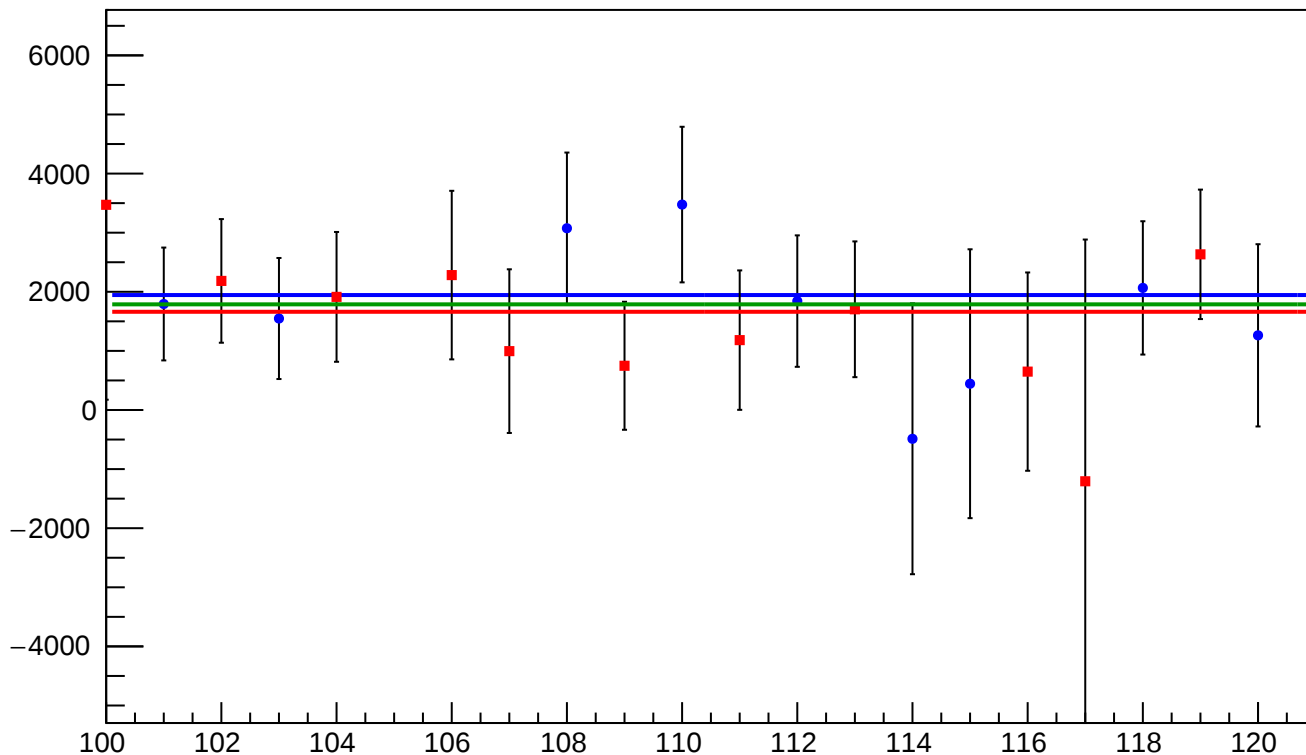


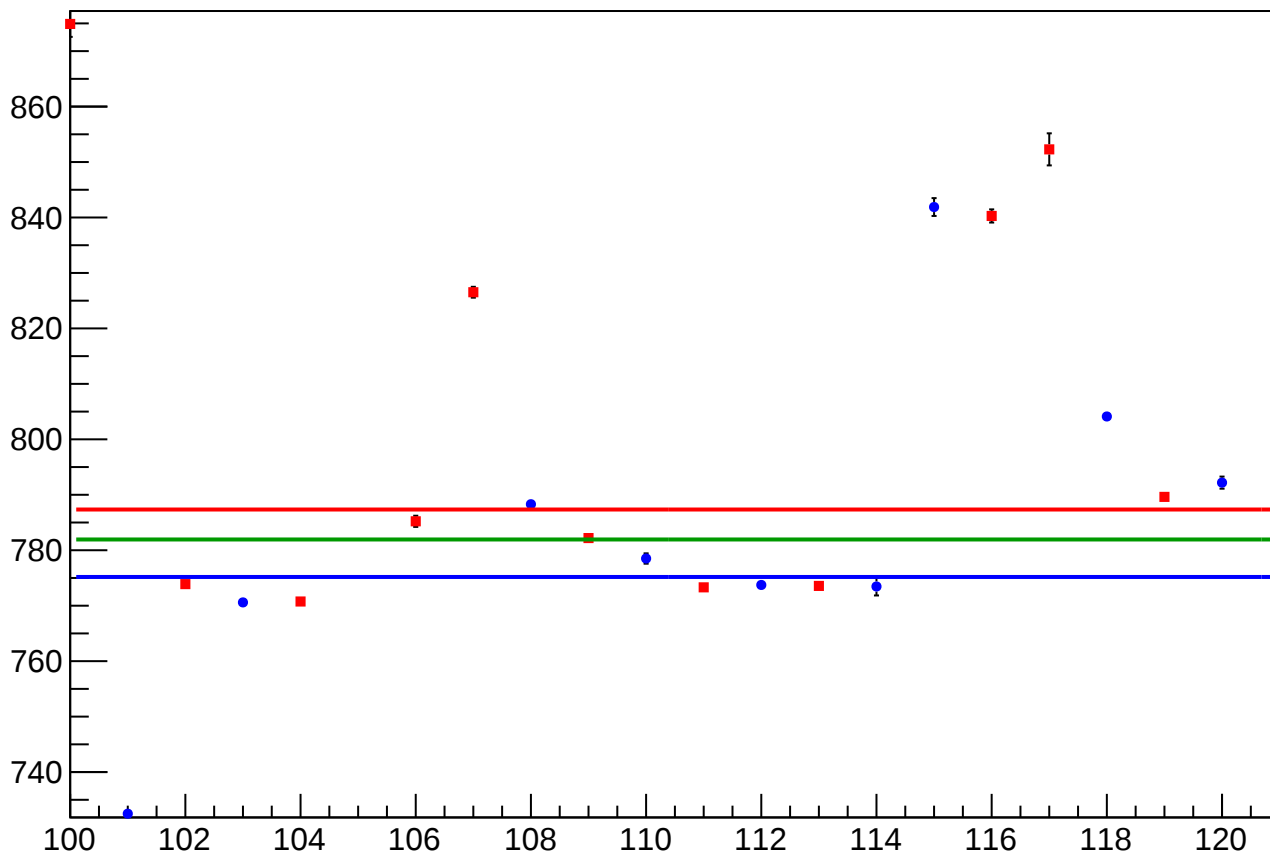
reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 1944.894+/-421.195 χ^2/NDF : 4.1/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 1661.751+/-376.585 χ^2/NDF : 3.5/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1944.894+/-421.195 χ^2/NDF : 4.1/8
 1787.539+/-280.737 χ^2/NDF : 7.9/20
 1661.751+/-376.585 χ^2/NDF : 3.5/11

reg_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 775.181+/-0.298 χ^2/NDF : 7547.3/8

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

Right Out: 787.344+/-0.266 χ^2/NDF : 6926.6/11

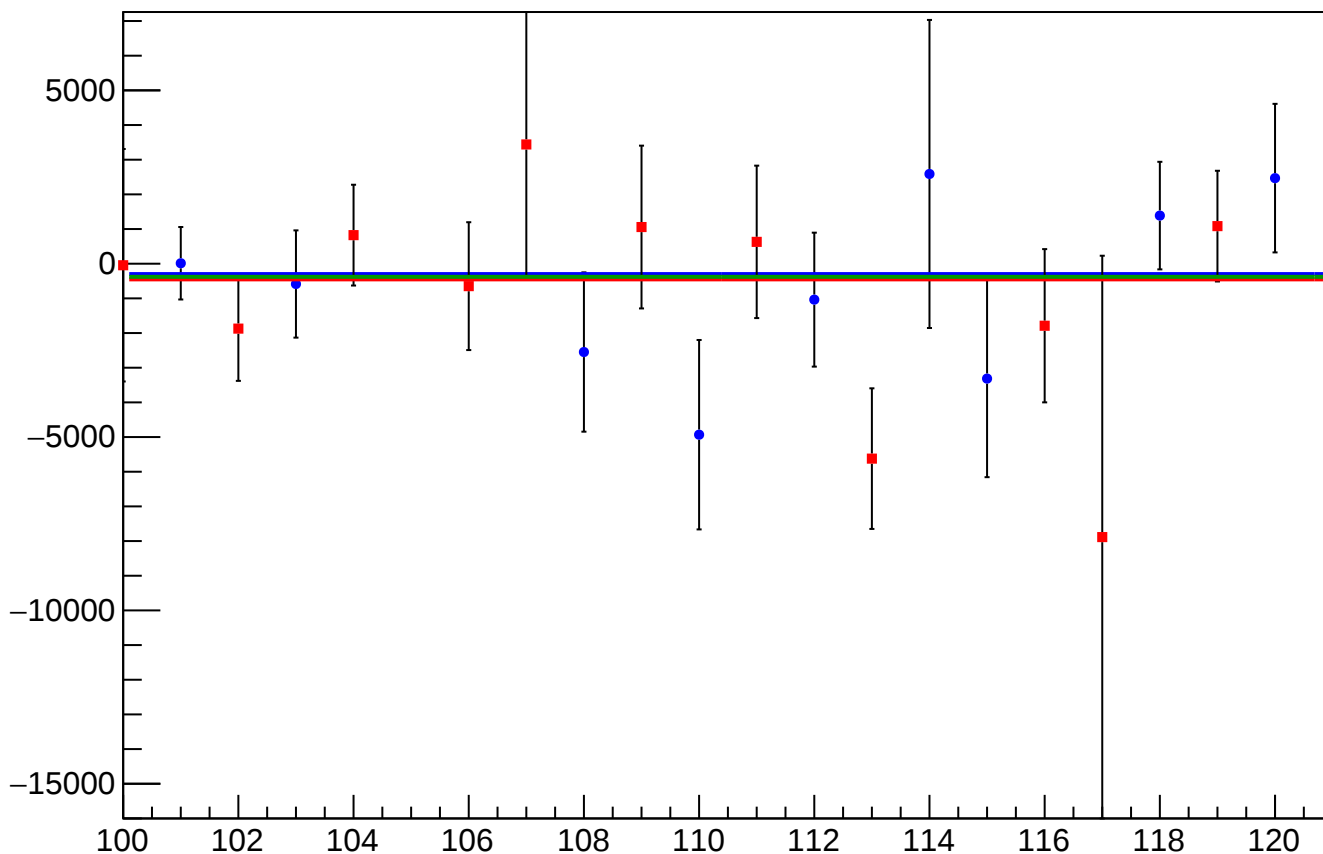
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

775.181+/-0.298 χ^2/NDF : 7547.3/8

781.940+/-0.199 χ^2/NDF : 15400.8/20

787.344+/-0.266 χ^2/NDF : 6926.6/11

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -299.474+/-604.948 χ^2/NDF : 8.5/8

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

Right Out: -451.668+/-580.179 χ^2/NDF : 12.3/11

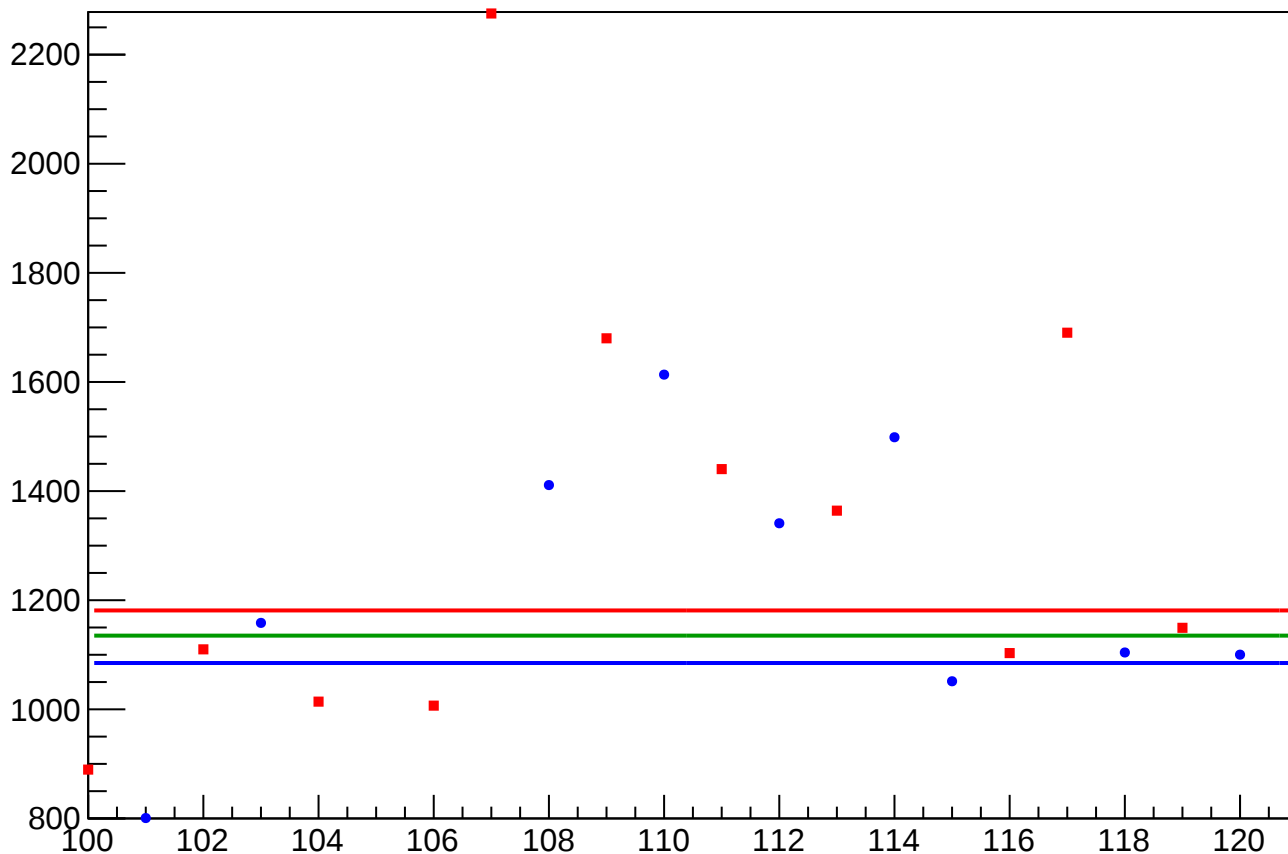
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-299.474+/-604.948 χ^2/NDF : 8.5/8

-378.751+/-418.731 χ^2/NDF : 20.8/20

-451.668+/-580.179 χ^2/NDF : 12.3/11

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1084.904 $\pm$ 0.428 χ^2 /NDF: 320736.0/8

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

Right Out: 1181.248 $\pm$ 0.410 χ^2 /NDF: 390267.7/11

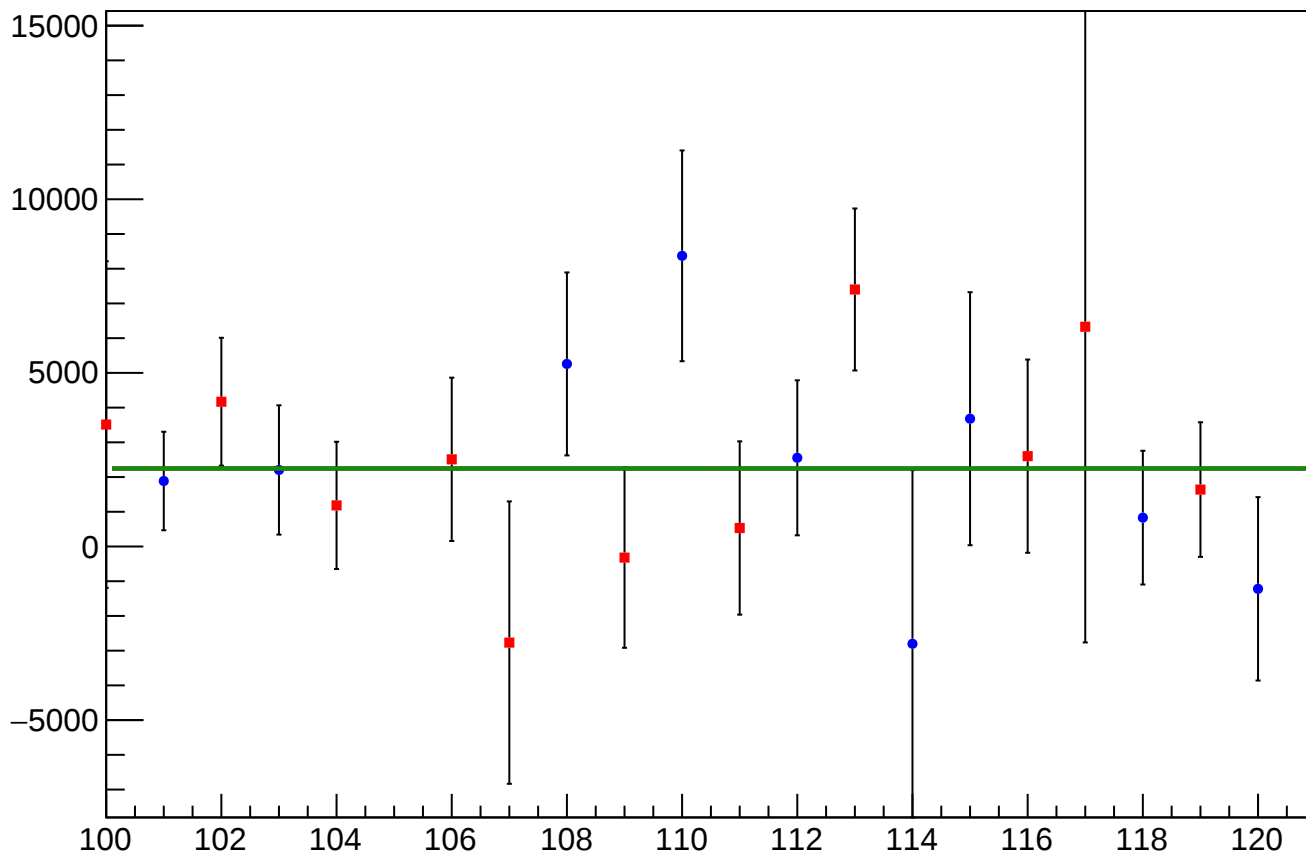
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1084.904 $\pm$ 0.428 χ^2 /NDF: 320736.0/8

1135.089 $\pm$ 0.296 χ^2 /NDF: 737426.9/20

1181.248 $\pm$ 0.410 χ^2 /NDF: 390267.7/11

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2244.607+/-752.235 χ^2/NDF : 8.9/8

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

Right Out: 2247.661+/-705.834 χ^2/NDF : 10.0/11

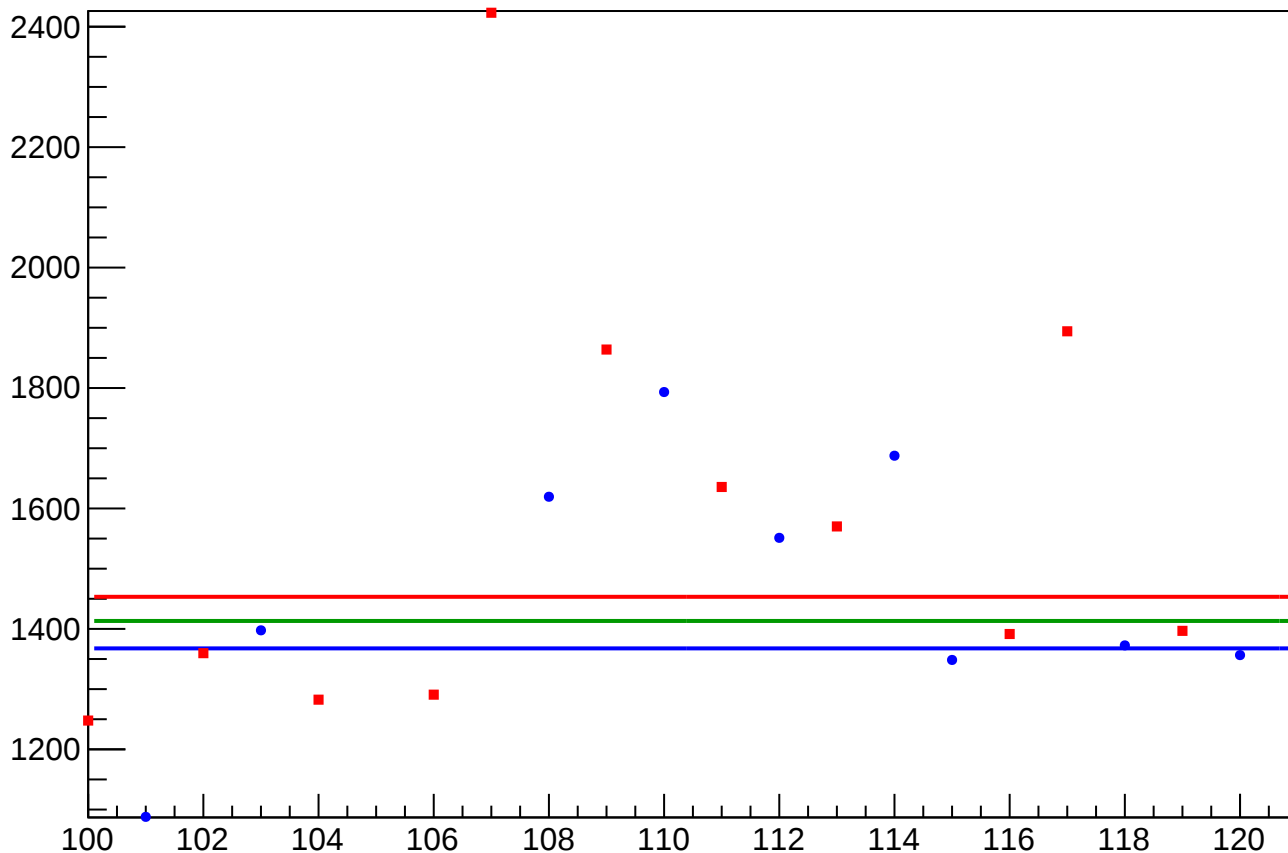
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2244.607+/-752.235 χ^2/NDF : 8.9/8

2246.231+/-514.723 χ^2/NDF : 18.9/20

2247.661+/-705.834 χ^2/NDF : 10.0/11

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1367.638 $\pm$ 0.532 χ^2 /NDF: 157758.9/8

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

Right Out: 1453.301 $\pm$ 0.499 χ^2 /NDF: 233737.5/11

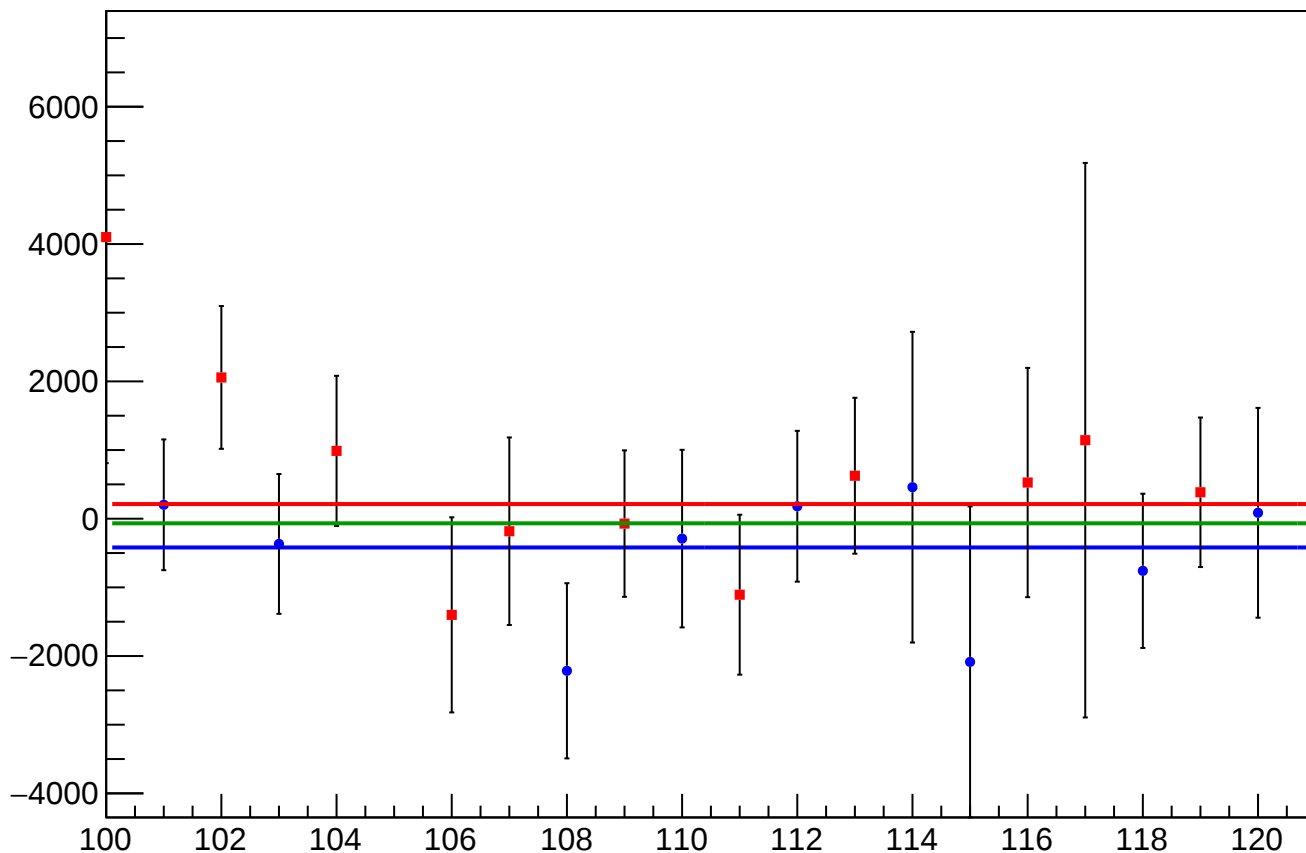
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1367.638 $\pm$ 0.532 χ^2 /NDF: 157758.9/8

1413.193 $\pm$ 0.364 χ^2 /NDF: 405289.2/20

1453.301 $\pm$ 0.499 χ^2 /NDF: 233737.5/11

reg_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -418.914 +/- 418.091 χ^2/NDF : 3.6/8

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

Right Out: 213.394 +/- 373.323 χ^2/NDF : 10.0/11

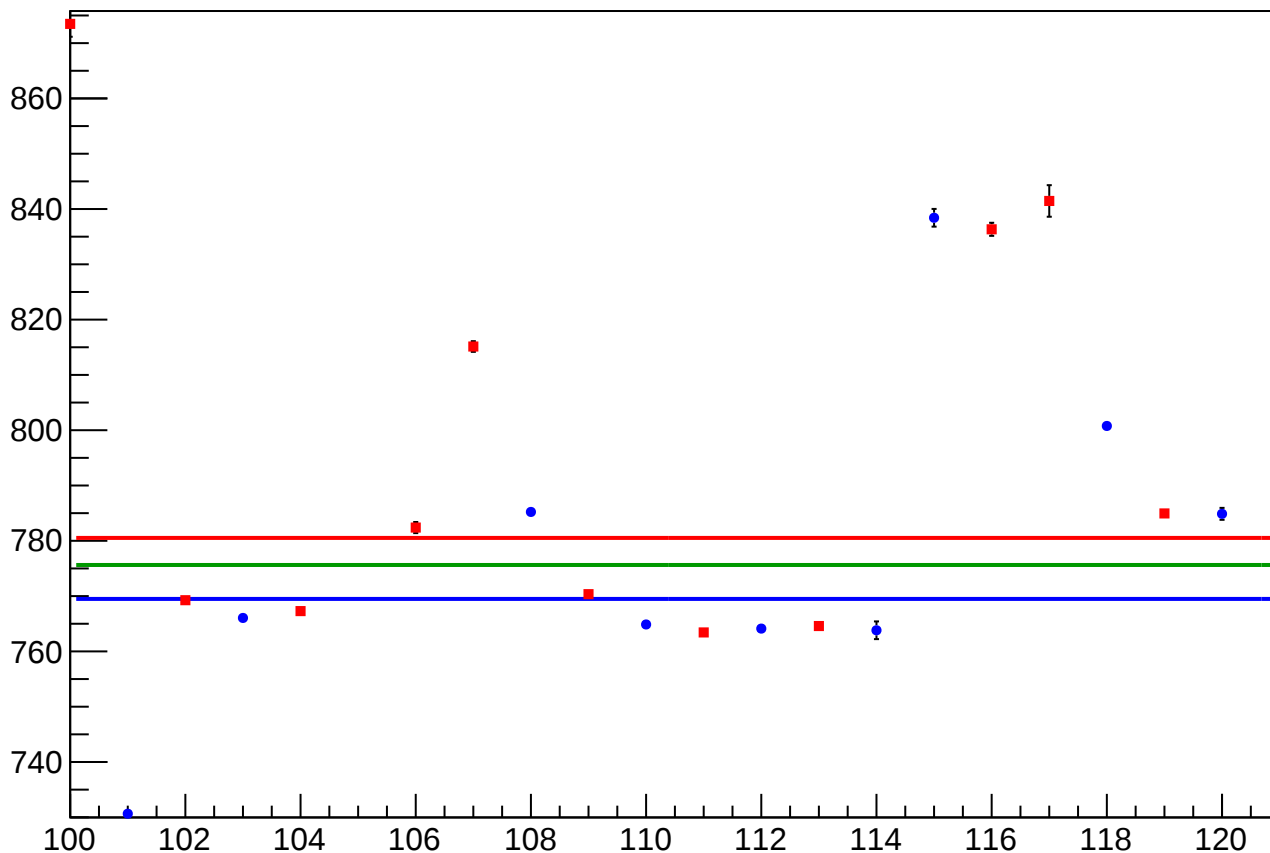
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

-418.914 +/- 418.091 χ^2/NDF : 3.6/8

-67.106 +/- 278.467 χ^2/NDF : 14.9/20

213.394 +/- 373.323 χ^2/NDF : 10.0/11

reg_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 769.490+/-0.296 χ^2/NDF : 7347.6/8

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

Right Out: 780.523+/-0.264 χ^2/NDF : 7140.8/11

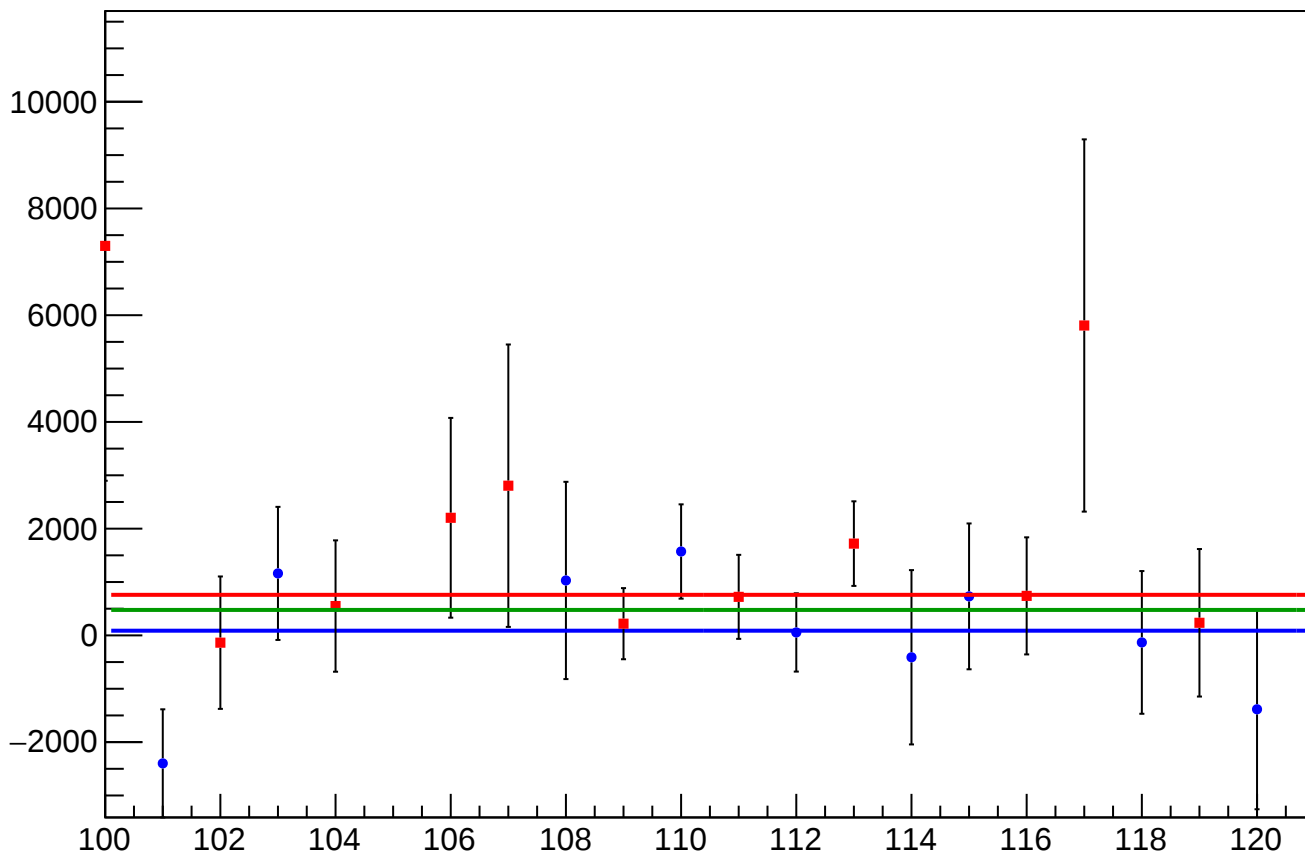
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

769.490+/-0.296 χ^2/NDF : 7347.6/8

775.629+/-0.197 χ^2/NDF : 15263.3/20

780.523+/-0.264 χ^2/NDF : 7140.8/11

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: 87.868+/-383.378 χ^2/NDF : 10.8/8

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

Right Out: 760.043+/-326.983 χ^2/NDF : 9.0/11

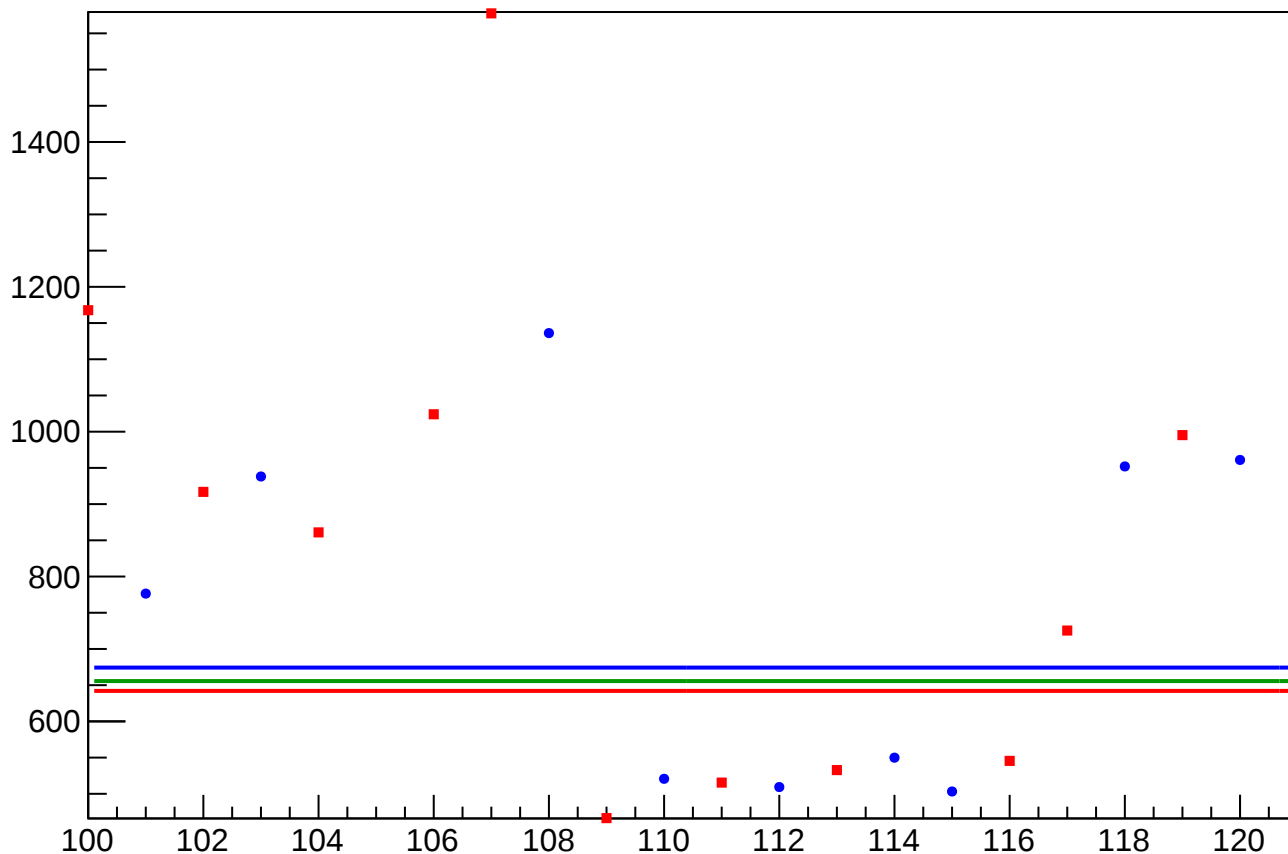
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

87.868+/-383.378 χ^2/NDF : 10.8/8

476.985+/-248.785 χ^2/NDF : 21.6/20

760.043+/-326.983 χ^2/NDF : 9.0/11

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 674.279+/-0.271 χ^2/NDF : 572373.6/8

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

Right Out: 642.104+/-0.231 χ^2/NDF : 913688.5/11

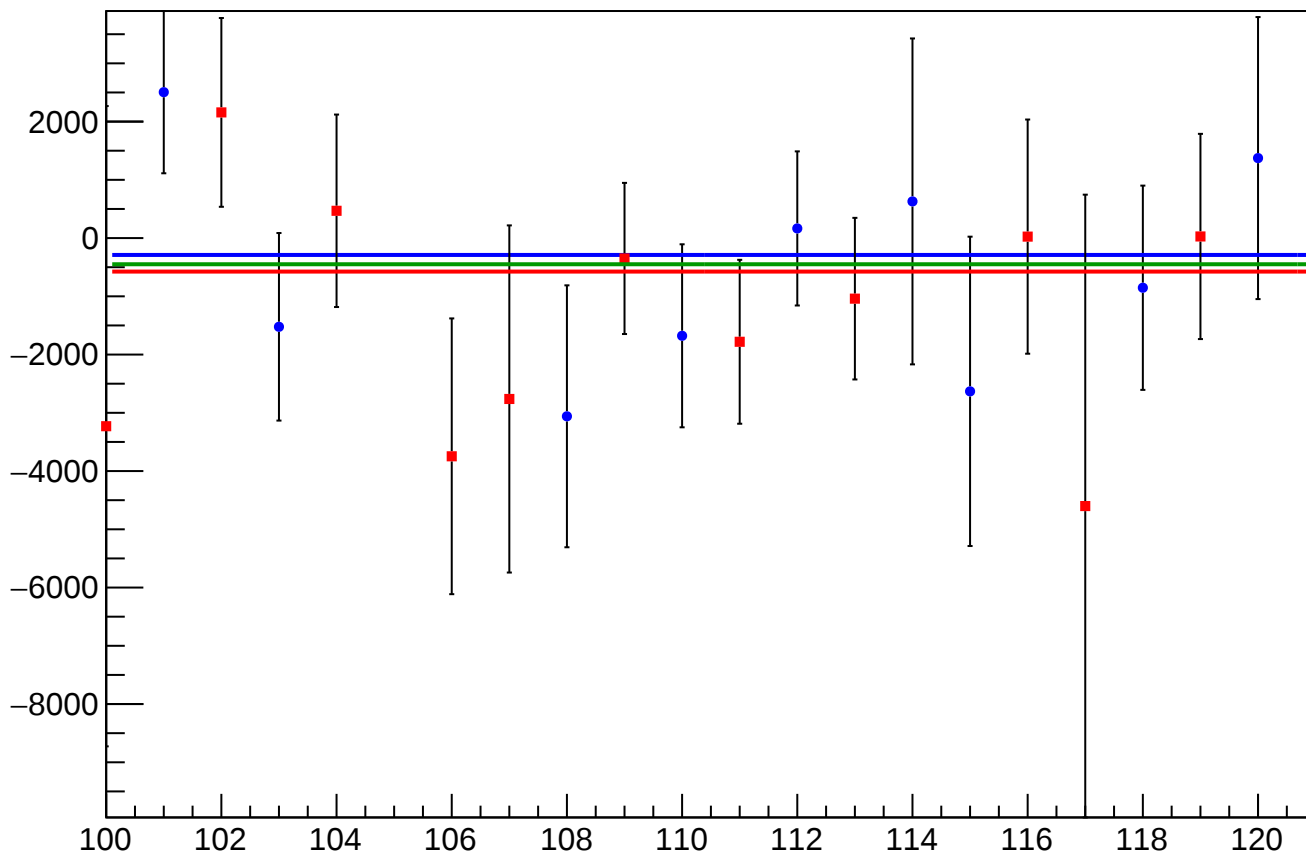
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

674.279+/-0.271 χ^2/NDF : 572373.6/8

655.653+/-0.176 χ^2/NDF : 1494216.7/20

642.104+/-0.231 χ^2/NDF : 913688.5/11

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -289.517+/-593.314 χ^2/NDF : 8.5/8

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

Right Out: -575.114+/-526.418 χ^2/NDF : 7.5/11

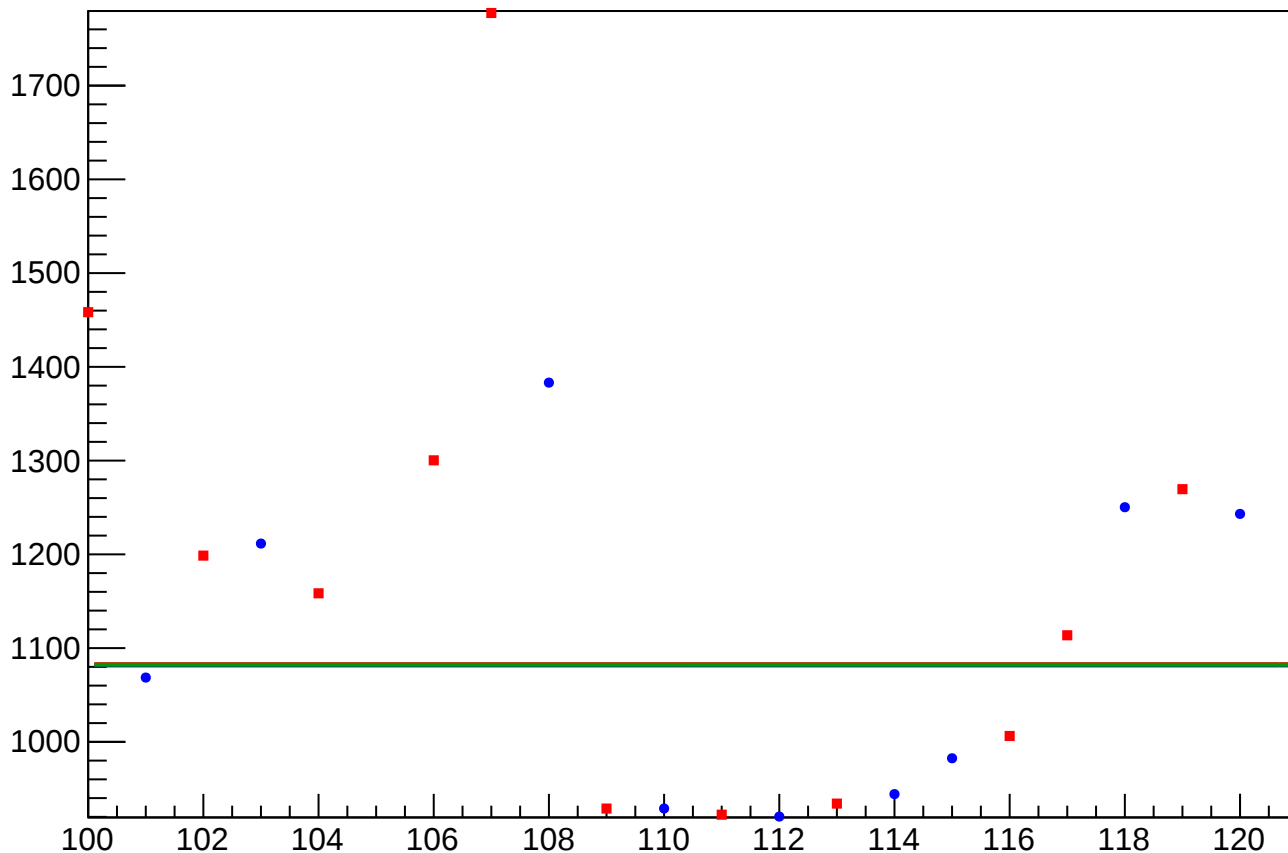
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-289.517+/-593.314 χ^2/NDF : 8.5/8

-449.317+/-393.770 χ^2/NDF : 16.1/20

-575.114+/-526.418 χ^2/NDF : 7.5/11

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1081.557+/-0.420 χ^2/NDF : 132807.6/8

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

Right Out: 1082.890+/-0.372 χ^2/NDF : 252159.8/11

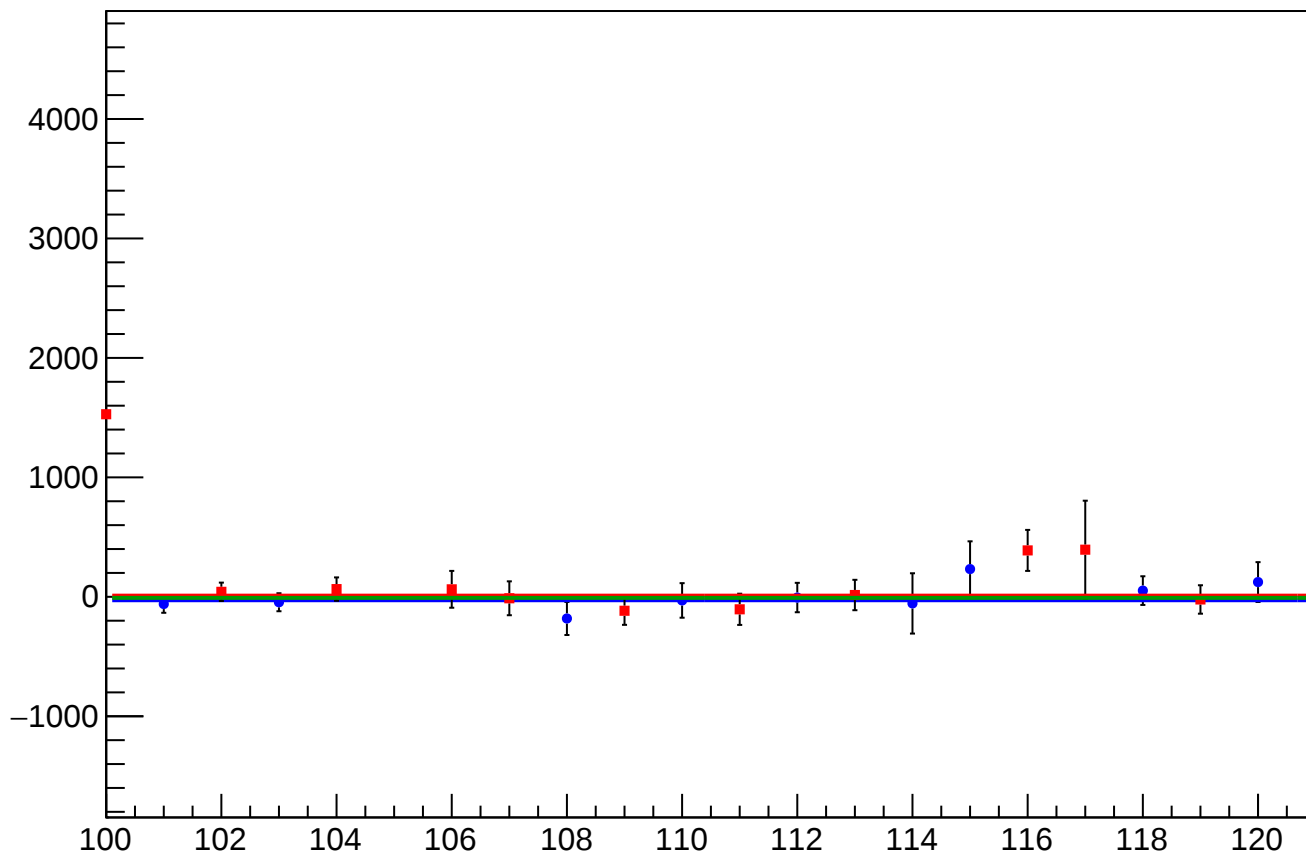
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1081.557+/-0.420 χ^2/NDF : 132807.6/8

1082.303+/-0.278 χ^2/NDF : 384973.0/20

1082.890+/-0.372 χ^2/NDF : 252159.8/11

reg_asym_ds_avg_mean vs Slug, Sign Corrected



Right In: -28.501+/-38.713 χ^2 /NDF: 4.1/8

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

Right Out: 9.666+/-37.284 χ^2 /NDF: 10.5/11

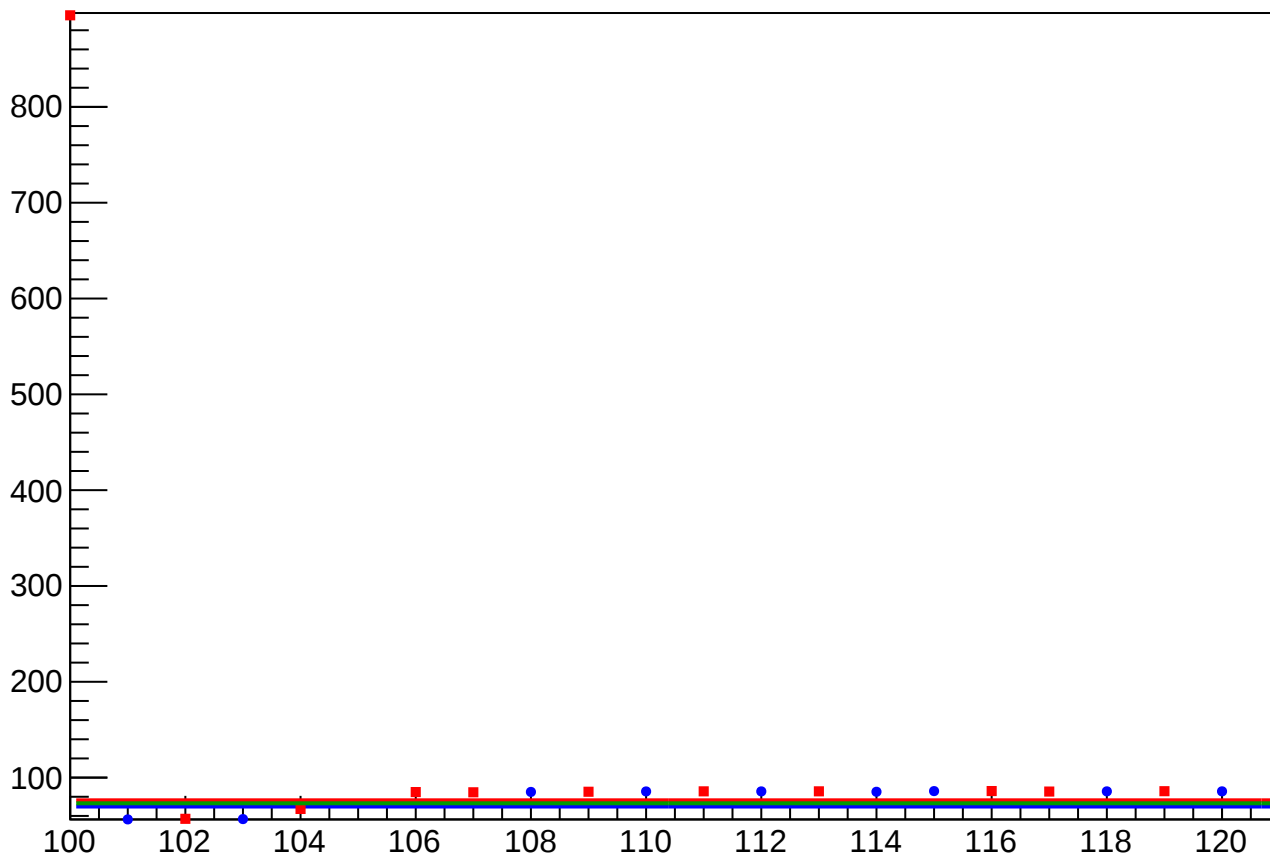
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-28.501+/-38.713 χ^2 /NDF: 4.1/8

-8.700+/-26.855 χ^2 /NDF: 15.0/20

9.666+/-37.284 χ^2 /NDF: 10.5/11

reg_asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 69.821+/-0.027 χ^2/NDF : 278325.3/8

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

Right Out: 76.292+/-0.026 χ^2/NDF : 336916.3/11

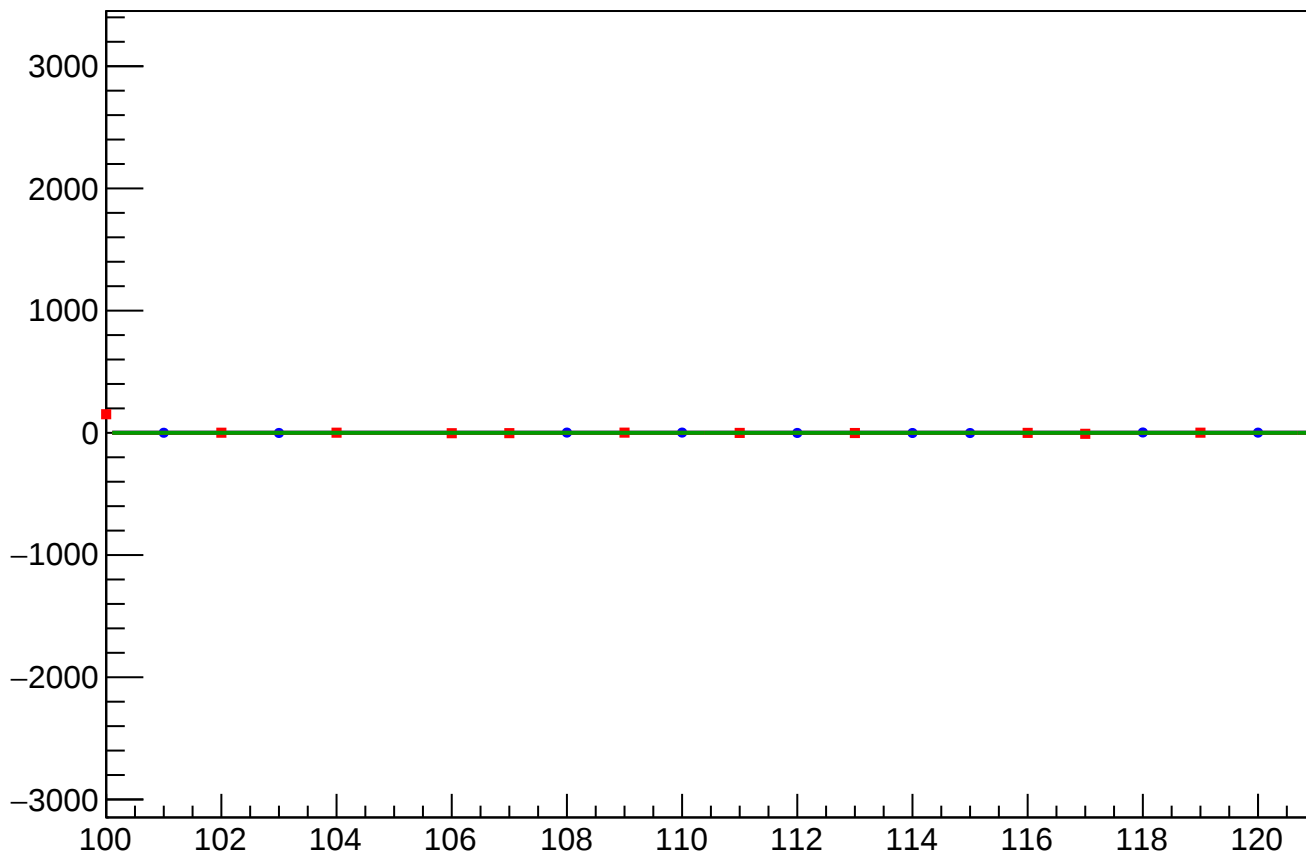
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

69.821+/-0.027 χ^2/NDF : 278325.3/8

73.178+/-0.019 χ^2/NDF : 644230.9/20

76.292+/-0.026 χ^2/NDF : 336916.3/11

asym_ds_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.598 $\pm$ 0.632 χ^2 /NDF: 5.0/8

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

Right Out: 0.117 $\pm$ 0.652 χ^2 /NDF: 5.8/11

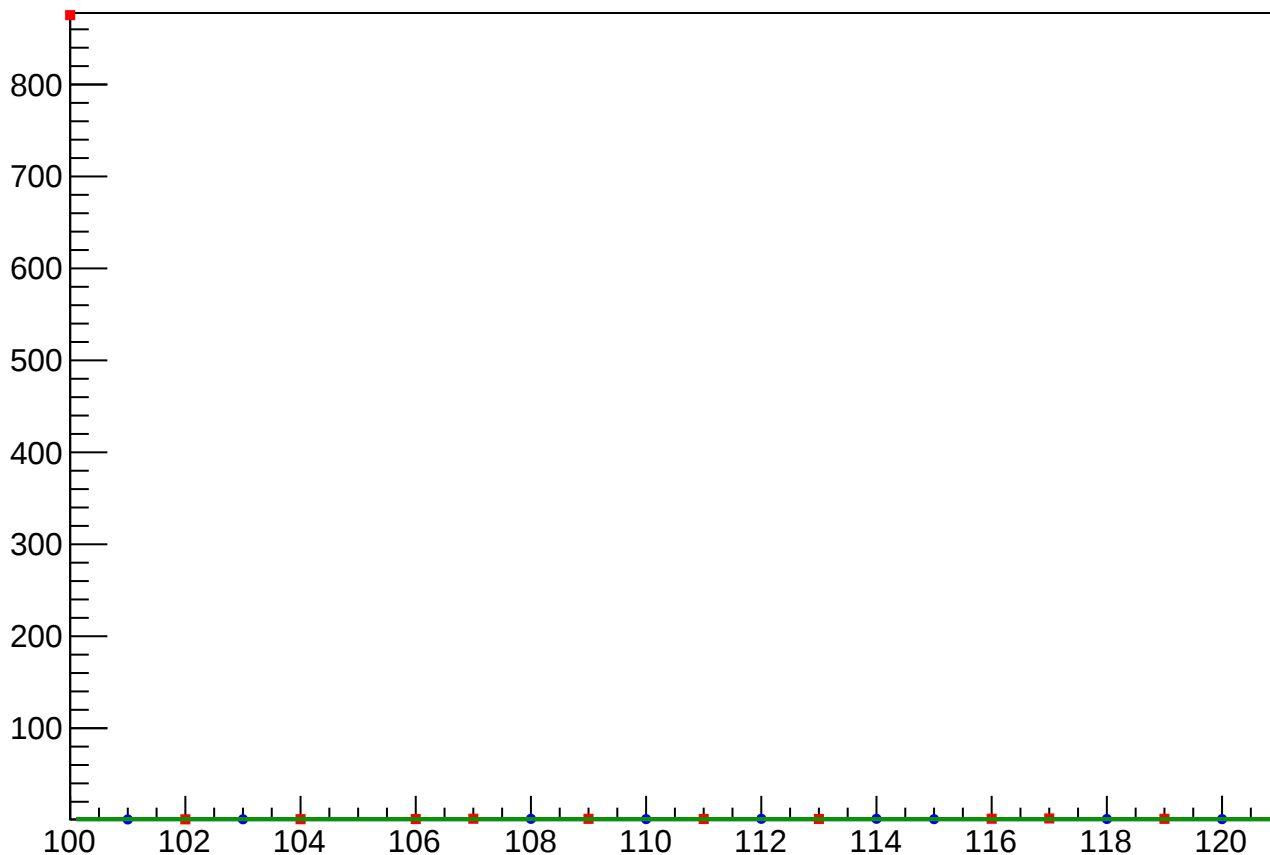
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.598 $\pm$ 0.632 χ^2 /NDF: 5.0/8

0.365 $\pm$ 0.454 χ^2 /NDF: 11.0/20

0.117 $\pm$ 0.652 χ^2 /NDF: 5.8/11

asym_ds_avg_correction_rms vs Slug, Sign Corrected



Right In: 1.040+/-0.000 χ^2/NDF : 279678.2/8

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

Right Out: 1.227+/-0.000 χ^2/NDF : 415506.4/11

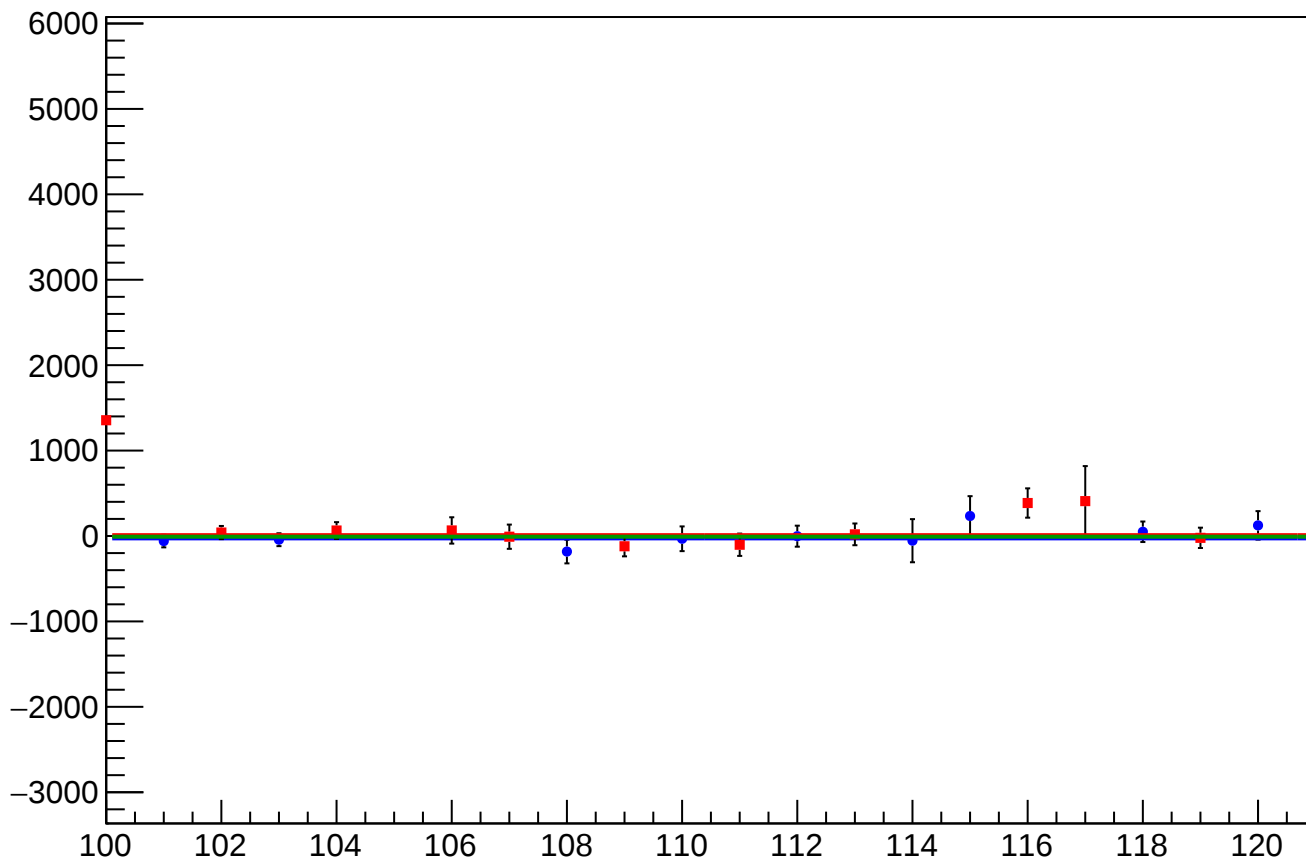
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.040+/-0.000 χ^2/NDF : 279678.2/8

1.131+/-0.000 χ^2/NDF : 779312.9/20

1.227+/-0.000 χ^2/NDF : 415506.4/11

asym_ds_avg_mean vs Slug, Sign Corrected



Right In: -27.814+/-38.722 χ^2 /NDF: 4.1/8

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

Right Out: 9.949+/-37.295 χ^2 /NDF: 10.3/11

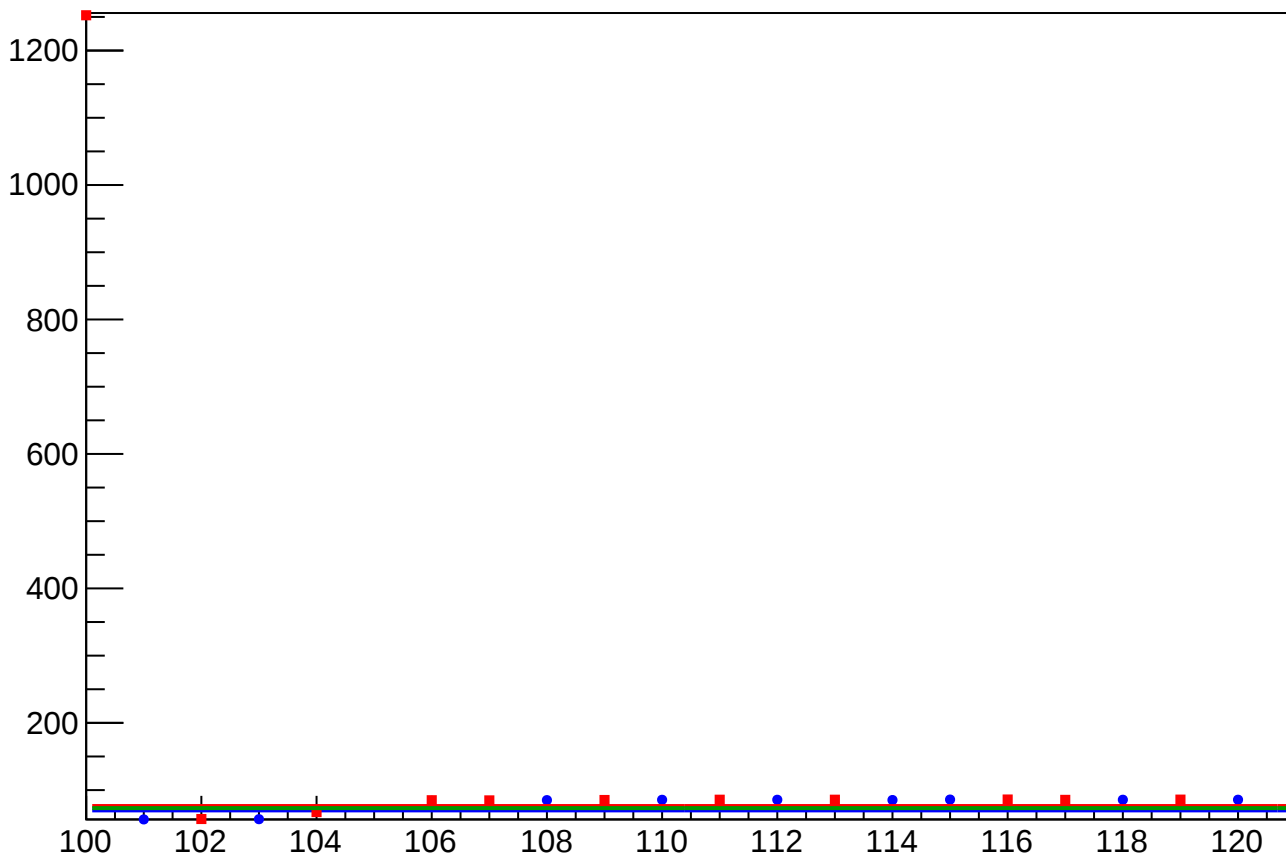
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-27.814+/-38.722 χ^2 /NDF: 4.1/8

-8.224+/-26.862 χ^2 /NDF: 14.9/20

9.949+/-37.295 χ^2 /NDF: 10.3/11

asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 69.838 $\pm$ 0.027 χ^2 /NDF: 278320.6/8

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

Right Out: 76.286 $\pm$ 0.026 χ^2 /NDF: 343222.1/11

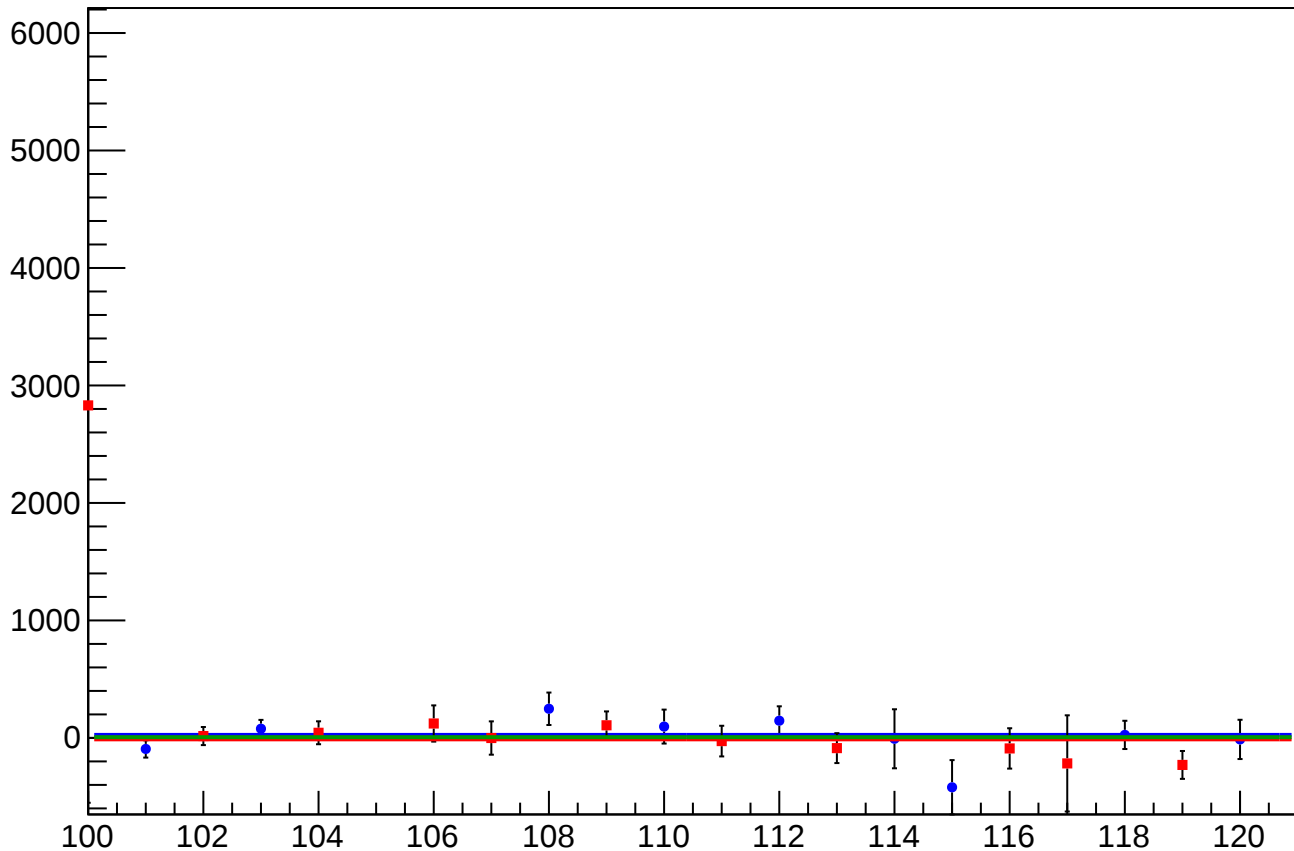
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

69.838 $\pm$ 0.027 χ^2 /NDF: 278320.6/8

73.183 $\pm$ 0.019 χ^2 /NDF: 650308.4/20

76.286 $\pm$ 0.026 χ^2 /NDF: 343222.1/11

reg_asym_ds_dd_mean vs Slug, Sign Corrected



Right In: 25.589+/-38.685 χ^2/NDF : 10.7/8

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

Right Out: -12.032+/-37.259 χ^2/NDF : 7.2/11

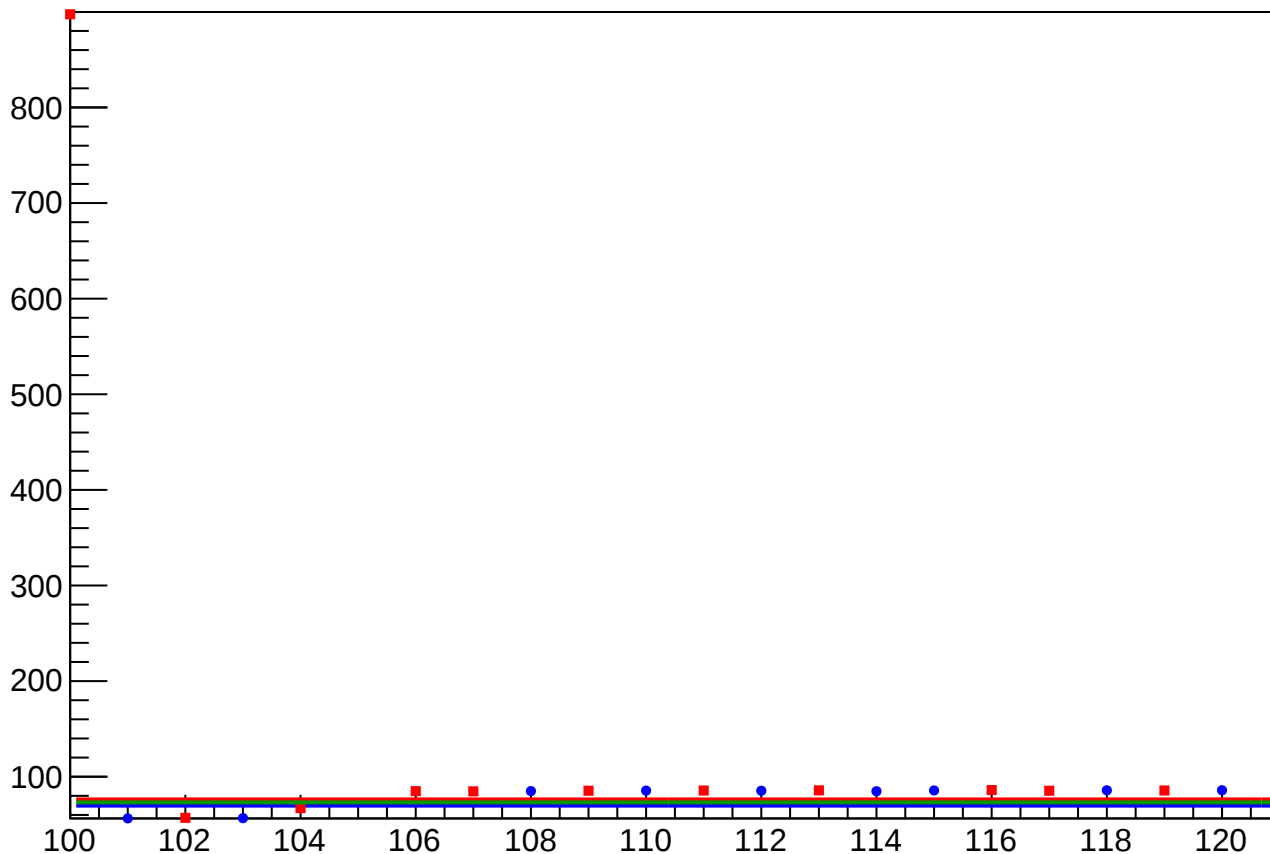
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

25.589+/-38.685 χ^2/NDF : 10.7/8

6.073+/-26.836 χ^2/NDF : 18.4/20

-12.032+/-37.259 χ^2/NDF : 7.2/11

reg_asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 69.773+/-0.027 χ^2/NDF : 277847.2/8

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

Right Out: 76.243+/-0.026 χ^2/NDF : 336716.2/11

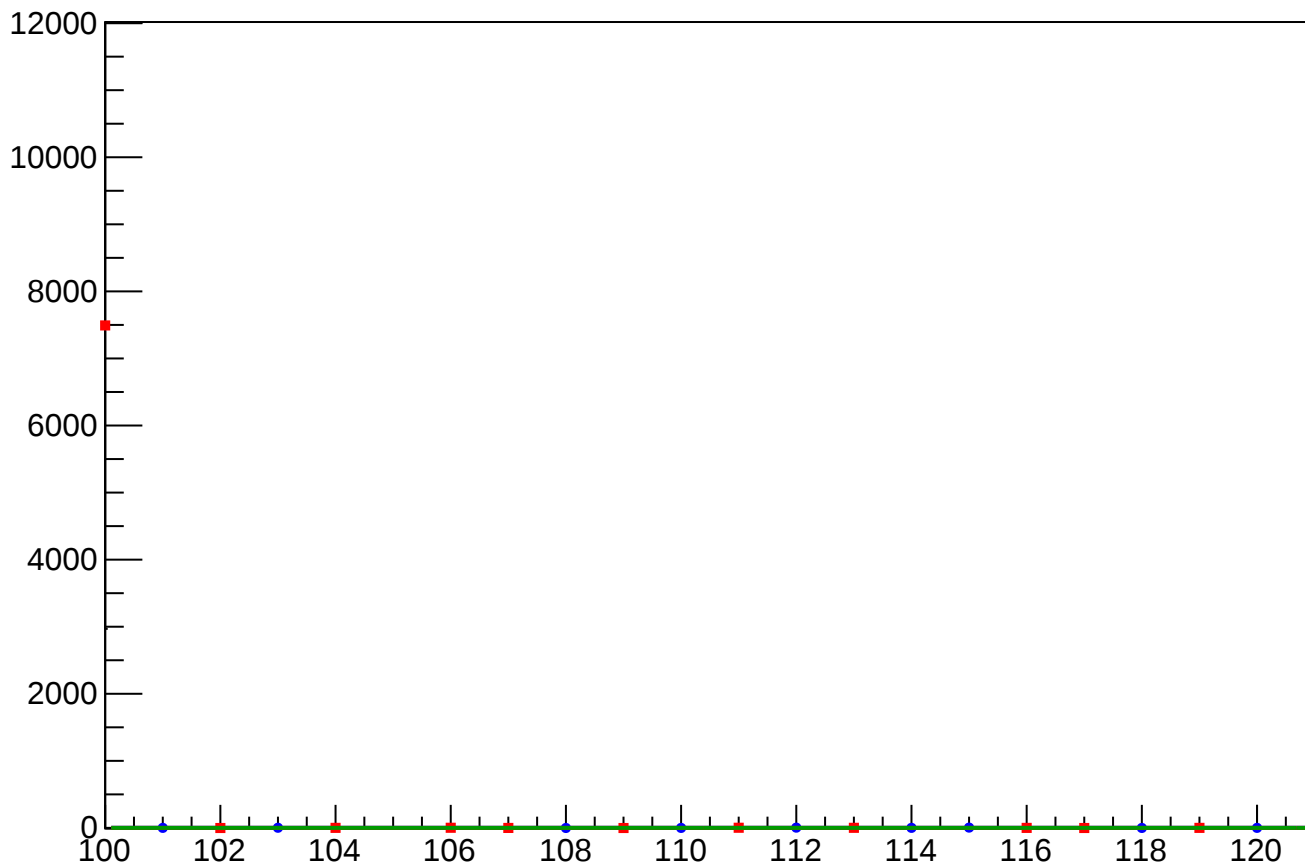
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

69.773+/-0.027 χ^2/NDF : 277847.2/8

73.129+/-0.019 χ^2/NDF : 643589.4/20

76.243+/-0.026 χ^2/NDF : 336716.2/11

asym_ds_dd_correction_mean vs Slug, Sign Corrected



Right In: 1.297+/-0.670 χ^2/NDF : 5.5/8

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

Right Out: 0.409+/-0.687 χ^2/NDF : 6.8/11

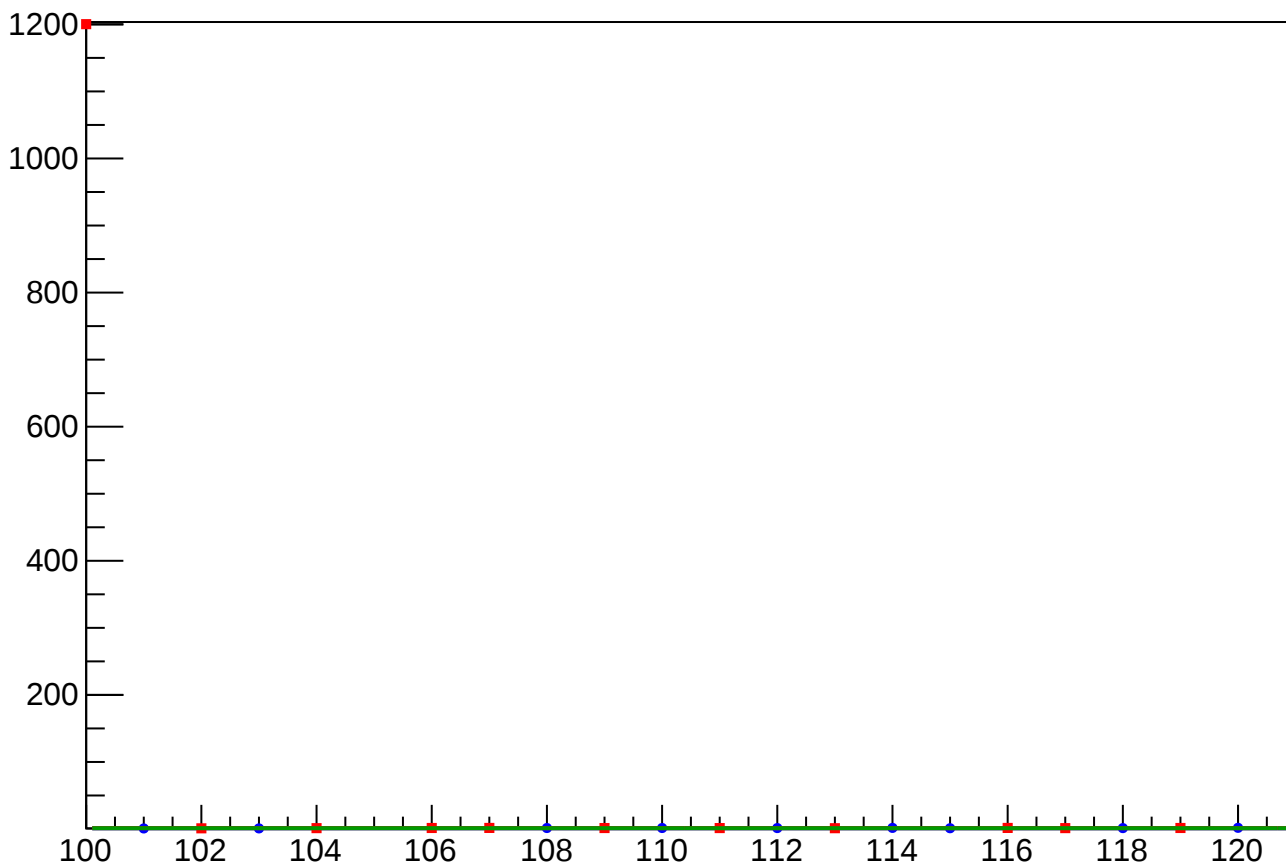
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.297+/-0.670 χ^2/NDF : 5.5/8

0.864+/-0.480 χ^2/NDF : 13.2/20

0.409+/-0.687 χ^2/NDF : 6.8/11

asym_ds_dd_correction_rms vs Slug, Sign Corrected



Right In: 1.109+/-0.000 χ^2/NDF : 389930.3/8

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

Right Out: 1.320+/-0.000 χ^2/NDF : 300329.9/11

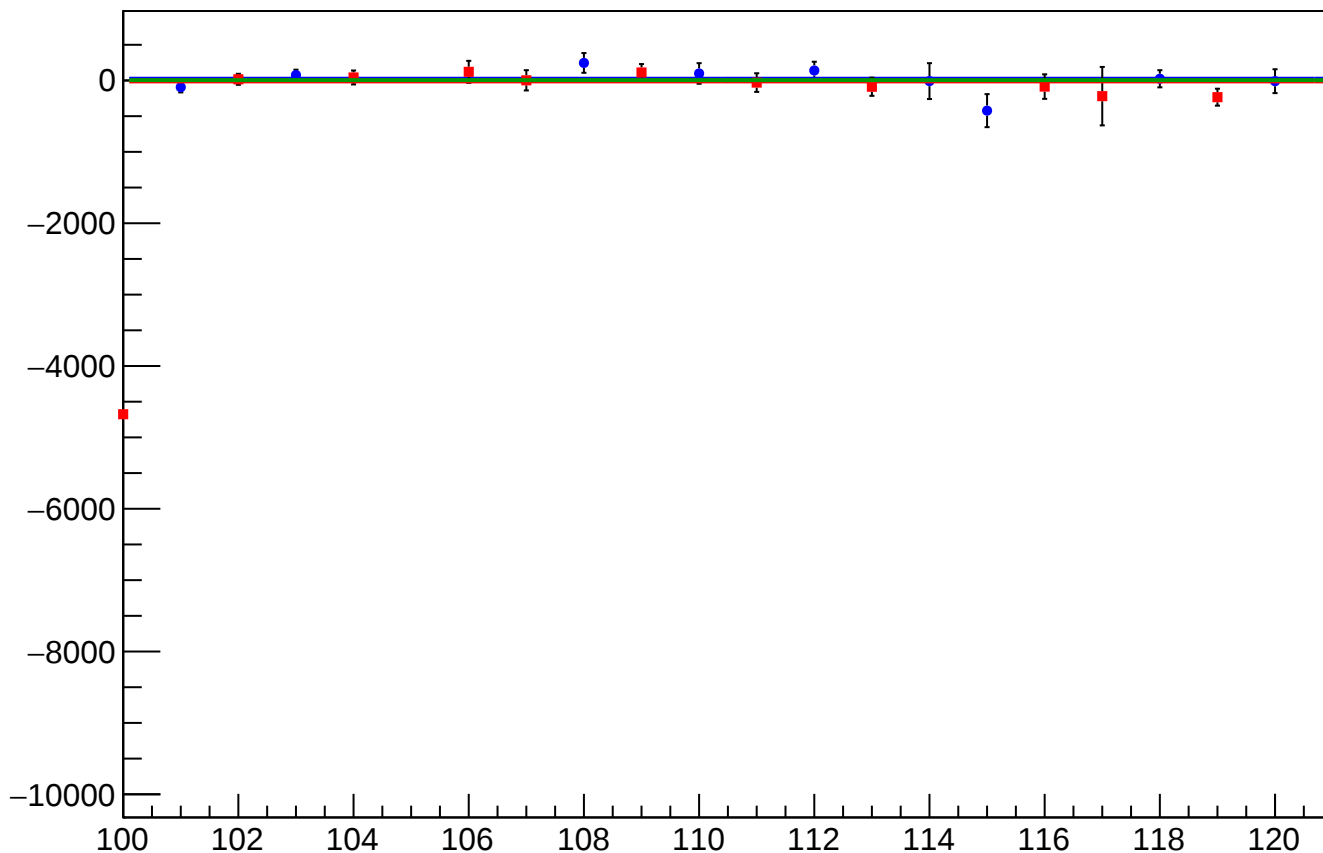
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.109+/-0.000 χ^2/NDF : 389930.3/8

1.212+/-0.000 χ^2/NDF : 786712.2/20

1.320+/-0.000 χ^2/NDF : 300329.9/11

asym_ds_dd_mean vs Slug, Sign Corrected



Right In: 24.409+/-38.695 χ^2/NDF : 10.6/8

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

Right Out: -12.740+/-37.271 χ^2/NDF : 7.3/11

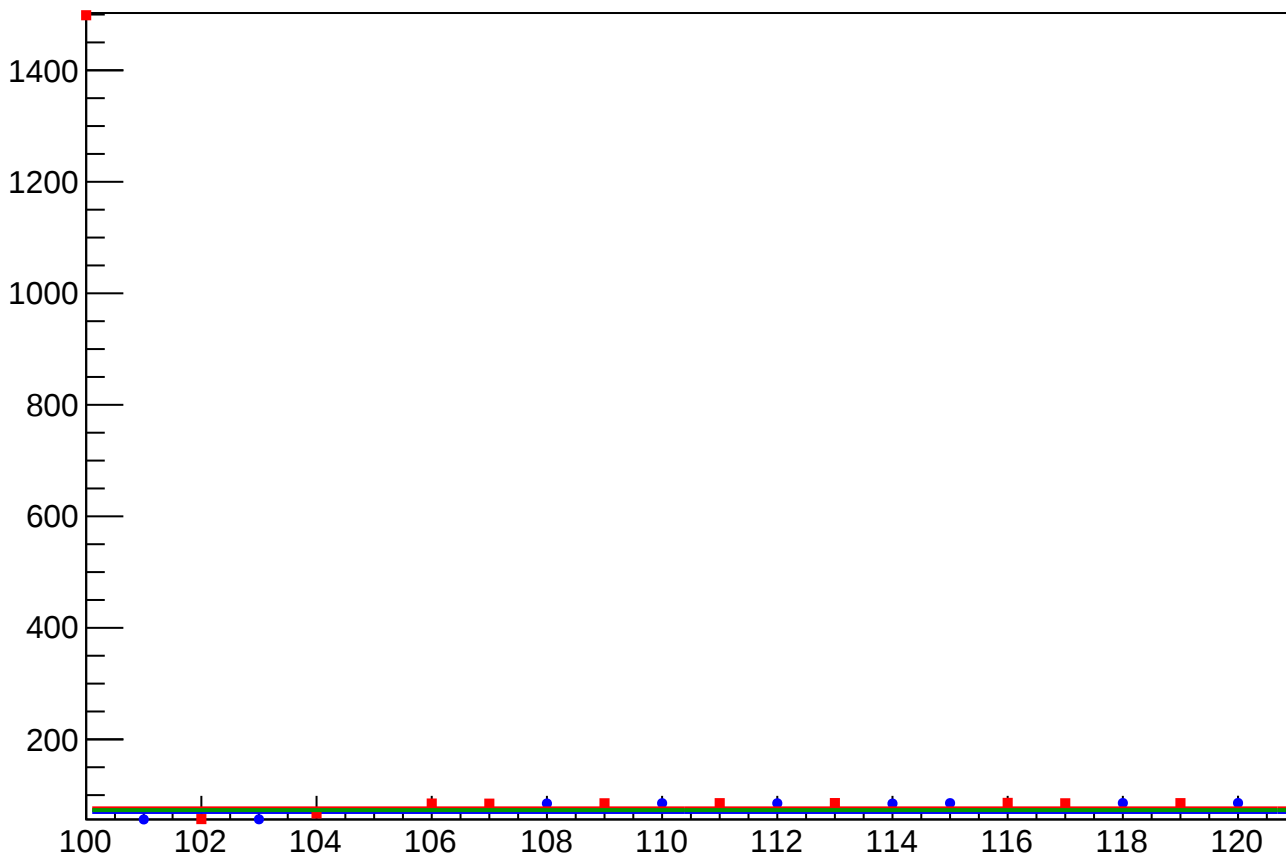
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

24.409+/-38.695 χ^2/NDF : 10.6/8

5.138+/-26.844 χ^2/NDF : 18.4/20

-12.740+/-37.271 χ^2/NDF : 7.3/11

asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 69.791+/-0.027 χ^2/NDF : 277854.5/8

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

Right Out: 76.226+/-0.026 χ^2/NDF : 345636.5/11

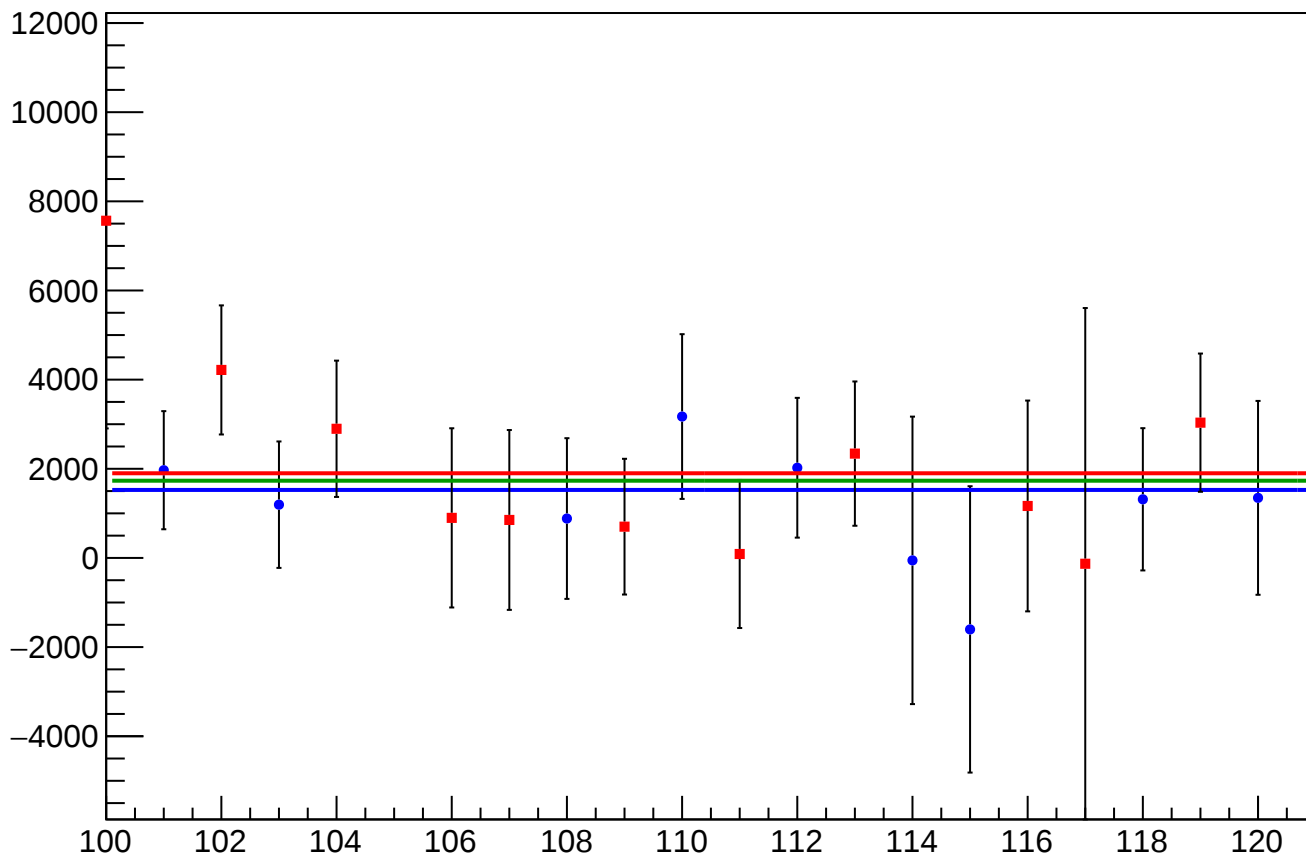
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

69.791+/-0.027 χ^2/NDF : 277854.5/8

73.129+/-0.019 χ^2/NDF : 652186.3/20

76.226+/-0.026 χ^2/NDF : 345636.5/11

reg_asym_usl_mean vs Slug, Sign Corrected



Right In: 1525.363+/-590.127 χ^2/NDF : 2.4/8

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

Right Out: 1899.430+/-530.010 χ^2/NDF : 8.6/11

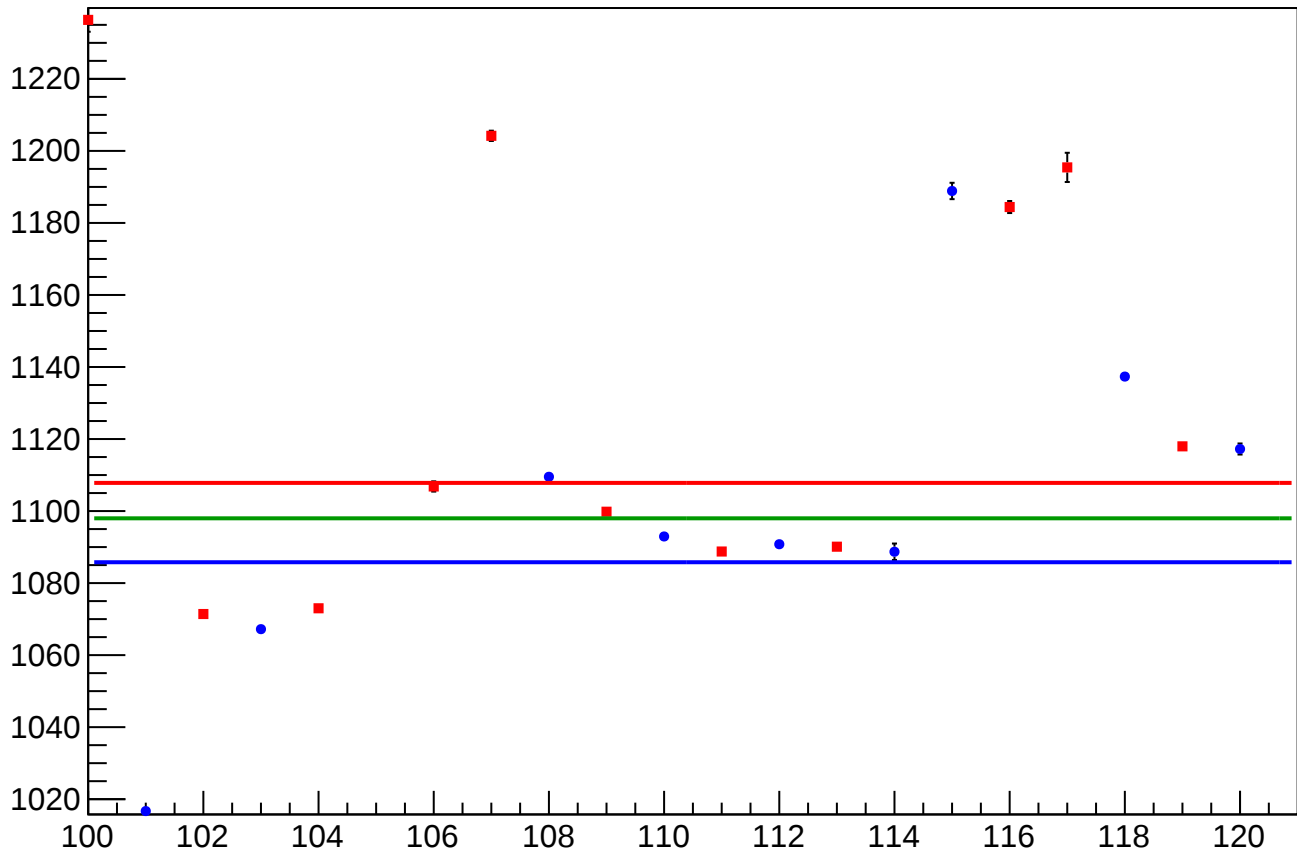
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1525.363+/-590.127 χ^2/NDF : 2.4/8

1732.414+/-394.320 χ^2/NDF : 11.3/20

1899.430+/-530.010 χ^2/NDF : 8.6/11

reg_asym_usl_rms vs Slug, Sign Corrected



Right In: 1085.790+/-0.417 χ^2/NDF : 10746.0/8

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

Right Out: 1107.821+/-0.375 χ^2/NDF : 11598.7/11

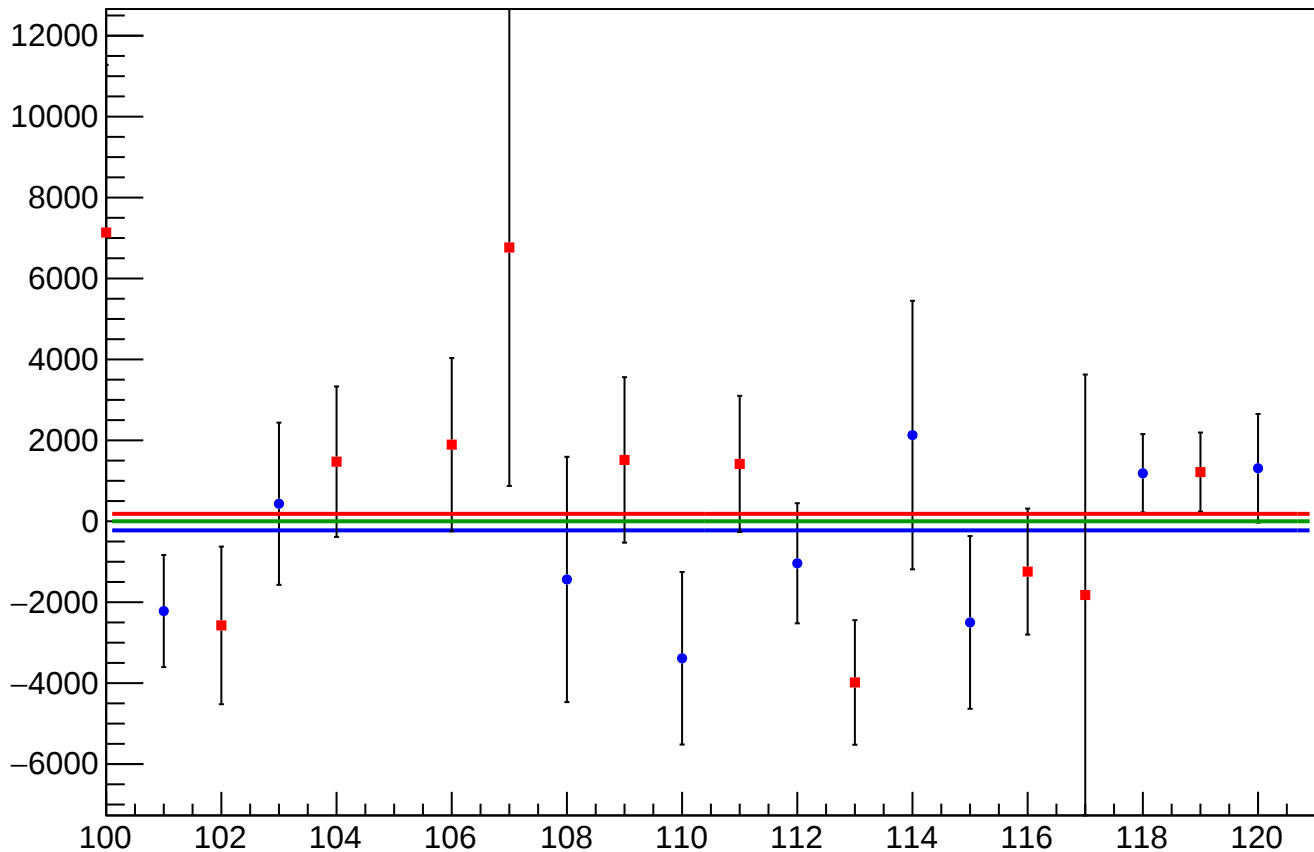
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1085.790+/-0.417 χ^2/NDF : 10746.0/8

1097.985+/-0.279 χ^2/NDF : 23887.5/20

1107.821+/-0.375 χ^2/NDF : 11598.7/11

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -224.530+/-535.607 χ^2/NDF : 9.9/8

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

Right Out: 183.674+/-483.402 χ^2/NDF : 17.6/11

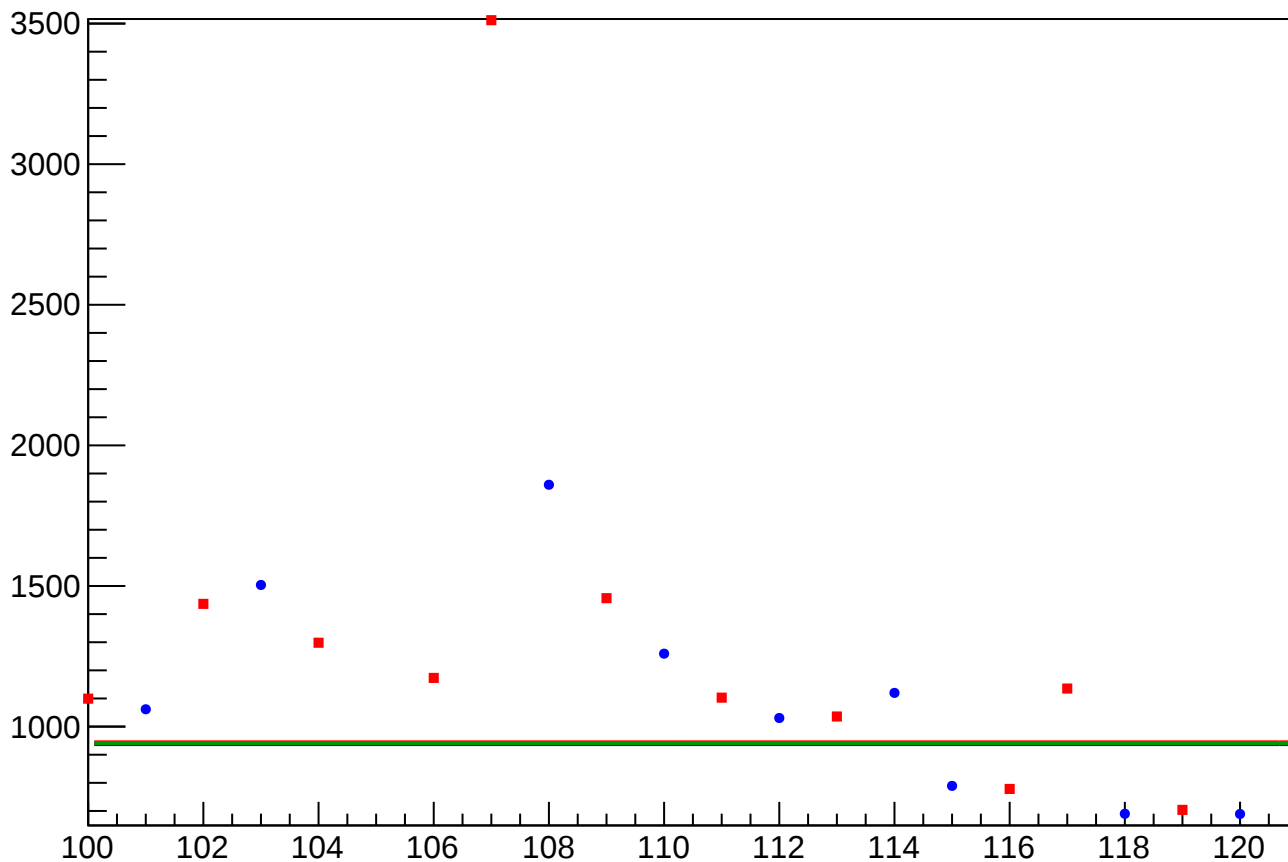
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-224.530+/-535.607 χ^2/NDF : 9.9/8

0.431+/-358.858 χ^2/NDF : 27.8/20

183.674+/-483.402 χ^2/NDF : 17.6/11

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 937.817+/-0.379 χ^2/NDF : 629190.7/8

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

Right Out: 944.059+/-0.342 χ^2/NDF : 1061364.2/11

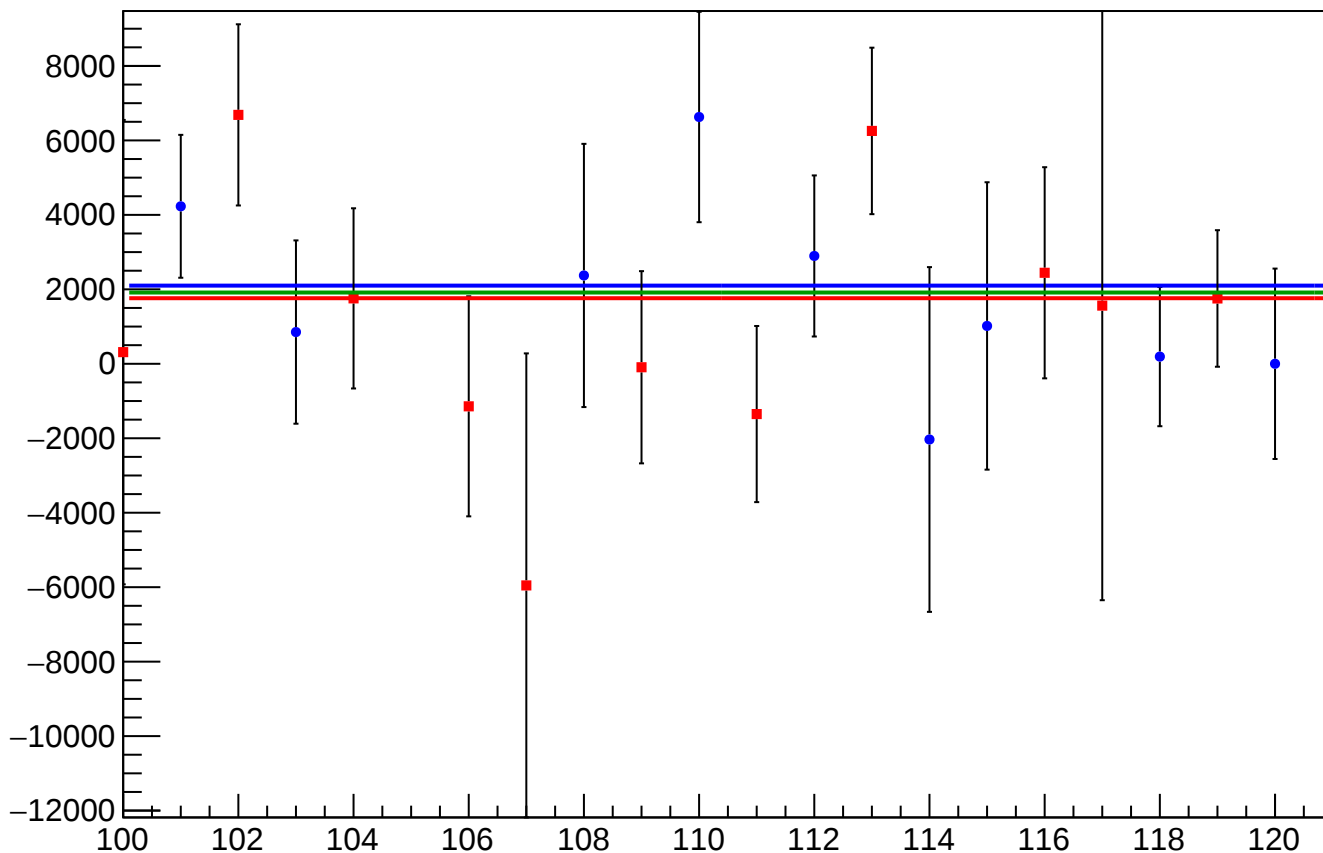
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

937.817+/-0.379 χ^2/NDF : 629190.7/8

941.257+/-0.254 χ^2/NDF : 1690704.7/20

944.059+/-0.342 χ^2/NDF : 1061364.2/11

asym_usl_mean vs Slug, Sign Corrected



Right In: 2099.769 $\pm$ 842.642 χ^2 /NDF: 6.8/8

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

Right Out: 1761.453 $\pm$ 765.591 χ^2 /NDF: 13.7/11

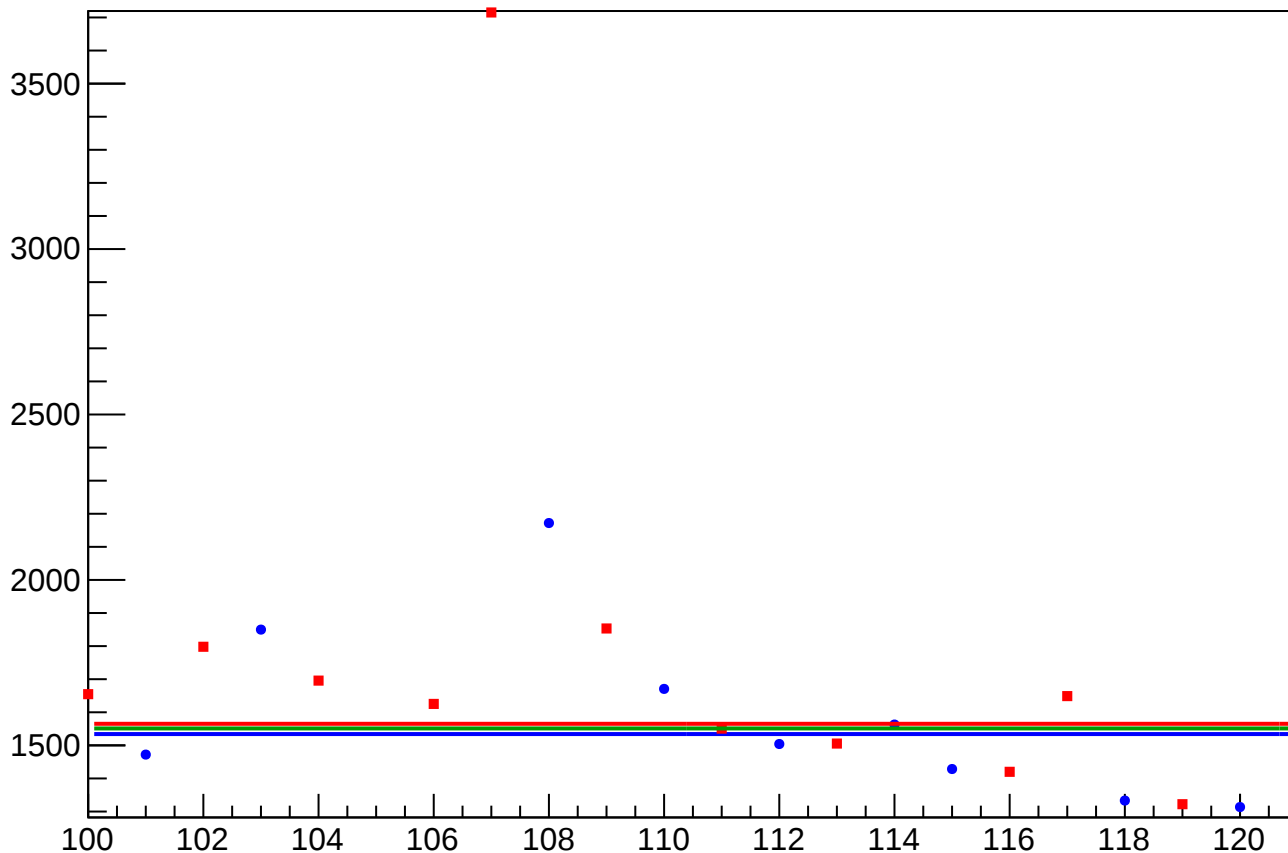
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2099.769 $\pm$ 842.642 χ^2 /NDF: 6.8/8

1914.439 $\pm$ 566.641 χ^2 /NDF: 20.6/20

1761.453 $\pm$ 765.591 χ^2 /NDF: 13.7/11

asym_usl_rms vs Slug, Sign Corrected



Right In: 1534.164+/-0.596 χ^2/NDF : 144715.8/8

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

Right Out: 1565.183+/-0.541 χ^2/NDF : 367465.7/11

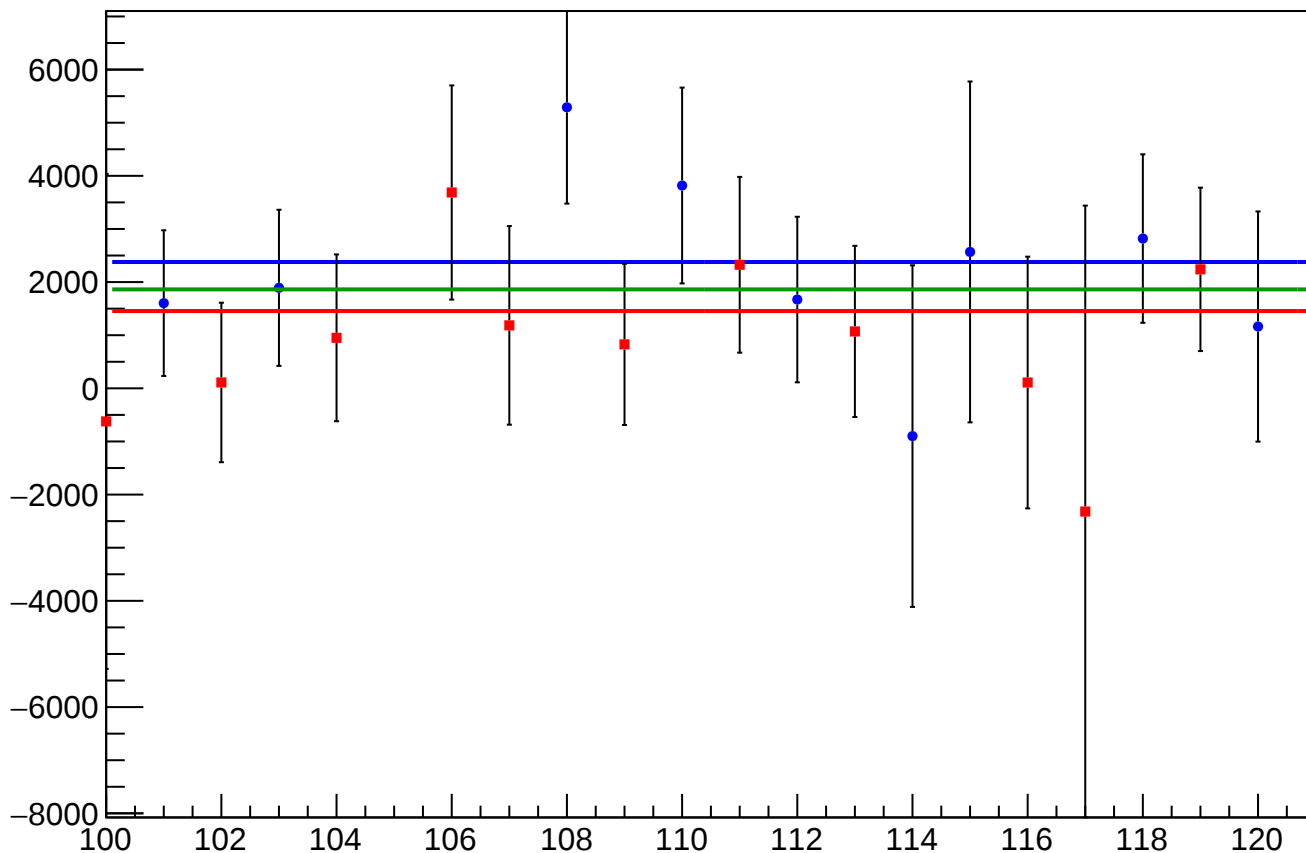
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1534.164+/-0.596 χ^2/NDF : 144715.8/8

1551.156+/-0.401 χ^2/NDF : 513666.0/20

1565.183+/-0.541 χ^2/NDF : 367465.7/11

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 2378.077 $\pm$ 596.522 χ^2 /NDF: 5.3/8

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

Right Out: 1455.386 $\pm$ 530.162 χ^2 /NDF: 4.8/11

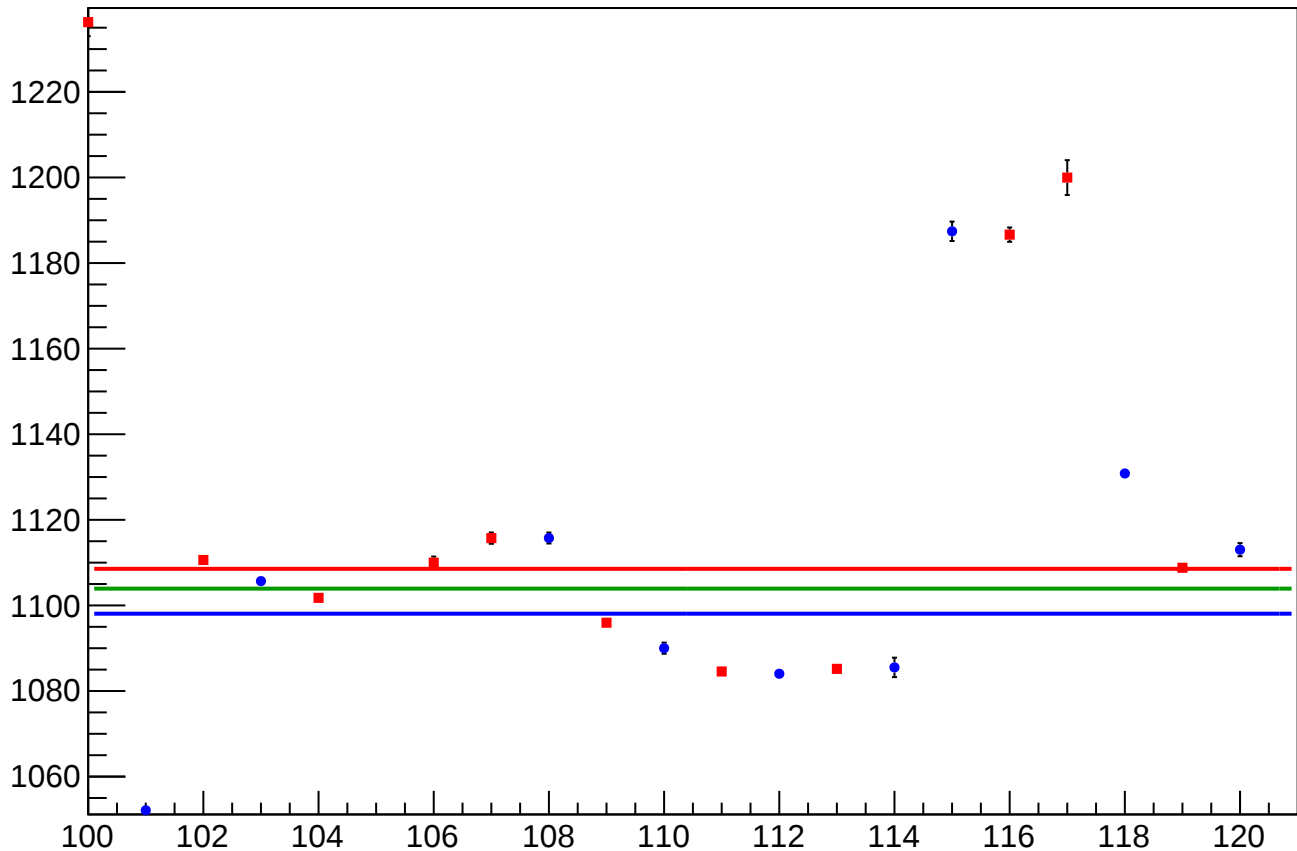
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2378.077 $\pm$ 596.522 χ^2 /NDF: 5.3/8

1862.574 $\pm$ 396.274 χ^2 /NDF: 11.4/20

1455.386 $\pm$ 530.162 χ^2 /NDF: 4.8/11

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1098.068 $\pm$ 0.422 χ^2 /NDF: 5221.2/8

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

Right Out: 1108.550 $\pm$ 0.375 χ^2 /NDF: 5231.2/11

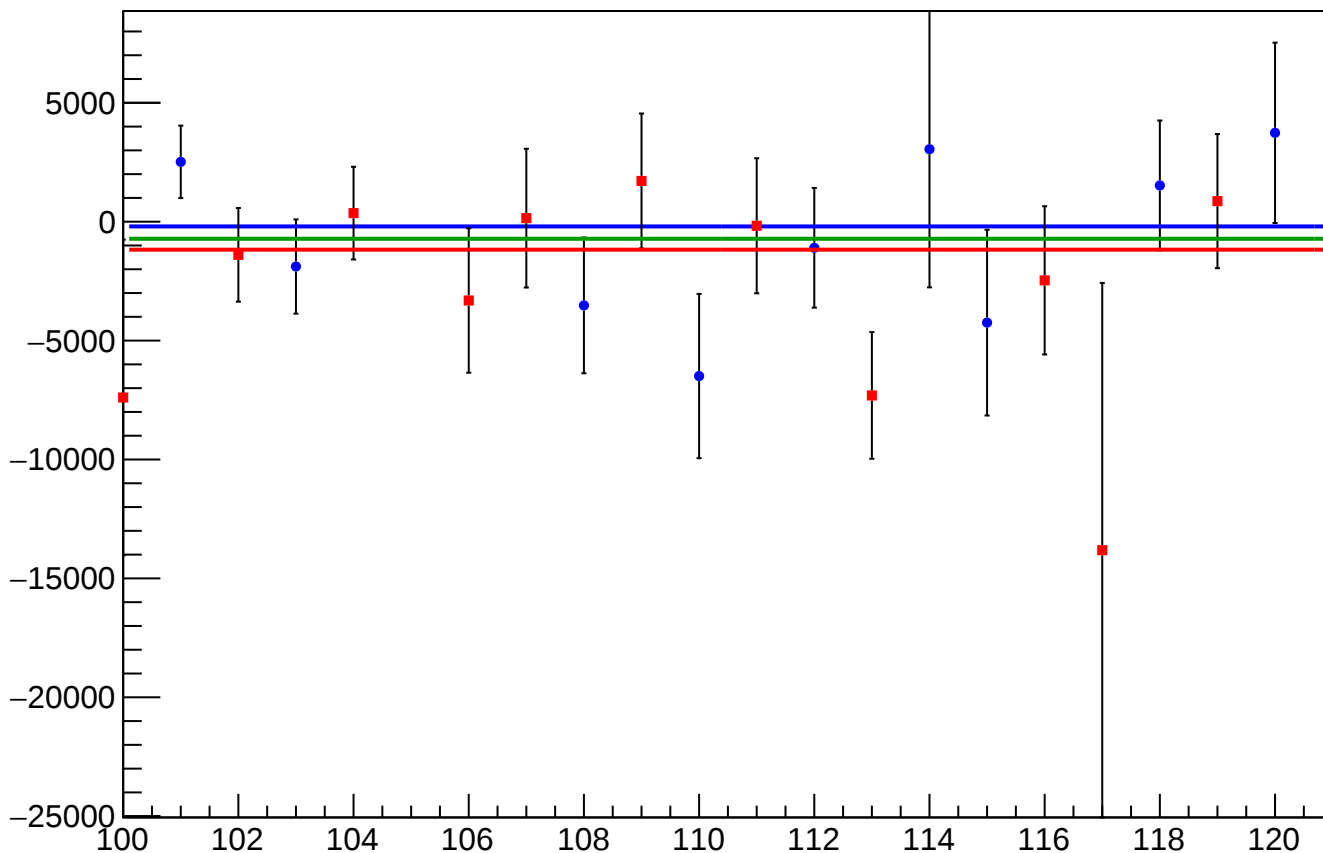
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1098.068 $\pm$ 0.422 χ^2 /NDF: 5221.2/8

1103.924 $\pm$ 0.280 χ^2 /NDF: 10797.4/20

1108.550 $\pm$ 0.375 χ^2 /NDF: 5231.2/11

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -198.716+/-861.063 χ^2/NDF : 11.6/8

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

Right Out: -1176.372+/-809.003 χ^2/NDF : 11.0/11

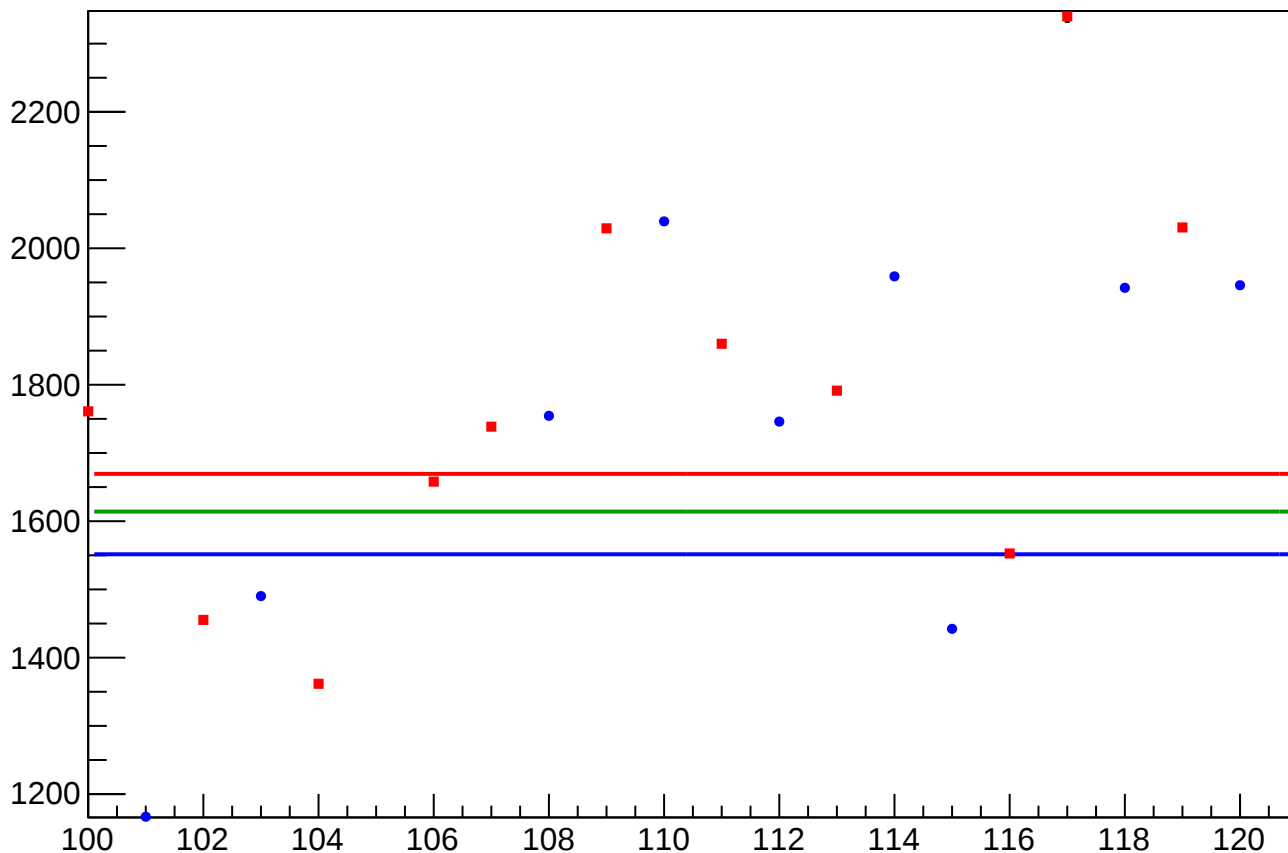
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-198.716+/-861.063 χ^2/NDF : 11.6/8

-717.990+/-589.597 χ^2/NDF : 23.3/20

-1176.372+/-809.003 χ^2/NDF : 11.0/11

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1551.514+/-0.609 χ^2/NDF : 265369.2/8

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

Right Out: 1669.362+/-0.572 χ^2/NDF : 163173.7/11

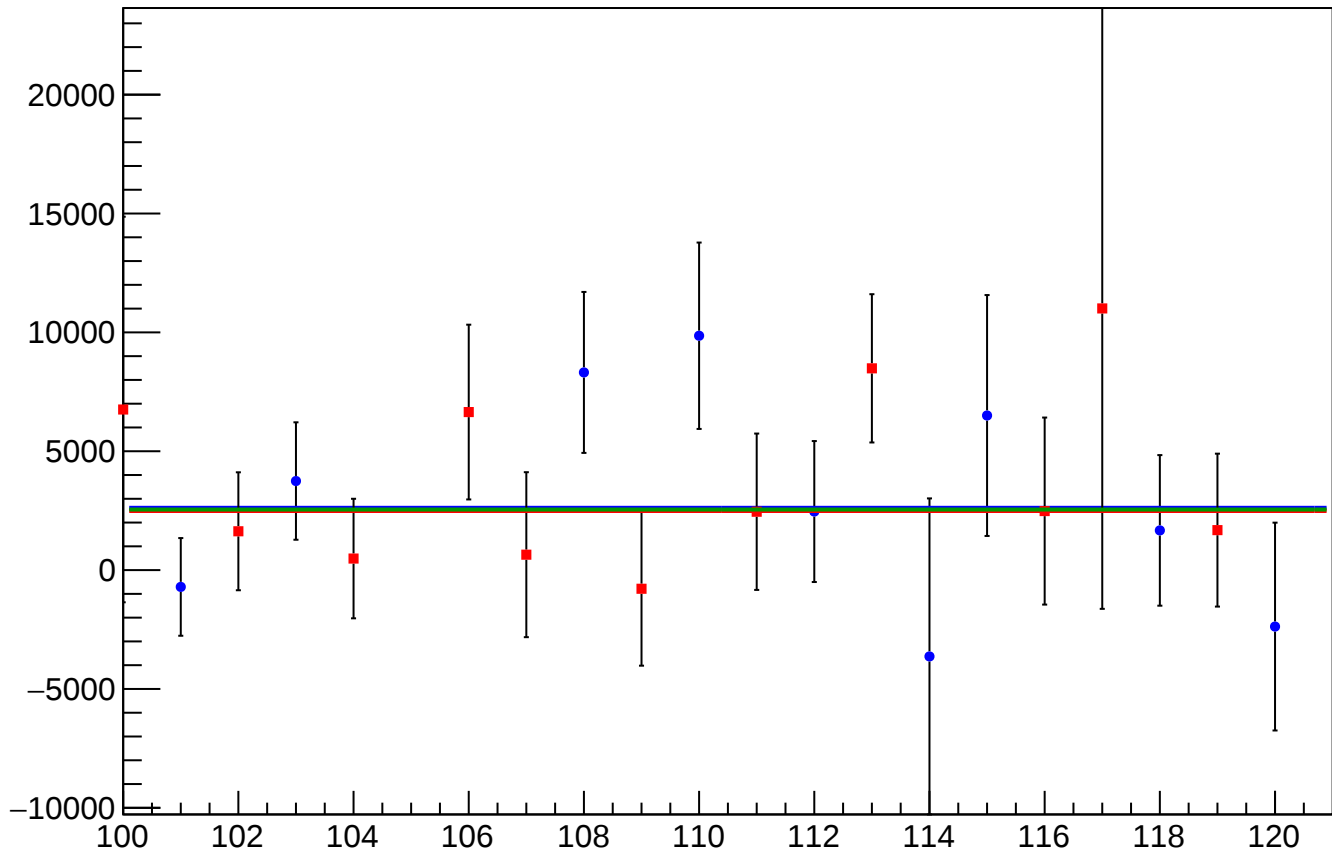
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1551.514+/-0.609 χ^2/NDF : 265369.2/8

1614.108+/-0.417 χ^2/NDF : 448441.4/20

1669.362+/-0.572 χ^2/NDF : 163173.7/11

asym_usr_mean vs Slug, Sign Corrected



Right In: 2620.610+/-1065.742 χ^2/NDF : 11.9/8

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

Right Out: 2486.218+/-978.924 χ^2/NDF : 7.9/11

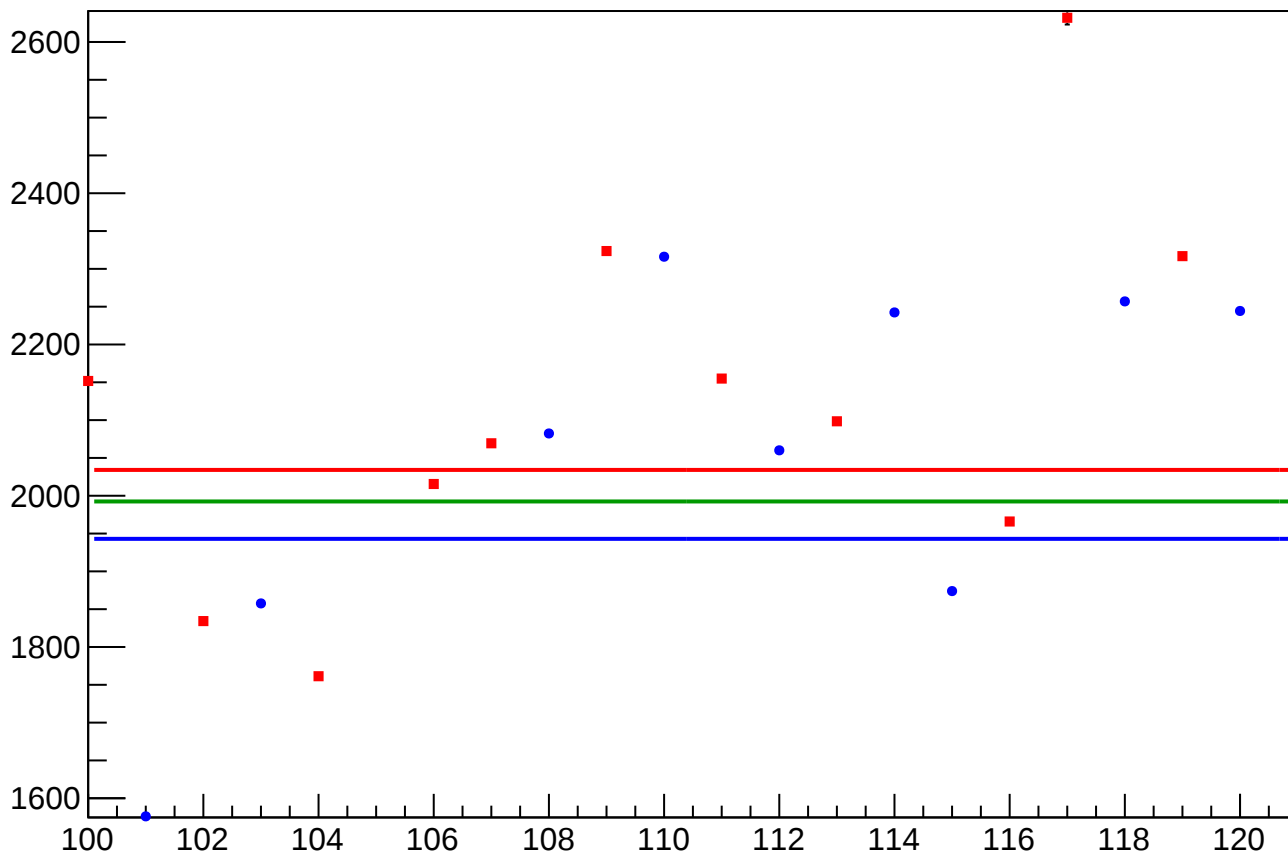
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2620.610+/-1065.742 χ^2/NDF : 11.9/8

2547.718+/-720.946 χ^2/NDF : 19.8/20

2486.218+/-978.924 χ^2/NDF : 7.9/11

asym_usr_rms vs Slug, Sign Corrected



Right In: 1942.998 $\pm$ 0.754 χ^2 /NDF: 124378.0/8

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

Right Out: 2034.144 $\pm$ 0.692 χ^2 /NDF: 77275.0/11

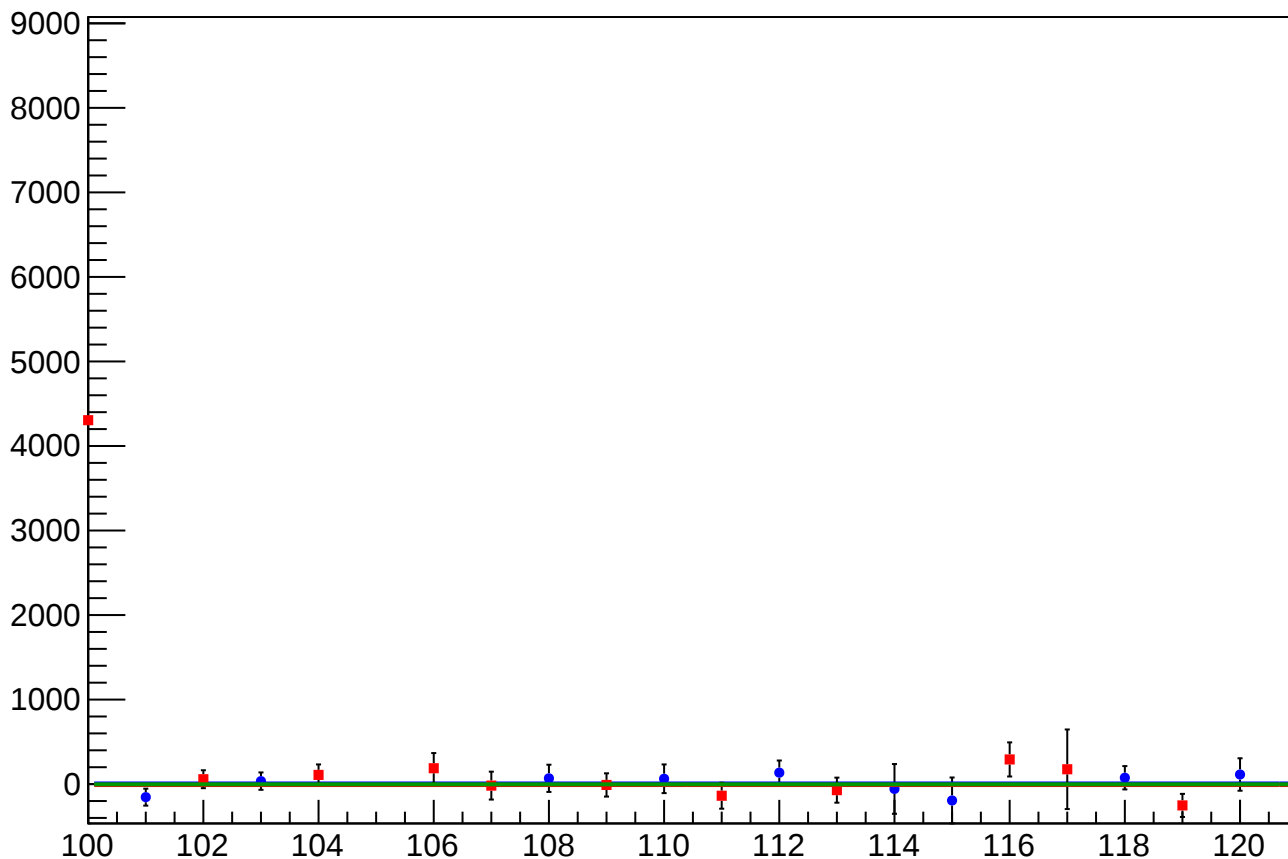
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1942.998 $\pm$ 0.754 χ^2 /NDF: 124378.0/8

1992.434 $\pm$ 0.510 χ^2 /NDF: 209587.2/20

2034.144 $\pm$ 0.692 χ^2 /NDF: 77275.0/11

reg_asym_dsl_mean vs Slug, Sign Corrected



Right In: 7.557+/-48.760 χ^2/NDF : 4.9/8

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

Right Out: -11.030+/-45.517 χ^2/NDF : 11.3/11

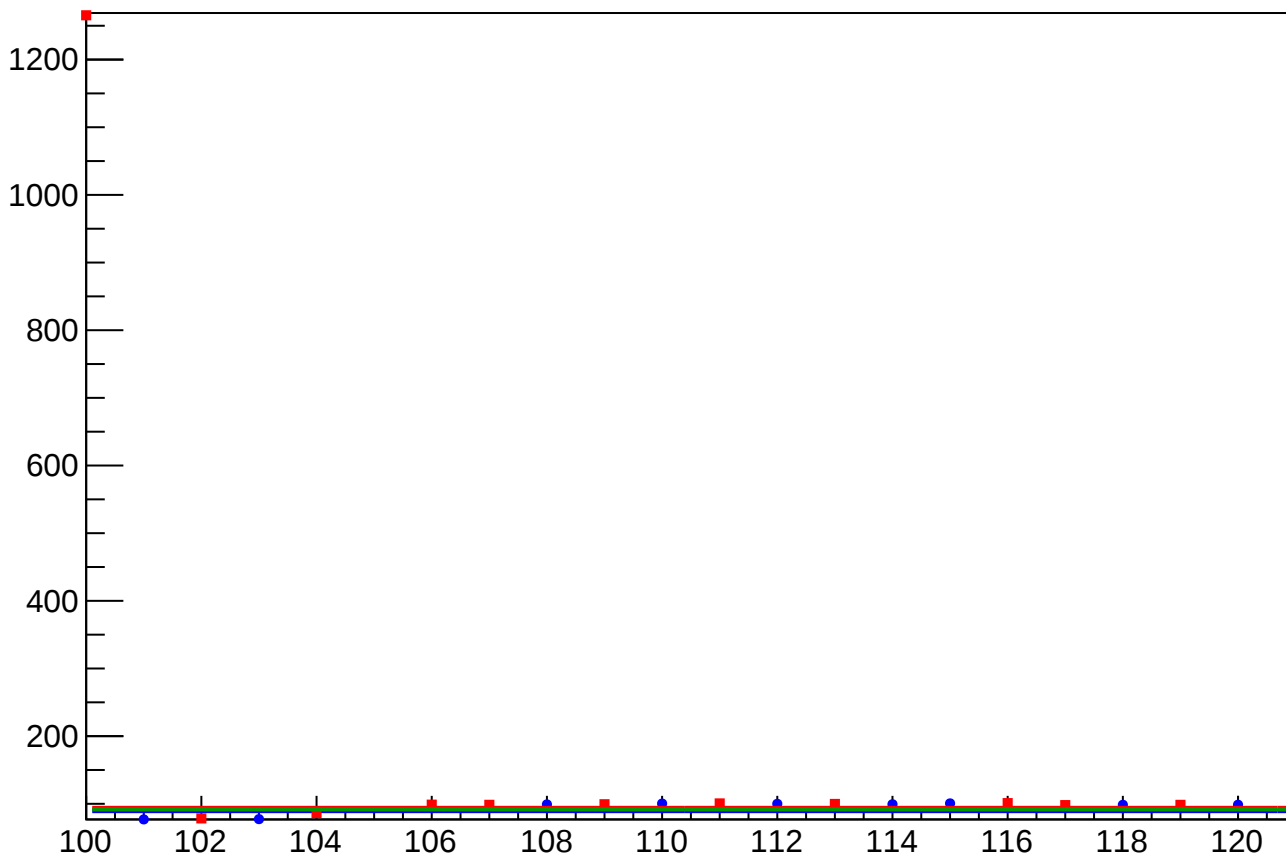
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7.557+/-48.760 χ^2/NDF : 4.9/8

-2.375+/-33.273 χ^2/NDF : 16.2/20

-11.030+/-45.517 χ^2/NDF : 11.3/11

reg_asym_dsl_rms vs Slug, Sign Corrected



Right In: 89.117+/-0.034 χ^2/NDF : 103582.9/8

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

Right Out: 94.068+/-0.032 χ^2/NDF : 193648.3/11

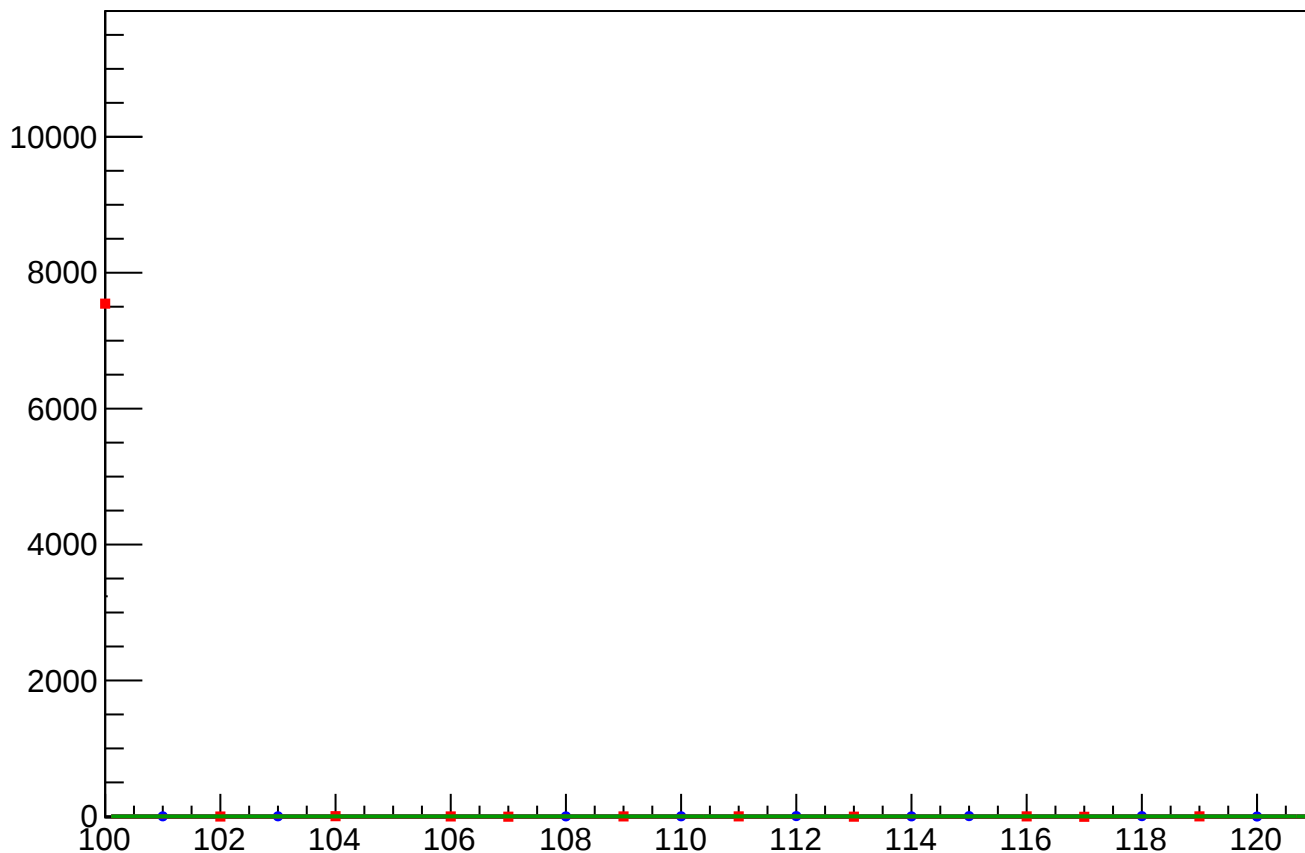
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

89.117+/-0.034 χ^2/NDF : 103582.9/8

91.763+/-0.024 χ^2/NDF : 308253.2/20

94.068+/-0.032 χ^2/NDF : 193648.3/11

asym_dsl_correction_mean vs Slug, Sign Corrected



Right In: 1.301+/-0.778 χ^2/NDF : 3.7/8

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

Right Out: -1.264+/-0.787 χ^2/NDF : 11.5/11

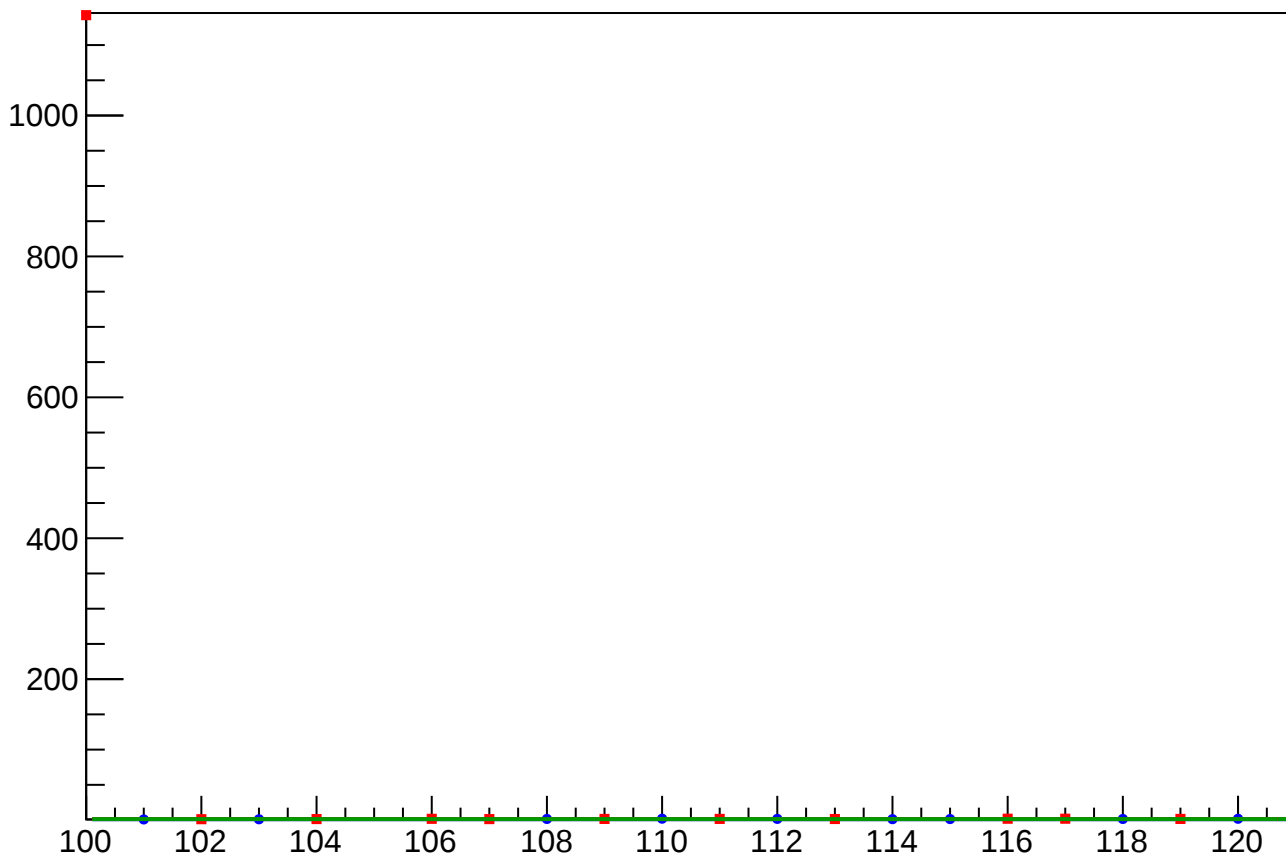
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.301+/-0.778 χ^2/NDF : 3.7/8

0.033+/-0.553 χ^2/NDF : 20.6/20

-1.264+/-0.787 χ^2/NDF : 11.5/11

asym_dsl_correction_rms vs Slug, Sign Corrected



Right In: 1.260+/-0.001 χ^2/NDF : 412130.3/8

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

Right Out: 1.493+/-0.001 χ^2/NDF : 252569.4/11

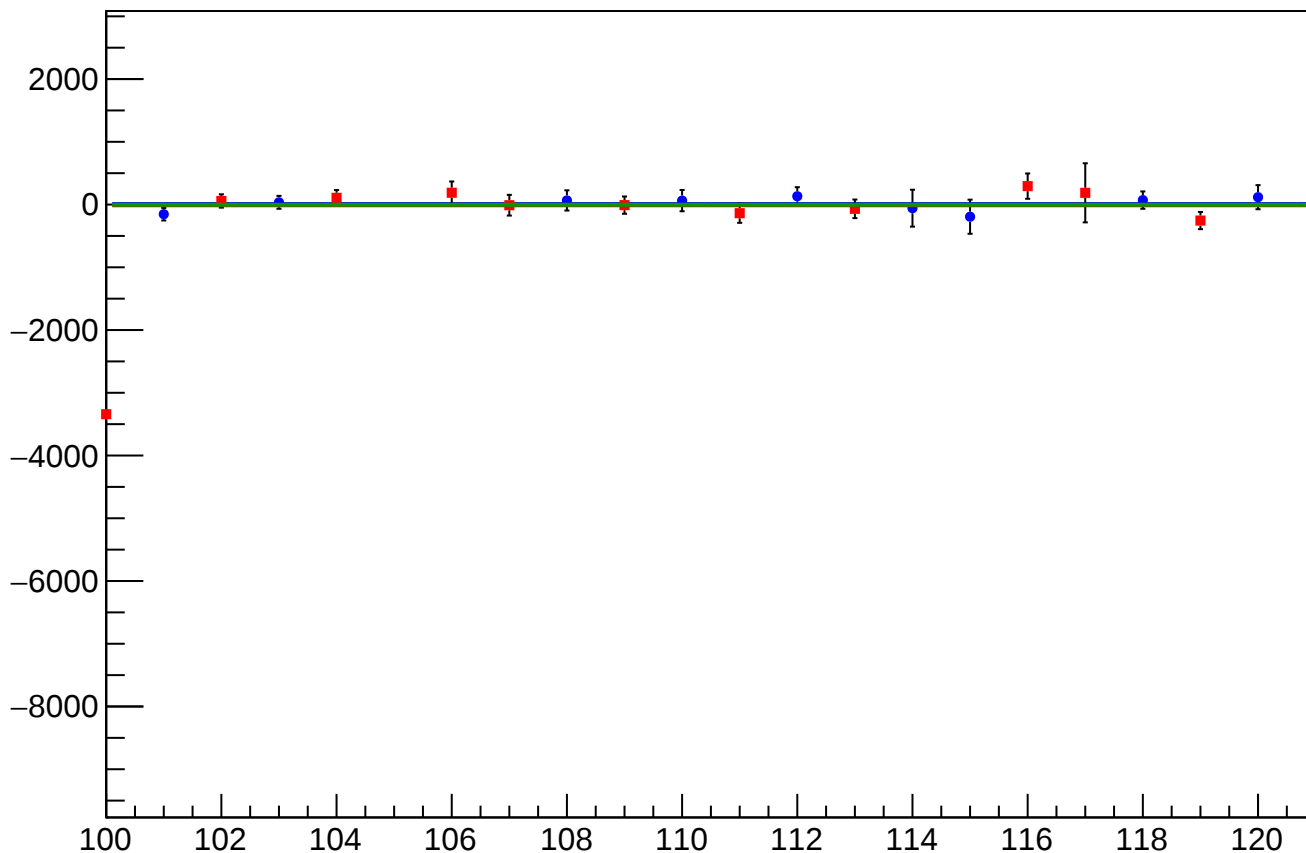
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.260+/-0.001 χ^2/NDF : 412130.3/8

1.375+/-0.000 χ^2/NDF : 753398.0/20

1.493+/-0.001 χ^2/NDF : 252569.4/11

asym_dsl_mean vs Slug, Sign Corrected



Right In: 6.859+/-48.773 χ^2 /NDF: 4.8/8

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

Right Out: -11.281+/-45.530 χ^2 /NDF: 10.8/11

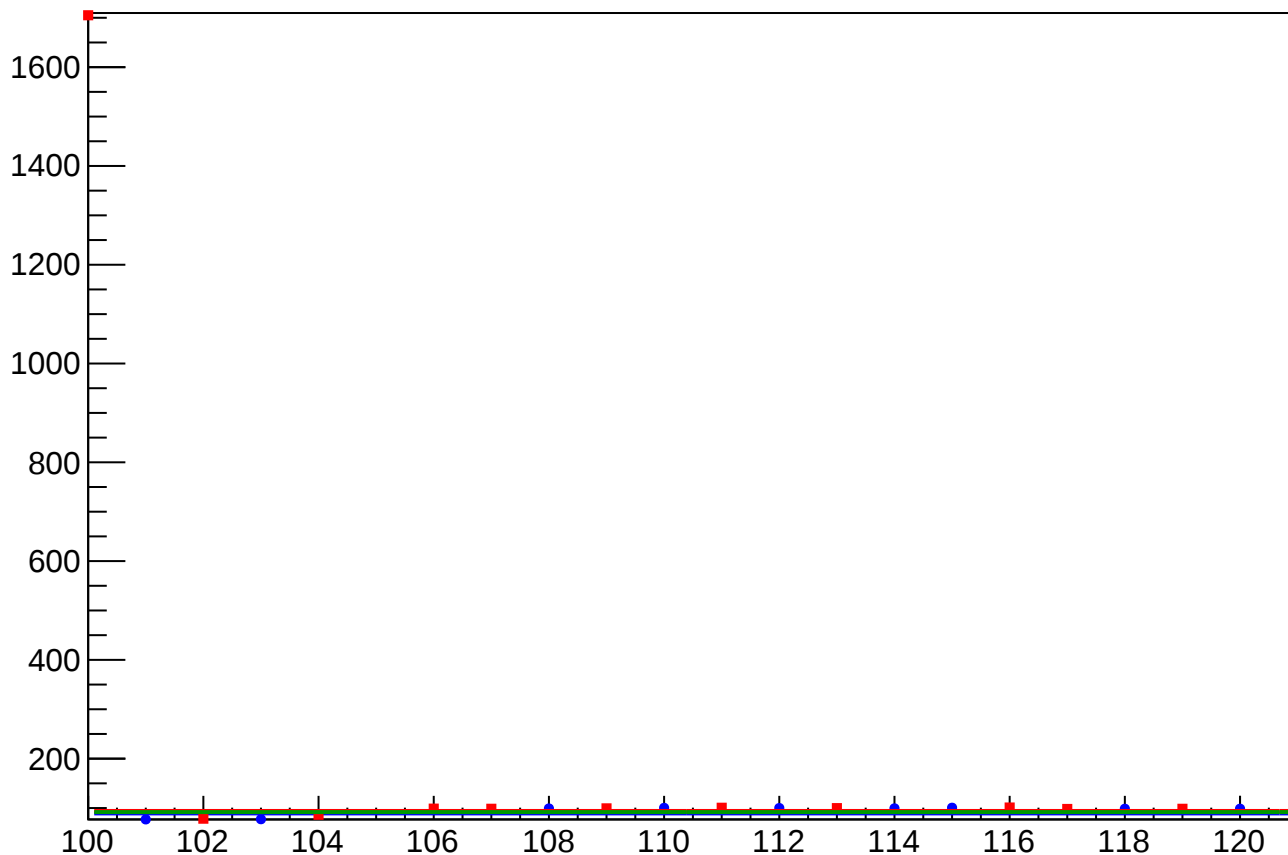
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

6.859+/-48.773 χ^2 /NDF: 4.8/8

-2.834+/-33.282 χ^2 /NDF: 15.7/20

-11.281+/-45.530 χ^2 /NDF: 10.8/11

asym_dsl_rms vs Slug, Sign Corrected



Right In: 89.139+/-0.034 χ^2/NDF : 103593.4/8

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

Right Out: 94.067+/-0.032 χ^2/NDF : 198666.9/11

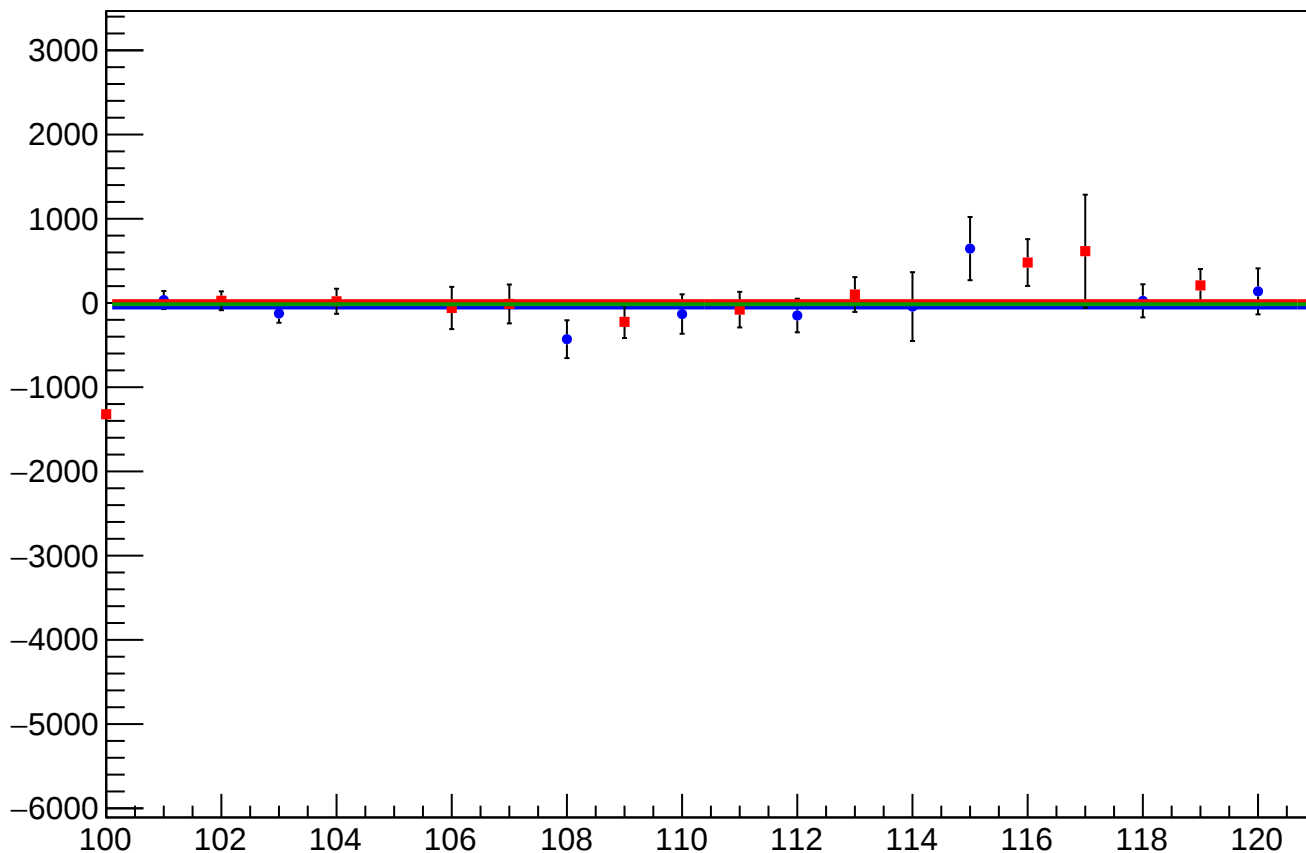
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

89.139+/-0.034 χ^2/NDF : 103593.4/8

91.772+/-0.024 χ^2/NDF : 313172.2/20

94.067+/-0.032 χ^2/NDF : 198666.9/11

reg_asym_dsr_mean vs Slug, Sign Corrected



Right In: -53.104 $\pm$ 59.245 χ^2 /NDF: 8.4/8

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

Right Out: 21.120 $\pm$ 58.293 χ^2 /NDF: 7.3/11

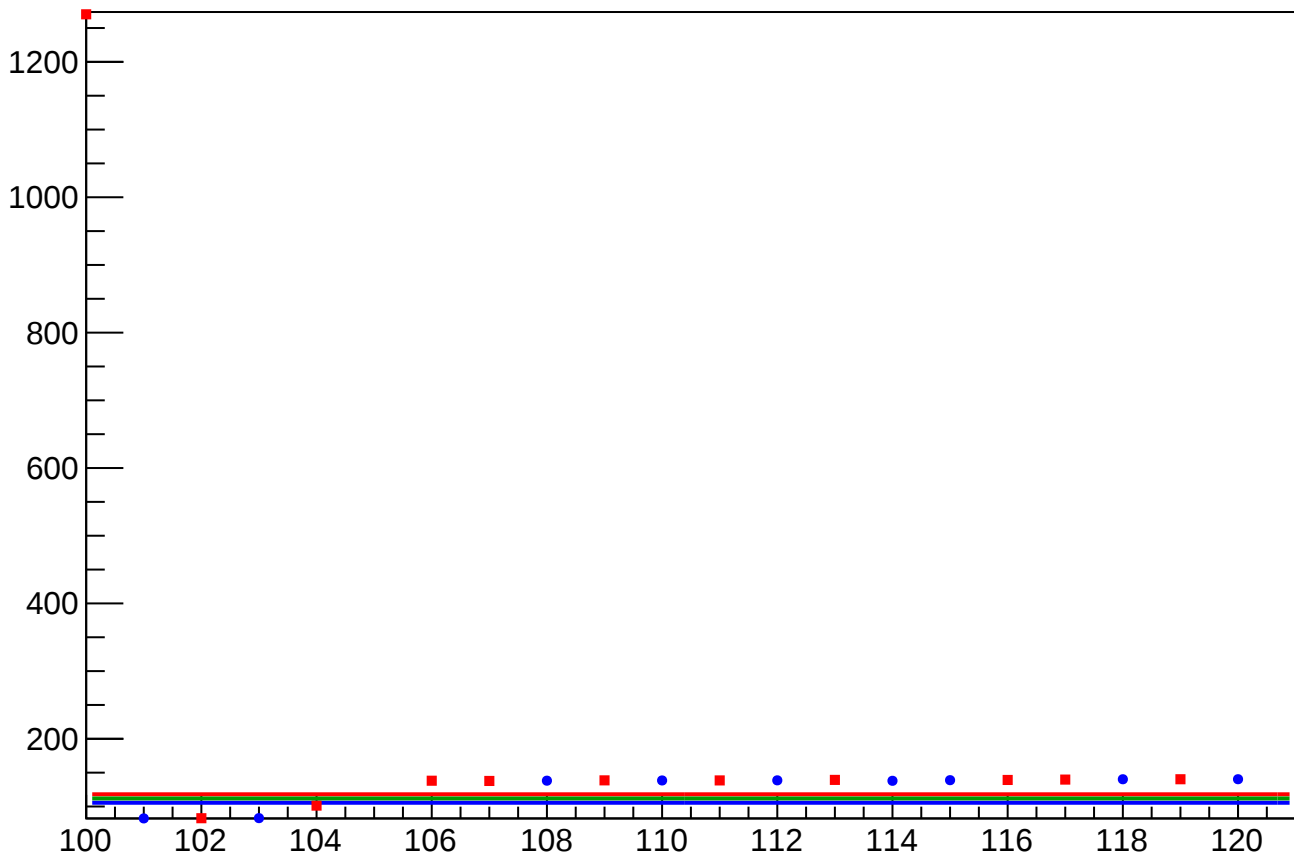
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-53.104 $\pm$ 59.245 χ^2 /NDF: 8.4/8

-15.391 $\pm$ 41.552 χ^2 /NDF: 16.5/20

21.120 $\pm$ 58.293 χ^2 /NDF: 7.3/11

reg_asym_dsr_rms vs Slug, Sign Corrected



Right In: 105.528+/-0.042 χ^2/NDF : 438116.0/8

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

Right Out: 118.033+/-0.041 χ^2/NDF : 488973.0/11

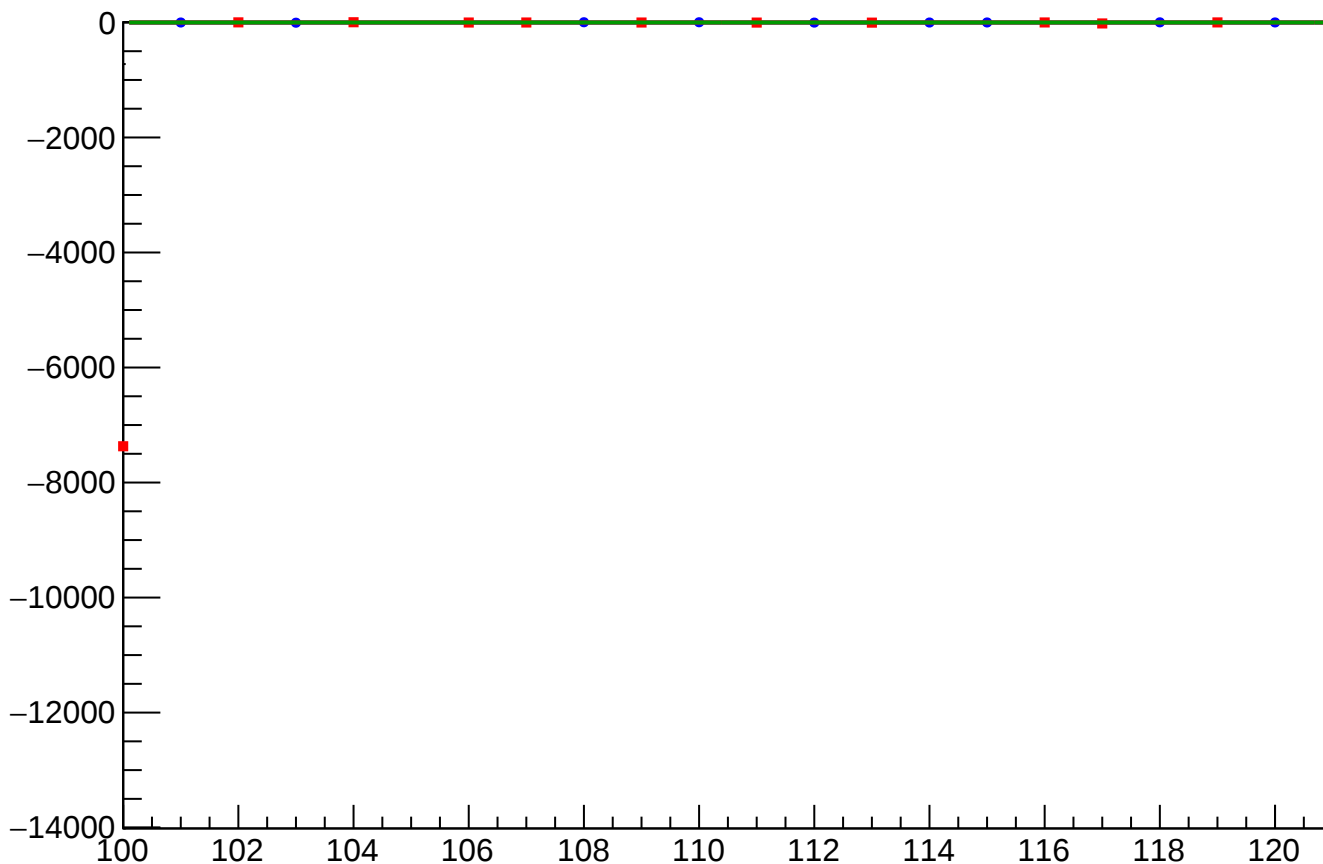
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

105.528+/-0.042 χ^2/NDF : 438116.0/8

111.882+/-0.029 χ^2/NDF : 972367.5/20

118.033+/-0.041 χ^2/NDF : 488973.0/11

asym_dsr_correction_mean vs Slug, Sign Corrected



Right In: -1.074+/-1.025 χ^2 /NDF: 6.5/8

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

Right Out: -0.176+/-1.052 χ^2 /NDF: 7.6/11

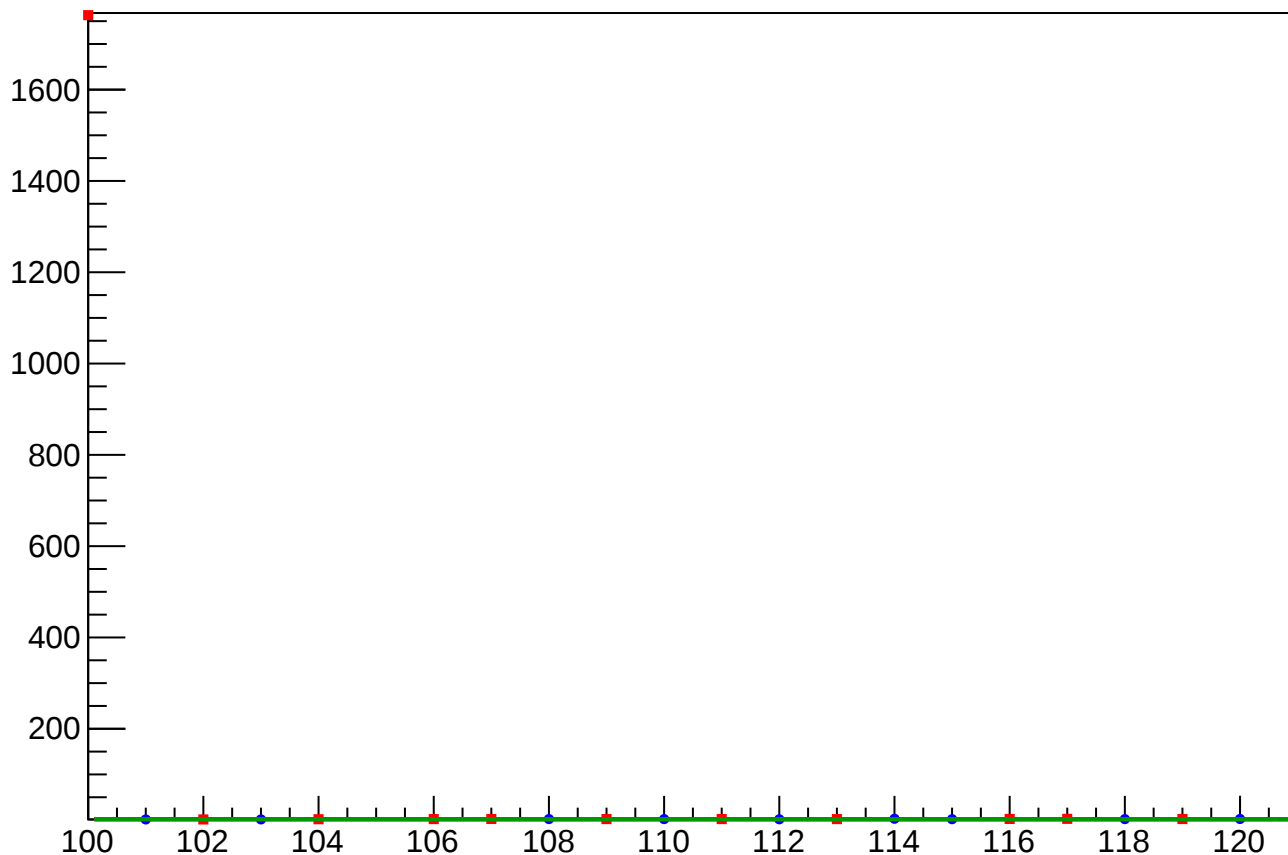
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.074+/-1.025 χ^2 /NDF: 6.5/8

-0.637+/-0.734 χ^2 /NDF: 14.5/20

-0.176+/-1.052 χ^2 /NDF: 7.6/11

asym_dsr_correction_rms vs Slug, Sign Corrected



Right In: 1.700+/-0.001 χ^2/NDF : 264342.1/8

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

Right Out: 1.973+/-0.001 χ^2/NDF : 451031.1/11

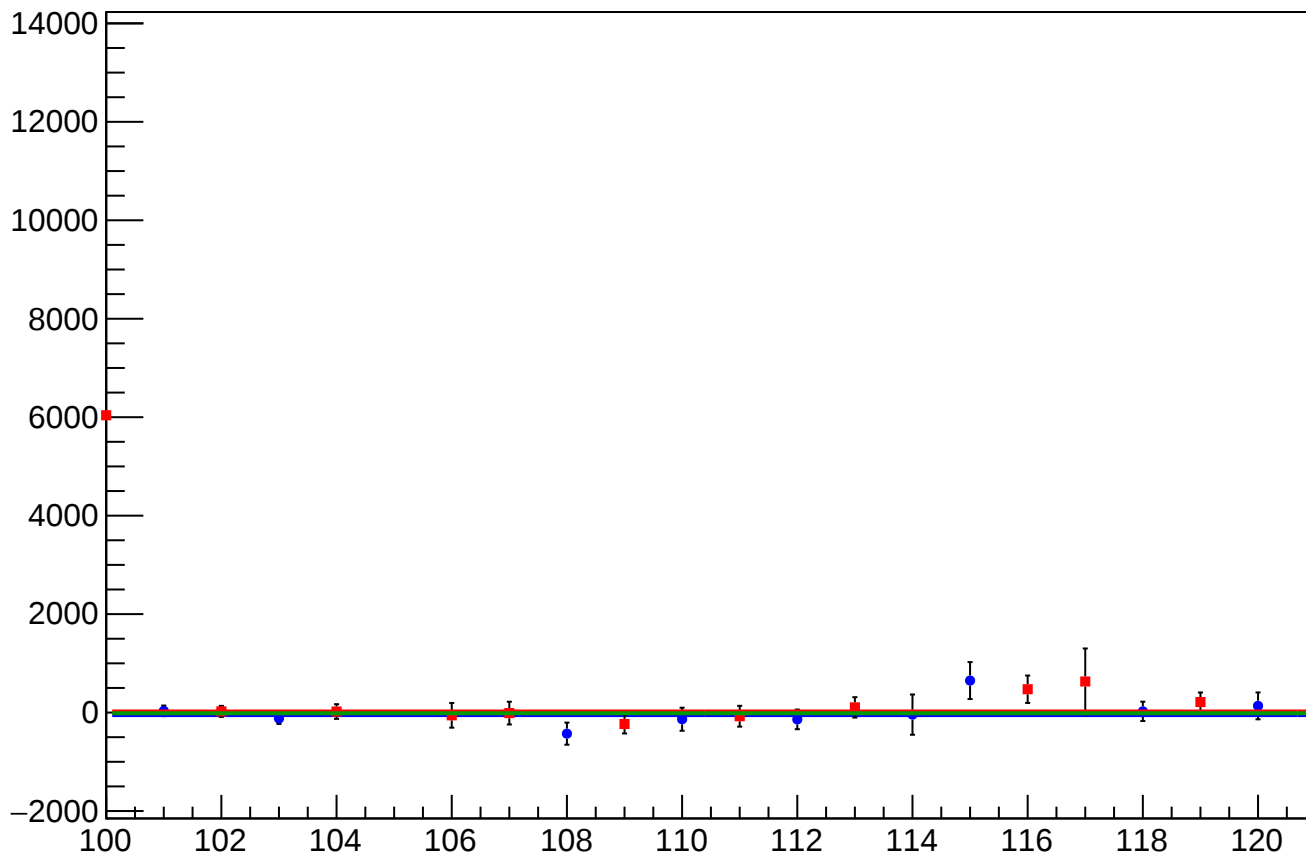
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.700+/-0.001 χ^2/NDF : 264342.1/8

1.833+/-0.001 χ^2/NDF : 784466.8/20

1.973+/-0.001 χ^2/NDF : 451031.1/11

asym_dsr_mean vs Slug, Sign Corrected



Right In: -51.200+/-59.261 χ^2 /NDF: 8.3/8

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

Right Out: 21.984+/-58.312 χ^2 /NDF: 7.8/11

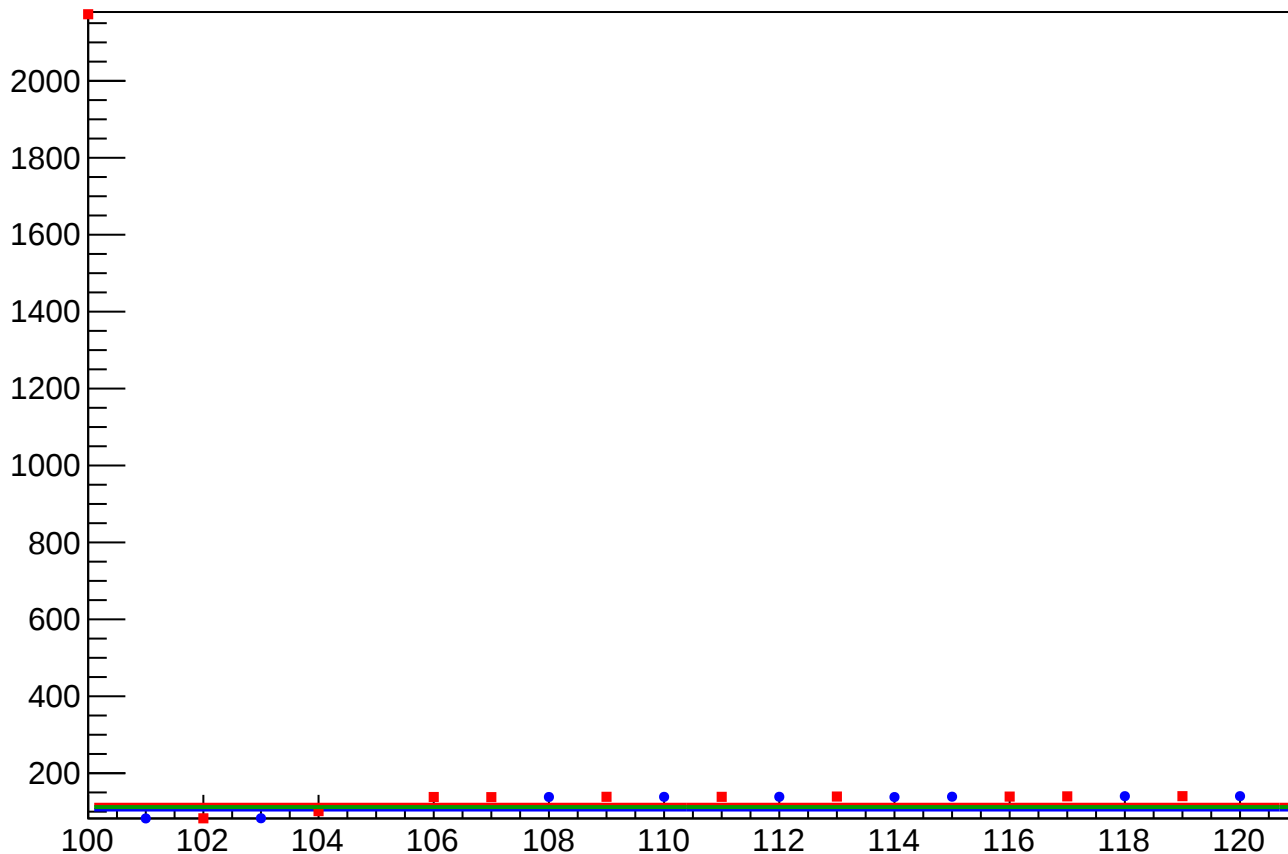
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-51.200+/-59.261 χ^2 /NDF: 8.3/8

-14.017+/-41.564 χ^2 /NDF: 16.9/20

21.984+/-58.312 χ^2 /NDF: 7.8/11

asym_dsr_rms vs Slug, Sign Corrected



Right In: 105.555 $\pm$ 0.042 χ^2 /NDF: 438101.1/8

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

Right Out: 117.999 $\pm$ 0.041 χ^2 /NDF: 499038.5/11

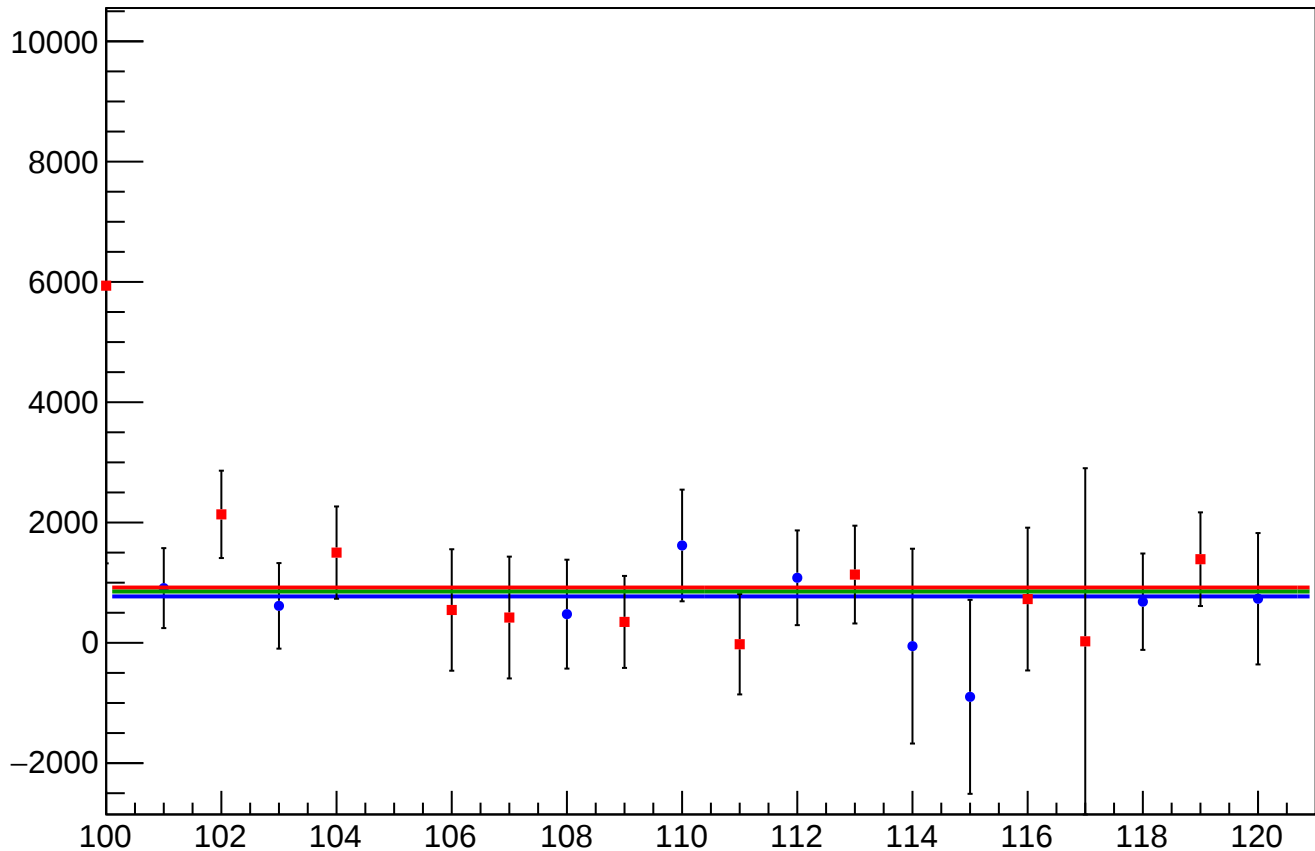
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

105.555 $\pm$ 0.042 χ^2 /NDF: 438101.1/8

111.877 $\pm$ 0.029 χ^2 /NDF: 981943.2/20

117.999 $\pm$ 0.041 χ^2 /NDF: 499038.5/11

reg_asym_left_avg_mean vs Slug, Sign Corrected



Right In: 771.535 $\pm$ 296.215 χ^2 /NDF: 2.5/8

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

Right Out: 919.043 $\pm$ 267.394 χ^2 /NDF: 8.5/11

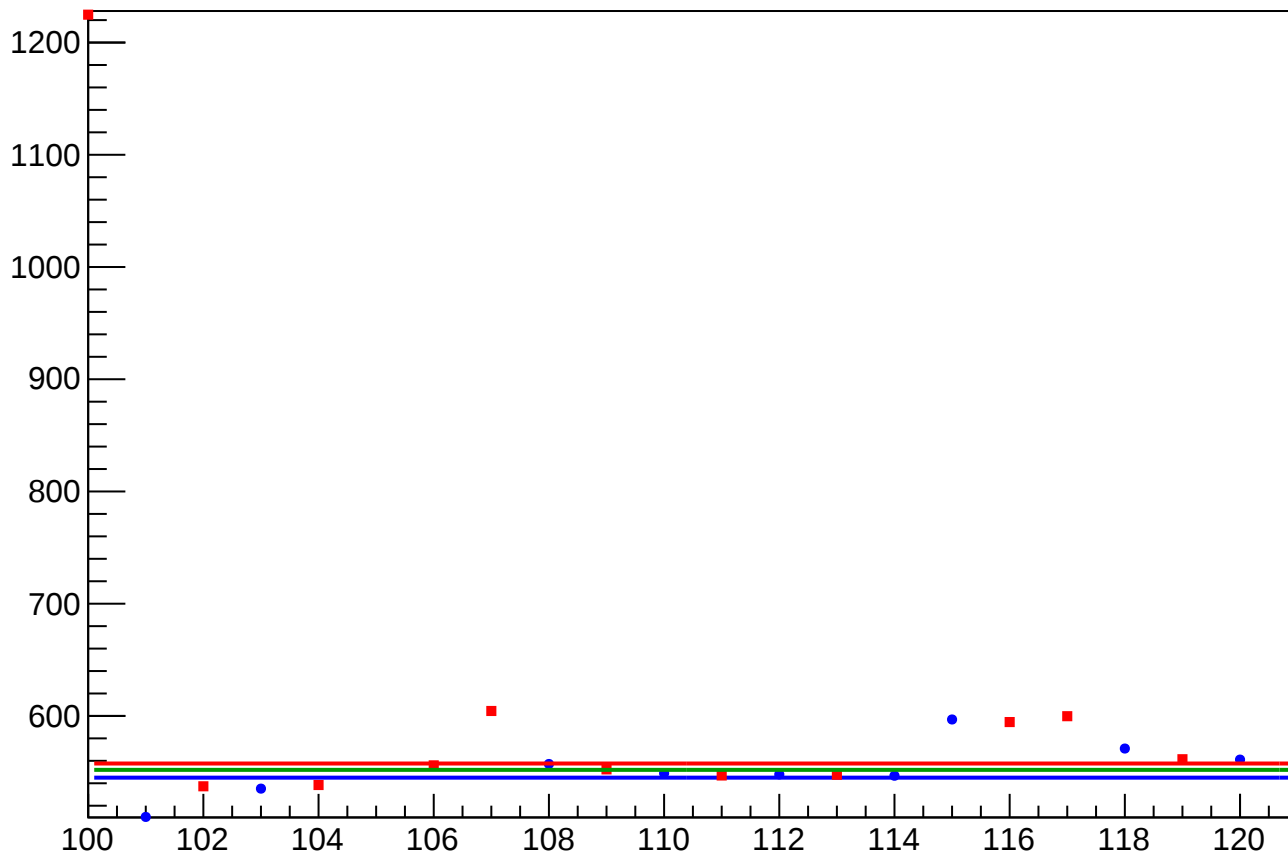
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

771.535 $\pm$ 296.215 χ^2 /NDF: 2.5/8

852.813 $\pm$ 198.485 χ^2 /NDF: 11.2/20

919.043 $\pm$ 267.394 χ^2 /NDF: 8.5/11

reg_asym_left_avg_rms vs Slug, Sign Corrected



Right In: 545.008 $\pm$ 0.209 χ^2 /NDF: 10947.0/8

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

Right Out: 557.609 $\pm$ 0.189 χ^2 /NDF: 52020.2/11

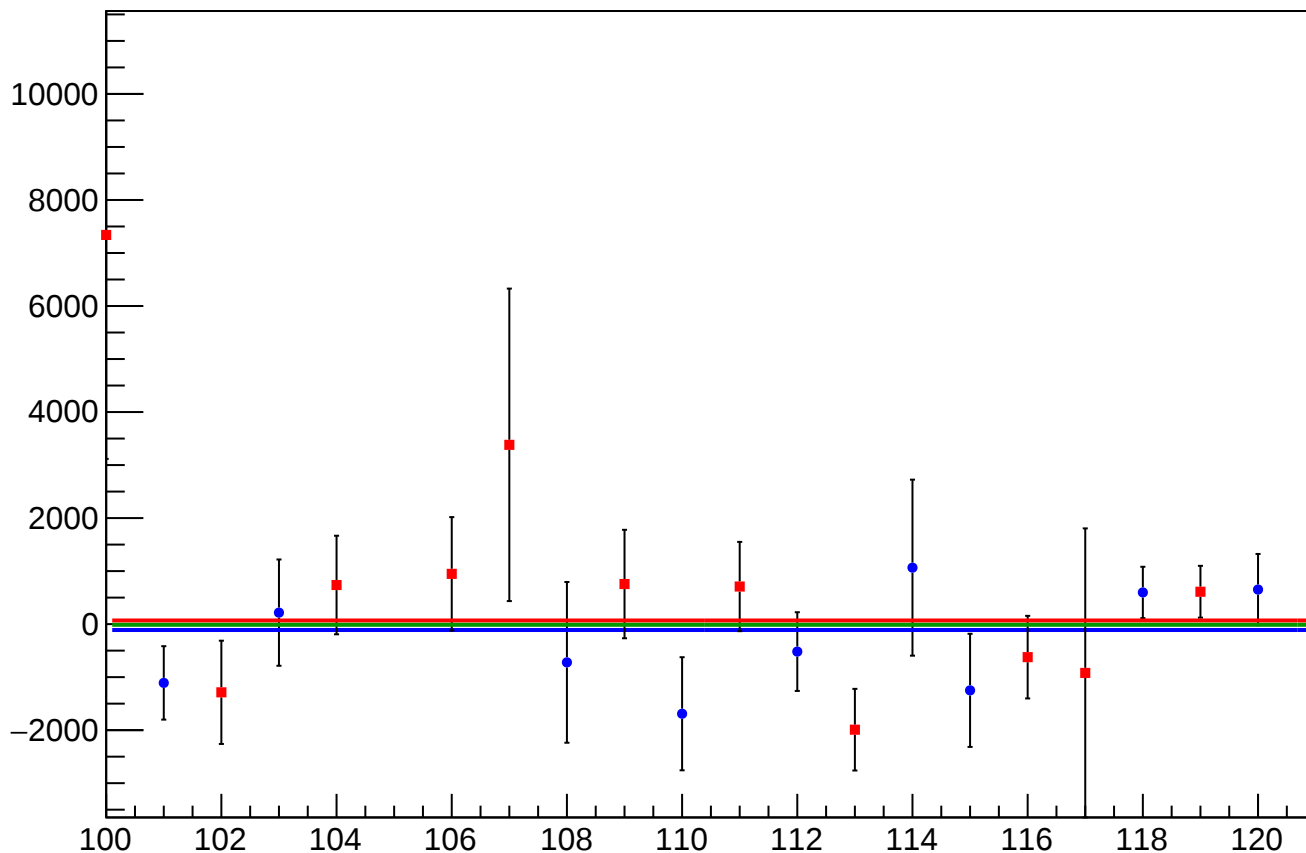
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

545.008 $\pm$ 0.209 χ^2 /NDF: 10947.0/8

551.951 $\pm$ 0.140 χ^2 /NDF: 64961.5/20

557.609 $\pm$ 0.189 χ^2 /NDF: 52020.2/11

asym_left_avg_correction_mean vs Slug, Sign Corrected



Right In: -111.288+/-267.852 χ^2/NDF : 9.9/8

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

Right Out: 68.556+/-243.020 χ^2/NDF : 17.7/11

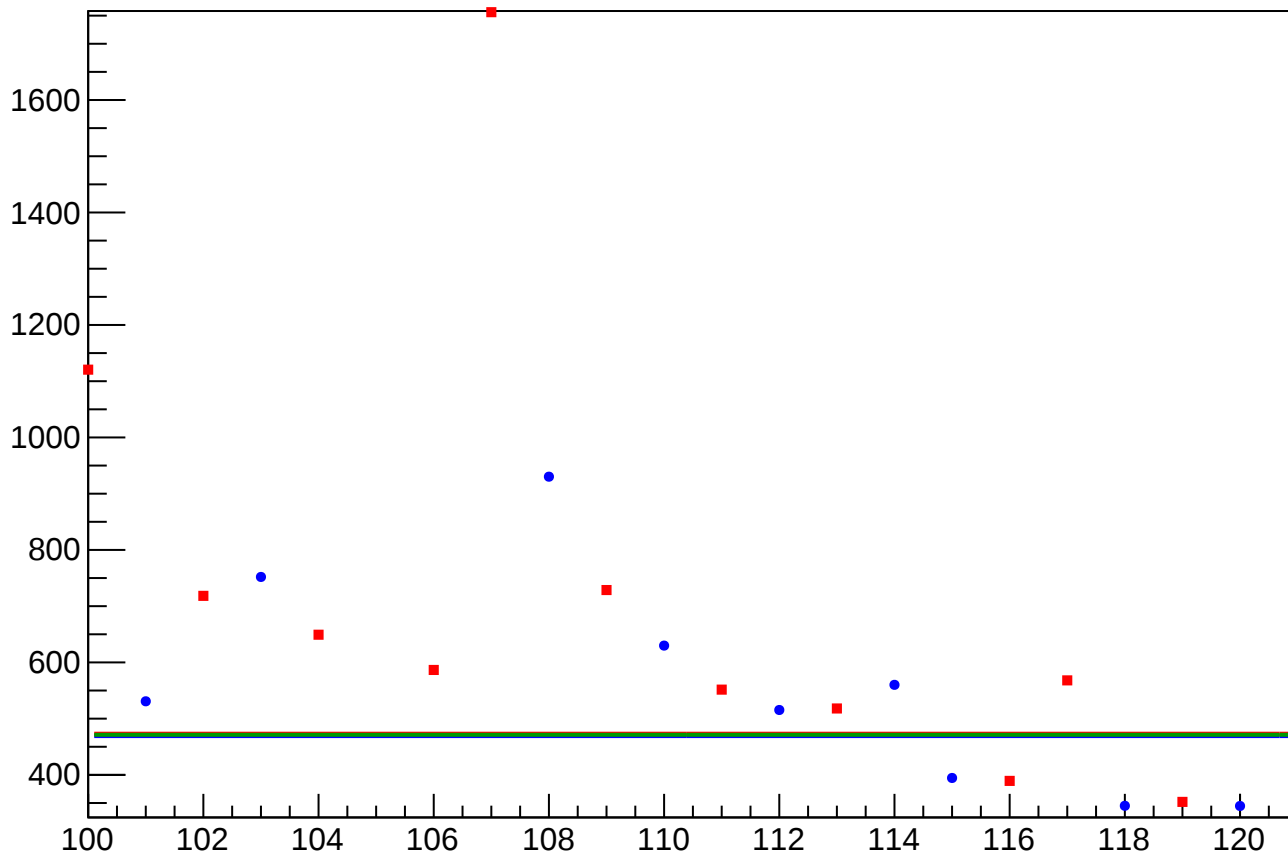
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-111.288+/-267.852 χ^2/NDF : 9.9/8

-12.645+/-179.981 χ^2/NDF : 27.9/20

68.556+/-243.020 χ^2/NDF : 17.7/11

asym_left_avg_correction_rms vs Slug, Sign Corrected



Right In: 468.988+/-0.189 χ^2/NDF : 629263.0/8

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

Right Out: 473.227+/-0.172 χ^2/NDF : 1105596.4/11

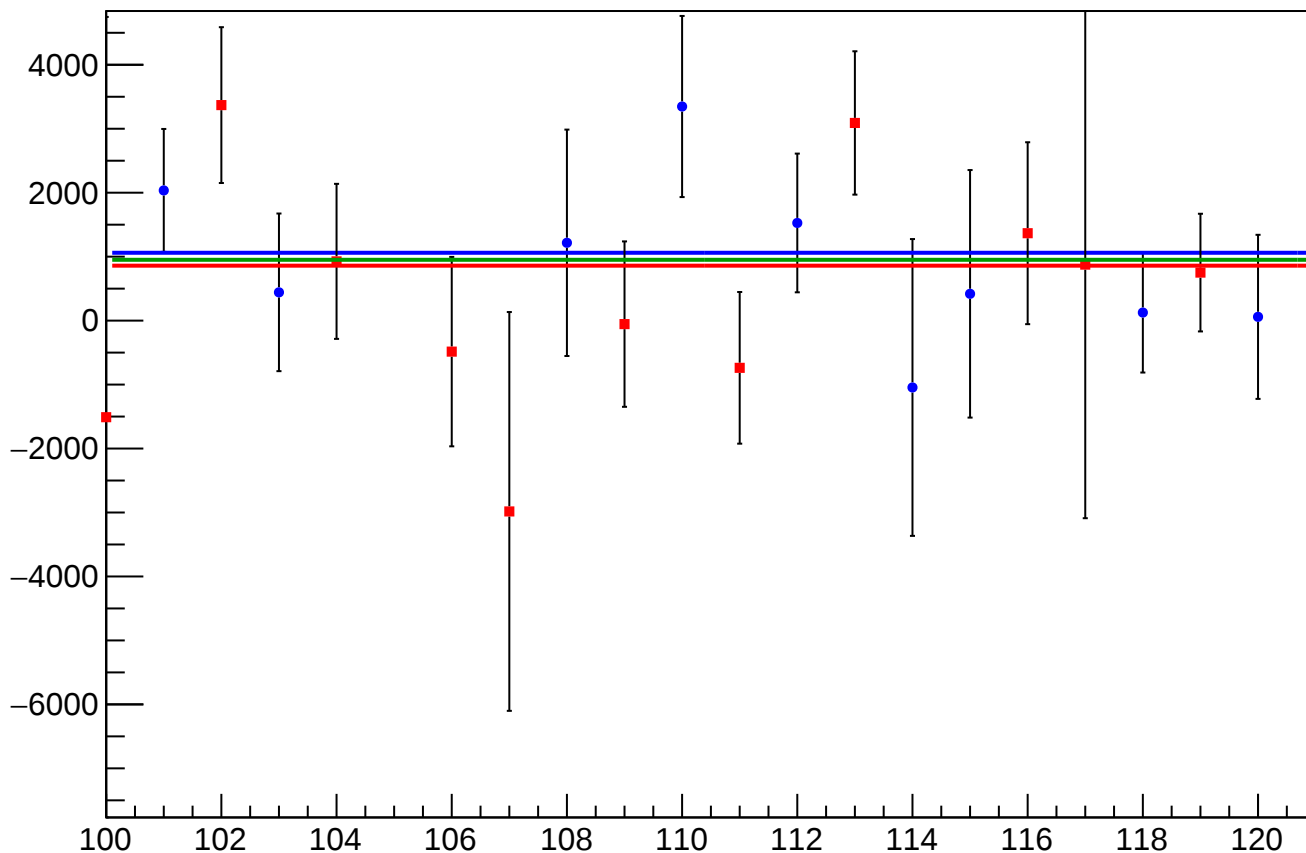
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

468.988+/-0.189 χ^2/NDF : 629263.0/8

471.313+/-0.127 χ^2/NDF : 1735134.1/20

473.227+/-0.172 χ^2/NDF : 1105596.4/11

asym_left_avg_mean vs Slug, Sign Corrected



Right In: 1060.792+/-422.273 χ^2/NDF : 6.6/8

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

Right Out: 859.221+/-385.932 χ^2/NDF : 14.0/11

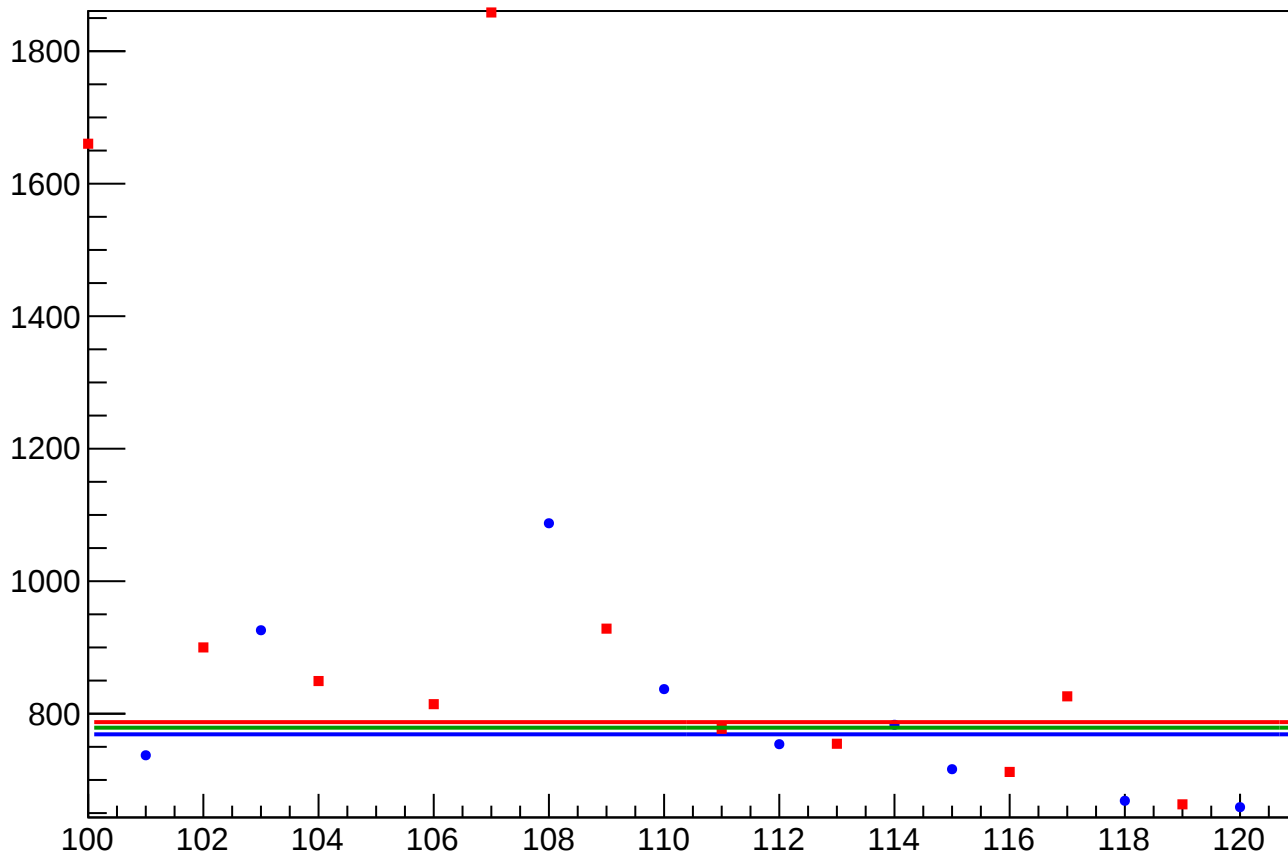
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1060.792+/-422.273 χ^2/NDF : 6.6/8

950.961+/-284.878 χ^2/NDF : 20.7/20

859.221+/-385.932 χ^2/NDF : 14.0/11

asym_left_avg_rms vs Slug, Sign Corrected



Right In: 768.880+/-0.299 χ^2/NDF : 143641.2/8

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

Right Out: 787.285+/-0.273 χ^2/NDF : 403977.5/11

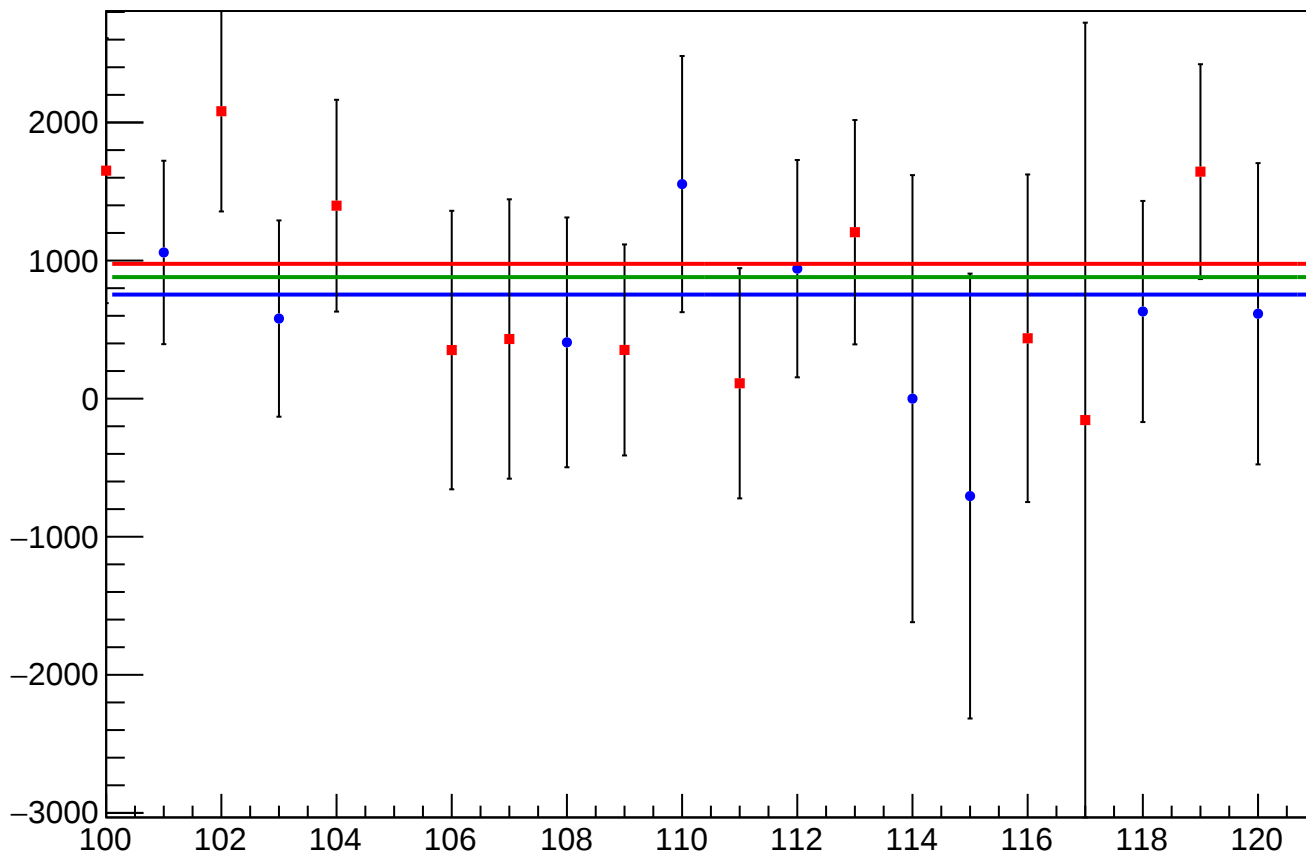
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

768.880+/-0.299 χ^2/NDF : 143641.2/8

778.909+/-0.201 χ^2/NDF : 549688.8/20

787.285+/-0.273 χ^2/NDF : 403977.5/11

reg_asym_left_dd_mean vs Slug, Sign Corrected



Right In: 753.734+/-295.995 χ^2/NDF : 2.3/8

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

Right Out: 976.326+/-257.783 χ^2/NDF : 7.5/11

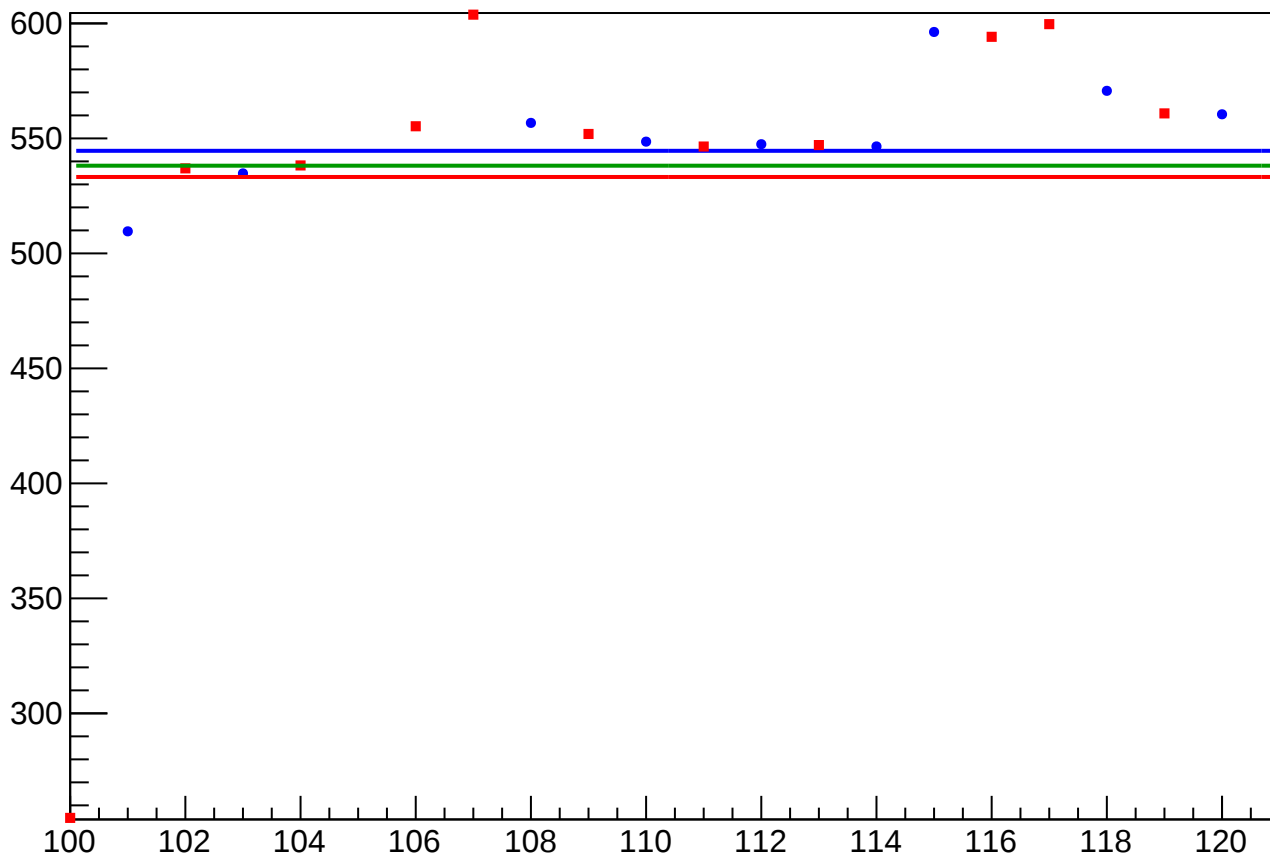
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

753.734+/-295.995 χ^2/NDF : 2.3/8

880.316+/-194.396 χ^2/NDF : 10.2/20

976.326+/-257.783 χ^2/NDF : 7.5/11

reg_asym_left_dd_rms vs Slug, Sign Corrected



Right In: 544.603 $\pm$ 0.209 χ^2 /NDF: 10971.7/8

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

Right Out: 533.227 $\pm$ 0.182 χ^2 /NDF: 191929.3/11

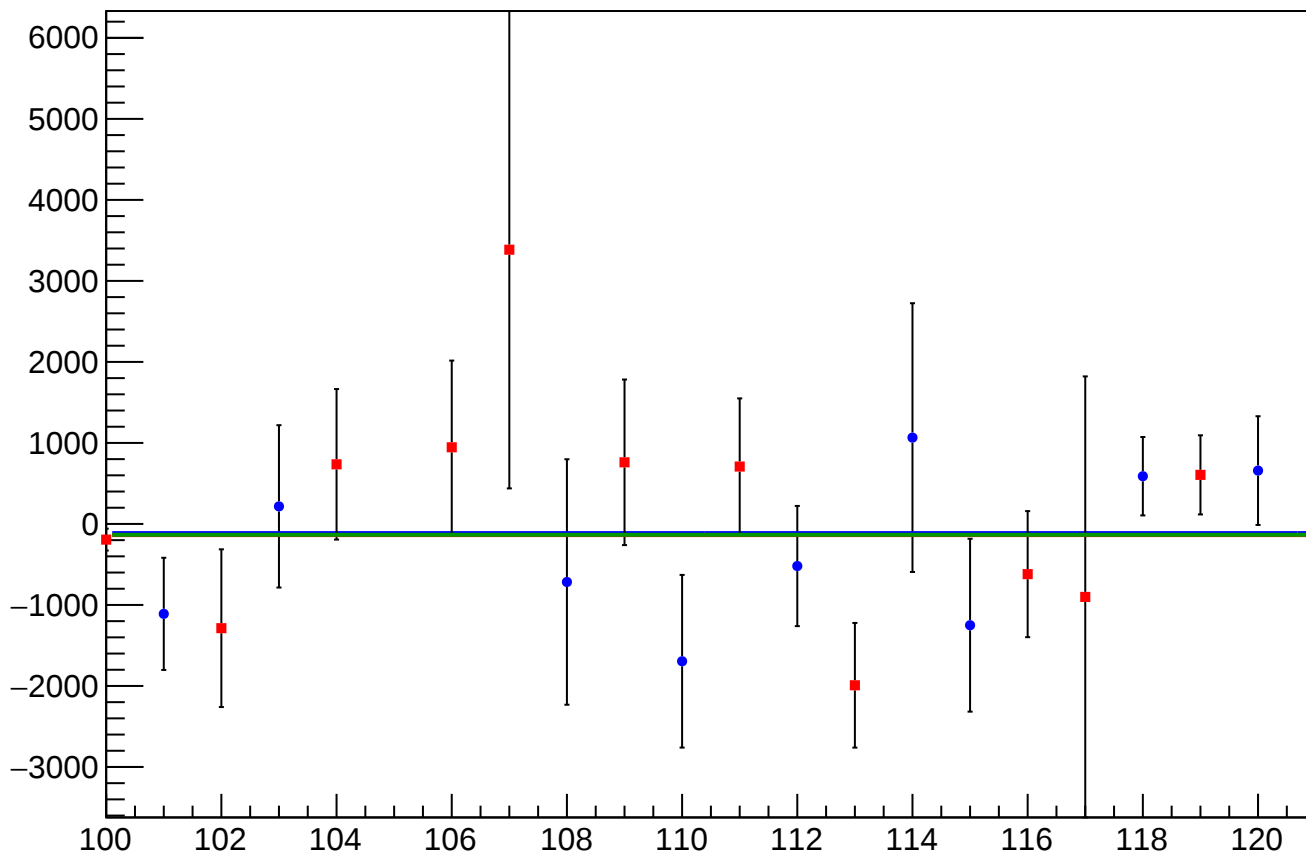
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

544.603 $\pm$ 0.209 χ^2 /NDF: 10971.7/8

538.134 $\pm$ 0.137 χ^2 /NDF: 204581.0/20

533.227 $\pm$ 0.182 χ^2 /NDF: 191929.3/11

asym_left_dd_correction_mean vs Slug, Sign Corrected



Right In: -113.241 $\pm$ 267.755 χ^2 /NDF: 9.9/8

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

Right Out: -137.762 $\pm$ 118.022 χ^2 /NDF: 15.4/11

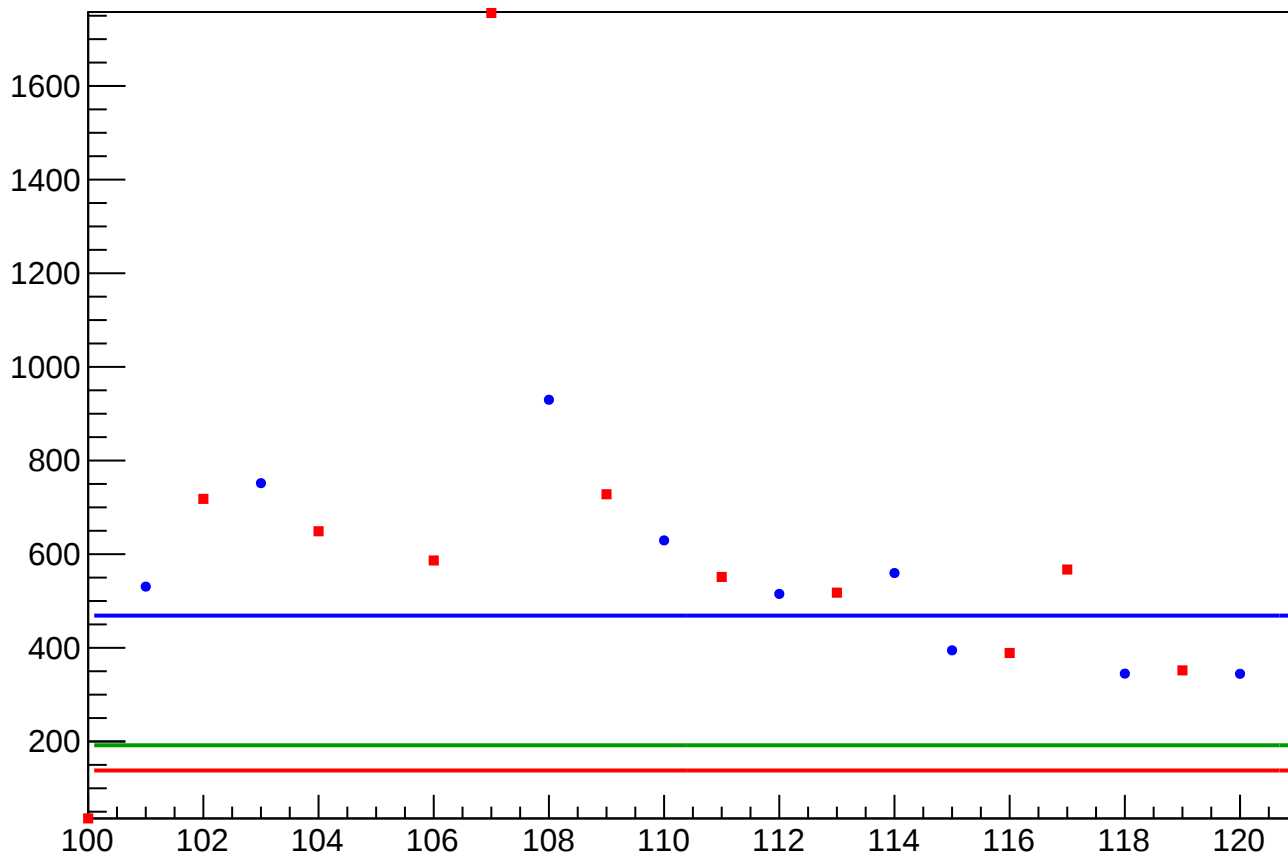
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-113.241 $\pm$ 267.755 χ^2 /NDF: 9.9/8

-133.773 $\pm$ 107.996 χ^2 /NDF: 25.4/20

-137.762 $\pm$ 118.022 χ^2 /NDF: 15.4/11

asym_left_dd_correction_rms vs Slug, Sign Corrected



Right In: 468.829+/-0.189 χ^2/NDF : 629116.4/8

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

Right Out: 138.080+/-0.083 χ^2/NDF : 5950889.0/11

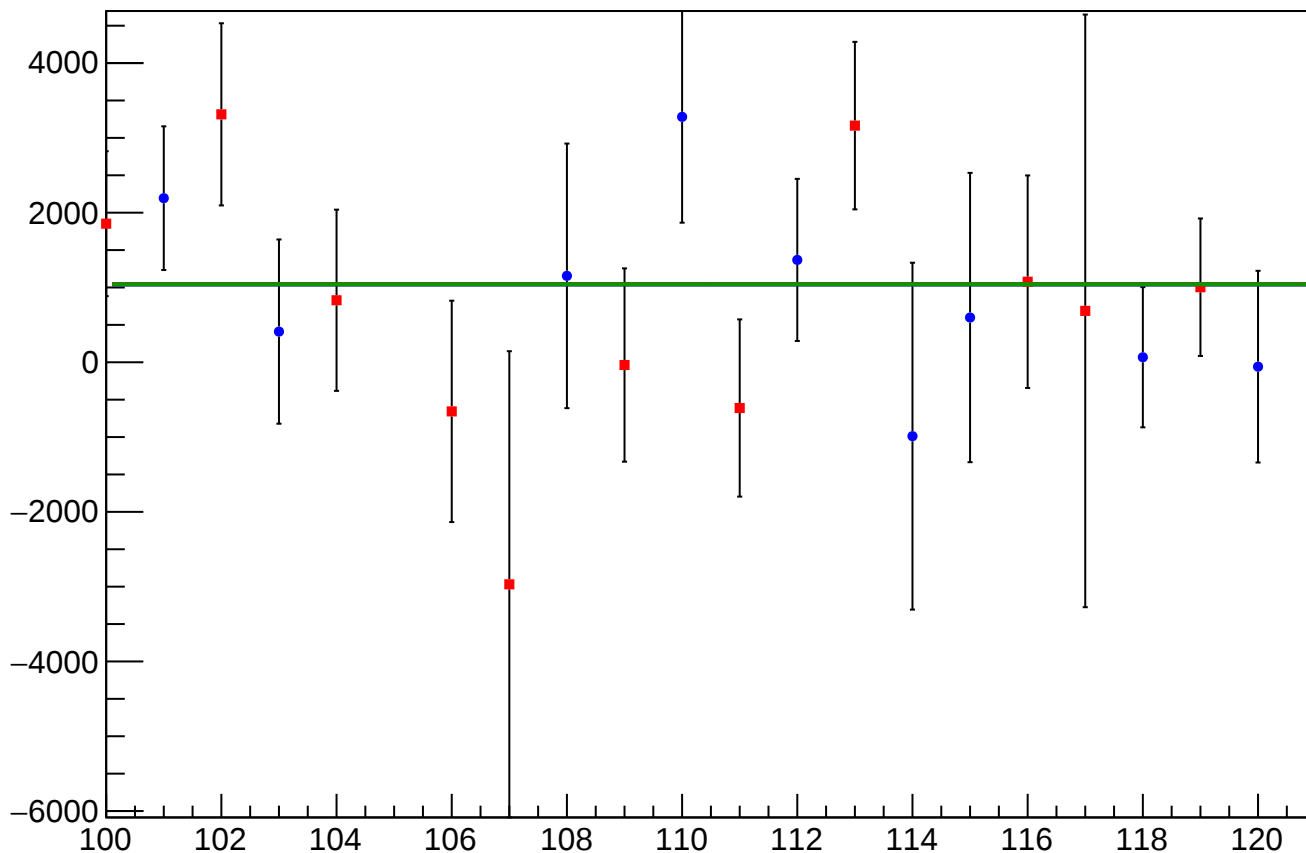
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

468.829+/-0.189 χ^2/NDF : 629116.4/8

191.887+/-0.076 χ^2/NDF : 9135305.2/20

138.080+/-0.083 χ^2/NDF : 5950889.0/11

asym_left_dd_mean vs Slug, Sign Corrected



Right In: 1039.939 $\pm$ 422.029 χ^2 /NDF: 6.9/8

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

Right Out: 1044.411 $\pm$ 358.921 χ^2 /NDF: 14.2/11

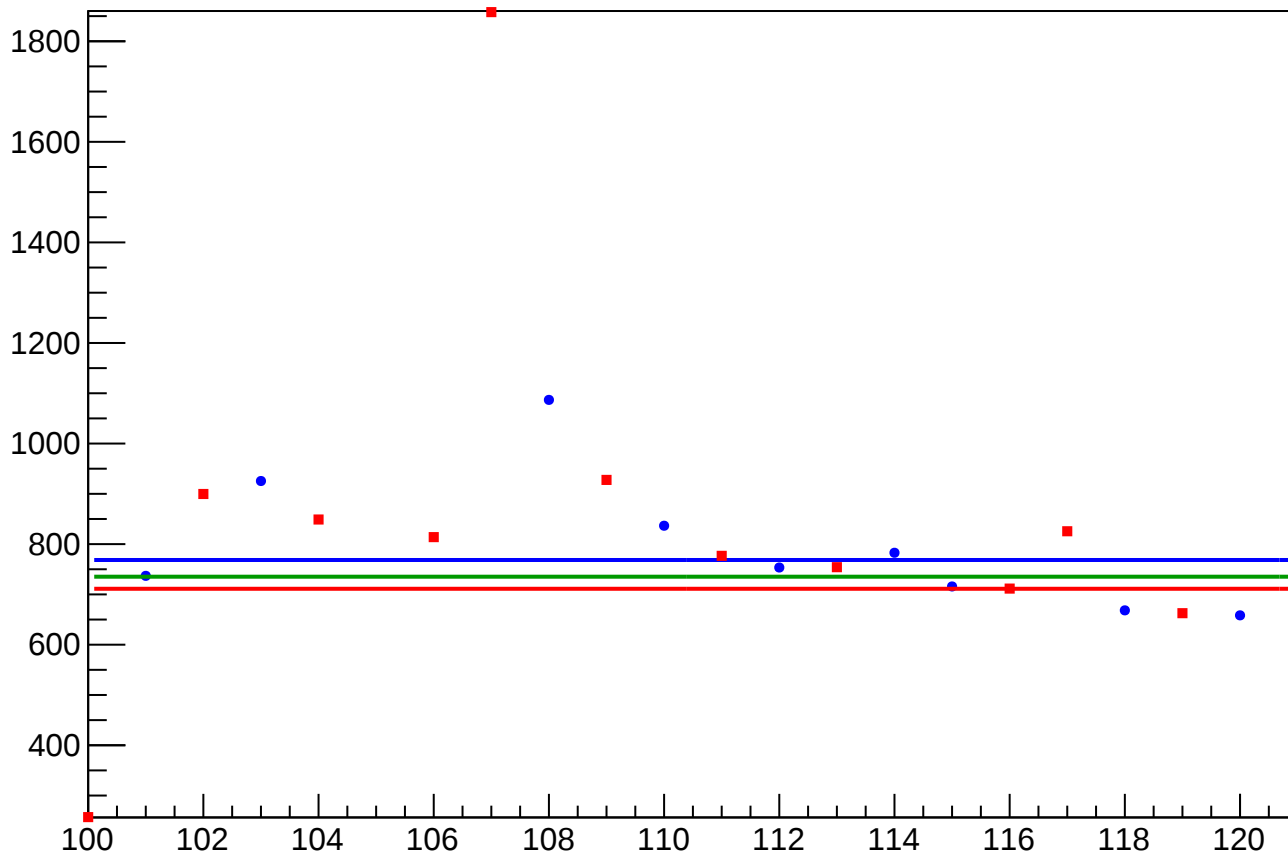
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1039.939 $\pm$ 422.029 χ^2 /NDF: 6.9/8

1042.534 $\pm$ 273.413 χ^2 /NDF: 21.2/20

1044.411 $\pm$ 358.921 χ^2 /NDF: 14.2/11

asym_left_dd_rms vs Slug, Sign Corrected



Right In: 768.435+/-0.298 χ^2/NDF : 143670.4/8

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

Right Out: 711.200+/-0.254 χ^2/NDF : 874228.5/11

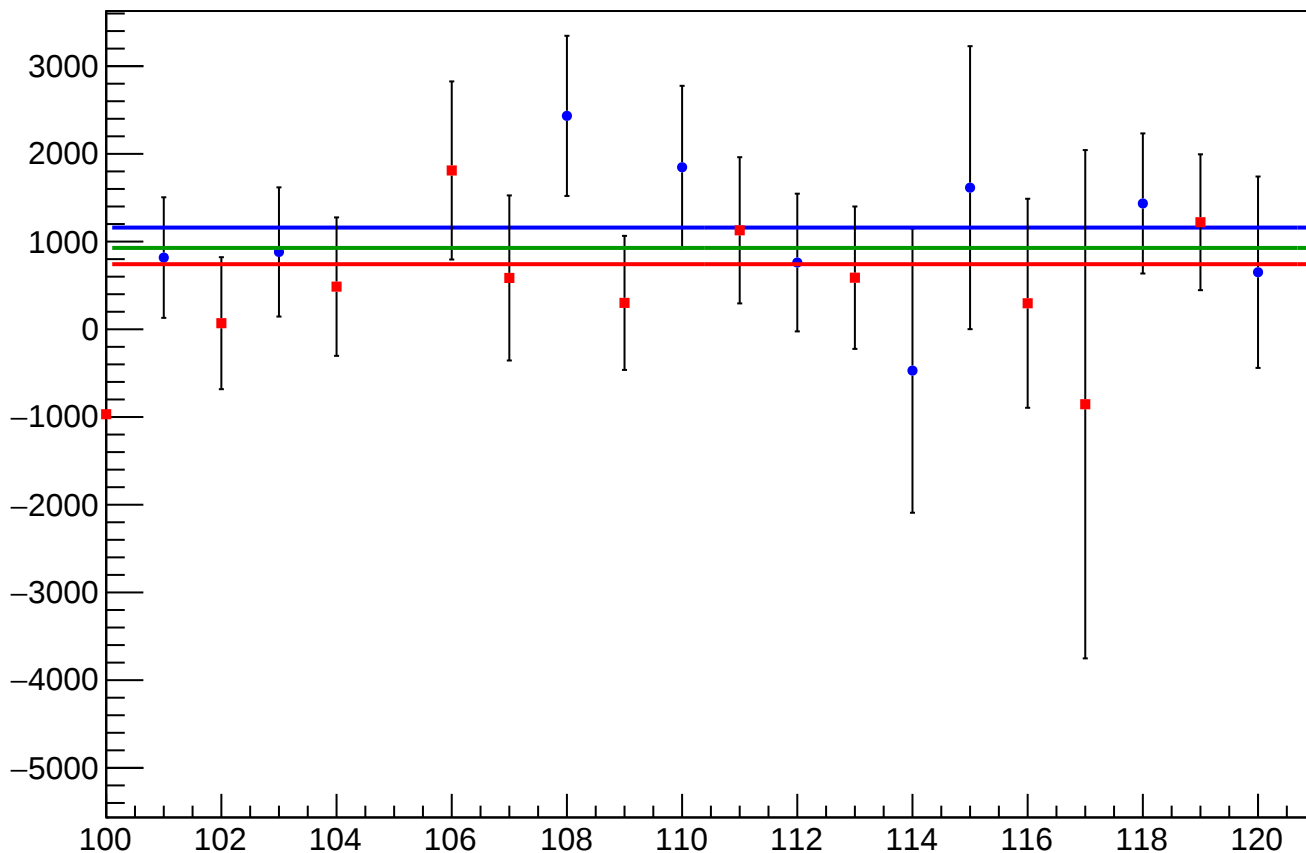
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

768.435+/-0.298 χ^2/NDF : 143670.4/8

735.222+/-0.193 χ^2/NDF : 1039244.7/20

711.200+/-0.254 χ^2/NDF : 874228.5/11

reg_asym_right_avg_mean vs Slug, Sign Corrected



Right In: 1159.746 $\pm$ 299.926 χ^2 /NDF: 4.6/8

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

Right Out: 742.350 $\pm$ 268.057 χ^2 /NDF: 4.3/11

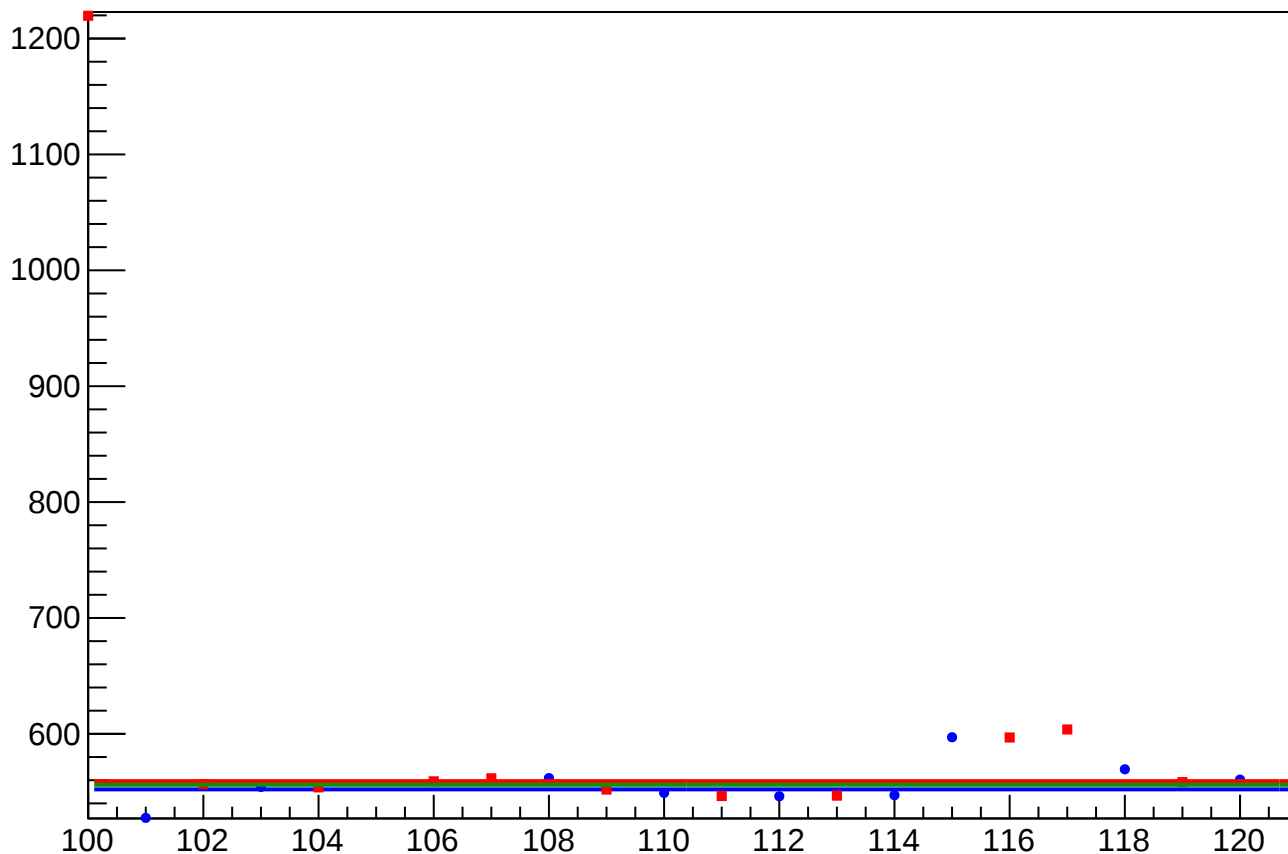
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1159.746 $\pm$ 299.926 χ^2 /NDF: 4.6/8

927.702 $\pm$ 199.866 χ^2 /NDF: 10.0/20

742.350 $\pm$ 268.057 χ^2 /NDF: 4.3/11

reg_asym_right_avg_rms vs Slug, Sign Corrected



Right In: 552.086+/-0.212 χ^2/NDF : 5579.9/8

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

Right Out: 559.223+/-0.190 χ^2/NDF : 45017.0/11

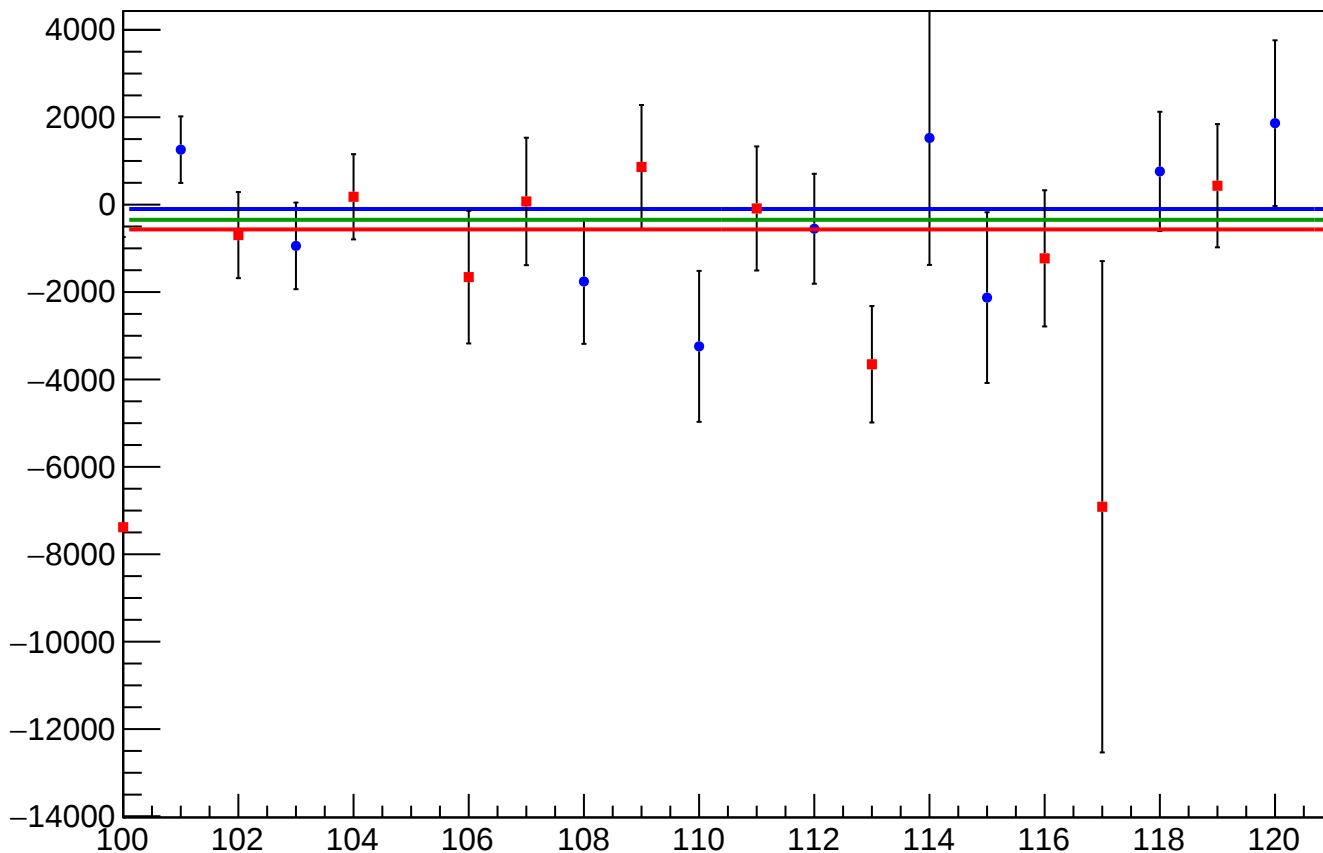
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

552.086+/-0.212 χ^2/NDF : 5579.9/8

556.054+/-0.141 χ^2/NDF : 51226.3/20

559.223+/-0.190 χ^2/NDF : 45017.0/11

asym_right_avg_correction_mean vs Slug, Sign Corrected



Right In: -99.801+/-430.474 χ^2/NDF : 11.6/8

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

Right Out: -566.821+/-406.699 χ^2/NDF : 11.2/11

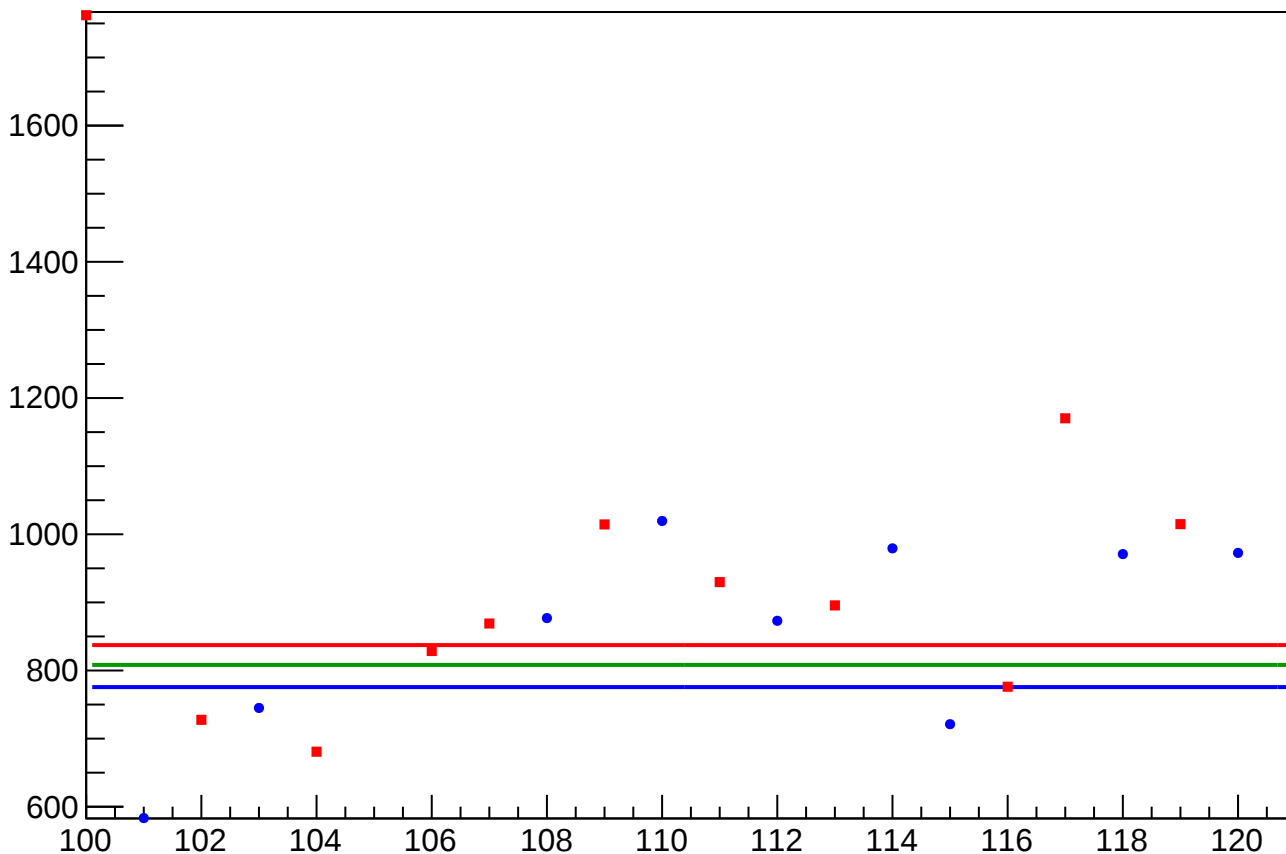
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-99.801+/-430.474 χ^2/NDF : 11.6/8

-346.563+/-295.627 χ^2/NDF : 23.4/20

-566.821+/-406.699 χ^2/NDF : 11.2/11

asym_right_avg_correction_rms vs Slug, Sign Corrected



Right In: 775.654+/-0.304 χ^2/NDF : 265344.8/8

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

Right Out: 837.319+/-0.288 χ^2/NDF : 201548.1/11

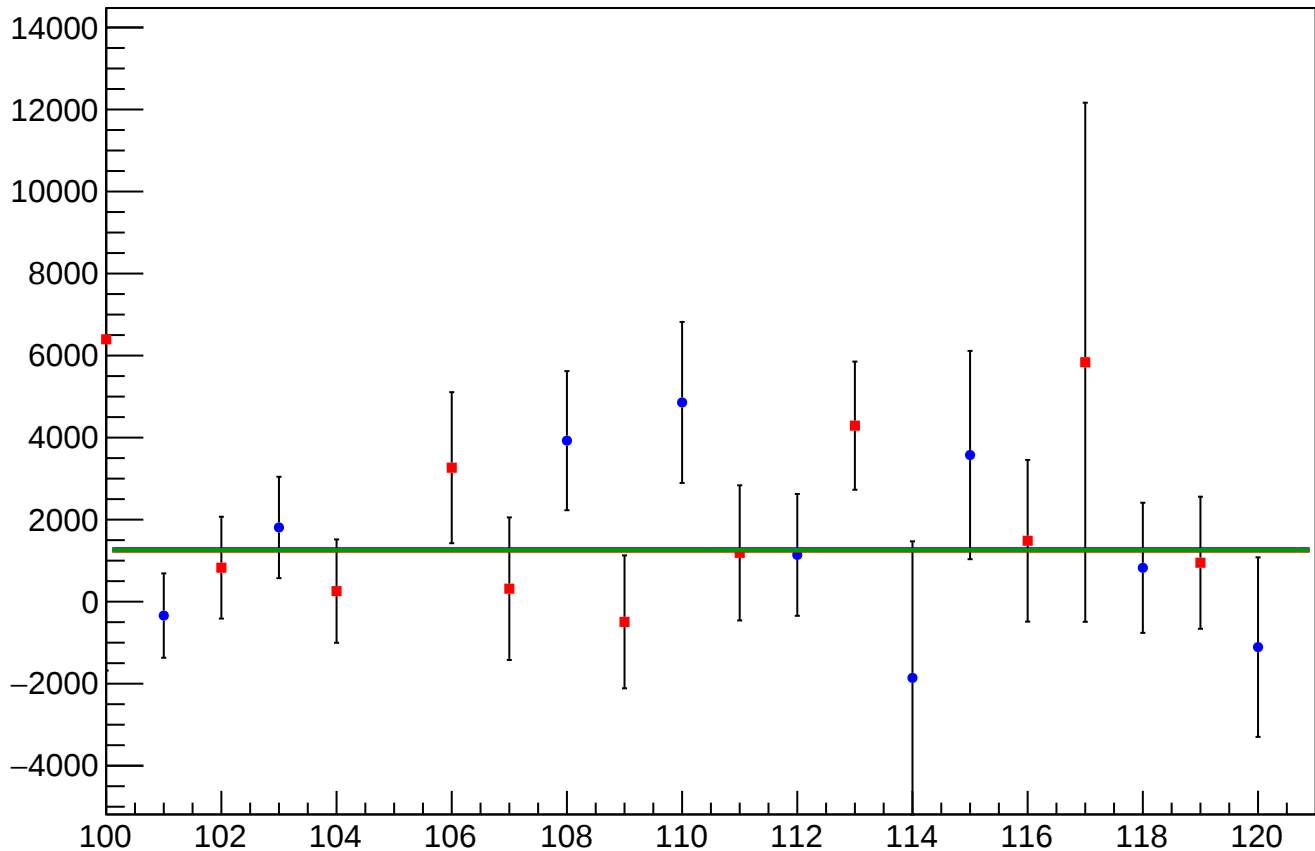
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

775.654+/-0.304 χ^2/NDF : 265344.8/8

808.237+/-0.209 χ^2/NDF : 488577.9/20

837.319+/-0.288 χ^2/NDF : 201548.1/11

asym_right_avg_mean vs Slug, Sign Corrected



Right In: 1278.306 $\pm$ 533.645 χ^2 /NDF: 11.4/8

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

Right Out: 1241.892 $\pm$ 492.995 χ^2 /NDF: 8.2/11

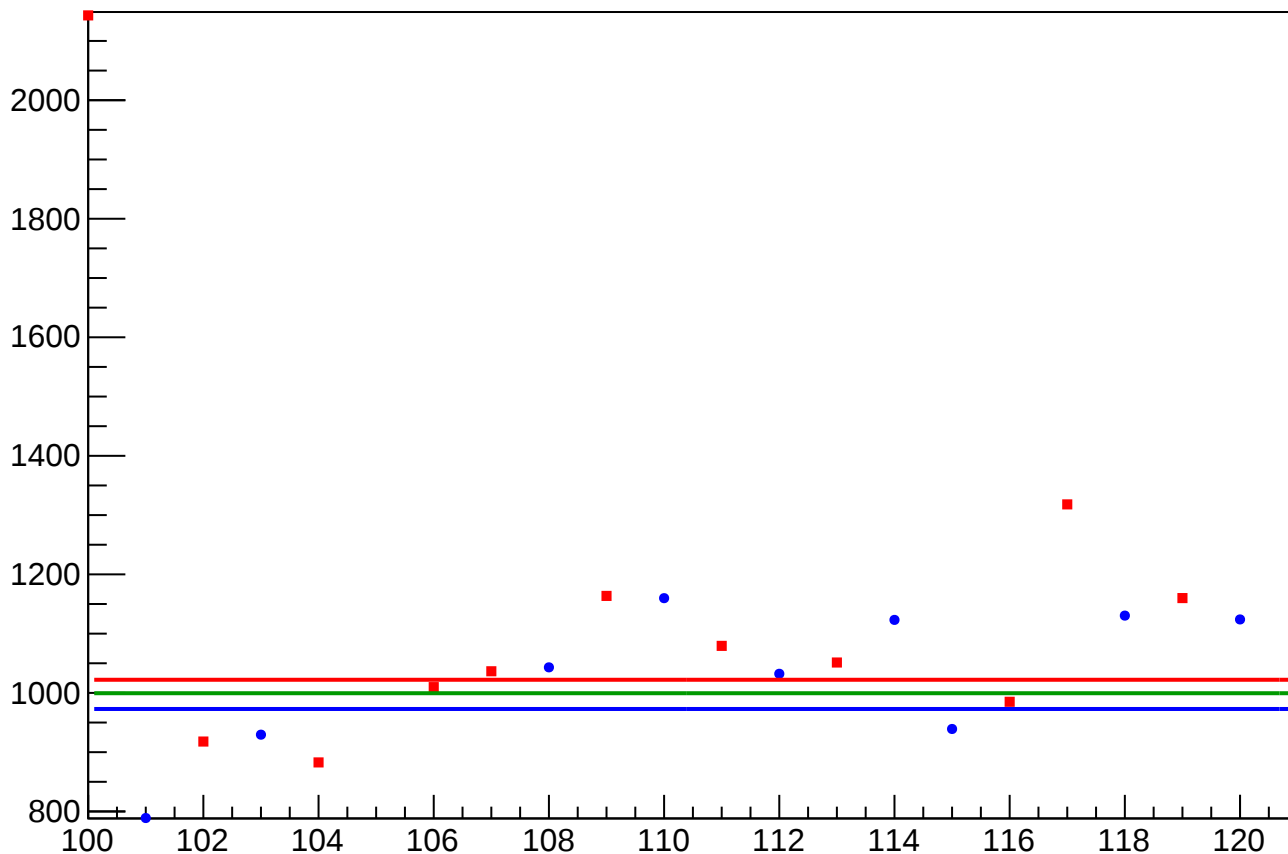
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1278.306 $\pm$ 533.645 χ^2 /NDF: 11.4/8

1258.659 $\pm$ 362.119 χ^2 /NDF: 19.6/20

1241.892 $\pm$ 492.995 χ^2 /NDF: 8.2/11

asym_right_avg_rms vs Slug, Sign Corrected



Right In: 972.878+/-0.377 χ^2/NDF : 124899.8/8

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

Right Out: 1022.168+/-0.349 χ^2/NDF : 115416.9/11

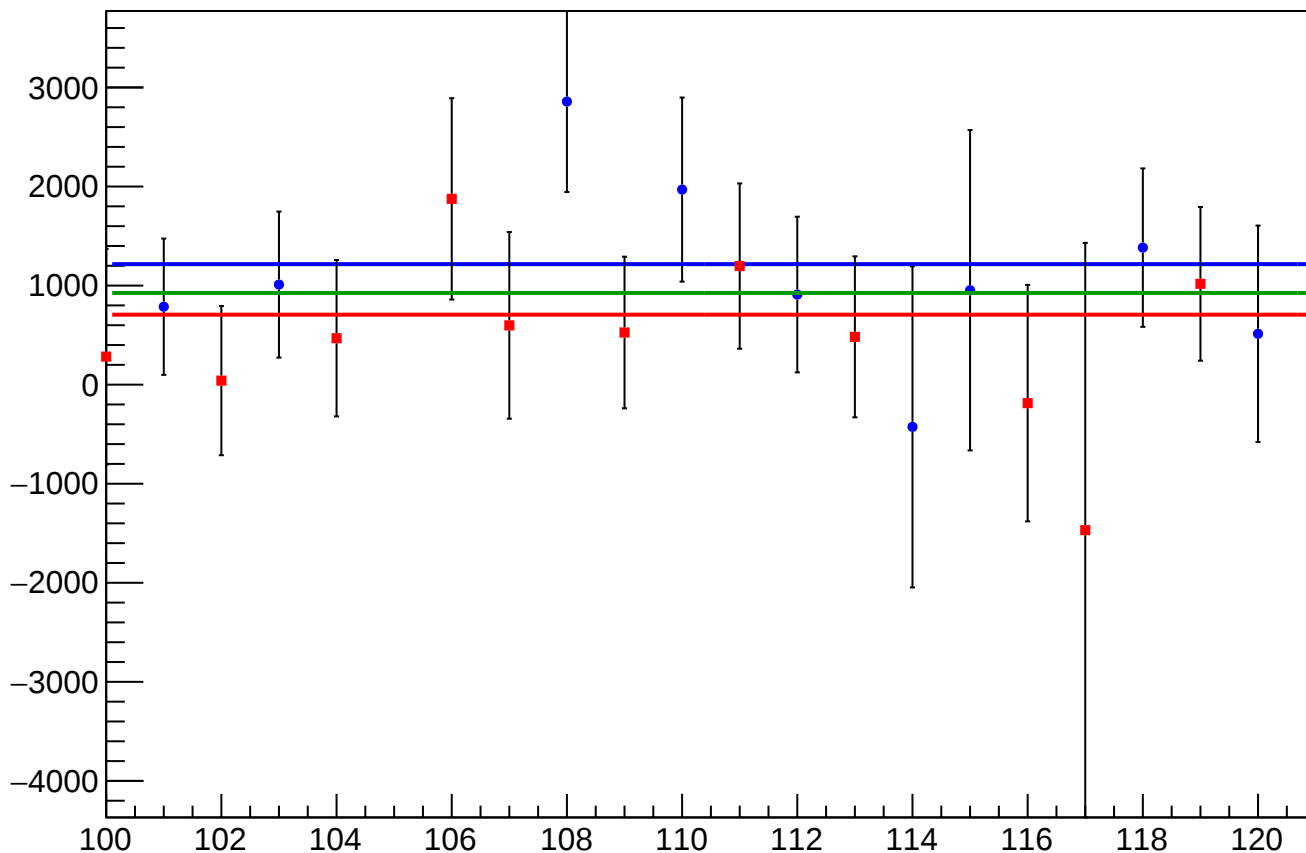
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

972.878+/-0.377 χ^2/NDF : 124899.8/8

999.472+/-0.256 χ^2/NDF : 249522.5/20

1022.168+/-0.349 χ^2/NDF : 115416.9/11

reg_asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1216.318+/-300.236 χ^2/NDF : 6.0/8

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

Right Out: 706.428+/-260.989 χ^2/NDF : 5.3/11

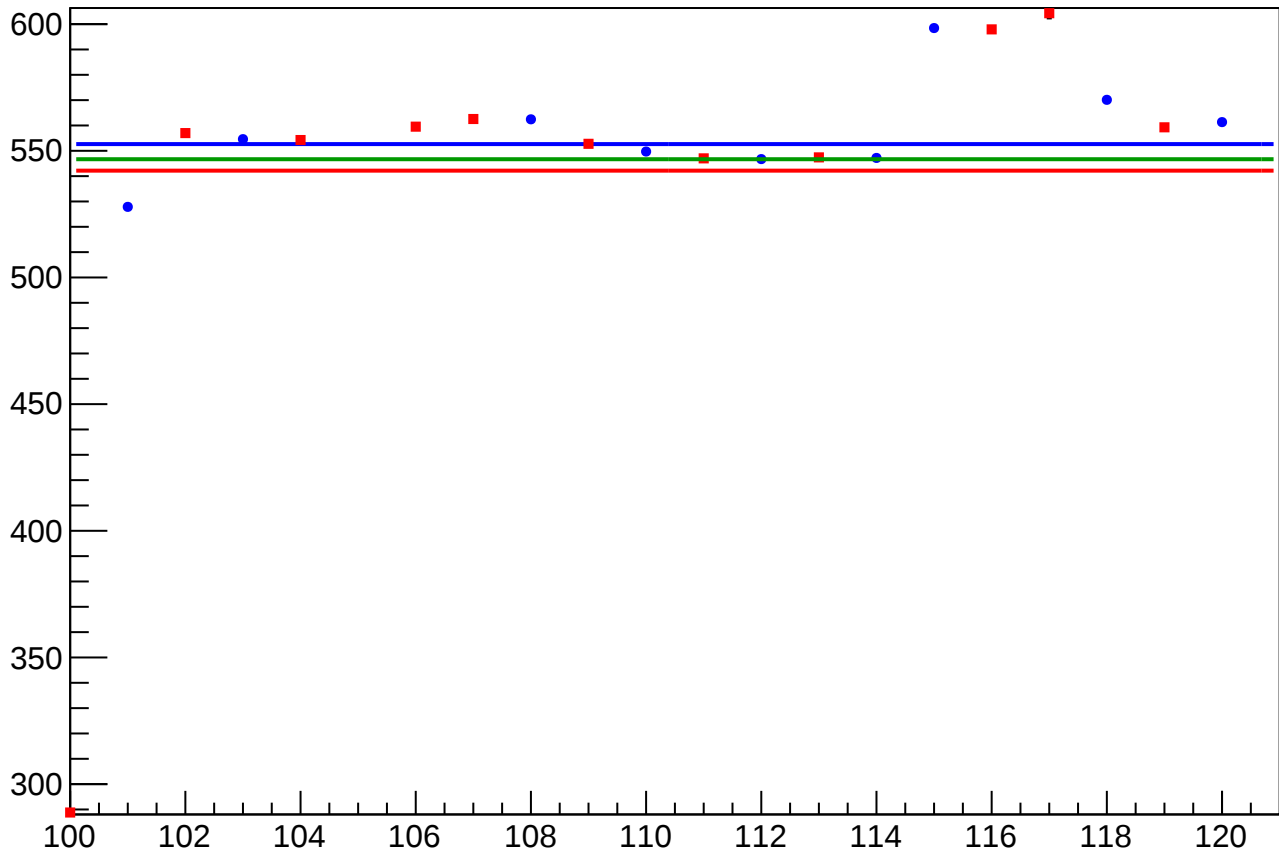
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1216.318+/-300.236 χ^2/NDF : 6.0/8

925.890+/-196.972 χ^2/NDF : 13.0/20

706.428+/-260.989 χ^2/NDF : 5.3/11

reg_asym_right_dd_rms vs Slug, Sign Corrected



Right In: 552.652 $\pm$ 0.212 χ^2 /NDF: 5681.0/8

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

Right Out: 542.170 $\pm$ 0.185 χ^2 /NDF: 118599.4/11

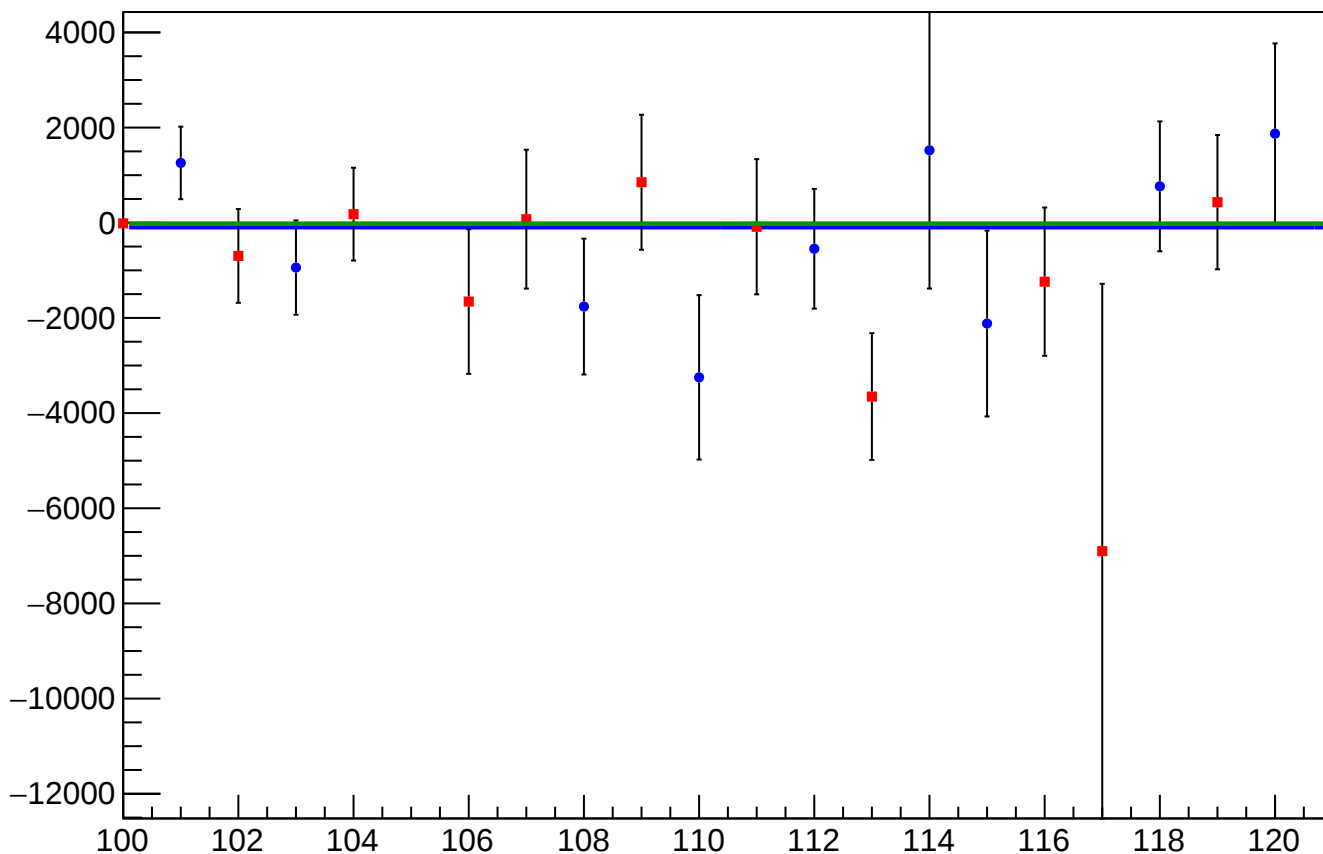
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

552.652 $\pm$ 0.212 χ^2 /NDF: 5681.0/8

546.681 $\pm$ 0.139 χ^2 /NDF: 125668.8/20

542.170 $\pm$ 0.185 χ^2 /NDF: 118599.4/11

asym_right_dd_correction_mean vs Slug, Sign Corrected



Right In: -98.917+/-430.589 χ^2/NDF : 11.6/8

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

Right Out: -17.850+/-39.043 χ^2/NDF : 11.8/11

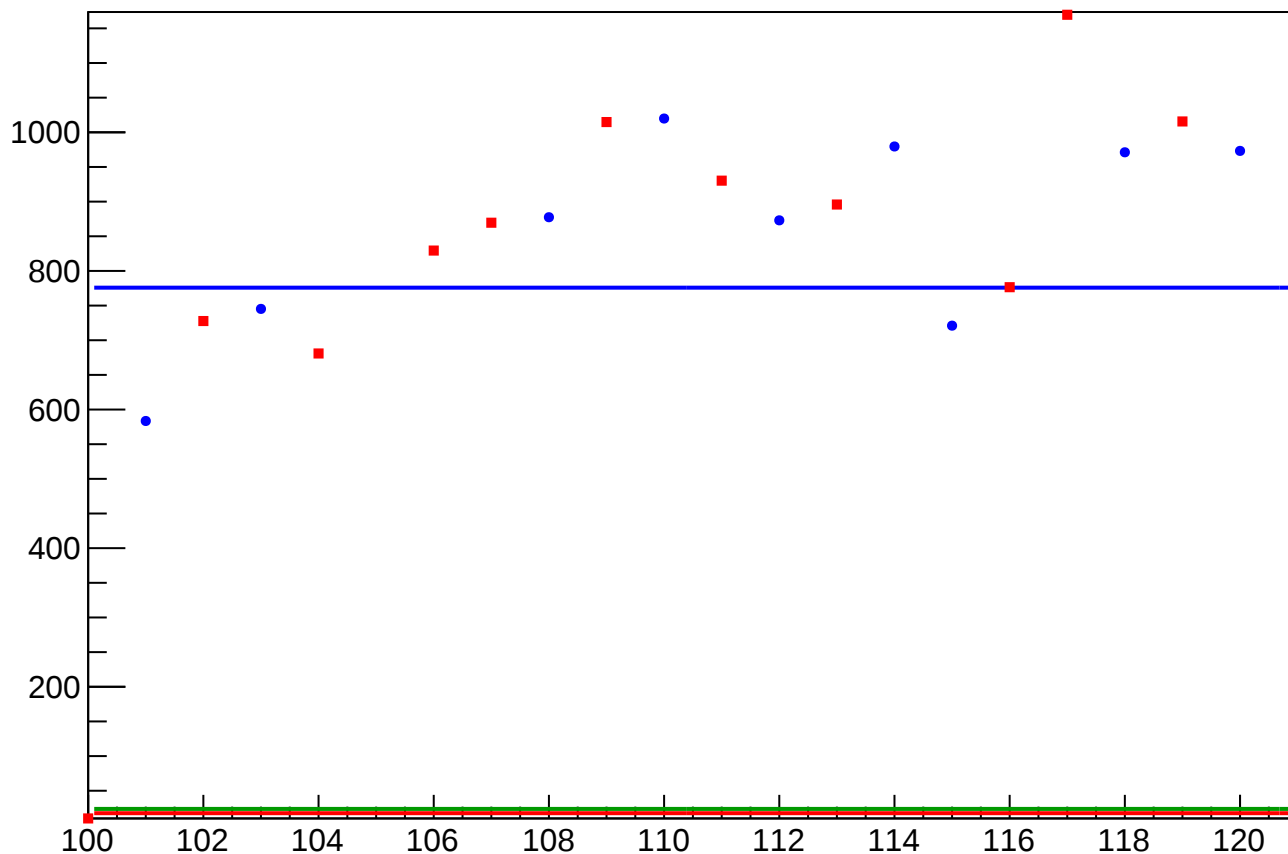
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-98.917+/-430.589 χ^2/NDF : 11.6/8

-18.511+/-38.884 χ^2/NDF : 23.4/20

-17.850+/-39.043 χ^2/NDF : 11.8/11

asym_right_dd_correction_rms vs Slug, Sign Corrected



Right In: 775.859+/-0.304 χ^2/NDF : 265393.7/8

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

Right Out: 17.604+/-0.028 χ^2/NDF : 8262882.7/11

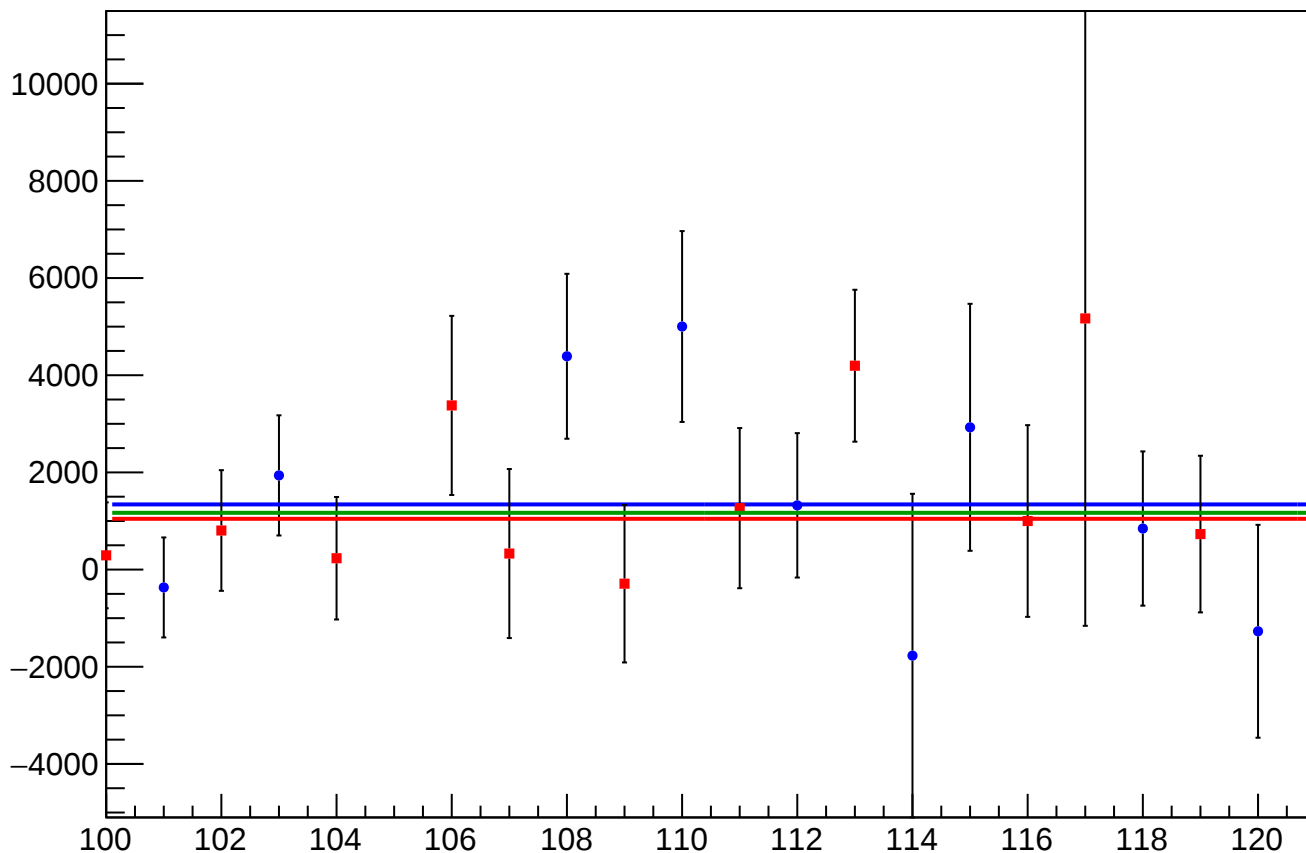
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

775.859+/-0.304 χ^2/NDF : 265393.7/8

23.788+/-0.027 χ^2/NDF : 14679738.3/20

17.604+/-0.028 χ^2/NDF : 8262882.7/11

asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1341.159+/-533.919 χ^2/NDF : 12.5/8

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

Right Out: 1045.084+/-450.070 χ^2/NDF : 7.9/11

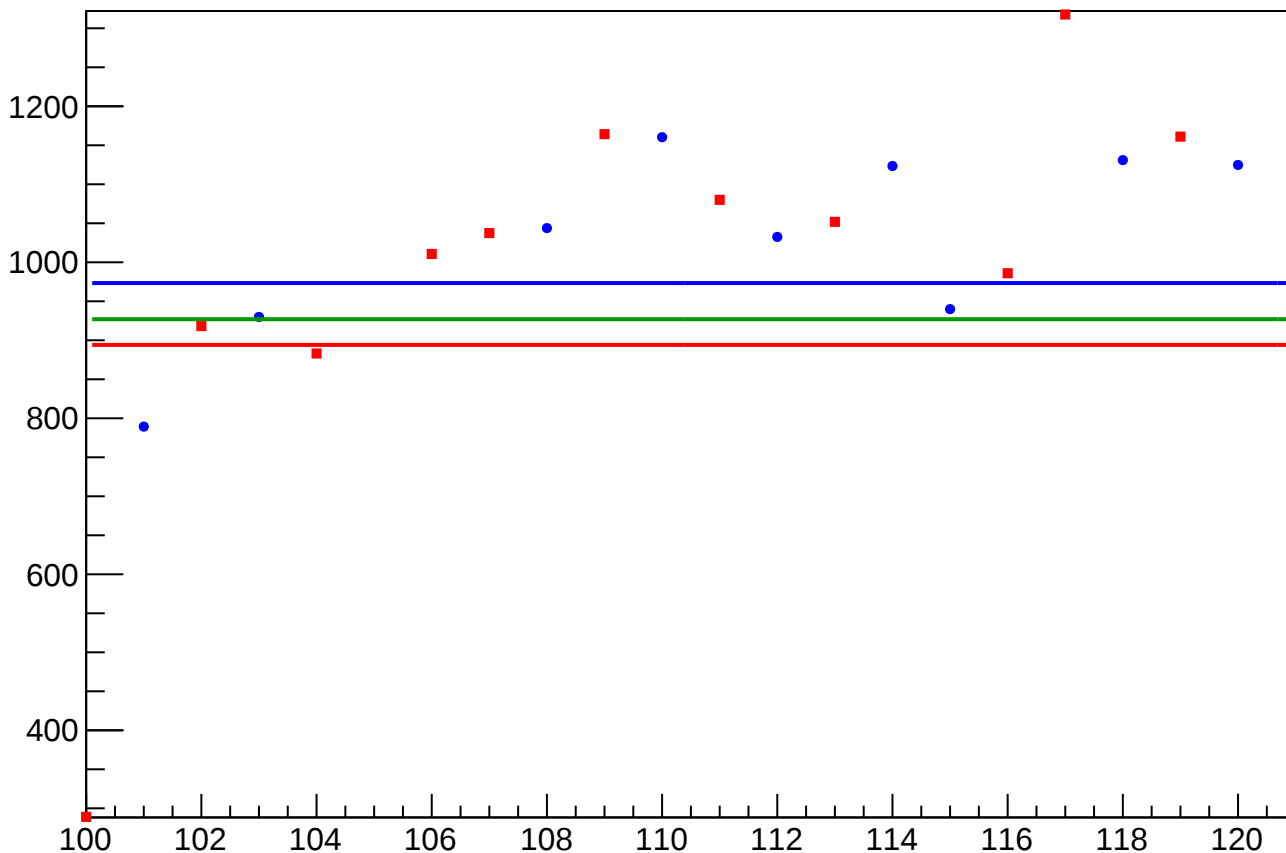
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1341.159+/-533.919 χ^2/NDF : 12.5/8

1168.074+/-344.119 χ^2/NDF : 20.6/20

1045.084+/-450.070 χ^2/NDF : 7.9/11

asym_right_dd_rms vs Slug, Sign Corrected



Right In: 973.379+/-0.378 χ^2/NDF : 124878.5/8

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

Right Out: 894.077+/-0.318 χ^2/NDF : 820770.7/11

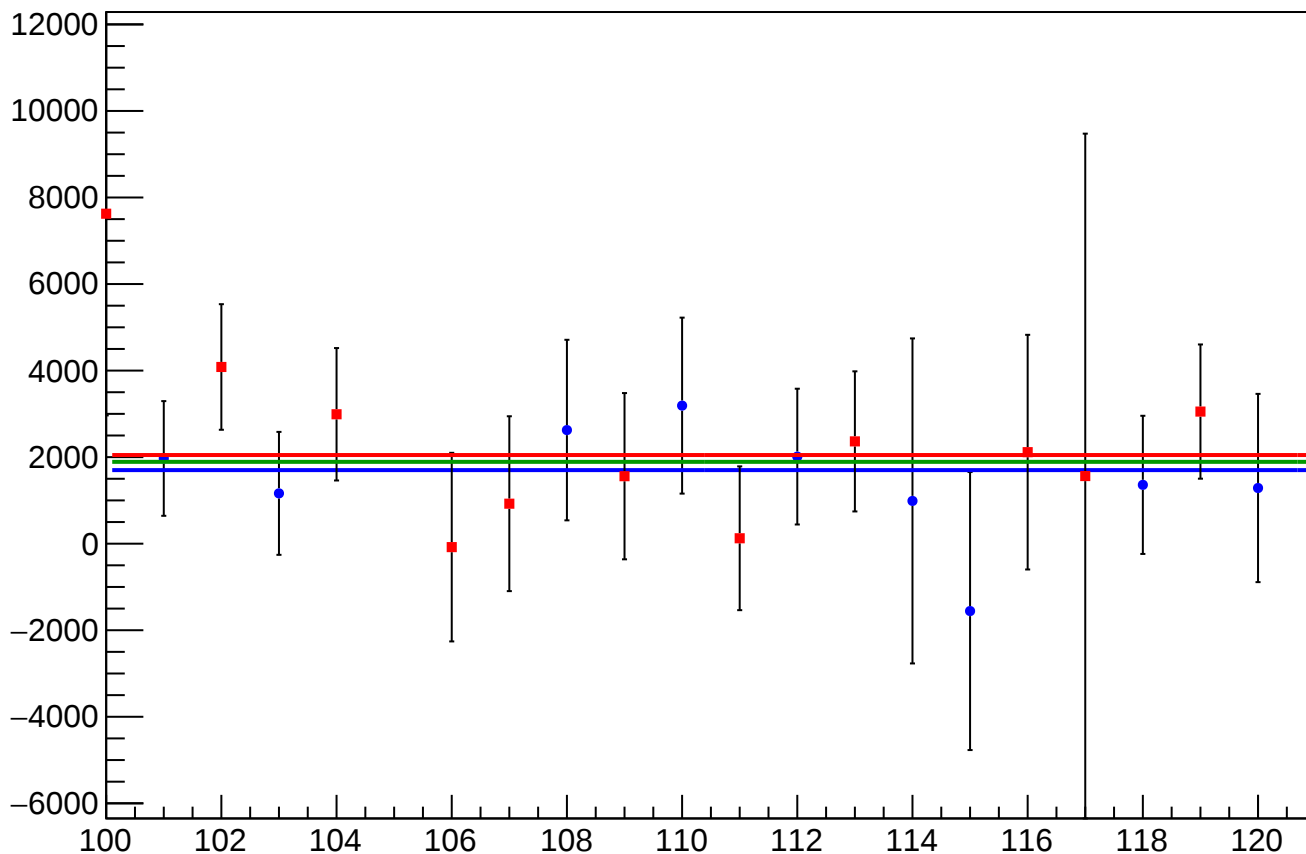
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

973.379+/-0.378 χ^2/NDF : 124878.5/8

927.019+/-0.243 χ^2/NDF : 971442.3/20

894.077+/-0.318 χ^2/NDF : 820770.7/11

cor_usl_mean vs Slug, Sign Corrected



Right In: 1700.017 $\pm$ 606.959 χ^2 /NDF: 2.1/8

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

Right Out: 2048.495 $\pm$ 550.391 χ^2 /NDF: 8.1/11

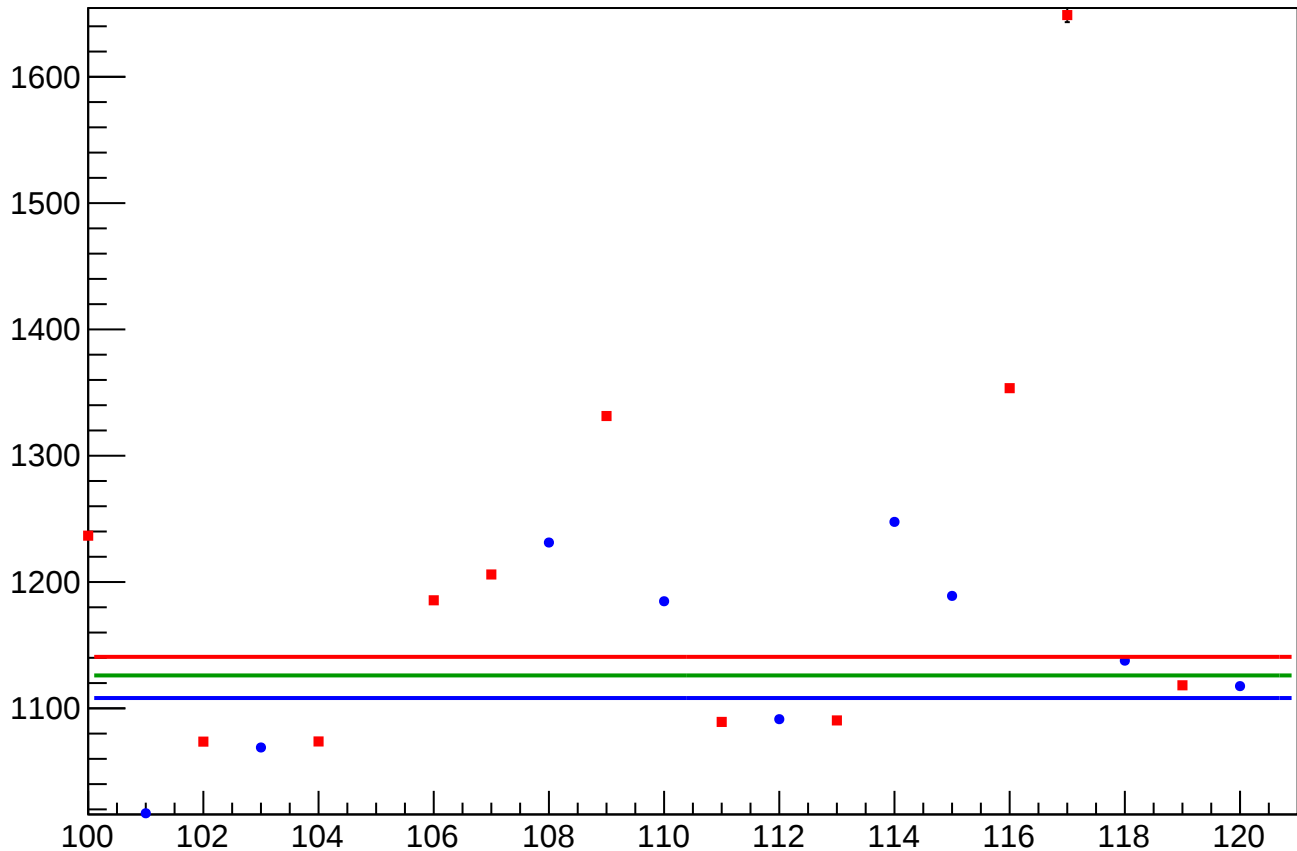
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1700.017 $\pm$ 606.959 χ^2 /NDF: 2.1/8

1891.248 $\pm$ 407.721 χ^2 /NDF: 10.4/20

2048.495 $\pm$ 550.391 χ^2 /NDF: 8.1/11

cor_usl_rms vs Slug, Sign Corrected



Right In: 1108.157+/-0.429 χ^2/NDF : 25784.1/8

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

Right Out: 1140.760+/-0.389 χ^2/NDF : 57173.3/11

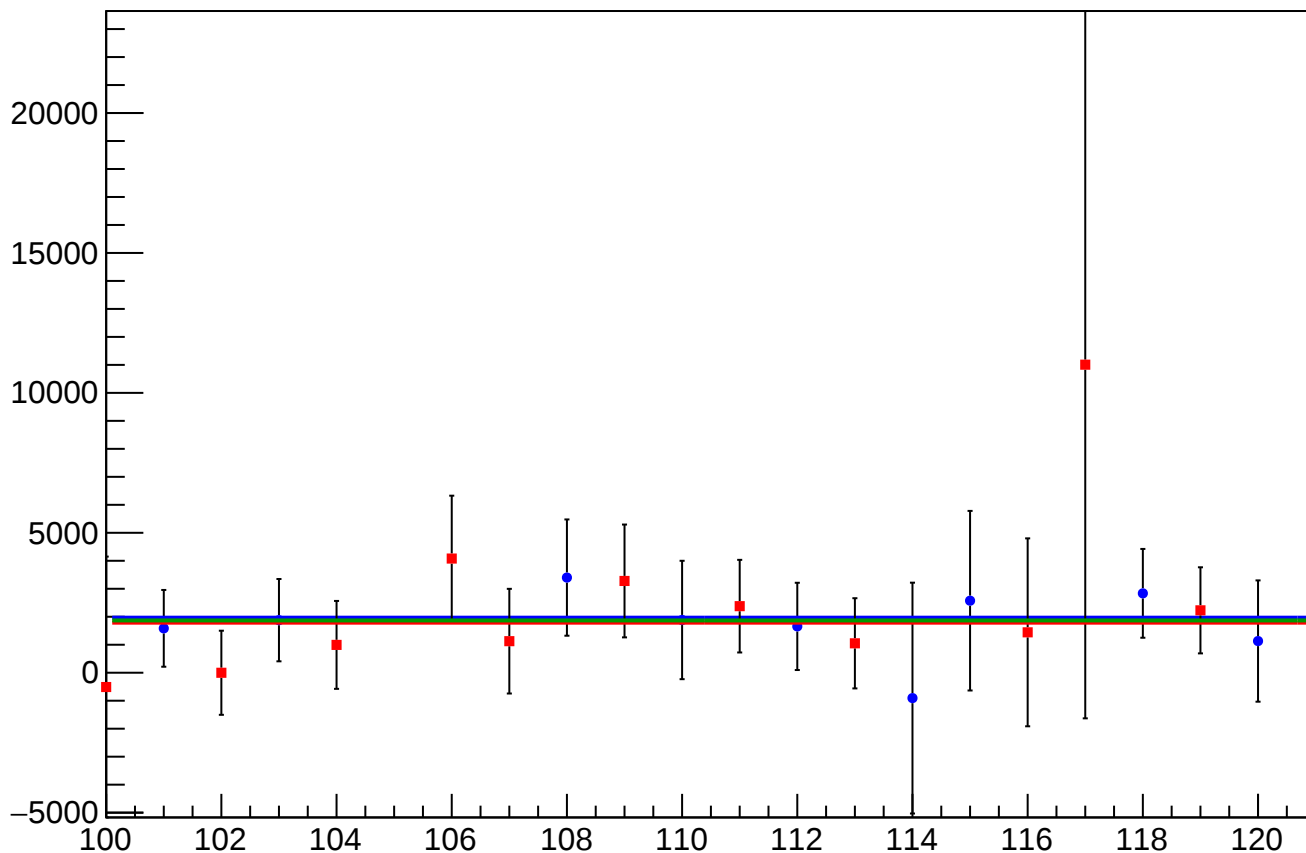
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1108.157+/-0.429 χ^2/NDF : 25784.1/8

1126.048+/-0.288 χ^2/NDF : 86124.0/20

1140.760+/-0.389 χ^2/NDF : 57173.3/11

cor_usr_mean vs Slug, Sign Corrected



Right In: 1966.767 $\pm$ 617.001 χ^2 /NDF: 1.6/8

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

Right Out: 1788.968 $\pm$ 558.530 χ^2 /NDF: 5.2/11

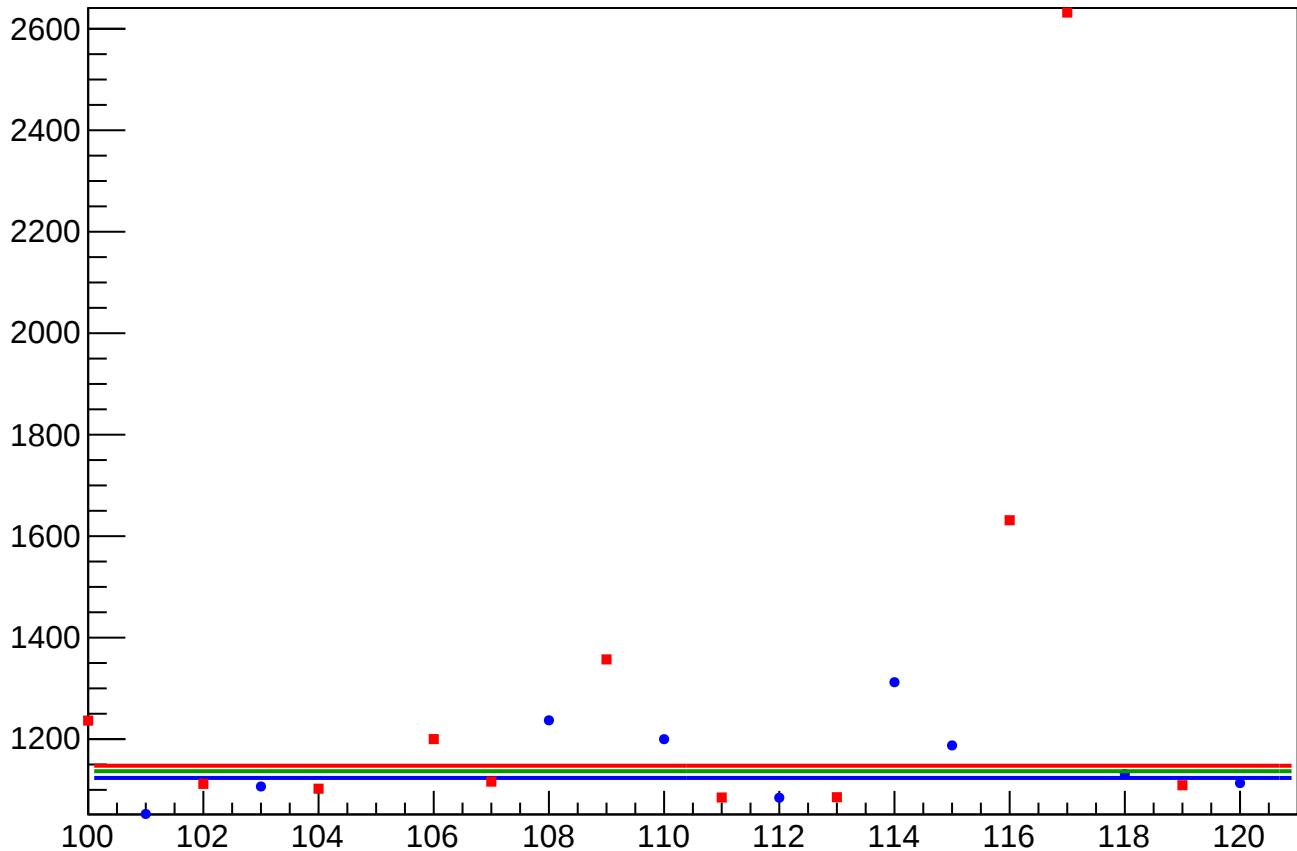
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1966.767 $\pm$ 617.001 χ^2 /NDF: 1.6/8

1869.046 $\pm$ 414.073 χ^2 /NDF: 6.8/20

1788.968 $\pm$ 558.530 χ^2 /NDF: 5.2/11

cor_usr_rms vs Slug, Sign Corrected



Right In: 1123.504 ± 0.436 χ^2/NDF : 20530.8/8

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

Right Out: 1147.559 ± 0.395 χ^2/NDF : 103919.5/11

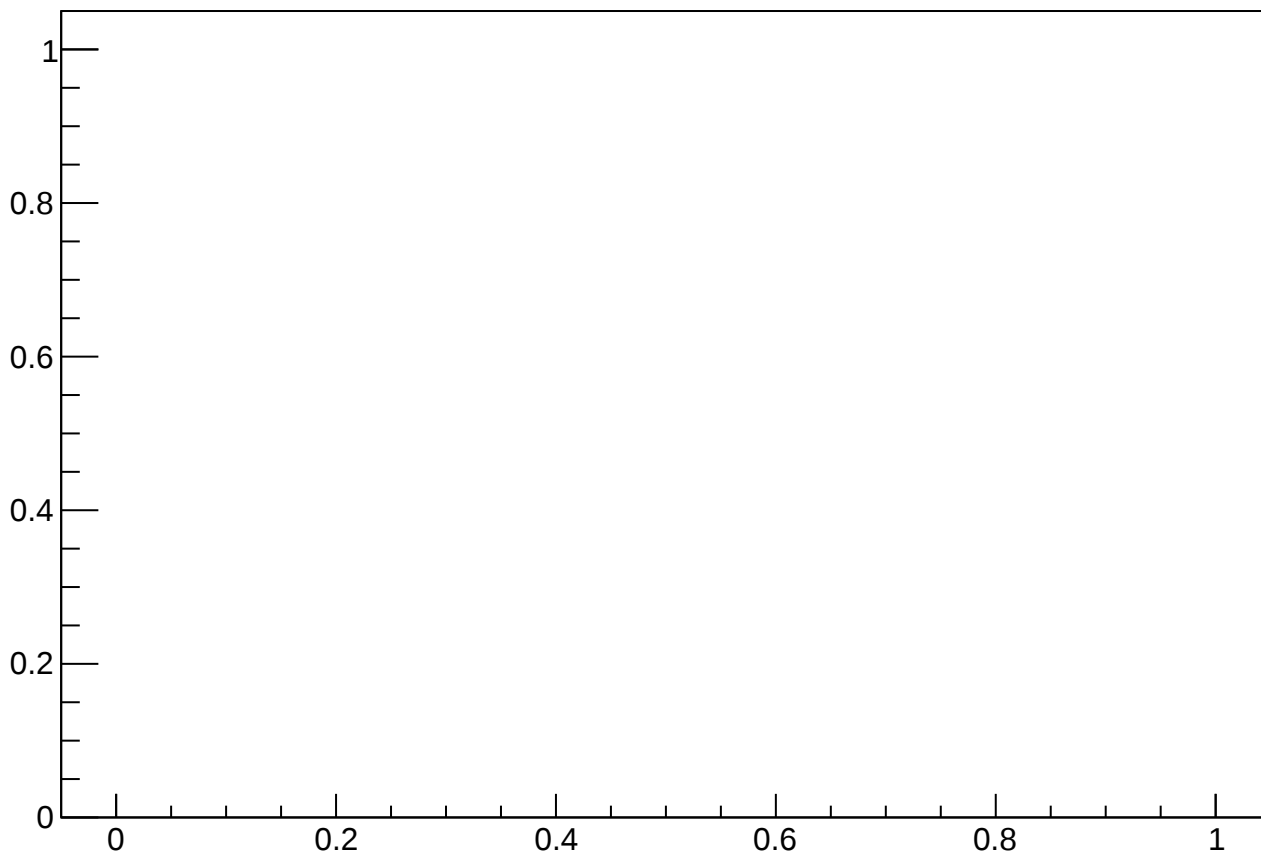
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1123.504 ± 0.436 χ^2/NDF : 20530.8/8

1136.725 ± 0.293 χ^2/NDF : 126121.1/20

1147.559 ± 0.395 χ^2/NDF : 103919.5/11

cor_dsl_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

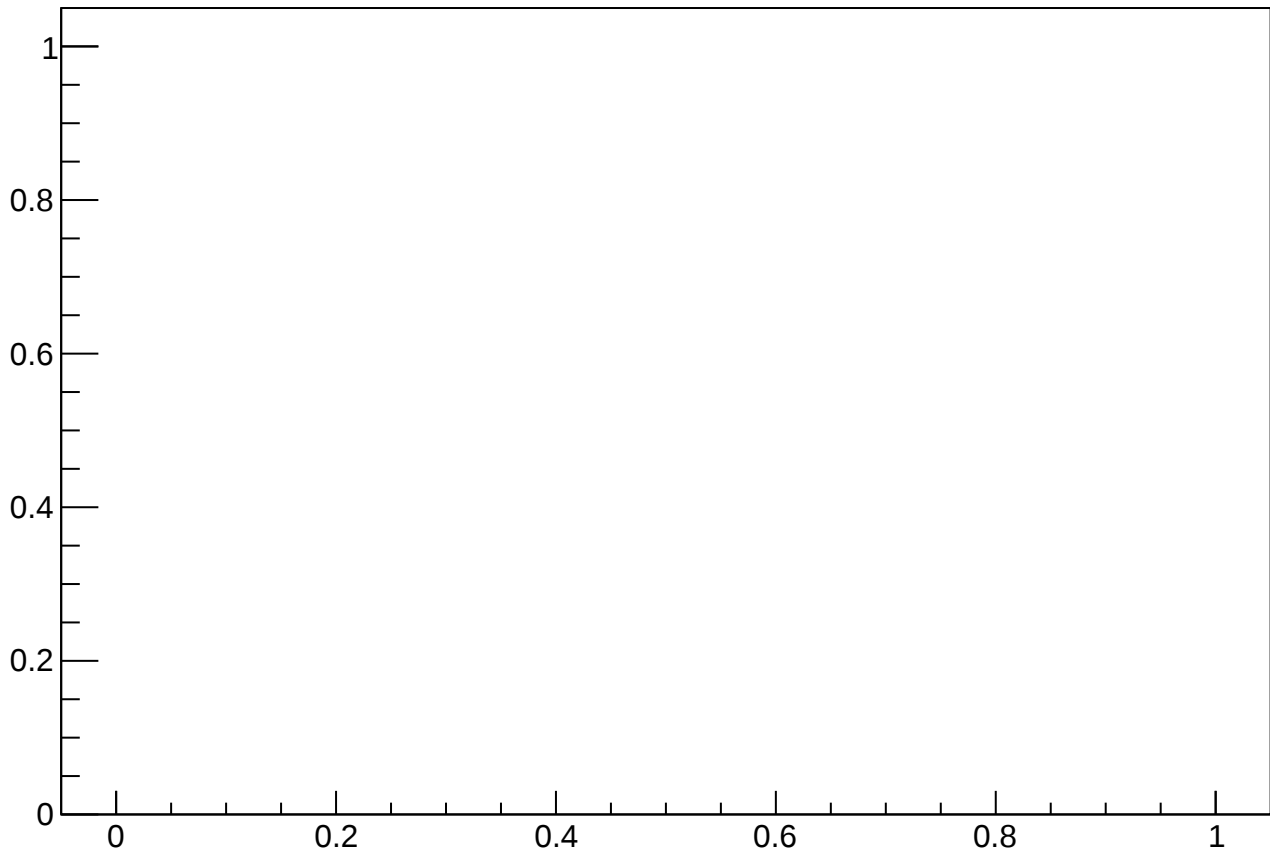
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_dsl_rms vs Slug, Sign Corrected



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

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

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

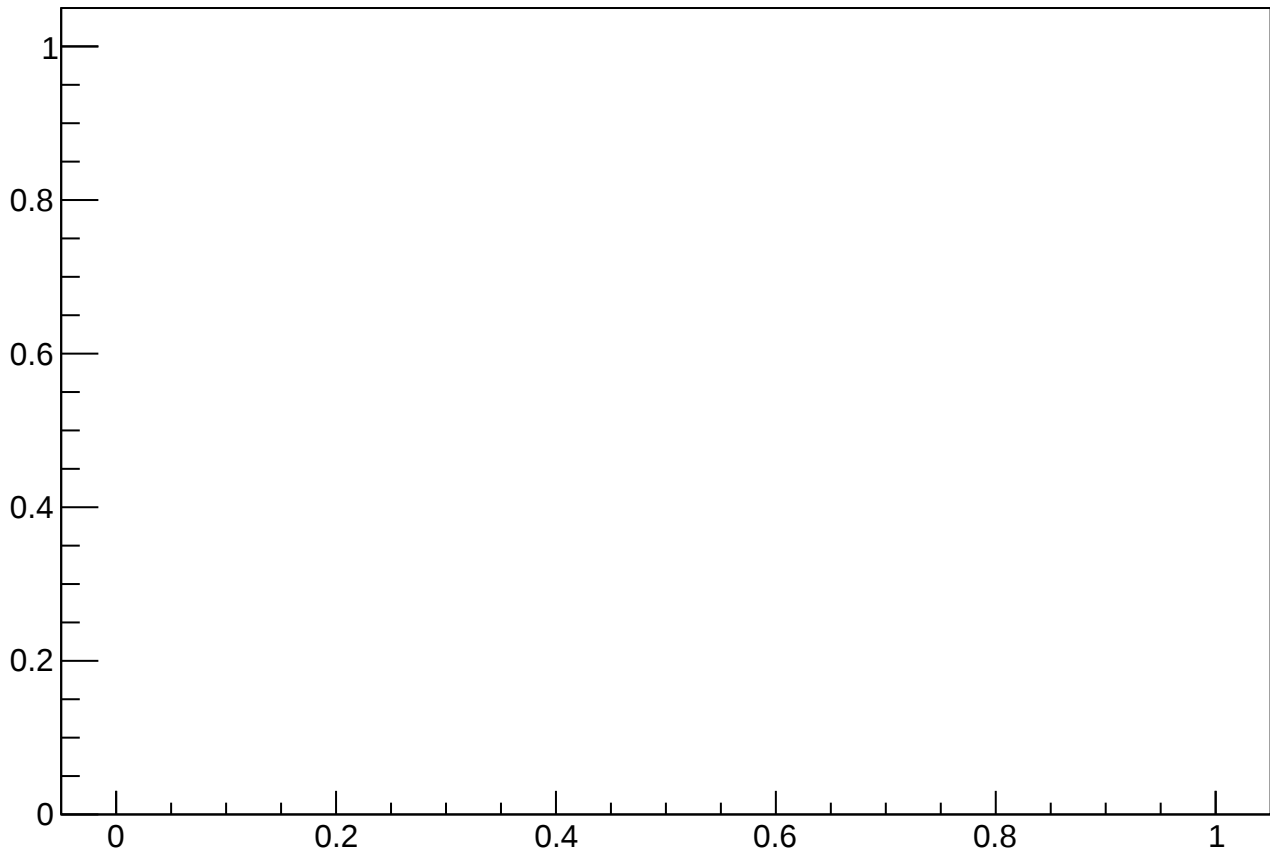
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_dsr_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

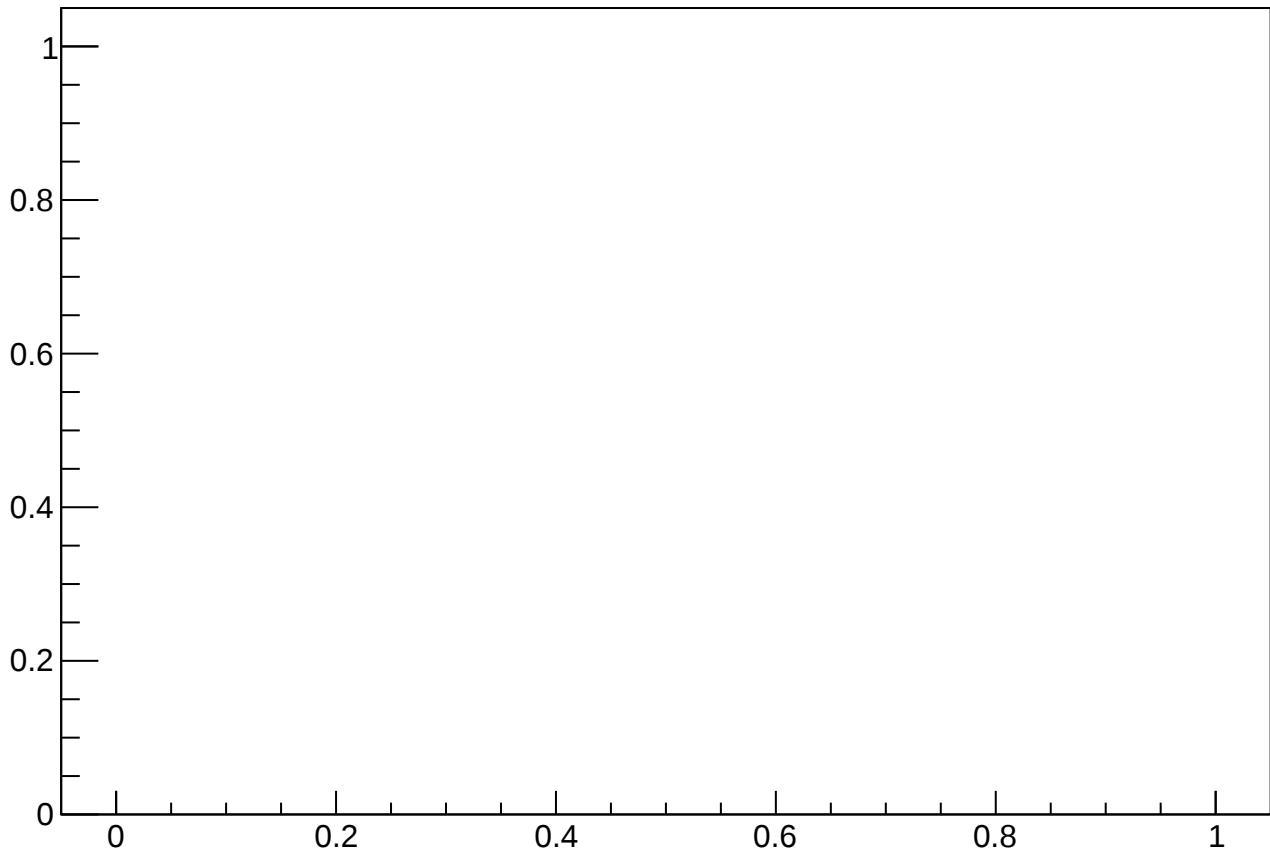
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_dsr_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

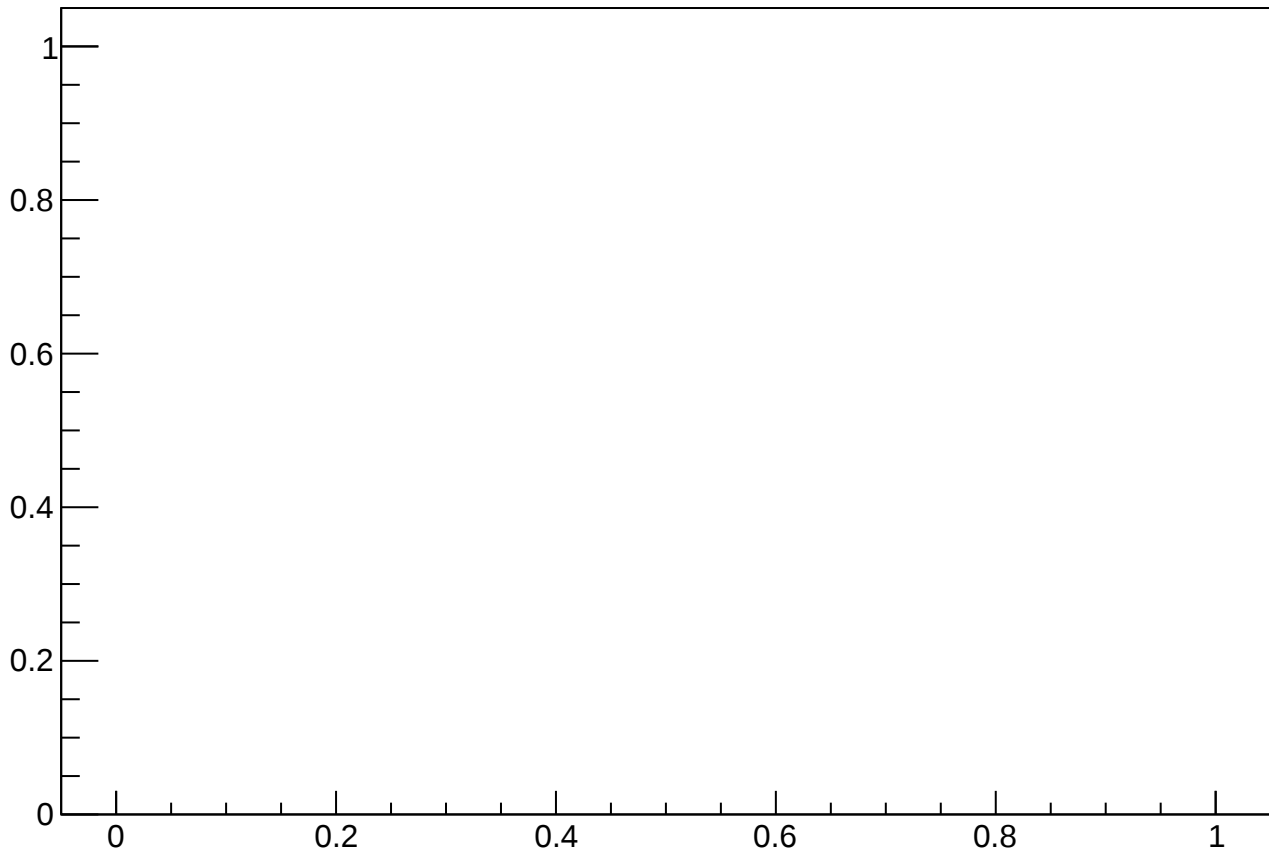
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_us_avg_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

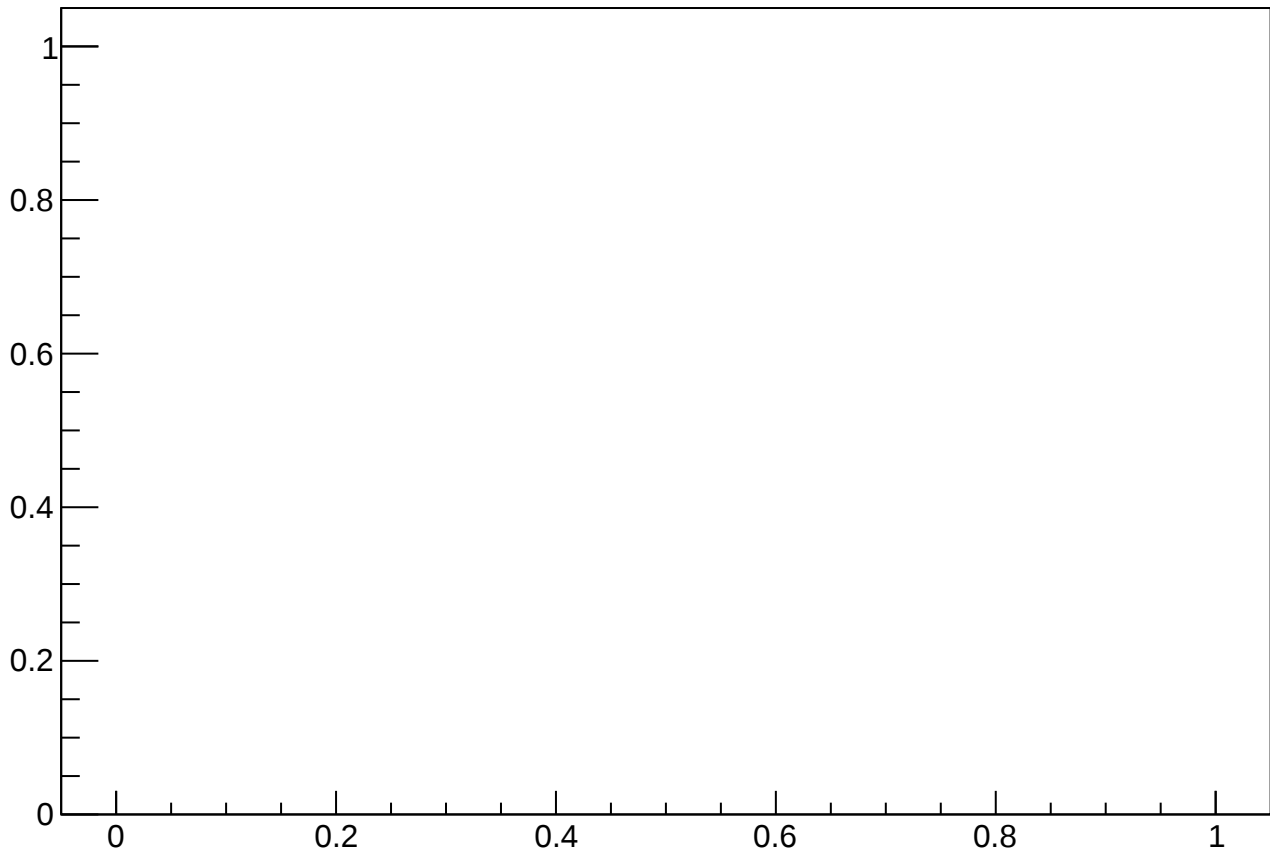
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_us_avg_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

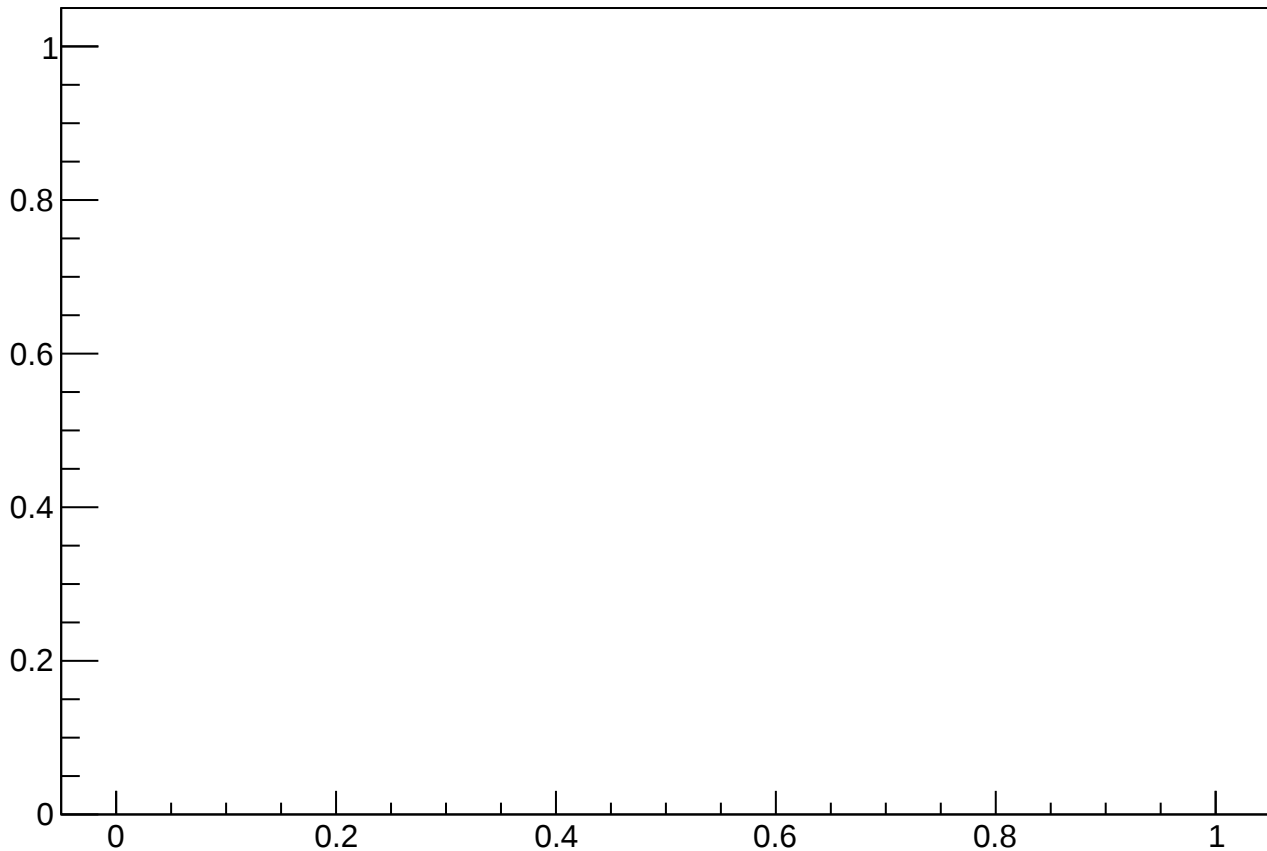
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

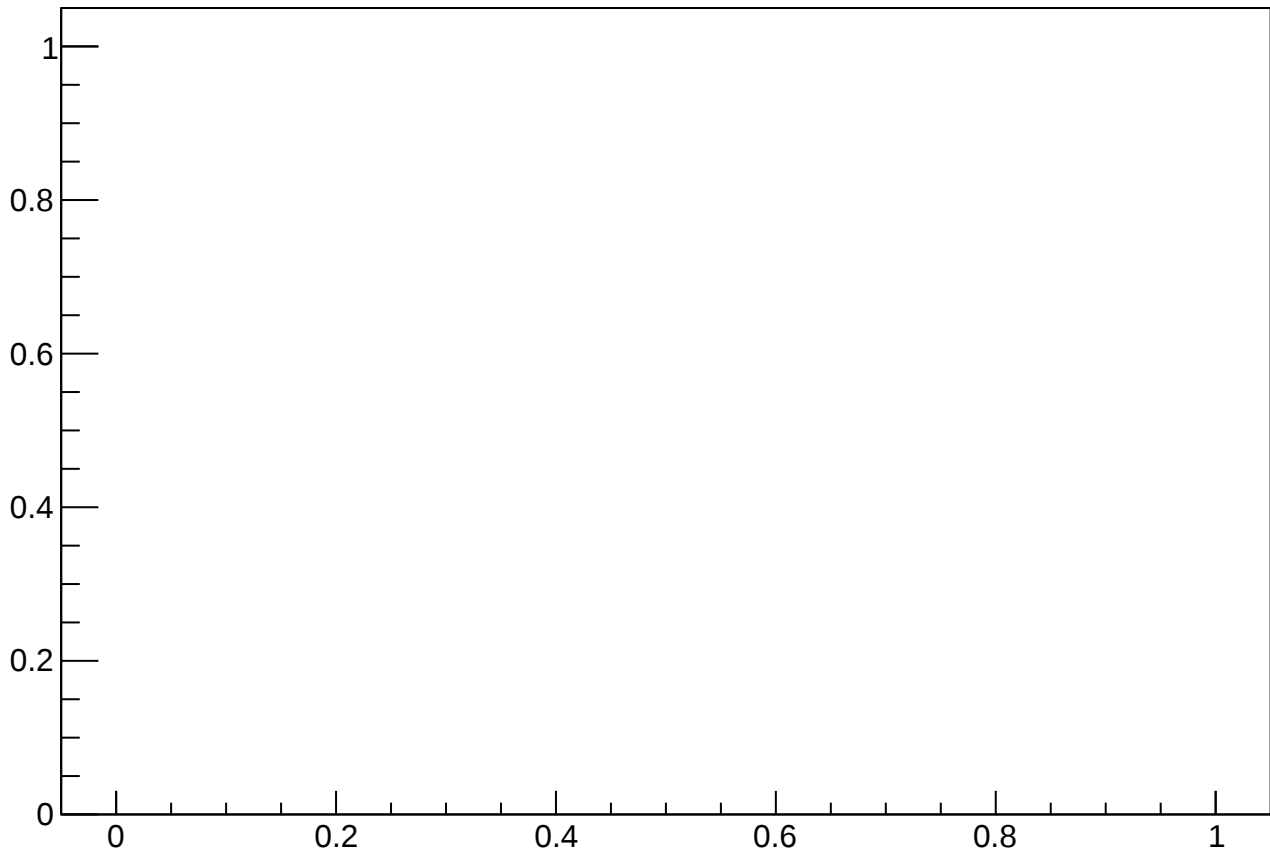
cor_us_dd_mean vs Slug, Sign Corrected



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

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

cor_us_dd_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

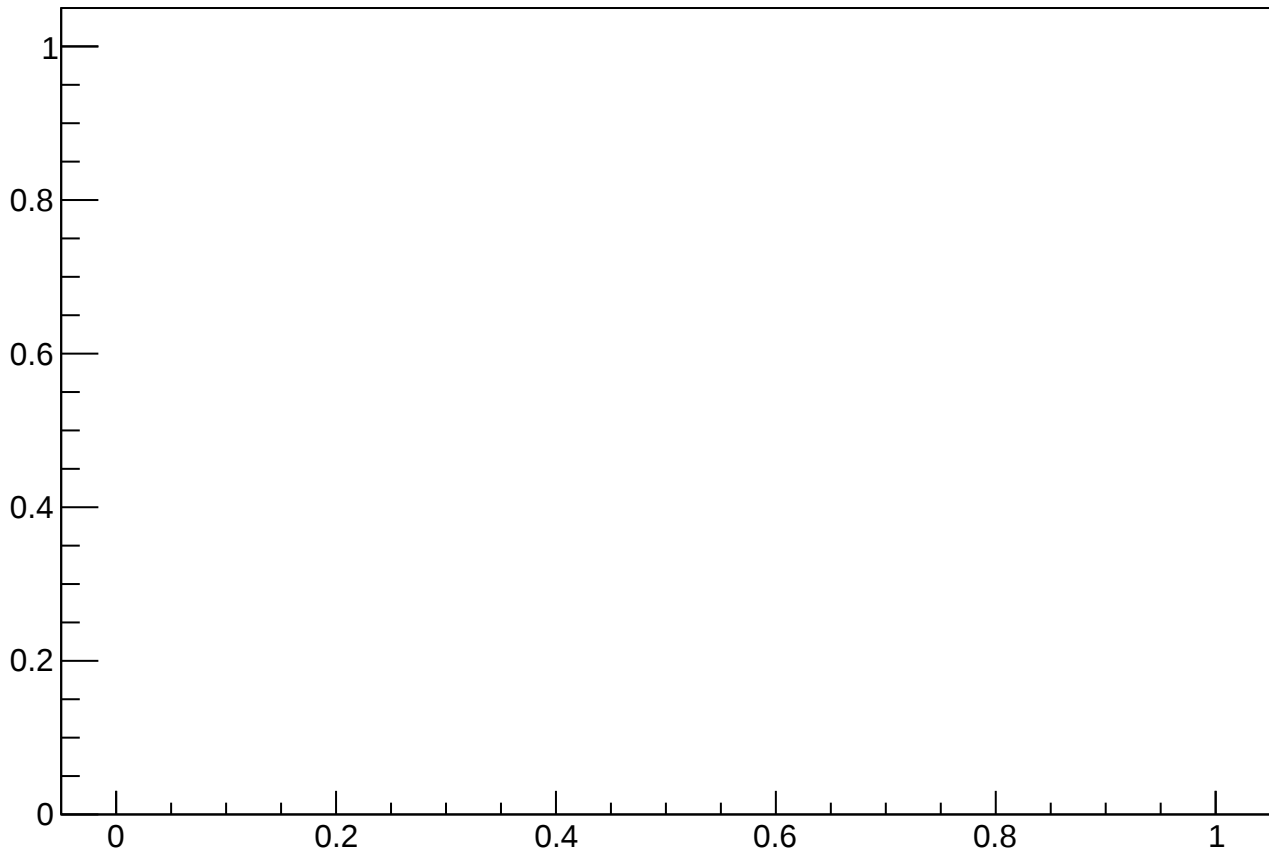
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_ds_avg_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

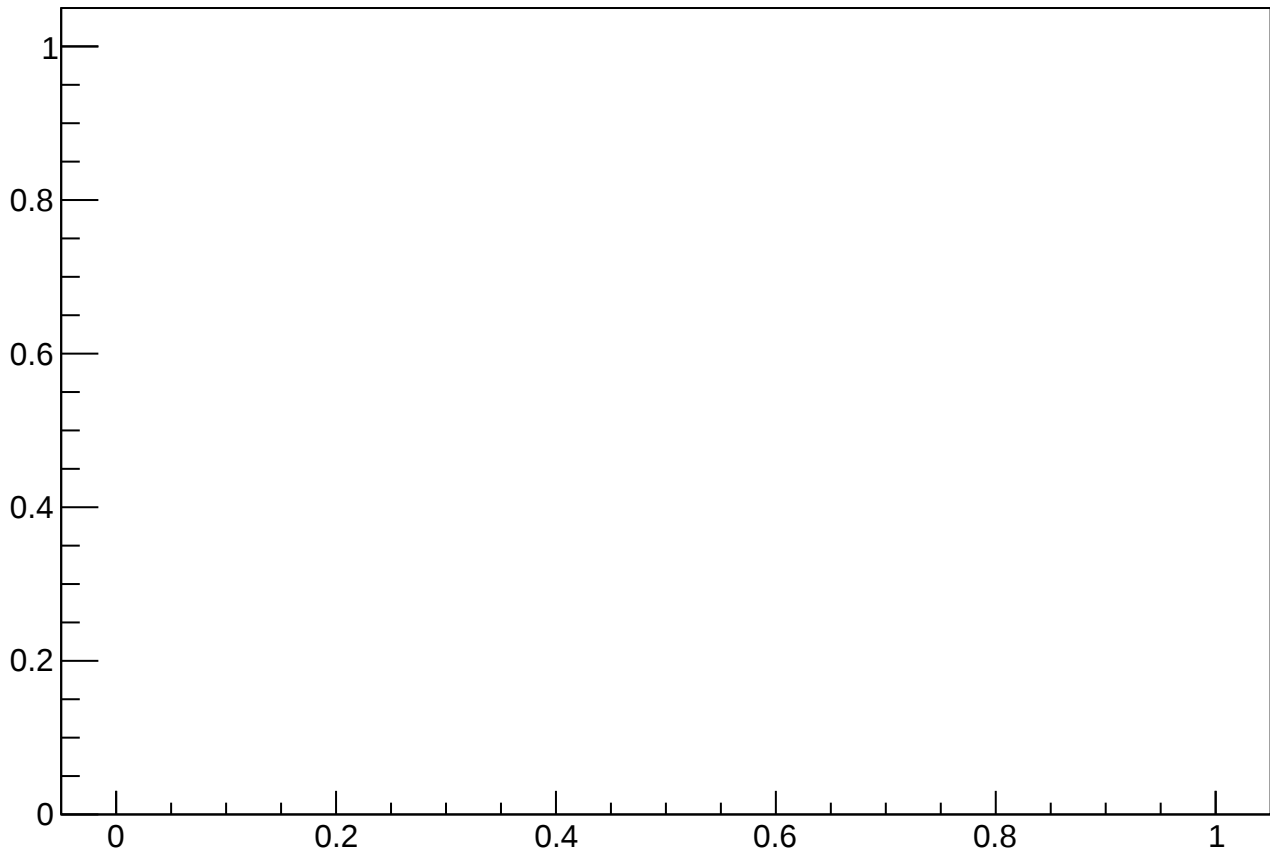
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_ds_avg_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

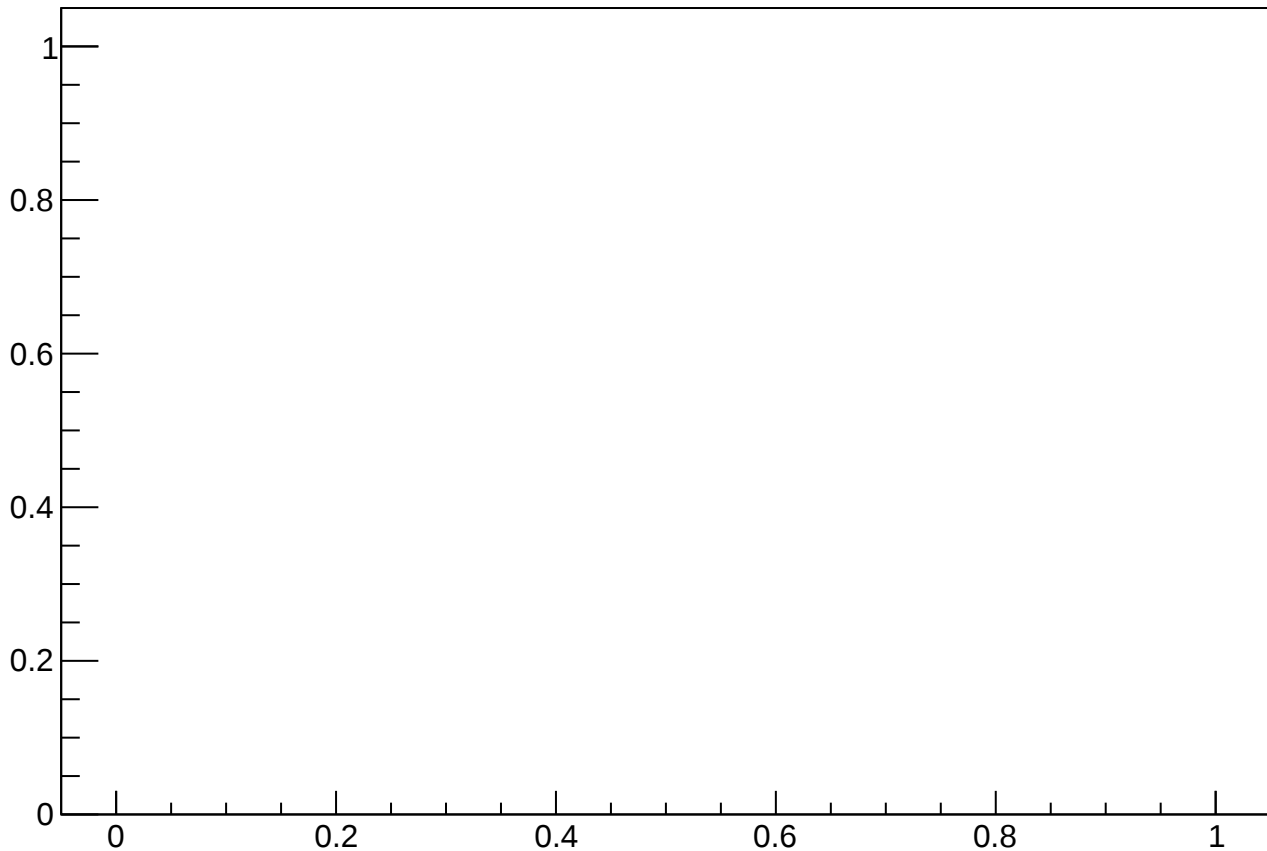
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

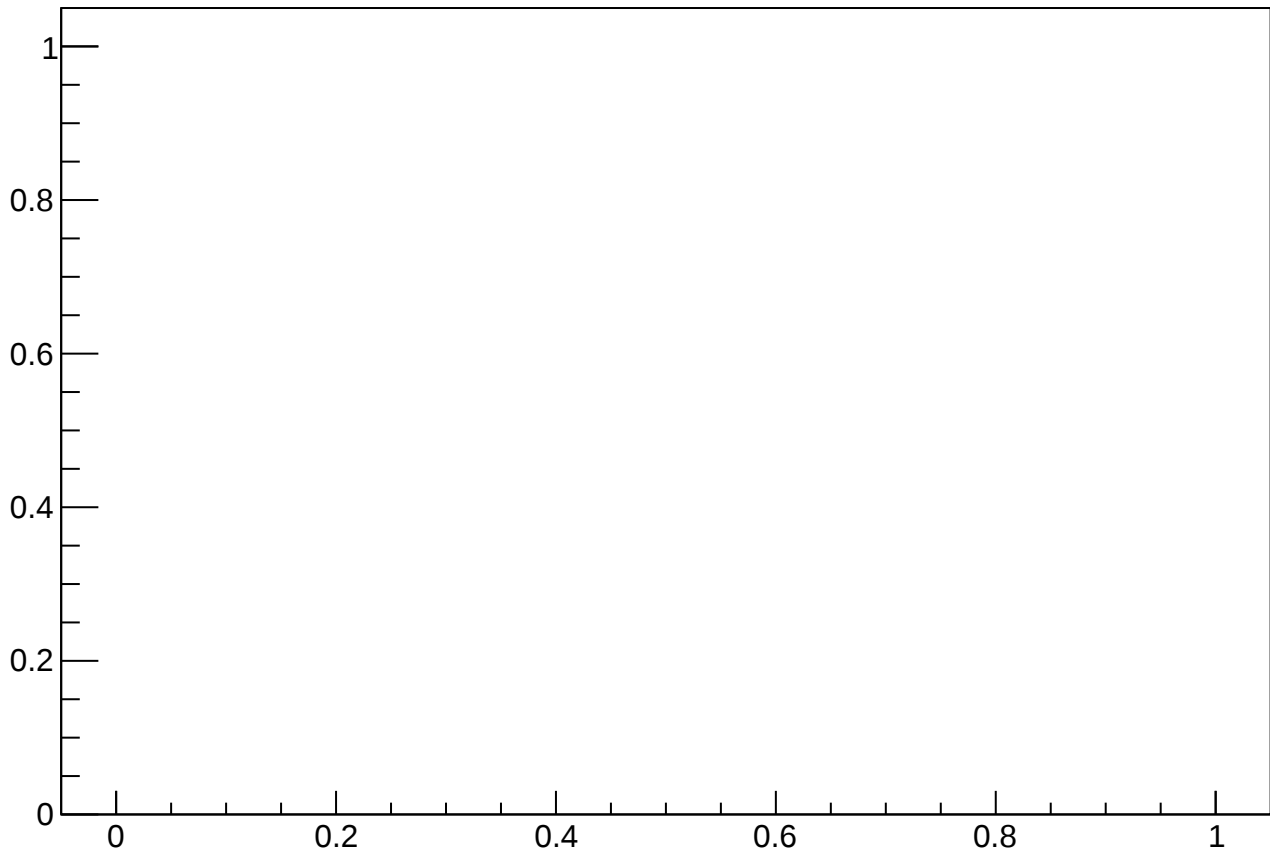
cor_ds_dd_mean vs Slug, Sign Corrected



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

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

cor_ds_dd_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

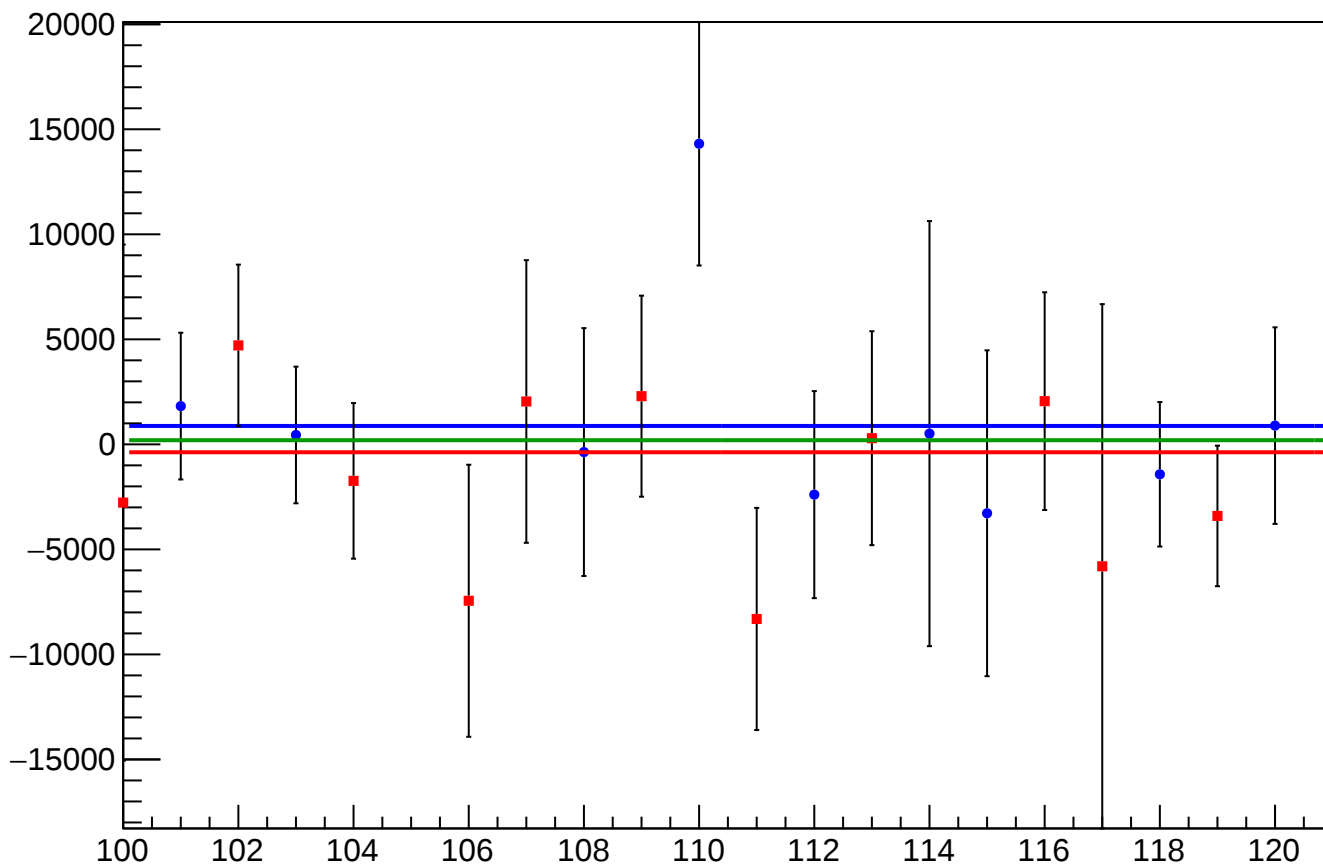
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_mean vs Slug, Sign Corrected



