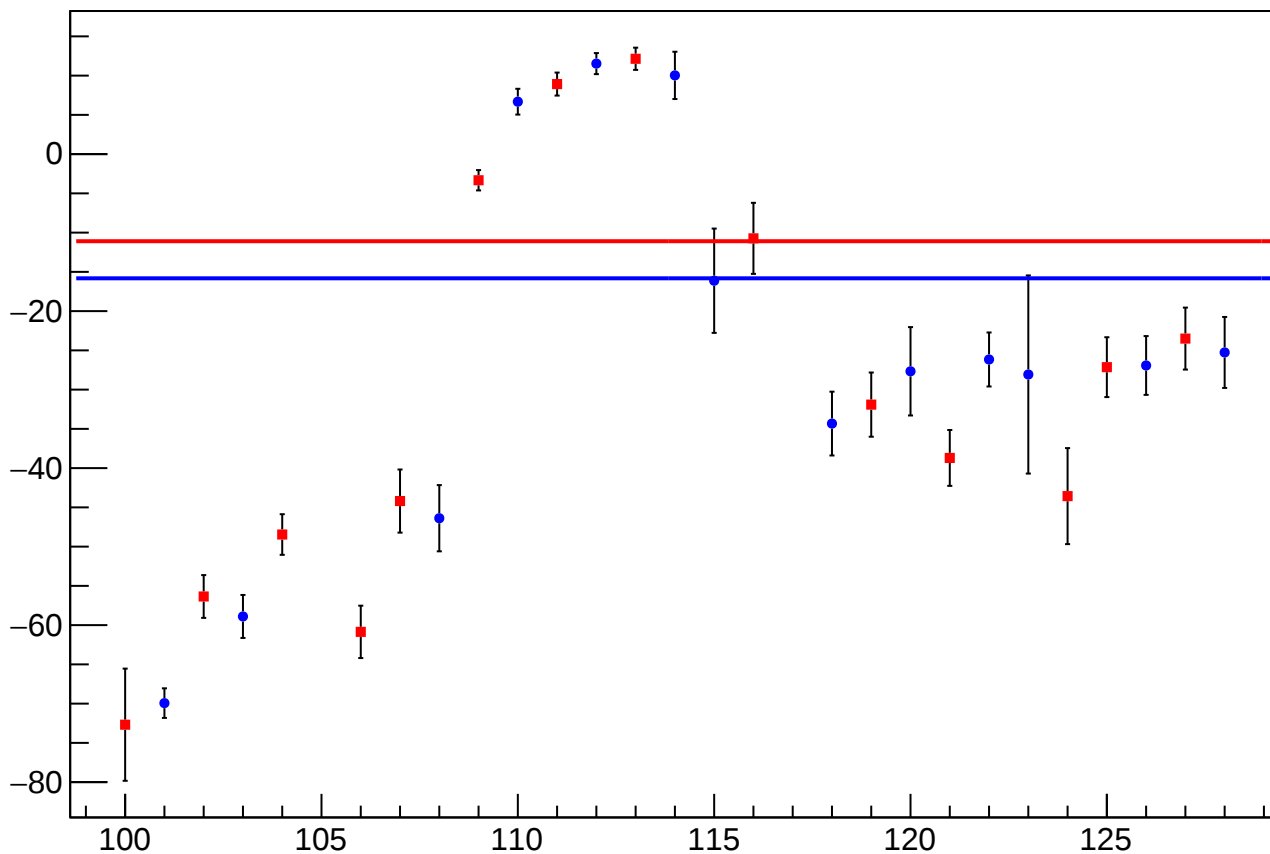
Right: -0.852 ± 0.043 $\chi^2/\text{NDF}: 359.3/26$

In: -0.749 ± 0.062 $\chi^2/\text{NDF}: 47.9/12$

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

All: -0.852 ± 0.043 $\chi^2/\text{NDF}: 359.3/26$

reg_asym_sam_48_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -15.821+/-0.739 χ^2/NDF : 1848.8/12

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

Right Out: -11.095+/-0.650 χ^2/NDF : 1483.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

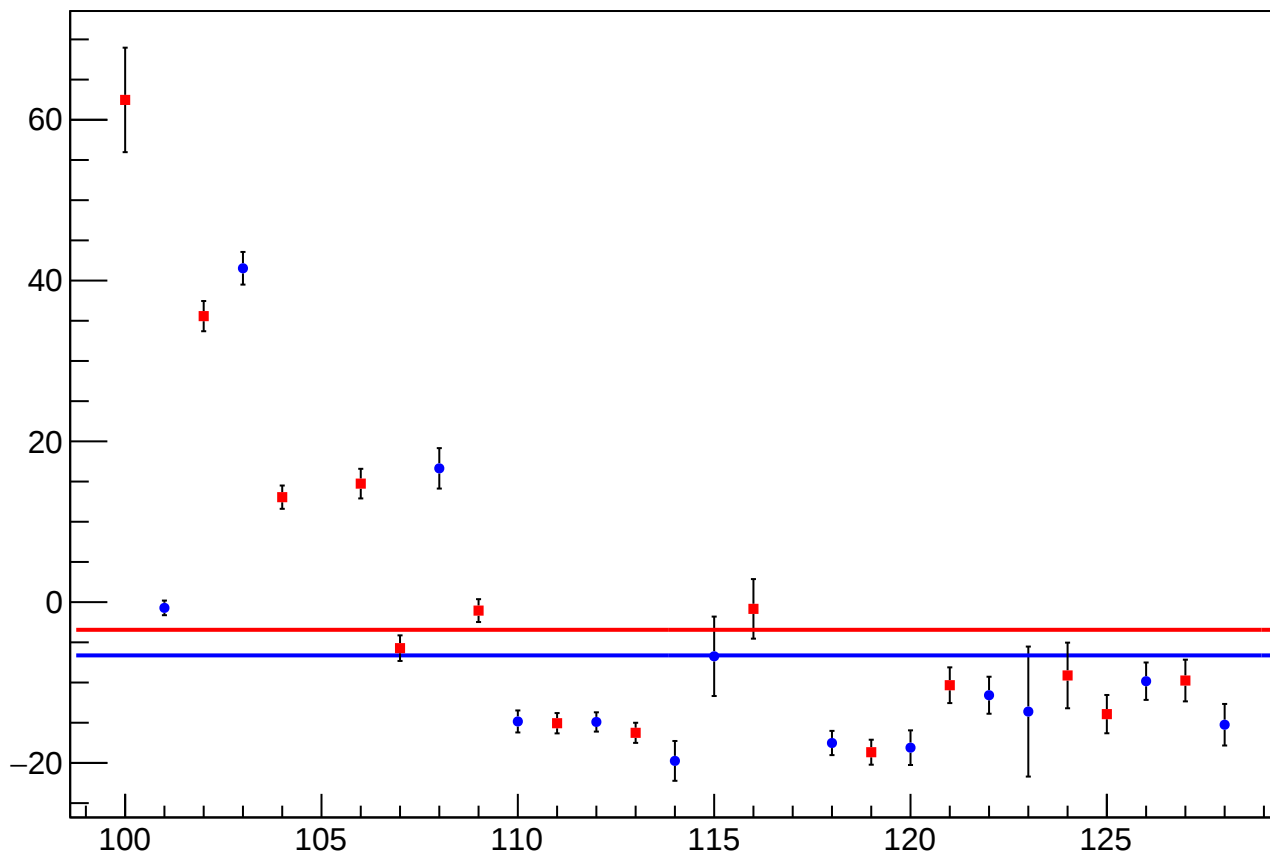
Right: -13.159+/-0.488 χ^2/NDF : 3355.2/26

In: -15.821+/-0.739 χ^2/NDF : 1848.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.159+/-0.488 χ^2/NDF : 3355.2/26

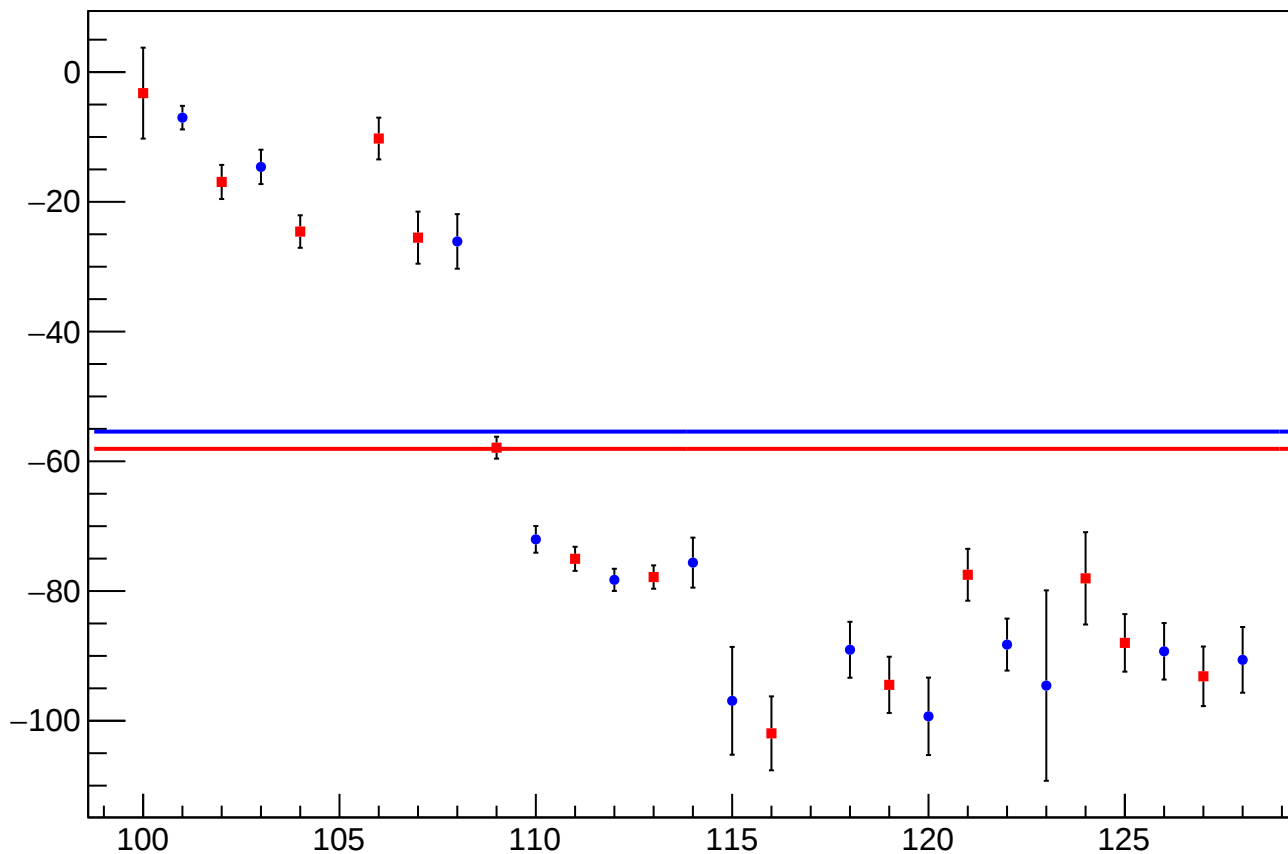
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.625 ± 0.486 χ^2/NDF : 900.3/12
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -3.442 ± 0.482 χ^2/NDF : 1088.9/13
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -5.020 ± 0.342 χ^2/NDF : 2010.9/26
 In: -6.625 ± 0.486 χ^2/NDF : 900.3/12
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -5.020 ± 0.342 χ^2/NDF : 2010.9/26

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -55.420+/-0.844 χ^2/NDF : 1590.4/12

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

Right Out: -58.079+/-0.768 χ^2/NDF : 1240.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

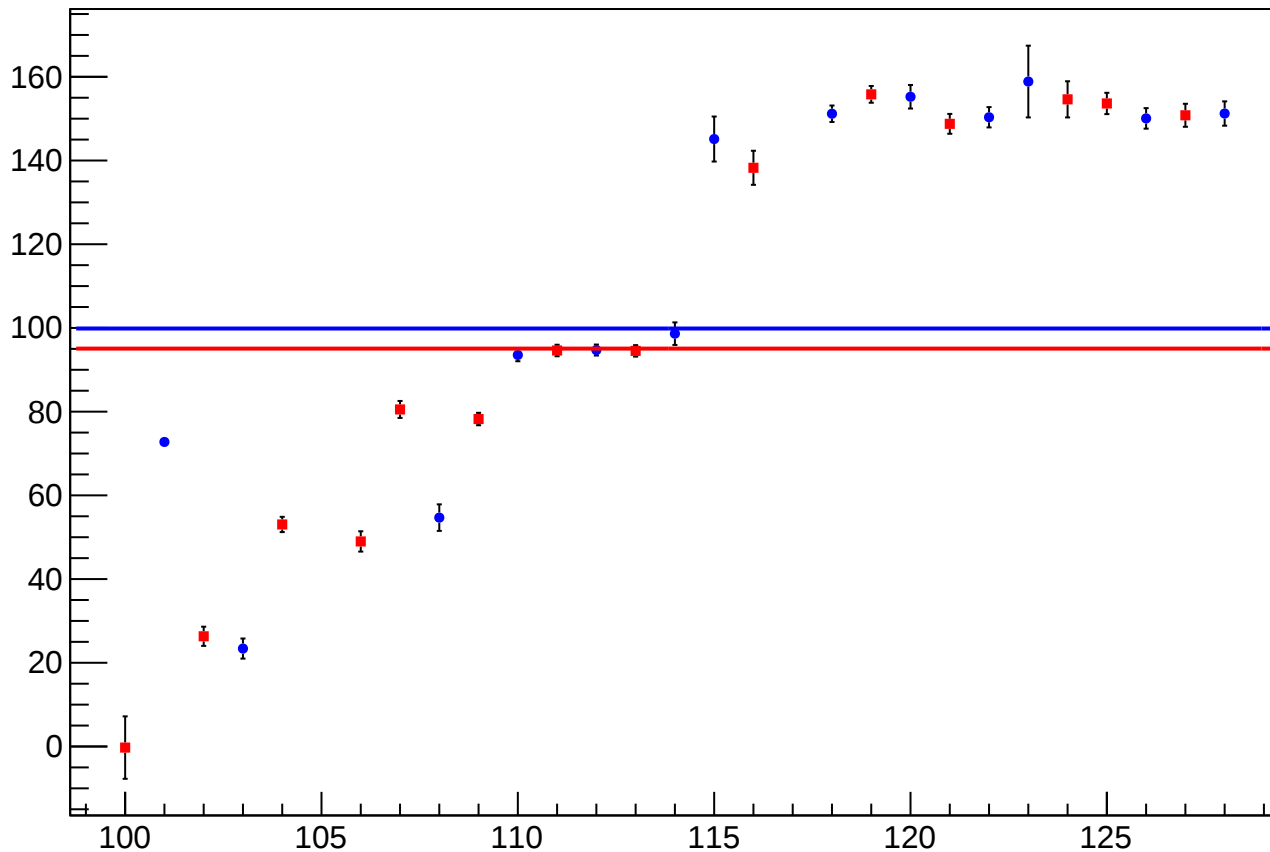
Right: -56.875+/-0.568 χ^2/NDF : 2836.0/26

In: -55.420+/-0.844 χ^2/NDF : 1590.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.875+/-0.568 χ^2/NDF : 2836.0/26

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 99.862+/-0.565 χ^2/NDF : 4198.4/12

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

Right Out: 95.064+/-0.554 χ^2/NDF : 4807.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

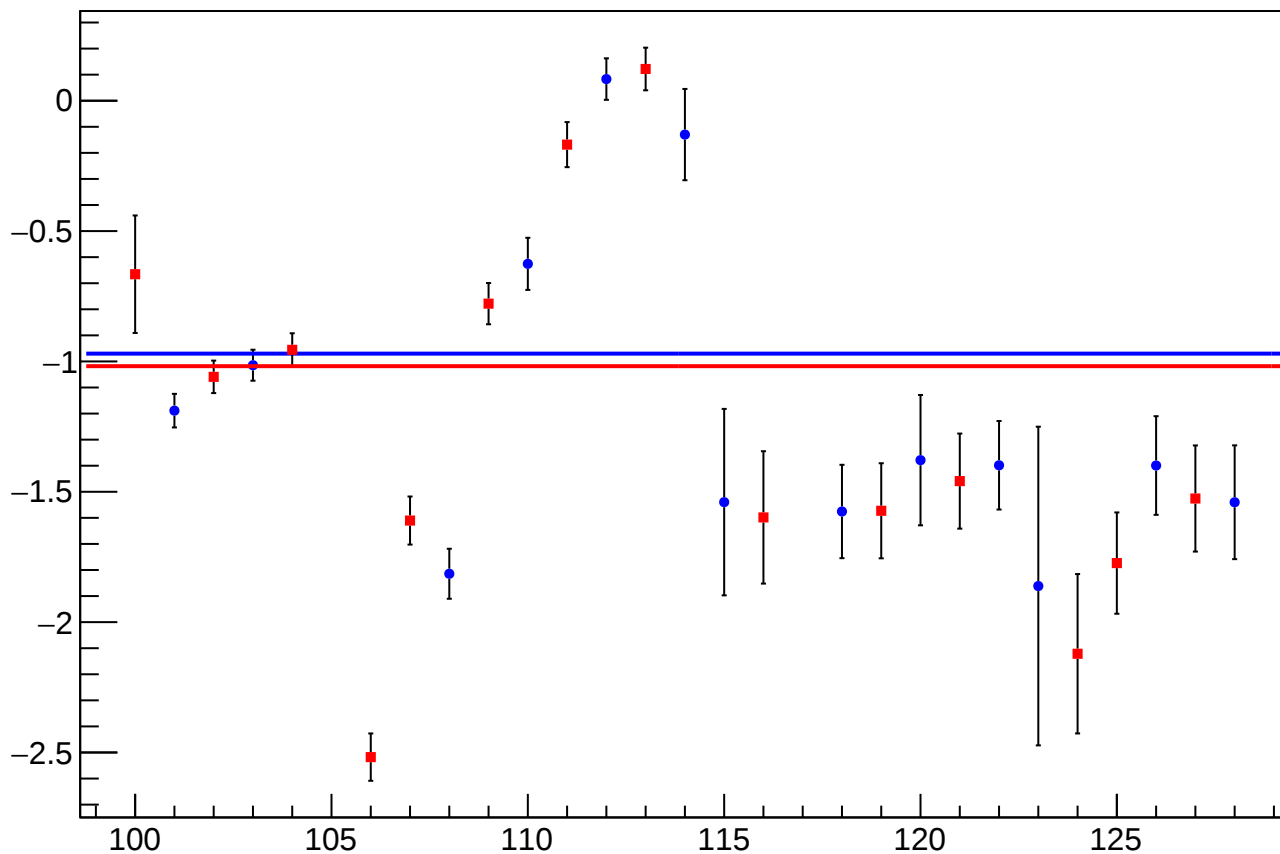
Right: 97.415+/-0.395 χ^2/NDF : 9043.0/26

In: 99.862+/-0.565 χ^2/NDF : 4198.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.415+/-0.395 χ^2/NDF : 9043.0/26

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.970 ± 0.031 χ^2/NDF : 336.8/12

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

Right Out: -1.018 ± 0.027 χ^2/NDF : 672.6/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

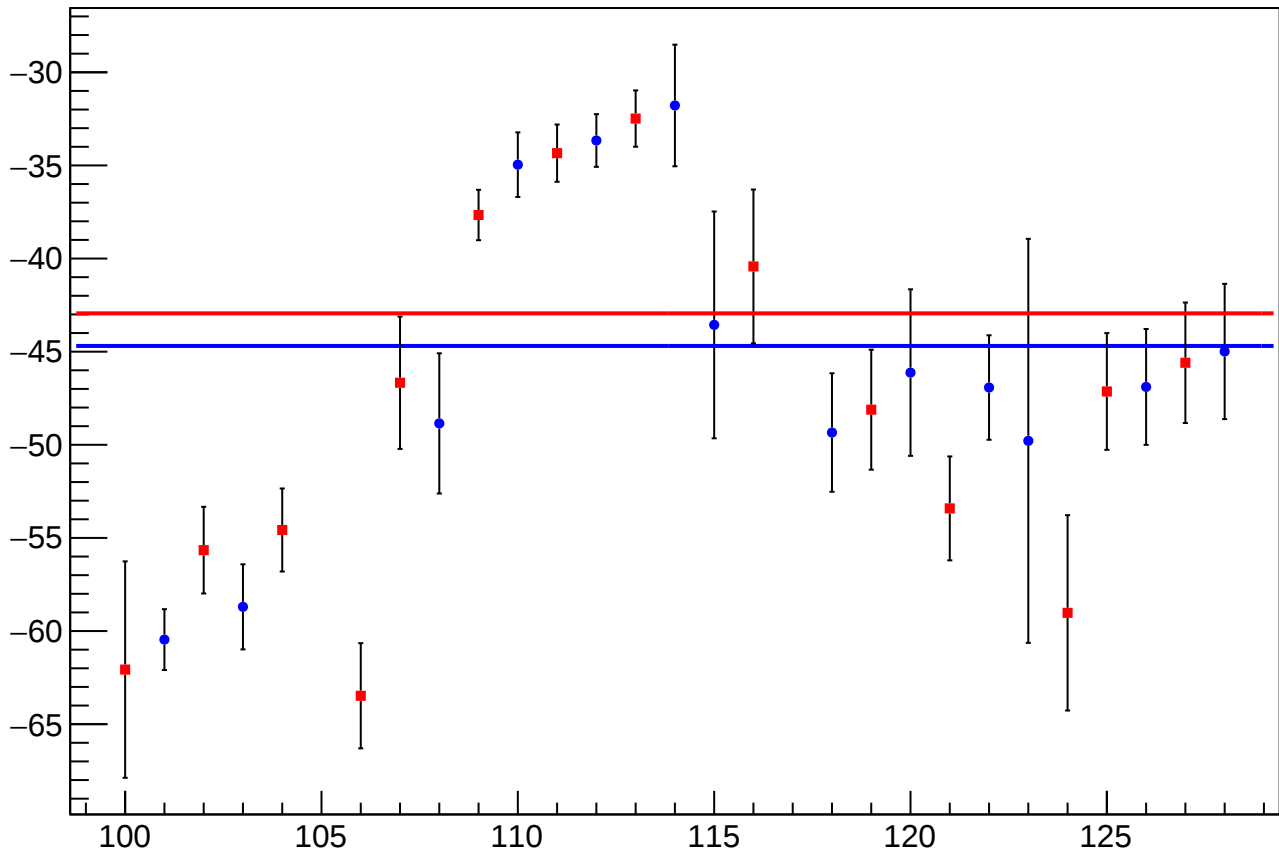
Right: -0.997 ± 0.020 χ^2/NDF : 1010.8/26

In: -0.970 ± 0.031 χ^2/NDF : 336.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.997 ± 0.020 χ^2/NDF : 1010.8/26

reg_asym_sam_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -44.692 $\pm$ 0.698 χ^2 /NDF: 243.6/12

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

Right Out: -42.942 $\pm$ 0.627 χ^2 /NDF: 245.1/13

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

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

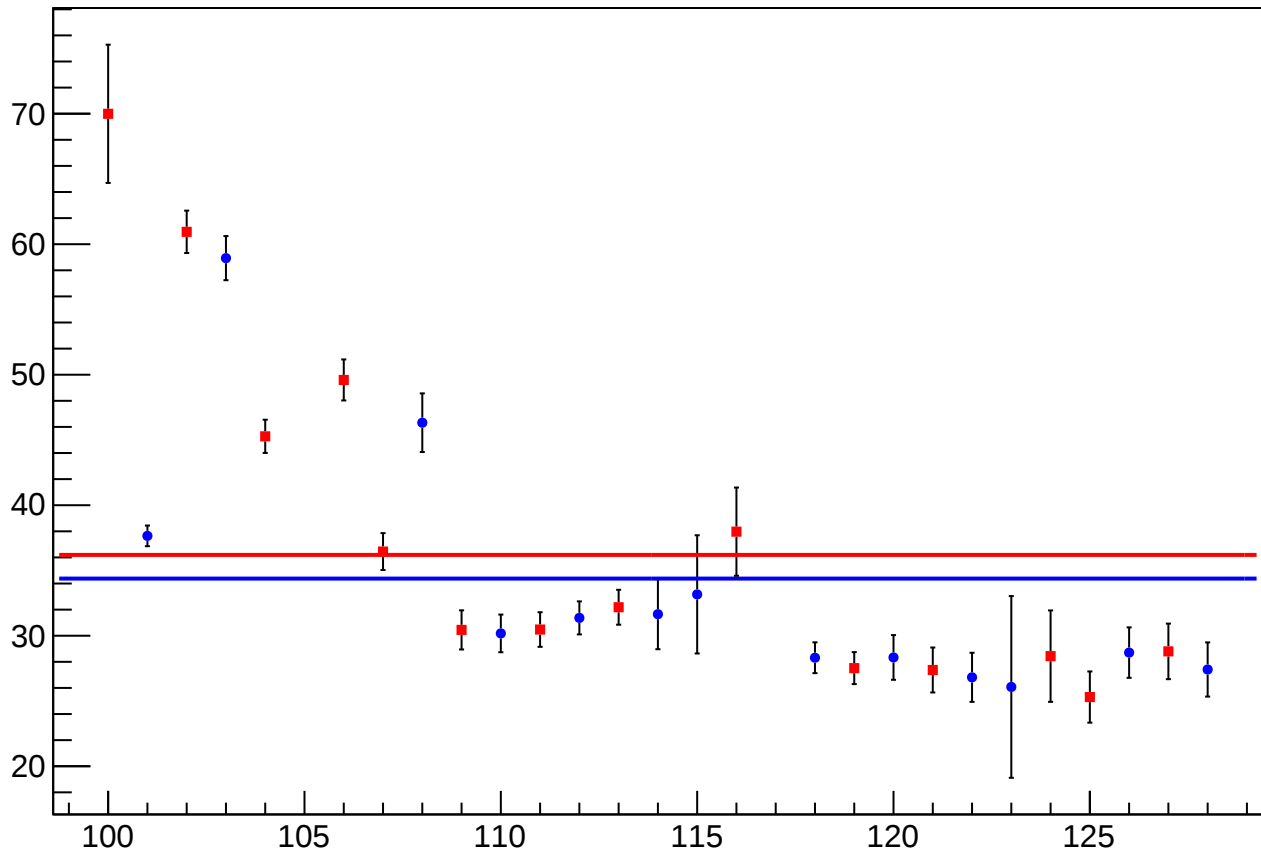
Right: -43.724 $\pm$ 0.466 χ^2 /NDF: 492.2/26

In: -44.692 $\pm$ 0.698 χ^2 /NDF:243.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -43.724 $\pm$ 0.466 χ^2 /NDF: 492.2/26

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 34.379+/-0.434 χ^2/NDF : 347.9/12

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

Right Out: 36.194+/-0.440 χ^2/NDF : 563.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

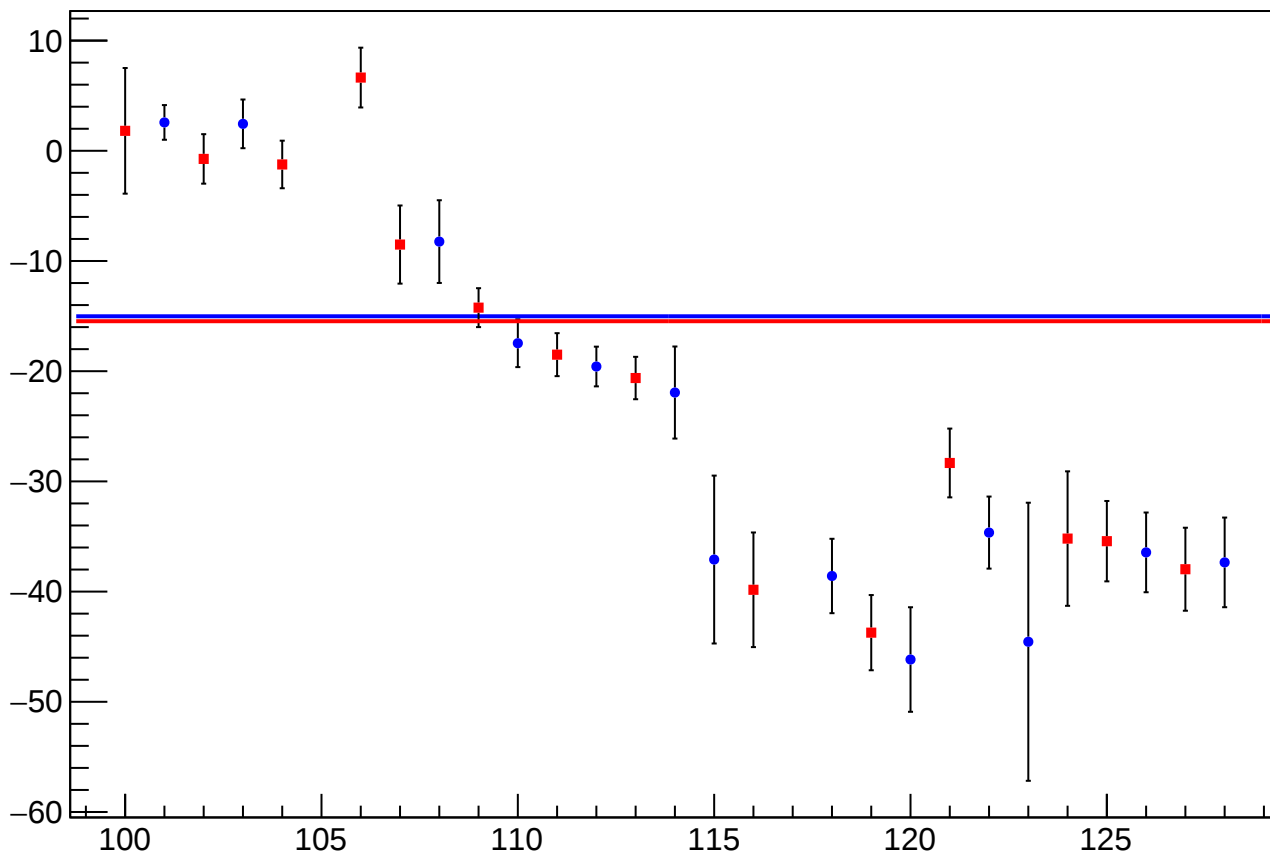
Right: 35.274+/-0.309 χ^2/NDF : 919.9/26

In: 34.379+/-0.434 χ^2/NDF : 347.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.274+/-0.309 χ^2/NDF : 919.9/26

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -15.017 $\pm$ 0.780 χ^2 /NDF: 408.1/12

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

Right Out: -15.464 $\pm$ 0.723 χ^2 /NDF: 359.6/13

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

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

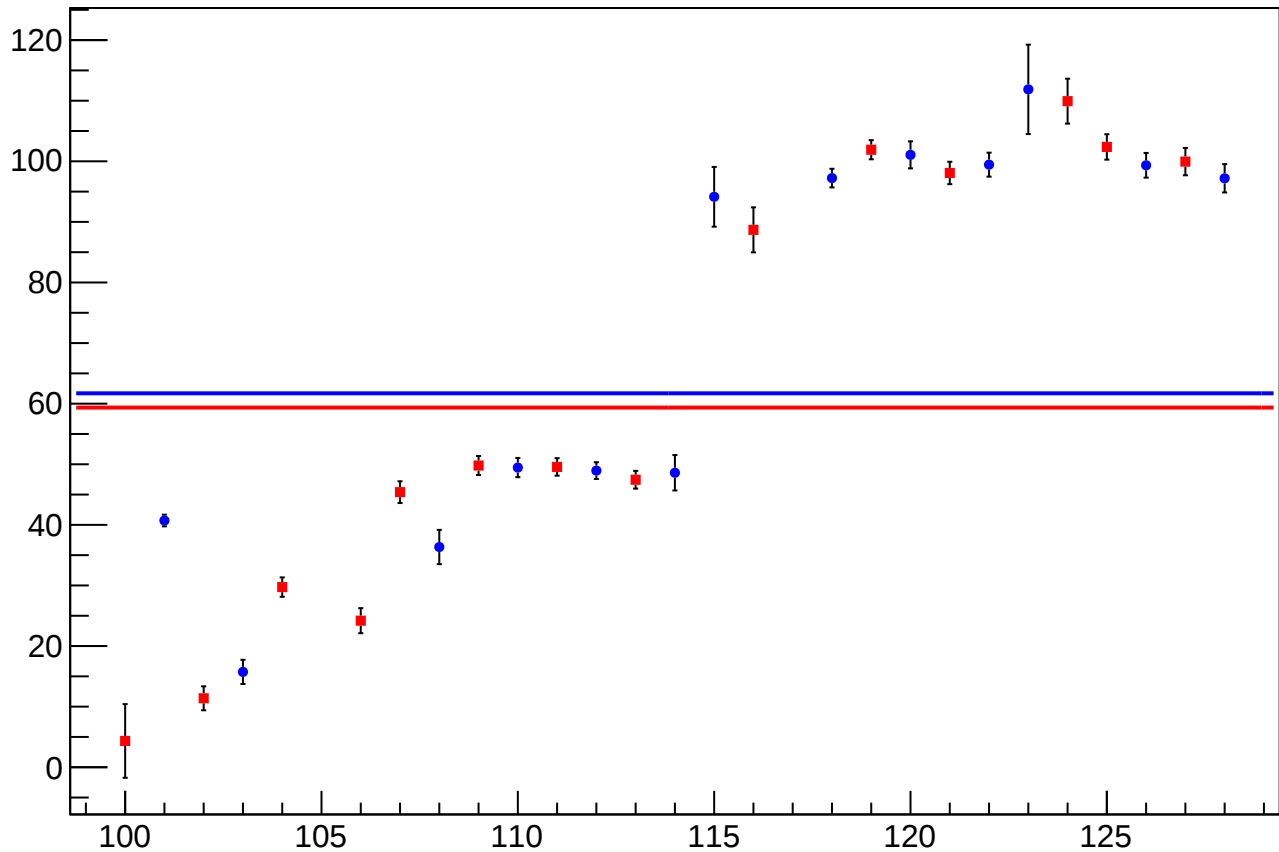
Right: -15.258 $\pm$ 0.530 χ^2 /NDF: 767.9/26

In: -15.017 $\pm$ 0.780 χ^2 /NDF:408.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -15.258 $\pm$ 0.530 χ^2 /NDF: 767.9/26

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 61.708+/-0.510 χ^2/NDF : 3116.7/12

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

Right Out: 59.355+/-0.511 χ^2/NDF : 3674.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

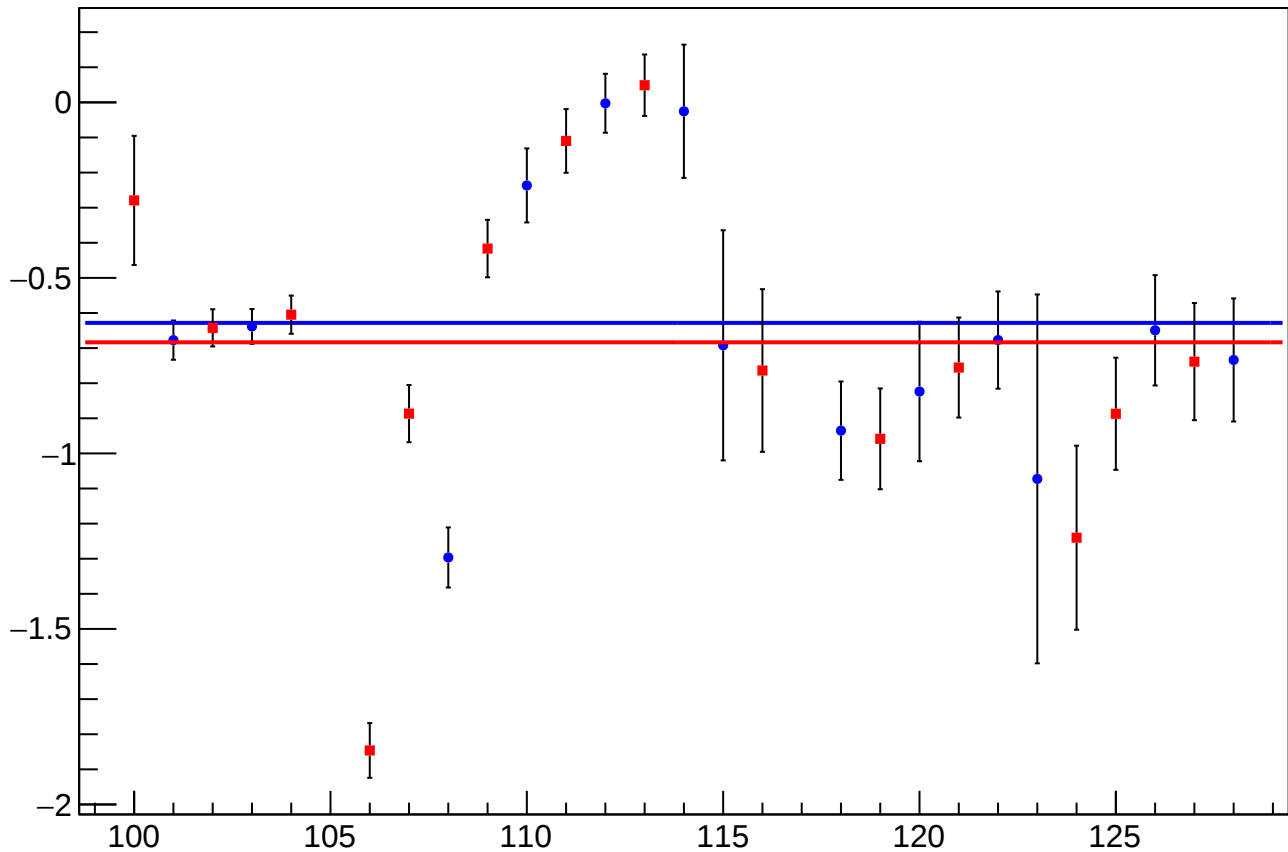
Right: 60.534+/-0.361 χ^2/NDF : 6801.6/26

In: 61.708+/-0.510 χ^2/NDF : 3116.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.534+/-0.361 χ^2/NDF : 6801.6/26

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.628+/-0.027 χ^2/NDF : 148.2/12

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

Right Out: -0.684+/-0.025 χ^2/NDF : 367.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

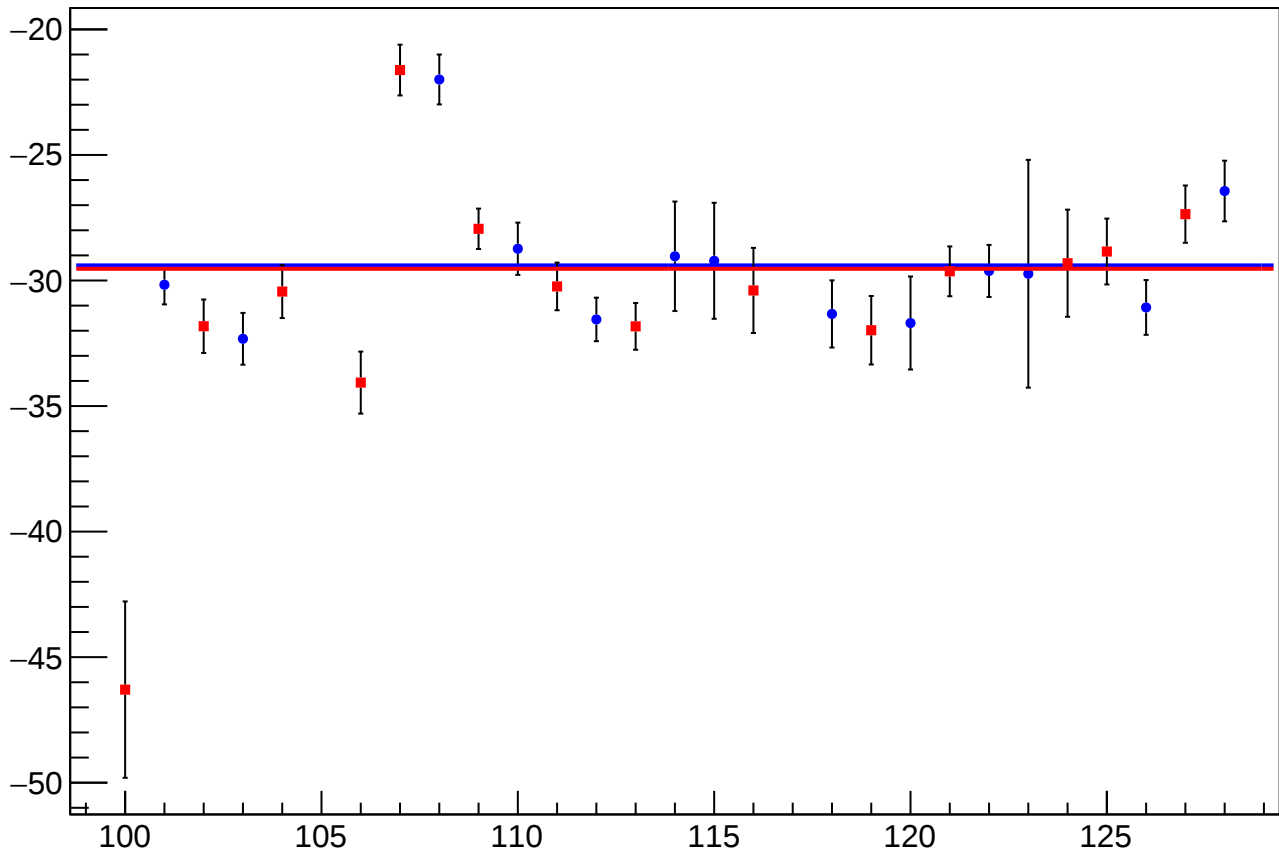
Right: -0.659+/-0.018 χ^2/NDF : 517.9/26

In: -0.628+/-0.027 χ^2/NDF :148.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.659+/-0.018 χ^2/NDF : 517.9/26

reg_asym_sam_13_57_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -29.399 $\pm$ 0.323 χ^2 /NDF: 83.2/12

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

Right Out: -29.532 $\pm$ 0.305 χ^2 /NDF: 120.8/13

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

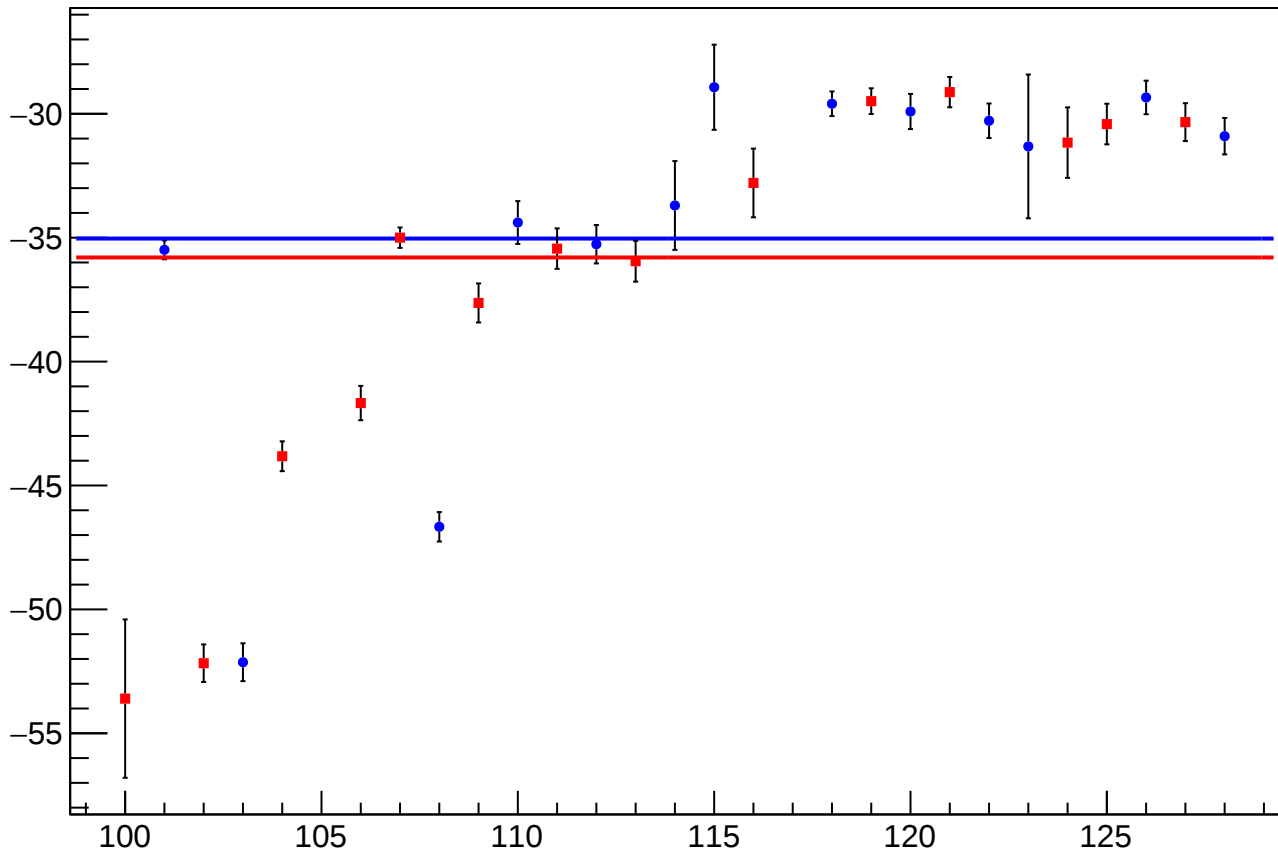
Right: -29.469 $\pm$ 0.222 χ^2 /NDF: 204.1/26

In: -29.399 $\pm$ 0.323 χ^2 /NDF:83.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -29.469 $\pm$ 0.222 χ^2 /NDF: 204.1/26

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -35.035 ± 0.191 χ^2/NDF : 1223.5/12

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

Right Out: -35.798 ± 0.190 χ^2/NDF : 1131.9/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

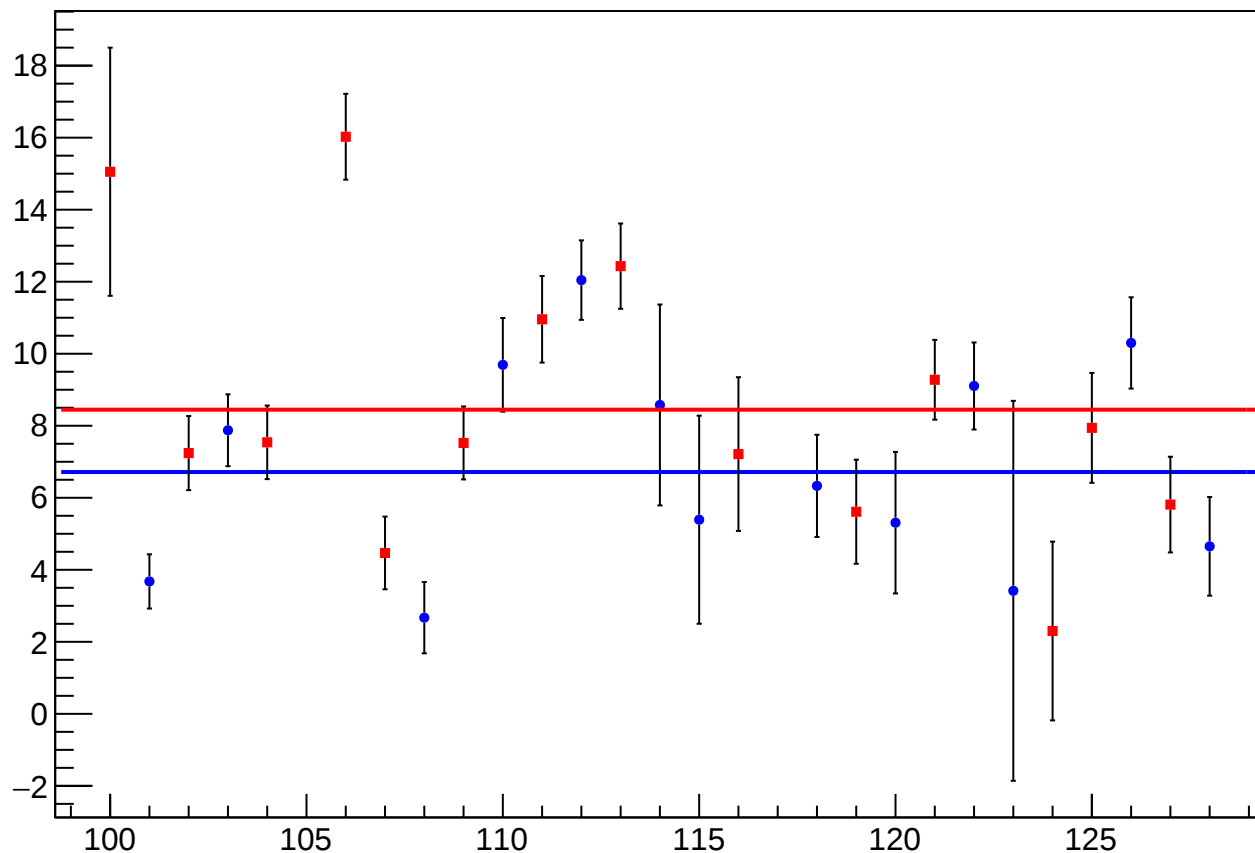
Right: -35.419 ± 0.135 χ^2/NDF : 2363.4/26

In: -35.035 ± 0.191 χ^2/NDF : 1223.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.419 ± 0.135 χ^2/NDF : 2363.4/26

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.715+/-0.352 χ^2/NDF : 78.7/12

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

Right Out: 8.446+/-0.339 χ^2/NDF : 93.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

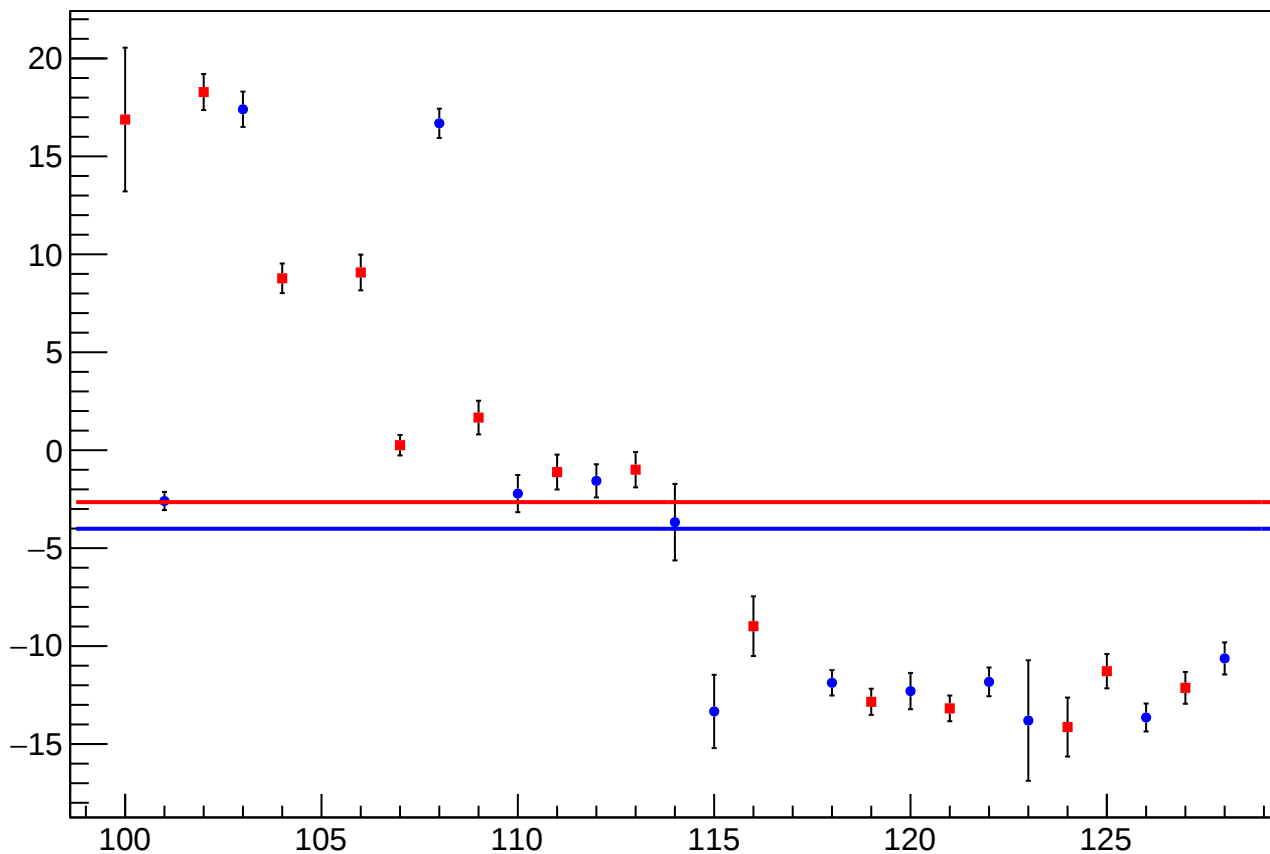
Right: 7.614+/-0.244 χ^2/NDF : 184.5/26

In: 6.715+/-0.352 χ^2/NDF : 78.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.614+/-0.244 χ^2/NDF : 184.5/26

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.010 $\pm$ 0.225 χ^2 /NDF: 1975.6/12

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

Right Out: -2.652 $\pm$ 0.224 χ^2 /NDF: 1801.5/13

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

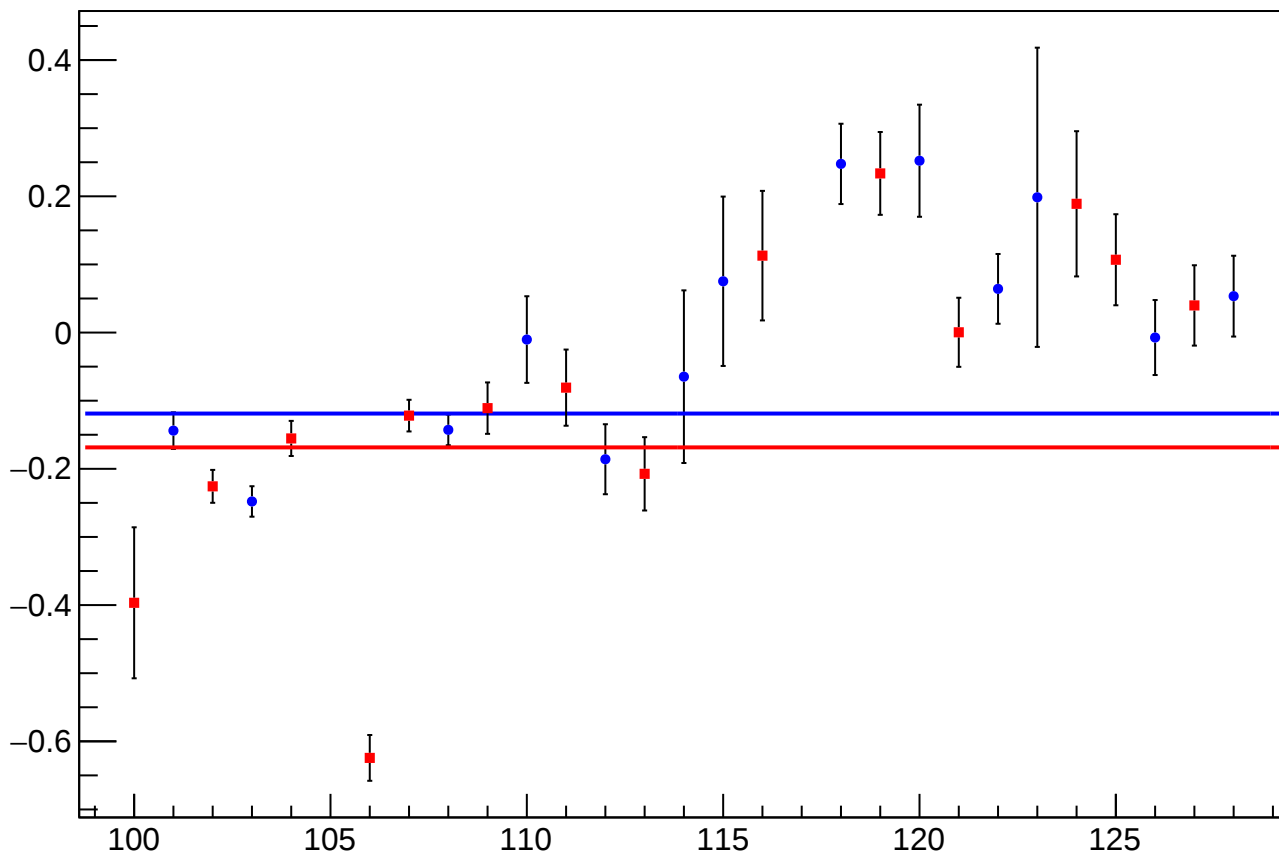
Right: -3.326 $\pm$ 0.159 χ^2 /NDF: 3795.4/26

In: -4.010 $\pm$ 0.225 χ^2 /NDF:1975.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3.326 $\pm$ 0.159 χ^2 /NDF: 3795.4/26

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.119 ± 0.012 χ^2/NDF : 129.0/12

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

Right Out: -0.169 ± 0.011 χ^2/NDF : 307.7/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

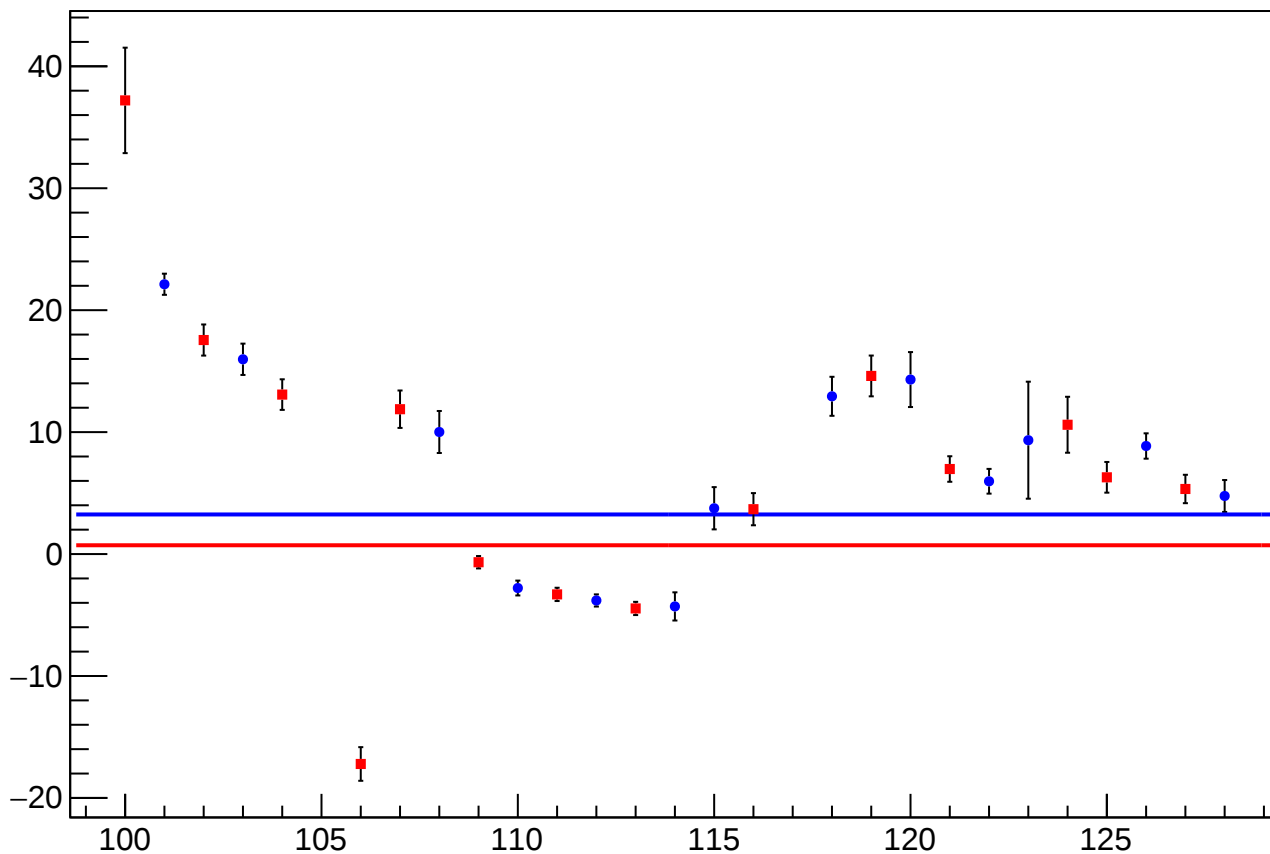
Right: -0.146 ± 0.008 χ^2/NDF : 446.7/26

In: -0.119 ± 0.012 χ^2/NDF : 129.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.146 ± 0.008 χ^2/NDF : 446.7/26

reg_asym_sam_15_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 3.247+/-0.275 χ^2/NDF : 1028.4/12

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

Right Out: 0.721+/-0.248 χ^2/NDF : 881.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

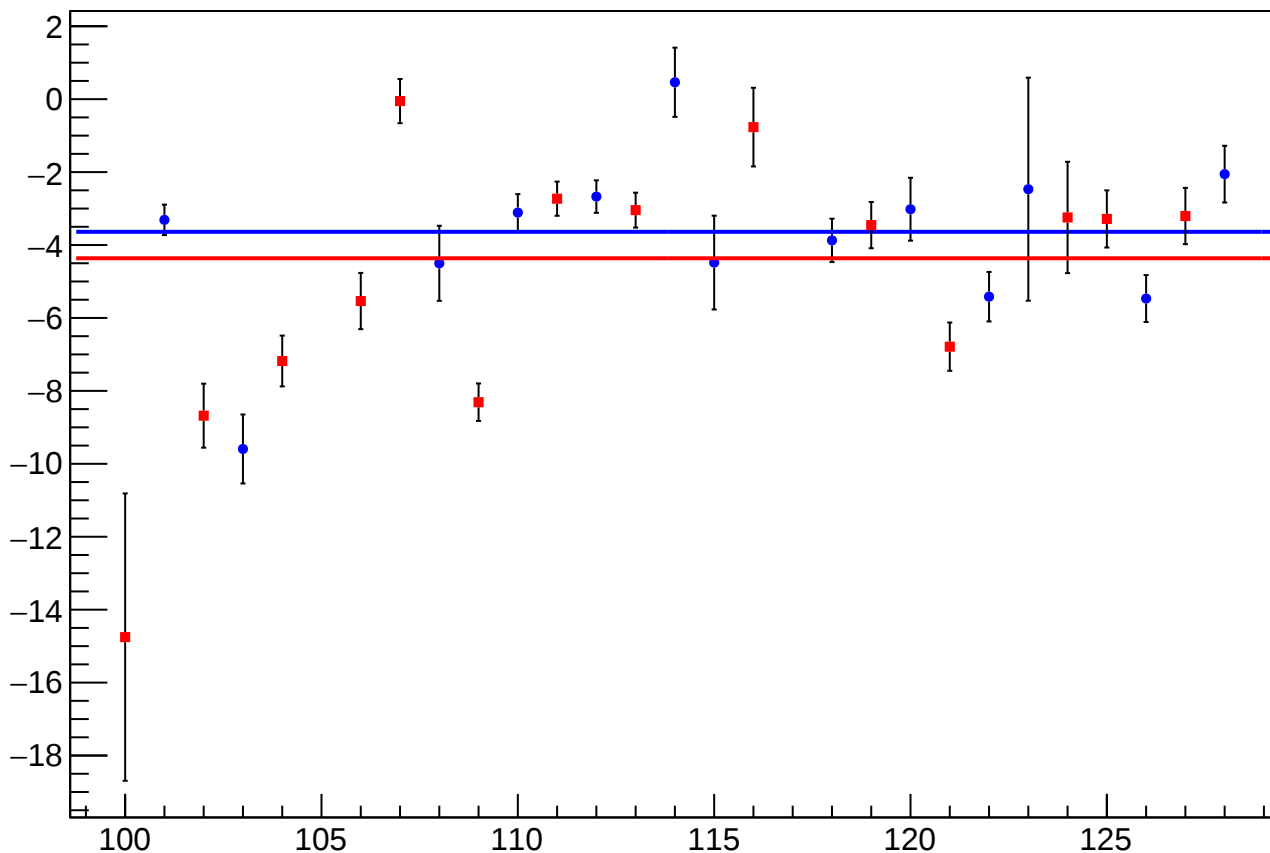
Right: 1.850+/-0.184 χ^2/NDF : 1956.0/26

In: 3.247+/-0.275 χ^2/NDF : 1028.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.850+/-0.184 χ^2/NDF : 1956.0/26

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.638 ± 0.186 χ^2/NDF : 85.8/12

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

Right Out: -4.363 ± 0.183 χ^2/NDF : 210.6/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

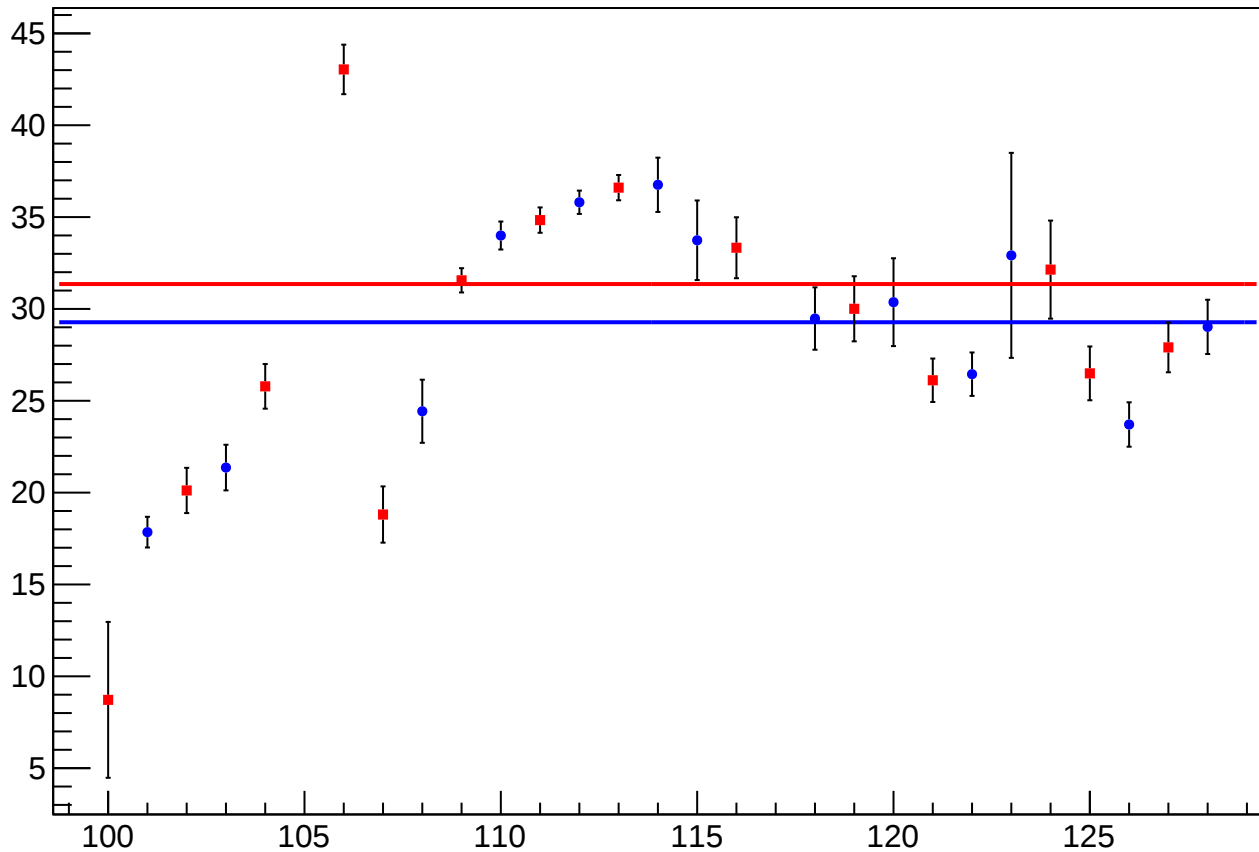
Right: -4.006 ± 0.130 χ^2/NDF : 304.1/26

In: -3.638 ± 0.186 χ^2/NDF : 85.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.006 ± 0.130 χ^2/NDF : 304.1/26

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.275+/-0.321 χ^2/NDF : 437.4/12

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

Right Out: 31.354+/-0.296 χ^2/NDF : 397.8/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

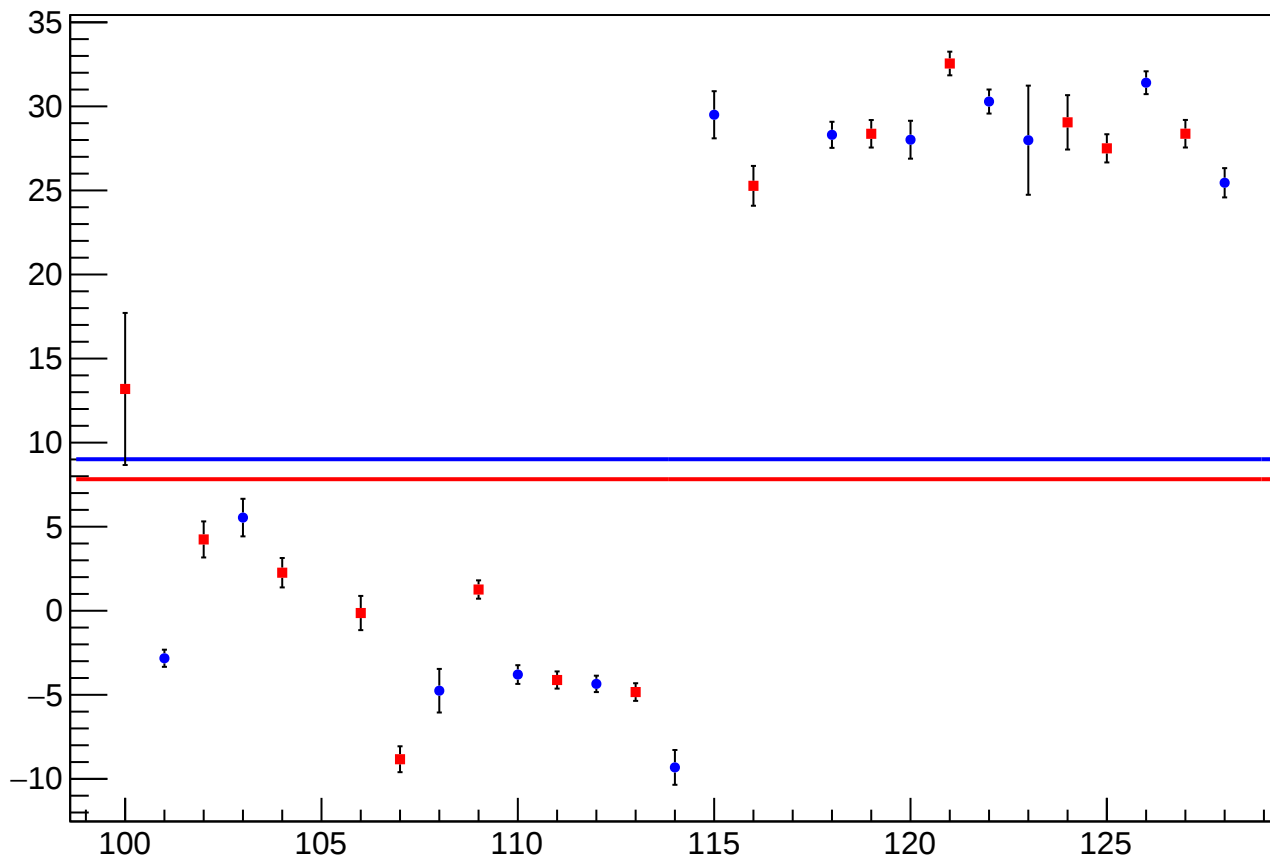
Right: 30.399+/-0.218 χ^2/NDF : 857.8/26

In: 29.275+/-0.321 χ^2/NDF :437.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 30.399+/-0.218 χ^2/NDF : 857.8/26

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.012+/-0.213 χ^2/NDF : 5737.3/12

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

Right Out: 7.824+/-0.208 χ^2/NDF : 5289.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

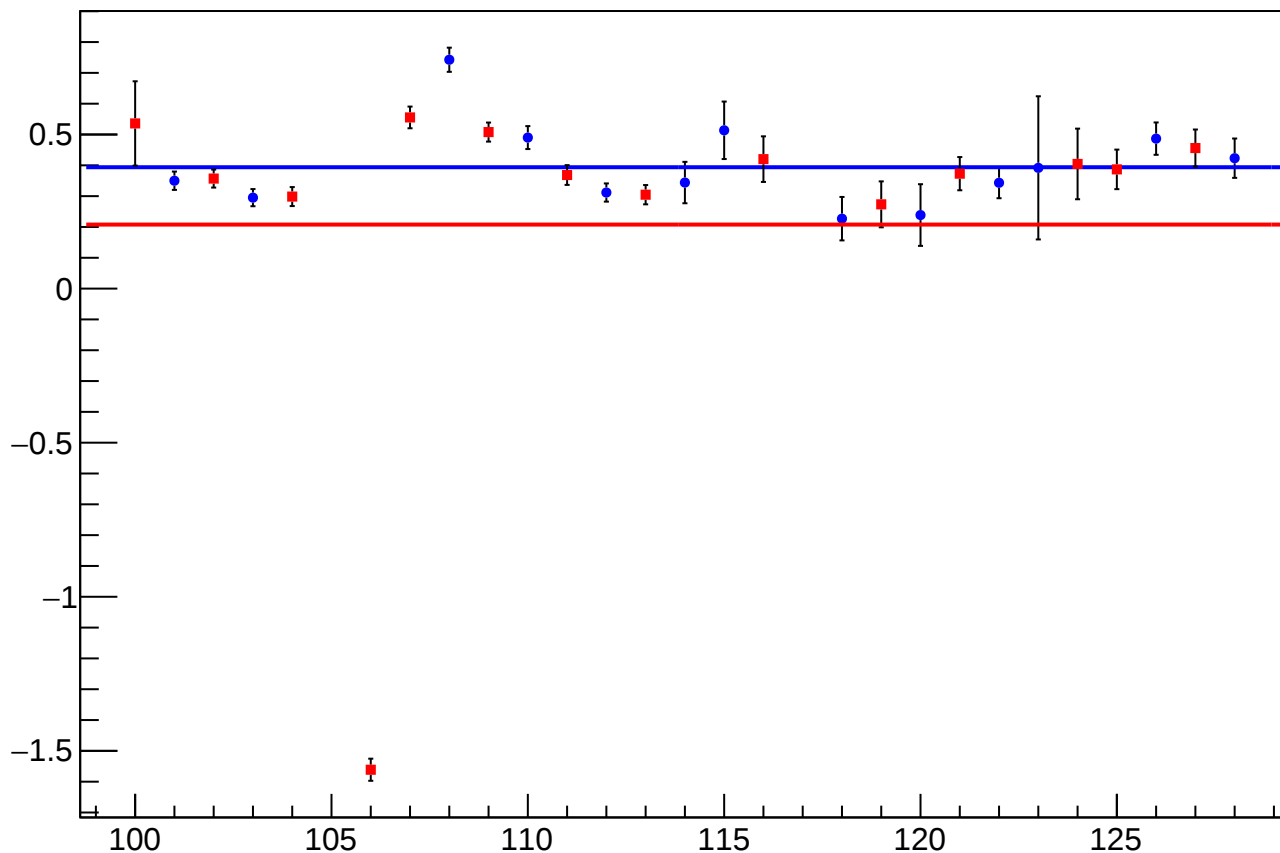
Right: 8.404+/-0.149 χ^2/NDF : 11042.7/26

In: 9.012+/-0.213 χ^2/NDF : 5737.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.404+/-0.149 χ^2/NDF : 11042.7/26

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.394 $\pm$ 0.012 χ^2 /NDF: 122.9/12

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

Right Out: 0.208 $\pm$ 0.011 χ^2 /NDF: 2742.7/13

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

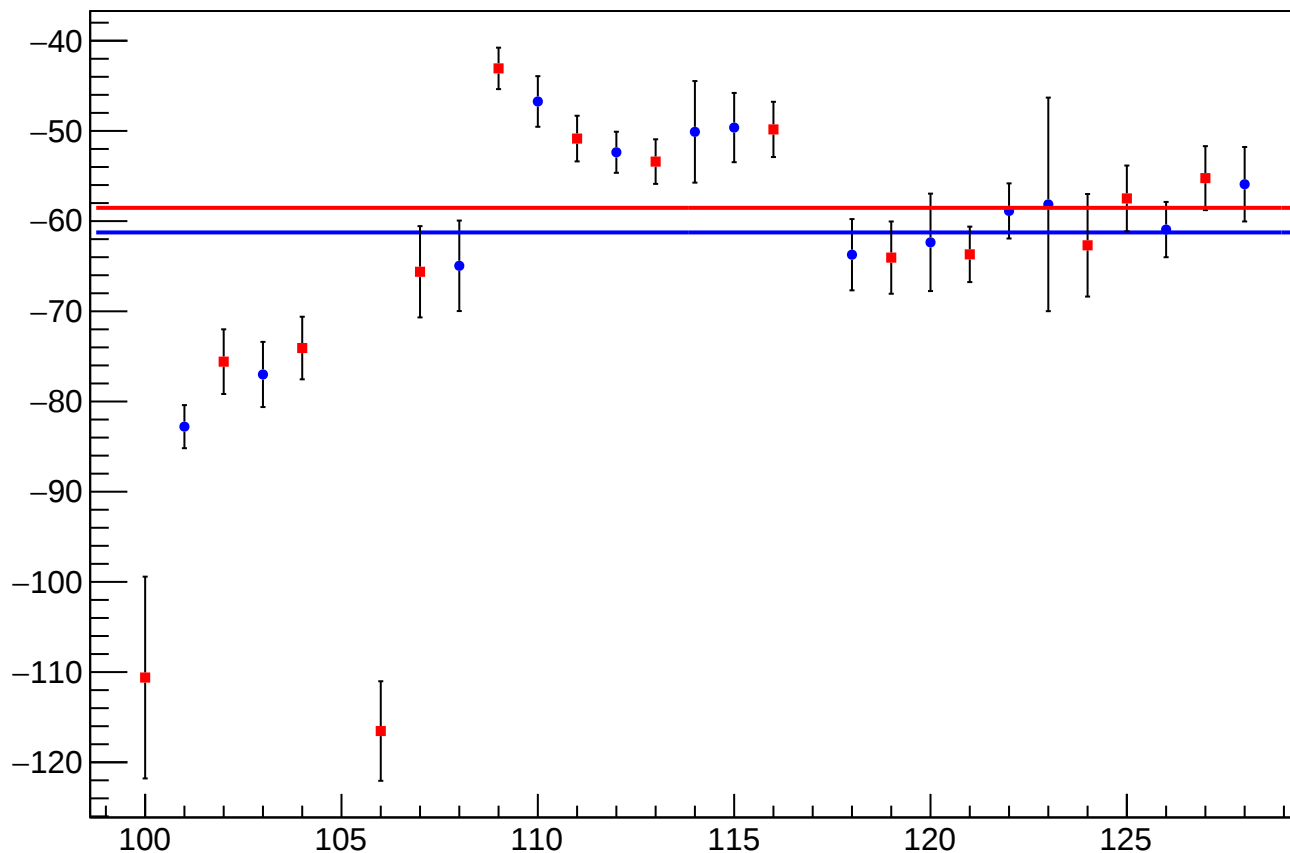
Right: 0.291 $\pm$ 0.008 χ^2 /NDF: 2992.2/26

In: 0.394 $\pm$ 0.012 χ^2 /NDF:122.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.291 $\pm$ 0.008 χ^2 /NDF: 2992.2/26

reg_asym_sam_24_68_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -61.256 $\pm$ 0.959 χ^2 /NDF: 158.6/12

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

Right Out: -58.528 $\pm$ 0.909 χ^2 /NDF: 249.9/13

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

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

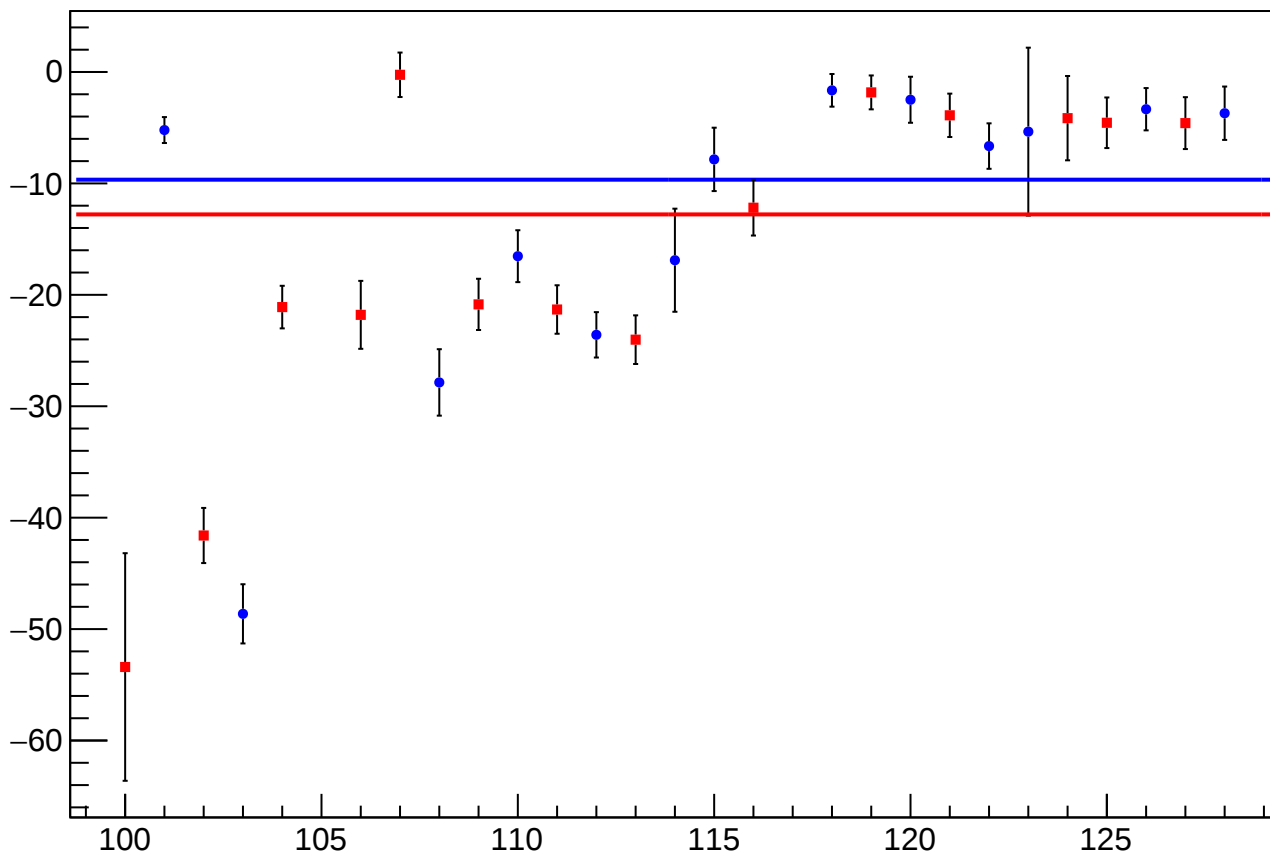
Right: -59.819 $\pm$ 0.660 χ^2 /NDF: 412.8/26

In: -61.256 $\pm$ 0.959 χ^2 /NDF:158.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -59.819 $\pm$ 0.660 χ^2 /NDF: 412.8/26

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -9.666 ± 0.578 χ^2/NDF : 387.1/12

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

Right Out: -12.782 ± 0.606 χ^2/NDF : 376.3/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

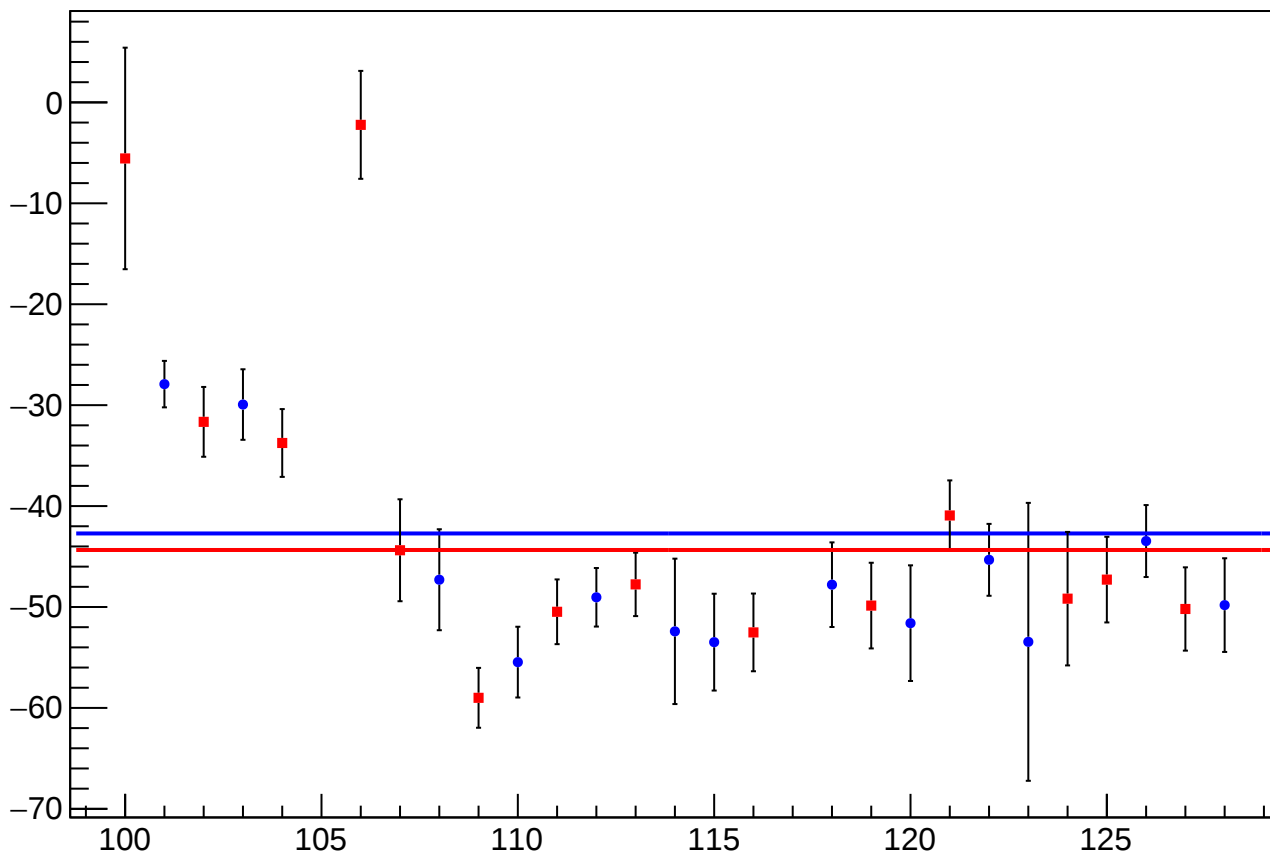
Right: -11.148 ± 0.418 χ^2/NDF : 777.2/26

In: -9.666 ± 0.578 χ^2/NDF : 387.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.148 ± 0.418 χ^2/NDF : 777.2/26

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -42.713 ± 1.072 $\chi^2/\text{NDF}: 87.8/12$

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

Right Out: -44.351 ± 1.049 $\chi^2/\text{NDF}: 137.3/13$

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

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

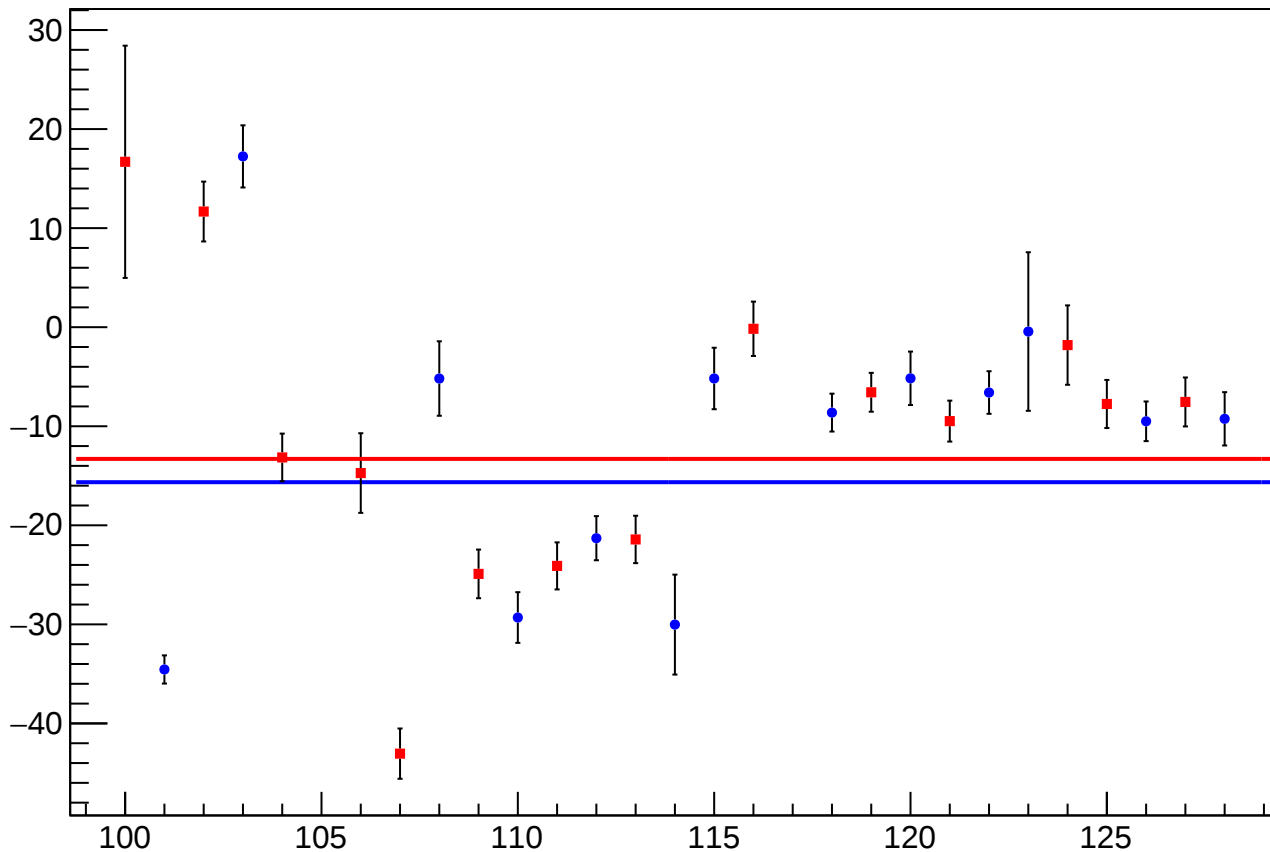
Right: -43.550 ± 0.750 $\chi^2/\text{NDF}: 226.3/26$

In: -42.713 ± 1.072 $\chi^2/\text{NDF}: 87.8/12$

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

All: -43.550 ± 0.750 $\chi^2/\text{NDF}: 226.3/26$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -15.648 $\pm$ 0.675 χ^2 /NDF: 414.0/12

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

Right Out: -13.297 $\pm$ 0.699 χ^2 /NDF: 323.9/13

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

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

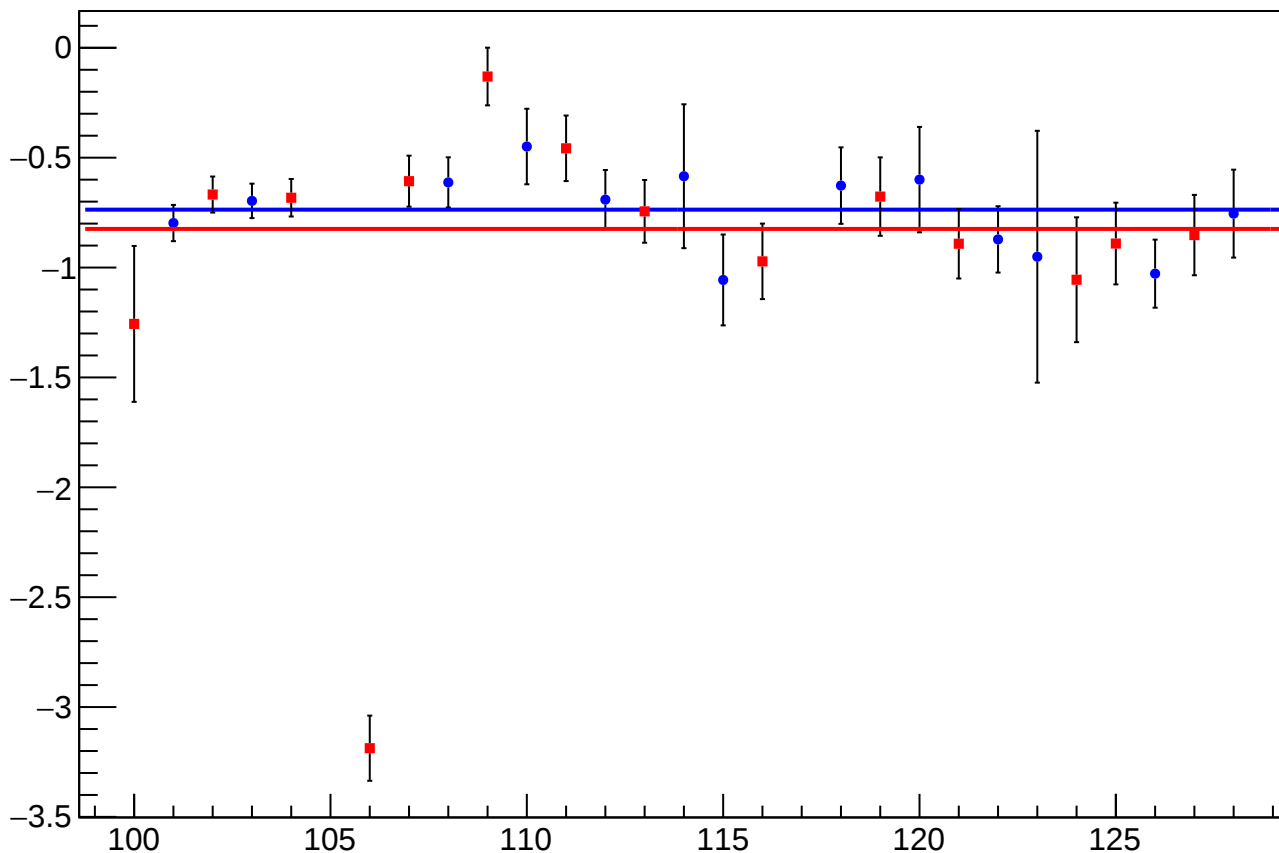
Right: -14.513 $\pm$ 0.486 χ^2 /NDF: 743.7/26

In: -15.648 $\pm$ 0.675 χ^2 /NDF:414.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -14.513 $\pm$ 0.486 χ^2 /NDF: 743.7/26

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.736 $\pm$ 0.039 χ^2 /NDF: 12.7/12

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

Right Out: -0.824 $\pm$ 0.037 χ^2 /NDF: 301.9/13

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

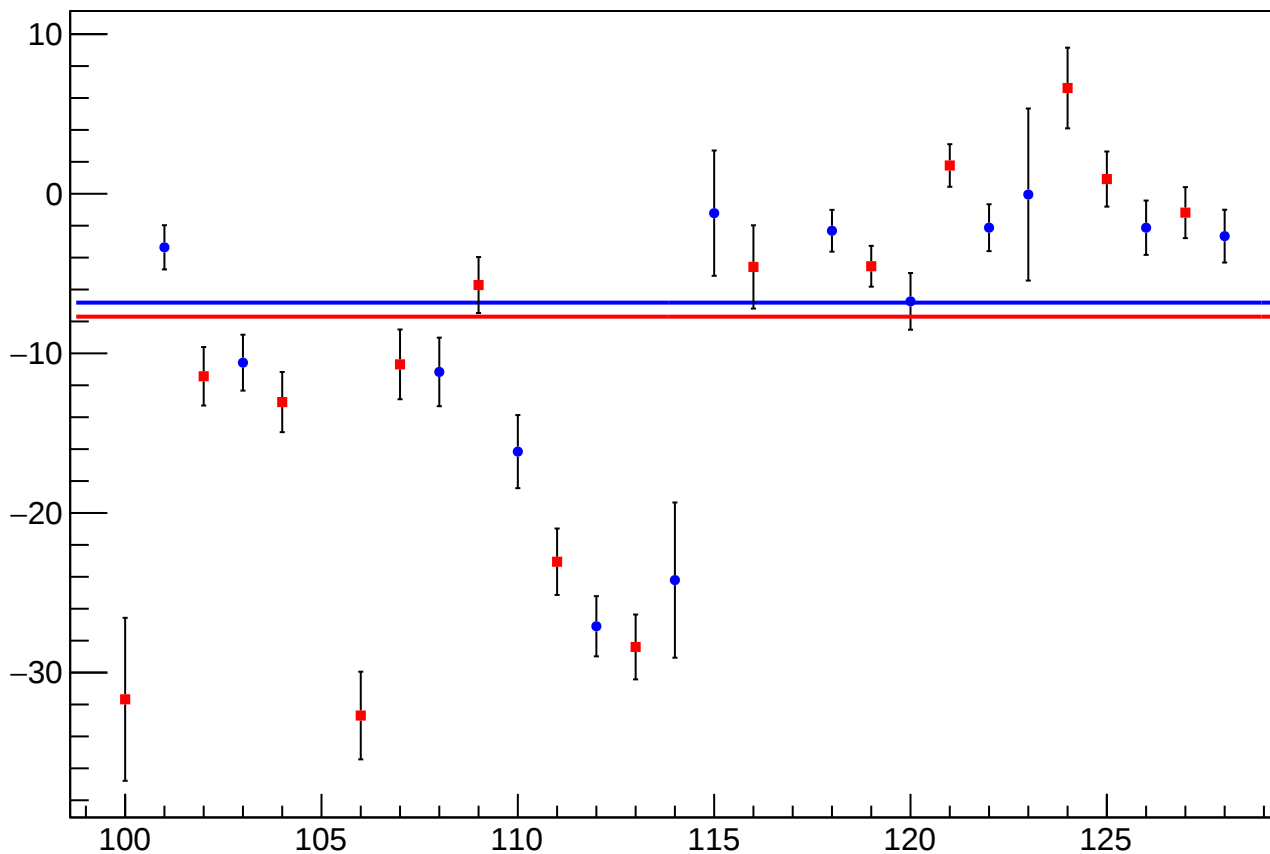
Right: -0.783 $\pm$ 0.027 χ^2 /NDF: 317.3/26

In: -0.736 $\pm$ 0.039 χ^2 /NDF:12.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.783 $\pm$ 0.027 χ^2 /NDF: 317.3/26

reg_asym_sam_26_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -6.821+/-0.516 χ^2/NDF : 199.4/12

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

Right Out: -7.700+/-0.502 χ^2/NDF : 410.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

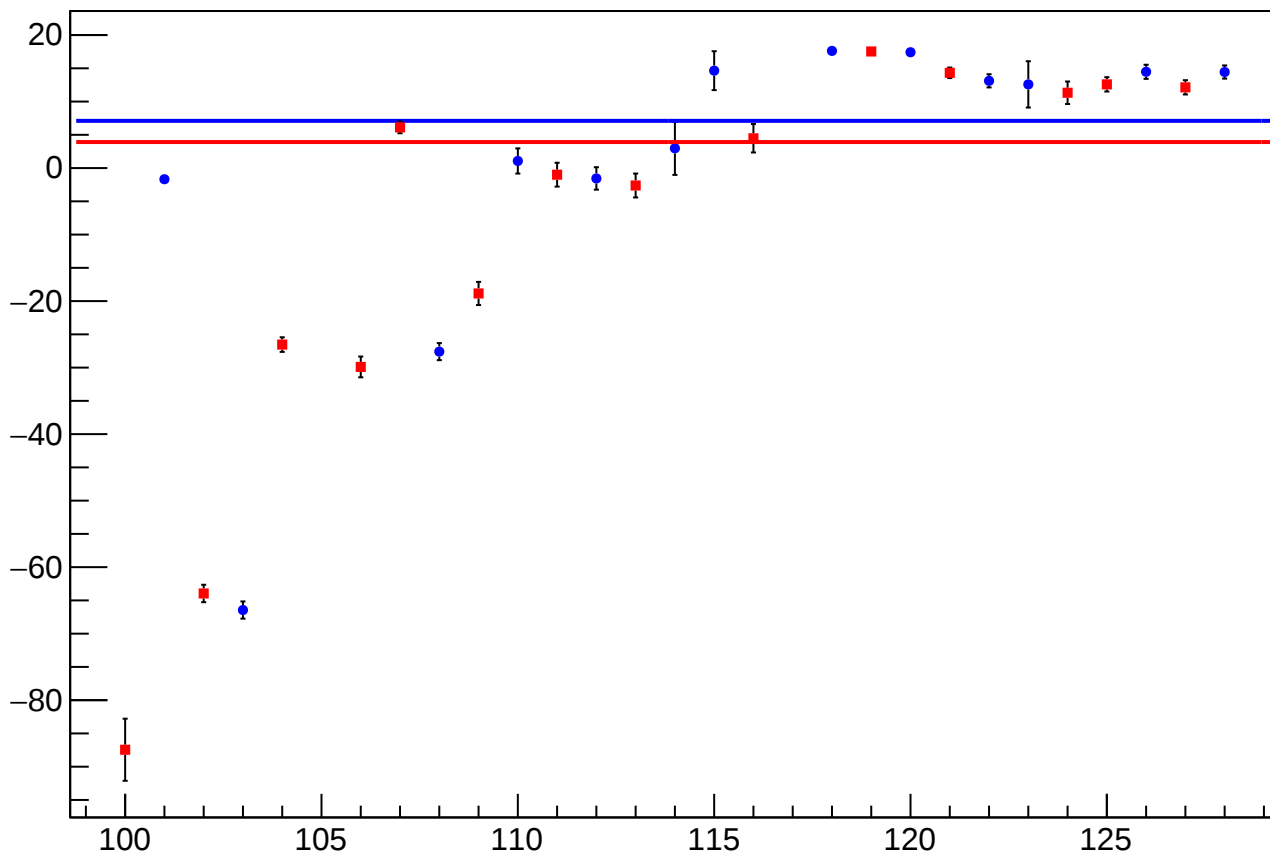
Right: -7.273+/-0.360 χ^2/NDF : 611.0/26

In: -6.821+/-0.516 χ^2/NDF : 199.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.273+/-0.360 χ^2/NDF : 611.0/26

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.101+/-0.272 χ^2/NDF : 5011.3/12

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

Right Out: 3.914+/-0.287 χ^2/NDF : 5589.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

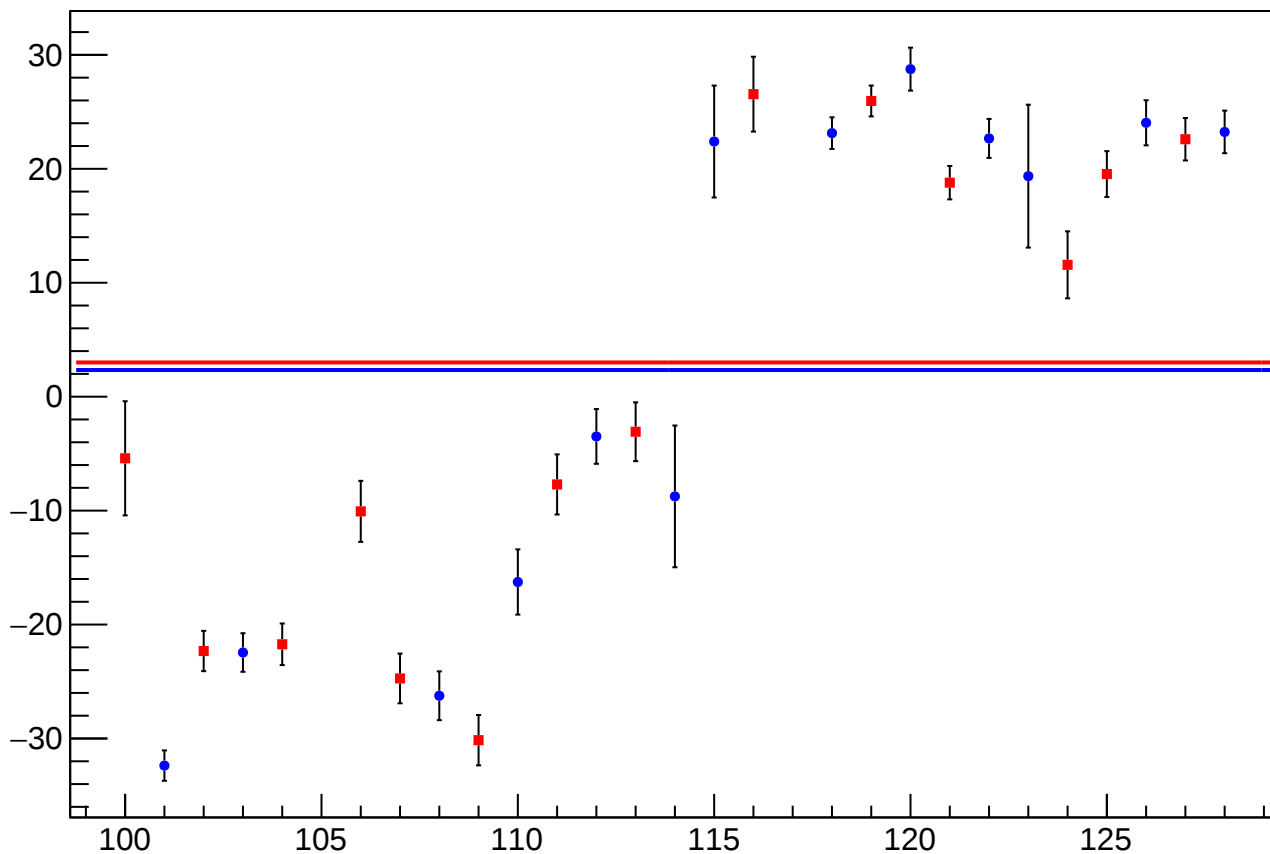
Right: 5.590+/-0.197 χ^2/NDF : 10665.4/26

In: 7.101+/-0.272 χ^2/NDF : 5011.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.590+/-0.197 χ^2/NDF : 10665.4/26

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.340+/-0.559 χ^2/NDF : 1950.7/12

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

Right Out: 3.004+/-0.554 χ^2/NDF : 1464.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

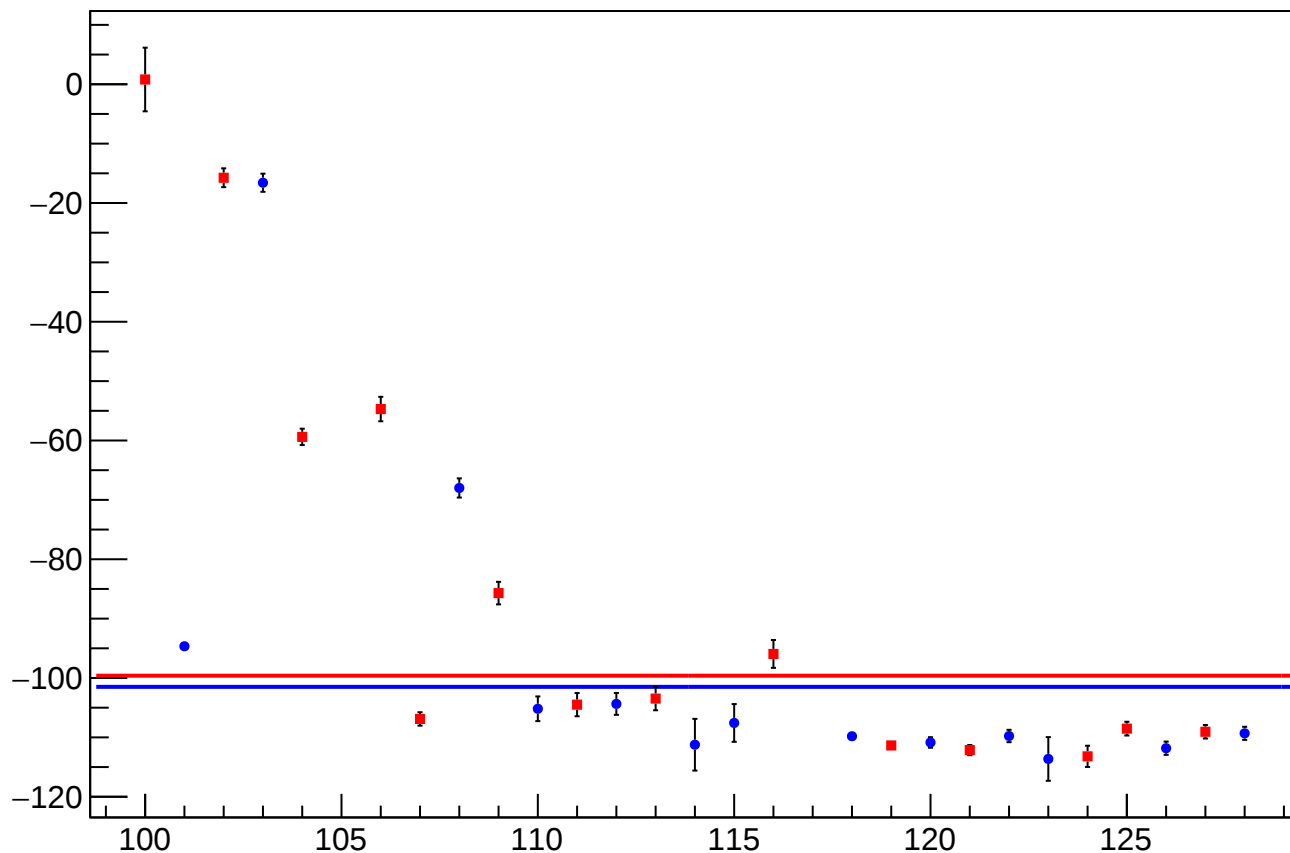
Right: 2.675+/-0.393 χ^2/NDF : 3416.1/26

In: 2.340+/-0.559 χ^2/NDF : 1950.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.675+/-0.393 χ^2/NDF : 3416.1/26

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -101.489+/-0.329 χ^2/NDF : 4094.2/12

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

Right Out: -99.608+/-0.339 χ^2/NDF : 5323.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

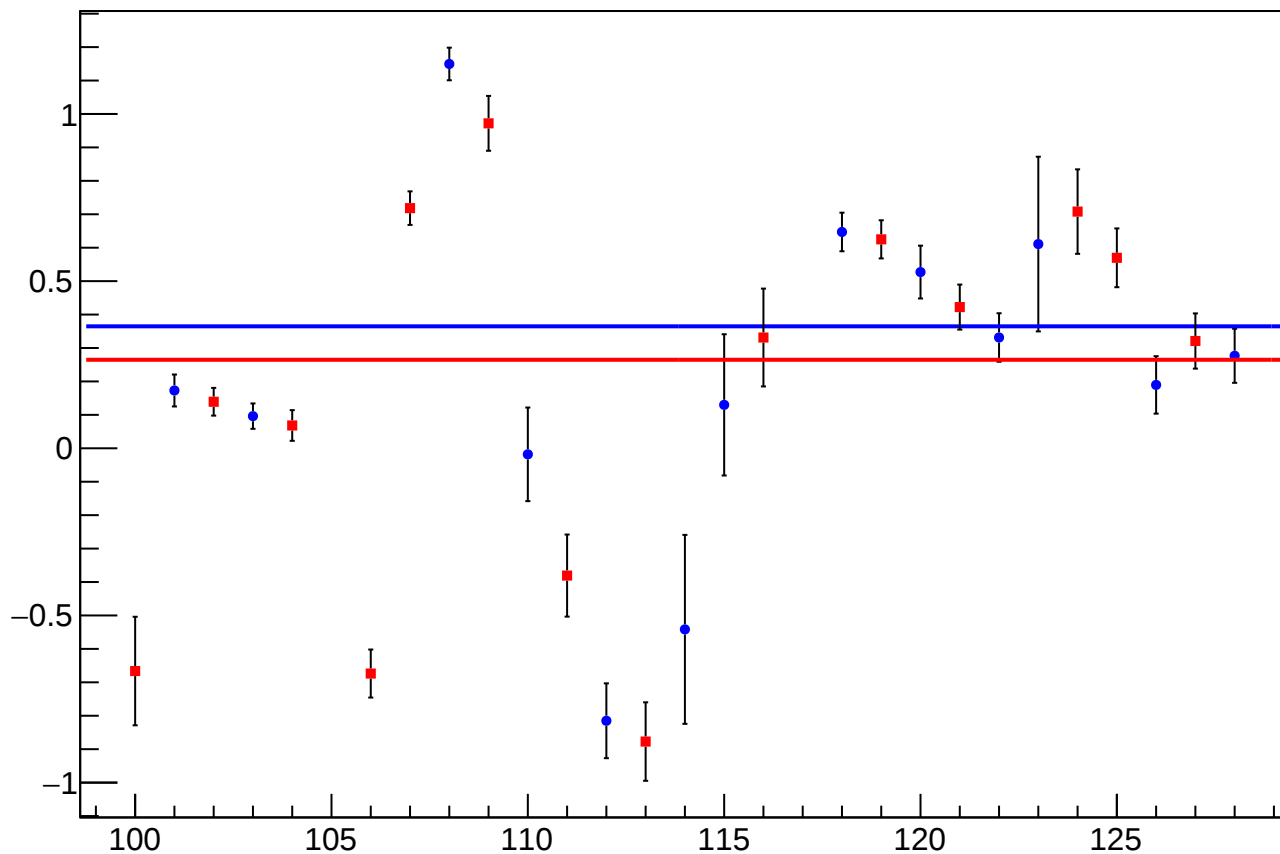
Right: -100.579+/-0.236 χ^2/NDF : 9433.4/26

In: -101.489+/-0.329 χ^2/NDF : 4094.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -100.579+/-0.236 χ^2/NDF : 9433.4/26

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.365+/-0.019 χ^2/NDF : 490.0/12

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

Right Out: 0.265+/-0.019 χ^2/NDF : 579.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

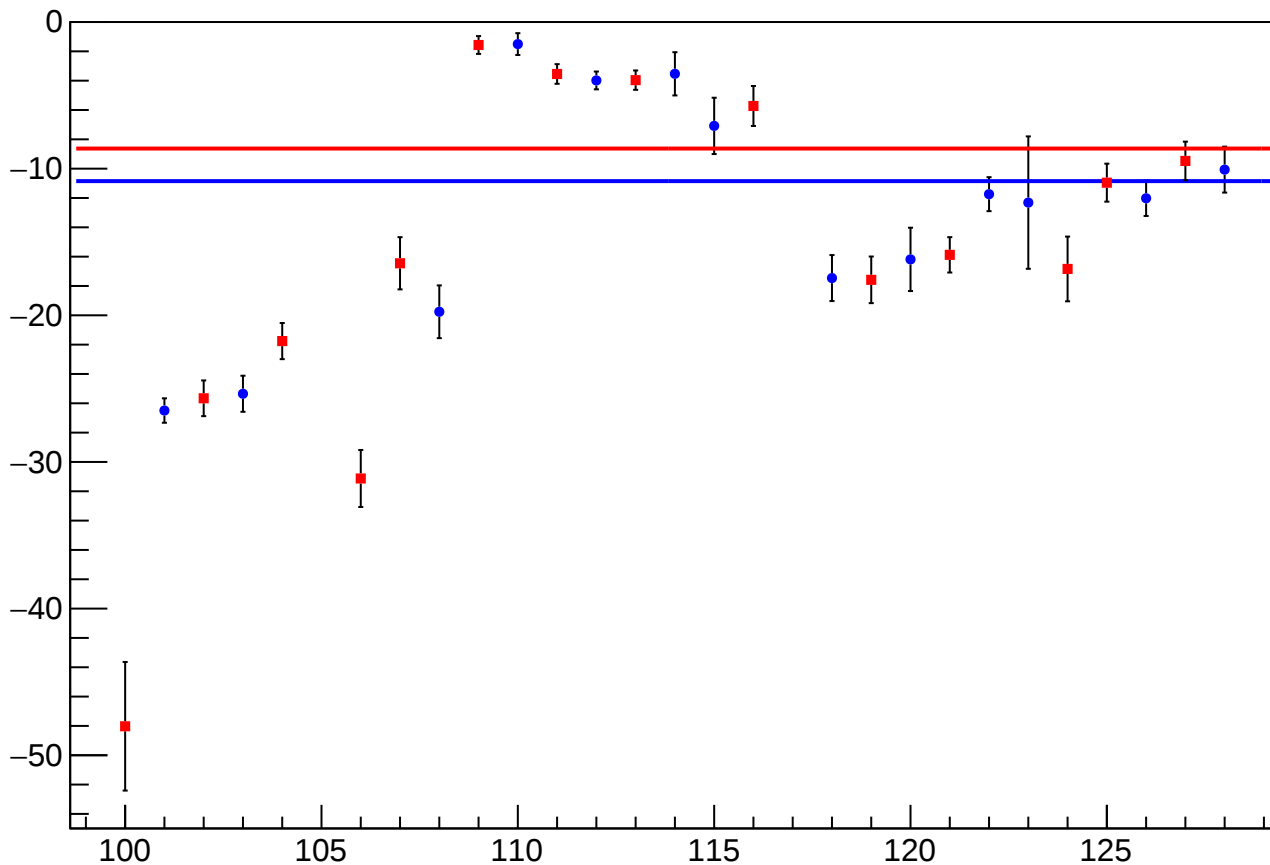
Right: 0.313+/-0.013 χ^2/NDF : 1083.7/26

In: 0.365+/-0.019 χ^2/NDF : 490.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.313+/-0.013 χ^2/NDF : 1083.7/26

reg_asym_sam_1357_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -10.850 ± 0.313 χ^2/NDF : 856.3/12

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

Right Out: -8.629 ± 0.286 χ^2/NDF : 875.1/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

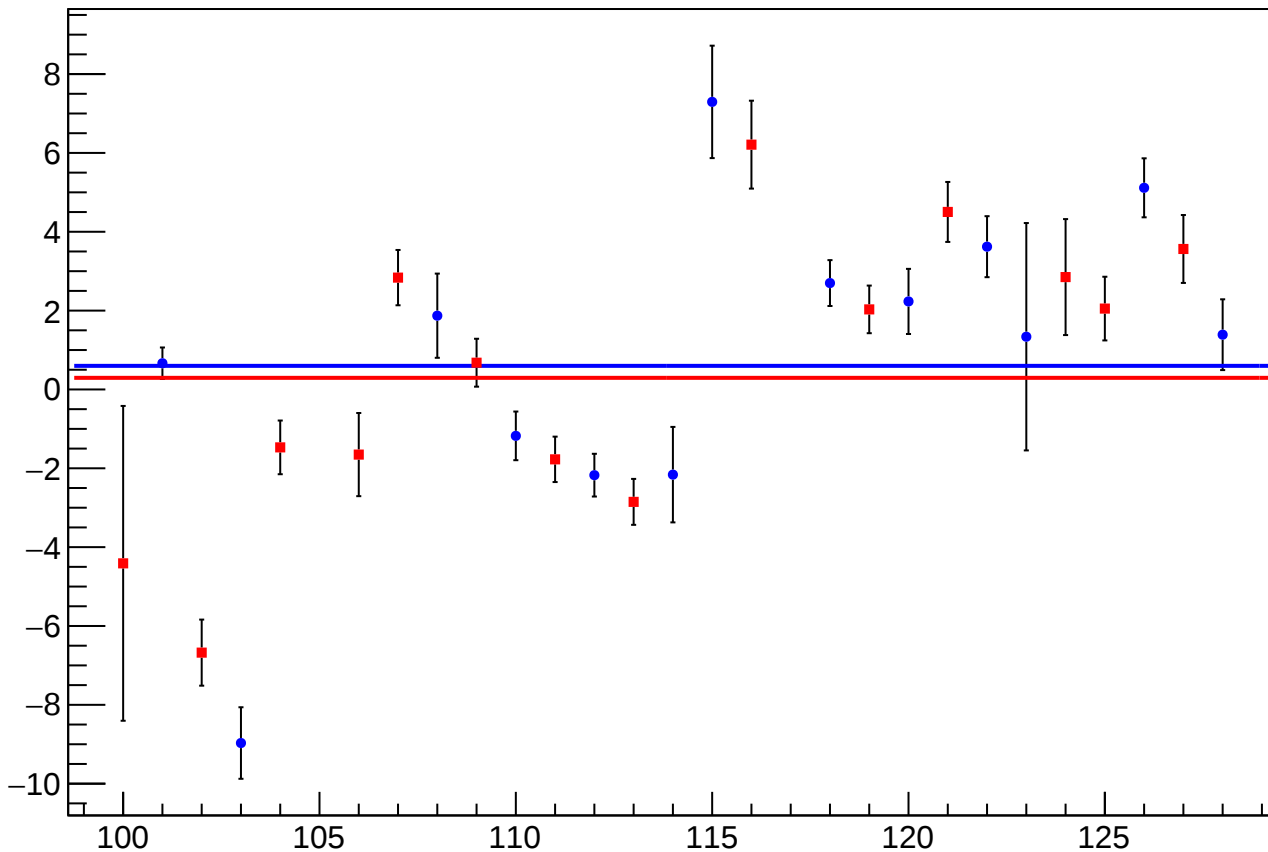
Right: -9.639 ± 0.211 χ^2/NDF : 1758.8/26

In: -10.850 ± 0.313 χ^2/NDF : 856.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.639 ± 0.211 χ^2/NDF : 1758.8/26

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.599+/-0.201 χ^2/NDF : 243.8/12

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

Right Out: 0.295+/-0.205 χ^2/NDF : 225.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

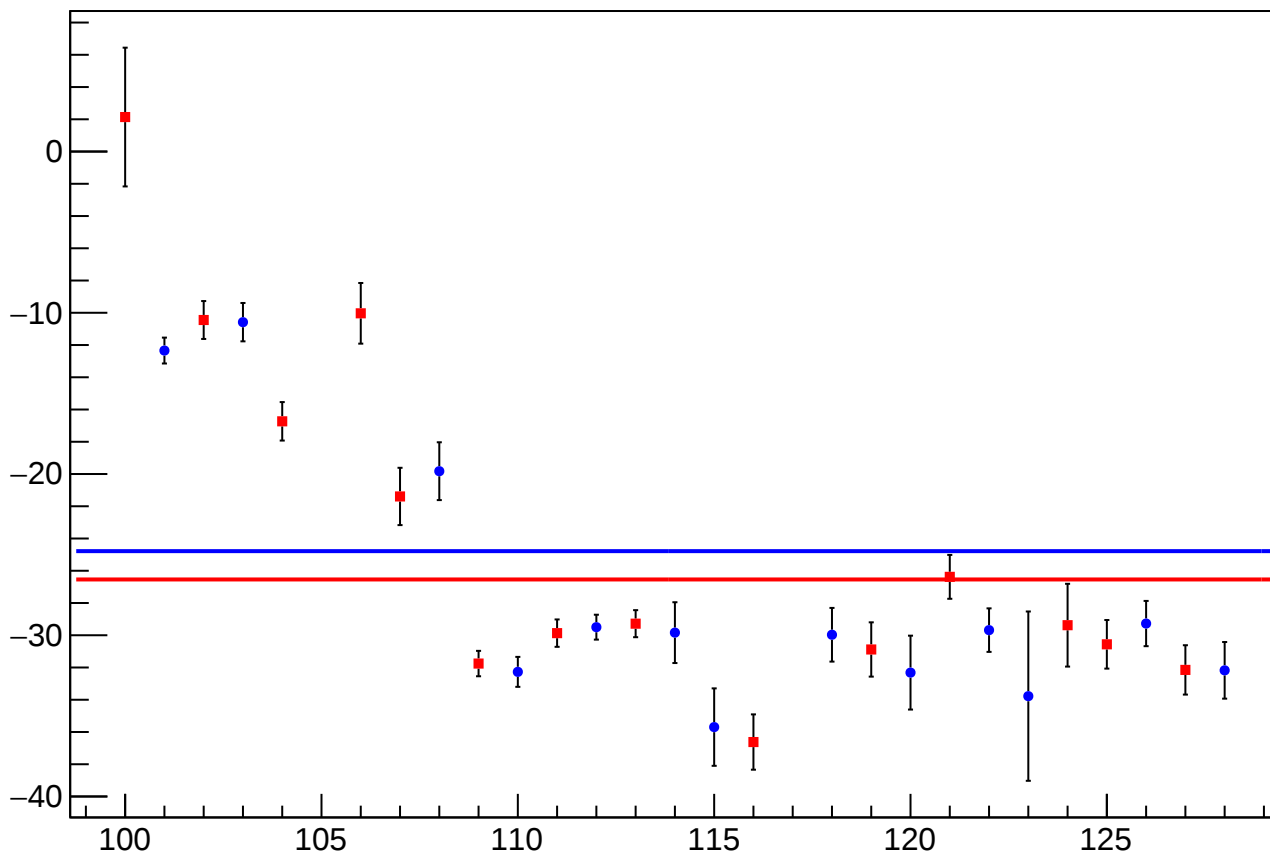
Right: 0.450+/-0.143 χ^2/NDF : 470.3/26

In: 0.599+/-0.201 χ^2/NDF : 243.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.450+/-0.143 χ^2/NDF : 470.3/26

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -24.783 ± 0.357 χ^2/NDF : 585.1/12

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

Right Out: -26.540 ± 0.338 χ^2/NDF : 517.6/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

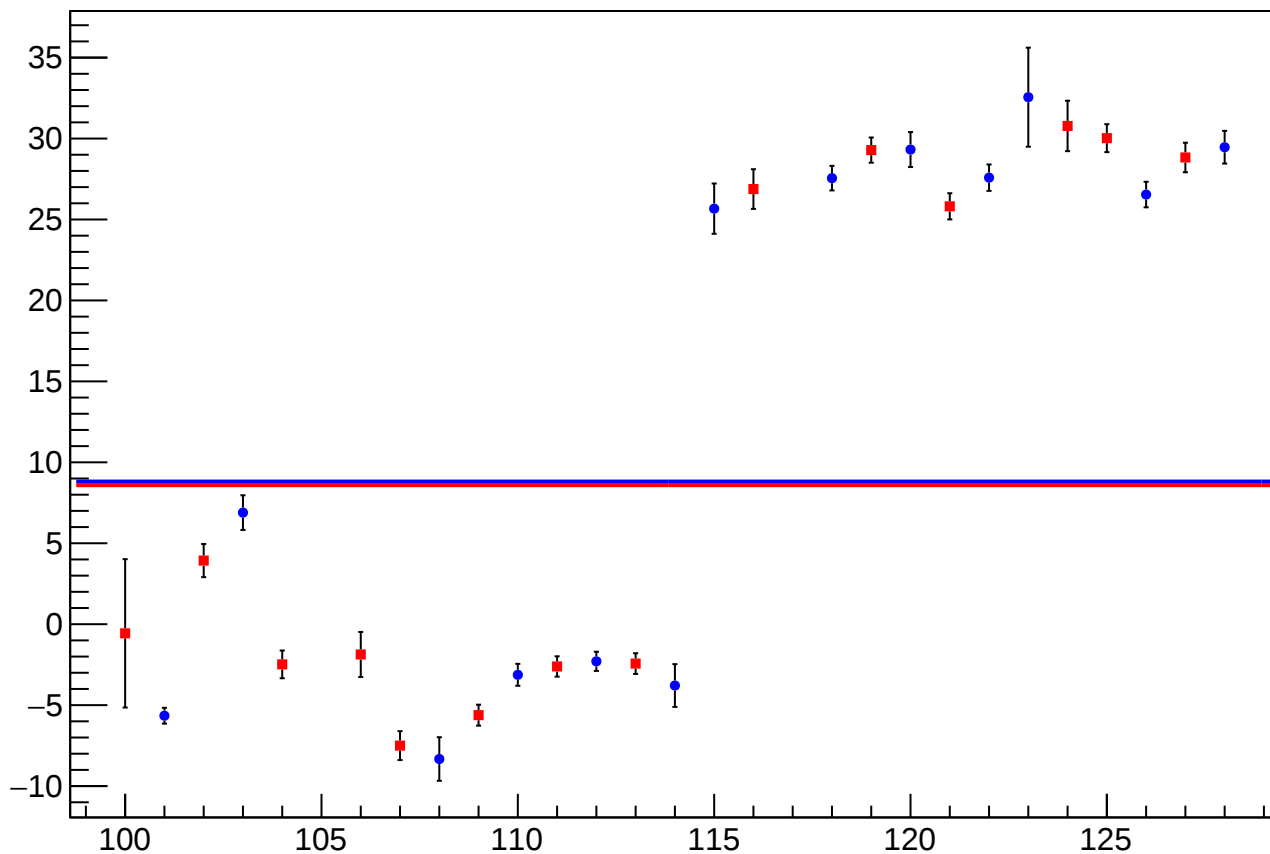
Right: -25.710 ± 0.246 χ^2/NDF : 1115.4/26

In: -24.783 ± 0.357 χ^2/NDF : 585.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.710 ± 0.246 χ^2/NDF : 1115.4/26

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.811+/-0.233 χ^2/NDF : 4398.1/12

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

Right Out: 8.589+/-0.234 χ^2/NDF : 4363.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

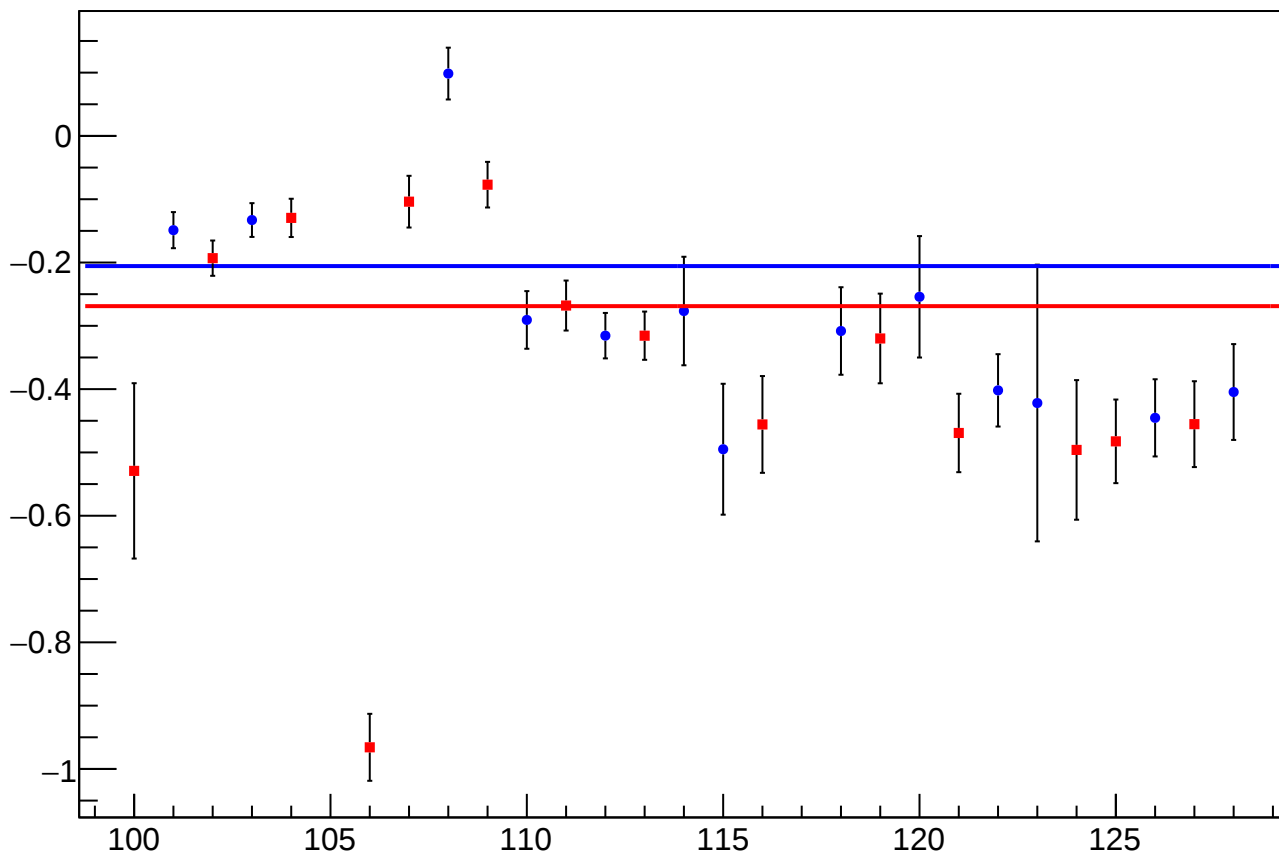
Right: 8.701+/-0.165 χ^2/NDF : 8761.7/26

In: 8.811+/-0.233 χ^2/NDF : 4398.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.701+/-0.165 χ^2/NDF : 8761.7/26

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.206+/-0.013 χ^2 /NDF: 125.6/12

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

Right Out: -0.269+/-0.012 χ^2 /NDF: 291.2/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

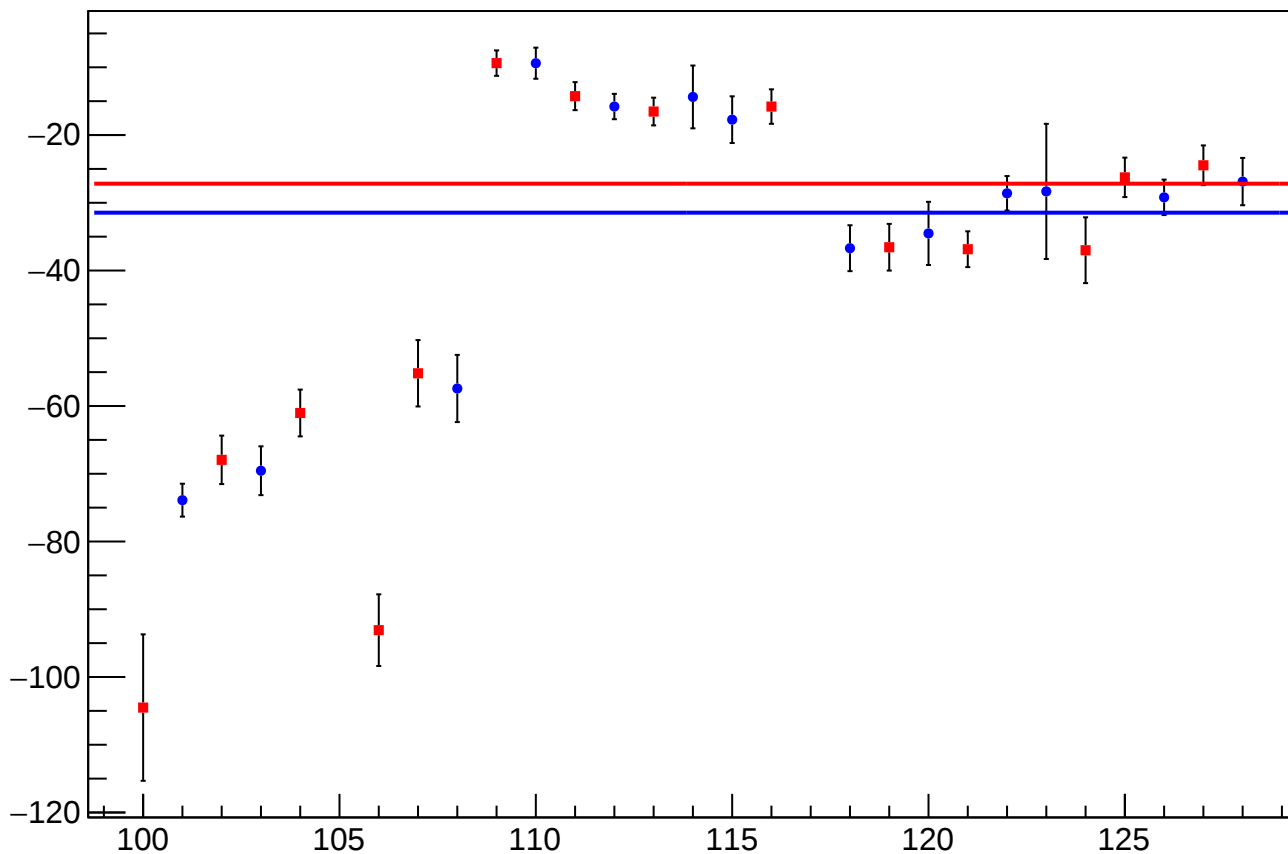
Right: -0.239+/-0.009 χ^2 /NDF: 429.2/26

In: -0.206+/-0.013 χ^2 /NDF:125.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.239+/-0.009 χ^2 /NDF: 429.2/26

reg_asym_sam_2468_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -31.460+/-0.839 χ^2/NDF : 643.6/12

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

Right Out: -27.178+/-0.775 χ^2/NDF : 666.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

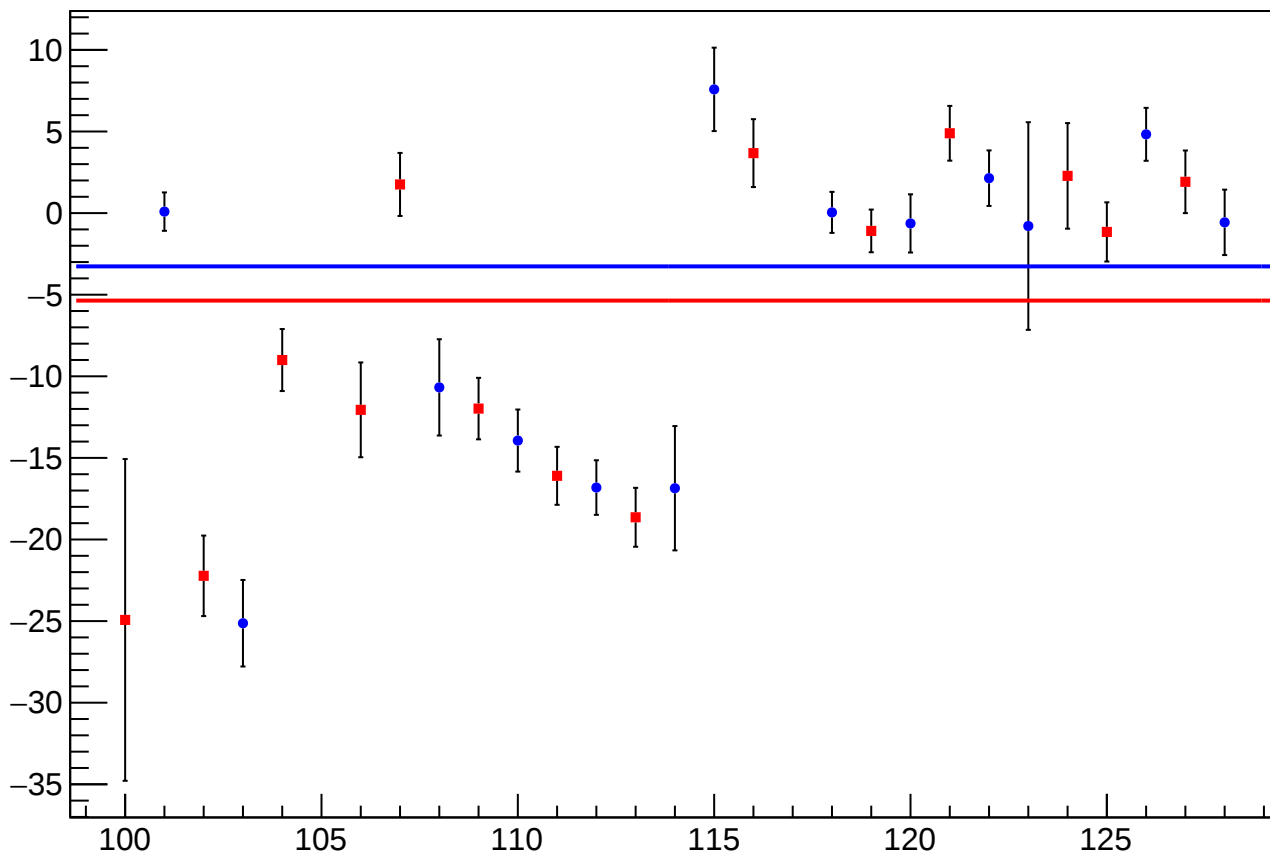
Right: -29.149+/-0.570 χ^2/NDF : 1324.6/26

In: -31.460+/-0.839 χ^2/NDF :643.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -29.149+/-0.570 χ^2/NDF : 1324.6/26

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.265+/-0.514 χ^2/NDF : 256.5/12

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

Right Out: -5.360+/-0.528 χ^2/NDF : 268.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

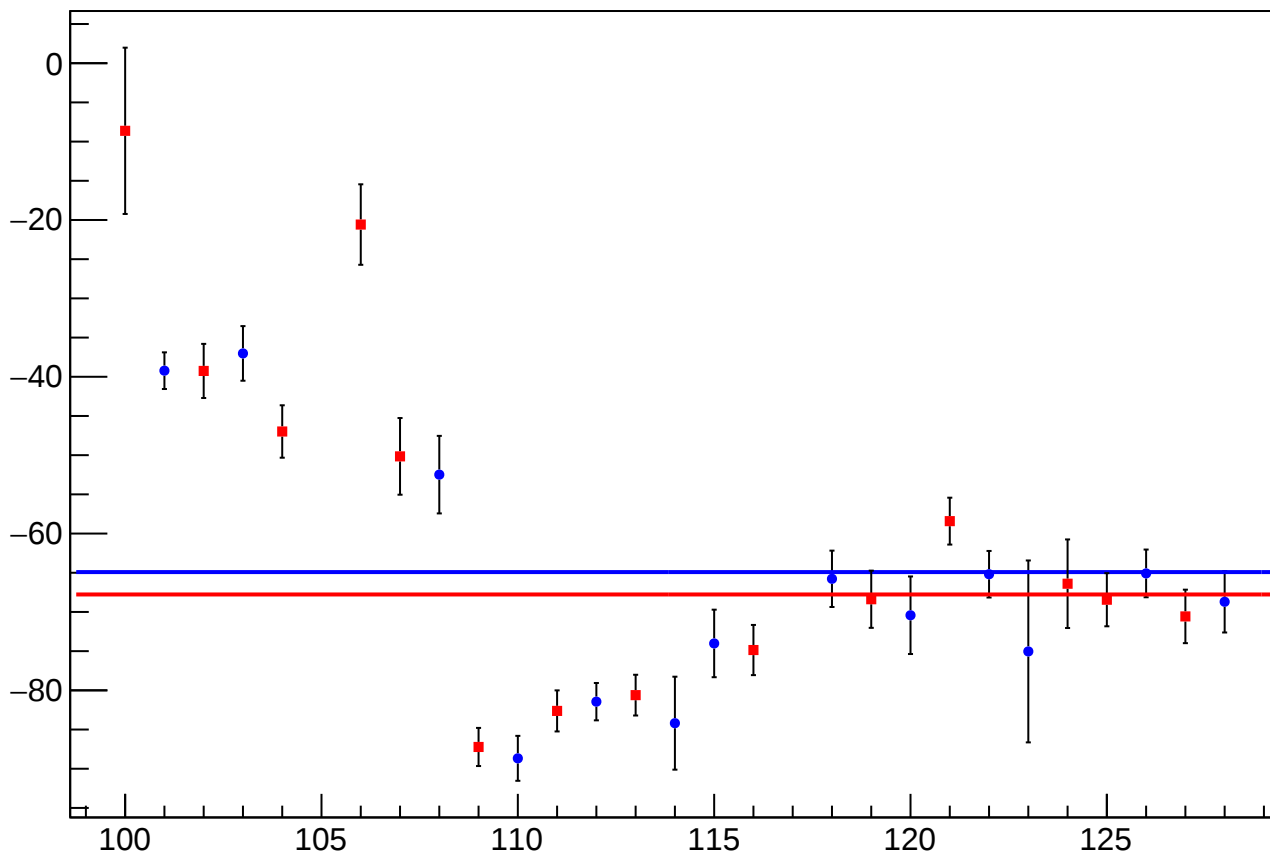
Right: -4.285+/-0.368 χ^2/NDF : 533.0/26

In: -3.265+/-0.514 χ^2/NDF : 256.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.285+/-0.368 χ^2/NDF : 533.0/26

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -64.915+/-0.954 χ^2/NDF : 326.0/12

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

Right Out: -67.770+/-0.908 χ^2/NDF : 371.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

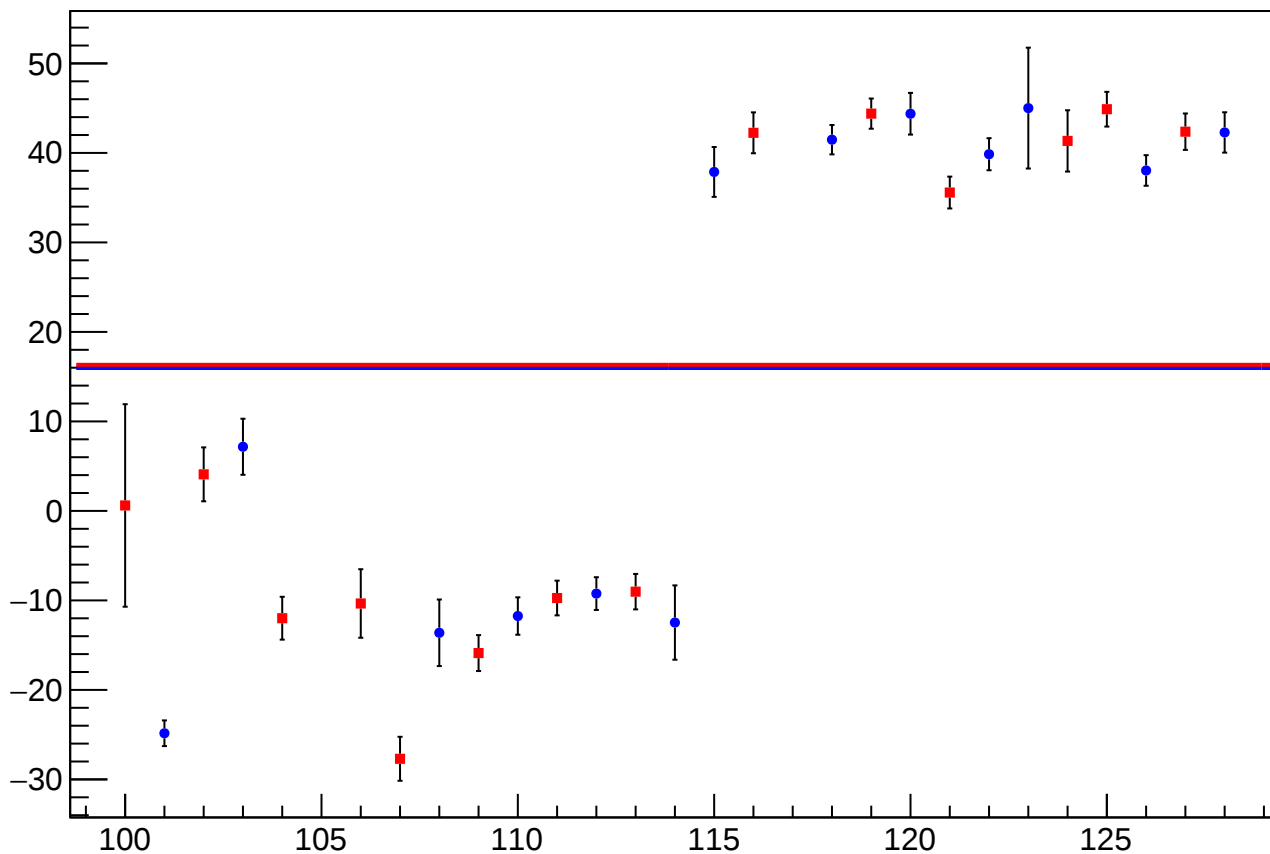
Right: -66.413+/-0.658 χ^2/NDF : 702.1/26

In: -64.915+/-0.954 χ^2/NDF : 326.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -66.413+/-0.658 χ^2/NDF : 702.1/26

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.972+/-0.597 χ^2 /NDF: 2243.2/12

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

Right Out: 16.324+/-0.603 χ^2 /NDF: 2086.3/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

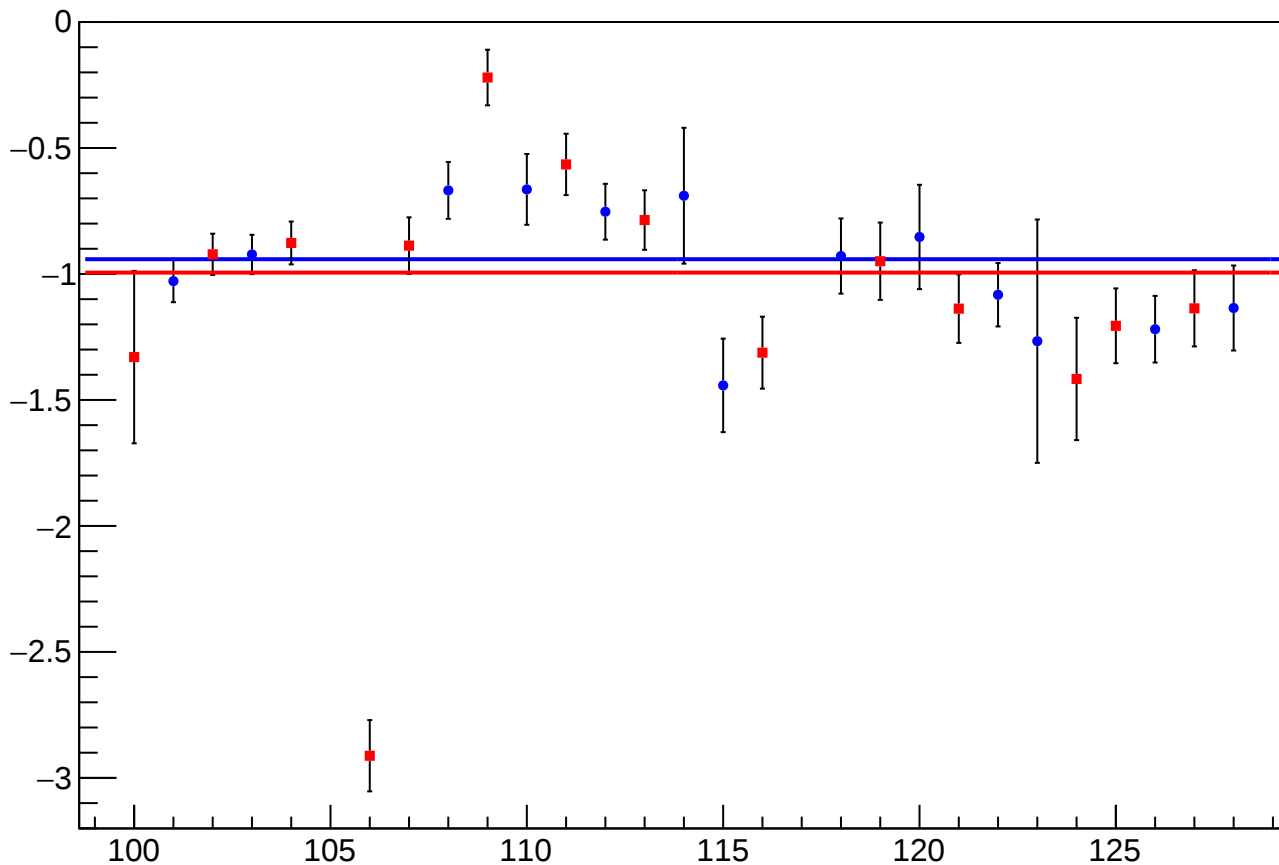
Right: 16.146+/-0.425 χ^2 /NDF: 4329.6/26

In: 15.972+/-0.597 χ^2 /NDF:2243.2/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 16.146+/-0.425 χ^2 /NDF: 4329.6/26

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.941 ± 0.036 χ^2/NDF : 29.6/12

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

Right Out: -0.995 ± 0.033 χ^2/NDF : 265.1/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

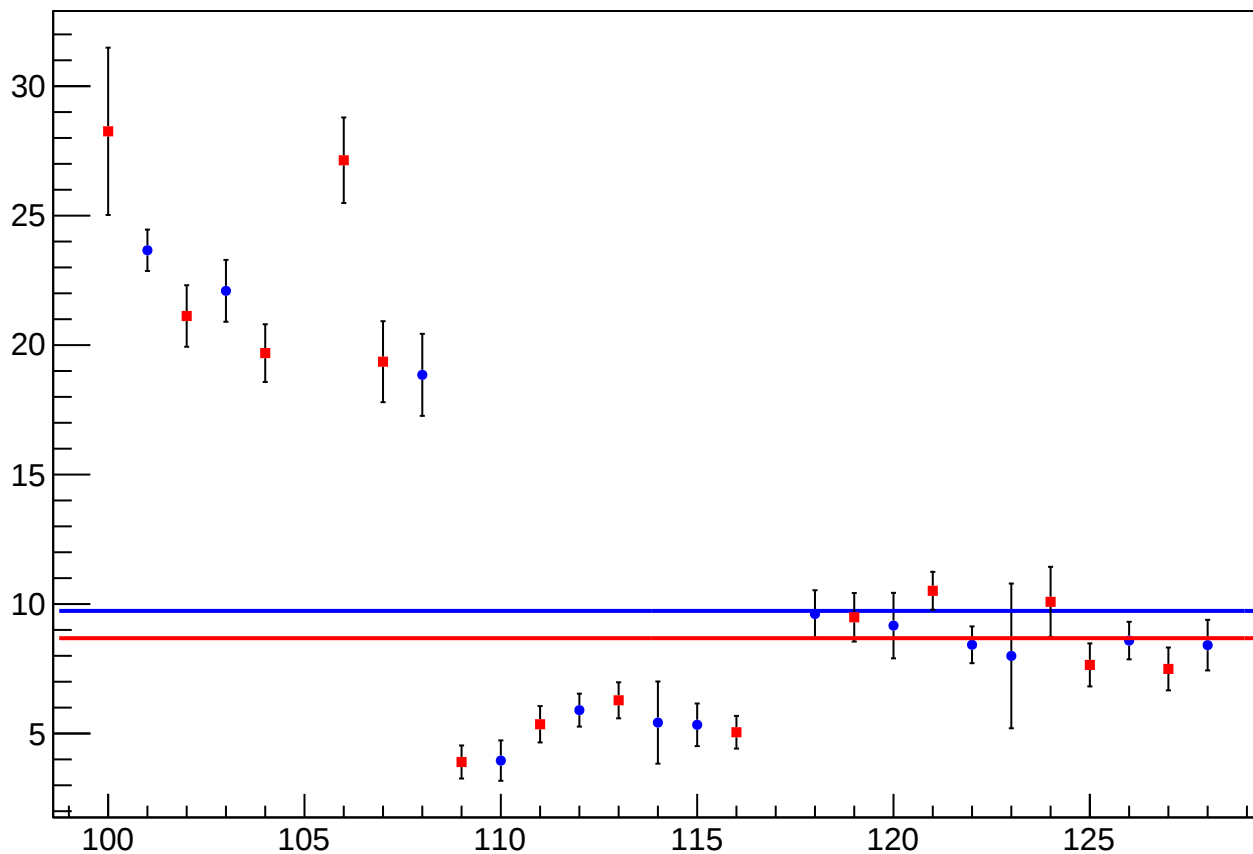
Right: -0.970 ± 0.024 χ^2/NDF : 295.9/26

In: -0.941 ± 0.036 χ^2/NDF : 29.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.970 ± 0.024 χ^2/NDF : 295.9/26

reg_asym_sam_1357_2468_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 9.735+/-0.254 χ^2/NDF : 579.4/12

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

Right Out: 8.681+/-0.236 χ^2/NDF : 550.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

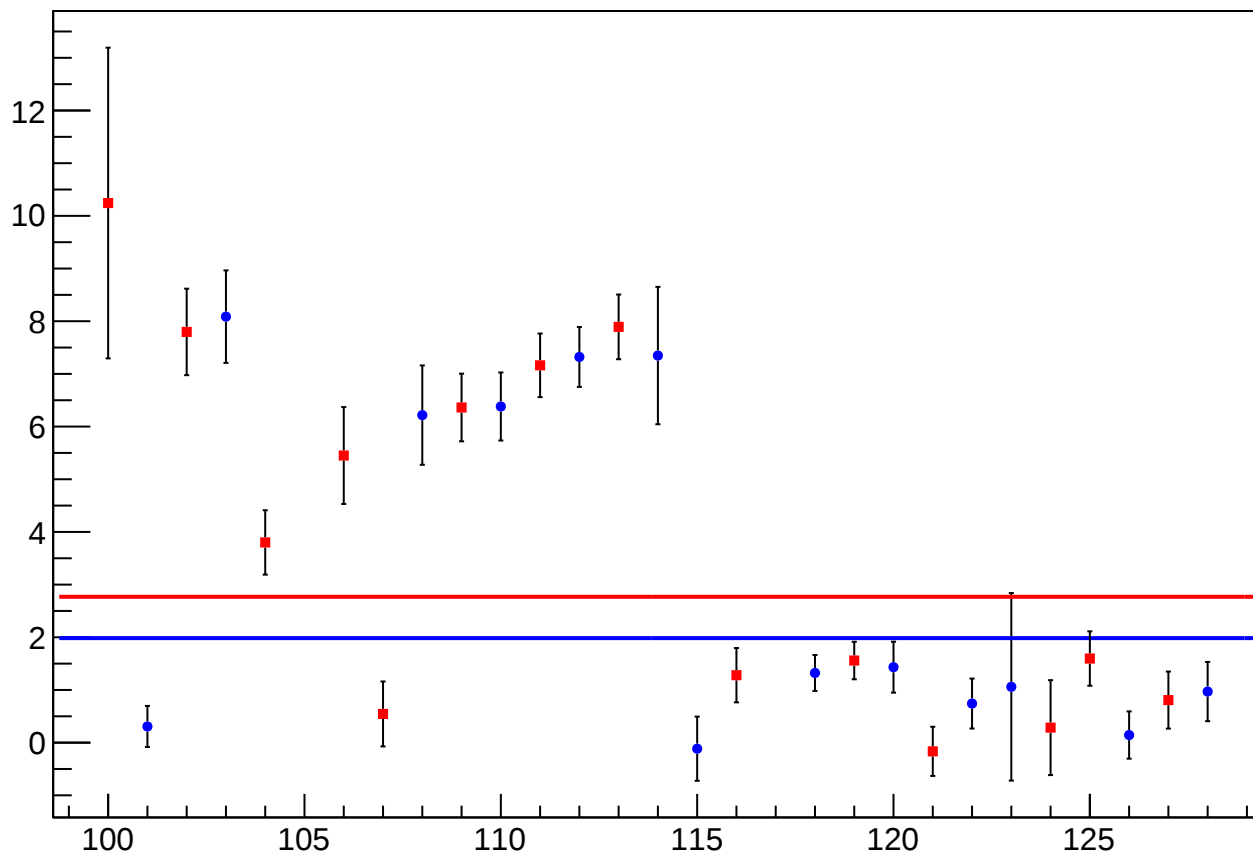
Right: 9.171+/-0.173 χ^2/NDF : 1139.2/26

In: 9.735+/-0.254 χ^2/NDF : 579.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.171+/-0.173 χ^2/NDF : 1139.2/26

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.984 $\pm$ 0.152 χ^2 /NDF: 282.6/12

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

Right Out: 2.769 $\pm$ 0.157 χ^2 /NDF: 307.5/13

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

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

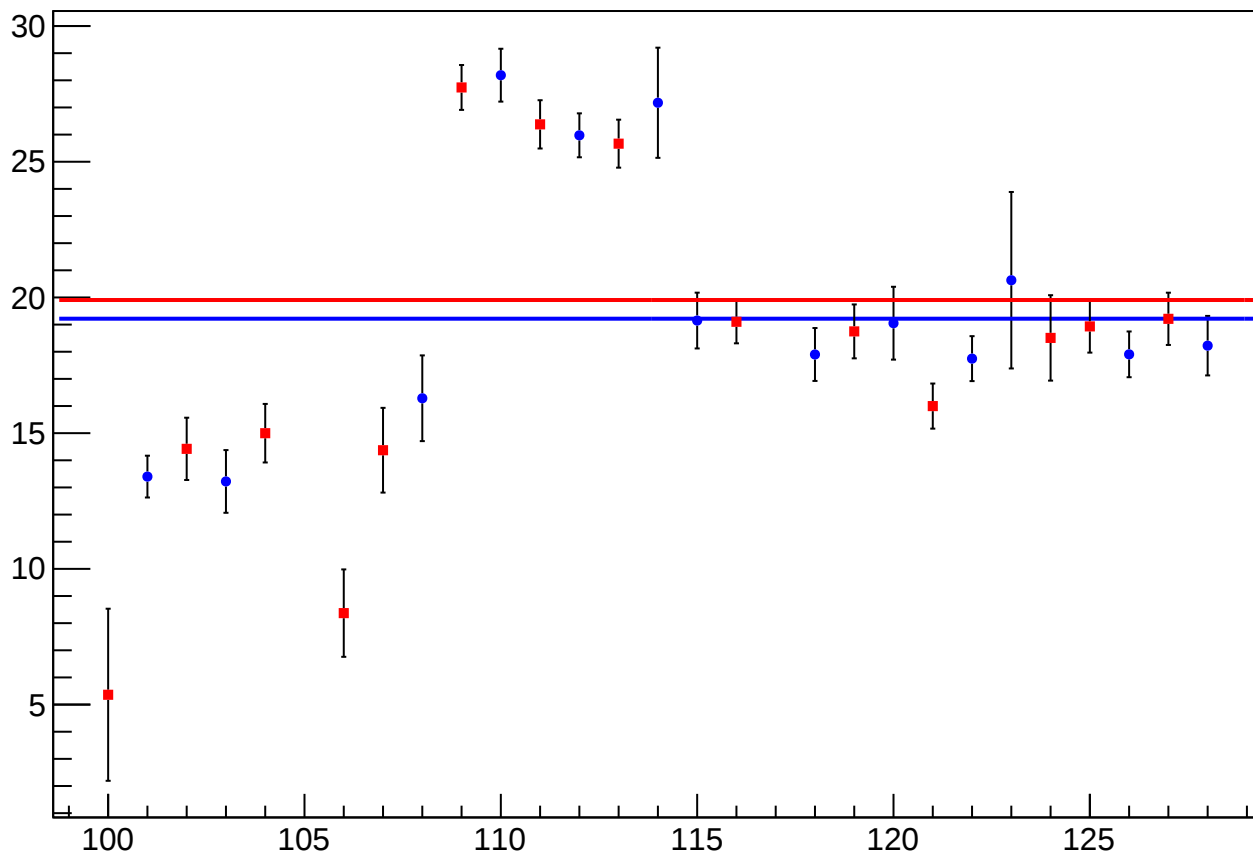
Right: 2.362 $\pm$ 0.109 χ^2 /NDF: 603.0/26

In: 1.984 $\pm$ 0.152 χ^2 /NDF:282.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.362 $\pm$ 0.109 χ^2 /NDF: 603.0/26

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 19.217+/-0.289 χ^2 /NDF: 265.8/12

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

Right Out: 19.906+/-0.276 χ^2 /NDF: 340.5/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

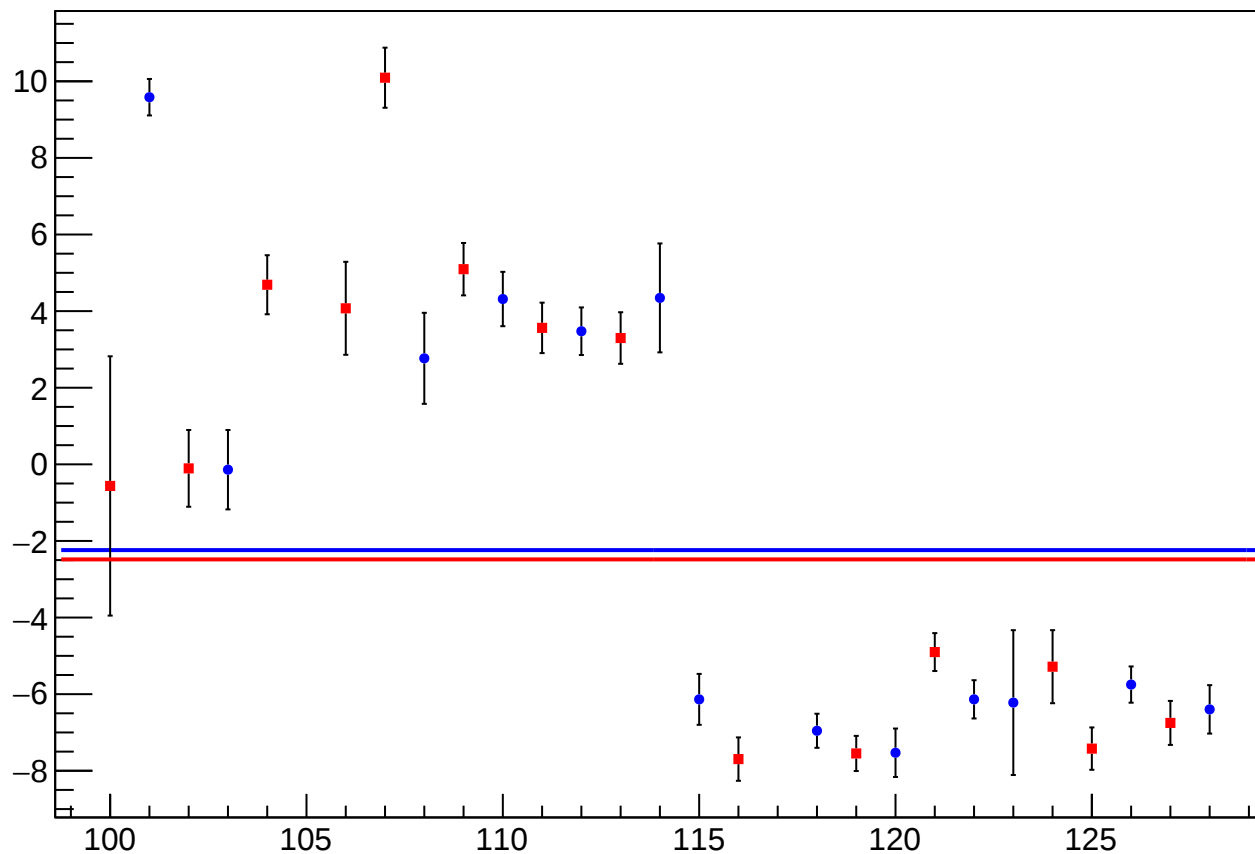
Right: 19.577+/-0.199 χ^2 /NDF: 609.2/26

In: 19.217+/-0.289 χ^2 /NDF:265.8/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 19.577+/-0.199 χ^2 /NDF: 609.2/26

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.239+/-0.176 χ^2/NDF : 1210.2/12

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

Right Out: -2.483+/-0.179 χ^2/NDF : 1033.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

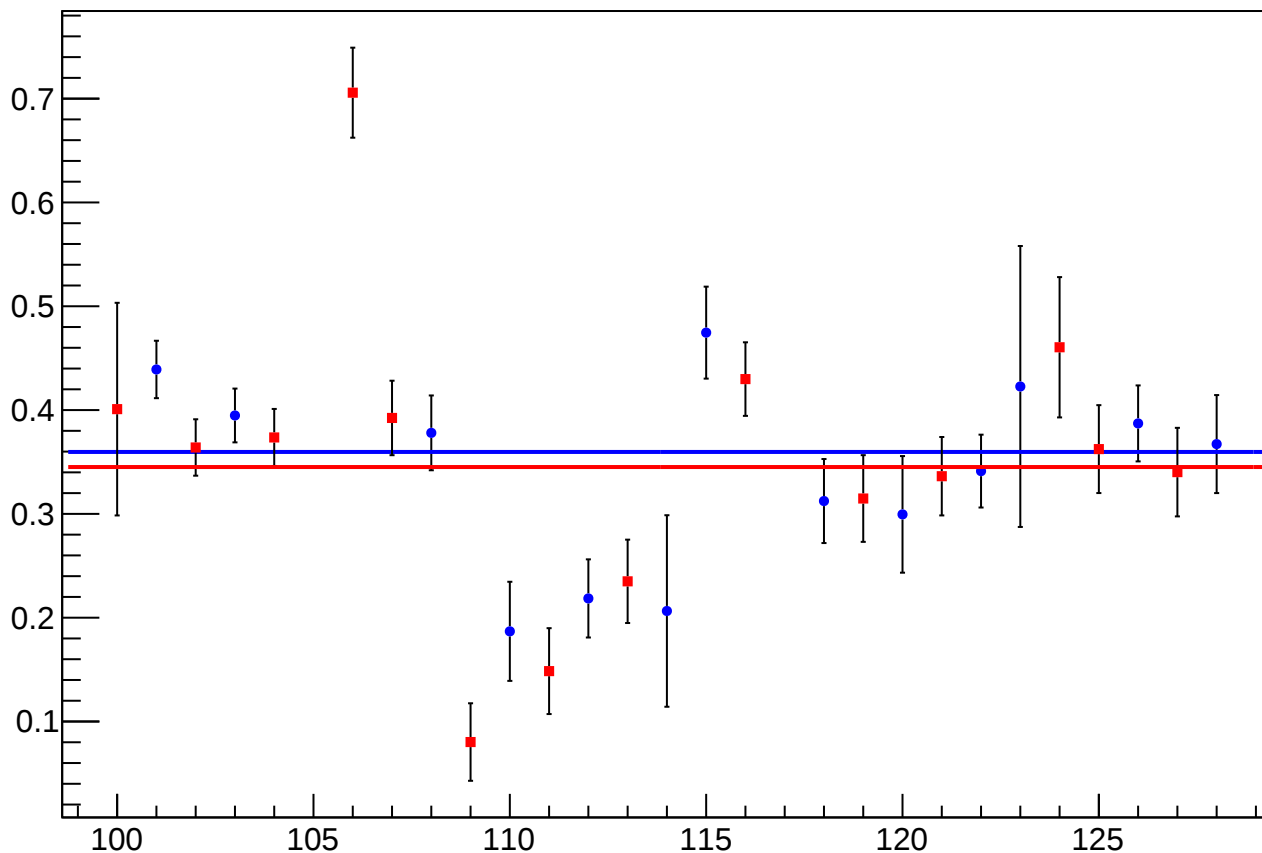
Right: -2.359+/-0.126 χ^2/NDF : 2244.6/26

In: -2.239+/-0.176 χ^2/NDF : 1210.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.359+/-0.126 χ^2/NDF : 2244.6/26

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.360 $\pm$ 0.011 χ^2 /NDF: 50.6/12

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

Right Out: 0.345 $\pm$ 0.010 χ^2 /NDF: 162.6/13

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

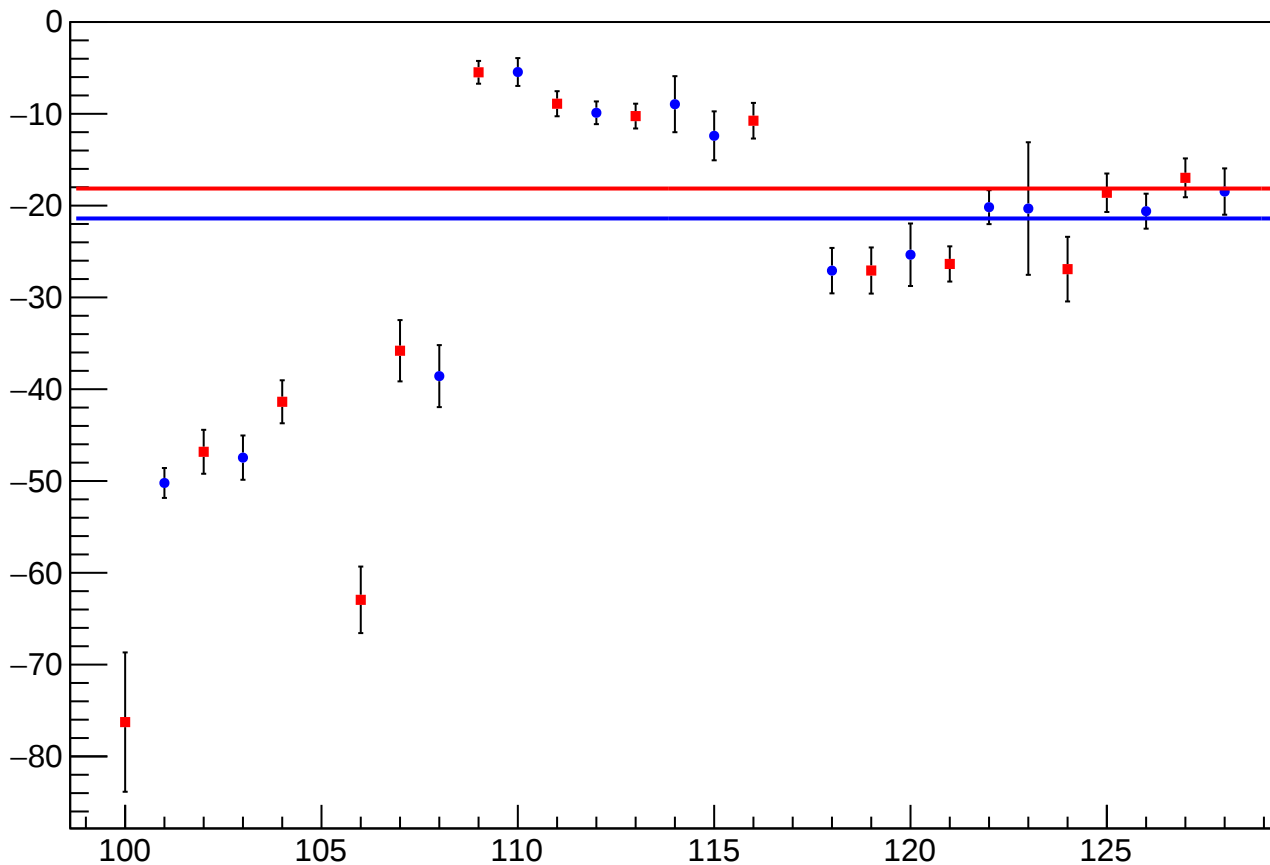
Right: 0.352 $\pm$ 0.008 χ^2 /NDF: 214.1/26

In: 0.360 $\pm$ 0.011 χ^2 /NDF:50.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.352 $\pm$ 0.008 χ^2 /NDF: 214.1/26

reg_asym_sam_12345678_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -21.401 $\pm$ 0.581 χ^2 /NDF: 689.3/12

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

Right Out: -18.140 $\pm$ 0.535 χ^2 /NDF: 717.5/13

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

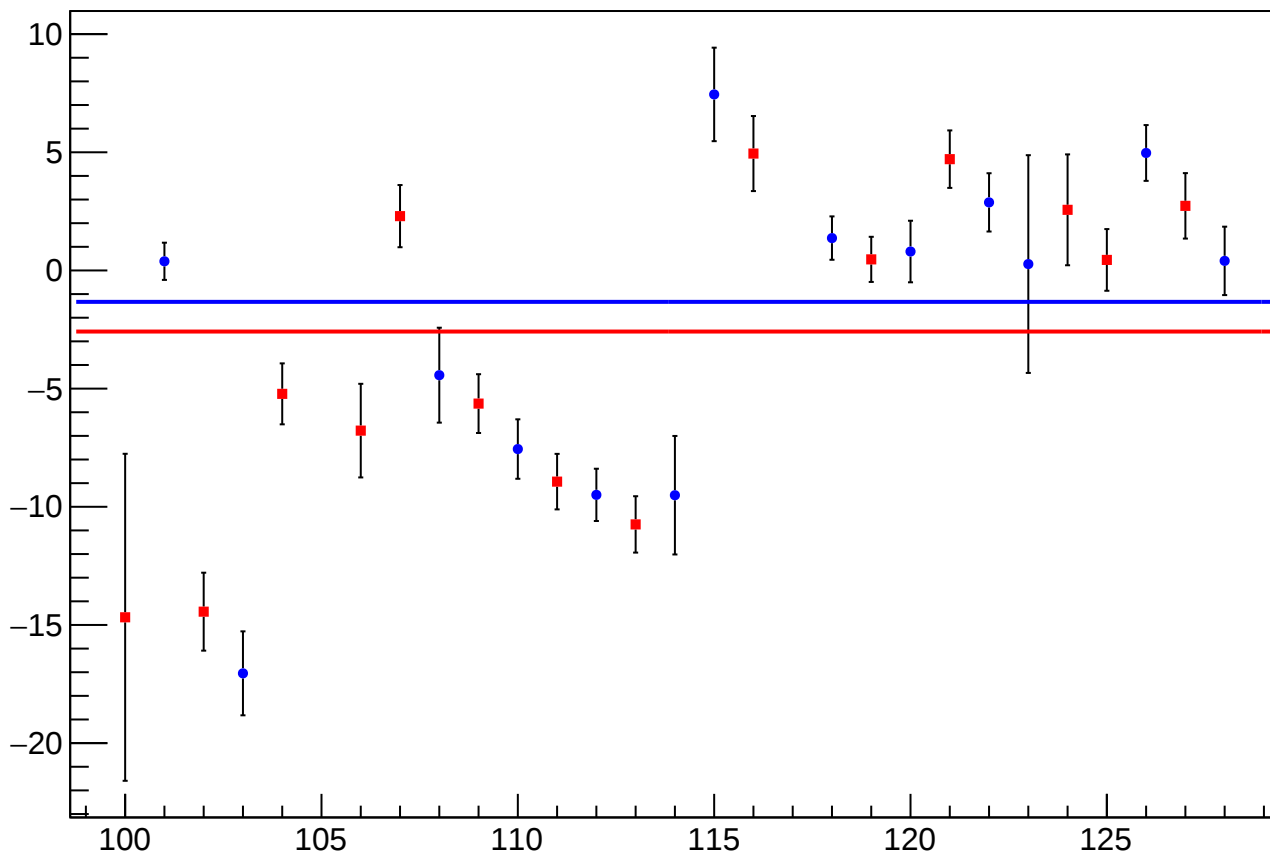
Right: -19.636 $\pm$ 0.393 χ^2 /NDF: 1423.8/26

In: -21.401 $\pm$ 0.581 χ^2 /NDF:689.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -19.636 $\pm$ 0.393 χ^2 /NDF: 1423.8/26

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.329+/-0.360 χ^2 /NDF: 247.9/12

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

Right Out: -2.585+/-0.369 χ^2 /NDF: 252.9/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

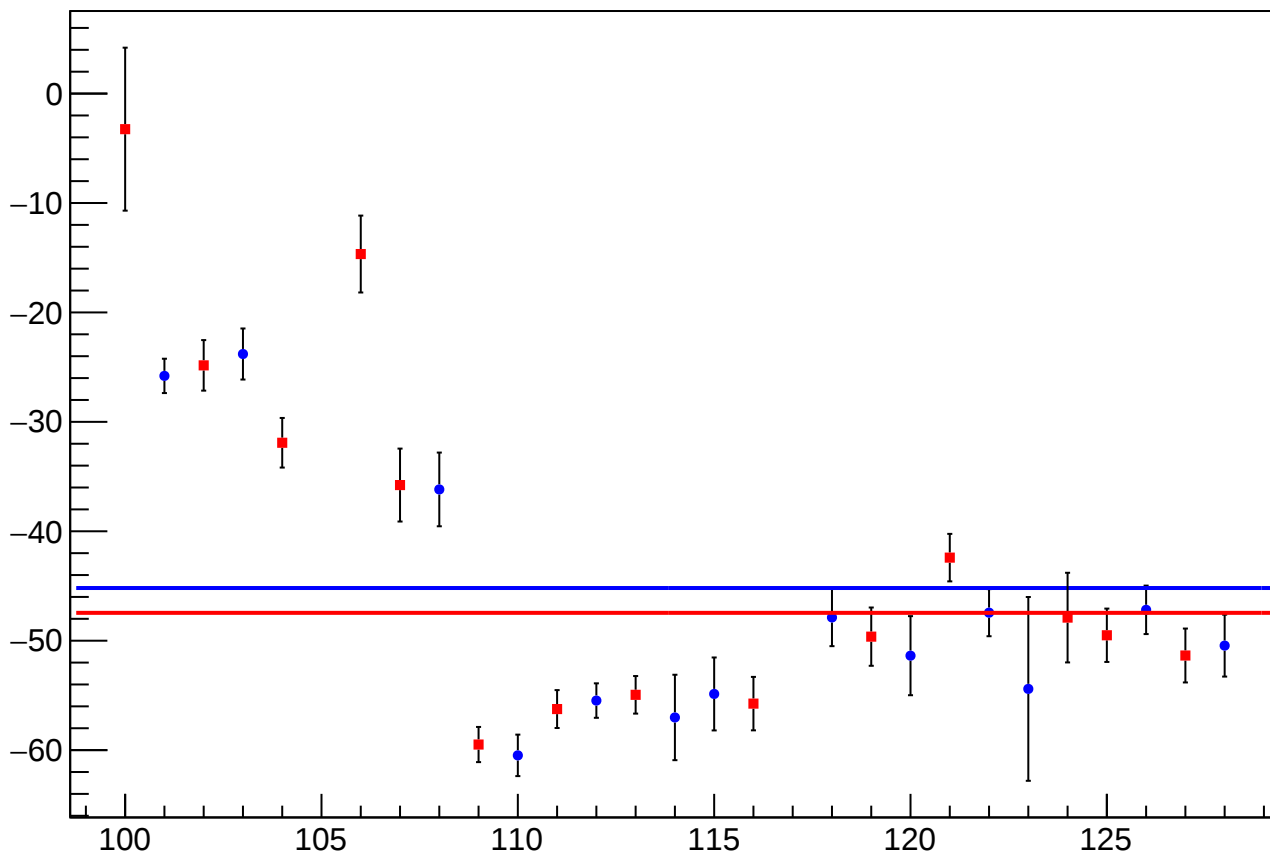
Right: -1.942+/-0.258 χ^2 /NDF: 506.7/26

In: -1.329+/-0.360 χ^2 /NDF:247.9/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1.942+/-0.258 χ^2 /NDF: 506.7/26

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.185+/-0.660 χ^2/NDF : 379.7/12

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

Right Out: -47.454+/-0.627 χ^2/NDF : 399.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