Right In: 876.337+/-1520.215 χ^2/NDF : 6.7/8

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

Right Out: -375.978+/-1396.567 χ^2/NDF : 7.9/11

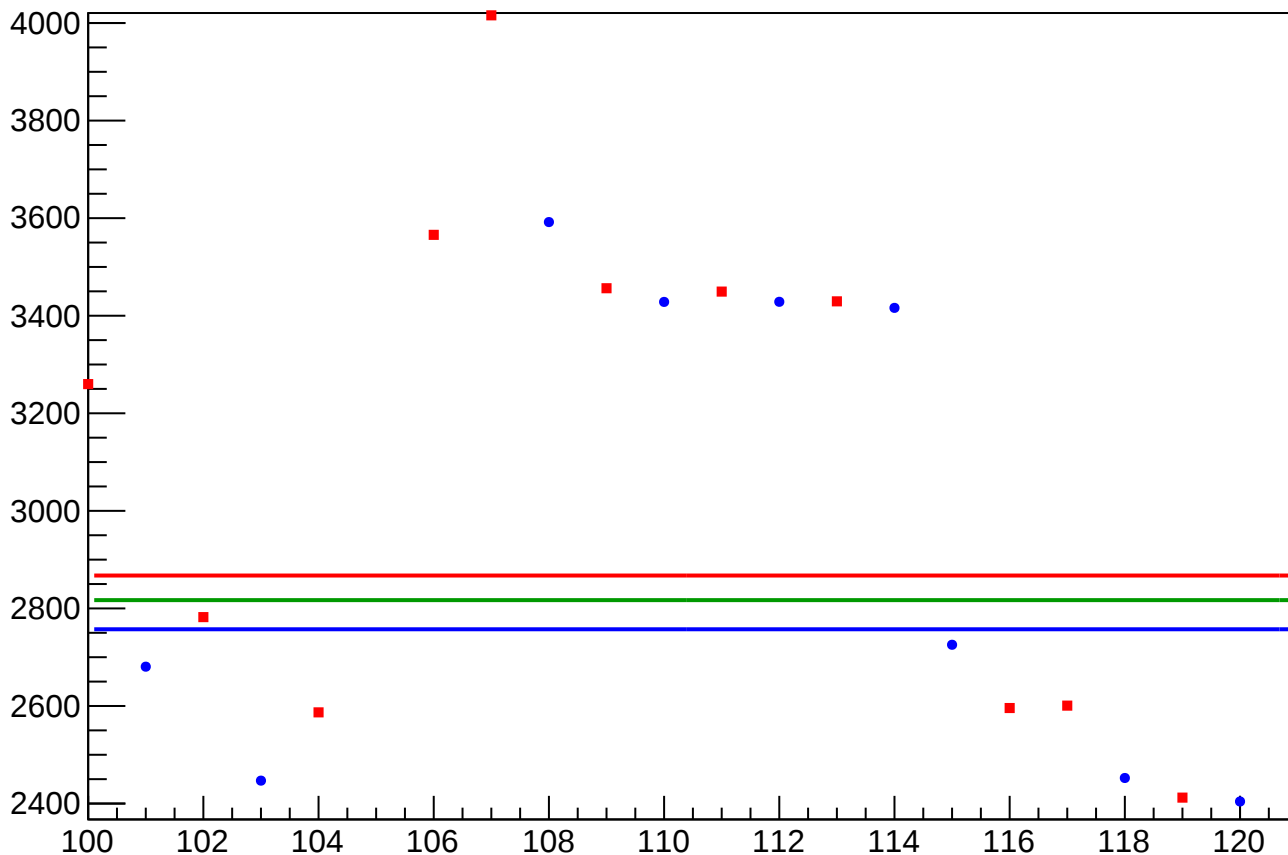
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

876.337+/-1520.215 χ^2/NDF : 6.7/8

197.187+/-1028.461 χ^2/NDF : 15.0/20

-375.978+/-1396.567 χ^2/NDF : 7.9/11

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2757.256+/-1.075 χ^2/NDF : 158709.1/8

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

Right Out: 2867.425+/-0.988 χ^2/NDF : 252308.7/11

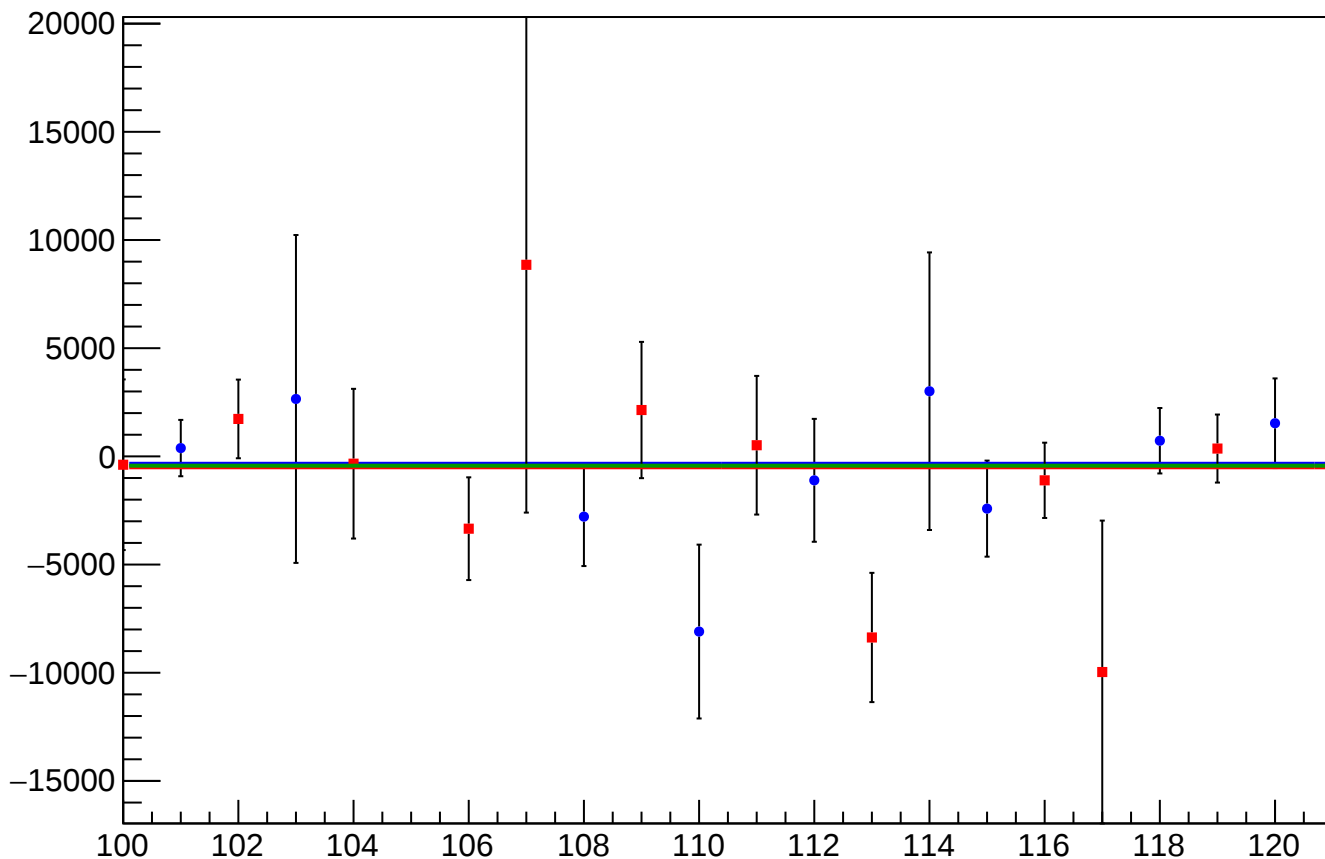
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2757.256+/-1.075 χ^2/NDF : 158709.1/8

2817.002+/-0.727 χ^2/NDF : 416714.0/20

2867.425+/-0.988 χ^2/NDF : 252308.7/11

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -342.235+/-728.766 χ^2/NDF : 7.9/8

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

Right Out: -503.837+/-667.117 χ^2/NDF : 13.8/11

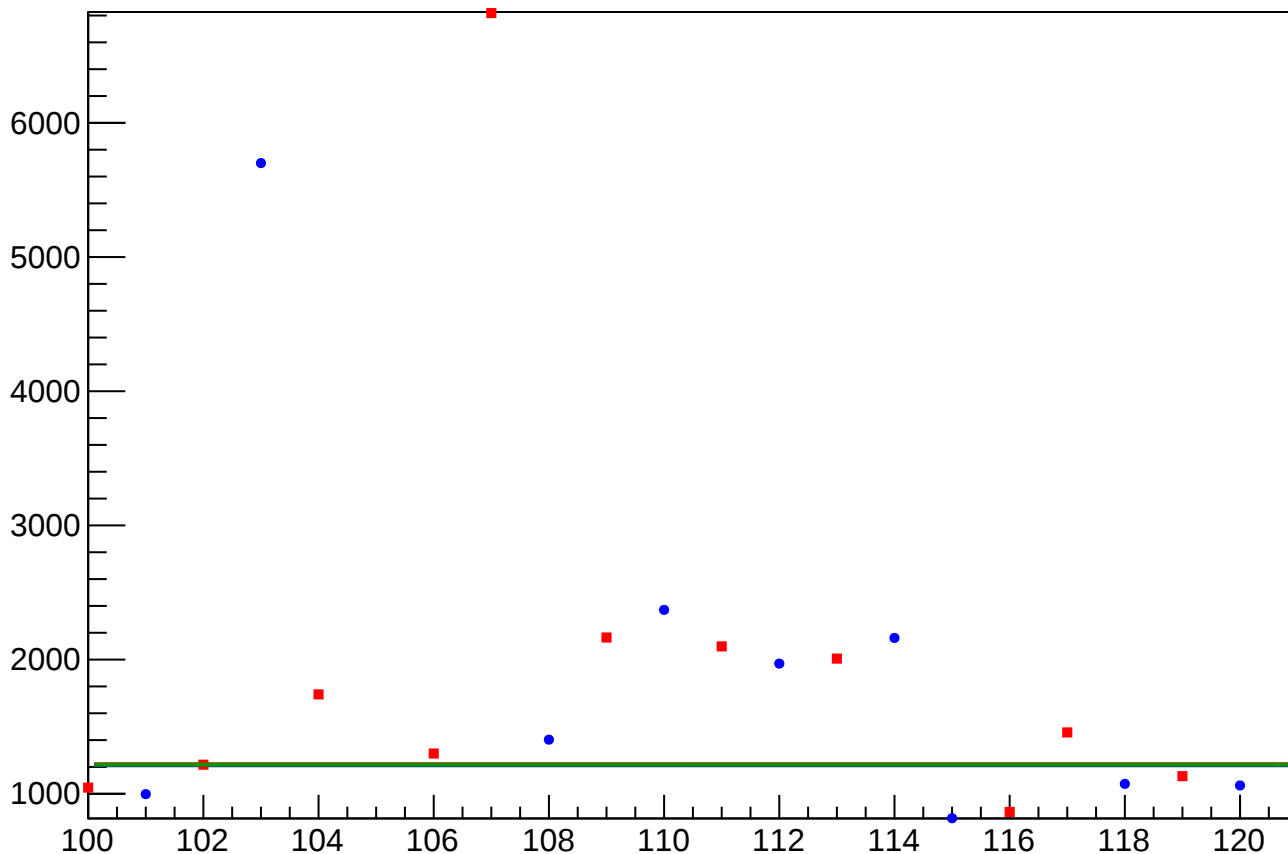
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-342.235+/-728.766 χ^2/NDF : 7.9/8

-430.160+/-492.077 χ^2/NDF : 21.7/20

-503.837+/-667.117 χ^2/NDF : 13.8/11

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1212.892+/-0.515 χ^2/NDF : 1213054.6/8

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

Right Out: 1220.060+/-0.472 χ^2/NDF : 1250351.5/11

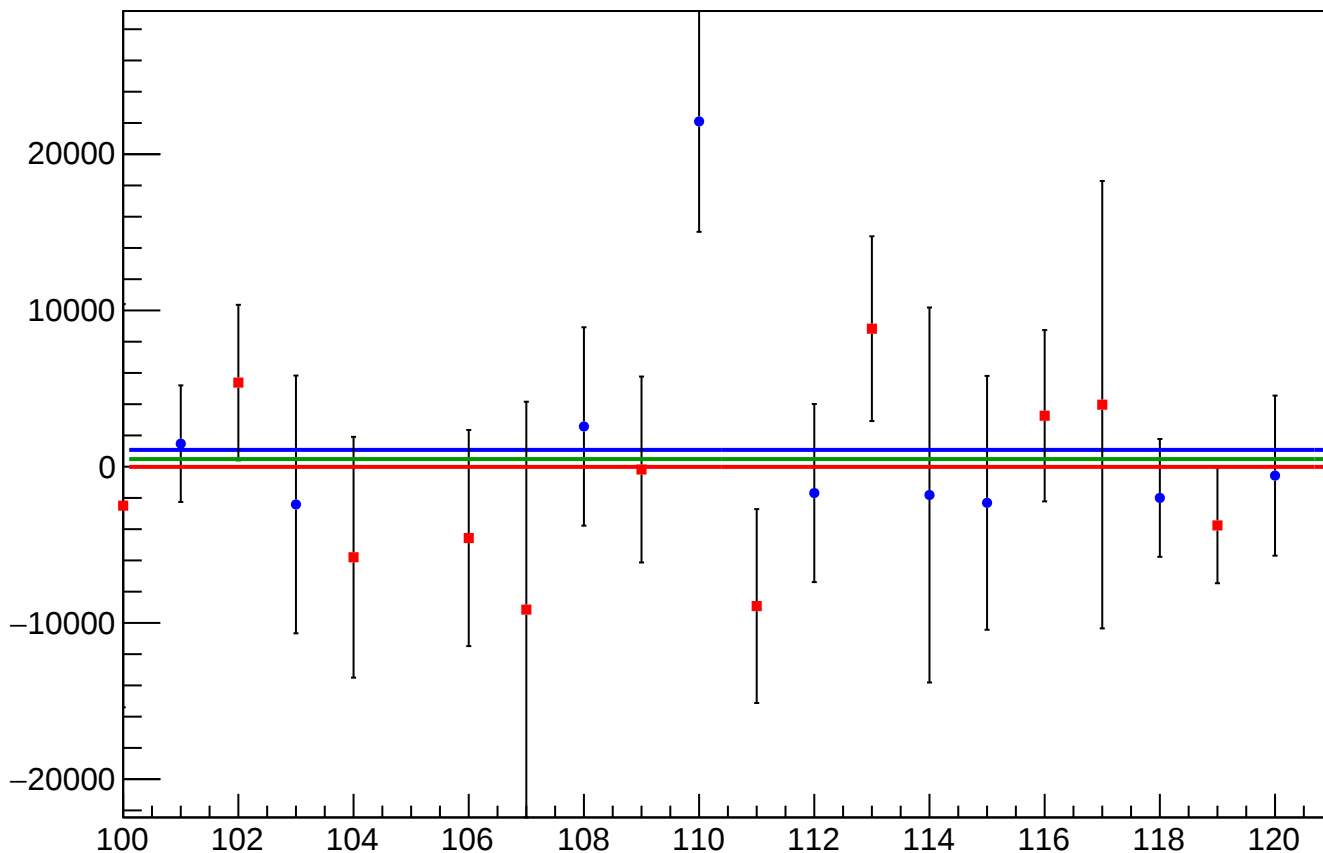
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1212.892+/-0.515 χ^2/NDF : 1213054.6/8

1216.792+/-0.348 χ^2/NDF : 2463511.5/20

1220.060+/-0.472 χ^2/NDF : 1250351.5/11

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1075.591+/-1848.645 χ^2/NDF : 10.3/8

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

Right Out: -12.066+/-1703.757 χ^2/NDF : 8.9/11

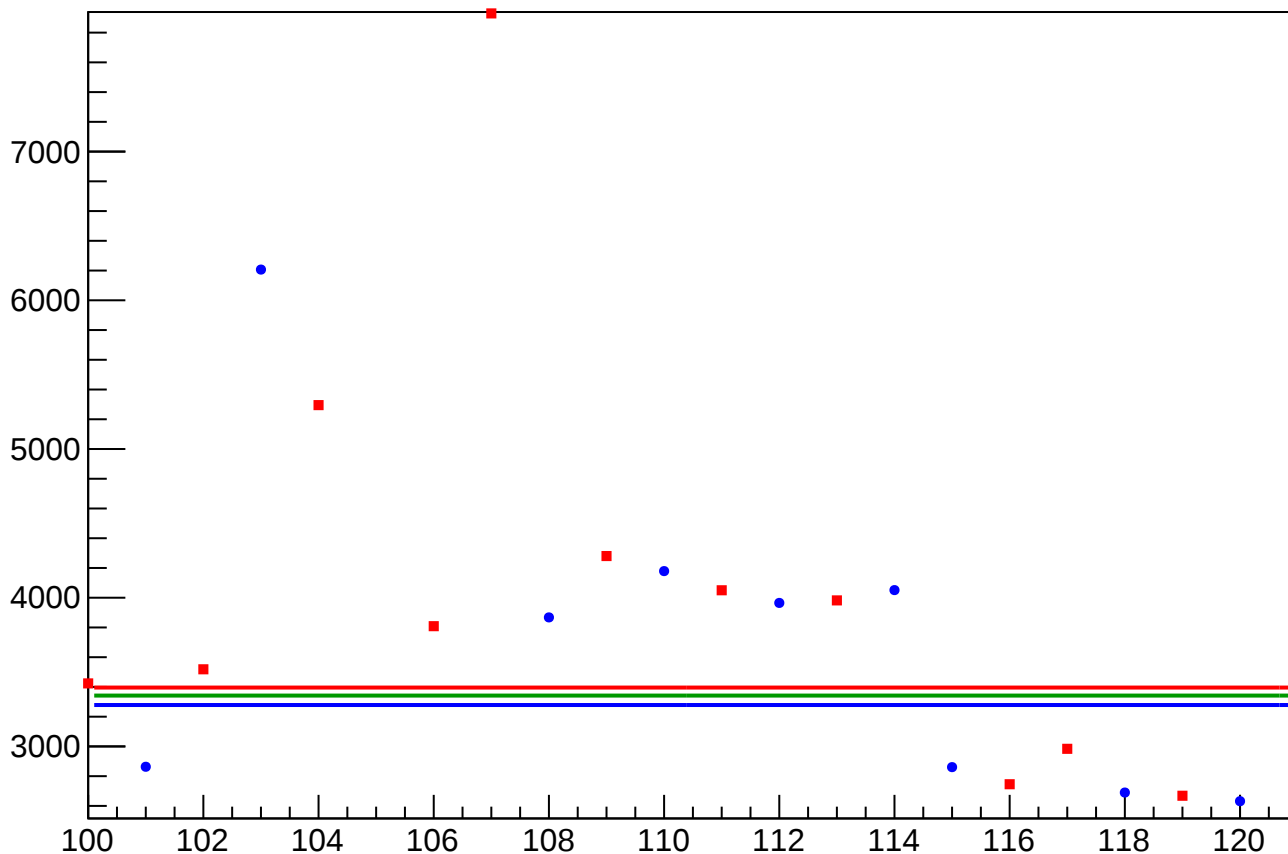
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1075.591+/-1848.645 χ^2/NDF : 10.3/8

487.475+/-1252.833 χ^2/NDF : 19.4/20

-12.066+/-1703.757 χ^2/NDF : 8.9/11

asym_atl1_rms vs Slug, Sign Corrected



Right In: 3278.475+/-1.307 χ^2/NDF : 449593.1/8

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

Right Out: 3395.868+/-1.205 χ^2/NDF : 648684.5/11

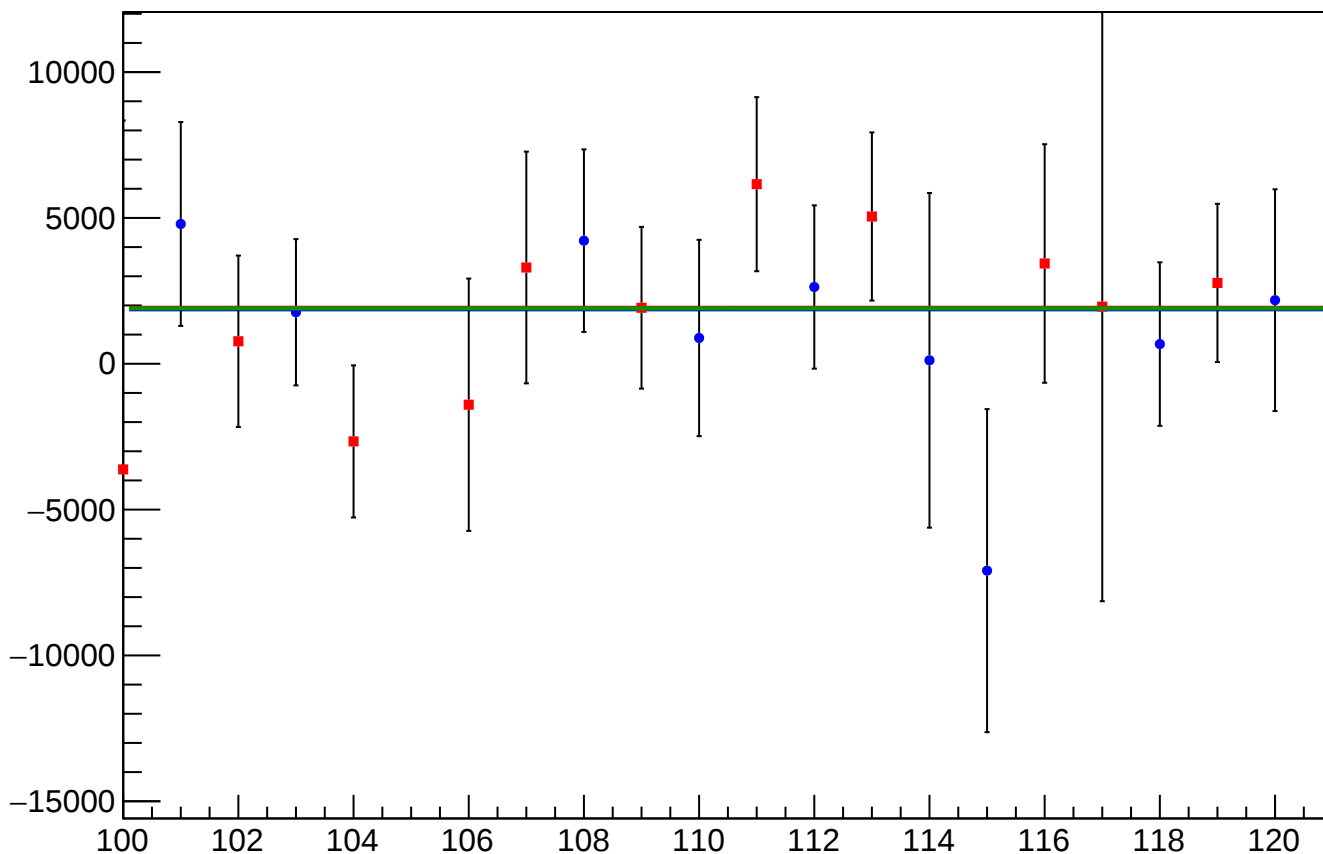
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3278.475+/-1.307 χ^2/NDF : 449593.1/8

3341.951+/-0.886 χ^2/NDF : 1102638.6/20

3395.868+/-1.205 χ^2/NDF : 648684.5/11

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1866.097+/-1105.570 χ^2/NDF : 4.3/8

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

Right Out: 1921.226+/-971.128 χ^2/NDF : 7.7/11

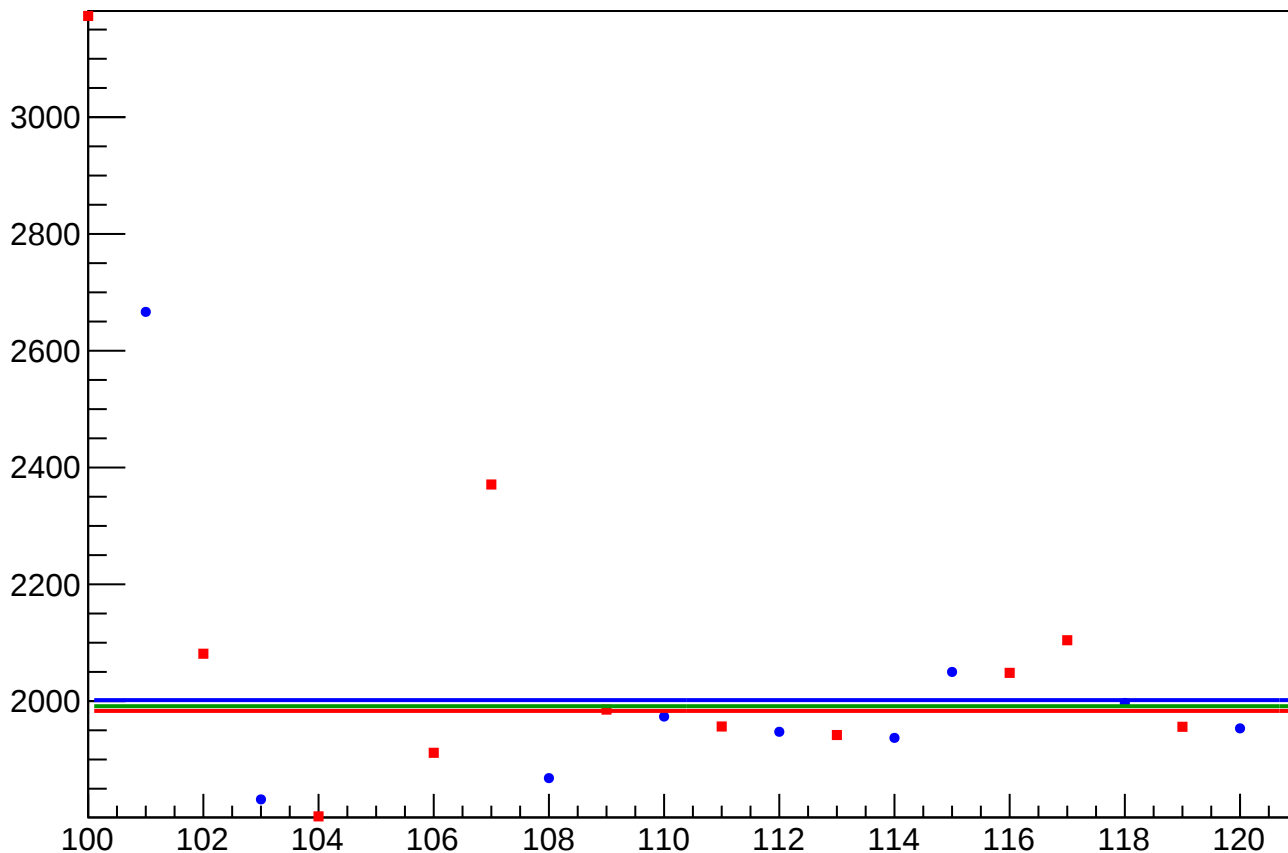
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1866.097+/-1105.570 χ^2/NDF : 4.3/8

1897.215+/-729.619 χ^2/NDF : 12.1/20

1921.226+/-971.128 χ^2/NDF : 7.7/11

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2001.690 $\pm$ 0.782 χ^2 /NDF: 86808.9/8

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

Right Out: 1983.214 $\pm$ 0.687 χ^2 /NDF: 53849.1/11

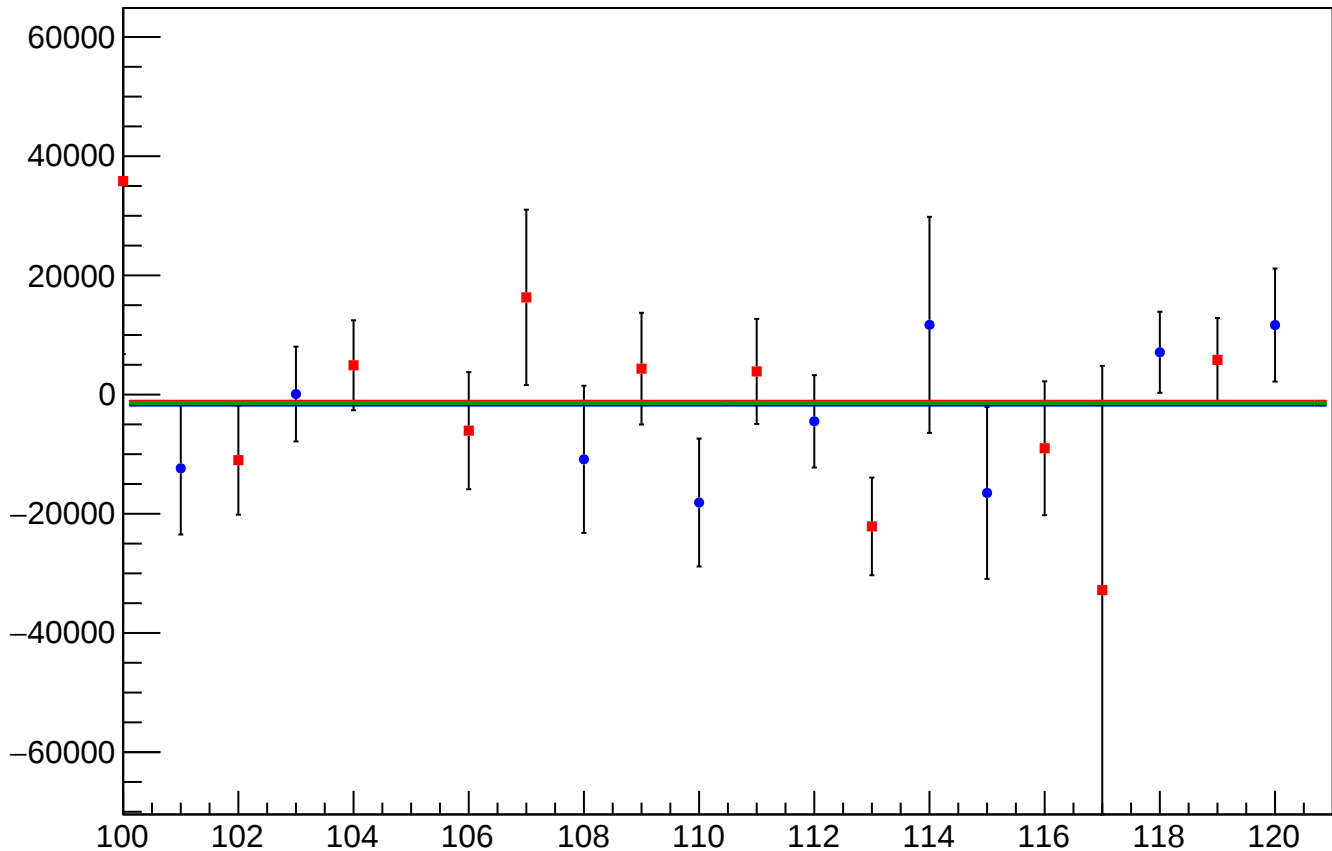
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2001.690 $\pm$ 0.782 χ^2 /NDF: 86808.9/8

1991.261 $\pm$ 0.516 χ^2 /NDF: 140973.3/20

1983.214 $\pm$ 0.687 χ^2 /NDF: 53849.1/11

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -1687.967+/-3220.957 χ^2/NDF : 9.3/8

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

Right Out: -1193.950+/-2743.979 χ^2/NDF : 14.7/11

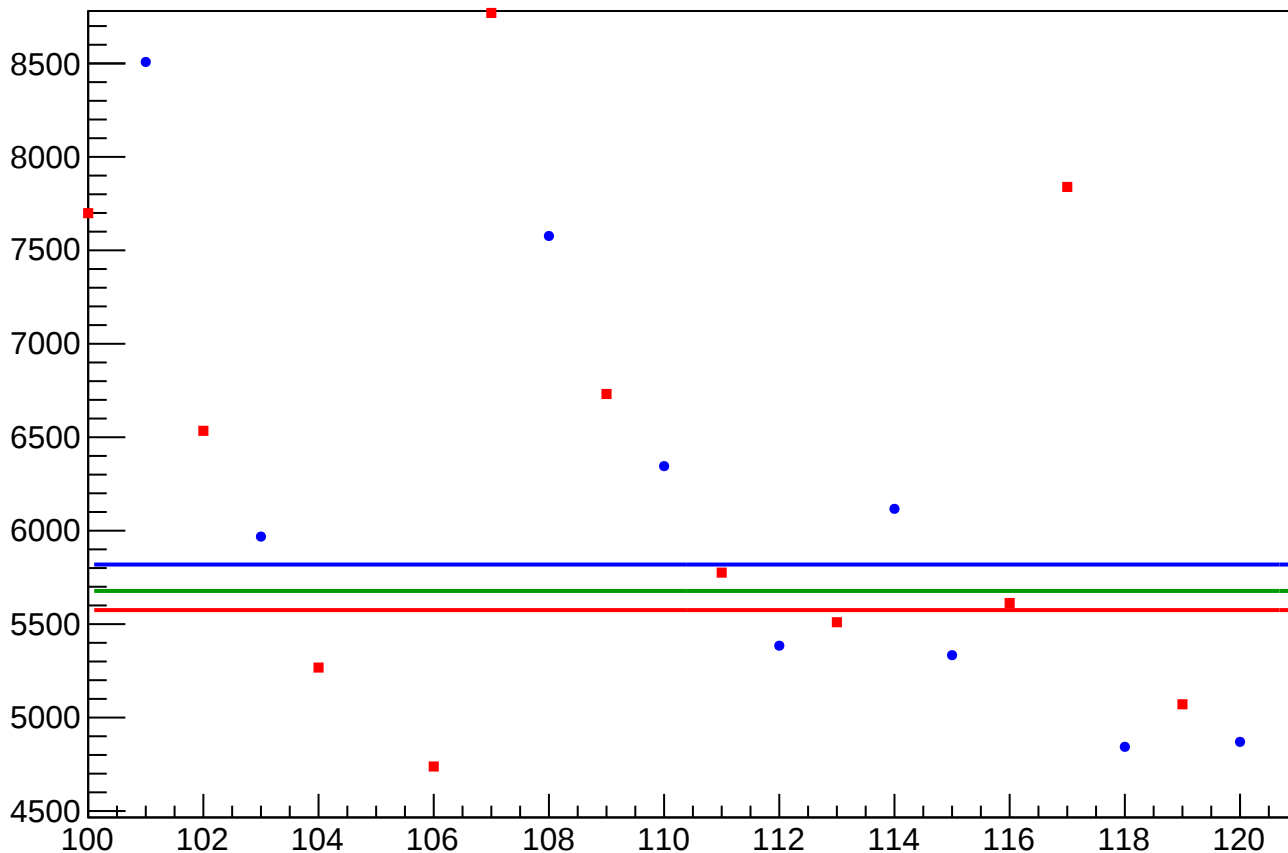
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1687.967+/-3220.957 χ^2/NDF : 9.3/8

-1401.706+/-2088.771 χ^2/NDF : 24.0/20

-1193.950+/-2743.979 χ^2/NDF : 14.7/11

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 5818.835+/-2.278 χ^2/NDF : 233599.2/8

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

Right Out: 5575.118+/-1.940 χ^2/NDF : 240675.1/11

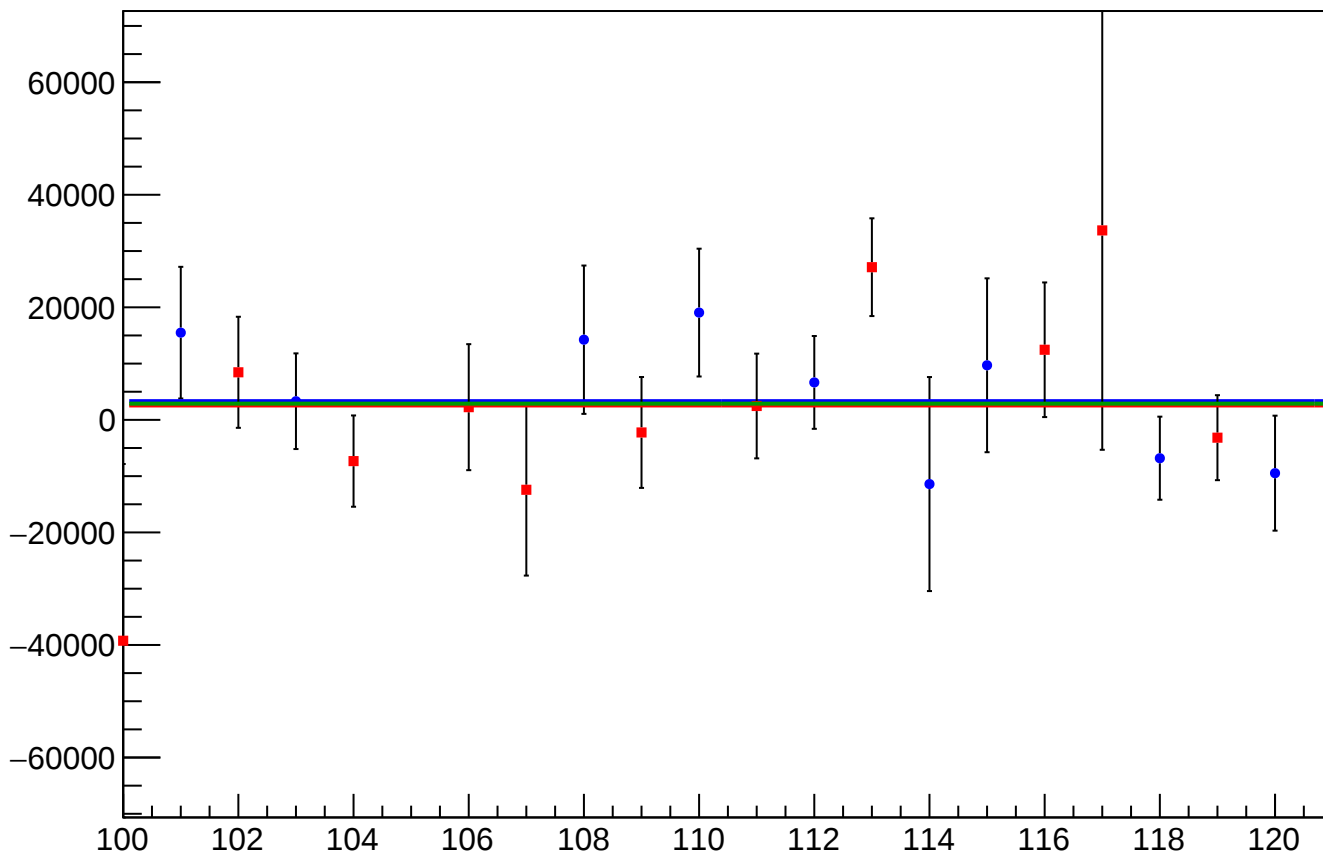
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5818.835+/-2.278 χ^2/NDF : 233599.2/8

5677.612+/-1.477 χ^2/NDF : 480909.5/20

5575.118+/-1.940 χ^2/NDF : 240675.1/11

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3325.786+/-3445.077 χ^2/NDF : 8.1/8

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

Right Out: 2560.554+/-2945.753 χ^2/NDF : 15.0/11

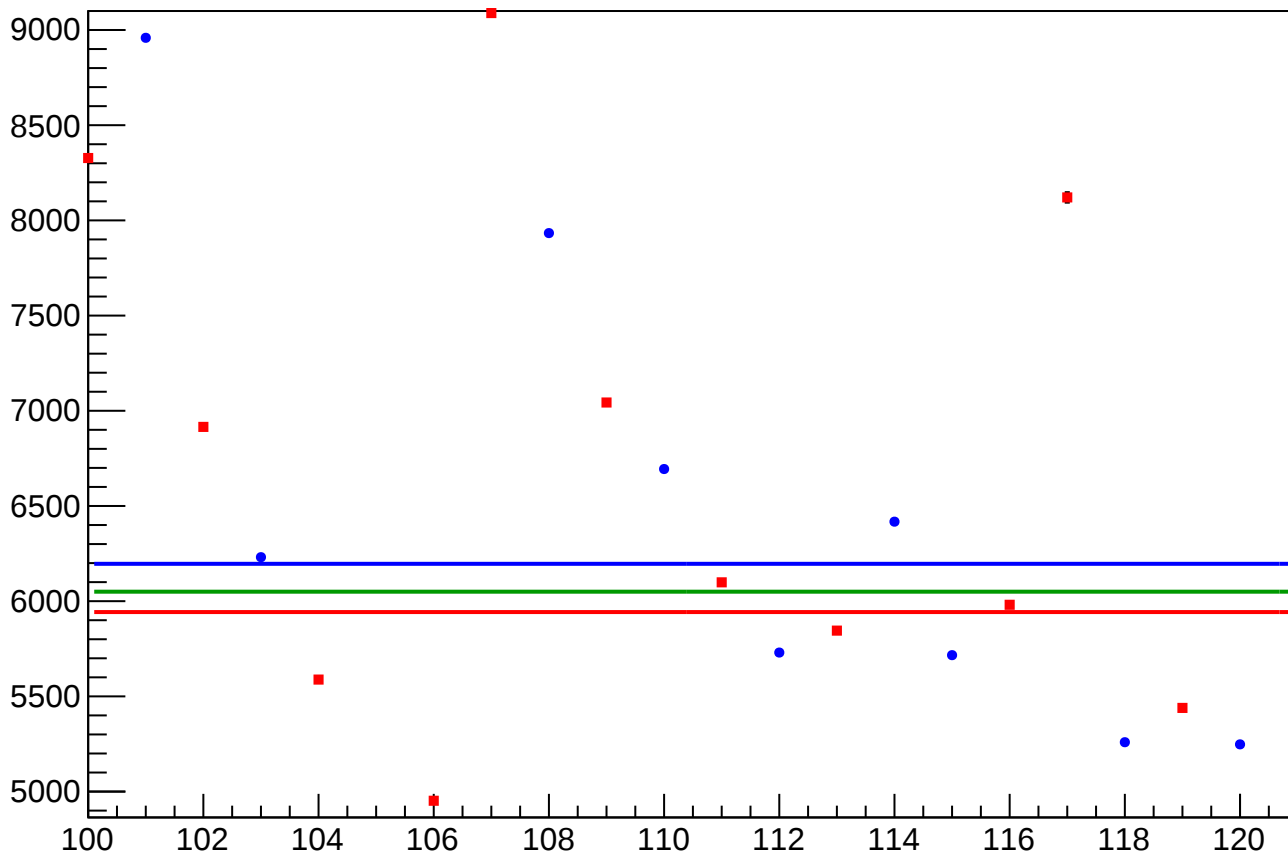
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3325.786+/-3445.077 χ^2/NDF : 8.1/8

2883.744+/-2238.883 χ^2/NDF : 23.1/20

2560.554+/-2945.753 χ^2/NDF : 15.0/11

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6196.232 $\pm$ 2.436 χ^2 /NDF: 208213.9/8

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

Right Out: 5942.832 $\pm$ 2.083 χ^2 /NDF: 213842.1/11

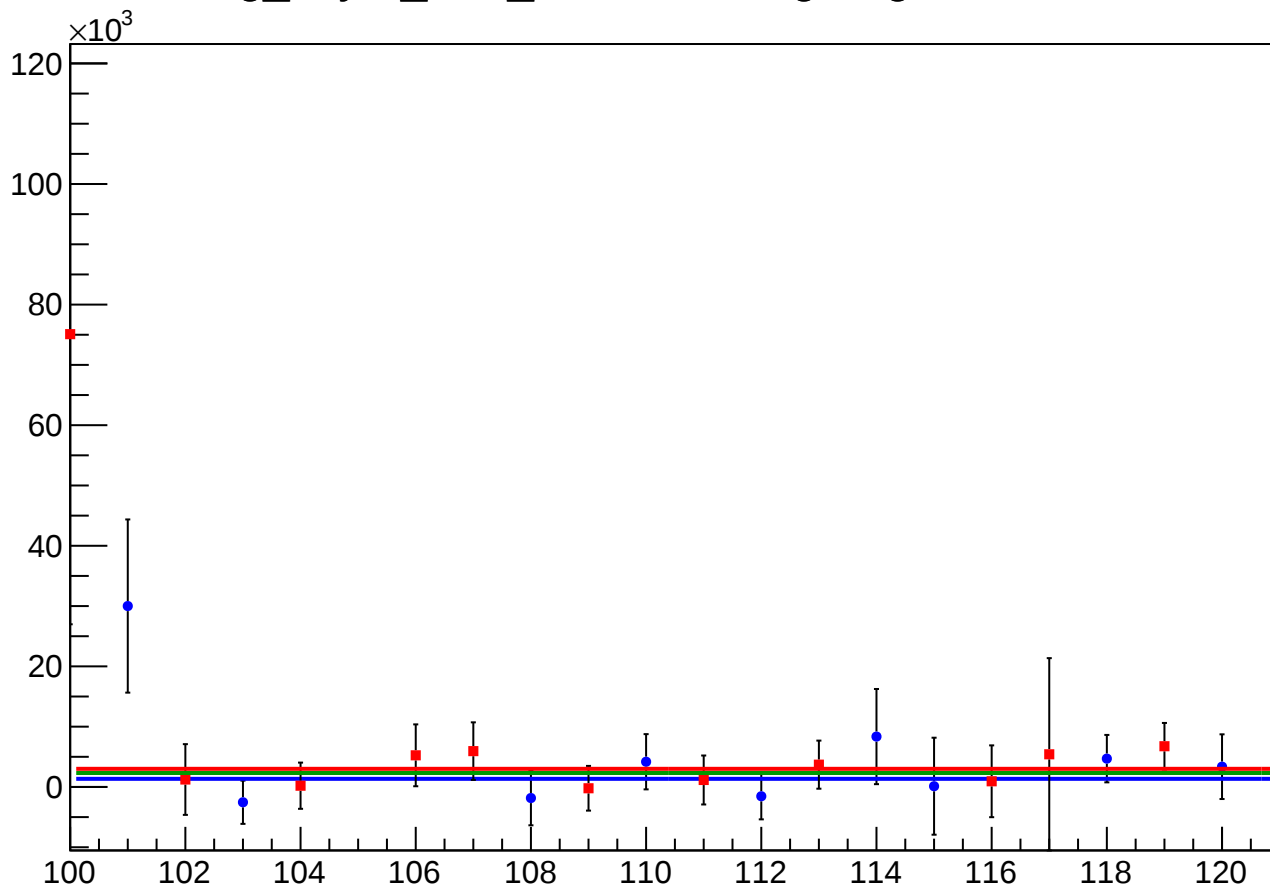
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6196.232 $\pm$ 2.436 χ^2 /NDF: 208213.9/8

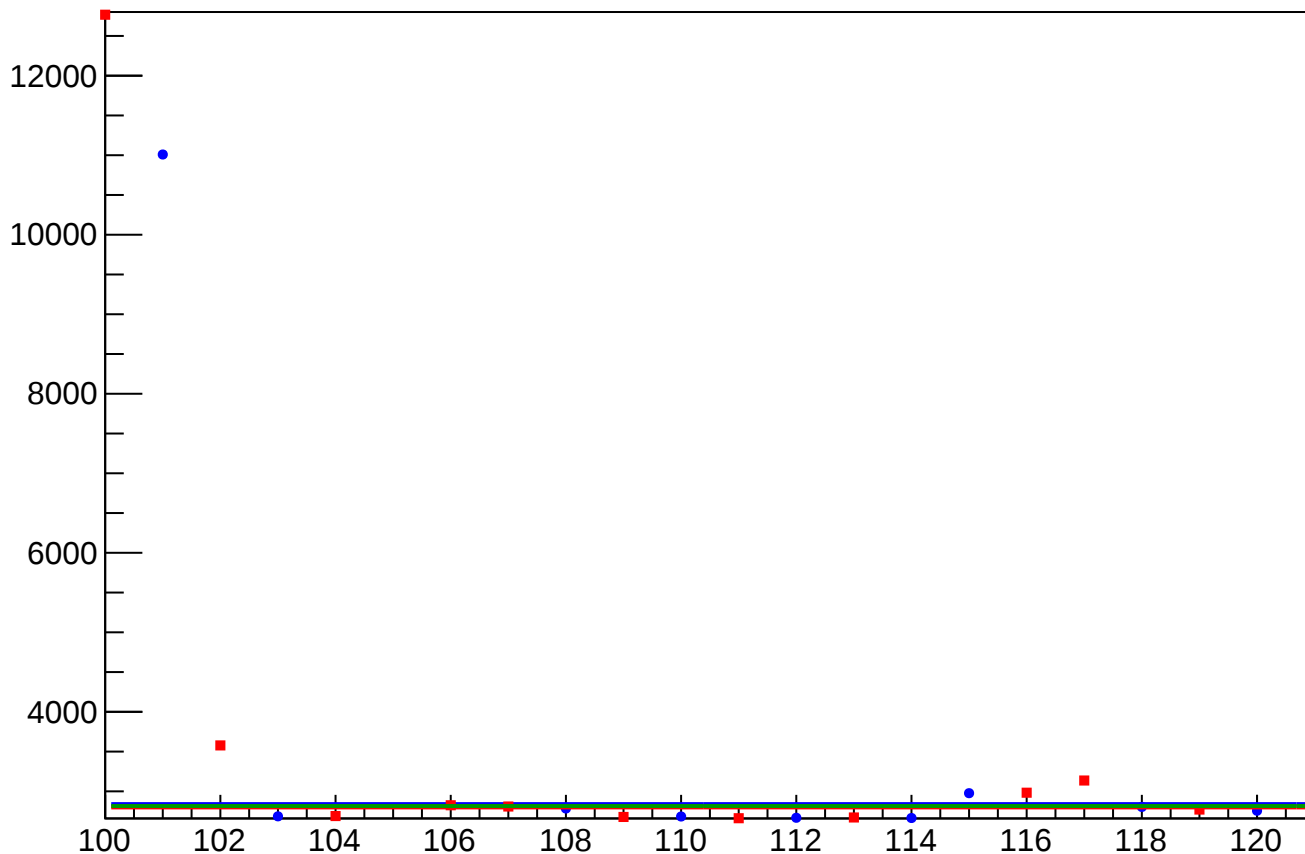
6049.846 $\pm$ 1.583 χ^2 /NDF: 428307.0/20

5942.832 $\pm$ 2.083 χ^2 /NDF: 213842.1/11

reg_asym_atr1_mean vs Slug, Sign Corrected



reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2839.310+/-1.150 χ^2/NDF : 659639.7/8

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

Right Out: 2798.056+/-0.976 χ^2/NDF : 132161.6/11

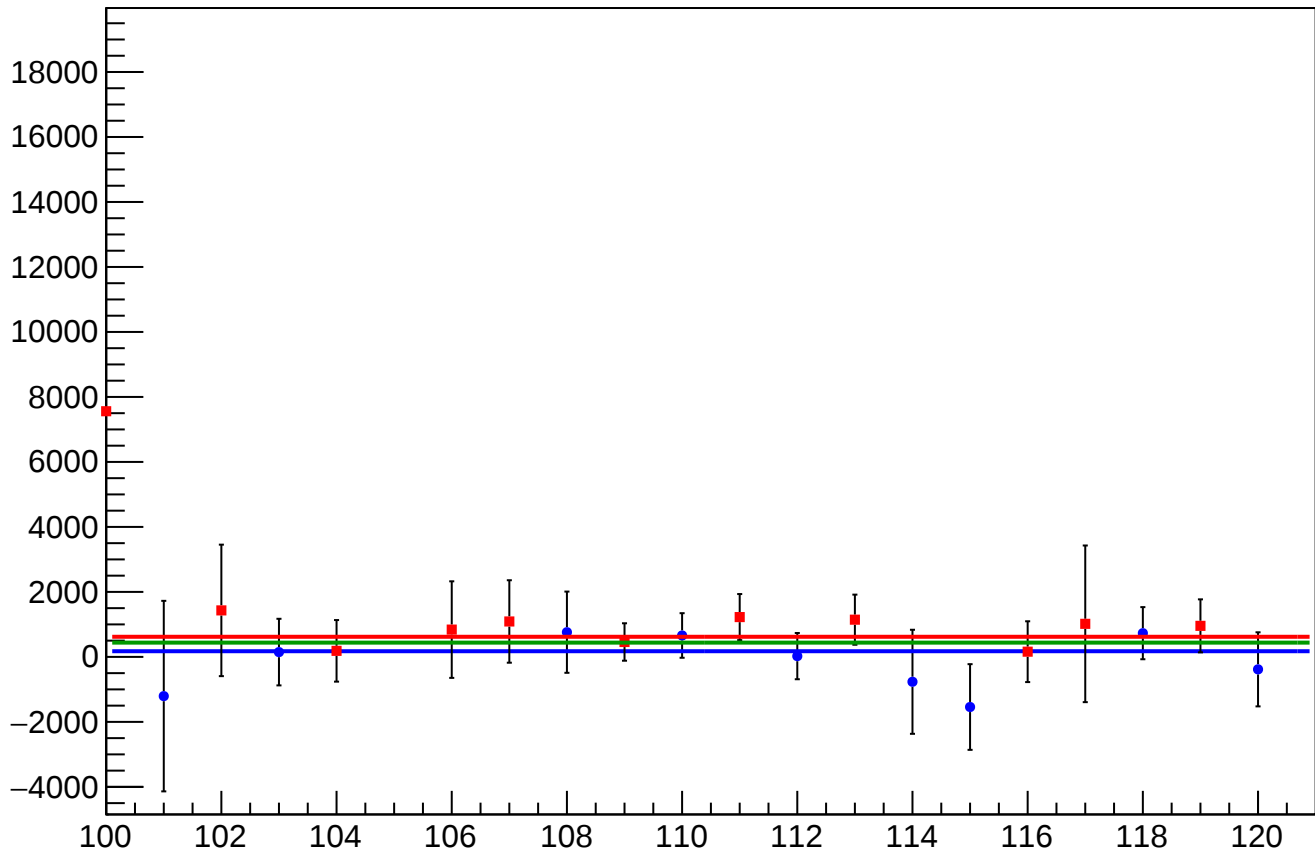
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2839.310+/-1.150 χ^2/NDF : 659639.7/8

2815.332+/-0.744 χ^2/NDF : 792549.4/20

2798.056+/-0.976 χ^2/NDF : 132161.6/11

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: 174.655+/-331.558 χ^2/NDF : 3.7/8

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

Right Out: 619.241+/-273.431 χ^2/NDF : 4.8/11

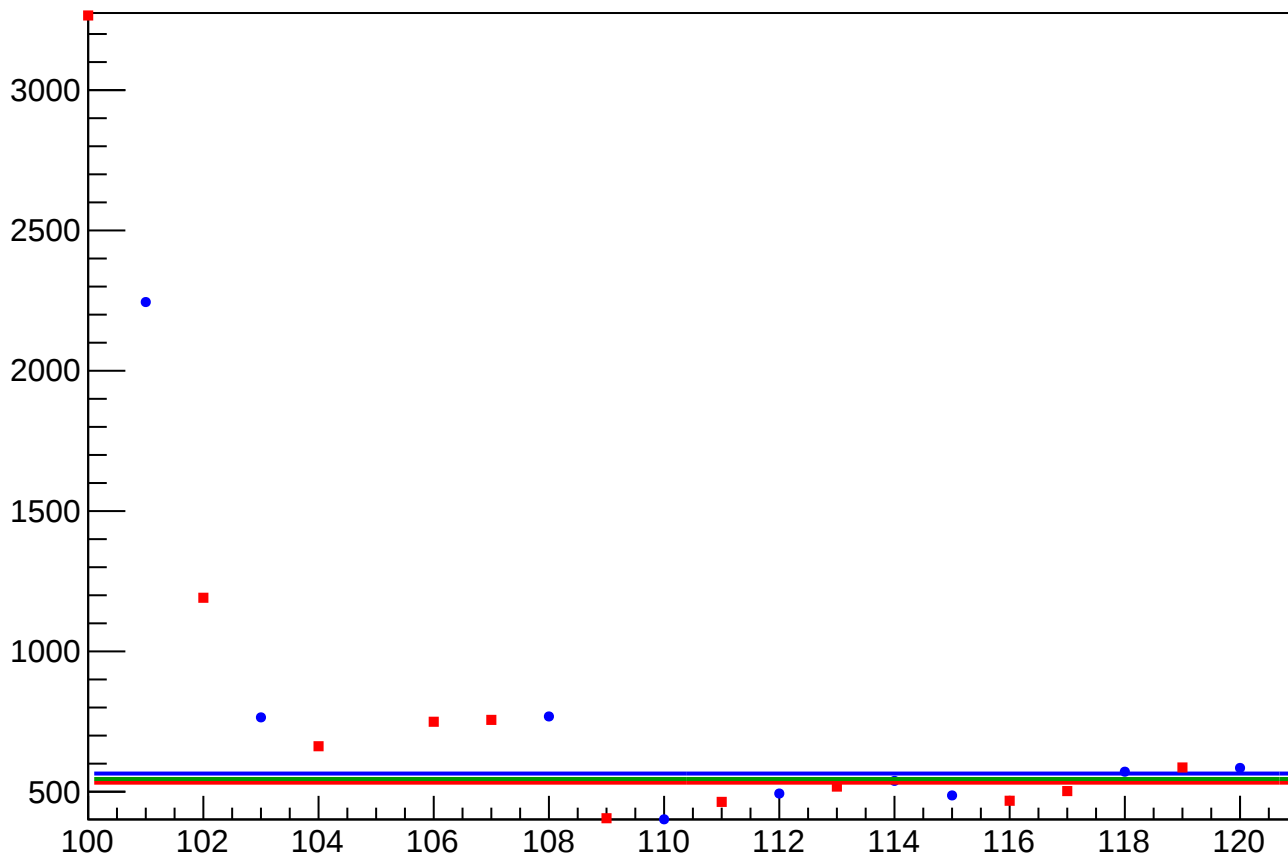
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

174.655+/-331.558 χ^2/NDF : 3.7/8

439.273+/-210.950 χ^2/NDF : 9.7/20

619.241+/-273.431 χ^2/NDF : 4.8/11

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 564.727+/-0.234 χ^2/NDF : 927537.6/8

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

Right Out: 532.241+/-0.193 χ^2/NDF : 586929.9/11

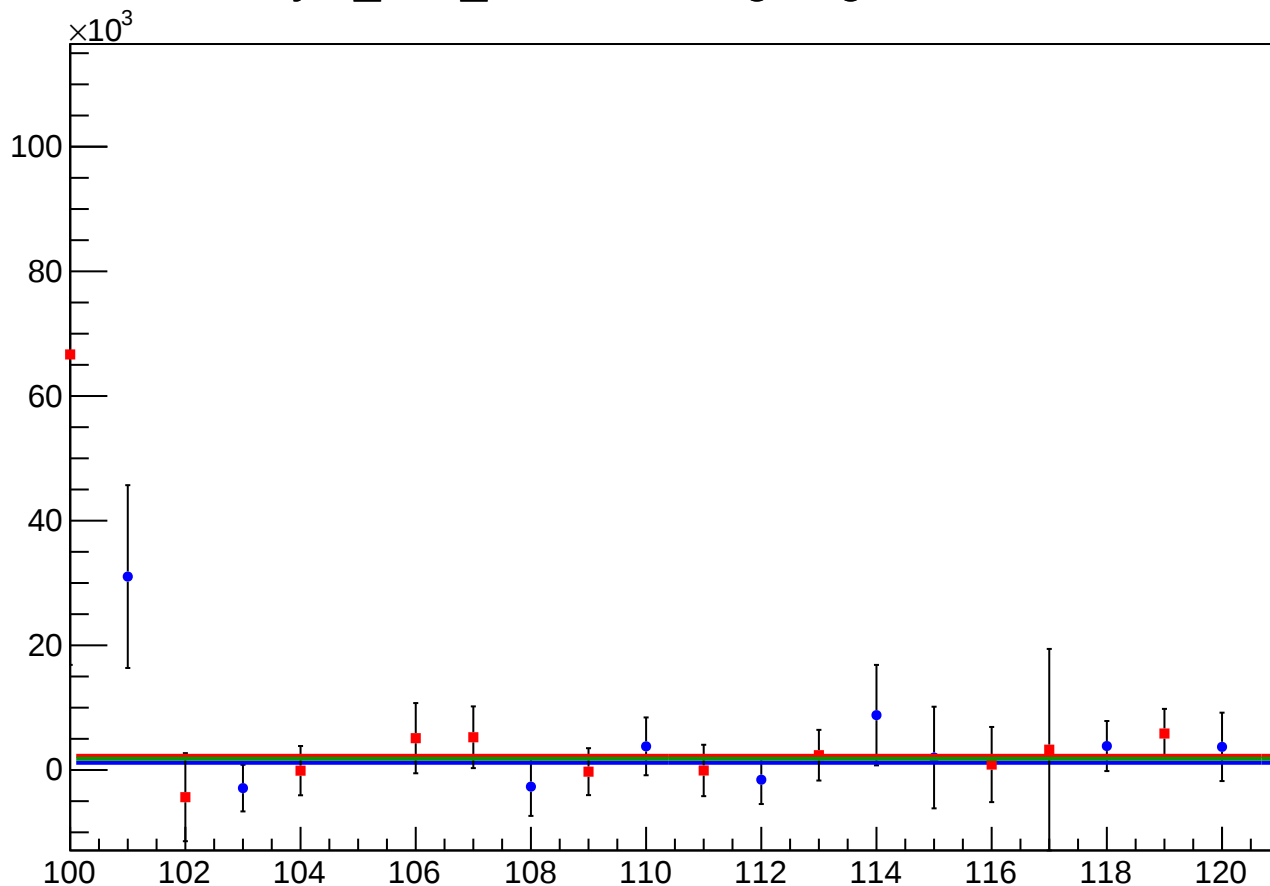
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

564.727+/-0.234 χ^2/NDF : 927537.6/8

545.391+/-0.149 χ^2/NDF : 1525895.7/20

532.241+/-0.193 χ^2/NDF : 586929.9/11

asym_atr1_mean vs Slug, Sign Corrected



Right In: 1159.553+/-1668.101 χ^2/NDF : 8.4/8

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

Right Out: 2273.146+/-1428.268 χ^2/NDF : 5.8/11

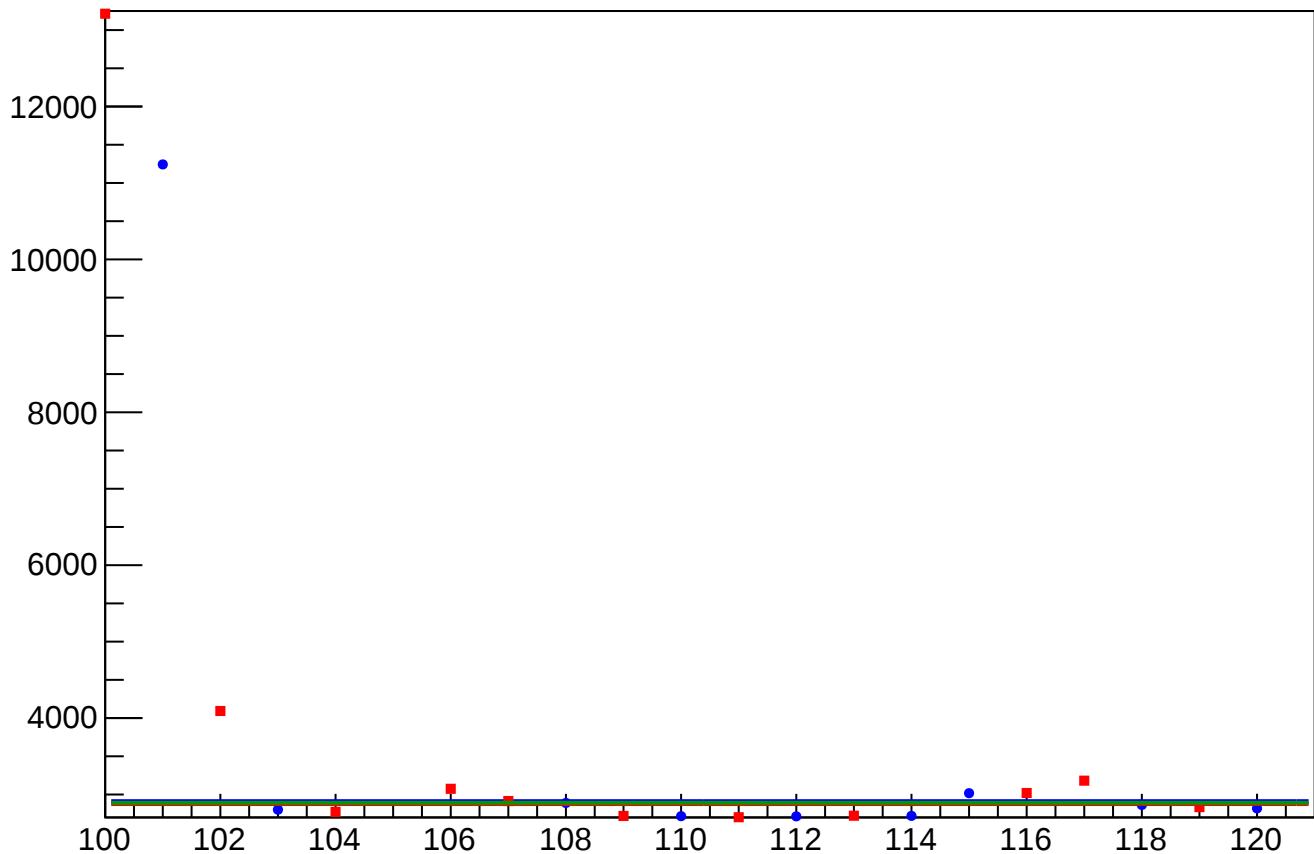
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1159.553+/-1668.101 χ^2/NDF : 8.4/8

1802.090+/-1084.914 χ^2/NDF : 14.4/20

2273.146+/-1428.268 χ^2/NDF : 5.8/11

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2912.839+/-1.180 χ^2/NDF : 658103.5/8

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

Right Out: 2875.204+/-1.010 χ^2/NDF : 161558.6/11

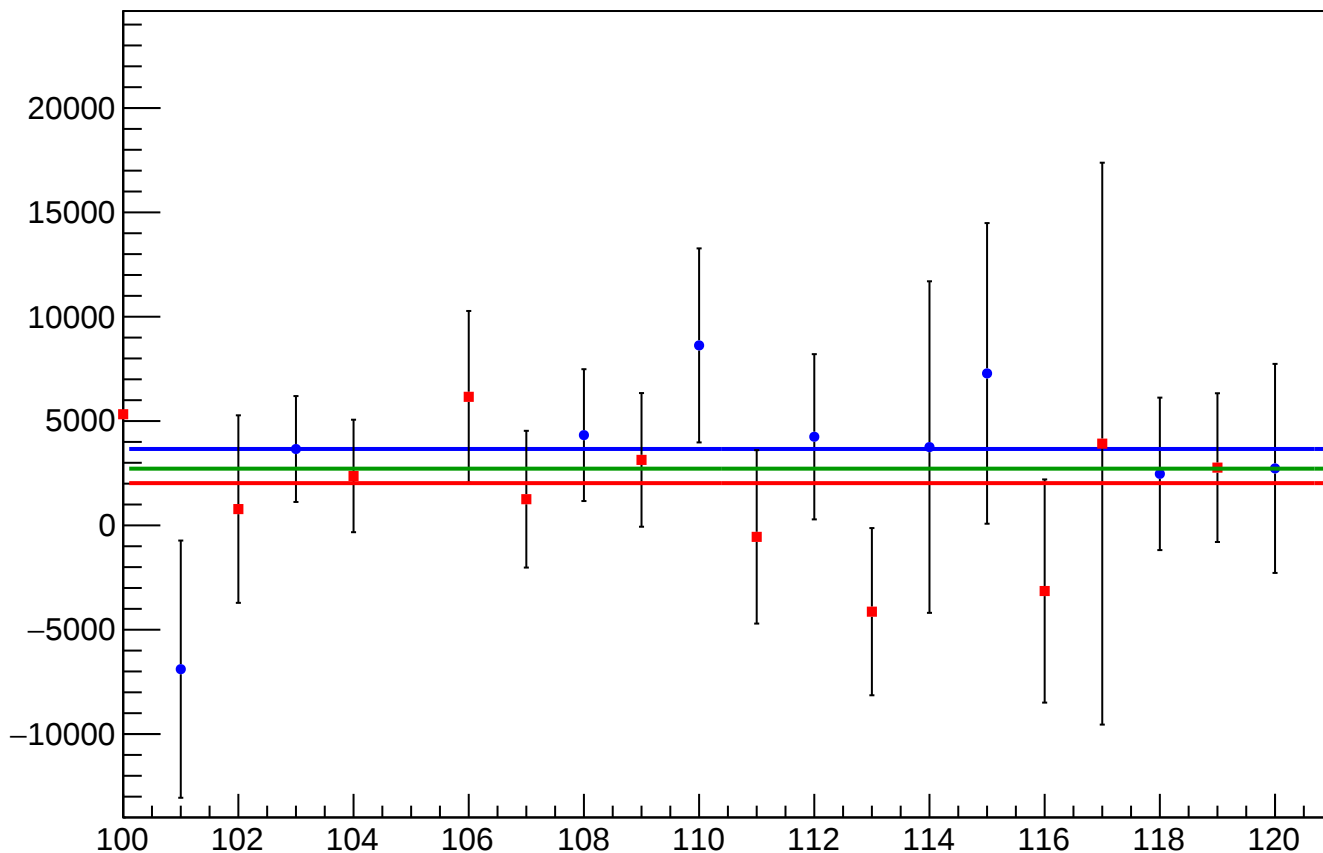
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2912.839+/-1.180 χ^2/NDF : 658103.5/8

2891.124+/-0.767 χ^2/NDF : 820249.5/20

2875.204+/-1.010 χ^2/NDF : 161558.6/11

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3662.090+/-1358.586 χ^2/NDF : 4.5/8

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

Right Out: 2024.882+/-1164.623 χ^2/NDF : 7.4/11

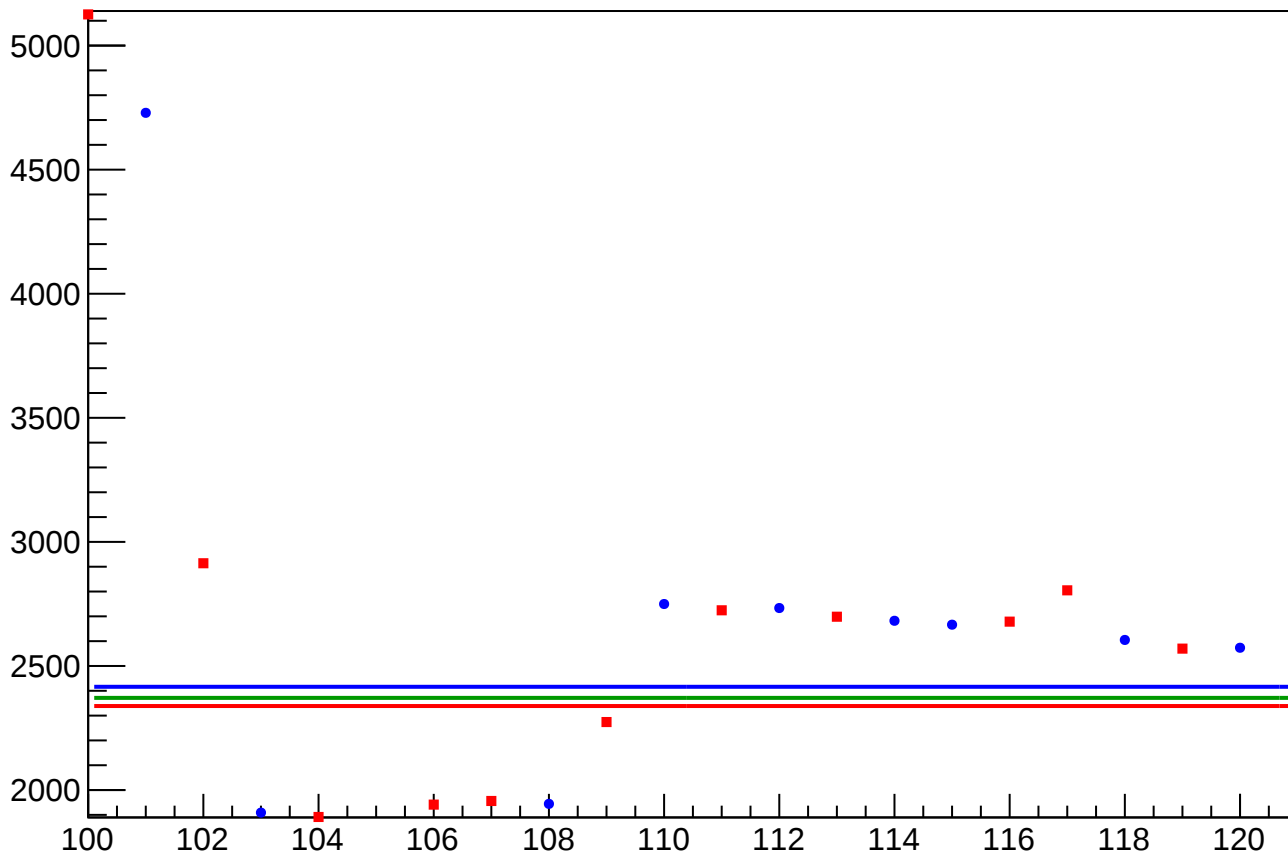
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3662.090+/-1358.586 χ^2/NDF : 4.5/8

2718.370+/-884.209 χ^2/NDF : 12.8/20

2024.882+/-1164.623 χ^2/NDF : 7.4/11

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2416.131+/-0.961 χ^2/NDF : 441249.7/8

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

Right Out: 2338.596+/-0.824 χ^2/NDF : 234736.8/11

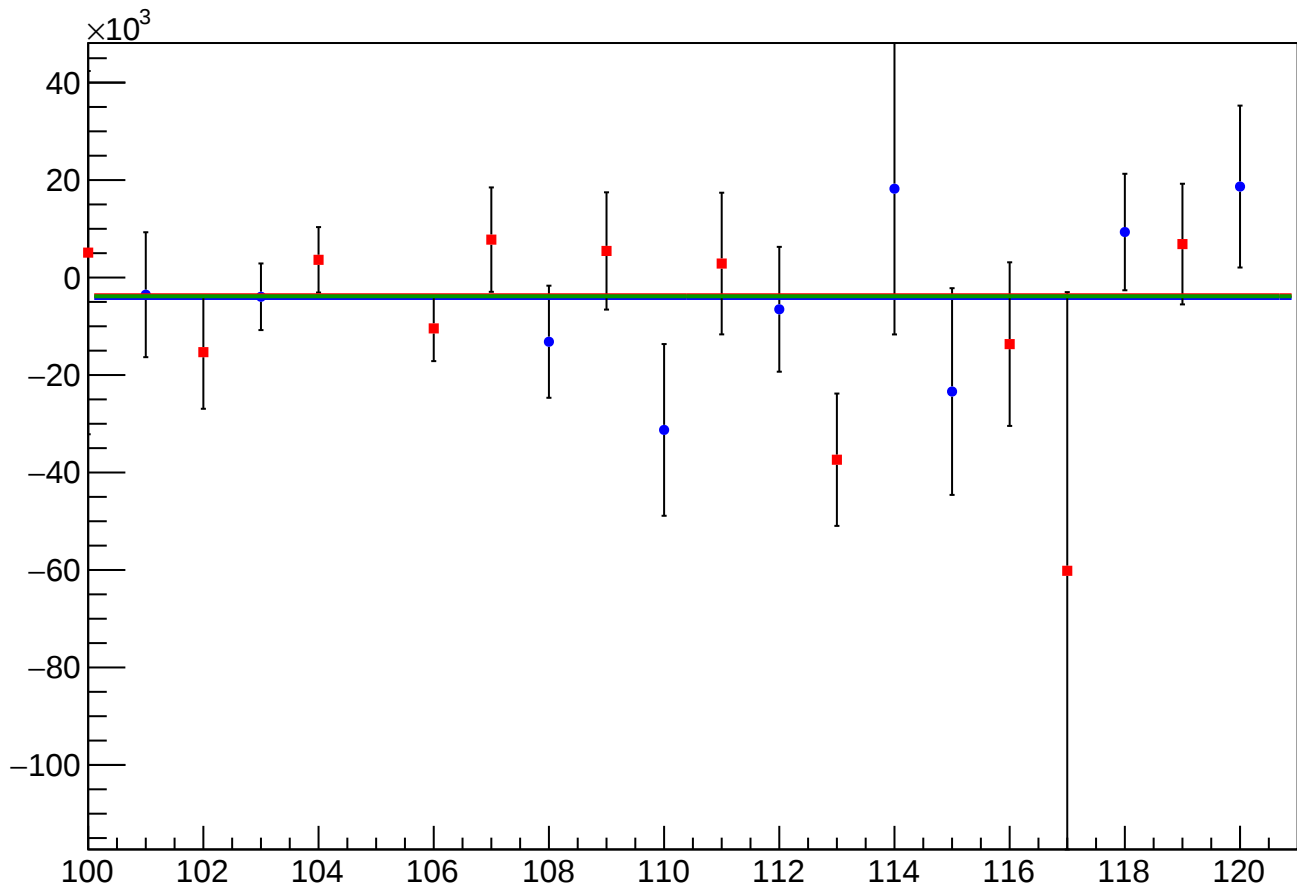
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2416.131+/-0.961 χ^2/NDF : 441249.7/8

2371.438+/-0.625 χ^2/NDF : 679741.4/20

2338.596+/-0.824 χ^2/NDF : 234736.8/11

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -4188.035+/-4139.786 χ^2 /NDF: 7.6/8

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

Right Out: -3630.109+/-3245.158 χ^2 /NDF: 13.7/11

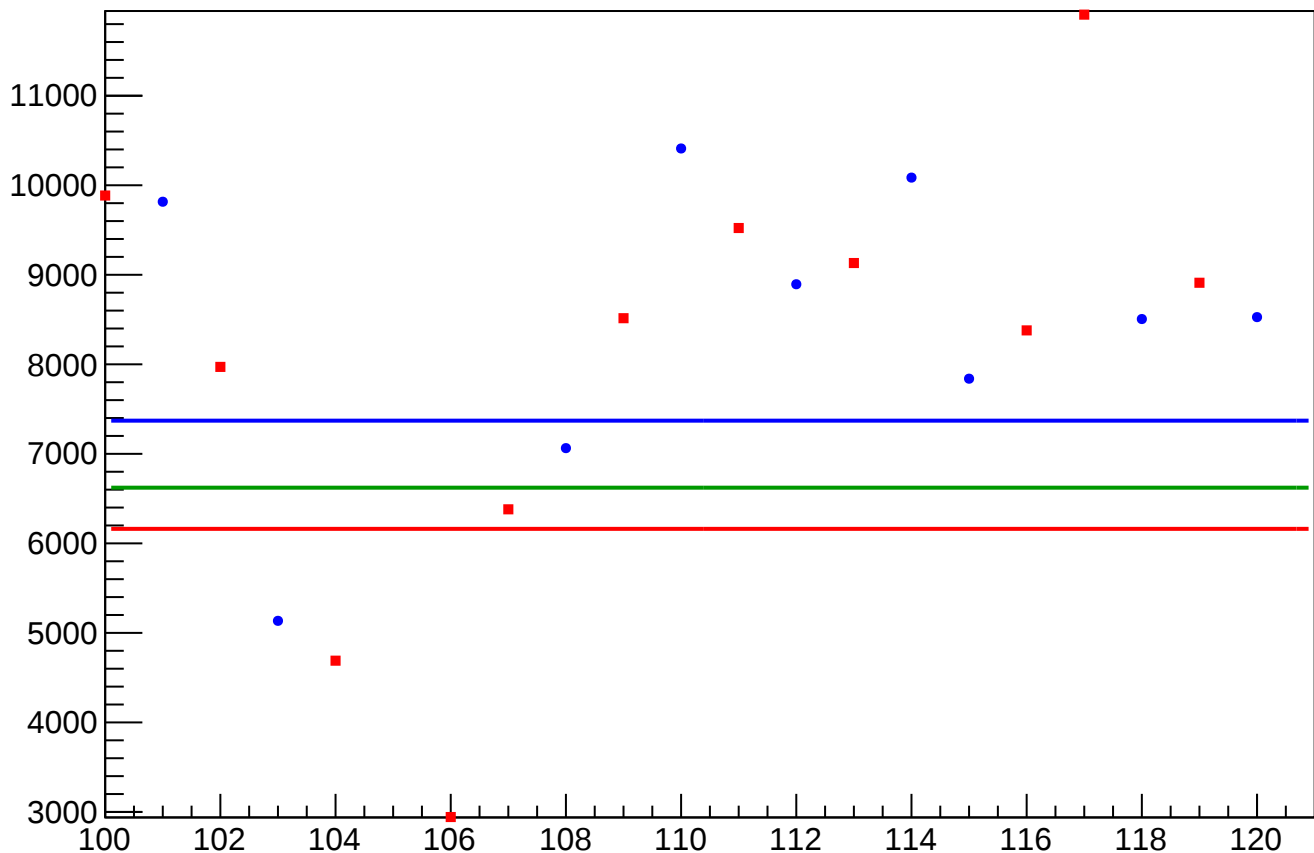
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-4188.035+/-4139.786 χ^2 /NDF: 7.6/8

-3842.461+/-2553.983 χ^2 /NDF: 21.3/20

-3630.109+/-3245.158 χ^2 /NDF: 13.7/11

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 7370.673 +/- 2.927 χ^2/NDF : 421436.1/8

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

Right Out: 6162.105 +/- 2.295 χ^2/NDF : 1092075.6/11

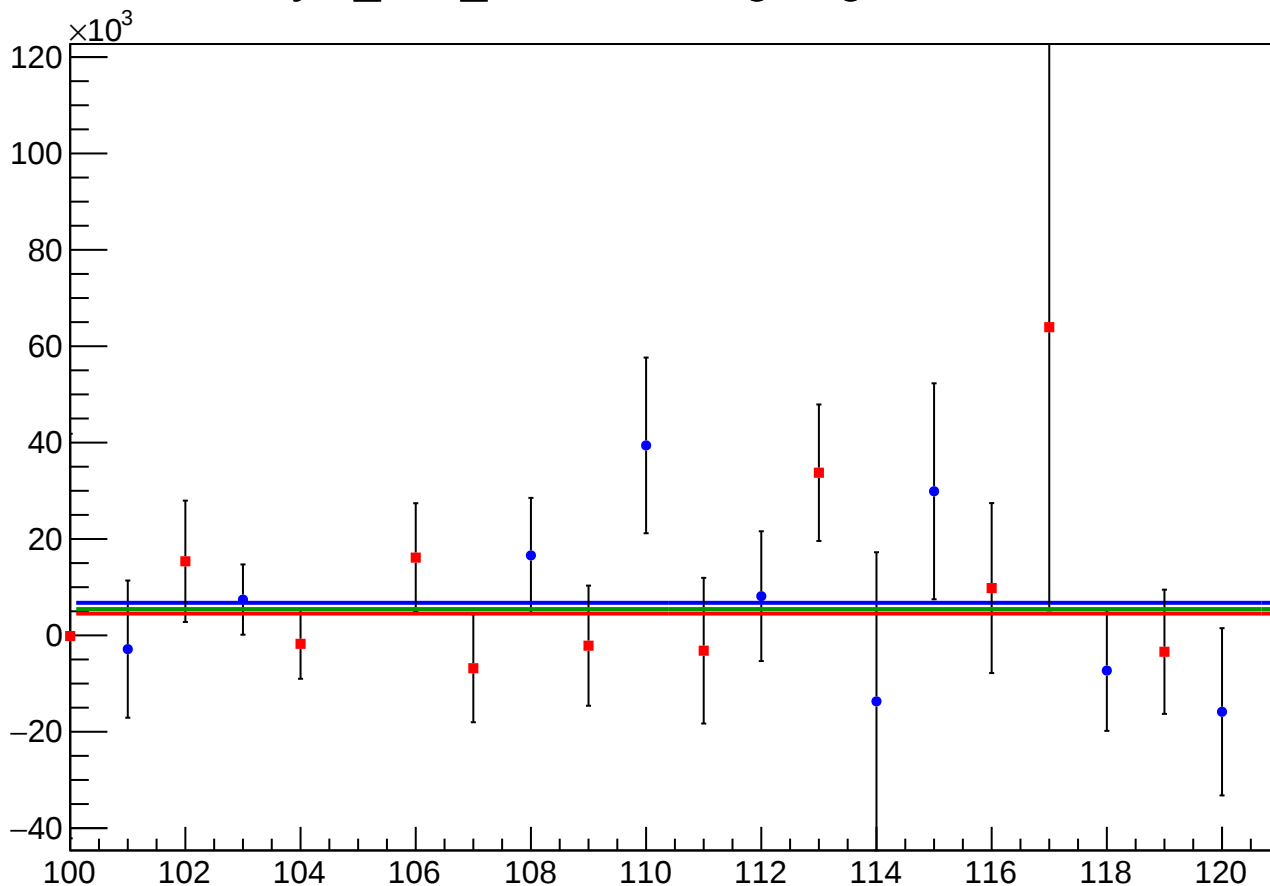
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

7370.673 +/- 2.927 χ^2/NDF : 421436.1/8

6622.098 +/- 1.806 χ^2/NDF : 1619091.6/20

6162.105 +/- 2.295 χ^2/NDF : 1092075.6/11

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6758.568 $\pm$ 4383.818 χ^2 /NDF: 8.8/8

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

Right Out: 4526.574 $\pm$ 3709.080 χ^2 /NDF: 9.9/11

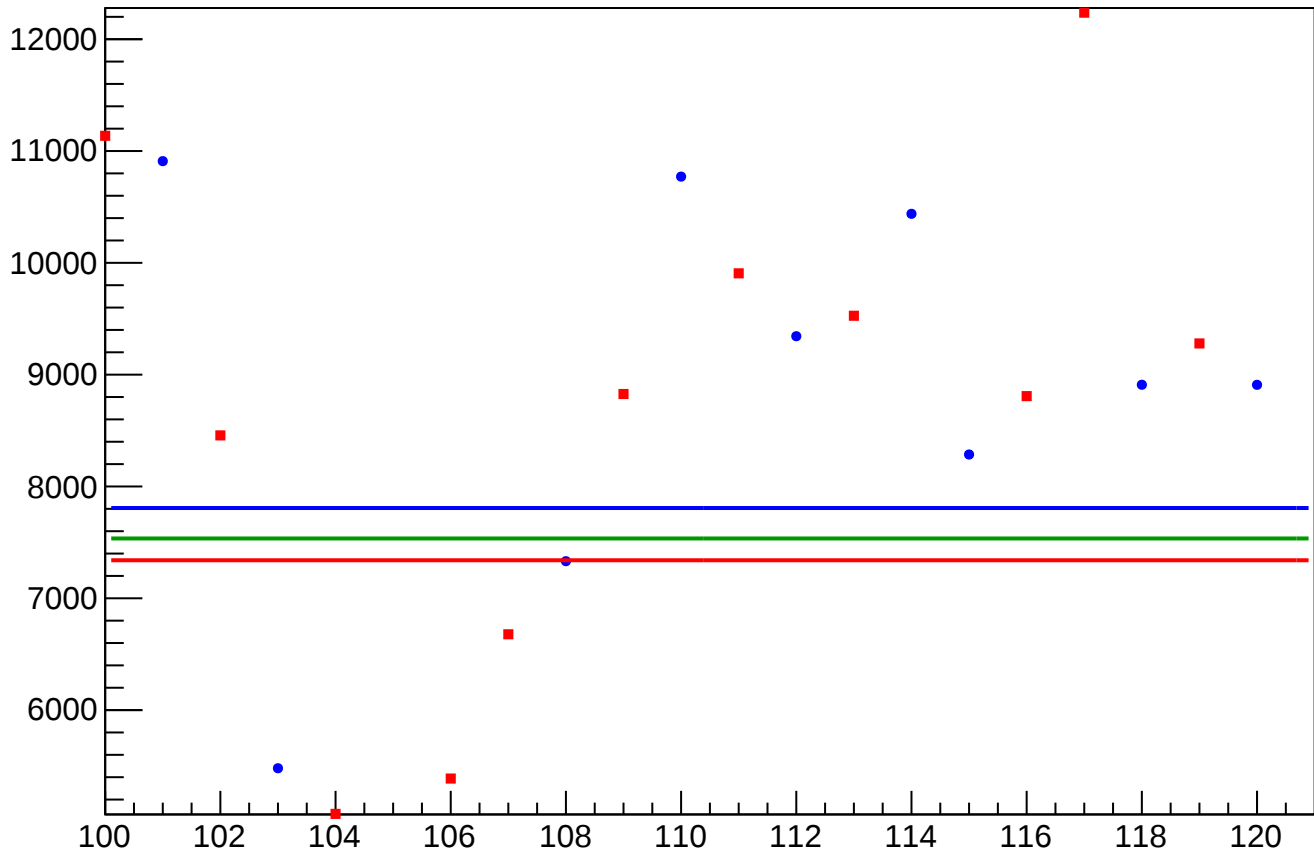
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6758.568 $\pm$ 4383.818 χ^2 /NDF: 8.8/8

5457.765 $\pm$ 2831.558 χ^2 /NDF: 18.9/20

4526.574 $\pm$ 3709.080 χ^2 /NDF: 9.9/11

asym_atr2_rms vs Slug, Sign Corrected



Right In: 7807.348+/-3.100 χ^2/NDF : 419789.4/8

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

Right Out: 7340.091+/-2.623 χ^2/NDF : 510368.7/11

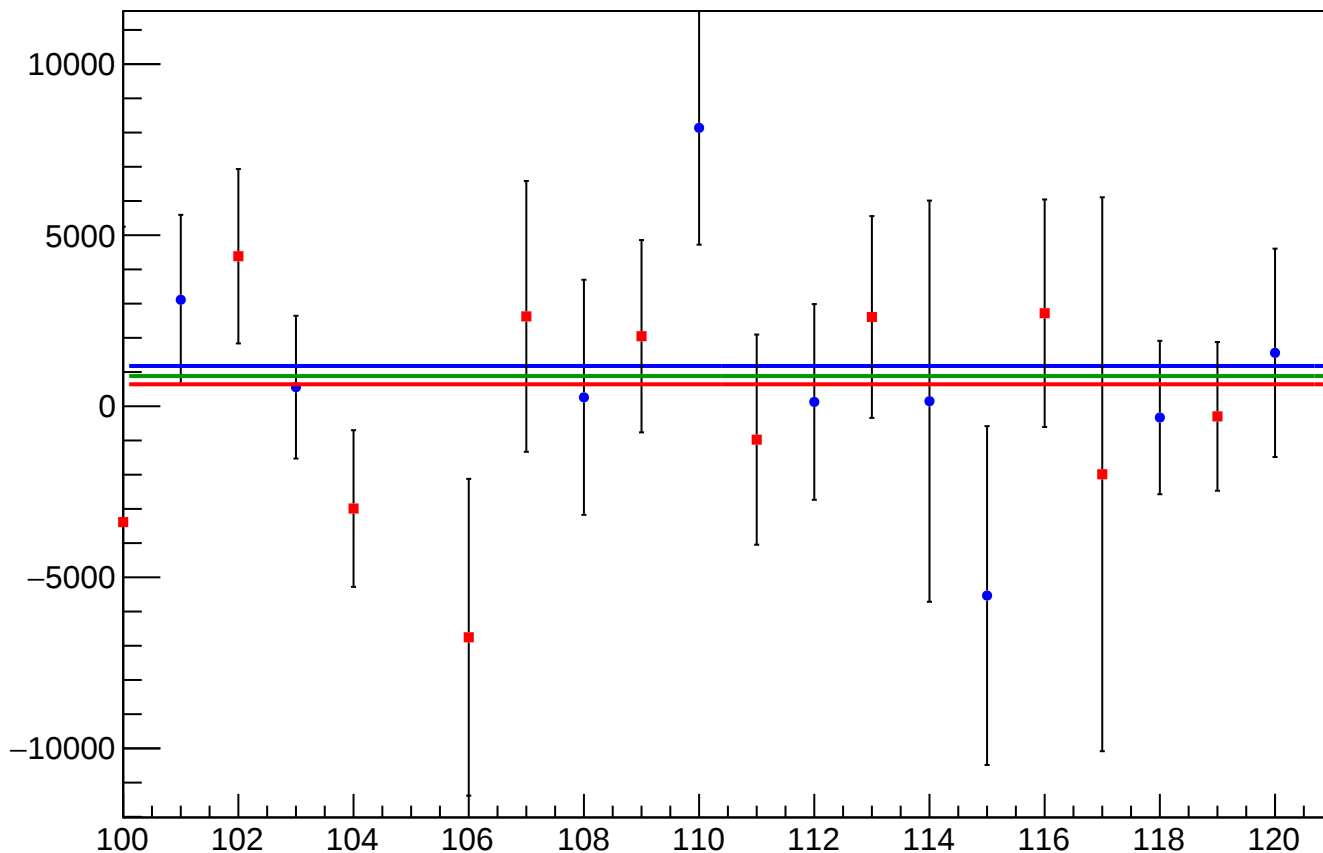
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7807.348+/-3.100 χ^2/NDF : 419789.4/8

7535.020+/-2.002 χ^2/NDF : 943400.7/20

7340.091+/-2.623 χ^2/NDF : 510368.7/11

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1177.762+/-970.675 χ^2/NDF : 7.4/8

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

Right Out: 642.114+/-878.037 χ^2/NDF : 9.6/11

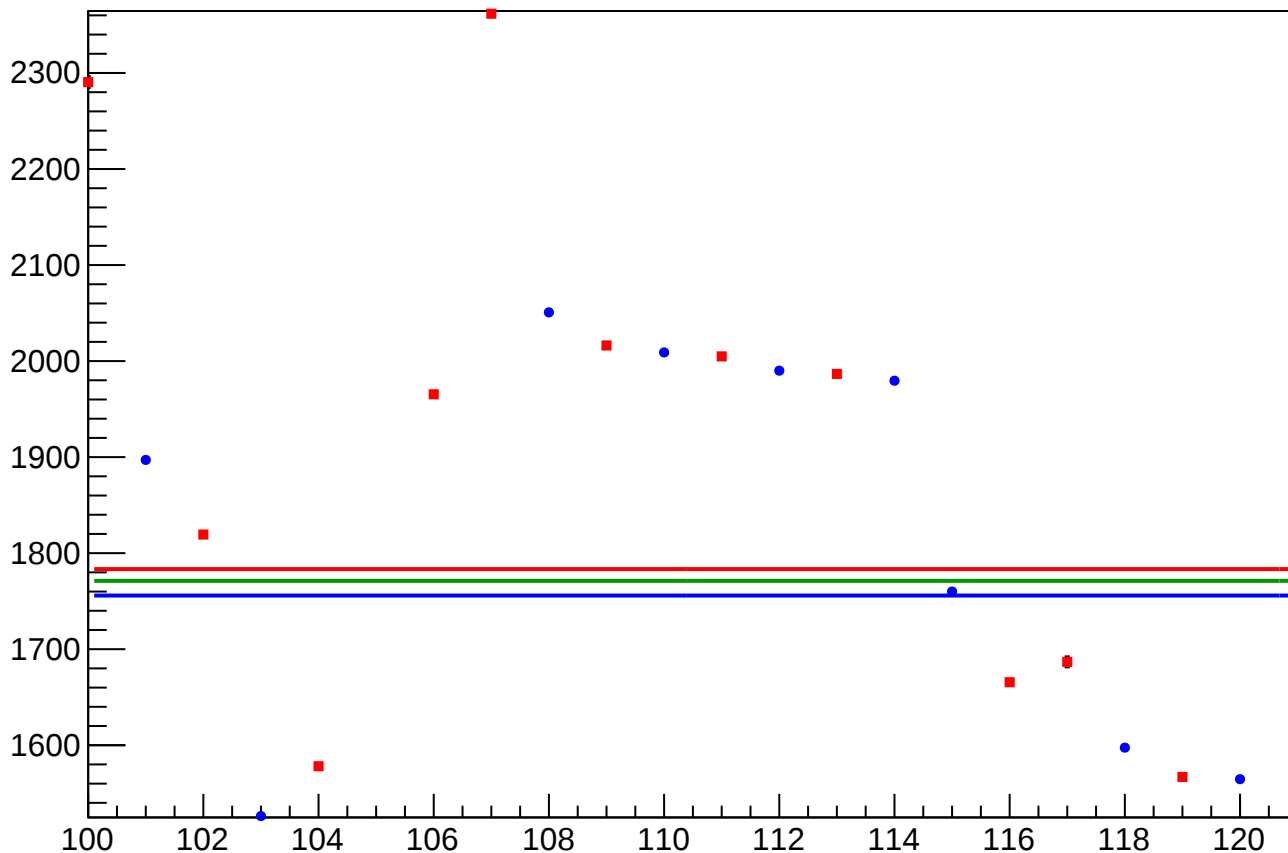
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1177.762+/-970.675 χ^2/NDF : 7.4/8

883.164+/-651.160 χ^2/NDF : 17.2/20

642.114+/-878.037 χ^2/NDF : 9.6/11

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1755.865+/-0.686 χ^2/NDF : 90601.6/8

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

Right Out: 1783.435+/-0.616 χ^2/NDF : 146890.4/11

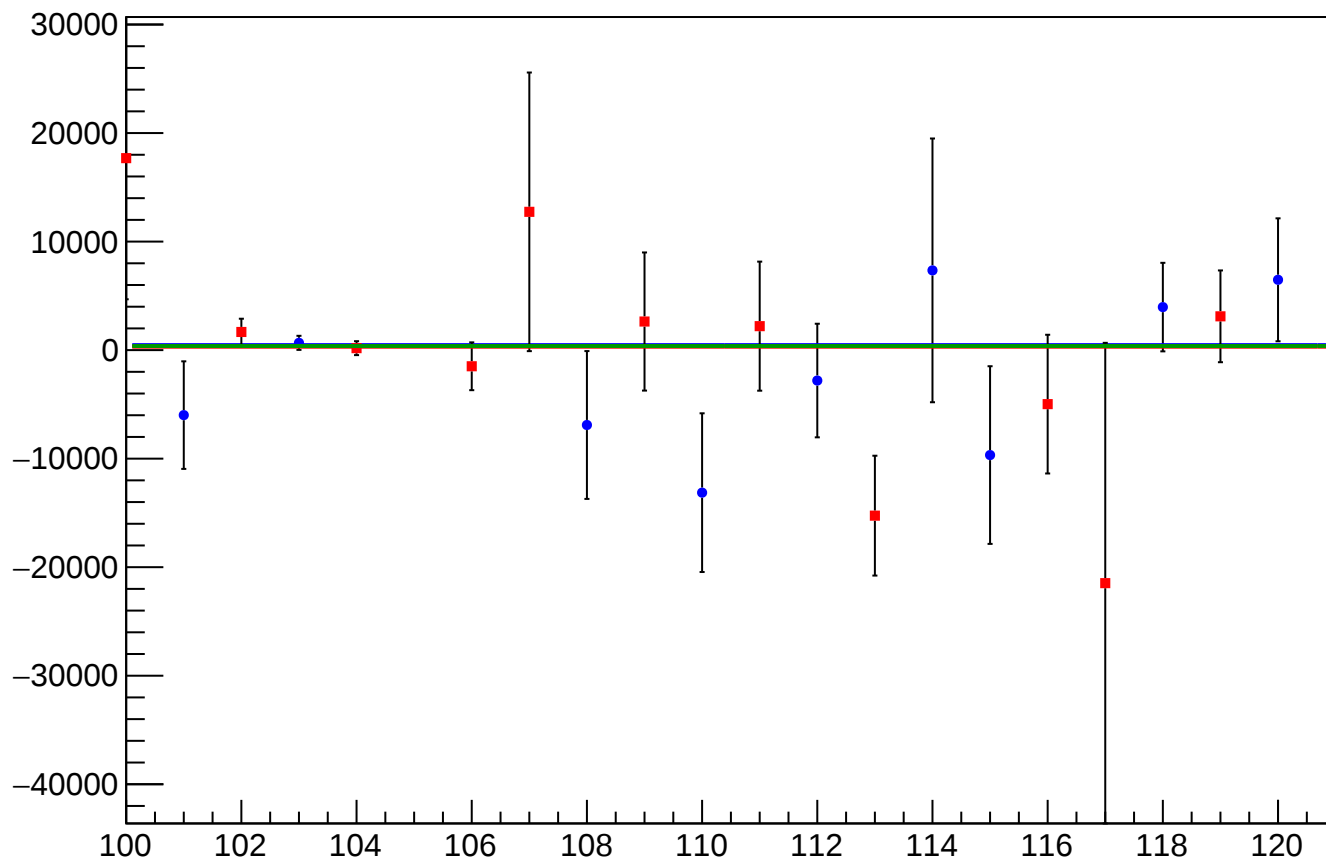
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1755.865+/-0.686 χ^2/NDF : 90601.6/8

1771.132+/-0.459 χ^2/NDF : 238385.5/20

1783.435+/-0.616 χ^2/NDF : 146890.4/11

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 459.375+/-619.257 χ^2/NDF : 10.5/8

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

Right Out: 317.636+/-530.975 χ^2/NDF : 15.0/11

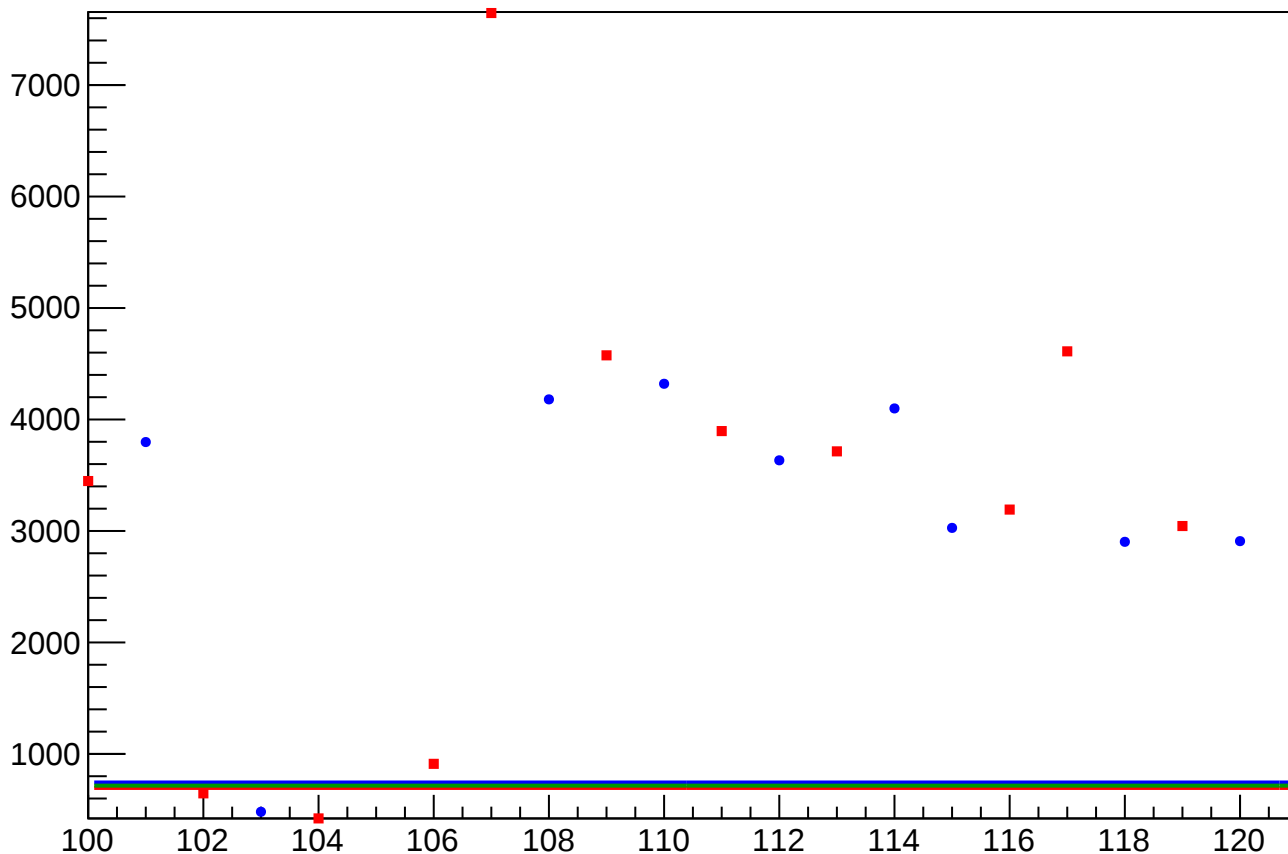
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

459.375+/-619.257 χ^2/NDF : 10.5/8

377.690+/-403.087 χ^2/NDF : 25.5/20

317.636+/-530.975 χ^2/NDF : 15.0/11

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 743.834+/-0.438 χ^2/NDF : 3846525.4/8

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

Right Out: 694.865+/-0.375 χ^2/NDF : 4379672.1/11

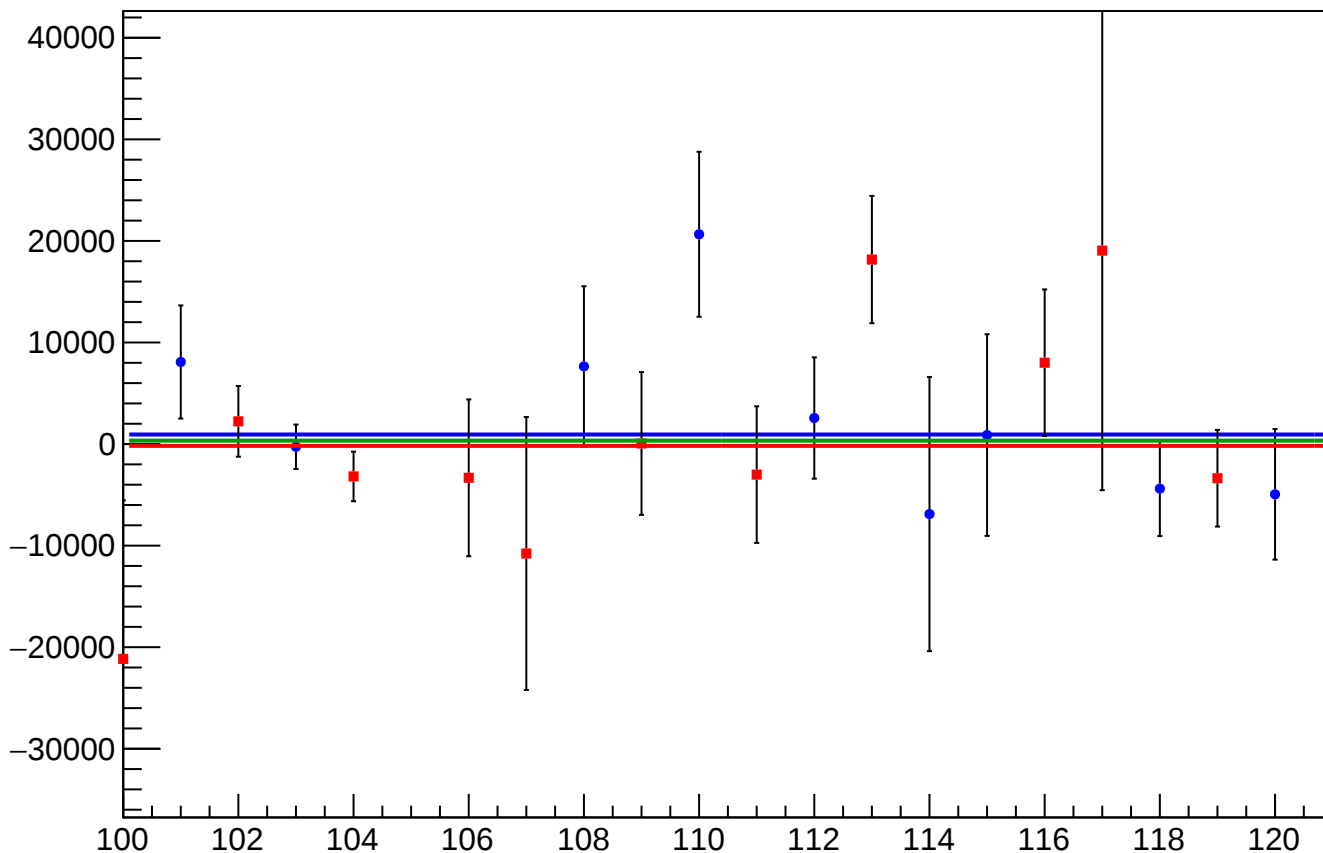
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

743.834+/-0.438 χ^2/NDF : 3846525.4/8

715.613+/-0.285 χ^2/NDF : 8233404.9/20

694.865+/-0.375 χ^2/NDF : 4379672.1/11

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 940.981+/-1609.889 χ^2/NDF : 11.1/8

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

Right Out: -175.871+/-1487.379 χ^2/NDF : 15.8/11

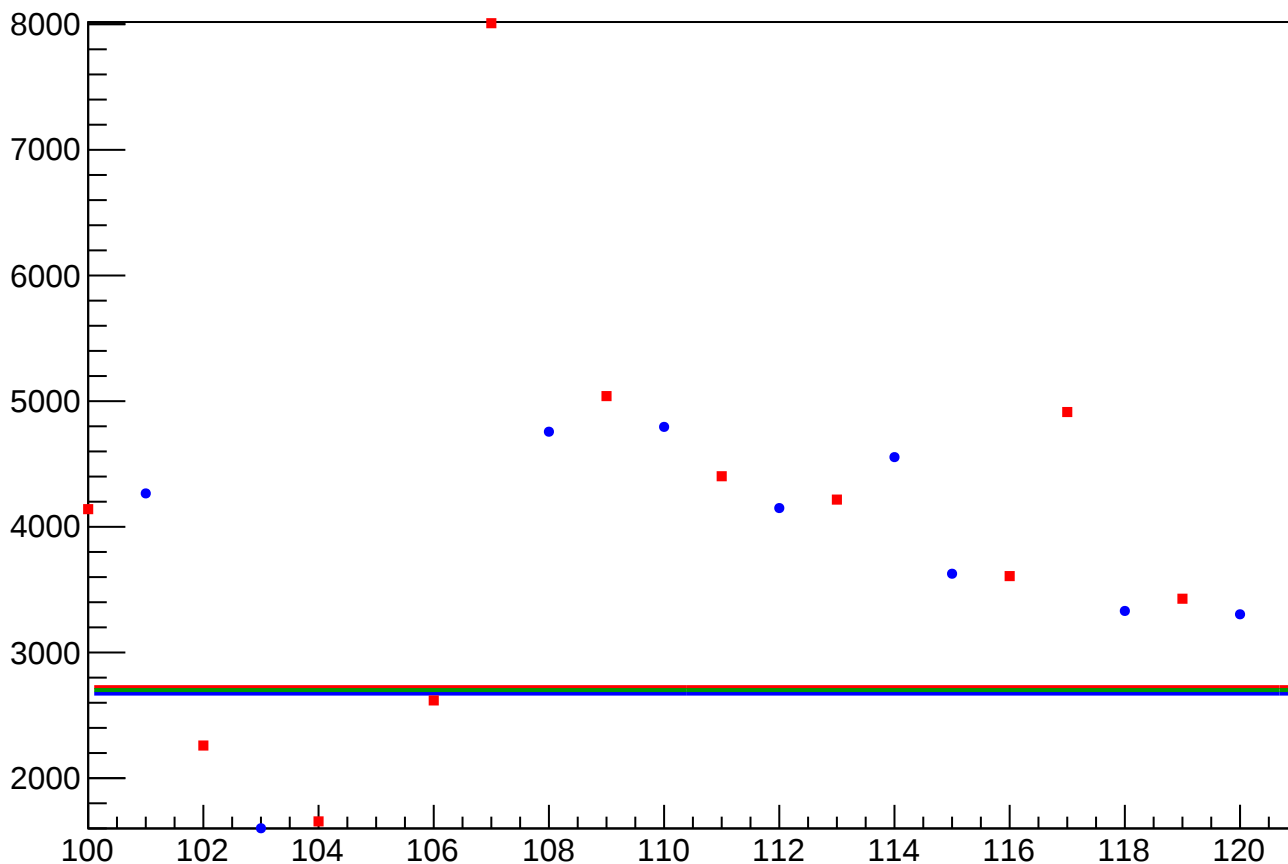
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

940.981+/-1609.889 χ^2/NDF : 11.1/8

338.447+/-1092.482 χ^2/NDF : 27.2/20

-175.871+/-1487.379 χ^2/NDF : 15.8/11

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 2672.986+/-1.138 χ^2/NDF : 1157633.1/8

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

Right Out: 2724.346+/-1.032 χ^2/NDF : 1298759.3/11

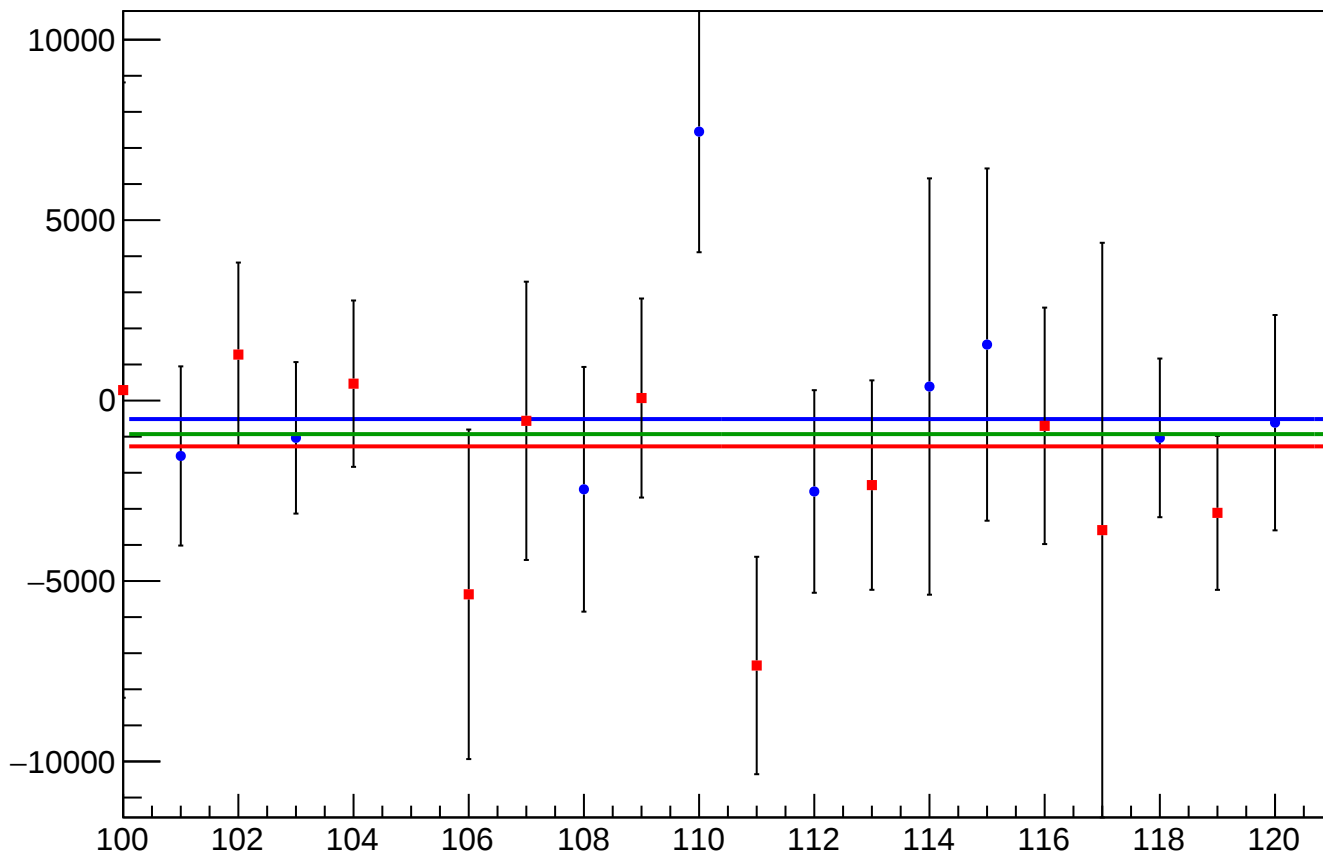
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2672.986+/-1.138 χ^2/NDF : 1157633.1/8

2701.188+/-0.764 χ^2/NDF : 2457510.2/20

2724.346+/-1.032 χ^2/NDF : 1298759.3/11

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -512.352+/-960.514 χ^2/NDF : 7.0/8

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

Right Out: -1268.938+/-867.309 χ^2/NDF : 8.8/11

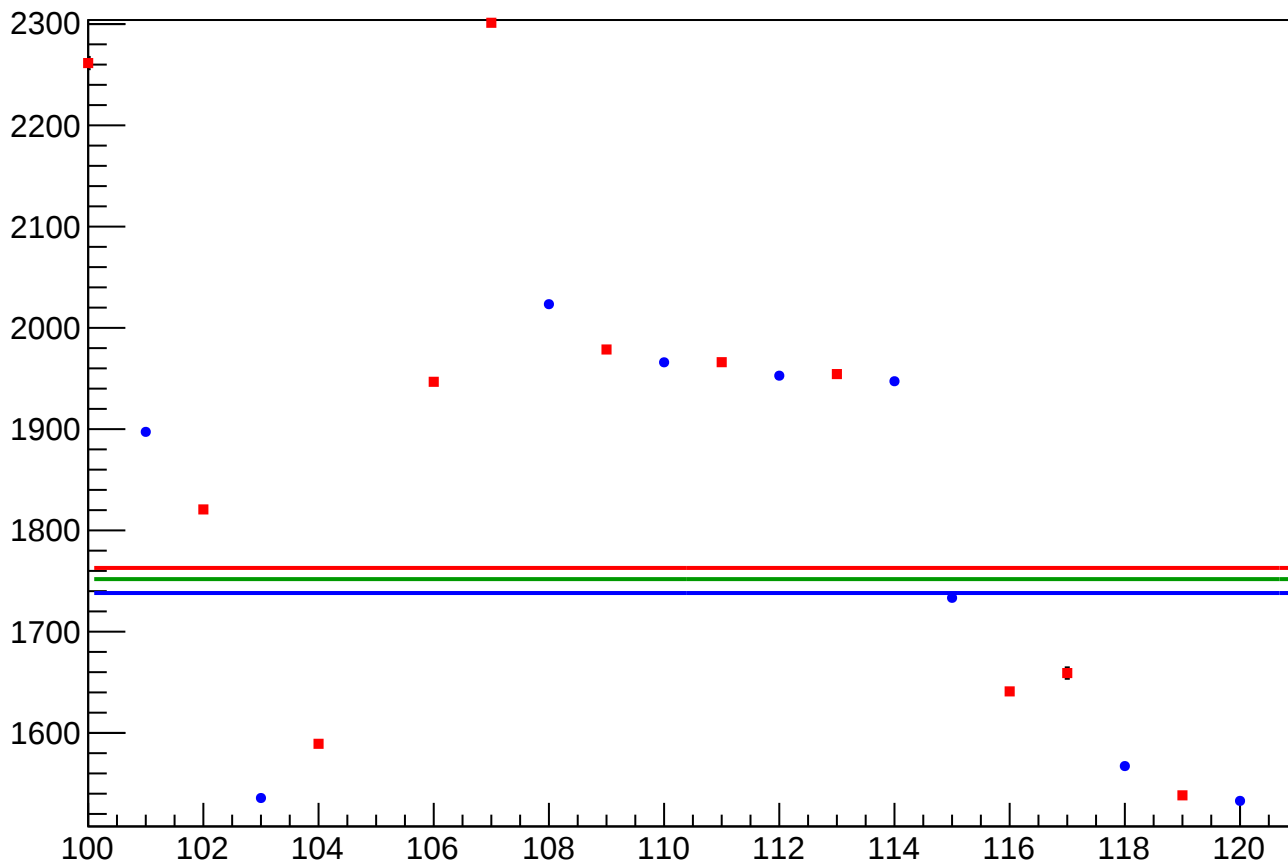
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-512.352+/-960.514 χ^2/NDF : 7.0/8

-929.125+/-643.716 χ^2/NDF : 16.1/20

-1268.938+/-867.309 χ^2/NDF : 8.8/11

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1738.155+/-0.679 χ^2/NDF : 86141.3/8

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

Right Out: 1762.935+/-0.609 χ^2/NDF : 139874.5/11

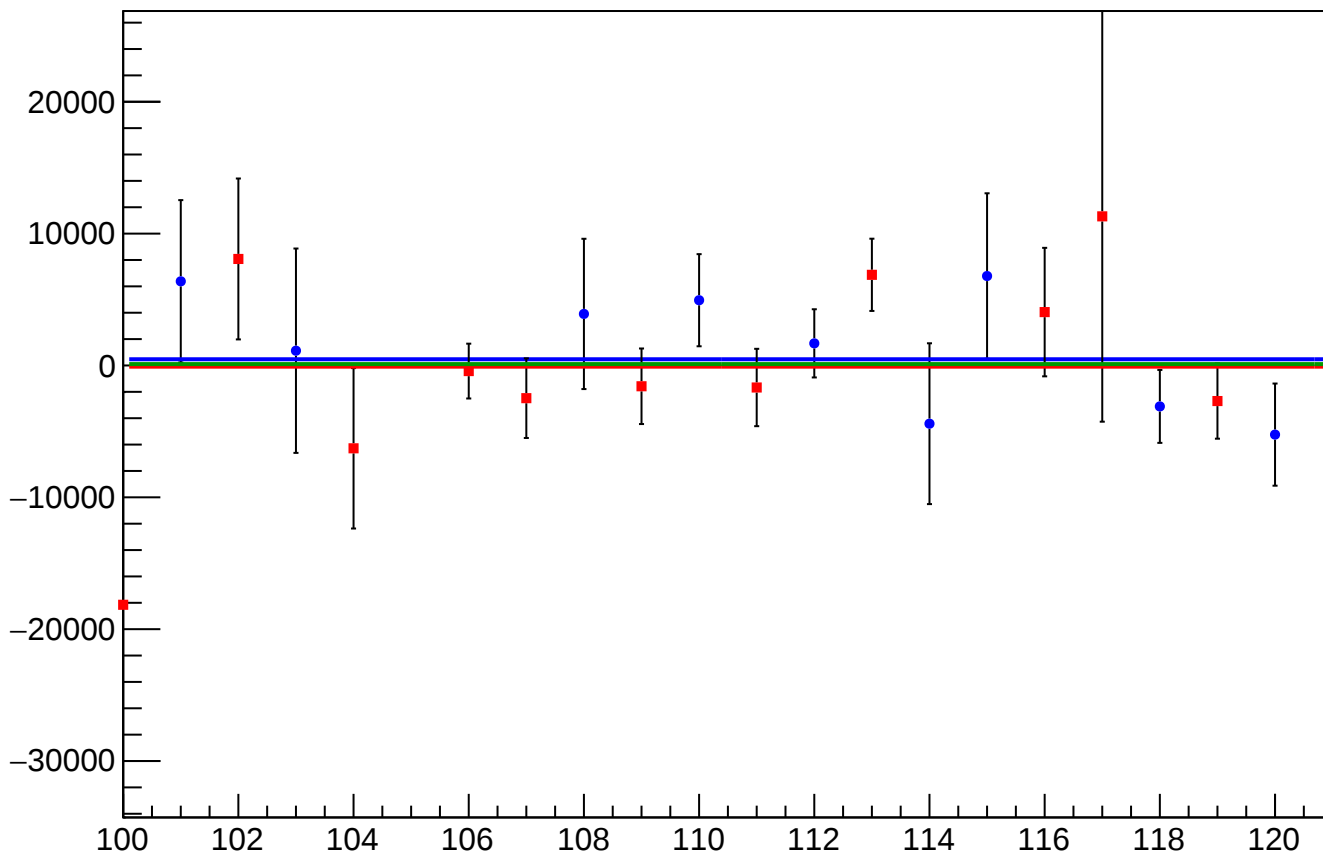
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1738.155+/-0.679 χ^2/NDF : 86141.3/8

1751.897+/-0.453 χ^2/NDF : 226754.0/20

1762.935+/-0.609 χ^2/NDF : 139874.5/11

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 471.342+/-1342.347 χ^2/NDF : 8.7/8

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

Right Out: -89.882+/-978.334 χ^2/NDF : 14.0/11

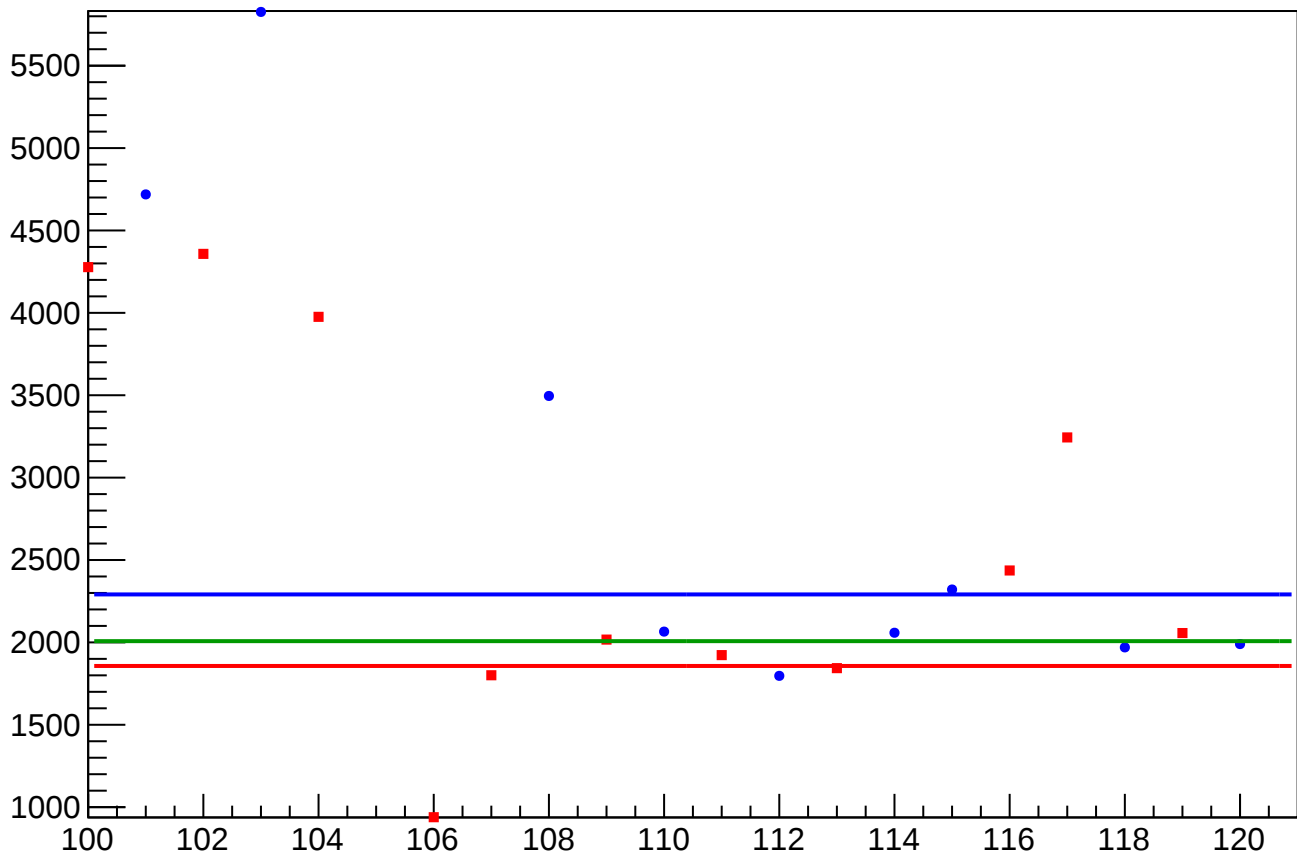
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

471.342+/-1342.347 χ^2/NDF : 8.7/8

104.813+/-790.630 χ^2/NDF : 22.7/20

-89.882+/-978.334 χ^2/NDF : 14.0/11

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 2291.104+/-0.949 χ^2/NDF : 939854.9/8

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

Right Out: 1856.946+/-0.692 χ^2/NDF : 1076010.8/11

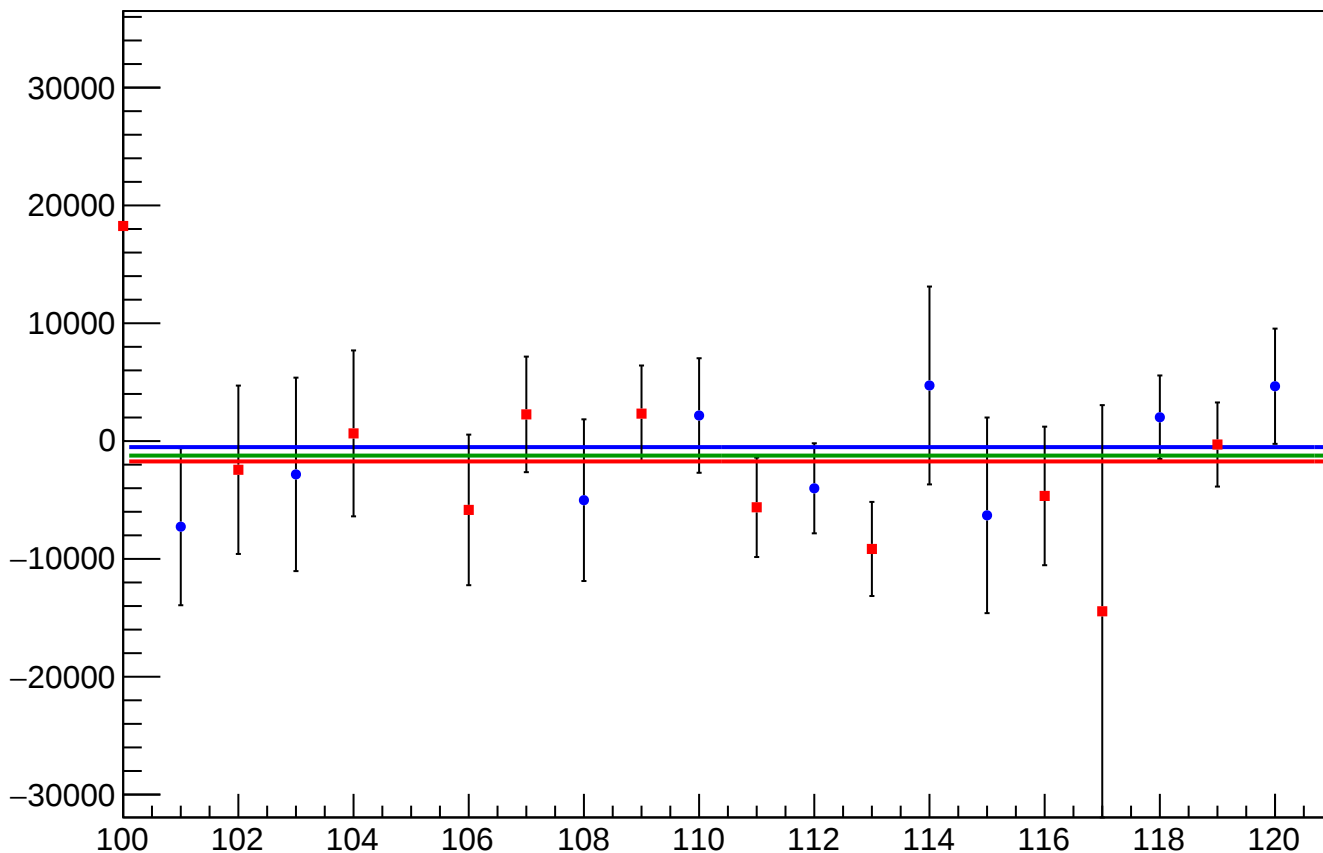
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2291.104+/-0.949 χ^2/NDF : 939854.9/8

2007.560+/-0.559 χ^2/NDF : 2152502.8/20

1856.946+/-0.692 χ^2/NDF : 1076010.8/11

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -511.206+/-1769.196 χ^2/NDF : 5.2/8

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

Right Out: -1727.136+/-1469.394 χ^2/NDF : 10.0/11

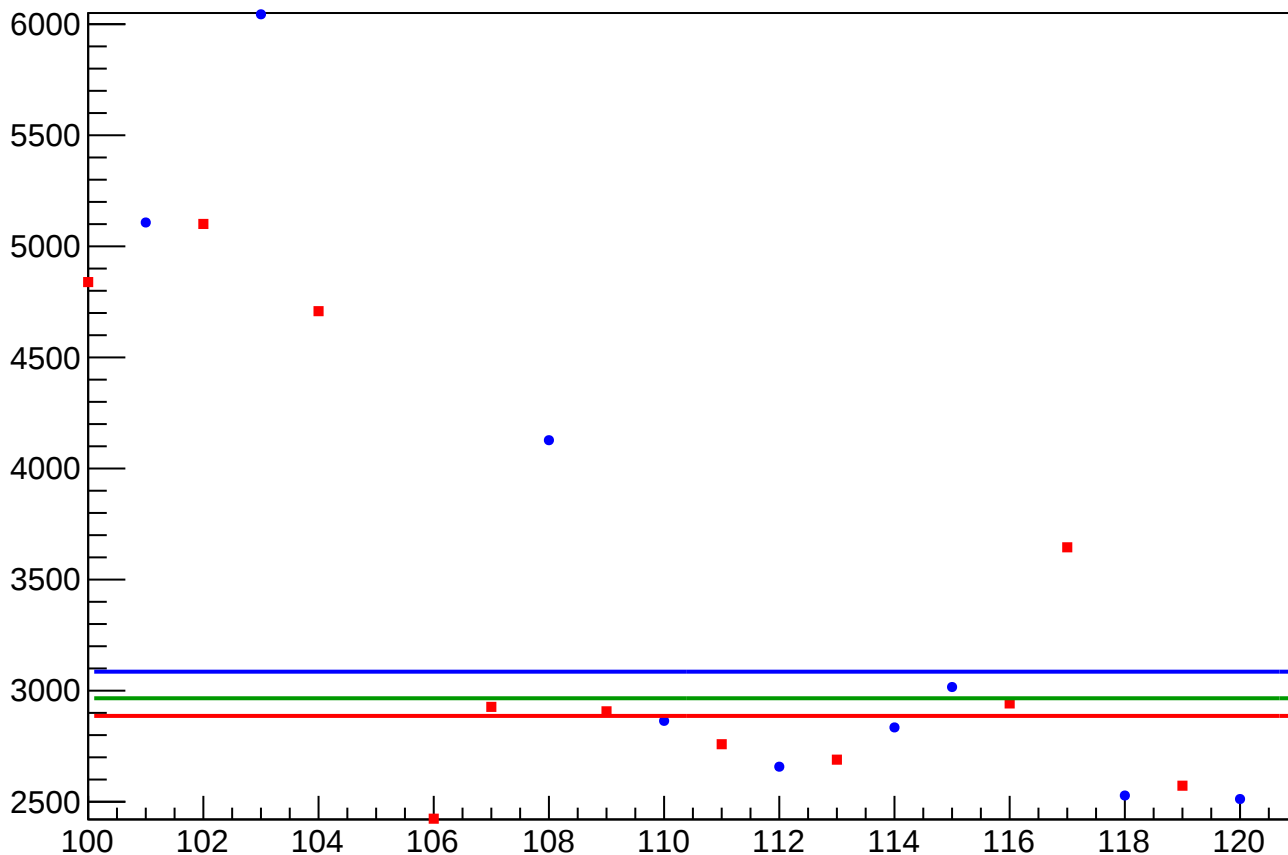
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-511.206+/-1769.196 χ^2/NDF : 5.2/8

-1230.775+/-1130.369 χ^2/NDF : 15.4/20

-1727.136+/-1469.394 χ^2/NDF : 10.0/11

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3085.516+/-1.251 χ^2/NDF : 598044.6/8

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

Right Out: 2886.380+/-1.020 χ^2/NDF : 419829.4/11

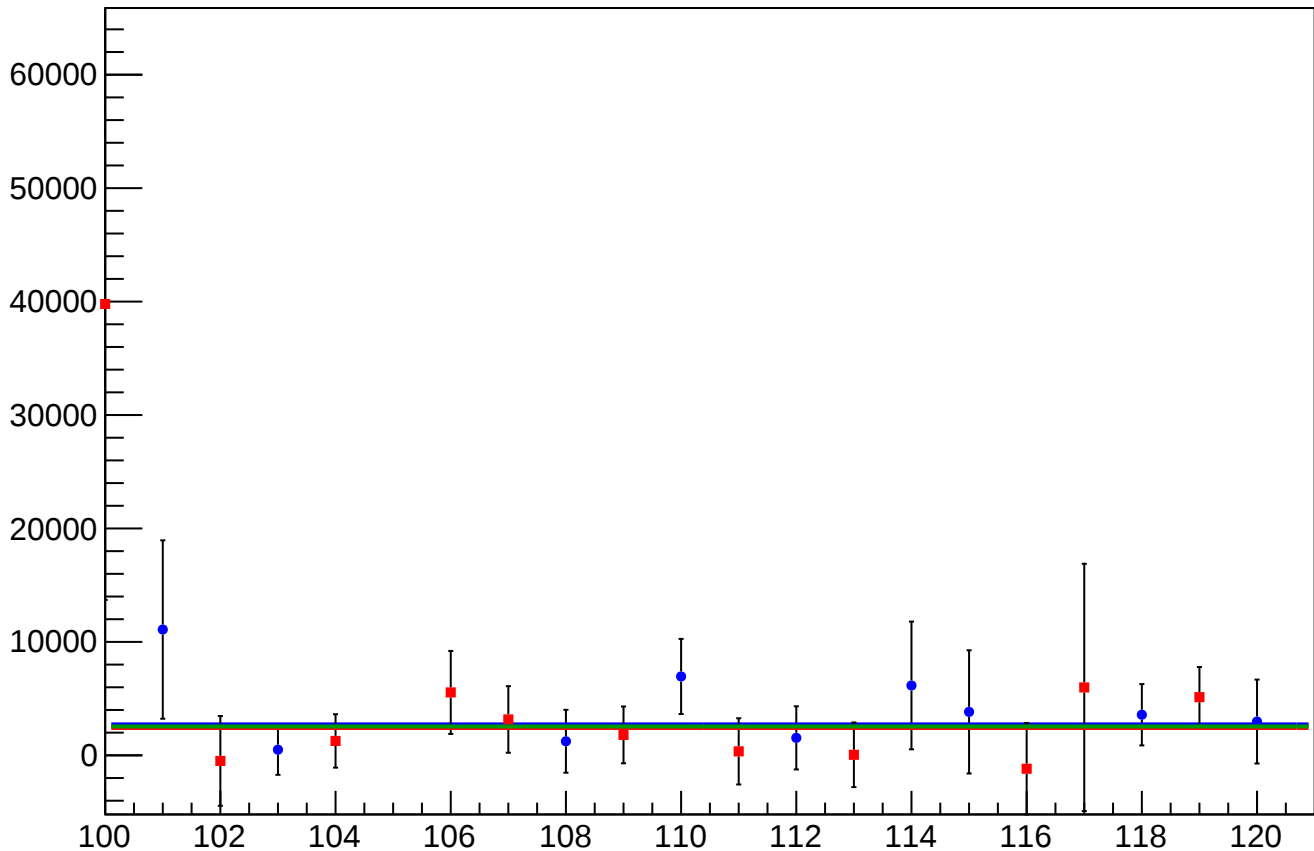
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3085.516+/-1.251 χ^2/NDF : 598044.6/8

2965.855+/-0.790 χ^2/NDF : 1033100.1/20

2886.380+/-1.020 χ^2/NDF : 419829.4/11

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2727.658+/-1087.204 χ^2/NDF : 4.8/8

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

Right Out: 2415.005+/-930.532 χ^2/NDF : 8.8/11

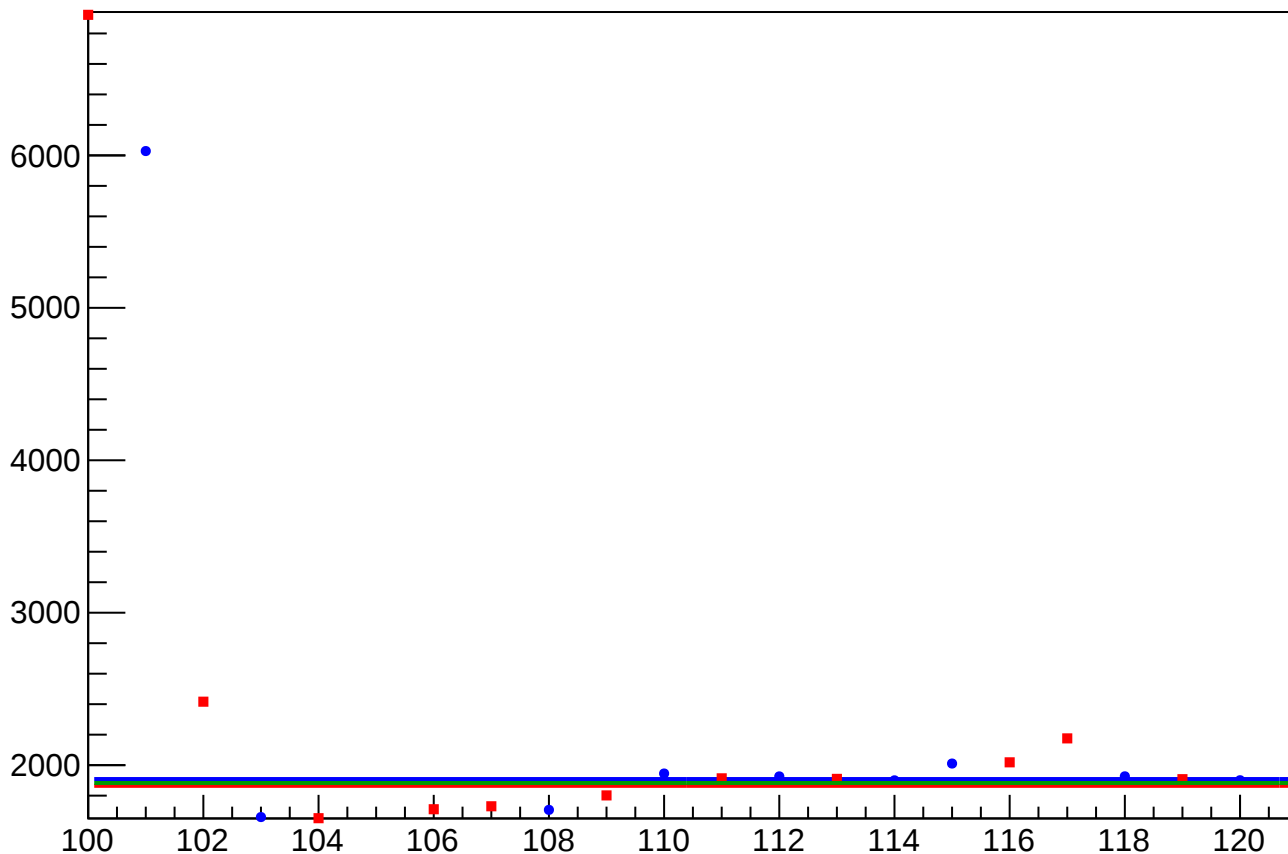
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2727.658+/-1087.204 χ^2/NDF : 4.8/8

2547.201+/-706.948 χ^2/NDF : 13.6/20

2415.005+/-930.532 χ^2/NDF : 8.8/11

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1908.899+/-0.769 χ^2/NDF : 586130.5/8

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

Right Out: 1864.381+/-0.656 χ^2/NDF : 146259.2/11

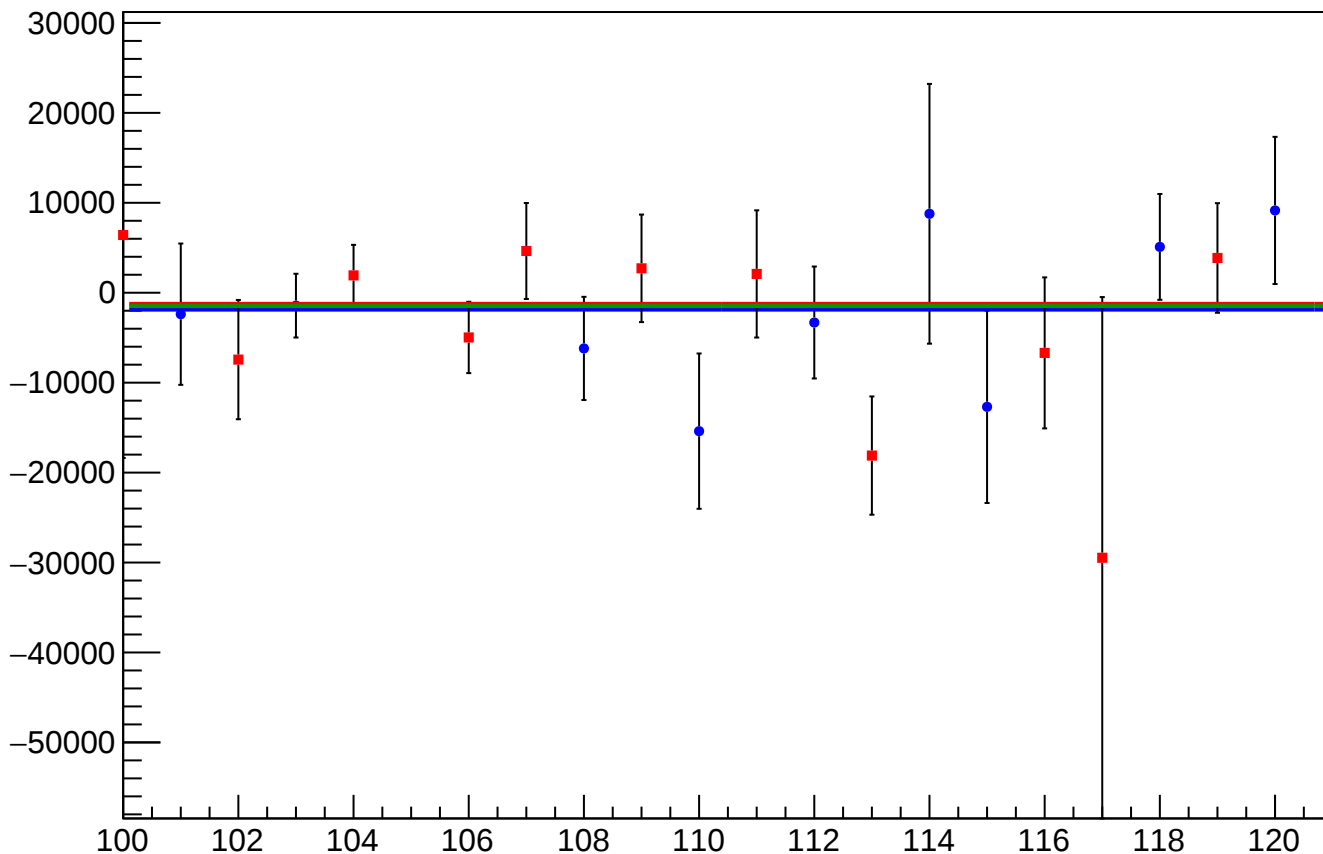
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1908.899+/-0.769 χ^2/NDF : 586130.5/8

1883.124+/-0.499 χ^2/NDF : 734331.3/20

1864.381+/-0.656 χ^2/NDF : 146259.2/11

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1875.411+/-2118.369 χ^2/NDF : 7.9/8

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

Right Out: -1235.062+/-1694.569 χ^2/NDF : 13.5/11

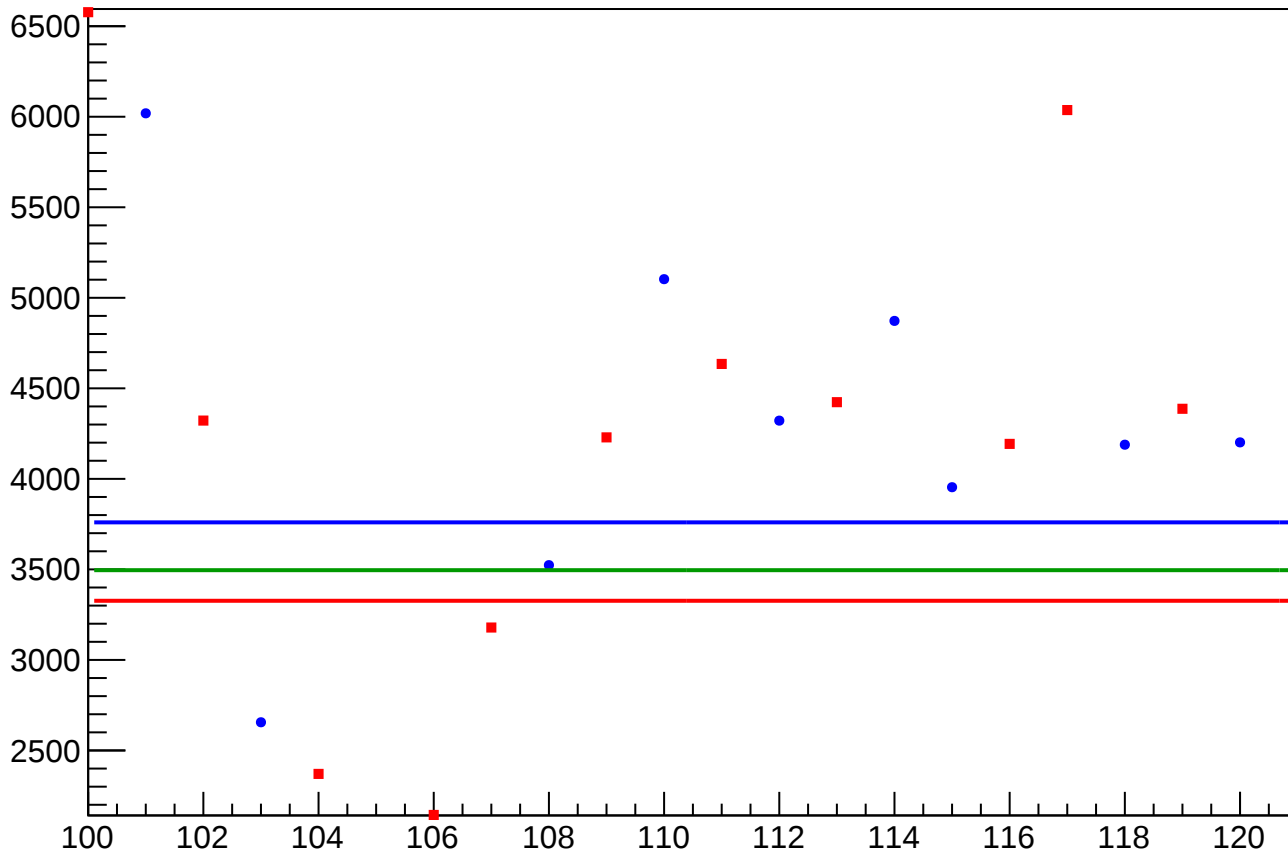
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1875.411+/-2118.369 χ^2/NDF : 7.9/8

-1484.932+/-1323.275 χ^2/NDF : 21.4/20

-1235.062+/-1694.569 χ^2/NDF : 13.5/11

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 3759.746+/-1.498 χ^2/NDF : 456721.4/8

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

Right Out: 3326.690+/-1.198 χ^2/NDF : 703225.4/11

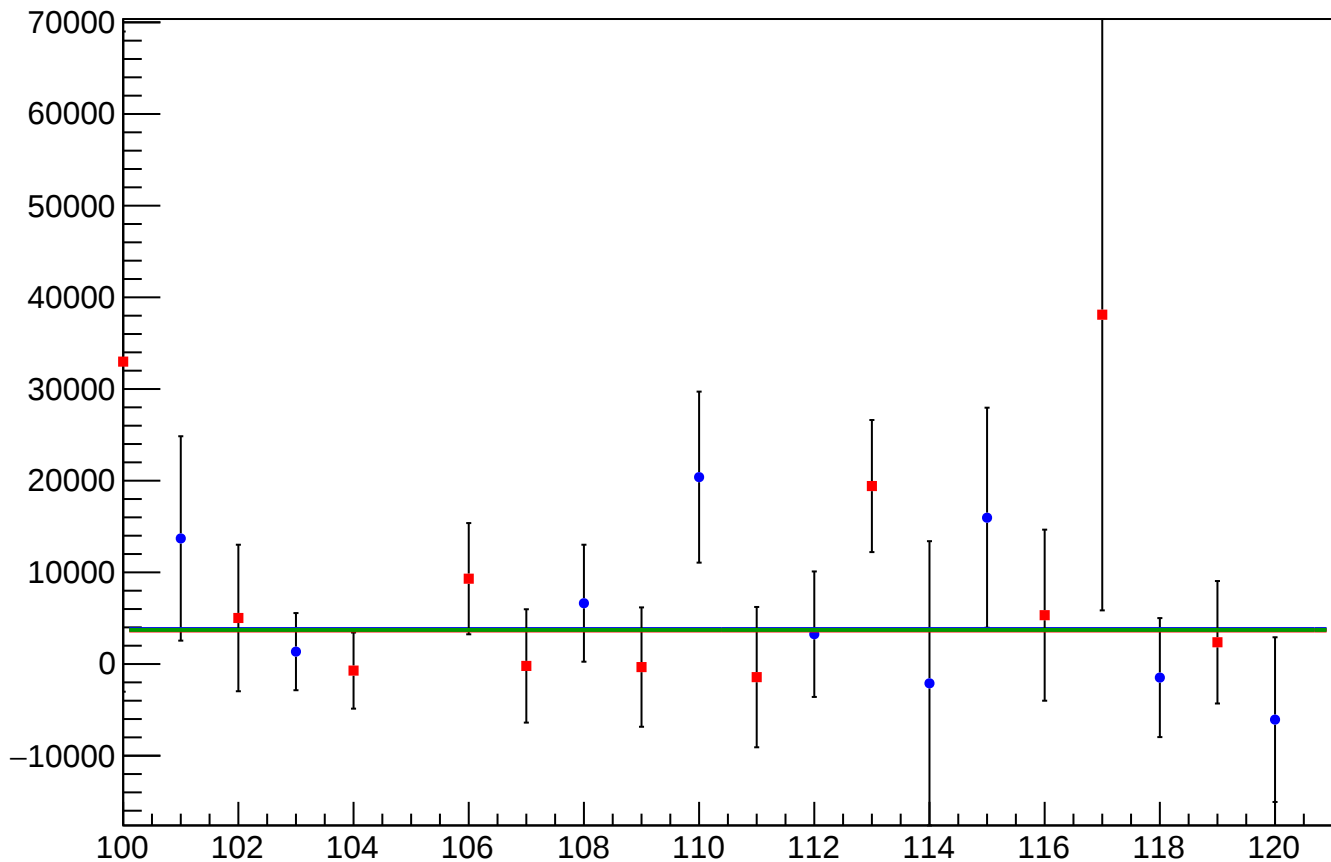
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3759.746+/-1.498 χ^2/NDF : 456721.4/8

3495.672+/-0.936 χ^2/NDF : 1210914.8/20

3326.690+/-1.198 χ^2/NDF : 703225.4/11

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3814.504+/-2431.576 χ^2/NDF : 7.5/8

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

Right Out: 3661.175+/-2029.559 χ^2/NDF : 9.9/11

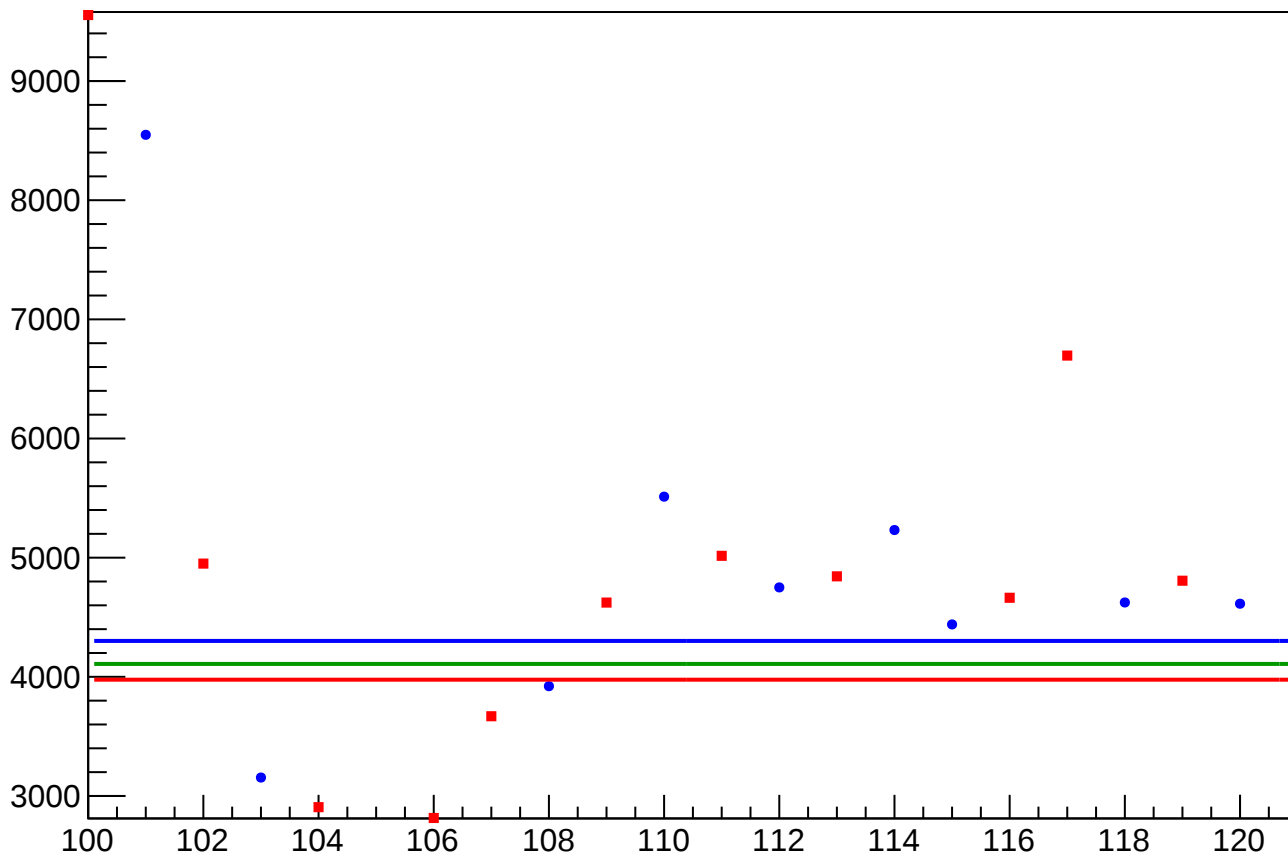
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3814.504+/-2431.576 χ^2/NDF : 7.5/8

3724.134+/-1558.127 χ^2/NDF : 17.4/20

3661.175+/-2029.559 χ^2/NDF : 9.9/11

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4301.209+/-1.719 χ^2/NDF : 503029.0/8

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

Right Out: 3975.880+/-1.424 χ^2/NDF : 446712.0/11

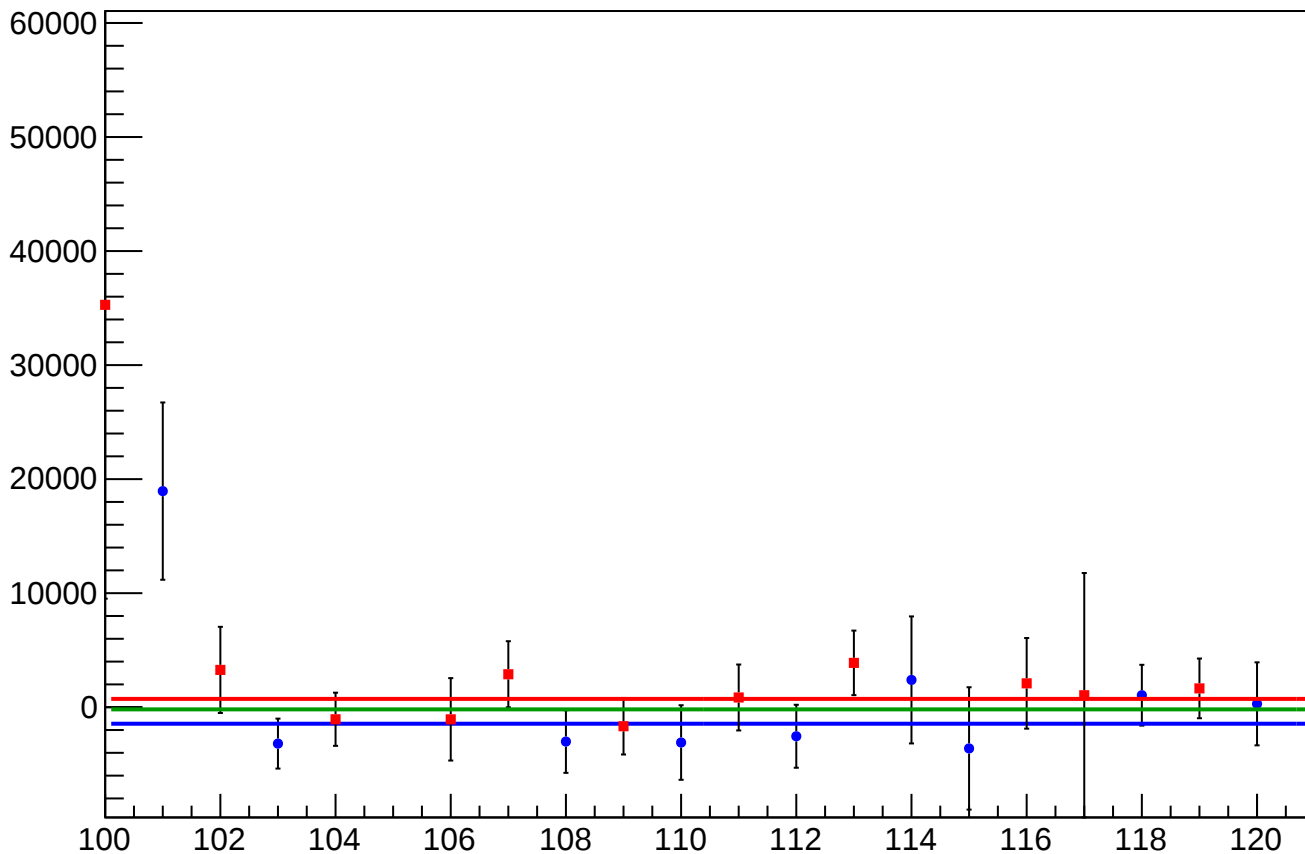
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4301.209+/-1.719 χ^2/NDF : 503029.0/8

4108.206+/-1.097 χ^2/NDF : 970980.3/20

3975.880+/-1.424 χ^2/NDF : 446712.0/11

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1448.167+/-1074.702 χ^2/NDF : 10.0/8

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

Right Out: 729.030+/-918.500 χ^2/NDF : 6.7/11

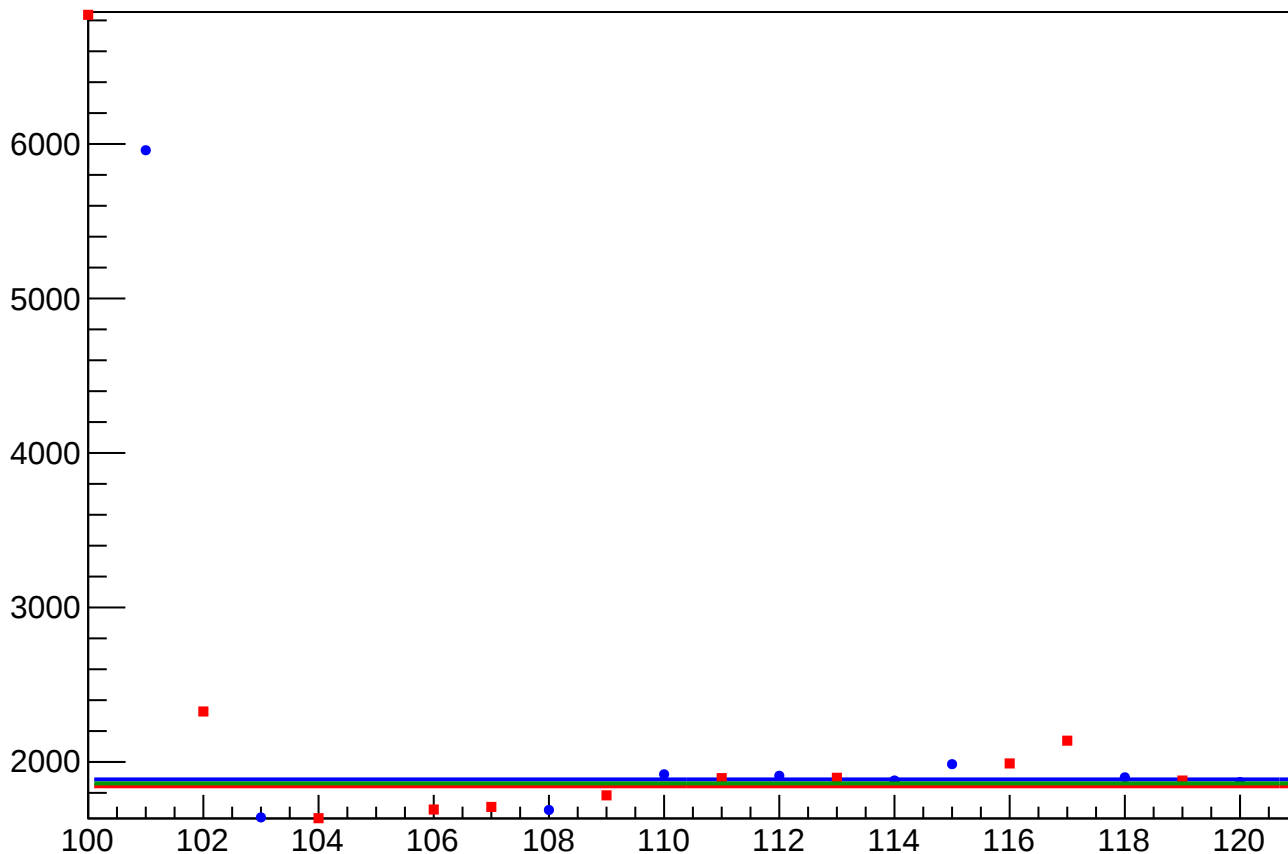
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1448.167+/-1074.702 χ^2/NDF : 10.0/8

-189.989+/-698.235 χ^2/NDF : 19.1/20

729.030+/-918.500 χ^2/NDF : 6.7/11

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1886.960+/-0.760 χ^2/NDF : 585711.7/8

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

Right Out: 1842.614+/-0.647 χ^2/NDF : 139355.6/11

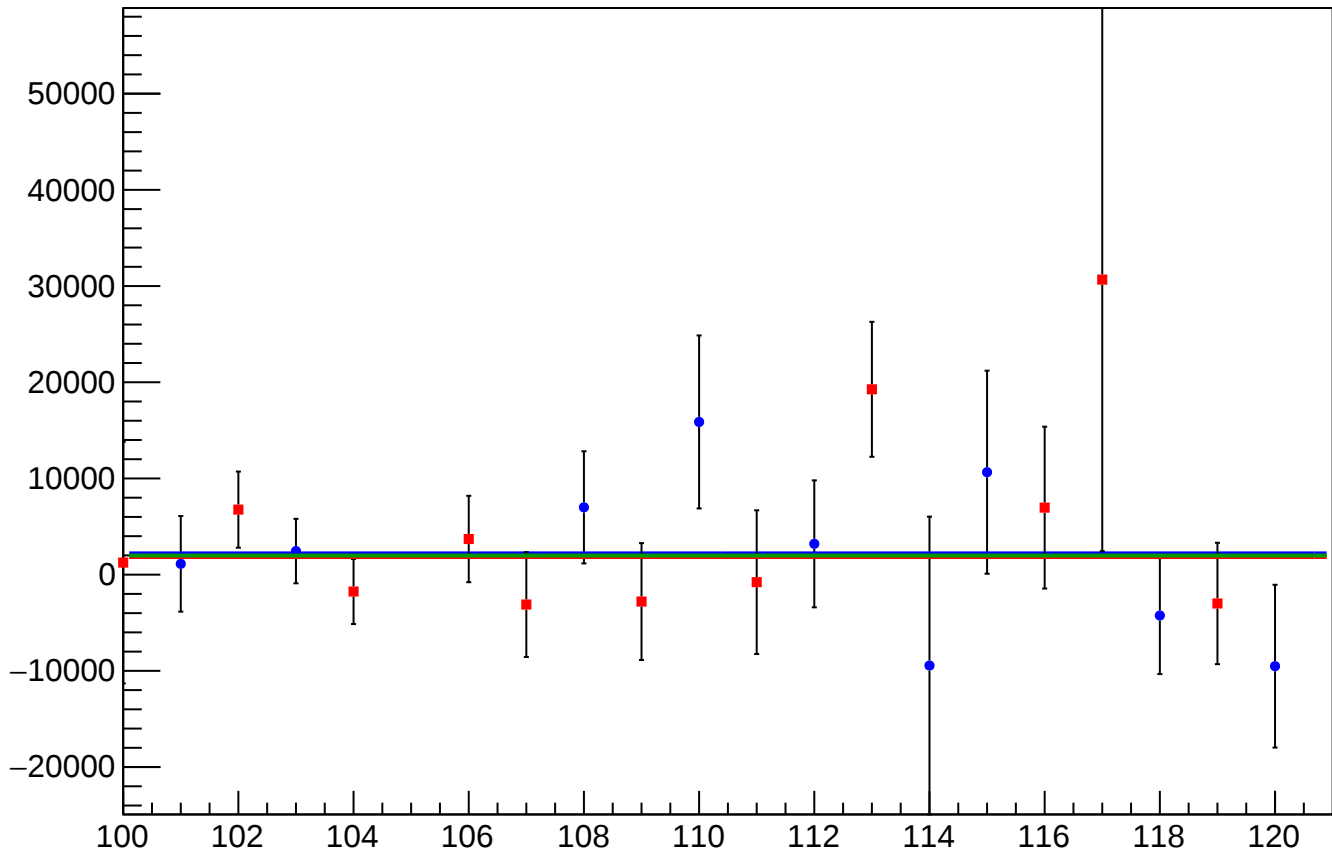
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1886.960+/-0.760 χ^2/NDF : 585711.7/8

1861.256+/-0.493 χ^2/NDF : 727041.1/20

1842.614+/-0.647 χ^2/NDF : 139355.6/11

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 2208.848 $\pm$ 2006.263 χ^2 /NDF: 7.3/8

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

Right Out: 1835.354 $\pm$ 1640.074 χ^2 /NDF: 12.9/11

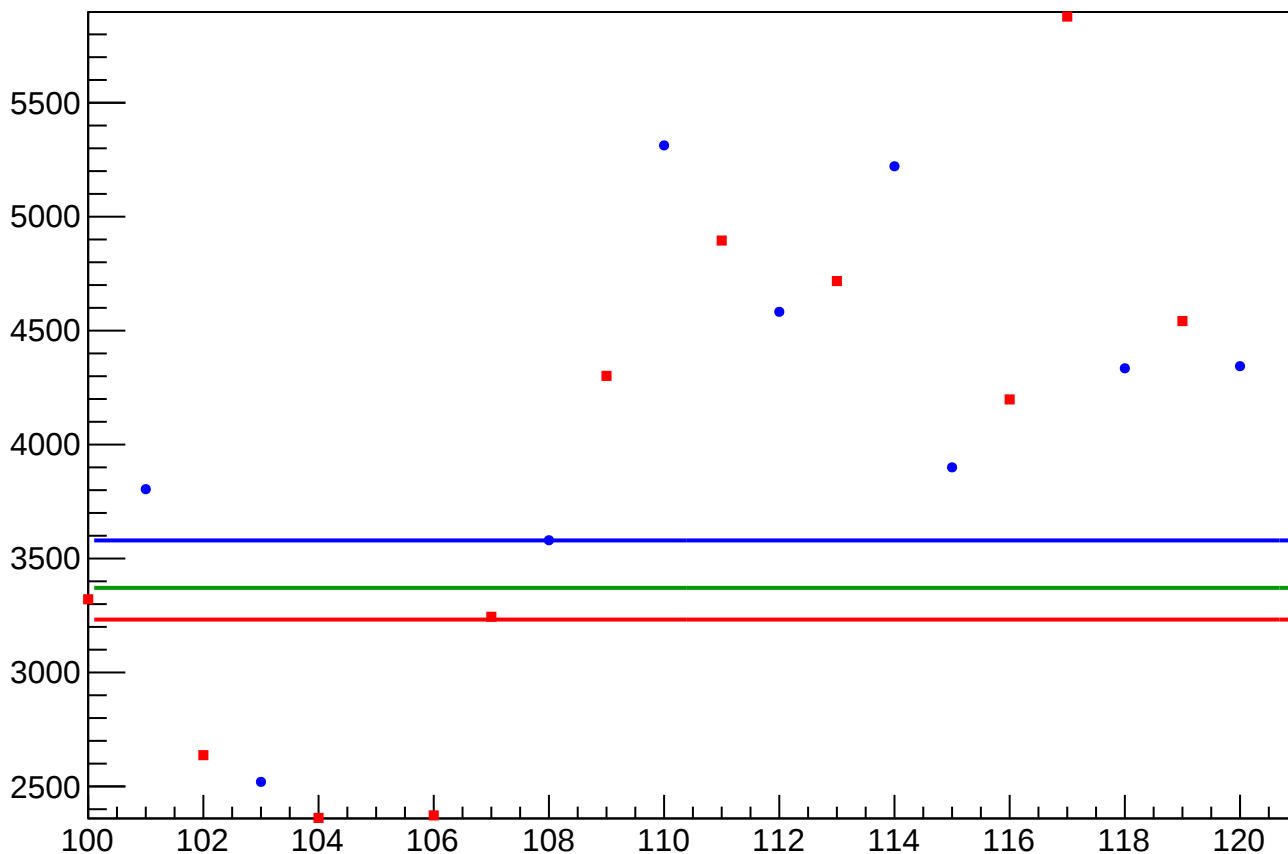
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2208.848 $\pm$ 2006.263 χ^2 /NDF: 7.3/8

1984.967 $\pm$ 1269.786 χ^2 /NDF: 20.2/20

1835.354 $\pm$ 1640.074 χ^2 /NDF: 12.9/11

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 3579.372+/-1.419 χ^2/NDF : 396133.1/8

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

Right Out: 3232.214+/-1.160 χ^2/NDF : 654865.1/11

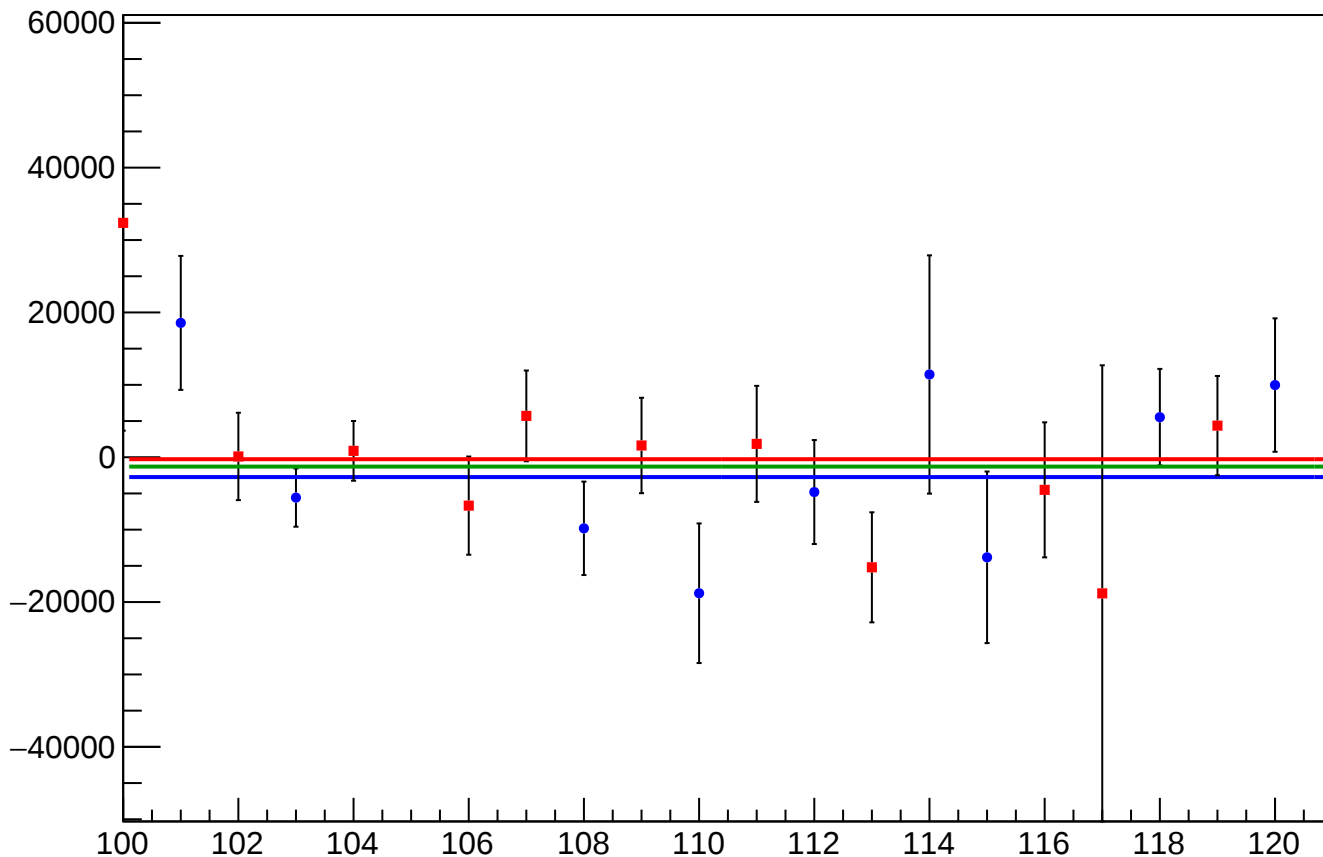
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3579.372+/-1.419 χ^2/NDF : 396133.1/8

3371.277+/-0.898 χ^2/NDF : 1086893.8/20

3232.214+/-1.160 χ^2/NDF : 654865.1/11

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2739.001+/-2405.358 χ^2/NDF : 14.9/8

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

Right Out: -268.690+/-2022.202 χ^2/NDF : 8.2/11

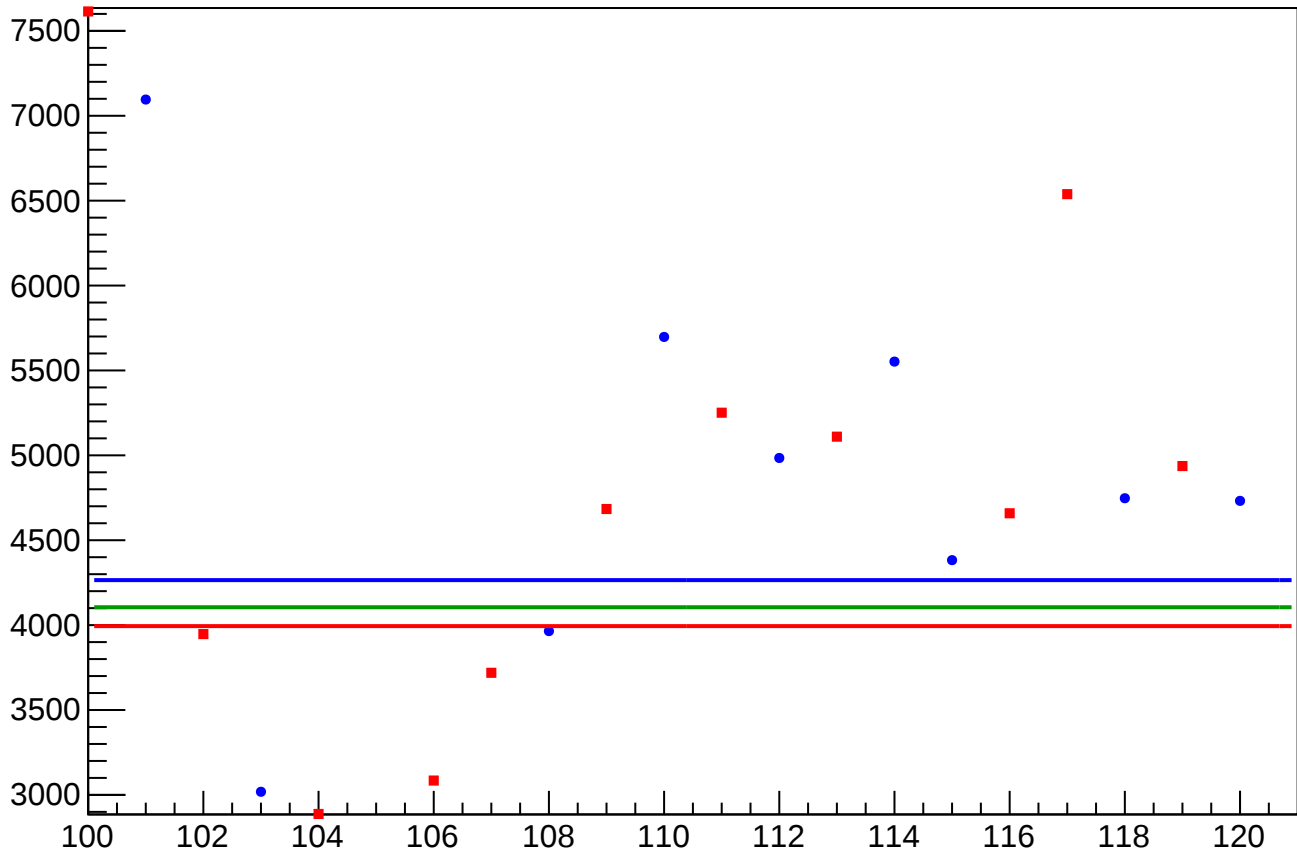
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2739.001+/-2405.358 χ^2/NDF : 14.9/8

-1291.656+/-1547.870 χ^2/NDF : 23.7/20

-268.690+/-2022.202 χ^2/NDF : 8.2/11

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4265.058+/-1.701 χ^2 /NDF: 476061.5/8

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

Right Out: 3994.080+/-1.419 χ^2 /NDF: 402670.3/11

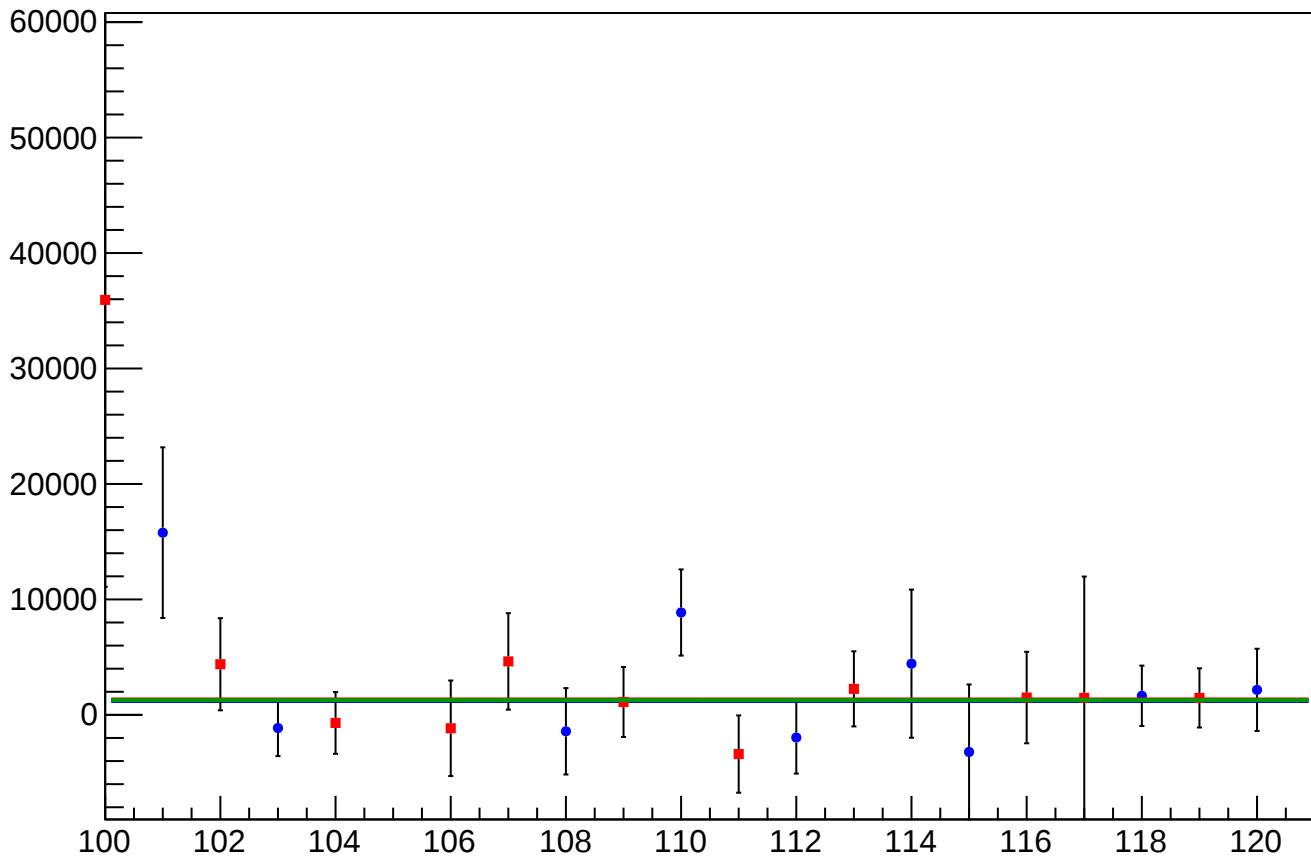
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

4265.058+/-1.701 χ^2 /NDF: 476061.5/8

4105.250+/-1.089 χ^2 /NDF: 893701.2/20

3994.080+/-1.419 χ^2 /NDF: 402670.3/11

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1202.242+/-1185.063 χ^2/NDF : 11.5/8

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

Right Out: 1335.590+/-1024.576 χ^2/NDF : 7.1/11

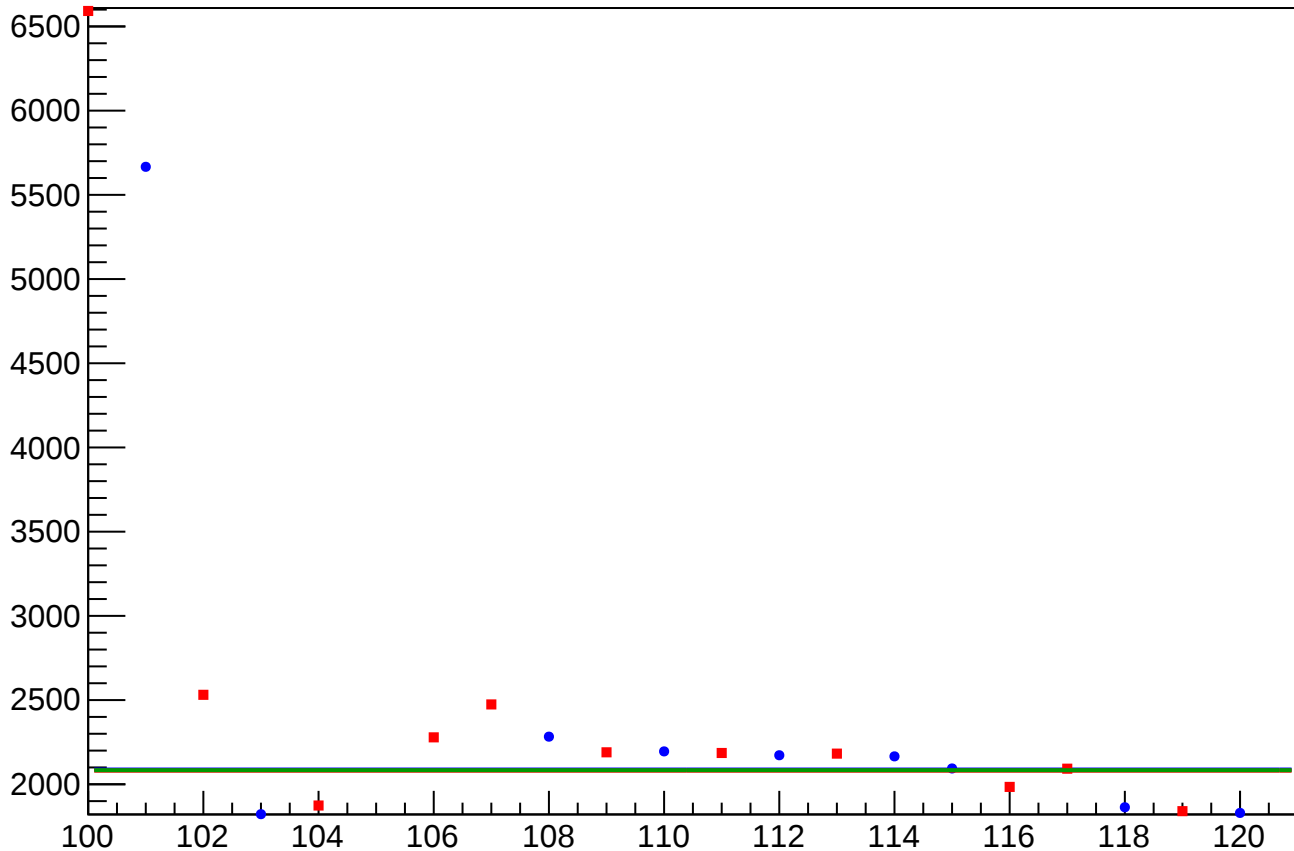
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1202.242+/-1185.063 χ^2/NDF : 11.5/8

1278.550+/-775.063 χ^2/NDF : 18.5/20

1335.590+/-1024.576 χ^2/NDF : 7.1/11

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2087.591+/-0.838 χ^2/NDF : 526643.6/8

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

Right Out: 2080.820+/-0.724 χ^2/NDF : 165475.4/11

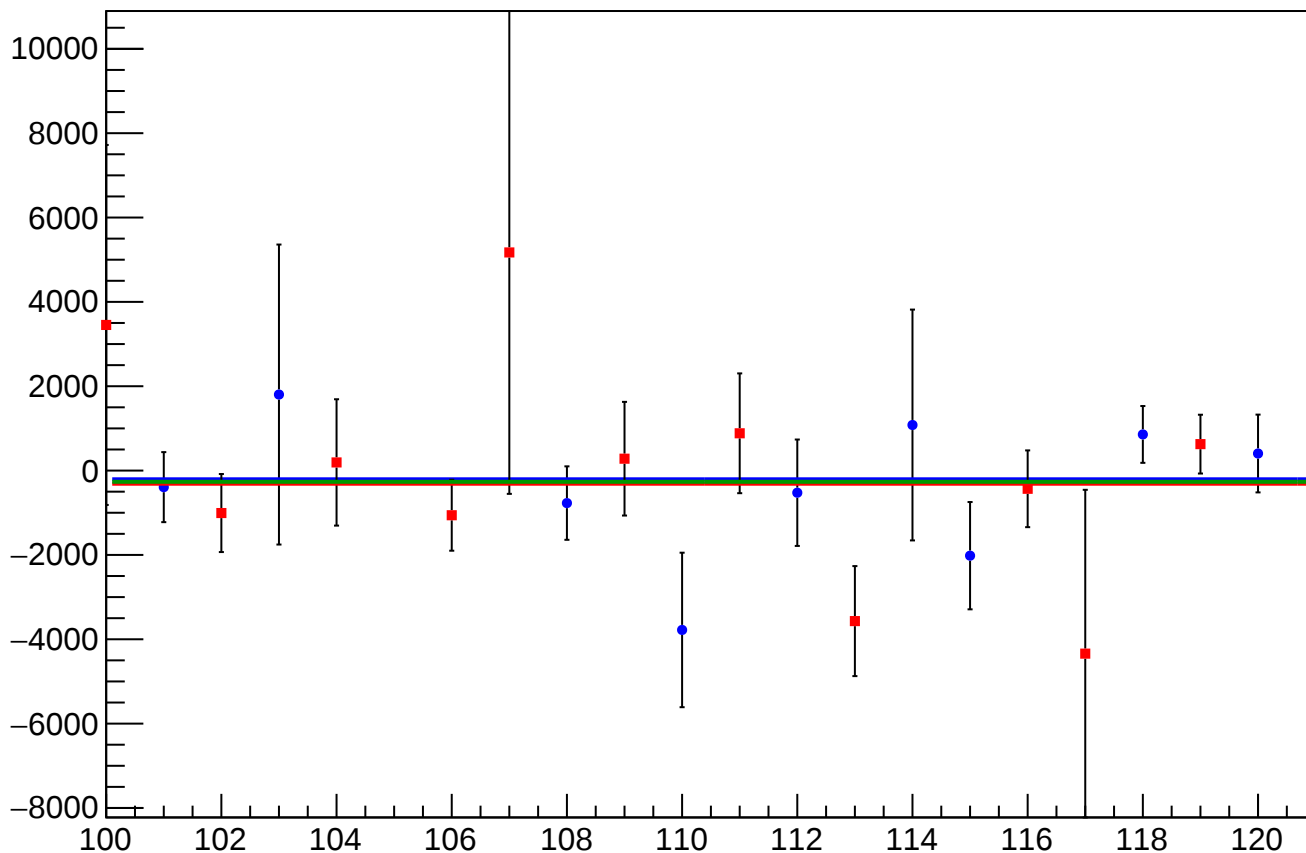
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2087.591+/-0.838 χ^2/NDF : 526643.6/8

2083.716+/-0.548 χ^2/NDF : 692156.4/20

2080.820+/-0.724 χ^2/NDF : 165475.4/11

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -206.854+/-355.631 χ^2/NDF : 9.8/8

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

Right Out: -311.467+/-313.269 χ^2/NDF : 13.5/11

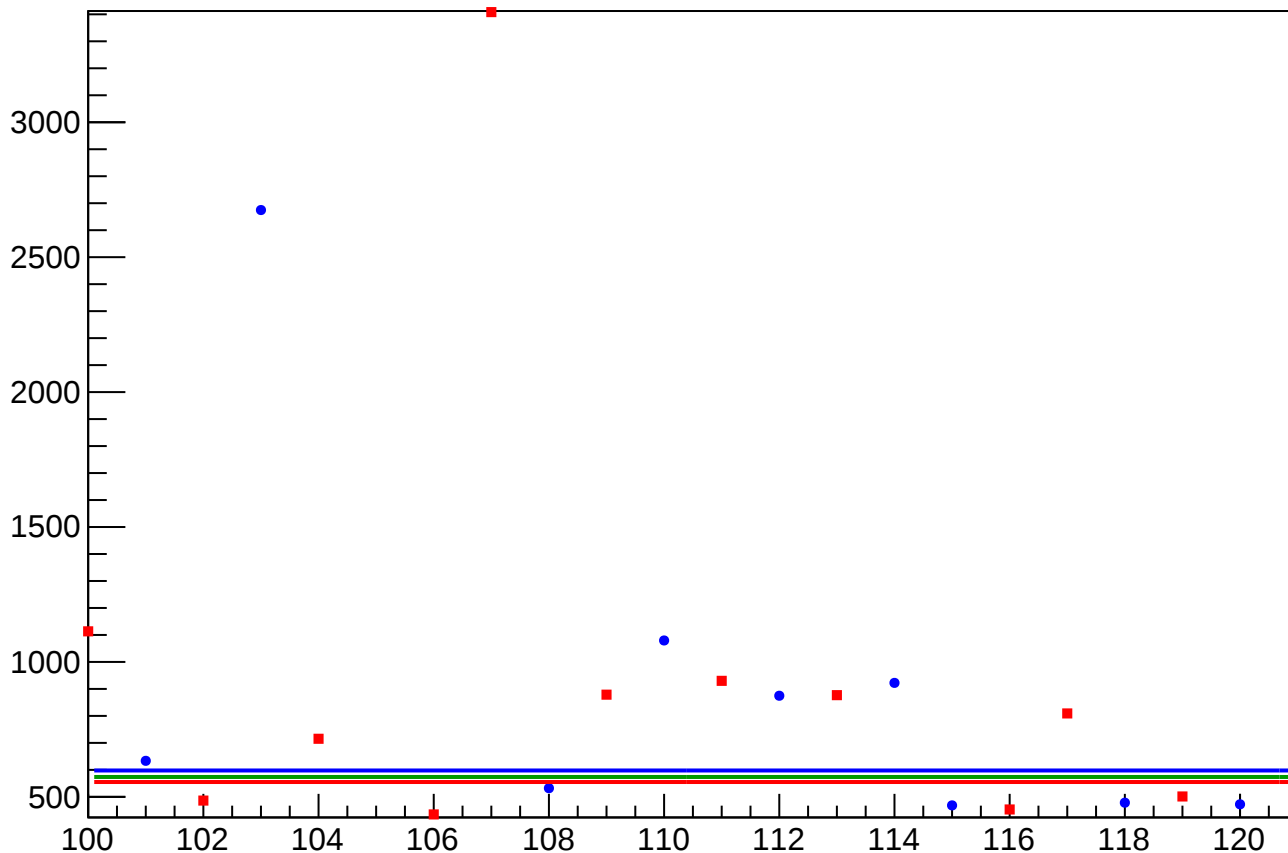
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-206.854+/-355.631 χ^2/NDF : 9.8/8

-265.759+/-235.073 χ^2/NDF : 23.4/20

-311.467+/-313.269 χ^2/NDF : 13.5/11

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 597.760 $\pm$ 0.251 χ^2 /NDF: 1080448.9/8

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

Right Out: 555.004 $\pm$ 0.222 χ^2 /NDF: 1100016.1/11

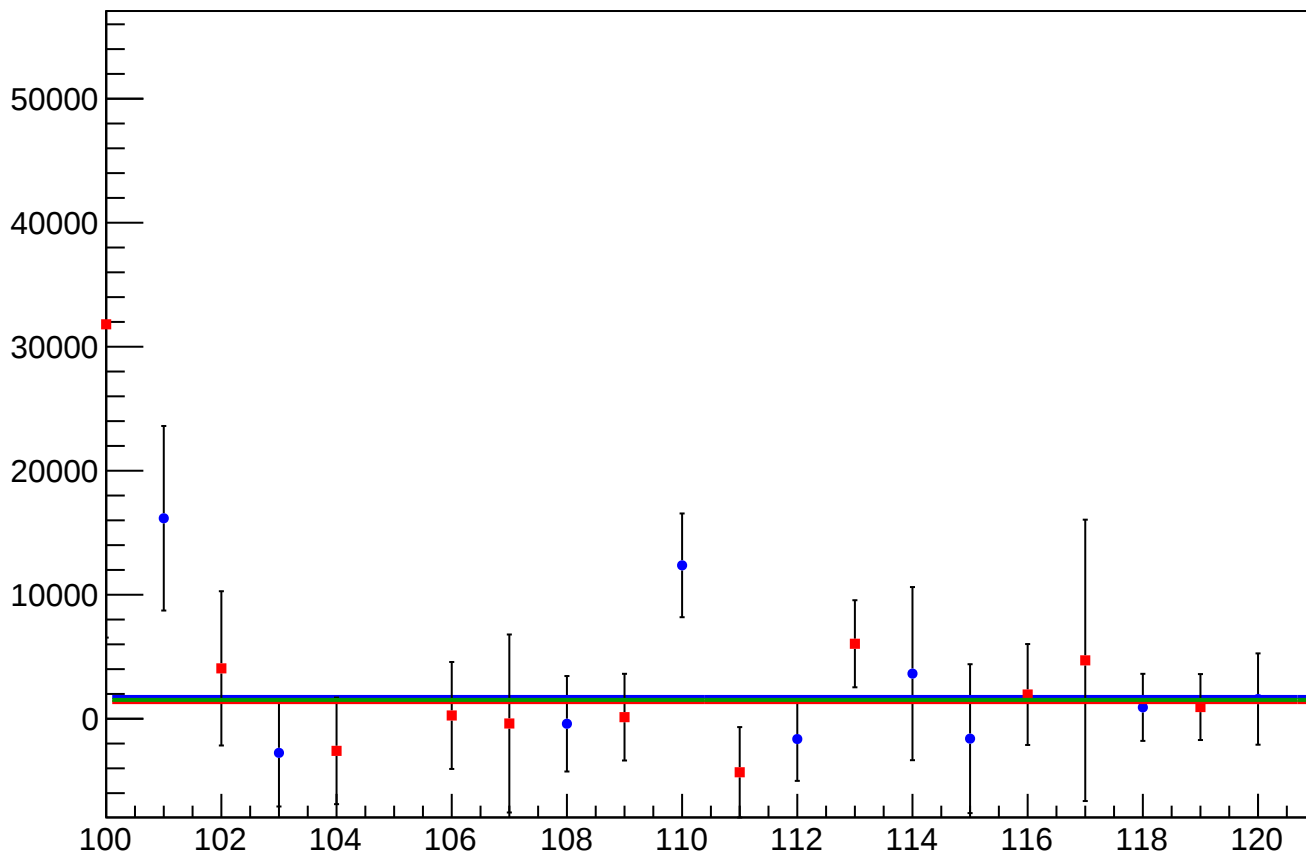
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

597.760 $\pm$ 0.251 χ^2 /NDF: 1080448.9/8

573.685 $\pm$ 0.166 χ^2 /NDF: 2196743.0/20

555.004 $\pm$ 0.222 χ^2 /NDF: 1100016.1/11

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1757.568+/-1357.210 χ^2/NDF : 13.1/8

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

Right Out: 1340.980+/-1185.482 χ^2/NDF : 8.0/11

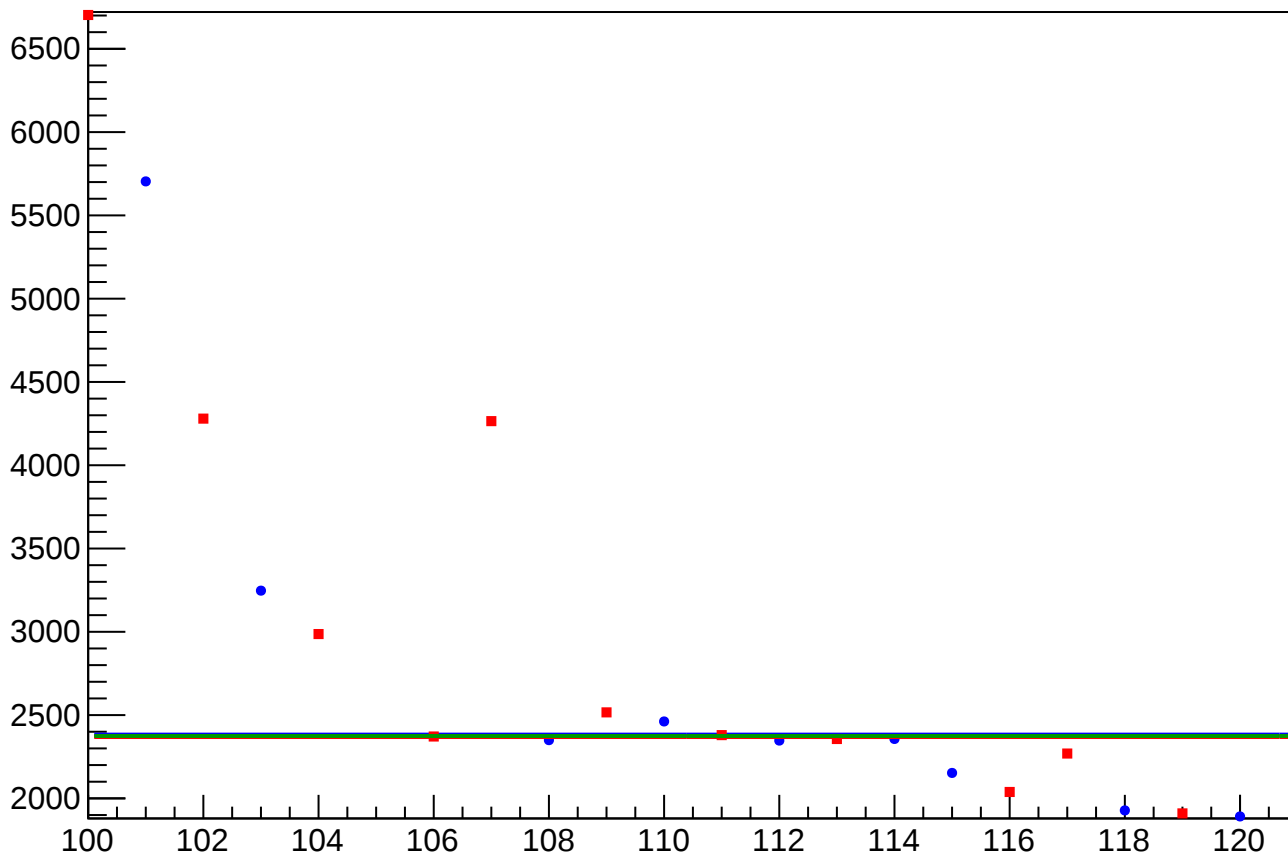
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1757.568+/-1357.210 χ^2/NDF : 13.1/8

1521.266+/-892.843 χ^2/NDF : 21.2/20

1340.980+/-1185.482 χ^2/NDF : 8.0/11

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2382.645+/-0.960 χ^2/NDF : 574690.8/8

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

Right Out: 2368.565+/-0.838 χ^2/NDF : 556889.0/11

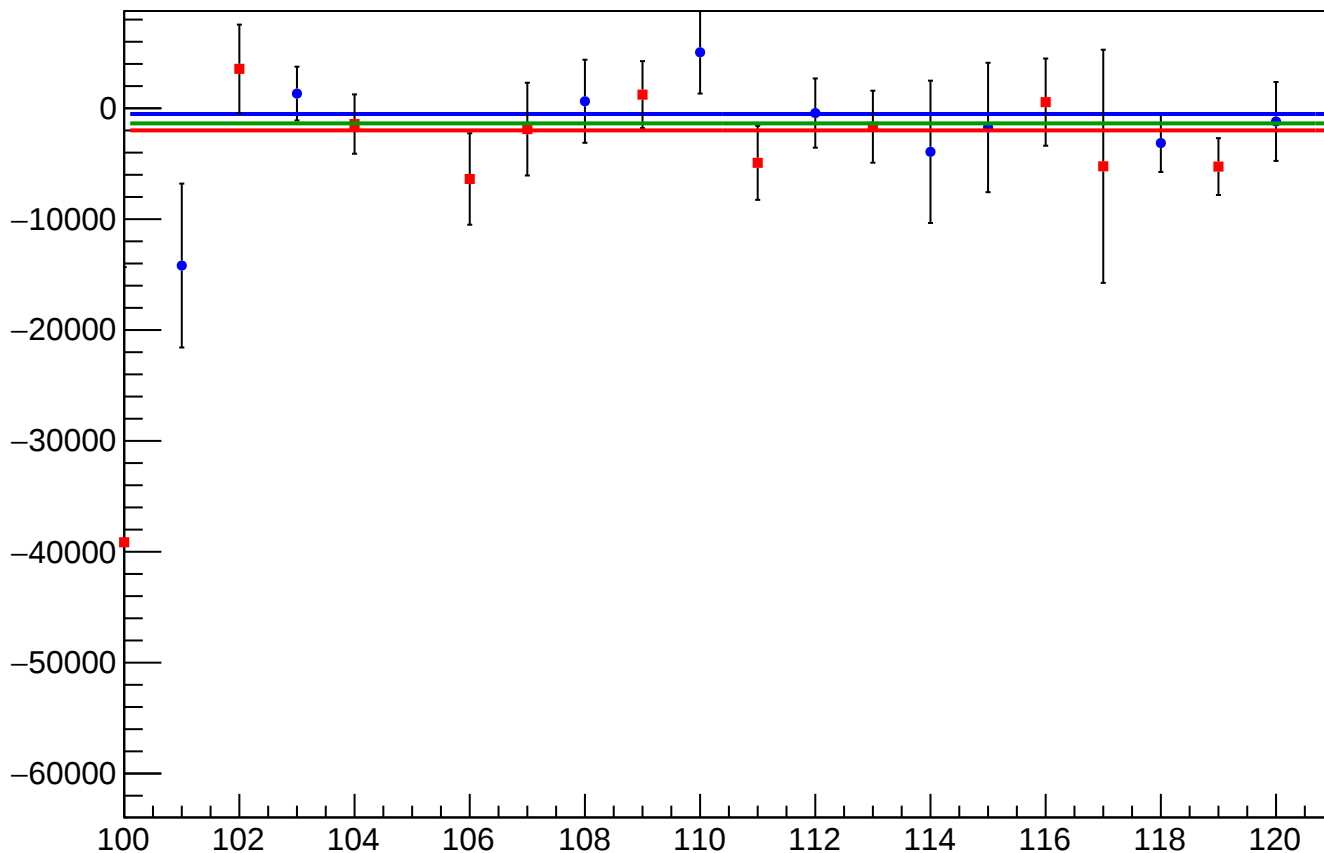
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2382.645+/-0.960 χ^2/NDF : 574690.8/8

2374.658+/-0.631 χ^2/NDF : 1131701.9/20

2368.565+/-0.838 χ^2/NDF : 556889.0/11

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -516.572 ± 1183.744 χ^2/NDF : 7.7/8

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

Right Out: -1992.812 ± 1022.878 χ^2/NDF : 9.5/11

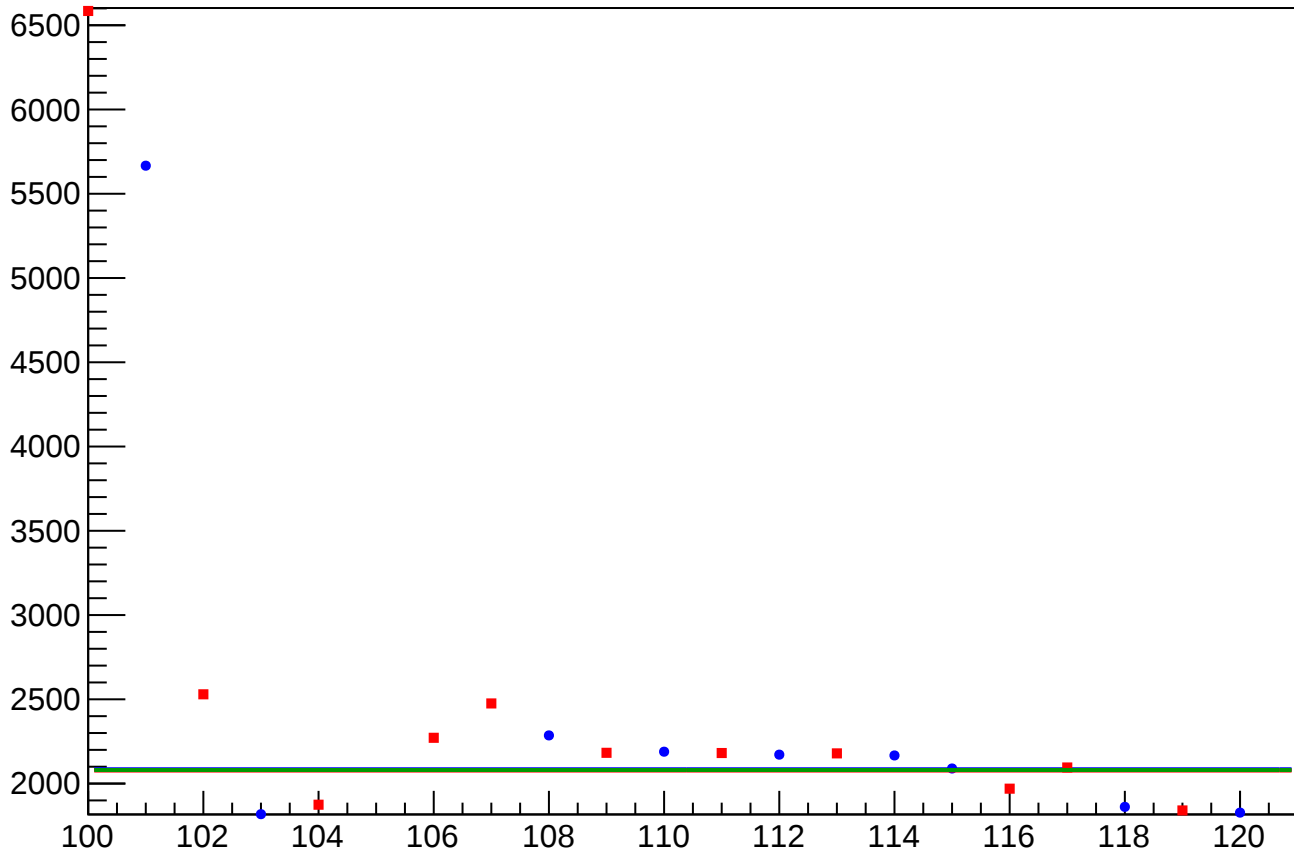
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-516.572 ± 1183.744 χ^2/NDF : 7.7/8

-1361.743 ± 773.959 χ^2/NDF : 18.1/20

-1992.812 ± 1022.878 χ^2/NDF : 9.5/11

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2084.971+/-0.837 χ^2/NDF : 527972.5/8

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

Right Out: 2077.318+/-0.723 χ^2/NDF : 165429.6/11

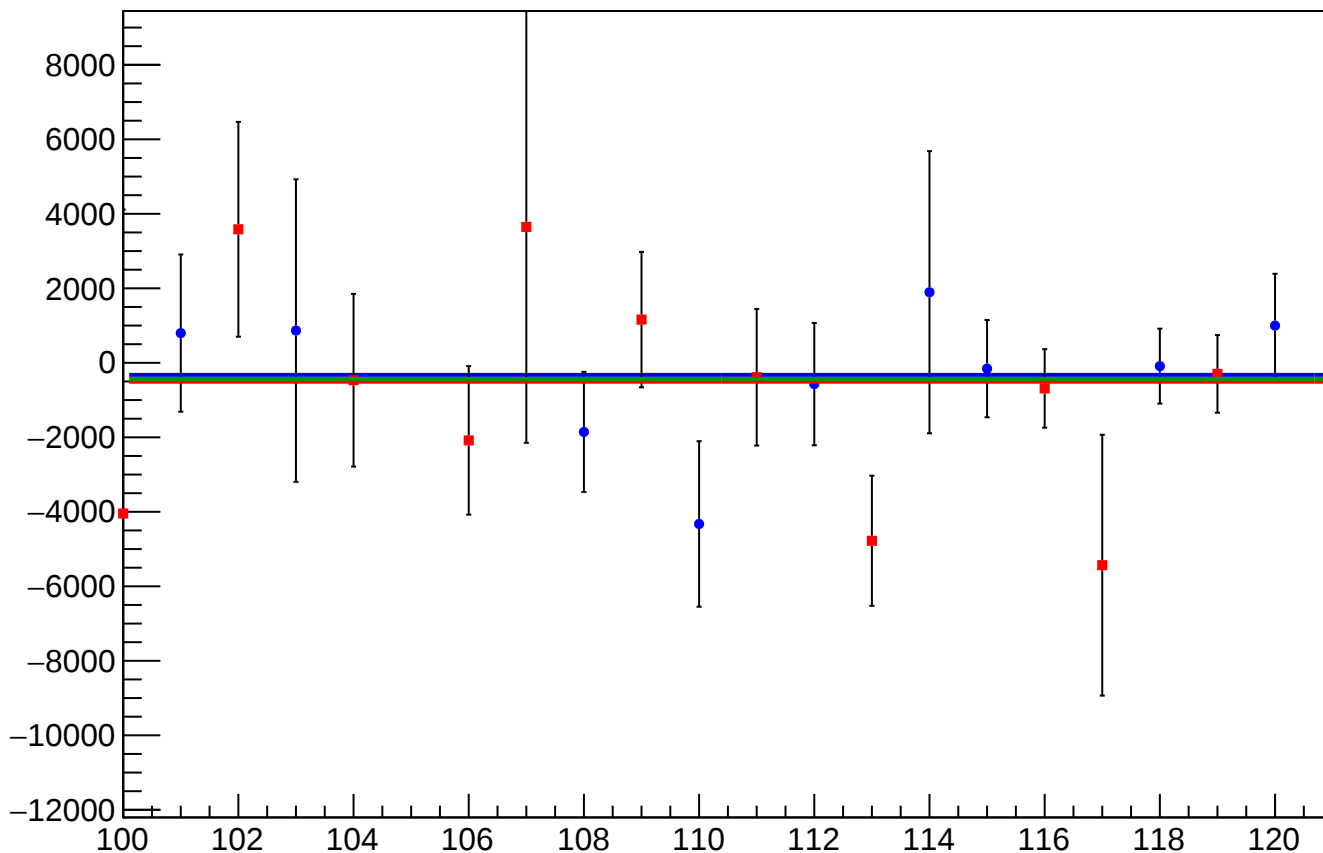
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2084.971+/-0.837 χ^2/NDF : 527972.5/8

2080.590+/-0.547 χ^2/NDF : 693449.9/20

2077.318+/-0.723 χ^2/NDF : 165429.6/11

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: -323.632+/-541.838 χ^2/NDF : 5.9/8

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

Right Out: -507.022+/-456.963 χ^2/NDF : 13.0/11

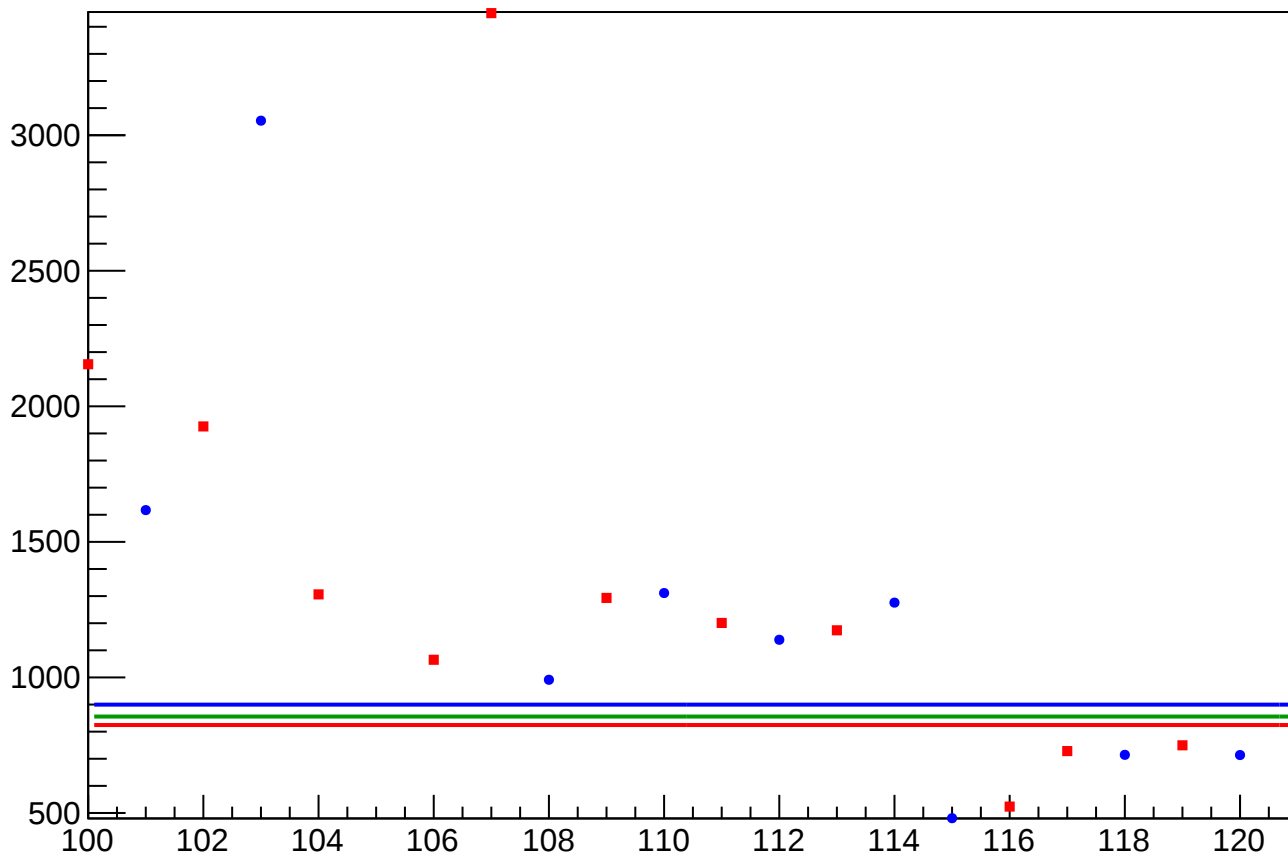
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-323.632+/-541.838 χ^2/NDF : 5.9/8

-430.800+/-349.320 χ^2/NDF : 19.0/20

-507.022+/-456.963 χ^2/NDF : 13.0/11

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 899.677+/-0.383 χ^2/NDF : 1240540.2/8

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

Right Out: 824.441+/-0.323 χ^2/NDF : 1580826.9/11

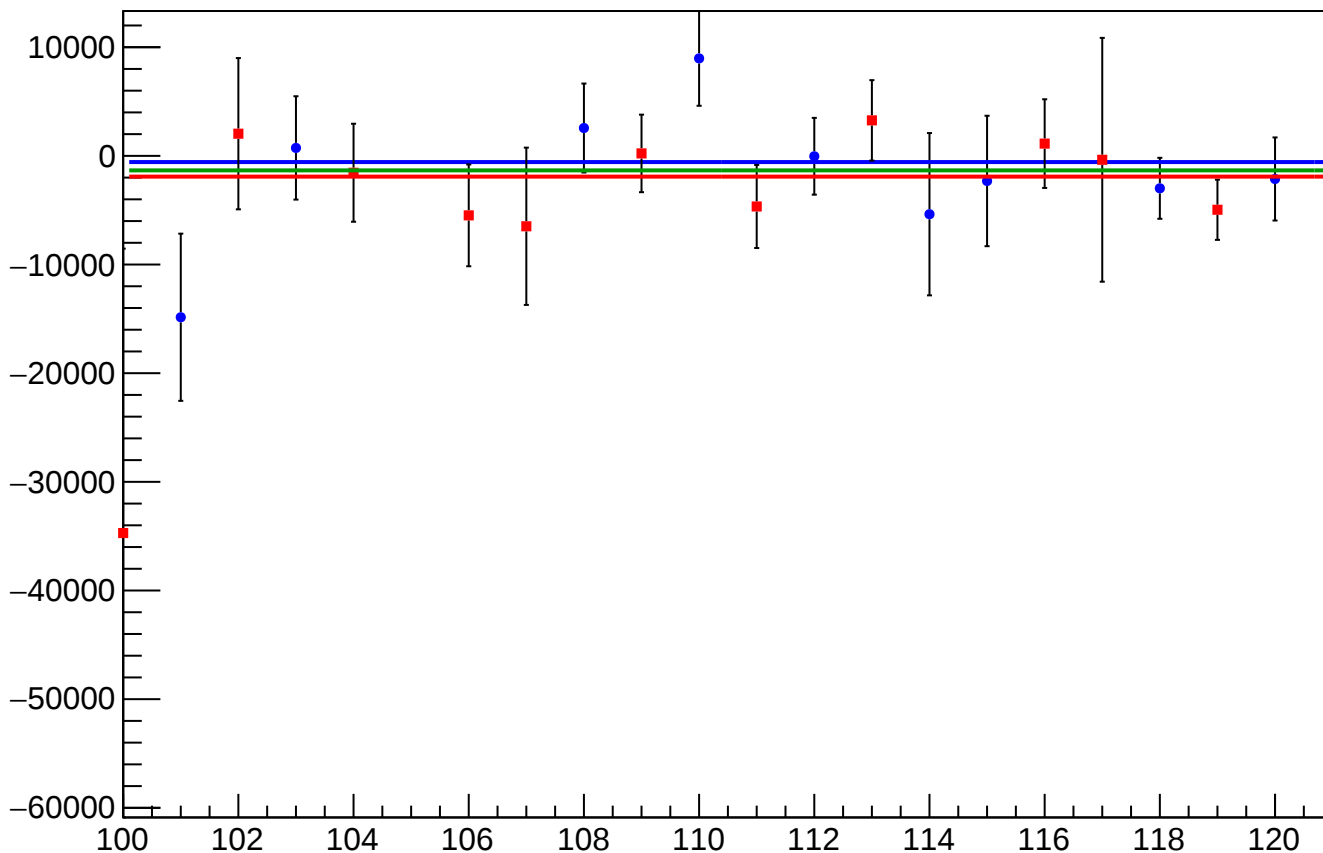
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

899.677+/-0.383 χ^2/NDF : 1240540.2/8

855.712+/-0.247 χ^2/NDF : 2843900.6/20

824.441+/-0.323 χ^2/NDF : 1580826.9/11

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -569.852+/-1421.840 χ^2/NDF : 10.3/8

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

Right Out: -1909.546+/-1230.795 χ^2/NDF : 7.5/11

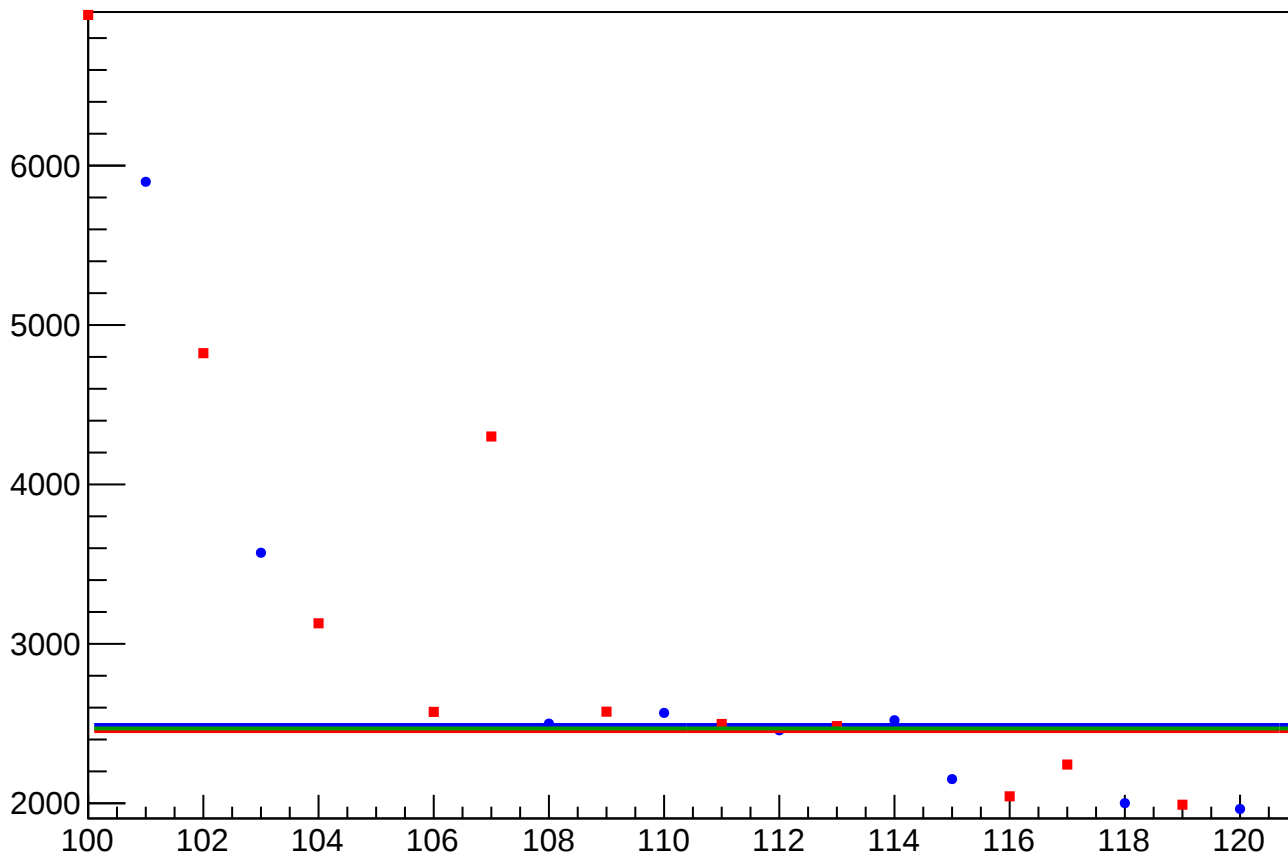
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-569.852+/-1421.840 χ^2/NDF : 10.3/8

-1335.687+/-930.573 χ^2/NDF : 18.3/20

-1909.546+/-1230.795 χ^2/NDF : 7.5/11

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2490.984+/-1.005 χ^2/NDF : 601921.5/8

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

Right Out: 2453.051+/-0.870 χ^2/NDF : 609868.9/11

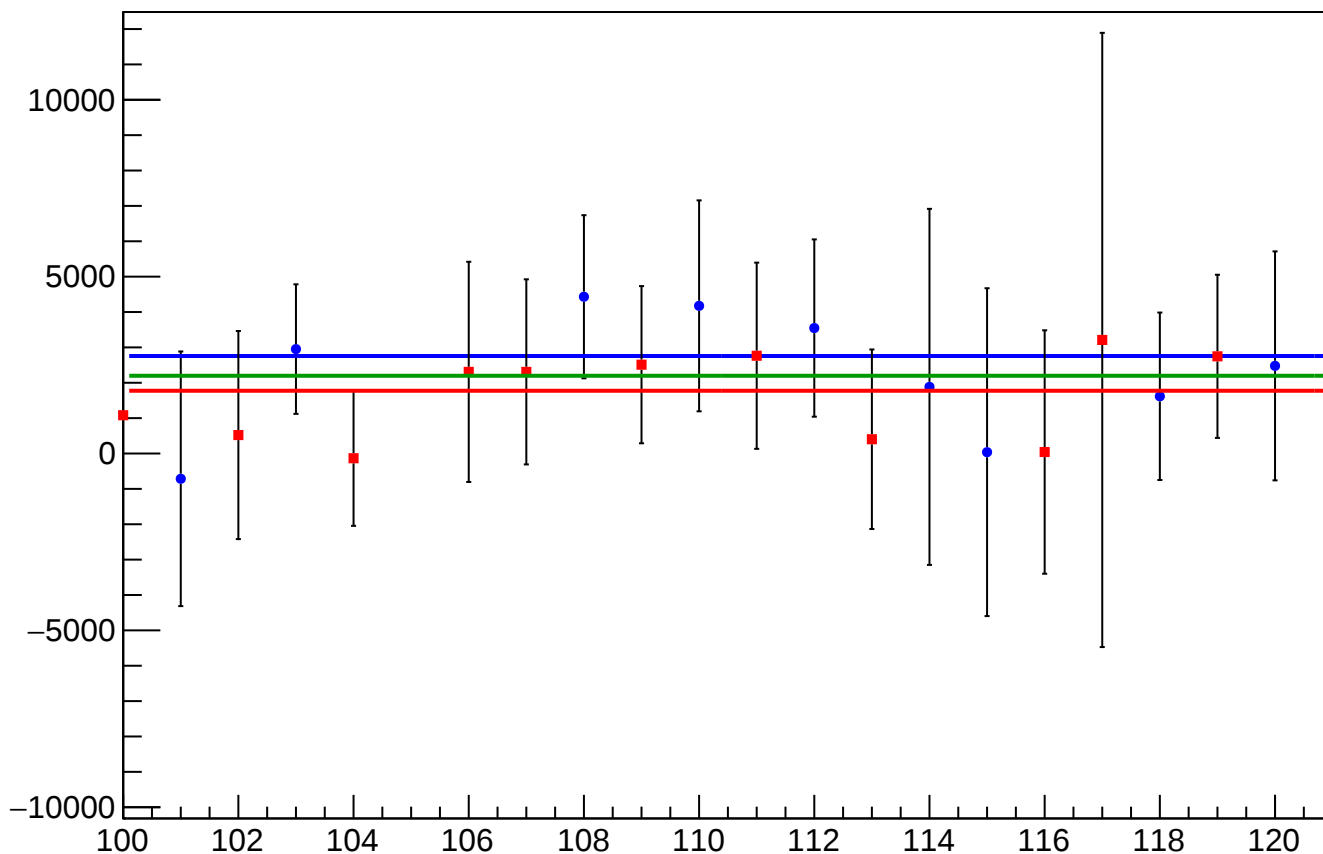
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2490.984+/-1.005 χ^2/NDF : 601921.5/8

2469.299+/-0.658 χ^2/NDF : 1212604.2/20

2453.051+/-0.870 χ^2/NDF : 609868.9/11

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2756.298+/-914.760 χ^2/NDF : 2.4/8

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

Right Out: 1774.376+/-796.517 χ^2/NDF : 3.4/11

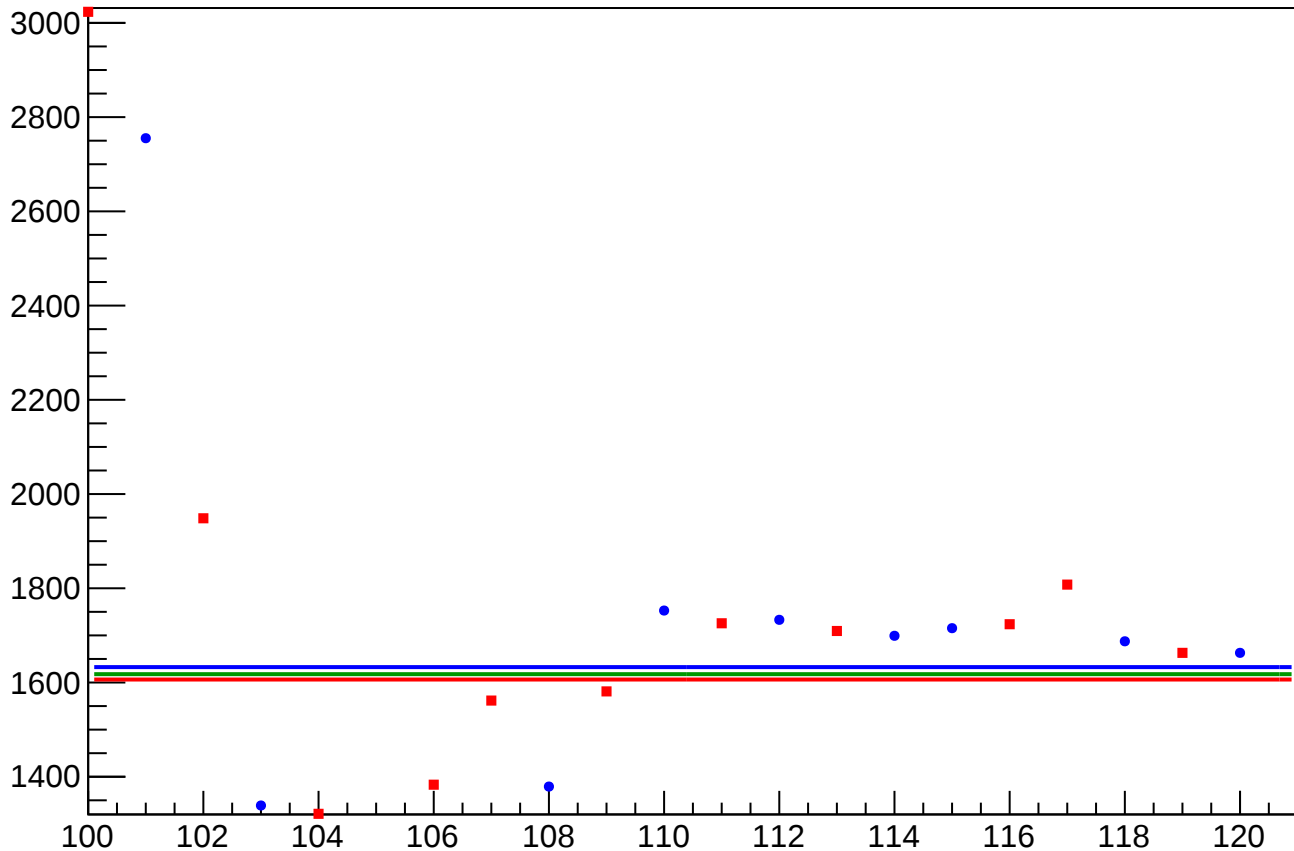
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2756.298+/-914.760 χ^2/NDF : 2.4/8

2197.812+/-600.707 χ^2/NDF : 6.5/20

1774.376+/-796.517 χ^2/NDF : 3.4/11

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1632.712 $\pm$ 0.647 χ^2 /NDF: 278821.1/8

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

Right Out: 1606.346 $\pm$ 0.563 χ^2 /NDF: 126077.5/11

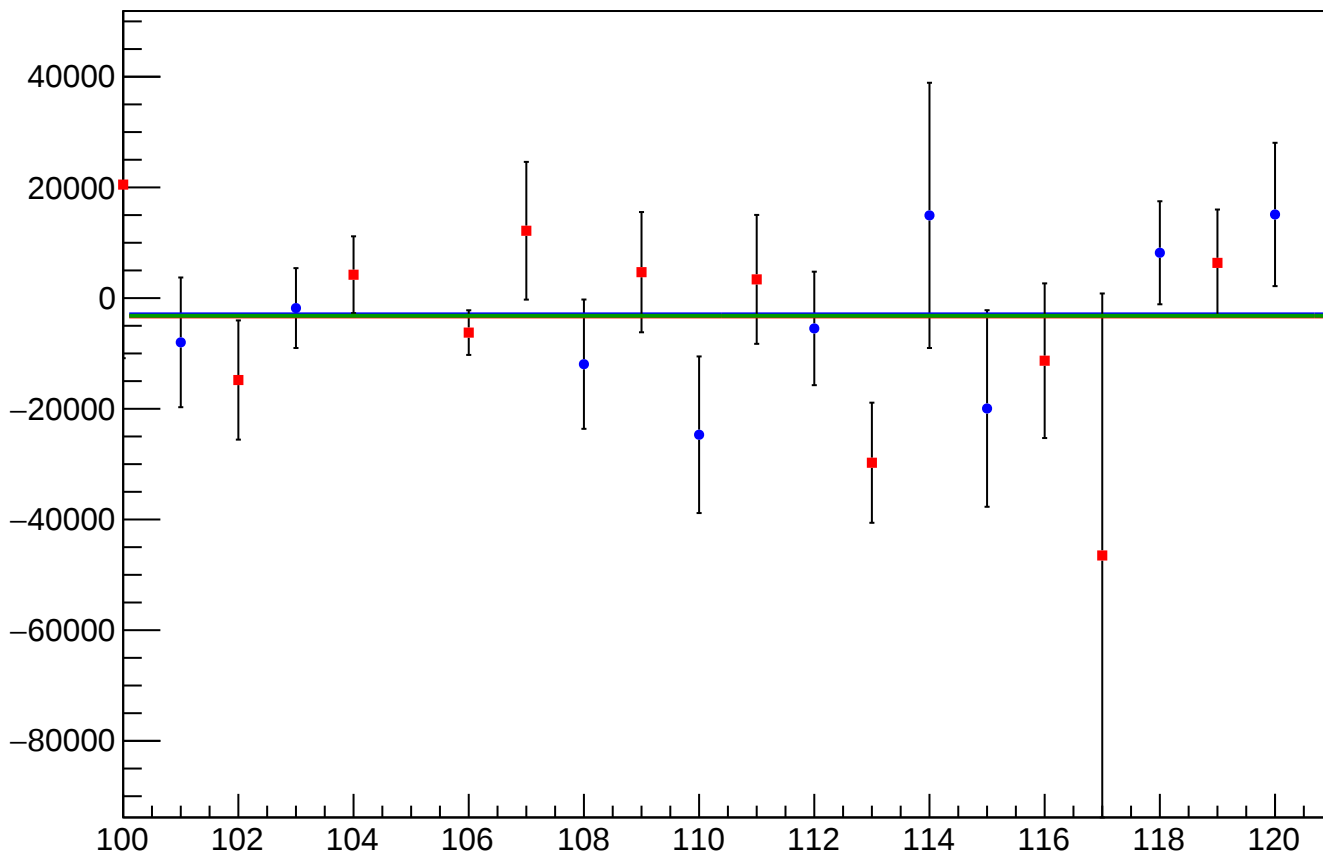
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1632.712 $\pm$ 0.647 χ^2 /NDF: 278821.1/8

1617.716 $\pm$ 0.425 χ^2 /NDF: 405843.6/20

1606.346 $\pm$ 0.563 χ^2 /NDF: 126077.5/11

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -2942.653+/-3759.874 χ^2/NDF : 8.1/8

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

Right Out: -3307.547+/-2588.414 χ^2/NDF : 14.3/11

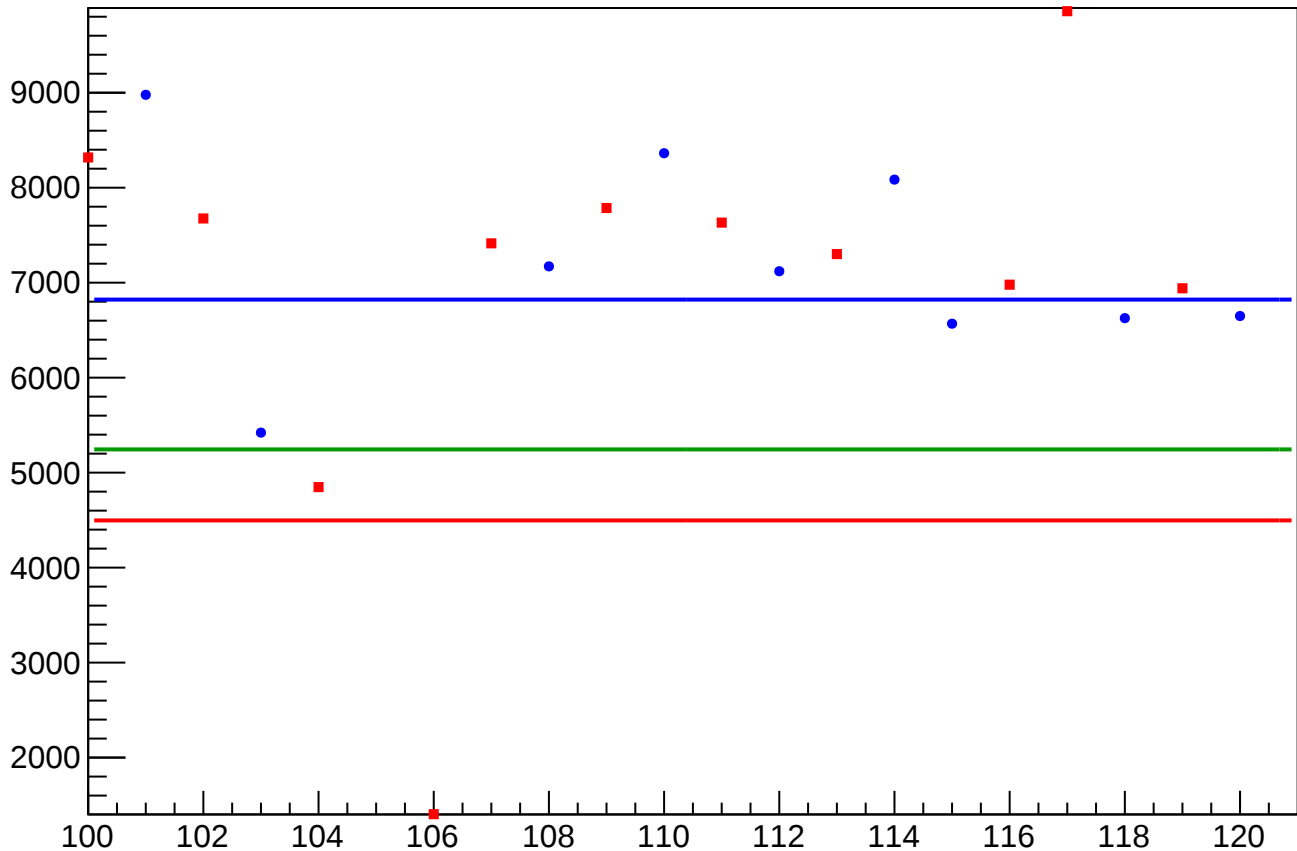
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2942.653+/-3759.874 χ^2/NDF : 8.1/8

-3190.217+/-2132.035 χ^2/NDF : 22.4/20

-3307.547+/-2588.414 χ^2/NDF : 14.3/11

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 6822.020 ± 2.659 $\chi^2/\text{NDF}: 177472.9/8$

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

Right Out: 4496.986 ± 1.830 $\chi^2/\text{NDF}: 2227168.6/11$

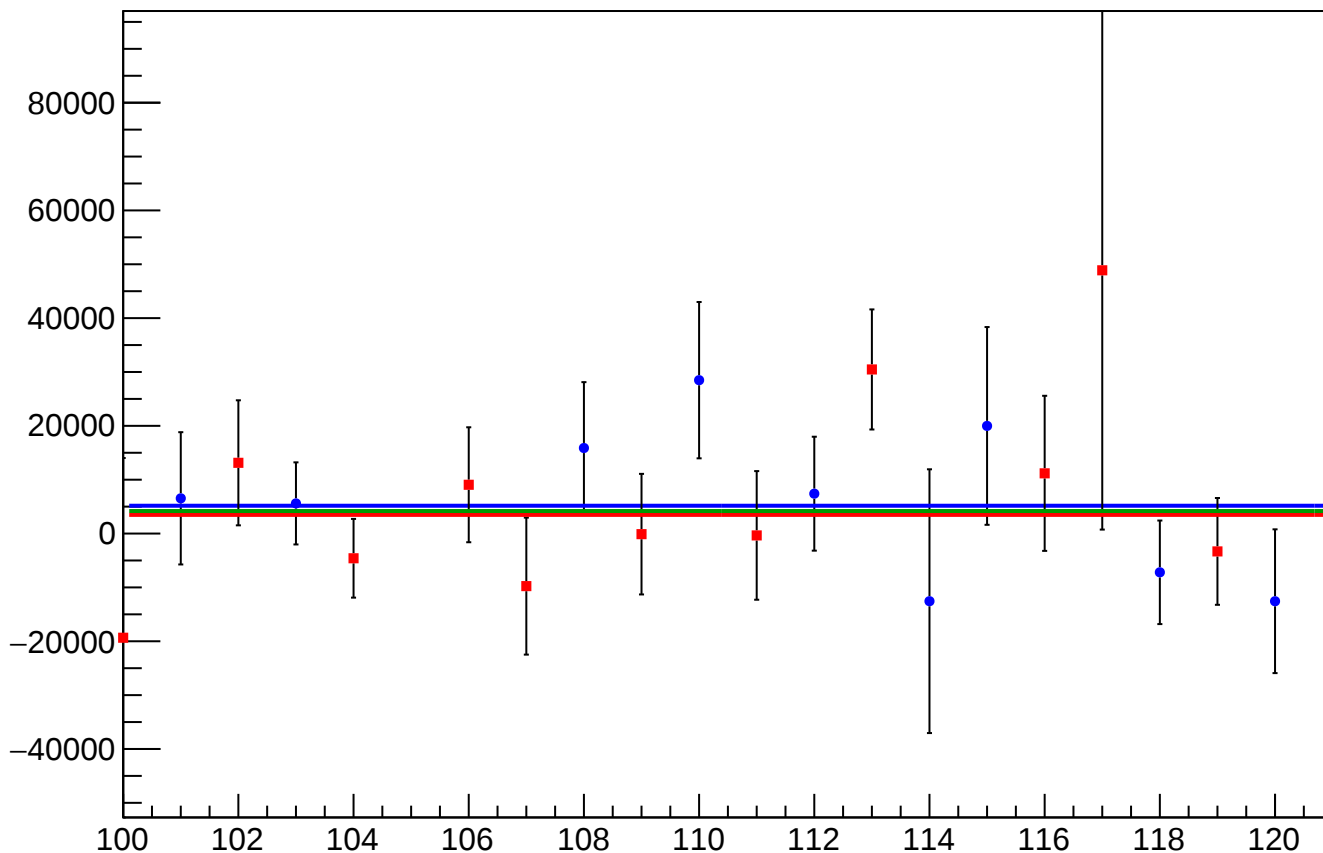
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

6822.020 ± 2.659 $\chi^2/\text{NDF}: 177472.9/8$

5244.589 ± 1.508 $\chi^2/\text{NDF}: 2923516.5/20$

4496.986 ± 1.830 $\chi^2/\text{NDF}: 2227168.6/11$

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 5166.452 $\pm$ 3913.804 χ^2 /NDF: 8.0/8

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

Right Out: 3466.781 $\pm$ 3332.894 χ^2 /NDF: 11.5/11

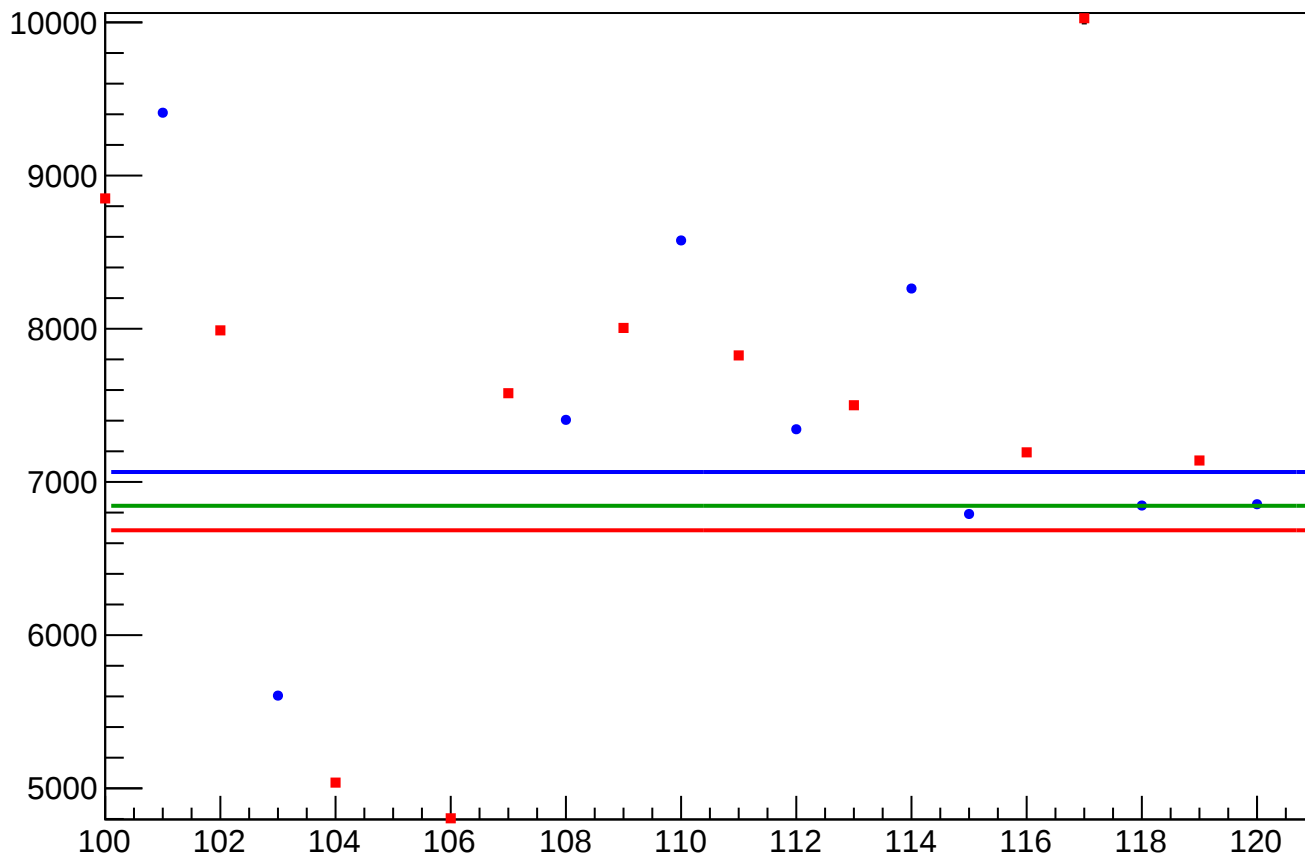
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

5166.452 $\pm$ 3913.804 χ^2 /NDF: 8.0/8

4181.238 $\pm$ 2537.491 χ^2 /NDF: 19.6/20

3466.781 $\pm$ 3332.894 χ^2 /NDF: 11.5/11

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7064.867+/-2.767 χ^2/NDF : 177734.0/8

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

Right Out: 6684.431+/-2.356 χ^2/NDF : 283079.1/11

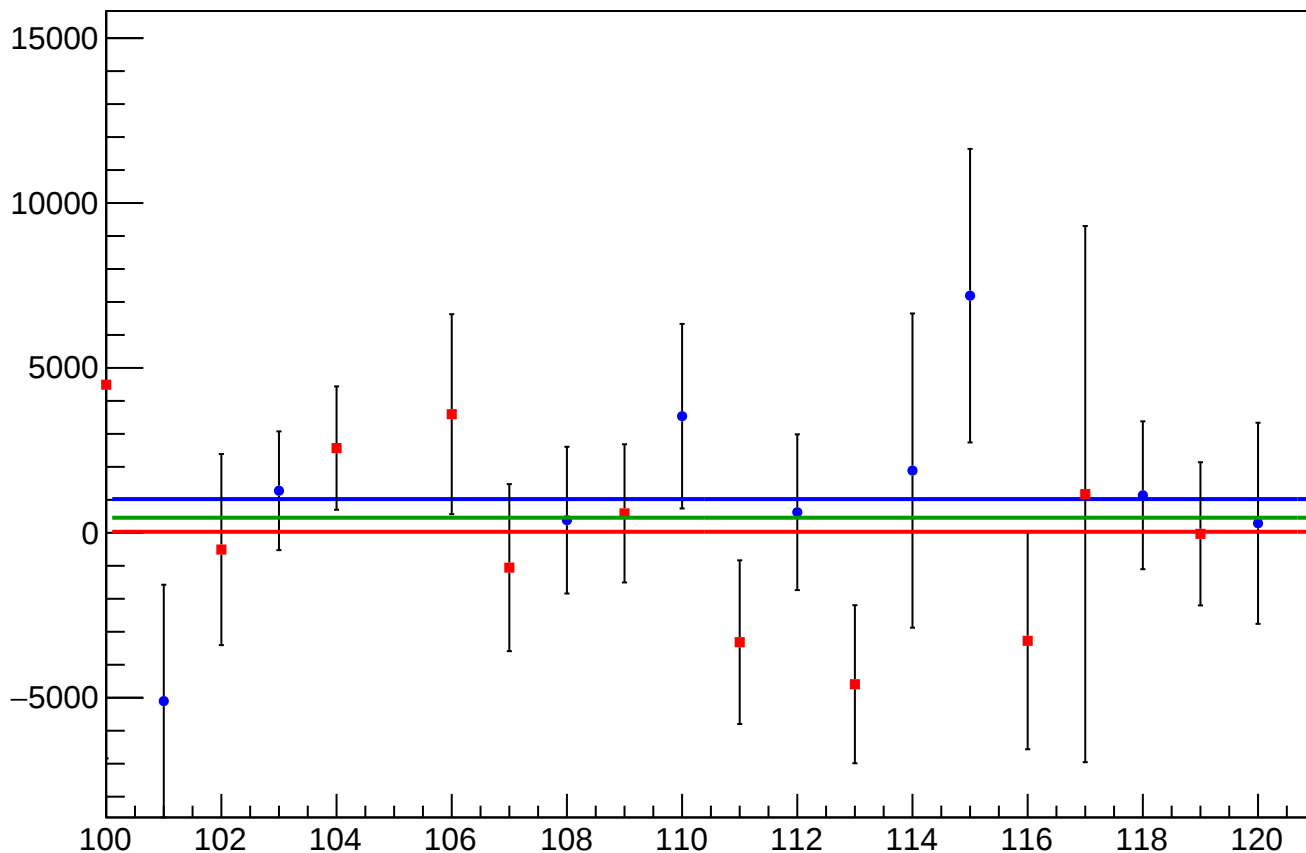
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7064.867+/-2.767 χ^2/NDF : 177734.0/8

6844.321+/-1.794 χ^2/NDF : 471769.0/20

6684.431+/-2.356 χ^2/NDF : 283079.1/11

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1023.308 $\pm$ 877.365 χ^2/NDF : 6.0/8

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

Right Out: 32.073 $\pm$ 762.248 χ^2/NDF : 12.6/11

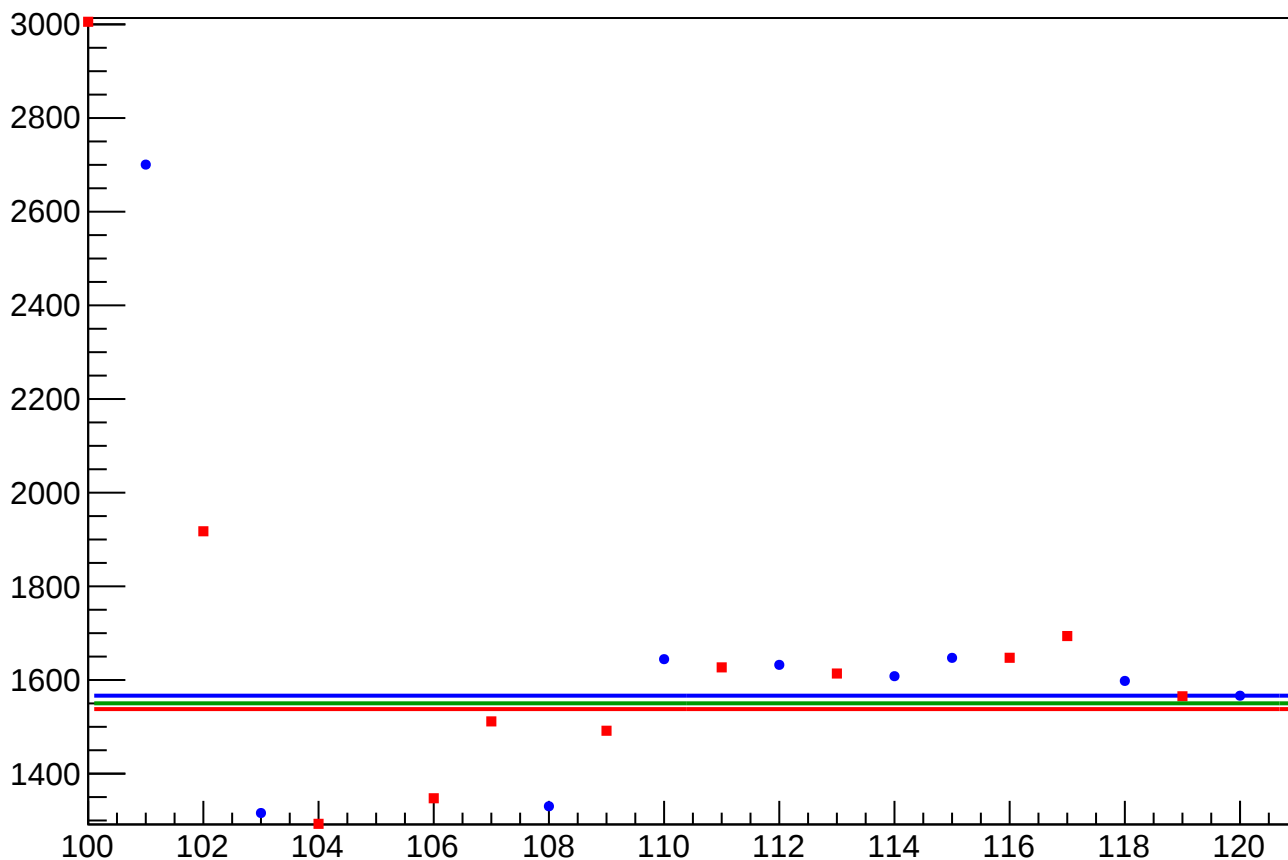
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1023.308 $\pm$ 877.365 χ^2/NDF : 6.0/8

458.438 $\pm$ 575.417 χ^2/NDF : 19.3/20

32.073 $\pm$ 762.248 χ^2/NDF : 12.6/11

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1566.527+/-0.620 χ^2/NDF : 272197.4/8

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

Right Out: 1537.875+/-0.539 χ^2/NDF : 119270.8/11

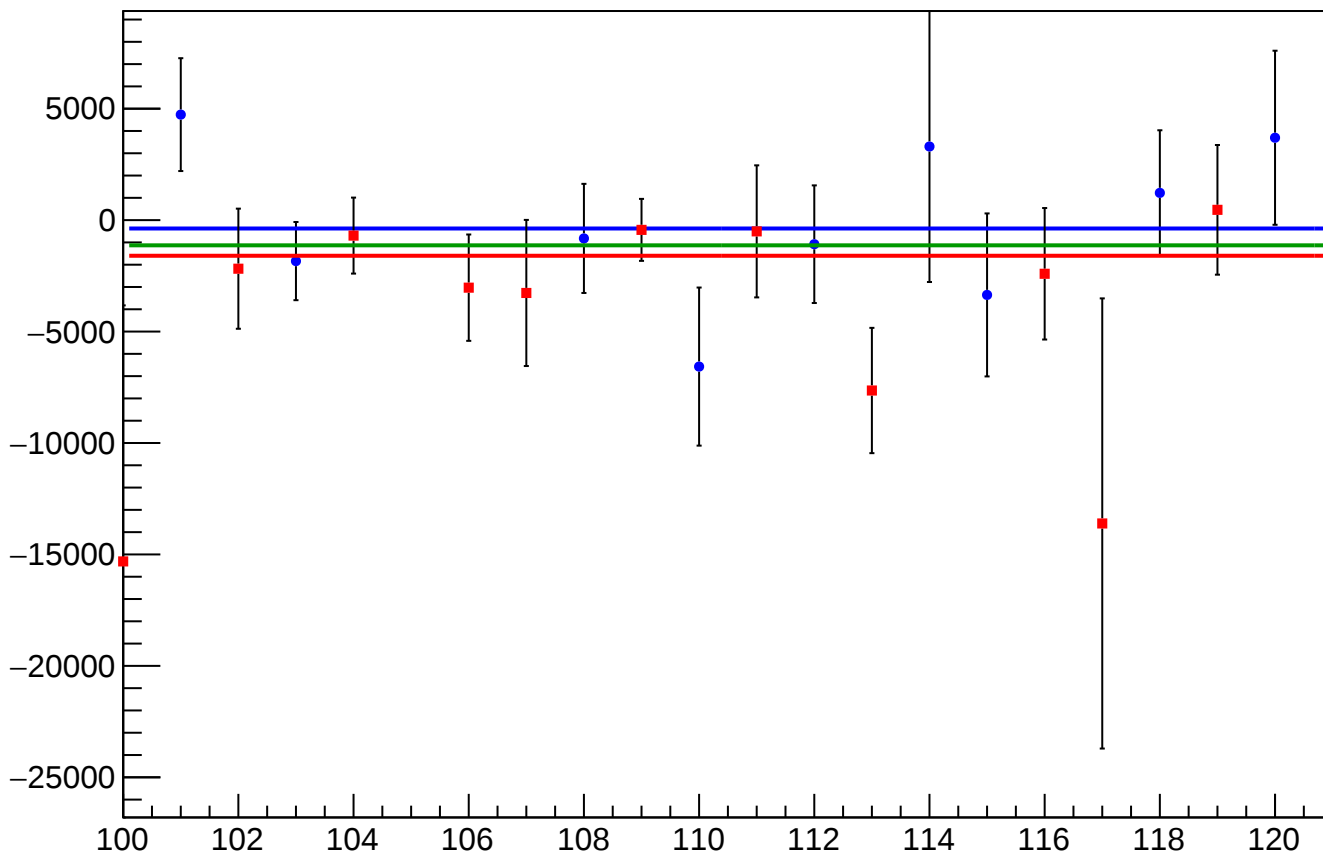
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1566.527+/-0.620 χ^2/NDF : 272197.4/8

1550.199+/-0.407 χ^2/NDF : 392683.8/20

1537.875+/-0.539 χ^2/NDF : 119270.8/11

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -375.775+/-926.438 χ^2/NDF : 10.4/8

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

Right Out: -1598.859+/-729.494 χ^2/NDF : 10.5/11

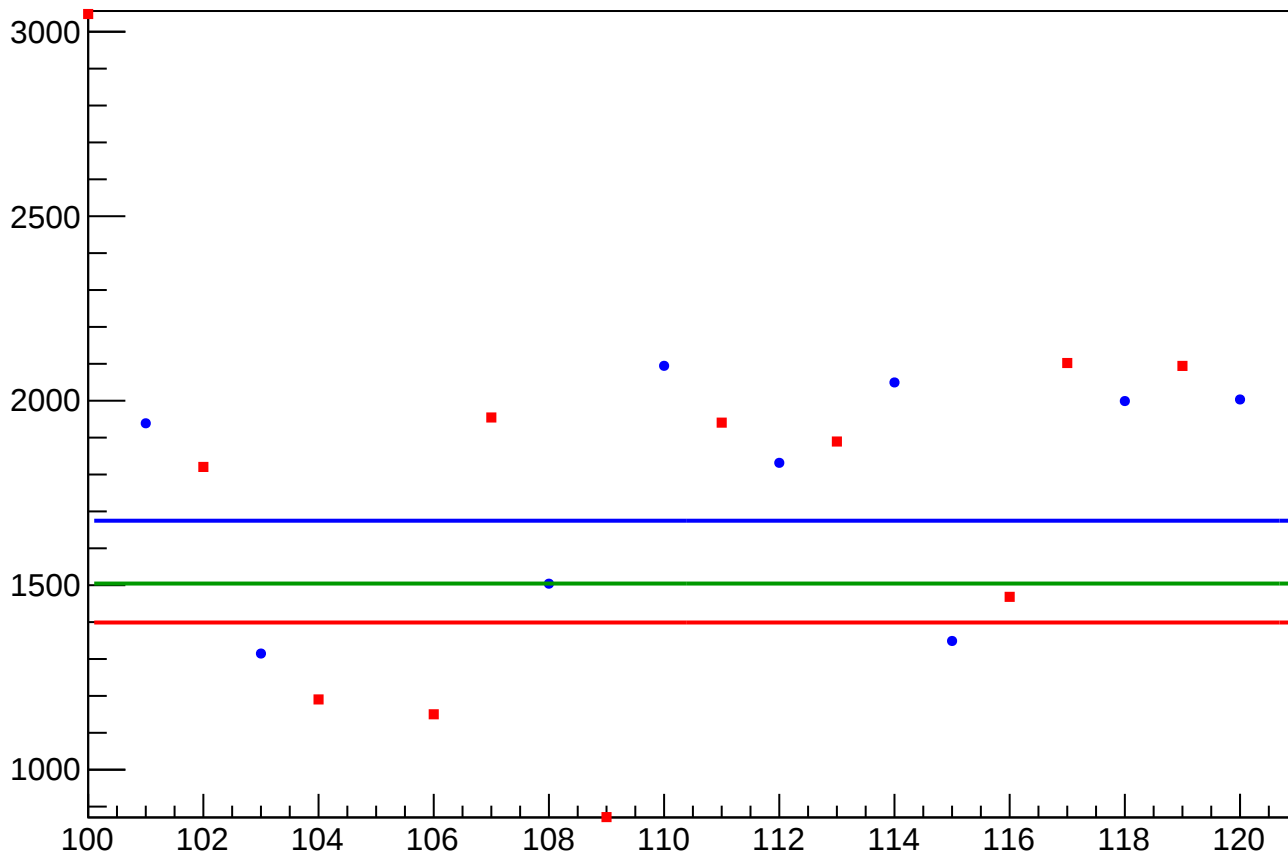
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-375.775+/-926.438 χ^2/NDF : 10.4/8

-1130.752+/-573.140 χ^2/NDF : 21.9/20

-1598.859+/-729.494 χ^2/NDF : 10.5/11

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 1674.787 ± 0.655 χ^2/NDF : 215093.5/8

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

Right Out: 1398.928 ± 0.516 χ^2/NDF : 773584.1/11

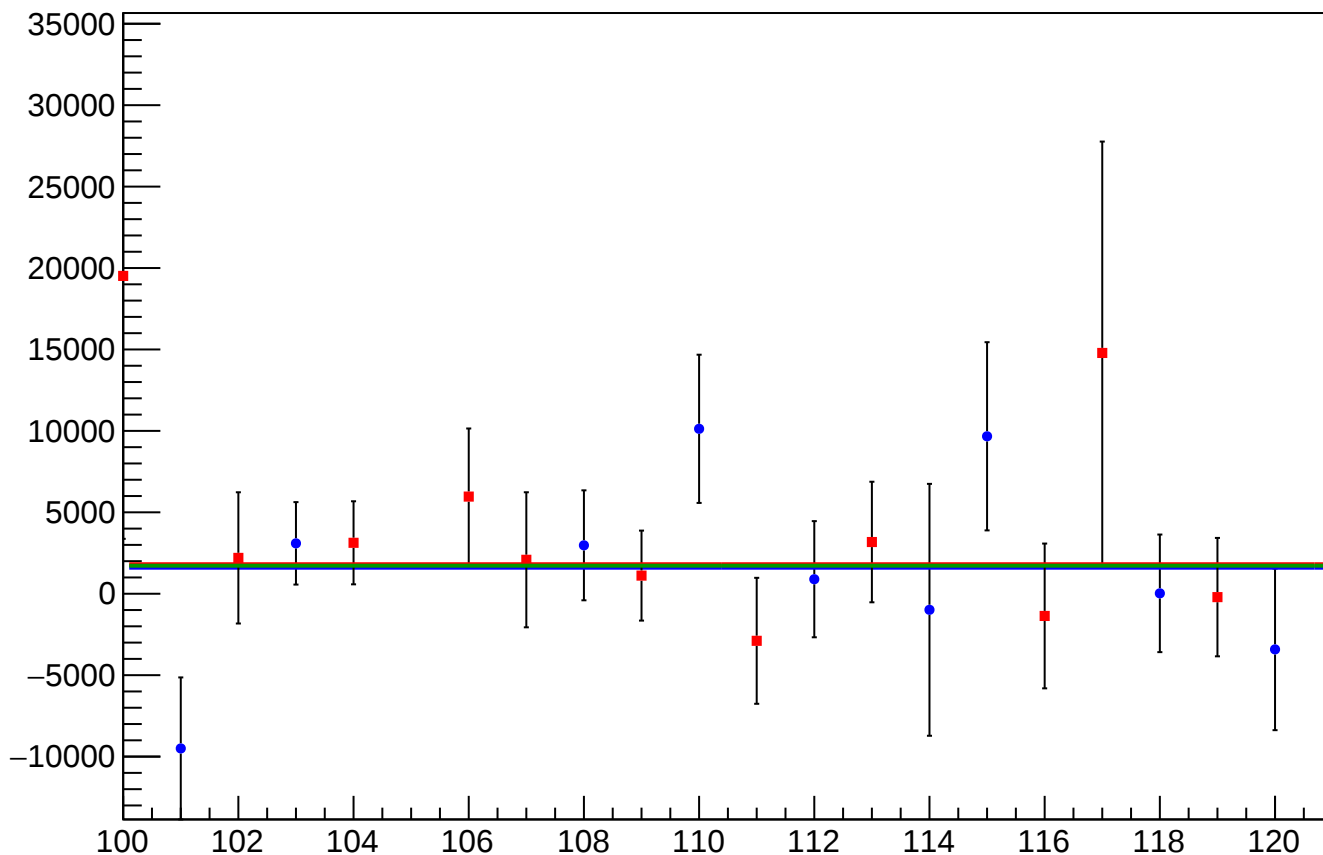
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1674.787 ± 0.655 χ^2/NDF : 215093.5/8

1504.507 ± 0.405 χ^2/NDF : 1098135.9/20

1398.928 ± 0.516 χ^2/NDF : 773584.1/11

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1600.020+/-1304.931 χ^2/NDF : 13.8/8

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

Right Out: 1811.791+/-1114.661 χ^2/NDF : 6.0/11

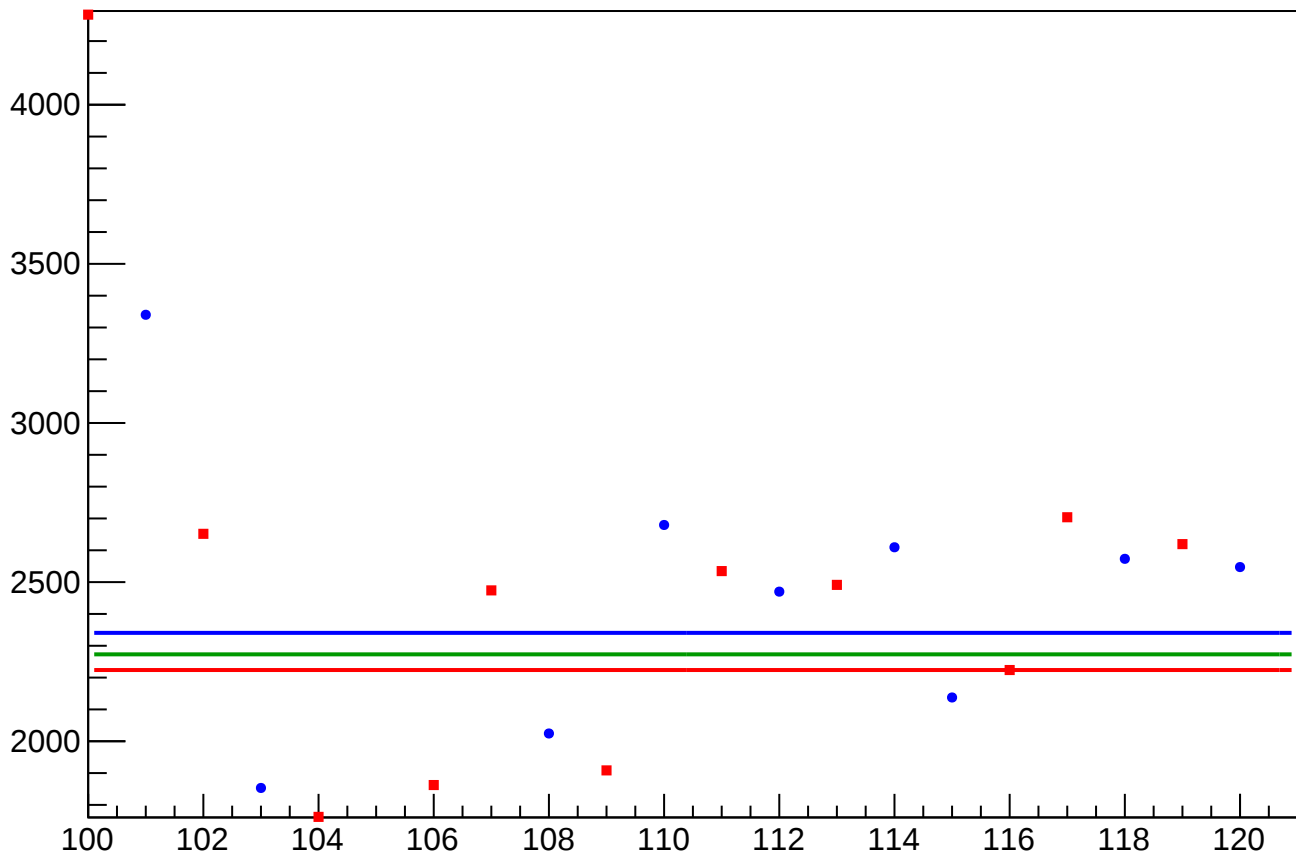
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1600.020+/-1304.931 χ^2/NDF : 13.8/8

1722.456+/-847.548 χ^2/NDF : 19.8/20

1811.791+/-1114.661 χ^2/NDF : 6.0/11

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2340.560+/-0.923 χ^2/NDF : 227097.2/8

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

Right Out: 2223.771+/-0.788 χ^2/NDF : 222256.4/11

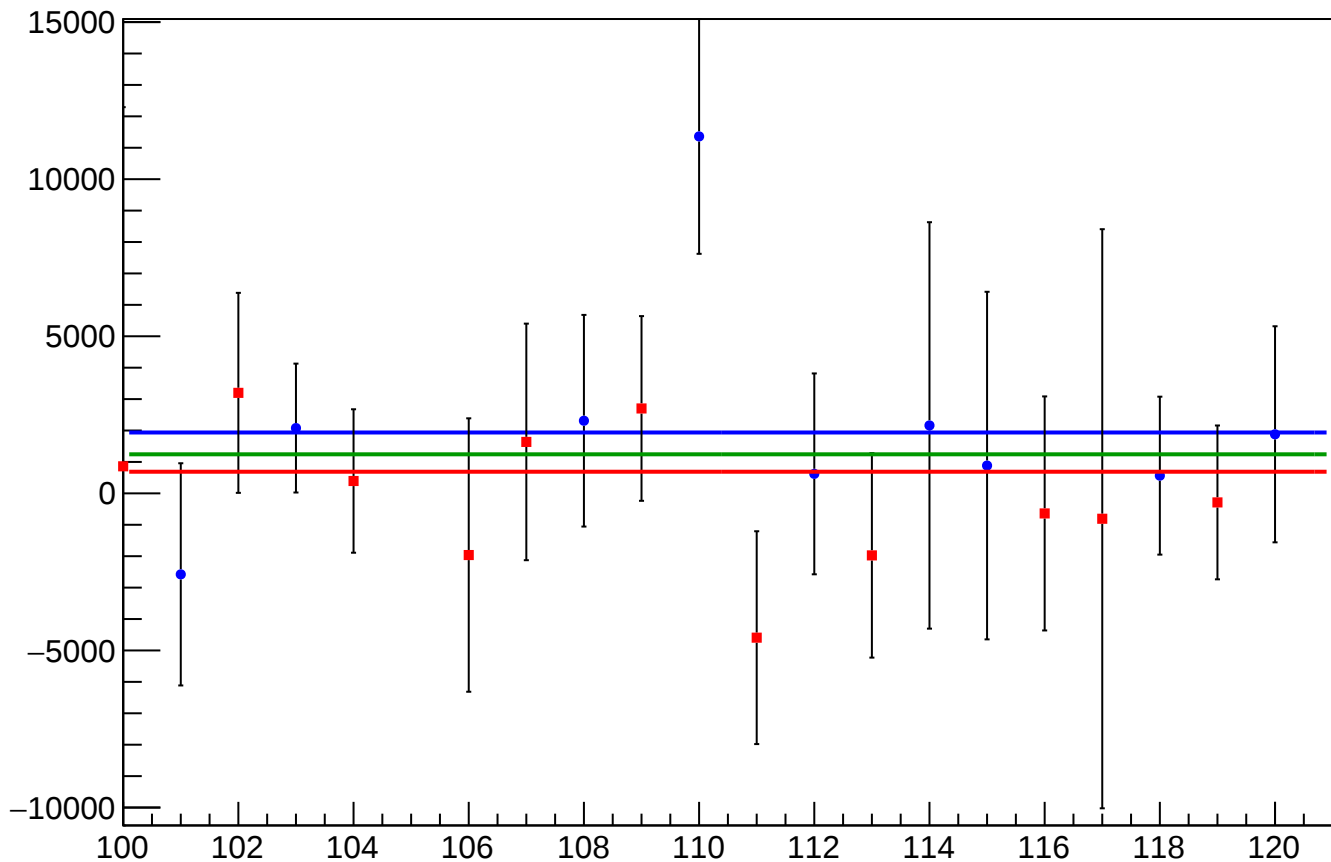
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2340.560+/-0.923 χ^2/NDF : 227097.2/8

2273.038+/-0.599 χ^2/NDF : 458615.7/20

2223.771+/-0.788 χ^2/NDF : 222256.4/11

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 1937.435+/-1069.223 χ^2/NDF : 8.5/8

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

Right Out: 688.481+/-955.571 χ^2/NDF : 8.2/11

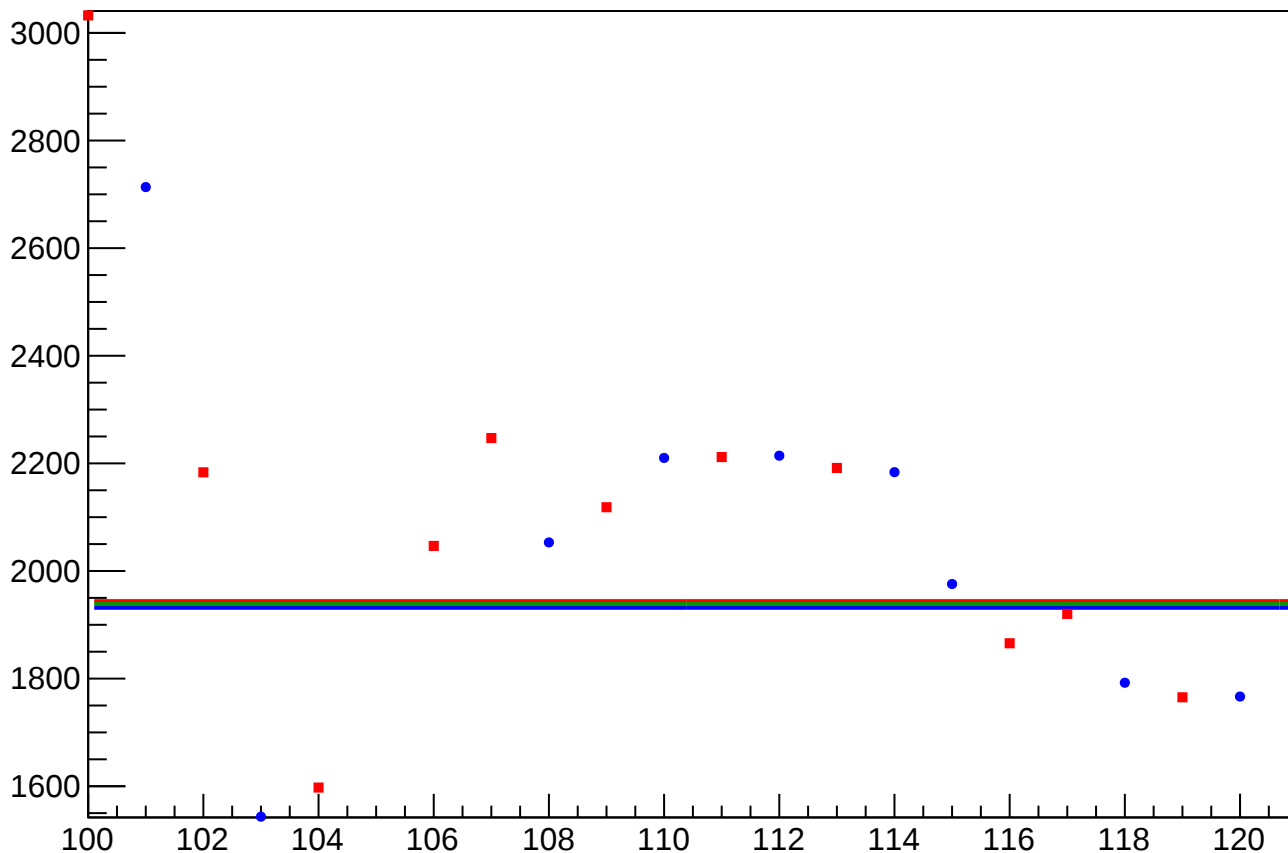
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1937.435+/-1069.223 χ^2/NDF : 8.5/8

1243.074+/-712.496 χ^2/NDF : 17.4/20

688.481+/-955.571 χ^2/NDF : 8.2/11

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1931.659+/-0.756 χ^2/NDF : 212675.3/8

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

Right Out: 1943.993+/-0.674 χ^2/NDF : 141603.4/11

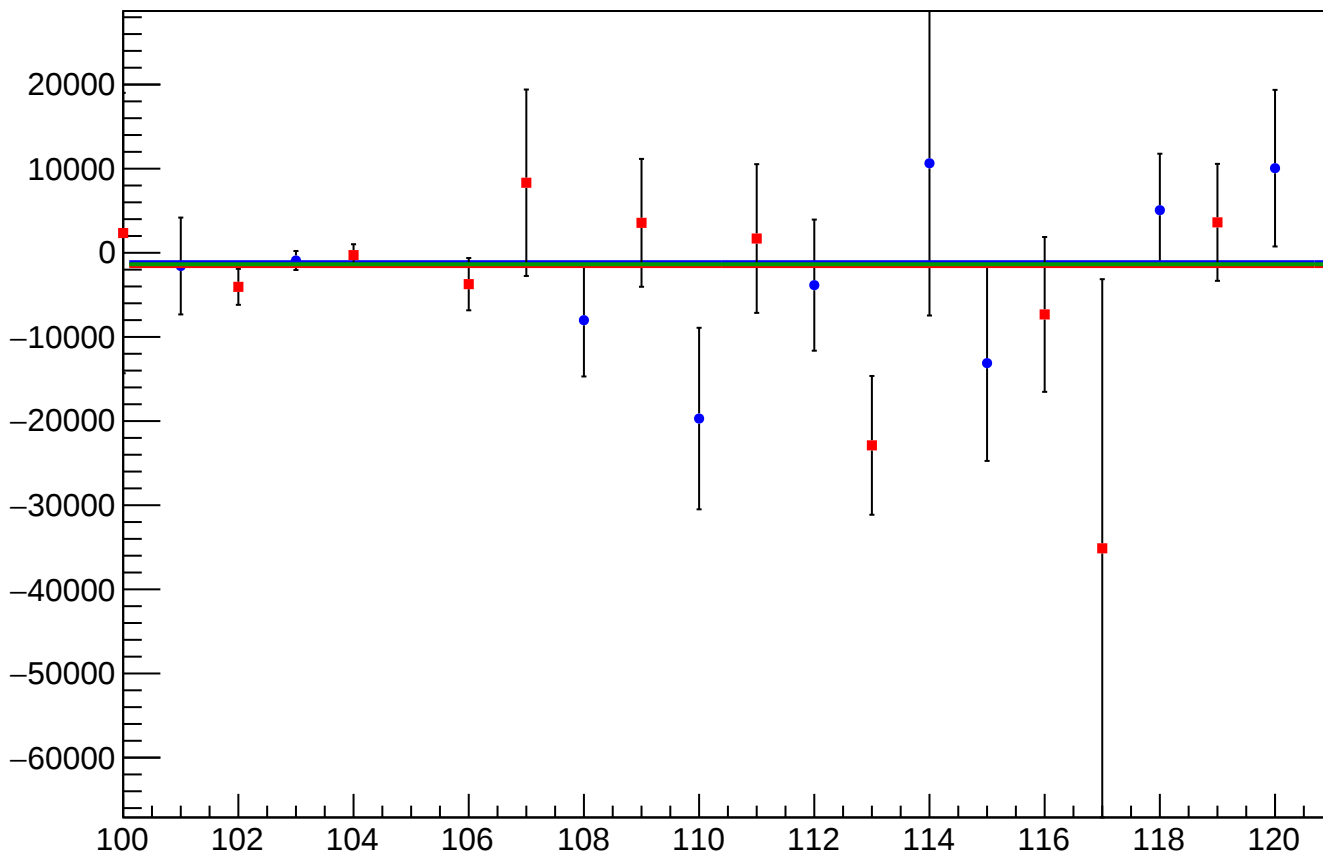
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1931.659+/-0.756 χ^2/NDF : 212675.3/8

1938.532+/-0.503 χ^2/NDF : 354426.9/20

1943.993+/-0.674 χ^2/NDF : 141603.4/11

asym_atl1r2_avg_correction_mean vs Slug, Sign Corrected



Right In: -1114.886+/-1050.313 χ^2 /NDF: 8.0/8

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

Right Out: -1576.769+/-985.884 χ^2 /NDF: 13.2/11

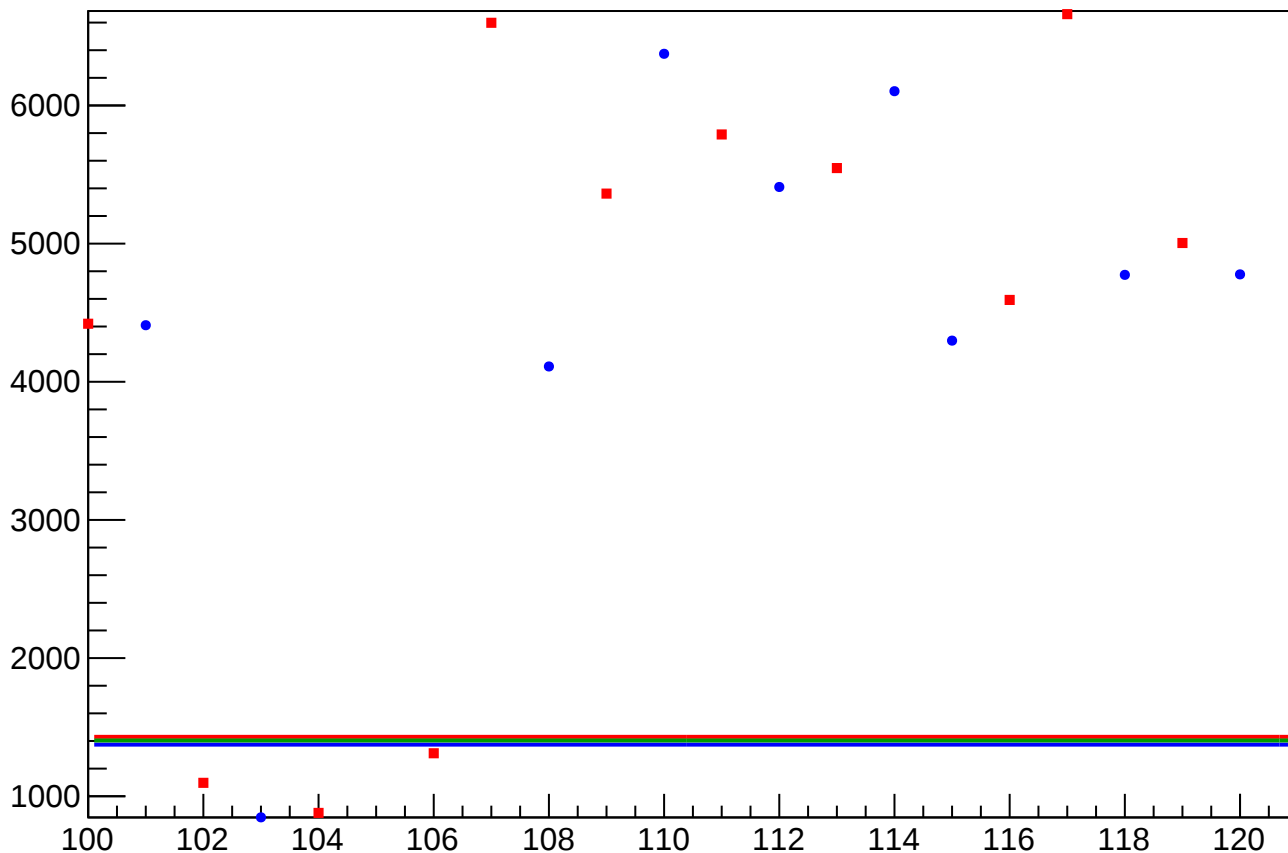
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1114.886+/-1050.313 χ^2 /NDF: 8.0/8

-1360.428+/-718.824 χ^2 /NDF: 21.3/20

-1576.769+/-985.884 χ^2 /NDF: 13.2/11

asym_atl1r2_avg_correction_rms vs Slug, Sign Corrected



Right In: 1373.765+/-0.743 χ^2/NDF : 3336645.9/8

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

Right Out: 1429.979+/-0.697 χ^2/NDF : 3590805.8/11

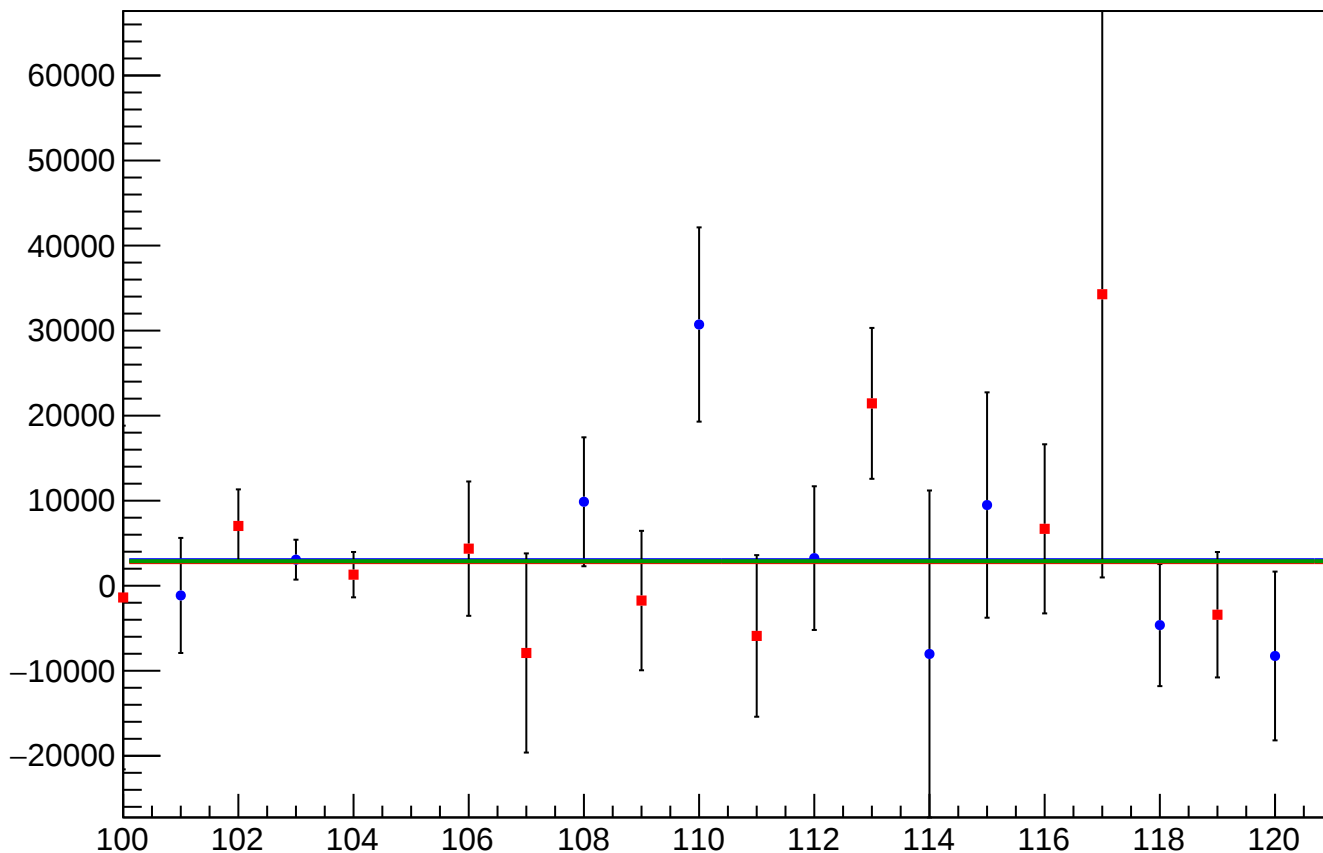
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1373.765+/-0.743 χ^2/NDF : 3336645.9/8

1403.649+/-0.508 χ^2/NDF : 6930497.4/20

1429.979+/-0.697 χ^2/NDF : 3590805.8/11

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 3004.102+/-1887.274 χ^2/NDF : 10.1/8

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

Right Out: 2774.302+/-1807.472 χ^2/NDF : 9.5/11

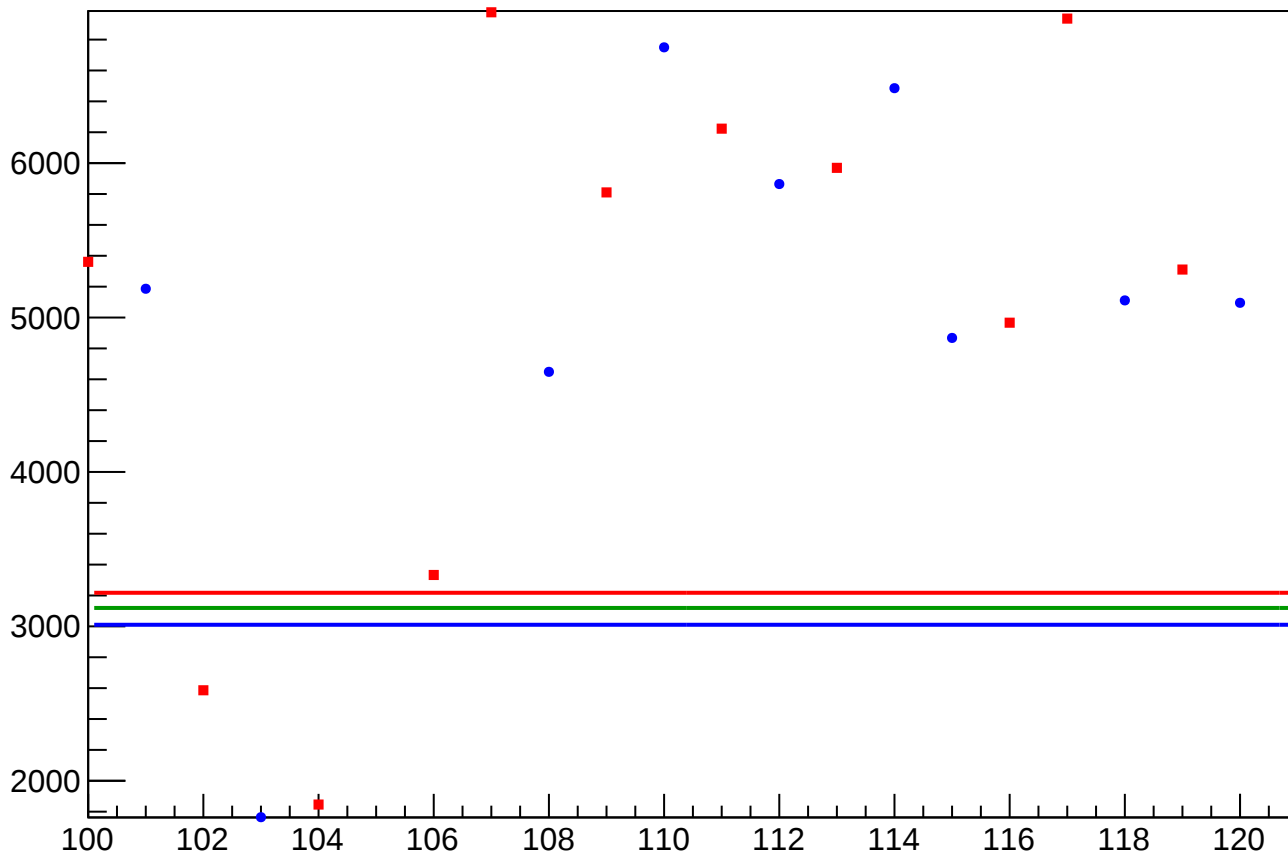
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3004.102+/-1887.274 χ^2/NDF : 10.1/8

2884.241+/-1305.376 χ^2/NDF : 19.6/20

2774.302+/-1807.472 χ^2/NDF : 9.5/11

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 3010.343+/-1.335 χ^2/NDF : 1672123.0/8

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

Right Out: 3217.536+/-1.267 χ^2/NDF : 1713463.4/11

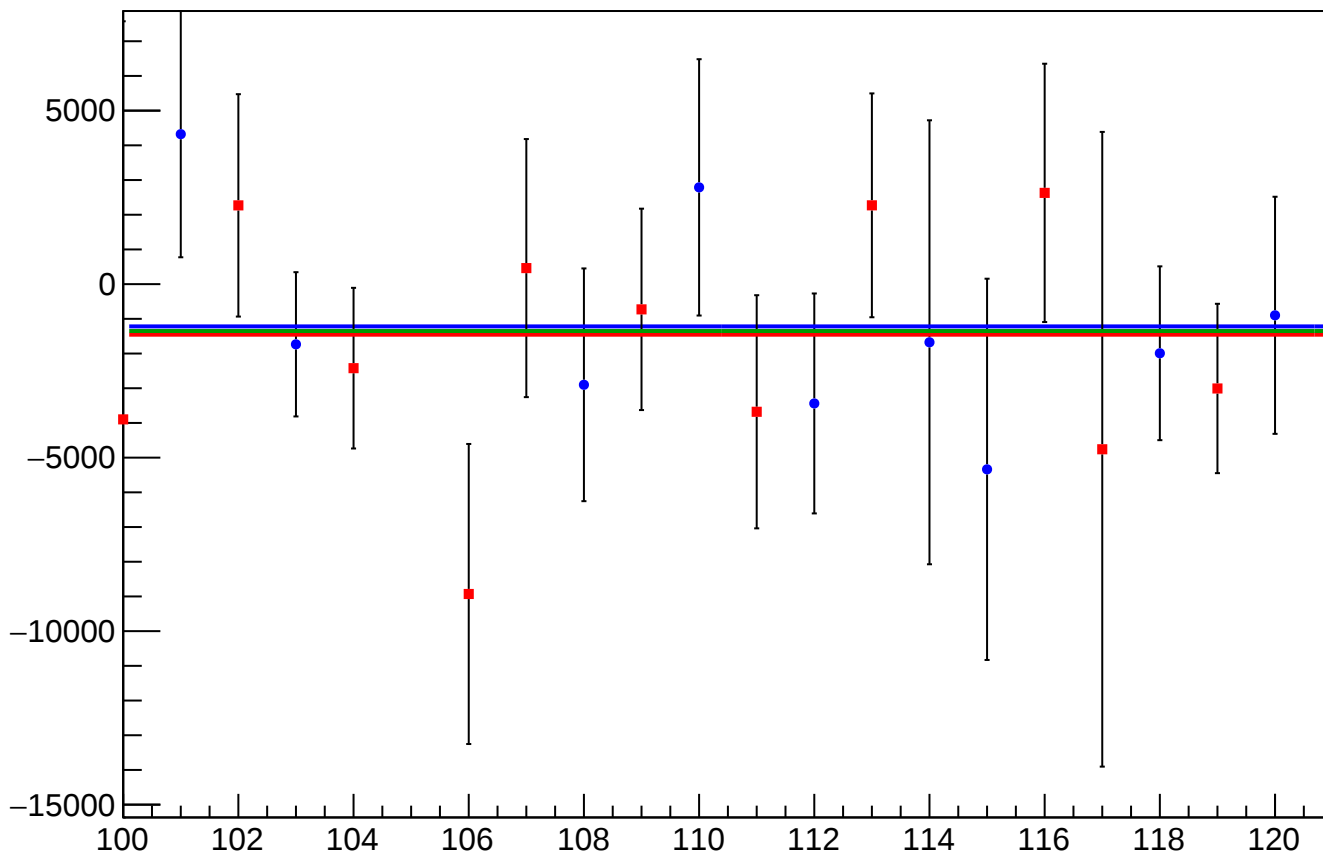
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3010.343+/-1.335 χ^2/NDF : 1672123.0/8

3119.283+/-0.919 χ^2/NDF : 3398260.6/20

3217.536+/-1.267 χ^2/NDF : 1713463.4/11

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1217.982+/-1068.853 χ^2/NDF : 5.1/8

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

Right Out: -1456.471+/-953.592 χ^2/NDF : 8.6/11

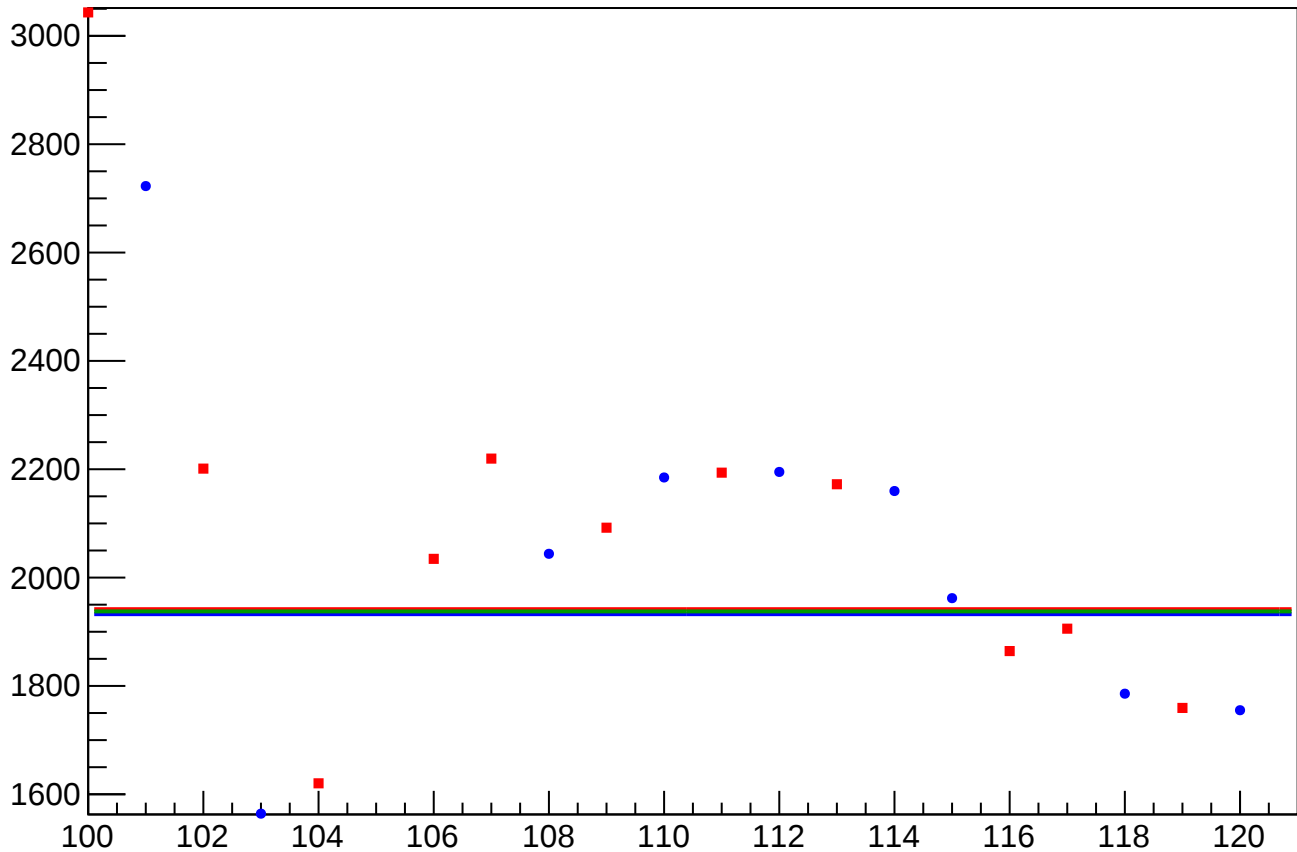
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1217.982+/-1068.853 χ^2/NDF : 5.1/8

-1350.775+/-711.565 χ^2/NDF : 13.7/20

-1456.471+/-953.592 χ^2/NDF : 8.6/11

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1932.511+/-0.756 χ^2/NDF : 202073.0/8

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

Right Out: 1941.653+/-0.673 χ^2/NDF : 131109.9/11

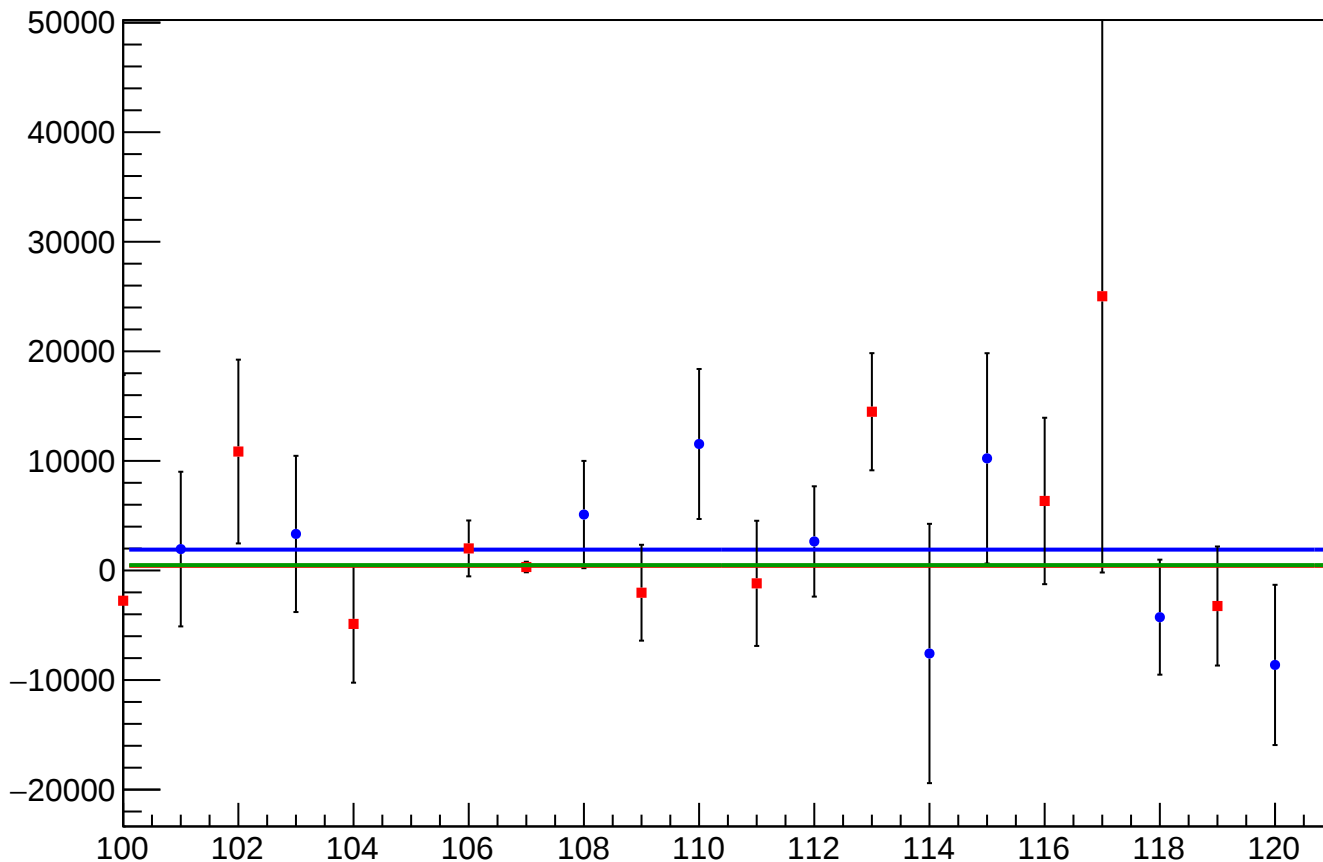
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1932.511+/-0.756 χ^2/NDF : 202073.0/8

1937.613+/-0.502 χ^2/NDF : 333264.5/20

1941.653+/-0.673 χ^2/NDF : 131109.9/11

asym_atl1r2_dd_correction_mean vs Slug, Sign Corrected



Right In: 1902.800+/-2155.246 χ^2/NDF : 7.3/8

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

Right Out: 422.897+/-460.543 χ^2/NDF : 12.5/11

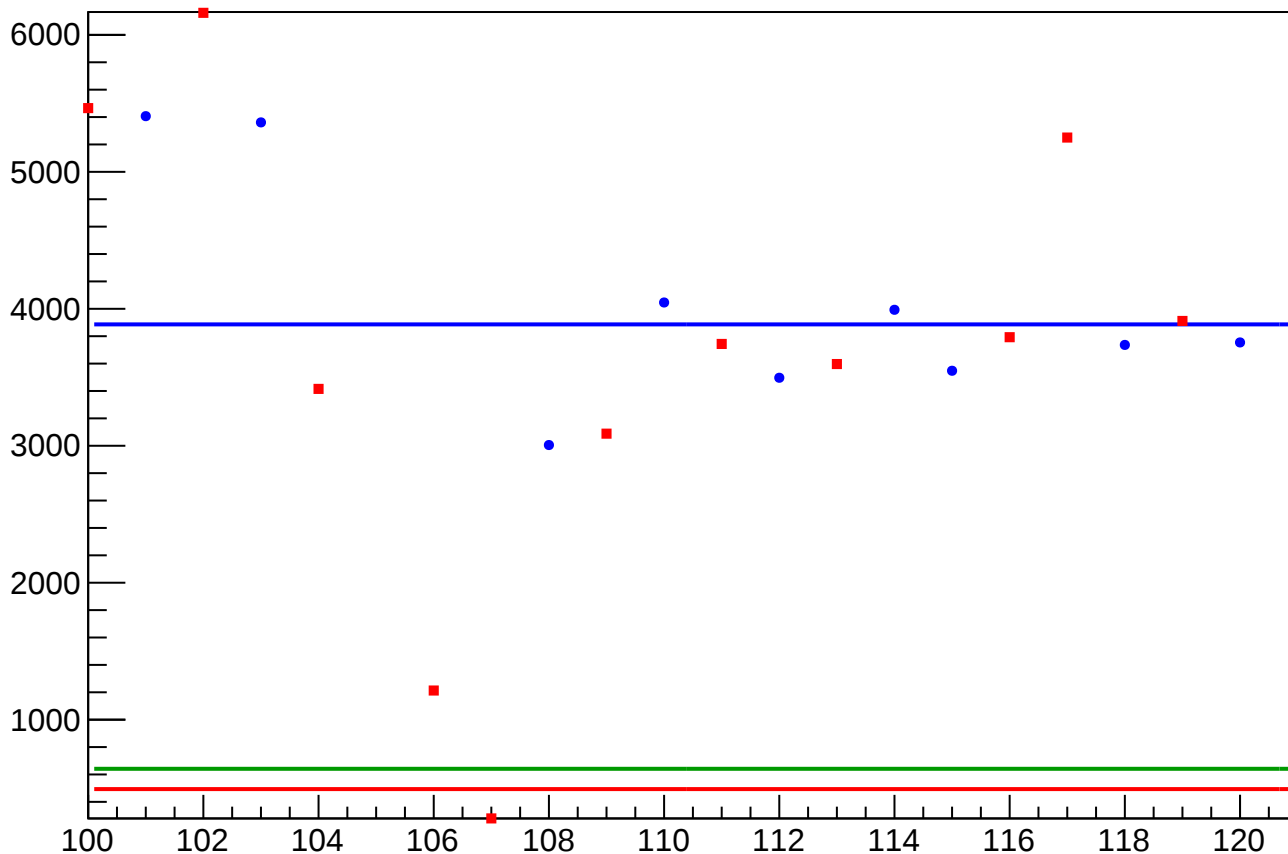
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1902.800+/-2155.246 χ^2/NDF : 7.3/8

487.521+/-450.376 χ^2/NDF : 20.2/20

422.897+/-460.543 χ^2/NDF : 12.5/11

asym_atl1r2_dd_correction_rms vs Slug, Sign Corrected



Right In: 3886.233 ± 1.524 χ^2/NDF : 261168.9/8

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

Right Out: 493.224 ± 0.326 χ^2/NDF : 6009036.6/11

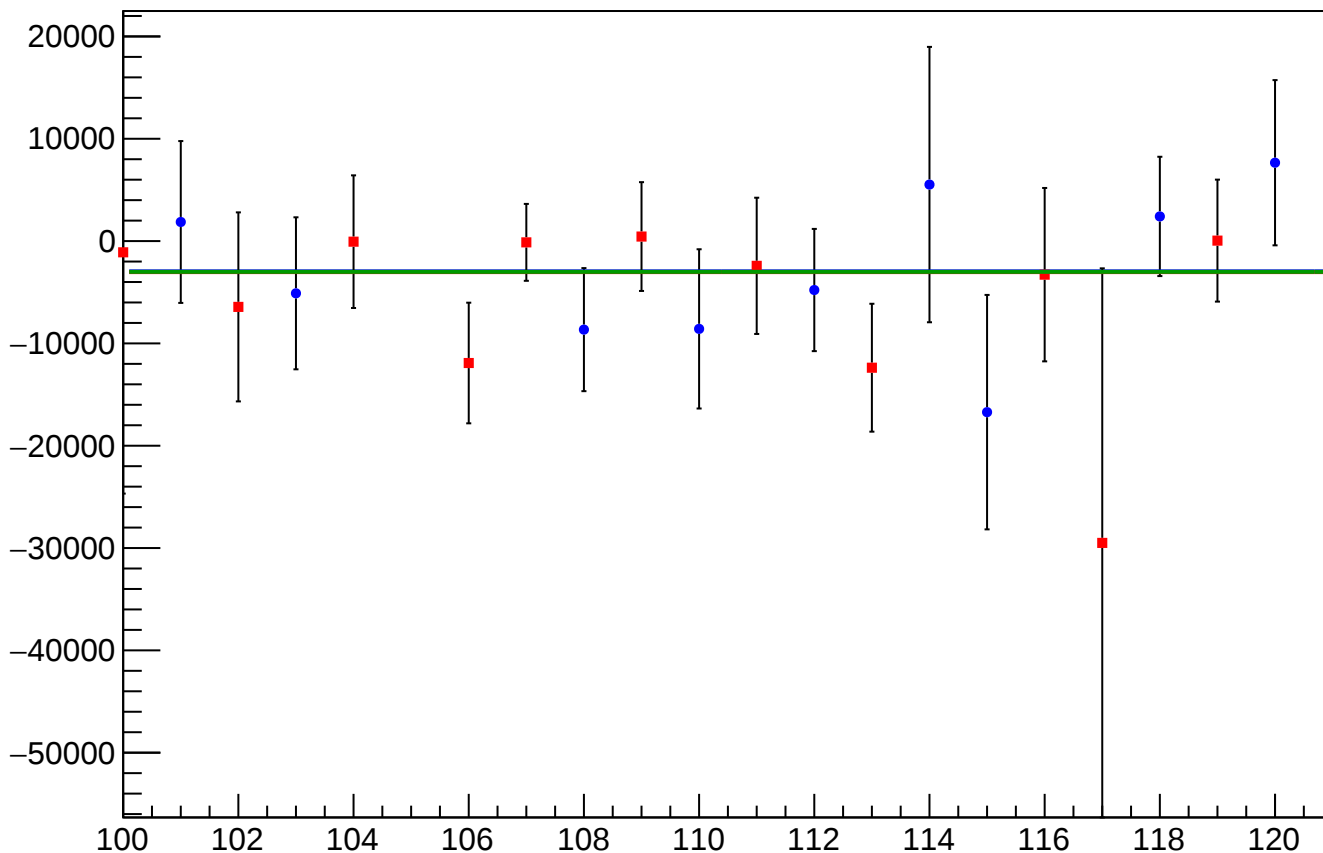
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

3886.233 ± 1.524 χ^2/NDF : 261168.9/8

641.387 ± 0.318 χ^2/NDF : 11010610.4/20

493.224 ± 0.326 χ^2/NDF : 6009036.6/11

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -2960.897+/-2467.756 χ^2 /NDF: 6.4/8

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

Right Out: -3030.796+/-1861.543 χ^2 /NDF: 7.3/11

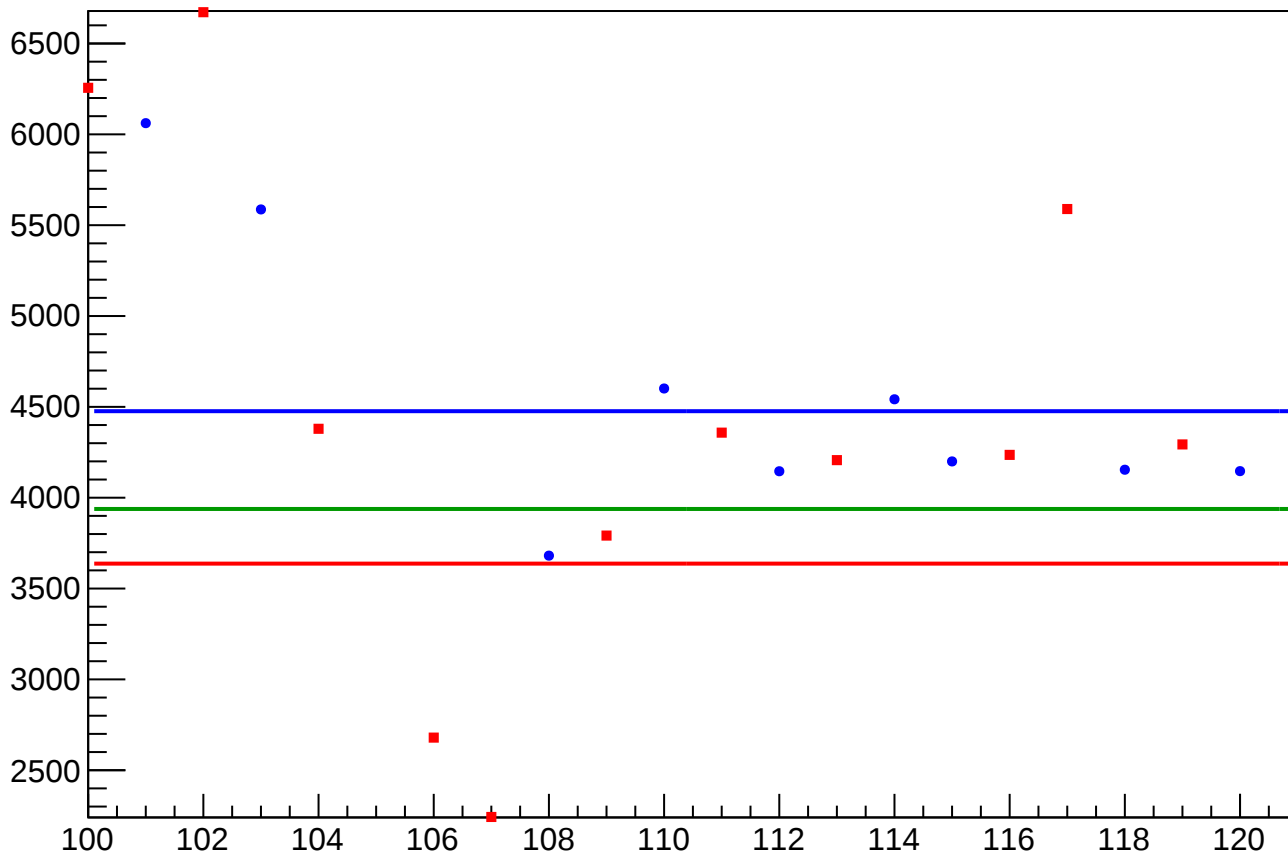
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-2960.897+/-2467.756 χ^2 /NDF: 6.4/8

-3005.446+/-1486.128 χ^2 /NDF: 13.7/20

-3030.796+/-1861.543 χ^2 /NDF: 7.3/11

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 4476.217+/-1.745 χ^2/NDF : 177338.4/8

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

Right Out: 3637.177+/-1.305 χ^2/NDF : 695721.1/11

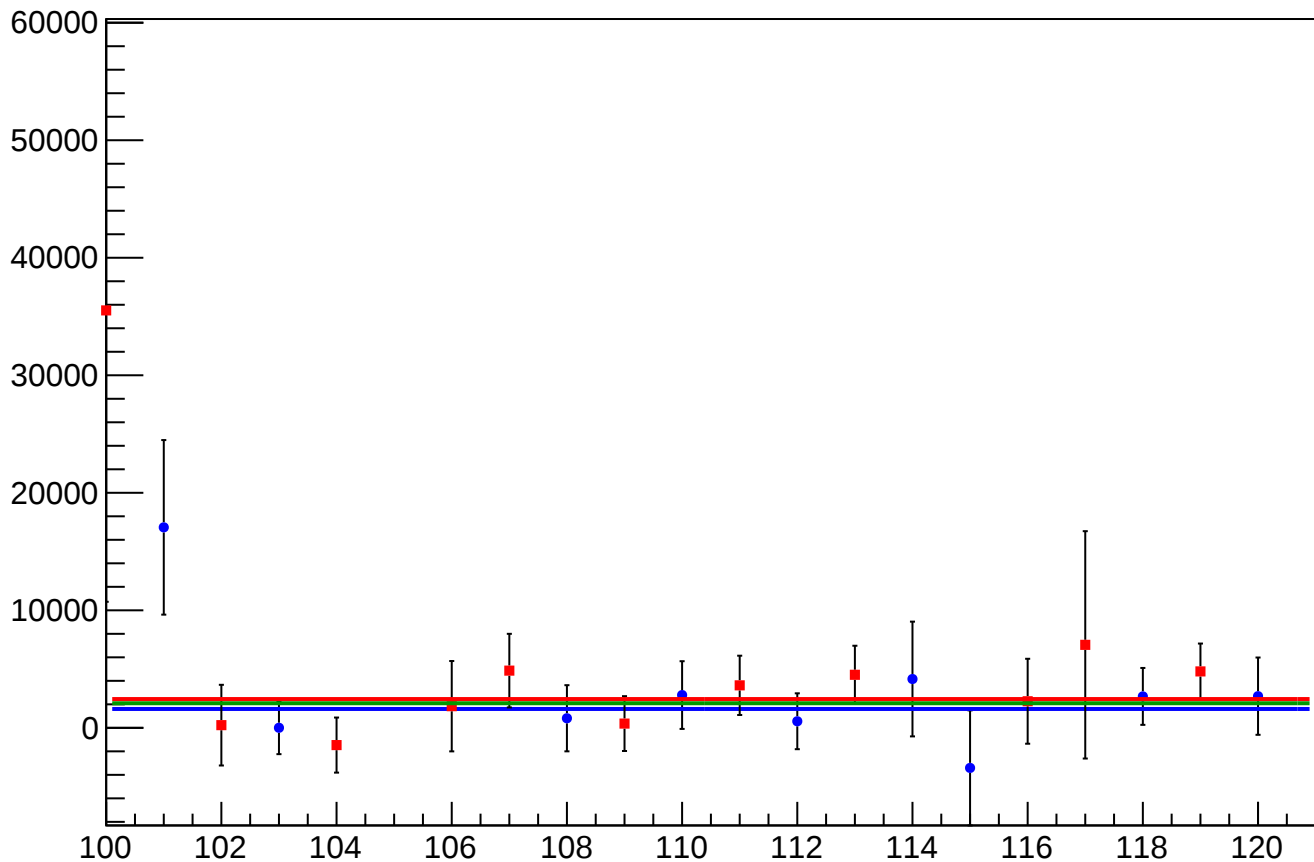
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4476.217+/-1.745 χ^2/NDF : 177338.4/8

3938.013+/-1.045 χ^2/NDF : 1021364.5/20

3637.177+/-1.305 χ^2/NDF : 695721.1/11

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1606.445+/-1006.375 χ^2/NDF : 6.9/8

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

Right Out: 2449.242+/-862.946 χ^2/NDF : 8.6/11

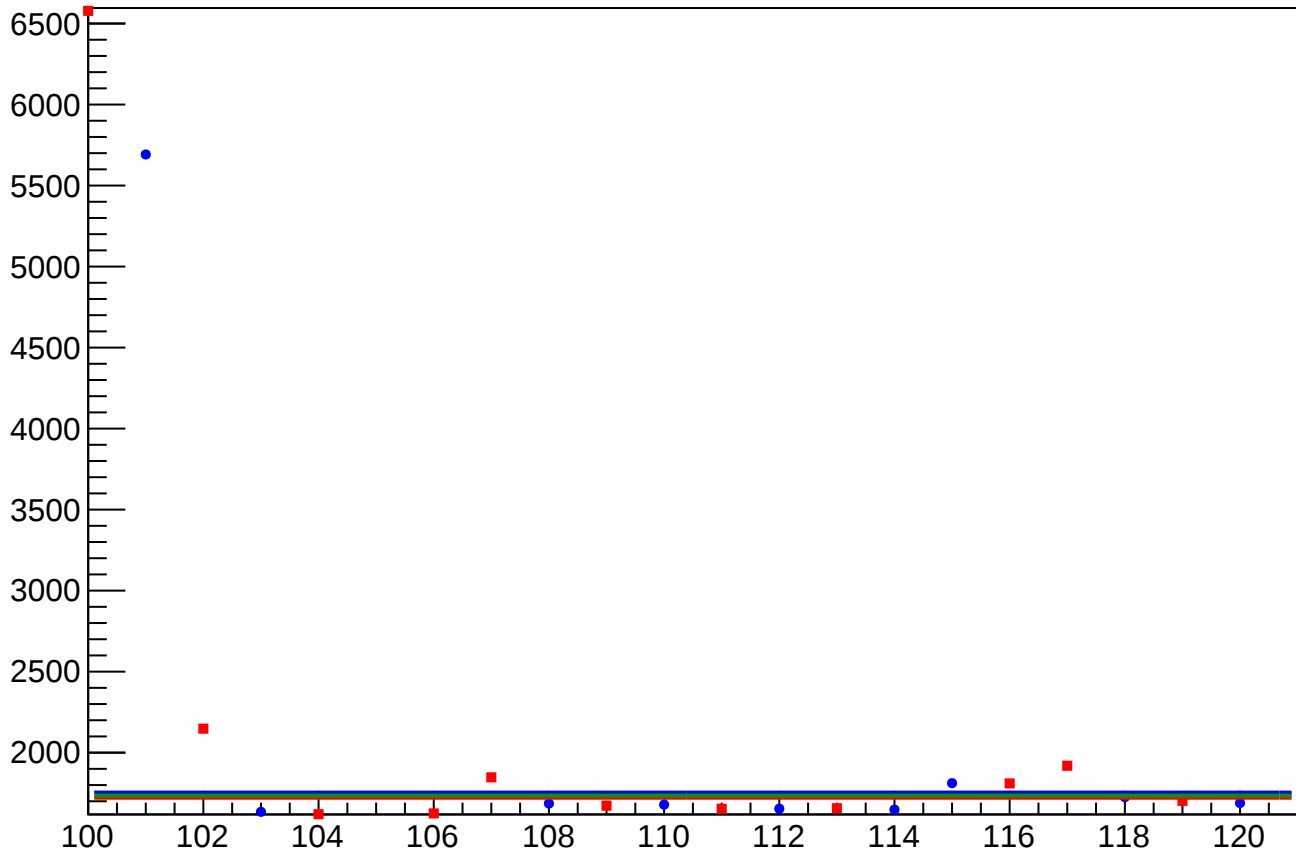
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1606.445+/-1006.375 χ^2/NDF : 6.9/8

2092.131+/-655.089 χ^2/NDF : 15.9/20

2449.242+/-862.946 χ^2/NDF : 8.6/11

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1753.515+/-0.712 χ^2/NDF : 576111.0/8

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

Right Out: 1721.758+/-0.604 χ^2/NDF : 122497.1/11

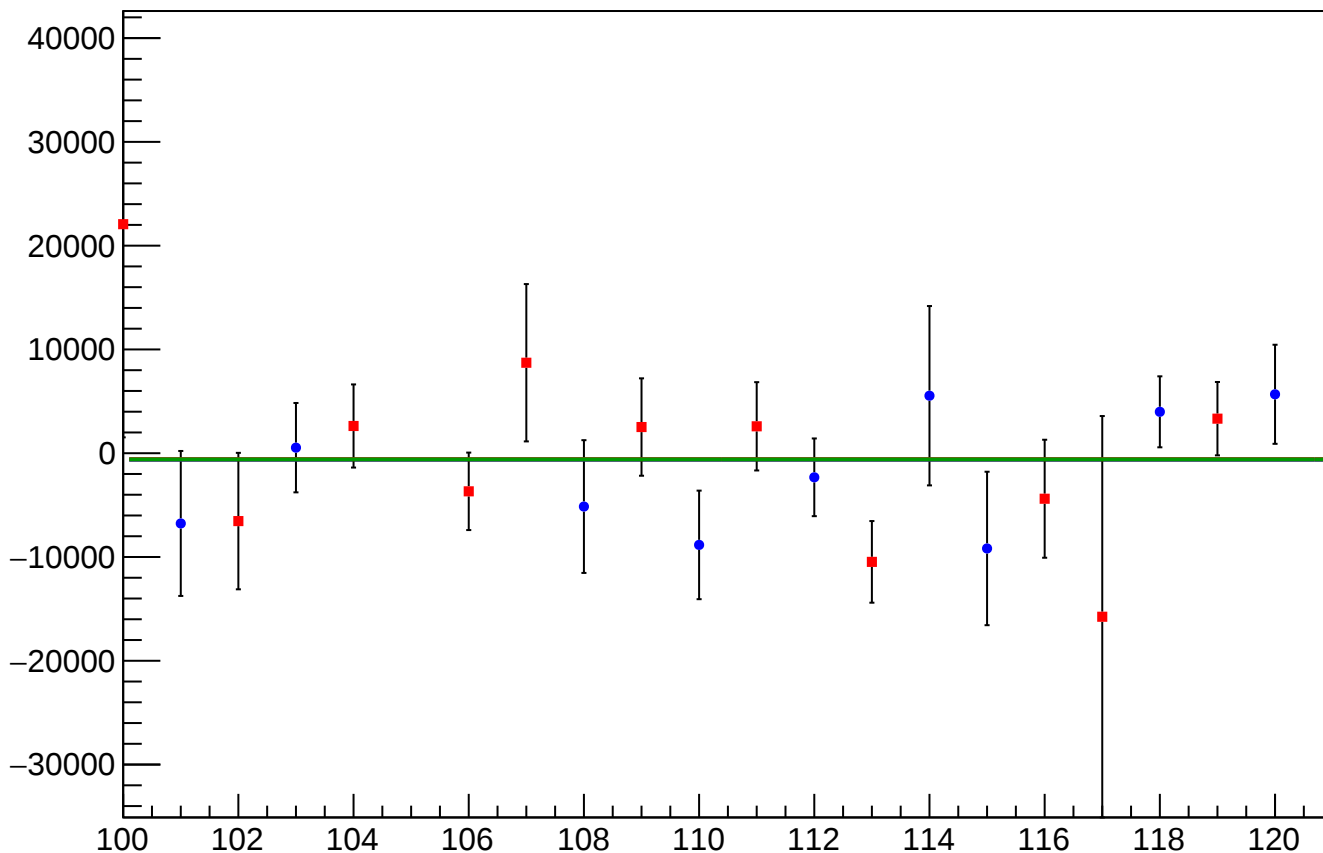
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1753.515+/-0.712 χ^2/NDF : 576111.0/8

1735.046+/-0.460 χ^2/NDF : 699766.4/20

1721.758+/-0.604 χ^2/NDF : 122497.1/11

asym_atr1l2_avg_correction_mean vs Slug, Sign Corrected



Right In: -618.340+/-1648.739 χ^2/NDF : 9.4/8

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

Right Out: -579.433+/-1375.168 χ^2/NDF : 14.6/11

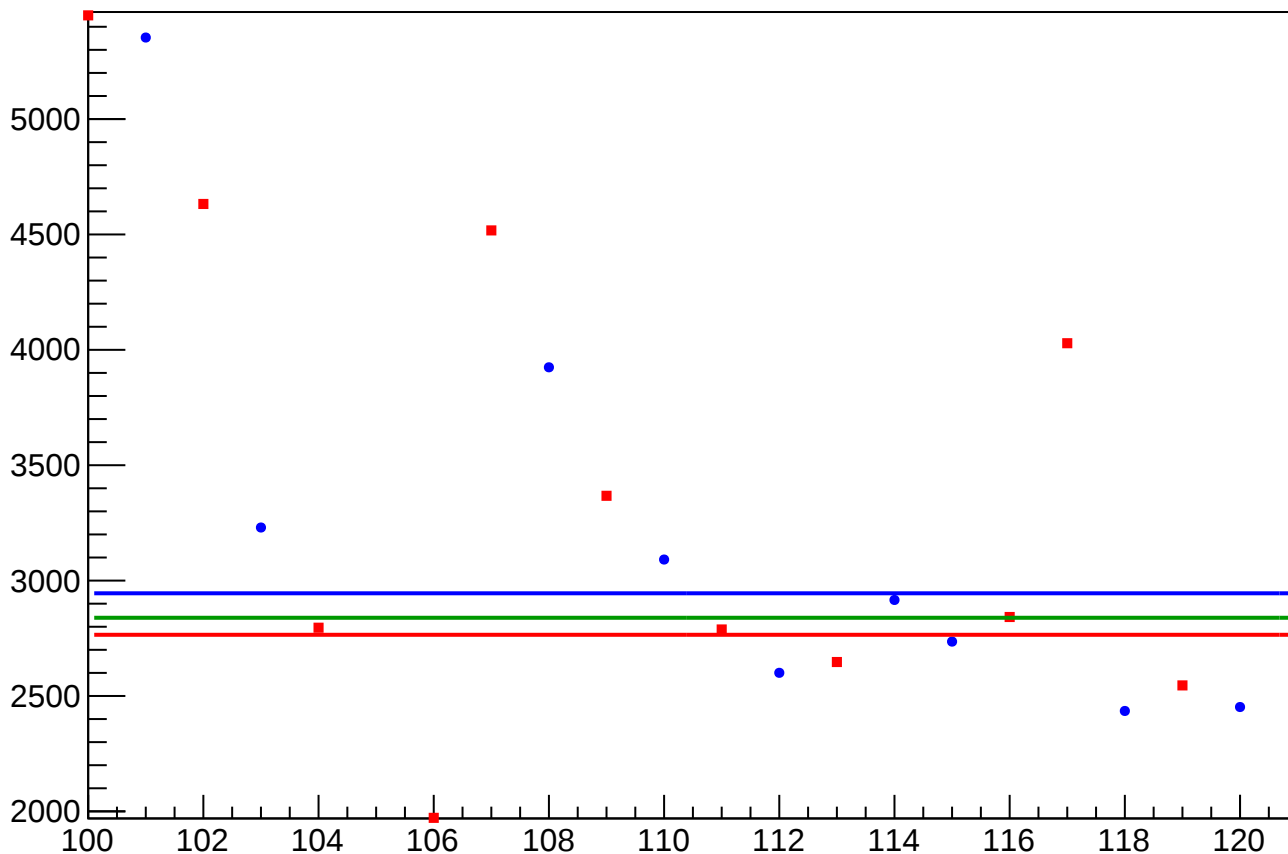
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-618.340+/-1648.739 χ^2/NDF : 9.4/8