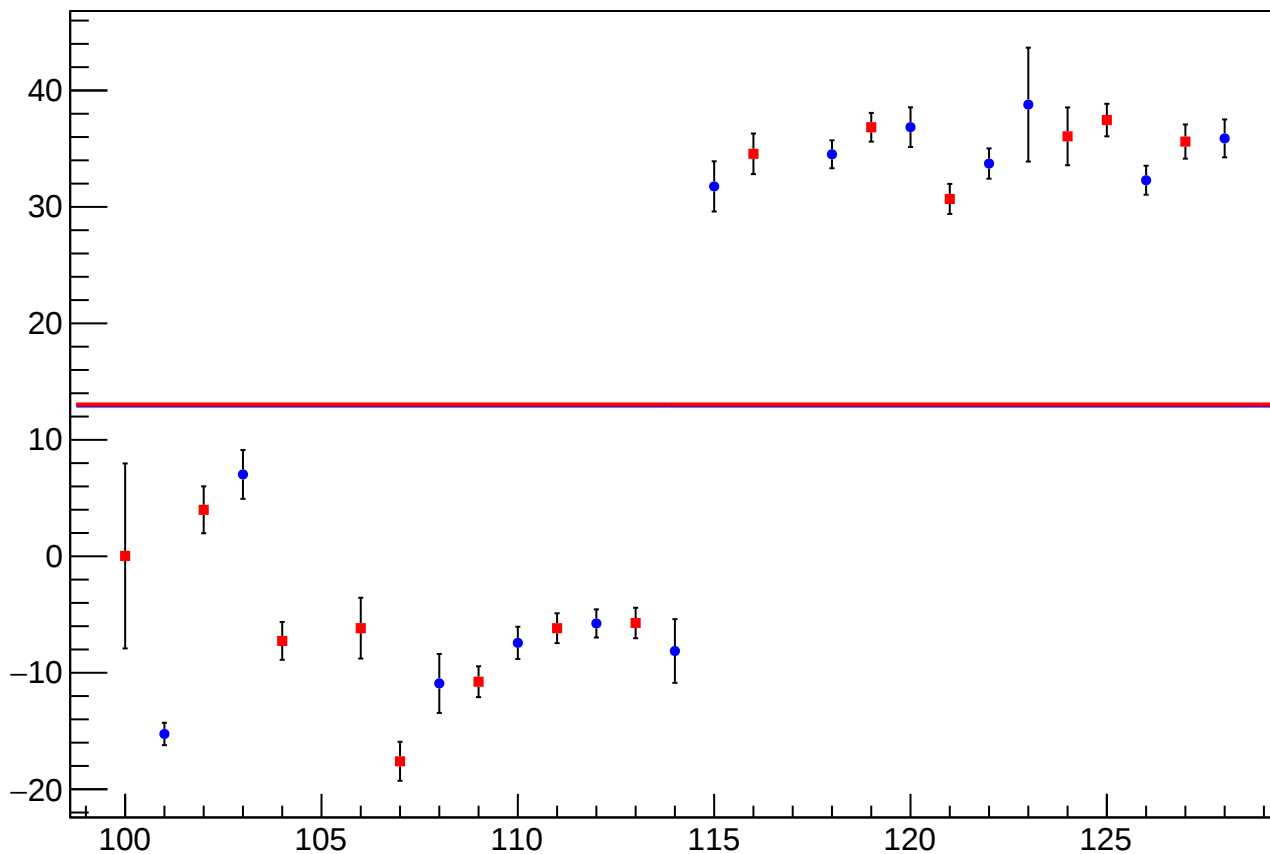
Right: -46.378+/-0.455 χ^2/NDF : 785.1/26

In: -45.185+/-0.660 χ^2/NDF : 379.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -46.378+/-0.455 χ^2/NDF : 785.1/26

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.946 $\pm$ 0.418 χ^2 /NDF: 2795.6/12

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

Right Out: 13.036 $\pm$ 0.421 χ^2 /NDF: 2662.5/13

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

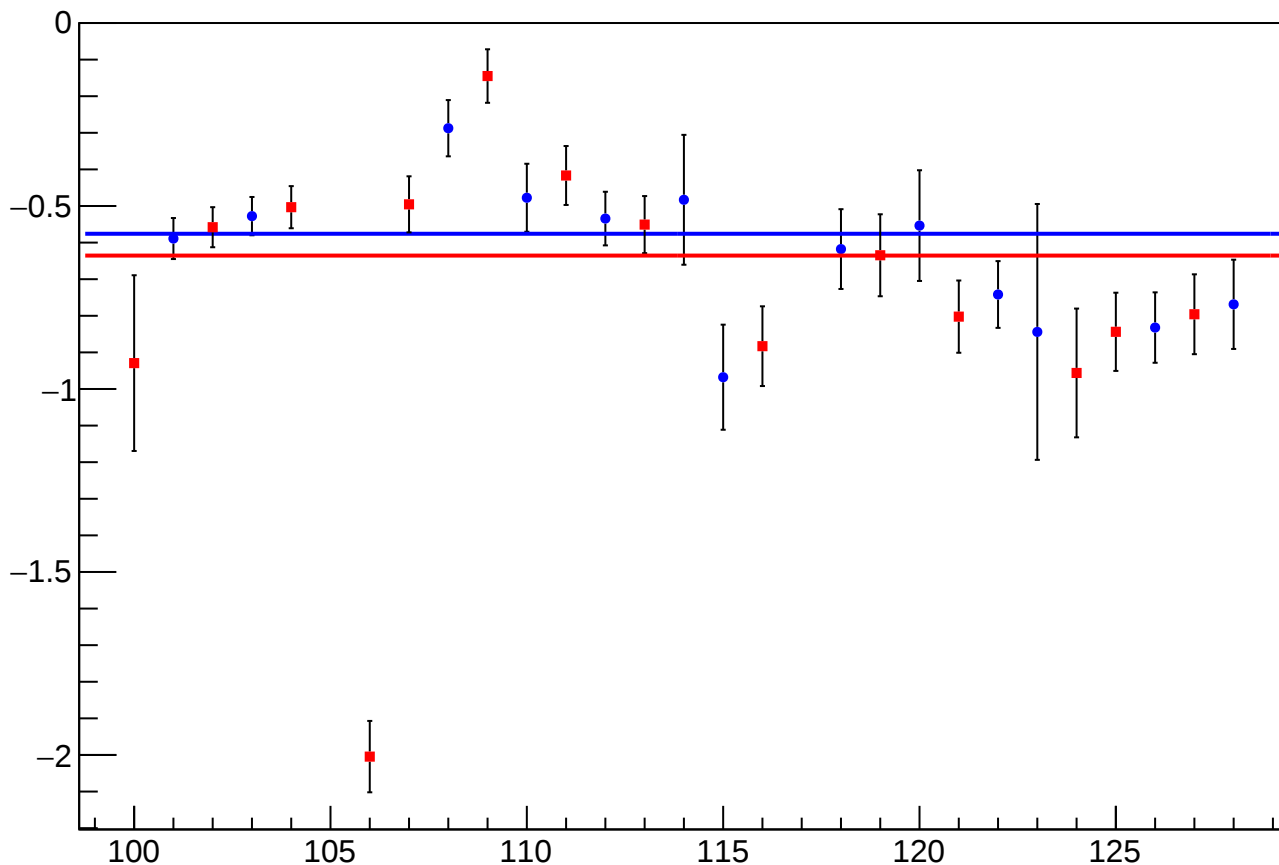
Right: 12.991 $\pm$ 0.297 χ^2 /NDF: 5458.1/26

In: 12.946 $\pm$ 0.418 χ^2 /NDF:2795.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 12.991 $\pm$ 0.297 χ^2 /NDF: 5458.1/26

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.576 $\pm$ 0.024 χ^2 /NDF: 37.8/12

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

Right Out: -0.635 $\pm$ 0.023 χ^2 /NDF: 280.1/13

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

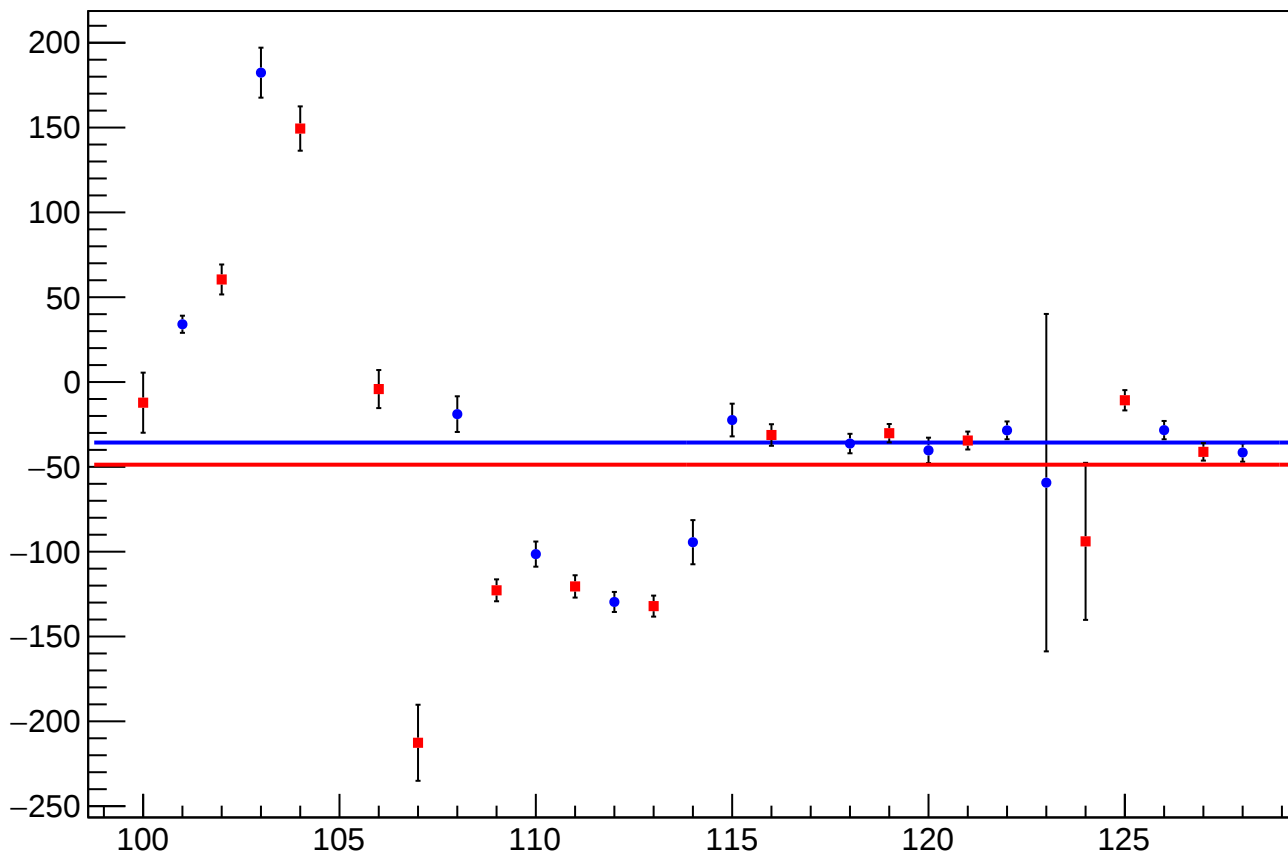
Right: -0.608 $\pm$ 0.017 χ^2 /NDF: 321.1/26

In: -0.576 $\pm$ 0.024 χ^2 /NDF:37.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.608 $\pm$ 0.017 χ^2 /NDF: 321.1/26

reg_asym_atl1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -35.665 ± 1.927 $\chi^2/\text{NDF}: 771.4/12$

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

Right Out: -48.721 ± 1.941 $\chi^2/\text{NDF}: 957.9/13$

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

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

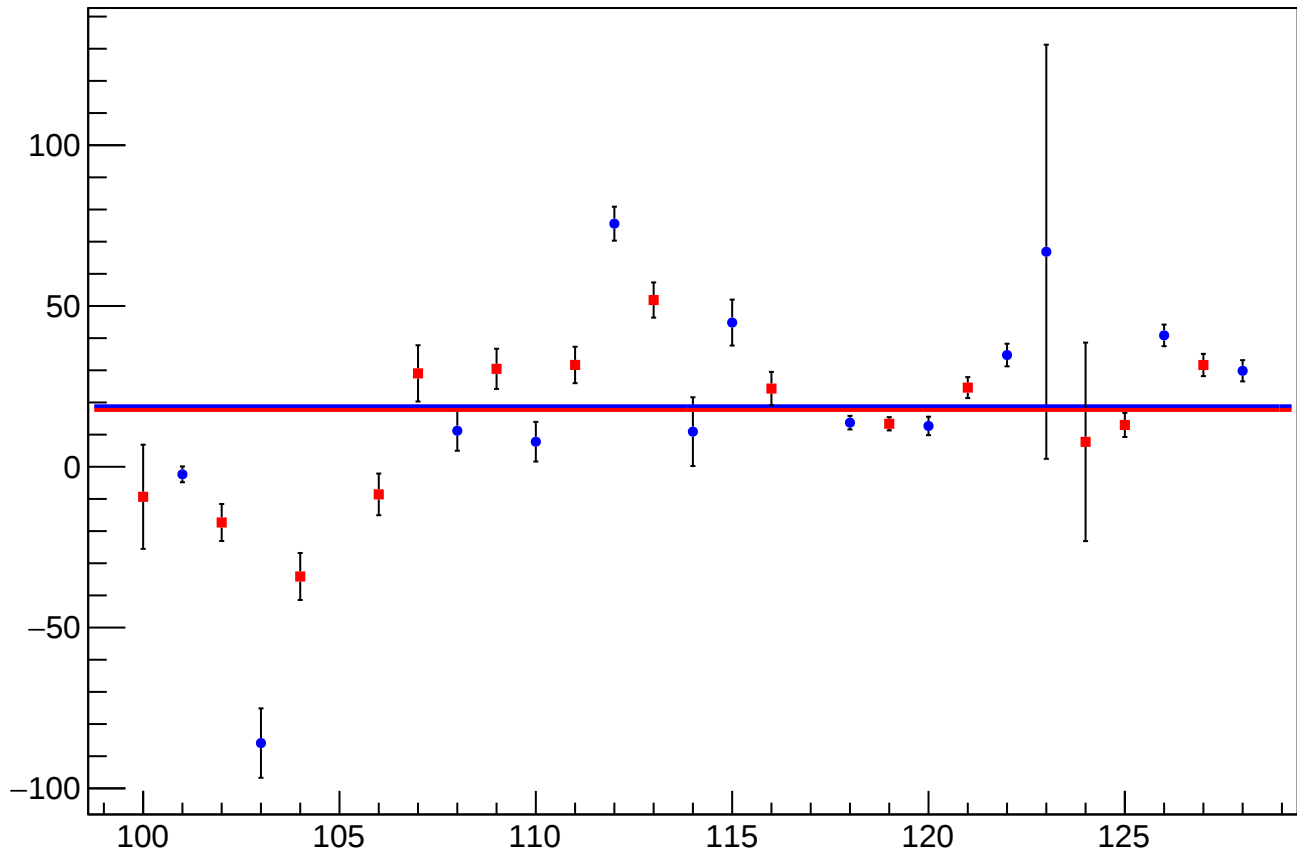
Right: -42.146 ± 1.367 $\chi^2/\text{NDF}: 1752.1/26$

In: -35.665 ± 1.927 $\chi^2/\text{NDF}: 771.4/12$

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

All: -42.146 ± 1.367 $\chi^2/\text{NDF}: 1752.1/26$

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.807 $\pm$ 1.057 χ^2 /NDF: 387.6/12

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

Right Out: 17.688 $\pm$ 1.193 χ^2 /NDF: 185.9/13

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

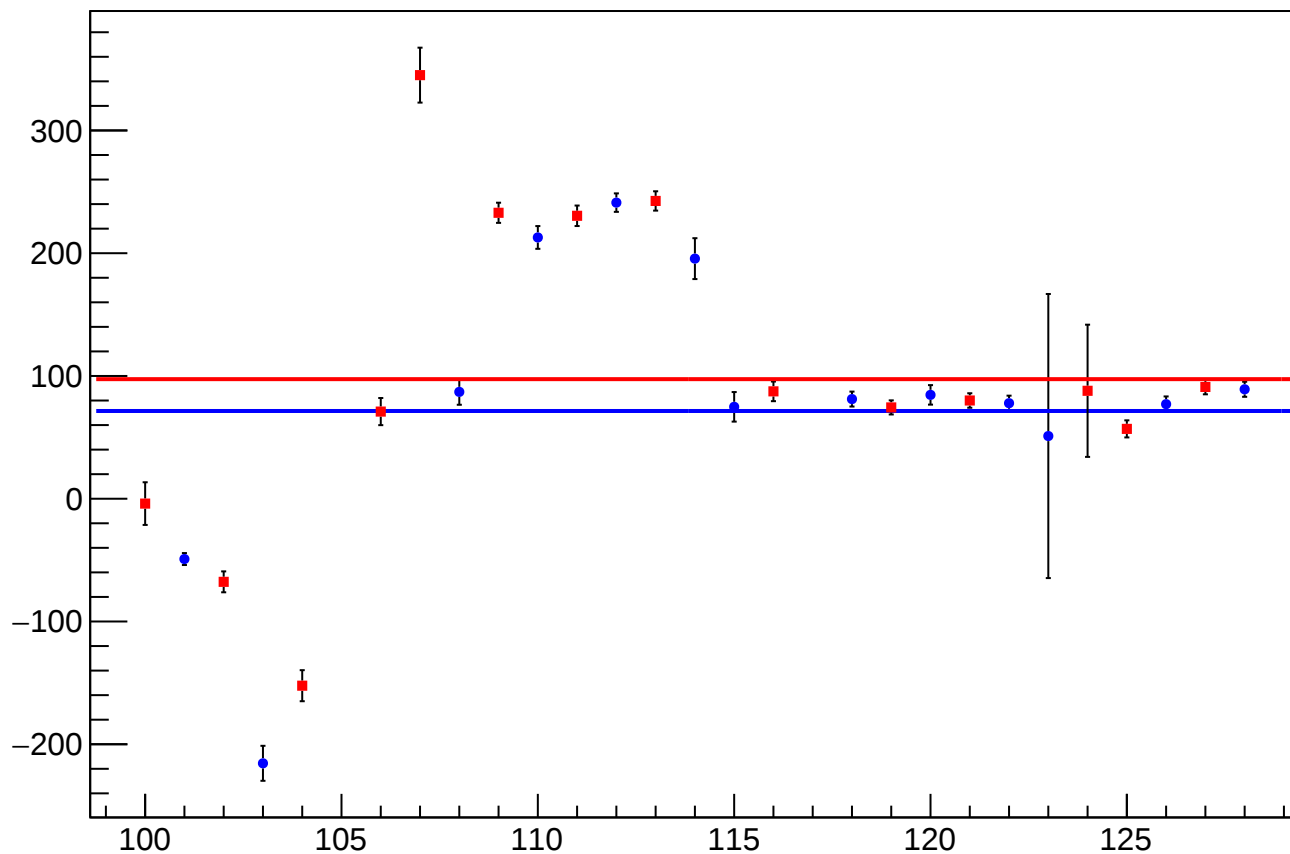
Right: 18.315 $\pm$ 0.791 χ^2 /NDF: 574.0/26

In: 18.807 $\pm$ 1.057 χ^2 /NDF: 387.6/12

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

All: 18.315 $\pm$ 0.791 χ^2 /NDF: 574.0/26

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 71.477+/-2.144 χ^2 /NDF: 1834.9/12

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

Right Out: 97.412+/-2.224 χ^2 /NDF: 1855.9/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

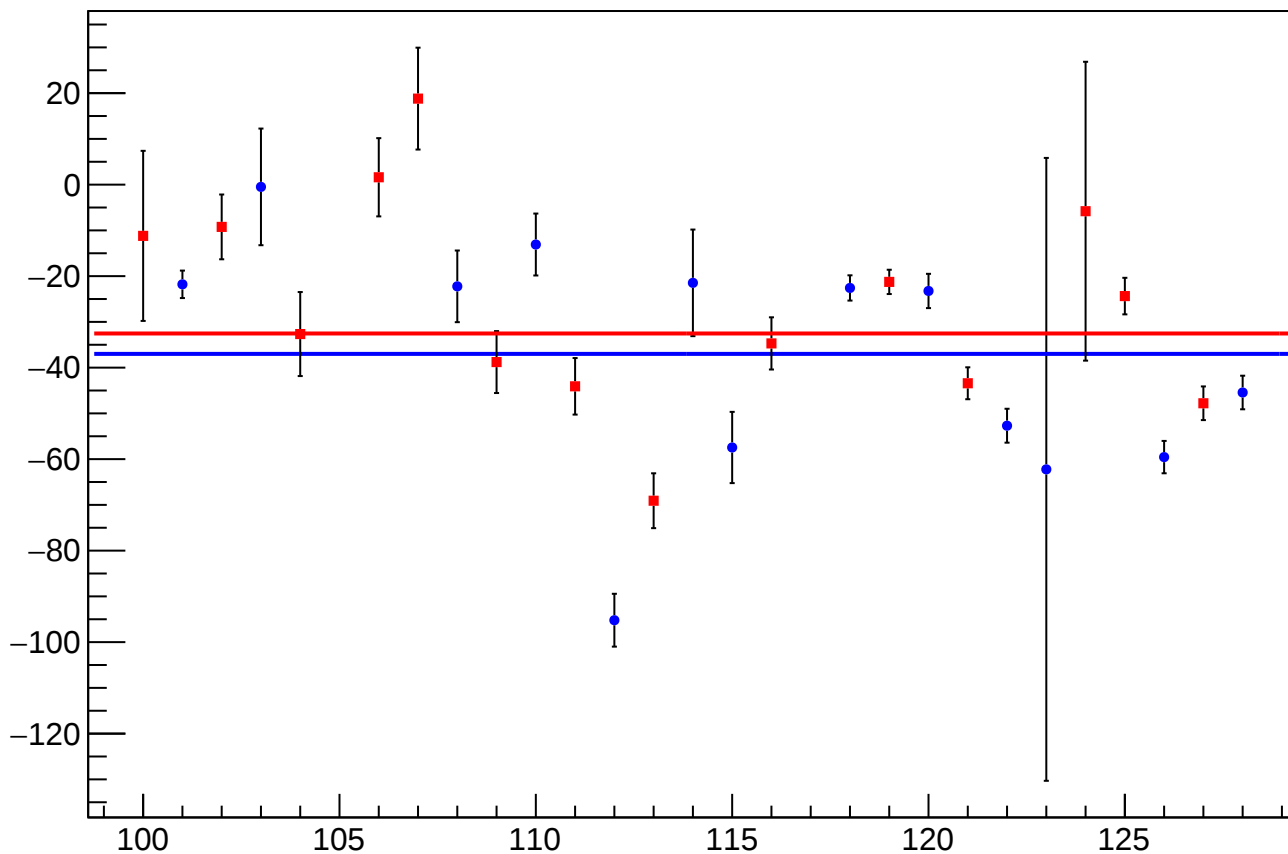
Right: 83.971+/-1.544 χ^2 /NDF: 3761.2/26

In: 71.477+/-2.144 χ^2 /NDF:1834.9/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 83.971+/-1.544 χ^2 /NDF: 3761.2/26

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -36.994 ± 1.251 χ^2/NDF : 265.0/12

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

Right Out: -32.534 ± 1.381 χ^2/NDF : 140.8/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

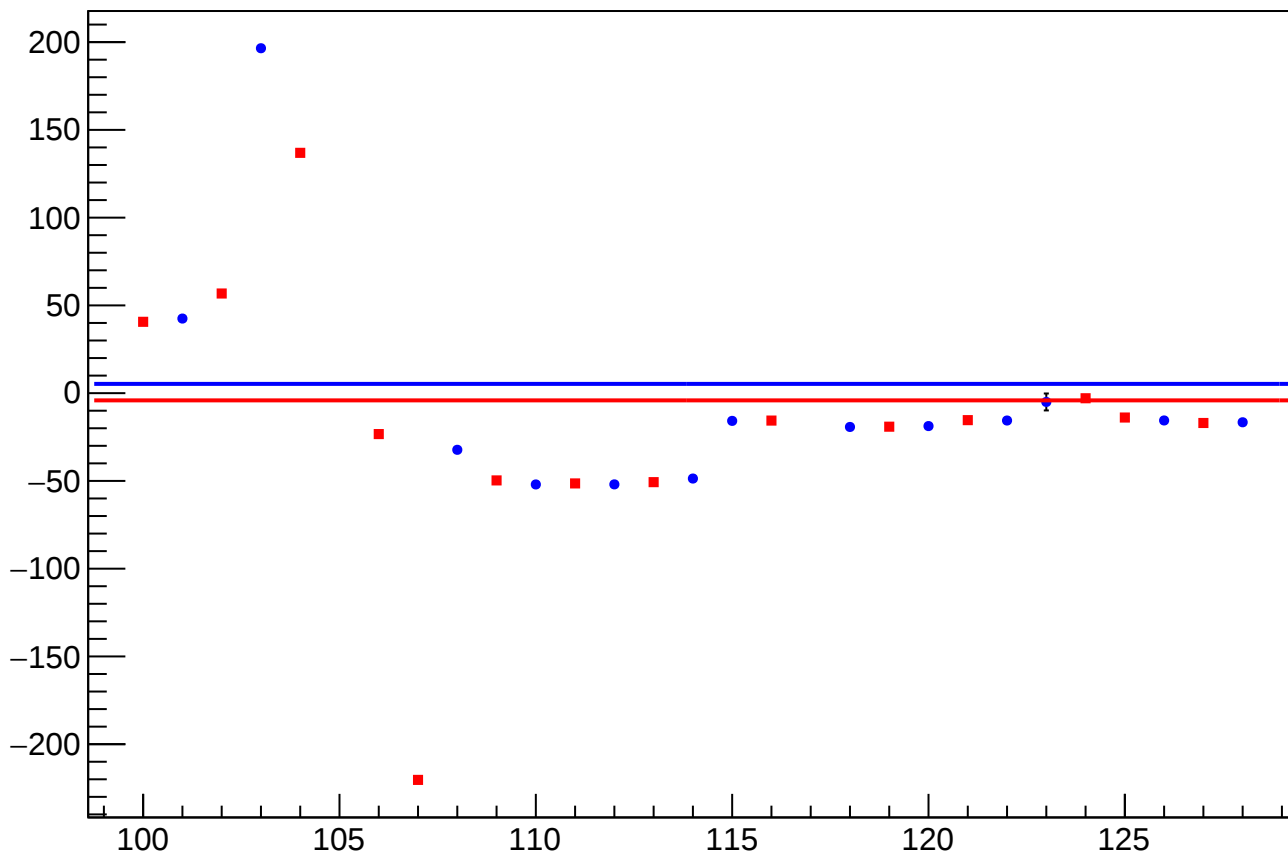
Right: -34.983 ± 0.927 χ^2/NDF : 411.6/26

In: -36.994 ± 1.251 χ^2/NDF : 265.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.983 ± 0.927 χ^2/NDF : 411.6/26

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 5.281+/-0.083 χ^2/NDF : 511842.9/12

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

Right Out: -4.110+/-0.084 χ^2/NDF : 528213.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

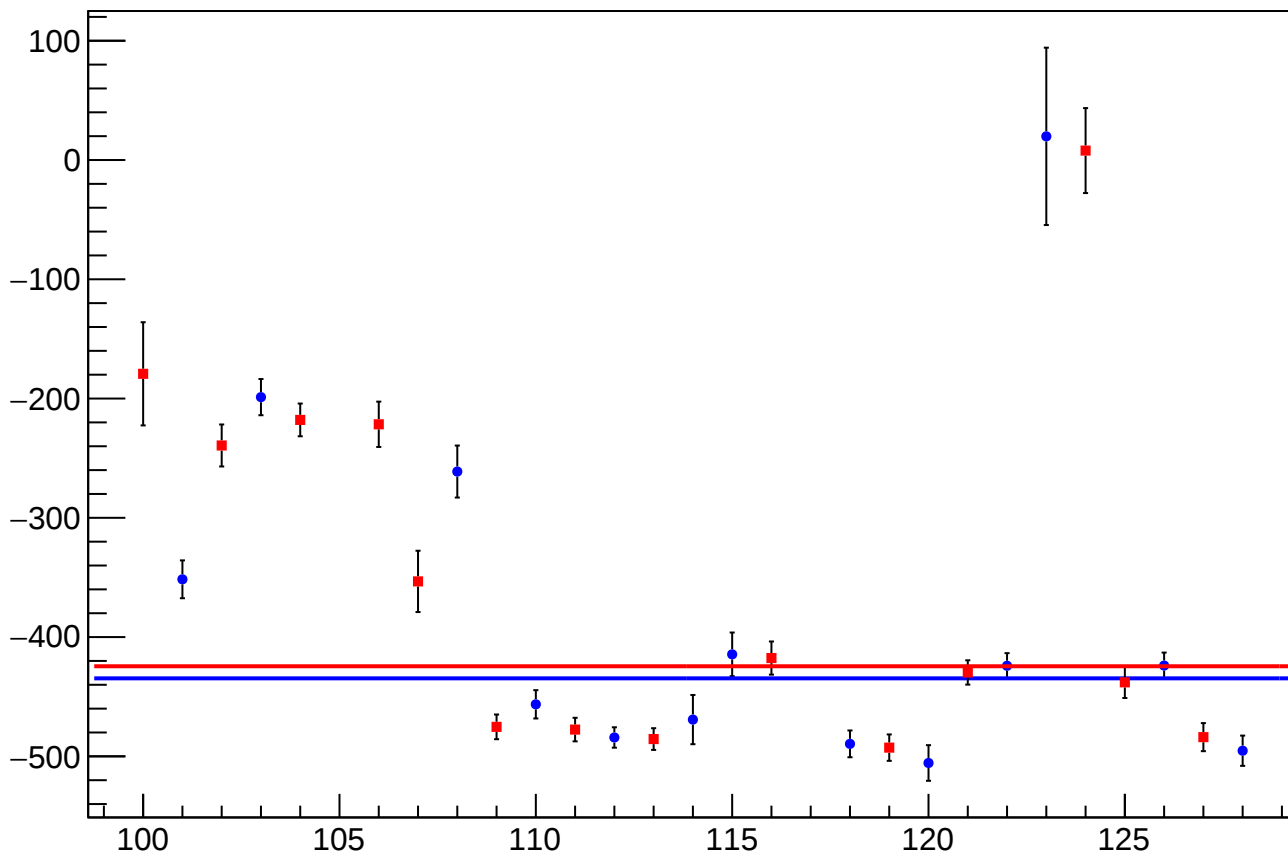
Right: 0.681+/-0.059 χ^2/NDF : 1046365.3/26

In: 5.281+/-0.083 χ^2/NDF : 511842.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.681+/-0.059 χ^2/NDF : 1046365.3/26

reg_asym_atl2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -434.606+/-3.710 χ^2/NDF : 481.5/12

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

Right Out: -424.462+/-3.497 χ^2/NDF : 801.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

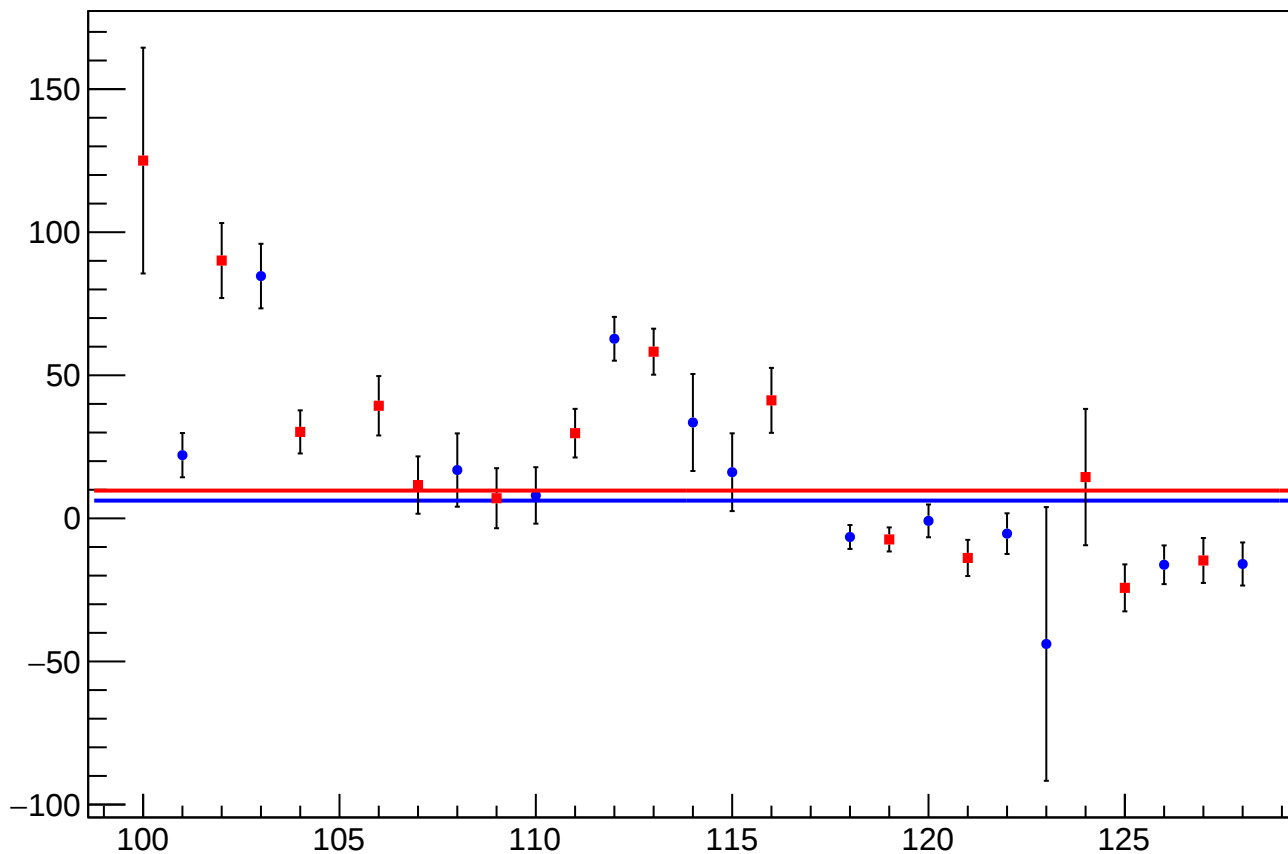
Right: -429.235+/-2.545 χ^2/NDF : 1286.6/26

In: -434.606+/-3.710 χ^2/NDF : 481.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -429.235+/-2.545 χ^2/NDF : 1286.6/26

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.210+/-2.158 χ^2/NDF : 145.2/12

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

Right Out: 9.714+/-2.214 χ^2/NDF : 168.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

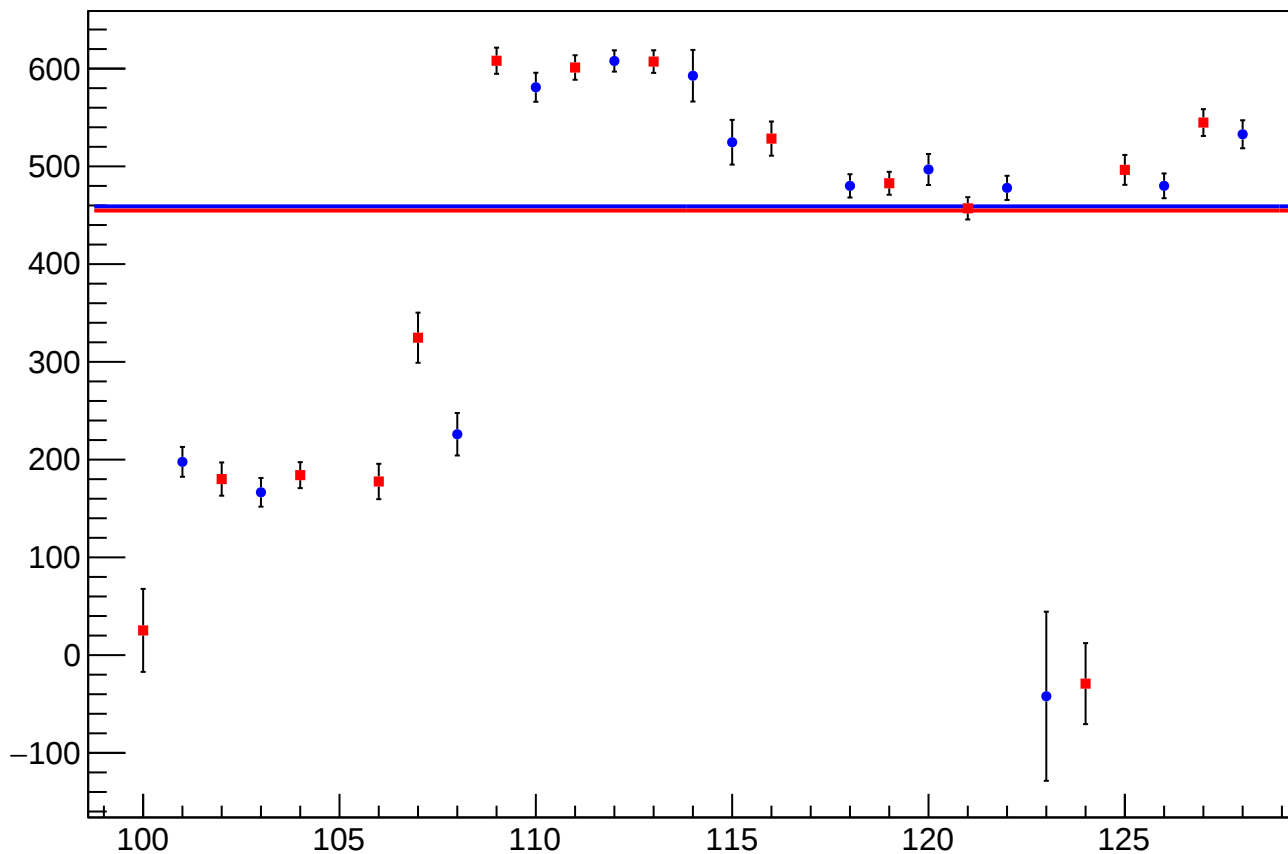
Right: 7.917+/-1.545 χ^2/NDF : 315.3/26

In: 6.210+/-2.158 χ^2/NDF : 145.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.917+/-1.545 χ^2/NDF : 315.3/26

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 459.061+/-4.220 χ^2/NDF : 1165.9/12

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

Right Out: 454.795+/-4.014 χ^2/NDF : 1690.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

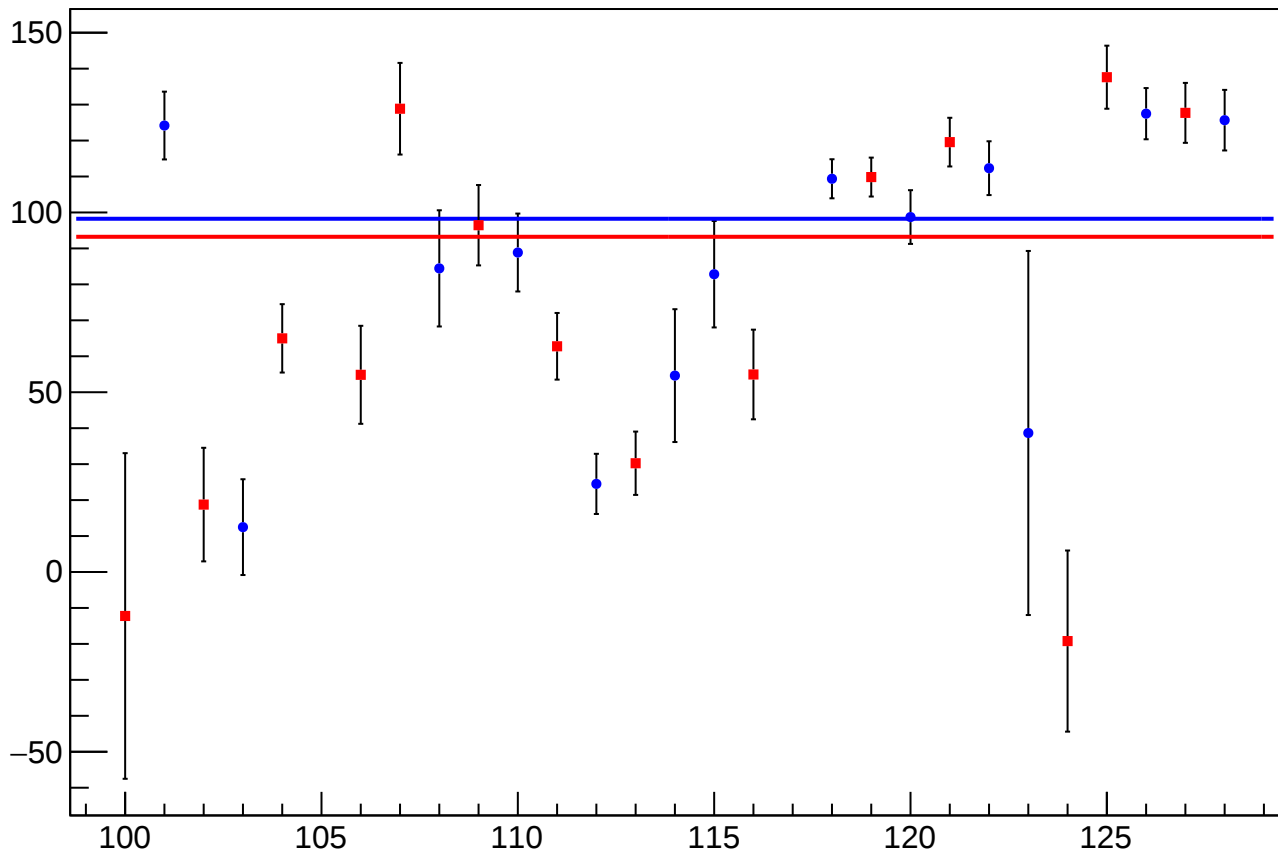
Right: 456.821+/-2.908 χ^2/NDF : 2856.8/26

In: 459.061+/-4.220 χ^2/NDF : 1165.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 456.821+/-2.908 χ^2/NDF : 2856.8/26

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 98.248+/-2.541 χ^2/NDF : 171.4/12

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

Right Out: 93.235+/-2.574 χ^2/NDF : 210.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

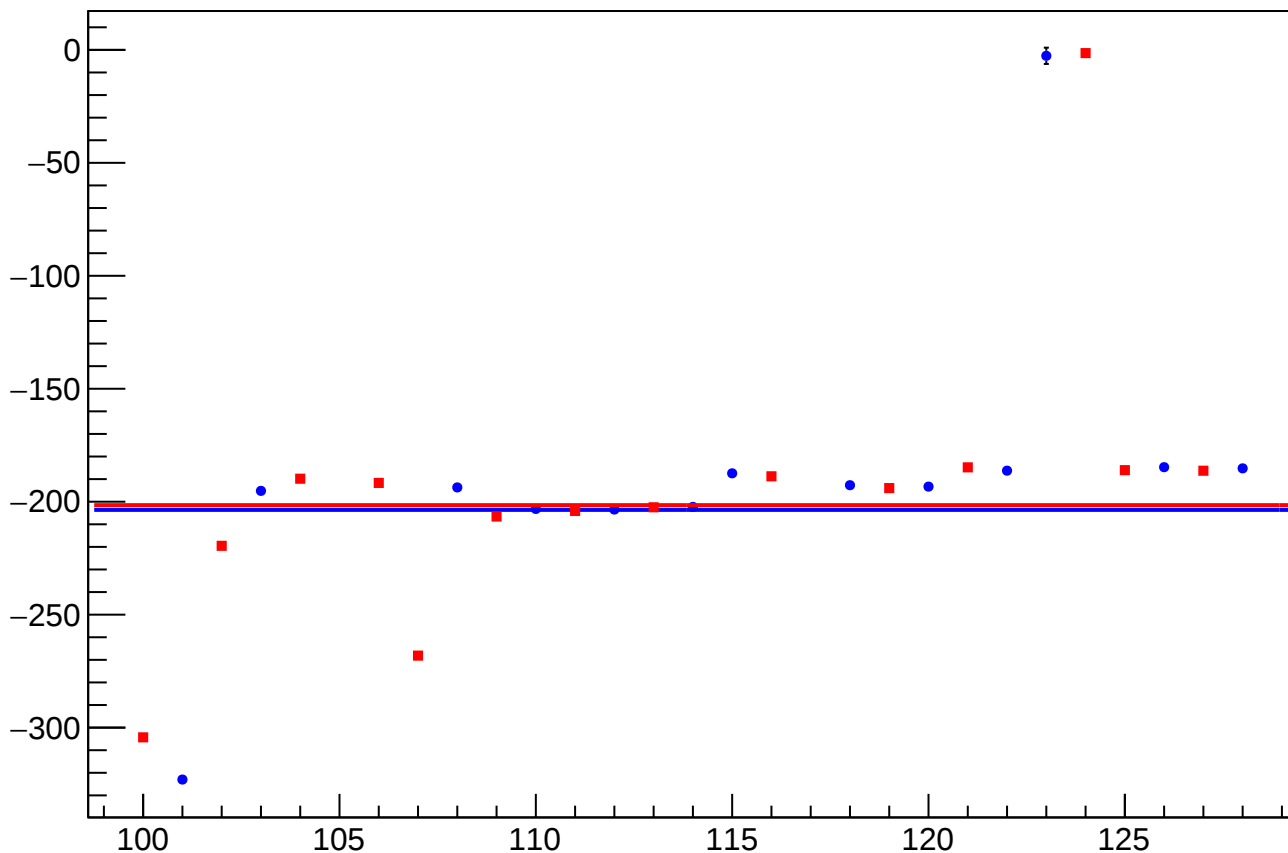
Right: 95.774+/-1.808 χ^2/NDF : 384.2/26

In: 98.248+/-2.541 χ^2/NDF : 171.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.774+/-1.808 χ^2/NDF : 384.2/26

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -203.615+/-0.158 χ^2/NDF : 55309.9/12

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

Right Out: -201.523+/-0.148 χ^2/NDF : 37381.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

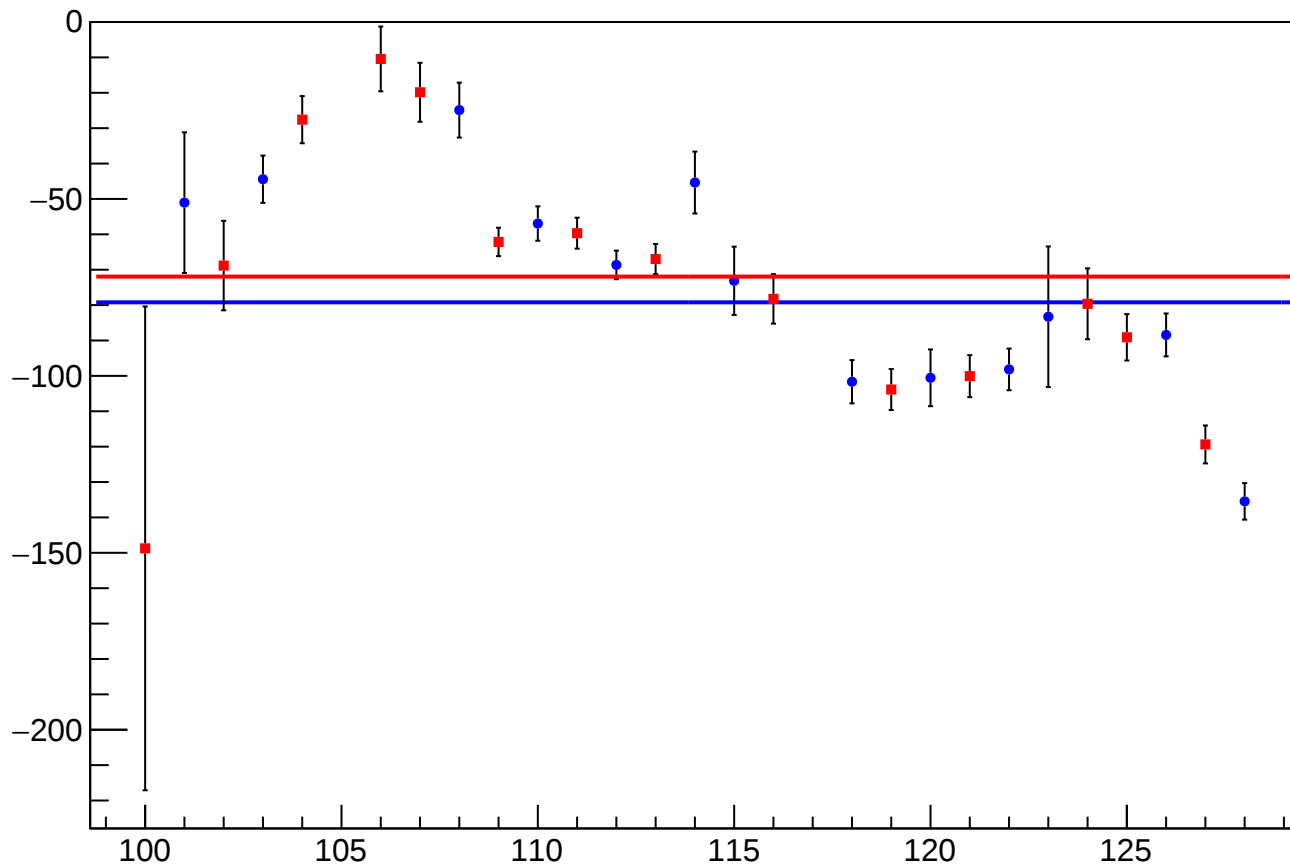
Right: -202.497+/-0.108 χ^2/NDF : 92784.7/26

In: -203.615+/-0.158 χ^2/NDF : 55309.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -202.497+/-0.108 χ^2/NDF : 92784.7/26

reg_asym_atr1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -79.216 $\pm$ 1.803 χ^2 /NDF: 273.6/12

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

Right Out: -71.943 $\pm$ 1.640 χ^2 /NDF: 284.5/13

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

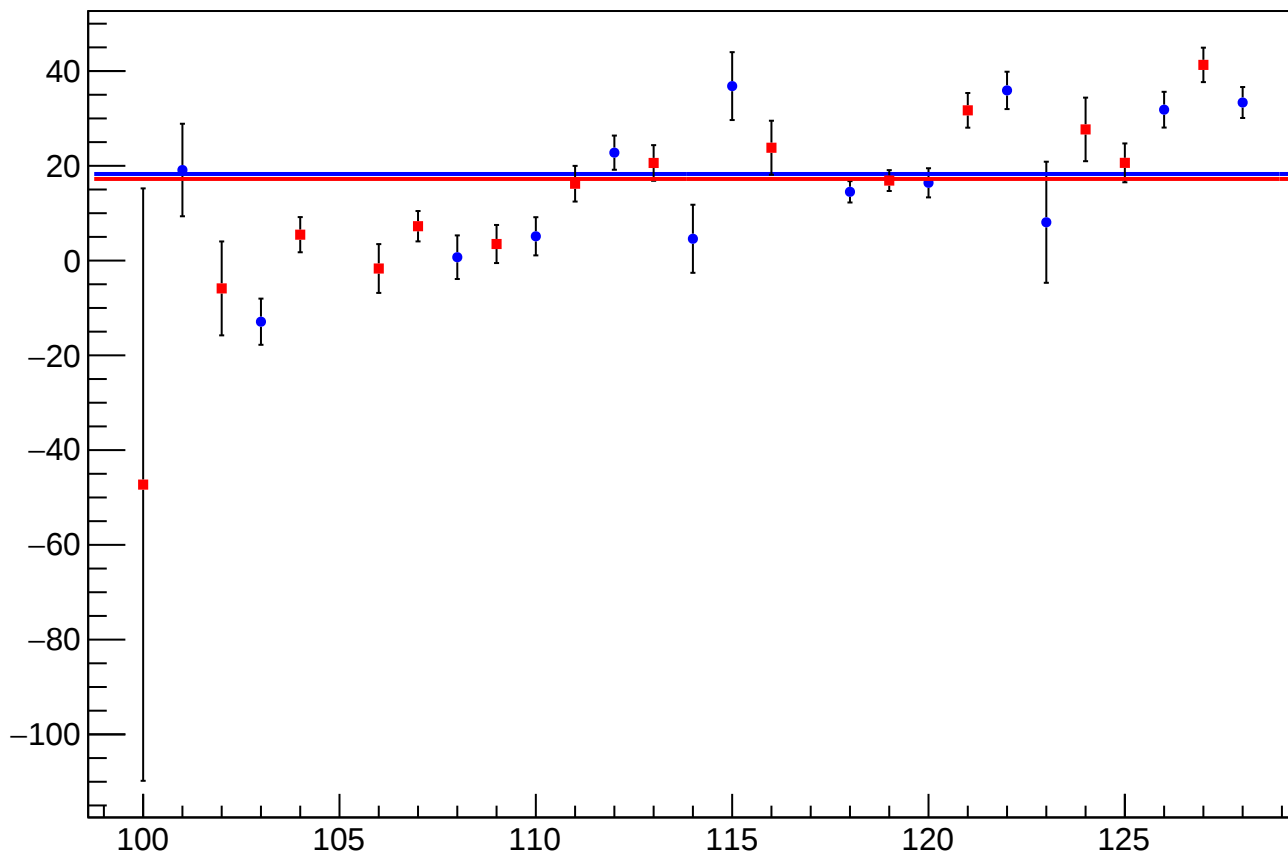
Right: -75.237 $\pm$ 1.213 χ^2 /NDF: 567.0/26

In: -79.216 $\pm$ 1.803 χ^2 /NDF:273.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -75.237 $\pm$ 1.213 χ^2 /NDF: 567.0/26

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.278+/-1.108 χ^2 /NDF: 136.1/12

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

Right Out: 17.231+/-1.060 χ^2 /NDF: 116.2/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

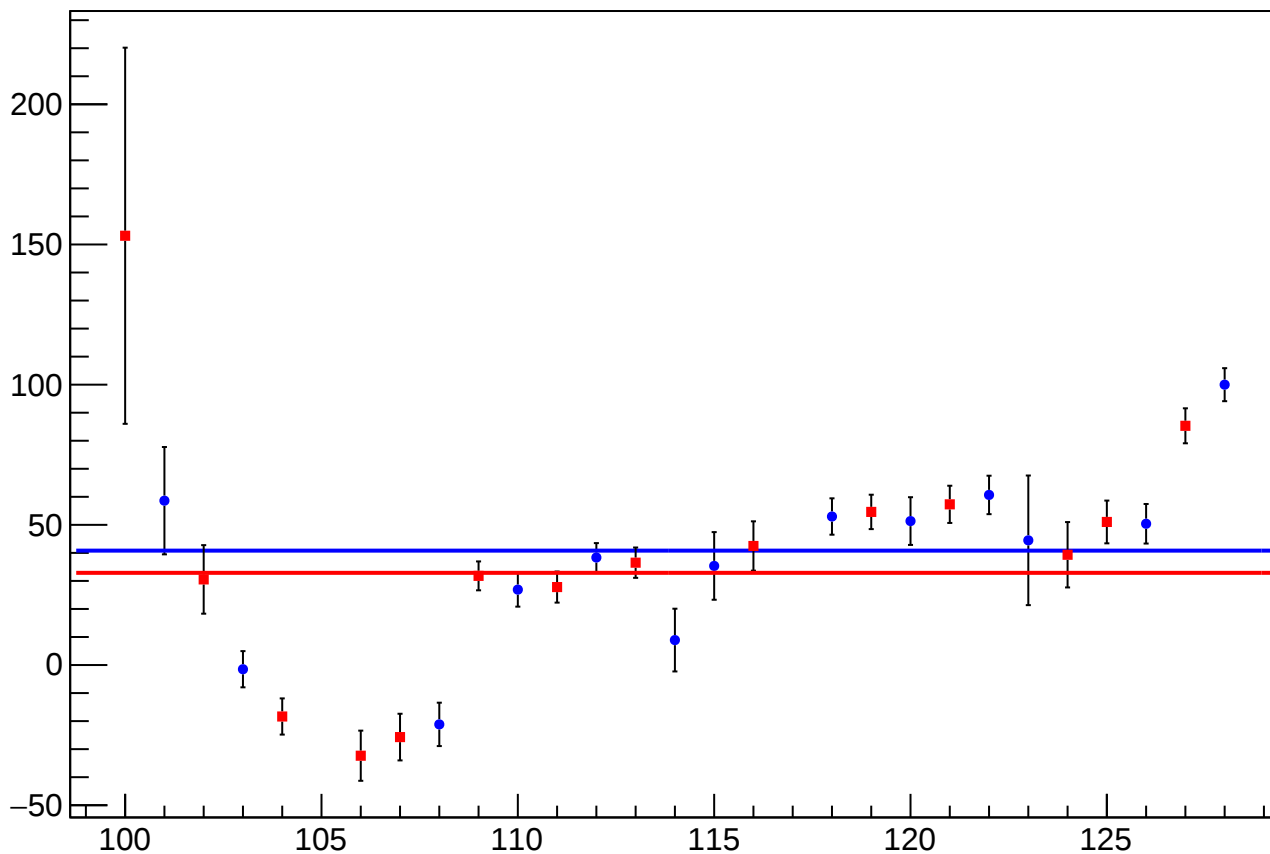
Right: 17.731+/-0.766 χ^2 /NDF: 252.8/26

In: 18.278+/-1.108 χ^2 /NDF:136.1/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 17.731+/-0.766 χ^2 /NDF: 252.8/26

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 40.806 $\pm$ 2.072 χ^2 /NDF: 238.1/12

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

Right Out: 32.884 $\pm$ 1.908 χ^2 /NDF: 274.3/13

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

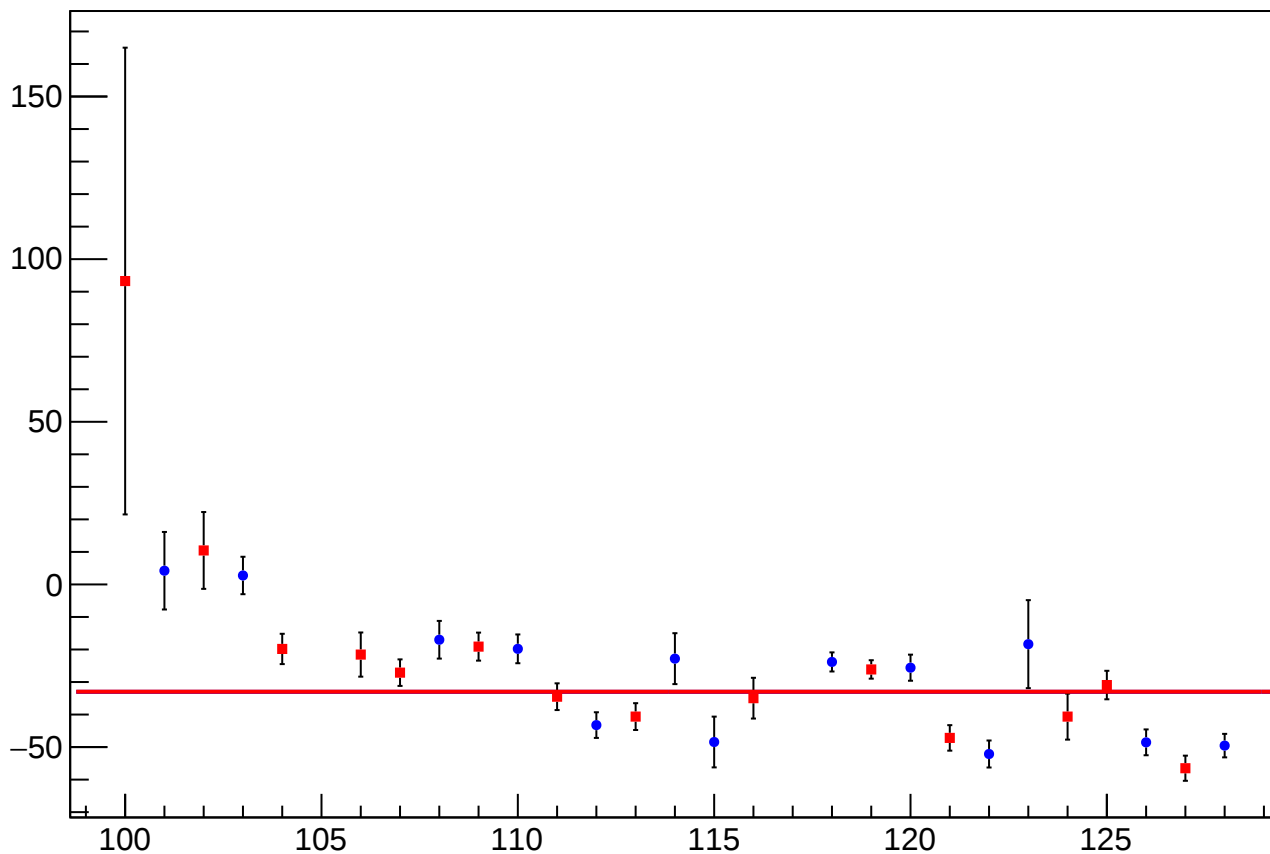
Right: 36.519 $\pm$ 1.404 χ^2 /NDF: 520.3/26

In: 40.806 $\pm$ 2.072 χ^2 /NDF:238.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 36.519 $\pm$ 1.404 χ^2 /NDF: 520.3/26

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.020+/-1.294 χ^2/NDF : 149.1/12

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

Right Out: -32.971+/-1.230 χ^2/NDF : 100.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

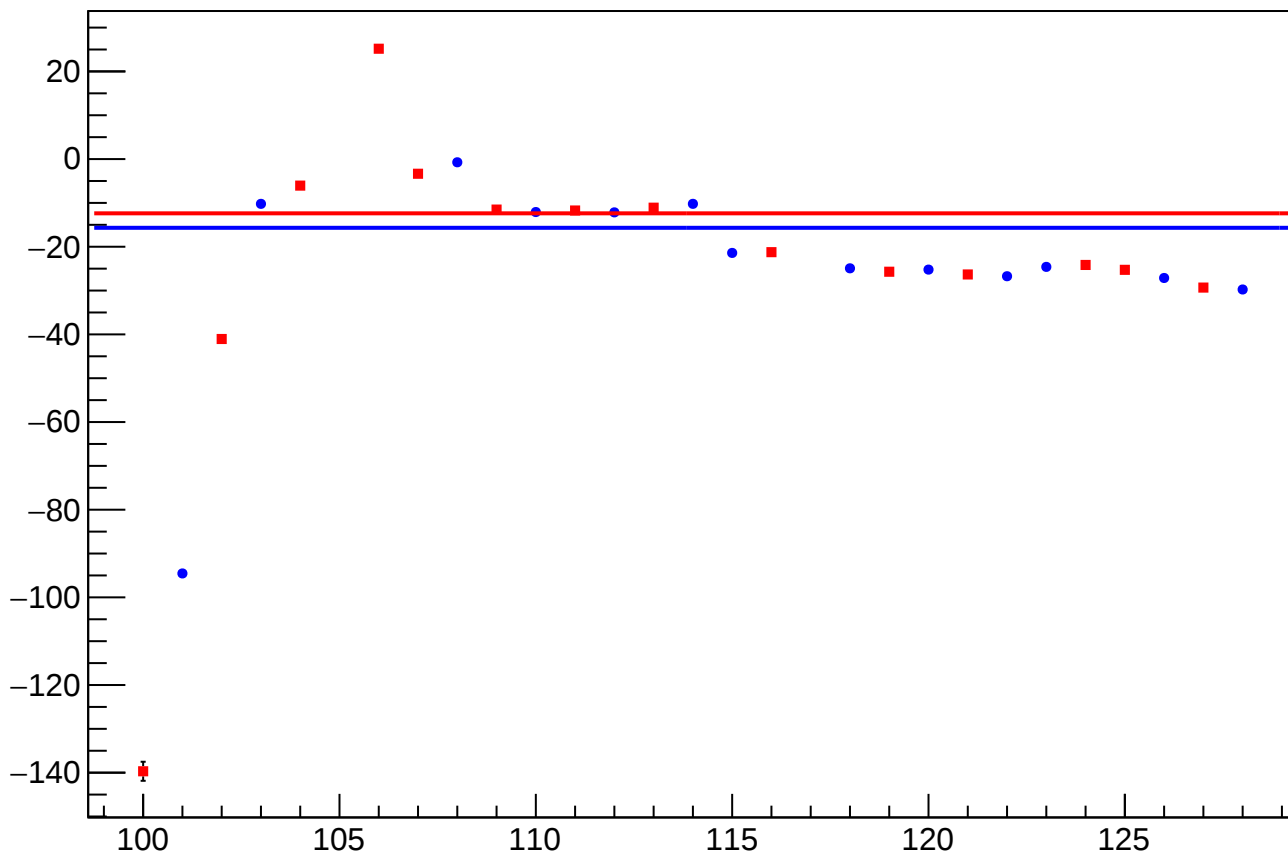
Right: -32.995+/-0.892 χ^2/NDF : 250.0/26

In: -33.020+/-1.294 χ^2/NDF : 149.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.995+/-0.892 χ^2/NDF : 250.0/26

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -15.680 $\pm$ 0.075 χ^2 /NDF: 30324.2/12

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

Right Out: -12.379 $\pm$ 0.070 χ^2 /NDF: 53340.7/13

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

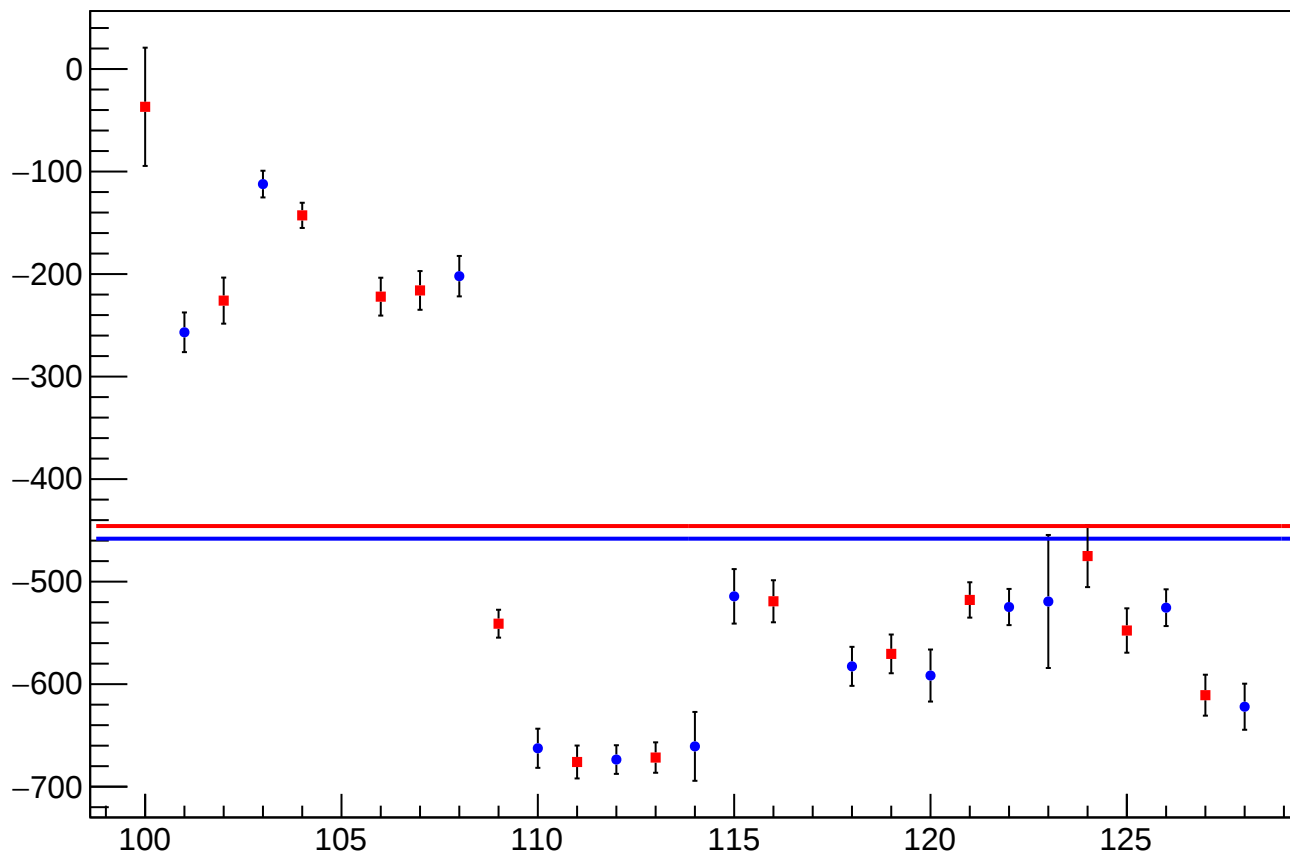
Right: -13.911 $\pm$ 0.051 χ^2 /NDF: 84711.6/26

In: -15.680 $\pm$ 0.075 χ^2 /NDF:30324.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.911 $\pm$ 0.051 χ^2 /NDF: 84711.6/26

reg_asym_atr2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -458.103+/-5.410 χ^2/NDF : 1529.0/12

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

Right Out: -445.783+/-4.837 χ^2/NDF : 1700.1/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

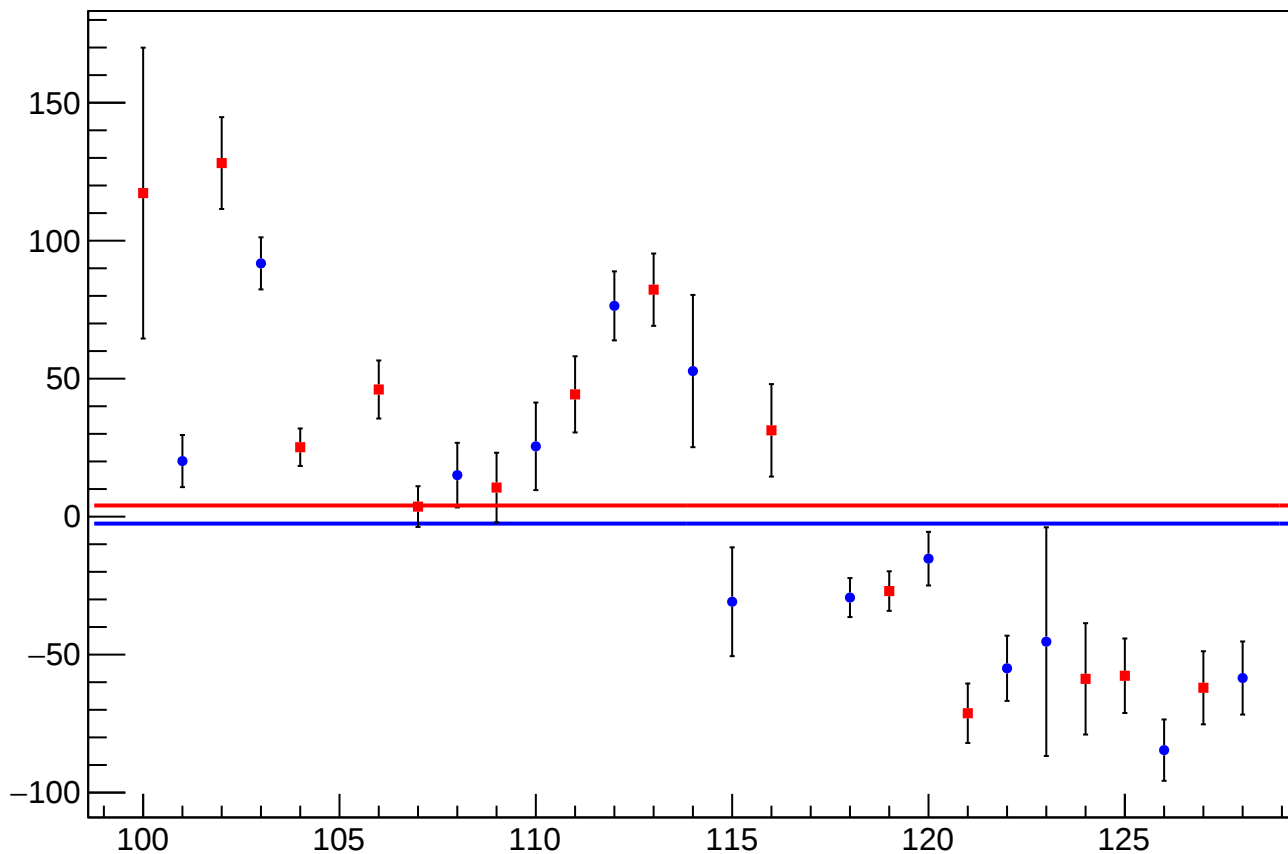
Right: -451.257+/-3.606 χ^2/NDF : 3232.0/26

In: -458.103+/-5.410 χ^2/NDF :1529.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -451.257+/-3.606 χ^2/NDF : 3232.0/26

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.518+/-3.225 χ^2/NDF : 266.1/12

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

Right Out: 4.037+/-2.941 χ^2/NDF : 255.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

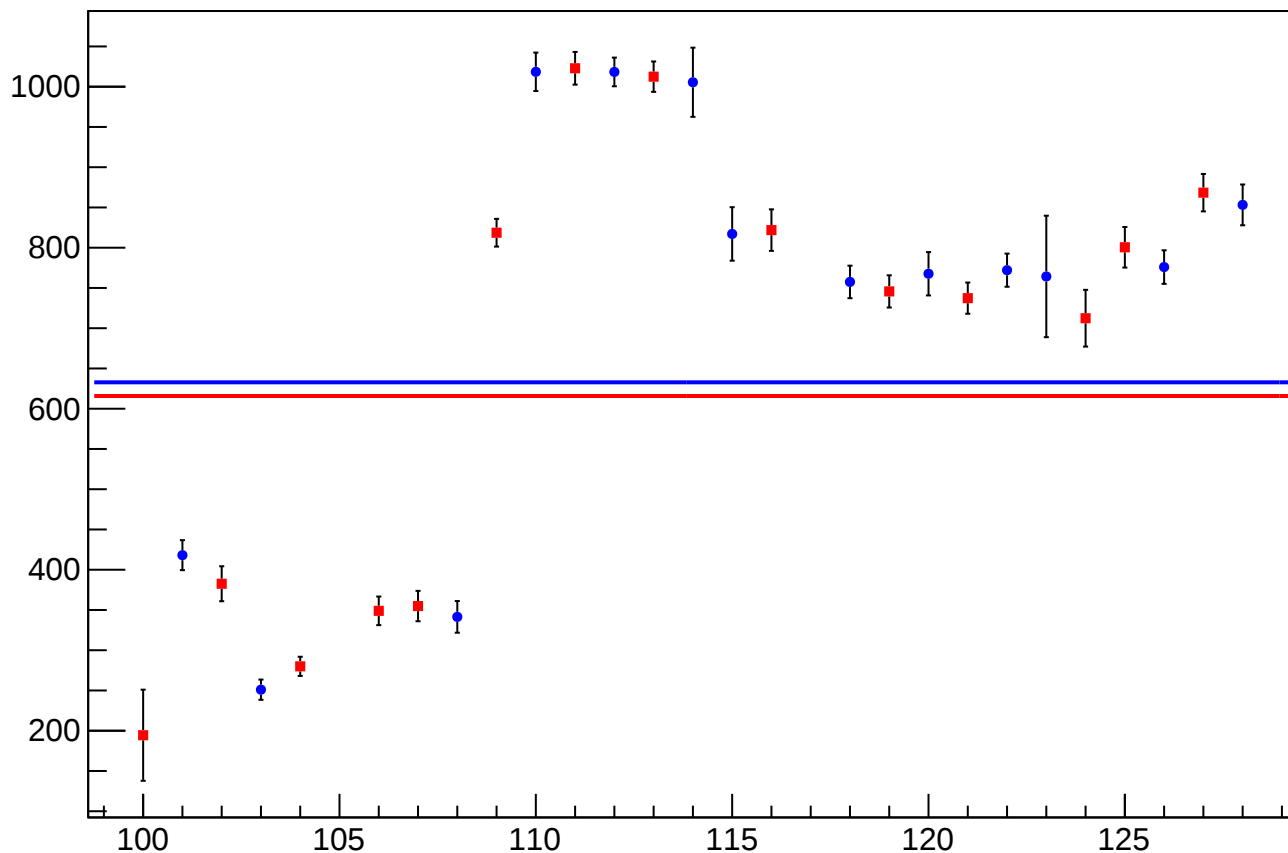
Right: 1.061+/-2.173 χ^2/NDF : 524.2/26

In: -2.518+/-3.225 χ^2/NDF : 266.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.061+/-2.173 χ^2/NDF : 524.2/26

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 632.772+/-5.938 χ^2/NDF : 2343.2/12

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

Right Out: 615.790+/-5.347 χ^2/NDF : 2690.7/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

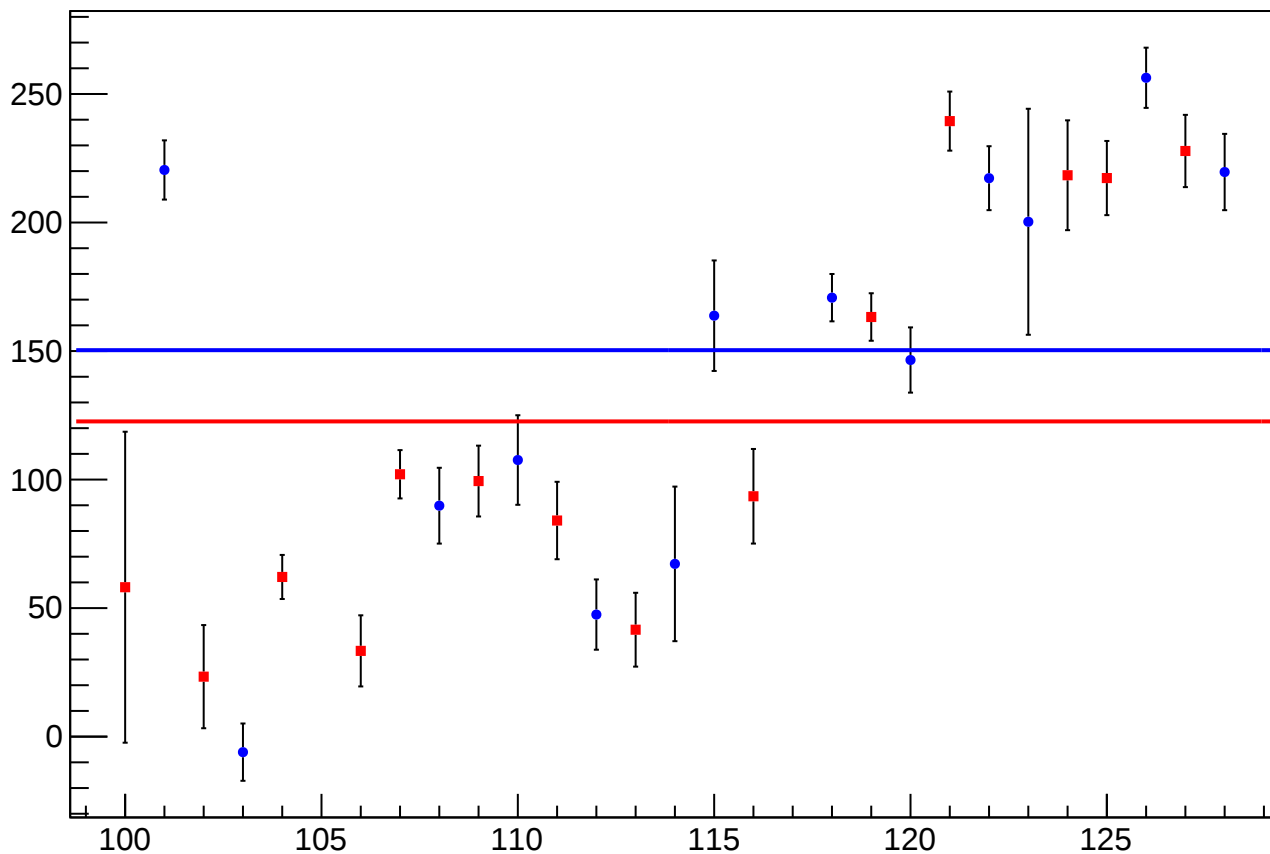
Right: 623.395+/-3.973 χ^2/NDF : 5038.3/26

In: 632.772+/-5.938 χ^2/NDF :2343.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 623.395+/-3.973 χ^2/NDF : 5038.3/26

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.340+/-3.809 χ^2/NDF : 460.3/12

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

Right Out: 122.626+/-3.498 χ^2/NDF : 407.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

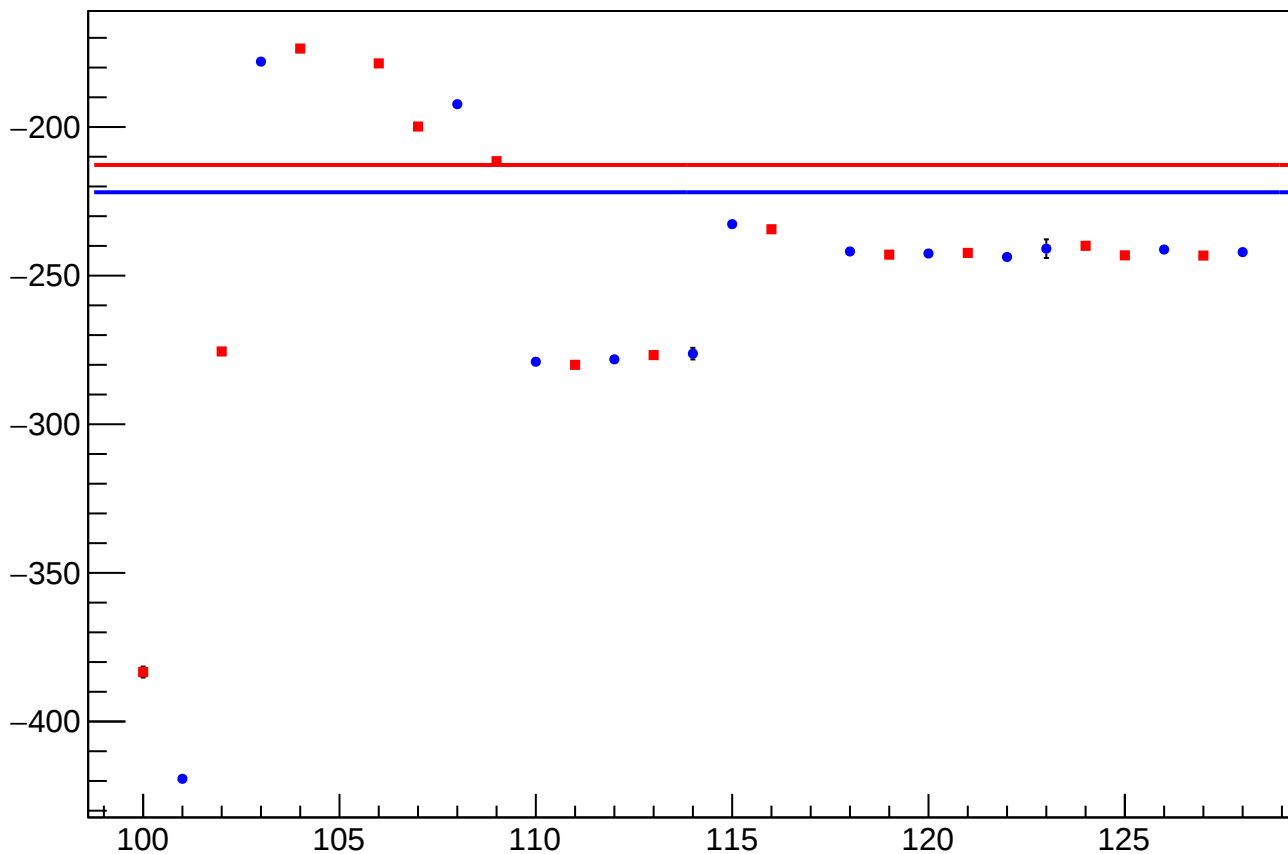
Right: 135.305+/-2.577 χ^2/NDF : 896.4/26

In: 150.340+/-3.809 χ^2/NDF : 460.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.305+/-2.577 χ^2/NDF : 896.4/26

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -221.948+/-0.188 χ^2/NDF : 125420.1/12

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

Right Out: -212.770+/-0.170 χ^2/NDF : 61444.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

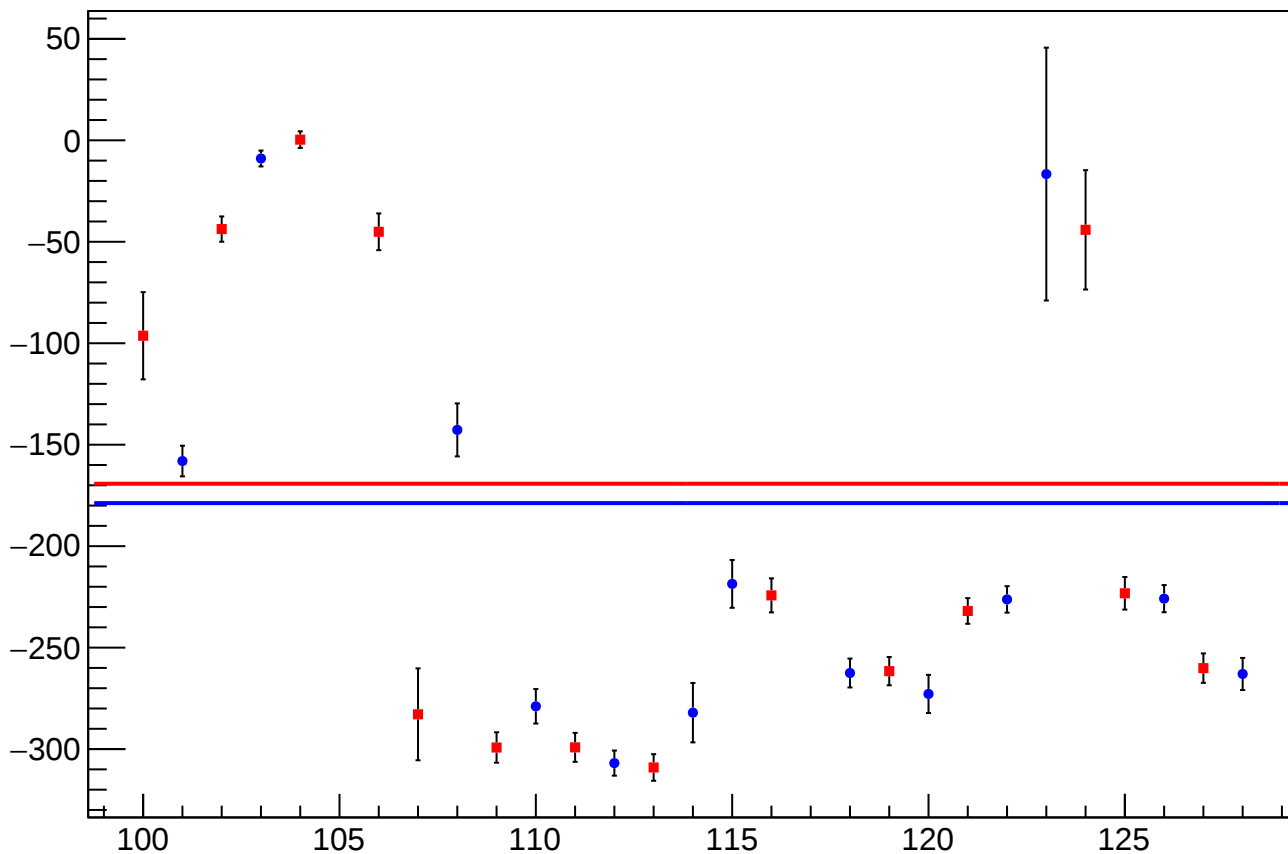
Right: -216.911+/-0.126 χ^2/NDF : 188174.7/26

In: -221.948+/-0.188 χ^2/NDF : 125420.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -216.911+/-0.126 χ^2/NDF : 188174.7/26

reg_asym_atl_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -178.789+/-2.069 χ^2/NDF : 2990.0/12

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

Right Out: -169.240+/-1.970 χ^2/NDF : 3963.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

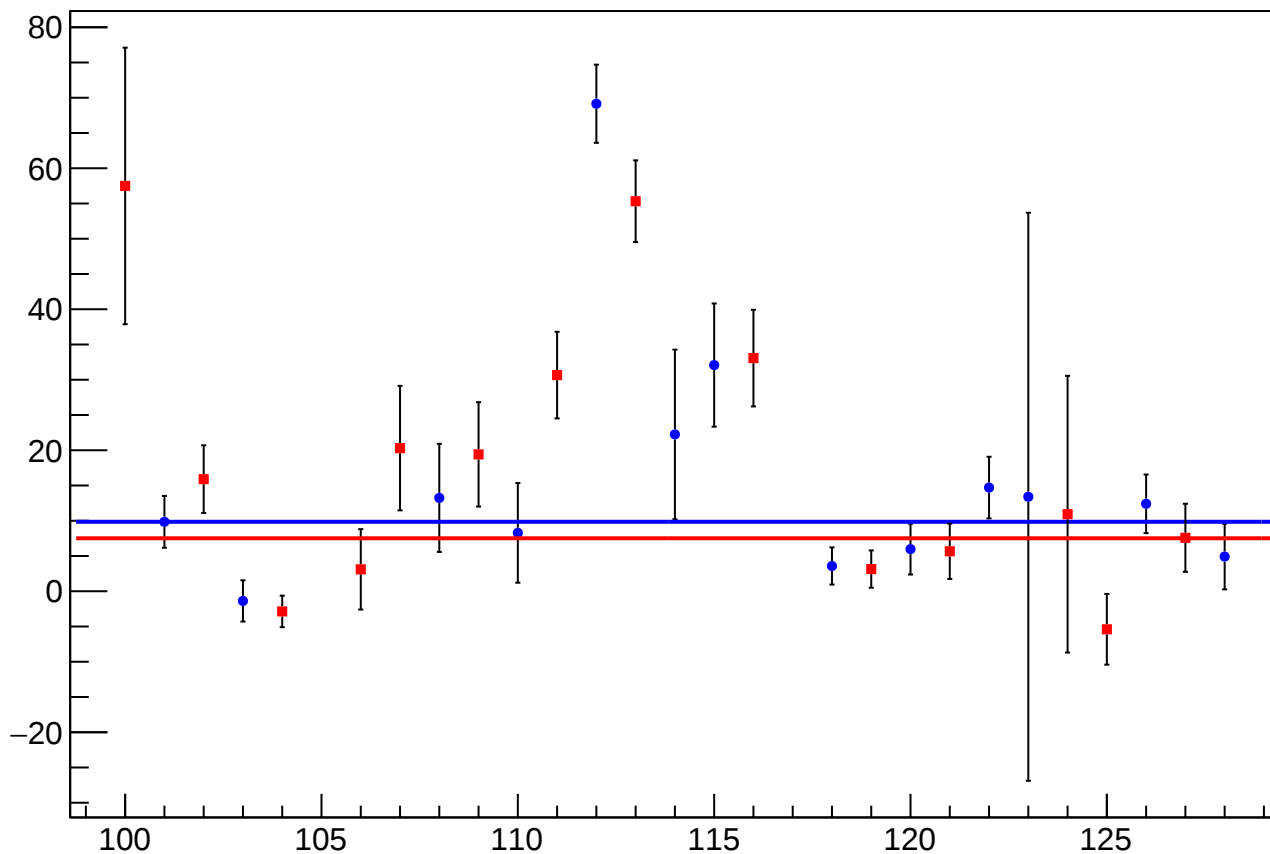
Right: -173.781+/-1.427 χ^2/NDF : 6964.6/26

In: -178.789+/-2.069 χ^2/NDF : 2990.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -173.781+/-1.427 χ^2/NDF : 6964.6/26

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.853+/-1.233 χ^2/NDF : 146.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.513+/-1.214 χ^2/NDF : 142.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

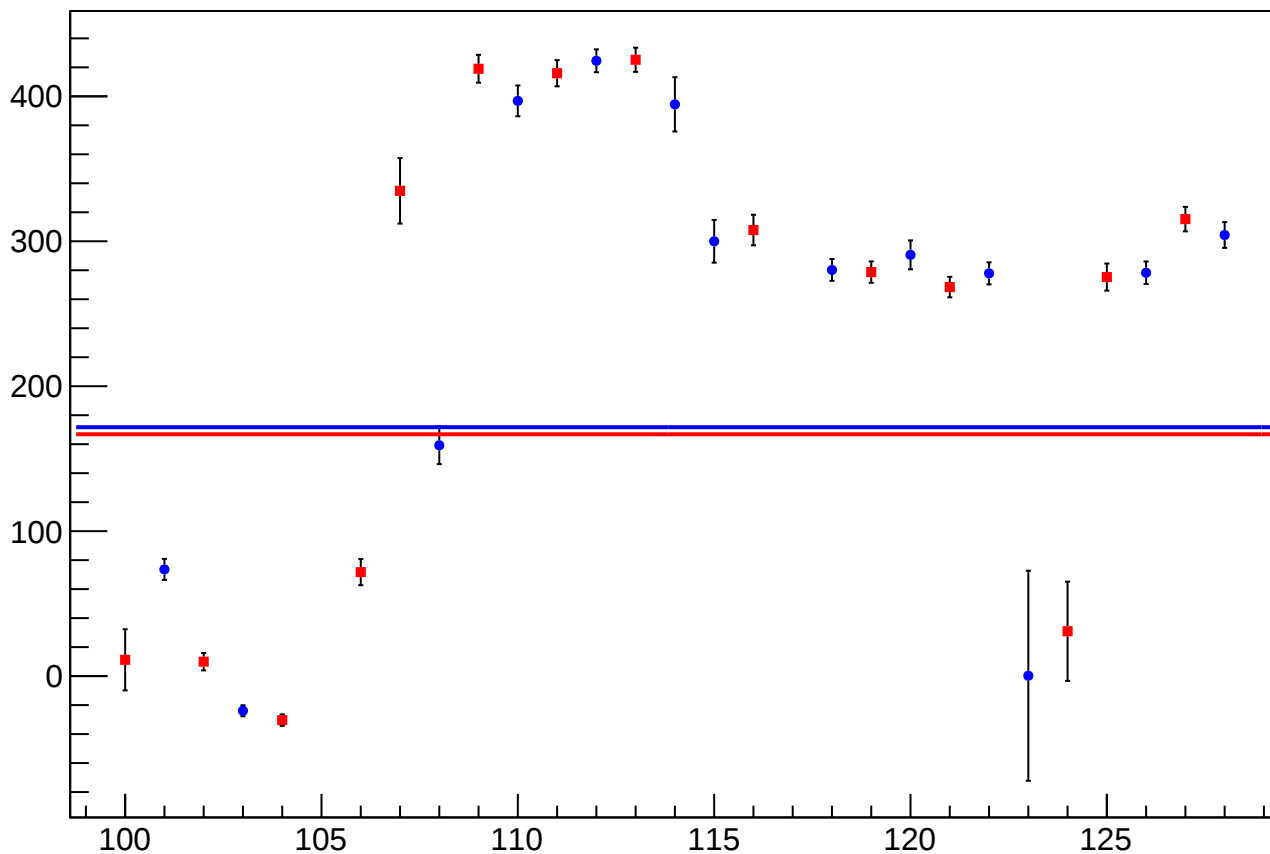
Right: 8.665+/-0.865 χ^2/NDF : 290.3/26

In: 9.853+/-1.233 χ^2/NDF : 146.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.665+/-0.865 χ^2/NDF : 290.3/26

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 171.723+/-2.229 χ^2/NDF : 5508.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 166.822+/-2.139 χ^2/NDF : 6844.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

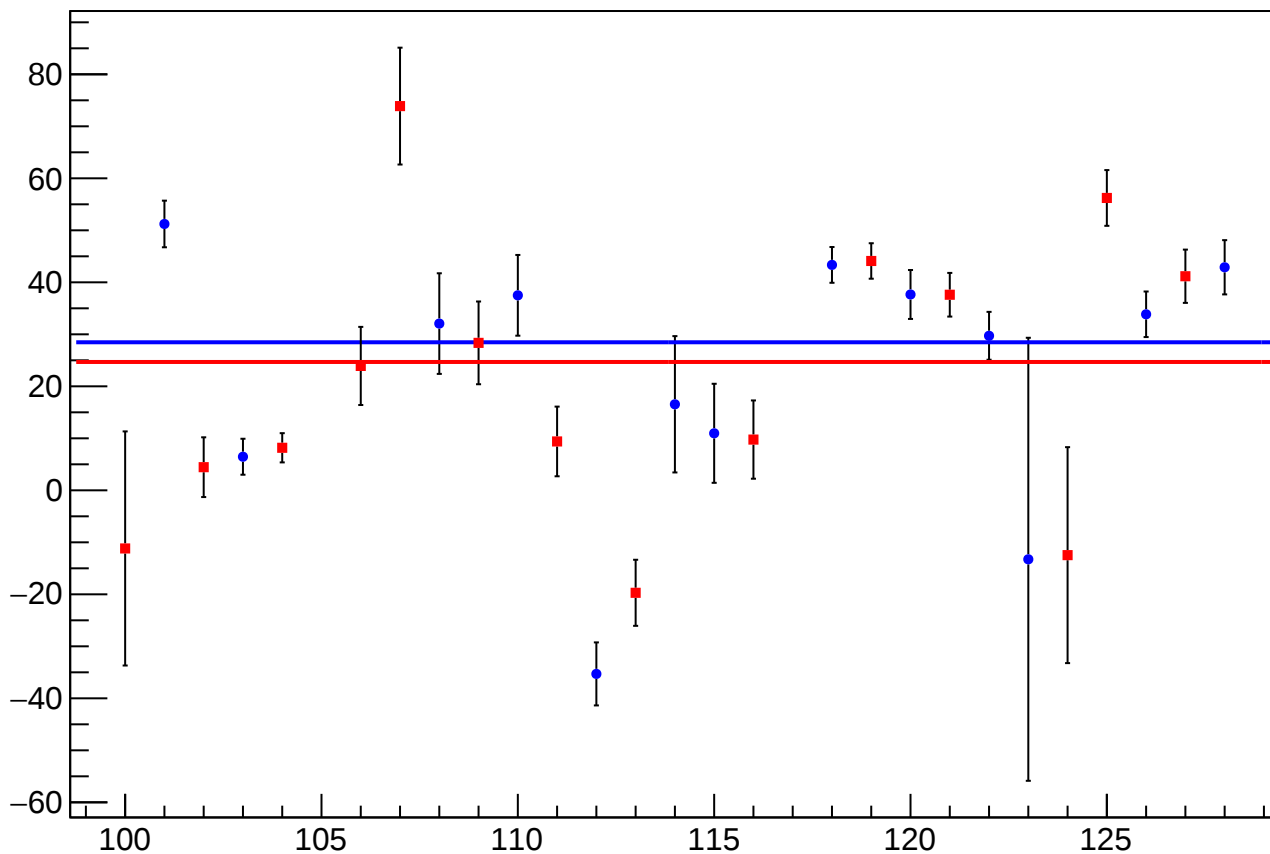
Right: 169.172+/-1.544 χ^2/NDF : 12355.0/26

In: 171.723+/-2.229 χ^2/NDF : 5508.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.172+/-1.544 χ^2/NDF : 12355.0/26

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.470+/-1.457 χ^2/NDF : 215.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.682+/-1.439 χ^2/NDF : 216.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

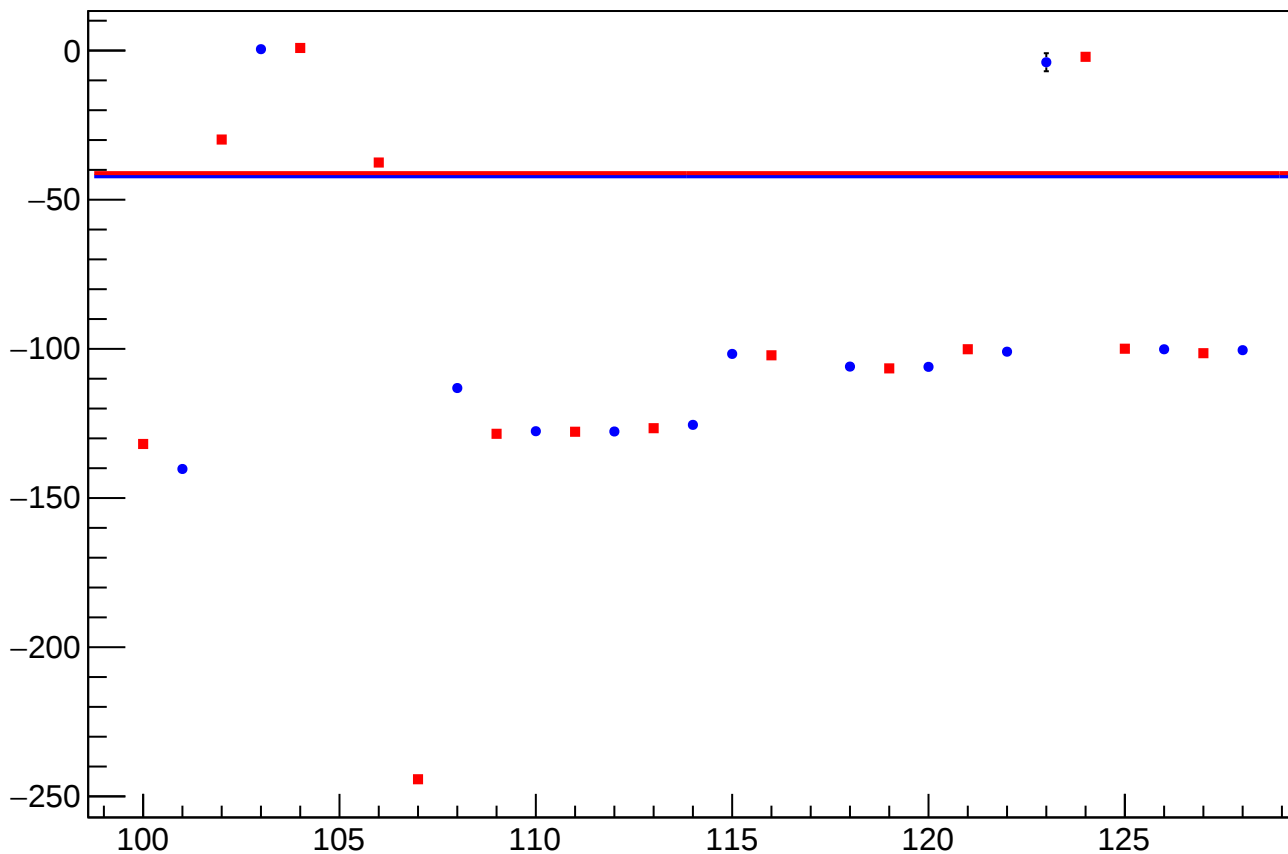
Right: 26.553+/-1.024 χ^2/NDF : 435.7/26

In: 28.470+/-1.457 χ^2/NDF : 215.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.553+/-1.024 χ^2/NDF : 435.7/26

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -42.157+/-0.067 χ^2/NDF : 699628.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -41.089+/-0.065 χ^2/NDF : 634316.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

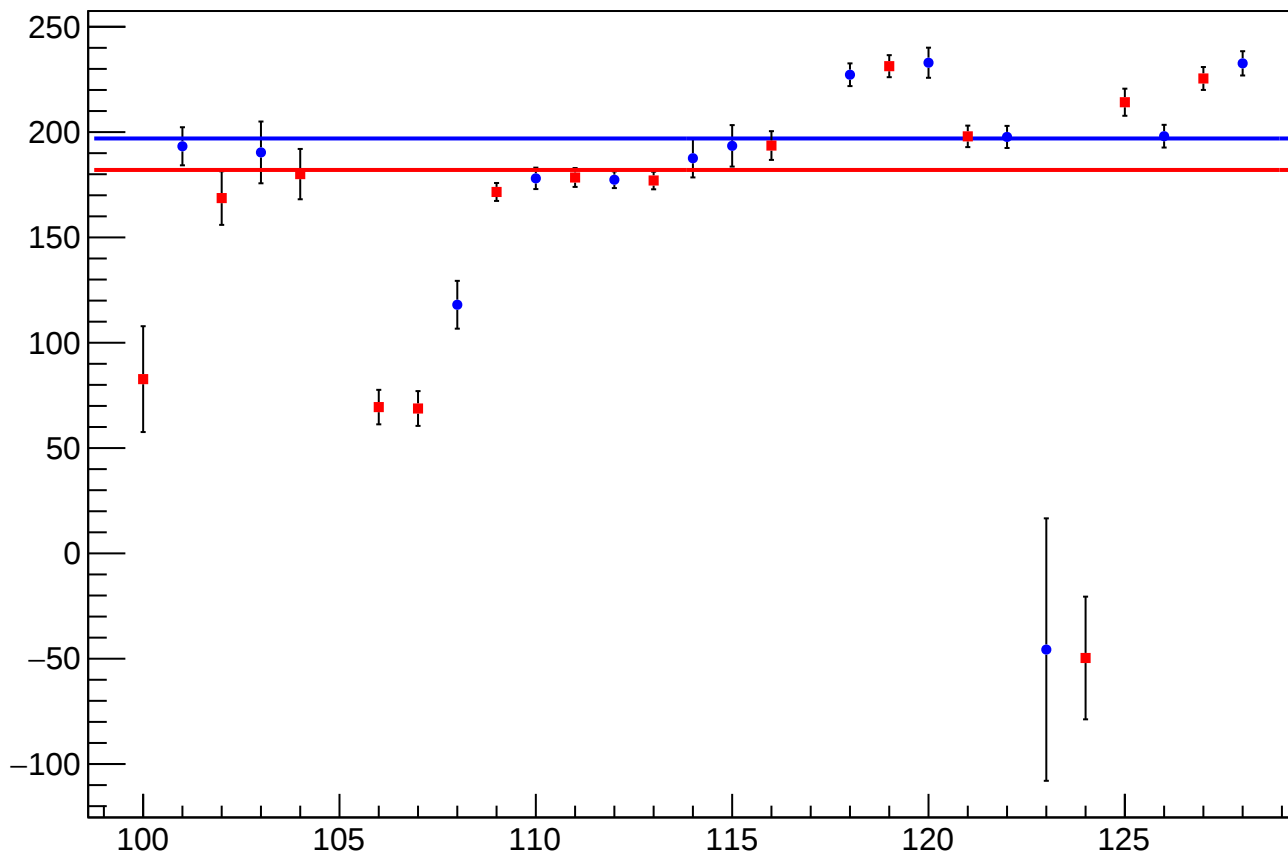
Right: -41.604+/-0.047 χ^2/NDF : 1334075.3/26

In: -42.157+/-0.067 χ^2/NDF :699628.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -41.604+/-0.047 χ^2/NDF : 1334075.3/26

reg_asym_atl_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 196.974 $\pm$ 1.812 χ^2 /NDF: 198.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 182.027 $\pm$ 1.662 χ^2 /NDF: 655.1/13

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

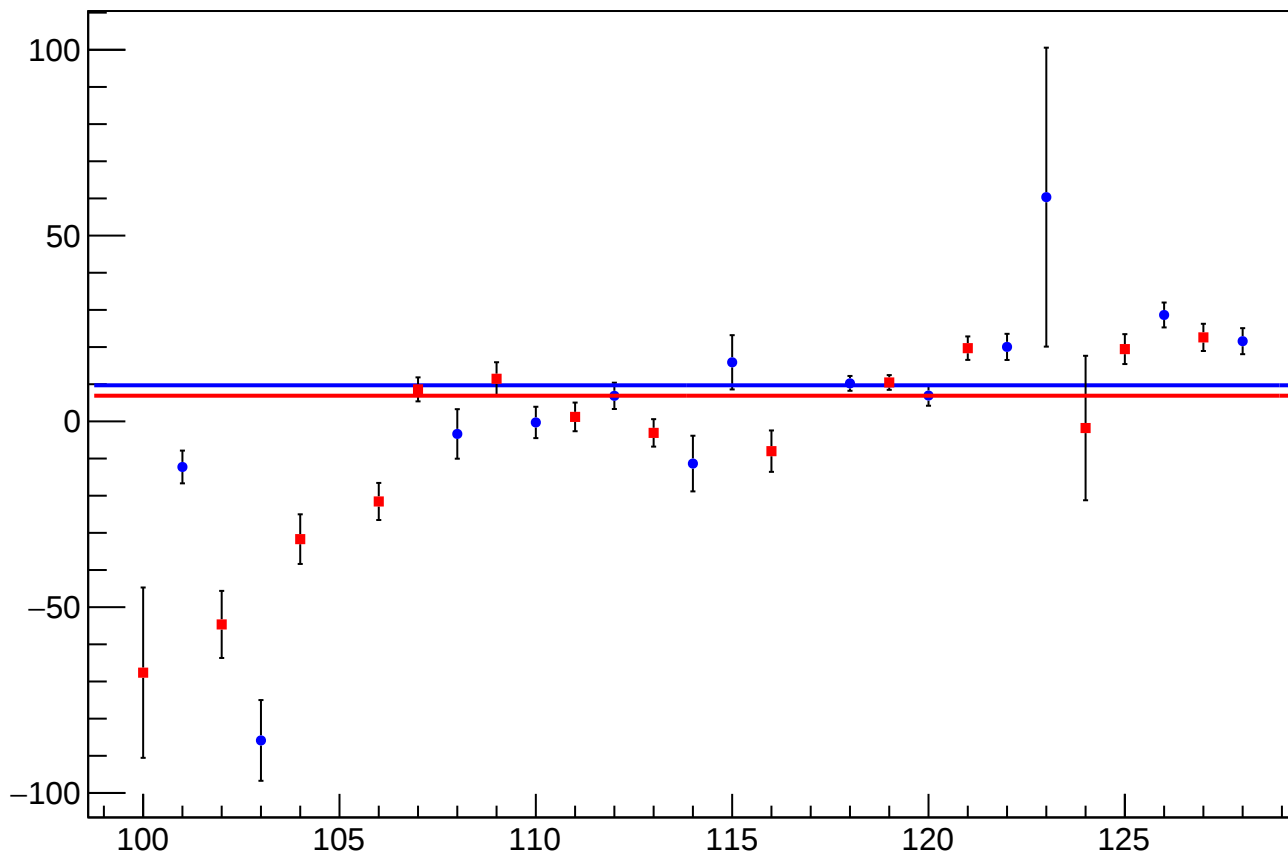
Right: 188.856 $\pm$ 1.225 χ^2 /NDF: 890.6/26

In: 196.974 $\pm$ 1.812 χ^2 /NDF: 198.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 188.856 $\pm$ 1.225 χ^2 /NDF: 890.6/26

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.712 $\pm$ 1.060 χ^2 /NDF: 175.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6.909 $\pm$ 1.061 χ^2 /NDF: 189.0/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

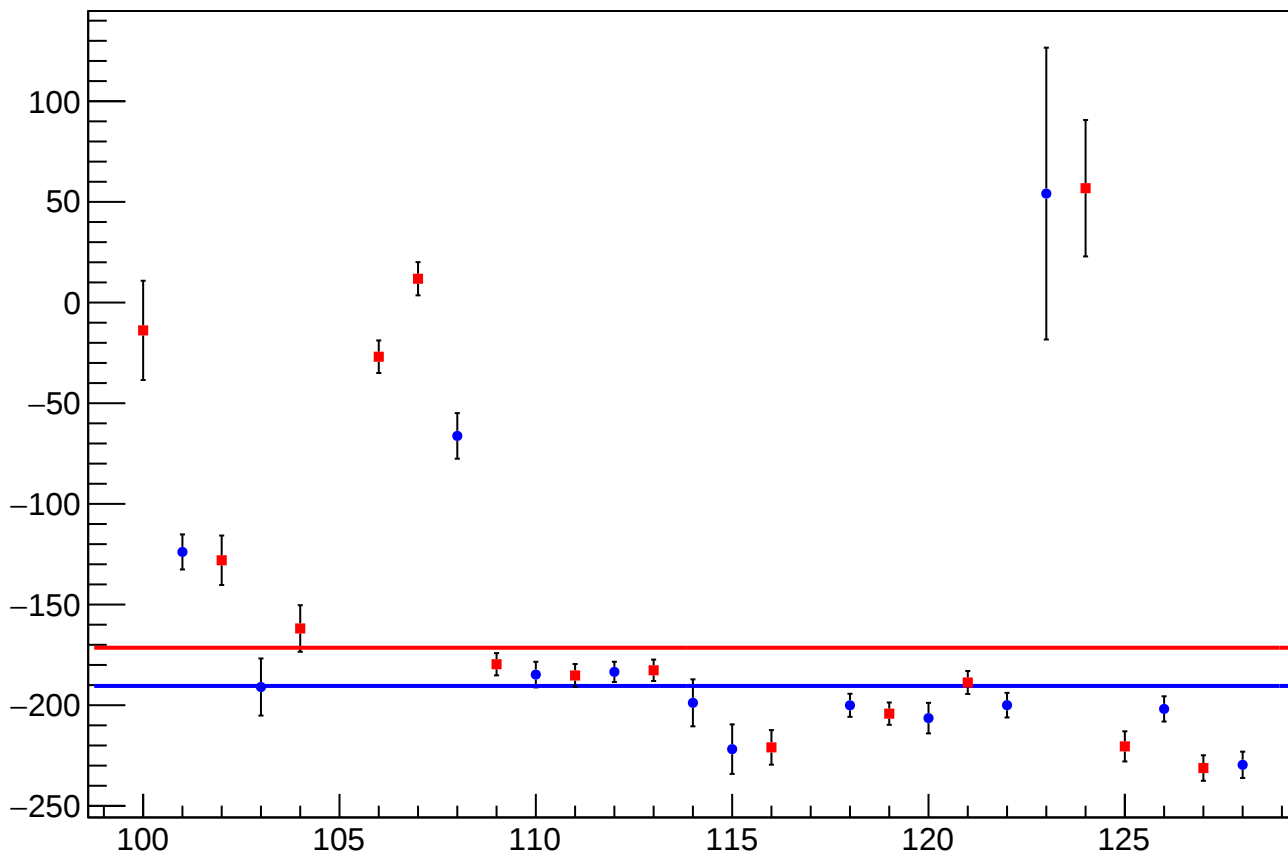
Right: 8.312 $\pm$ 0.750 χ^2 /NDF: 368.2/26

In: 9.712 $\pm$ 1.060 χ^2 /NDF:175.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 8.312 $\pm$ 0.750 χ^2 /NDF: 368.2/26

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -190.426+/-2.096 χ^2 /NDF: 248.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -171.438+/-1.942 χ^2 /NDF: 1134.3/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

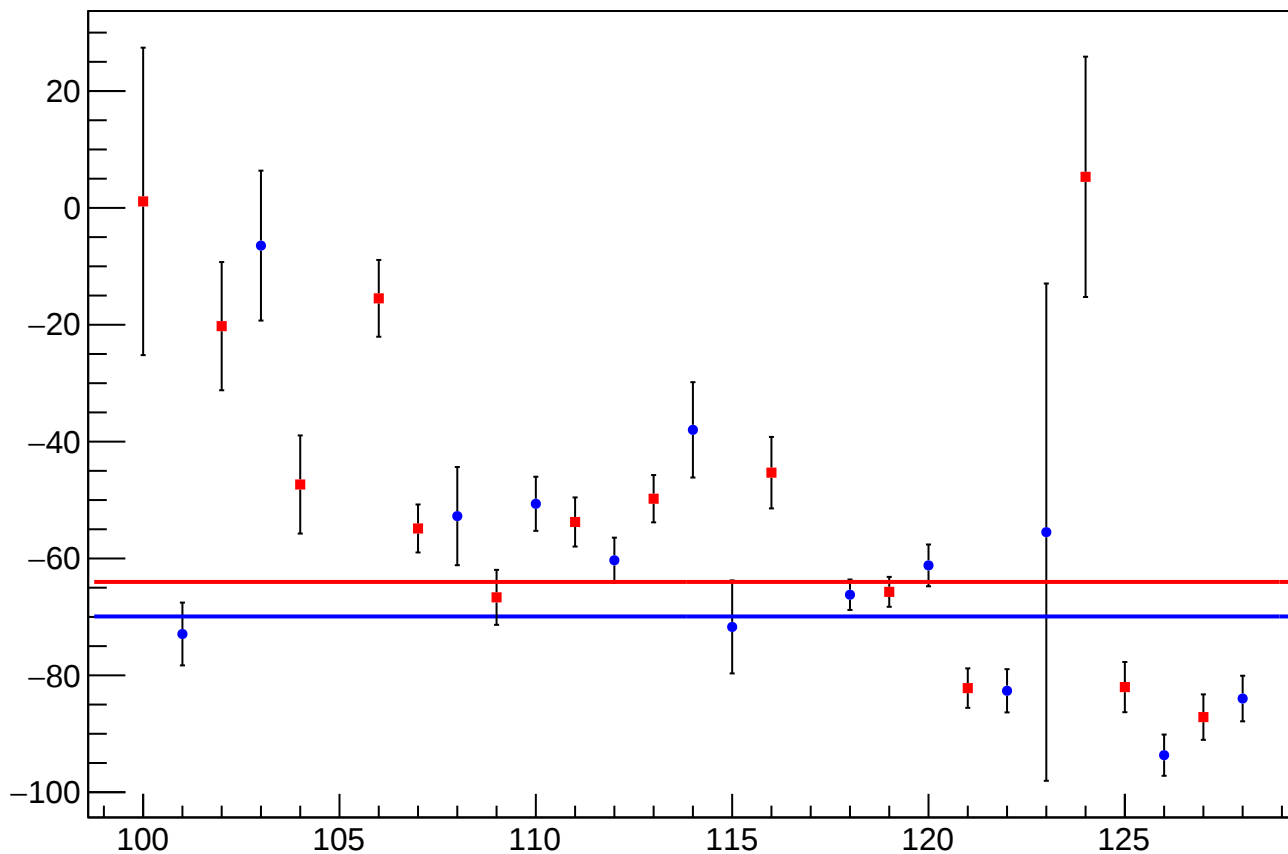
Right: -180.210+/-1.424 χ^2 /NDF: 1427.3/26

In: -190.426+/-2.096 χ^2 /NDF:248.9/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -180.210+/-1.424 χ^2 /NDF: 1427.3/26

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -69.921 ± 1.246 χ^2/NDF : 146.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -64.012 ± 1.232 χ^2/NDF : 207.2/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

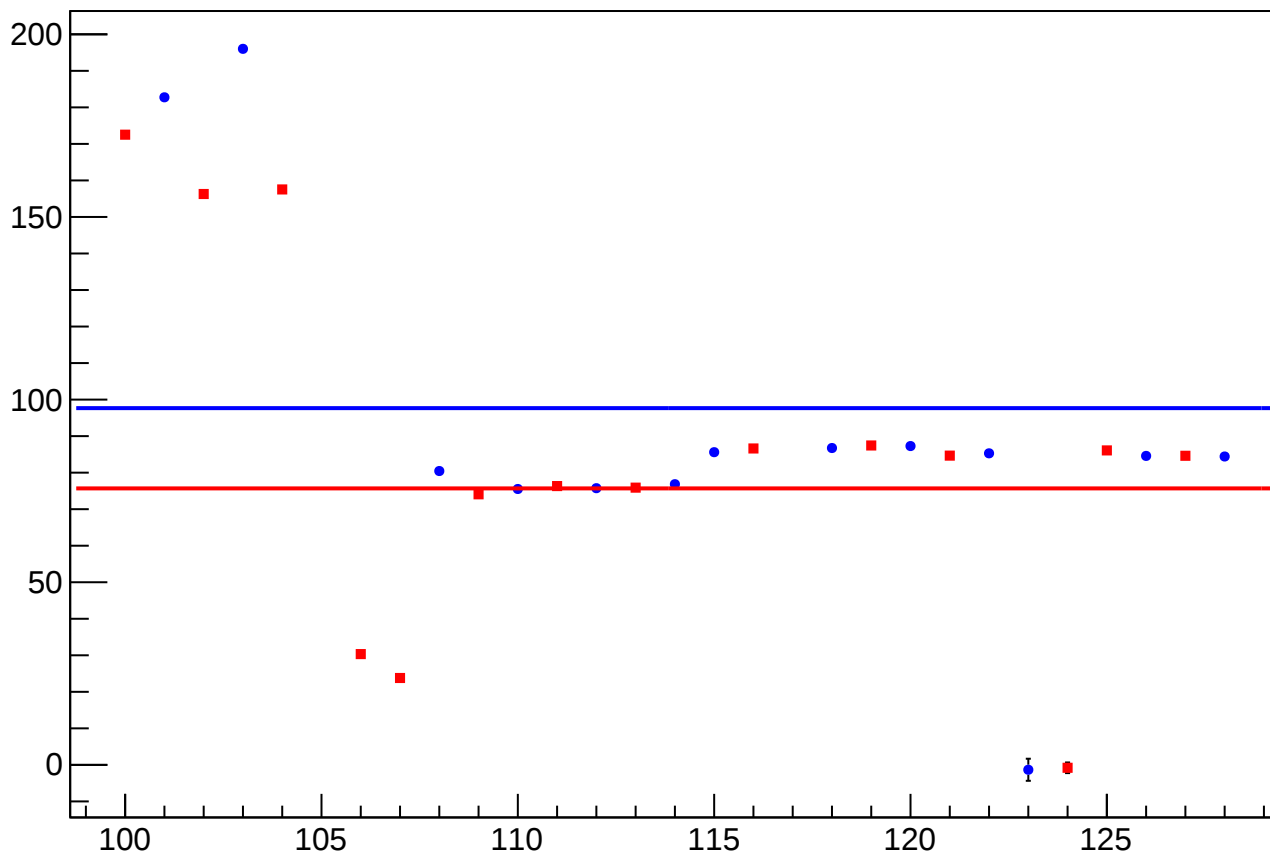
Right: -66.934 ± 0.876 χ^2/NDF : 364.6/26

In: -69.921 ± 1.246 χ^2/NDF : 146.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -66.934 ± 0.876 χ^2/NDF : 364.6/26

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.665+/-0.085 χ^2/NDF : 200367.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.689+/-0.073 χ^2/NDF : 306489.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

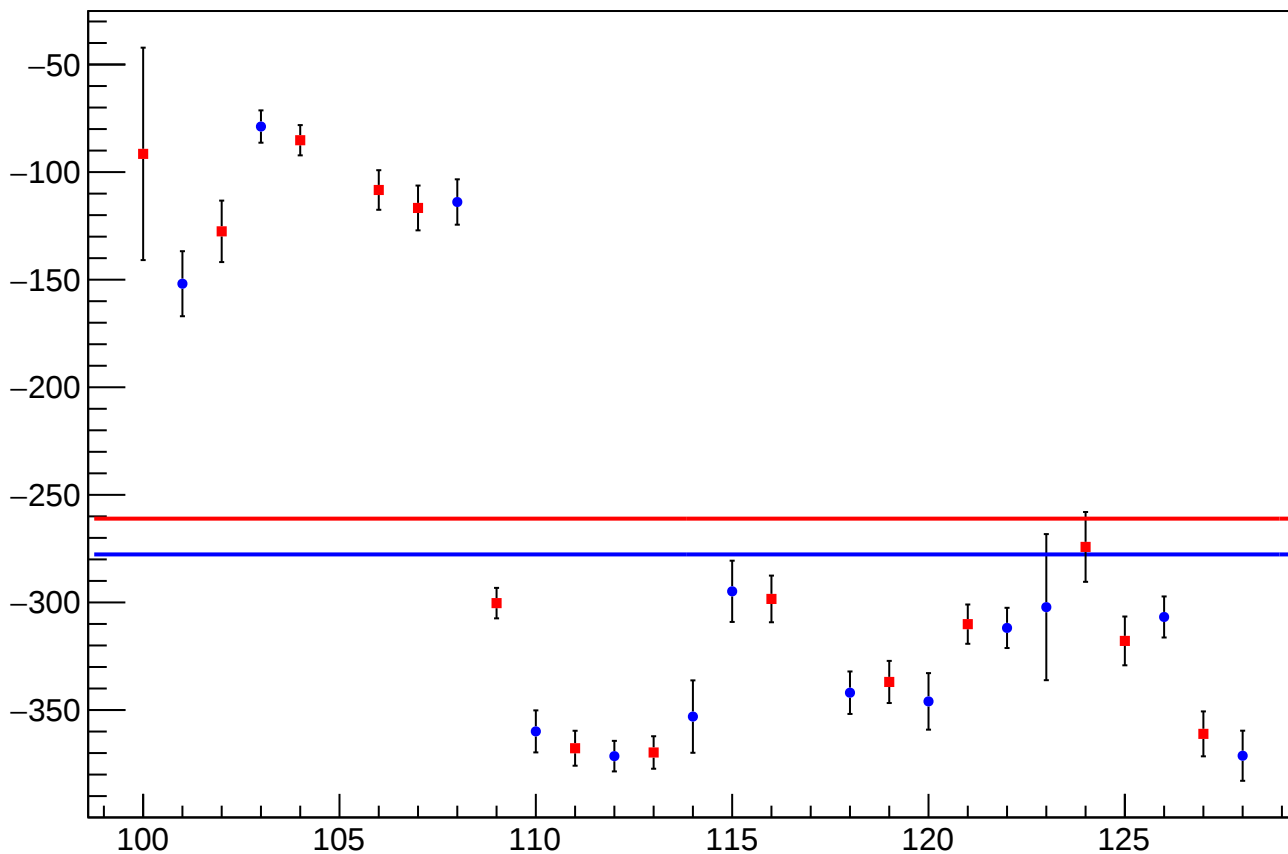
Right: 85.036+/-0.055 χ^2/NDF : 545500.5/26

In: 97.665+/-0.085 χ^2/NDF : 200367.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.036+/-0.055 χ^2/NDF : 545500.5/26

reg_asym_atr_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -277.685+/-2.928 χ^2/NDF : 1435.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -261.054+/-2.575 χ^2/NDF : 1820.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

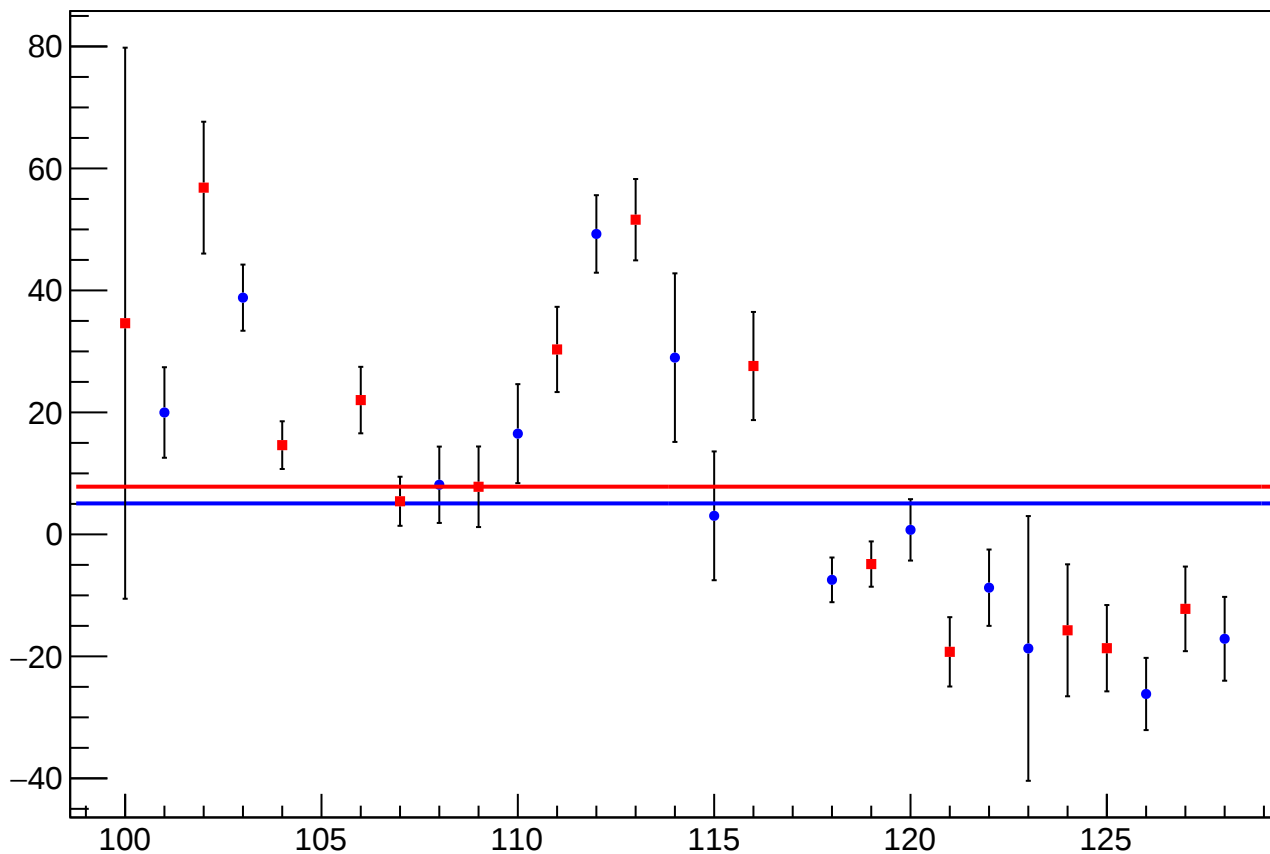
Right: -268.305+/-1.934 χ^2/NDF : 3274.6/26

In: -277.685+/-2.928 χ^2/NDF : 1435.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -268.305+/-1.934 χ^2/NDF : 3274.6/26

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.077+/-1.759 χ^2/NDF : 153.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.823+/-1.579 χ^2/NDF : 151.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

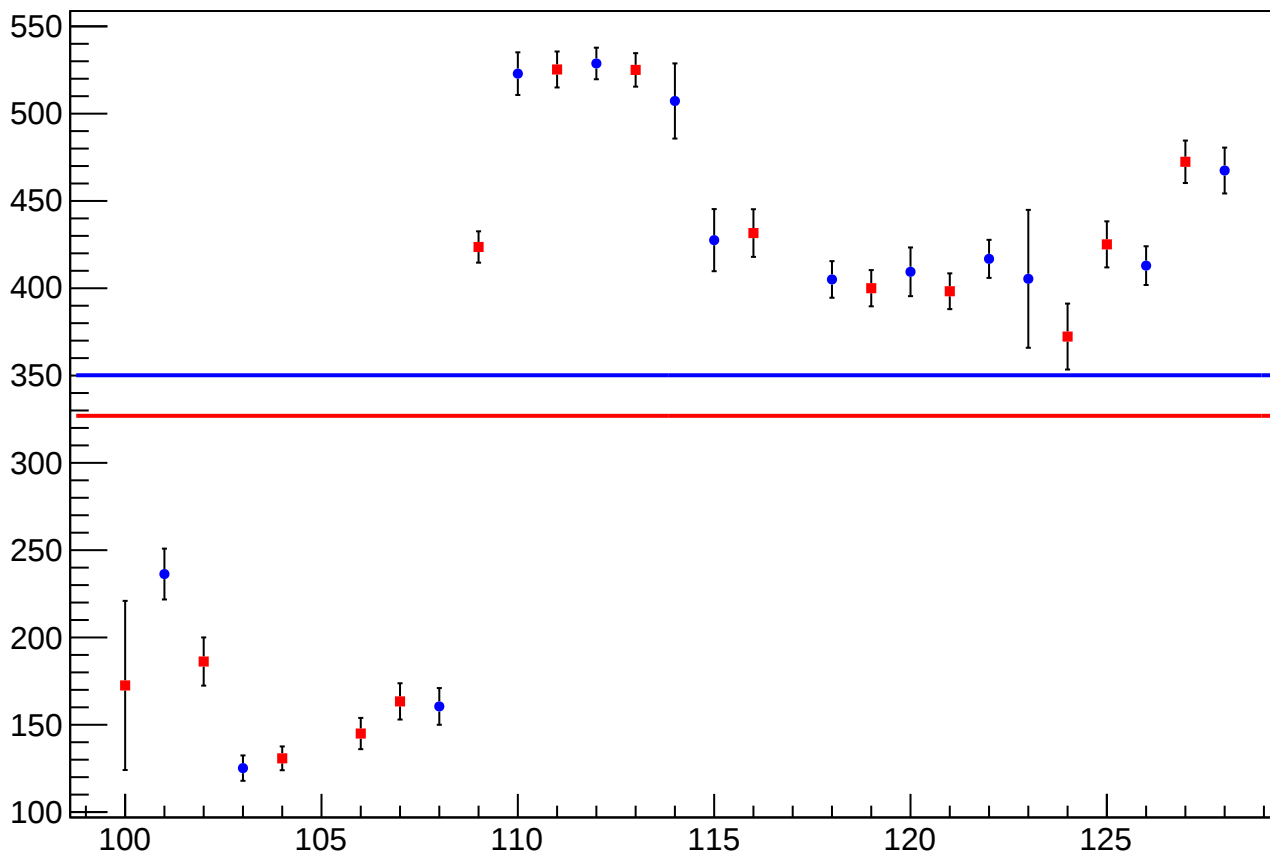
Right: 6.598+/-1.175 χ^2/NDF : 305.4/26

In: 5.077+/-1.759 χ^2/NDF : 153.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.598+/-1.175 χ^2/NDF : 305.4/26

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 350.171+/-3.258 χ^2/NDF : 2204.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 326.941+/-2.873 χ^2/NDF : 2879.5/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

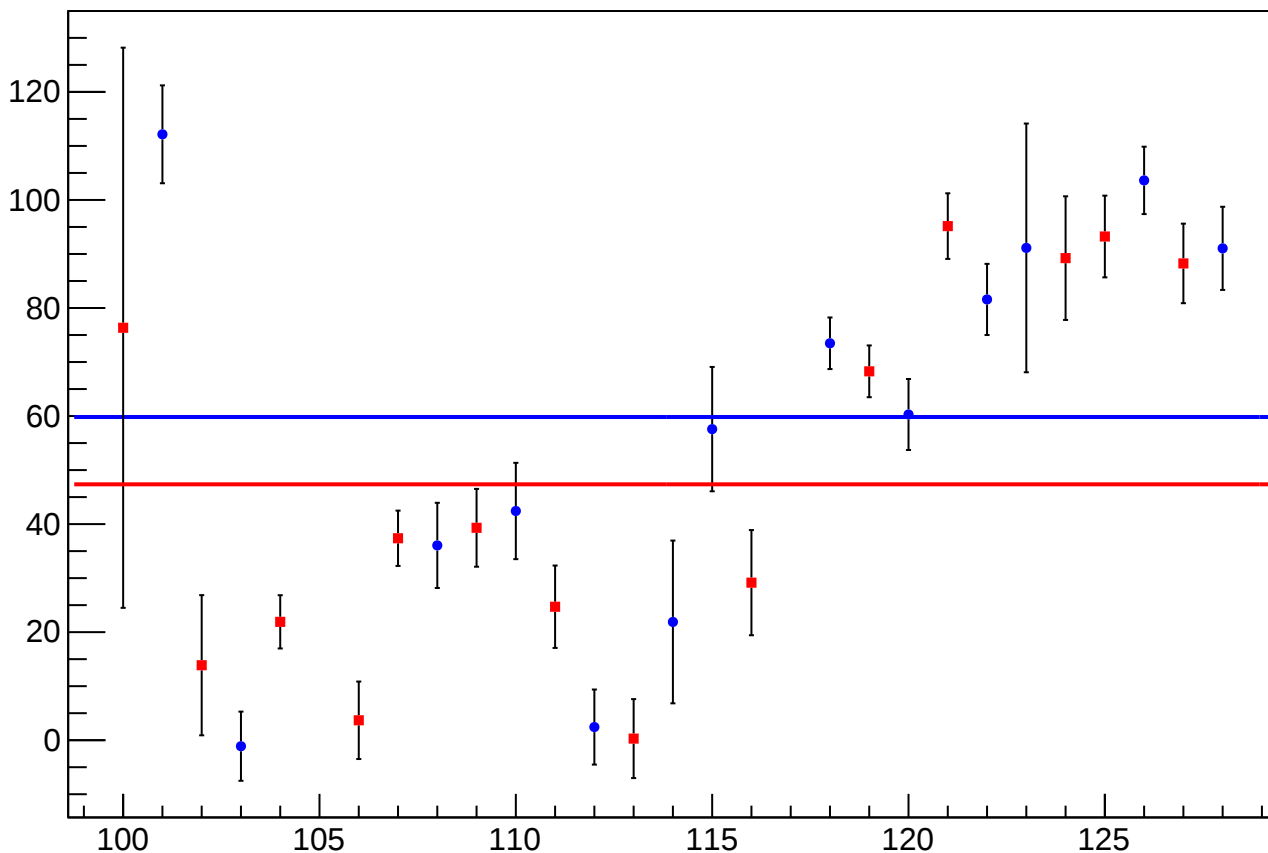
Right: 337.101+/-2.155 χ^2/NDF : 5112.8/26

In: 350.171+/-3.258 χ^2/NDF :2204.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 337.101+/-2.155 χ^2/NDF : 5112.8/26

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 59.822+/-2.074 χ^2/NDF : 298.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.362+/-1.873 χ^2/NDF : 291.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

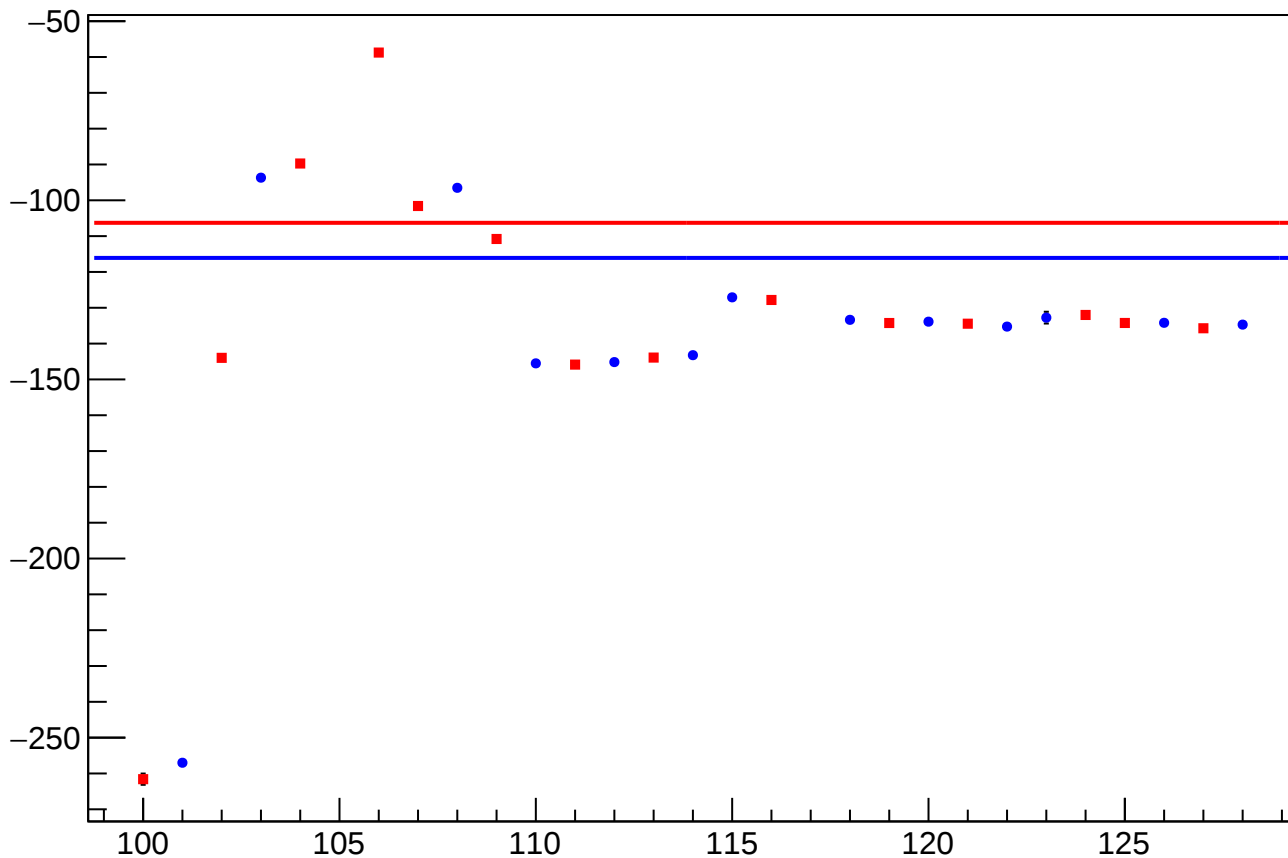
Right: 52.958+/-1.390 χ^2/NDF : 609.7/26

In: 59.822+/-2.074 χ^2/NDF : 298.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.958+/-1.390 χ^2/NDF : 609.7/26

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -116.081+/-0.105 χ^2/NDF : 113034.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -106.284+/-0.093 χ^2/NDF : 99533.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

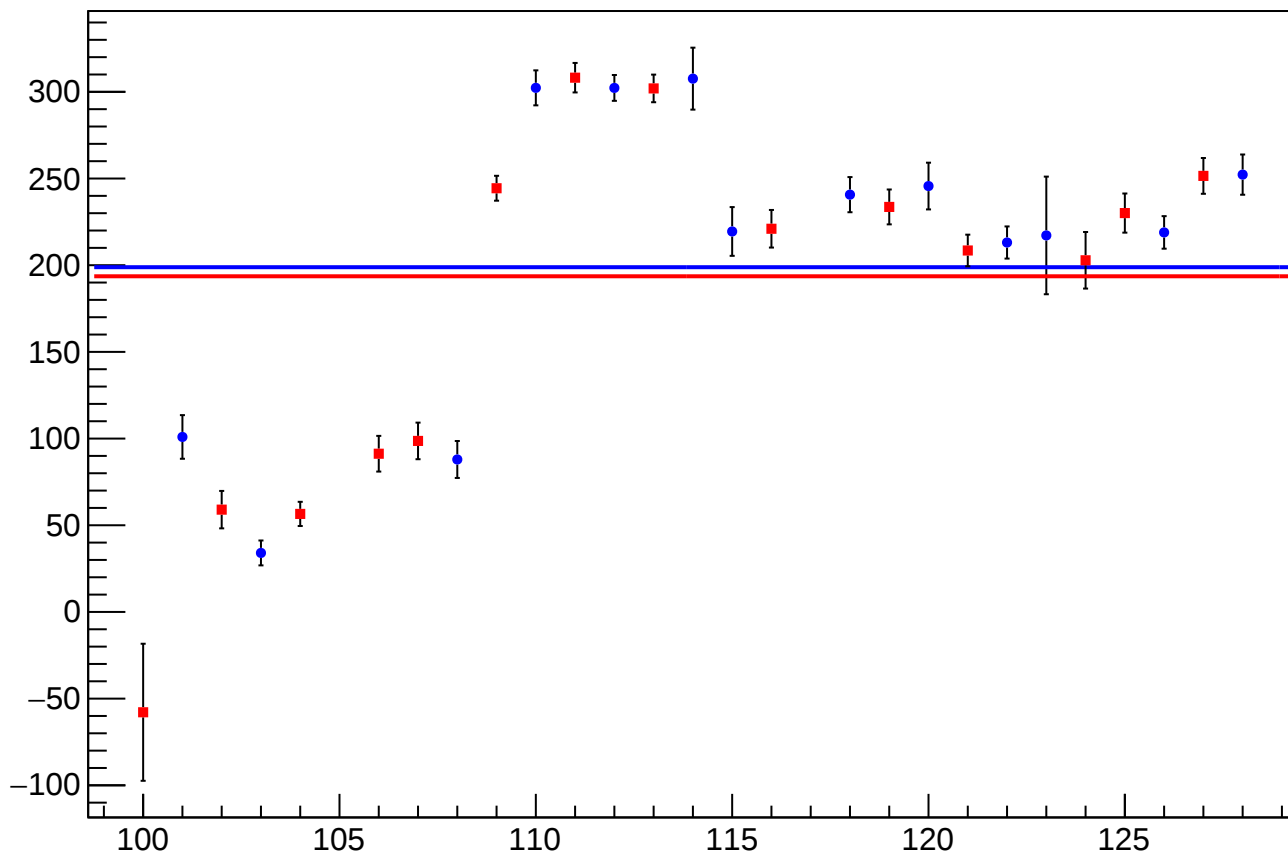
Right: -110.587+/-0.070 χ^2/NDF : 217444.0/26

In: -116.081+/-0.105 χ^2/NDF : 113034.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -110.587+/-0.070 χ^2/NDF : 217444.0/26

reg_asym_atr_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 198.852+/-2.923 χ^2/NDF : 1090.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 193.611+/-2.595 χ^2/NDF : 1245.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

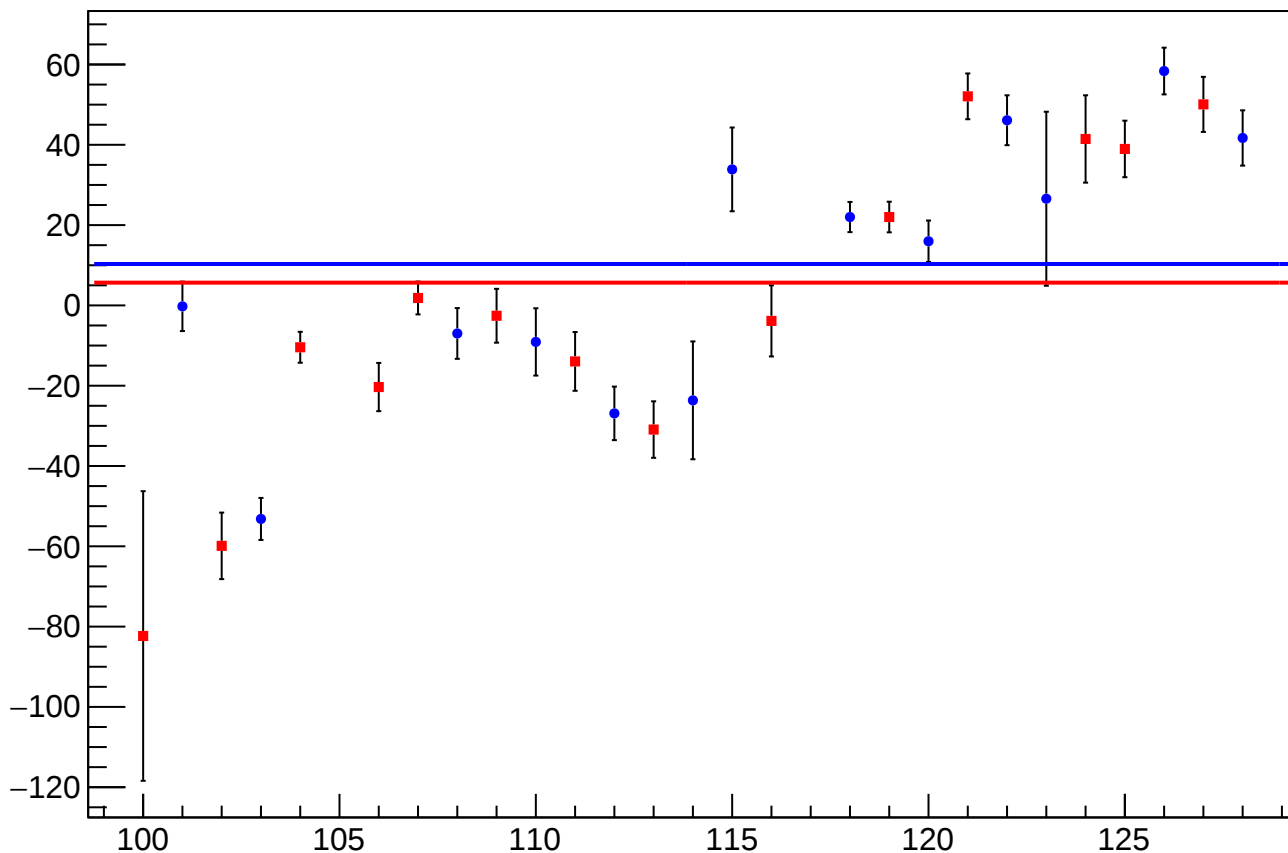
Right: 195.921+/-1.940 χ^2/NDF : 2337.4/26

In: 198.852+/-2.923 χ^2/NDF : 1090.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.921+/-1.940 χ^2/NDF : 2337.4/26

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.309+/-1.753 χ^2/NDF : 338.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.668+/-1.594 χ^2/NDF : 302.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

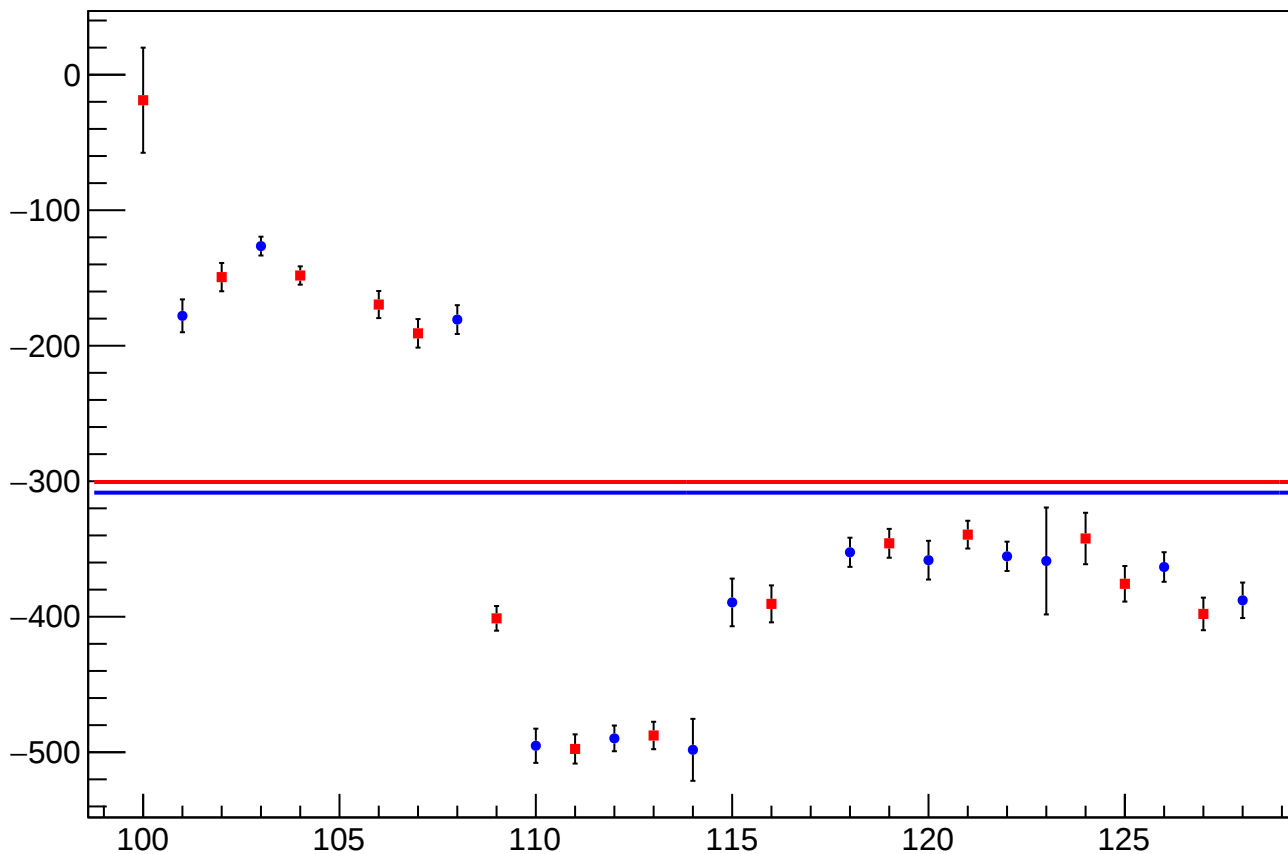
Right: 7.769+/-1.179 χ^2/NDF : 644.4/26

In: 10.309+/-1.753 χ^2/NDF : 338.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.769+/-1.179 χ^2/NDF : 644.4/26

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -308.429 ± 3.229 χ^2/NDF : 1733.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -300.579 ± 2.882 χ^2/NDF : 2027.9/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

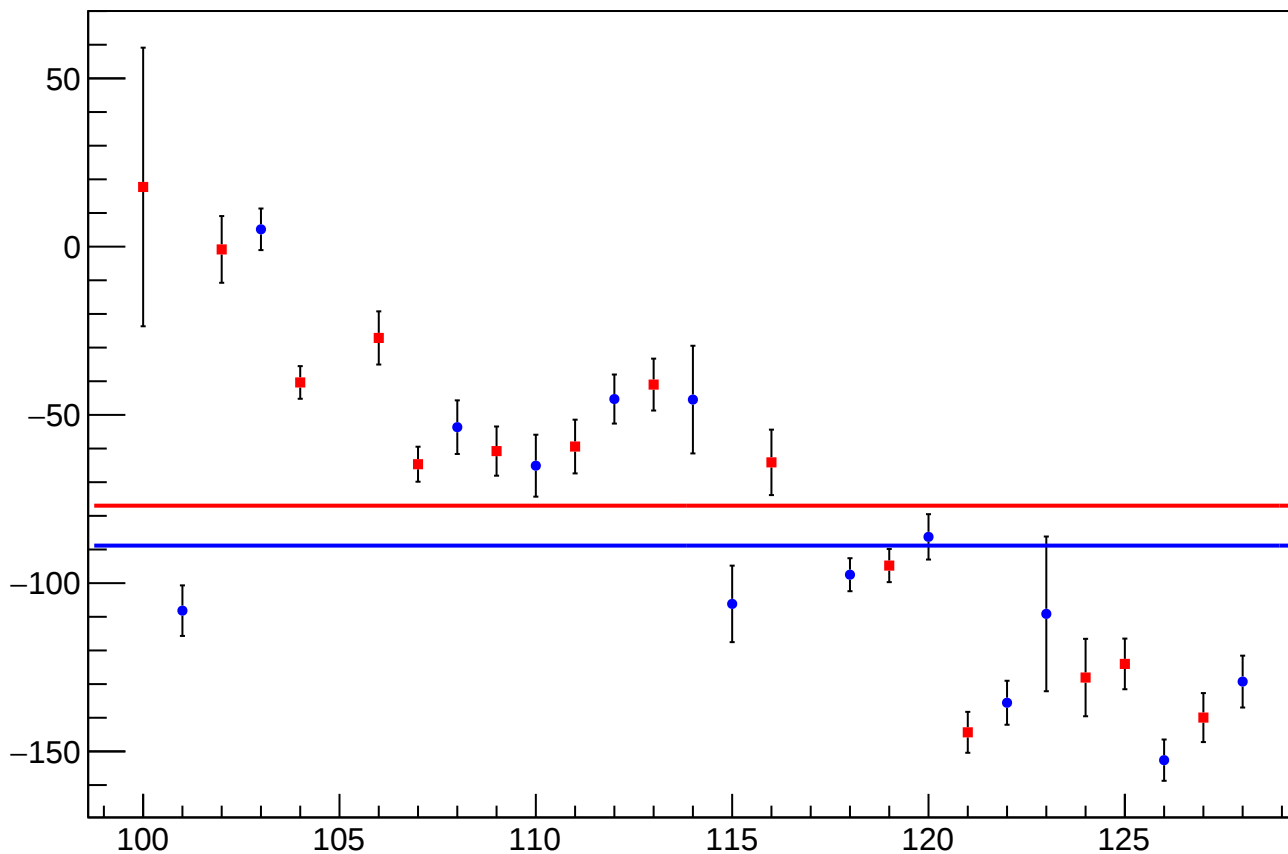
Right: -304.060 ± 2.150 χ^2/NDF : 3764.4/26

In: -308.429 ± 3.229 χ^2/NDF : 1733.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -304.060 ± 2.150 χ^2/NDF : 3764.4/26

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -88.842 ± 2.066 χ^2/NDF : 500.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -76.976 ± 1.888 χ^2/NDF : 469.2/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

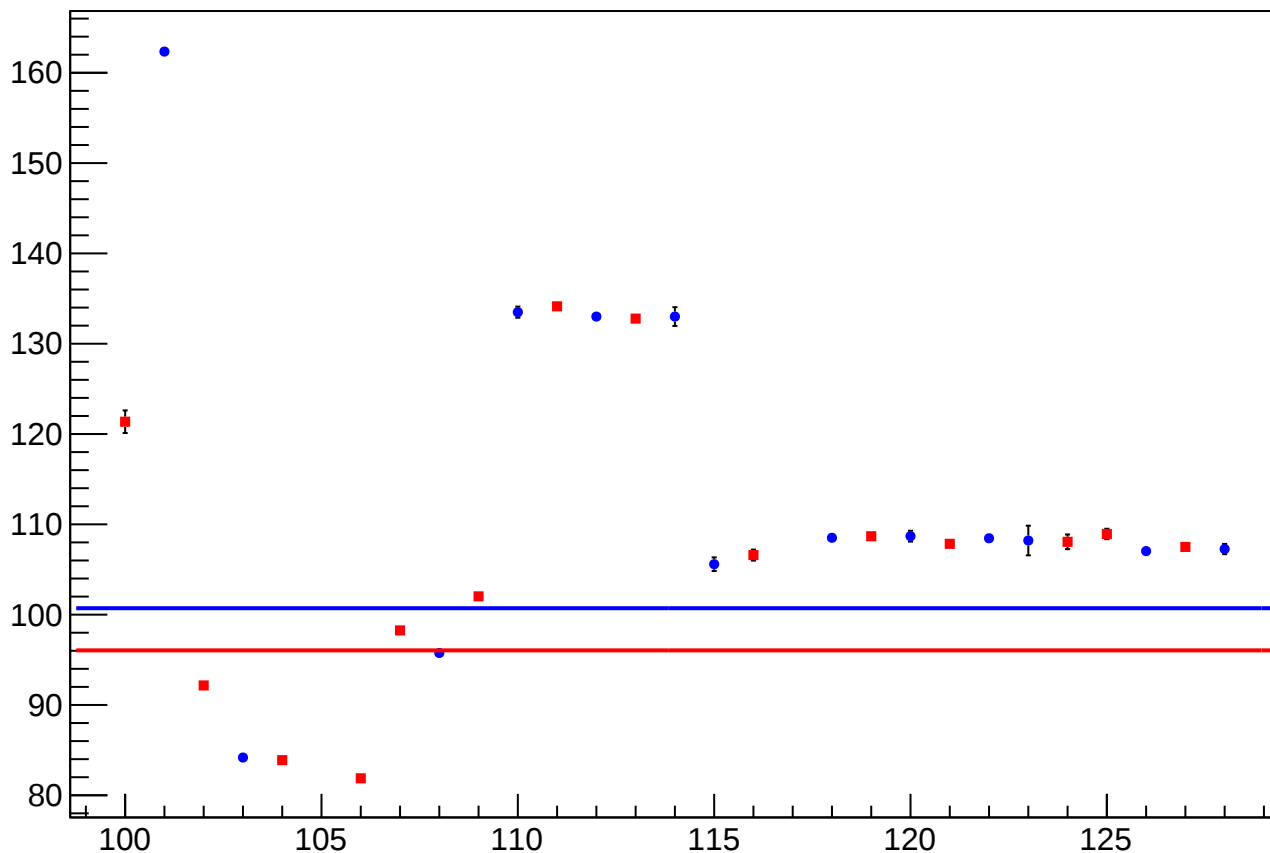
Right: -82.377 ± 1.394 χ^2/NDF : 987.4/26

In: -88.842 ± 2.066 χ^2/NDF : 500.2/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -82.377 ± 1.394 χ^2/NDF : 987.4/26

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 100.713 $\pm$ 0.103 χ^2 /NDF: 42112.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 96.046 $\pm$ 0.092 χ^2 /NDF: 23795.3/13

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

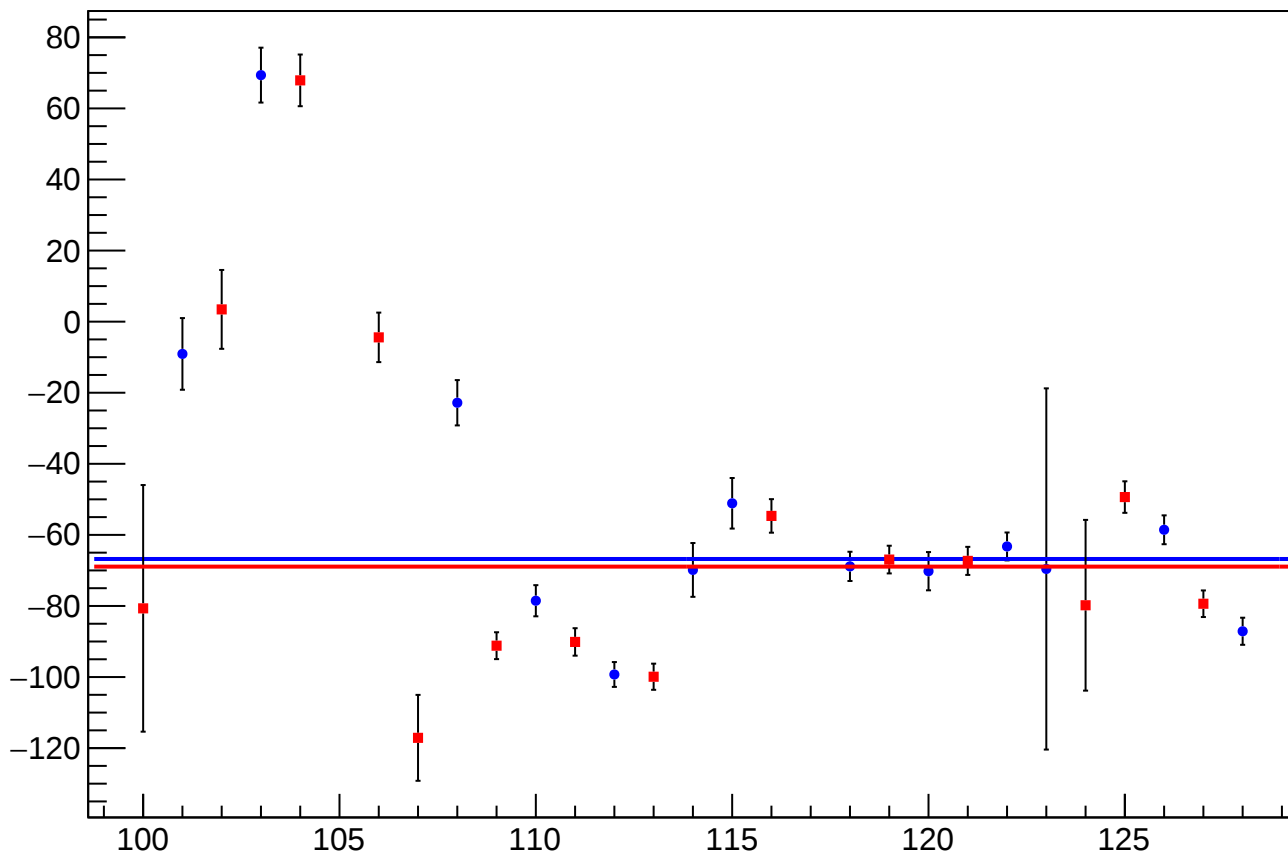
Right: 98.110 $\pm$ 0.068 χ^2 /NDF: 67056.1/26

In: 100.713 $\pm$ 0.103 χ^2 /NDF:42112.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 98.110 $\pm$ 0.068 χ^2 /NDF: 67056.1/26

reg_asym_at1_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -66.781+/-1.399 χ^2/NDF : 523.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -68.926+/-1.330 χ^2/NDF : 671.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

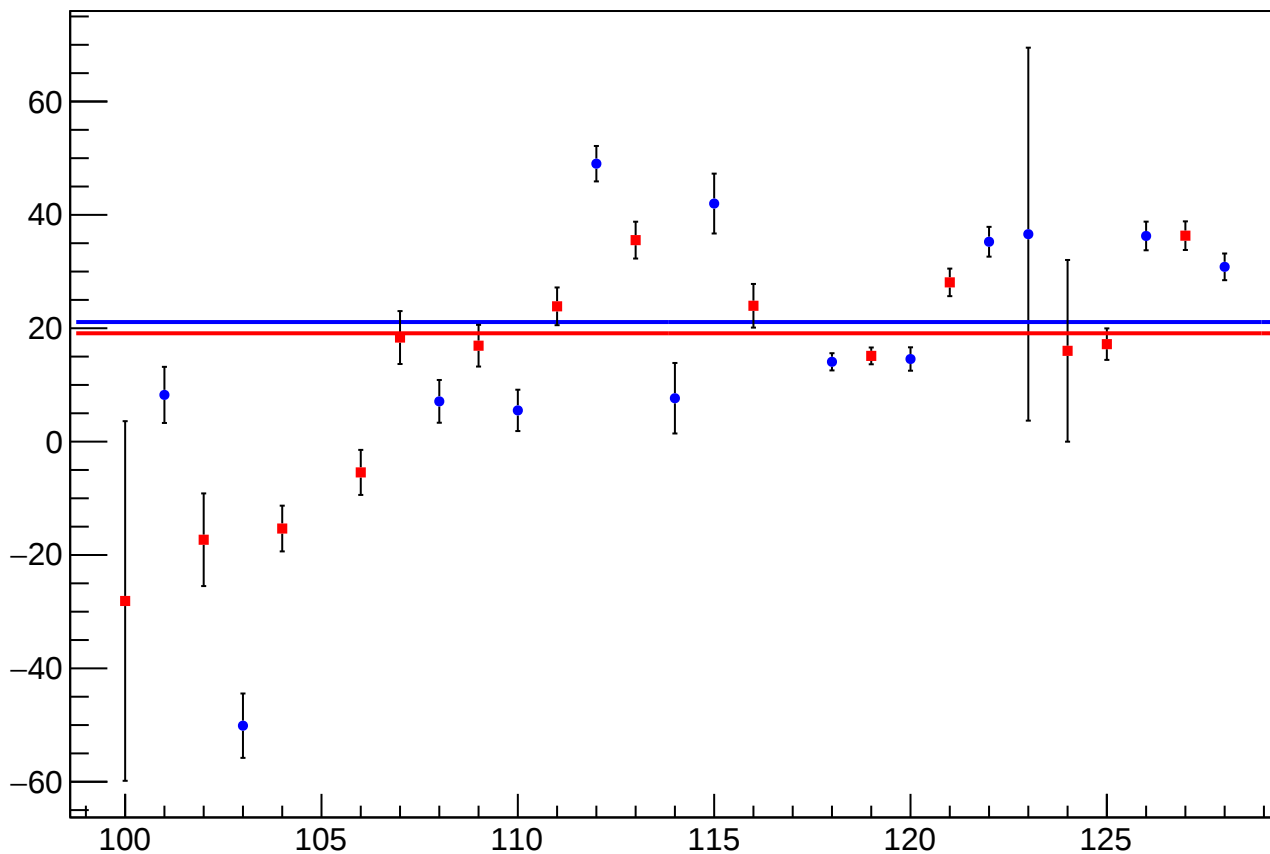
Right: -67.908+/-0.964 χ^2/NDF : 1196.0/26

In: -66.781+/-1.399 χ^2/NDF : 523.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -67.908+/-0.964 χ^2/NDF : 1196.0/26

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 21.094 $\pm$ 0.808 χ^2 /NDF: 410.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 19.111 $\pm$ 0.837 χ^2 /NDF: 230.7/13

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

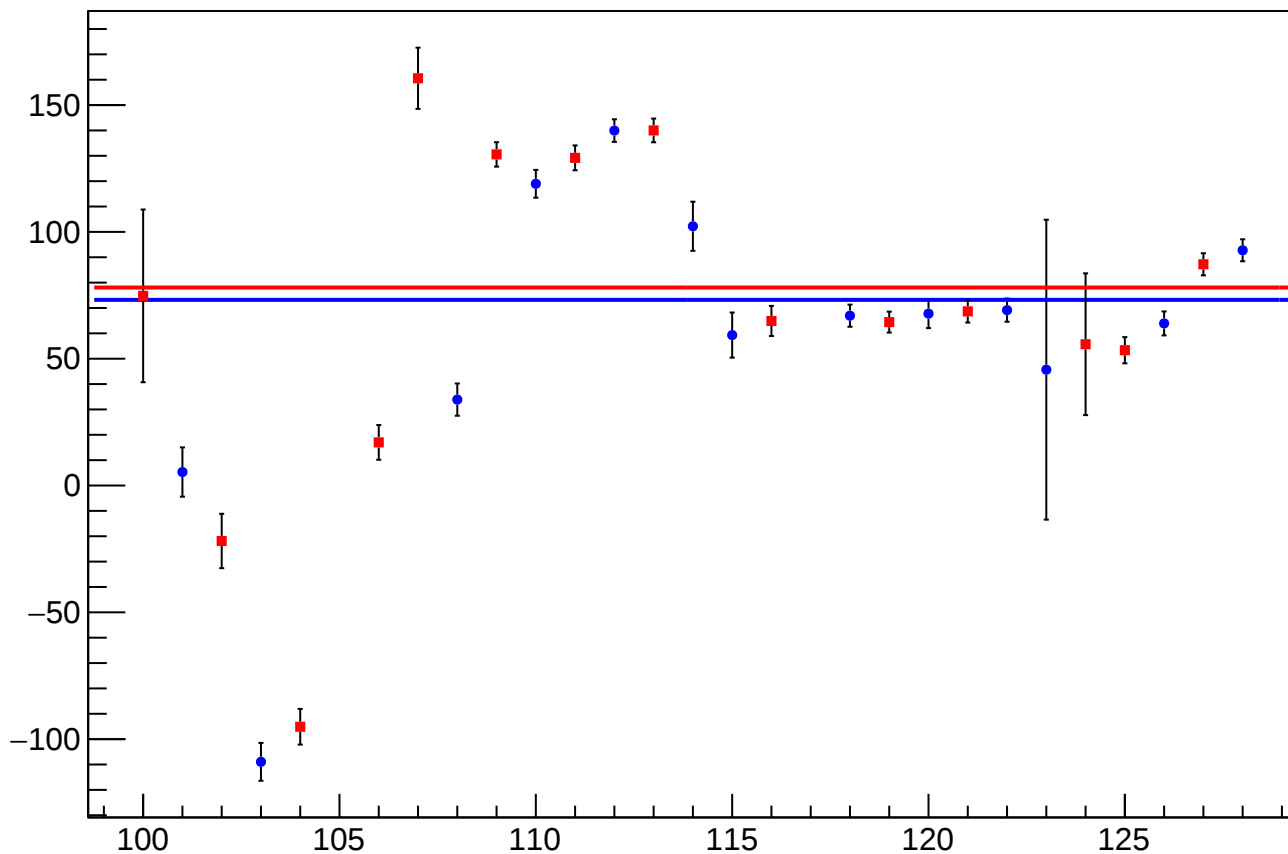
Right: 20.138 $\pm$ 0.581 χ^2 /NDF: 643.7/26

In: 21.094 $\pm$ 0.808 χ^2 /NDF:410.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 20.138 $\pm$ 0.581 χ^2 /NDF: 643.7/26

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 73.201+/-1.602 χ^2/NDF : 1015.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.059+/-1.546 χ^2/NDF : 1269.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

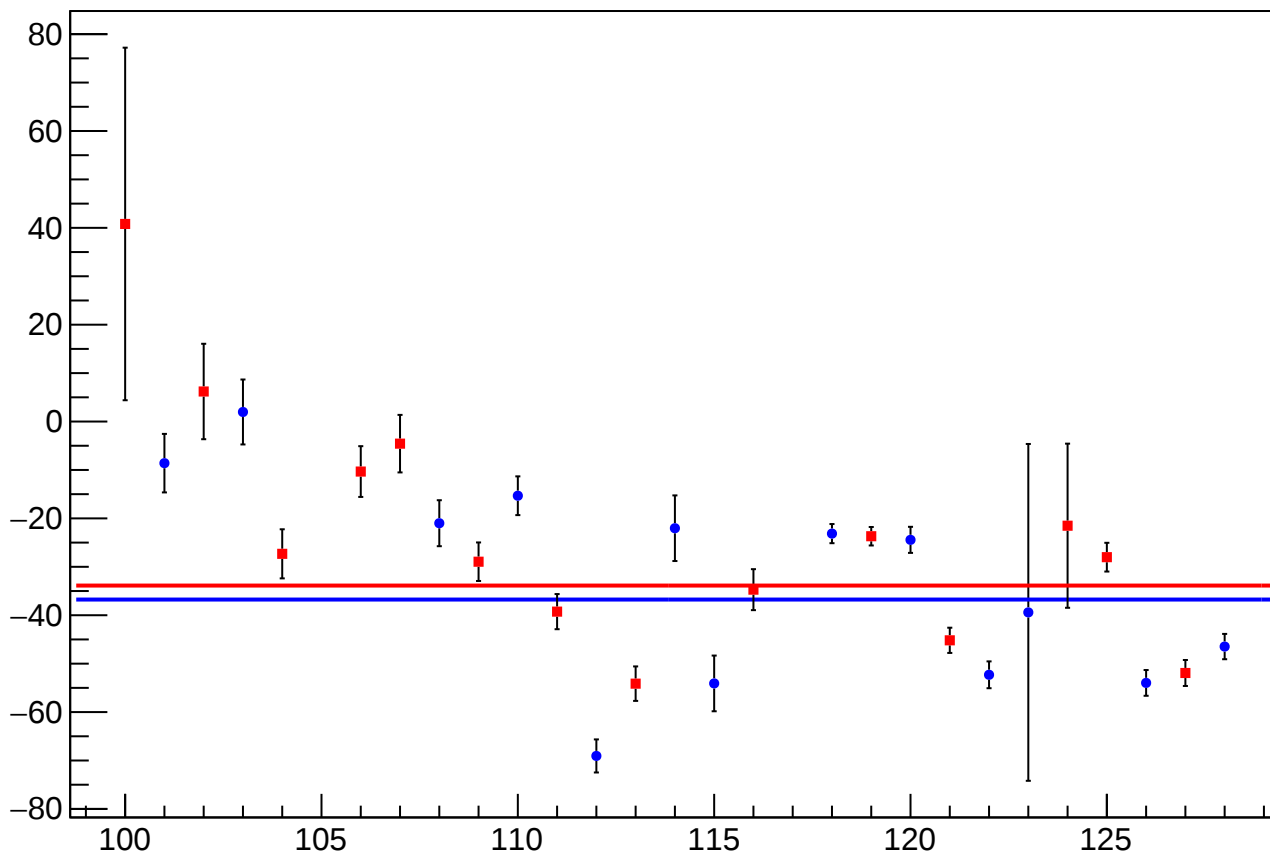
Right: 75.716+/-1.112 χ^2/NDF : 2290.5/26

In: 73.201+/-1.602 χ^2/NDF : 1015.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.716+/-1.112 χ^2/NDF : 2290.5/26

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -36.761+/-0.950 χ^2/NDF : 353.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -33.873+/-0.968 χ^2/NDF : 200.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

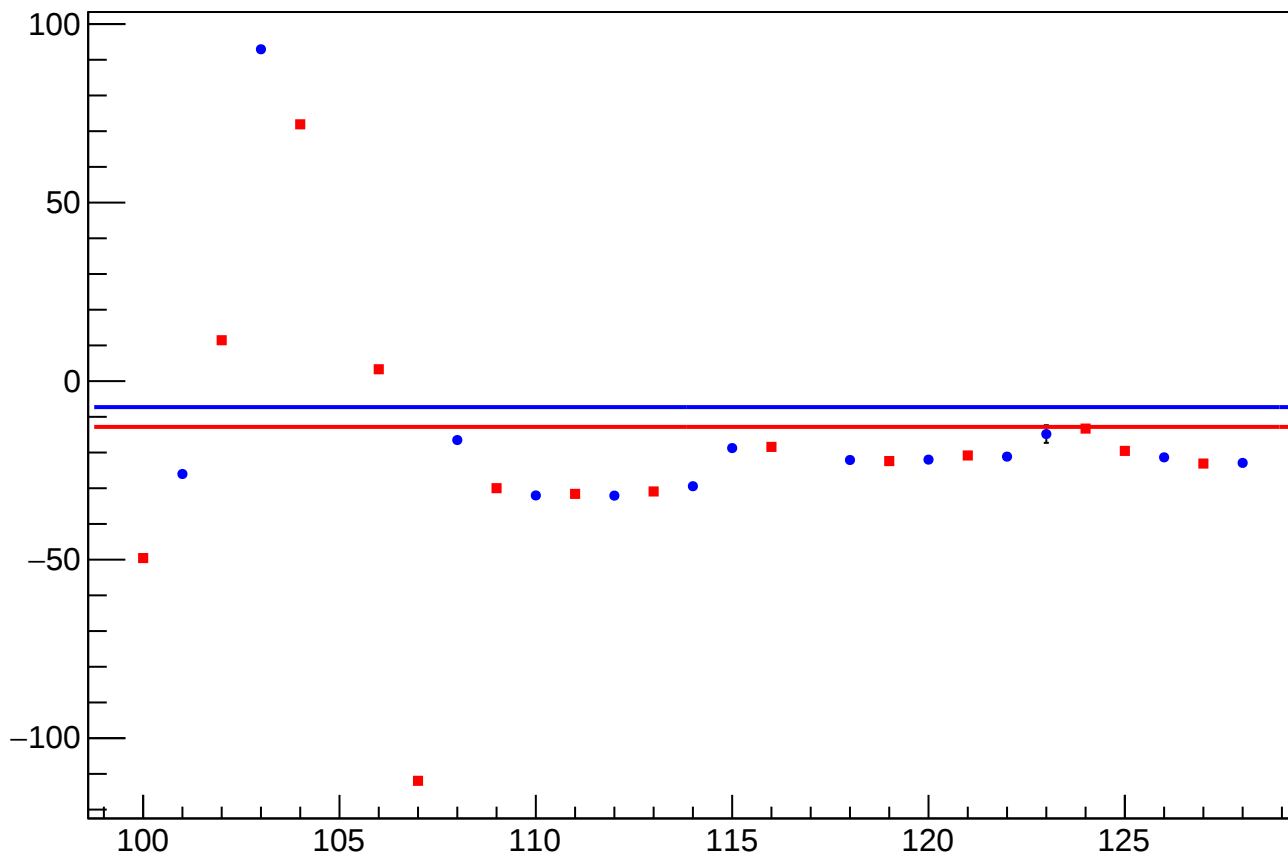
Right: -35.344+/-0.678 χ^2/NDF : 558.3/26

In: -36.761+/-0.950 χ^2/NDF : 353.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.344+/-0.678 χ^2/NDF : 558.3/26

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -7.277+/-0.061 χ^2/NDF : 418581.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.818+/-0.060 χ^2/NDF : 401425.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

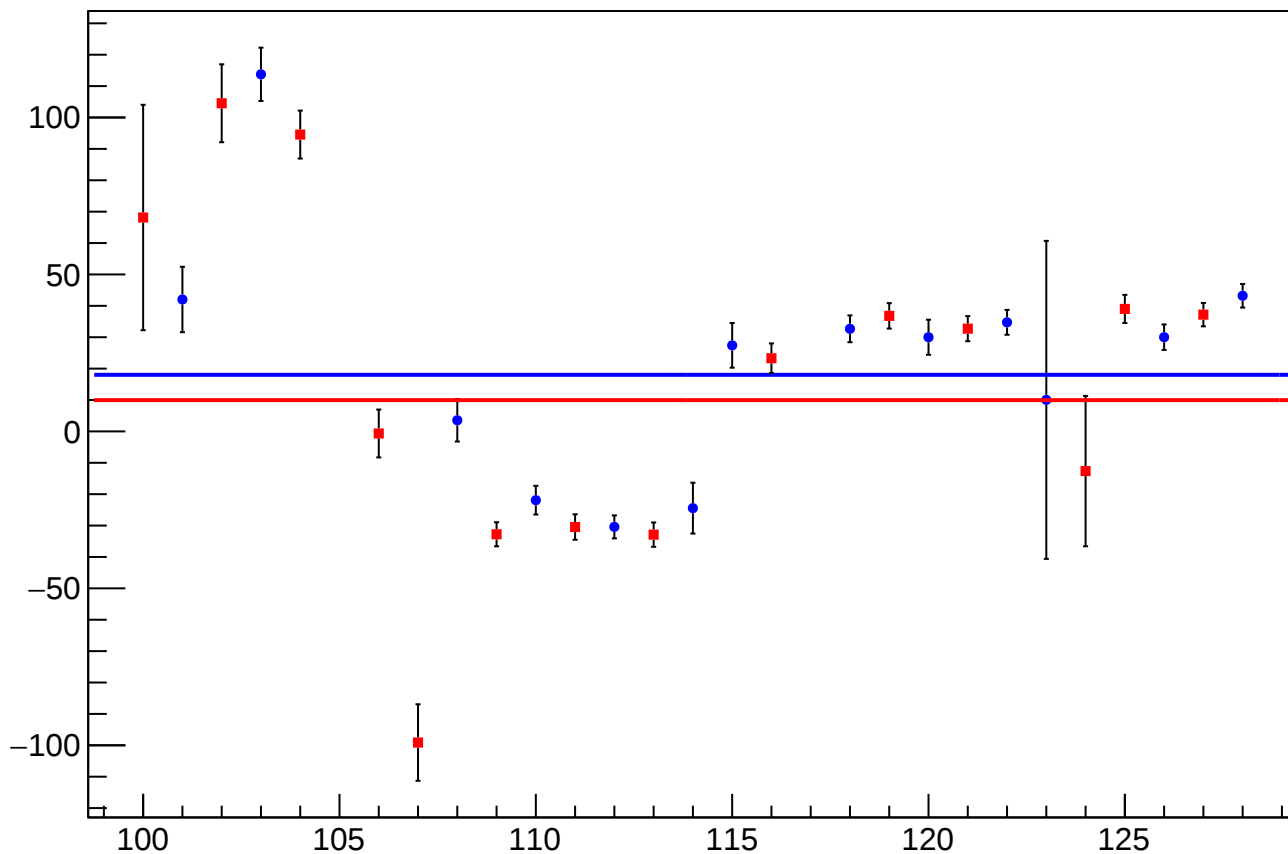
Right: -10.103+/-0.043 χ^2/NDF : 824210.7/26

In: -7.277+/-0.061 χ^2/NDF : 418581.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.103+/-0.043 χ^2/NDF : 824210.7/26

reg_asym_at1_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 18.027+/-1.436 χ^2 /NDF: 505.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 9.951+/-1.367 χ^2 /NDF: 791.1/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

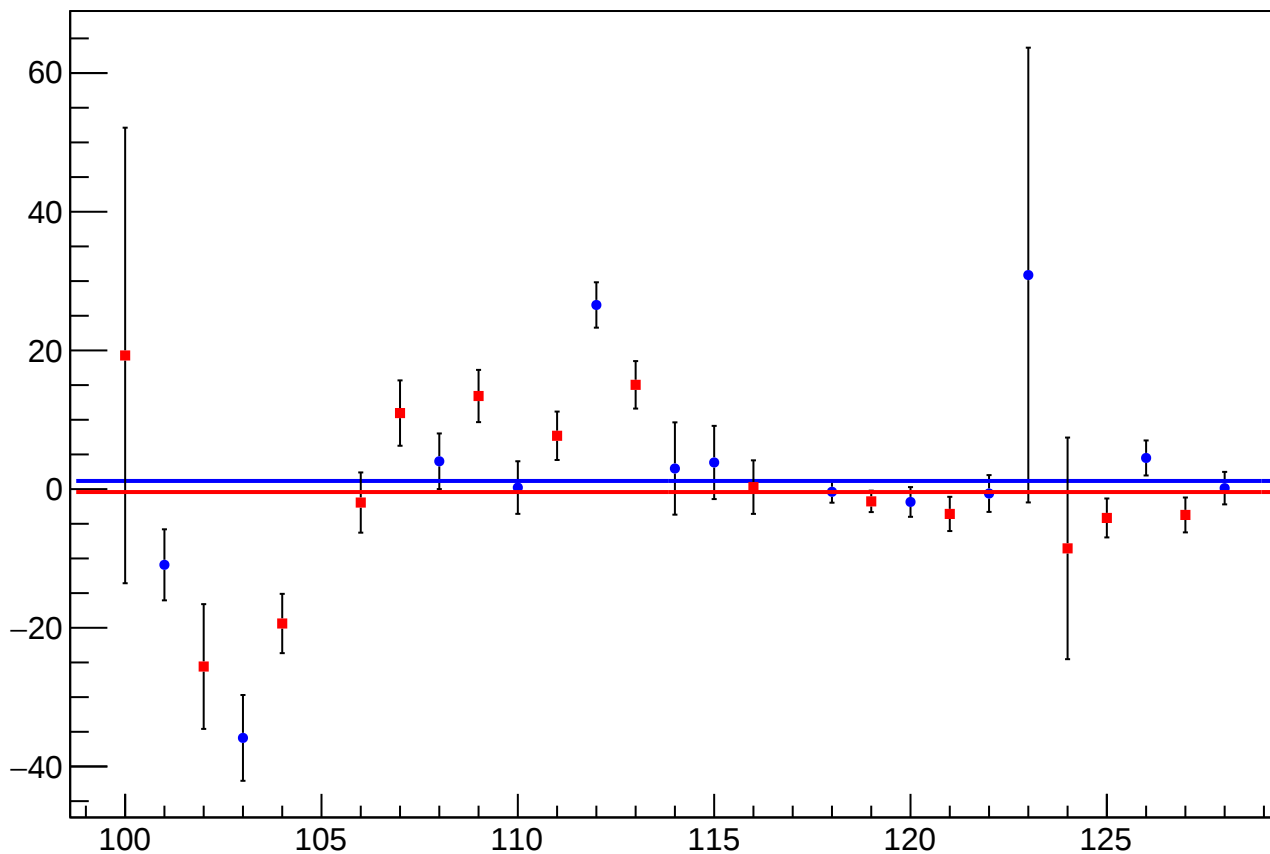
Right: 13.790+/-0.990 χ^2 /NDF: 1313.3/26