-595.395+/-1056.049 χ^2/NDF : 24.1/20

-579.433+/-1375.168 χ^2/NDF : 14.6/11

asym_atr1l2_avg_correction_rms vs Slug, Sign Corrected



Right In: 2944.981+/-1.166 χ^2/NDF : 379363.0/8

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

Right Out: 2765.142+/-0.972 χ^2/NDF : 476424.3/11

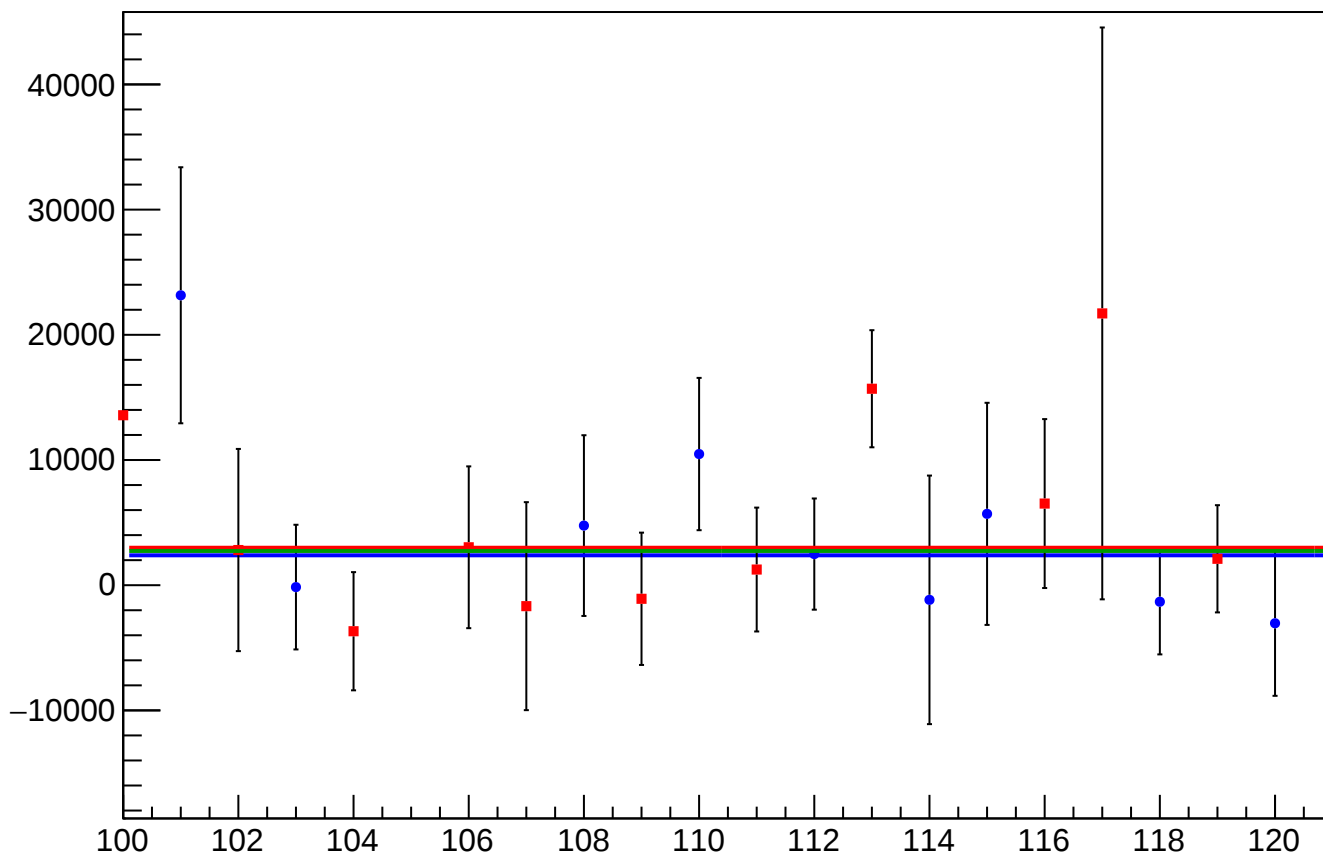
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2944.981+/-1.166 χ^2/NDF : 379363.0/8

2838.924+/-0.747 χ^2/NDF : 869820.3/20

2765.142+/-0.972 χ^2/NDF : 476424.3/11

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 2387.700+/-1976.420 χ^2/NDF : 8.2/8

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

Right Out: 2991.616+/-1696.217 χ^2/NDF : 11.6/11

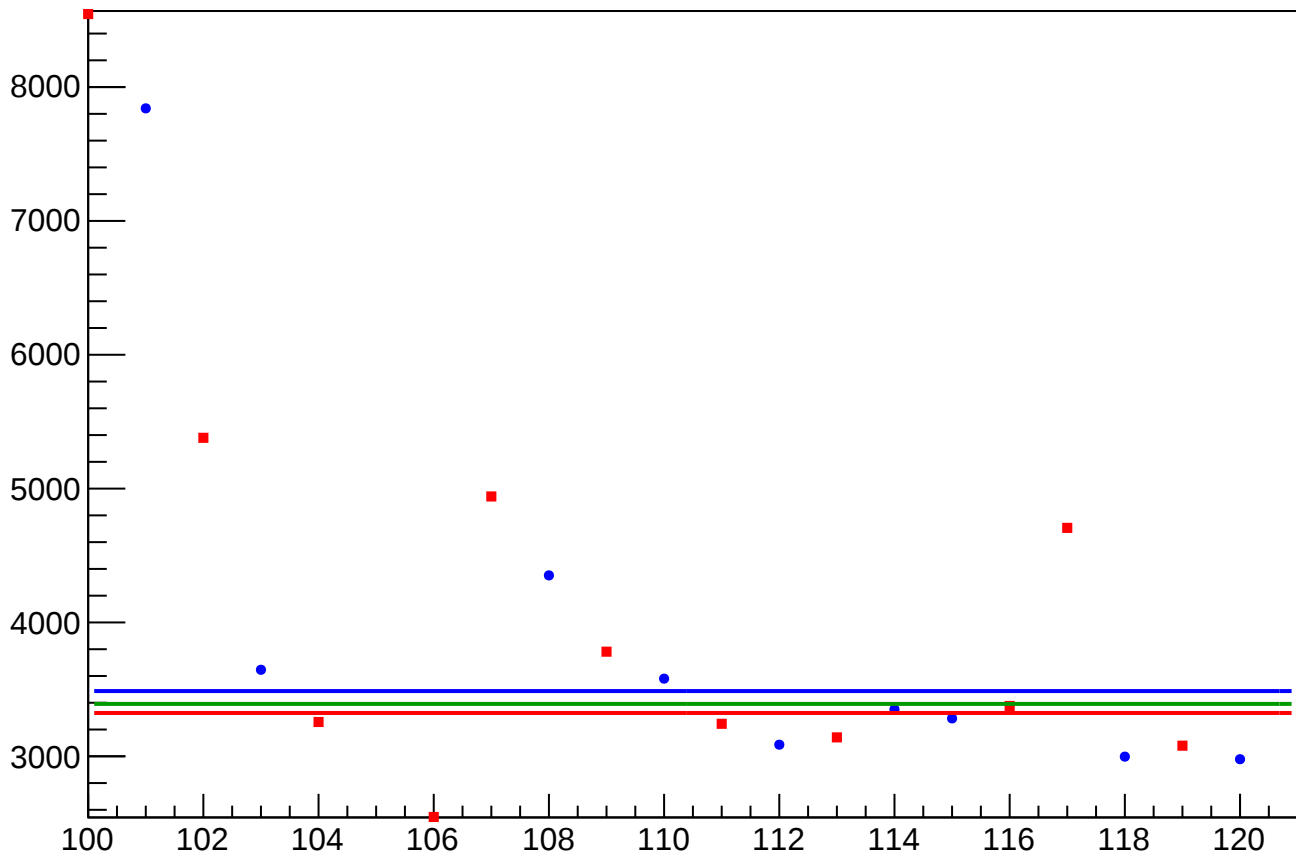
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2387.700+/-1976.420 χ^2/NDF : 8.2/8

2735.467+/-1287.174 χ^2/NDF : 19.8/20

2991.616+/-1696.217 χ^2/NDF : 11.6/11

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 3487.363+/-1.398 χ^2/NDF : 454040.1/8

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

Right Out: 3323.634+/-1.174 χ^2/NDF : 358579.3/11

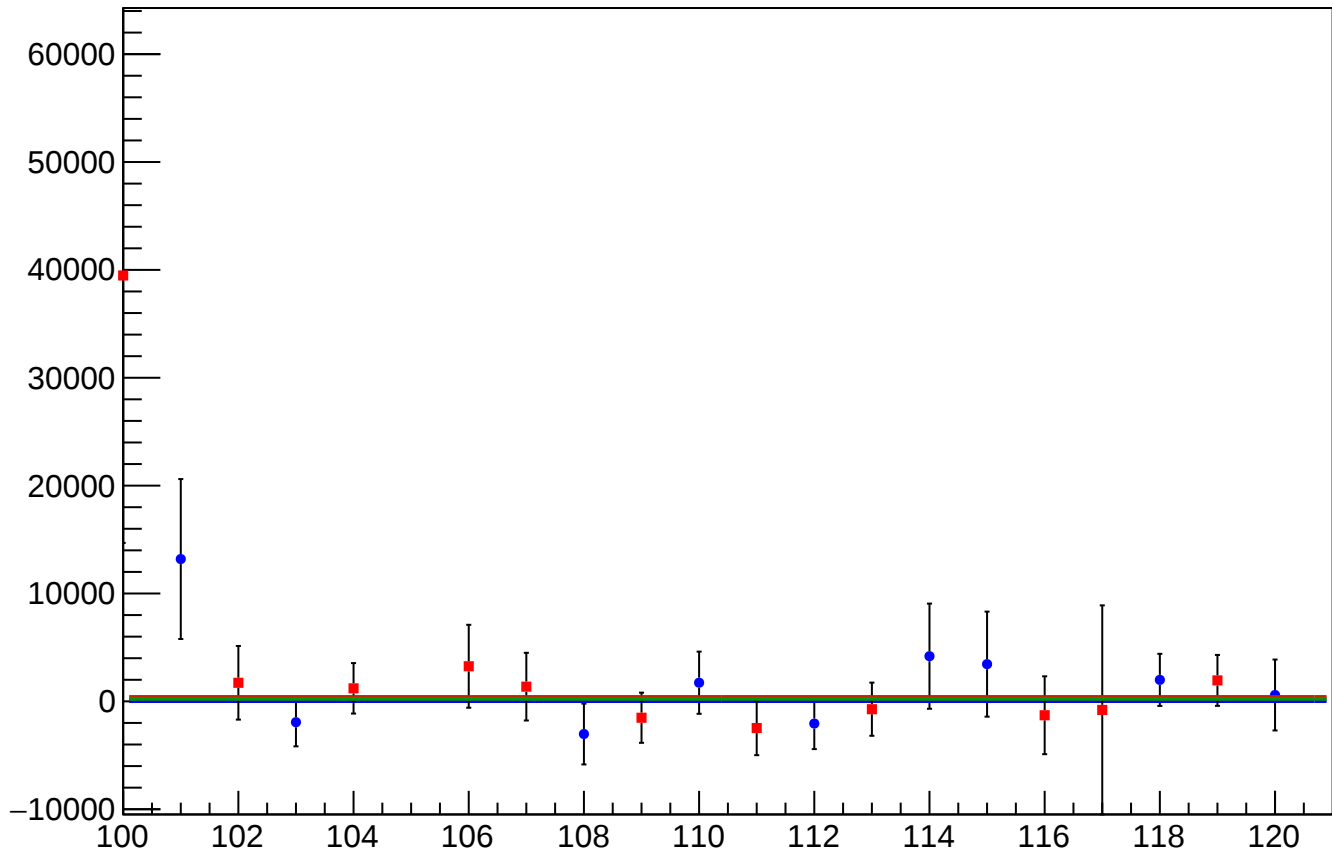
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3487.363+/-1.398 χ^2/NDF : 454040.1/8

3391.404+/-0.899 χ^2/NDF : 820663.8/20

3323.634+/-1.174 χ^2/NDF : 358579.3/11

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 33.715+/-1004.950 χ^2/NDF : 8.1/8

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

Right Out: 396.803+/-860.808 χ^2/NDF : 6.7/11

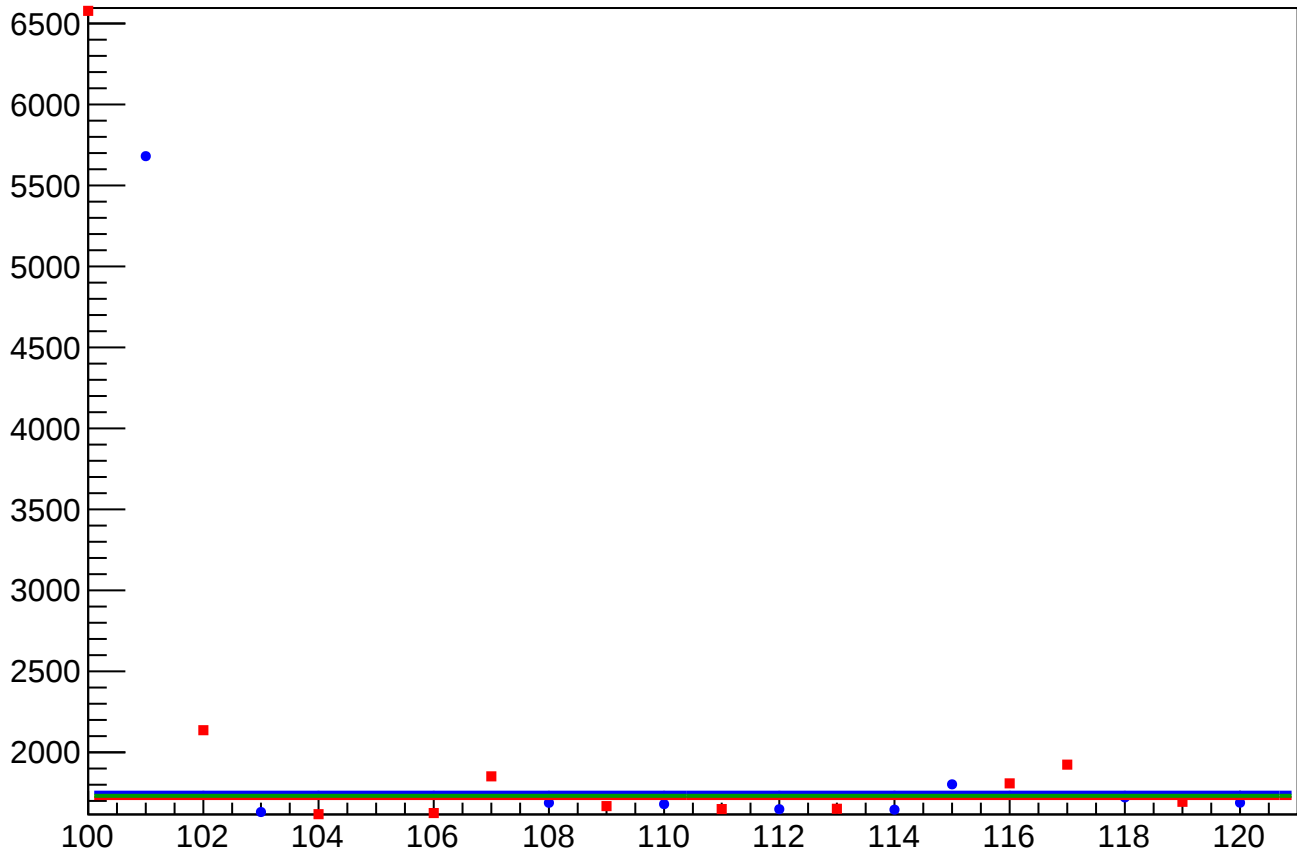
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

33.715+/-1004.950 χ^2/NDF : 8.1/8

243.144+/-653.760 χ^2/NDF : 14.9/20

396.803+/-860.808 χ^2/NDF : 6.7/11

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1751.036+/-0.711 χ^2 /NDF: 575727.2/8

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

Right Out: 1717.635+/-0.602 χ^2 /NDF: 122376.7/11

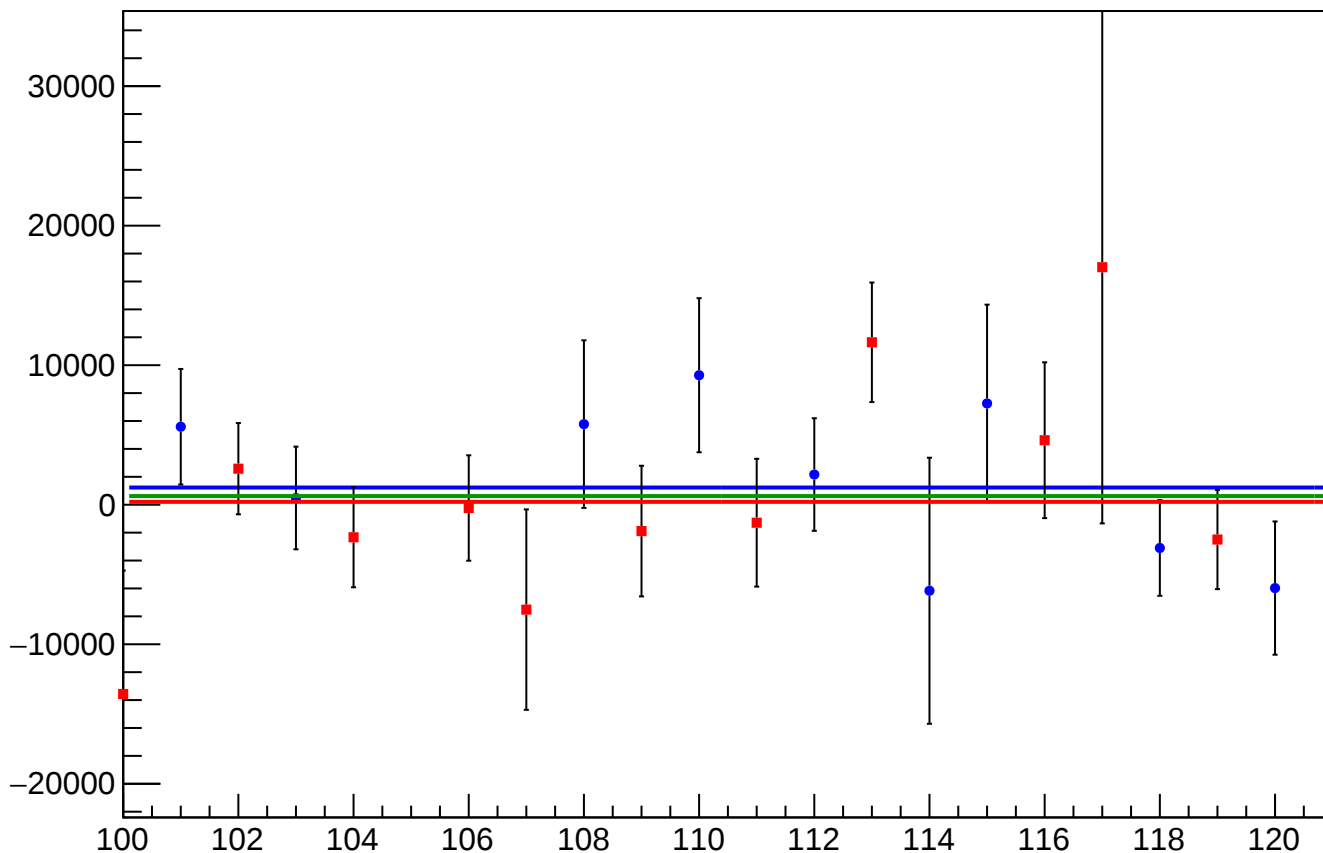
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

1751.036+/-0.711 χ^2 /NDF: 575727.2/8

1731.594+/-0.459 χ^2 /NDF: 699389.9/20

1717.635+/-0.602 χ^2 /NDF: 122376.7/11

asym_atr1l2_dd_correction_mean vs Slug, Sign Corrected



Right In: 1233.542 $\pm$ 1554.172 χ^2 /NDF: 9.1/8

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

Right Out: 206.573 $\pm$ 1275.596 χ^2 /NDF: 14.2/11

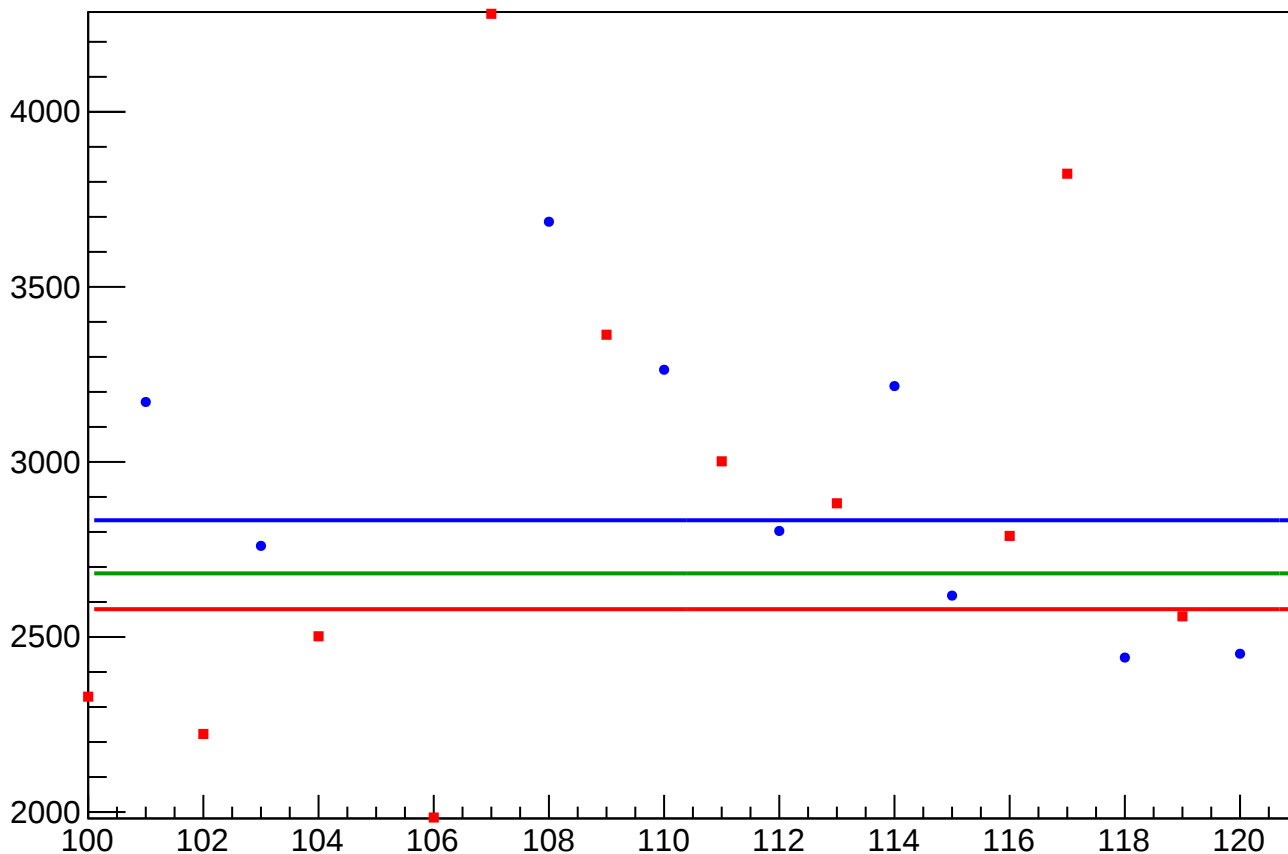
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

1233.542 $\pm$ 1554.172 χ^2 /NDF: 9.1/8

619.928 $\pm$ 986.012 χ^2 /NDF: 23.6/20

206.573 $\pm$ 1275.596 χ^2 /NDF: 14.2/11

asym_atr1l2_dd_correction_rms vs Slug, Sign Corrected



Right In: 2833.429+/-1.099 χ^2/NDF : 110639.0/8

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

Right Out: 2579.462+/-0.902 χ^2/NDF : 305731.1/11

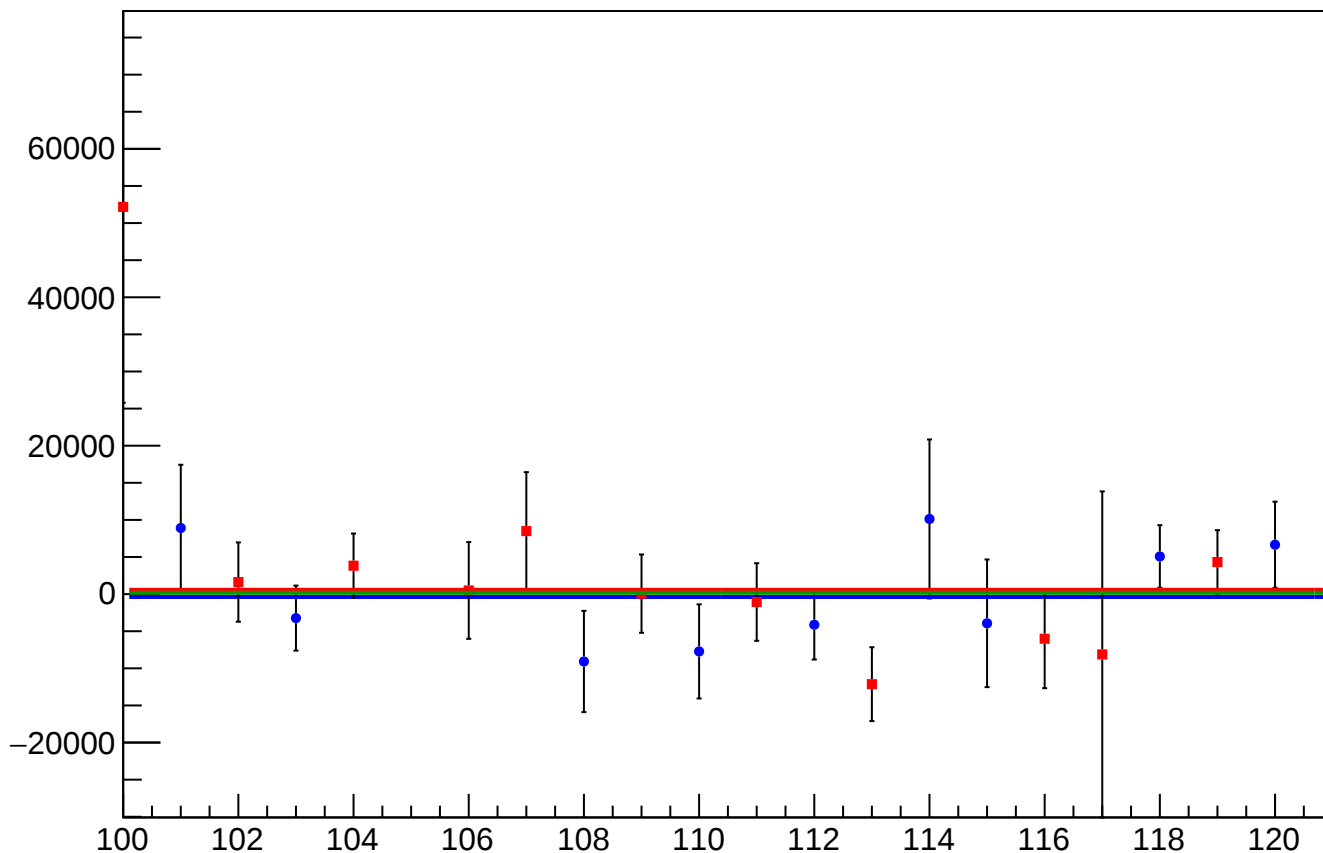
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2833.429+/-1.099 χ^2/NDF : 110639.0/8

2681.684+/-0.697 χ^2/NDF : 448279.8/20

2579.462+/-0.902 χ^2/NDF : 305731.1/11

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -380.869+/-1938.799 χ^2/NDF : 9.5/8

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

Right Out: 583.692+/-1642.762 χ^2/NDF : 14.4/11

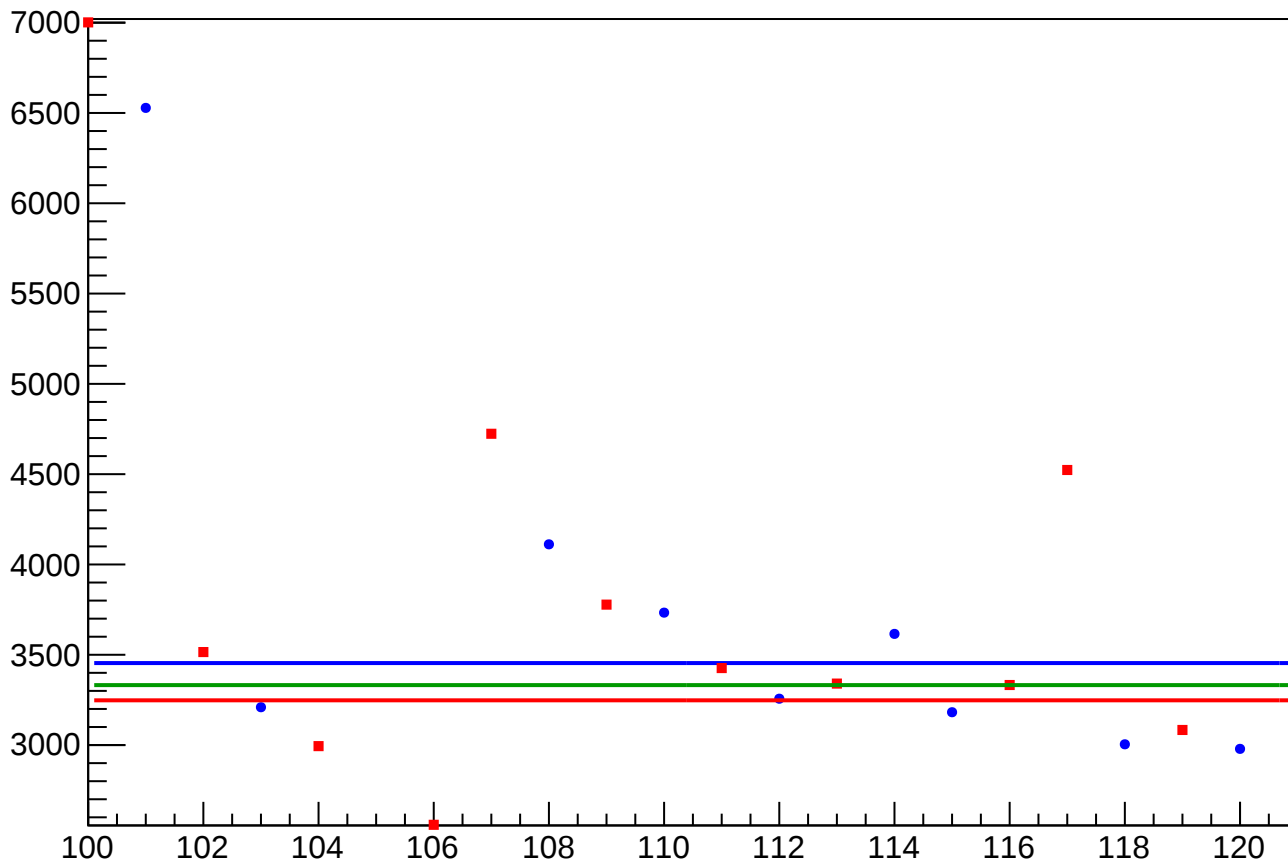
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-380.869+/-1938.799 χ^2/NDF : 9.5/8

180.597+/-1253.348 χ^2/NDF : 24.1/20

583.692+/-1642.762 χ^2/NDF : 14.4/11

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3454.072+/-1.371 χ^2/NDF : 331468.3/8

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

Right Out: 3247.793+/-1.139 χ^2/NDF : 212591.1/11

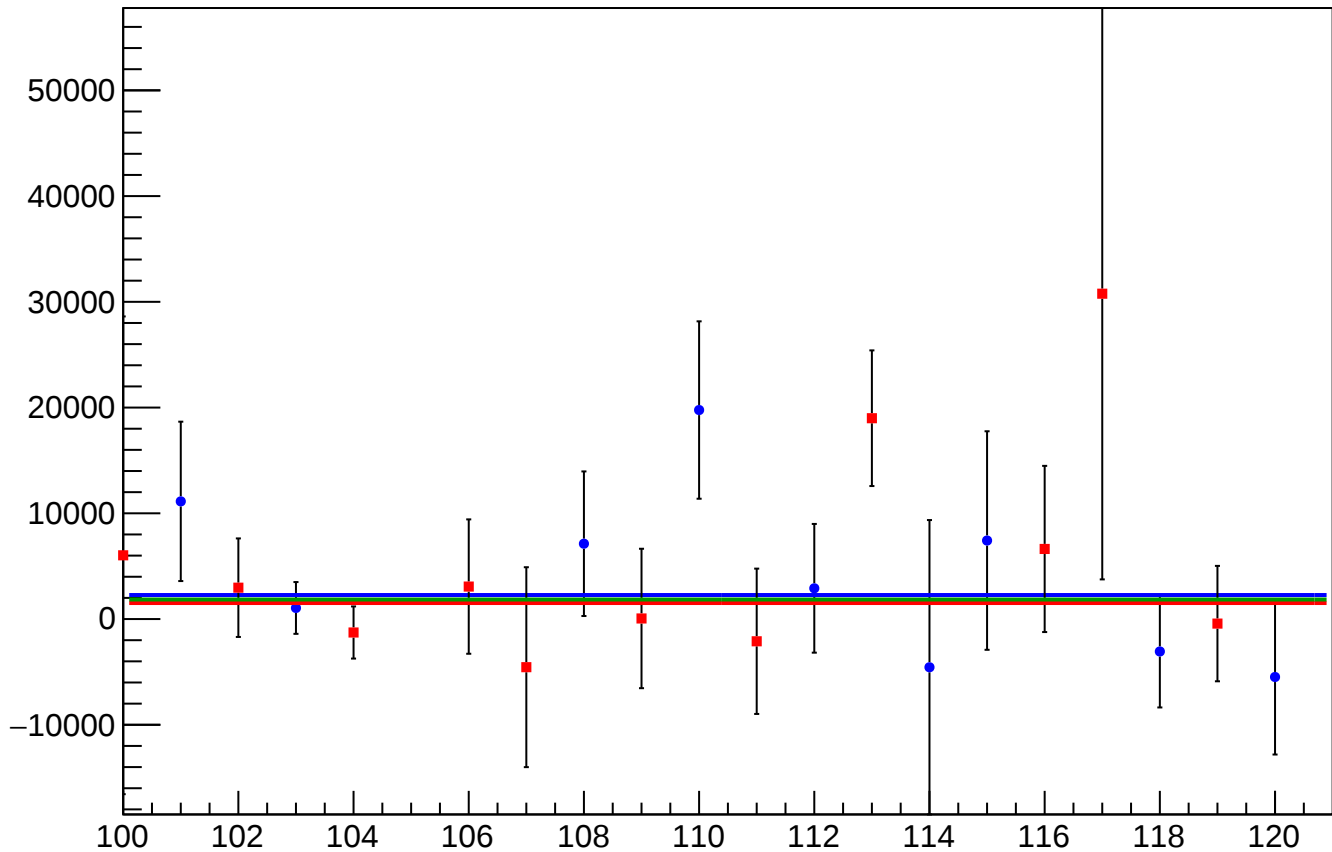
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3454.072+/-1.371 χ^2/NDF : 331468.3/8

3332.024+/-0.876 χ^2/NDF : 557454.9/20

3247.793+/-1.139 χ^2/NDF : 212591.1/11

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2271.853+/-1779.554 χ^2/NDF : 9.1/8

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

Right Out: 1515.449+/-1581.659 χ^2/NDF : 11.4/11

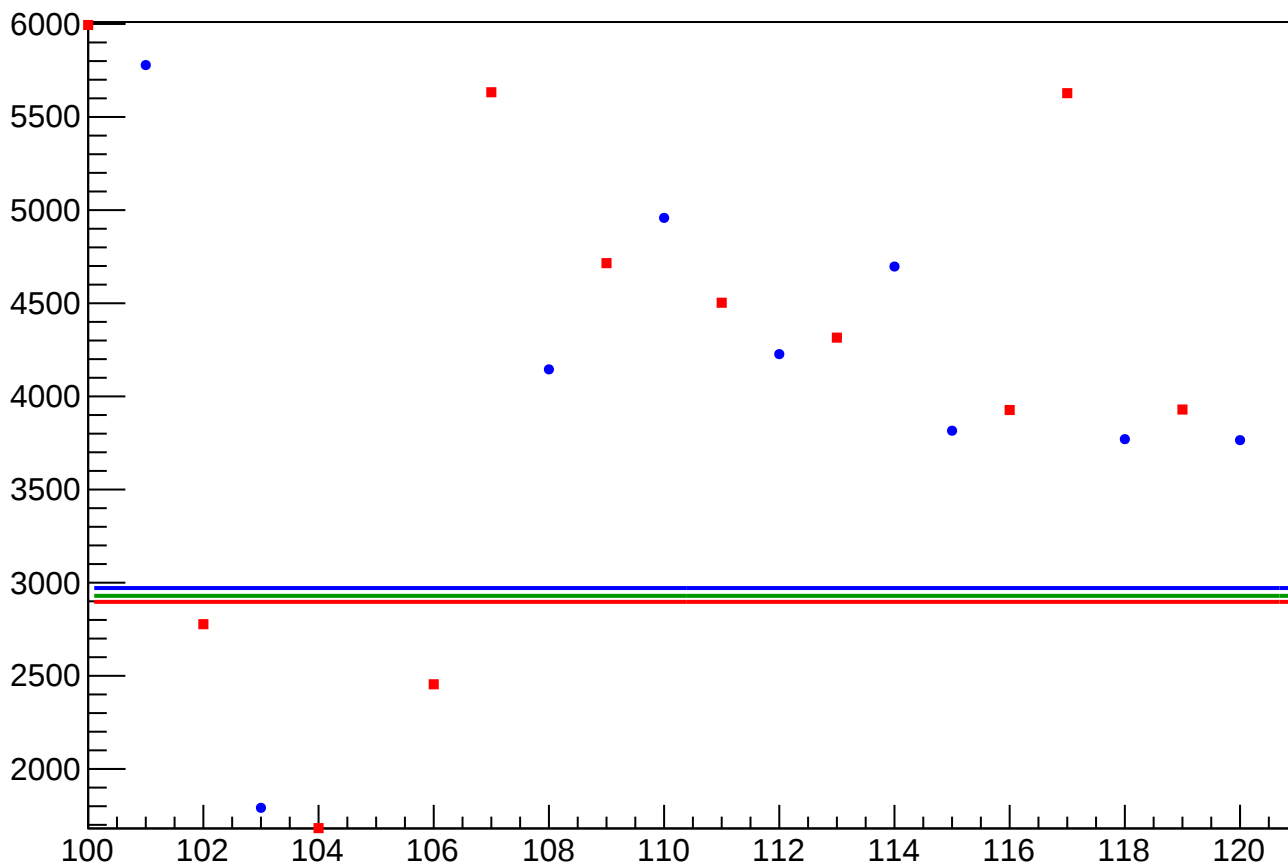
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2271.853+/-1779.554 χ^2/NDF : 9.1/8

1849.270+/-1182.202 χ^2/NDF : 20.6/20

1515.449+/-1581.659 χ^2/NDF : 11.4/11

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2971.259+/-1.258 χ^2/NDF : 1111316.7/8

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

Right Out: 2896.983+/-1.105 χ^2/NDF : 1212489.3/11

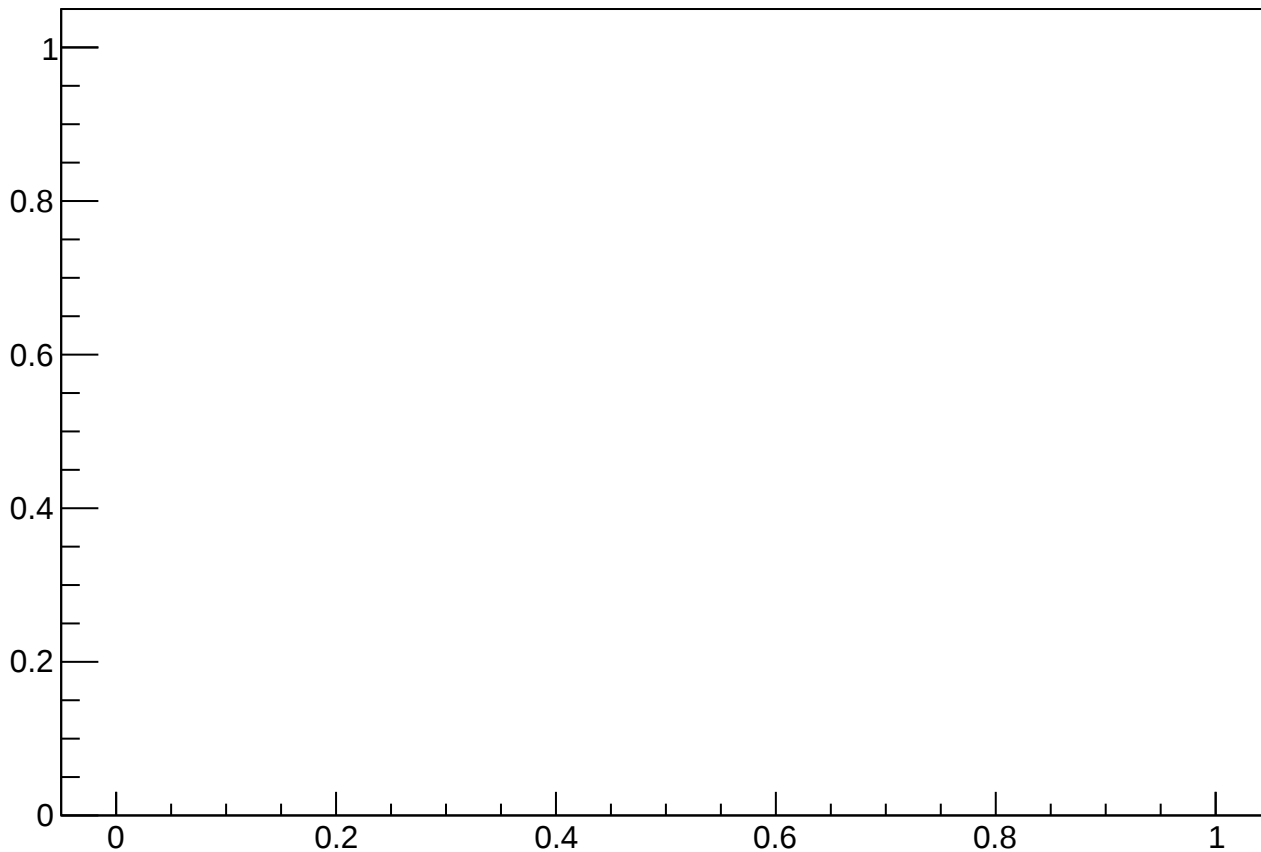
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2971.259+/-1.258 χ^2/NDF : 1111316.7/8

2929.326+/-0.830 χ^2/NDF : 2325773.1/20

2896.983+/-1.105 χ^2/NDF : 1212489.3/11

asym_atl_avg_atr_avg_avg_correction_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

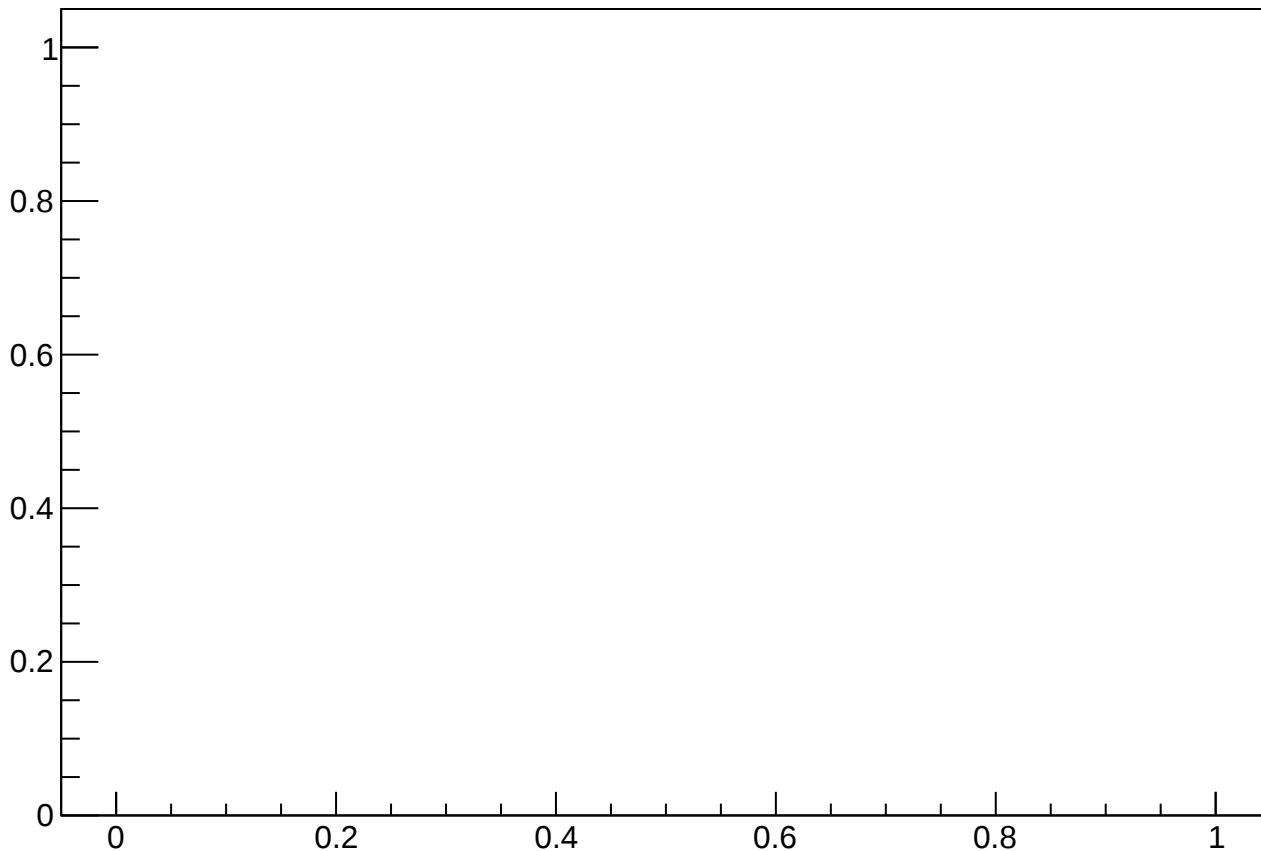
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_correction_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

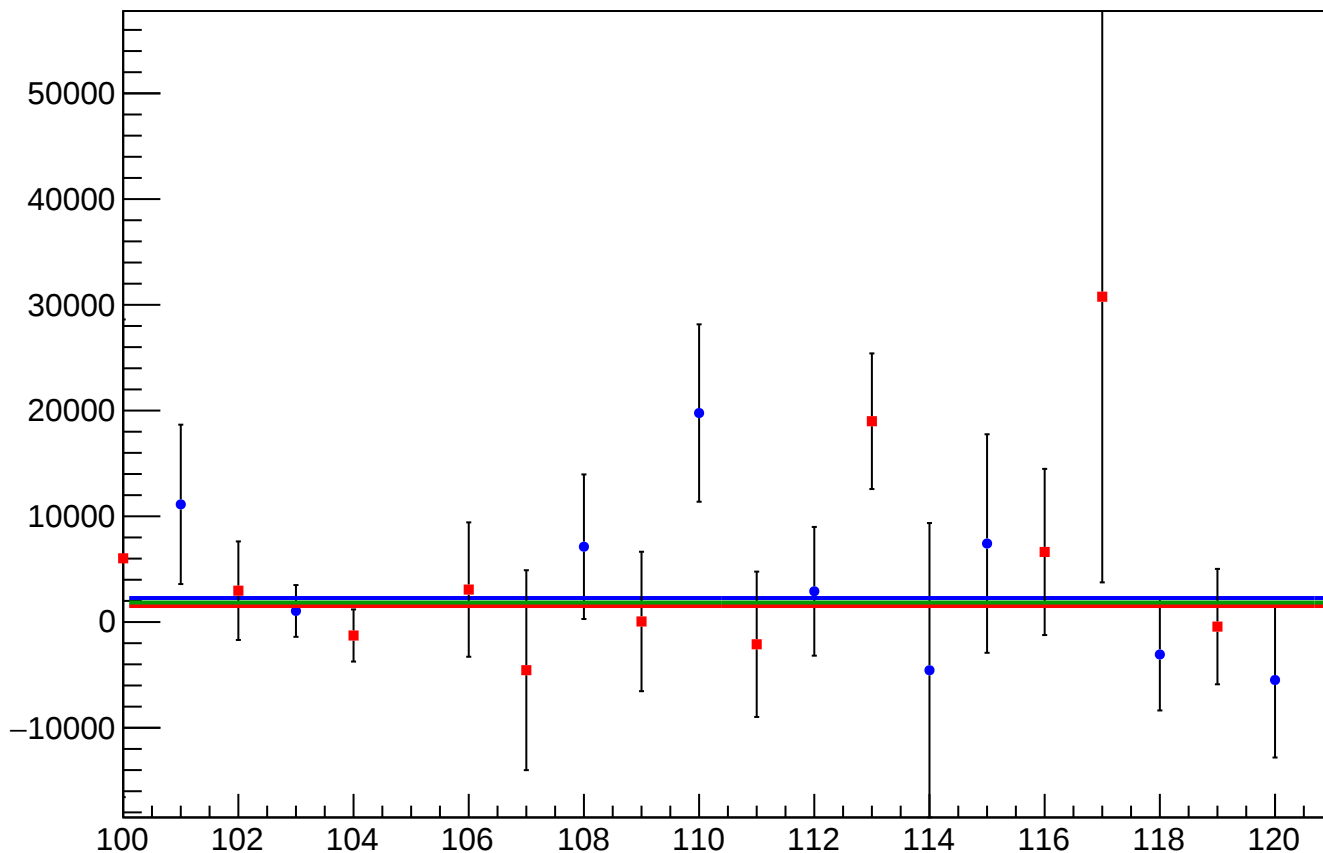
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2271.853+/-1779.554 χ^2/NDF : 9.1/8

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

Right Out: 1515.449+/-1581.659 χ^2/NDF : 11.4/11

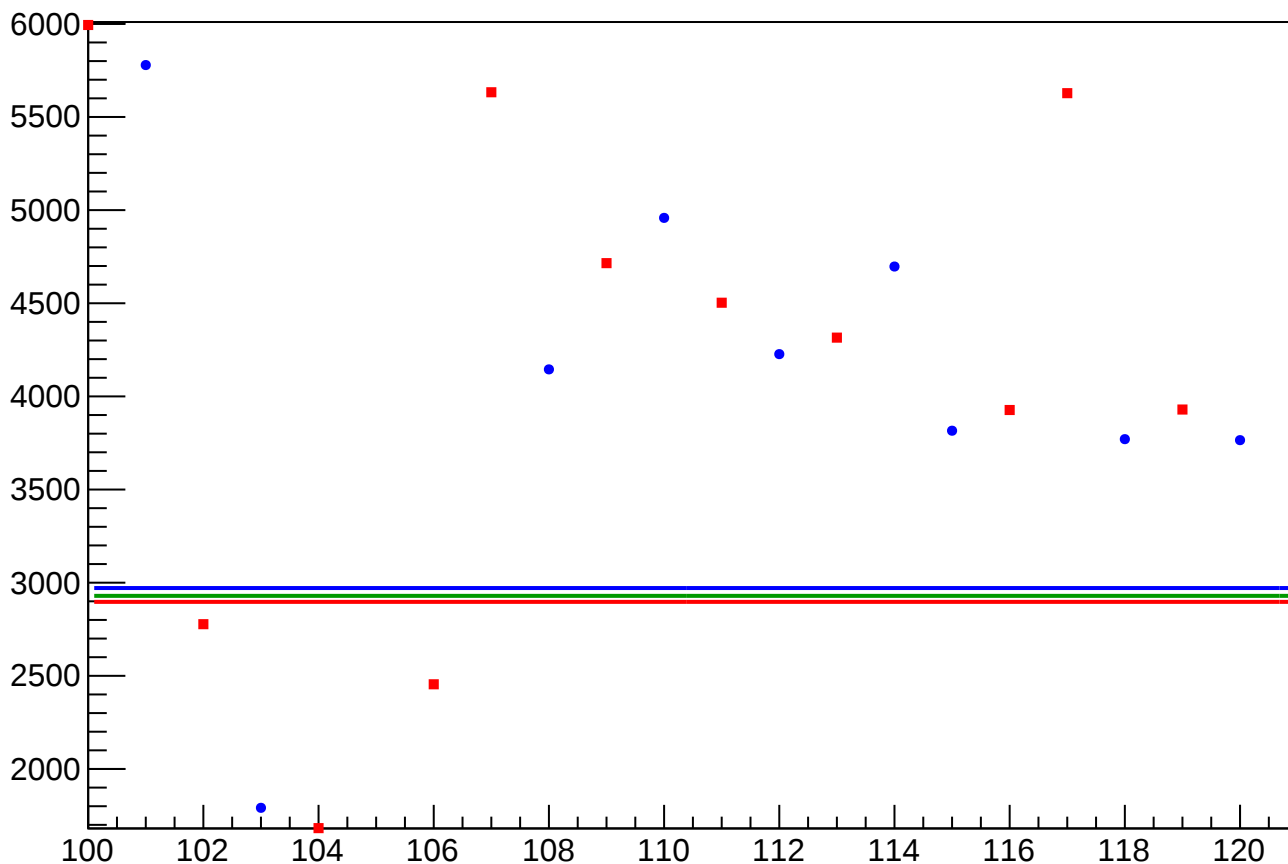
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2271.853+/-1779.554 χ^2/NDF : 9.1/8

1849.270+/-1182.202 χ^2/NDF : 20.6/20

1515.449+/-1581.659 χ^2/NDF : 11.4/11

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2971.259+/-1.258 χ^2/NDF : 1111316.7/8

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

Right Out: 2896.983+/-1.105 χ^2/NDF : 1212489.3/11

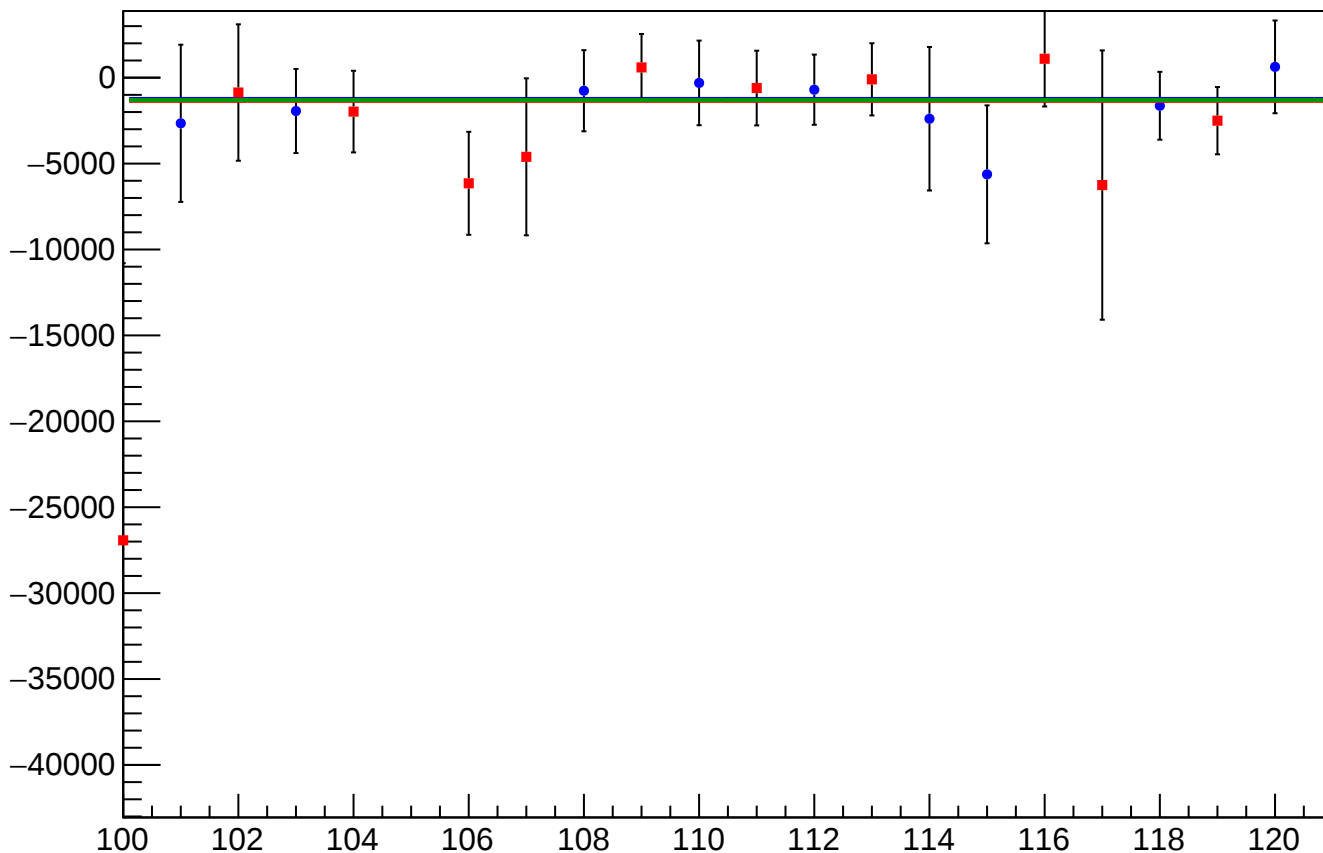
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2971.259+/-1.258 χ^2/NDF : 1111316.7/8

2929.326+/-0.830 χ^2/NDF : 2325773.1/20

2896.983+/-1.105 χ^2/NDF : 1212489.3/11

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1237.583+/-873.240 χ^2/NDF : 2.2/8

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

Right Out: -1349.552+/-764.121 χ^2/NDF : 8.7/11

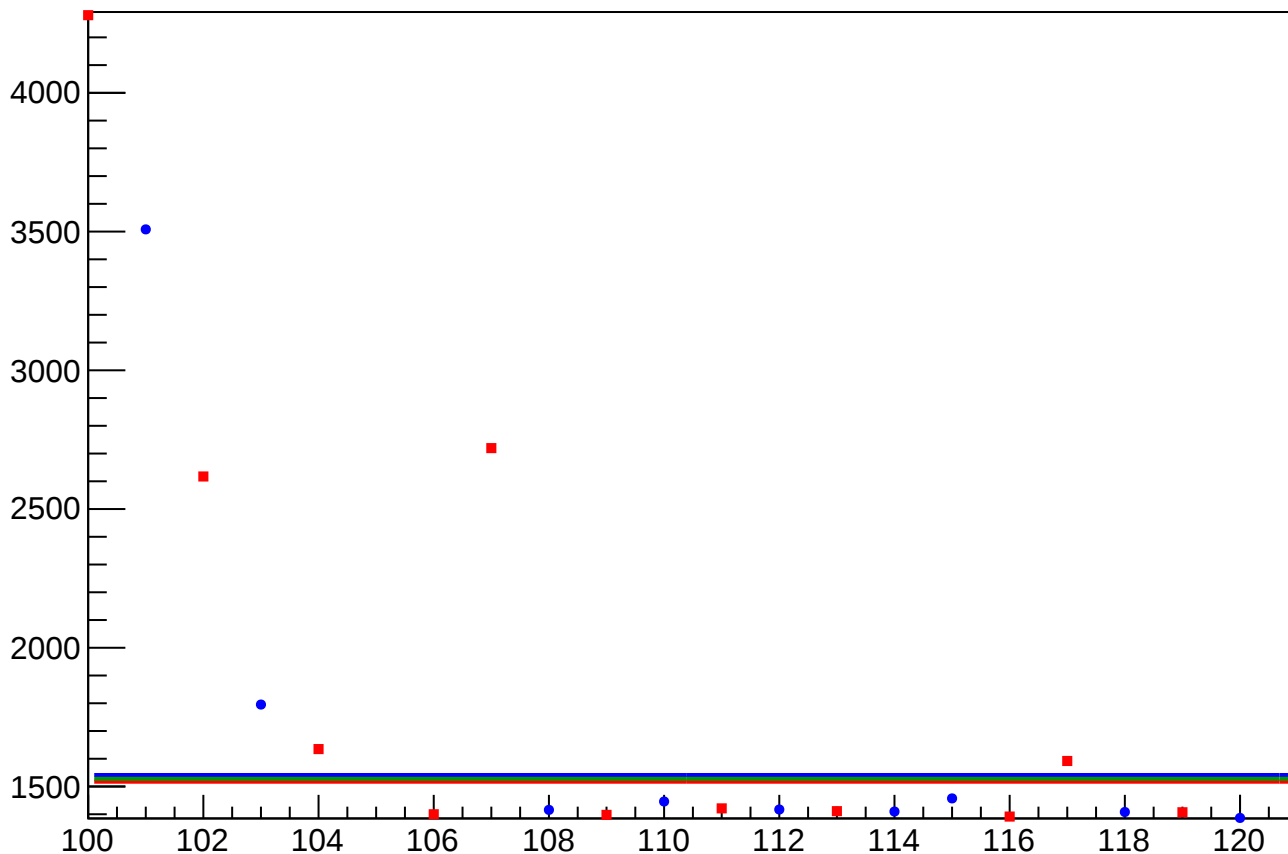
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1237.583+/-873.240 χ^2/NDF : 2.2/8

-1300.996+/-575.048 χ^2/NDF : 10.9/20

-1349.552+/-764.121 χ^2/NDF : 8.7/11

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1541.425+/-0.617 χ^2/NDF : 425687.9/8

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

Right Out: 1517.272+/-0.540 χ^2/NDF : 392593.9/11

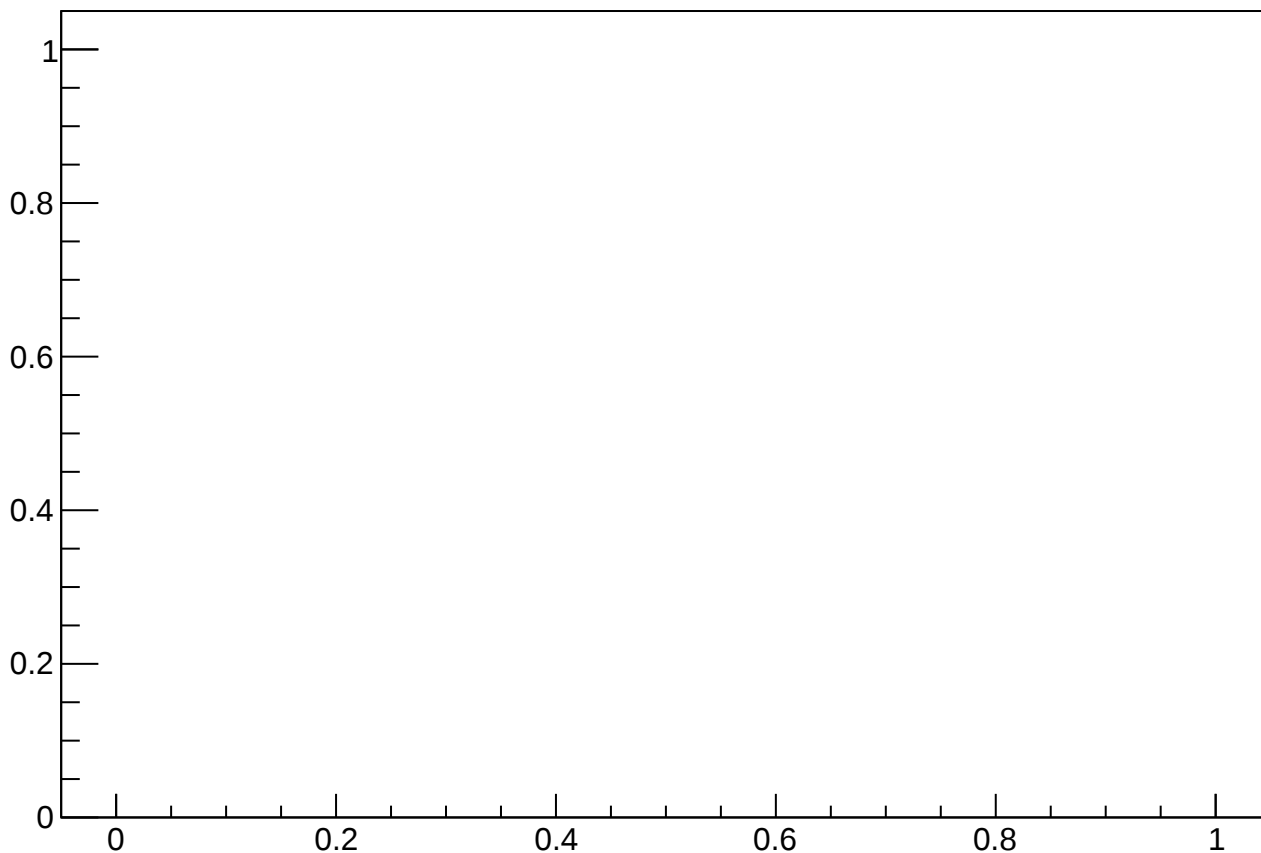
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1541.425+/-0.617 χ^2/NDF : 425687.9/8

1527.746+/-0.407 χ^2/NDF : 819148.3/20

1517.272+/-0.540 χ^2/NDF : 392593.9/11

asym_atl_avg_atr_avg_dd_correction_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

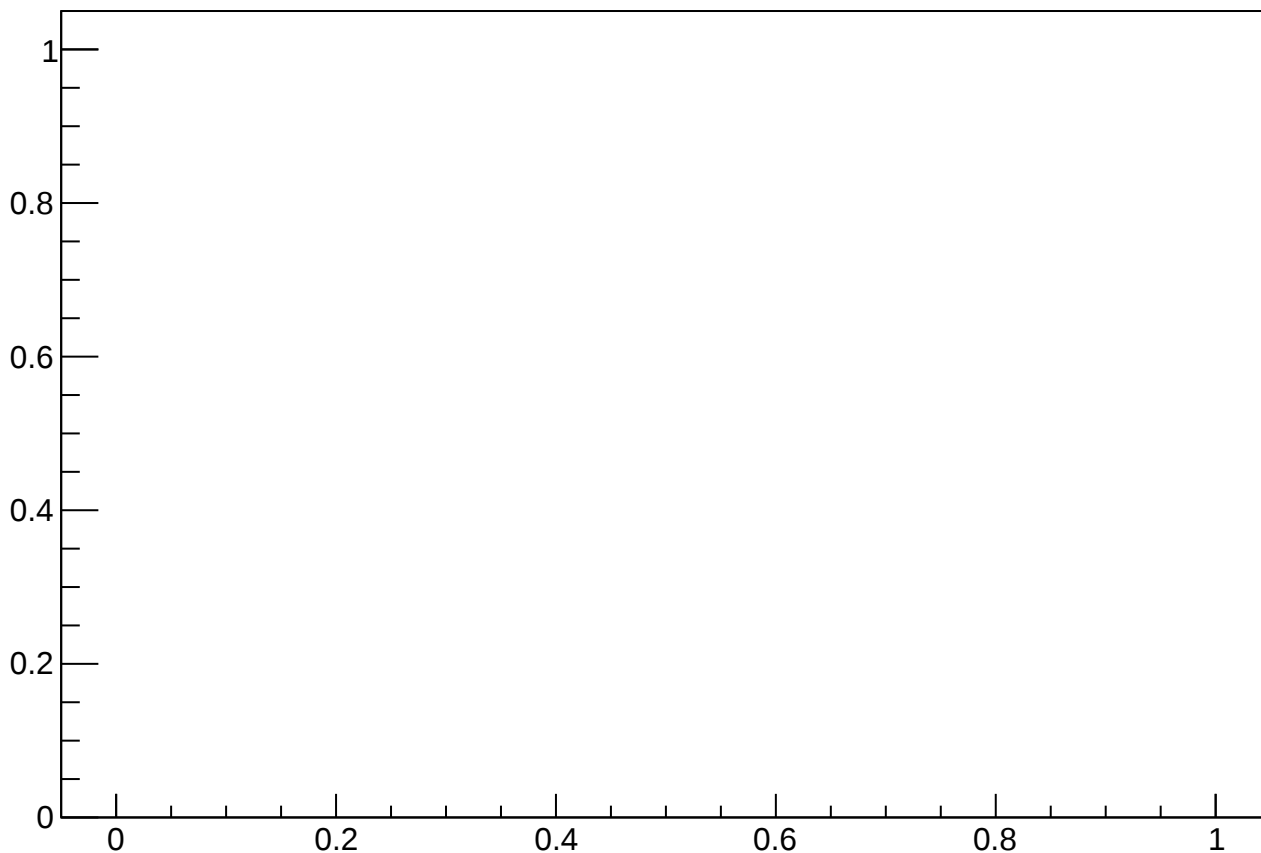
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_correction_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

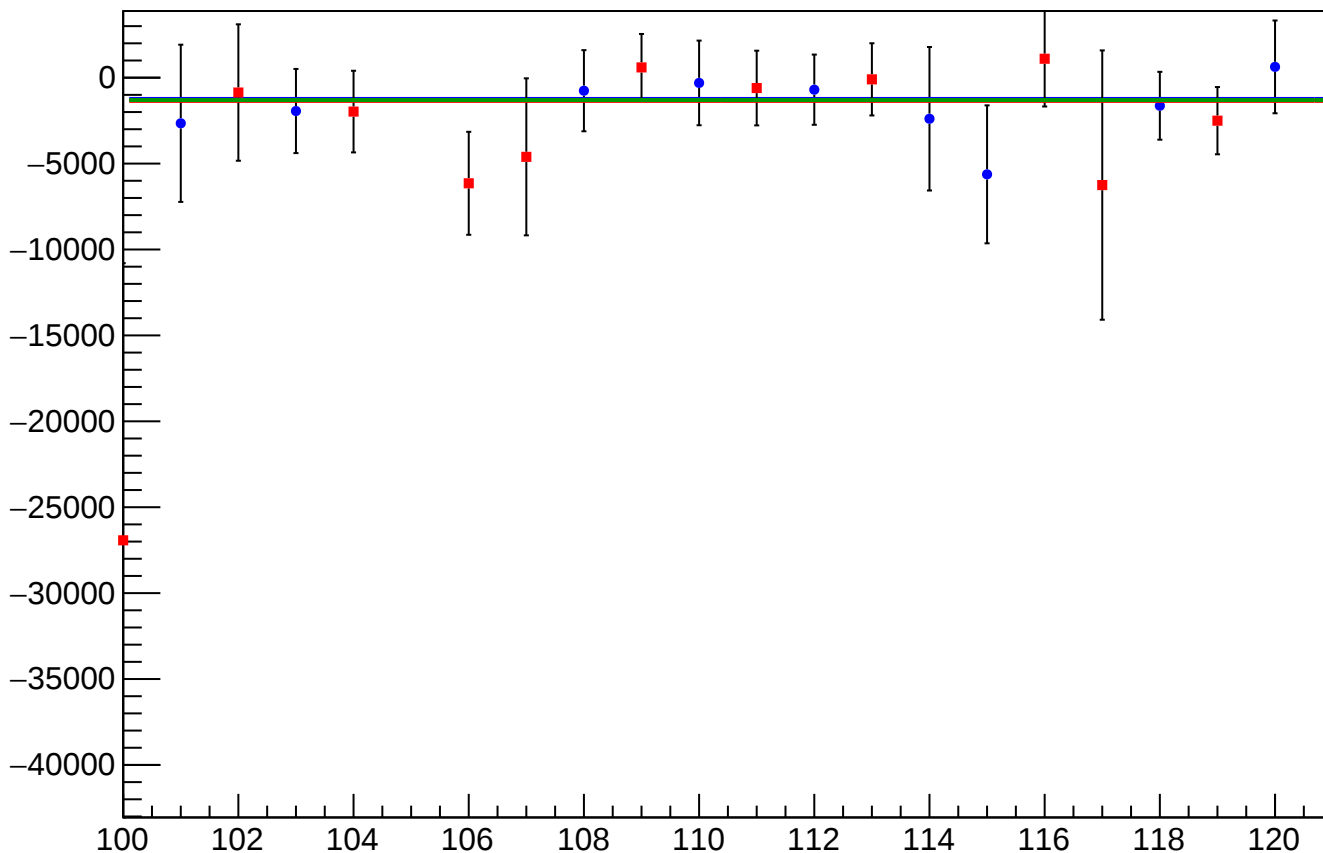
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1237.583+/-873.240 χ^2/NDF : 2.2/8

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

Right Out: -1349.552+/-764.121 χ^2/NDF : 8.7/11

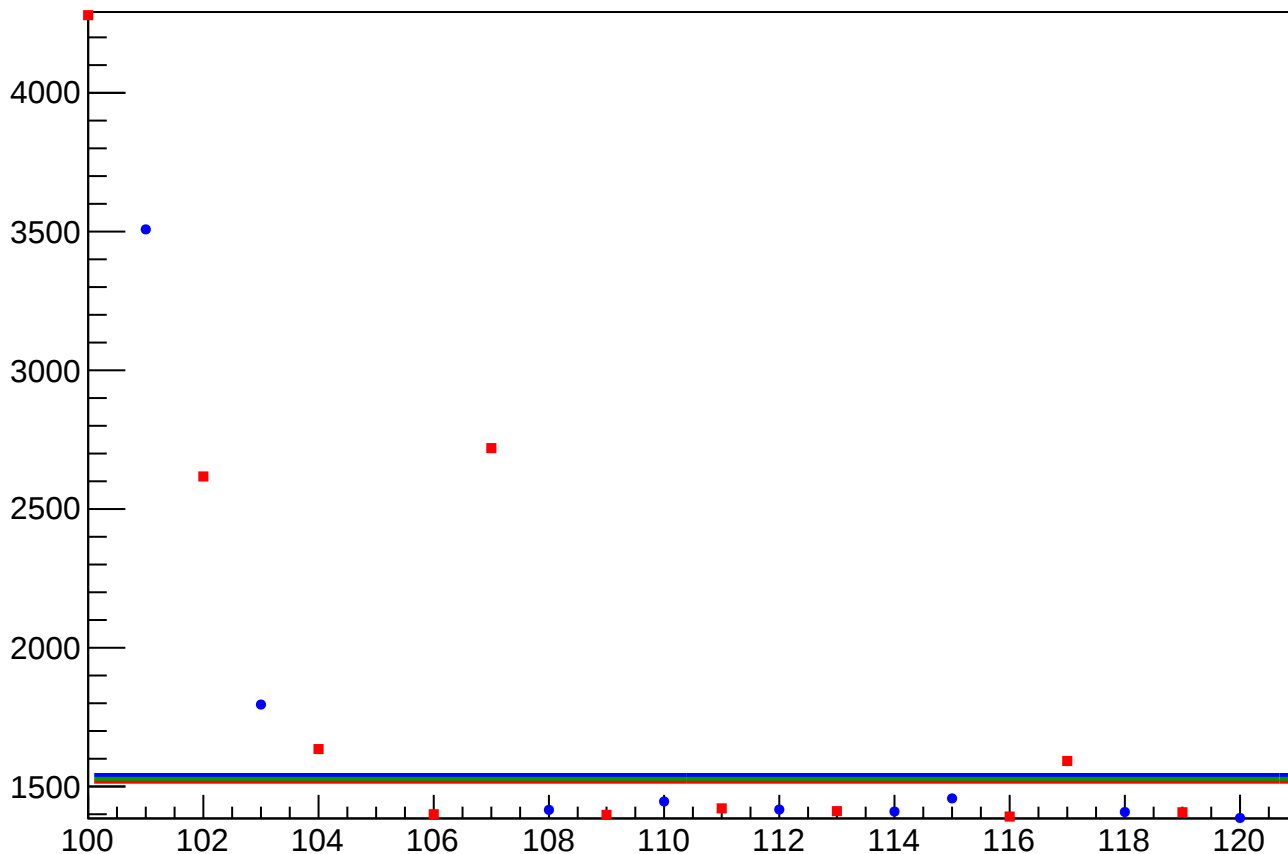
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1237.583+/-873.240 χ^2/NDF : 2.2/8

-1300.996+/-575.048 χ^2/NDF : 10.9/20

-1349.552+/-764.121 χ^2/NDF : 8.7/11

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1541.425+/-0.617 χ^2/NDF : 425687.9/8

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

Right Out: 1517.272+/-0.540 χ^2/NDF : 392593.9/11

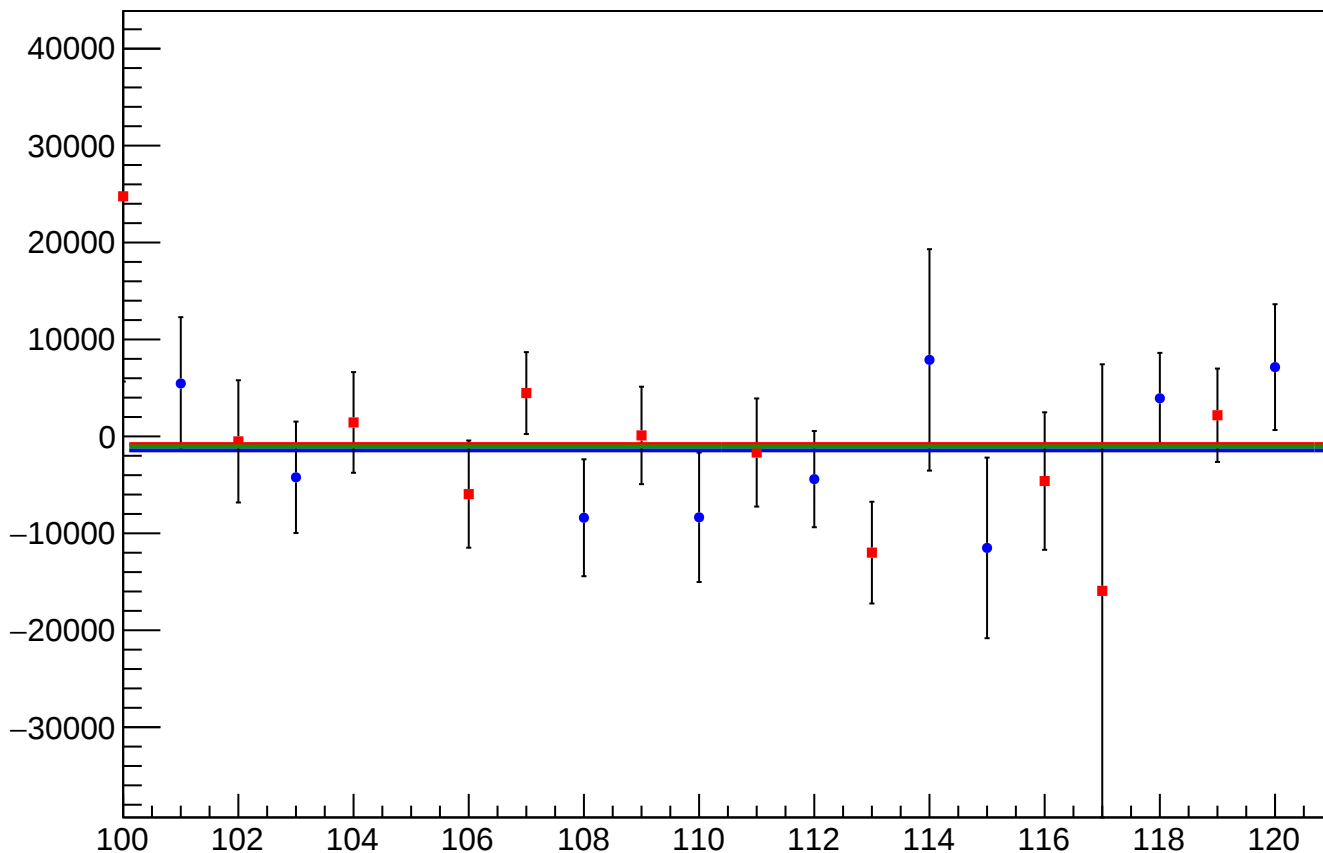
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1541.425+/-0.617 χ^2/NDF : 425687.9/8

1527.746+/-0.407 χ^2/NDF : 819148.3/20

1517.272+/-0.540 χ^2/NDF : 392593.9/11

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1434.883+/-2081.837 χ^2/NDF : 8.9/8

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

Right Out: -795.486+/-1653.042 χ^2/NDF : 10.3/11

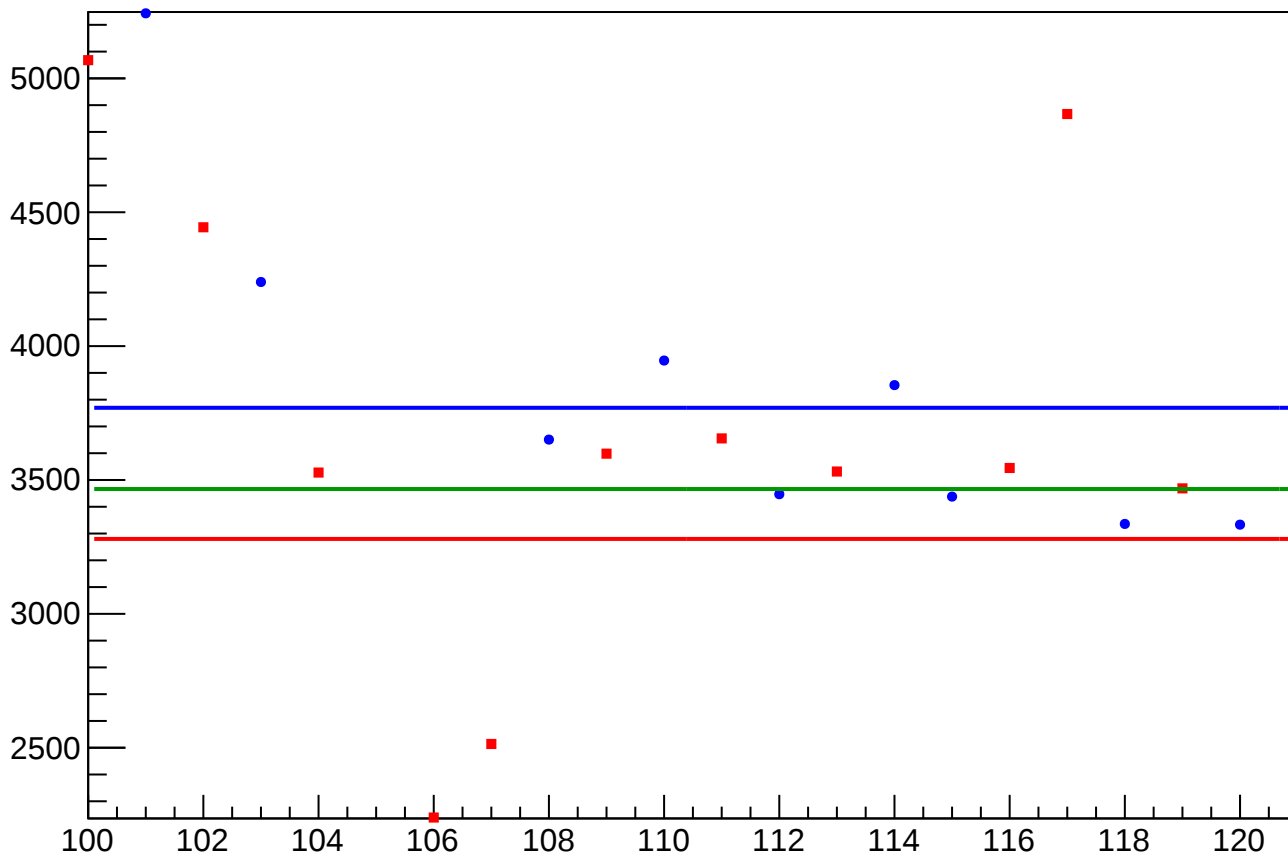
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1434.883+/-2081.837 χ^2/NDF : 8.9/8

-1042.731+/-1294.570 χ^2/NDF : 19.3/20

-795.486+/-1653.042 χ^2/NDF : 10.3/11

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3769.665+/-1.472 χ^2/NDF : 145699.9/8

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

Right Out: 3279.865+/-1.154 χ^2/NDF : 286645.2/11

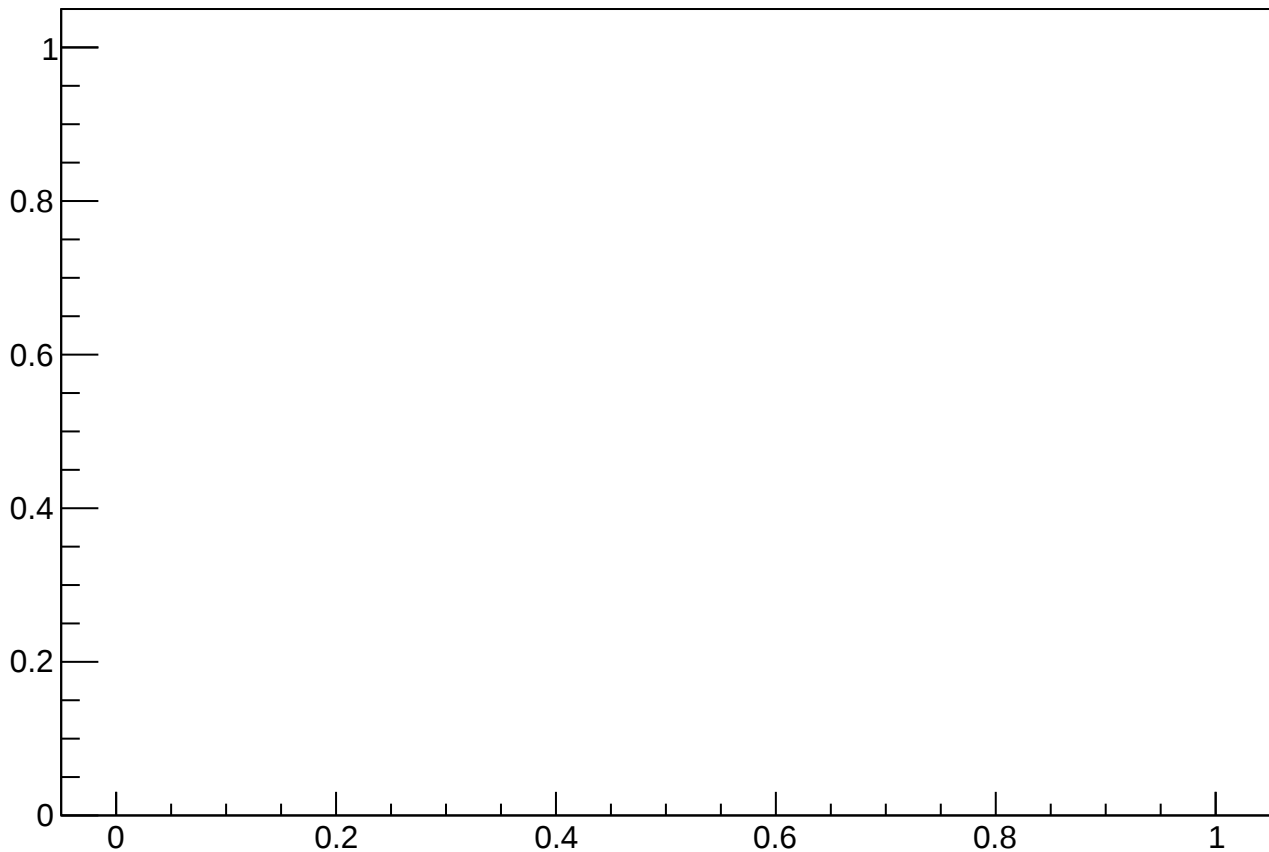
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3769.665+/-1.472 χ^2/NDF : 145699.9/8

3466.247+/-0.908 χ^2/NDF : 500931.7/20

3279.865+/-1.154 χ^2/NDF : 286645.2/11

asym_atl_dd_atr_dd_avg_correction_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

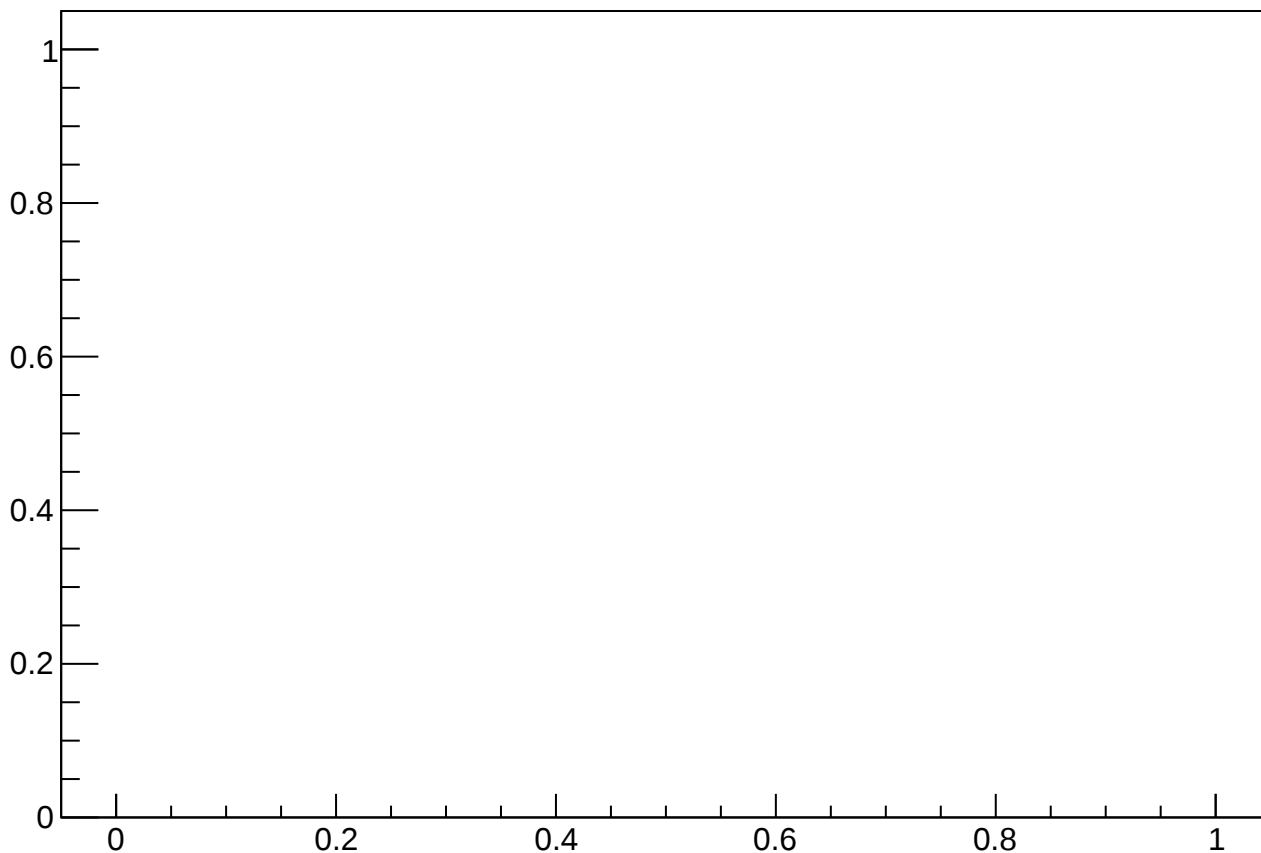
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_correction_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

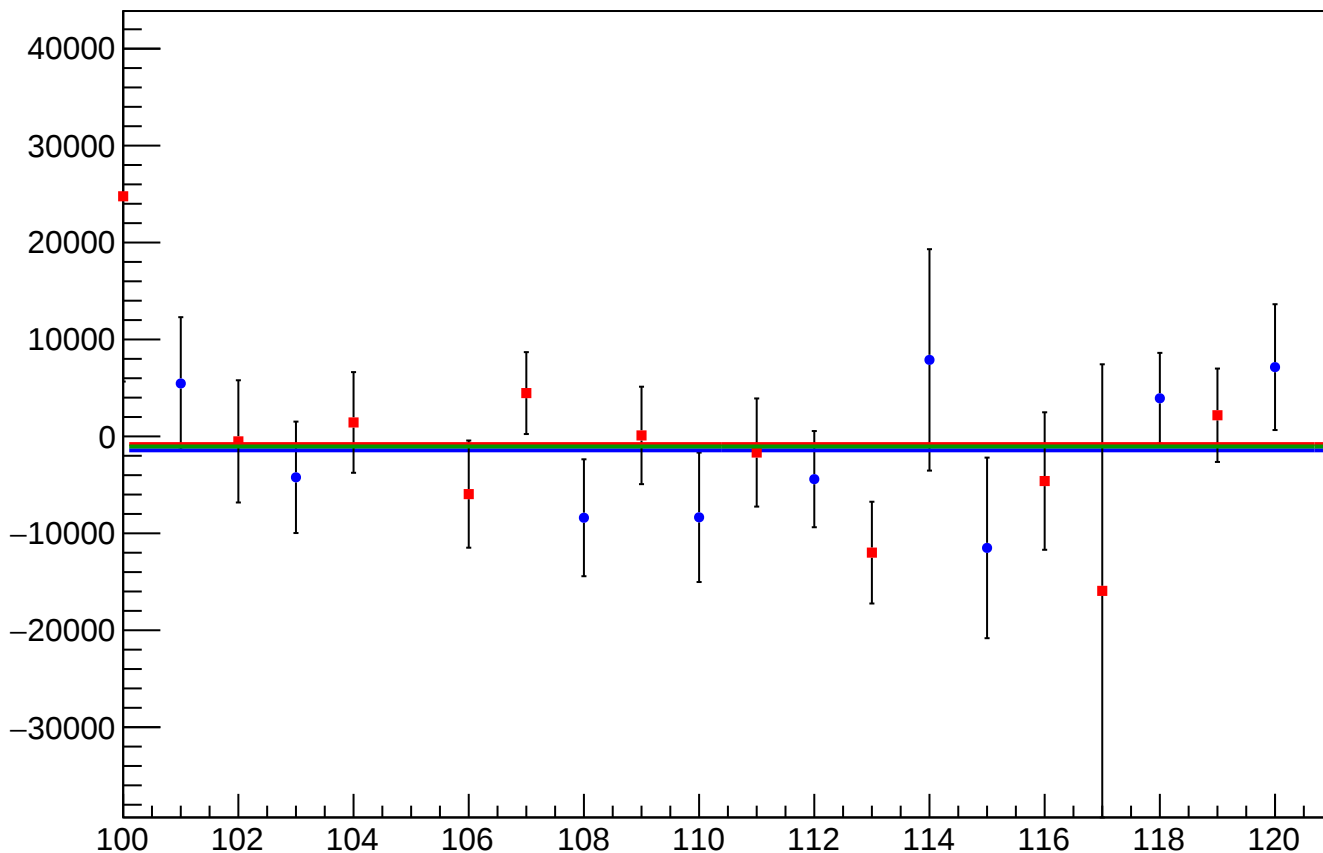
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1434.883+/-2081.837 χ^2 /NDF: 8.9/8

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

Right Out: -795.486+/-1653.042 χ^2 /NDF: 10.3/11

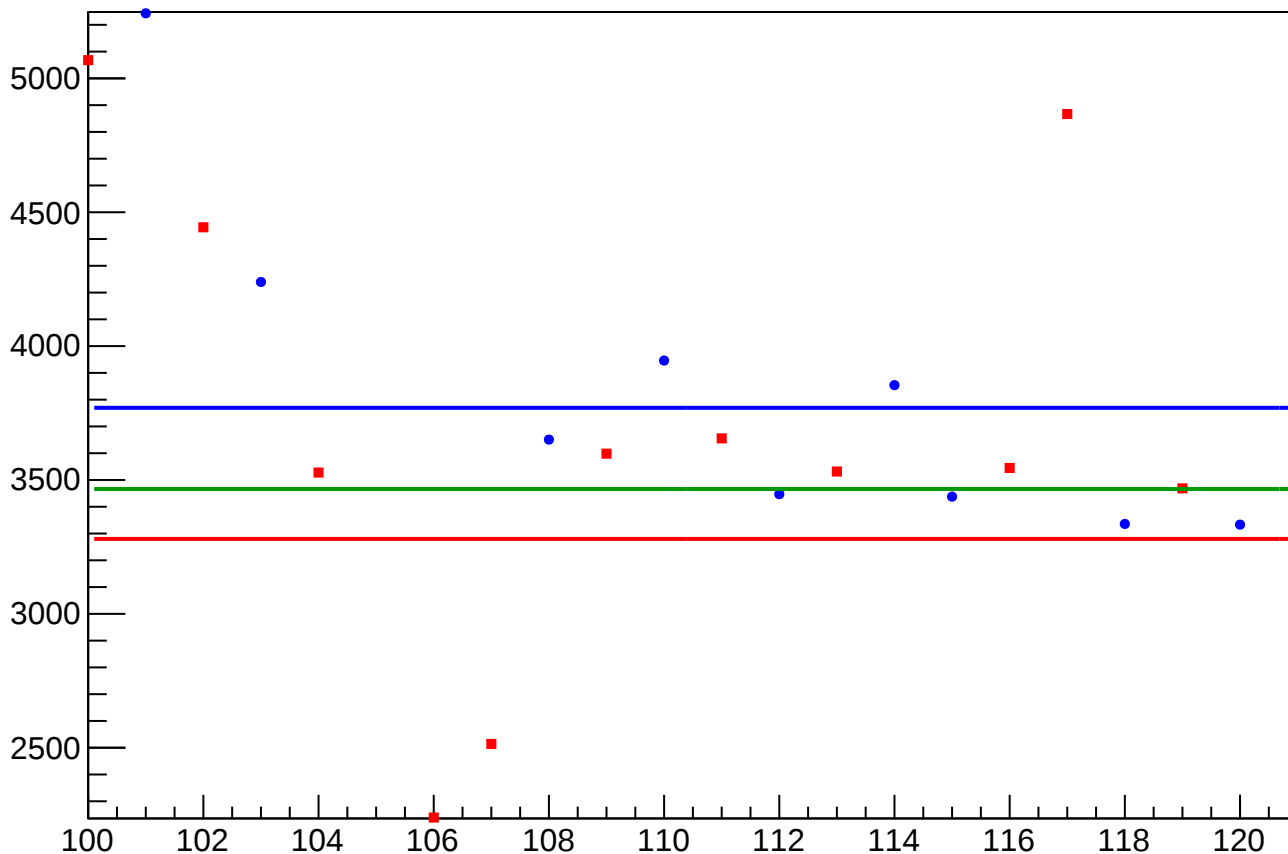
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1434.883+/-2081.837 χ^2 /NDF: 8.9/8

-1042.731+/-1294.570 χ^2 /NDF: 19.3/20

-795.486+/-1653.042 χ^2 /NDF: 10.3/11

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3769.665+/-1.472 χ^2/NDF : 145699.9/8

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

Right Out: 3279.865+/-1.154 χ^2/NDF : 286645.2/11

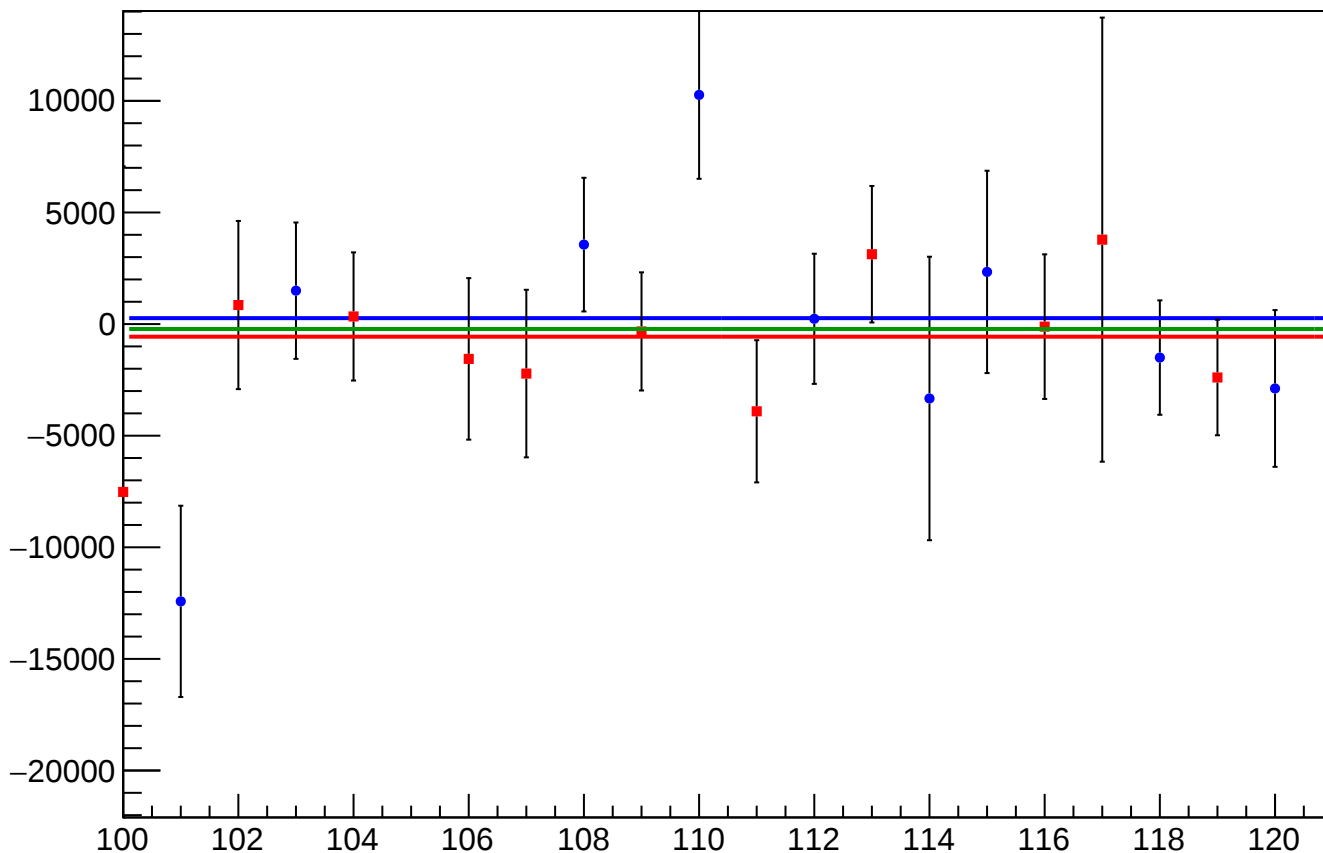
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3769.665+/-1.472 χ^2/NDF : 145699.9/8

3466.247+/-0.908 χ^2/NDF : 500931.7/20

3279.865+/-1.154 χ^2/NDF : 286645.2/11

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 266.470+/-1140.749 χ^2/NDF : 19.0/8

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

Right Out: -564.359+/-959.664 χ^2/NDF : 4.1/11

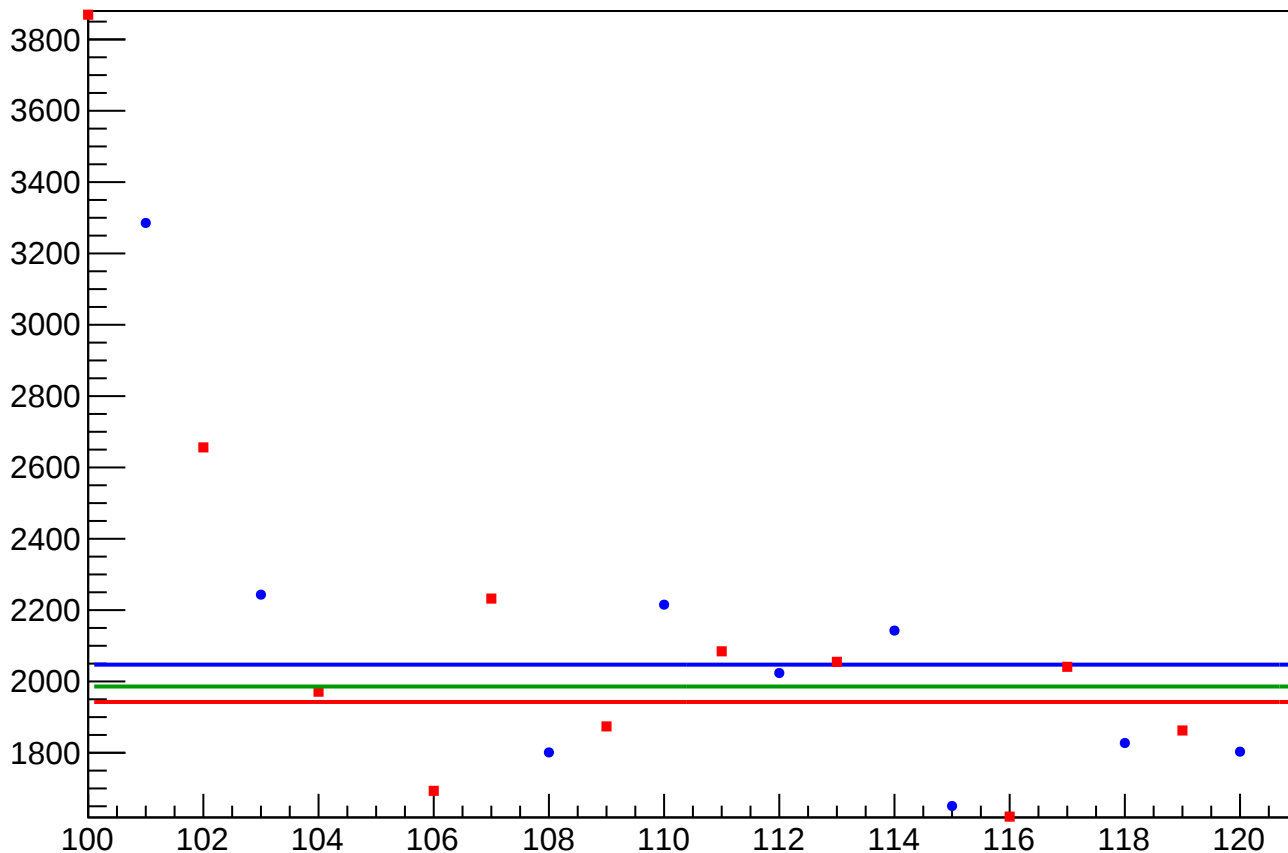
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

266.470+/-1140.749 χ^2/NDF : 19.0/8

-220.045+/-734.364 χ^2/NDF : 23.4/20

-564.359+/-959.664 χ^2/NDF : 4.1/11

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2047.112+/-0.807 χ^2/NDF : 233038.6/8

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

Right Out: 1942.448+/-0.679 χ^2/NDF : 180108.8/11

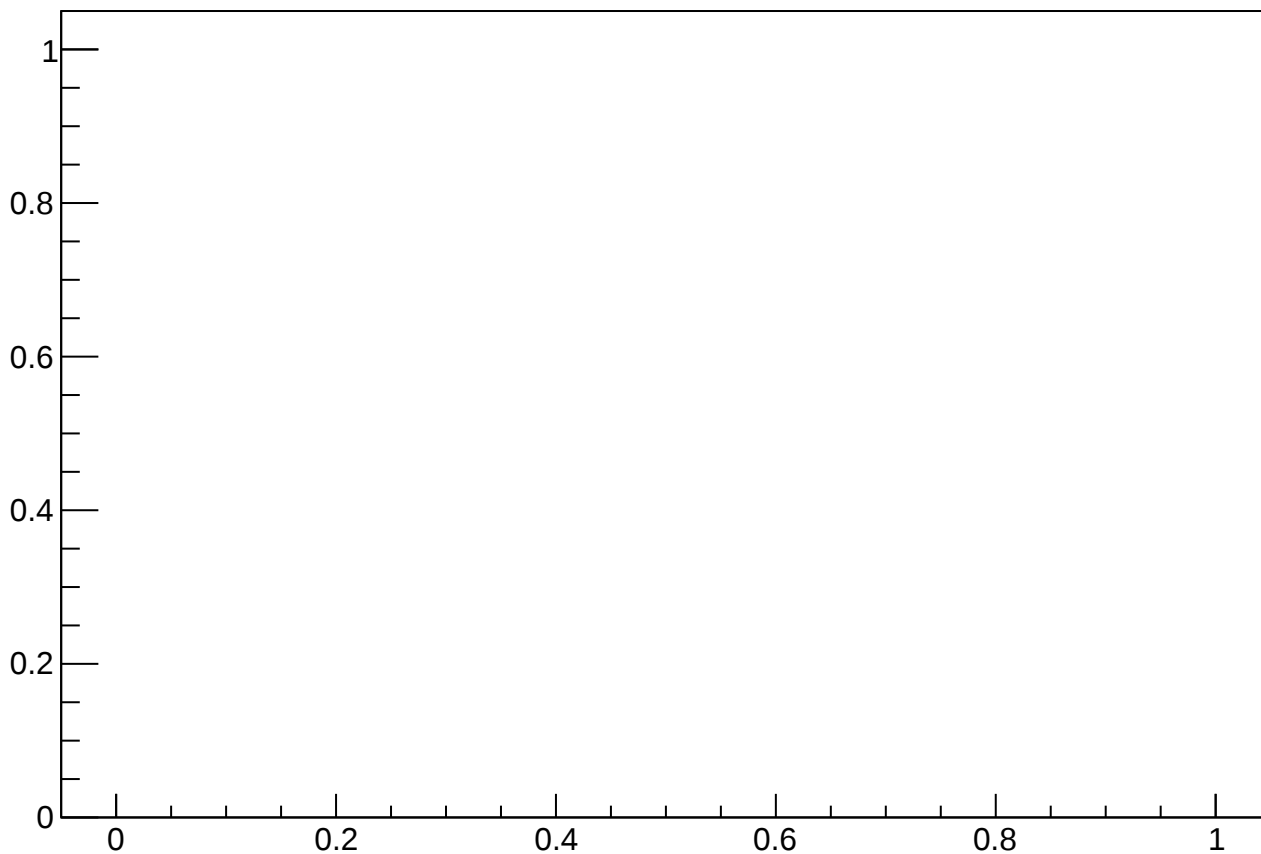
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2047.112+/-0.807 χ^2/NDF : 233038.6/8

1985.823+/-0.519 χ^2/NDF : 423006.7/20

1942.448+/-0.679 χ^2/NDF : 180108.8/11

asym_atl_dd_atr_dd_dd_correction_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

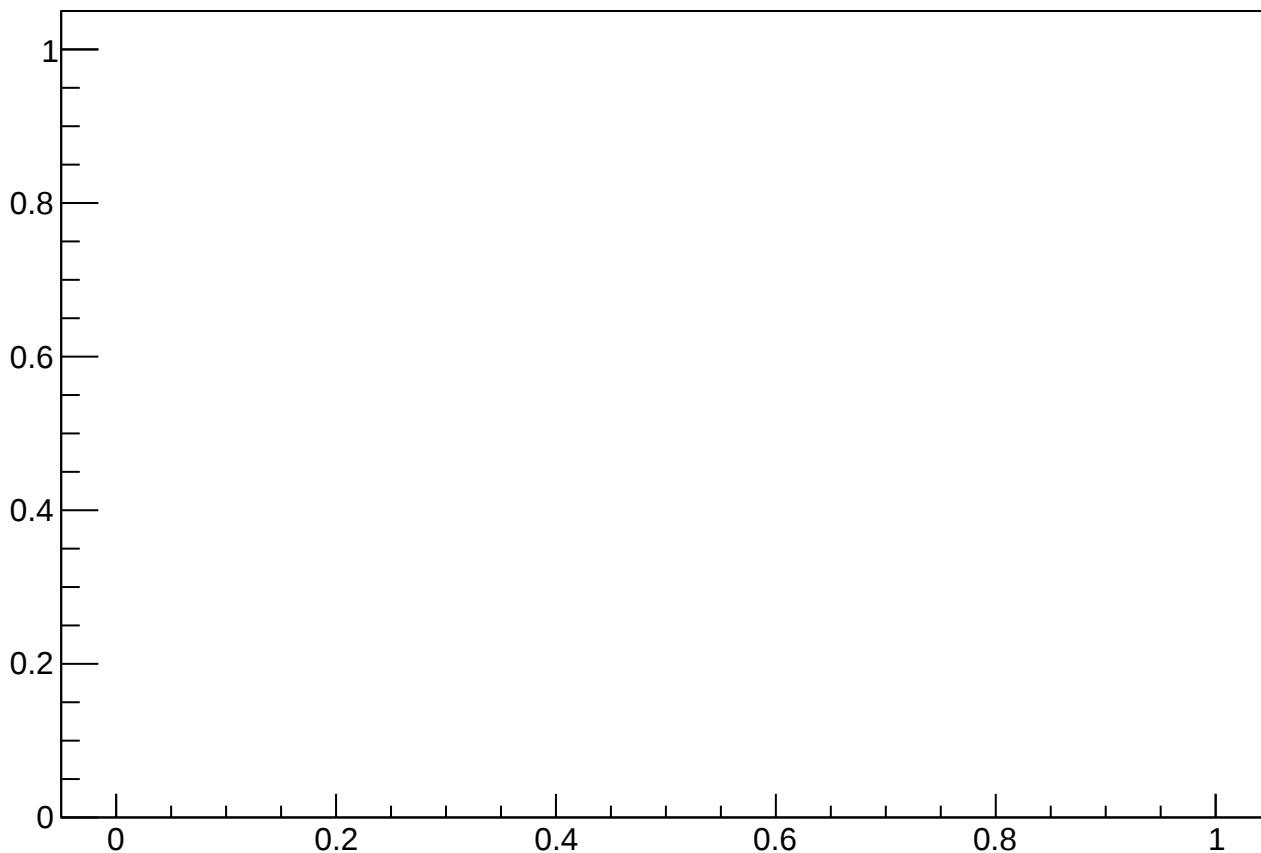
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_correction_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

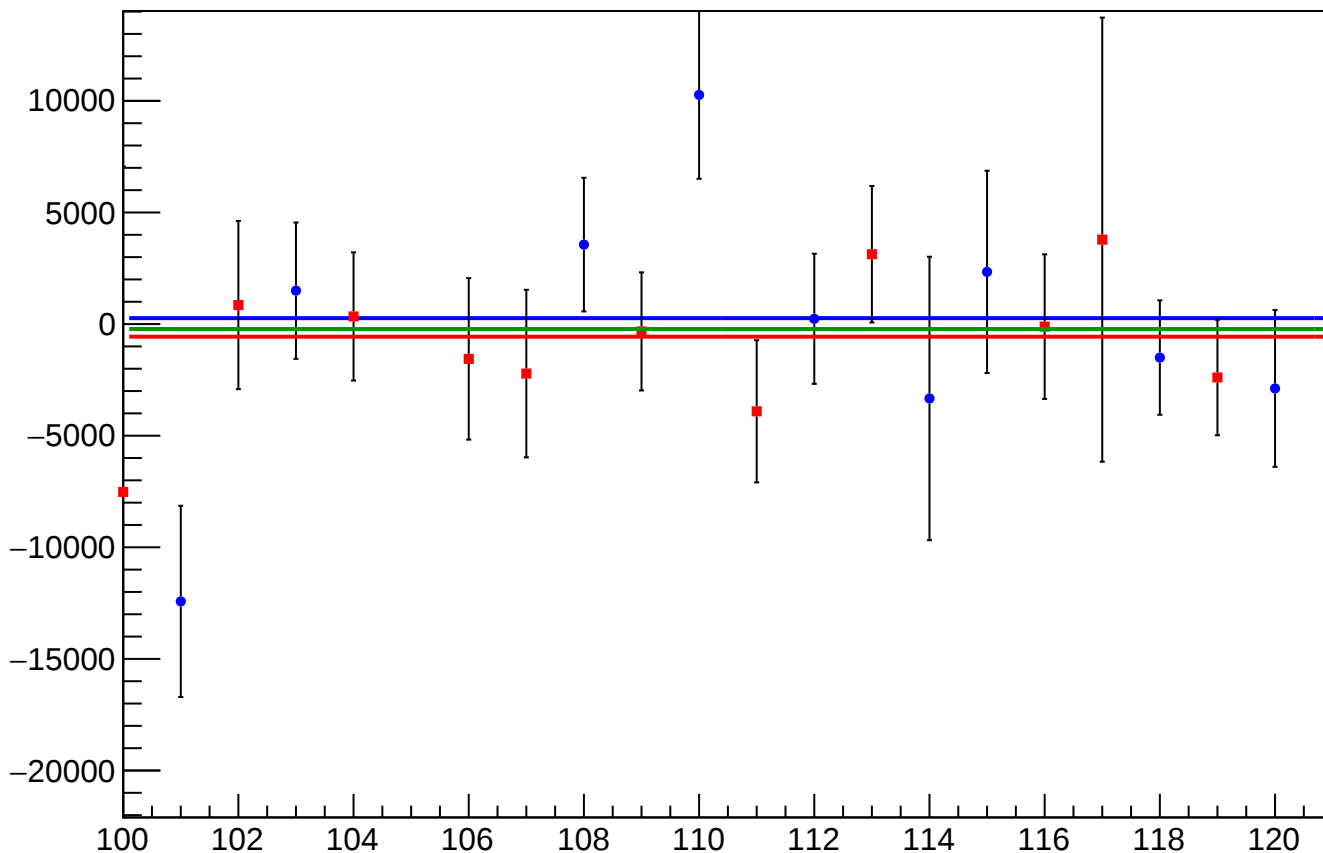
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 266.470+/-1140.749 χ^2/NDF : 19.0/8

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

Right Out: -564.359+/-959.664 χ^2/NDF : 4.1/11

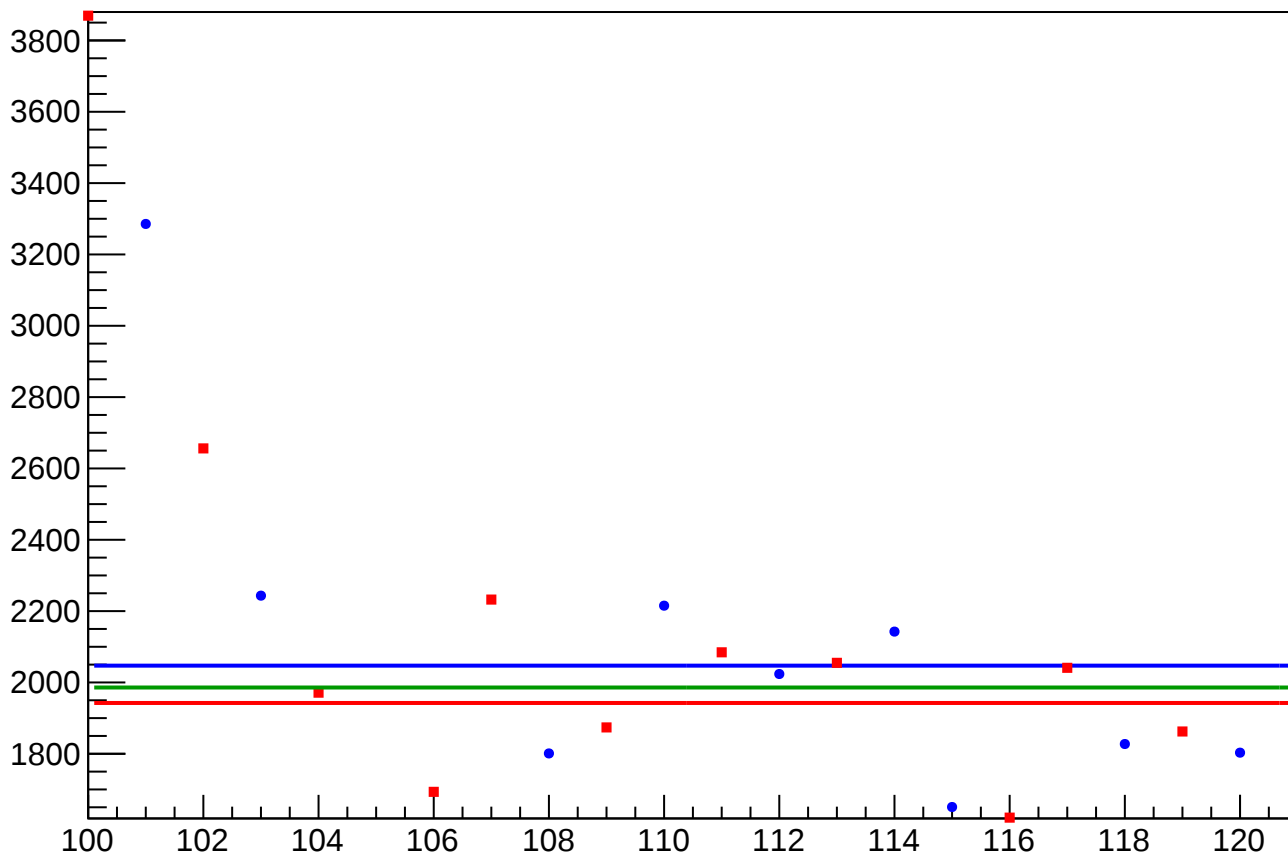
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

266.470+/-1140.749 χ^2/NDF : 19.0/8

-220.045+/-734.364 χ^2/NDF : 23.4/20

-564.359+/-959.664 χ^2/NDF : 4.1/11

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2047.112+/-0.807 χ^2/NDF : 233038.6/8

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

Right Out: 1942.448+/-0.679 χ^2/NDF : 180108.8/11

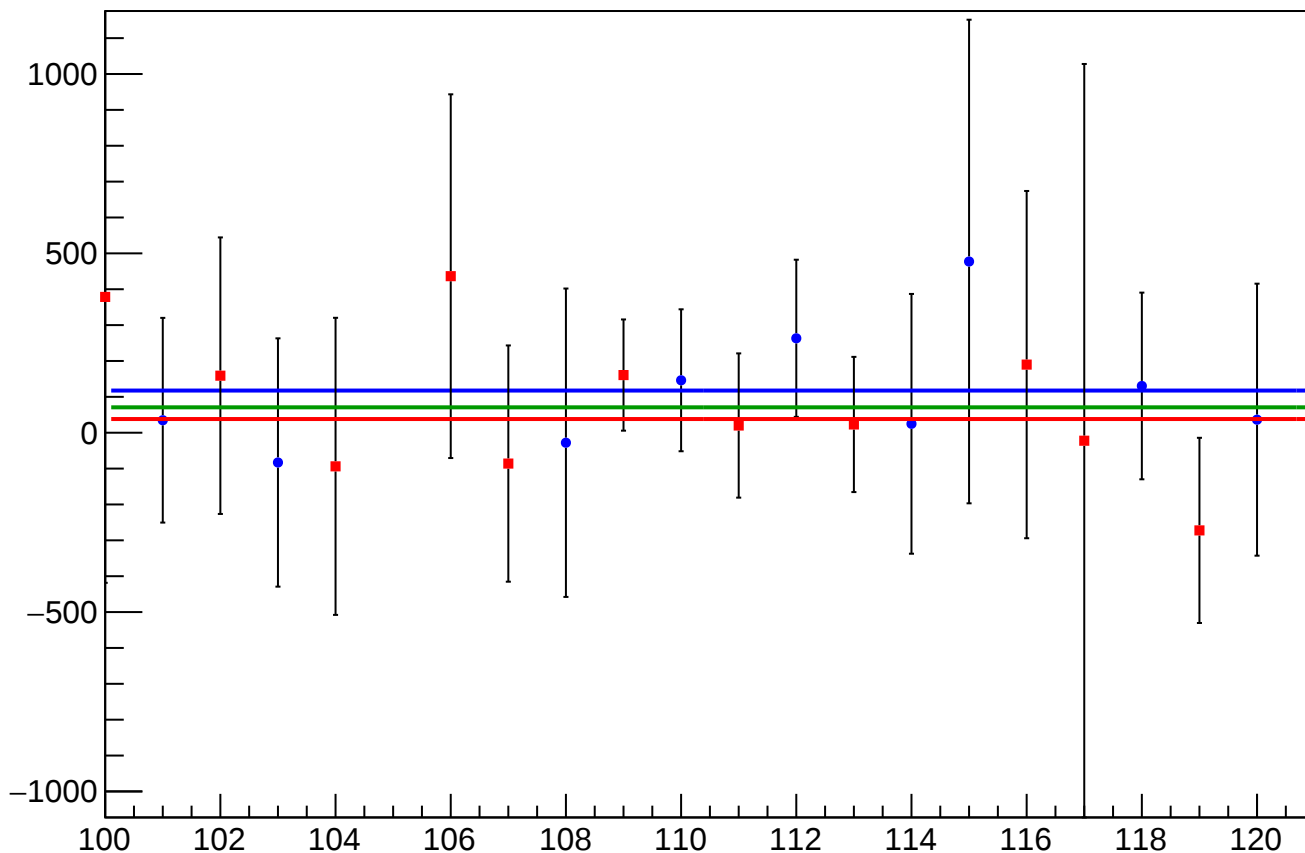
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2047.112+/-0.807 χ^2/NDF : 233038.6/8

1985.823+/-0.519 χ^2/NDF : 423006.7/20

1942.448+/-0.679 χ^2/NDF : 180108.8/11

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 117.548+/-98.065 χ^2/NDF : 1.4/8

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

Right Out: 38.151+/-81.922 χ^2/NDF : 3.5/11

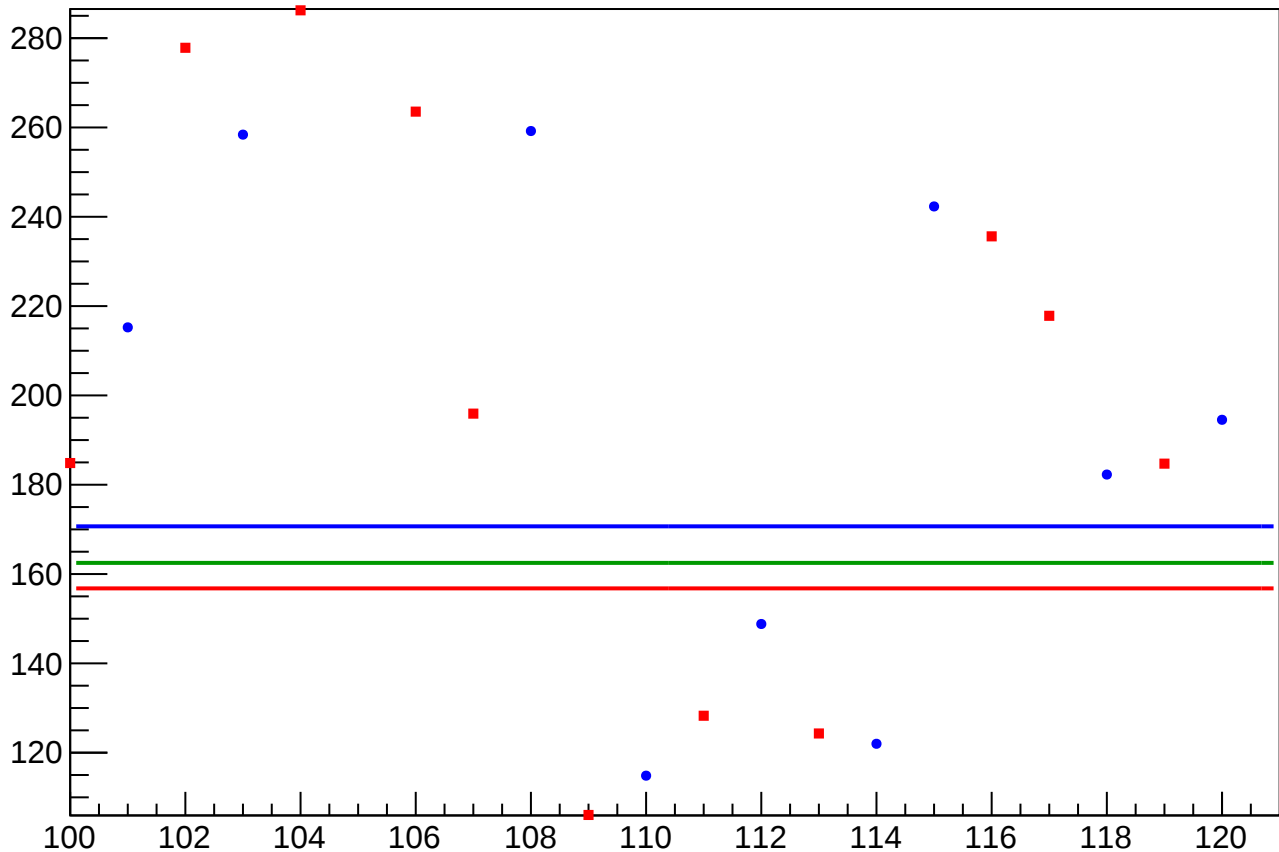
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

117.548+/-98.065 χ^2/NDF : 1.4/8

70.786+/-62.871 χ^2/NDF : 5.3/20

38.151+/-81.922 χ^2/NDF : 3.5/11

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 170.682 $\pm$ 0.069 χ^2 /NDF: 511832.4/8

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

Right Out: 156.788 $\pm$ 0.058 χ^2 /NDF: 988701.7/11

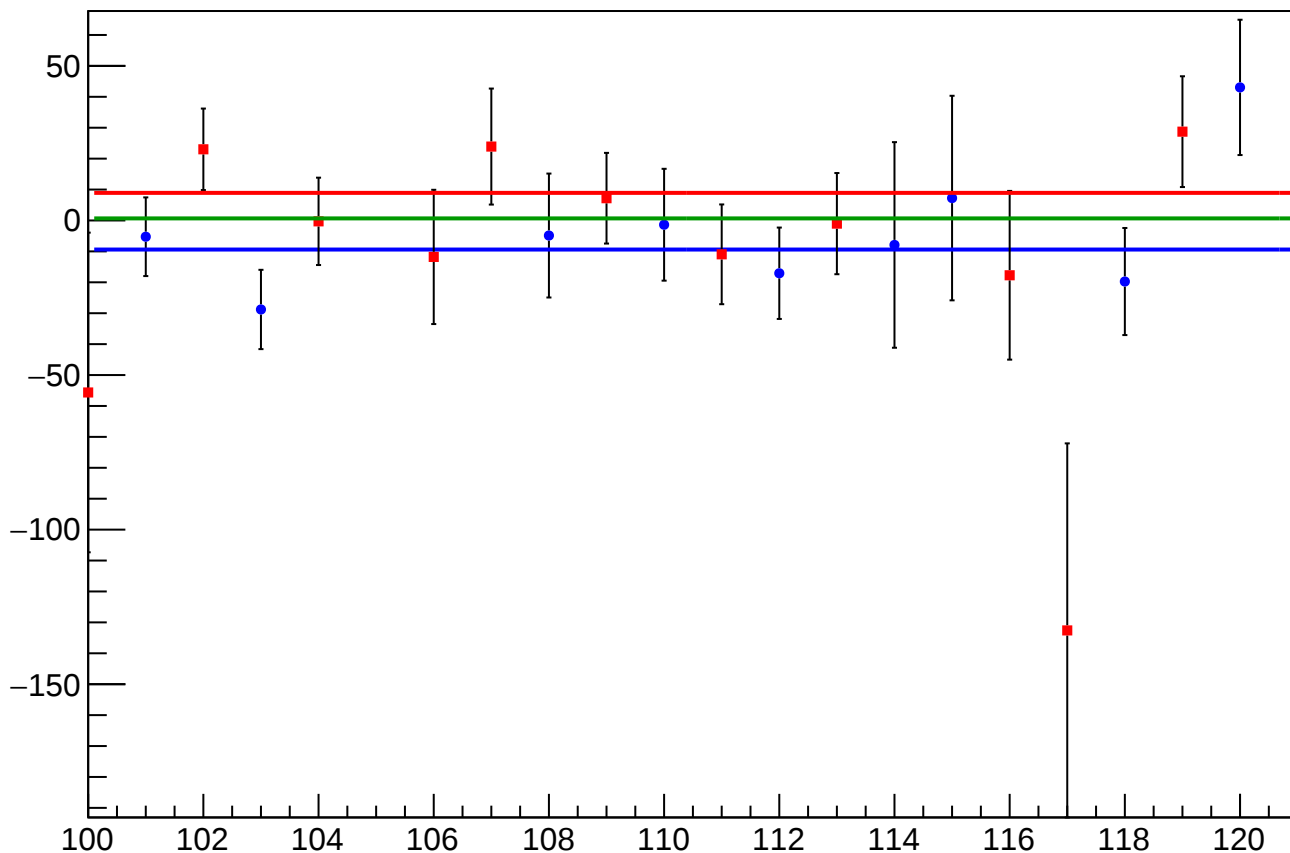
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

170.682 $\pm$ 0.069 χ^2 /NDF: 511832.4/8

162.499 $\pm$ 0.044 χ^2 /NDF: 1524180.7/20

156.788 $\pm$ 0.058 χ^2 /NDF: 988701.7/11

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -9.404+/-5.810 χ^2/NDF : 9.3/8

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

Right Out: 8.927+/-5.261 χ^2/NDF : 19.3/11

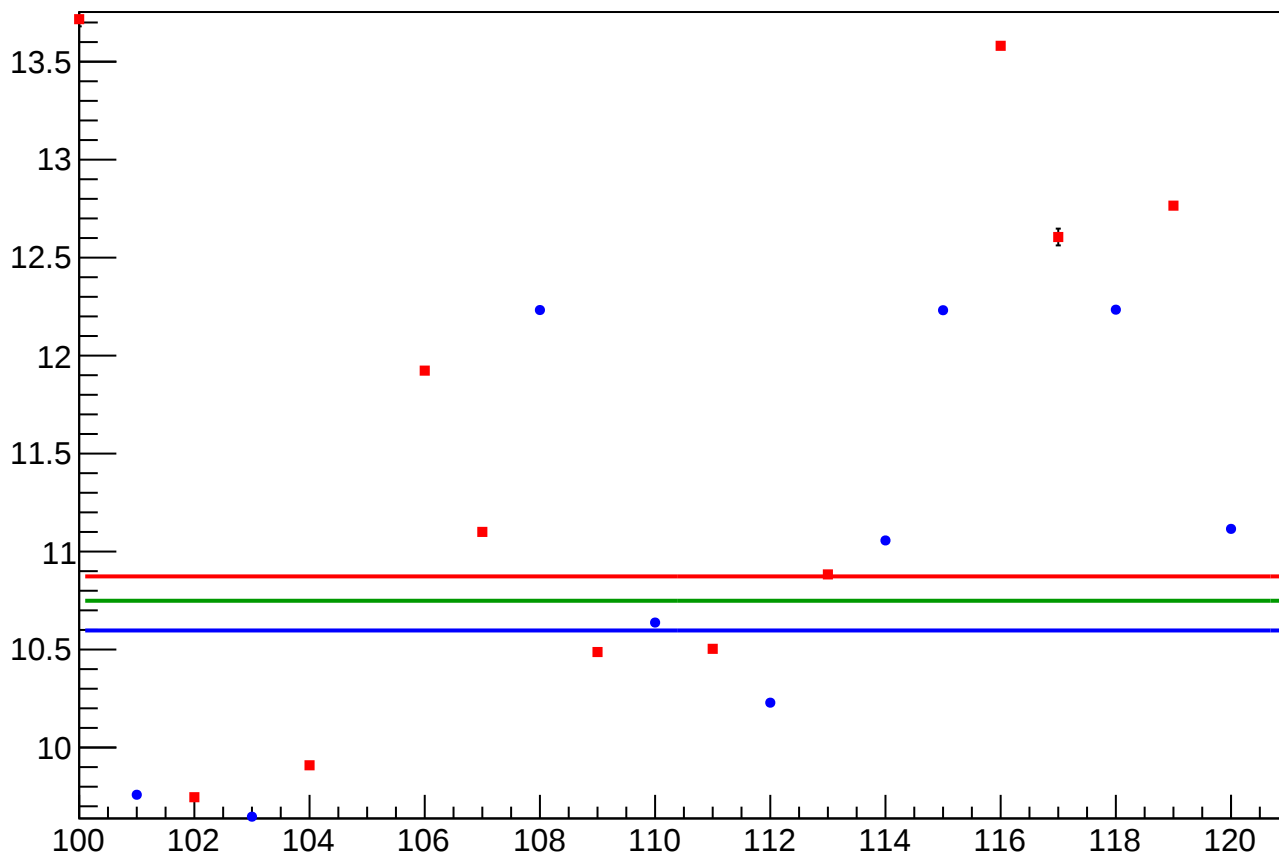
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-9.404+/-5.810 χ^2/NDF : 9.3/8

0.668+/-3.900 χ^2/NDF : 34.0/20

8.927+/-5.261 χ^2/NDF : 19.3/11

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.597 $\pm$ 0.004 χ^2 /NDF: 58493.3/8

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

Right Out: 10.873 $\pm$ 0.004 χ^2 /NDF: 81230.8/11

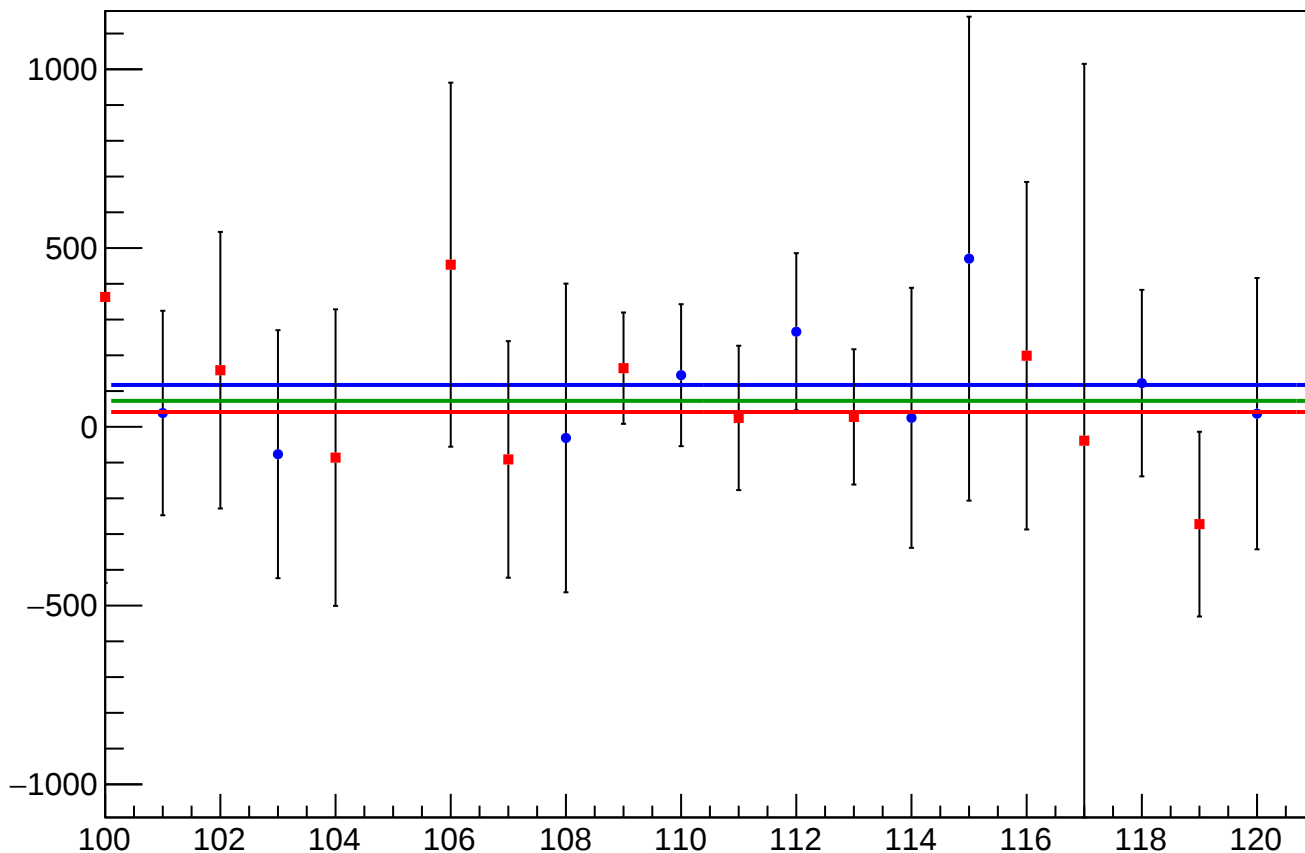
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

10.597 $\pm$ 0.004 χ^2 /NDF: 58493.3/8

10.749 $\pm$ 0.003 χ^2 /NDF: 142202.8/20

10.873 $\pm$ 0.004 χ^2 /NDF: 81230.8/11

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: 117.099 $\pm$ 98.366 χ^2 /NDF: 1.4/8

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

Right Out: 41.448 $\pm$ 82.215 χ^2 /NDF: 3.5/11

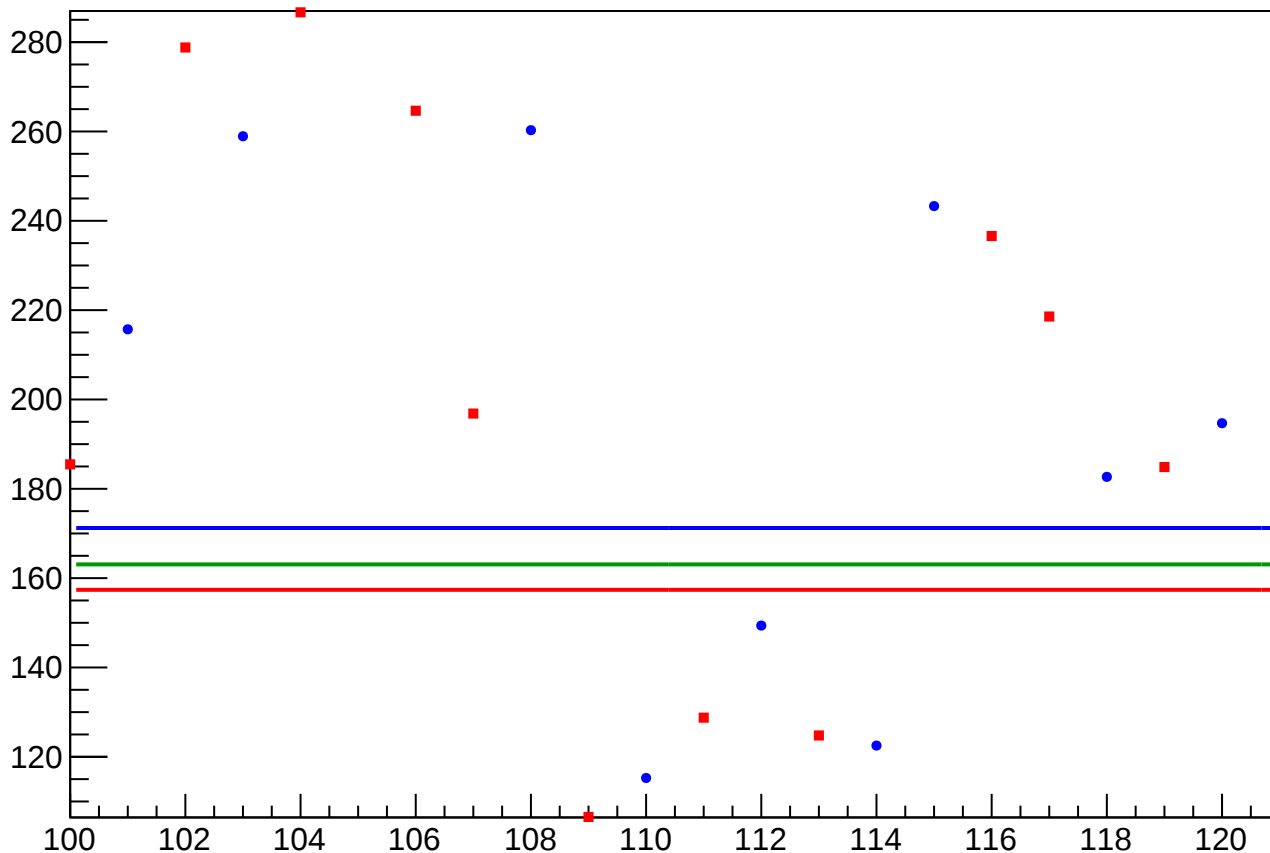
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

117.099 $\pm$ 98.366 χ^2 /NDF: 1.4/8

72.561 $\pm$ 63.083 χ^2 /NDF: 5.3/20

41.448 $\pm$ 82.215 χ^2 /NDF: 3.5/11

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 171.225+/-0.070 χ^2/NDF : 510086.5/8

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

Right Out: 157.385+/-0.058 χ^2/NDF : 985222.8/11

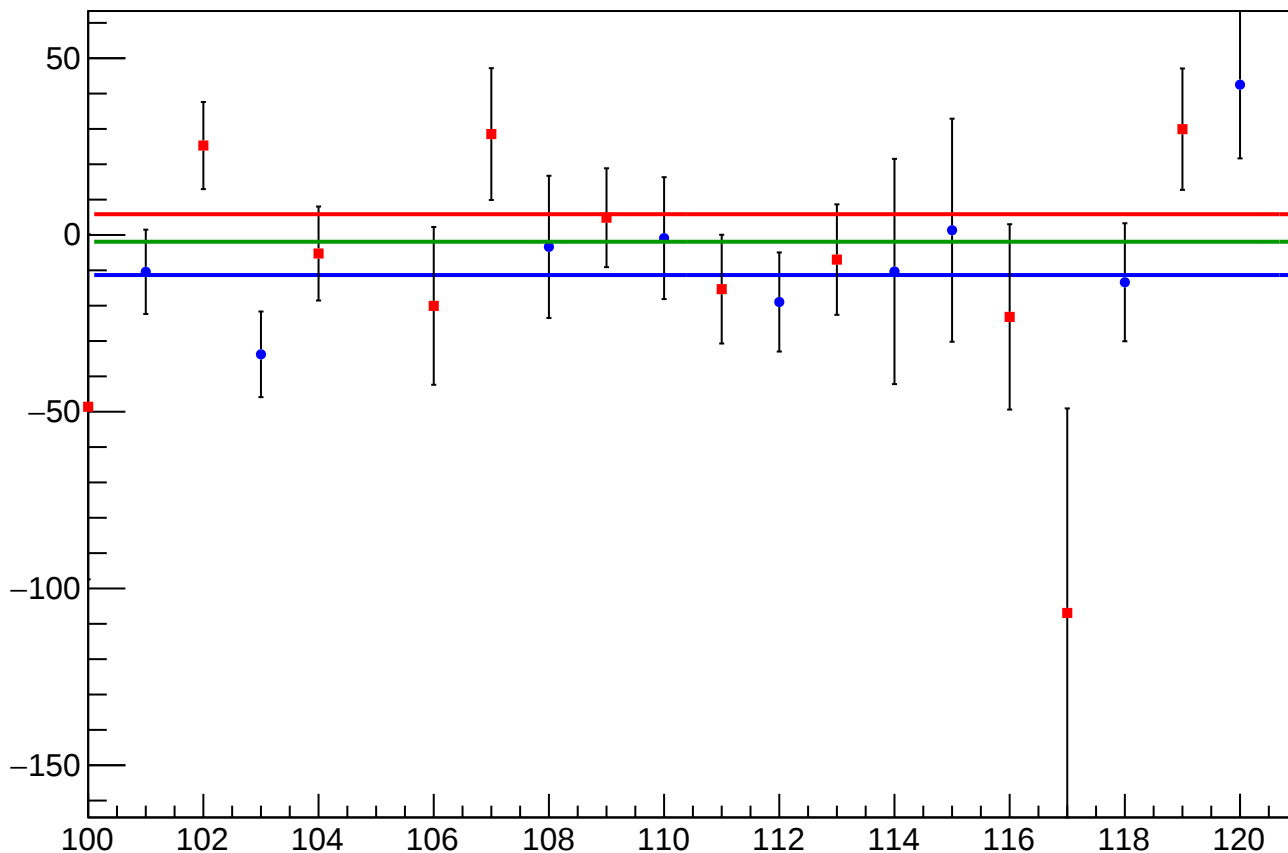
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

171.225+/-0.070 χ^2/NDF : 510086.5/8

163.077+/-0.045 χ^2/NDF : 1518619.6/20

157.385+/-0.058 χ^2/NDF : 985222.8/11

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -11.335 $\pm$ 5.535 χ^2 /NDF: 11.1/8

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

Right Out: 5.874 $\pm$ 5.033 χ^2 /NDF: 19.1/11

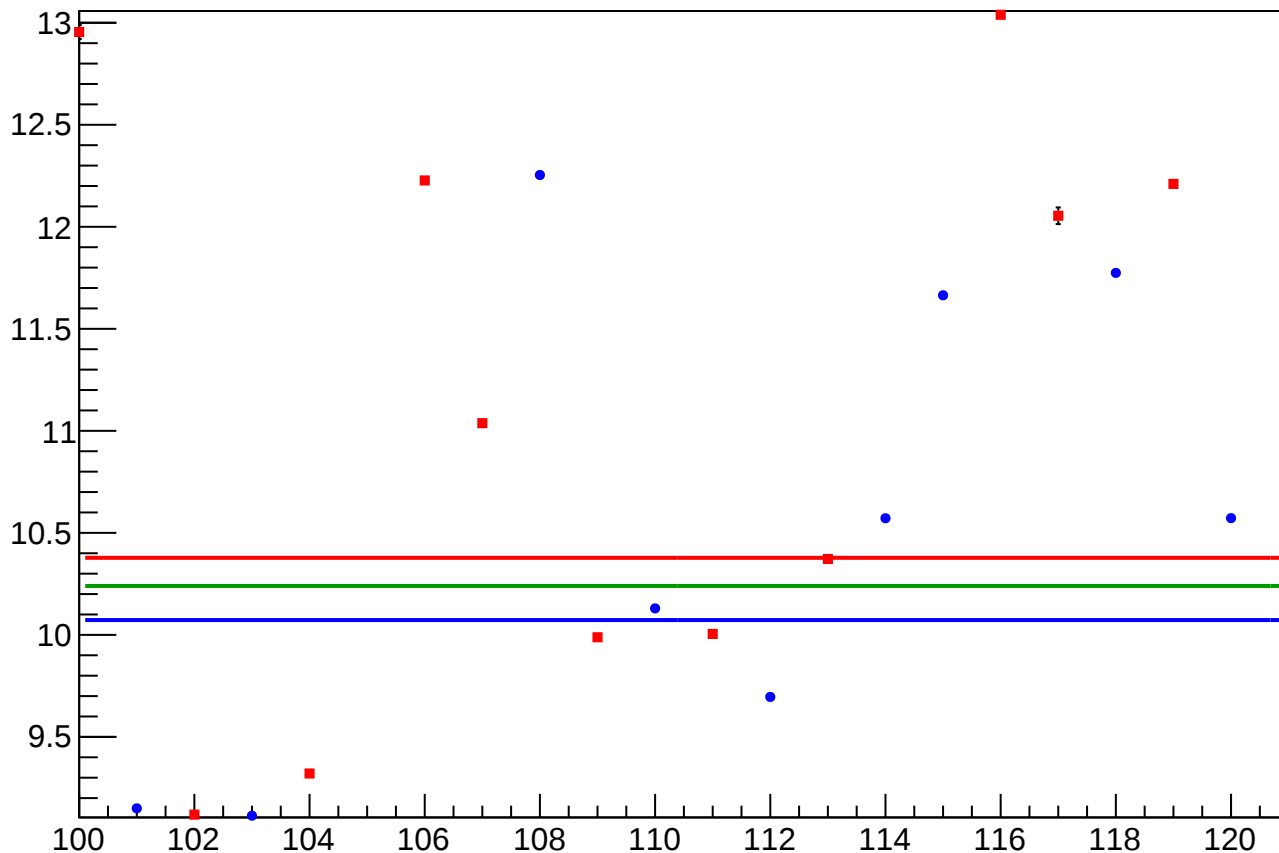
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-11.335 $\pm$ 5.535 χ^2 /NDF: 11.1/8

-1.915 $\pm$ 3.724 χ^2 /NDF: 35.5/20

5.874 $\pm$ 5.033 χ^2 /NDF: 19.1/11

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.073+/-0.004 χ^2/NDF : 77003.6/8

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

Right Out: 10.378+/-0.004 χ^2/NDF : 103300.2/11

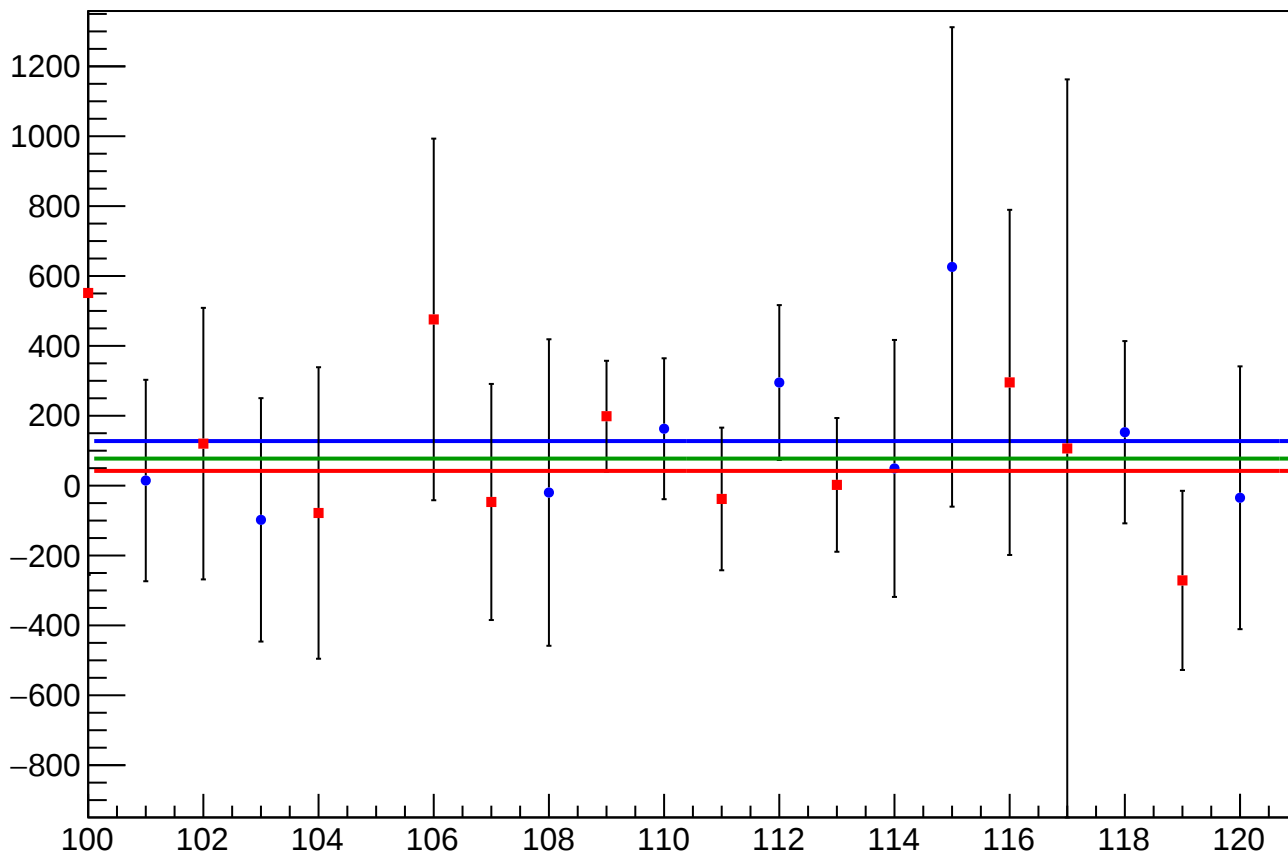
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.073+/-0.004 χ^2/NDF : 77003.6/8

10.240+/-0.003 χ^2/NDF : 183629.8/20

10.378+/-0.004 χ^2/NDF : 103300.2/11

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 127.564 $\pm$ 99.154 χ^2 /NDF: 2.1/8

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

Right Out: 42.175 $\pm$ 83.129 χ^2 /NDF: 4.4/11

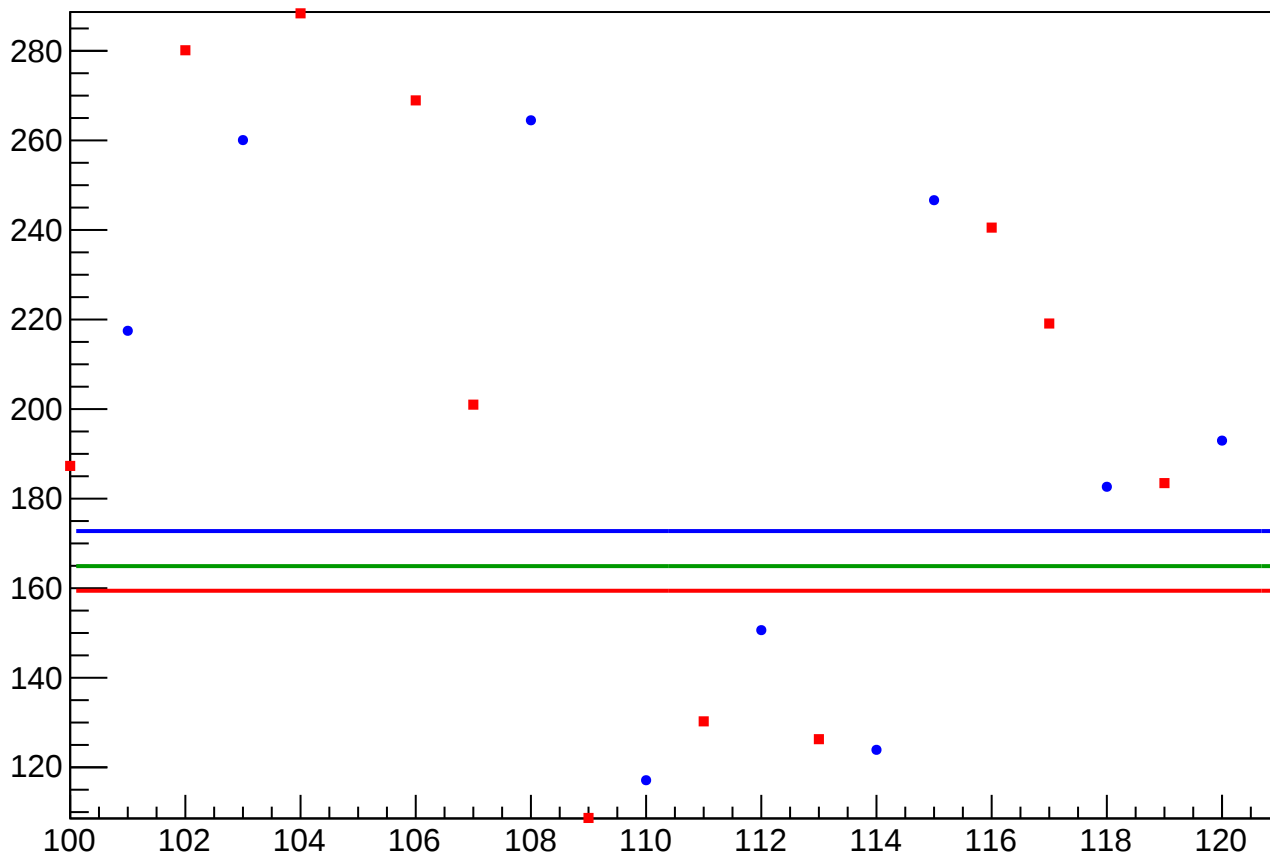
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

127.564 $\pm$ 99.154 χ^2 /NDF: 2.1/8

77.420 $\pm$ 63.703 χ^2 /NDF: 6.9/20

42.175 $\pm$ 83.129 χ^2 /NDF: 4.4/11

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 172.760+/-0.070 χ^2/NDF : 500601.4/8

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

Right Out: 159.431+/-0.059 χ^2/NDF : 964336.5/11

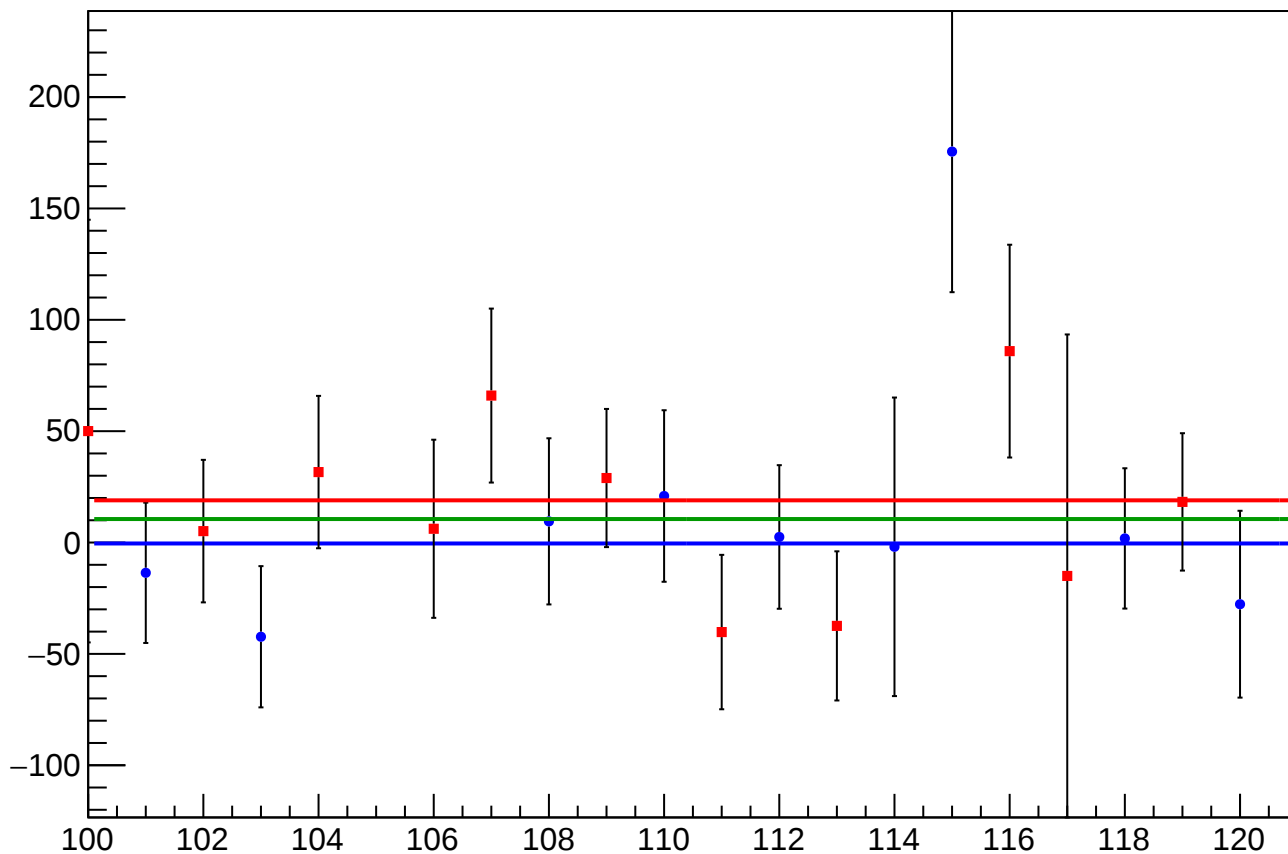
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

172.760+/-0.070 χ^2/NDF : 500601.4/8

164.933+/-0.045 χ^2/NDF : 1486161.8/20

159.431+/-0.059 χ^2/NDF : 964336.5/11

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -0.423+/-12.493 χ^2/NDF : 10.5/8

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

Right Out: 18.945+/-10.931 χ^2/NDF : 11.8/11

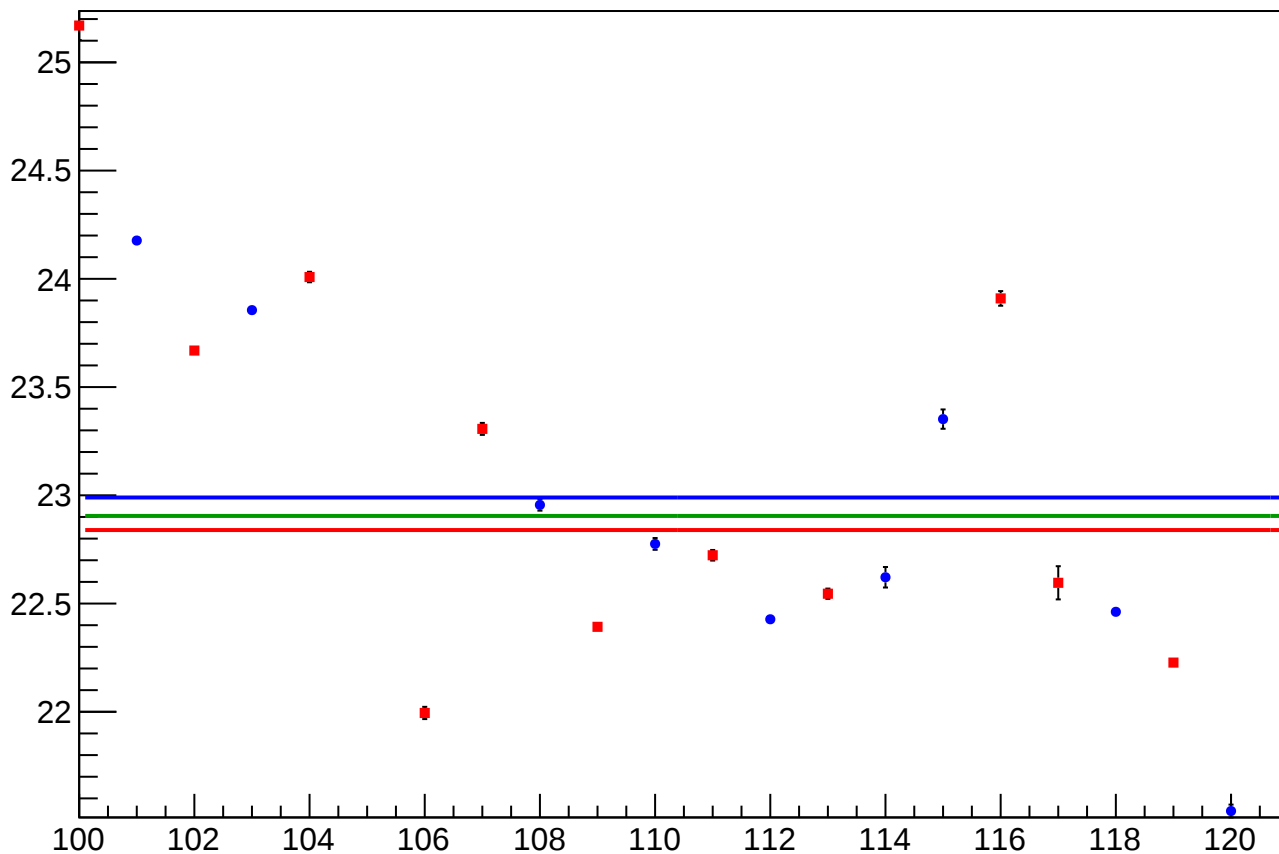
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.423+/-12.493 χ^2/NDF : 10.5/8

10.548+/-8.226 χ^2/NDF : 23.7/20

18.945+/-10.931 χ^2/NDF : 11.8/11

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.990 $\pm$ 0.009 χ^2 /NDF: 8074.8/8

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

Right Out: 22.840 $\pm$ 0.008 χ^2 /NDF: 10142.1/11

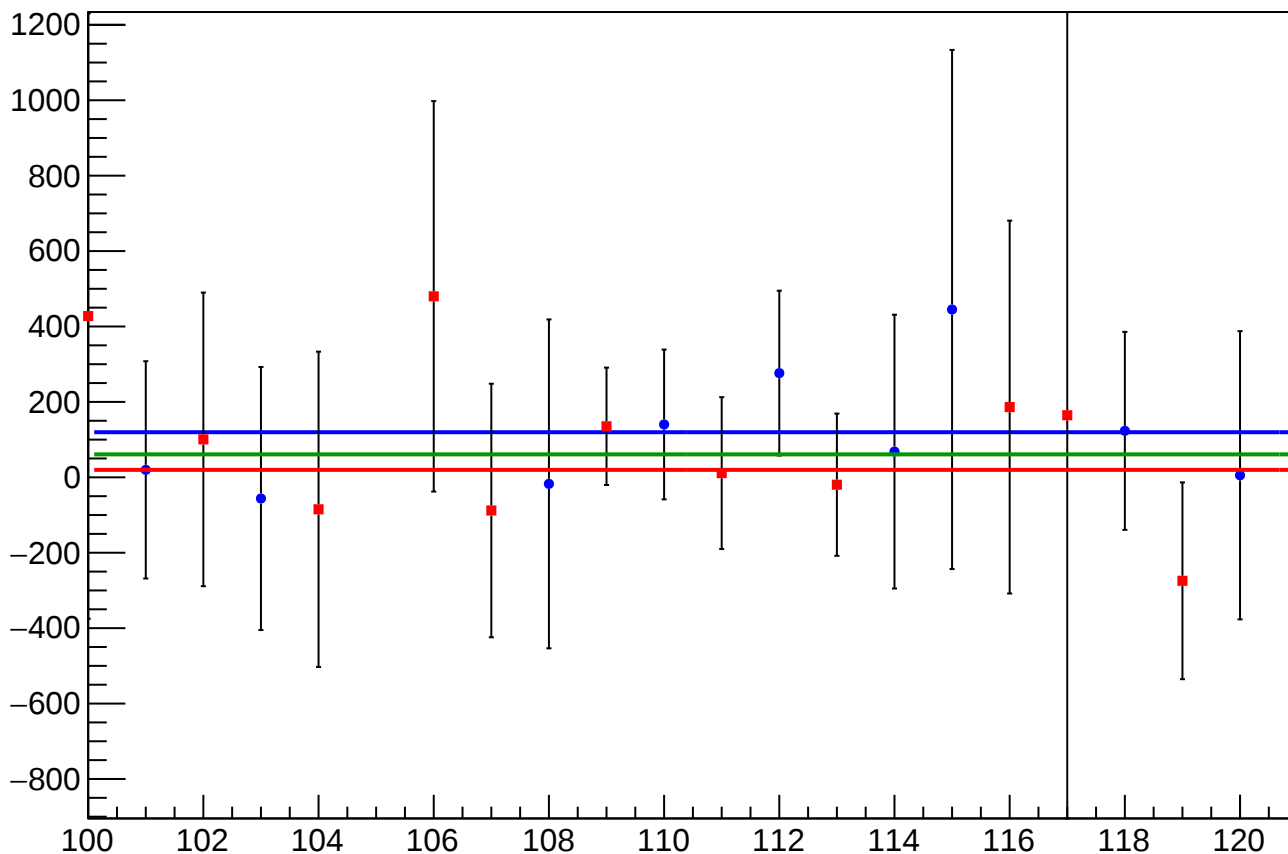
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

22.990 $\pm$ 0.009 χ^2 /NDF: 8074.8/8

22.905 $\pm$ 0.006 χ^2 /NDF: 18380.9/20

22.840 $\pm$ 0.008 χ^2 /NDF: 10142.1/11

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 119.635+/-98.613 χ^2/NDF : 1.3/8

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

Right Out: 19.809+/-82.425 χ^2/NDF : 3.5/11

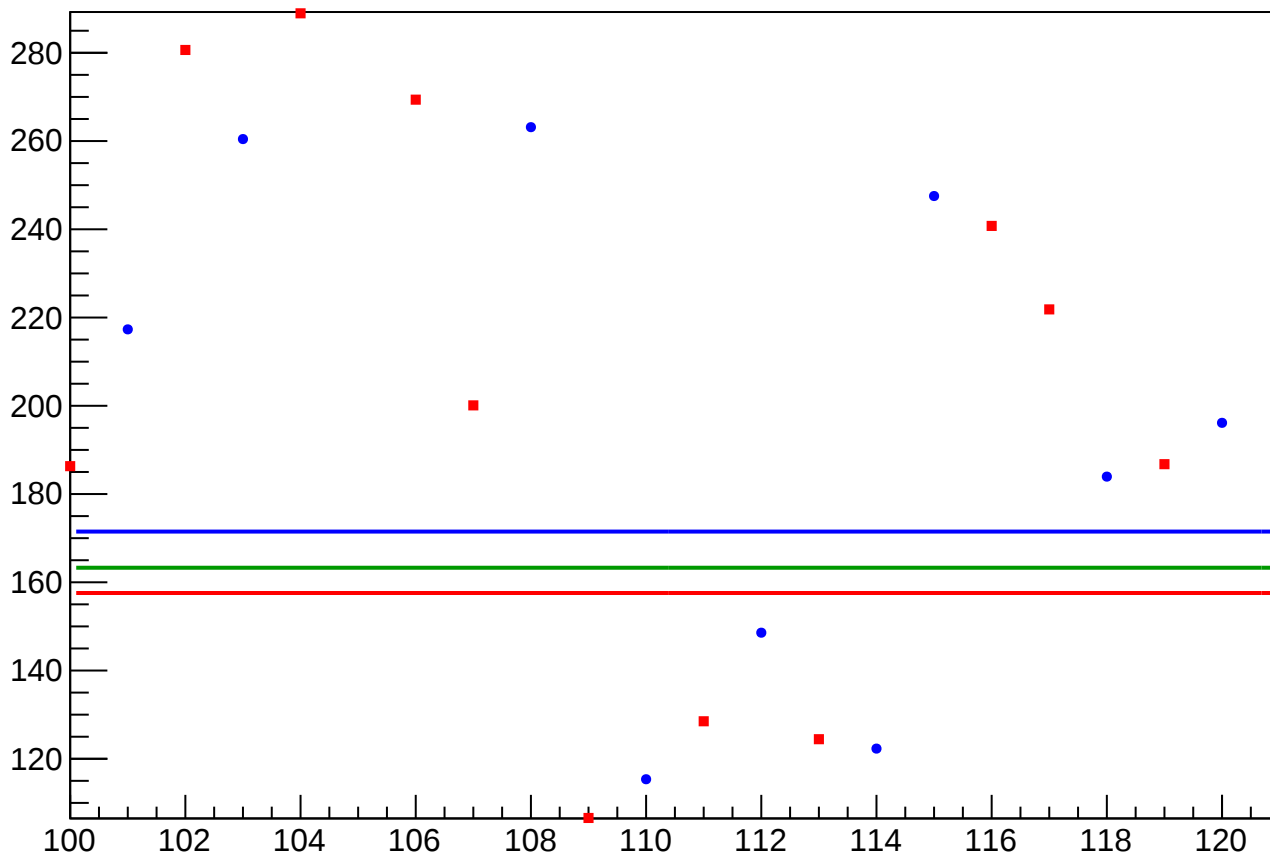
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

119.635+/-98.613 χ^2/NDF : 1.3/8

60.867+/-63.242 χ^2/NDF : 5.4/20

19.809+/-82.425 χ^2/NDF : 3.5/11

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 171.494+/-0.070 χ^2/NDF : 524541.2/8

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

Right Out: 157.572+/-0.058 χ^2/NDF : 1010414.2/11

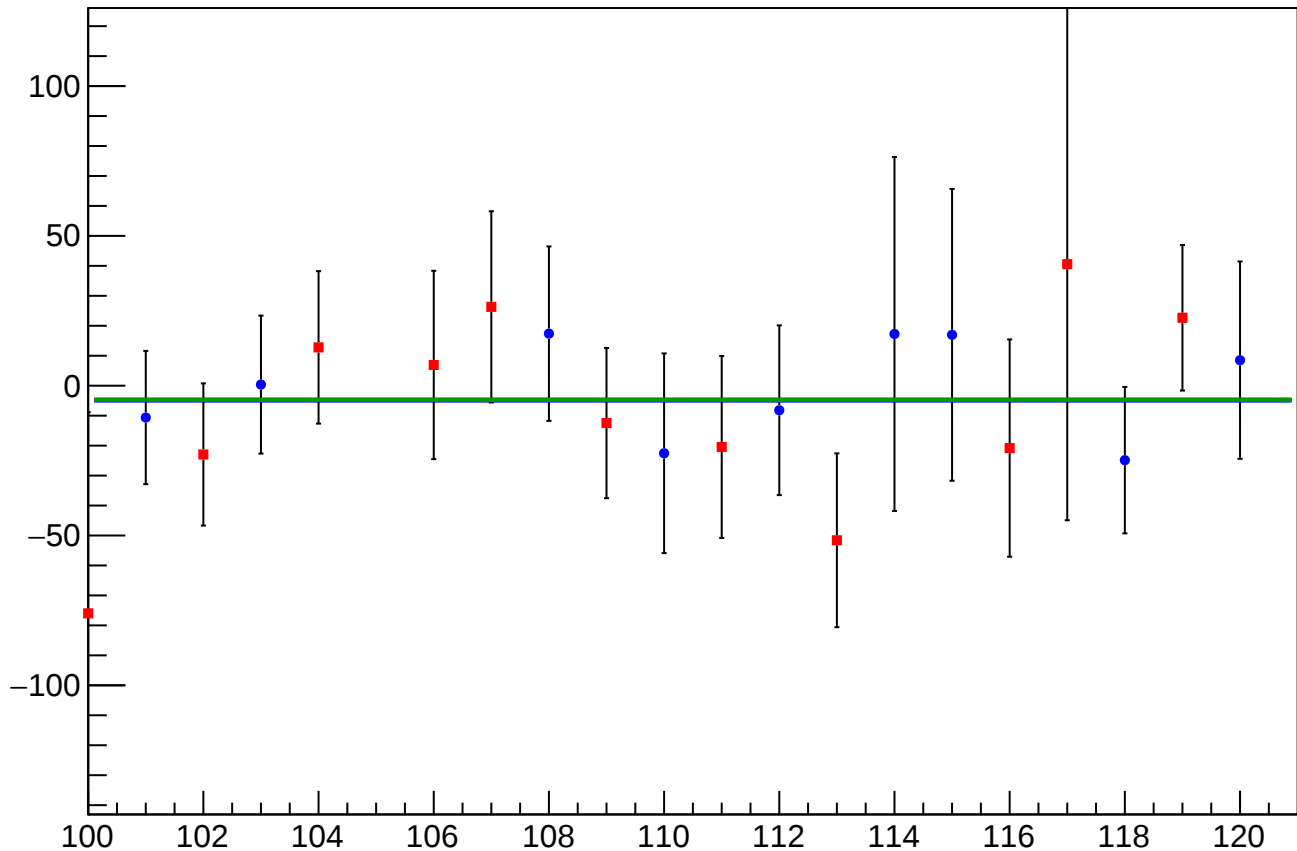
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

171.494+/-0.070 χ^2/NDF : 524541.2/8

163.298+/-0.045 χ^2/NDF : 1558423.6/20

157.572+/-0.058 χ^2/NDF : 1010414.2/11

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.979+/-9.741 χ^2/NDF : 2.2/8

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

Right Out: -4.598+/-8.655 χ^2/NDF : 8.5/11

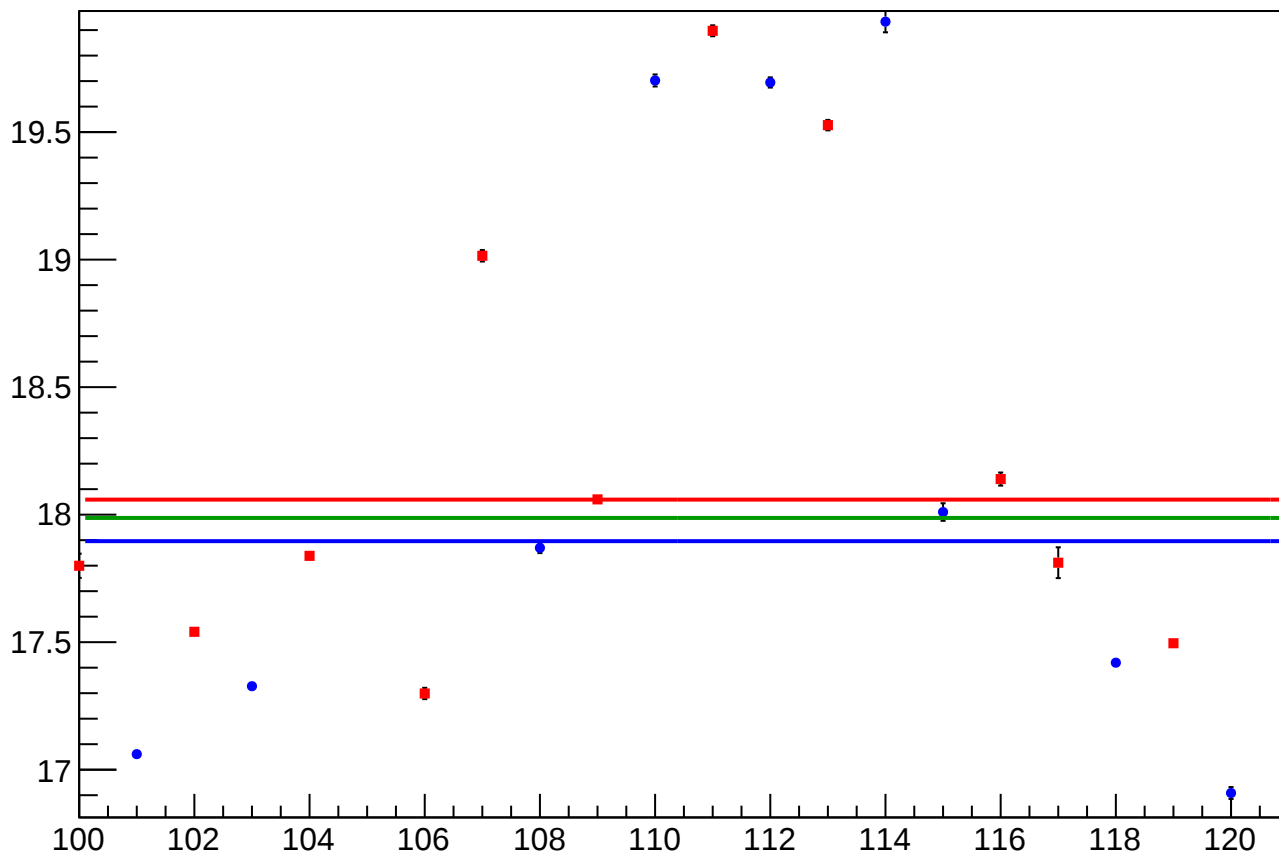
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.979+/-9.741 χ^2/NDF : 2.2/8

-4.766+/-6.470 χ^2/NDF : 10.6/20

-4.598+/-8.655 χ^2/NDF : 8.5/11

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.896+/-0.007 χ^2/NDF : 22930.1/8

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

Right Out: 18.059+/-0.006 χ^2/NDF : 21738.9/11

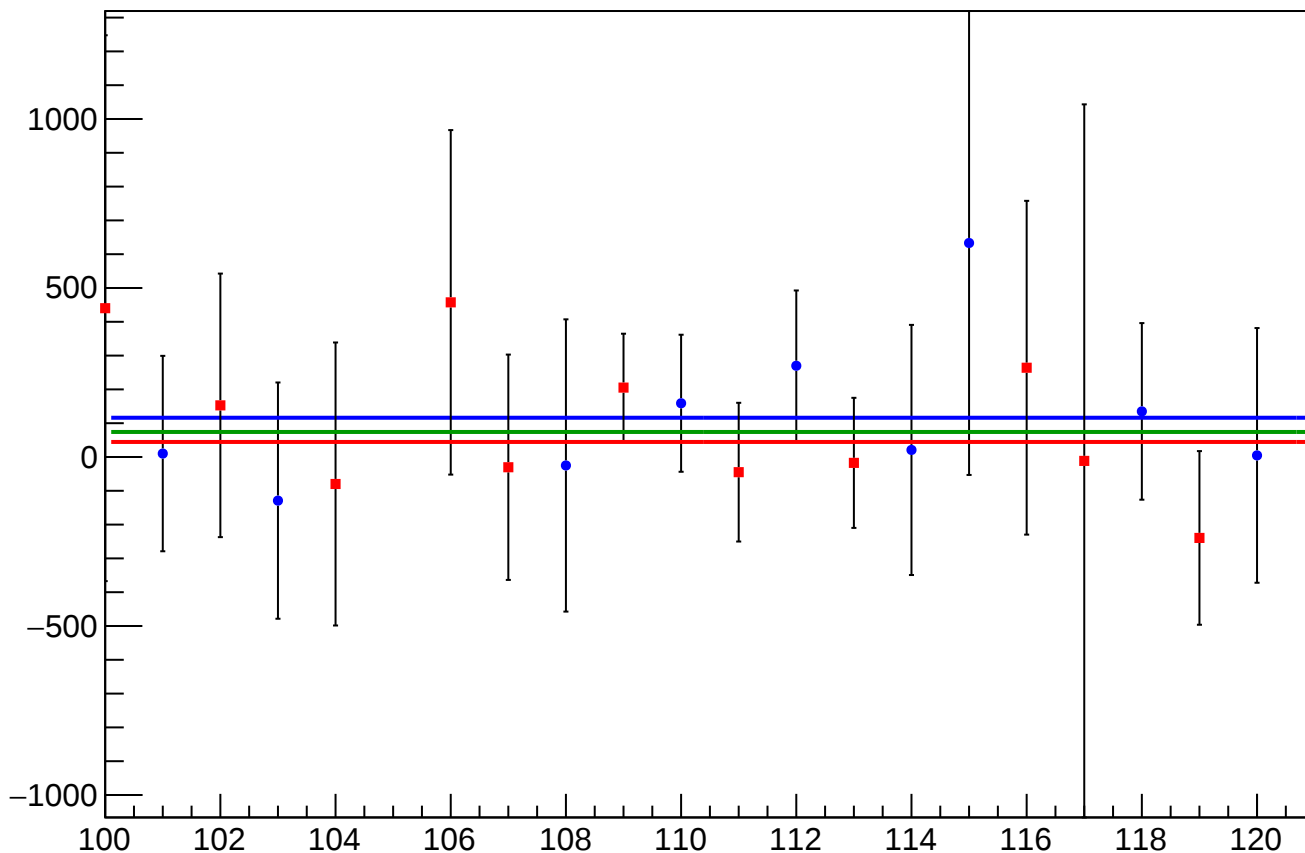
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.896+/-0.007 χ^2/NDF : 22930.1/8

17.987+/-0.005 χ^2/NDF : 44981.4/20

18.059+/-0.006 χ^2/NDF : 21738.9/11

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 116.151+/-99.452 χ^2/NDF : 2.0/8

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

Right Out: 44.503+/-83.354 χ^2/NDF : 3.9/11

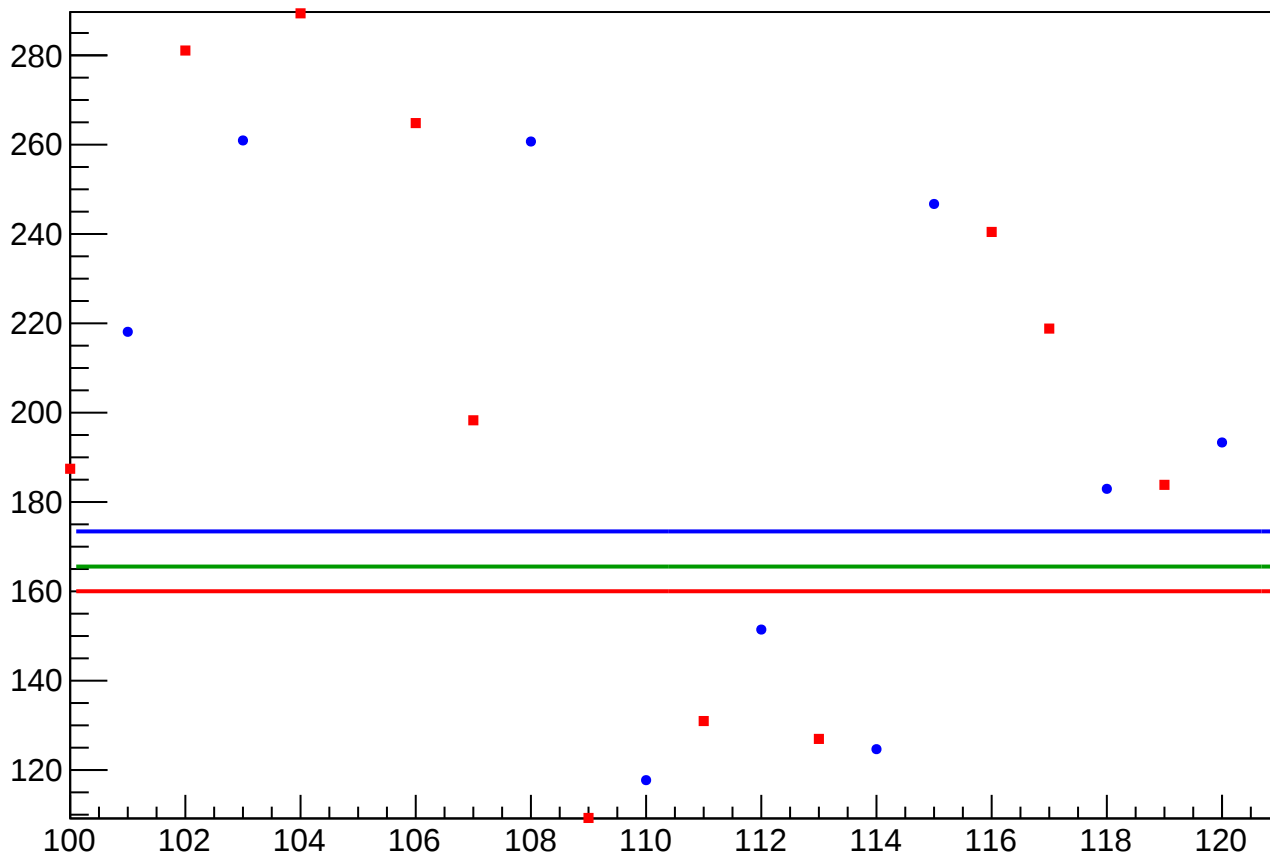
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

116.151+/-99.452 χ^2/NDF : 2.0/8

74.066+/-63.883 χ^2/NDF : 6.2/20

44.503+/-83.354 χ^2/NDF : 3.9/11

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 173.419+/-0.070 χ^2/NDF : 490875.3/8

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

Right Out: 160.022+/-0.059 χ^2/NDF : 949569.7/11

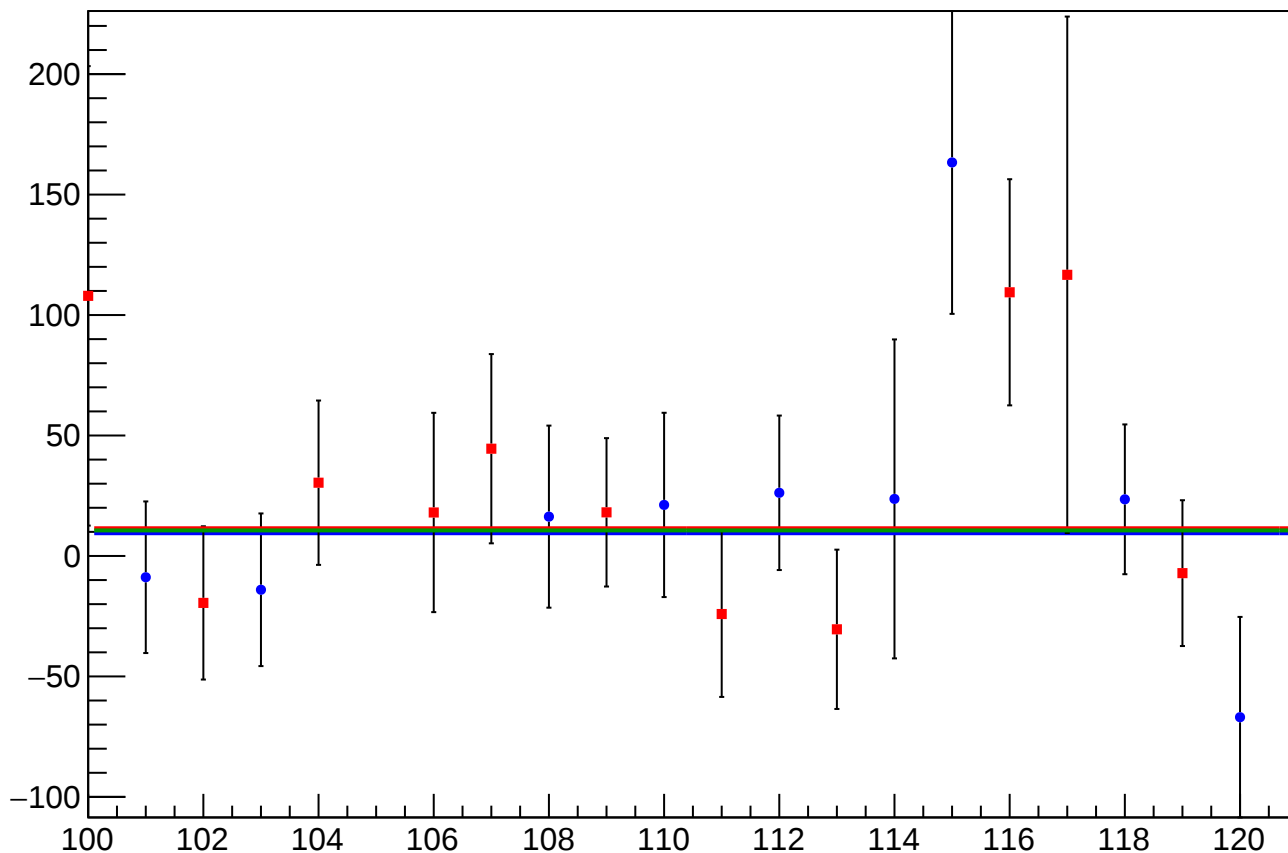
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

173.419+/-0.070 χ^2/NDF : 490875.3/8

165.550+/-0.045 χ^2/NDF : 1461761.1/20

160.022+/-0.059 χ^2/NDF : 949569.7/11

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 9.442 $\pm$ 12.445 χ^2 /NDF: 10.9/8

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

Right Out: 11.497 $\pm$ 10.872 χ^2 /NDF: 11.5/11

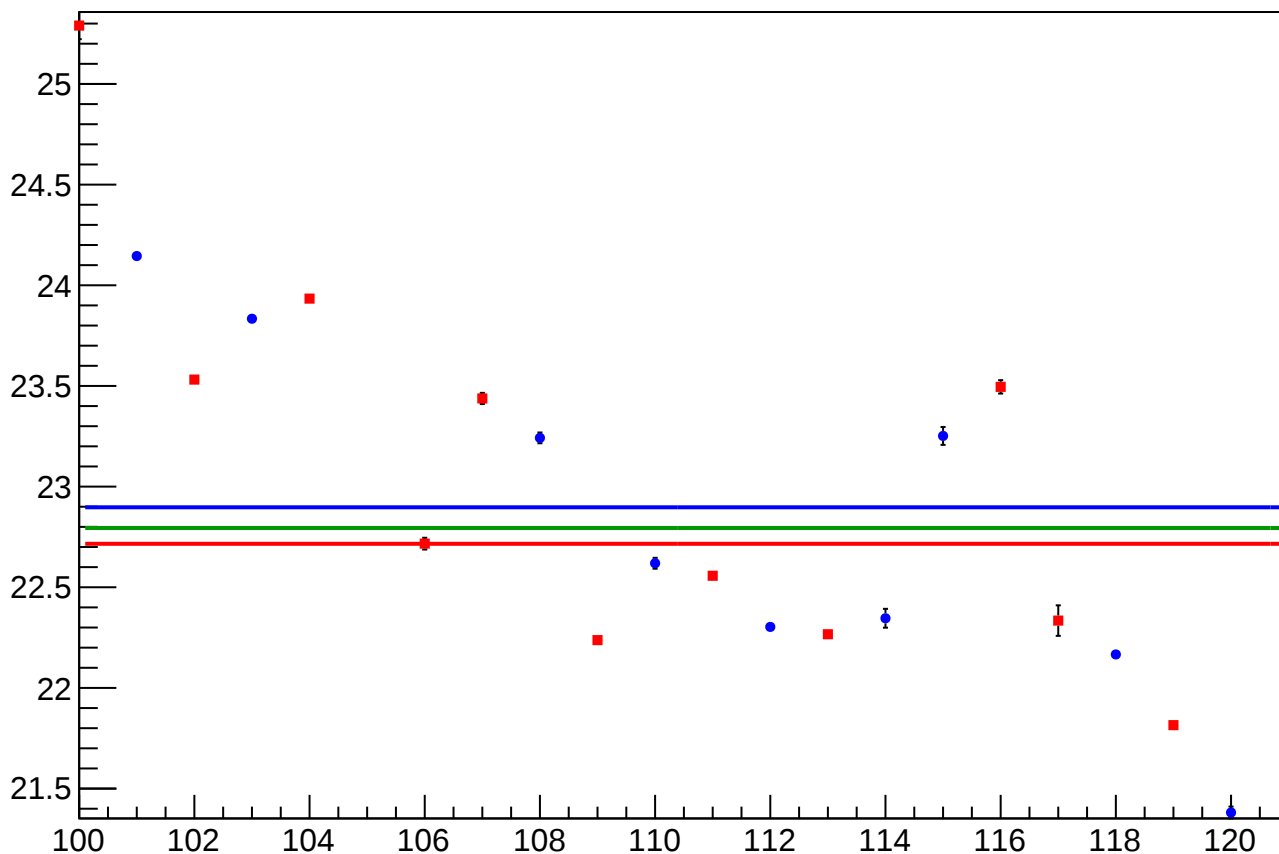
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

9.442 $\pm$ 12.445 χ^2 /NDF: 10.9/8

10.608 $\pm$ 8.187 χ^2 /NDF: 22.4/20

11.497 $\pm$ 10.872 χ^2 /NDF: 11.5/11

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.897+/-0.009 χ^2/NDF : 9816.4/8

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

Right Out: 22.716+/-0.008 χ^2/NDF : 11173.5/11

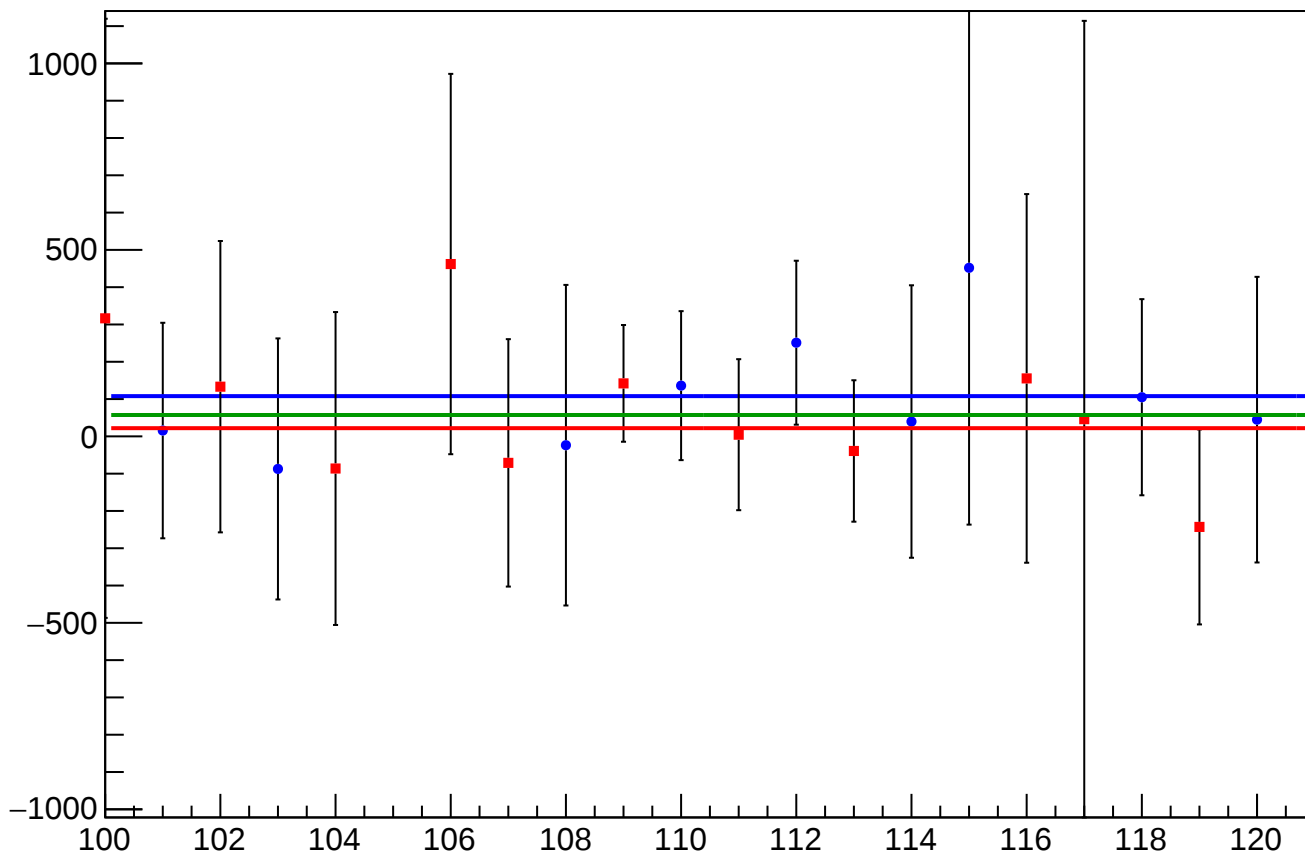
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.897+/-0.009 χ^2/NDF : 9816.4/8

22.794+/-0.006 χ^2/NDF : 21230.6/20

22.716+/-0.008 χ^2/NDF : 11173.5/11

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 107.890 $\pm$ 98.916 χ^2 /NDF: 1.3/8

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

Right Out: 21.955 $\pm$ 82.655 χ^2 /NDF: 3.0/11

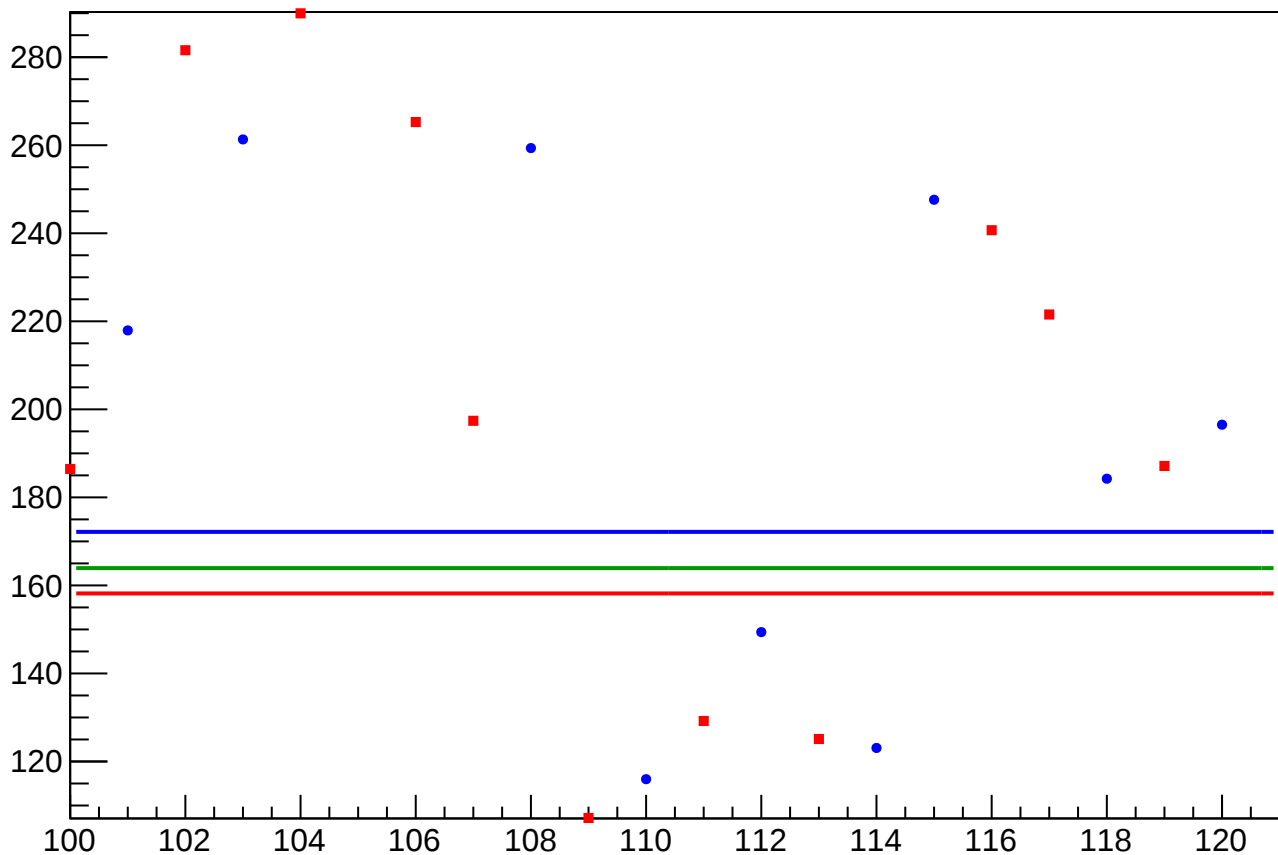
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

107.890 $\pm$ 98.916 χ^2 /NDF: 1.3/8

57.288 $\pm$ 63.426 χ^2 /NDF: 4.7/20

21.955 $\pm$ 82.655 χ^2 /NDF: 3.0/11

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 172.165+/-0.070 χ^2/NDF : 514404.4/8

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

Right Out: 158.179+/-0.058 χ^2/NDF : 995053.1/11

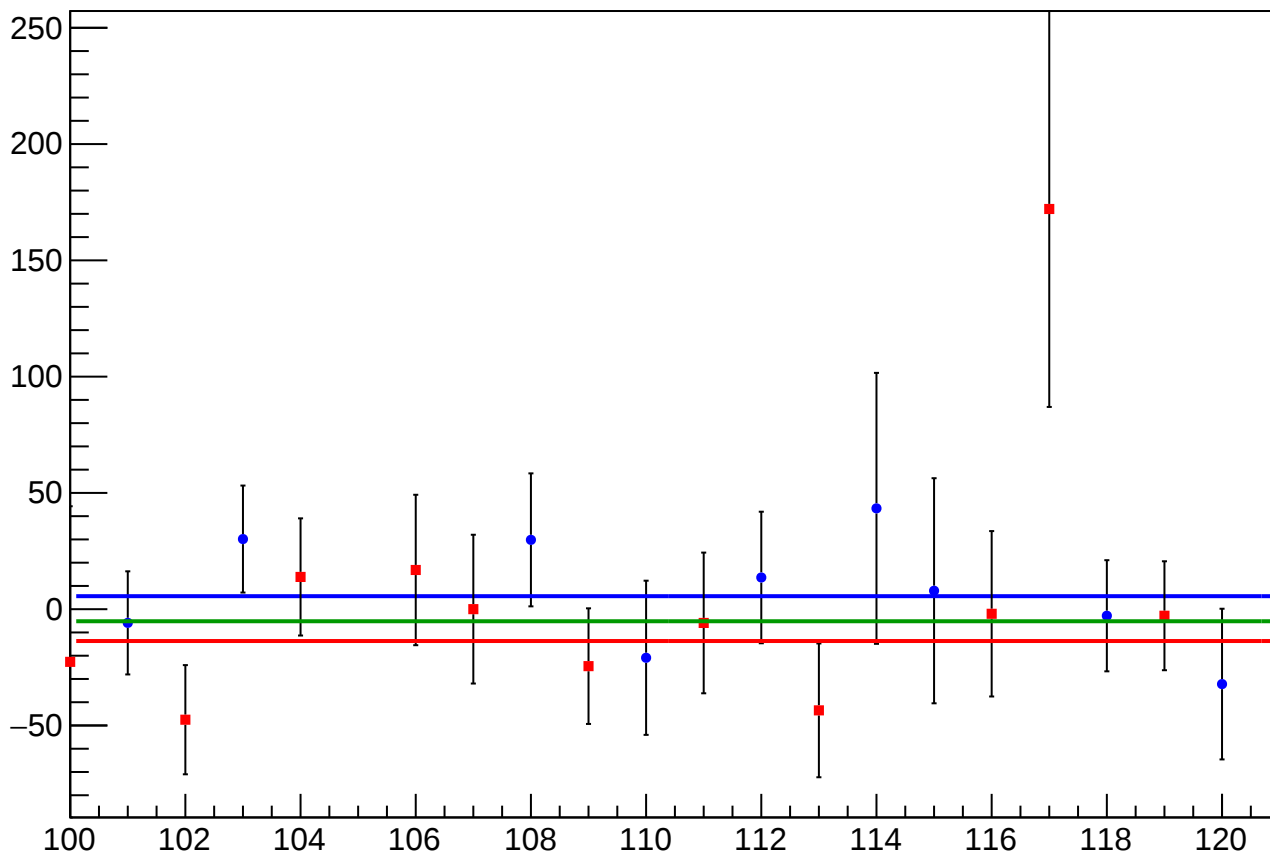
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

172.165+/-0.070 χ^2/NDF : 514404.4/8

163.929+/-0.045 χ^2/NDF : 1533001.3/20

158.179+/-0.058 χ^2/NDF : 995053.1/11

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 5.599 ± 9.652 χ^2/NDF : 4.8/8

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

Right Out: -13.687 ± 8.573 χ^2/NDF : 11.5/11

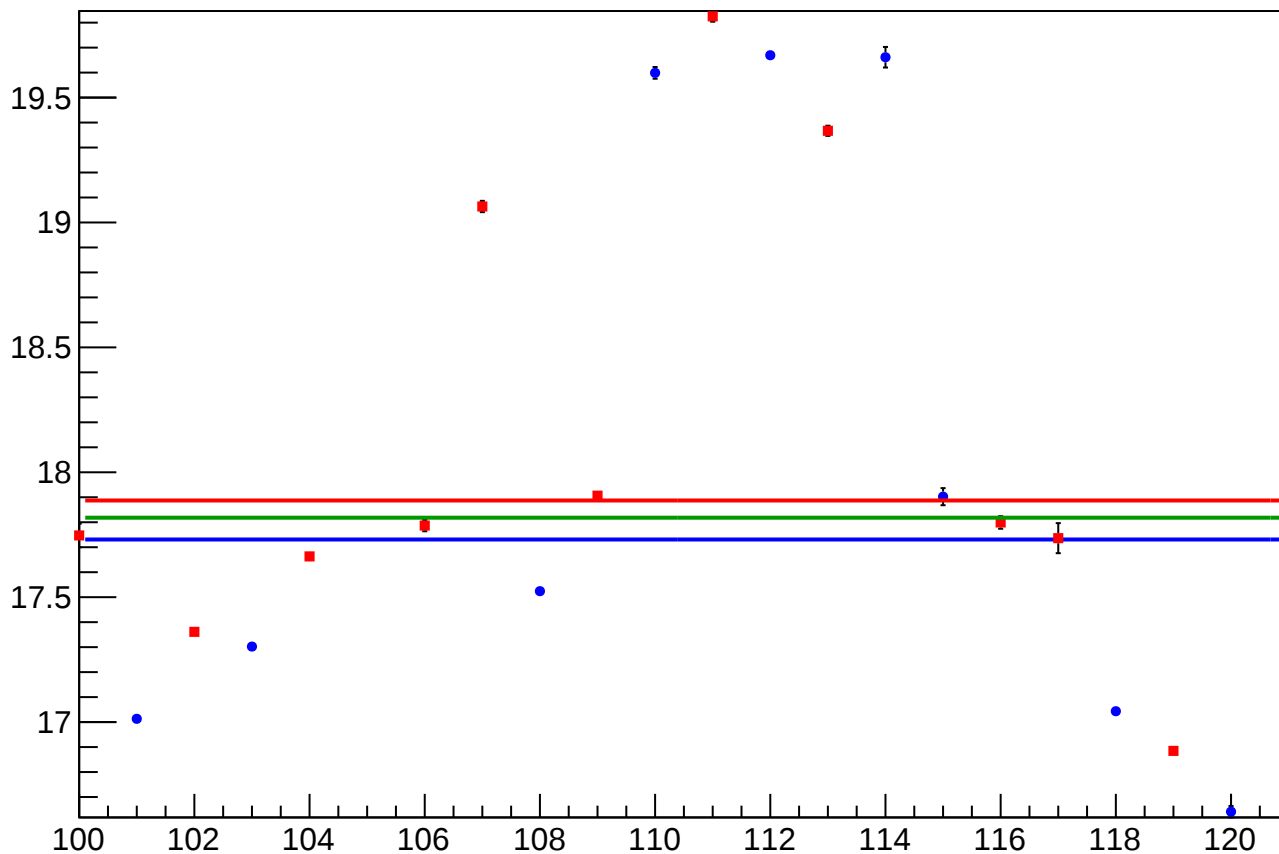
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

5.599 ± 9.652 χ^2/NDF : 4.8/8

-5.182 ± 6.410 χ^2/NDF : 18.5/20

-13.687 ± 8.573 χ^2/NDF : 11.5/11

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.731 ± 0.007 $\chi^2/\text{NDF}: 24782.5/8$

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

Right Out: 17.887 ± 0.006 $\chi^2/\text{NDF}: 25424.5/11$

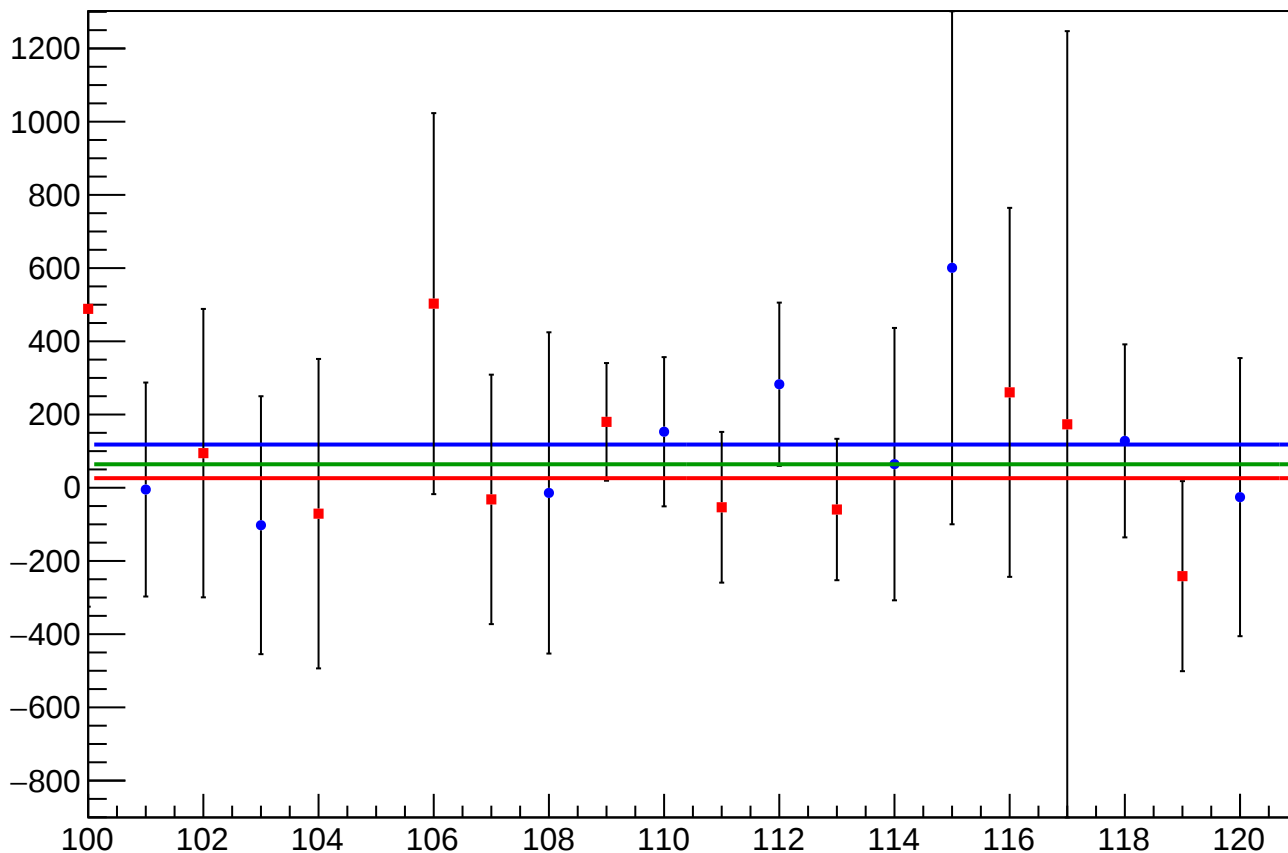
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

17.731 ± 0.007 $\chi^2/\text{NDF}: 24782.5/8$

17.818 ± 0.005 $\chi^2/\text{NDF}: 50499.7/20$

17.887 ± 0.006 $\chi^2/\text{NDF}: 25424.5/11$

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 118.018 $\pm$ 100.142 χ^2 /NDF: 1.9/8

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

Right Out: 26.141 $\pm$ 84.035 χ^2 /NDF: 3.9/11

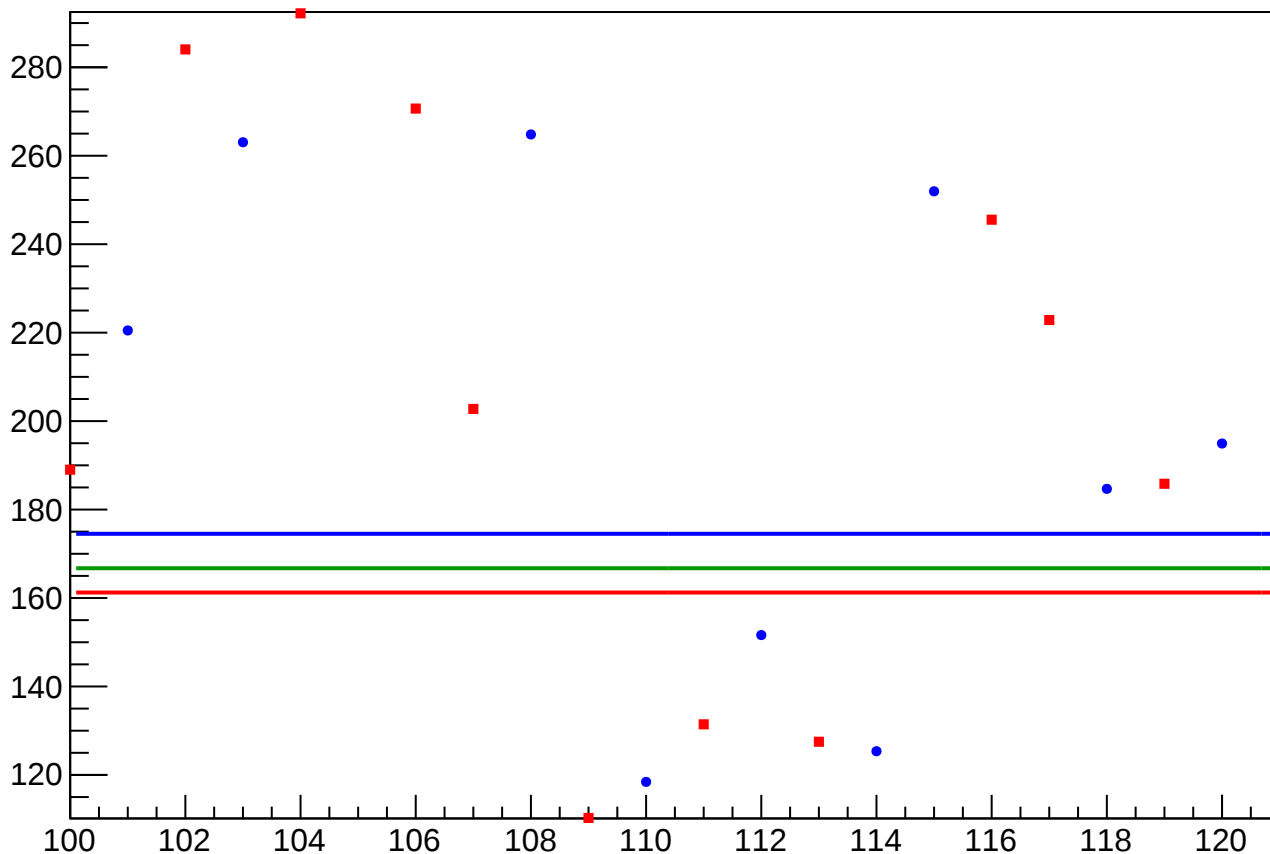
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

118.018 $\pm$ 100.142 χ^2 /NDF: 1.9/8

64.105 $\pm$ 64.373 χ^2 /NDF: 6.3/20

26.141 $\pm$ 84.035 χ^2 /NDF: 3.9/11

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 174.521+/-0.071 χ^2/NDF : 501119.3/8

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

Right Out: 161.243+/-0.059 χ^2/NDF : 963685.0/11

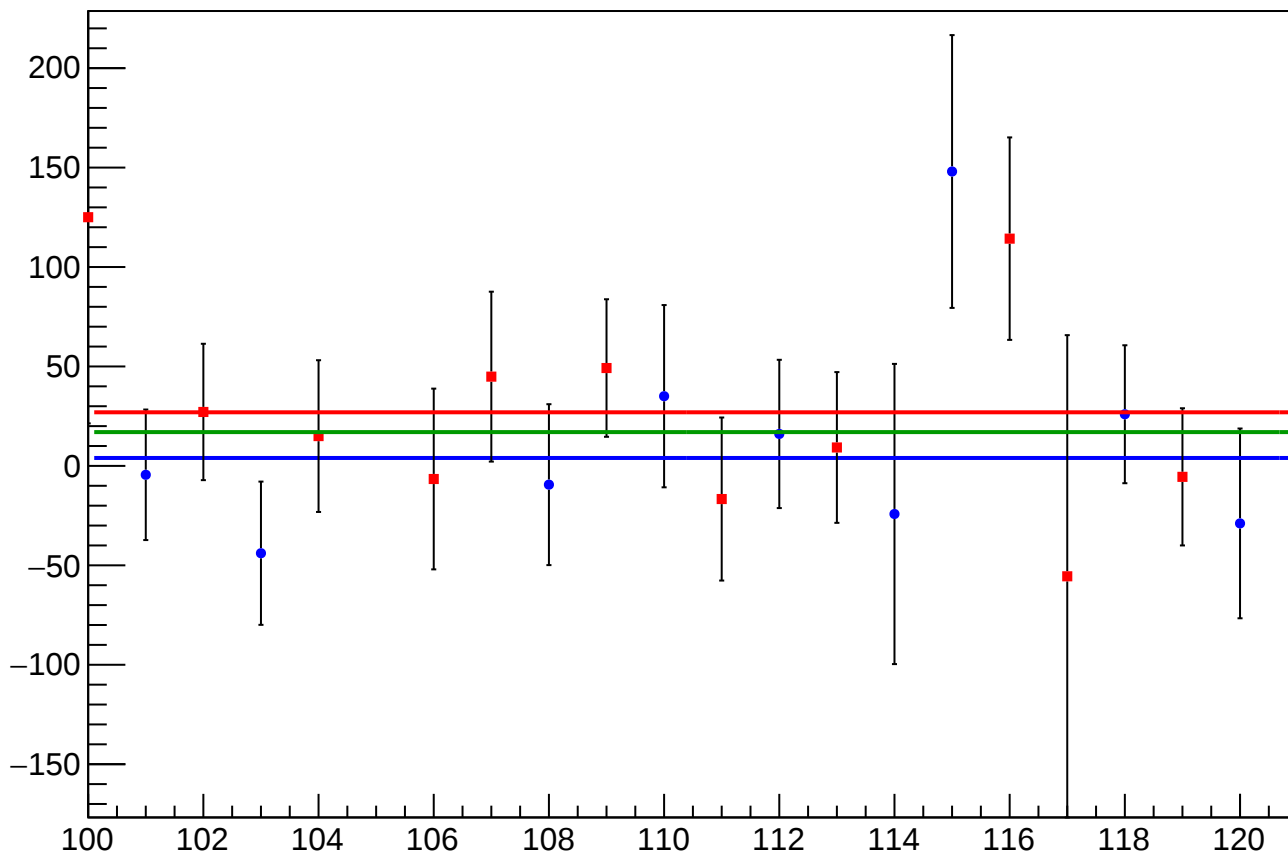
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

174.521+/-0.071 χ^2/NDF : 501119.3/8

166.730+/-0.046 χ^2/NDF : 1485435.8/20

161.243+/-0.059 χ^2/NDF : 963685.0/11

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.987 ± 13.914 $\chi^2/\text{NDF}: 7.9/8$

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

Right Out: 26.951 ± 12.173 $\chi^2/\text{NDF}: 8.7/11$

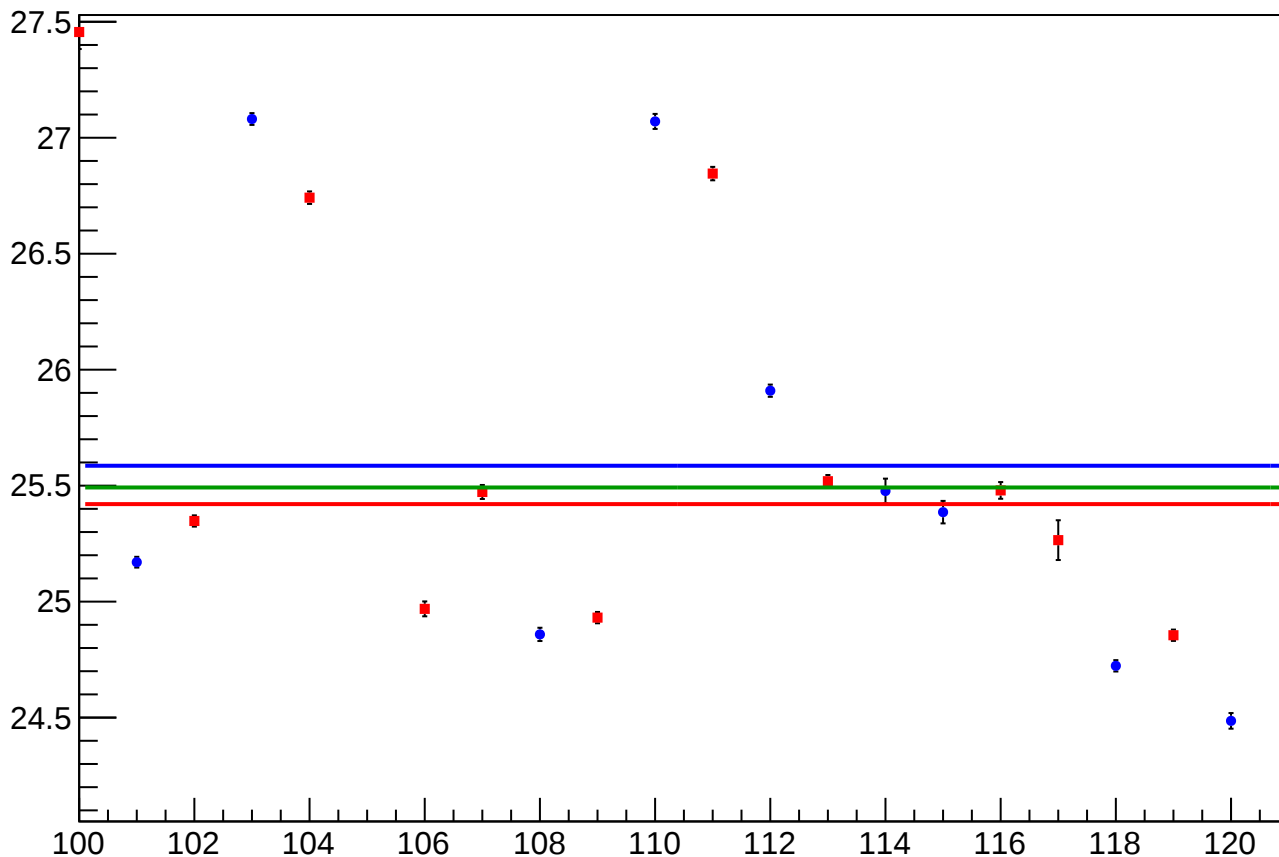
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

3.987 ± 13.914 $\chi^2/\text{NDF}: 7.9/8$

16.995 ± 9.162 $\chi^2/\text{NDF}: 18.1/20$

26.951 ± 12.173 $\chi^2/\text{NDF}: 8.7/11$

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.586+/-0.010 χ^2/NDF : 8984.8/8

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

Right Out: 25.420+/-0.009 χ^2/NDF : 9139.7/11

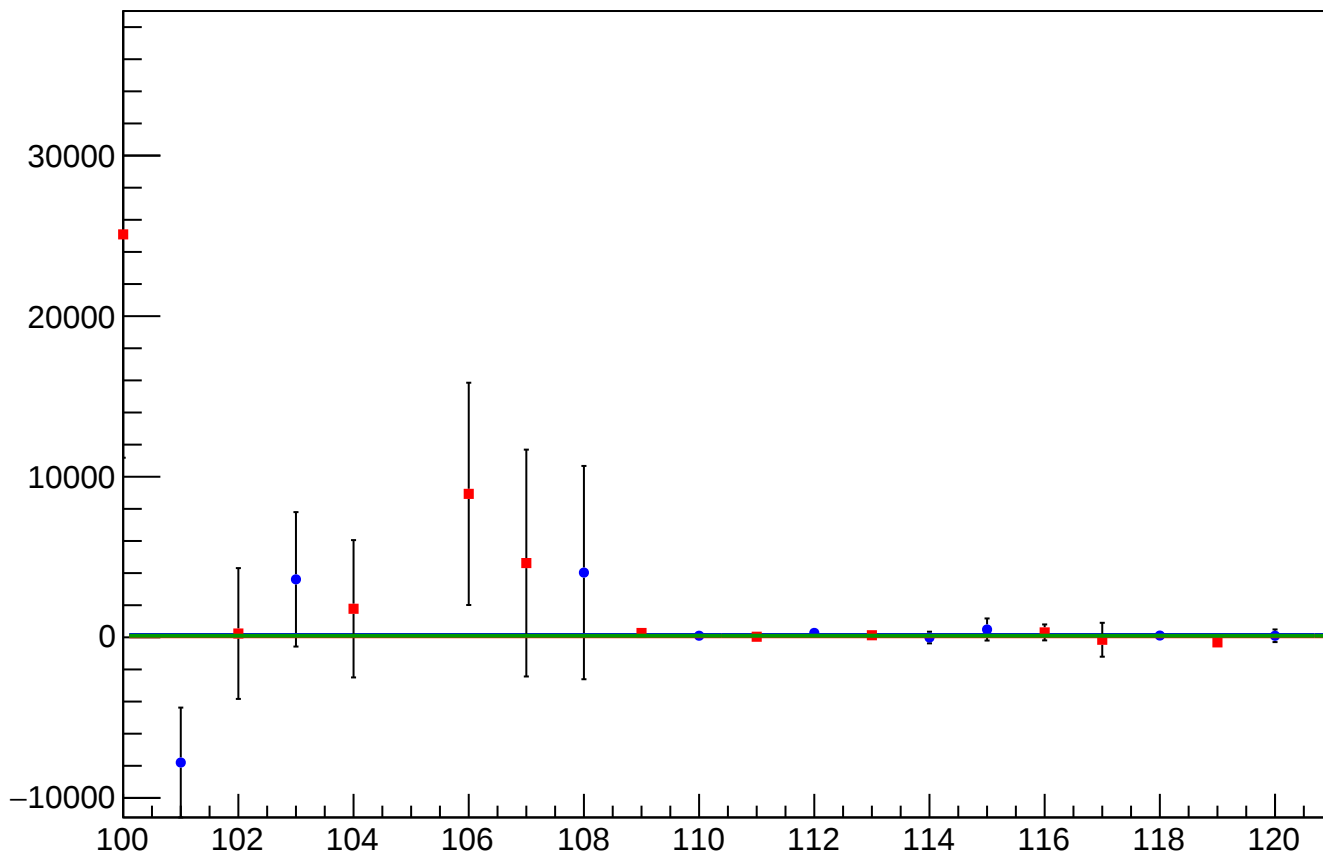
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

25.586+/-0.010 χ^2/NDF : 8984.8/8

25.492+/-0.006 χ^2/NDF : 18284.6/20

25.420+/-0.009 χ^2/NDF : 9139.7/11

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 144.624+/-114.702 χ^2/NDF : 7.3/8

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

Right Out: 68.703+/-100.212 χ^2/NDF : 9.0/11

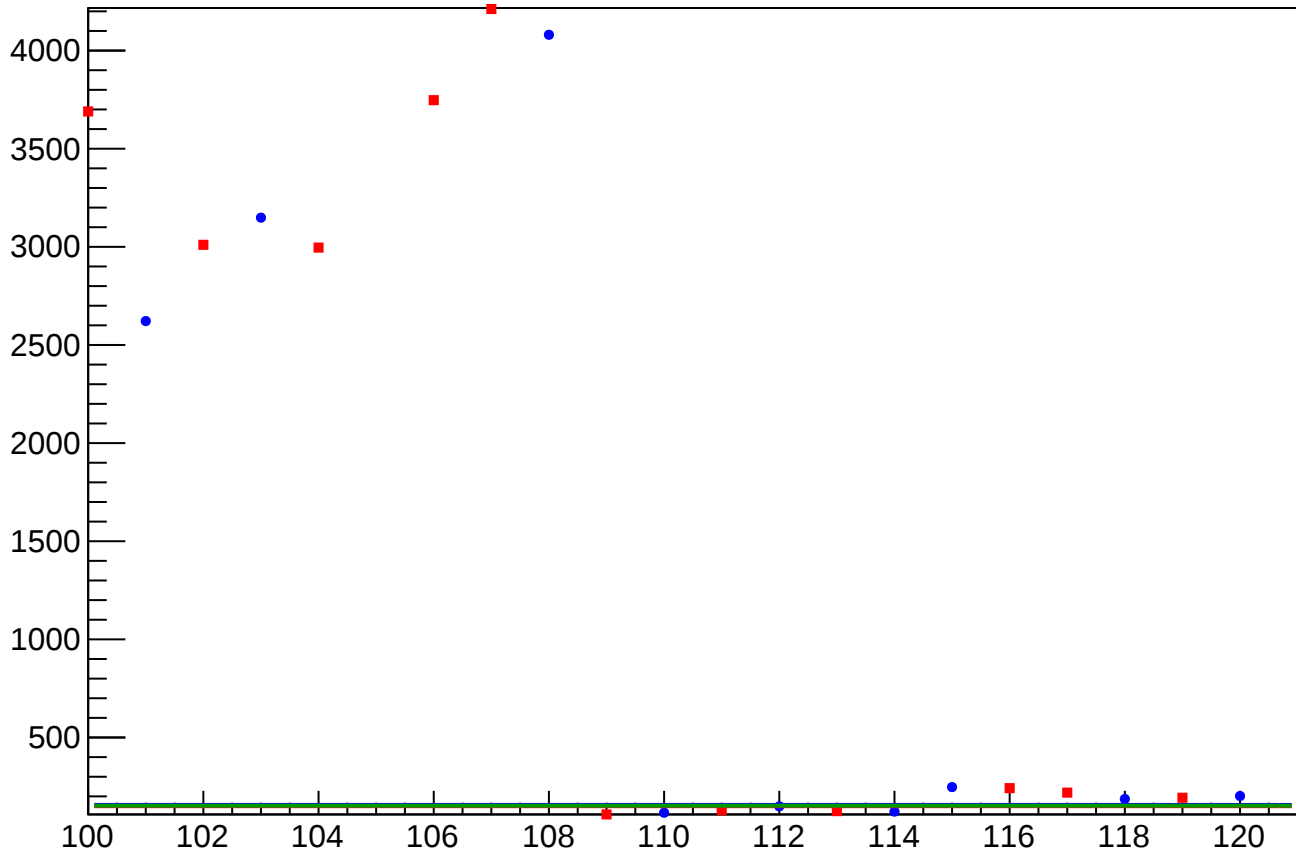
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

144.624+/-114.702 χ^2/NDF : 7.3/8

101.568+/-75.467 χ^2/NDF : 16.6/20

68.703+/-100.212 χ^2/NDF : 9.0/11

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 156.261+/-0.081 χ^2/NDF : 2945353.1/8

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

Right Out: 150.074+/-0.071 χ^2/NDF : 3562251.3/11

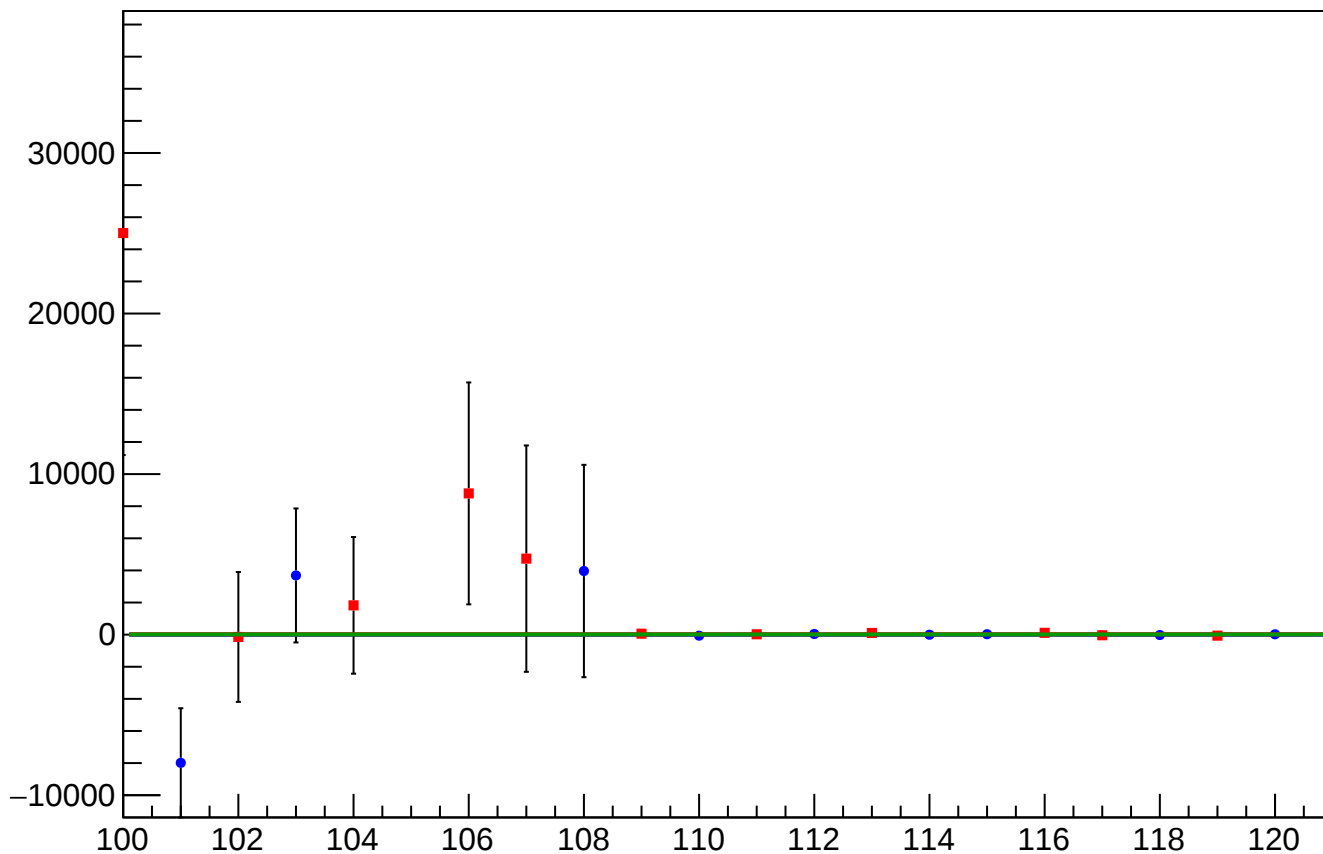
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

156.261+/-0.081 χ^2/NDF : 2945353.1/8

152.752+/-0.053 χ^2/NDF : 6510904.2/20

150.074+/-0.071 χ^2/NDF : 3562251.3/11

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -3.188+/-20.350 χ^2/NDF : 10.4/8

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

Right Out: 24.283+/-17.969 χ^2/NDF : 19.5/11

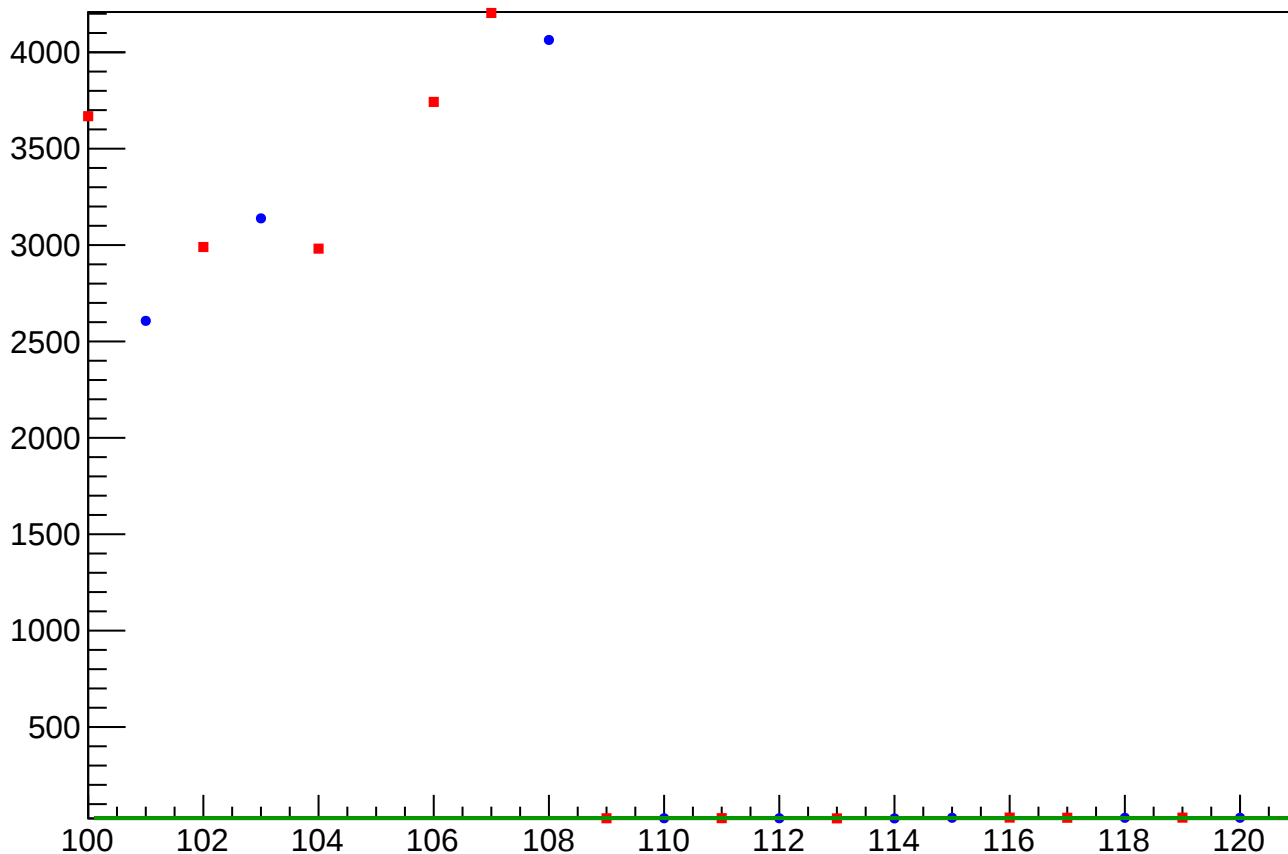
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.188+/-20.350 χ^2/NDF : 10.4/8

12.248+/-13.470 χ^2/NDF : 30.9/20

24.283+/-17.969 χ^2/NDF : 19.5/11

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.889+/-0.014 χ^2 /NDF: 3014541.3/8

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

Right Out: 27.608+/-0.013 χ^2 /NDF: 3473530.9/11

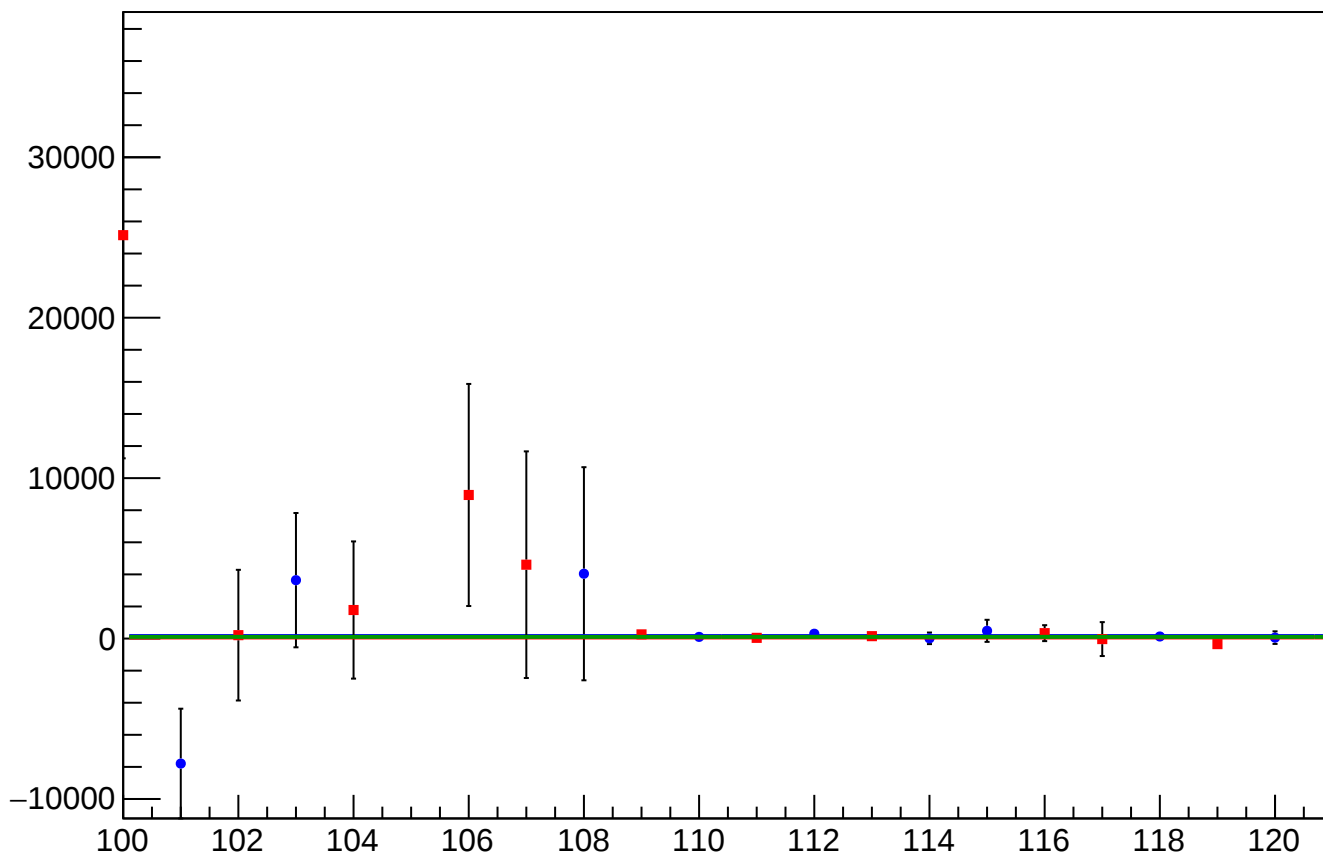
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

27.889+/-0.014 χ^2 /NDF: 3014541.3/8

27.731+/-0.010 χ^2 /NDF: 6488286.5/20

27.608+/-0.013 χ^2 /NDF: 3473530.9/11

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 155.414+/-114.213 χ^2/NDF : 7.4/8

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

Right Out: 68.294+/-99.767 χ^2/NDF : 9.6/11

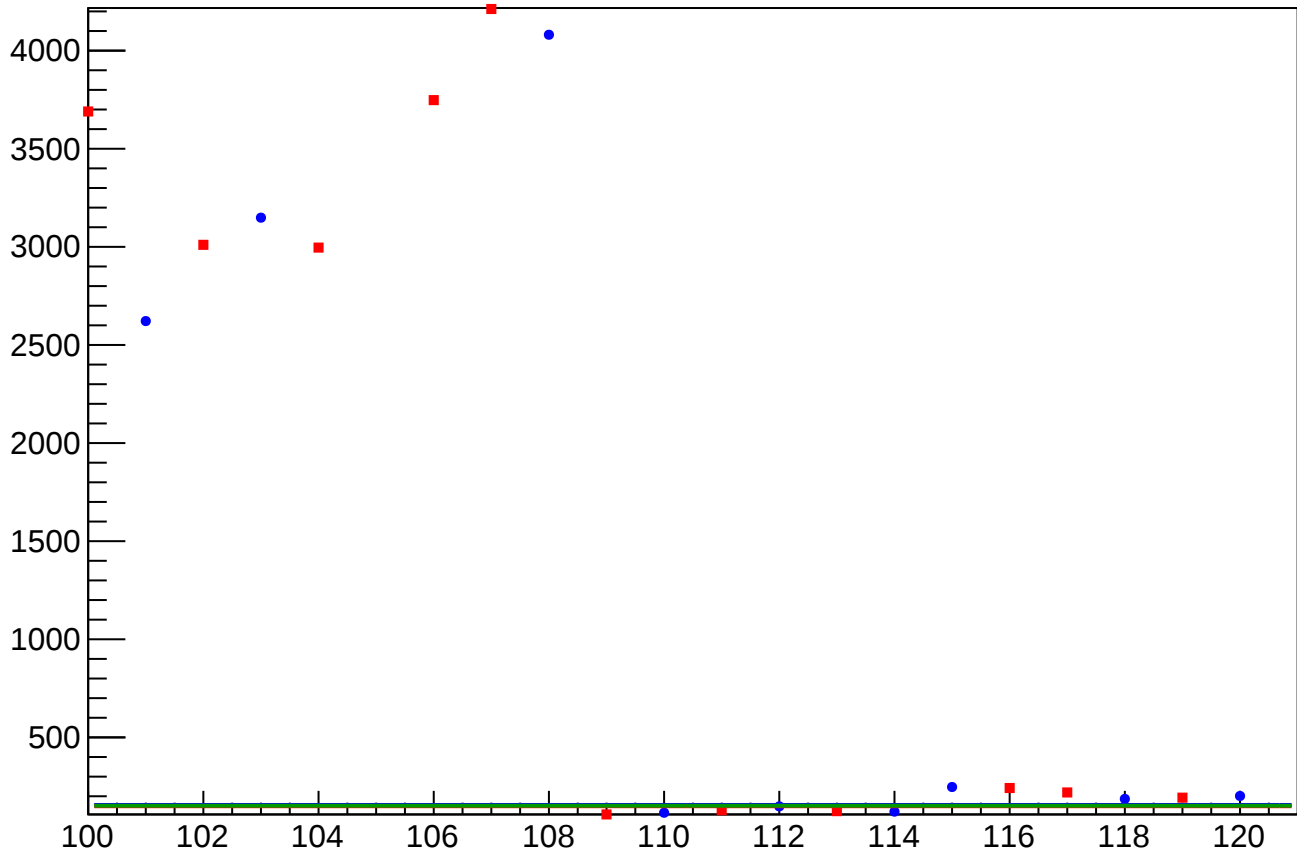
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

155.414+/-114.213 χ^2/NDF : 7.4/8

105.999+/-75.138 χ^2/NDF : 17.3/20

68.294+/-99.767 χ^2/NDF : 9.6/11

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 155.510 $\pm$ 0.081 χ^2 /NDF: 2949330.2/8

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

Right Out: 149.307 $\pm$ 0.071 χ^2 /NDF: 3567917.0/11

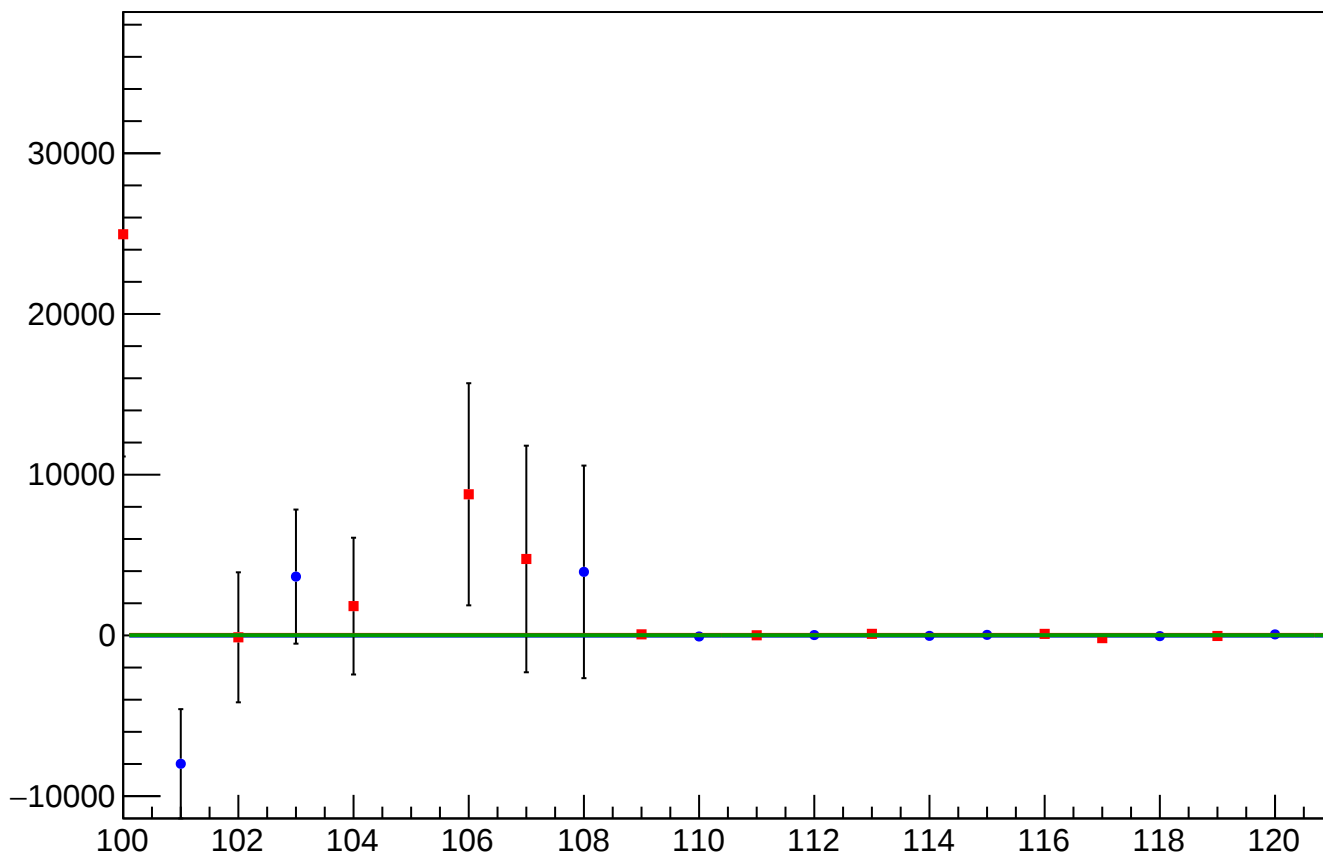
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

155.510 $\pm$ 0.081 χ^2 /NDF: 2949330.2/8

151.992 $\pm$ 0.053 χ^2 /NDF: 6520593.1/20

149.307 $\pm$ 0.071 χ^2 /NDF: 3567917.0/11

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -10.469+/-20.445 χ^2/NDF : 11.6/8

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

Right Out: 31.363+/-18.085 χ^2/NDF : 15.0/11

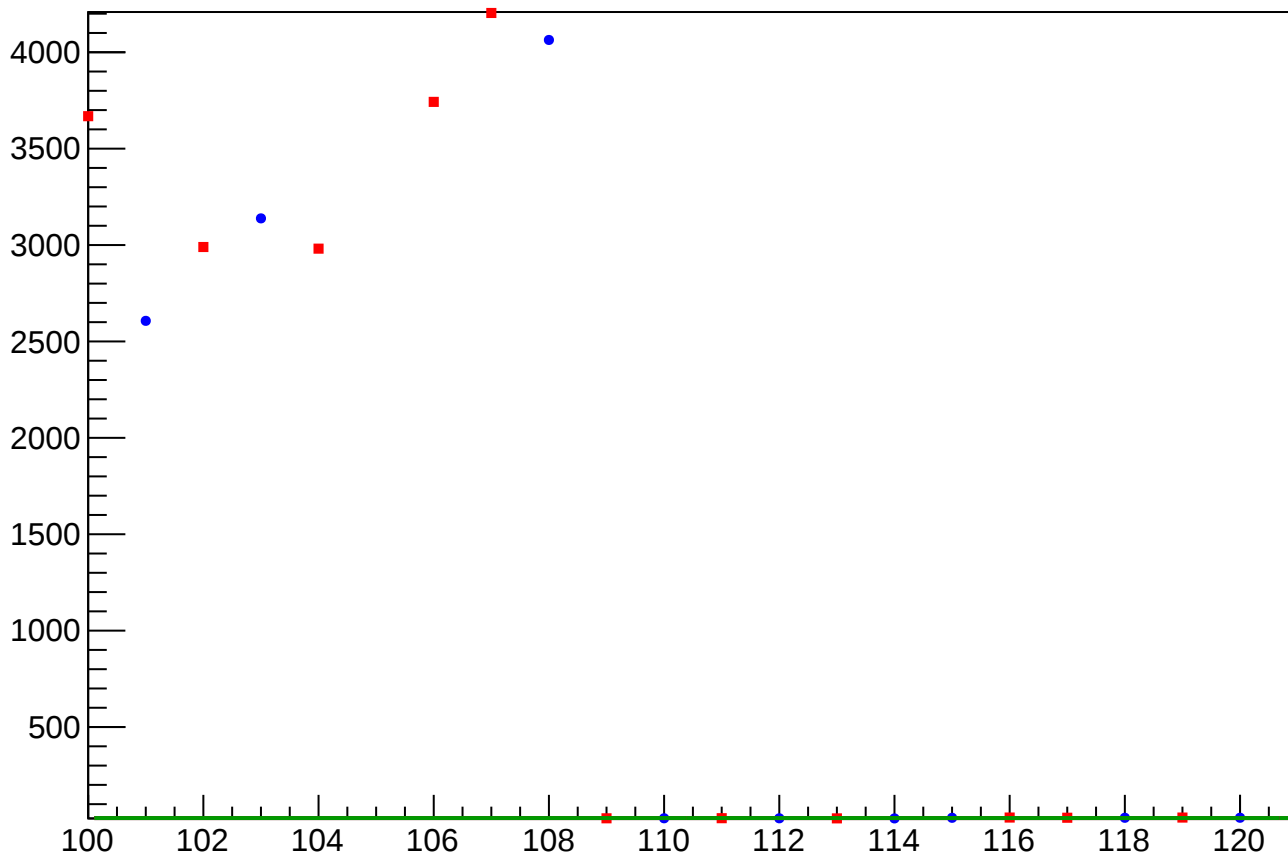
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-10.469+/-20.445 χ^2/NDF : 11.6/8

12.999+/-13.546 χ^2/NDF : 28.9/20

31.363+/-18.085 χ^2/NDF : 15.0/11

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 28.015+/-0.014 χ^2/NDF : 3015394.4/8

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

Right Out: 27.780+/-0.013 χ^2/NDF : 3475541.8/11

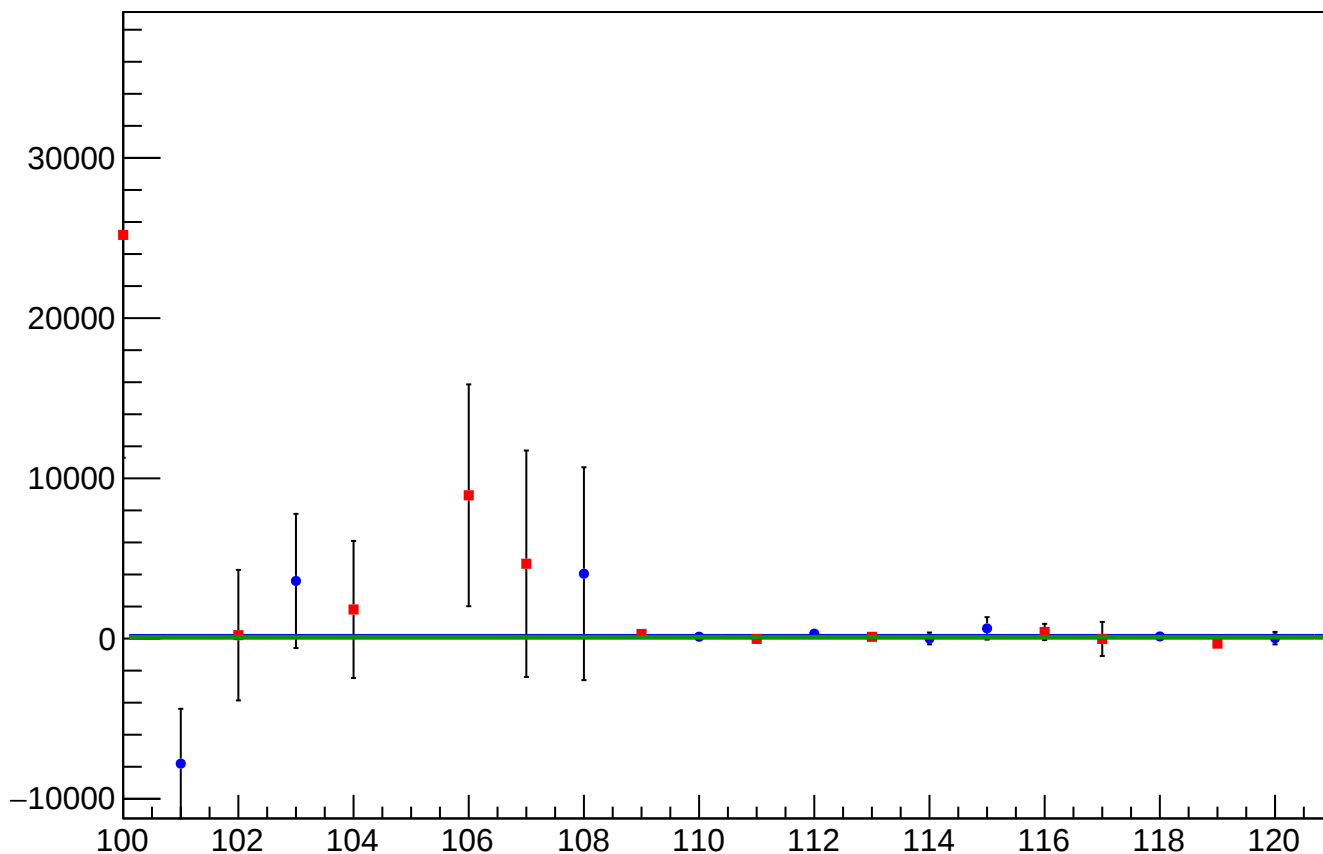
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

28.015+/-0.014 χ^2/NDF : 3015394.4/8

27.883+/-0.010 χ^2/NDF : 6491083.7/20

27.780+/-0.013 χ^2/NDF : 3475541.8/11

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 162.598+/-115.968 χ^2/NDF : 7.7/8

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

Right Out: 57.004+/-101.453 χ^2/NDF : 9.4/11

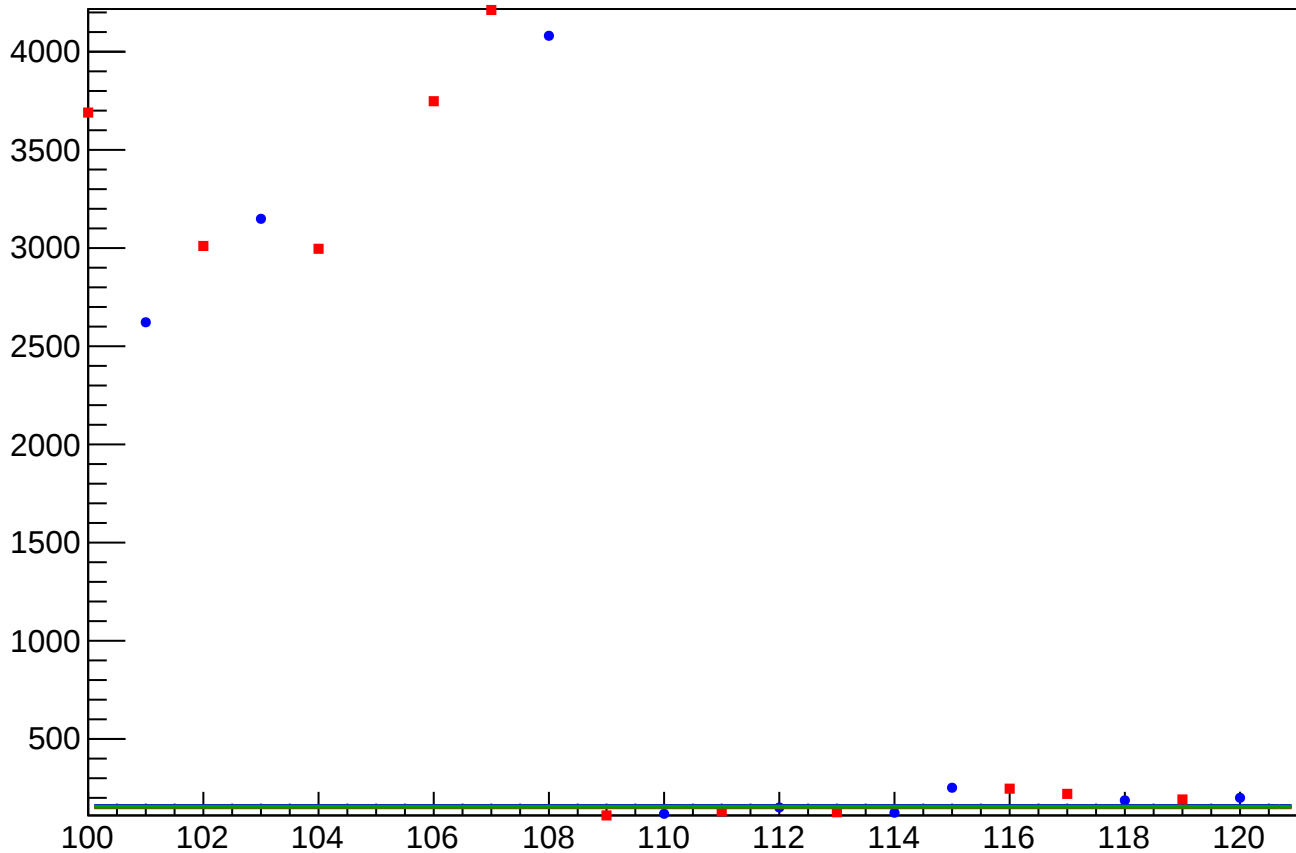
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

162.598+/-115.968 χ^2/NDF : 7.7/8

102.783+/-76.357 χ^2/NDF : 17.6/20

57.004+/-101.453 χ^2/NDF : 9.4/11

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 158.299 $\pm$ 0.082 χ^2 /NDF: 2931498.9/8

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

Right Out: 152.349 $\pm$ 0.072 χ^2 /NDF: 3542215.0/11

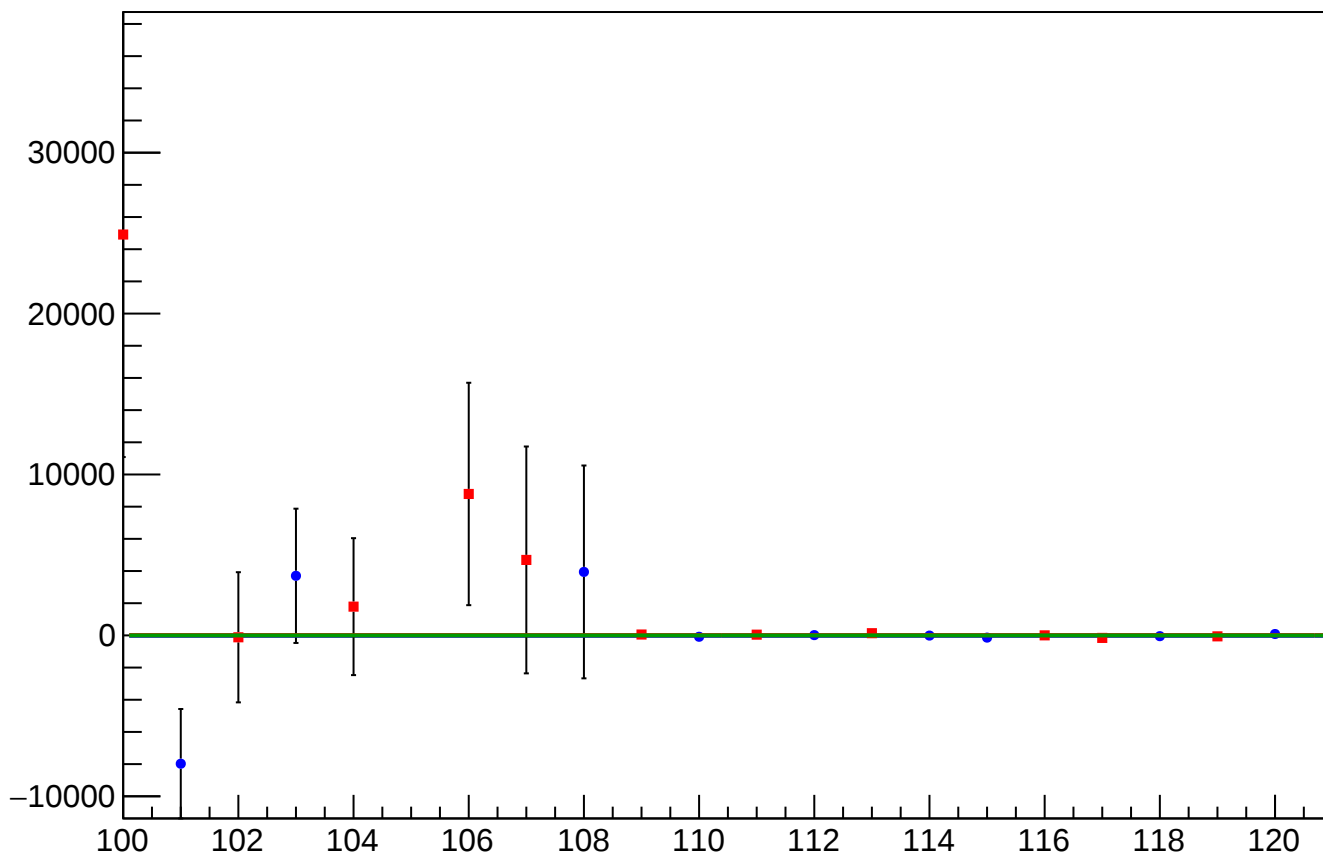
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

158.299 $\pm$ 0.082 χ^2 /NDF: 2931498.9/8

154.928 $\pm$ 0.054 χ^2 /NDF: 6476695.7/20

152.349 $\pm$ 0.072 χ^2 /NDF: 3542215.0/11

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -24.143+/-24.893 χ^2 /NDF: 12.9/8

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

Right Out: 16.784+/-21.958 χ^2 /NDF: 18.2/11

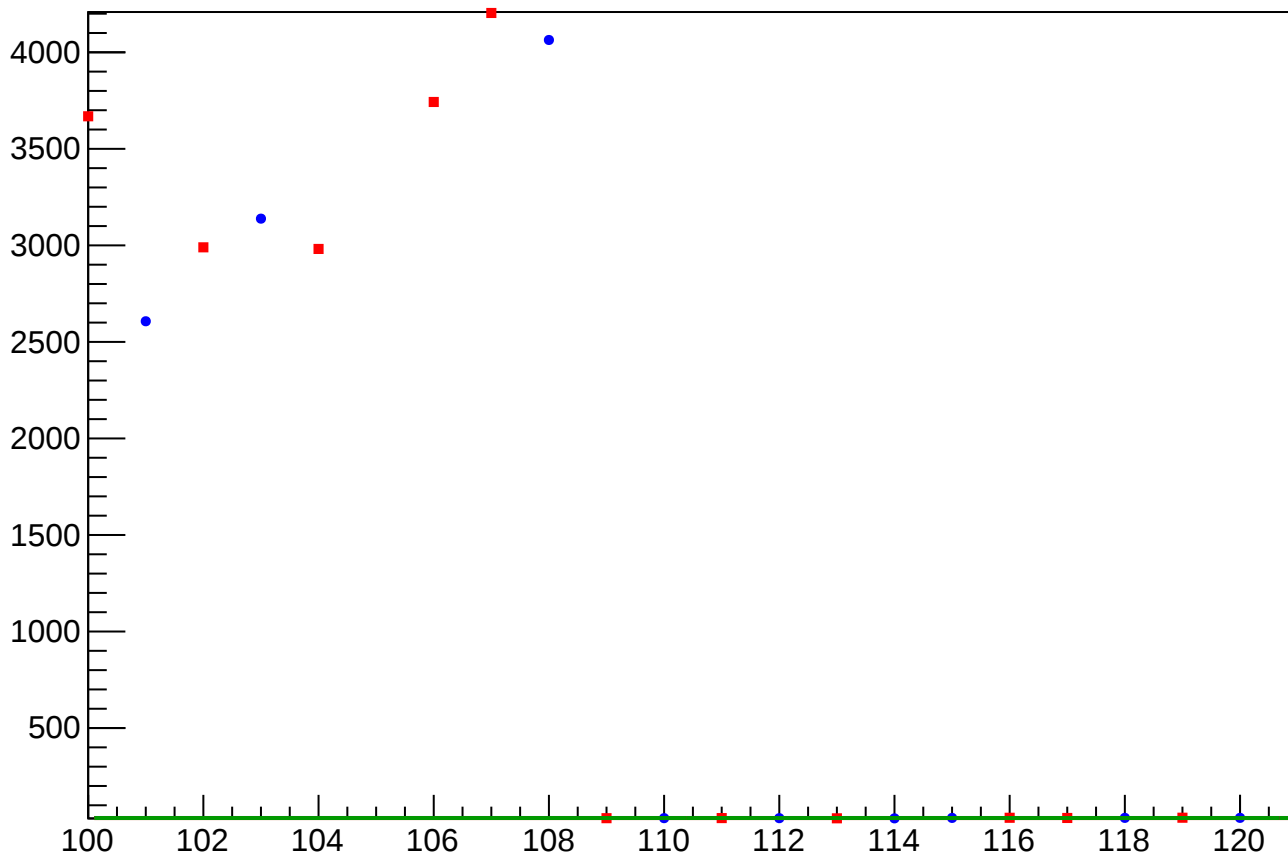
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-24.143+/-24.893 χ^2 /NDF: 12.9/8

-1.126+/-16.467 χ^2 /NDF: 32.6/20

16.784+/-21.958 χ^2 /NDF: 18.2/11

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 34.209+/-0.018 χ^2/NDF : 2996478.0/8

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

Right Out: 33.835+/-0.016 χ^2/NDF : 3449903.9/11

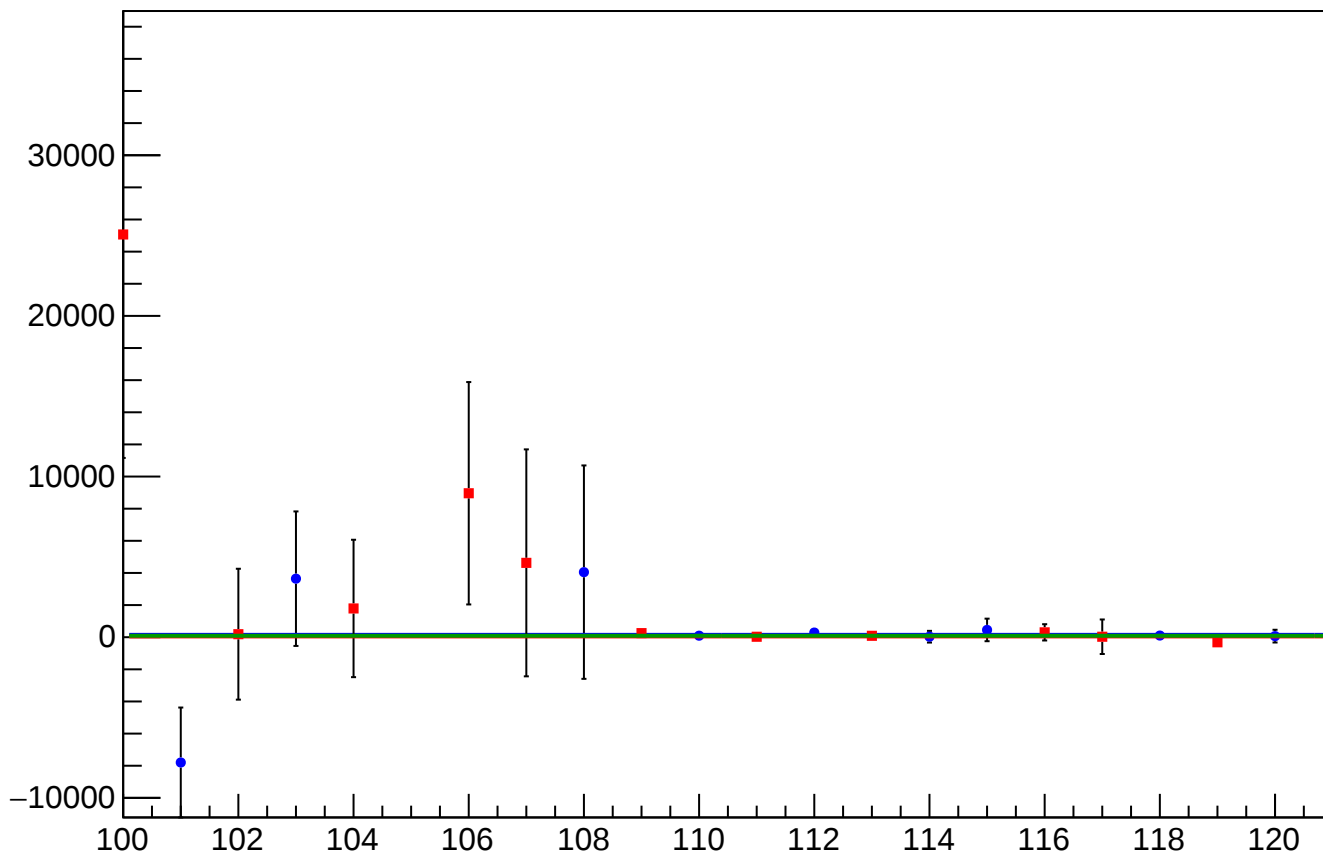
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

34.209+/-0.018 χ^2/NDF : 2996478.0/8

33.999+/-0.012 χ^2/NDF : 6446635.8/20

33.835+/-0.016 χ^2/NDF : 3449903.9/11

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 145.662+/-115.154 χ^2/NDF : 7.3/8

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

Right Out: 49.926+/-100.635 χ^2/NDF : 8.8/11

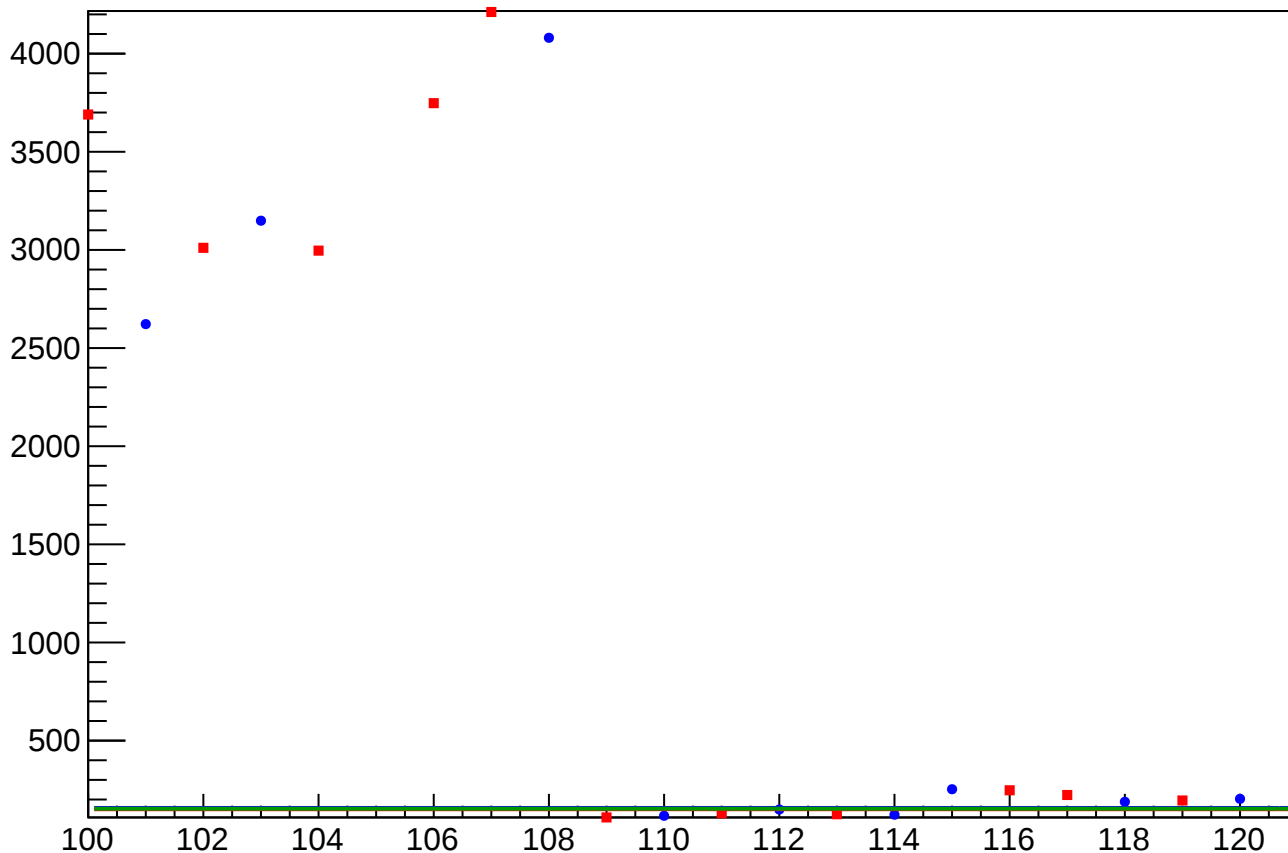
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

145.662+/-115.154 χ^2/NDF : 7.3/8

91.382+/-75.776 χ^2/NDF : 16.5/20

49.926+/-100.635 χ^2/NDF : 8.8/11

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 156.840 $\pm$ 0.081 χ^2 /NDF: 2948483.3/8

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

Right Out: 150.672 $\pm$ 0.071 χ^2 /NDF: 3567150.7/11

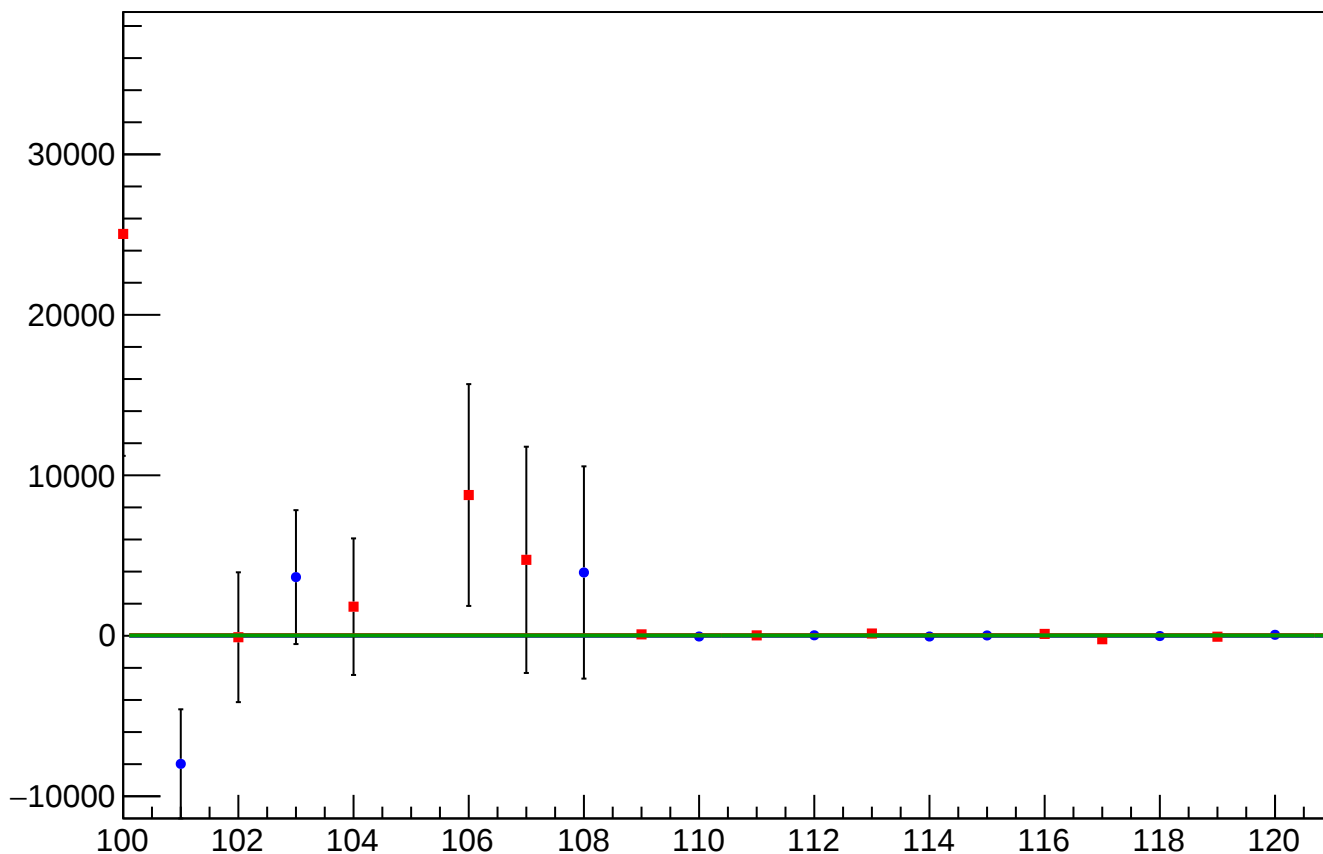
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

156.840 $\pm$ 0.081 χ^2 /NDF: 2948483.3/8

153.343 $\pm$ 0.054 χ^2 /NDF: 6518886.8/20

150.672 $\pm$ 0.071 χ^2 /NDF: 3567150.7/11

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.377+/-23.008 χ^2/NDF : 9.2/8

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

Right Out: 38.895+/-20.219 χ^2/NDF : 20.9/11

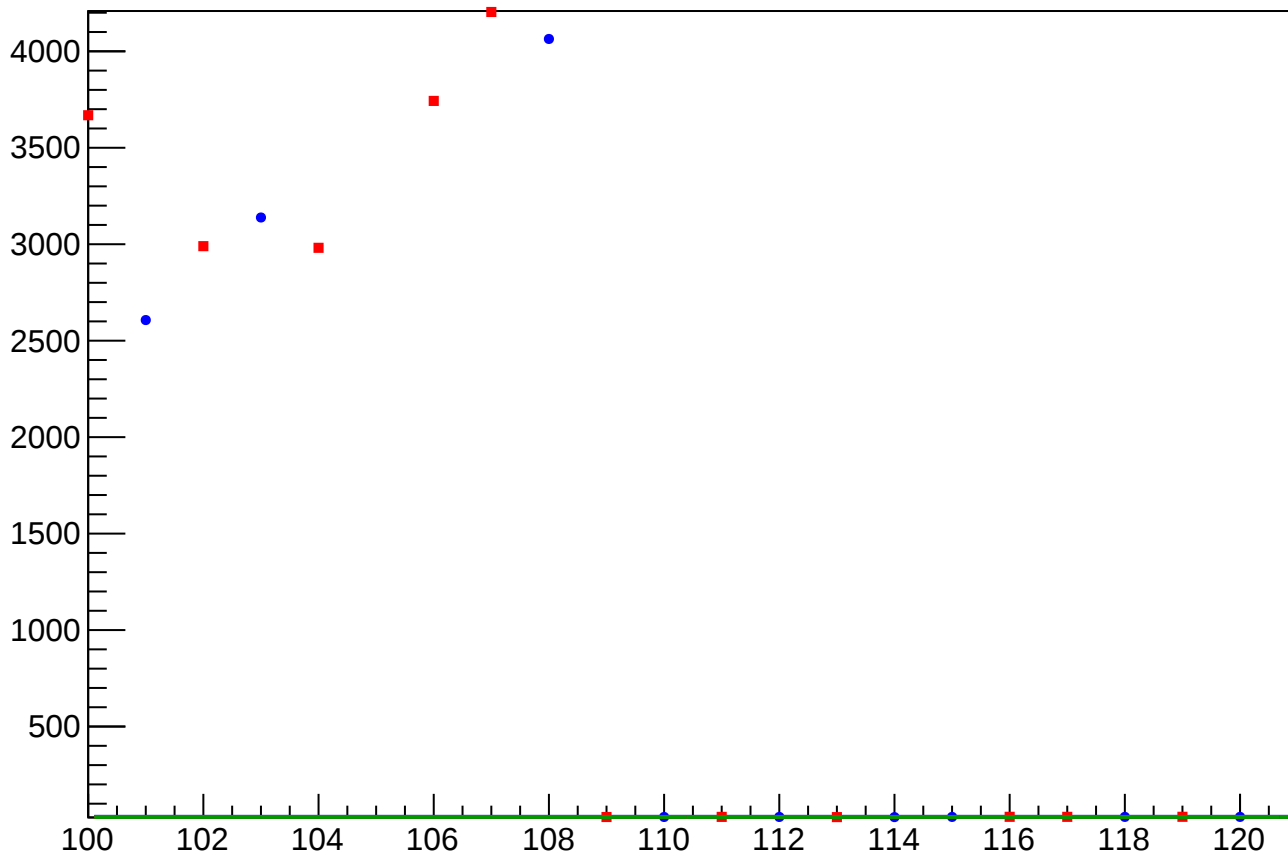
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.377+/-23.008 χ^2/NDF : 9.2/8

22.547+/-15.188 χ^2/NDF : 31.6/20

38.895+/-20.219 χ^2/NDF : 20.9/11

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 31.604 $\pm$ 0.016 χ^2 /NDF: 2999618.7/8

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

Right Out: 31.134 $\pm$ 0.014 χ^2 /NDF: 3454974.0/11

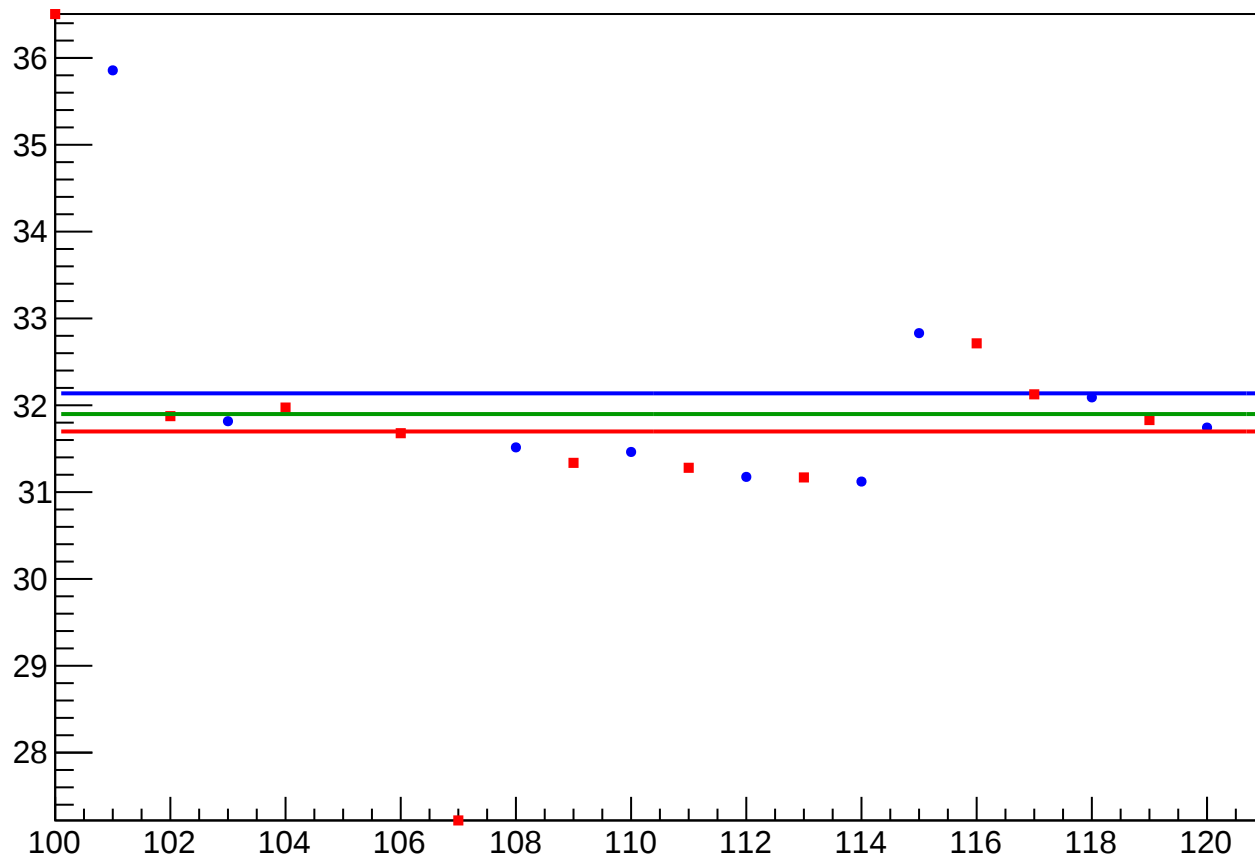
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

31.604 $\pm$ 0.016 χ^2 /NDF: 2999618.7/8

31.339 $\pm$ 0.011 χ^2 /NDF: 6455064.8/20

31.134 $\pm$ 0.014 χ^2 /NDF: 3454974.0/11

yield_usl_mean vs Slug, Sign Corrected



Right In: 32.137+/-0.000 χ^2/NDF : 979336327.3/8

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

Right Out: 31.698+/-0.000 χ^2/NDF : 550218959.9/11

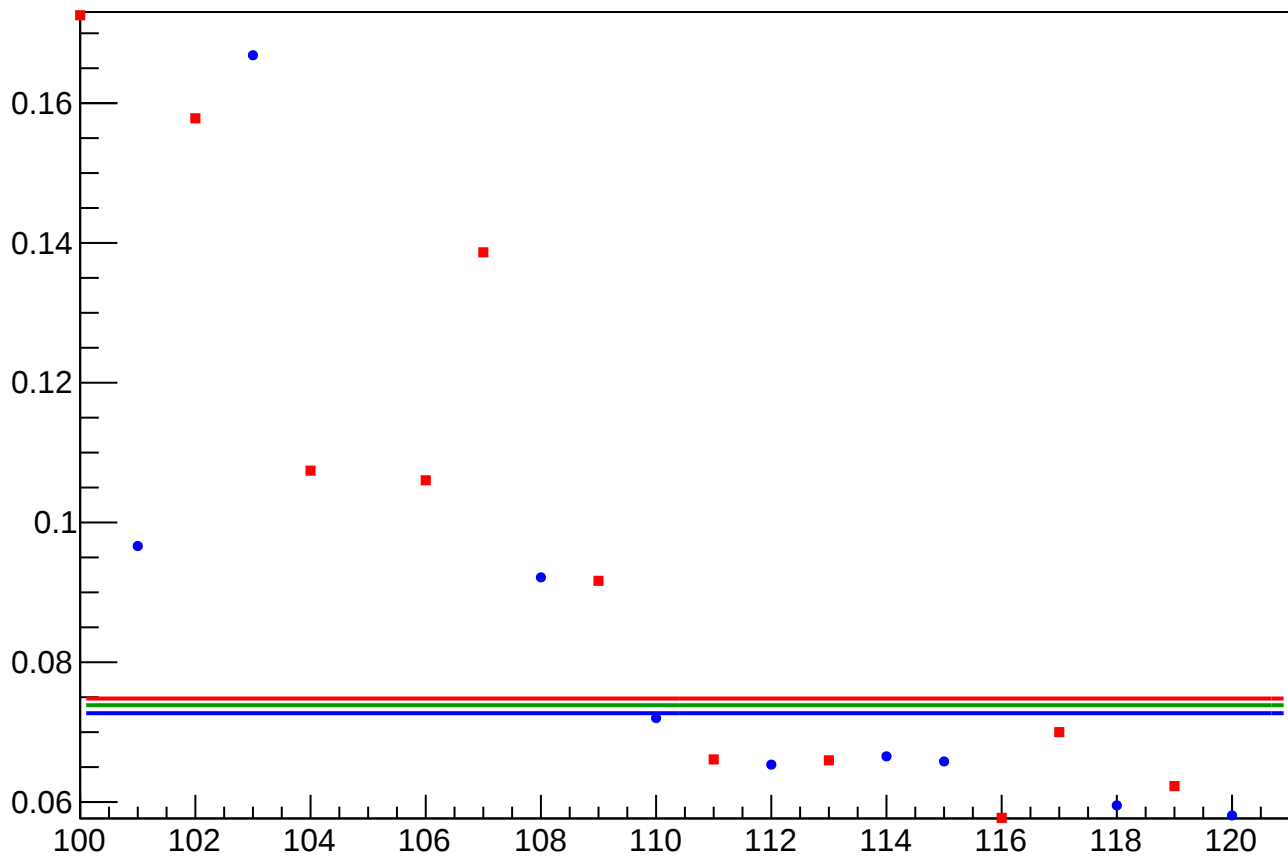
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.137+/-0.000 χ^2/NDF : 979336327.3/8

31.899+/-0.000 χ^2/NDF : 1585690790.7/2

31.698+/-0.000 χ^2/NDF : 550218959.9/11

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.073+/-0.000 χ^2/NDF : 534665.1/8

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

Right Out: 0.075+/-0.000 χ^2/NDF : 739974.8/11

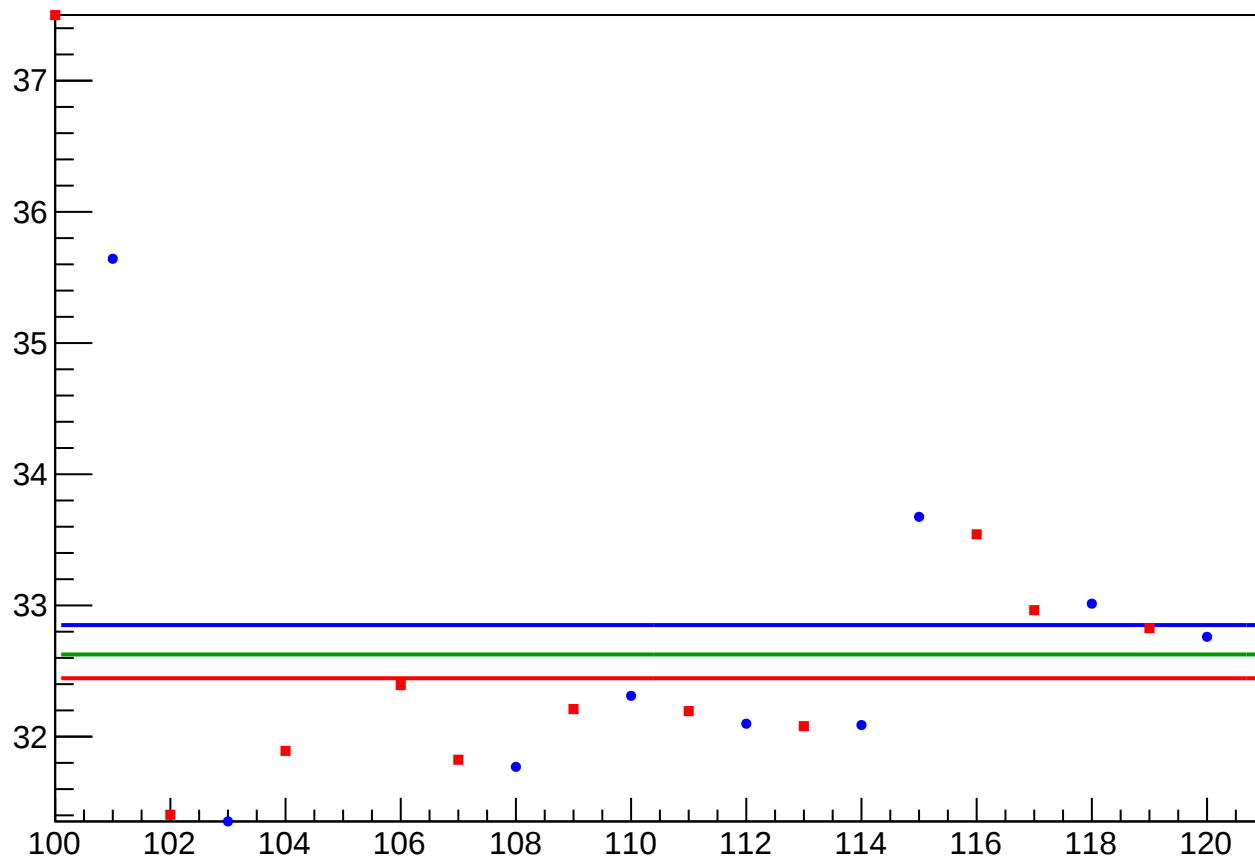
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.073+/-0.000 χ^2/NDF : 534665.1/8

0.074+/-0.000 χ^2/NDF : 1277215.3/20

0.075+/-0.000 χ^2/NDF : 739974.8/11

yield_usr_mean vs Slug, Sign Corrected



Right In: 32.850+/-0.000 χ^2/NDF : 455093403.8/8

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

Right Out: 32.445+/-0.000 χ^2/NDF : 153846694.9/11

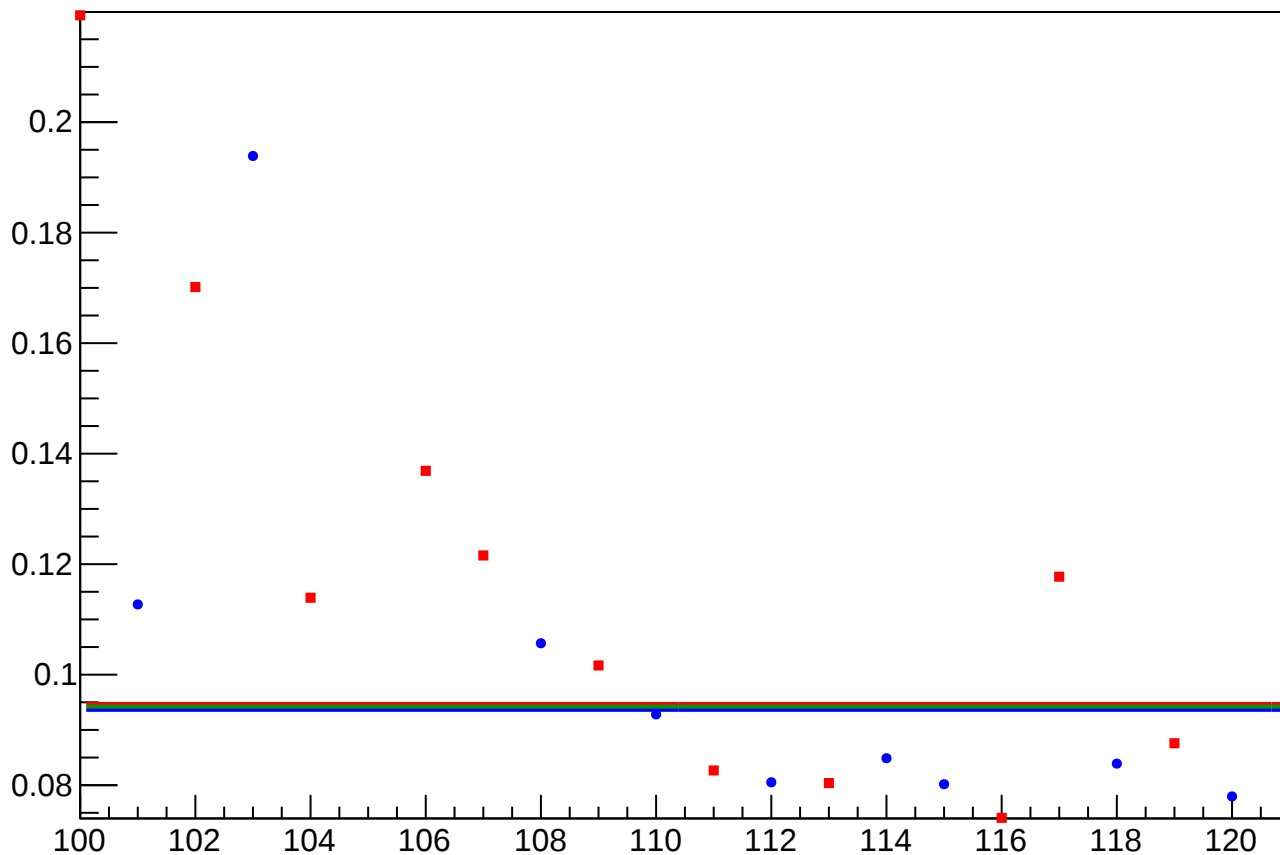
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.850+/-0.000 χ^2/NDF : 455093403.8/8

32.626+/-0.000 χ^2/NDF : 638824144.9/20

32.445+/-0.000 χ^2/NDF : 153846694.9/11

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.094+/-0.000 χ^2/NDF : 396629.0/8

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

Right Out: 0.095+/-0.000 χ^2/NDF : 444377.2/11

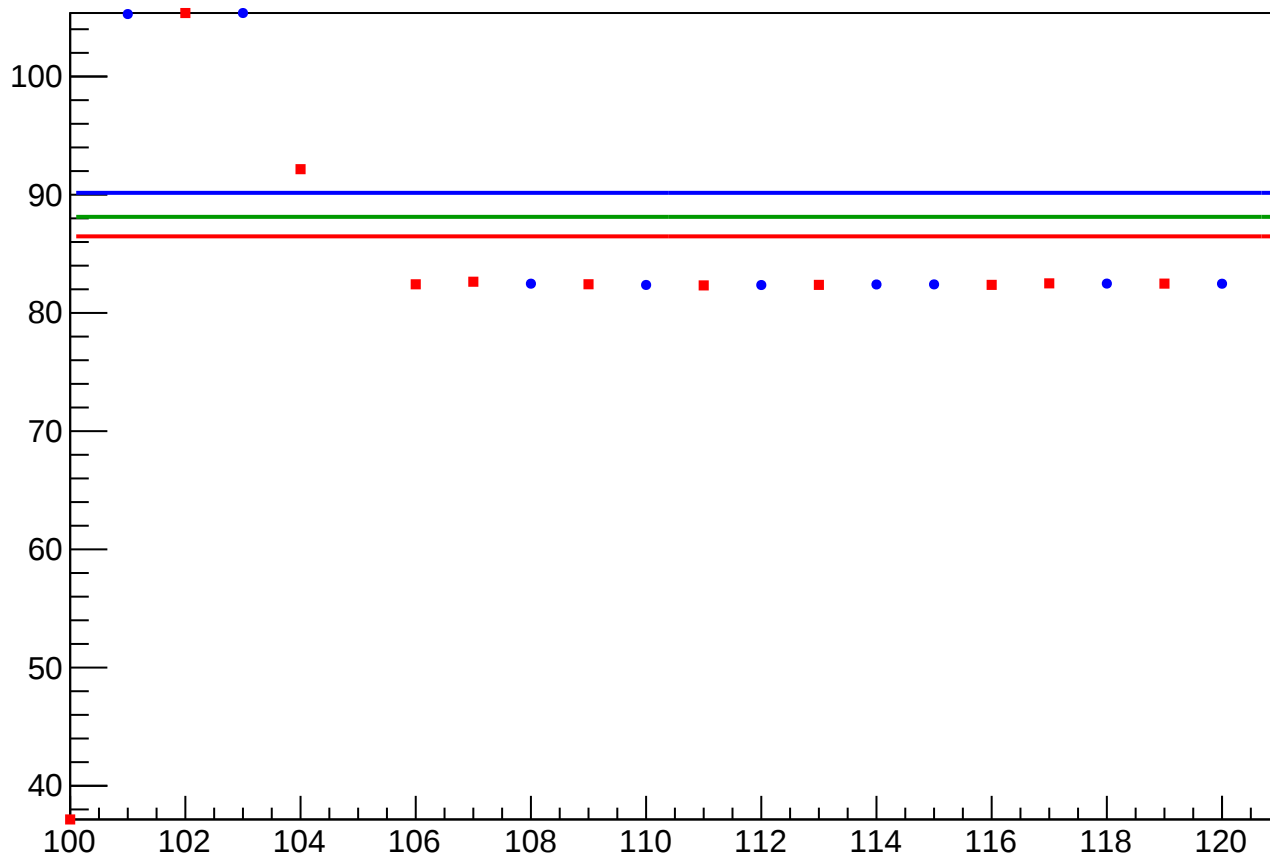
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.094+/-0.000 χ^2/NDF : 396629.0/8

0.094+/-0.000 χ^2/NDF : 841412.7/20

0.095+/-0.000 χ^2/NDF : 444377.2/11

yield_dsl_mean vs Slug, Sign Corrected



Right In: 90.160+/-0.000 χ^2 /NDF: 233536423709.4/8

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

Right Out: 86.478+/-0.000 χ^2 /NDF: 156218162465.8/11

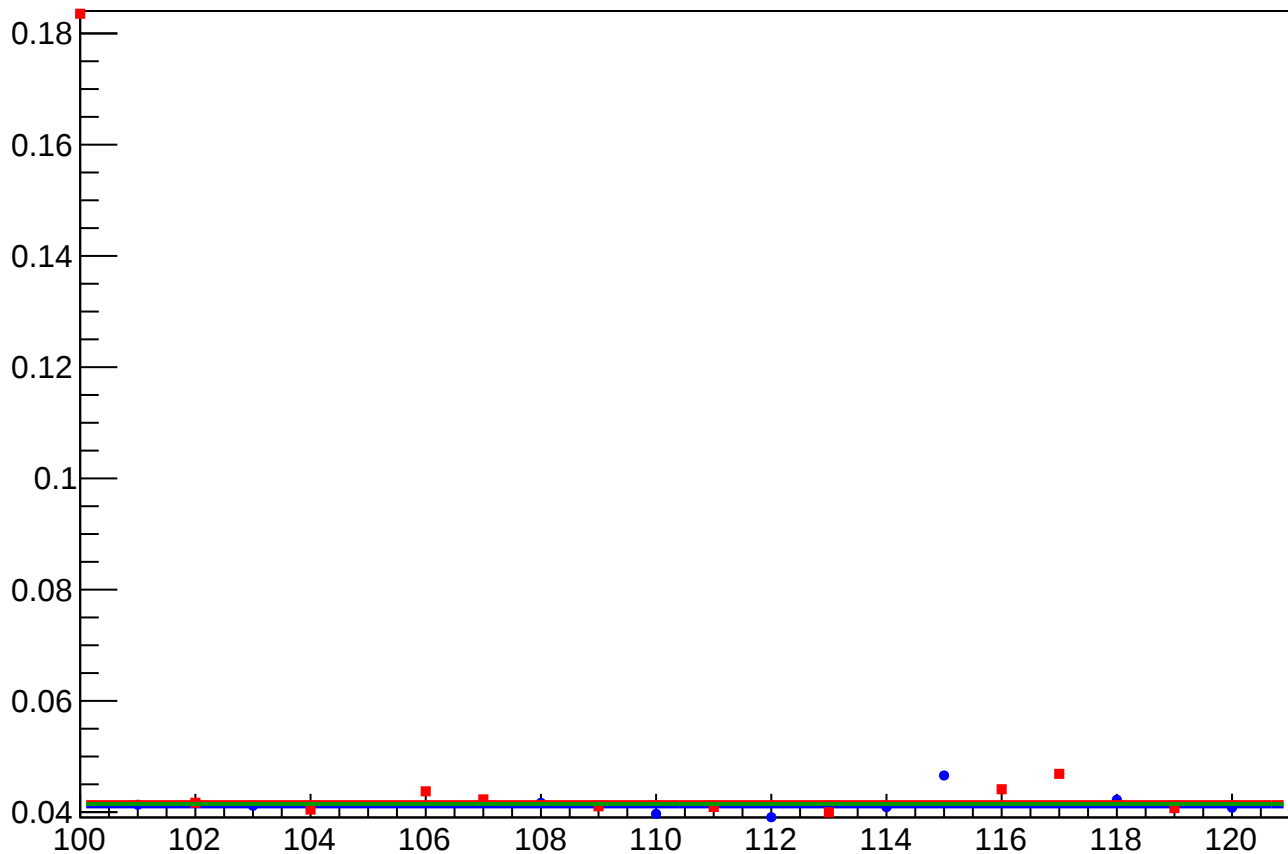
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

90.160+/-0.000 χ^2 /NDF: 233536423709.4/8

88.129+/-0.000 χ^2 /NDF: 404645416262.8/11

86.478+/-0.000 χ^2 /NDF: 156218162465.8/11

yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.041+/-0.000 χ^2/NDF : 8116.9/8

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

Right Out: 0.042+/-0.000 χ^2/NDF : 95732.5/11

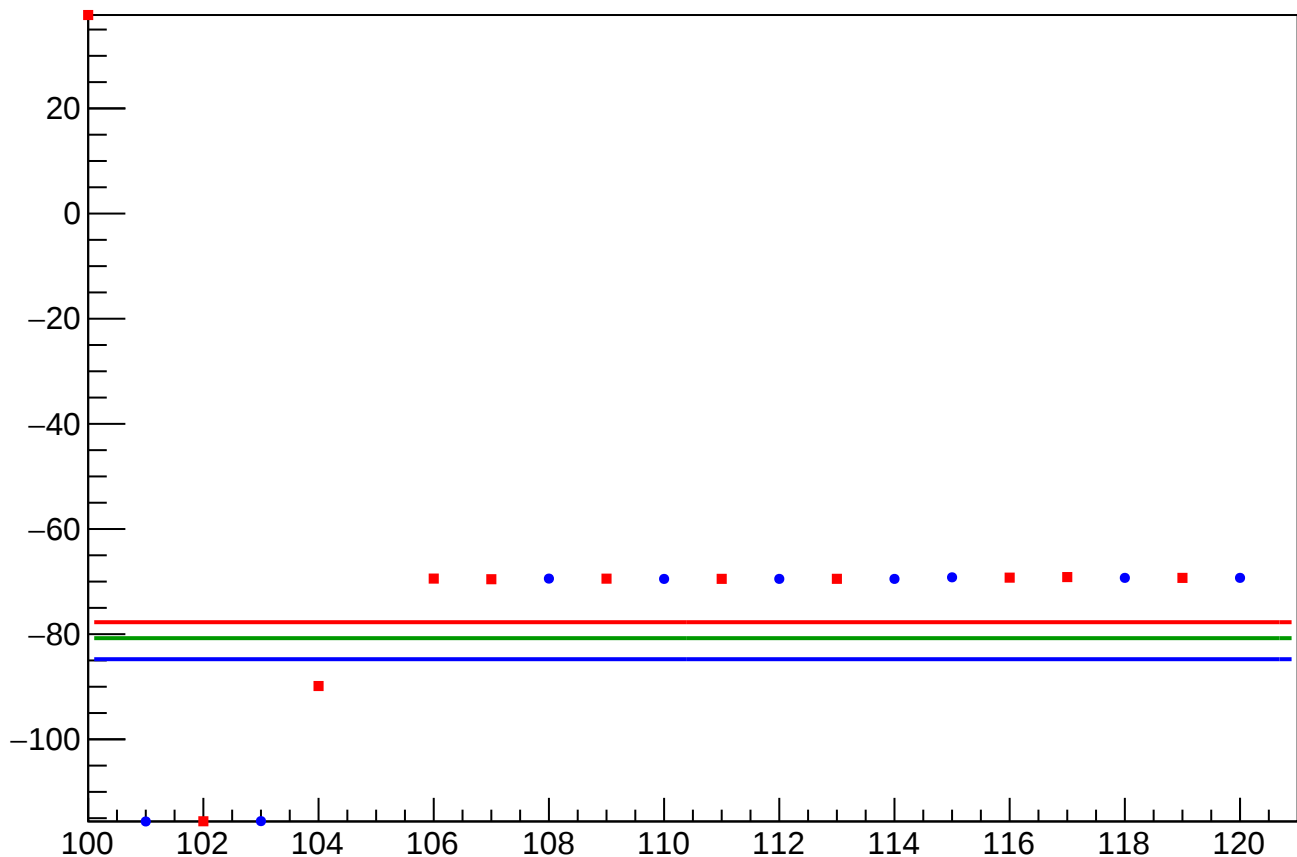
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.041+/-0.000 χ^2/NDF : 8116.9/8

0.041+/-0.000 χ^2/NDF : 105152.9/20

0.042+/-0.000 χ^2/NDF : 95732.5/11

yield_dsr_mean vs Slug, Sign Corrected



Right In: -84.763+/-0.000 χ^2/NDF : 452725765962.1/8

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

Right Out: -77.725+/-0.000 χ^2/NDF : 338727131725.6/11

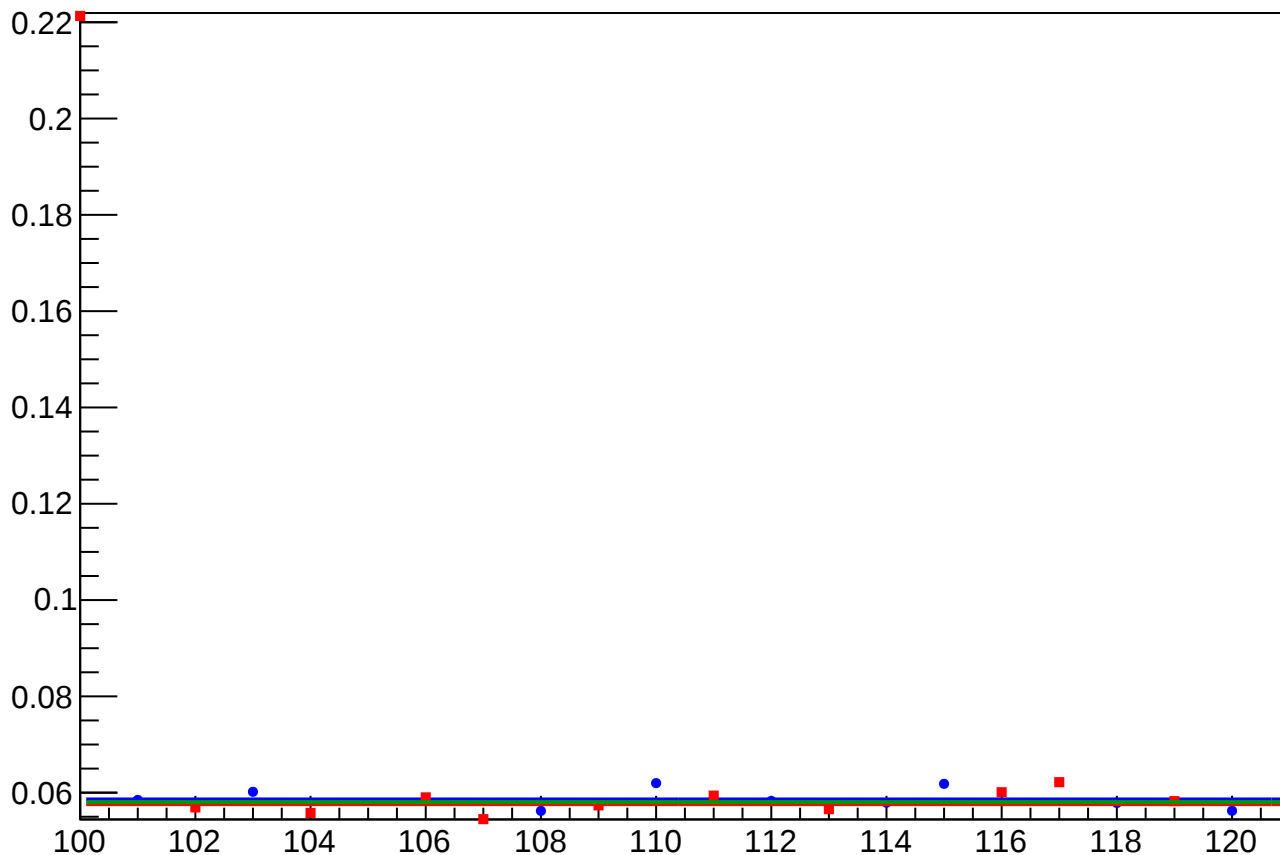
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-84.763+/-0.000 χ^2/NDF : 452725765962.1/8

-80.761+/-0.000 χ^2/NDF : 818351969490.0

-77.725+/-0.000 χ^2/NDF : 338727131725.6/11

yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.059+/-0.000 χ^2/NDF : 5931.4/8

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

Right Out: 0.058+/-0.000 χ^2/NDF : 80082.3/11

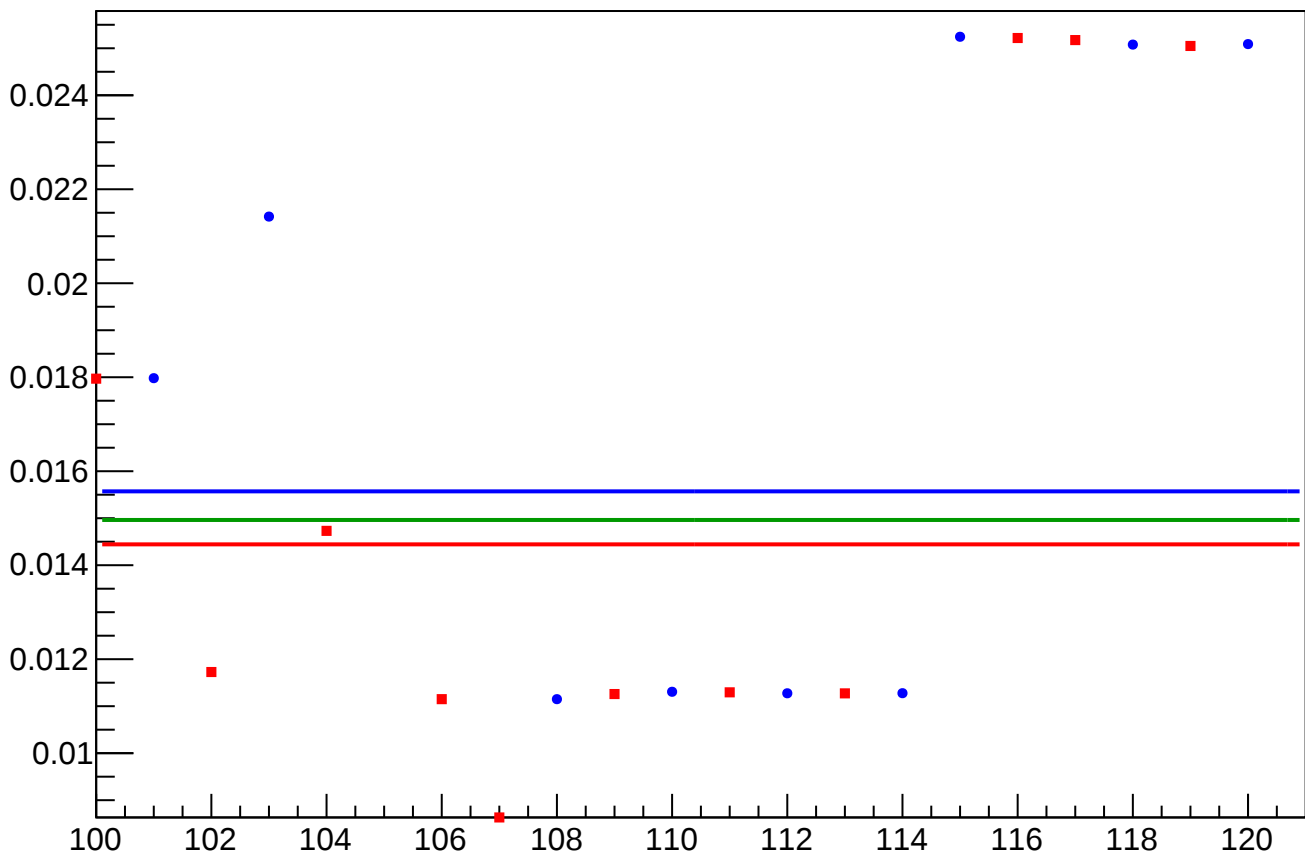
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.059+/-0.000 χ^2/NDF : 5931.4/8

0.058+/-0.000 χ^2/NDF : 87042.5/20

0.058+/-0.000 χ^2/NDF : 80082.3/11

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 25147490803.5/8

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

Right Out: 0.014+/-0.000 χ^2/NDF : 33407925011.5/11

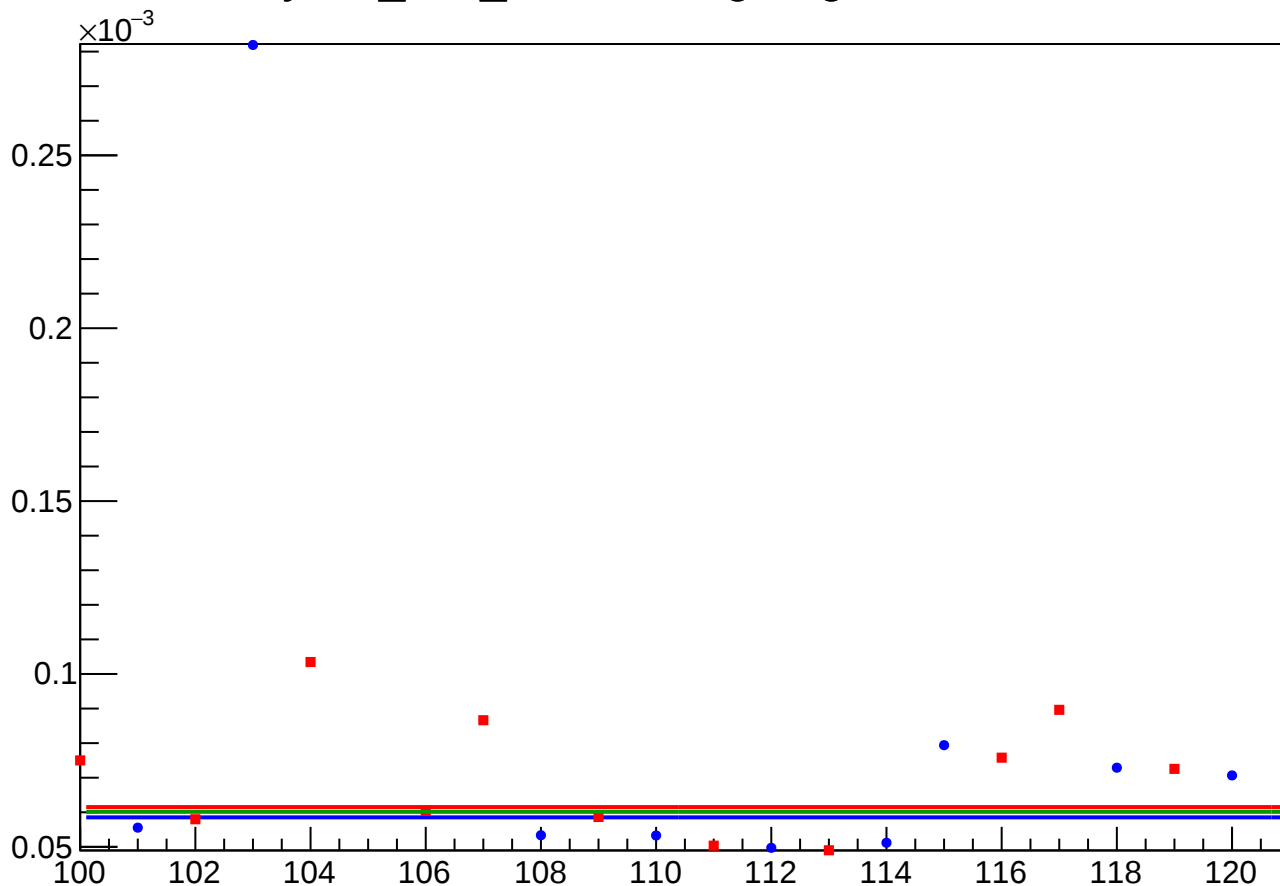
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 25147490803.5/8

0.015+/-0.000 χ^2/NDF : 59129548699.0/2

0.014+/-0.000 χ^2/NDF : 33407925011.5/11

yield_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 764340.7/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 332962.6/11

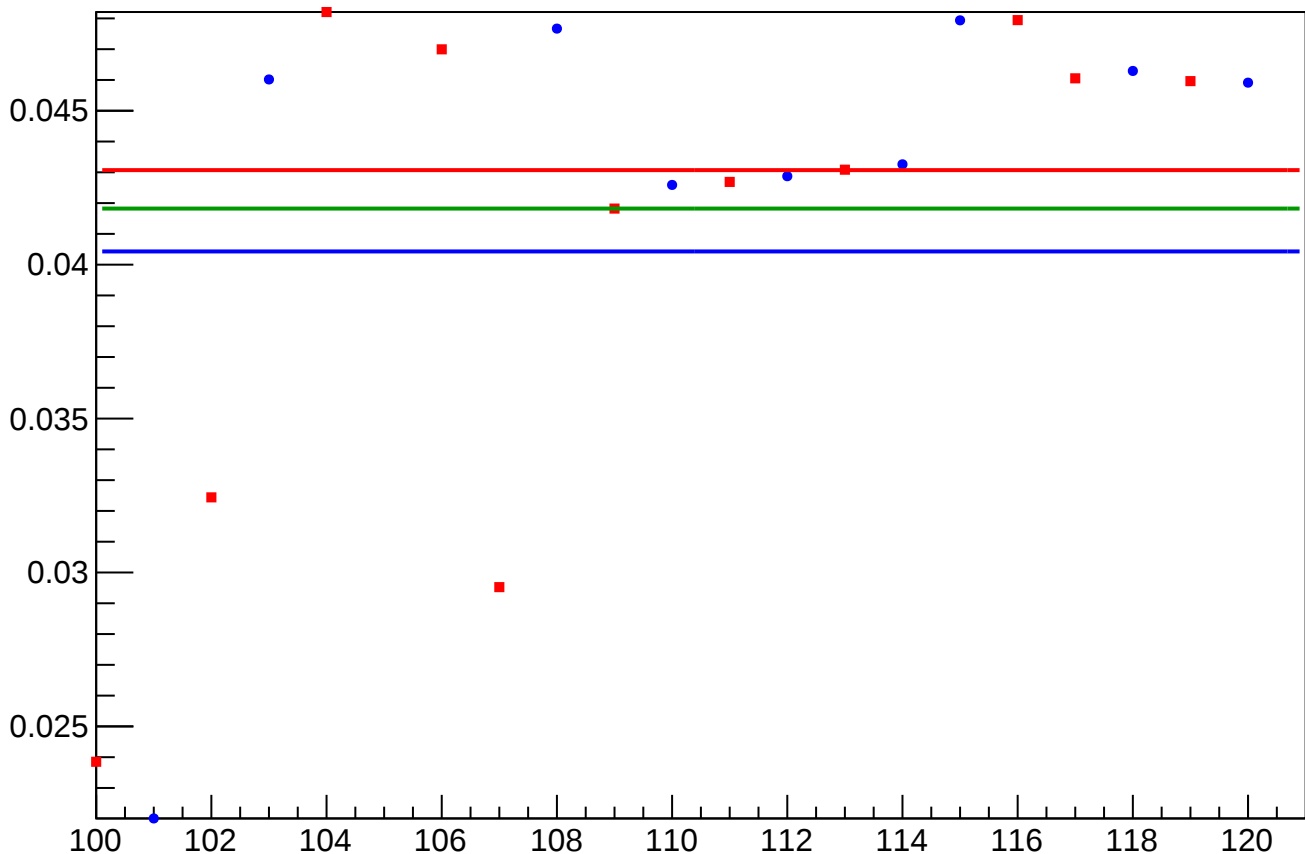
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 764340.7/8

0.000+/-0.000 χ^2/NDF : 1105301.8/20

0.000+/-0.000 χ^2/NDF : 332962.6/11

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.040+/-0.000 χ^2/NDF : 2191508139.0/8

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

Right Out: 0.043+/-0.000 χ^2/NDF : 955850406.0/11

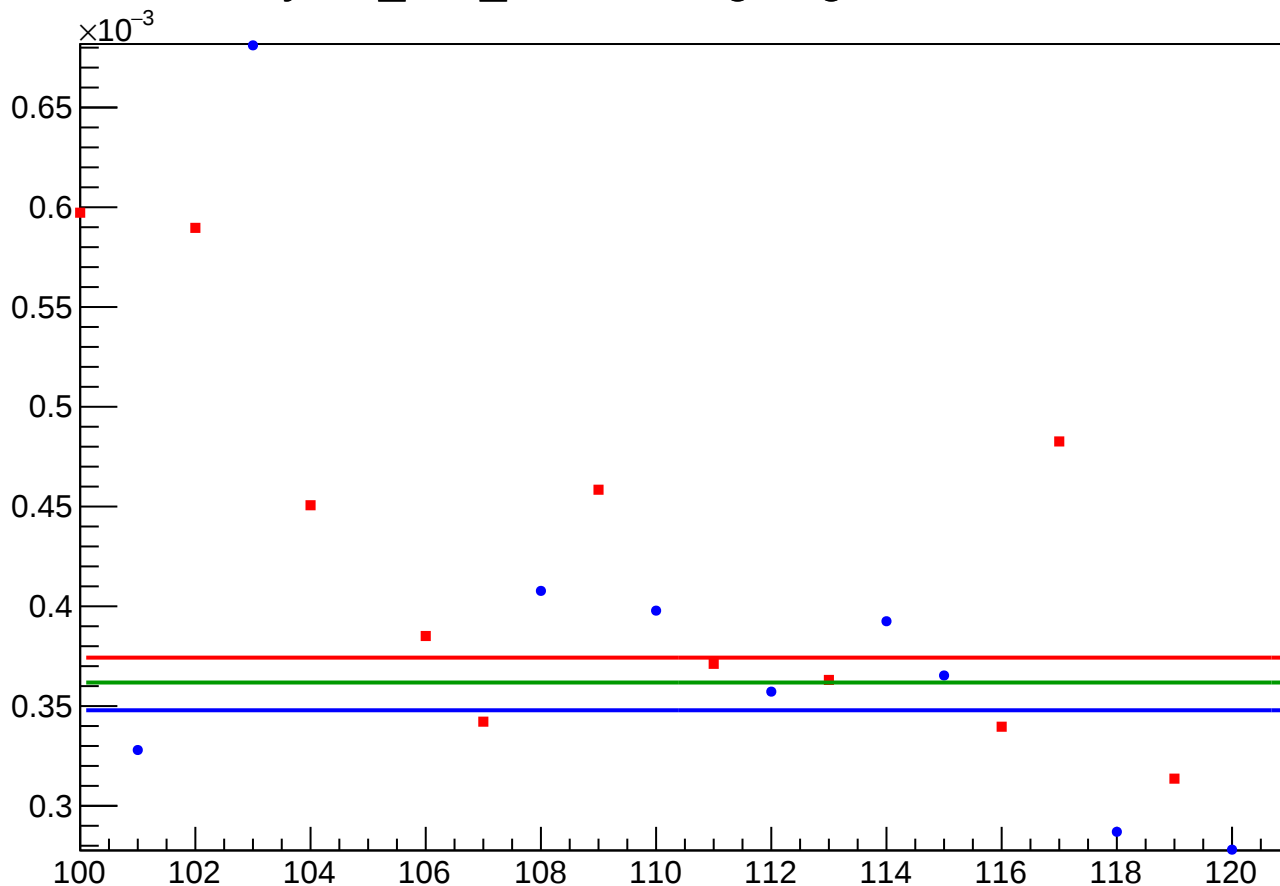
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.040+/-0.000 χ^2/NDF : 2191508139.0/8

0.042+/-0.000 χ^2/NDF : 3234733891.3/20

0.043+/-0.000 χ^2/NDF : 955850406.0/11

yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 352473.7/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 277028.5/11

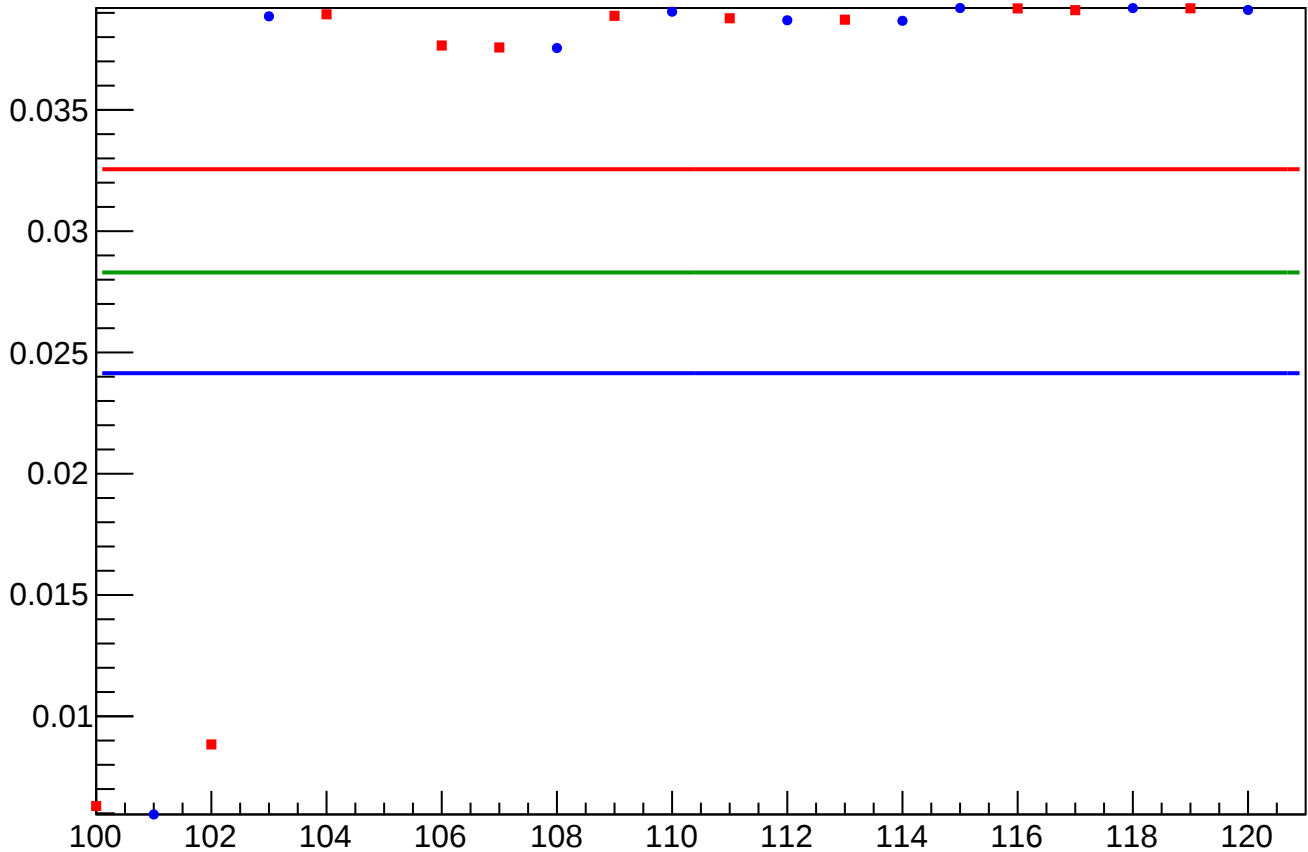
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 352473.7/8

0.000+/-0.000 χ^2/NDF : 646940.4/20

0.000+/-0.000 χ^2/NDF : 277028.5/11

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.024+/-0.000 χ^2/NDF : 74860549072.9/8

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

Right Out: 0.033+/-0.000 χ^2/NDF : 40542951204.8/11

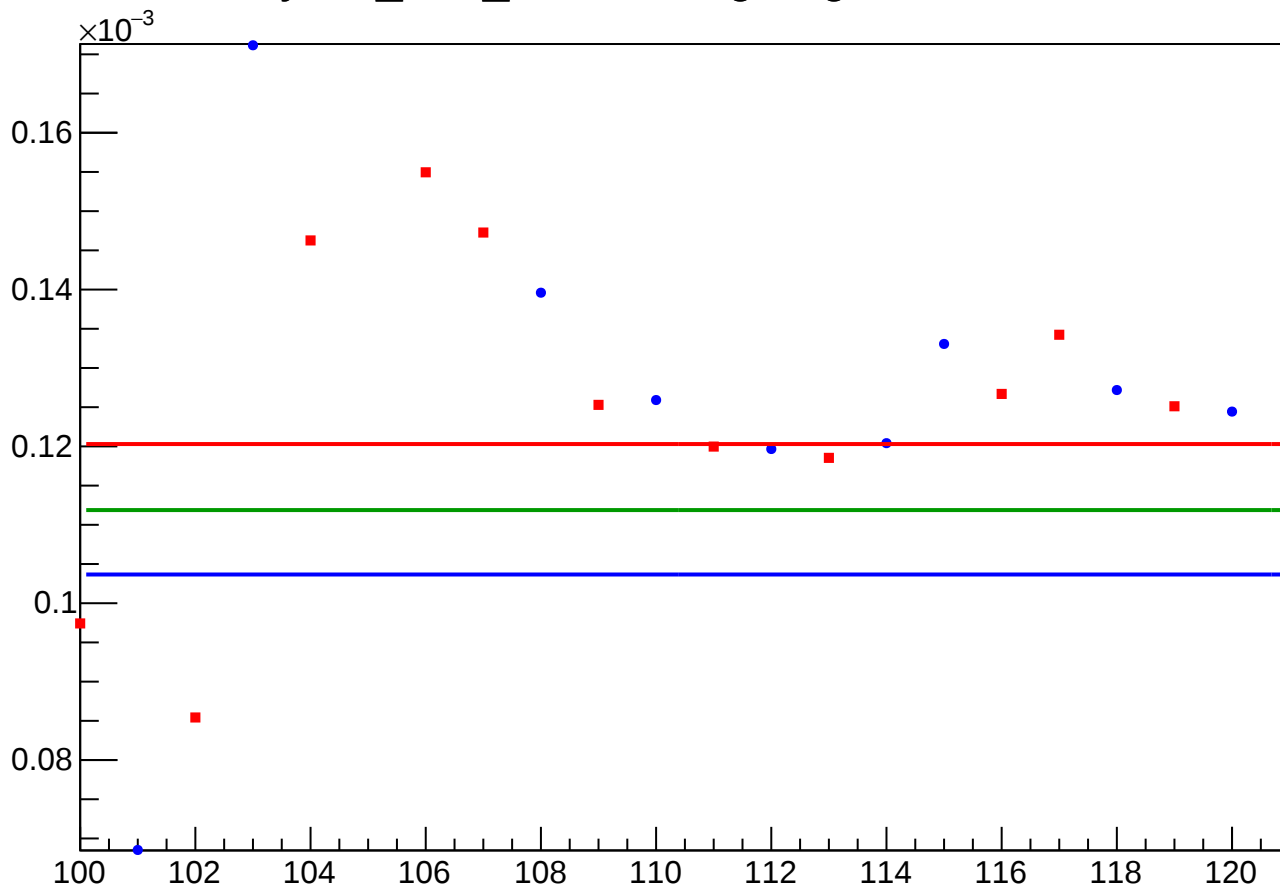
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.024+/-0.000 χ^2/NDF : 74860549072.9/8

0.028+/-0.000 χ^2/NDF : 125206284443.5/11

0.033+/-0.000 χ^2/NDF : 40542951204.8/11

yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 636355.8/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 211897.6/11

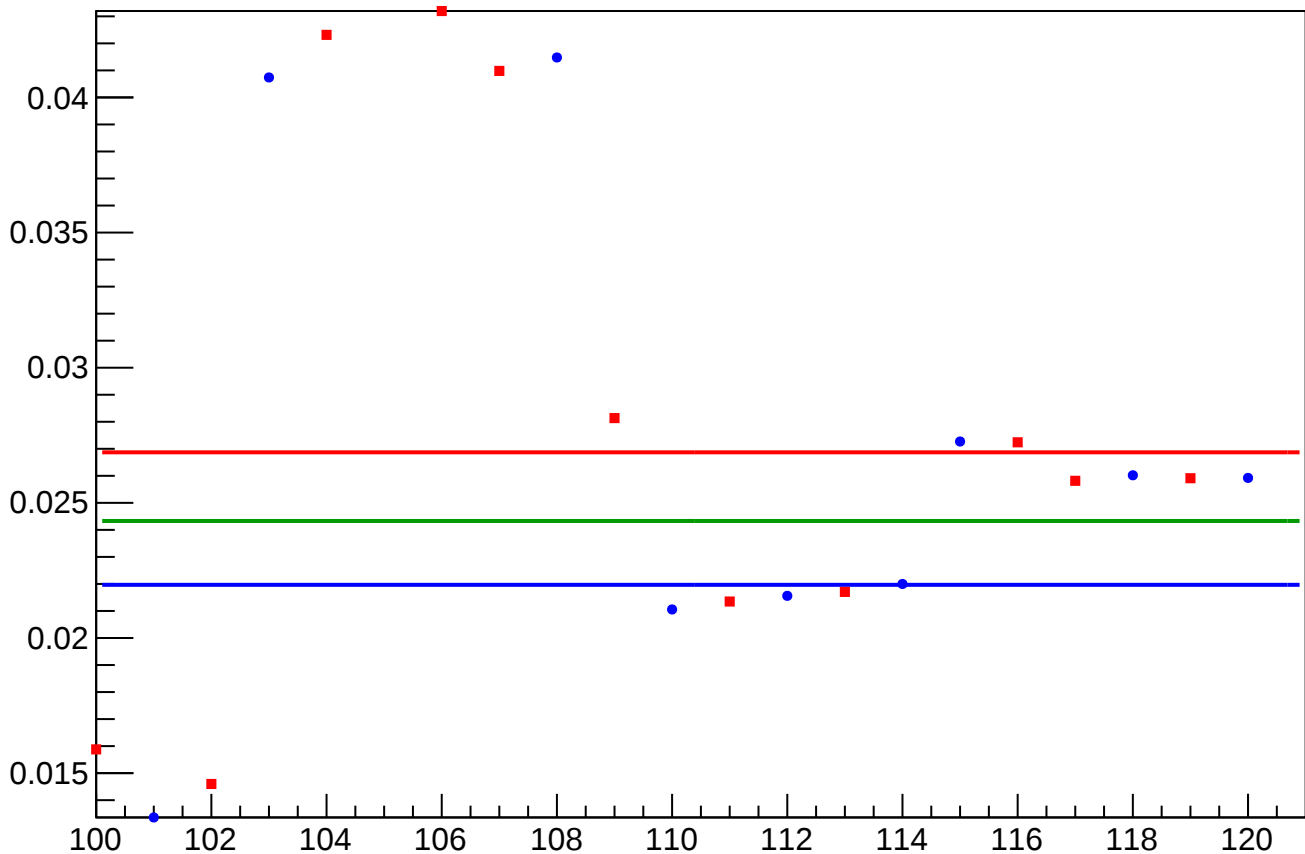
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 636355.8/8

0.000+/-0.000 χ^2/NDF : 924980.4/20

0.000+/-0.000 χ^2/NDF : 211897.6/11

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.000 χ^2/NDF : 3196154212.7/8

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

Right Out: 0.027+/-0.000 χ^2/NDF : 2883183702.2/11

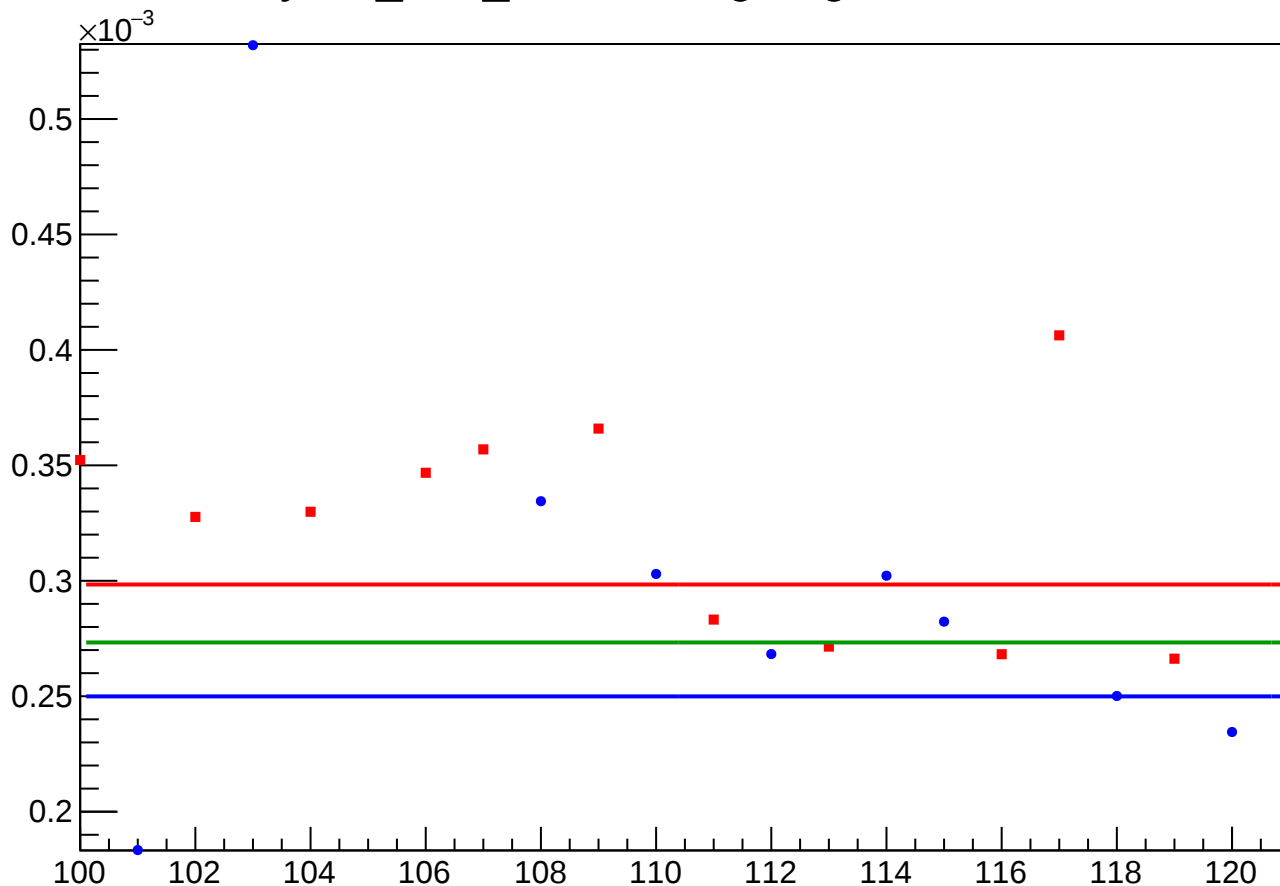
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.022+/-0.000 χ^2/NDF : 3196154212.7/8

0.024+/-0.000 χ^2/NDF : 6602832071.0/20

0.027+/-0.000 χ^2/NDF : 2883183702.2/11

yield_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 510600.7/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 128294.6/11

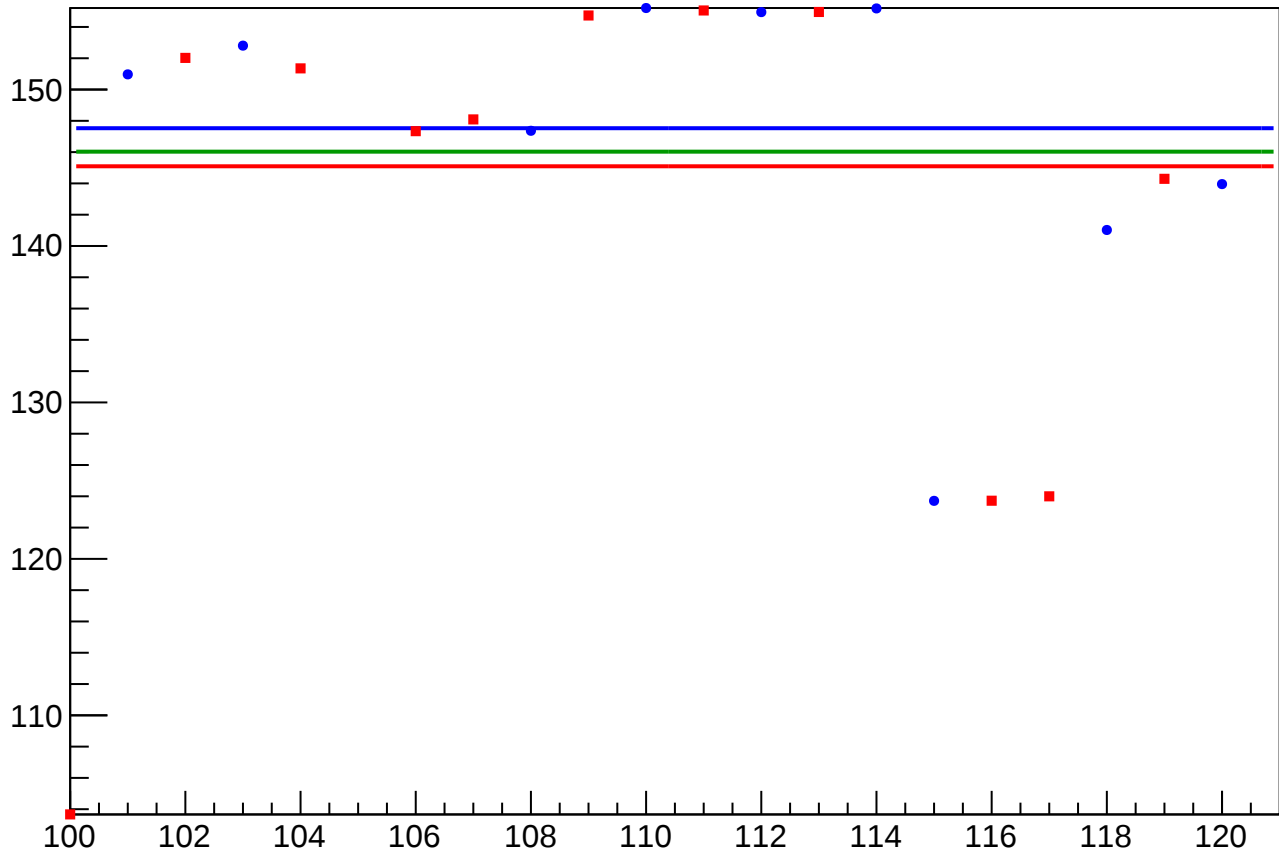
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 510600.7/8

0.000+/-0.000 χ^2/NDF : 741171.7/20

0.000+/-0.000 χ^2/NDF : 128294.6/11

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 147.528+/-0.000 χ^2/NDF : 1816071336.6/8

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

Right Out: 145.094+/-0.000 χ^2/NDF : 4240872602.0/11

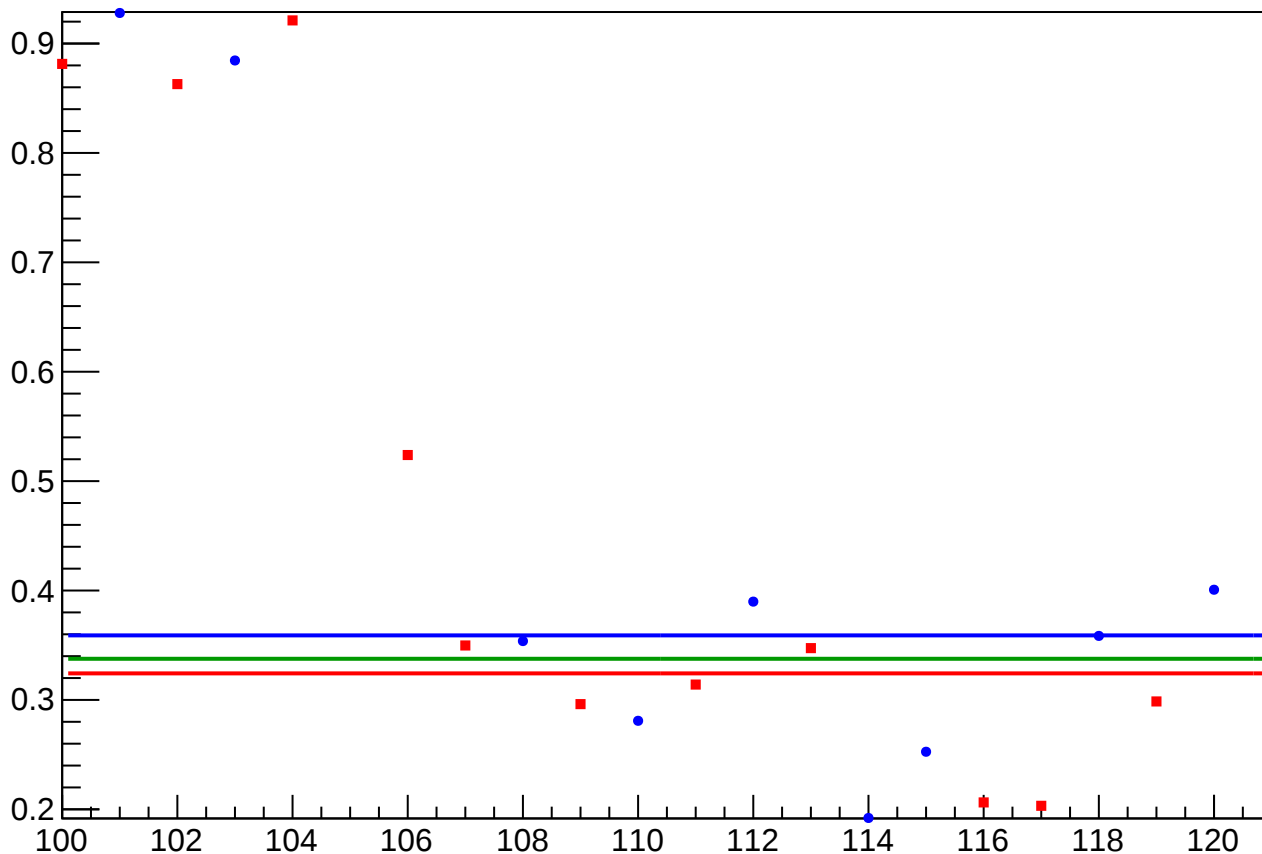
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

147.528+/-0.000 χ^2/NDF : 1816071336.6/8

146.029+/-0.000 χ^2/NDF : 6129874858.8/8

145.094+/-0.000 χ^2/NDF : 4240872602.0/11

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.359+/-0.000 χ^2/NDF : 1059676.7/8

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

Right Out: 0.324+/-0.000 χ^2/NDF : 1136882.4/11

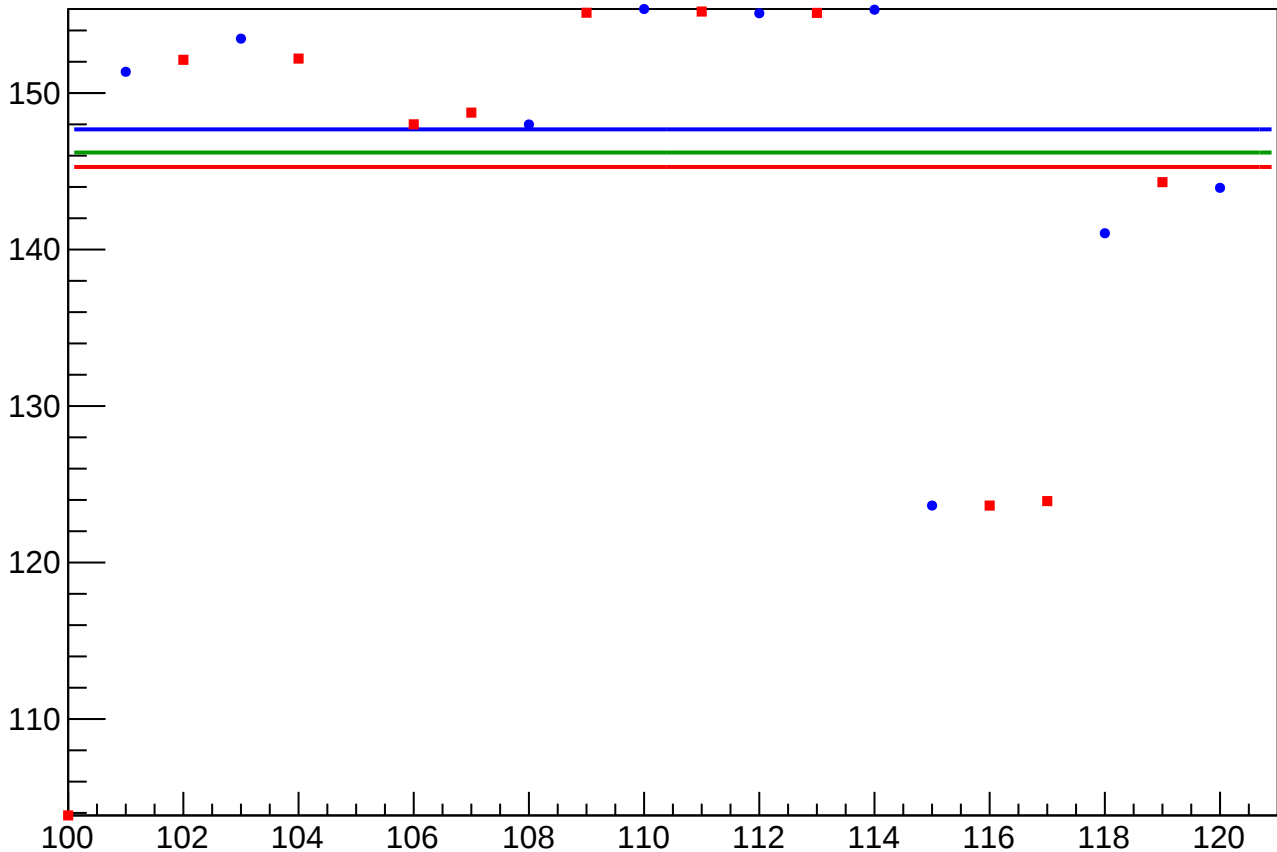
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.359+/-0.000 χ^2/NDF : 1059676.7/8

0.338+/-0.000 χ^2/NDF : 2226269.4/20

0.324+/-0.000 χ^2/NDF : 1136882.4/11

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 147.680+/-0.000 χ^2/NDF : 1825939780.4/8

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

Right Out: 145.276+/-0.000 χ^2/NDF : 4252768927.7/11

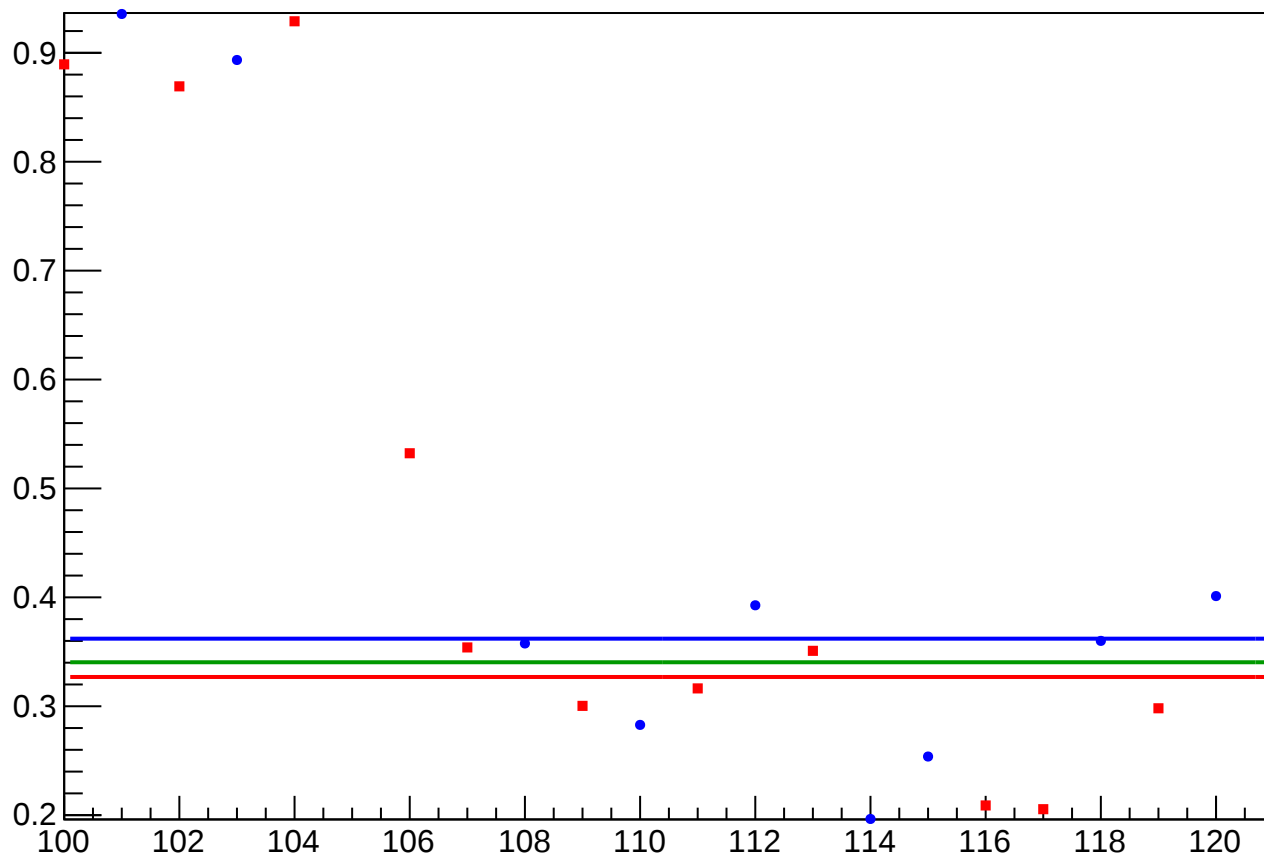
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

147.680+/-0.000 χ^2/NDF : 1825939780.4/8

146.200+/-0.000 χ^2/NDF : 6148734285.1/11

145.276+/-0.000 χ^2/NDF : 4252768927.7/11

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.362 $\pm$ 0.000 χ^2 /NDF: 1054518.6/8

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

Right Out: 0.327 $\pm$ 0.000 χ^2 /NDF: 1137130.7/11

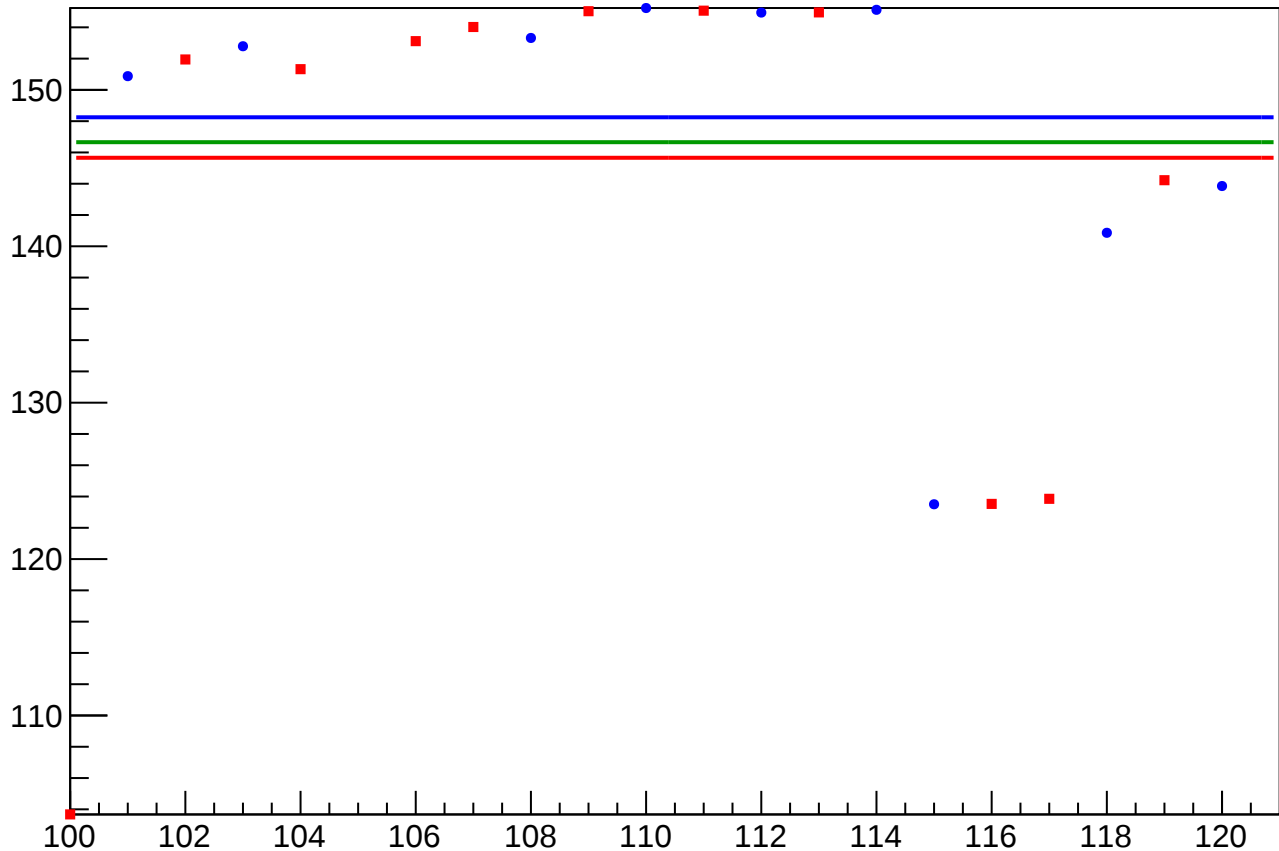
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.362 $\pm$ 0.000 χ^2 /NDF: 1054518.6/8

0.340 $\pm$ 0.000 χ^2 /NDF: 2221651.3/20

0.327 $\pm$ 0.000 χ^2 /NDF: 1137130.7/11

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 148.248+/-0.000 χ^2/NDF : 1912996523.7/8

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

148.248+/-0.000 χ^2/NDF : 1912996523.7/8

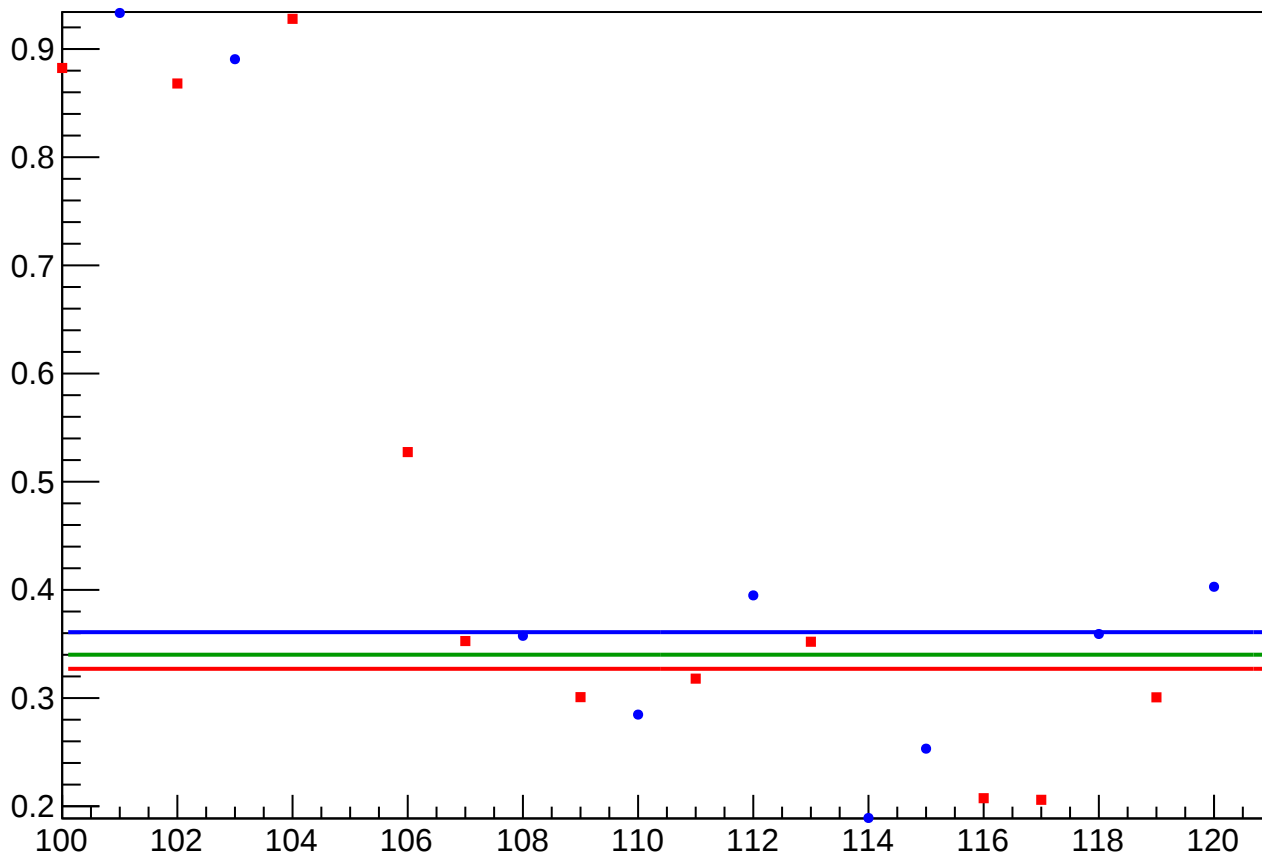
146.656+/-0.000 χ^2/NDF : 6483583628.9/11

Right Out: 145.660+/-0.000 χ^2/NDF : 4489254467.9/11

145.660+/-0.000 χ^2/NDF : 4489254467.9/11

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

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.361+/-0.000 χ^2/NDF : 1068790.6/8

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

Right Out: 0.327+/-0.000 χ^2/NDF : 1136933.4/11

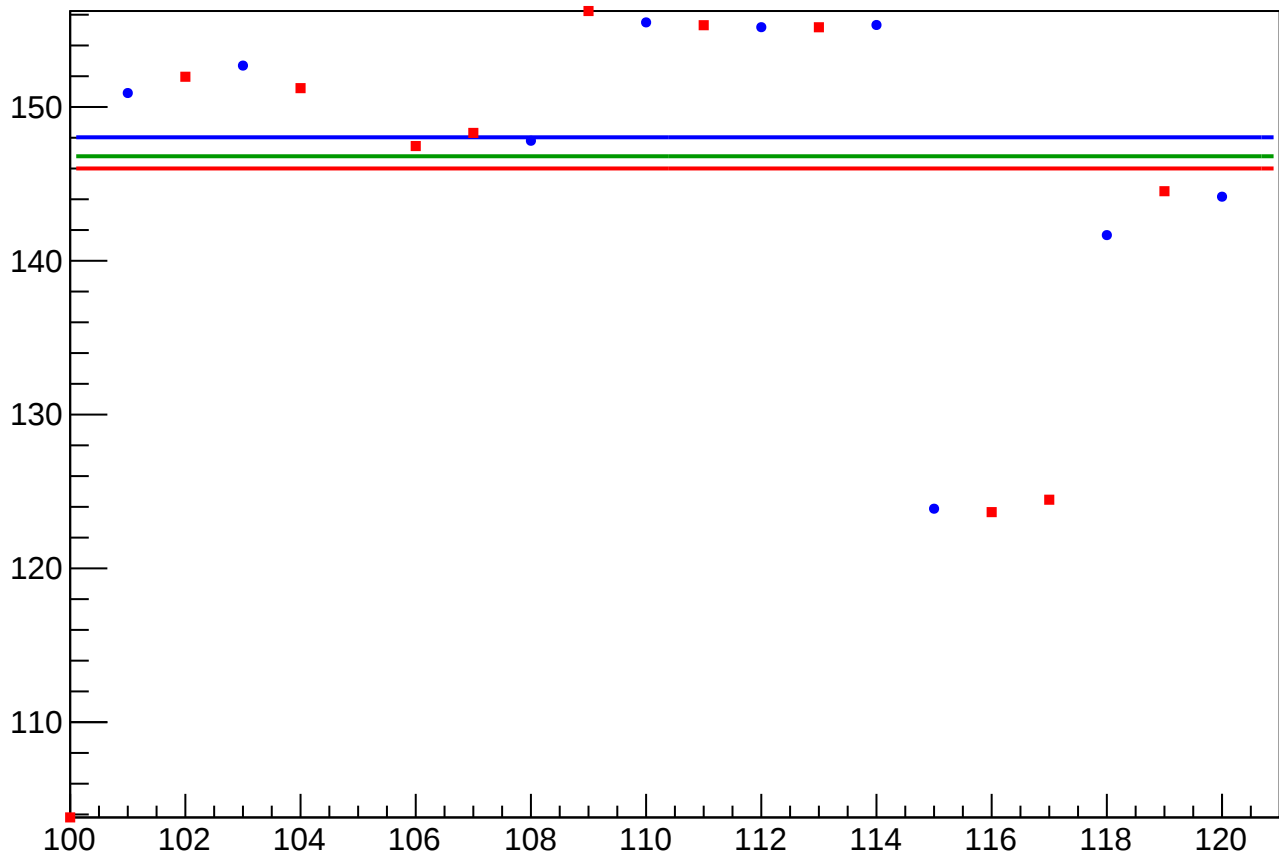
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.361+/-0.000 χ^2/NDF : 1068790.6/8

0.340+/-0.000 χ^2/NDF : 2233579.7/20

0.327+/-0.000 χ^2/NDF : 1136933.4/11

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 148.030+/-0.000 χ^2/NDF : 1617643432.7/8

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

Right Out: 146.002+/-0.000 χ^2/NDF : 3797612705.0/11

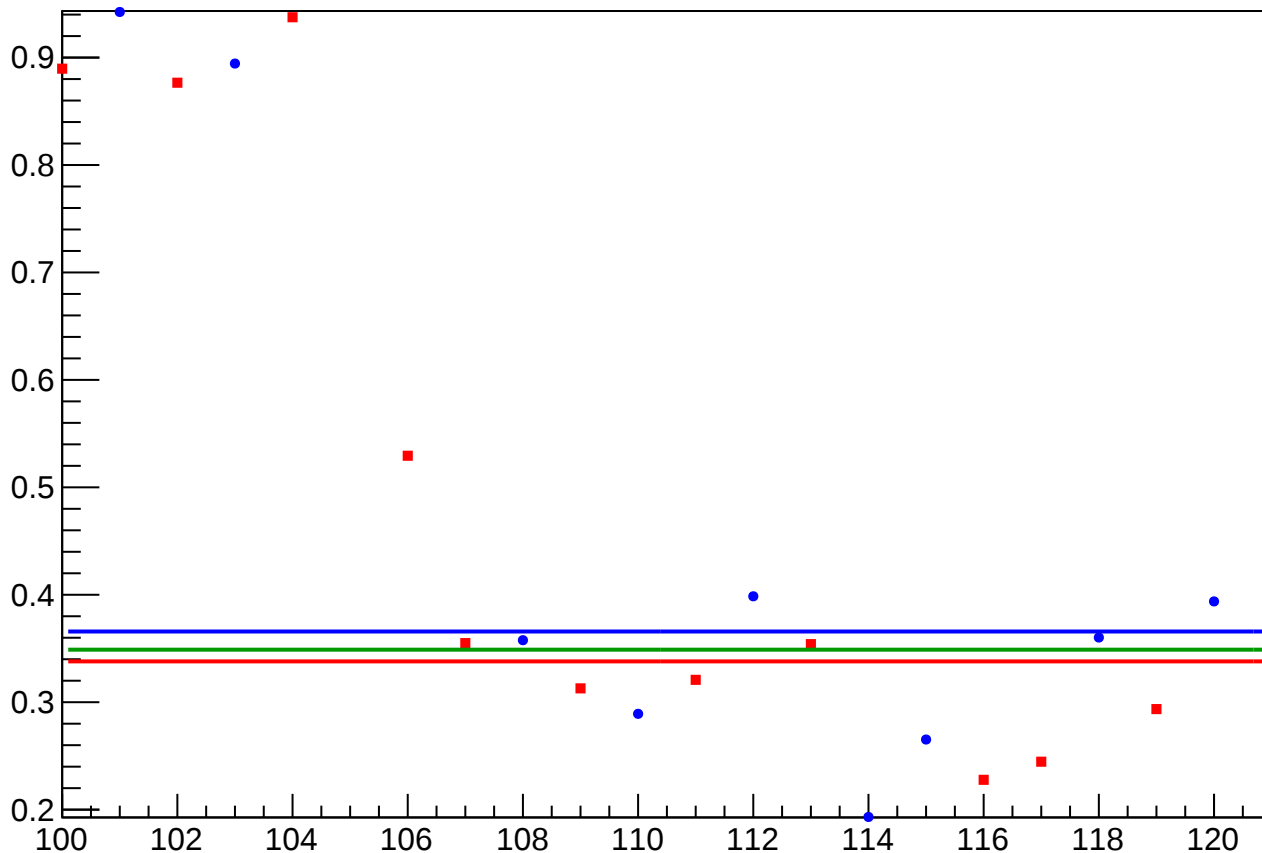
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

148.030+/-0.000 χ^2/NDF : 1617643432.7/8

146.797+/-0.000 χ^2/NDF : 5463326971.9/11

146.002+/-0.000 χ^2/NDF : 3797612705.0/11

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.366+/-0.000 χ^2/NDF : 1043623.5/8

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

Right Out: 0.338+/-0.000 χ^2/NDF : 1059691.9/11

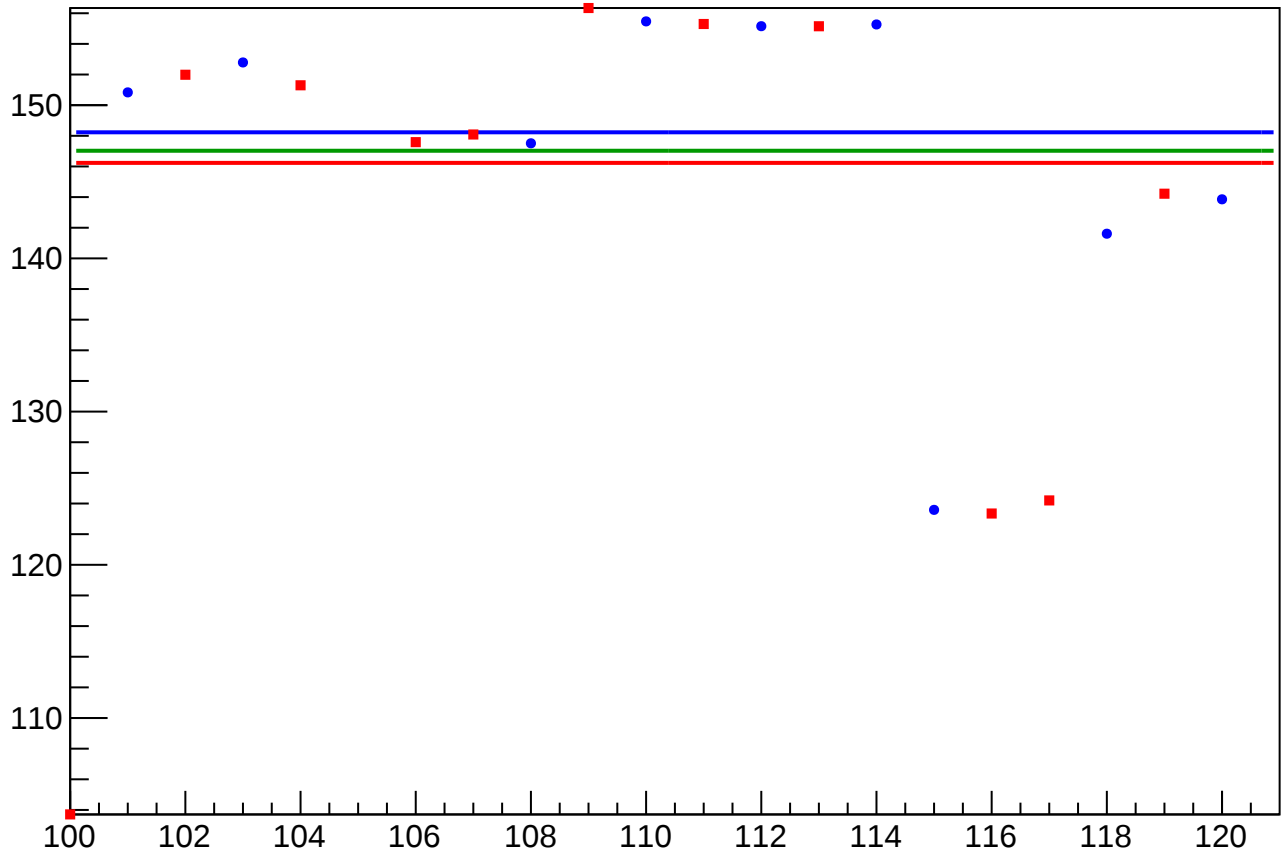
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.366+/-0.000 χ^2/NDF : 1043623.5/8

0.349+/-0.000 χ^2/NDF : 2121416.8/20

0.338+/-0.000 χ^2/NDF : 1059691.9/11

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 148.229 ± 0.000 χ^2/NDF : 1627615617.6/8

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

Right Out: 146.233 ± 0.000 χ^2/NDF : 3801336969.2/11

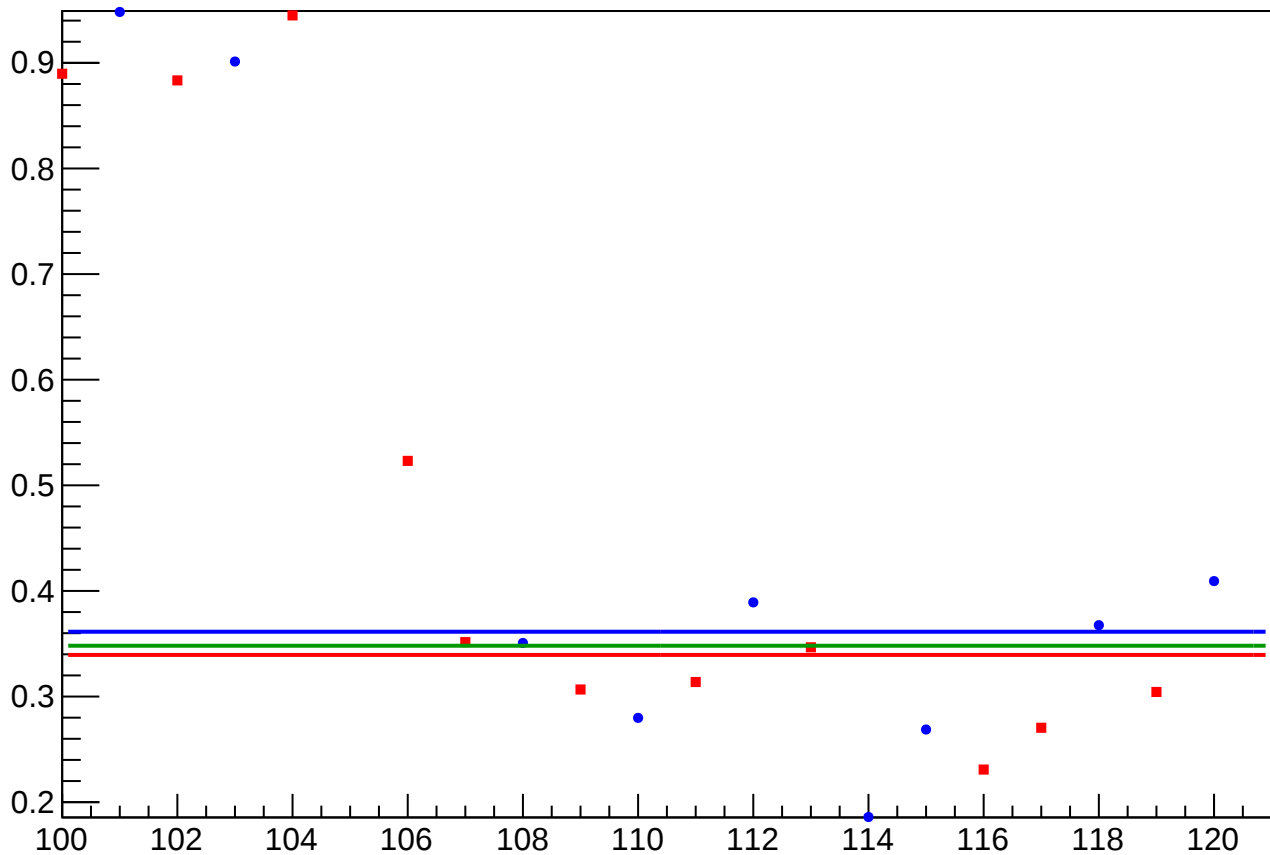
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

148.229 ± 0.000 χ^2/NDF : 1627615617.6/8

147.025 ± 0.000 χ^2/NDF : 5475871623.4/11

146.233 ± 0.000 χ^2/NDF : 3801336969.2/11

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.361 ± 0.000 $\chi^2/\text{NDF}: 1083700.8/8$

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

Right Out: 0.339 ± 0.000 $\chi^2/\text{NDF}: 1042527.2/11$

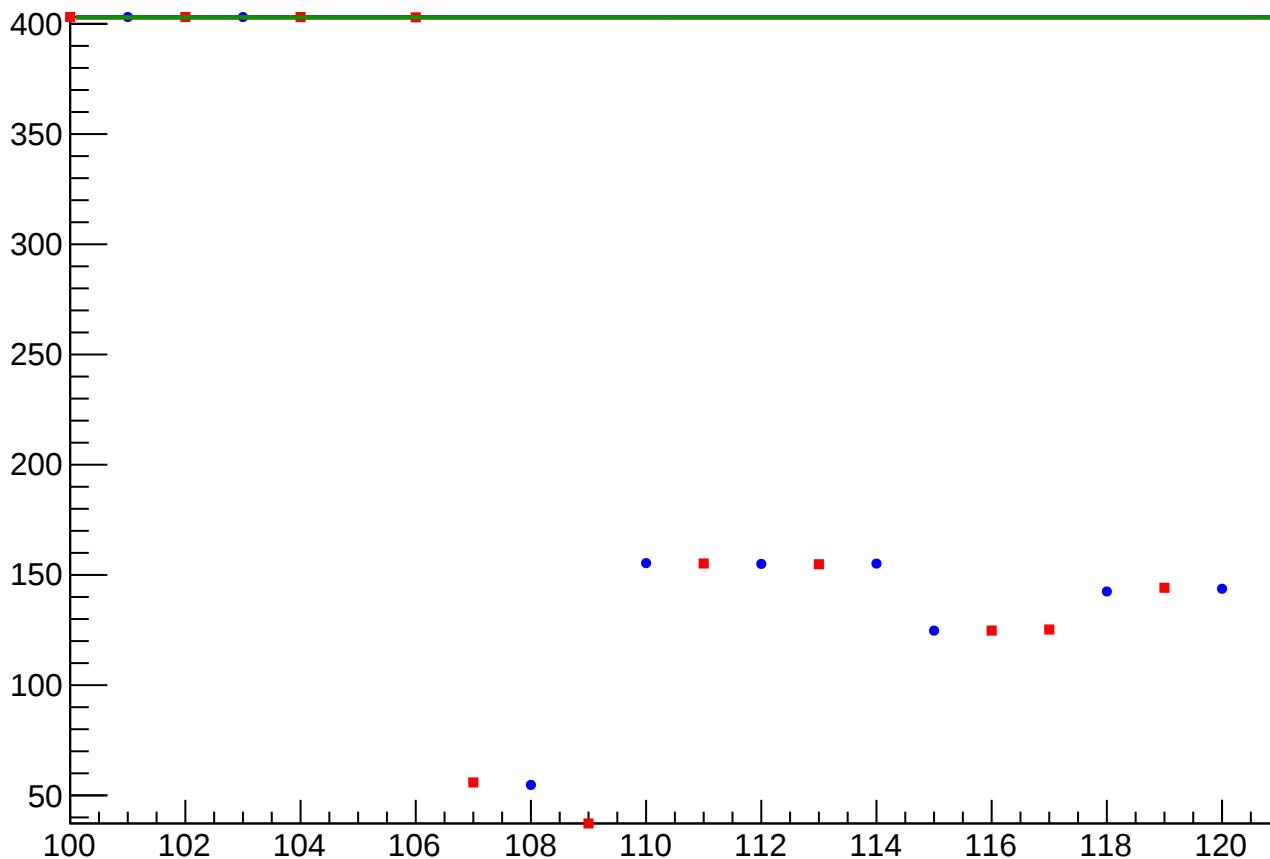
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

0.361 ± 0.000 $\chi^2/\text{NDF}: 1083700.8/8$

0.348 ± 0.000 $\chi^2/\text{NDF}: 2137583.0/20$

0.339 ± 0.000 $\chi^2/\text{NDF}: 1042527.2/11$

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 403.035+/-0.000 χ^2/NDF : 473661718643.6/8

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

Right Out: 402.852+/-0.000 χ^2/NDF : 2617253519654.9/11

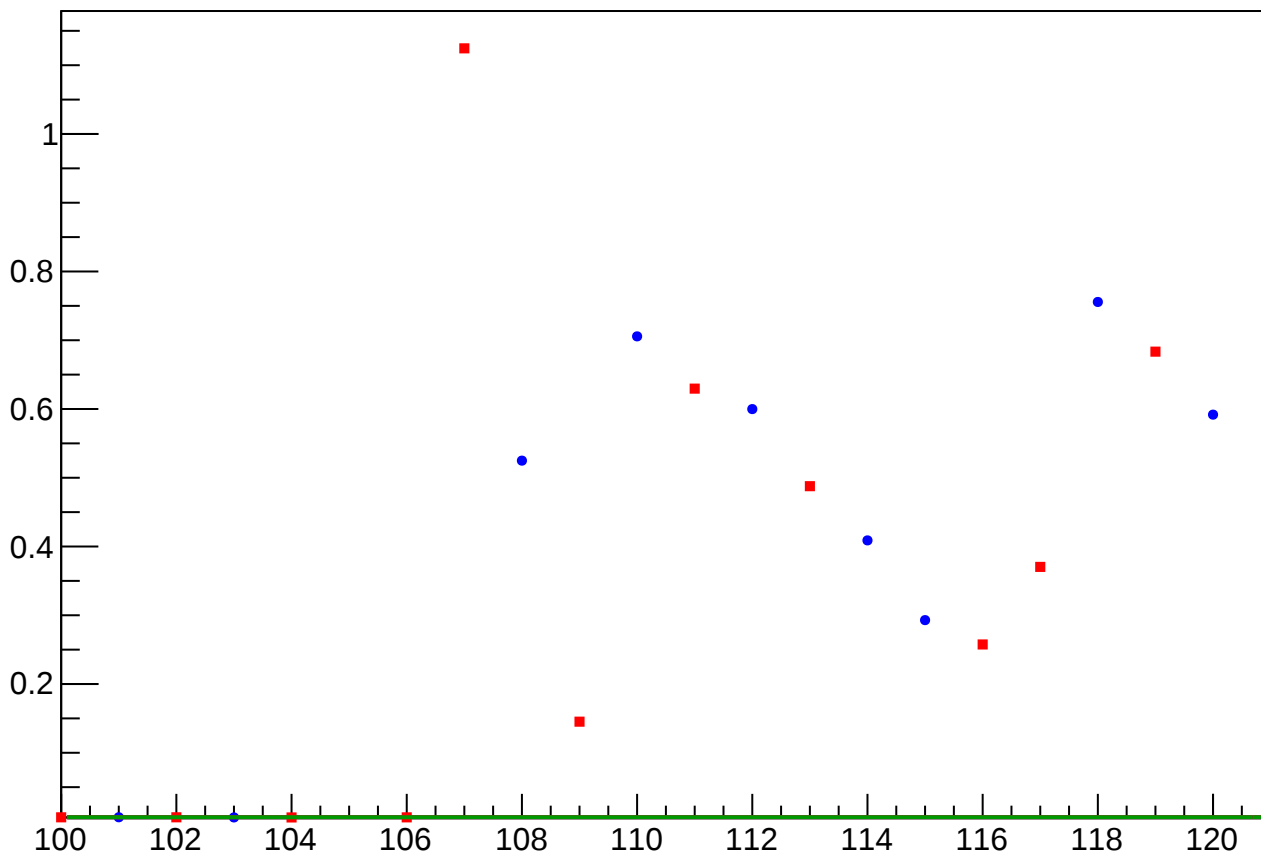
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

403.035+/-0.000 χ^2/NDF : 473661718643.6/8

402.938+/-0.000 χ^2/NDF : 309146871720

402.852+/-0.000 χ^2/NDF : 2617253519654.9/11

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 3585607.4/8

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

Right Out: 0.006+/-0.000 χ^2/NDF : 4504249.3/11

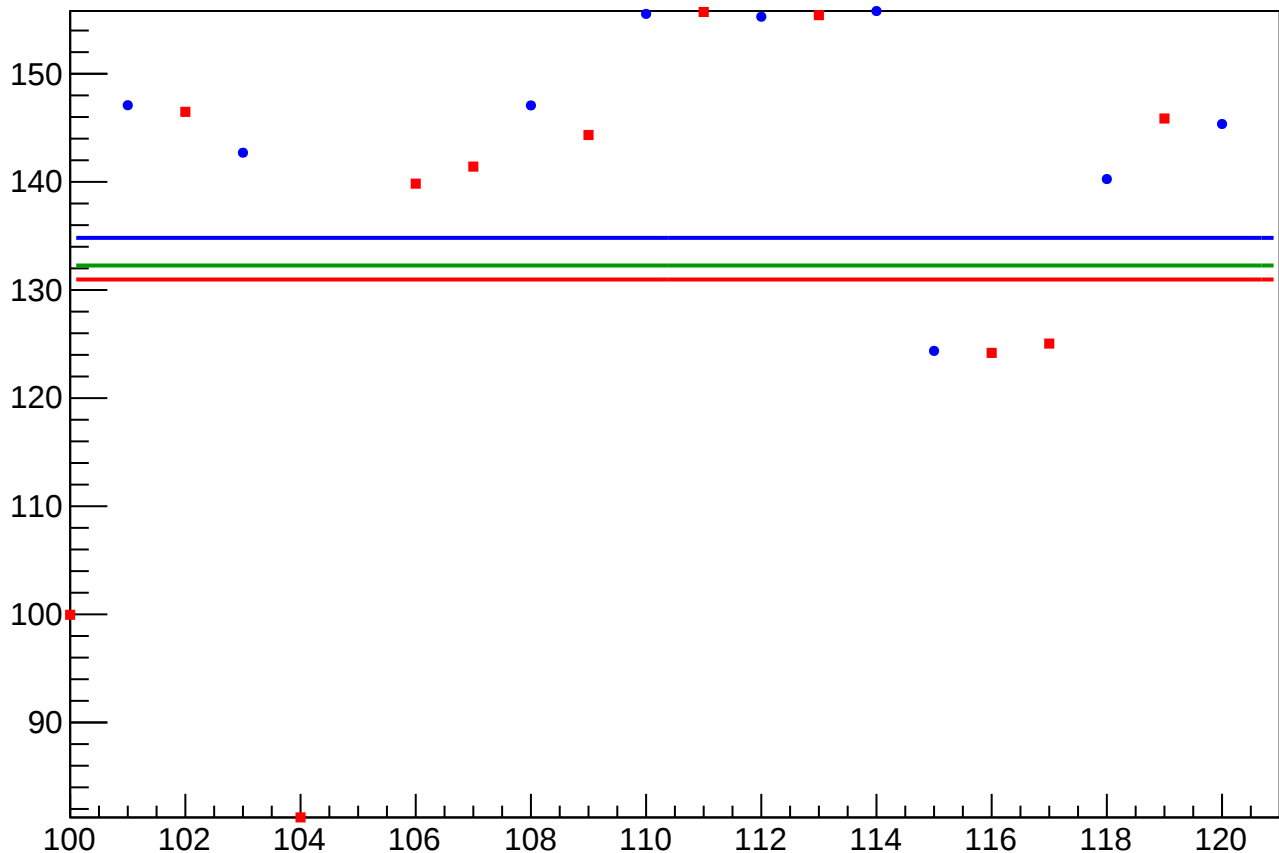
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 3585607.4/8

0.006+/-0.000 χ^2/NDF : 8089894.6/20

0.006+/-0.000 χ^2/NDF : 4504249.3/11

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 134.823+/-0.001 χ^2/NDF : 449057880.9/8

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

Right Out: 130.972+/-0.000 χ^2/NDF : 890810931.2/11

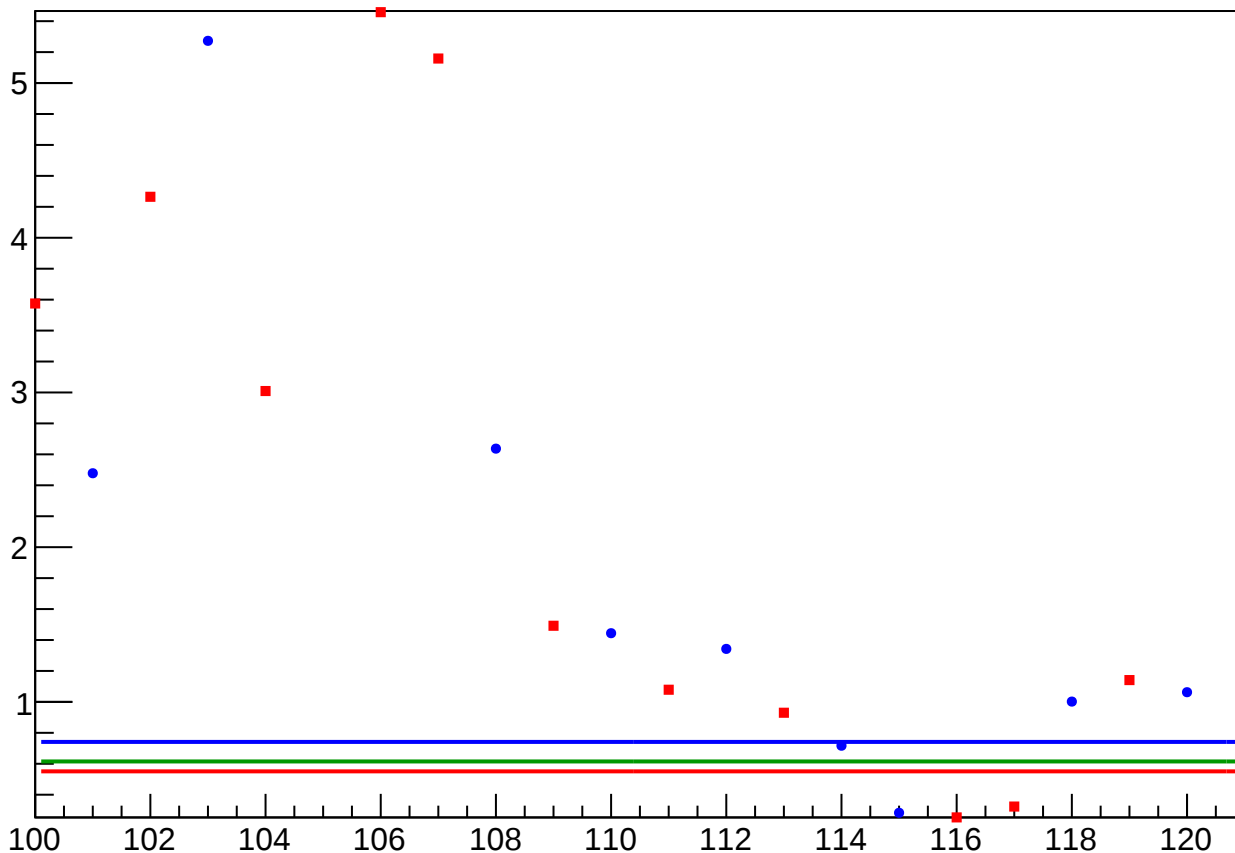
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

134.823+/-0.001 χ^2/NDF : 449057880.9/8

132.267+/-0.000 χ^2/NDF : 1367673443.2/11

130.972+/-0.000 χ^2/NDF : 890810931.2/11

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.741+/-0.000 χ^2/NDF : 2714966.8/8

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

Right Out: 0.551+/-0.000 χ^2/NDF : 4069404.3/11

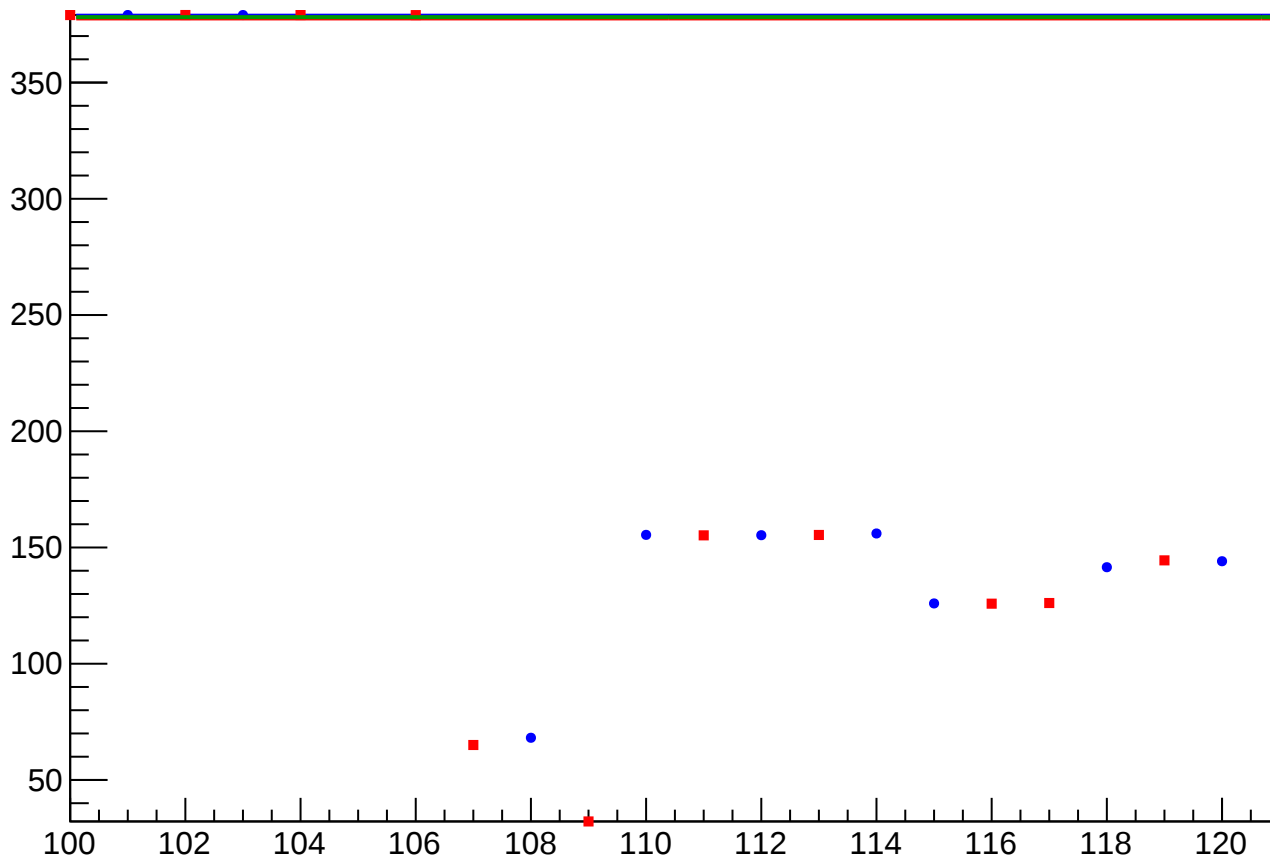
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.741+/-0.000 χ^2/NDF : 2714966.8/8

0.615+/-0.000 χ^2/NDF : 6920193.6/20

0.551+/-0.000 χ^2/NDF : 4069404.3/11

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 378.766+/-0.000 χ^2/NDF : 989189869892.7/8

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

Right Out: 377.579+/-0.000 χ^2/NDF : 7252180513882.6/11

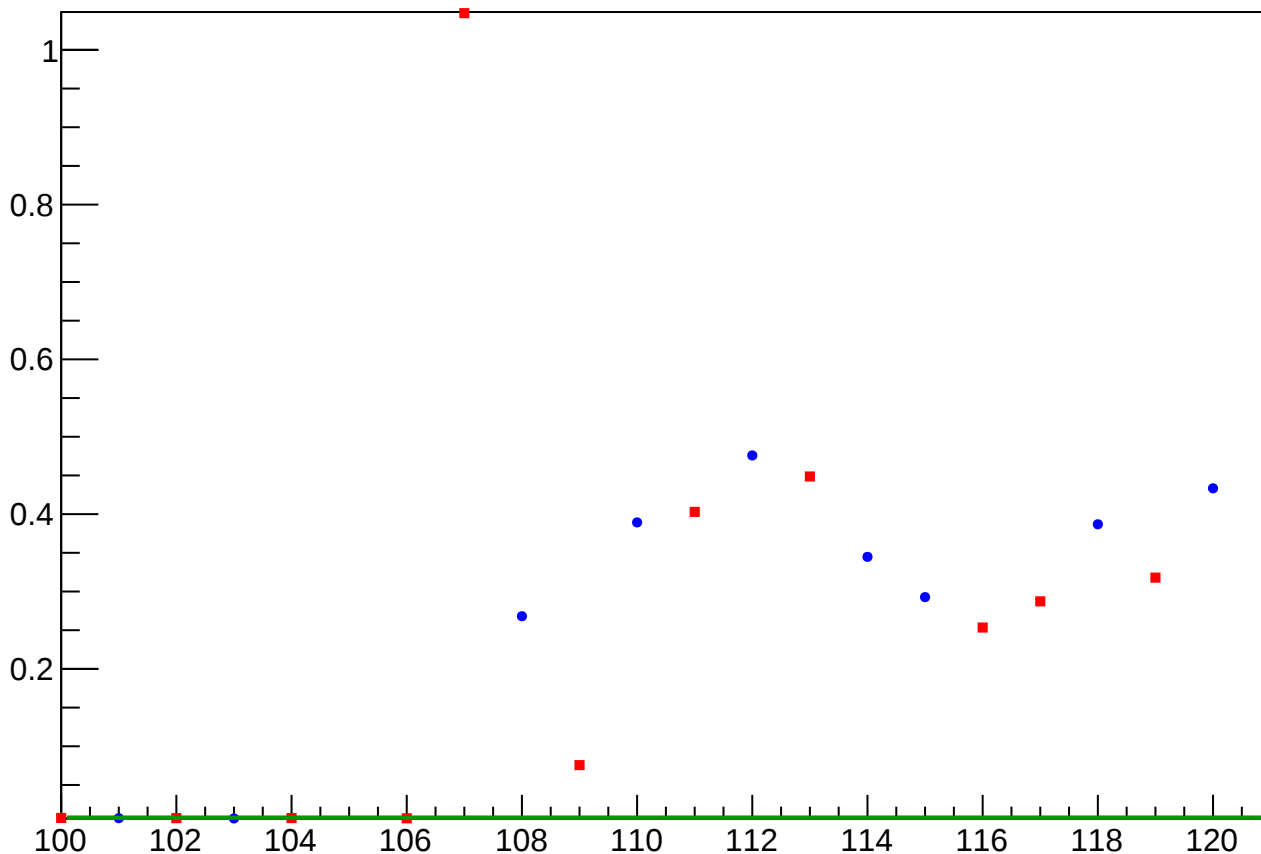
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

378.766+/-0.000 χ^2/NDF : 989189869892.7/8

378.134+/-0.000 χ^2/NDF : 825134523202

377.579+/-0.000 χ^2/NDF : 7252180513882.6/11

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 3826781.8/8

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

Right Out: 0.008+/-0.000 χ^2/NDF : 4597241.0/11

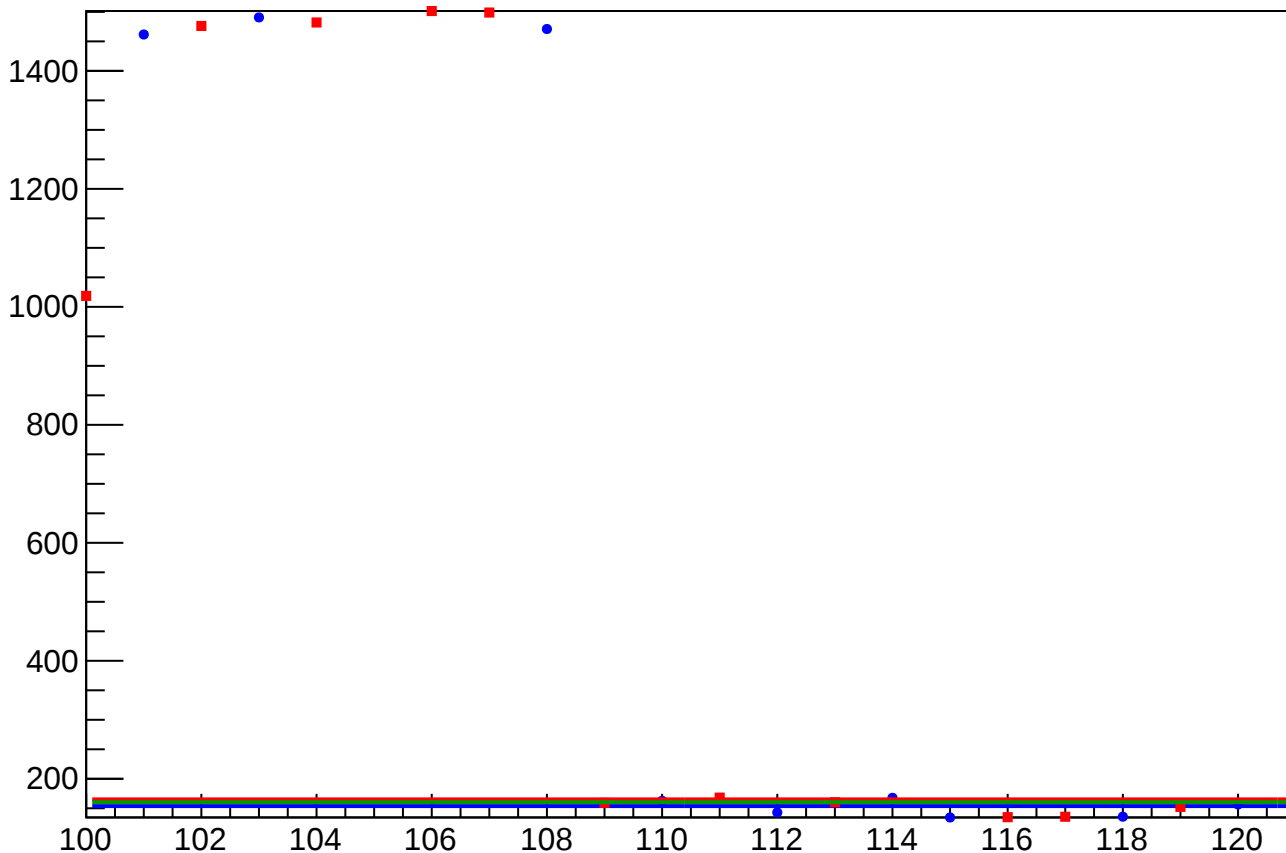
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 3826781.8/8

0.008+/-0.000 χ^2/NDF : 8424921.5/20

0.008+/-0.000 χ^2/NDF : 4597241.0/11

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 153.730+/-0.001 χ^2/NDF : 24058901763.7/8

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

Right Out: 165.086+/-0.001 χ^2/NDF : 32844851834.7/11

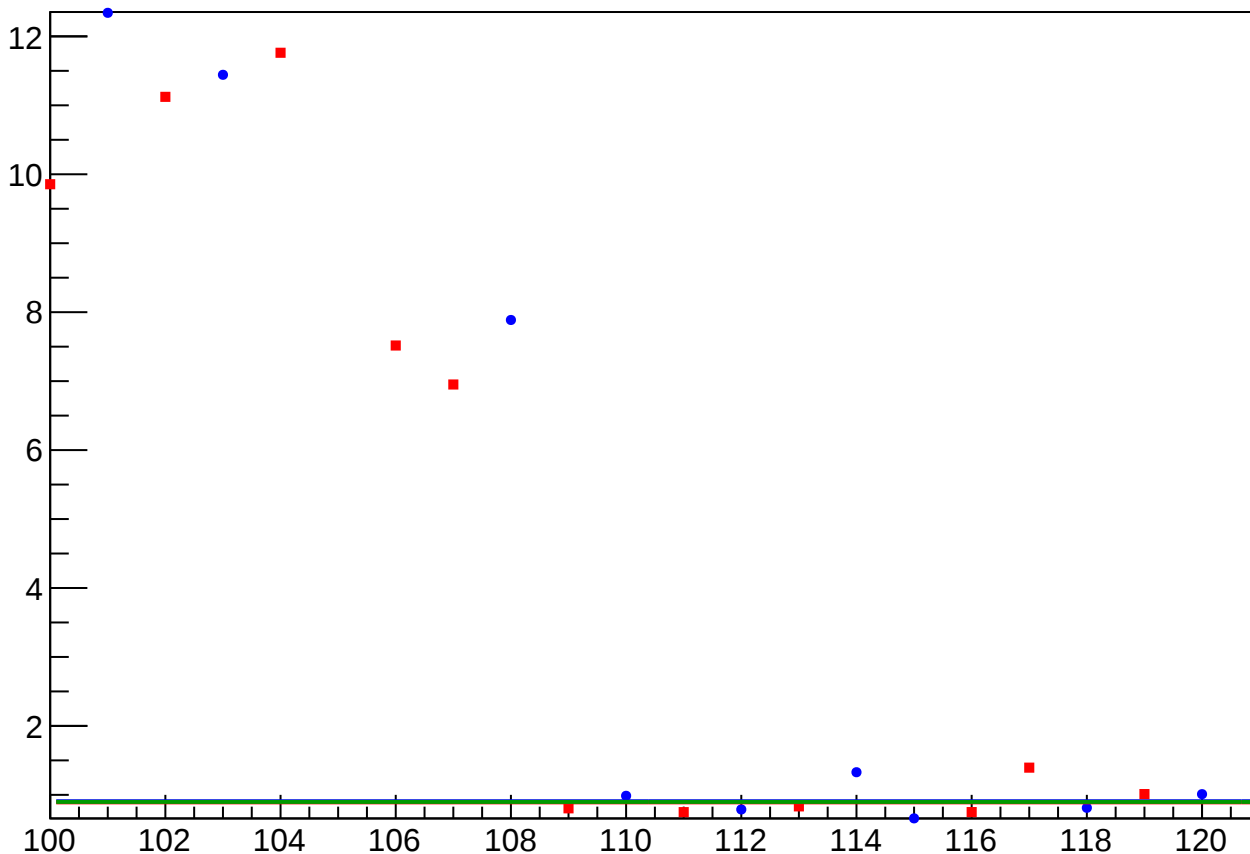
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

153.730+/-0.001 χ^2/NDF : 24058901763.7/8

160.326+/-0.000 χ^2/NDF : 57050798381.3

165.086+/-0.001 χ^2/NDF : 32844851834.7/11

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.907+/-0.001 χ^2/NDF : 2531807.9/8

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

Right Out: 0.891+/-0.000 χ^2/NDF : 2691157.1/11

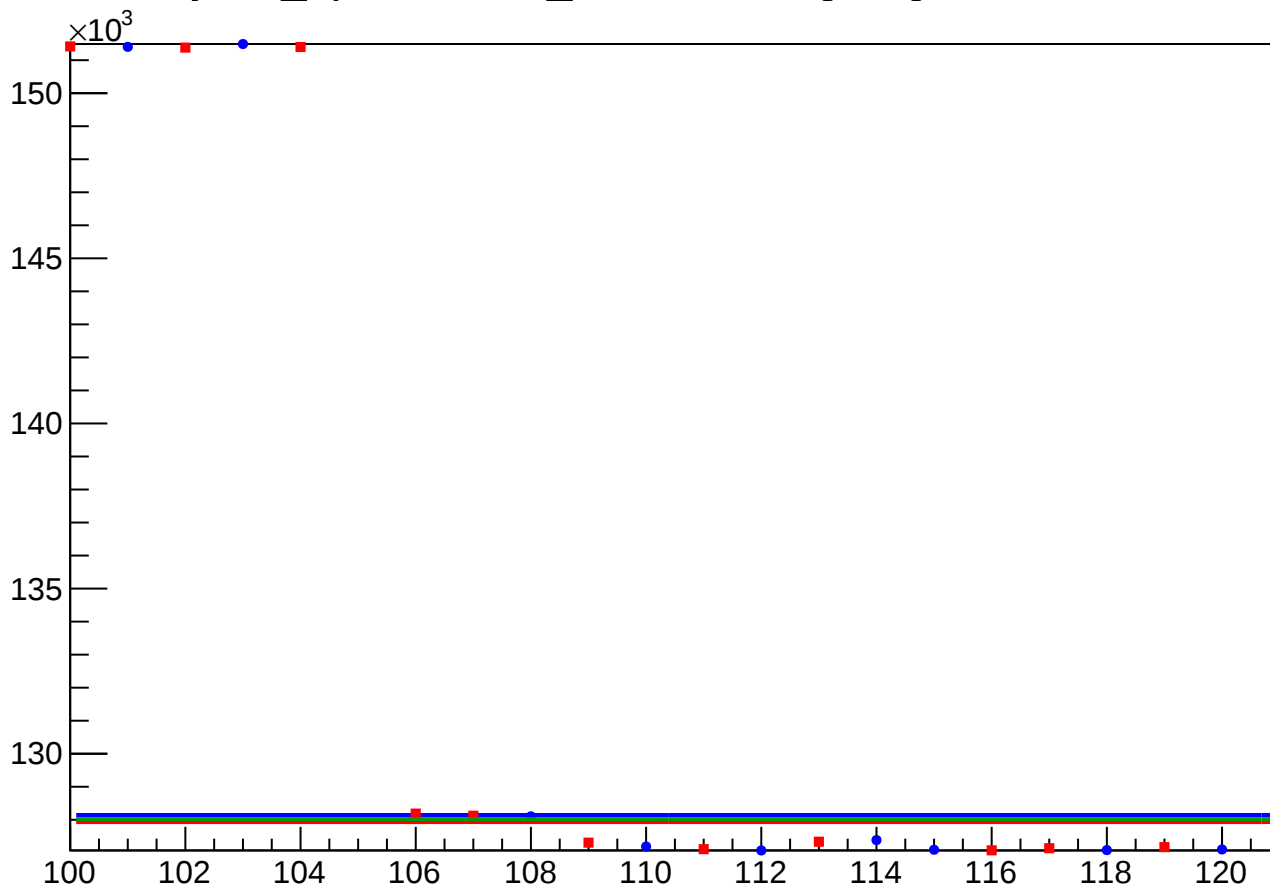
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.907+/-0.001 χ^2/NDF : 2531807.9/8

0.898+/-0.000 χ^2/NDF : 5223545.6/20

0.891+/-0.000 χ^2/NDF : 2691157.1/11

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 128144.873 $\pm$ 0.071 χ^2 /NDF: 4136435592.9/8

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

Right Out: 127930.270 $\pm$ 0.060 χ^2 /NDF: 3629553238.5/11

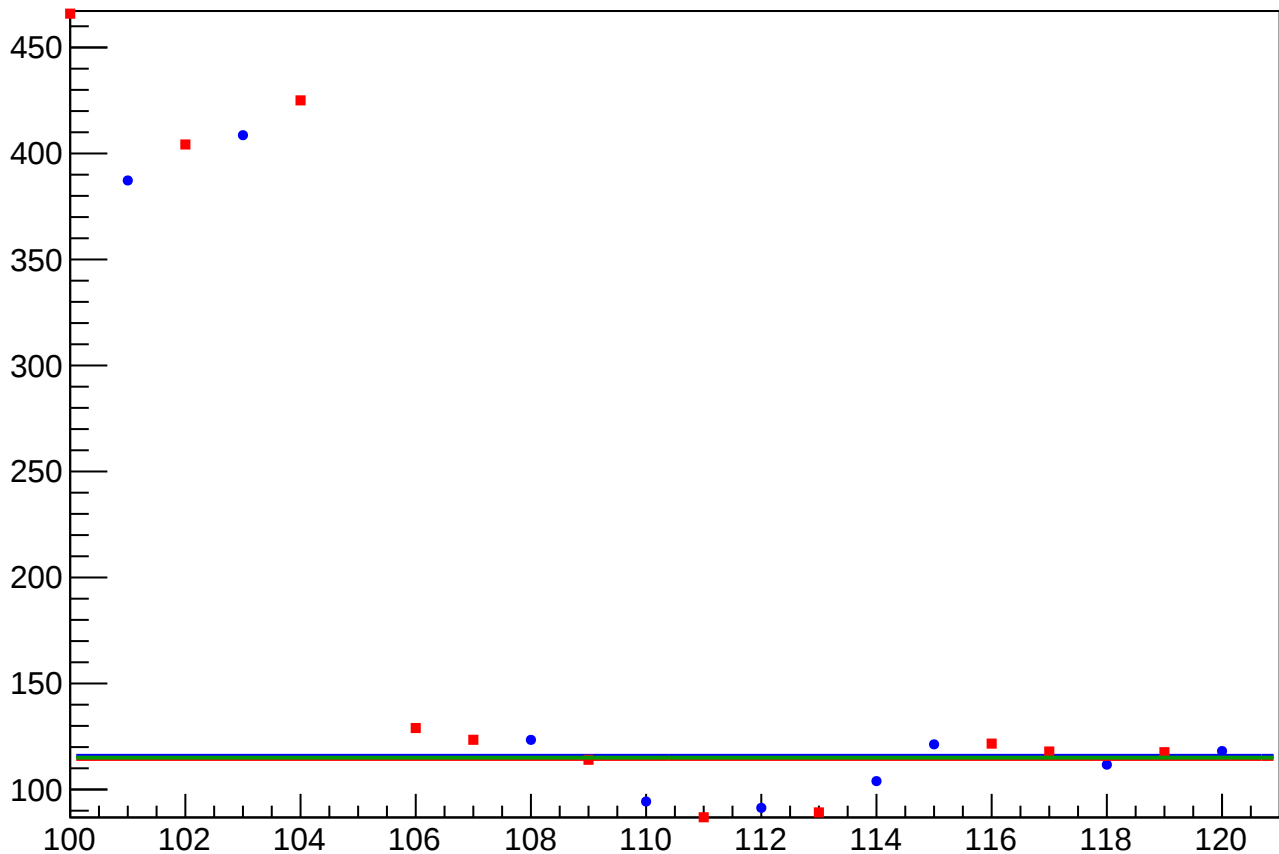
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

128144.873 $\pm$ 0.071 χ^2 /NDF: 4136435592.9/8

128020.214 $\pm$ 0.046 χ^2 /NDF: 777127117

127930.270 $\pm$ 0.060 χ^2 /NDF: 3629553238.5/11

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 115.863+/-0.050 χ^2/NDF : 1260017.9/8

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

Right Out: 114.425+/-0.043 χ^2/NDF : 1335731.3/11

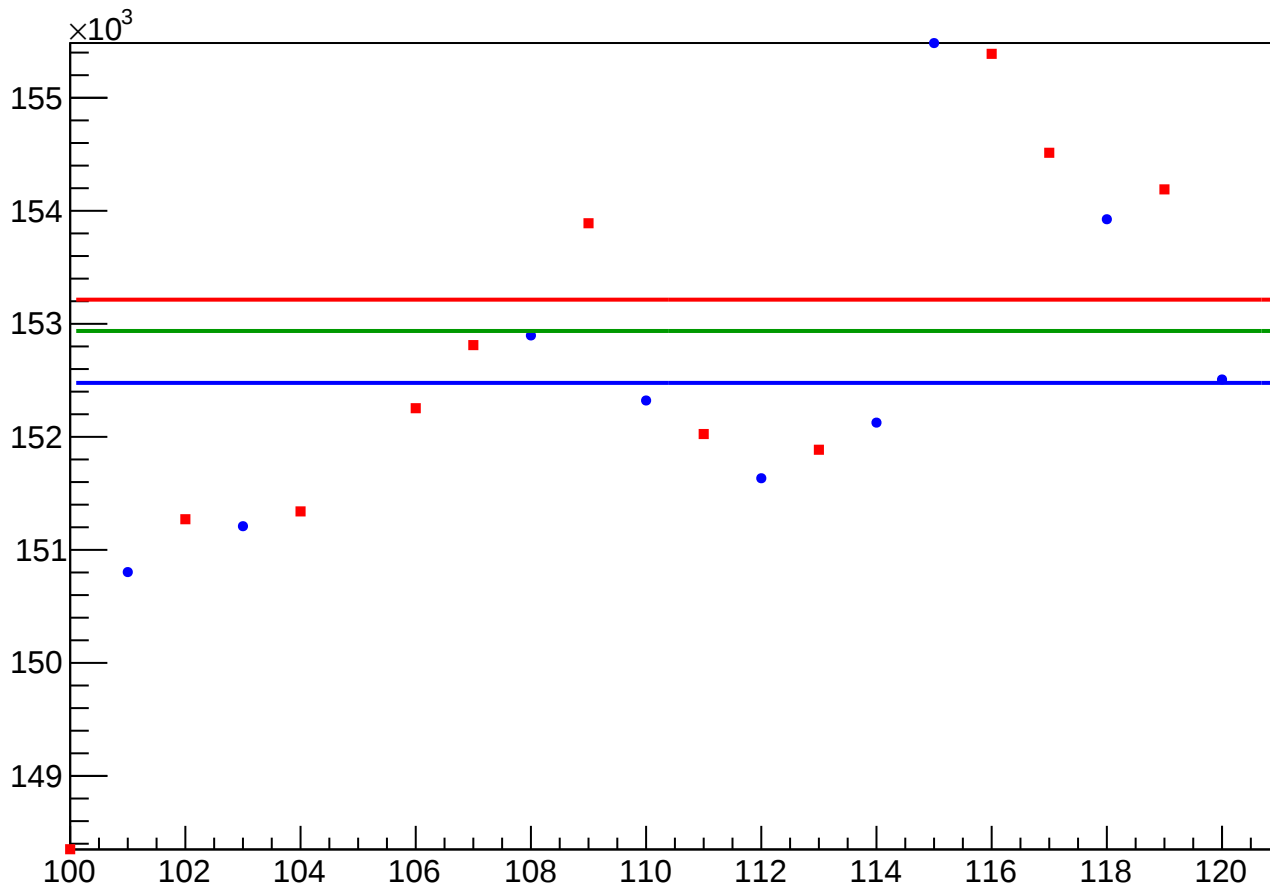
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

115.863+/-0.050 χ^2/NDF : 1260017.9/8

115.028+/-0.033 χ^2/NDF : 2596223.4/20

114.425+/-0.043 χ^2/NDF : 1335731.3/11

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 152477.481 $\pm$ 0.112 χ^2 /NDF: 81770578.2/8

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

152477.481 $\pm$ 0.112 χ^2 /NDF: 81770578.2/8

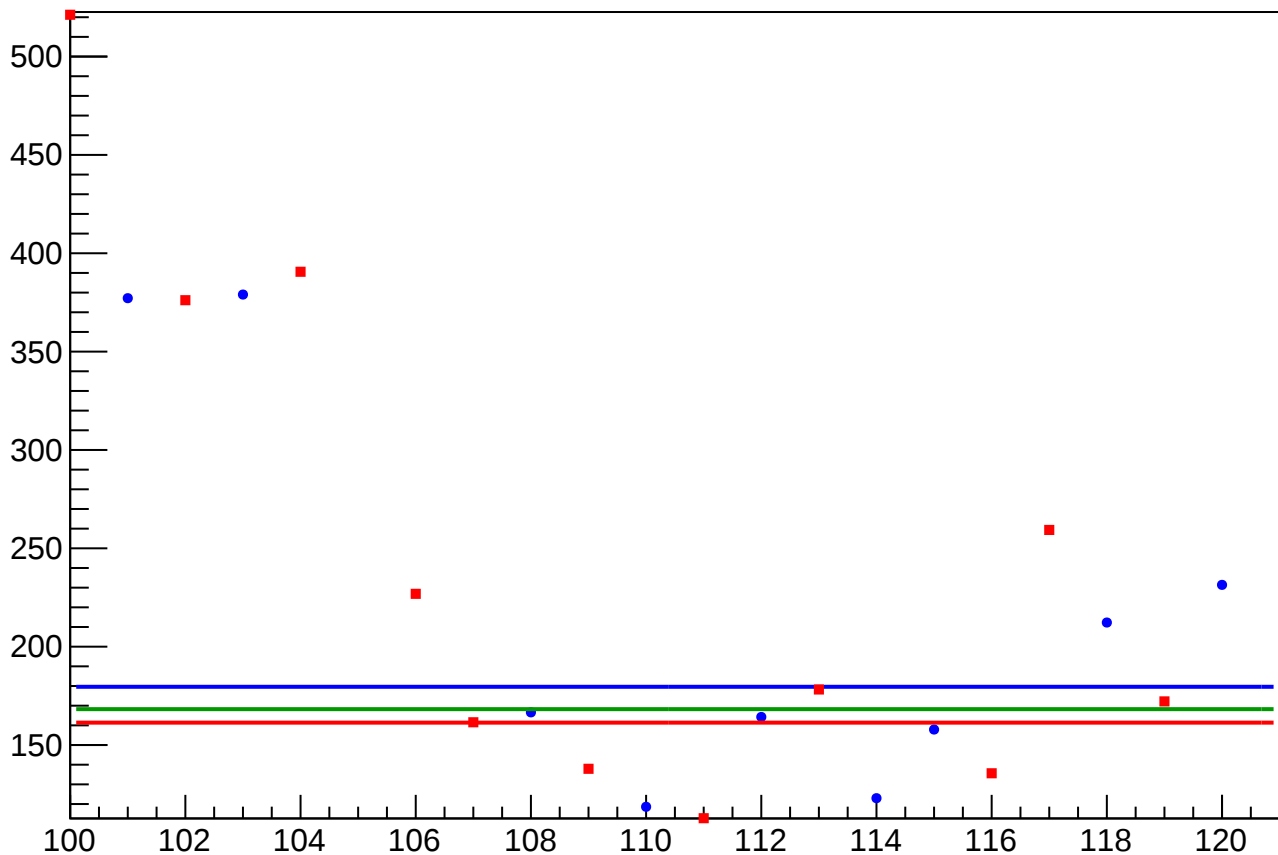
152936.838 $\pm$ 0.069 χ^2 /NDF: 325572469

Right Out: 153213.923 $\pm$ 0.087 χ^2 /NDF: 216709963.4/11

153213.923 $\pm$ 0.087 χ^2 /NDF: 216709963.4/11

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

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 179.607 $\pm$ 0.079 χ^2 /NDF: 894305.7/8

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

Right Out: 161.384 $\pm$ 0.061 χ^2 /NDF: 1015507.4/11

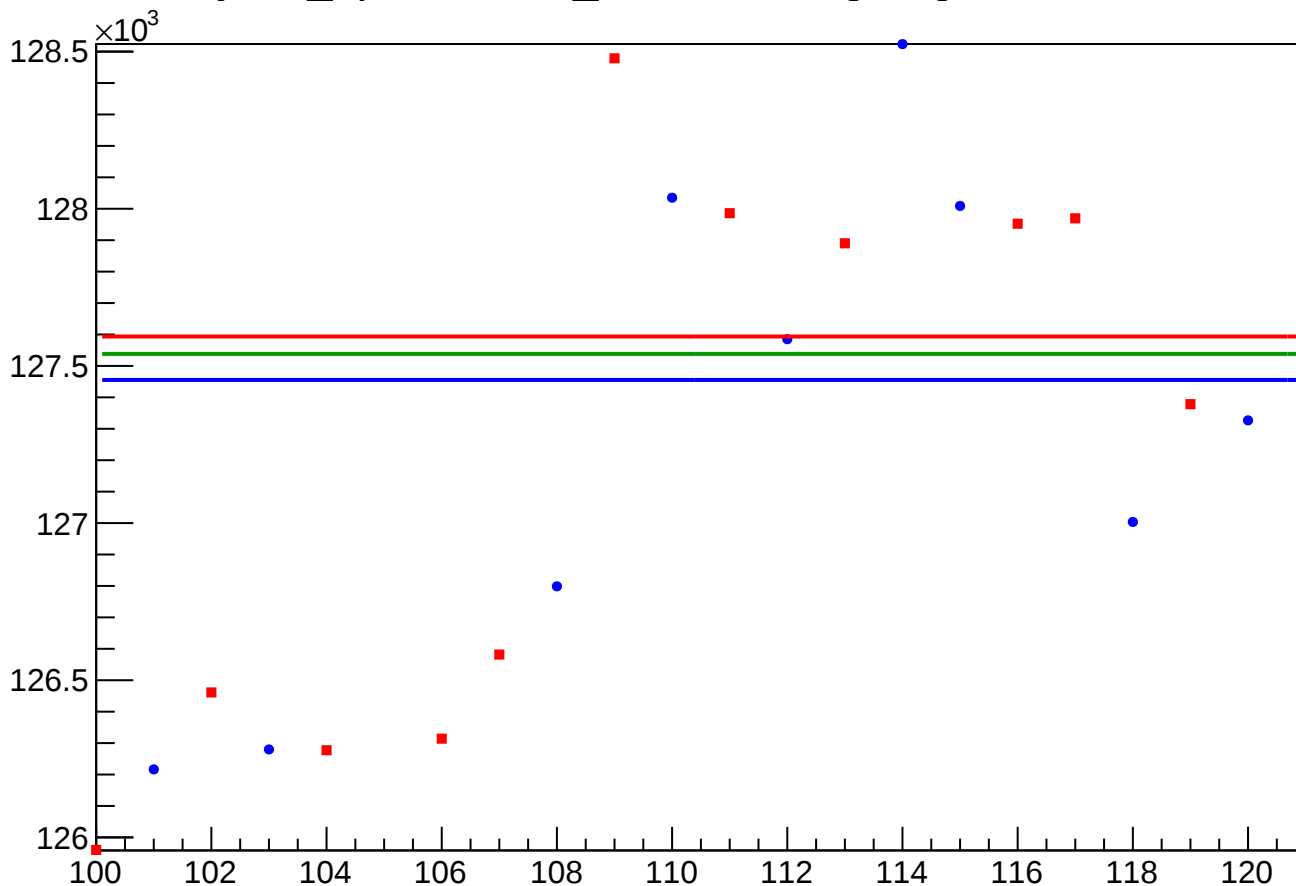
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

179.607 $\pm$ 0.079 χ^2 /NDF: 894305.7/8

168.240 $\pm$ 0.048 χ^2 /NDF: 1942989.9/20

161.384 $\pm$ 0.061 χ^2 /NDF: 1015507.4/11

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127455.376 $\pm$ 0.085 χ^2 /NDF: 54912651.8/8

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

Right Out: 127593.555 $\pm$ 0.069 χ^2 /NDF: 90411333.3/11

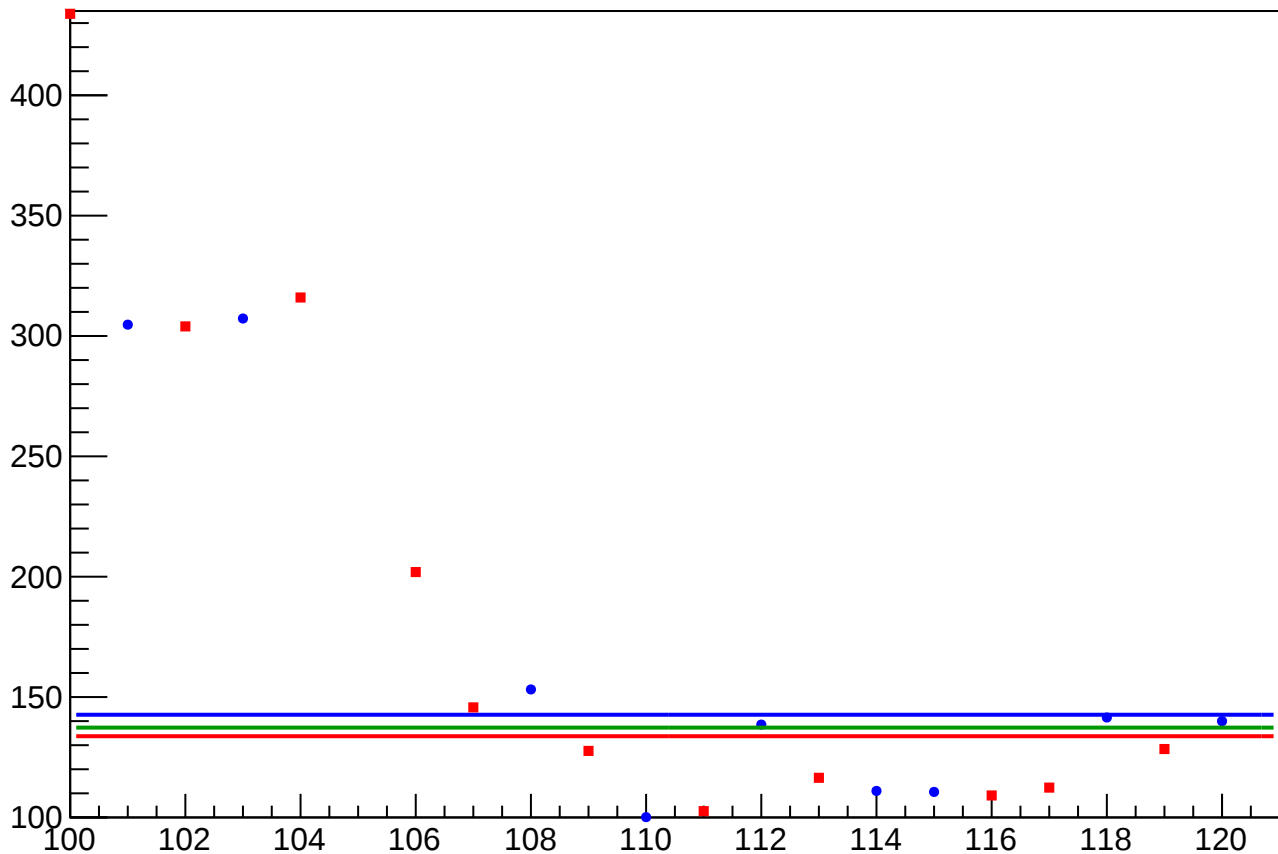
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

127455.376 $\pm$ 0.085 χ^2 /NDF: 54912651.8/8

127538.208 $\pm$ 0.054 χ^2 /NDF: 146918000

127593.555 $\pm$ 0.069 χ^2 /NDF: 90411333.3/11

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 142.650+/-0.060 χ^2/NDF : 820259.0/8

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

Right Out: 133.732+/-0.049 χ^2/NDF : 926375.1/11

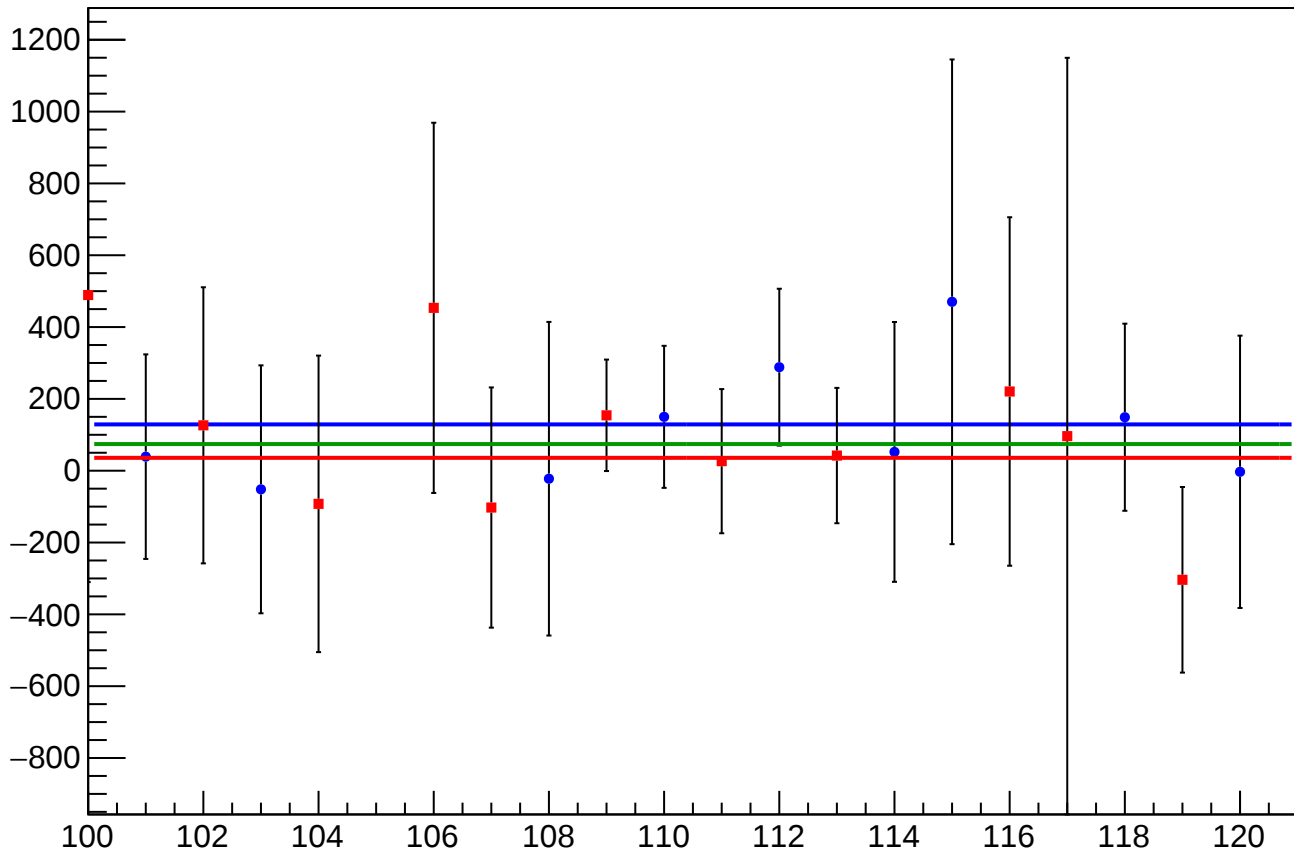
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

142.650+/-0.060 χ^2/NDF : 820259.0/8

137.304+/-0.038 χ^2/NDF : 1759914.8/20

133.732+/-0.049 χ^2/NDF : 926375.1/11

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 128.949+/-98.052 χ^2/NDF : 1.5/8

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

Right Out: 35.852+/-82.030 χ^2/NDF : 4.1/11

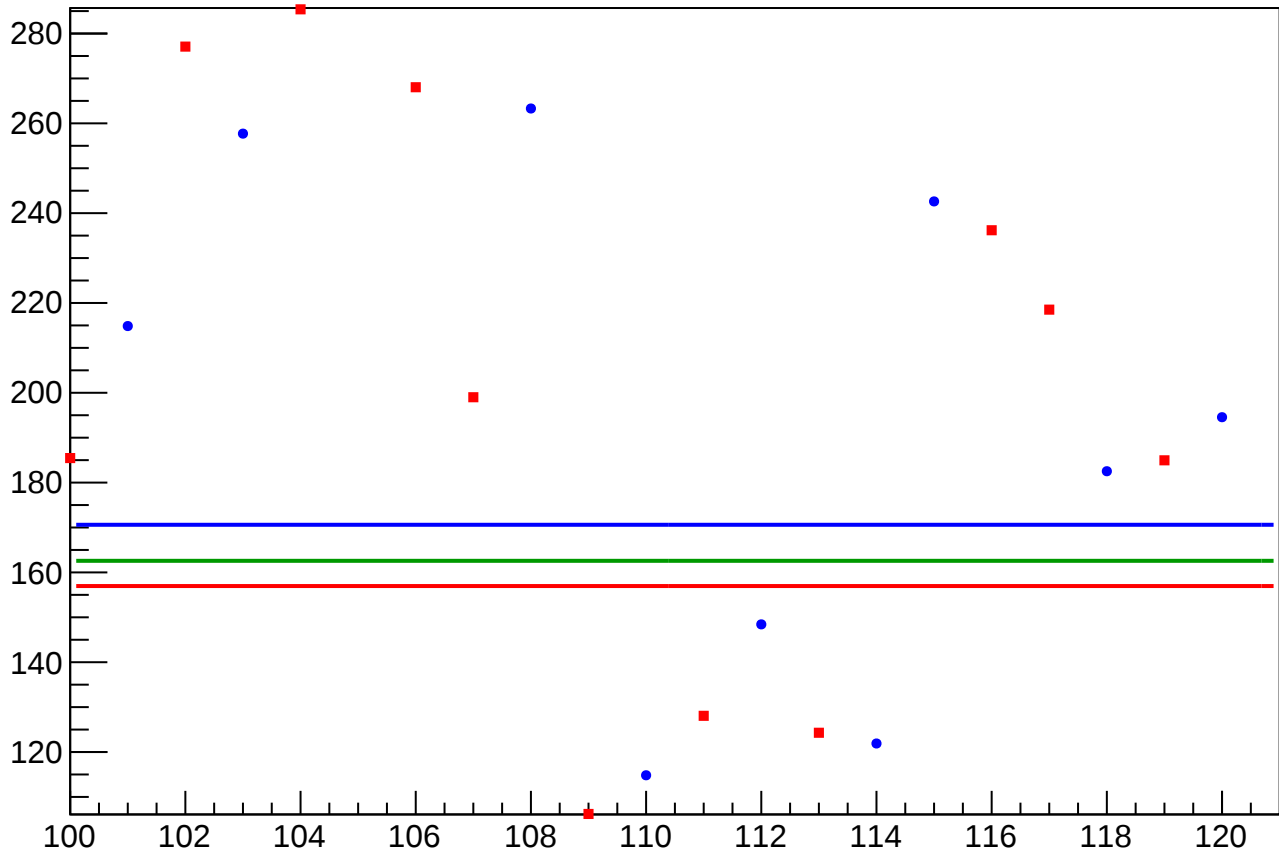
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

128.949+/-98.052 χ^2/NDF : 1.5/8

74.183+/-62.916 χ^2/NDF : 6.1/20

35.852+/-82.030 χ^2/NDF : 4.1/11

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 170.606 $\pm$ 0.069 χ^2 /NDF: 516675.9/8

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

Right Out: 156.962 $\pm$ 0.058 χ^2 /NDF: 993855.6/11

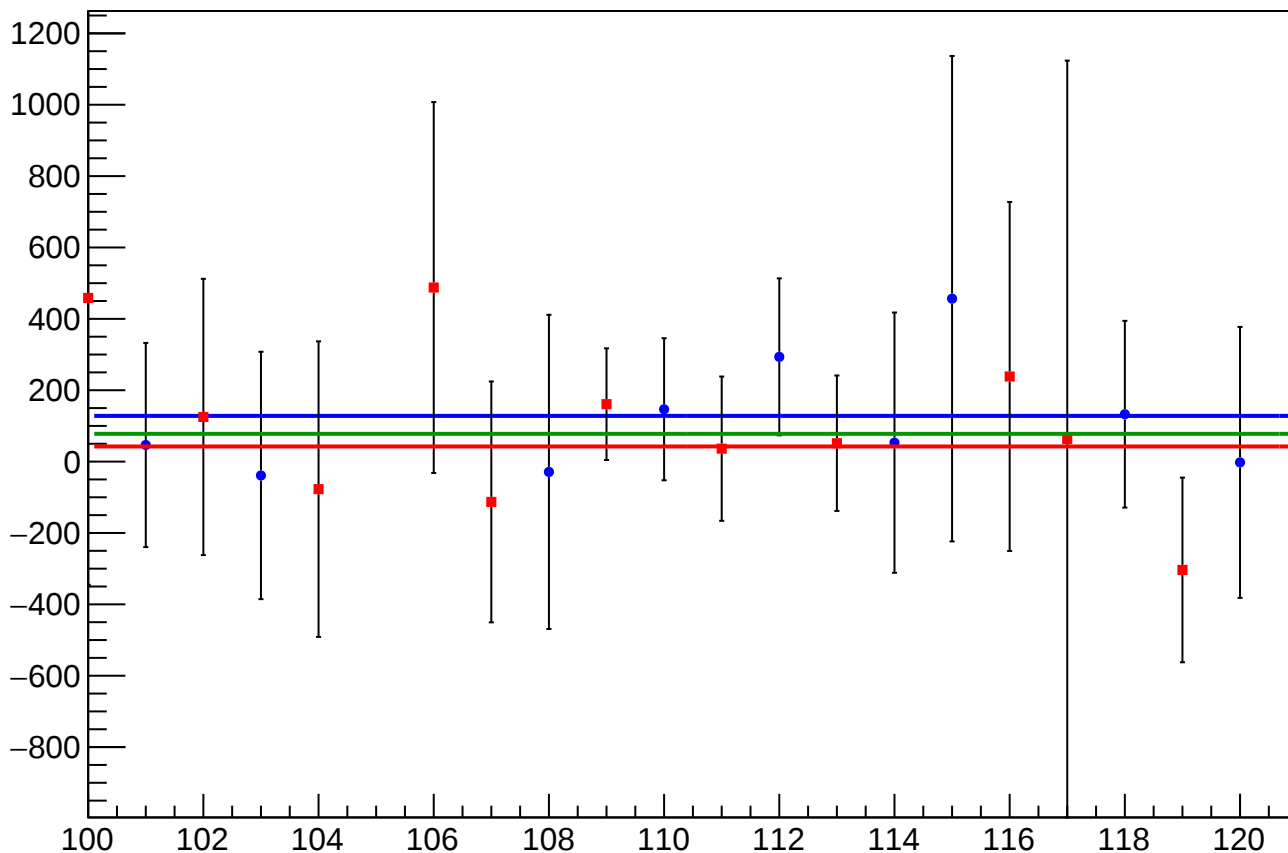
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

170.606 $\pm$ 0.069 χ^2 /NDF: 516675.9/8

162.579 $\pm$ 0.044 χ^2 /NDF: 1533312.4/20

156.962 $\pm$ 0.058 χ^2 /NDF: 993855.6/11

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 128.116+/-98.607 χ^2/NDF : 1.4/8

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

Right Out: 42.458+/-82.565 χ^2/NDF : 4.1/11

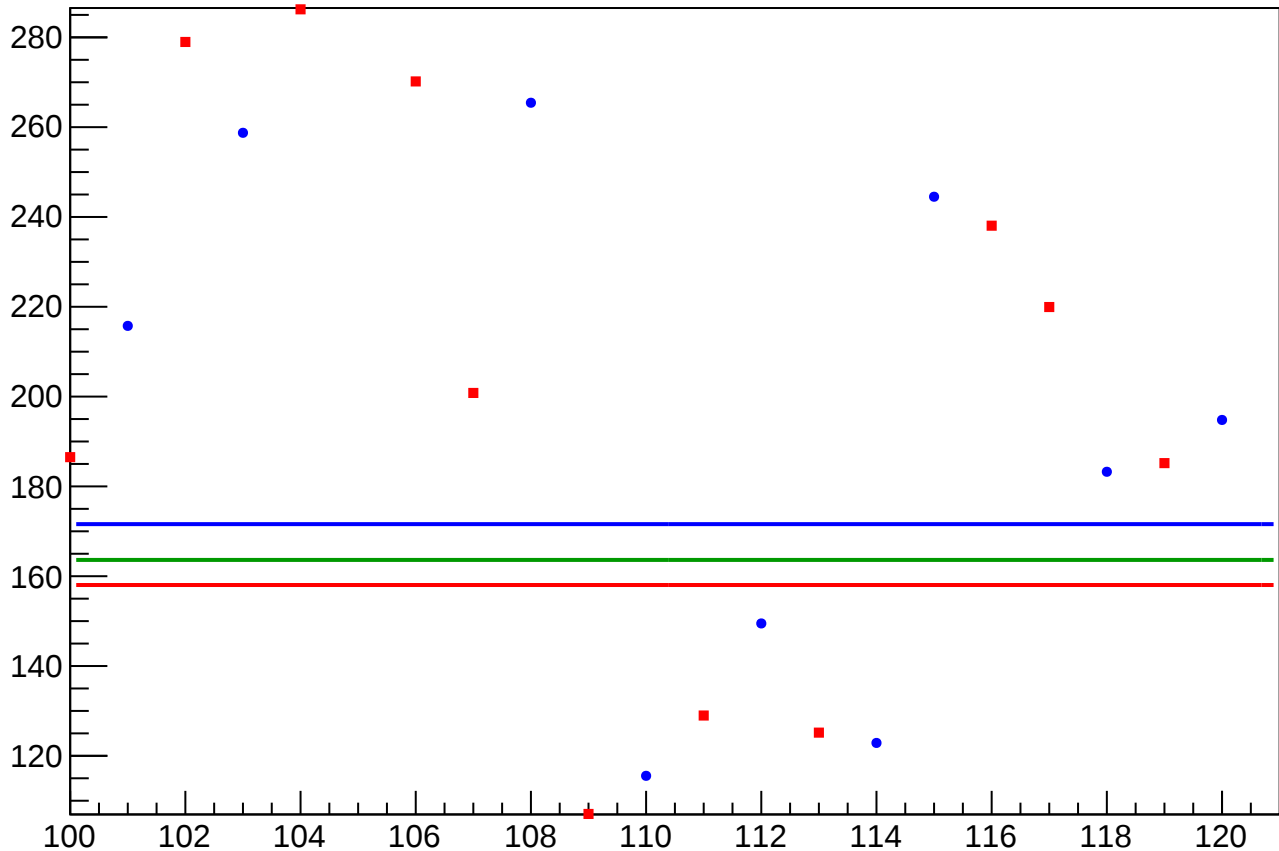
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

128.116+/-98.607 χ^2/NDF : 1.4/8

77.761+/-63.304 χ^2/NDF : 6.0/20

42.458+/-82.565 χ^2/NDF : 4.1/11

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 171.597 $\pm$ 0.070 χ^2 /NDF: 513938.6/8

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

Right Out: 158.040 $\pm$ 0.058 χ^2 /NDF: 988359.8/11

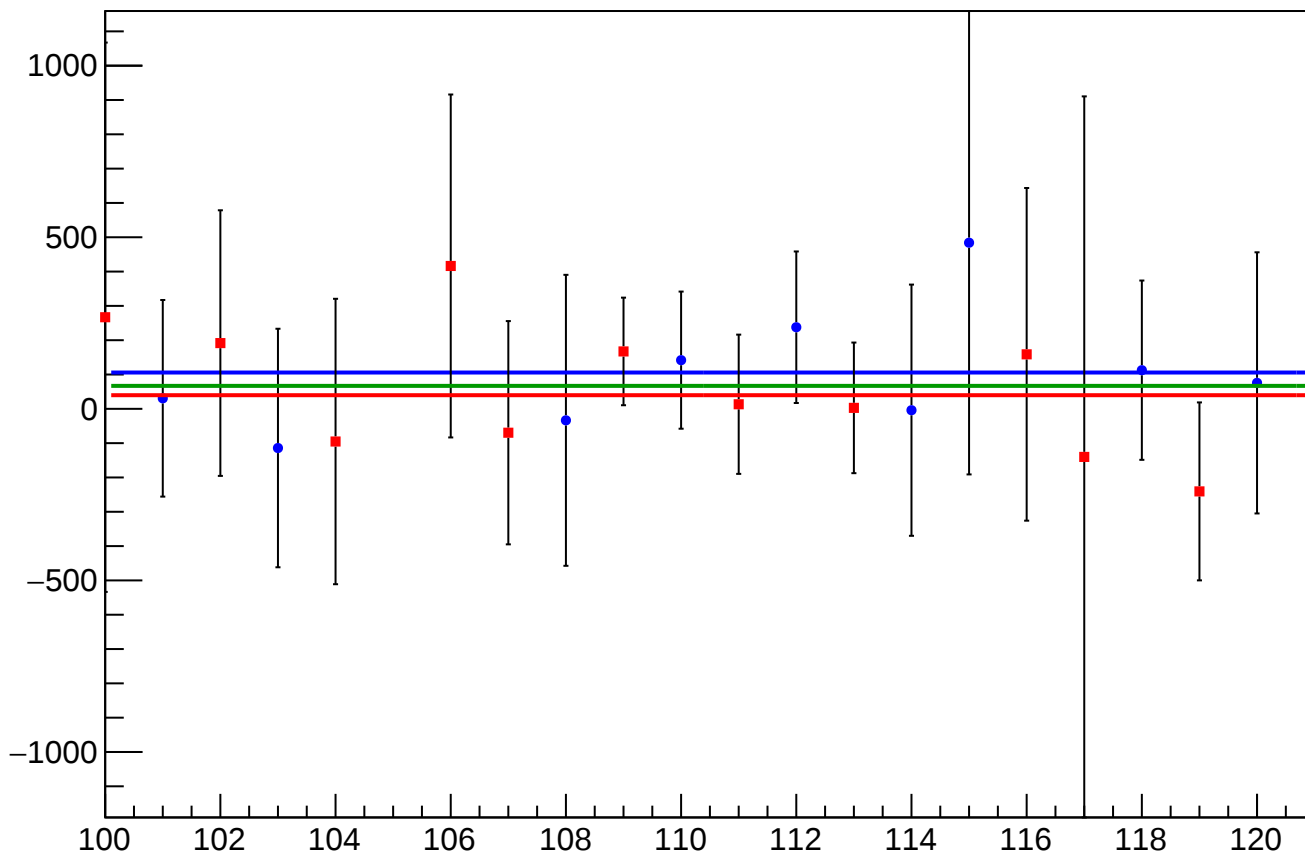
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

171.597 $\pm$ 0.070 χ^2 /NDF: 513938.6/8

163.627 $\pm$ 0.045 χ^2 /NDF: 1524521.2/20

158.040 $\pm$ 0.058 χ^2 /NDF: 988359.8/11

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 105.820 +/- 98.628 χ^2/NDF : 1.4/8

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

Right Out: 39.728 +/- 82.444 χ^2/NDF : 3.1/11

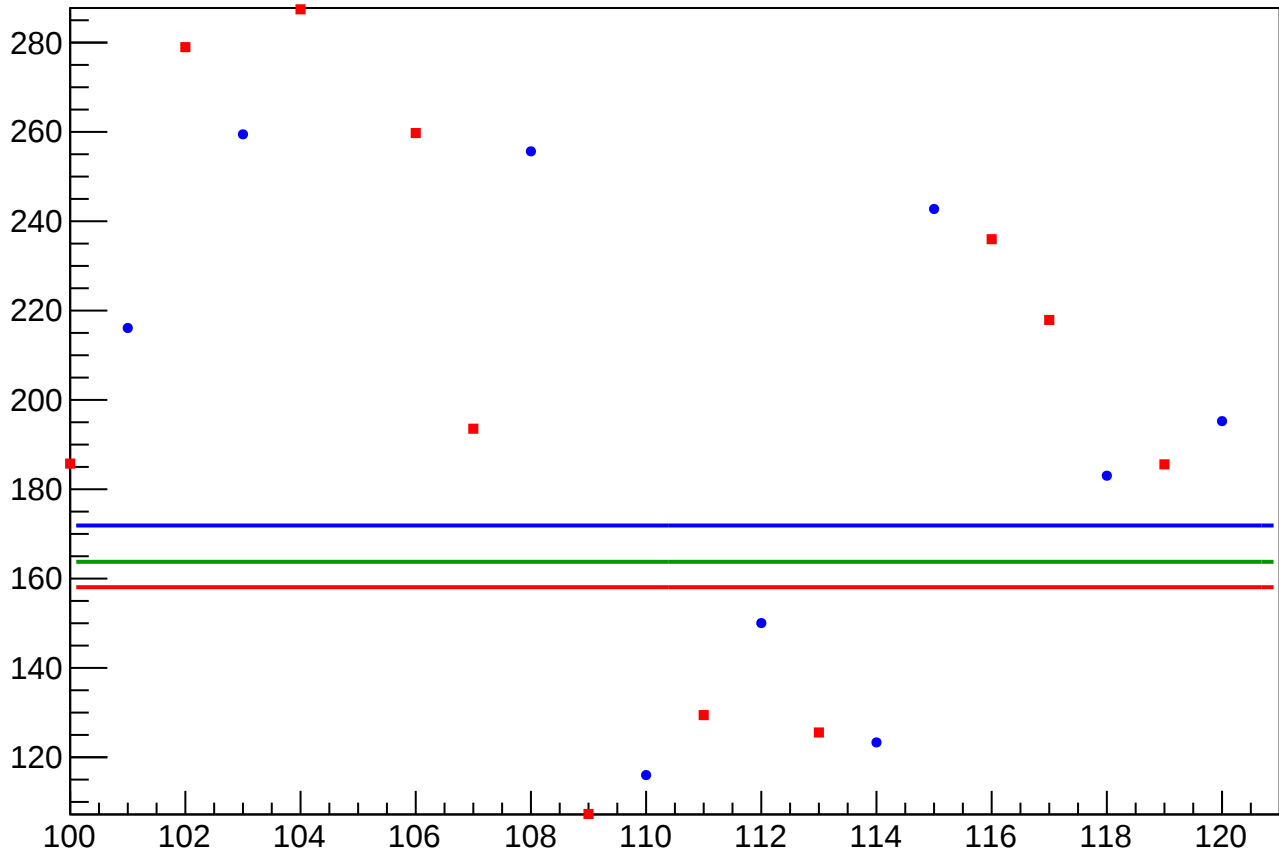
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

105.820 +/- 98.628 χ^2/NDF : 1.4/8

66.913 +/- 63.255 χ^2/NDF : 4.7/20

39.728 +/- 82.444 χ^2/NDF : 3.1/11

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 171.885 $\pm$ 0.070 χ^2 /NDF: 497067.2/8

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

Right Out: 158.072 $\pm$ 0.058 χ^2 /NDF: 964384.2/11

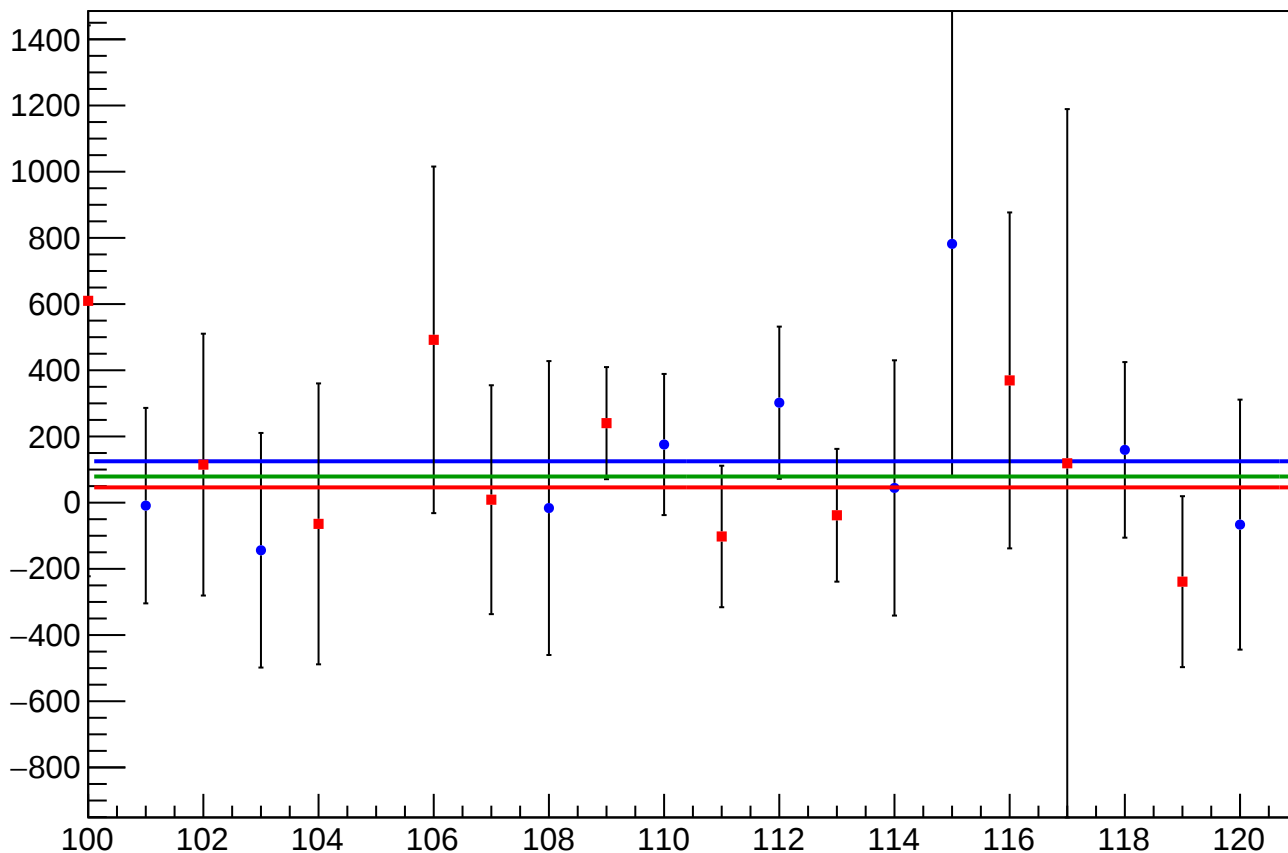
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

171.885 $\pm$ 0.070 χ^2 /NDF: 497067.2/8

163.753 $\pm$ 0.045 χ^2 /NDF: 1484544.3/20

158.072 $\pm$ 0.058 χ^2 /NDF: 964384.2/11

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 125.033 $\pm$ 102.398 χ^2/NDF : 2.7/8

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

Right Out: 46.161 $\pm$ 86.504 χ^2/NDF : 4.9/11

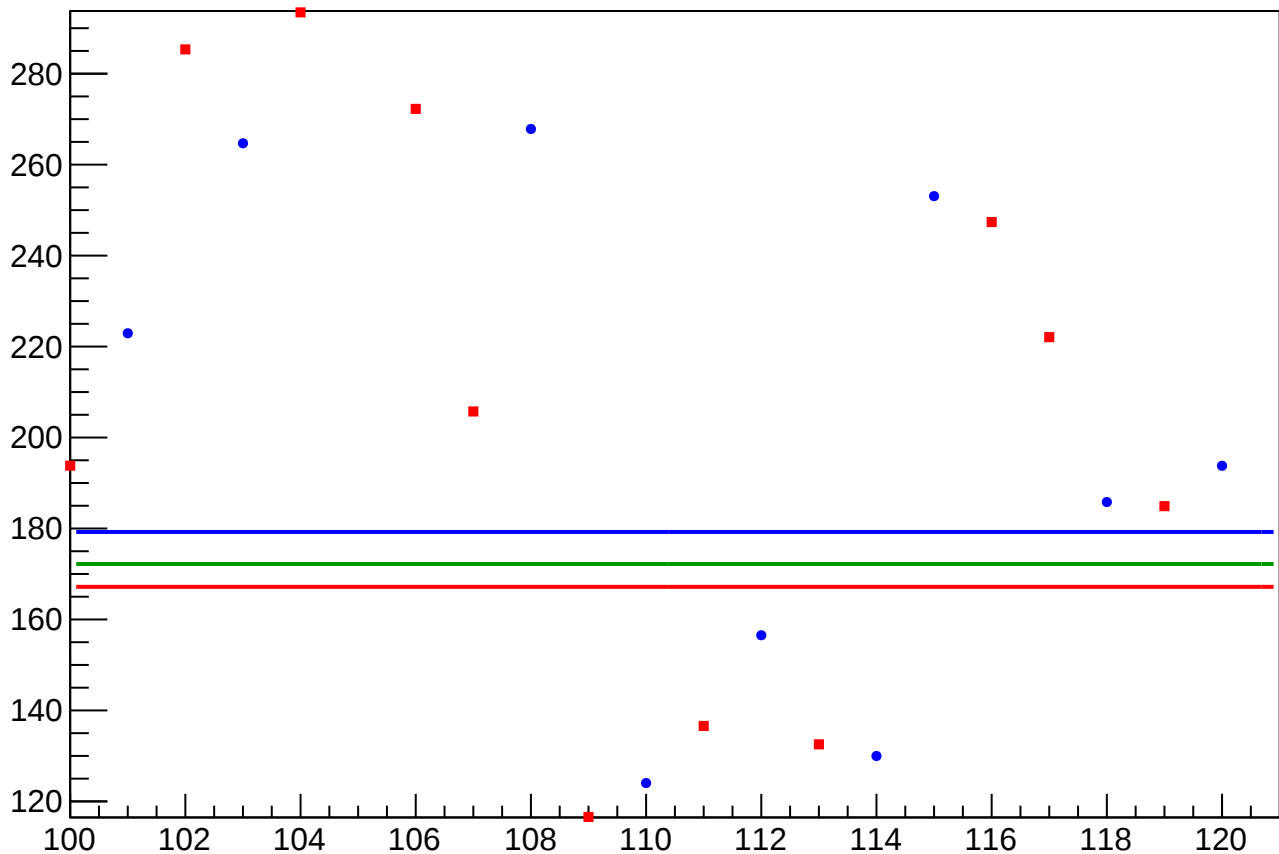
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

125.033 $\pm$ 102.398 χ^2/NDF : 2.7/8

79.007 $\pm$ 66.080 χ^2/NDF : 8.0/20

46.161 $\pm$ 86.504 χ^2/NDF : 4.9/11

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 179.243+/-0.072 χ^2/NDF : 452070.0/8

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

Right Out: 167.174+/-0.061 χ^2/NDF : 870074.0/11

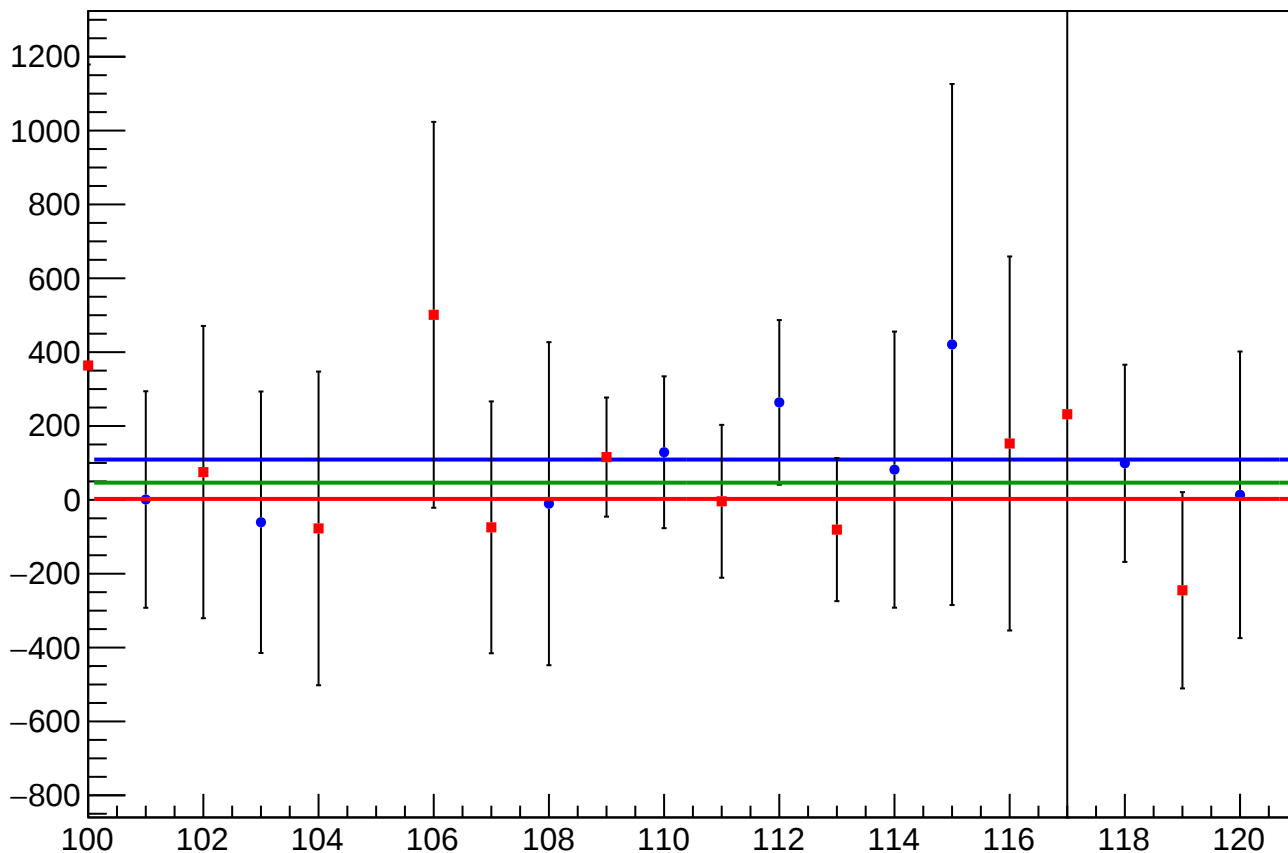
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

179.243+/-0.072 χ^2/NDF : 452070.0/8

172.200+/-0.047 χ^2/NDF : 1338356.7/20

167.174+/-0.061 χ^2/NDF : 870074.0/11

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 109.149+/-100.789 χ^2/NDF : 1.2/8

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

Right Out: 2.577+/-84.531 χ^2/NDF : 3.0/11

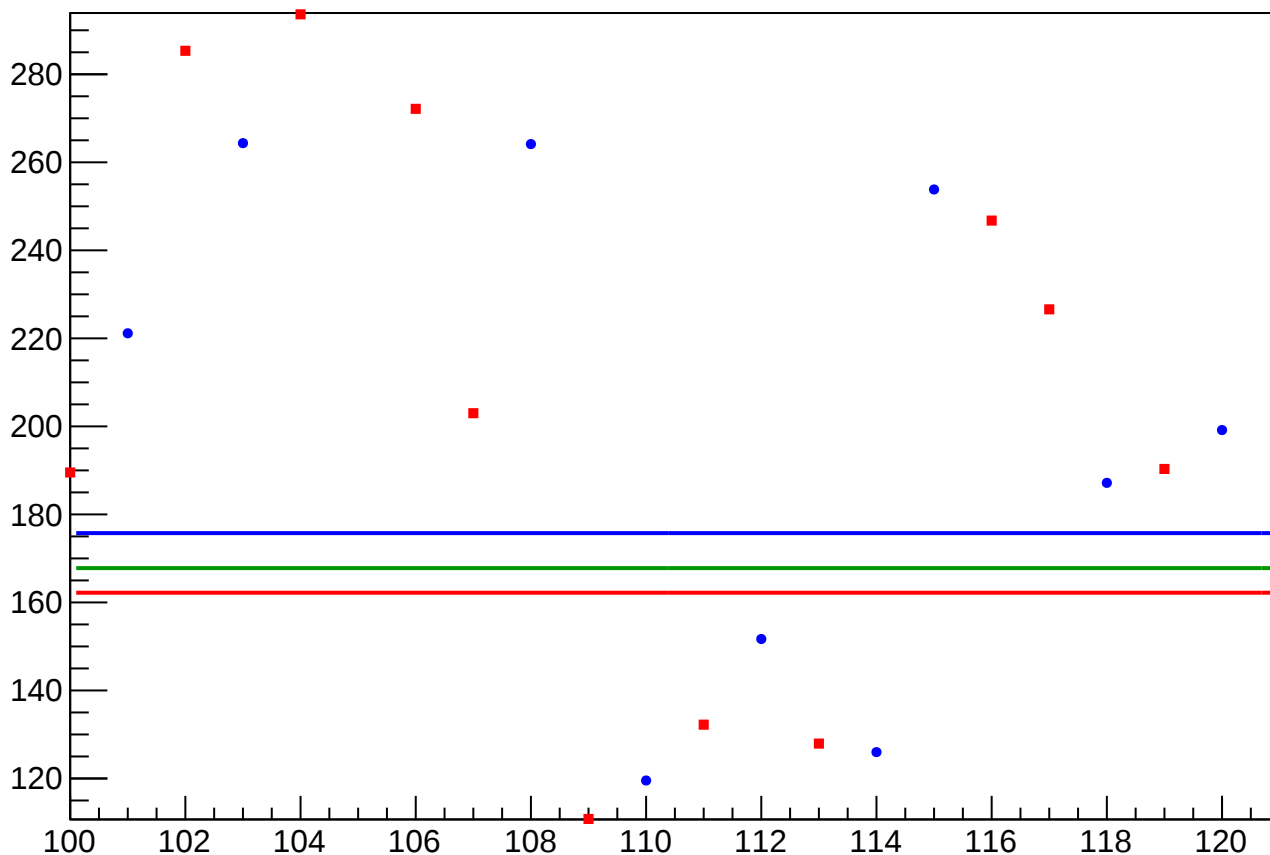
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

109.149+/-100.789 χ^2/NDF : 1.2/8

46.585+/-64.767 χ^2/NDF : 4.9/20

2.577+/-84.531 χ^2/NDF : 3.0/11

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 175.750+/-0.071 χ^2/NDF : 498528.9/8

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

Right Out: 162.207+/-0.060 χ^2/NDF : 968617.5/11

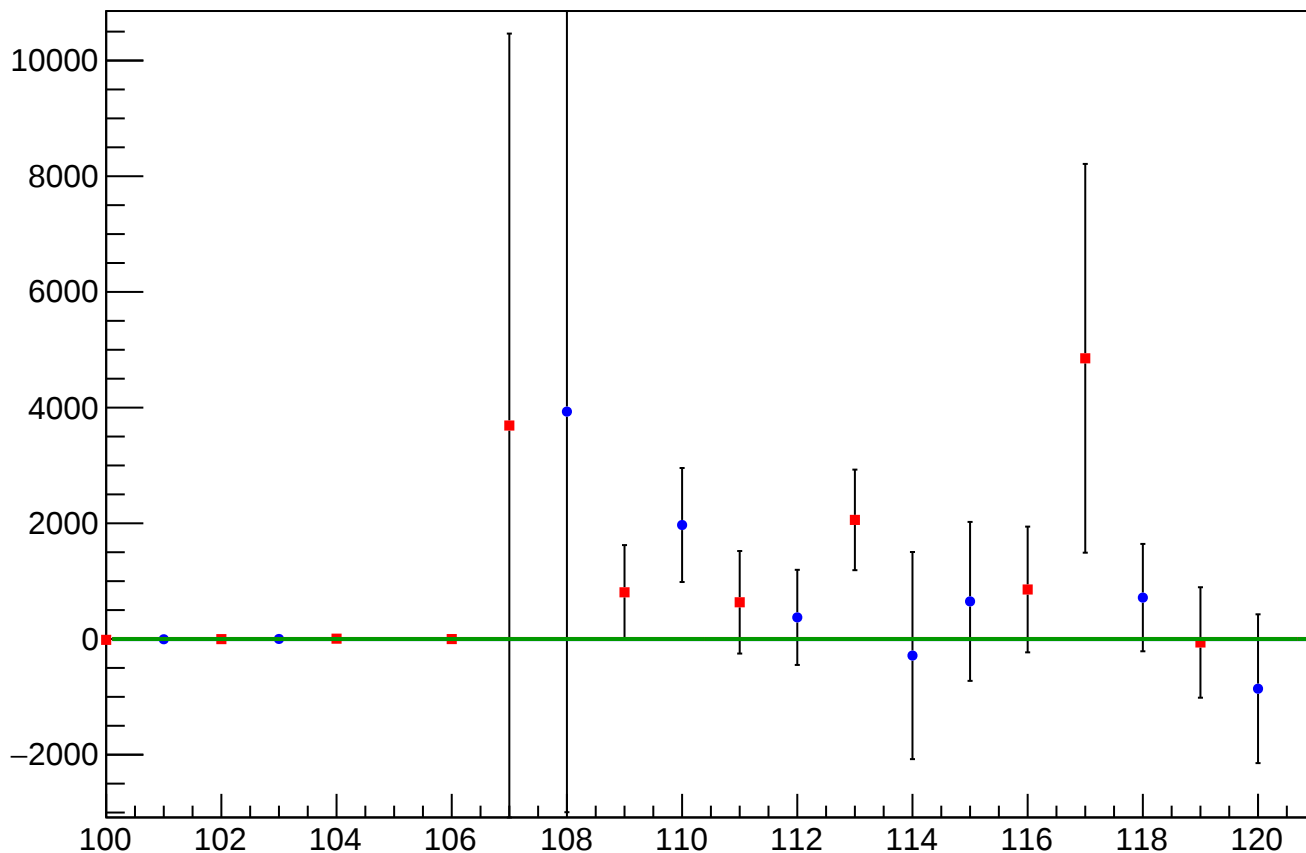
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

175.750+/-0.071 χ^2/NDF : 498528.9/8

167.799+/-0.046 χ^2/NDF : 1488344.4/20

162.207+/-0.060 χ^2/NDF : 968617.5/11

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.504+/-2.252 χ^2/NDF : 7.1/8

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

Right Out: 0.736+/-2.111 χ^2/NDF : 16.3/11

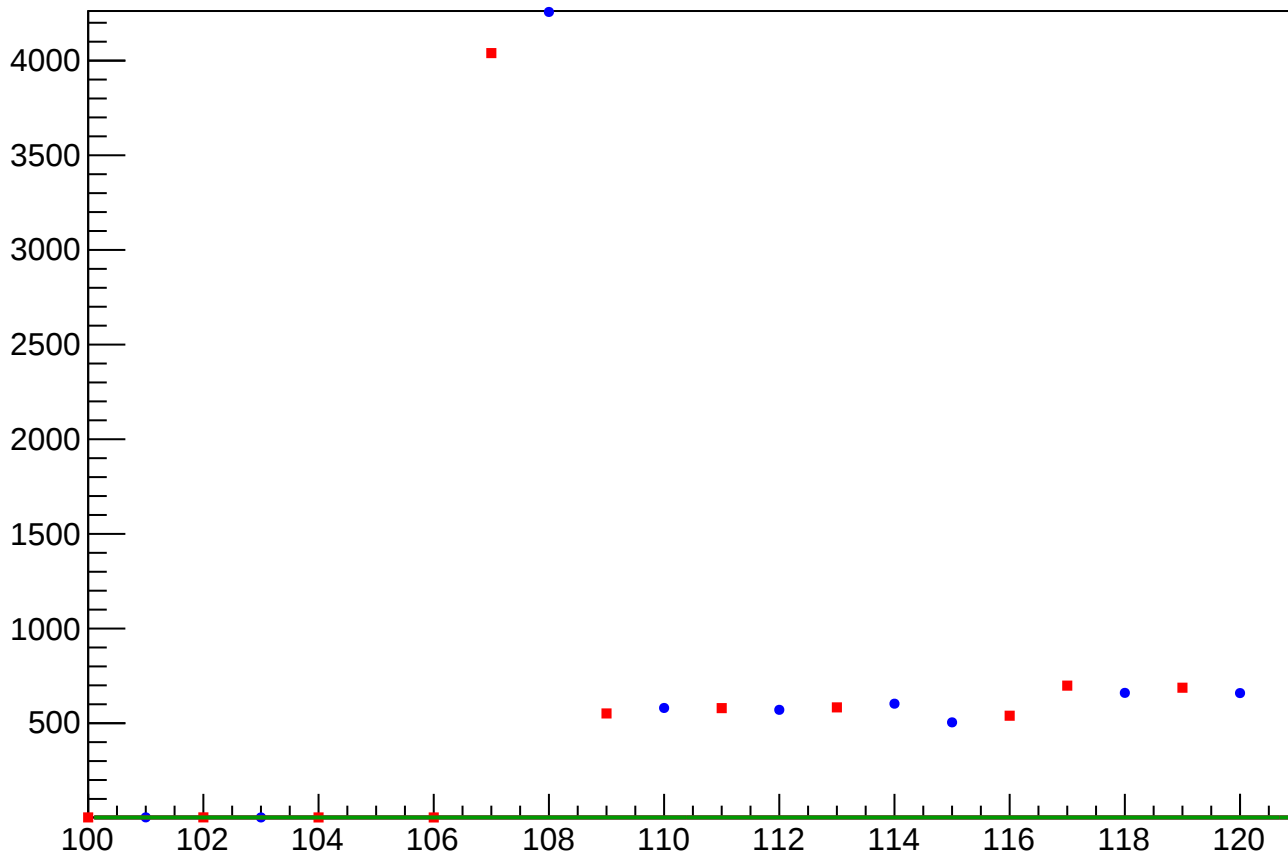
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.504+/-2.252 χ^2/NDF : 7.1/8

-0.312+/-1.540 χ^2/NDF : 24.0/20

0.736+/-2.111 χ^2/NDF : 16.3/11

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.426+/-0.002 χ^2/NDF : 4430619.7/8

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

Right Out: 2.415+/-0.001 χ^2/NDF : 5732825.0/11

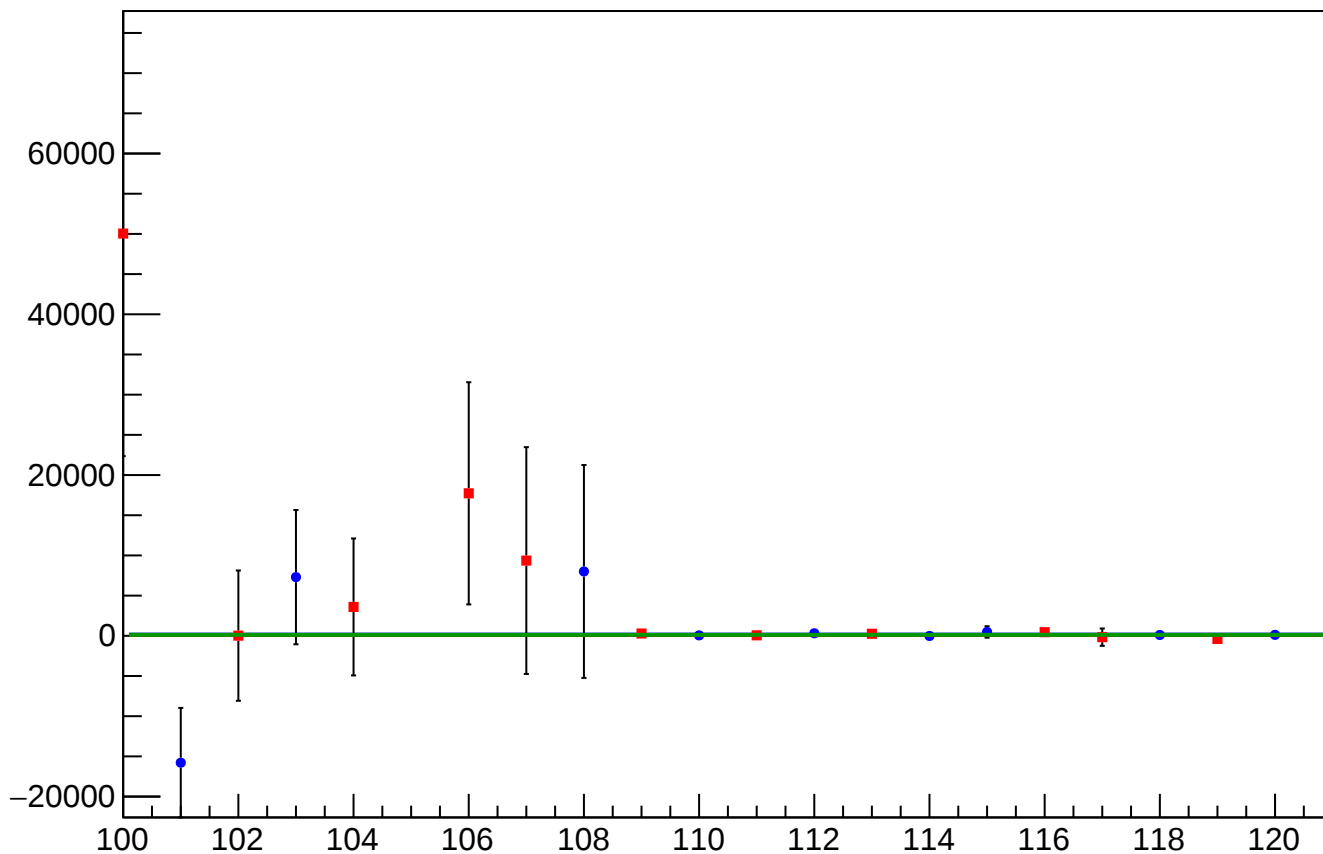
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.426+/-0.002 χ^2/NDF : 4430619.7/8

2.420+/-0.001 χ^2/NDF : 10163471.5/20

2.415+/-0.001 χ^2/NDF : 5732825.0/11

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 144.450+/-119.736 χ^2/NDF : 7.8/8

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

Right Out: 102.390+/-105.214 χ^2/NDF : 10.7/11

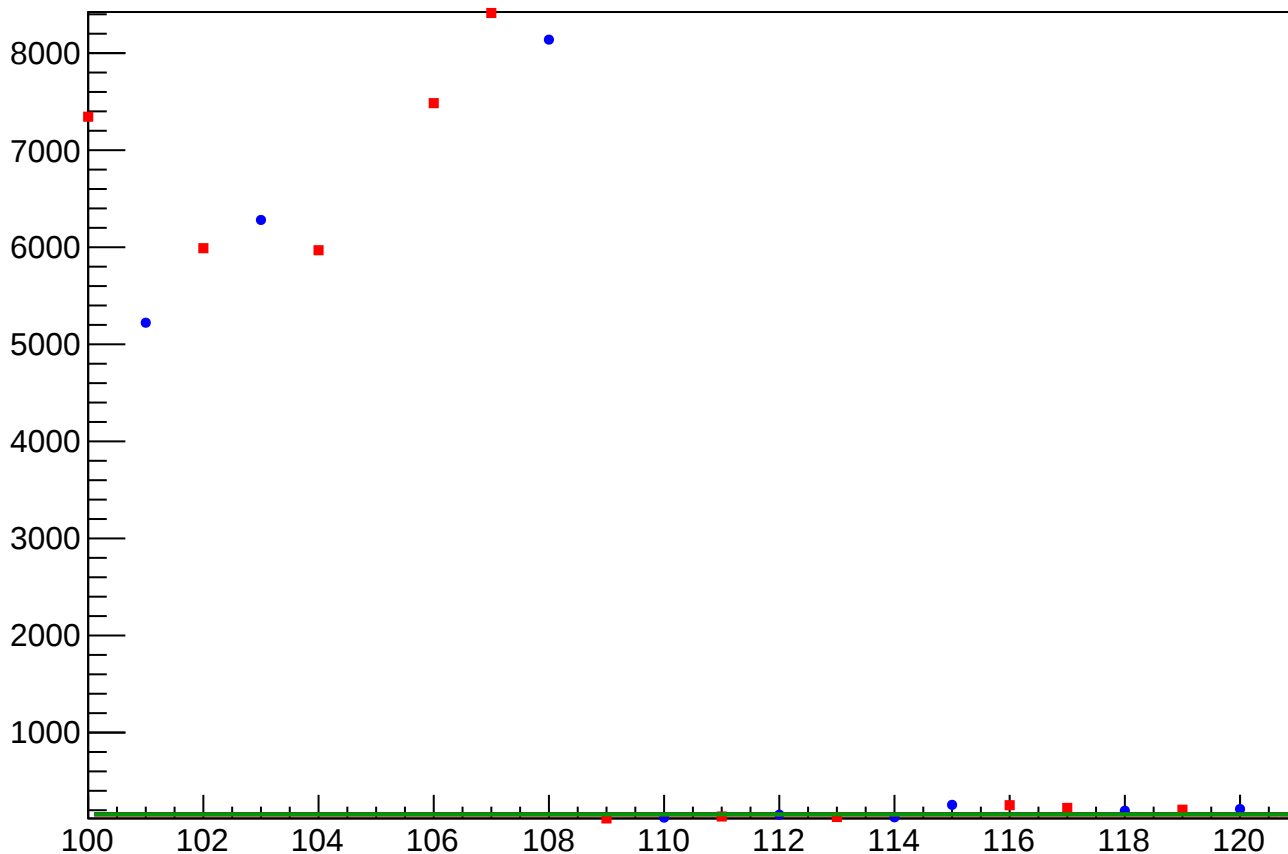
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

144.450+/-119.736 χ^2/NDF : 7.8/8

120.716+/-79.036 χ^2/NDF : 18.5/20

102.390+/-105.214 χ^2/NDF : 10.7/11

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 160.365+/-0.085 χ^2/NDF : 3080805.1/8

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

Right Out: 155.296+/-0.074 χ^2/NDF : 3692831.0/11

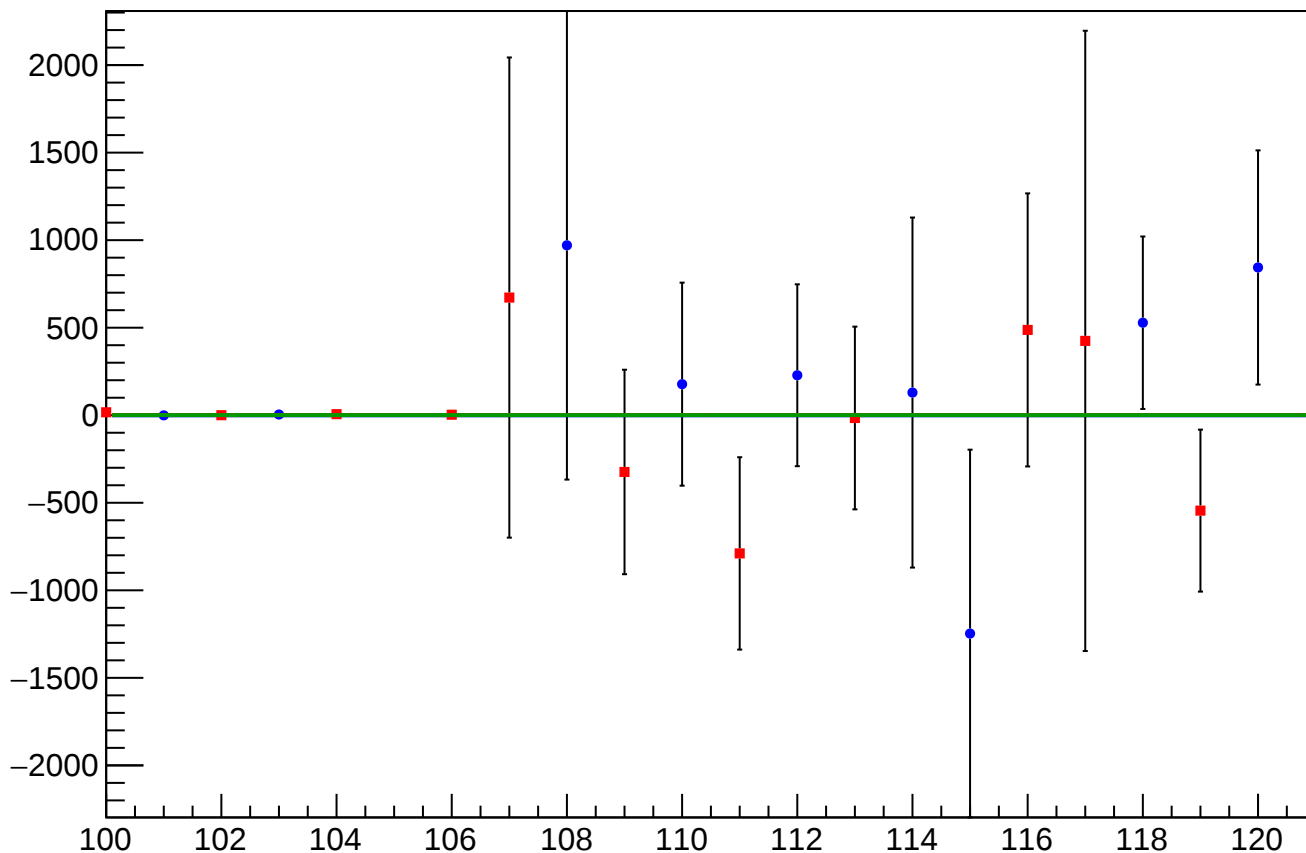
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

160.365+/-0.085 χ^2/NDF : 3080805.1/8

157.504+/-0.056 χ^2/NDF : 6775658.9/20

155.296+/-0.074 χ^2/NDF : 3692831.0/11

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.145+/-1.737 χ^2/NDF : 5.8/8

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

Right Out: 1.324+/-1.623 χ^2/NDF : 7.5/11

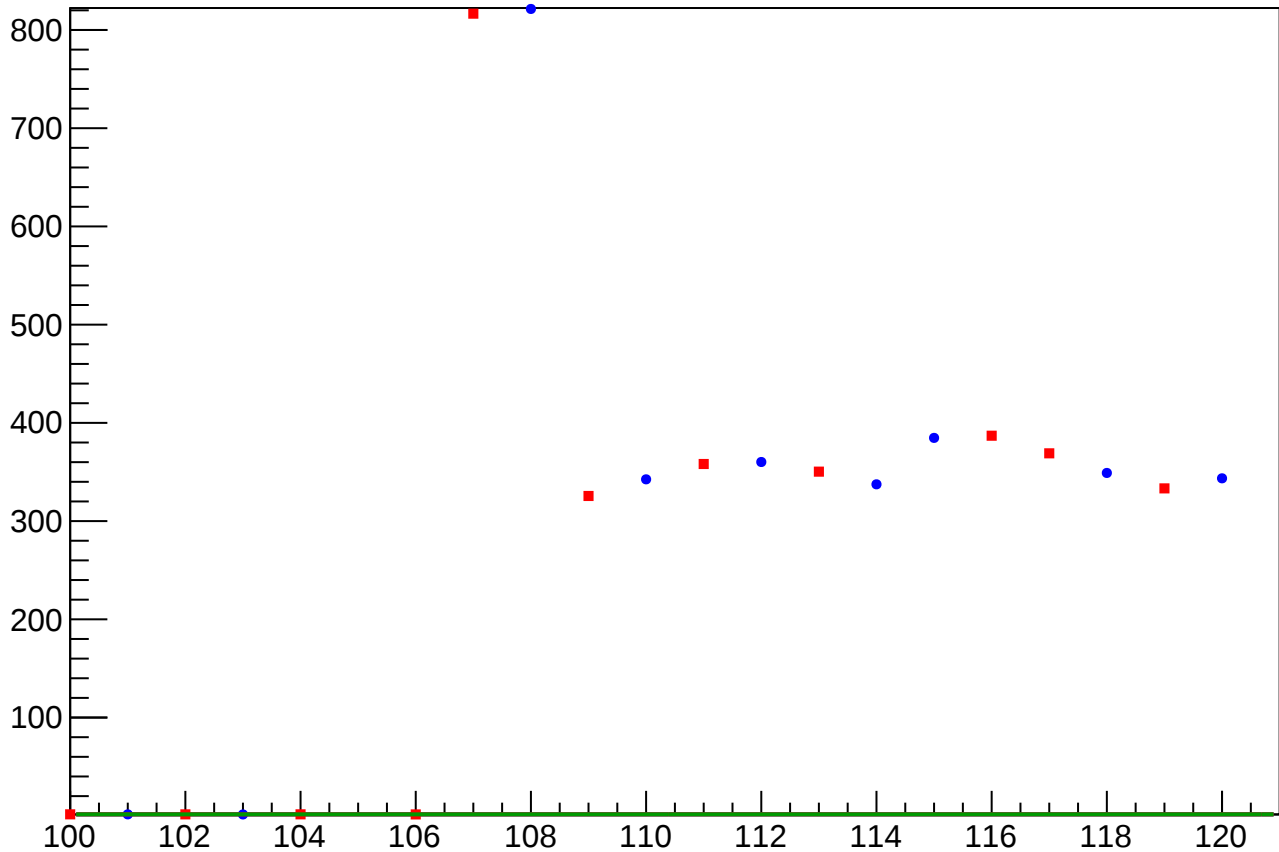
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.145+/-1.737 χ^2/NDF : 5.8/8

0.639+/-1.186 χ^2/NDF : 13.7/20

1.324+/-1.623 χ^2/NDF : 7.5/11

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.428+/-0.001 χ^2/NDF : 4409145.1/8

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

Right Out: 1.433+/-0.001 χ^2/NDF : 5428052.5/11

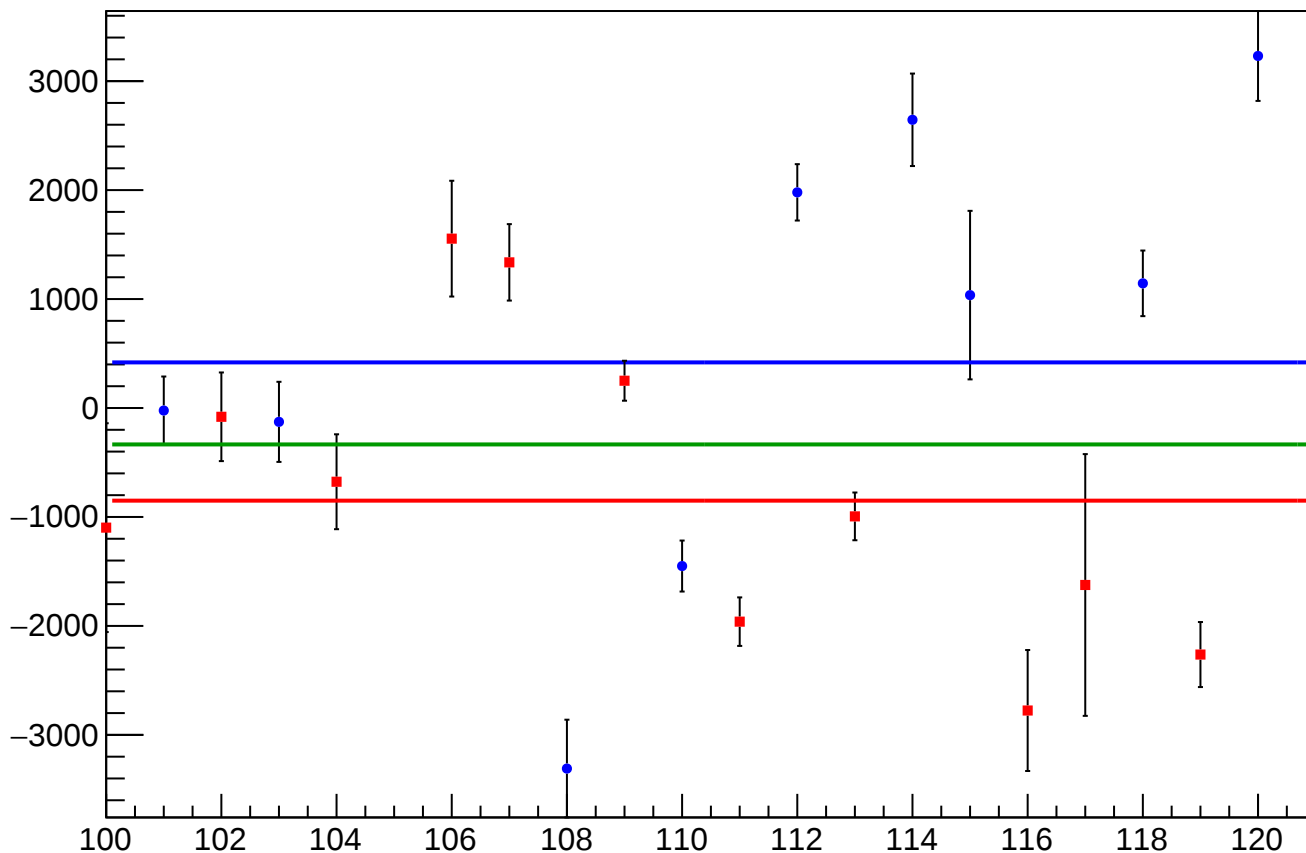
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.428+/-0.001 χ^2/NDF : 4409145.1/8

1.431+/-0.001 χ^2/NDF : 9837206.0/20

1.433+/-0.001 χ^2/NDF : 5428052.5/11

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 418.600+/-111.813 χ^2/NDF : 253.9/8

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

Right Out: -850.216+/-92.563 χ^2/NDF : 198.5/11

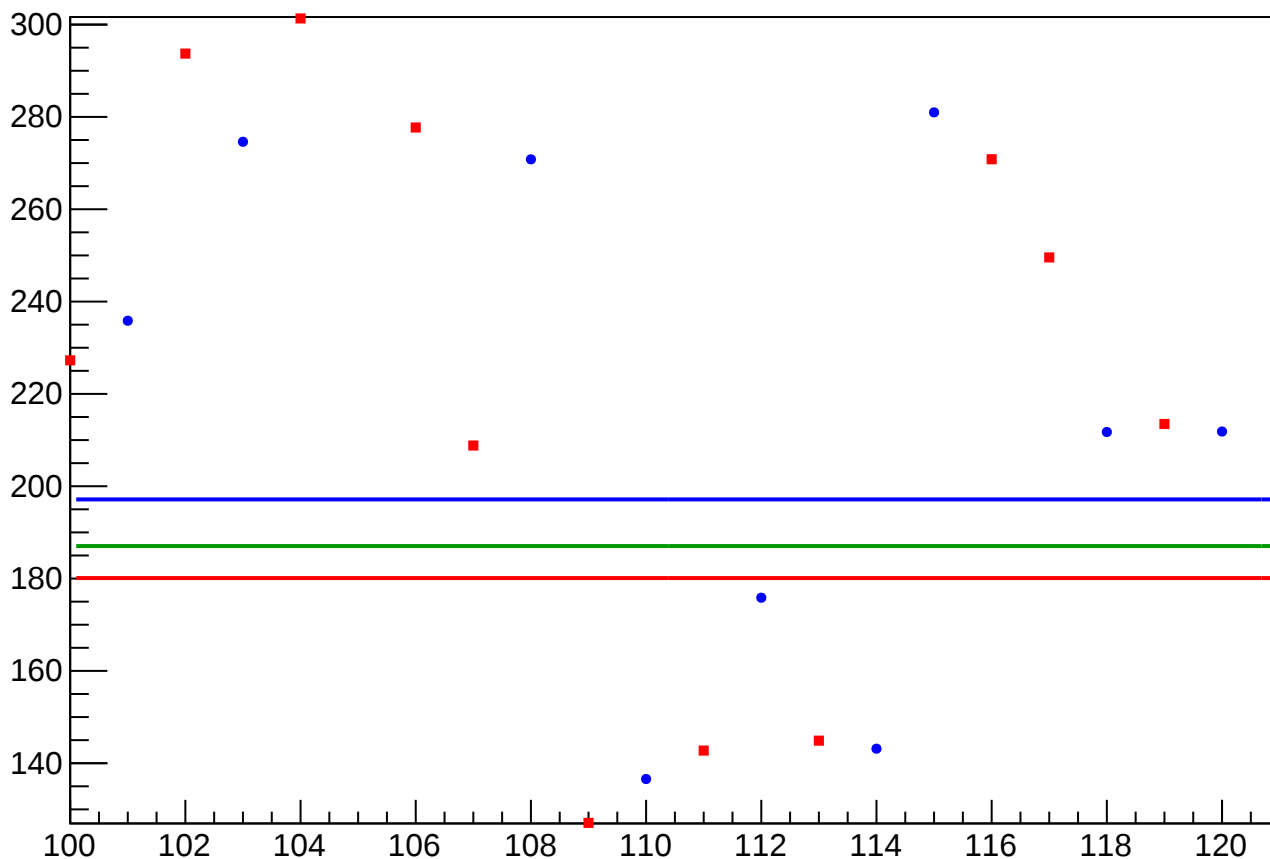
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

418.600+/-111.813 χ^2/NDF : 253.9/8

-334.264+/-71.301 χ^2/NDF : 528.9/20

-850.216+/-92.563 χ^2/NDF : 198.5/11

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 197.145+/-0.079 χ^2/NDF : 384280.0/8

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

Right Out: 180.110+/-0.065 χ^2/NDF : 802428.9/11

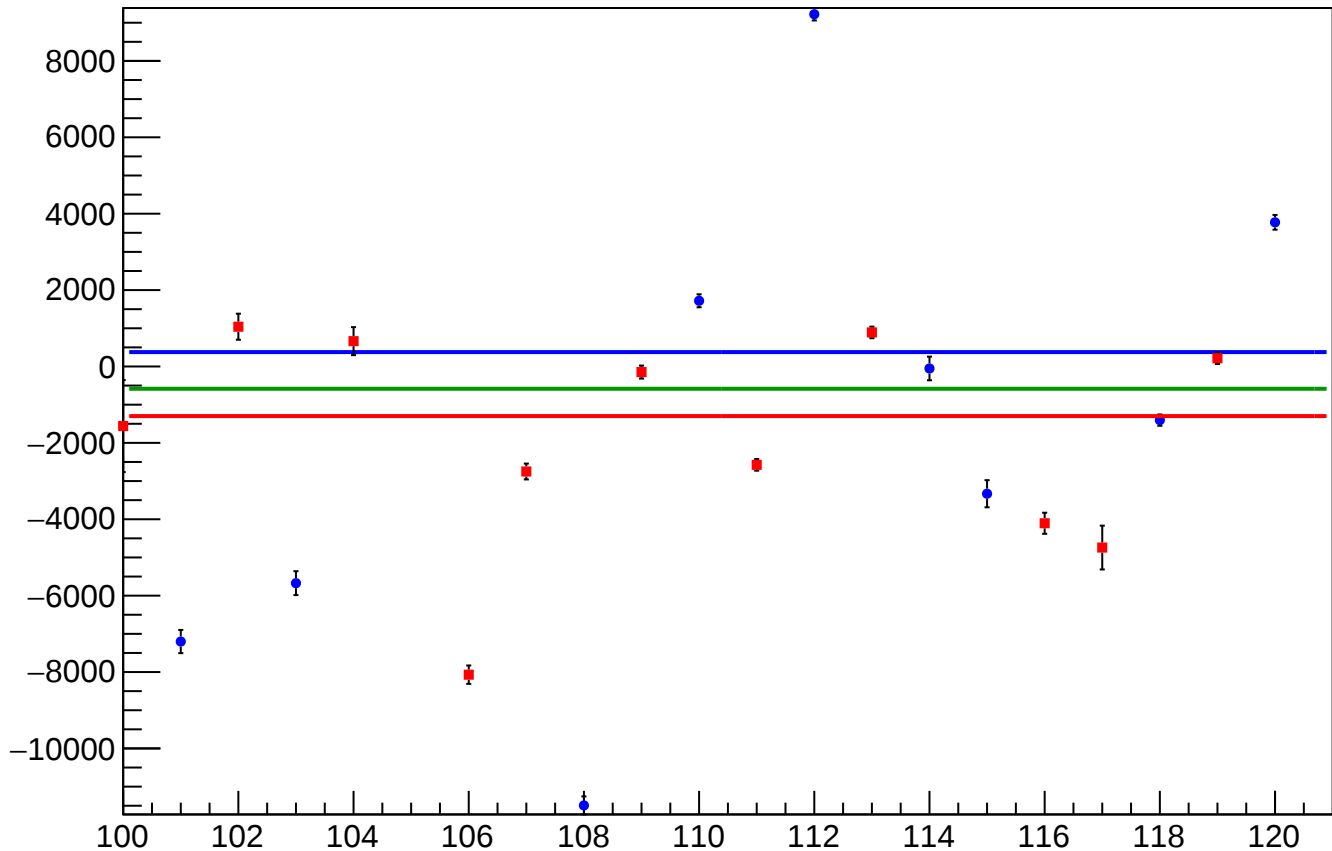
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

197.145+/-0.079 χ^2/NDF : 384280.0/8

187.037+/-0.050 χ^2/NDF : 1214256.6/20

180.110+/-0.065 χ^2/NDF : 802428.9/11

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 376.720+/-70.353 χ^2/NDF : 7094.2/8

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

Right Out: -1298.865+/-60.708 χ^2/NDF : 1488.1/11

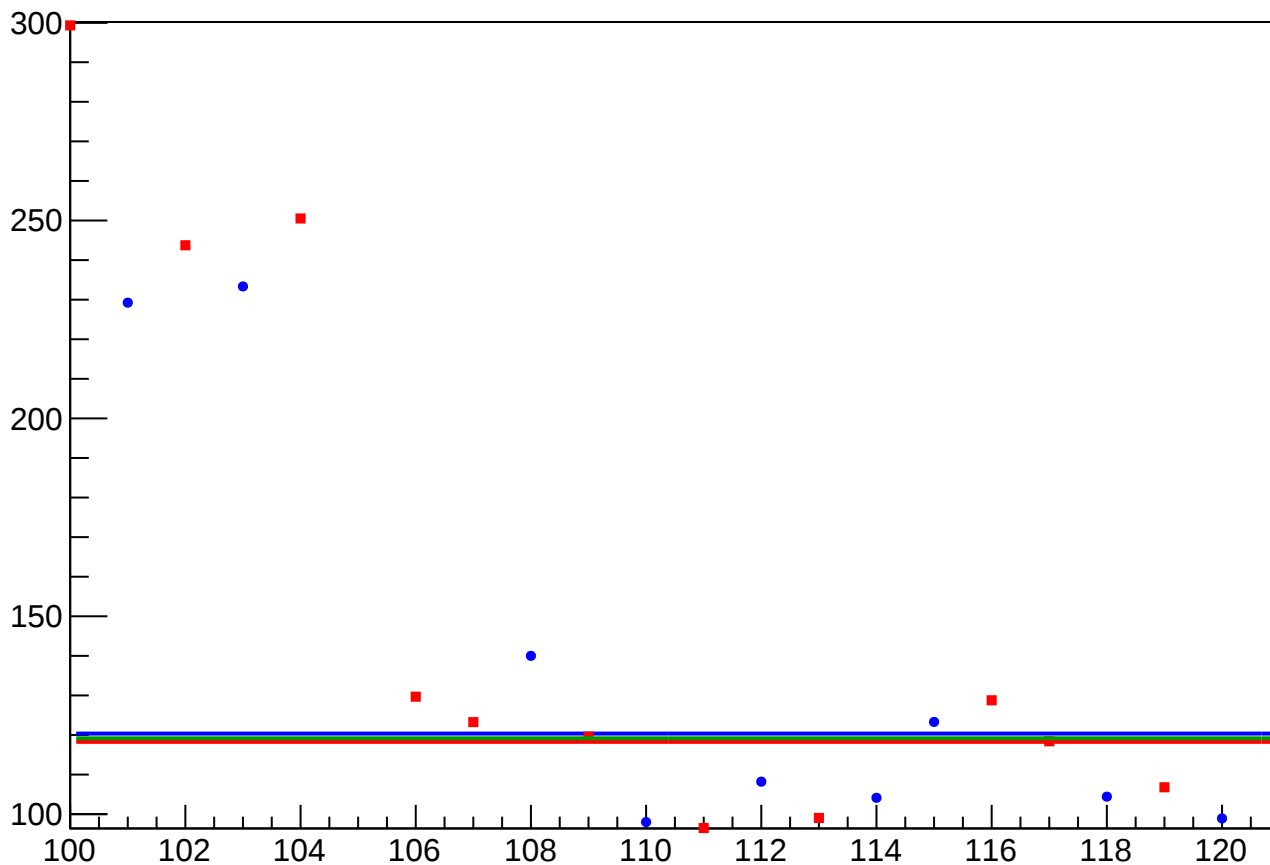
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

376.720+/-70.353 χ^2/NDF : 7094.2/8

-583.717+/-45.962 χ^2/NDF : 8907.4/20

-1298.865+/-60.708 χ^2/NDF : 1488.1/11

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 120.361+/-0.050 χ^2/NDF : 629615.8/8

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

Right Out: 118.276+/-0.043 χ^2/NDF : 679499.0/11

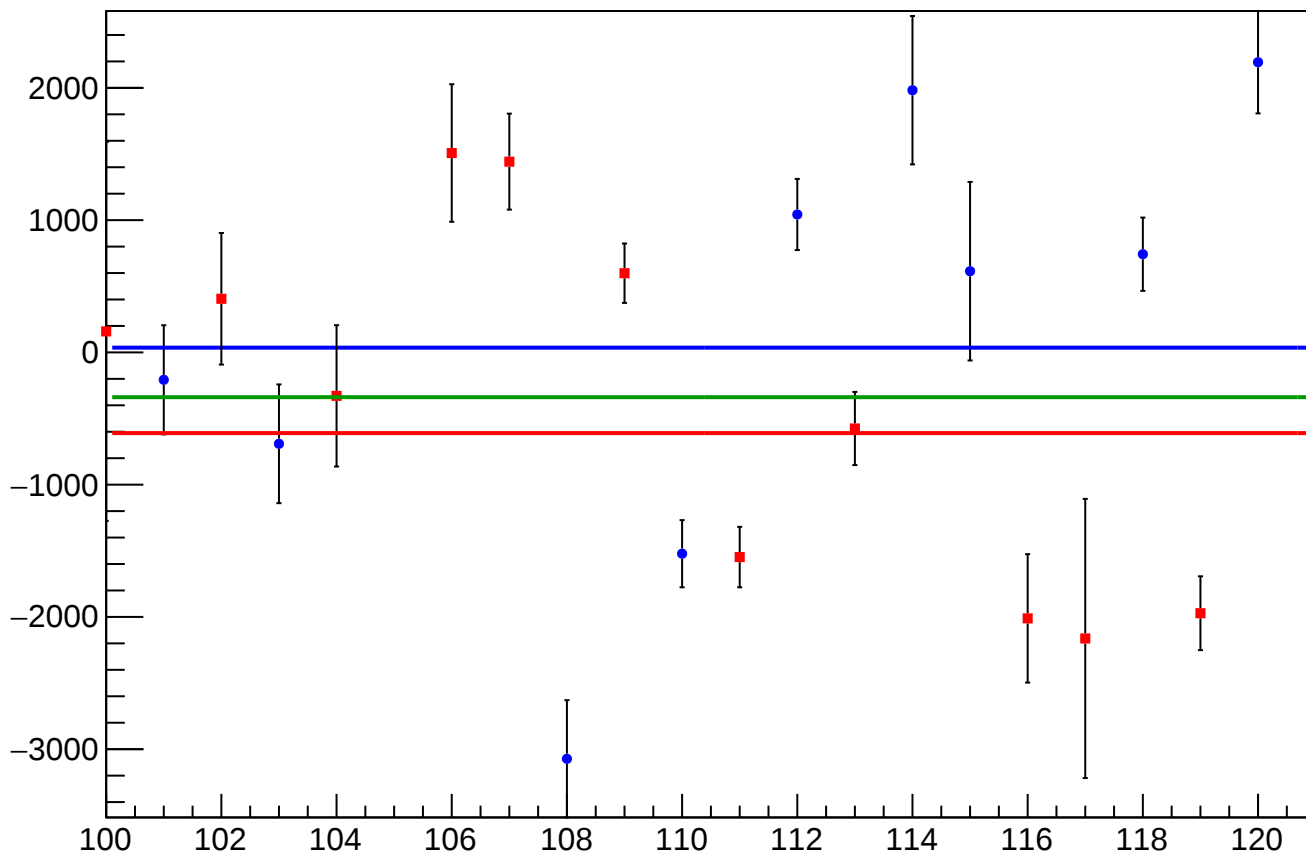
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

120.361+/-0.050 χ^2/NDF : 629615.8/8

119.166+/-0.033 χ^2/NDF : 1310122.2/20

118.276+/-0.043 χ^2/NDF : 679499.0/11

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 35.934+/-119.232 χ^2/NDF : 154.2/8

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

Right Out: -610.130+/-101.557 χ^2/NDF : 148.1/11

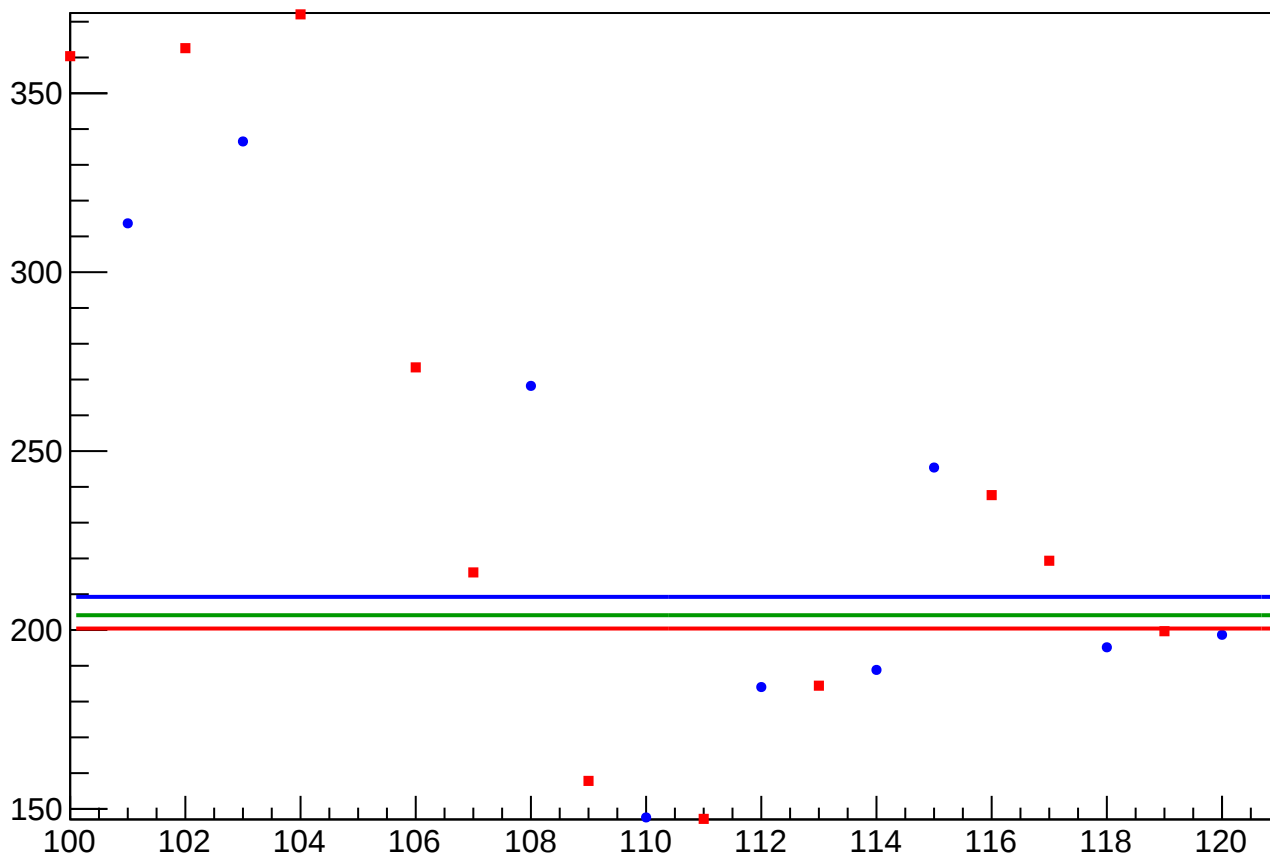
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

35.934+/-119.232 χ^2/NDF : 154.2/8

-338.487+/-77.313 χ^2/NDF : 319.2/20

-610.130+/-101.557 χ^2/NDF : 148.1/11

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 209.262 $\pm$ 0.084 χ^2 /NDF: 474610.7/8

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

Right Out: 200.413 $\pm$ 0.072 χ^2 /NDF: 694943.4/11

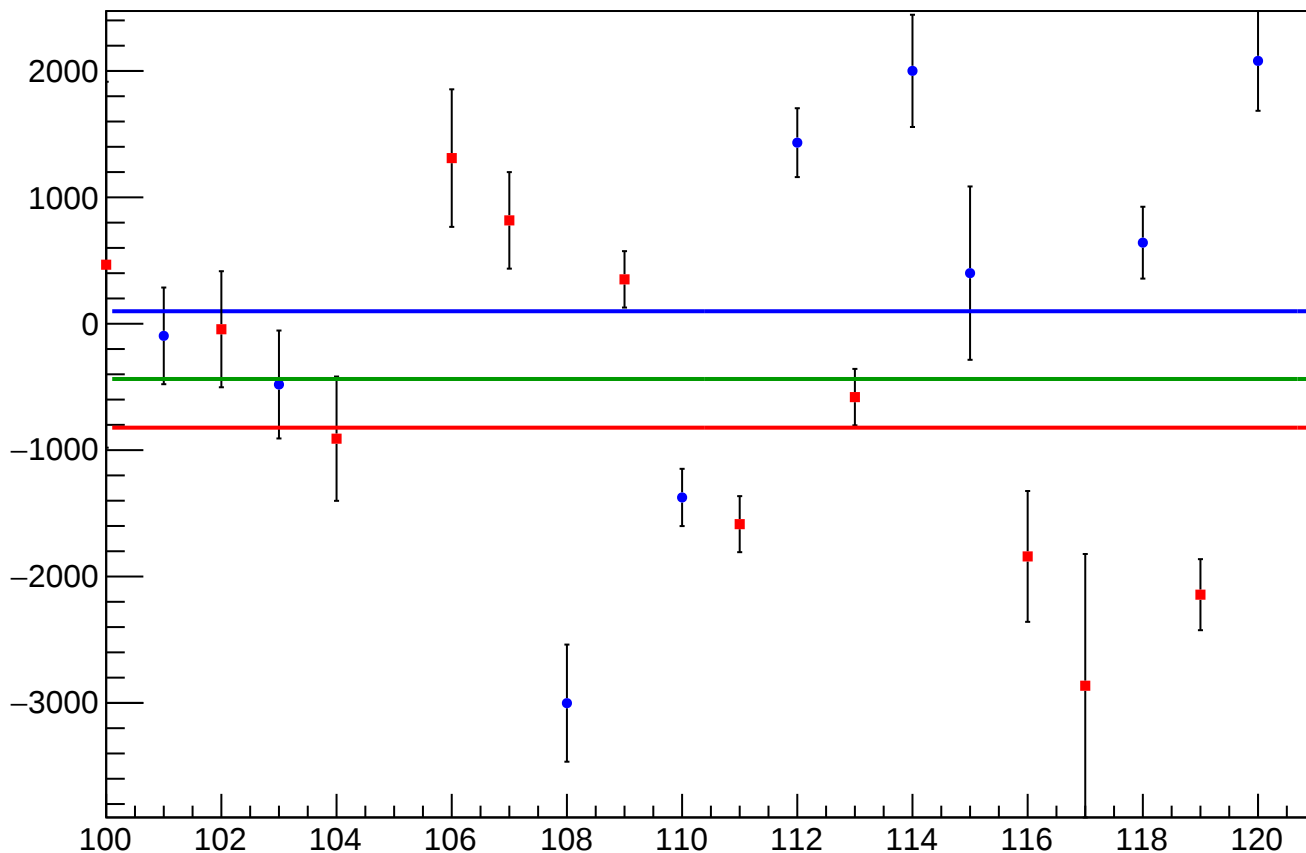
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

209.262 $\pm$ 0.084 χ^2 /NDF: 474610.7/8

204.134 $\pm$ 0.055 χ^2 /NDF: 1175938.6/20

200.413 $\pm$ 0.072 χ^2 /NDF: 694943.4/11

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 98.959+/-114.754 χ^2/NDF : 160.5/8

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

Right Out: -822.168+/-97.269 χ^2/NDF : 128.0/11

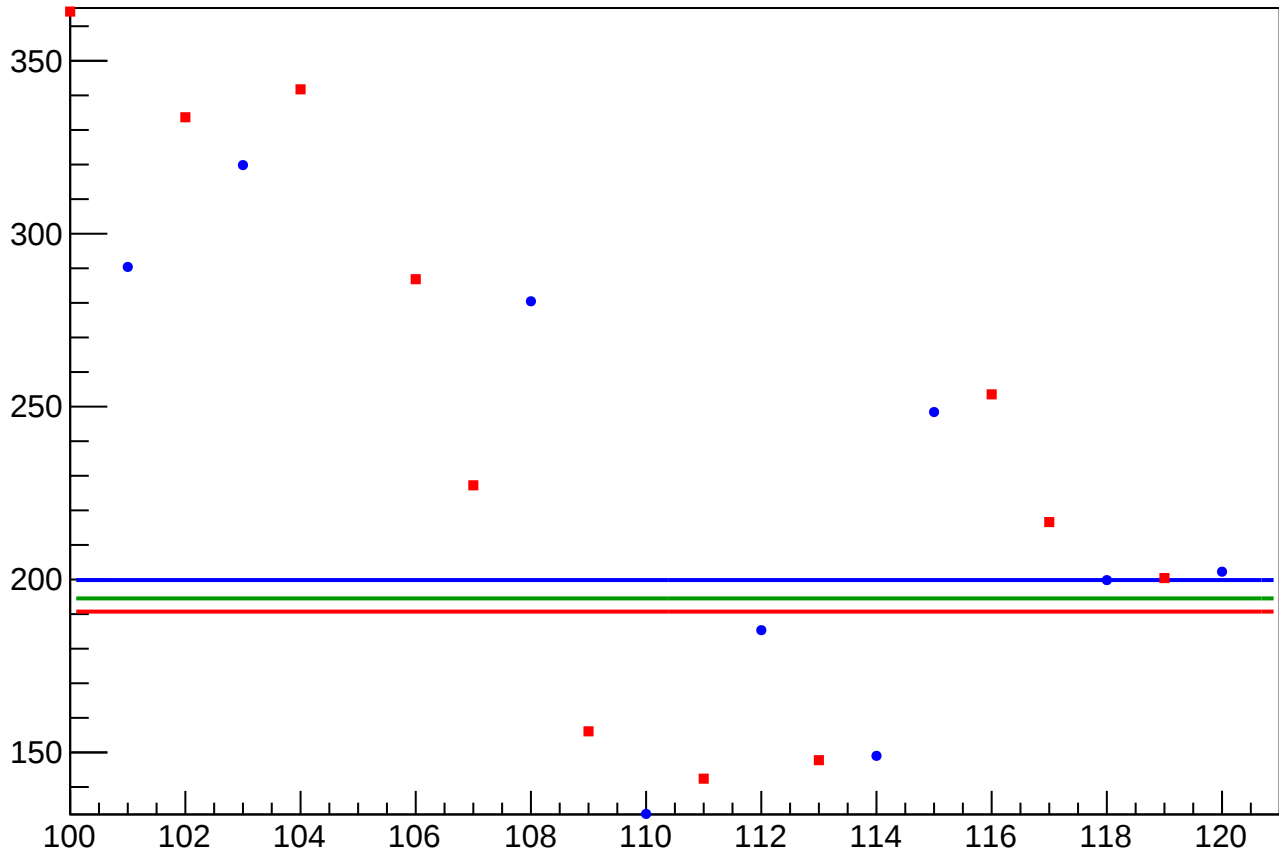
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

98.959+/-114.754 χ^2/NDF : 160.5/8

-437.055+/-74.200 χ^2/NDF : 326.0/20

-822.168+/-97.269 χ^2/NDF : 128.0/11

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 199.846+/-0.081 χ^2/NDF : 550951.6/8

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

Right Out: 190.729+/-0.069 χ^2/NDF : 751815.0/11

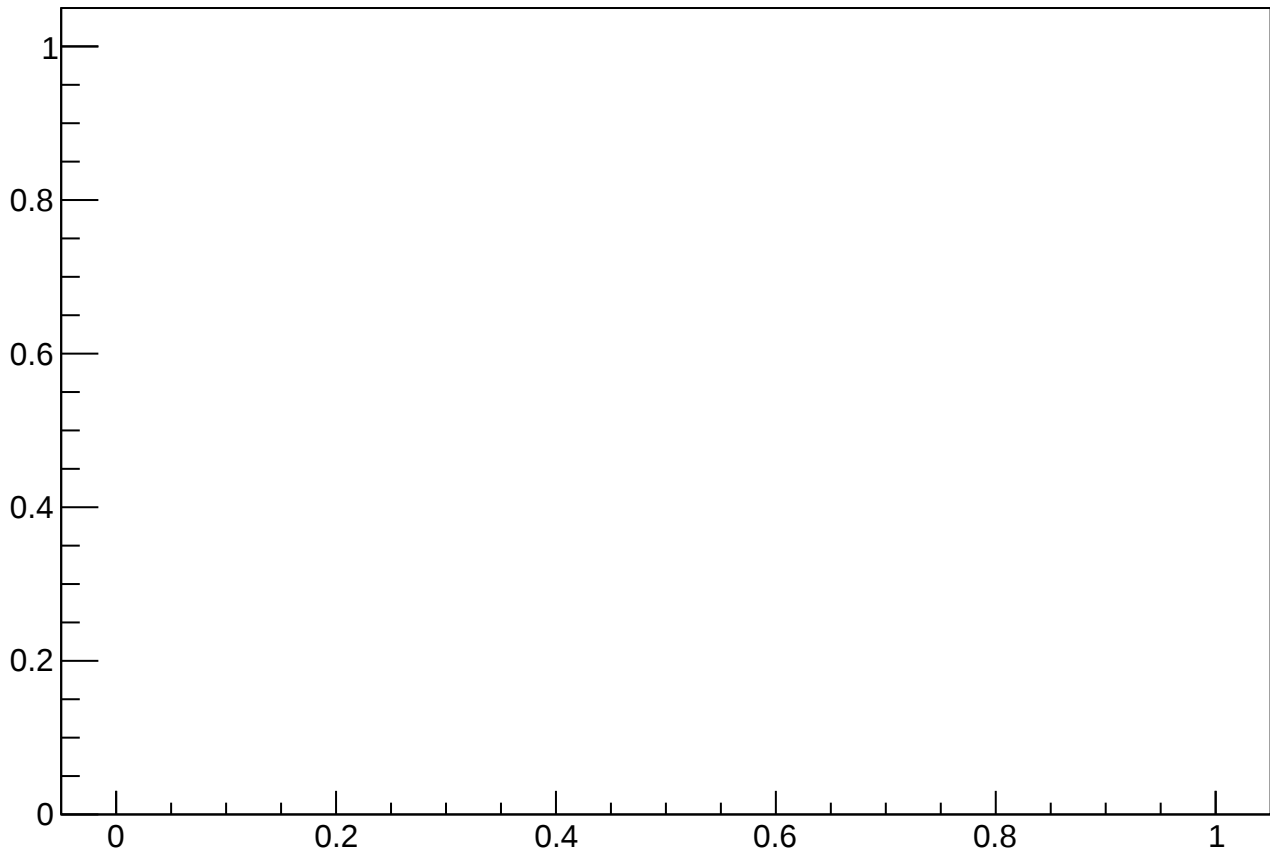
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

199.846+/-0.081 χ^2/NDF : 550951.6/8

194.541+/-0.052 χ^2/NDF : 1310112.1/20

190.729+/-0.069 χ^2/NDF : 751815.0/11

bcm_an_us_ds_dd_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

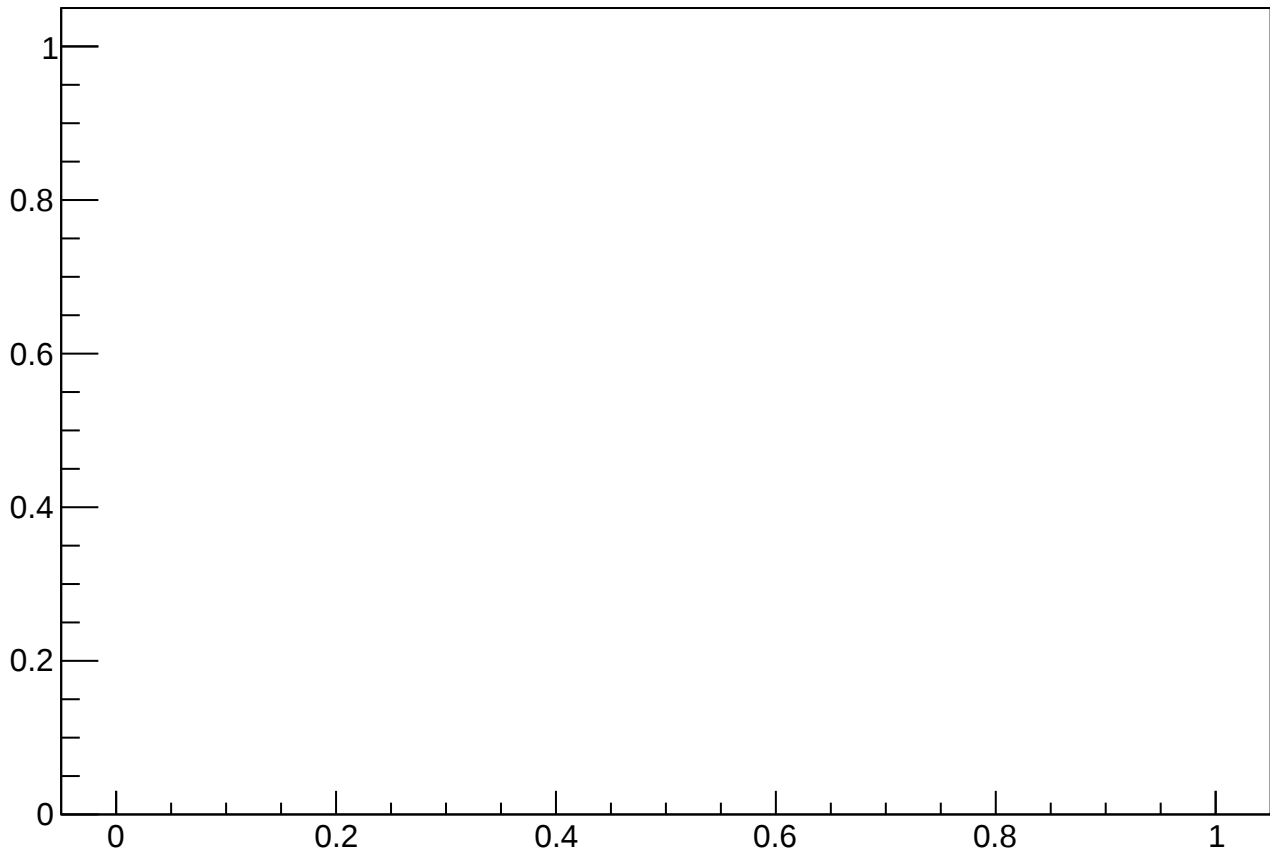
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_us_ds_dd_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

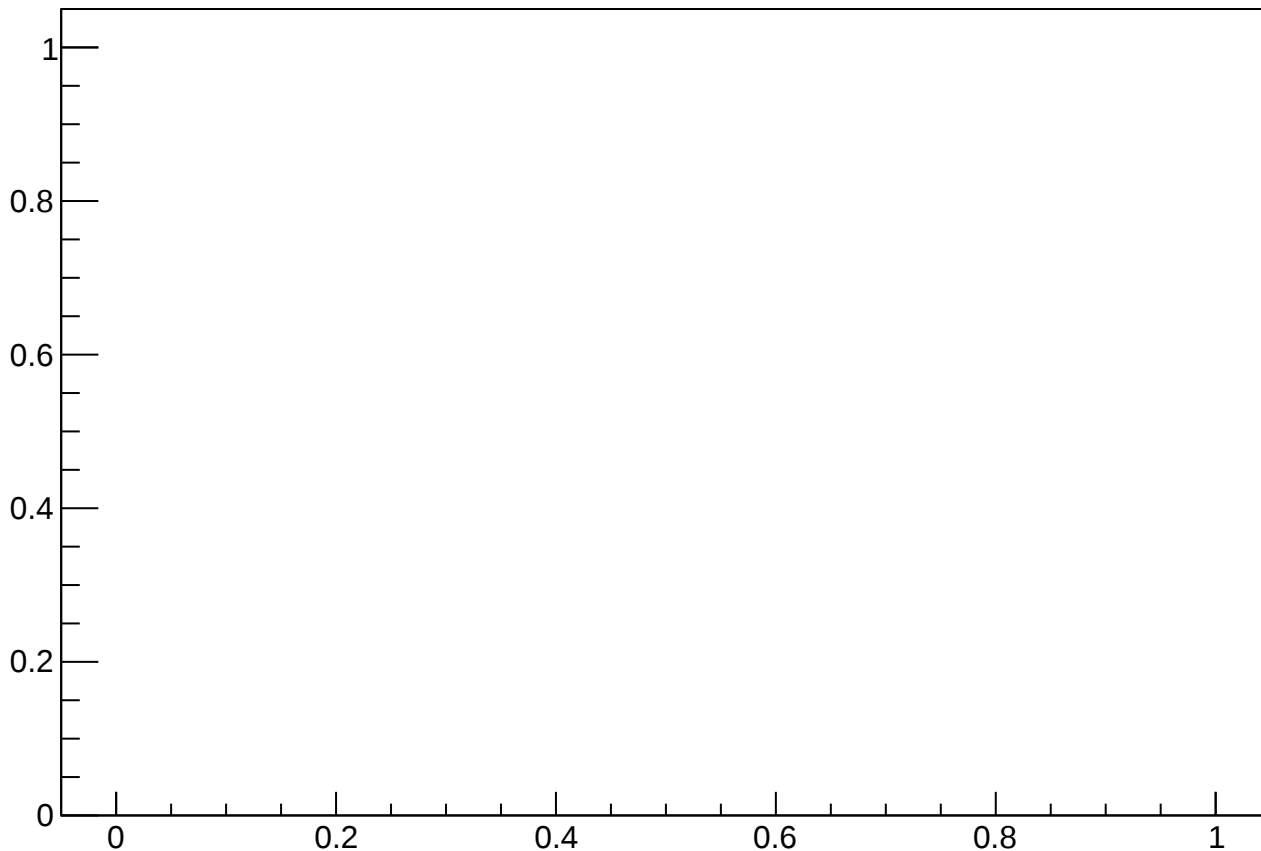
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_dg_ds_dd_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

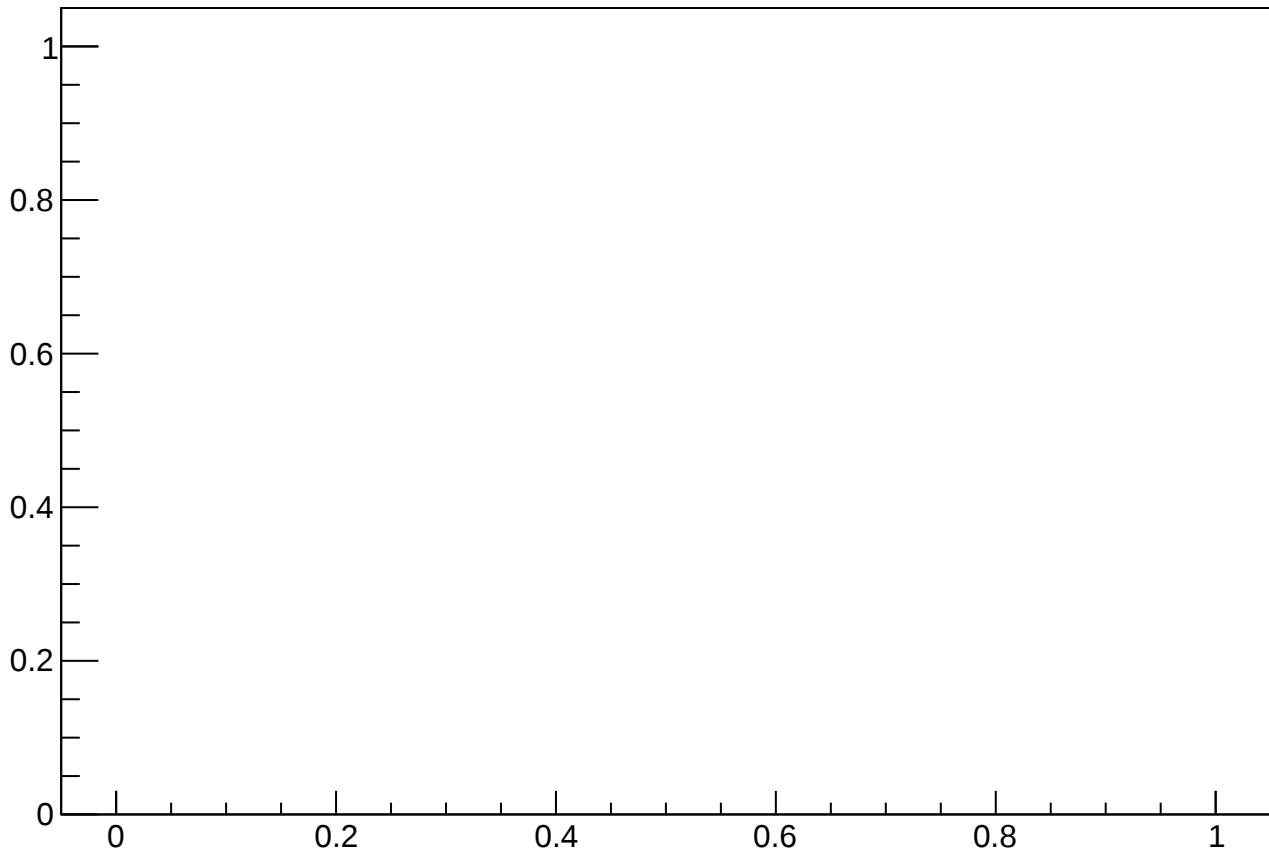
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_dg_us_dg_ds_dd_rms vs Slug, Sign Corrected



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

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

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

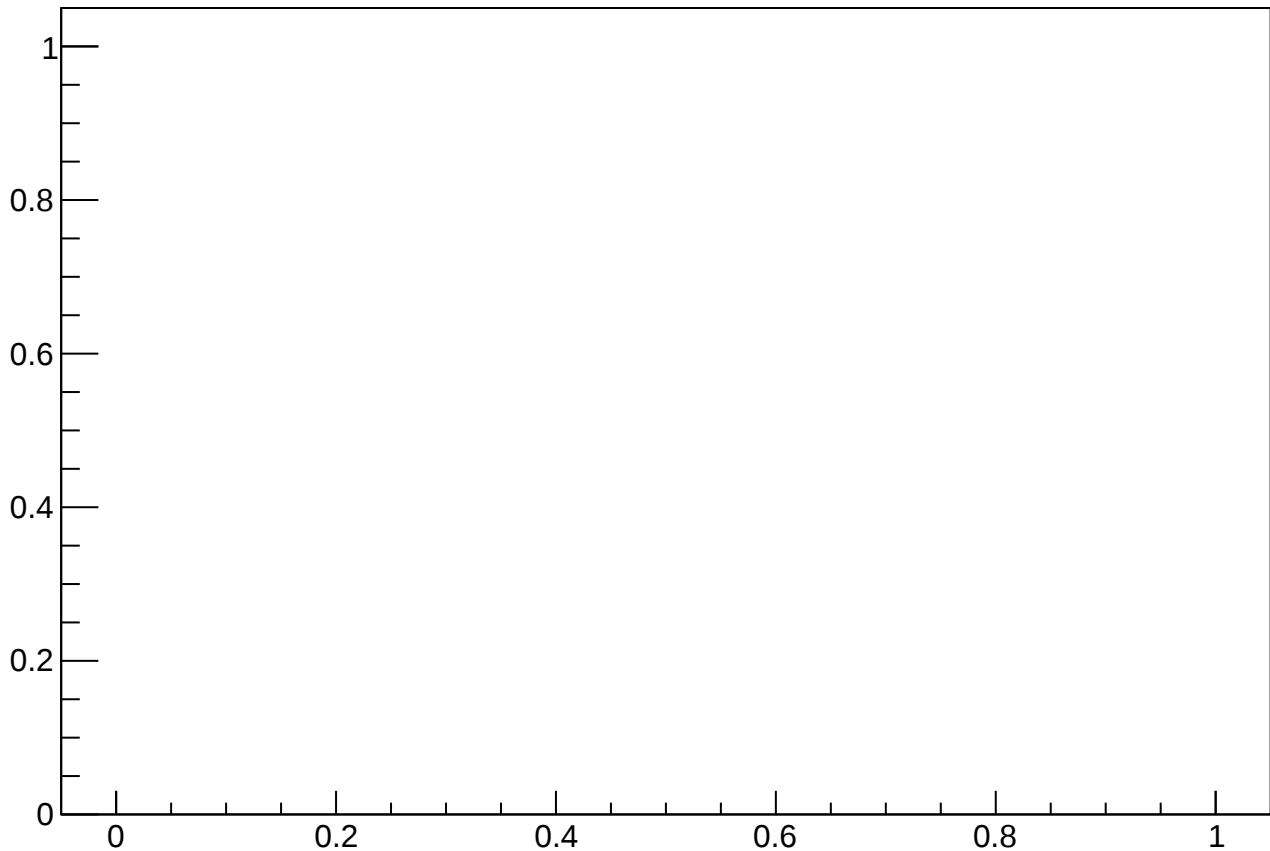
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

bcm_dg_us_ds_dd_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

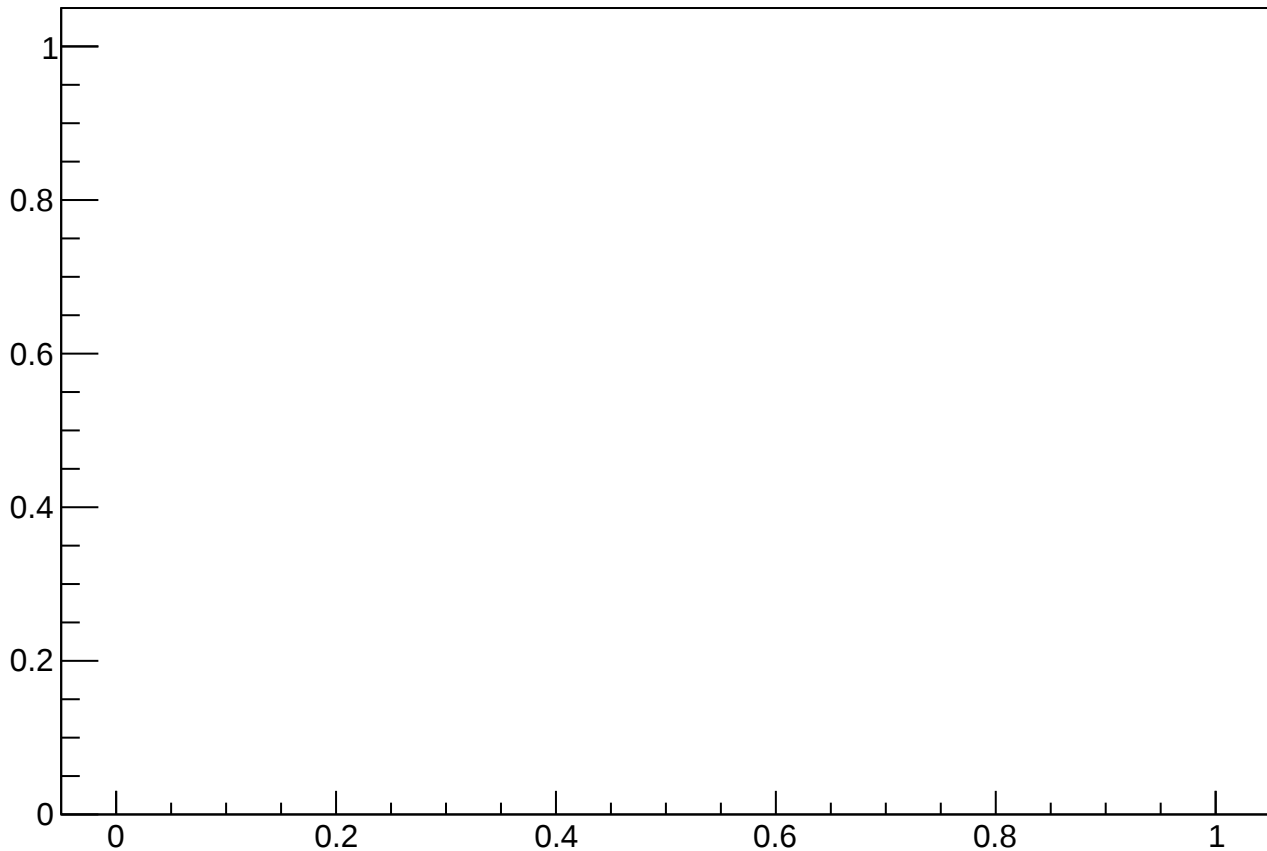
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_dd_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

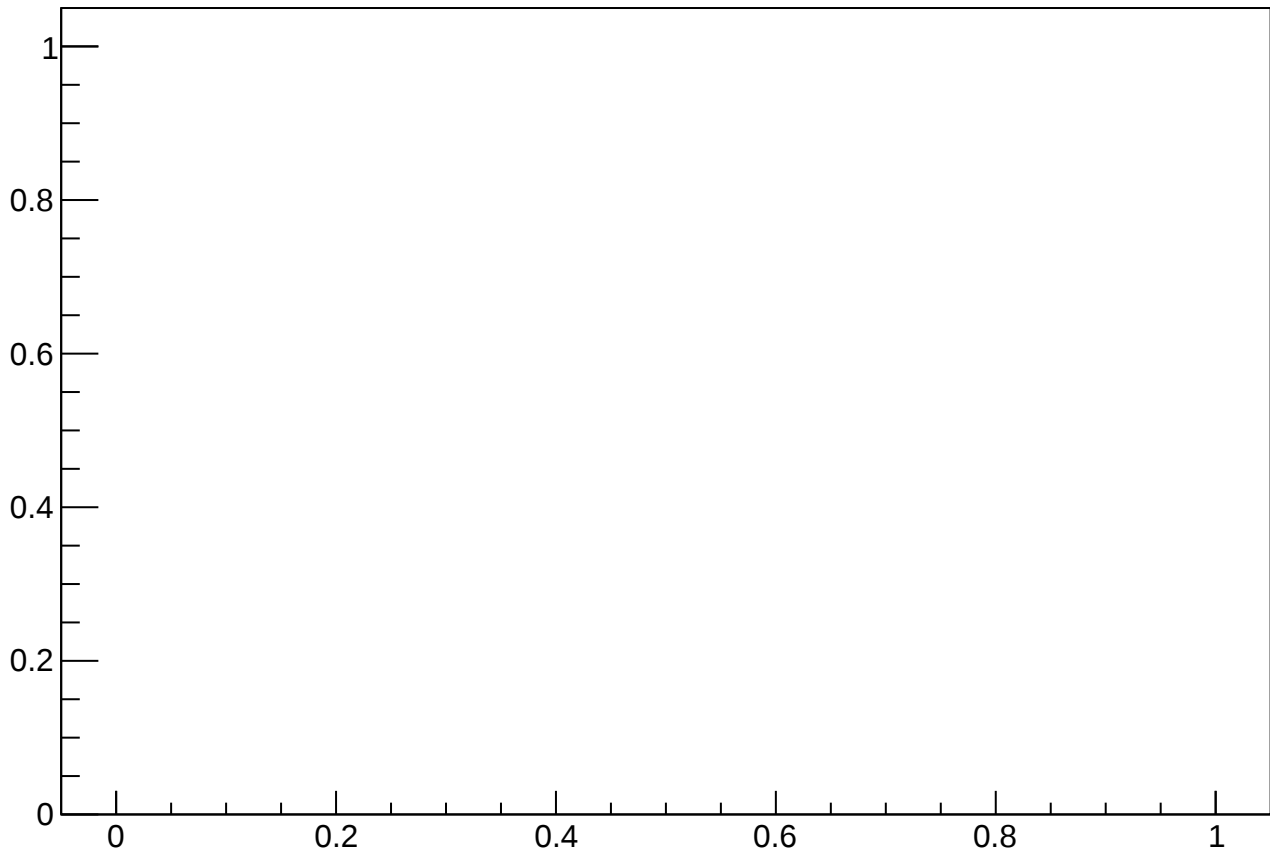
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

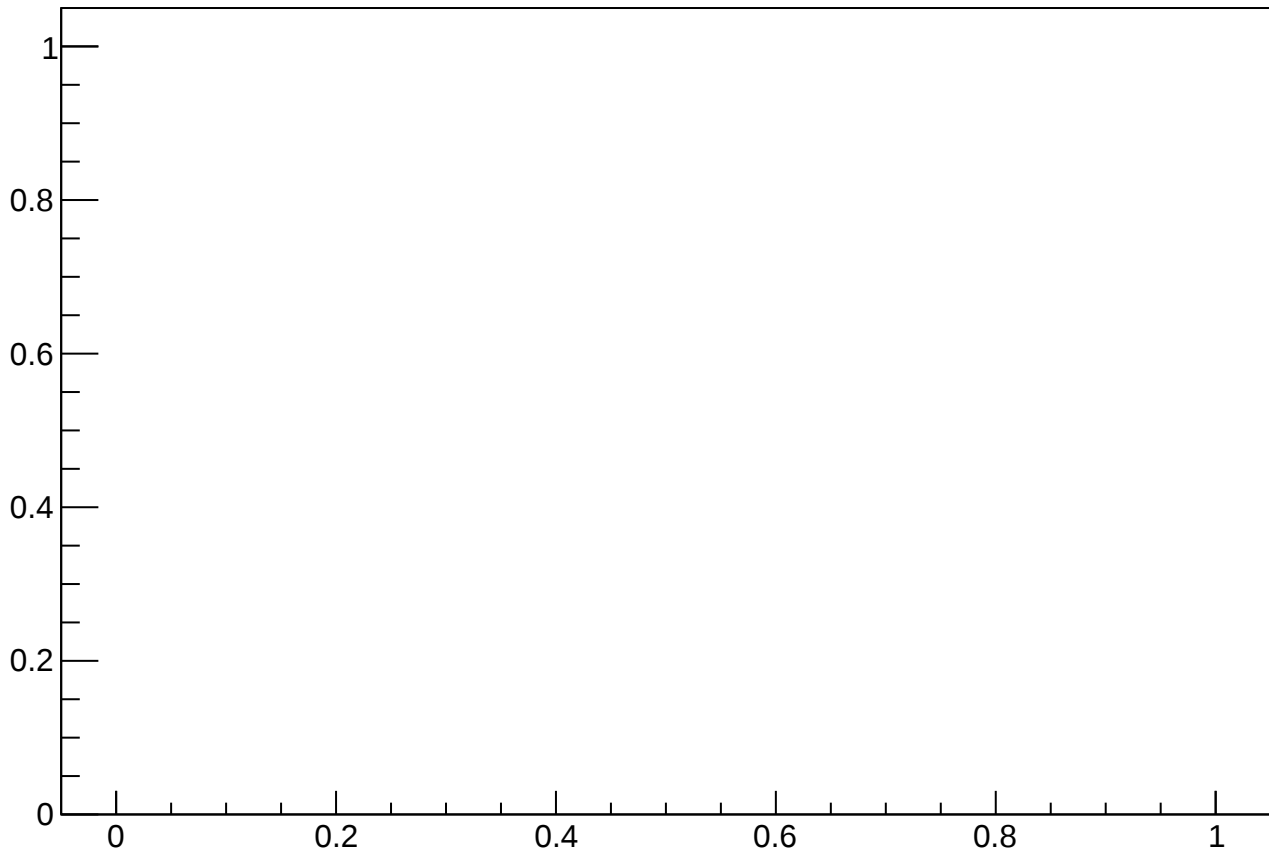
bcm_dg_ds_ds_dd_mean vs Slug, Sign Corrected



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

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

bcm_dg_ds_ds_dd_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

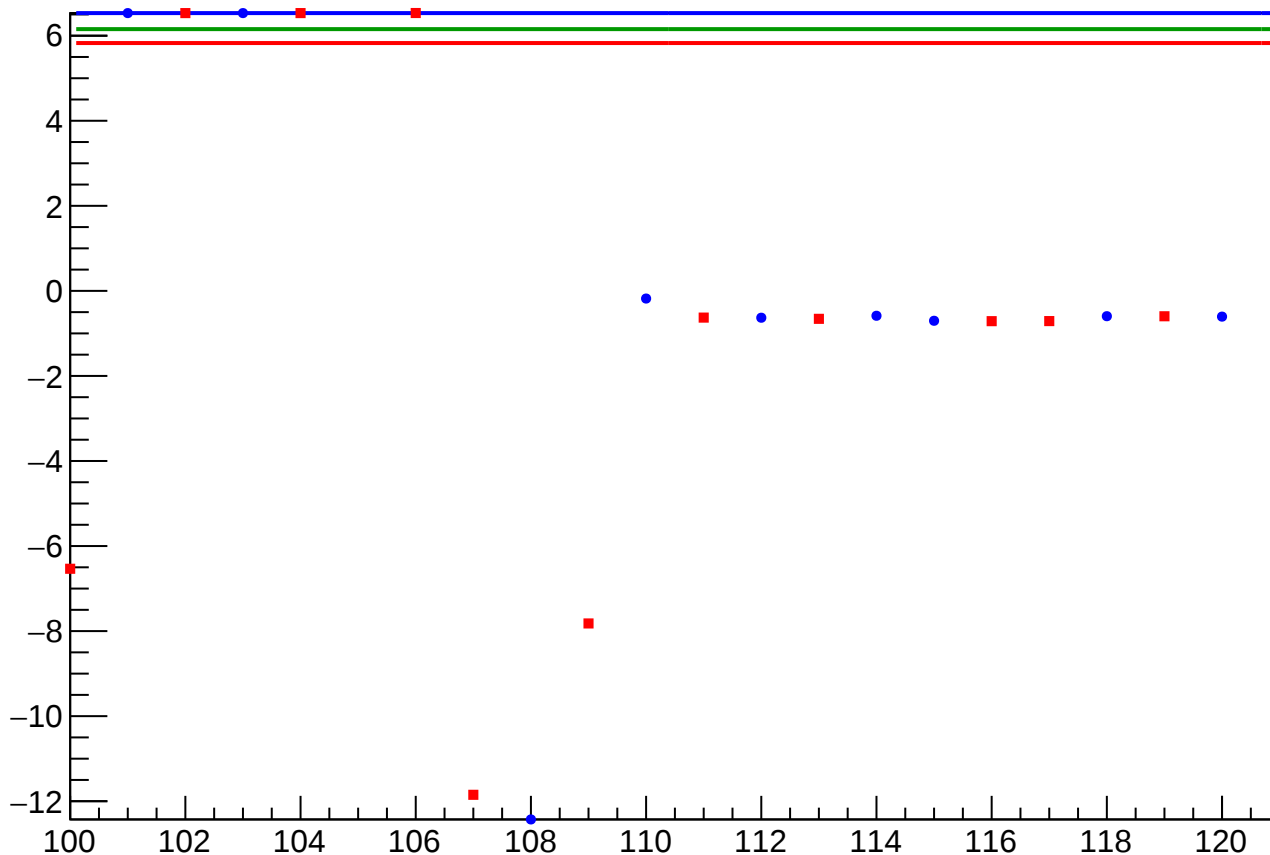
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 6.532+/-0.000 χ^2/NDF : 47607101115.2/8

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

Right Out: 5.828+/-0.000 χ^2/NDF : 755911905248146.8/11

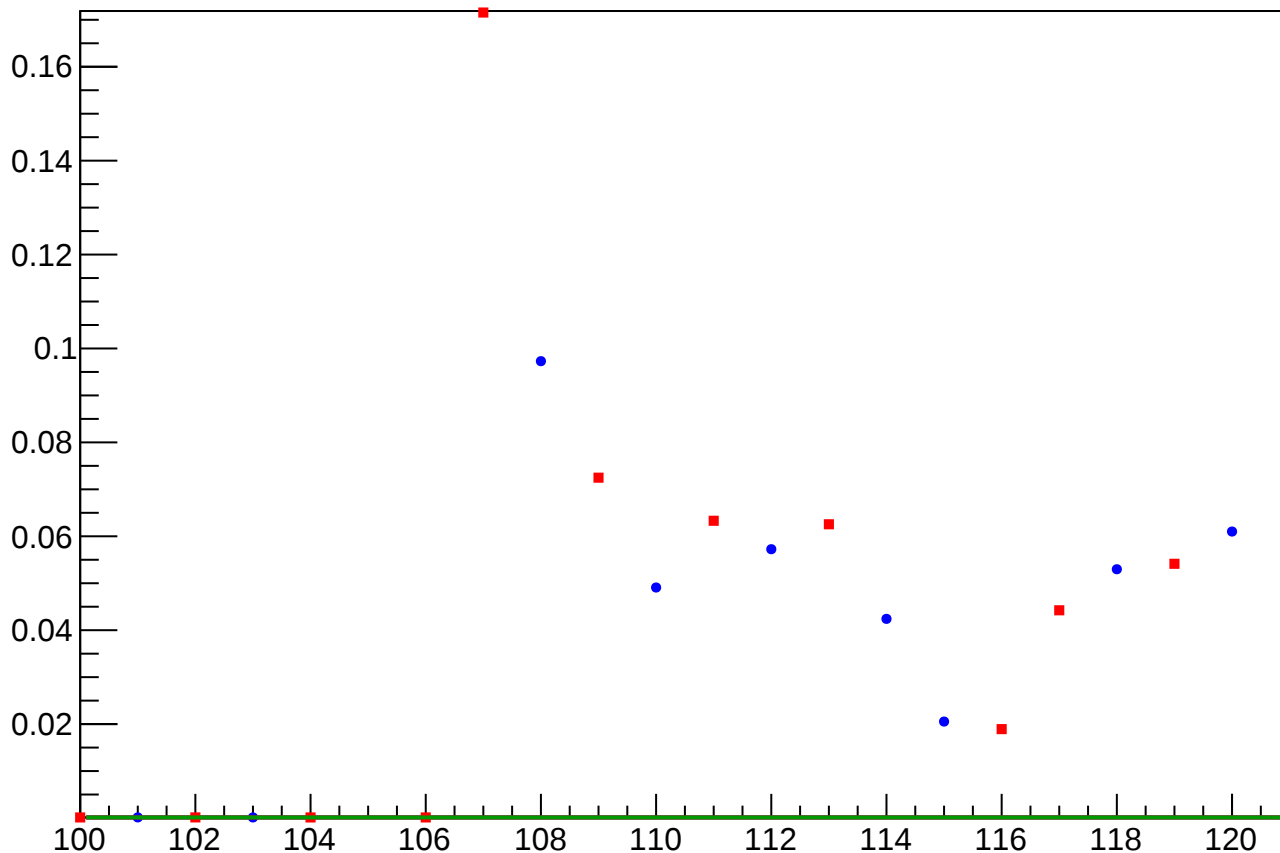
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.532+/-0.000 χ^2/NDF : 47607101115.2/8

6.155+/-0.000 χ^2/NDF : 77596646263148

5.828+/-0.000 χ^2/NDF : 755911905248146.8/11

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3666209.4/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4794907.2/11

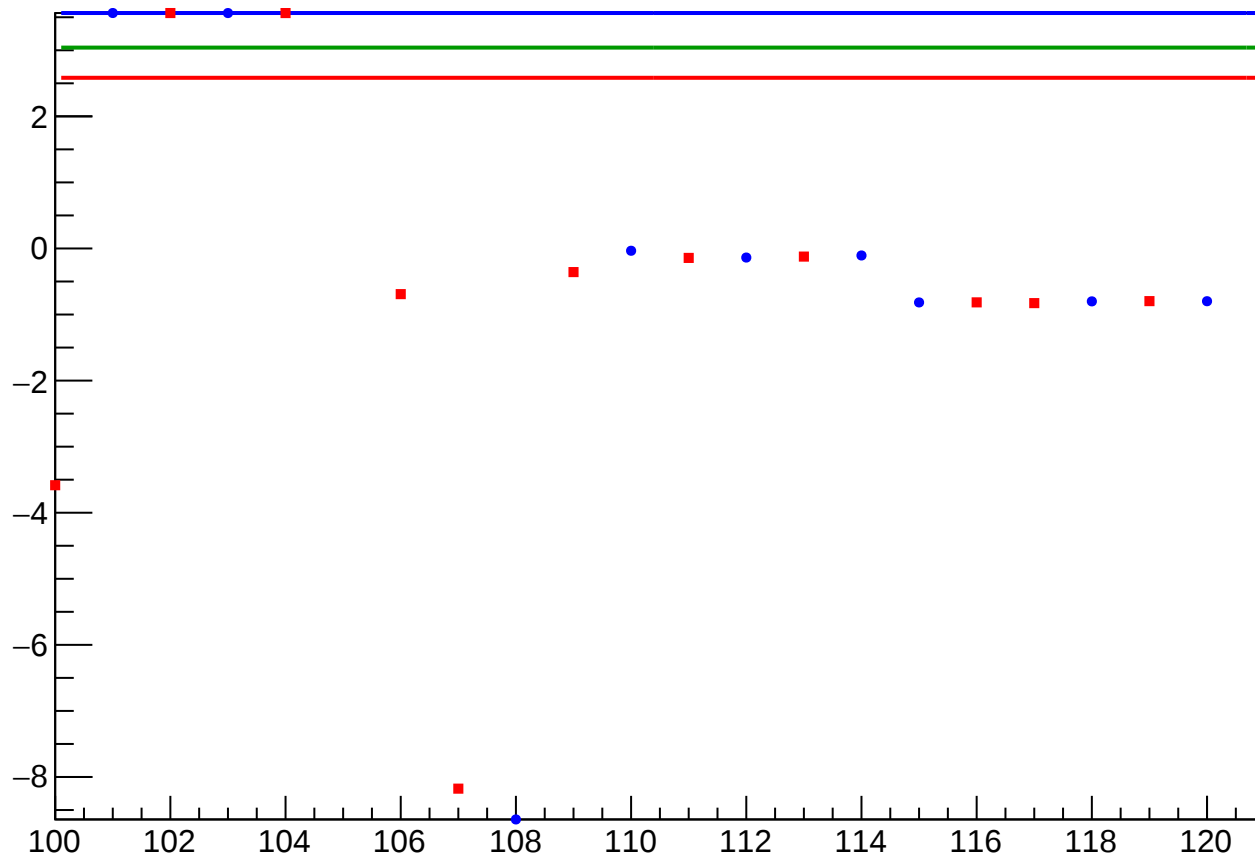
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 3666209.4/8

0.000+/-0.000 χ^2/NDF : 8461299.4/20

0.000+/-0.000 χ^2/NDF : 4794907.2/11

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 3.564+/-0.000 χ^2/NDF : 77953934184.0/8

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

Right Out: 2.584+/-0.000 χ^2/NDF : 1253294027249690.2/11

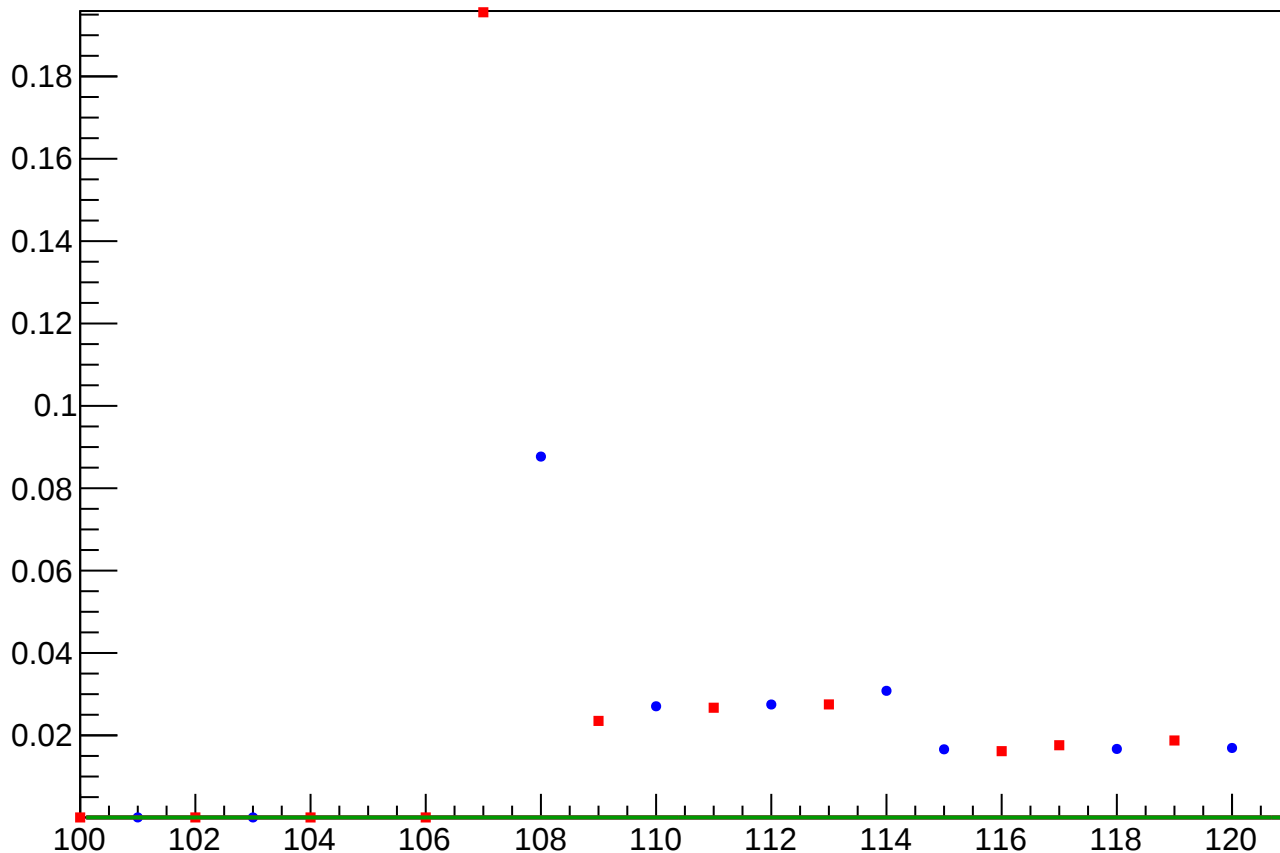
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.564+/-0.000 χ^2/NDF : 77953934184.0/8

3.041+/-0.000 χ^2/NDF : 13816739406186

2.584+/-0.000 χ^2/NDF : 1253294027249690.2/11

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3971359.9/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4887909.9/11

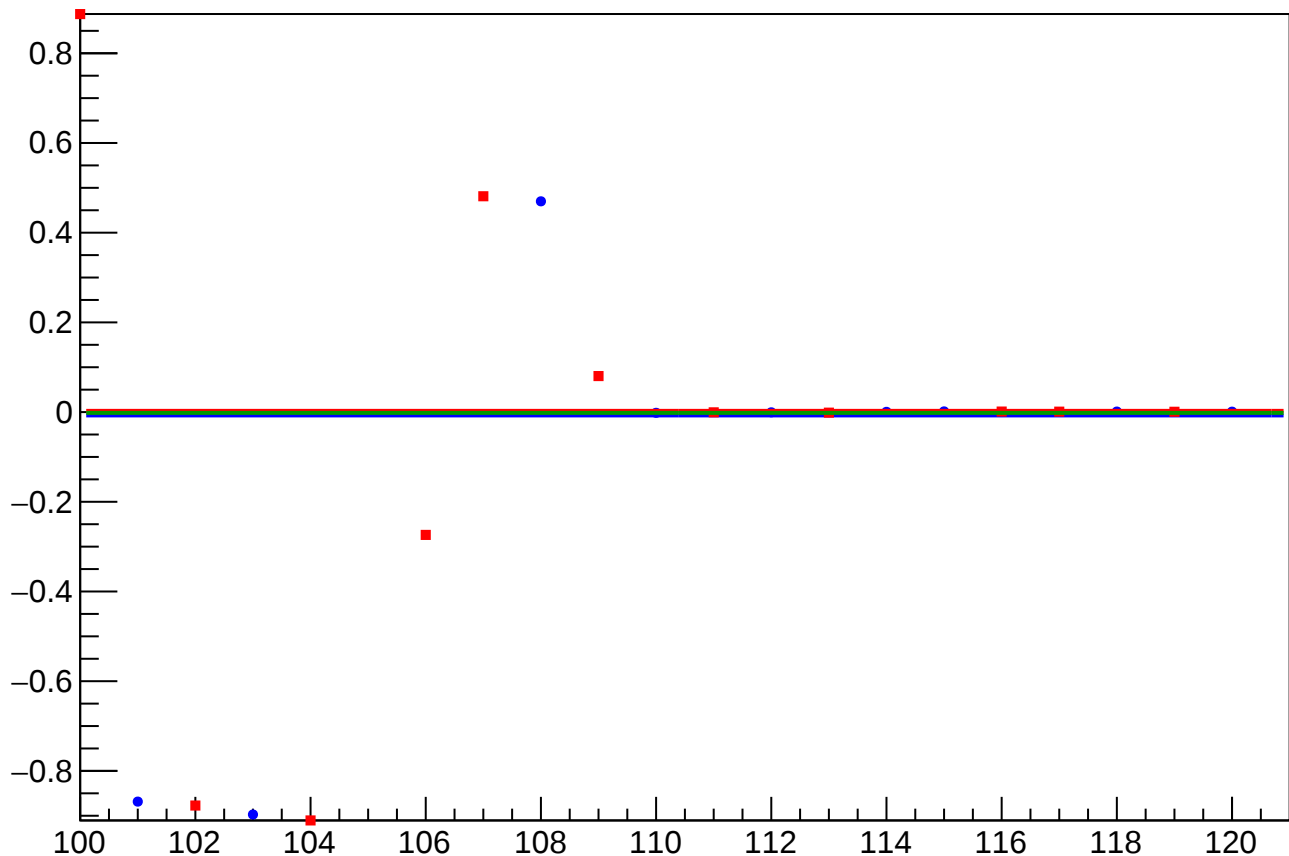
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 3971359.9/8

0.000+/-0.000 χ^2/NDF : 8859427.1/20

0.000+/-0.000 χ^2/NDF : 4887909.9/11

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.007+/-0.000 χ^2/NDF : 9771611861.4/8

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

Right Out: 0.003+/-0.000 χ^2/NDF : 3038211528.0/11

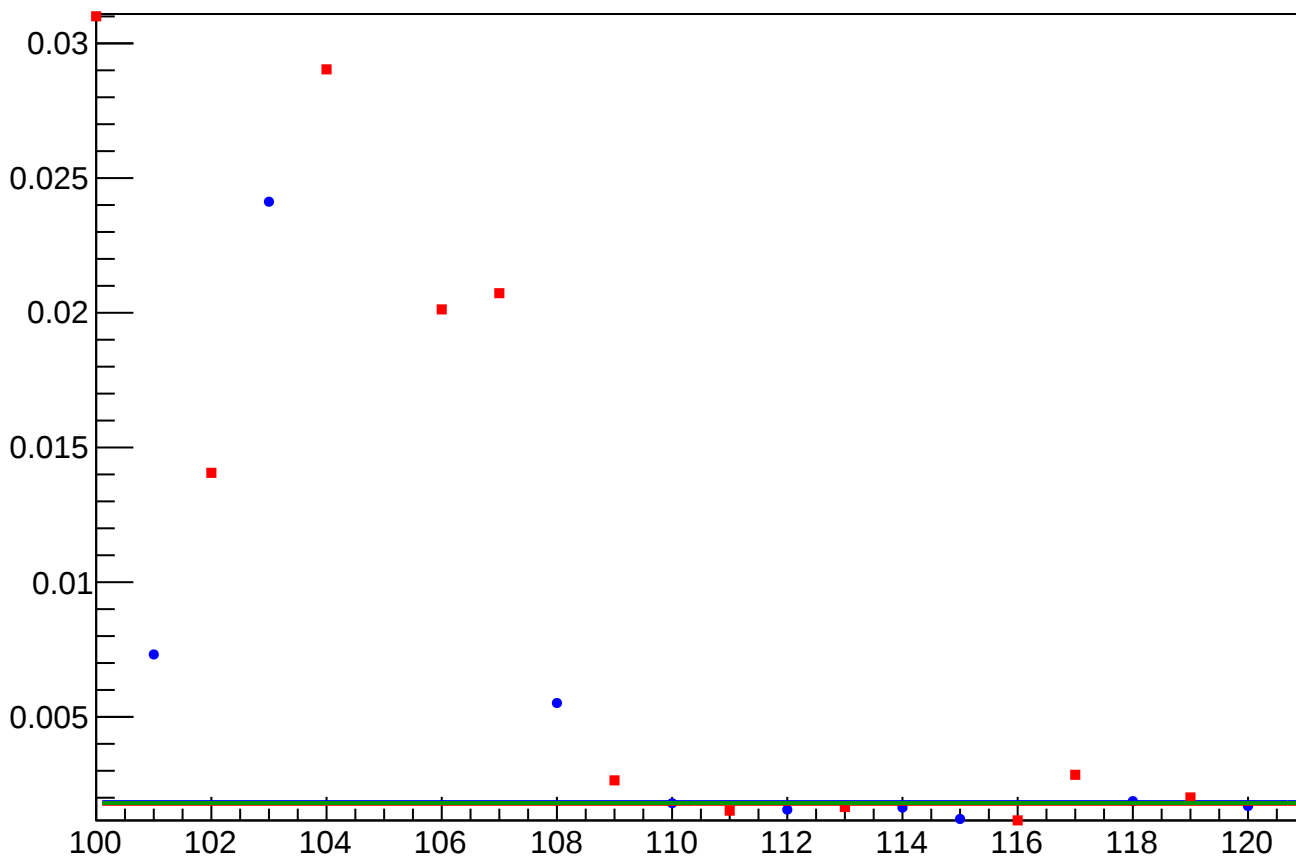
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.007+/-0.000 χ^2/NDF : 9771611861.4/8

-0.002+/-0.000 χ^2/NDF : 12842911413.1/11

0.003+/-0.000 χ^2/NDF : 3038211528.0/11

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1696556.4/8

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

Right Out: 0.002+/-0.000 χ^2/NDF : 2851864.8/11

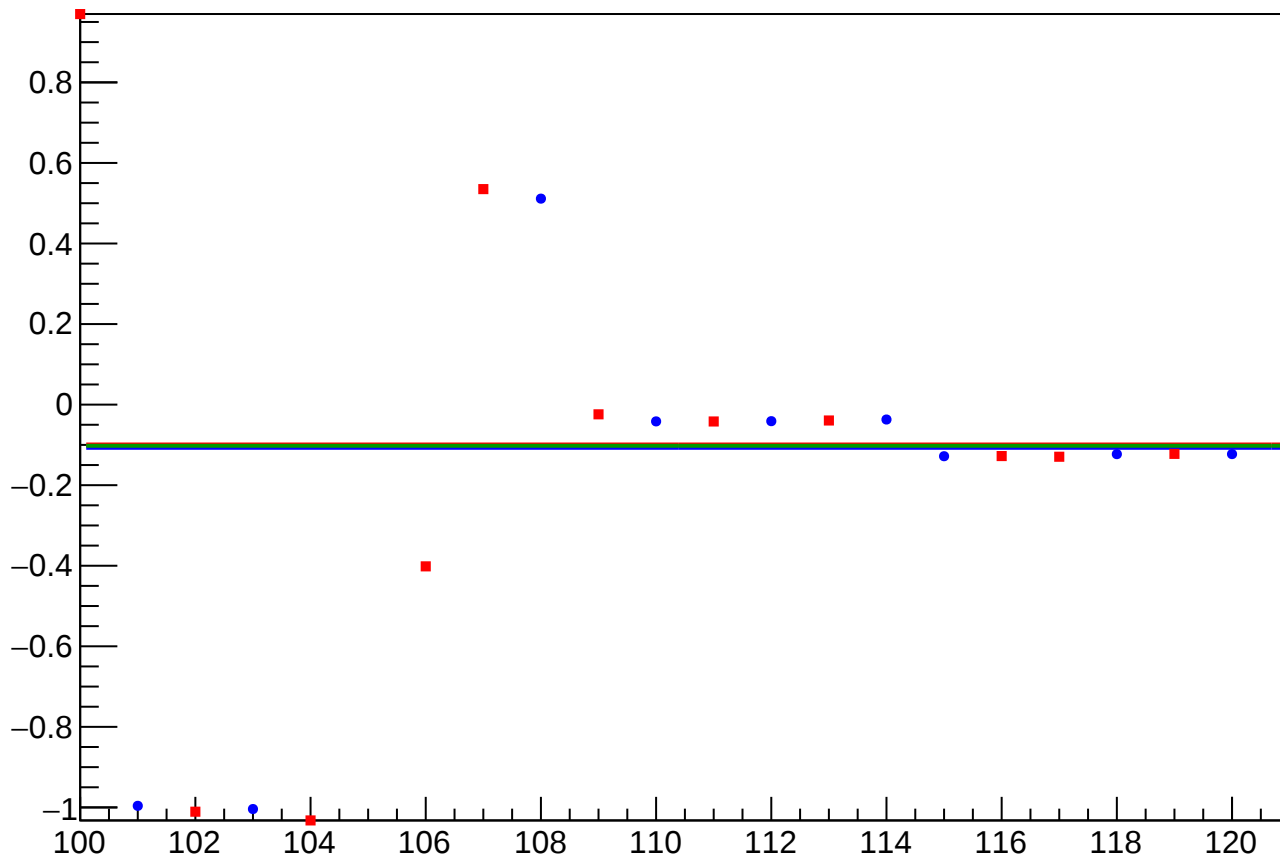
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 1696556.4/8

0.002+/-0.000 χ^2/NDF : 4551126.5/20

0.002+/-0.000 χ^2/NDF : 2851864.8/11

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.107+/-0.000 χ^2 /NDF: 3846118561.1/8

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

Right Out: -0.099+/-0.000 χ^2 /NDF: 2201954469.2/11

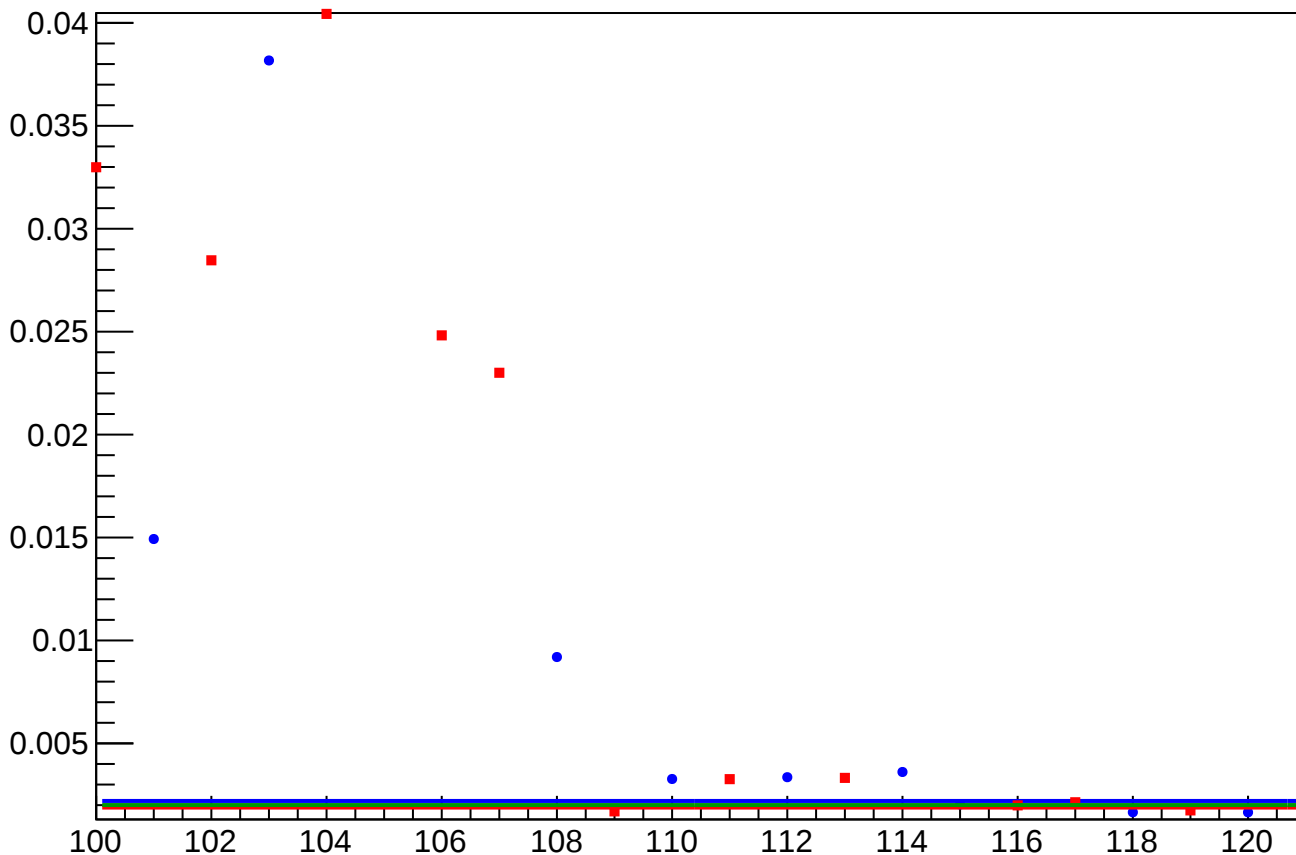
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.107+/-0.000 χ^2 /NDF: 3846118561.1/8

-0.102+/-0.000 χ^2 /NDF: 6064027241.2/20

-0.099+/-0.000 χ^2 /NDF: 2201954469.2/11

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2426152.5/8

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3245618.8/11

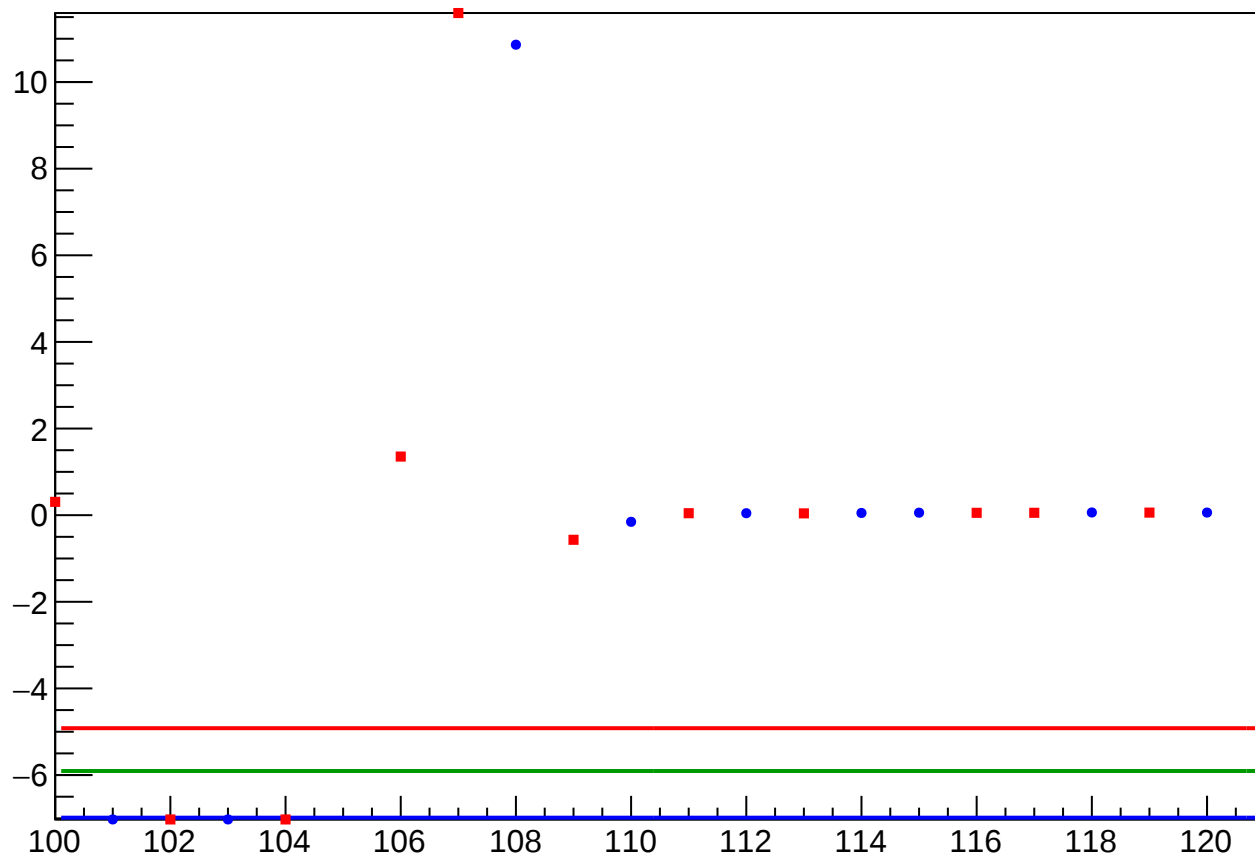
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 2426152.5/8

0.002+/-0.000 χ^2/NDF : 5721329.5/20

0.002+/-0.000 χ^2/NDF : 3245618.8/11

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -6.984+/-0.000 χ^2/NDF : 7094621406876.5/8

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

Right Out: -4.918+/-0.000 χ^2/NDF : 364733836818109.9/11

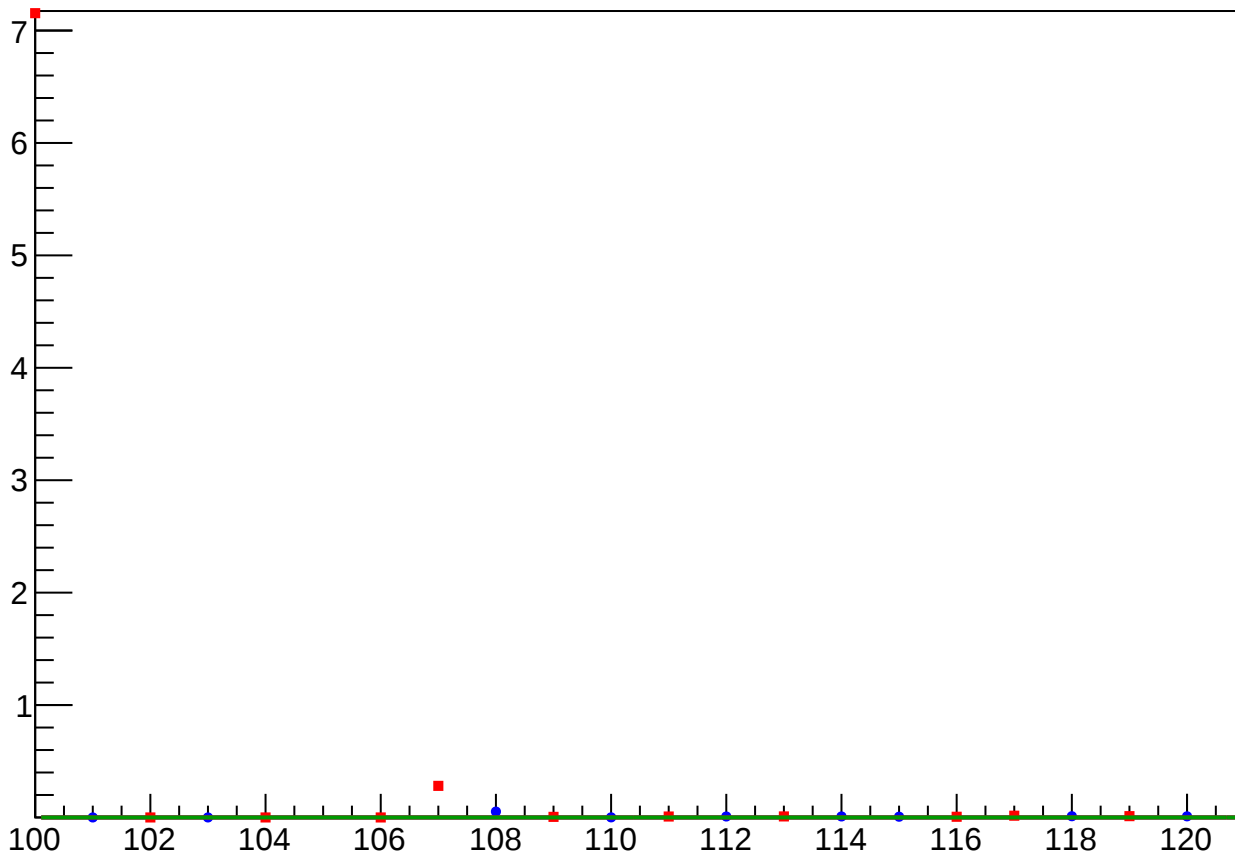
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.984+/-0.000 χ^2/NDF : 7094621406876.5/8

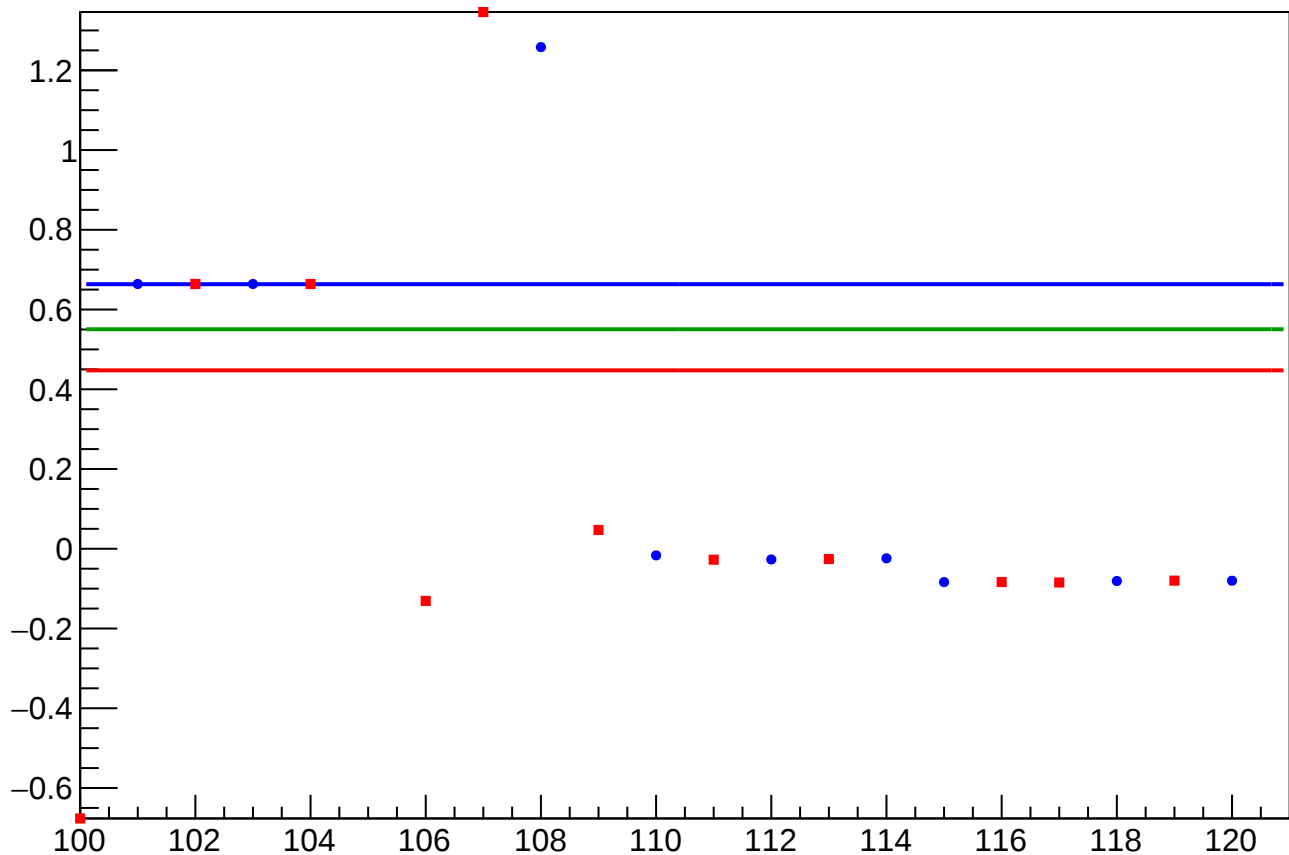
-5.906+/-0.000 χ^2/NDF : 4282240649799.9/11

-4.918+/-0.000 χ^2/NDF : 364733836818109.9/11

yield_cav4dX_rms vs Slug, Sign Corrected



yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.664+/-0.000 χ^2/NDF : 1093190318053.7/8

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

Right Out: 0.447+/-0.000 χ^2/NDF : 403612034203744.3/11

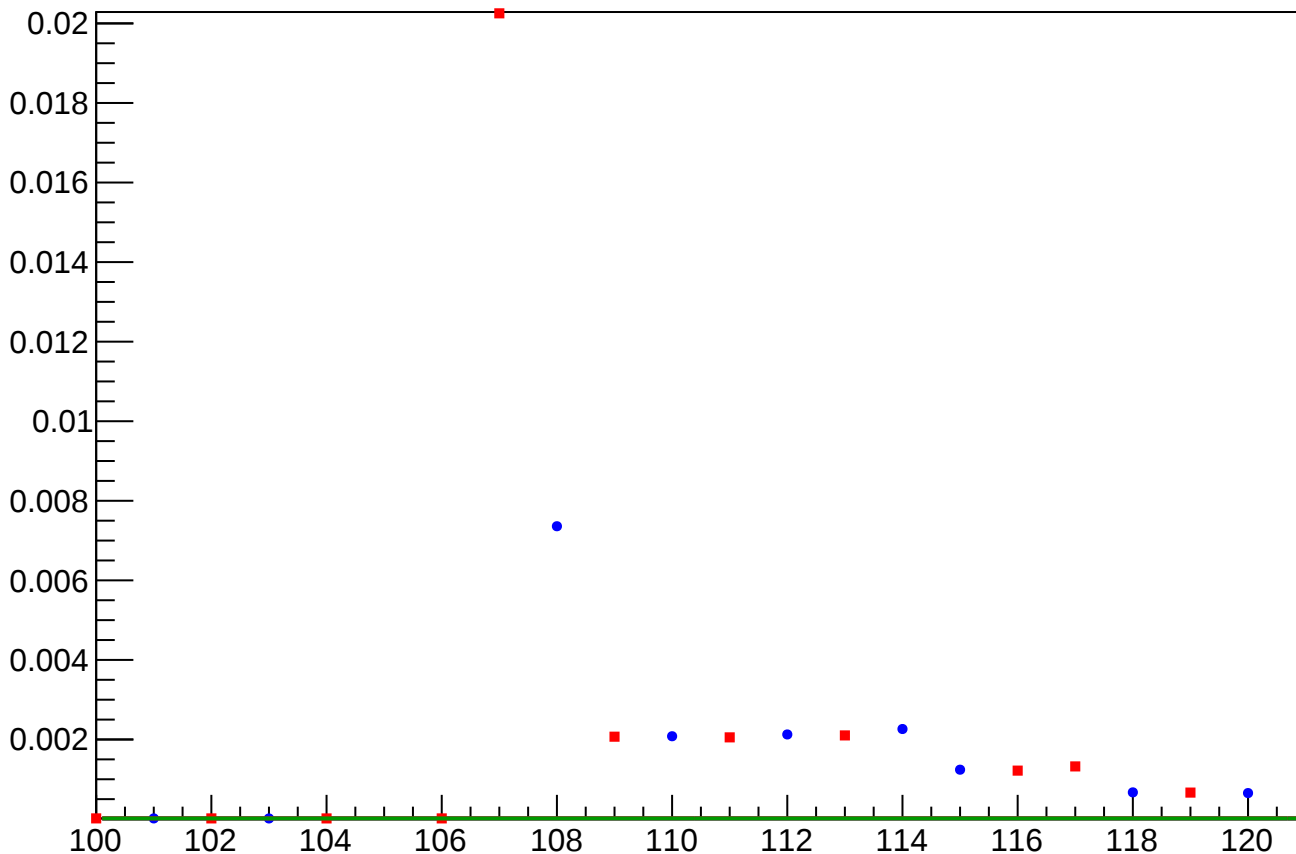
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.664+/-0.000 χ^2/NDF : 1093190318053.7/8

0.551+/-0.000 χ^2/NDF : 46812093093289

0.447+/-0.000 χ^2/NDF : 403612034203744.3/11

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4049051.0/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4567266.2/11

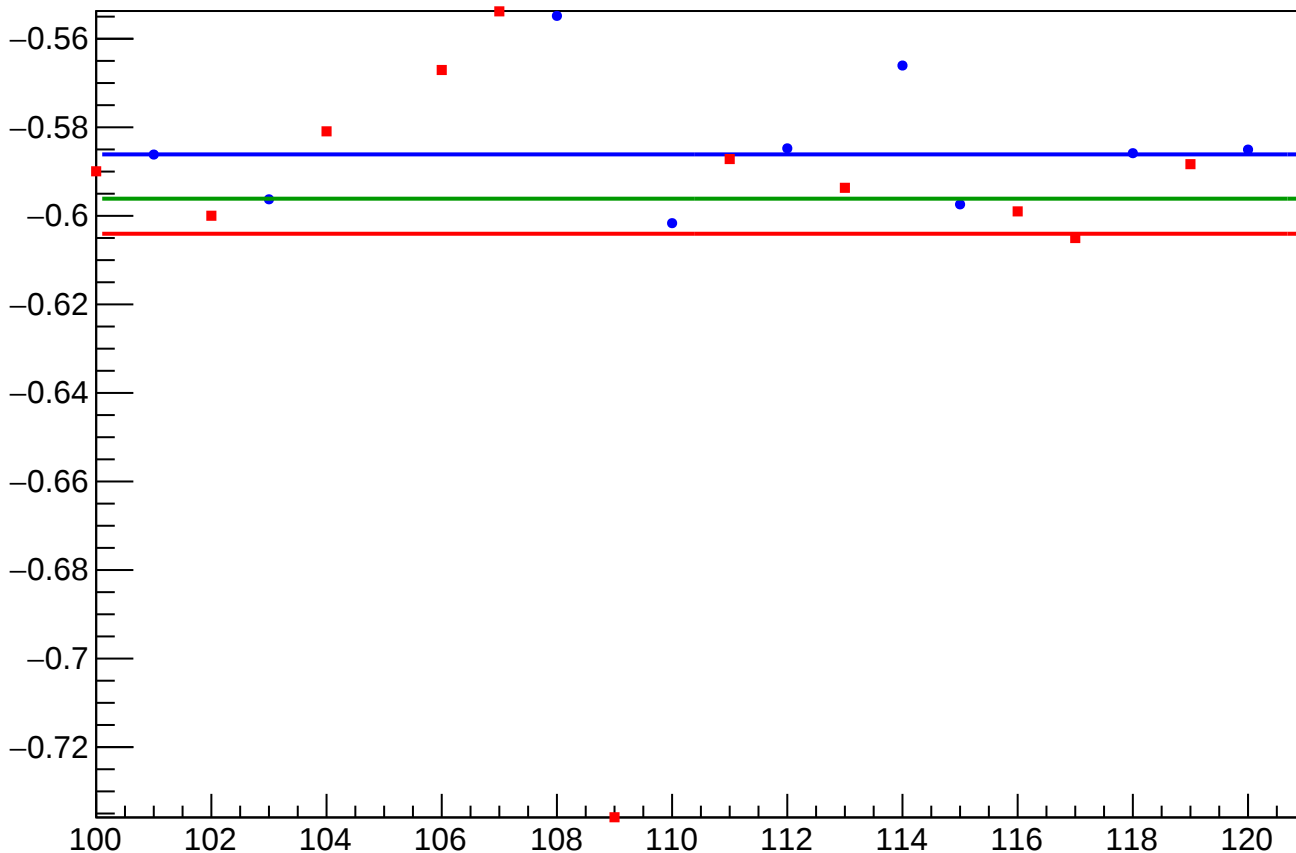
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 4049051.0/8

0.000+/-0.000 χ^2/NDF : 8616749.8/20

0.000+/-0.000 χ^2/NDF : 4567266.2/11

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.586+/-0.000 χ^2/NDF : 481730.3/8

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

Right Out: -0.604+/-0.000 χ^2/NDF : 10124006.1/11

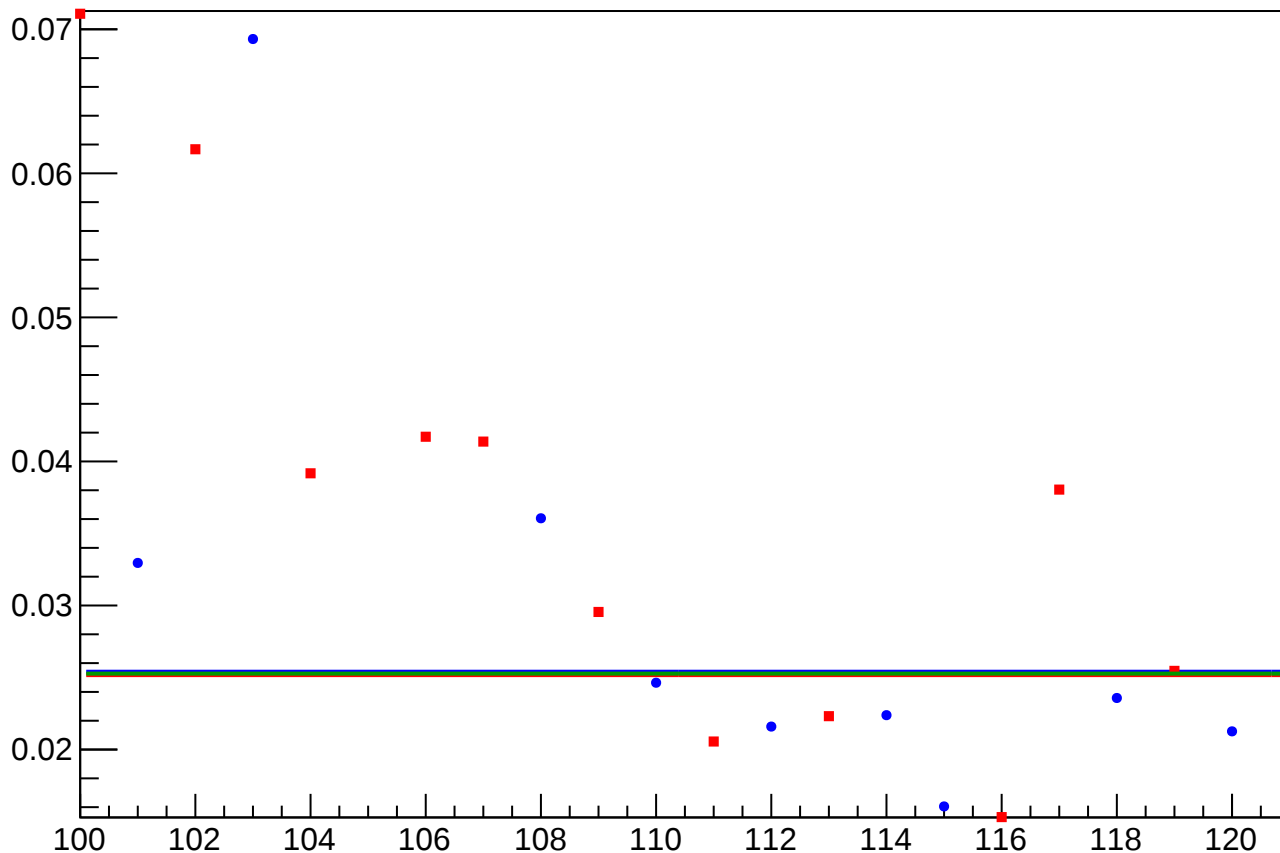
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.586+/-0.000 χ^2/NDF : 481730.3/8

-0.596+/-0.000 χ^2/NDF : 11322162.4/20

-0.604+/-0.000 χ^2/NDF : 10124006.1/11

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.025+/-0.000 χ^2/NDF : 670220.2/8

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

Right Out: 0.025+/-0.000 χ^2/NDF : 912342.6/11

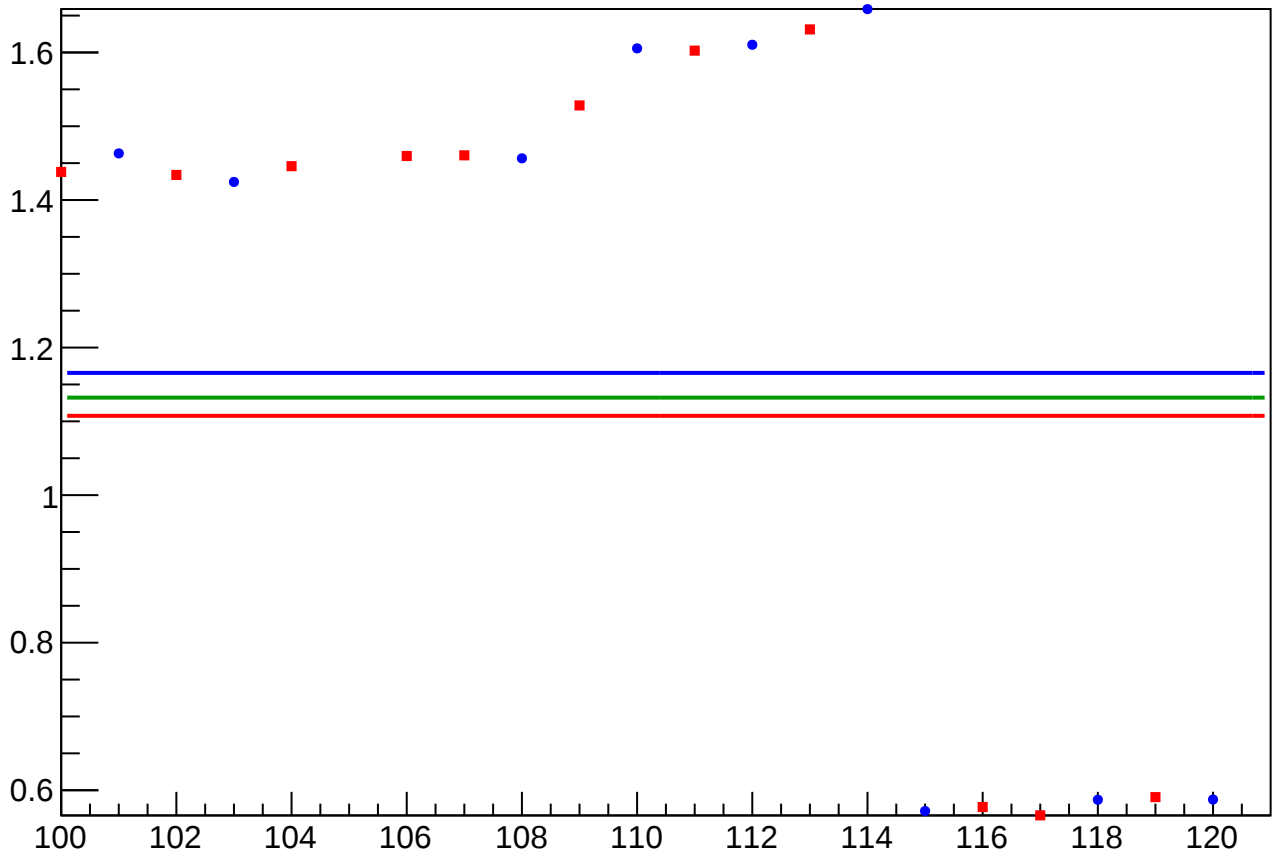
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.025+/-0.000 χ^2/NDF : 670220.2/8

0.025+/-0.000 χ^2/NDF : 1582812.2/20

0.025+/-0.000 χ^2/NDF : 912342.6/11

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 1.166+/-0.000 χ^2/NDF : 1614566782.0/8

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

Right Out: 1.108+/-0.000 χ^2/NDF : 2422709391.3/11

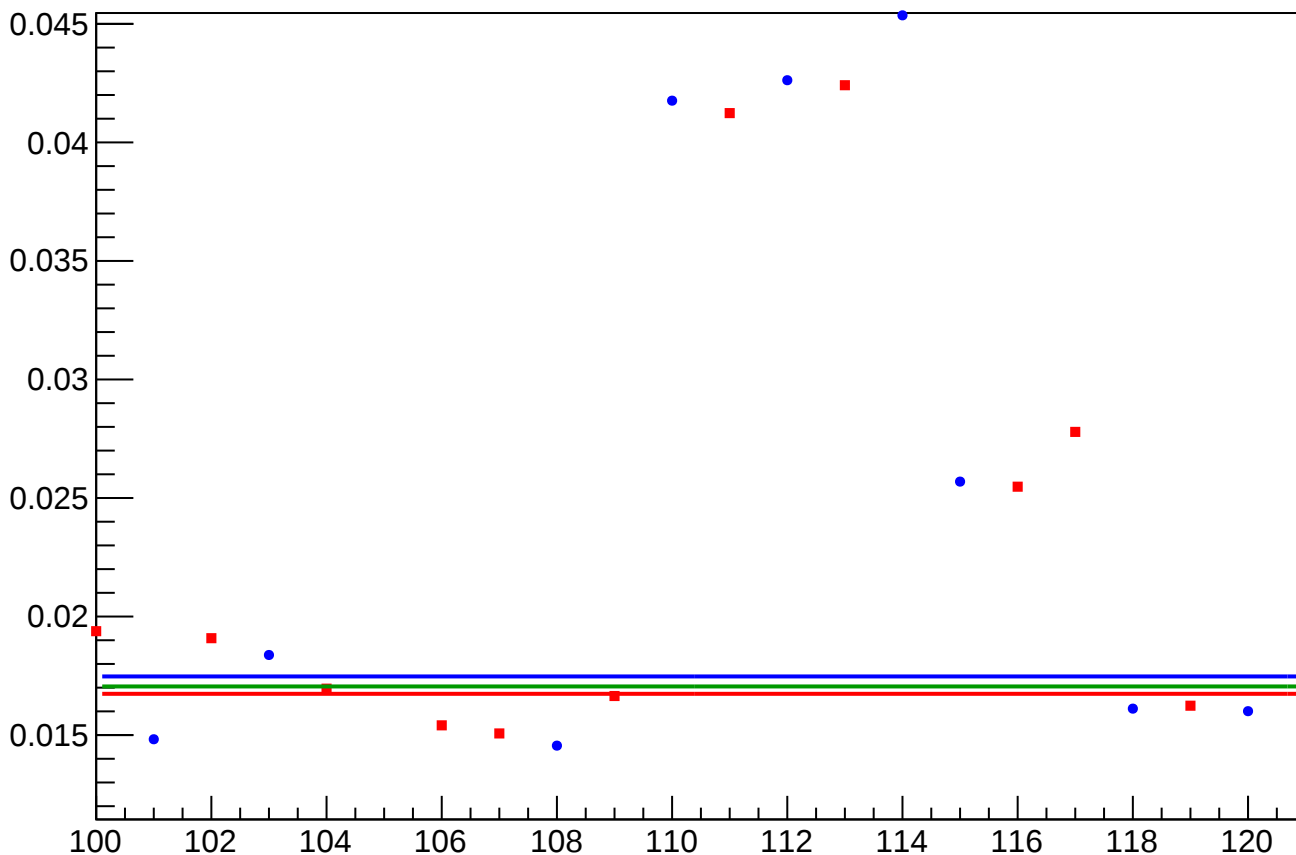
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.166+/-0.000 χ^2/NDF : 1614566782.0/8

1.132+/-0.000 χ^2/NDF : 4055381657.8/20

1.108+/-0.000 χ^2/NDF : 2422709391.3/11

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 710954.6/8

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

Right Out: 0.017+/-0.000 χ^2/NDF : 860915.1/11

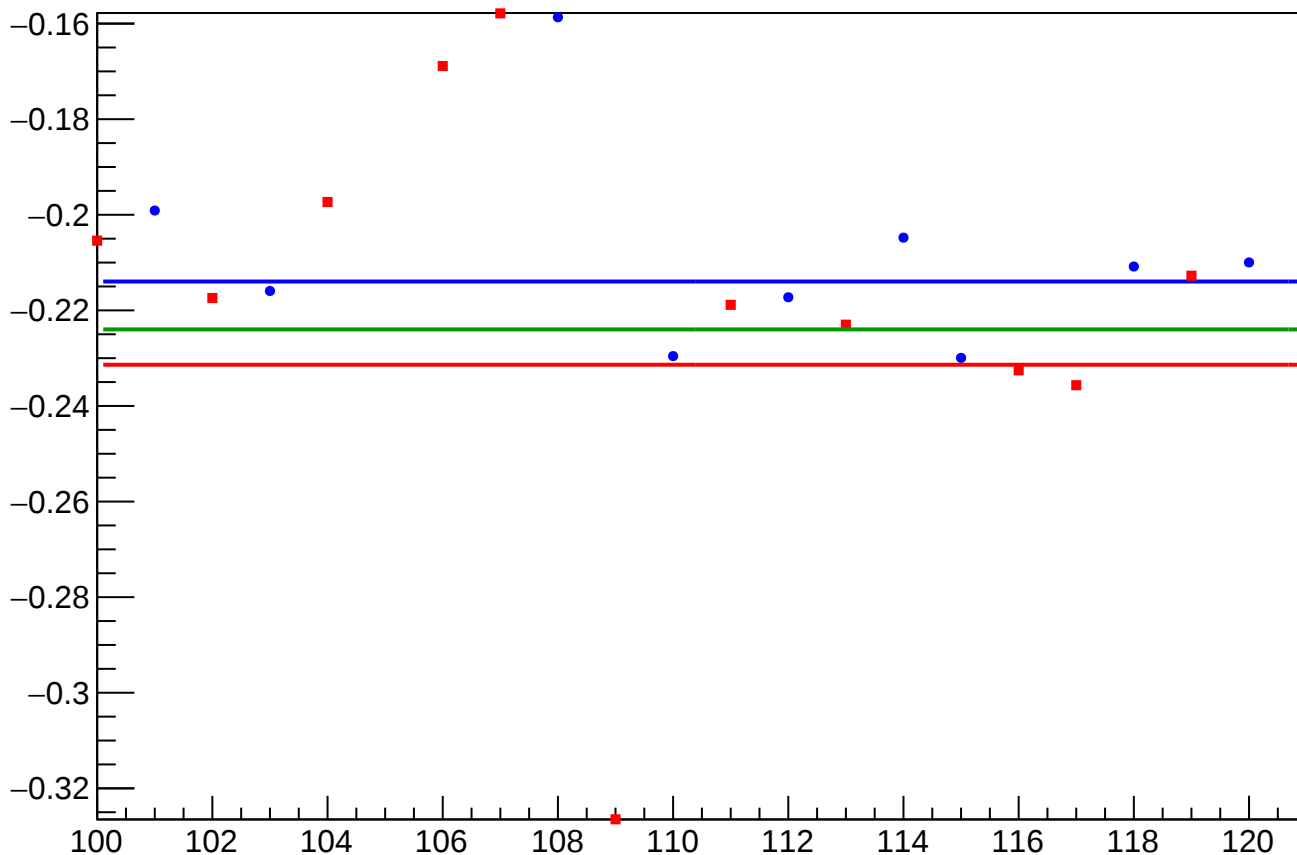
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.017+/-0.000 χ^2/NDF : 710954.6/8

0.017+/-0.000 χ^2/NDF : 1577622.7/20

0.017+/-0.000 χ^2/NDF : 860915.1/11

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.214+/-0.000 χ^2/NDF : 1227948.2/8

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

Right Out: -0.231+/-0.000 χ^2/NDF : 11120298.2/11

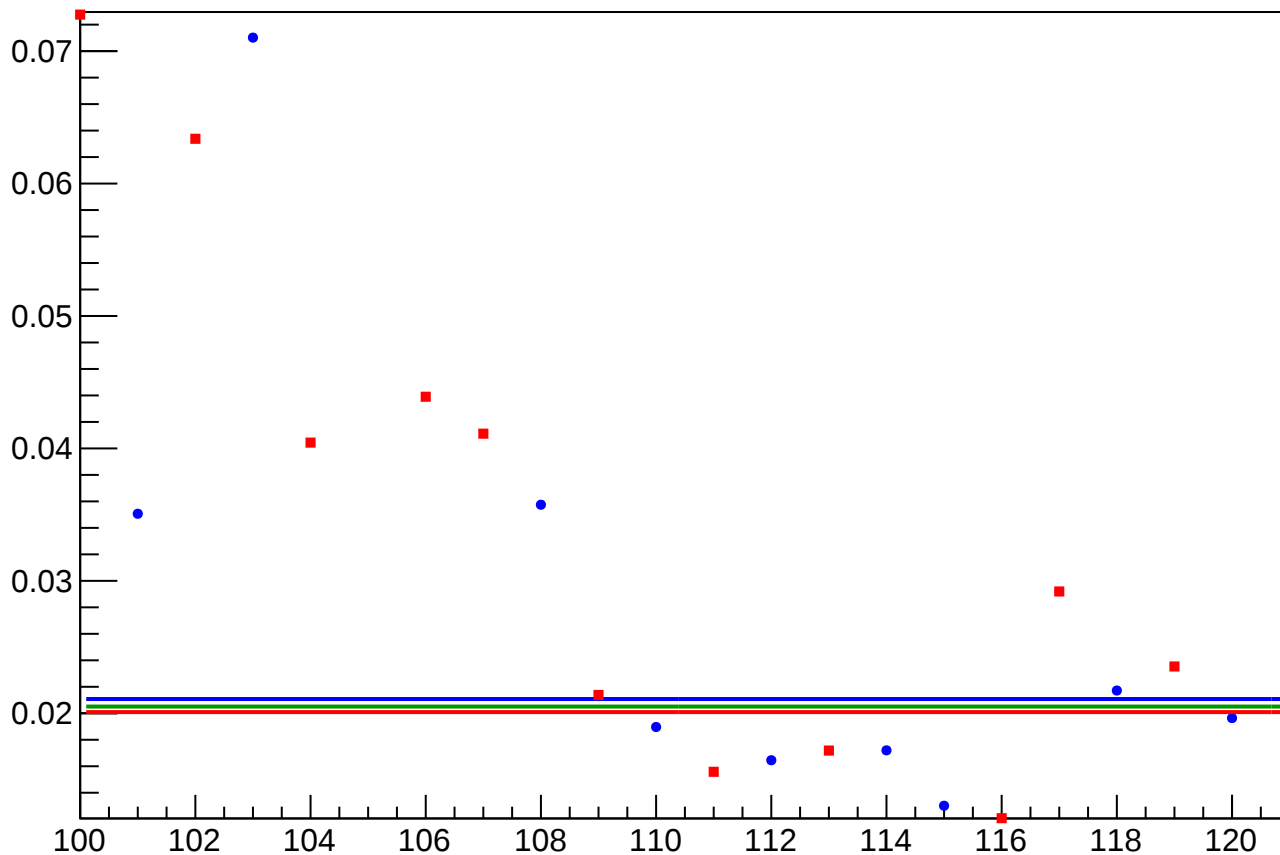
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.214+/-0.000 χ^2/NDF : 1227948.2/8

-0.224+/-0.000 χ^2/NDF : 13307730.5/20

-0.231+/-0.000 χ^2/NDF : 11120298.2/11

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.021+/-0.000 χ^2/NDF : 974194.0/8

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

Right Out: 0.020+/-0.000 χ^2/NDF : 1295402.1/11

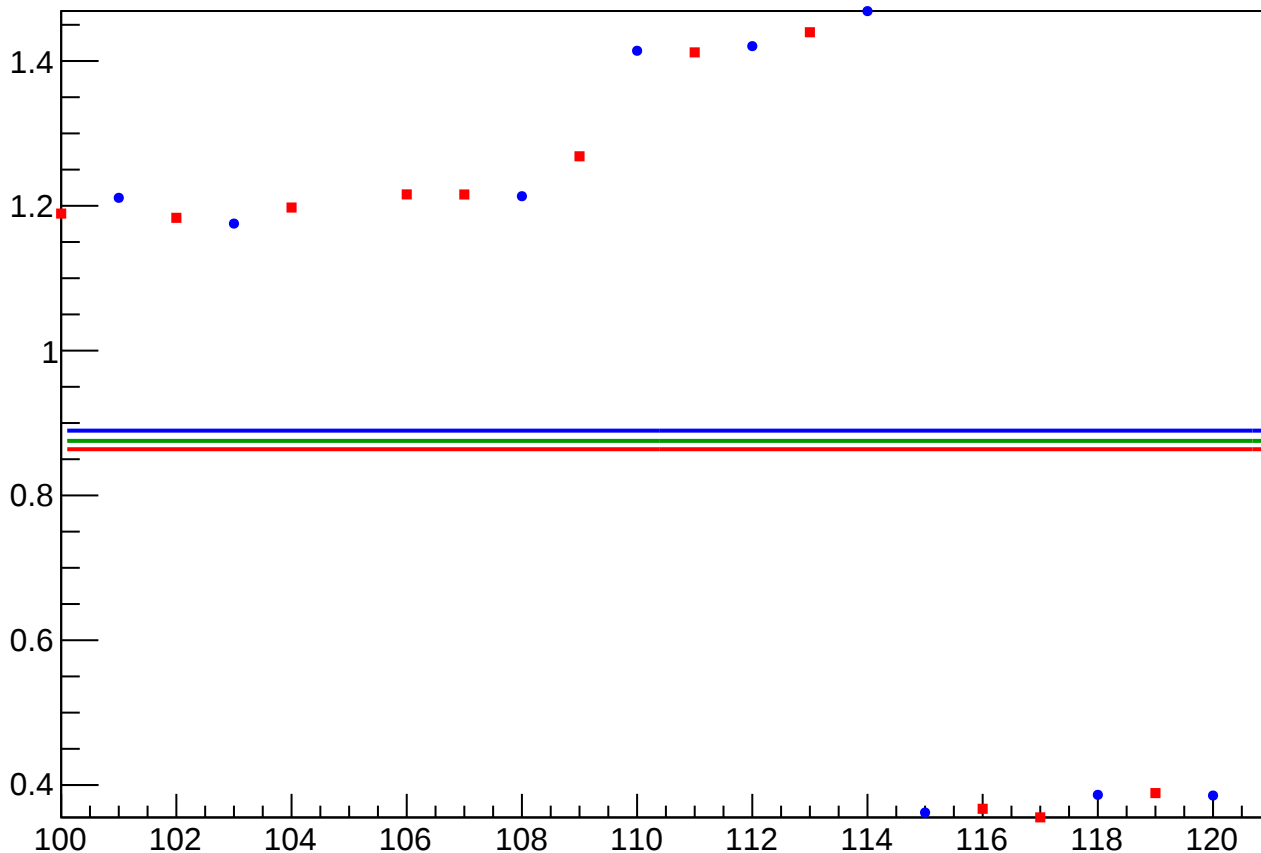
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.021+/-0.000 χ^2/NDF : 974194.0/8

0.021+/-0.000 χ^2/NDF : 2275786.3/20

0.020+/-0.000 χ^2/NDF : 1295402.1/11

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.889+/-0.000 χ^2/NDF : 2463416580.5/8

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

Right Out: 0.864+/-0.000 χ^2/NDF : 3132154138.3/11

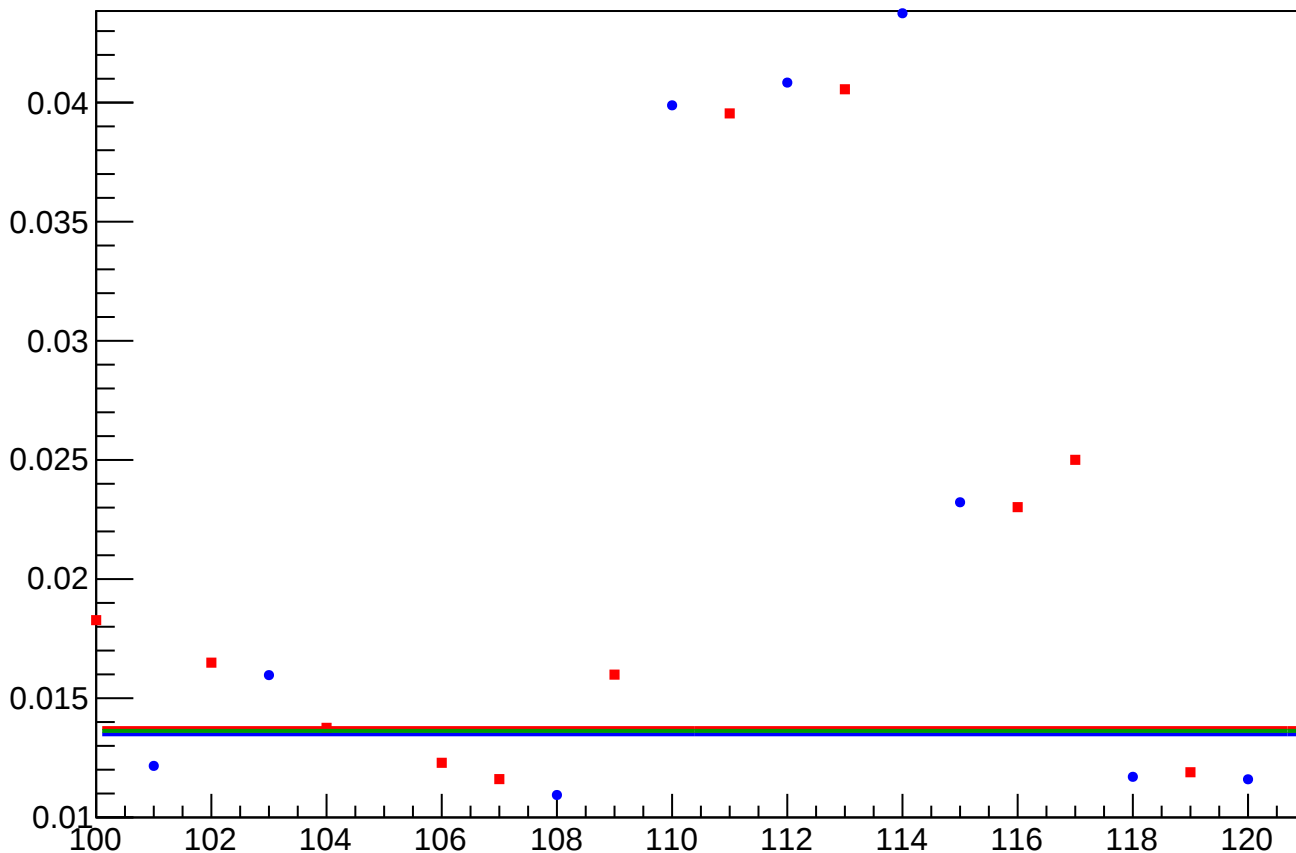
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.889+/-0.000 χ^2/NDF : 2463416580.5/8

0.875+/-0.000 χ^2/NDF : 5600937768.2/20

0.864+/-0.000 χ^2/NDF : 3132154138.3/11

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 935083.5/8

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

Right Out: 0.014+/-0.000 χ^2/NDF : 1018040.5/11

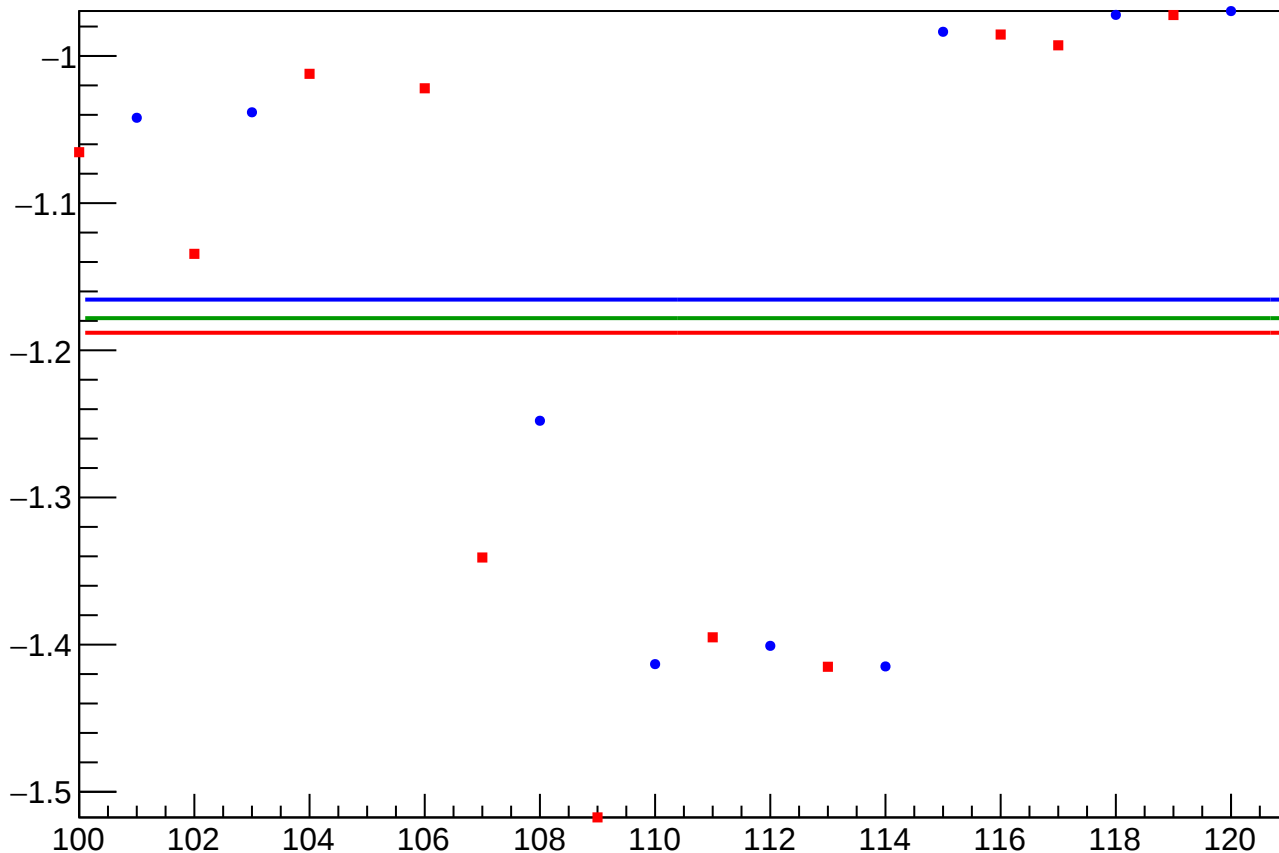
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 935083.5/8

0.014+/-0.000 χ^2/NDF : 1954223.9/20

0.014+/-0.000 χ^2/NDF : 1018040.5/11

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.166+/-0.000 χ^2/NDF : 165104349.4/8

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

Right Out: -1.188+/-0.000 χ^2/NDF : 250592875.1/11

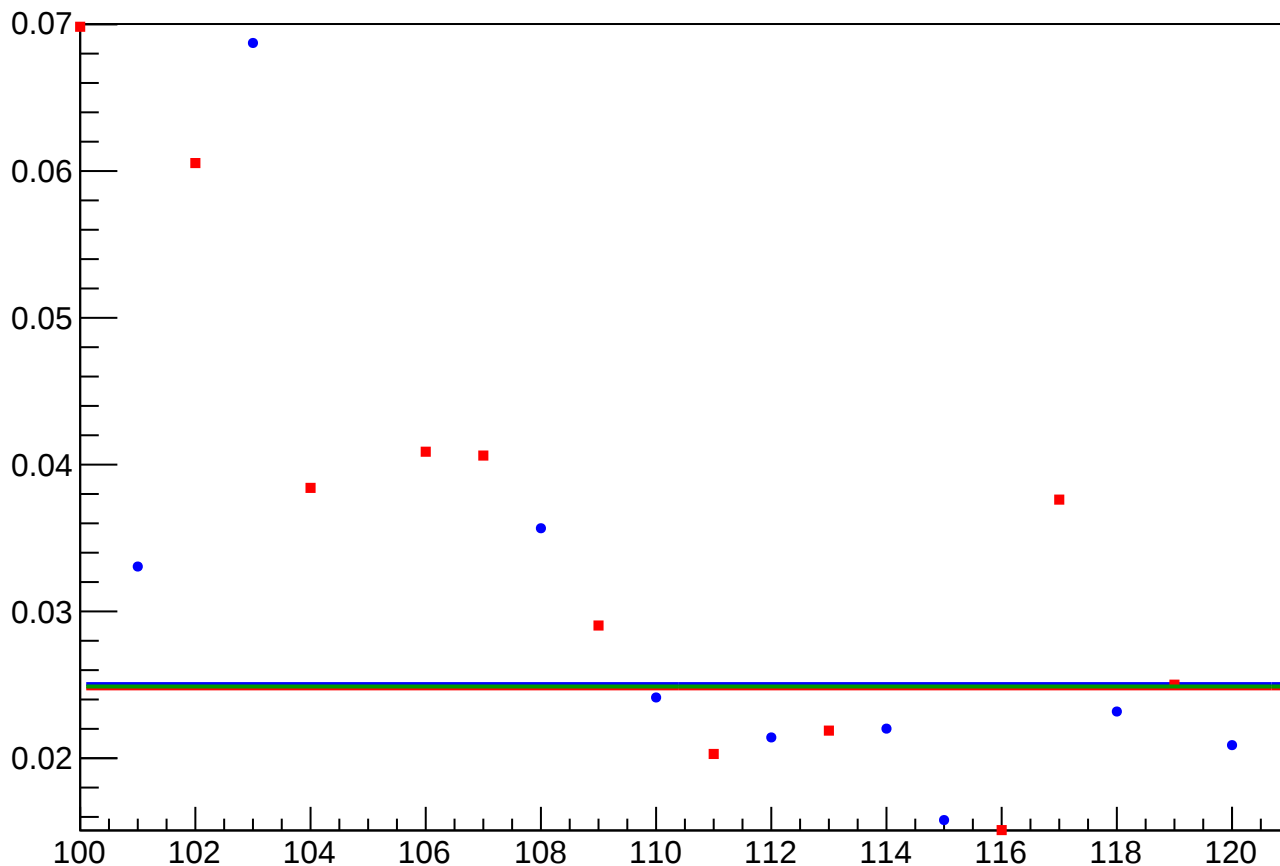
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.166+/-0.000 χ^2/NDF : 165104349.4/8

-1.178+/-0.000 χ^2/NDF : 416861873.2/20

-1.188+/-0.000 χ^2/NDF : 250592875.1/11

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.025+/-0.000 χ^2/NDF : 678948.3/8

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

Right Out: 0.025+/-0.000 χ^2/NDF : 905555.3/11

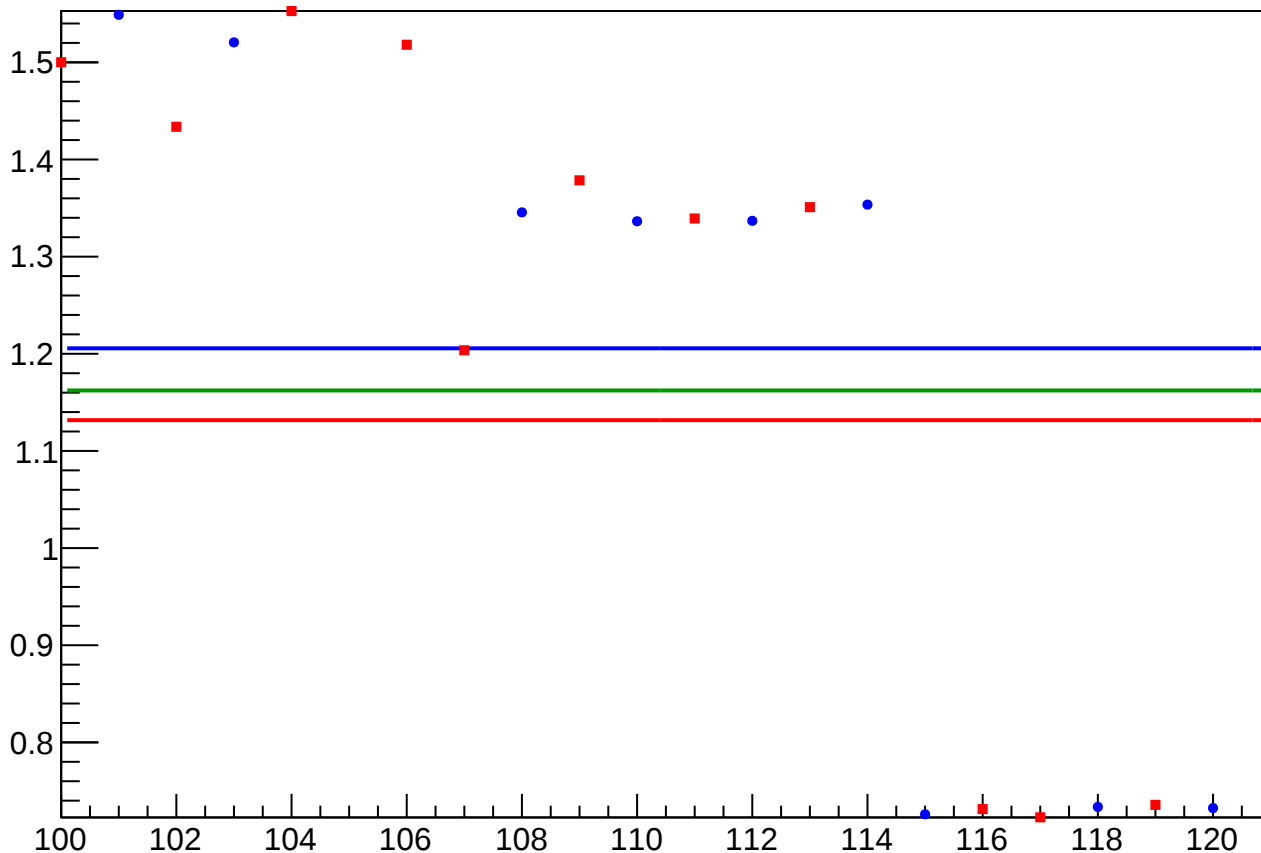
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.025+/-0.000 χ^2/NDF : 678948.3/8

0.025+/-0.000 χ^2/NDF : 1584892.2/20

0.025+/-0.000 χ^2/NDF : 905555.3/11

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.206+/-0.000 χ^2/NDF : 1127901480.6/8

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

Right Out: 1.132+/-0.000 χ^2/NDF : 1492917119.6/11

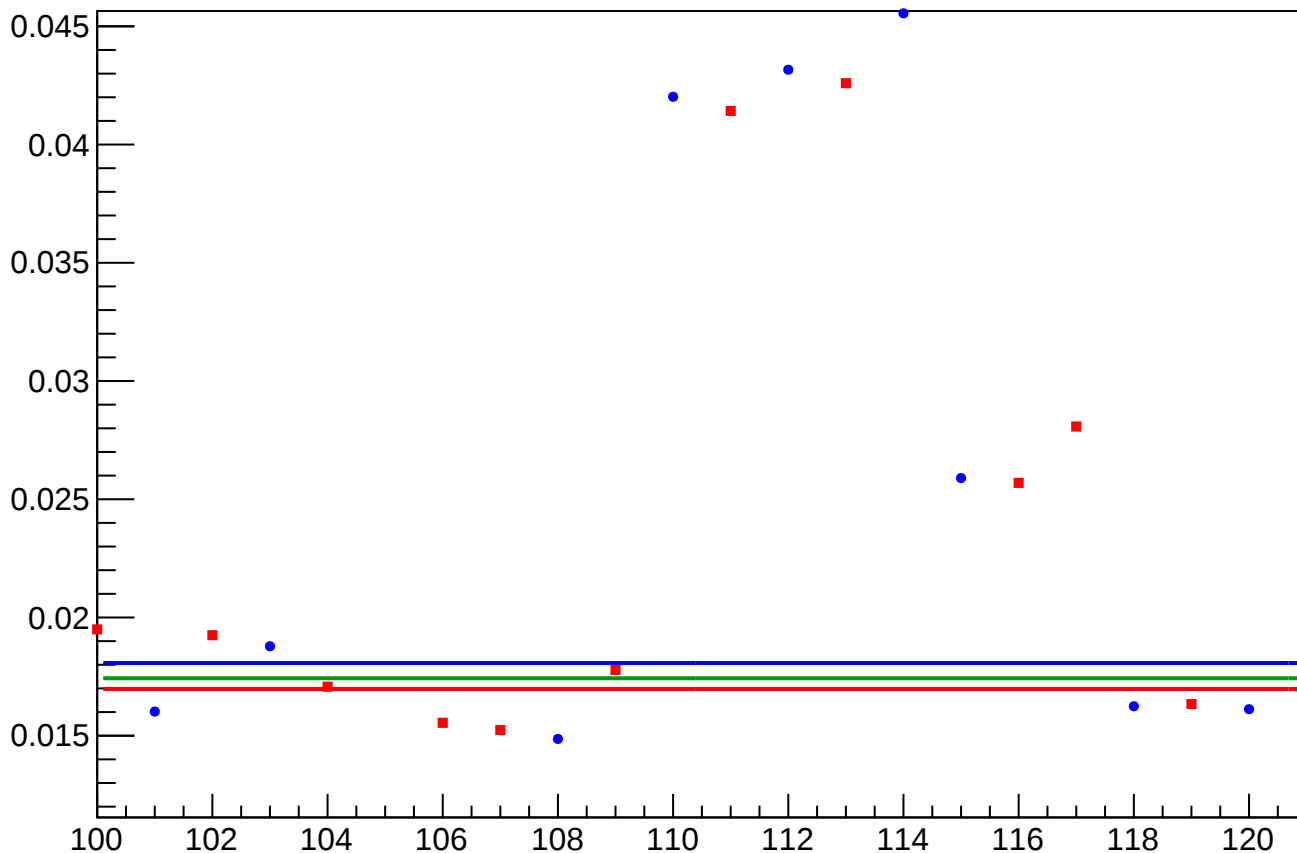
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.206+/-0.000 χ^2/NDF : 1127901480.6/8

1.162+/-0.000 χ^2/NDF : 2648582620.7/20

1.132+/-0.000 χ^2/NDF : 1492917119.6/11

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 682105.8/8

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

Right Out: 0.017+/-0.000 χ^2/NDF : 858378.6/11

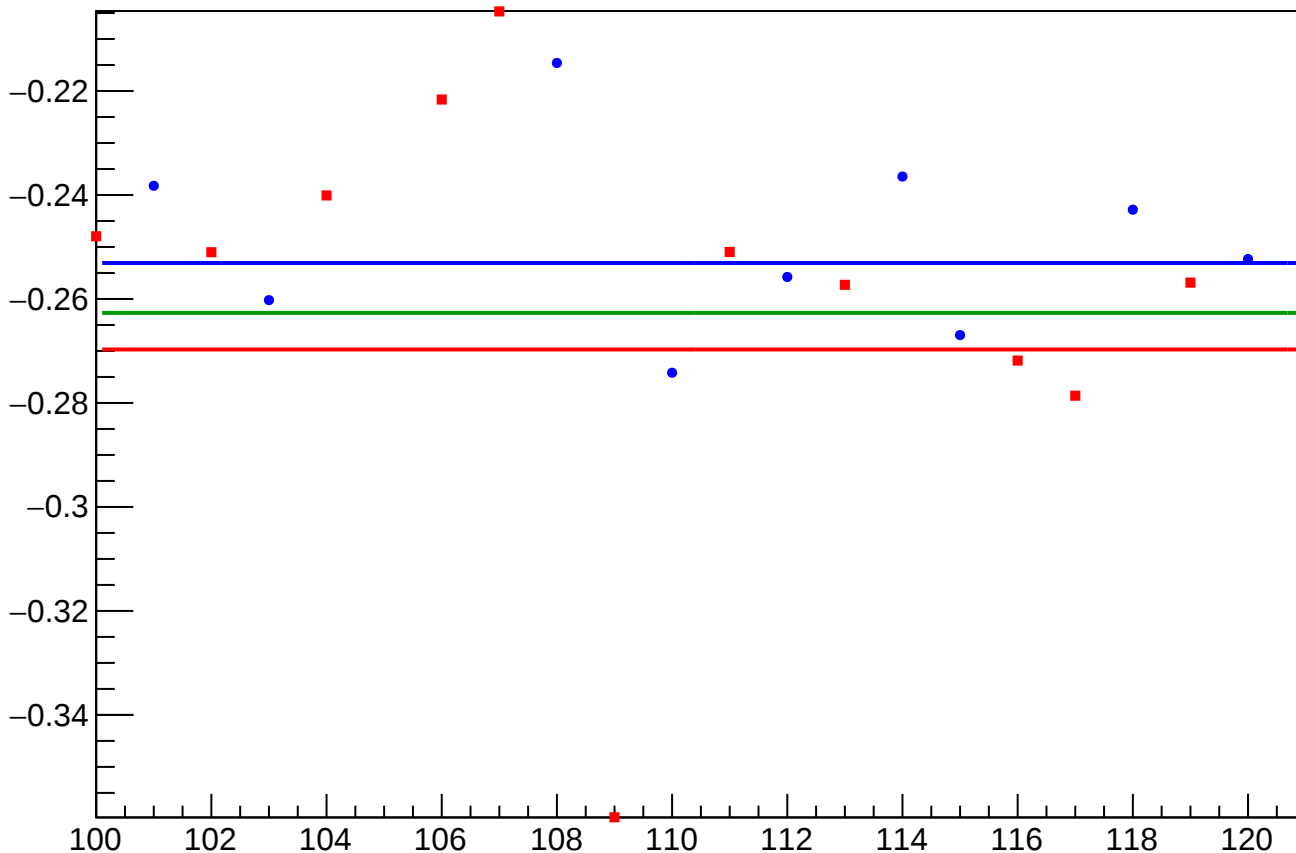
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.018+/-0.000 χ^2/NDF : 682105.8/8

0.017+/-0.000 χ^2/NDF : 1552692.2/20

0.017+/-0.000 χ^2/NDF : 858378.6/11

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.253+/-0.000 χ^2/NDF : 1097760.6/8

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

Right Out: -0.270+/-0.000 χ^2/NDF : 9722114.1/11

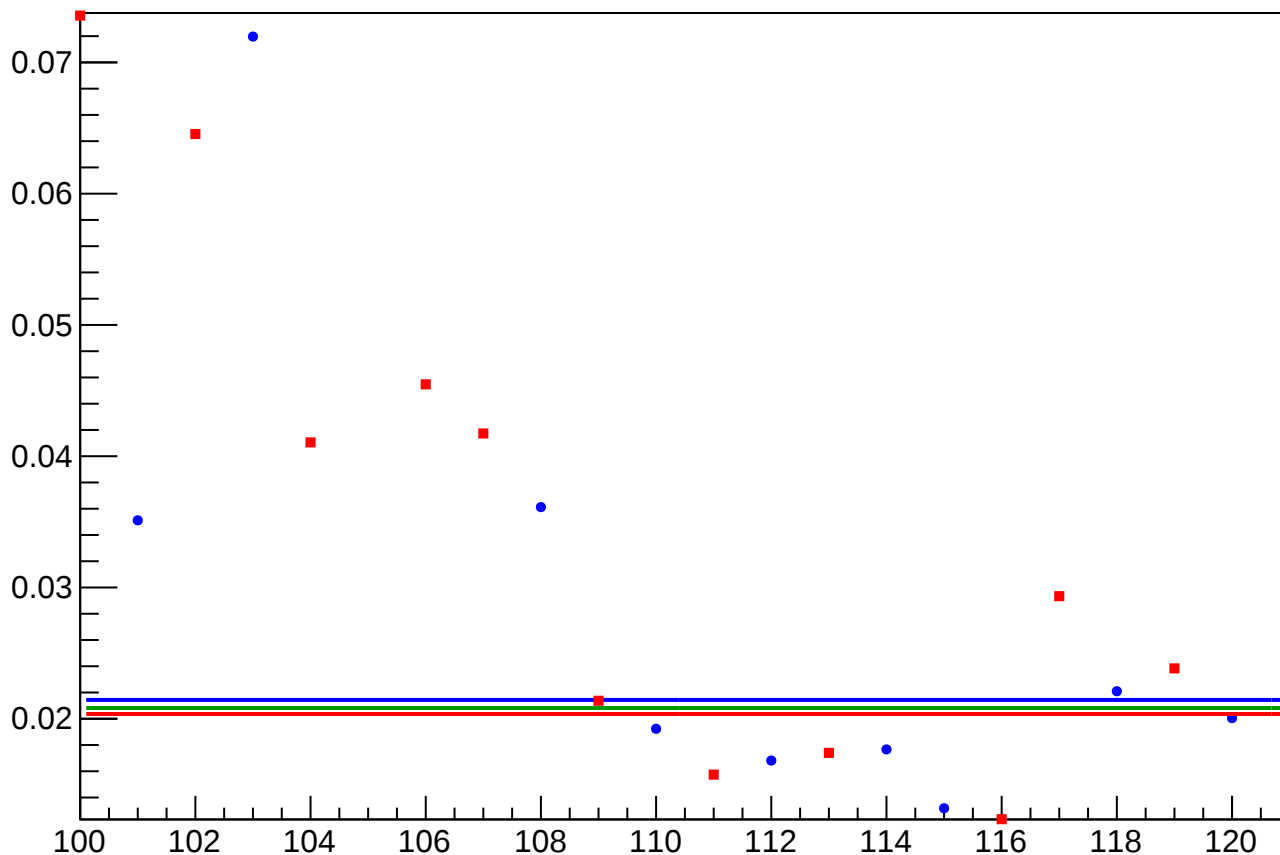
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.253+/-0.000 χ^2/NDF : 1097760.6/8

-0.263+/-0.000 χ^2/NDF : 11670122.6/20

-0.270+/-0.000 χ^2/NDF : 9722114.1/11

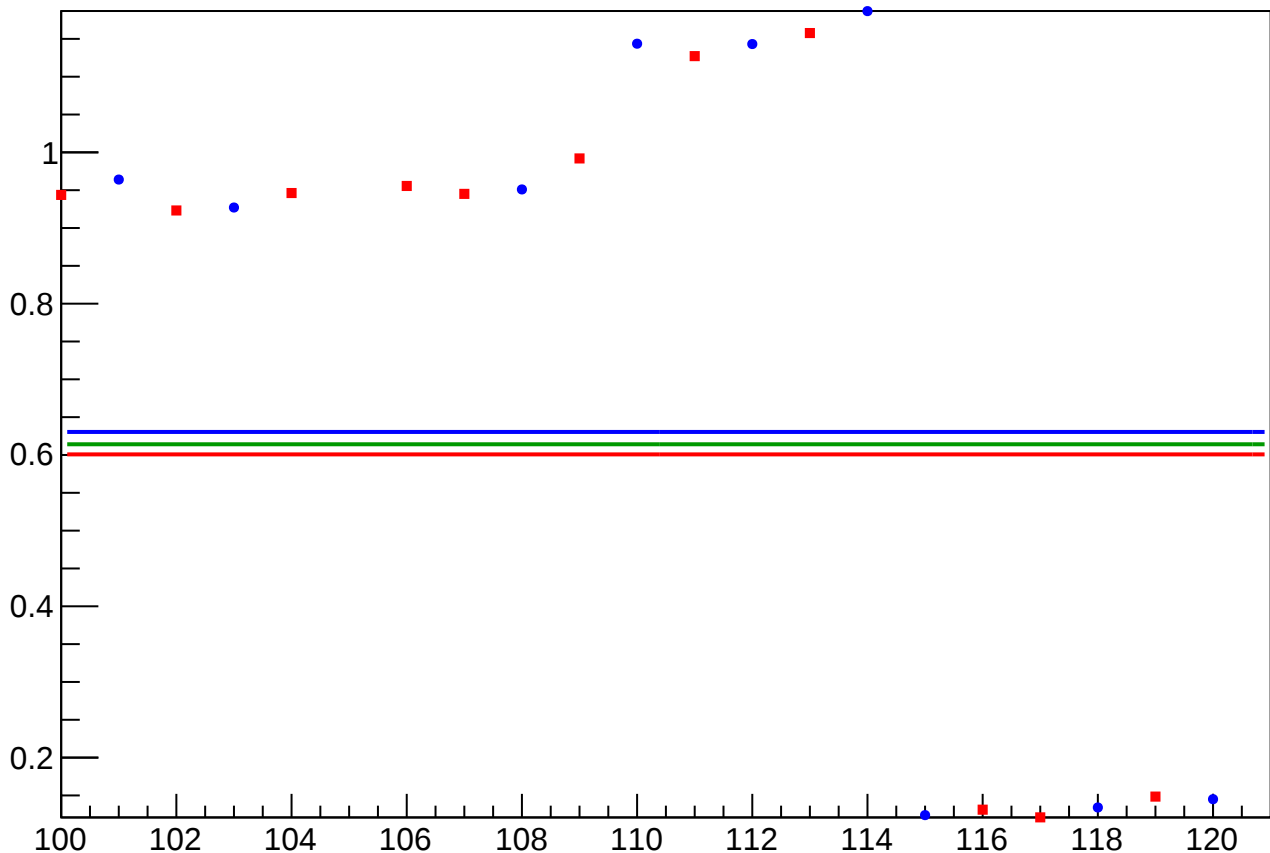
yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.021+/-0.000 χ^2/NDF : 959226.9/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.020+/-0.000 χ^2/NDF : 1300520.0/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.021+/-0.000 χ^2/NDF : 959226.9/8
 0.021+/-0.000 χ^2/NDF : 2266802.4/20
 0.020+/-0.000 χ^2/NDF : 1300520.0/11

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.630+/-0.000 χ^2/NDF : 2470938000.3/8

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

Right Out: 0.601+/-0.000 χ^2/NDF : 3007945379.3/11

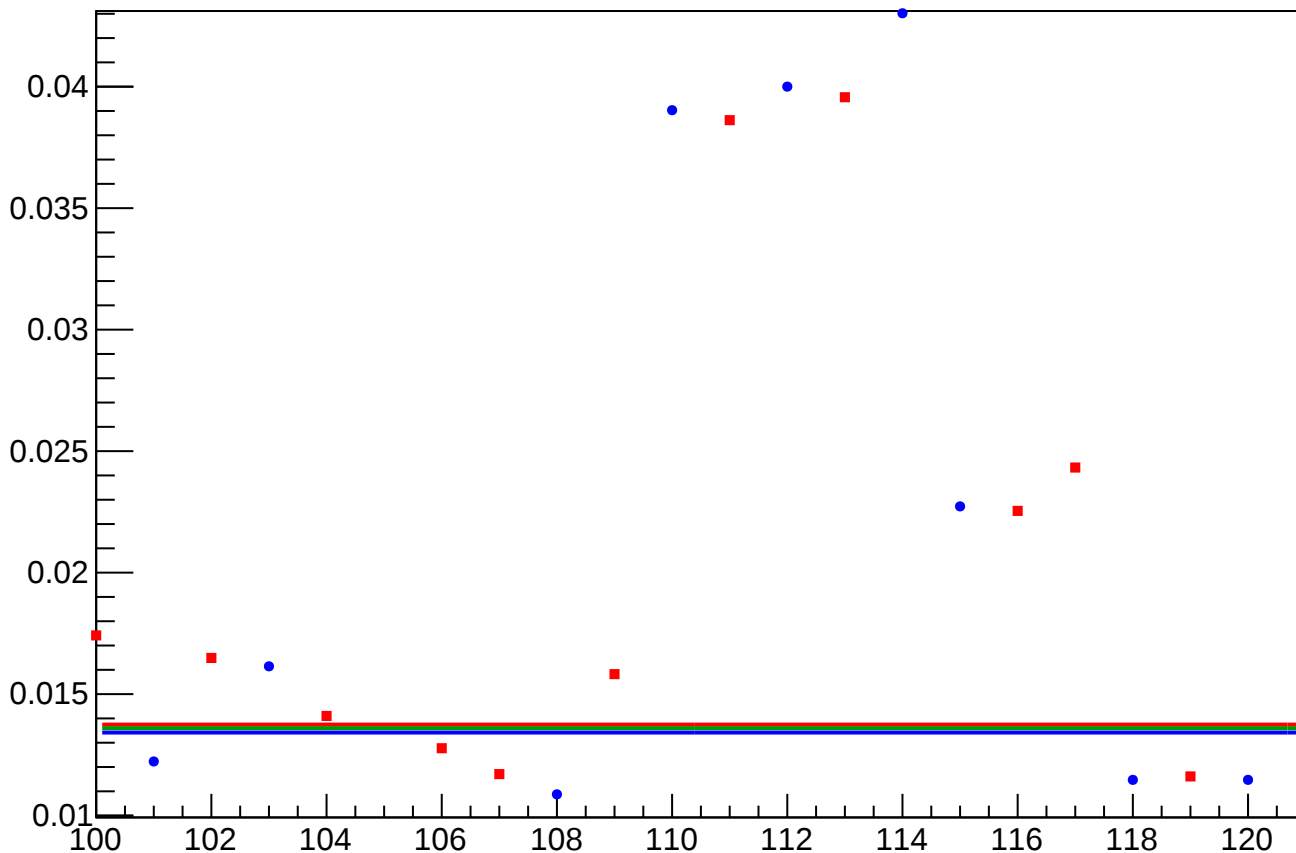
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.630+/-0.000 χ^2/NDF : 2470938000.3/8

0.614+/-0.000 χ^2/NDF : 5486116525.5/20

0.601+/-0.000 χ^2/NDF : 3007945379.3/11

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 930841.4/8

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

Right Out: 0.014+/-0.000 χ^2/NDF : 998970.9/11

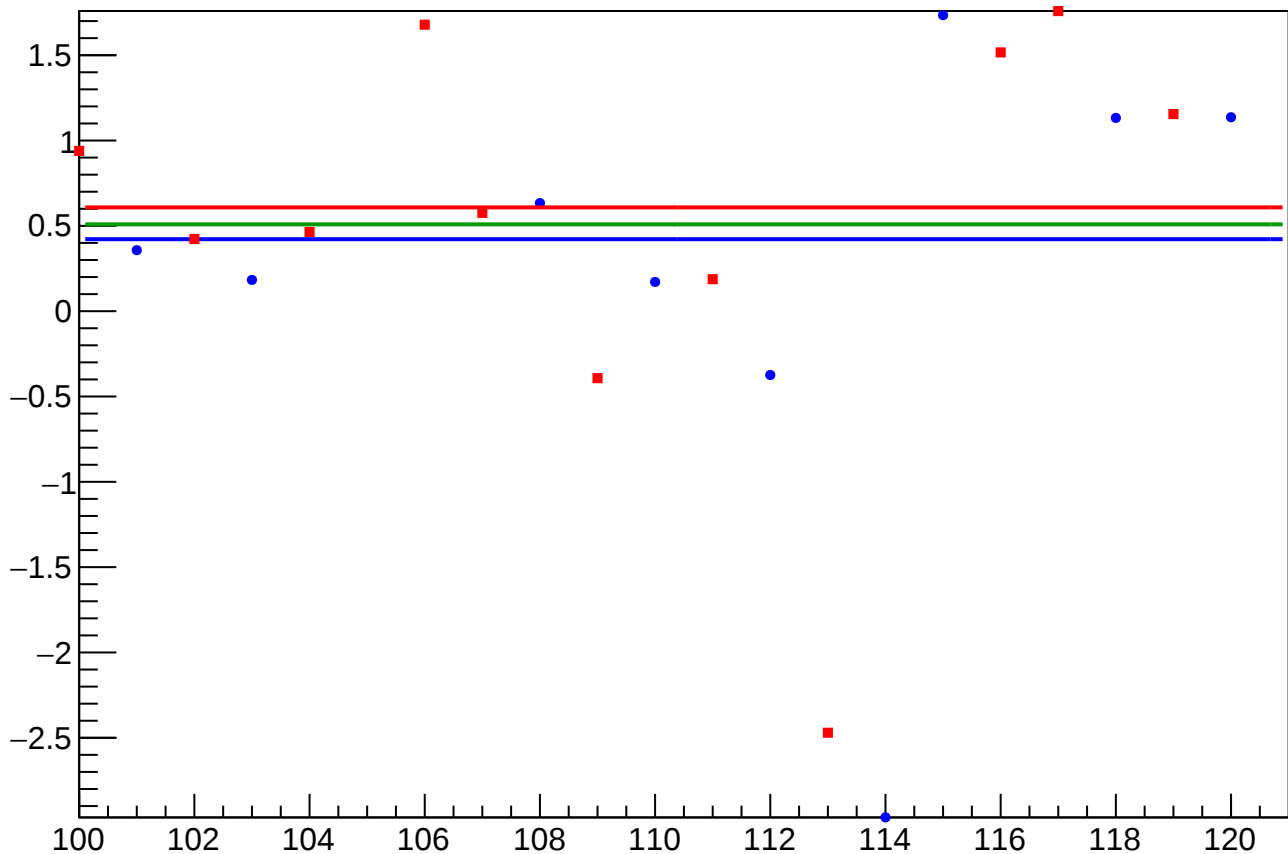
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 930841.4/8

0.014+/-0.000 χ^2/NDF : 1931566.4/20

0.014+/-0.000 χ^2/NDF : 998970.9/11

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.422+/-0.000 χ^2/NDF : 184092363.5/8

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

Right Out: 0.608+/-0.000 χ^2/NDF : 875416843.5/11

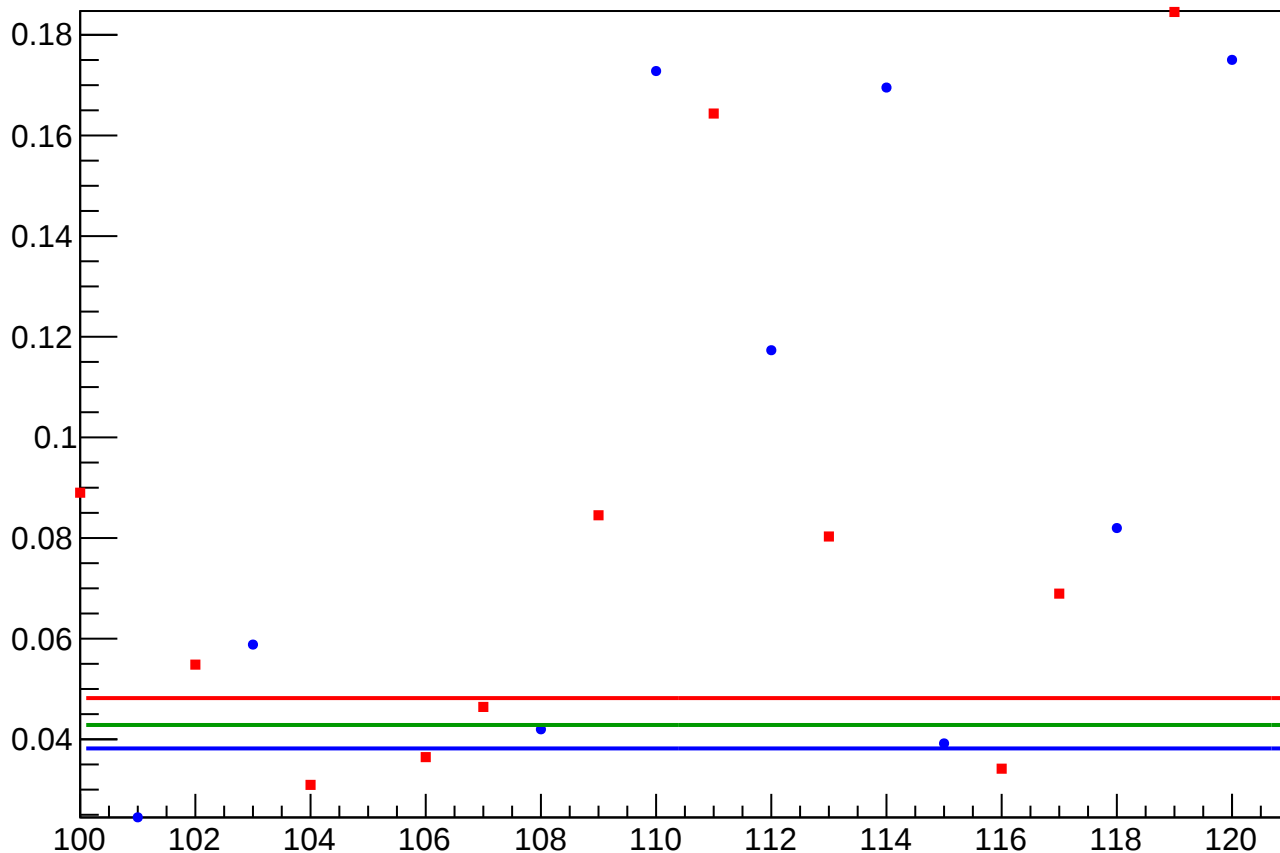
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.422+/-0.000 χ^2/NDF : 184092363.5/8

0.509+/-0.000 χ^2/NDF : 1080212521.1/20

0.608+/-0.000 χ^2/NDF : 875416843.5/11

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.038+/-0.000 χ^2/NDF : 1796692.6/8