In: 18.027+/-1.436 χ^2 /NDF:505.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 13.790+/-0.990 χ^2 /NDF: 1313.3/26

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.176+/-0.830 χ^2/NDF : 108.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.423+/-0.863 χ^2/NDF : 79.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

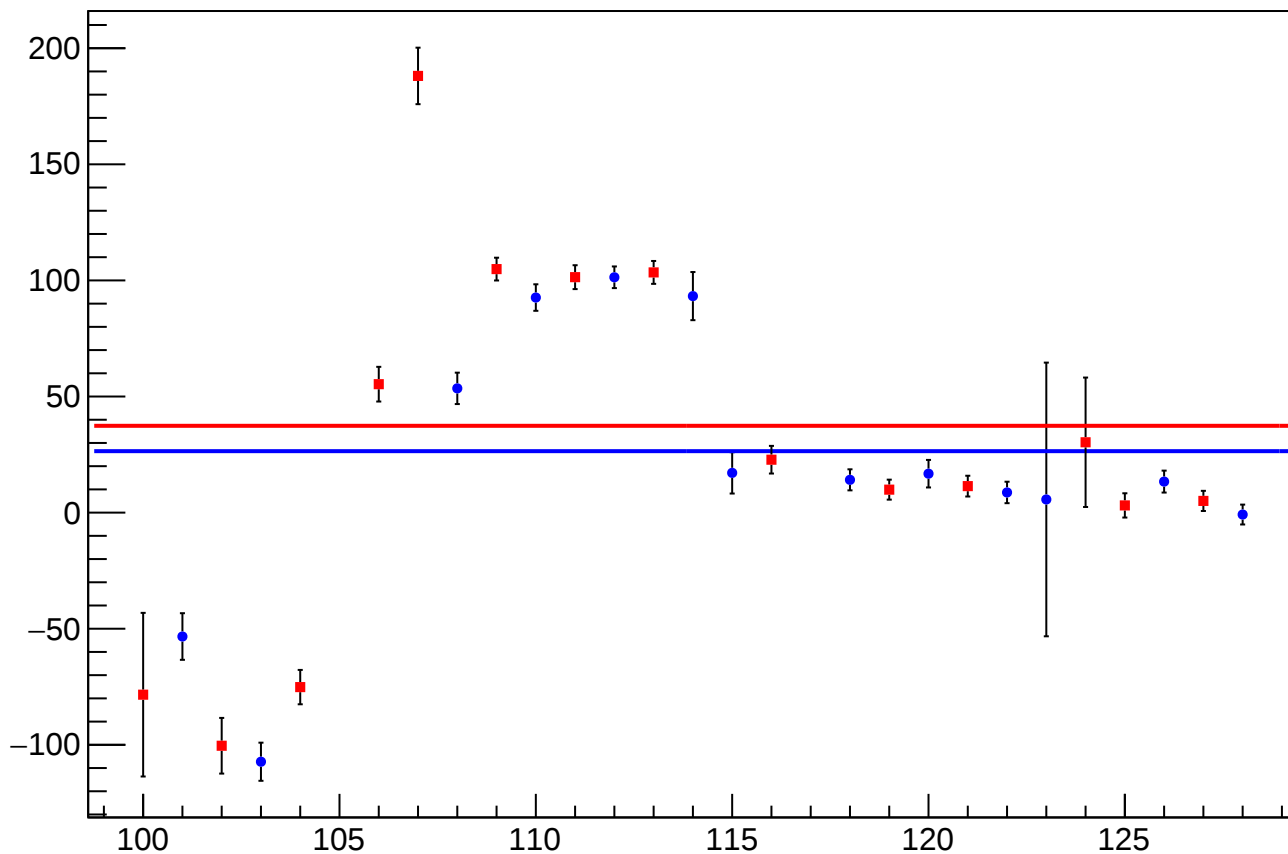
Right: 0.407+/-0.598 χ^2/NDF : 189.7/26

In: 1.176+/-0.830 χ^2/NDF : 108.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.407+/-0.598 χ^2/NDF : 189.7/26

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 26.467+/-1.646 χ^2/NDF : 852.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.387+/-1.592 χ^2/NDF : 1236.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

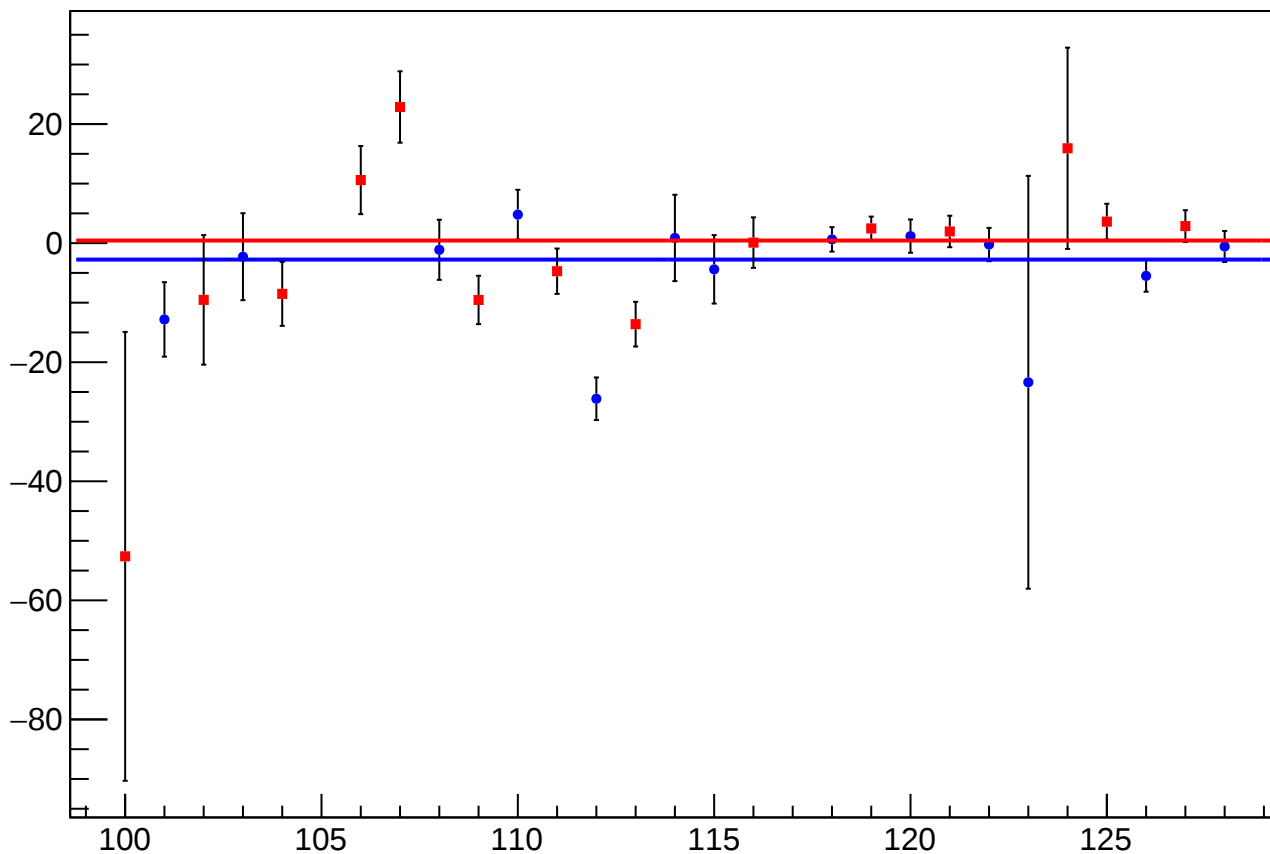
Right: 32.110+/-1.144 χ^2/NDF : 2112.6/26

In: 26.467+/-1.646 χ^2/NDF : 852.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.110+/-1.144 χ^2/NDF : 2112.6/26

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.761+/-0.975 χ^2/NDF : 56.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.438+/-0.996 χ^2/NDF : 48.8/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

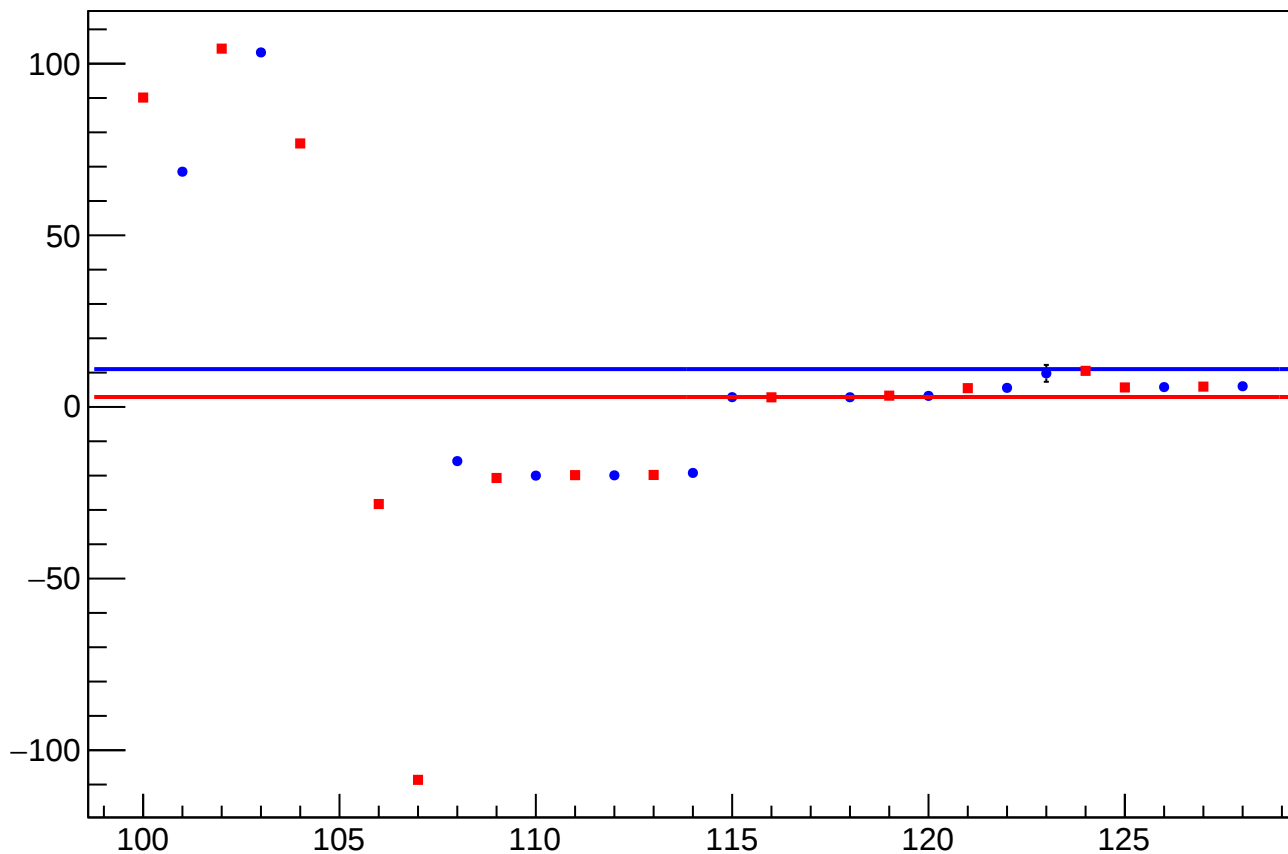
Right: -1.195+/-0.697 χ^2/NDF : 110.7/26

In: -2.761+/-0.975 χ^2/NDF :56.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.195+/-0.697 χ^2/NDF : 110.7/26

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 11.023+/-0.063 χ^2/NDF : 349509.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.901+/-0.062 χ^2/NDF : 510277.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

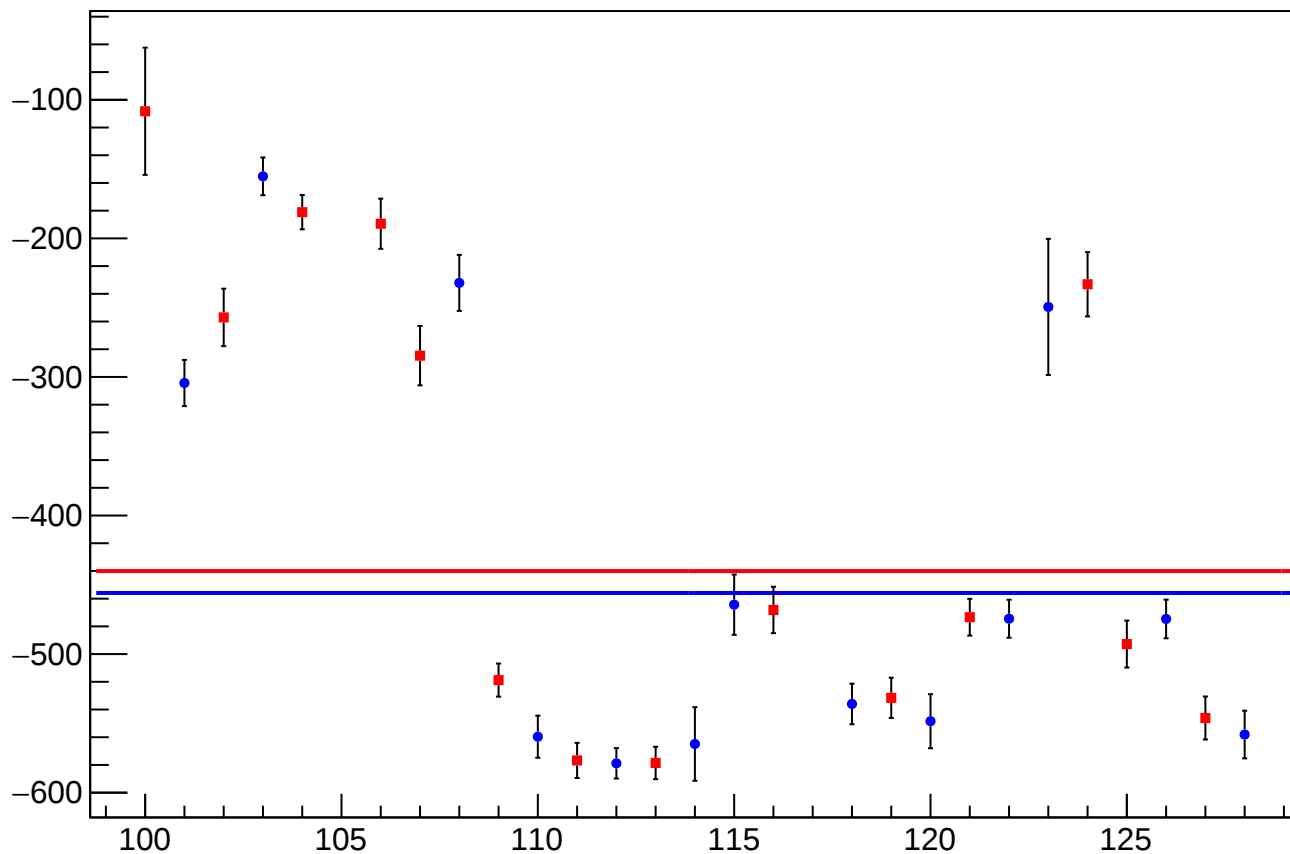
Right: 6.888+/-0.044 χ^2/NDF : 868145.7/26

In: 11.023+/-0.063 χ^2/NDF : 349509.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.888+/-0.044 χ^2/NDF : 868145.7/26

reg_asym_at2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -455.900+/-4.510 χ^2/NDF : 991.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -440.076+/-4.131 χ^2/NDF : 1297.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

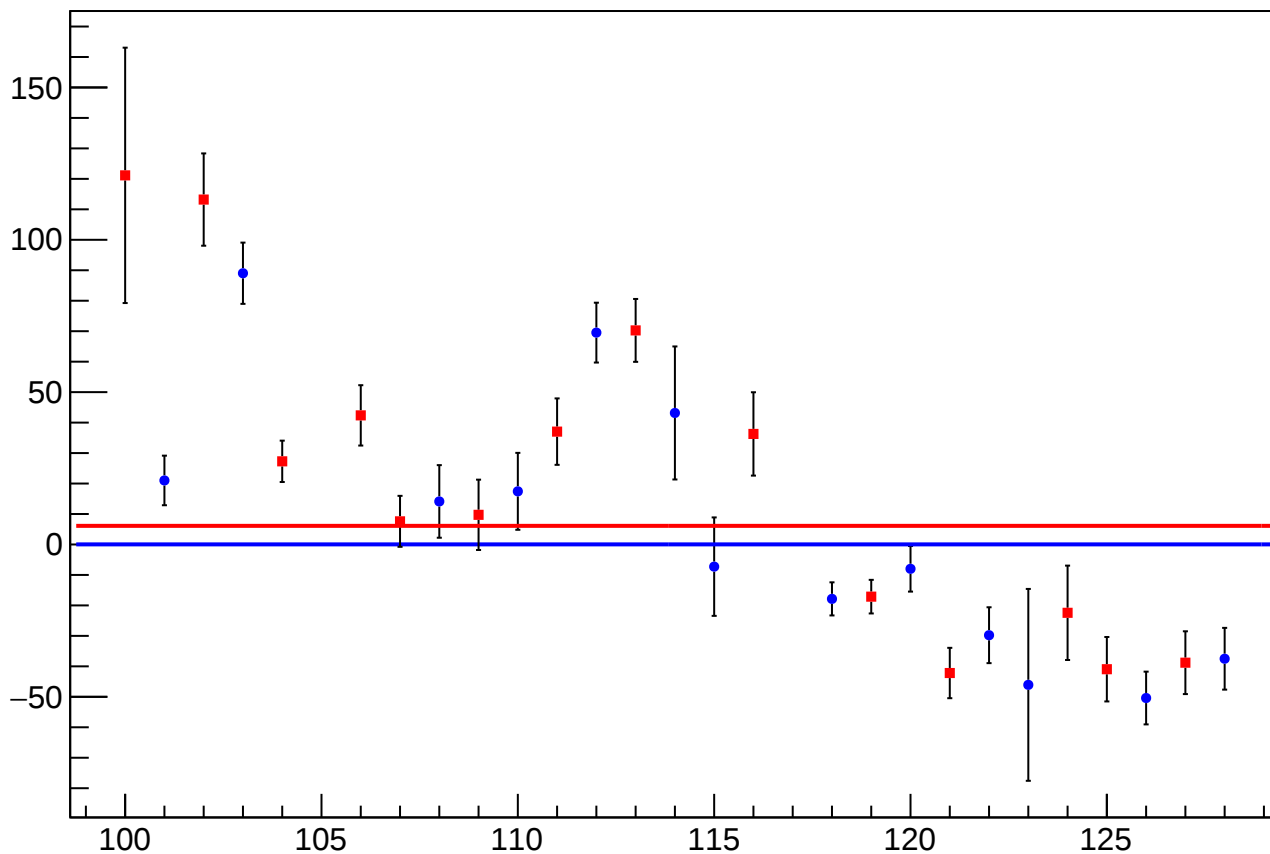
Right: -447.294+/-3.046 χ^2/NDF : 2295.3/26

In: -455.900+/-4.510 χ^2/NDF : 991.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -447.294+/-3.046 χ^2/NDF : 2295.3/26

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.031+/-2.650 χ^2/NDF : 214.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.112+/-2.566 χ^2/NDF : 226.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

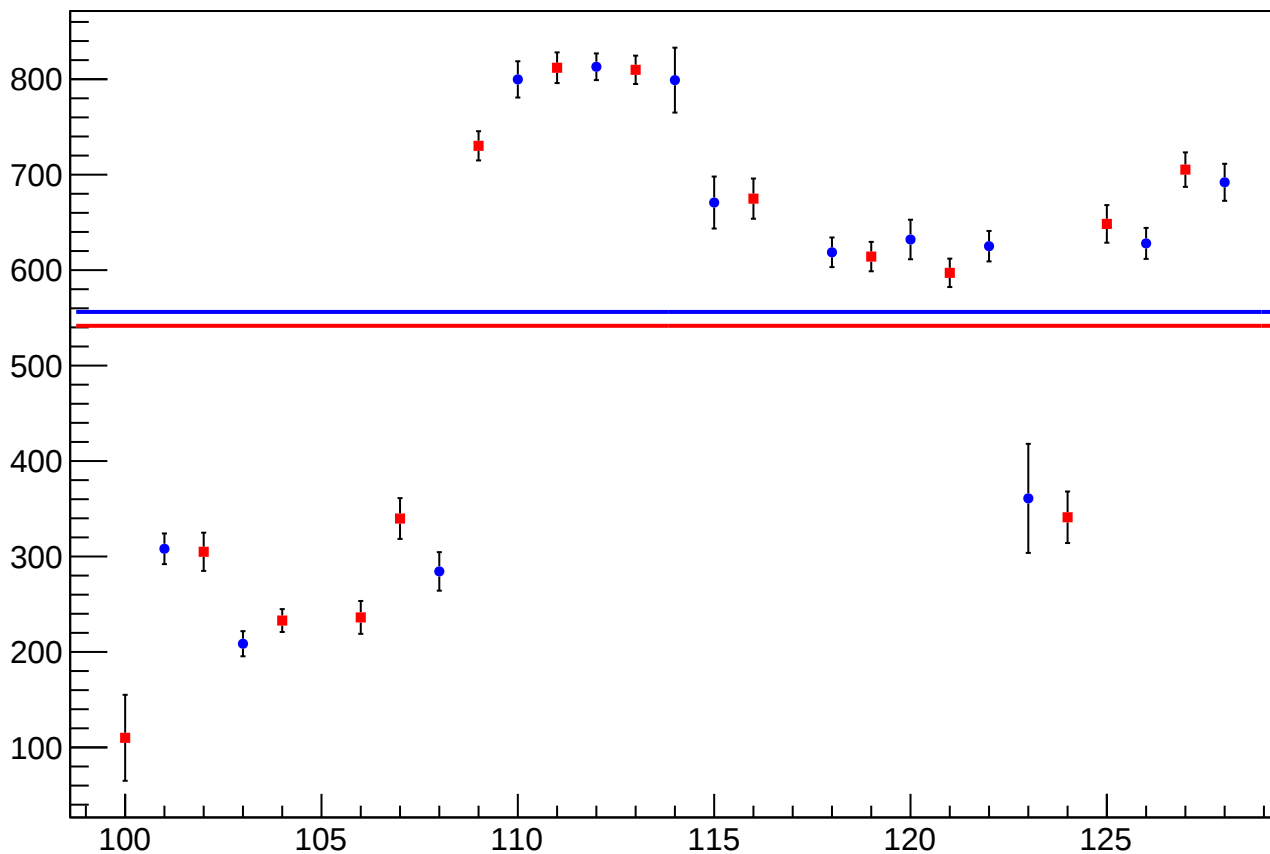
Right: 3.169+/-1.844 χ^2/NDF : 444.0/26

In: 0.031+/-2.650 χ^2/NDF : 214.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.169+/-1.844 χ^2/NDF : 444.0/26

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 556.207+/-5.040 χ^2/NDF : 1816.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 541.667+/-4.653 χ^2/NDF : 2303.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

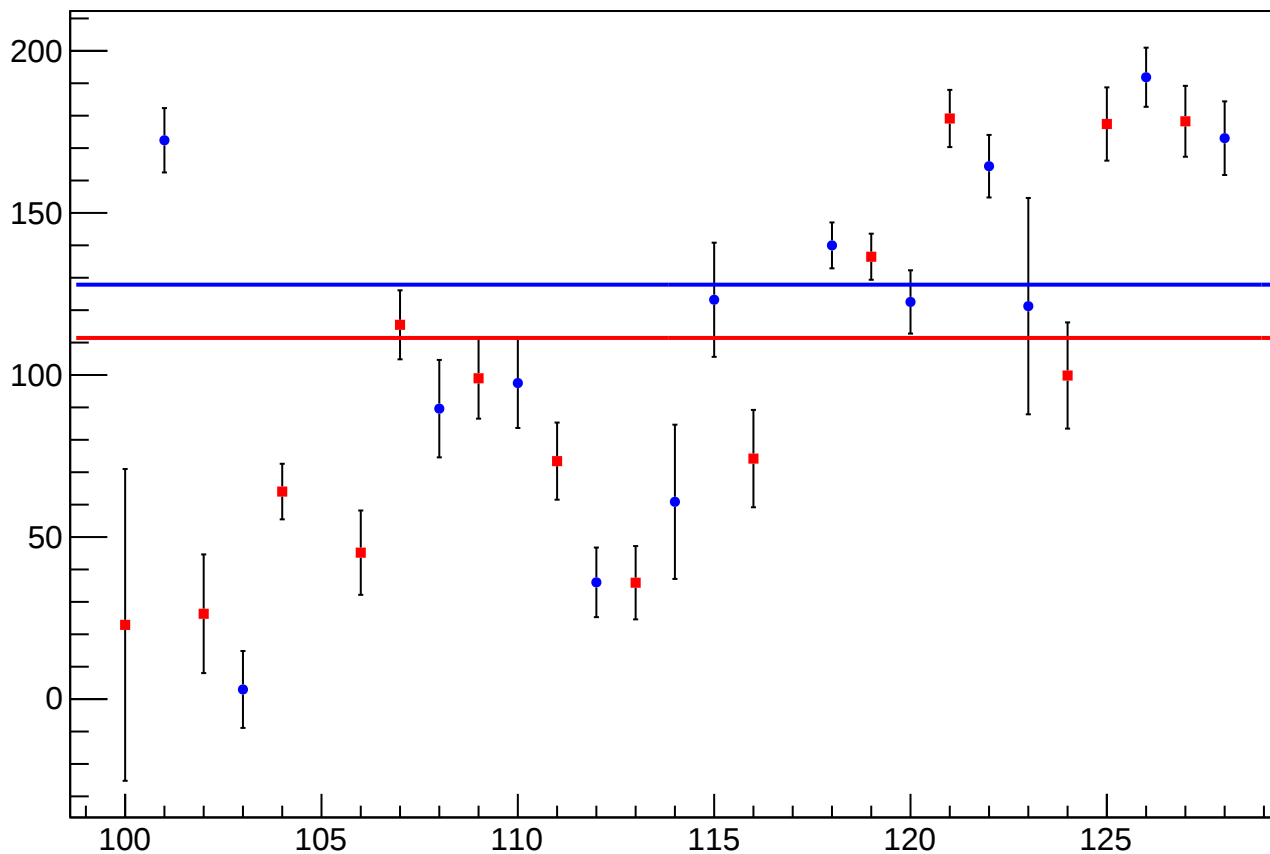
Right: 548.358+/-3.419 χ^2/NDF : 4124.6/26

In: 556.207+/-5.040 χ^2/NDF : 1816.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 548.358+/-3.419 χ^2/NDF : 4124.6/26

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 127.866+/-3.125 χ^2/NDF : 305.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 111.430+/-3.014 χ^2/NDF : 286.8/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 119.351+/-2.170 χ^2/NDF : 607.1/26

In: 127.866+/-3.125 χ^2/NDF :305.9/12

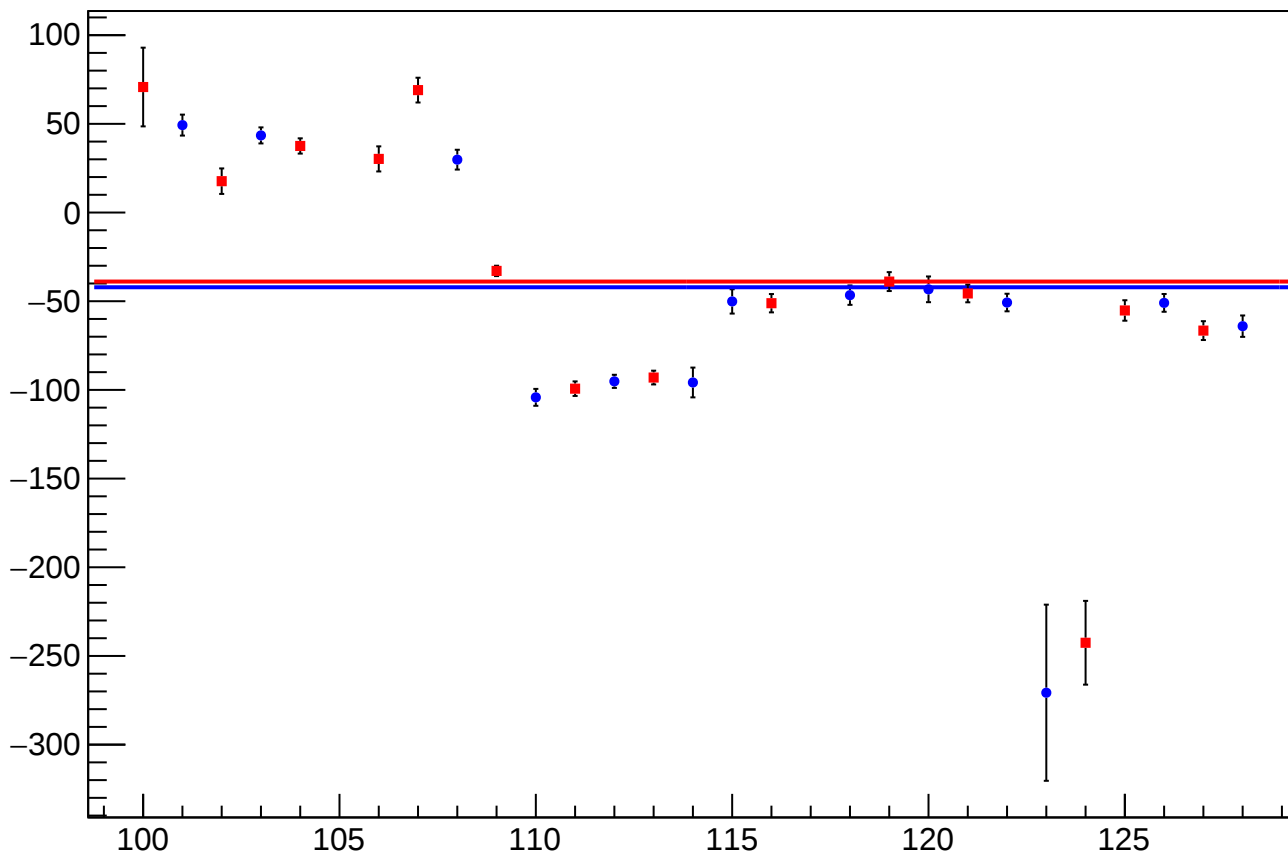
Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 119.351+/-2.170 χ^2/NDF : 607.1/26

Figure 1 is a scatter plot showing the relationship between the number of nodes (x-axis) and the number of edges (y-axis) for two different network models. The x-axis ranges from 100 to 125, and the y-axis ranges from 0 to 10. Blue circles represent one model, and red squares represent another. Two horizontal lines are drawn: a red line at $y \approx 4.5$ and a blue line at $y \approx 4.0$. The data points for both models show a general upward trend, with the red squares generally having higher edge counts than the blue circles for the same number of nodes.

All: -215.964 ± 0.117 χ^2/NDF : 135173.1/26

reg_asym_at2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -42.131+/-1.537 χ^2/NDF : 1222.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.914+/-1.362 χ^2/NDF : 1268.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

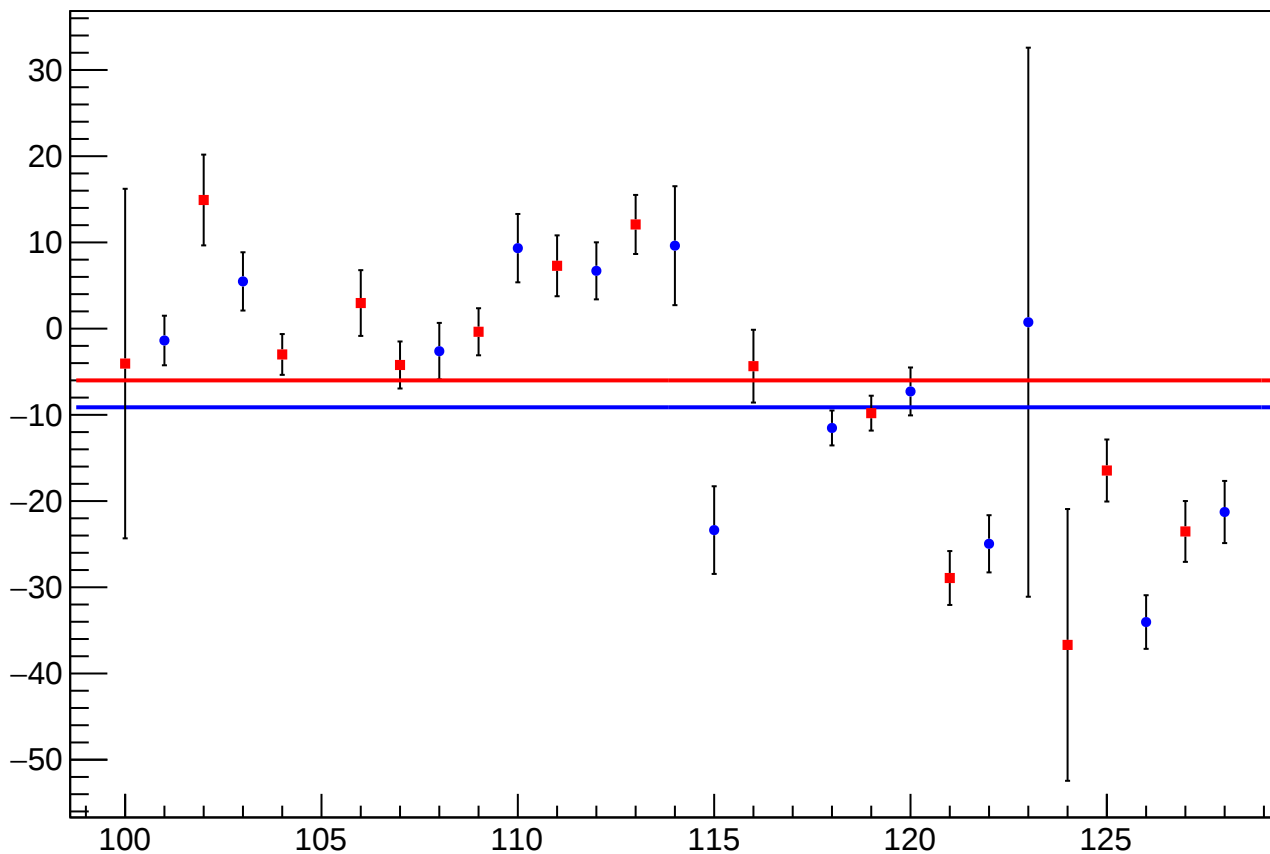
Right: -40.329+/-1.020 χ^2/NDF : 2493.6/26

In: -42.131+/-1.537 χ^2/NDF : 1222.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.329+/-1.020 χ^2/NDF : 2493.6/26

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -9.124+/-0.928 χ^2/NDF : 189.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.004+/-0.882 χ^2/NDF : 164.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

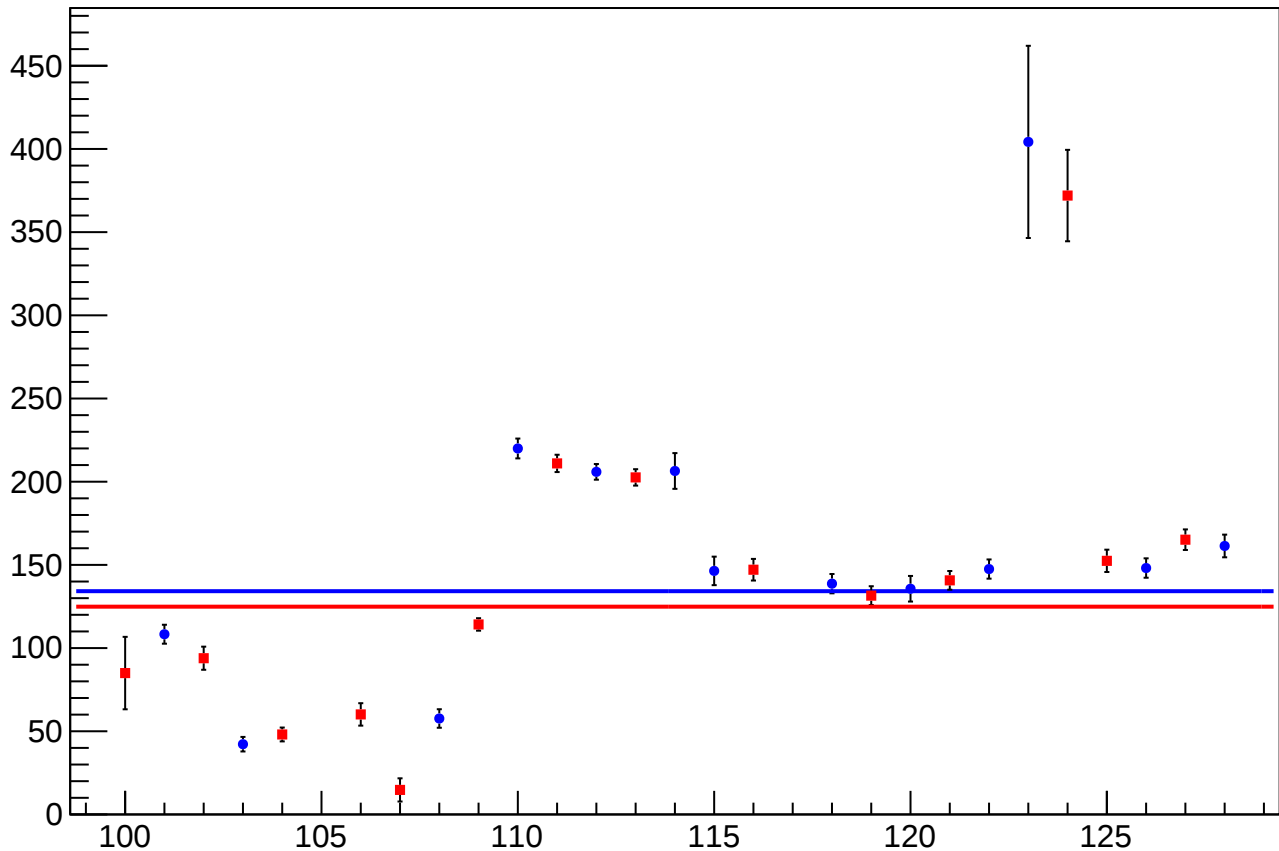
Right: -7.486+/-0.639 χ^2/NDF : 359.9/26

In: -9.124+/-0.928 χ^2/NDF : 189.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.486+/-0.639 χ^2/NDF : 359.9/26

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 134.199+/-1.718 χ^2/NDF : 1186.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.889+/-1.564 χ^2/NDF : 1396.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

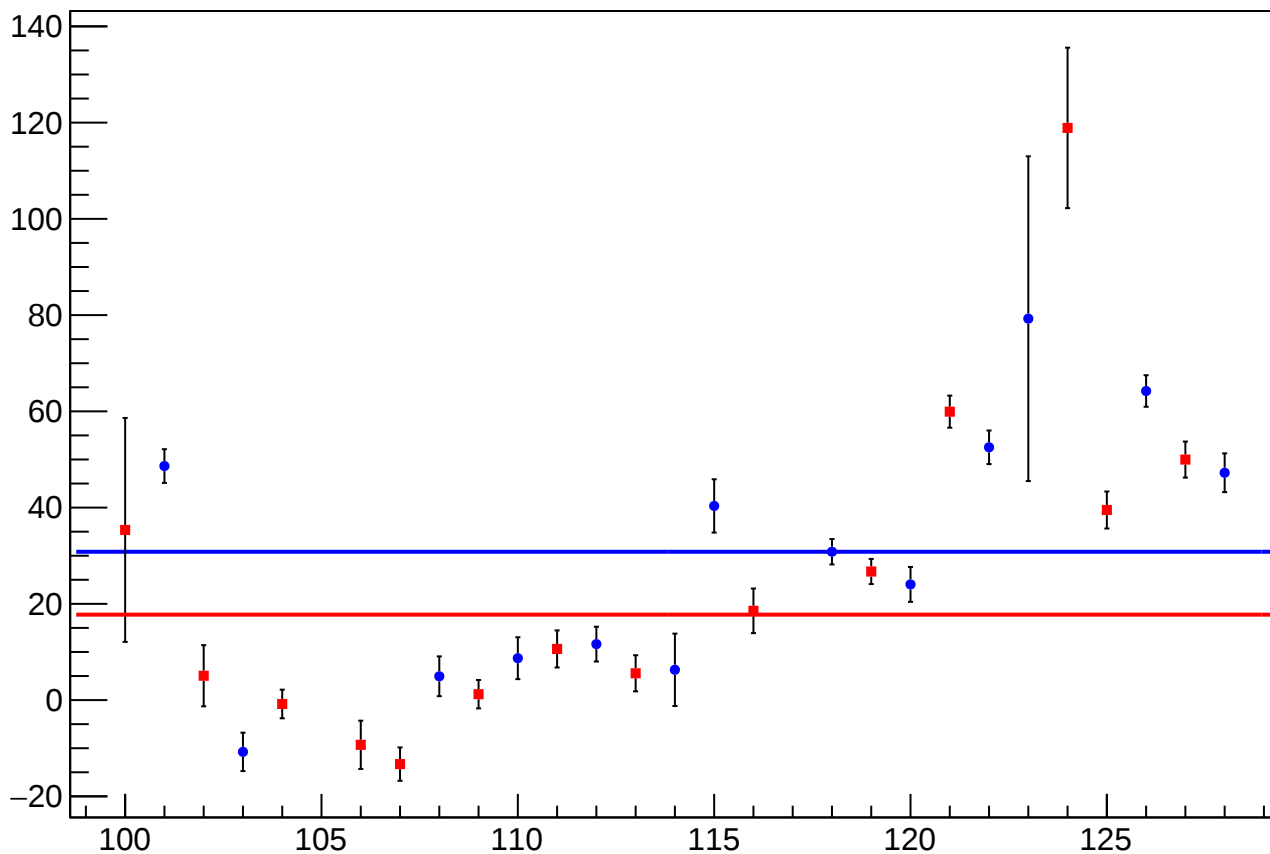
Right: 129.107+/-1.157 χ^2/NDF : 2599.5/26

In: 134.199+/-1.718 χ^2/NDF : 1186.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.107+/-1.157 χ^2/NDF : 2599.5/26

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 30.823+/-1.092 χ^2/NDF : 405.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.754+/-1.030 χ^2/NDF : 512.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

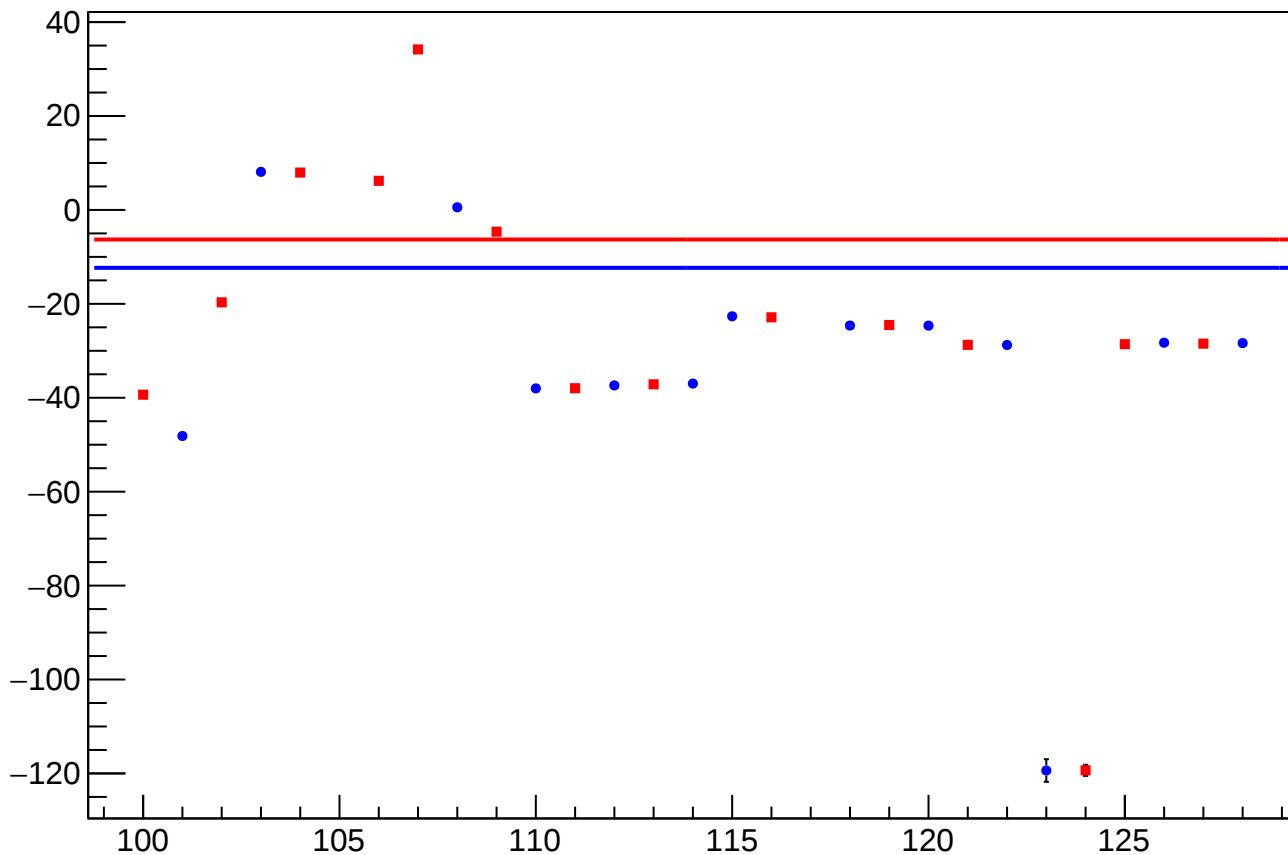
Right: 23.913+/-0.749 χ^2/NDF : 994.4/26

In: 30.823+/-1.092 χ^2/NDF : 405.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.913+/-0.749 χ^2/NDF : 994.4/26

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -12.327+/-0.057 χ^2/NDF : 125835.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.299+/-0.054 χ^2/NDF : 169595.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

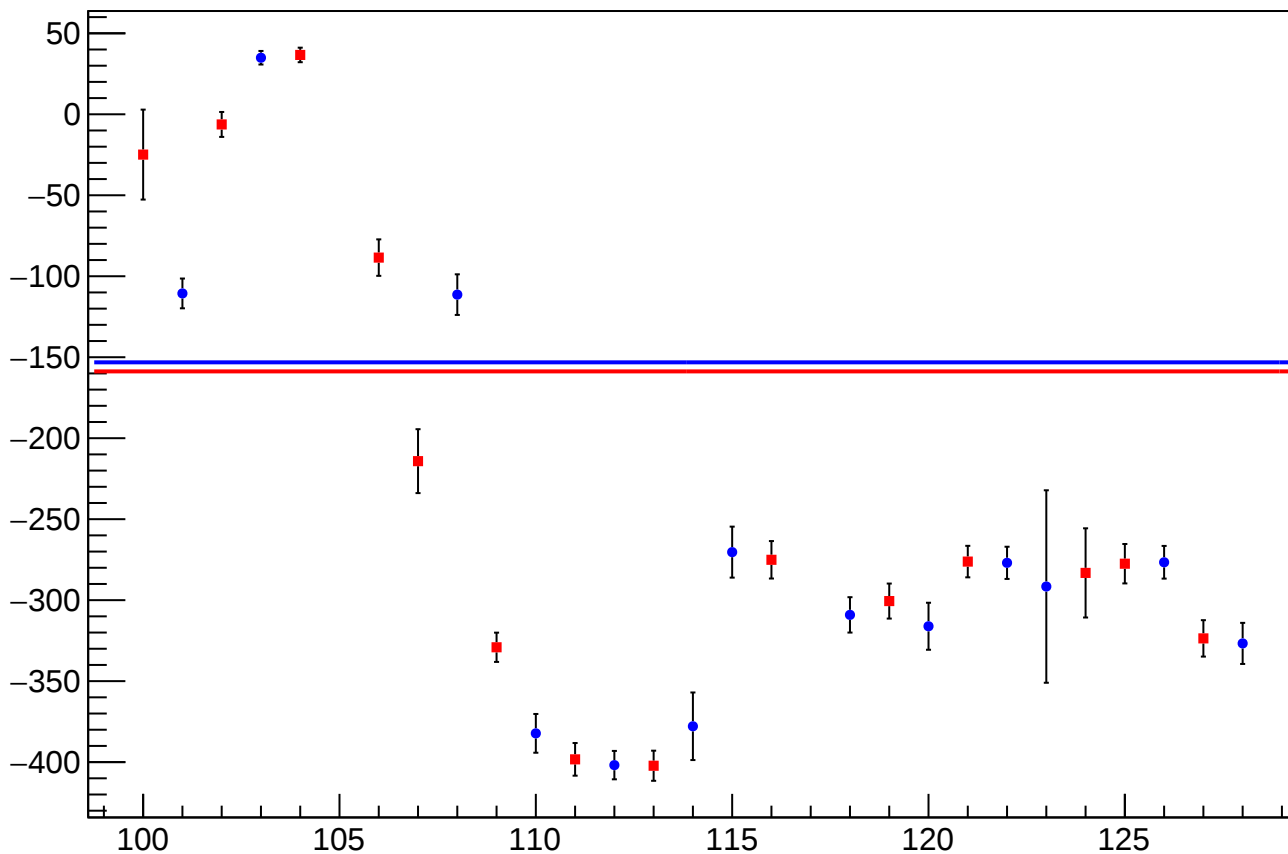
Right: -9.141+/-0.039 χ^2/NDF : 301278.1/26

In: -12.327+/-0.057 χ^2/NDF : 125835.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.141+/-0.039 χ^2/NDF : 301278.1/26

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -153.155+/-2.662 χ^2/NDF : 4218.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -158.751+/-2.544 χ^2/NDF : 4711.5/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

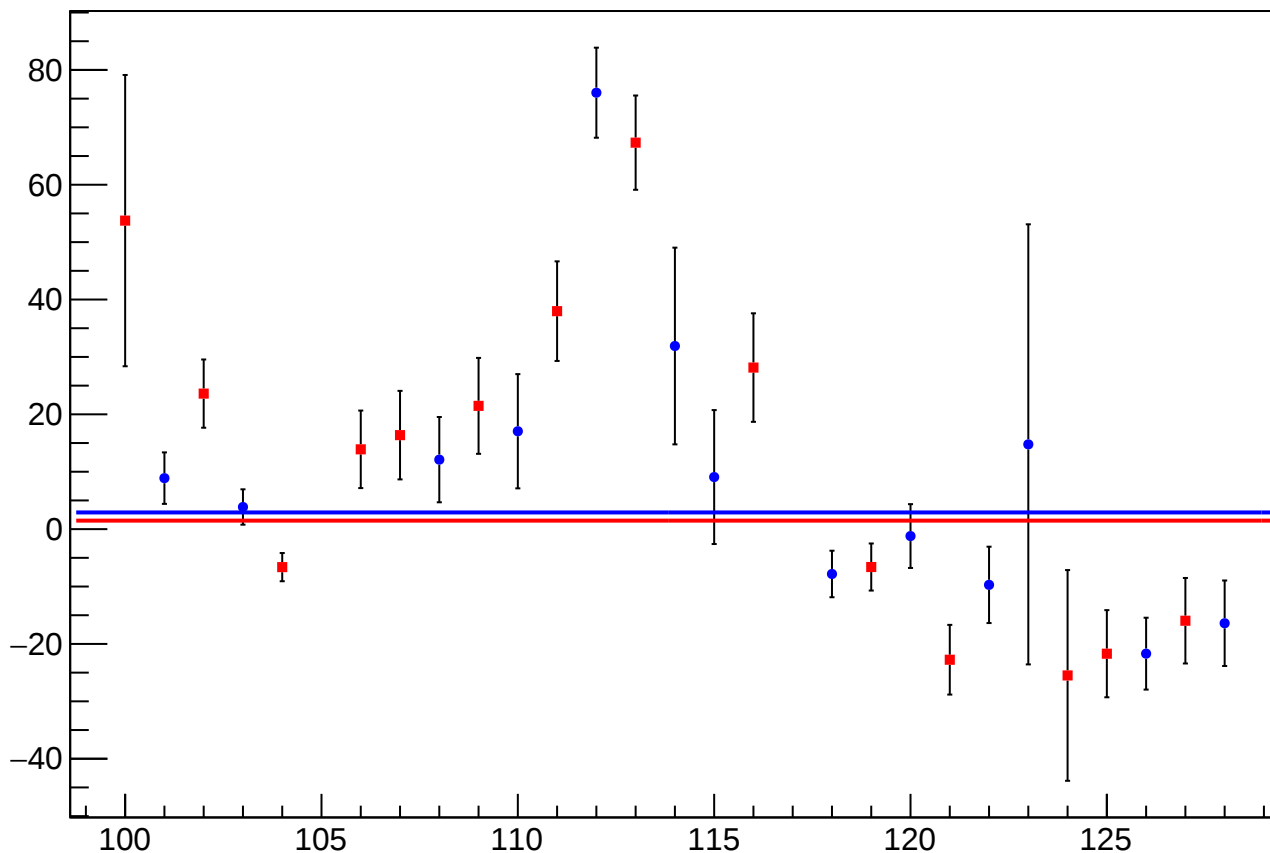
Right: -156.080+/-1.839 χ^2/NDF : 8932.3/26

In: -153.155+/-2.662 χ^2/NDF :4218.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -156.080+/-1.839 χ^2/NDF : 8932.3/26

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.908+/-1.643 χ^2/NDF : 128.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.483+/-1.557 χ^2/NDF : 168.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

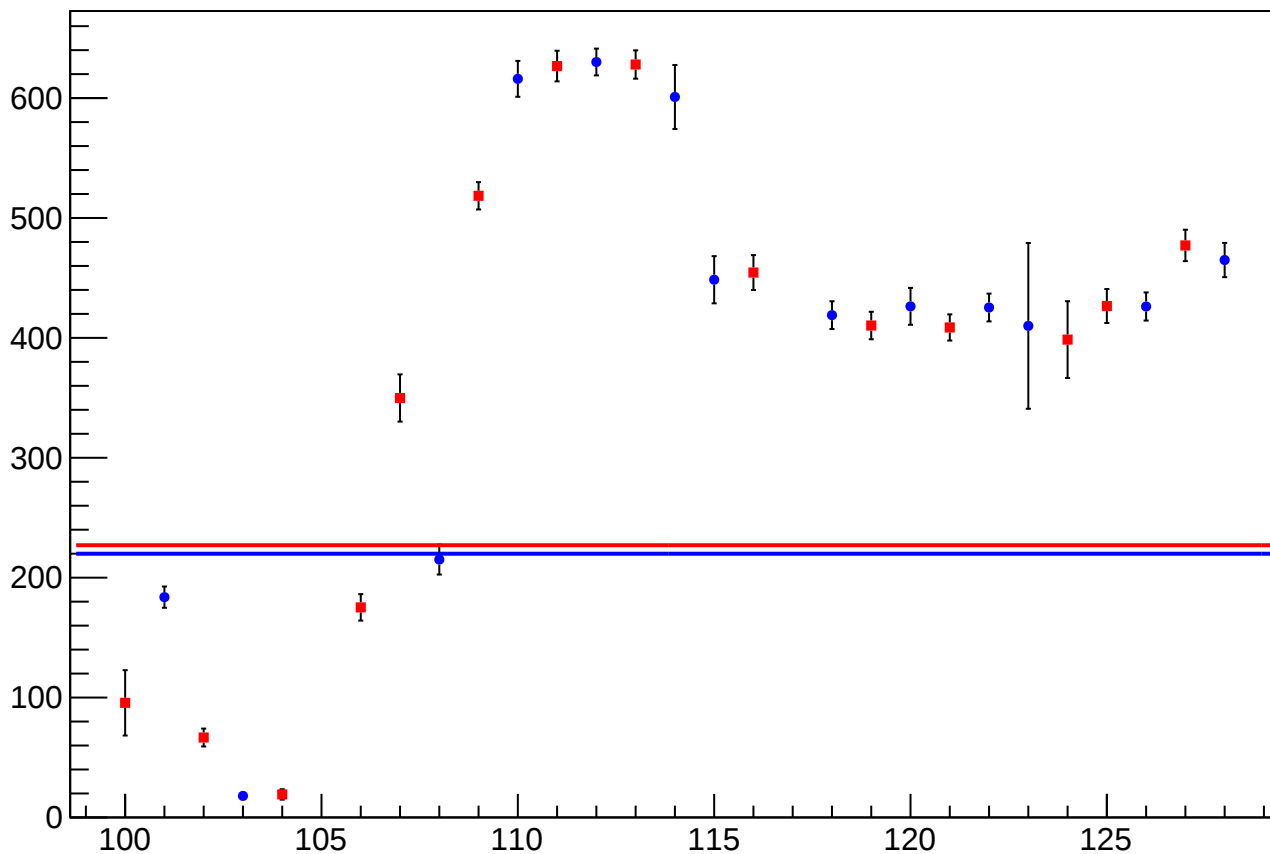
Right: 2.157+/-1.130 χ^2/NDF : 297.8/26

In: 2.908+/-1.643 χ^2/NDF : 128.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.157+/-1.130 χ^2/NDF : 297.8/26

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 219.975+/-2.795 χ^2/NDF : 6290.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 227.062+/-2.706 χ^2/NDF : 6986.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

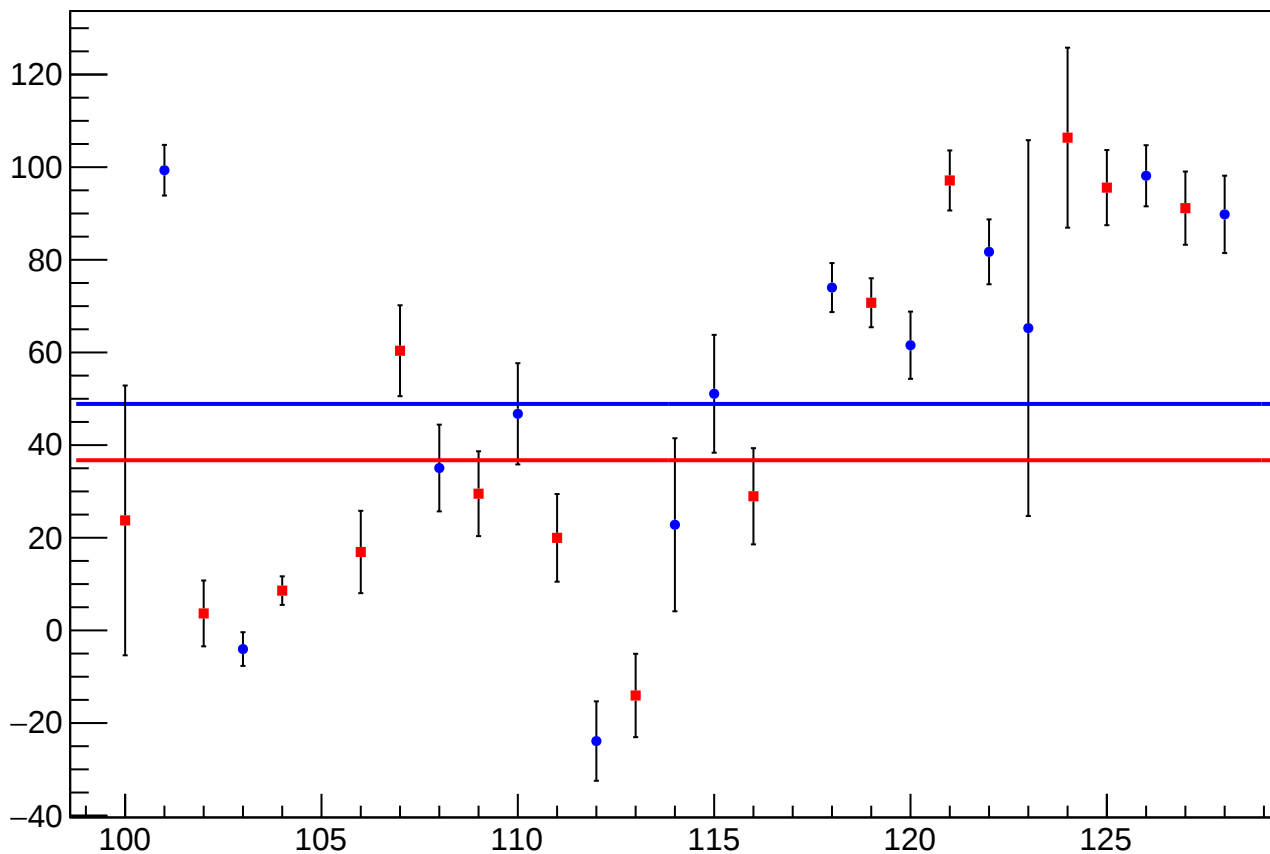
Right: 223.633+/-1.944 χ^2/NDF : 13280.2/26

In: 219.975+/-2.795 χ^2/NDF : 6290.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 223.633+/-1.944 χ^2/NDF : 13280.2/26

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 48.890+/-1.944 χ^2/NDF : 500.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.734+/-1.866 χ^2/NDF : 393.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

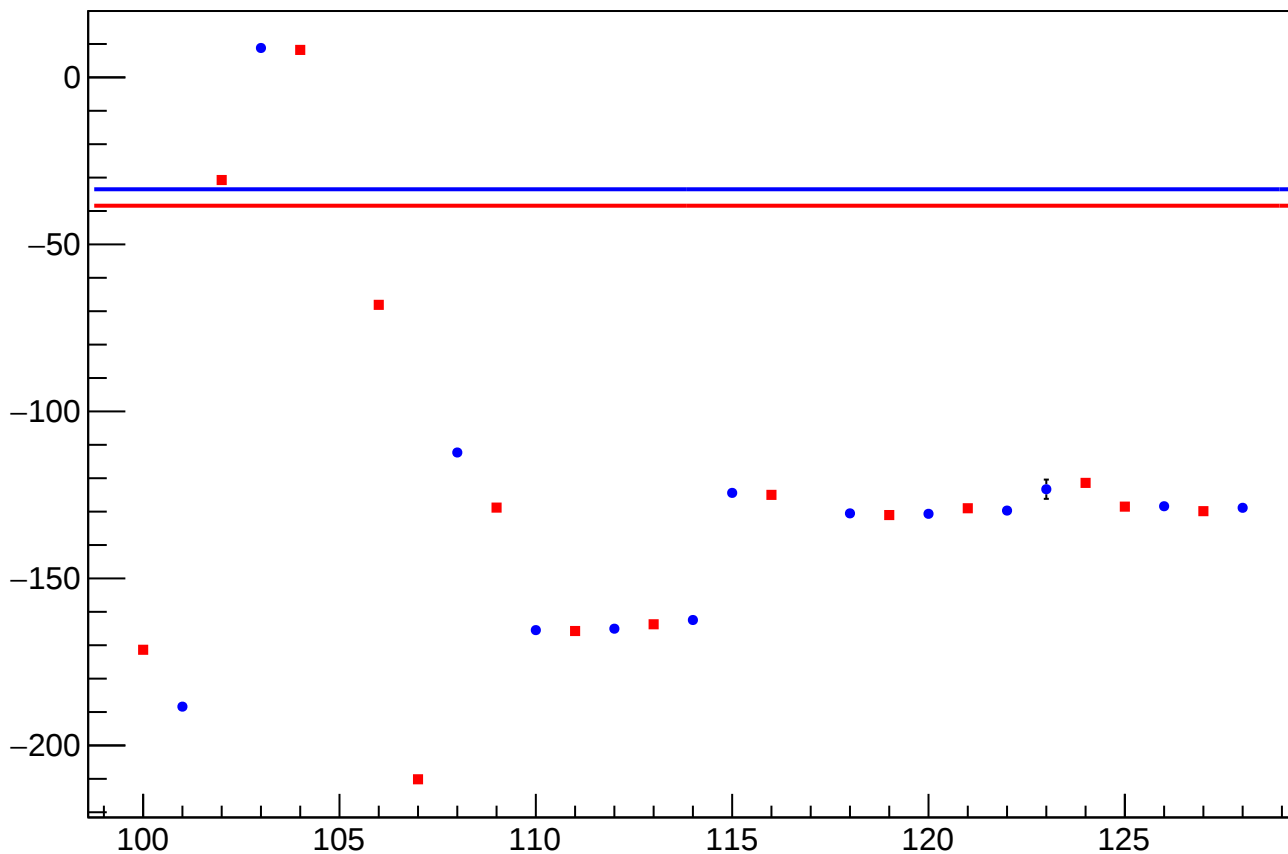
Right: 42.563+/-1.346 χ^2/NDF : 913.7/26

In: 48.890+/-1.944 χ^2/NDF : 500.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.563+/-1.346 χ^2/NDF : 913.7/26

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -33.496+/-0.077 χ^2/NDF : 811143.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.417+/-0.078 χ^2/NDF : 641579.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

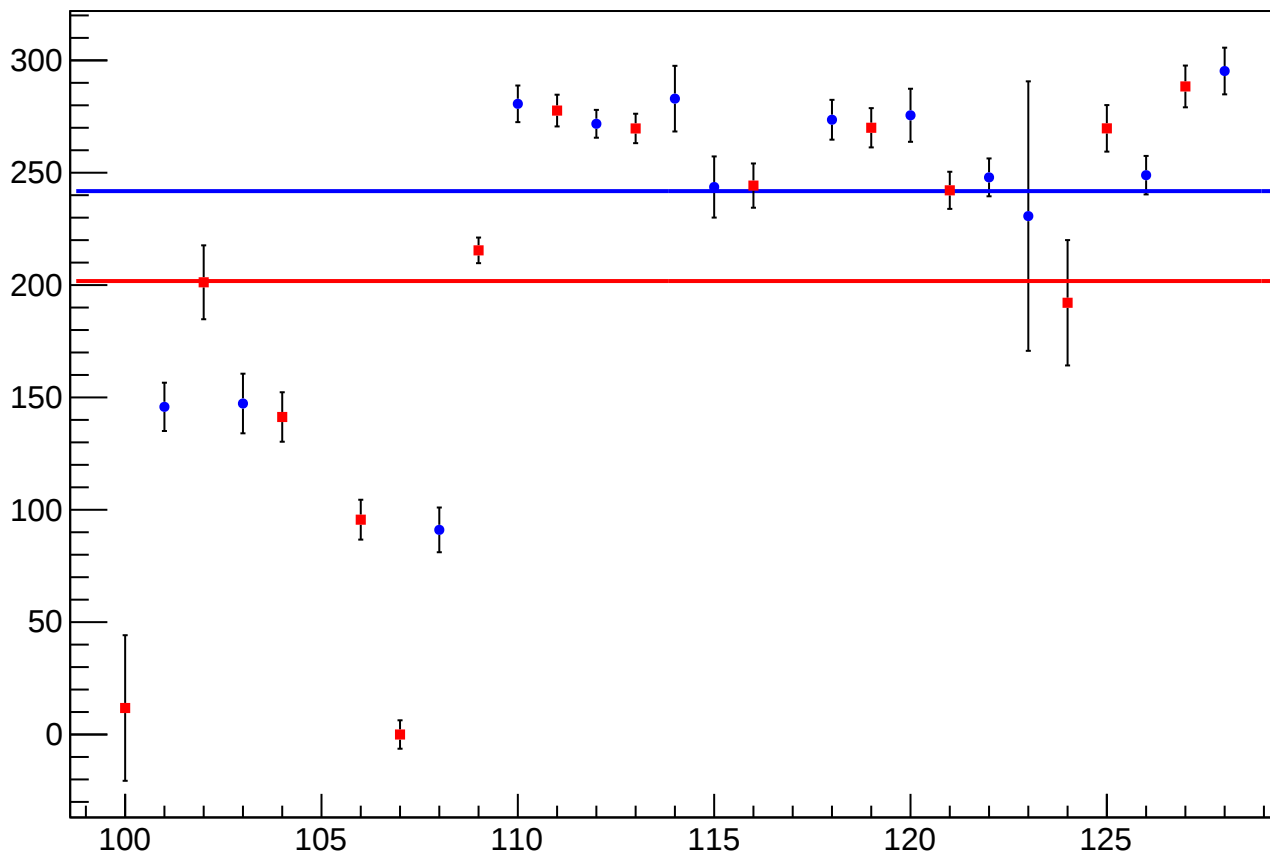
Right: -35.925+/-0.055 χ^2/NDF : 1454738.5/26

In: -33.496+/-0.077 χ^2/NDF : 811143.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.925+/-0.055 χ^2/NDF : 1454738.5/26

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 241.815 $\pm$ 2.744 χ^2 /NDF: 462.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 201.794 $\pm$ 2.325 χ^2 /NDF: 1686.9/13

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

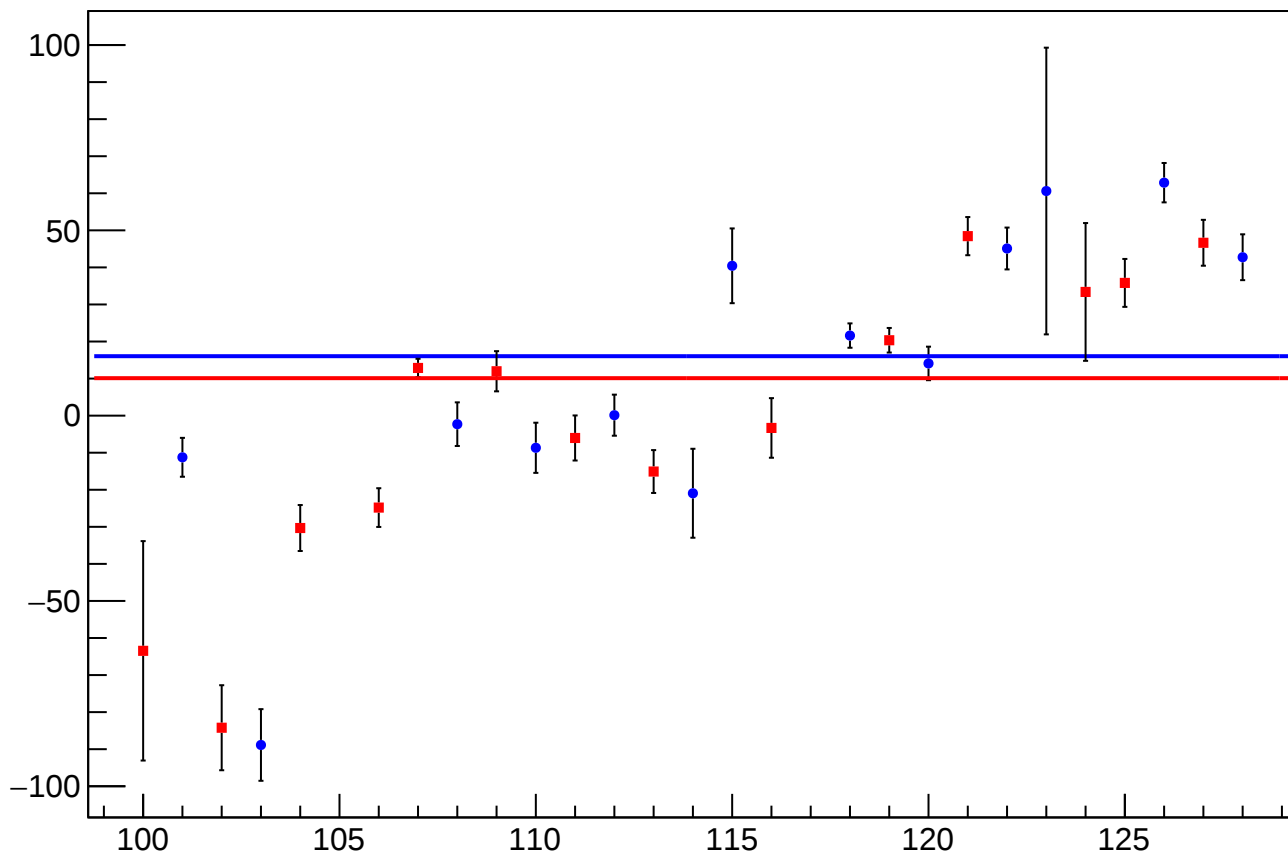
Right: 218.523 $\pm$ 1.774 χ^2 /NDF: 2273.5/26

In: 241.815 $\pm$ 2.744 χ^2 /NDF:462.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 218.523 $\pm$ 1.774 χ^2 /NDF: 2273.5/26

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.042 $\pm$ 1.618 χ^2 /NDF: 318.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.111 $\pm$ 1.382 χ^2 /NDF: 308.2/13

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

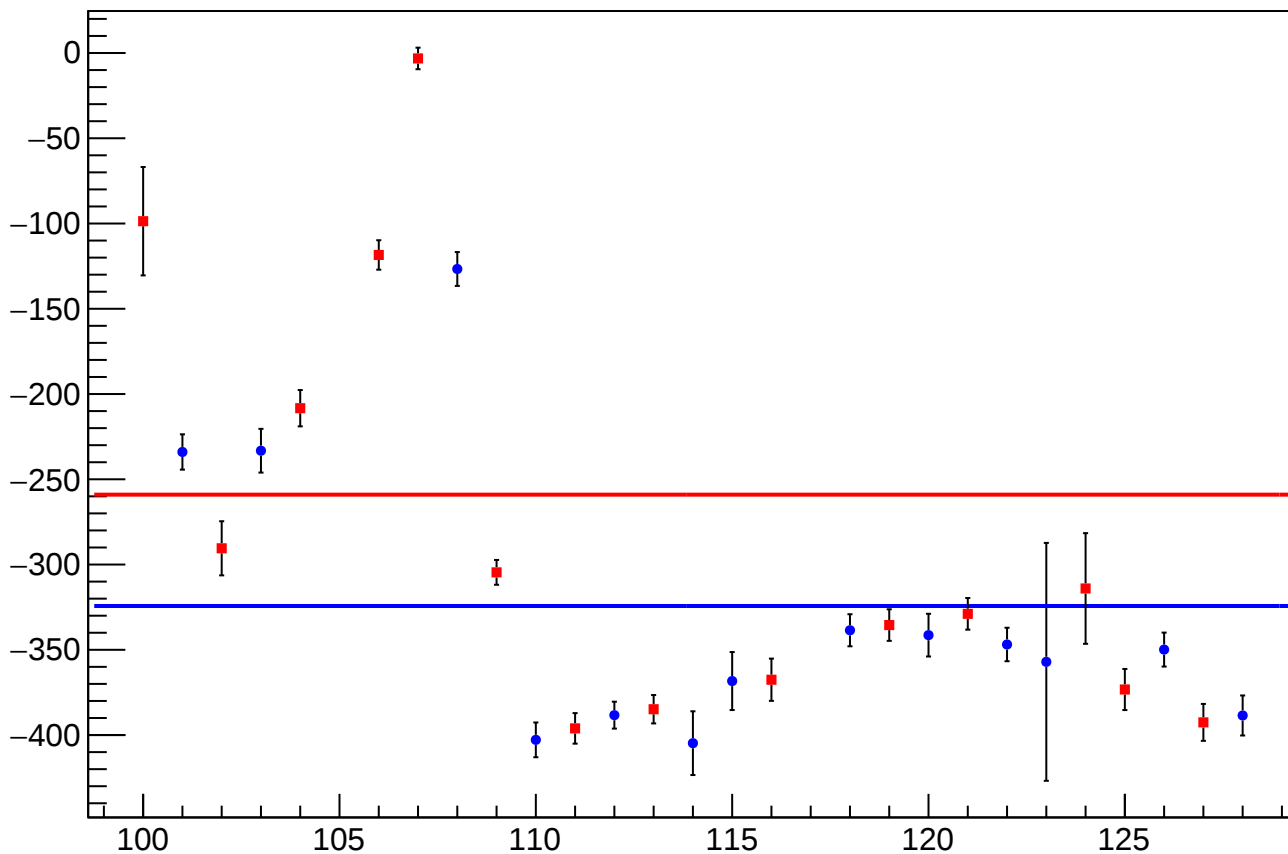
Right: 12.614 $\pm$ 1.051 χ^2 /NDF: 634.6/26

In: 16.042 $\pm$ 1.618 χ^2 /NDF: 318.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.614 $\pm$ 1.051 χ^2 /NDF: 634.6/26

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -324.306+/-3.113 χ^2/NDF : 719.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -259.009+/-2.634 χ^2/NDF : 2906.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

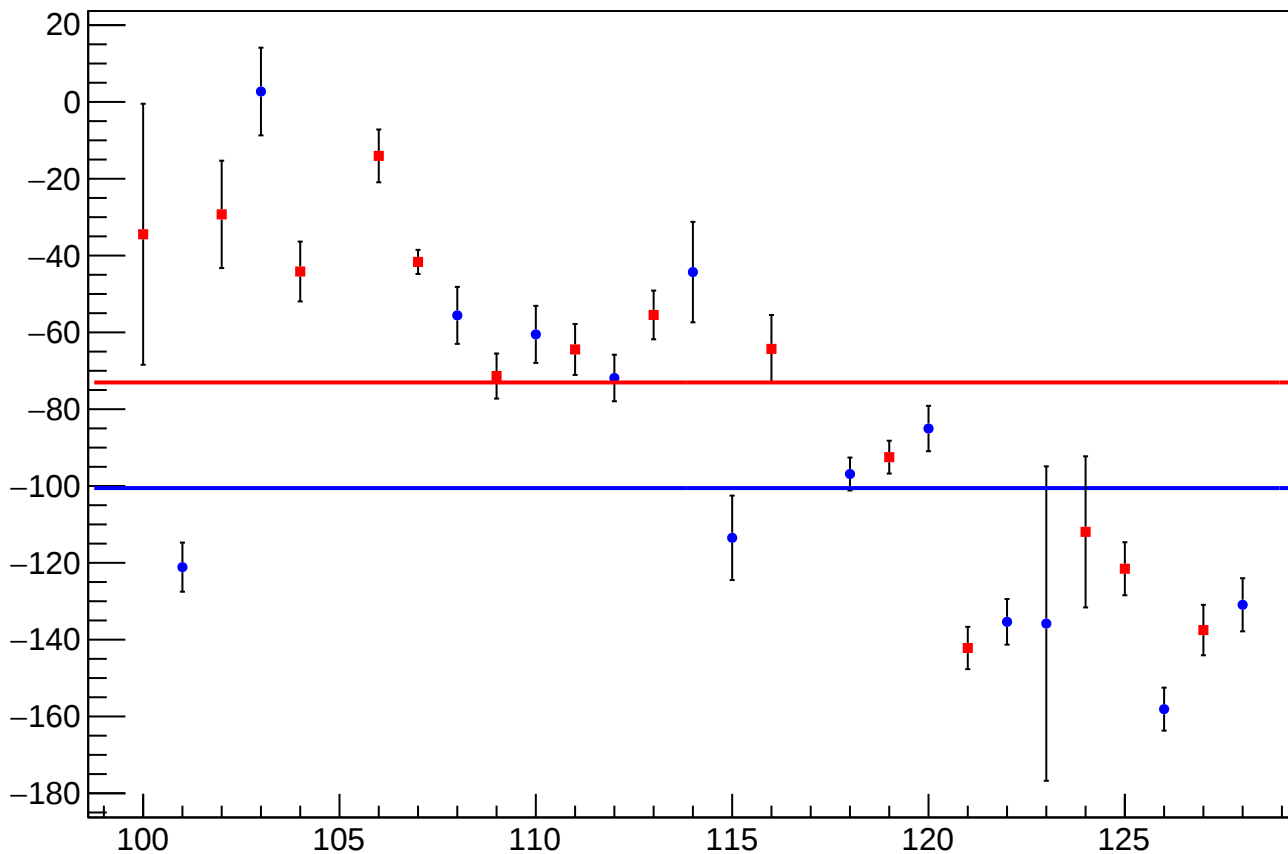
Right: -286.247+/-2.011 χ^2/NDF : 3882.1/26

In: -324.306+/-3.113 χ^2/NDF : 719.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -286.247+/-2.011 χ^2/NDF : 3882.1/26

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.538+/-1.908 χ^2/NDF : 367.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -73.036+/-1.646 χ^2/NDF : 537.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

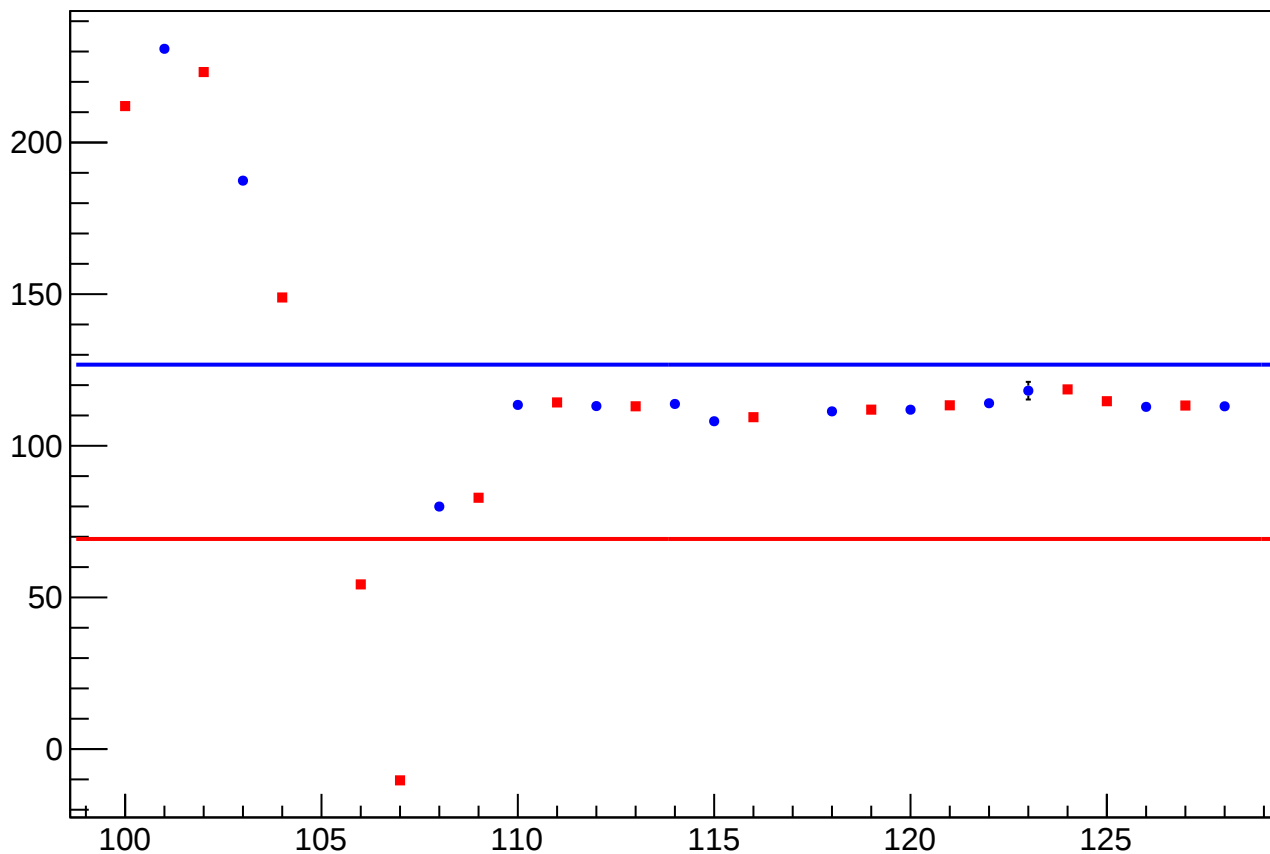
Right: -84.770+/-1.246 χ^2/NDF : 1024.2/26

In: -100.538+/-1.908 χ^2/NDF : 367.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -84.770+/-1.246 χ^2/NDF : 1024.2/26

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 126.755+/-0.113 χ^2/NDF : 173726.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.280+/-0.086 χ^2/NDF : 651673.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

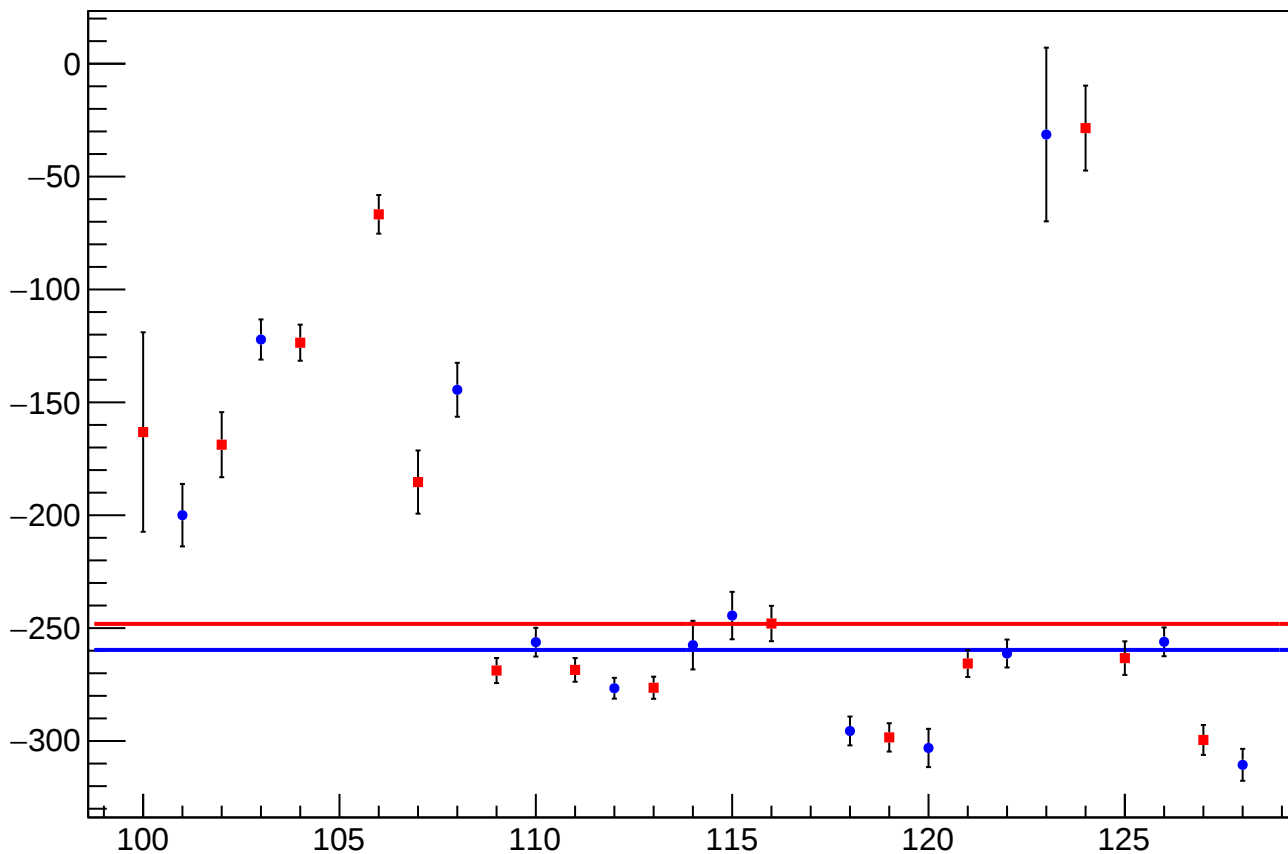
Right: 90.492+/-0.068 χ^2/NDF : 989983.0/26

In: 126.755+/-0.113 χ^2/NDF : 173726.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.492+/-0.068 χ^2/NDF : 989983.0/26

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -259.659+/-2.111 χ^2/NDF : 512.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -248.123+/-1.949 χ^2/NDF : 1081.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

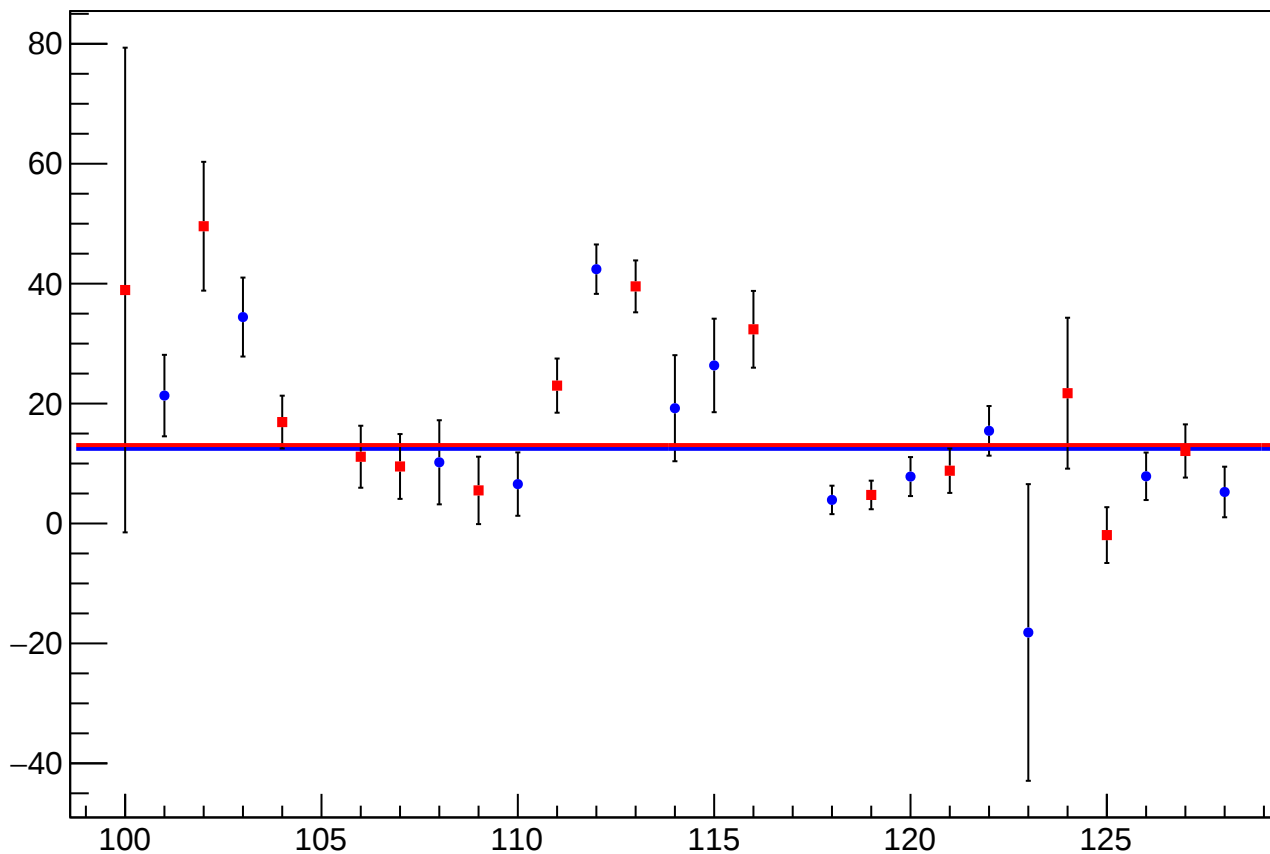
Right: -253.430+/-1.432 χ^2/NDF : 1610.1/26

In: -259.659+/-2.111 χ^2/NDF : 512.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -253.430+/-1.432 χ^2/NDF : 1610.1/26

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.452+/-1.249 χ^2/NDF : 92.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.079+/-1.247 χ^2/NDF : 90.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

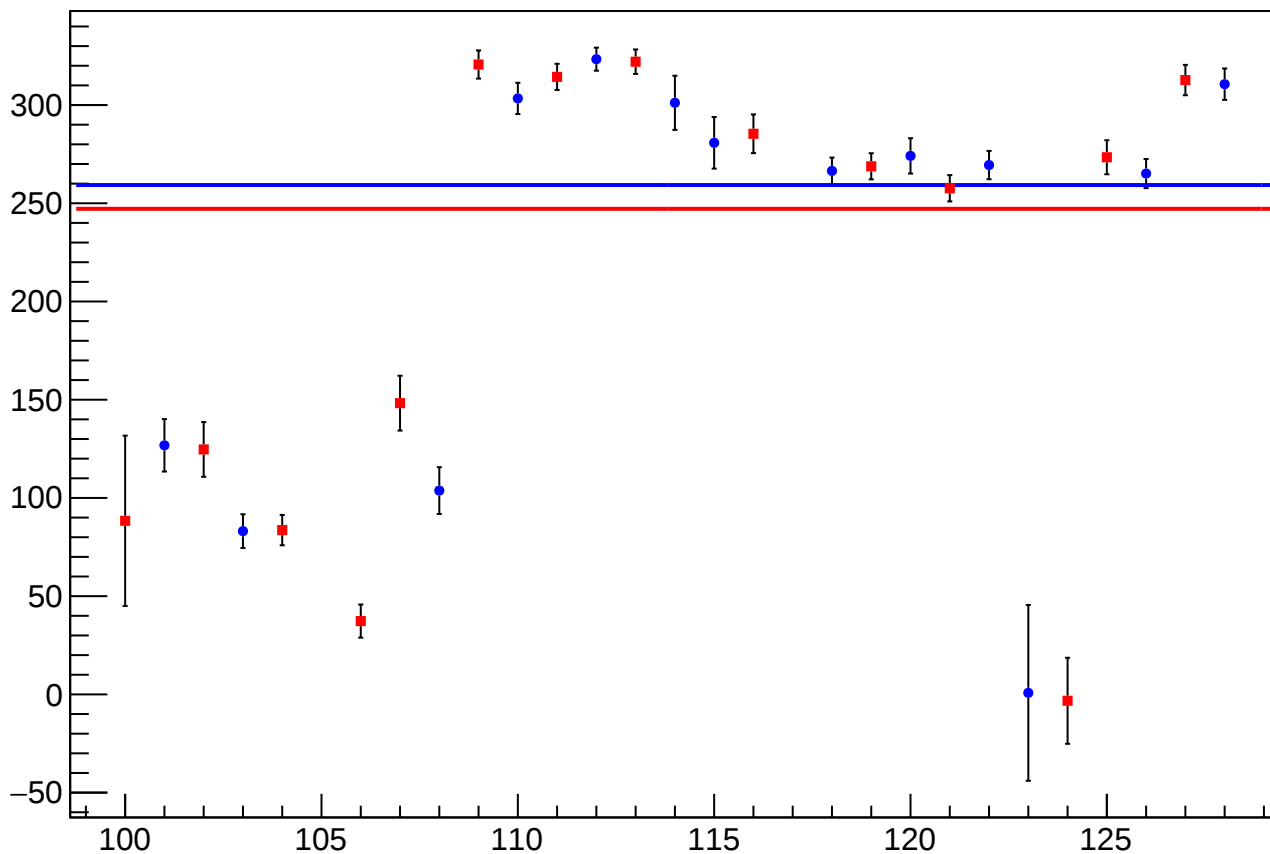
Right: 12.766+/-0.882 χ^2/NDF : 183.0/26

In: 12.452+/-1.249 χ^2/NDF : 92.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.766+/-0.882 χ^2/NDF : 183.0/26

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 259.273+/-2.426 χ^2/NDF : 932.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 247.187+/-2.254 χ^2/NDF : 1800.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

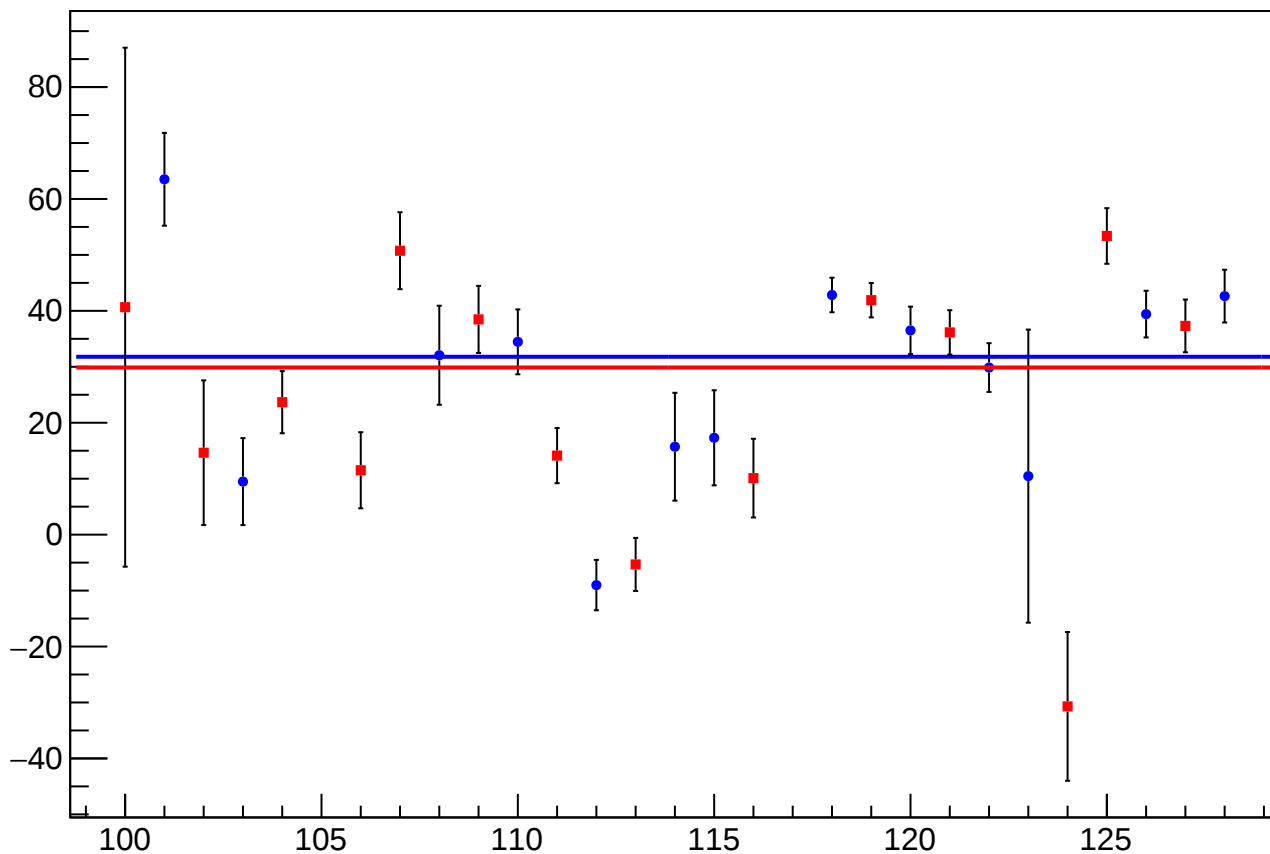
Right: 252.786+/-1.651 χ^2/NDF : 2745.5/26

In: 259.273+/-2.426 χ^2/NDF : 932.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 252.786+/-1.651 χ^2/NDF : 2745.5/26

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 31.795+/-1.467 χ^2/NDF : 134.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.880+/-1.449 χ^2/NDF : 157.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

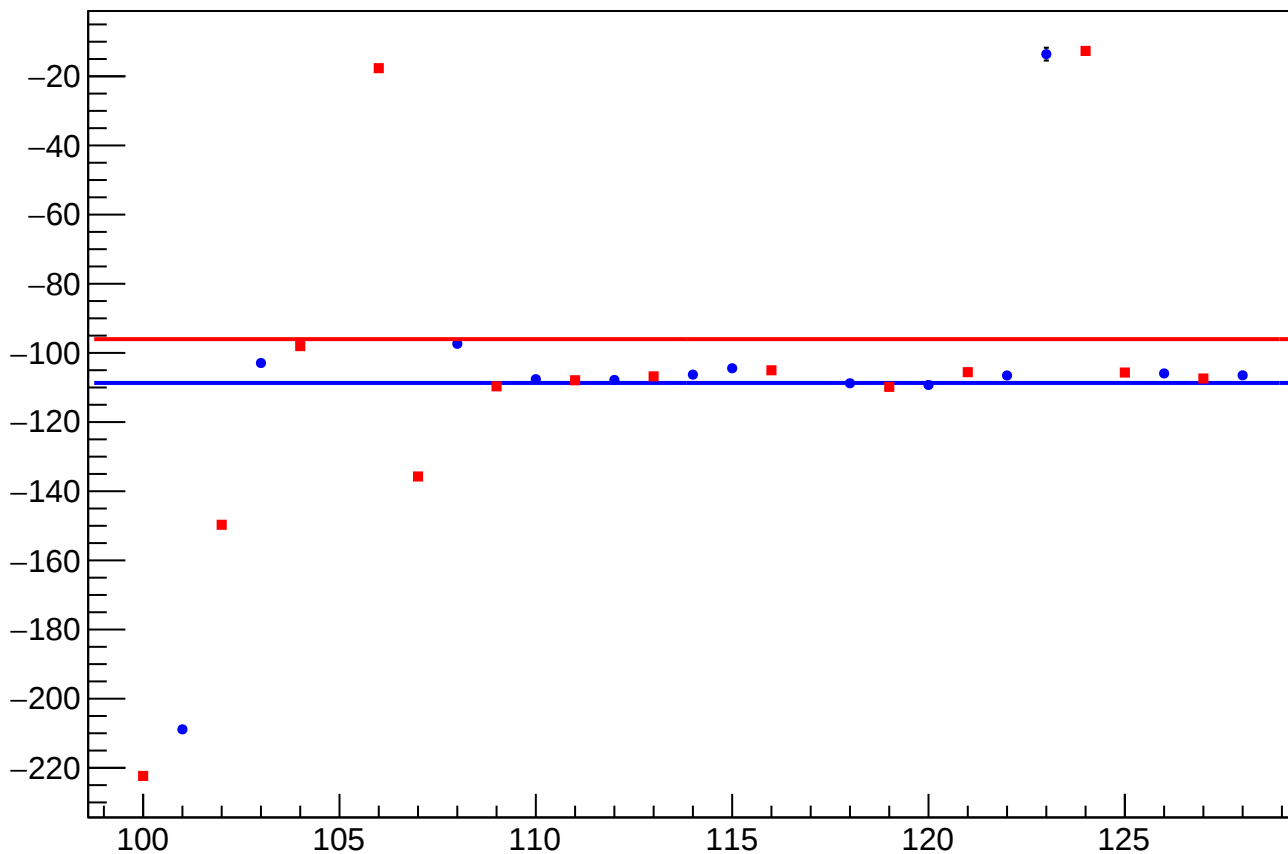
Right: 30.826+/-1.031 χ^2/NDF : 293.2/26

In: 31.795+/-1.467 χ^2/NDF : 134.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.826+/-1.031 χ^2/NDF : 293.2/26

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -108.681+/-0.092 χ^2/NDF : 49054.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -96.013+/-0.083 χ^2/NDF : 211203.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

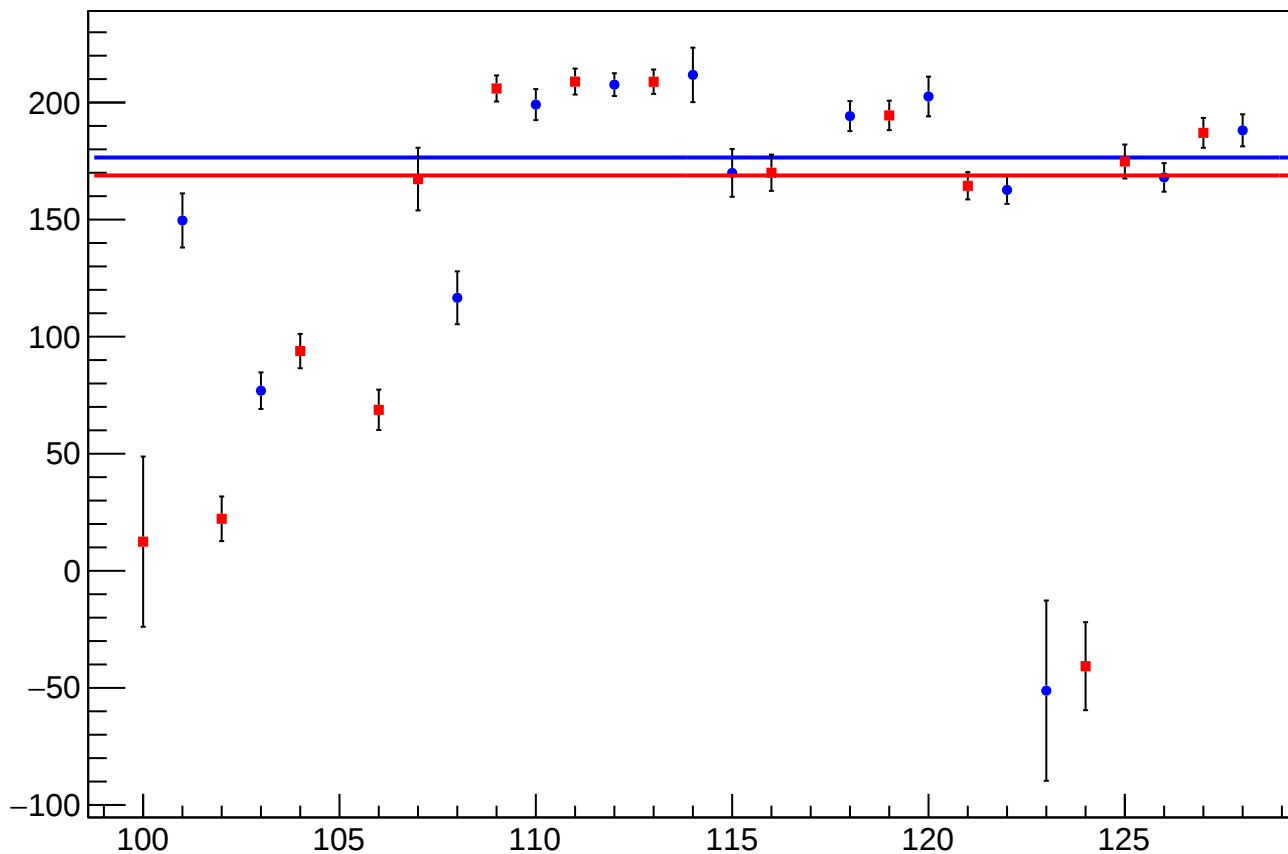
Right: -101.687+/-0.061 χ^2/NDF : 270804.8/26

In: -108.681+/-0.092 χ^2/NDF : 49054.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.687+/-0.061 χ^2/NDF : 270804.8/26

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 176.517+/-2.089 χ^2/NDF : 320.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.853+/-1.928 χ^2/NDF : 800.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

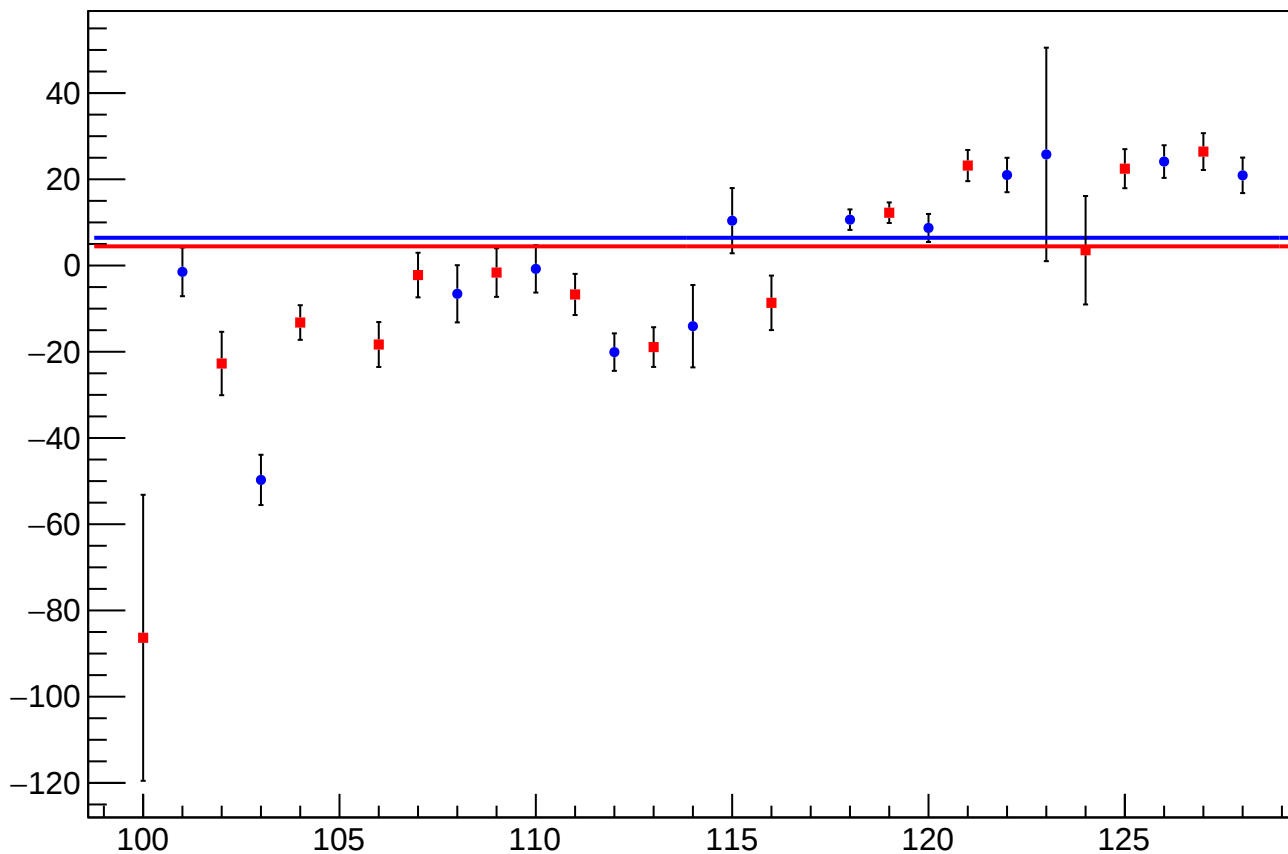
Right: 172.379+/-1.417 χ^2/NDF : 1128.0/26

In: 176.517+/-2.089 χ^2/NDF : 320.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.379+/-1.417 χ^2/NDF : 1128.0/26

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.438+/-1.228 χ^2/NDF : 194.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4.448+/-1.226 χ^2/NDF : 177.7/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

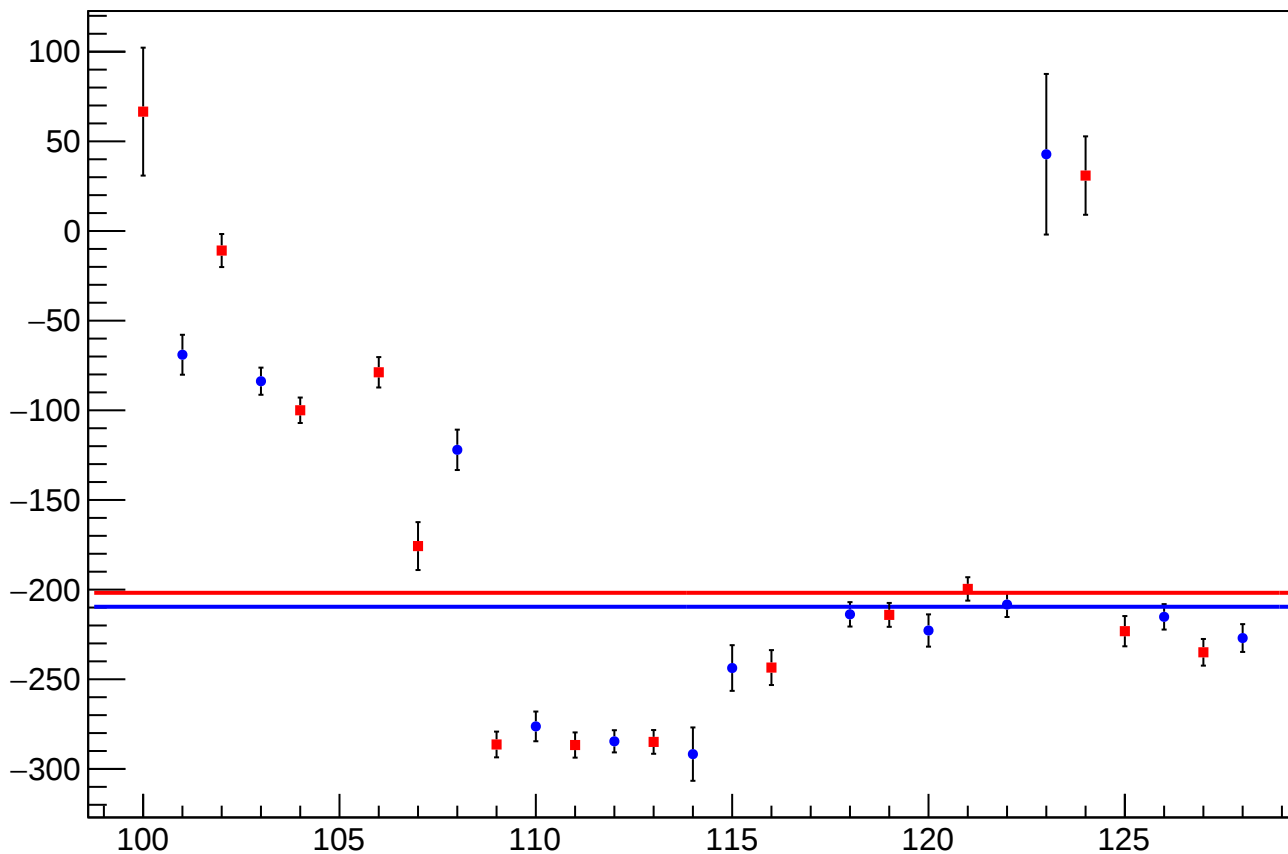
Right: 5.441+/-0.868 χ^2/NDF : 373.1/26

In: 6.438+/-1.228 χ^2/NDF :194.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 5.441+/-0.868 χ^2/NDF : 373.1/26

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -209.557+/-2.380 χ^2/NDF : 785.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -201.775+/-2.208 χ^2/NDF : 1508.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

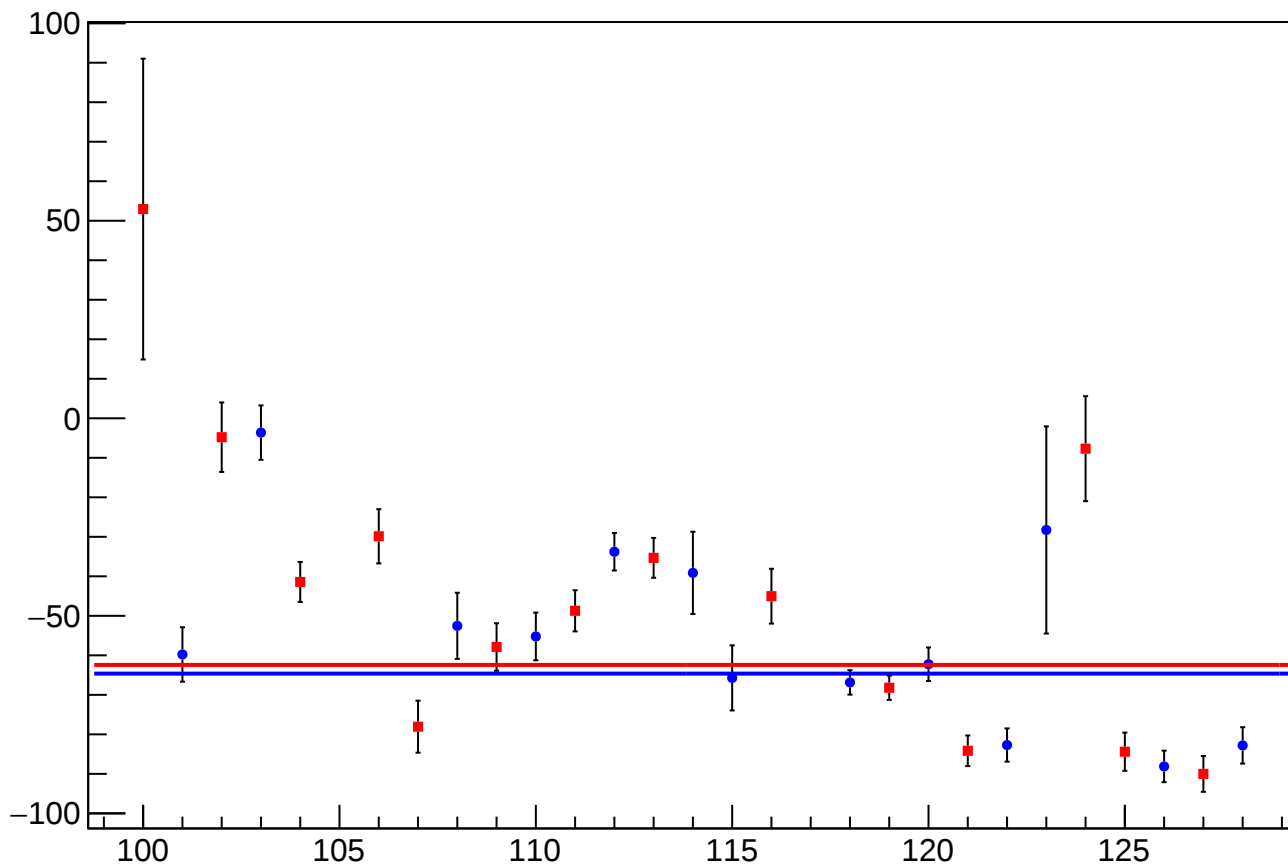
Right: -205.374+/-1.619 χ^2/NDF : 2300.1/26

In: -209.557+/-2.380 χ^2/NDF :785.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -205.374+/-1.619 χ^2/NDF : 2300.1/26

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -64.626 $\pm$ 1.443 χ^2 /NDF: 203.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -62.424 $\pm$ 1.427 χ^2 /NDF: 249.8/13

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

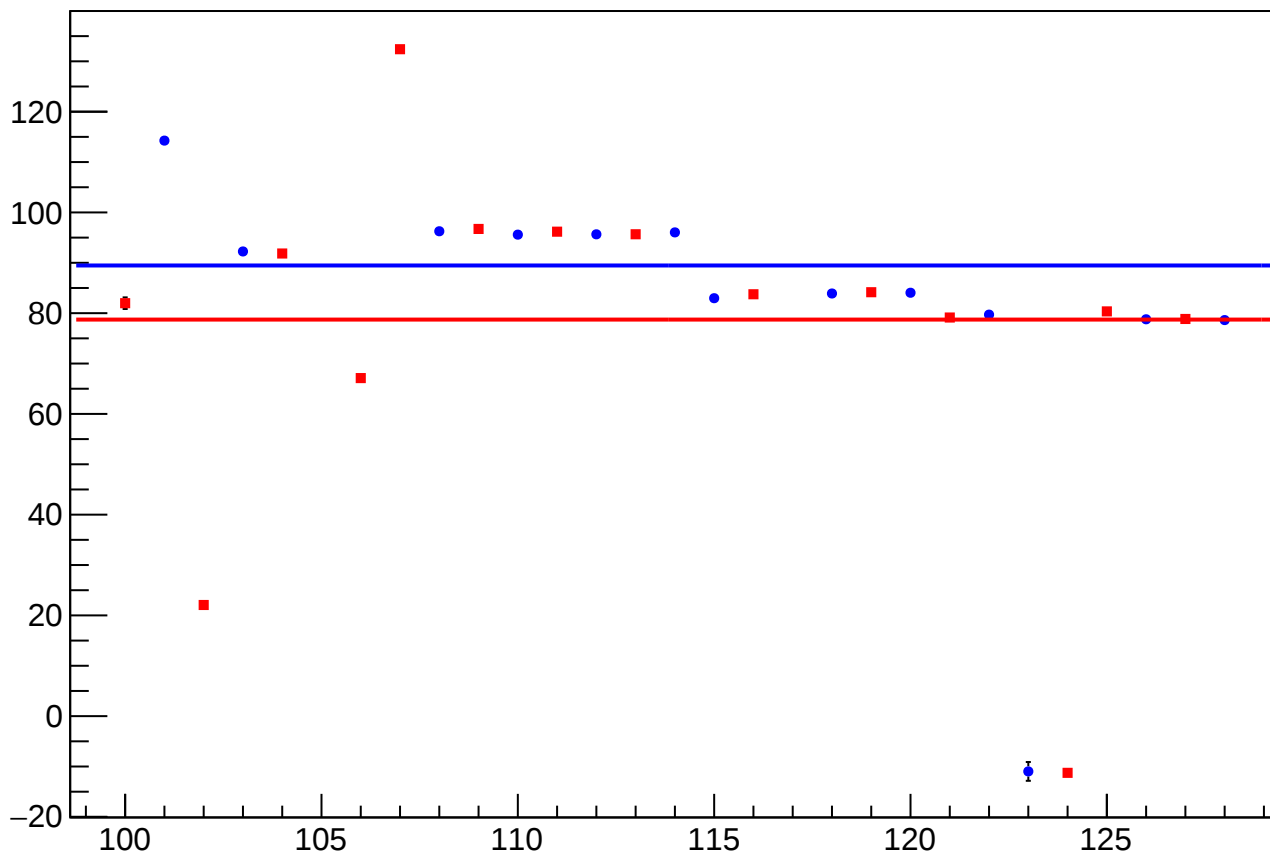
Right: -63.513 $\pm$ 1.015 χ^2 /NDF: 454.2/26

In: -64.626 $\pm$ 1.443 χ^2 /NDF:203.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -63.513 $\pm$ 1.015 χ^2 /NDF: 454.2/26

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 89.468+/-0.088 χ^2/NDF : 12584.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.728+/-0.078 χ^2/NDF : 128965.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

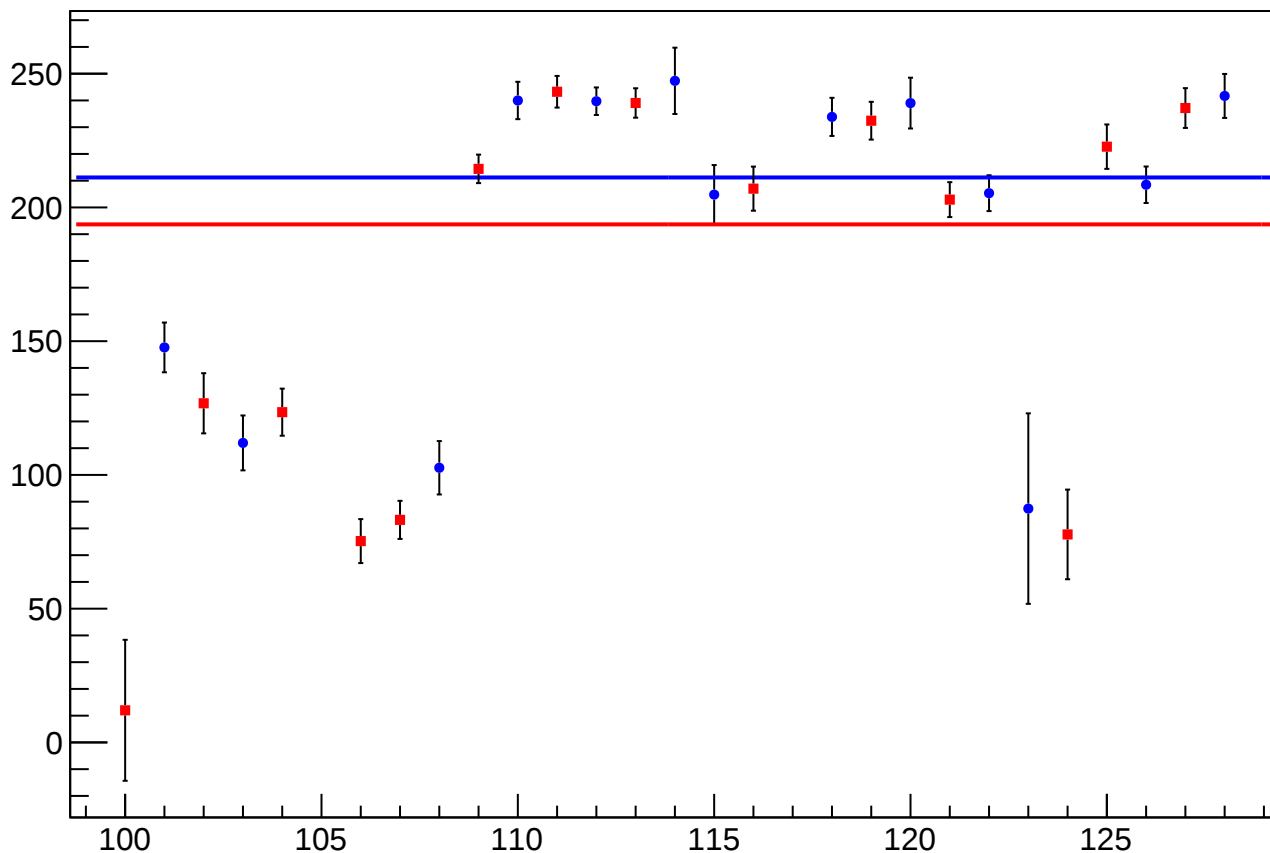
Right: 83.481+/-0.058 χ^2/NDF : 149938.0/26

In: 89.468+/-0.088 χ^2/NDF : 12584.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.481+/-0.058 χ^2/NDF : 149938.0/26

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 211.206 $\pm$ 2.269 χ^2 /NDF: 360.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 193.667 $\pm$ 2.008 χ^2 /NDF: 877.5/13

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

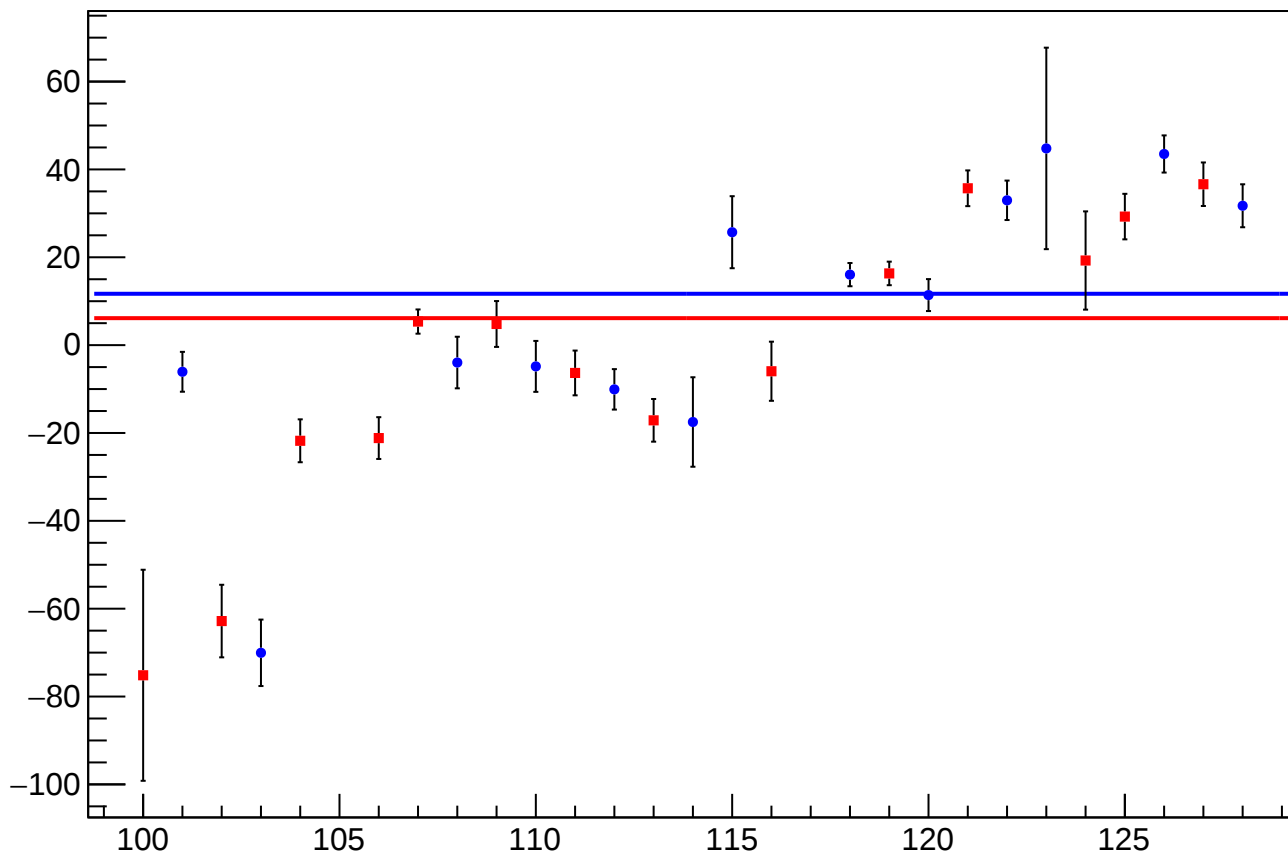
Right: 201.370 $\pm$ 1.504 χ^2 /NDF: 1271.3/26

In: 211.206 $\pm$ 2.269 χ^2 /NDF:360.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 201.370 $\pm$ 1.504 χ^2 /NDF: 1271.3/26

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.692+/-1.331 χ^2/NDF : 281.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.141+/-1.232 χ^2/NDF : 305.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

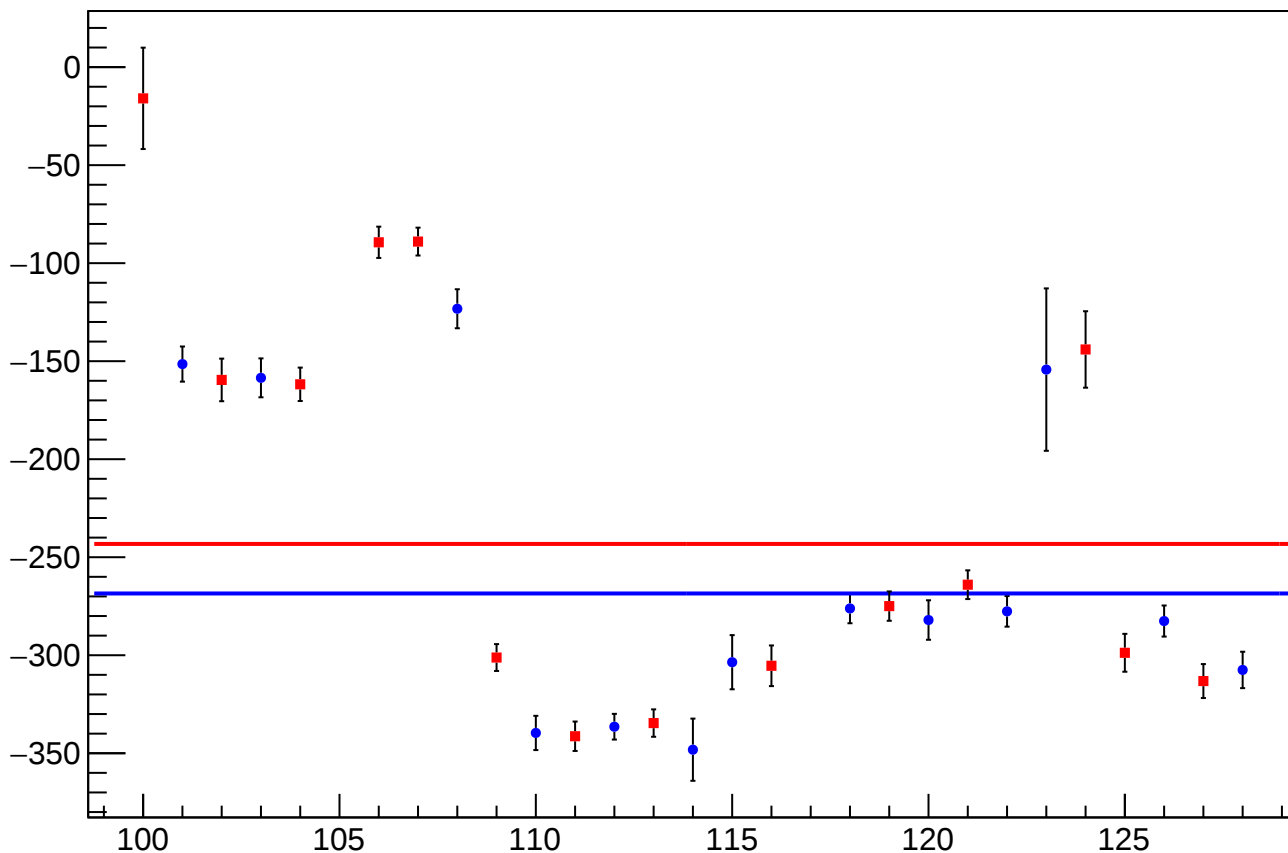
Right: 8.701+/-0.904 χ^2/NDF : 596.3/26

In: 11.692+/-1.331 χ^2/NDF : 281.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.701+/-0.904 χ^2/NDF : 596.3/26

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -268.495+/-2.581 χ^2/NDF : 744.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -243.221+/-2.287 χ^2/NDF : 1670.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

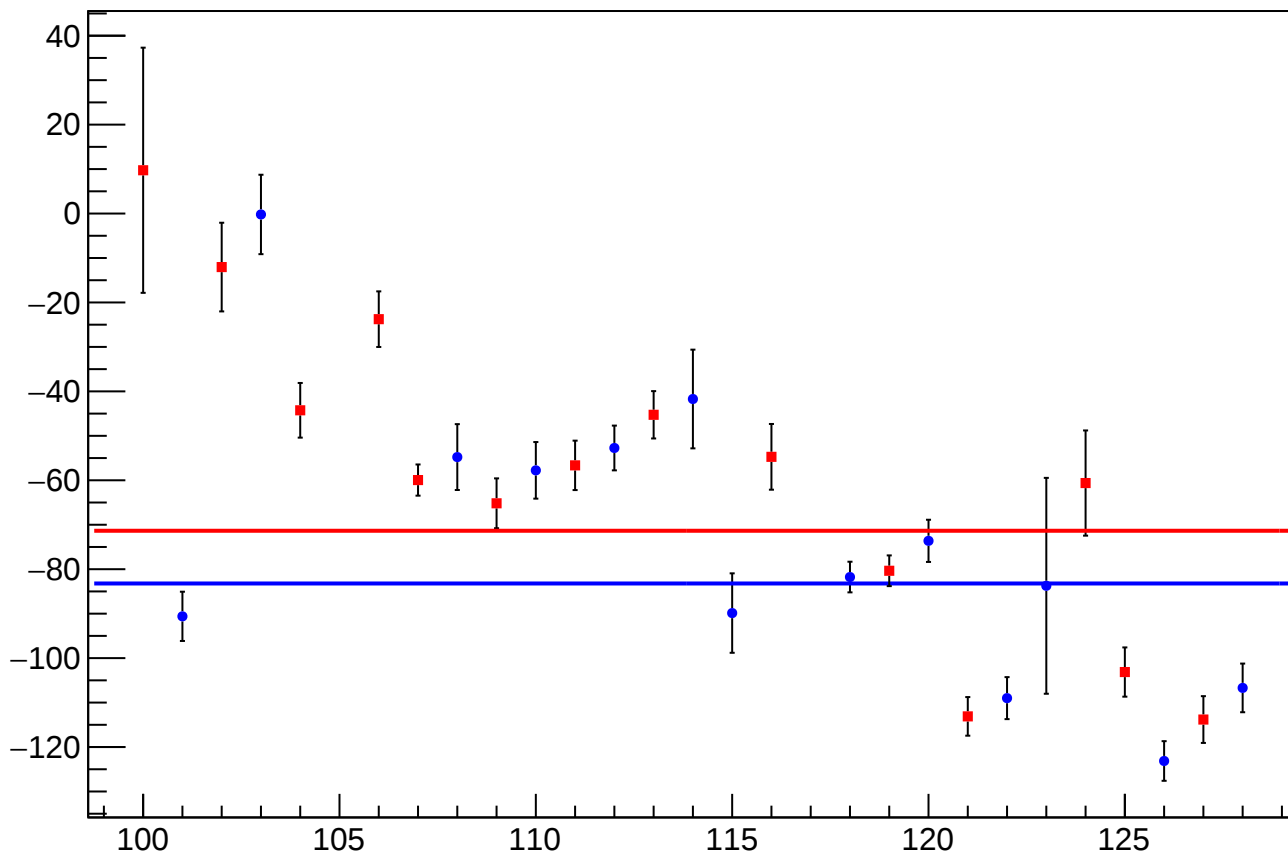
Right: -254.335+/-1.711 χ^2/NDF : 2469.2/26

In: -268.495+/-2.581 χ^2/NDF : 744.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -254.335+/-1.711 χ^2/NDF : 2469.2/26

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -83.212 ± 1.568 χ^2/NDF : 302.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -71.353 ± 1.451 χ^2/NDF : 367.3/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

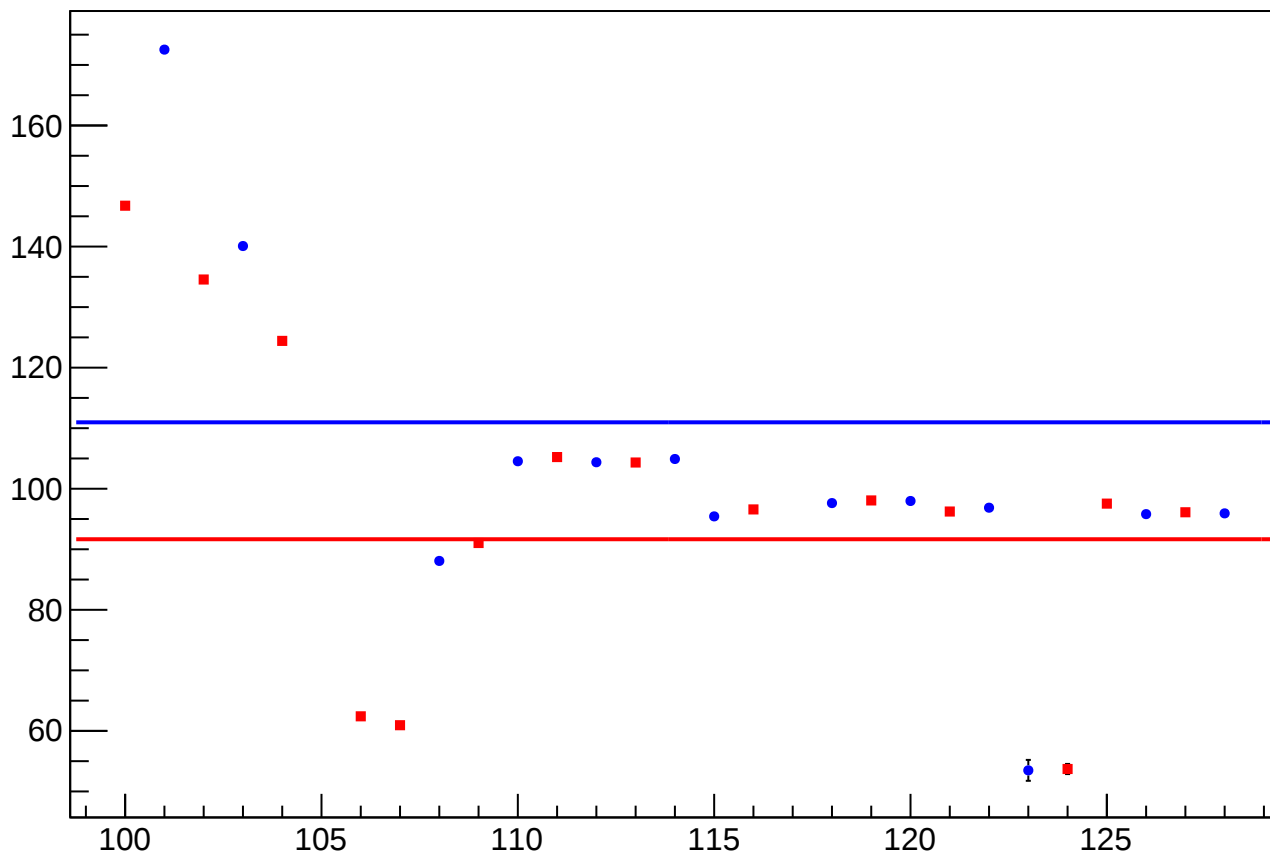
Right: -76.825 ± 1.065 χ^2/NDF : 700.9/26

In: -83.212 ± 1.568 χ^2/NDF : 302.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -76.825 ± 1.065 χ^2/NDF : 700.9/26

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 110.970+/-0.095 χ^2/NDF : 74317.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.657+/-0.078 χ^2/NDF : 116105.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

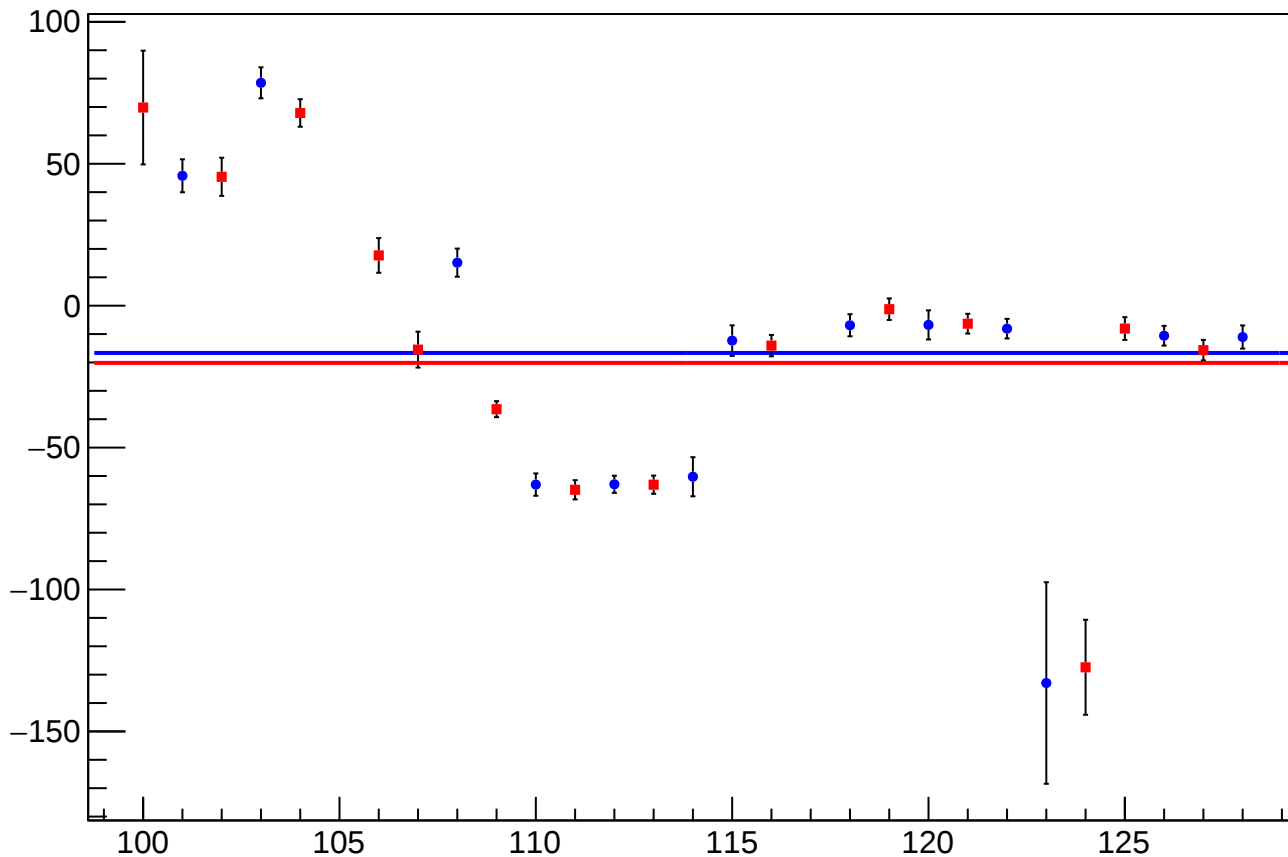
Right: 99.382+/-0.060 χ^2/NDF : 215042.5/26

In: 110.970+/-0.095 χ^2/NDF : 74317.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.382+/-0.060 χ^2/NDF : 215042.5/26

reg_asym_atl_dd_atr_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -16.649+/-1.226 χ^2/NDF : 907.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -20.151+/-1.122 χ^2/NDF : 966.1/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

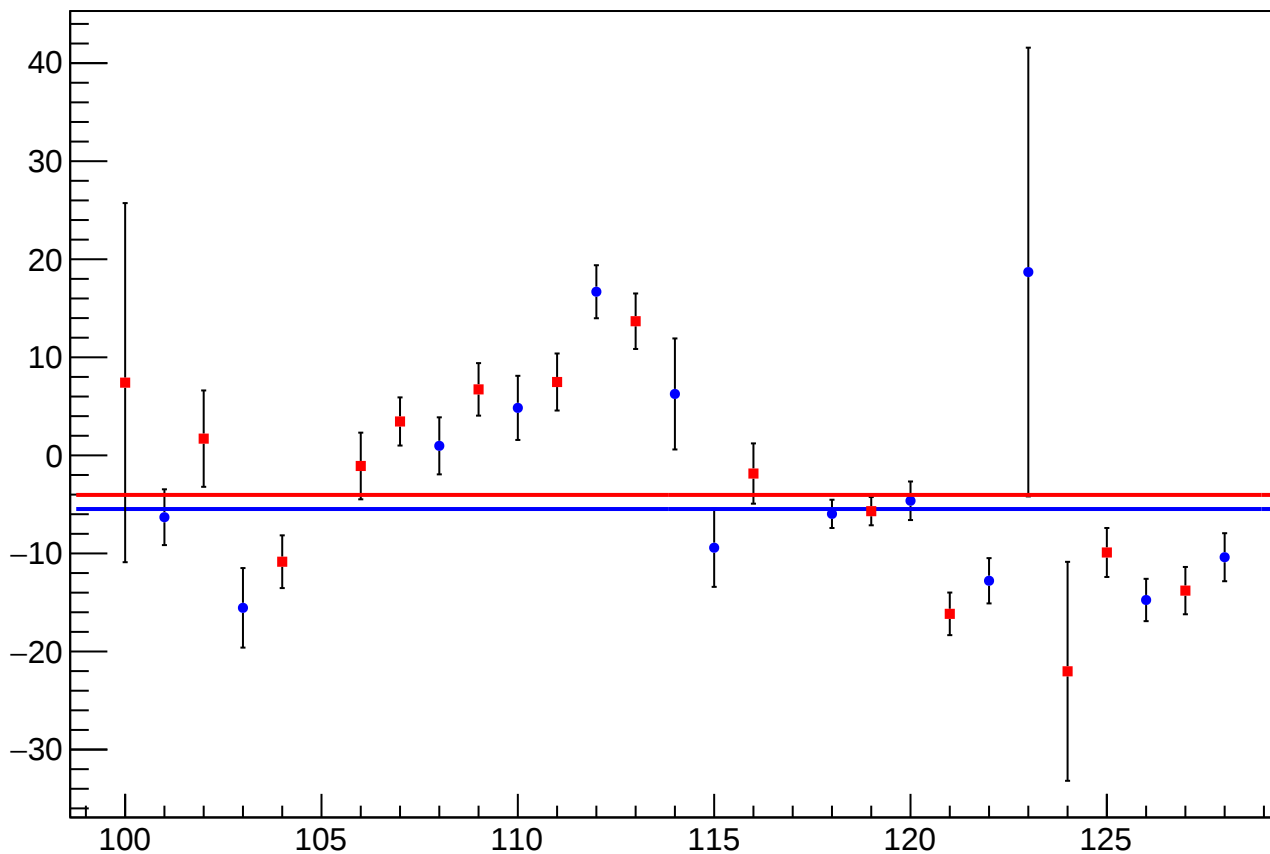
Right: -18.554+/-0.828 χ^2/NDF : 1877.6/26

In: -16.649+/-1.226 χ^2/NDF :907.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -18.554+/-0.828 χ^2/NDF : 1877.6/26

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.471+/-0.718 χ^2 /NDF: 127.5/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -4.033+/-0.715 χ^2 /NDF: 146.7/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

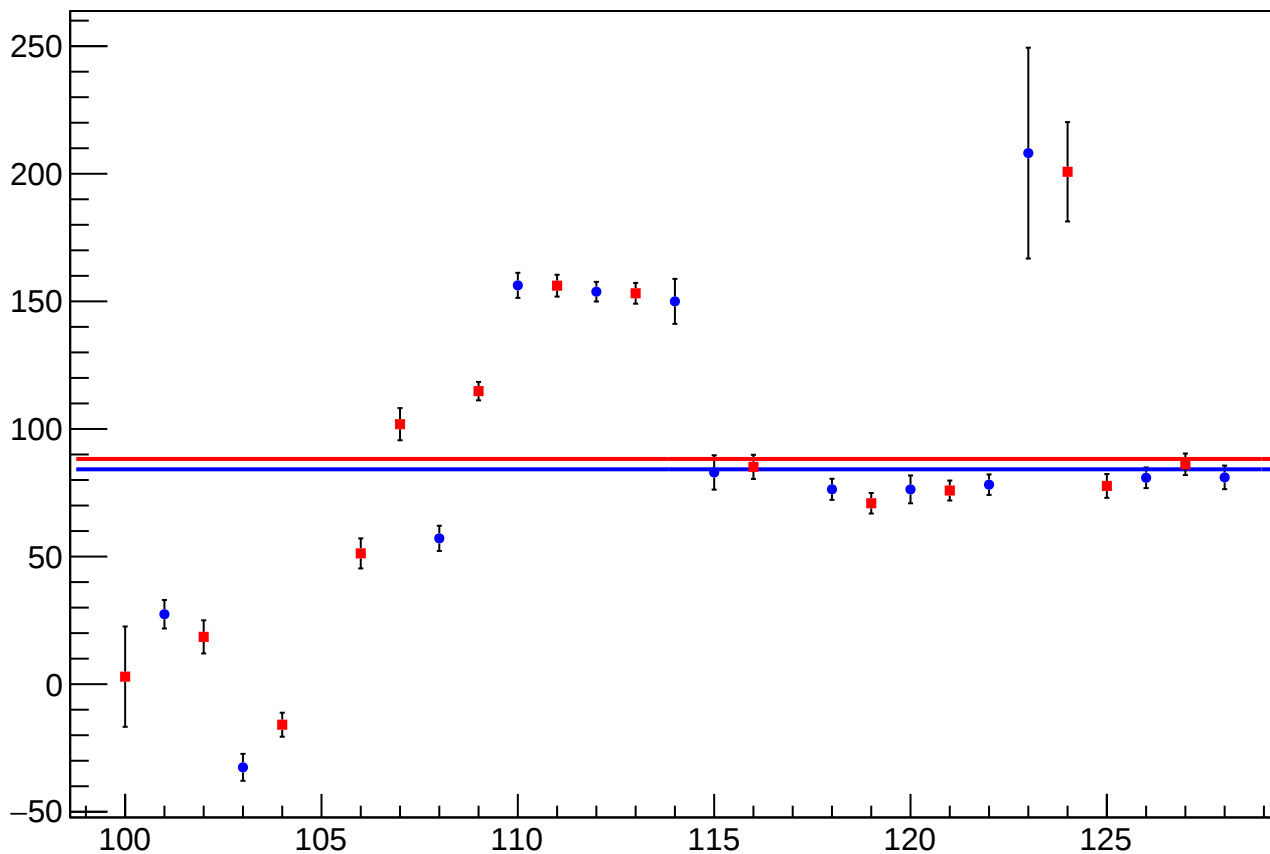
Right: -4.748+/-0.507 χ^2 /NDF: 276.3/26

In: -5.471+/-0.718 χ^2 /NDF:127.5/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -4.748+/-0.507 χ^2 /NDF: 276.3/26

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 84.193+/-1.393 χ^2 /NDF: 1238.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 88.252+/-1.298 χ^2 /NDF: 1296.9/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

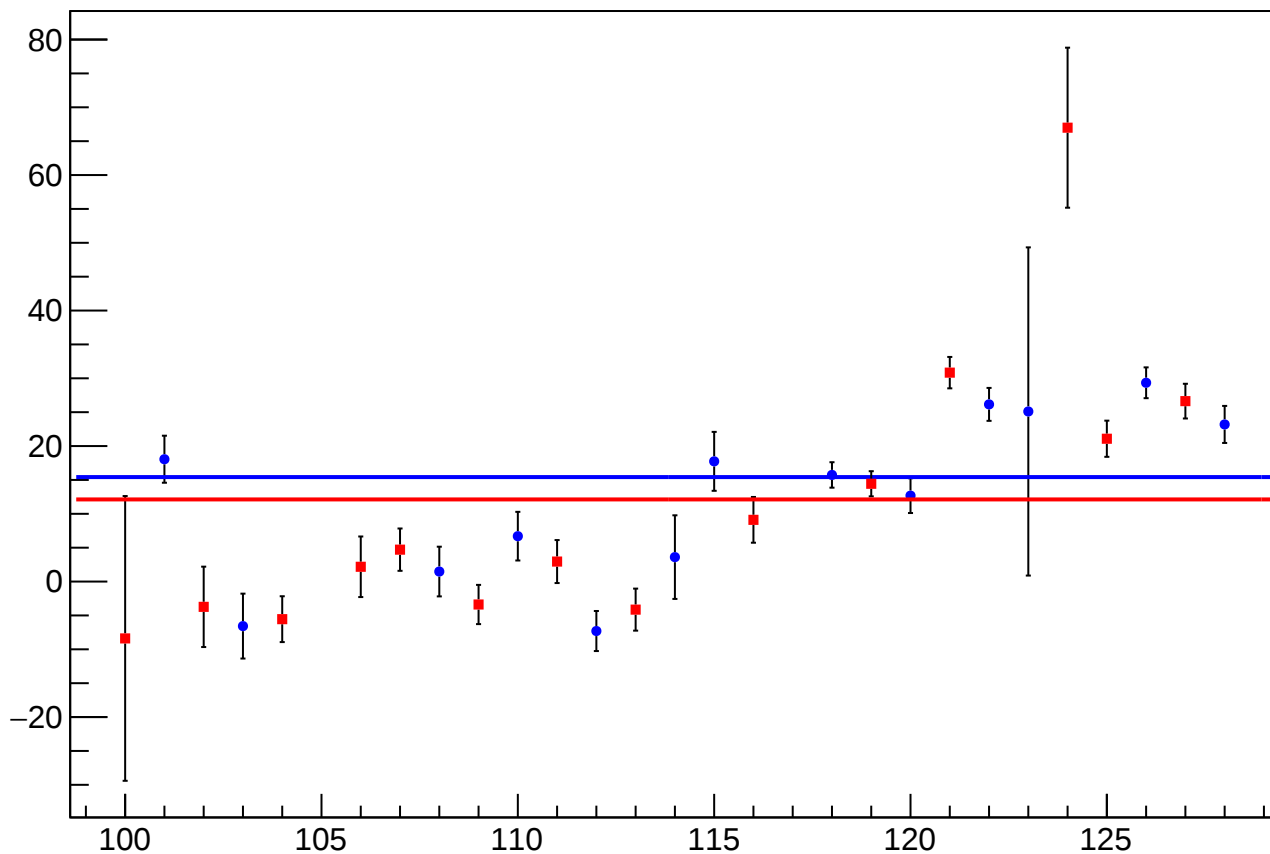
Right: 86.366+/-0.949 χ^2 /NDF: 2539.7/26

In: 84.193+/-1.393 χ^2 /NDF:1238.2/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 86.366+/-0.949 χ^2 /NDF: 2539.7/26

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.421+/-0.844 χ^2 /NDF: 171.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 12.123+/-0.828 χ^2 /NDF: 243.0/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

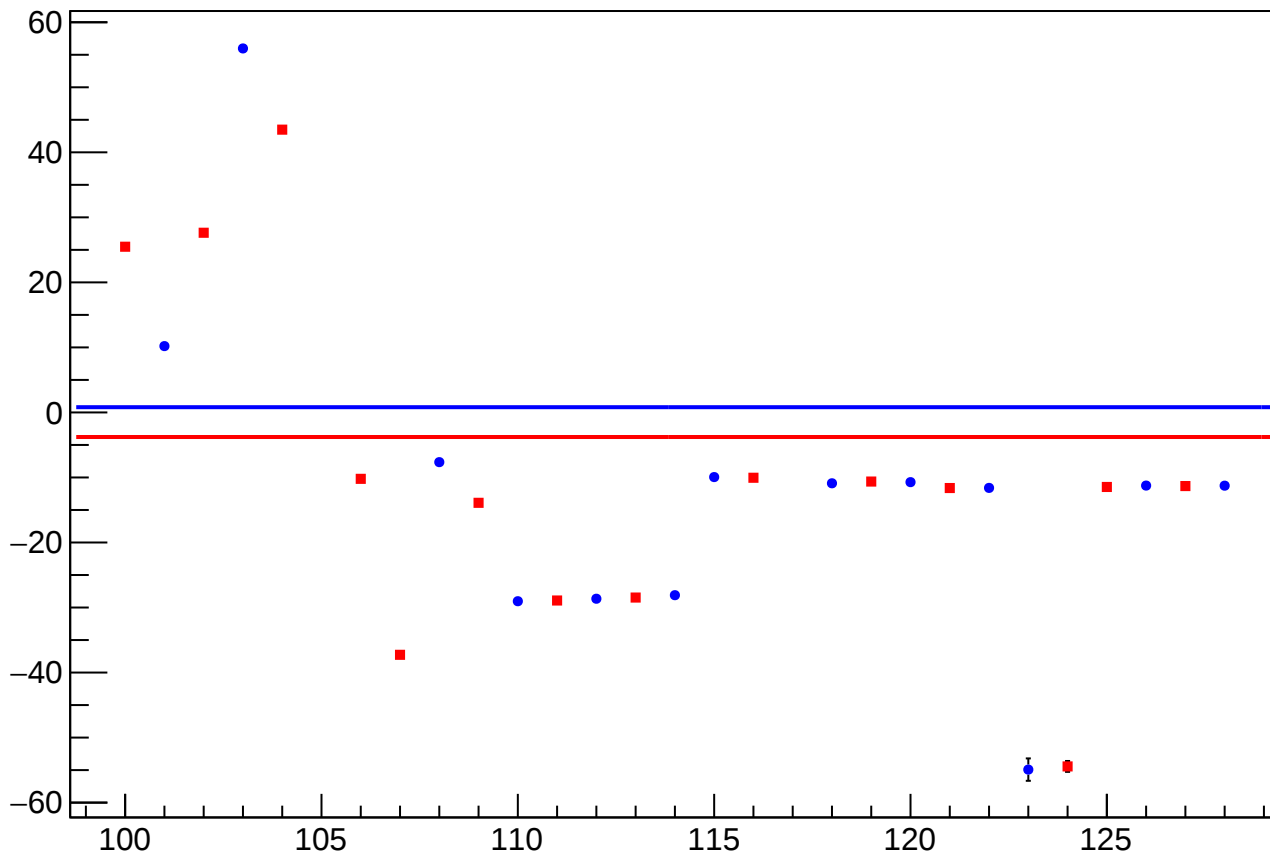
Right: 13.742+/-0.591 χ^2 /NDF: 422.2/26

In: 15.421+/-0.844 χ^2 /NDF:171.4/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 13.742+/-0.591 χ^2 /NDF: 422.2/26

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.806+/-0.051 χ^2/NDF : 295794.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.778+/-0.048 χ^2/NDF : 305452.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

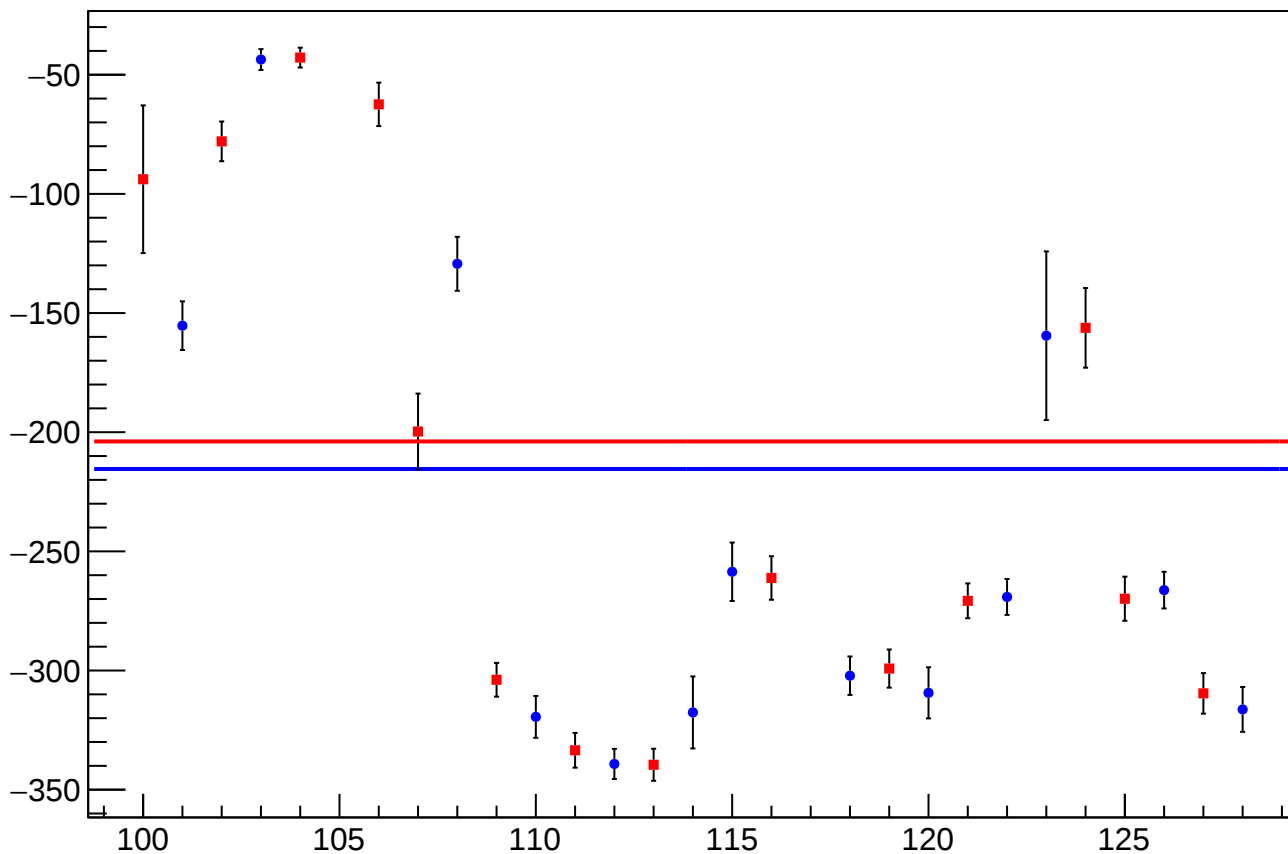
Right: -1.638+/-0.035 χ^2/NDF : 605584.0/26

In: 0.806+/-0.051 χ^2/NDF :295794.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.638+/-0.035 χ^2/NDF : 605584.0/26

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -215.442+/-2.297 χ^2/NDF : 2624.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -203.865+/-2.107 χ^2/NDF : 3377.8/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

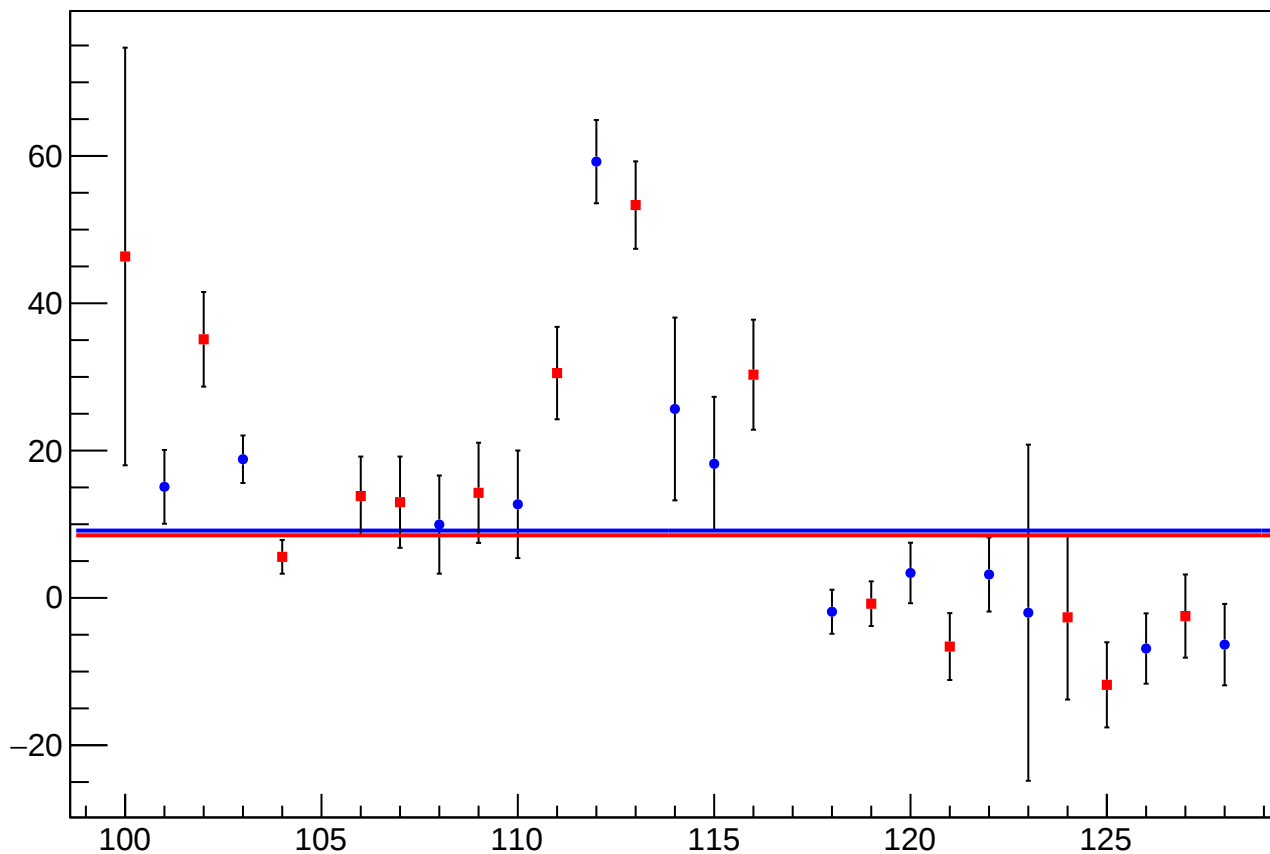
Right: -209.154+/-1.553 χ^2/NDF : 6015.9/26

In: -215.442+/-2.297 χ^2/NDF :2624.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -209.154+/-1.553 χ^2/NDF : 6015.9/26

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.142+/-1.392 χ^2/NDF : 128.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 8.501+/-1.294 χ^2/NDF : 138.2/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

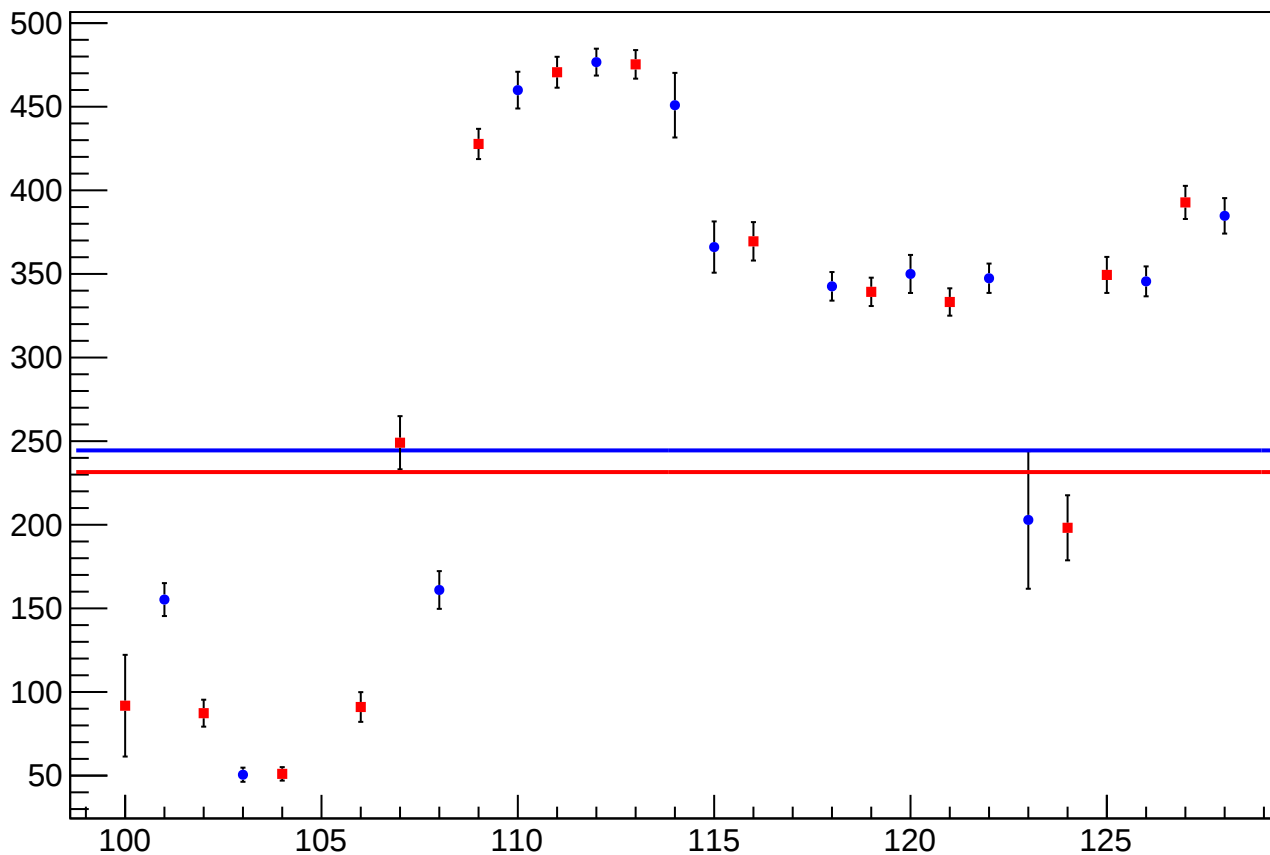
Right: 8.798+/-0.948 χ^2/NDF : 266.6/26

In: 9.142+/-1.392 χ^2/NDF :128.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 8.798+/-0.948 χ^2/NDF : 266.6/26

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 244.469+/-2.491 χ^2/NDF : 4295.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 231.513+/-2.294 χ^2/NDF : 5396.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

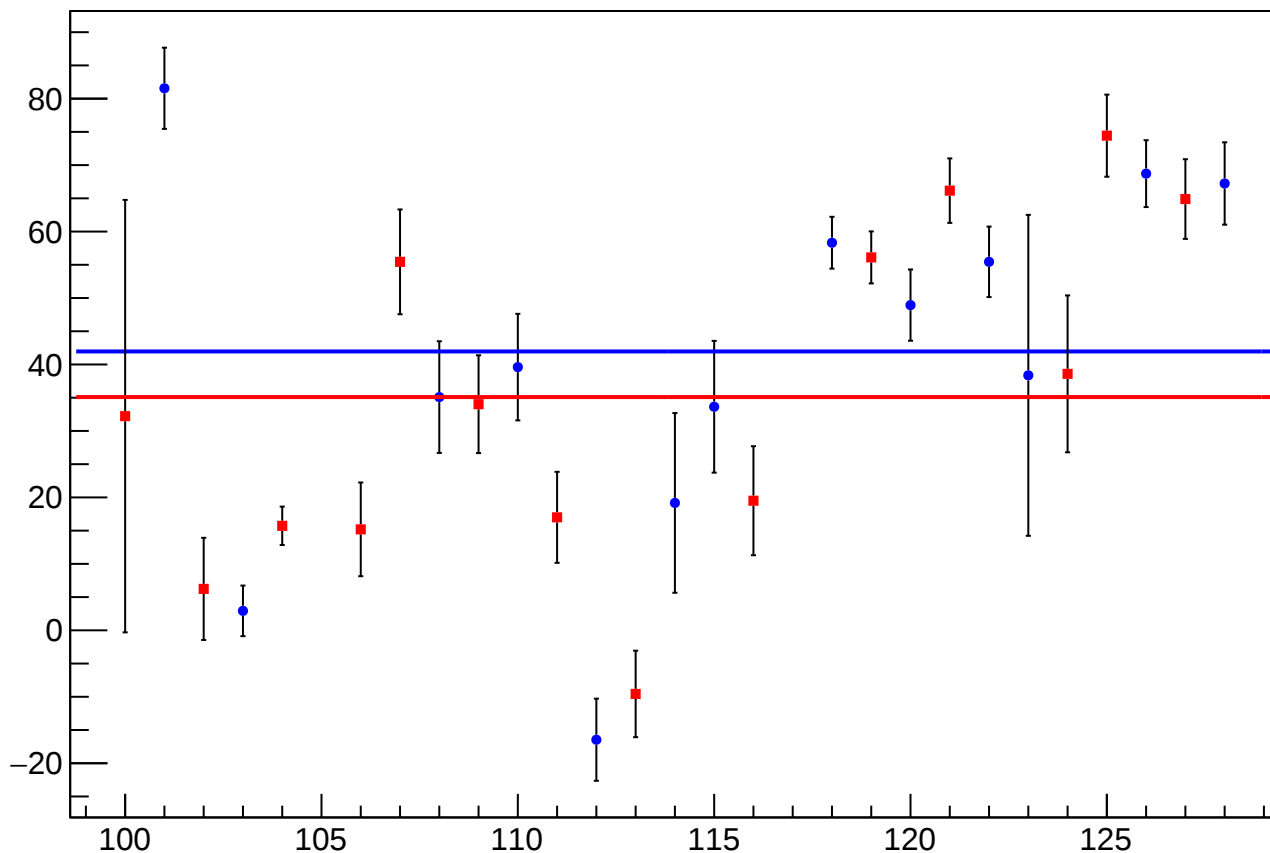
Right: 237.458+/-1.687 χ^2/NDF : 9707.0/26

In: 244.469+/-2.491 χ^2/NDF : 4295.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 237.458+/-1.687 χ^2/NDF : 9707.0/26

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.961 $\pm$ 1.642 χ^2 /NDF: 311.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 35.098 $\pm$ 1.541 χ^2 /NDF: 266.7/13

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

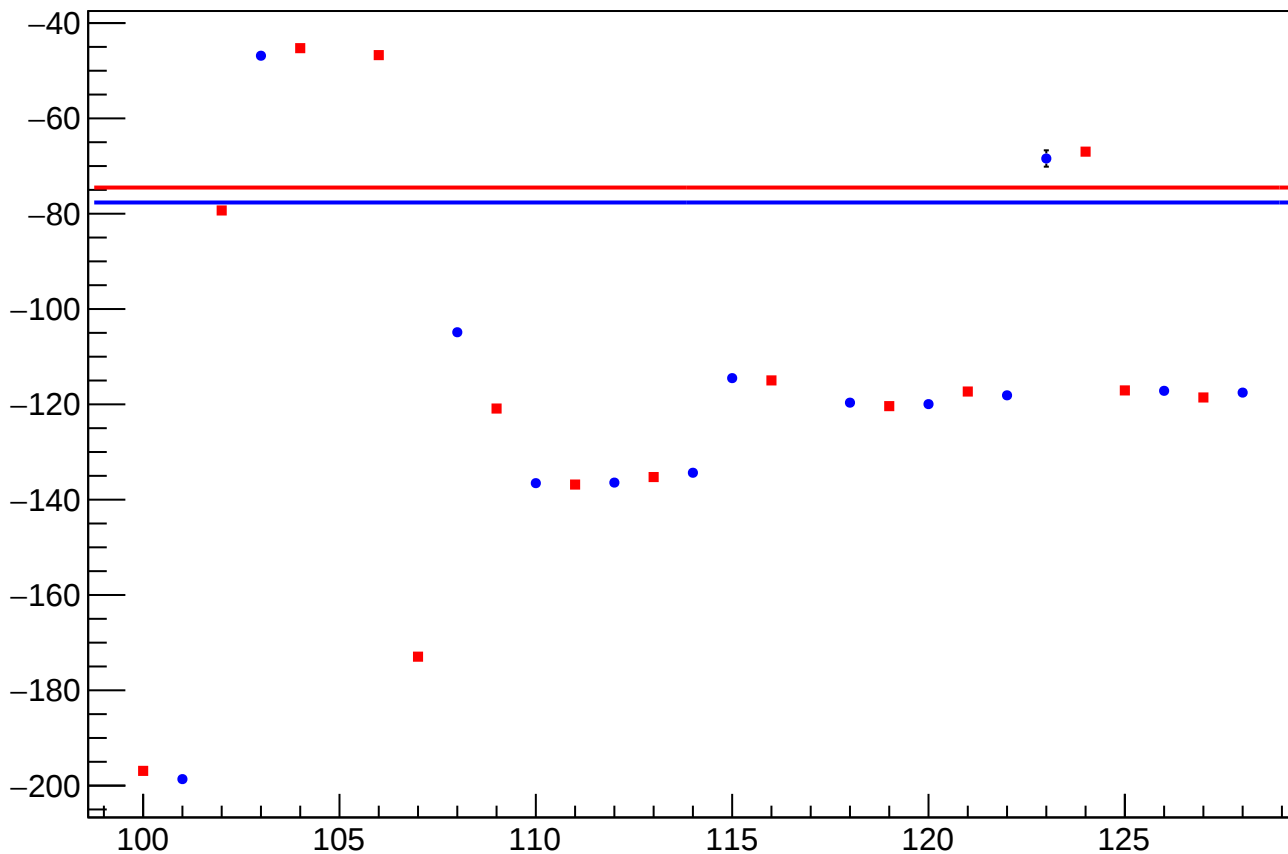
Right: 38.311 $\pm$ 1.124 χ^2 /NDF: 587.5/26

In: 41.961 $\pm$ 1.642 χ^2 /NDF:311.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 38.311 $\pm$ 1.124 χ^2 /NDF: 587.5/26

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -77.646 $\pm$ 0.075 χ^2 /NDF: 328655.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -74.510 $\pm$ 0.070 χ^2 /NDF: 300263.9/13

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

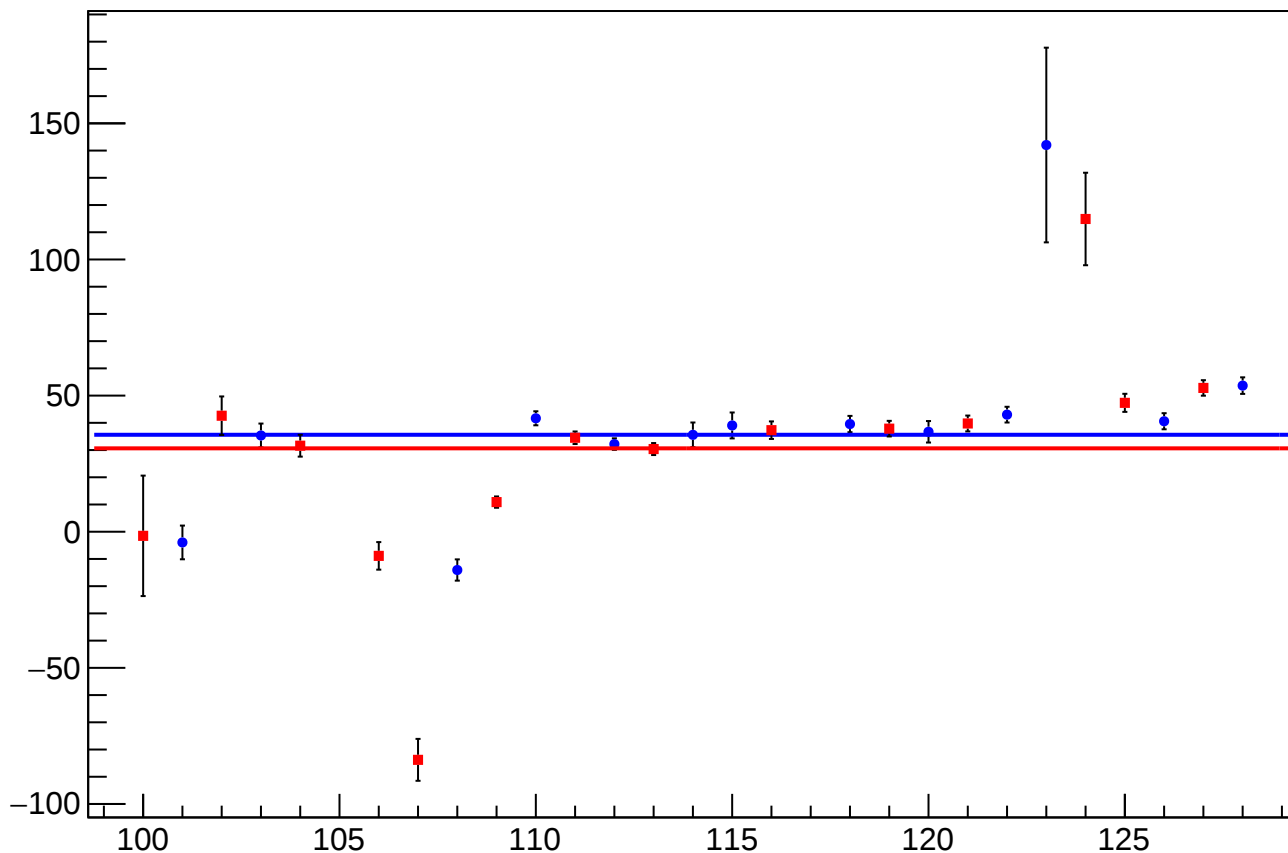
Right: -75.988 $\pm$ 0.051 χ^2 /NDF: 629852.0/26

In: -77.646 $\pm$ 0.075 χ^2 /NDF: 328655.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -75.988 $\pm$ 0.051 χ^2 /NDF: 629852.0/26

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 35.612+/-0.941 χ^2 /NDF: 266.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 30.627+/-0.870 χ^2 /NDF: 511.7/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