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

Right Out: 0.048+/-0.000 χ^2/NDF : 1653883.7/11

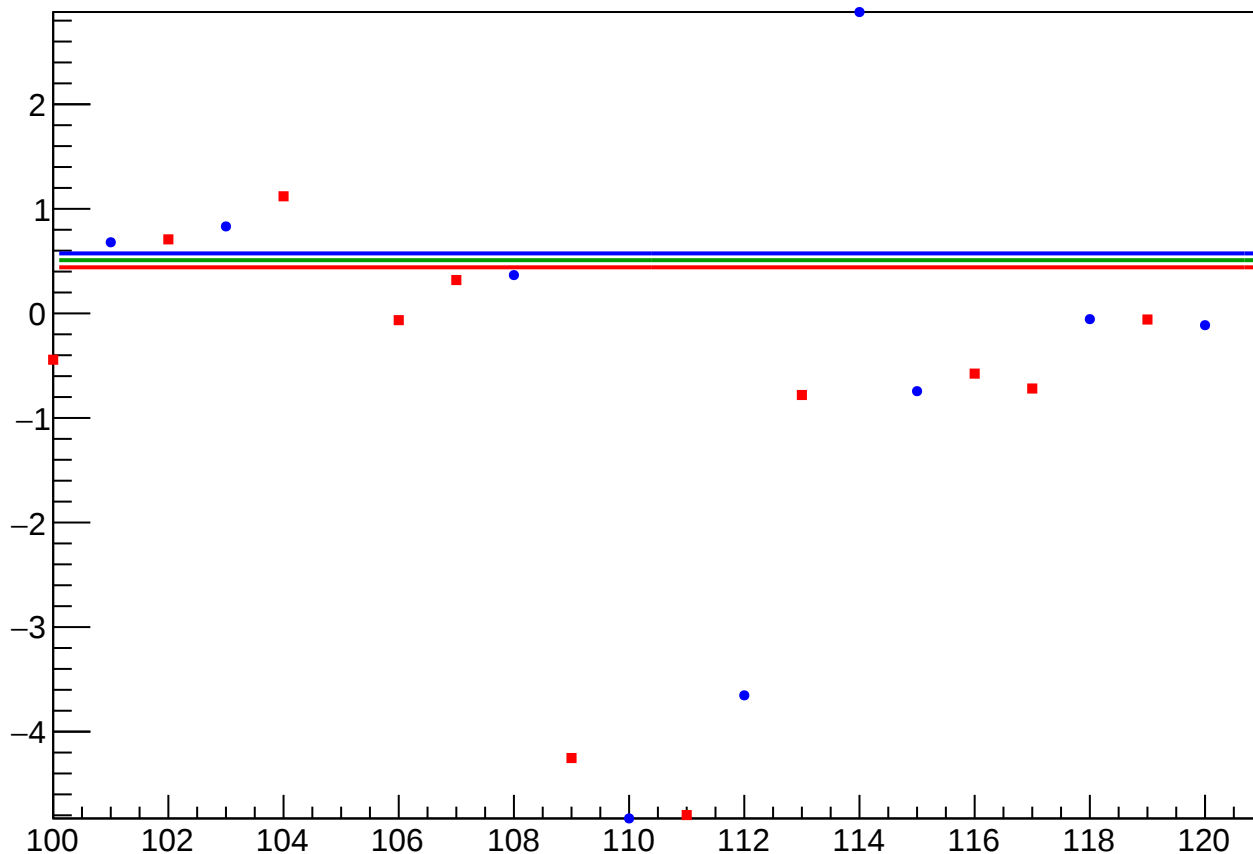
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.038+/-0.000 χ^2/NDF : 1796692.6/8

0.043+/-0.000 χ^2/NDF : 3569810.7/20

0.048+/-0.000 χ^2/NDF : 1653883.7/11

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.574+/-0.000 χ^2/NDF : 1602285550.1/8

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

Right Out: 0.441+/-0.000 χ^2/NDF : 3676859375.7/11

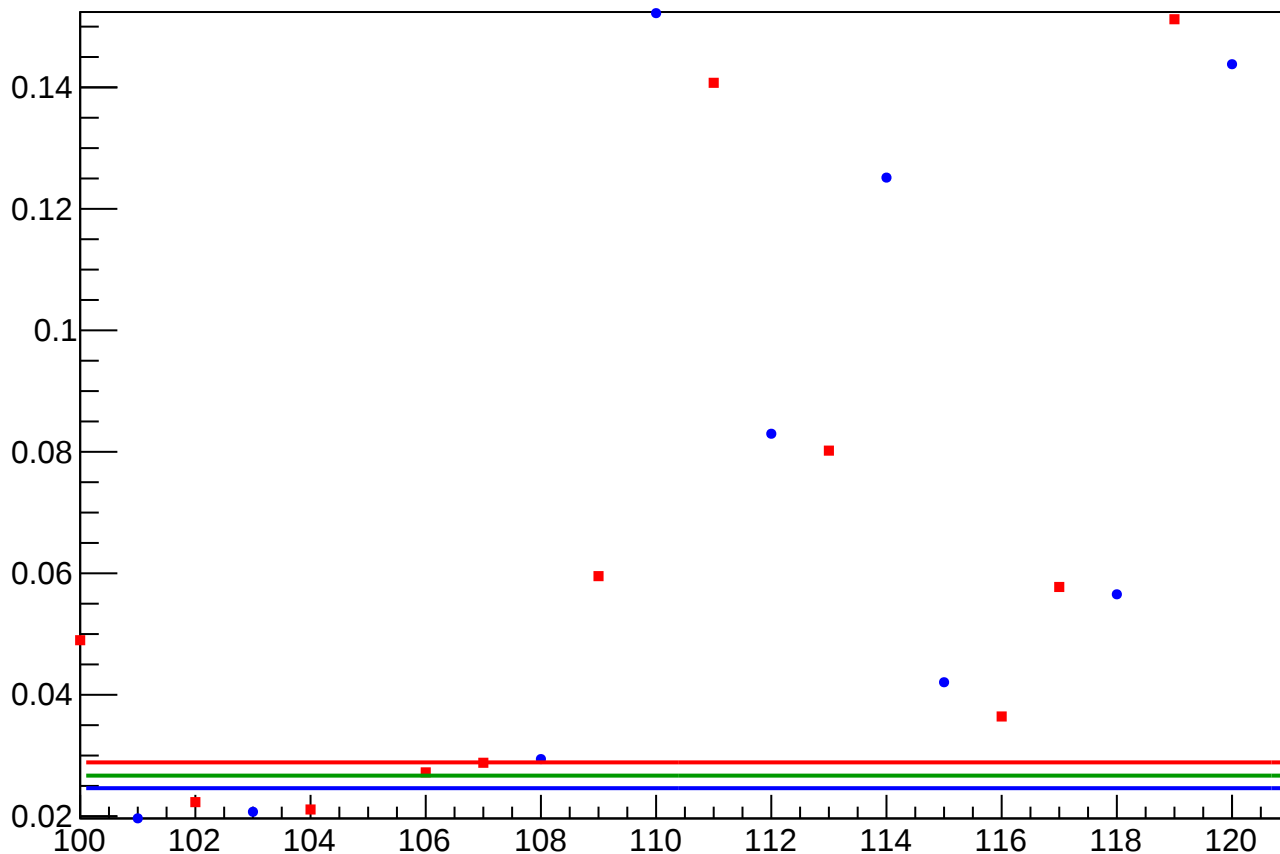
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.574+/-0.000 χ^2/NDF : 1602285550.1/8

0.509+/-0.000 χ^2/NDF : 5306324176.8/20

0.441+/-0.000 χ^2/NDF : 3676859375.7/11

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.025+/-0.000 χ^2/NDF : 1594778.2/8

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

Right Out: 0.029+/-0.000 χ^2/NDF : 2072228.7/11

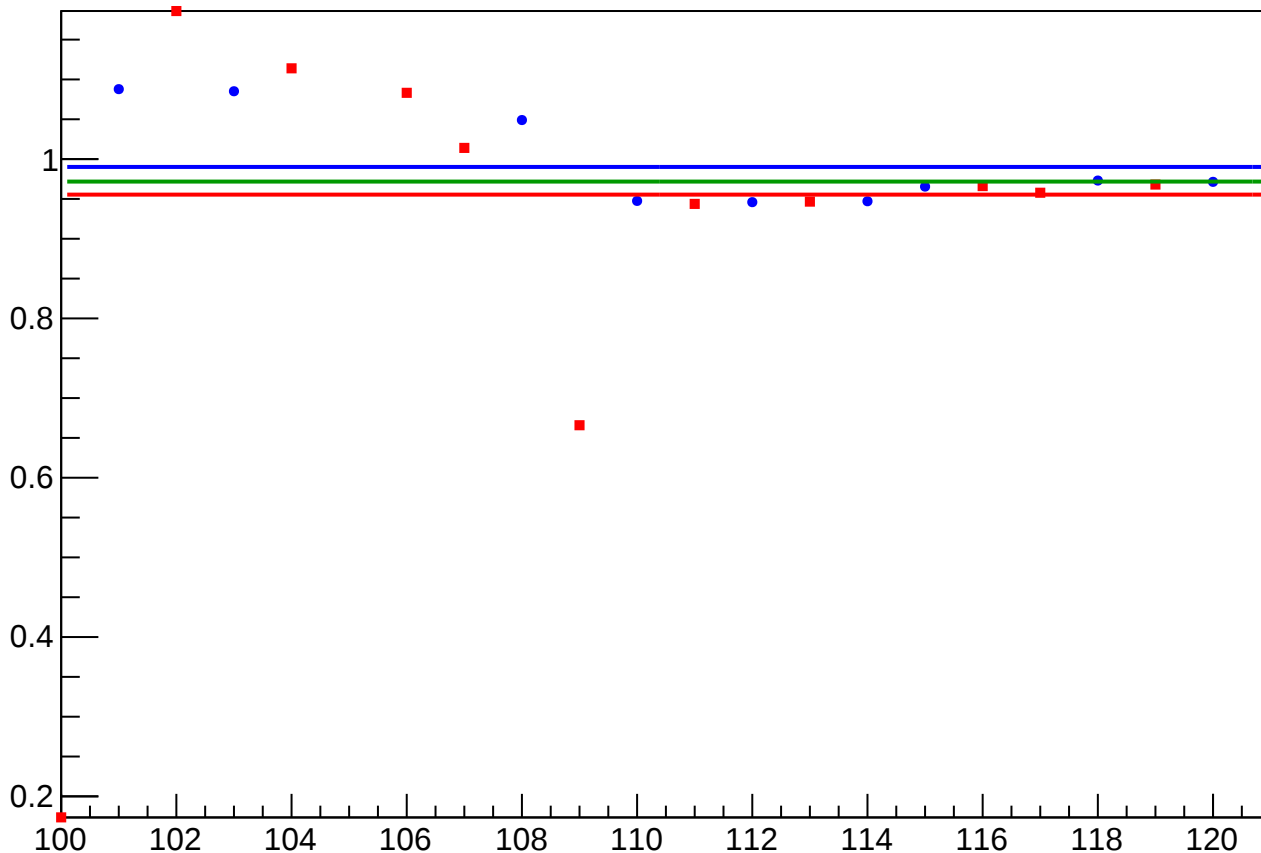
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.025+/-0.000 χ^2/NDF : 1594778.2/8

0.027+/-0.000 χ^2/NDF : 3722459.6/20

0.029+/-0.000 χ^2/NDF : 2072228.7/11

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.990+/-0.000 χ^2/NDF : 40520993.7/8

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

Right Out: 0.955+/-0.000 χ^2/NDF : 265133072.7/11

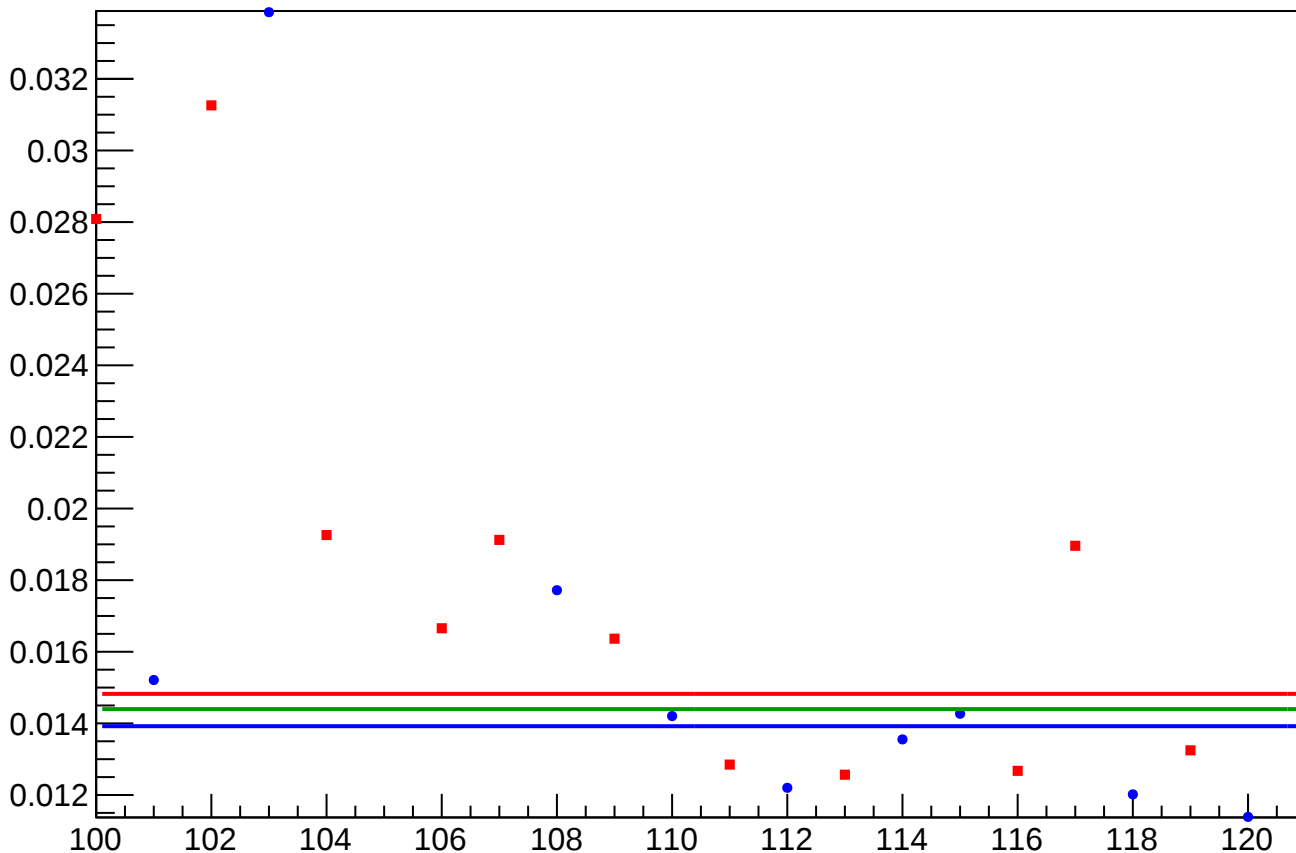
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.990+/-0.000 χ^2/NDF : 40520993.7/8

0.972+/-0.000 χ^2/NDF : 314851223.3/20

0.955+/-0.000 χ^2/NDF : 265133072.7/11

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 463787.3/8

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

Right Out: 0.015+/-0.000 χ^2/NDF : 468597.7/11

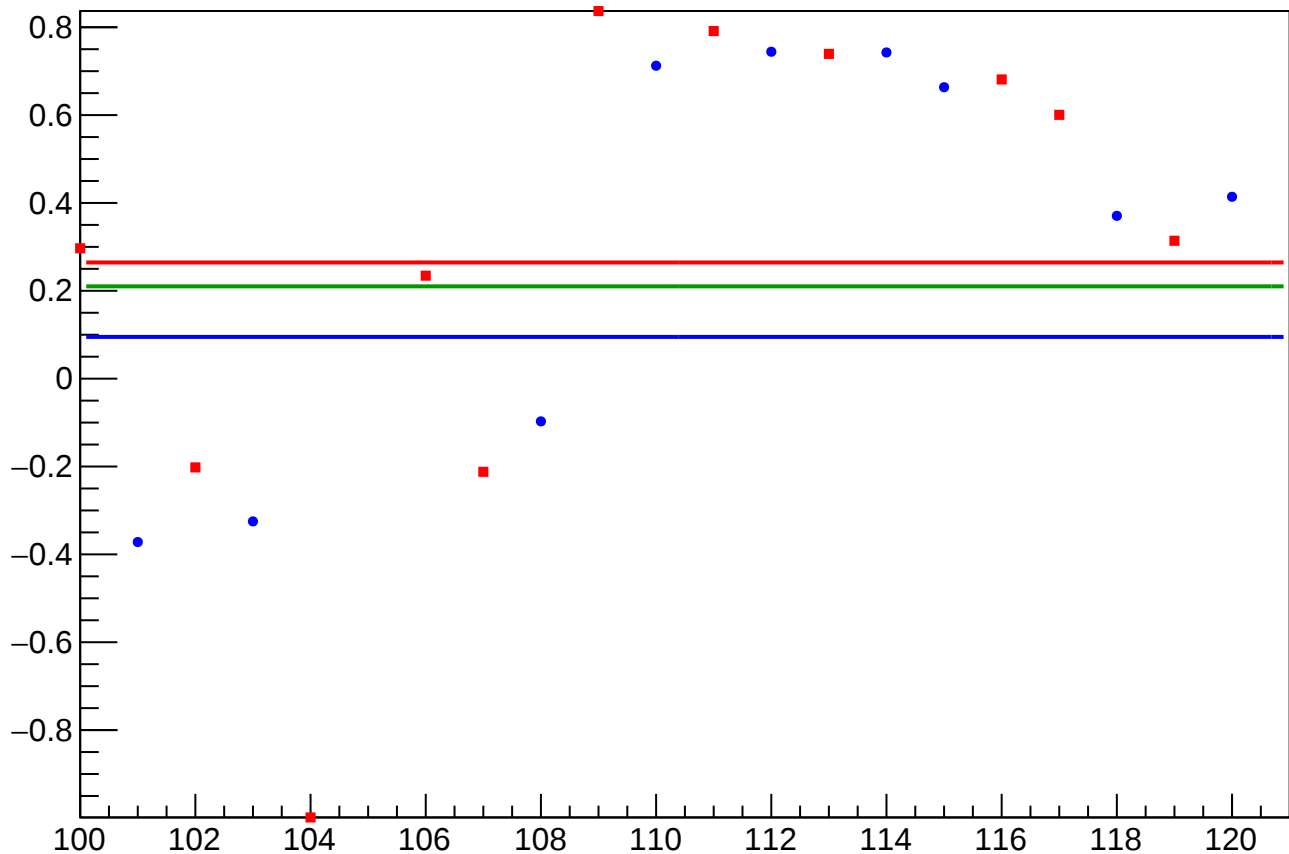
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 463787.3/8

0.014+/-0.000 χ^2/NDF : 944797.4/20

0.015+/-0.000 χ^2/NDF : 468597.7/11

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: 0.095+/-0.000 χ^2/NDF : 1785897104.8/8

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

Right Out: 0.265+/-0.000 χ^2/NDF : 7948592678.4/11

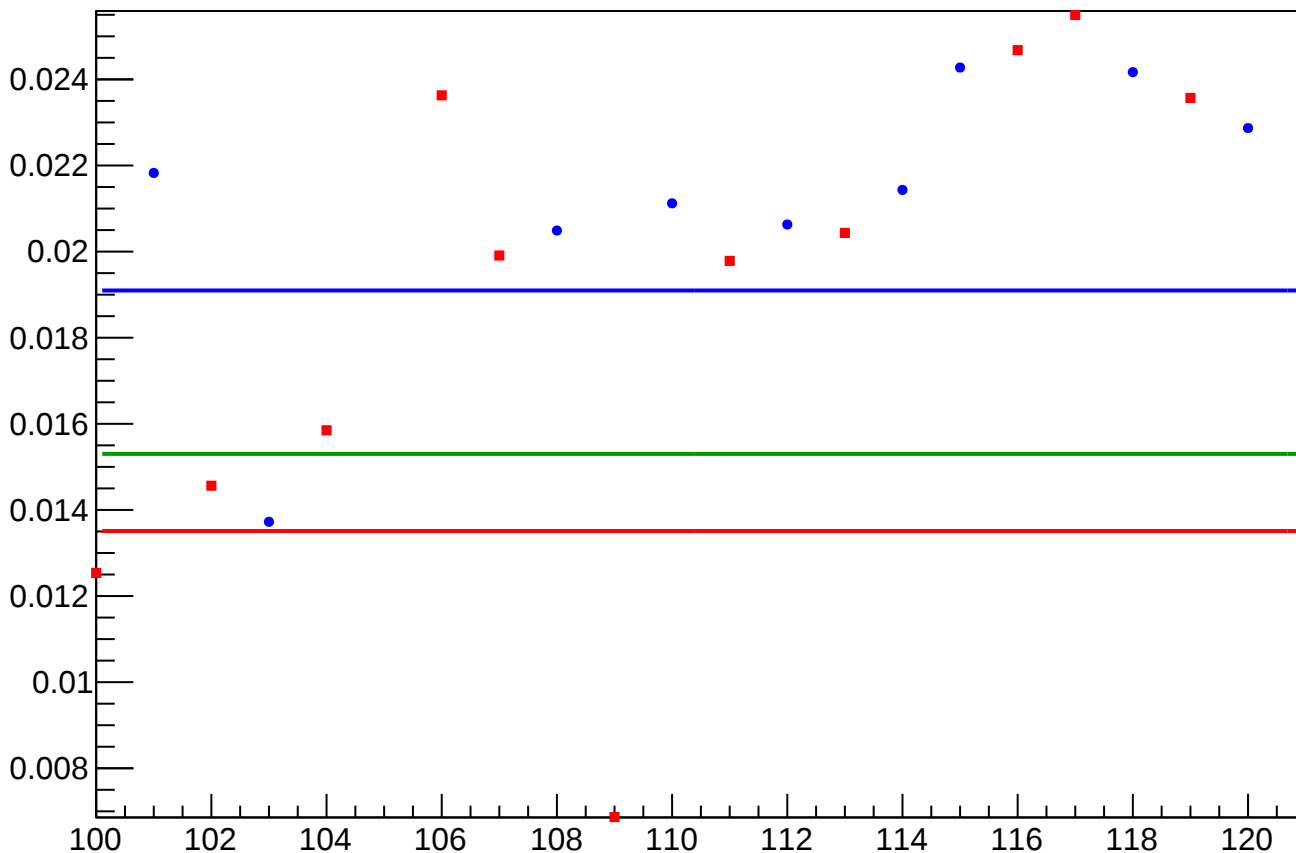
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.095+/-0.000 χ^2/NDF : 1785897104.8/8

0.210+/-0.000 χ^2/NDF : 9894497045.8/20

0.265+/-0.000 χ^2/NDF : 7948592678.4/11

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 264666.9/8

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

Right Out: 0.014+/-0.000 χ^2/NDF : 1261954.4/11

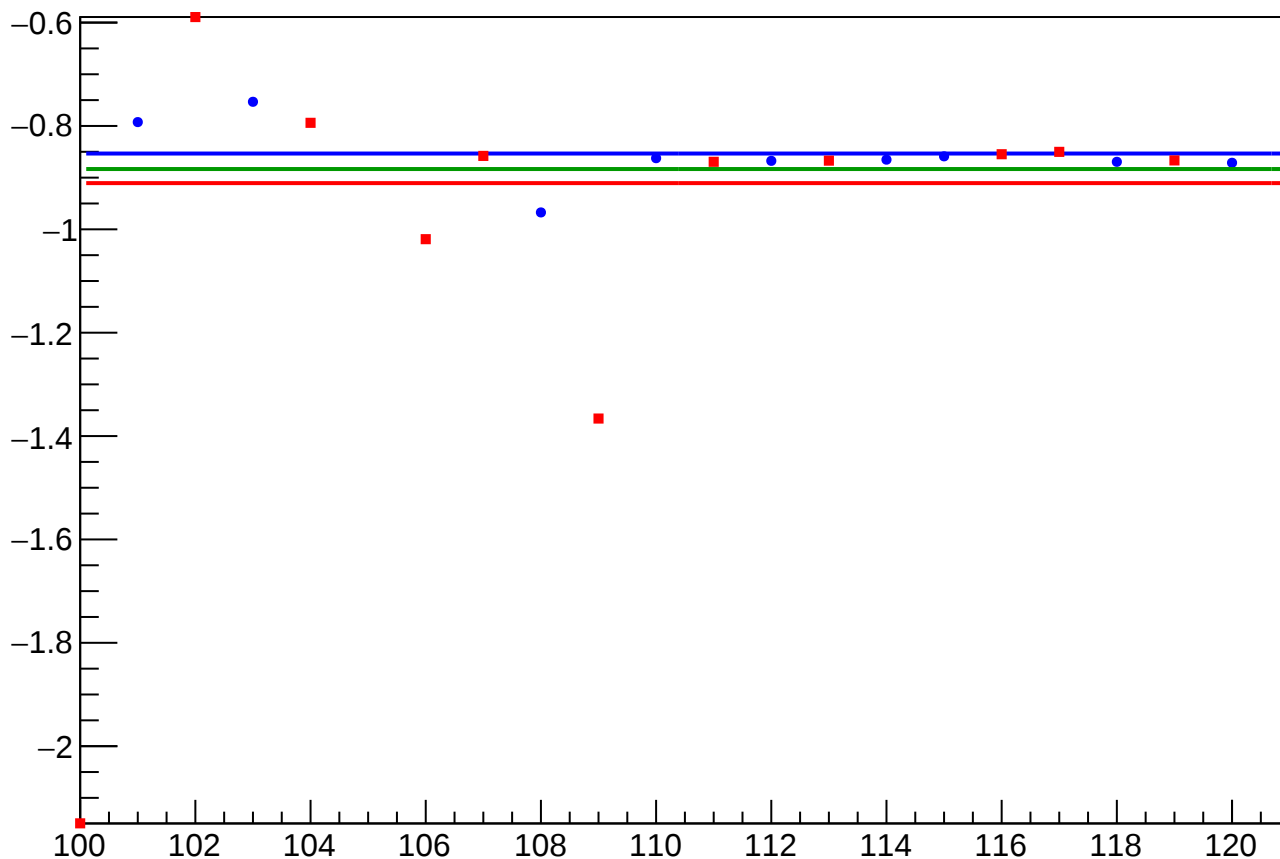
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.019+/-0.000 χ^2/NDF : 264666.9/8

0.015+/-0.000 χ^2/NDF : 1874348.7/20

0.014+/-0.000 χ^2/NDF : 1261954.4/11

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.853+/-0.000 χ^2/NDF : 6236231.5/8

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

Right Out: -0.911+/-0.000 χ^2/NDF : 109069237.3/11

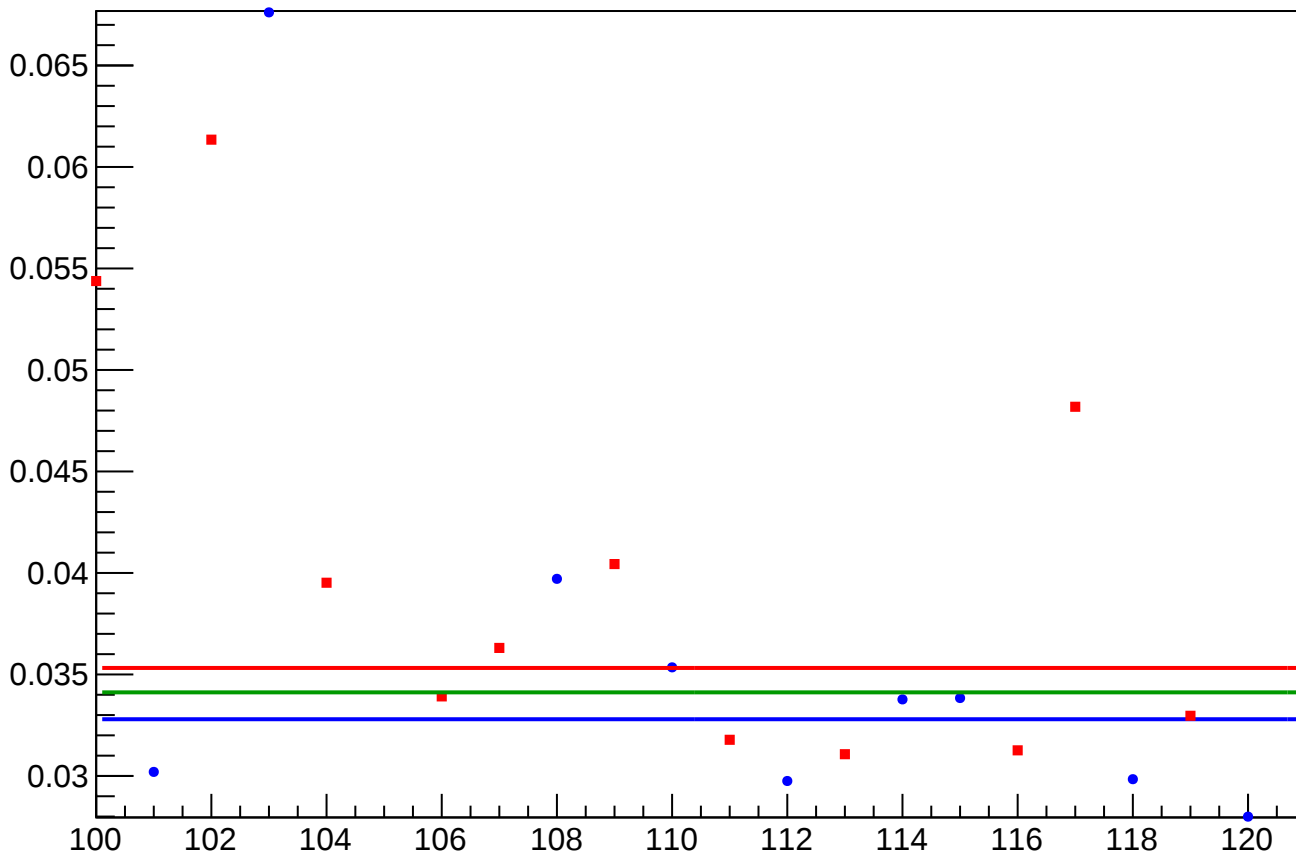
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.853+/-0.000 χ^2/NDF : 6236231.5/8

-0.883+/-0.000 χ^2/NDF : 119837188.7/20

-0.911+/-0.000 χ^2/NDF : 109069237.3/11

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.033+/-0.000 χ^2/NDF : 334216.8/8

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

Right Out: 0.035+/-0.000 χ^2/NDF : 261691.0/11

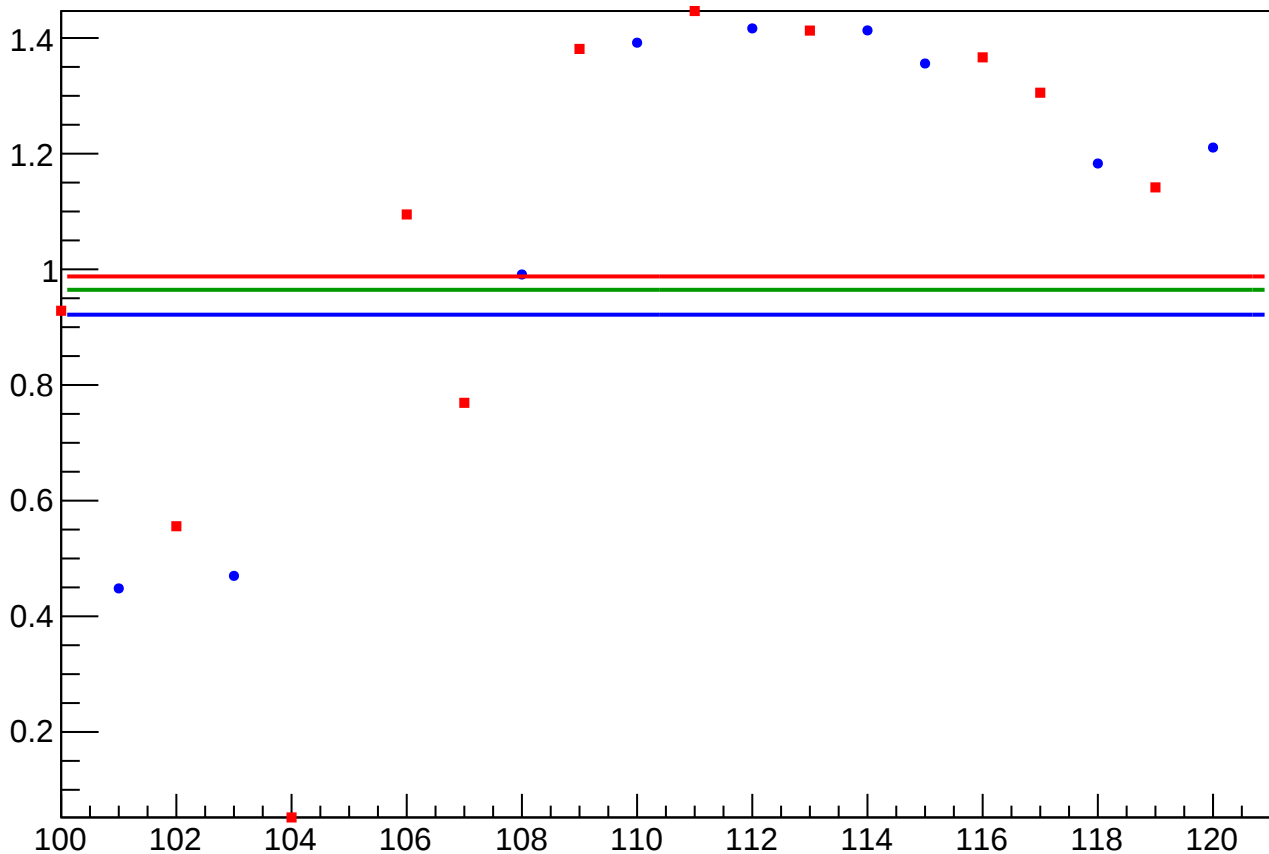
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.033+/-0.000 χ^2/NDF : 334216.8/8

0.034+/-0.000 χ^2/NDF : 613561.3/20

0.035+/-0.000 χ^2/NDF : 261691.0/11

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.922+/-0.000 χ^2/NDF : 2988857716.8/8

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

Right Out: 0.988+/-0.000 χ^2/NDF : 7179451973.2/11

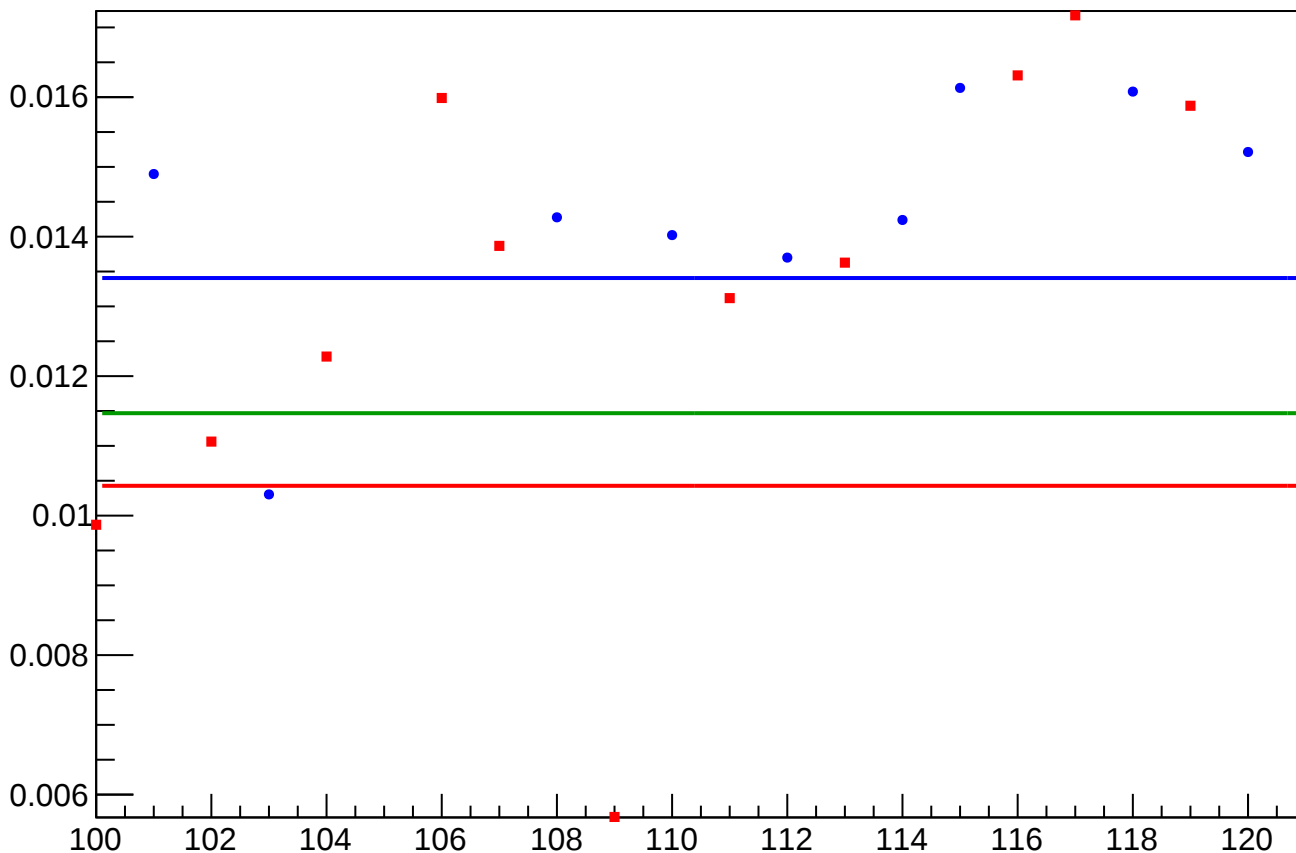
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.922+/-0.000 χ^2/NDF : 2988857716.8/8

0.965+/-0.000 χ^2/NDF : 10216203247.0/2

0.988+/-0.000 χ^2/NDF : 7179451973.2/11

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 153356.6/8

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

Right Out: 0.010+/-0.000 χ^2/NDF : 842538.4/11

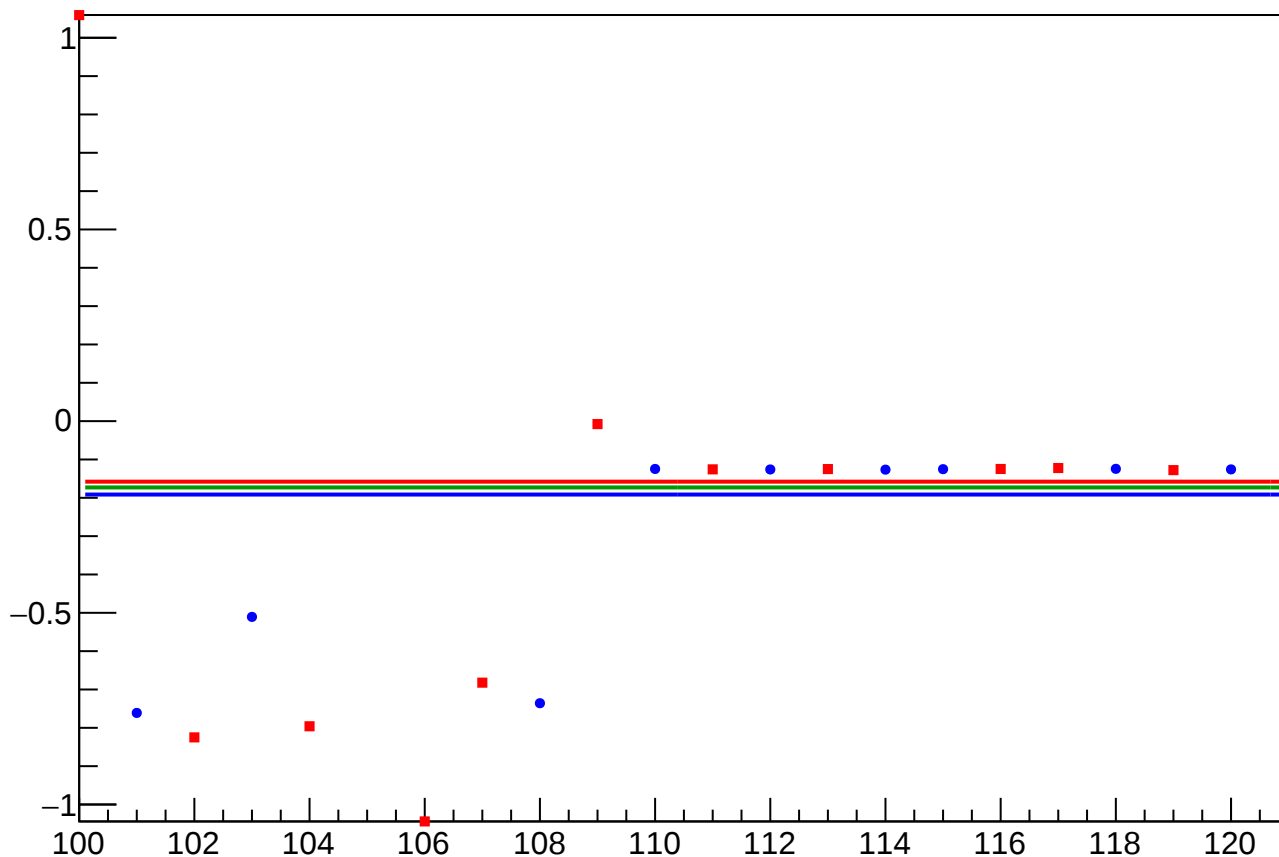
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 153356.6/8

0.011+/-0.000 χ^2/NDF : 1190233.5/20

0.010+/-0.000 χ^2/NDF : 842538.4/11

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.191+/-0.000 χ^2/NDF : 345018501.7/8

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

Right Out: -0.158+/-0.000 χ^2/NDF : 419478385.8/11

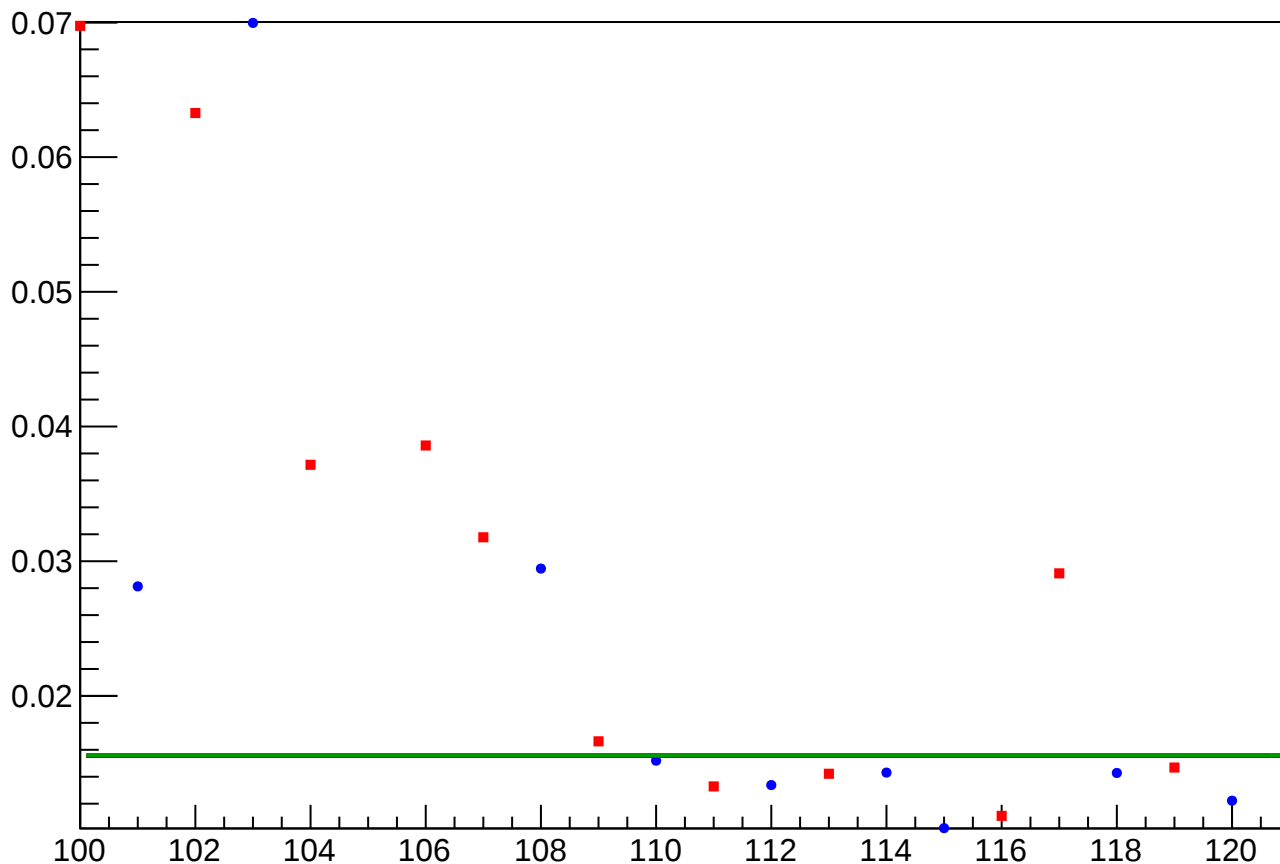
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.191+/-0.000 χ^2/NDF : 345018501.7/8

-0.173+/-0.000 χ^2/NDF : 770464089.8/20

-0.158+/-0.000 χ^2/NDF : 419478385.8/11

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 1096371.1/8

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

Right Out: 0.016+/-0.000 χ^2/NDF : 1330590.7/11

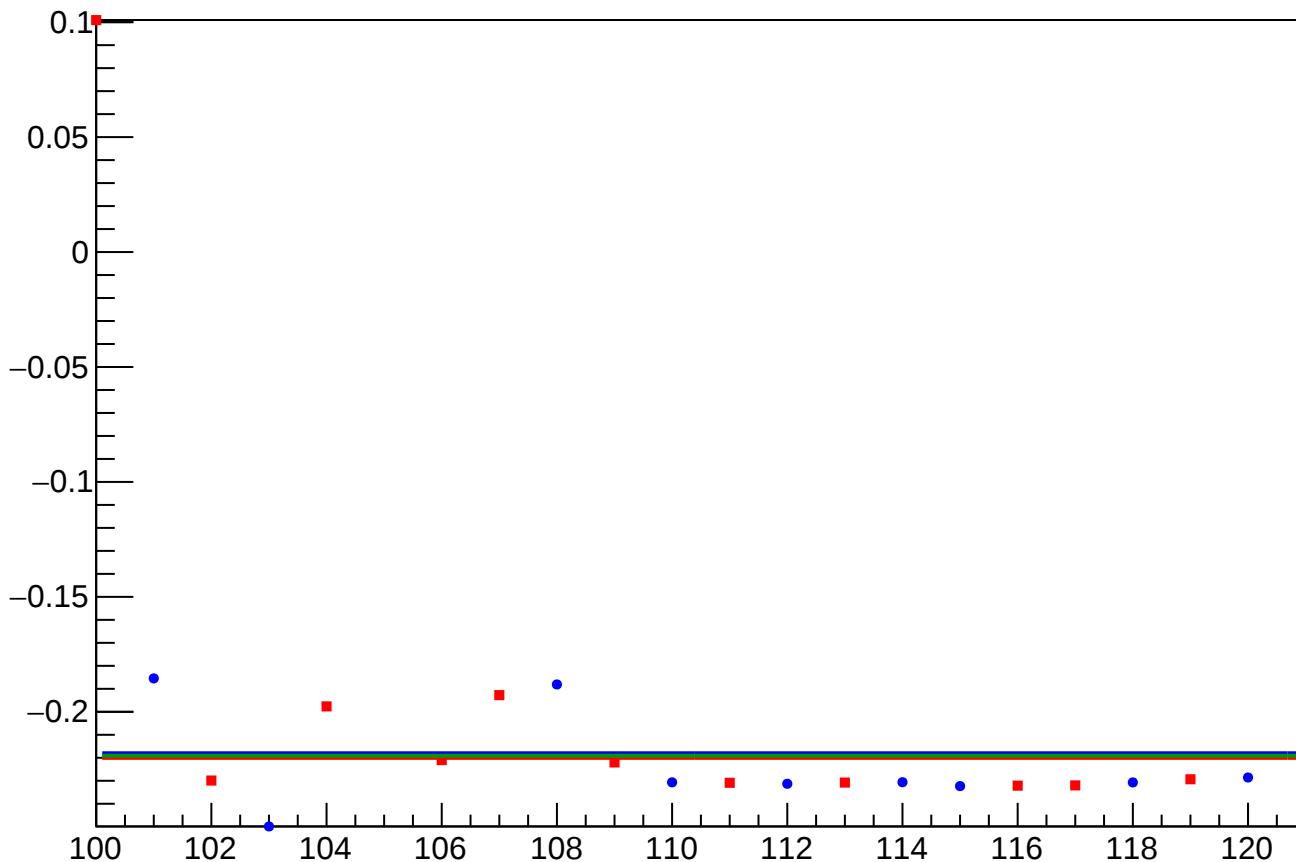
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 1096371.1/8

0.016+/-0.000 χ^2/NDF : 2427015.3/20

0.016+/-0.000 χ^2/NDF : 1330590.7/11

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.218+/-0.000 χ^2/NDF : 65313667.2/8

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

Right Out: -0.220+/-0.000 χ^2/NDF : 162614920.4/11

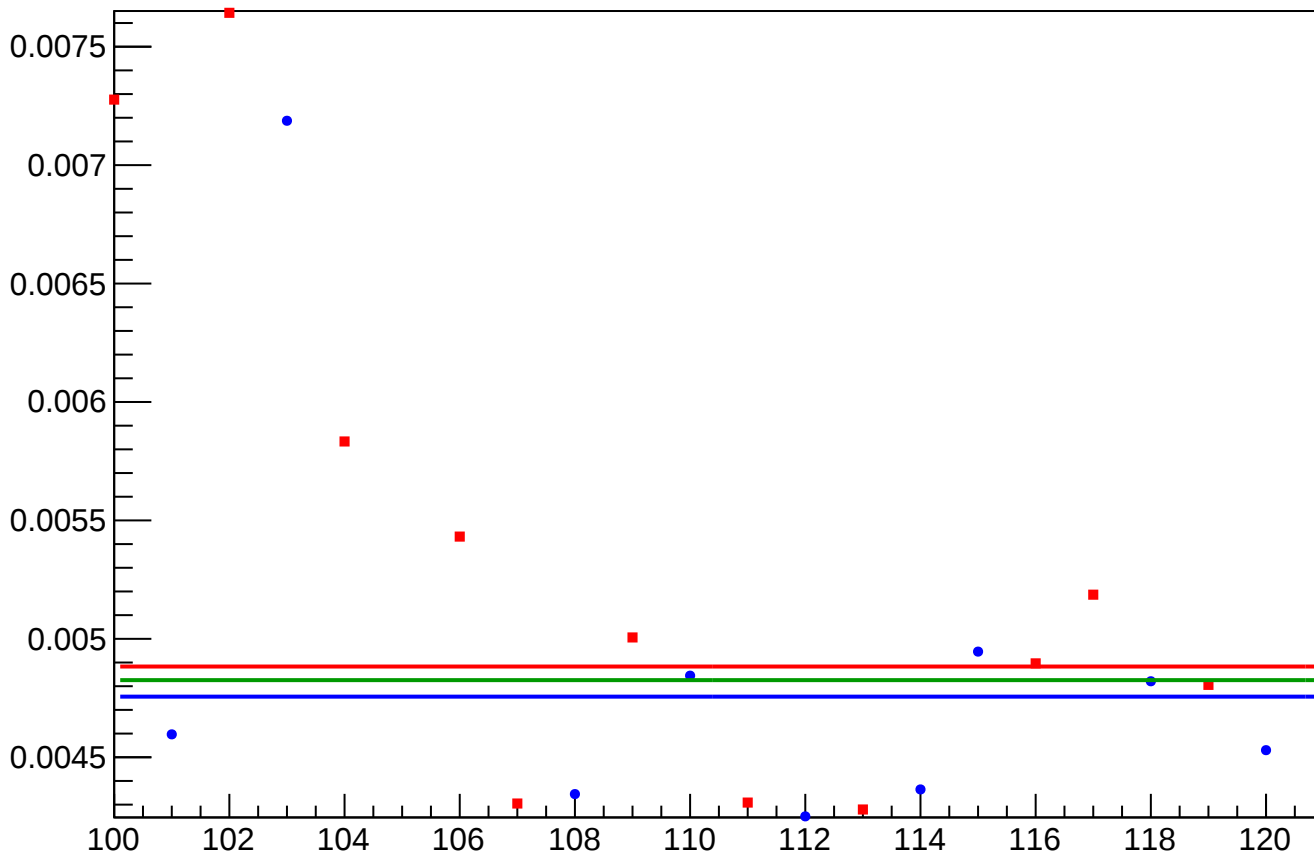
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.218+/-0.000 χ^2/NDF : 65313667.2/8

-0.219+/-0.000 χ^2/NDF : 228216456.0/20

-0.220+/-0.000 χ^2/NDF : 162614920.4/11

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 143953.2/8

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

Right Out: 0.005+/-0.000 χ^2/NDF : 226191.8/11

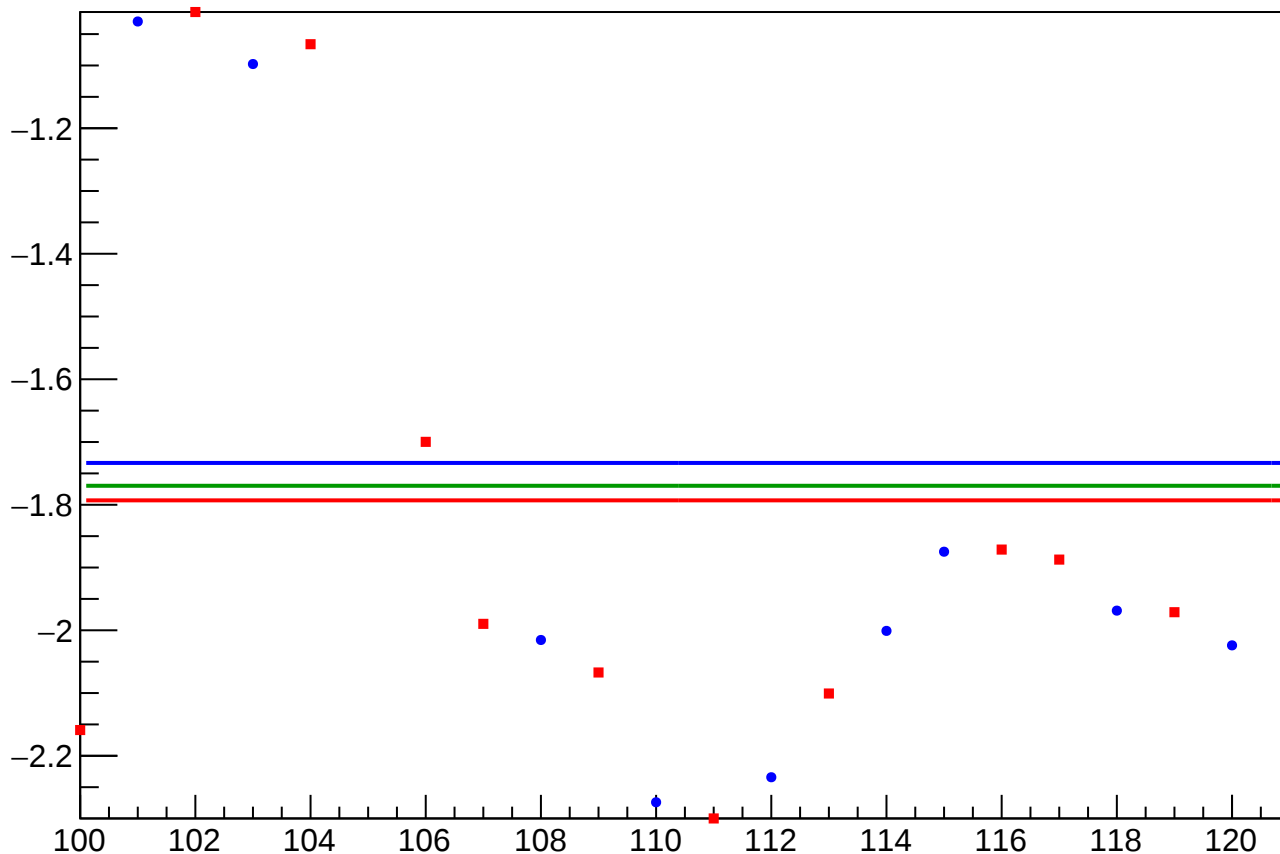
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 143953.2/8

0.005+/-0.000 χ^2/NDF : 372498.2/20

0.005+/-0.000 χ^2/NDF : 226191.8/11

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.733+/-0.000 χ^2/NDF : 15513271654.0/8

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

Right Out: -1.793+/-0.000 χ^2/NDF : 18426989689.5/11

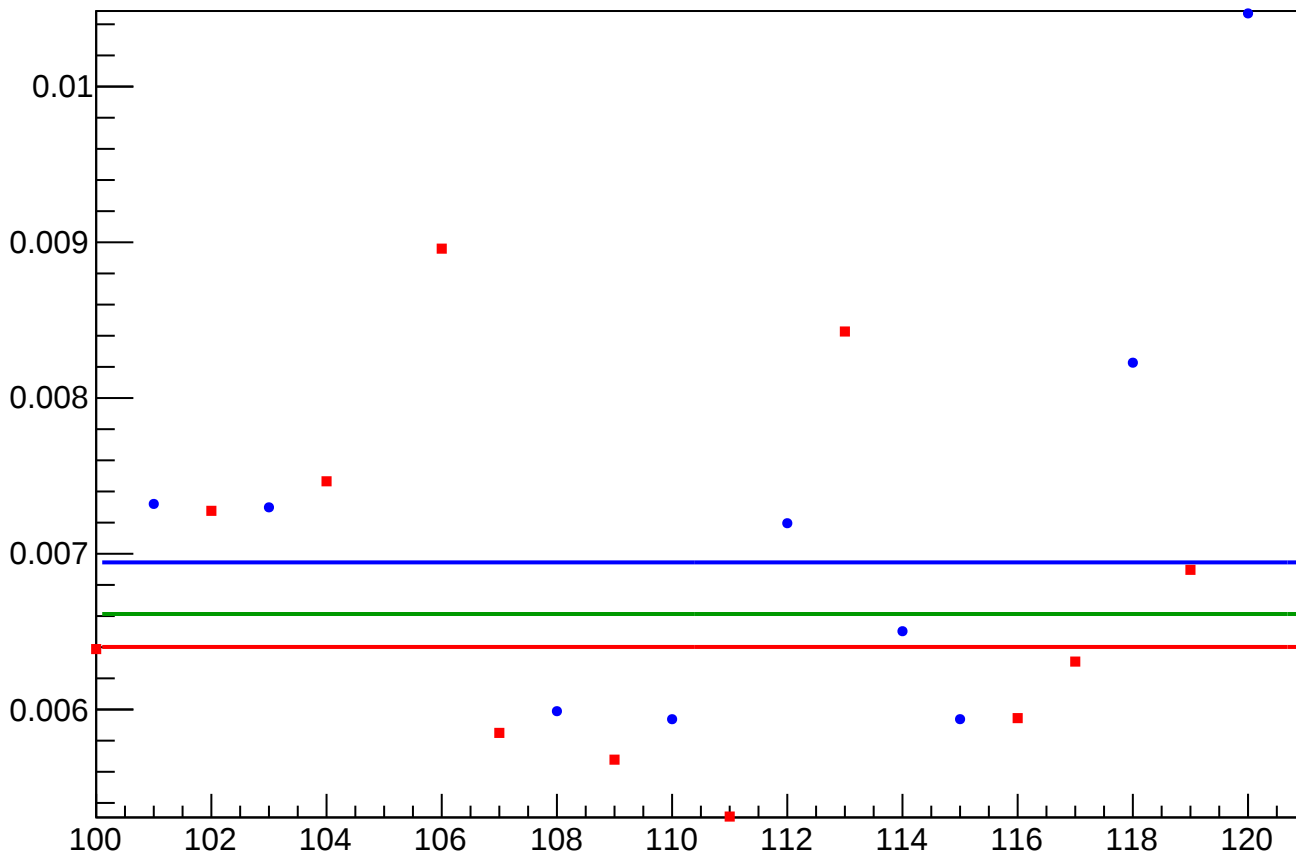
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.733+/-0.000 χ^2/NDF : 15513271654.0/8

-1.770+/-0.000 χ^2/NDF : 34073325583.6/11

-1.793+/-0.000 χ^2/NDF : 18426989689.5/11

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 121907.4/8

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

Right Out: 0.006+/-0.000 χ^2/NDF : 181106.1/11

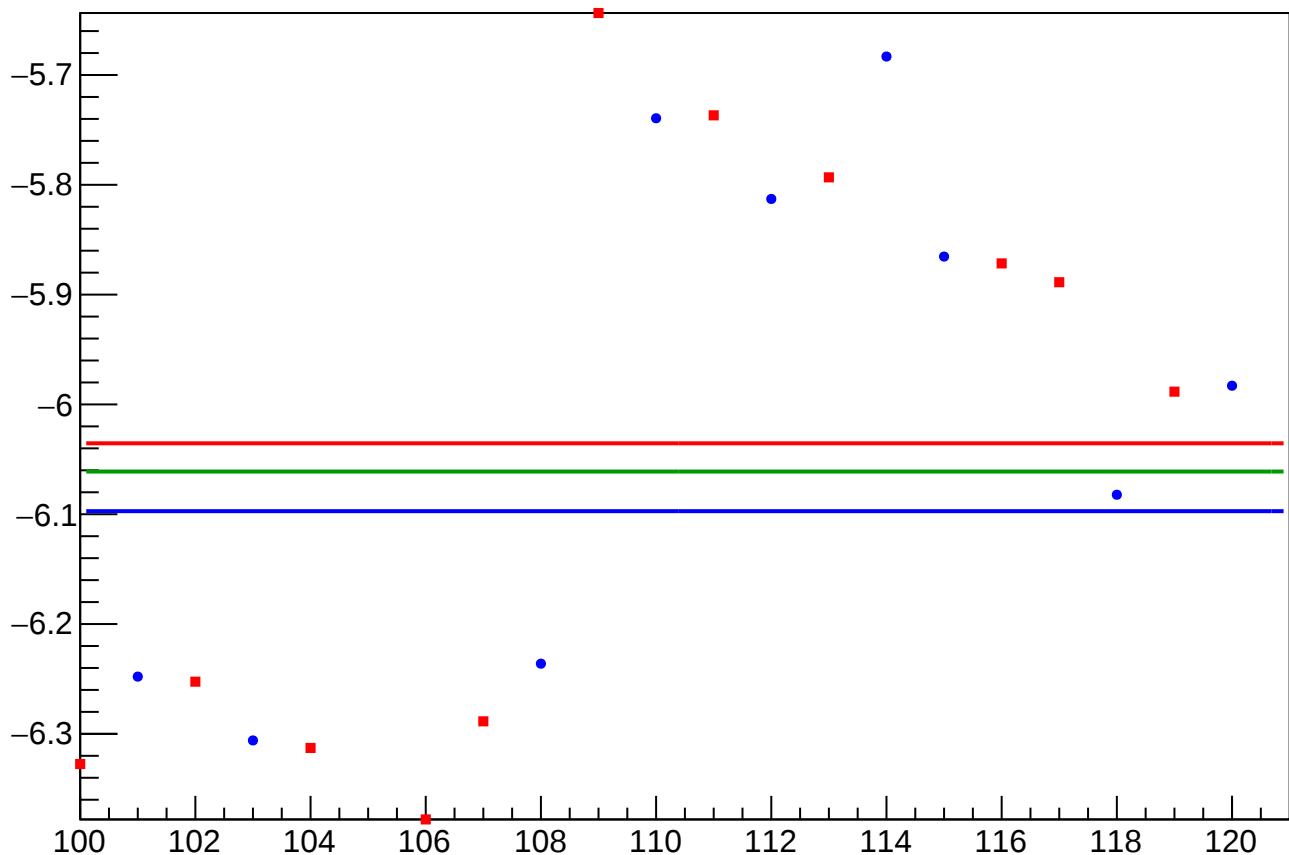
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 121907.4/8

0.007+/-0.000 χ^2/NDF : 325078.5/20

0.006+/-0.000 χ^2/NDF : 181106.1/11

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -6.097+/-0.000 χ^2/NDF : 4379211472.2/8

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

Right Out: -6.035+/-0.000 χ^2/NDF : 8163247846.9/11

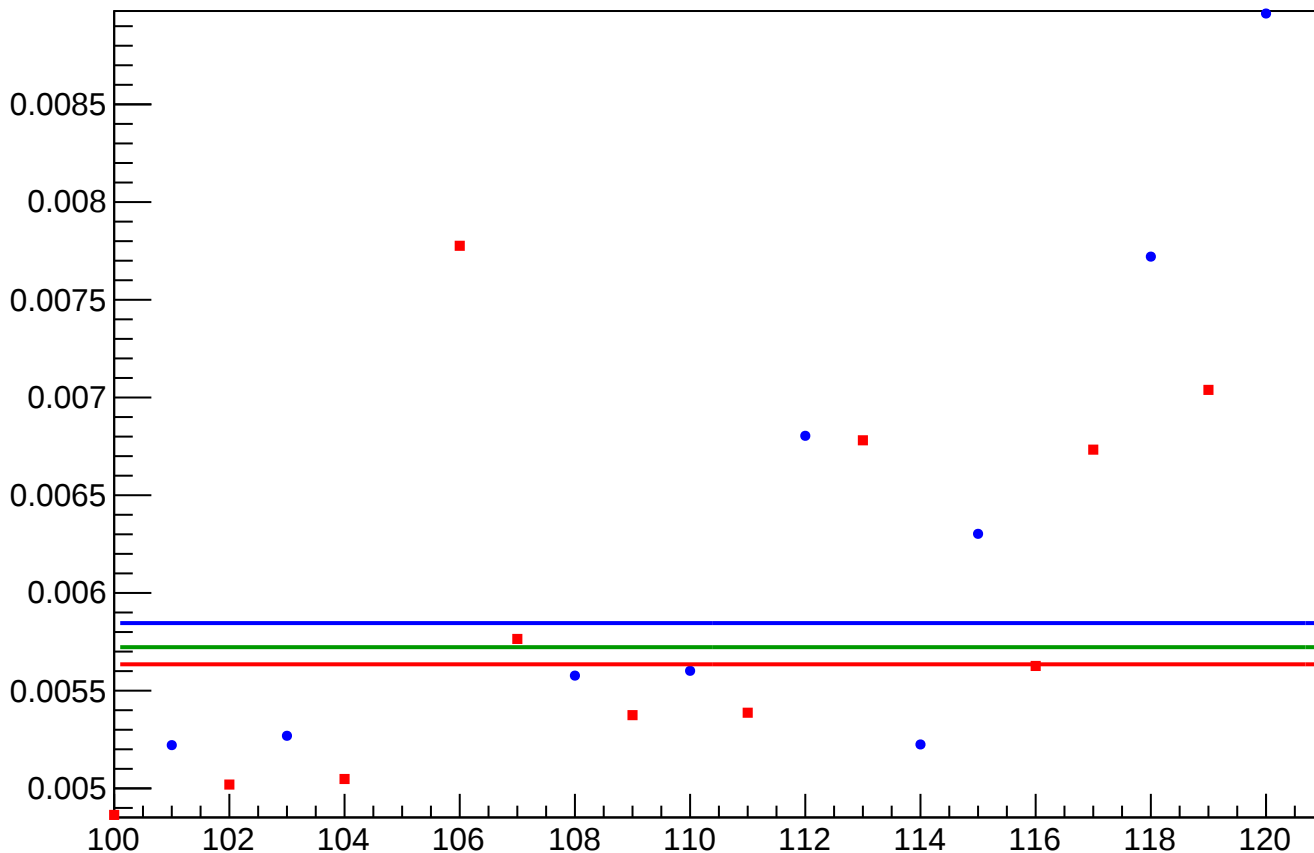
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.097+/-0.000 χ^2/NDF : 4379211472.2/8

-6.061+/-0.000 χ^2/NDF : 12736474289.9/11

-6.035+/-0.000 χ^2/NDF : 8163247846.9/11

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 158903.5/8

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

Right Out: 0.006+/-0.000 χ^2/NDF : 131246.2/11

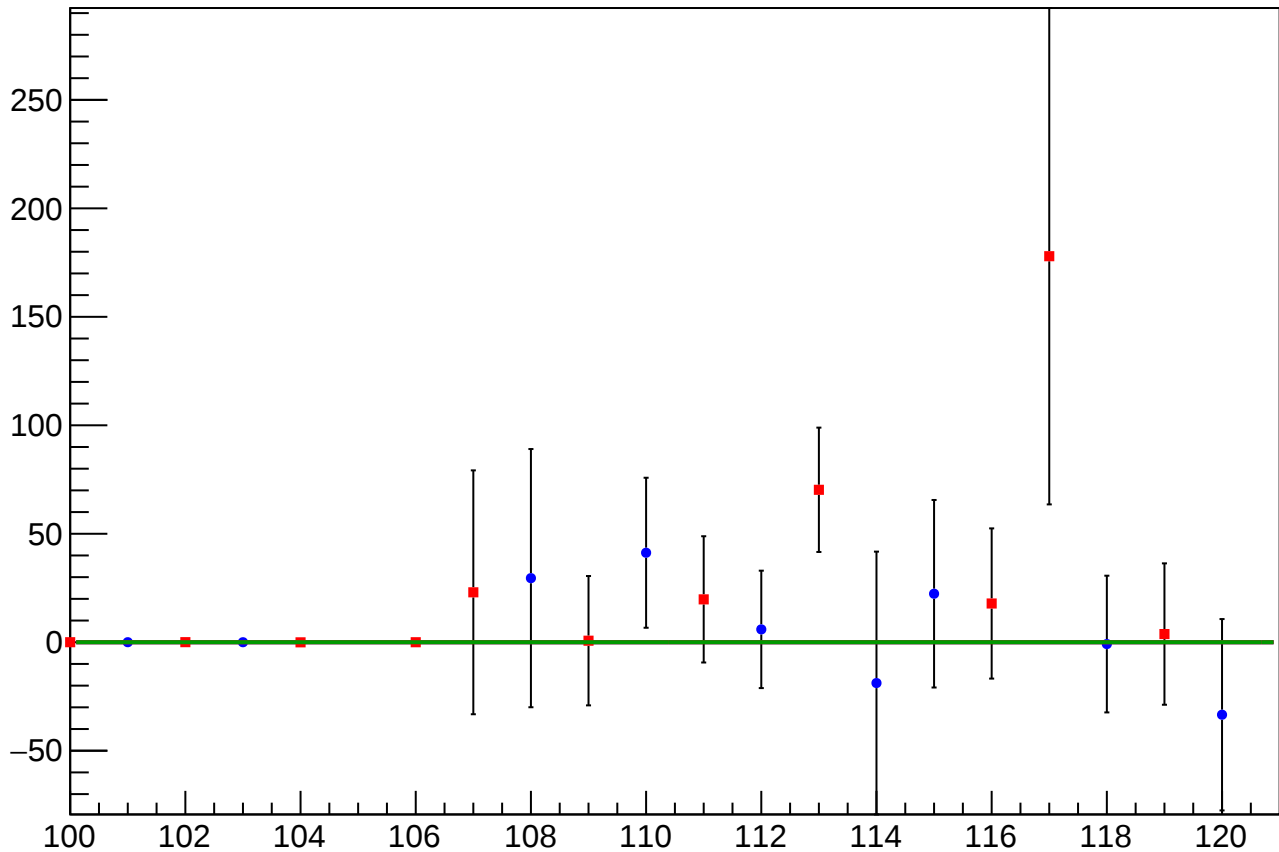
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 158903.5/8

0.006+/-0.000 χ^2/NDF : 294670.4/20

0.006+/-0.000 χ^2/NDF : 131246.2/11

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.017 χ^2 /NDF: 2.8/8

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

Right Out: -0.003 $\pm$ 0.016 χ^2 /NDF: 14.2/11

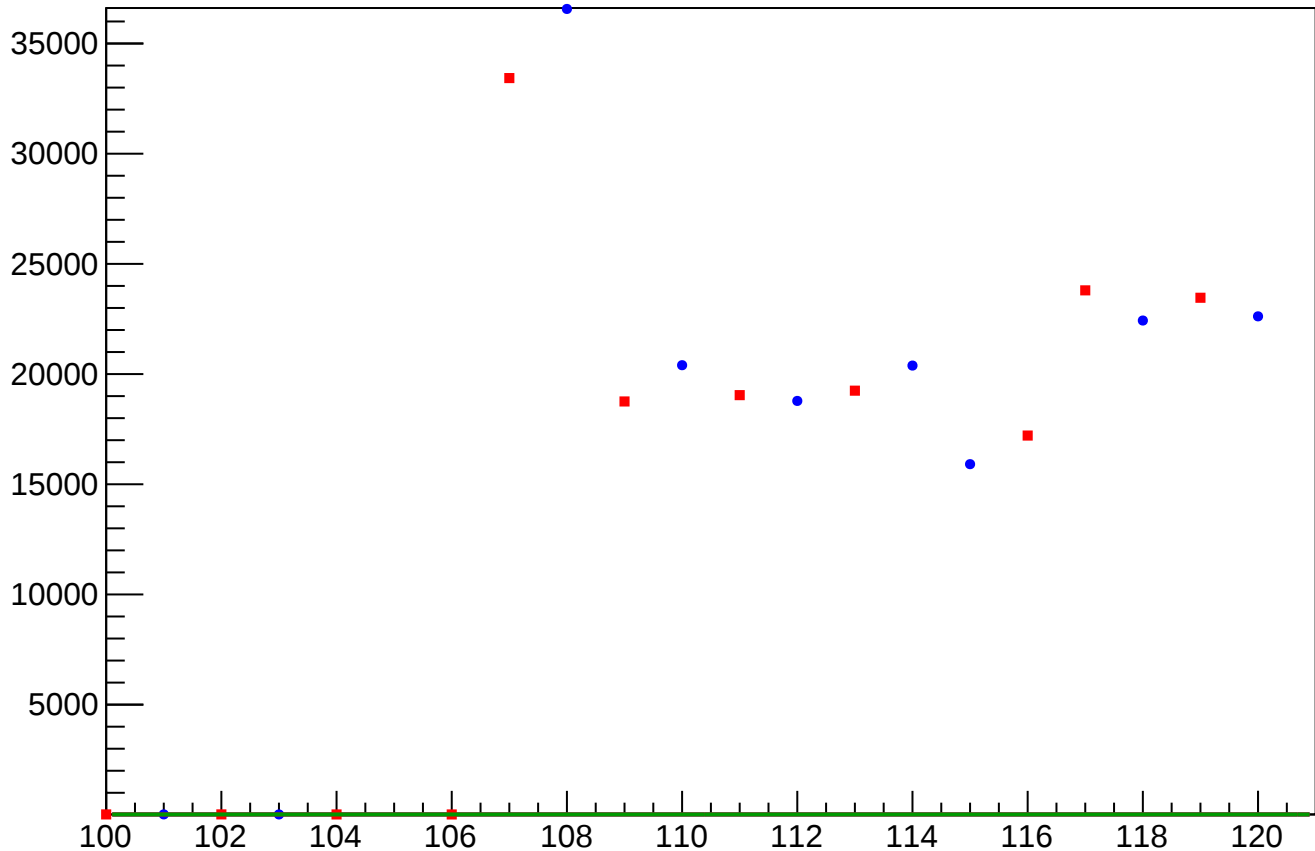
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.013 $\pm$ 0.017 χ^2 /NDF: 2.8/8

0.004 $\pm$ 0.012 χ^2 /NDF: 17.5/20

-0.003 $\pm$ 0.016 χ^2 /NDF: 14.2/11

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 18.590+/-0.012 χ^2/NDF : 4456670.1/8

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

Right Out: 18.277+/-0.011 χ^2/NDF : 5639059.3/11

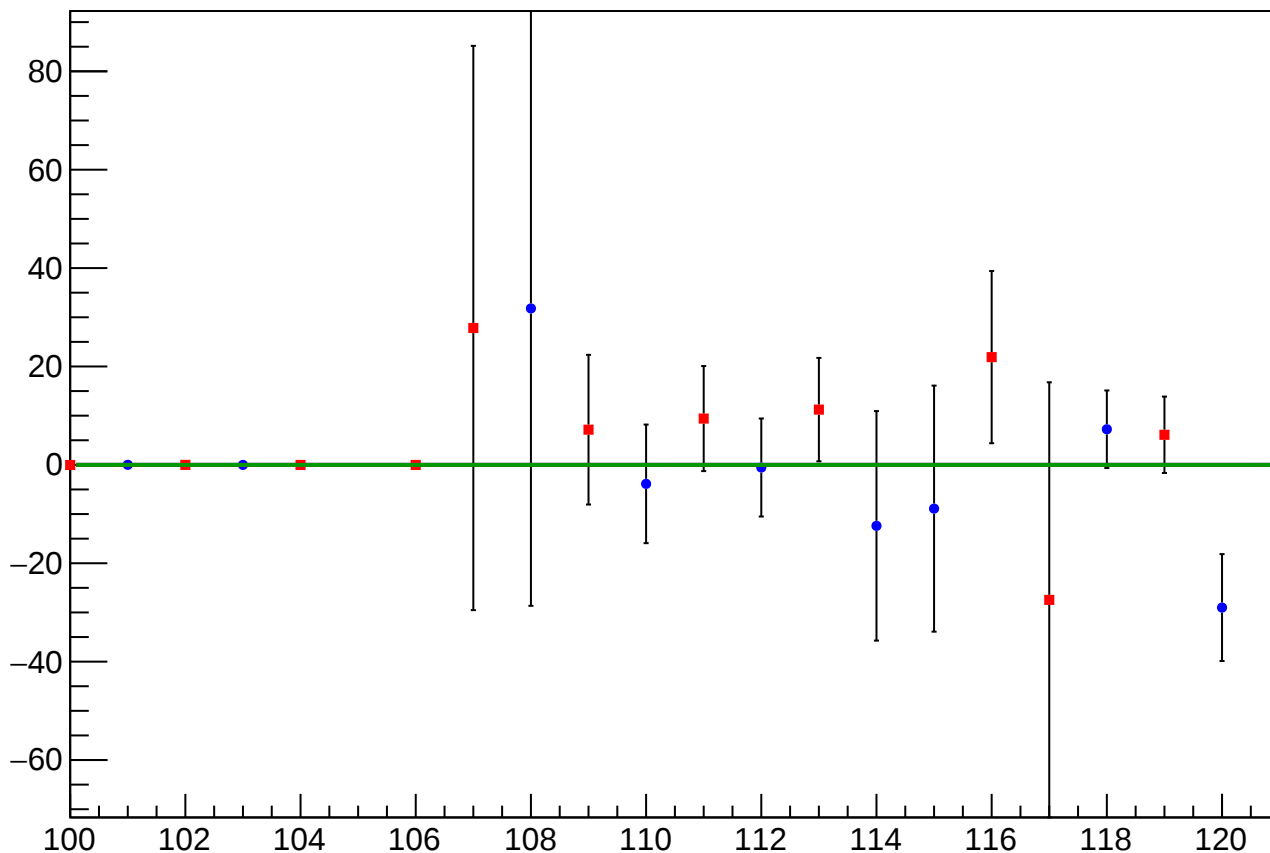
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

18.590+/-0.012 χ^2/NDF : 4456670.1/8

18.422+/-0.008 χ^2/NDF : 10096081.6/20

18.277+/-0.011 χ^2/NDF : 5639059.3/11

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.009 χ^2/NDF : 9.9/8

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

Right Out: -0.014+/-0.009 χ^2/NDF : 9.2/11

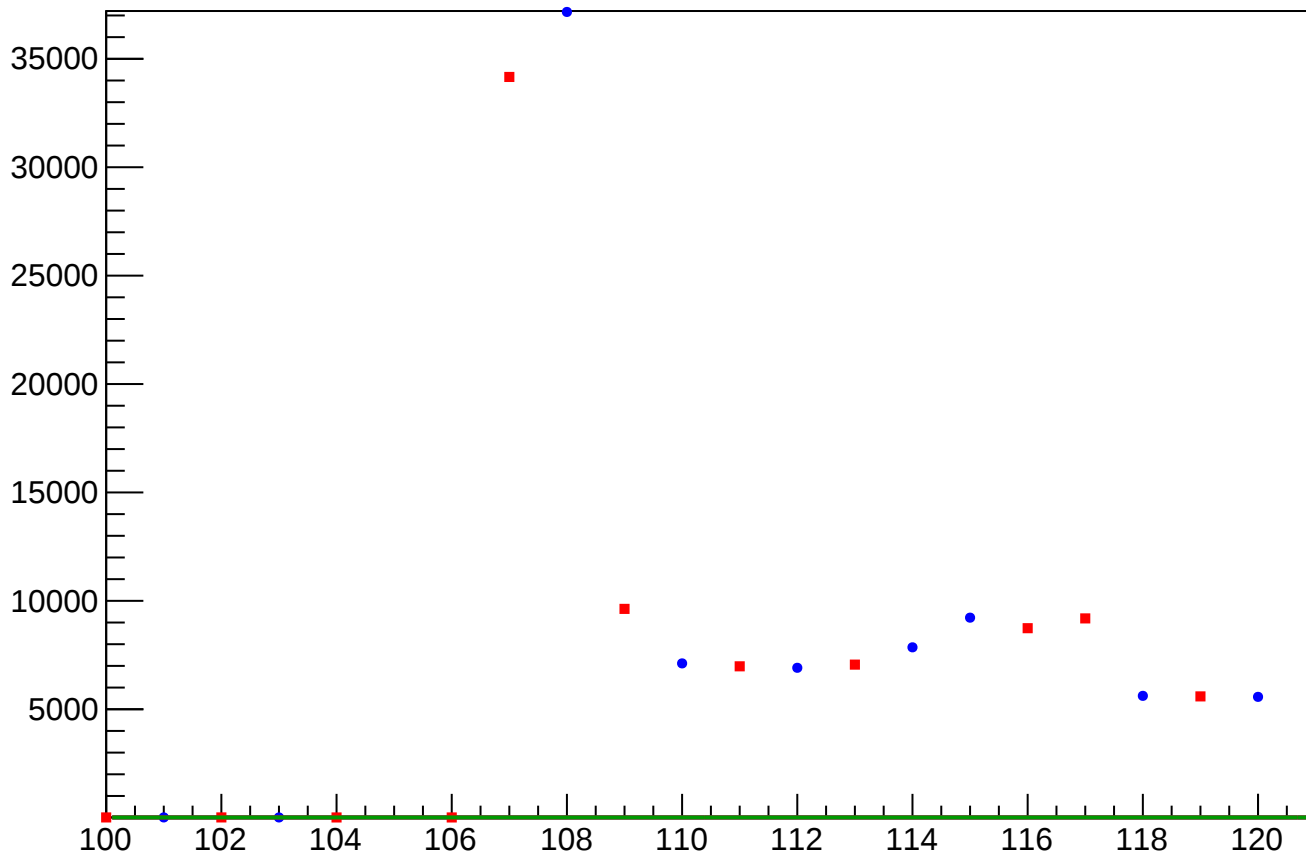
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.001+/-0.009 χ^2/NDF : 9.9/8

-0.007+/-0.006 χ^2/NDF : 20.5/20

-0.014+/-0.009 χ^2/NDF : 9.2/11

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 9.880+/-0.007 χ^2/NDF : 4454789.6/8

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

Right Out: 9.810+/-0.006 χ^2/NDF : 5639806.2/11

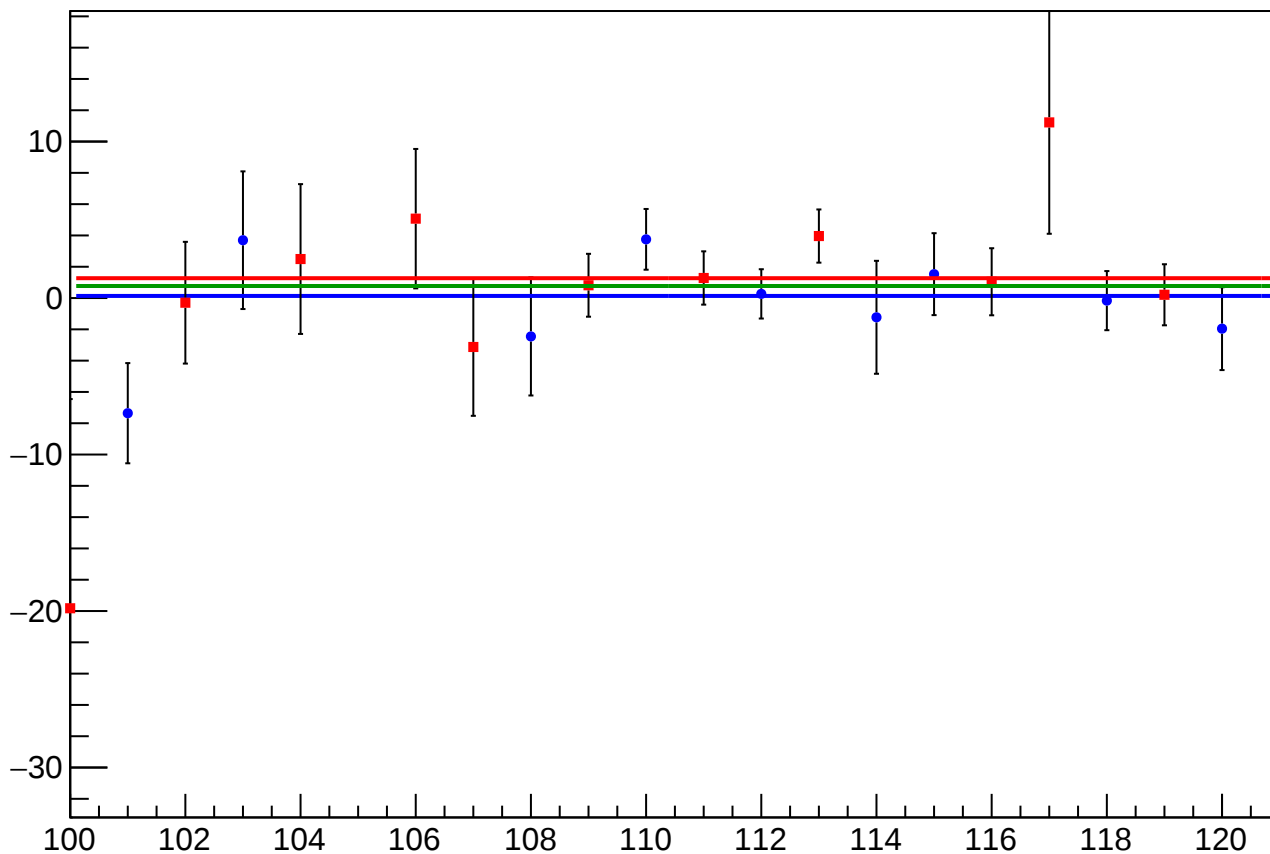
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.880+/-0.007 χ^2/NDF : 4454789.6/8

9.843+/-0.004 χ^2/NDF : 10094657.8/20

9.810+/-0.006 χ^2/NDF : 5639806.2/11

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: 0.135 $\pm$ 0.807 χ^2 /NDF: 11.2/8

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

Right Out: 1.268 $\pm$ 0.715 χ^2 /NDF: 10.1/11

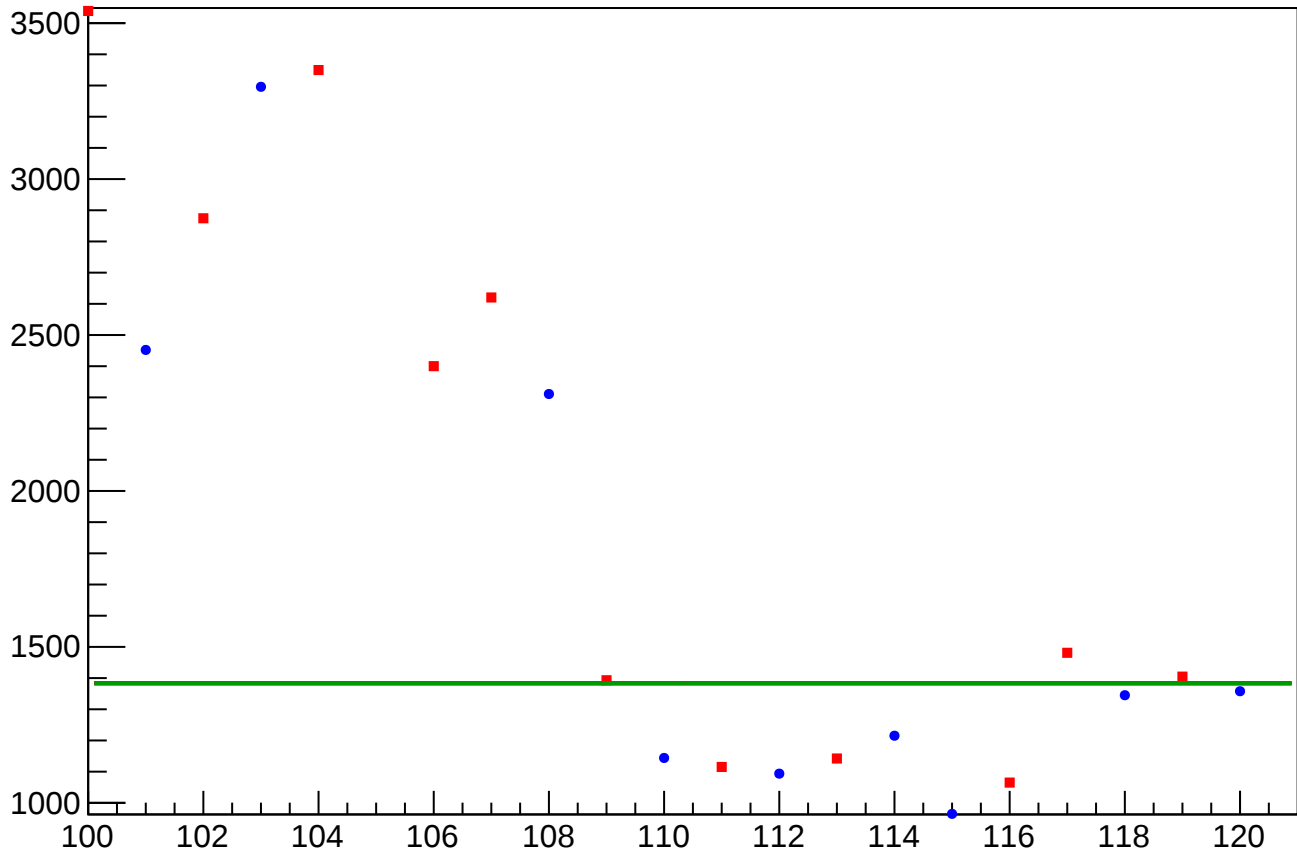
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.135 $\pm$ 0.807 χ^2 /NDF: 11.2/8

0.770 $\pm$ 0.535 χ^2 /NDF: 22.3/20

1.268 $\pm$ 0.715 χ^2 /NDF: 10.1/11

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 1383.077 $\pm$ 0.571 χ^2 /NDF: 876540.1/8

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

Right Out: 1383.798 $\pm$ 0.506 χ^2 /NDF: 1118654.9/11

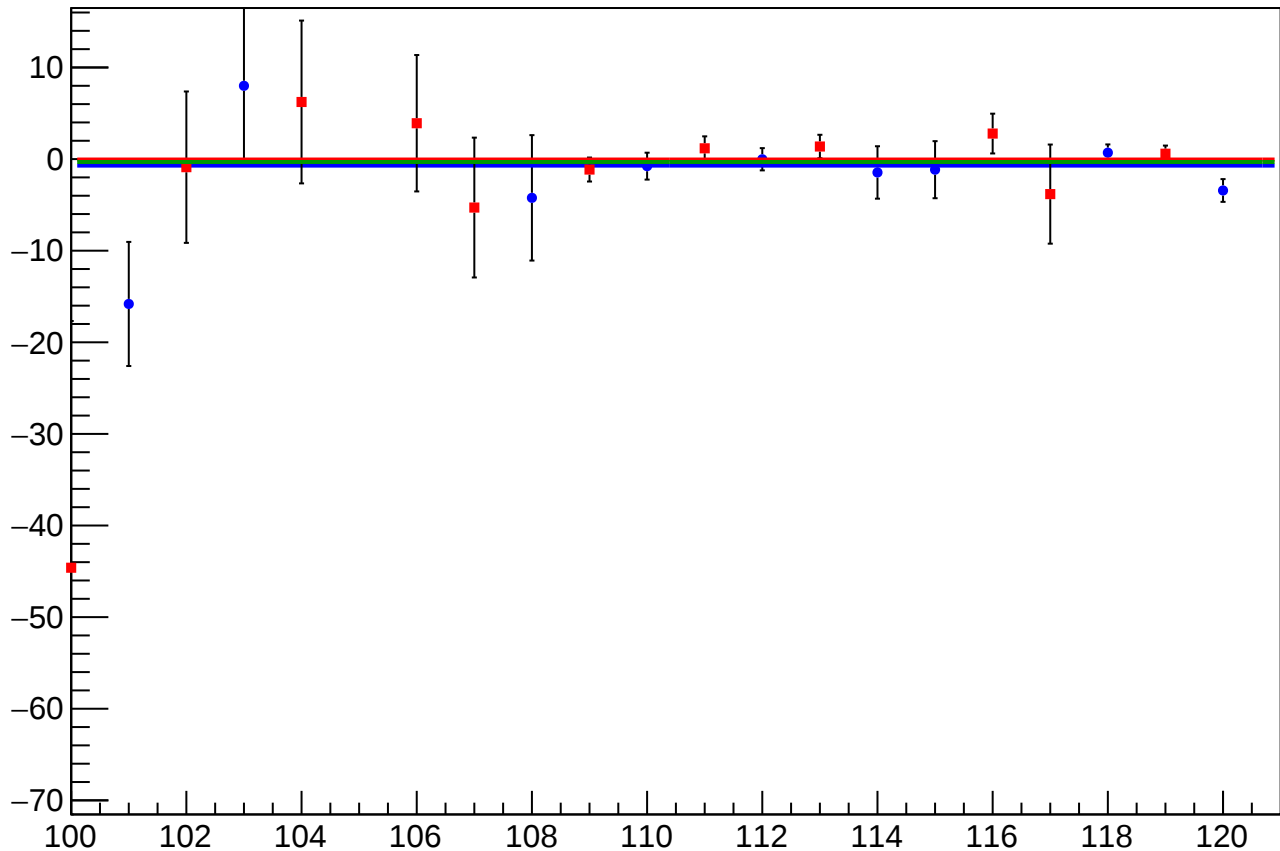
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1383.077 $\pm$ 0.571 χ^2 /NDF: 876540.1/8

1383.481 $\pm$ 0.379 χ^2 /NDF: 1995195.9/20

1383.798 $\pm$ 0.506 χ^2 /NDF: 1118654.9/11

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.713+/-0.550 χ^2/NDF : 13.9/8

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

Right Out: -0.048+/-0.457 χ^2/NDF : 12.9/11

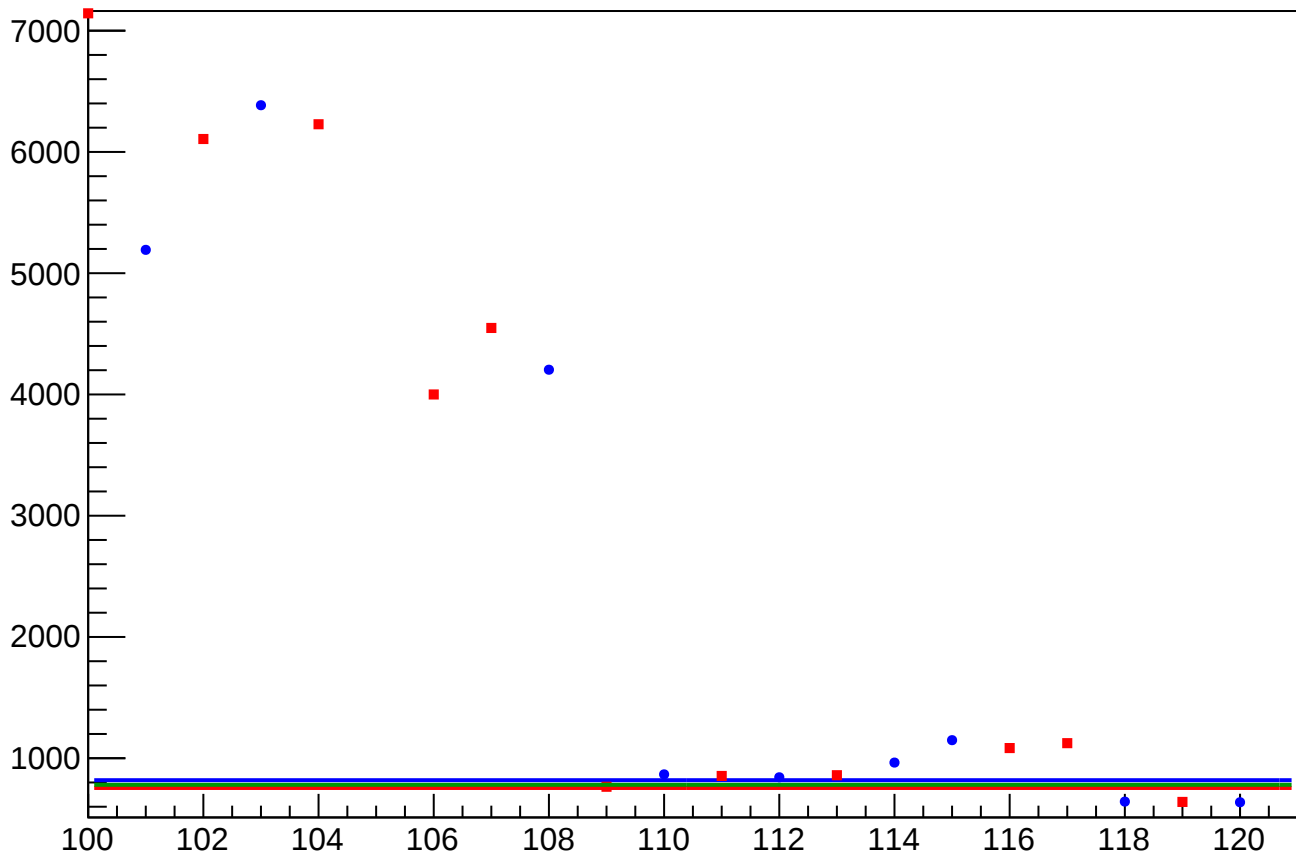
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.713+/-0.550 χ^2/NDF : 13.9/8

-0.319+/-0.352 χ^2/NDF : 27.7/20

-0.048+/-0.457 χ^2/NDF : 12.9/11

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 818.741 $\pm$ 0.389 χ^2 /NDF: 2332066.2/8

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

Right Out: 754.645 $\pm$ 0.323 χ^2 /NDF: 2865863.1/11

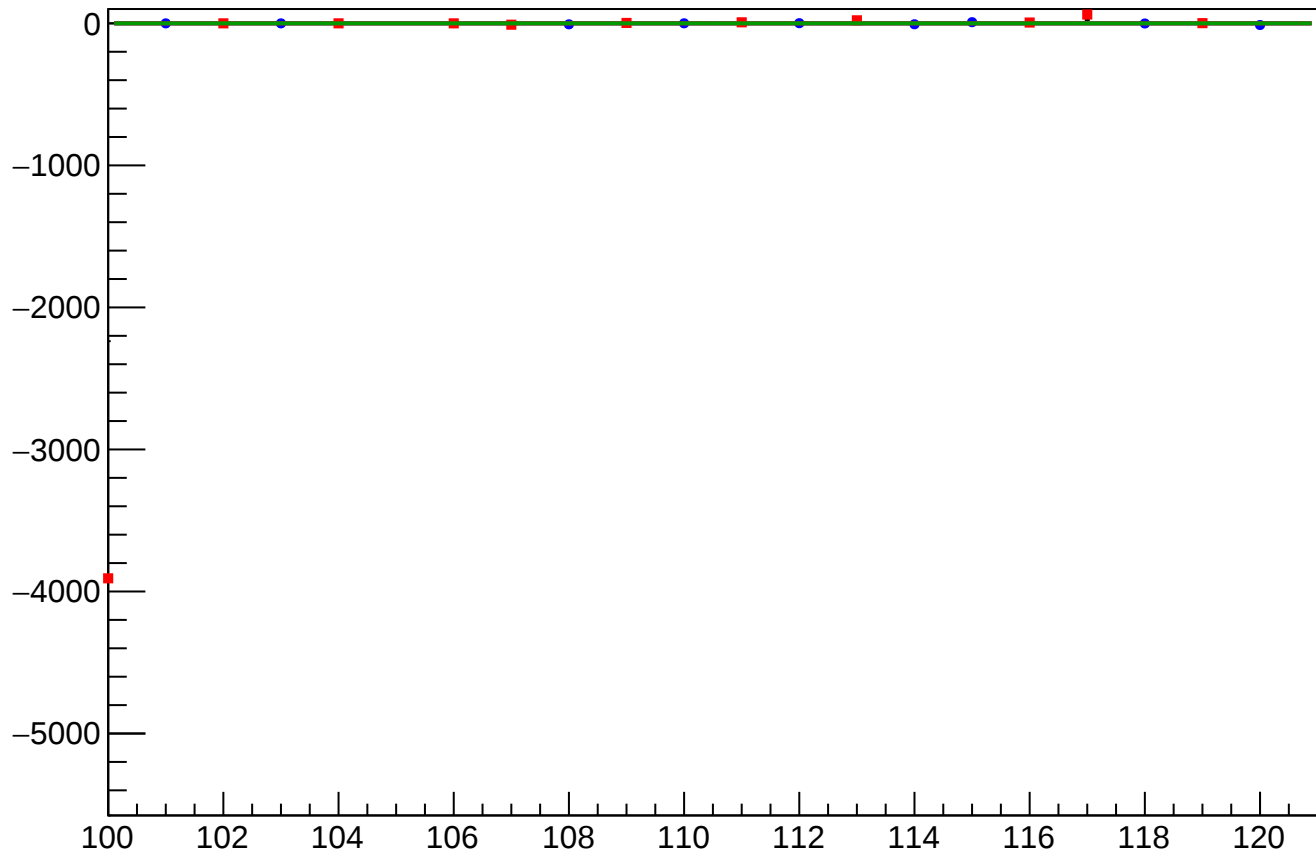
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

818.741 $\pm$ 0.389 χ^2 /NDF: 2332066.2/8

780.830 $\pm$ 0.249 χ^2 /NDF: 5213981.0/20

754.645 $\pm$ 0.323 χ^2 /NDF: 2865863.1/11

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.021 χ^2 /NDF: 2.0/8

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

Right Out: 0.027+/-0.020 χ^2 /NDF: 16.1/11

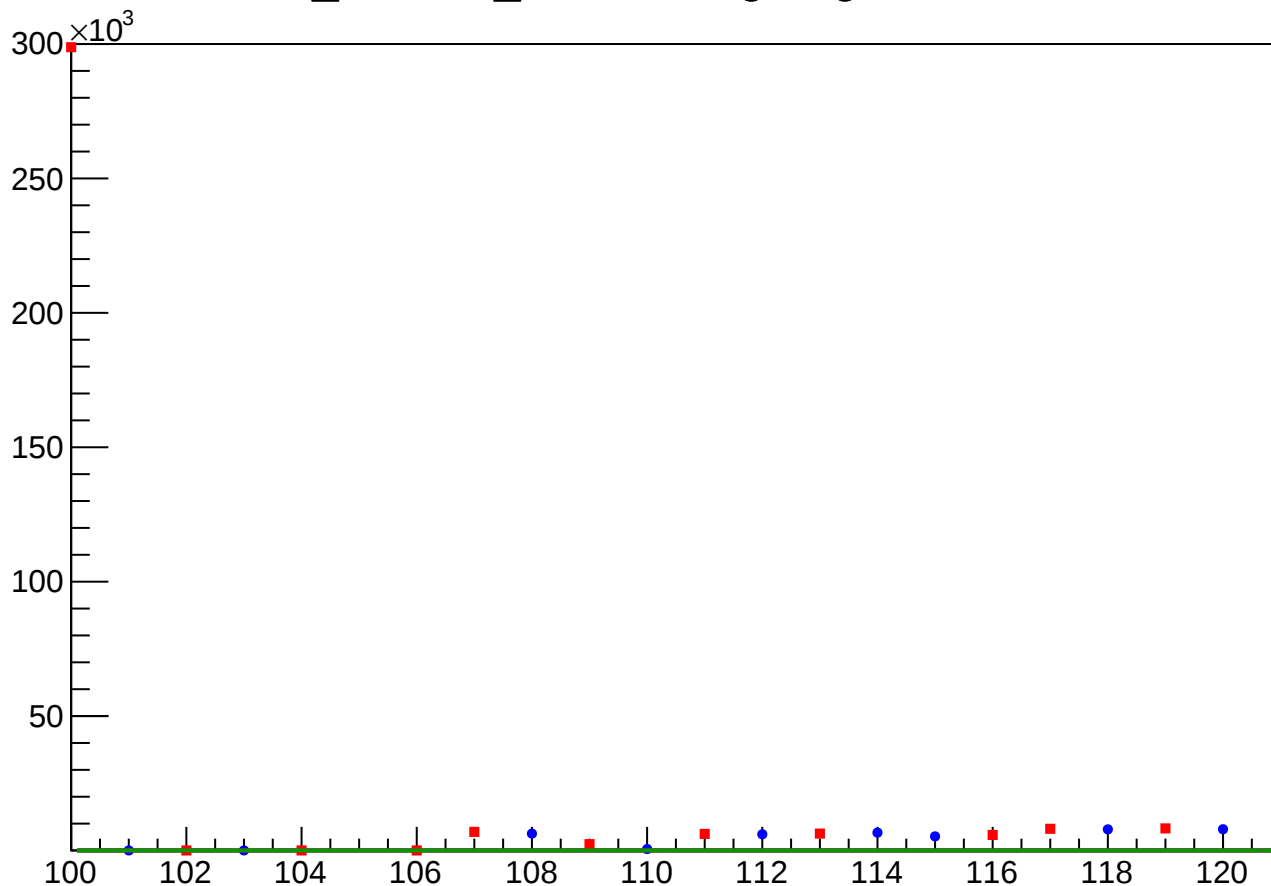
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.021+/-0.021 χ^2 /NDF: 2.0/8

0.004+/-0.014 χ^2 /NDF: 20.9/20

0.027+/-0.020 χ^2 /NDF: 16.1/11

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 17.122 $\pm$ 0.015 χ^2 /NDF: 3981684.1/8

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

Right Out: 17.113 $\pm$ 0.014 χ^2 /NDF: 5362895.4/11

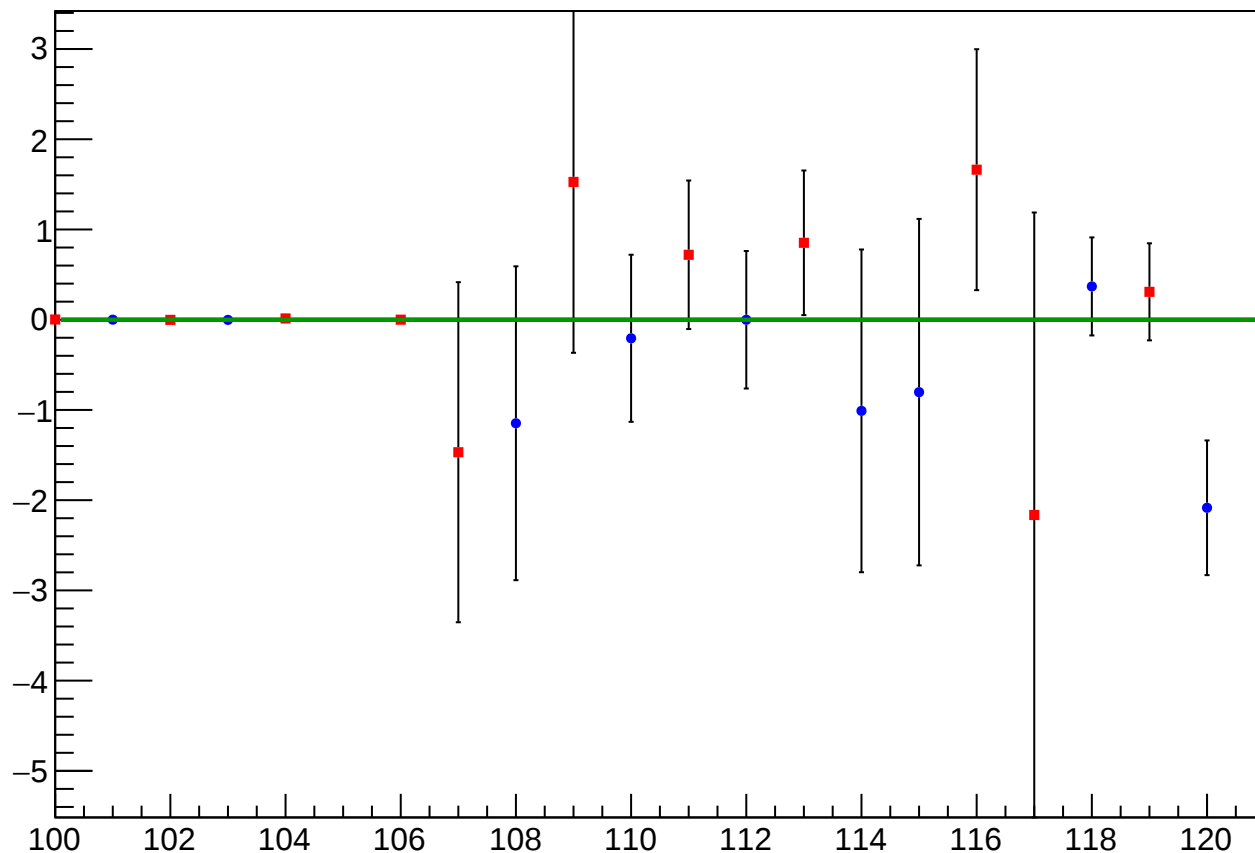
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.122 $\pm$ 0.015 χ^2 /NDF: 3981684.1/8

17.117 $\pm$ 0.010 χ^2 /NDF: 9344579.7/20

17.113 $\pm$ 0.014 χ^2 /NDF: 5362895.4/11

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.002 χ^2 /NDF: 9.4/8

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

Right Out: -0.001 $\pm$ 0.002 χ^2 /NDF: 10.2/11

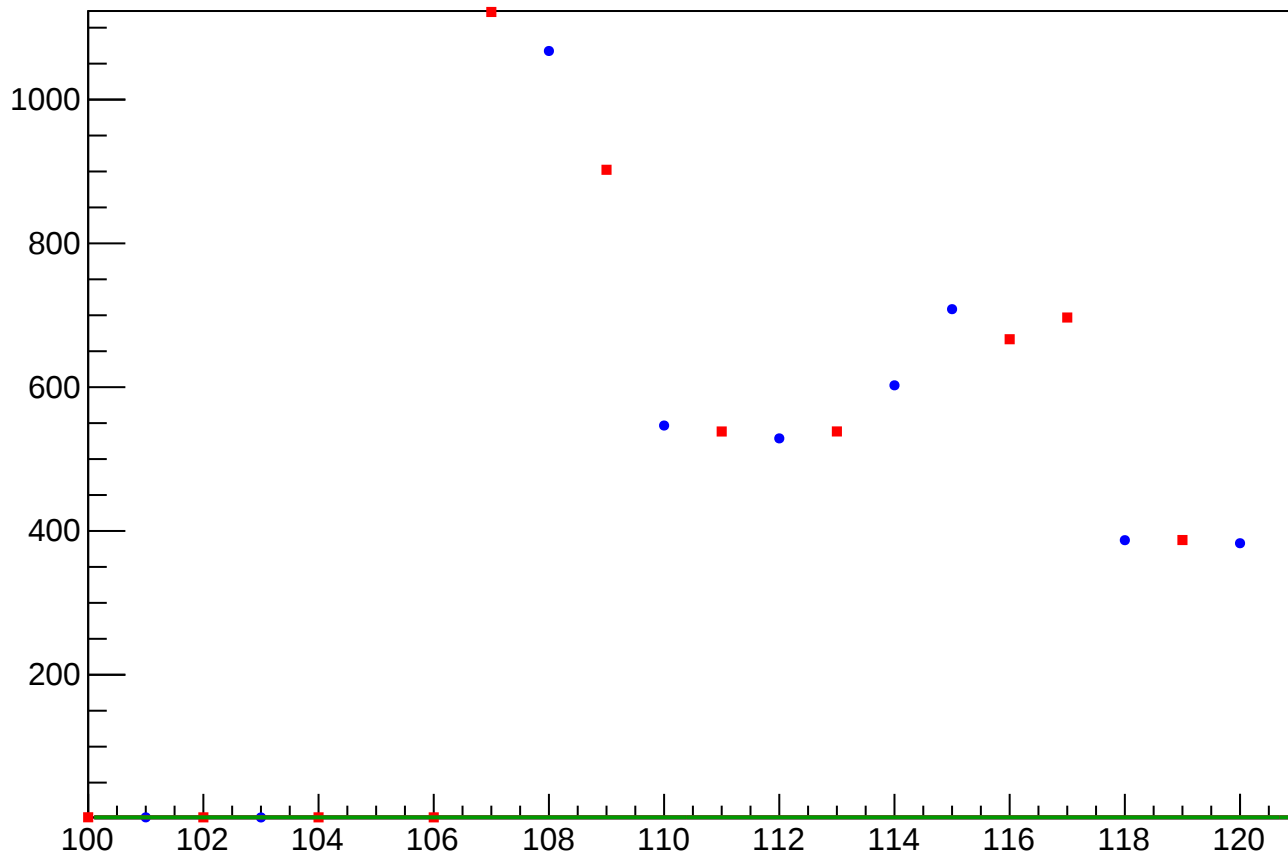
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.000 $\pm$ 0.002 χ^2 /NDF: 9.4/8

-0.000 $\pm$ 0.001 χ^2 /NDF: 19.8/20

-0.001 $\pm$ 0.002 χ^2 /NDF: 10.2/11

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 1.662 $\pm$ 0.001 χ^2 /NDF: 4428685.0/8

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

Right Out: 1.699 $\pm$ 0.001 χ^2 /NDF: 5254138.6/11

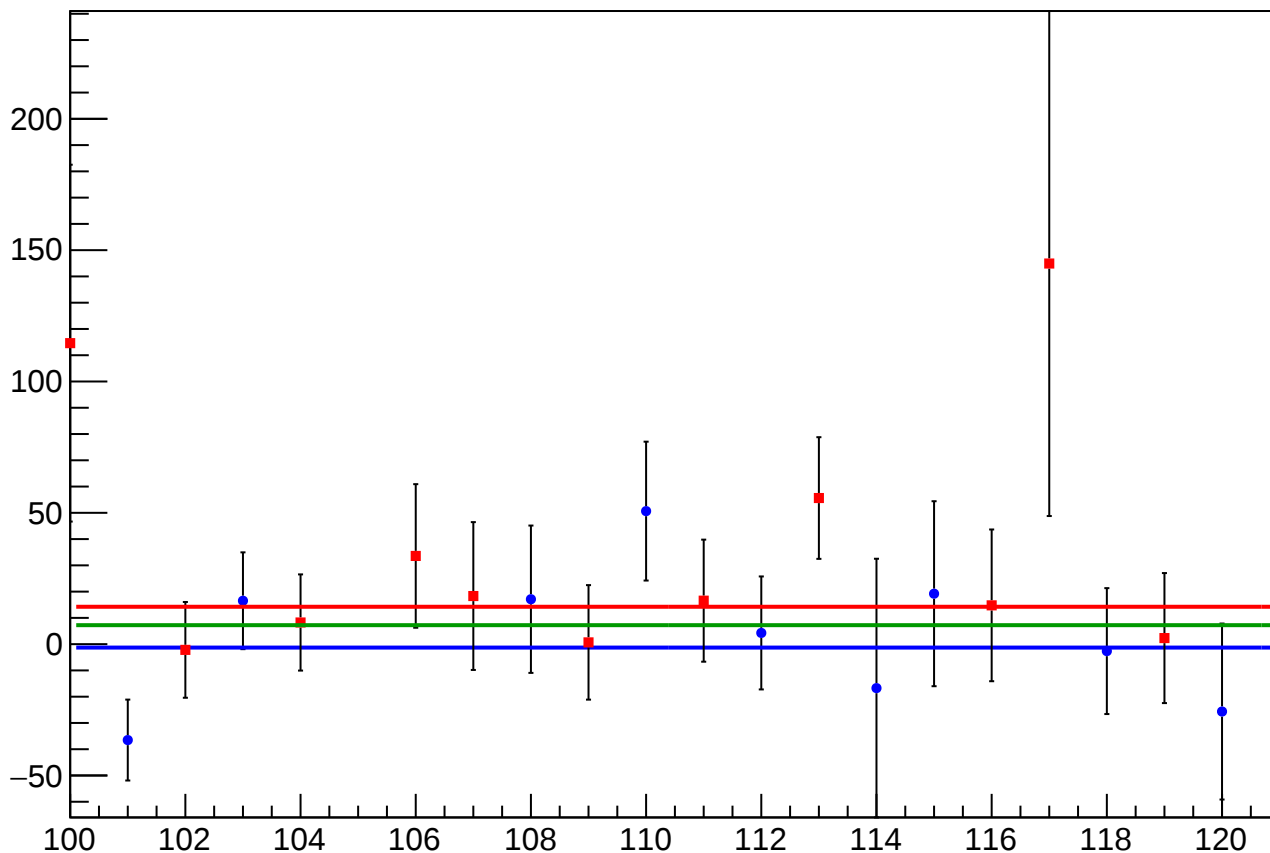
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.662 $\pm$ 0.001 χ^2 /NDF: 4428685.0/8

1.681 $\pm$ 0.001 χ^2 /NDF: 9683164.6/20

1.699 $\pm$ 0.001 χ^2 /NDF: 5254138.6/11

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -1.302 ± 7.937 χ^2/NDF : 11.5/8

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

Right Out: 14.236 ± 7.195 χ^2/NDF : 9.9/11

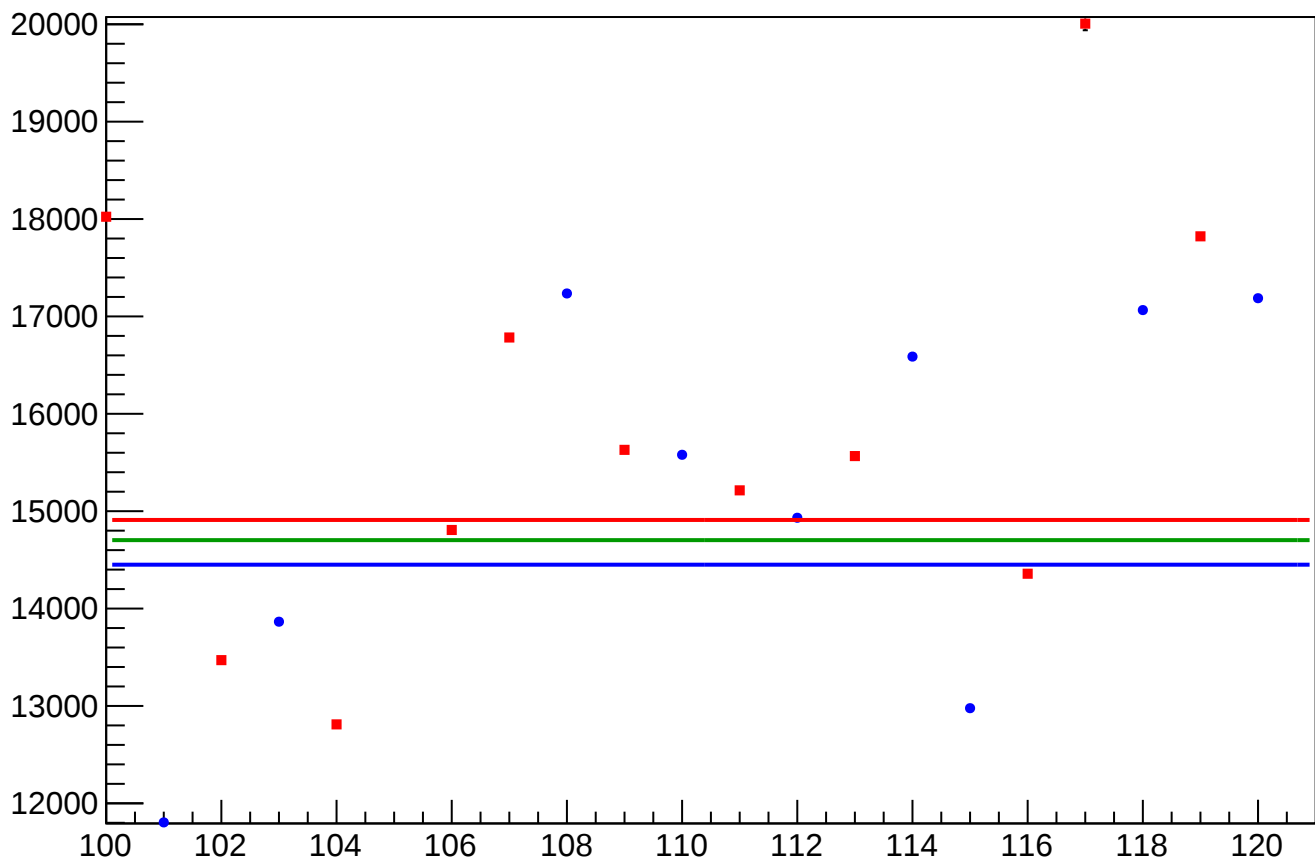
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.302 ± 7.937 χ^2/NDF : 11.5/8

7.227 ± 5.331 χ^2/NDF : 23.5/20

14.236 ± 7.195 χ^2/NDF : 9.9/11

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 14450.556+/-5.612 χ^2/NDF : 129845.9/8

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

Right Out: 14909.929+/-5.087 χ^2/NDF : 90100.6/11

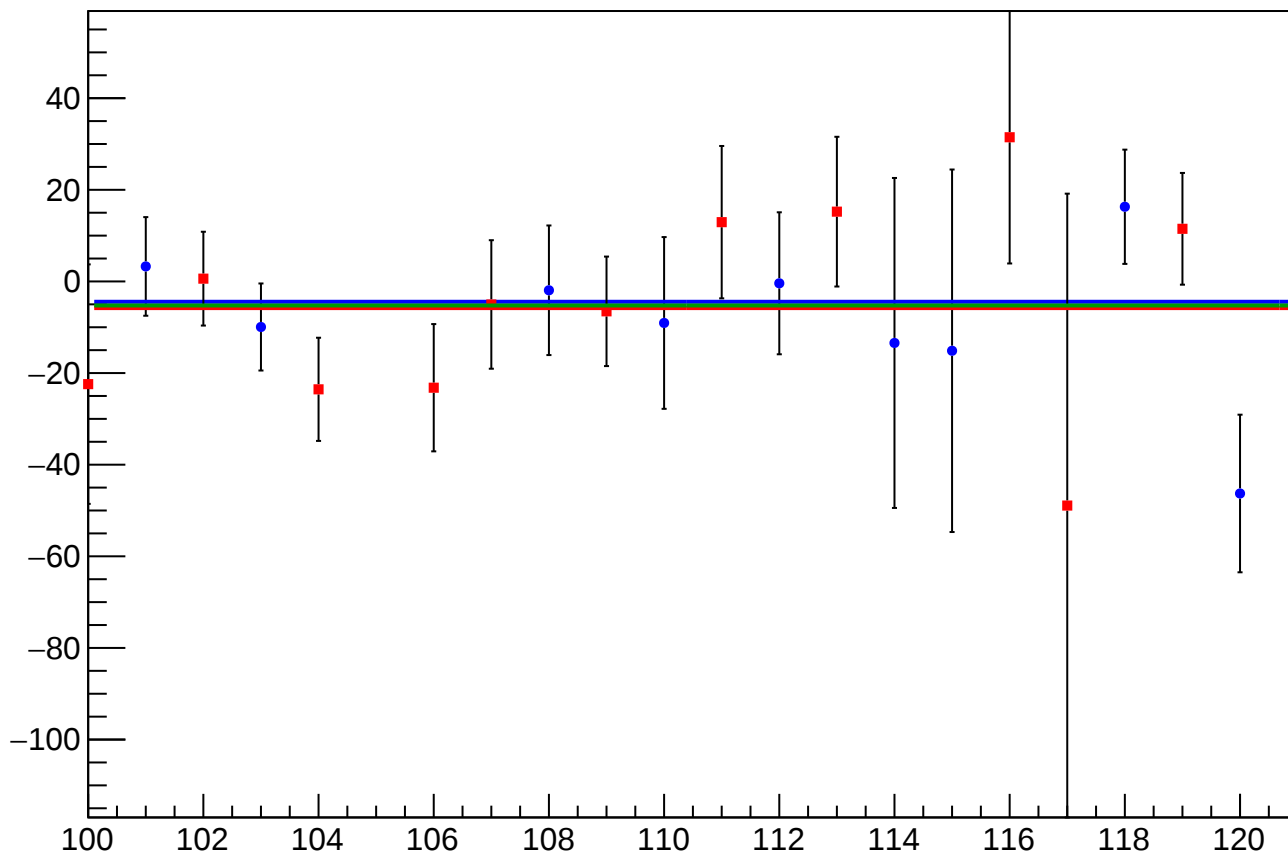
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14450.556+/-5.612 χ^2/NDF : 129845.9/8

14702.716+/-3.769 χ^2/NDF : 223624.3/20

14909.929+/-5.087 χ^2/NDF : 90100.6/11

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -4.439+/-4.826 χ^2/NDF : 9.8/8

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

Right Out: -5.820+/-4.065 χ^2/NDF : 13.4/11

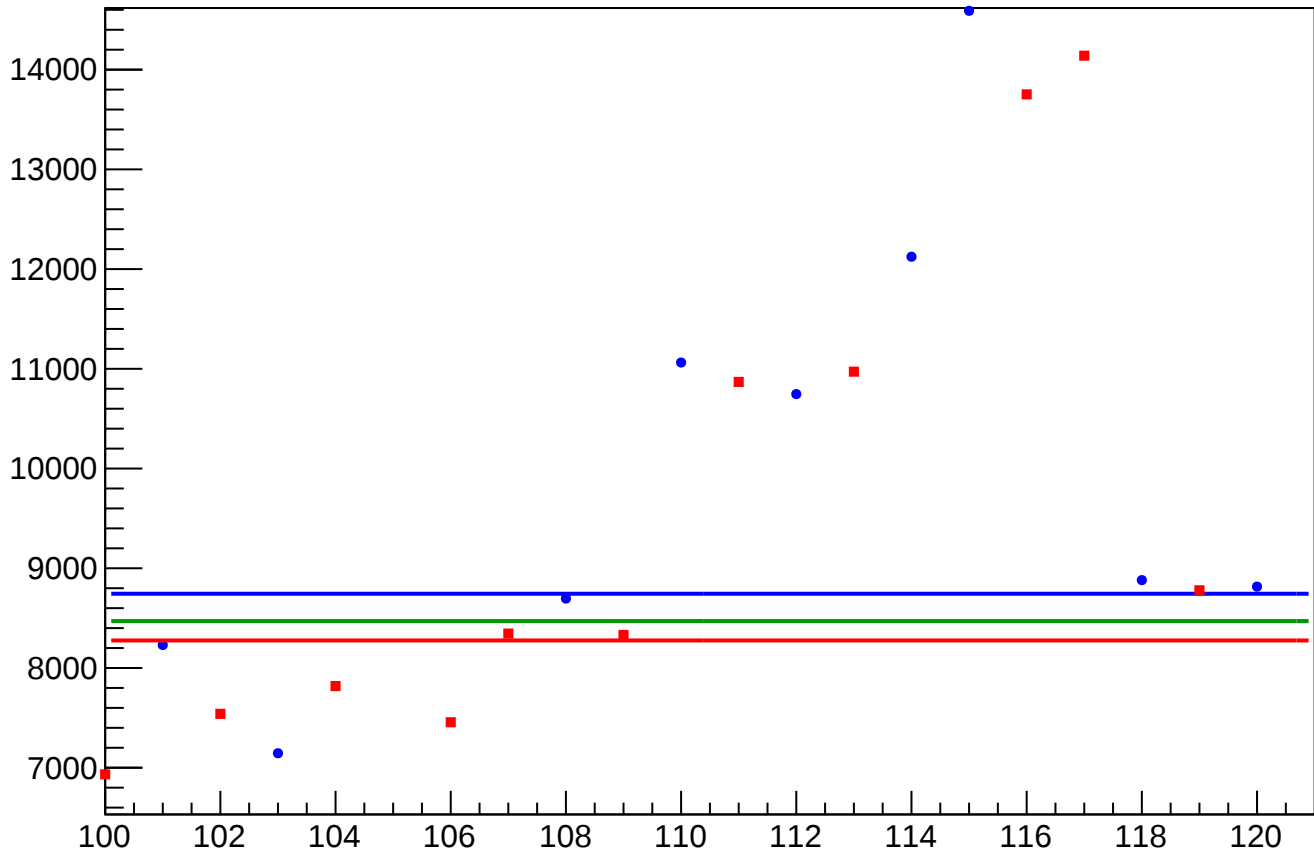
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.439+/-4.826 χ^2/NDF : 9.8/8

-5.247+/-3.109 χ^2/NDF : 23.3/20

-5.820+/-4.065 χ^2/NDF : 13.4/11

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8744.517 $\pm$ 3.412 χ^2 /NDF: 186796.5/8

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

Right Out: 8276.292 $\pm$ 2.874 χ^2 /NDF: 279095.0/11

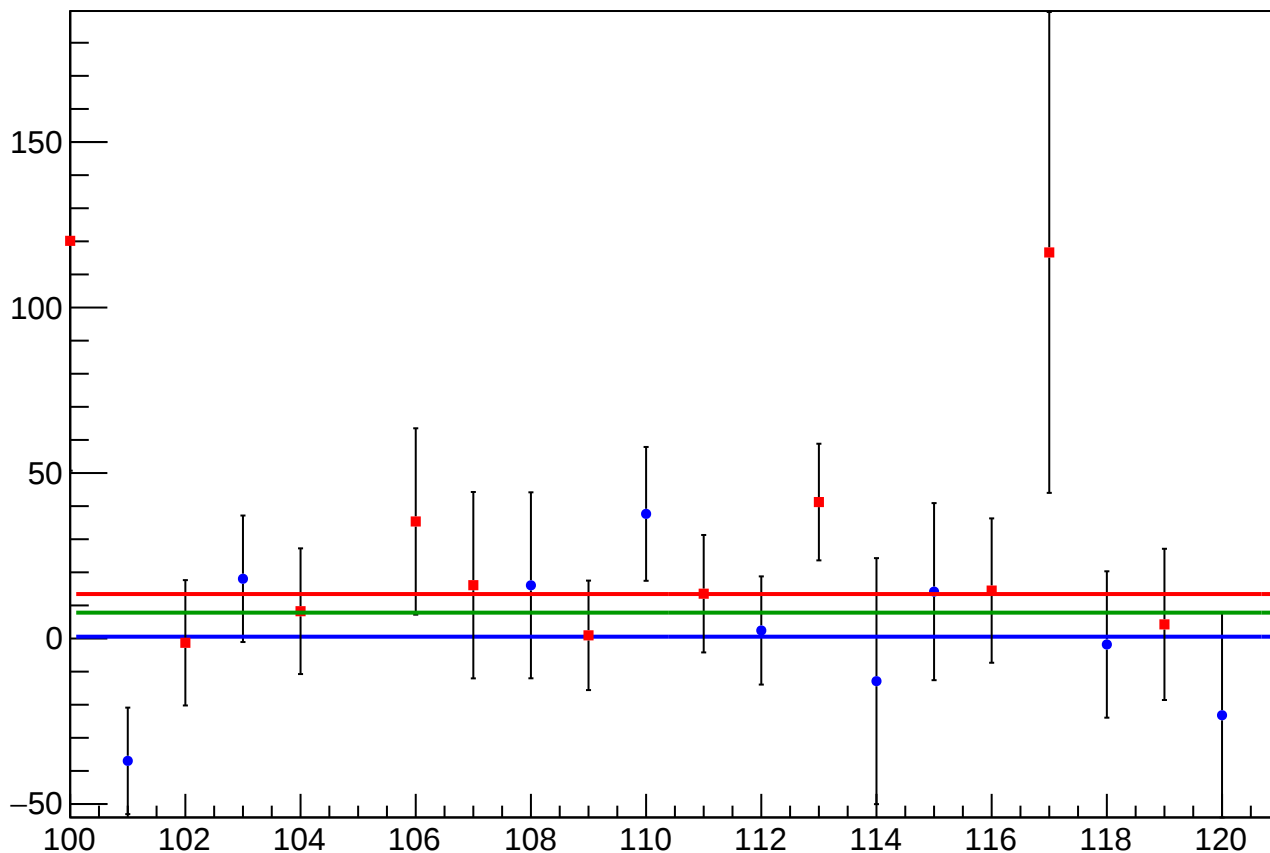
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8744.517 $\pm$ 3.412 χ^2 /NDF: 186796.5/8

8470.608 $\pm$ 2.198 χ^2 /NDF: 476906.1/20

8276.292 $\pm$ 2.874 χ^2 /NDF: 279095.0/11

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: 0.556 $\pm$ 7.203 χ^2 /NDF: 11.0/8

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

Right Out: 13.440 $\pm$ 6.337 χ^2 /NDF: 9.8/11

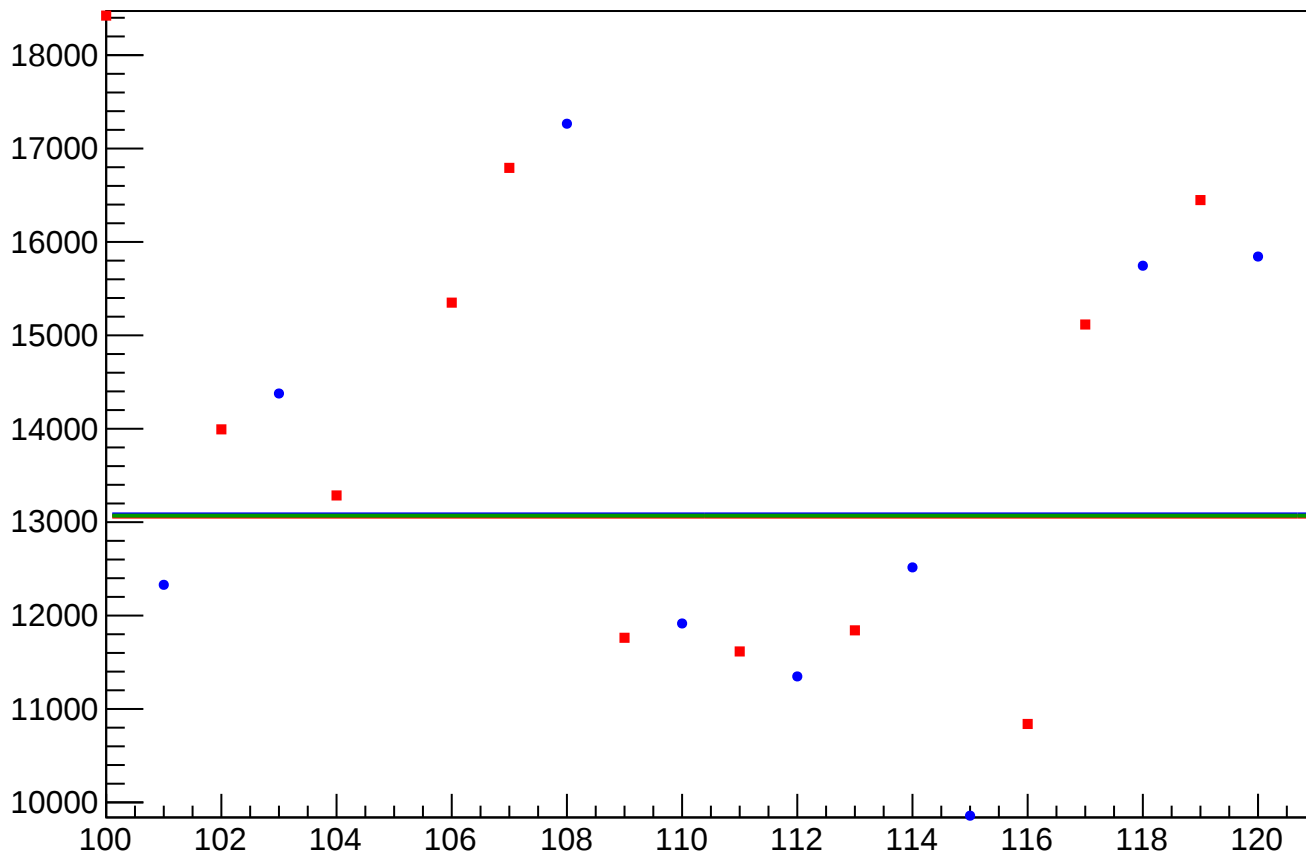
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.556 $\pm$ 7.203 χ^2 /NDF: 11.0/8

7.819 $\pm$ 4.758 χ^2 /NDF: 22.6/20

13.440 $\pm$ 6.337 χ^2 /NDF: 9.8/11

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13083.117+/-5.093 χ^2/NDF : 161605.8/8

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

Right Out: 13059.564+/-4.481 χ^2/NDF : 167632.4/11

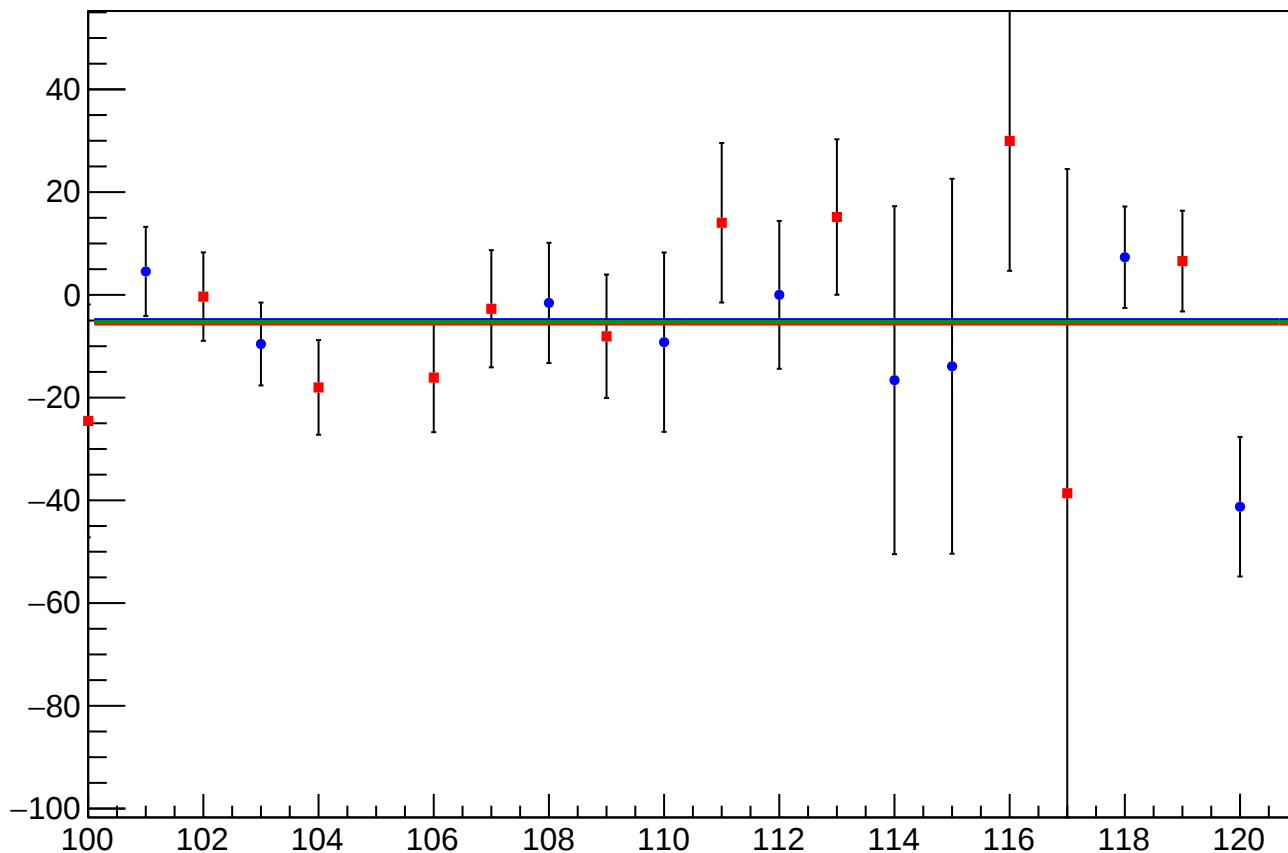
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13083.117+/-5.093 χ^2/NDF : 161605.8/8

13069.839+/-3.364 χ^2/NDF : 329250.3/20

13059.564+/-4.481 χ^2/NDF : 167632.4/11

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -4.915+/-4.038 χ^2/NDF : 10.7/8

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

Right Out: -5.566+/-3.510 χ^2/NDF : 13.4/11

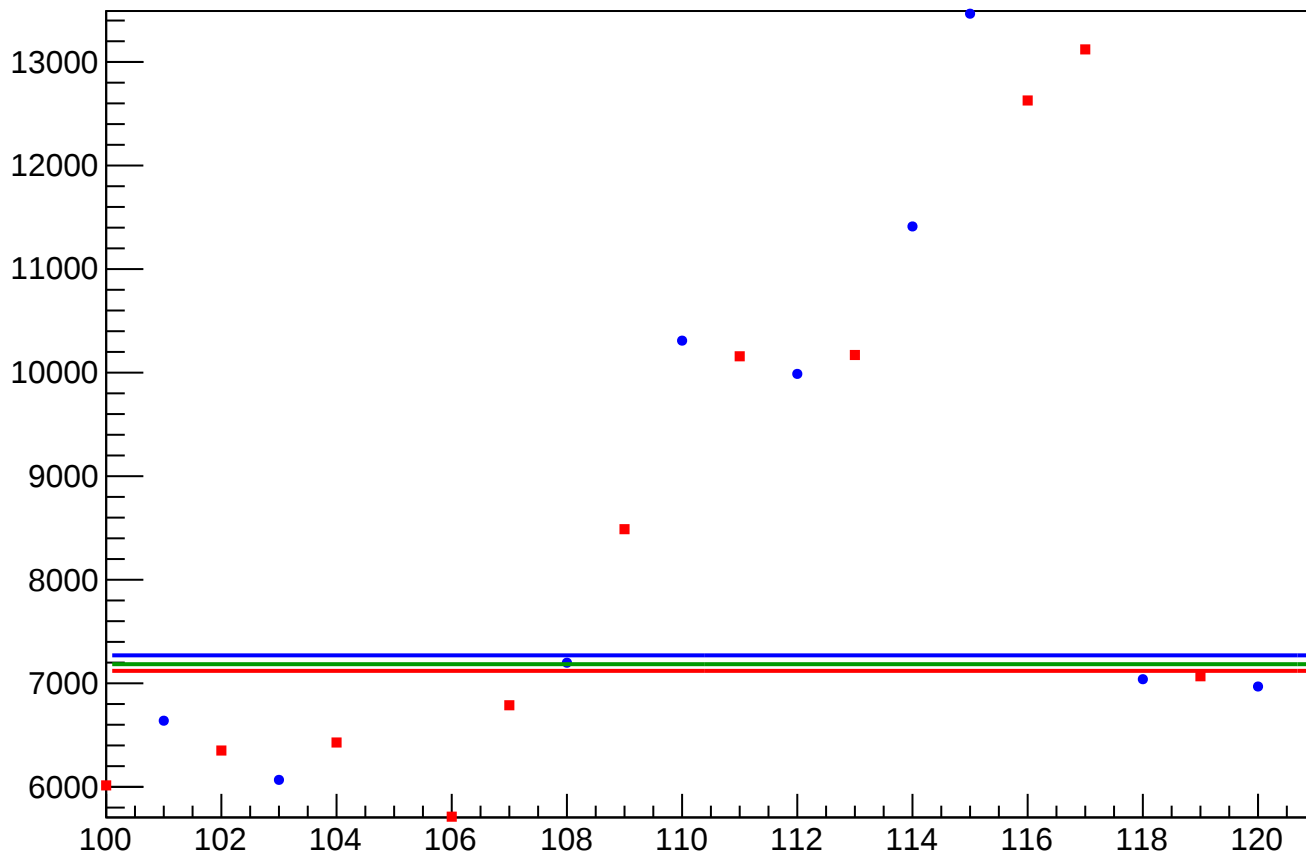
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.915+/-4.038 χ^2/NDF : 10.7/8

-5.286+/-2.649 χ^2/NDF : 24.0/20

-5.566+/-3.510 χ^2/NDF : 13.4/11

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7270.002 $\pm$ 2.855 χ^2 /NDF: 276682.0/8

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

Right Out: 7120.239 $\pm$ 2.482 χ^2 /NDF: 383153.0/11

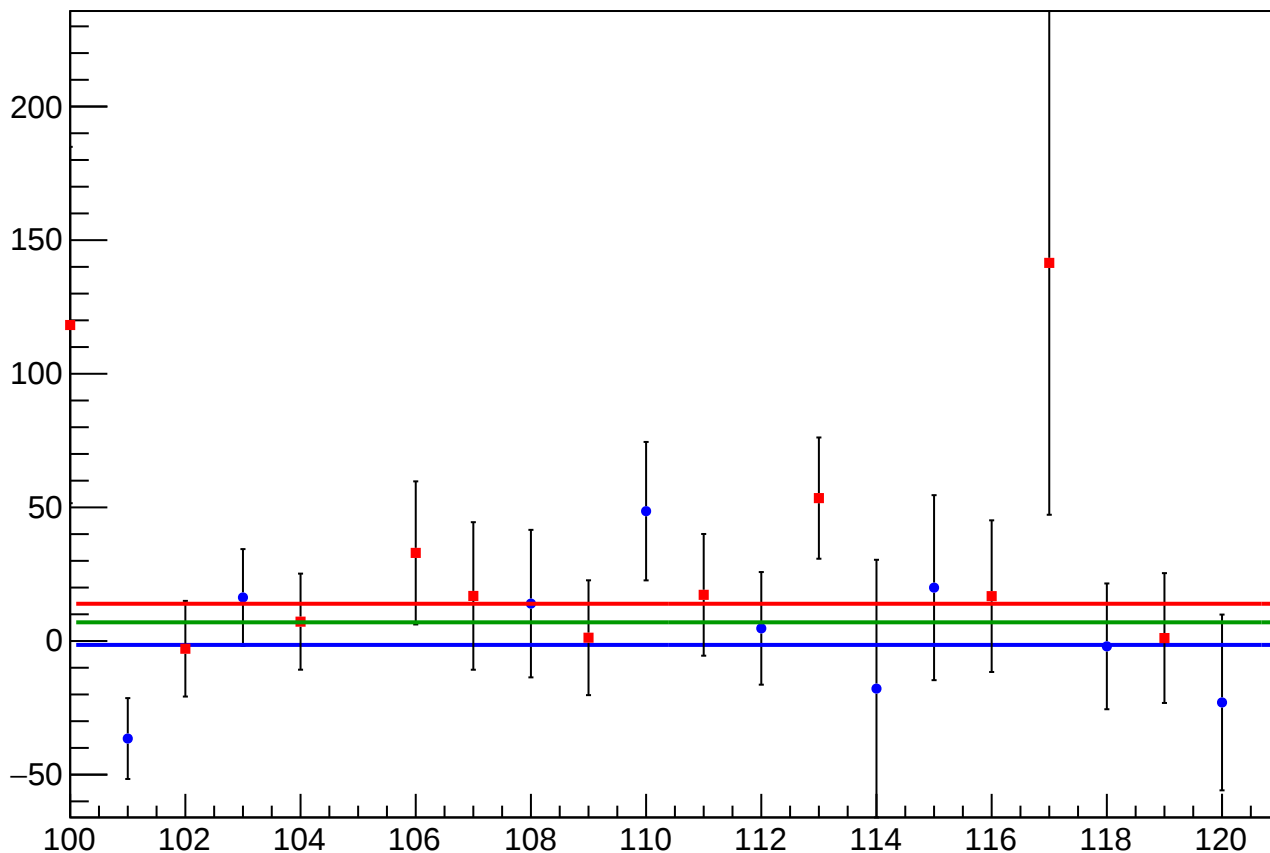
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7270.002 $\pm$ 2.855 χ^2 /NDF: 276682.0/8

7184.704 $\pm$ 1.873 χ^2 /NDF: 661402.2/20

7120.239 $\pm$ 2.482 χ^2 /NDF: 383153.0/11

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.457 ± 7.791 χ^2/NDF : 11.4/8

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

Right Out: 13.943 ± 7.063 χ^2/NDF : 10.1/11

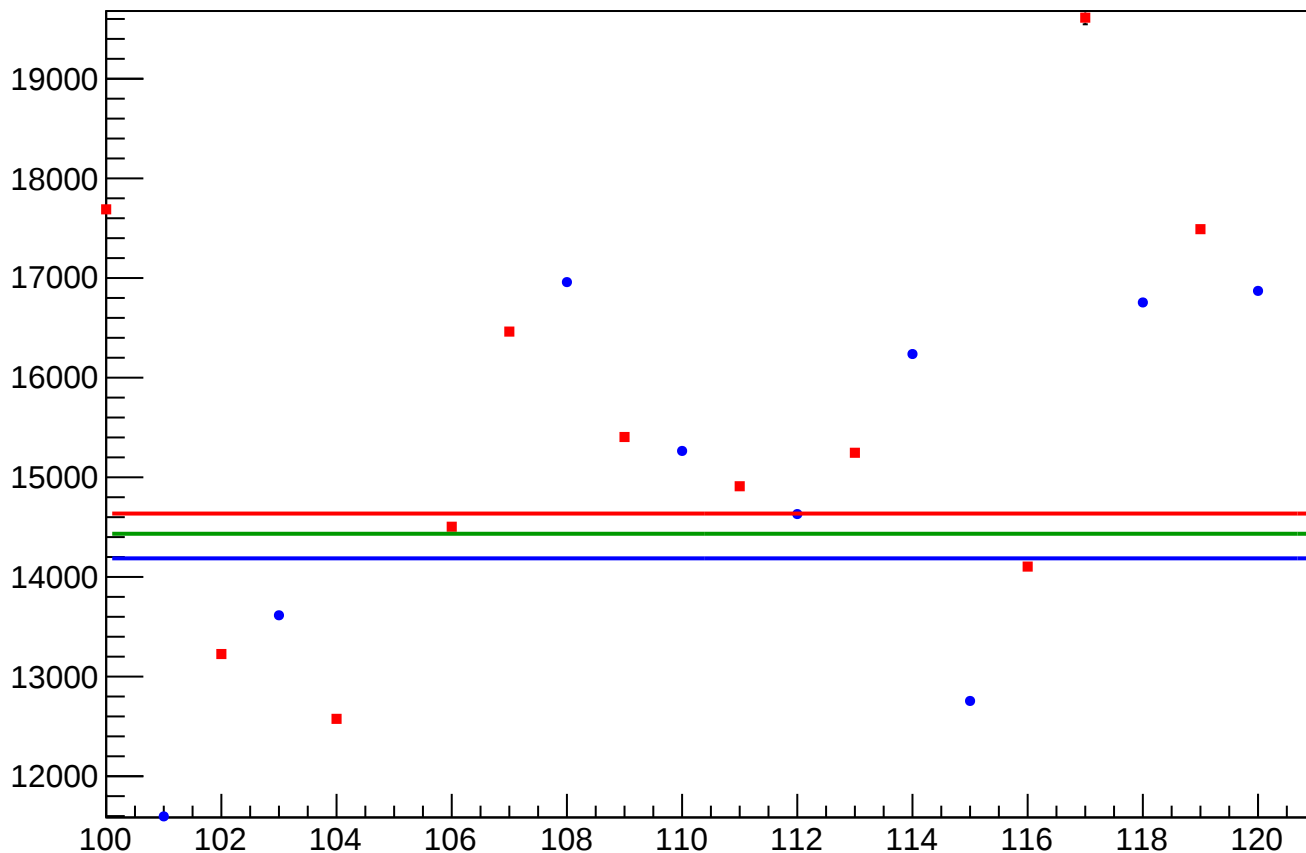
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.457 ± 7.791 χ^2/NDF : 11.4/8

6.997 ± 5.233 χ^2/NDF : 23.6/20

13.943 ± 7.063 χ^2/NDF : 10.1/11

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 14186.627+/-5.509 χ^2/NDF : 129301.9/8

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

Right Out: 14636.194+/-4.994 χ^2/NDF : 89934.7/11

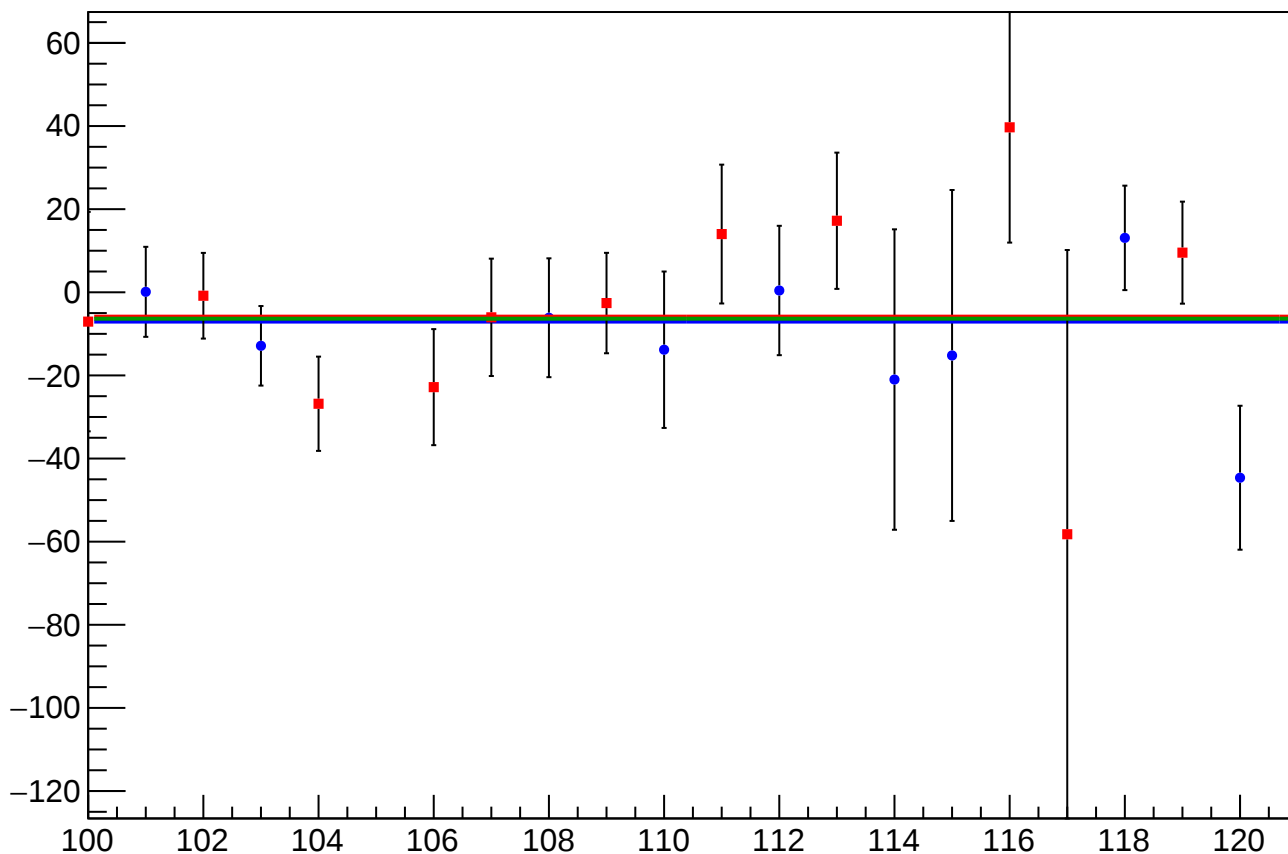
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14186.627+/-5.509 χ^2/NDF : 129301.9/8

14433.419+/-3.700 χ^2/NDF : 222891.9/20

14636.194+/-4.994 χ^2/NDF : 89934.7/11

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -7.046+/-4.859 χ^2 /NDF: 8.6/8

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

Right Out: -5.863+/-4.095 χ^2 /NDF: 15.3/11

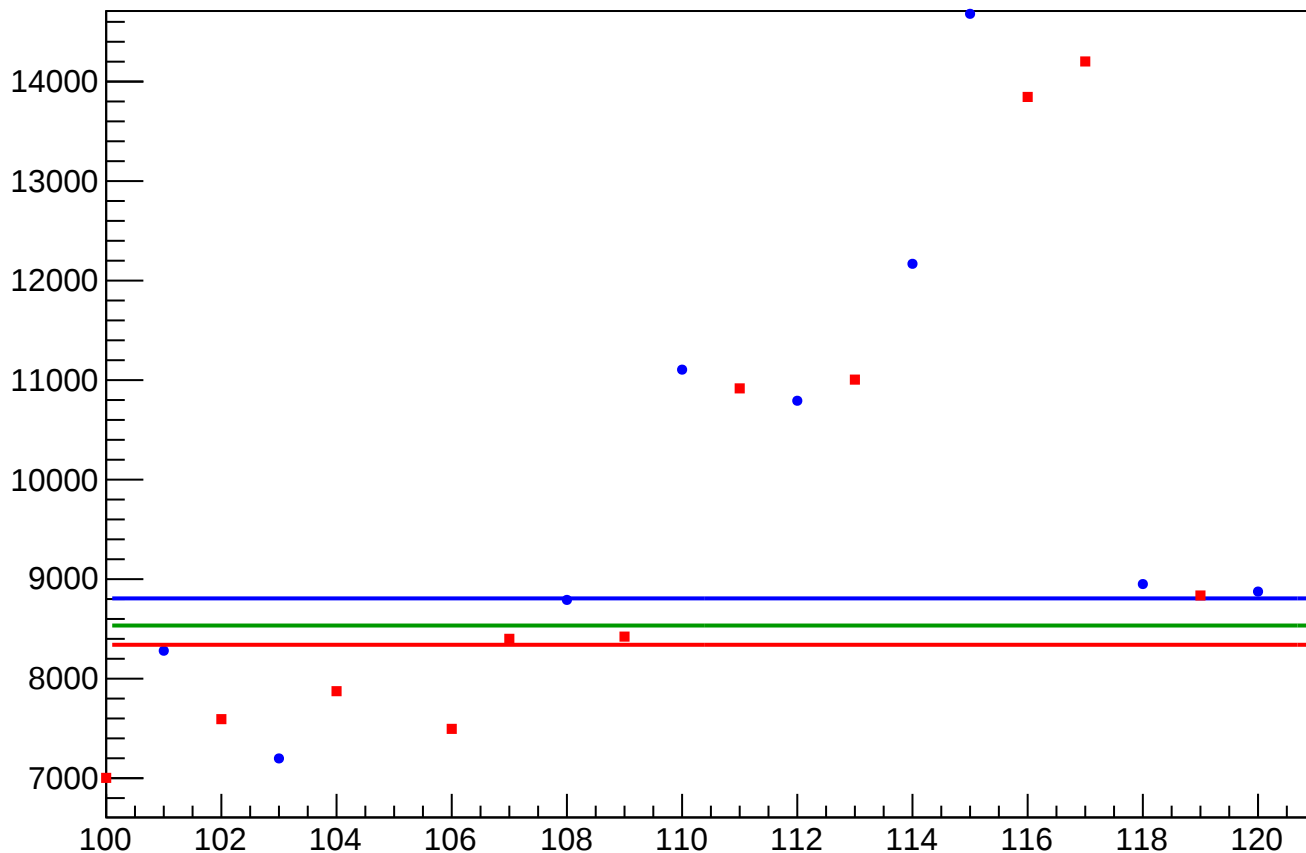
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-7.046+/-4.859 χ^2 /NDF: 8.6/8

-6.354+/-3.131 χ^2 /NDF: 23.9/20

-5.863+/-4.095 χ^2 /NDF: 15.3/11

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8806.612 $\pm$ 3.436 χ^2 /NDF: 184745.1/8

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

Right Out: 8340.473 $\pm$ 2.895 χ^2 /NDF: 274742.9/11

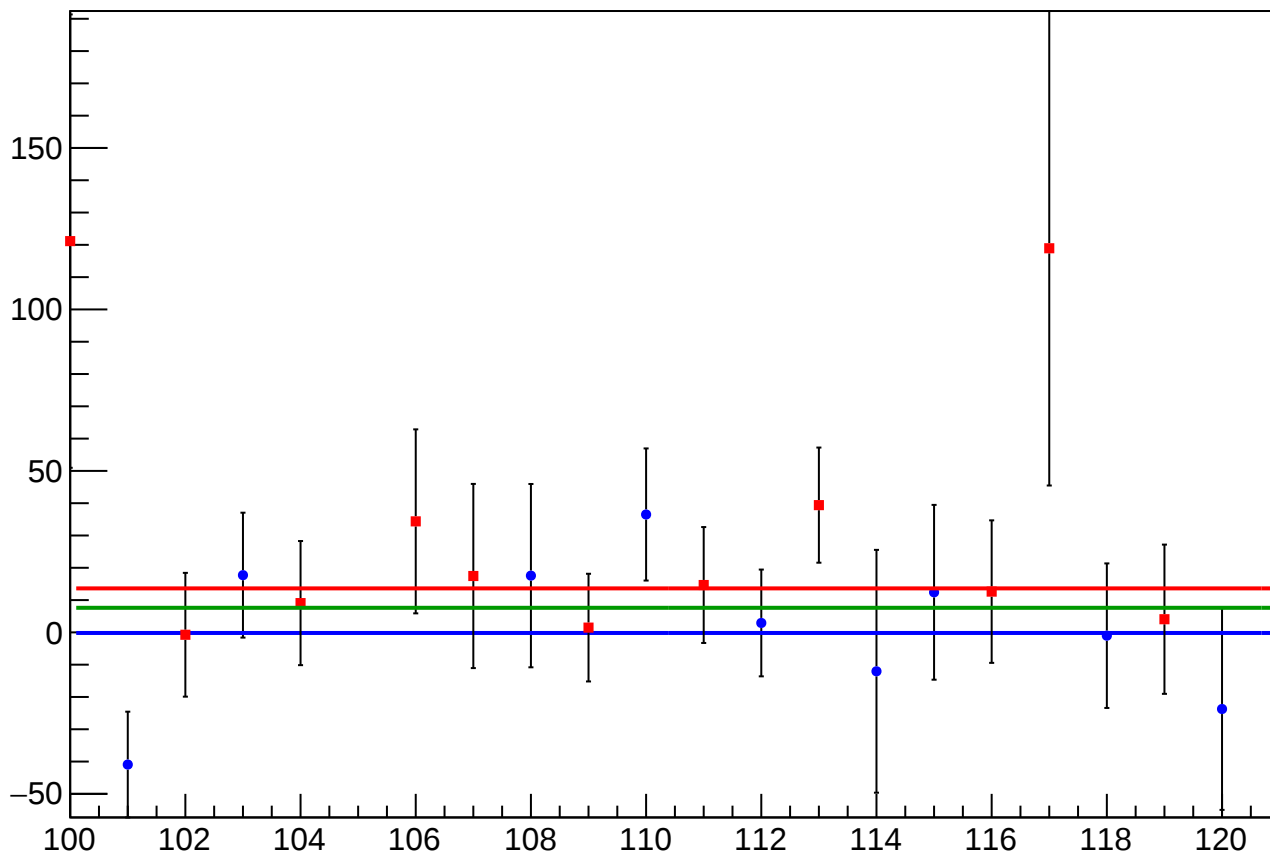
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8806.612 $\pm$ 3.436 χ^2 /NDF: 184745.1/8

8534.036 $\pm$ 2.214 χ^2 /NDF: 470250.4/20

8340.473 $\pm$ 2.895 χ^2 /NDF: 274742.9/11

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.183 ± 7.296 χ^2/NDF : 11.6/8

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

Right Out: 13.622 ± 6.408 χ^2/NDF : 9.1/11

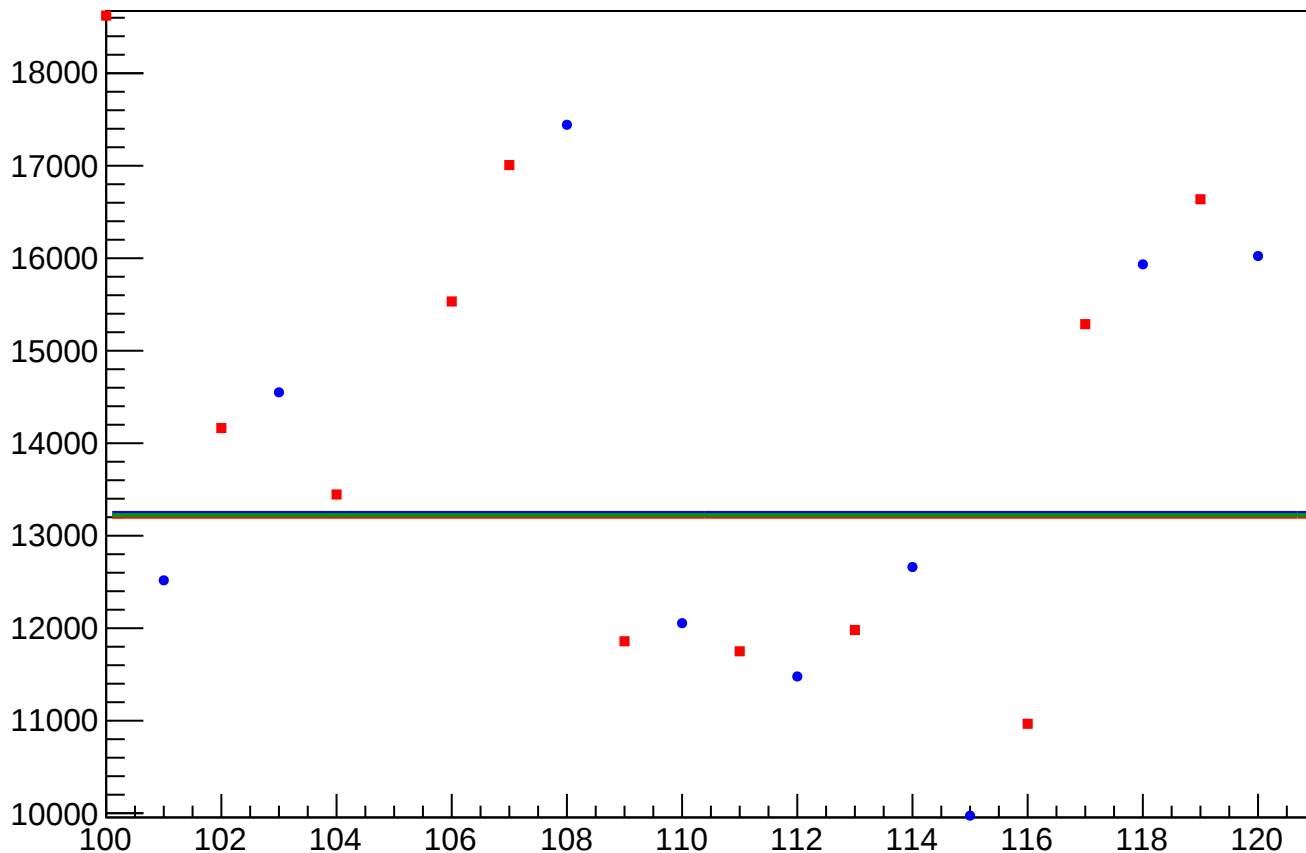
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.183 ± 7.296 χ^2/NDF : 11.6/8

7.610 ± 4.815 χ^2/NDF : 22.7/20

13.622 ± 6.408 χ^2/NDF : 9.1/11

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13246.010 $\pm$ 5.159 χ^2 /NDF: 160824.0/8

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

Right Out: 13206.082 $\pm$ 4.531 χ^2 /NDF: 168770.0/11

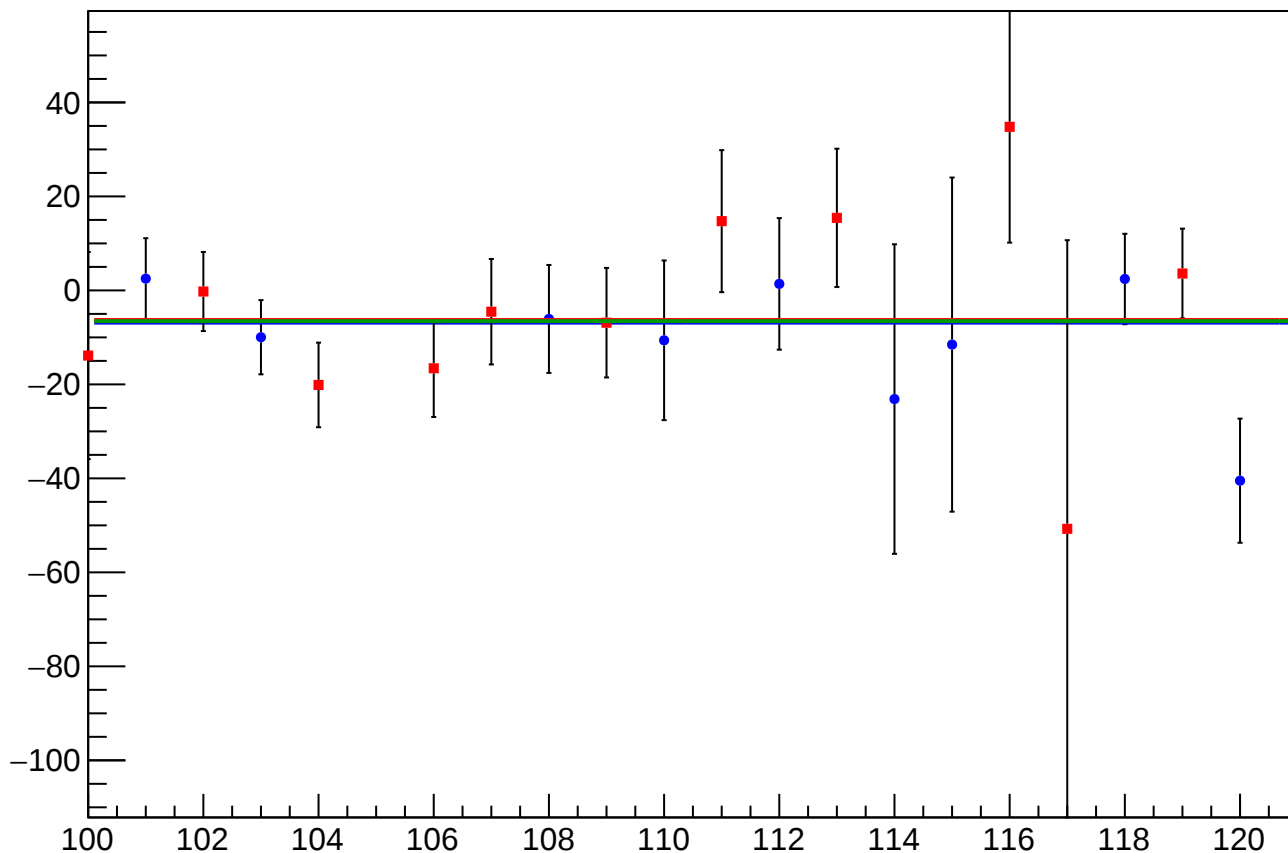
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

13246.010 $\pm$ 5.159 χ^2 /NDF: 160824.0/8

13223.470 $\pm$ 3.404 χ^2 /NDF: 329627.8/20

13206.082 $\pm$ 4.531 χ^2 /NDF: 168770.0/11

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -6.852+/-3.955 χ^2 /NDF: 9.4/8

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

Right Out: -6.308+/-3.424 χ^2 /NDF: 15.4/11

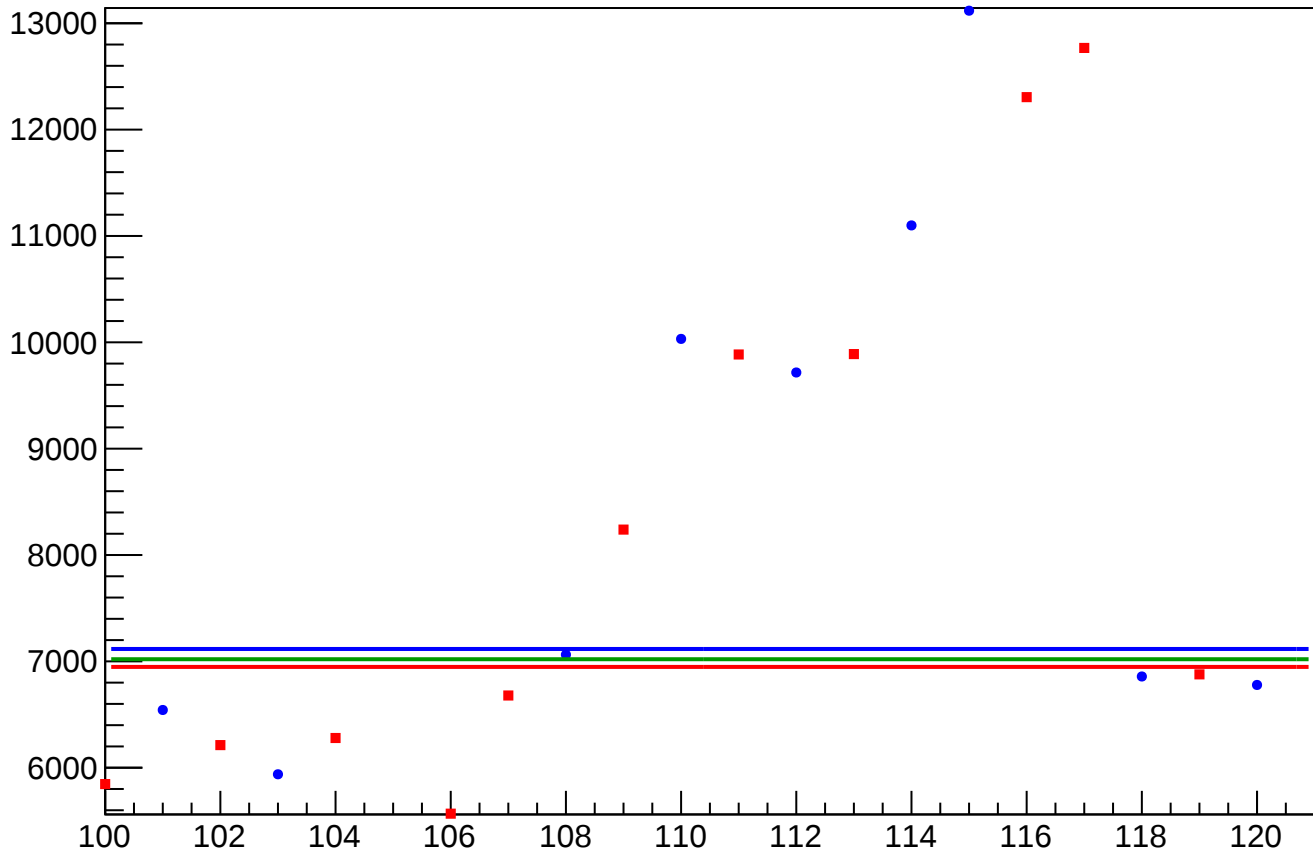
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-6.852+/-3.955 χ^2 /NDF: 9.4/8

-6.541+/-2.589 χ^2 /NDF: 24.8/20

-6.308+/-3.424 χ^2 /NDF: 15.4/11

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7116.569+/-2.796 χ^2/NDF : 270358.3/8

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

Right Out: 6947.798+/-2.421 χ^2/NDF : 378681.6/11

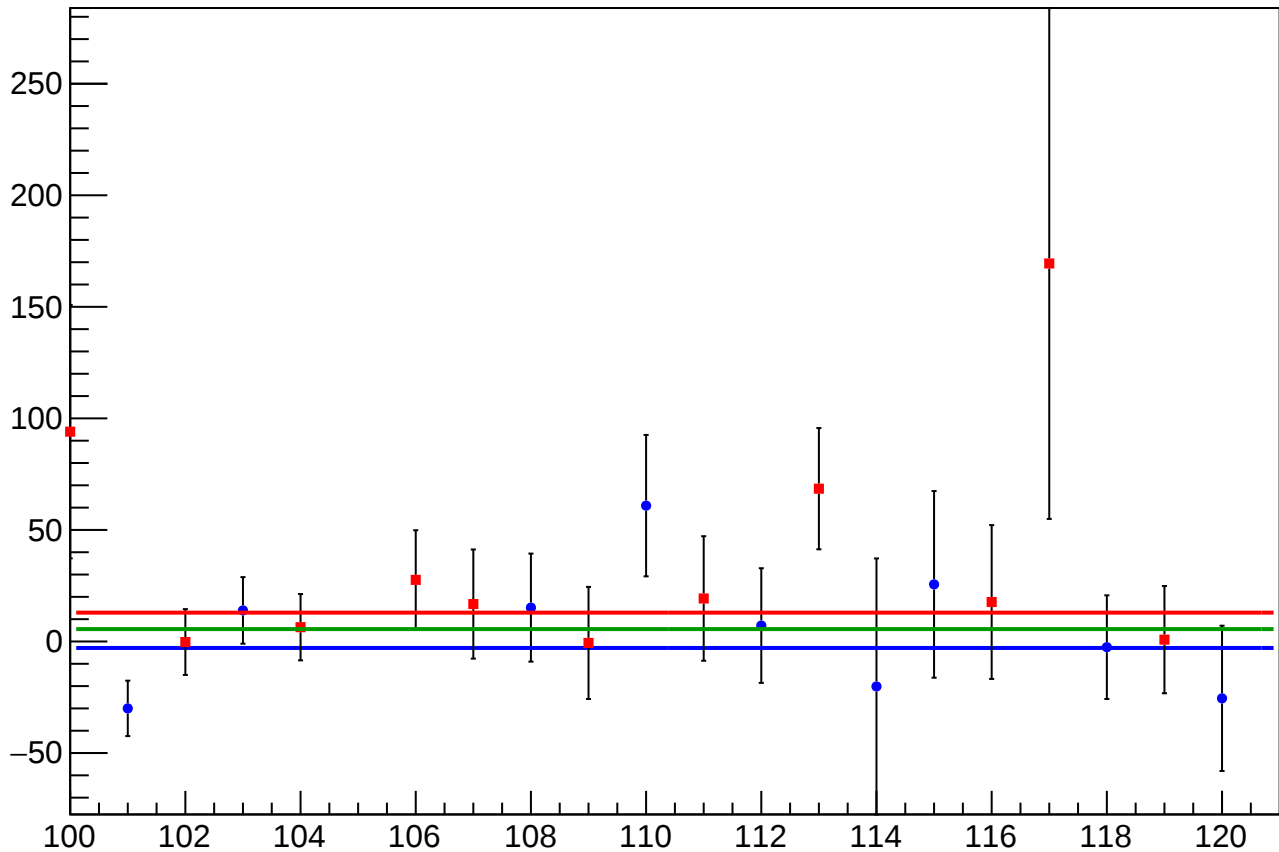
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7116.569+/-2.796 χ^2/NDF : 270358.3/8

7020.113+/-1.831 χ^2/NDF : 651121.6/20

6947.798+/-2.421 χ^2/NDF : 378681.6/11

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -2.904+/-7.282 χ^2/NDF : 11.8/8

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

Right Out: 12.931+/-6.801 χ^2/NDF : 10.6/11

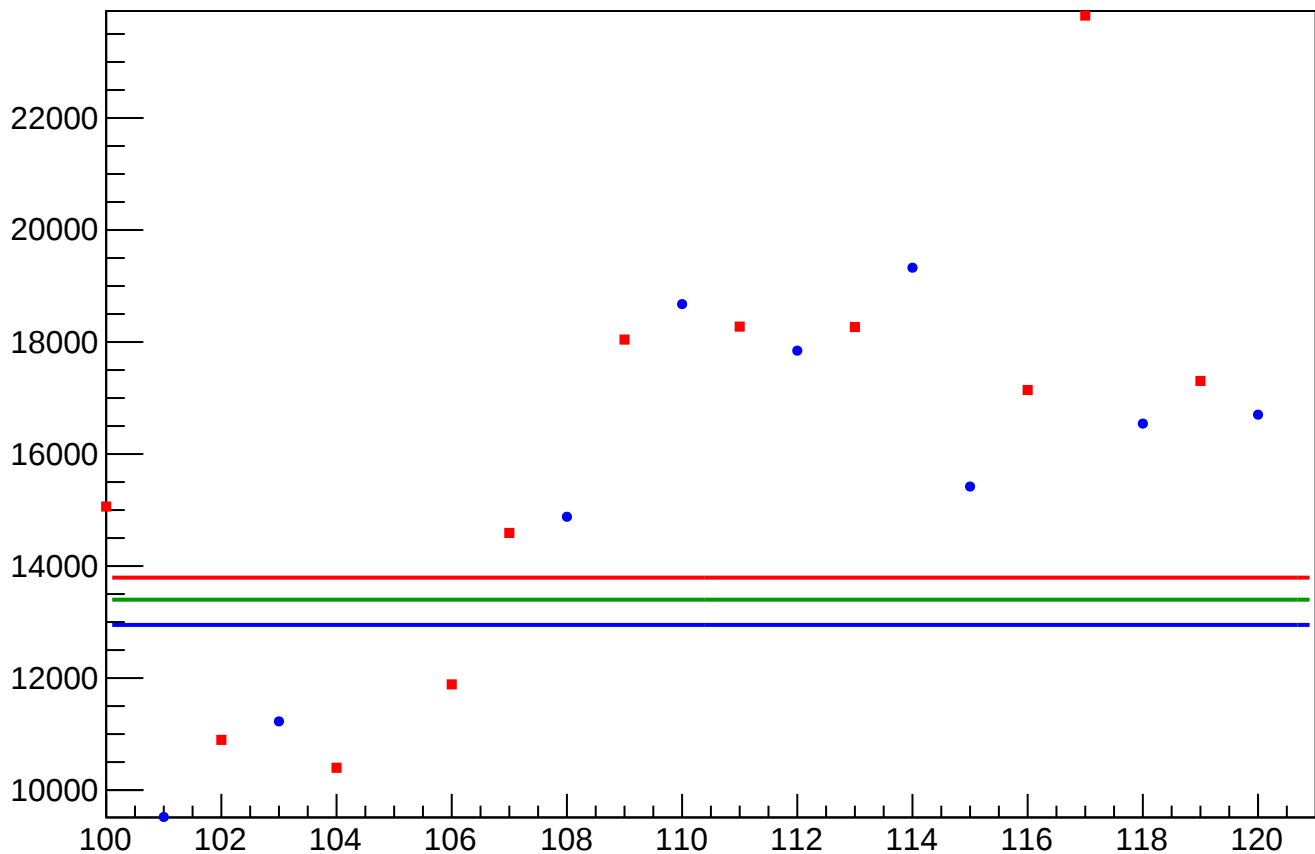
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.904+/-7.282 χ^2/NDF : 11.8/8

5.553+/-4.970 χ^2/NDF : 25.0/20

12.931+/-6.801 χ^2/NDF : 10.6/11

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 12949.122+/-5.149 χ^2/NDF : 435885.3/8

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

Right Out: 13793.063+/-4.809 χ^2/NDF : 447569.1/11

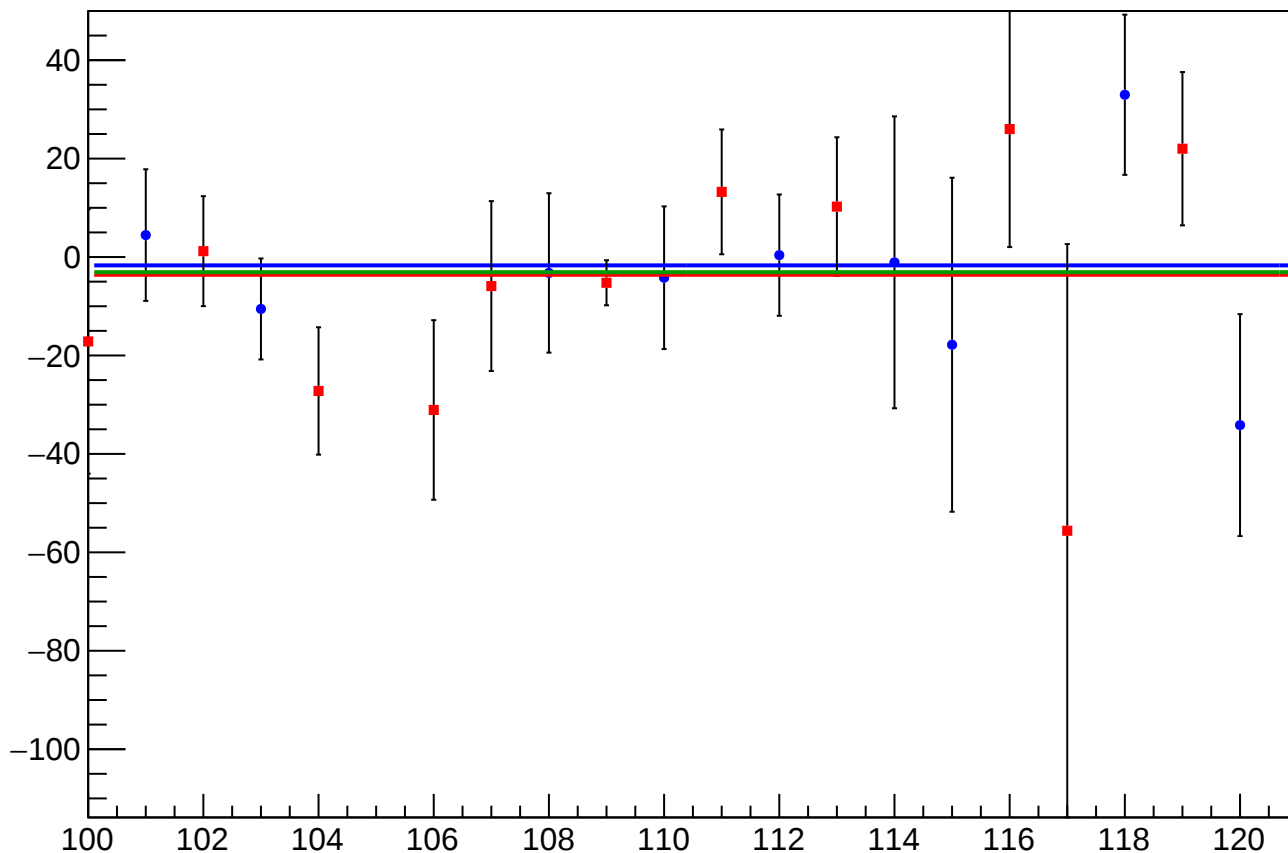
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12949.122+/-5.149 χ^2/NDF : 435885.3/8

13399.842+/-3.515 χ^2/NDF : 897801.9/20

13793.063+/-4.809 χ^2/NDF : 447569.1/11

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: -1.694+/-5.130 χ^2 /NDF: 7.9/8

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

Right Out: -3.609+/-3.203 χ^2 /NDF: 14.0/11

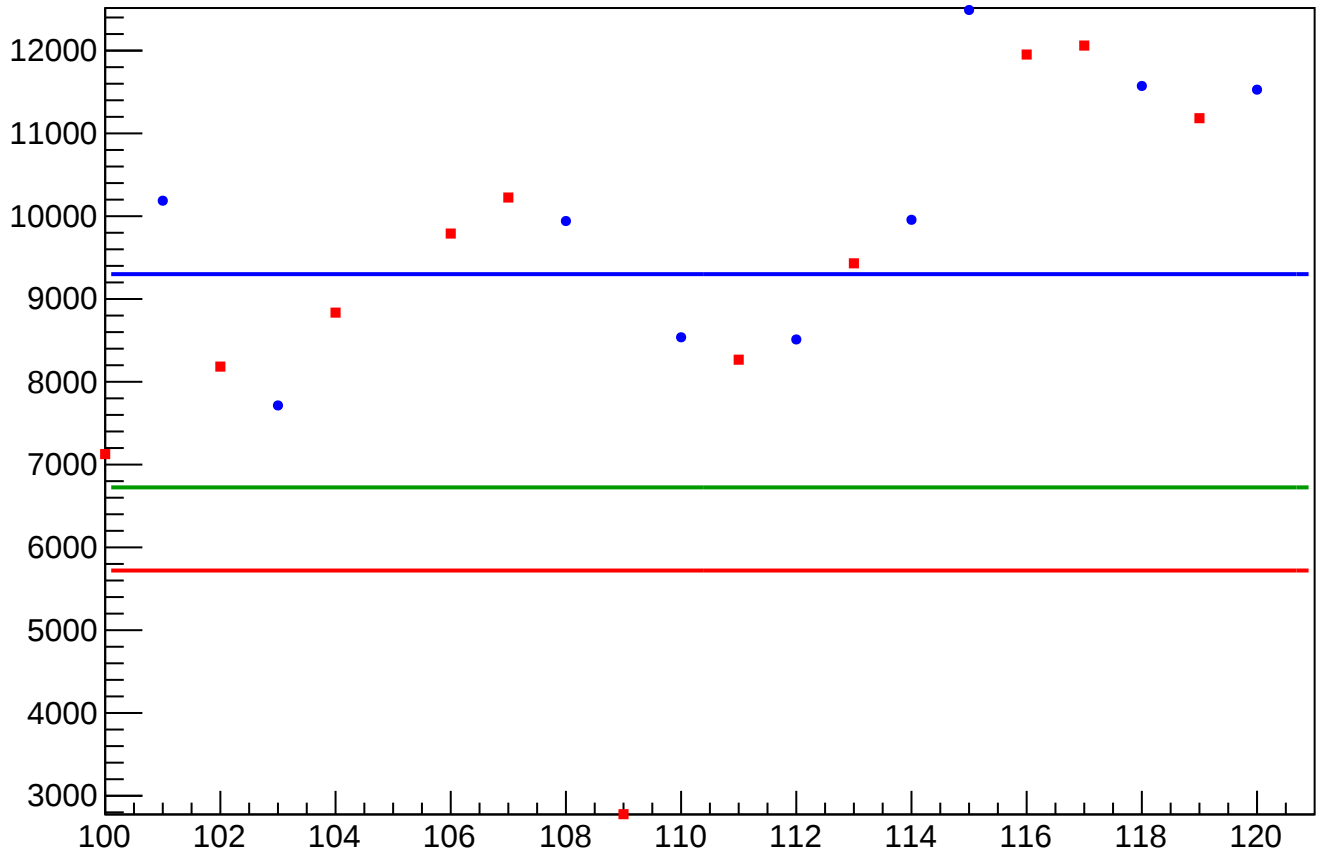
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.694+/-5.130 χ^2 /NDF: 7.9/8

-3.072+/-2.717 χ^2 /NDF: 22.0/20

-3.609+/-3.203 χ^2 /NDF: 14.0/11

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 9300.194+/-3.628 χ^2/NDF : 150641.8/8

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

Right Out: 5720.623+/-2.265 χ^2/NDF : 1907044.5/11

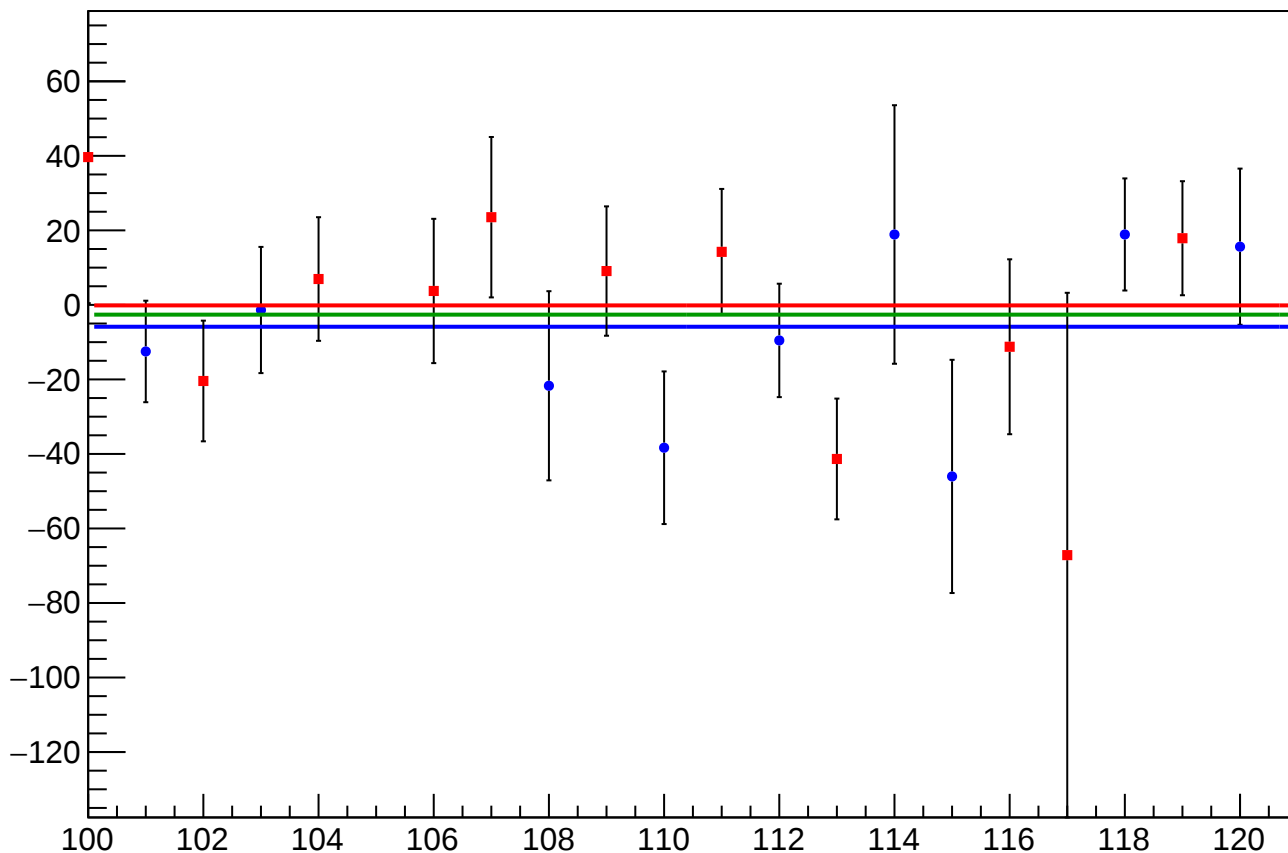
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9300.194+/-3.628 χ^2/NDF : 150641.8/8

6724.831+/-1.921 χ^2/NDF : 2758244.1/20

5720.623+/-2.265 χ^2/NDF : 1907044.5/11

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -5.864+/-6.240 χ^2/NDF : 9.2/8

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

Right Out: -0.136+/-5.454 χ^2/NDF : 14.0/11

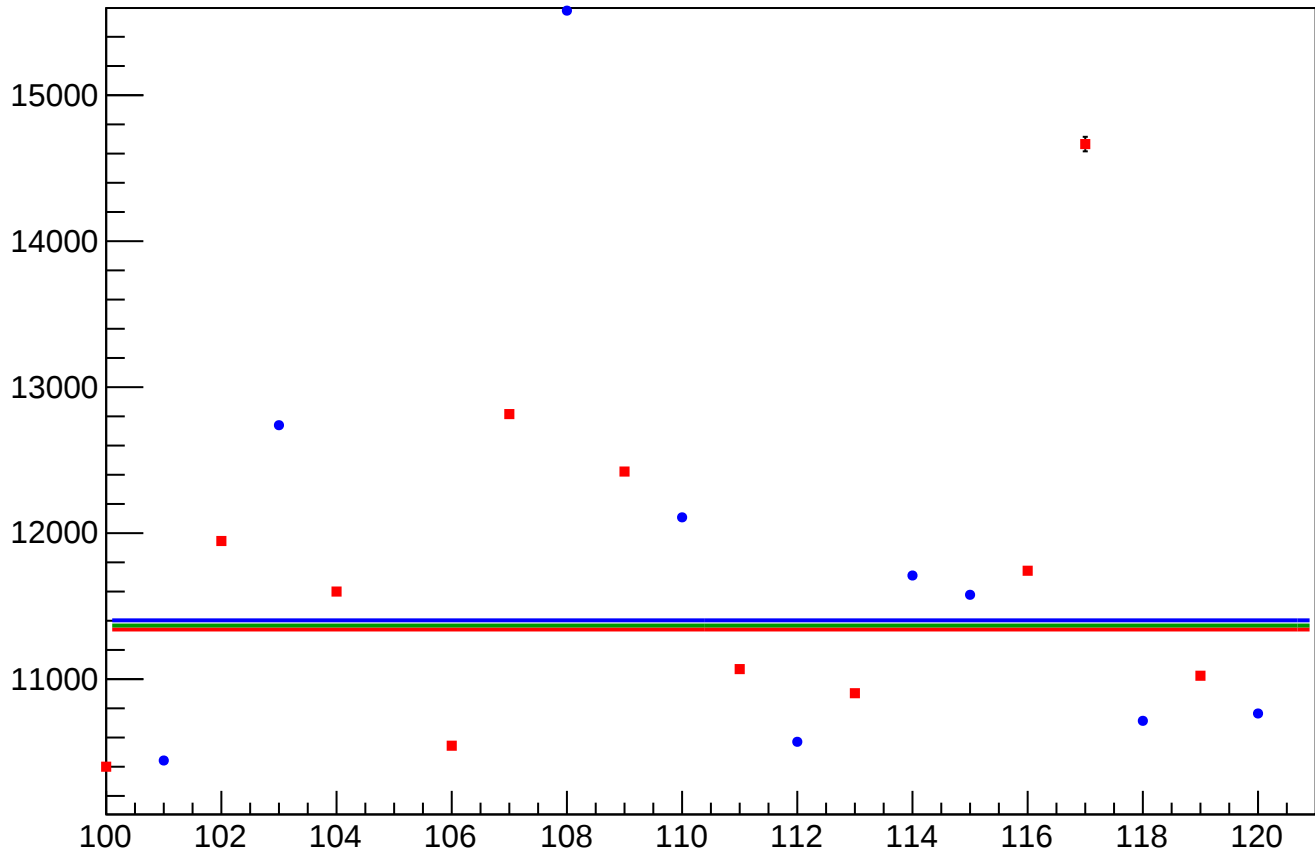
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.864+/-6.240 χ^2/NDF : 9.2/8

-2.617+/-4.107 χ^2/NDF : 23.7/20

-0.136+/-5.454 χ^2/NDF : 14.0/11

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11402.665 $\pm$ 4.413 χ^2 /NDF: 91152.0/8

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

Right Out: 11340.135 $\pm$ 3.857 χ^2 /NDF: 44746.4/11

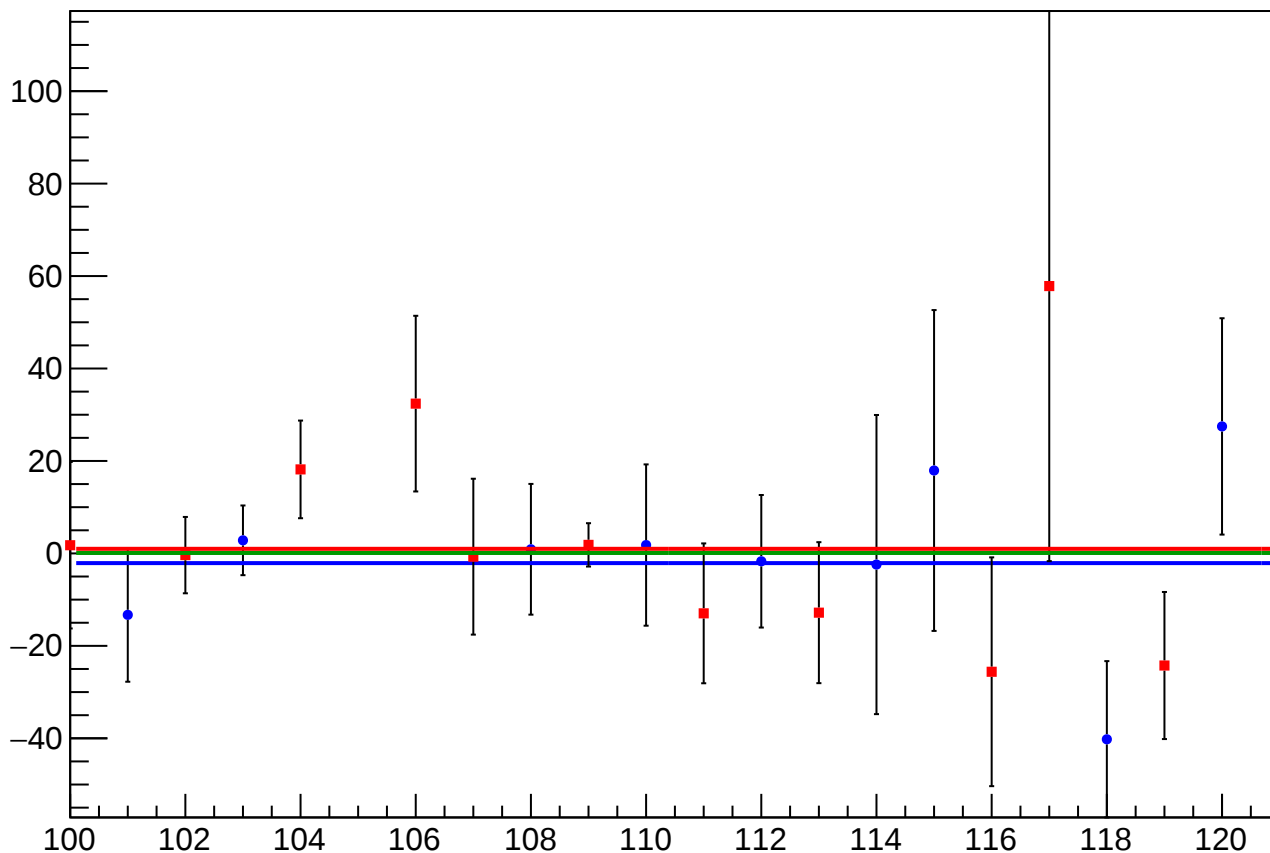
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

11402.665 $\pm$ 4.413 χ^2 /NDF: 91152.0/8

11367.216 $\pm$ 2.904 χ^2 /NDF: 136012.3/20

11340.135 $\pm$ 3.857 χ^2 /NDF: 44746.4/11

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -2.098+/-4.843 χ^2/NDF : 8.1/8

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

Right Out: 0.995+/-3.106 χ^2/NDF : 11.7/11

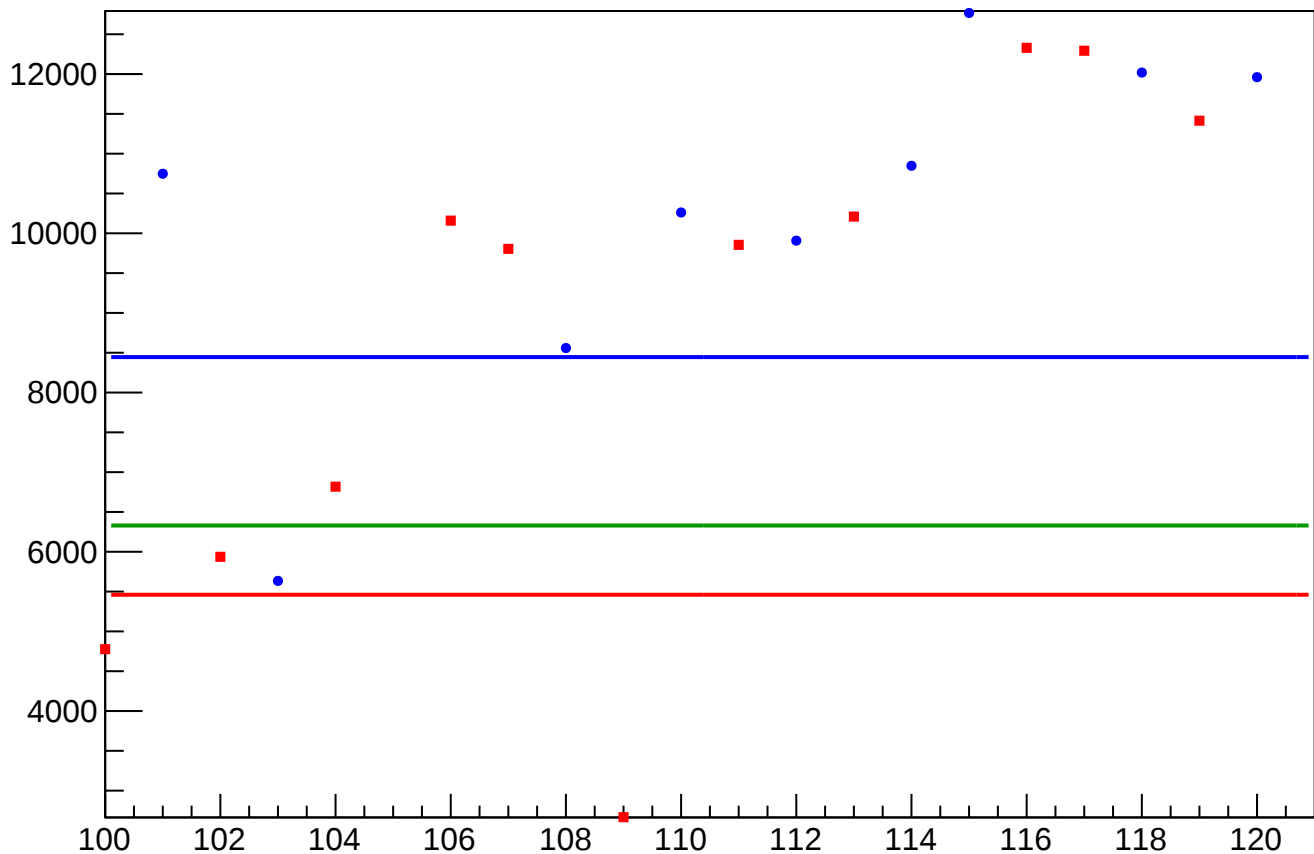
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.098+/-4.843 χ^2/NDF : 8.1/8

0.094+/-2.614 χ^2/NDF : 20.1/20

0.995+/-3.106 χ^2/NDF : 11.7/11

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 8445.232 $\pm$ 3.425 χ^2 /NDF: 547840.7/8

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

Right Out: 5460.264 $\pm$ 2.196 χ^2 /NDF: 1837059.7/11

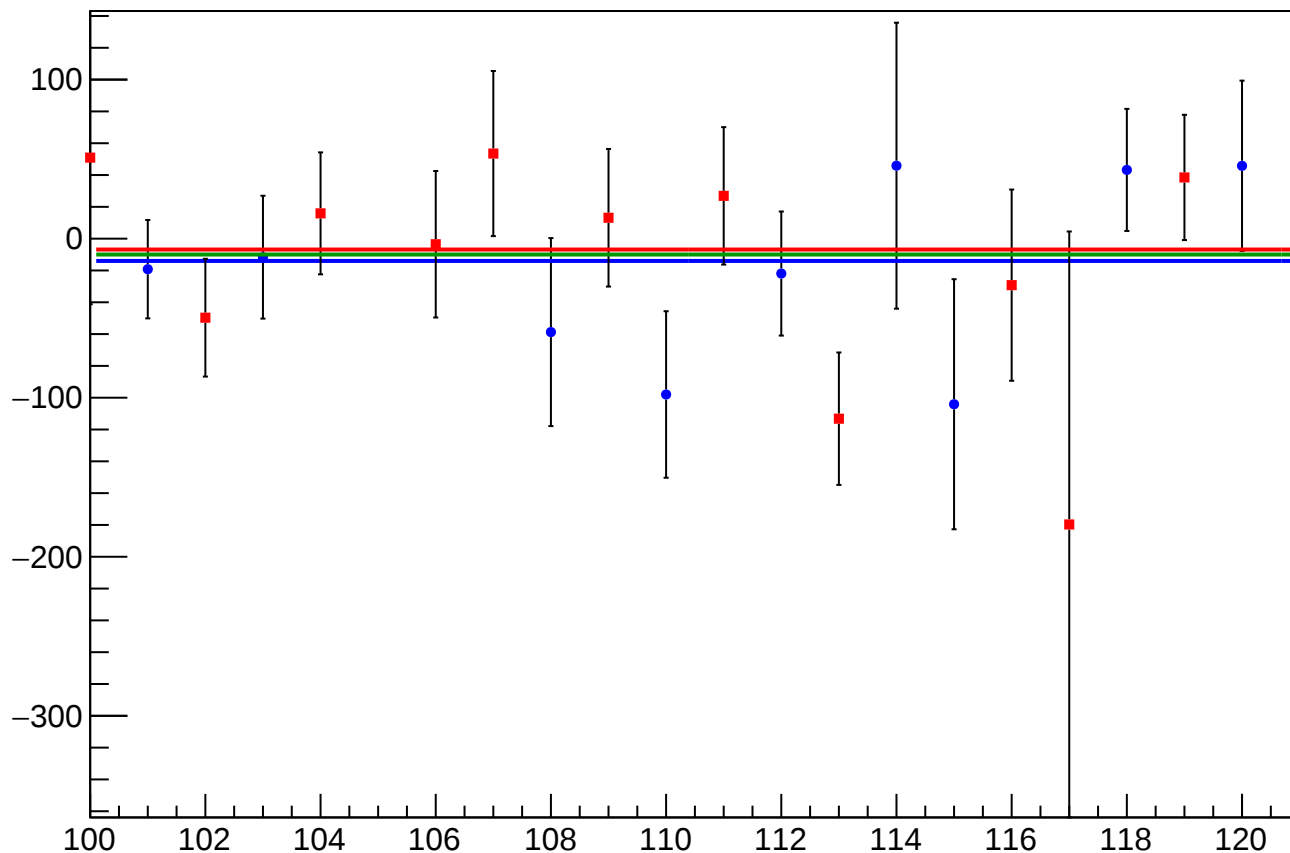
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8445.232 $\pm$ 3.425 χ^2 /NDF: 547840.7/8

6329.988 $\pm$ 1.849 χ^2 /NDF: 2923265.1/20

5460.264 $\pm$ 2.196 χ^2 /NDF: 1837059.7/11

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -14.003+/-15.184 χ^2/NDF : 8.4/8

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

Right Out: -6.832+/-13.413 χ^2/NDF : 13.1/11

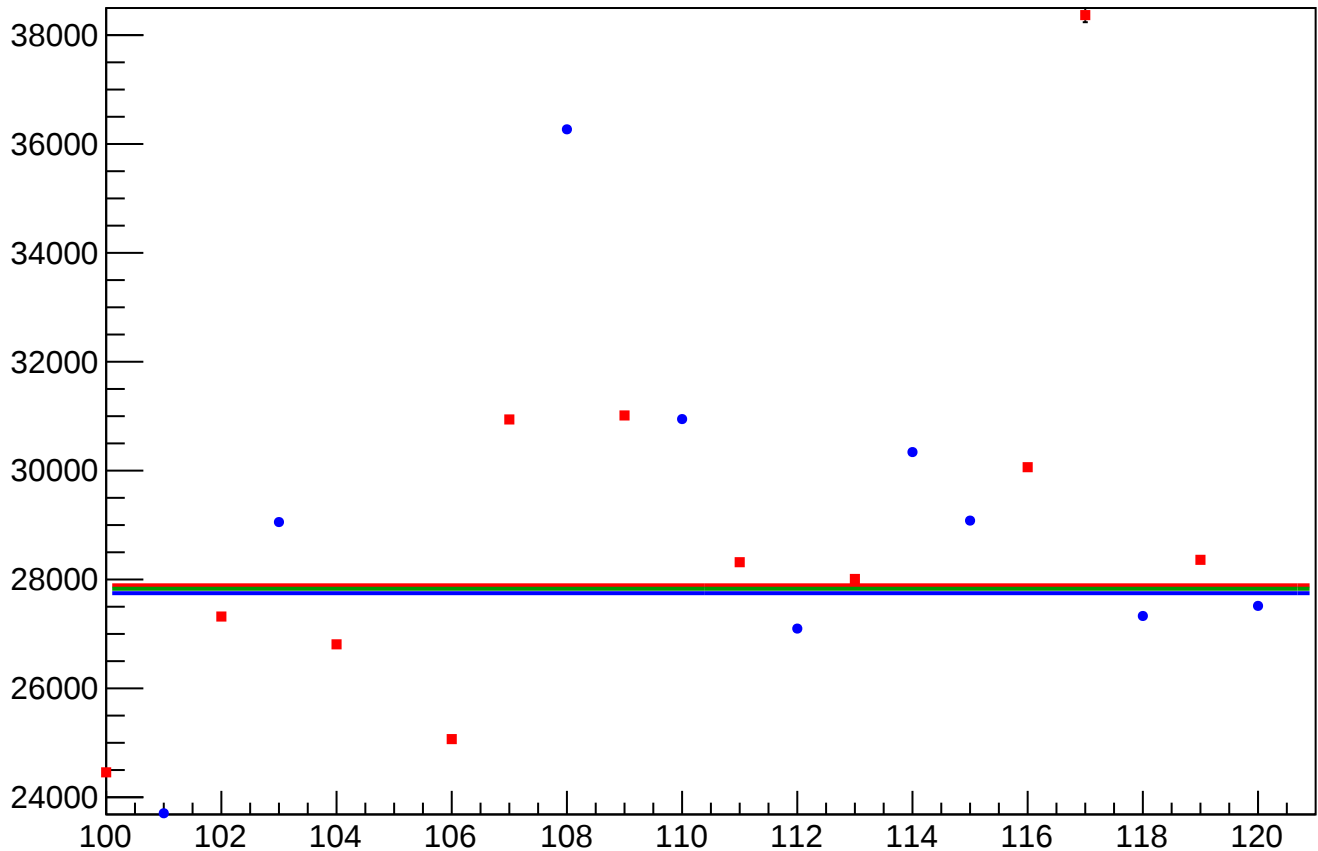
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-14.003+/-15.184 χ^2/NDF : 8.4/8

-9.975+/-10.053 χ^2/NDF : 21.7/20

-6.832+/-13.413 χ^2/NDF : 13.1/11

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 27748.576+/-10.737 χ^2/NDF : 88562.5/8

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

Right Out: 27893.077+/-9.485 χ^2/NDF : 46013.8/11

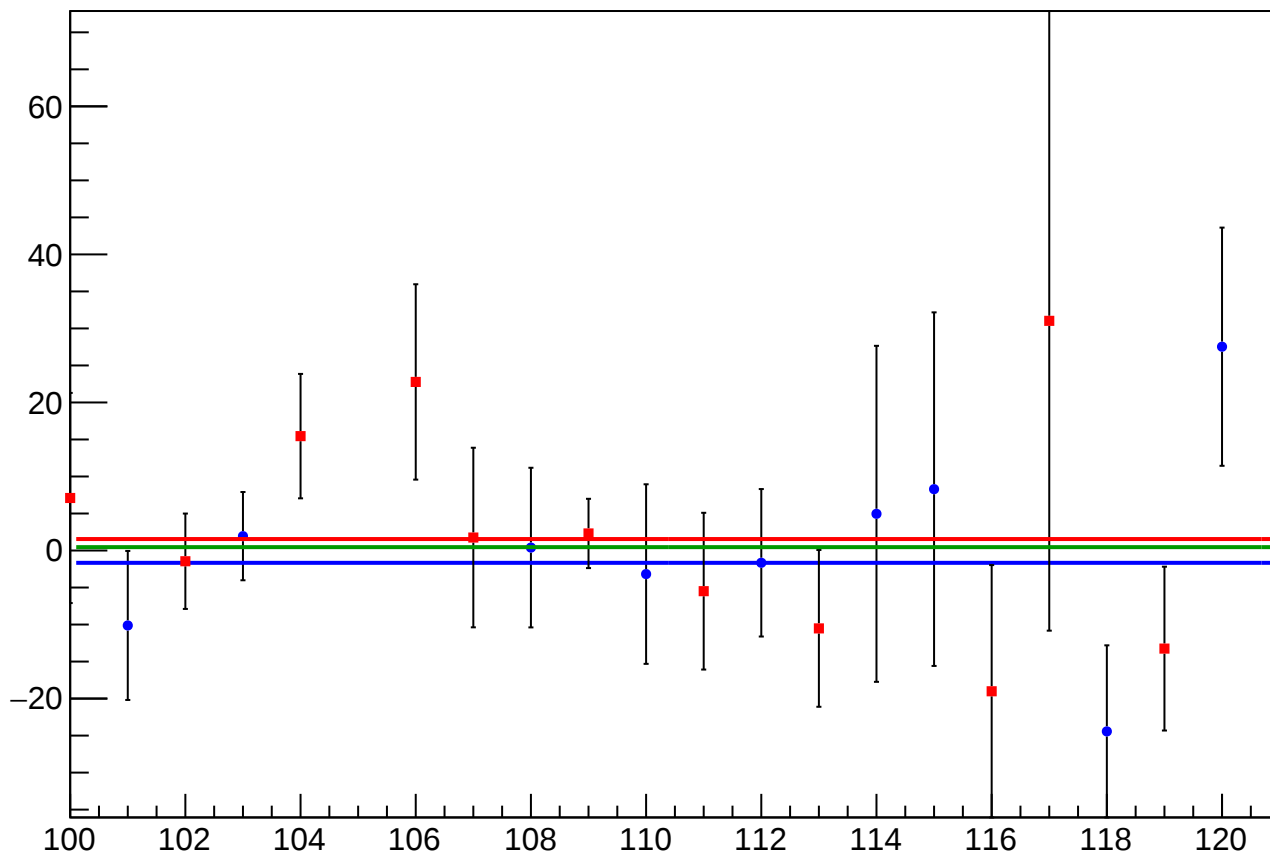
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27748.576+/-10.737 χ^2/NDF : 88562.5/8

27829.741+/-7.108 χ^2/NDF : 134678.1/20

27893.077+/-9.485 χ^2/NDF : 46013.8/11

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -1.663+/-3.570 χ^2/NDF : 8.5/8

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

Right Out: 1.551+/-2.566 χ^2/NDF : 11.3/11

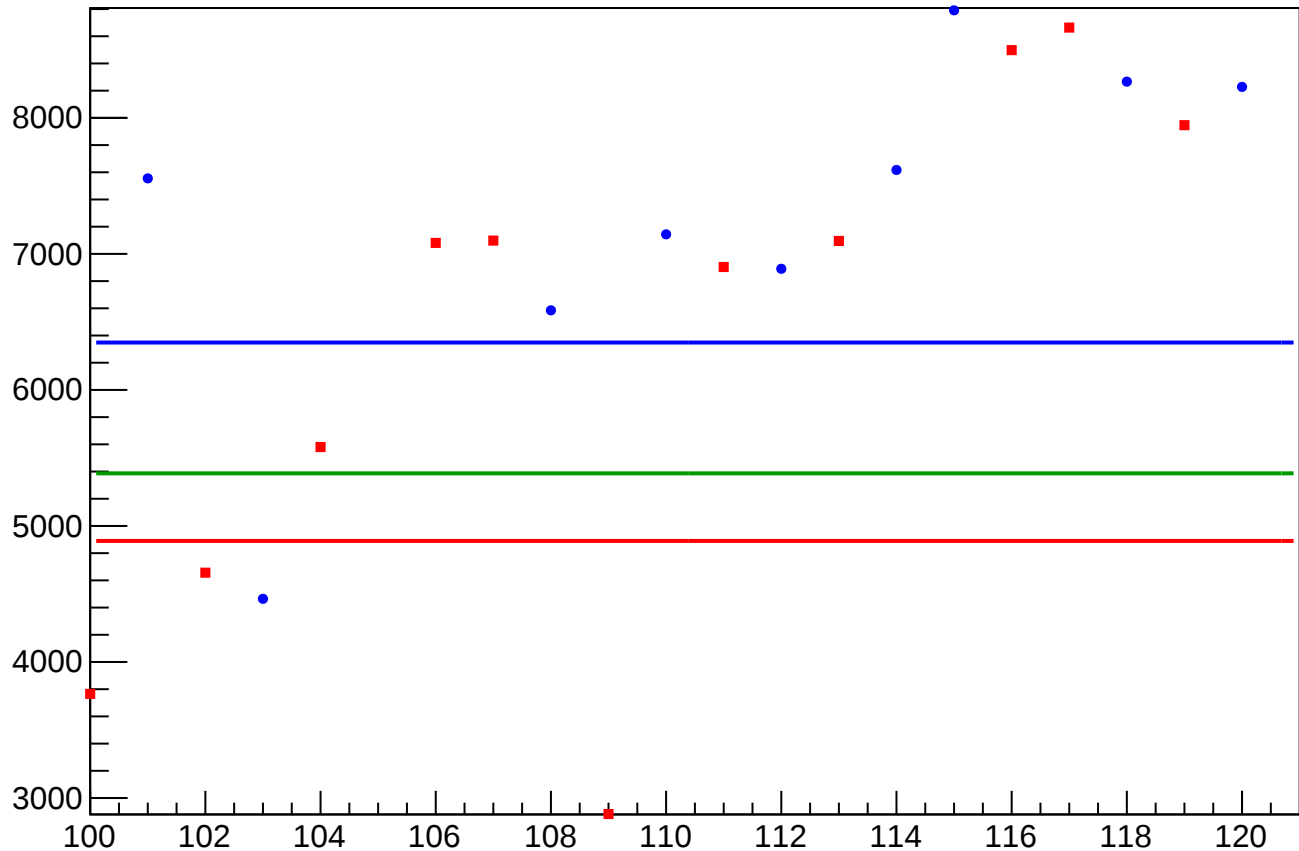
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.663+/-3.570 χ^2/NDF : 8.5/8

0.456+/-2.084 χ^2/NDF : 20.3/20

1.551+/-2.566 χ^2/NDF : 11.3/11

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 6348.455+/-2.525 χ^2/NDF : 352893.8/8

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

Right Out: 4889.985+/-1.814 χ^2/NDF : 948839.8/11

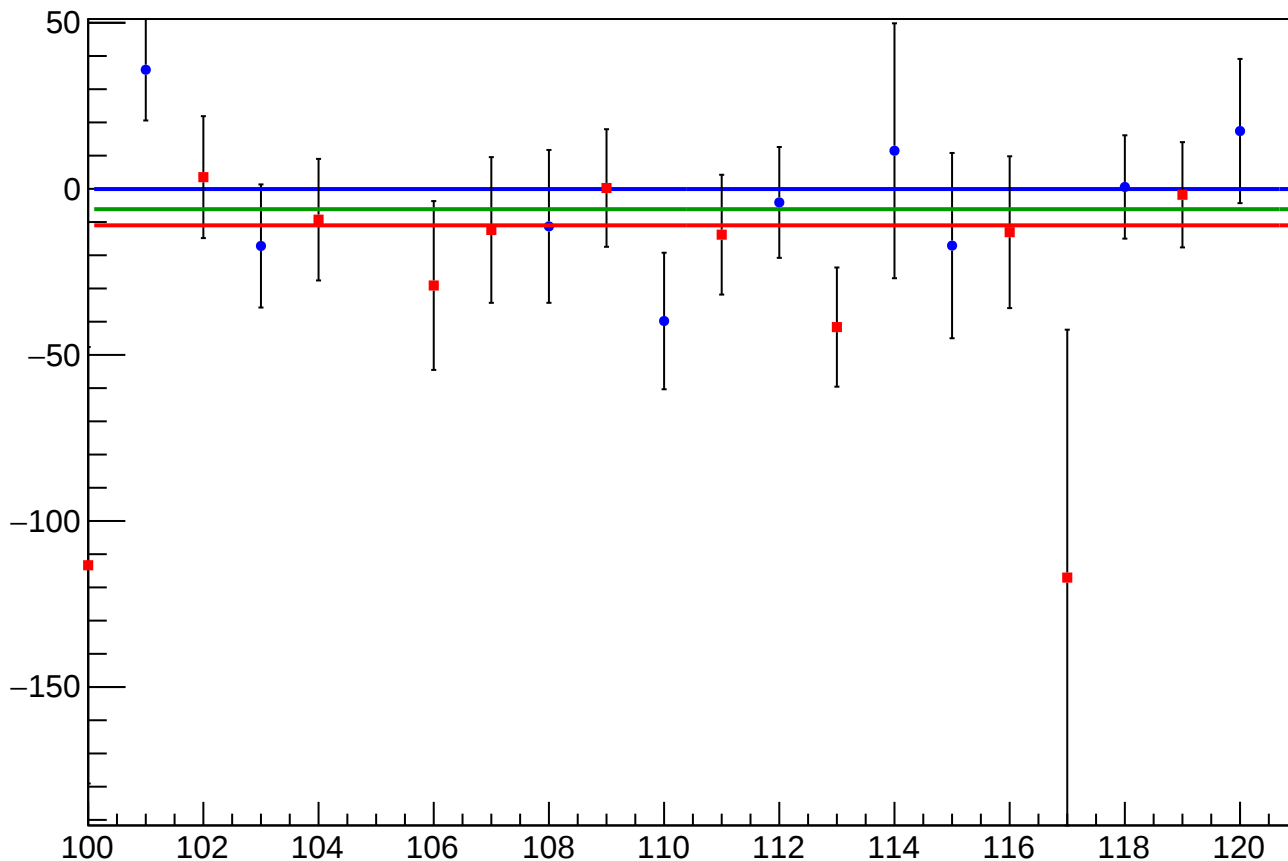
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6348.455+/-2.525 χ^2/NDF : 352893.8/8

5386.747+/-1.473 χ^2/NDF : 1521796.7/20

4889.985+/-1.814 χ^2/NDF : 948839.8/11

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.063+/-6.557 χ^2/NDF : 11.5/8

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

Right Out: -10.987+/-5.877 χ^2/NDF : 10.3/11

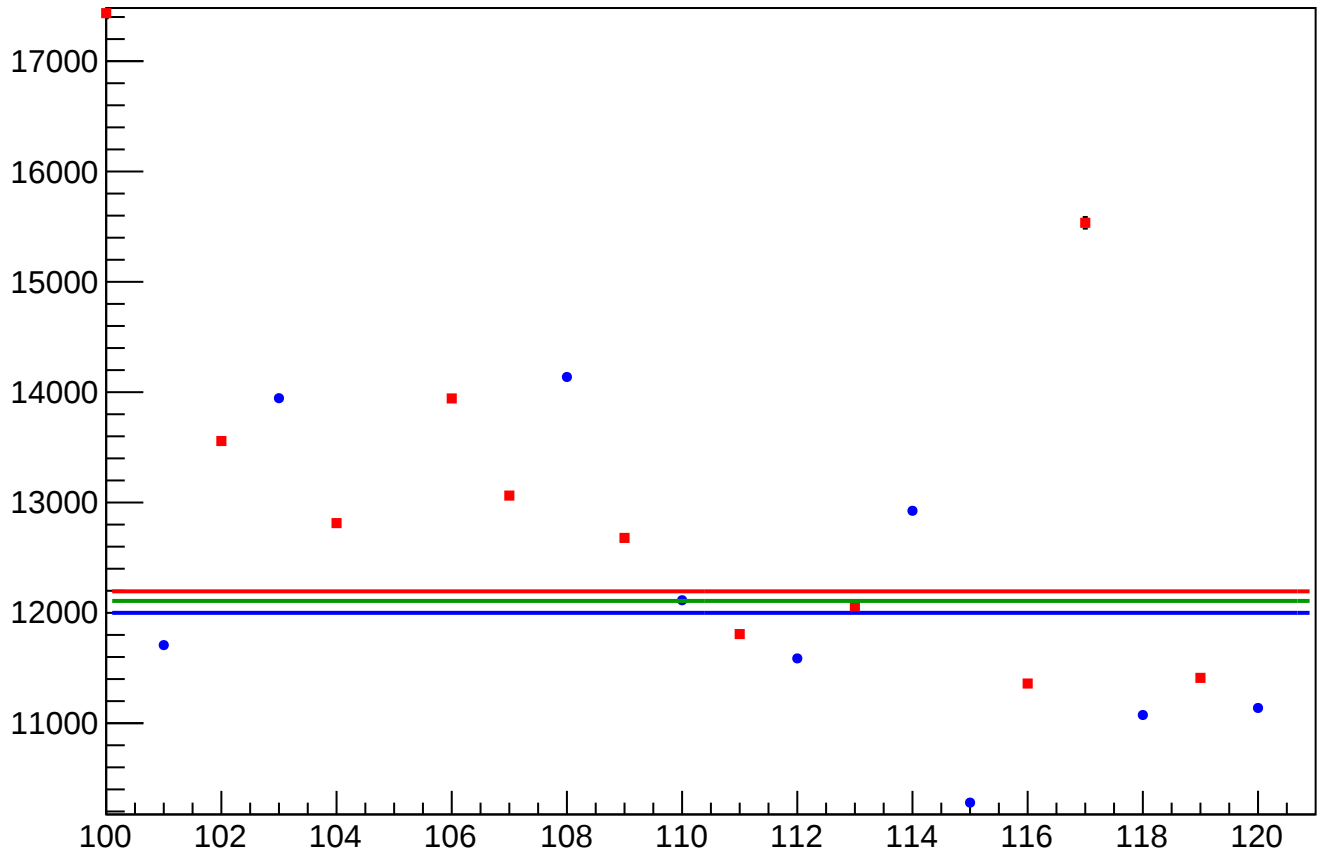
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.063+/-6.557 χ^2/NDF : 11.5/8

-6.121+/-4.376 χ^2/NDF : 23.3/20

-10.987+/-5.877 χ^2/NDF : 10.3/11

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 12000.112+/-4.636 χ^2/NDF : 60308.9/8

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

Right Out: 12194.991+/-4.155 χ^2/NDF : 82584.2/11

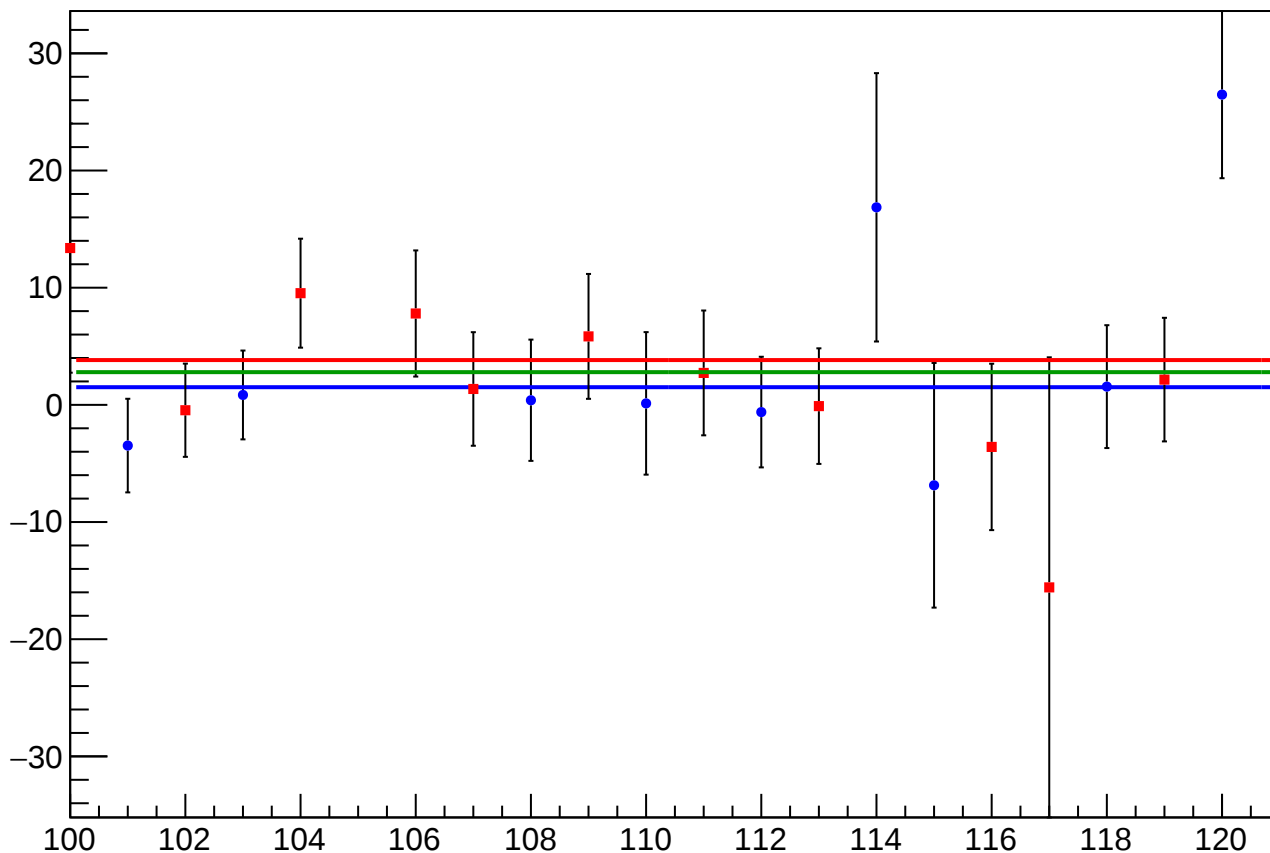
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12000.112+/-4.636 χ^2/NDF : 60308.9/8

12108.180+/-3.094 χ^2/NDF : 143872.8/20

12194.991+/-4.155 χ^2/NDF : 82584.2/11

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 1.508+/-1.784 χ^2/NDF : 16.6/8

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

Right Out: 3.823+/-1.598 χ^2/NDF : 10.2/11

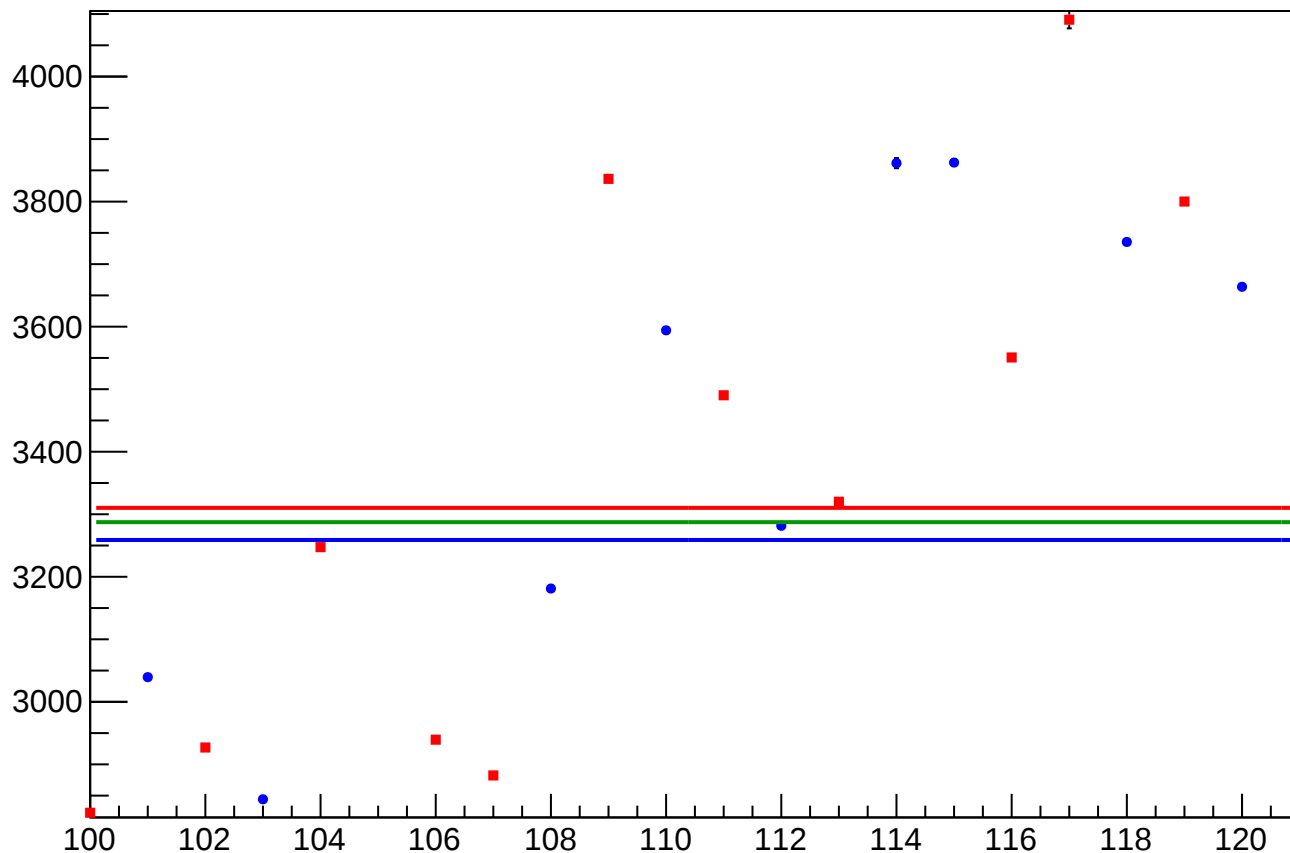
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.508+/-1.784 χ^2/NDF : 16.6/8

2.792+/-1.190 χ^2/NDF : 27.7/20

3.823+/-1.598 χ^2/NDF : 10.2/11

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3258.848+/-1.261 χ^2/NDF : 71749.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3310.238+/-1.130 χ^2/NDF : 105086.2/11

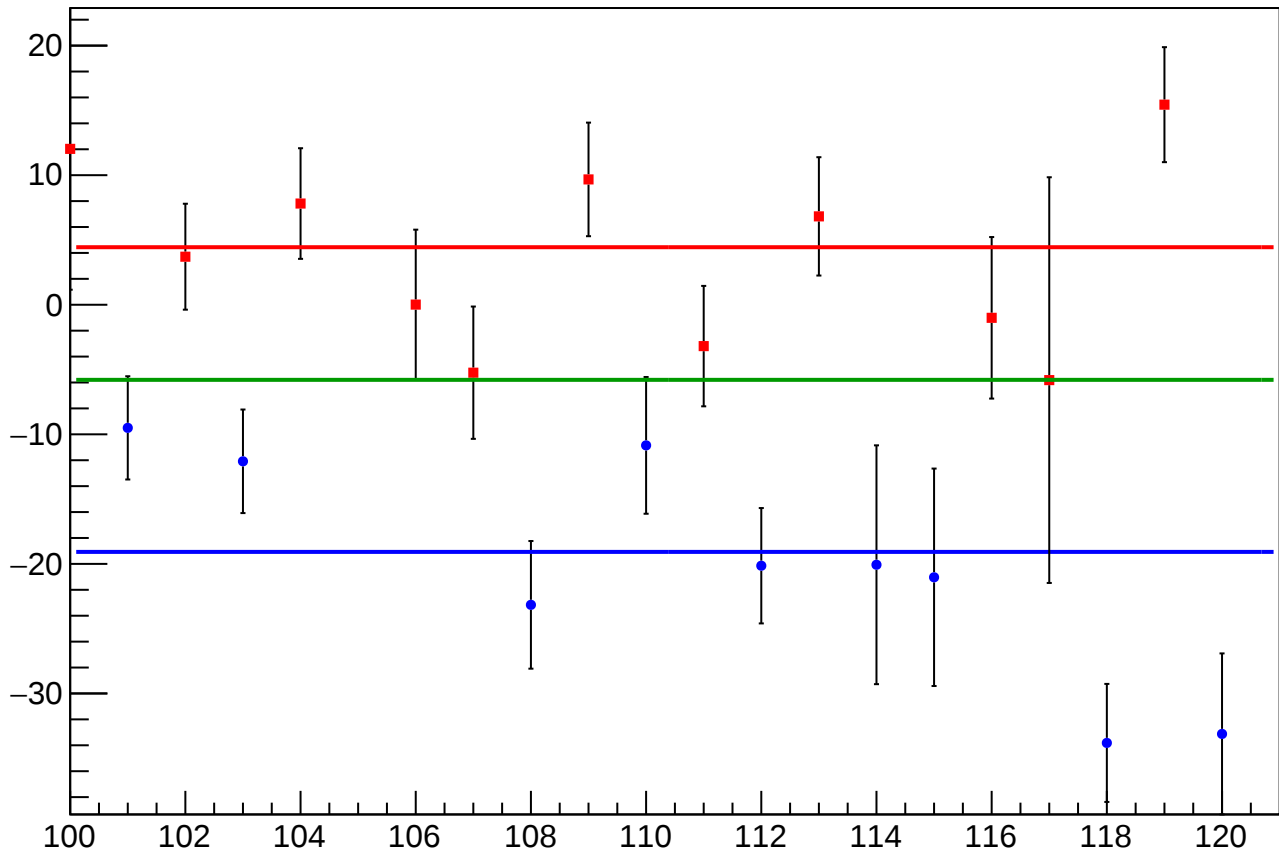
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3258.848+/-1.261 χ^2/NDF : 71749.6/8

3287.356+/-0.842 χ^2/NDF : 177756.9/20

3310.238+/-1.130 χ^2/NDF : 105086.2/11

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -19.074 $\pm$ 1.683 χ^2 /NDF: 27.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.441 $\pm$ 1.477 χ^2 /NDF: 17.4/11

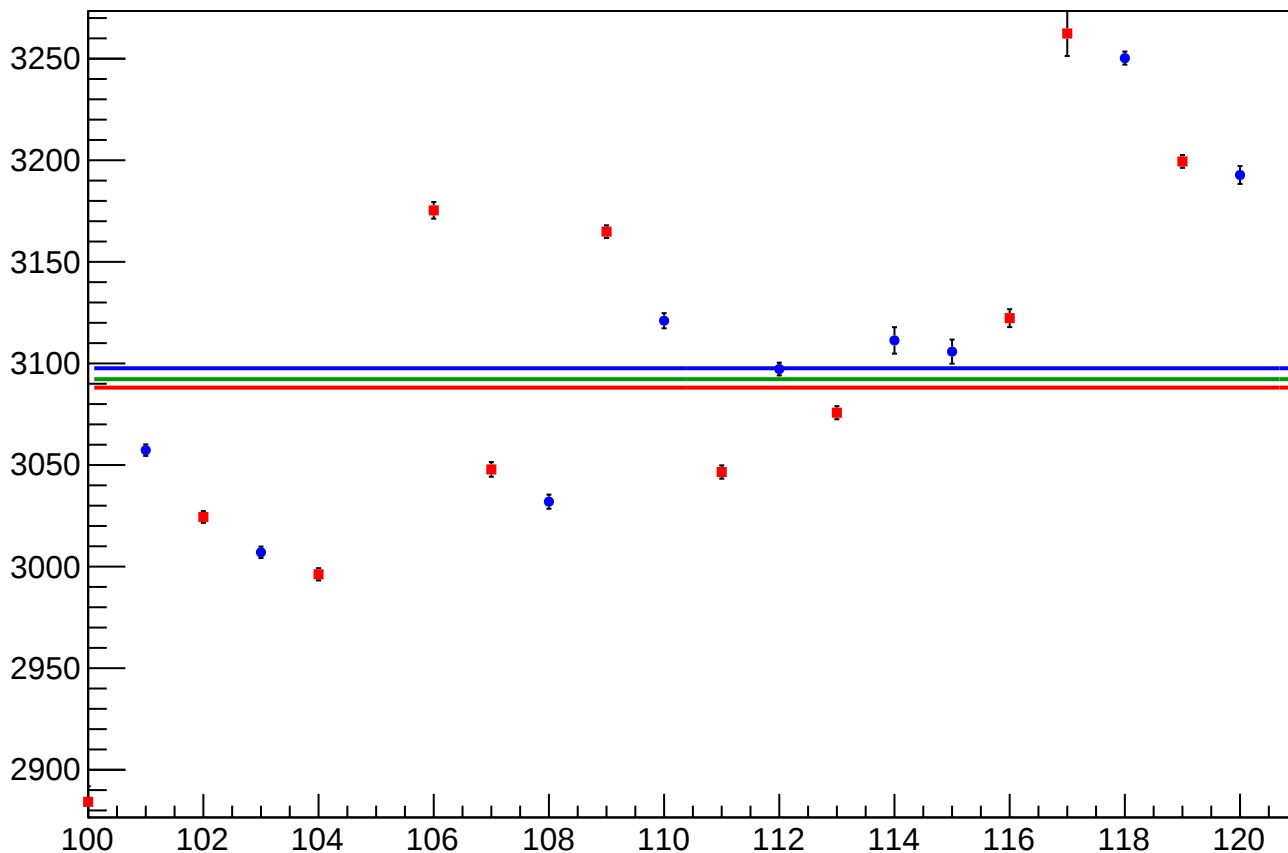
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-19.074 $\pm$ 1.683 χ^2 /NDF: 27.7/8

-5.795 $\pm$ 1.110 χ^2 /NDF: 155.3/20

4.441 $\pm$ 1.477 χ^2 /NDF: 17.4/11

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3097.628+/-1.190 χ^2/NDF : 4347.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3088.108+/-1.045 χ^2/NDF : 5081.4/11

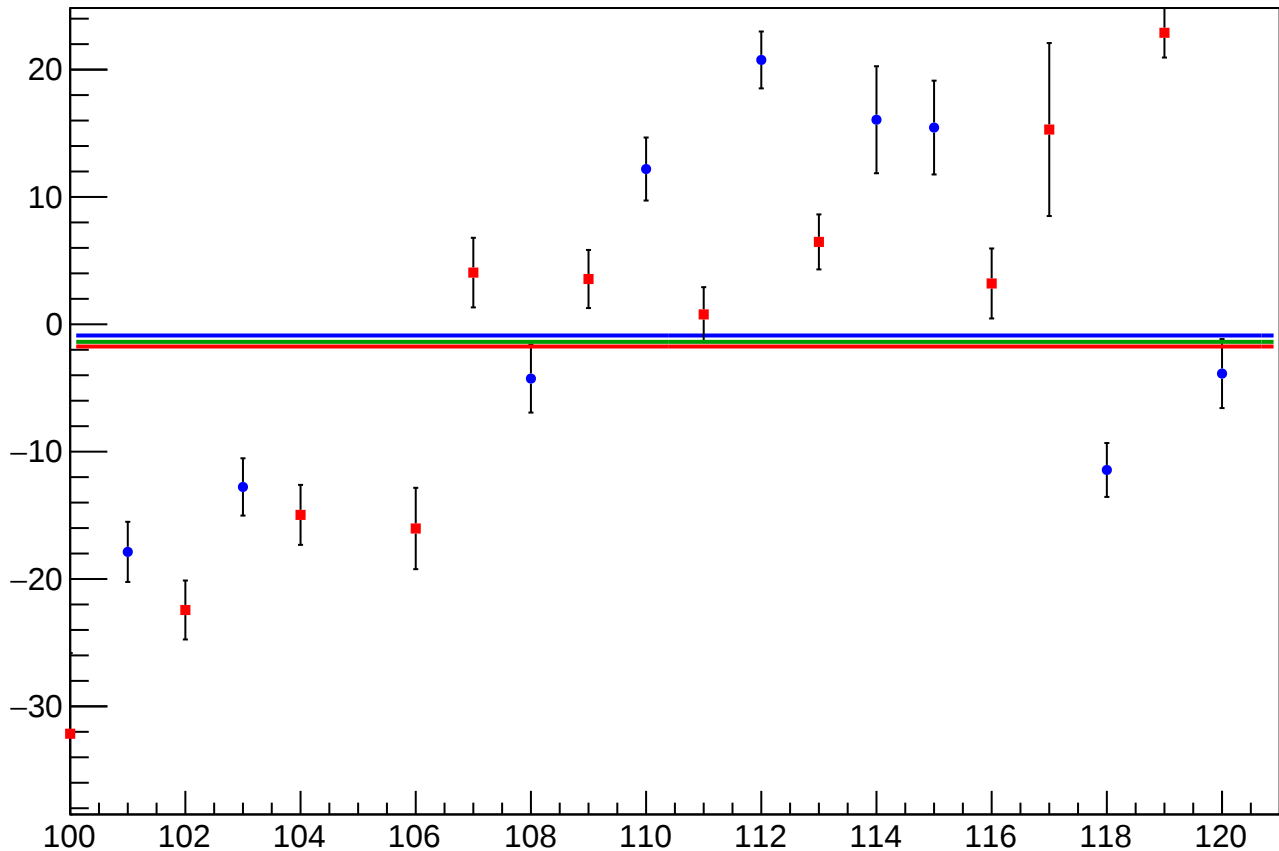
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3097.628+/-1.190 χ^2/NDF : 4347.8/8

3092.252+/-0.785 χ^2/NDF : 9465.3/20

3088.108+/-1.045 χ^2/NDF : 5081.4/11

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -0.879 ± 0.854 χ^2/NDF : 265.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.744 ± 0.732 χ^2/NDF : 403.2/11

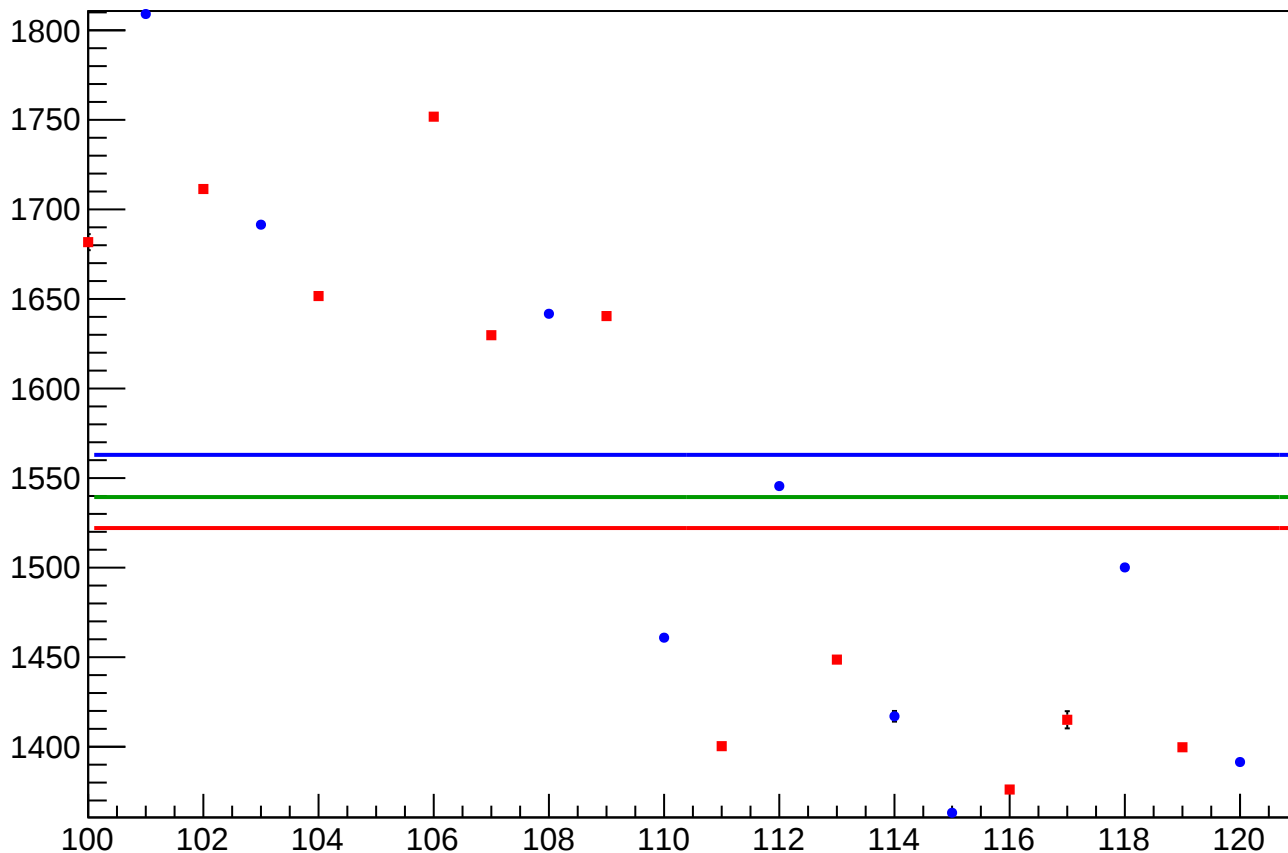
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.879 ± 0.854 χ^2/NDF : 265.1/8

-1.377 ± 0.556 χ^2/NDF : 668.9/20

-1.744 ± 0.732 χ^2/NDF : 403.2/11

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1562.964+/-0.604 χ^2/NDF : 51591.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1522.106+/-0.518 χ^2/NDF : 69167.0/11

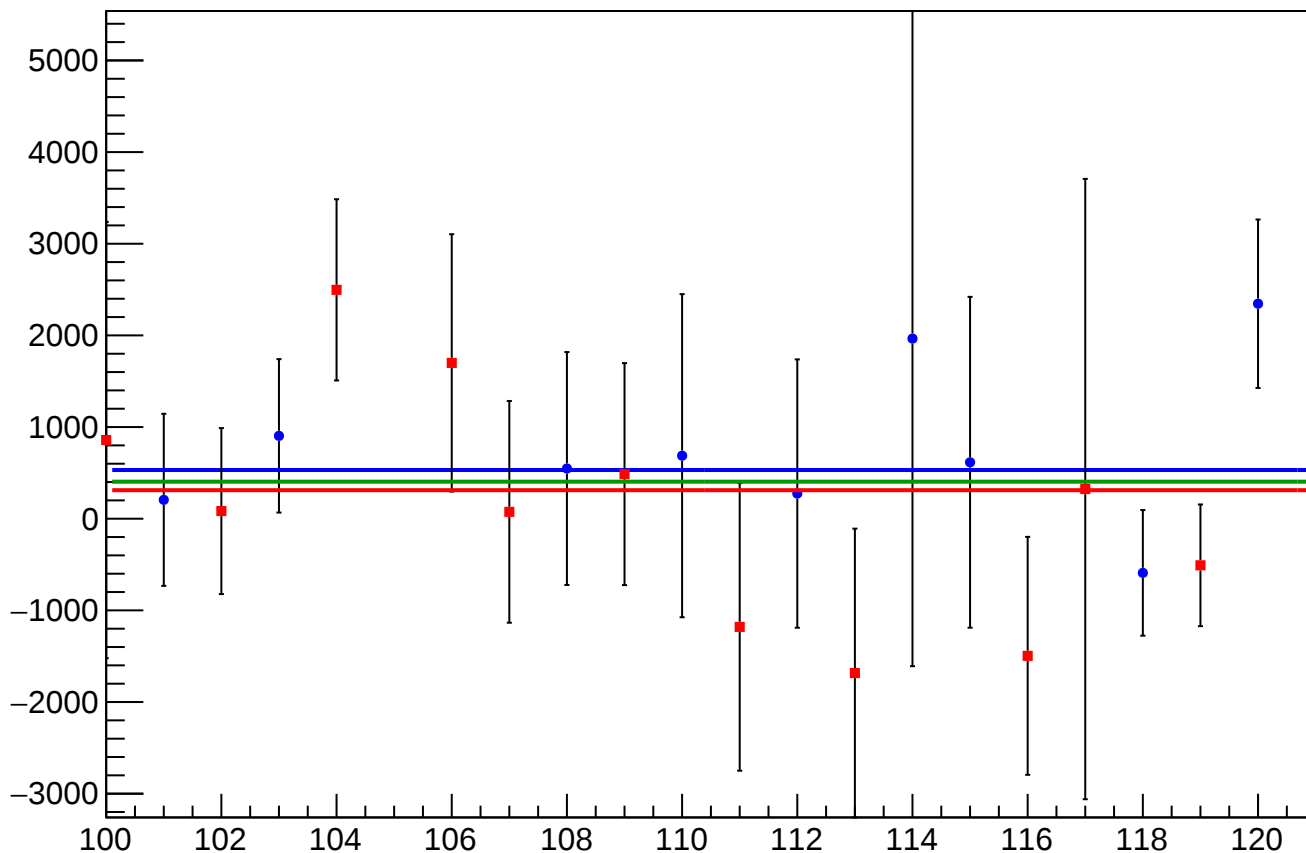
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1562.964+/-0.604 χ^2/NDF : 51591.1/8

1539.411+/-0.393 χ^2/NDF : 123396.5/20

1522.106+/-0.518 χ^2/NDF : 69167.0/11

asym_sam1_mean vs Slug, Sign Corrected



Right In: 531.310 $\pm$ 361.114 χ^2 /NDF: 7.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 311.325 $\pm$ 308.175 χ^2 /NDF: 13.1/11

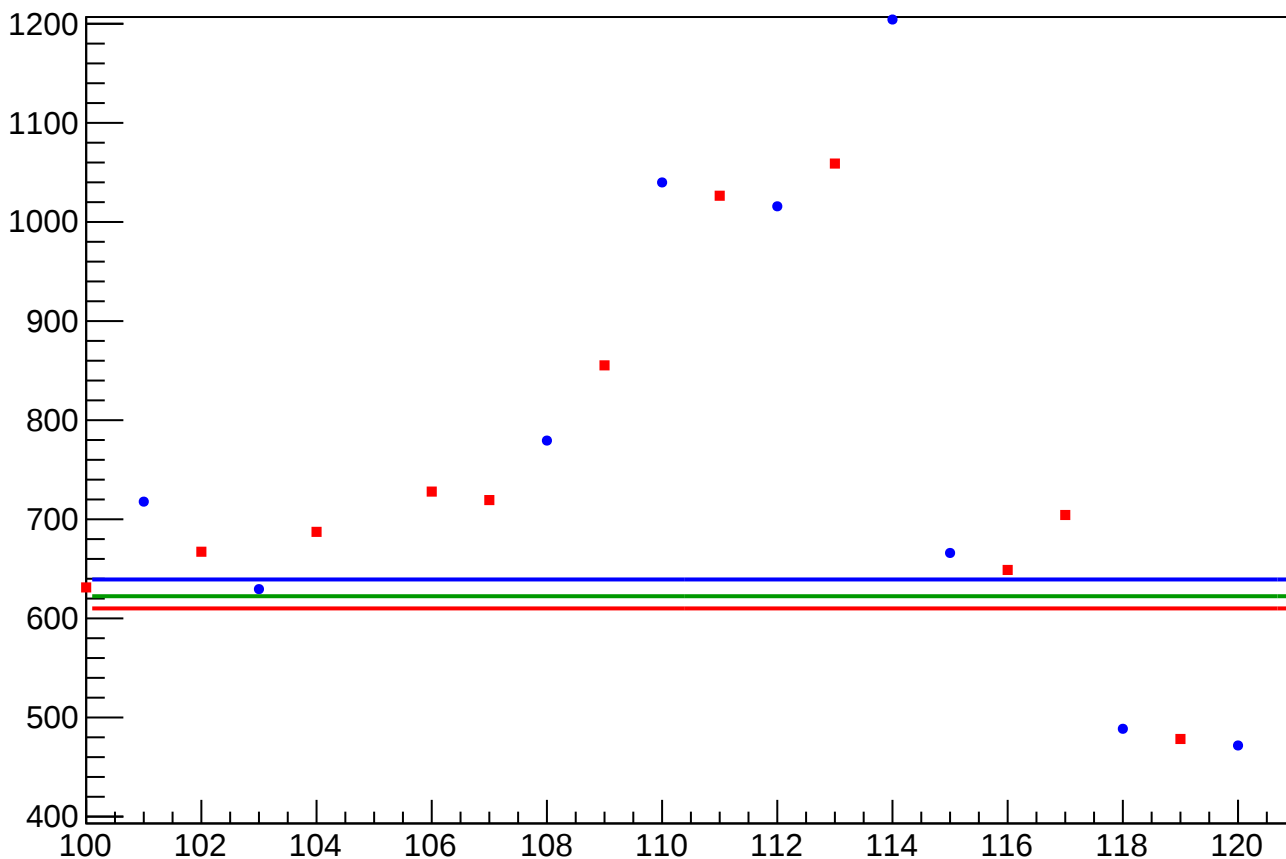
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

531.310 $\pm$ 361.114 χ^2 /NDF: 7.1/8

404.025 $\pm$ 234.417 χ^2 /NDF: 20.4/20

311.325 $\pm$ 308.175 χ^2 /NDF: 13.1/11

asym_sam1_rms vs Slug, Sign Corrected



Right In: 639.278+/-0.255 χ^2/NDF : 487767.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 610.062+/-0.218 χ^2/NDF : 750575.6/11

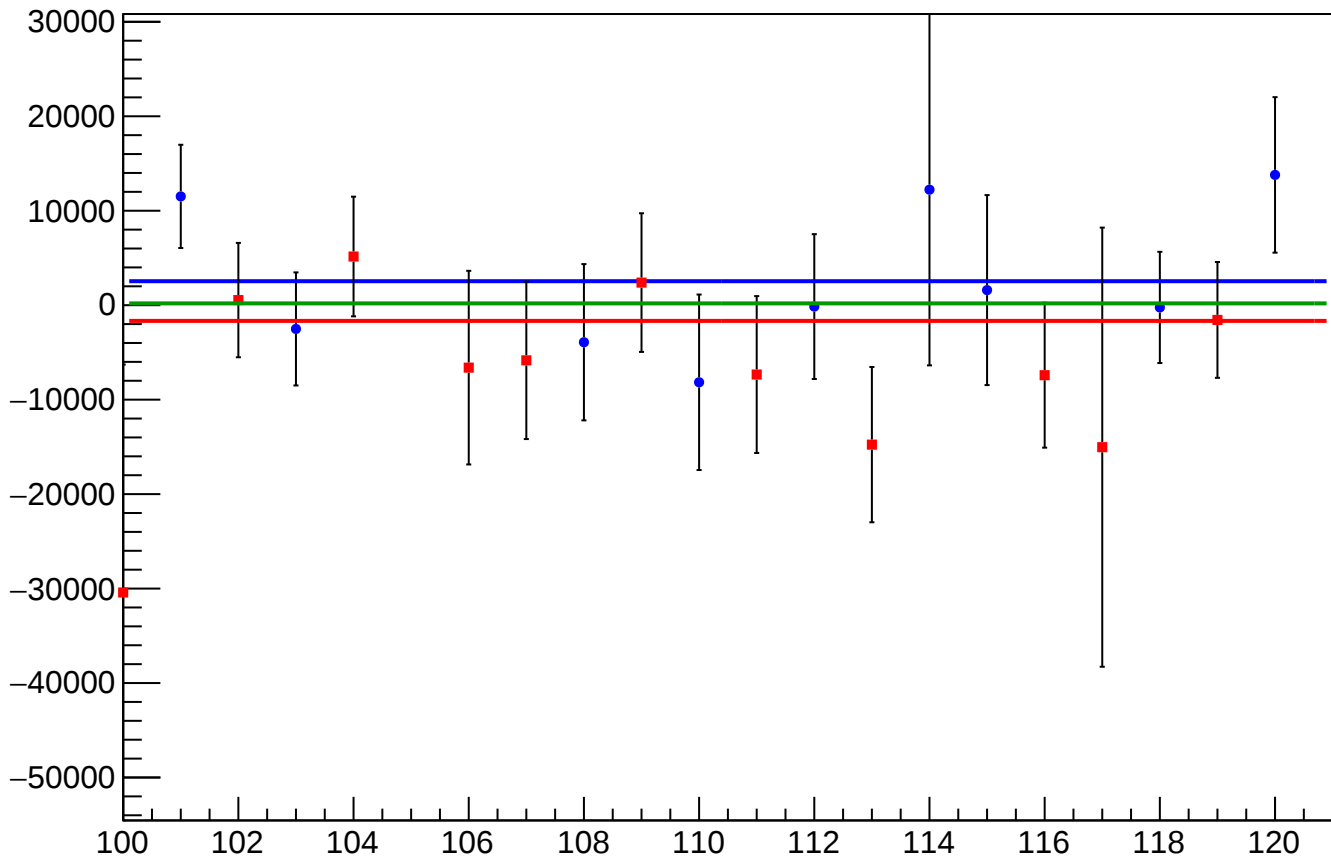
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

639.278+/-0.255 χ^2/NDF : 487767.2/8

622.373+/-0.166 χ^2/NDF : 1245917.6/20

610.062+/-0.218 χ^2/NDF : 750575.6/11

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2539.954 $\pm$ 2492.077 χ^2 /NDF: 7.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1661.091 $\pm$ 2213.299 χ^2 /NDF: 9.3/11

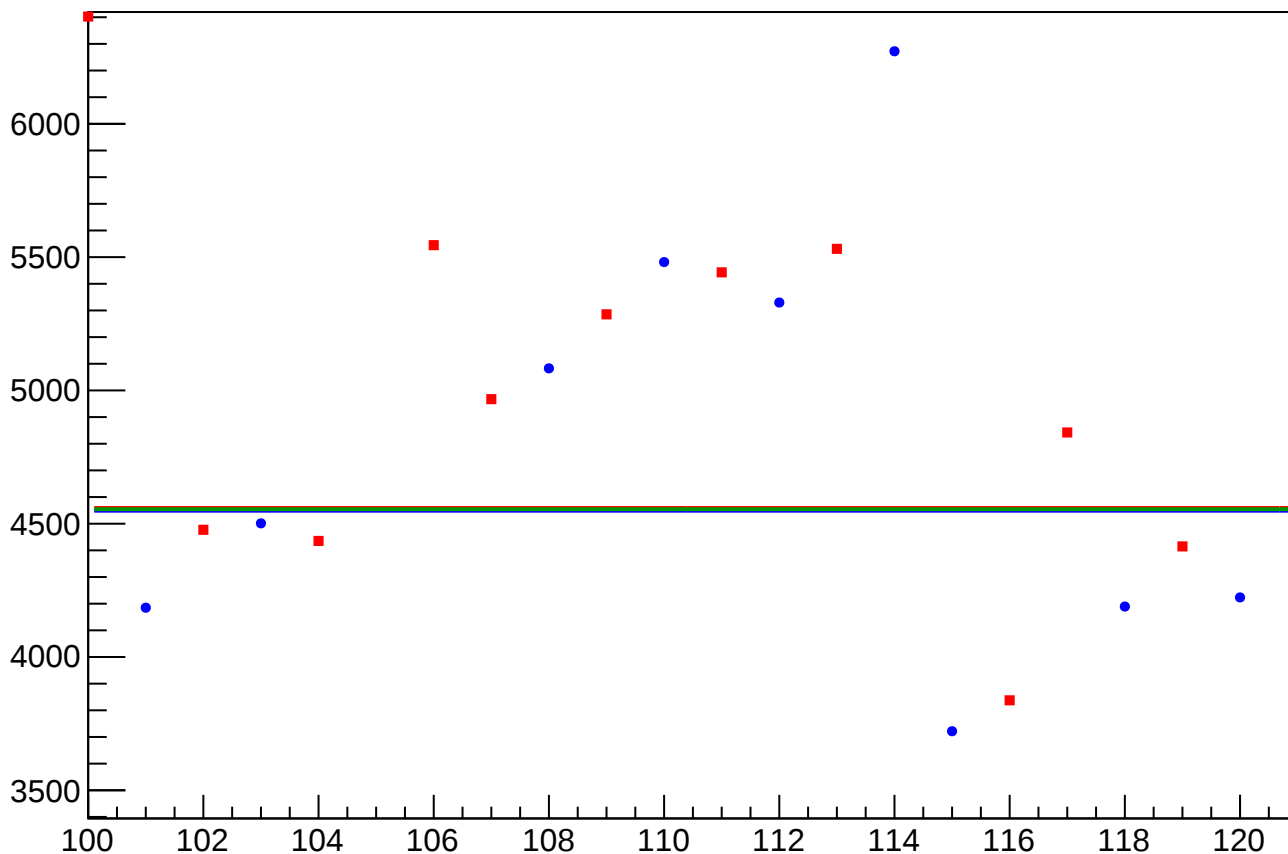
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2539.954 $\pm$ 2492.077 χ^2 /NDF: 7.8/8

191.404 $\pm$ 1654.860 χ^2 /NDF: 18.7/20

-1661.091 $\pm$ 2213.299 χ^2 /NDF: 9.3/11

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4548.963+/-1.762 χ^2/NDF : 99539.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4558.846+/-1.565 χ^2/NDF : 214284.4/11

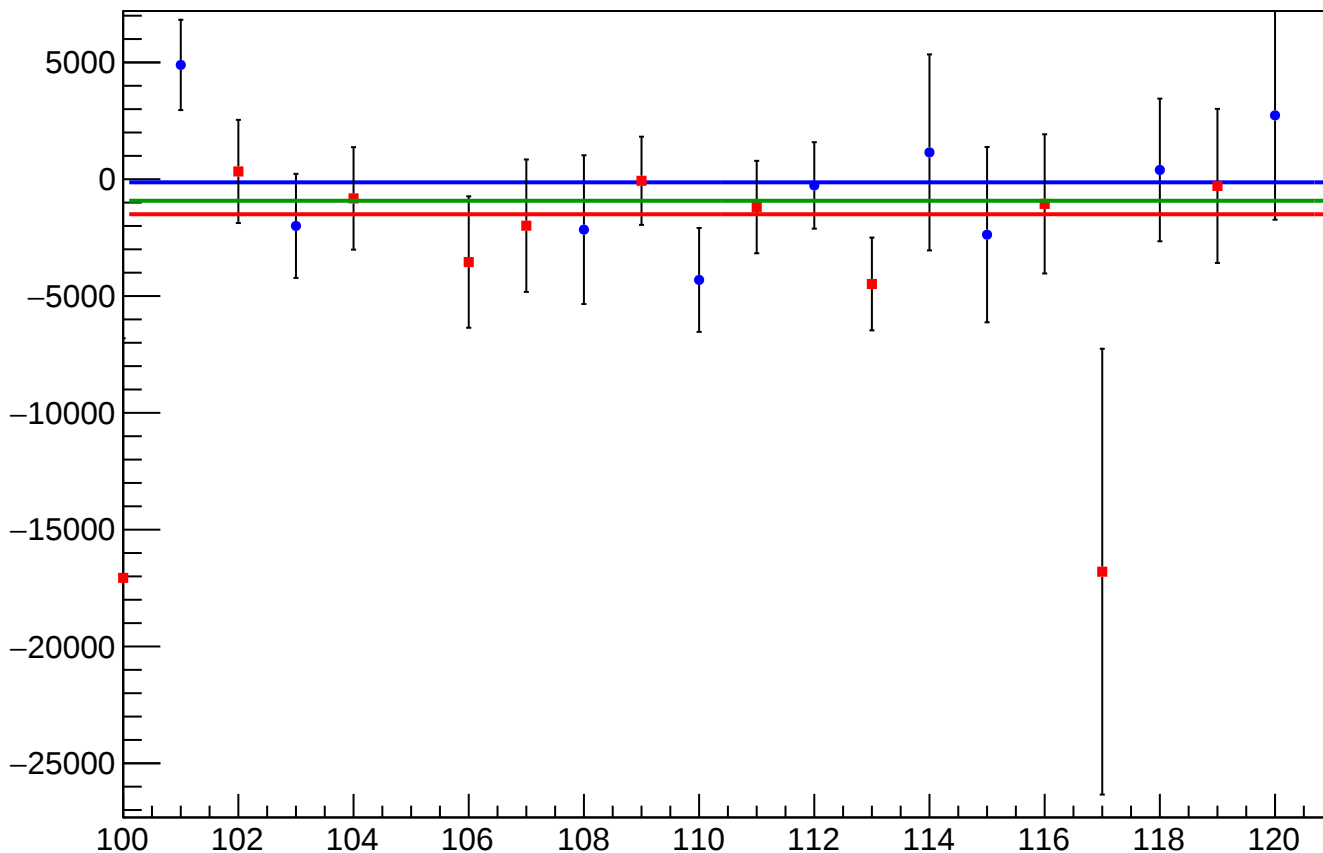
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4548.963+/-1.762 χ^2/NDF : 99539.6/8

4554.488+/-1.170 χ^2/NDF : 313841.7/20

4558.846+/-1.565 χ^2/NDF : 214284.4/11

asym_sam3_mean vs Slug, Sign Corrected



Right In: -132.346+/-861.527 χ^2 /NDF: 12.3/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1498.659+/-737.759 χ^2 /NDF: 9.6/11

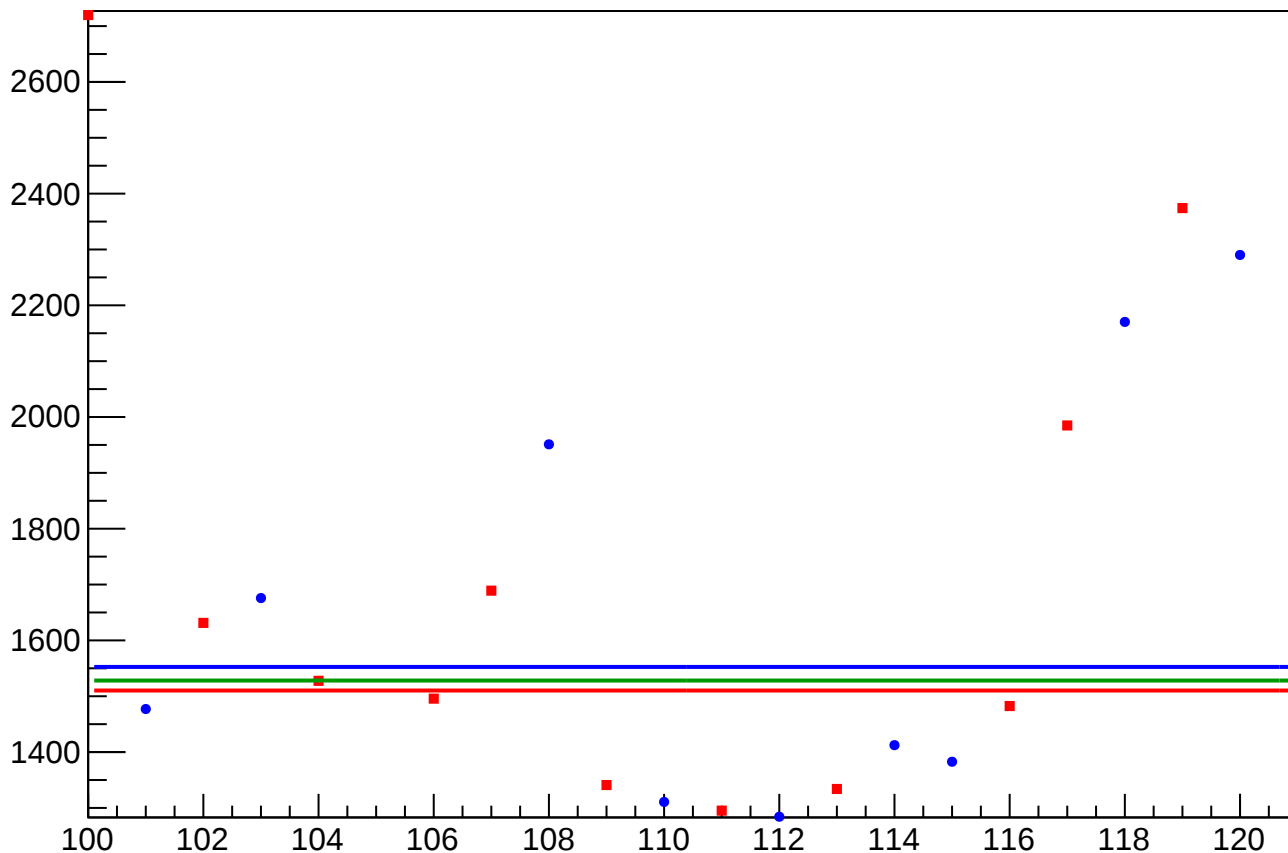
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-132.346+/-861.527 χ^2 /NDF: 12.3/8

-920.612+/-560.371 χ^2 /NDF: 23.3/20

-1498.659+/-737.759 χ^2 /NDF: 9.6/11

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1552.493+/-0.609 χ^2/NDF : 248915.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1510.257+/-0.522 χ^2/NDF : 240192.9/11

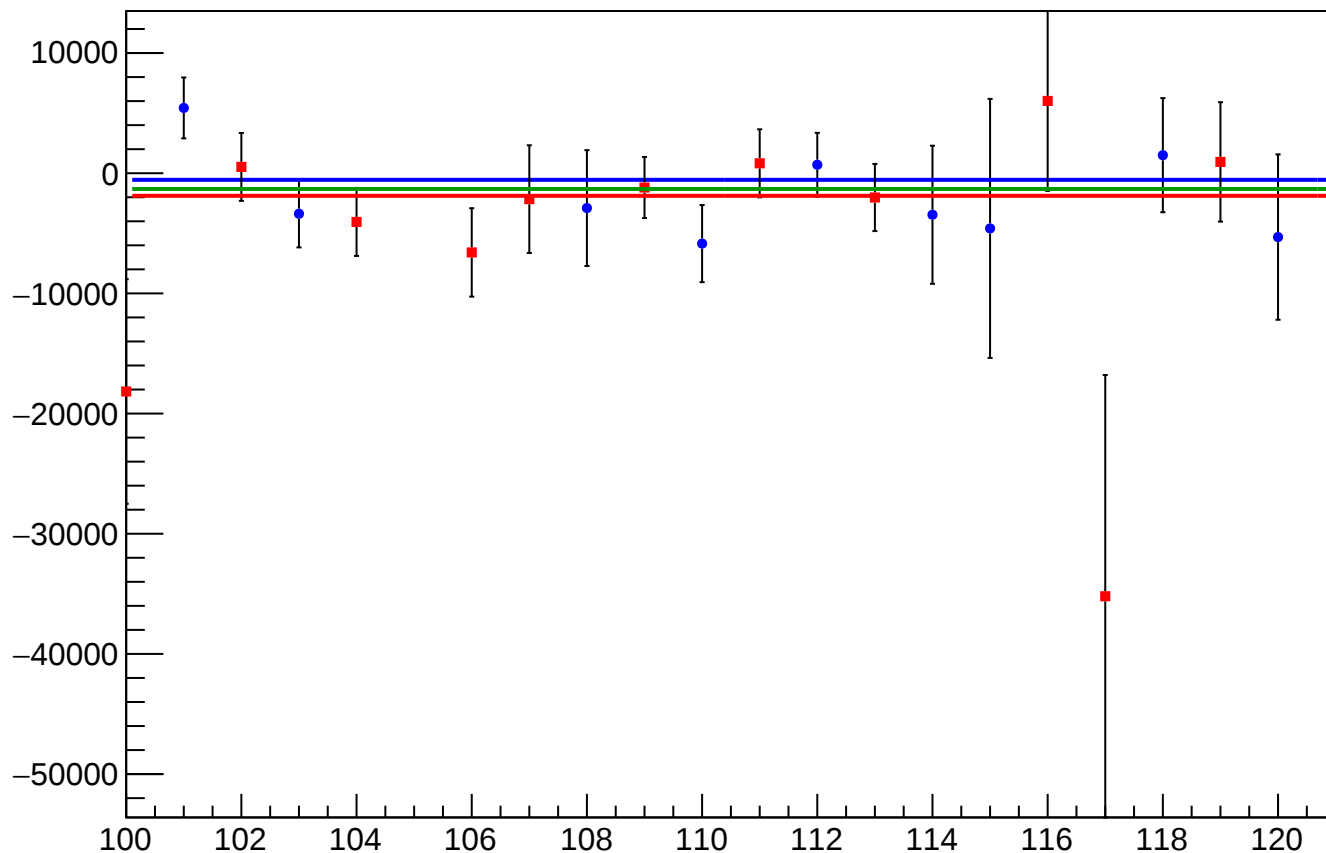
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1552.493+/-0.609 χ^2/NDF : 248915.4/8

1528.125+/-0.396 χ^2/NDF : 491881.5/20

1510.257+/-0.522 χ^2/NDF : 240192.9/11

asym_sam4_mean vs Slug, Sign Corrected



Right In: -549.066 ± 1222.083 χ^2/NDF : 10.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1880.528 ± 1056.040 χ^2/NDF : 11.8/11

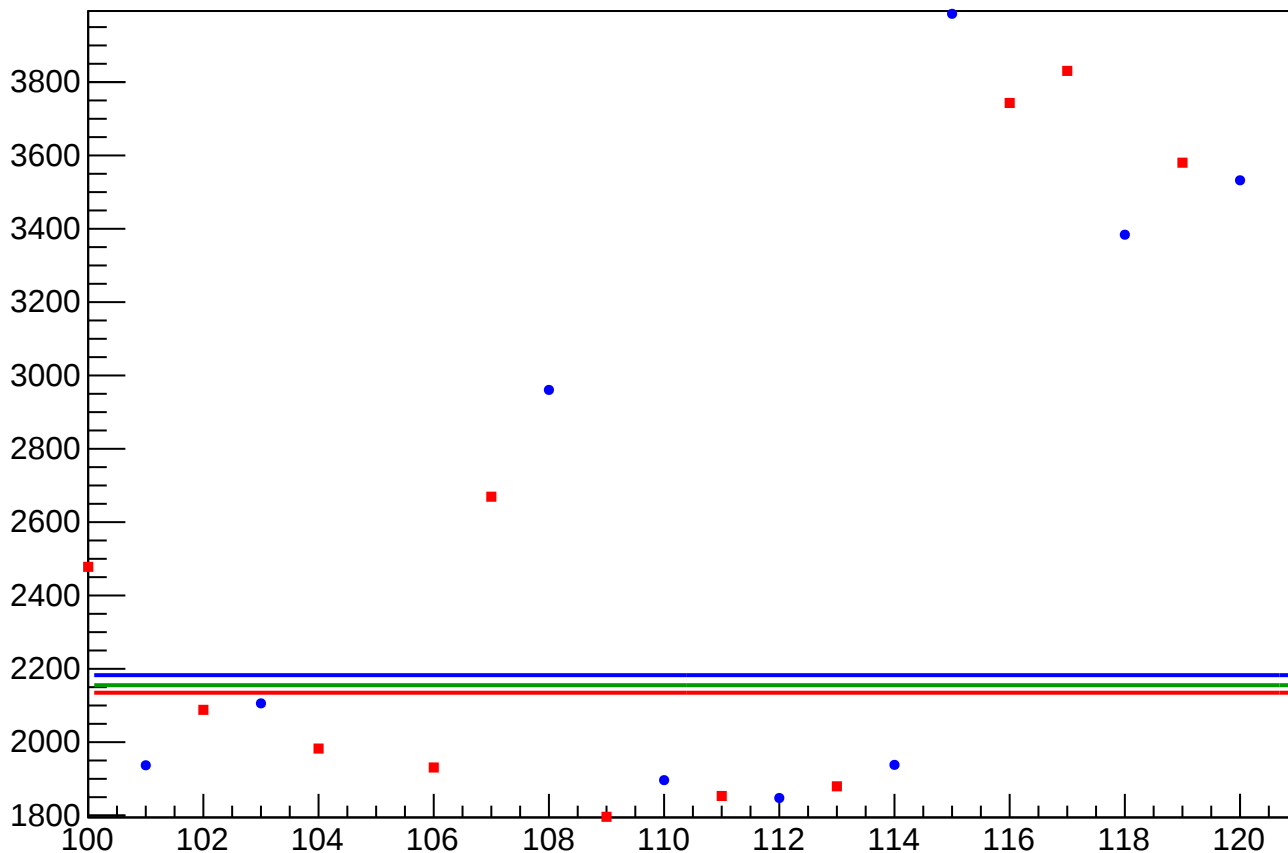
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-549.066 ± 1222.083 χ^2/NDF : 10.9/8

-1311.329 ± 799.039 χ^2/NDF : 23.3/20

-1880.528 ± 1056.040 χ^2/NDF : 11.8/11

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2182.729+/-0.864 χ^2/NDF : 384639.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2134.864+/-0.747 χ^2/NDF : 460598.9/11

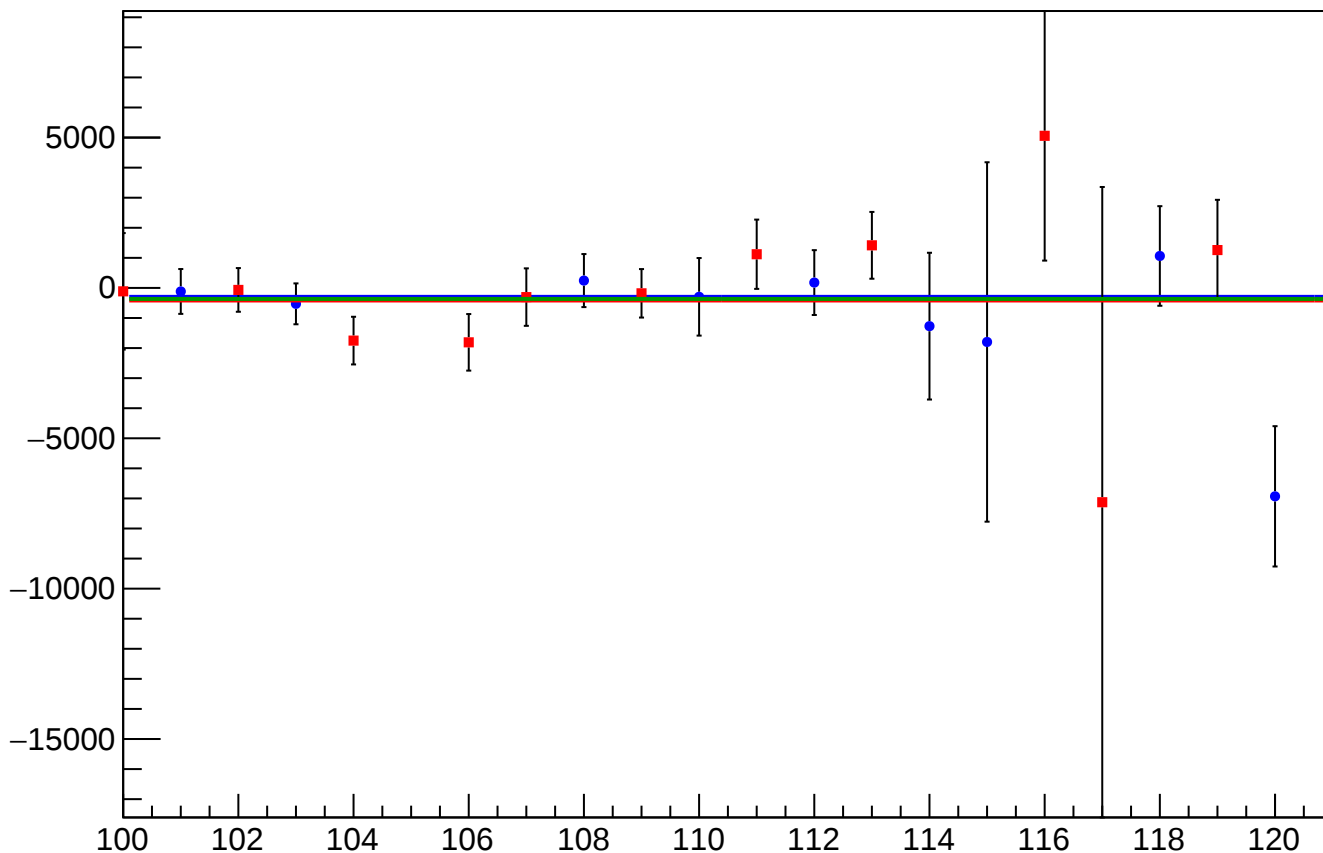
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2182.729+/-0.864 χ^2/NDF : 384639.6/8

2155.326+/-0.565 χ^2/NDF : 846994.9/20

2134.864+/-0.747 χ^2/NDF : 460598.9/11

asym_sam5_mean vs Slug, Sign Corrected



Right In: -297.209+/-366.255 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -417.438+/-317.658 χ^2/NDF : 15.7/11

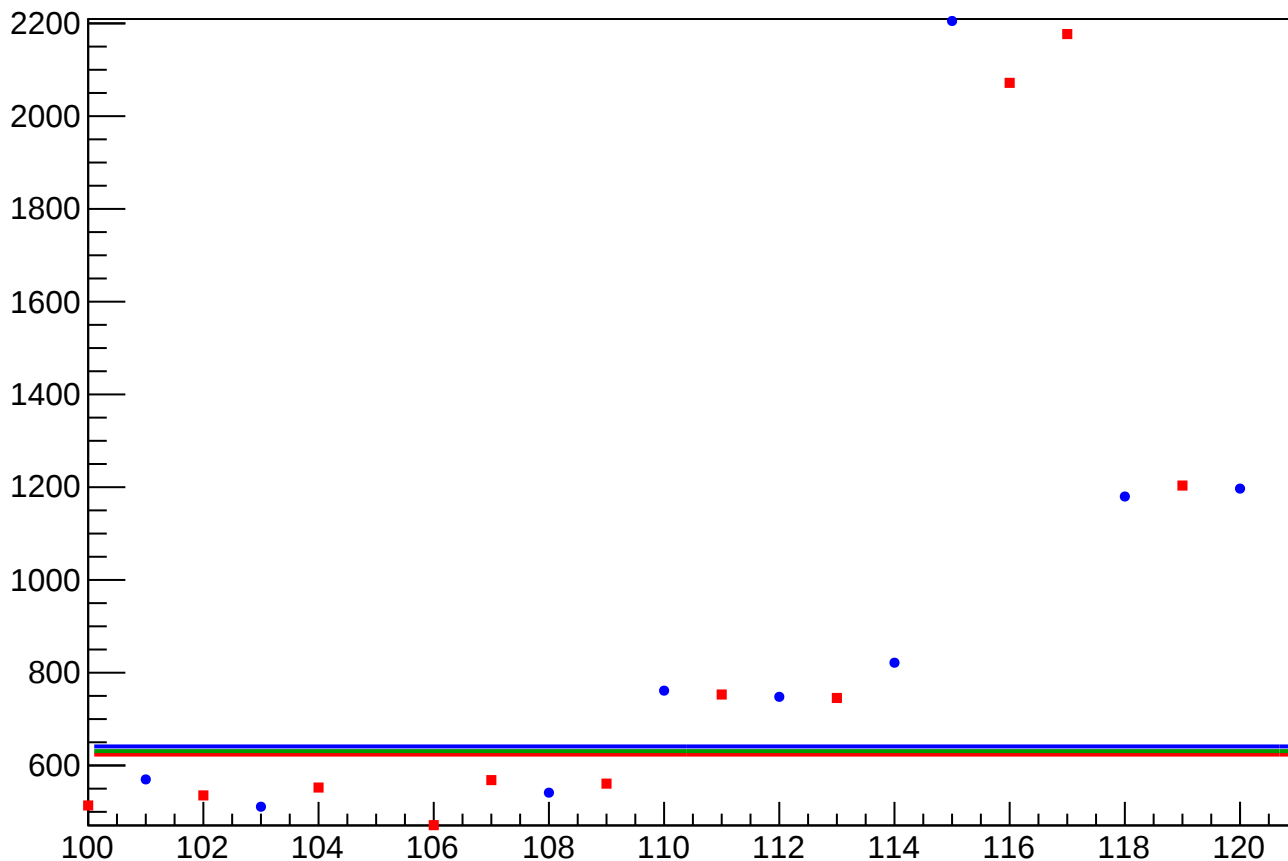
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-297.209+/-366.255 χ^2/NDF : 9.7/8

-365.824+/-239.974 χ^2/NDF : 25.5/20

-417.438+/-317.658 χ^2/NDF : 15.7/11

asym_sam5_rms vs Slug, Sign Corrected



Right In: 641.000+/-0.259 χ^2/NDF : 627291.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 623.470+/-0.225 χ^2/NDF : 791443.5/11

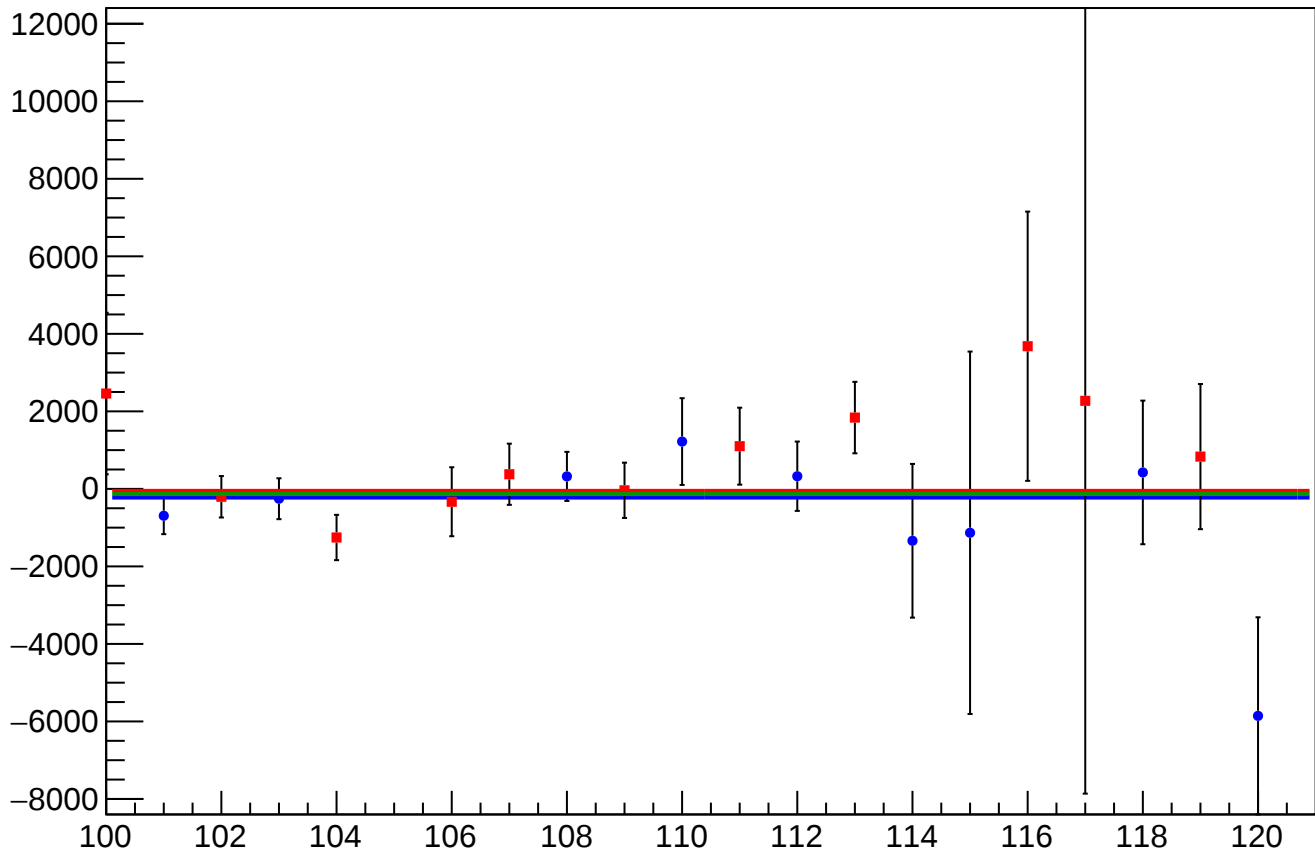
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

641.000+/-0.259 χ^2/NDF : 627291.5/8

630.996+/-0.170 χ^2/NDF : 1421349.9/20

623.470+/-0.225 χ^2/NDF : 791443.5/11

asym_sam6_mean vs Slug, Sign Corrected



Right In: -223.652+/-273.978 χ^2 /NDF: 9.1/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -51.163+/-263.702 χ^2 /NDF: 15.5/11

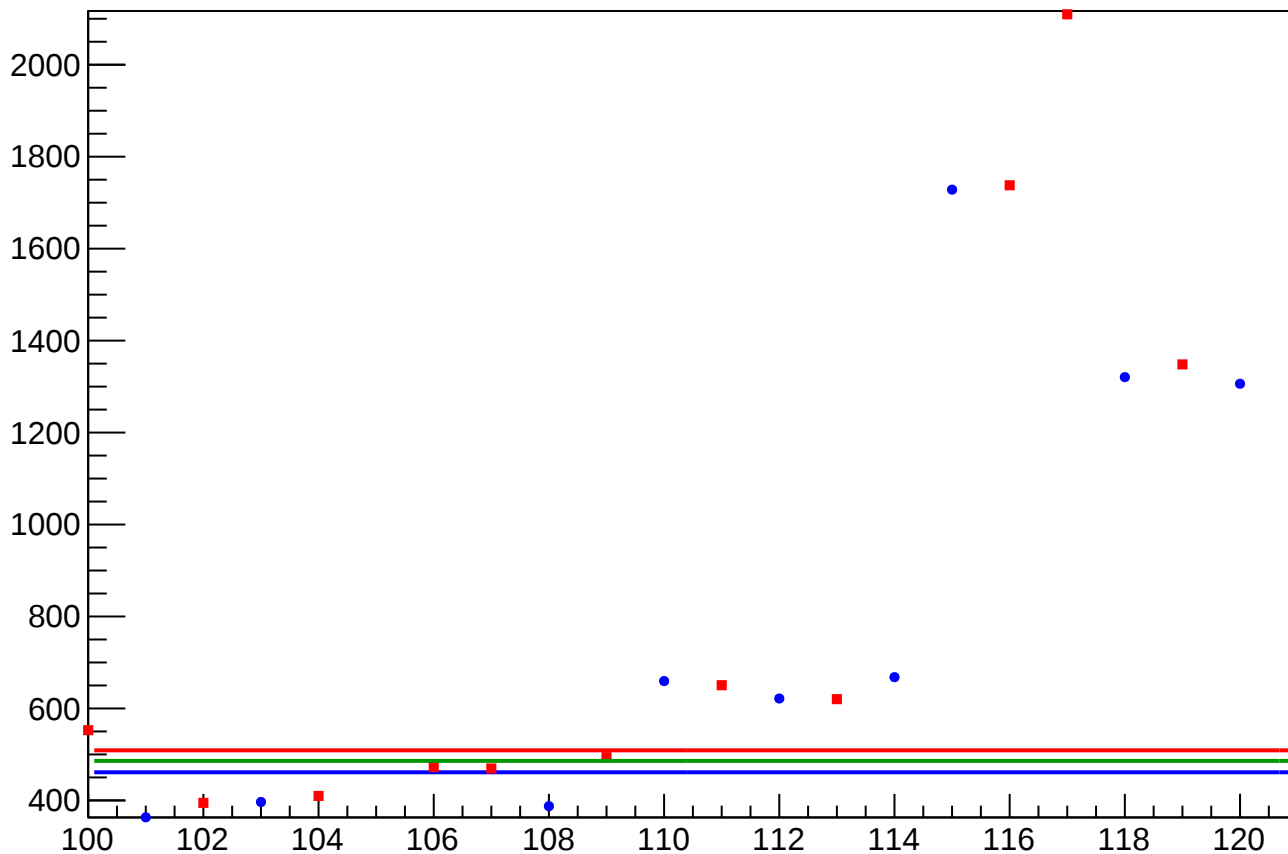
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-223.652+/-273.978 χ^2 /NDF: 9.1/8

-134.112+/-189.995 χ^2 /NDF: 24.8/20

-51.163+/-263.702 χ^2 /NDF: 15.5/11

asym_sam6_rms vs Slug, Sign Corrected



Right In: 461.183+/-0.194 χ^2/NDF : 1089297.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 508.943+/-0.186 χ^2/NDF : 1148323.7/11

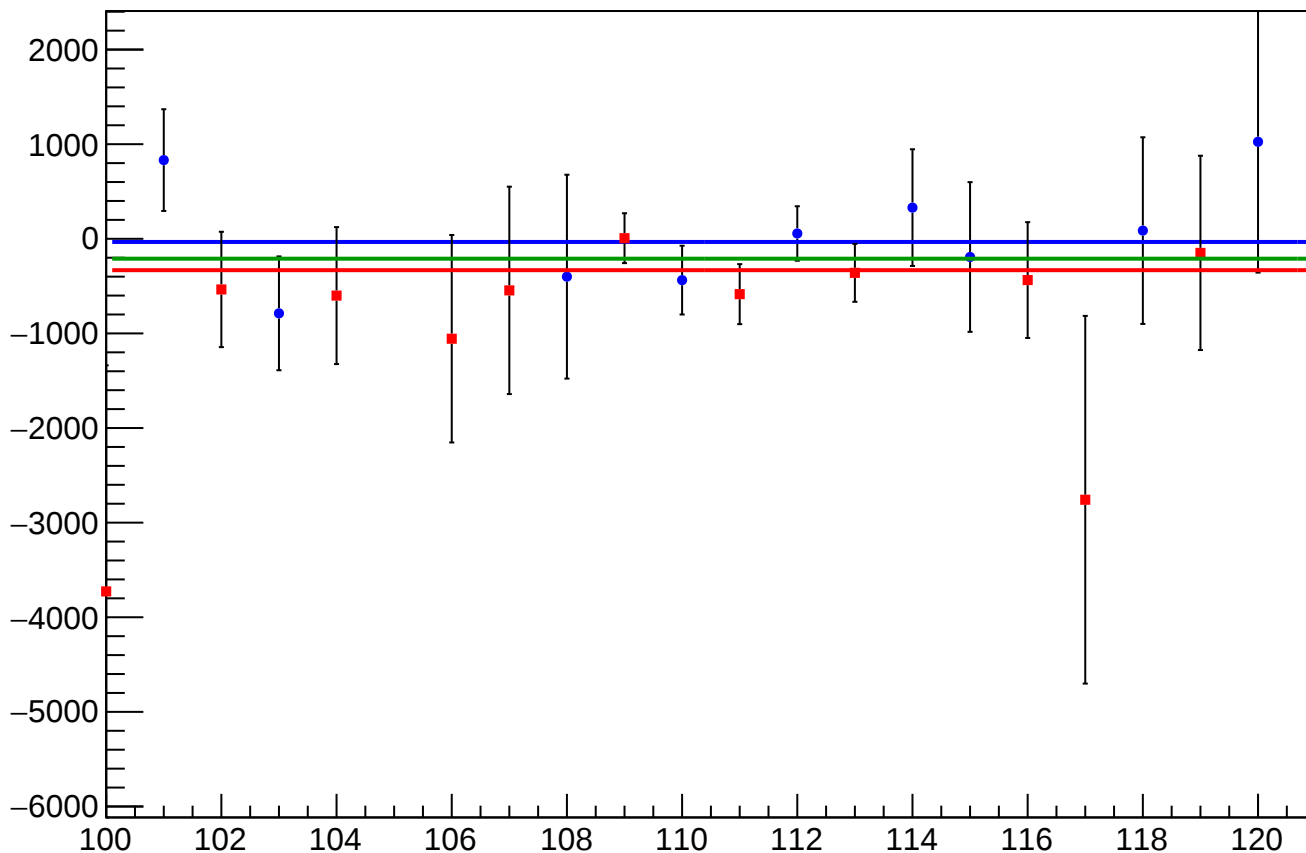
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

461.183+/-0.194 χ^2/NDF : 1089297.5/8

485.976+/-0.134 χ^2/NDF : 2269170.4/20

508.943+/-0.186 χ^2/NDF : 1148323.7/11

asym_sam7_mean vs Slug, Sign Corrected



Right In: -33.321+/-175.424 χ^2/NDF : 6.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -331.699+/-145.386 χ^2/NDF : 7.3/11

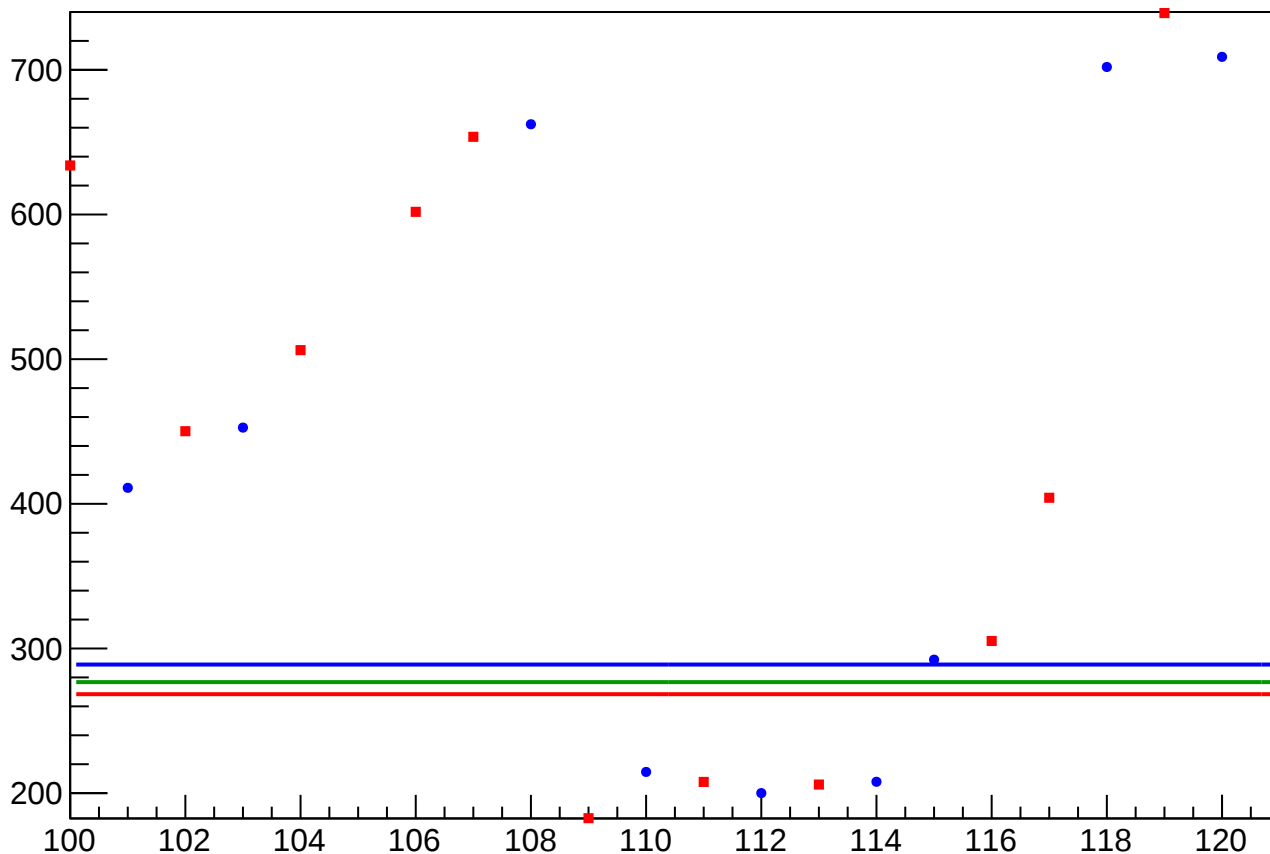
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-33.321+/-175.424 χ^2/NDF : 6.6/8

-210.205+/-111.939 χ^2/NDF : 15.6/20

-331.699+/-145.386 χ^2/NDF : 7.3/11

asym_sam7_rms vs Slug, Sign Corrected



Right In: 288.900+/-0.124 χ^2/NDF : 1335817.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 268.407+/-0.103 χ^2/NDF : 1780689.7/11

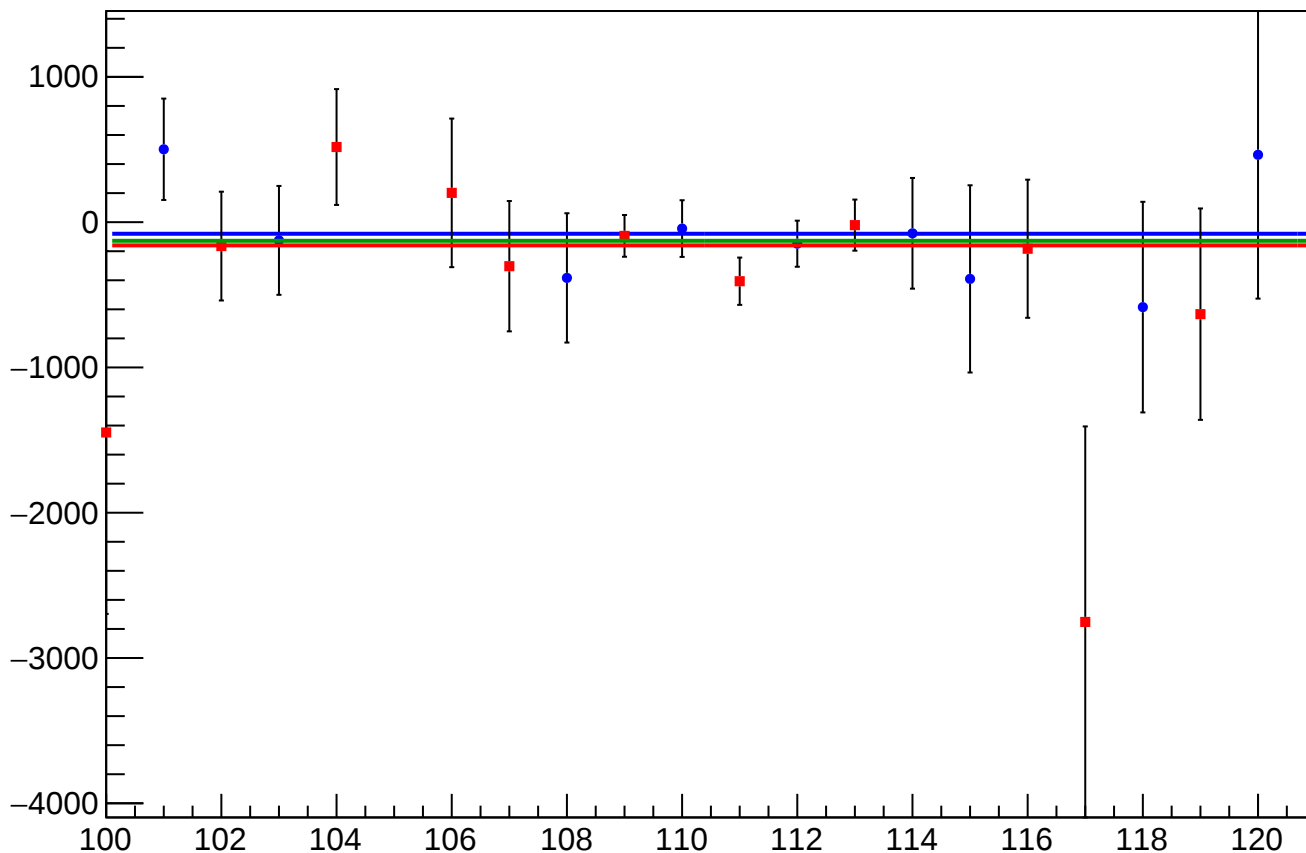
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

288.900+/-0.124 χ^2/NDF : 1335817.9/8

276.751+/-0.079 χ^2/NDF : 3132688.6/20

268.407+/-0.103 χ^2/NDF : 1780689.7/11

asym_sam8_mean vs Slug, Sign Corrected



Right In: -79.757 ± 100.683 χ^2/NDF : 4.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -159.813 ± 81.451 χ^2/NDF : 11.8/11

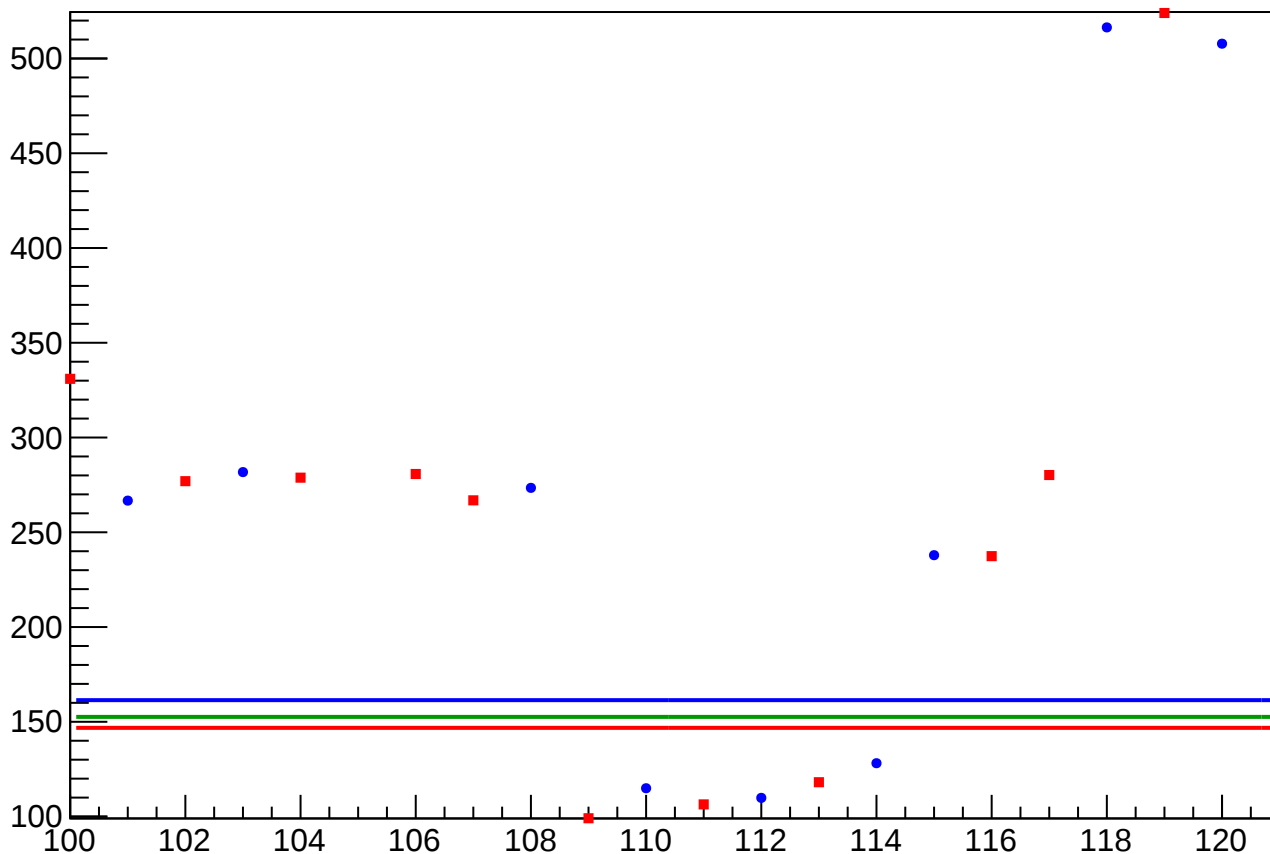
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-79.757 ± 100.683 χ^2/NDF : 4.5/8

-128.145 ± 63.324 χ^2/NDF : 16.7/20

-159.813 ± 81.451 χ^2/NDF : 11.8/11

asym_sam8_rms vs Slug, Sign Corrected



Right In: 161.419+/-0.071 χ^2/NDF : 1608038.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.811+/-0.058 χ^2/NDF : 2093658.6/11

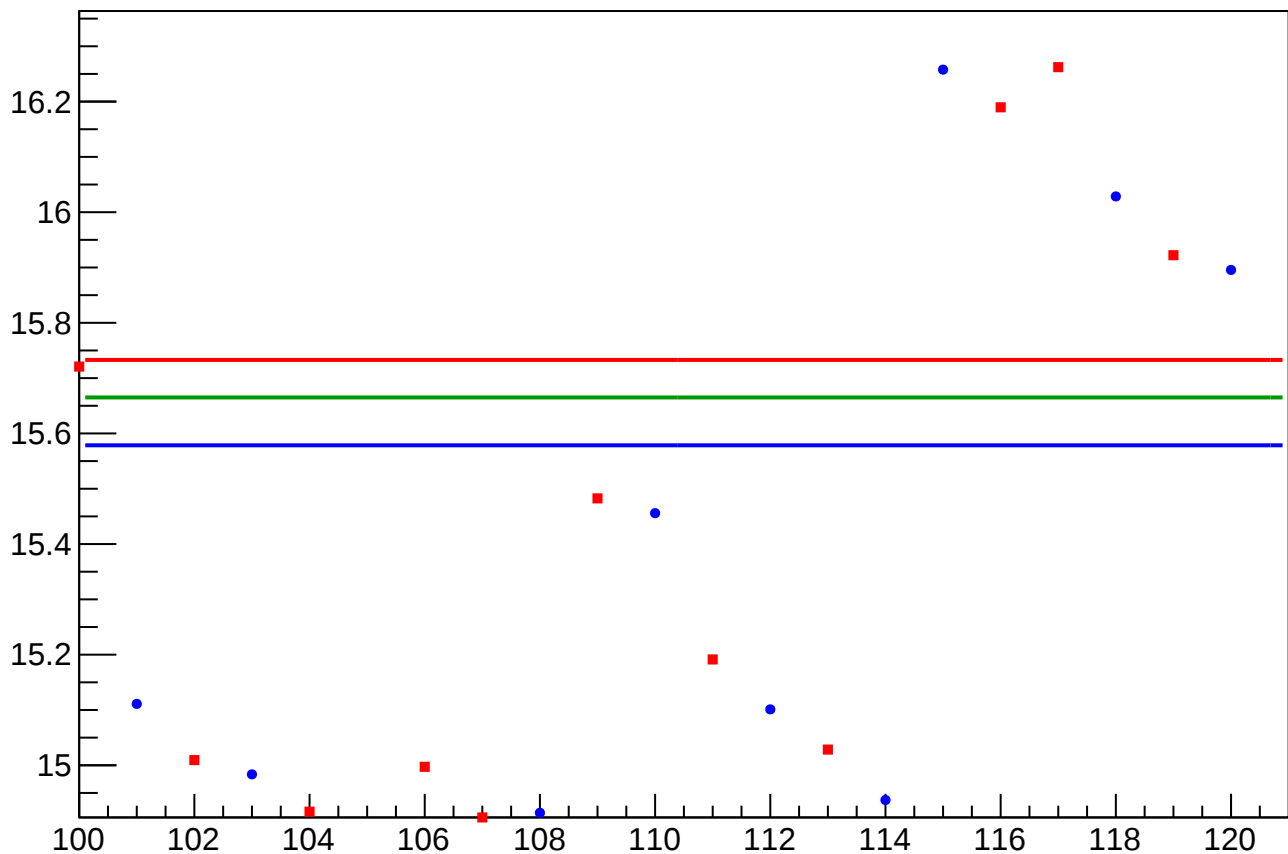
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

161.419+/-0.071 χ^2/NDF : 1608038.4/8

152.589+/-0.045 χ^2/NDF : 3727142.5/20

146.811+/-0.058 χ^2/NDF : 2093658.6/11

yield_sam1_mean vs Slug, Sign Corrected



Right In: 15.579+/-0.000 χ^2/NDF : 1973387469.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.733+/-0.000 χ^2/NDF : 3417223174.5/11

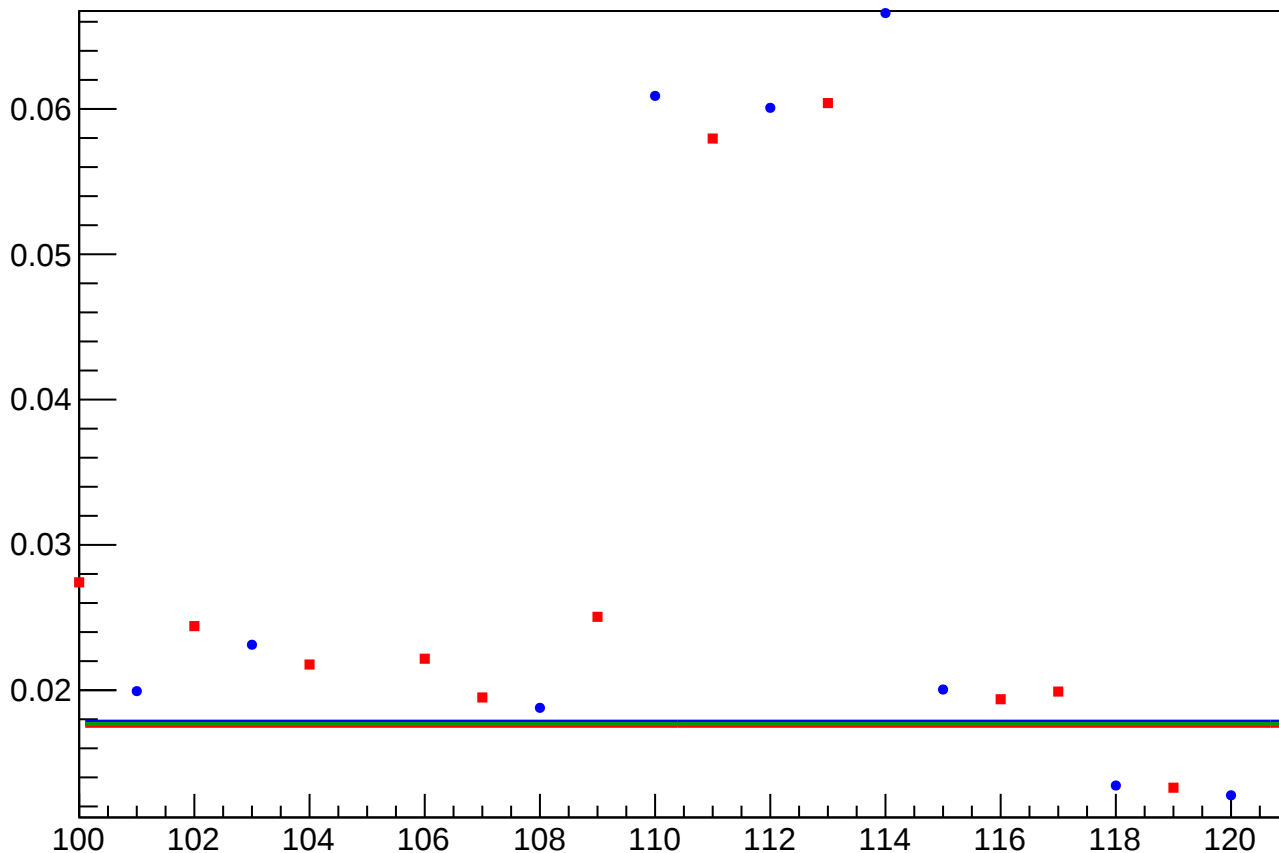
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15.579+/-0.000 χ^2/NDF : 1973387469.9/8

15.665+/-0.000 χ^2/NDF : 5499765392.9/2

15.733+/-0.000 χ^2/NDF : 3417223174.5/11

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 1133308.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.018+/-0.000 χ^2/NDF : 1378858.3/11

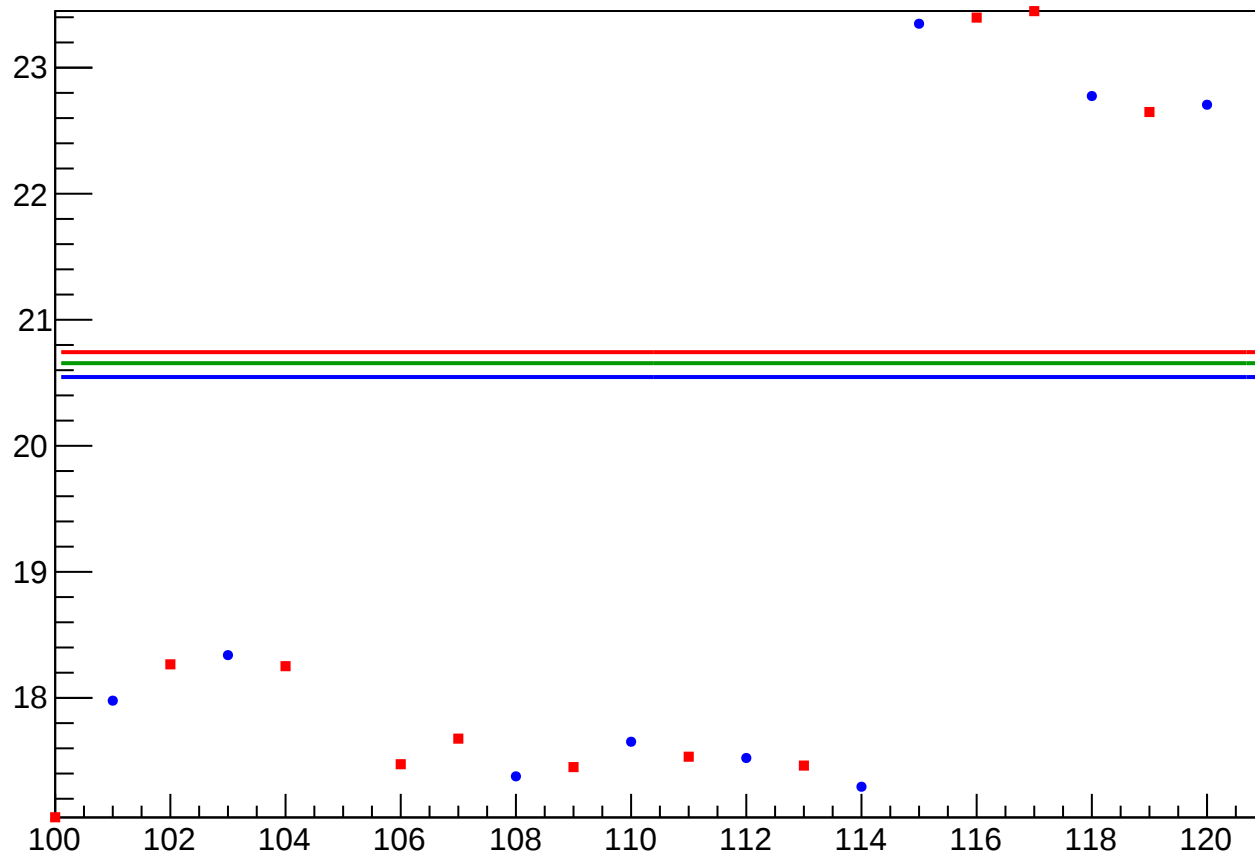
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.018+/-0.000 χ^2/NDF : 1133308.8/8

0.018+/-0.000 χ^2/NDF : 2512917.3/20

0.018+/-0.000 χ^2/NDF : 1378858.3/11

yield_sam2_mean vs Slug, Sign Corrected



Right In: 20.546+/-0.000 χ^2/NDF : 550626880.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.743+/-0.000 χ^2/NDF : 753925810.3/11

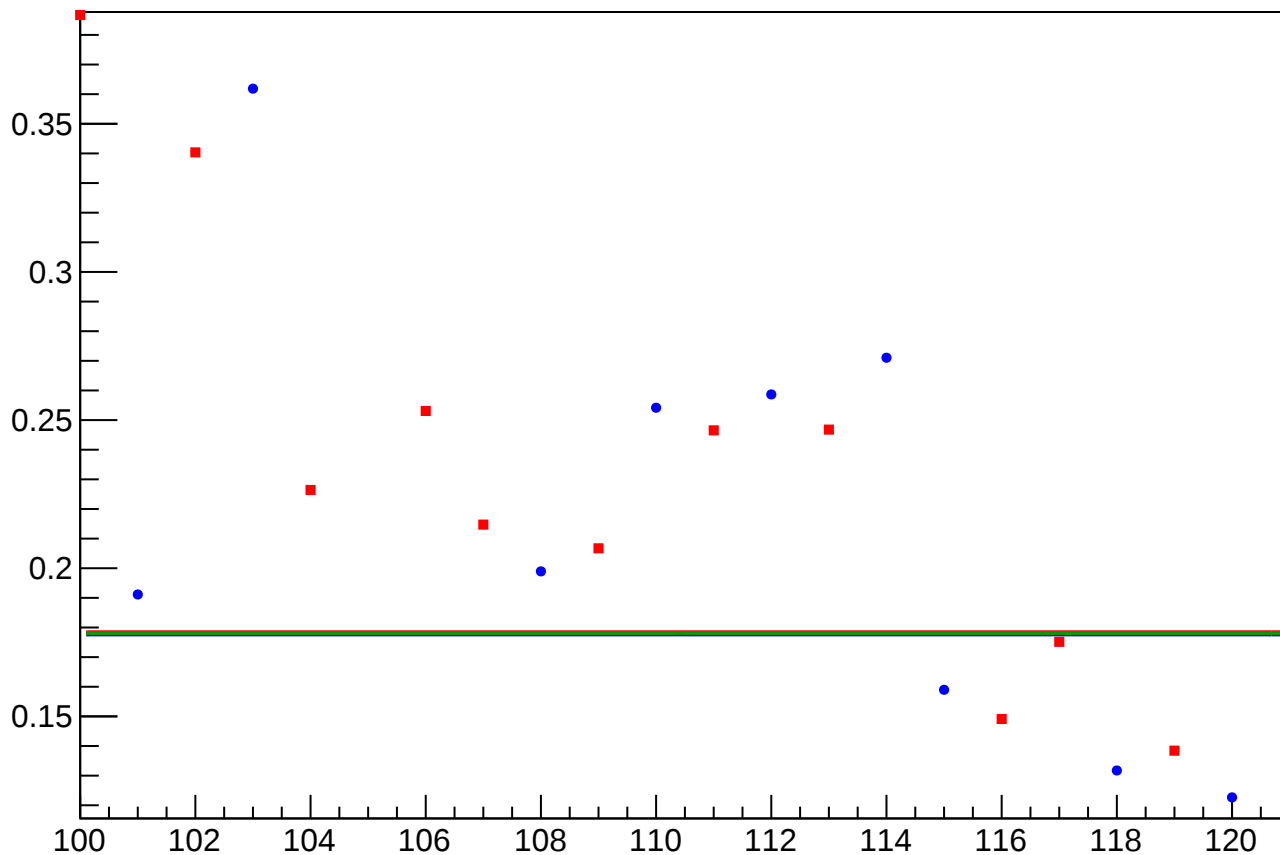
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

20.546+/-0.000 χ^2/NDF : 550626880.8/8

20.656+/-0.000 χ^2/NDF : 1306421120.5/2

20.743+/-0.000 χ^2/NDF : 753925810.3/11

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.178+/-0.000 χ^2/NDF : 682431.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.178+/-0.000 χ^2/NDF : 802042.2/11

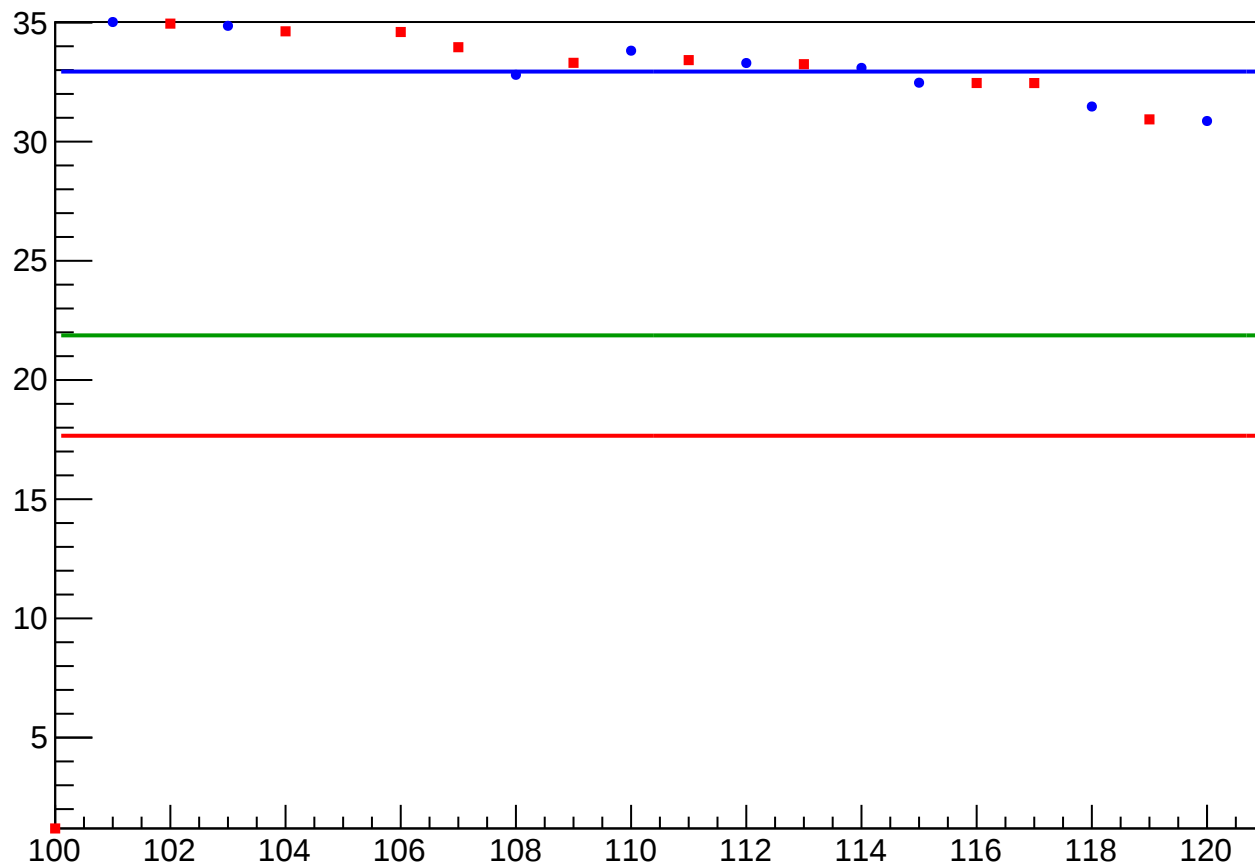
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.178+/-0.000 χ^2/NDF : 682431.1/8

0.178+/-0.000 χ^2/NDF : 1484521.2/20

0.178+/-0.000 χ^2/NDF : 802042.2/11

yield_sam3_mean vs Slug, Sign Corrected



Right In: 32.939+/-0.000 χ^2/NDF : 355484296.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.662+/-0.000 χ^2/NDF : 187240081324.4/11

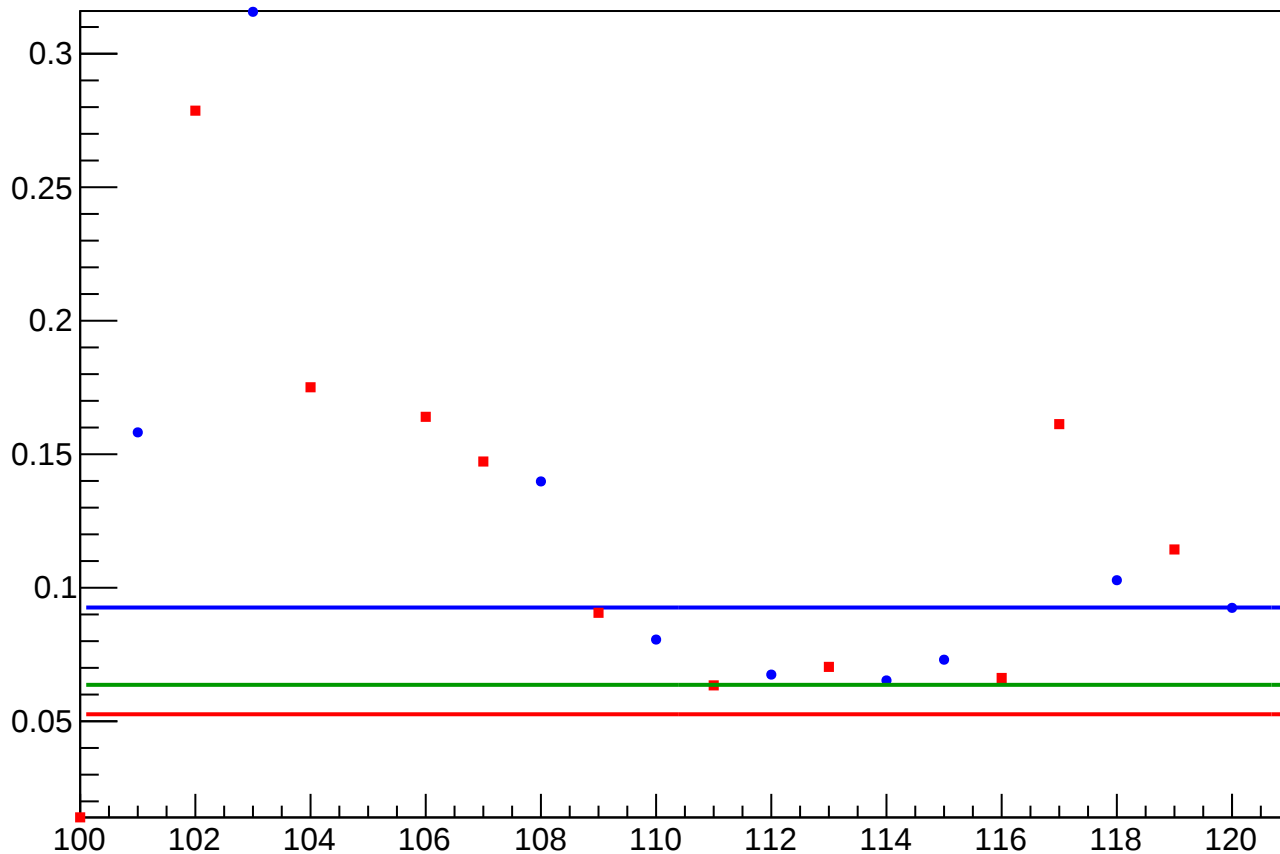
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.939+/-0.000 χ^2/NDF : 355484296.2/8

21.872+/-0.000 χ^2/NDF : 234894424565.0

17.662+/-0.000 χ^2/NDF : 187240081324.4/11

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.093+/-0.000 χ^2/NDF : 971799.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.053+/-0.000 χ^2/NDF : 3147077.5/11

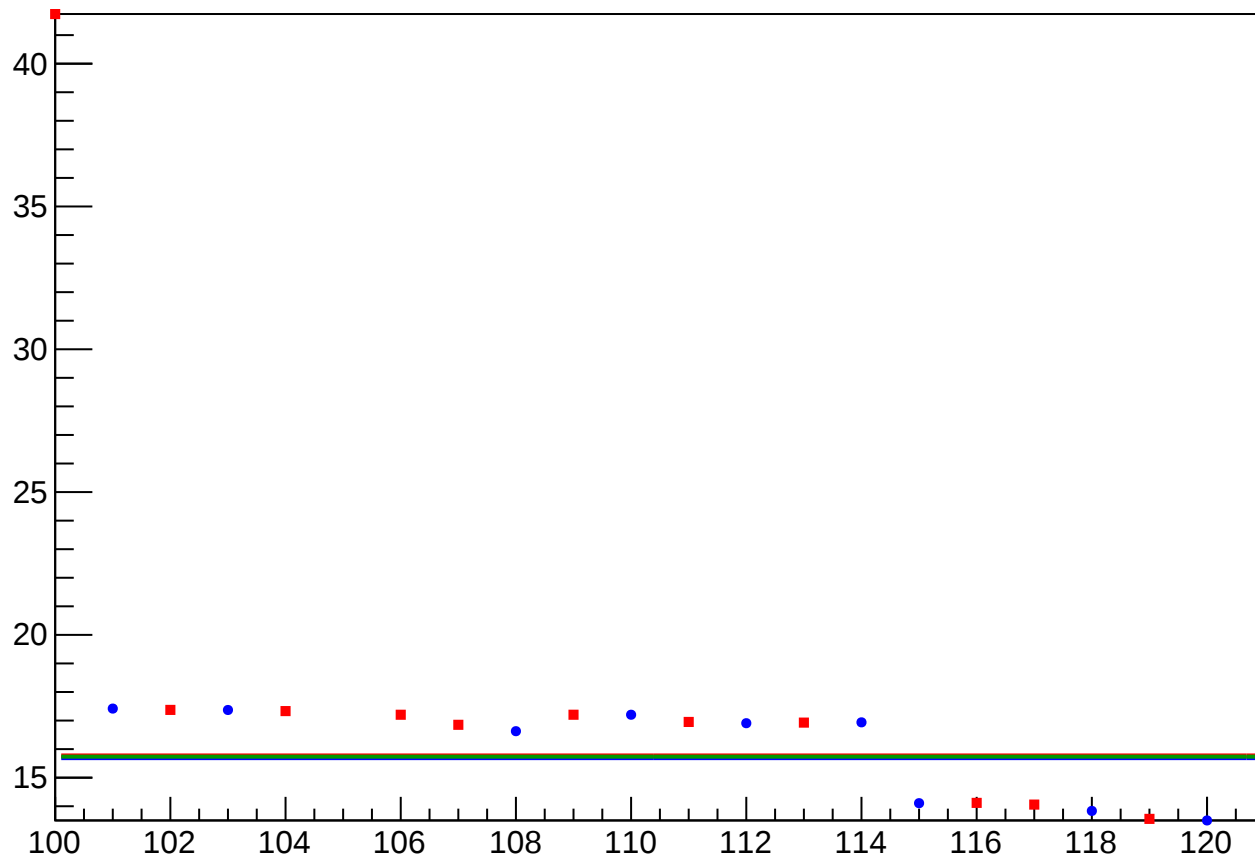
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.093+/-0.000 χ^2/NDF : 971799.9/8