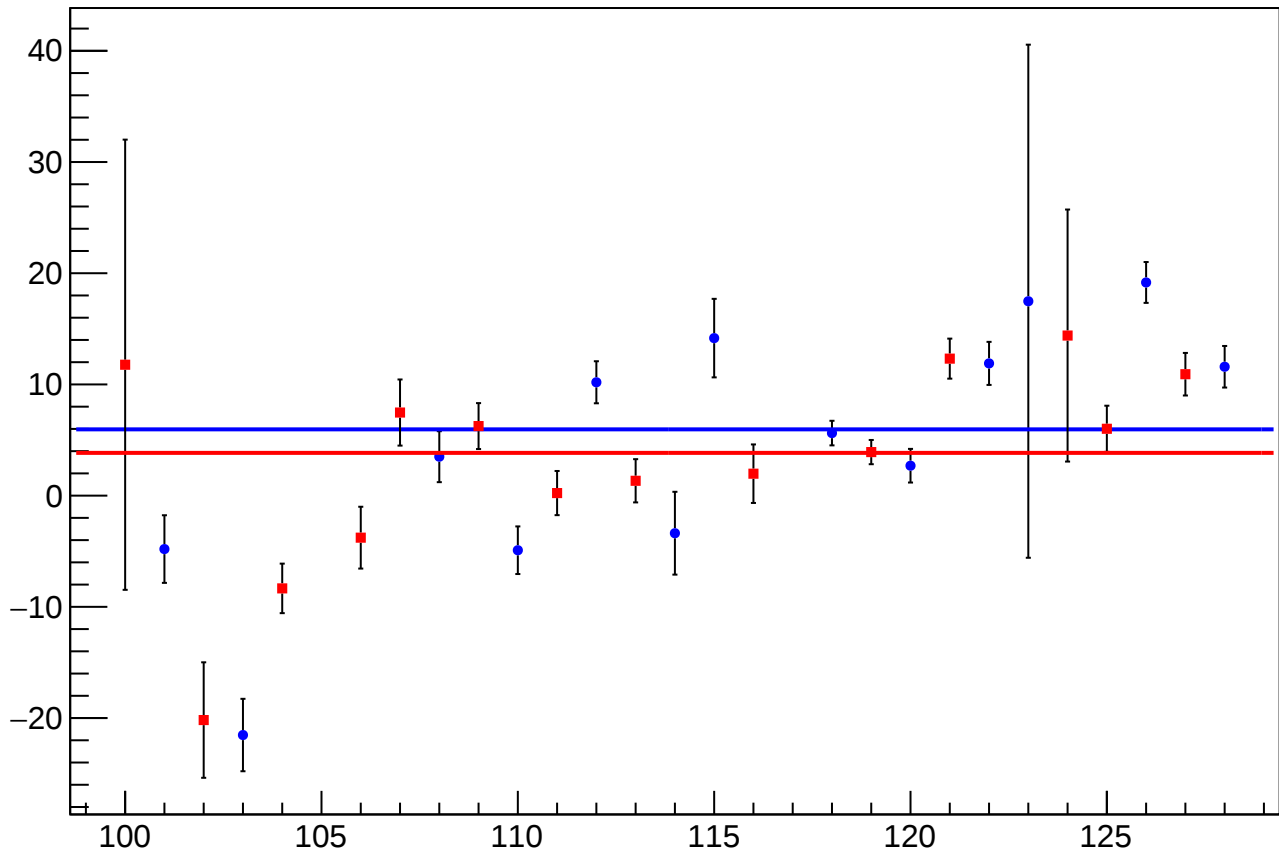
Right: 32.925+/-0.639 χ^2 /NDF: 793.2/26

In: 35.612+/-0.941 χ^2 /NDF:266.4/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 32.925+/-0.639 χ^2 /NDF: 793.2/26

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.960+/-0.563 χ^2/NDF : 202.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.845+/-0.573 χ^2/NDF : 105.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

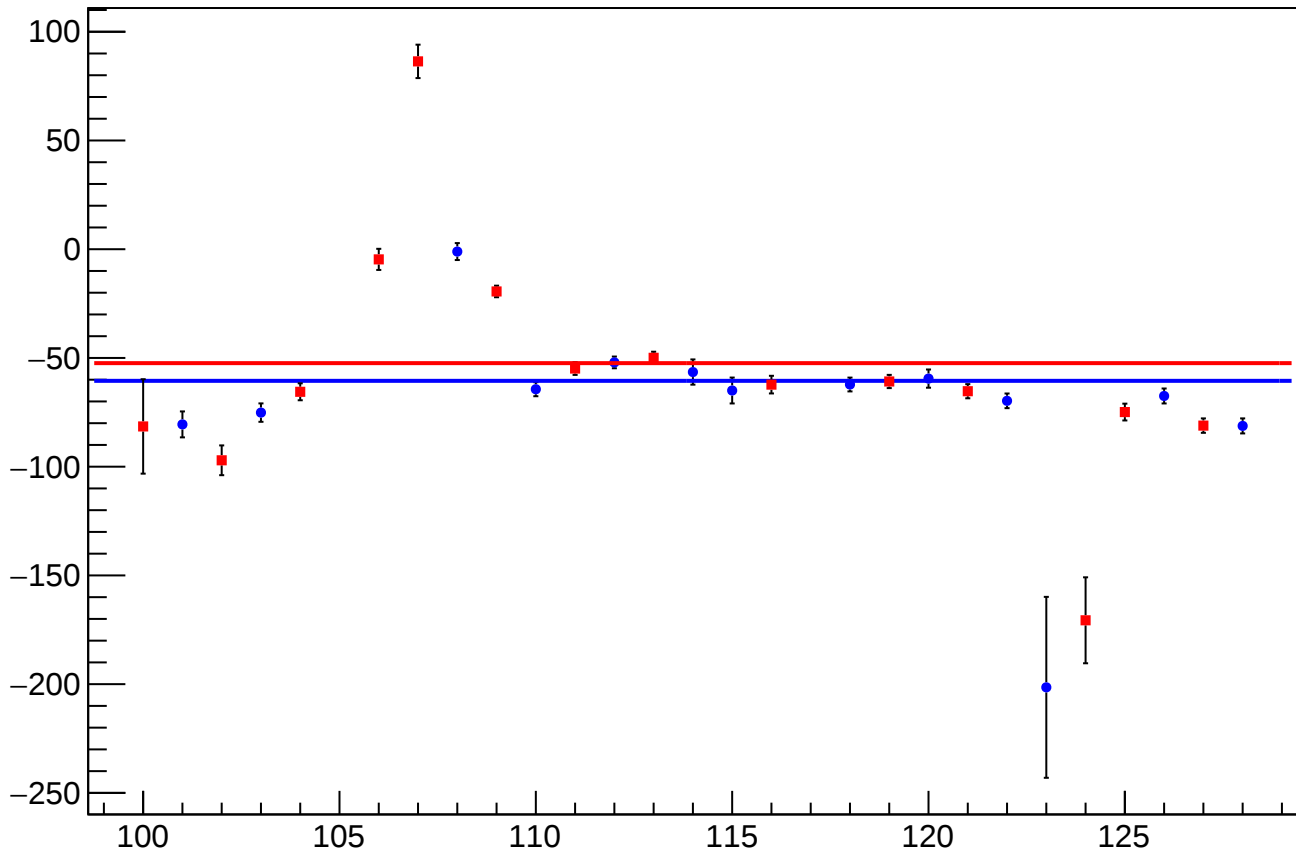
Right: 4.921+/-0.402 χ^2/NDF : 314.7/26

In: 5.960+/-0.563 χ^2/NDF : 202.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.921+/-0.402 χ^2/NDF : 314.7/26

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -60.524+/-1.081 χ^2/NDF : 327.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -52.385+/-1.021 χ^2/NDF : 807.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

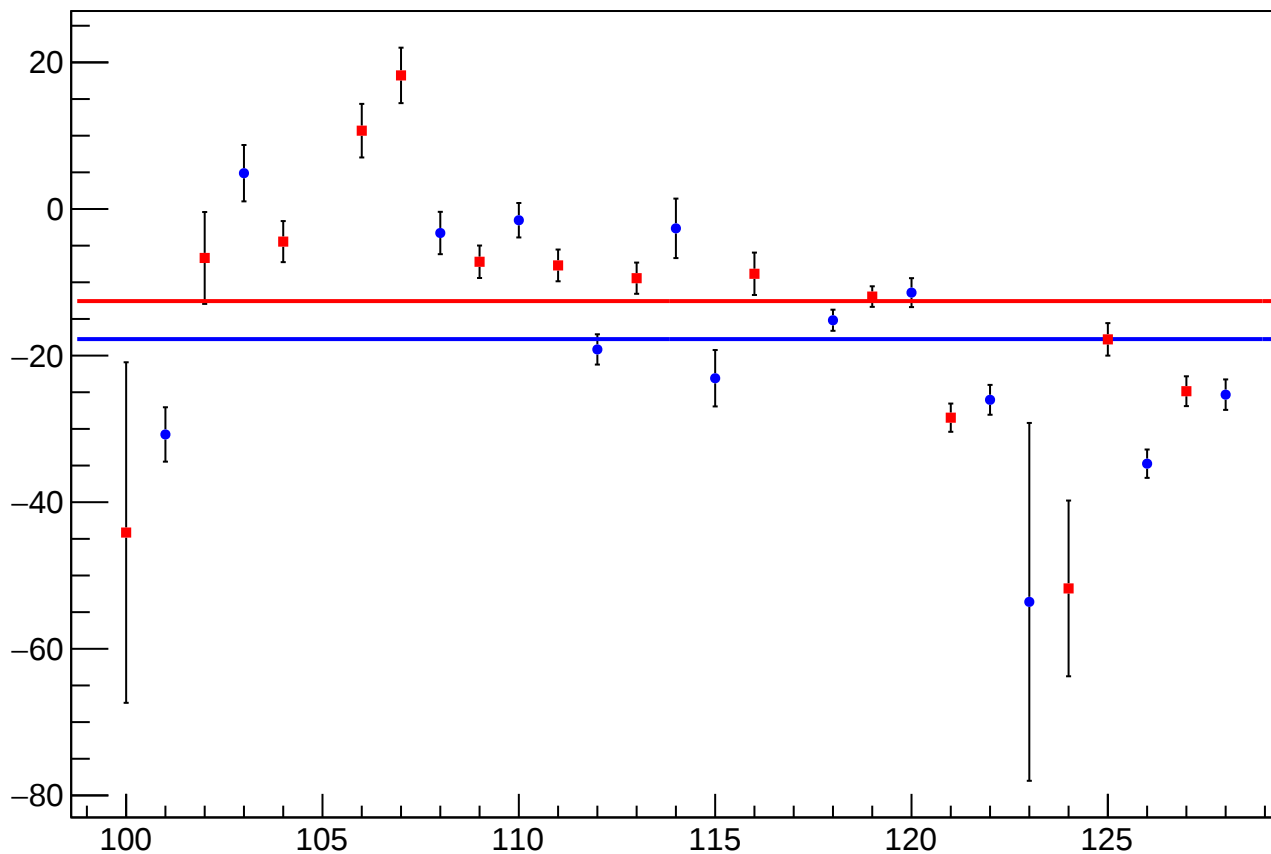
Right: -56.222+/-0.742 χ^2/NDF : 1165.3/26

In: -60.524+/-1.081 χ^2/NDF : 327.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.222+/-0.742 χ^2/NDF : 1165.3/26

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -17.749 ± 0.662 χ^2/NDF : 258.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -12.564 ± 0.661 χ^2/NDF : 253.7/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

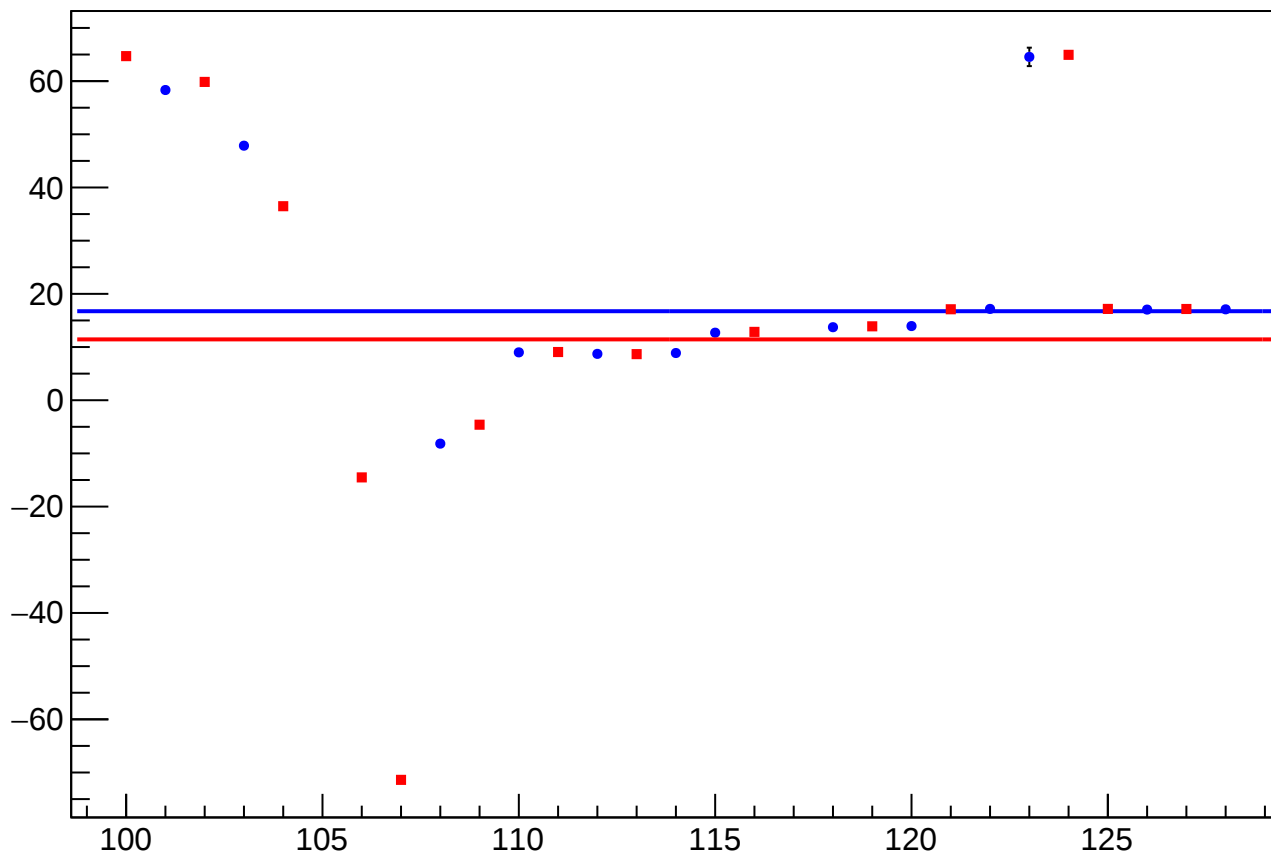
Right: -15.156 ± 0.468 χ^2/NDF : 543.0/26

In: -17.749 ± 0.662 χ^2/NDF : 258.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.156 ± 0.468 χ^2/NDF : 543.0/26

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 16.738+/-0.040 χ^2/NDF : 233106.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.438+/-0.039 χ^2/NDF : 447571.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

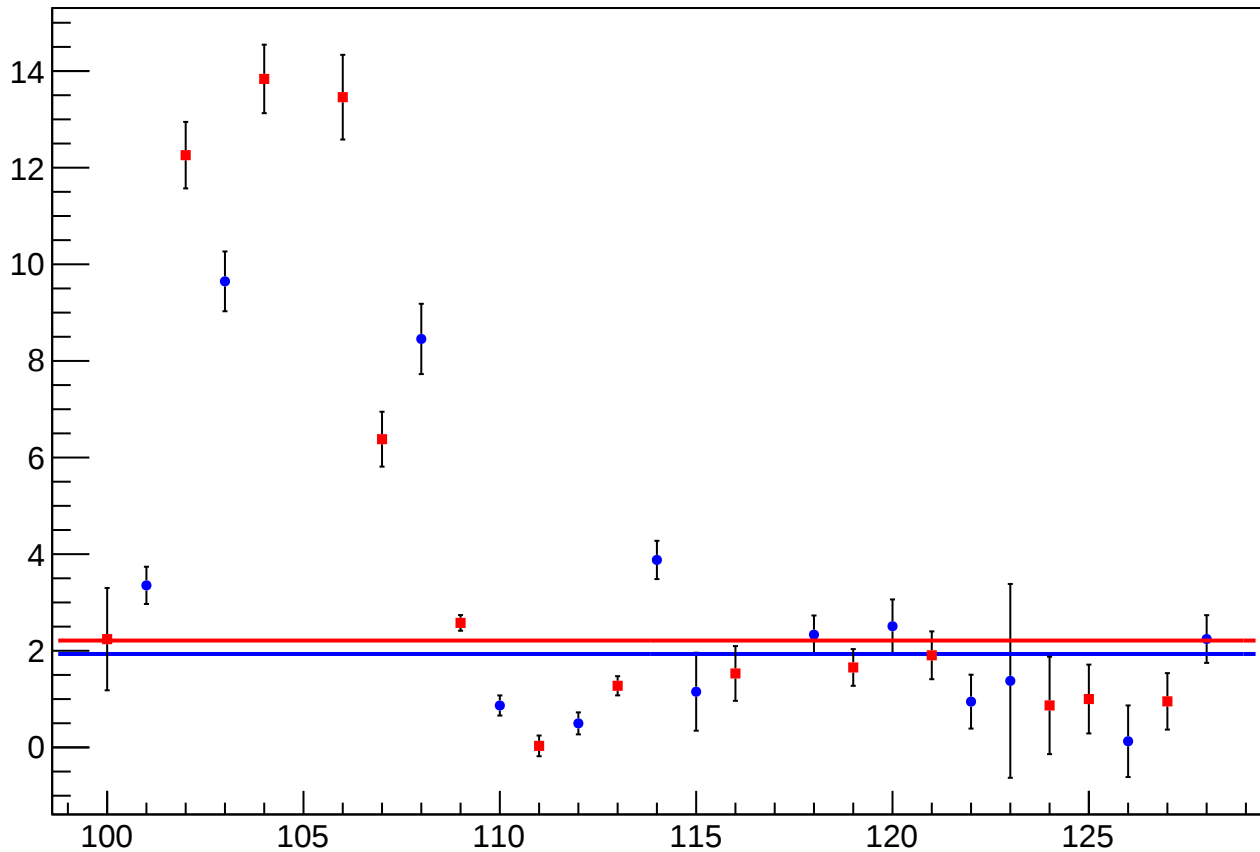
Right: 14.046+/-0.028 χ^2/NDF : 689556.1/26

In: 16.738+/-0.040 χ^2/NDF : 233106.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.046+/-0.028 χ^2/NDF : 689556.1/26

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.934+/-0.111 χ^2/NDF : 352.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.212+/-0.093 χ^2/NDF : 844.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

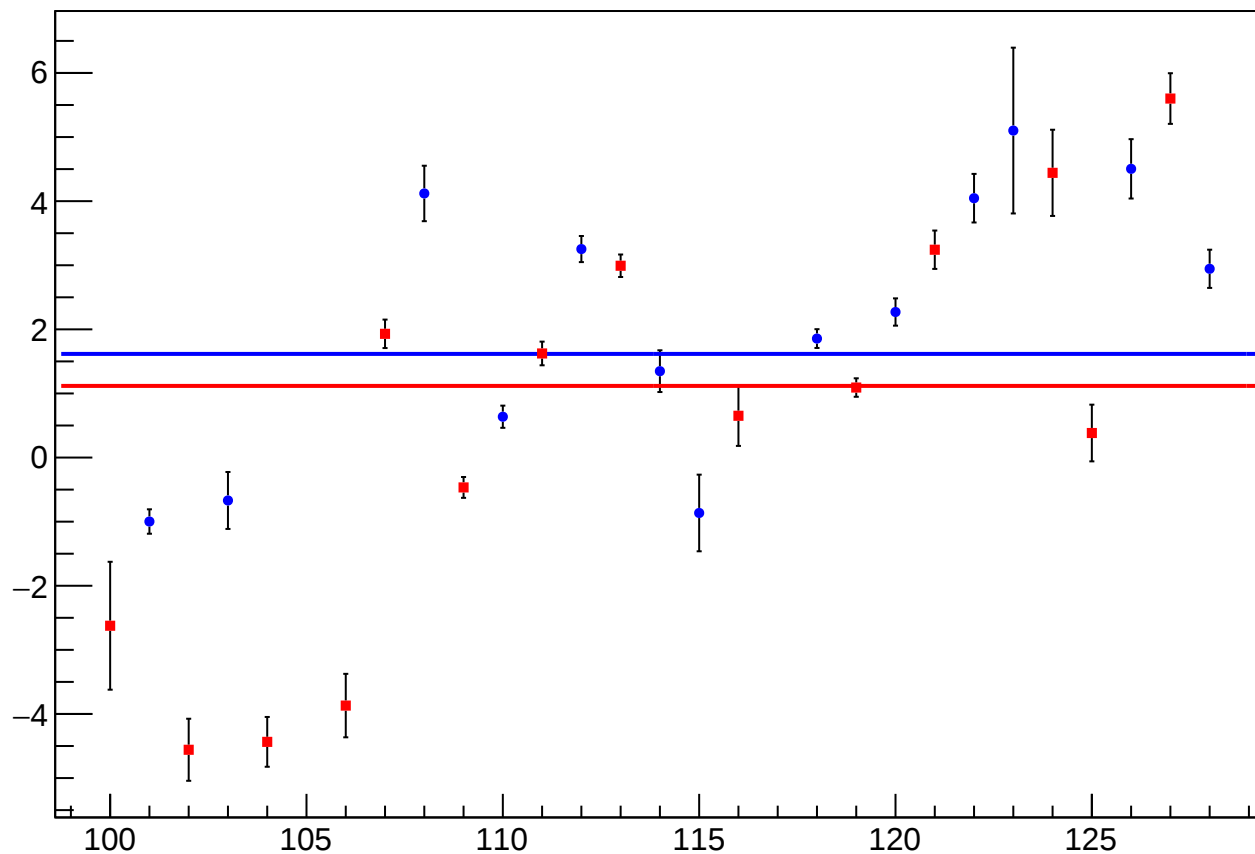
Right: 2.097+/-0.072 χ^2/NDF : 1200.0/26

In: 1.934+/-0.111 χ^2/NDF : 352.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.097+/-0.072 χ^2/NDF : 1200.0/26

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.617 $\pm$ 0.071 χ^2 /NDF: 482.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.118 $\pm$ 0.068 χ^2 /NDF: 894.4/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

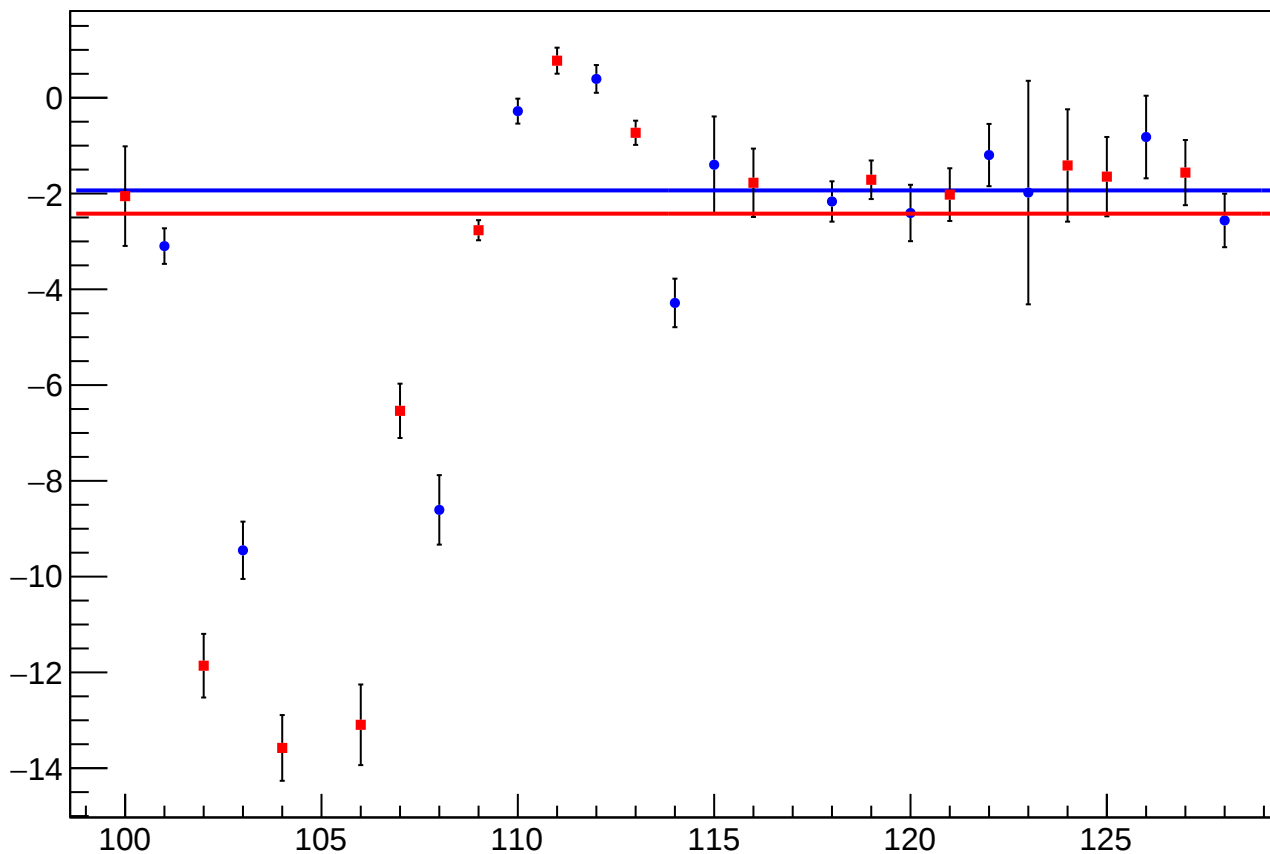
Right: 1.359 $\pm$ 0.049 χ^2 /NDF: 1402.2/26

In: 1.617 $\pm$ 0.071 χ^2 /NDF:482.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.359 $\pm$ 0.049 χ^2 /NDF: 1402.2/26

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.935+/-0.130 χ^2/NDF : 383.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.420+/-0.114 χ^2/NDF : 872.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

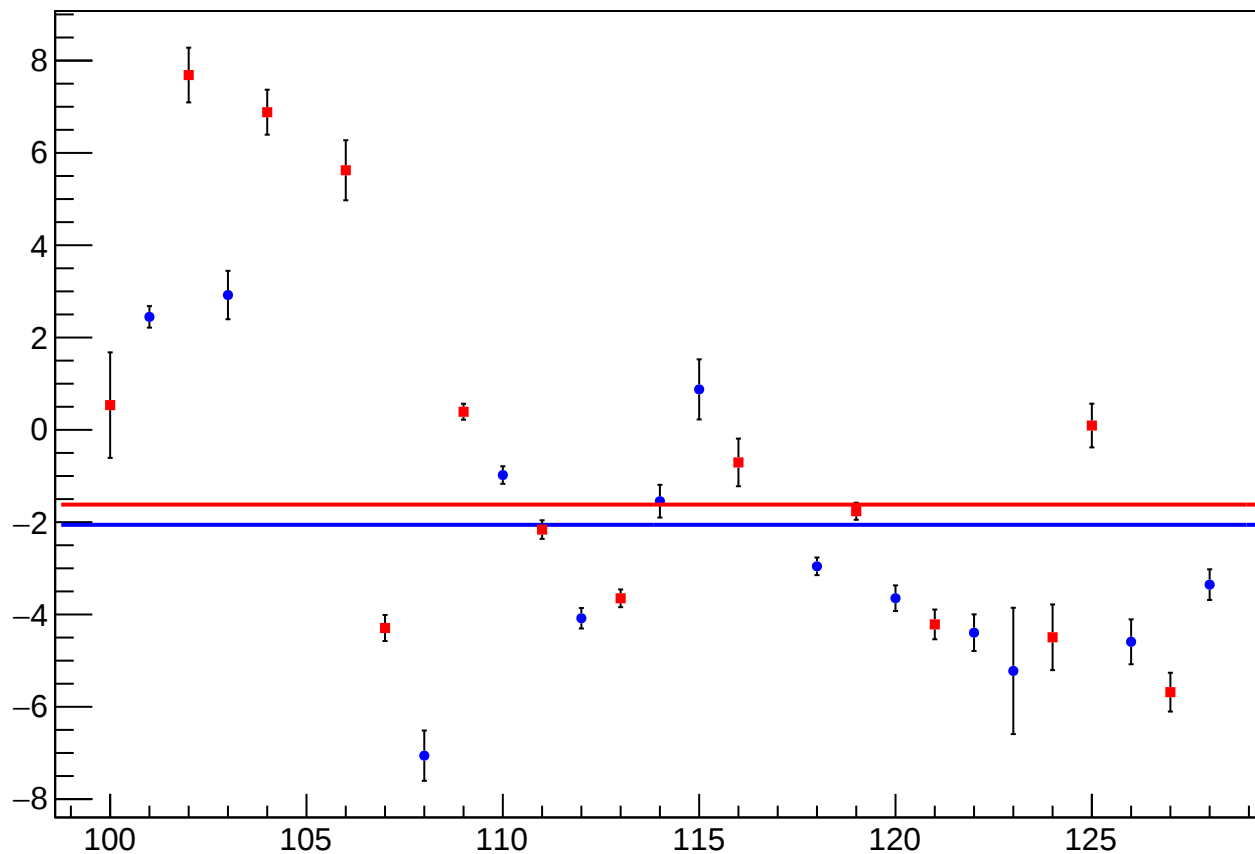
Right: -2.210+/-0.086 χ^2/NDF : 1264.6/26

In: -1.935+/-0.130 χ^2/NDF : 383.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.210+/-0.086 χ^2/NDF : 1264.6/26

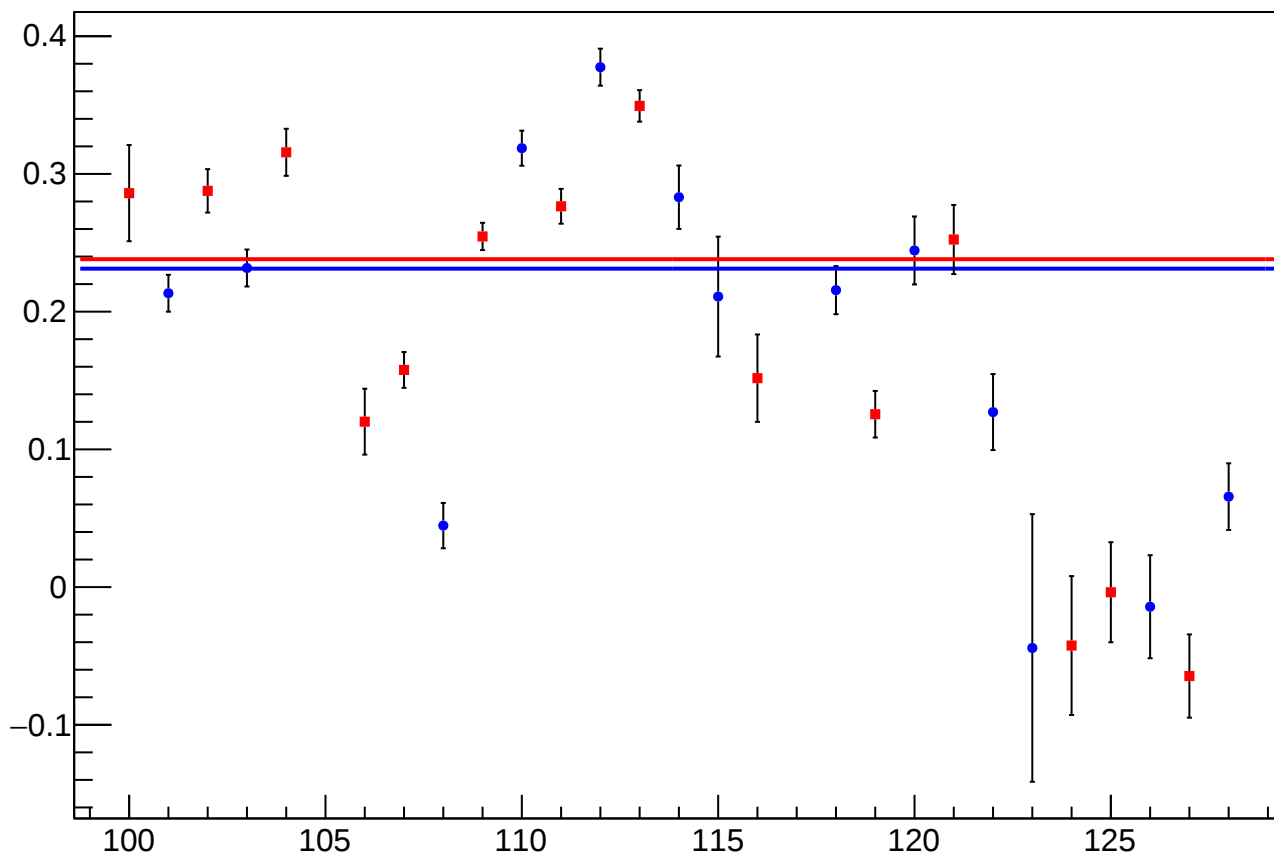
reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.057+/-0.083 χ^2/NDF : 823.5/12
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -1.619+/-0.078 χ^2/NDF : 1213.5/13
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -1.825+/-0.057 χ^2/NDF : 2051.6/26
 In: -2.057+/-0.083 χ^2/NDF :823.5/12
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -1.825+/-0.057 χ^2/NDF : 2051.6/26

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.231+/-0.005 χ^2/NDF : 414.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.238+/-0.005 χ^2/NDF : 429.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

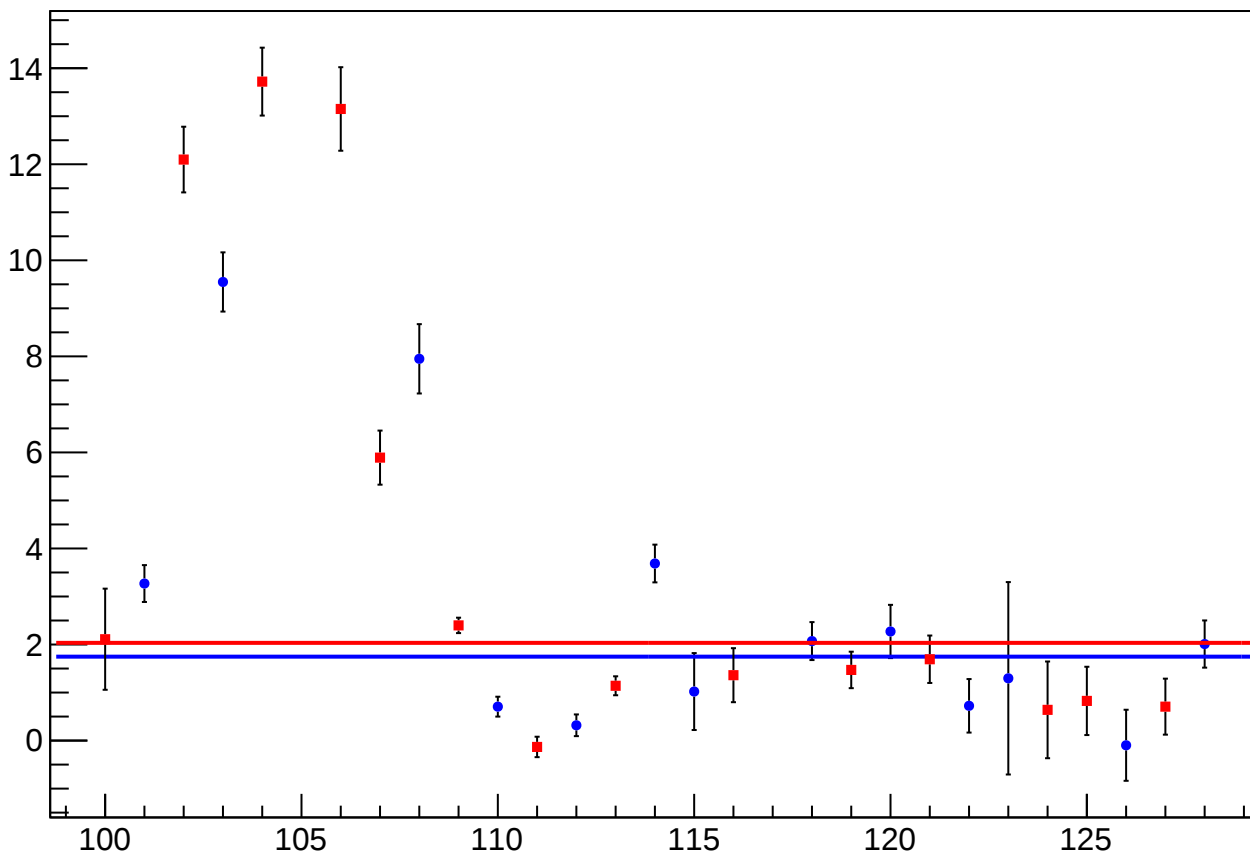
Right: 0.235+/-0.003 χ^2/NDF : 844.7/26

In: 0.231+/-0.005 χ^2/NDF : 414.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.235+/-0.003 χ^2/NDF : 844.7/26

reg_asym_bcm_an_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.748+/-0.111 χ^2/NDF : 351.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.035+/-0.093 χ^2/NDF : 843.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

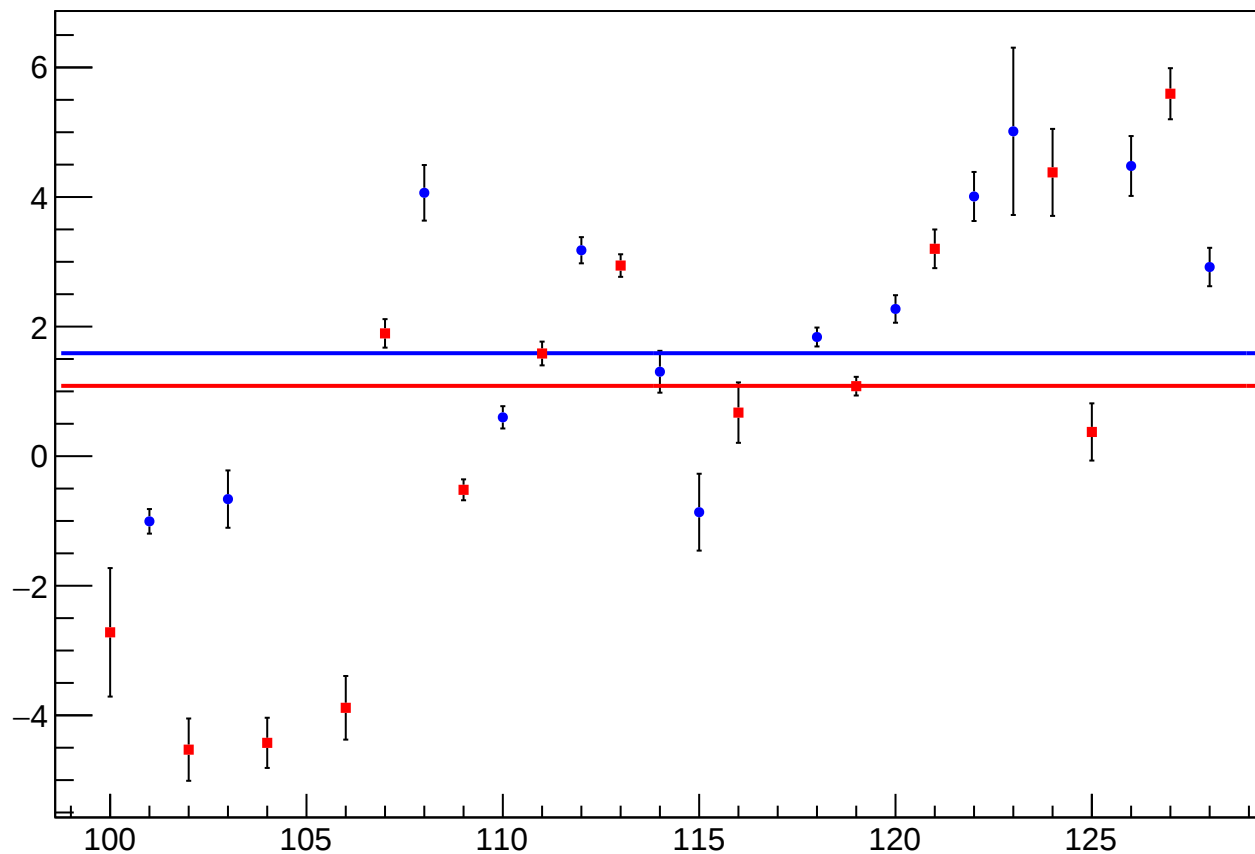
Right: 1.916+/-0.071 χ^2/NDF : 1199.4/26

In: 1.748+/-0.111 χ^2/NDF : 351.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.916+/-0.071 χ^2/NDF : 1199.4/26

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.589+/-0.070 χ^2/NDF : 479.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.085+/-0.068 χ^2/NDF : 897.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

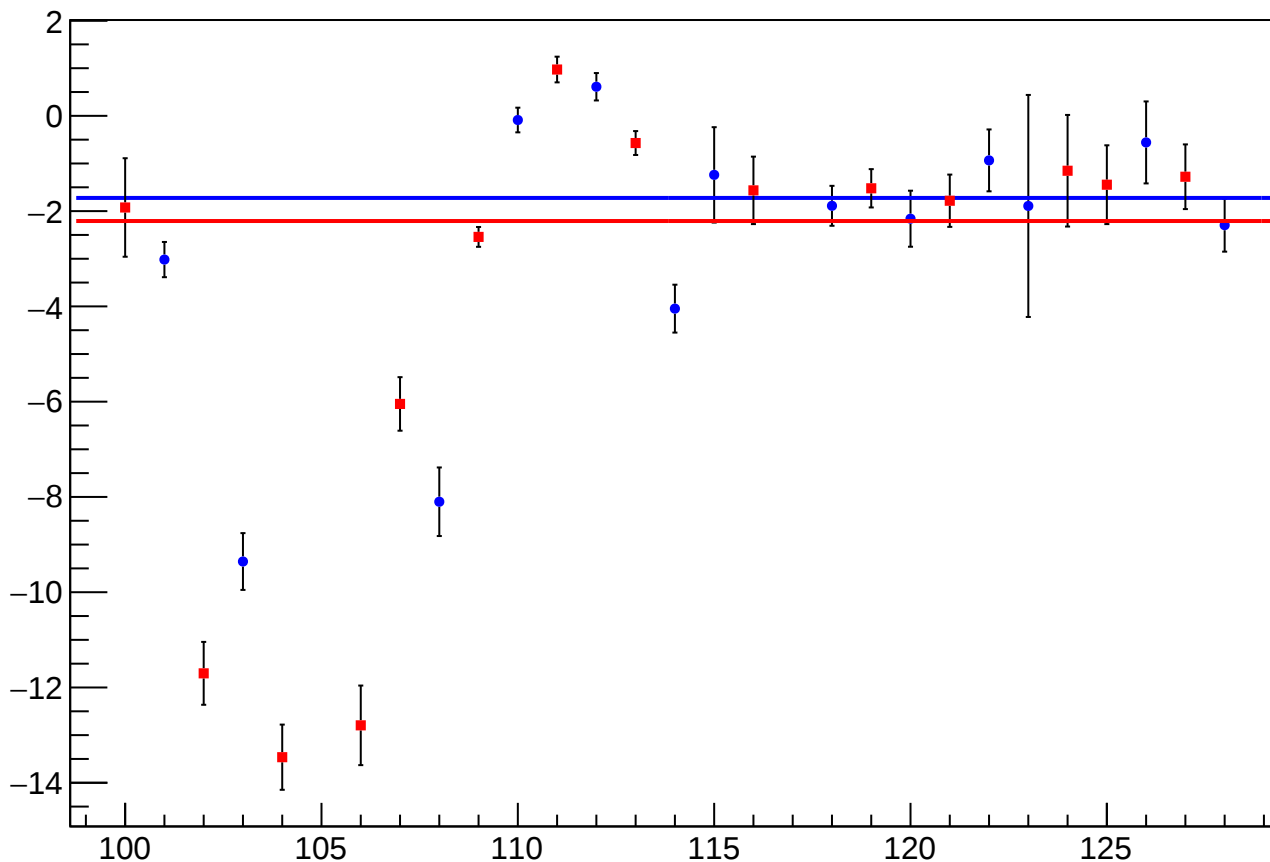
Right: 1.329+/-0.049 χ^2/NDF : 1403.7/26

In: 1.589+/-0.070 χ^2/NDF : 479.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.329+/-0.049 χ^2/NDF : 1403.7/26

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.723+/-0.129 χ^2/NDF : 387.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.208+/-0.113 χ^2/NDF : 876.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

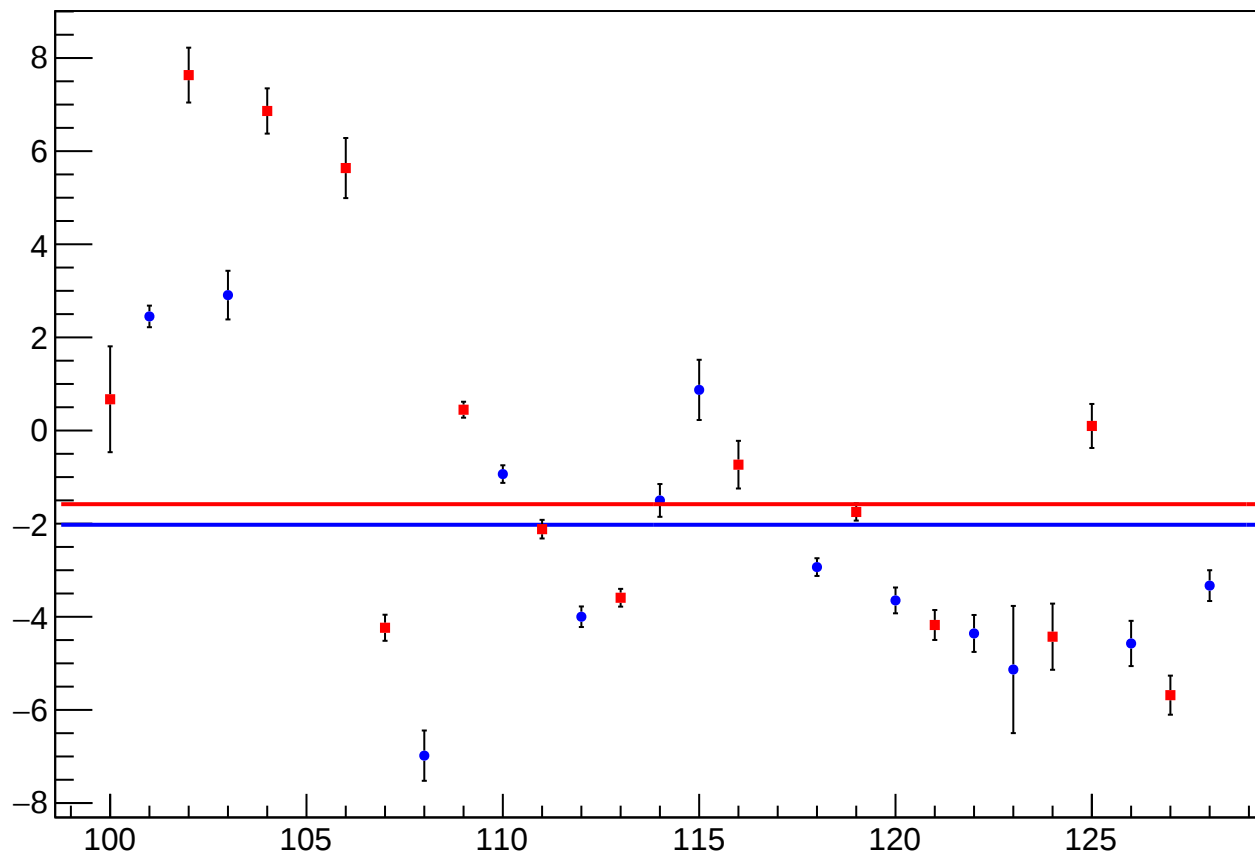
Right: -1.998+/-0.085 χ^2/NDF : 1272.0/26

In: -1.723+/-0.129 χ^2/NDF : 387.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.998+/-0.085 χ^2/NDF : 1272.0/26

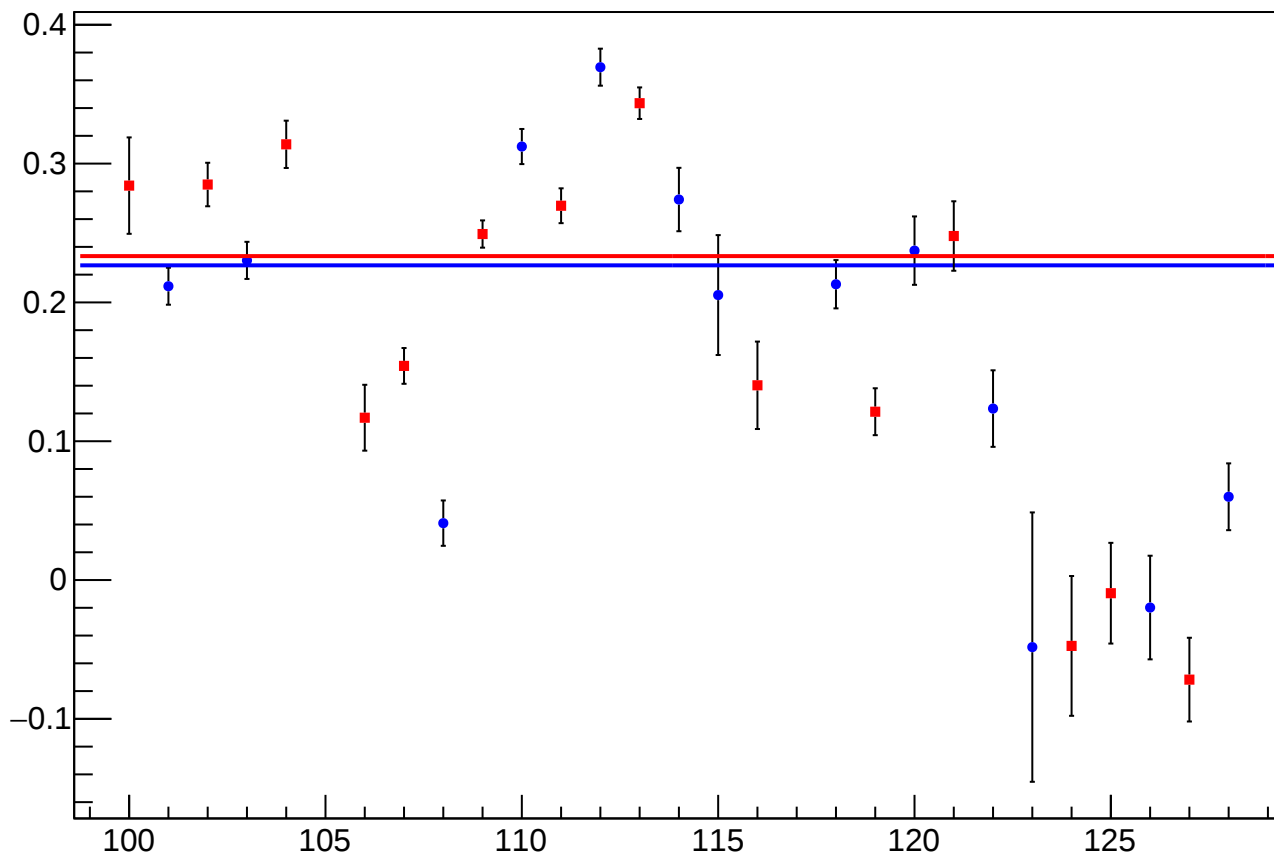
reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.024+/-0.083 χ^2/NDF : 821.6/12
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -1.582+/-0.078 χ^2/NDF : 1217.0/13
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -1.789+/-0.057 χ^2/NDF : 2053.7/26
 In: -2.024+/-0.083 χ^2/NDF :821.6/12
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -1.789+/-0.057 χ^2/NDF : 2053.7/26

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.227+/-0.005 χ^2/NDF : 410.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.233+/-0.005 χ^2/NDF : 433.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

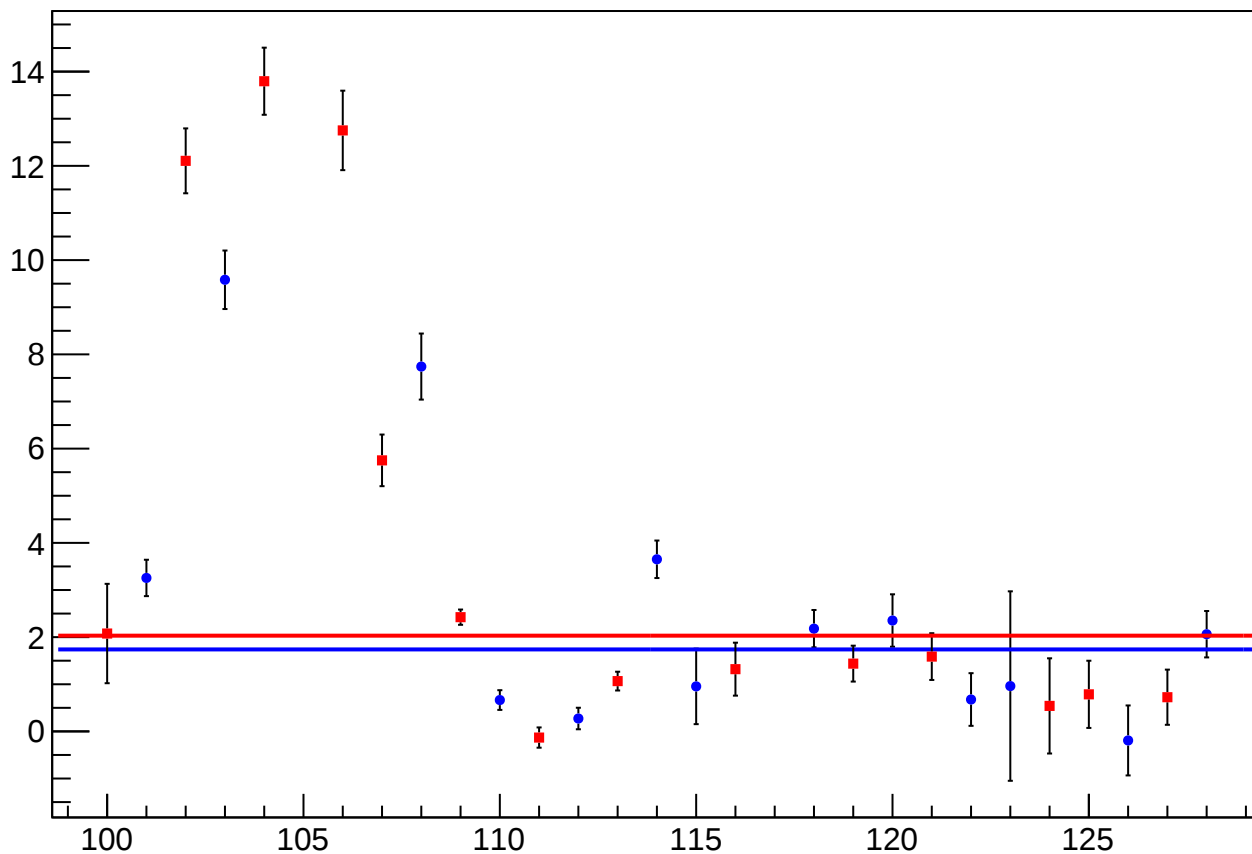
Right: 0.230+/-0.003 χ^2/NDF : 844.3/26

In: 0.227+/-0.005 χ^2/NDF : 410.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.230+/-0.003 χ^2/NDF : 844.3/26

reg_asym_bcm_an_us_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.739+/-0.112 χ^2/NDF : 353.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.031+/-0.093 χ^2/NDF : 840.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

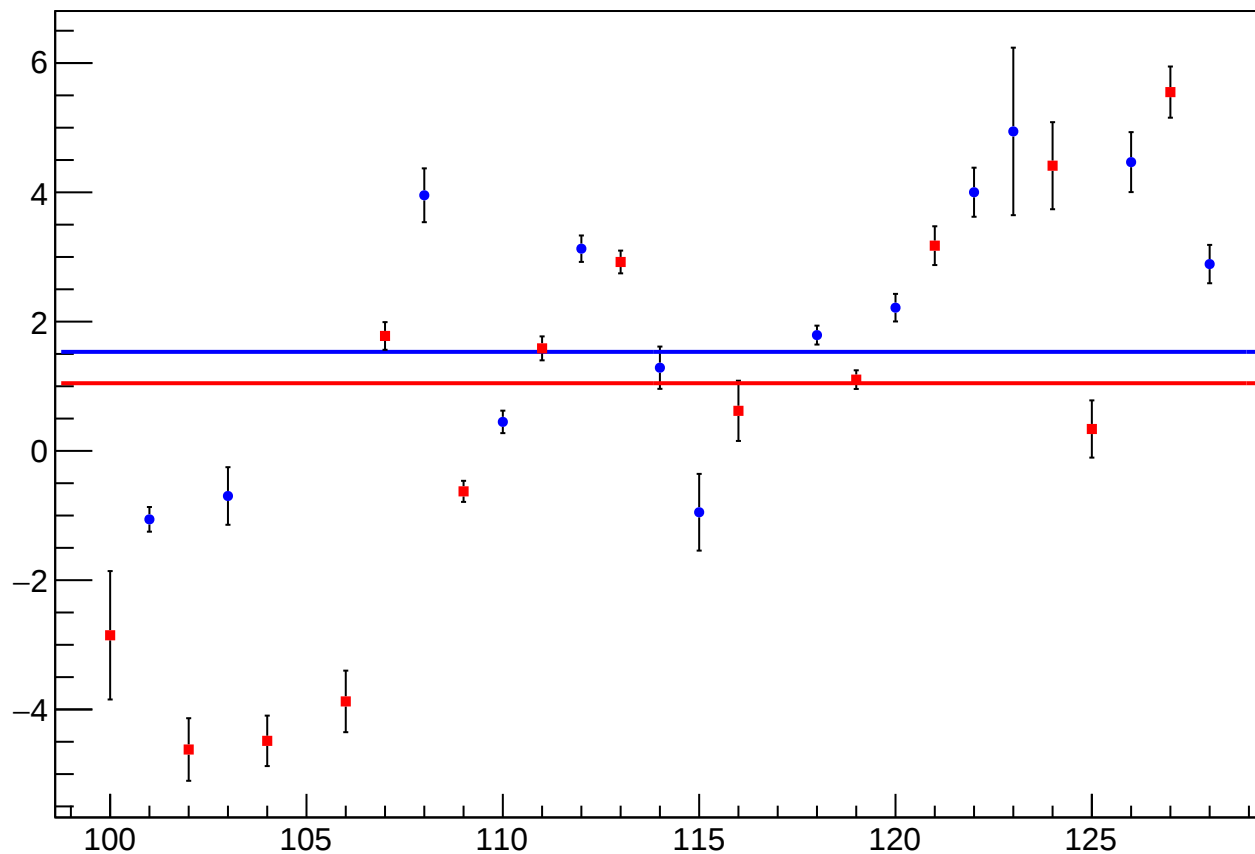
Right: 1.911+/-0.072 χ^2/NDF : 1197.9/26

In: 1.739+/-0.112 χ^2/NDF : 353.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.911+/-0.072 χ^2/NDF : 1197.9/26

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.532+/-0.071 χ^2/NDF : 484.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.047+/-0.068 χ^2/NDF : 907.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

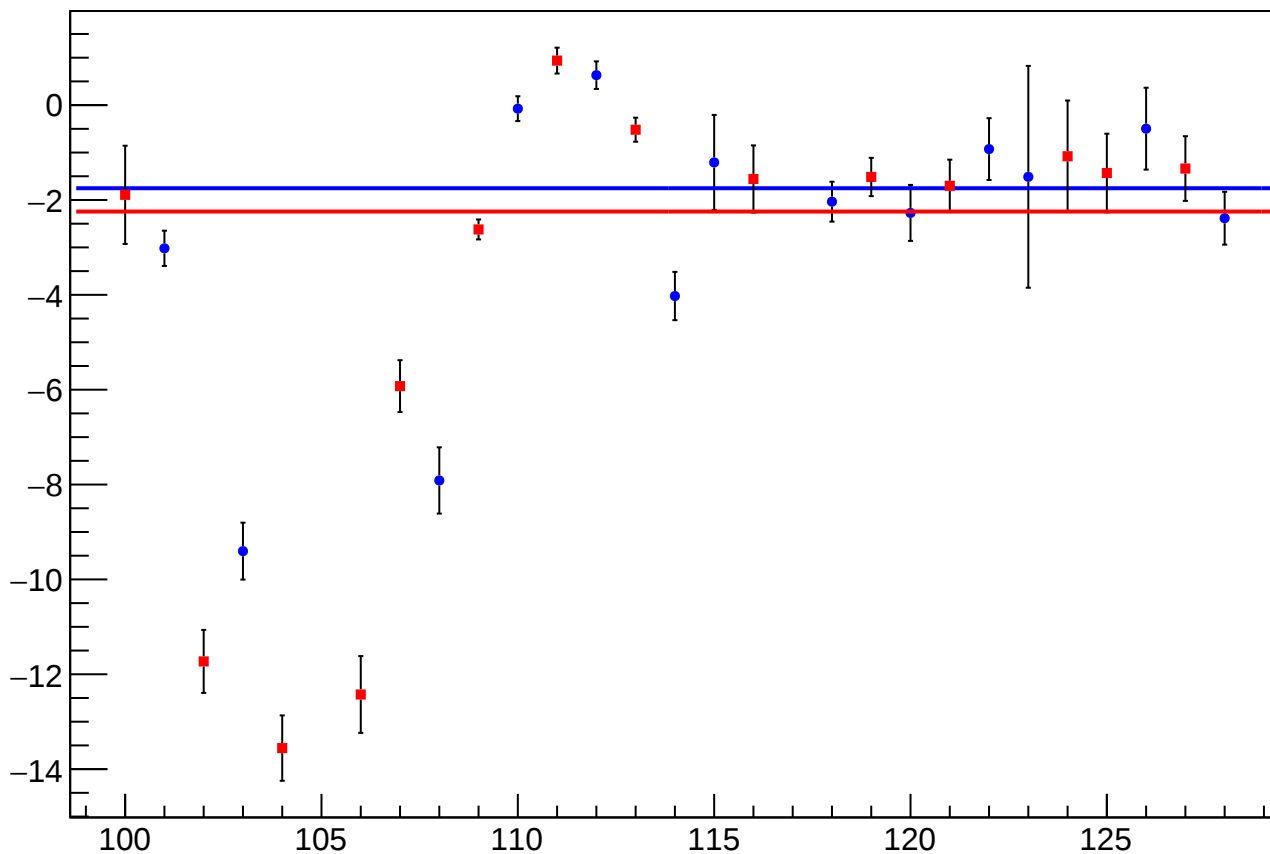
Right: 1.281+/-0.049 χ^2/NDF : 1416.7/26

In: 1.532+/-0.071 χ^2/NDF : 484.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.281+/-0.049 χ^2/NDF : 1416.7/26

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.752 ± 0.130 χ^2/NDF : 386.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.244 ± 0.114 χ^2/NDF : 871.4/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

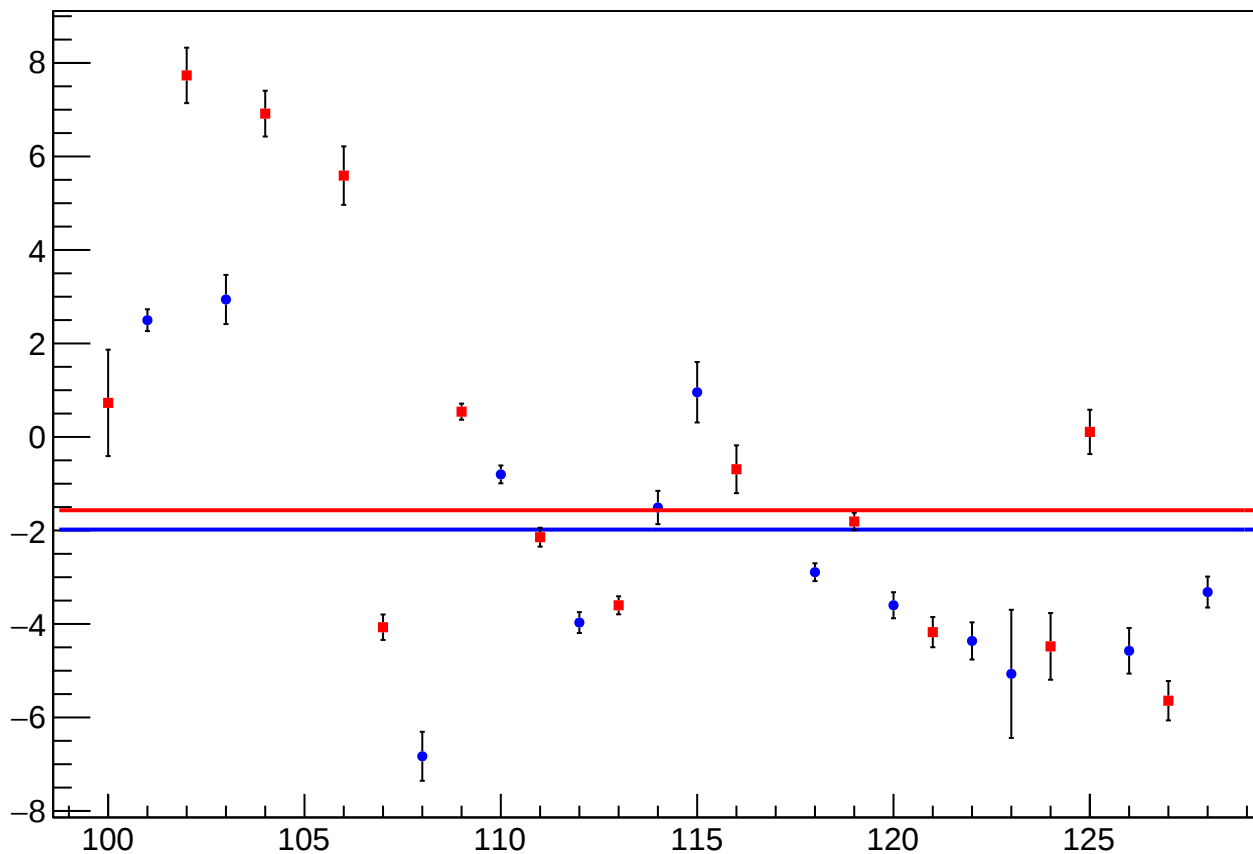
Right: -2.032 ± 0.086 χ^2/NDF : 1266.2/26

In: -1.752 ± 0.130 χ^2/NDF : 386.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.032 ± 0.086 χ^2/NDF : 1266.2/26

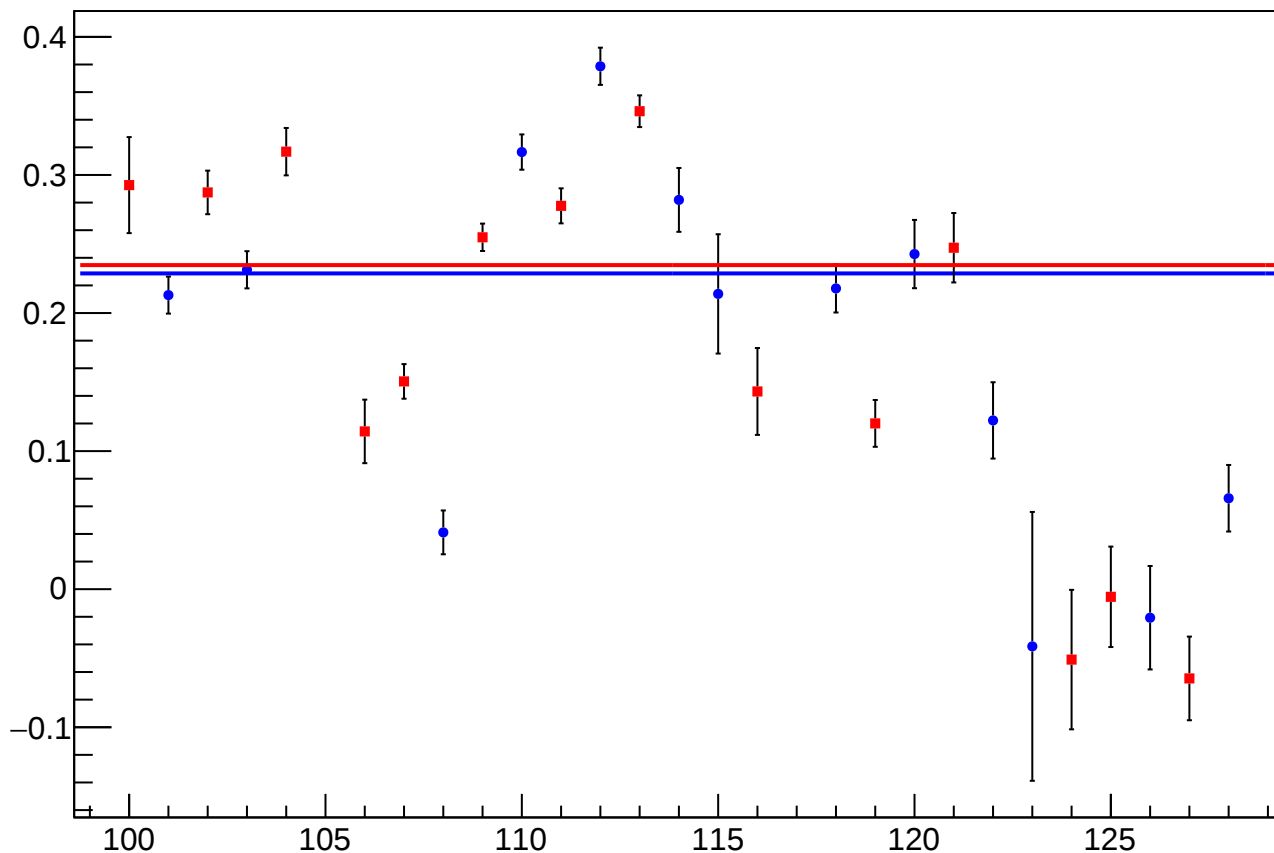
reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.982+/-0.083 χ^2/NDF : 824.2/12
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -1.568+/-0.078 χ^2/NDF : 1226.2/13
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -1.762+/-0.057 χ^2/NDF : 2063.5/26
 In: -1.982+/-0.083 χ^2/NDF :824.2/12
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -1.762+/-0.057 χ^2/NDF : 2063.5/26

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.229+/-0.005 χ^2/NDF : 430.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.235+/-0.005 χ^2/NDF : 447.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

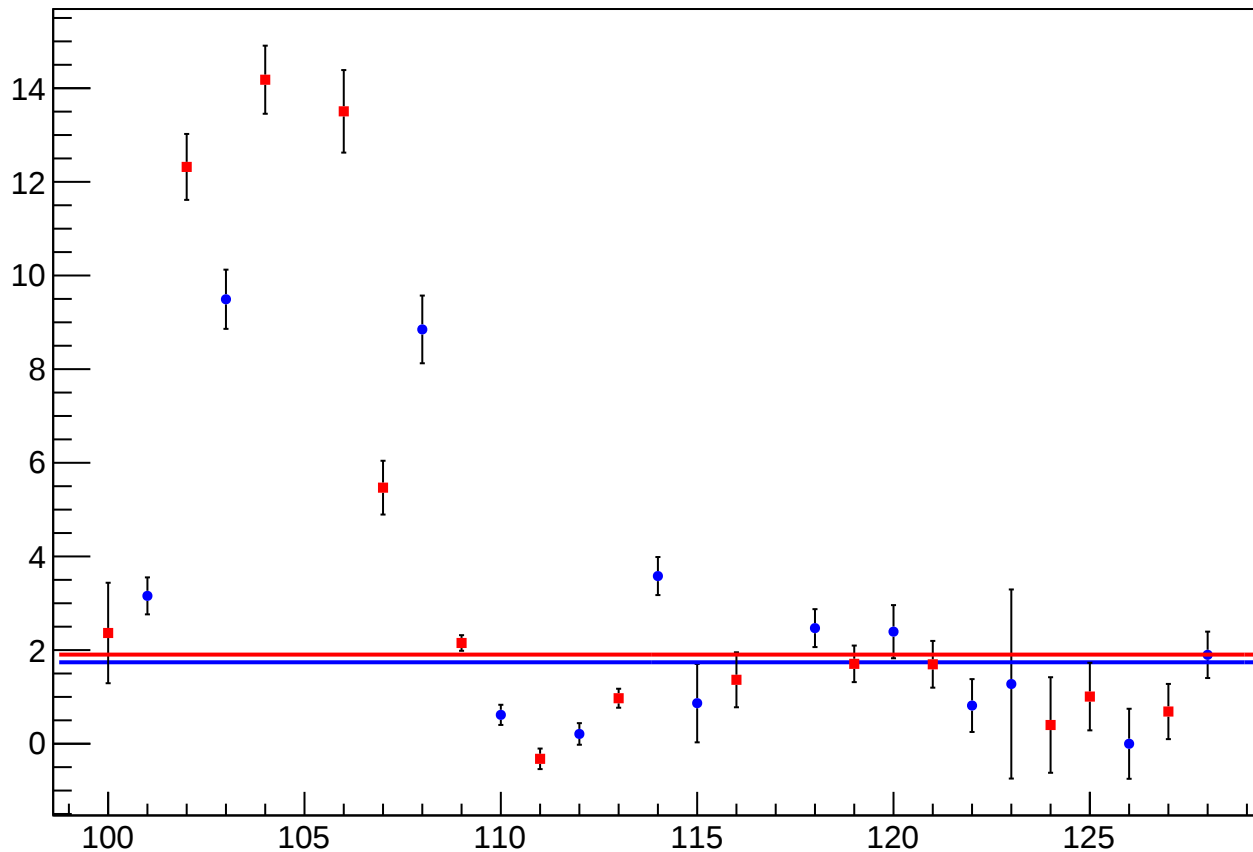
Right: 0.232+/-0.003 χ^2/NDF : 878.7/26

In: 0.229+/-0.005 χ^2/NDF : 430.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.232+/-0.003 χ^2/NDF : 878.7/26

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.740+/-0.114 χ^2/NDF : 365.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.904+/-0.096 χ^2/NDF : 851.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

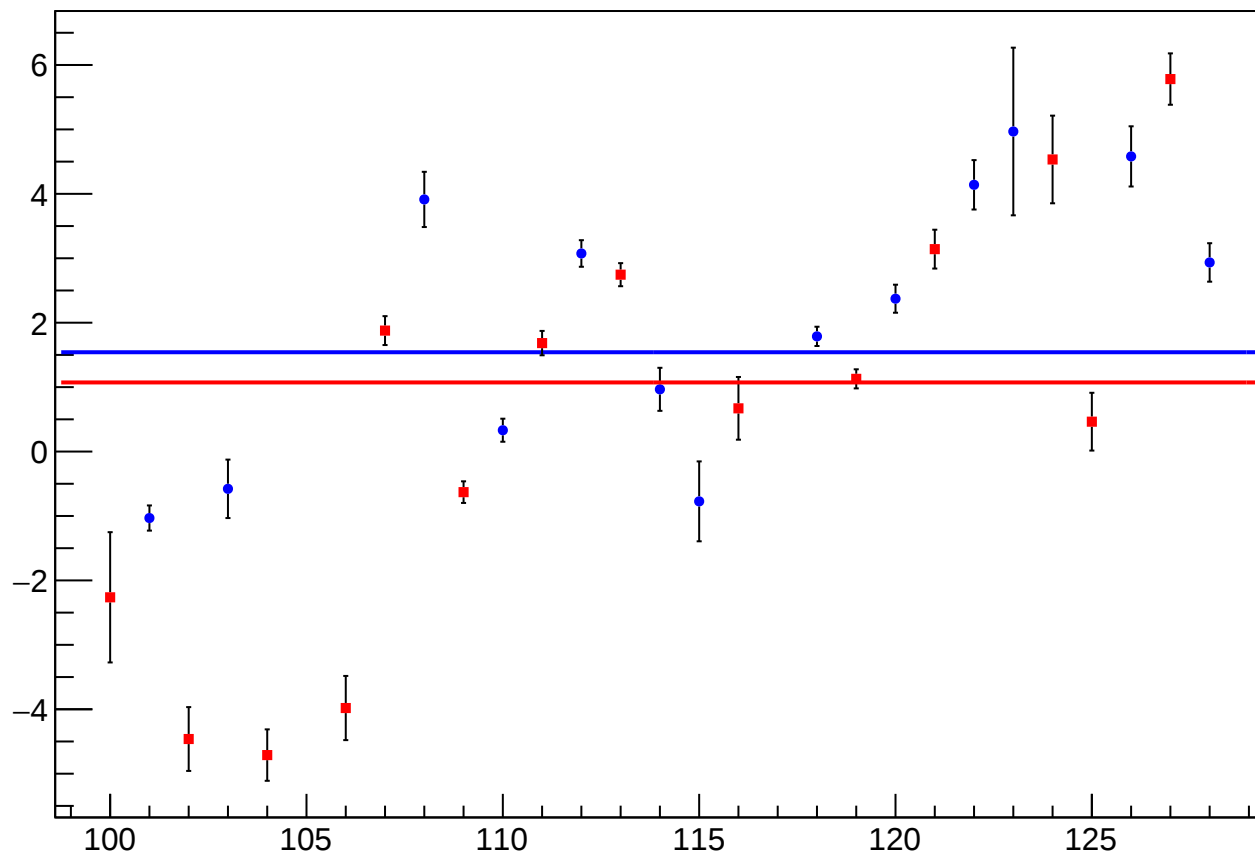
Right: 1.836+/-0.073 χ^2/NDF : 1218.4/26

In: 1.740+/-0.114 χ^2/NDF : 365.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.836+/-0.073 χ^2/NDF : 1218.4/26

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.541+/-0.072 χ^2/NDF : 478.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.073+/-0.070 χ^2/NDF : 877.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

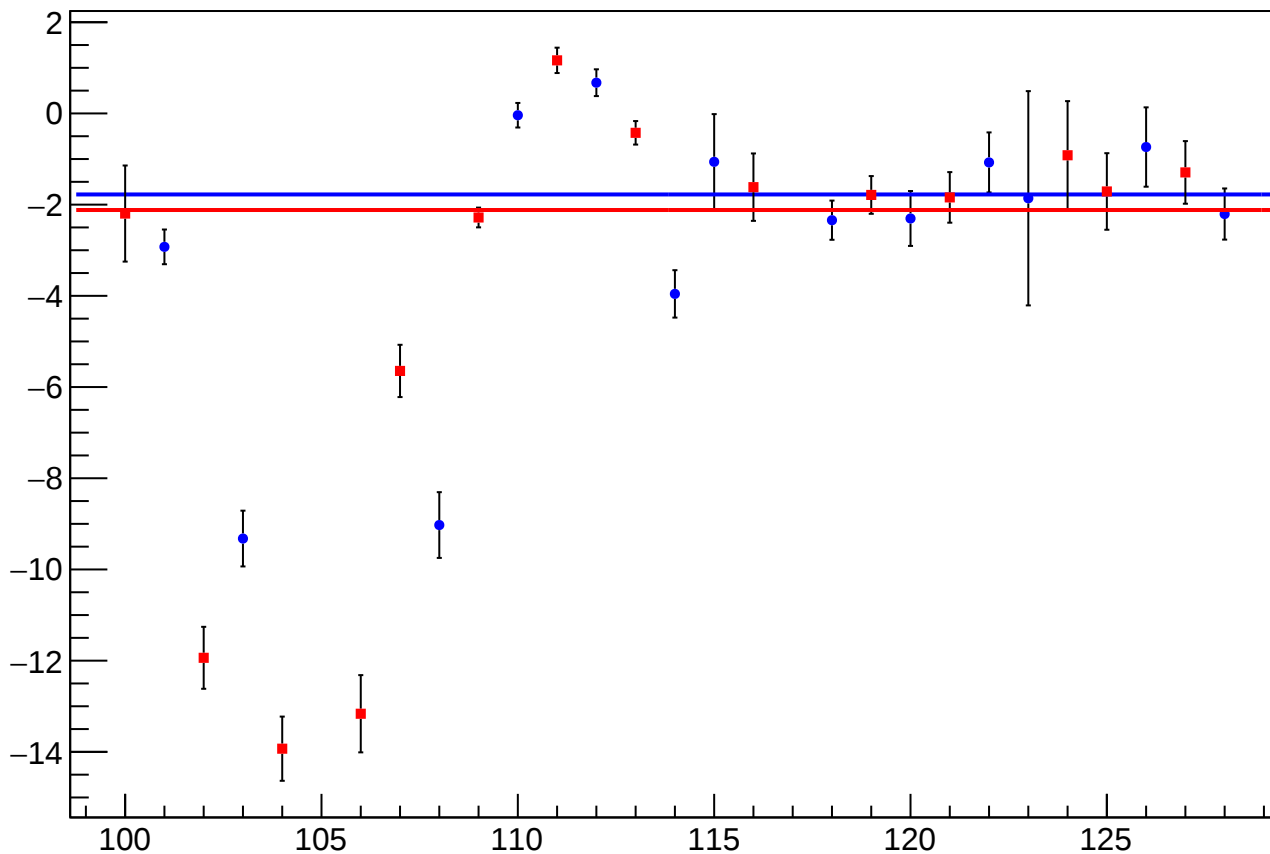
Right: 1.300+/-0.050 χ^2/NDF : 1377.1/26

In: 1.541+/-0.072 χ^2/NDF : 478.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.300+/-0.050 χ^2/NDF : 1377.1/26

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.777 ± 0.133 χ^2/NDF : 397.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.118 ± 0.116 χ^2/NDF : 885.3/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

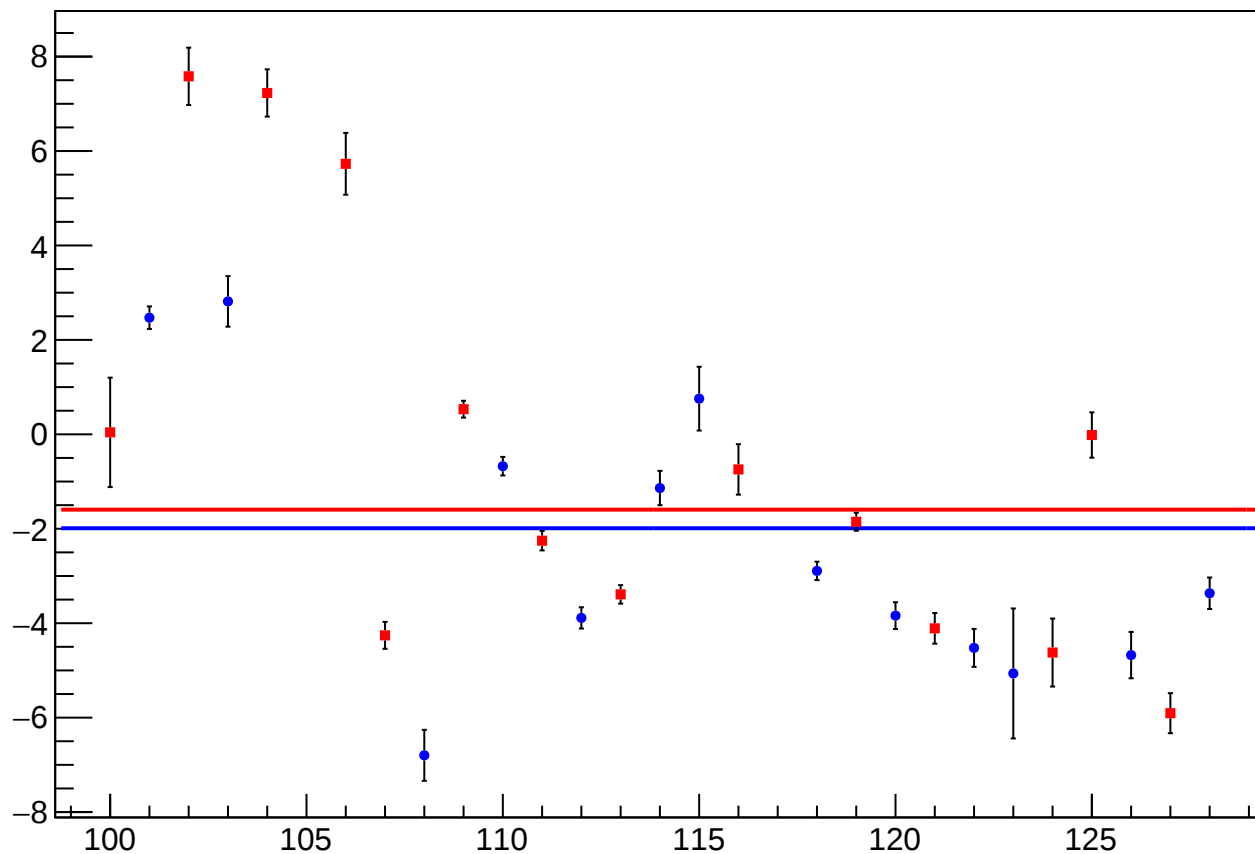
Right: -1.970 ± 0.087 χ^2/NDF : 1286.6/26

In: -1.777 ± 0.133 χ^2/NDF : 397.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.970 ± 0.087 χ^2/NDF : 1286.6/26

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.989+/-0.085 χ^2/NDF : 802.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.595+/-0.080 χ^2/NDF : 1186.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

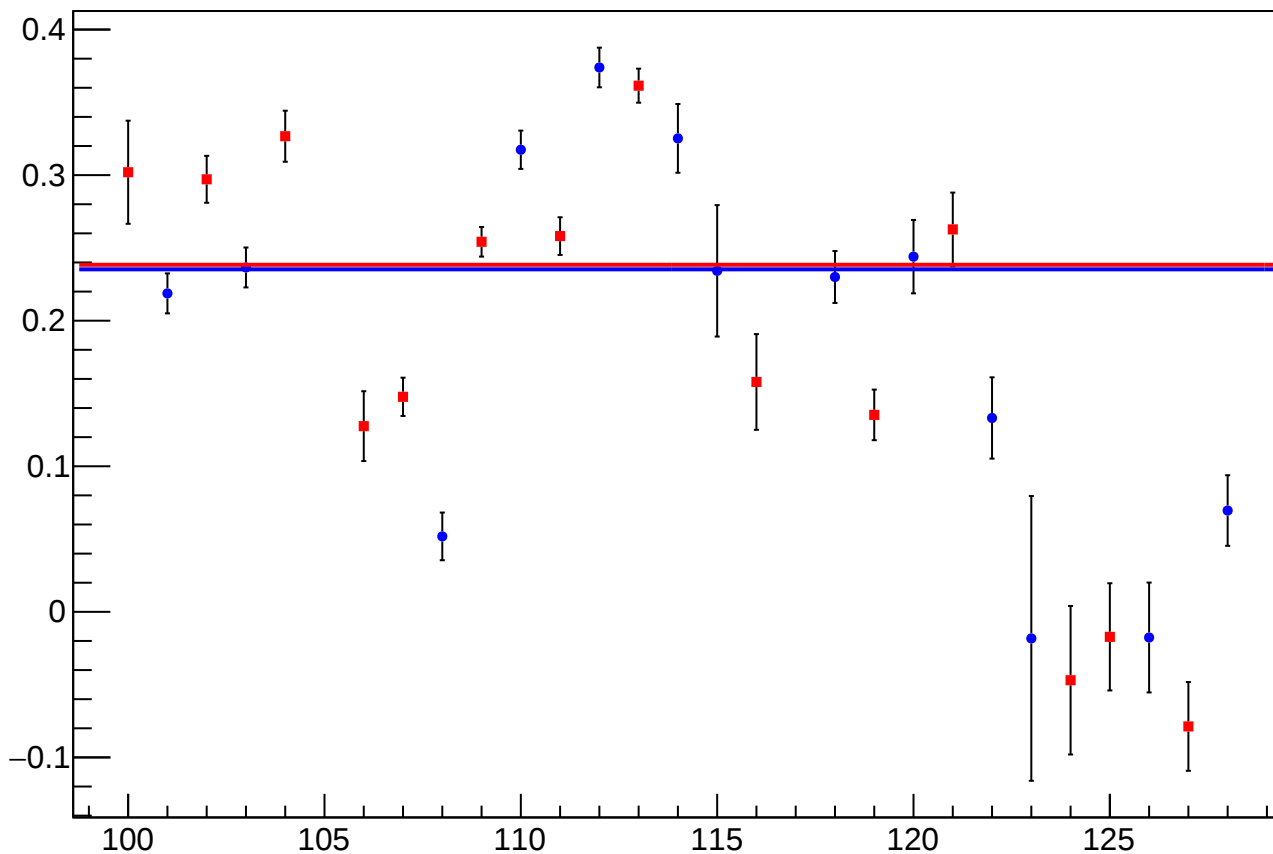
Right: -1.781+/-0.058 χ^2/NDF : 2000.2/26

In: -1.989+/-0.085 χ^2/NDF :802.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.781+/-0.058 χ^2/NDF : 2000.2/26

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.235+/-0.005 χ^2/NDF : 396.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.238+/-0.005 χ^2/NDF : 456.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

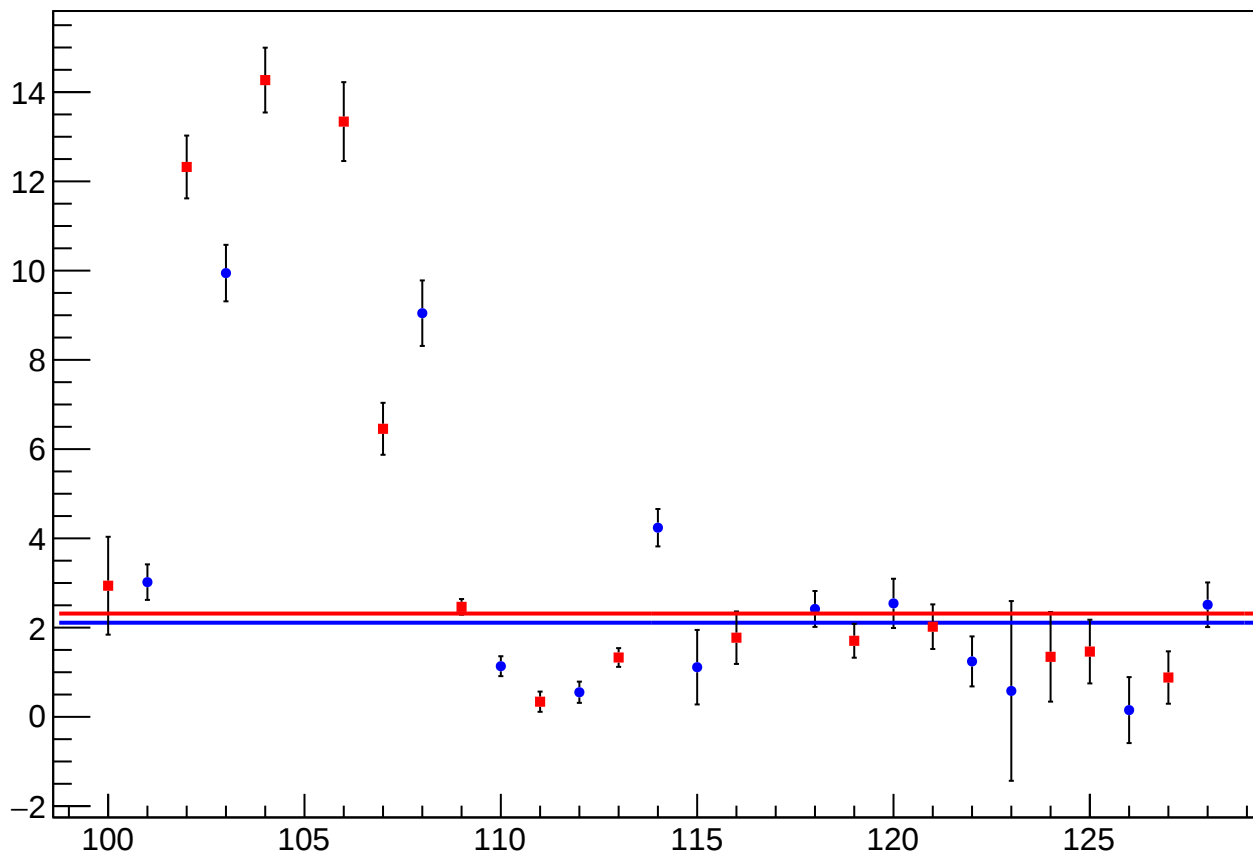
Right: 0.237+/-0.003 χ^2/NDF : 852.6/26

In: 0.235+/-0.005 χ^2/NDF : 396.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.237+/-0.003 χ^2/NDF : 852.6/26