0.064+/-0.000 χ^2/NDF : 4766720.3/20

0.053+/-0.000 χ^2/NDF : 3147077.5/11

yield_sam4_mean vs Slug, Sign Corrected



Right In: 15.684+/-0.000 χ^2/NDF : 842997325.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.779+/-0.000 χ^2/NDF : 1176844081.6/11

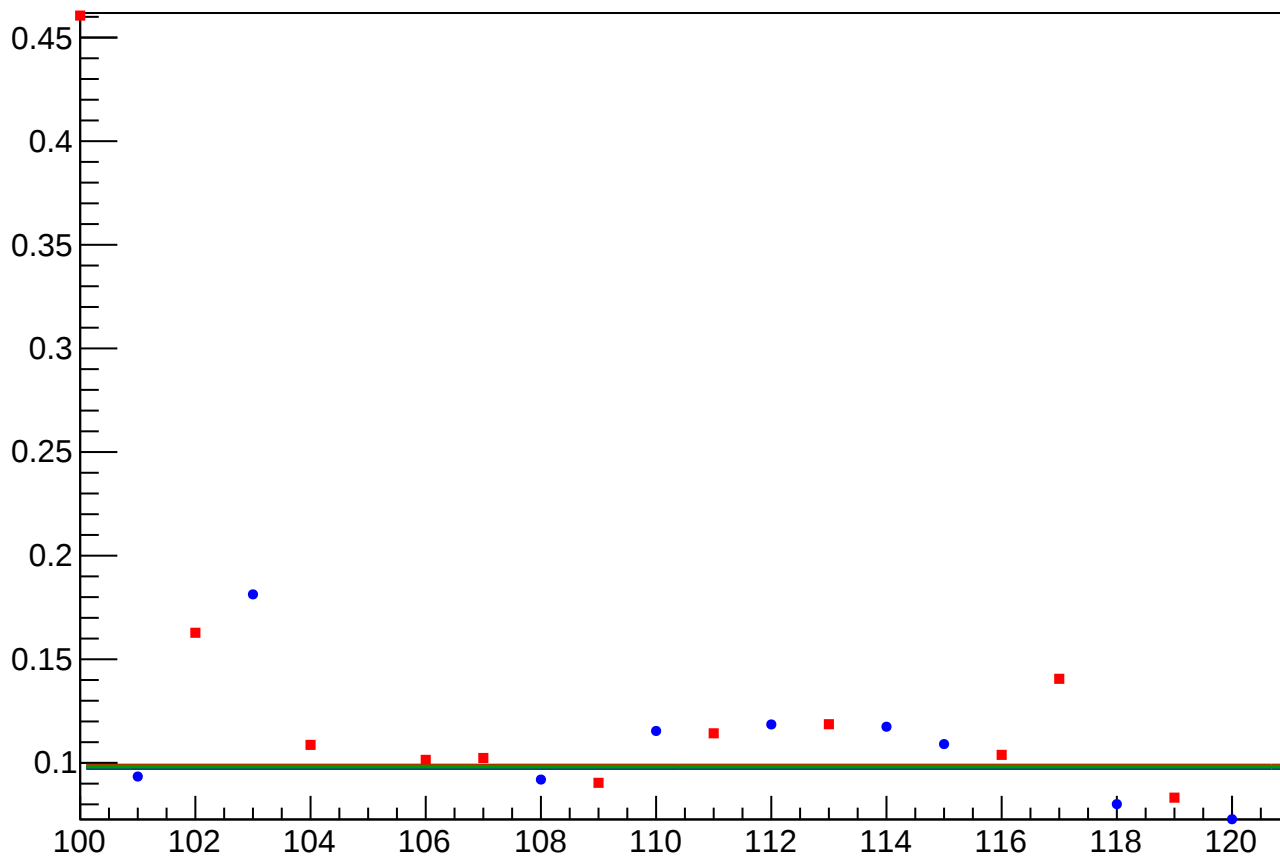
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15.684+/-0.000 χ^2/NDF : 842997325.5/8

15.737+/-0.000 χ^2/NDF : 2021310009.5/2

15.779+/-0.000 χ^2/NDF : 1176844081.6/11

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.098+/-0.000 χ^2/NDF : 392151.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.099+/-0.000 χ^2/NDF : 419258.7/11

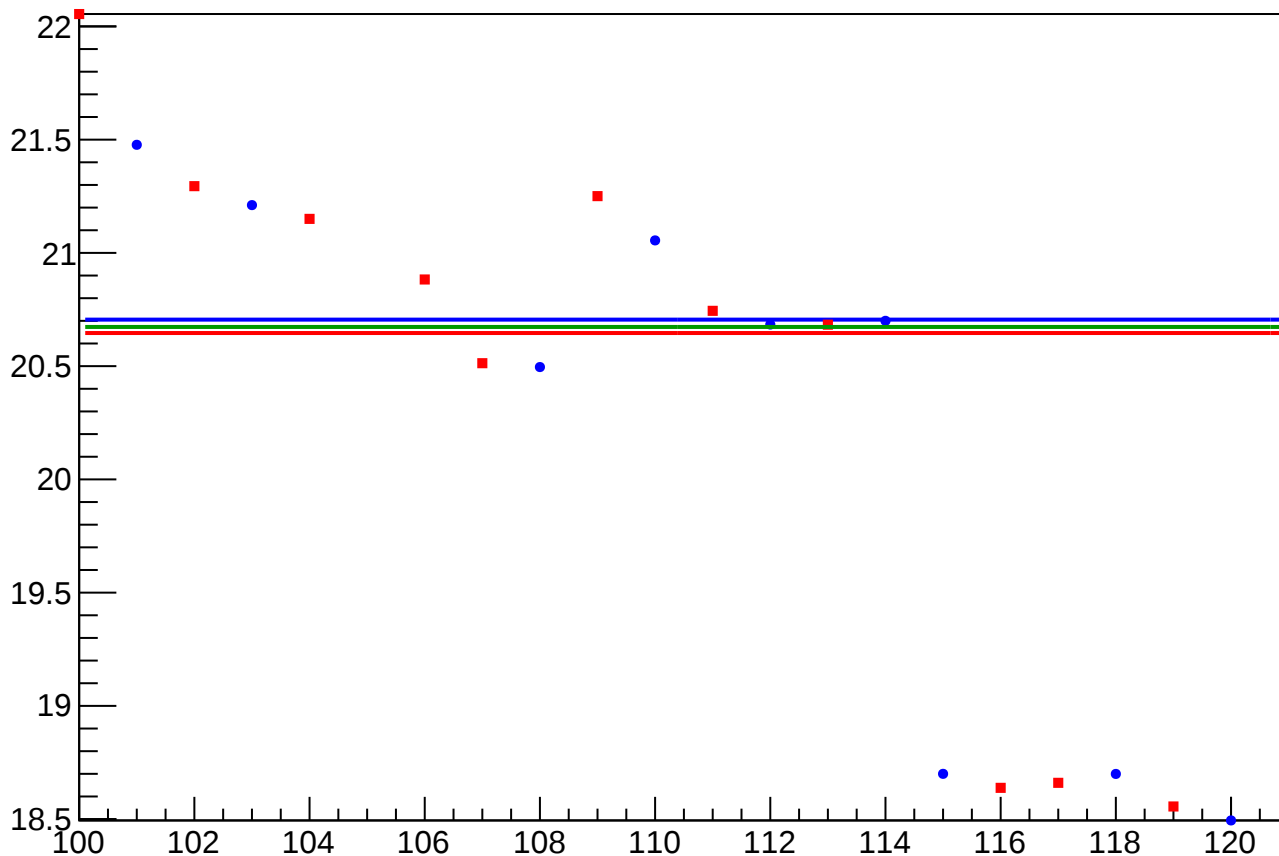
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.098+/-0.000 χ^2/NDF : 392151.1/8

0.098+/-0.000 χ^2/NDF : 811779.5/20

0.099+/-0.000 χ^2/NDF : 419258.7/11

yield_sam5_mean vs Slug, Sign Corrected



Right In: 20.705+/-0.000 χ^2/NDF : 3222345657.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.646+/-0.000 χ^2/NDF : 3478114078.9/11

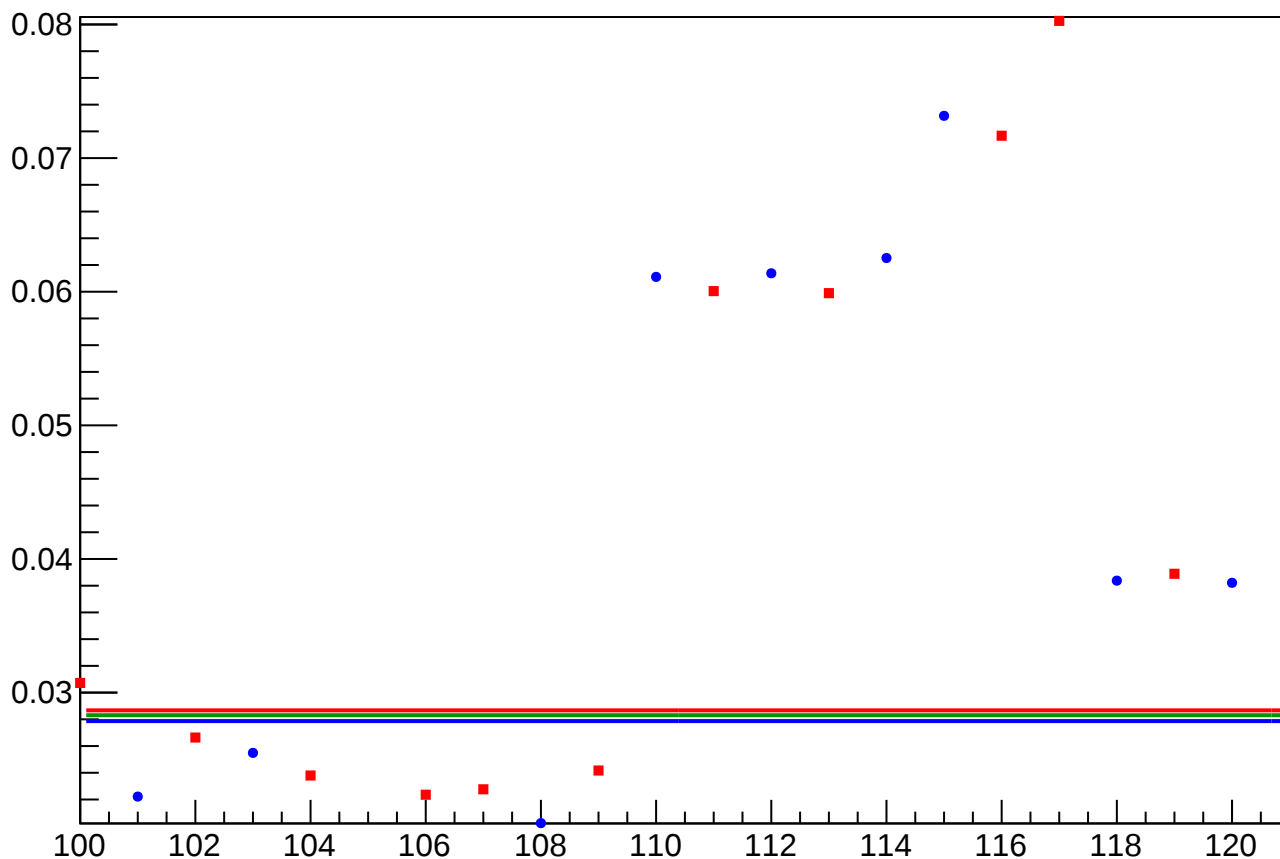
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

20.705+/-0.000 χ^2/NDF : 3222345657.8/8

20.673+/-0.000 χ^2/NDF : 6707138416.7/2

20.646+/-0.000 χ^2/NDF : 3478114078.9/11

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.028+/-0.000 χ^2/NDF : 906580.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.029+/-0.000 χ^2/NDF : 885662.5/11

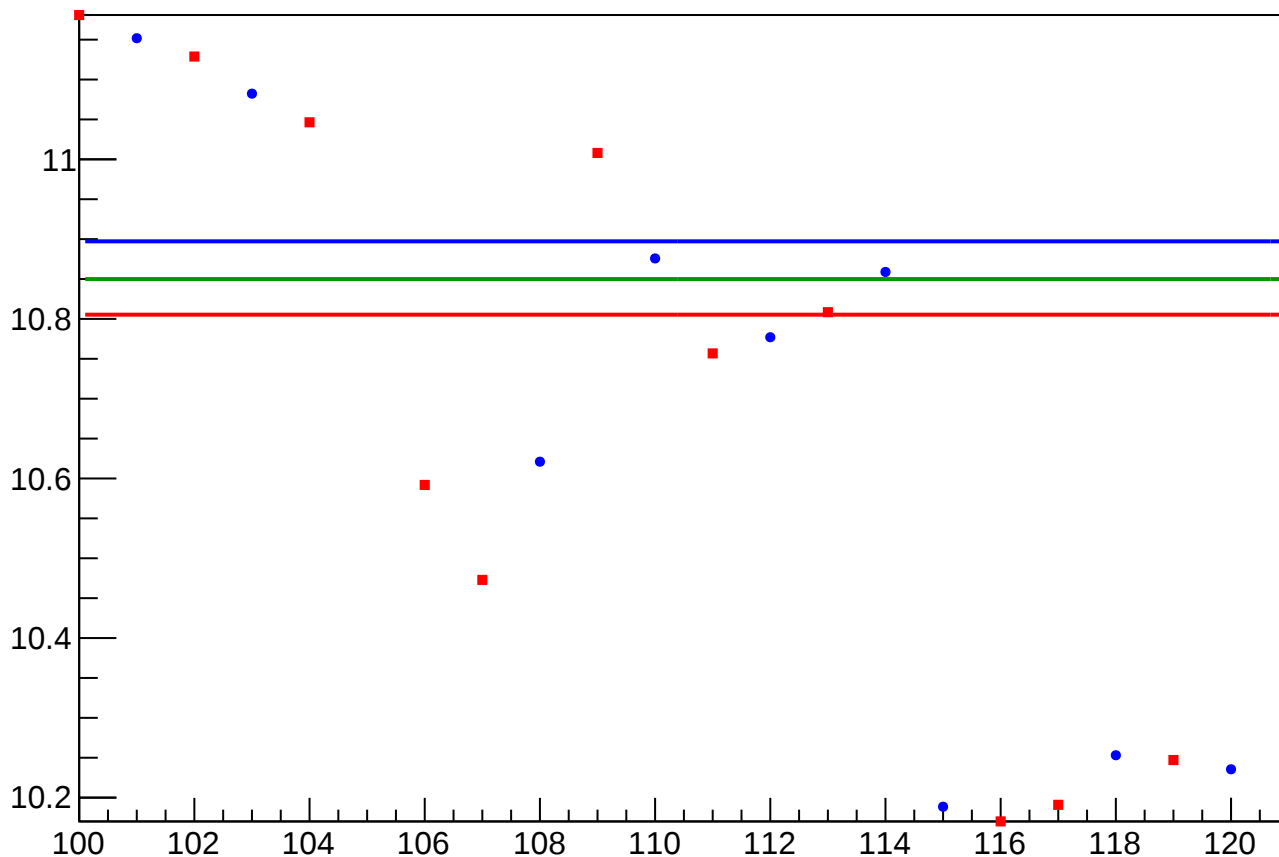
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.028+/-0.000 χ^2/NDF : 906580.6/8

0.028+/-0.000 χ^2/NDF : 1794713.4/20

0.029+/-0.000 χ^2/NDF : 885662.5/11

yield_sam6_mean vs Slug, Sign Corrected



Right In: 10.897+/-0.000 χ^2/NDF : 1666919204.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.805+/-0.000 χ^2/NDF : 1738578366.7/11

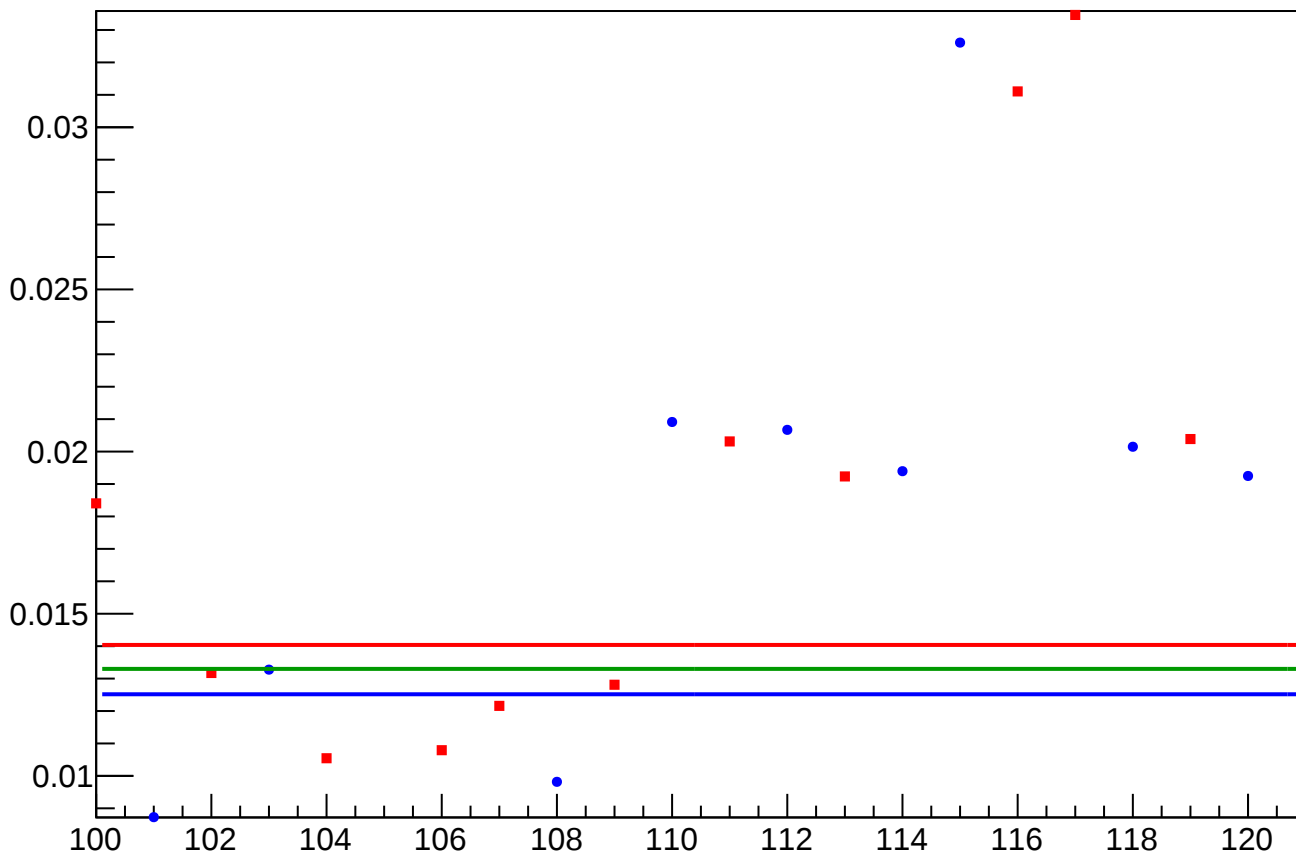
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.897+/-0.000 χ^2/NDF : 1666919204.2/8

10.850+/-0.000 χ^2/NDF : 3480816464.3/2

10.805+/-0.000 χ^2/NDF : 1738578366.7/11

yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 818553.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 606197.6/11

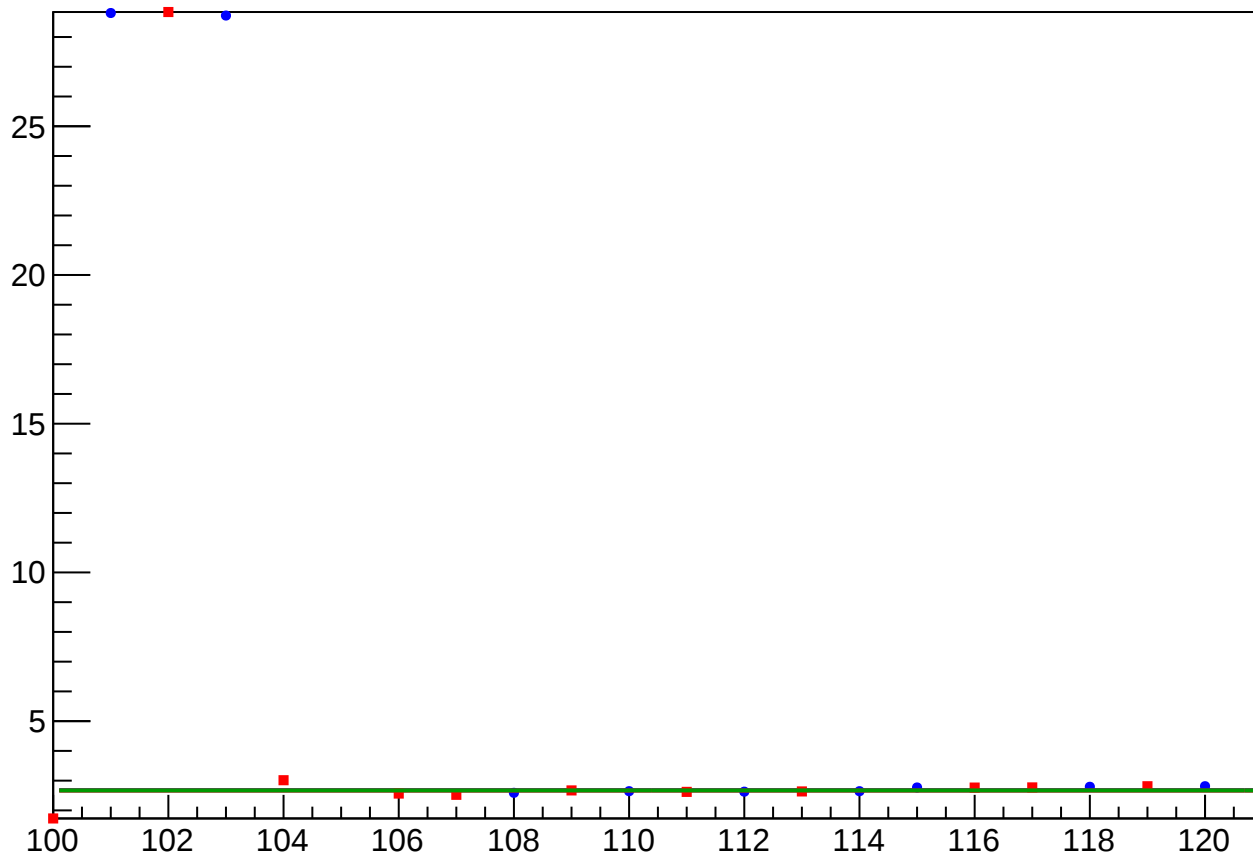
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 818553.6/8

0.013+/-0.000 χ^2/NDF : 1465995.5/20

0.014+/-0.000 χ^2/NDF : 606197.6/11

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.678+/-0.000 χ^2/NDF : 161836210678.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.667+/-0.000 χ^2/NDF : 69273274187.8/11

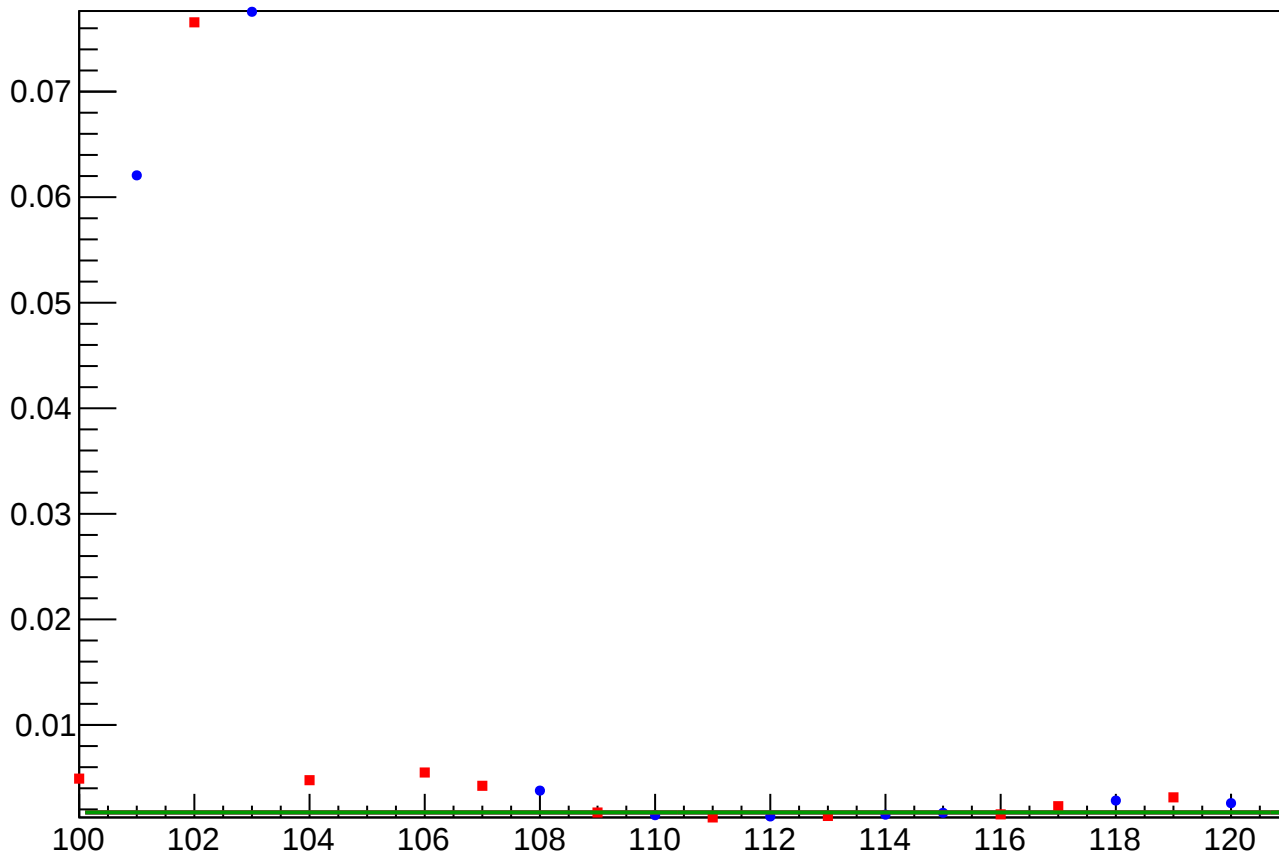
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.678+/-0.000 χ^2/NDF : 161836210678.3/8

2.672+/-0.000 χ^2/NDF : 231150007247.8/11

2.667+/-0.000 χ^2/NDF : 69273274187.8/11

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2570141.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2125648.3/11

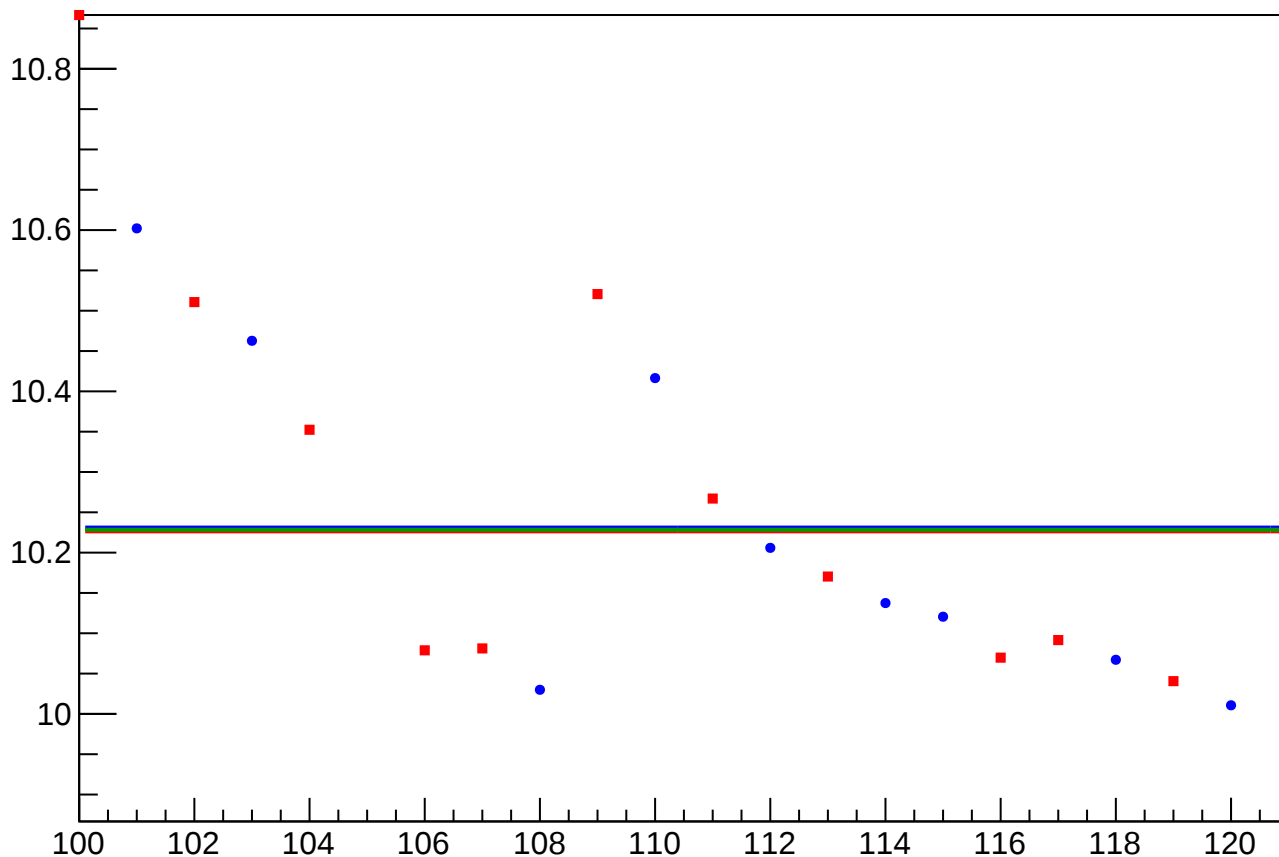
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 2570141.6/8

0.002+/-0.000 χ^2/NDF : 4695790.9/20

0.002+/-0.000 χ^2/NDF : 2125648.3/11

yield_sam8_mean vs Slug, Sign Corrected



Right In: 10.231+/-0.000 χ^2/NDF : 2323094375.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.226+/-0.000 χ^2/NDF : 3686078059.8/11

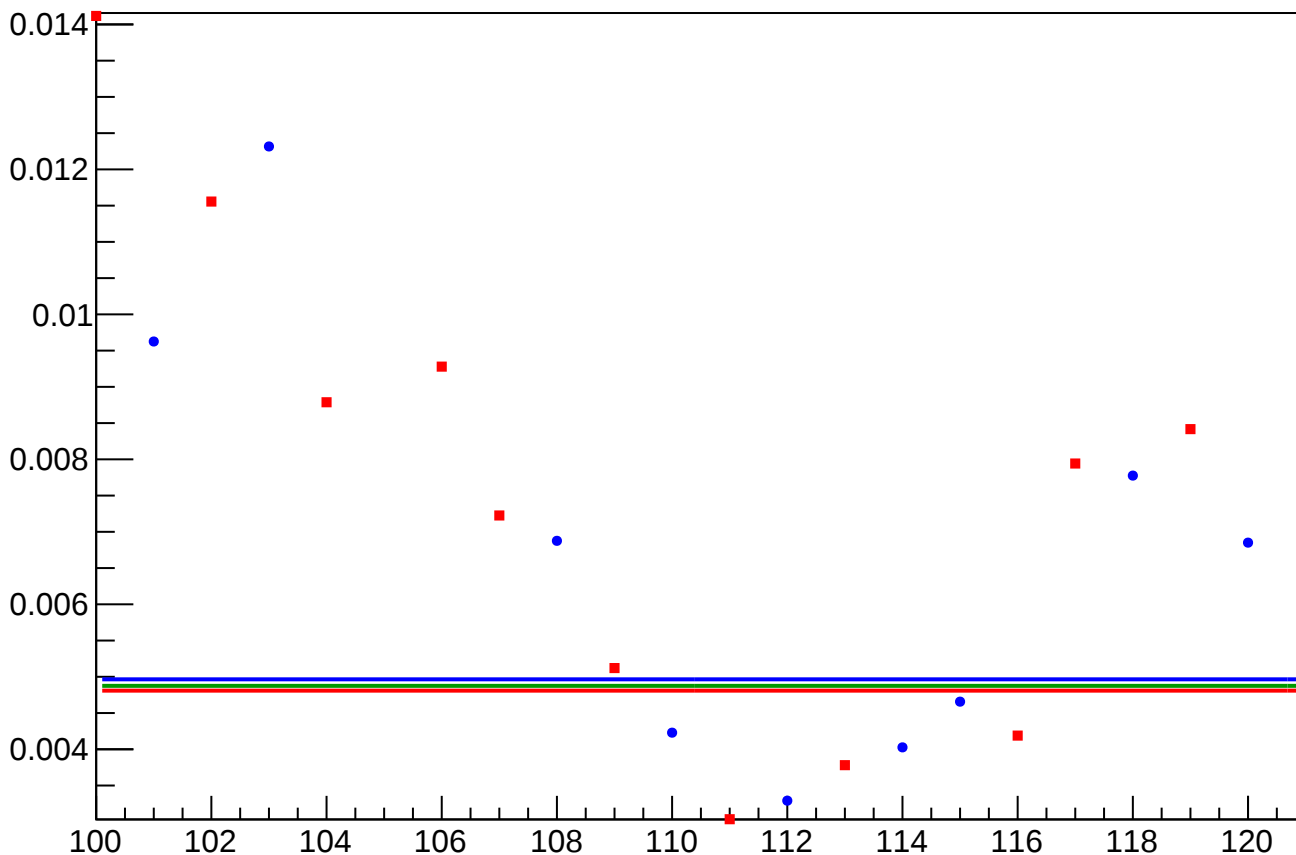
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.231+/-0.000 χ^2/NDF : 2323094375.0/8

10.228+/-0.000 χ^2/NDF : 6010429392.8/2

10.226+/-0.000 χ^2/NDF : 3686078059.8/11

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1084021.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1343444.9/11

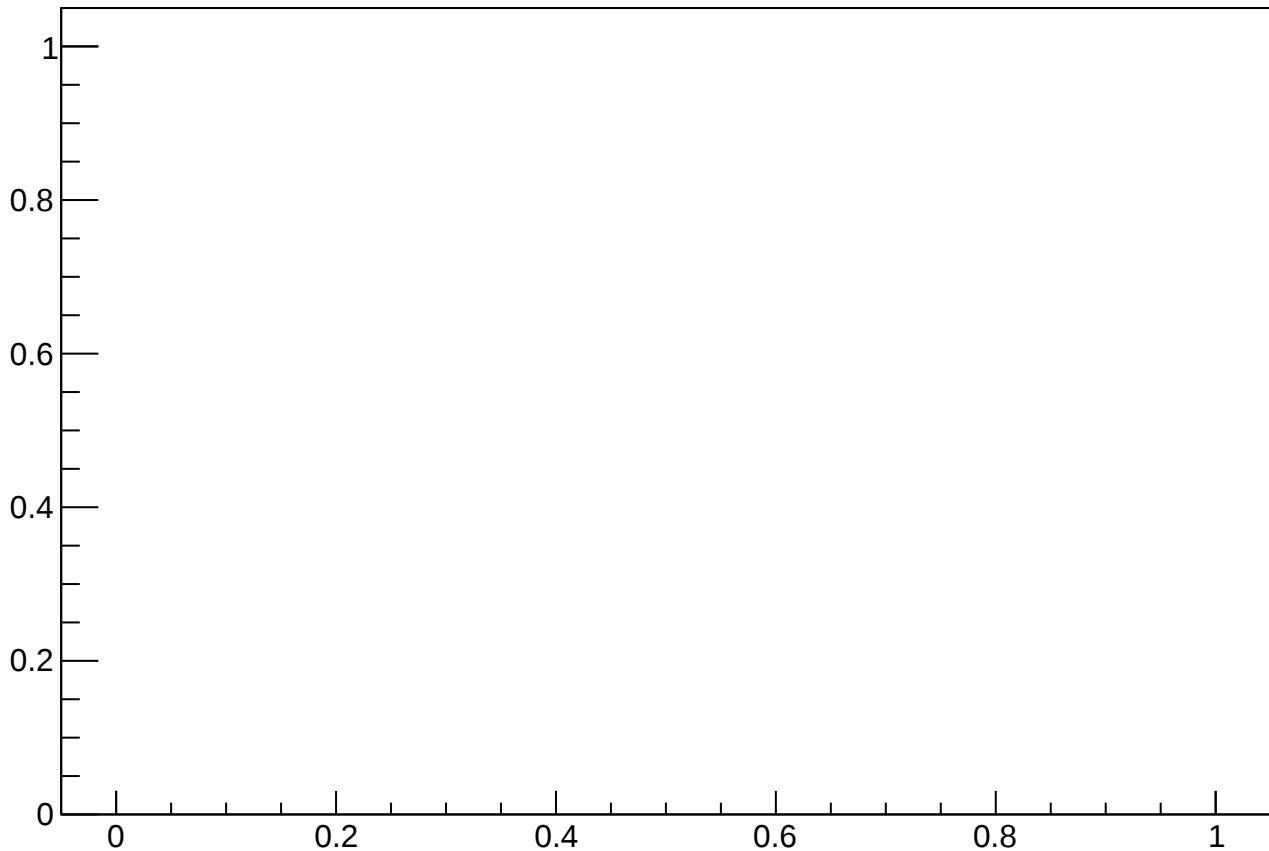
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 1084021.7/8

0.005+/-0.000 χ^2/NDF : 2430262.1/20

0.005+/-0.000 χ^2/NDF : 1343444.9/11

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

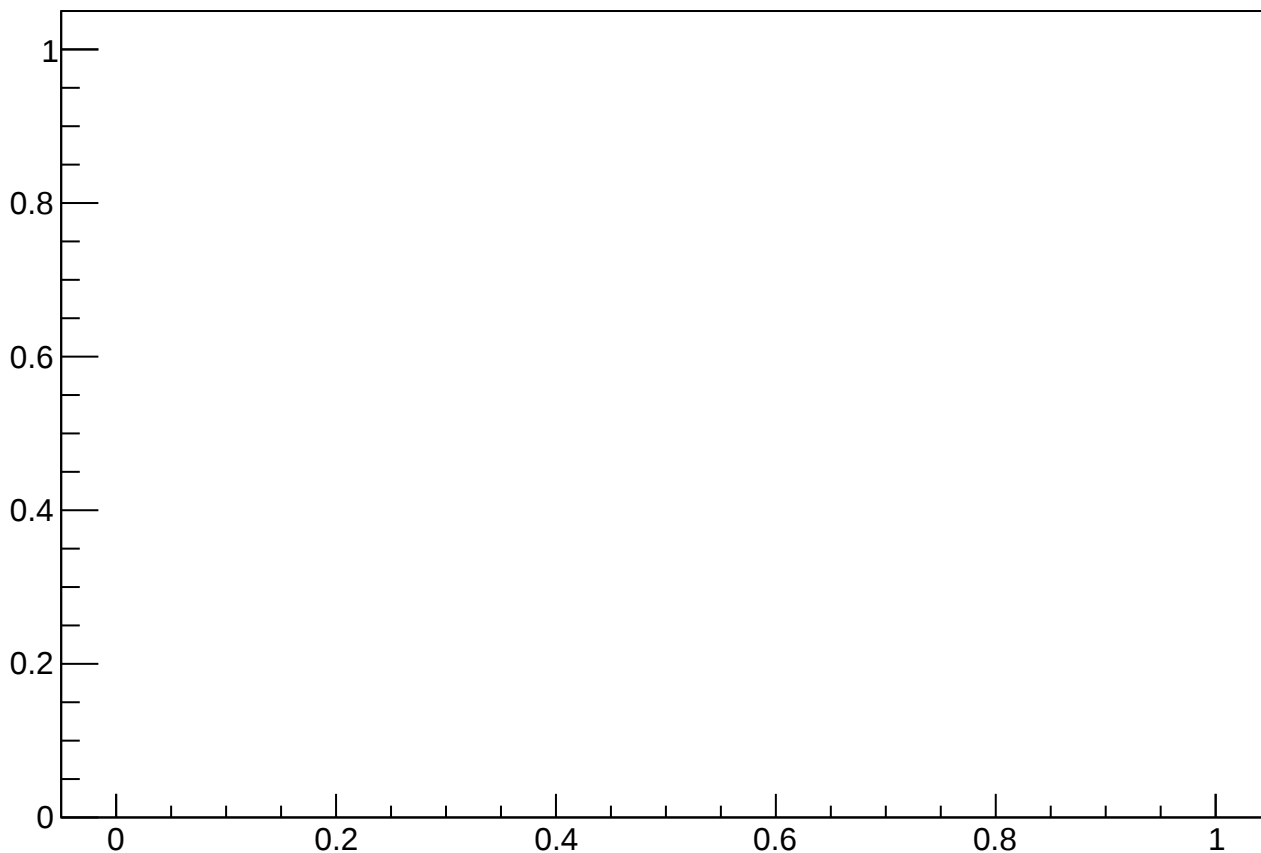
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

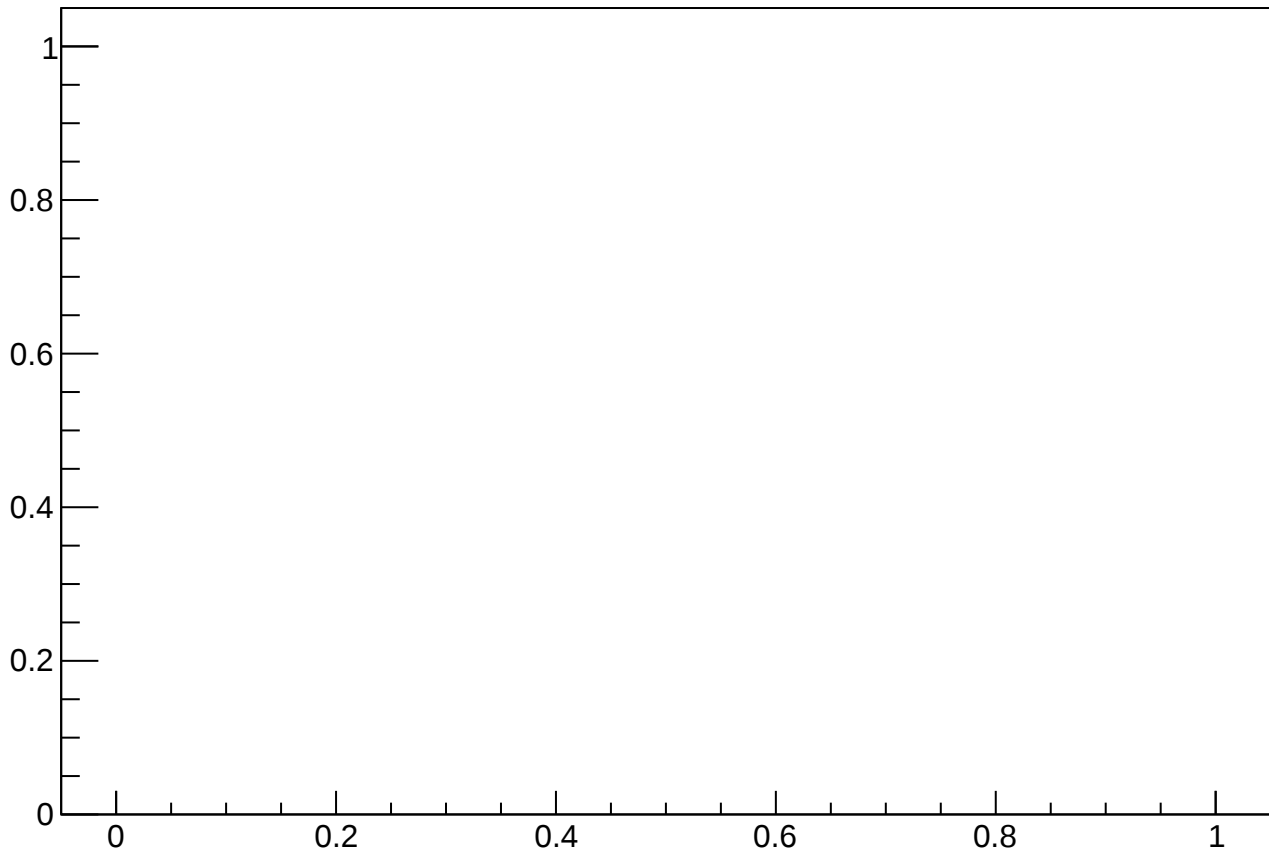
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

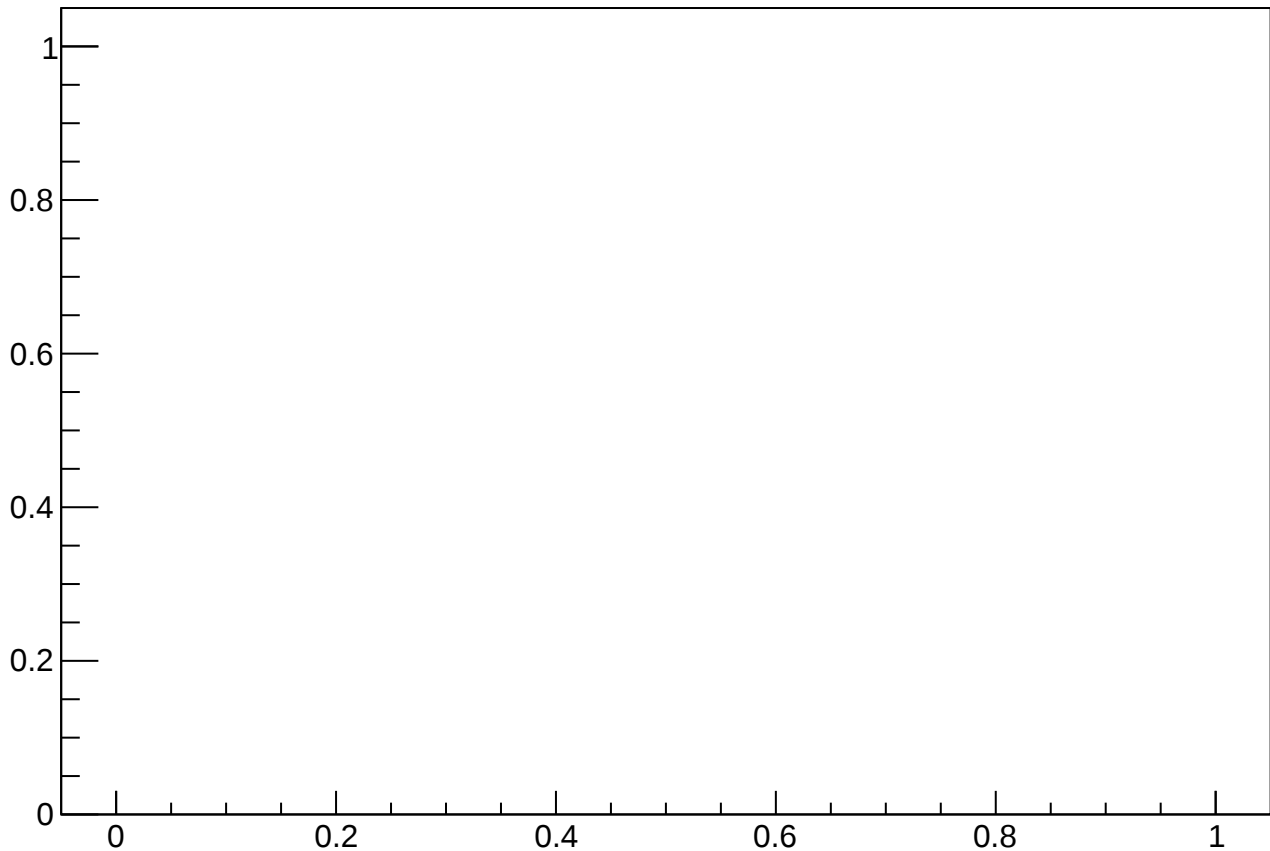
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

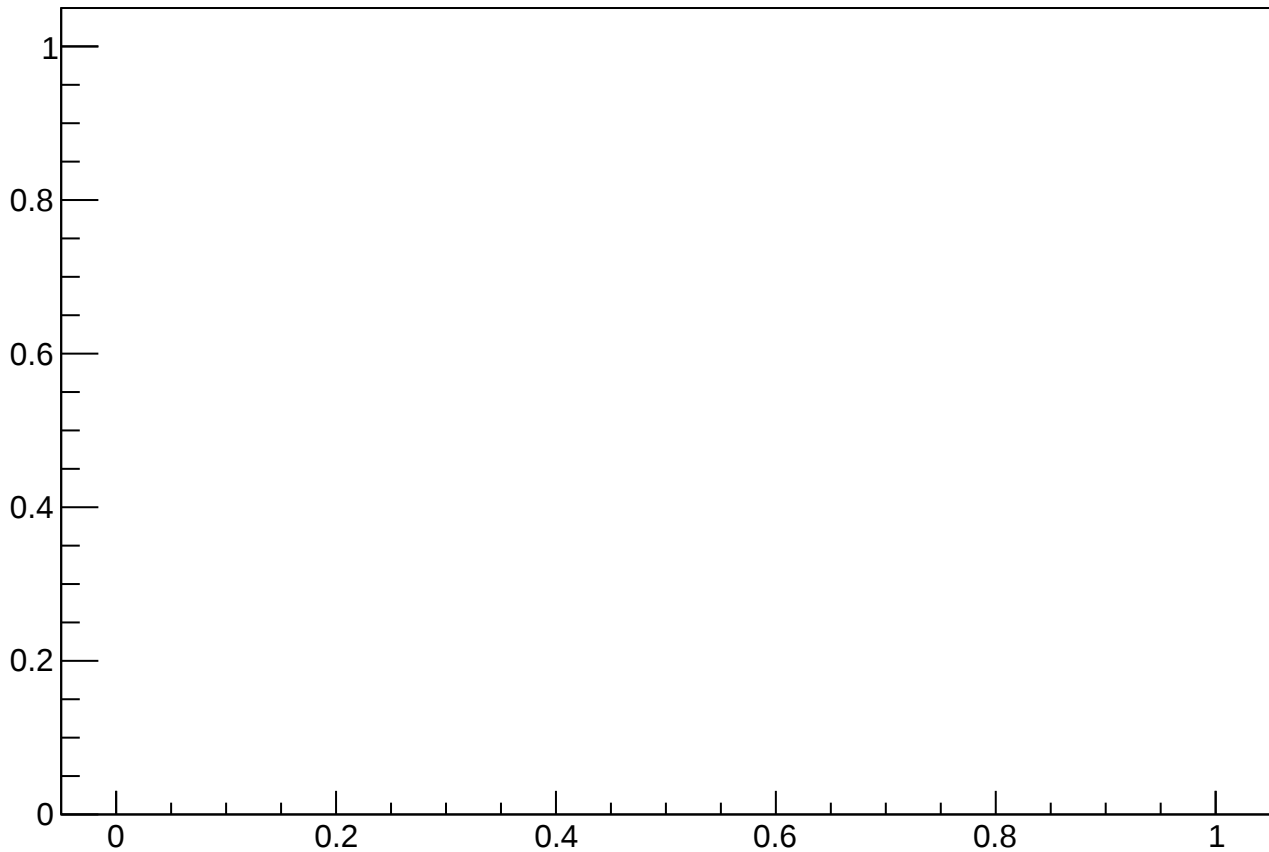
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

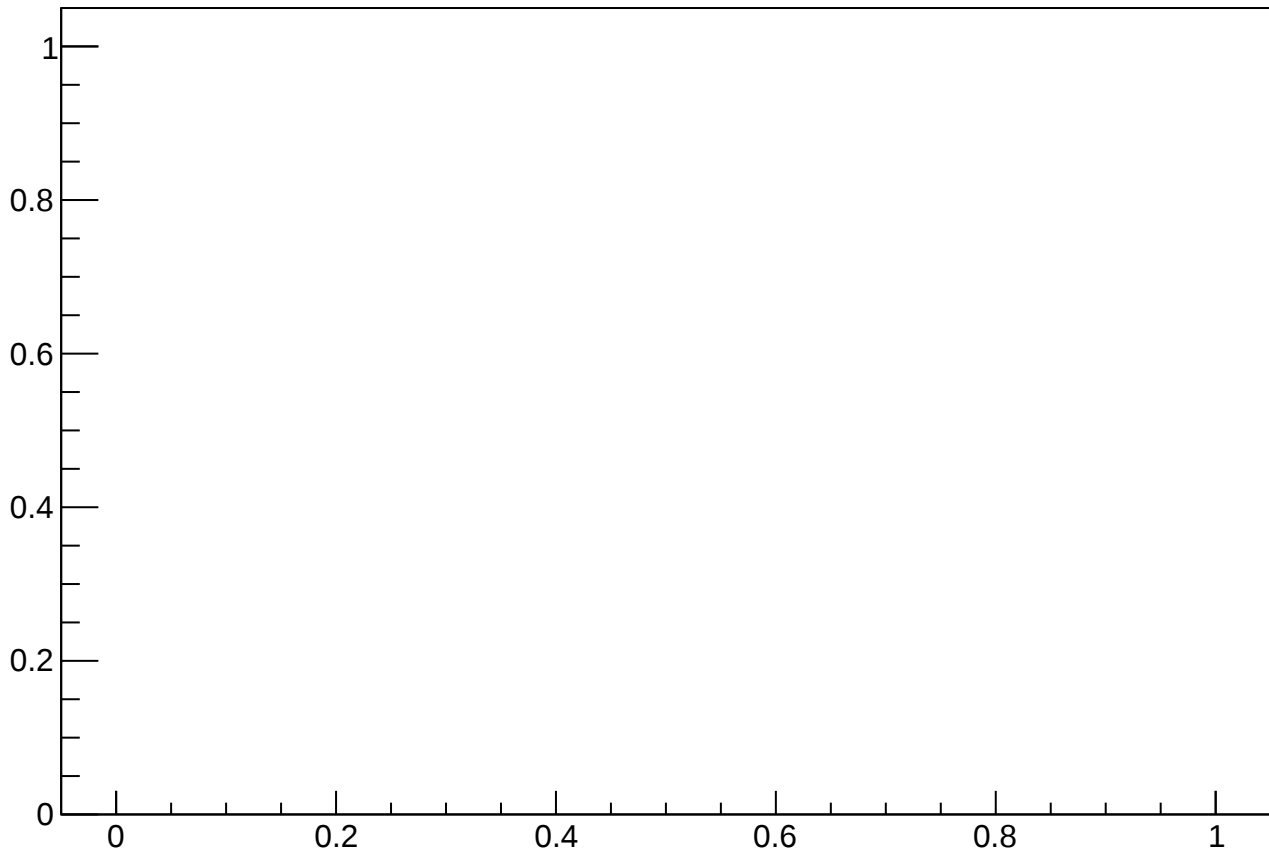
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

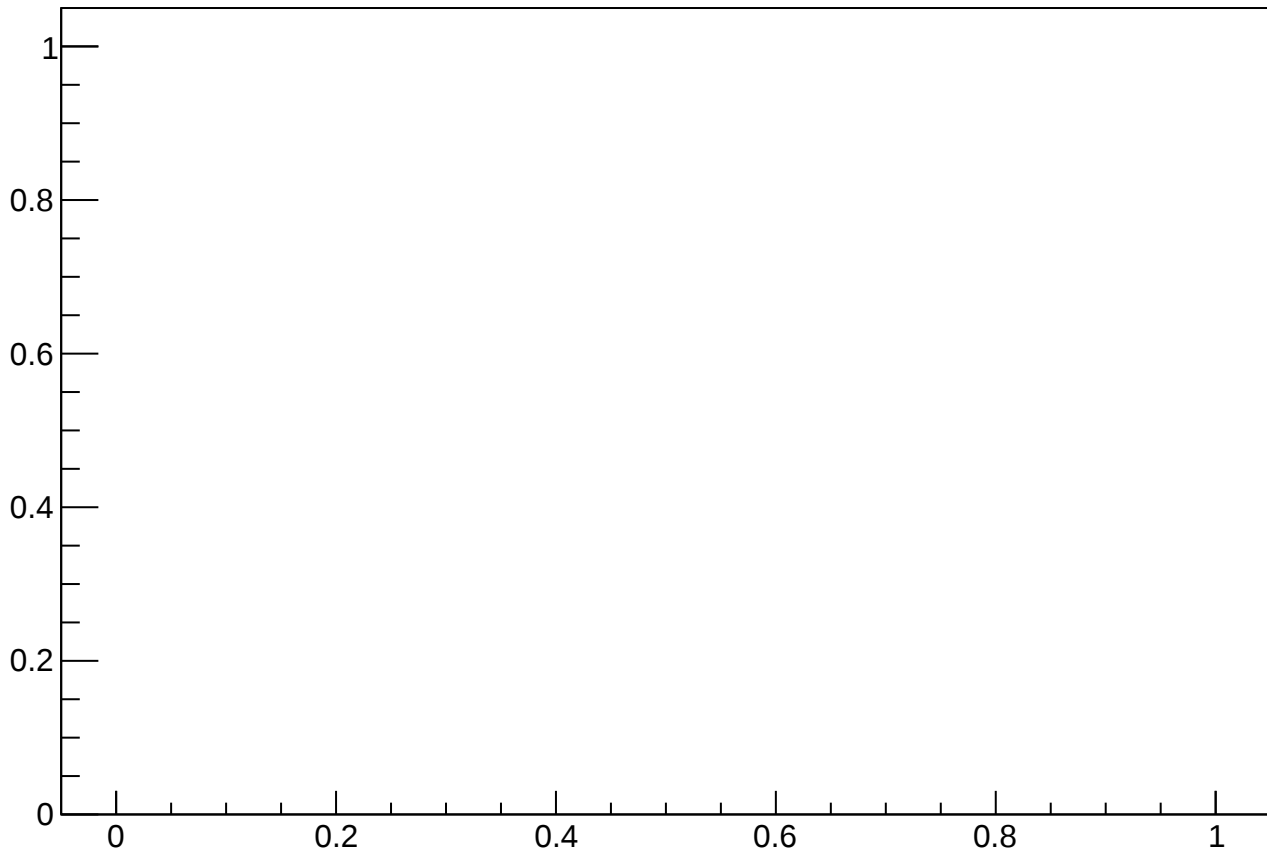
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

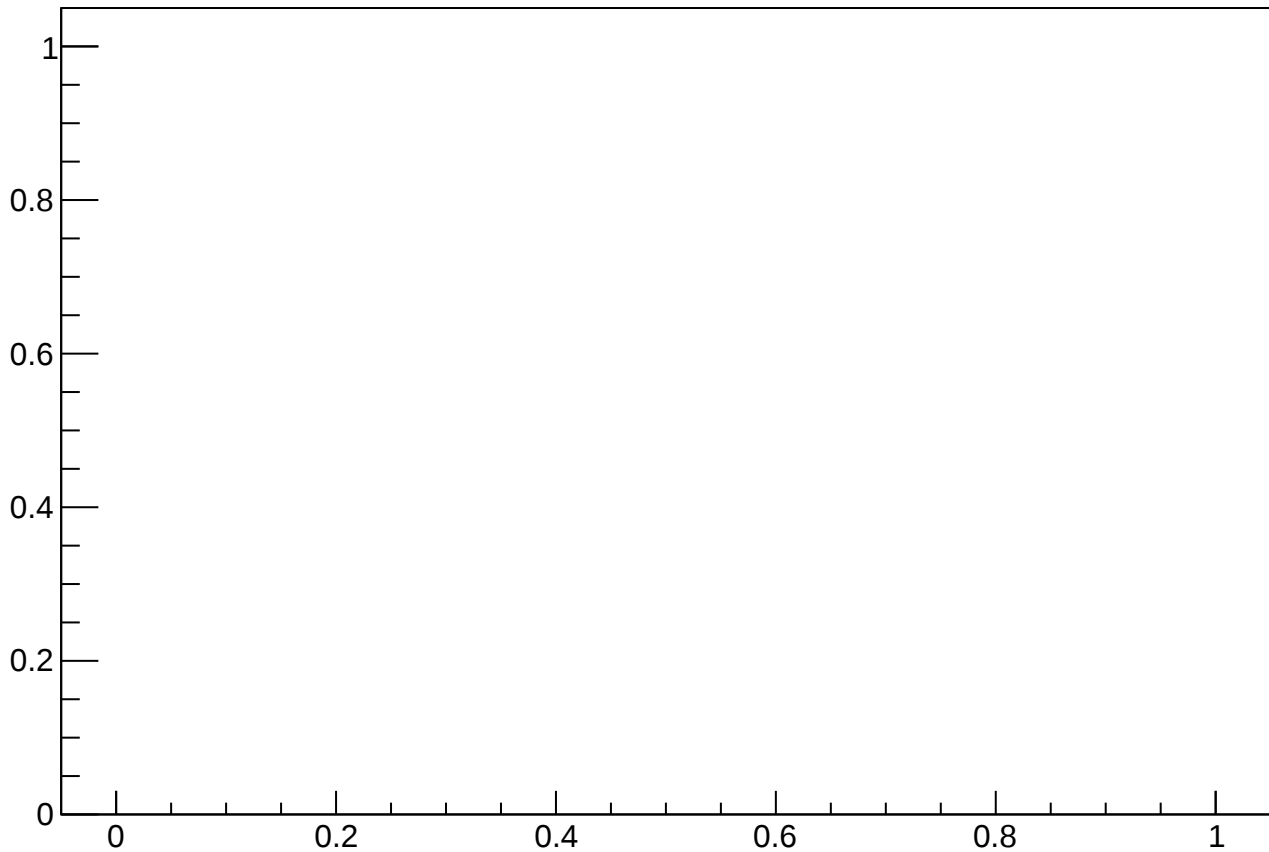
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam4_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

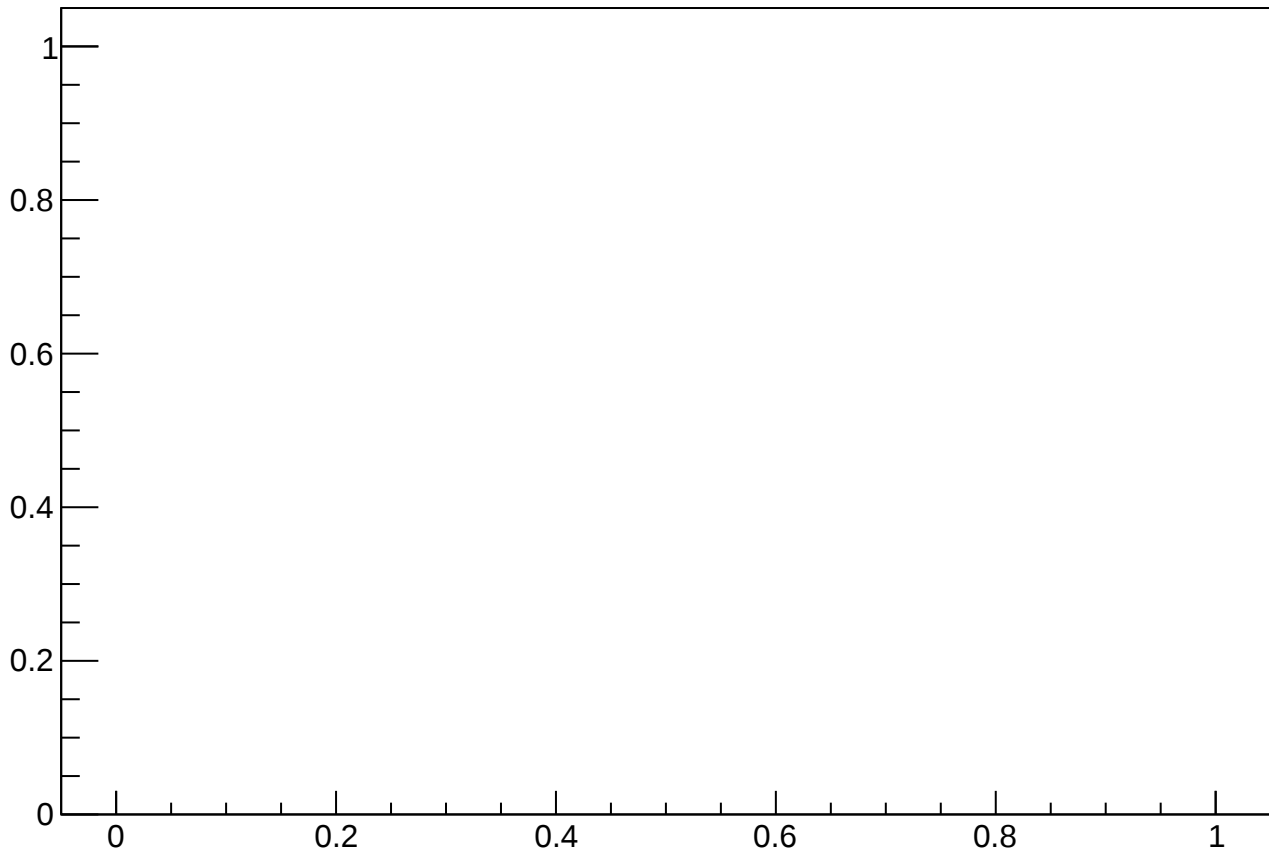
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 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

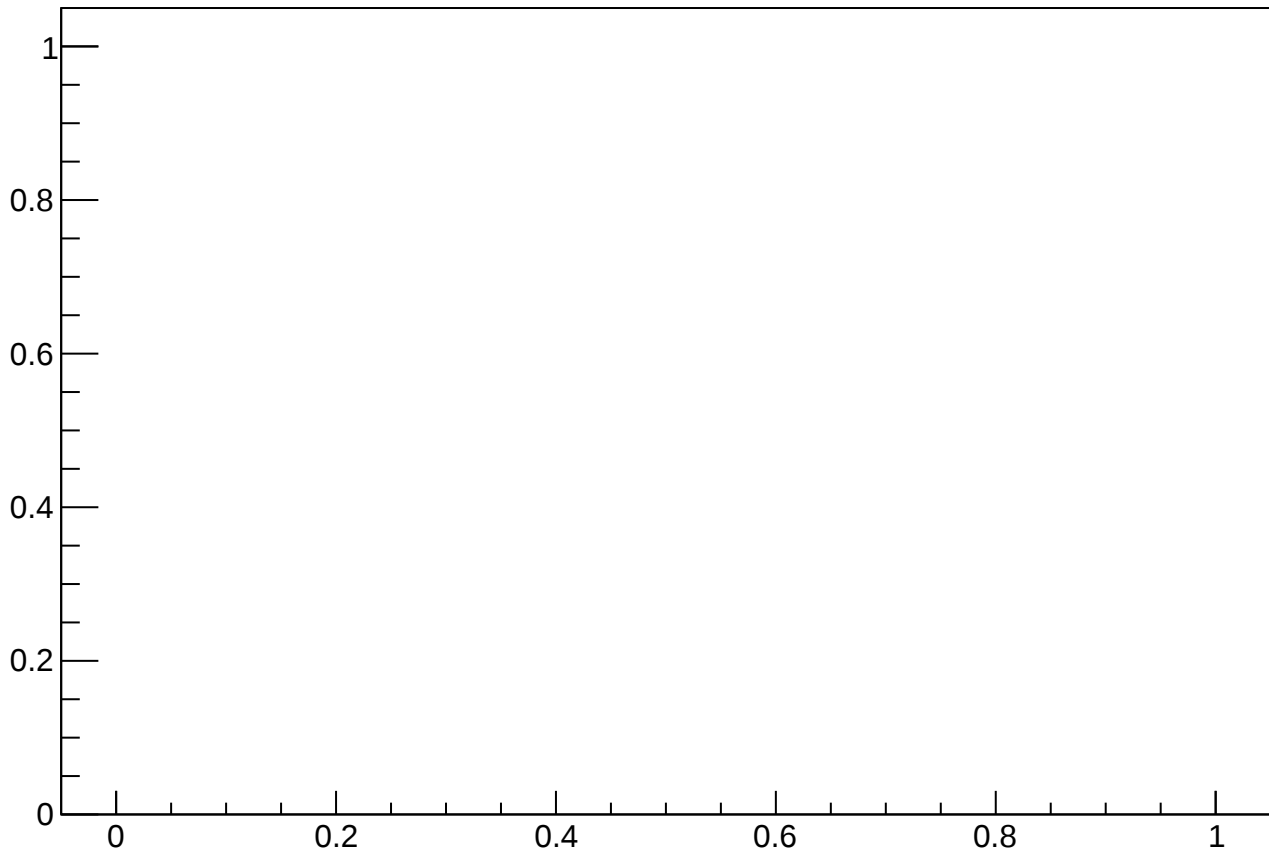
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

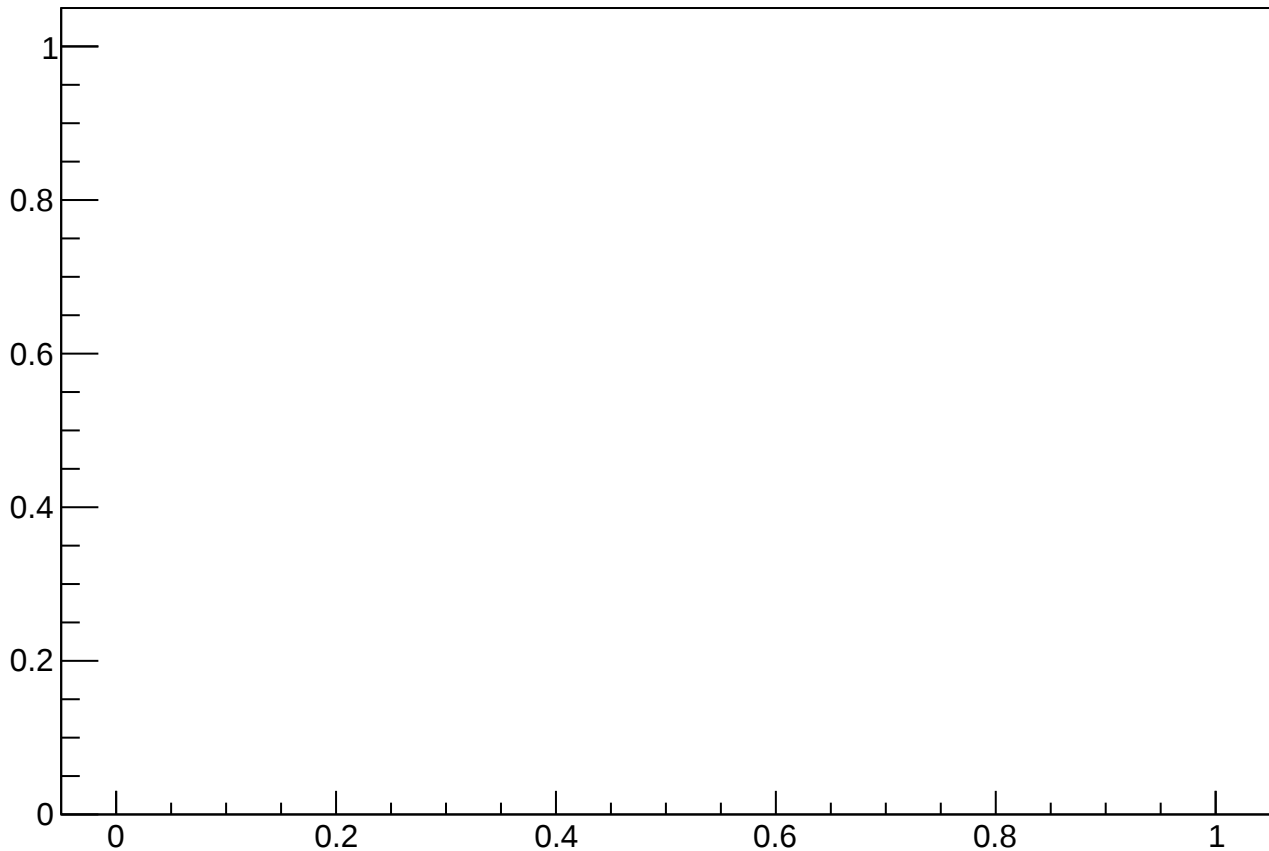
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

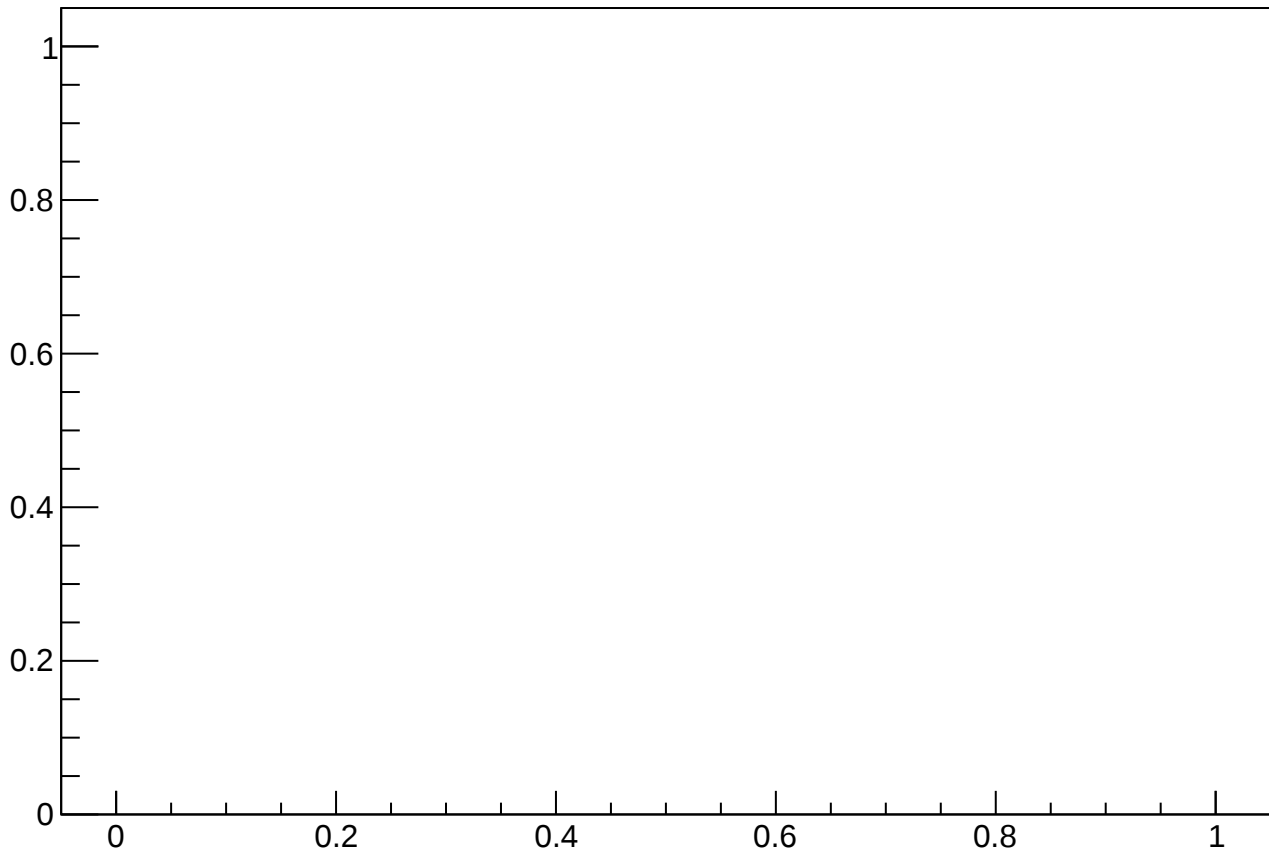
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

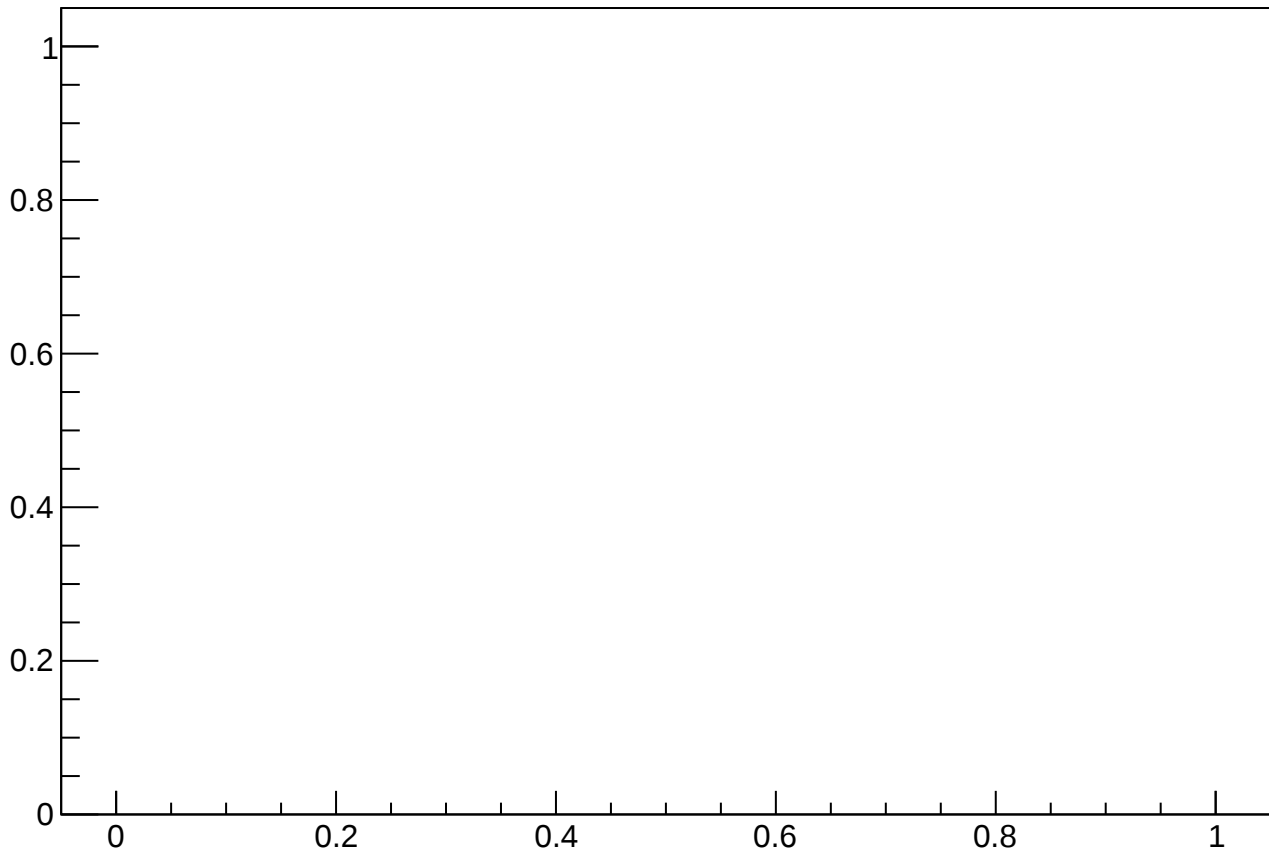
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

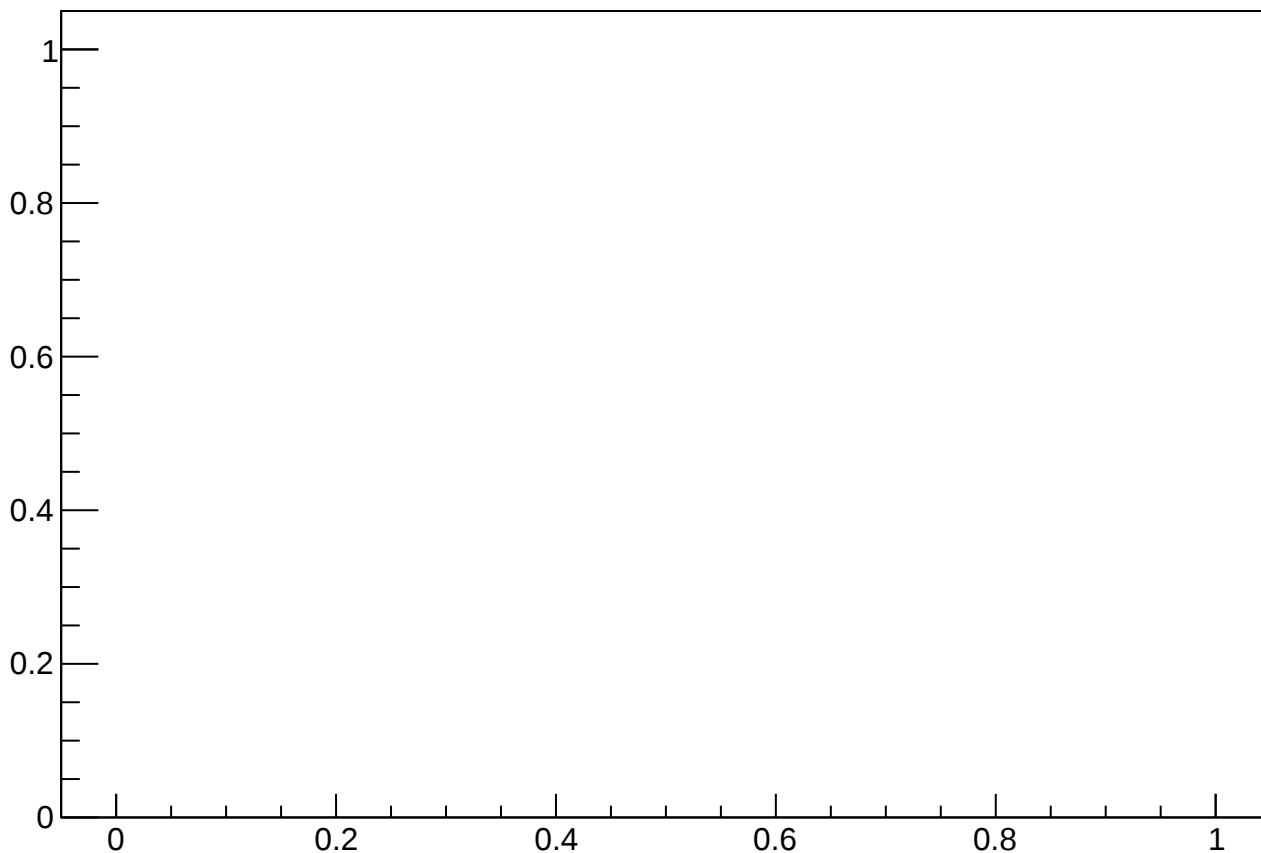
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

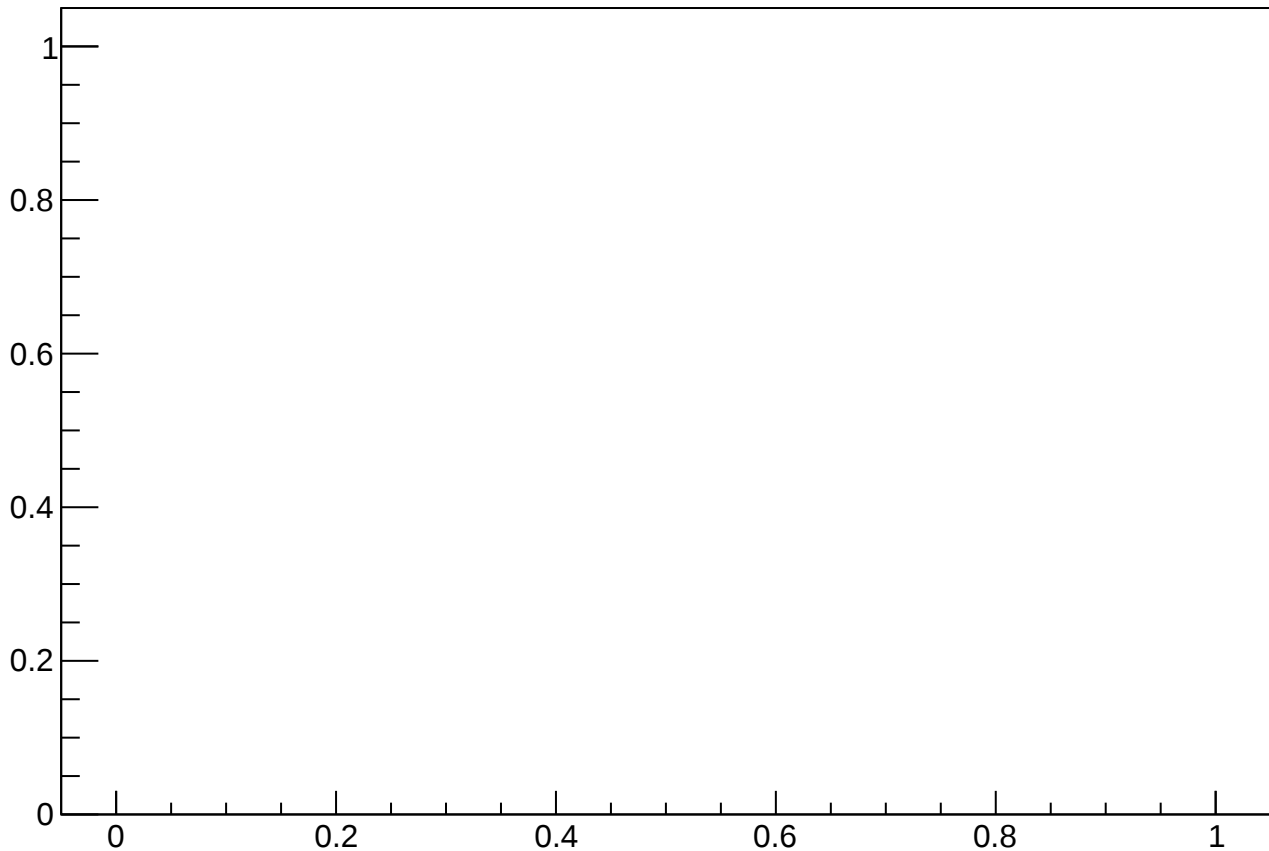
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

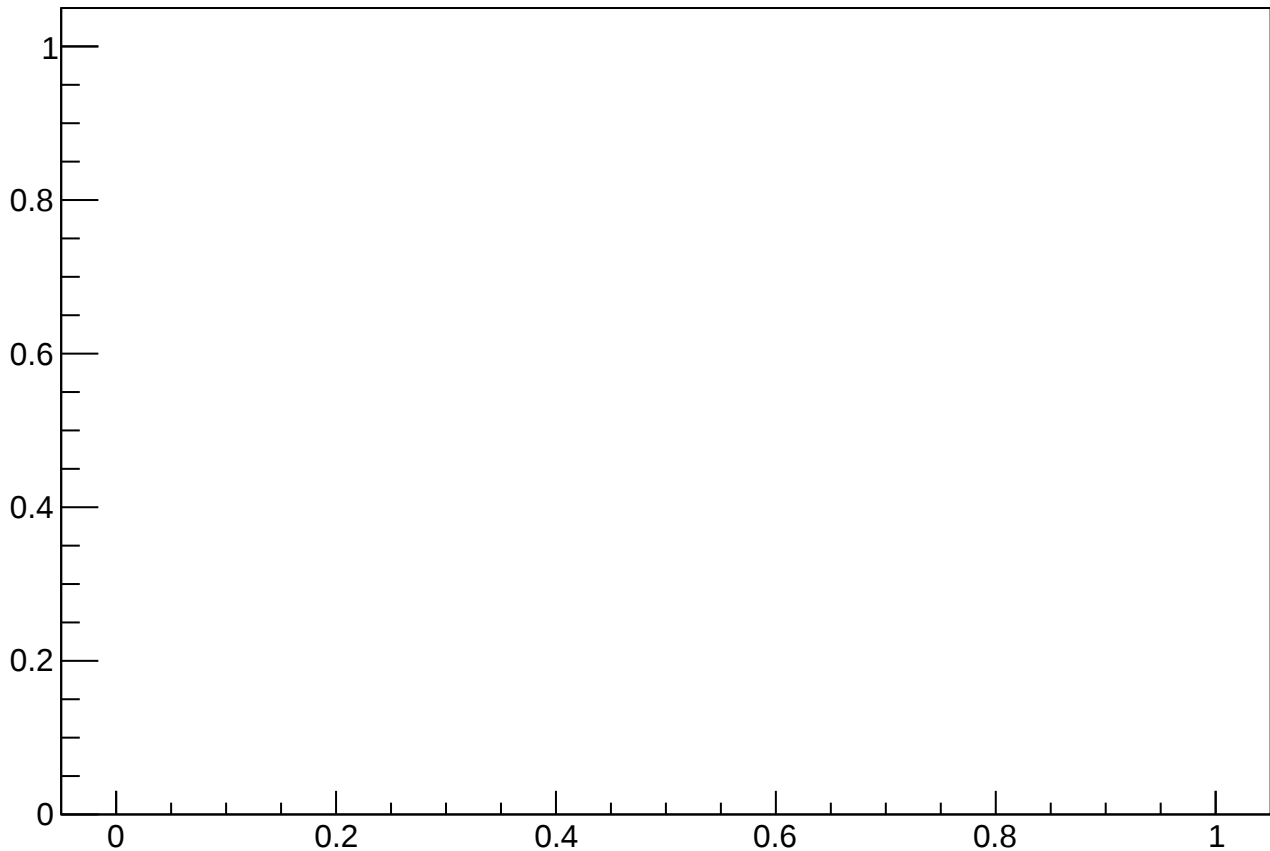
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

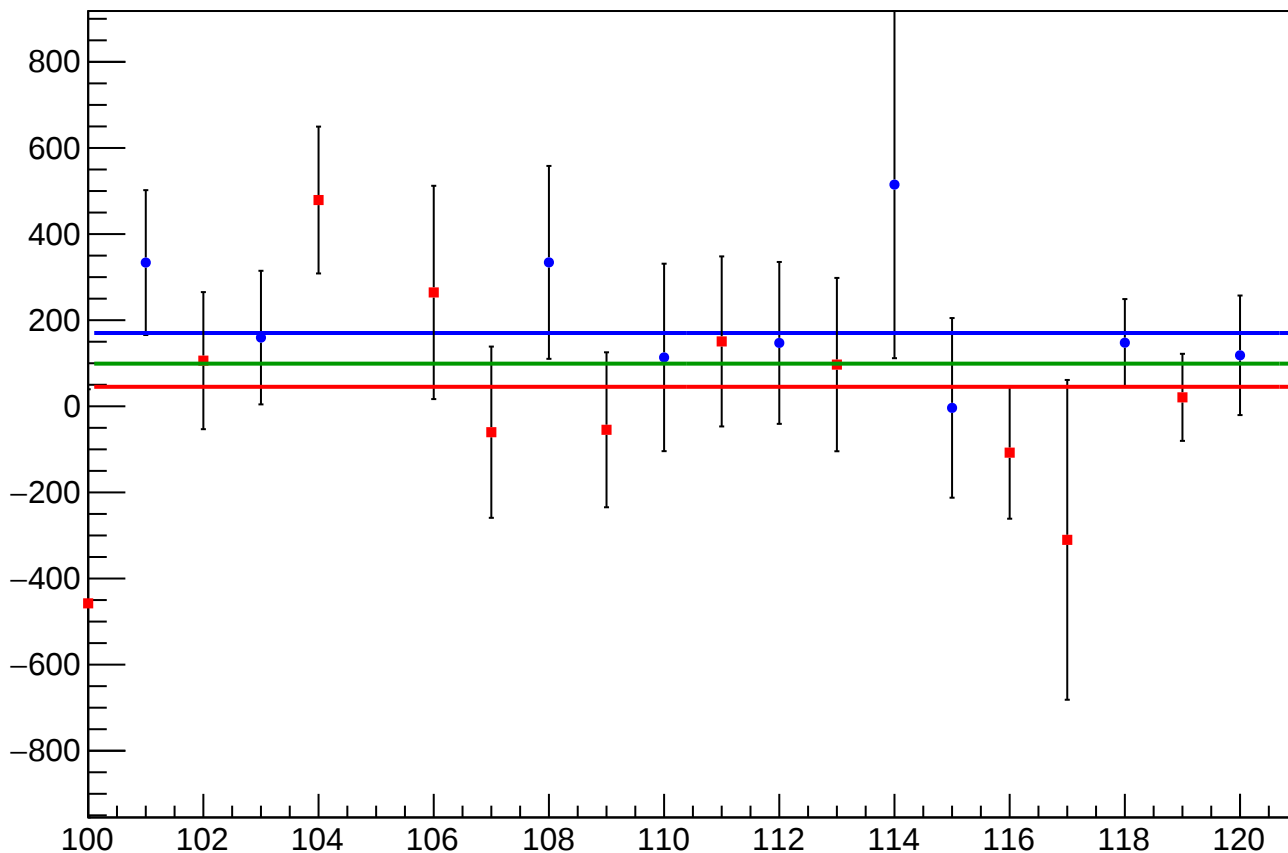
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_mean vs Slug, Sign Corrected



Right In: 170.253+/-55.511 χ^2/NDF : 3.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.291+/-48.262 χ^2/NDF : 11.7/11

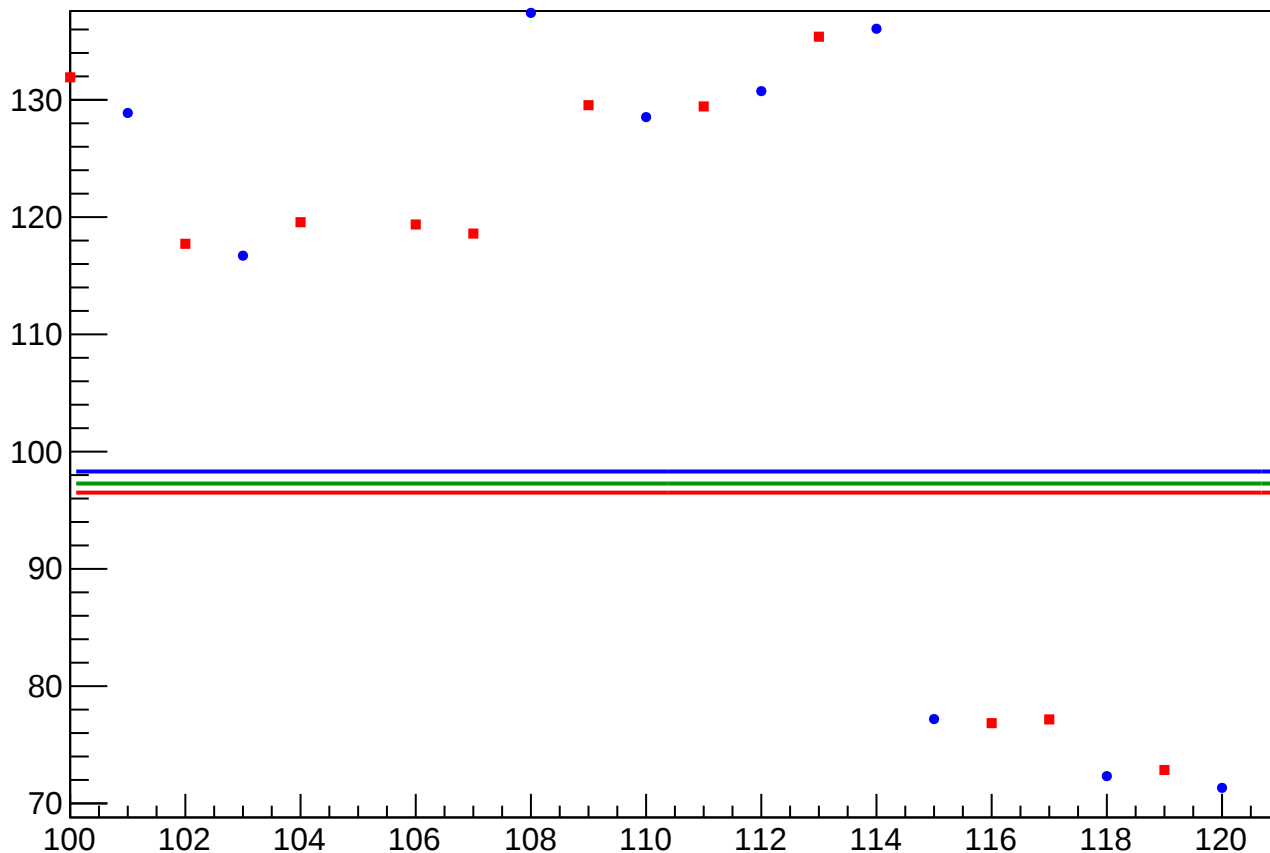
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

170.253+/-55.511 χ^2/NDF : 3.2/8

99.085+/-36.421 χ^2/NDF : 17.8/20

45.291+/-48.262 χ^2/NDF : 11.7/11

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 98.306 $\pm$ 0.039 χ^2 /NDF: 498156.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 96.504 $\pm$ 0.034 χ^2 /NDF: 593155.5/11

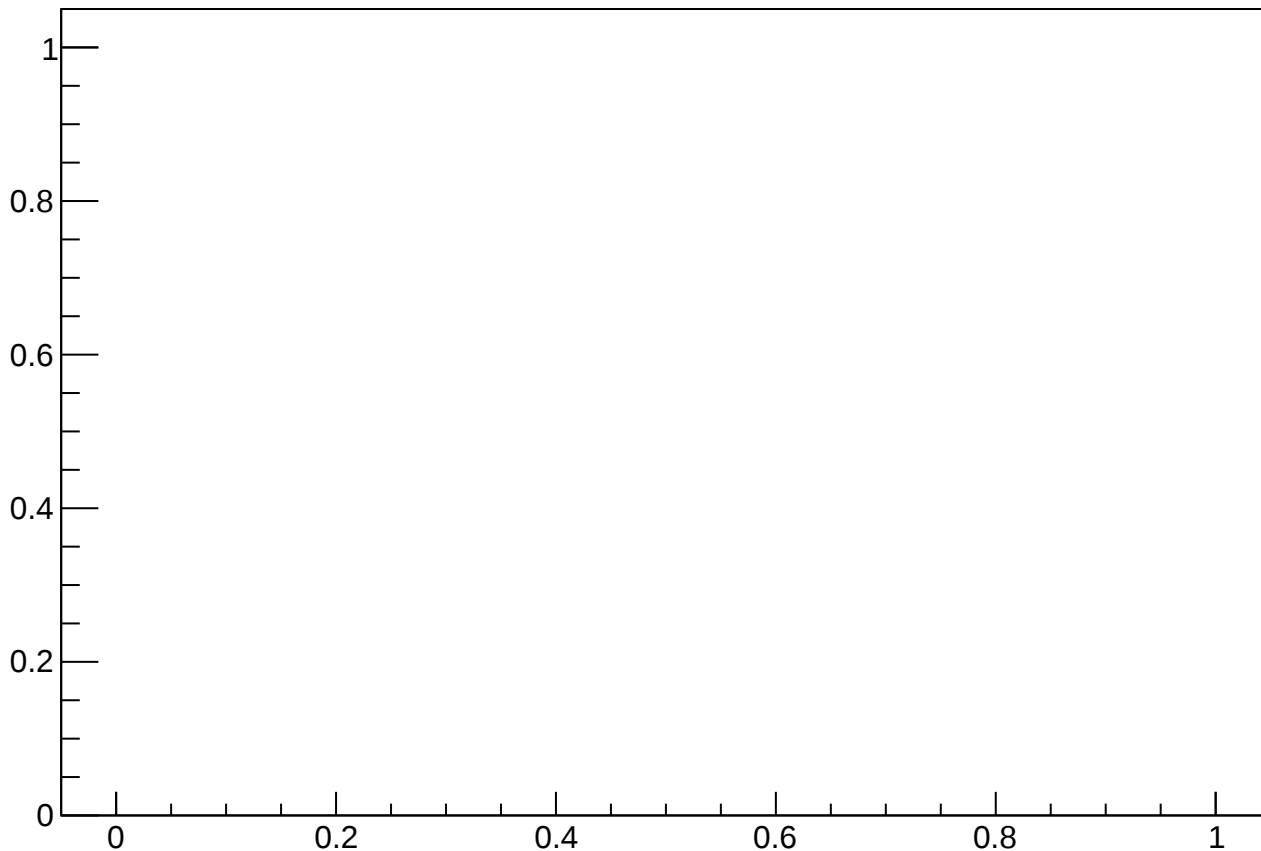
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

98.306 $\pm$ 0.039 χ^2 /NDF: 498156.6/8

97.280 $\pm$ 0.026 χ^2 /NDF: 1092513.2/20

96.504 $\pm$ 0.034 χ^2 /NDF: 593155.5/11

asym_sam1_correction_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

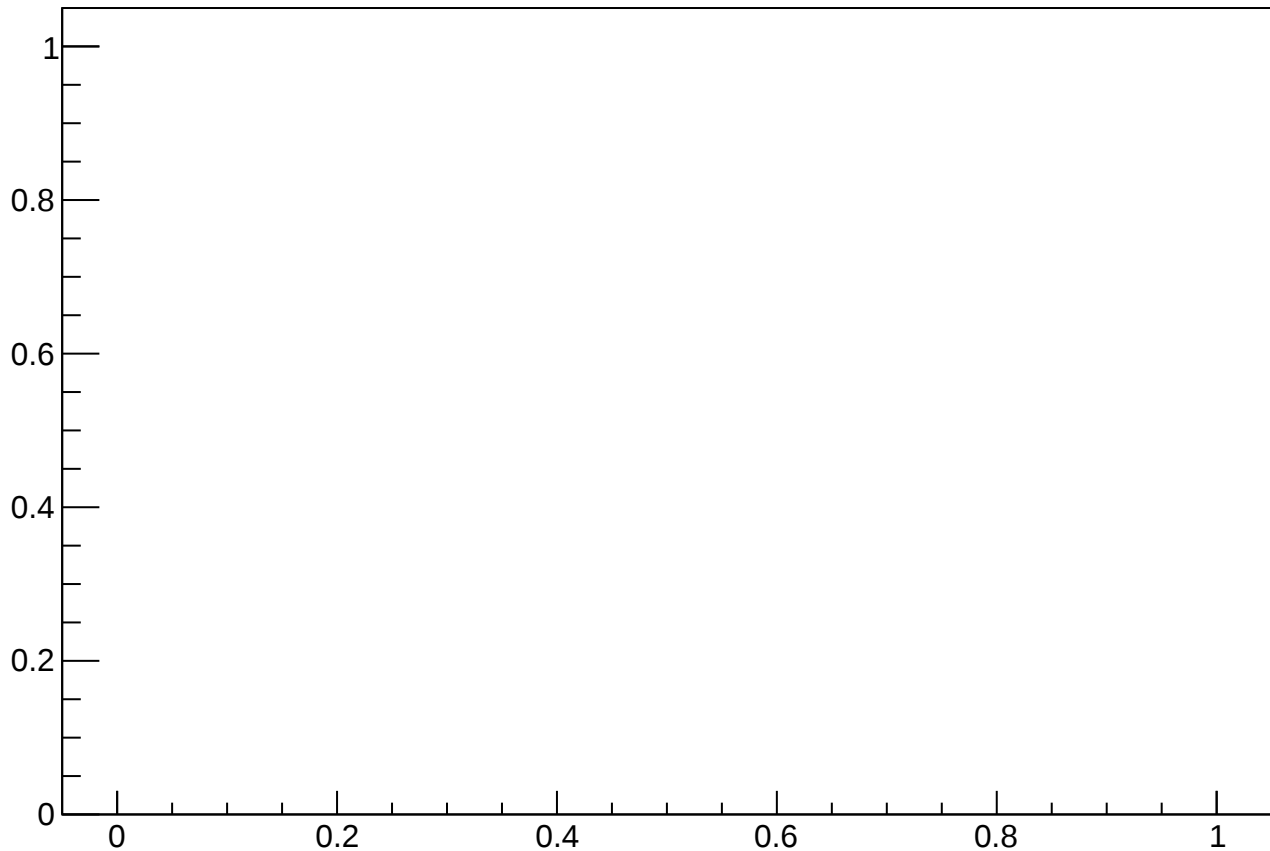
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_correction_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

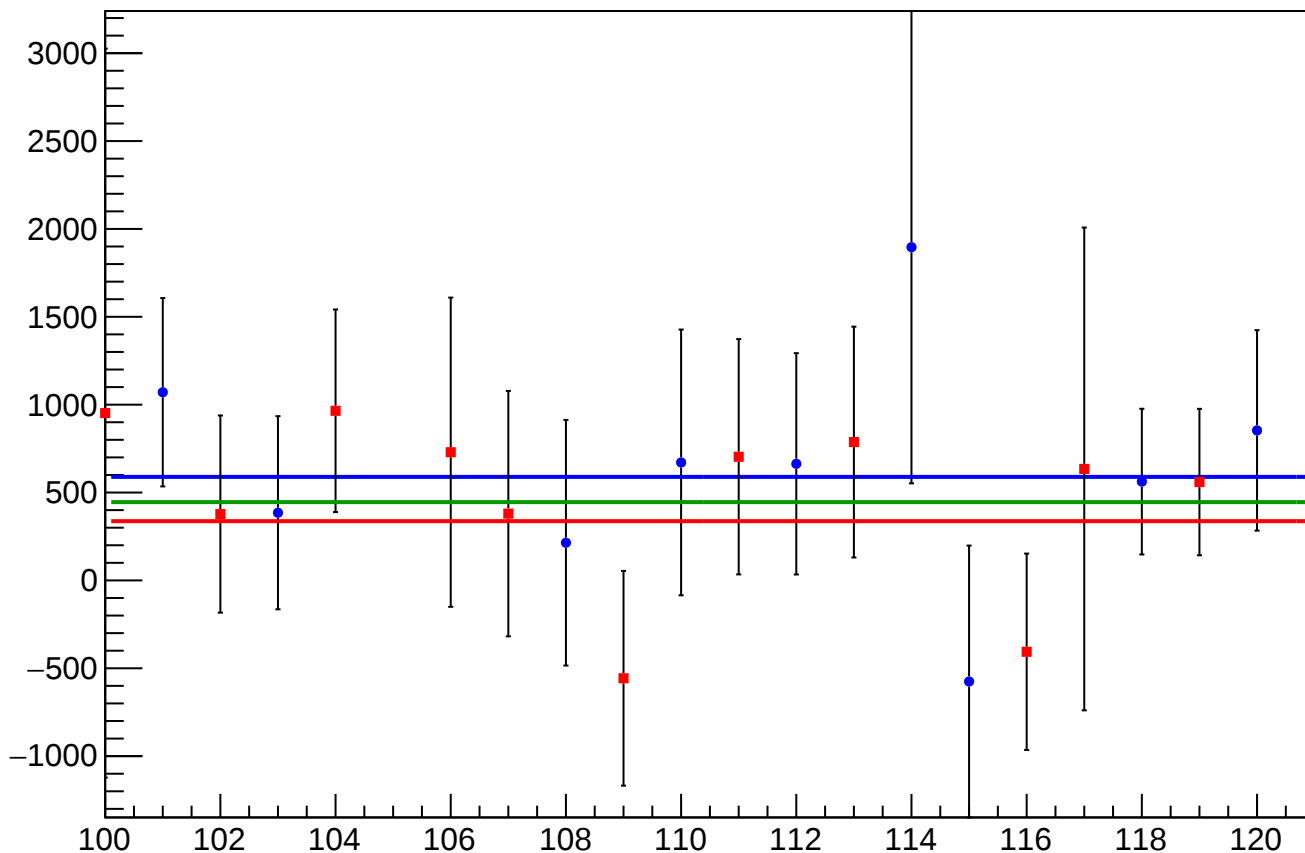
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 589.087+/-203.151 χ^2/NDF : 4.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 337.180+/-176.449 χ^2/NDF : 6.8/11

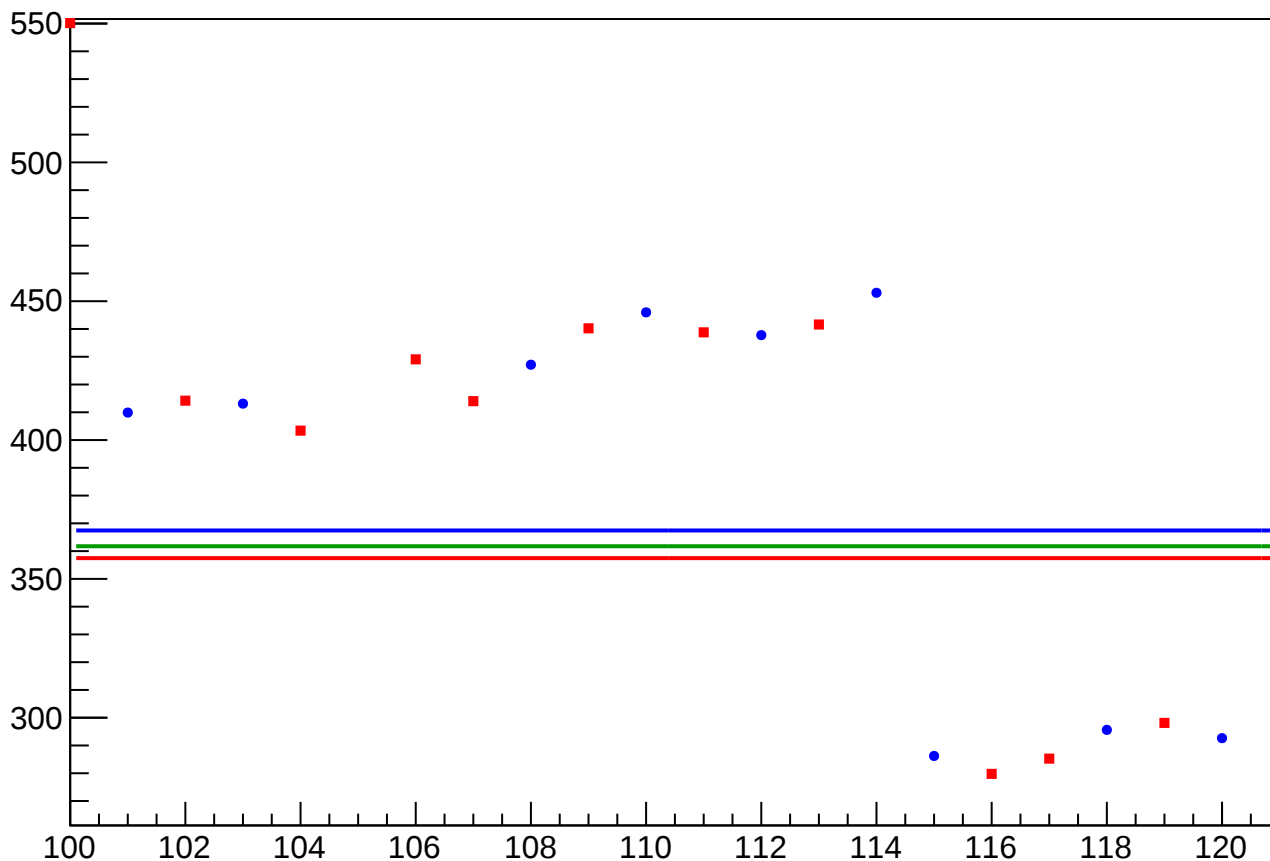
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

589.087+/-203.151 χ^2/NDF : 4.7/8

445.501+/-133.216 χ^2/NDF : 12.4/20

337.180+/-176.449 χ^2/NDF : 6.8/11

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 367.436+/-0.144 χ^2/NDF : 212087.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 357.471+/-0.125 χ^2/NDF : 364332.8/11

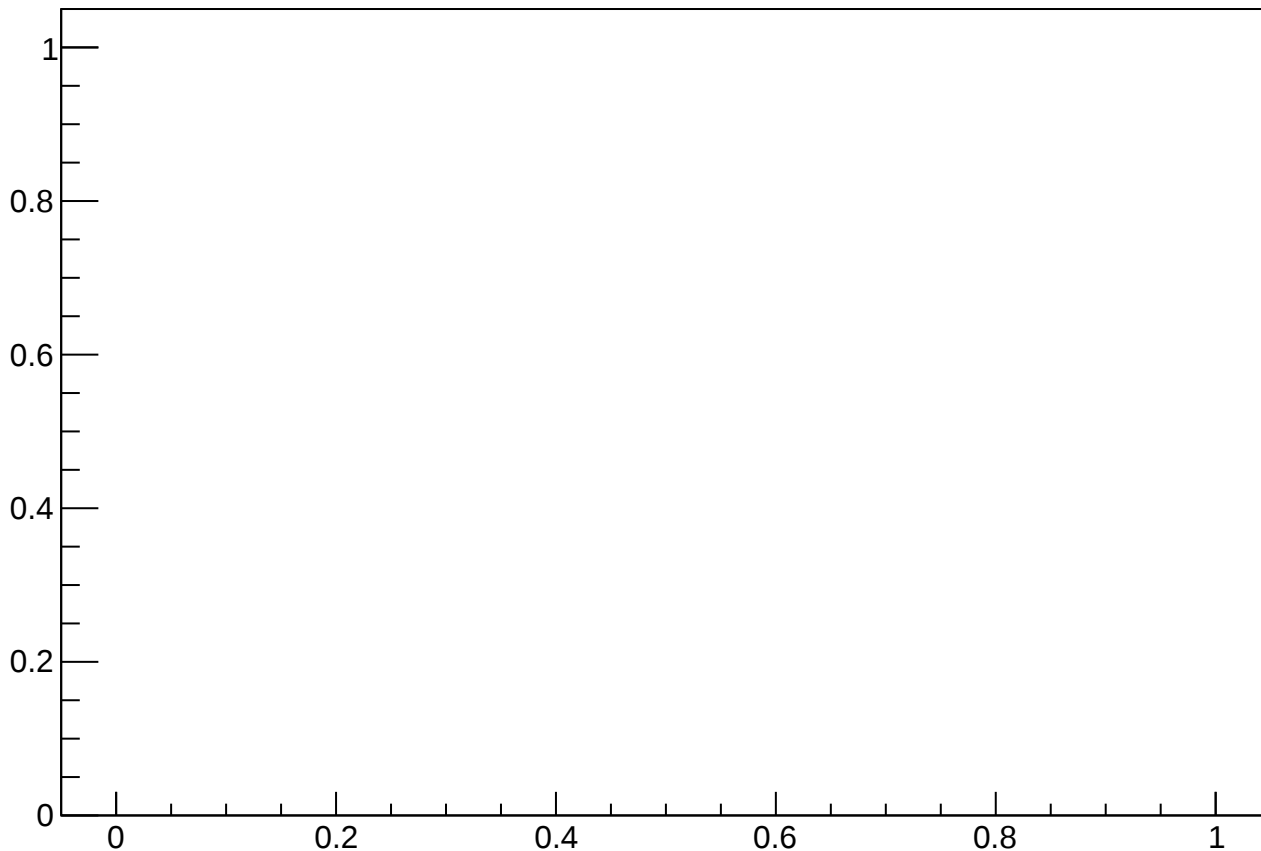
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

367.436+/-0.144 χ^2/NDF : 212087.4/8

361.756+/-0.094 χ^2/NDF : 579162.8/20

357.471+/-0.125 χ^2/NDF : 364332.8/11

asym_sam2_correction_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

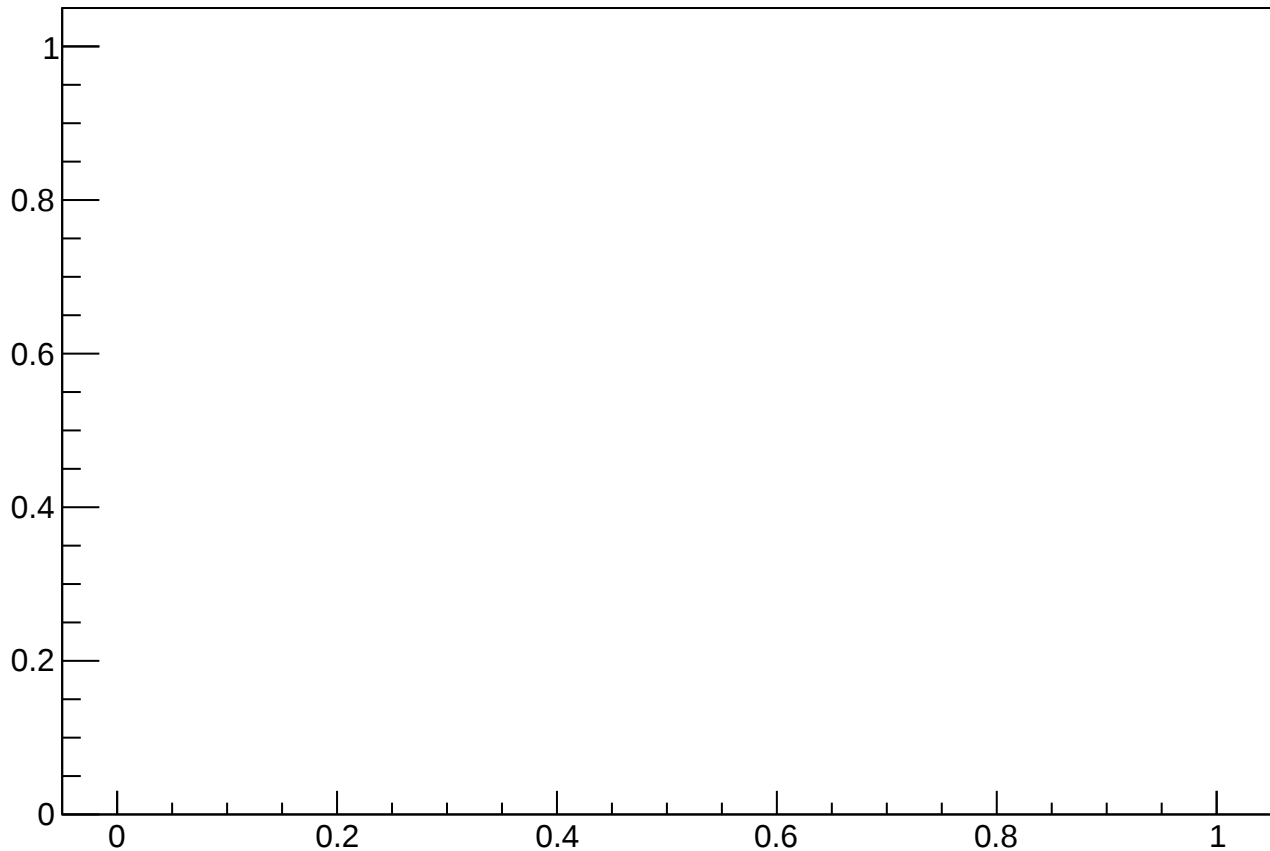
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_correction_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

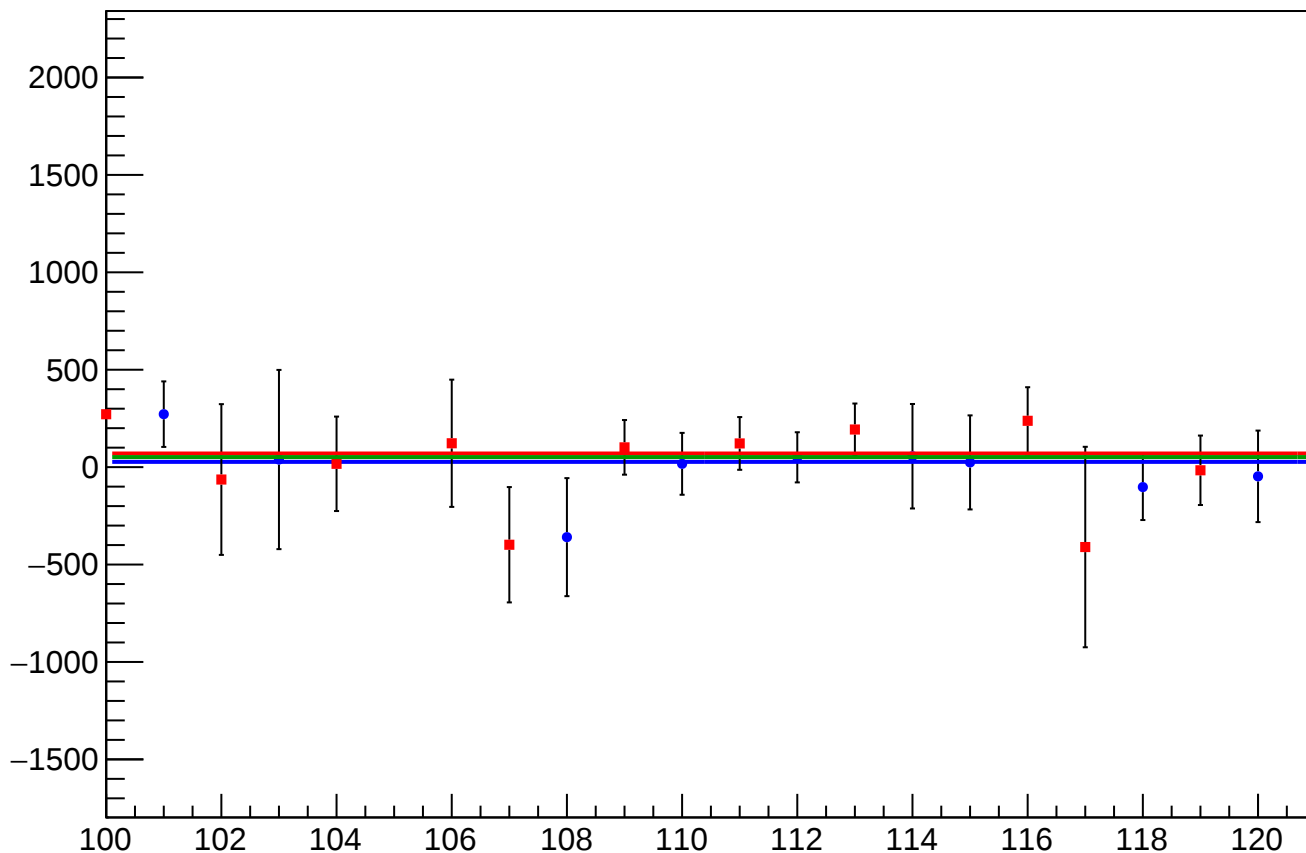
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 27.057+/-65.218 χ^2/NDF : 4.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.969+/-56.637 χ^2/NDF : 6.8/11

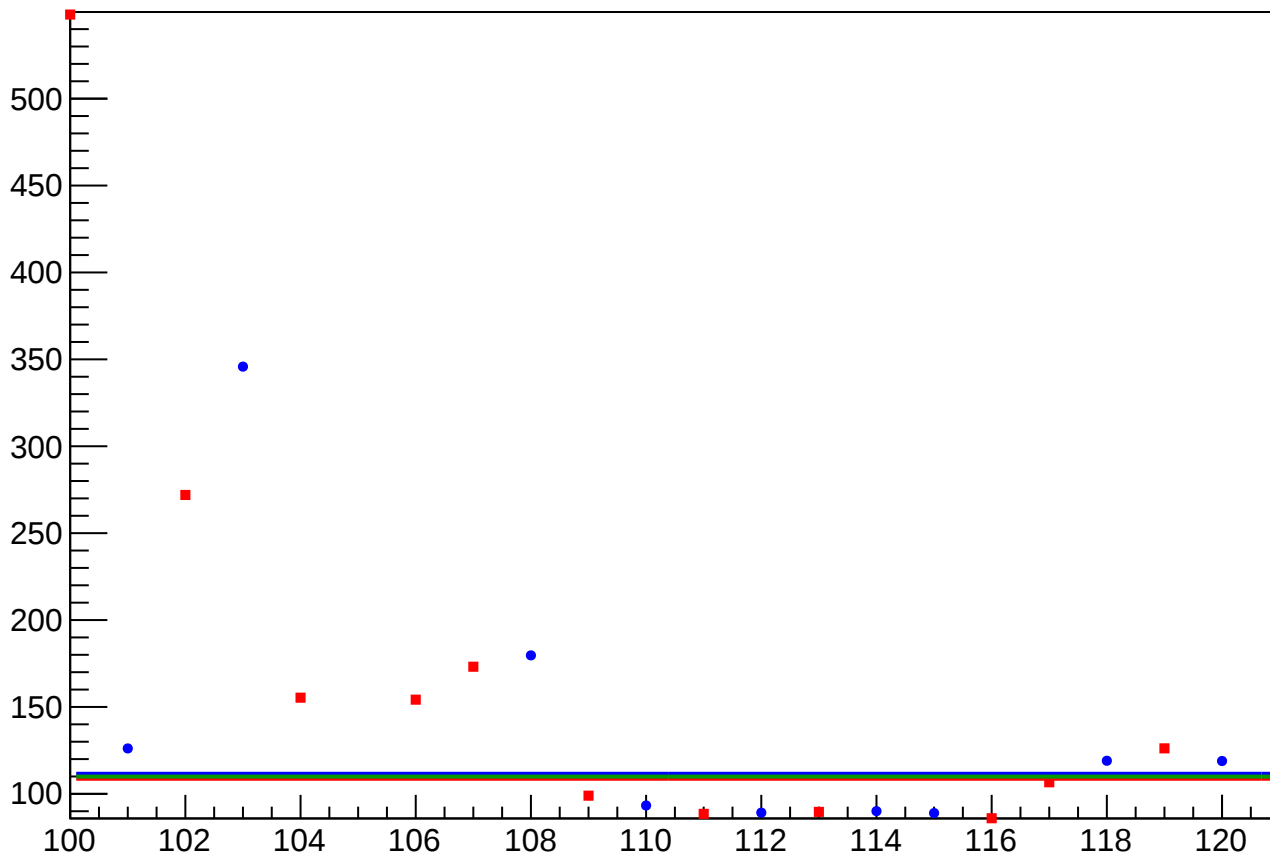
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27.057+/-65.218 χ^2/NDF : 4.5/8

51.520+/-42.763 χ^2/NDF : 11.5/20

69.969+/-56.637 χ^2/NDF : 6.8/11

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 111.552 $\pm$ 0.046 χ^2 /NDF: 758036.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 108.694 $\pm$ 0.040 χ^2 /NDF: 806894.3/11

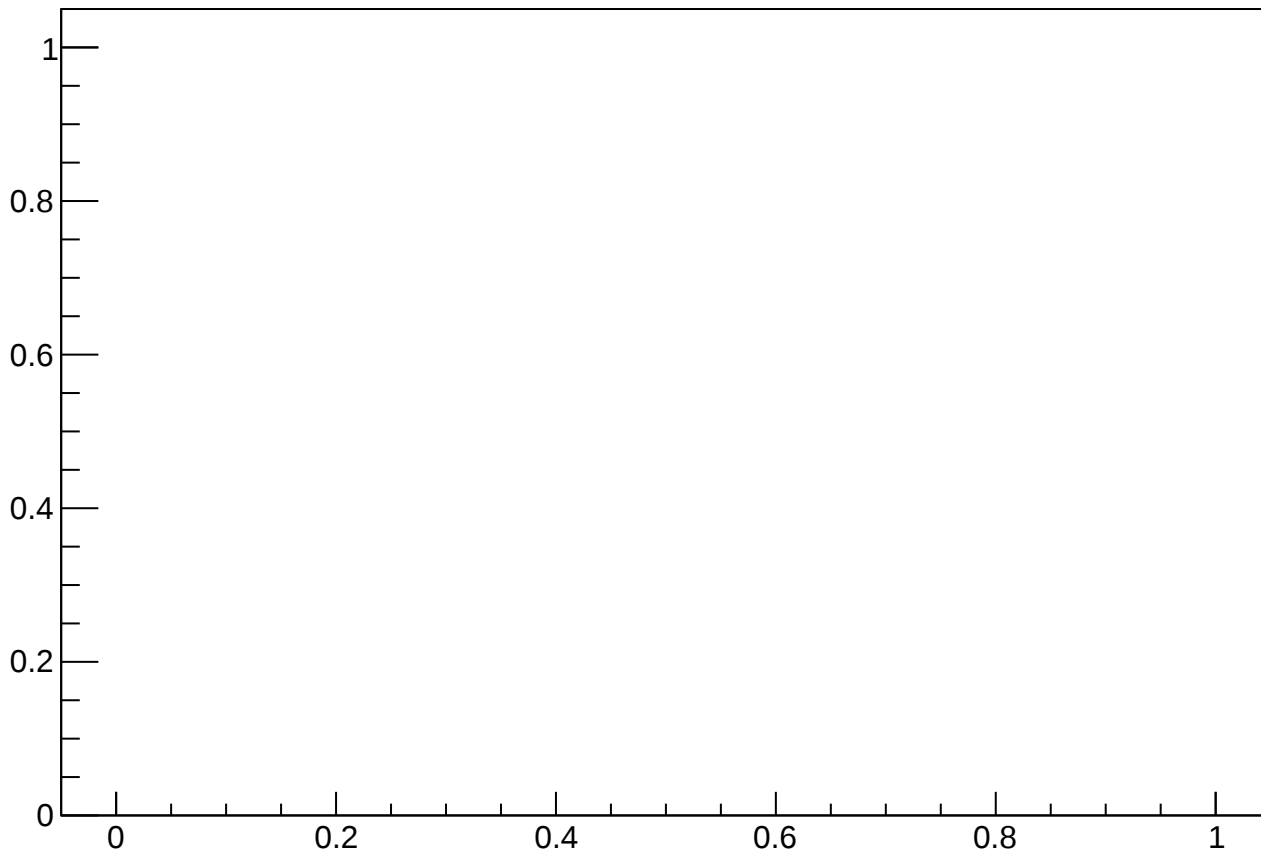
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

111.552 $\pm$ 0.046 χ^2 /NDF: 758036.3/8

109.923 $\pm$ 0.030 χ^2 /NDF: 1567119.6/20

108.694 $\pm$ 0.040 χ^2 /NDF: 806894.3/11

asym_sam3_correction_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

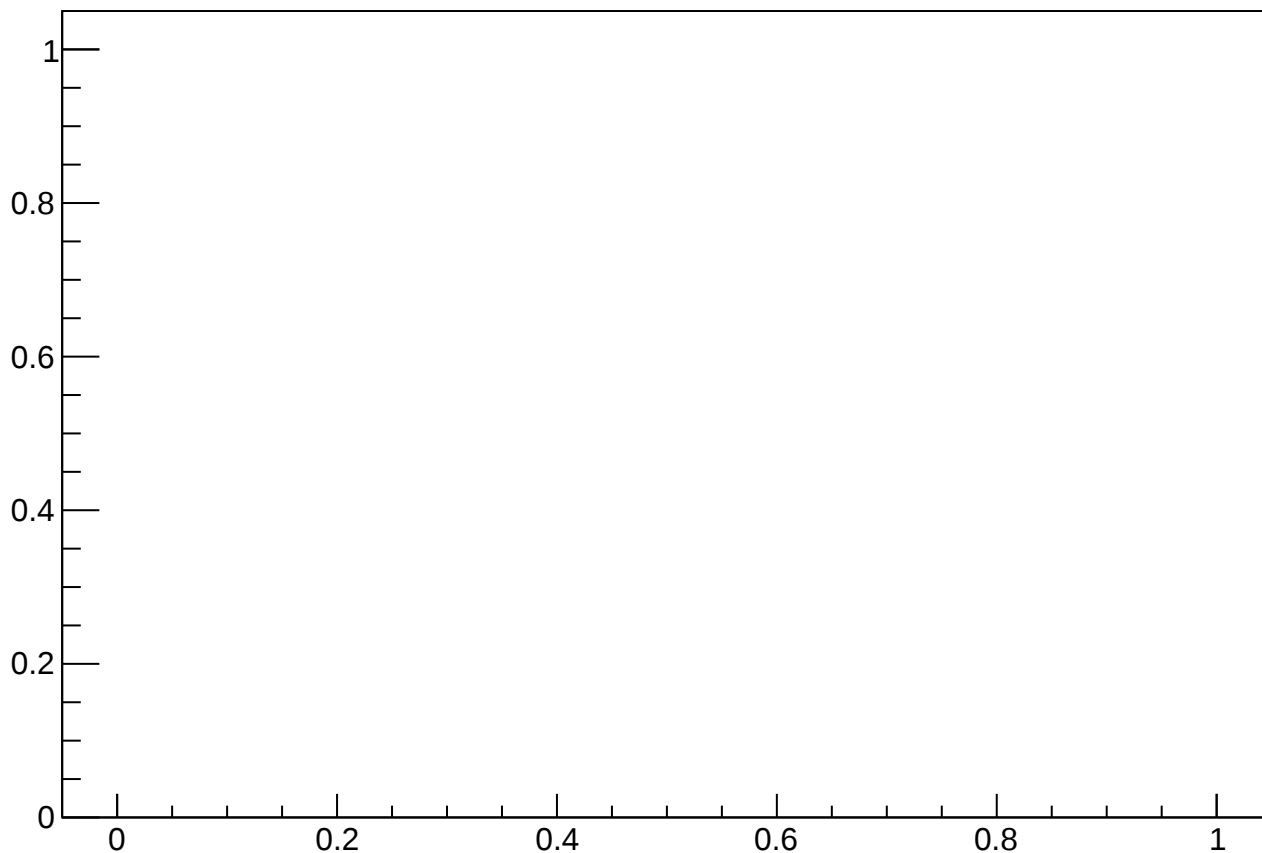
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_correction_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

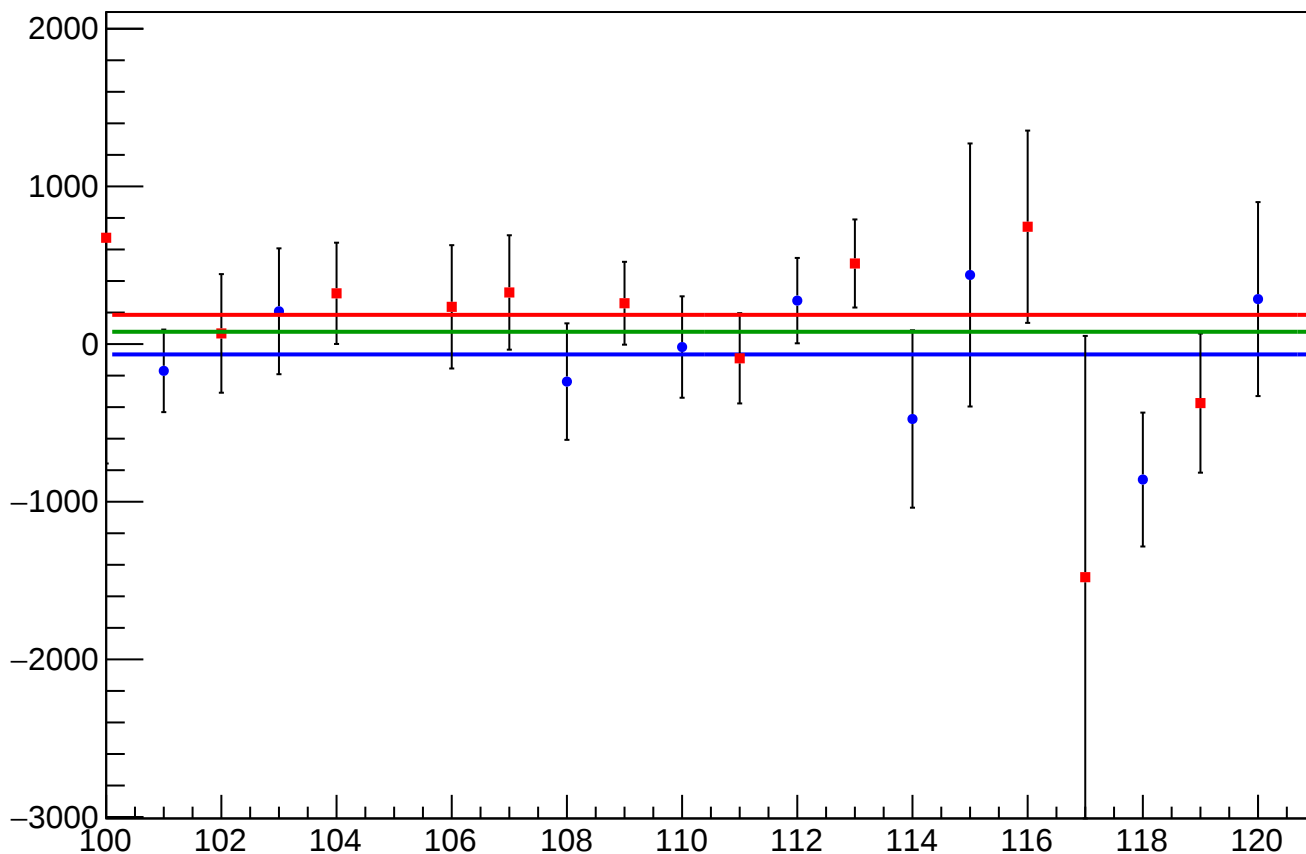
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: -65.647+/-124.729 χ^2/NDF : 7.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 185.368+/-107.819 χ^2/NDF : 7.1/11

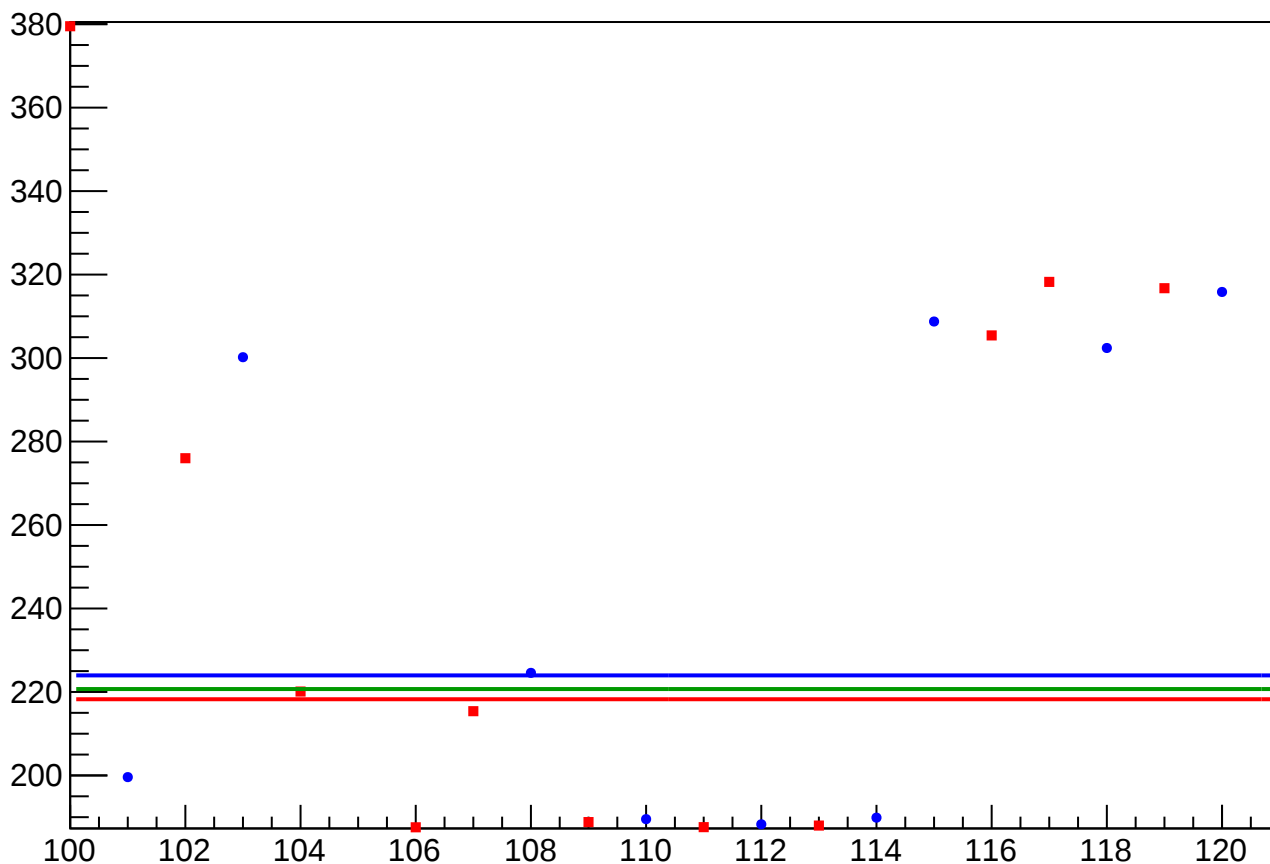
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-65.647+/-124.729 χ^2/NDF : 7.2/8

78.017+/-81.568 χ^2/NDF : 16.6/20

185.368+/-107.819 χ^2/NDF : 7.1/11

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 223.969+/-0.088 χ^2/NDF : 288784.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 218.256+/-0.076 χ^2/NDF : 309822.0/11

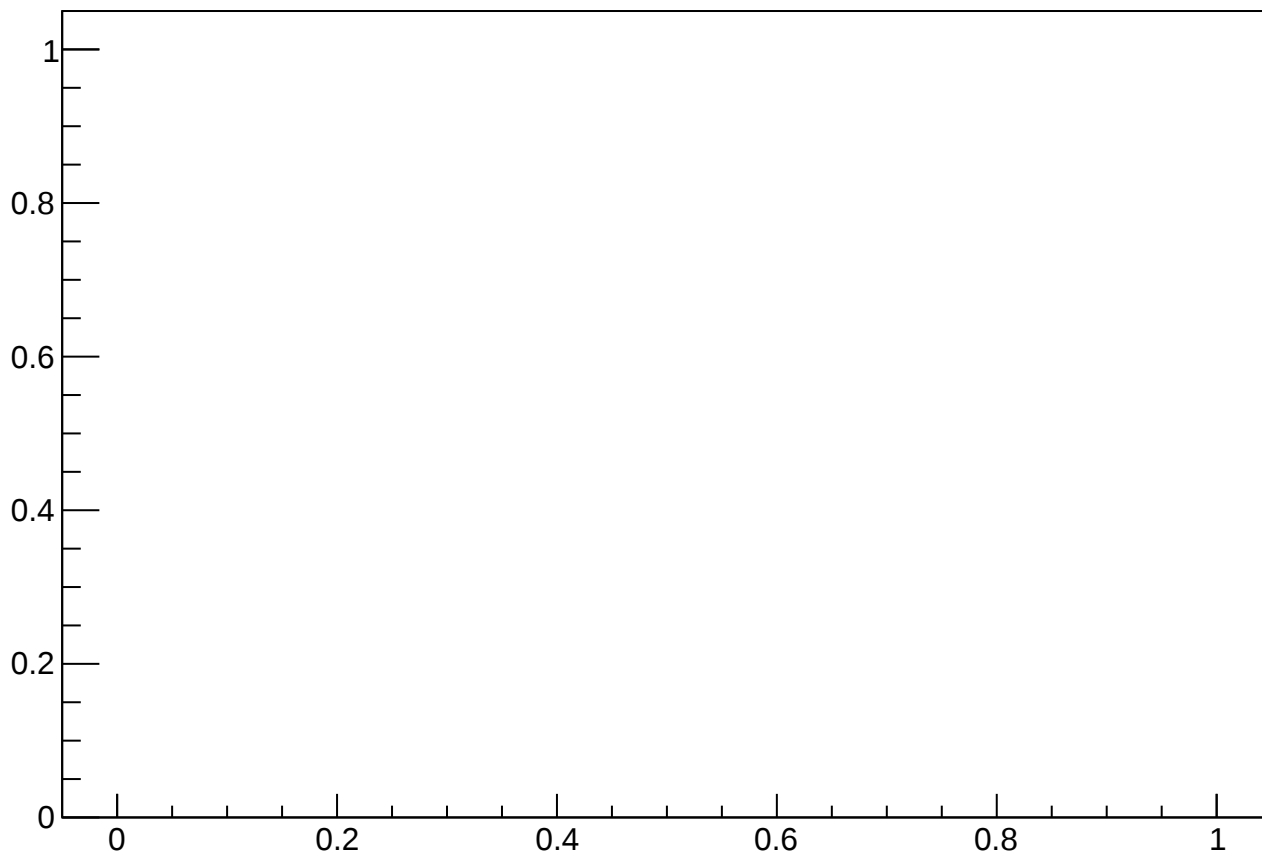
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

223.969+/-0.088 χ^2/NDF : 288784.0/8

220.699+/-0.058 χ^2/NDF : 601006.6/20

218.256+/-0.076 χ^2/NDF : 309822.0/11

asym_sam4_correction_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

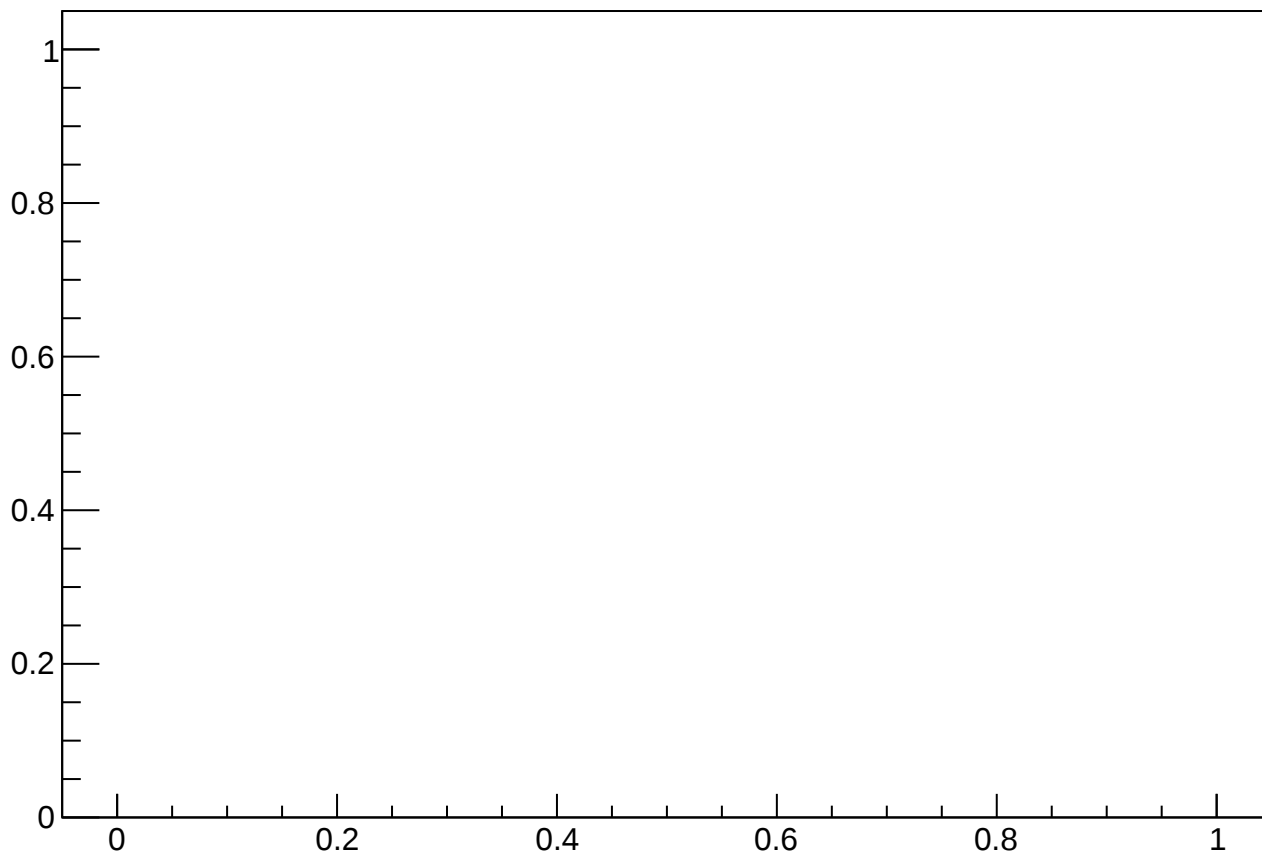
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam4_correction_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

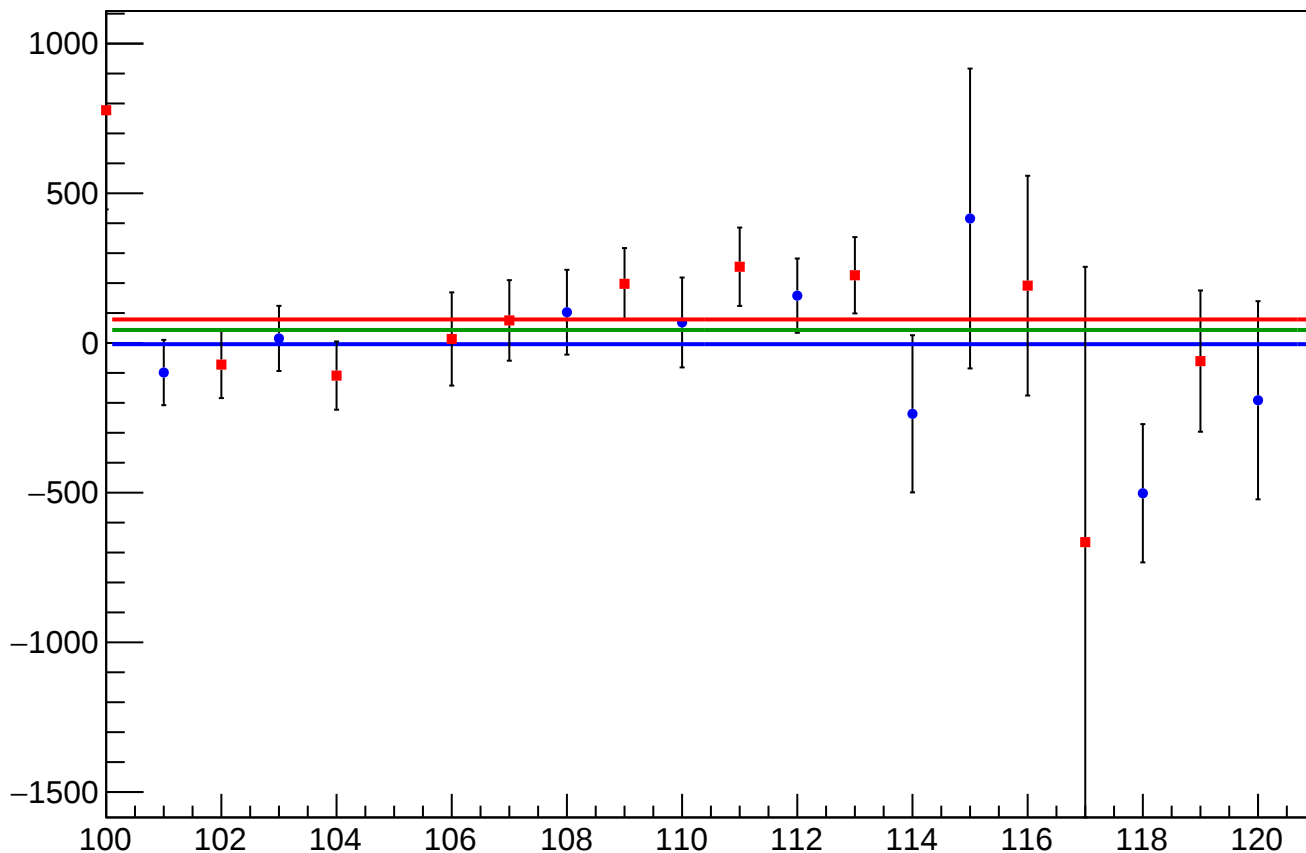
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: -4.005+/-51.705 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.623+/-44.491 χ^2/NDF : 14.6/11

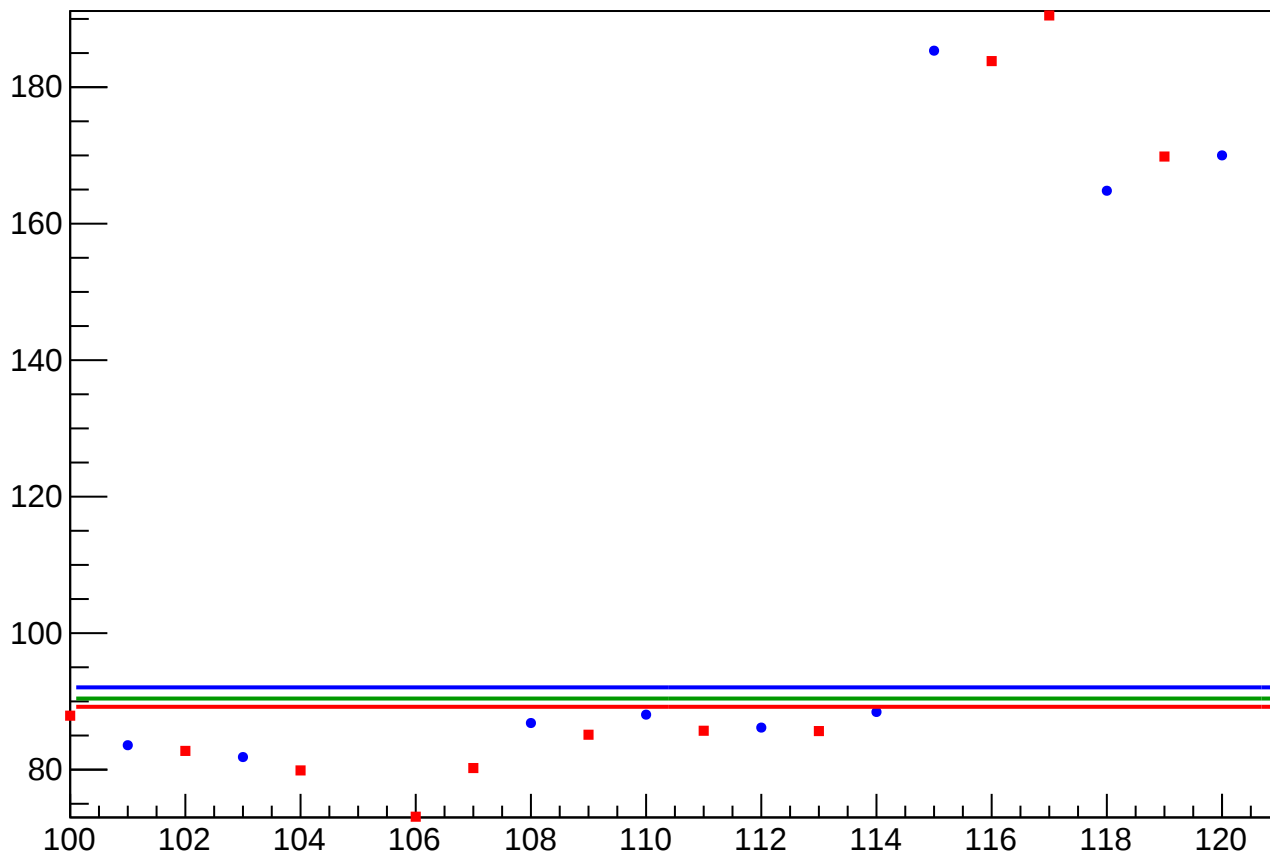
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.005+/-51.705 χ^2/NDF : 9.7/8

43.471+/-33.725 χ^2/NDF : 25.8/20

78.623+/-44.491 χ^2/NDF : 14.6/11

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 92.056+/-0.037 χ^2/NDF : 417594.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.209+/-0.031 χ^2/NDF : 501695.4/11

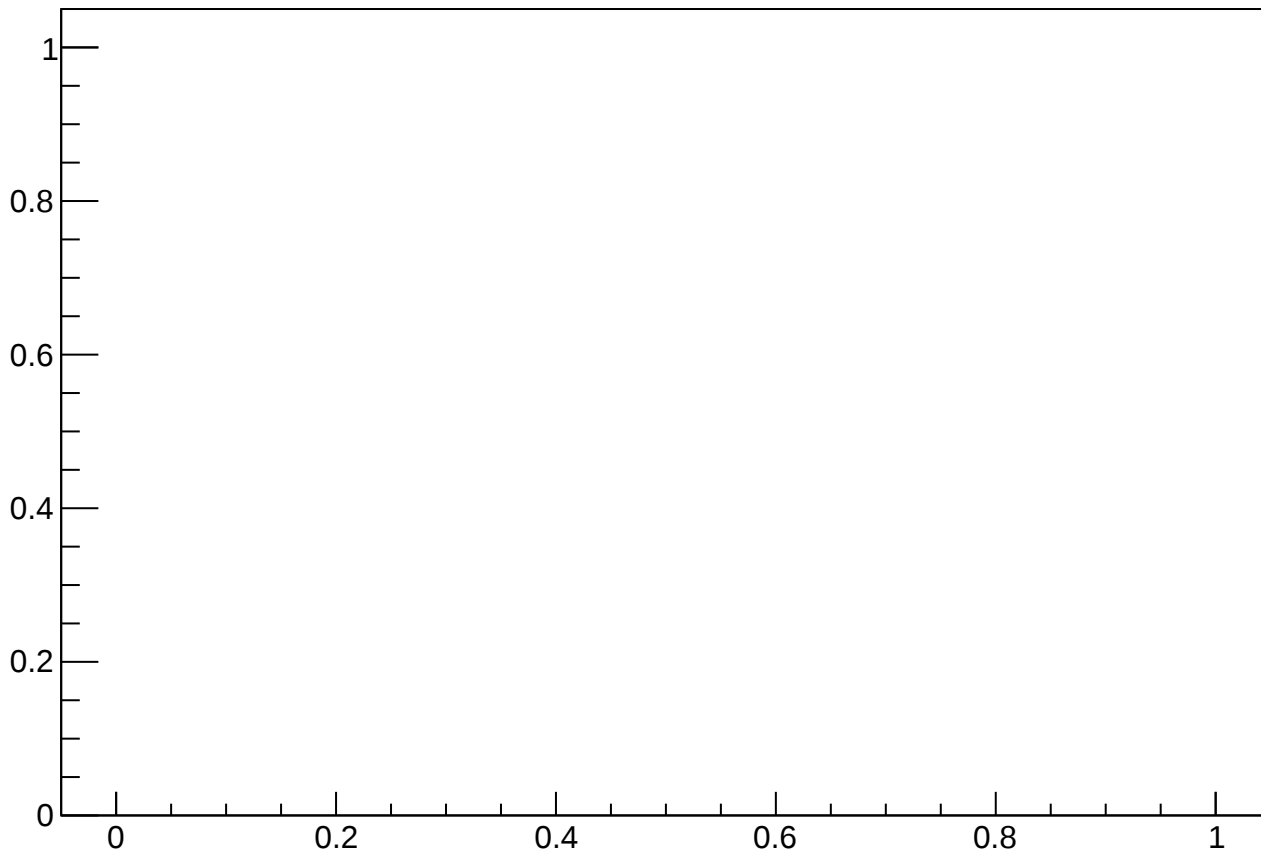
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

92.056+/-0.037 χ^2/NDF : 417594.6/8

90.420+/-0.024 χ^2/NDF : 922775.1/20

89.209+/-0.031 χ^2/NDF : 501695.4/11

asym_sam5_correction_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

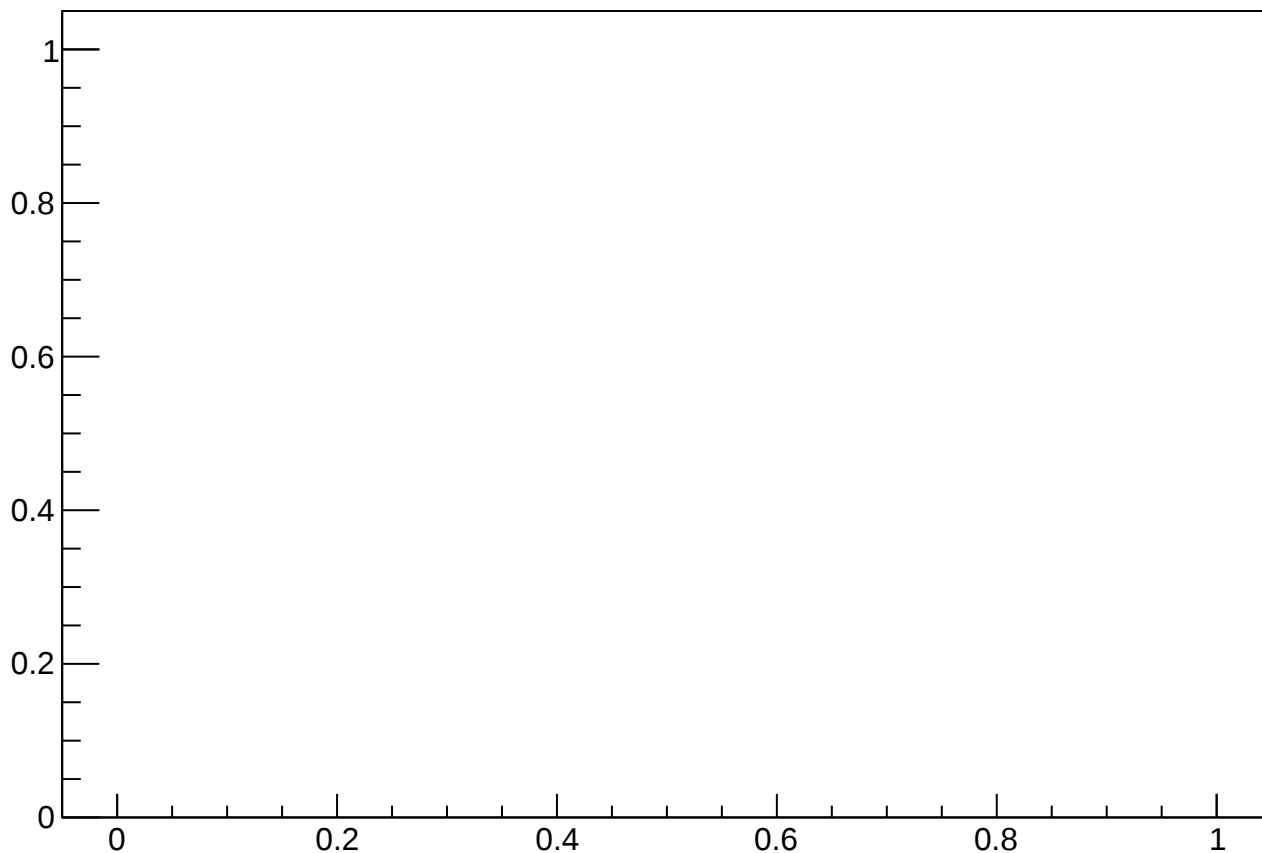
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam5_correction_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

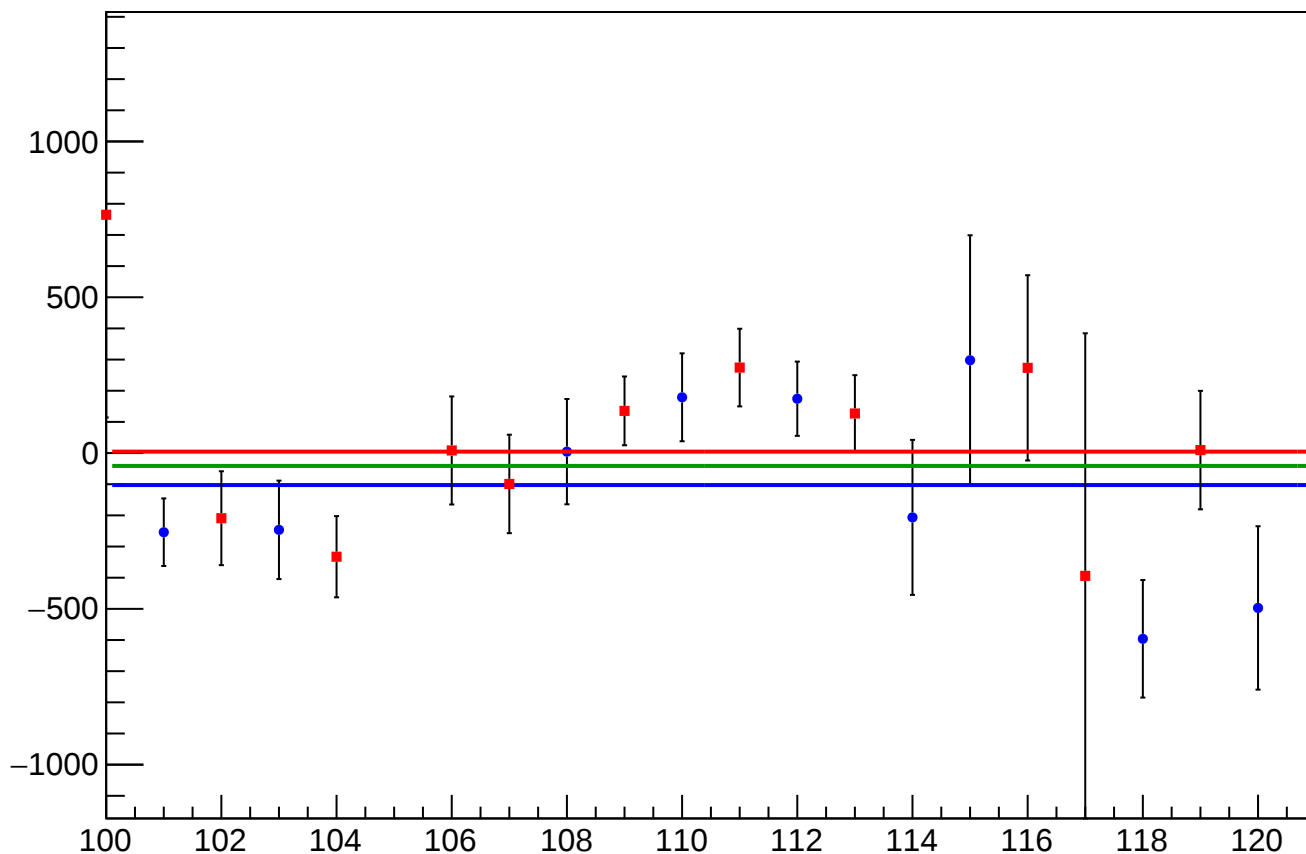
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam6_mean vs Slug, Sign Corrected



Right In: -102.704+/-53.773 χ^2/NDF : 22.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.580+/-46.478 χ^2/NDF : 20.4/11

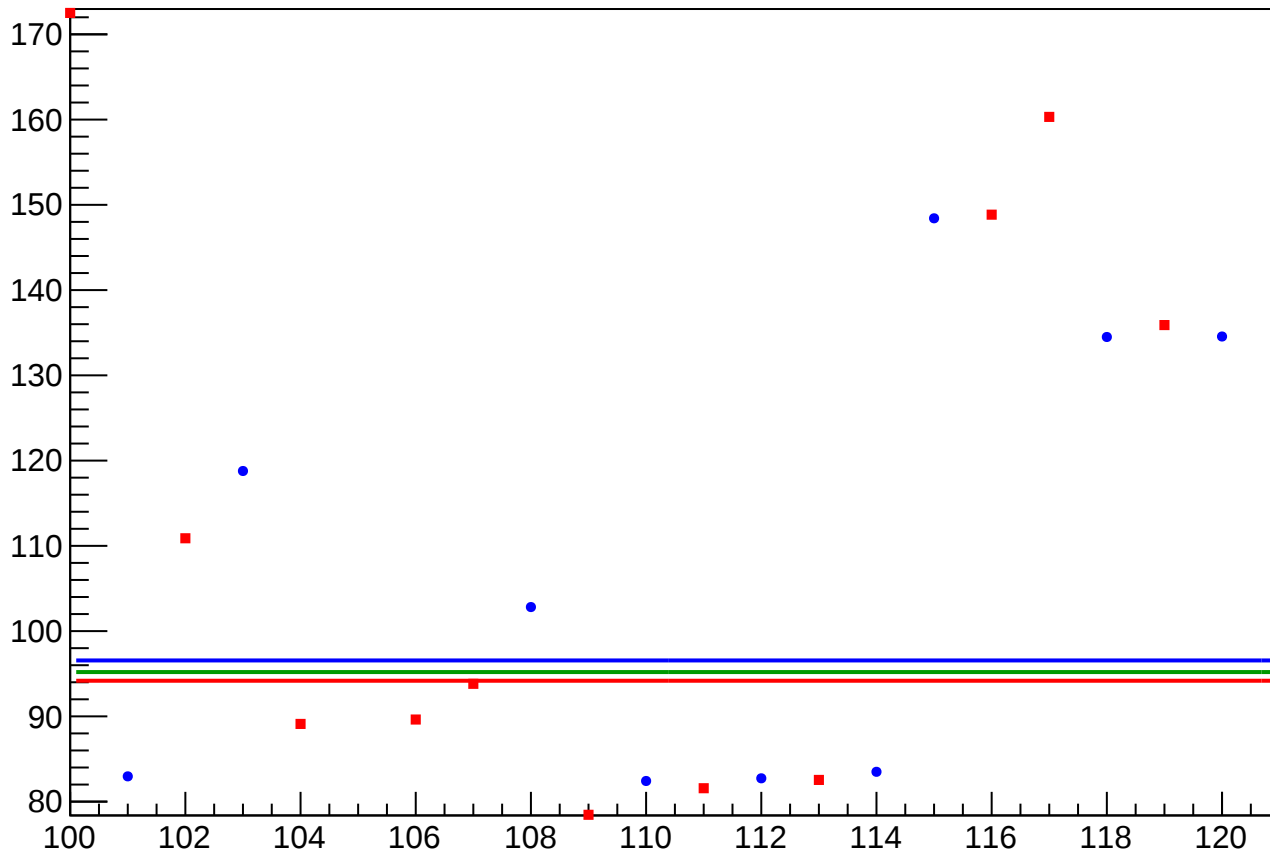
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-102.704+/-53.773 χ^2/NDF : 22.8/8

-41.296+/-35.163 χ^2/NDF : 45.5/20

4.580+/-46.478 χ^2/NDF : 20.4/11

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 96.559+/-0.038 χ^2/NDF : 282619.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.178+/-0.033 χ^2/NDF : 333666.2/11

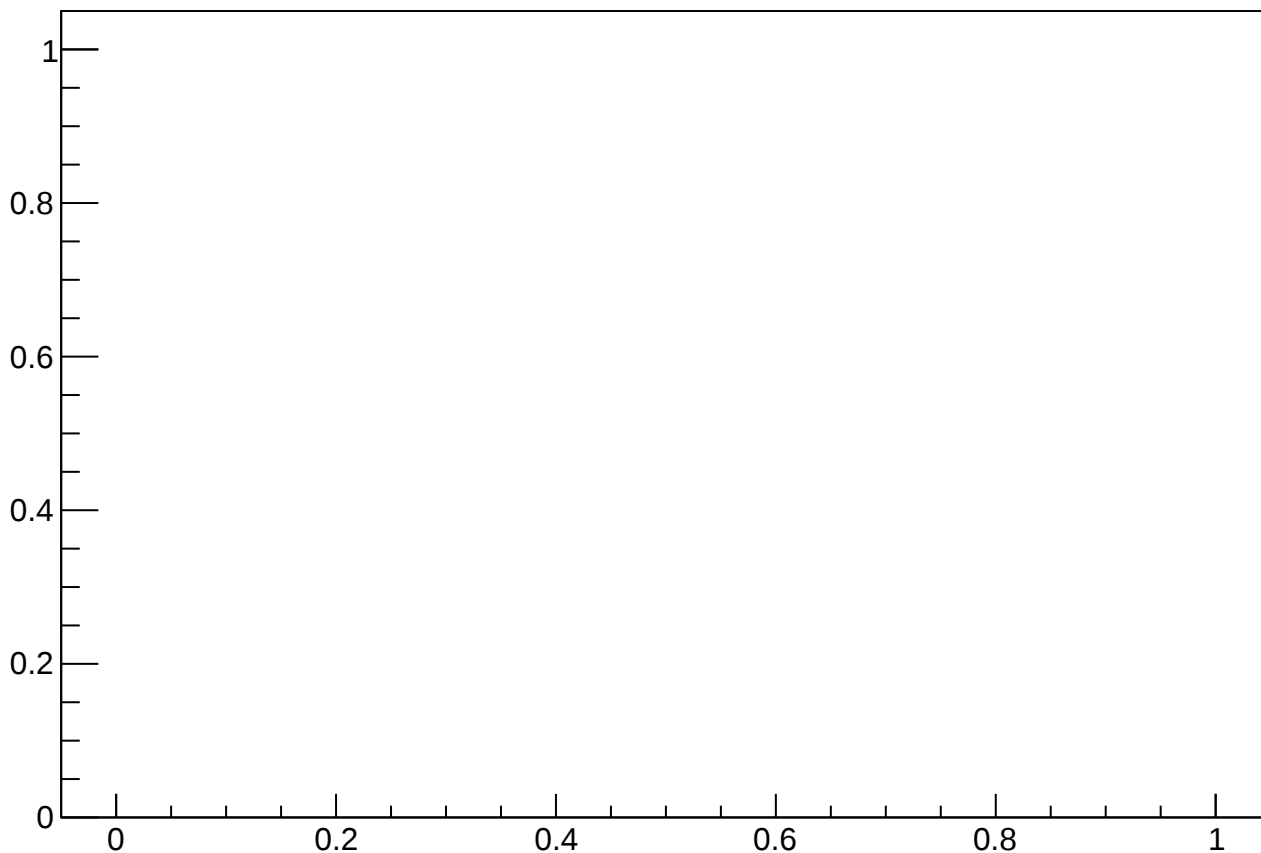
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

96.559+/-0.038 χ^2/NDF : 282619.9/8

95.196+/-0.025 χ^2/NDF : 618530.1/20

94.178+/-0.033 χ^2/NDF : 333666.2/11

asym_sam6_correction_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

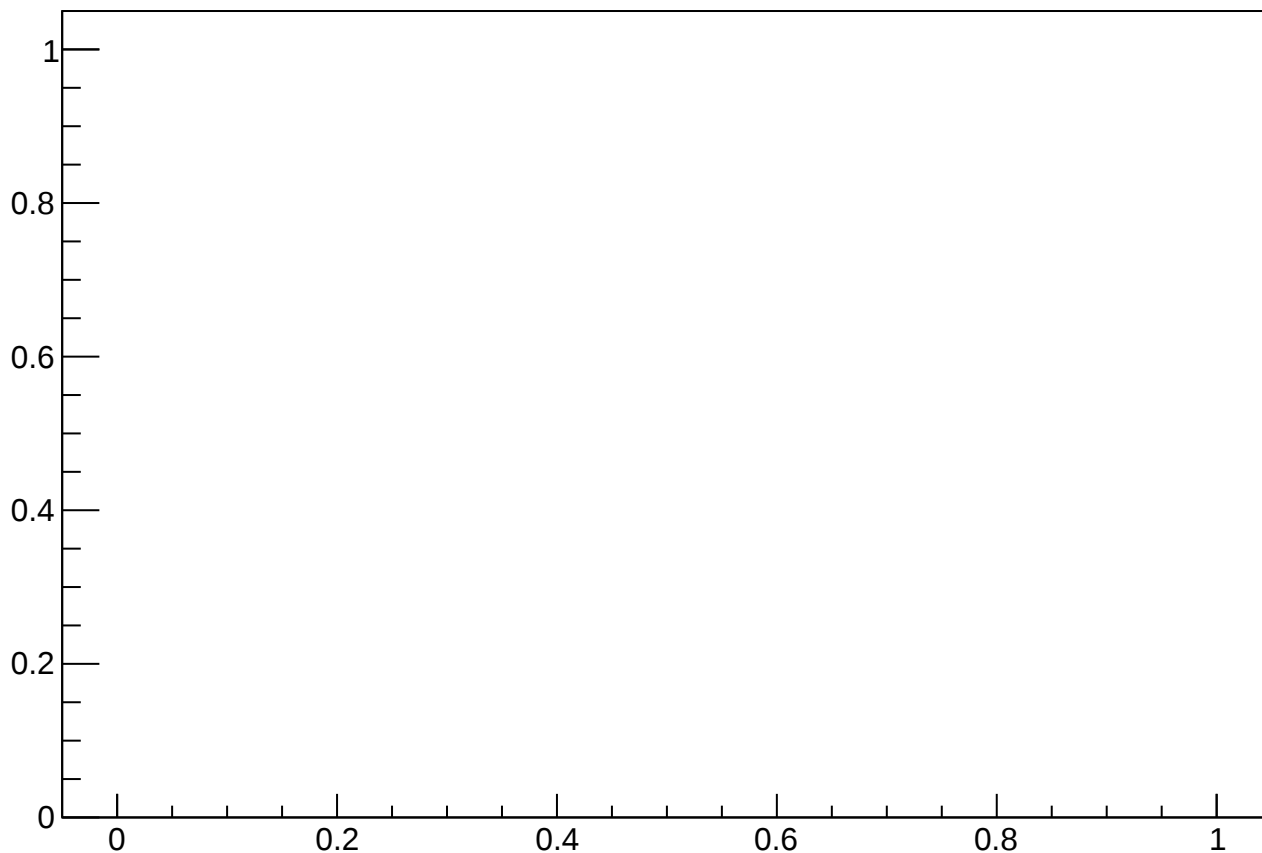
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_correction_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

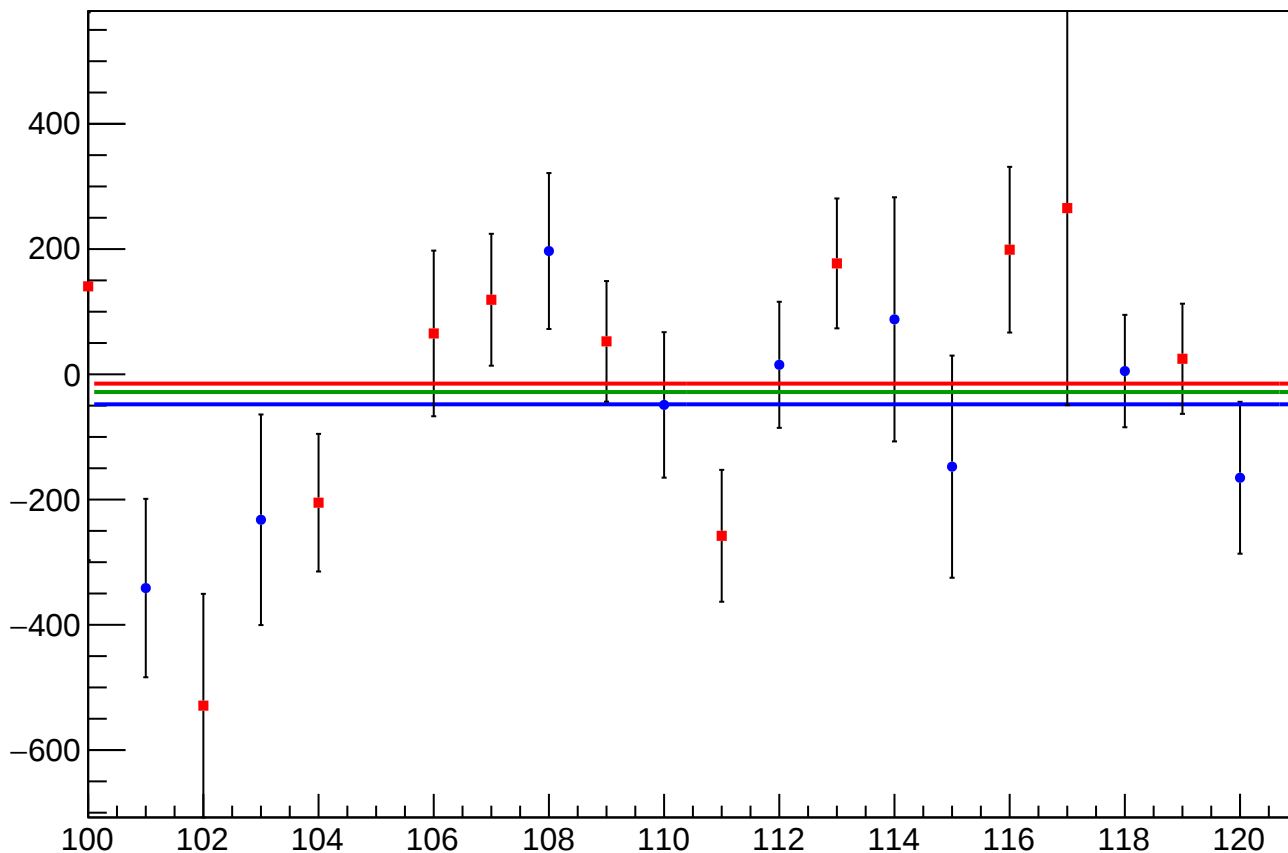
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: -47.890+/-41.804 χ^2/NDF : 11.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.839+/-34.599 χ^2/NDF : 27.2/11

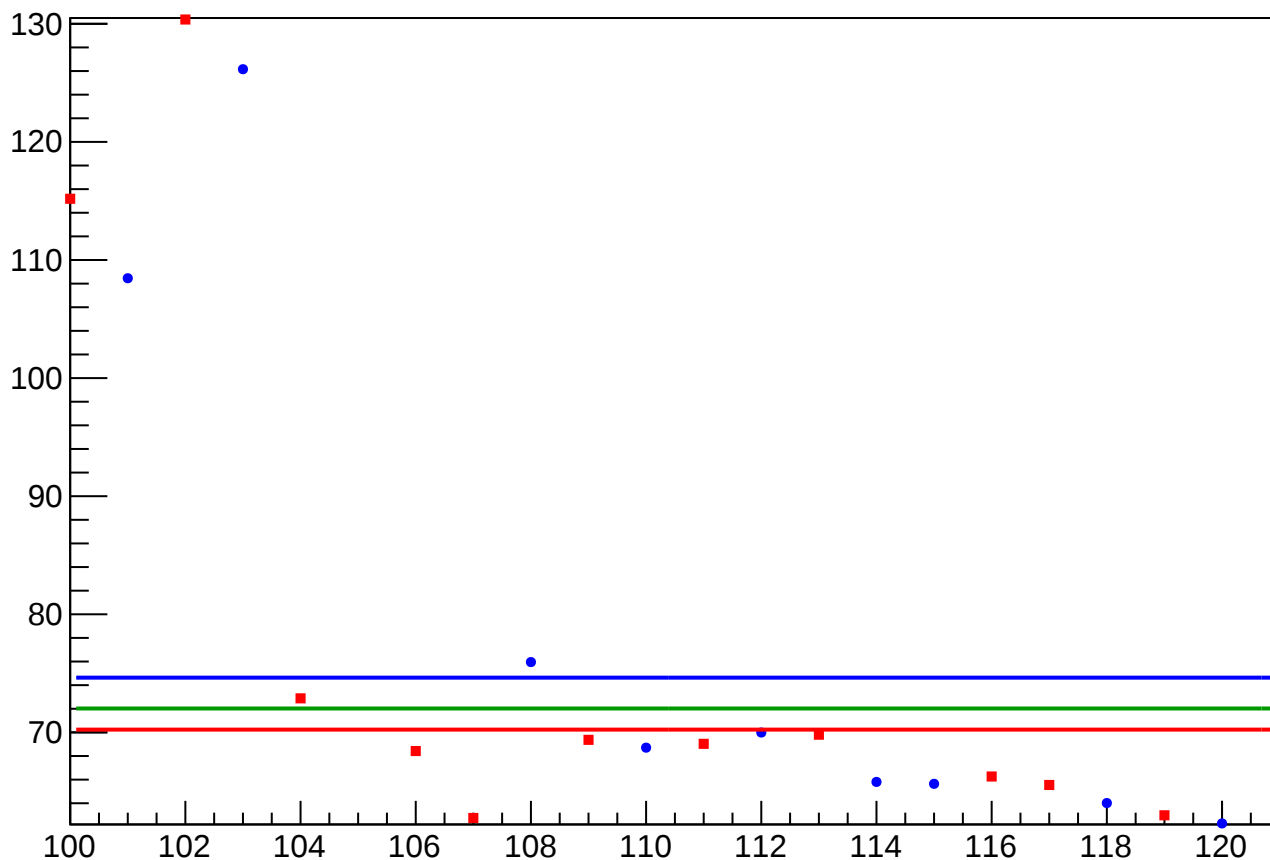
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-47.890+/-41.804 χ^2/NDF : 11.8/8

-28.275+/-26.654 χ^2/NDF : 39.4/20

-14.839+/-34.599 χ^2/NDF : 27.2/11

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 74.635+/-0.030 χ^2/NDF : 368131.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.236+/-0.024 χ^2/NDF : 276188.1/11

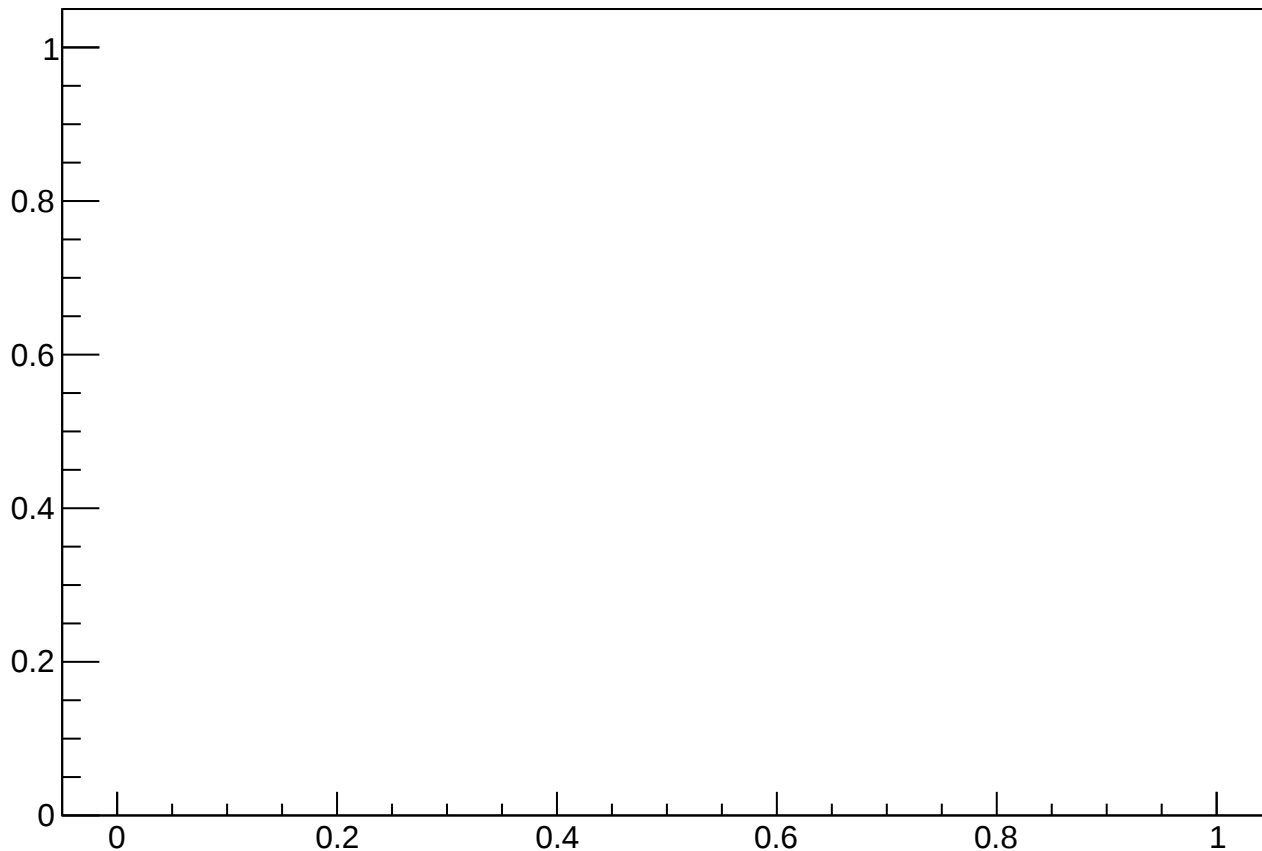
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

74.635+/-0.030 χ^2/NDF : 368131.5/8

72.024+/-0.019 χ^2/NDF : 657467.2/20

70.236+/-0.024 χ^2/NDF : 276188.1/11

asym_sam7_correction_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

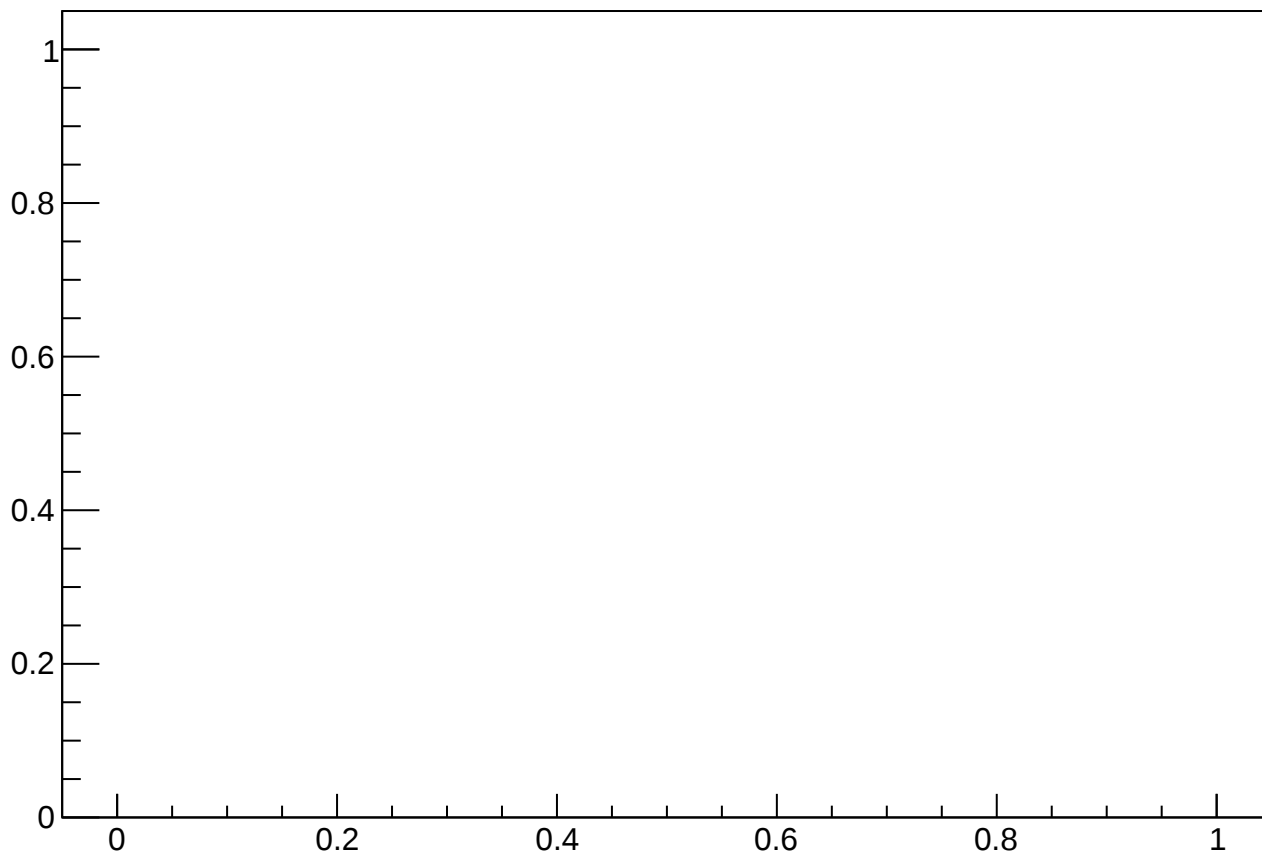
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_correction_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

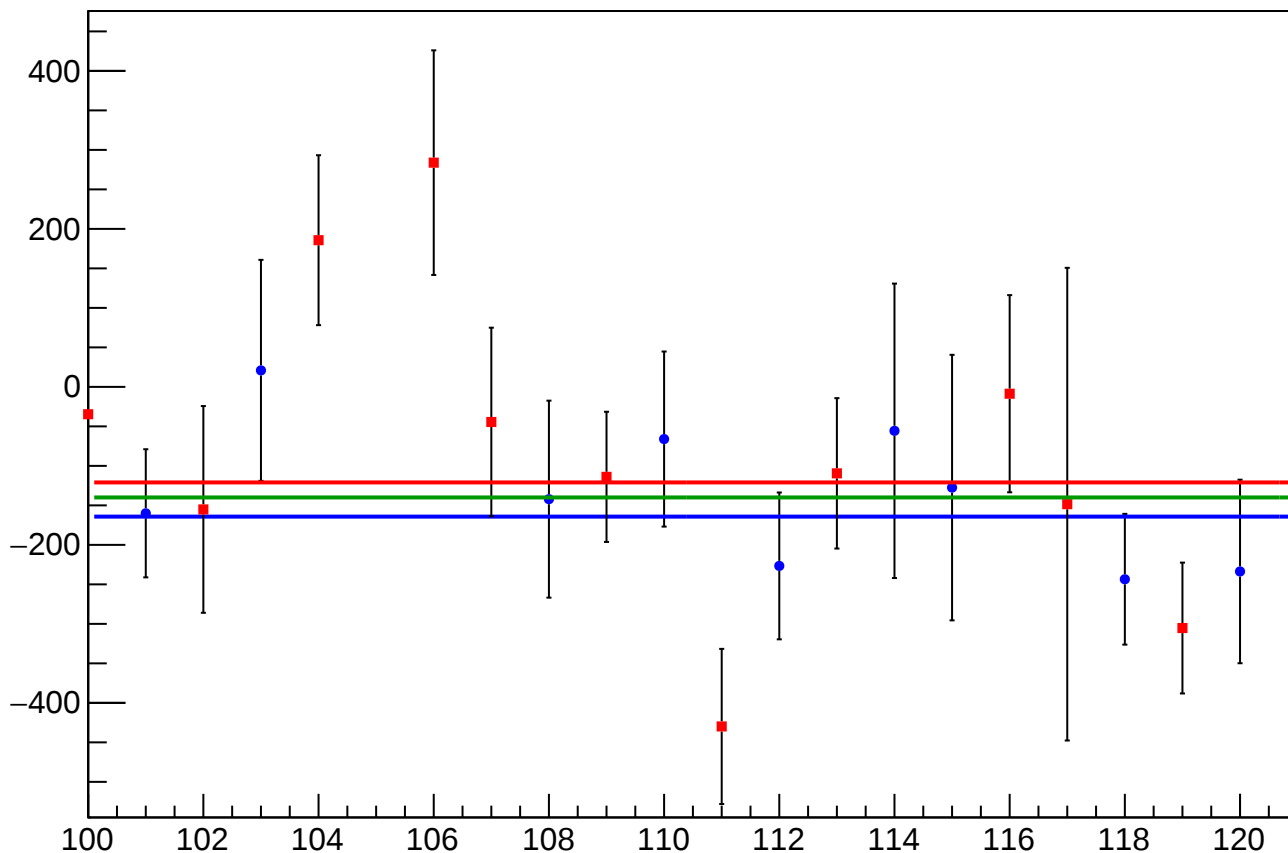
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -164.236+/-36.542 χ^2/NDF : 4.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -120.955+/-32.338 χ^2/NDF : 32.4/11

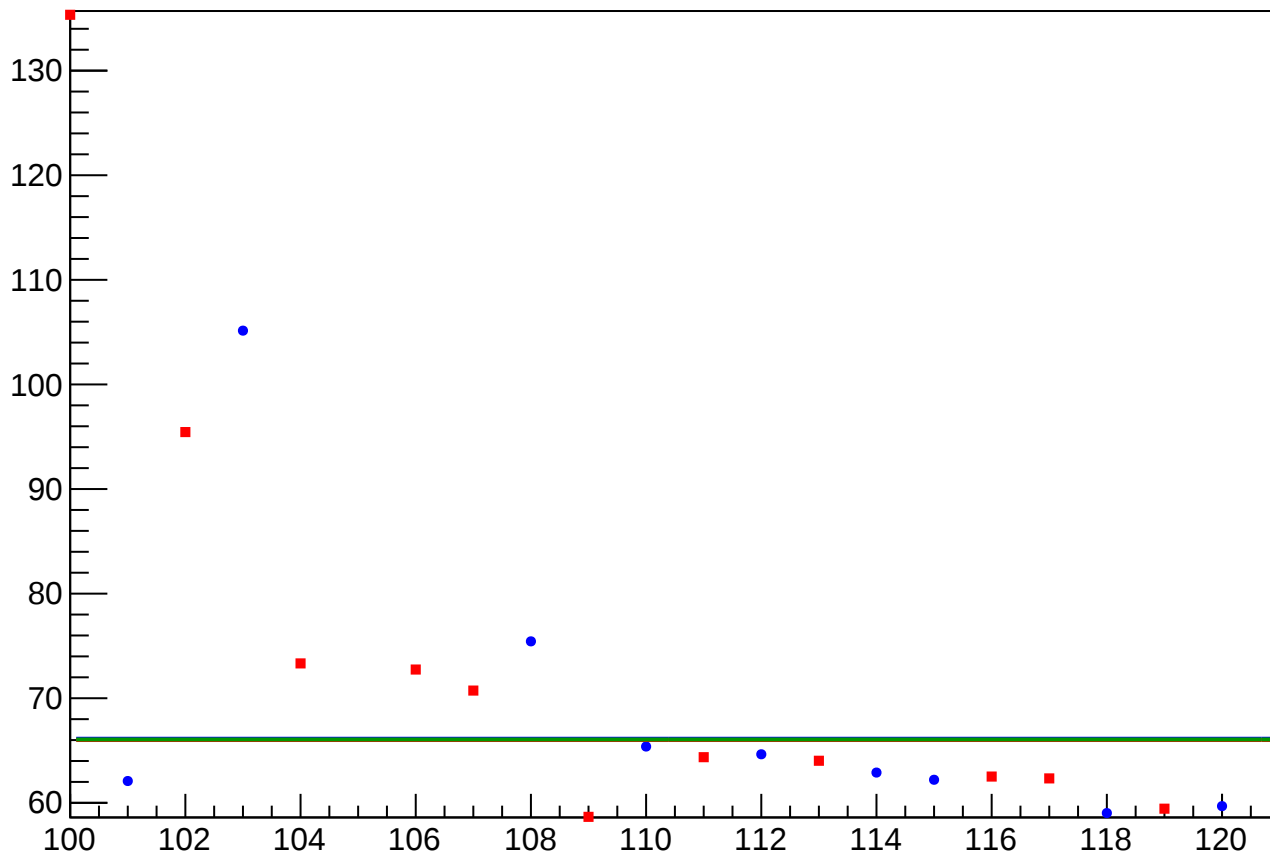
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-164.236+/-36.542 χ^2/NDF : 4.7/8

-139.964+/-24.217 χ^2/NDF : 37.9/20

-120.955+/-32.338 χ^2/NDF : 32.4/11

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 66.127+/-0.026 χ^2/NDF : 194870.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.006+/-0.023 χ^2/NDF : 193383.3/11

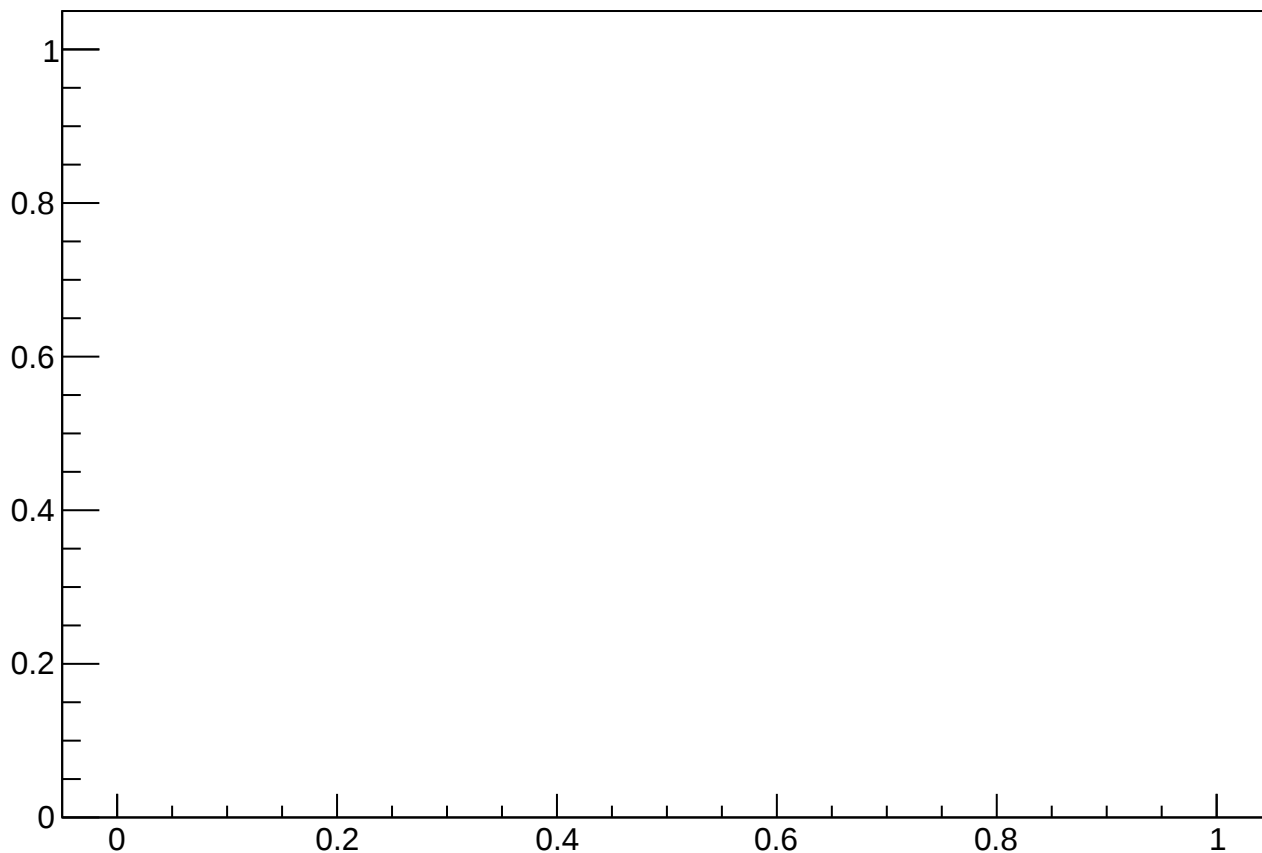
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

66.127+/-0.026 χ^2/NDF : 194870.0/8

66.059+/-0.017 χ^2/NDF : 388265.5/20

66.006+/-0.023 χ^2/NDF : 193383.3/11

asym_sam8_correction_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

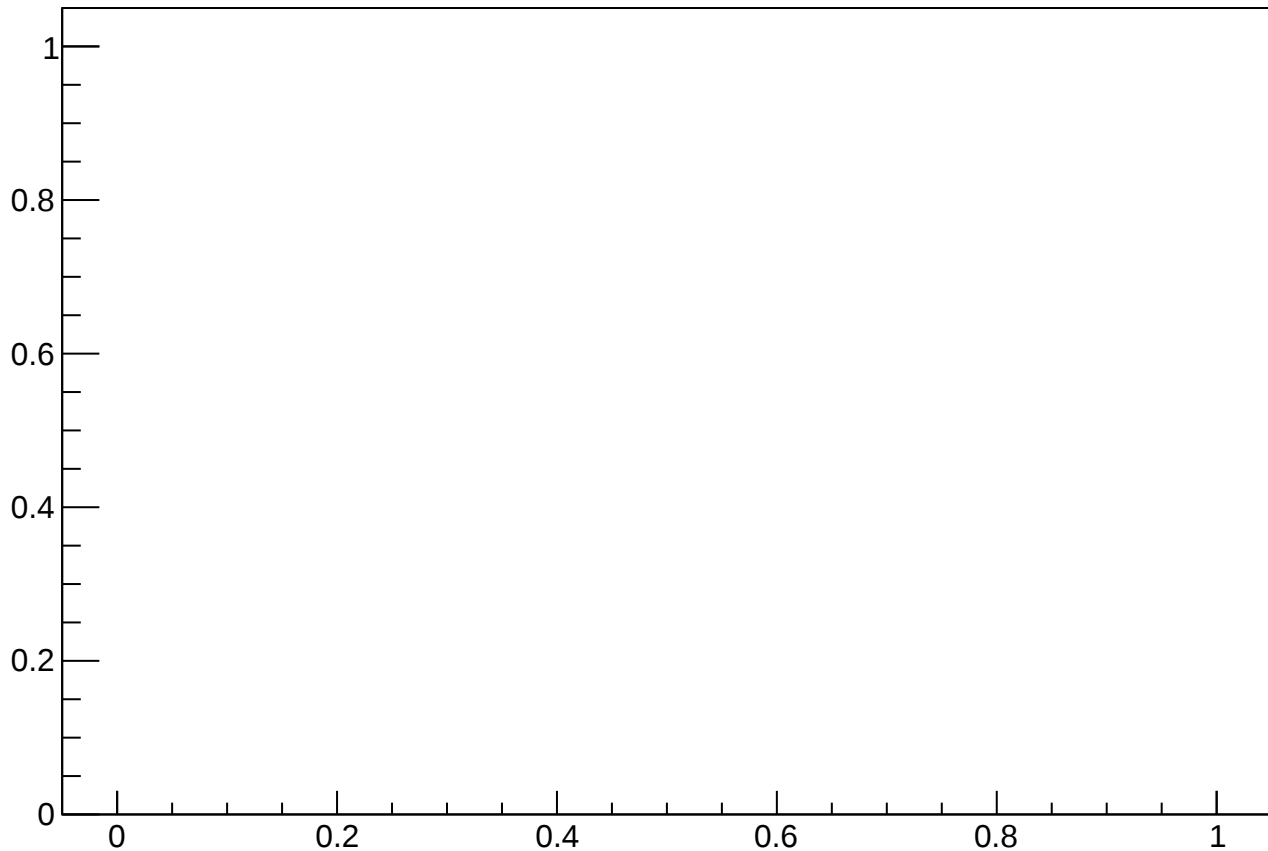
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_correction_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

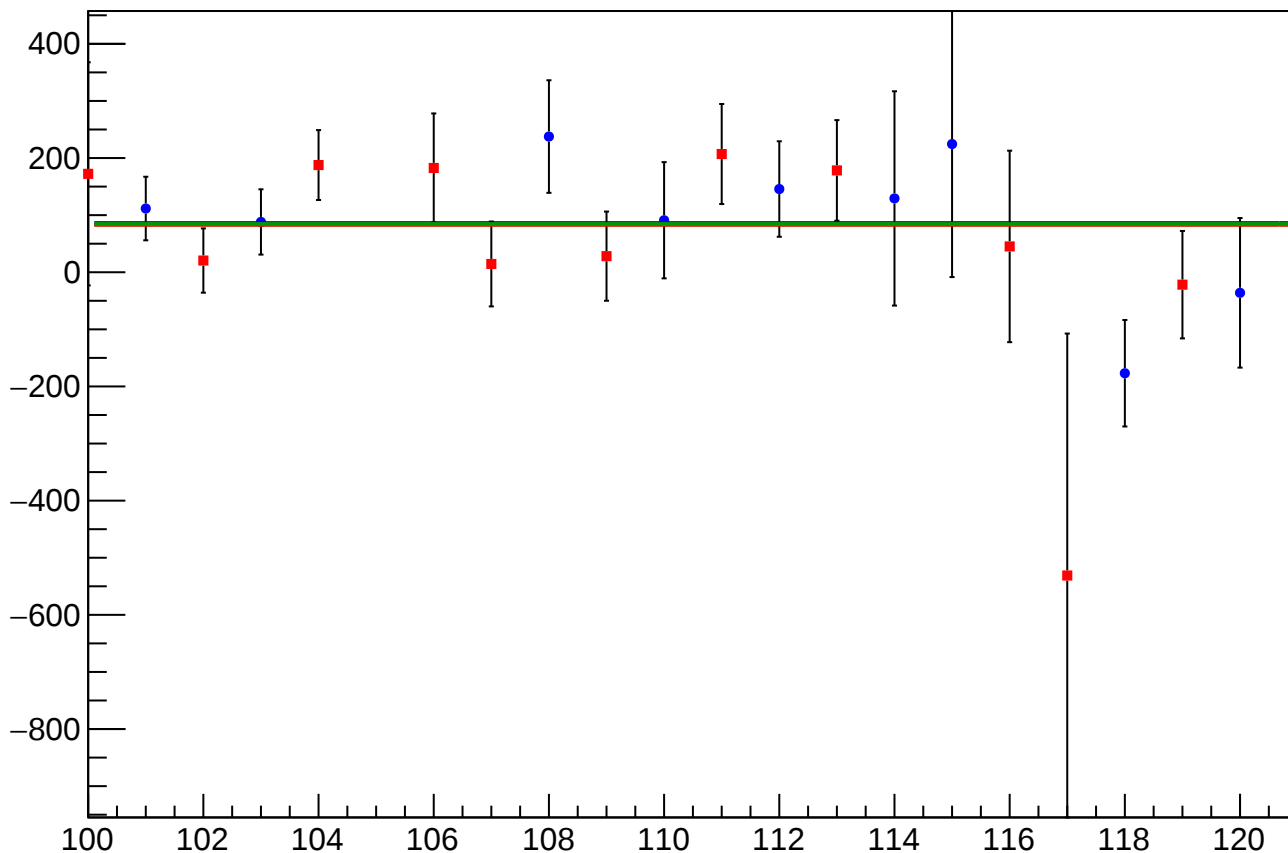
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 85.980+/-28.975 χ^2/NDF : 12.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.096+/-25.002 χ^2/NDF : 14.5/11

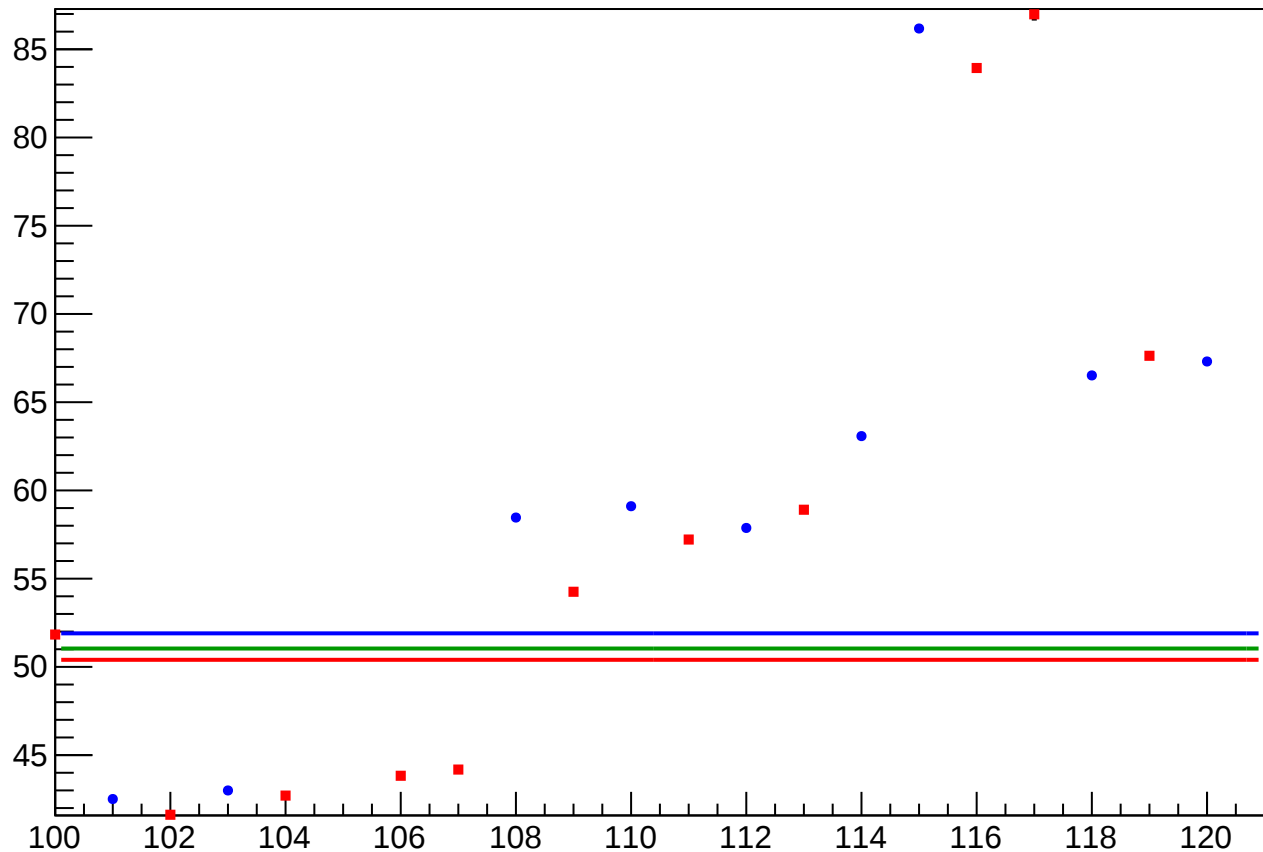
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

85.980+/-28.975 χ^2/NDF : 12.3/8

84.327+/-18.929 χ^2/NDF : 26.8/20

83.096+/-25.002 χ^2/NDF : 14.5/11

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 51.900+/-0.020 χ^2/NDF : 261682.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.401+/-0.018 χ^2/NDF : 308692.6/11

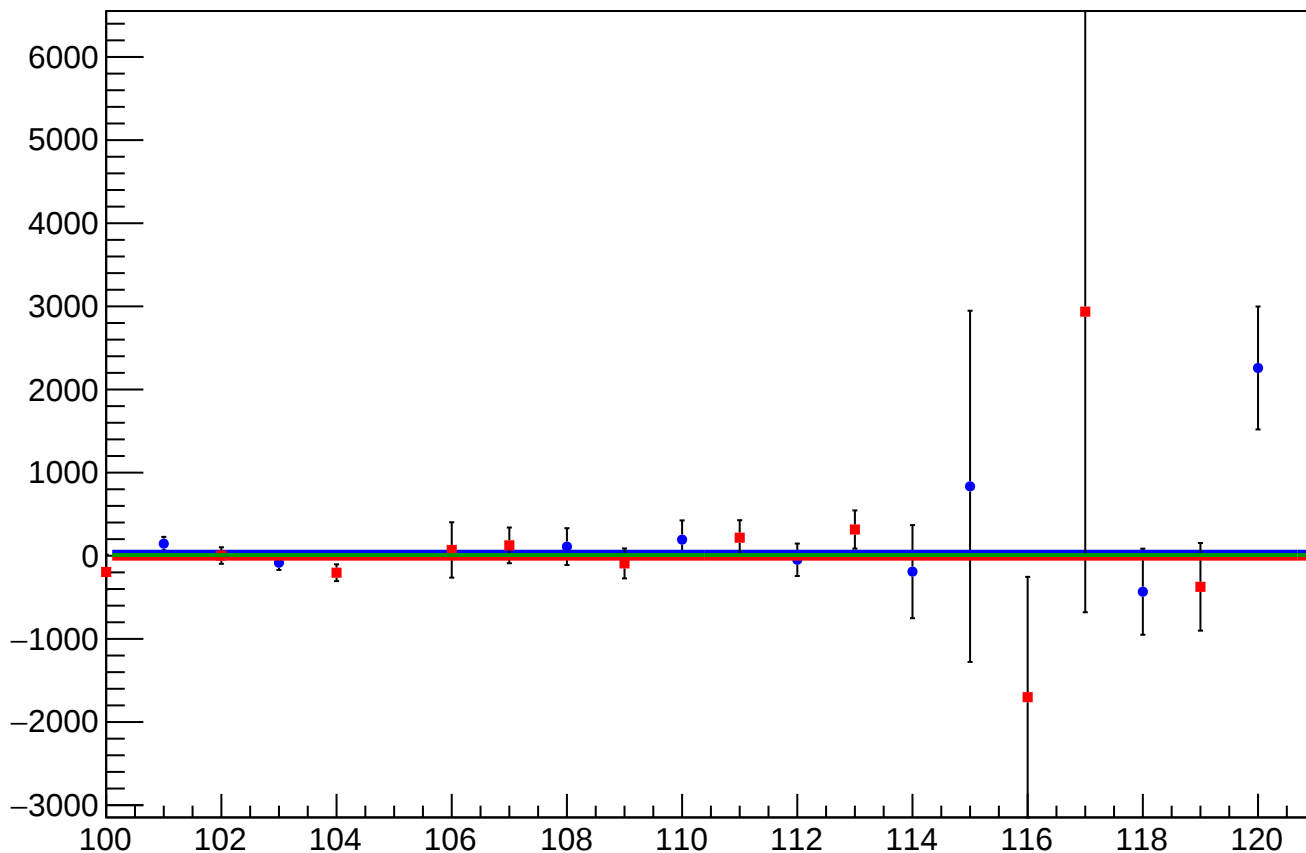
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

51.900+/-0.020 χ^2/NDF : 261682.1/8

51.041+/-0.013 χ^2/NDF : 573445.3/20

50.401+/-0.018 χ^2/NDF : 308692.6/11

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 48.506+/-53.052 χ^2/NDF : 14.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.422+/-54.843 χ^2/NDF : 14.2/11

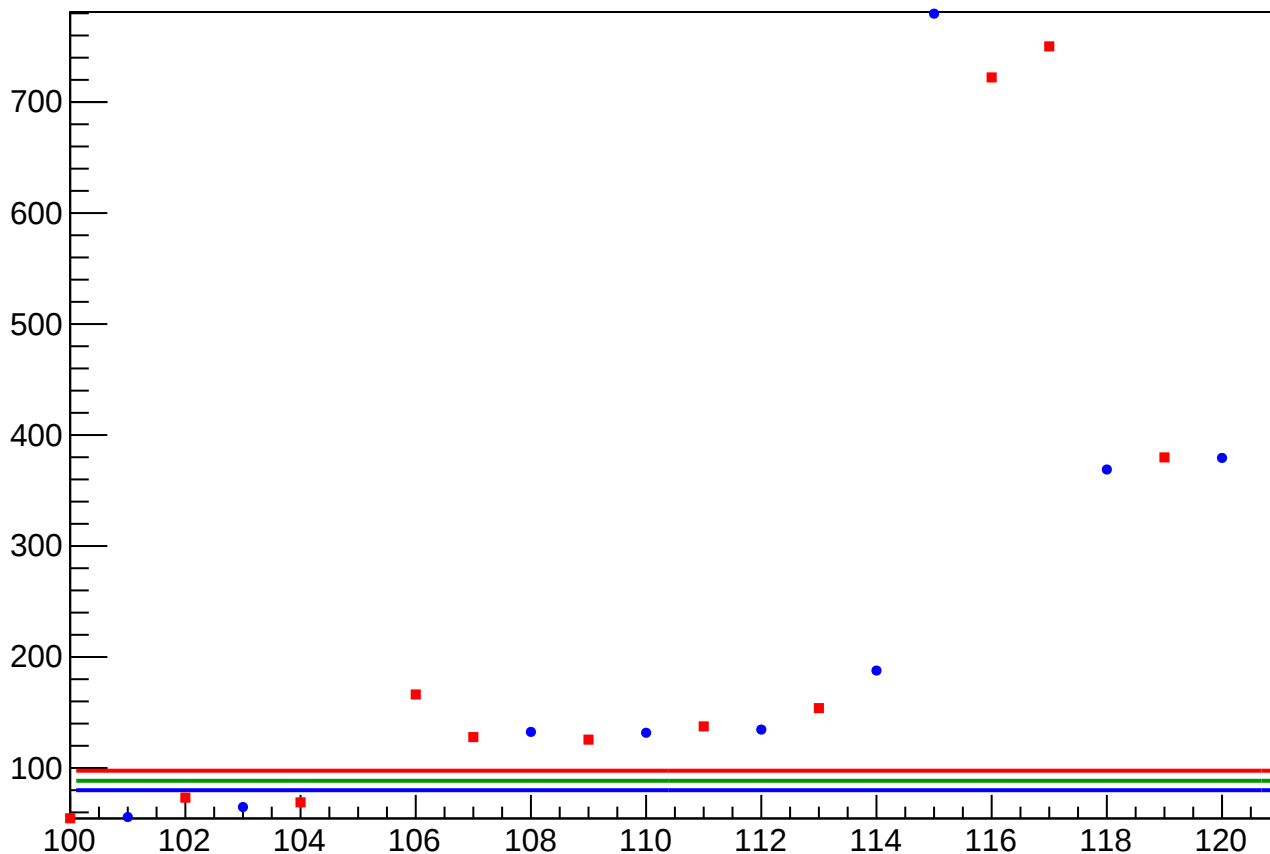
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

48.506+/-53.052 χ^2/NDF : 14.5/8

8.419+/-38.131 χ^2/NDF : 29.9/20

-34.422+/-54.843 χ^2/NDF : 14.2/11

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 79.983+/-0.038 χ^2/NDF : 1848939.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.561+/-0.039 χ^2/NDF : 2119042.5/11

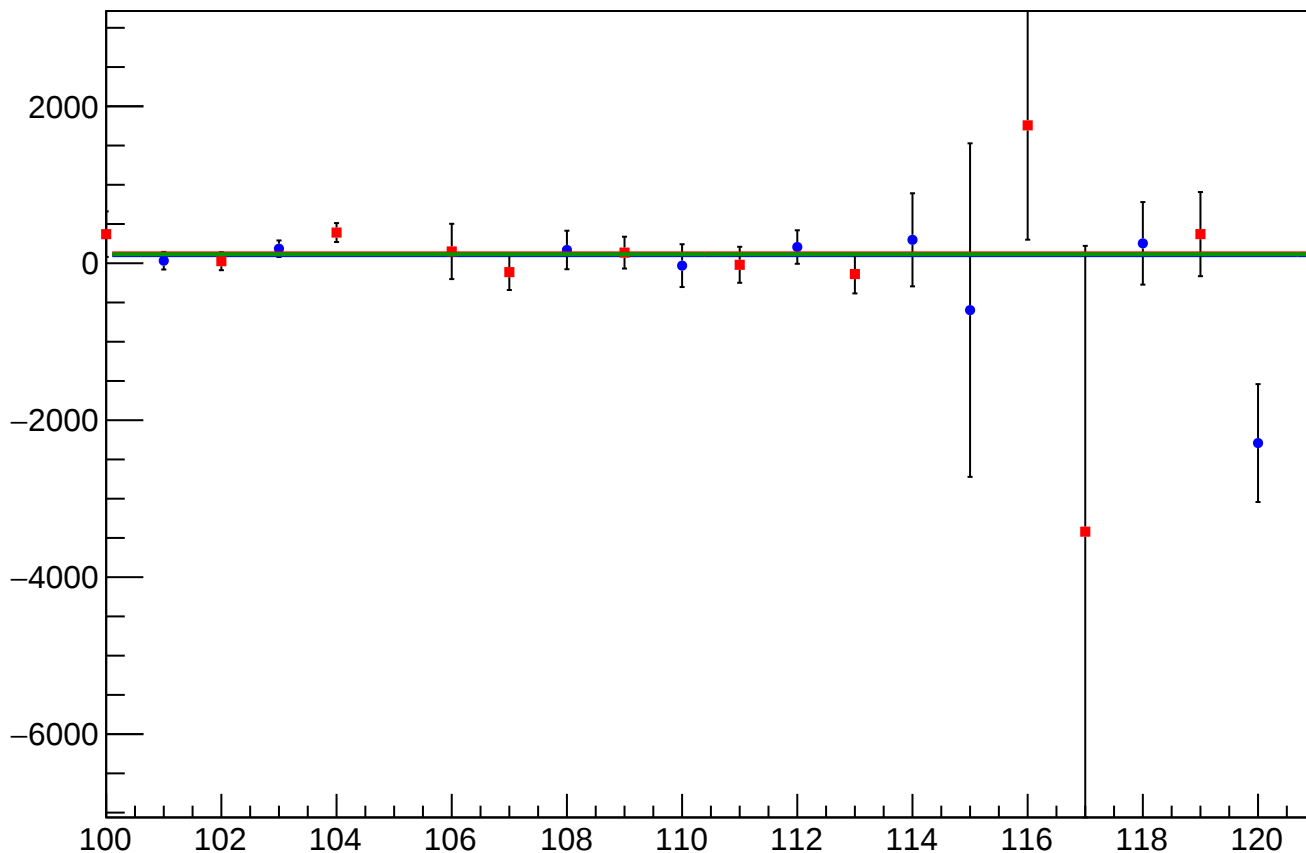
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

79.983+/-0.038 χ^2/NDF : 1848939.8/8

88.480+/-0.027 χ^2/NDF : 4074118.8/20

97.561+/-0.039 χ^2/NDF : 2119042.5/11

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 103.120+/-65.922 χ^2/NDF : 12.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.689+/-63.157 χ^2/NDF : 15.9/11

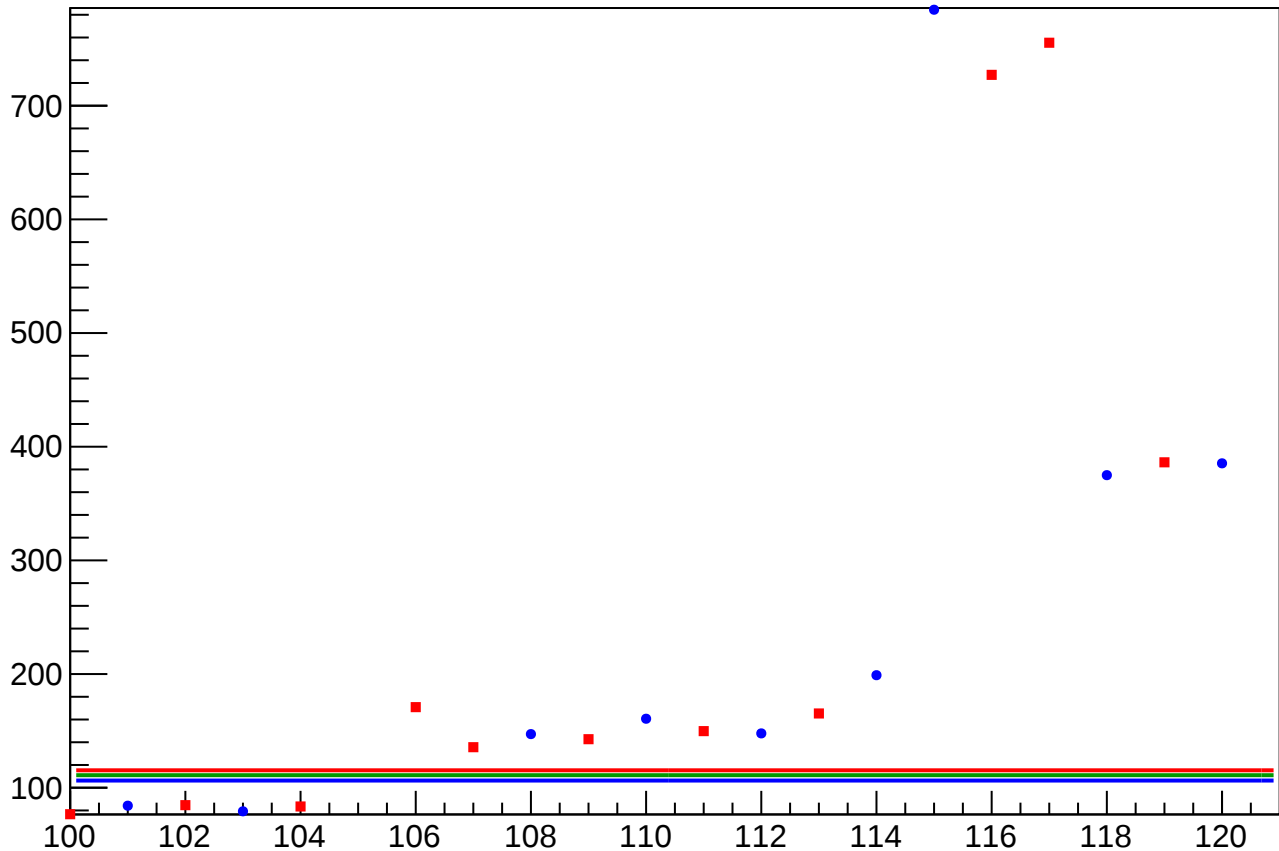
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

103.120+/-65.922 χ^2/NDF : 12.0/8

114.888+/-45.605 χ^2/NDF : 27.9/20

125.689+/-63.157 χ^2/NDF : 15.9/11

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 106.313+/-0.047 χ^2/NDF : 1470480.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.319+/-0.045 χ^2/NDF : 1803887.8/11

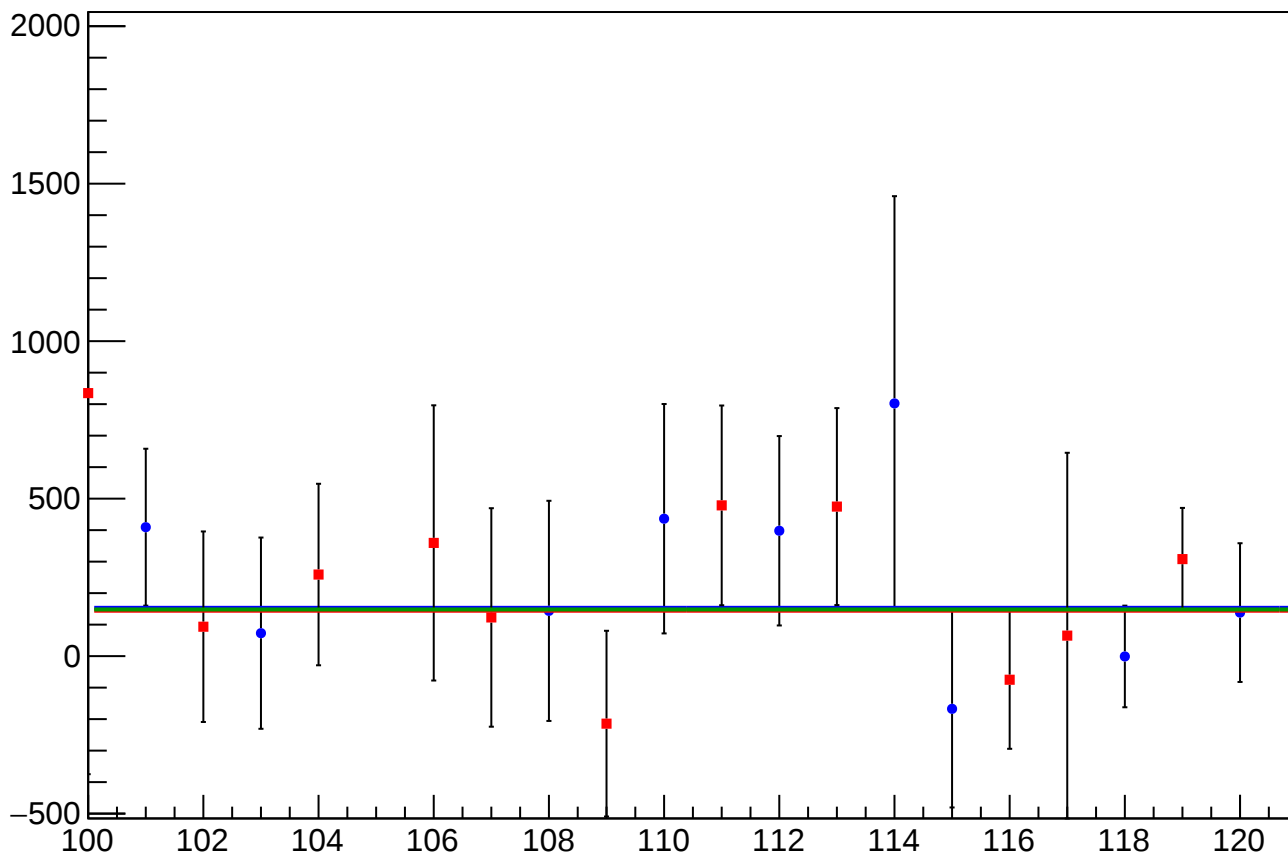
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

106.313+/-0.047 χ^2/NDF : 1470480.3/8

111.009+/-0.032 χ^2/NDF : 3293833.0/20

115.319+/-0.045 χ^2/NDF : 1803887.8/11

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 153.354+/-89.331 χ^2/NDF : 5.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.180+/-78.188 χ^2/NDF : 7.7/11

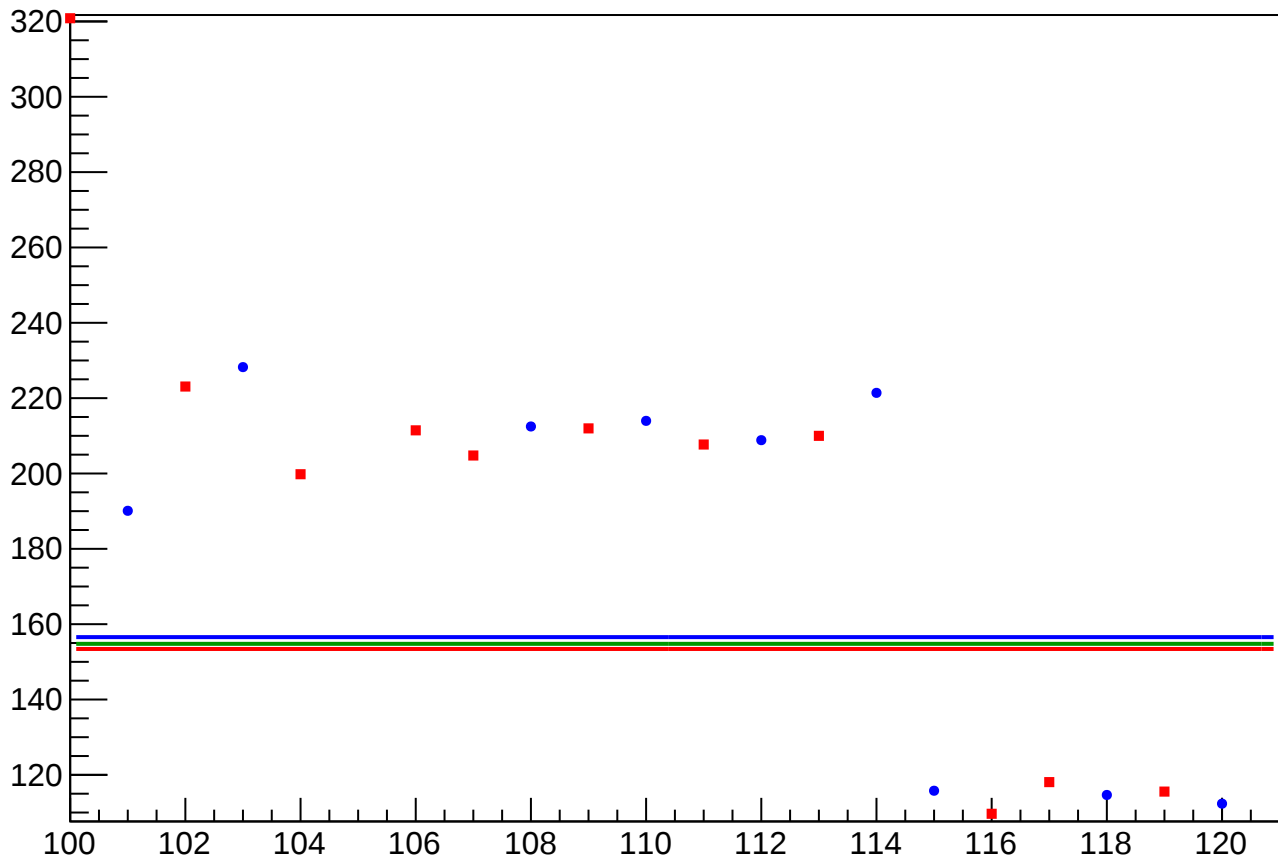
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

153.354+/-89.331 χ^2/NDF : 5.3/8

148.160+/-58.835 χ^2/NDF : 13.0/20

144.180+/-78.188 χ^2/NDF : 7.7/11

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 156.564+/-0.063 χ^2/NDF : 577955.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.417+/-0.055 χ^2/NDF : 811762.4/11

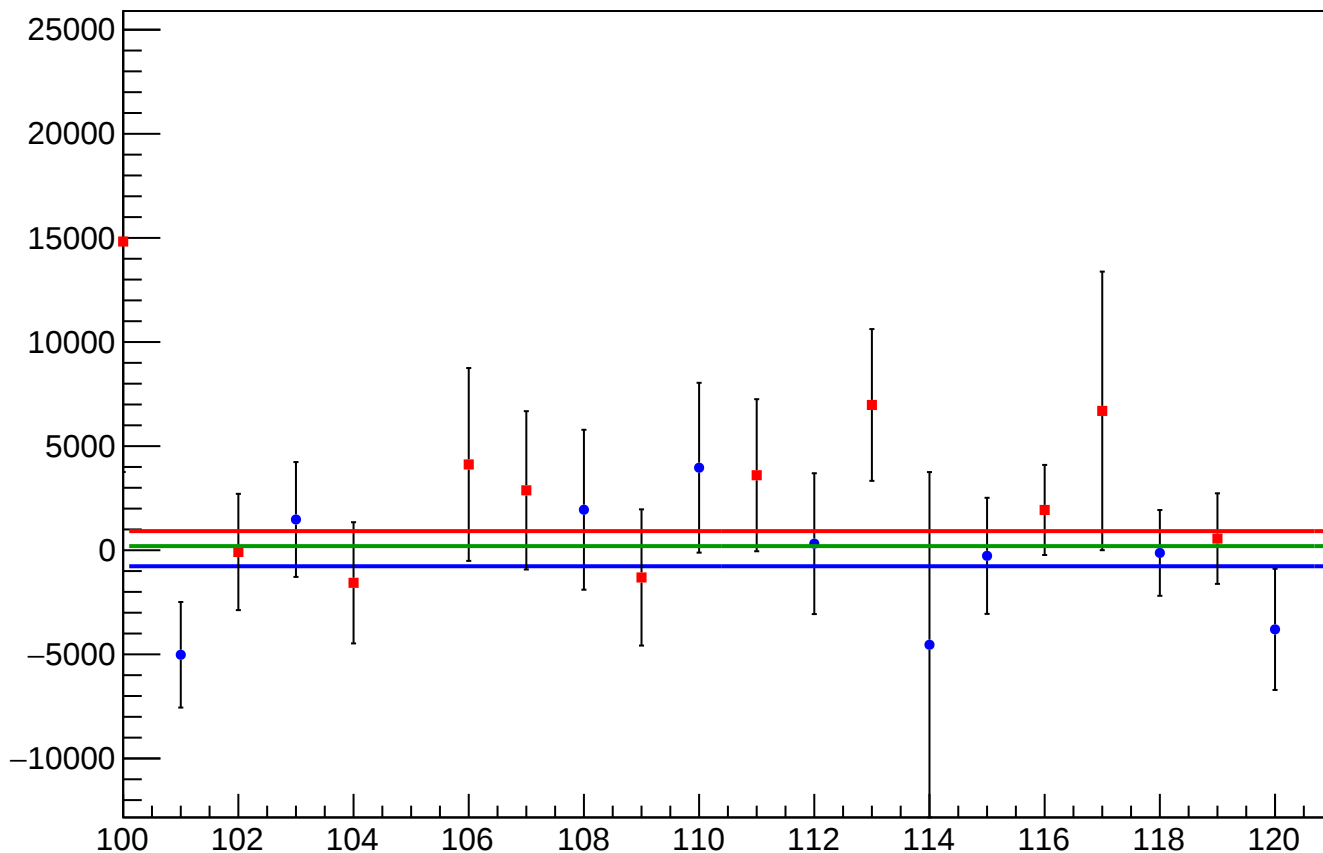
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

156.564+/-0.063 χ^2/NDF : 577955.5/8

154.782+/-0.042 χ^2/NDF : 1391123.6/20

153.417+/-0.055 χ^2/NDF : 811762.4/11

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -768.694+/-1000.356 χ^2/NDF : 6.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 918.455+/-862.955 χ^2/NDF : 9.7/11

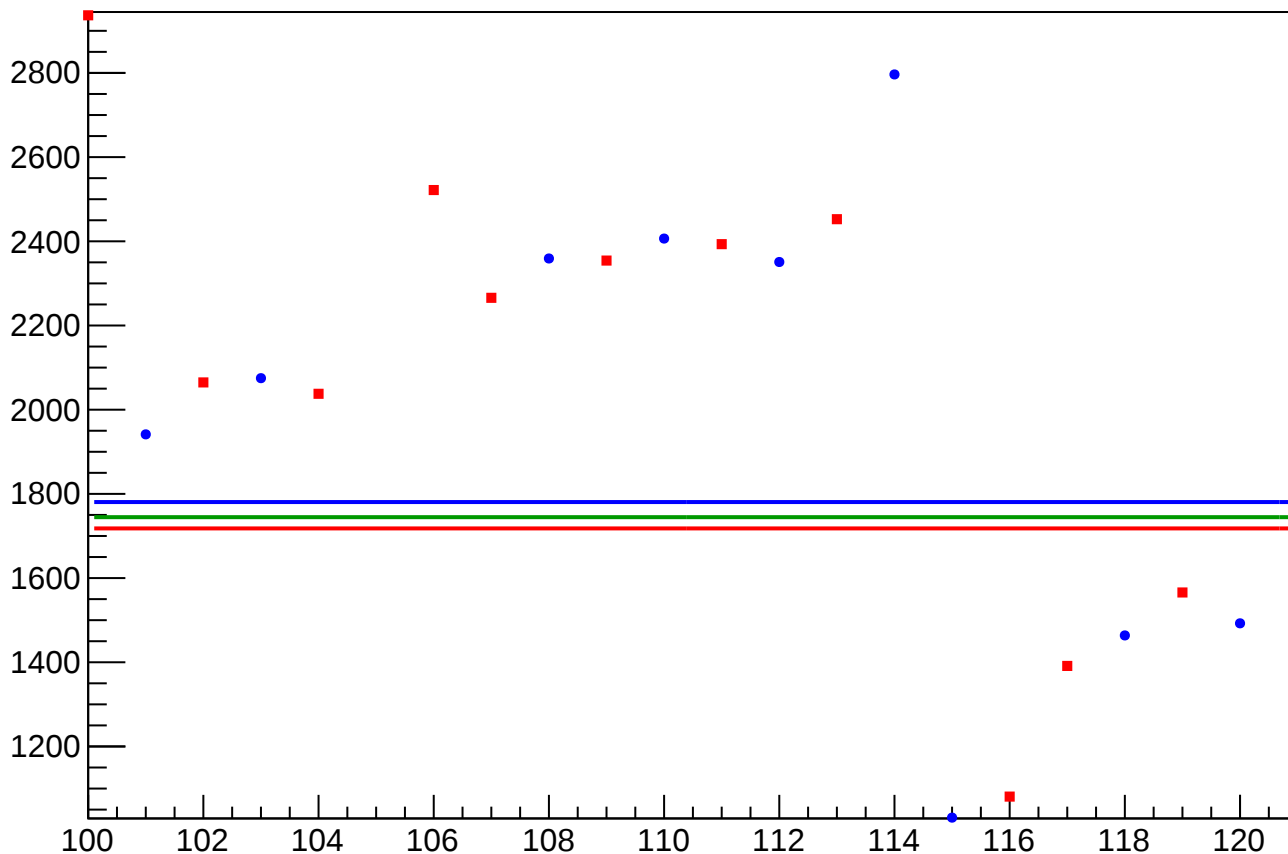
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-768.694+/-1000.356 χ^2/NDF : 6.8/8

198.619+/-653.424 χ^2/NDF : 18.1/20

918.455+/-862.955 χ^2/NDF : 9.7/11

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1780.599+/-0.707 χ^2/NDF : 421747.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1717.961+/-0.610 χ^2/NDF : 770337.7/11

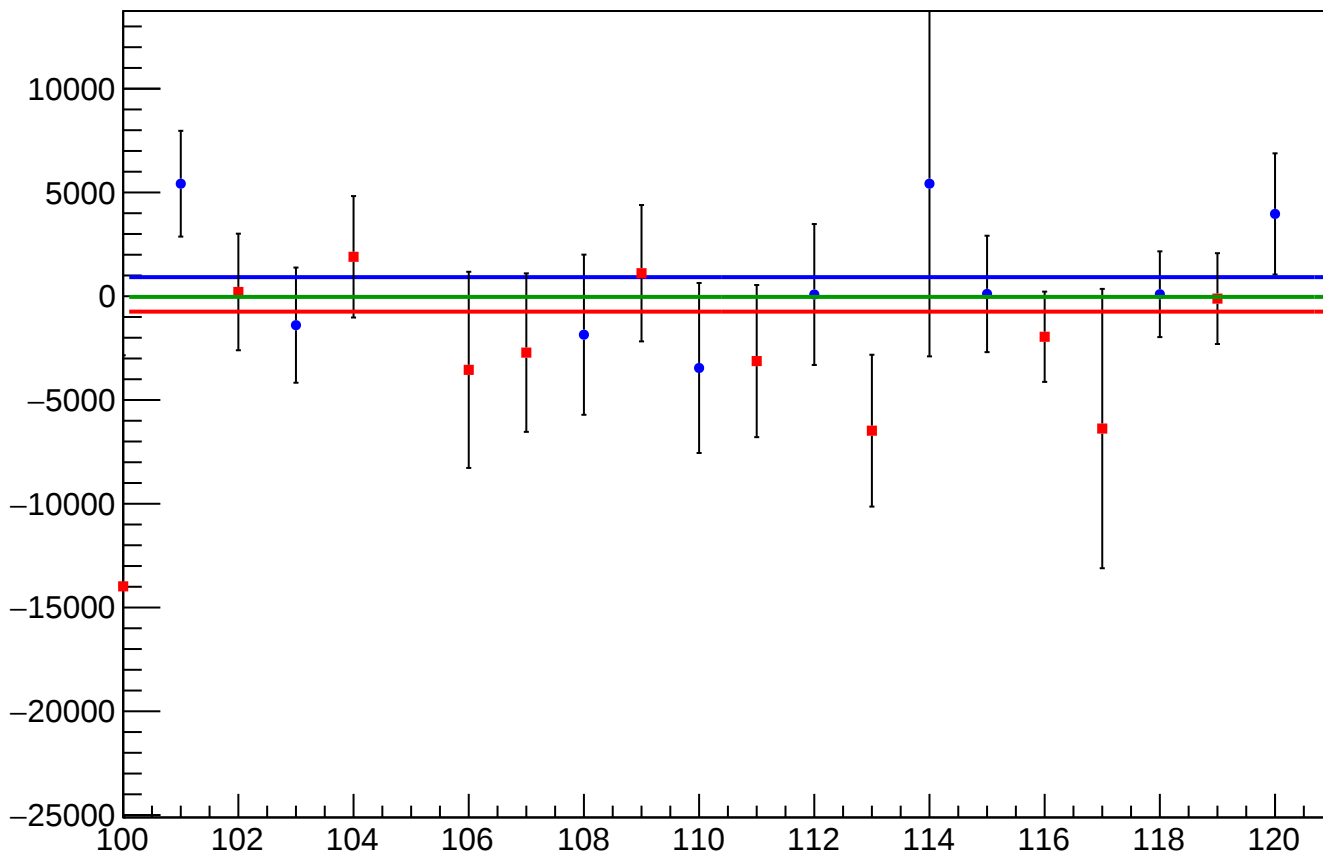
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1780.599+/-0.707 χ^2/NDF : 421747.3/8

1744.686+/-0.462 χ^2/NDF : 1196580.9/20

1717.961+/-0.610 χ^2/NDF : 770337.7/11

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 919.744+/-1004.820 χ^2/NDF : 7.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -742.127+/-867.762 χ^2/NDF : 8.6/11

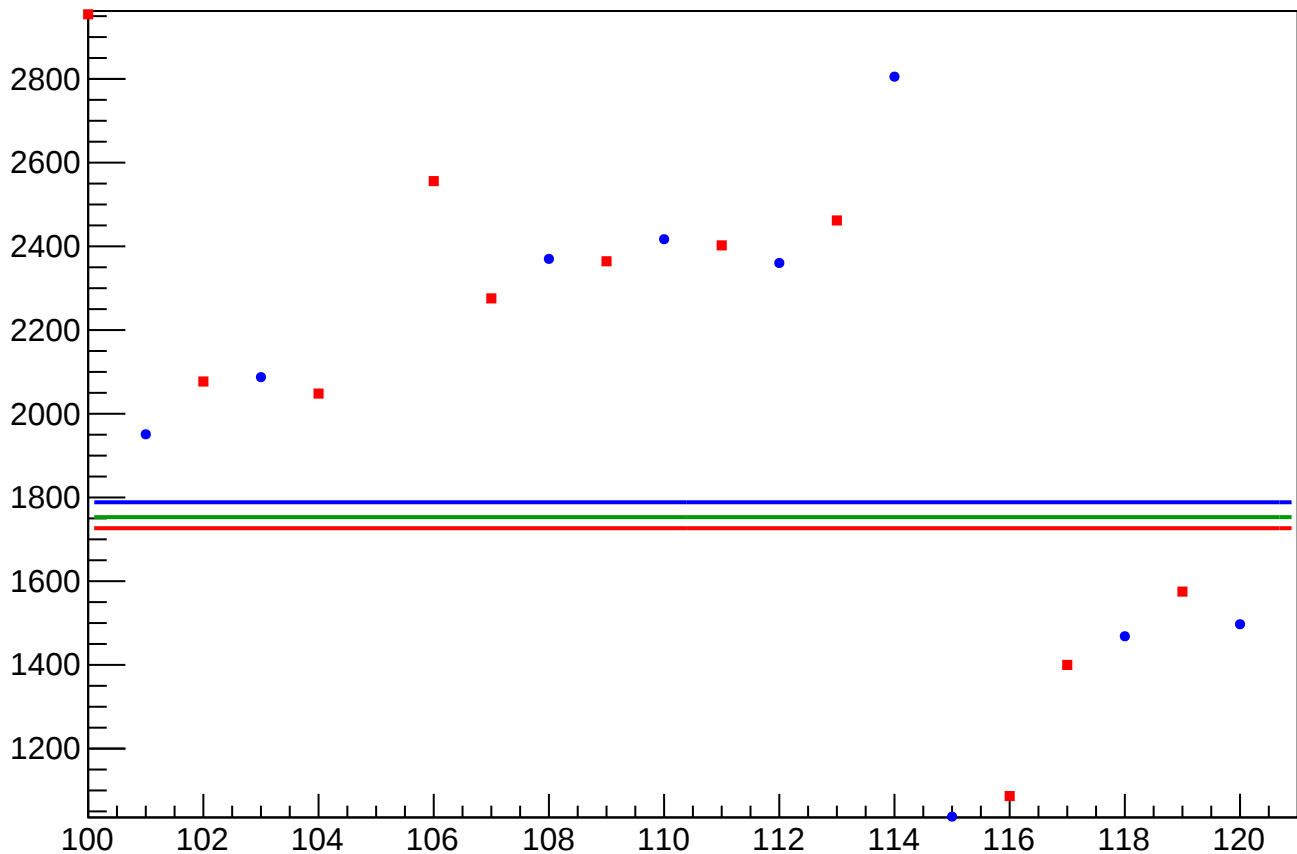
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

919.744+/-1004.820 χ^2/NDF : 7.2/8

-32.179+/-656.754 χ^2/NDF : 17.4/20

-742.127+/-867.762 χ^2/NDF : 8.6/11

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1788.565+/-0.711 χ^2/NDF : 421719.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1726.596+/-0.614 χ^2/NDF : 770579.6/11

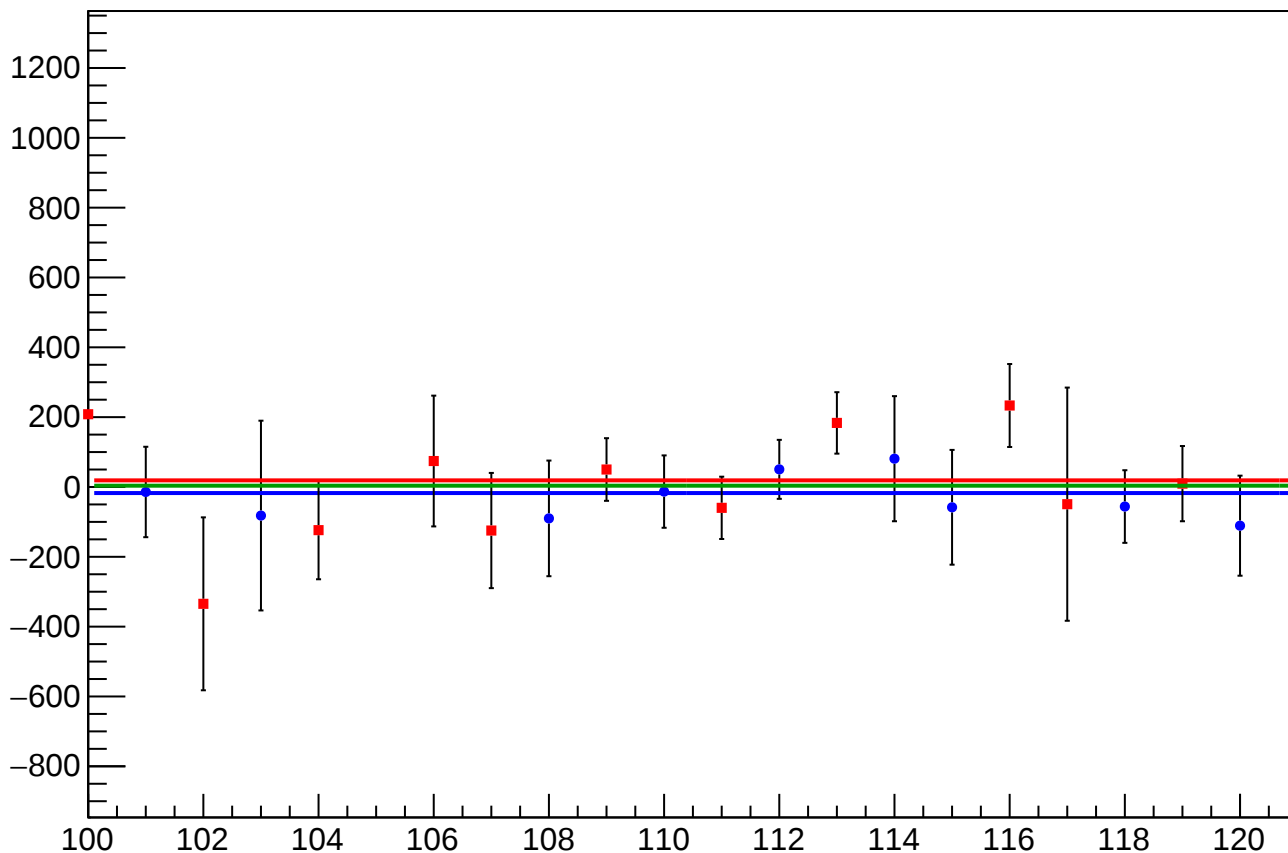
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1788.565+/-0.711 χ^2/NDF : 421719.1/8

1753.069+/-0.464 χ^2/NDF : 1196655.8/20

1726.596+/-0.614 χ^2/NDF : 770579.6/11

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -17.393+/-42.553 χ^2/NDF : 1.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.943+/-36.193 χ^2/NDF : 13.5/11

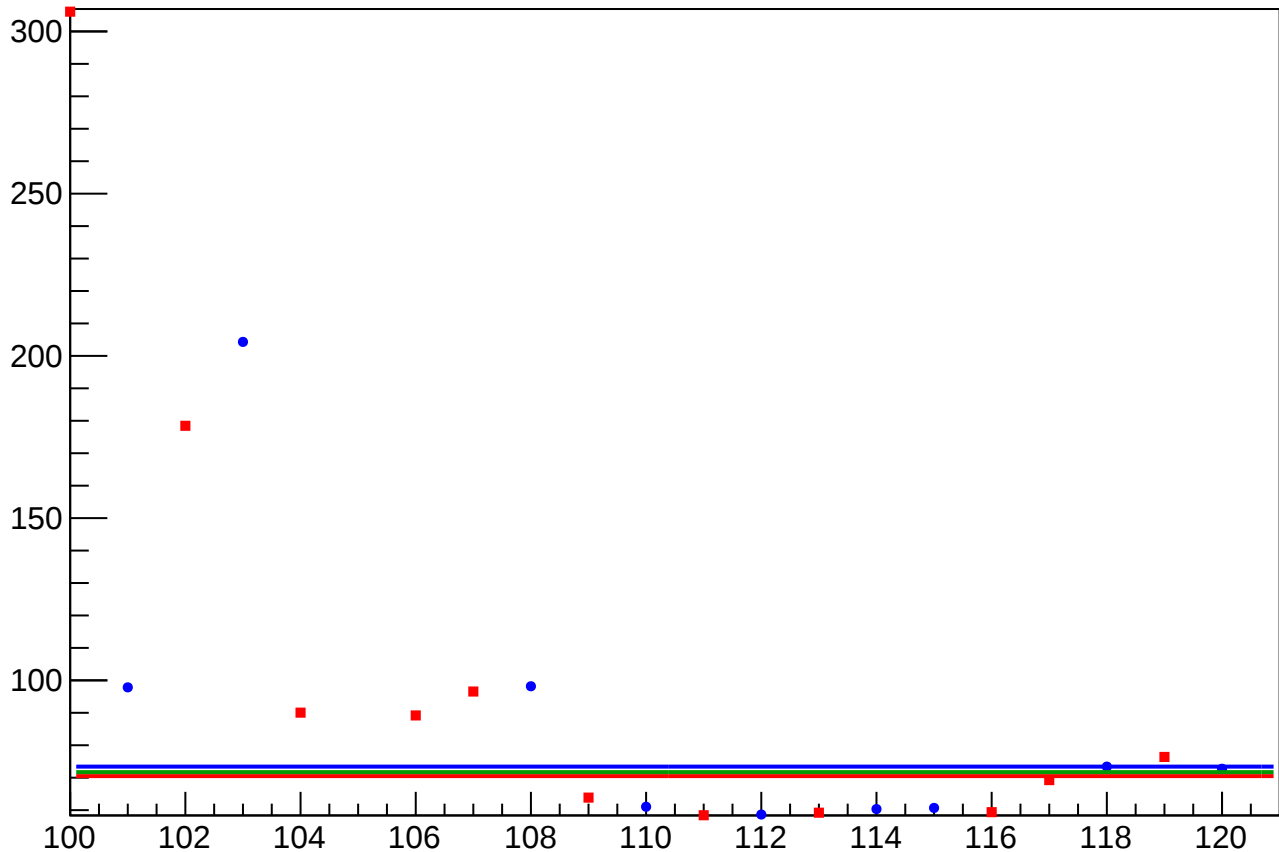
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-17.393+/-42.553 χ^2/NDF : 1.8/8

3.691+/-27.569 χ^2/NDF : 15.7/20

18.943+/-36.193 χ^2/NDF : 13.5/11

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 73.414+/-0.030 χ^2/NDF : 692428.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.489+/-0.026 χ^2/NDF : 678332.6/11

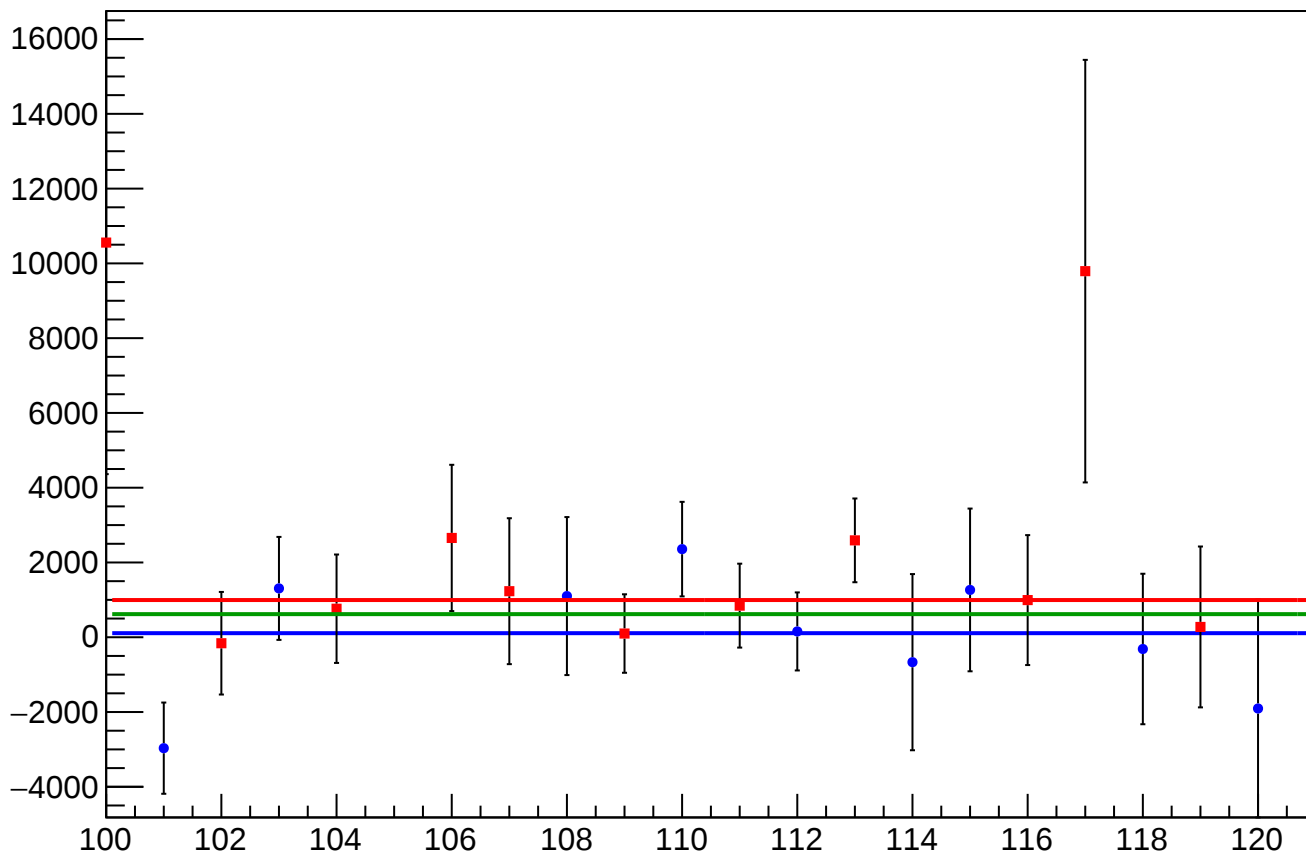
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

73.414+/-0.030 χ^2/NDF : 692428.6/8

71.717+/-0.019 χ^2/NDF : 1376247.3/20

70.489+/-0.026 χ^2/NDF : 678332.6/11

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: 108.983 $\pm$ 518.291 χ^2/NDF : 11.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 995.187 $\pm$ 446.058 χ^2/NDF : 9.8/11

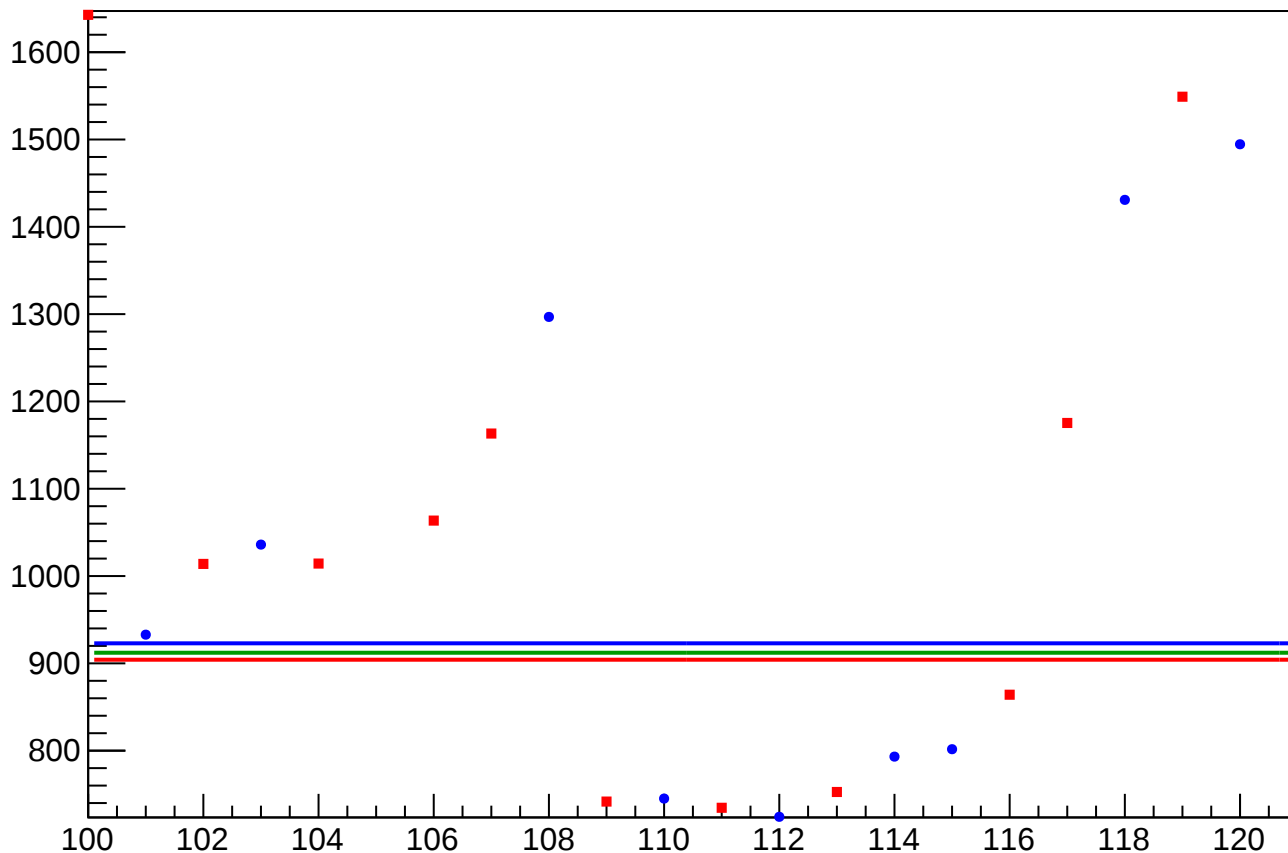
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

108.983 $\pm$ 518.291 χ^2/NDF : 11.4/8

618.094 $\pm$ 338.089 χ^2/NDF : 22.8/20

995.187 $\pm$ 446.058 χ^2/NDF : 9.8/11

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 922.950+/-0.366 χ^2/NDF : 404877.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 904.168+/-0.315 χ^2/NDF : 421011.9/11

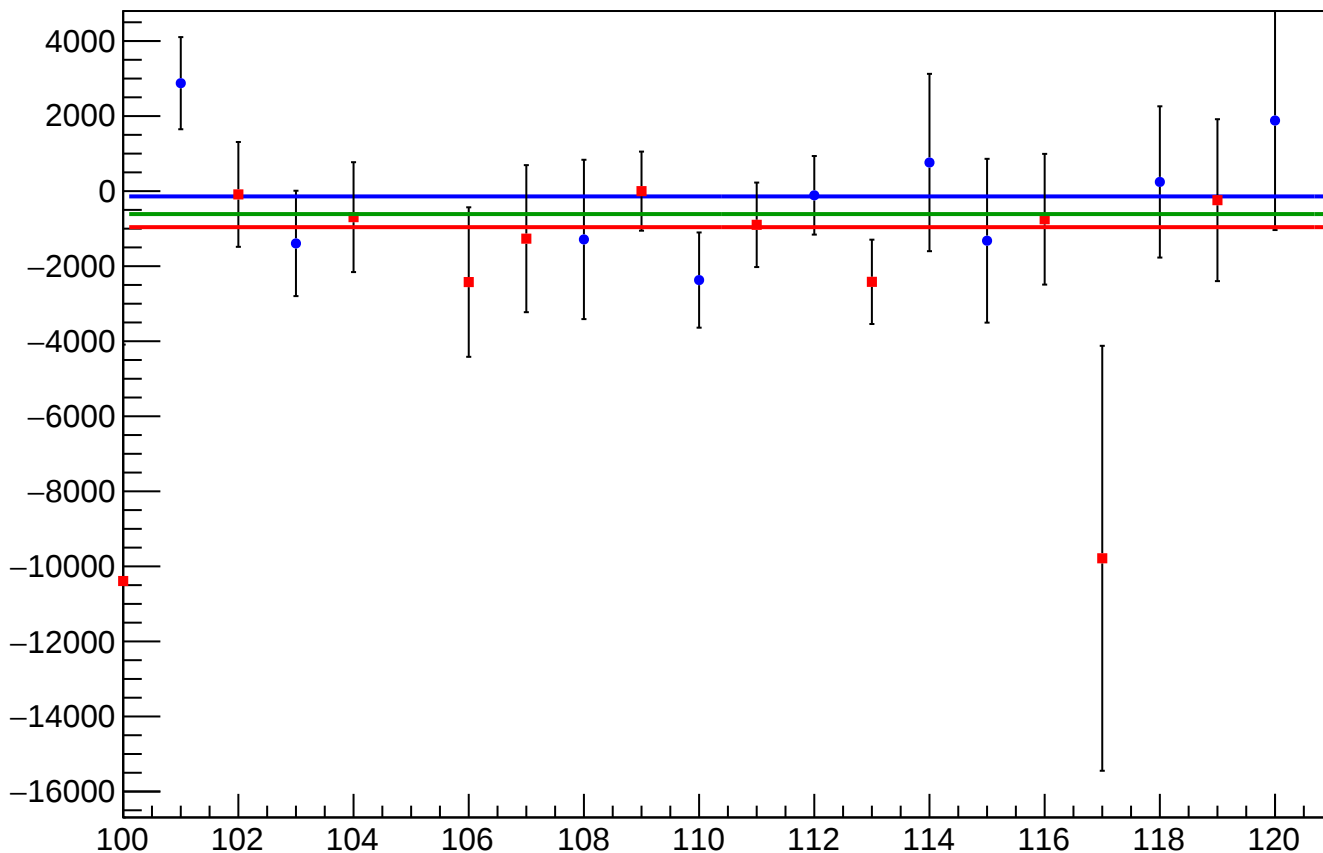
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

922.950+/-0.366 χ^2/NDF : 404877.0/8

912.160+/-0.239 χ^2/NDF : 827397.7/20

904.168+/-0.315 χ^2/NDF : 421011.9/11

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -140.864 +/- 521.383 χ^2/NDF : 11.2/8

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -960.110 +/- 448.831 χ^2/NDF : 8.7/11

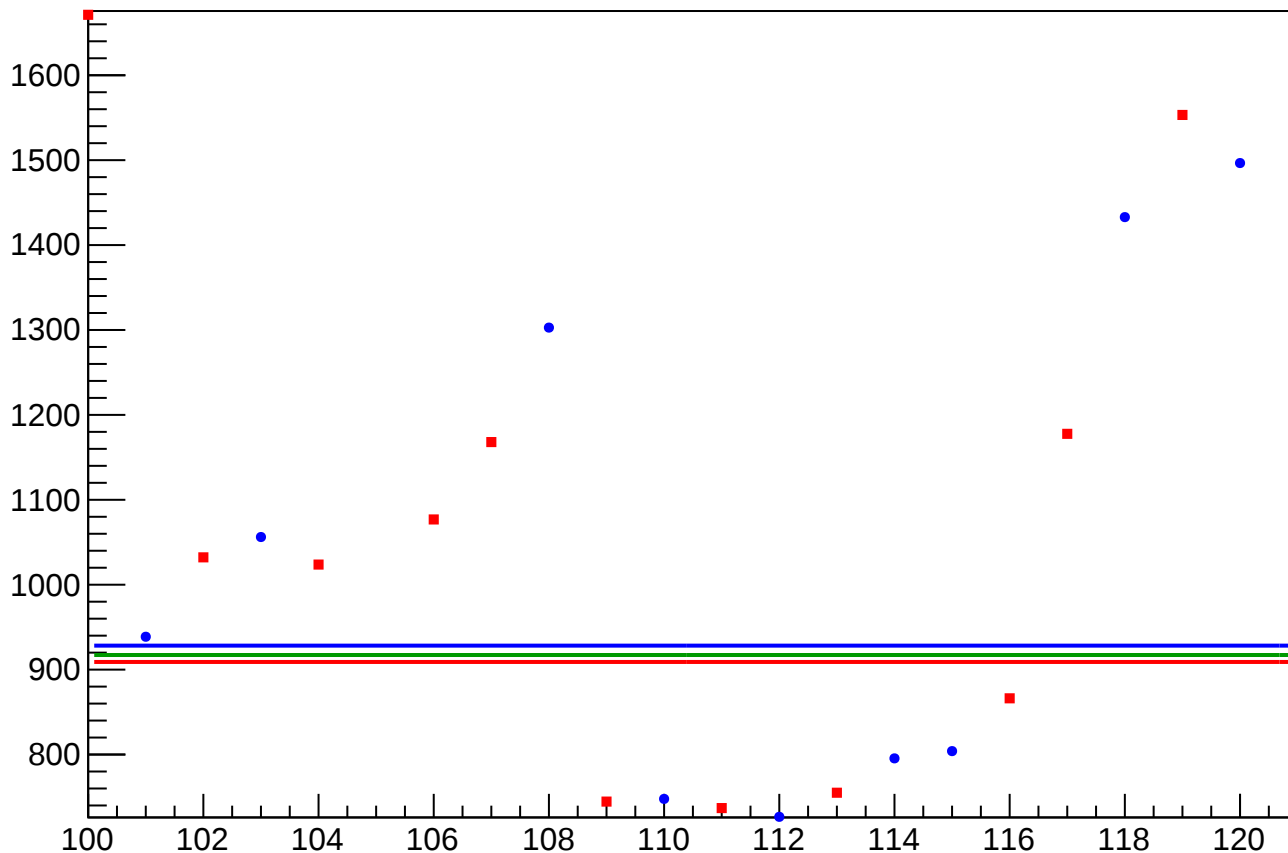
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

-140.864 +/- 521.383 χ^2/NDF : 11.2/8

-611.409 +/- 340.154 χ^2/NDF : 21.3/20

-960.110 +/- 448.831 χ^2/NDF : 8.7/11

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 928.253+/-0.369 χ^2/NDF : 407680.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 909.024+/-0.317 χ^2/NDF : 427191.2/11

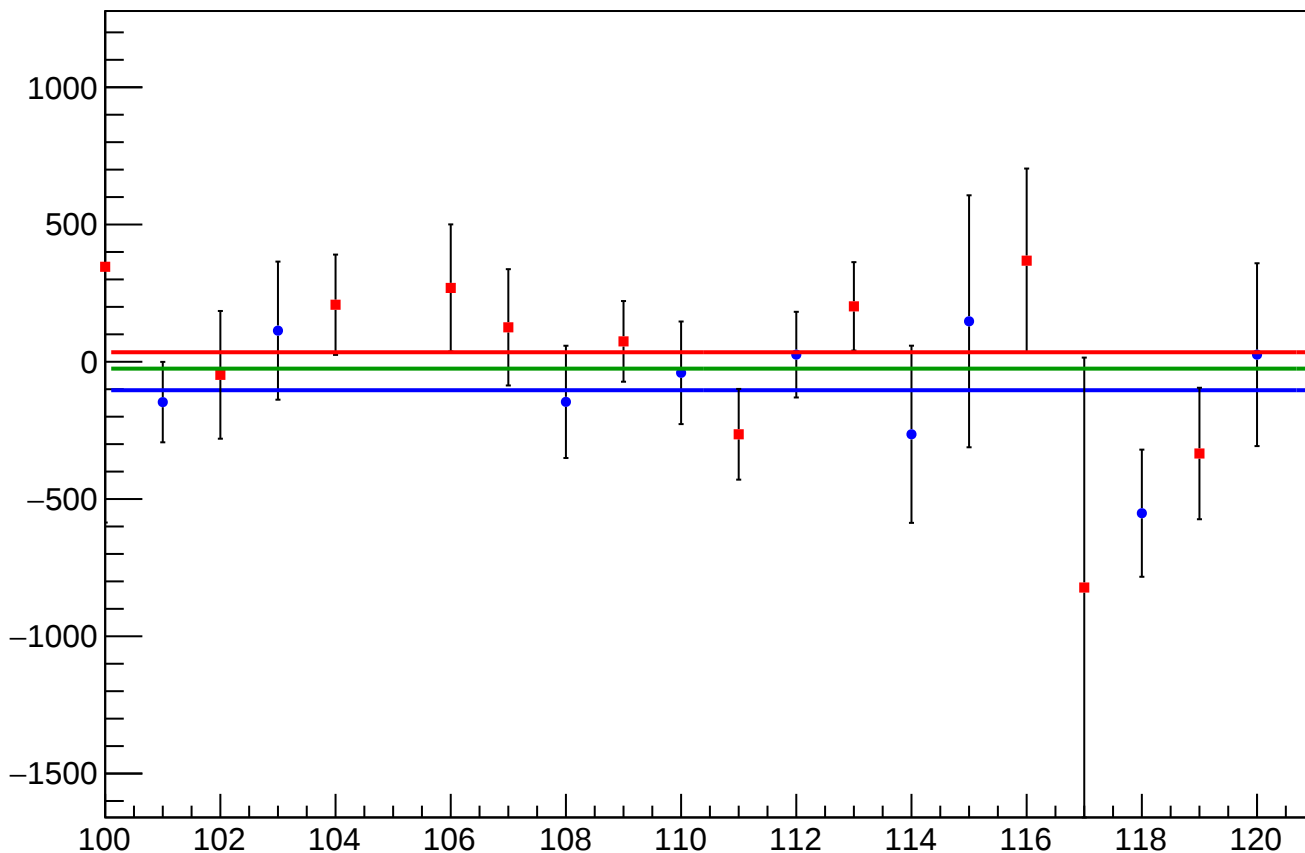
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

928.253+/-0.369 χ^2/NDF : 407680.9/8

917.208+/-0.241 χ^2/NDF : 836434.7/20

909.024+/-0.317 χ^2/NDF : 427191.2/11

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -103.599 ± 71.062 χ^2/NDF : 6.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 34.724 ± 61.928 χ^2/NDF : 11.6/11

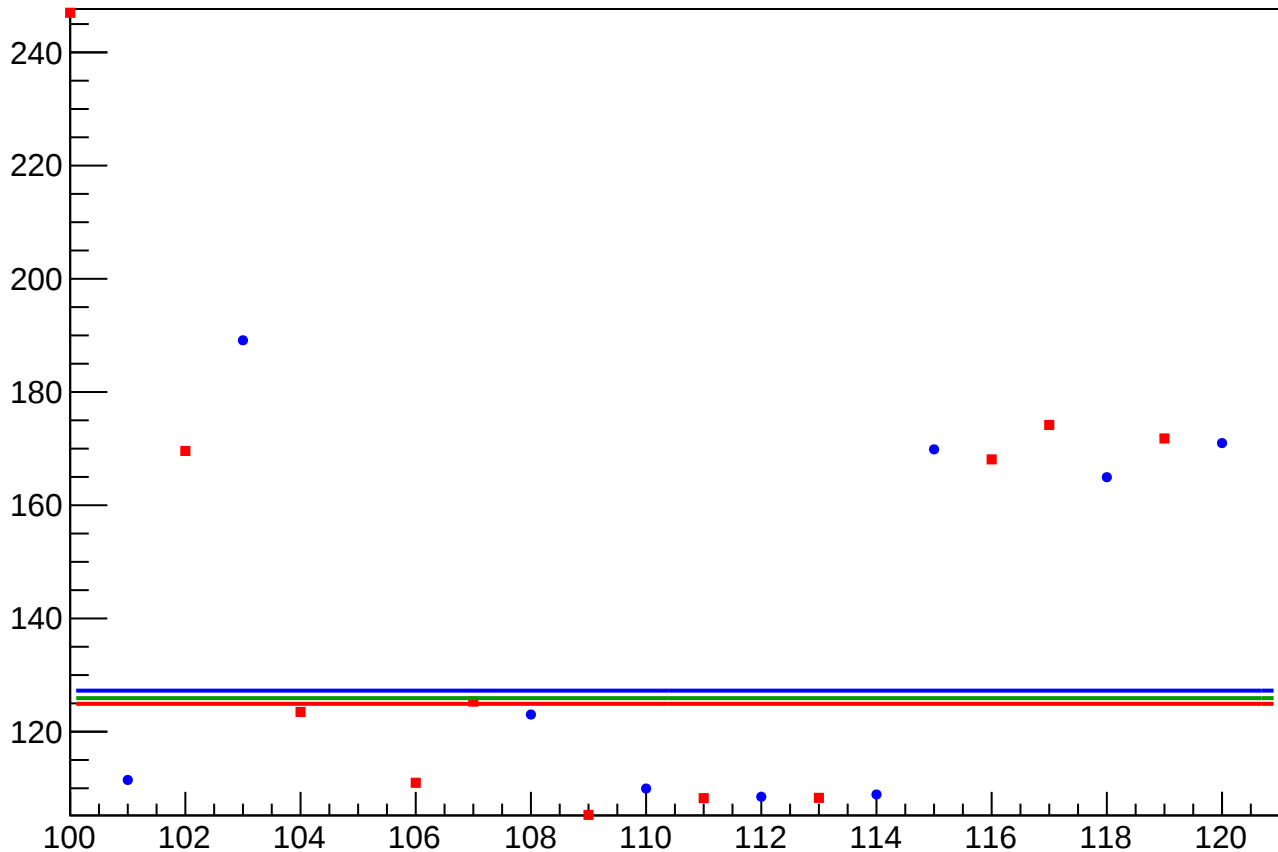
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-103.599 ± 71.062 χ^2/NDF : 6.1/8

-24.982 ± 46.687 χ^2/NDF : 19.9/20

34.724 ± 61.928 χ^2/NDF : 11.6/11

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 127.250+/-0.050 χ^2/NDF : 302343.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.919+/-0.044 χ^2/NDF : 313820.3/11

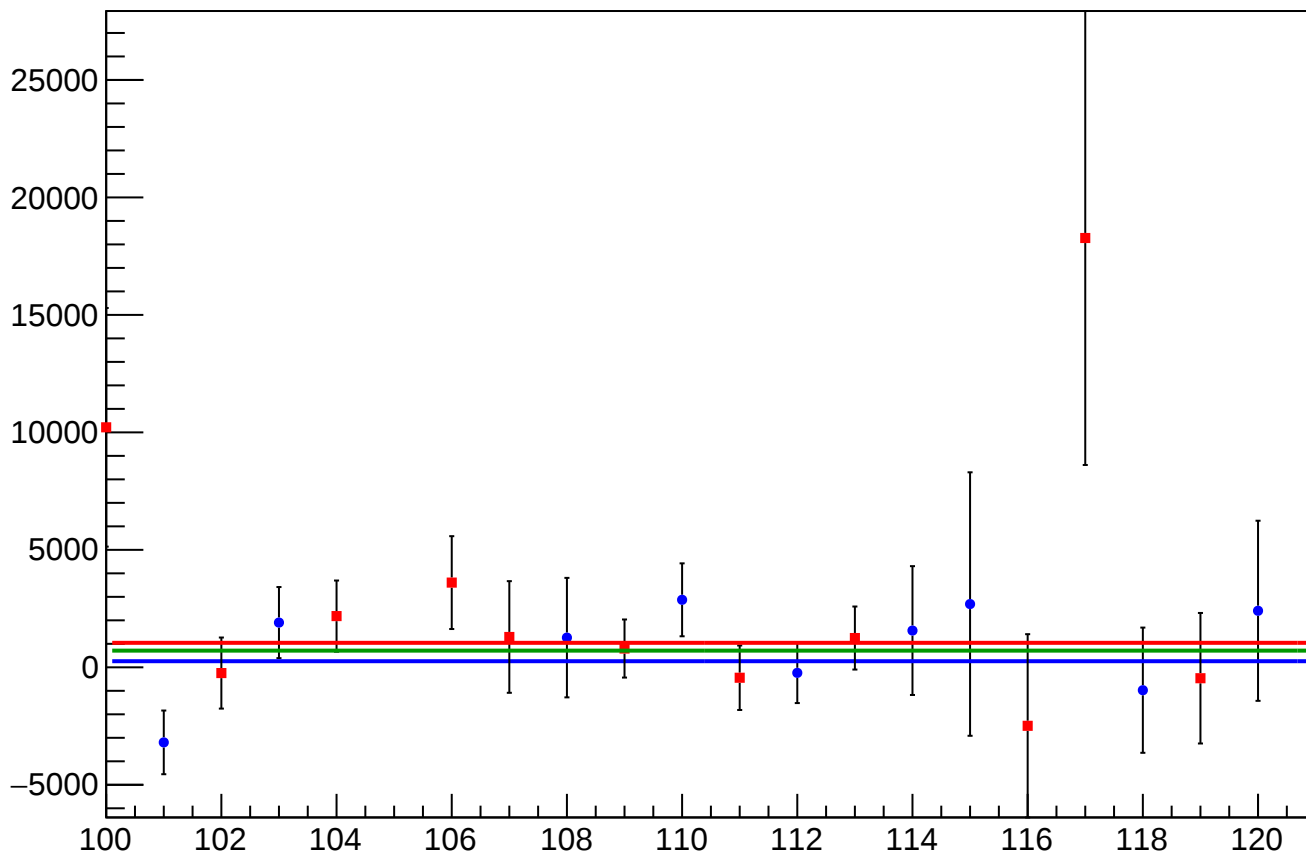
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

127.250+/-0.050 χ^2/NDF : 302343.1/8

125.926+/-0.033 χ^2/NDF : 617386.6/20

124.919+/-0.044 χ^2/NDF : 313820.3/11

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: 260.502+/-628.674 χ^2/NDF : 11.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1042.872+/-540.177 χ^2/NDF : 11.8/11

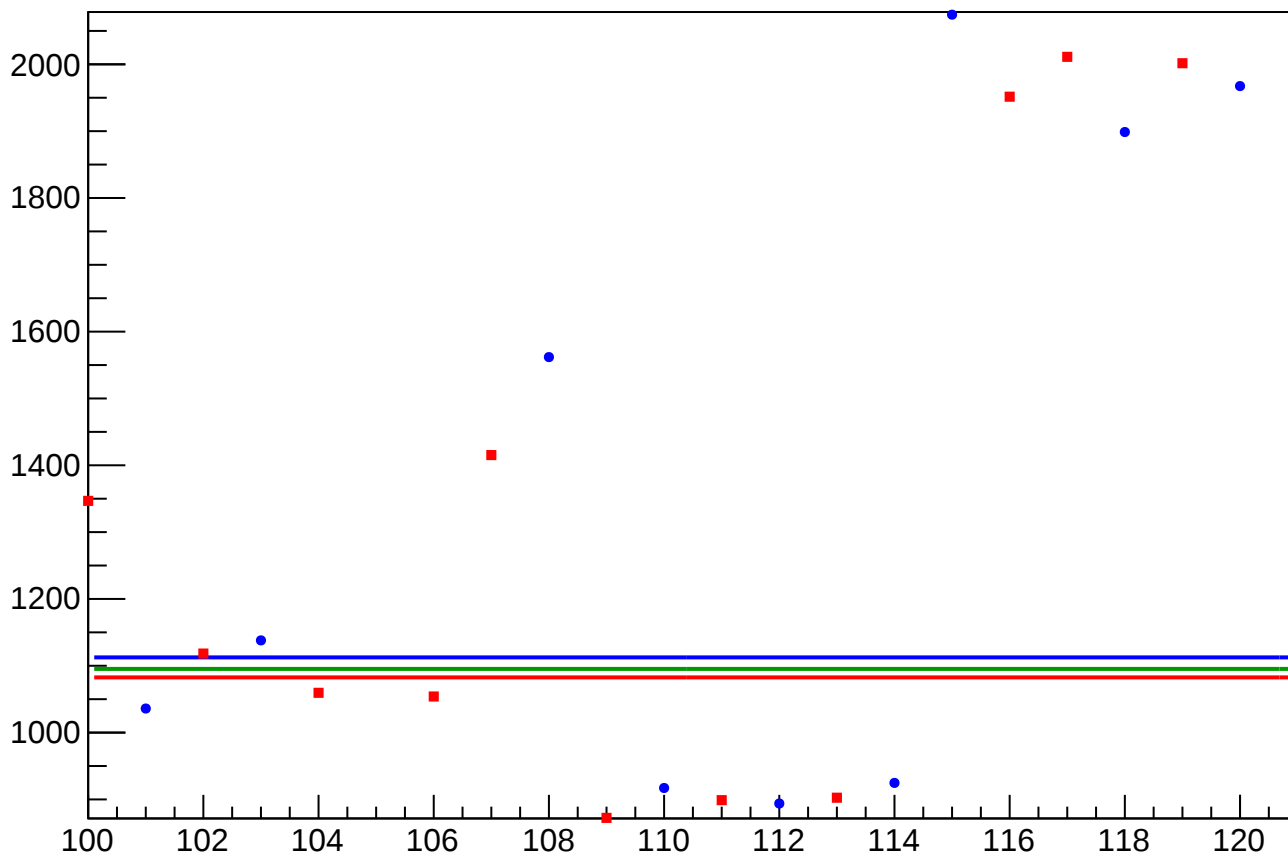
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

260.502+/-628.674 χ^2/NDF : 11.8/8

710.585+/-409.710 χ^2/NDF : 24.5/20

1042.872+/-540.177 χ^2/NDF : 11.8/11

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1112.541 $\pm$ 0.445 χ^2 /NDF: 500790.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1082.586 $\pm$ 0.382 χ^2 /NDF: 612149.1/11

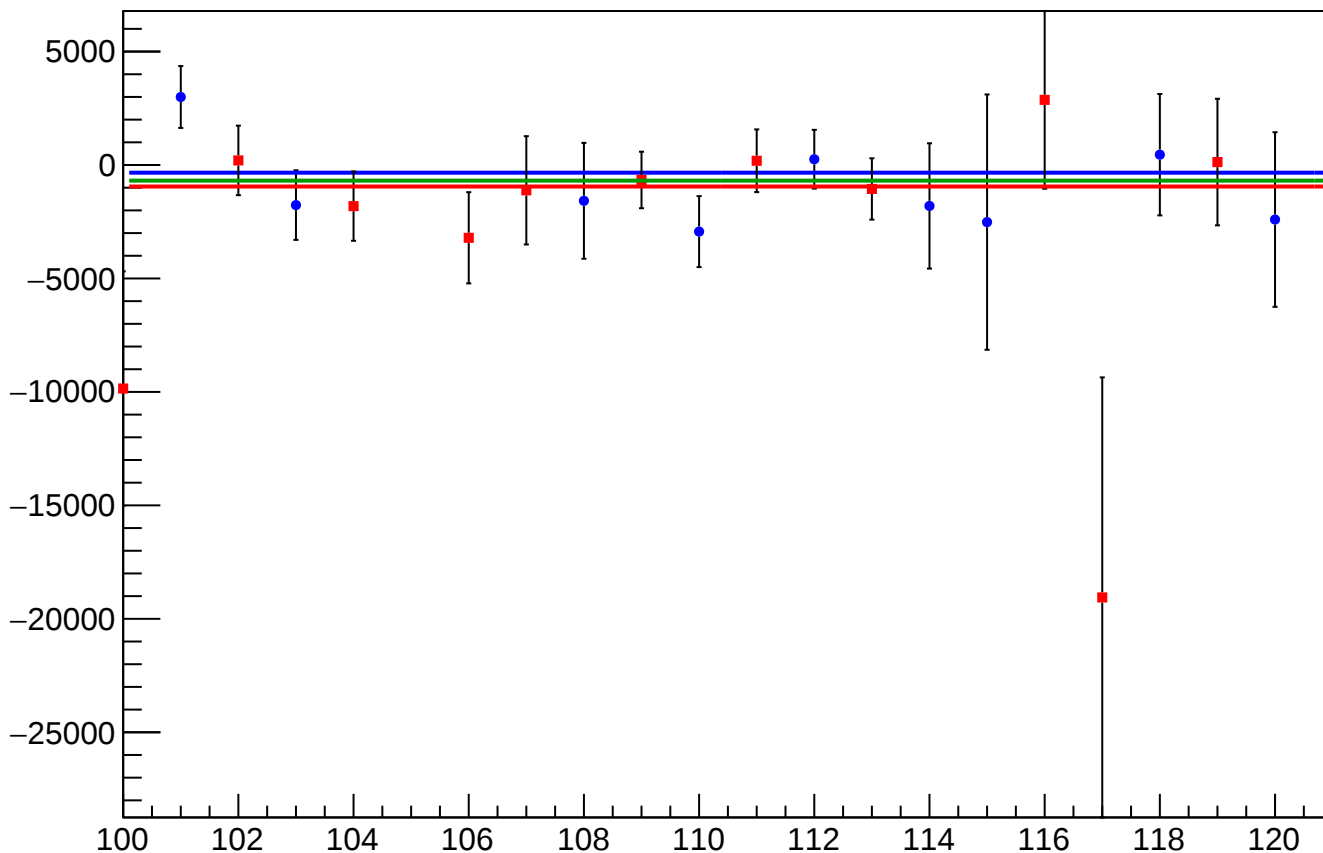
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1112.541 $\pm$ 0.445 χ^2 /NDF: 500790.7/8

1095.309 $\pm$ 0.290 χ^2 /NDF: 1115551.9/20

1082.586 $\pm$ 0.382 χ^2 /NDF: 612149.1/11

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -338.143+/-633.486 χ^2/NDF : 10.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -947.550+/-544.847 χ^2/NDF : 10.5/11

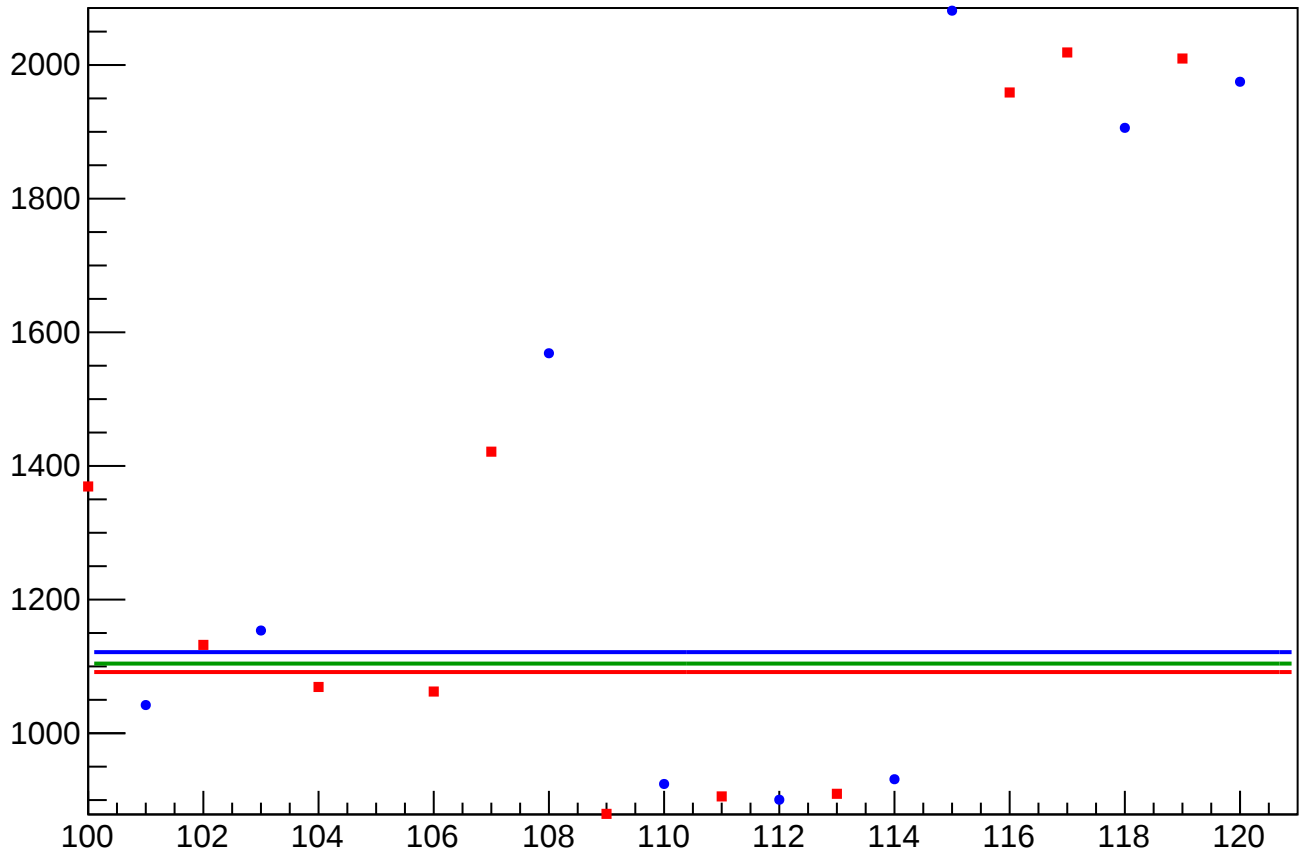
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-338.143+/-633.486 χ^2/NDF : 10.9/8

-688.431+/-413.079 χ^2/NDF : 21.9/20

-947.550+/-544.847 χ^2/NDF : 10.5/11

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1121.382 $\pm$ 0.448 χ^2 /NDF: 497243.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1091.567 $\pm$ 0.385 χ^2 /NDF: 607490.8/11

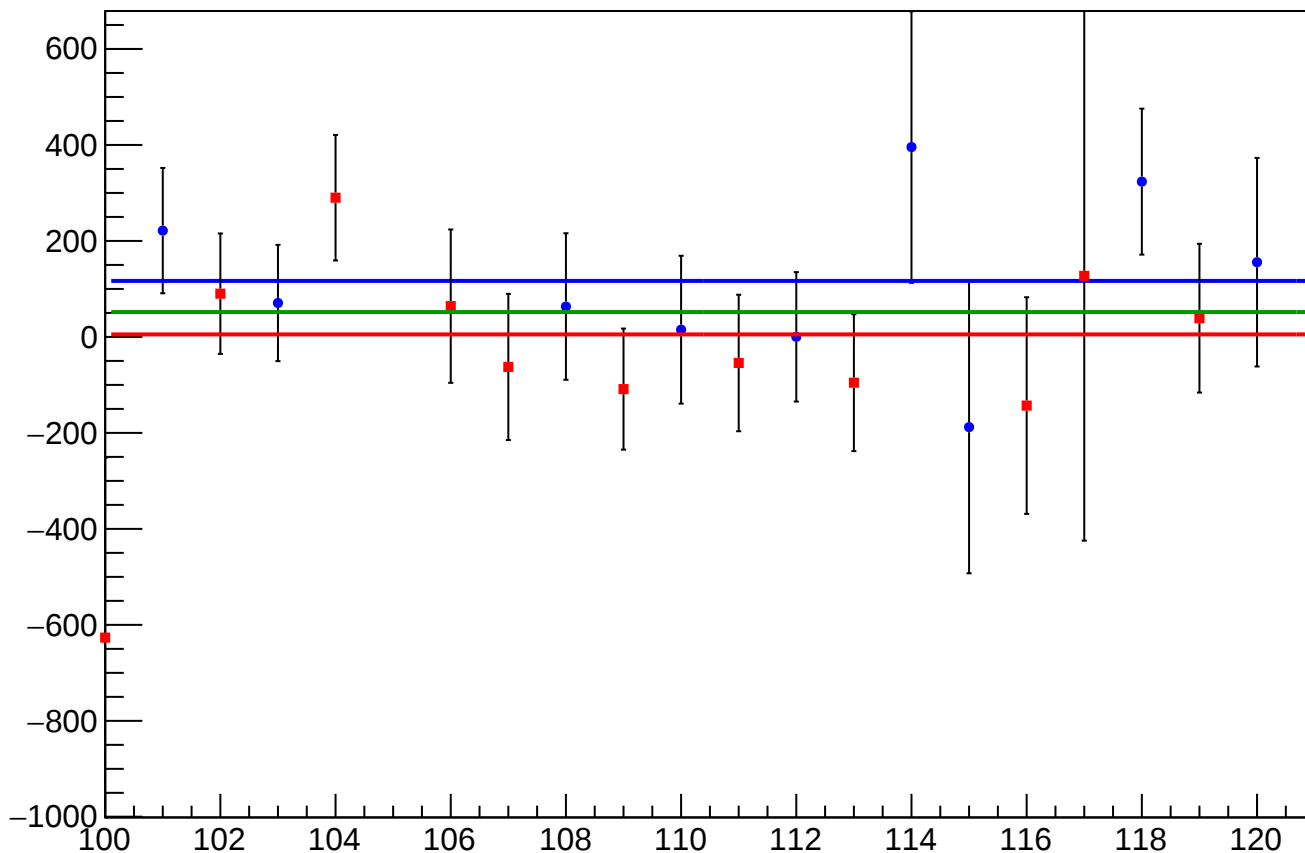
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1121.382 $\pm$ 0.448 χ^2 /NDF: 497243.0/8

1104.244 $\pm$ 0.292 χ^2 /NDF: 1107280.4/20

1091.567 $\pm$ 0.385 χ^2 /NDF: 607490.8/11

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 116.707+/-53.109 χ^2/NDF : 5.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.275+/-44.948 χ^2/NDF : 10.4/11

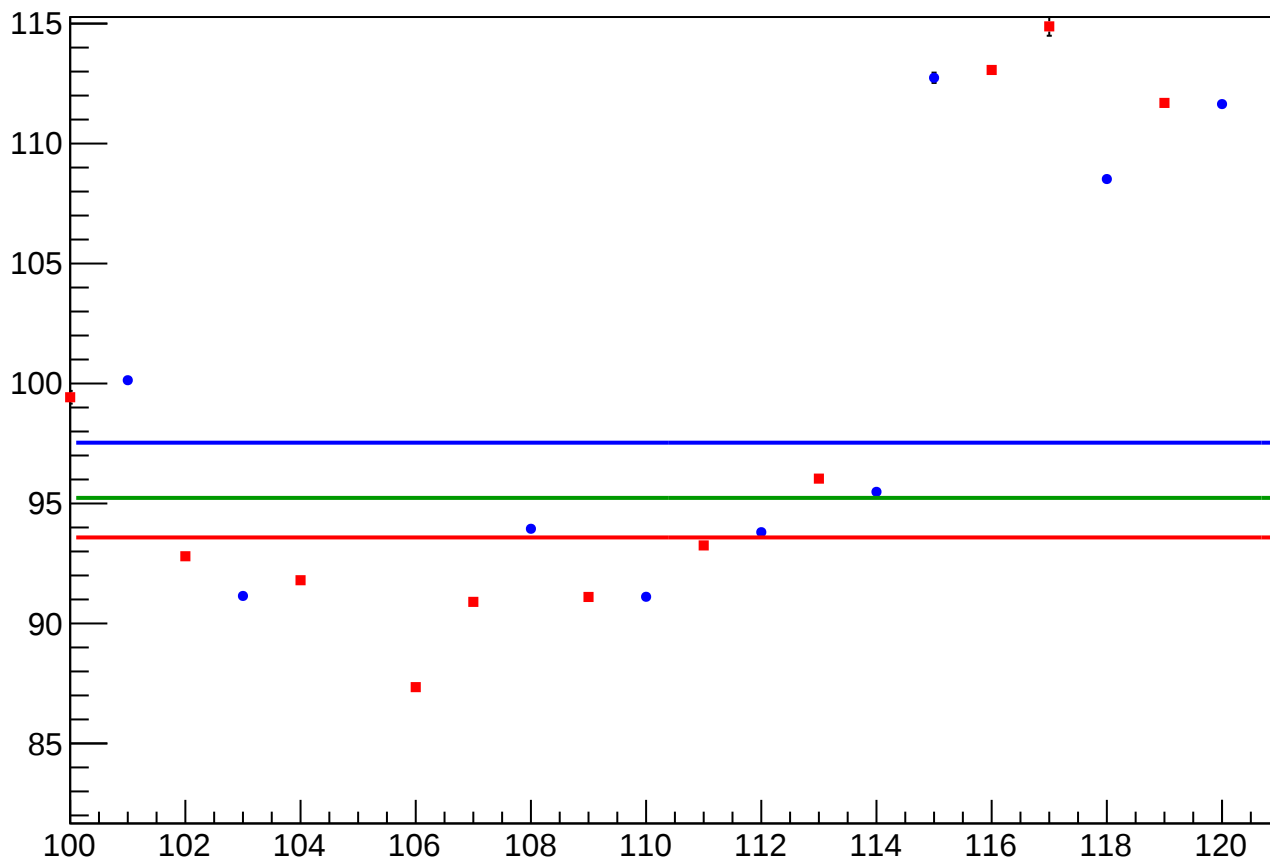
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

116.707+/-53.109 χ^2/NDF : 5.9/8

51.780+/-34.310 χ^2/NDF : 18.9/20

5.275+/-44.948 χ^2/NDF : 10.4/11

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 97.534+/-0.038 χ^2/NDF : 36428.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.585+/-0.032 χ^2/NDF : 67292.5/11

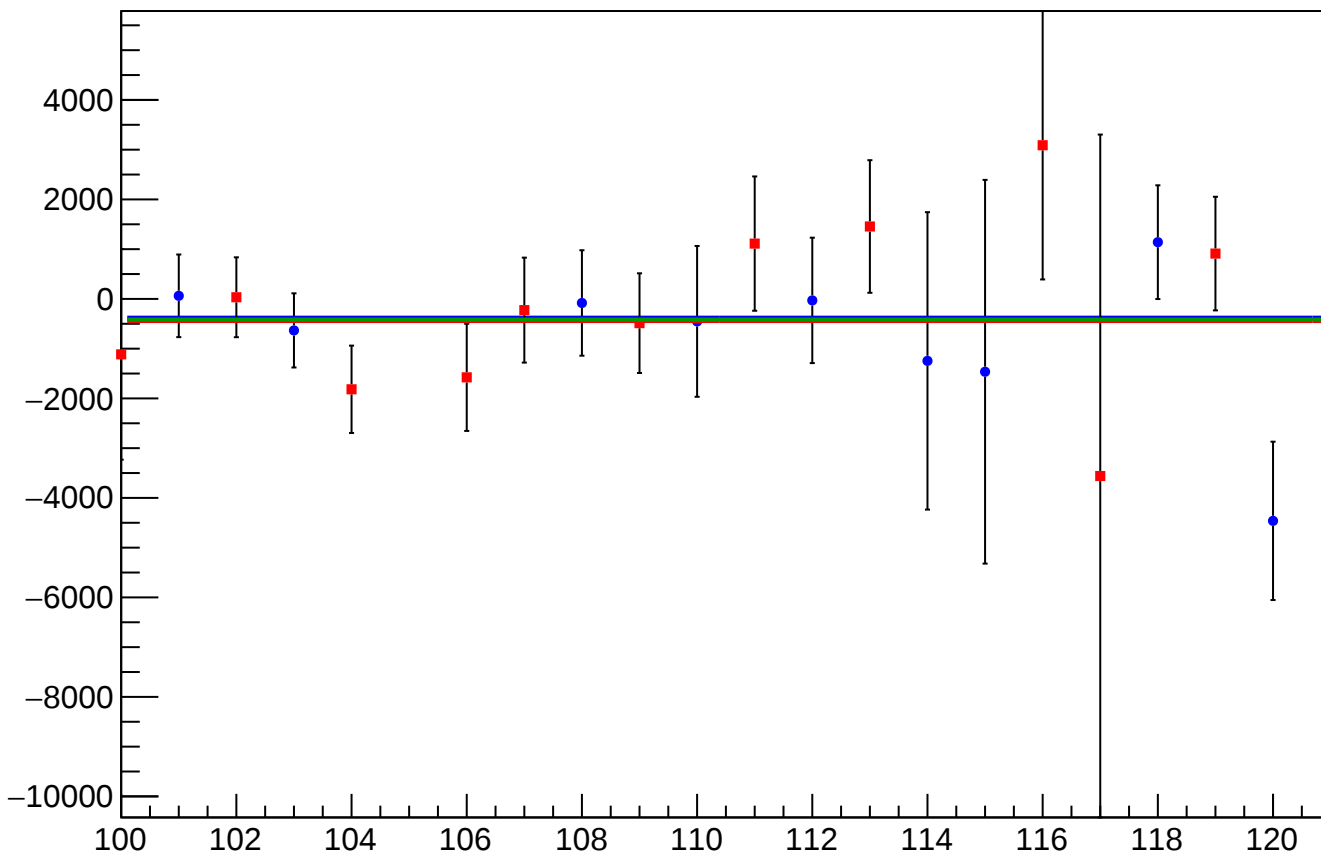
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

97.534+/-0.038 χ^2/NDF : 36428.8/8

95.233+/-0.024 χ^2/NDF : 110165.1/20

93.585+/-0.032 χ^2/NDF : 67292.5/11

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -376.465+/-390.905 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -444.709+/-337.724 χ^2/NDF : 12.8/11

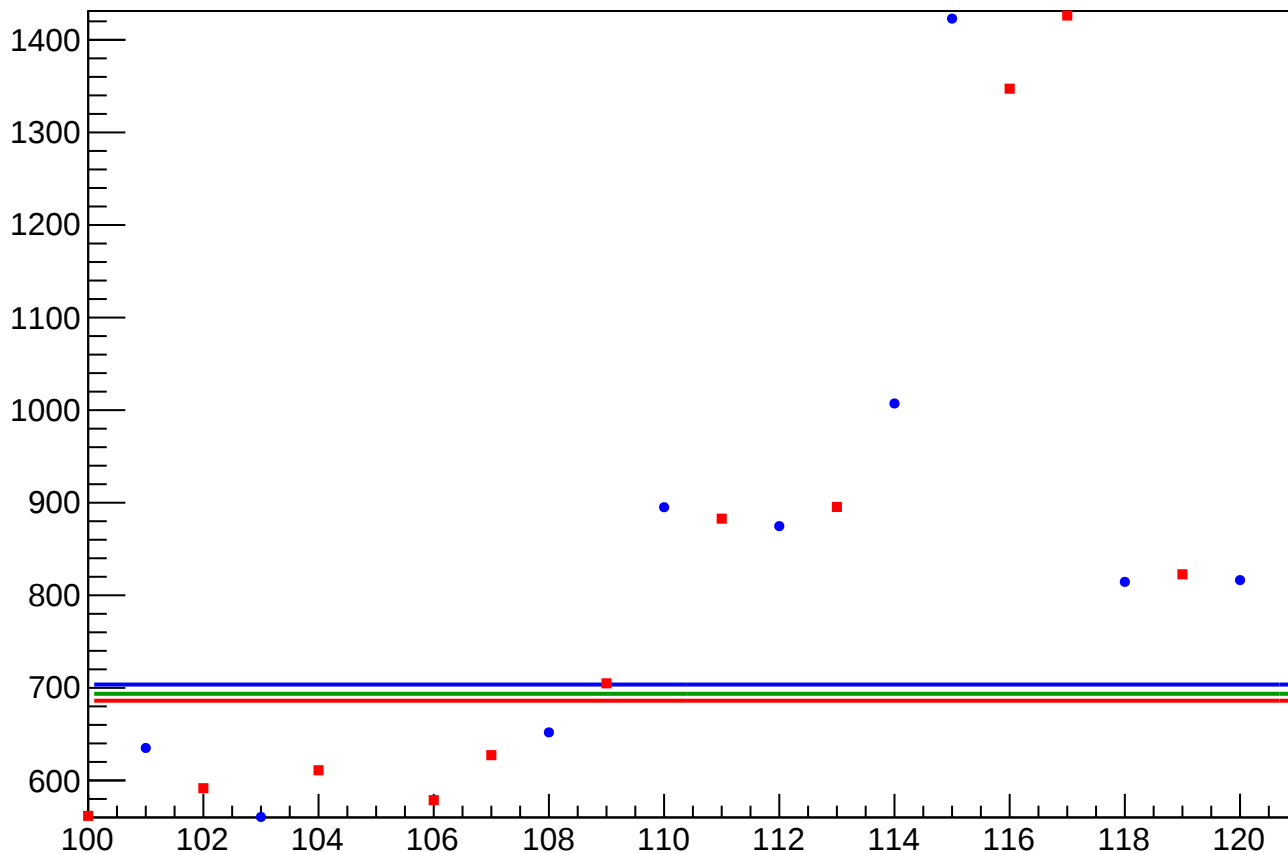
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-376.465+/-390.905 χ^2/NDF : 9.1/8

-415.542+/-255.557 χ^2/NDF : 21.9/20

-444.709+/-337.724 χ^2/NDF : 12.8/11

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 703.594+/-0.276 χ^2/NDF : 279936.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 686.139+/-0.239 χ^2/NDF : 343073.8/11

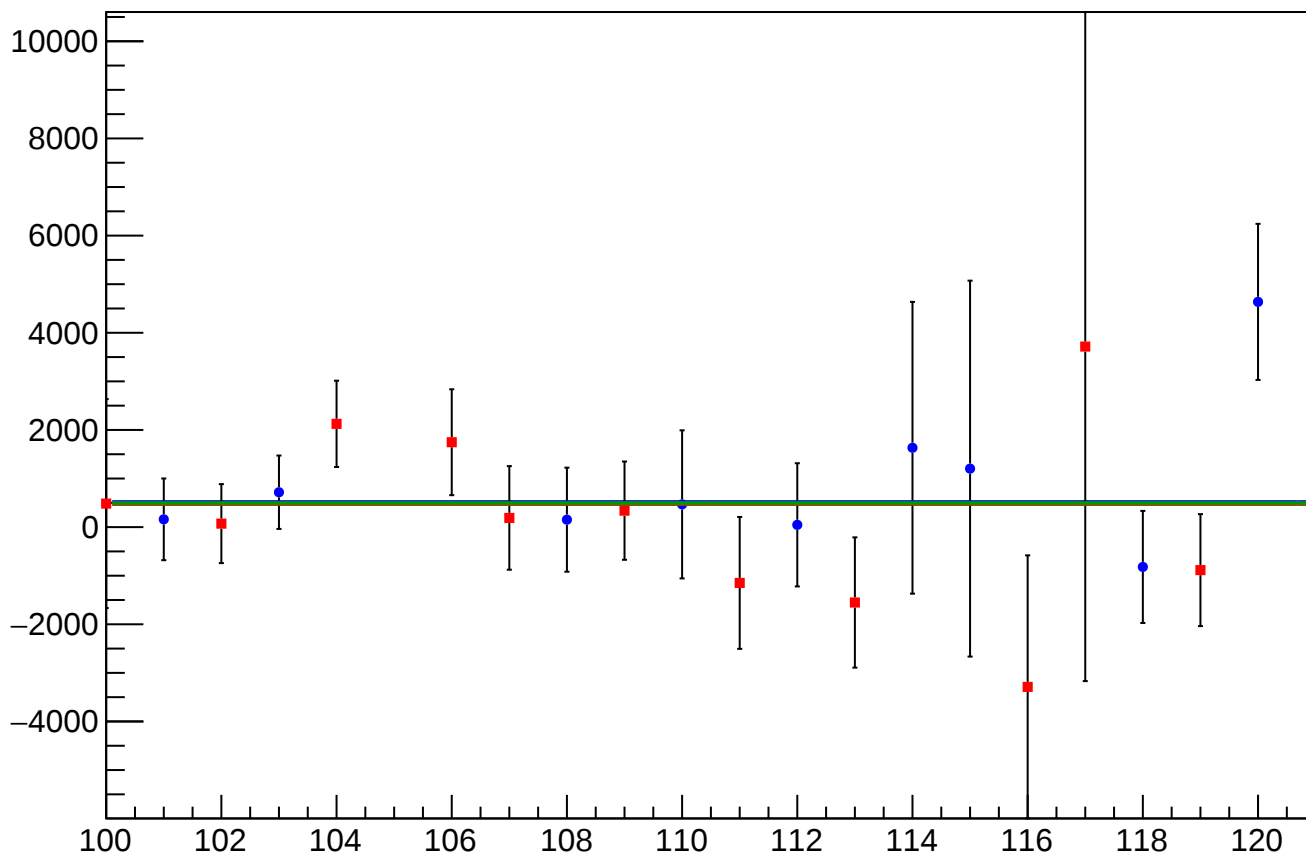
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

703.594+/-0.276 χ^2/NDF : 279936.9/8

693.599+/-0.181 χ^2/NDF : 625293.9/20

686.139+/-0.239 χ^2/NDF : 343073.8/11

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 513.622+/-394.986 χ^2/NDF : 8.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 477.385+/-341.137 χ^2/NDF : 14.4/11

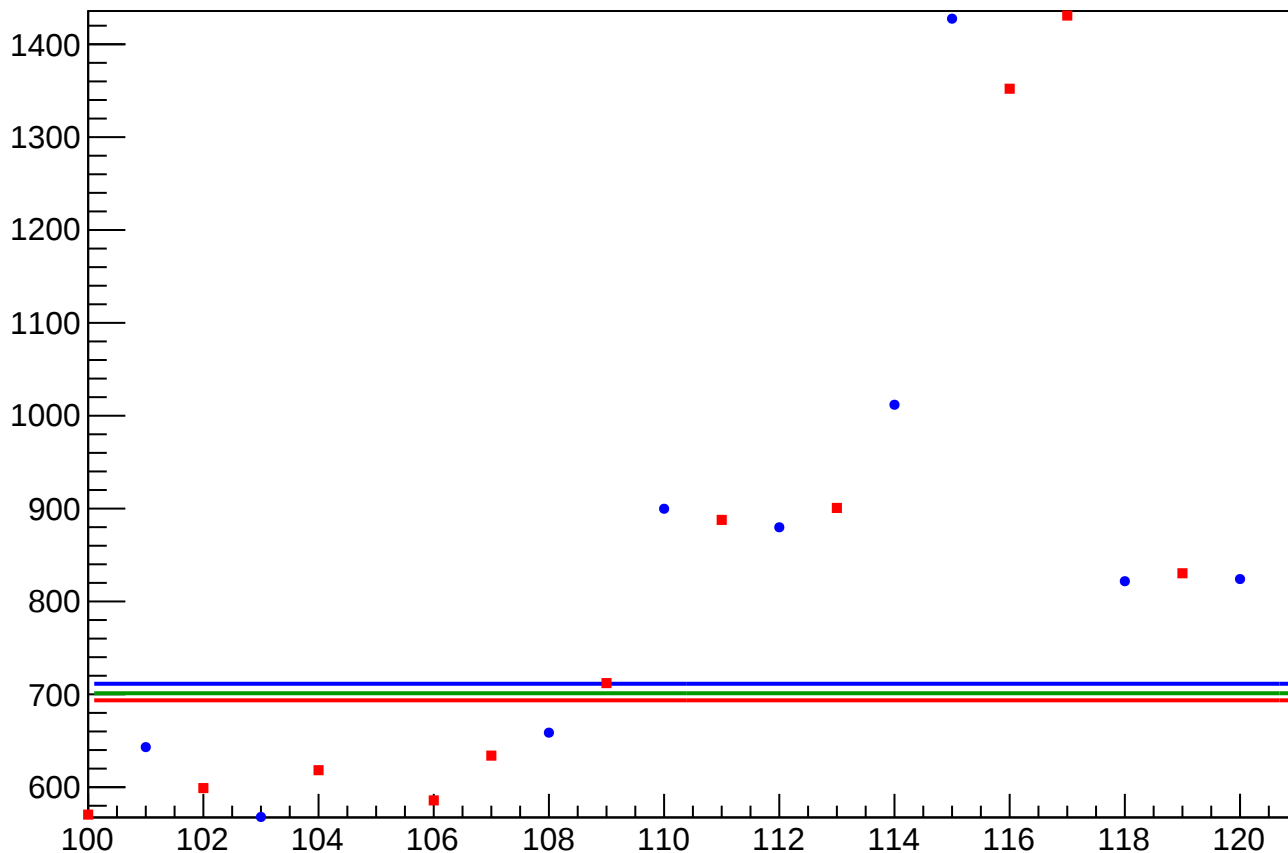
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

513.622+/-394.986 χ^2/NDF : 8.6/8

492.867+/-258.176 χ^2/NDF : 23.0/20

477.385+/-341.137 χ^2/NDF : 14.4/11

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 711.370+/-0.279 χ^2/NDF : 272824.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 693.538+/-0.241 χ^2/NDF : 336030.9/11

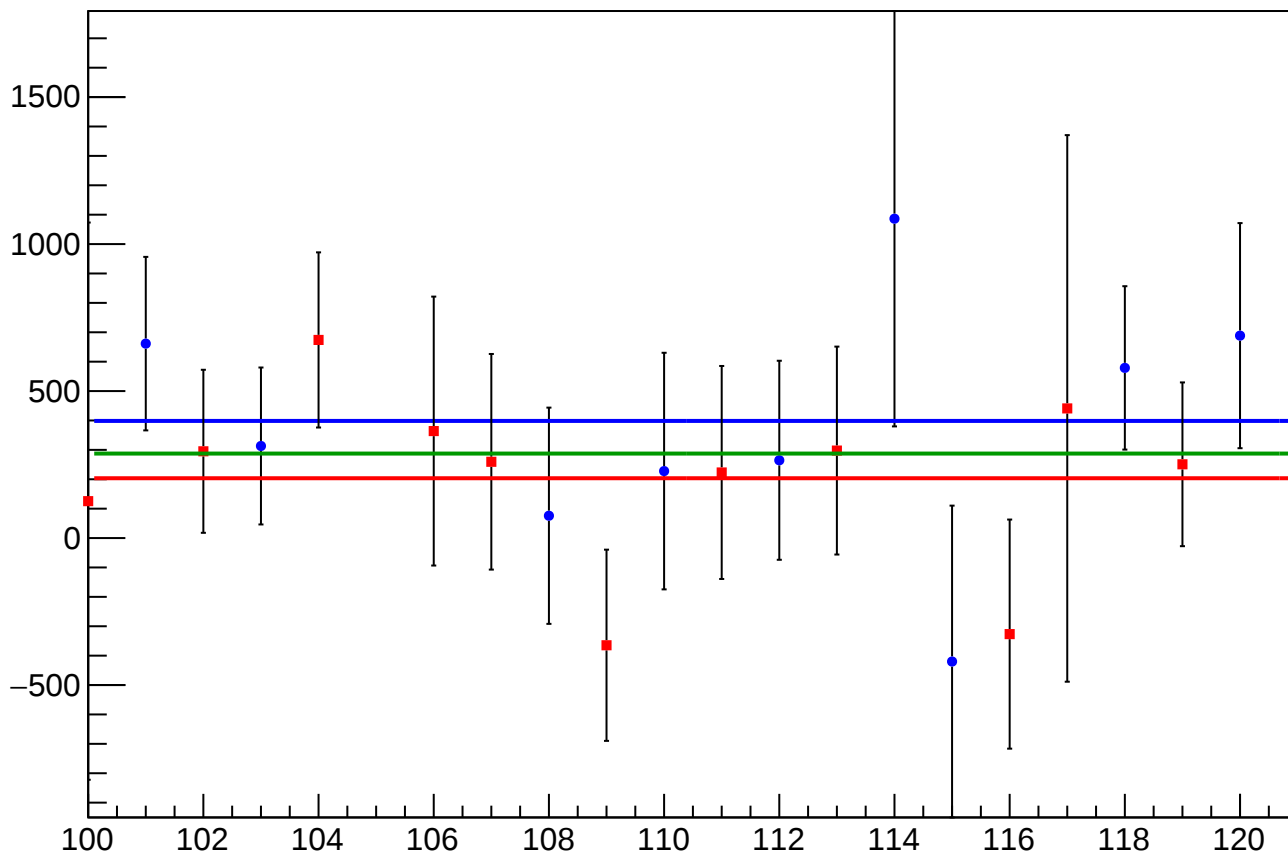
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

711.370+/-0.279 χ^2/NDF : 272824.1/8

701.156+/-0.183 χ^2/NDF : 611189.9/20

693.538+/-0.241 χ^2/NDF : 336030.9/11

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 398.456+/-116.928 χ^2/NDF : 6.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 203.496+/-101.658 χ^2/NDF : 7.8/11

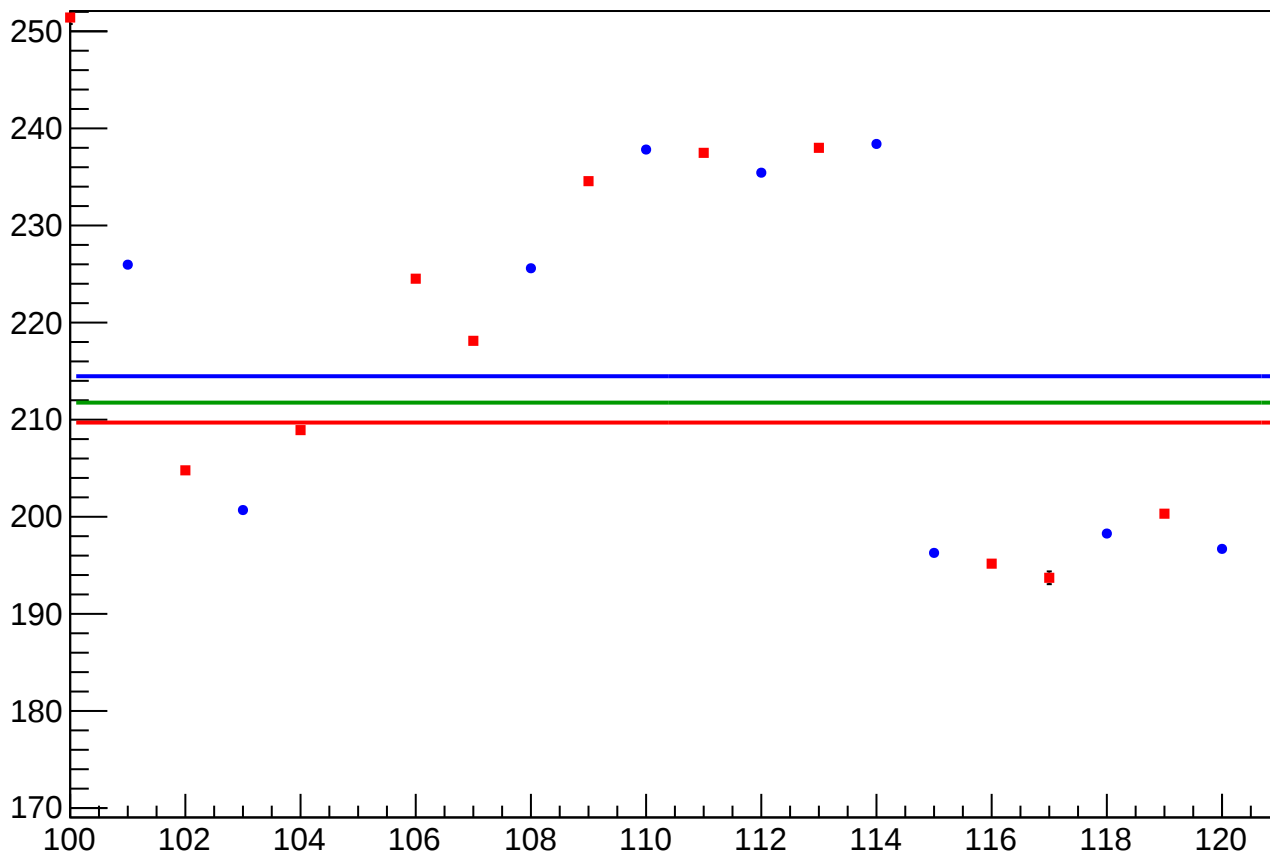
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

398.456+/-116.928 χ^2/NDF : 6.3/8

287.423+/-76.718 χ^2/NDF : 15.8/20

203.496+/-101.658 χ^2/NDF : 7.8/11

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 214.475+/-0.083 χ^2/NDF : 40351.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 209.703+/-0.072 χ^2/NDF : 93677.5/11

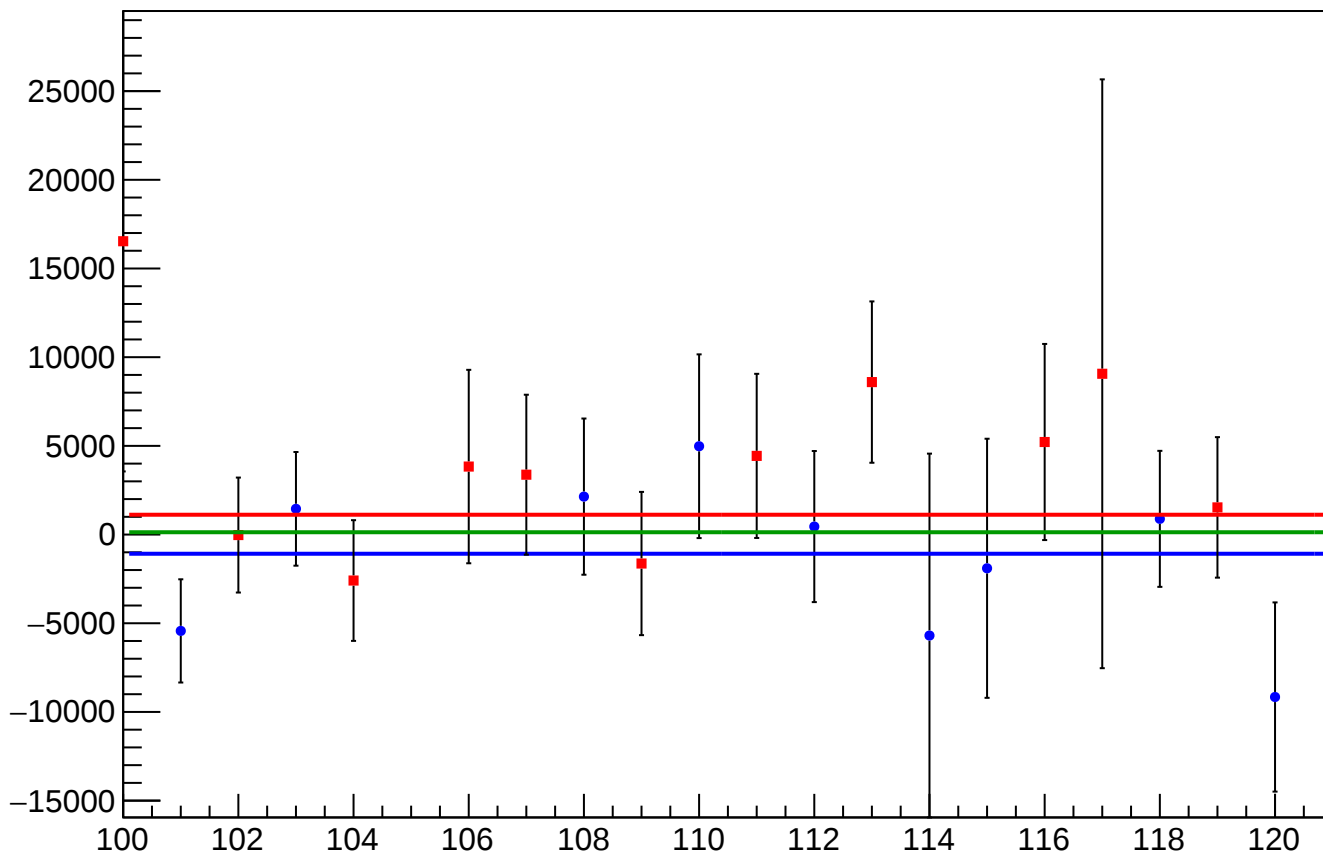
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

214.475+/-0.083 χ^2/NDF : 40351.9/8

211.757+/-0.054 χ^2/NDF : 135926.3/20

209.703+/-0.072 χ^2/NDF : 93677.5/11

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1081.497+/-1427.220 χ^2/NDF : 7.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1117.840+/-1287.348 χ^2/NDF : 9.8/11

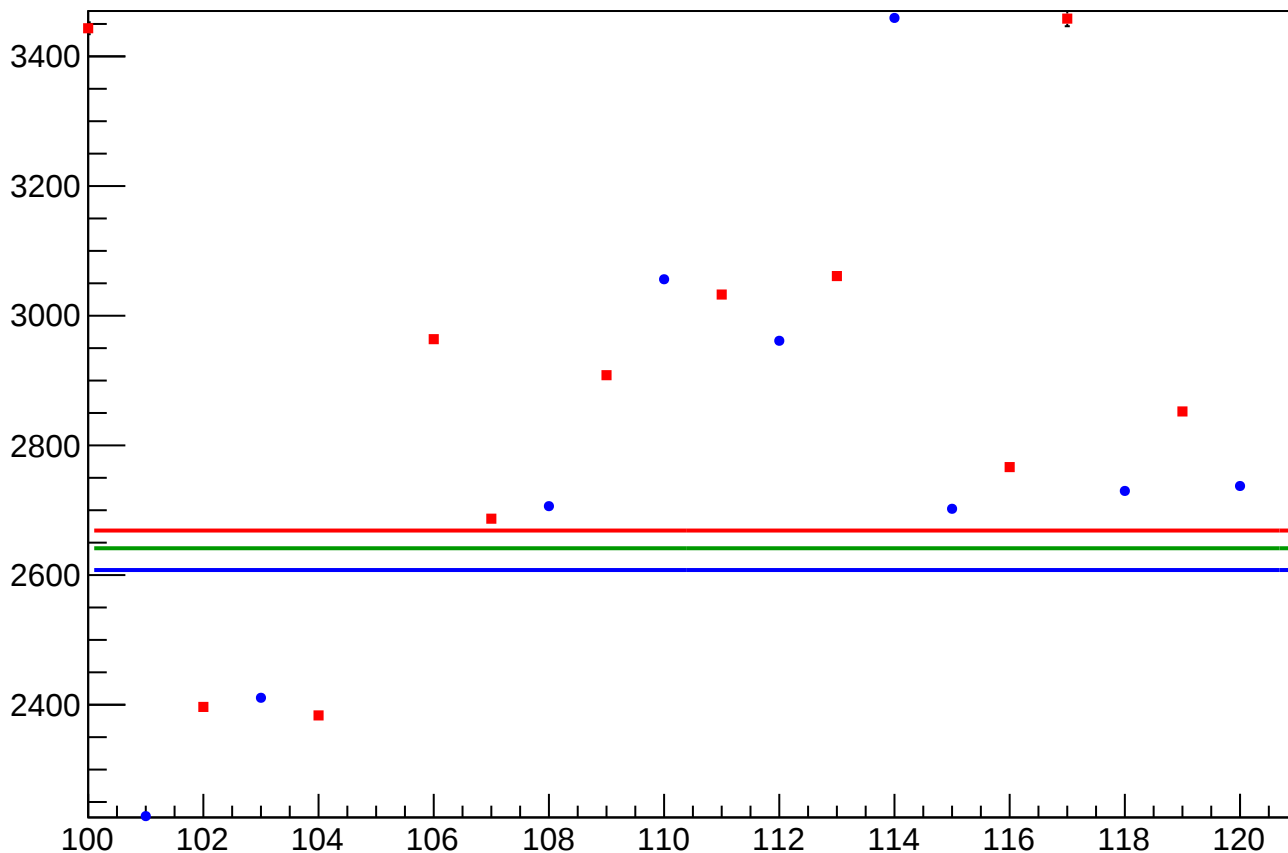
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1081.497+/-1427.220 χ^2/NDF : 7.7/8

131.196+/-955.928 χ^2/NDF : 18.8/20

1117.840+/-1287.348 χ^2/NDF : 9.8/11

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2607.772+/-1.009 χ^2/NDF : 88707.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2668.686+/-0.910 χ^2/NDF : 113968.5/11

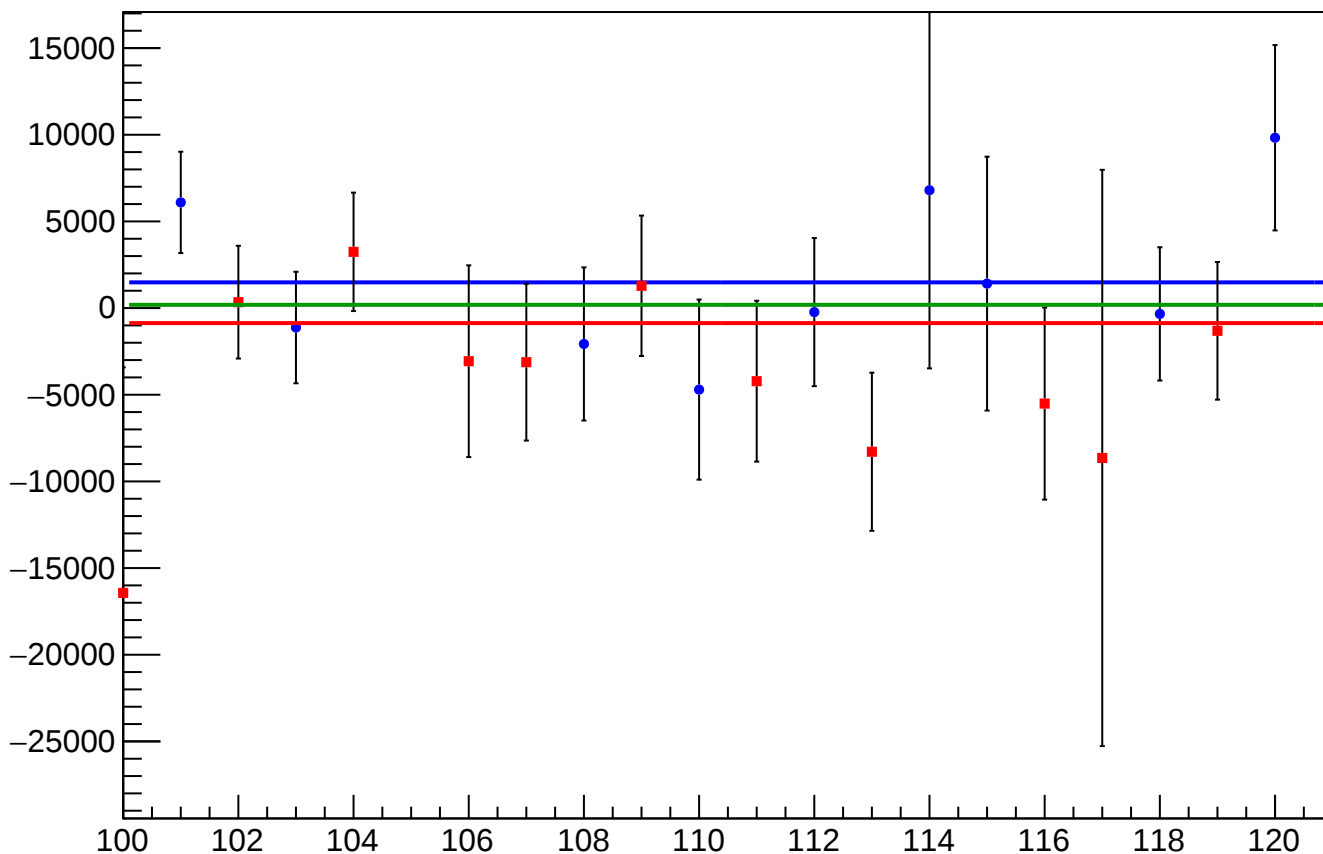
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2607.772+/-1.009 χ^2/NDF : 88707.5/8