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 2.110+/-0.116 χ^2/NDF : 348.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2.315+/-0.098 χ^2/NDF : 790.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

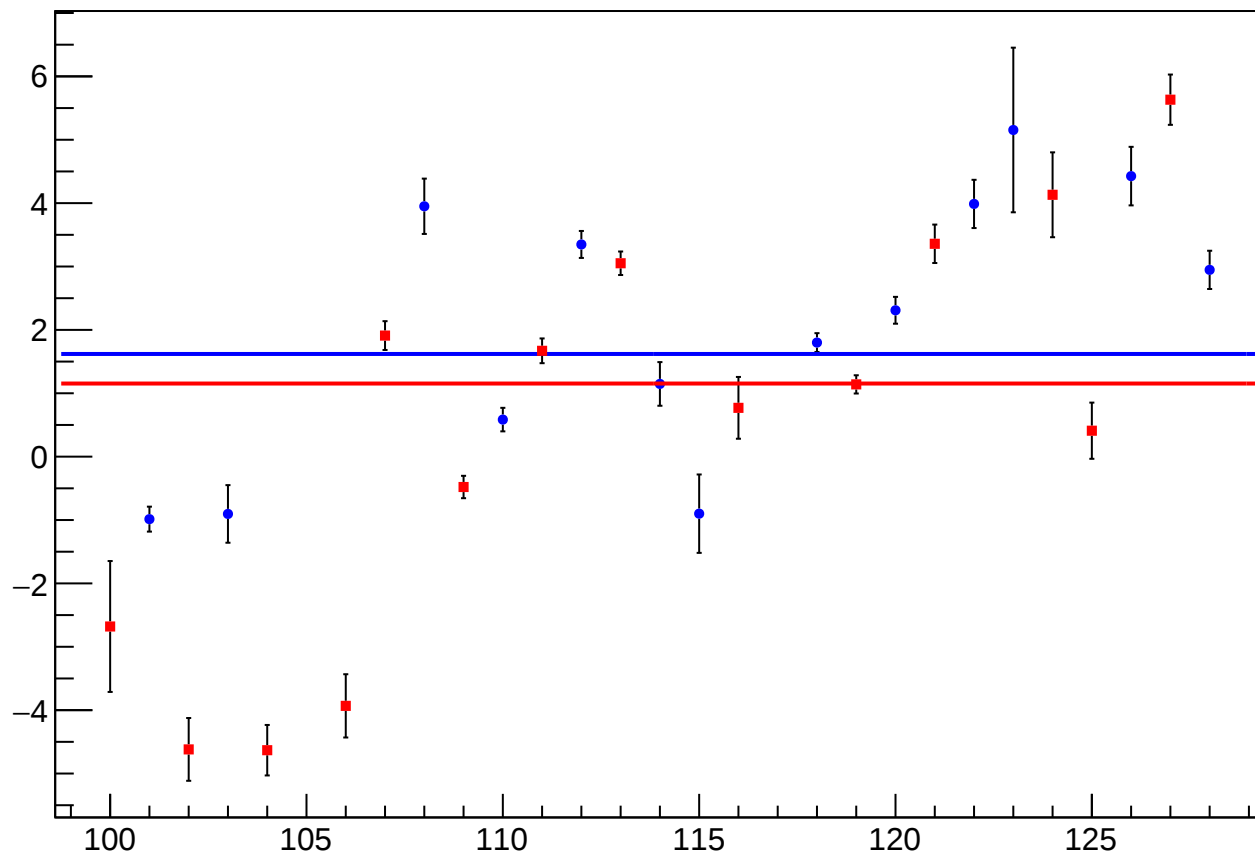
Right: 2.229+/-0.075 χ^2/NDF : 1141.1/26

In: 2.110+/-0.116 χ^2/NDF :348.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2.229+/-0.075 χ^2/NDF : 1141.1/26

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.620 $\pm$ 0.073 χ^2 /NDF: 464.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.154 $\pm$ 0.071 χ^2 /NDF: 876.1/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

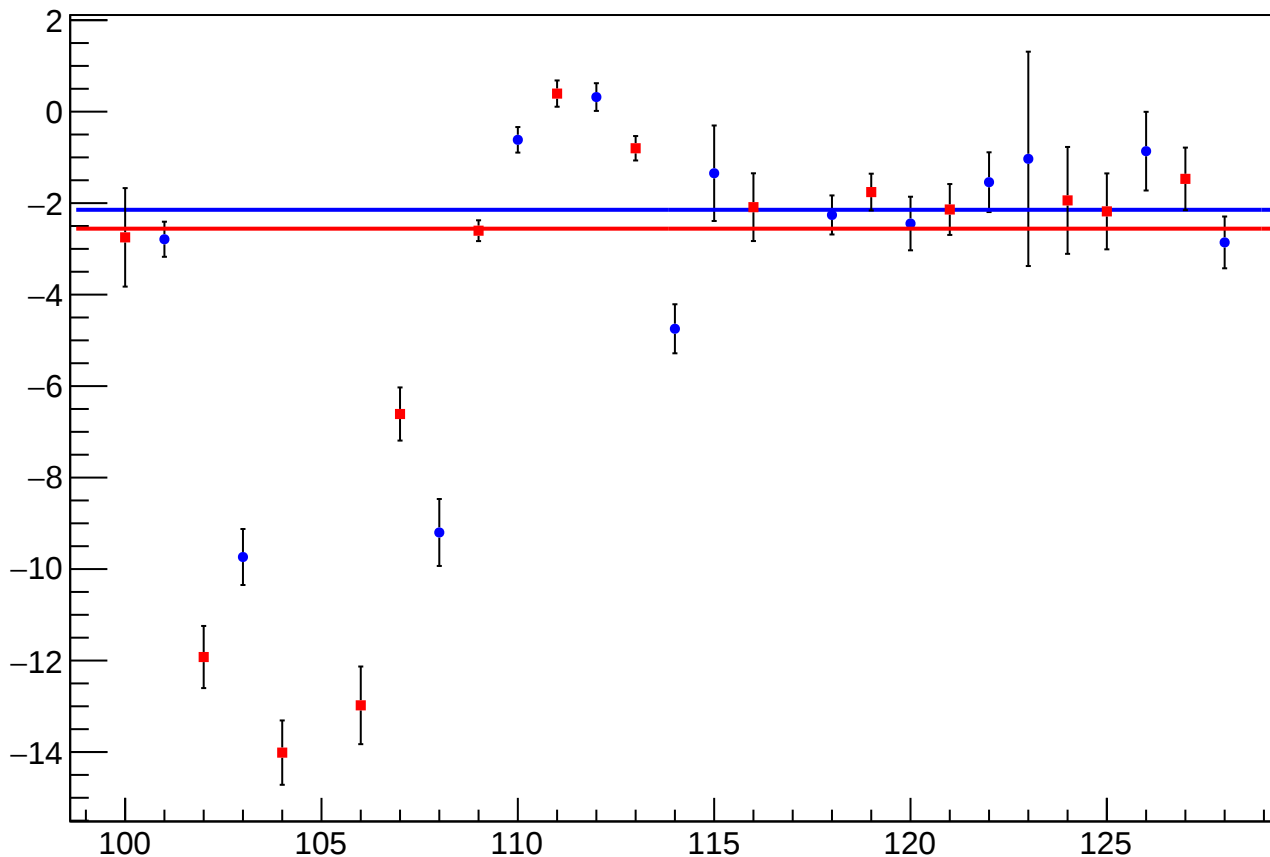
Right: 1.381 $\pm$ 0.051 χ^2 /NDF: 1361.7/26

In: 1.620 $\pm$ 0.073 χ^2 /NDF:464.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.381 $\pm$ 0.051 χ^2 /NDF: 1361.7/26

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.146+/-0.135 χ^2/NDF : 375.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.558+/-0.119 χ^2/NDF : 811.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

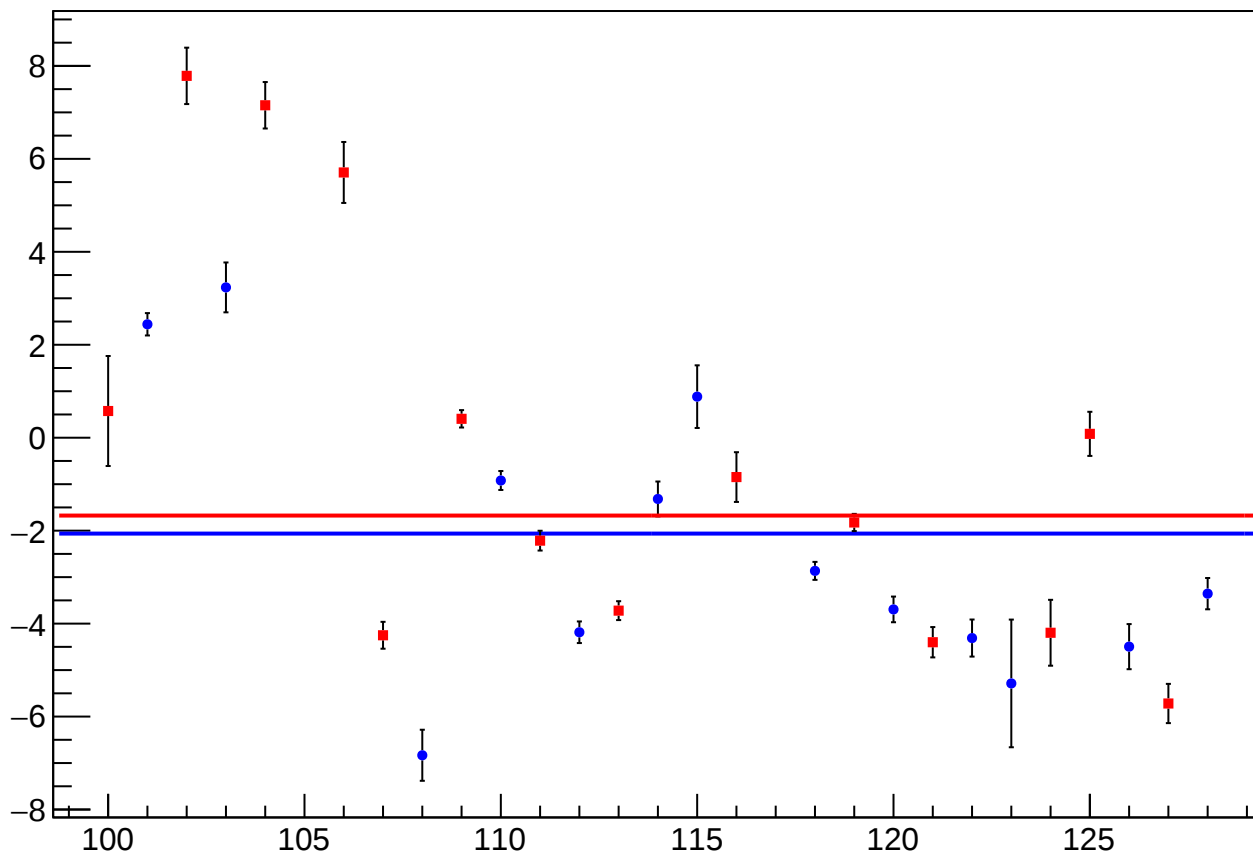
Right: -2.378+/-0.089 χ^2/NDF : 1192.1/26

In: -2.146+/-0.135 χ^2/NDF : 375.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.378+/-0.089 χ^2/NDF : 1192.1/26

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.063 ± 0.086 χ^2/NDF : 790.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.675 ± 0.081 χ^2/NDF : 1187.1/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

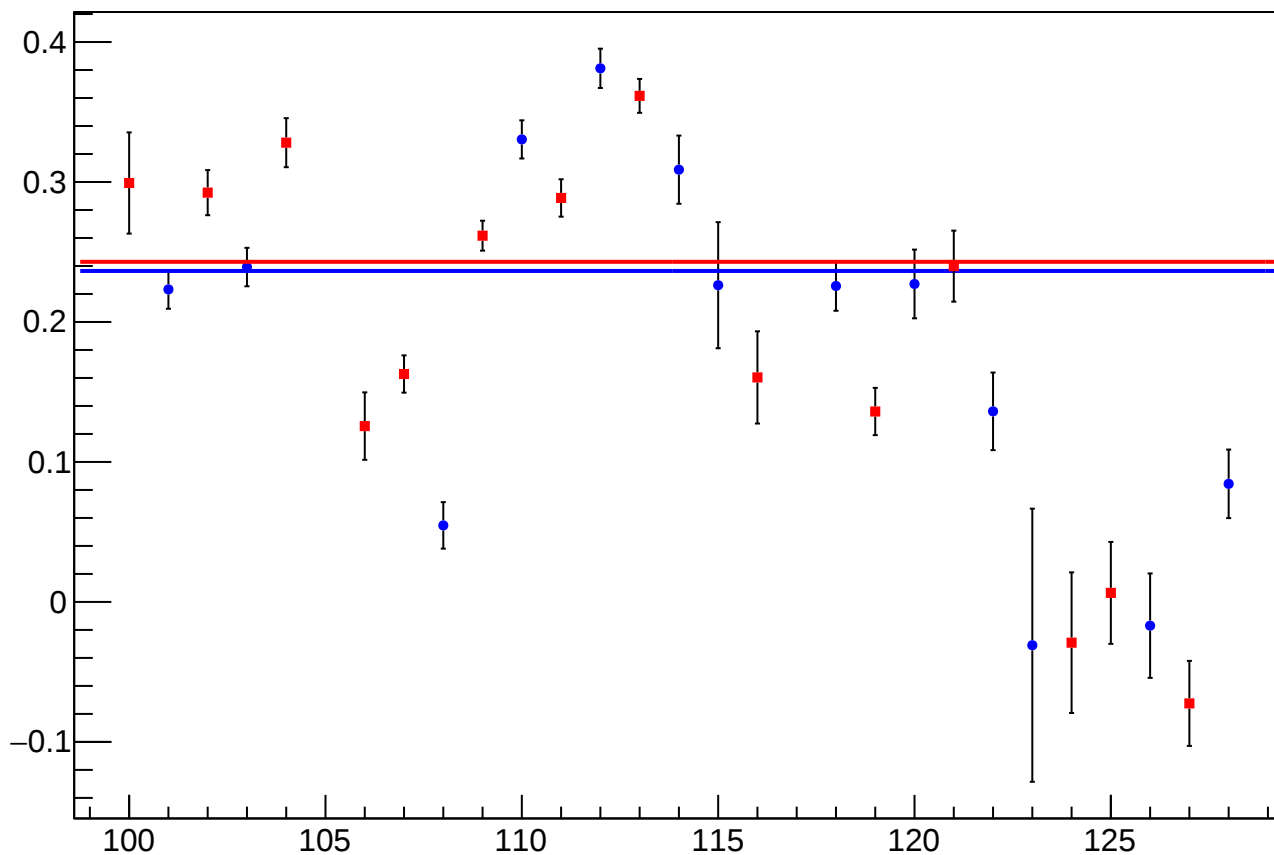
Right: -1.859 ± 0.059 χ^2/NDF : 1988.2/26

In: -2.063 ± 0.086 χ^2/NDF : 790.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.859 ± 0.059 χ^2/NDF : 1988.2/26

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.236 $\pm$ 0.005 χ^2 /NDF: 389.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.243 $\pm$ 0.005 χ^2 /NDF: 431.9/13

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

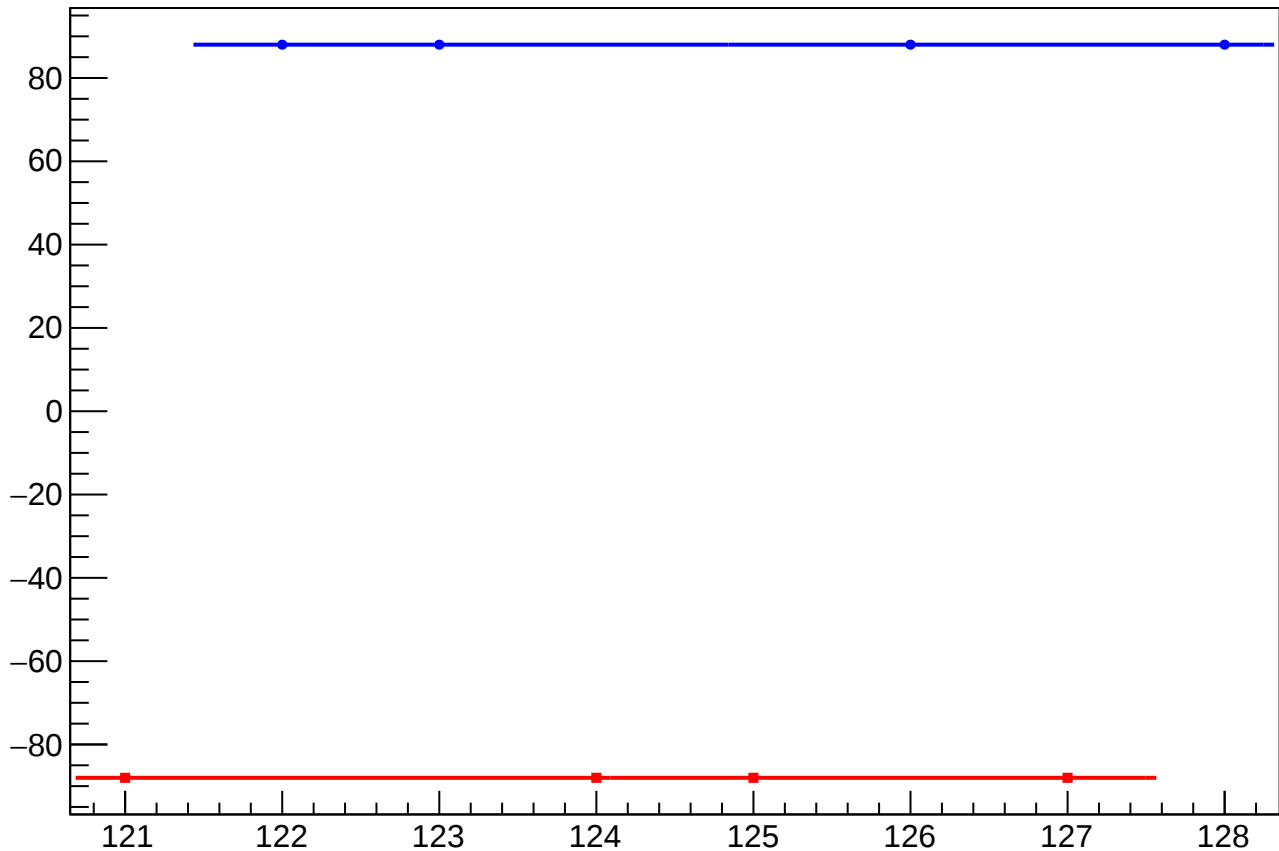
Right: 0.240 $\pm$ 0.004 χ^2 /NDF: 821.9/26

In: 0.236 $\pm$ 0.005 χ^2 /NDF:389.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.240 $\pm$ 0.004 χ^2 /NDF: 821.9/26

VWienAngle_mean vs Slug, Sign Corrected



Right In: 88.001 $\pm$ 0.000 χ^2 /NDF: 299085.6/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -88.001 $\pm$ 0.000 χ^2 /NDF: 53112.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

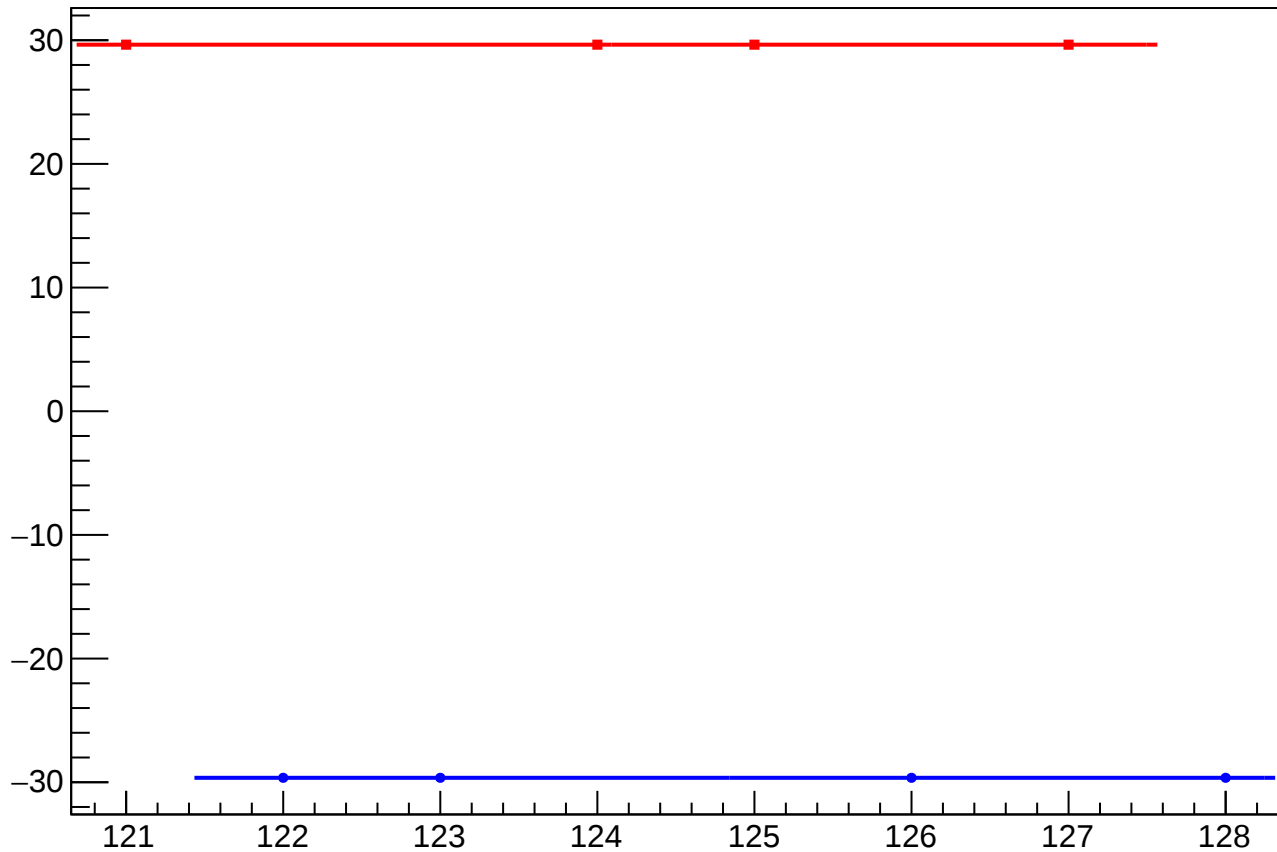
Right: 2.647 $\pm$ 0.000 χ^2 /NDF: 20580736698118395

In: 88.001 $\pm$ 0.000 χ^2 /NDF:299085.6/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.647 $\pm$ 0.000 χ^2 /NDF: 20580736698118395

HWienAngle_mean vs Slug, Sign Corrected



Right In: -29.641+/-0.000 χ^2/NDF : 44946.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.641+/-0.000 χ^2/NDF : 6083.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

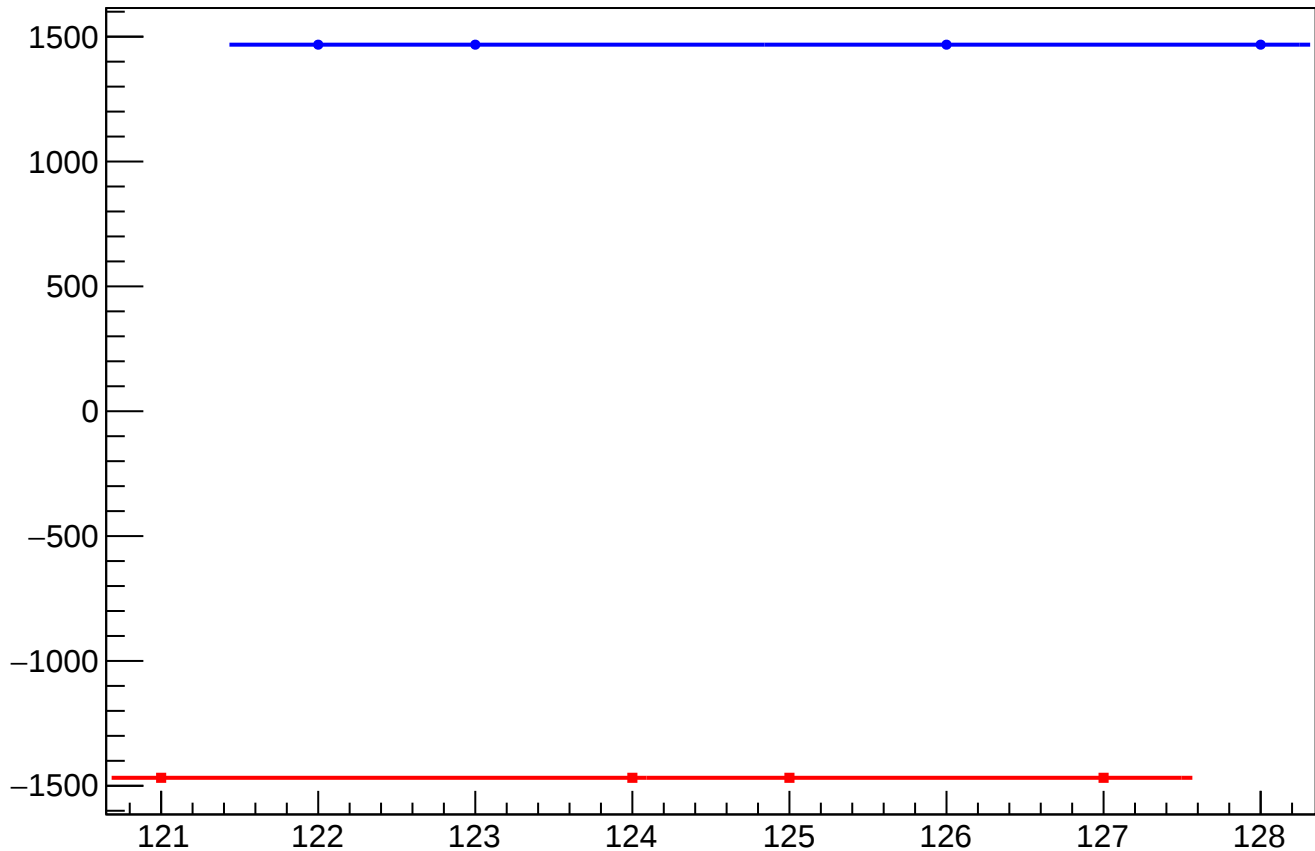
Right: -0.891+/-0.000 χ^2/NDF : 2334885753724586

In: -29.641+/-0.000 χ^2/NDF : 44946.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.891+/-0.000 χ^2/NDF : 2334885753724

psub_pl_pos_mean vs Slug, Sign Corrected



Right In: 1467.979+/-0.000 χ^2/NDF : 90007590.4/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1467.979+/-0.000 χ^2/NDF : 47459487.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

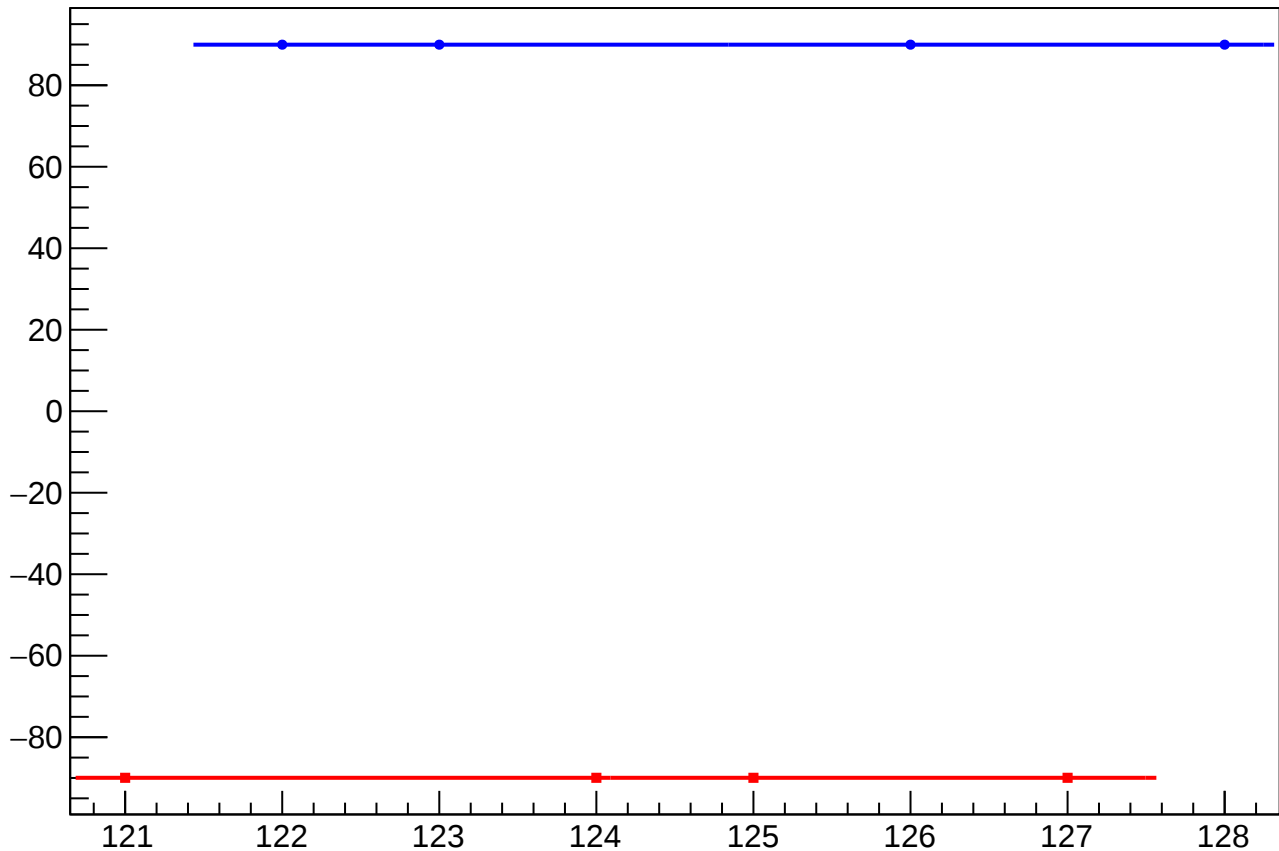
Right: 44.150+/-0.000 χ^2/NDF : 5727017280799350

In: 1467.979+/-0.000 χ^2/NDF : 90007590.4/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.150+/-0.000 χ^2/NDF : 5727017280799350

Phi_FG_mean vs Slug, Sign Corrected



Right In: 89.959+/-0.000 χ^2/NDF : 589083.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -89.959+/-0.000 χ^2/NDF : 157317.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

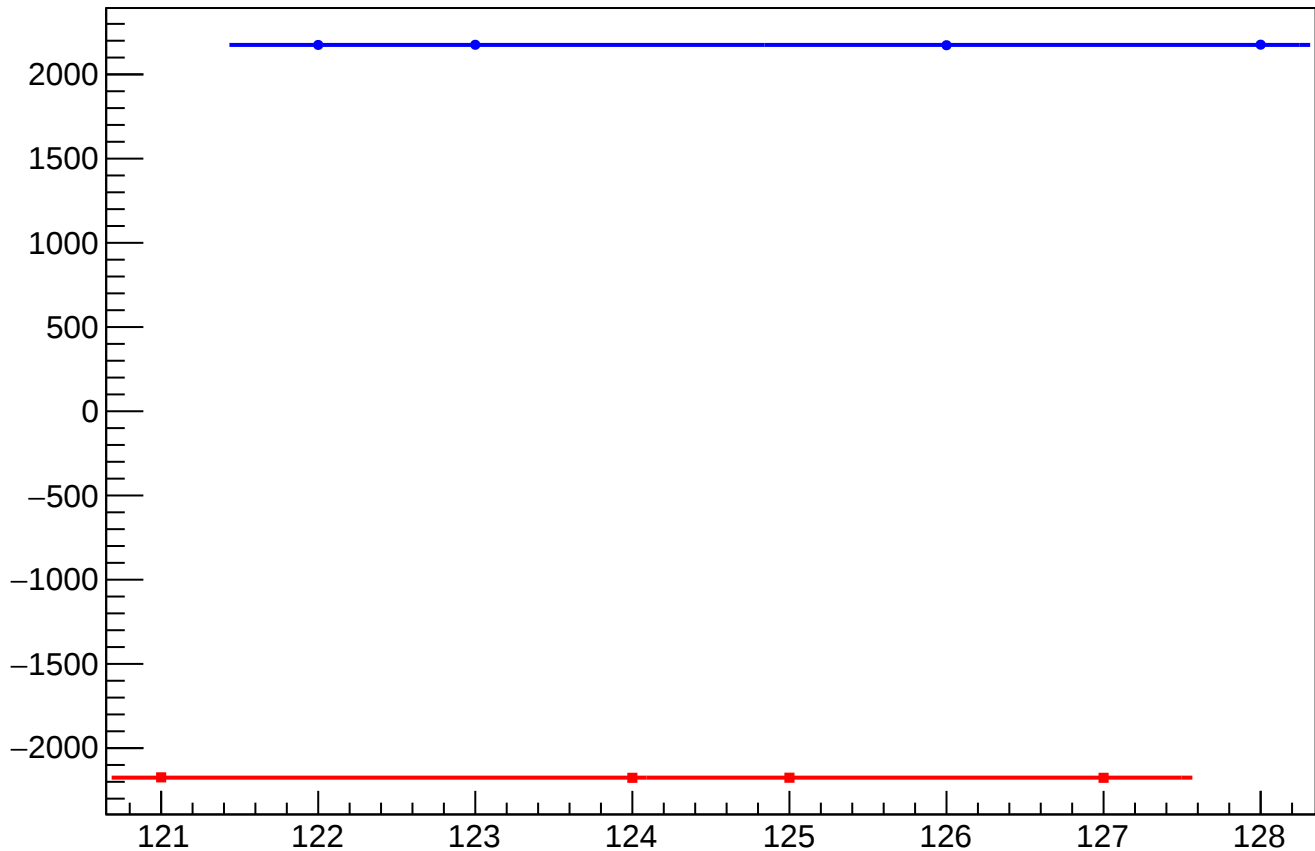
Right: 2.706+/-0.000 χ^2/NDF : 21507044652718917

In: 89.959+/-0.000 χ^2/NDF : 589083.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

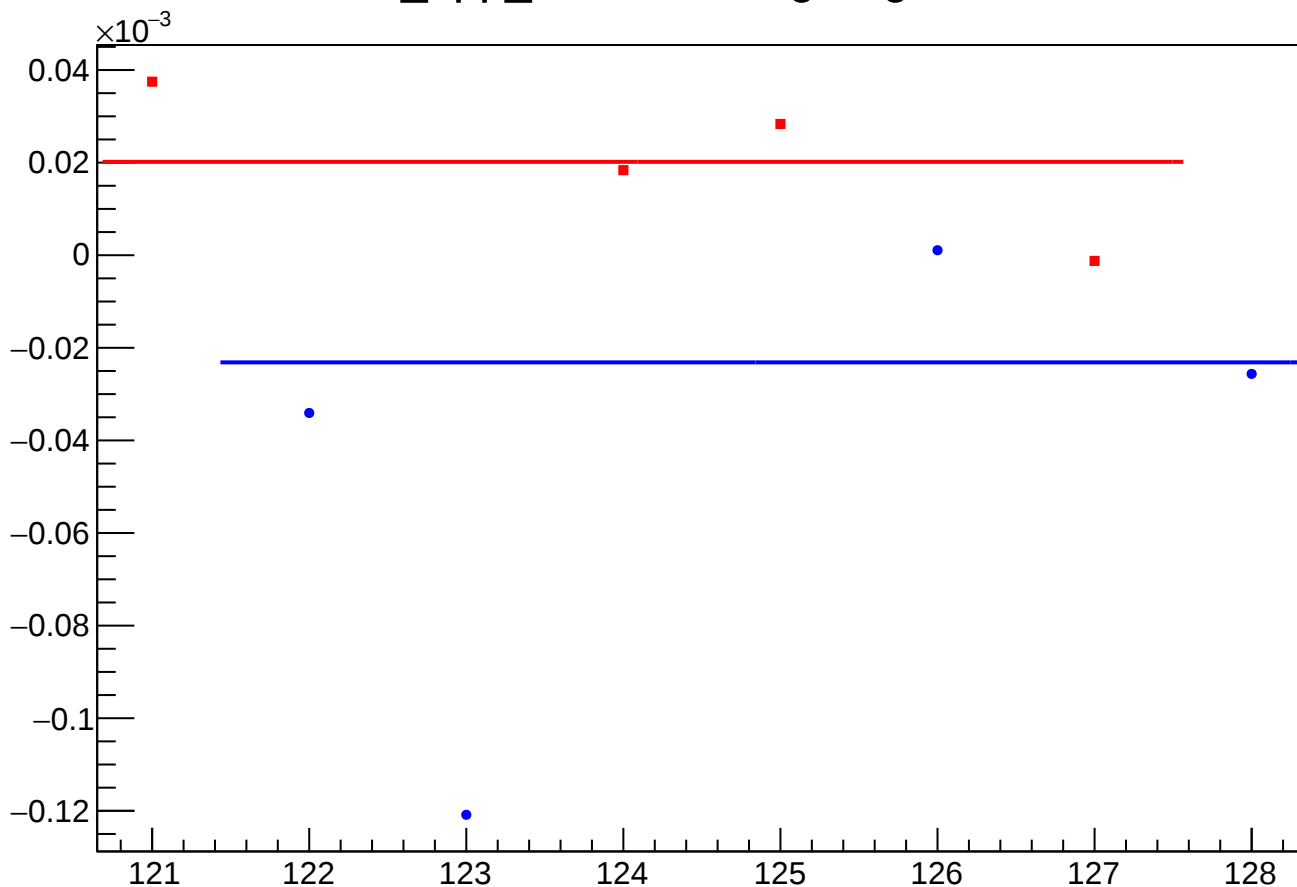
All: 2.706+/-0.000 χ^2/NDF : 21507044652718

HALLA_p_mean vs Slug, Sign Corrected



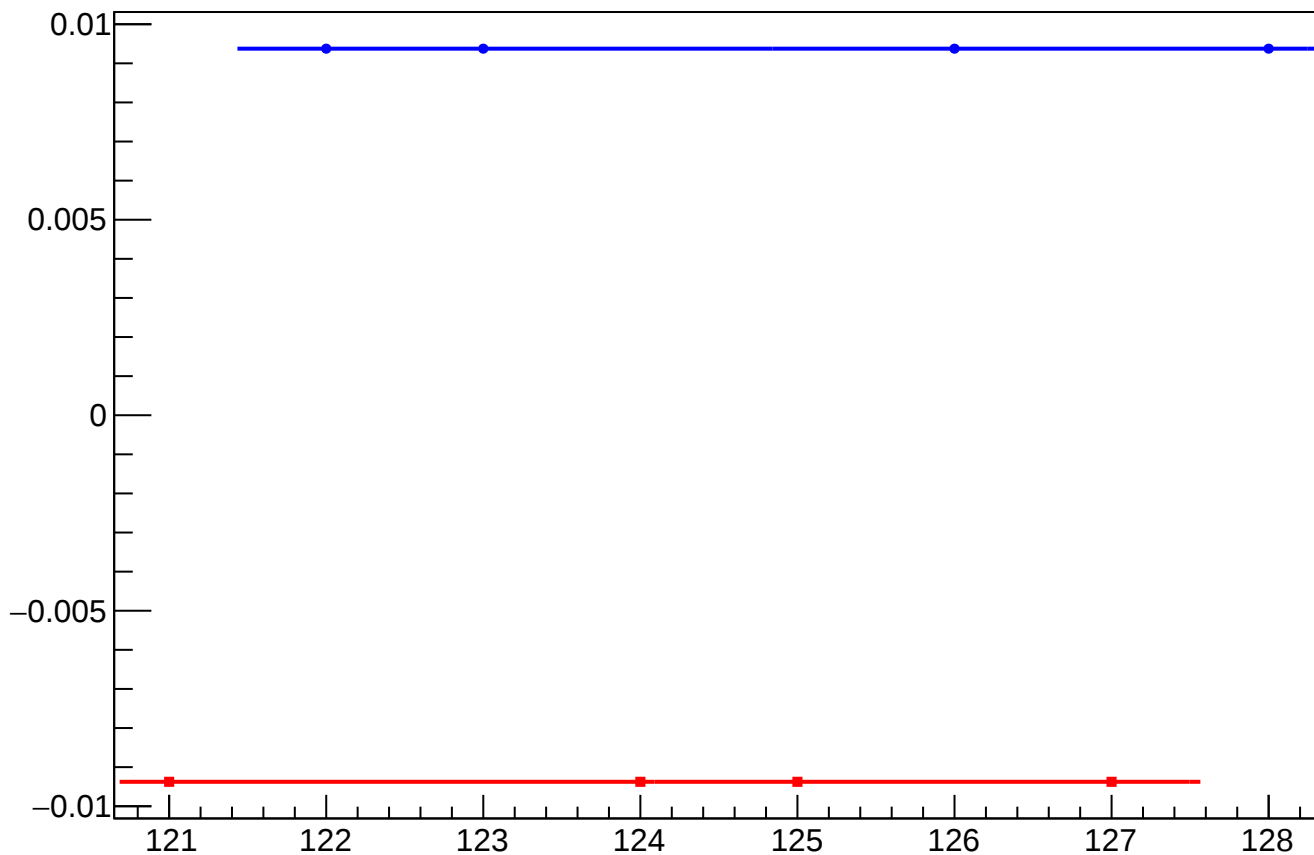
Right In: 2175.068 $\pm$ 0.000 χ^2 /NDF: 248022507907188445237602315927552.0/3
Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Right: 65.321 $\pm$ 0.000 χ^2 /NDF: 1257399083849047
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
In: 2175.068 $\pm$ 0.000 χ^2 /NDF: 248022507907188445237602315927552.0/3
Right Out: -2175.262 $\pm$ 0.000 χ^2 /NDF: 168876933246632111508239524298752.0/3
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: 65.321 $\pm$ 0.000 χ^2 /NDF: 1257399083849

HALLA_dpp_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 66877455456585446850560.0/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 33634807106728661876736.0/3
 Left 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 : 2251239192714218
 In: -0.000+/-0.000 χ^2/NDF : 668774554565854468
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 2251239192714

MQ171LM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

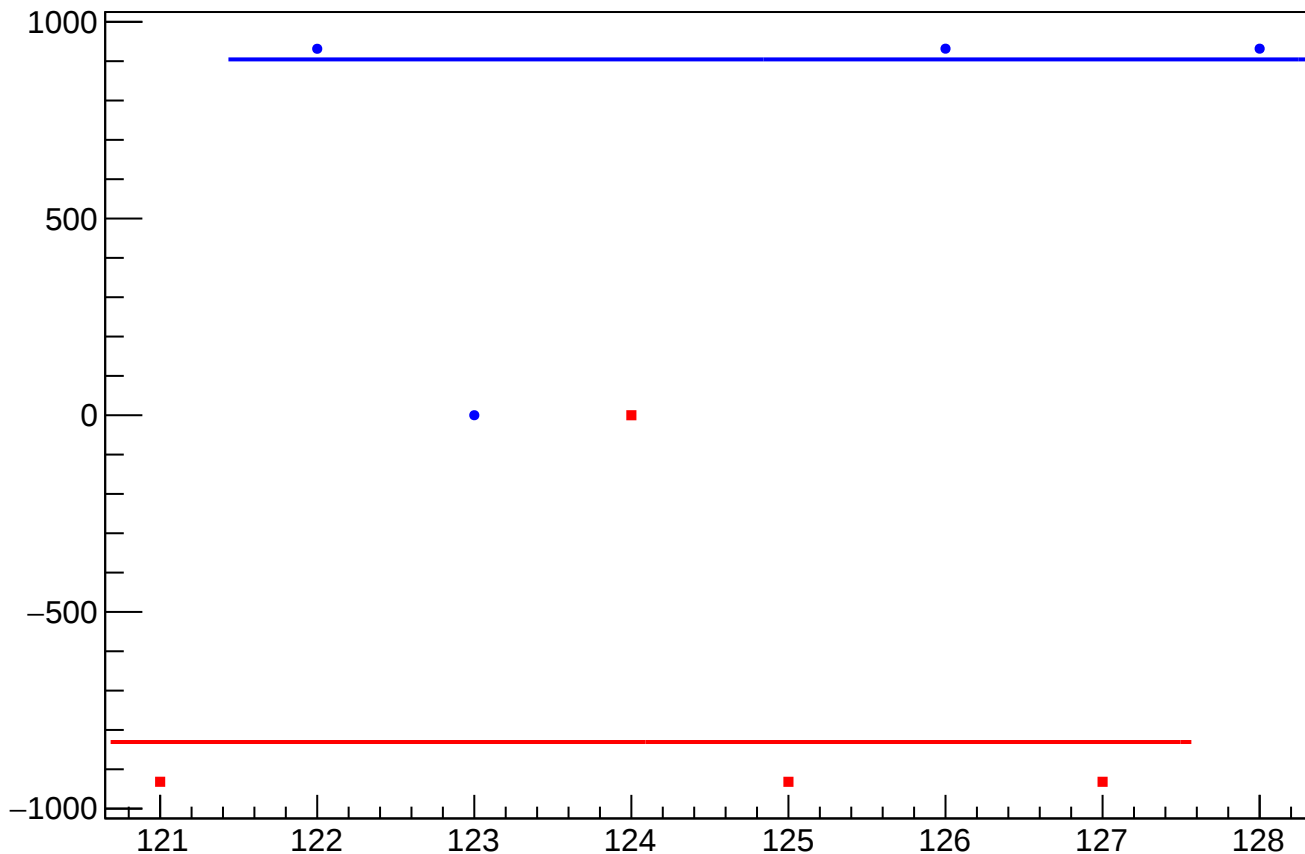
Right: 0.000+/-0.000 χ^2/NDF : 23357759633458631

In: 0.009+/-0.000 χ^2/NDF : 0.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

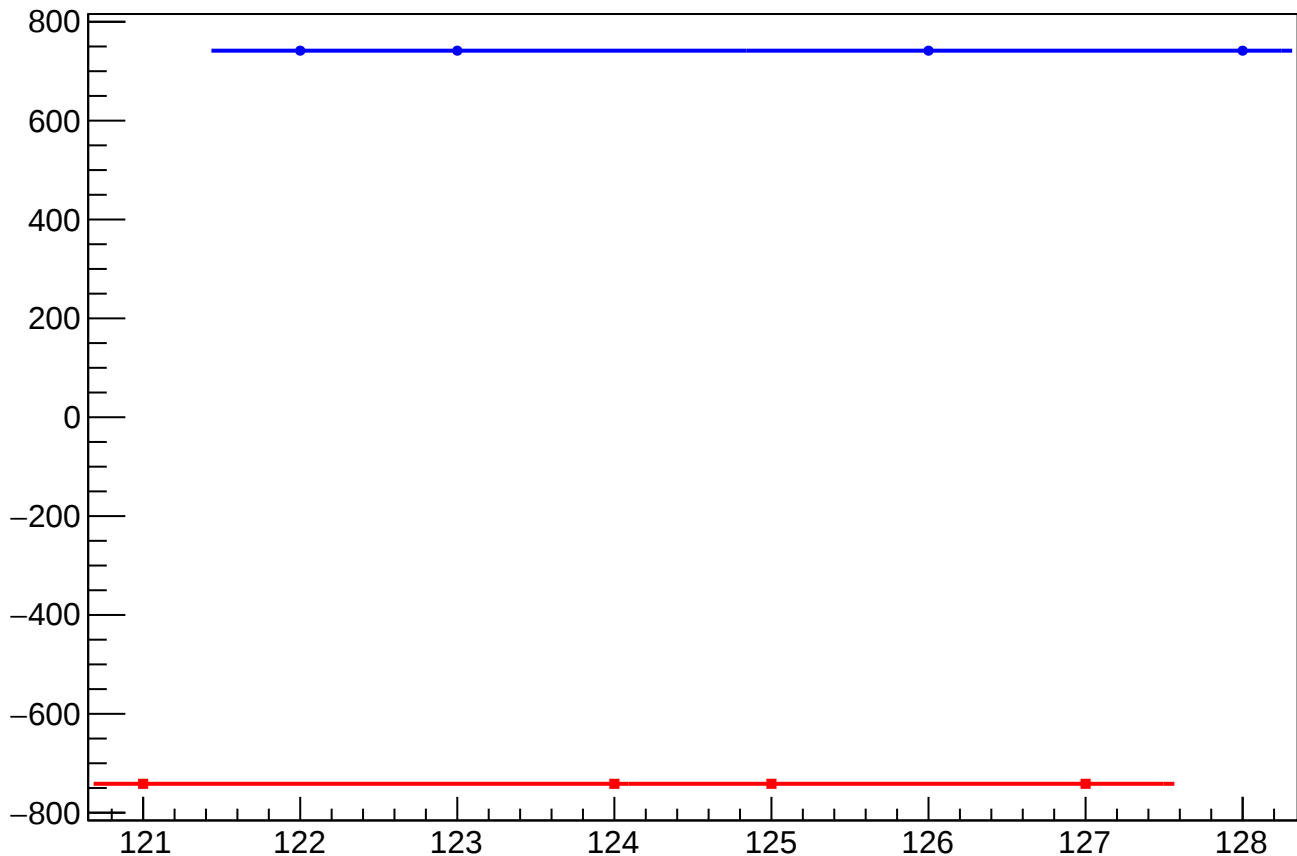
All: 0.000+/-0.000 χ^2/NDF : 23357759633458631

HacL_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



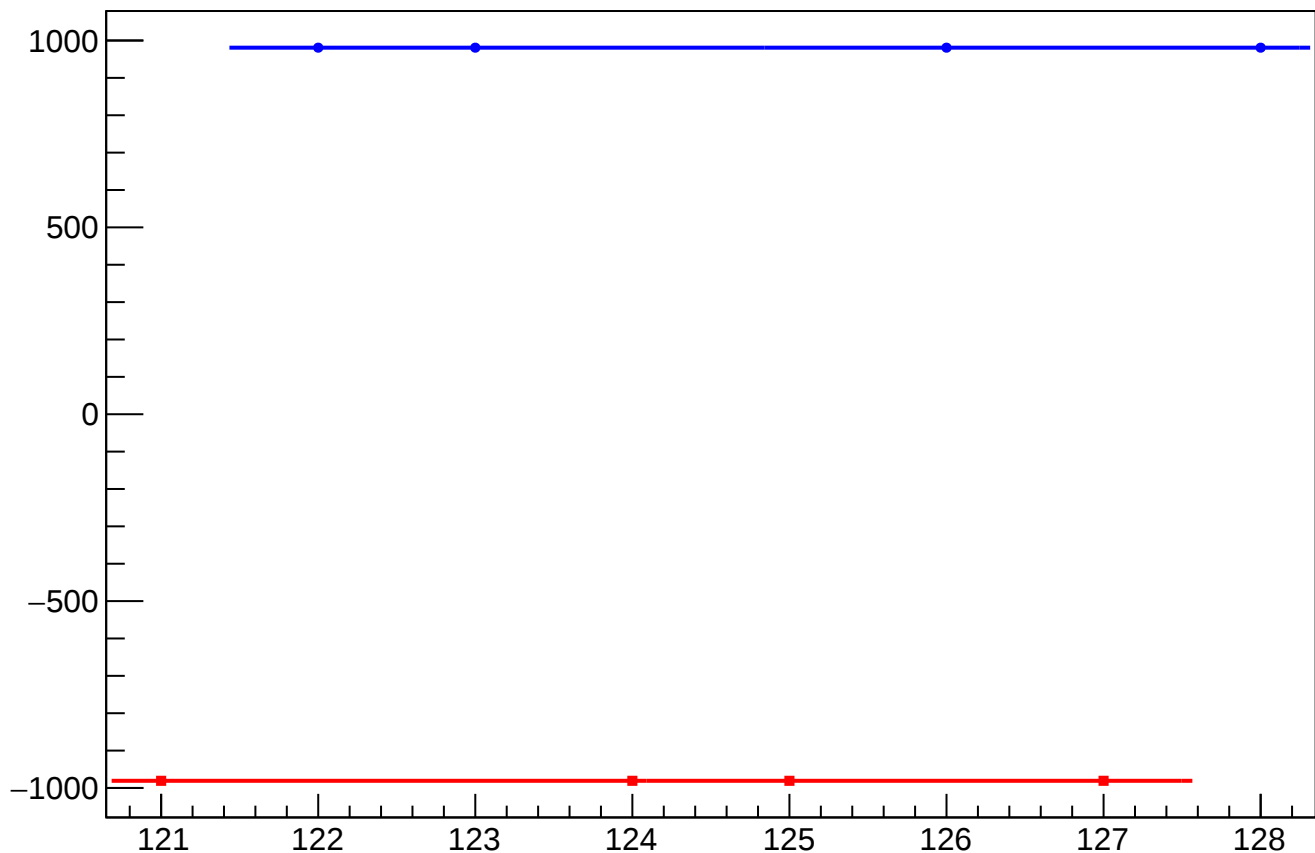
Right In: 904.516+/-0.000 χ^2/NDF : 3370789267886579795872544958174986240.0/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -830.657+/-0.000 χ^2/NDF : 10835038872393453593643849203226509312.0/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 63.022+/-0.000 χ^2/NDF : 2142445957252441

HacL_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



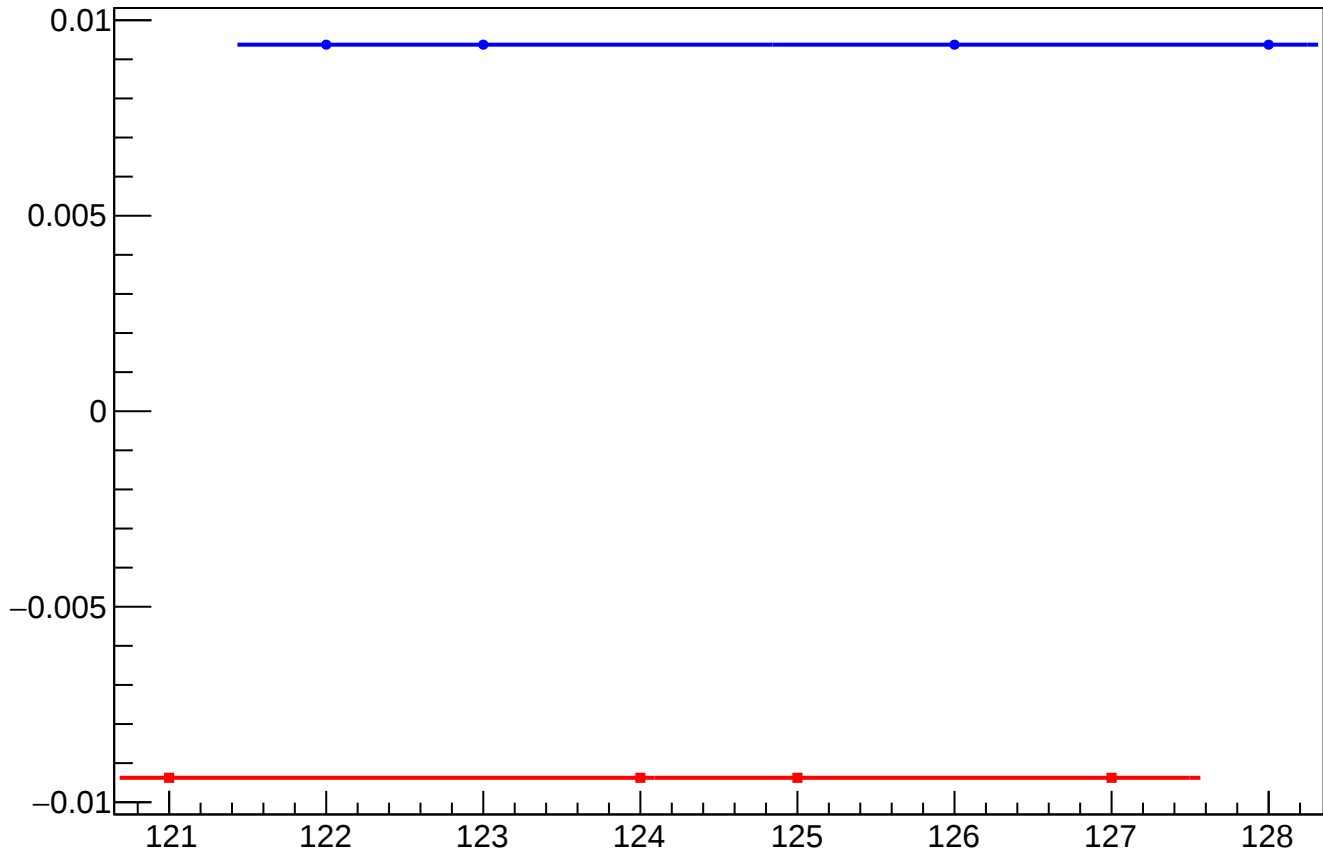
Right In: 741.522 $\pm$ 0.000 χ^2 /NDF: 6619671943688413671130660864.0/3
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -741.529 $\pm$ 0.000 χ^2 /NDF: 7075319554618358050183970816.0/3
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 22.298 $\pm$ 0.000 χ^2 /NDF: 1461304769695990

HacL_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 980.825+/-0.000 χ^2/NDF : 5146780973038394482712641536.0/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -980.829+/-0.000 χ^2/NDF : 2624179607711205873028169728.0/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 29.497+/-0.000 χ^2/NDF : 2556662905411387

MQ172RM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

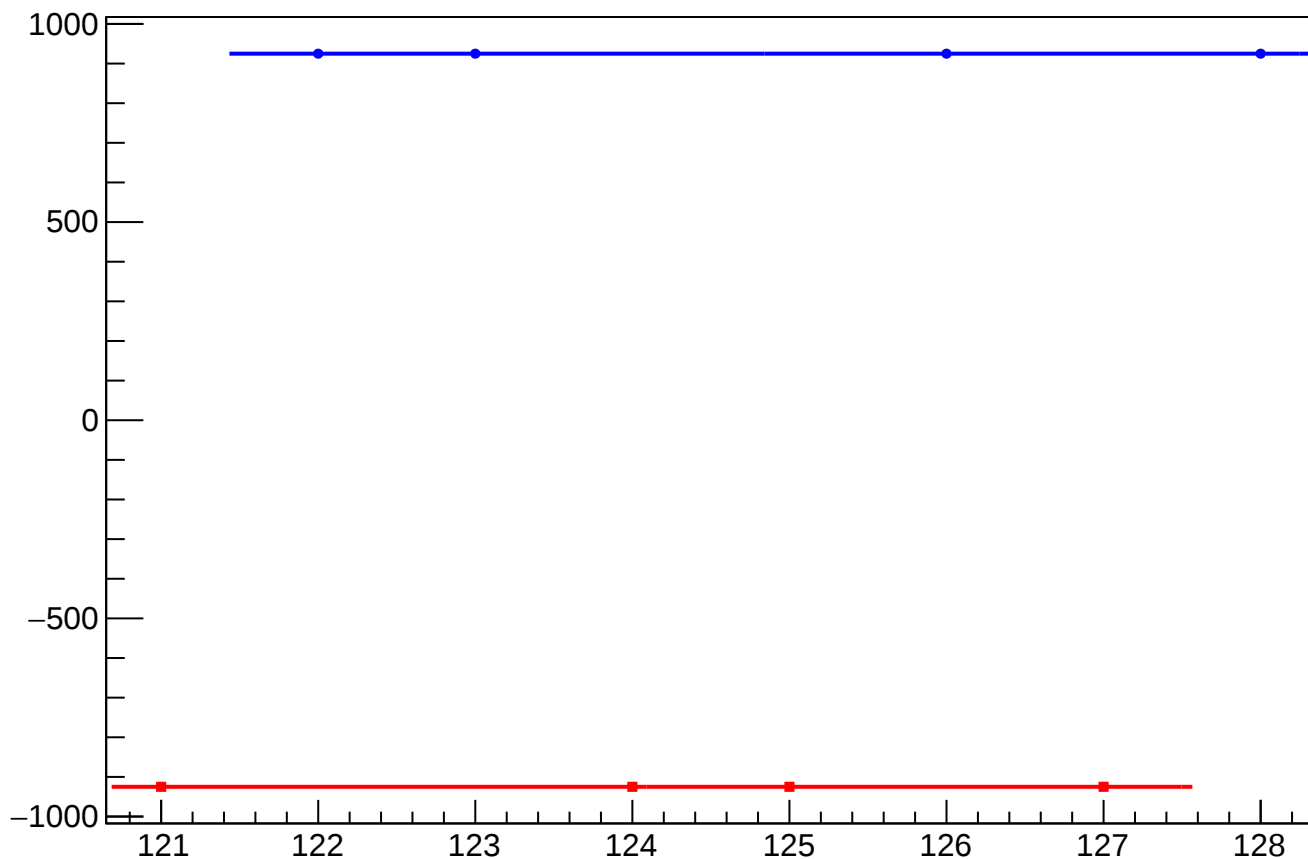
Right: 0.000+/-0.000 χ^2/NDF : 23357759633458631

In: 0.009+/-0.000 χ^2/NDF : 0.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

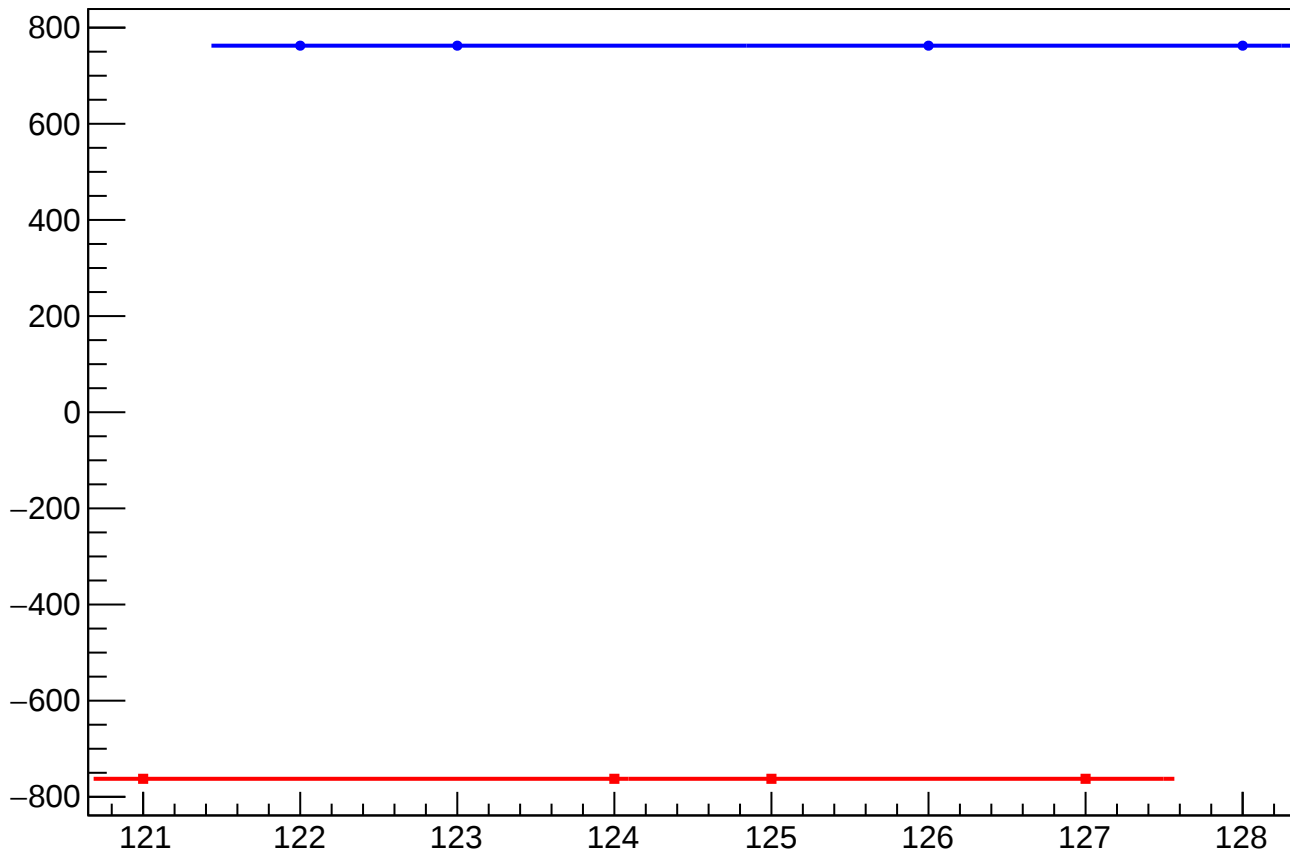
All: 0.000+/-0.000 χ^2/NDF : 23357759633458631

HacR_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



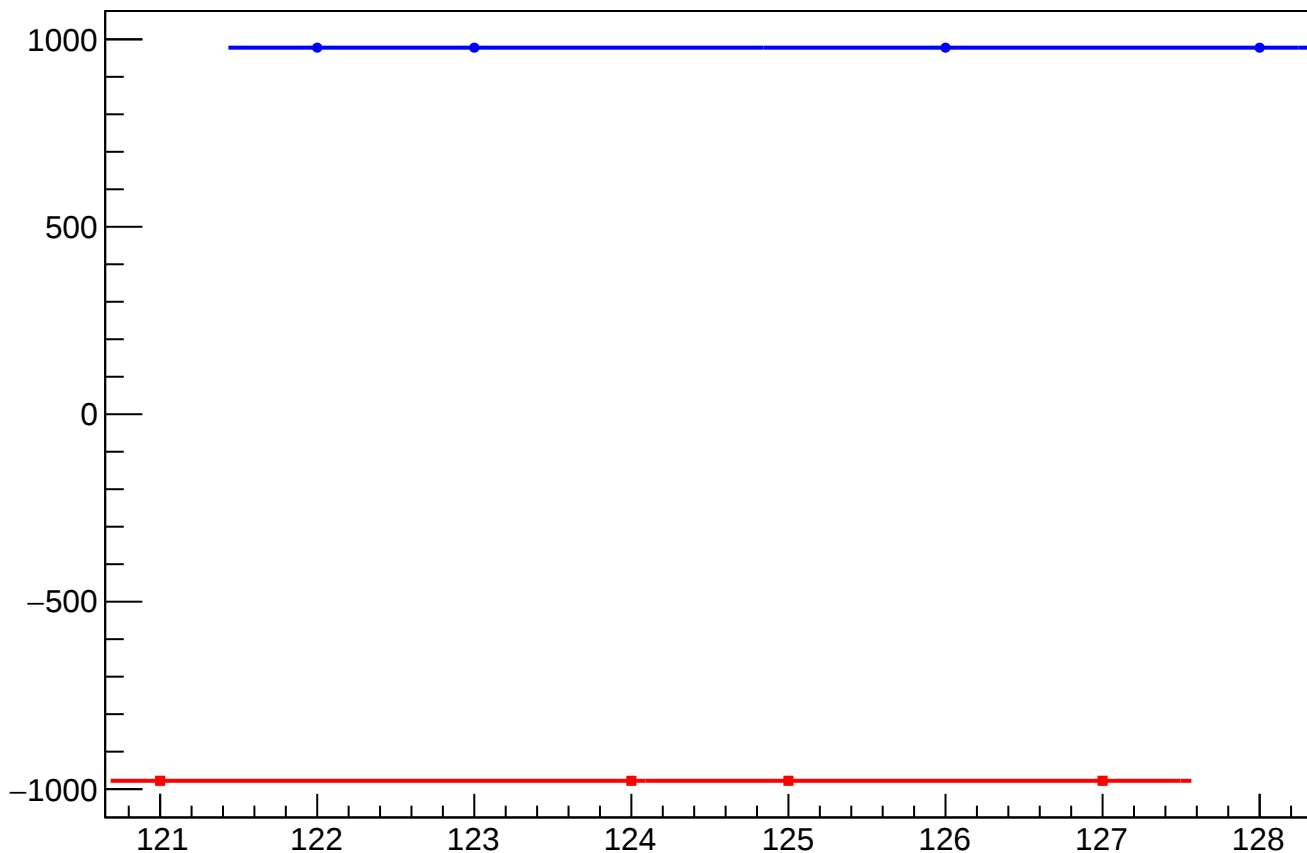
Right In: 924.949+/-0.000 χ^2/NDF : 3043012934718994447901655040.0/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -924.953+/-0.000 χ^2/NDF : 6630334826350701284494934016.0/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 27.816+/-0.000 χ^2/NDF : 2273663418053513

HacR_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



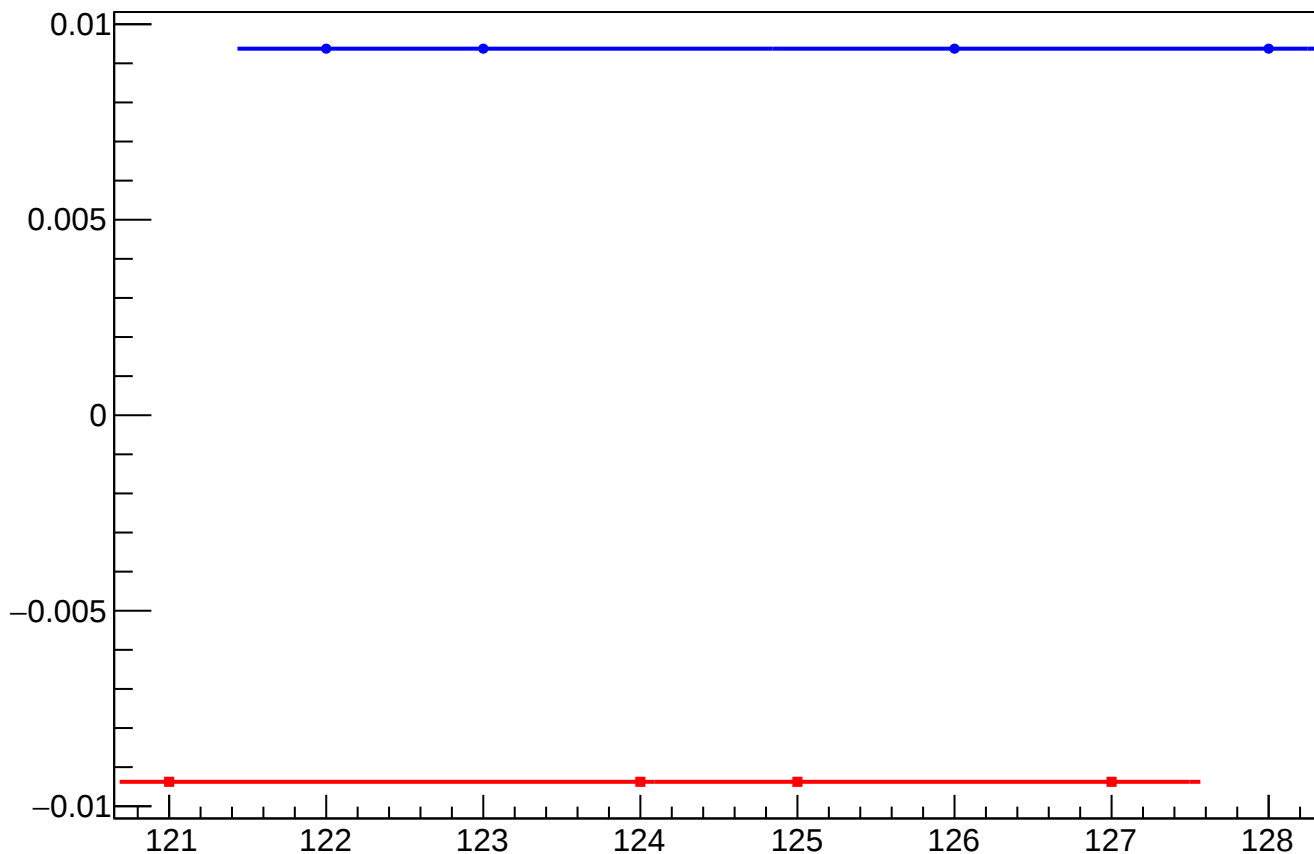
Right In: 762.502 $\pm$ 0.000 χ^2 /NDF: 14084173785533987952787456.0/3
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -762.502 $\pm$ 0.000 χ^2 /NDF: 3863089637468622471299072.0/3
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 22.932 $\pm$ 0.000 χ^2 /NDF: 1545150433236459

HacR_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 977.742+/-0.000 χ^2/NDF : 6315805373597245050437238784.0/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -977.744+/-0.000 χ^2/NDF : 4372762992876423042618621952.0/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 29.405+/-0.000 χ^2/NDF : 2540609803357847

hesDipole_current_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

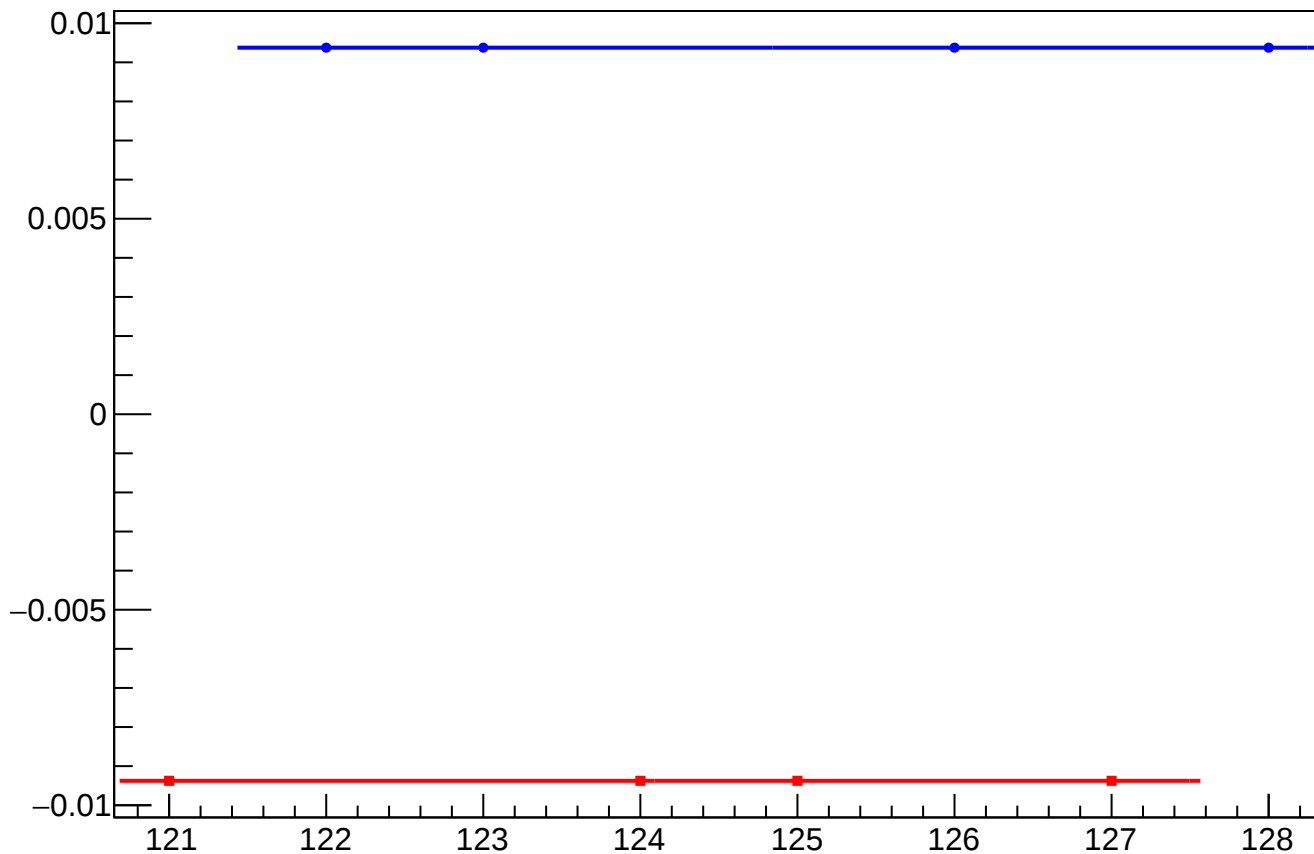
Right: 0.000+/-0.000 χ^2/NDF : 23357759633458631

In: 0.009+/-0.000 χ^2/NDF : 0.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23357759633458631

MSUPERBIGBITereadcalc_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

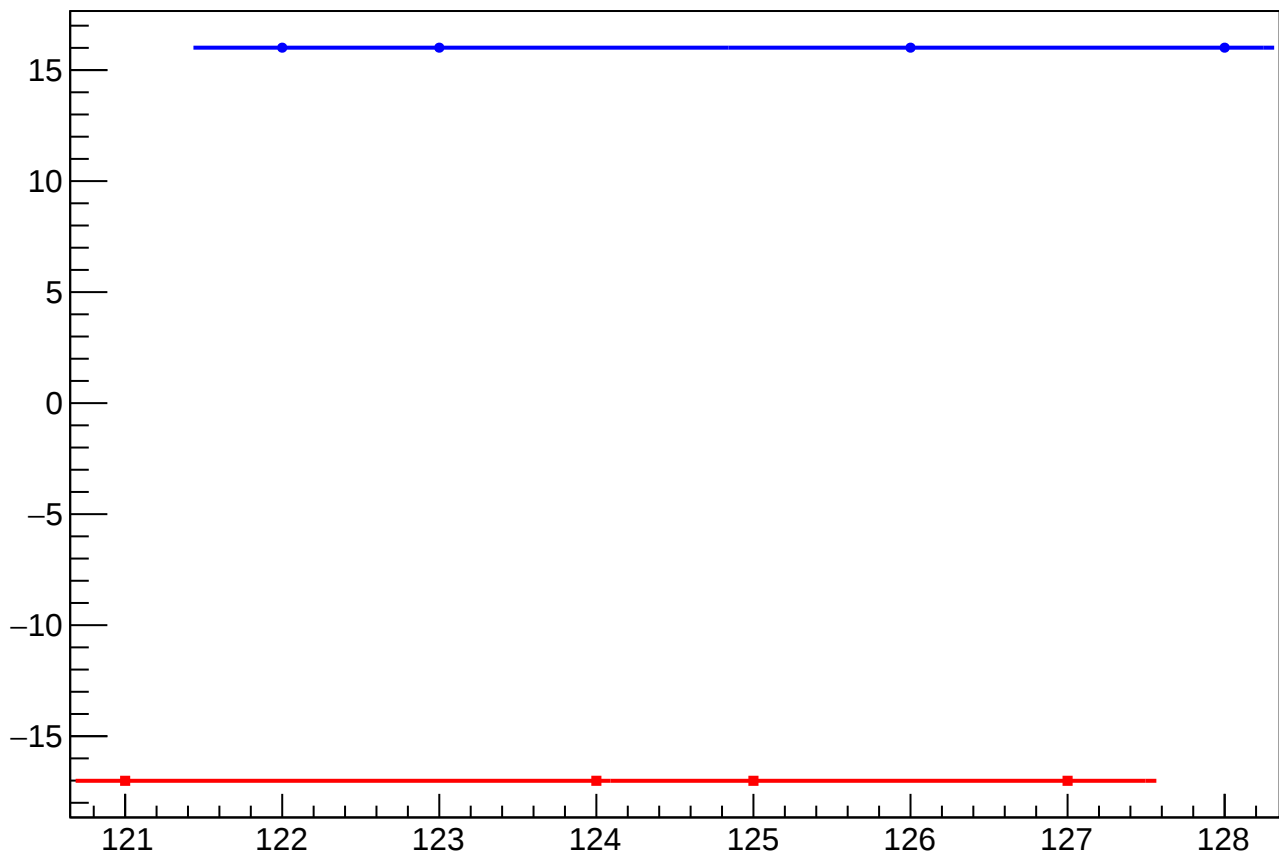
Right: 0.000+/-0.000 χ^2/NDF : 23357759633458631

In: 0.009+/-0.000 χ^2/NDF : 0.0/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23357759633458631

IGL1I00DI24_24M_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2/NDF : 10513.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.009+/-0.000 χ^2/NDF : 6058203299868252764635136.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

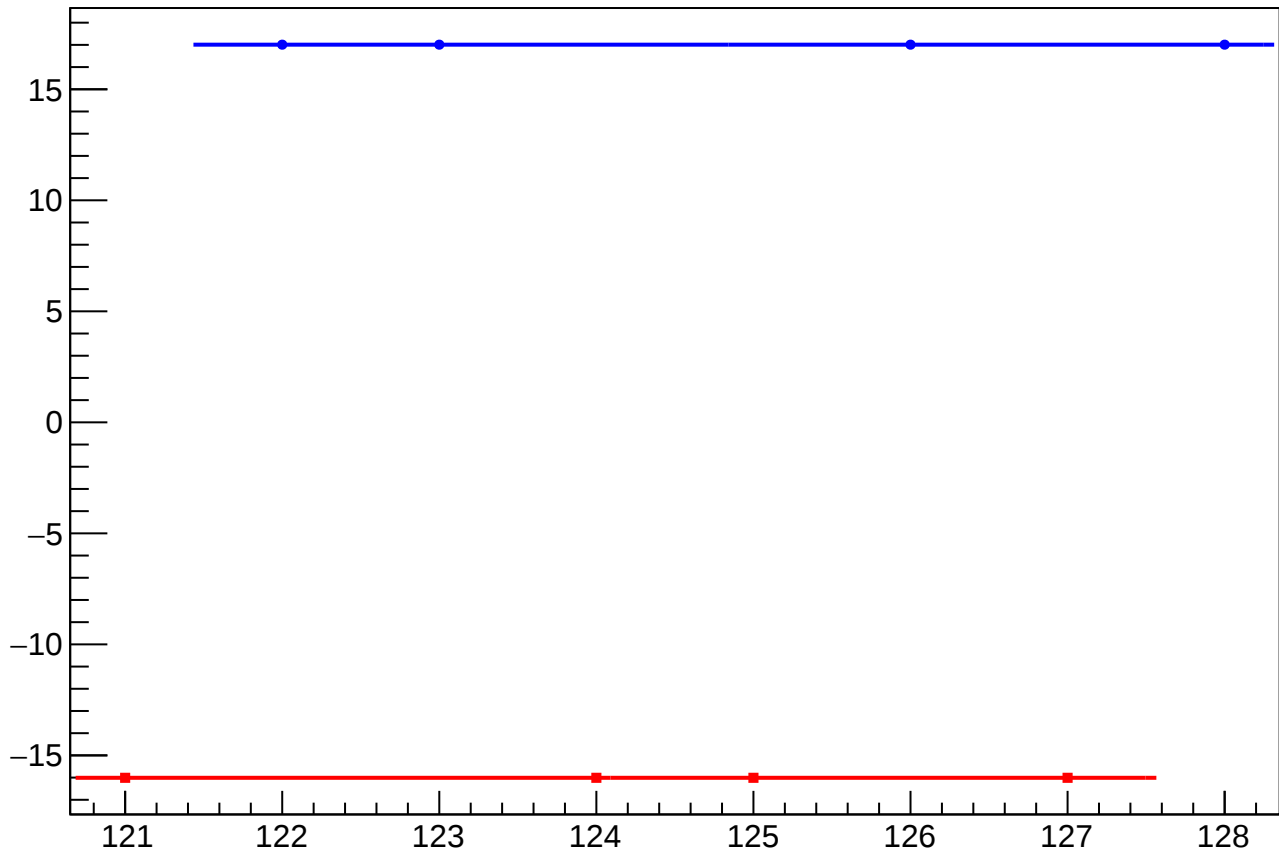
Right: 0.061+/-0.000 χ^2/NDF : 72144306917560795

In: 16.009+/-0.000 χ^2/NDF : 10513.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.061+/-0.000 χ^2/NDF : 72144306917560795

IGL1I00OD16_16_mean vs Slug, Sign Corrected



Right In: 17.009 $\pm$ 0.000 χ^2 /NDF: 8898.4/3

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -16.009 $\pm$ 0.000 χ^2 /NDF: 9150.8/3

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

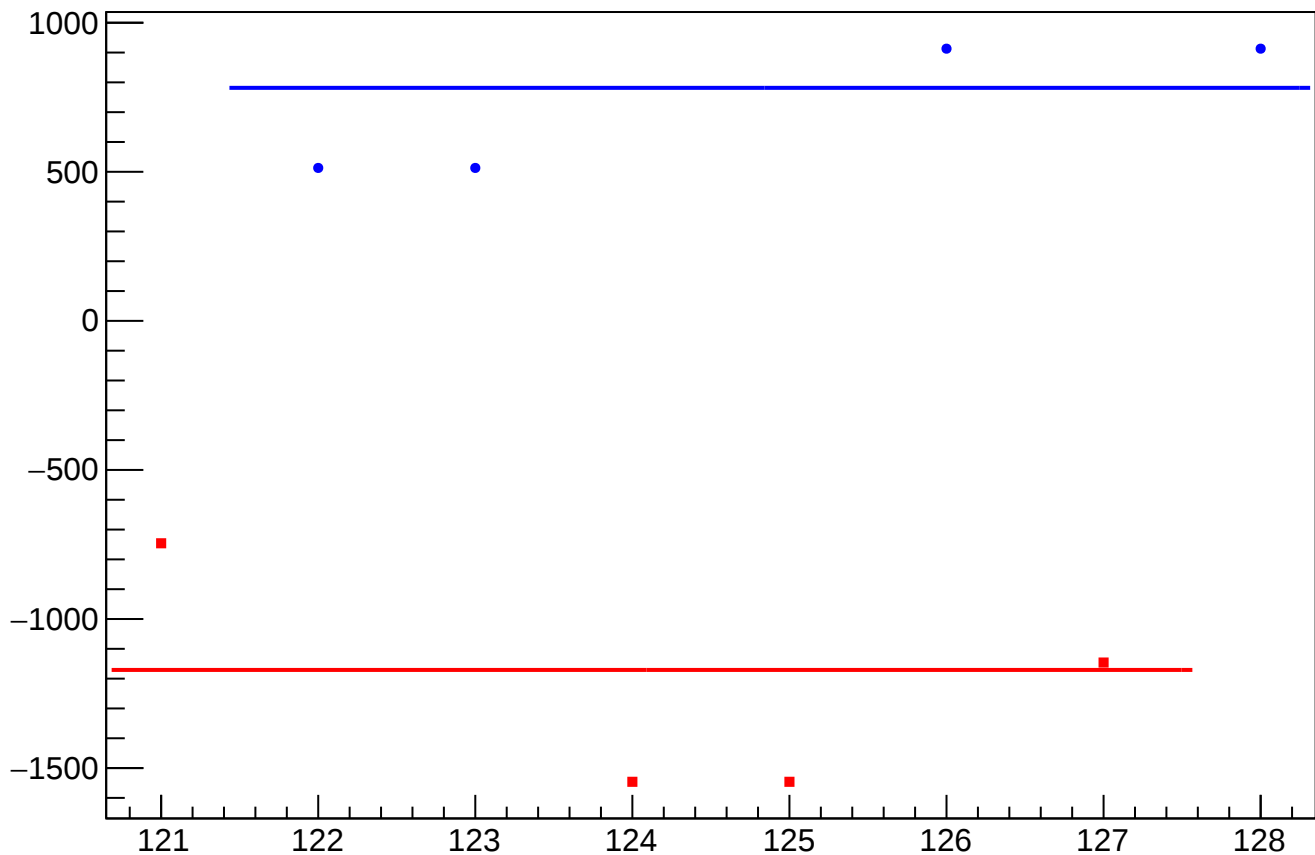
Right: 0.997 $\pm$ 0.000 χ^2 /NDF: 72435238912270995

In: 17.009 $\pm$ 0.000 χ^2 /NDF: 8898.4/3

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

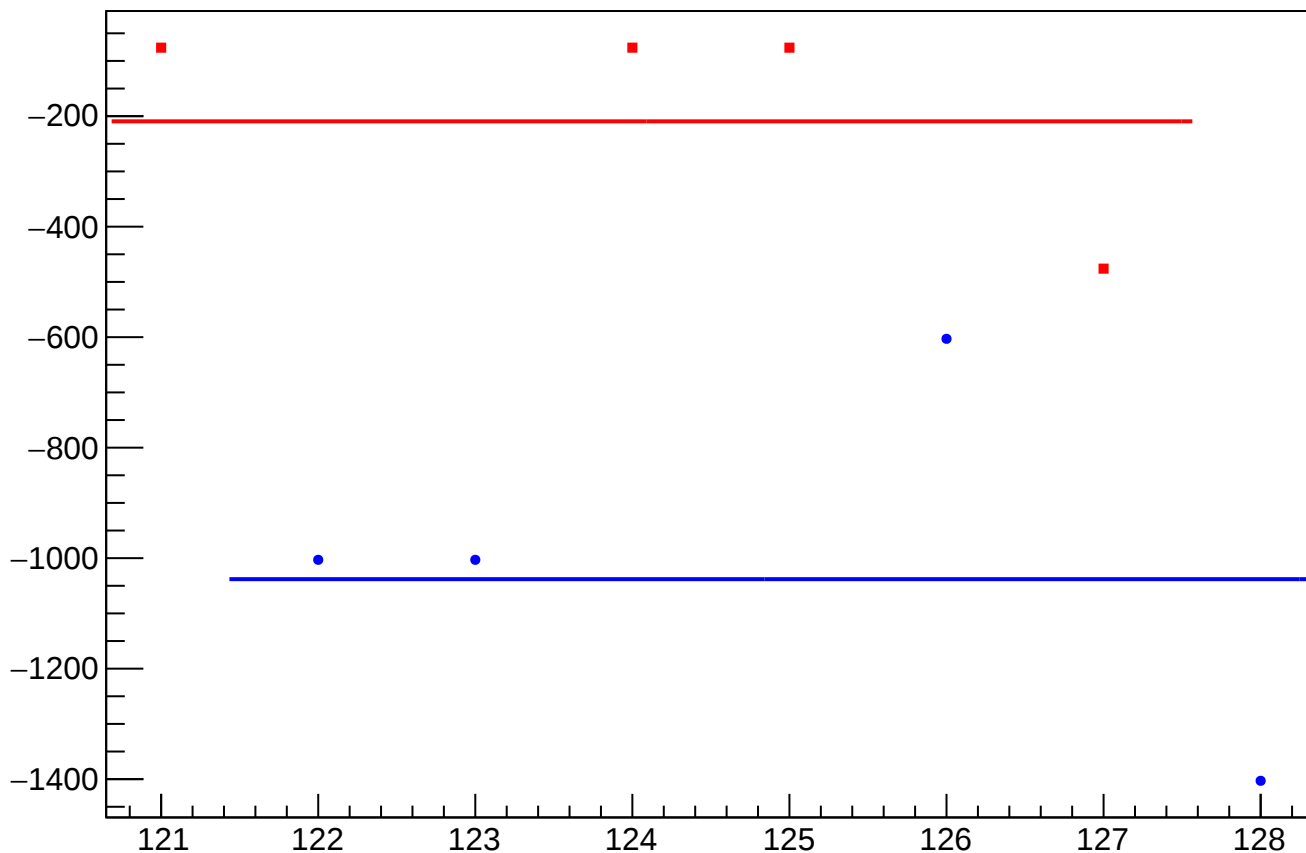
All: 0.997 $\pm$ 0.000 χ^2 /NDF: 72435238912270995

RTPAPOSUCNT_mean vs Slug, Sign Corrected



Right In: 781.604 ± 0.000 χ^2/NDF : 4835036496350366970519256120877383680.0/3
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -1170.812 ± 0.000 χ^2/NDF : 13681314009692153342454451814432505856.0/3
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -165.244 ± 0.000 χ^2/NDF : 27178017548431.0/3

RTPAPOSVCNT_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: -1038.023+/-0.000 χ^2/NDF : 14551451167018069999927839462948601856.0/3
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -636.143+/-0.000 χ^2/NDF : 64763308322447
 In: -1038.023+/-0.000 χ^2/NDF : 145514511670180
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -636.143+/-0.000 χ^2/NDF : 64763308322