2641.359+/-0.676 χ^2/NDF : 204684.8/20

2668.686+/-0.910 χ^2/NDF : 113968.5/11

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1482.854+/-1432.373 χ^2/NDF : 8.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -867.054+/-1292.295 χ^2/NDF : 9.9/11

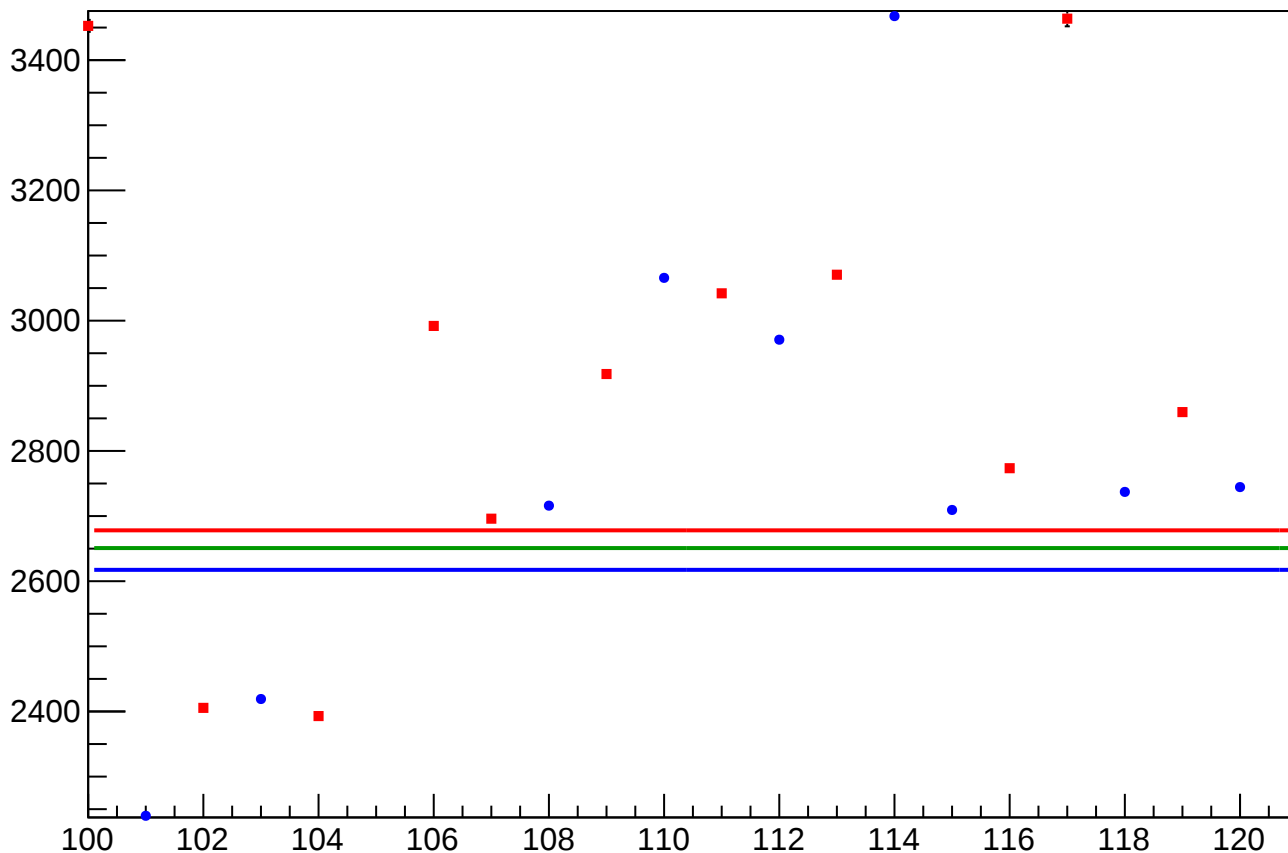
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1482.854+/-1432.373 χ^2/NDF : 8.3/8

187.407+/-959.502 χ^2/NDF : 19.7/20

-867.054+/-1292.295 χ^2/NDF : 9.9/11

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2617.437+/-1.013 χ^2/NDF : 87567.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2678.081+/-0.914 χ^2/NDF : 114123.5/11

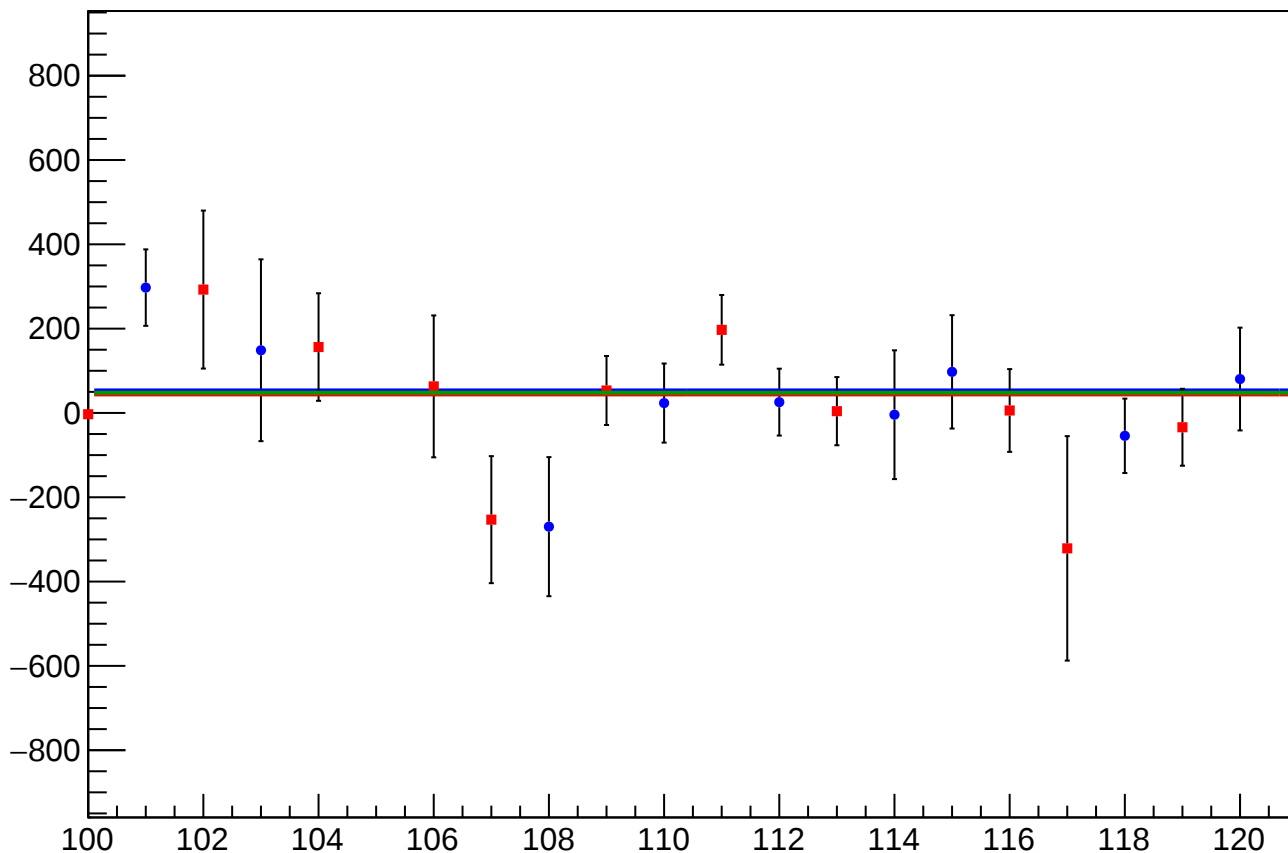
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2617.437+/-1.013 χ^2/NDF : 87567.4/8

2650.869+/-0.678 χ^2/NDF : 203667.2/20

2678.081+/-0.914 χ^2/NDF : 114123.5/11

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 53.369+/-36.606 χ^2/NDF : 13.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.955+/-32.047 χ^2/NDF : 12.9/11

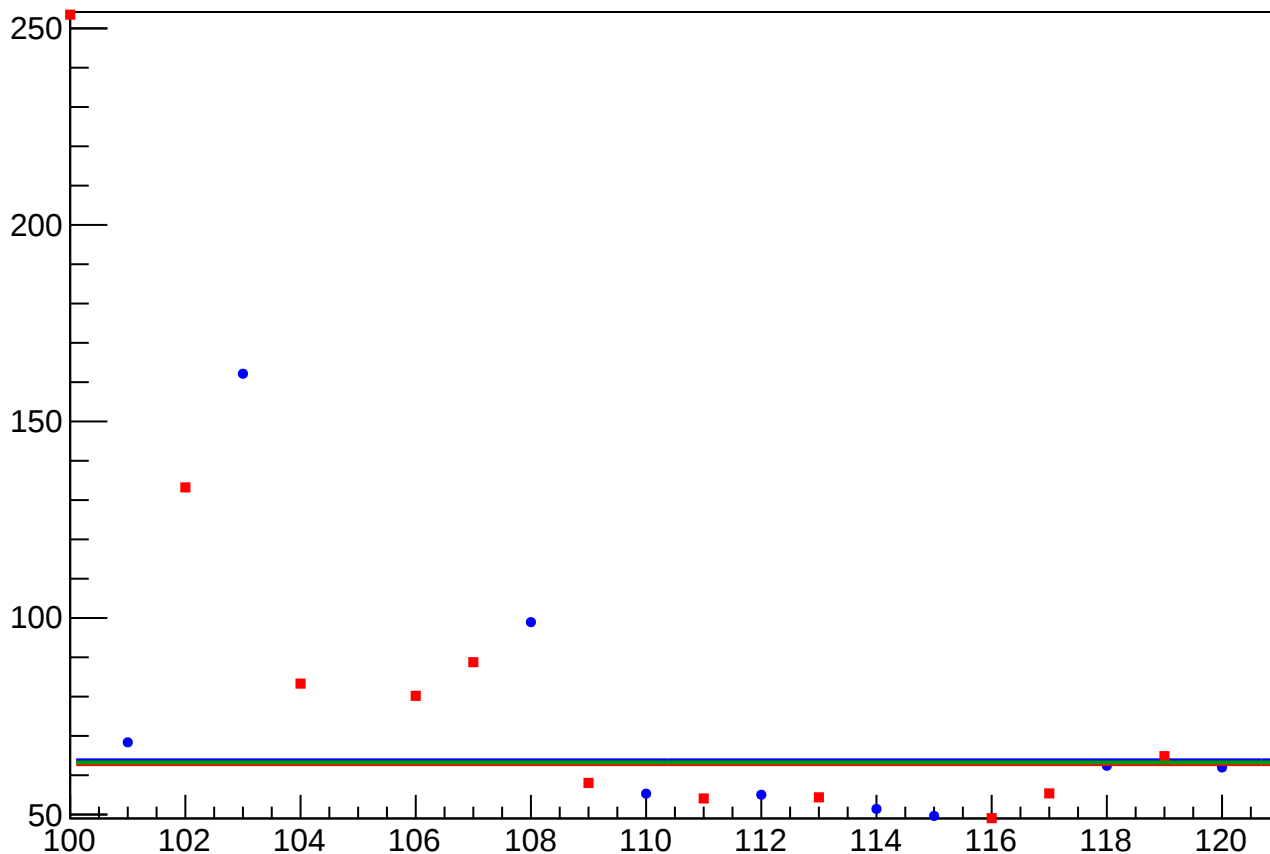
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

53.369+/-36.606 χ^2/NDF : 13.3/8

48.040+/-24.112 χ^2/NDF : 26.2/20

43.955+/-32.047 χ^2/NDF : 12.9/11

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 63.786+/-0.026 χ^2/NDF : 588665.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.826+/-0.023 χ^2/NDF : 594084.3/11

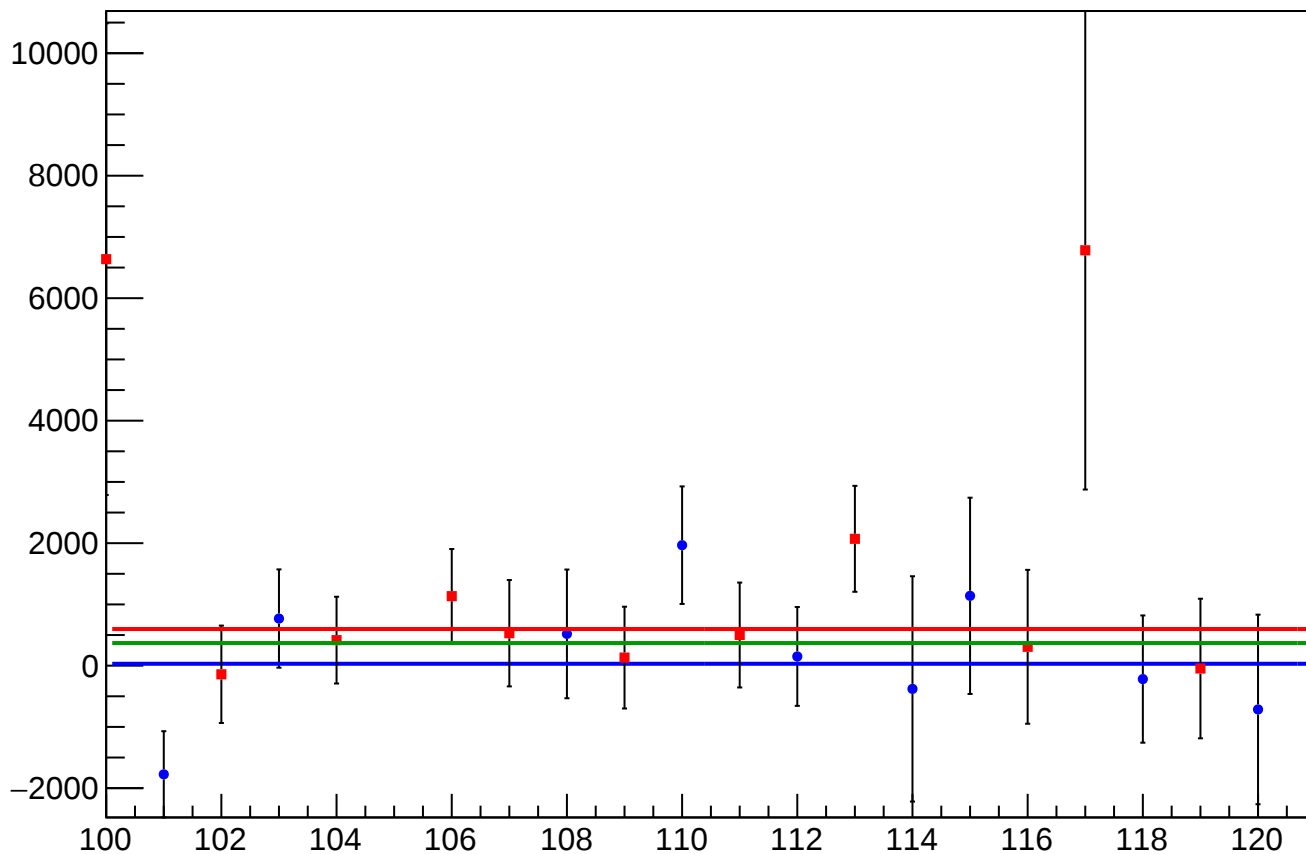
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

63.786+/-0.026 χ^2/NDF : 588665.3/8

63.243+/-0.017 χ^2/NDF : 1183528.7/20

62.826+/-0.023 χ^2/NDF : 594084.3/11

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 30.940+/-331.038 χ^2/NDF : 12.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 598.515+/-272.351 χ^2/NDF : 10.3/11

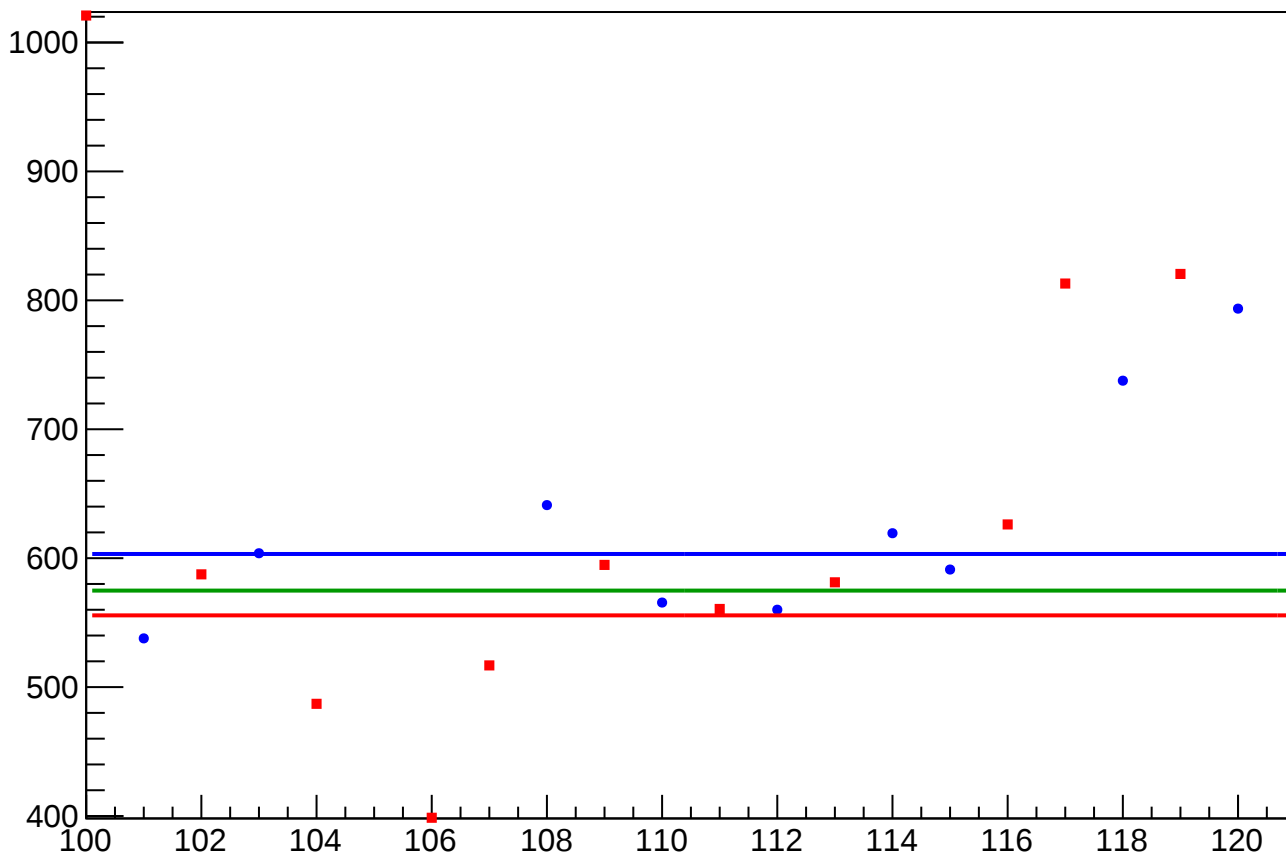
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

30.940+/-331.038 χ^2/NDF : 12.5/8

369.414+/-210.320 χ^2/NDF : 24.6/20

598.515+/-272.351 χ^2/NDF : 10.3/11

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 603.255 ± 0.234 $\chi^2/\text{NDF}: 92707.9/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 555.638 ± 0.193 $\chi^2/\text{NDF}: 267798.6/11$

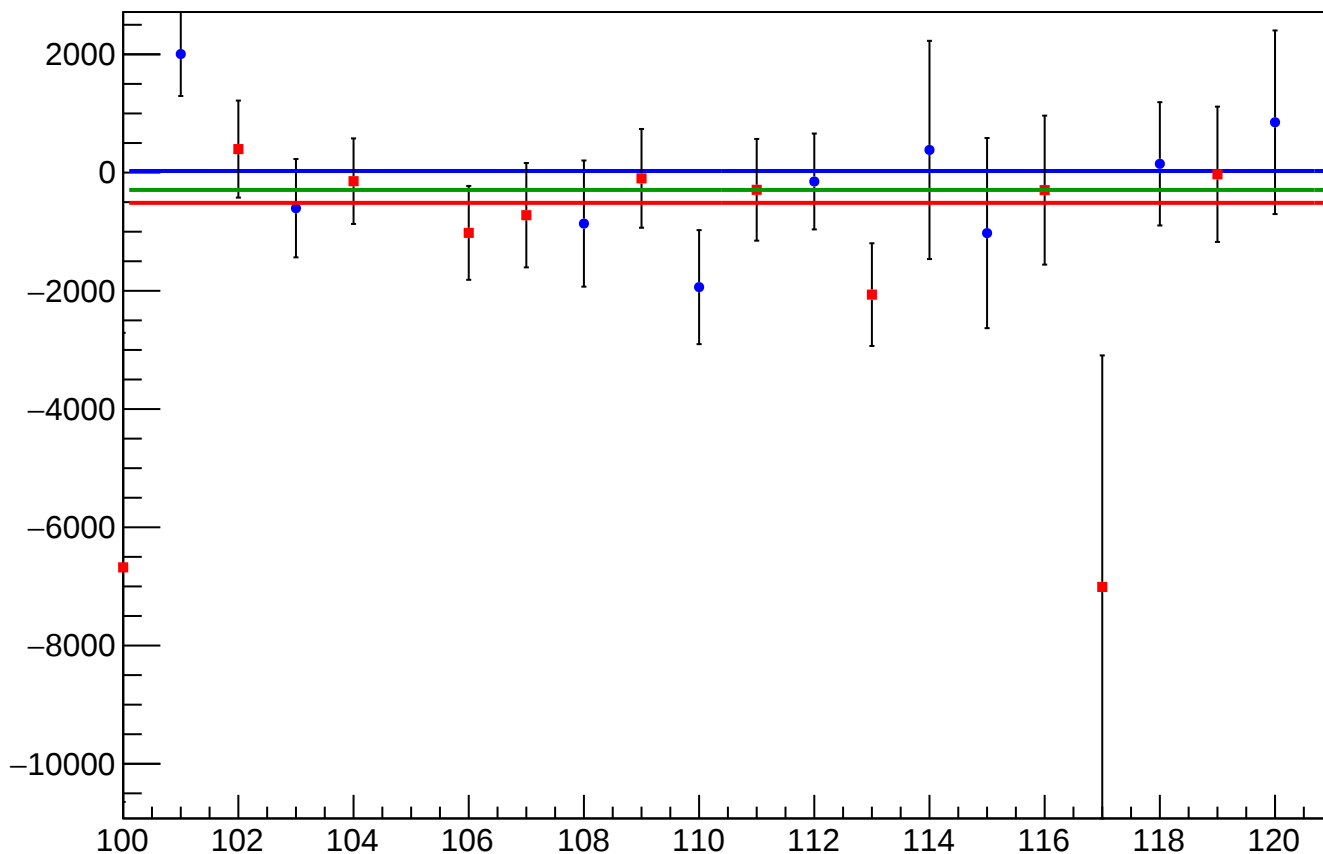
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

603.255 ± 0.234 $\chi^2/\text{NDF}: 92707.9/8$

574.859 ± 0.149 $\chi^2/\text{NDF}: 385183.8/20$

555.638 ± 0.193 $\chi^2/\text{NDF}: 267798.6/11$

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 26.852+/-334.890 χ^2 /NDF: 14.0/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -511.992+/-276.399 χ^2 /NDF: 11.0/11

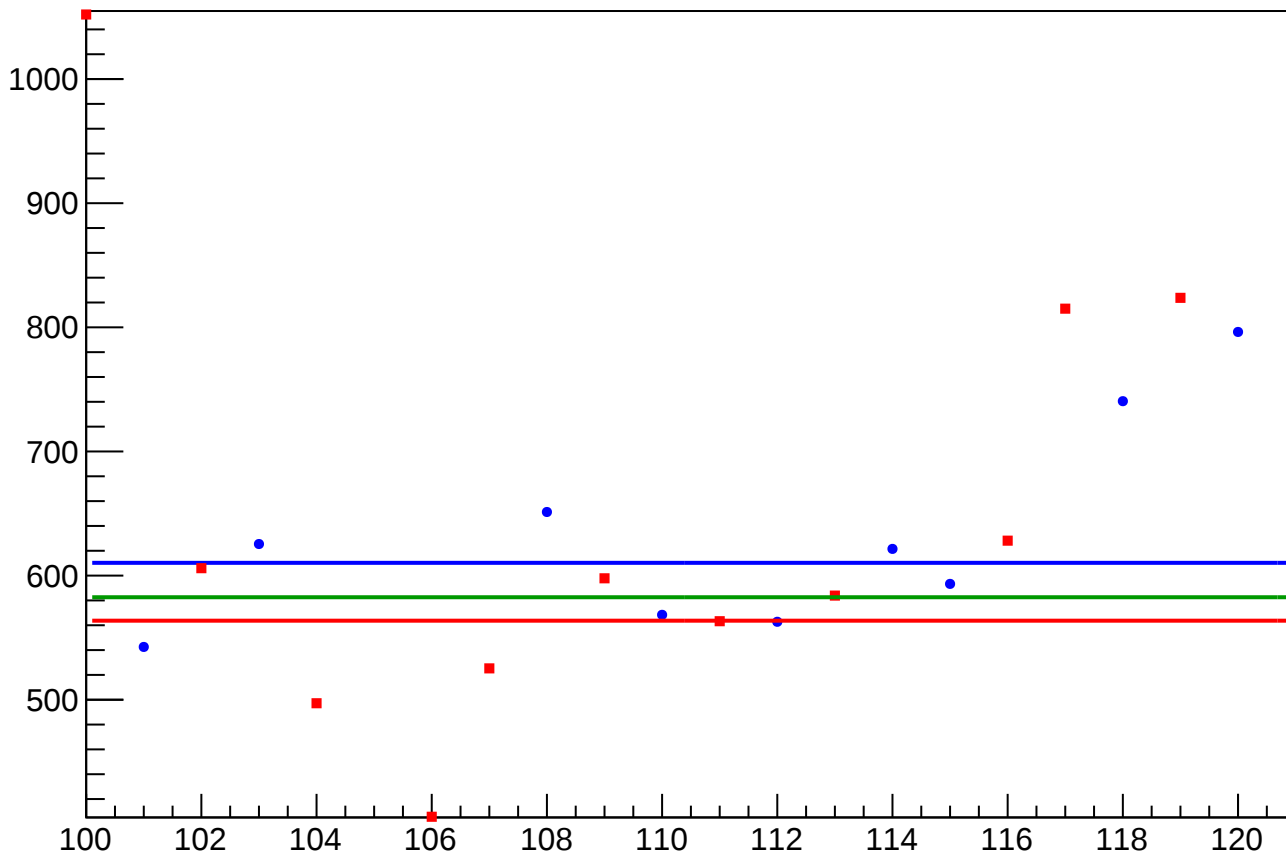
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

26.852+/-334.890 χ^2 /NDF: 14.0/8

-293.662+/-213.171 χ^2 /NDF: 26.6/20

-511.992+/-276.399 χ^2 /NDF: 11.0/11

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 610.288+/-0.237 χ^2/NDF : 92610.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 563.684+/-0.195 χ^2/NDF : 256659.2/11

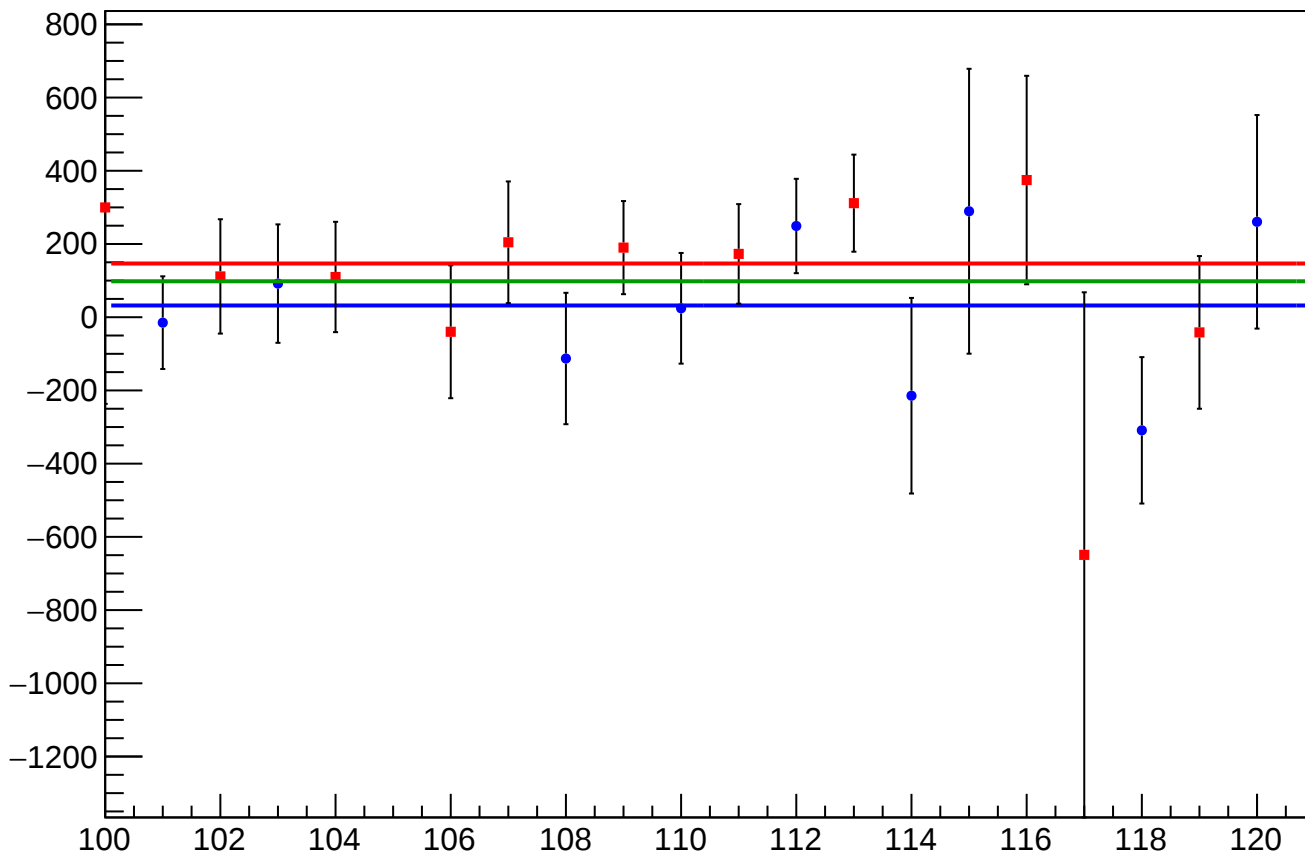
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

610.288+/-0.237 χ^2/NDF : 92610.6/8

582.567+/-0.151 χ^2/NDF : 372308.5/20

563.684+/-0.195 χ^2/NDF : 256659.2/11

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 32.036+/-58.421 χ^2/NDF : 8.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.691+/-50.068 χ^2/NDF : 6.3/11

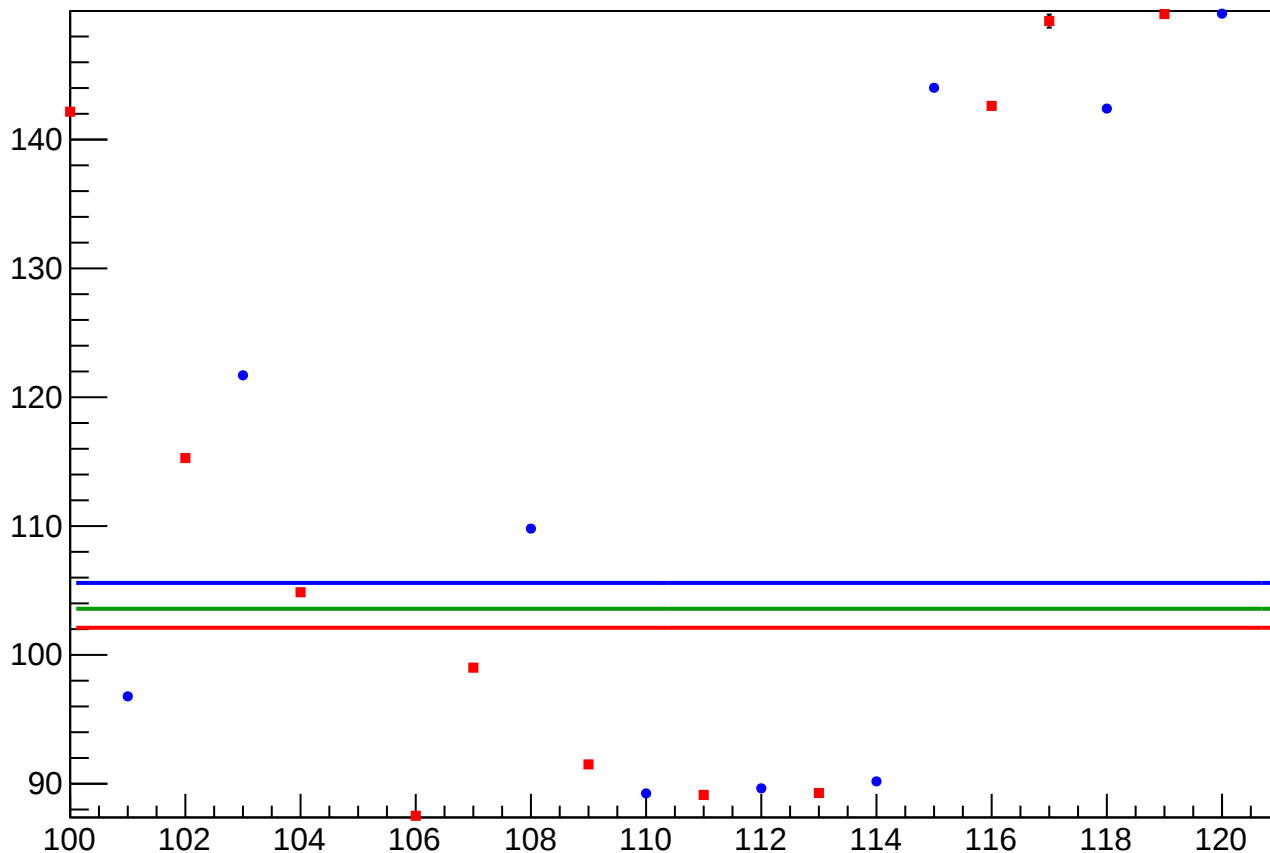
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.036+/-58.421 χ^2/NDF : 8.6/8

98.139+/-38.017 χ^2/NDF : 17.1/20

146.691+/-50.068 χ^2/NDF : 6.3/11

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 105.589+/-0.041 χ^2/NDF : 224424.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.108+/-0.035 χ^2/NDF : 245393.4/11

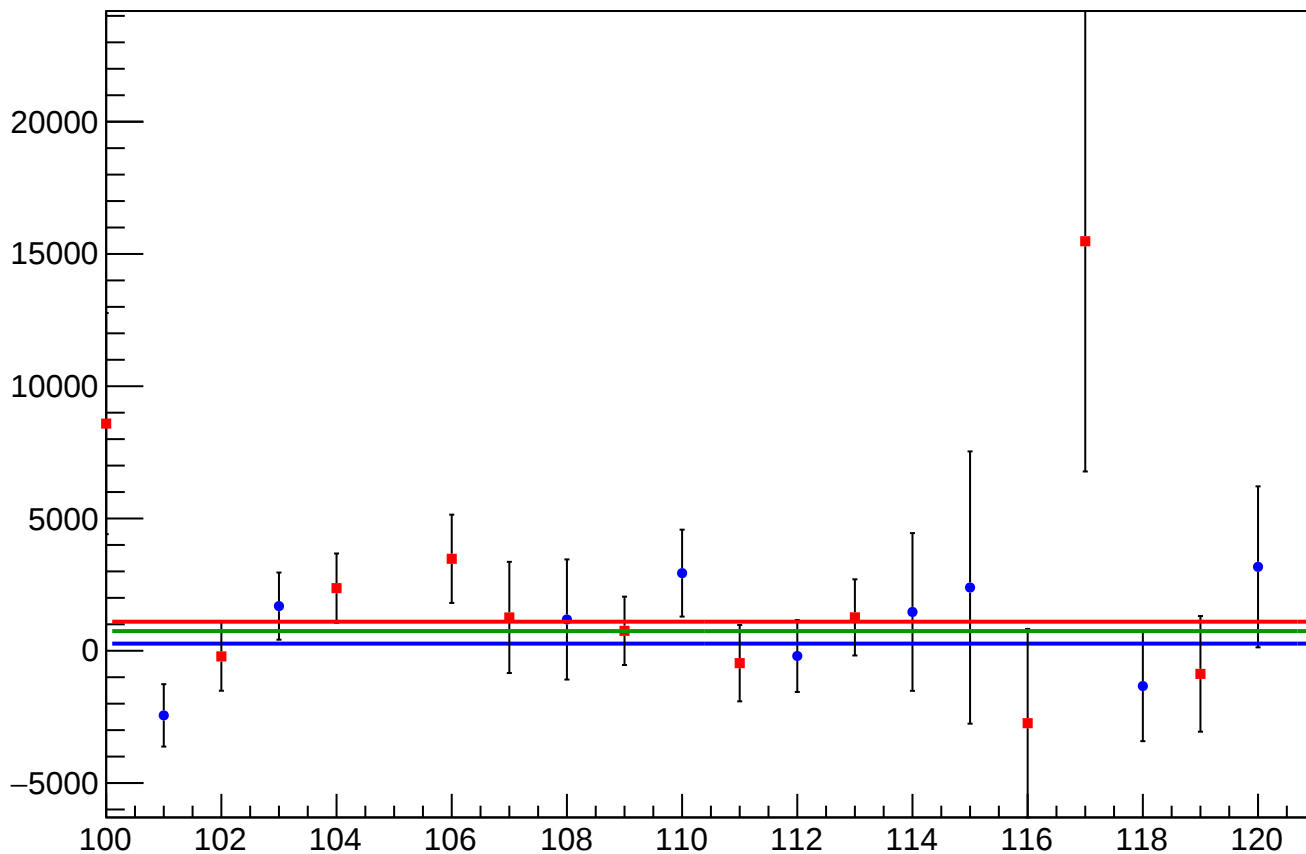
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

105.589+/-0.041 χ^2/NDF : 224424.6/8

103.582+/-0.027 χ^2/NDF : 473912.1/20

102.108+/-0.035 χ^2/NDF : 245393.4/11

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 270.321+/-583.838 χ^2/NDF : 11.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1099.364+/-506.223 χ^2/NDF : 13.2/11

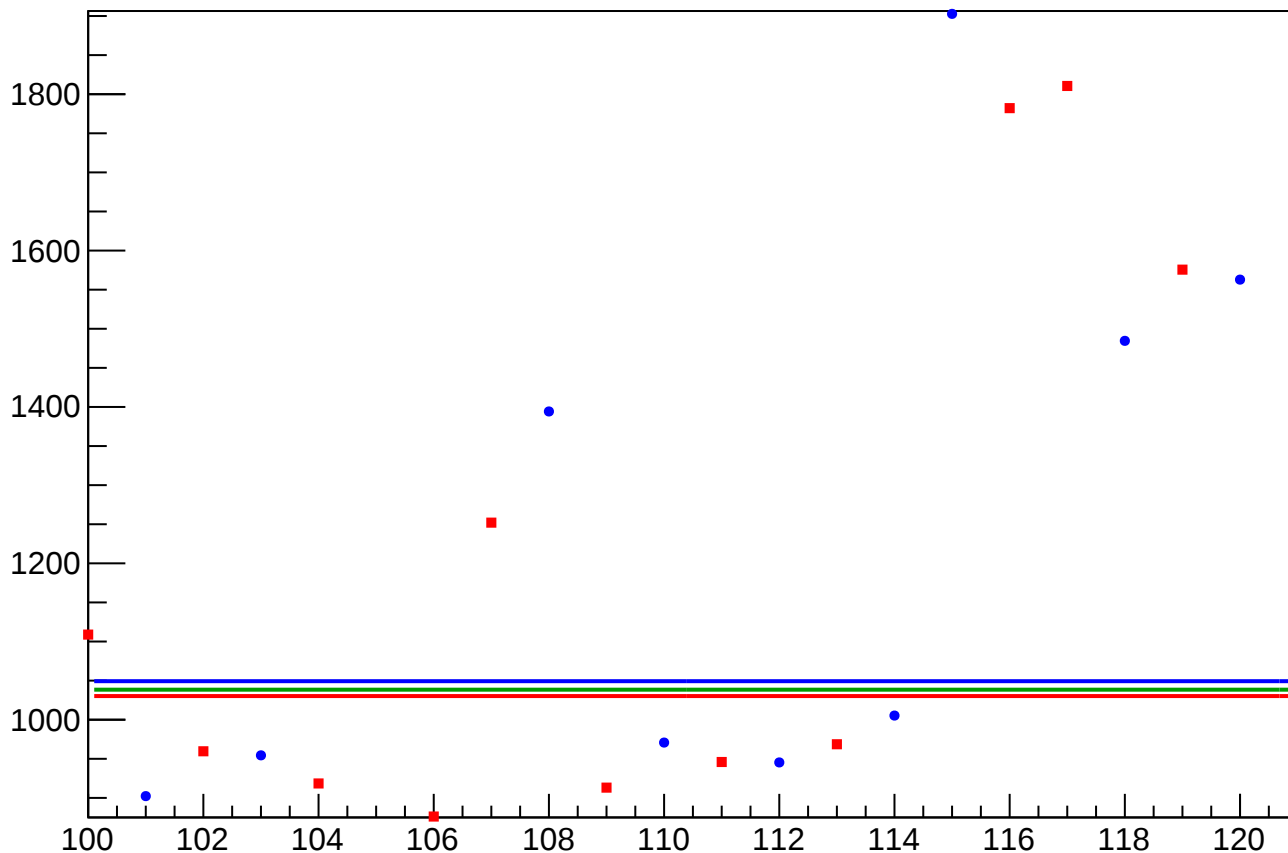
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

270.321+/-583.838 χ^2/NDF : 11.3/8

743.575+/-382.472 χ^2/NDF : 25.7/20

1099.364+/-506.223 χ^2/NDF : 13.2/11

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1049.283+/-0.413 χ^2/NDF : 304312.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1030.248+/-0.358 χ^2/NDF : 354786.6/11

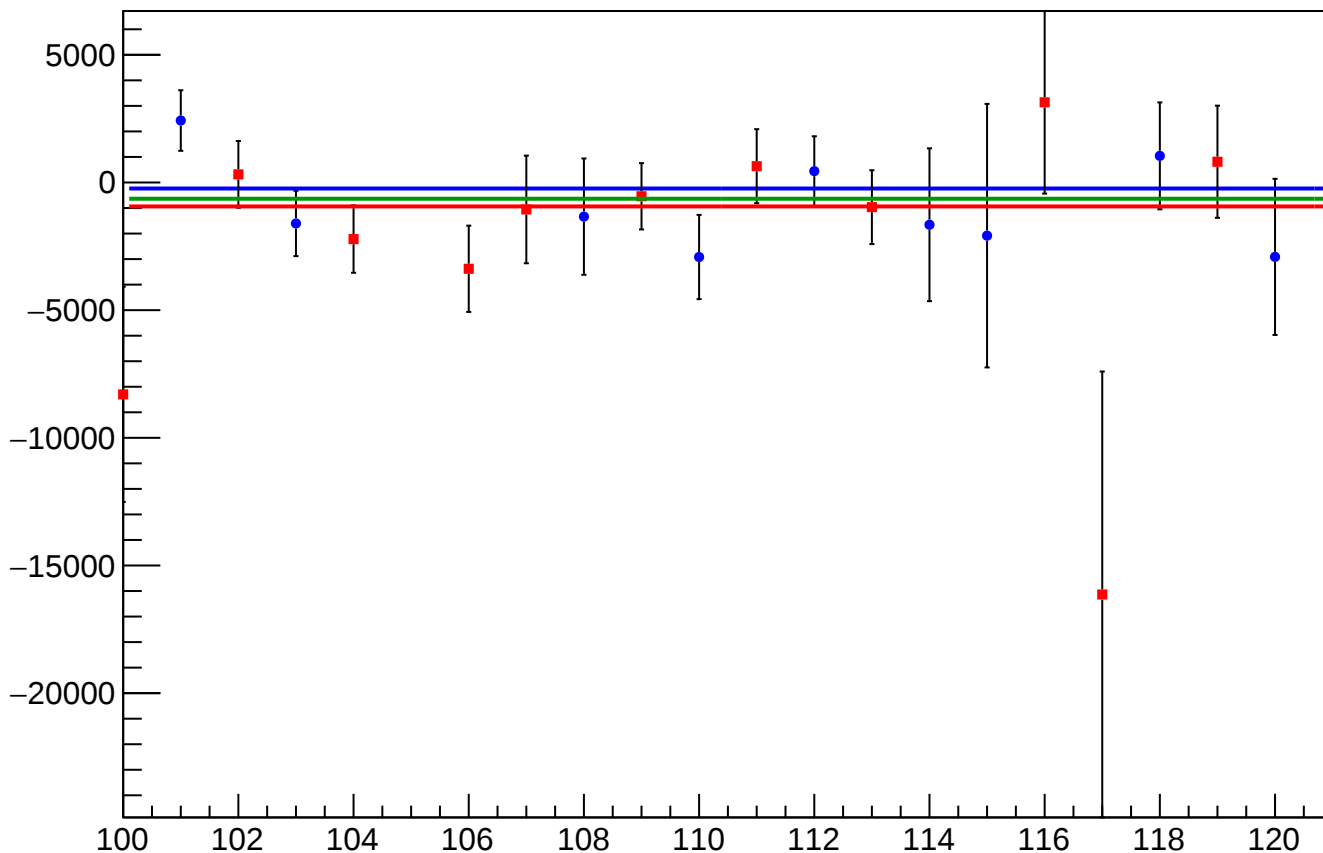
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1049.283+/-0.413 χ^2/NDF : 304312.1/8

1038.417+/-0.270 χ^2/NDF : 660312.3/20

1030.248+/-0.358 χ^2/NDF : 354786.6/11

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -235.694+/-587.025 χ^2 /NDF: 10.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -937.312+/-509.263 χ^2 /NDF: 13.4/11

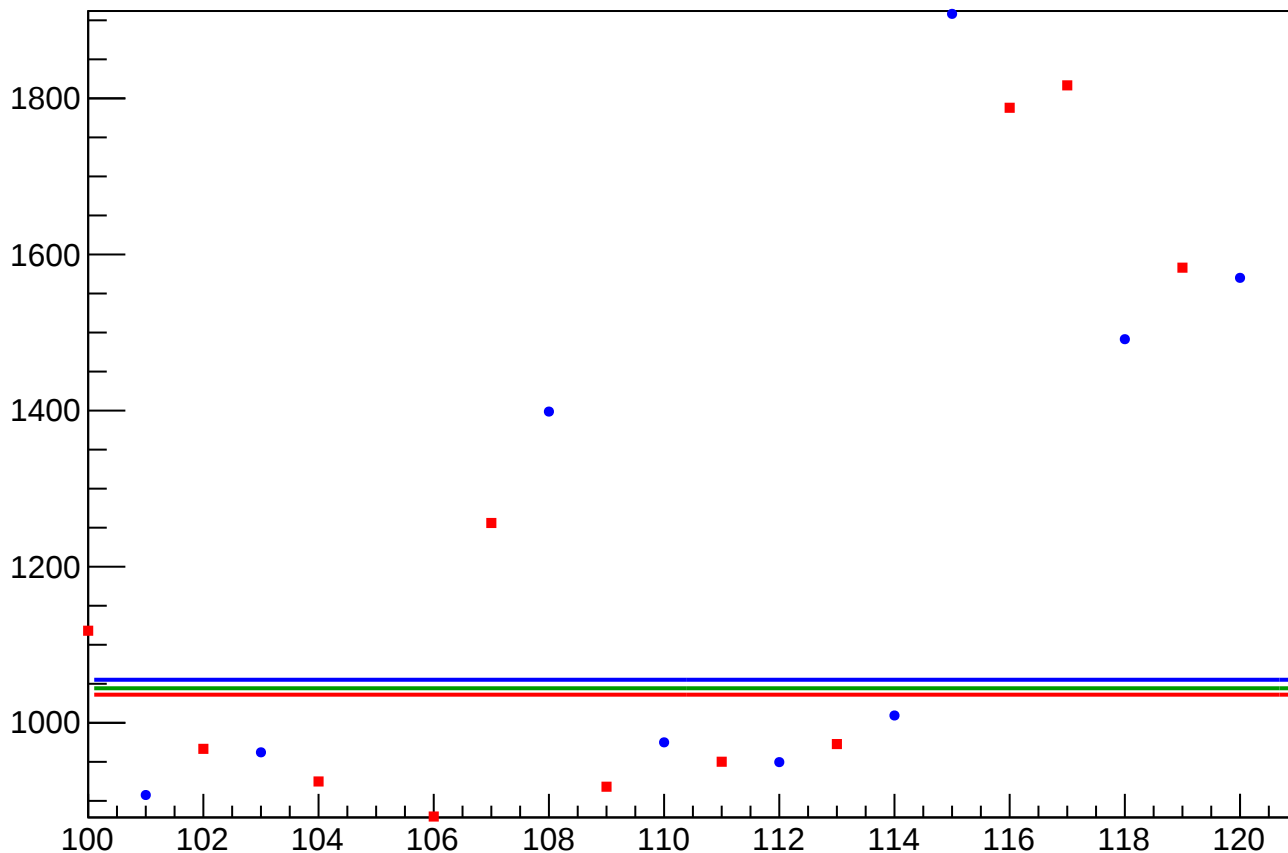
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-235.694+/-587.025 χ^2 /NDF: 10.8/8

-636.022+/-384.680 χ^2 /NDF: 25.0/20

-937.312+/-509.263 χ^2 /NDF: 13.4/11

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1055.175+/-0.415 χ^2/NDF : 302406.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1036.058+/-0.360 χ^2/NDF : 352411.8/11

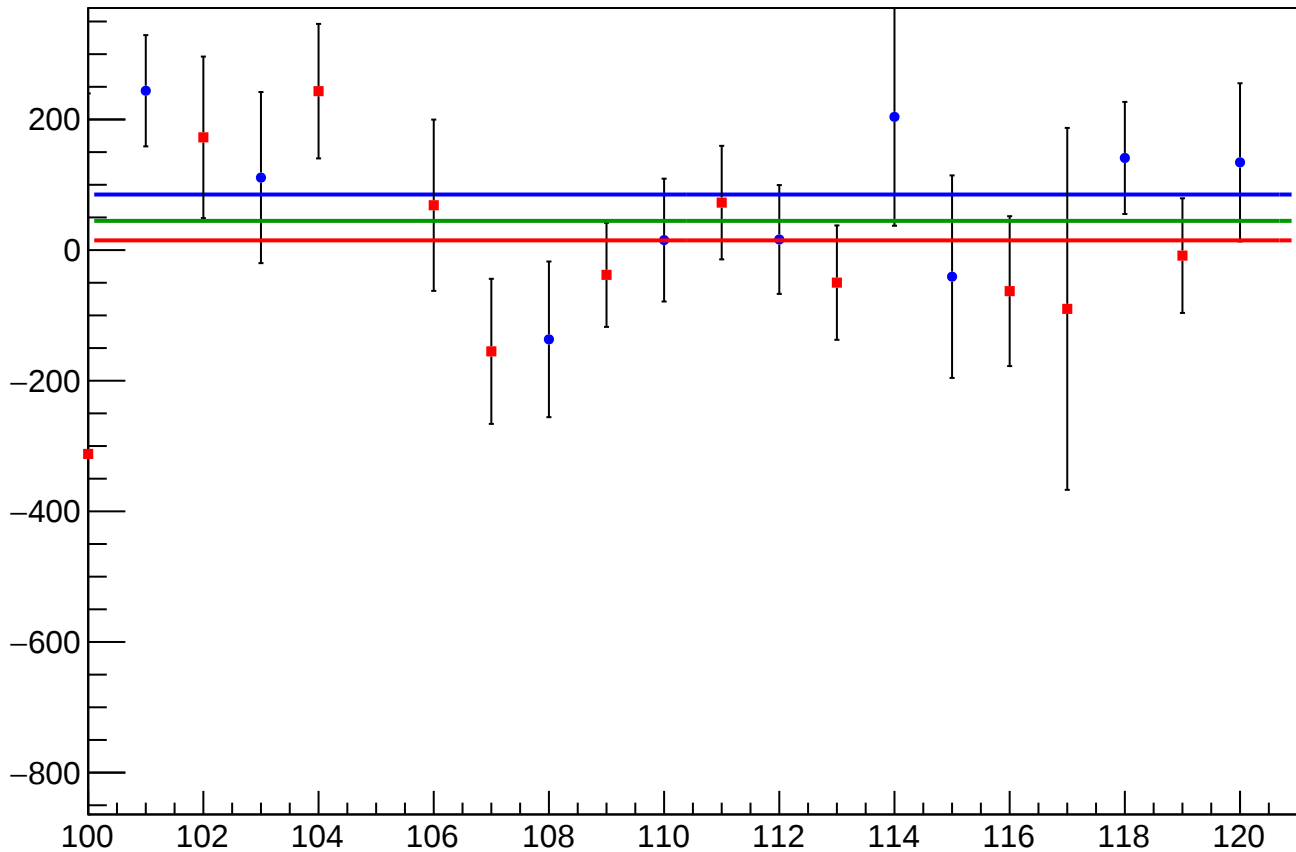
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1055.175+/-0.415 χ^2/NDF : 302406.1/8

1044.267+/-0.272 χ^2/NDF : 656028.1/20

1036.058+/-0.360 χ^2/NDF : 352411.8/11

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 85.083+/-35.239 χ^2/NDF : 10.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.893+/-30.321 χ^2/NDF : 11.5/11

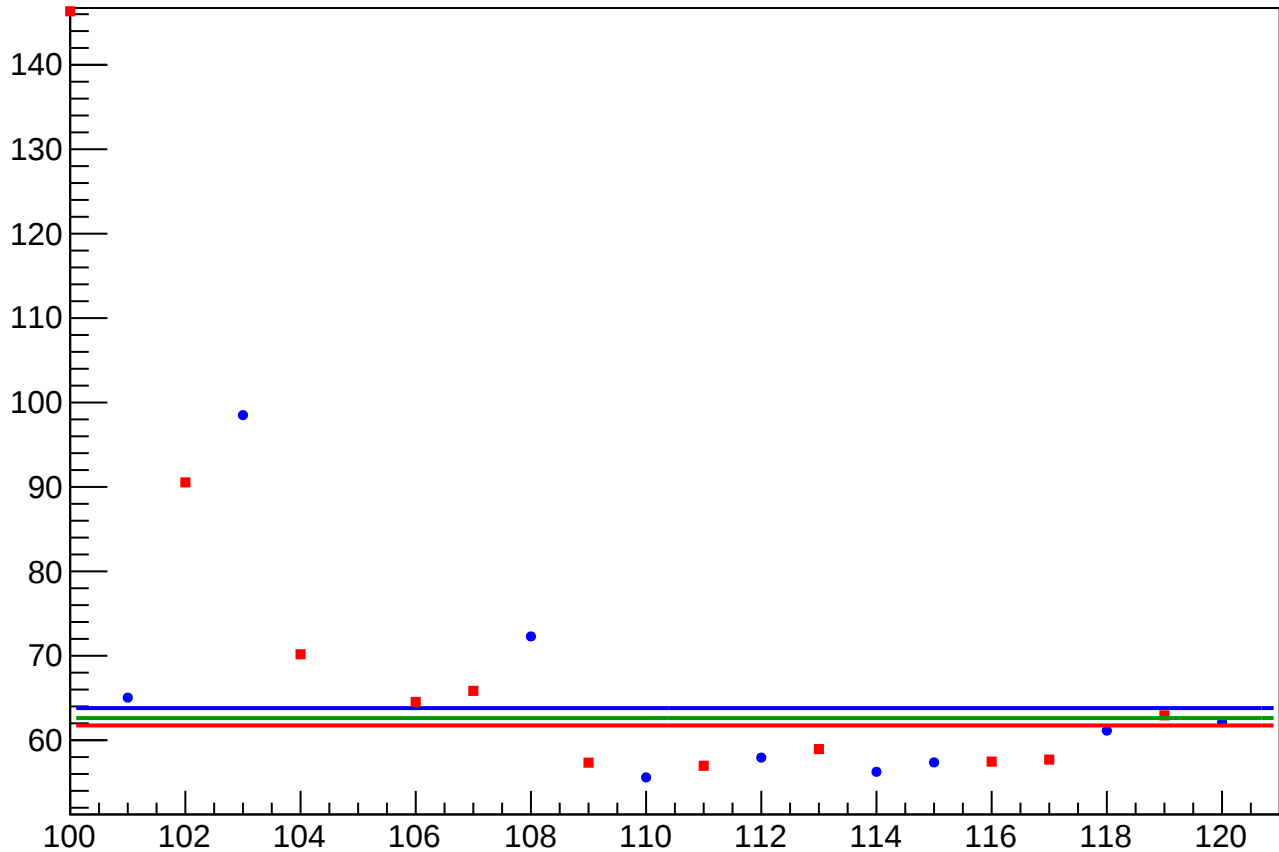
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

85.083+/-35.239 χ^2/NDF : 10.0/8

44.751+/-22.984 χ^2/NDF : 23.8/20

14.893+/-30.321 χ^2/NDF : 11.5/11

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 63.805+/-0.025 χ^2/NDF : 185938.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.747+/-0.021 χ^2/NDF : 222398.8/11

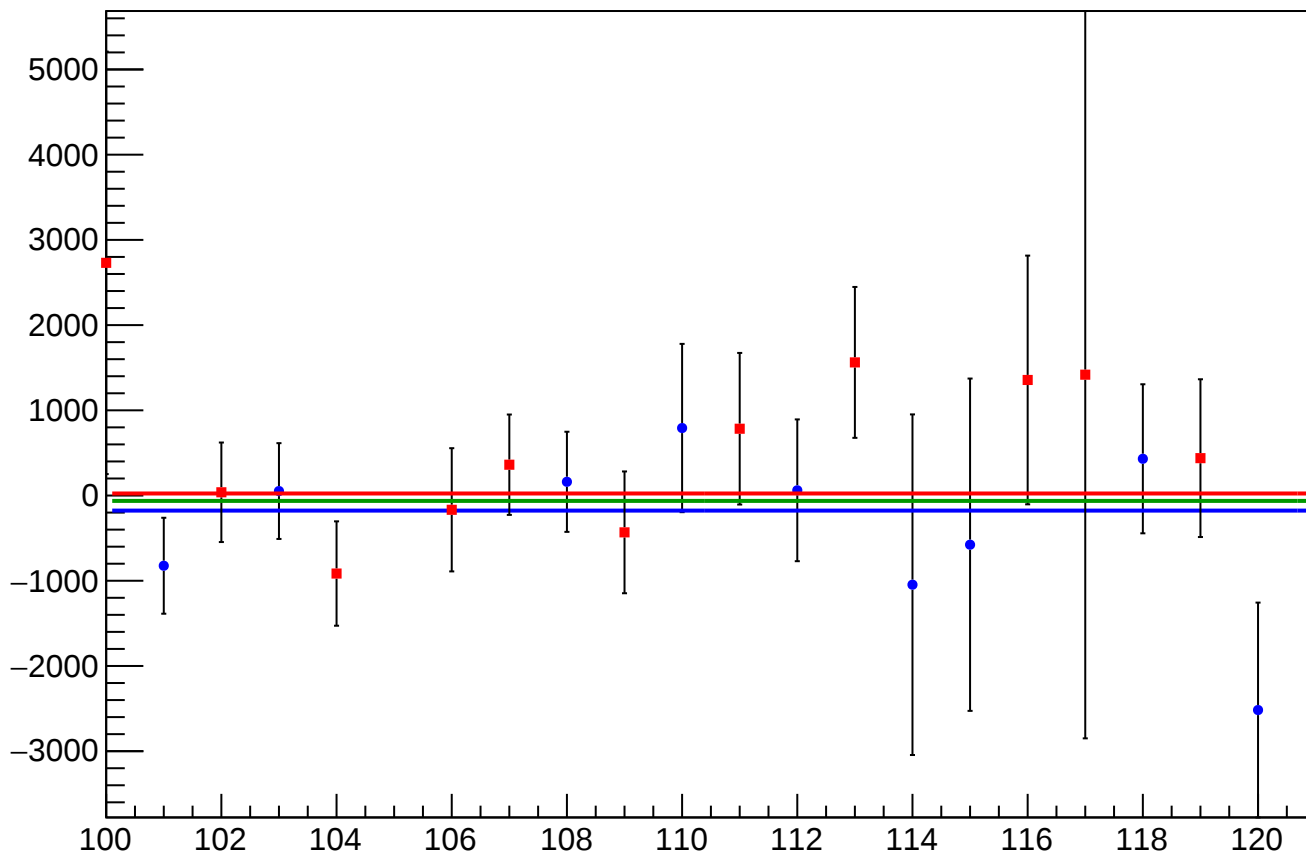
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

63.805+/-0.025 χ^2/NDF : 185938.3/8

62.623+/-0.016 χ^2/NDF : 412257.6/20

61.747+/-0.021 χ^2/NDF : 222398.8/11

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -176.739+/-265.943 χ^2 /NDF: 7.0/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 24.092+/-232.561 χ^2 /NDF: 11.1/11

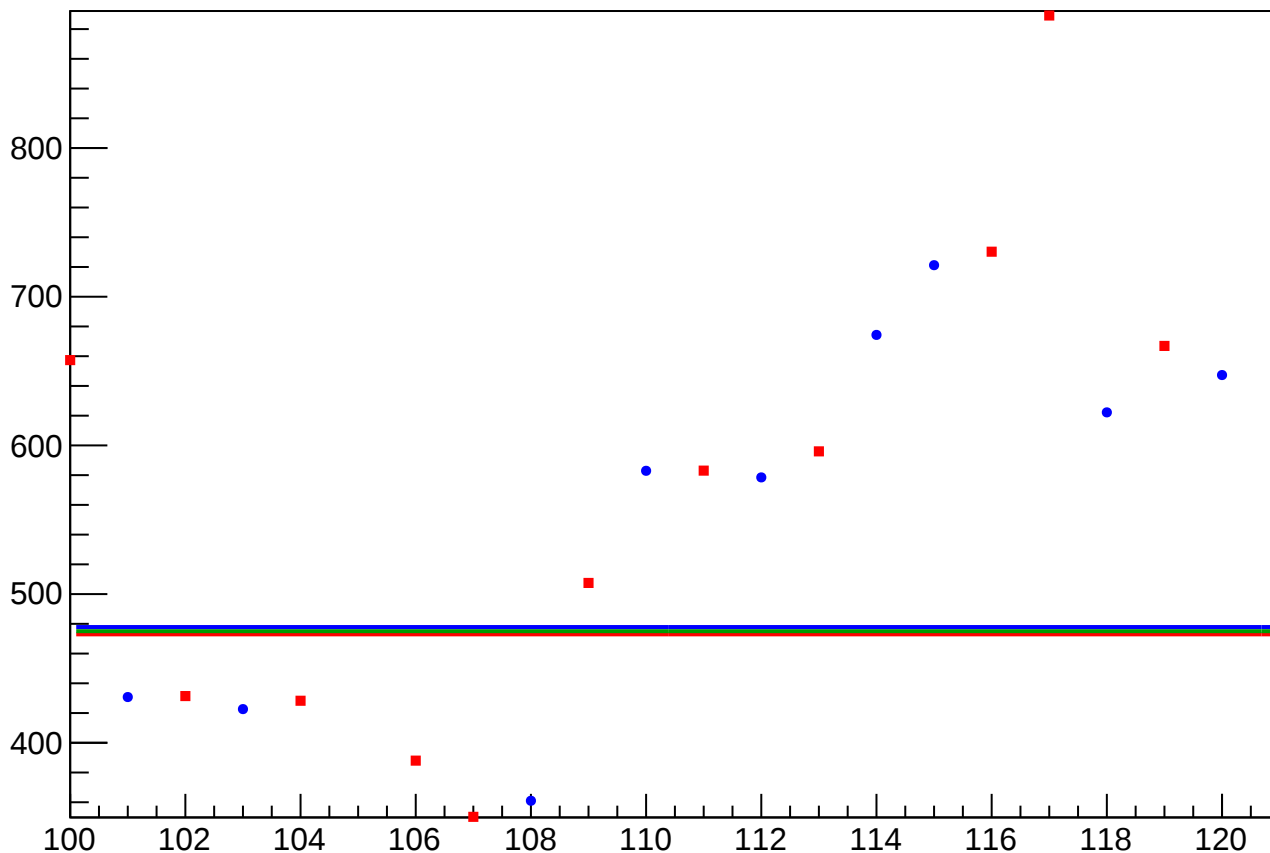
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-176.739+/-265.943 χ^2 /NDF: 7.0/8

-62.935+/-175.065 χ^2 /NDF: 18.5/20

24.092+/-232.561 χ^2 /NDF: 11.1/11

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 477.842 $\pm$ 0.188 χ^2 /NDF: 305437.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 472.928 $\pm$ 0.164 χ^2 /NDF: 389355.1/11

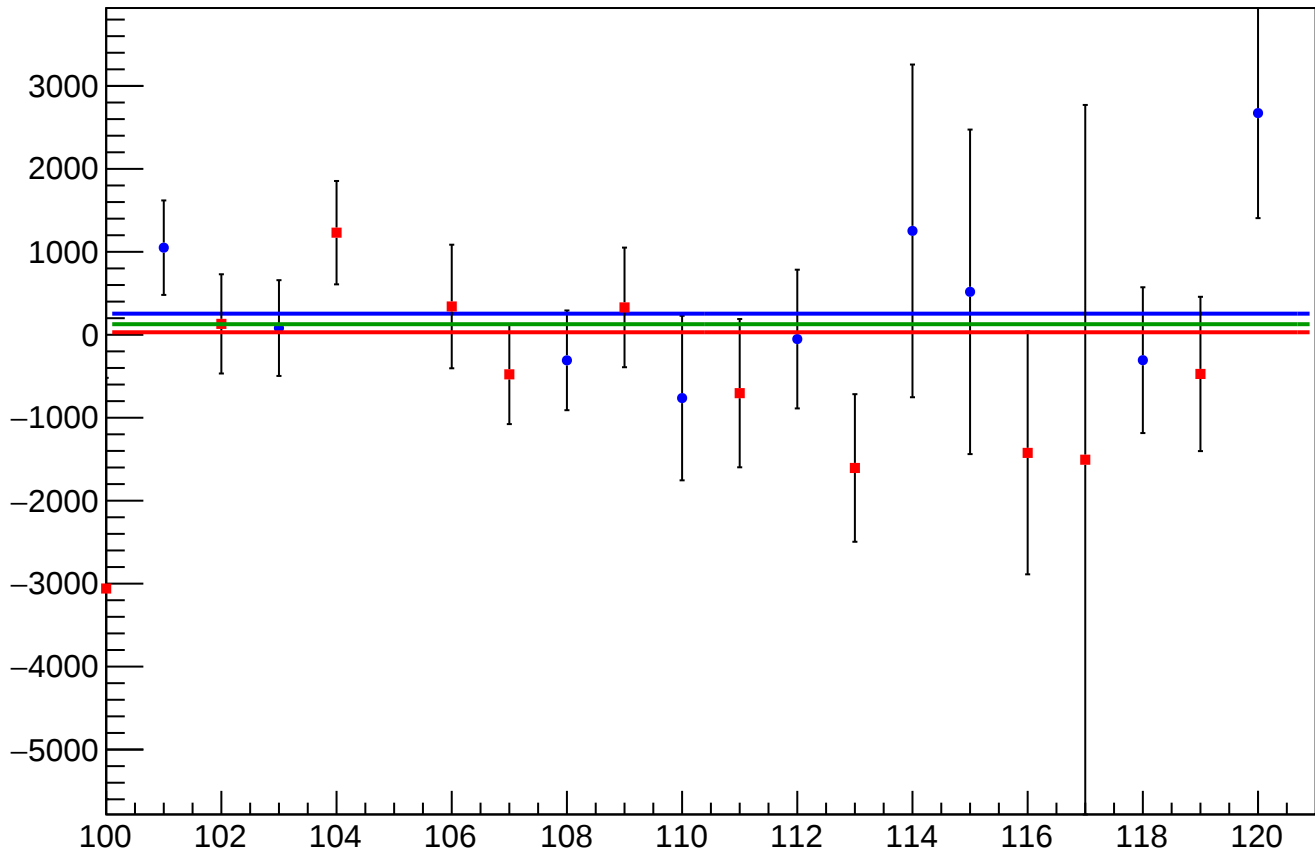
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

477.842 $\pm$ 0.188 χ^2 /NDF: 305437.7/8

475.057 $\pm$ 0.124 χ^2 /NDF: 695179.8/20

472.928 $\pm$ 0.164 χ^2 /NDF: 389355.1/11

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 254.700+/-269.904 χ^2/NDF : 8.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.375+/-236.071 χ^2/NDF : 13.4/11

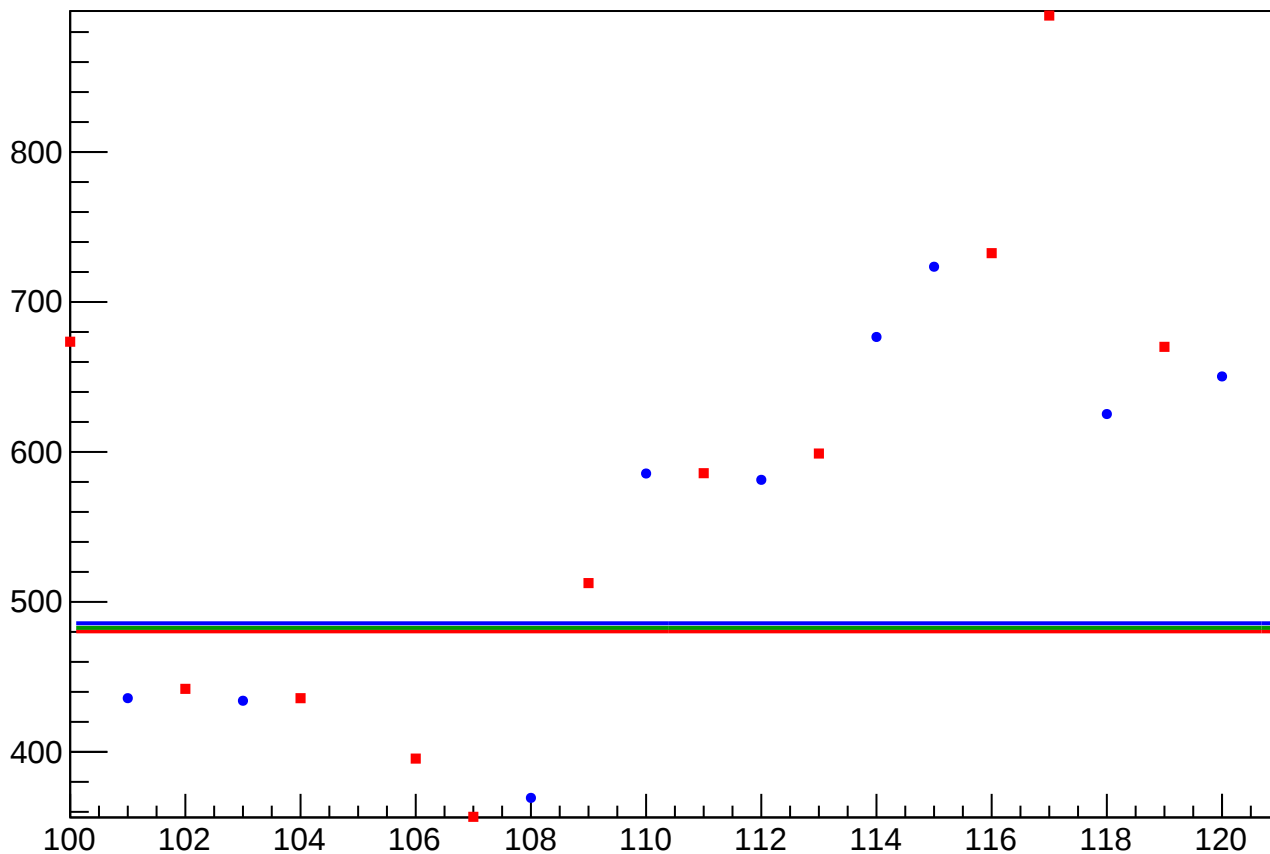
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

254.700+/-269.904 χ^2/NDF : 8.4/8

127.604+/-177.693 χ^2/NDF : 22.3/20

30.375+/-236.071 χ^2/NDF : 13.4/11

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 485.746+/-0.191 χ^2/NDF : 284768.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 480.369+/-0.167 χ^2/NDF : 369609.6/11

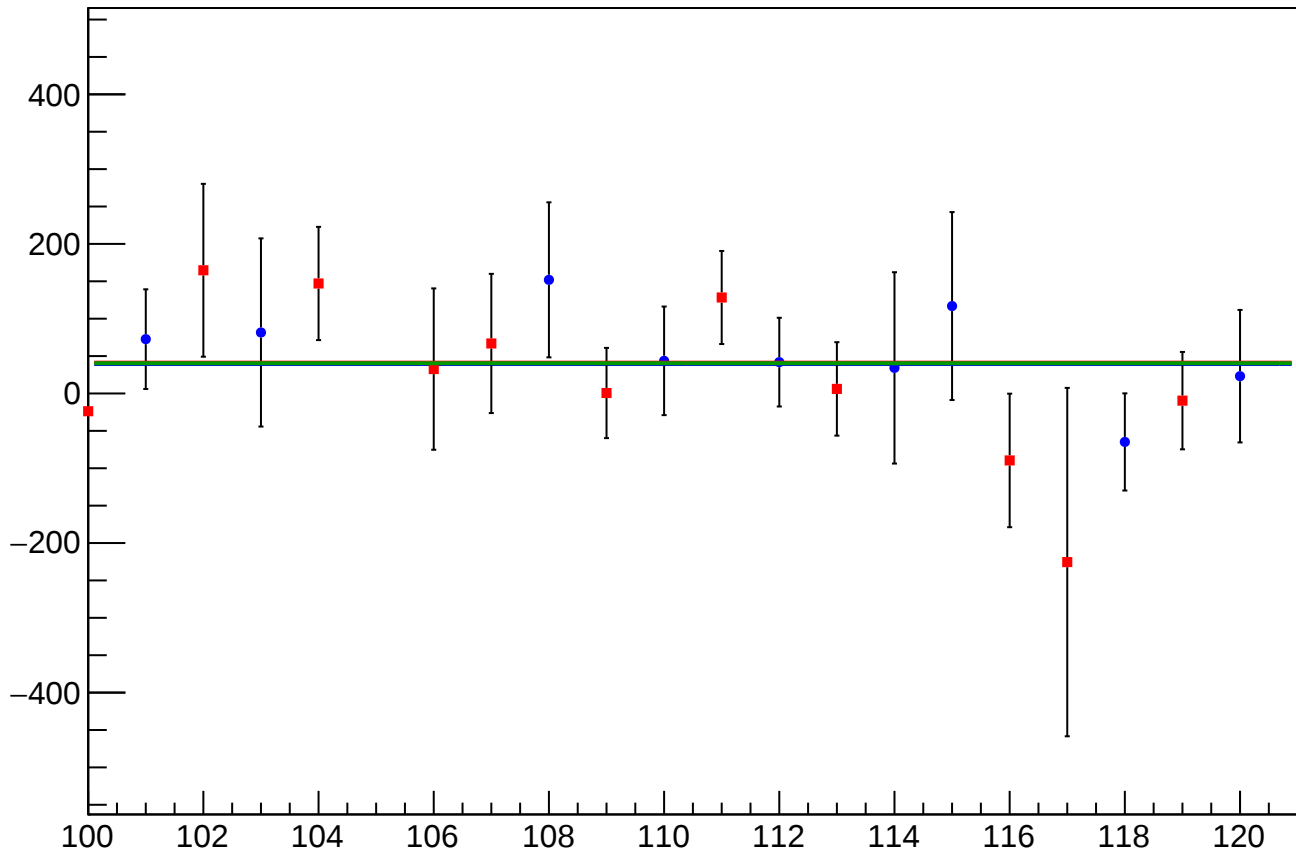
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

485.746+/-0.191 χ^2/NDF : 284768.1/8

482.699+/-0.126 χ^2/NDF : 654827.6/20

480.369+/-0.167 χ^2/NDF : 369609.6/11

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 39.383+/-27.275 χ^2/NDF : 4.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.177+/-23.333 χ^2/NDF : 10.0/11

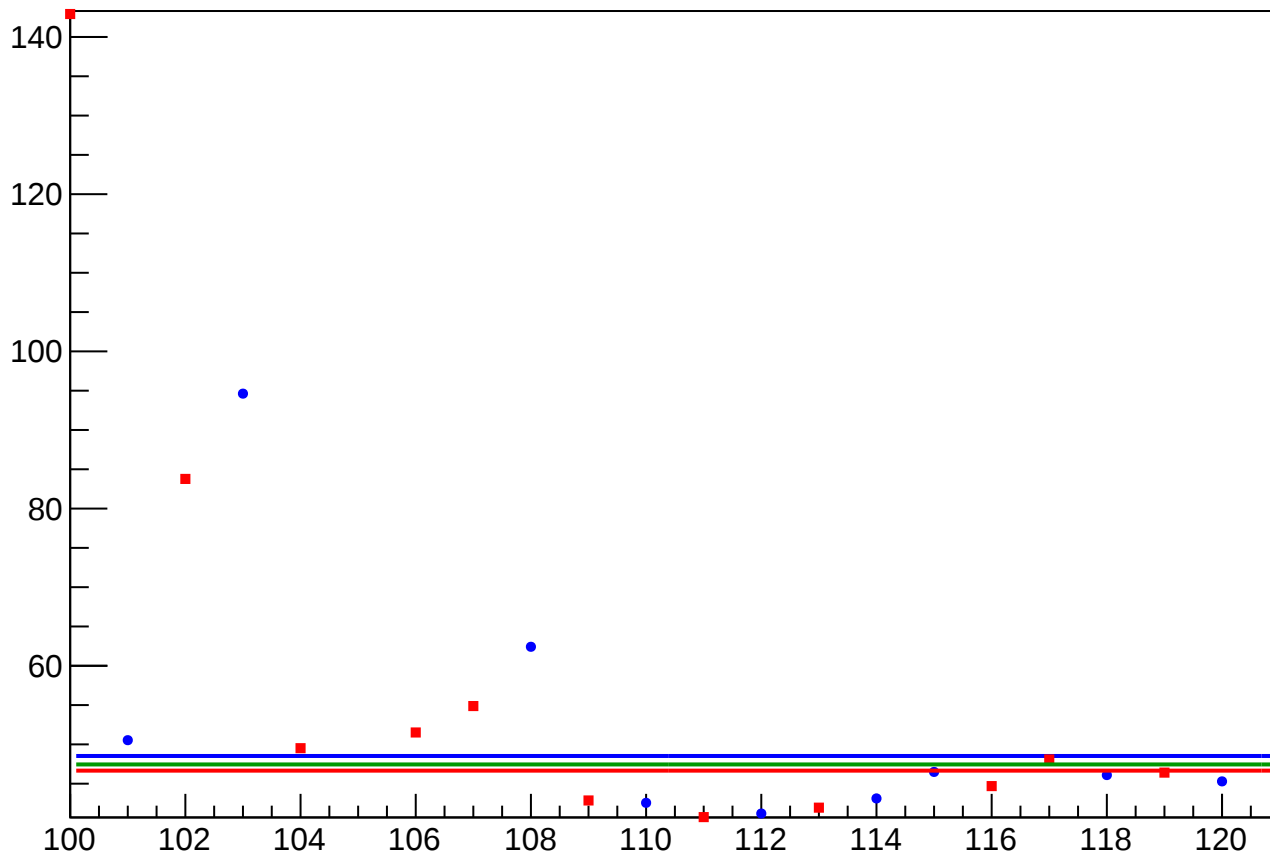
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

39.383+/-27.275 χ^2/NDF : 4.5/8

40.419+/-17.730 χ^2/NDF : 14.5/20

41.177+/-23.333 χ^2/NDF : 10.0/11

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 48.524+/-0.019 χ^2/NDF : 359705.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.660+/-0.016 χ^2/NDF : 338733.2/11

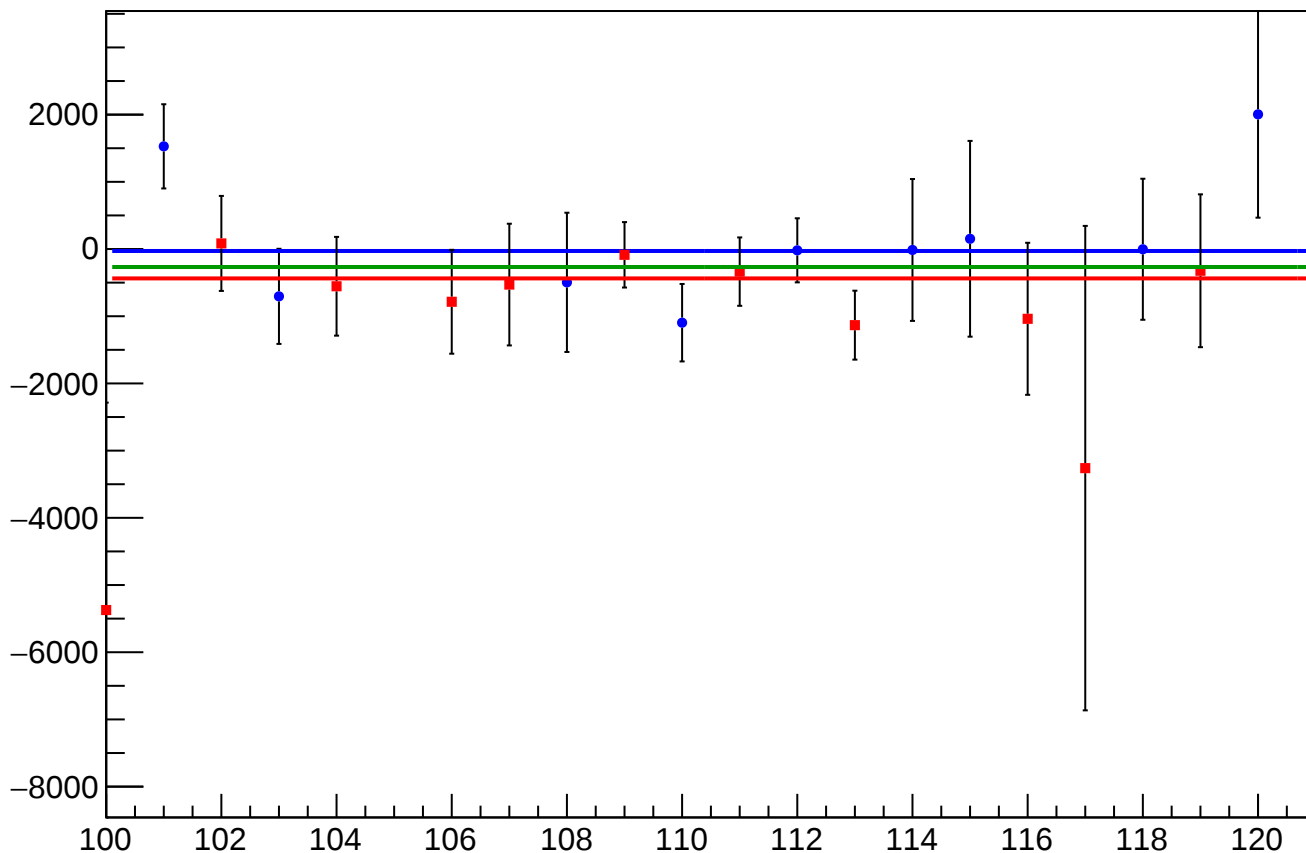
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

48.524+/-0.019 χ^2/NDF : 359705.6/8

47.448+/-0.013 χ^2/NDF : 703835.8/20

46.660+/-0.016 χ^2/NDF : 338733.2/11

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -29.015 ± 253.310 χ^2/NDF : 12.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -437.188 ± 213.670 χ^2/NDF : 8.6/11

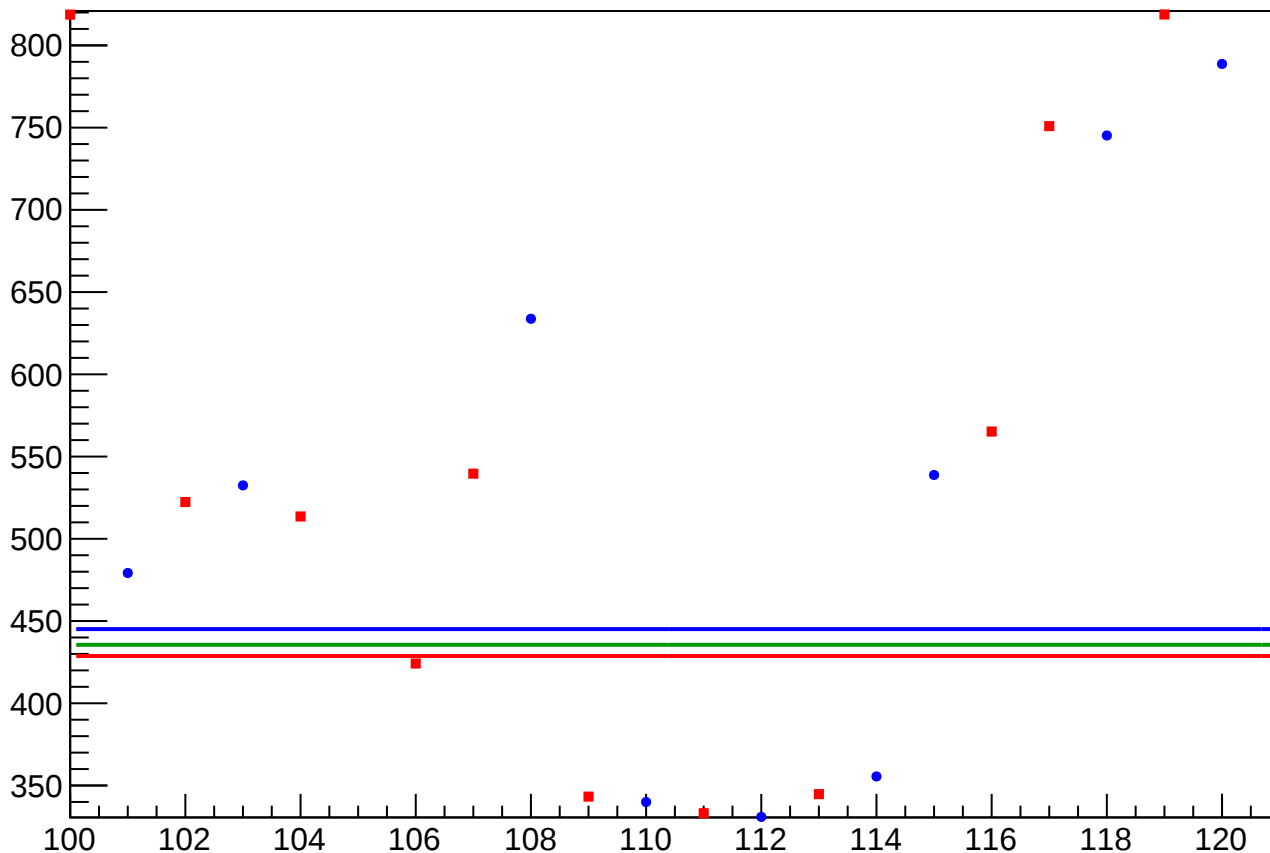
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-29.015 ± 253.310 χ^2/NDF : 12.5/8

-267.502 ± 163.325 χ^2/NDF : 22.6/20

-437.188 ± 213.670 χ^2/NDF : 8.6/11

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 445.099+/-0.179 χ^2/NDF : 570124.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 428.725+/-0.151 χ^2/NDF : 603620.3/11

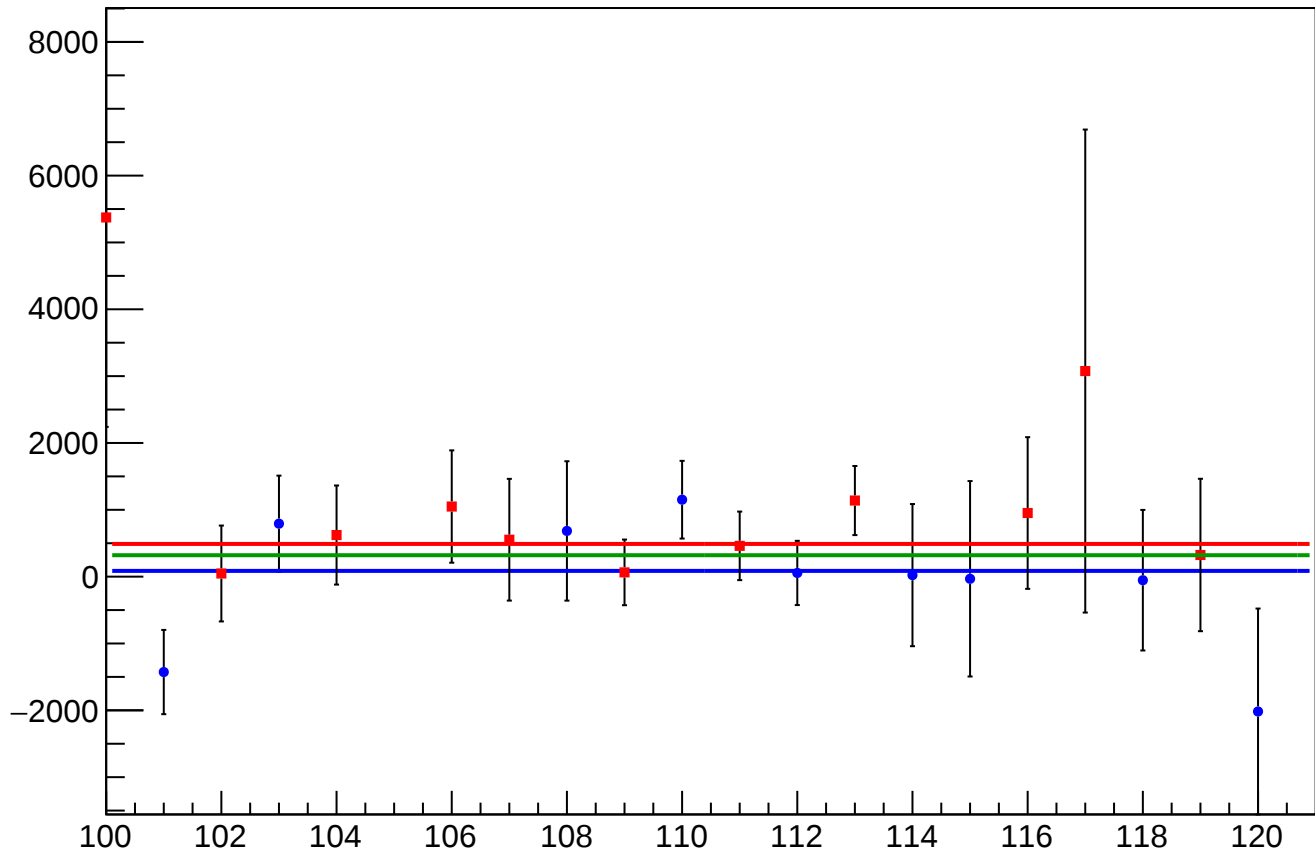
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

445.099+/-0.179 χ^2/NDF : 570124.6/8

435.532+/-0.115 χ^2/NDF : 1178627.9/20

428.725+/-0.151 χ^2/NDF : 603620.3/11

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 86.103+/-255.320 χ^2/NDF : 12.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 489.385+/-216.535 χ^2/NDF : 8.3/11

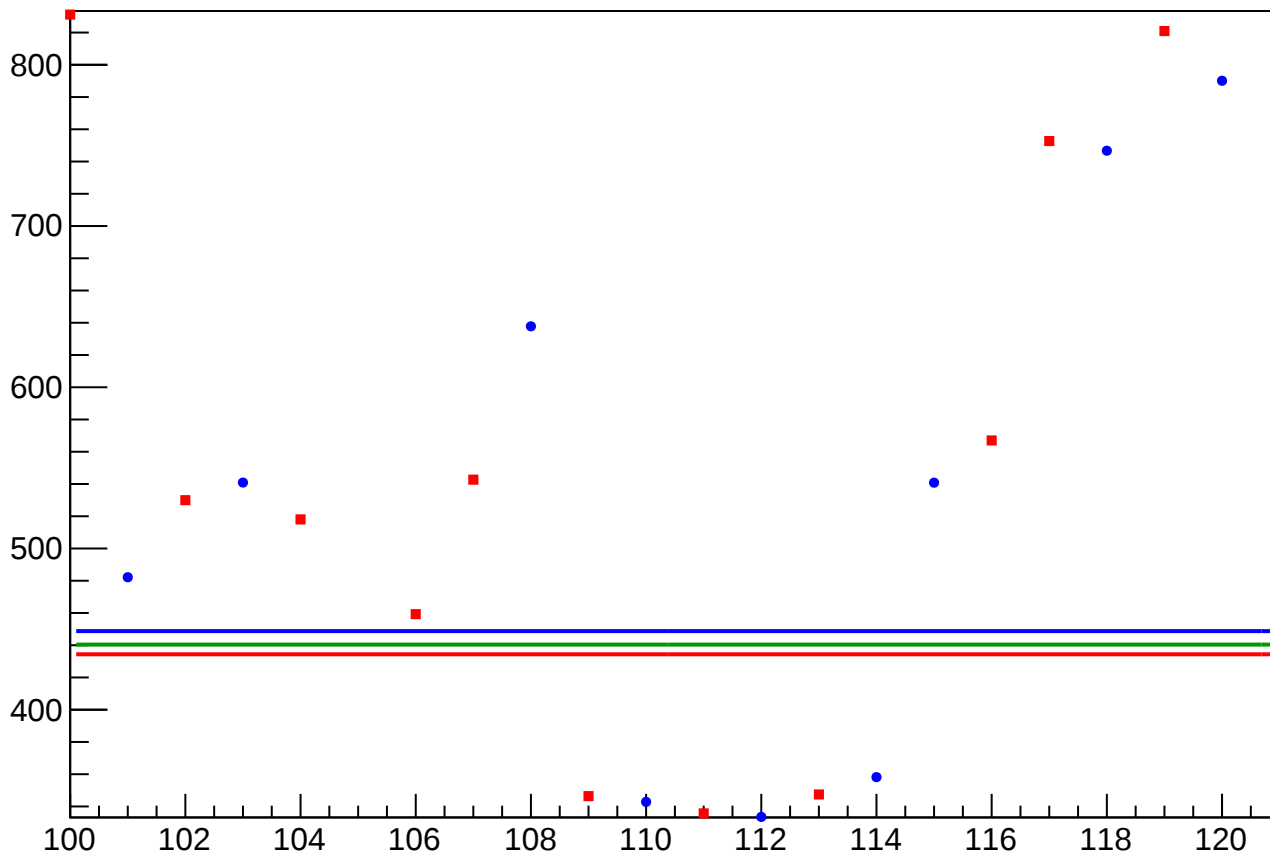
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

86.103+/-255.320 χ^2/NDF : 12.3/8

320.670+/-165.142 χ^2/NDF : 22.1/20

489.385+/-216.535 χ^2/NDF : 8.3/11

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 448.756 $\pm$ 0.181 χ^2 /NDF: 566918.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 434.366 $\pm$ 0.153 χ^2 /NDF: 602778.4/11

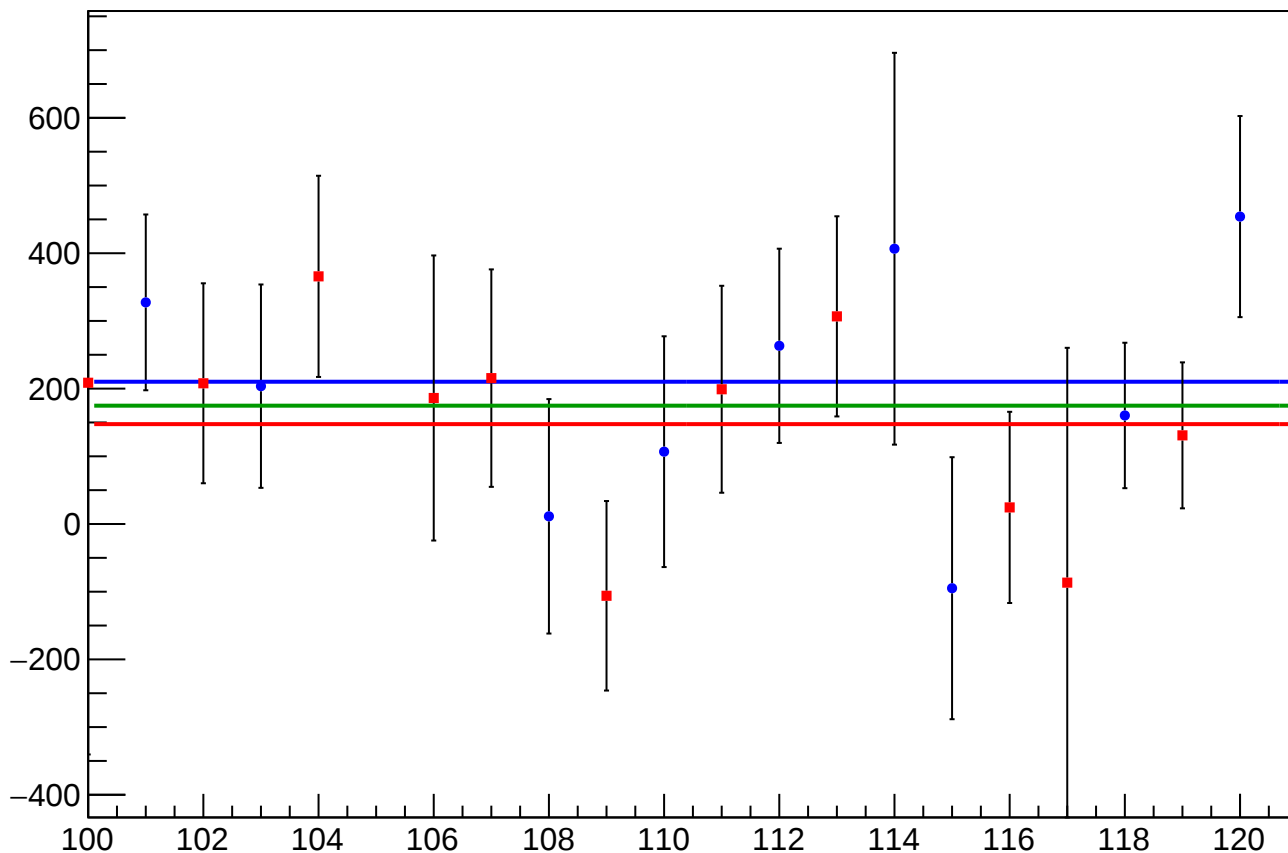
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

448.756 $\pm$ 0.181 χ^2 /NDF: 566918.8/8

440.387 $\pm$ 0.117 χ^2 /NDF: 1173392.5/20

434.366 $\pm$ 0.153 χ^2 /NDF: 602778.4/11

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 210.168 $\pm$ 50.598 χ^2 /NDF: 8.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 147.541 $\pm$ 44.436 χ^2 /NDF: 8.5/11

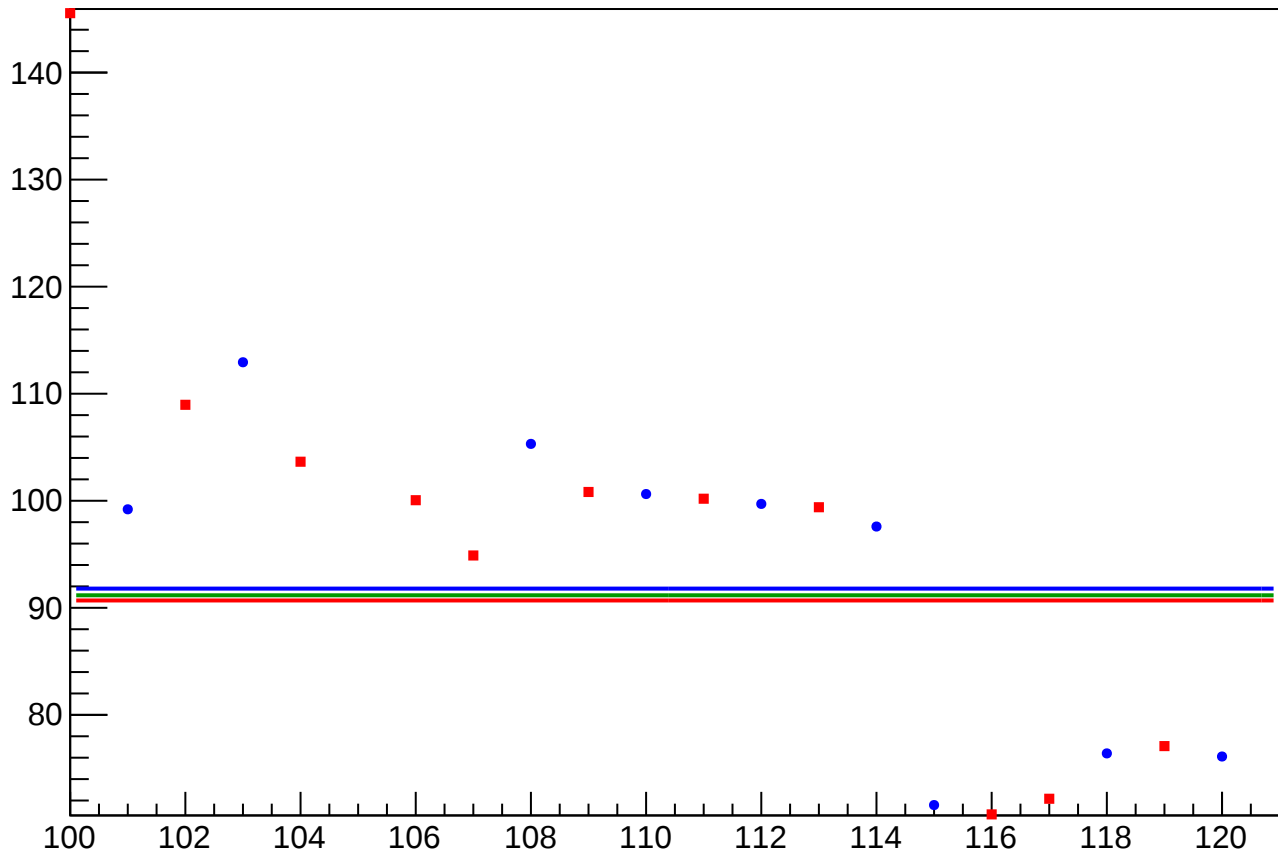
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

210.168 $\pm$ 50.598 χ^2 /NDF: 8.5/8

174.811 $\pm$ 33.389 χ^2 /NDF: 17.9/20

147.541 $\pm$ 44.436 χ^2 /NDF: 8.5/11

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 91.795+/-0.036 χ^2/NDF : 155773.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.687+/-0.031 χ^2/NDF : 202505.9/11

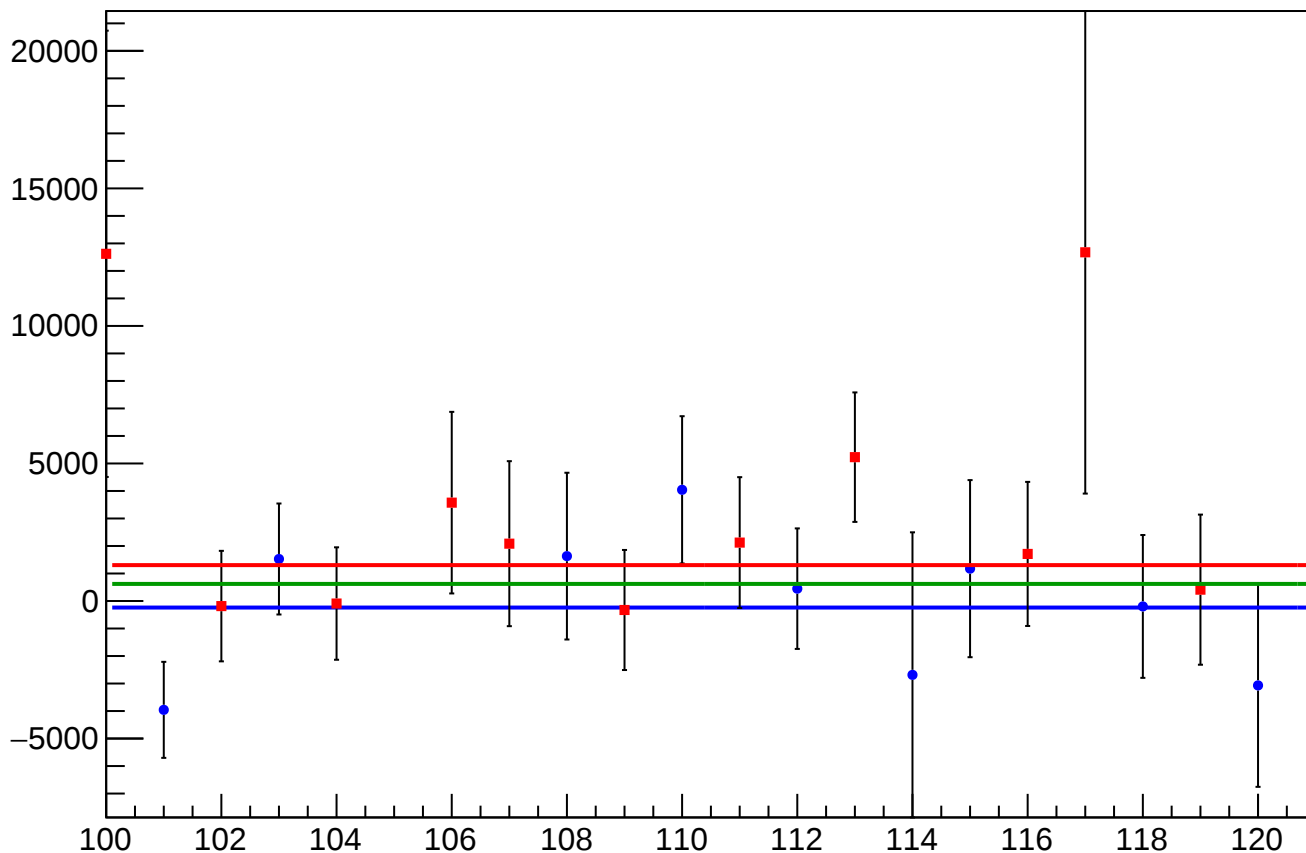
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

91.795+/-0.036 χ^2/NDF : 155773.0/8

91.170+/-0.024 χ^2/NDF : 358820.4/20

90.687+/-0.031 χ^2/NDF : 202505.9/11

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -238.014 $\pm$ 849.347 χ^2 /NDF: 9.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1304.493 $\pm$ 757.406 χ^2 /NDF: 9.5/11

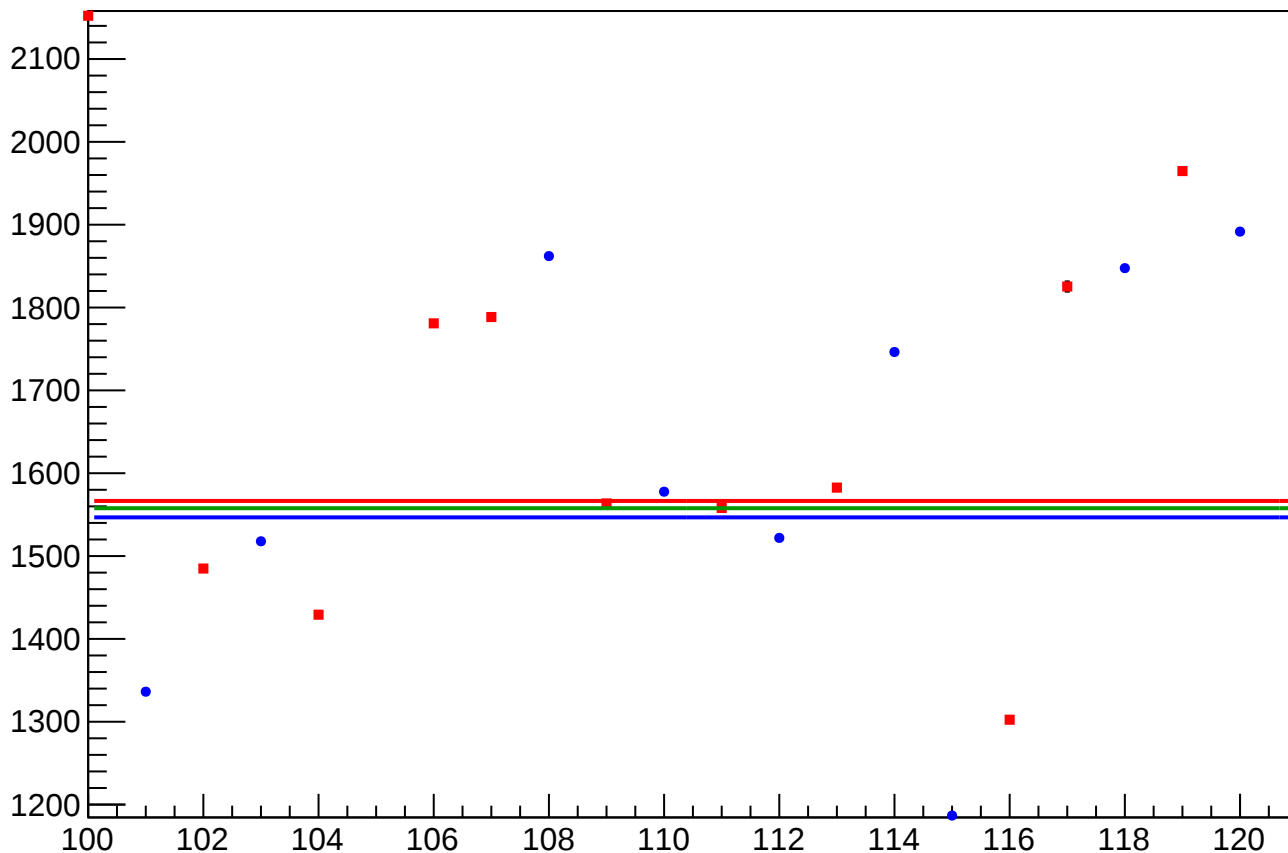
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-238.014 $\pm$ 849.347 χ^2 /NDF: 9.3/8

621.216 $\pm$ 565.288 χ^2 /NDF: 20.7/20

1304.493 $\pm$ 757.406 χ^2 /NDF: 9.5/11

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1546.705+/-0.601 χ^2 /NDF: 123974.1/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1566.533+/-0.536 χ^2 /NDF: 111121.3/11

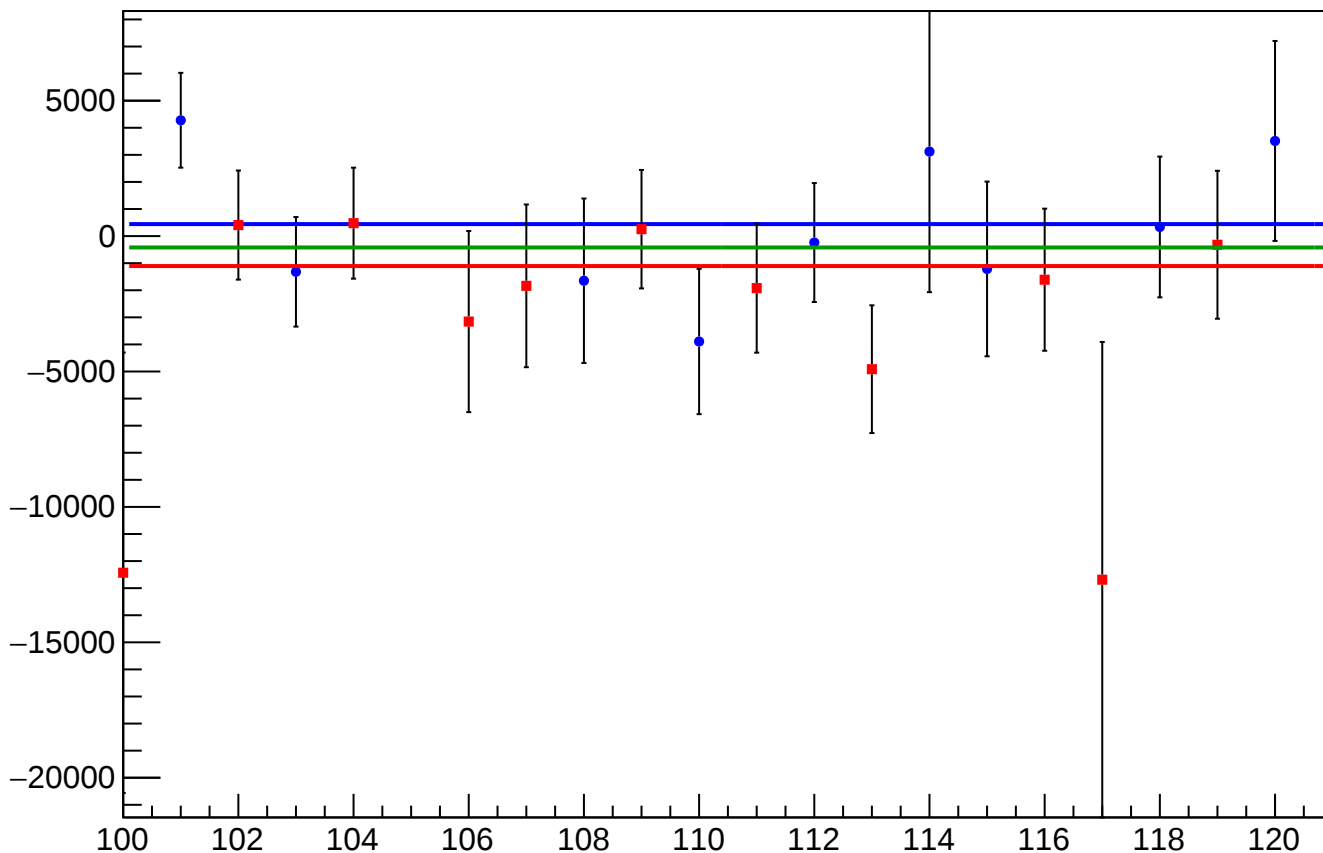
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

1546.705+/-0.601 χ^2 /NDF: 123974.1/8

1557.750+/-0.400 χ^2 /NDF: 235702.6/20

1566.533+/-0.536 χ^2 /NDF: 111121.3/11

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 443.356+/-851.172 χ^2/NDF : 10.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1106.592+/-759.375 χ^2/NDF : 9.2/11

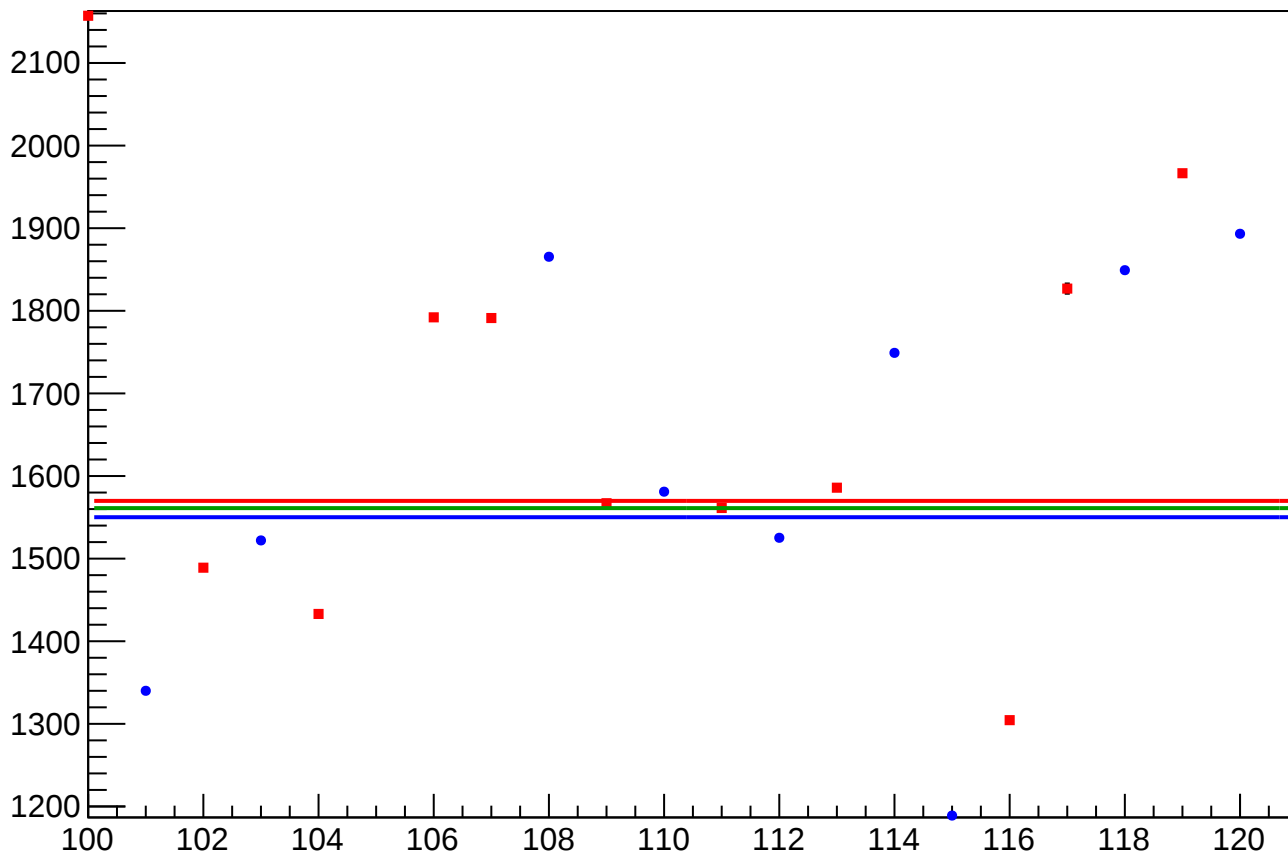
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

443.356+/-851.172 χ^2/NDF : 10.0/8

-419.675+/-566.645 χ^2/NDF : 21.0/20

-1106.592+/-759.375 χ^2/NDF : 9.2/11

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1550.141 $\pm$ 0.602 χ^2 /NDF: 123069.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1569.901 $\pm$ 0.537 χ^2 /NDF: 111023.9/11

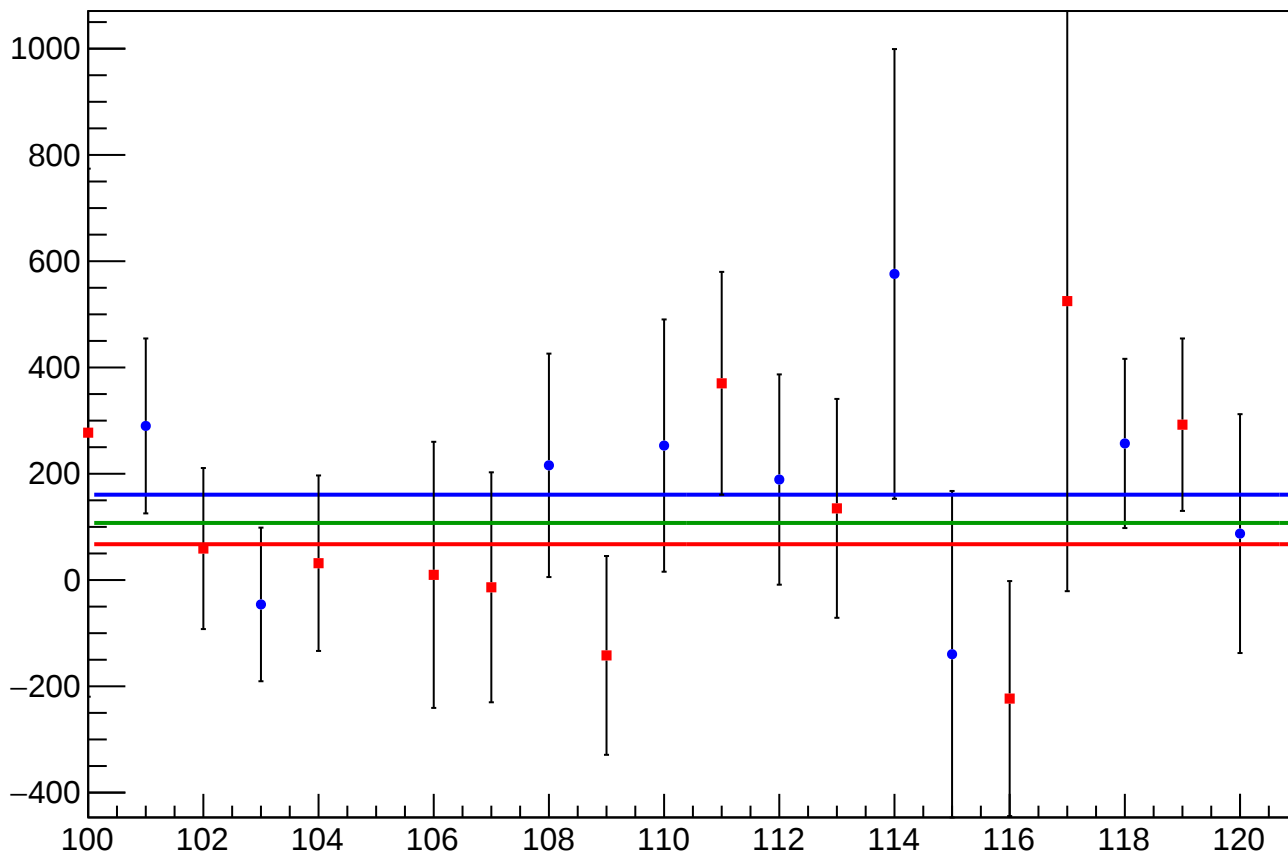
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1550.141 $\pm$ 0.602 χ^2 /NDF: 123069.7/8

1561.144 $\pm$ 0.401 χ^2 /NDF: 234693.7/20

1569.901 $\pm$ 0.537 χ^2 /NDF: 111023.9/11

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 160.629+/-66.504 χ^2/NDF : 5.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.417+/-57.710 χ^2/NDF : 8.5/11

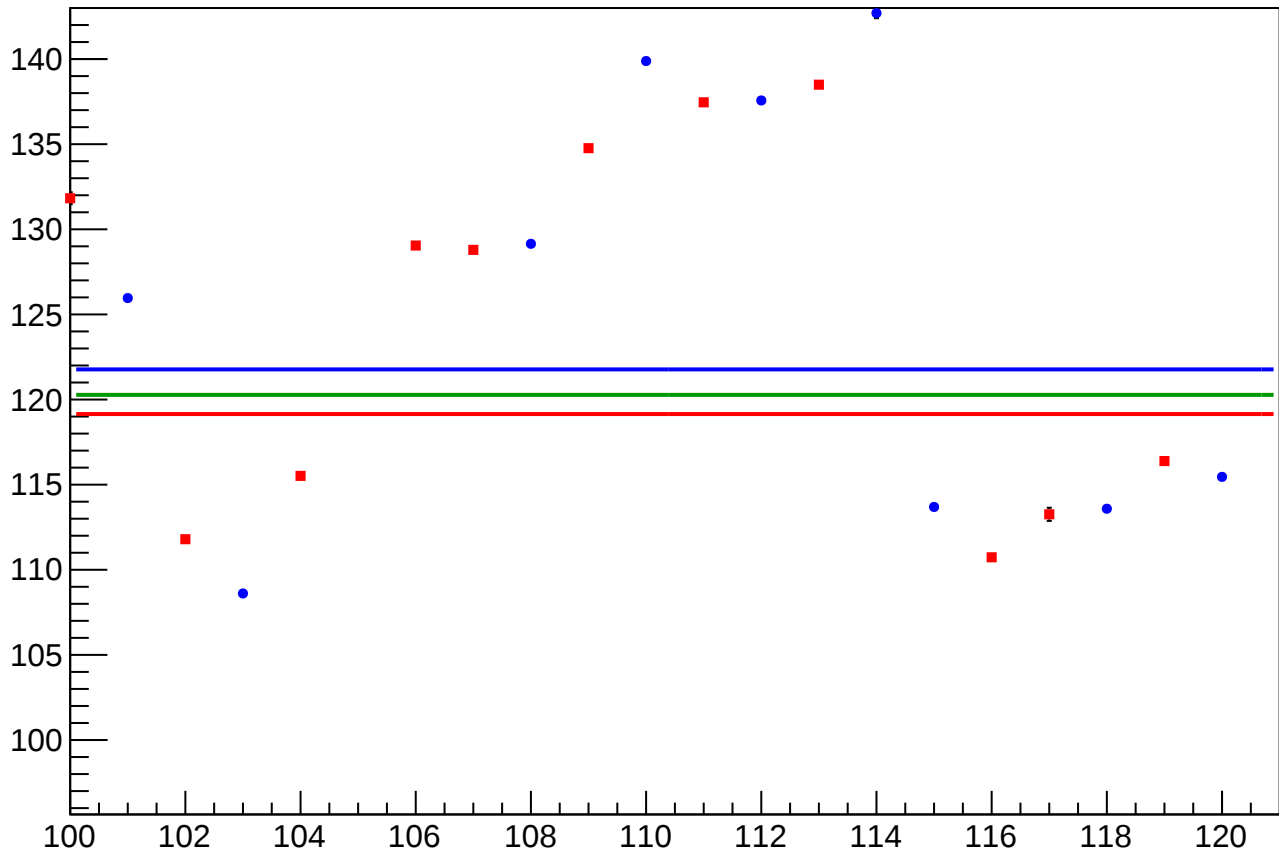
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

160.629+/-66.504 χ^2/NDF : 5.3/8

107.457+/-43.587 χ^2/NDF : 14.9/20

67.417+/-57.710 χ^2/NDF : 8.5/11

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 121.771+/-0.047 χ^2/NDF : 57874.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.148+/-0.041 χ^2/NDF : 110672.5/11

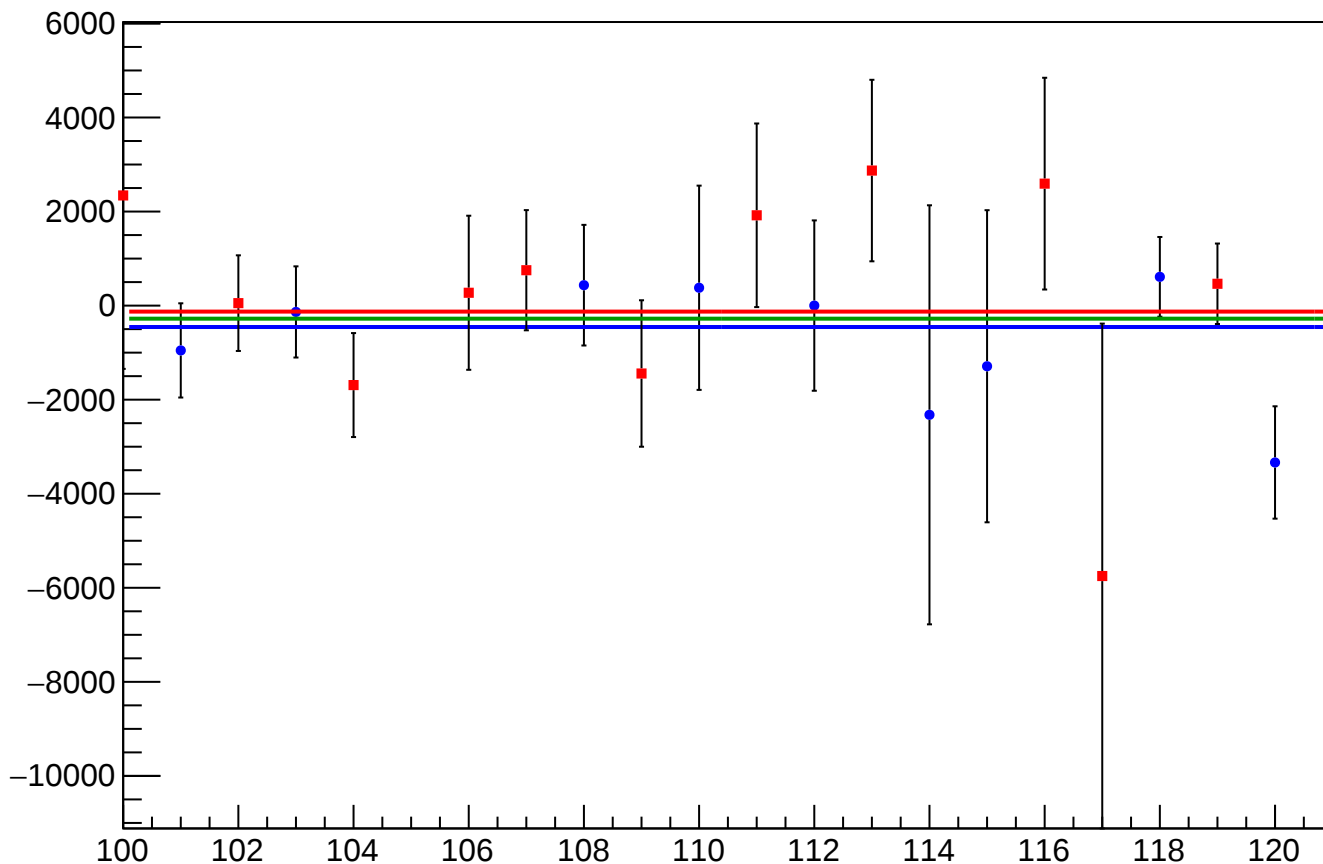
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

121.771+/-0.047 χ^2/NDF : 57874.5/8

120.274+/-0.031 χ^2/NDF : 170321.9/20

119.148+/-0.041 χ^2/NDF : 110672.5/11

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -455.101+/-429.530 χ^2/NDF : 8.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -127.071+/-395.591 χ^2/NDF : 13.2/11

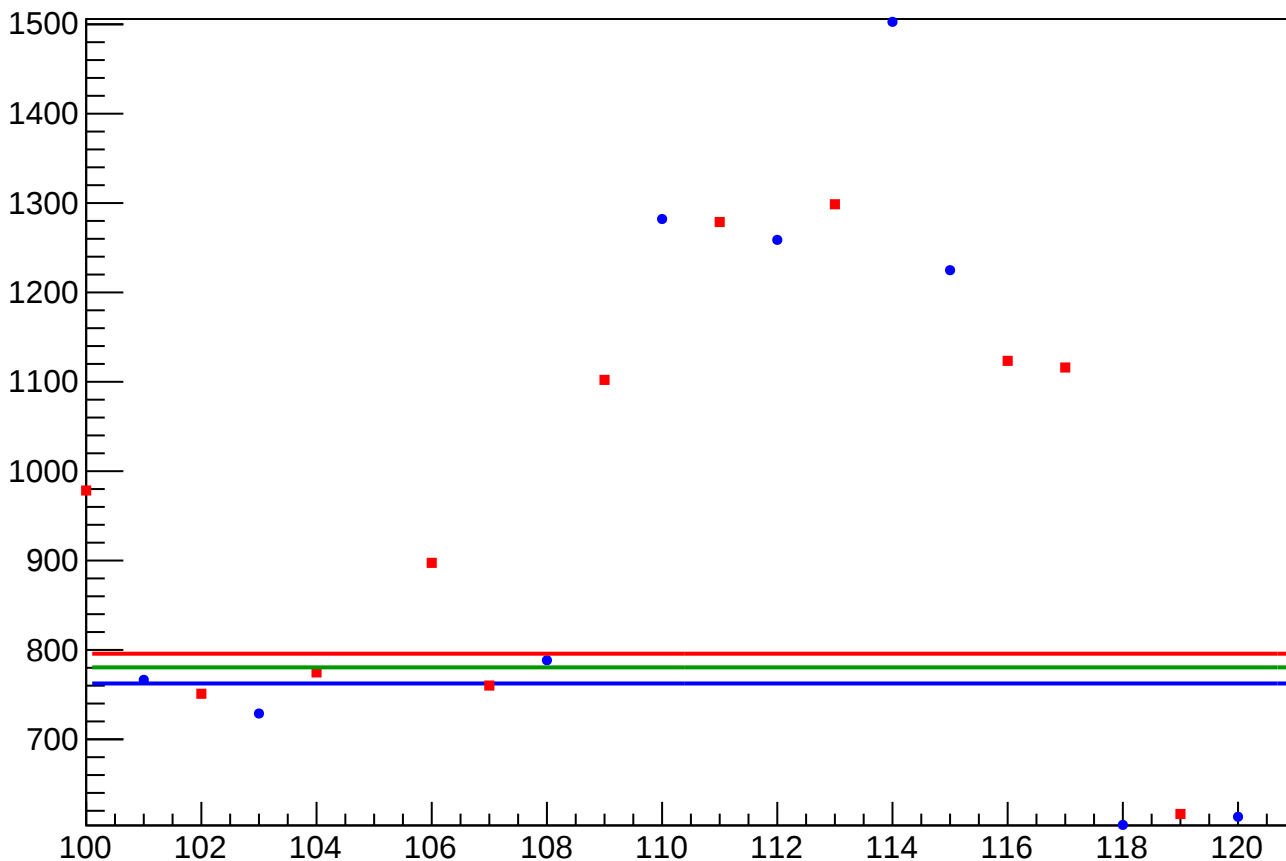
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-455.101+/-429.530 χ^2/NDF : 8.7/8

-277.616+/-290.985 χ^2/NDF : 22.2/20

-127.071+/-395.591 χ^2/NDF : 13.2/11

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 762.462+/-0.304 χ^2/NDF : 463023.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 795.765+/-0.280 χ^2/NDF : 562209.7/11

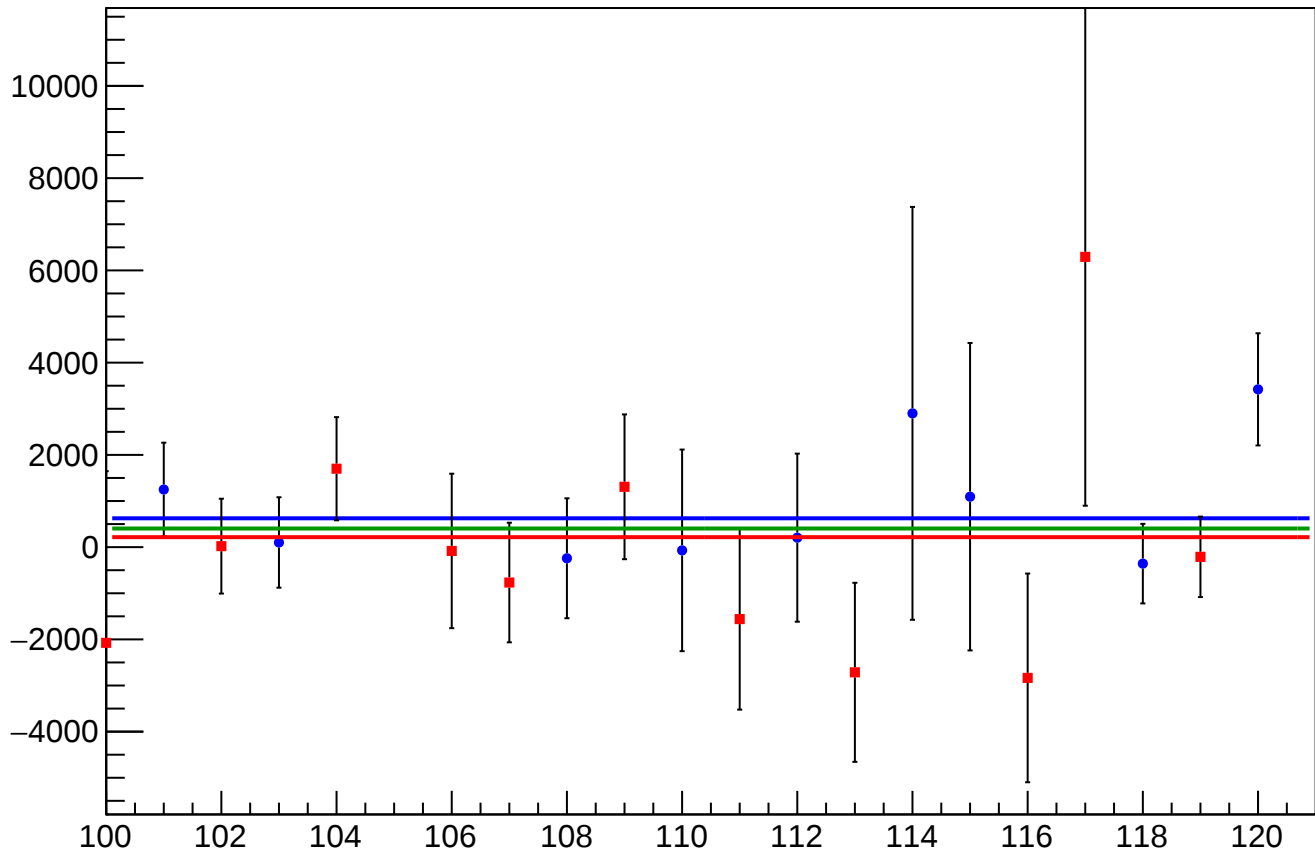
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

762.462+/-0.304 χ^2/NDF : 463023.9/8

780.481+/-0.206 χ^2/NDF : 1031739.0/20

795.765+/-0.280 χ^2/NDF : 562209.7/11

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 625.435+/-435.422 χ^2/NDF : 8.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 216.336+/-400.900 χ^2/NDF : 12.3/11

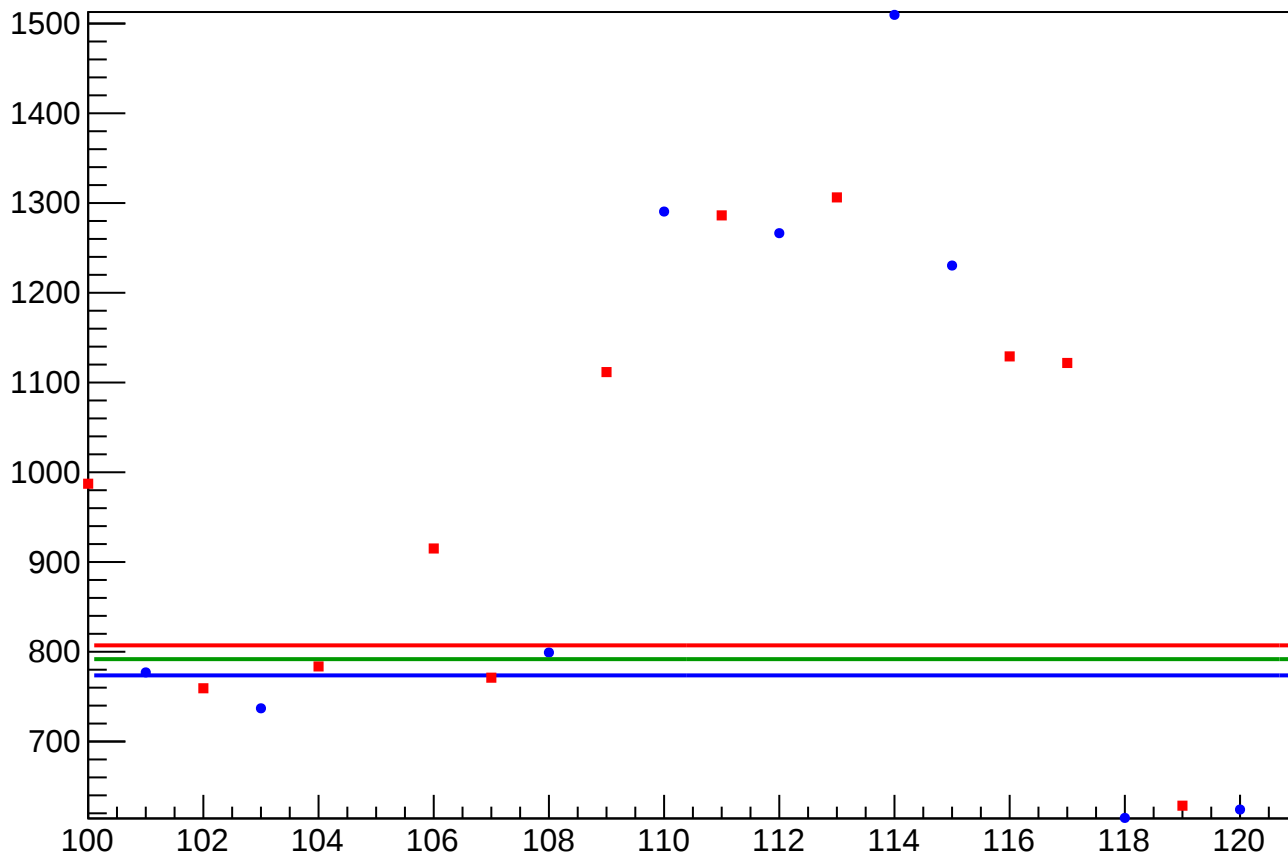
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

625.435+/-435.422 χ^2/NDF : 8.1/8

404.027+/-294.930 χ^2/NDF : 20.9/20

216.336+/-400.900 χ^2/NDF : 12.3/11

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 773.667 ± 0.308 $\chi^2/\text{NDF}: 451412.4/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 807.129 ± 0.283 $\chi^2/\text{NDF}: 547924.3/11$

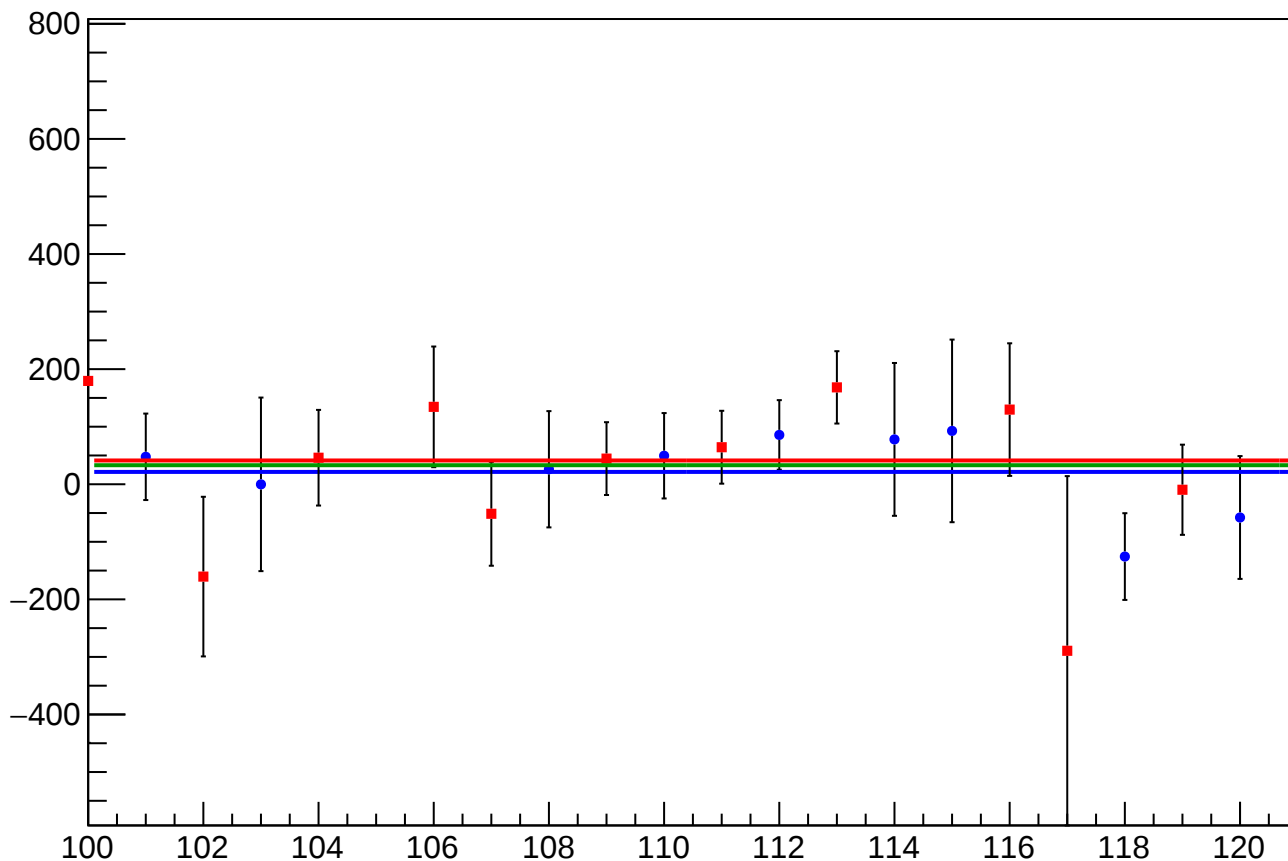
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

773.667 ± 0.308 $\chi^2/\text{NDF}: 451412.4/8$

791.777 ± 0.209 $\chi^2/\text{NDF}: 1005729.0/20$

807.129 ± 0.283 $\chi^2/\text{NDF}: 547924.3/11$

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 21.444+/-29.681 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.314+/-24.988 χ^2/NDF : 12.8/11

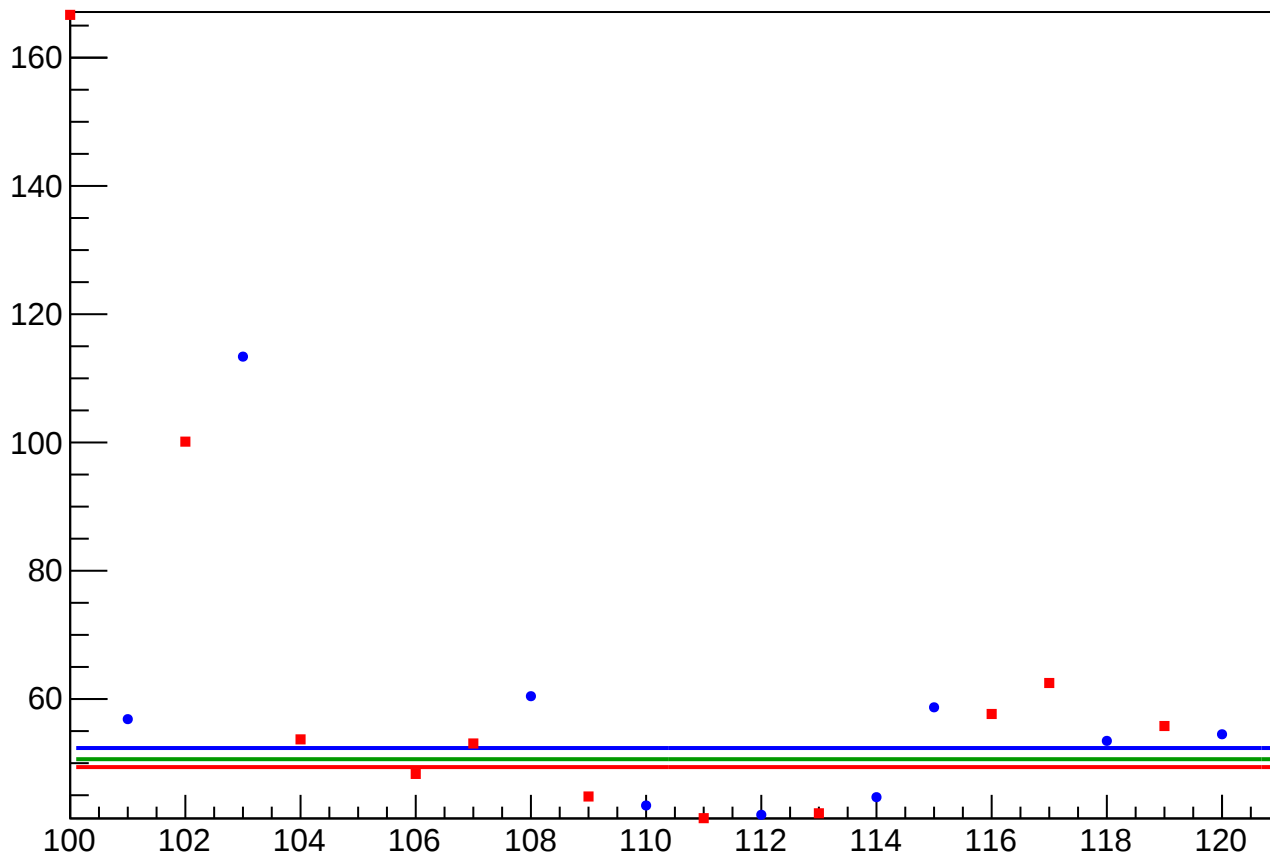
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

21.444+/-29.681 χ^2/NDF : 6.2/8

33.072+/-19.116 χ^2/NDF : 19.2/20

41.314+/-24.988 χ^2/NDF : 12.8/11

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 52.359 +/- 0.021 χ^2/NDF : 447204.5/8

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 49.387 +/- 0.018 χ^2/NDF : 448525.3/11

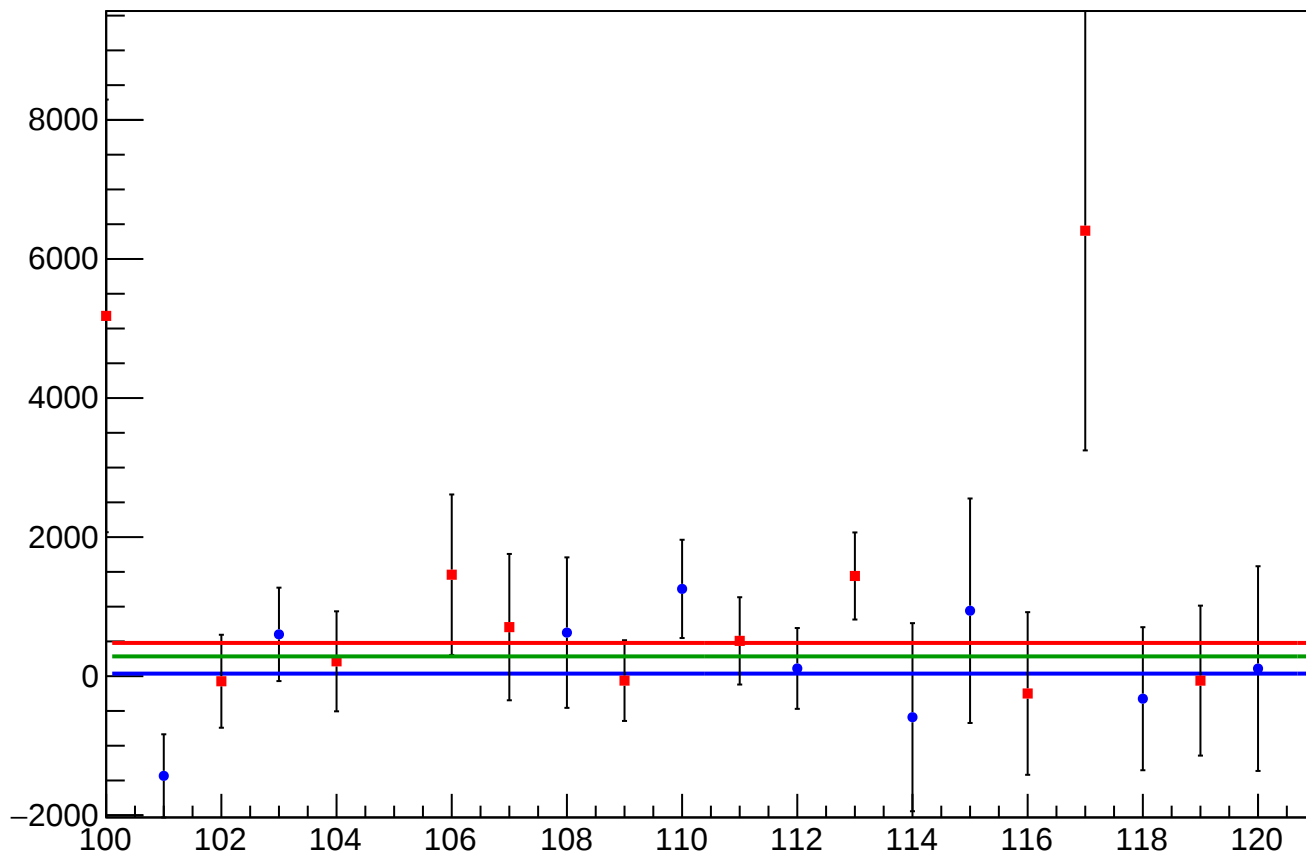
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

52.359 +/- 0.021 χ^2/NDF : 447204.5/8

50.619 +/- 0.014 χ^2/NDF : 907467.4/20

49.387 +/- 0.018 χ^2/NDF : 448525.3/11

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: 36.929+/-275.584 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 478.184+/-243.702 χ^2/NDF : 11.3/11

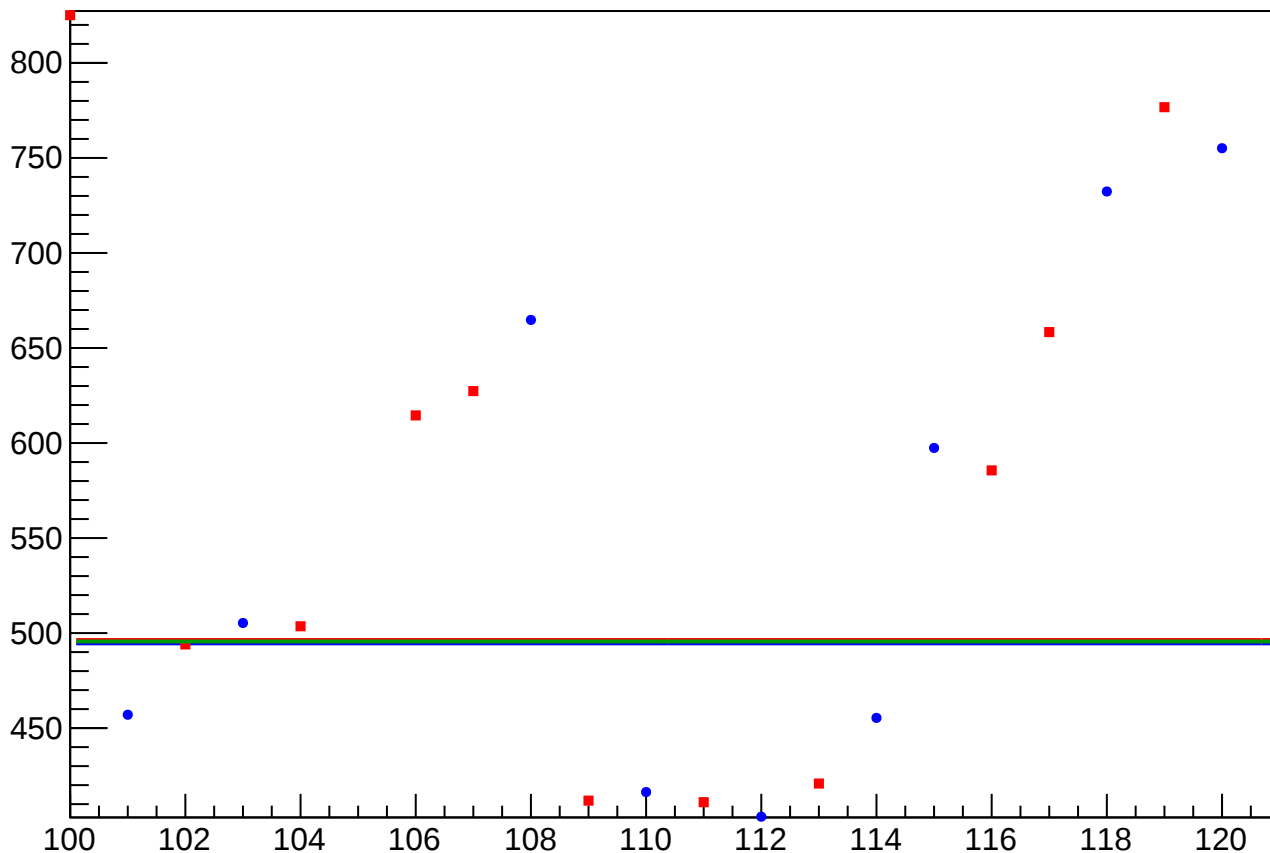
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

36.929+/-275.584 χ^2/NDF : 10.7/8

284.546+/-182.559 χ^2/NDF : 23.4/20

478.184+/-243.702 χ^2/NDF : 11.3/11

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 494.613+/-0.195 χ^2/NDF : 310929.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 496.327+/-0.172 χ^2/NDF : 348155.0/11

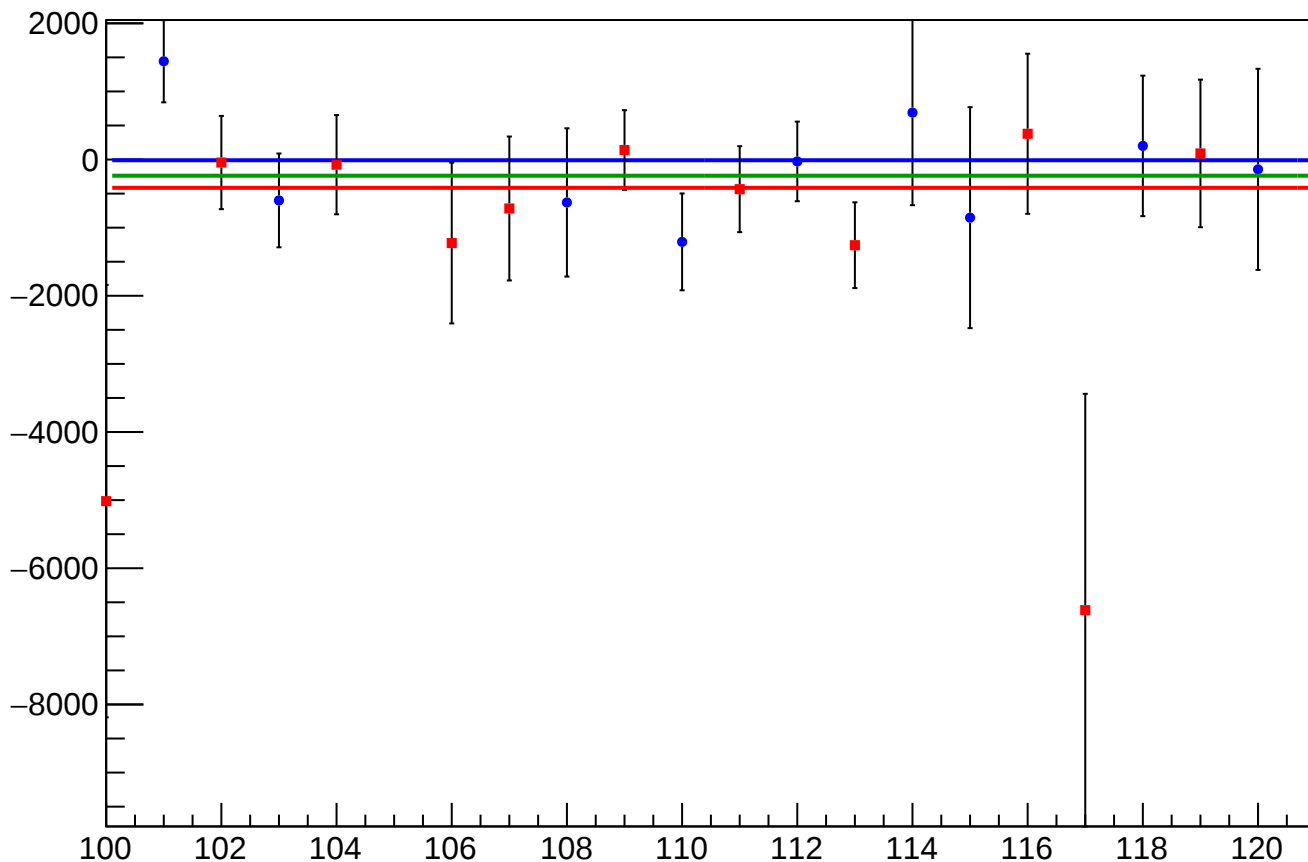
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

494.613+/-0.195 χ^2/NDF : 310929.3/8

495.575+/-0.129 χ^2/NDF : 659127.8/20

496.327+/-0.172 χ^2/NDF : 348155.0/11

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -10.178+/-278.108 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -414.874+/-246.000 χ^2/NDF : 10.3/11

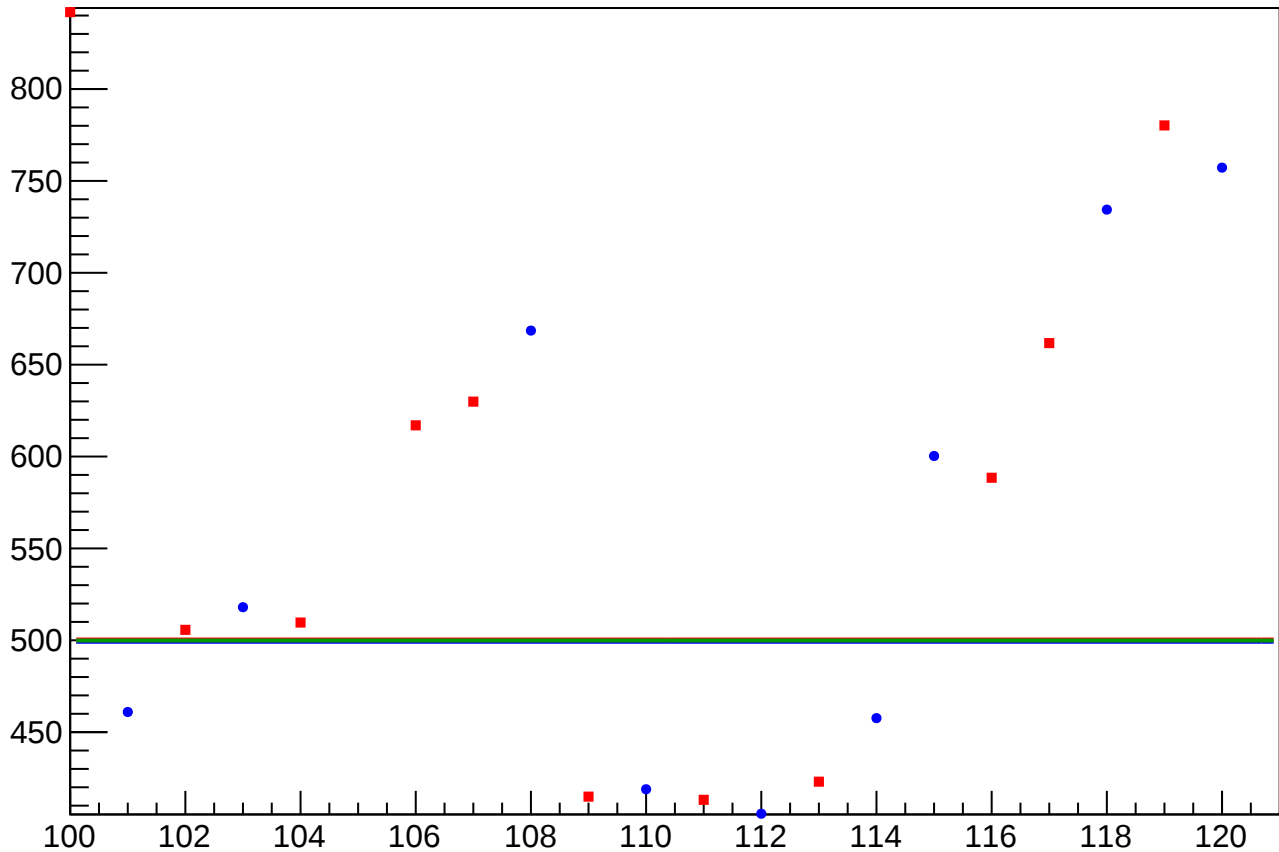
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-10.178+/-278.108 χ^2/NDF : 10.3/8

-237.226+/-184.259 χ^2/NDF : 21.8/20

-414.874+/-246.000 χ^2/NDF : 10.3/11

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 499.203+/-0.197 χ^2/NDF : 309450.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 500.416+/-0.174 χ^2/NDF : 346370.5/11

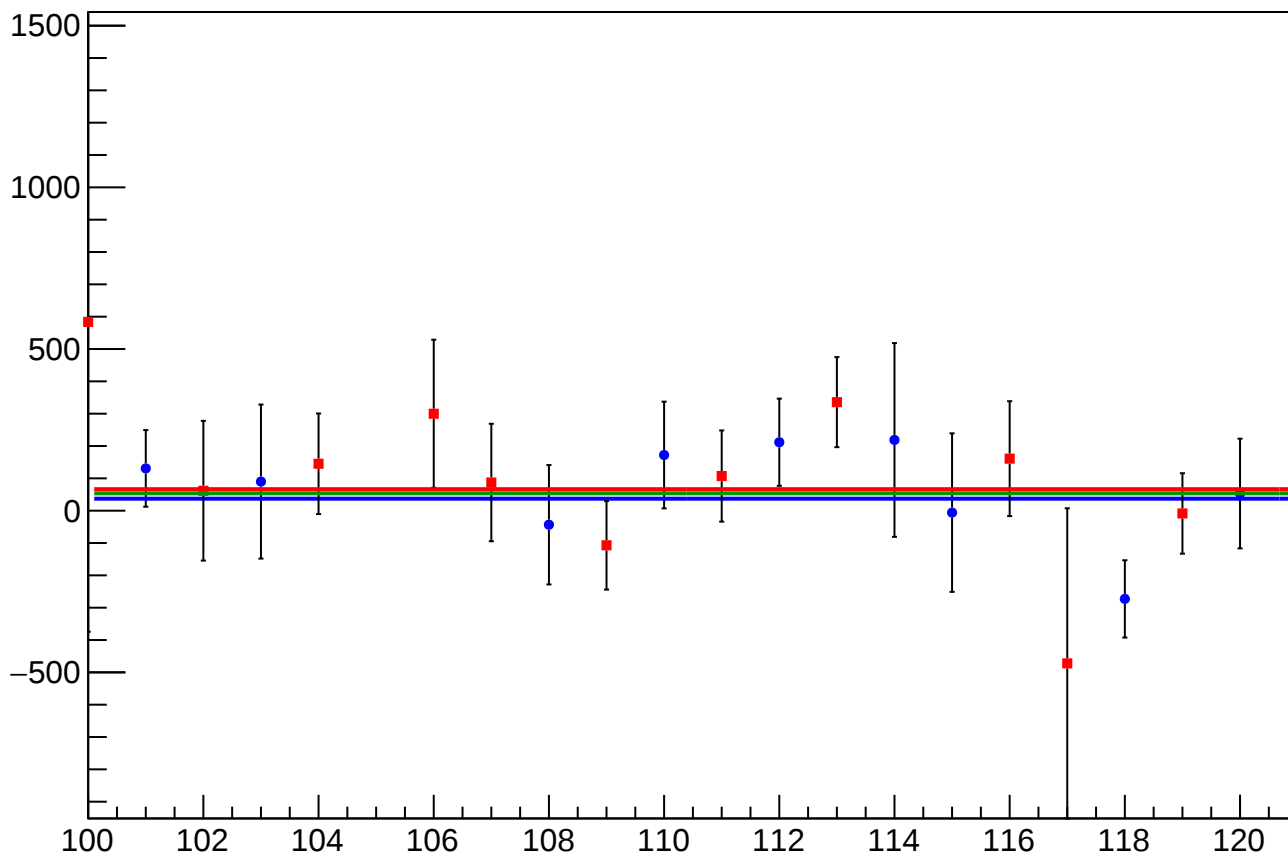
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

499.203+/-0.197 χ^2/NDF : 309450.0/8

499.884+/-0.130 χ^2/NDF : 655841.9/20

500.416+/-0.174 χ^2/NDF : 346370.5/11

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 37.052+/-54.052 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.548+/-47.926 χ^2/NDF : 10.8/11

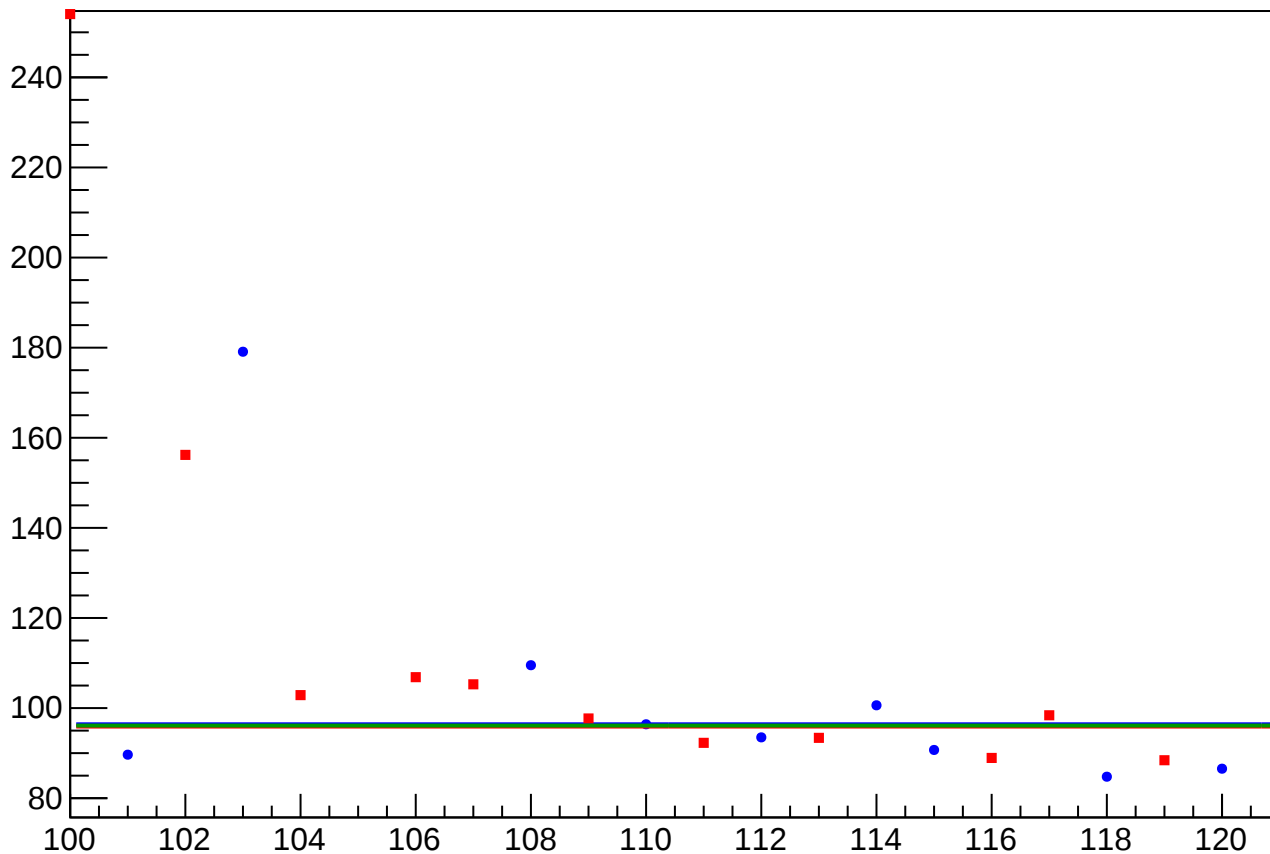
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

37.052+/-54.052 χ^2/NDF : 10.3/8

53.565+/-35.860 χ^2/NDF : 21.3/20

66.548+/-47.926 χ^2/NDF : 10.8/11

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 96.400+/-0.038 χ^2/NDF : 285697.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.903+/-0.034 χ^2/NDF : 290395.9/11

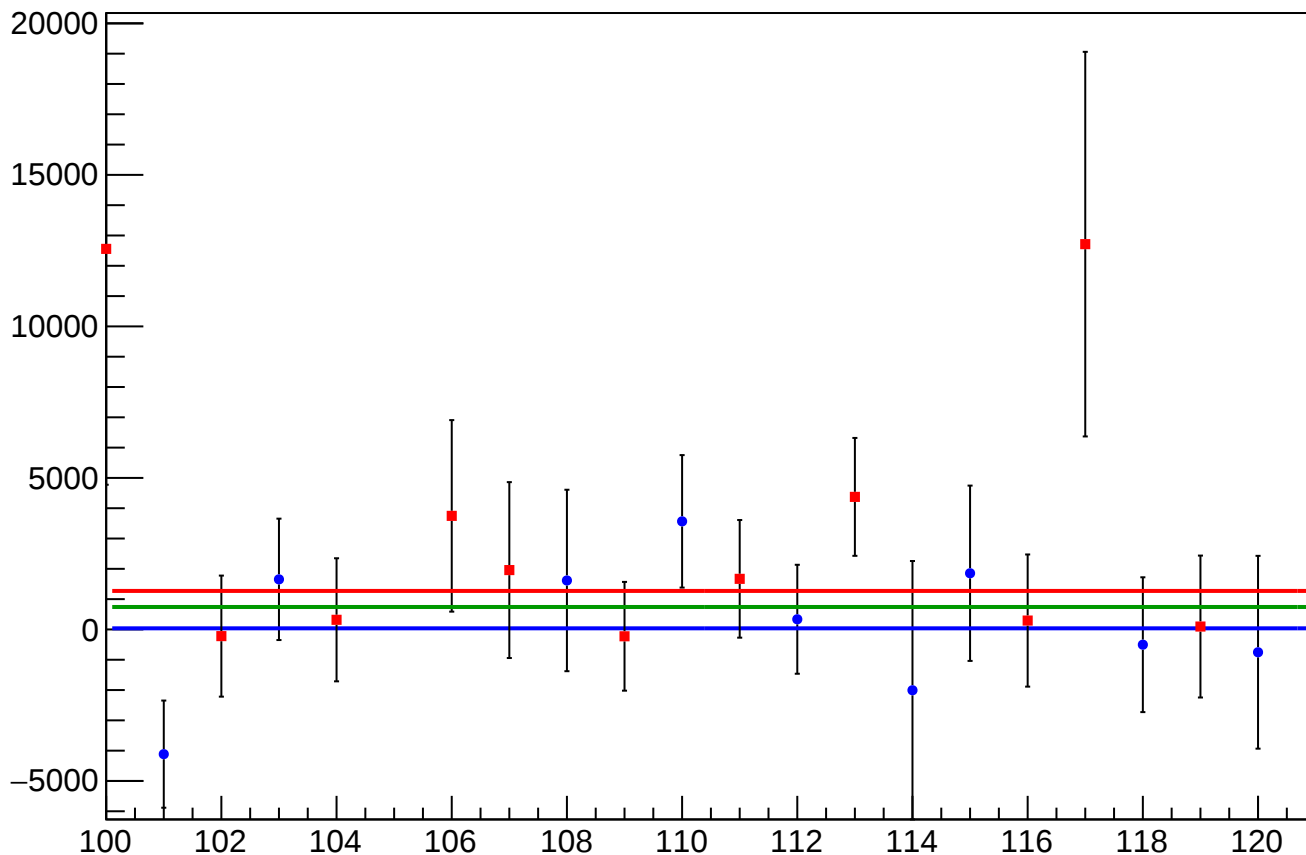
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

96.400+/-0.038 χ^2/NDF : 285697.0/8

96.121+/-0.025 χ^2/NDF : 576187.6/20

95.903+/-0.034 χ^2/NDF : 290395.9/11

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: 36.760+/-772.729 χ^2/NDF : 9.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1270.881+/-670.116 χ^2/NDF : 10.8/11

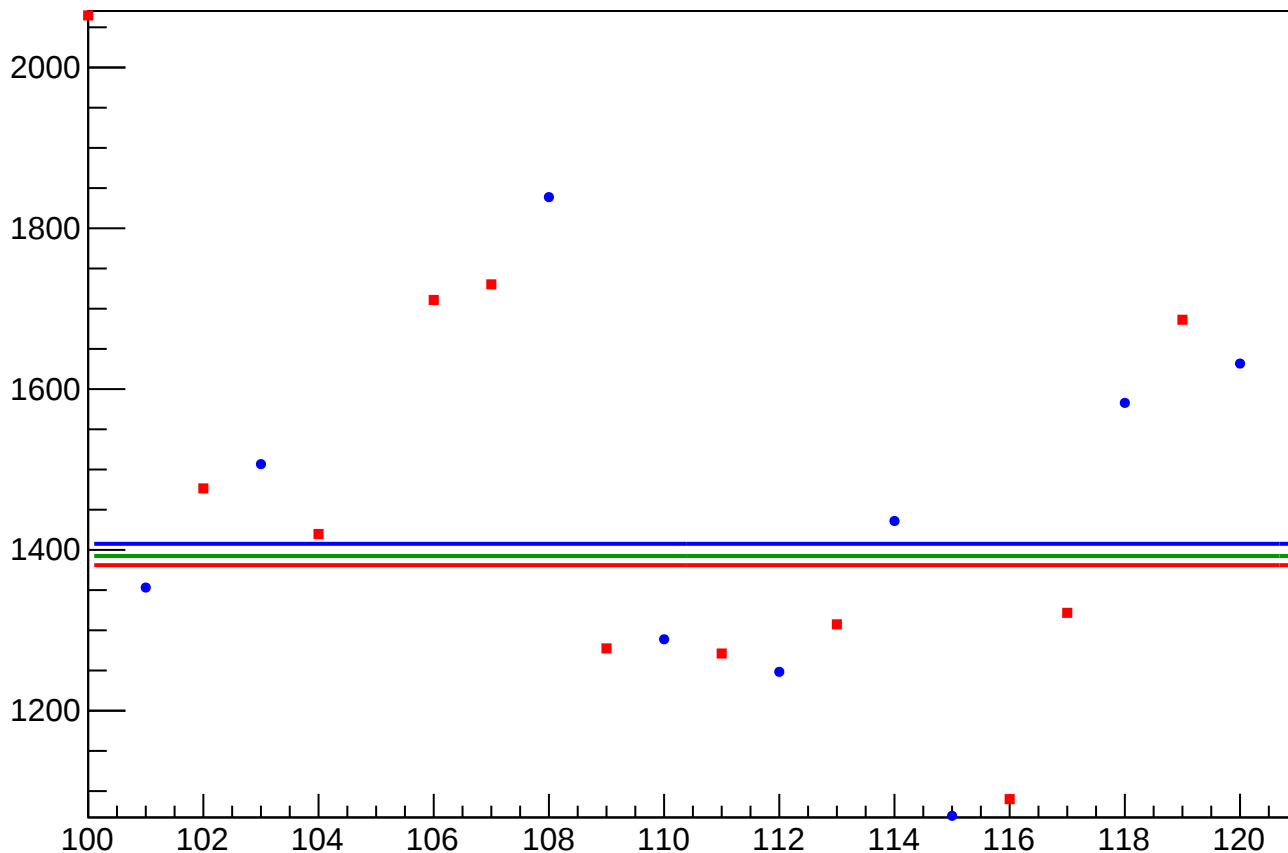
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

36.760+/-772.729 χ^2/NDF : 9.8/8

741.148+/-506.264 χ^2/NDF : 22.1/20

1270.881+/-670.116 χ^2/NDF : 10.8/11

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1407.580+/-0.546 χ^2/NDF : 119665.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1381.012+/-0.474 χ^2/NDF : 165369.7/11

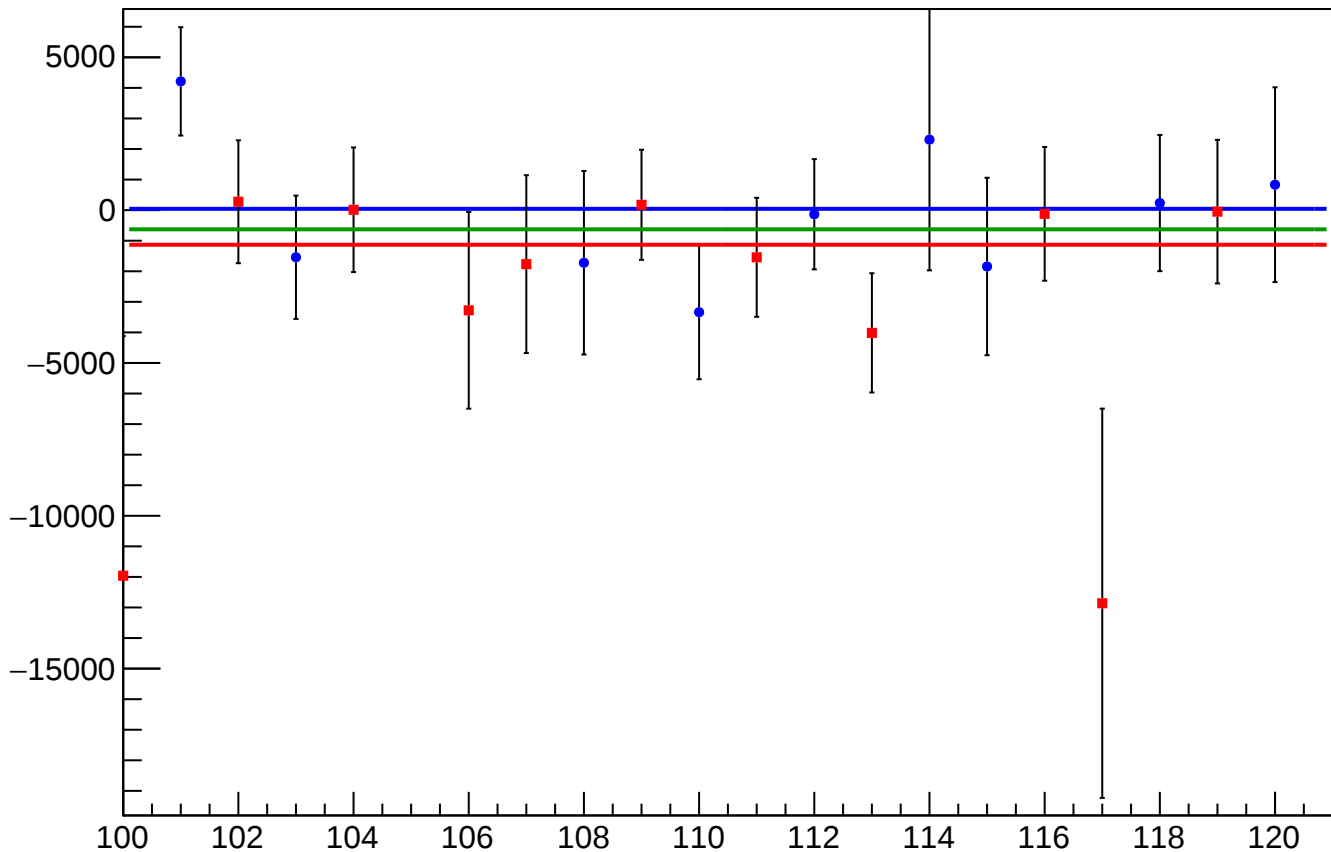
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1407.580+/-0.546 χ^2/NDF : 119665.9/8

1392.416+/-0.358 χ^2/NDF : 286385.0/20

1381.012+/-0.474 χ^2/NDF : 165369.7/11

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 43.255+/-775.242 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1132.324+/-672.854 χ^2/NDF : 9.9/11

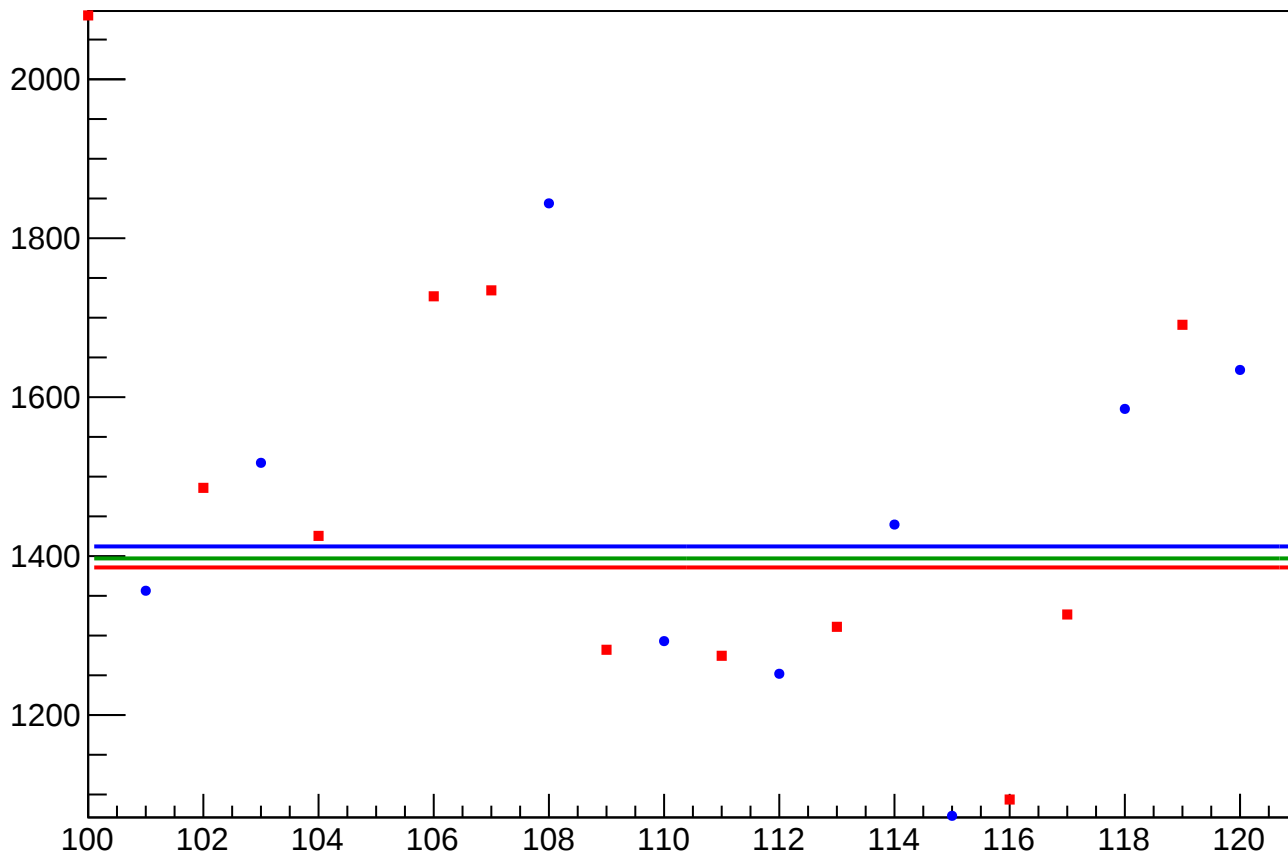
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

43.255+/-775.242 χ^2/NDF : 9.7/8

-627.241+/-508.151 χ^2/NDF : 20.9/20

-1132.324+/-672.854 χ^2/NDF : 9.9/11

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1412.159+/-0.548 χ^2/NDF : 119622.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1385.718+/-0.476 χ^2/NDF : 166762.5/11

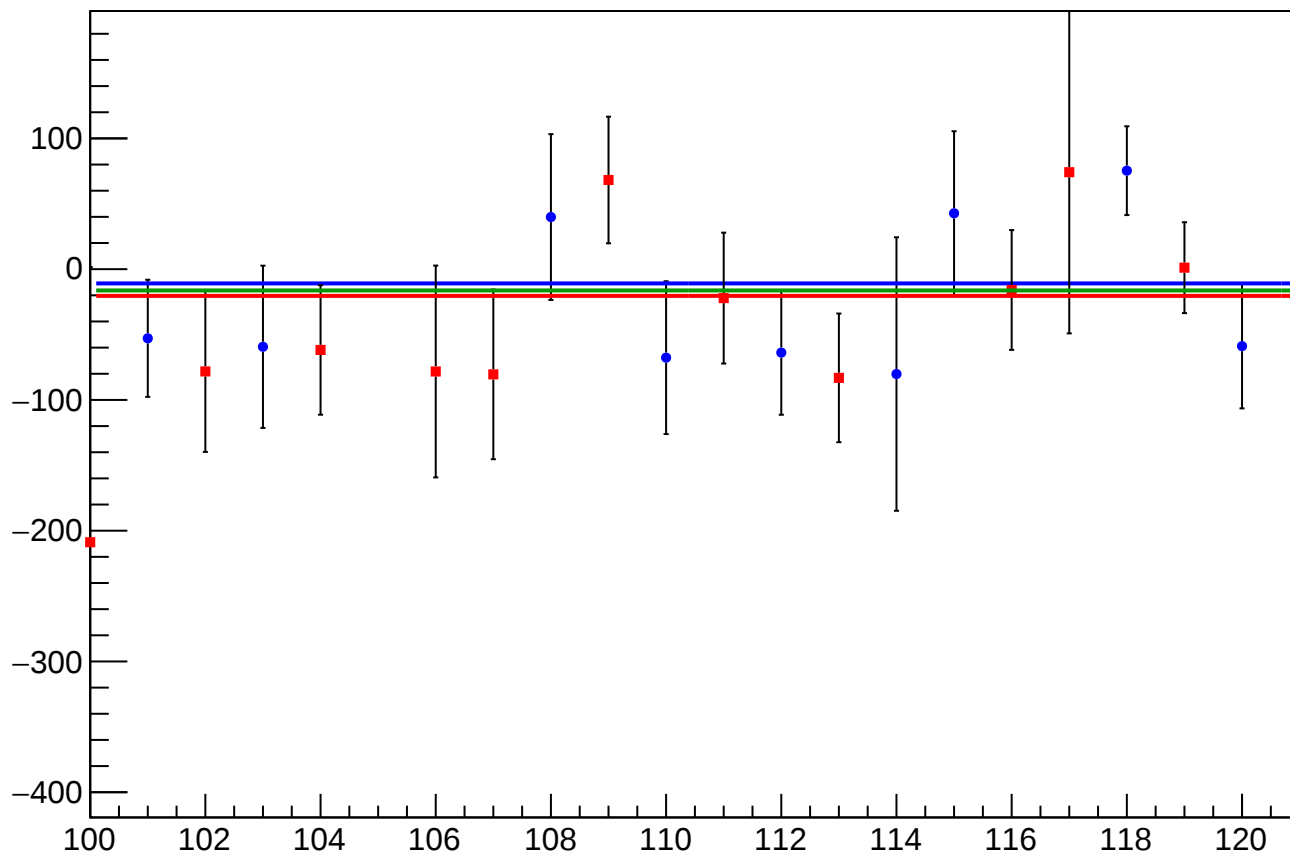
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1412.159+/-0.548 χ^2/NDF : 119622.0/8

1397.078+/-0.359 χ^2/NDF : 287711.4/20

1385.718+/-0.476 χ^2/NDF : 166762.5/11

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -10.899 ± 17.159 χ^2/NDF : 12.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -20.419 ± 15.073 χ^2/NDF : 10.4/11

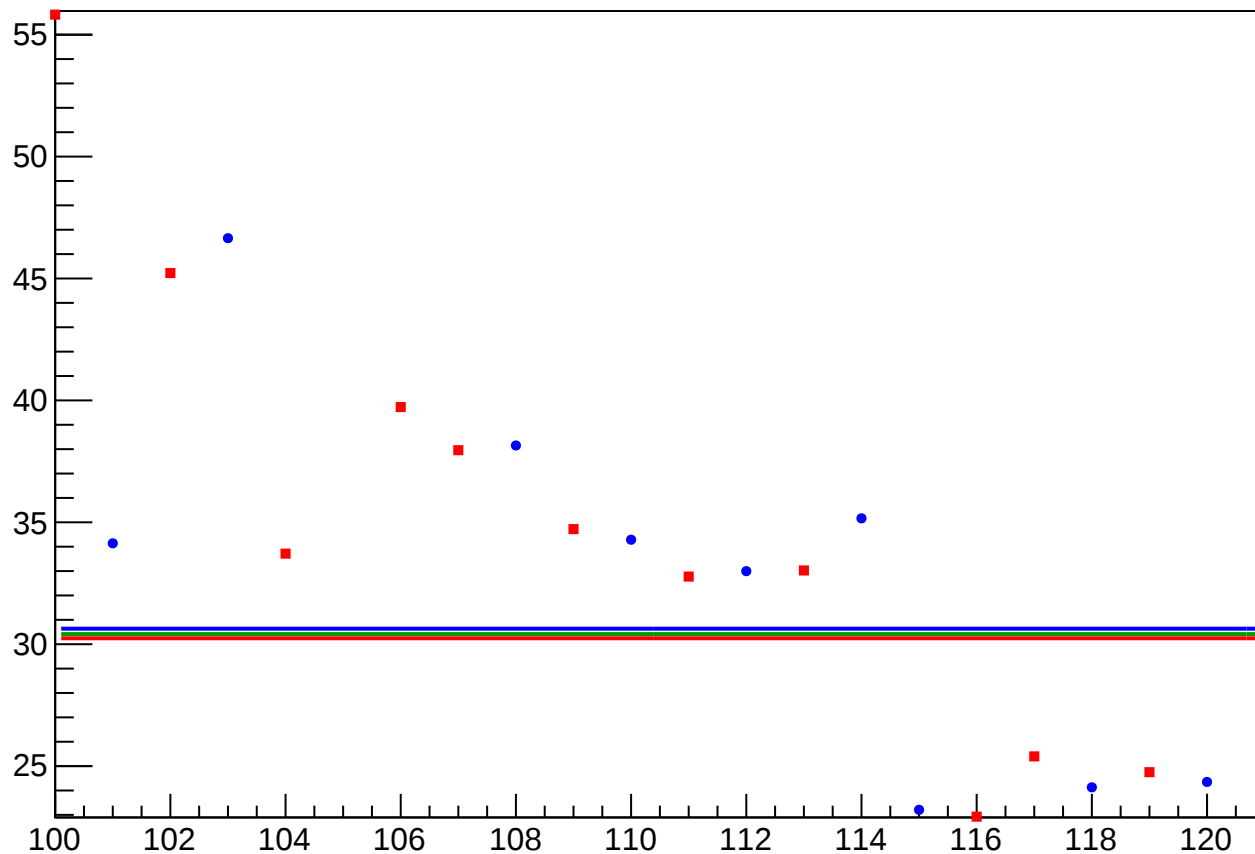
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-10.899 ± 17.159 χ^2/NDF : 12.9/8

-16.272 ± 11.324 χ^2/NDF : 23.5/20

-20.419 ± 15.073 χ^2/NDF : 10.4/11

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 30.637 $\pm$ 0.012 χ^2 /NDF: 326452.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 30.243 $\pm$ 0.011 χ^2 /NDF: 415078.5/11

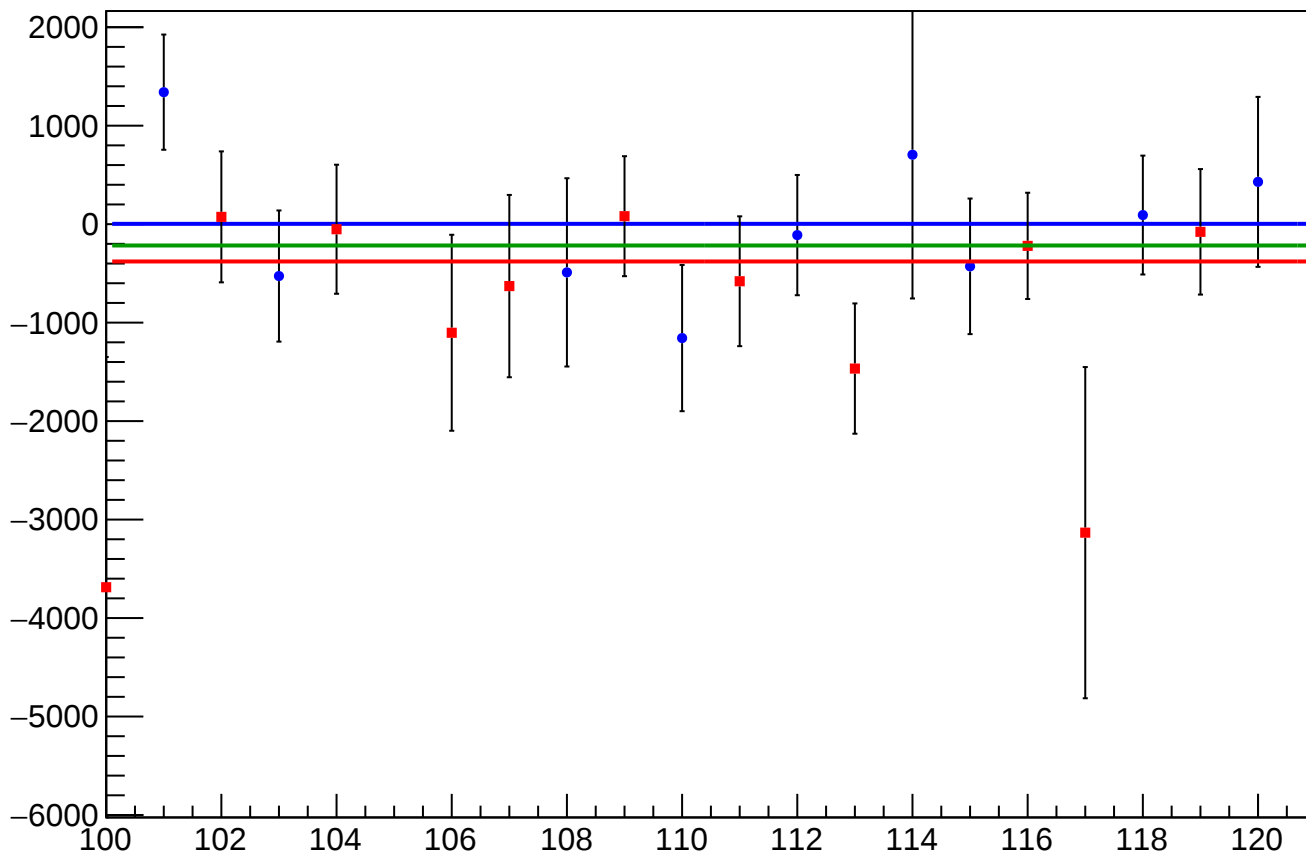
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

30.637 $\pm$ 0.012 χ^2 /NDF: 326452.0/8

30.415 $\pm$ 0.008 χ^2 /NDF: 742125.2/20

30.243 $\pm$ 0.011 χ^2 /NDF: 415078.5/11

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 3.145+/-239.506 χ^2/NDF : 9.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -378.983+/-205.826 χ^2/NDF : 10.2/11

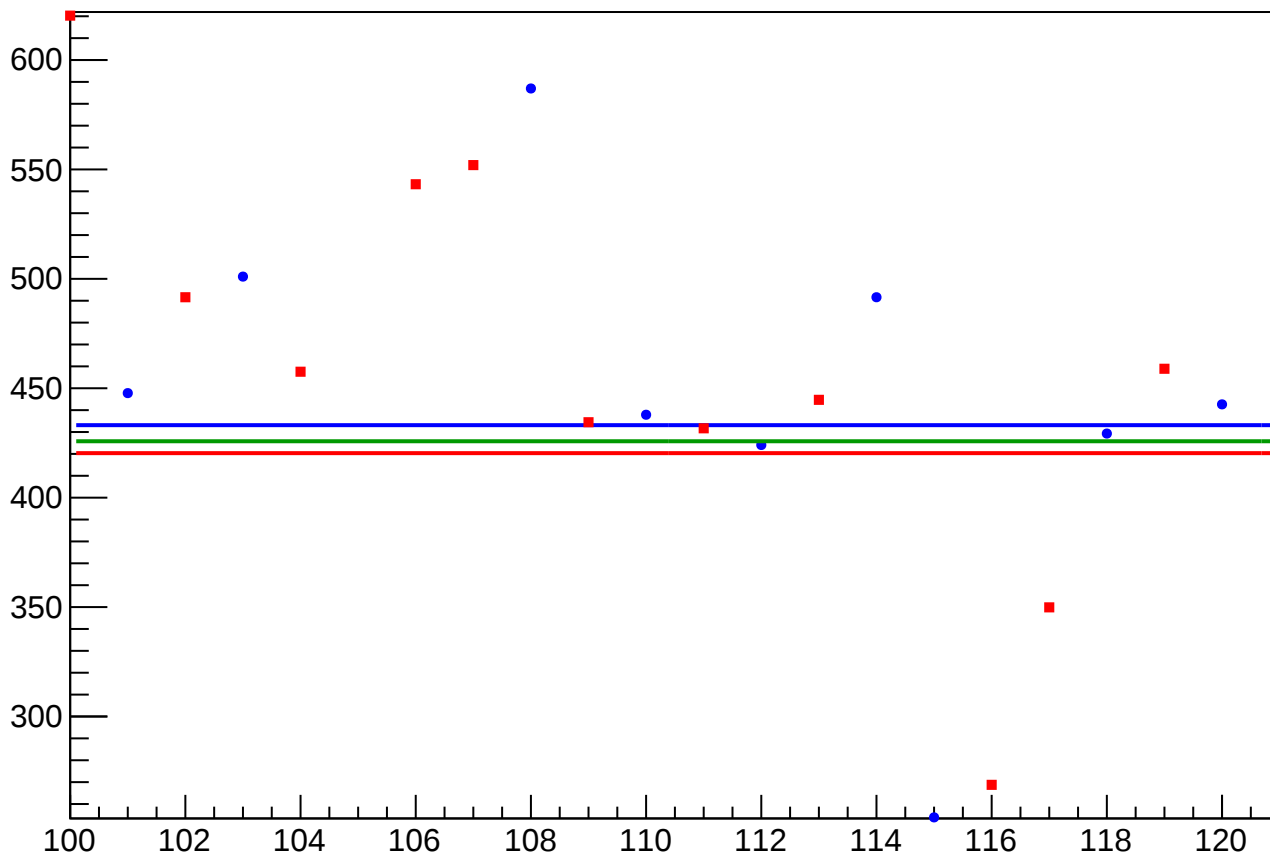
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.145+/-239.506 χ^2/NDF : 9.5/8

-216.654+/-156.102 χ^2/NDF : 21.1/20

-378.983+/-205.826 χ^2/NDF : 10.2/11

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 433.134+/-0.169 χ^2/NDF : 213497.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 420.347+/-0.146 χ^2/NDF : 322267.3/11

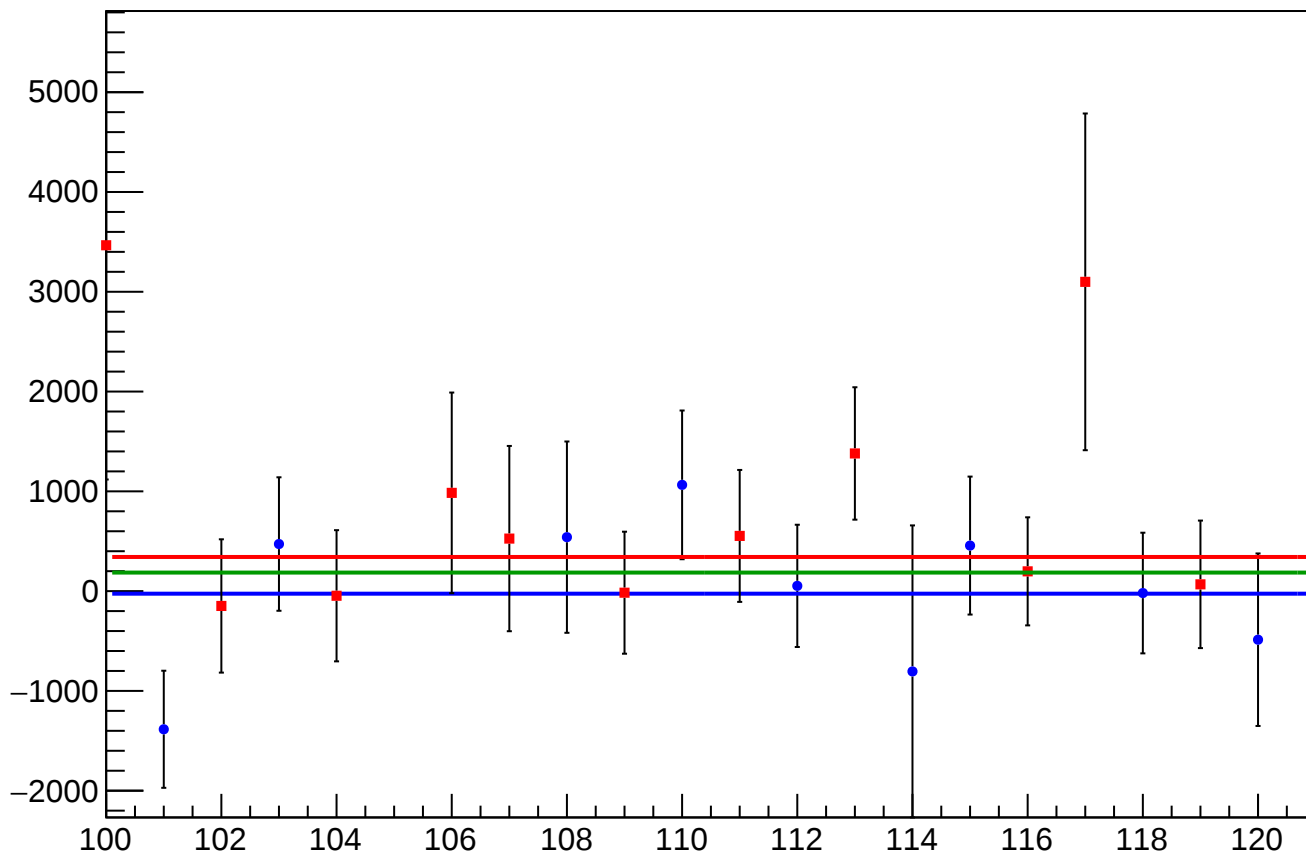
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

433.134+/-0.169 χ^2/NDF : 213497.5/8

425.779+/-0.110 χ^2/NDF : 539043.7/20

420.347+/-0.146 χ^2/NDF : 322267.3/11

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -25.656+/-240.230 χ^2/NDF : 9.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 342.325+/-206.544 χ^2/NDF : 9.3/11

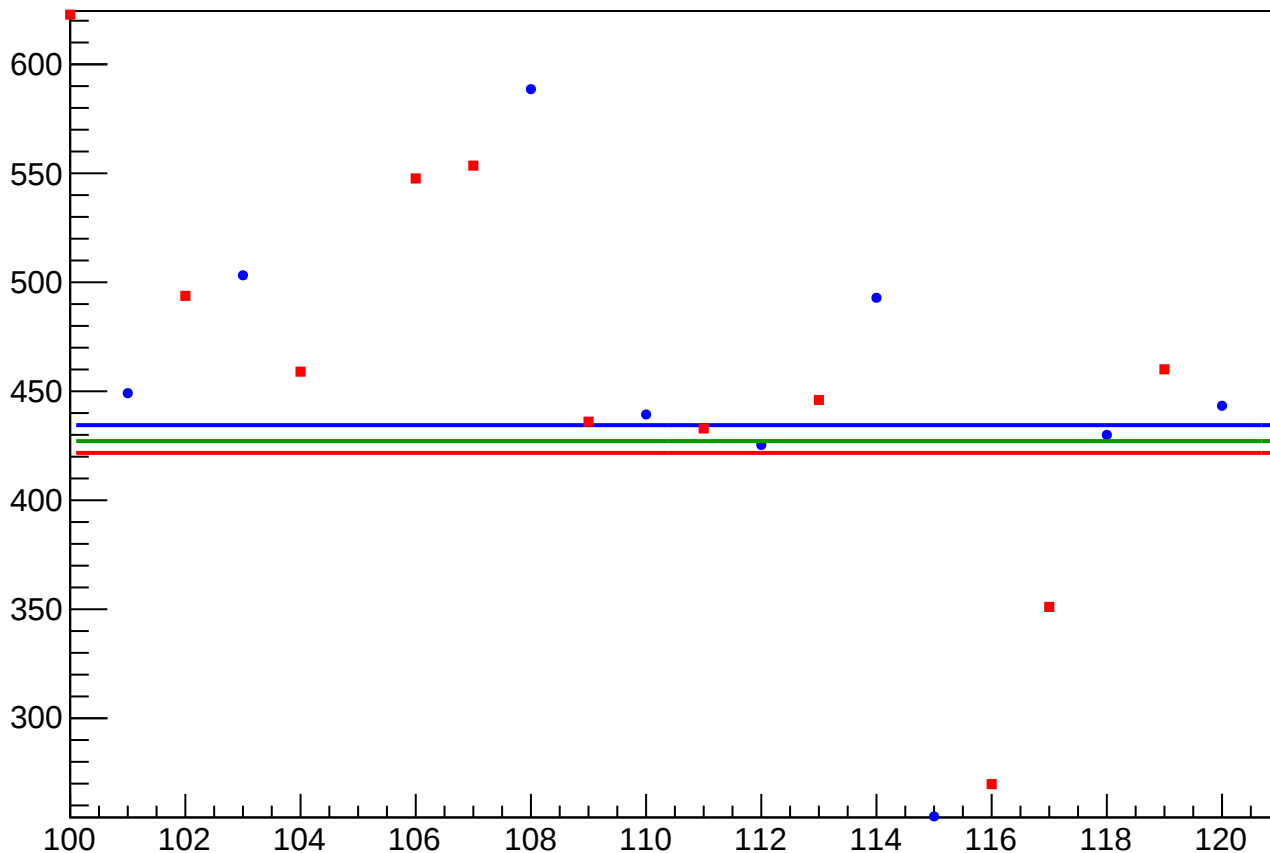
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-25.656+/-240.230 χ^2/NDF : 9.5/8

185.923+/-156.616 χ^2/NDF : 20.1/20

342.325+/-206.544 χ^2/NDF : 9.3/11

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 434.464+/-0.170 χ^2/NDF : 212956.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 421.729+/-0.146 χ^2/NDF : 323138.1/11

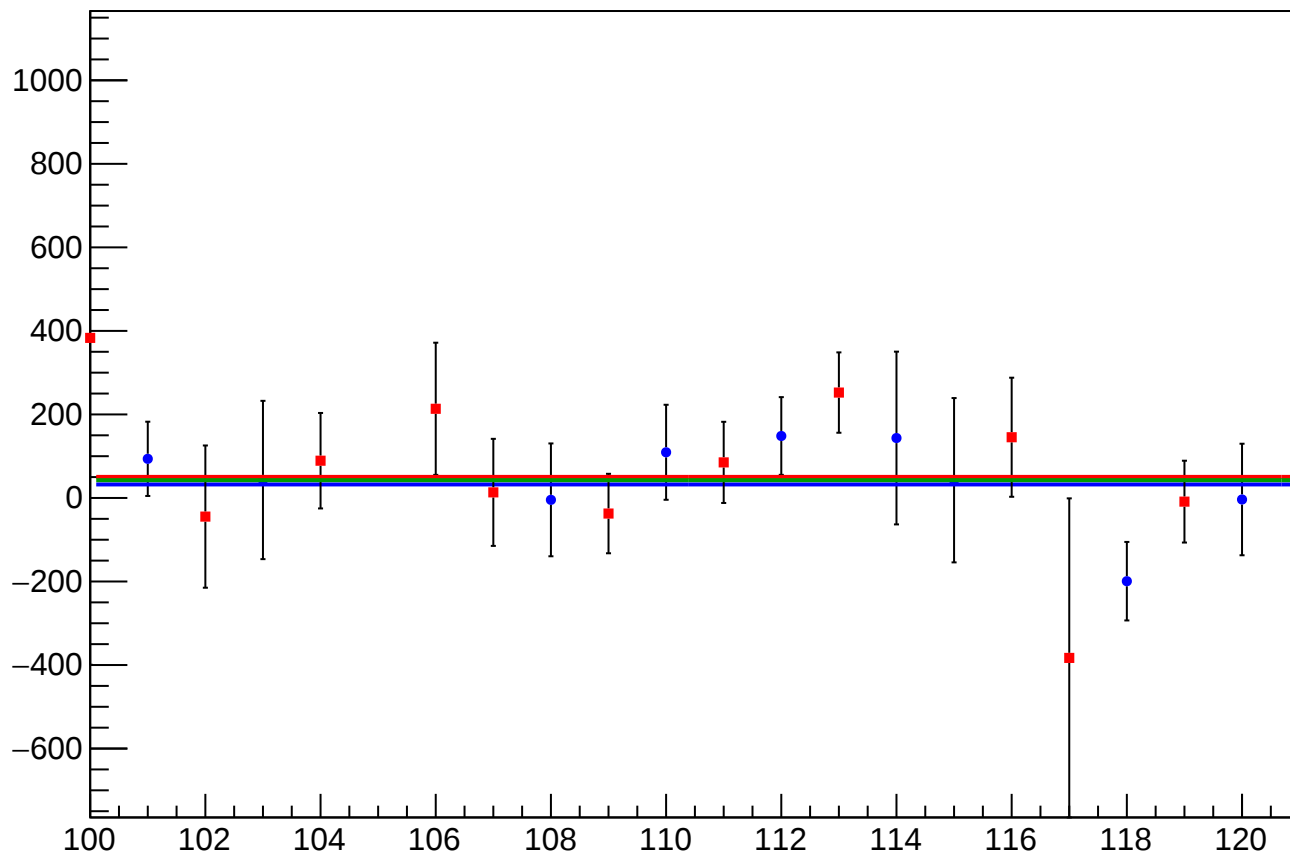
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

434.464+/-0.170 χ^2/NDF : 212956.7/8

427.142+/-0.111 χ^2/NDF : 539326.3/20

421.729+/-0.146 χ^2/NDF : 323138.1/11

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 32.375+/-40.146 χ^2/NDF : 9.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.448+/-35.094 χ^2/NDF : 11.4/11

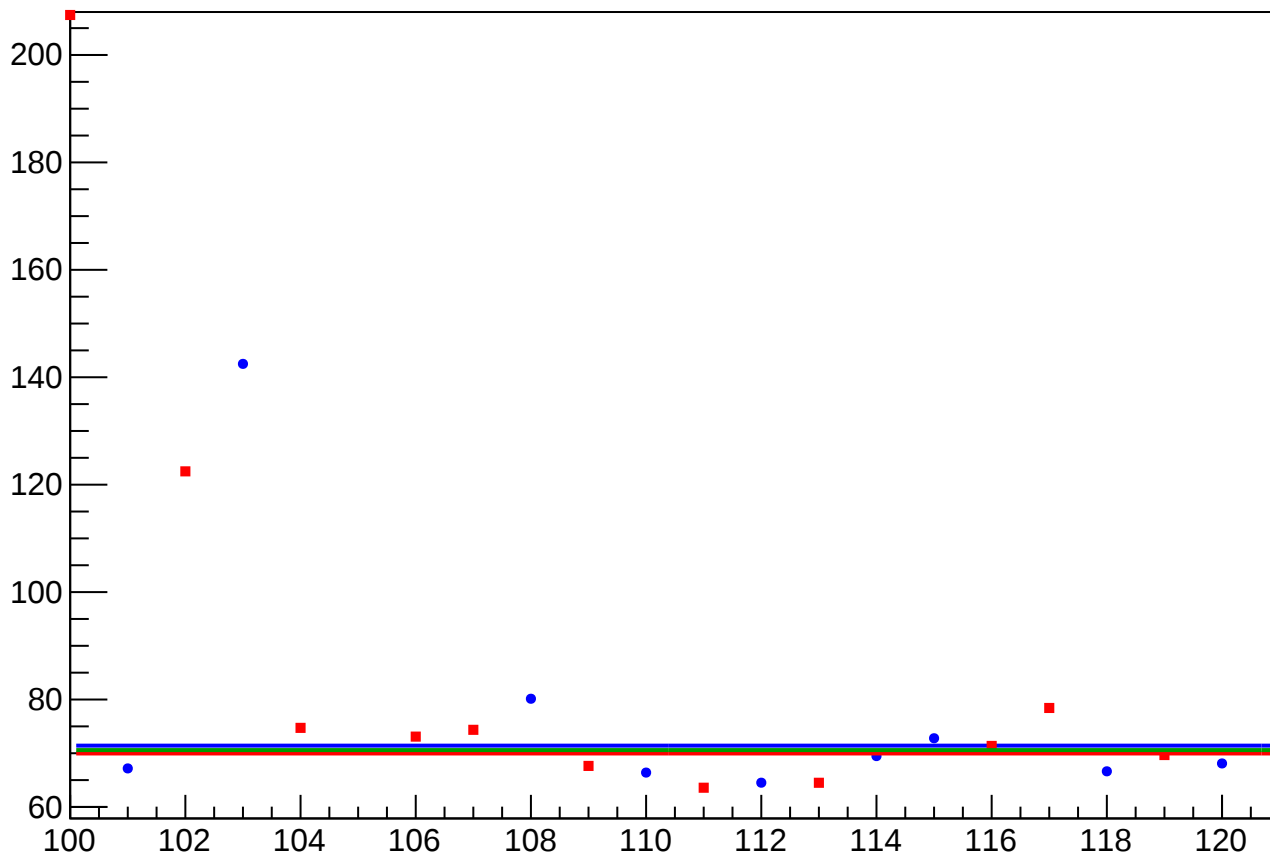
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.375+/-40.146 χ^2/NDF : 9.0/8

42.620+/-26.422 χ^2/NDF : 20.6/20

50.448+/-35.094 χ^2/NDF : 11.4/11

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 71.414+/-0.028 χ^2/NDF : 315842.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.957+/-0.025 χ^2/NDF : 309024.2/11

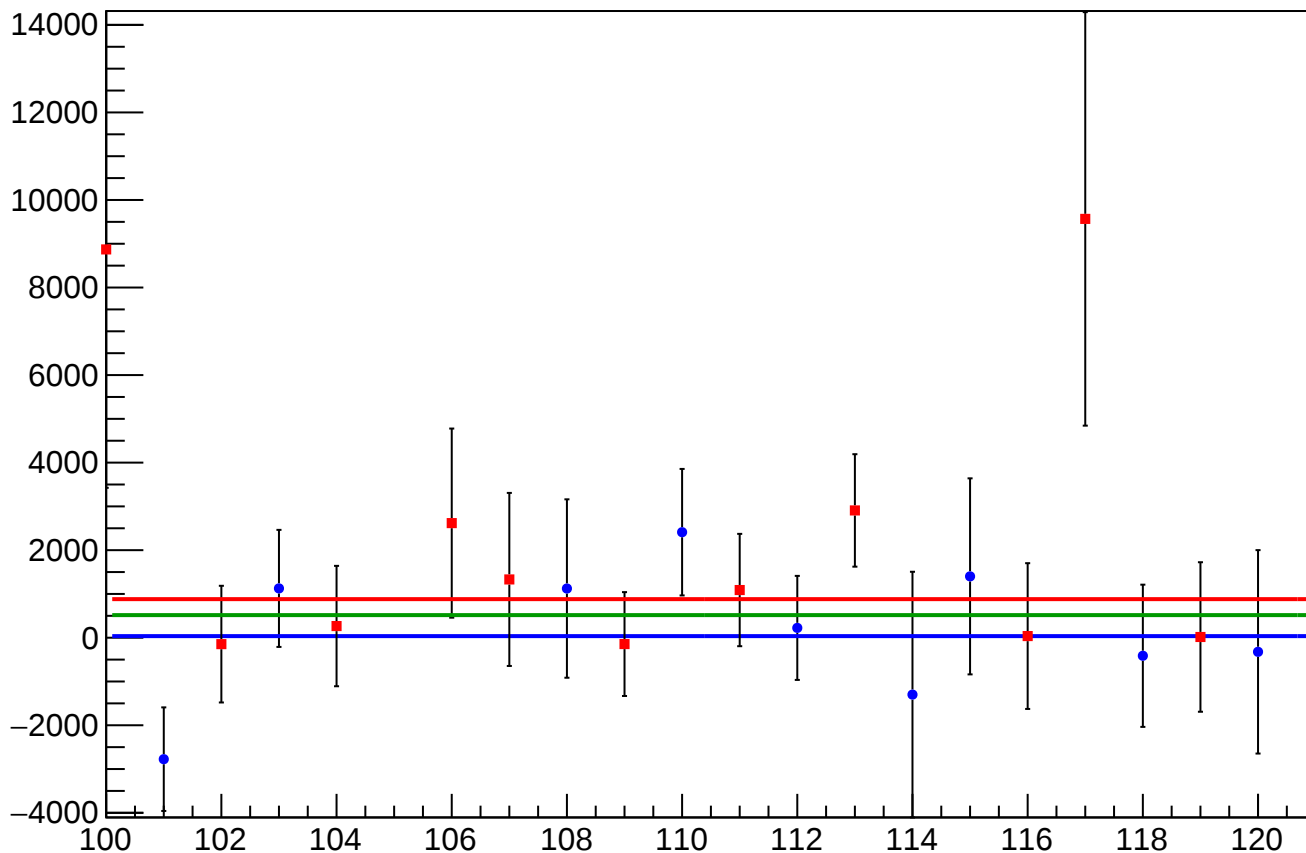
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

71.414+/-0.028 χ^2/NDF : 315842.2/8

70.588+/-0.019 χ^2/NDF : 626360.5/20

69.957+/-0.025 χ^2/NDF : 309024.2/11

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: 36.361+/-527.618 χ^2/NDF : 10.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 881.280+/-460.042 χ^2/NDF : 11.0/11

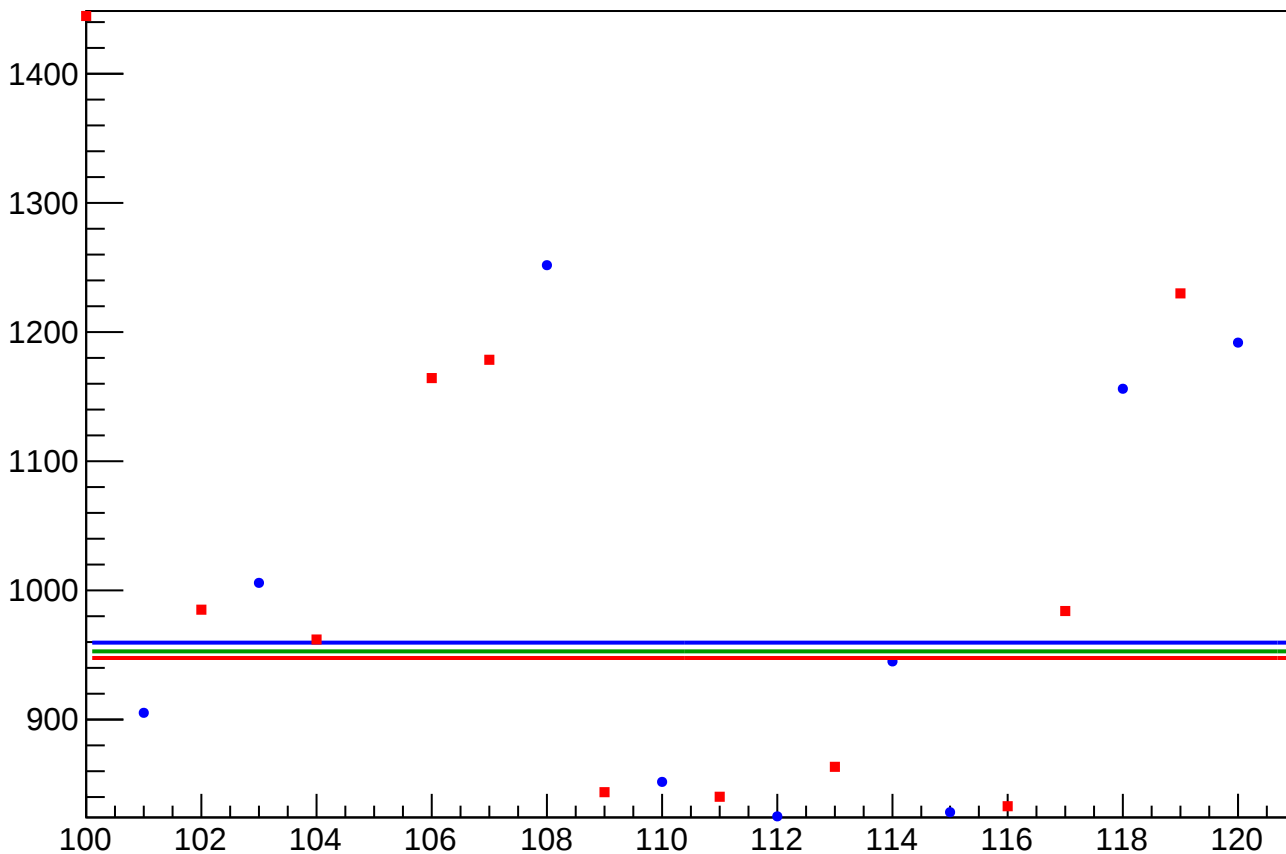
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

36.361+/-527.618 χ^2/NDF : 10.0/8

516.360+/-346.745 χ^2/NDF : 22.4/20

881.280+/-460.042 χ^2/NDF : 11.0/11

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 959.560+/-0.373 χ^2/NDF : 140701.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 947.660+/-0.325 χ^2/NDF : 169483.5/11

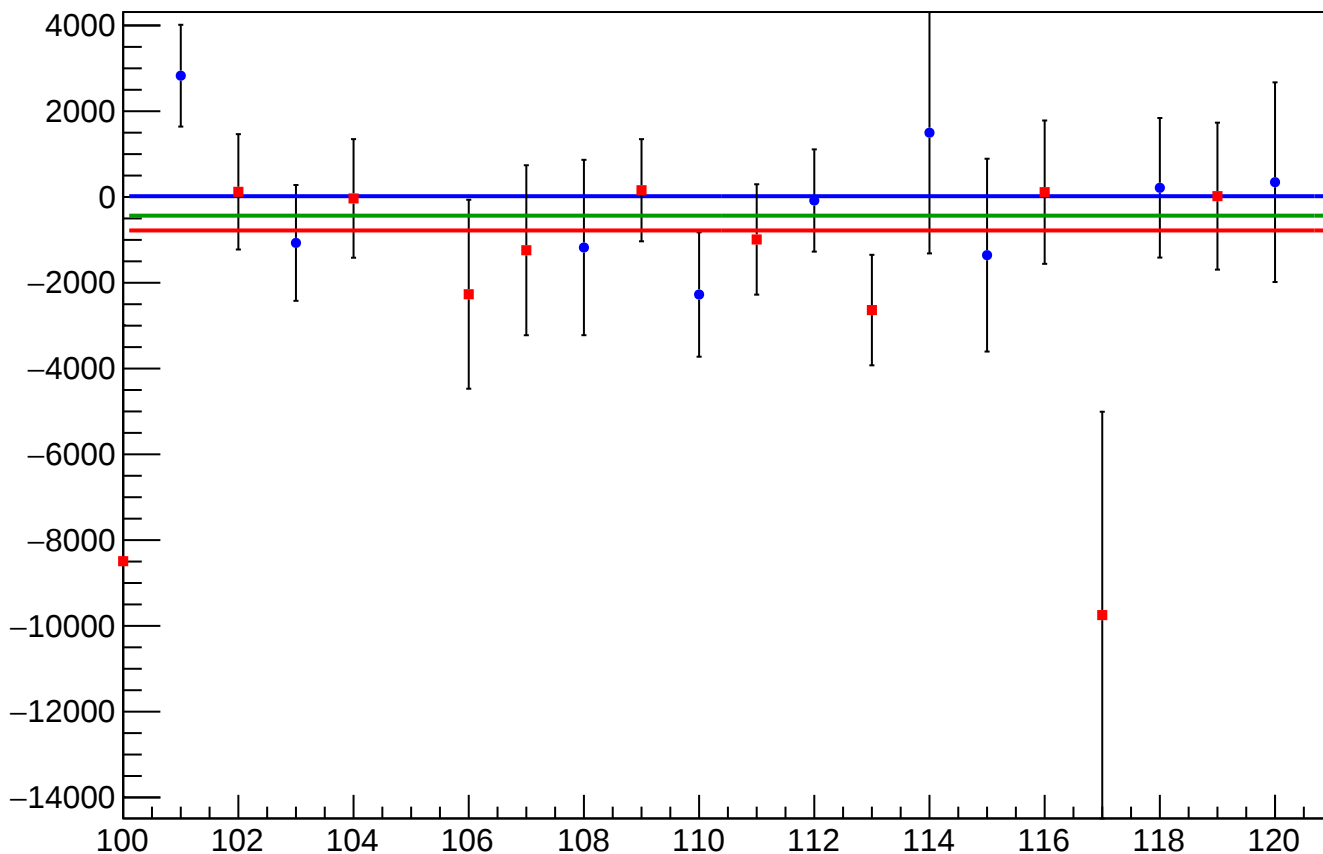
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

959.560+/-0.373 χ^2/NDF : 140701.9/8

952.800+/-0.245 χ^2/NDF : 310763.3/20

947.660+/-0.325 χ^2/NDF : 169483.5/11

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 18.709+/-529.762 χ^2/NDF : 9.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -780.089+/-462.298 χ^2/NDF : 10.1/11

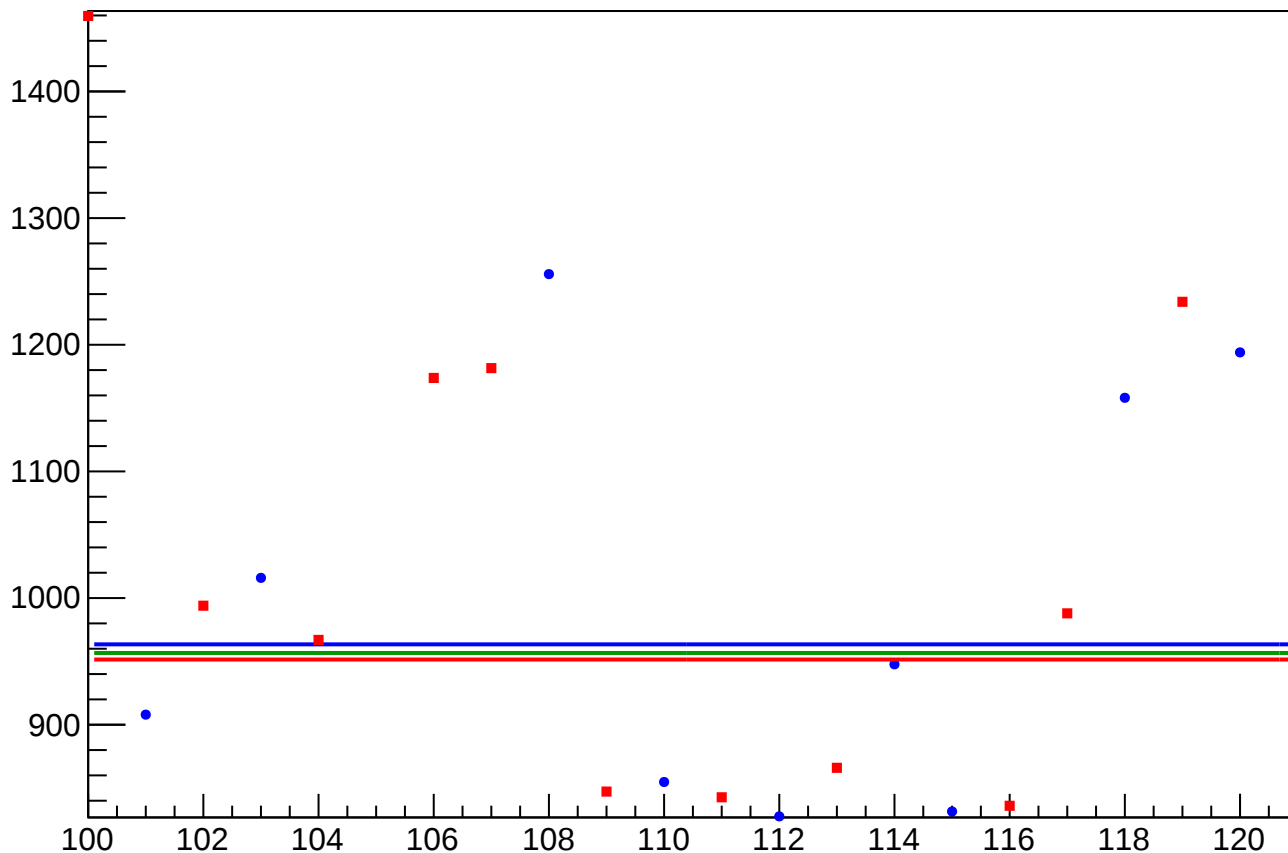
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

18.709+/-529.762 χ^2/NDF : 9.8/8

-434.762+/-348.320 χ^2/NDF : 21.2/20

-780.089+/-462.298 χ^2/NDF : 10.1/11

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 963.458+/-0.375 χ^2/NDF : 140674.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 951.473+/-0.327 χ^2/NDF : 170571.4/11

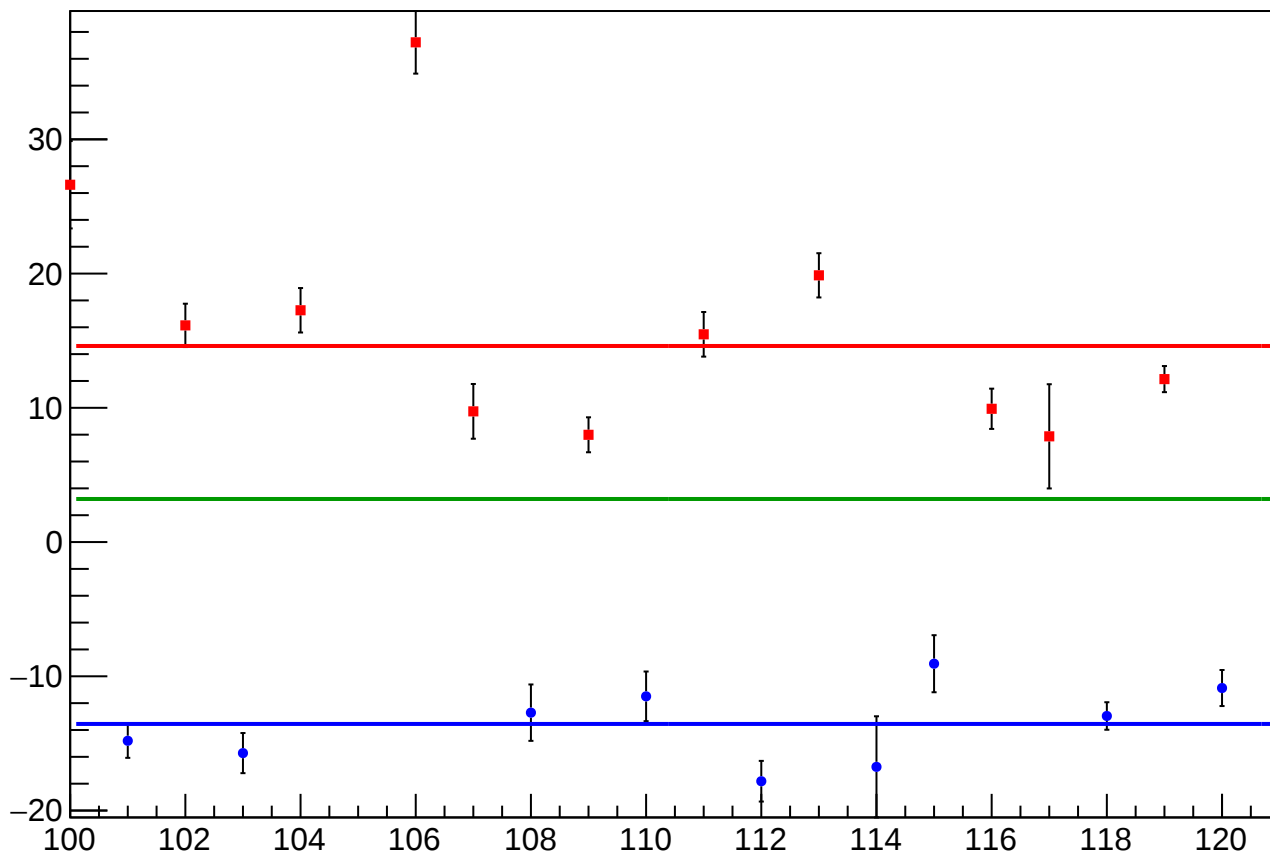
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

963.458+/-0.375 χ^2/NDF : 140674.7/8

956.654+/-0.246 χ^2/NDF : 311827.2/20

951.473+/-0.327 χ^2/NDF : 170571.4/11

reg_asym_sam1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -13.550 ± 0.512 χ^2/NDF : 21.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 14.607 ± 0.422 χ^2/NDF : 173.2/11

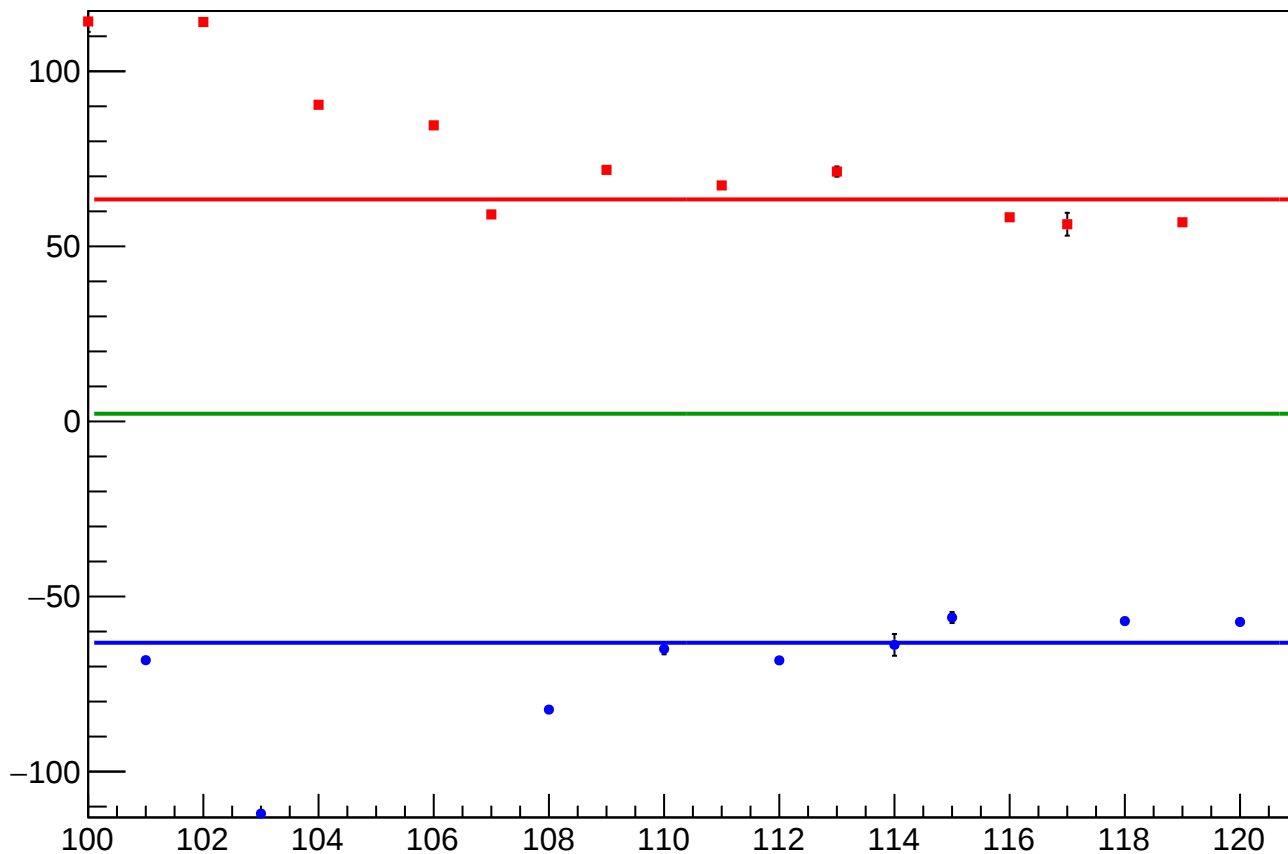
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-13.550 ± 0.512 χ^2/NDF : 21.9/8

3.209 ± 0.326 χ^2/NDF : 1997.8/20

14.607 ± 0.422 χ^2/NDF : 173.2/11

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -63.203+/-0.249 χ^2/NDF : 2685.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.416+/-0.241 χ^2/NDF : 3835.6/11

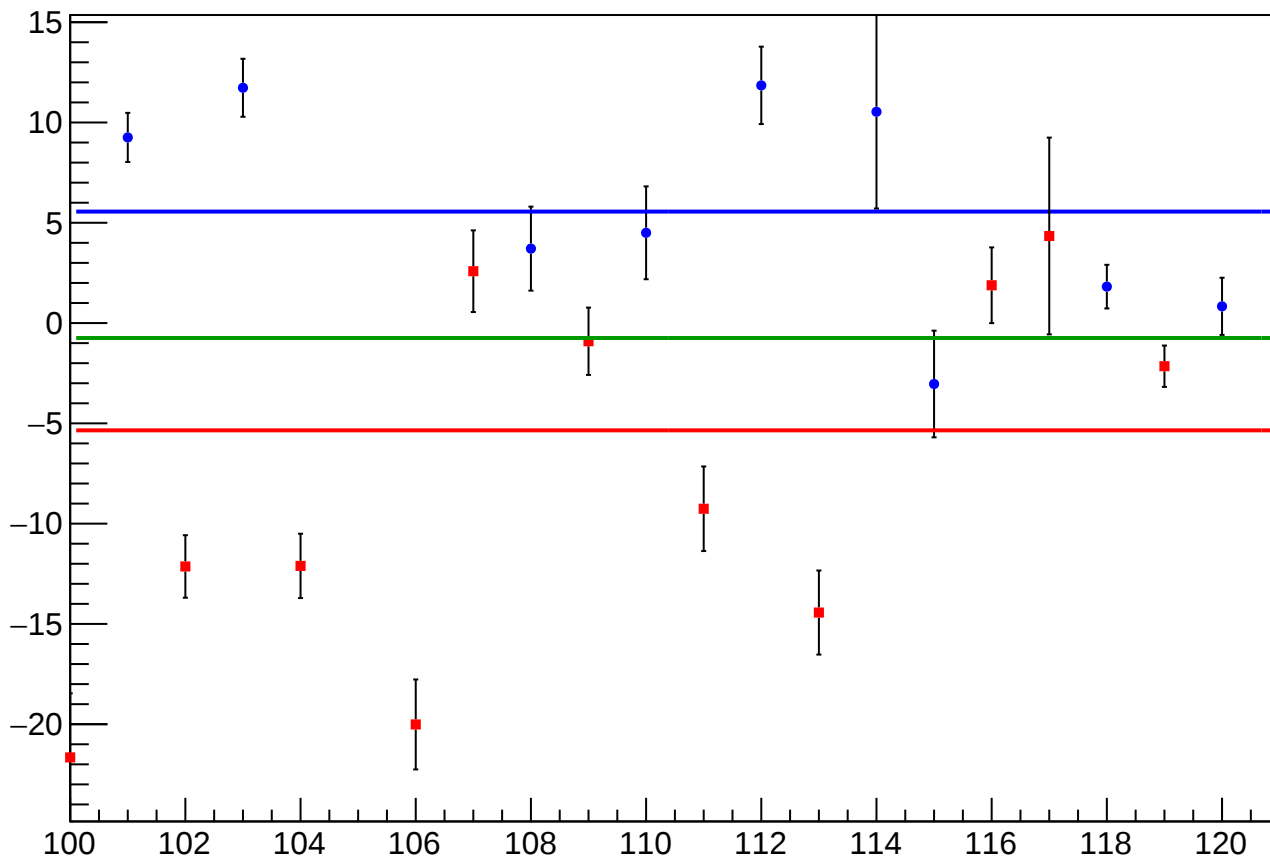
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-63.203+/-0.249 χ^2/NDF : 2685.3/8

2.206+/-0.173 χ^2/NDF : 139632.6/20

63.416+/-0.241 χ^2/NDF : 3835.6/11

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.558 $\pm$ 0.546 χ^2 /NDF: 73.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -5.348 $\pm$ 0.467 χ^2 /NDF: 191.4/11

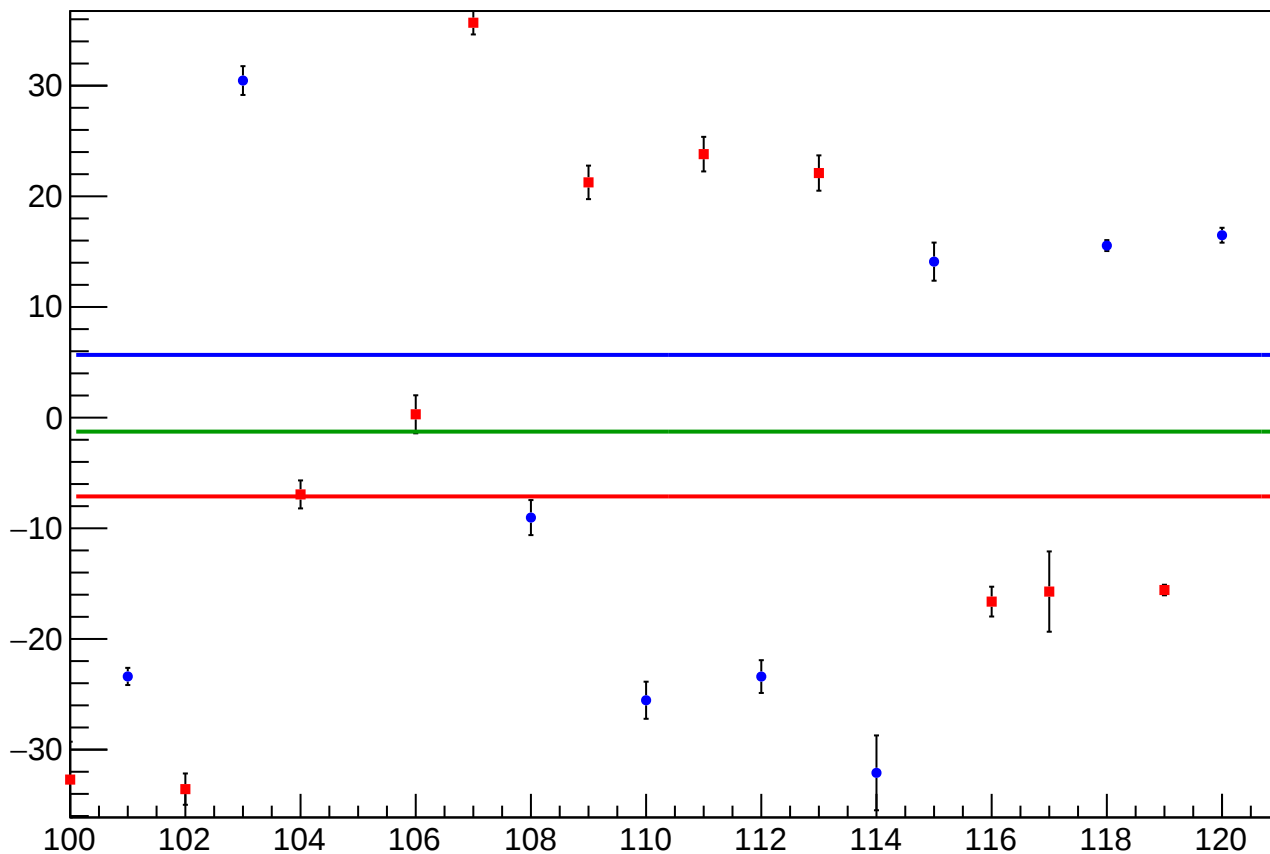
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

5.558 $\pm$ 0.546 χ^2 /NDF: 73.3/8

-0.744 $\pm$ 0.355 χ^2 /NDF: 495.1/20

-5.348 $\pm$ 0.467 χ^2 /NDF: 191.4/11

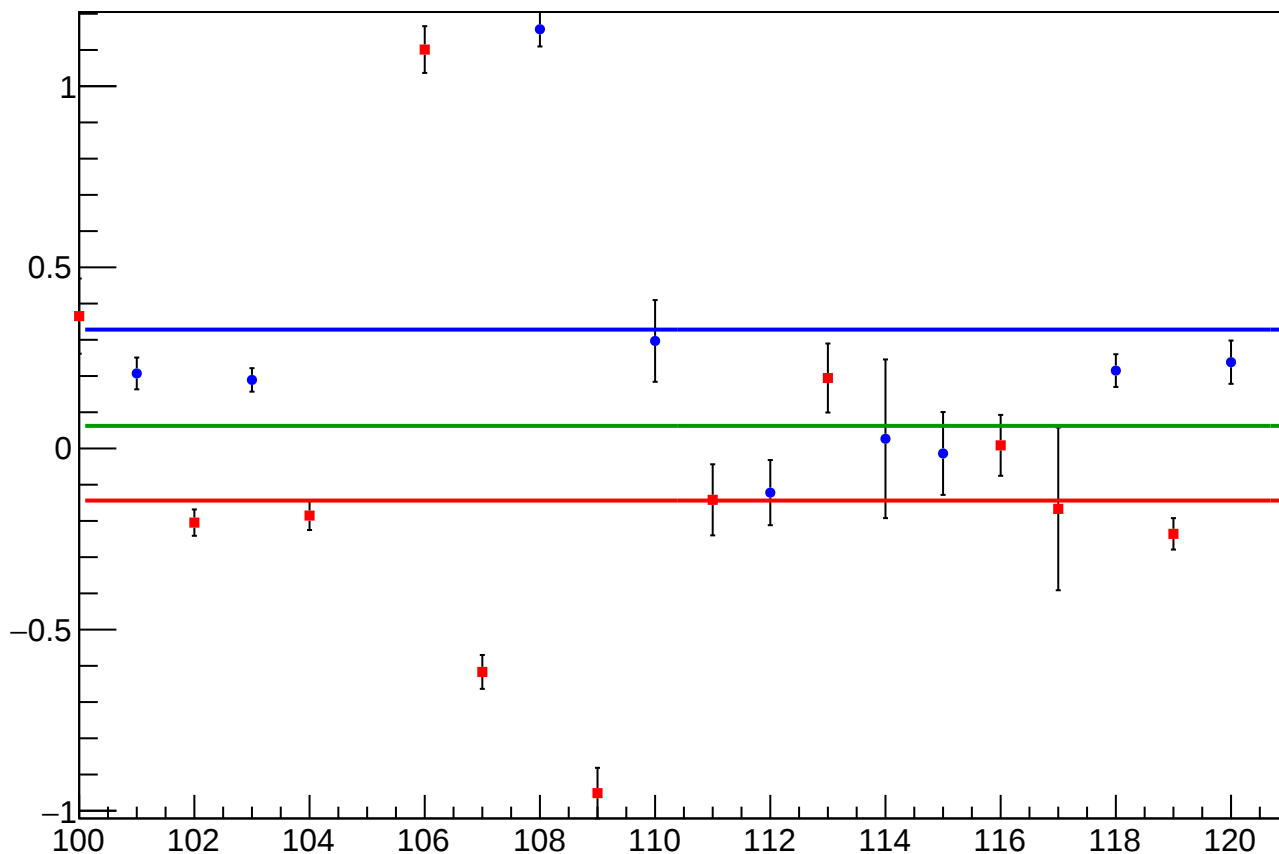
reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.670 $\pm$ 0.313 χ^2 /NDF: 3391.1/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -7.119 $\pm$ 0.288 χ^2 /NDF: 3611.3/11
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

5.670 $\pm$ 0.313 χ^2 /NDF: 3391.1/8
 -1.262 $\pm$ 0.212 χ^2 /NDF: 7905.8/20
 -7.119 $\pm$ 0.288 χ^2 /NDF: 3611.3/11

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.328+/-0.018 χ^2/NDF : 374.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.144+/-0.016 χ^2/NDF : 673.6/11

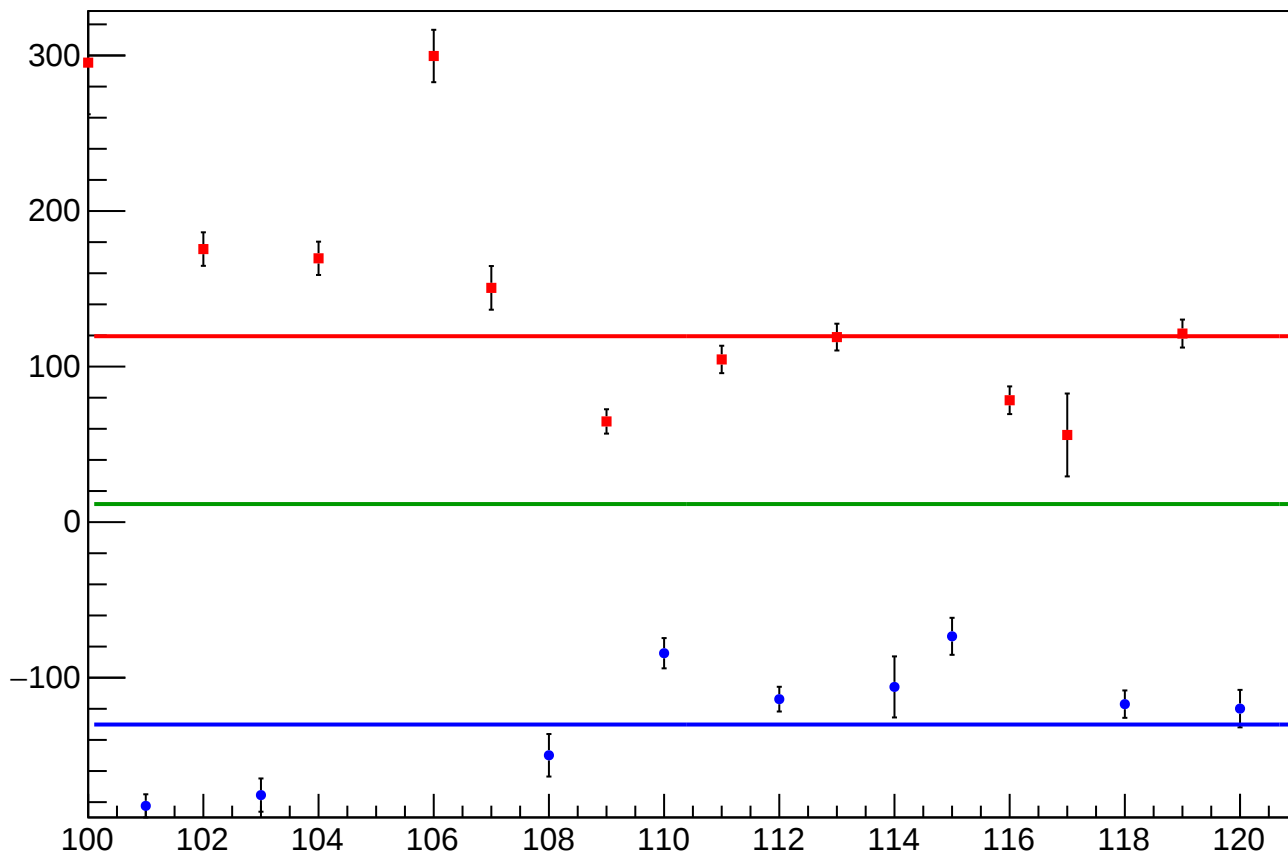
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.328+/-0.018 χ^2/NDF : 374.1/8

0.062+/-0.012 χ^2/NDF : 1421.7/20

-0.144+/-0.016 χ^2/NDF : 673.6/11

reg_asym_sam2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -130.108+/-3.371 χ^2 /NDF: 123.0/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 119.528+/-2.941 χ^2 /NDF: 277.1/11

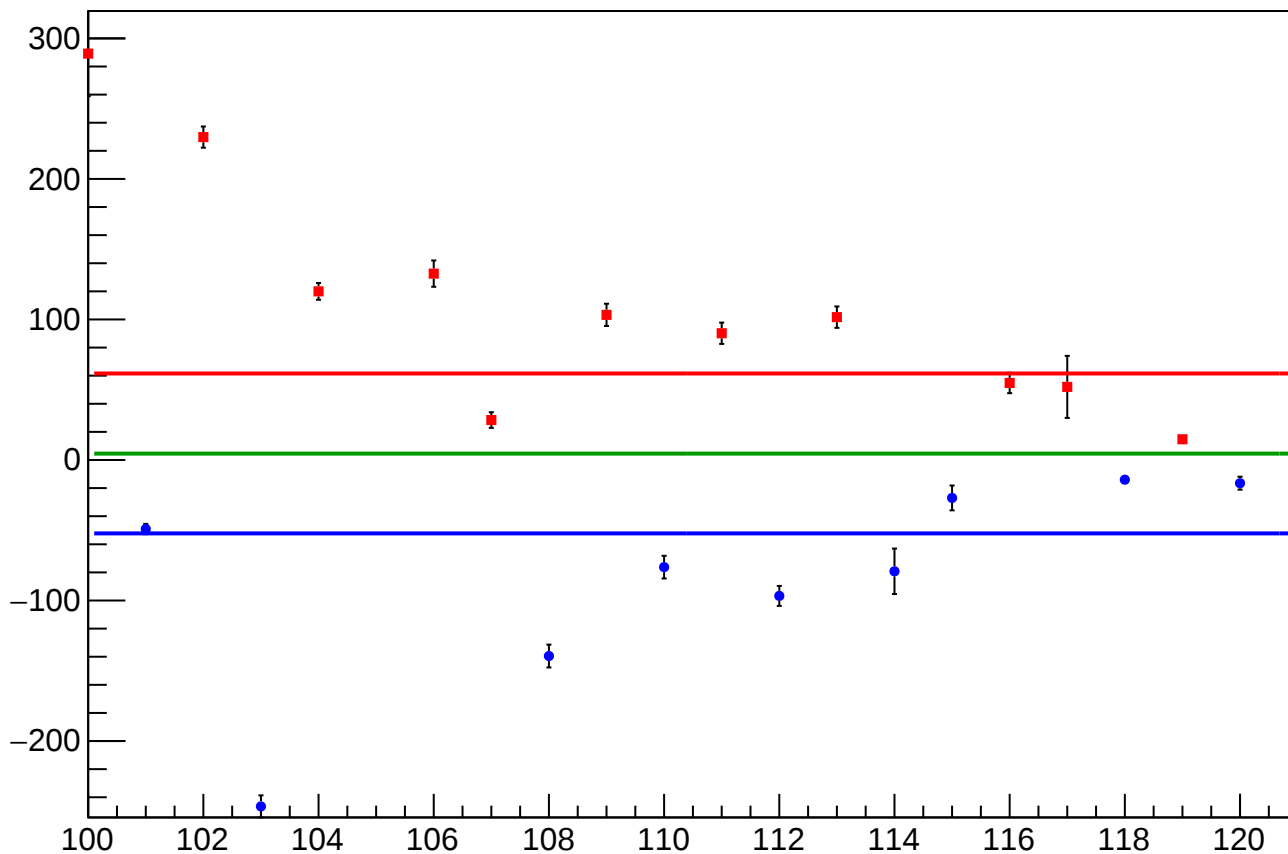
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-130.108+/-3.371 χ^2 /NDF: 123.0/8

11.626+/-2.216 χ^2 /NDF: 3513.7/20

119.528+/-2.941 χ^2 /NDF: 277.1/11

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -52.241 $\pm$ 1.830 χ^2 /NDF: 982.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 61.560 $\pm$ 1.834 χ^2 /NDF: 1106.5/11

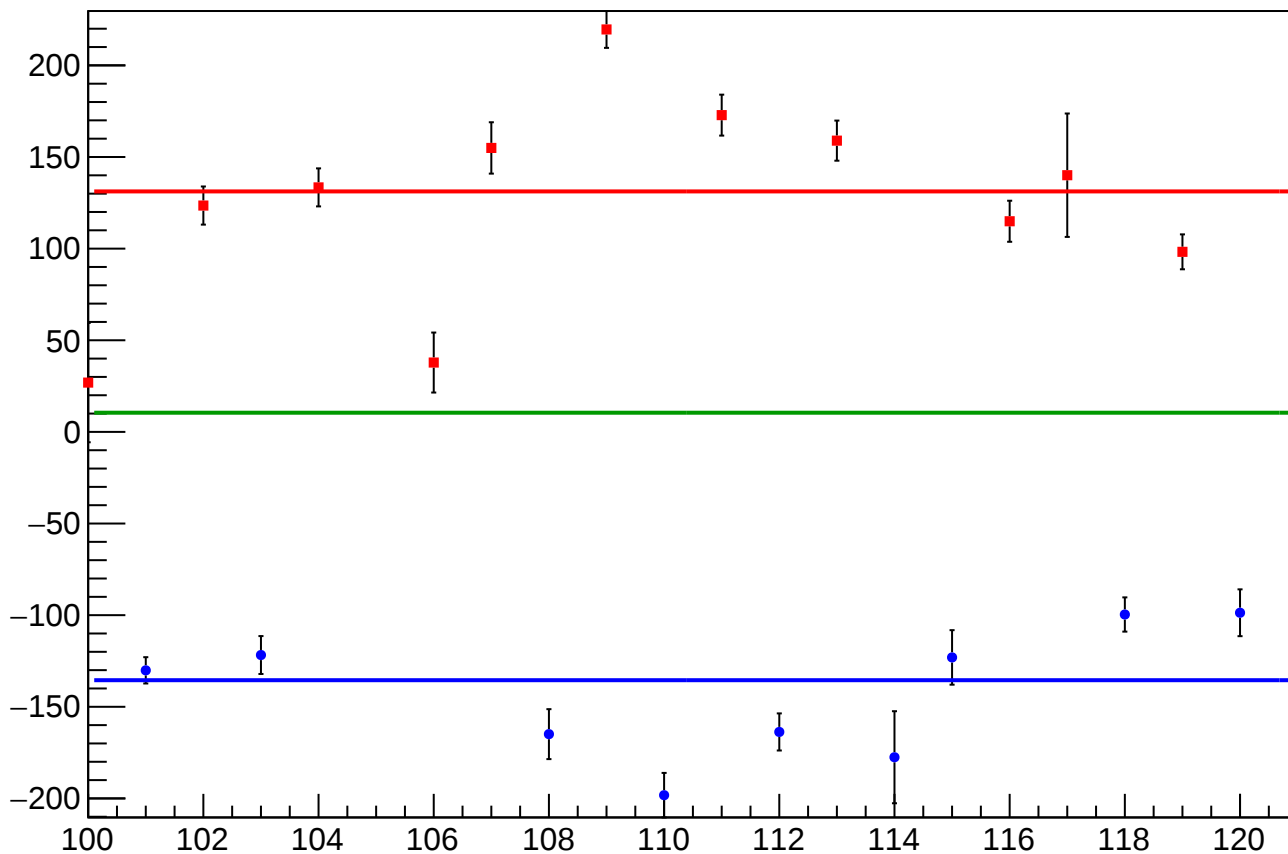
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-52.241 $\pm$ 1.830 χ^2 /NDF: 982.8/8

4.540 $\pm$ 1.295 χ^2 /NDF: 4019.1/20

61.560 $\pm$ 1.834 χ^2 /NDF: 1106.5/11

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -135.488+/-3.667 χ^2/NDF : 67.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.221+/-3.335 χ^2/NDF : 179.4/11

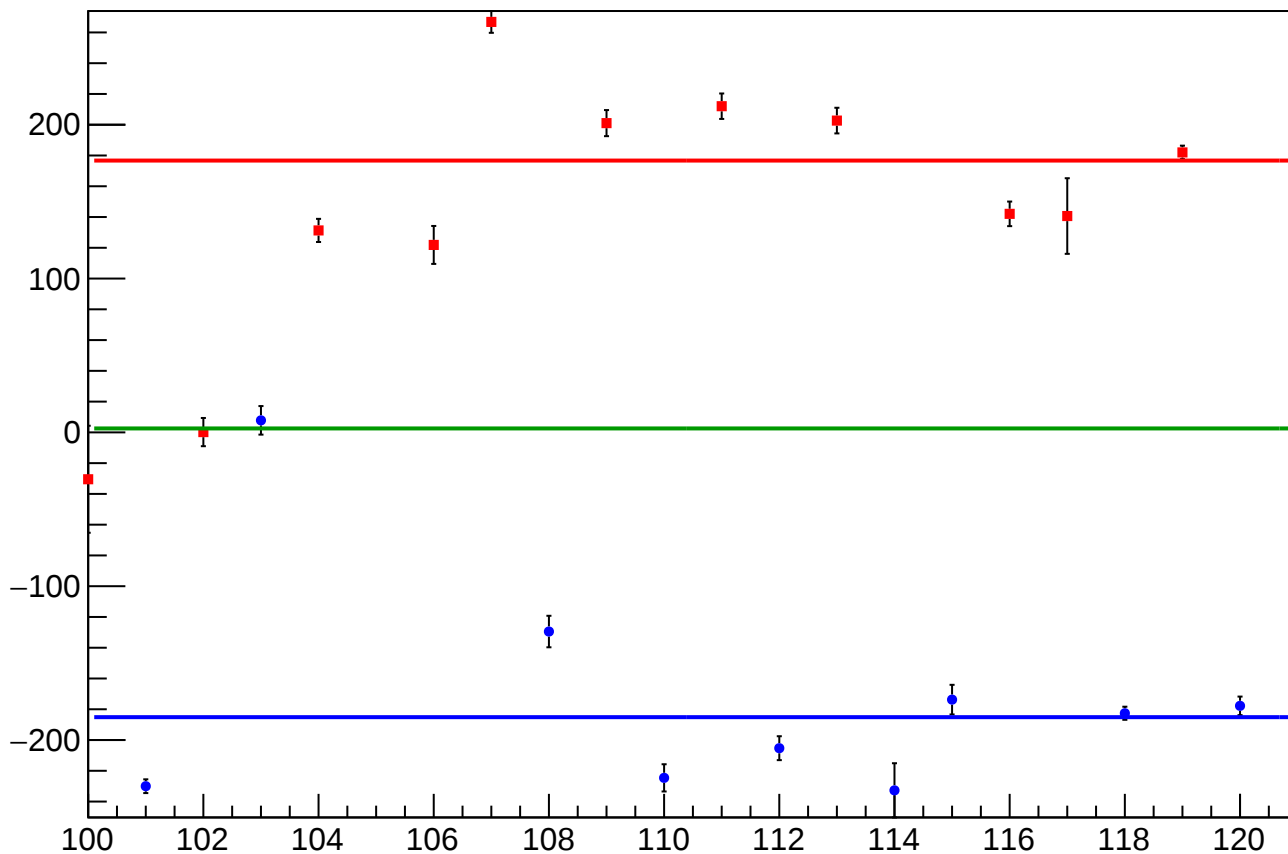
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-135.488+/-3.667 χ^2/NDF : 67.9/8

10.469+/-2.467 χ^2/NDF : 3143.1/20

131.221+/-3.335 χ^2/NDF : 179.4/11

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -185.136 ± 2.252 $\chi^2/\text{NDF}: 599.6/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 176.706 ± 2.169 $\chi^2/\text{NDF}: 694.5/11$

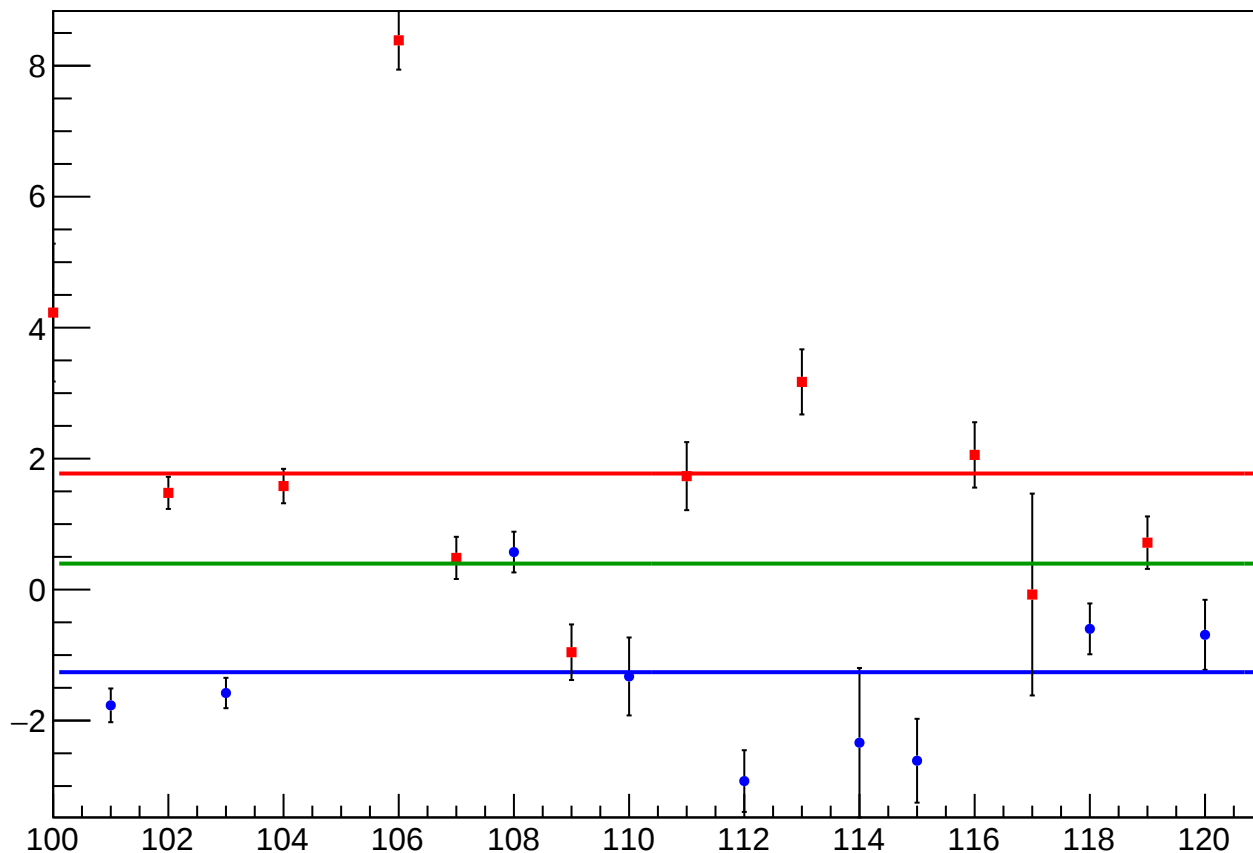
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-185.136 ± 2.252 $\chi^2/\text{NDF}: 599.6/8$

2.560 ± 1.562 $\chi^2/\text{NDF}: 14687.1/20$

176.706 ± 2.169 $\chi^2/\text{NDF}: 694.5/11$

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.261 $\pm$ 0.124 χ^2 /NDF: 62.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.773 $\pm$ 0.113 χ^2 /NDF: 299.9/11

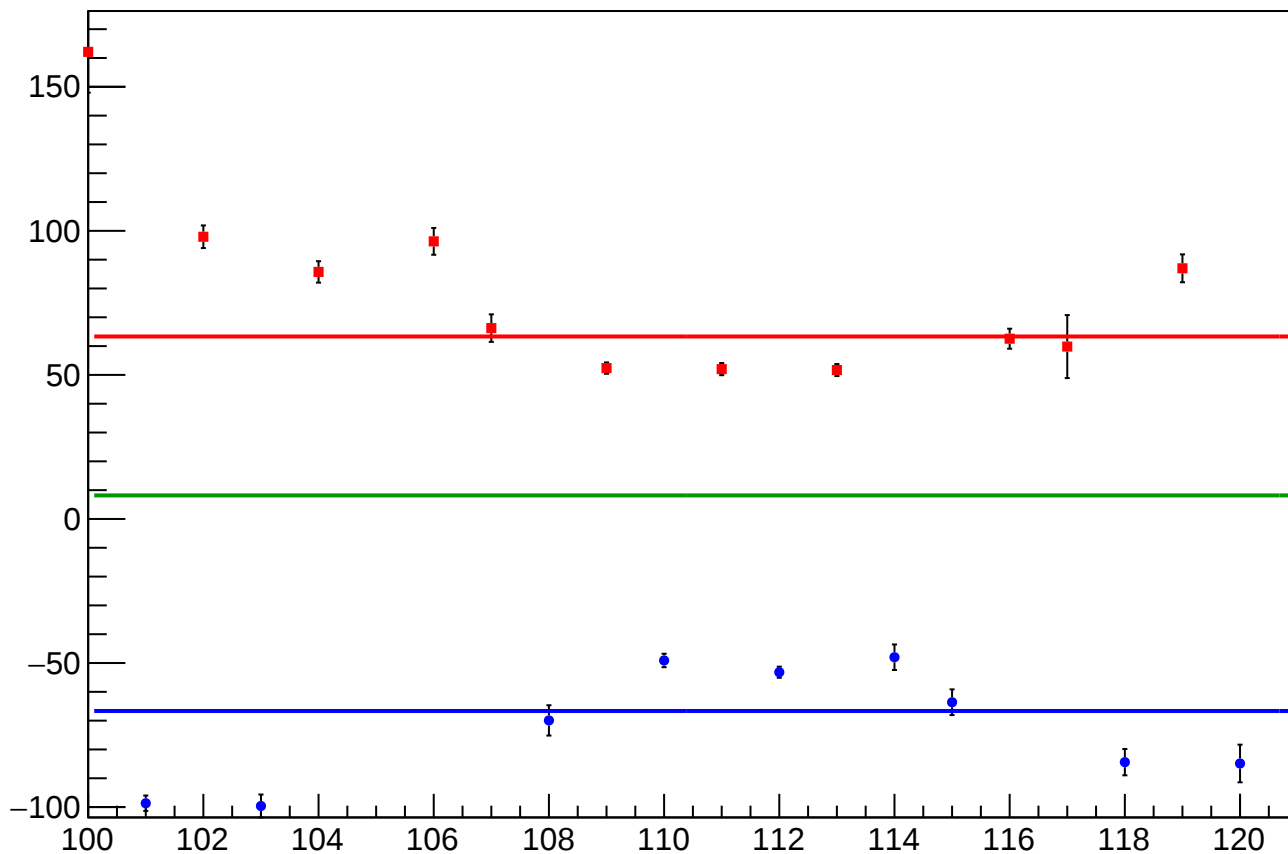
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-1.261 $\pm$ 0.124 χ^2 /NDF: 62.4/8

0.397 $\pm$ 0.084 χ^2 /NDF: 687.9/20

1.773 $\pm$ 0.113 χ^2 /NDF: 299.9/11

reg_asym_sam3_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -66.643 $\pm$ 1.074 χ^2 /NDF: 360.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 63.338 $\pm$ 0.922 χ^2 /NDF: 343.5/11

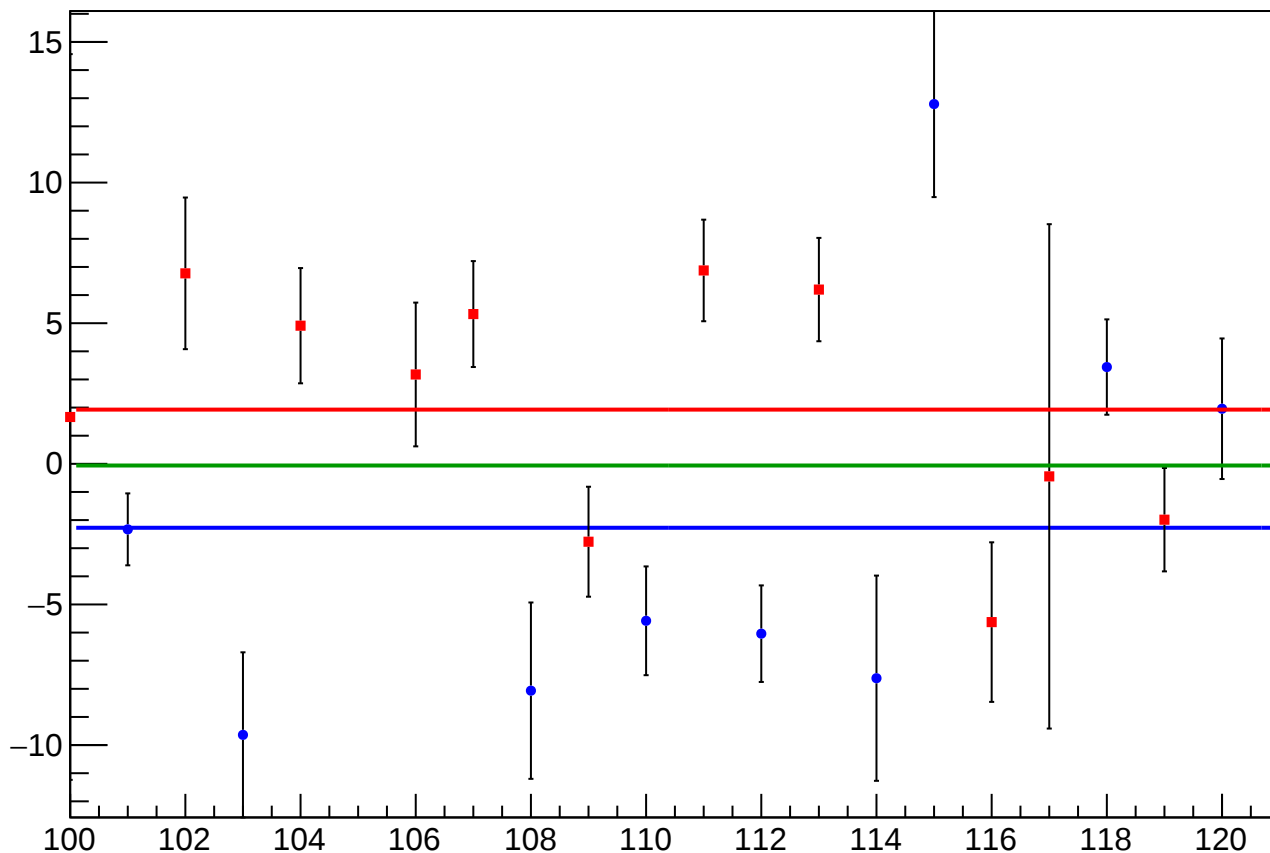
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-66.643 $\pm$ 1.074 χ^2 /NDF: 360.0/8

8.176 $\pm$ 0.699 χ^2 /NDF: 9140.9/20

63.338 $\pm$ 0.922 χ^2 /NDF: 343.5/11

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.273 $\pm$ 0.688 χ^2 /NDF: 54.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.928 $\pm$ 0.652 χ^2 /NDF: 55.3/11

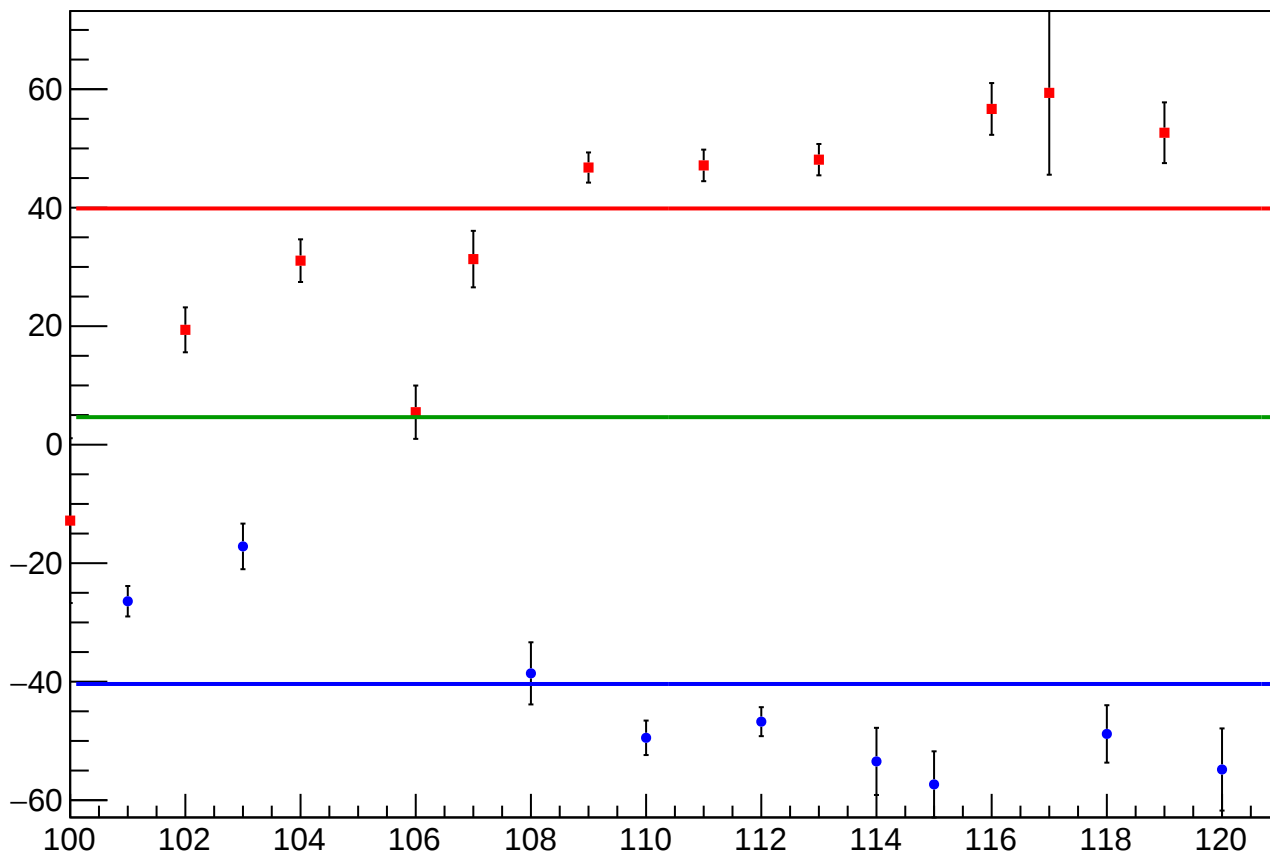
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-2.273 $\pm$ 0.688 χ^2 /NDF: 54.6/8

-0.060 $\pm$ 0.473 χ^2 /NDF: 129.5/20

1.928 $\pm$ 0.652 χ^2 /NDF: 55.3/11

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -40.387 $\pm$ 1.224 χ^2 /NDF: 104.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 39.869 $\pm$ 1.083 χ^2 /NDF: 159.7/11

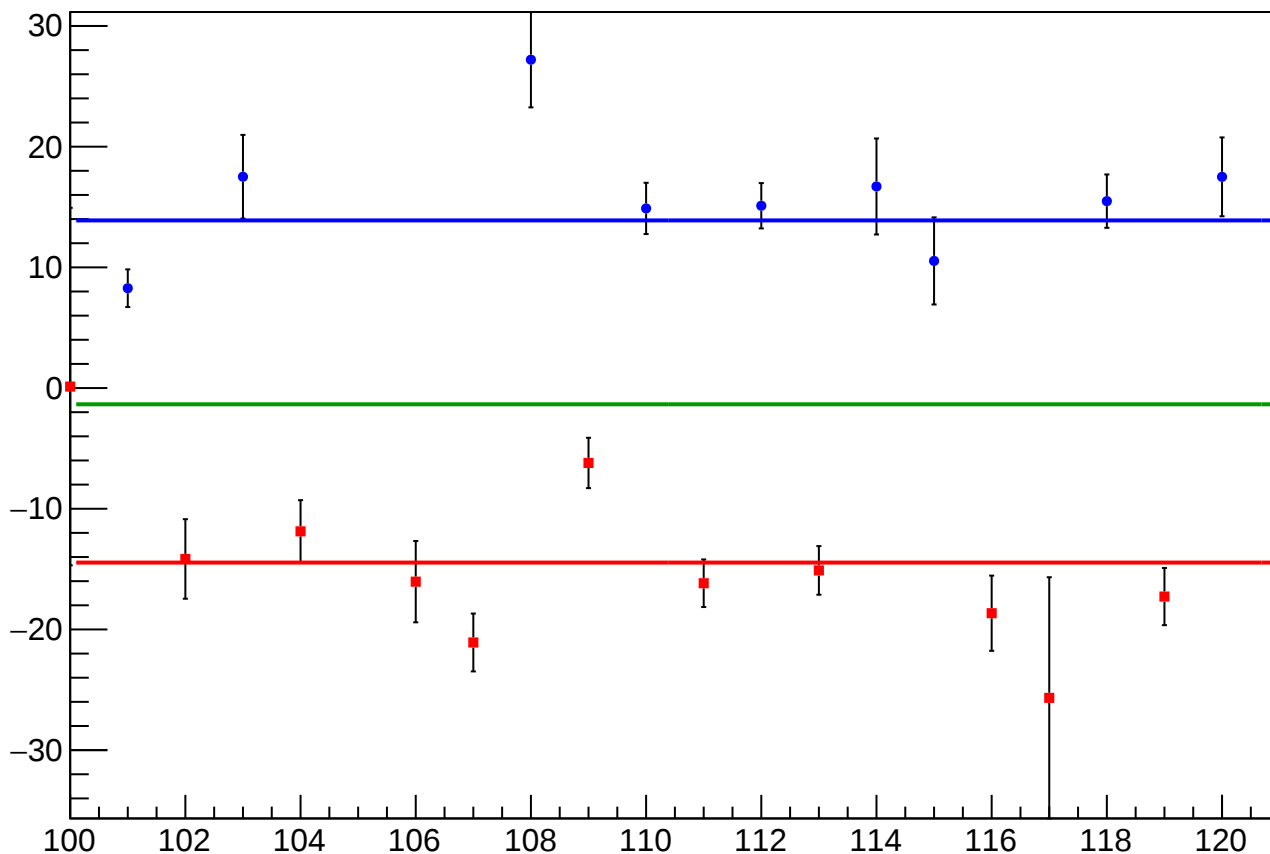
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-40.387 $\pm$ 1.224 χ^2 /NDF: 104.5/8

4.647 $\pm$ 0.811 χ^2 /NDF: 2676.0/20

39.869 $\pm$ 1.083 χ^2 /NDF: 159.7/11

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.890+/-0.816 χ^2/NDF : 29.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.459+/-0.757 χ^2/NDF : 32.3/11

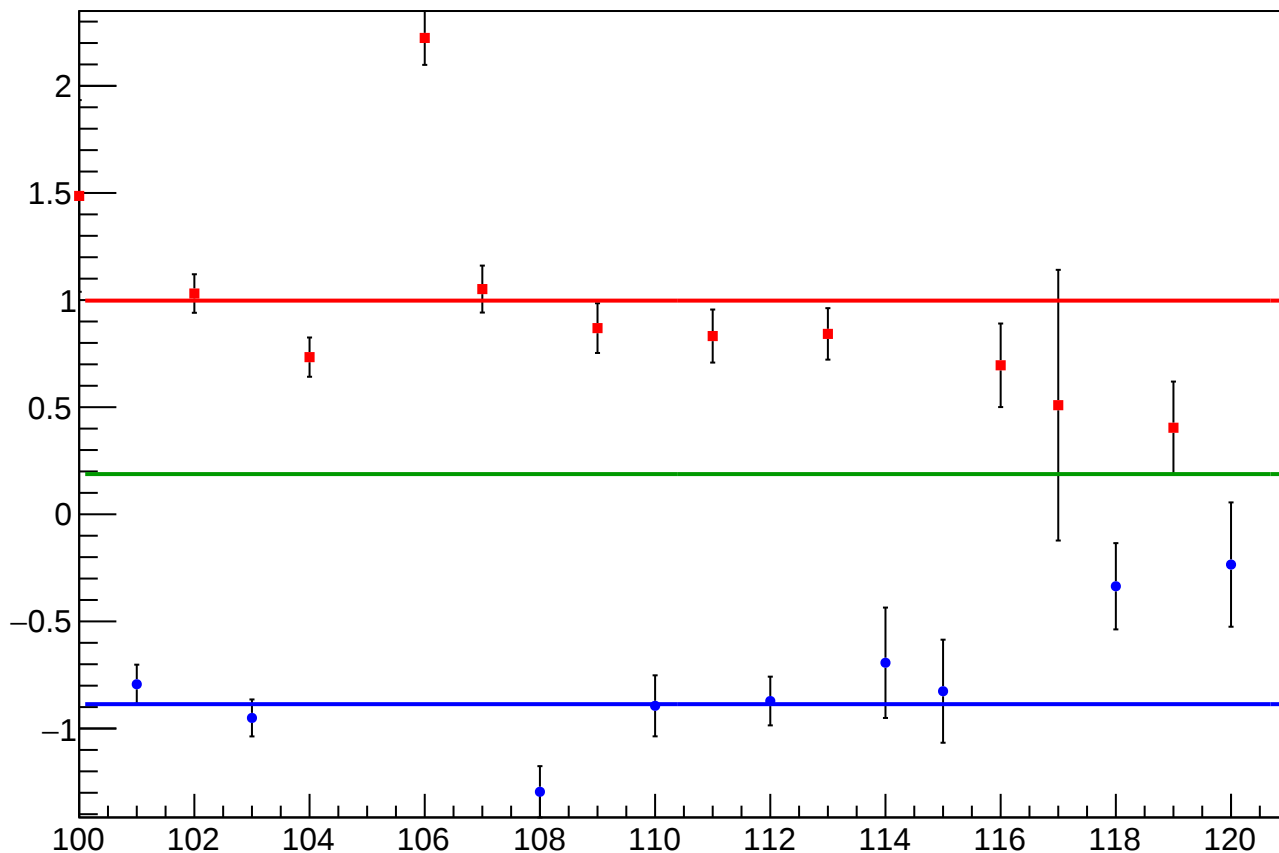
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13.890+/-0.816 χ^2/NDF : 29.1/8

-1.346+/-0.555 χ^2/NDF : 709.7/20

-14.459+/-0.757 χ^2/NDF : 32.3/11

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.886 ± 0.044 $\chi^2/\text{NDF}: 26.4/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.998 ± 0.038 $\chi^2/\text{NDF}: 120.7/11$

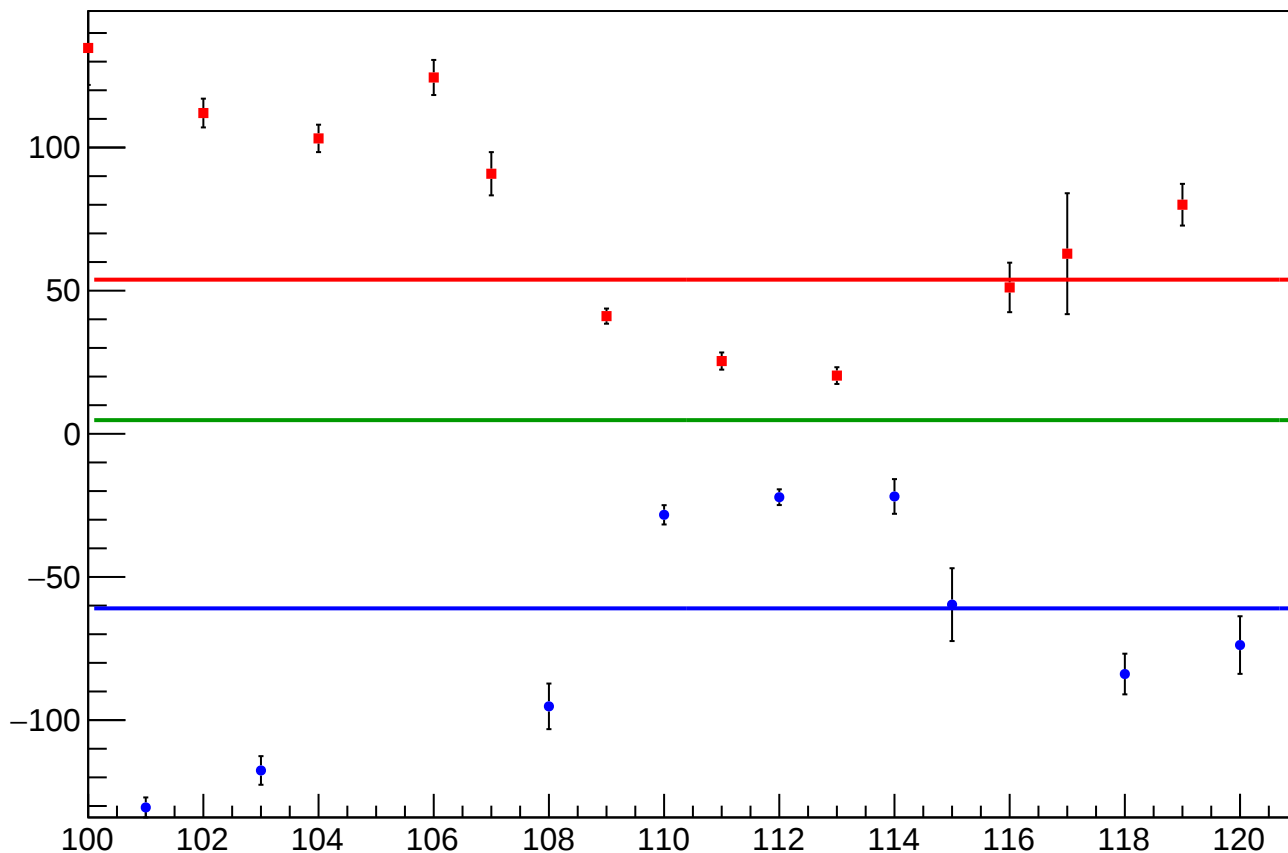
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.886 ± 0.044 $\chi^2/\text{NDF}: 26.4/8$

0.188 ± 0.029 $\chi^2/\text{NDF}: 1198.0/20$

0.998 ± 0.038 $\chi^2/\text{NDF}: 120.7/11$

reg_asym_sam4_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -60.967 $\pm$ 1.542 χ^2 /NDF: 888.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 53.848 $\pm$ 1.332 χ^2 /NDF: 730.6/11

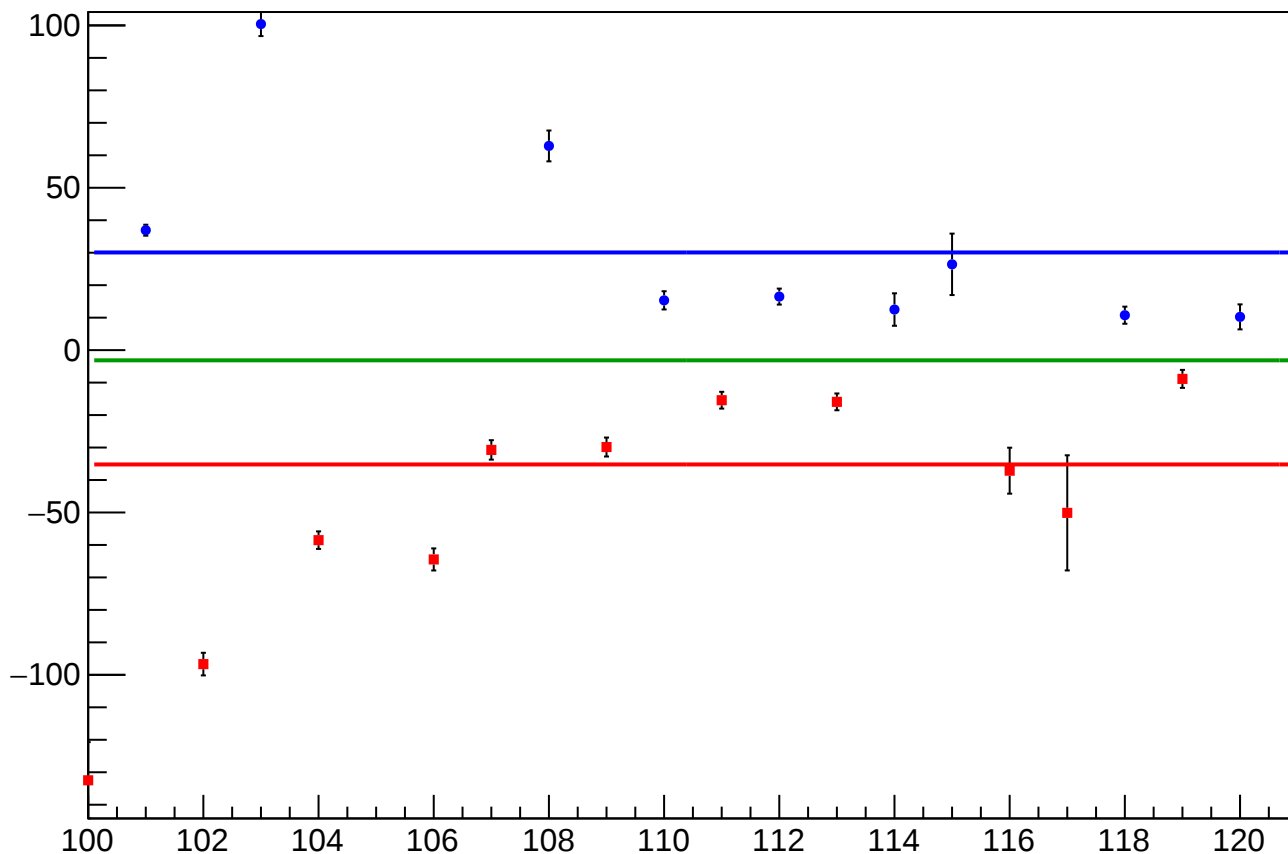
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-60.967 $\pm$ 1.542 χ^2 /NDF: 888.9/8

4.780 $\pm$ 1.008 χ^2 /NDF: 4795.0/20

53.848 $\pm$ 1.332 χ^2 /NDF: 730.6/11

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 30.078+/-0.989 χ^2/NDF : 575.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.207+/-0.972 χ^2/NDF : 760.9/11

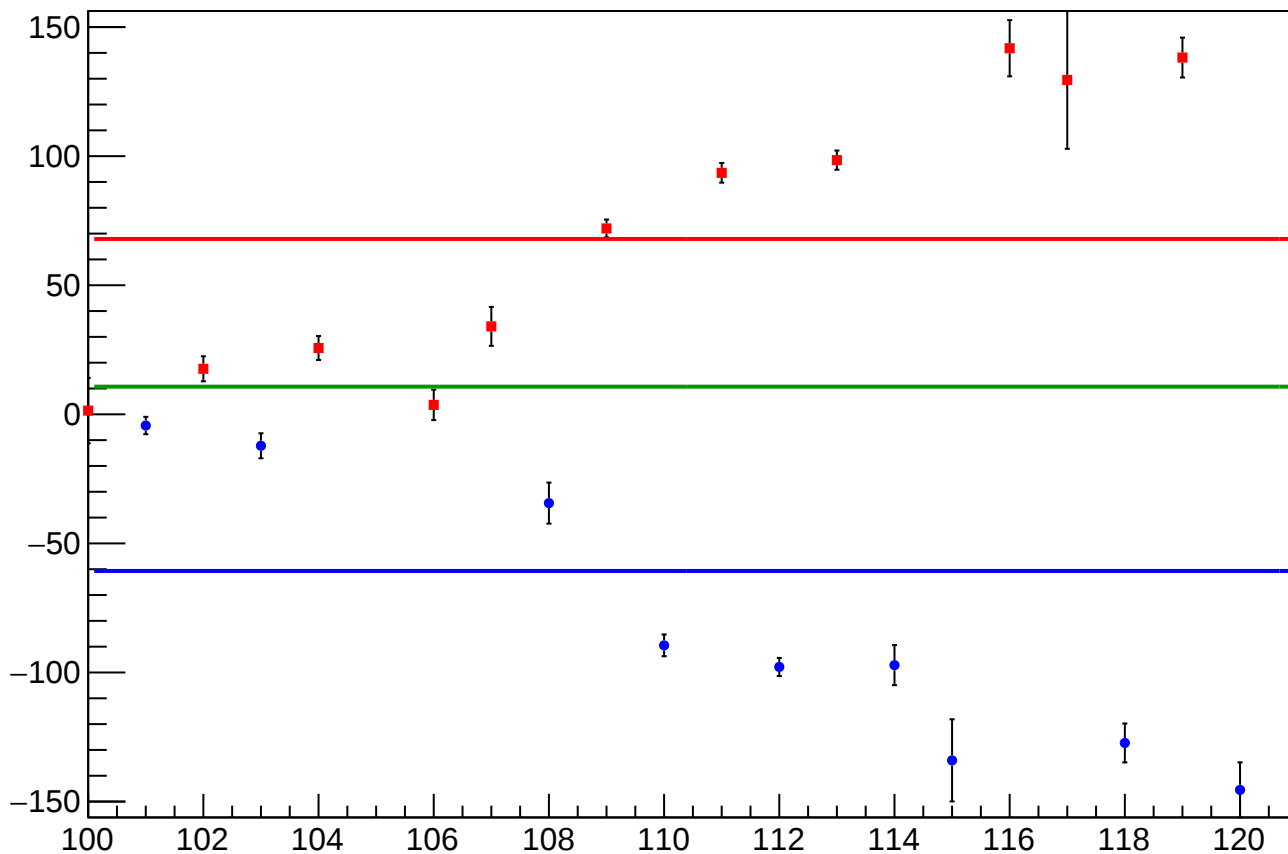
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

30.078+/-0.989 χ^2/NDF : 575.7/8

-3.144+/-0.693 χ^2/NDF : 3553.4/20

-35.207+/-0.972 χ^2/NDF : 760.9/11

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -60.675 $\pm$ 1.738 χ^2 /NDF: 734.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 67.928 $\pm$ 1.555 χ^2 /NDF: 633.6/11

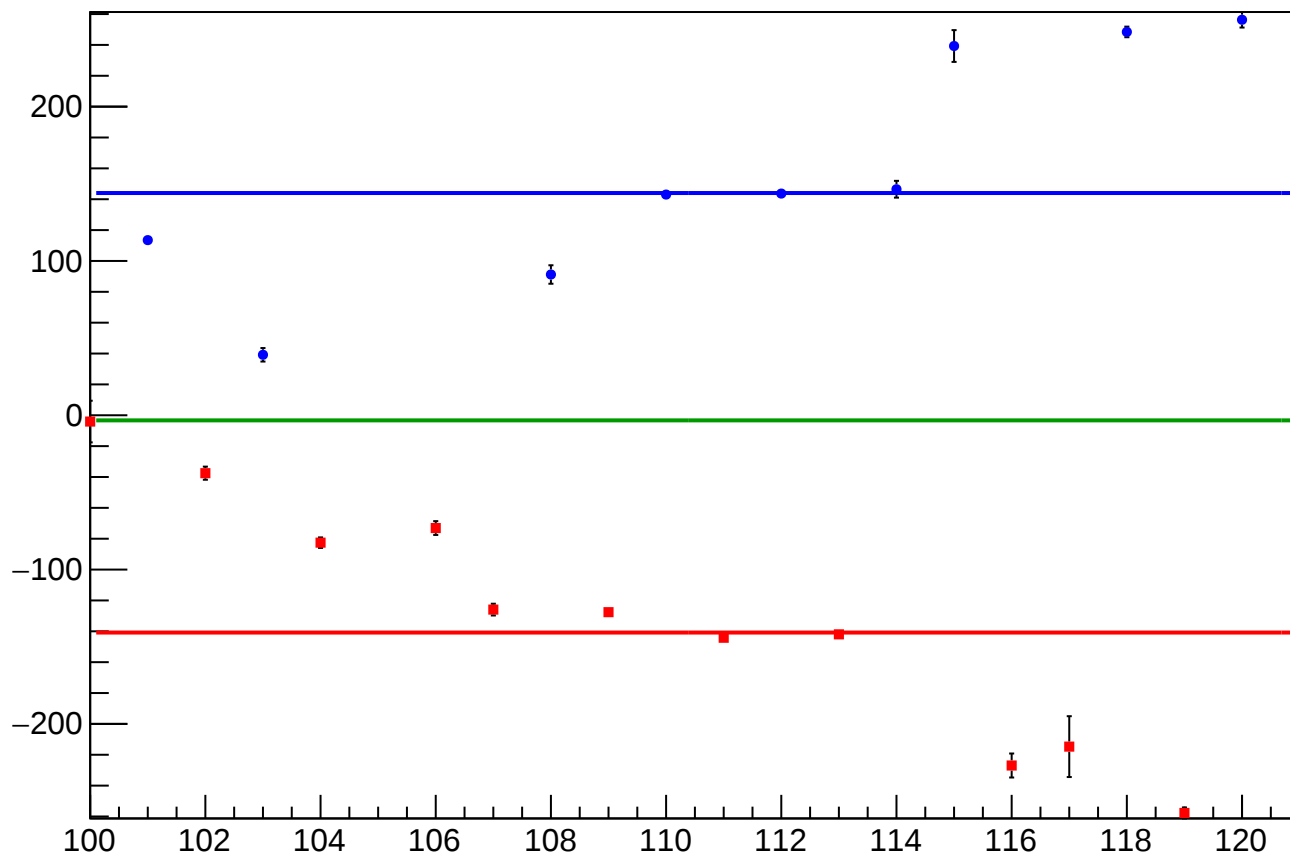
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-60.675 $\pm$ 1.738 χ^2 /NDF: 734.9/8

10.718 $\pm$ 1.159 χ^2 /NDF: 4409.5/20

67.928 $\pm$ 1.555 χ^2 /NDF: 633.6/11

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 144.022+/-1.173 χ^2/NDF : 2379.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -140.802+/-1.133 χ^2/NDF : 3096.5/11

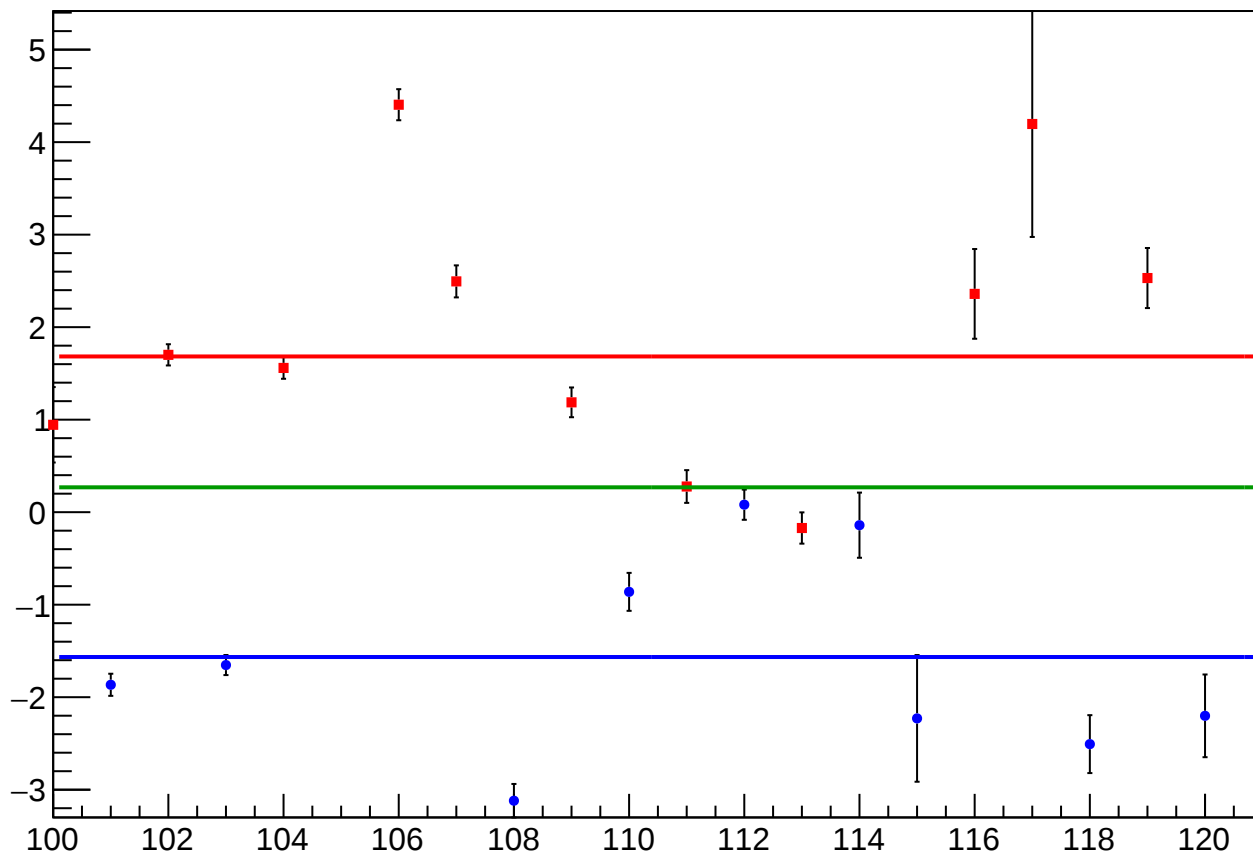
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

144.022+/-1.173 χ^2/NDF : 2379.8/8

-3.310+/-0.815 χ^2/NDF : 35962.4/20

-140.802+/-1.133 χ^2/NDF : 3096.5/11

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.566+/-0.061 χ^2/NDF : 222.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.683+/-0.053 χ^2/NDF : 497.5/11

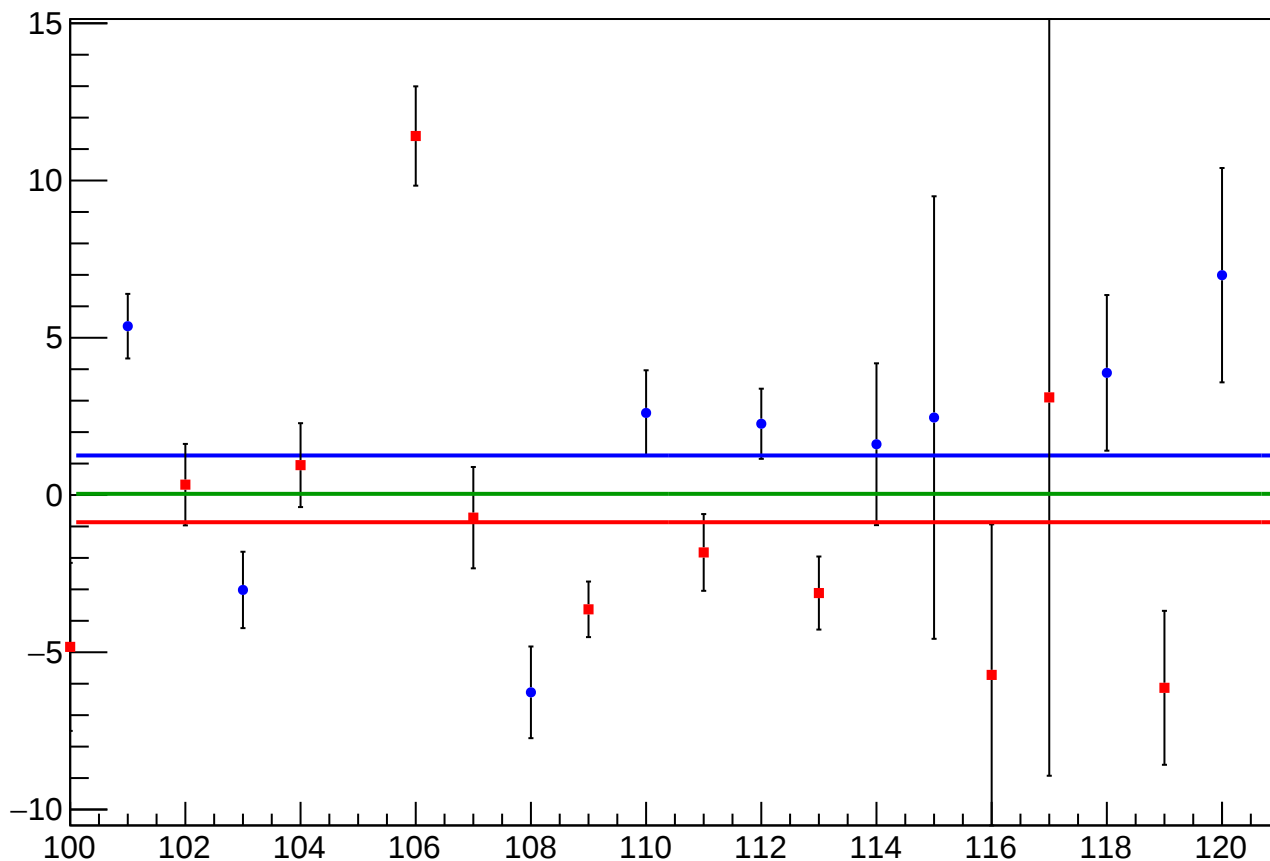
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.566+/-0.061 χ^2/NDF : 222.4/8

0.269+/-0.040 χ^2/NDF : 2342.2/20

1.683+/-0.053 χ^2/NDF : 497.5/11

reg_asym_sam5_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.257+/-0.509 χ^2/NDF : 61.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.865+/-0.437 χ^2/NDF : 87.9/11

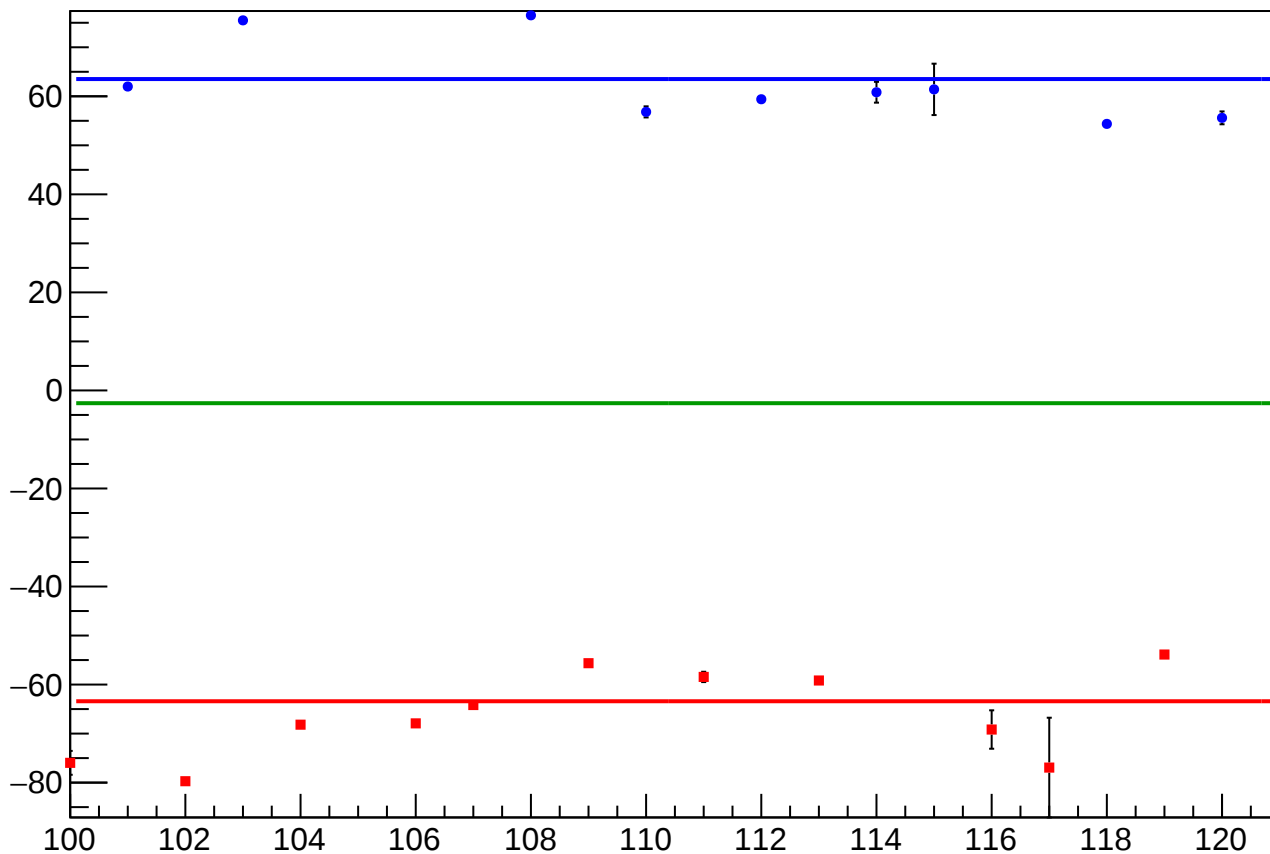
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.257+/-0.509 χ^2/NDF : 61.0/8

0.037+/-0.332 χ^2/NDF : 158.9/20

-0.865+/-0.437 χ^2/NDF : 87.9/11

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 63.517+/-0.312 χ^2/NDF : 593.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -63.403+/-0.299 χ^2/NDF : 699.9/11

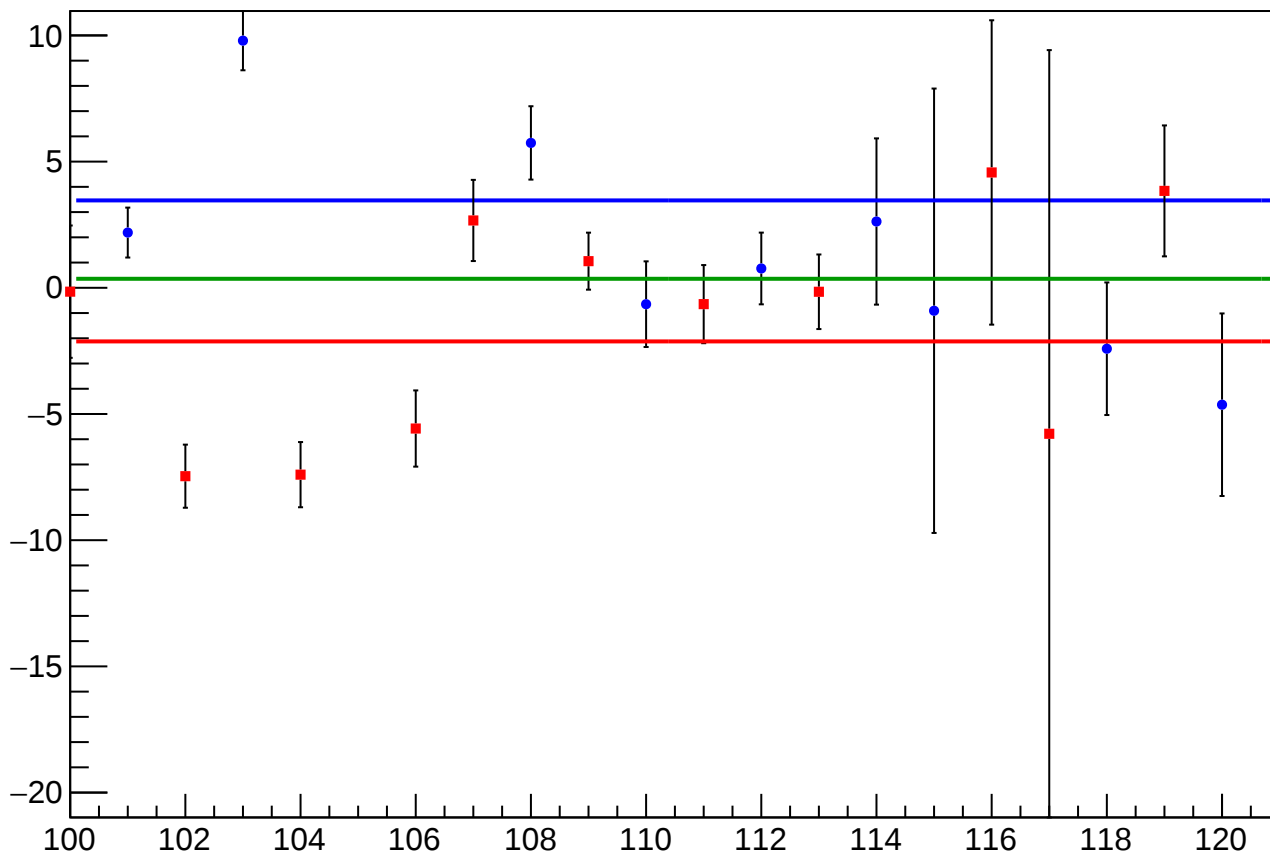
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

63.517+/-0.312 χ^2/NDF : 593.3/8

-2.603+/-0.216 χ^2/NDF : 87722.6/20

-63.403+/-0.299 χ^2/NDF : 699.9/11

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.463 ± 0.543 χ^2/NDF : 53.0/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.124 ± 0.485 χ^2/NDF : 70.9/11

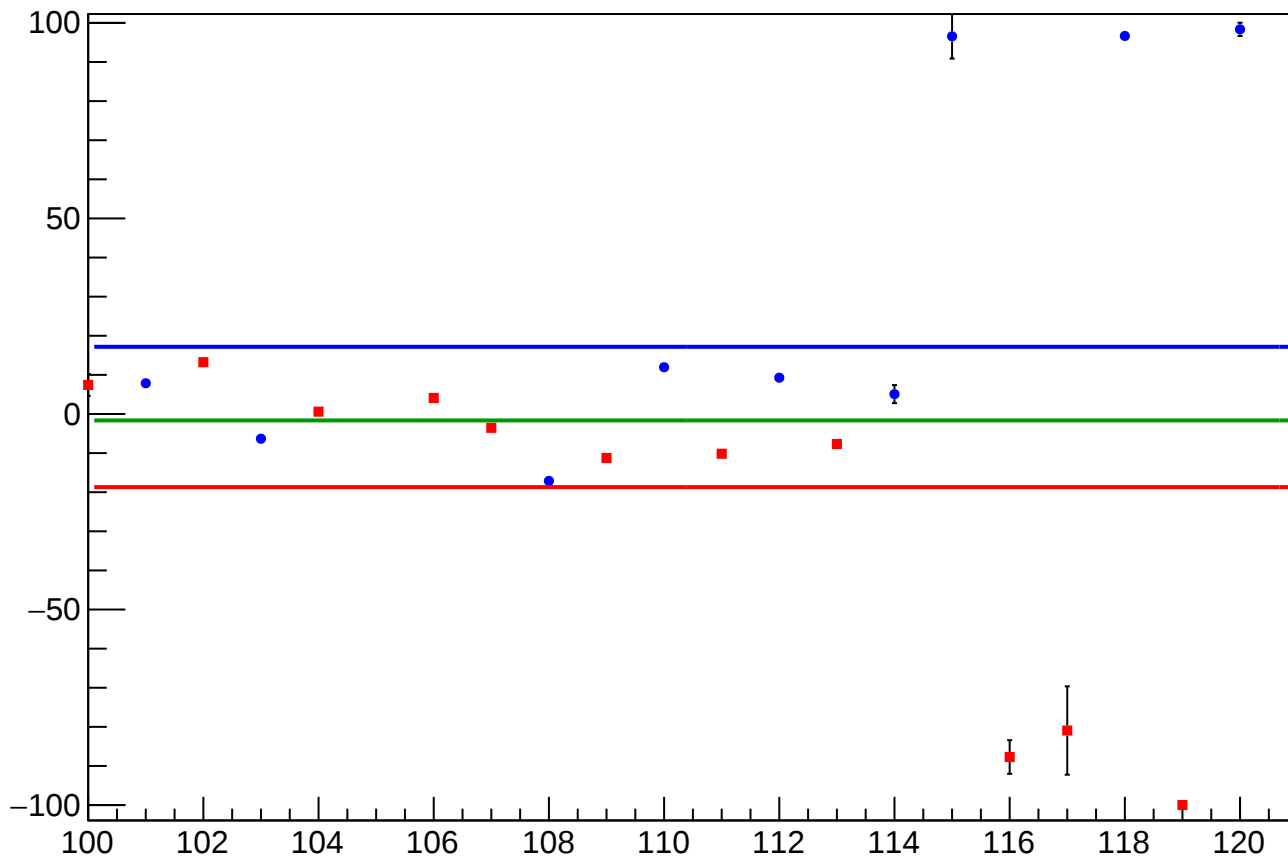
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

3.463 ± 0.543 χ^2/NDF : 53.0/8

0.357 ± 0.362 χ^2/NDF : 182.7/20

-2.124 ± 0.485 χ^2/NDF : 70.9/11

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 17.181+/-0.375 χ^2/NDF : 8660.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.695+/-0.357 χ^2/NDF : 10989.8/11

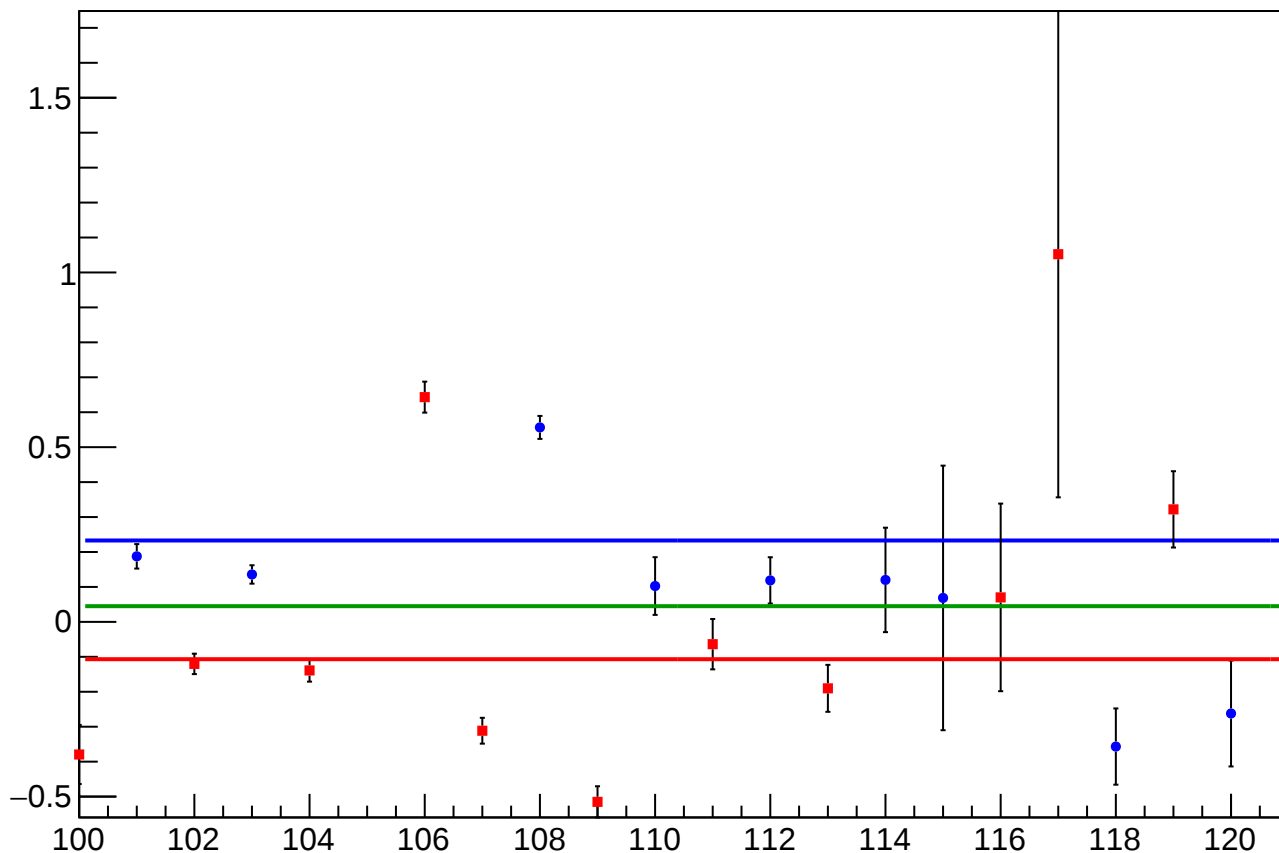
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.181+/-0.375 χ^2/NDF : 8660.8/8

-1.643+/-0.258 χ^2/NDF : 24461.0/20

-18.695+/-0.357 χ^2/NDF : 10989.8/11

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.233 ± 0.016 χ^2/NDF : 158.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.107 ± 0.015 χ^2/NDF : 441.1/11

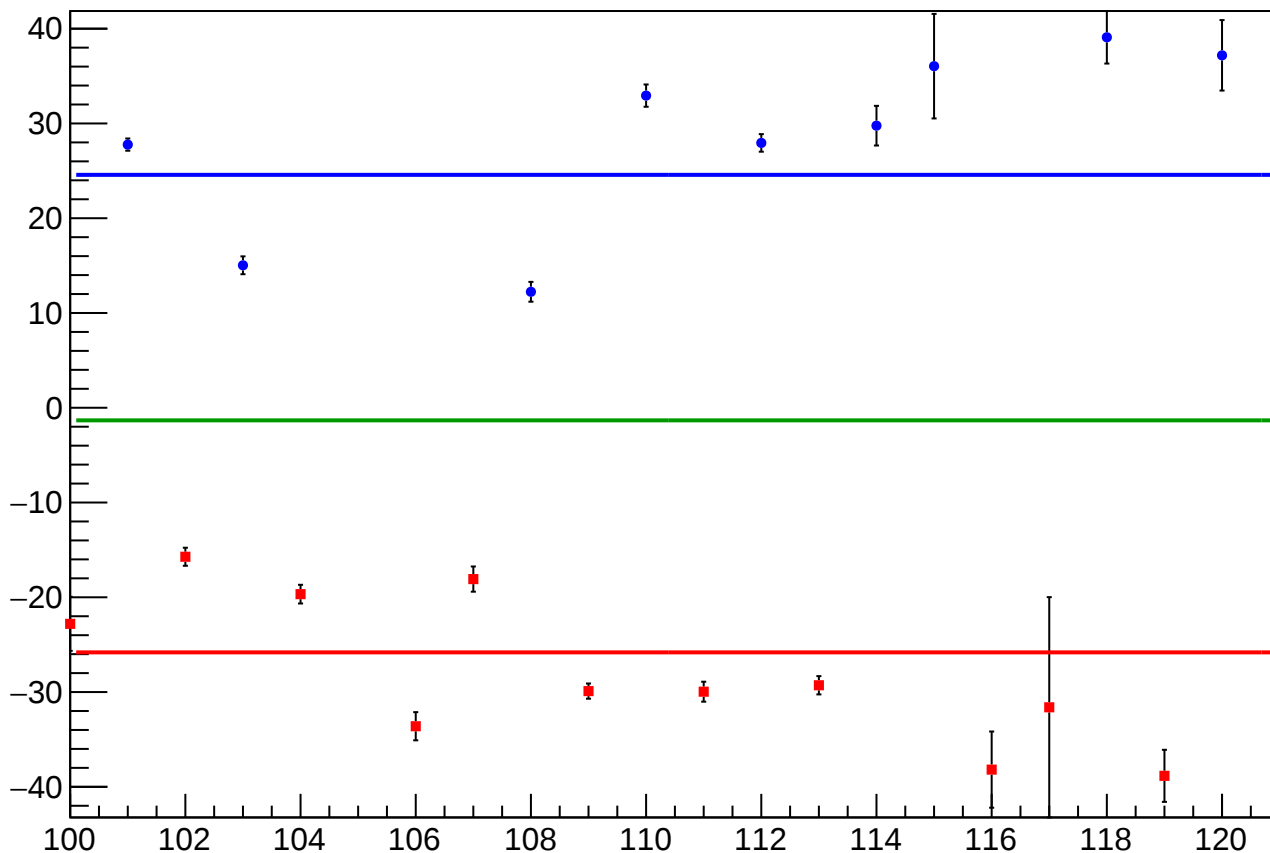
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.233 ± 0.016 χ^2/NDF : 158.4/8

0.045 ± 0.011 χ^2/NDF : 838.3/20

-0.107 ± 0.015 χ^2/NDF : 441.1/11

reg_asym_sam6_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 24.577+/-0.384 χ^2/NDF : 379.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.812+/-0.373 χ^2/NDF : 328.3/11

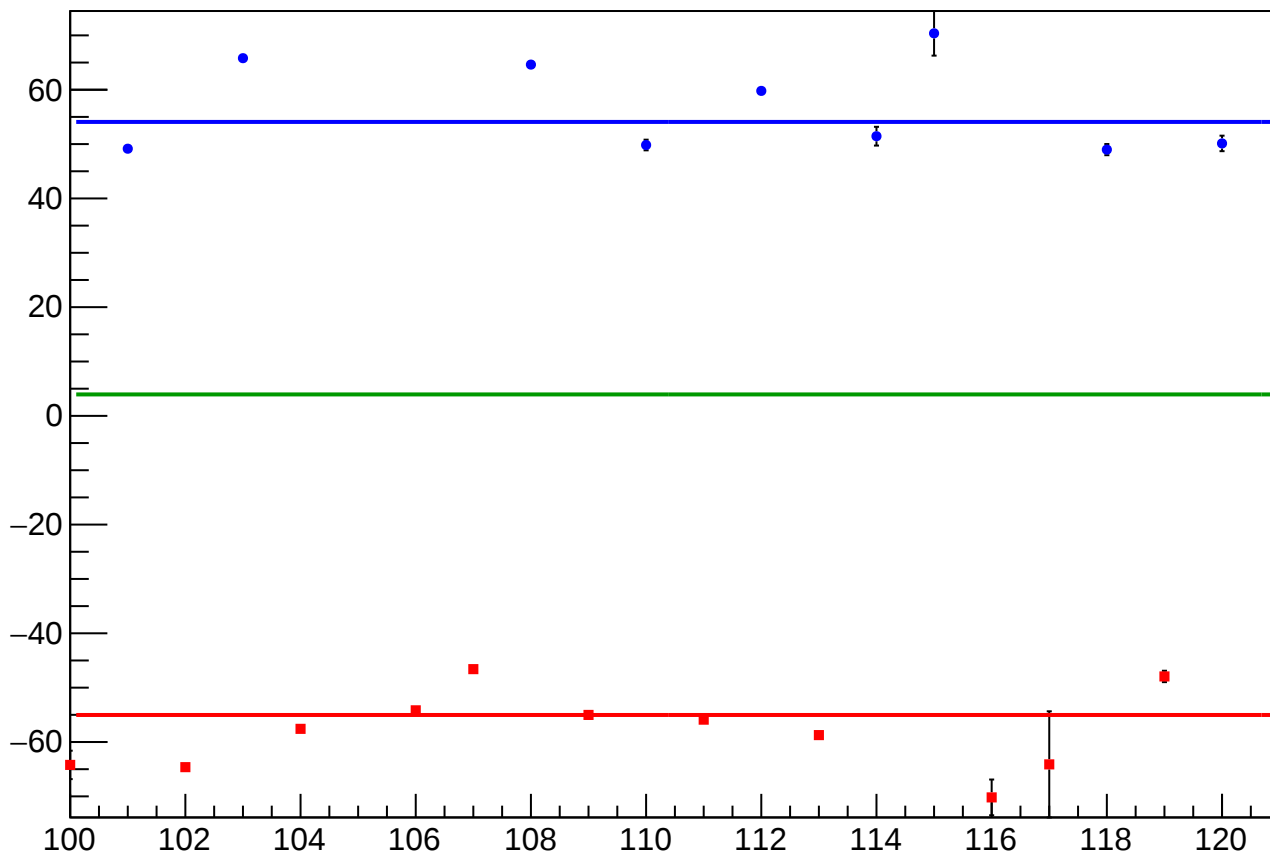
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

24.577+/-0.384 χ^2/NDF : 379.3/8

-1.330+/-0.267 χ^2/NDF : 9579.3/20

-25.812+/-0.373 χ^2/NDF : 328.3/11

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 54.078+/-0.231 χ^2 /NDF: 917.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -55.026+/-0.251 χ^2 /NDF: 565.7/11

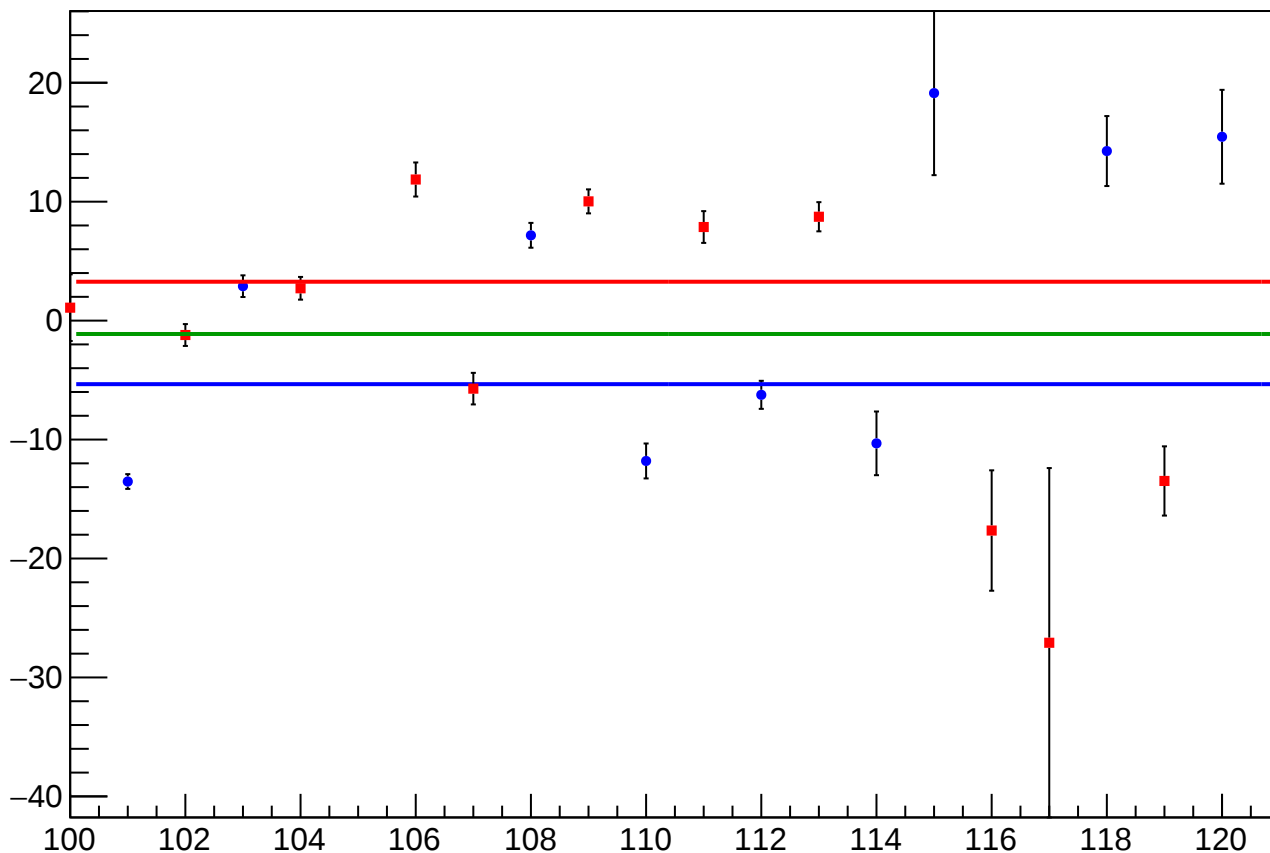
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

54.078+/-0.231 χ^2 /NDF: 917.4/8

3.946+/-0.170 χ^2 /NDF: 103582.9/20

-55.026+/-0.251 χ^2 /NDF: 565.7/11

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.342+/-0.401 χ^2/NDF : 507.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.270+/-0.409 χ^2/NDF : 288.8/11

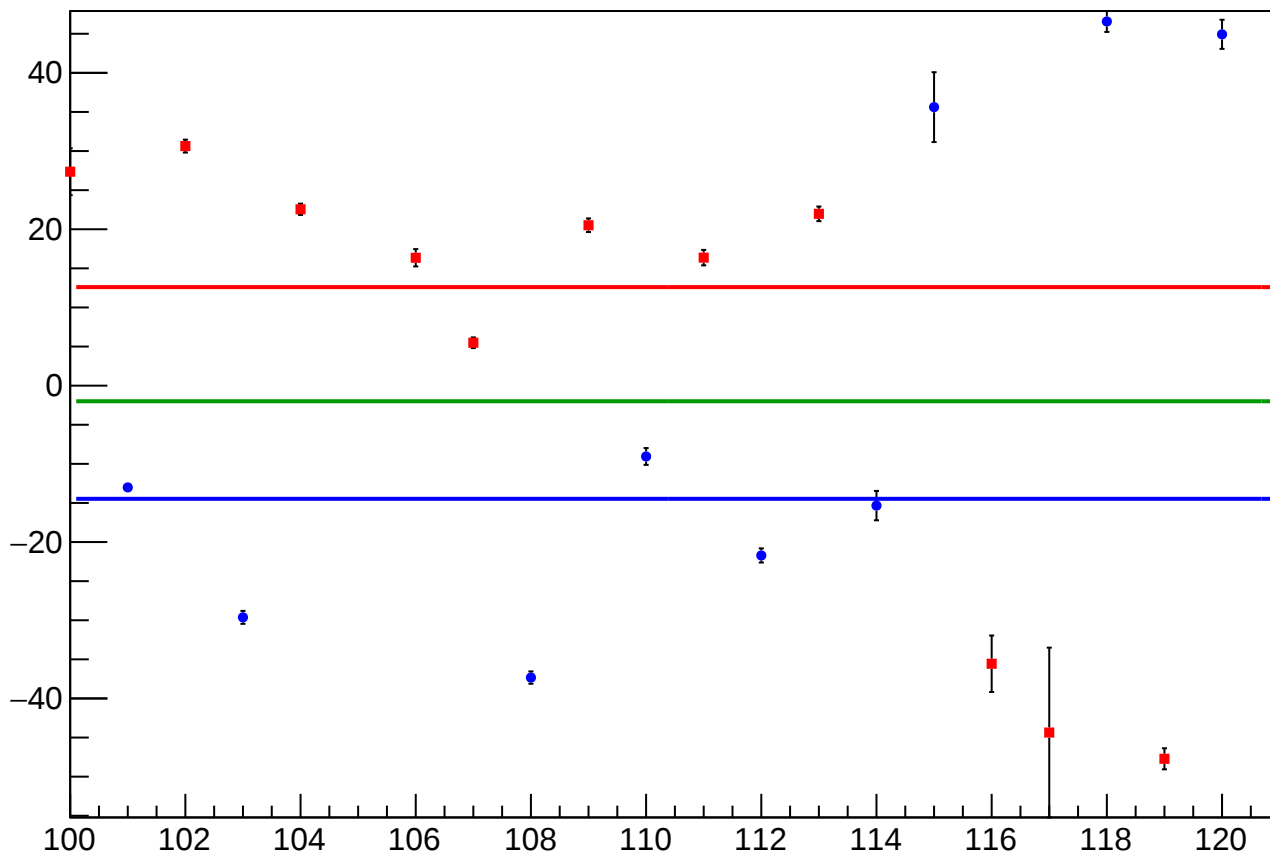
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.342+/-0.401 χ^2/NDF : 507.1/8

-1.124+/-0.286 χ^2/NDF : 1022.3/20

3.270+/-0.409 χ^2/NDF : 288.8/11

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.472 ± 0.278 χ^2/NDF : 4508.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 12.601 ± 0.301 χ^2/NDF : 4410.6/11

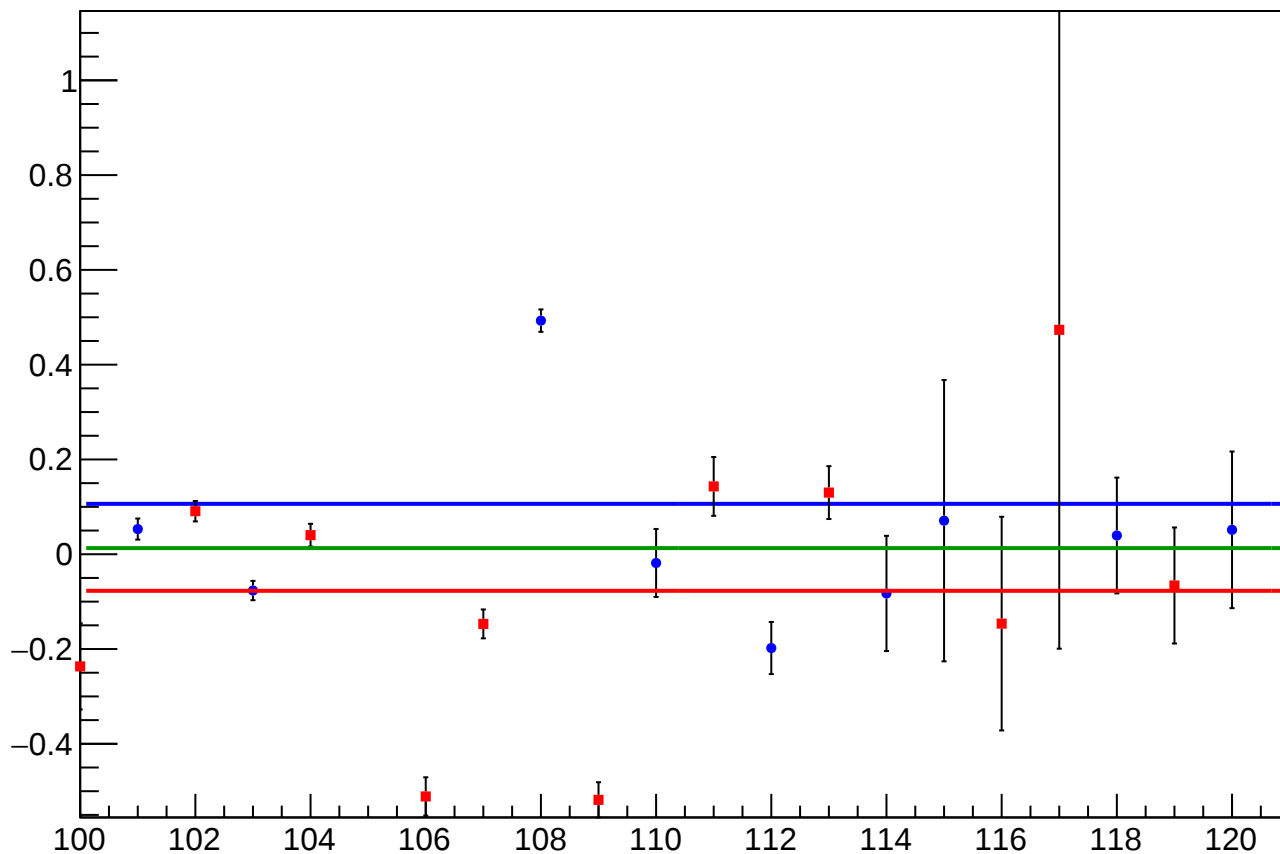
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-14.472 ± 0.278 χ^2/NDF : 4508.7/8

-1.995 ± 0.204 χ^2/NDF : 13274.8/20

12.601 ± 0.301 χ^2/NDF : 4410.6/11

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.106+/-0.012 χ^2/NDF : 389.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.077+/-0.012 χ^2/NDF : 377.8/11

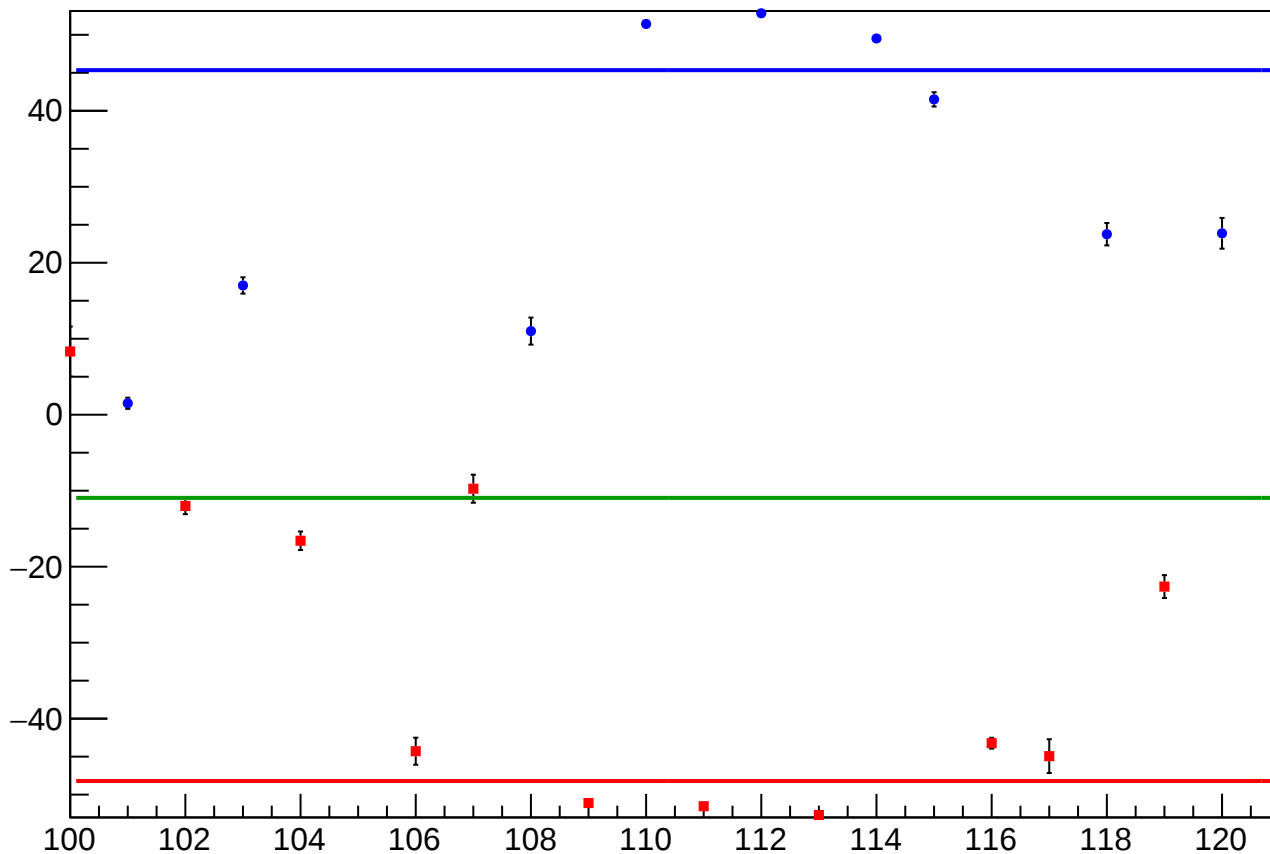
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.106+/-0.012 χ^2/NDF : 389.5/8

0.013+/-0.008 χ^2/NDF : 885.8/20

-0.077+/-0.012 χ^2/NDF : 377.8/11

reg_asym_sam7_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 45.346+/-0.199 χ^2/NDF : 5875.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -48.210+/-0.162 χ^2/NDF : 3627.8/11

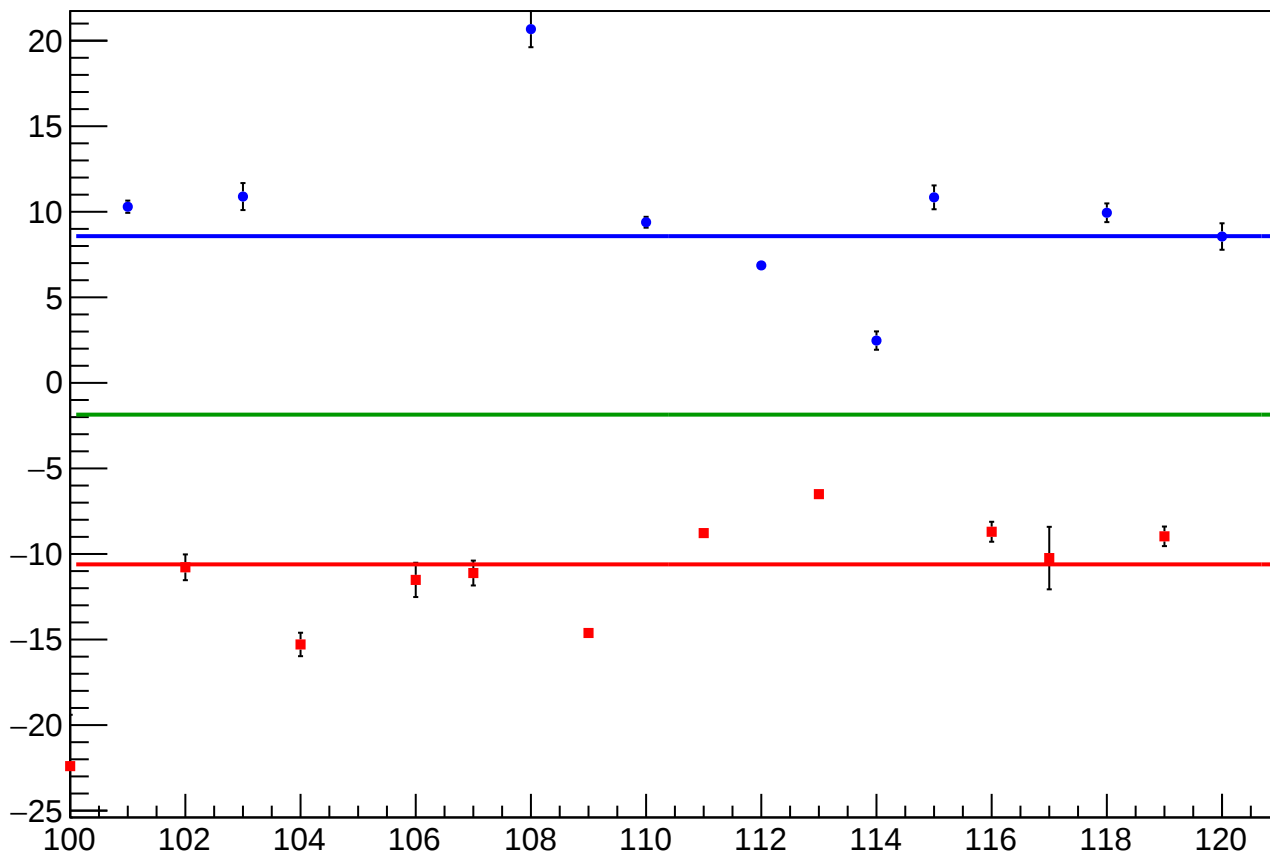
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

45.346+/-0.199 χ^2/NDF : 5875.3/8

-10.944+/-0.125 χ^2/NDF : 142743.0/20

-48.210+/-0.162 χ^2/NDF : 3627.8/11

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.576+/-0.149 χ^2/NDF : 356.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.607+/-0.137 χ^2/NDF : 656.2/11

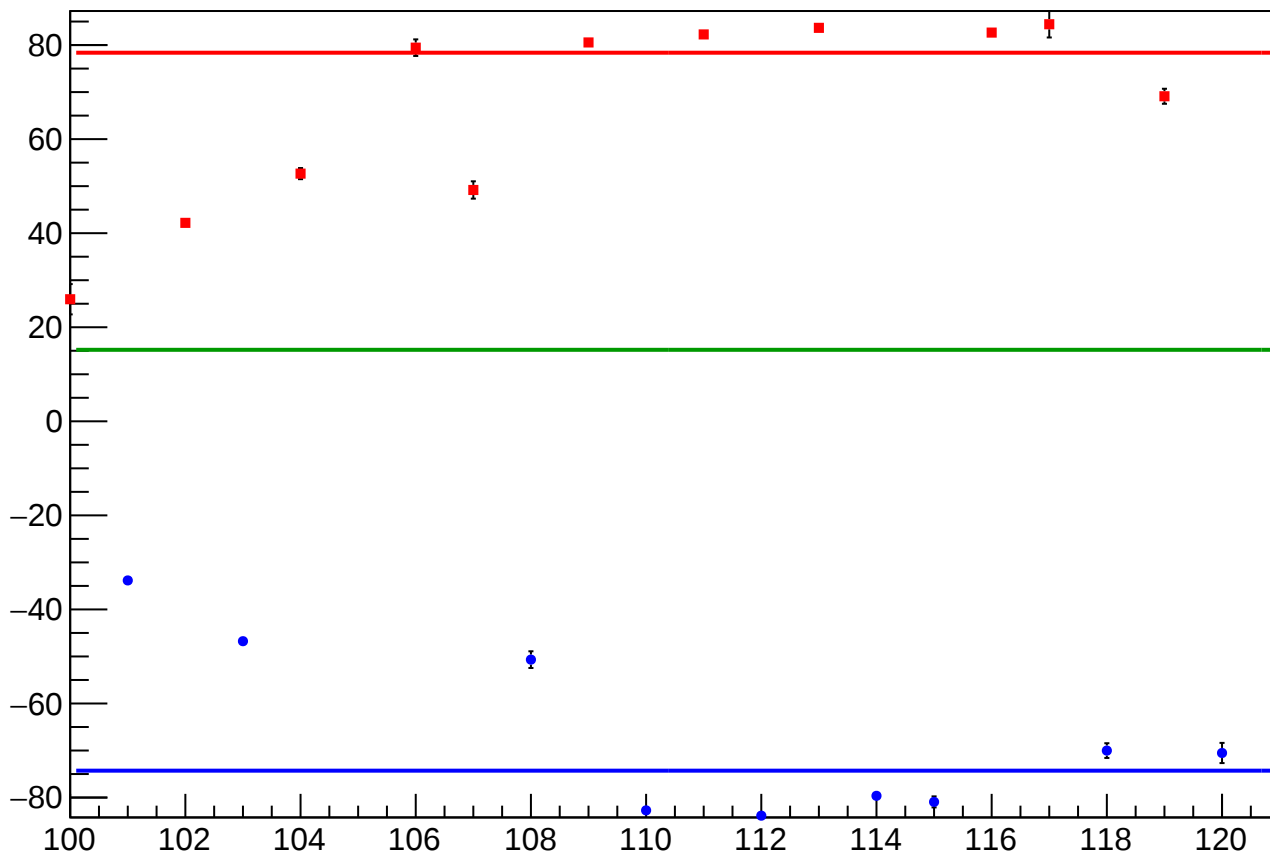
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8.576+/-0.149 χ^2/NDF : 356.6/8

-1.856+/-0.101 χ^2/NDF : 9983.3/20

-10.607+/-0.137 χ^2/NDF : 656.2/11

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -74.282 ± 0.240 χ^2/NDF : 5156.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 78.374 ± 0.202 χ^2/NDF : 2610.8/11

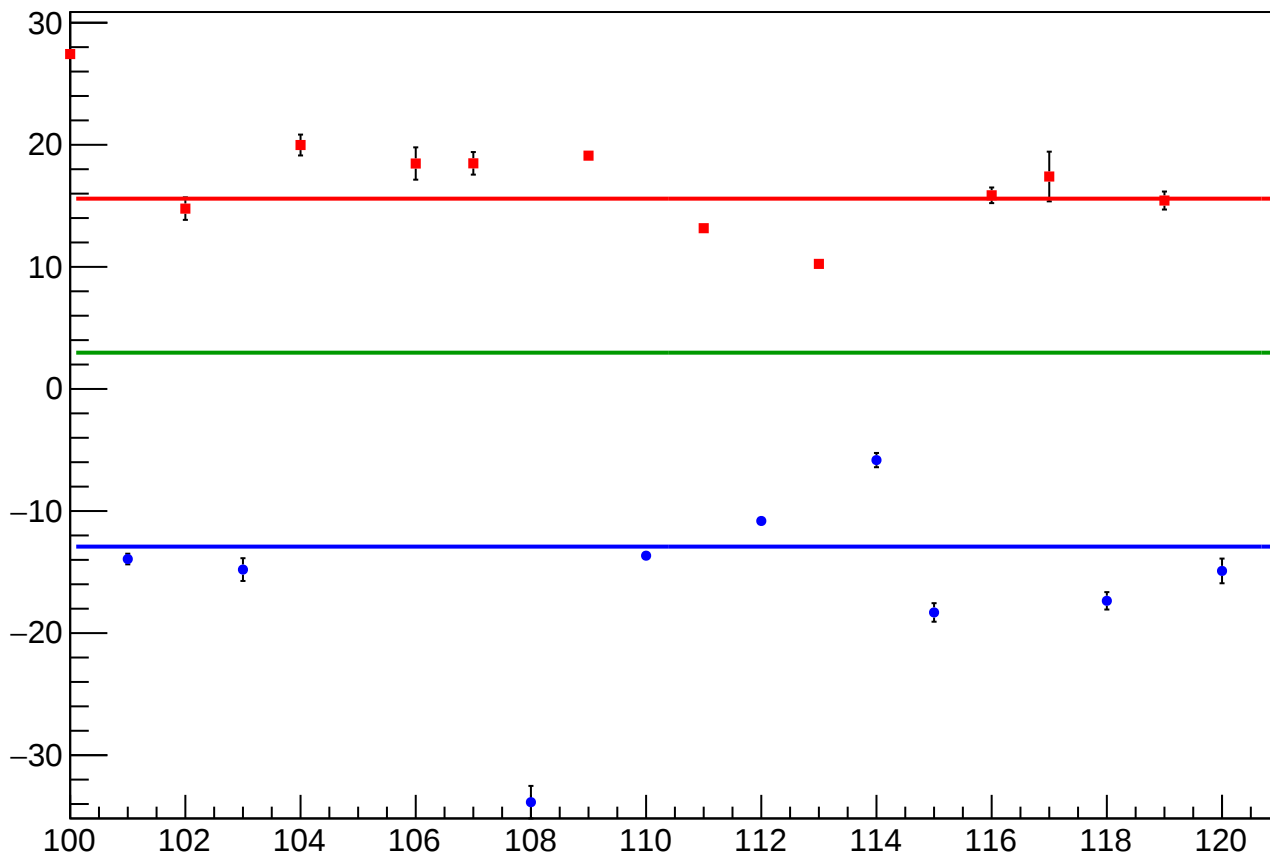
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-74.282 ± 0.240 χ^2/NDF : 5156.1/8

15.202 ± 0.155 χ^2/NDF : 244496.7/20

78.374 ± 0.202 χ^2/NDF : 2610.8/11

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.914 ± 0.170 $\chi^2/\text{NDF}: 552.5/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 15.589 ± 0.152 $\chi^2/\text{NDF}: 833.0/11$

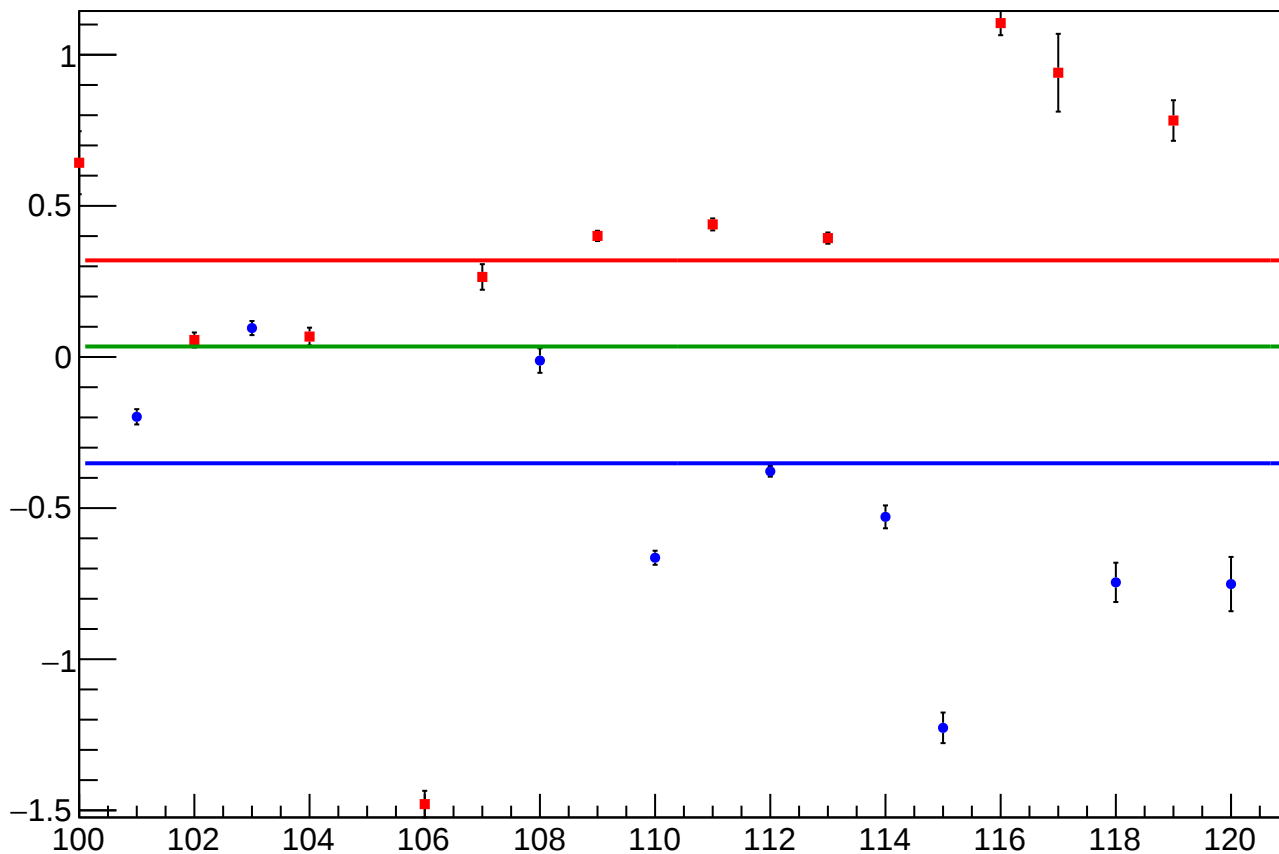
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-12.914 ± 0.170 $\chi^2/\text{NDF}: 552.5/8$

2.972 ± 0.113 $\chi^2/\text{NDF}: 17021.2/20$

15.589 ± 0.152 $\chi^2/\text{NDF}: 833.0/11$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.352 ± 0.010 χ^2/NDF : 1036.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.320 ± 0.008 χ^2/NDF : 2497.1/11

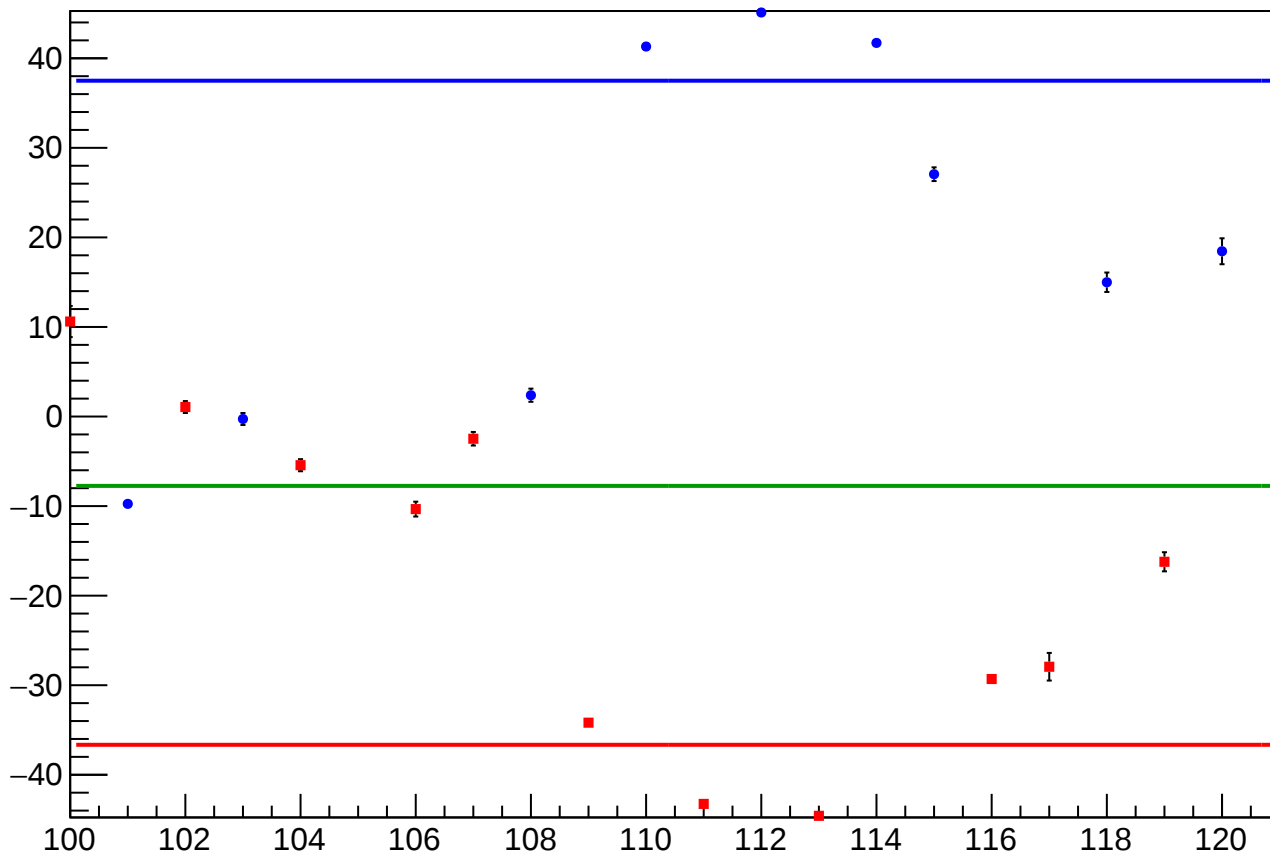
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.352 ± 0.010 χ^2/NDF : 1036.4/8

0.035 ± 0.006 χ^2/NDF : 6258.5/20

0.320 ± 0.008 χ^2/NDF : 2497.1/11

reg_asym_sam8_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 37.496+/-0.113 χ^2/NDF : 18464.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.652+/-0.090 χ^2/NDF : 13982.2/11

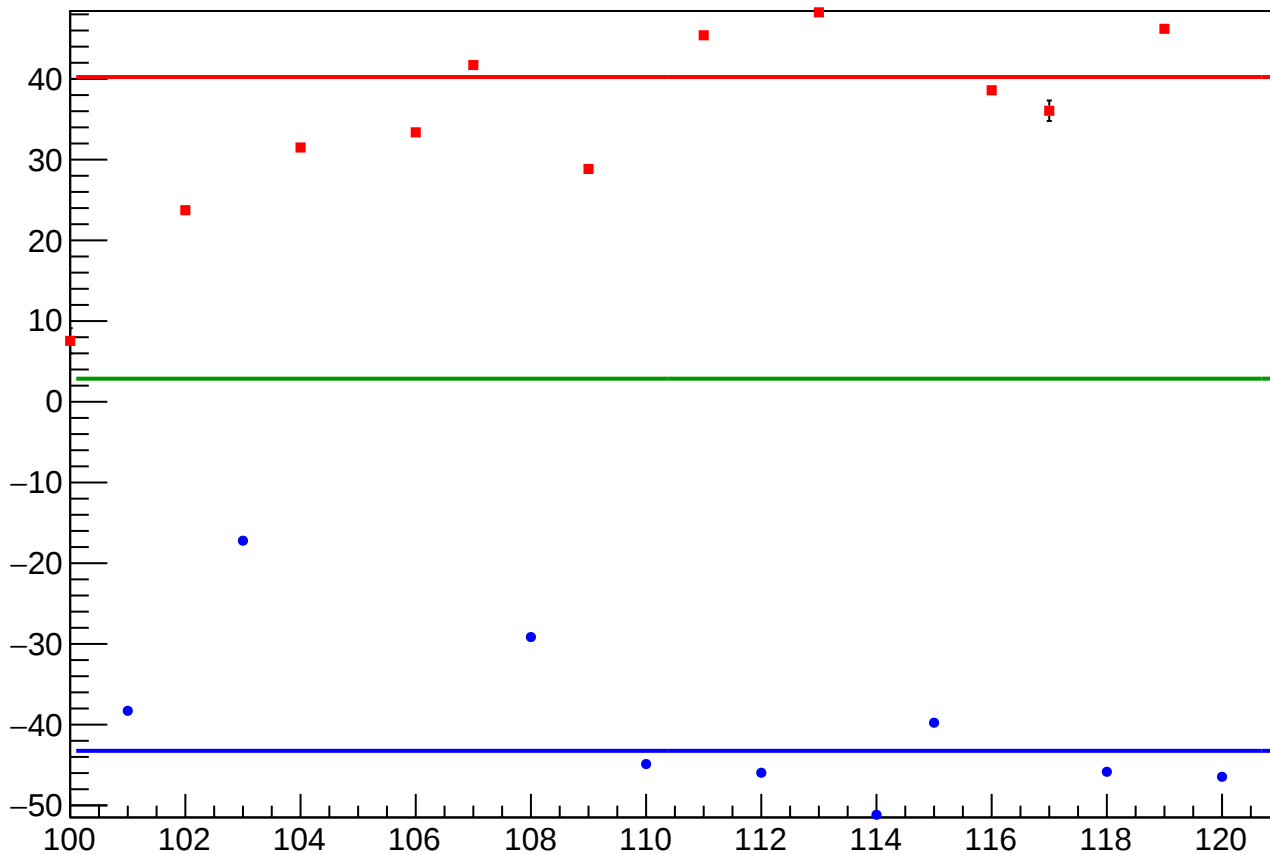
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

37.496+/-0.113 χ^2/NDF : 18464.1/8

-7.743+/-0.071 χ^2/NDF : 294933.1/20

-36.652+/-0.090 χ^2/NDF : 13982.2/11

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -43.244+/-0.088 χ^2/NDF : 5307.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.235+/-0.079 χ^2/NDF : 10755.7/11

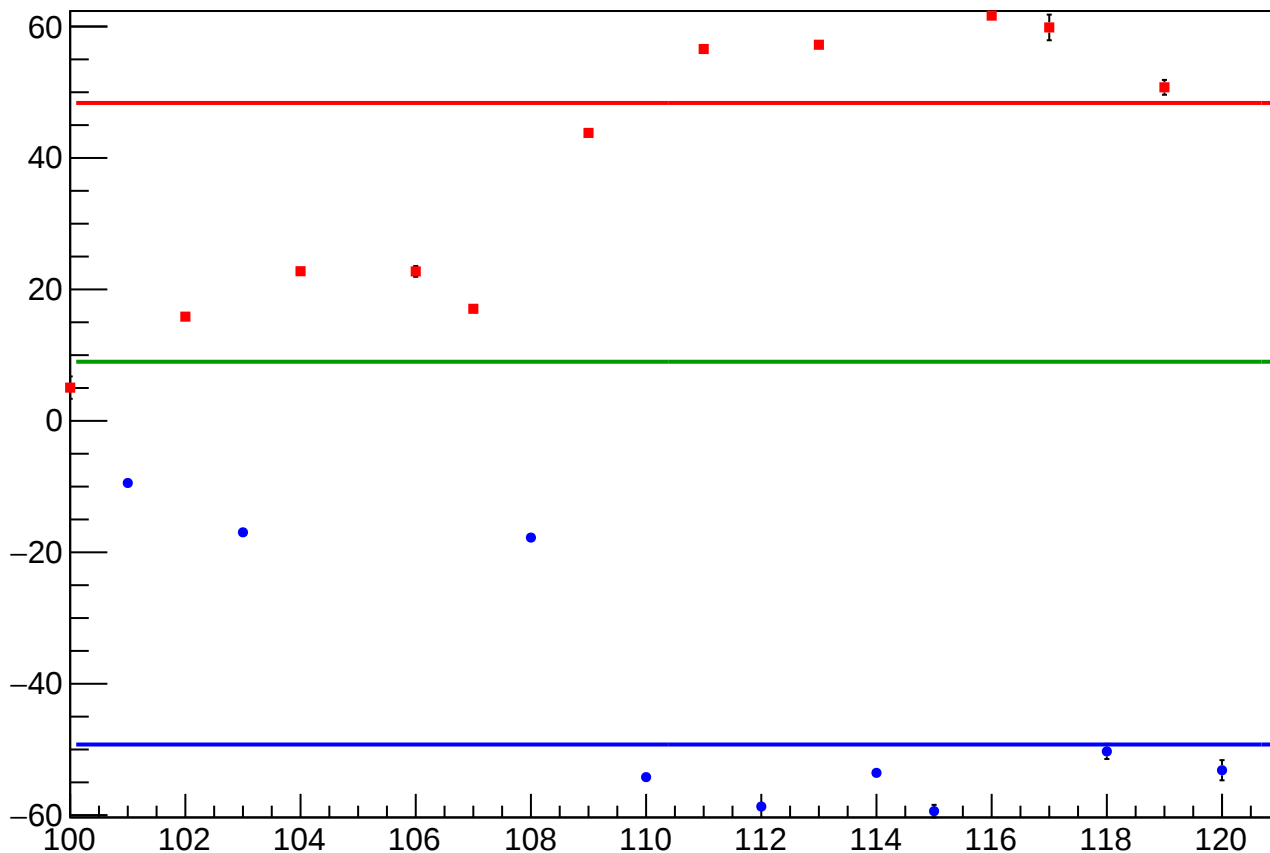
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-43.244+/-0.088 χ^2/NDF : 5307.8/8

2.864+/-0.059 χ^2/NDF : 512211.5/20

40.235+/-0.079 χ^2/NDF : 10755.7/11

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -49.241±/-0.138 χ^2/NDF : 14264.8/8

Left Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.372±/-0.113 χ^2/NDF : 11233.1/11

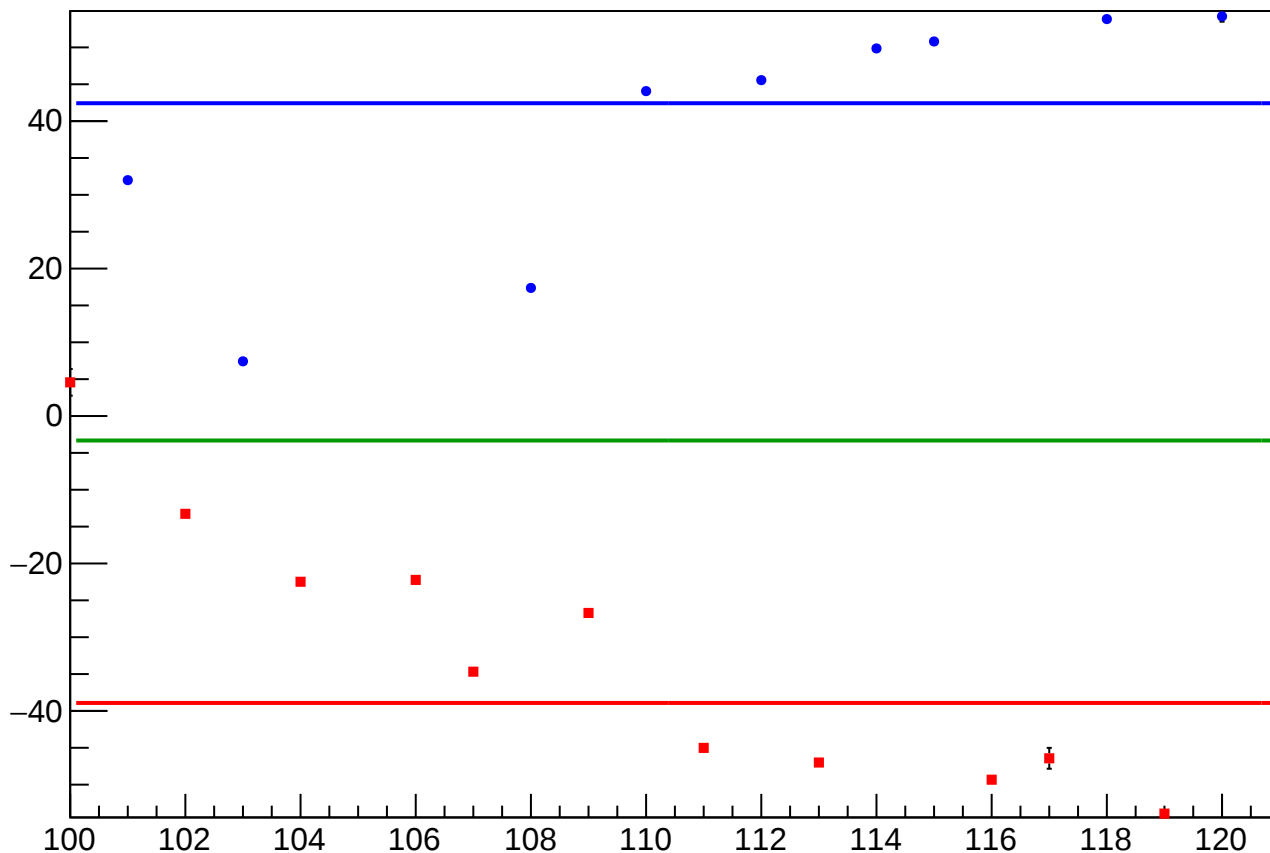
Left In: 0.000±/-0.000 χ^2/NDF : 0.0/0

-49.241±/-0.138 χ^2/NDF : 14264.8/8

8.997±/-0.087 χ^2/NDF : 325686.6/20

48.372±/-0.113 χ^2/NDF : 11233.1/11

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.428+/-0.099 χ^2/NDF : 8705.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.918+/-0.088 χ^2/NDF : 14573.6/11

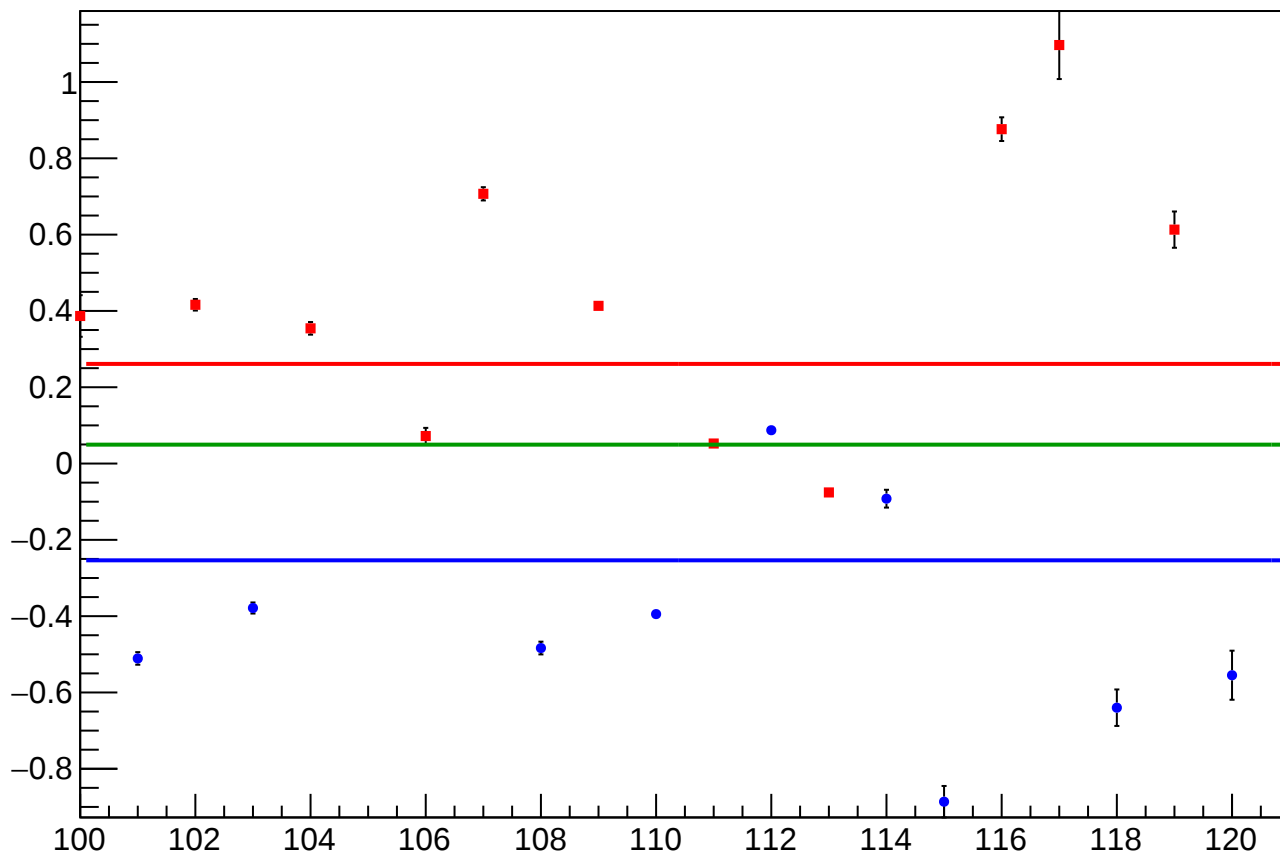
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

42.428+/-0.099 χ^2/NDF : 8705.6/8

-3.320+/-0.066 χ^2/NDF : 399258.0/20

-38.918+/-0.088 χ^2/NDF : 14573.6/11

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.254 ± 0.006 χ^2/NDF : 2227.0/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.261 ± 0.005 χ^2/NDF : 3210.3/11

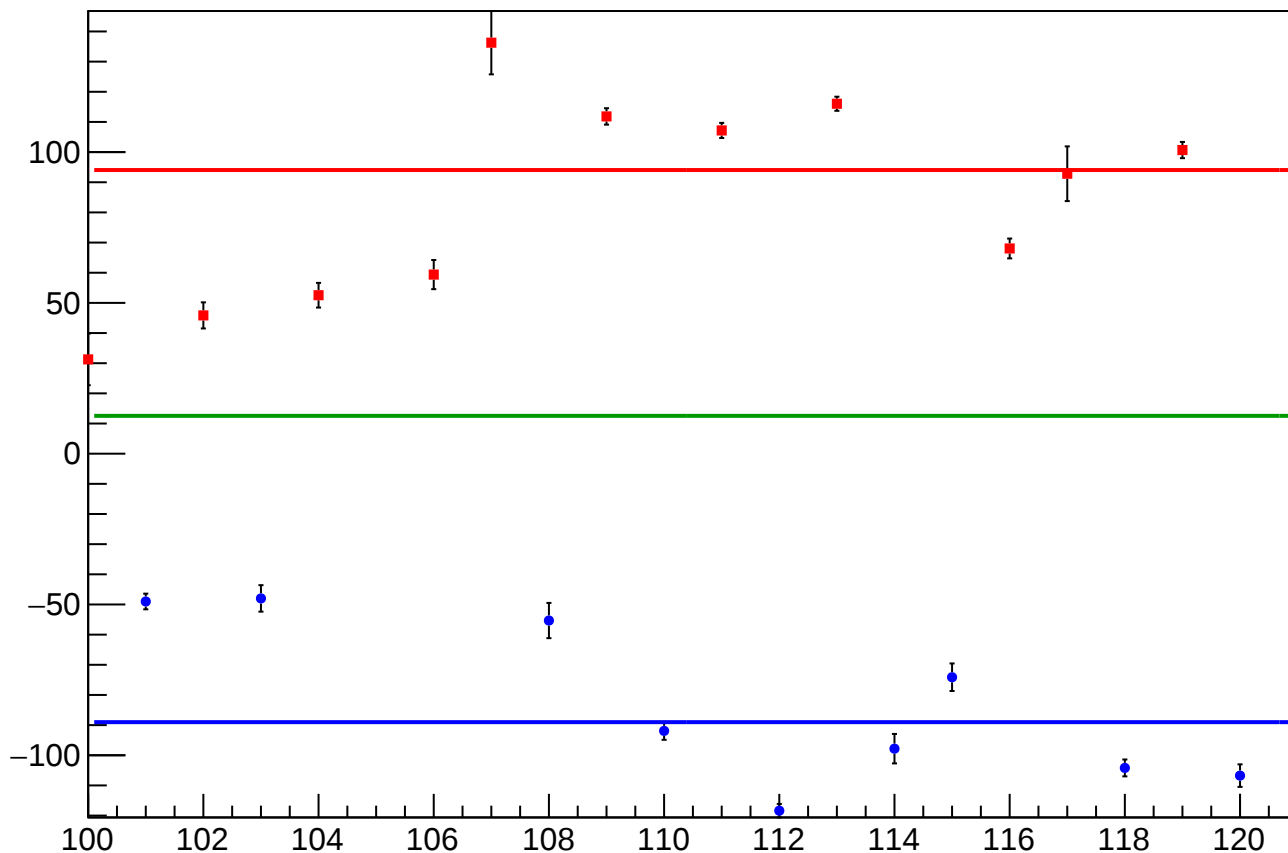
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.254 ± 0.006 χ^2/NDF : 2227.0/8

0.050 ± 0.004 χ^2/NDF : 10439.0/20

0.261 ± 0.005 χ^2/NDF : 3210.3/11

reg_asym_usl_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -89.020 $\pm$ 1.097 χ^2 /NDF: 595.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 94.050 $\pm$ 0.983 χ^2 /NDF: 575.0/11

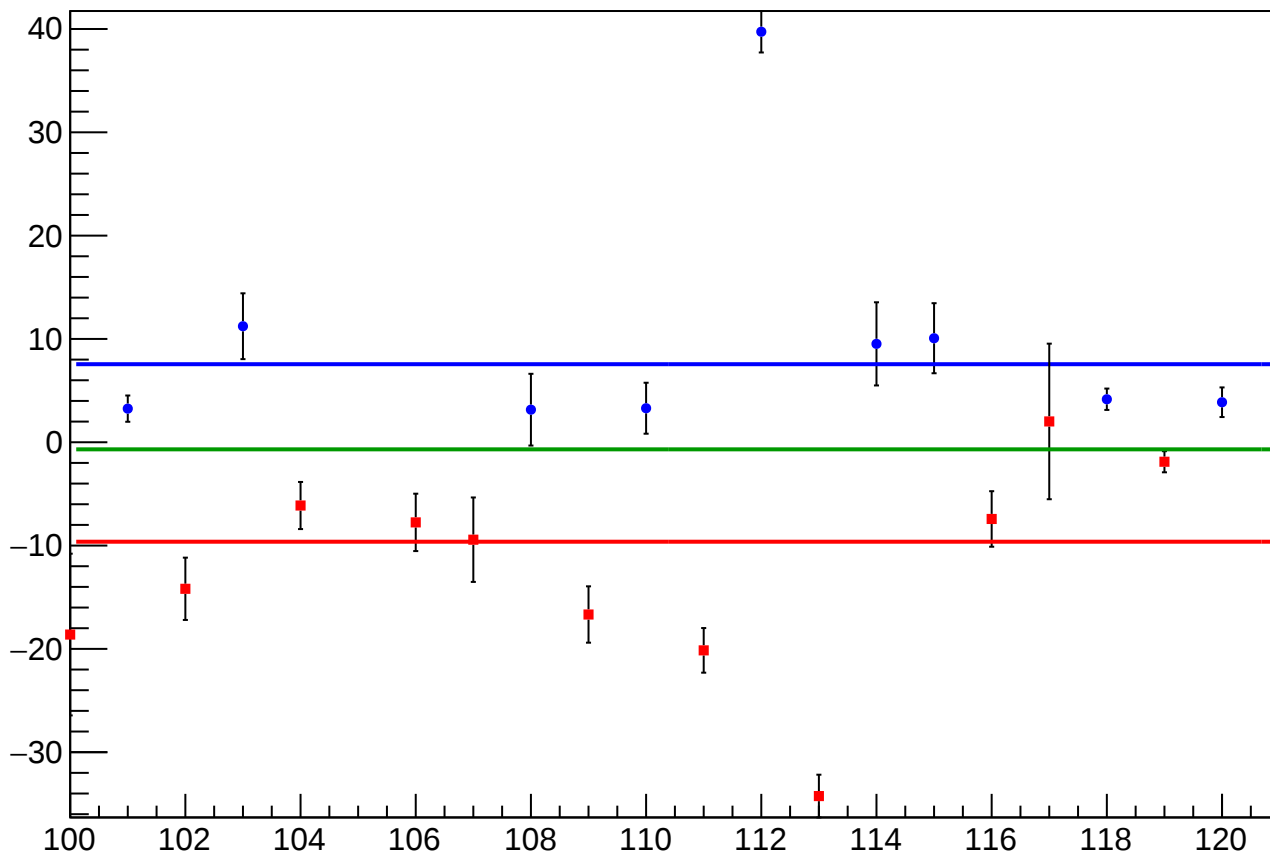
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-89.020 $\pm$ 1.097 χ^2 /NDF: 595.7/8

12.548 $\pm$ 0.732 χ^2 /NDF: 16627.6/20

94.050 $\pm$ 0.983 χ^2 /NDF: 575.0/11

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.555+/-0.599 χ^2/NDF : 292.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.627+/-0.624 χ^2/NDF : 240.3/11

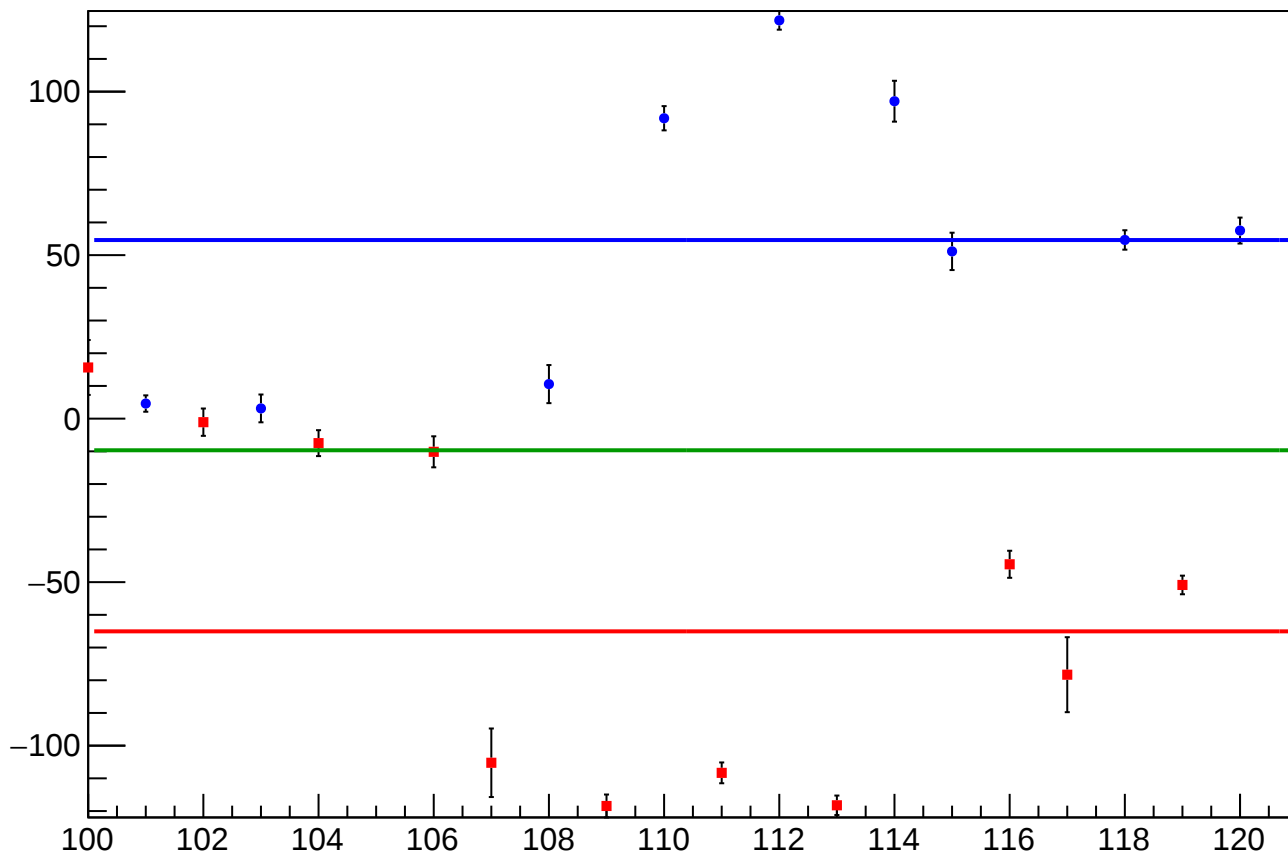
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7.555+/-0.599 χ^2/NDF : 292.7/8

-0.686+/-0.432 χ^2/NDF : 927.4/20

-9.627+/-0.624 χ^2/NDF : 240.3/11

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 54.615+/-1.219 χ^2/NDF : 1304.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -65.048+/-1.131 χ^2/NDF : 1486.6/11

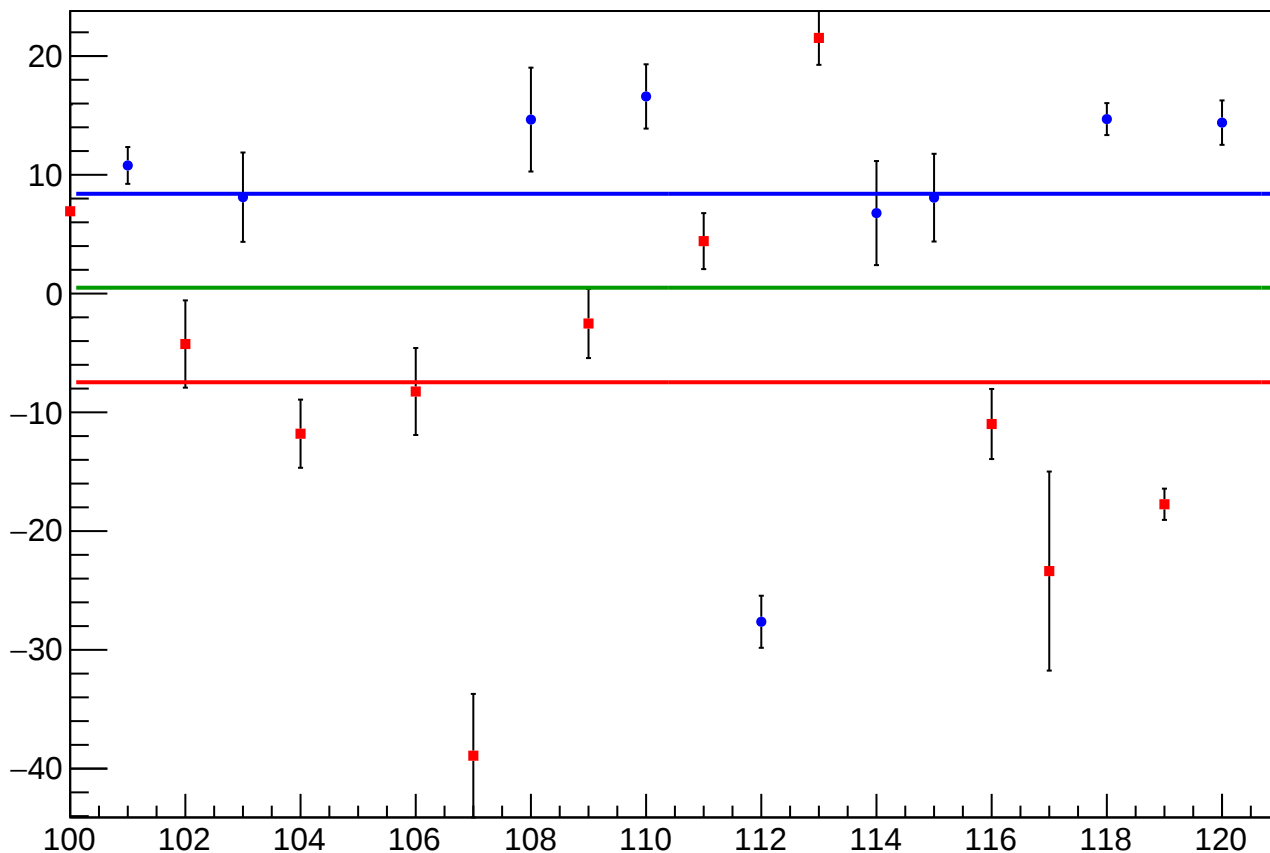
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

54.615+/-1.219 χ^2/NDF : 1304.4/8

-9.674+/-0.829 χ^2/NDF : 7968.6/20

-65.048+/-1.131 χ^2/NDF : 1486.6/11

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.402 ± 0.736 χ^2/NDF : 315.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.467 ± 0.738 χ^2/NDF : 300.9/11

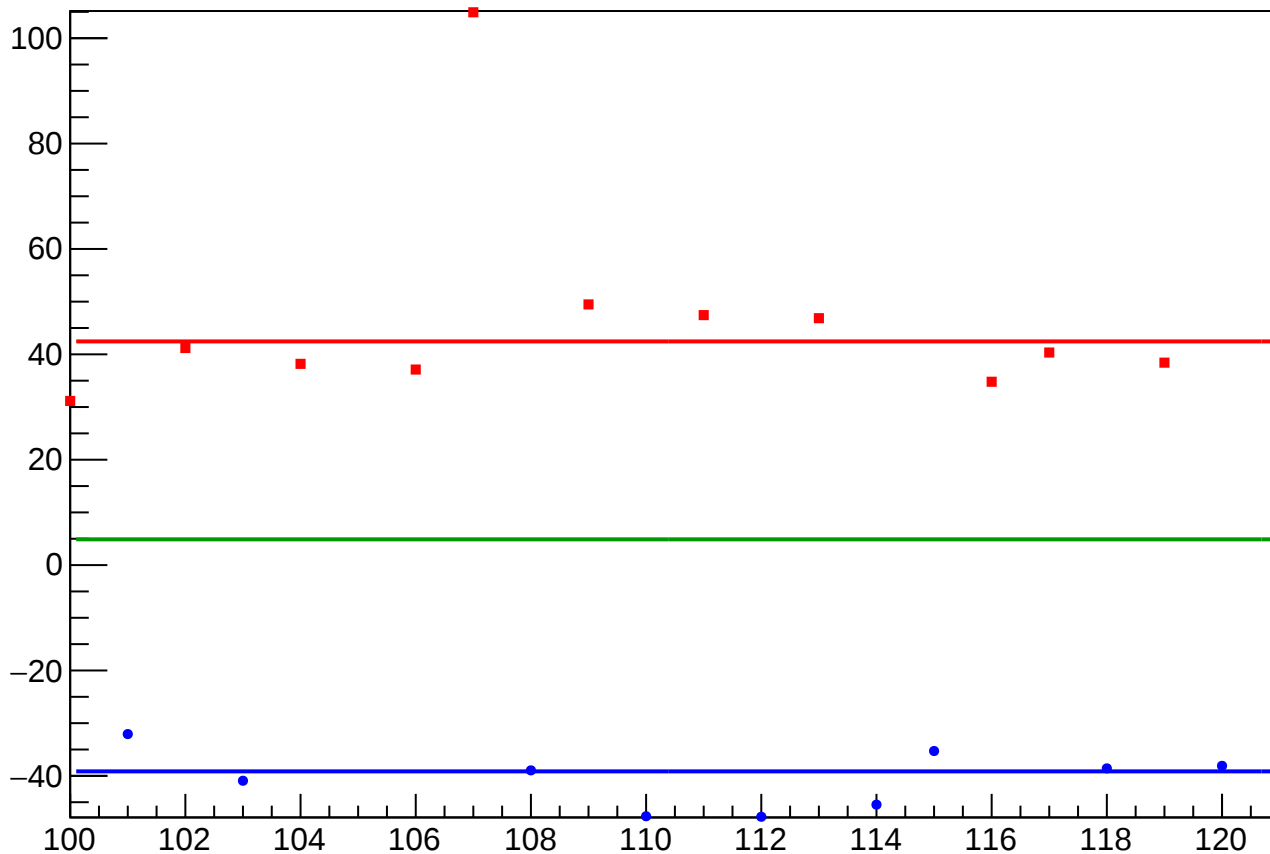
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

8.402 ± 0.736 χ^2/NDF : 315.9/8

0.494 ± 0.521 χ^2/NDF : 848.7/20

-7.467 ± 0.738 χ^2/NDF : 300.9/11

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.148 $\pm$ 0.044 χ^2 /NDF: 13748.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 42.452 $\pm$ 0.041 χ^2 /NDF: 81367.4/11

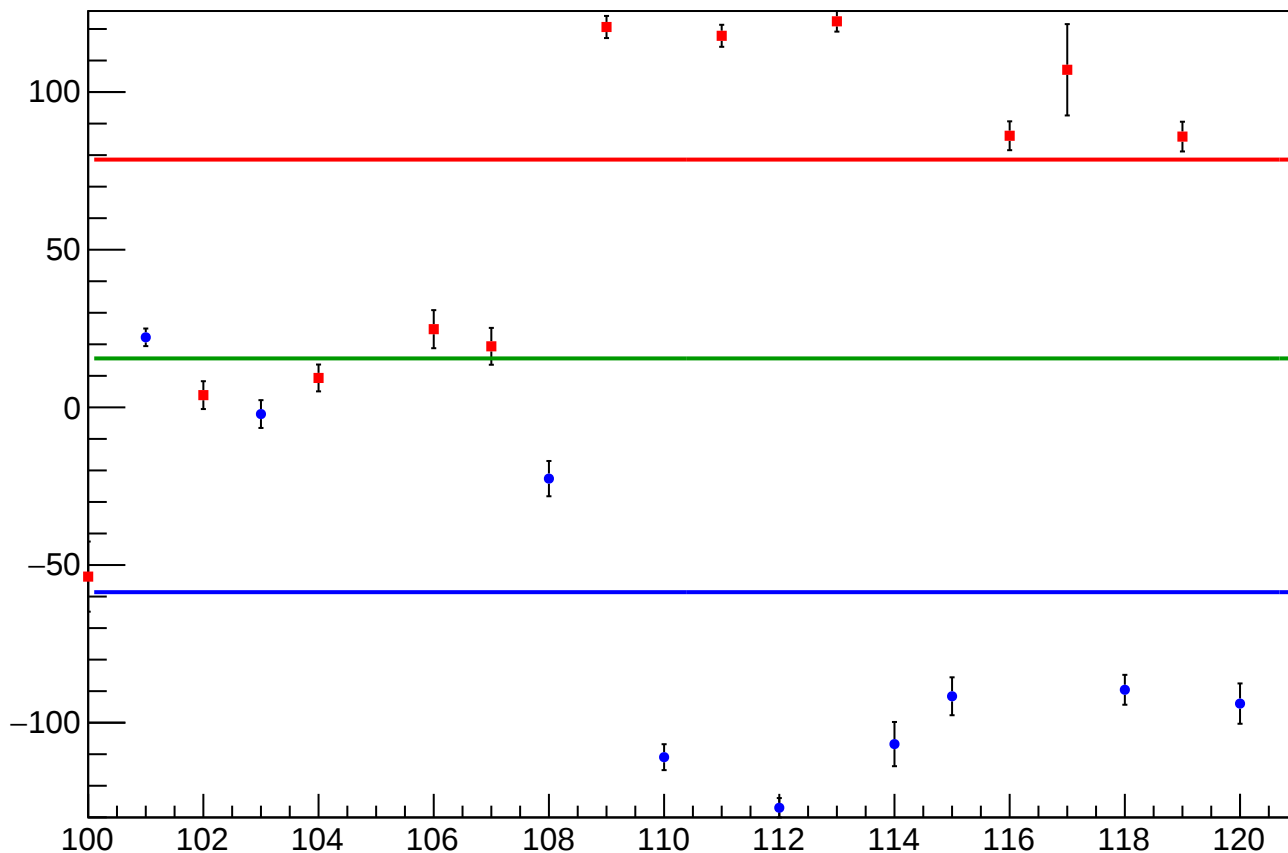
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-39.148 $\pm$ 0.044 χ^2 /NDF: 13748.5/8

4.888 $\pm$ 0.030 χ^2 /NDF: 1921507.0/20

42.452 $\pm$ 0.041 χ^2 /NDF: 81367.4/11

reg_asym_usr_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -58.608+/-1.423 χ^2/NDF : 1853.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.583+/-1.312 χ^2/NDF : 1335.9/11

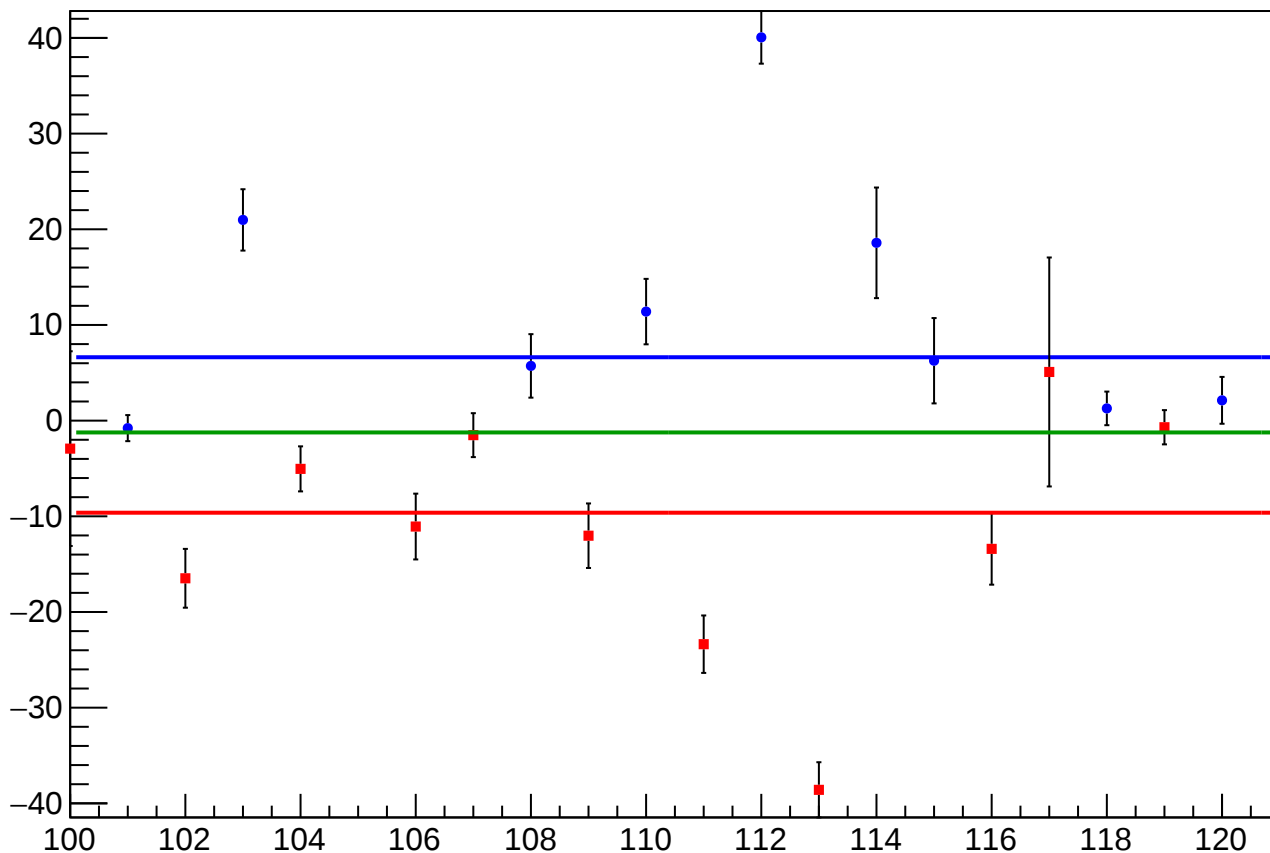
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-58.608+/-1.423 χ^2/NDF : 1853.1/8

15.524+/-0.965 χ^2/NDF : 8212.5/20

78.583+/-1.312 χ^2/NDF : 1335.9/11

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.626 ± 0.812 χ^2/NDF : 216.2/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -9.623 ± 0.839 χ^2/NDF : 178.7/11

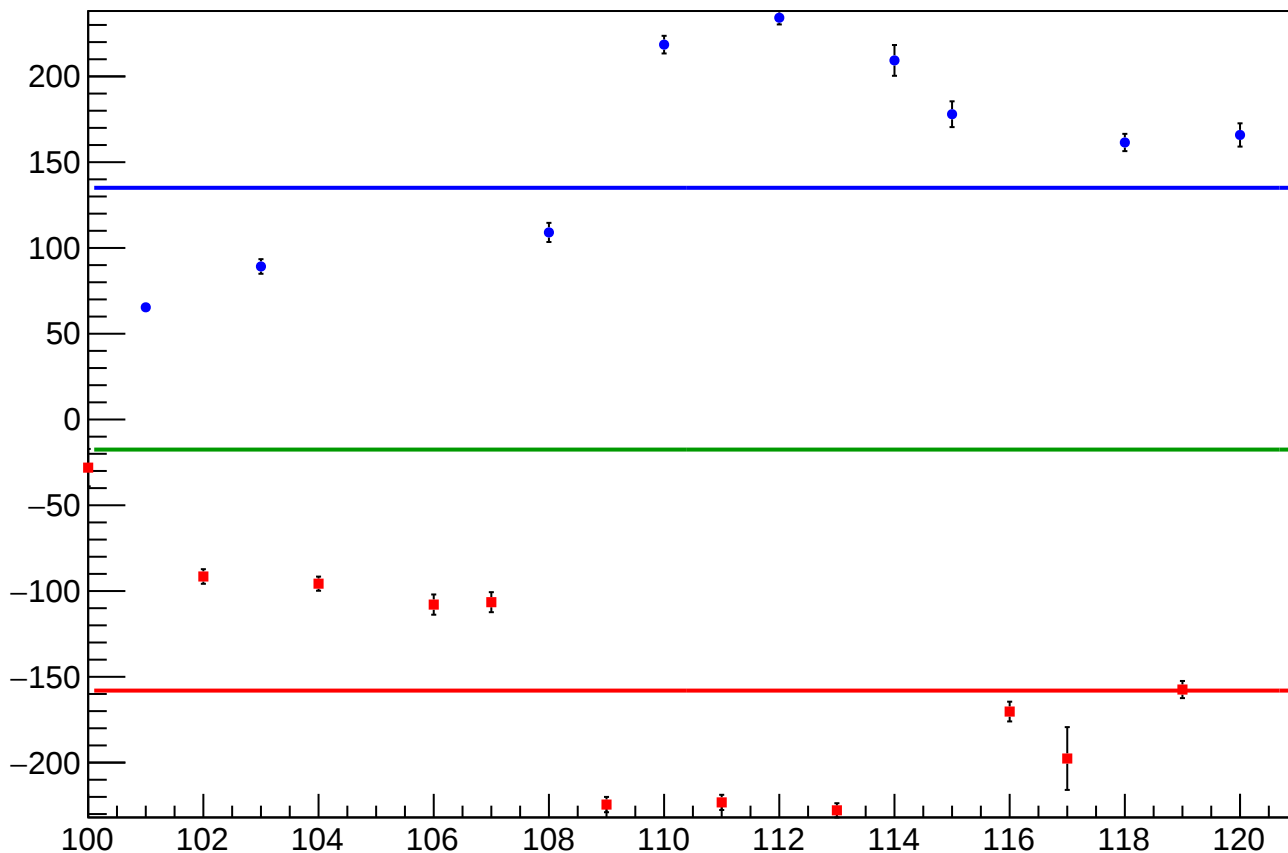
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

6.626 ± 0.812 χ^2/NDF : 216.2/8

-1.234 ± 0.584 χ^2/NDF : 588.5/20

-9.623 ± 0.839 χ^2/NDF : 178.7/11

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 135.068+/-1.543 χ^2/NDF : 1864.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -158.029+/-1.480 χ^2/NDF : 1495.6/11

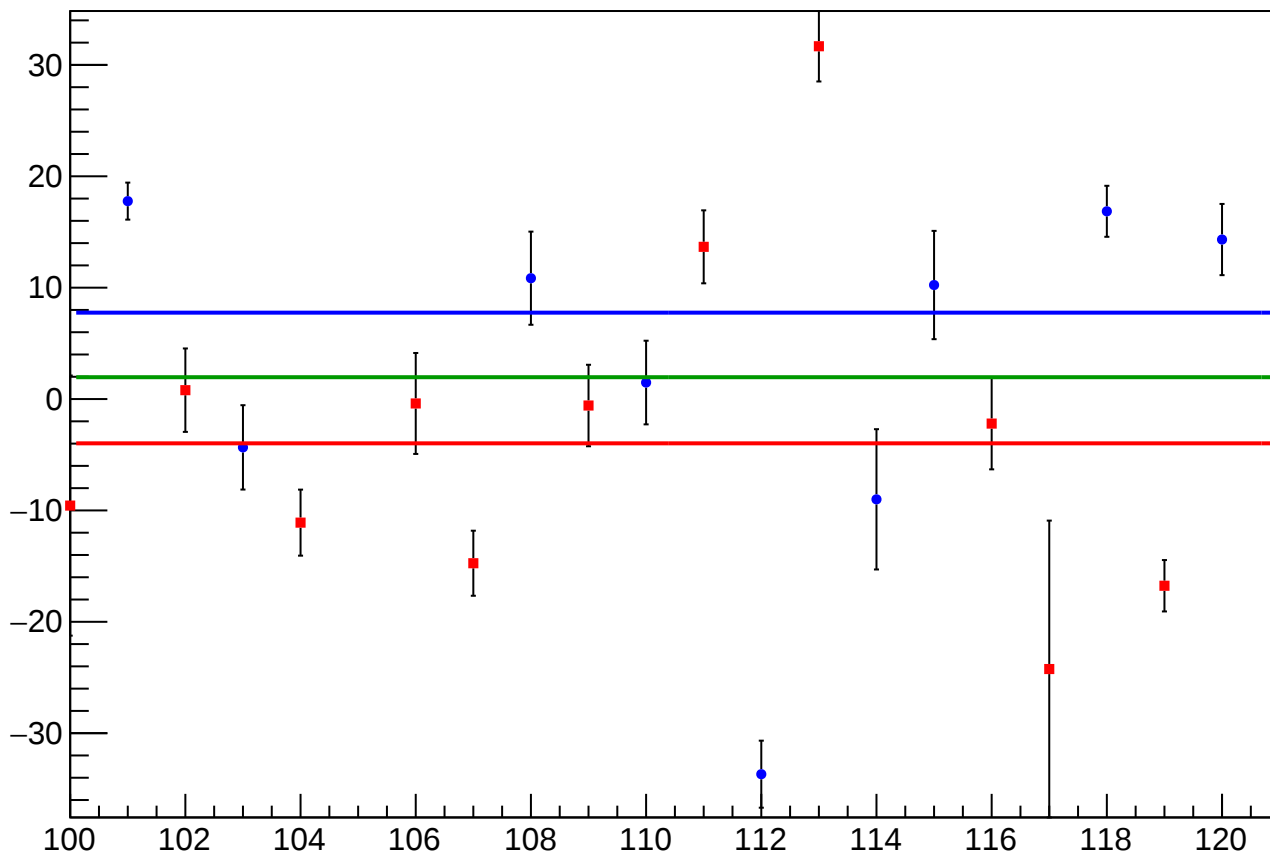
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

135.068+/-1.543 χ^2/NDF : 1864.0/8

-17.531+/-1.068 χ^2/NDF : 22152.4/20

-158.029+/-1.480 χ^2/NDF : 1495.6/11

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.757 $\pm$ 0.987 χ^2 /NDF: 266.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.976 $\pm$ 0.999 χ^2 /NDF: 229.0/11

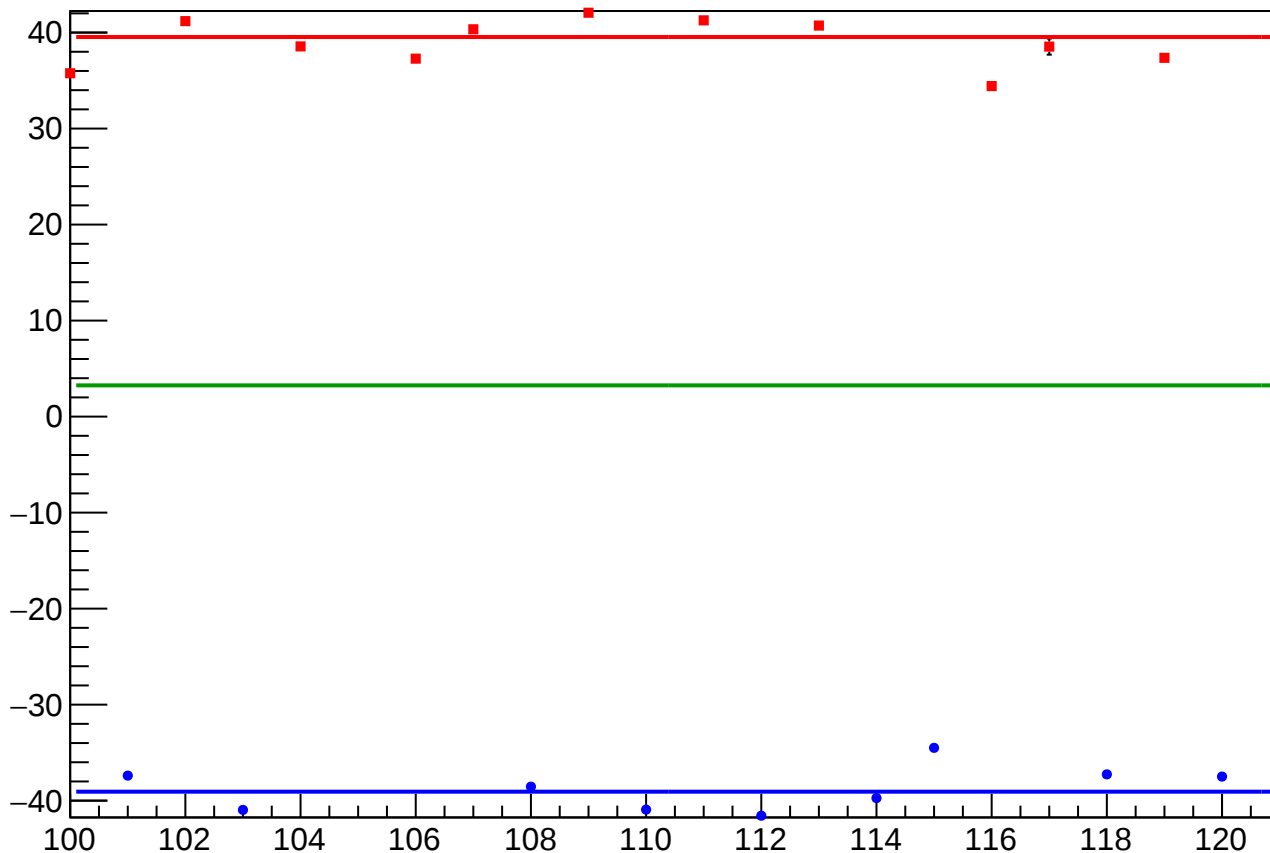
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7.757 $\pm$ 0.987 χ^2 /NDF: 266.9/8

1.961 $\pm$ 0.702 χ^2 /NDF: 565.7/20

-3.976 $\pm$ 0.999 χ^2 /NDF: 229.0/11

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.065+/-0.052 χ^2/NDF : 1261.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.537+/-0.048 χ^2/NDF : 1553.1/11

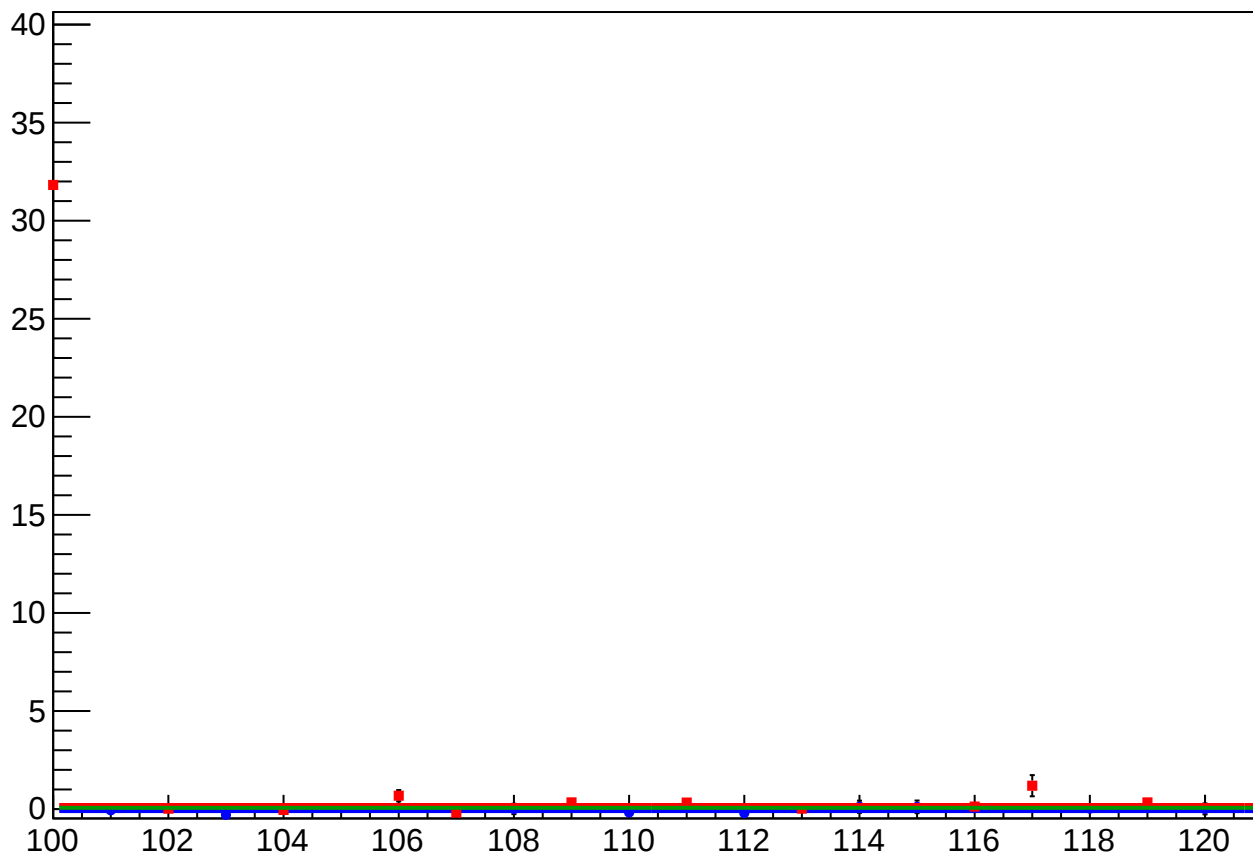
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-39.065+/-0.052 χ^2/NDF : 1261.5/8

3.254+/-0.035 χ^2/NDF : 1251384.3/20

39.537+/-0.048 χ^2/NDF : 1553.1/11

reg_asym_dsl_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.103+/-0.066 χ^2/NDF : 3.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.208+/-0.061 χ^2/NDF : 26.8/11

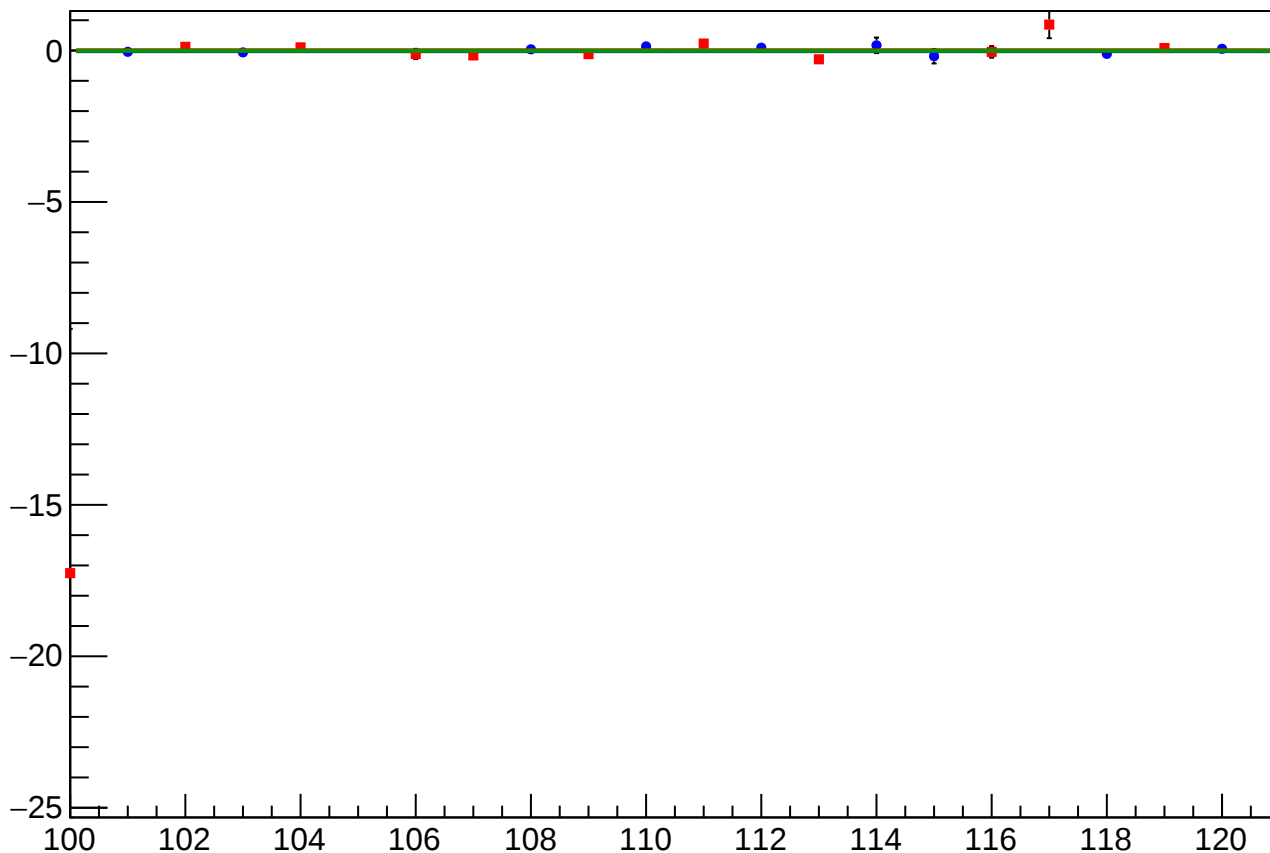
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.103+/-0.066 χ^2/NDF : 3.5/8

0.065+/-0.045 χ^2/NDF : 42.3/20

0.208+/-0.061 χ^2/NDF : 26.8/11

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.021+/-0.037 χ^2/NDF : 5.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.039 χ^2/NDF : 21.6/11

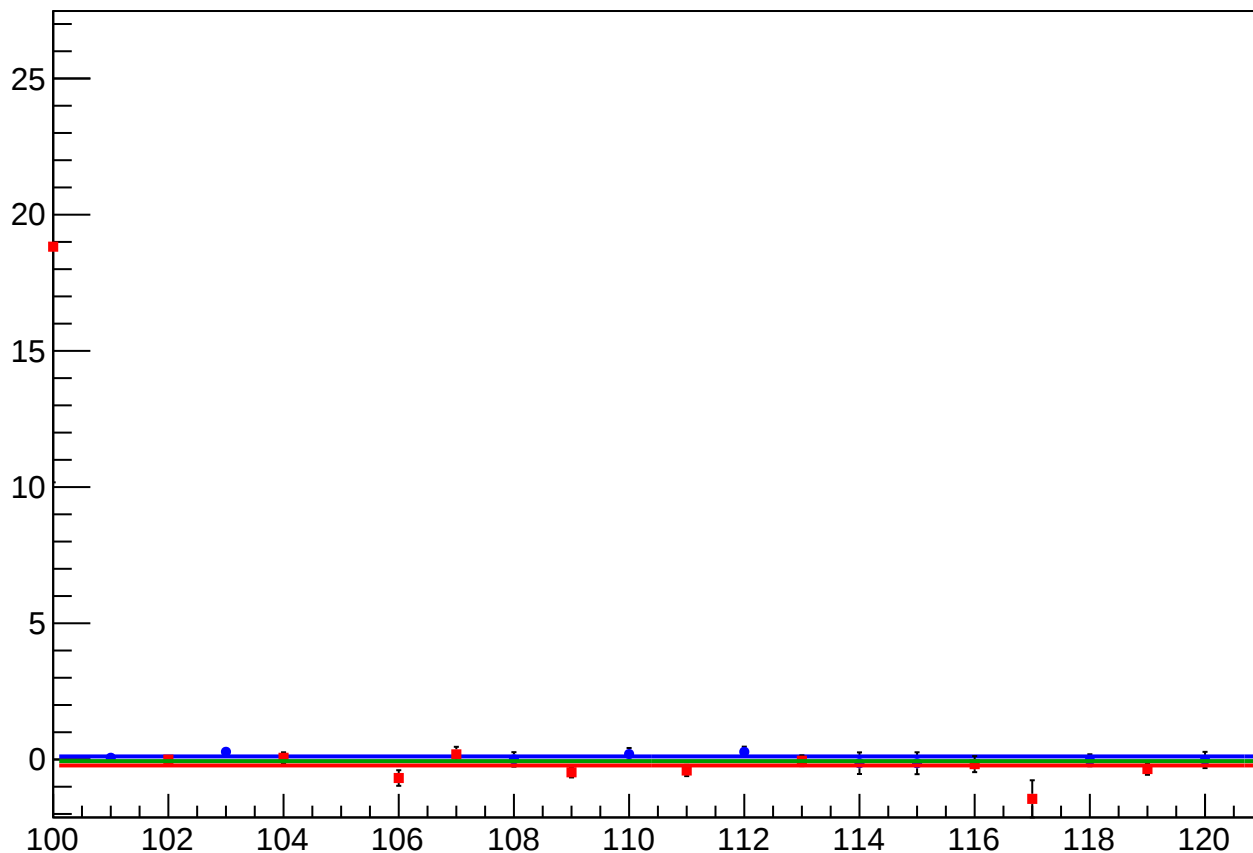
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.021+/-0.037 χ^2/NDF : 5.2/8

-0.007+/-0.027 χ^2/NDF : 27.0/20

0.007+/-0.039 χ^2/NDF : 21.6/11

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.112 ± 0.071 χ^2/NDF : 3.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.219 ± 0.069 χ^2/NDF : 20.0/11

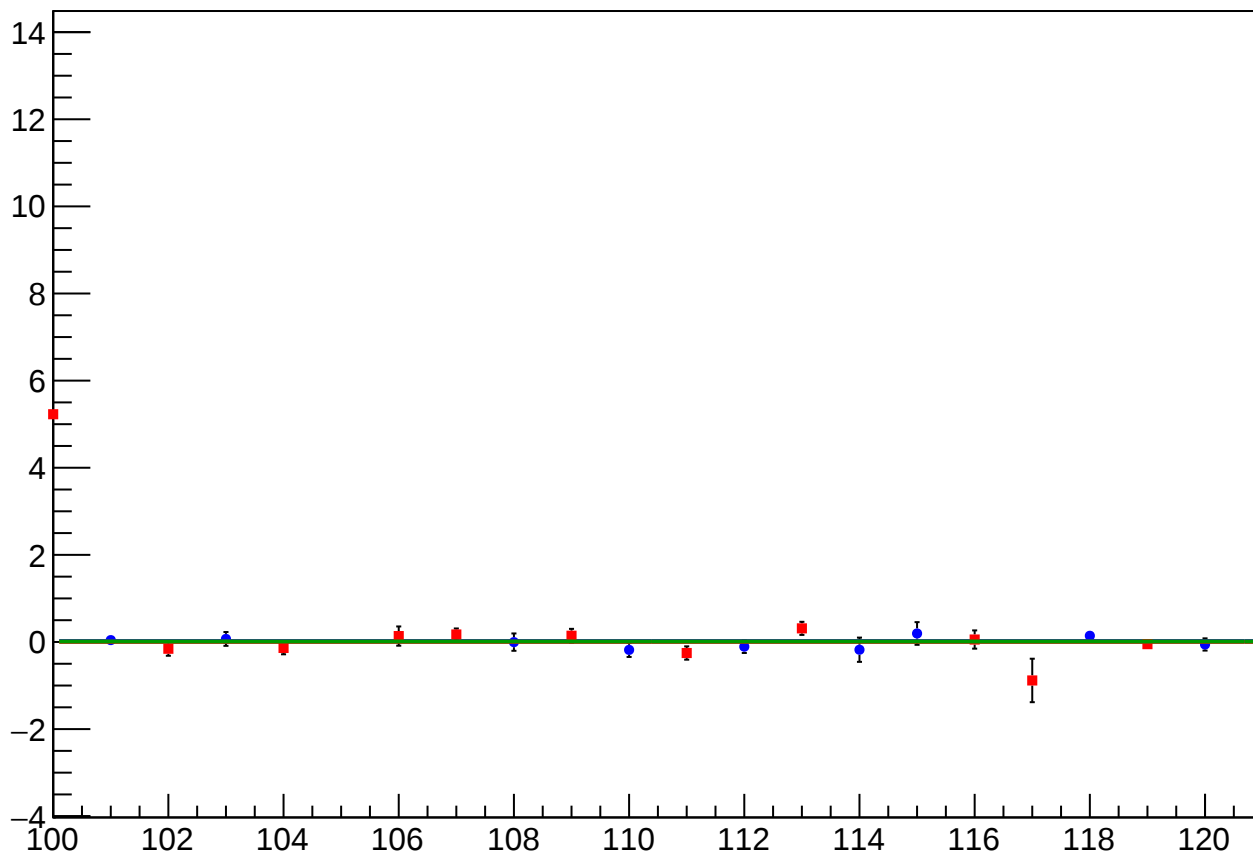
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.112 ± 0.071 χ^2/NDF : 3.6/8

-0.059 ± 0.050 χ^2/NDF : 34.8/20

-0.219 ± 0.069 χ^2/NDF : 20.0/11

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020+/-0.045 χ^2/NDF : 5.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.046 χ^2/NDF : 15.4/11

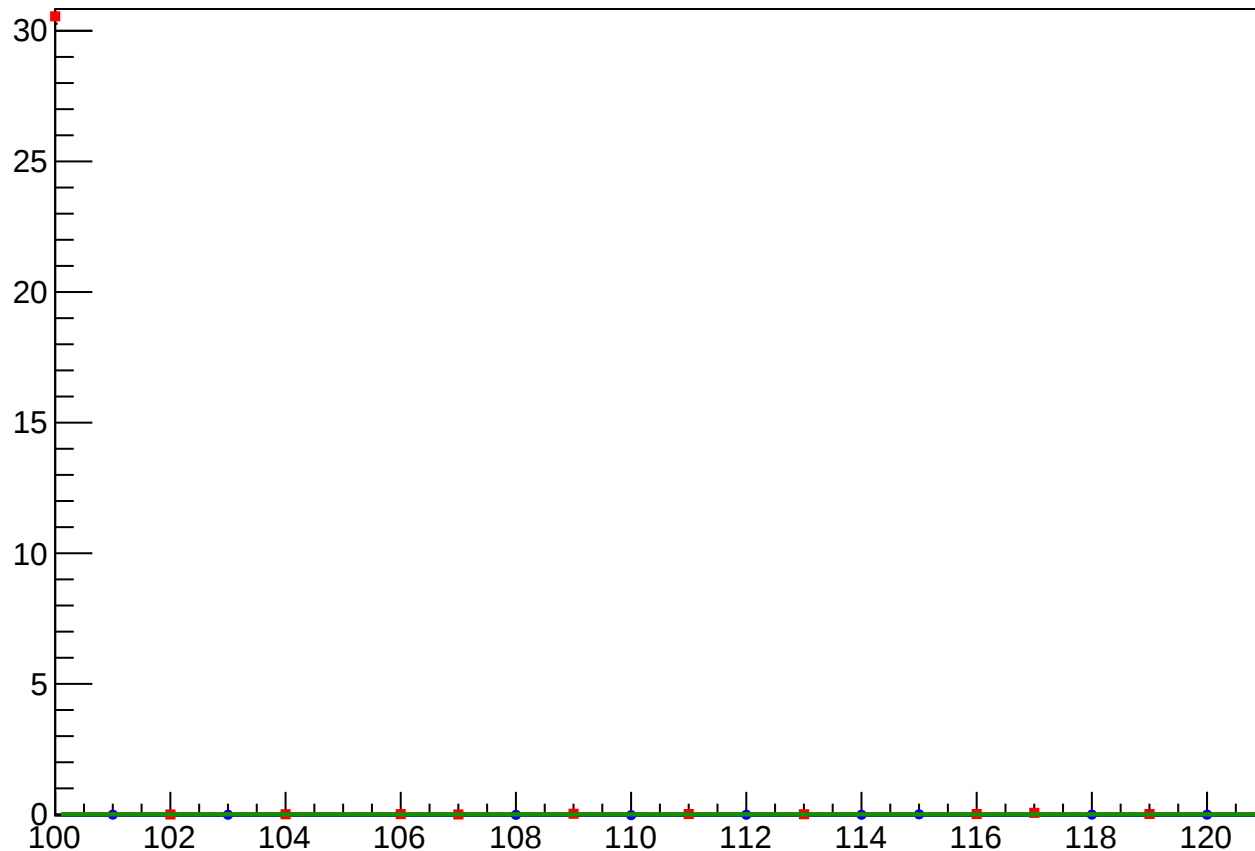
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.020+/-0.045 χ^2/NDF : 5.3/8

0.012+/-0.032 χ^2/NDF : 20.8/20

0.004+/-0.046 χ^2/NDF : 15.4/11

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.009 $\pm$ 0.002 χ^2 /NDF: 4.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.012 $\pm$ 0.002 χ^2 /NDF: 11885.8/11

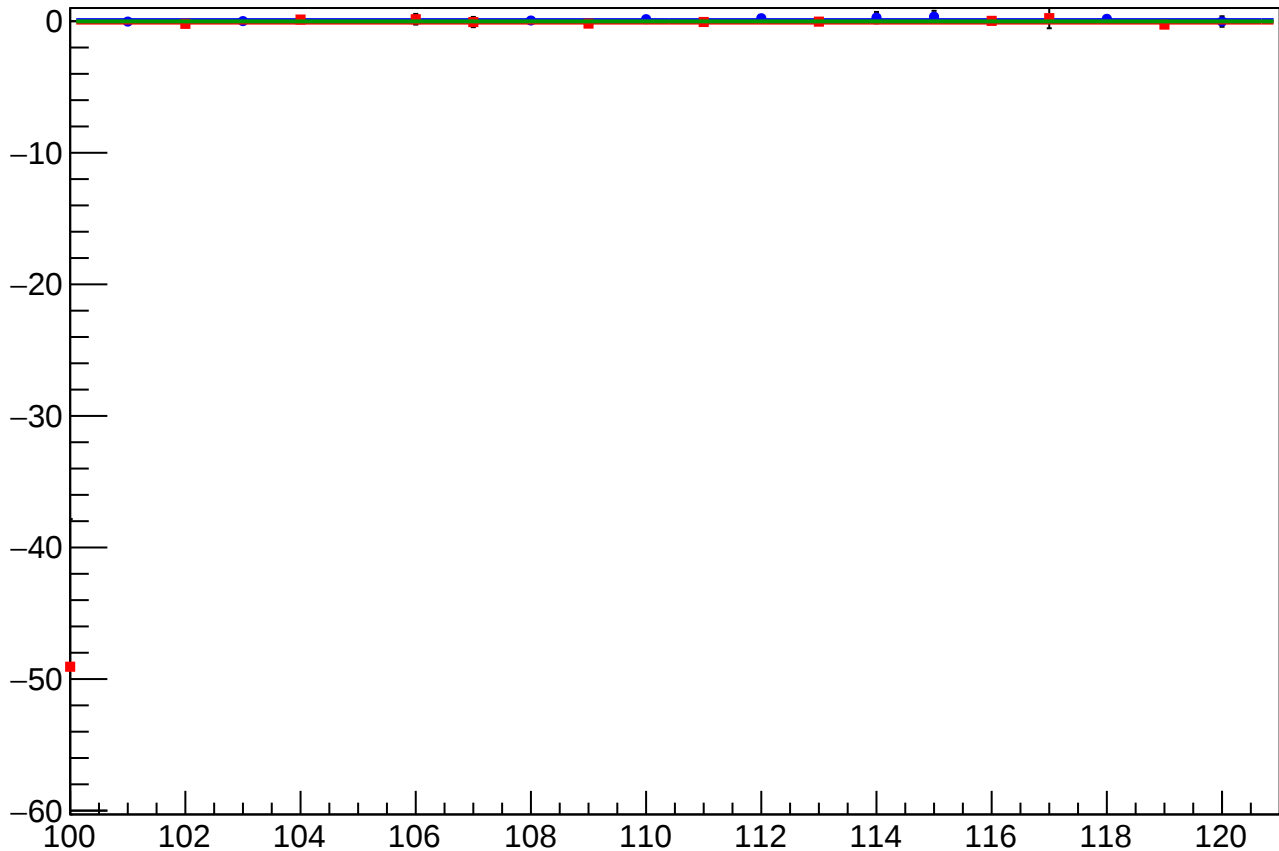
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-0.009 $\pm$ 0.002 χ^2 /NDF: 4.5/8

0.002 $\pm$ 0.002 χ^2 /NDF: 11933.8/20

0.012 $\pm$ 0.002 χ^2 /NDF: 11885.8/11

reg_asym_dsr_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 0.083+/-0.082 χ^2/NDF : 2.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.105+/-0.080 χ^2/NDF : 22.4/11

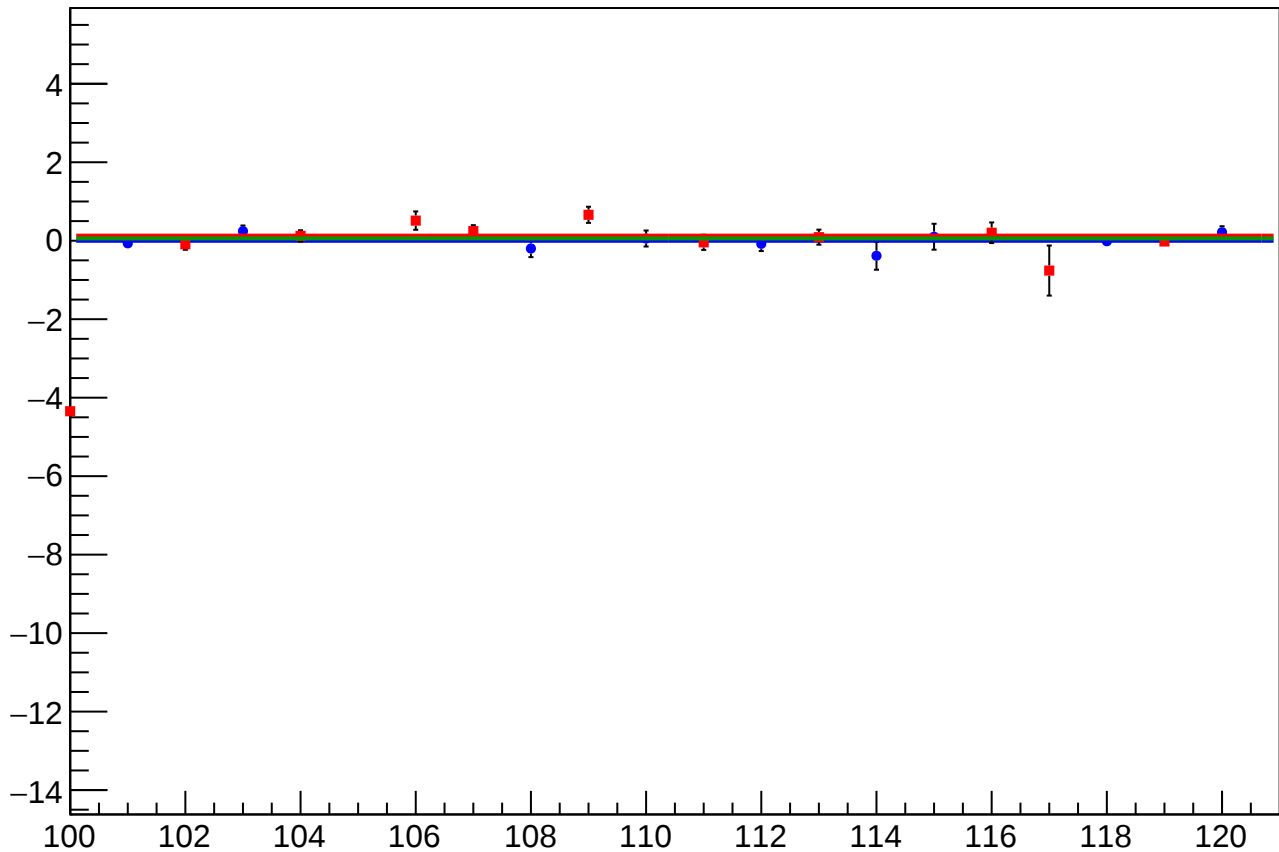
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.083+/-0.082 χ^2/NDF : 2.0/8

-0.013+/-0.057 χ^2/NDF : 27.1/20

-0.105+/-0.080 χ^2/NDF : 22.4/11

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.046 χ^2 /NDF: 8.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.130 $\pm$ 0.052 χ^2 /NDF: 18.8/11

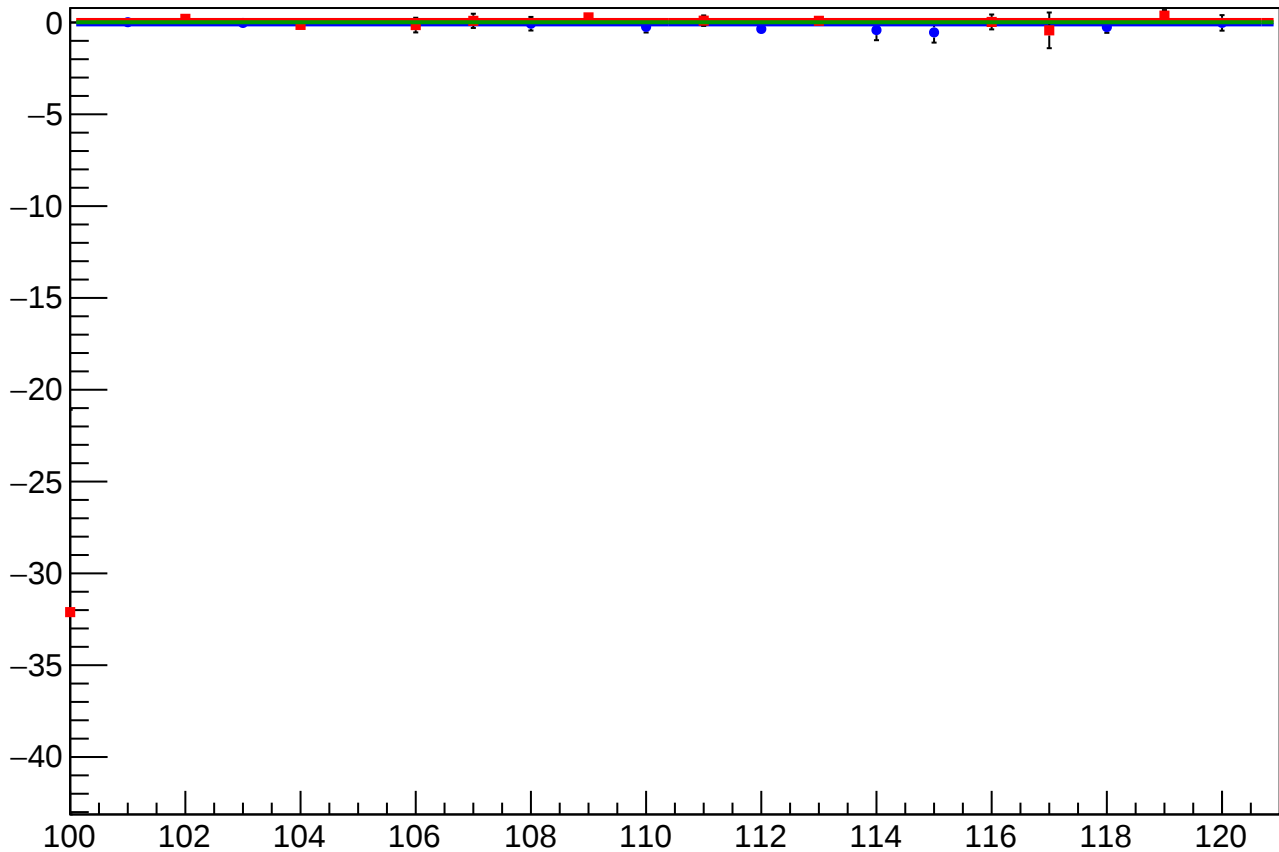
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.001 $\pm$ 0.046 χ^2 /NDF: 8.1/8

0.057 $\pm$ 0.035 χ^2 /NDF: 30.4/20

0.130 $\pm$ 0.052 χ^2 /NDF: 18.8/11

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.104+/-0.086 χ^2/NDF : 3.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.137+/-0.090 χ^2/NDF : 12.8/11

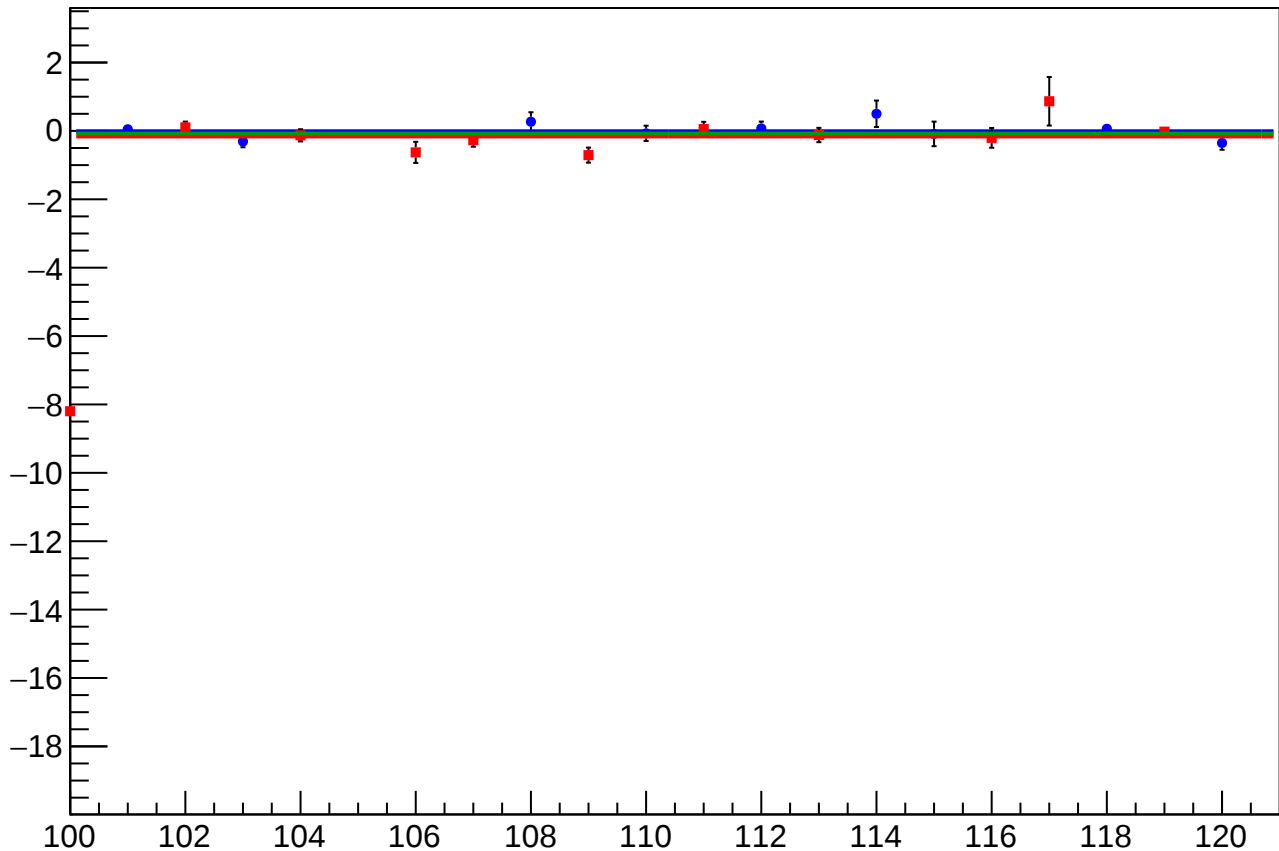
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.104+/-0.086 χ^2/NDF : 3.2/8

0.013+/-0.062 χ^2/NDF : 19.7/20

0.137+/-0.090 χ^2/NDF : 12.8/11

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.056 χ^2/NDF : 9.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.161 ± 0.062 χ^2/NDF : 17.0/11

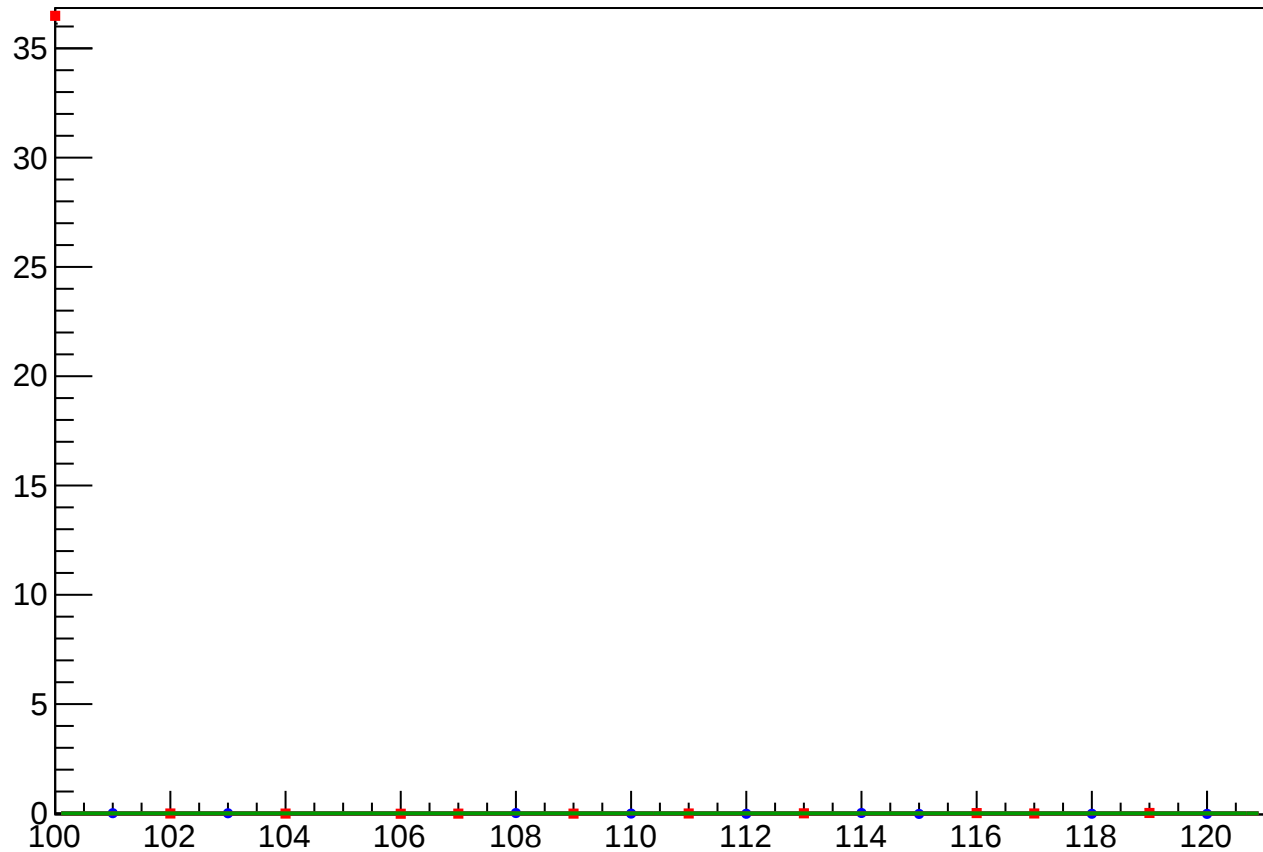
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.011 ± 0.056 χ^2/NDF : 9.7/8

-0.079 ± 0.042 χ^2/NDF : 30.0/20

-0.161 ± 0.062 χ^2/NDF : 17.0/11

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.003 χ^2 /NDF: 13.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.003 $\pm$ 0.003 χ^2 /NDF: 10437.6/11

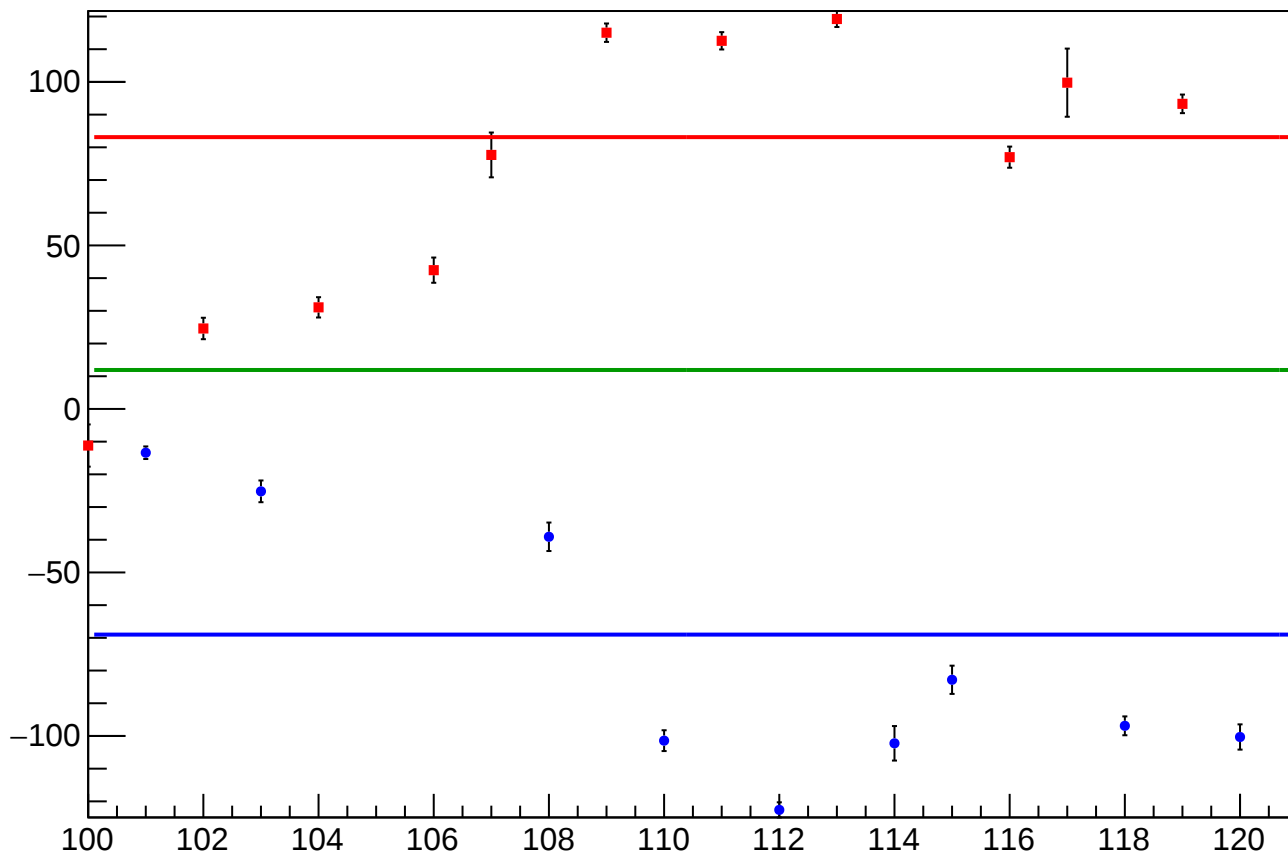
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.003 $\pm$ 0.003 χ^2 /NDF: 13.4/8

-0.000 $\pm$ 0.002 χ^2 /NDF: 10453.8/20

-0.003 $\pm$ 0.003 χ^2 /NDF: 10437.6/11

reg_asym_us_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -69.005+/-1.012 χ^2/NDF : 1906.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.116+/-0.950 χ^2/NDF : 1420.2/11

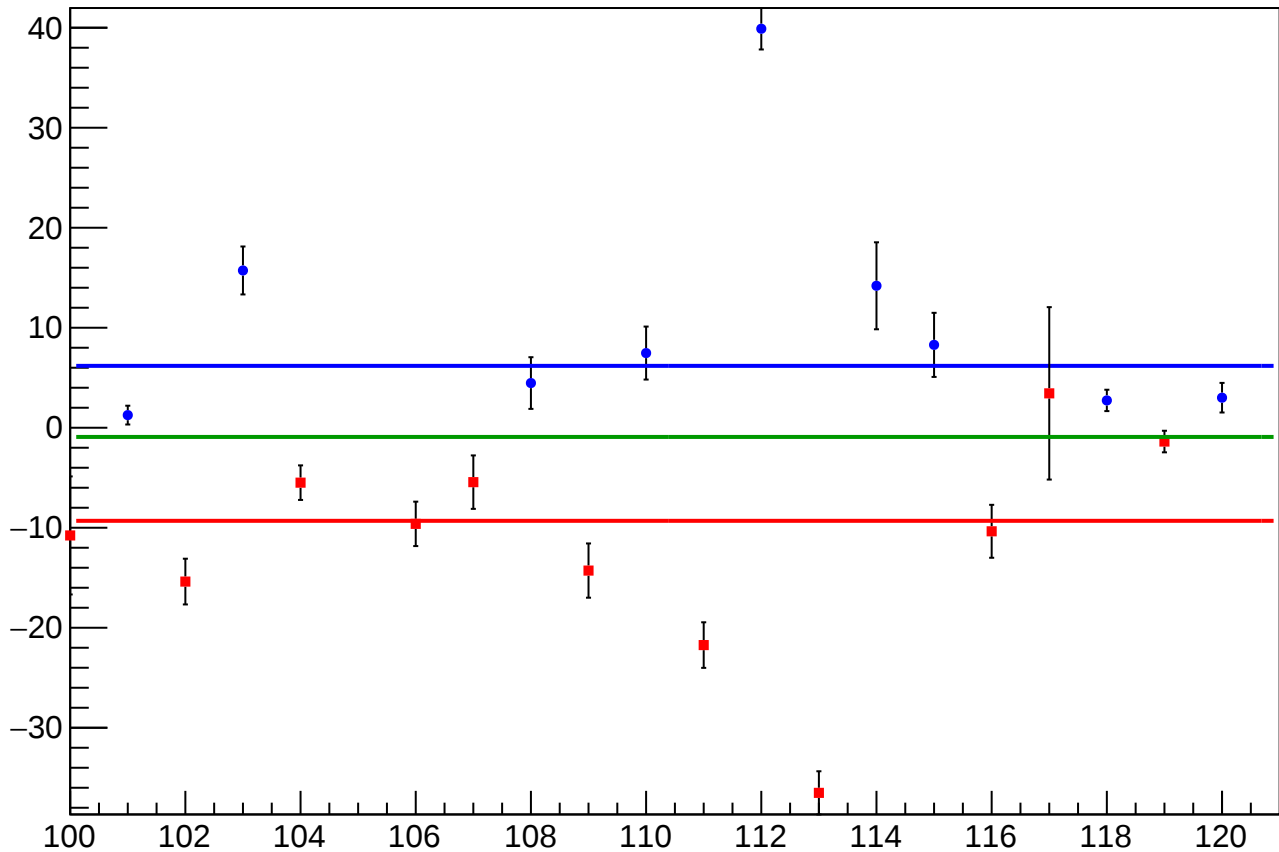
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-69.005+/-1.012 χ^2/NDF : 1906.6/8

11.911+/-0.693 χ^2/NDF : 15340.5/20

83.116+/-0.950 χ^2/NDF : 1420.2/11

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.188+/-0.549 χ^2/NDF : 327.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.307+/-0.597 χ^2/NDF : 268.8/11

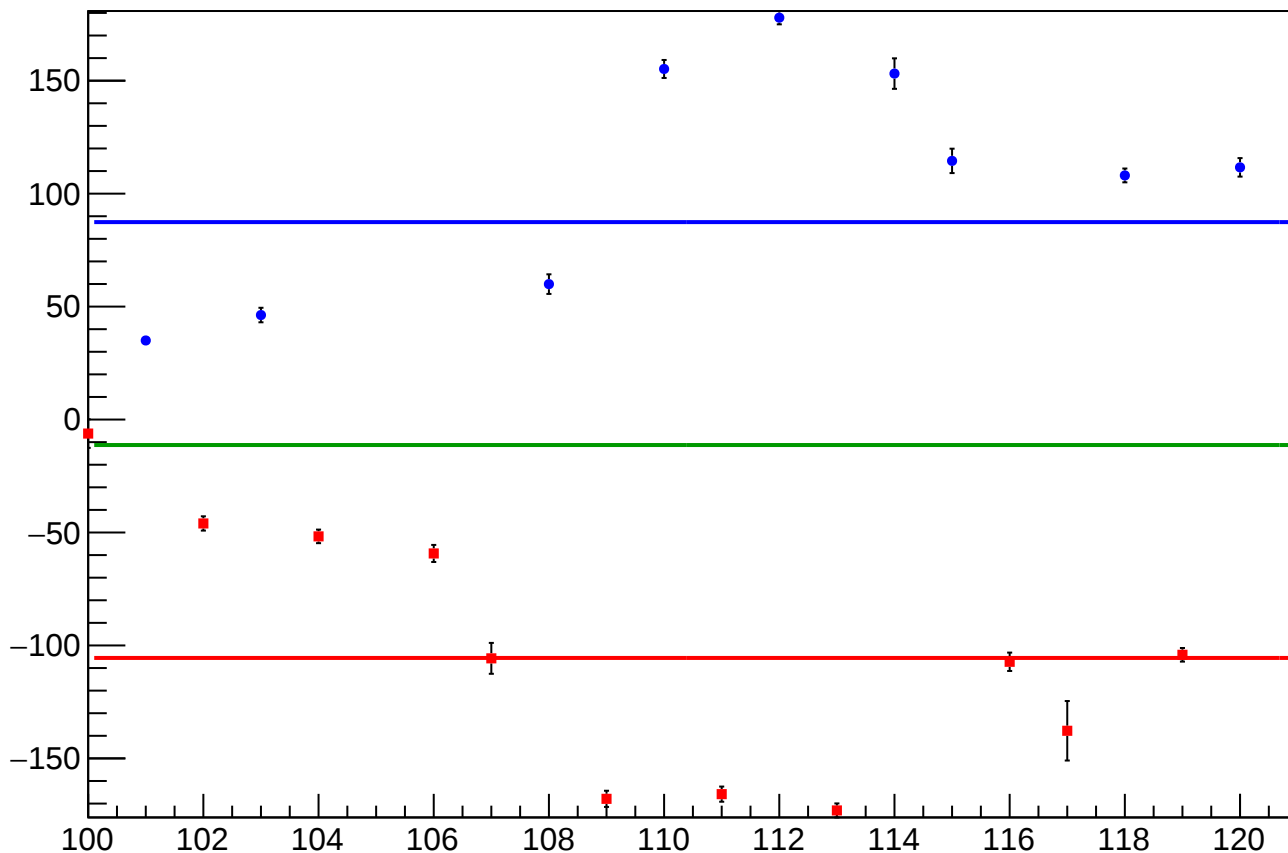
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.188+/-0.549 χ^2/NDF : 327.3/8

-0.919+/-0.404 χ^2/NDF : 961.0/20

-9.307+/-0.597 χ^2/NDF : 268.8/11

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 87.403+/-1.090 χ^2/NDF : 2436.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -105.531+/-1.065 χ^2/NDF : 2175.4/11

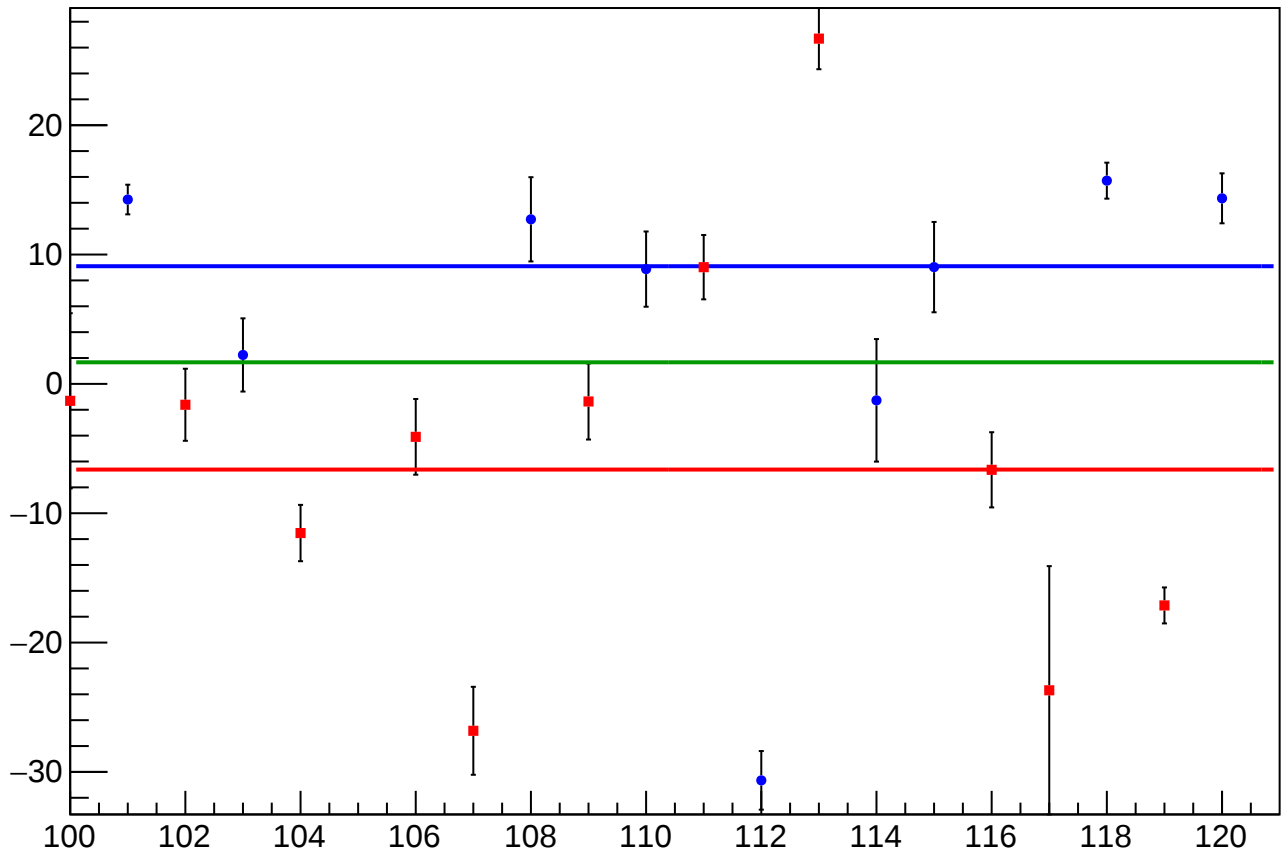
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

87.403+/-1.090 χ^2/NDF : 2436.2/8

-11.279+/-0.762 χ^2/NDF : 20643.9/20

-105.531+/-1.065 χ^2/NDF : 2175.4/11

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.098 $\pm$ 0.674 χ^2 /NDF: 369.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -6.624 $\pm$ 0.712 χ^2 /NDF: 356.2/11

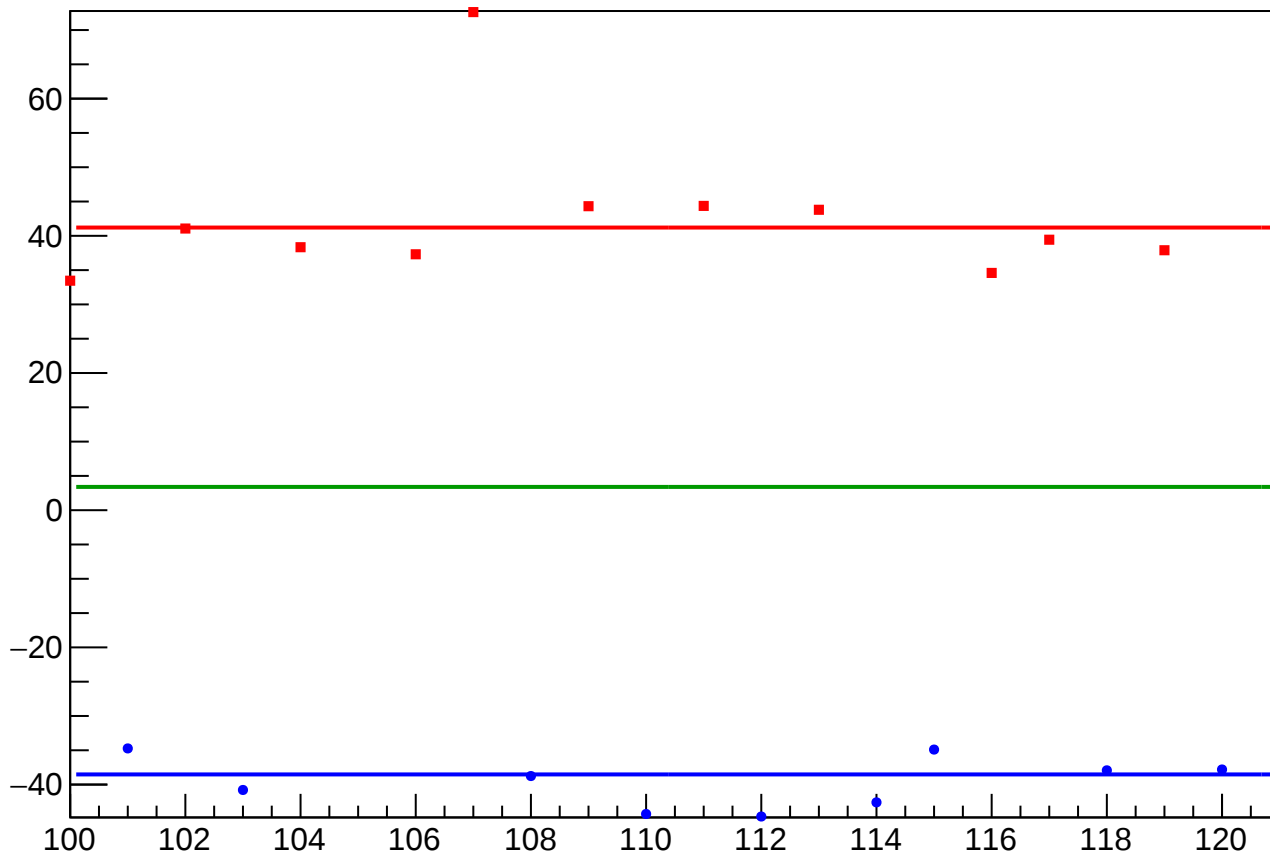
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

9.098 $\pm$ 0.674 χ^2 /NDF: 369.8/8

1.668 $\pm$ 0.489 χ^2 /NDF: 983.4/20

-6.624 $\pm$ 0.712 χ^2 /NDF: 356.2/11

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.521+/-0.037 χ^2/NDF : 7568.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.206+/-0.035 χ^2/NDF : 48081.2/11

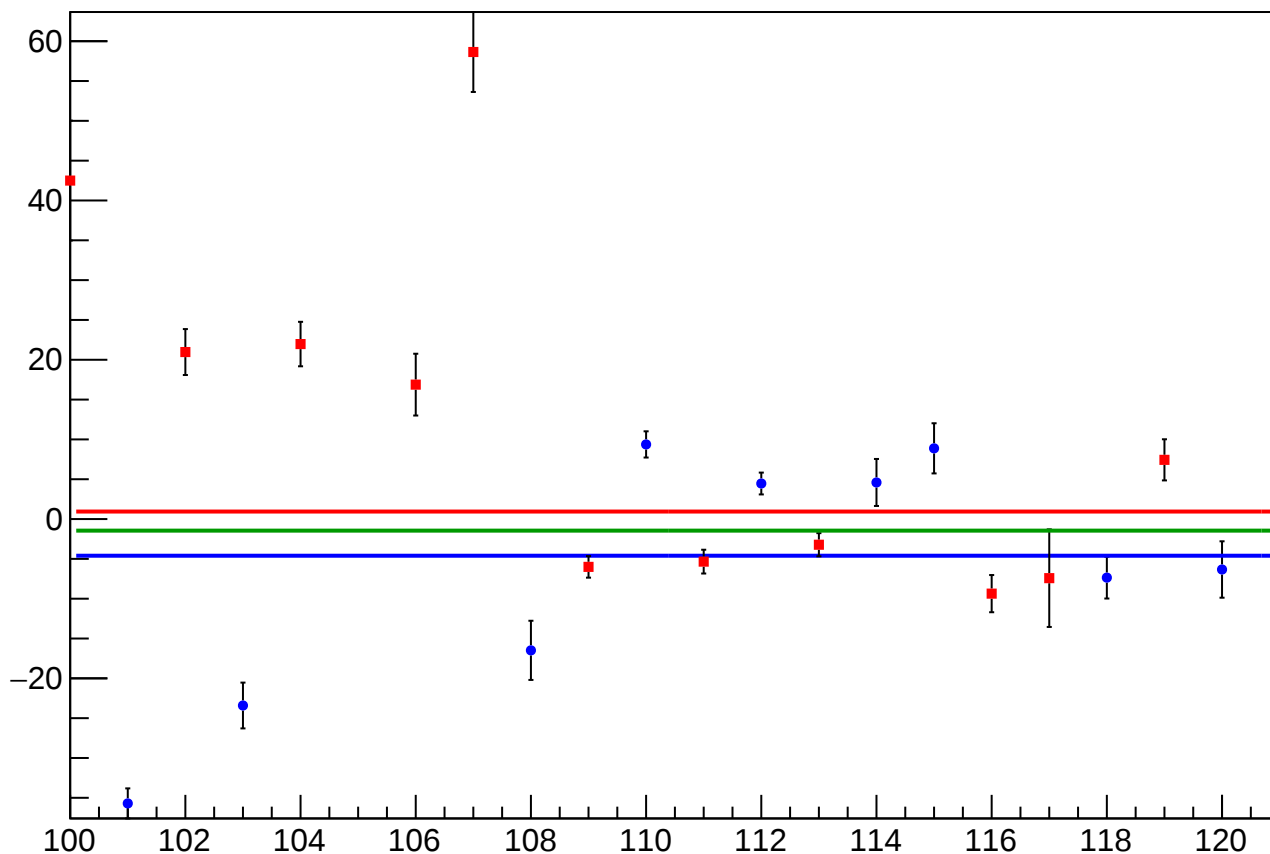
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-38.521+/-0.037 χ^2/NDF : 7568.6/8

3.395+/-0.026 χ^2/NDF : 2475898.9/20

41.206+/-0.035 χ^2/NDF : 48081.2/11

reg_asym_us_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -4.604+/-0.742 χ^2 /NDF: 469.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.943+/-0.647 χ^2 /NDF: 365.8/11

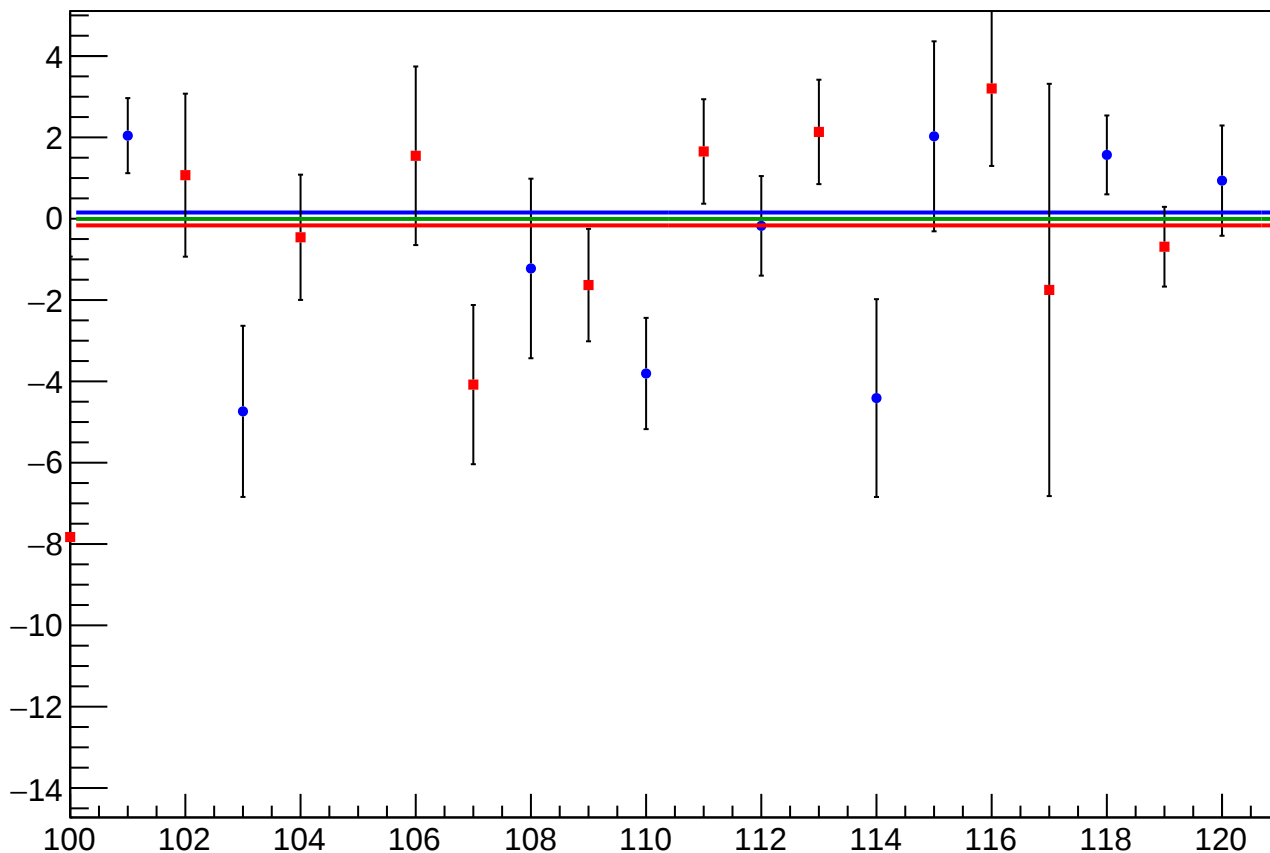
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-4.604+/-0.742 χ^2 /NDF: 469.4/8

-1.453+/-0.488 χ^2 /NDF: 867.0/20

0.943+/-0.647 χ^2 /NDF: 365.8/11

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.153+/-0.458 χ^2/NDF : 25.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.164+/-0.460 χ^2/NDF : 20.3/11

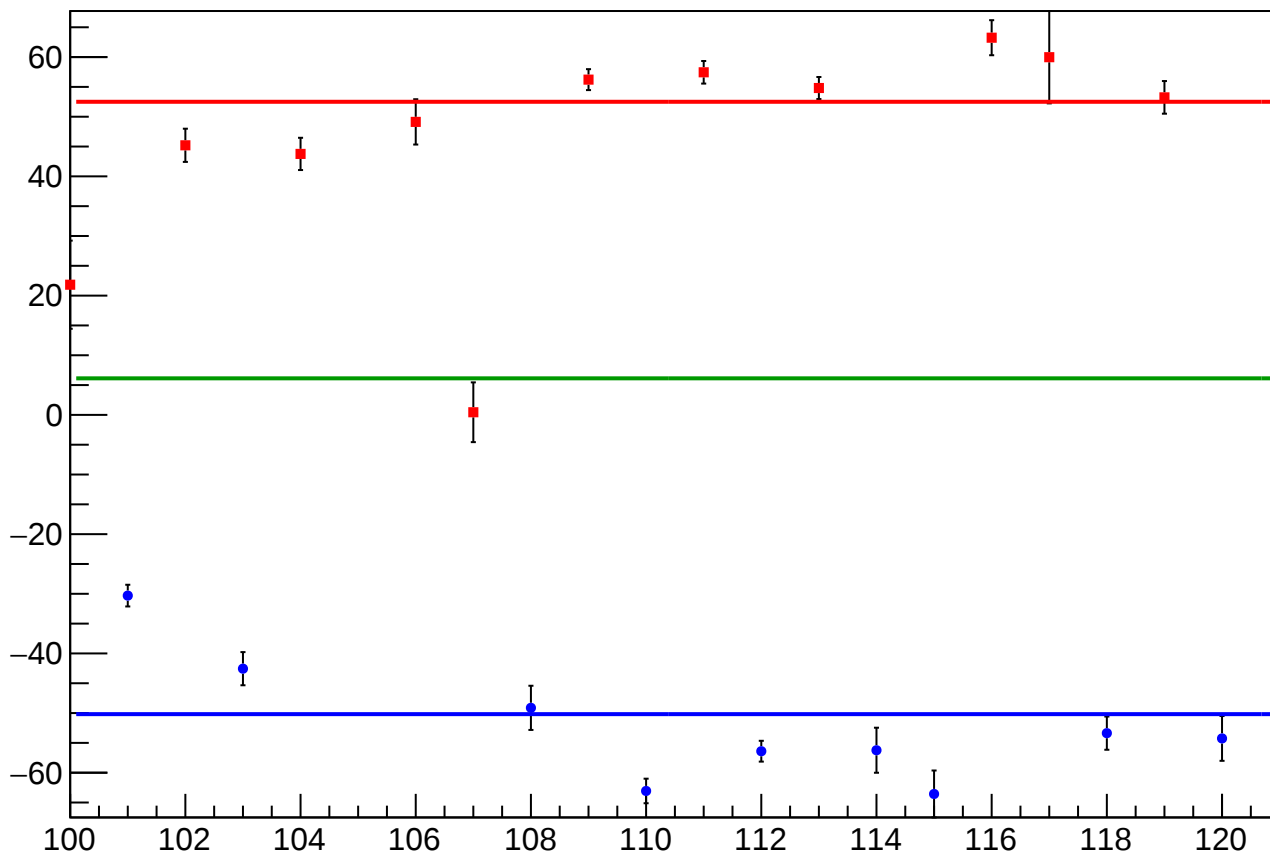
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.153+/-0.458 χ^2/NDF : 25.1/8

-0.005+/-0.325 χ^2/NDF : 45.6/20

-0.164+/-0.460 χ^2/NDF : 20.3/11

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.181 ± 0.844 χ^2/NDF : 195.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 52.506 ± 0.766 χ^2/NDF : 171.1/11

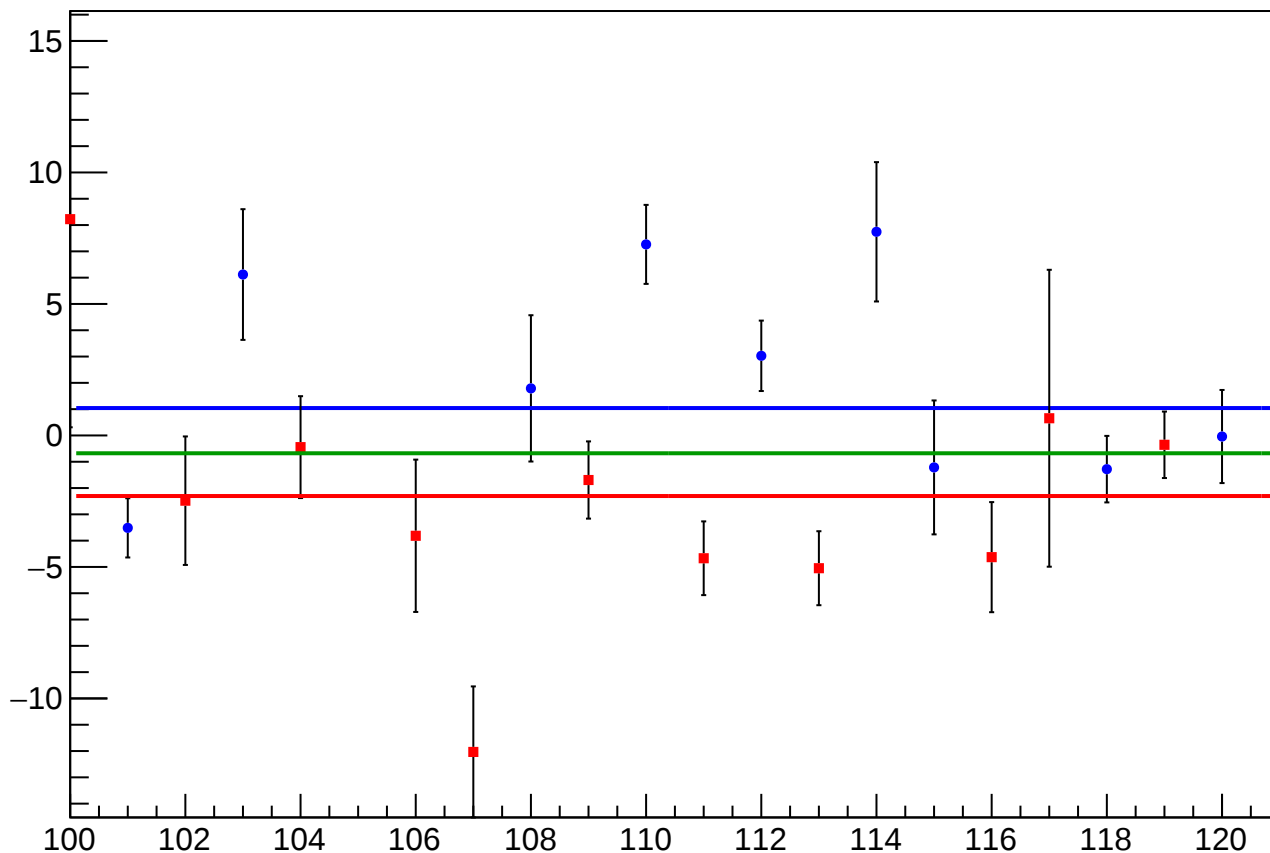
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-50.181 ± 0.844 χ^2/NDF : 195.4/8

6.130 ± 0.567 χ^2/NDF : 8478.3/20

52.506 ± 0.766 χ^2/NDF : 171.1/11

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.042 $\pm$ 0.549 χ^2 /NDF: 50.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.303 $\pm$ 0.534 χ^2 /NDF: 45.6/11

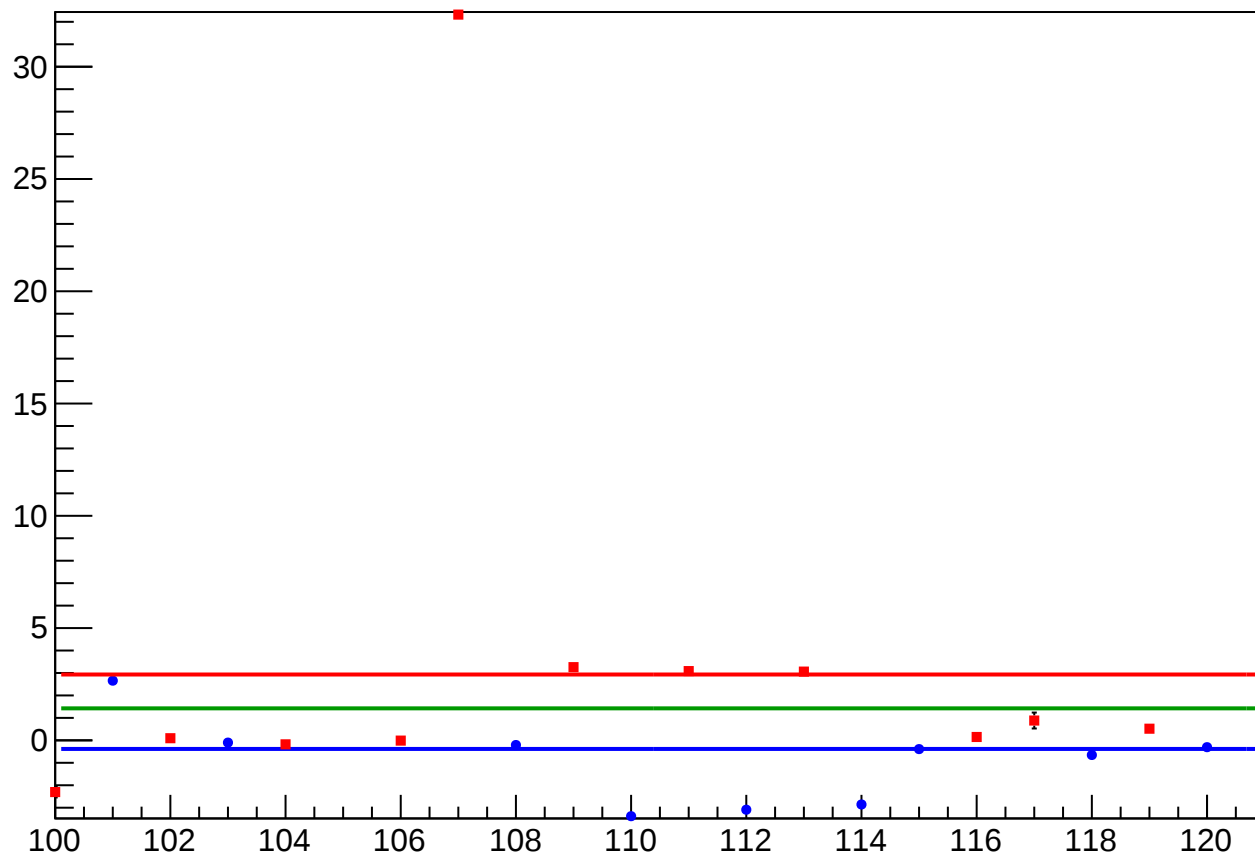
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.042 $\pm$ 0.549 χ^2 /NDF: 50.9/8

-0.677 $\pm$ 0.382 χ^2 /NDF: 115.6/20

-2.303 $\pm$ 0.534 χ^2 /NDF: 45.6/11

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.383 ± 0.031 χ^2/NDF : 4398.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.932 ± 0.028 χ^2/NDF : 72318.2/11

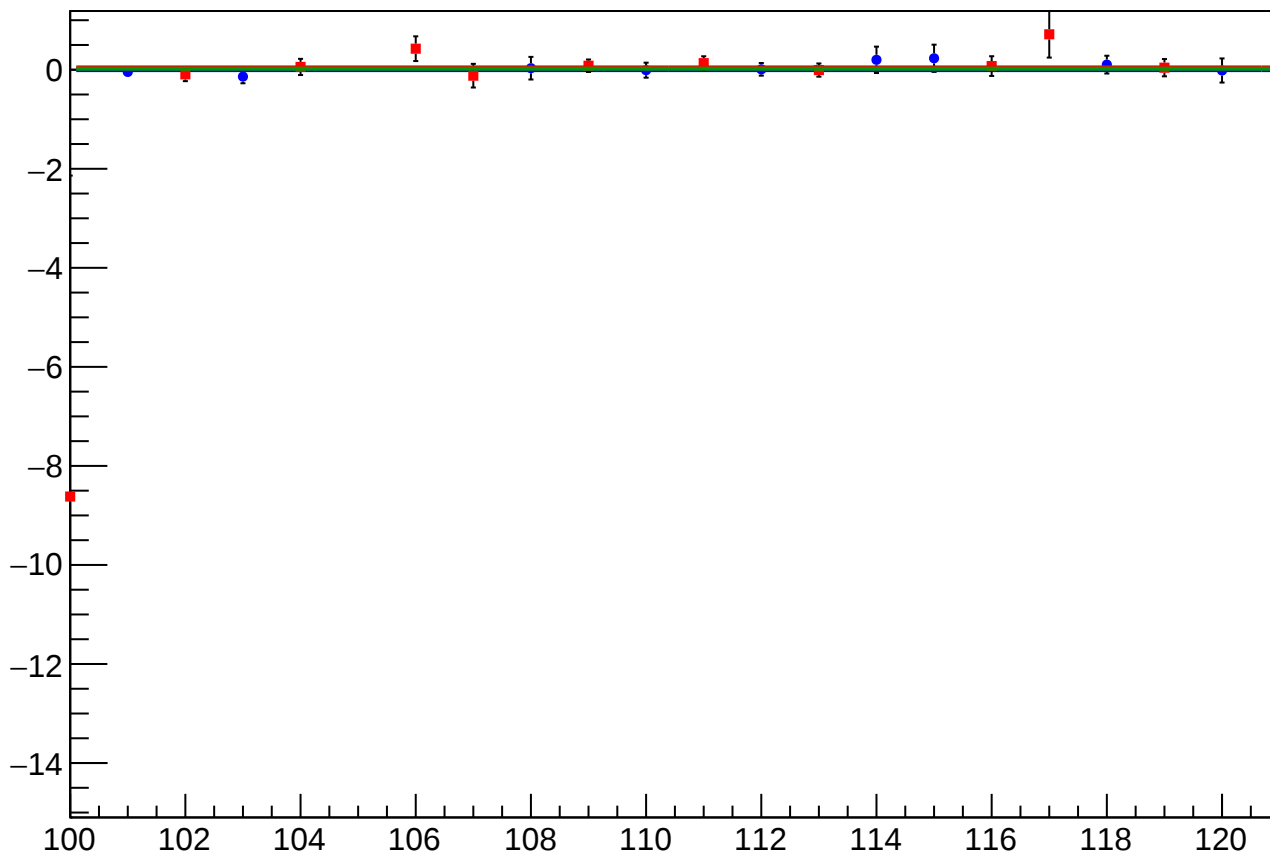
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.383 ± 0.031 χ^2/NDF : 4398.6/8

1.425 ± 0.021 χ^2/NDF : 83105.2/20

2.932 ± 0.028 χ^2/NDF : 72318.2/11

reg_asym_ds_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.007+/-0.053 χ^2/NDF : 2.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.047+/-0.051 χ^2/NDF : 8.6/11

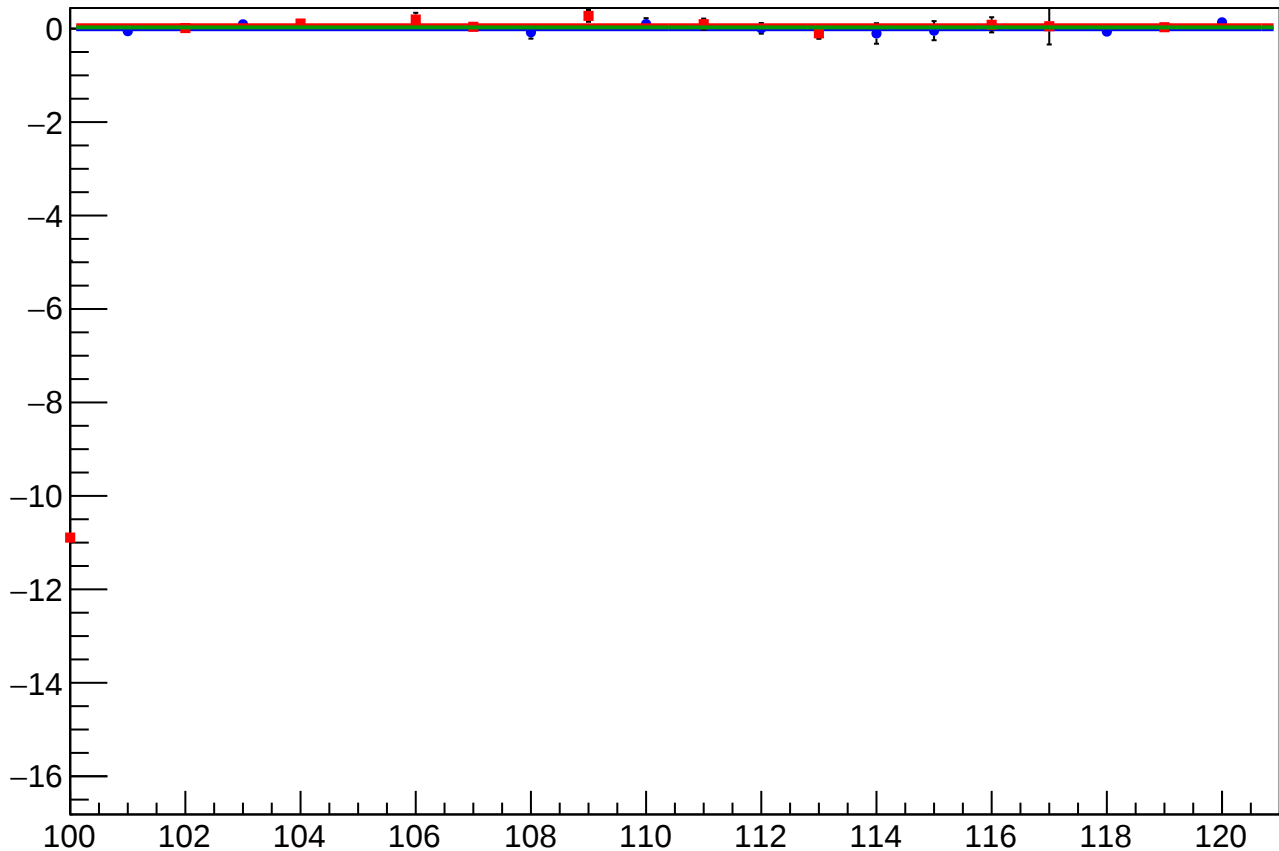
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.007+/-0.053 χ^2/NDF : 2.9/8

0.021+/-0.037 χ^2/NDF : 12.0/20

0.047+/-0.051 χ^2/NDF : 8.6/11

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.030 χ^2 /NDF: 6.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.072 $\pm$ 0.033 χ^2 /NDF: 10.6/11

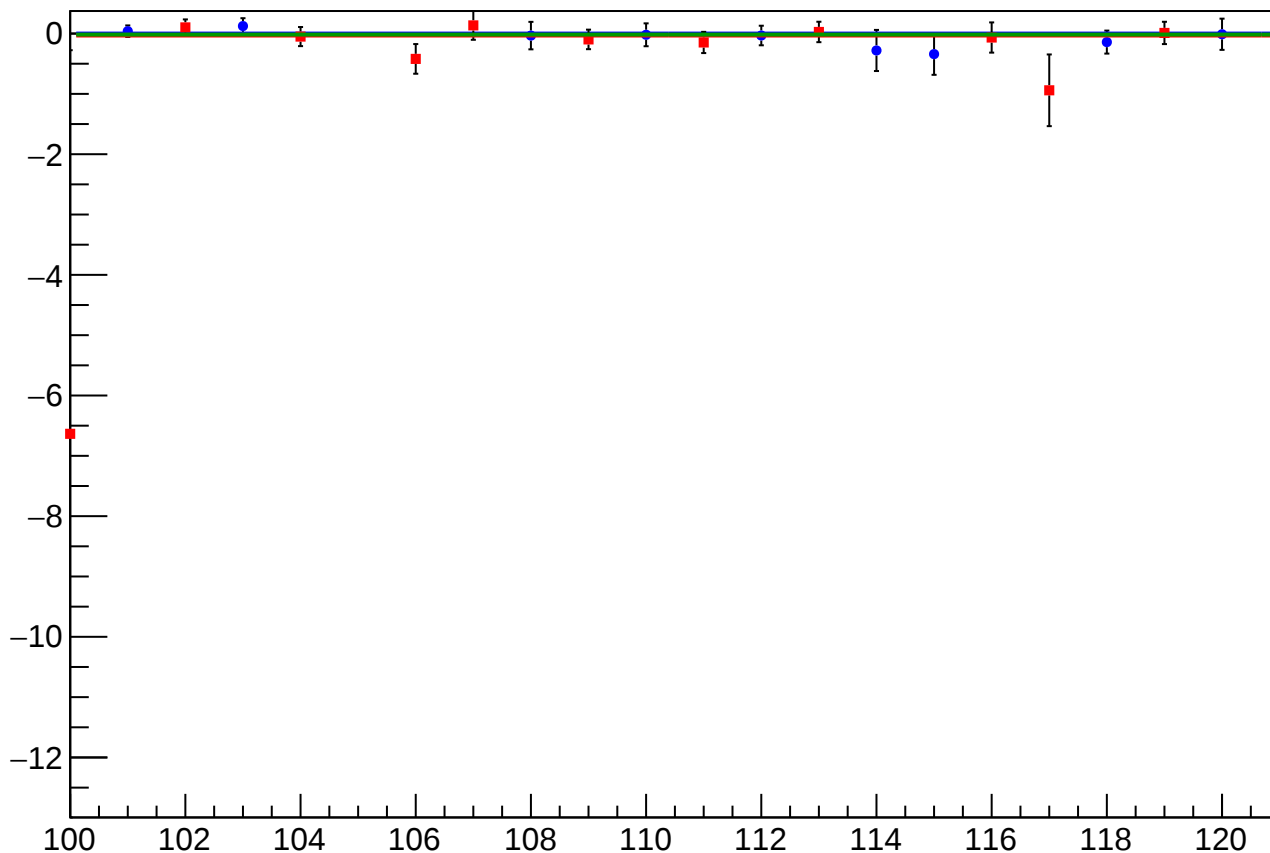
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.012 $\pm$ 0.030 χ^2 /NDF: 6.2/8

0.026 $\pm$ 0.022 χ^2 /NDF: 20.4/20

0.072 $\pm$ 0.033 χ^2 /NDF: 10.6/11

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.001+/-0.057 χ^2 /NDF: 3.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.032+/-0.057 χ^2 /NDF: 8.5/11

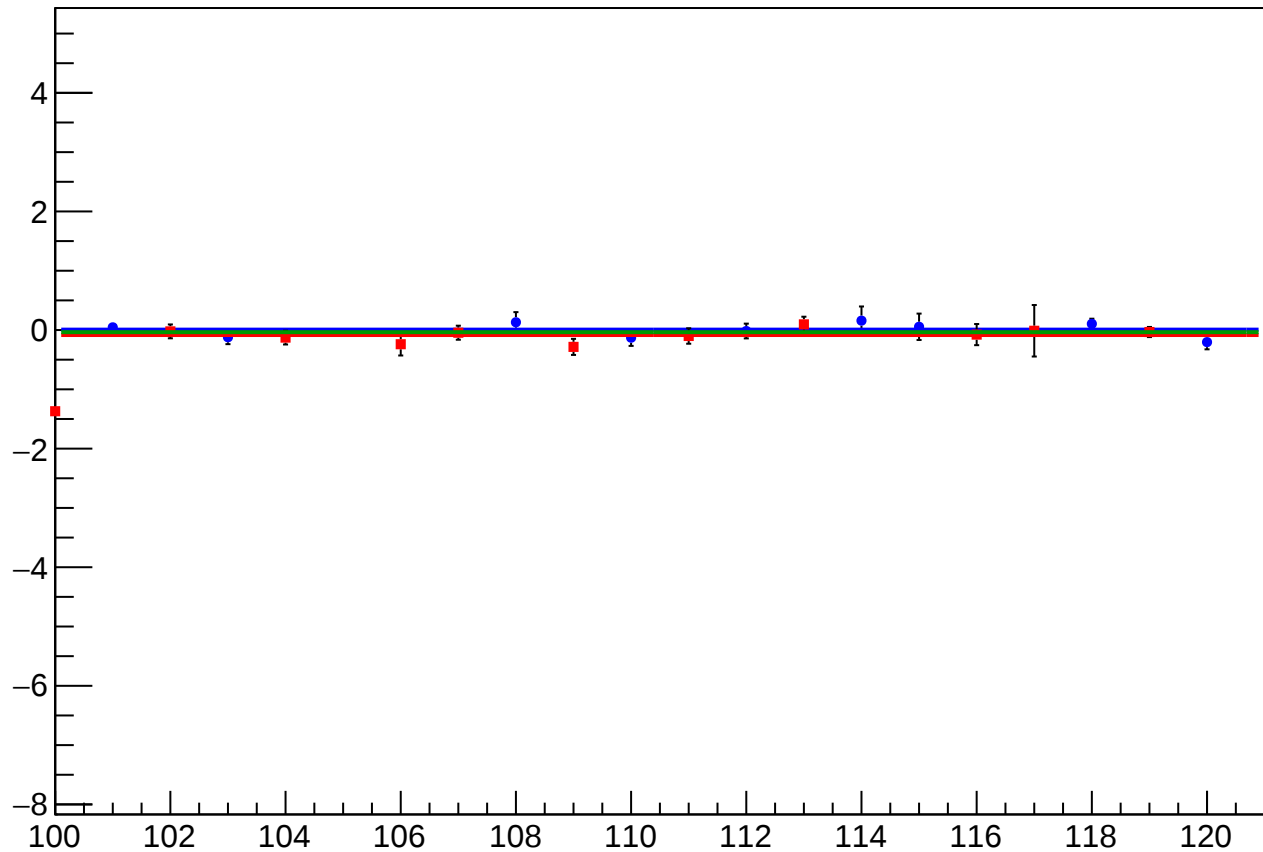
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.001+/-0.057 χ^2 /NDF: 3.4/8

-0.016+/-0.040 χ^2 /NDF: 12.0/20

-0.032+/-0.057 χ^2 /NDF: 8.5/11

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.007+/-0.037 χ^2/NDF : 7.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.084+/-0.039 χ^2/NDF : 6.3/11

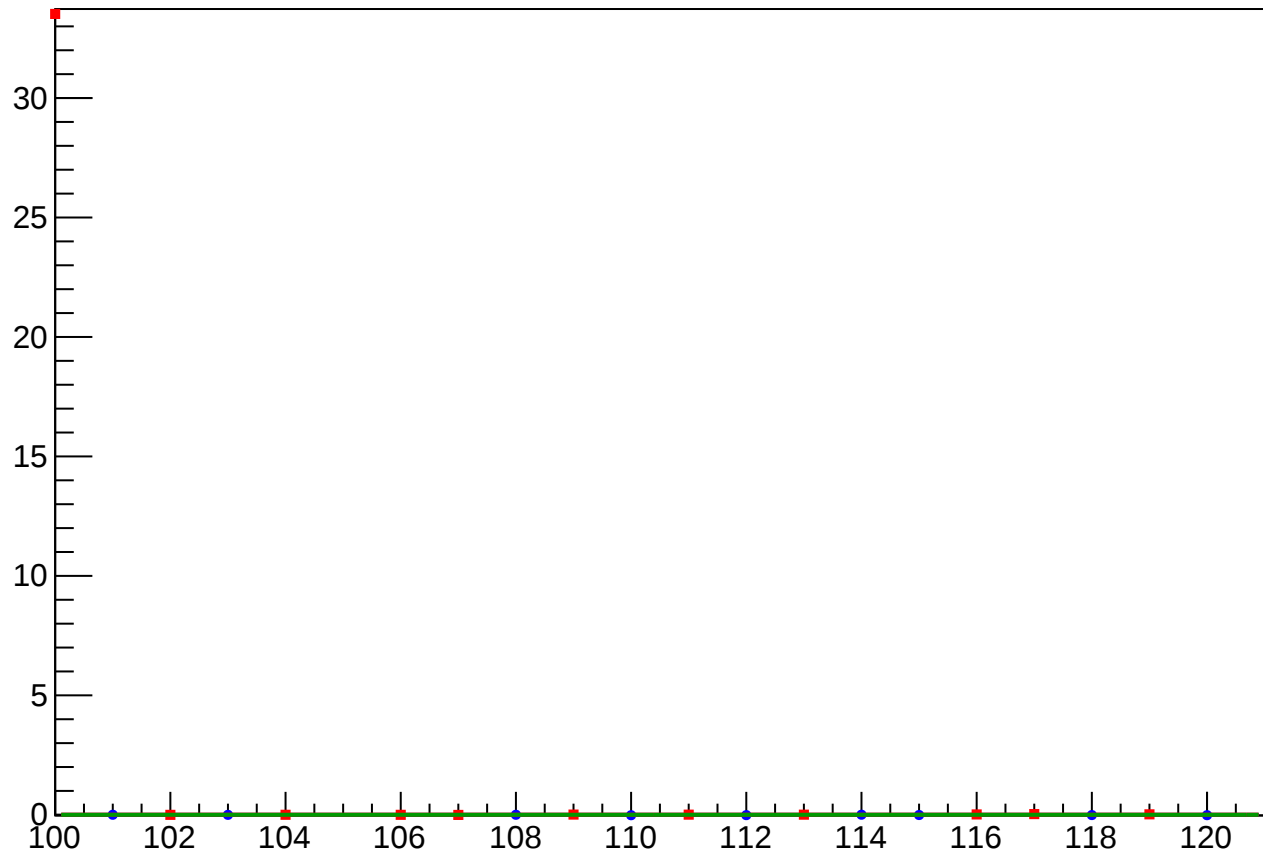
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.037 χ^2/NDF : 7.9/8

-0.036+/-0.027 χ^2/NDF : 17.1/20

-0.084+/-0.039 χ^2/NDF : 6.3/11

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.003 ± 0.002 $\chi^2/\text{NDF}: 10.0/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.005 ± 0.002 $\chi^2/\text{NDF}: 26502.0/11$

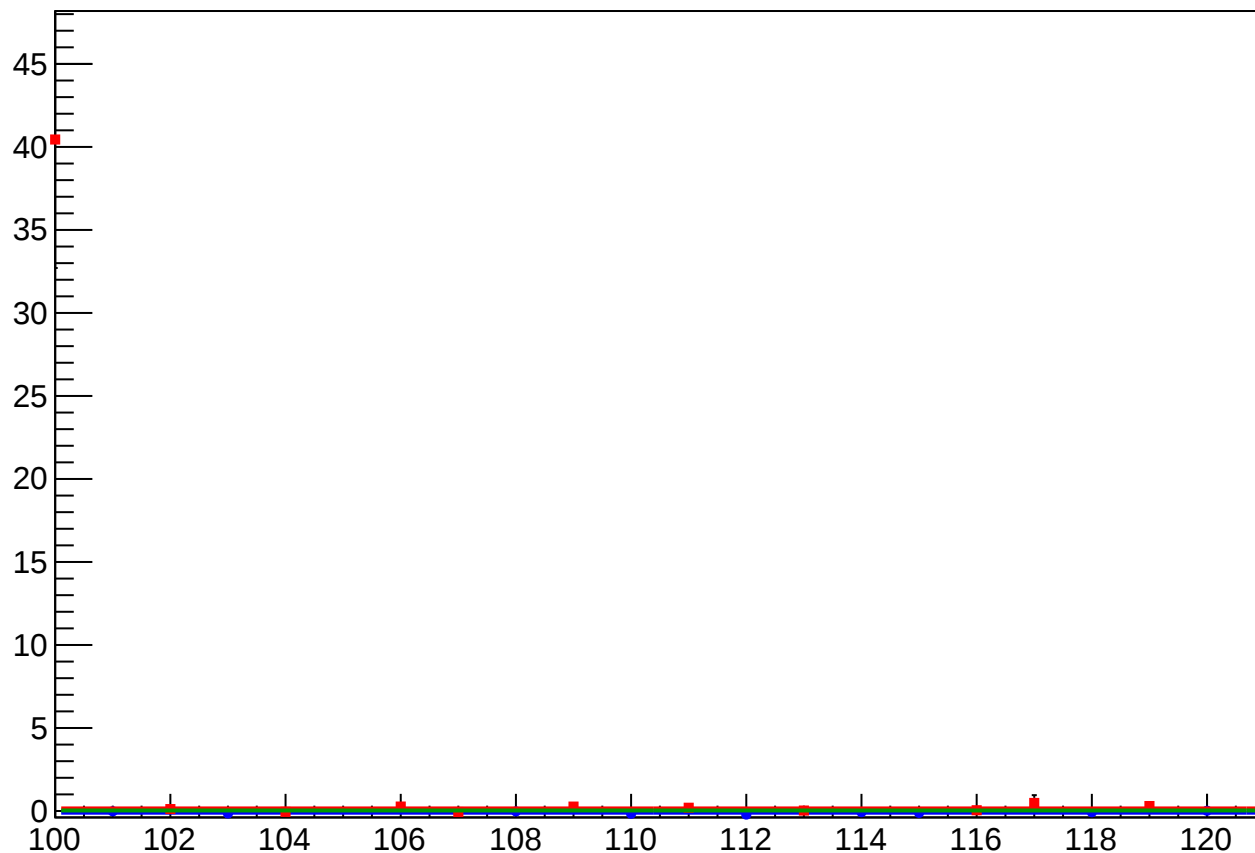
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.003 ± 0.002 $\chi^2/\text{NDF}: 10.0/8$

0.001 ± 0.001 $\chi^2/\text{NDF}: 26521.1/20$

0.005 ± 0.002 $\chi^2/\text{NDF}: 26502.0/11$

reg_asym_ds_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.101 $\pm$ 0.053 χ^2 /NDF: 2.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.154 $\pm$ 0.051 χ^2 /NDF: 34.1/11

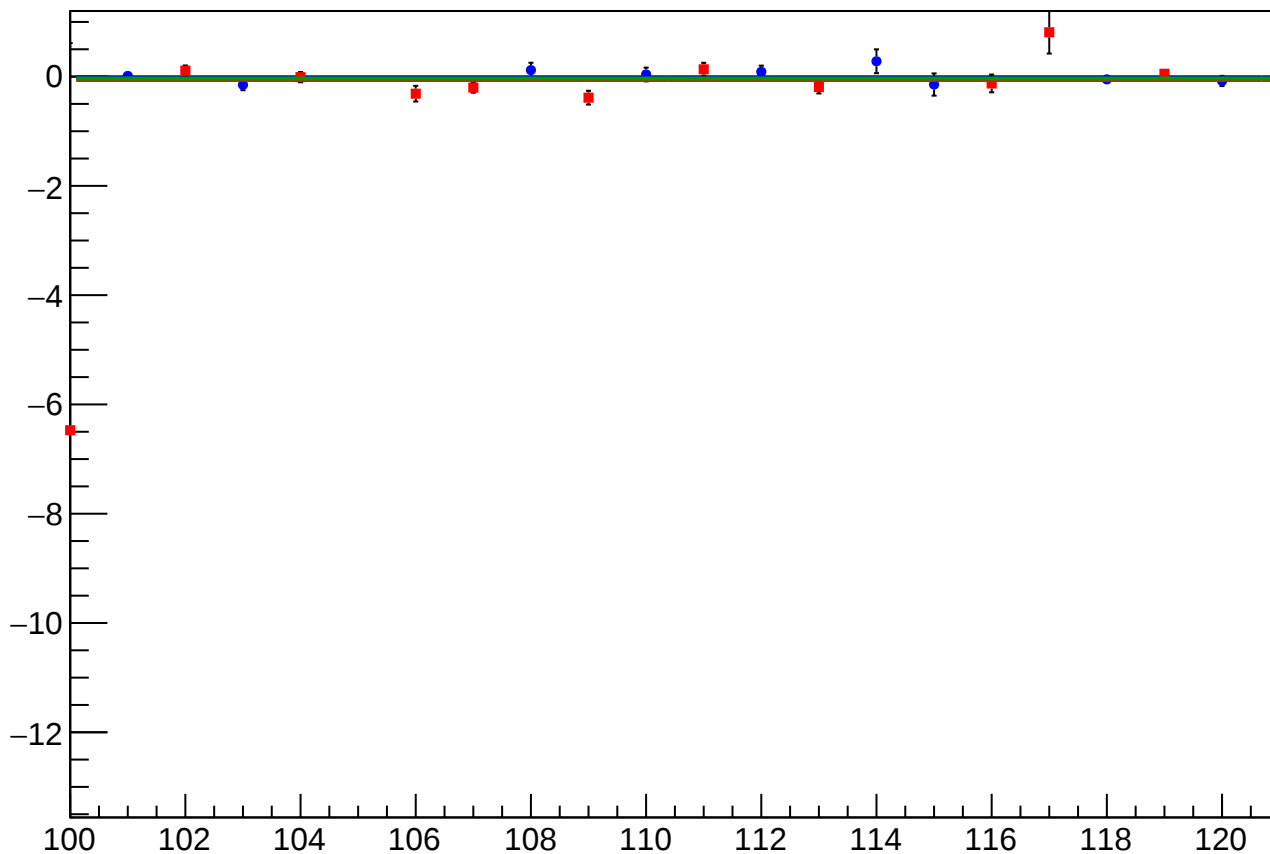
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.101 $\pm$ 0.053 χ^2 /NDF: 2.2/8

0.032 $\pm$ 0.037 χ^2 /NDF: 48.4/20

0.154 $\pm$ 0.051 χ^2 /NDF: 34.1/11

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.030 χ^2 /NDF: 7.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.062 $\pm$ 0.033 χ^2 /NDF: 29.1/11

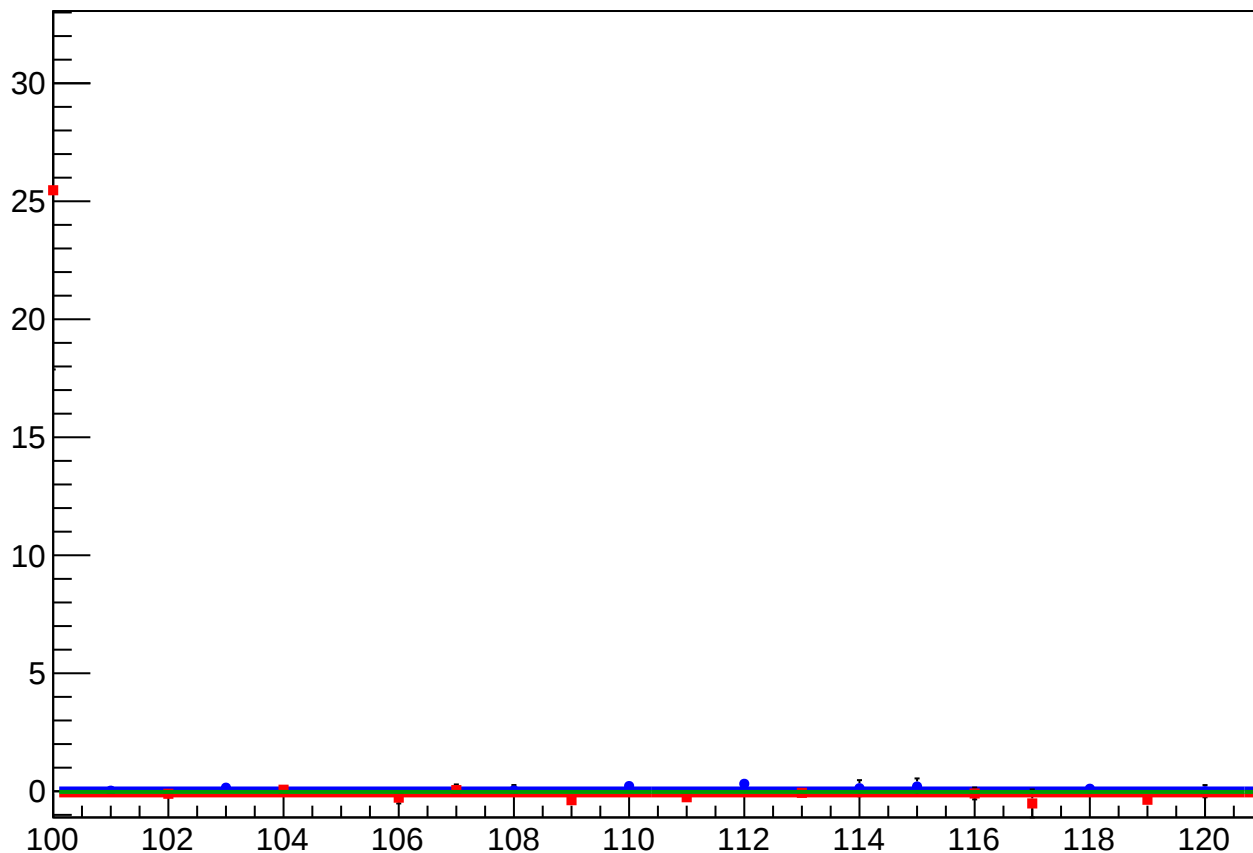
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.012 $\pm$ 0.030 χ^2 /NDF: 7.2/8

-0.035 $\pm$ 0.022 χ^2 /NDF: 37.5/20

-0.062 $\pm$ 0.033 χ^2 /NDF: 29.1/11

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.118 $\pm$ 0.056 χ^2 /NDF: 3.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.175 $\pm$ 0.057 χ^2 /NDF: 19.7/11

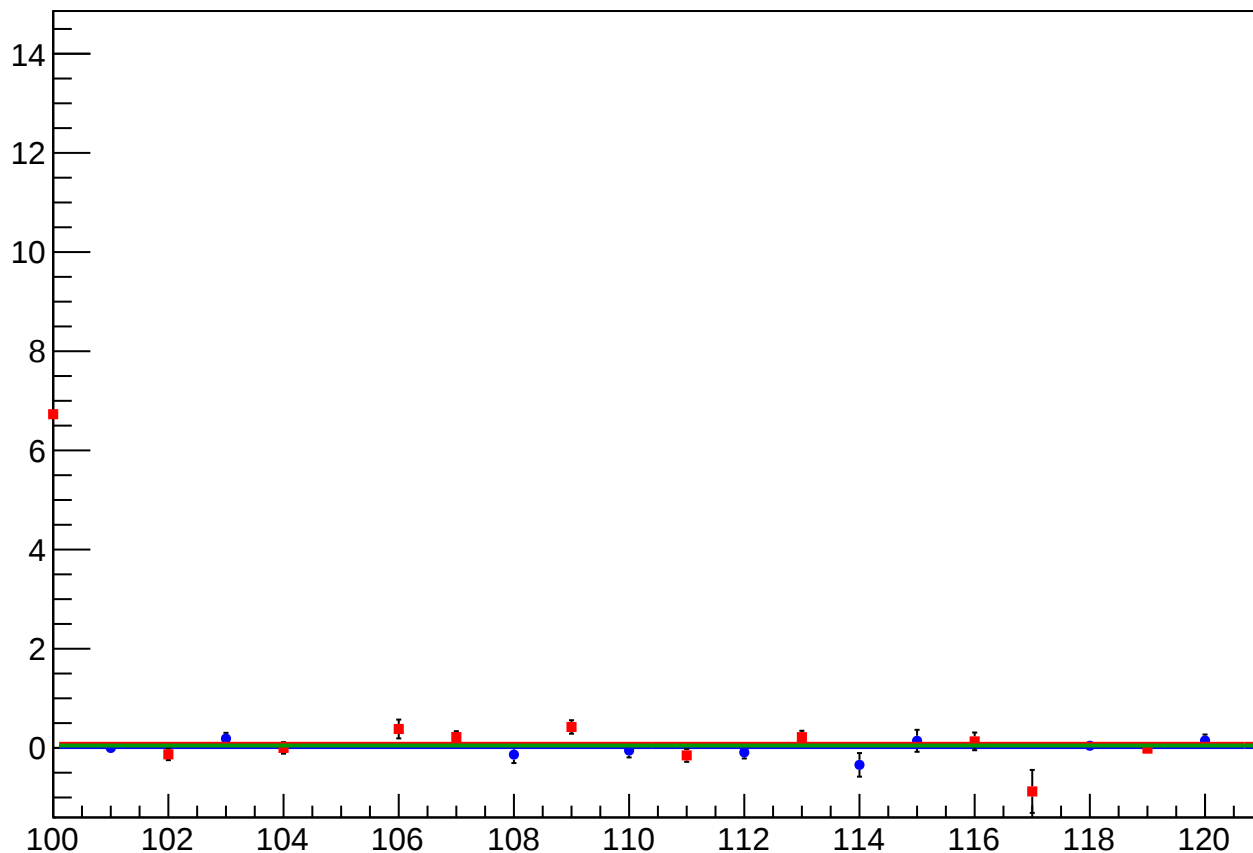
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.118 $\pm$ 0.056 χ^2 /NDF: 3.2/8

-0.028 $\pm$ 0.040 χ^2 /NDF: 36.3/20

-0.175 $\pm$ 0.057 χ^2 /NDF: 19.7/11

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.037 χ^2 /NDF: 7.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.082 $\pm$ 0.039 χ^2 /NDF: 26.0/11

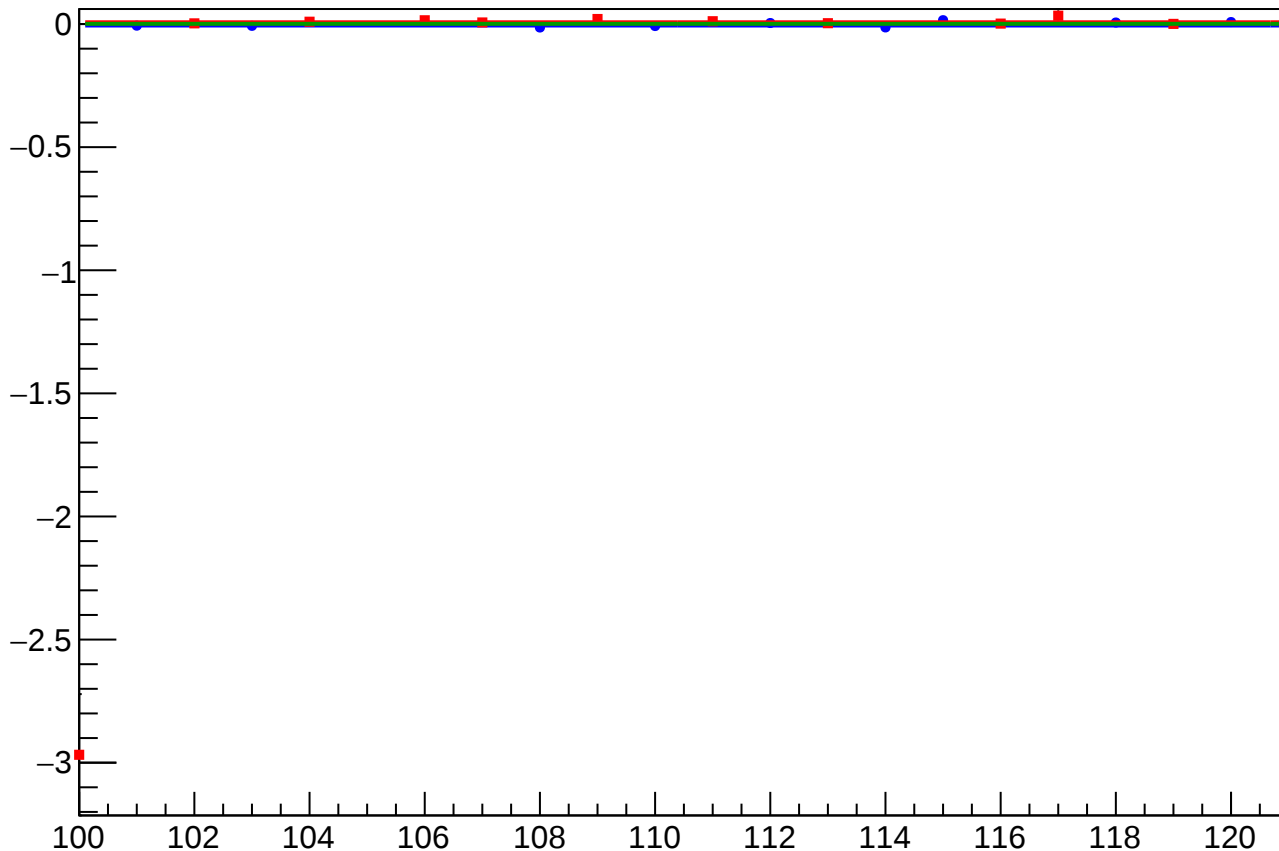
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.017 $\pm$ 0.037 χ^2 /NDF: 7.9/8

0.048 $\pm$ 0.027 χ^2 /NDF: 35.4/20

0.082 $\pm$ 0.039 χ^2 /NDF: 26.0/11

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.002 χ^2 /NDF: 11.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.007 $\pm$ 0.002 χ^2 /NDF: 156.0/11

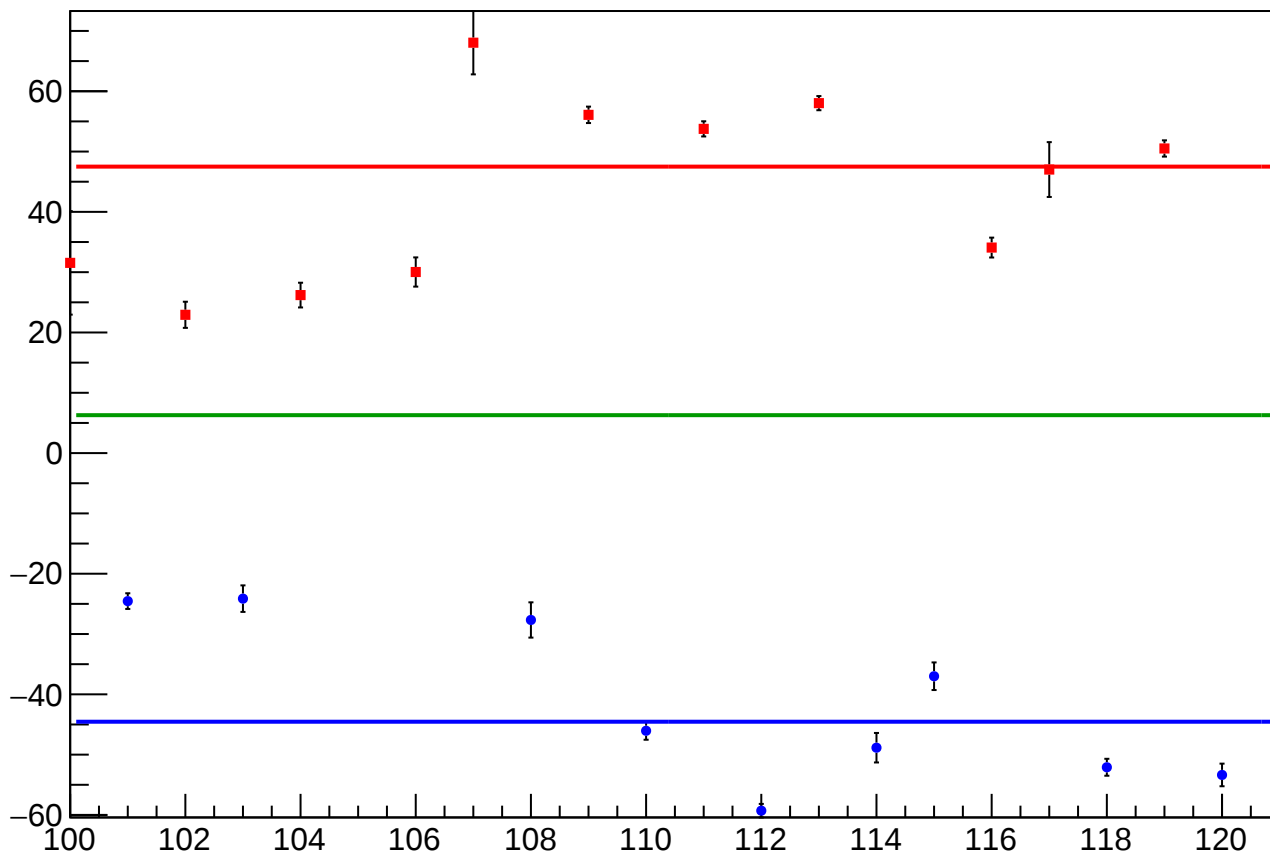
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.006 $\pm$ 0.002 χ^2 /NDF: 11.1/8

0.001 $\pm$ 0.001 χ^2 /NDF: 193.6/20

0.007 $\pm$ 0.002 χ^2 /NDF: 156.0/11

reg_asym_left_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -44.541 ± 0.550 χ^2/NDF : 593.8/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 47.502 ± 0.495 χ^2/NDF : 523.5/11

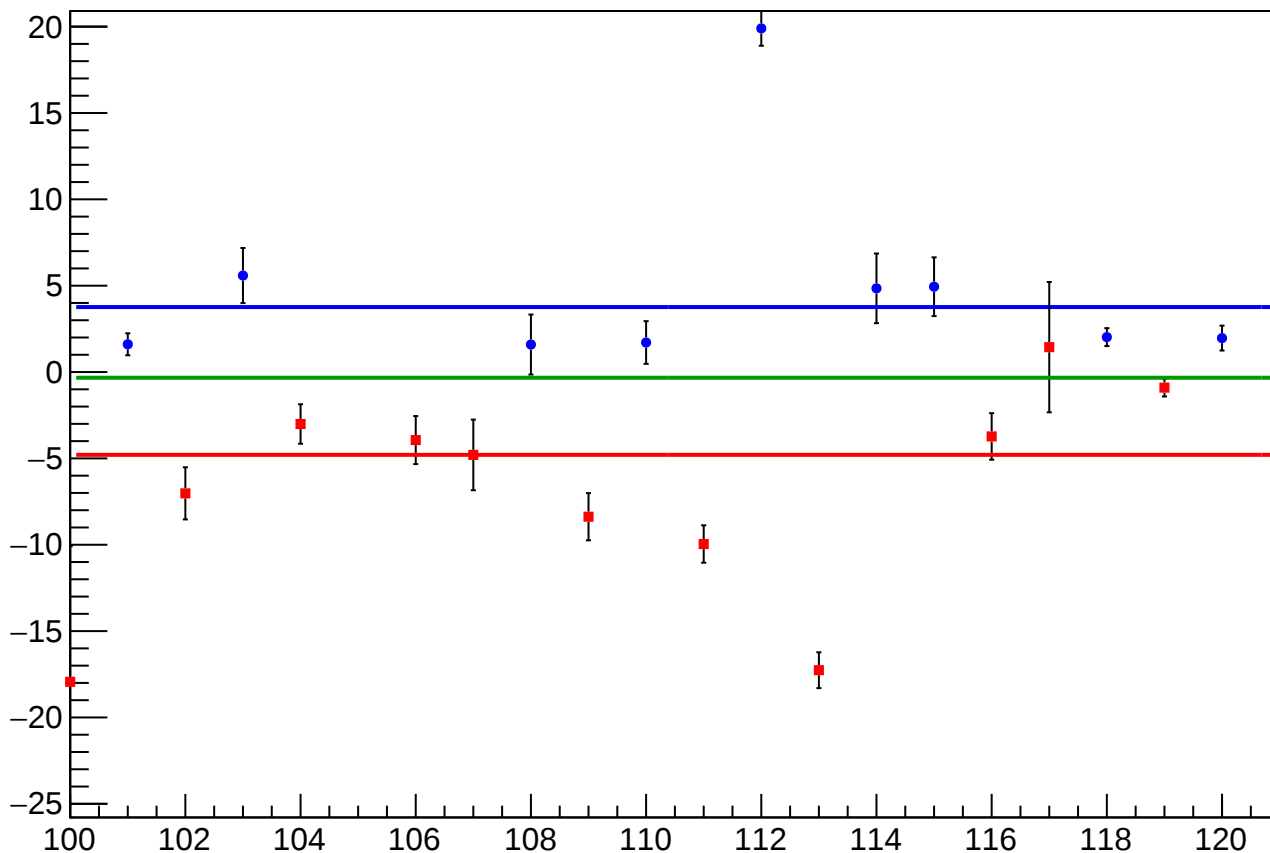
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-44.541 ± 0.550 χ^2/NDF : 593.8/8

6.288 ± 0.368 χ^2/NDF : 16602.0/20

47.502 ± 0.495 χ^2/NDF : 523.5/11

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.764+/-0.300 χ^2/NDF : 292.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.794+/-0.314 χ^2/NDF : 244.4/11

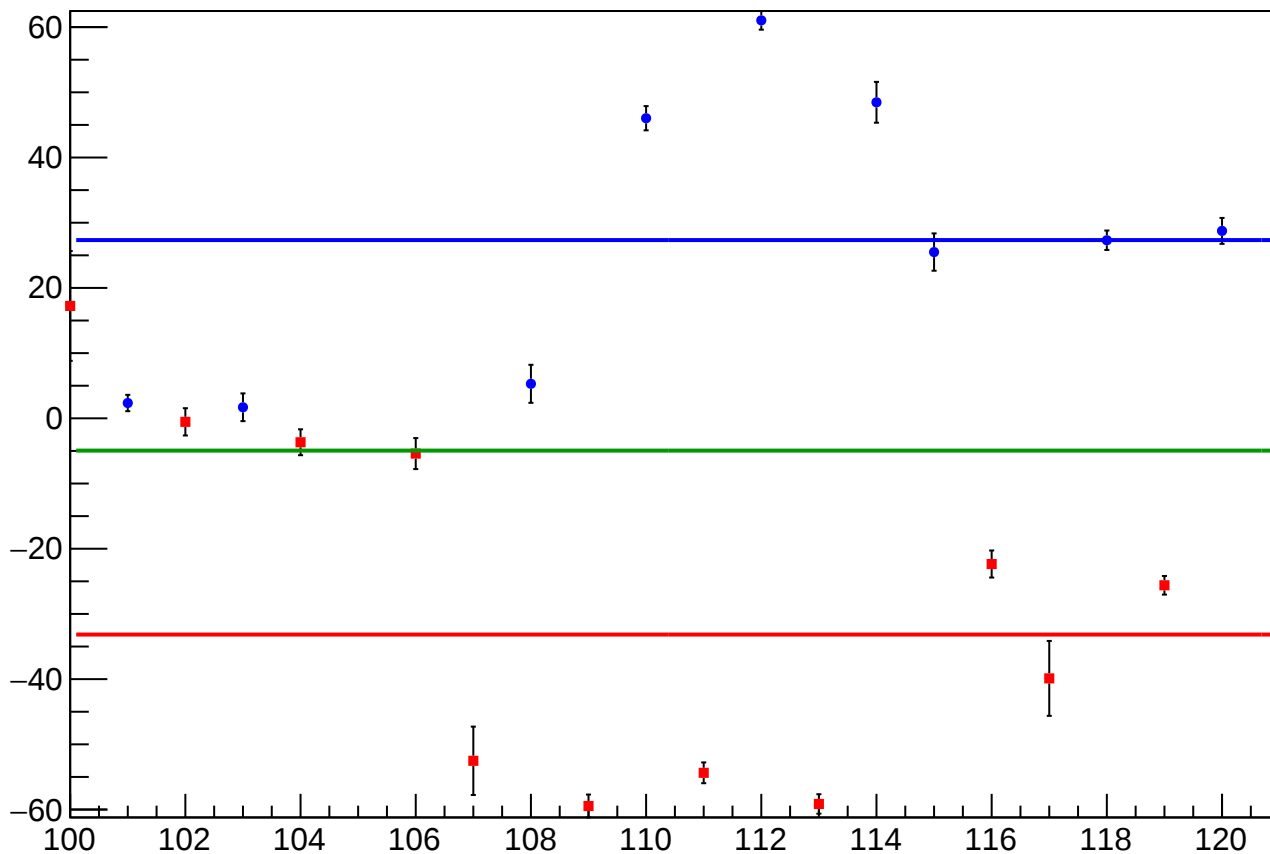
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.764+/-0.300 χ^2/NDF : 292.7/8

-0.330+/-0.217 χ^2/NDF : 925.4/20

-4.794+/-0.314 χ^2/NDF : 244.4/11

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.339+/-0.611 χ^2/NDF : 1301.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -33.162+/-0.571 χ^2/NDF : 1426.3/11

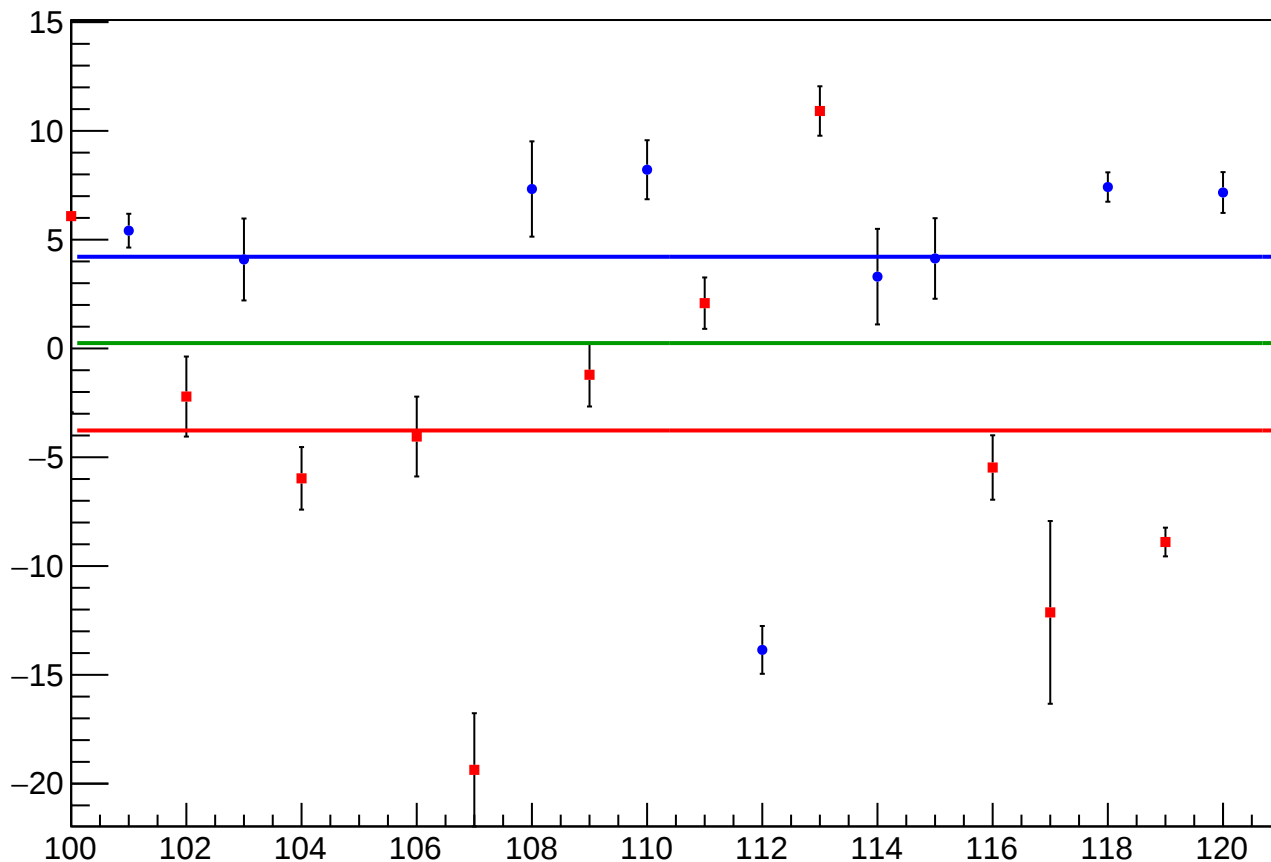
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27.339+/-0.611 χ^2/NDF : 1301.8/8

-4.951+/-0.417 χ^2/NDF : 7963.7/20

-33.162+/-0.571 χ^2/NDF : 1426.3/11

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.215+/-0.369 χ^2/NDF : 316.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.769+/-0.371 χ^2/NDF : 301.1/11

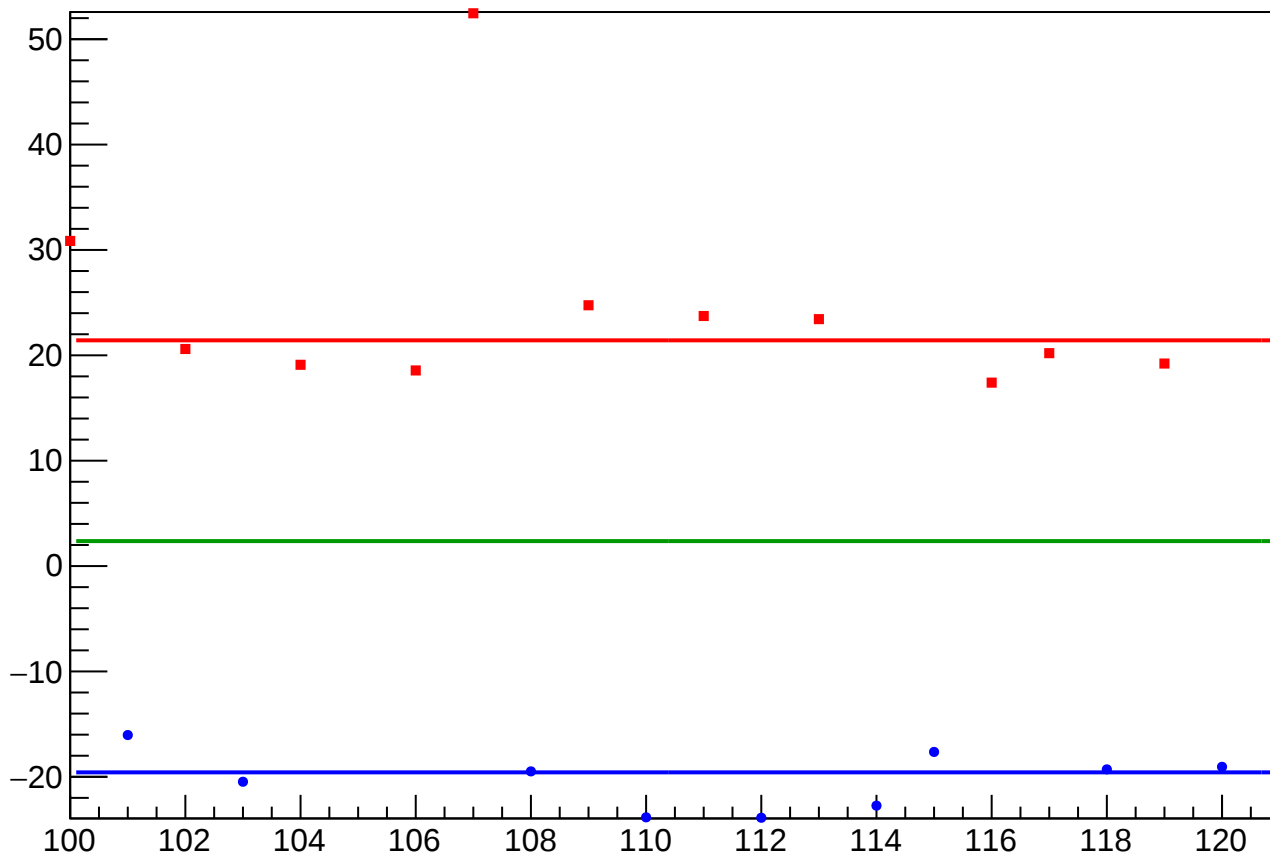
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.215+/-0.369 χ^2/NDF : 316.0/8

0.247+/-0.262 χ^2/NDF : 850.0/20

-3.769+/-0.371 χ^2/NDF : 301.1/11

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.578 $\pm$ 0.022 χ^2 /NDF: 13712.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.422 $\pm$ 0.021 χ^2 /NDF: 80660.3/11

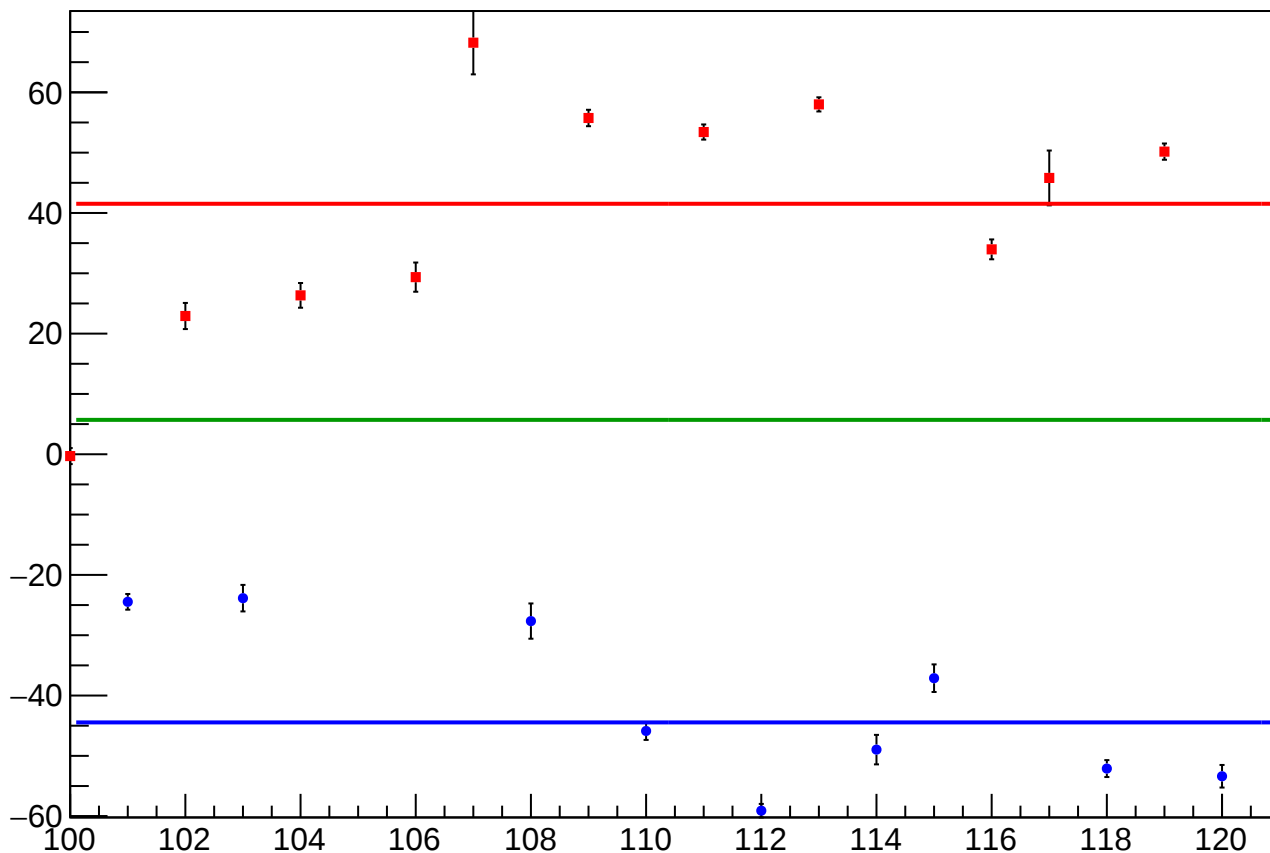
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-19.578 $\pm$ 0.022 χ^2 /NDF: 13712.7/8

2.369 $\pm$ 0.015 χ^2 /NDF: 1916606.1/20

21.422 $\pm$ 0.021 χ^2 /NDF: 80660.3/11

reg_asym_left_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -44.454 $\pm$ 0.549 χ^2 /NDF: 593.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 41.525 $\pm$ 0.464 χ^2 /NDF: 1643.9/11

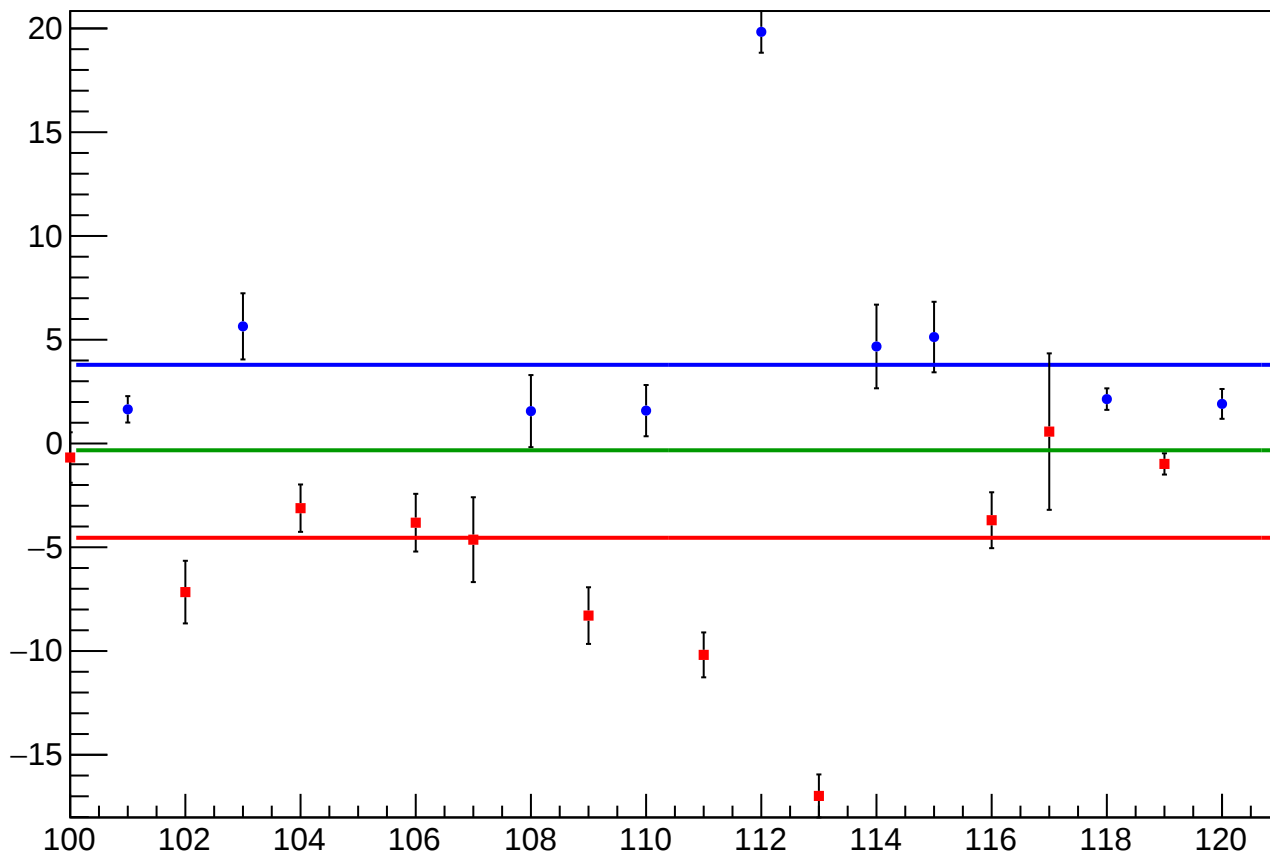
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-44.454 $\pm$ 0.549 χ^2 /NDF: 593.7/8

5.702 $\pm$ 0.355 χ^2 /NDF: 16527.7/20

41.525 $\pm$ 0.464 χ^2 /NDF: 1643.9/11

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.791+/-0.300 χ^2/NDF : 290.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.543+/-0.304 χ^2/NDF : 245.1/11

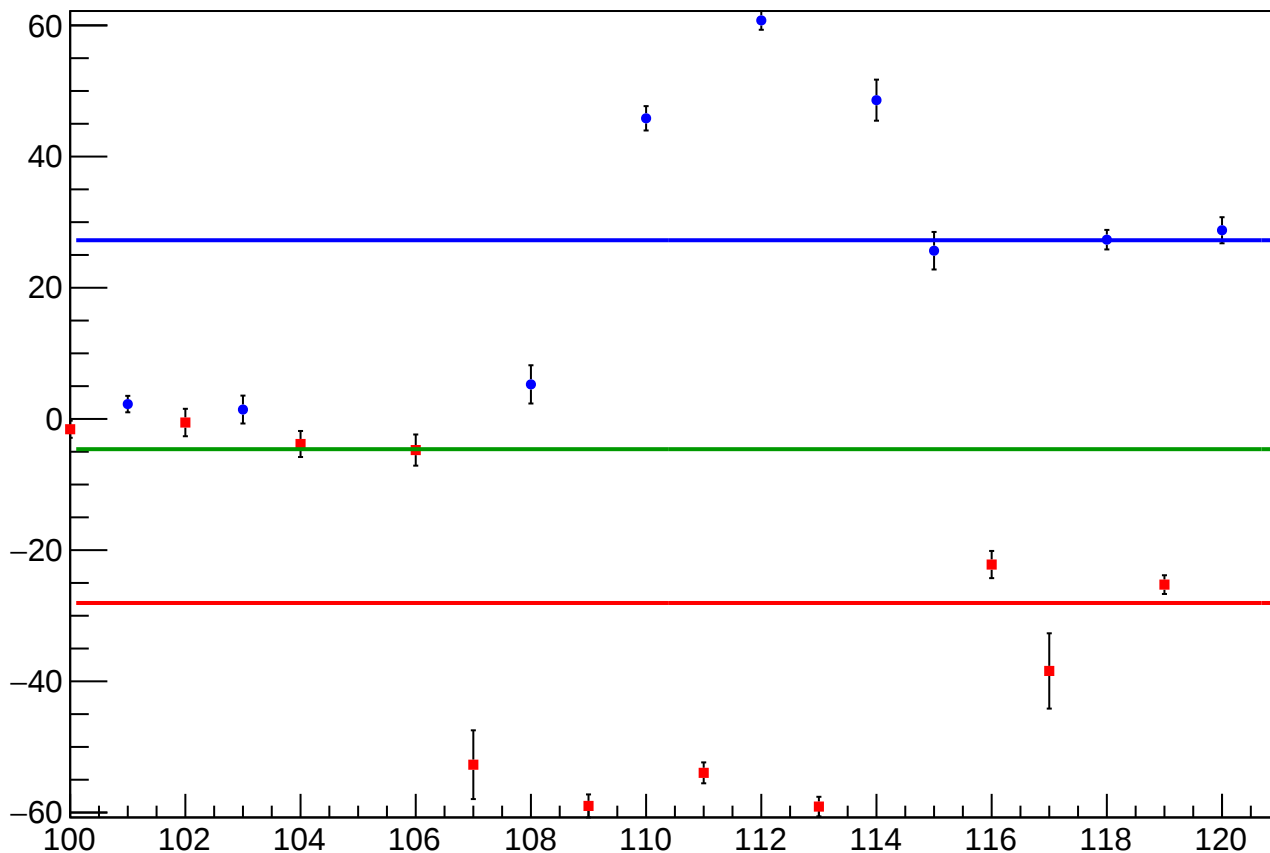
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.791+/-0.300 χ^2/NDF : 290.2/8

-0.327+/-0.214 χ^2/NDF : 916.1/20

-4.543+/-0.304 χ^2/NDF : 245.1/11

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.245+/-0.610 χ^2/NDF : 1298.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -28.056+/-0.524 χ^2/NDF : 1876.2/11

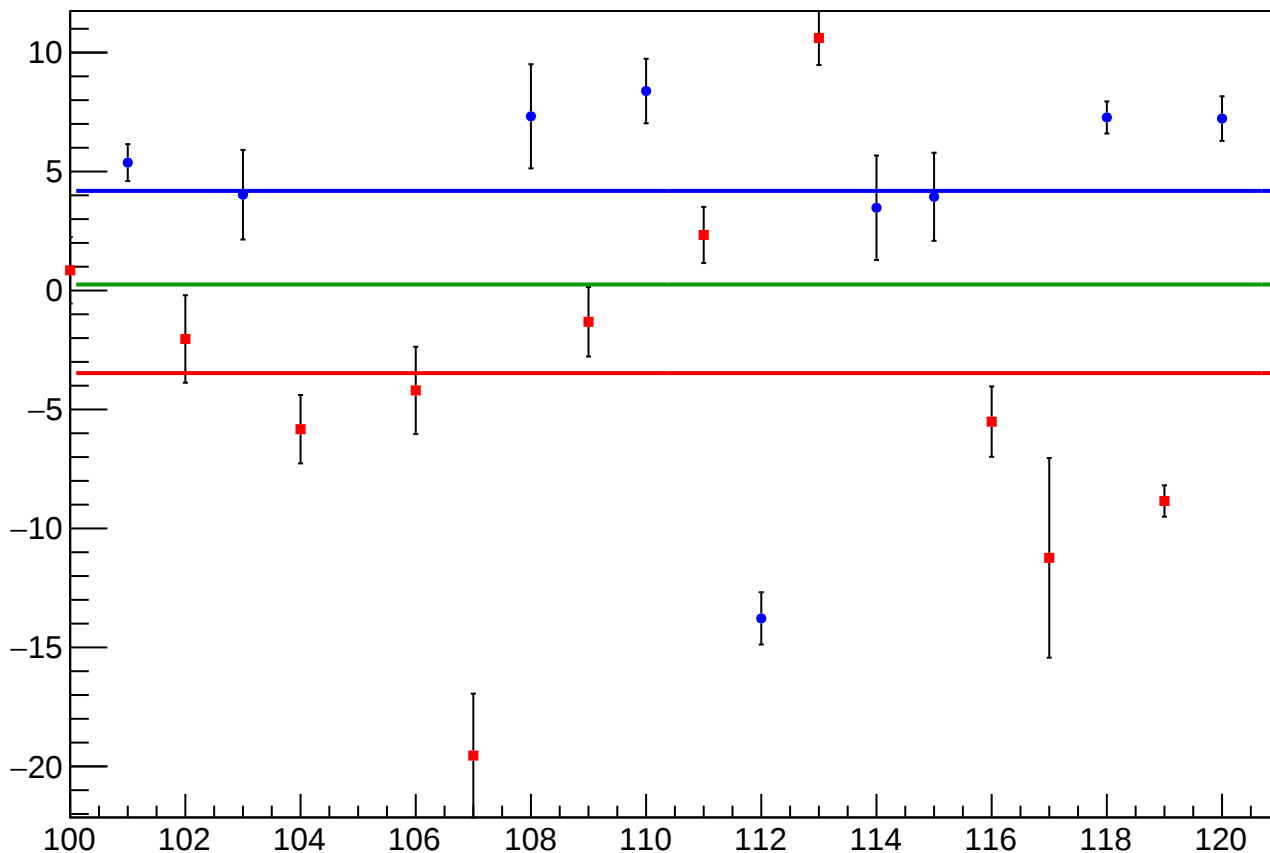
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27.245+/-0.610 χ^2/NDF : 1298.2/8

-4.607+/-0.398 χ^2/NDF : 7900.7/20

-28.056+/-0.524 χ^2/NDF : 1876.2/11

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.186+/-0.369 χ^2/NDF : 313.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.471+/-0.359 χ^2/NDF : 304.6/11

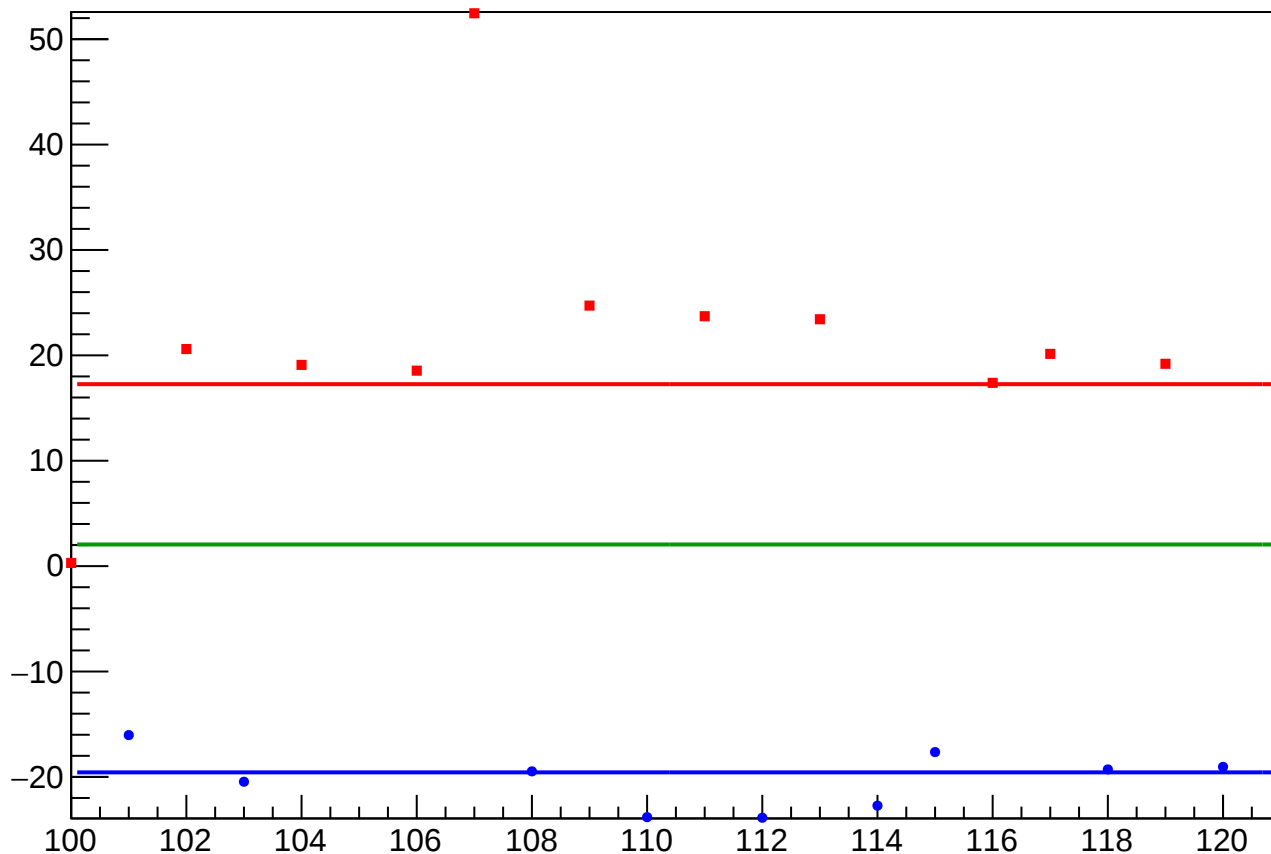
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.186+/-0.369 χ^2/NDF : 313.1/8

0.253+/-0.257 χ^2/NDF : 839.4/20

-3.471+/-0.359 χ^2/NDF : 304.6/11

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.569+/-0.022 χ^2/NDF : 13690.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.266+/-0.019 χ^2/NDF : 279369.5/11

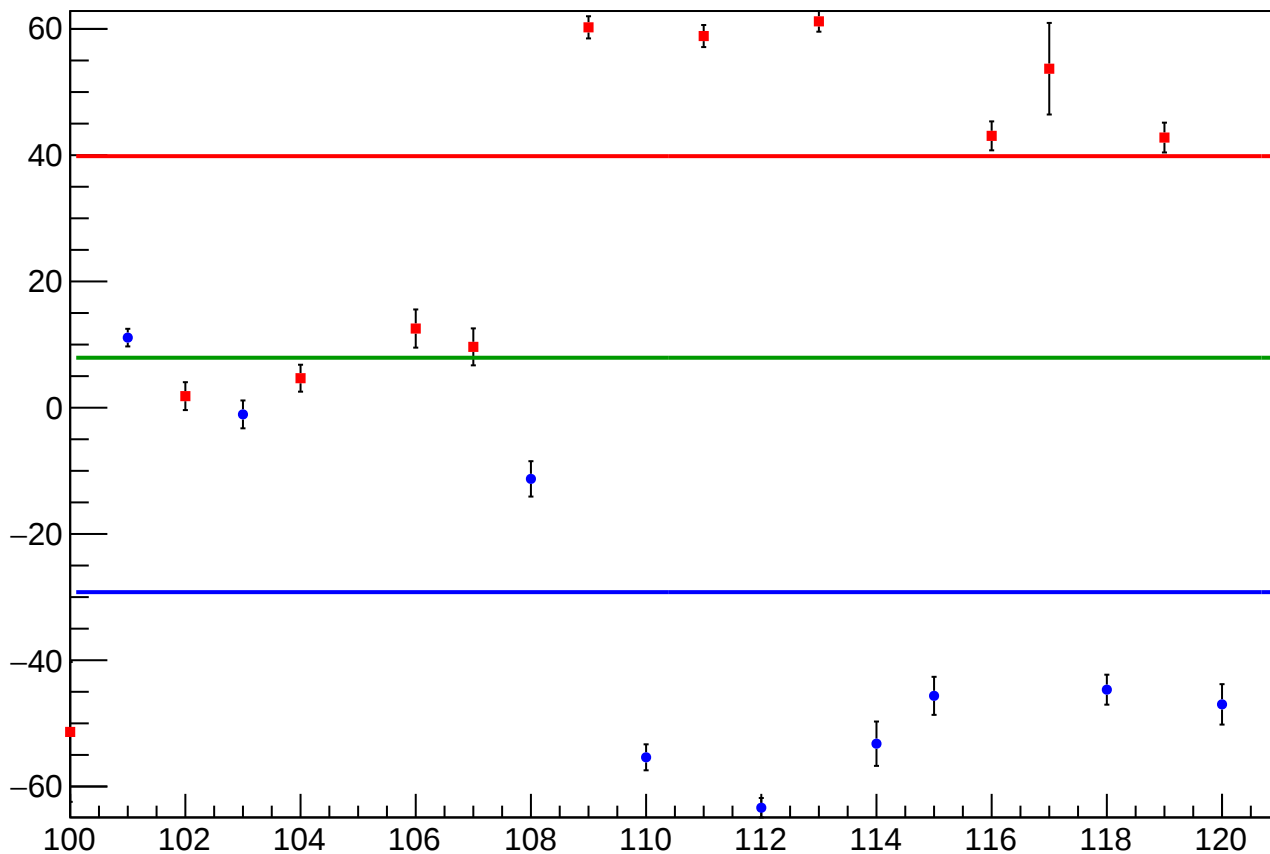
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-19.569+/-0.022 χ^2/NDF : 13690.5/8

2.054+/-0.014 χ^2/NDF : 1907902.0/20

17.266+/-0.019 χ^2/NDF : 279369.5/11

reg_asym_right_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -29.215+/-0.713 χ^2/NDF : 1840.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.846+/-0.661 χ^2/NDF : 1255.7/11

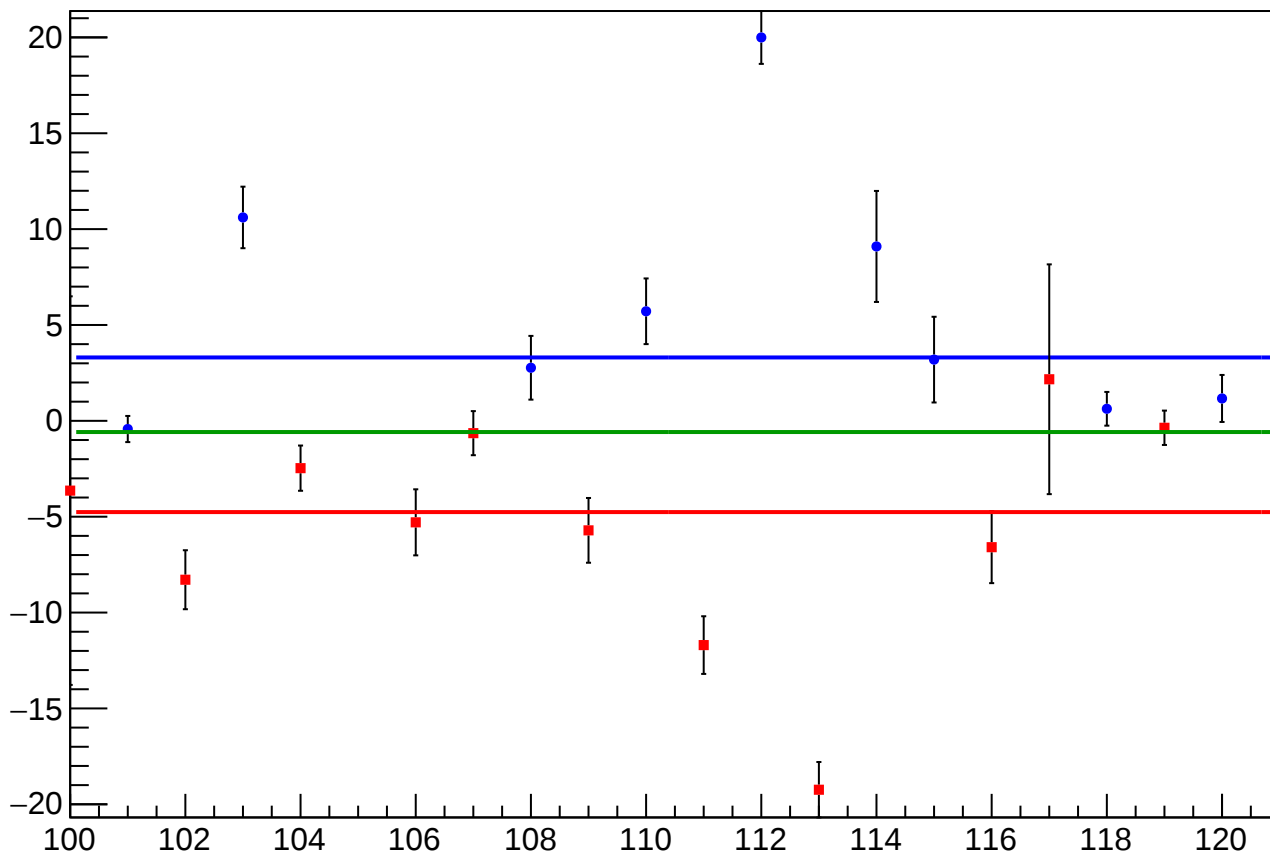
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-29.215+/-0.713 χ^2/NDF : 1840.9/8

7.916+/-0.484 χ^2/NDF : 8147.4/20

39.846+/-0.661 χ^2/NDF : 1255.7/11

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.306+/-0.407 χ^2/NDF : 215.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.759+/-0.421 χ^2/NDF : 178.0/11

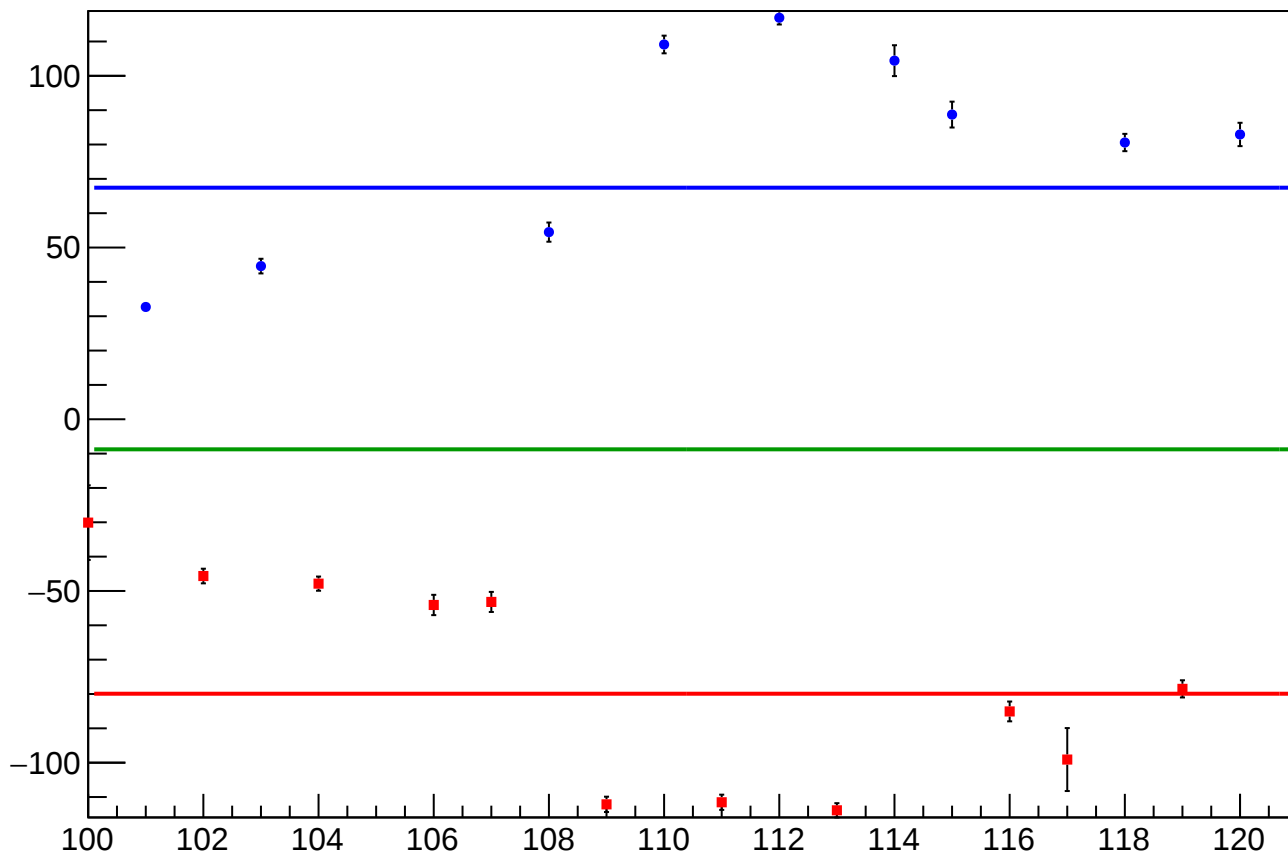
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.306+/-0.407 χ^2/NDF : 215.6/8

-0.584+/-0.293 χ^2/NDF : 583.2/20

-4.759+/-0.421 χ^2/NDF : 178.0/11

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 67.429+/-0.772 χ^2/NDF : 1849.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -79.919+/-0.747 χ^2/NDF : 1365.7/11

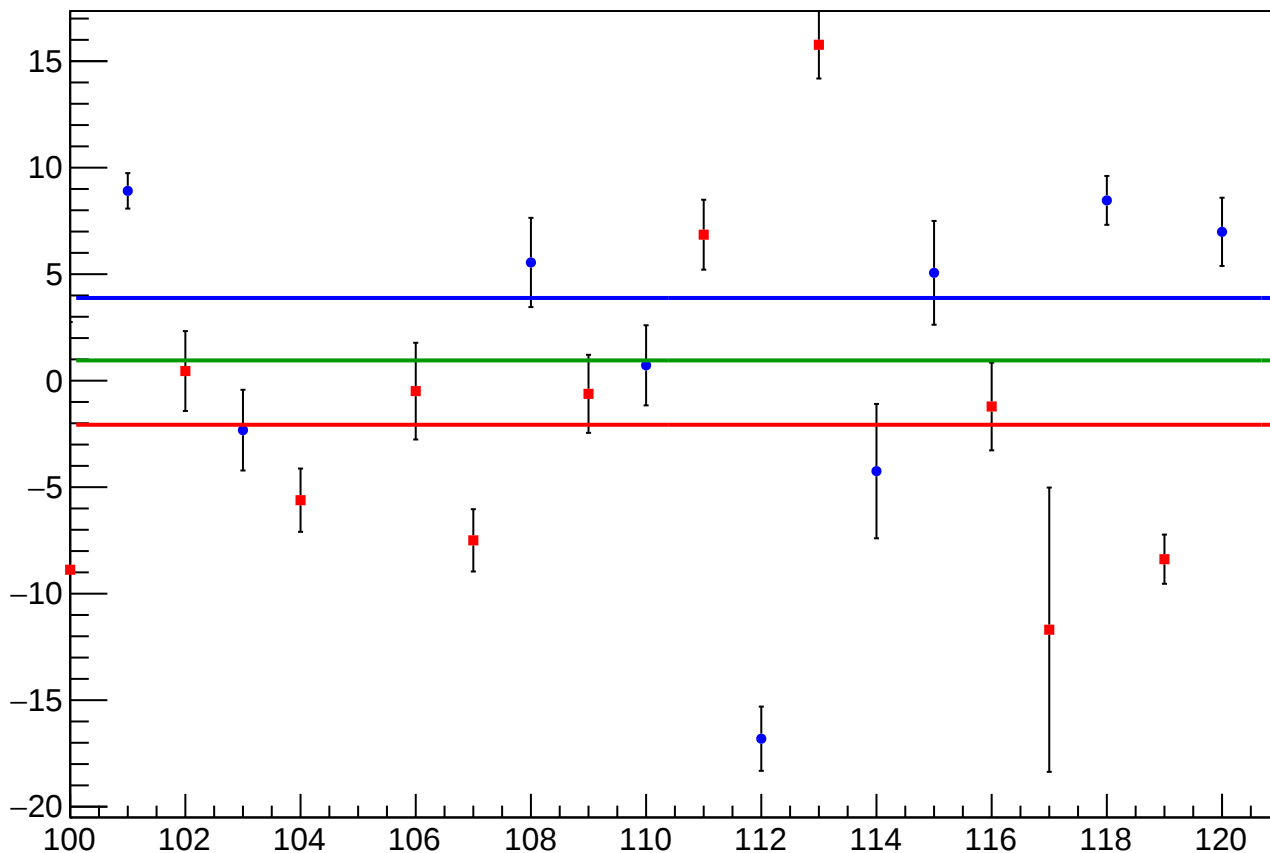
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

67.429+/-0.772 χ^2/NDF : 1849.4/8

-8.757+/-0.537 χ^2/NDF : 22027.4/20

-79.919+/-0.747 χ^2/NDF : 1365.7/11

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.883+/-0.494 χ^2/NDF : 265.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.070+/-0.502 χ^2/NDF : 228.7/11

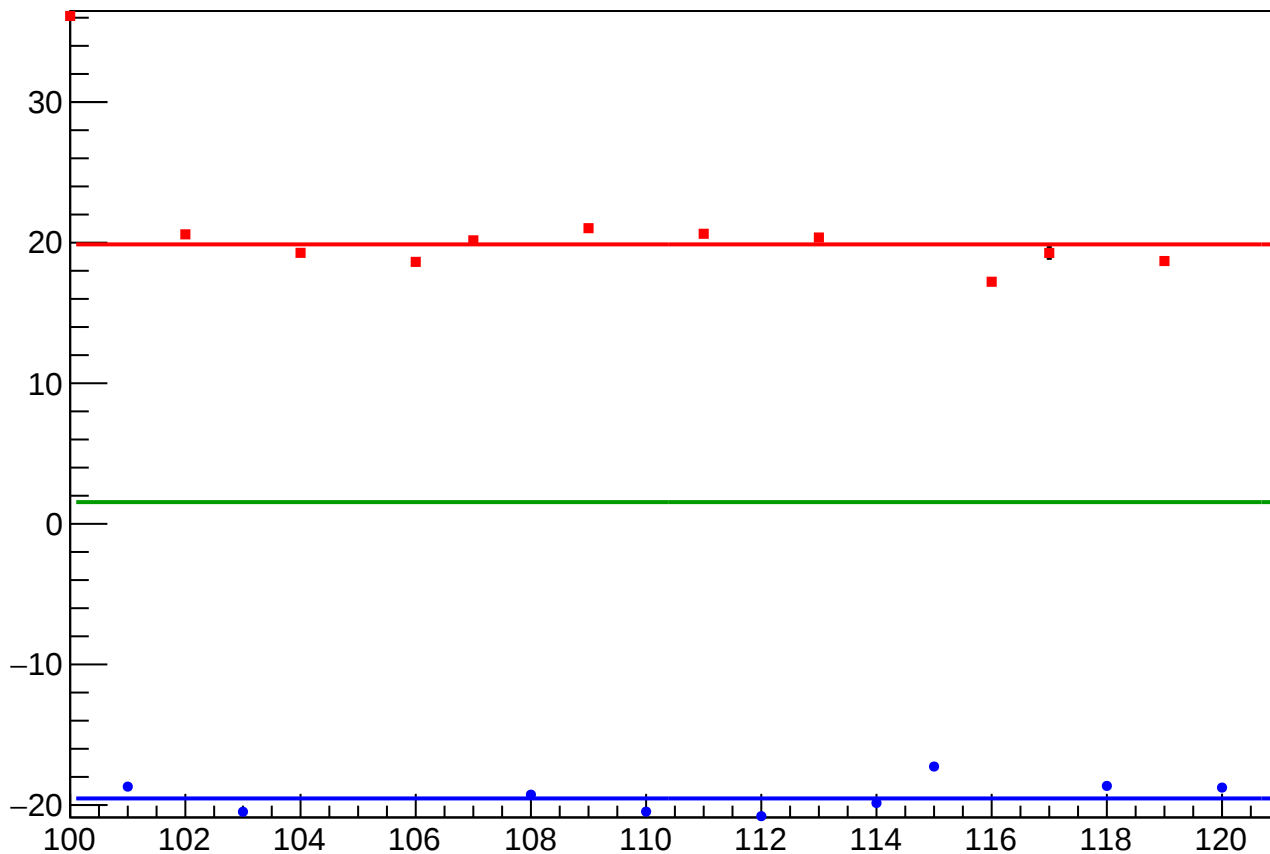
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.883+/-0.494 χ^2/NDF : 265.7/8

0.951+/-0.352 χ^2/NDF : 565.9/20

-2.070+/-0.502 χ^2/NDF : 228.7/11

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.532 $\pm$ 0.026 χ^2 /NDF: 1258.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.878 $\pm$ 0.024 χ^2 /NDF: 3564.7/11

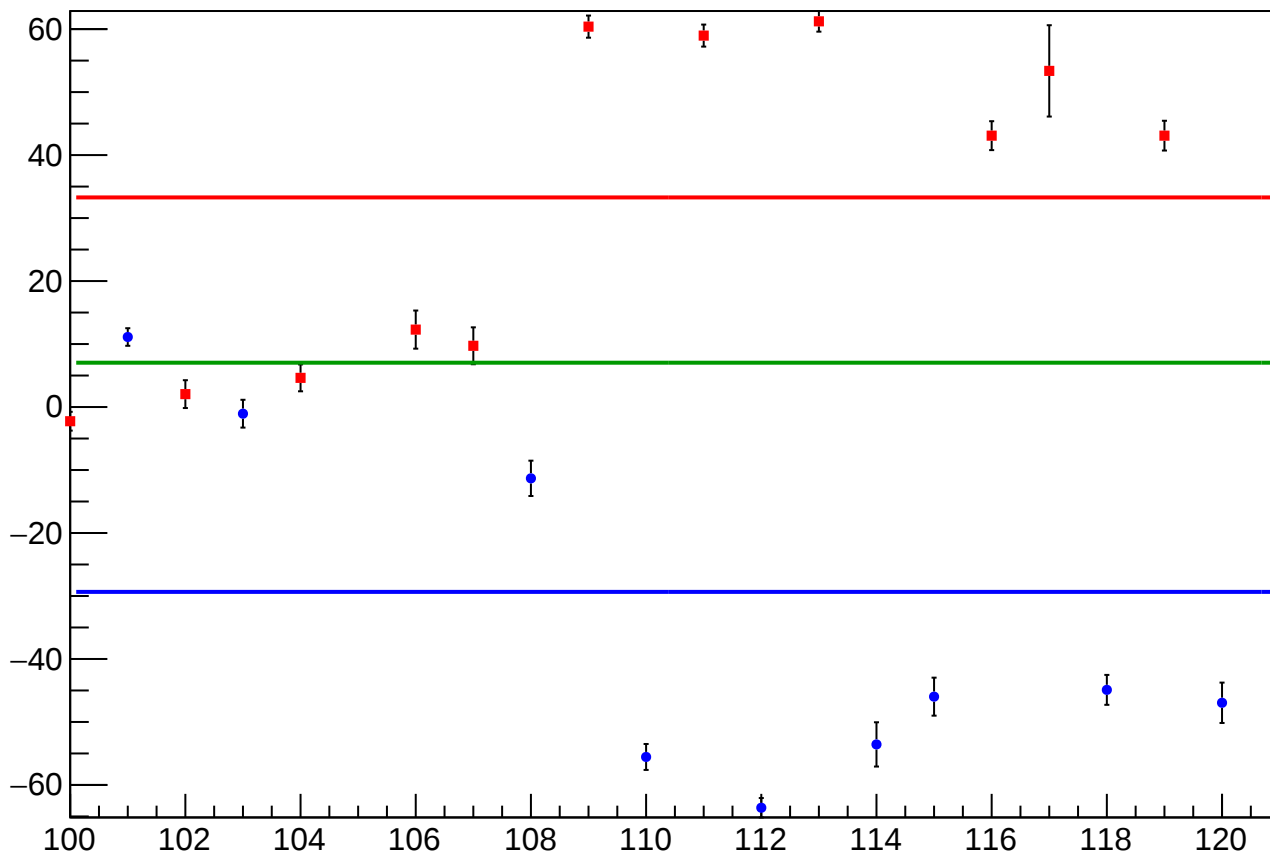
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-19.532 $\pm$ 0.026 χ^2 /NDF: 1258.2/8

1.545 $\pm$ 0.018 χ^2 /NDF: 1248680.1/20

19.878 $\pm$ 0.024 χ^2 /NDF: 3564.7/11

reg_asym_right_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -29.348+/-0.713 χ^2/NDF : 1853.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.277+/-0.605 χ^2/NDF : 1867.1/11

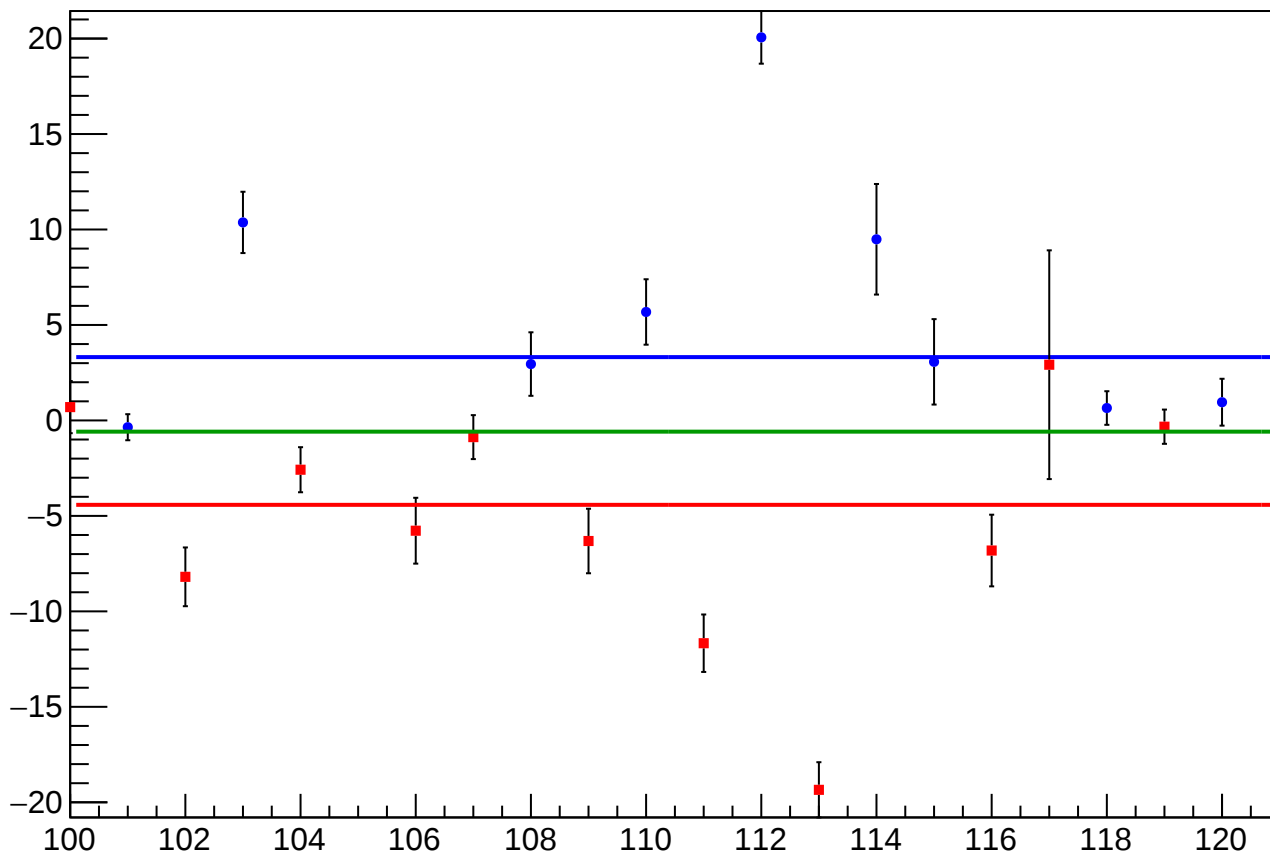
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-29.348+/-0.713 χ^2/NDF : 1853.0/8

7.038+/-0.461 χ^2/NDF : 8203.6/20

33.277+/-0.605 χ^2/NDF : 1867.1/11

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.316+/-0.407 χ^2/NDF : 215.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.421+/-0.403 χ^2/NDF : 192.6/11

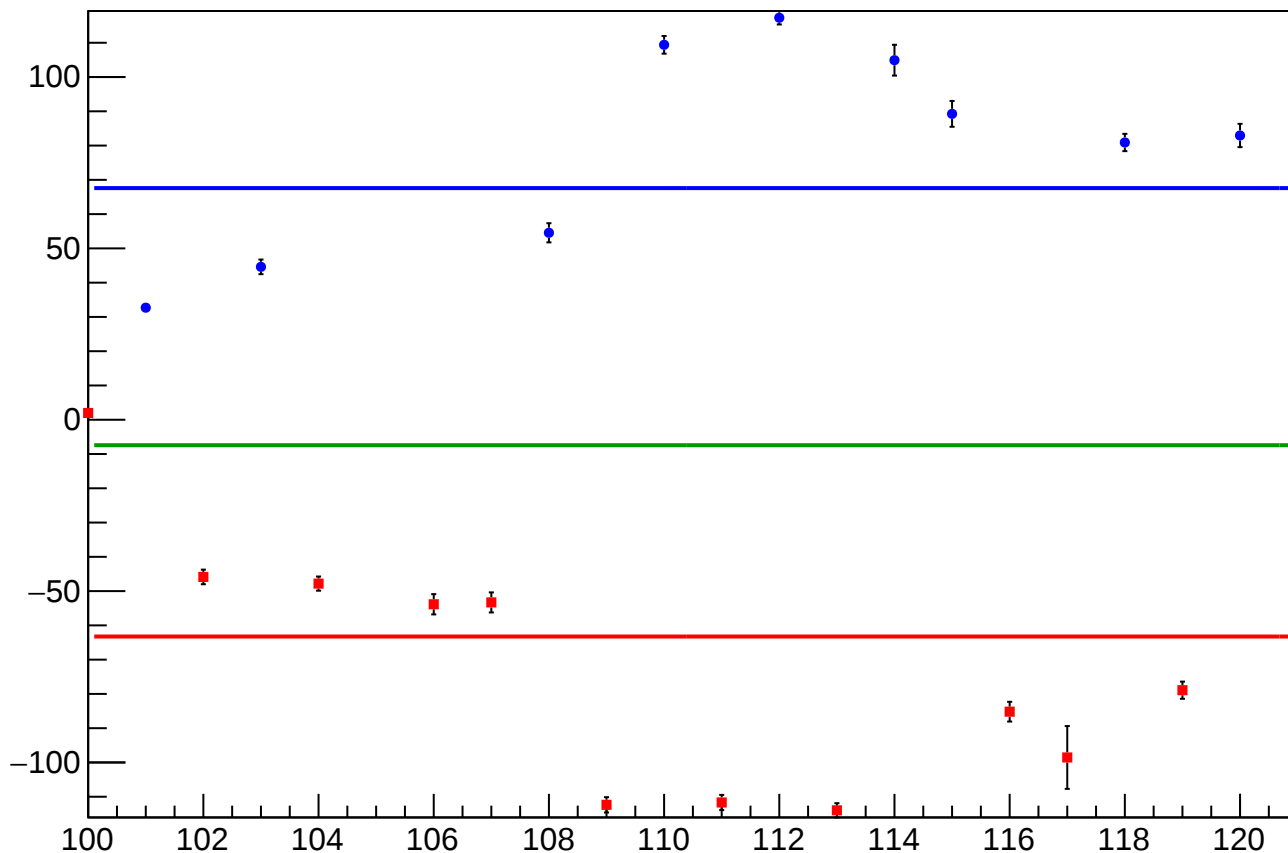
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.316+/-0.407 χ^2/NDF : 215.1/8

-0.588+/-0.286 χ^2/NDF : 590.1/20

-4.421+/-0.403 χ^2/NDF : 192.6/11

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 67.591+/-0.773 χ^2/NDF : 1865.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -63.253+/-0.667 χ^2/NDF : 3849.5/11

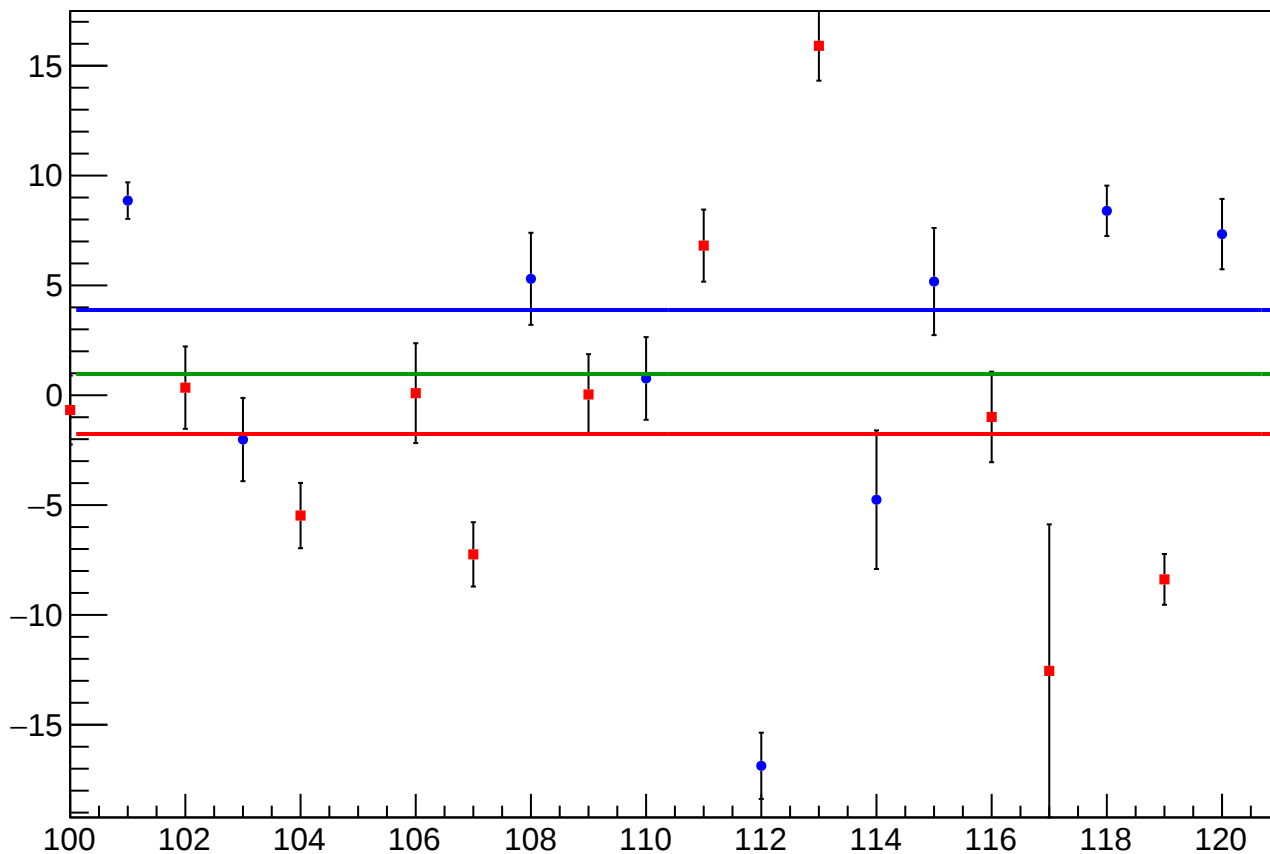
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

67.591+/-0.773 χ^2/NDF : 1865.7/8

-7.429+/-0.505 χ^2/NDF : 22147.6/20

-63.253+/-0.667 χ^2/NDF : 3849.5/11

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.880+/-0.494 χ^2/NDF : 265.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.764+/-0.479 χ^2/NDF : 227.8/11

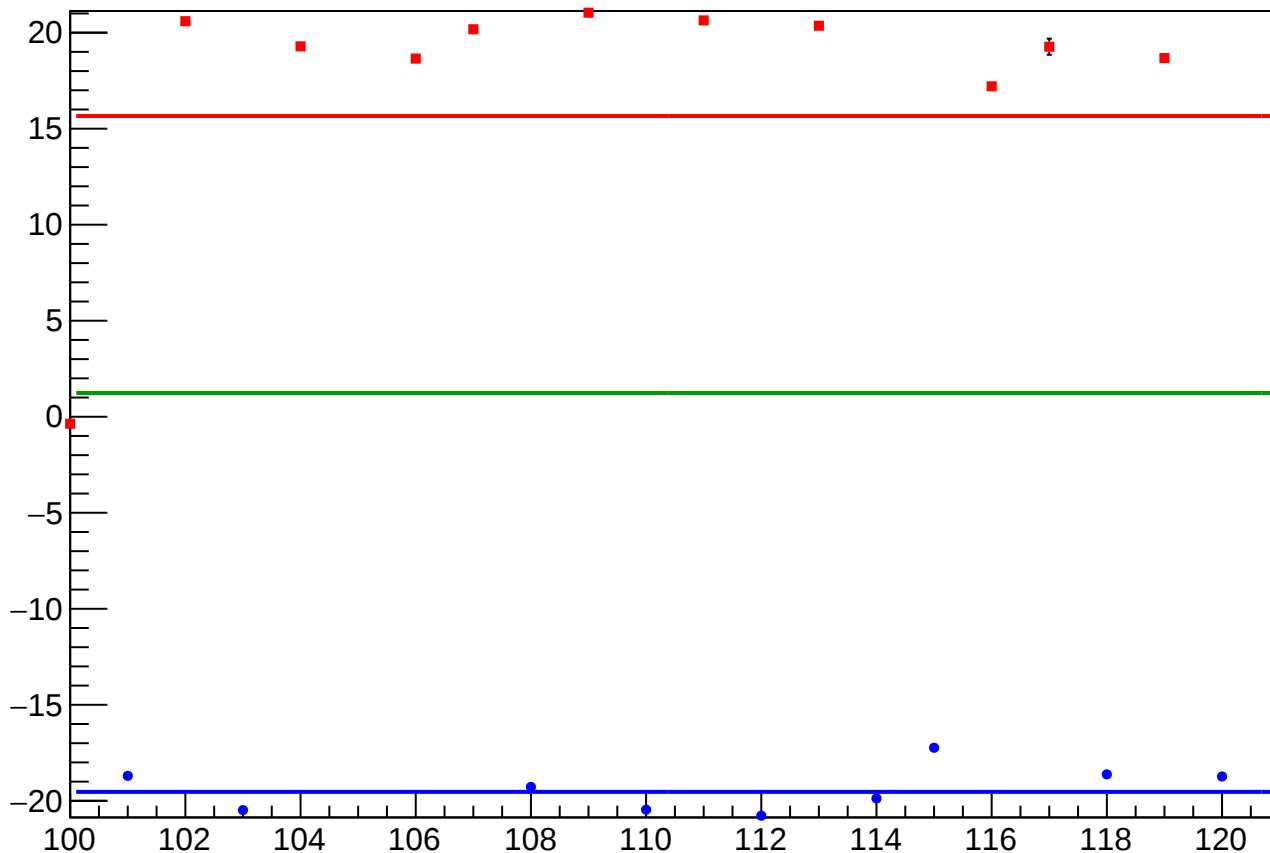
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.880+/-0.494 χ^2/NDF : 265.9/8

0.965+/-0.344 χ^2/NDF : 561.0/20

-1.764+/-0.479 χ^2/NDF : 227.8/11

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.534 $\pm$ 0.026 χ^2 /NDF: 1256.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.660 $\pm$ 0.022 χ^2 /NDF: 144617.4/11

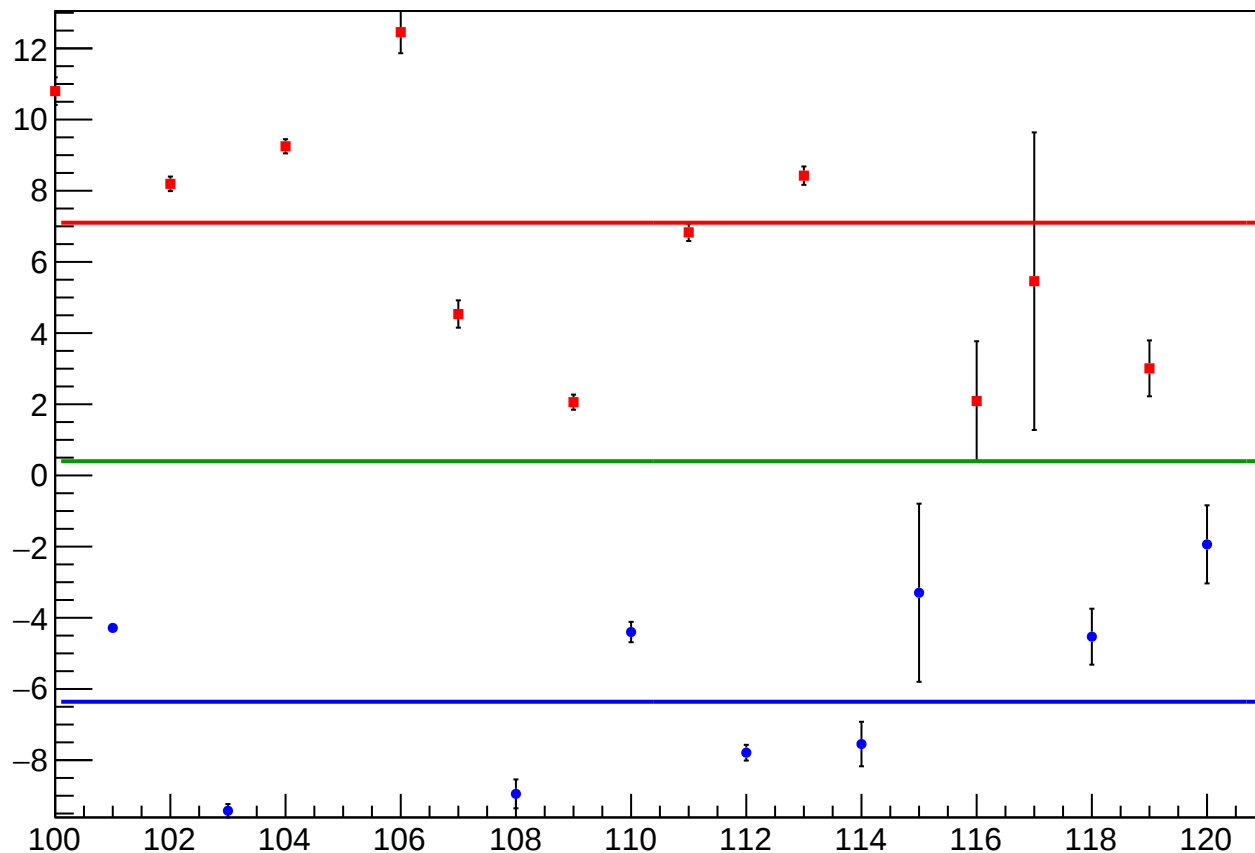
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-19.534 $\pm$ 0.026 χ^2 /NDF: 1256.7/8

1.239 $\pm$ 0.017 χ^2 /NDF: 1239509.1/20

15.660 $\pm$ 0.022 χ^2 /NDF: 144617.4/11

reg_asym_sam_15_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -6.359+/-0.091 χ^2/NDF : 635.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.102+/-0.090 χ^2/NDF : 991.4/11

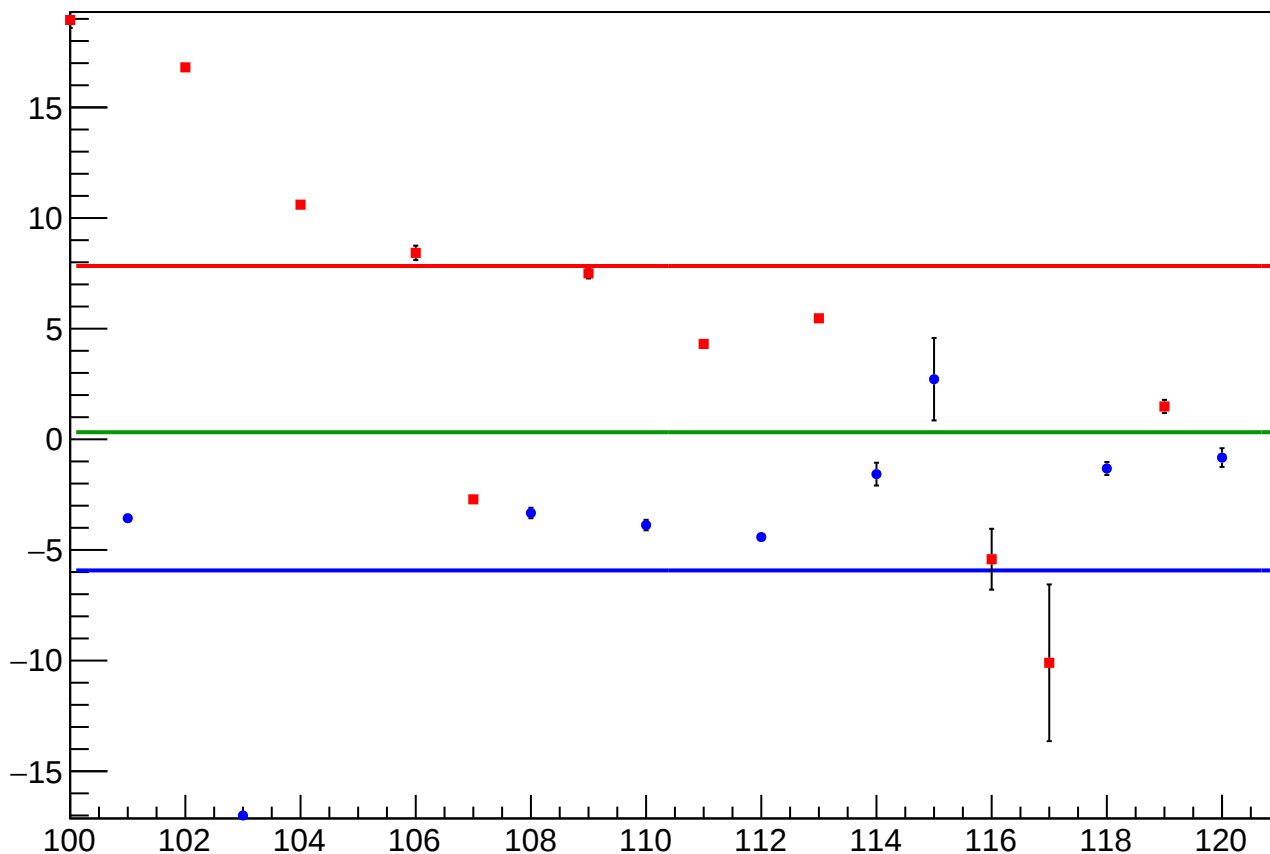
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.359+/-0.091 χ^2/NDF : 635.5/8

0.400+/-0.064 χ^2/NDF : 12724.1/20

7.102+/-0.090 χ^2/NDF : 991.4/11

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.925 ± 0.058 χ^2/NDF : 8381.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 7.833 ± 0.063 χ^2/NDF : 11053.1/11

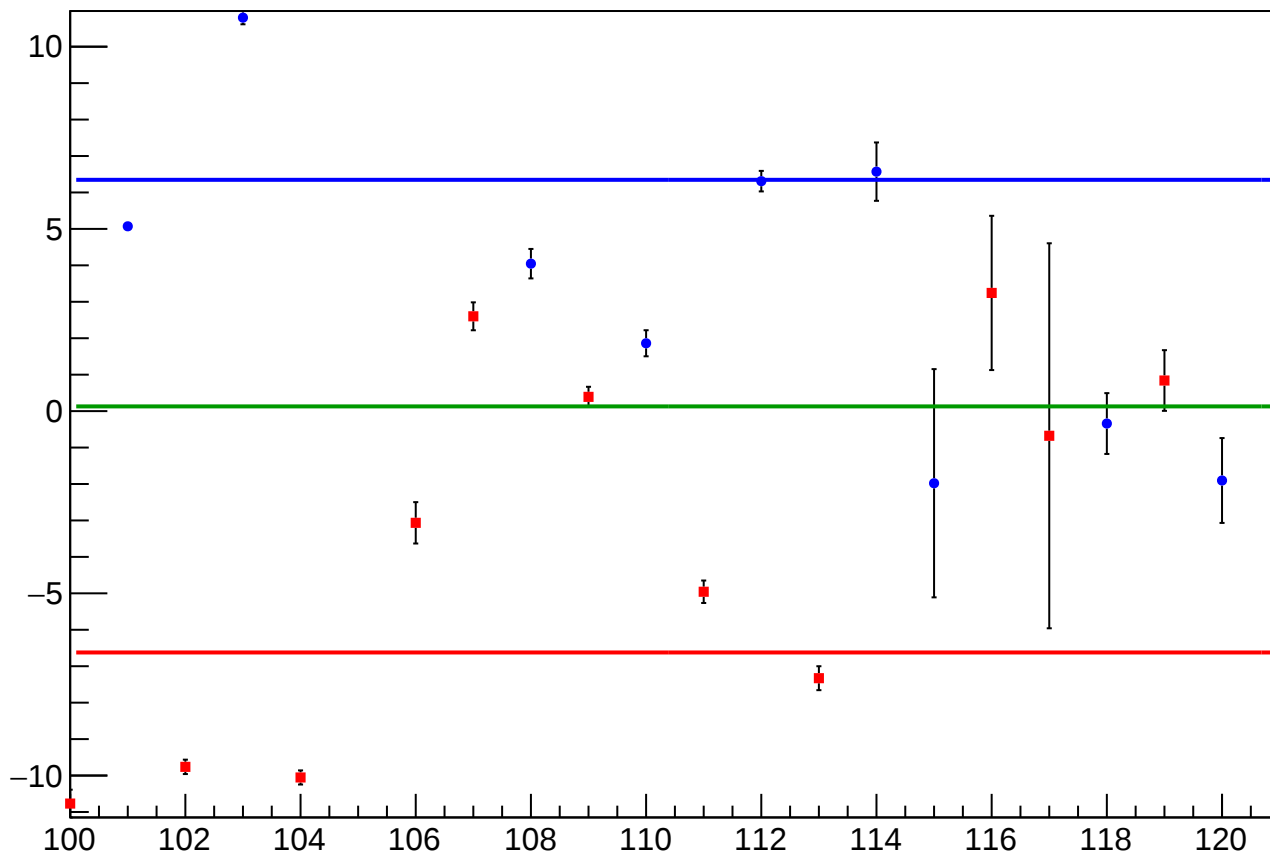
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-5.925 ± 0.058 χ^2/NDF : 8381.1/8

0.320 ± 0.043 χ^2/NDF : 45273.7/20

7.833 ± 0.063 χ^2/NDF : 11053.1/11

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.347 ± 0.094 χ^2/NDF : 995.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.623 ± 0.098 χ^2/NDF : 2160.3/11

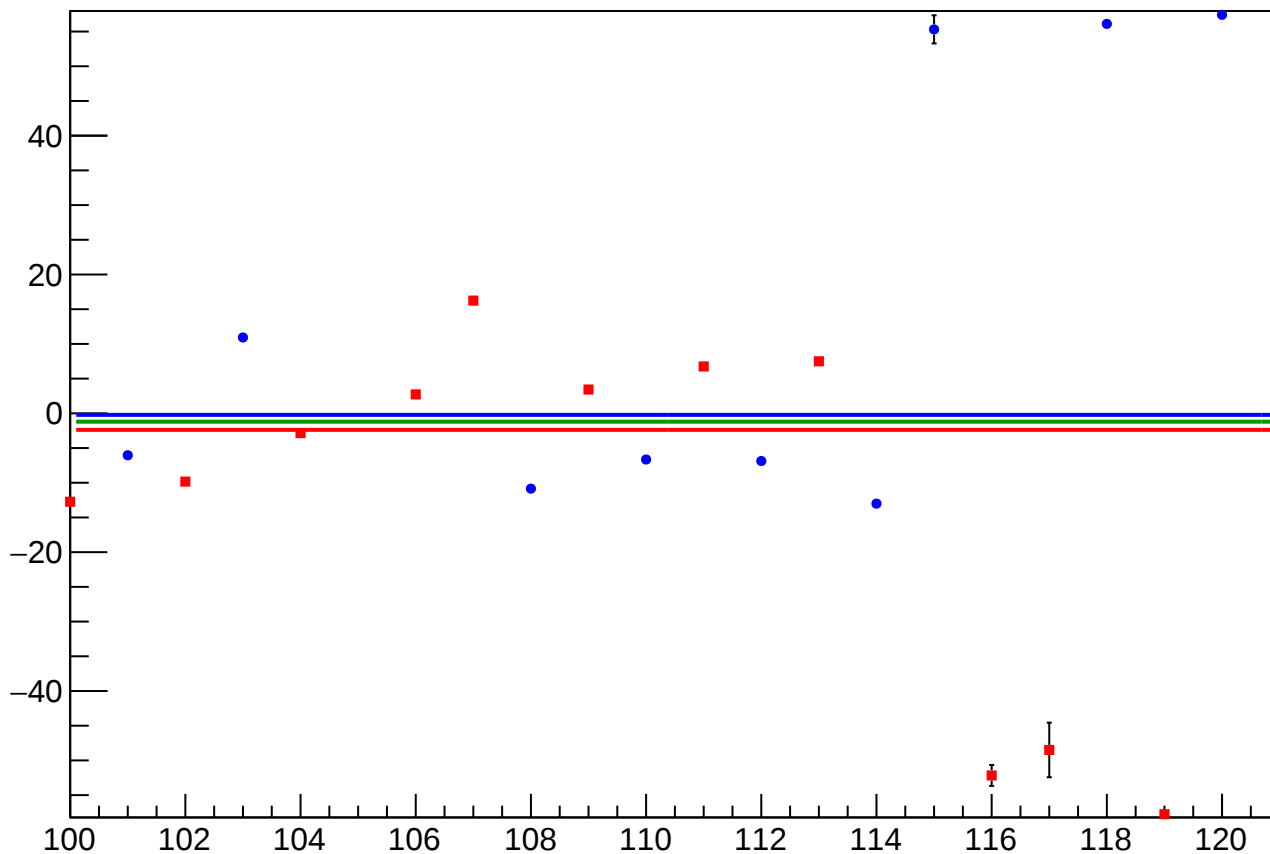
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

6.347 ± 0.094 χ^2/NDF : 995.5/8

0.129 ± 0.068 χ^2/NDF : 12363.1/20

-6.623 ± 0.098 χ^2/NDF : 2160.3/11

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.220 ± 0.069 χ^2/NDF : 45731.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.378 ± 0.075 χ^2/NDF : 50301.1/11

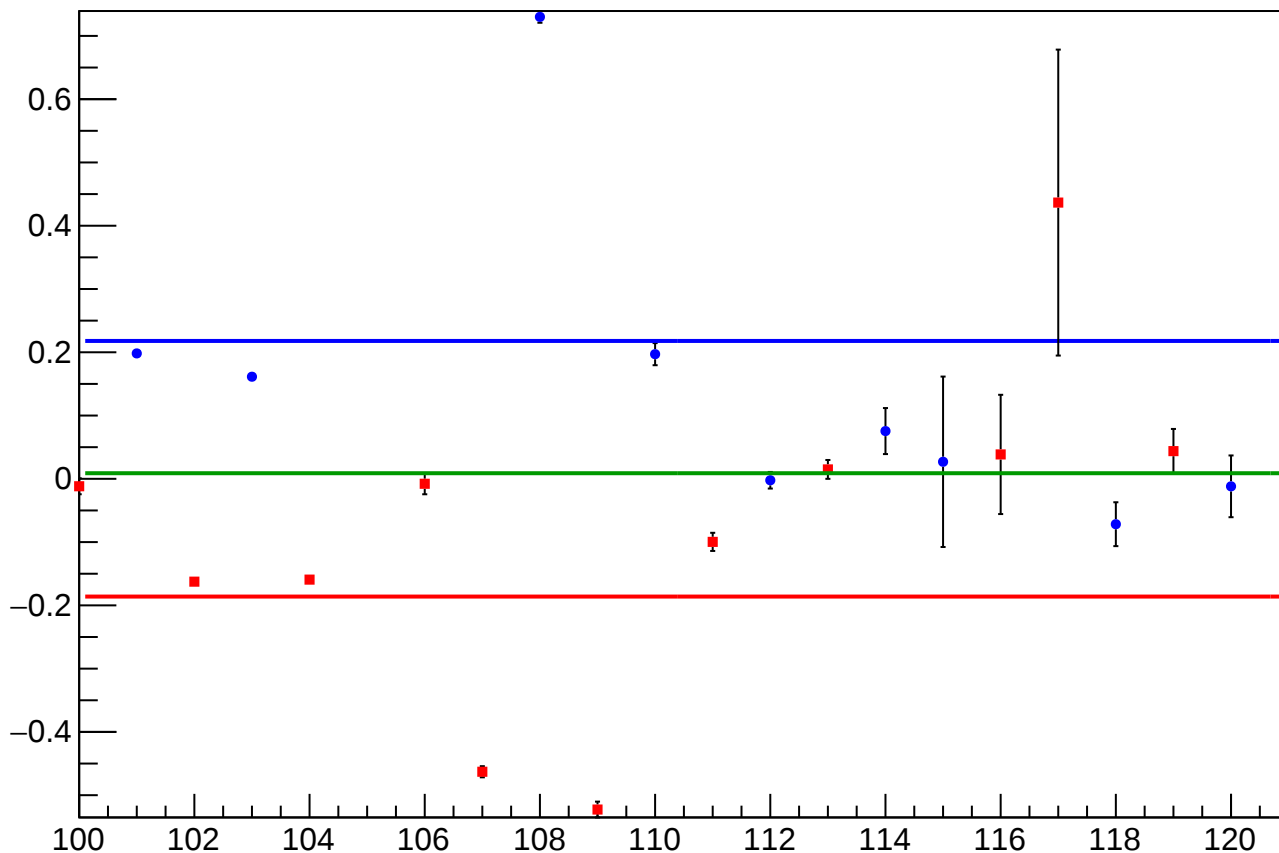
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.220 ± 0.069 χ^2/NDF : 45731.4/8

-1.203 ± 0.051 χ^2/NDF : 96478.4/20

-2.378 ± 0.075 χ^2/NDF : 50301.1/11

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.218 ± 0.003 χ^2/NDF : 3641.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.186 ± 0.003 χ^2/NDF : 2408.8/11

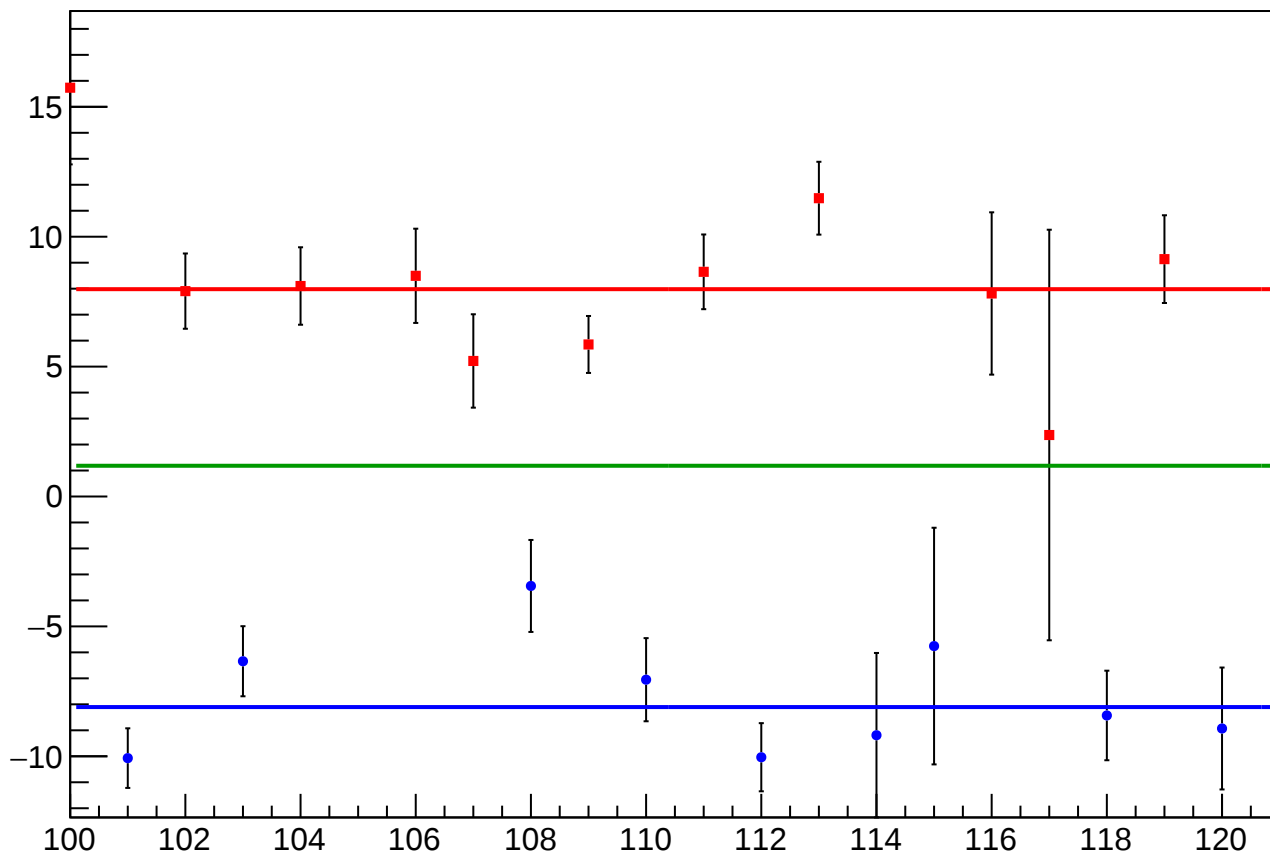
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.218 ± 0.003 χ^2/NDF : 3641.6/8

0.009 ± 0.002 χ^2/NDF : 16226.0/20

-0.186 ± 0.003 χ^2/NDF : 2408.8/11

reg_asym_sam_15_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -8.105+/-0.553 χ^2/NDF : 14.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.981+/-0.473 χ^2/NDF : 21.9/11

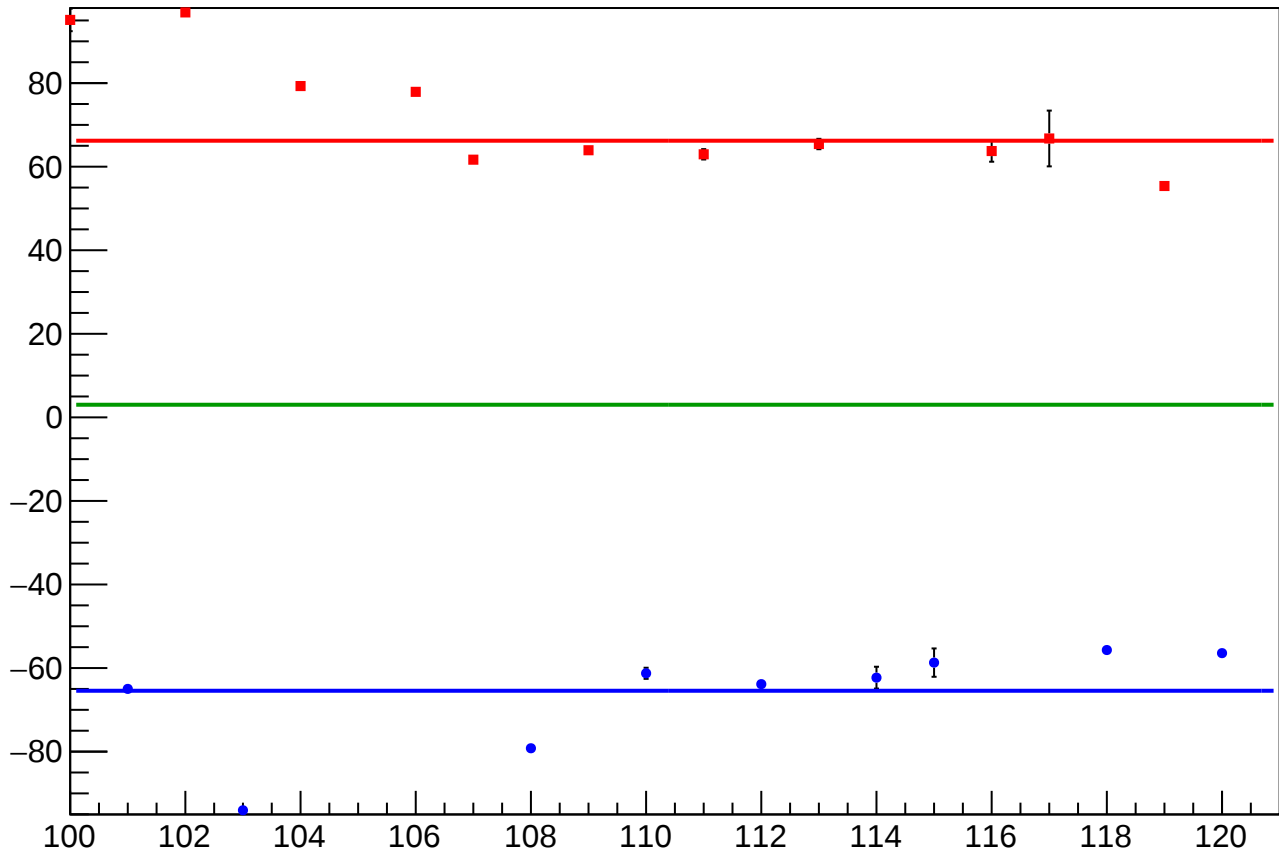
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-8.105+/-0.553 χ^2/NDF : 14.7/8

1.183+/-0.360 χ^2/NDF : 524.7/20

7.981+/-0.473 χ^2/NDF : 21.9/11

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -65.434+/-0.313 χ^2/NDF : 1335.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.214+/-0.301 χ^2/NDF : 1882.6/11

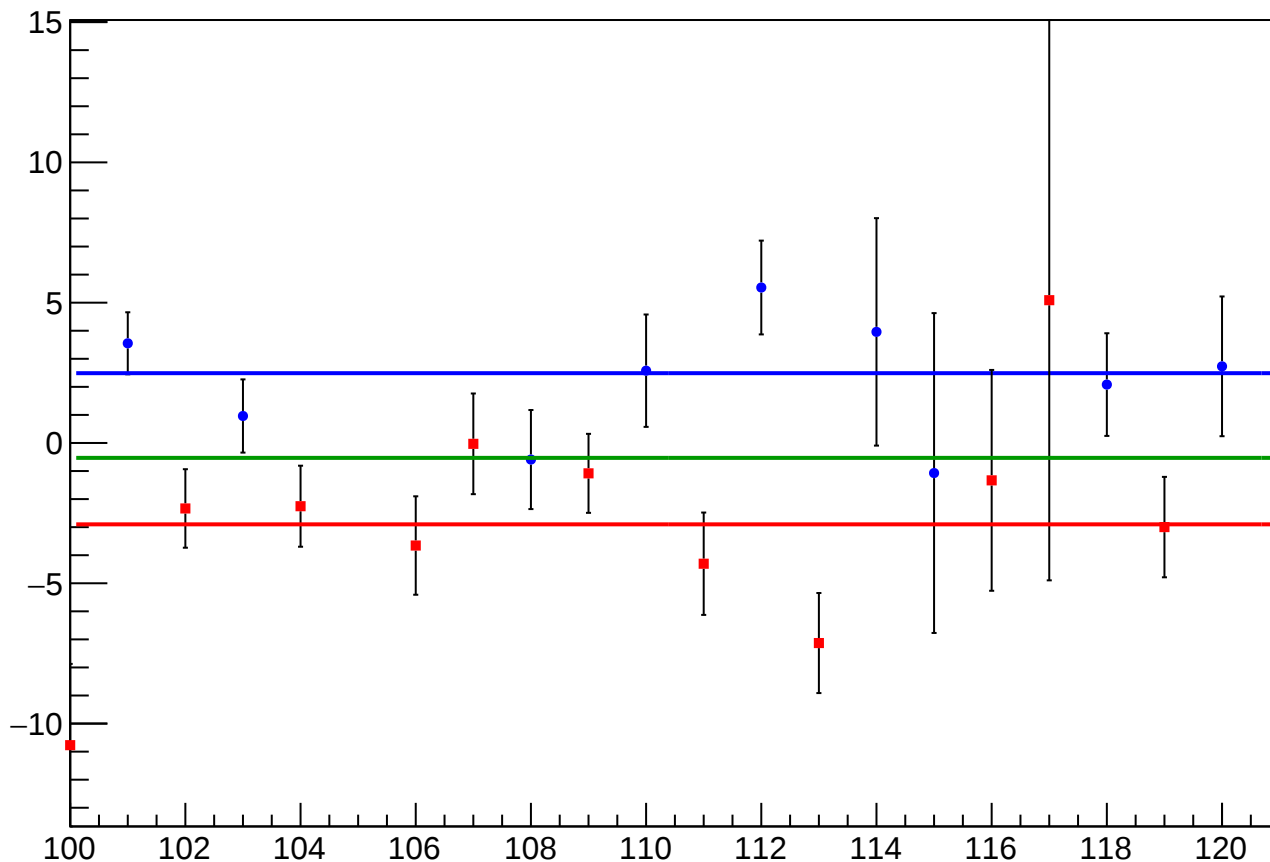
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-65.434+/-0.313 χ^2/NDF : 1335.8/8

3.022+/-0.217 χ^2/NDF : 94989.6/20

66.214+/-0.301 χ^2/NDF : 1882.6/11

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.487+/-0.589 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.900+/-0.522 χ^2/NDF : 19.5/11

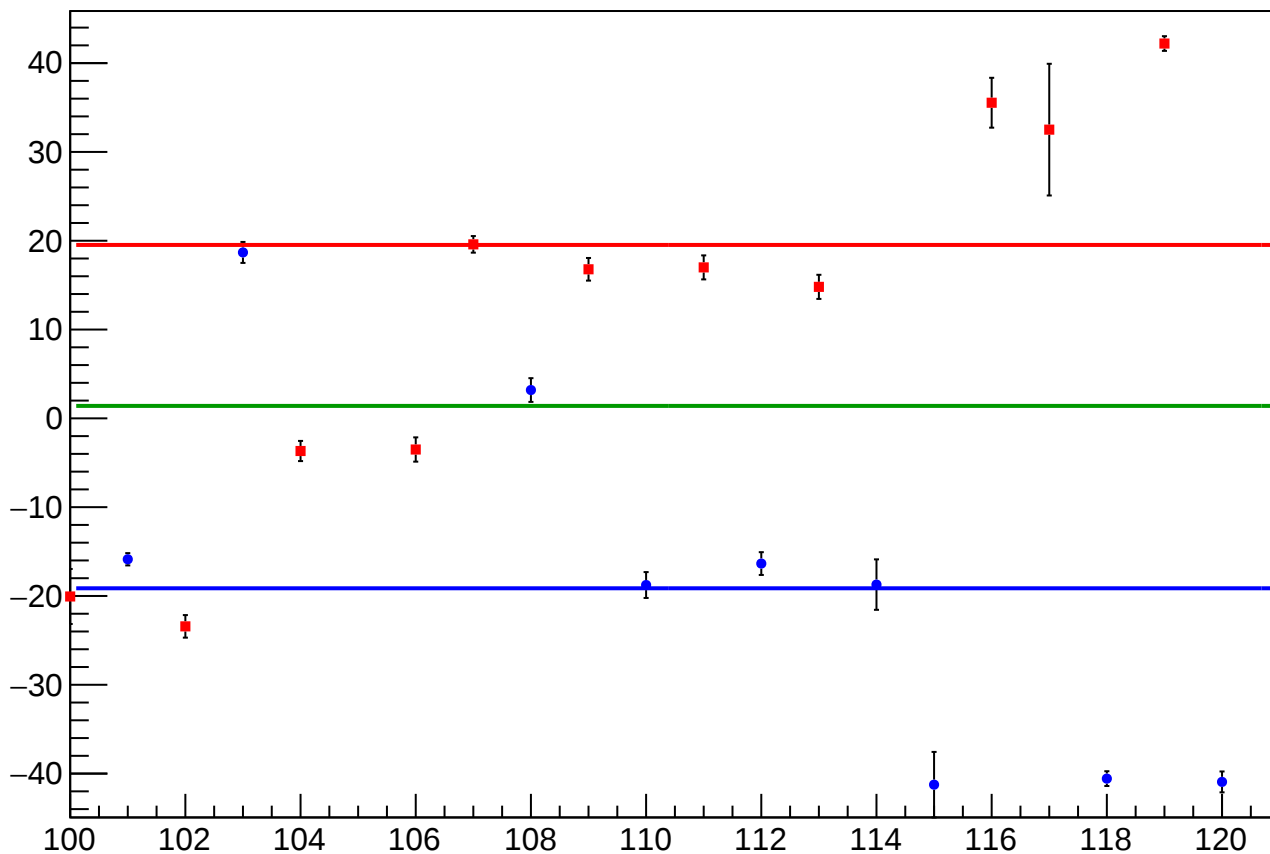
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.487+/-0.589 χ^2/NDF : 9.3/8

-0.531+/-0.390 χ^2/NDF : 75.7/20

-2.900+/-0.522 χ^2/NDF : 19.5/11

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -19.134 ± 0.383 $\chi^2/\text{NDF}: 2375.5/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 19.527 ± 0.360 $\chi^2/\text{NDF}: 3608.3/11$

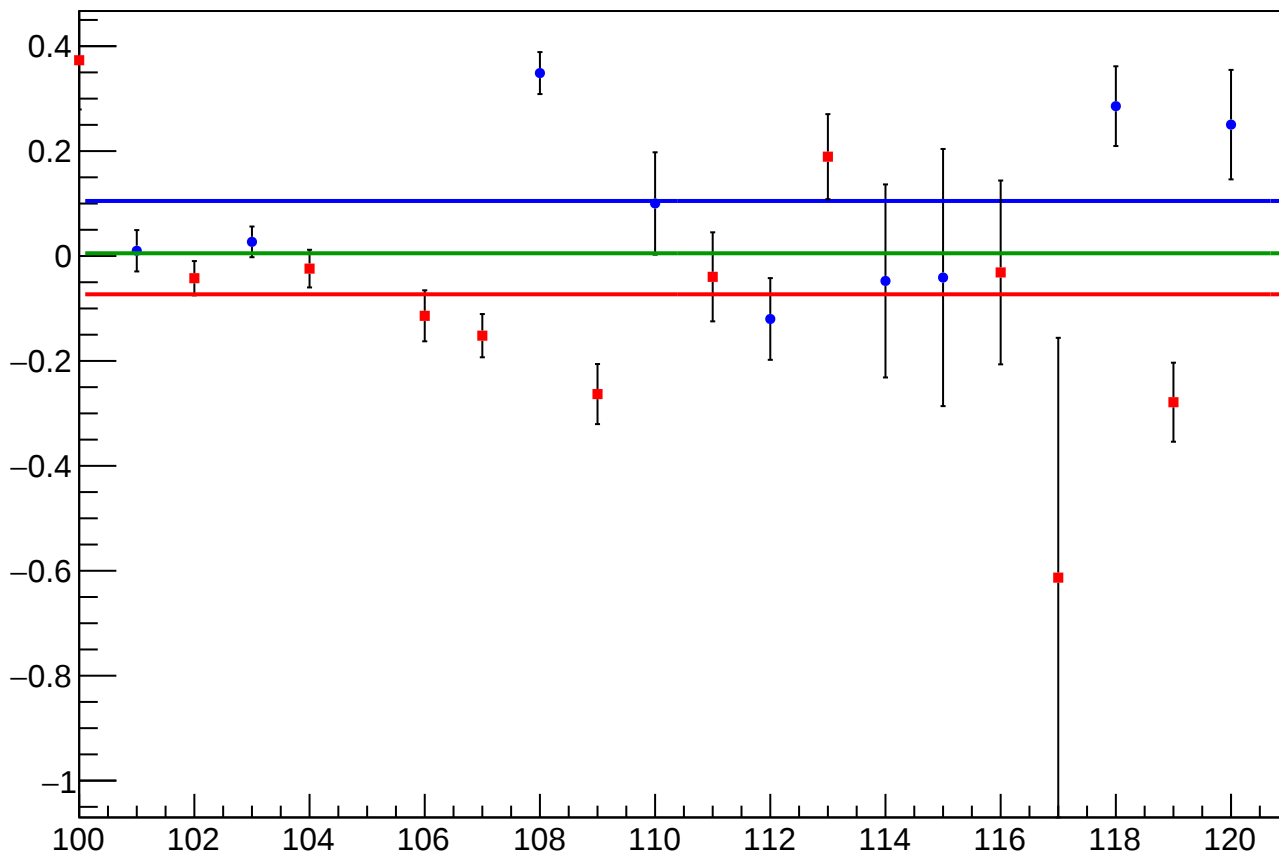
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-19.134 ± 0.383 $\chi^2/\text{NDF}: 2375.5/8$

1.402 ± 0.262 $\chi^2/\text{NDF}: 11391.2/20$

19.527 ± 0.360 $\chi^2/\text{NDF}: 3608.3/11$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 $\pm$ 0.018 χ^2 /NDF: 67.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.073 $\pm$ 0.016 χ^2 /NDF: 60.3/11

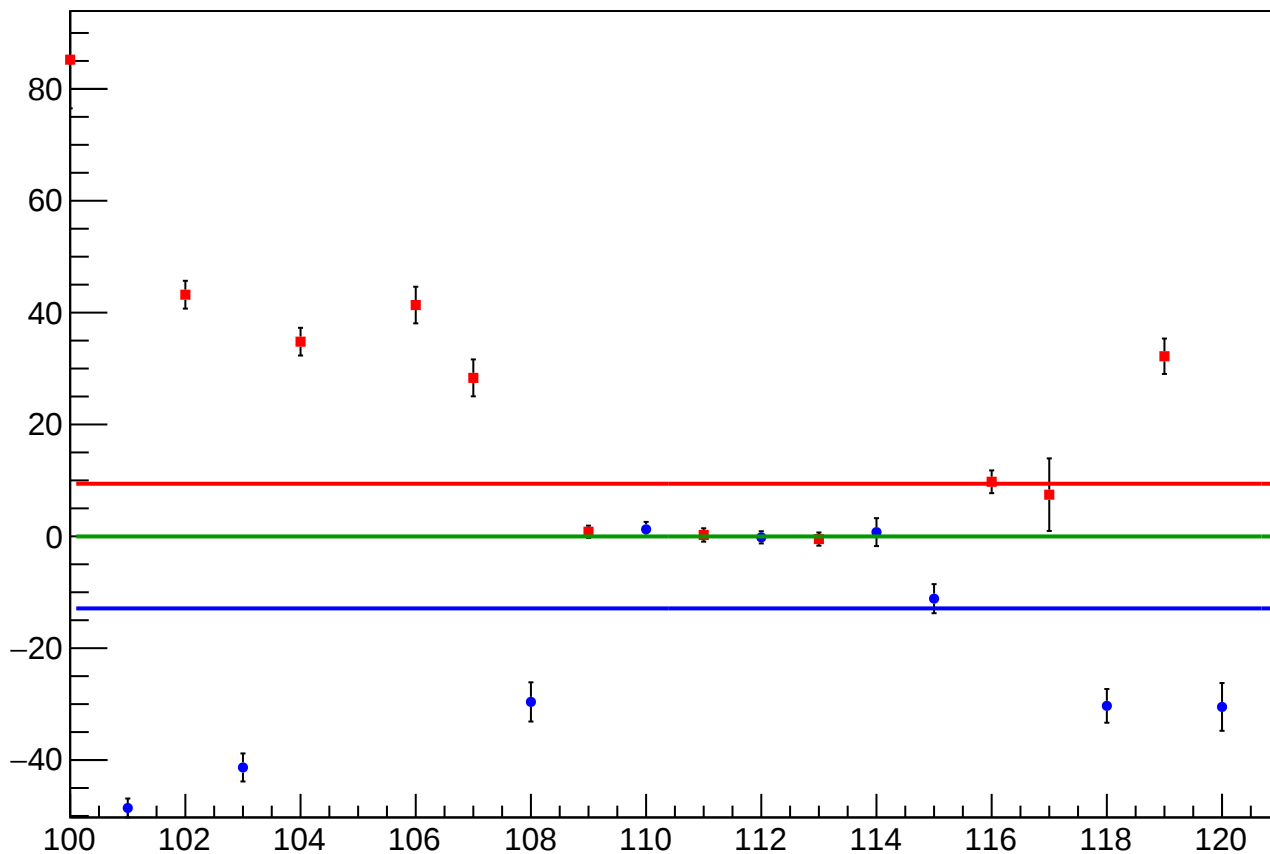
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.105 $\pm$ 0.018 χ^2 /NDF: 67.0/8

0.005 $\pm$ 0.012 χ^2 /NDF: 180.9/20

-0.073 $\pm$ 0.016 χ^2 /NDF: 60.3/11

reg_asym_sam_37_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -12.888 $\pm$ 0.636 χ^2 /NDF: 926.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.404 $\pm$ 0.544 χ^2 /NDF: 777.9/11

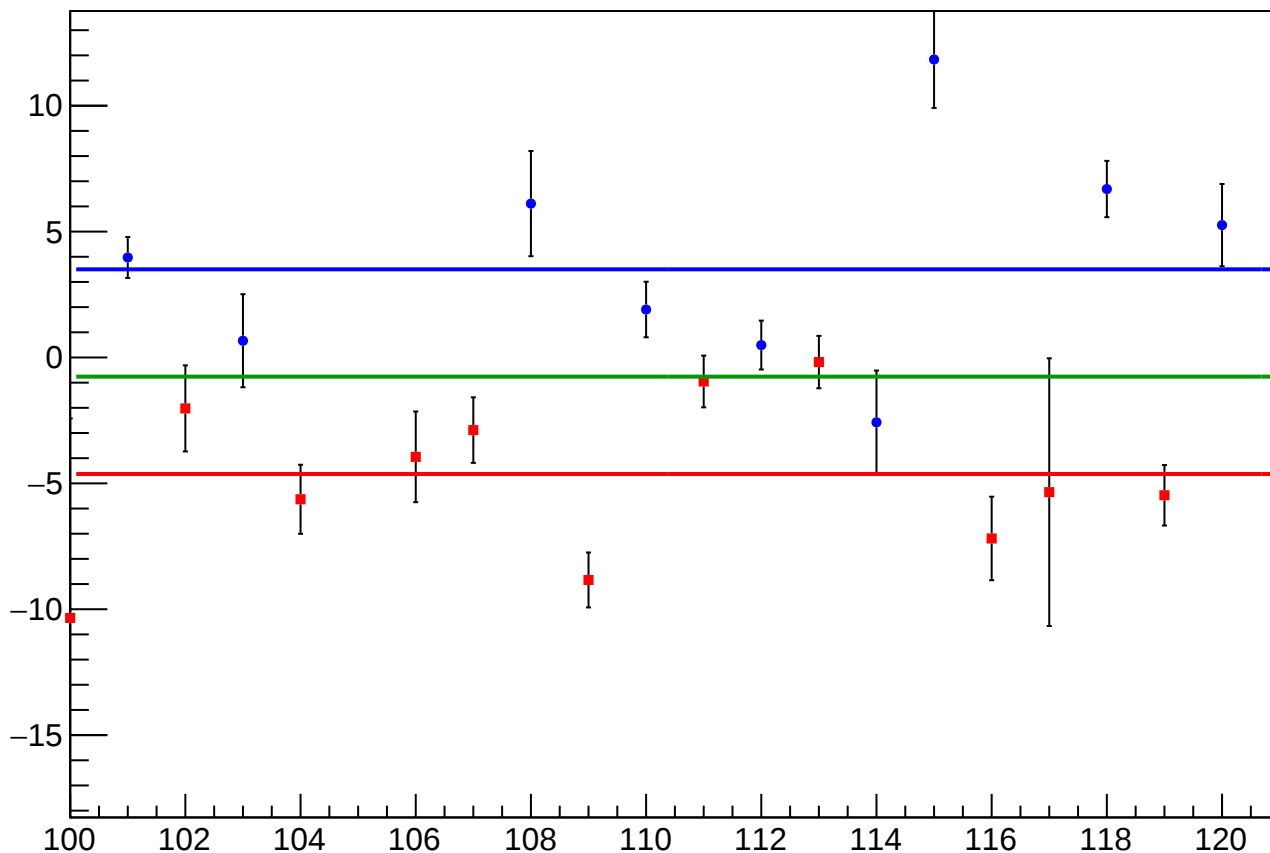
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-12.888 $\pm$ 0.636 χ^2 /NDF: 926.3/8

-0.020 $\pm$ 0.413 χ^2 /NDF: 2414.3/20

9.404 $\pm$ 0.544 χ^2 /NDF: 777.9/11

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501+/-0.423 χ^2/NDF : 52.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.628+/-0.403 χ^2/NDF : 82.1/11

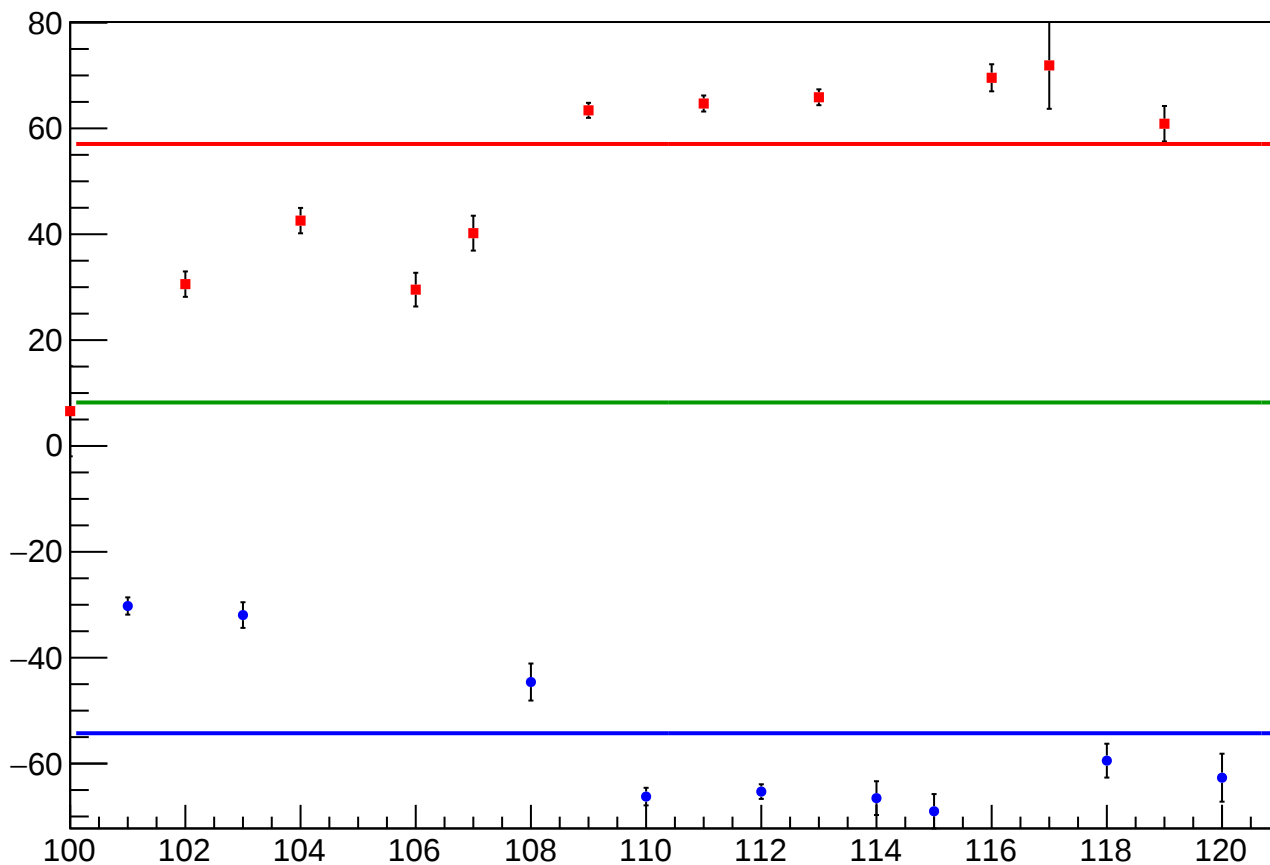
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.501+/-0.423 χ^2/NDF : 52.7/8

-0.761+/-0.292 χ^2/NDF : 328.8/20

-4.628+/-0.403 χ^2/NDF : 82.1/11

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.270 $\pm$ 0.735 χ^2 /NDF: 466.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 57.055 $\pm$ 0.650 χ^2 /NDF: 406.5/11

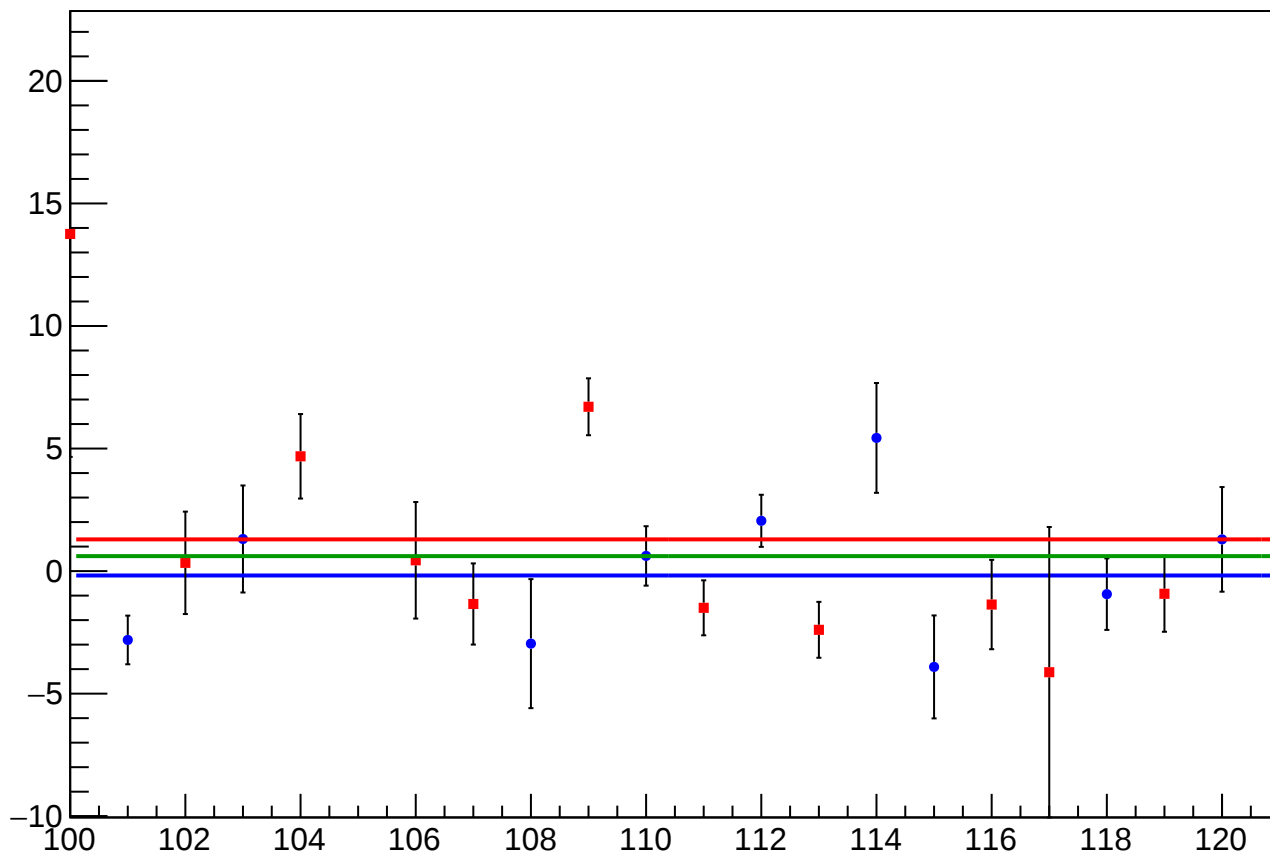
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-54.270 $\pm$ 0.735 χ^2 /NDF: 466.5/8

8.215 $\pm$ 0.487 χ^2 /NDF: 13758.5/20

57.055 $\pm$ 0.650 χ^2 /NDF: 406.5/11

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.180 ± 0.497 χ^2/NDF : 23.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.294 ± 0.462 χ^2/NDF : 69.1/11

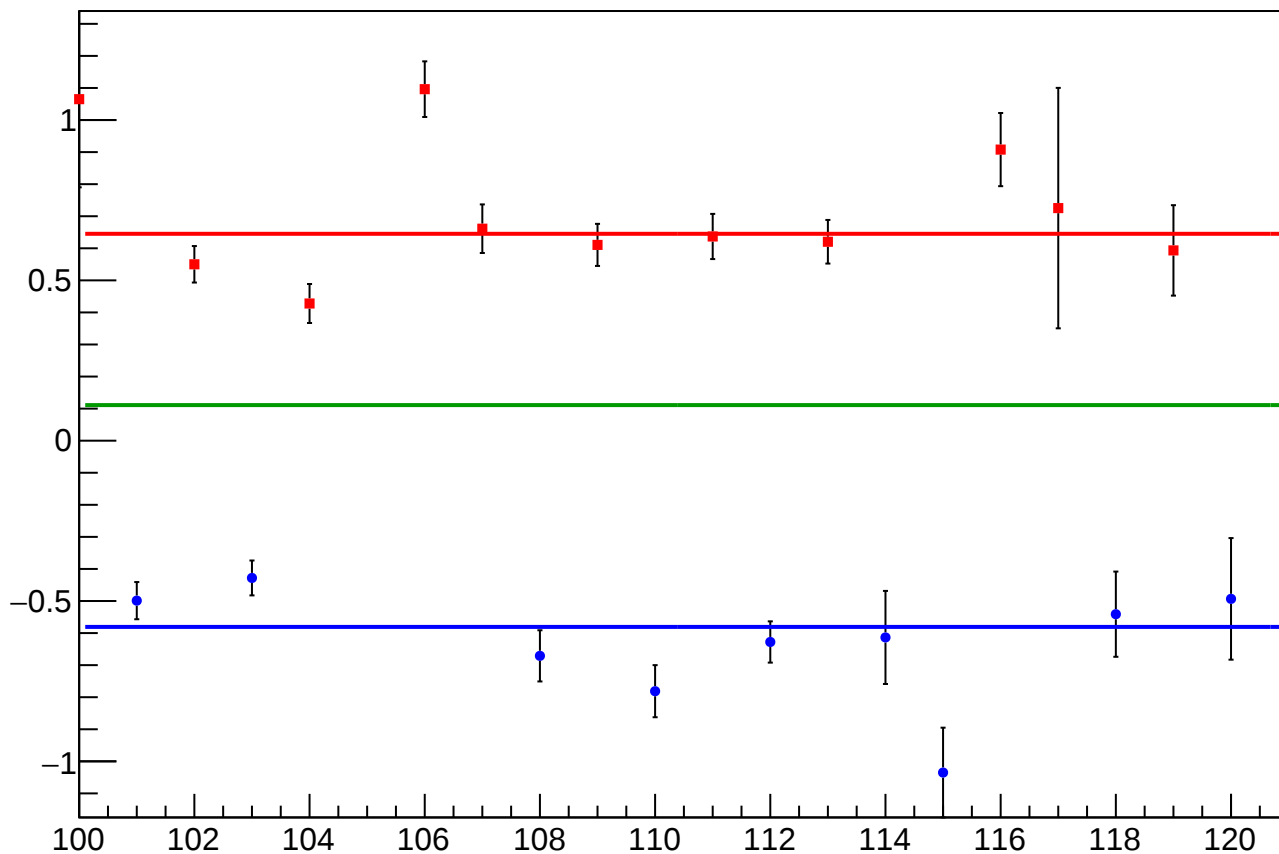
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.180 ± 0.497 χ^2/NDF : 23.6/8

0.611 ± 0.338 χ^2/NDF : 97.5/20

1.294 ± 0.462 χ^2/NDF : 69.1/11

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.581±/0.027 χ^2 /NDF: 28.7/8

Left Out: 0.000±/0.000 χ^2 /NDF:0.0/0

Right Out: 0.645±/0.024 χ^2 /NDF: 54.1/11

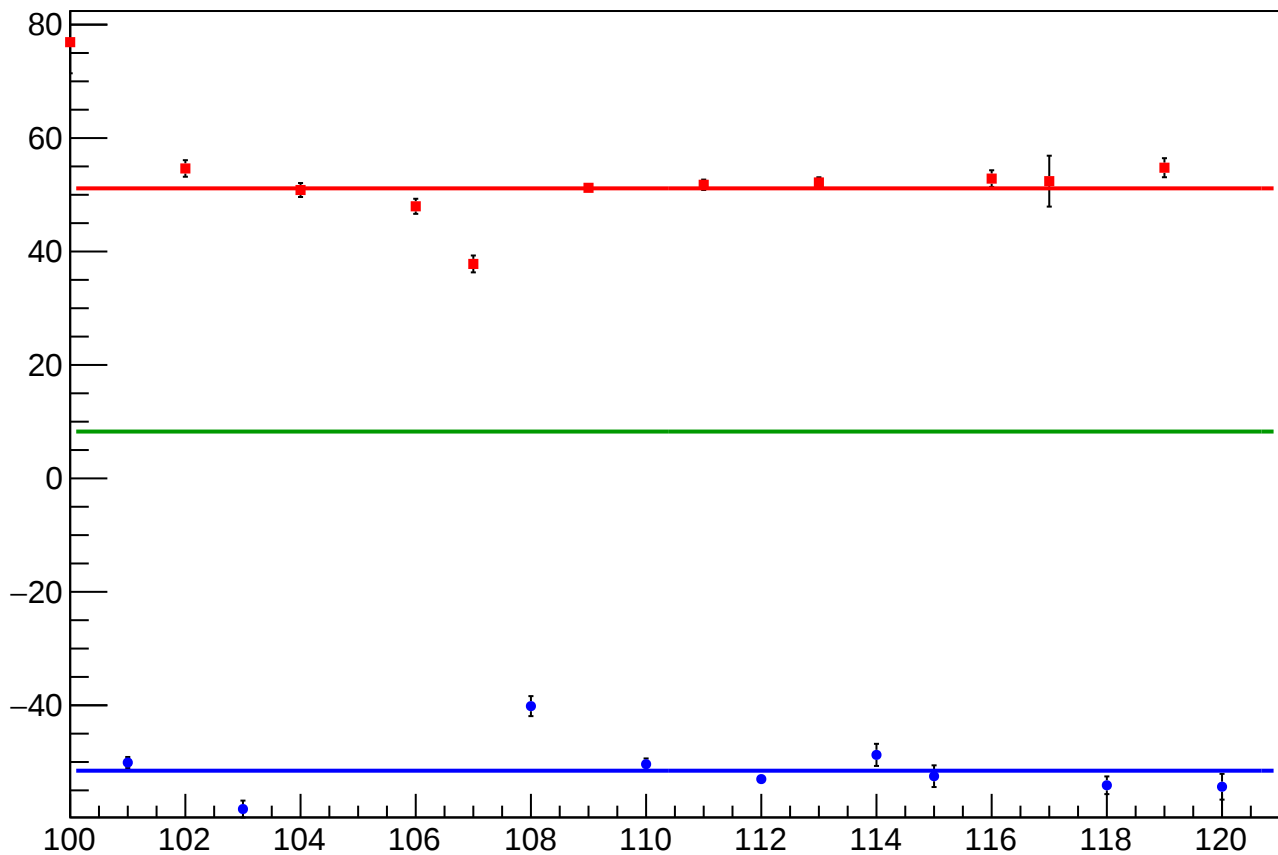
Left In: 0.000±/0.000 χ^2 /NDF:0.0/0

-0.581±/0.027 χ^2 /NDF: 28.7/8

0.111±/0.018 χ^2 /NDF: 1243.2/20

0.645±/0.024 χ^2 /NDF: 54.1/11

reg_asym_sam_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -51.533 ± 0.432 $\chi^2/\text{NDF}: 75.5/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 51.133 ± 0.366 $\chi^2/\text{NDF}: 123.8/11$

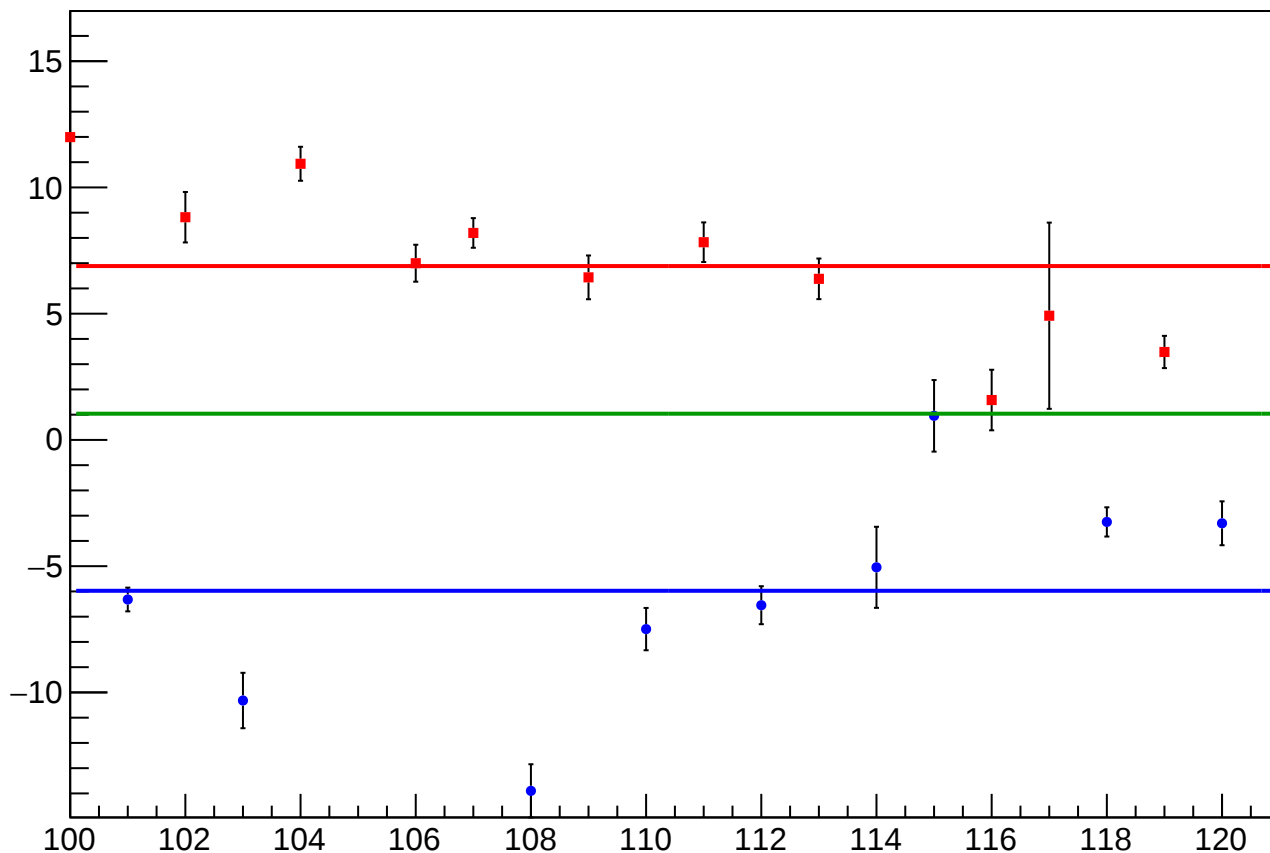
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-51.533 ± 0.432 $\chi^2/\text{NDF}: 75.5/8$

8.259 ± 0.279 $\chi^2/\text{NDF}: 33021.1/20$

51.133 ± 0.366 $\chi^2/\text{NDF}: 123.8/11$

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.975+/-0.261 χ^2/NDF : 132.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.886+/-0.239 χ^2/NDF : 101.5/11

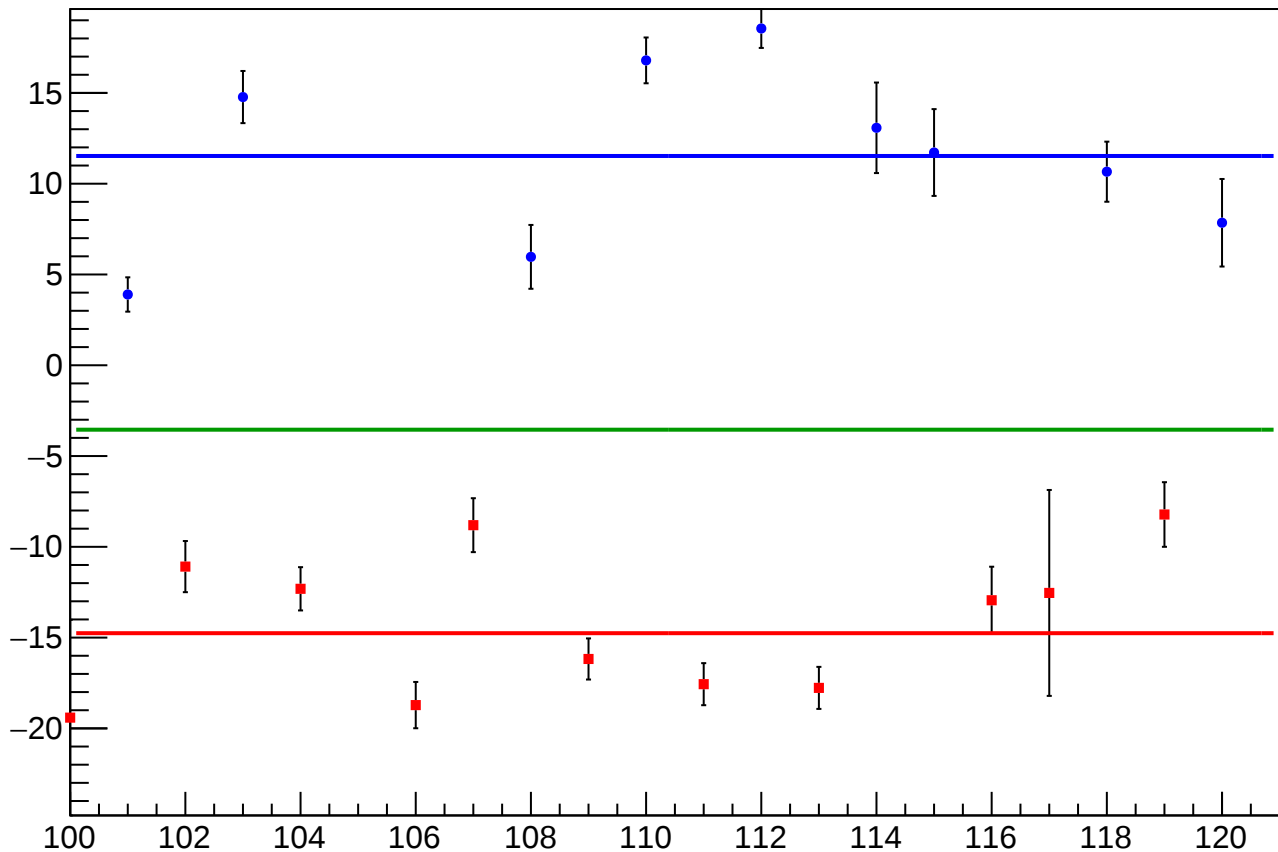
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.975+/-0.261 χ^2/NDF : 132.5/8

1.039+/-0.176 χ^2/NDF : 1554.4/20

6.886+/-0.239 χ^2/NDF : 101.5/11

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.527 ± 0.482 $\chi^2/\text{NDF}: 143.6/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -14.757 ± 0.416 $\chi^2/\text{NDF}: 67.7/11$

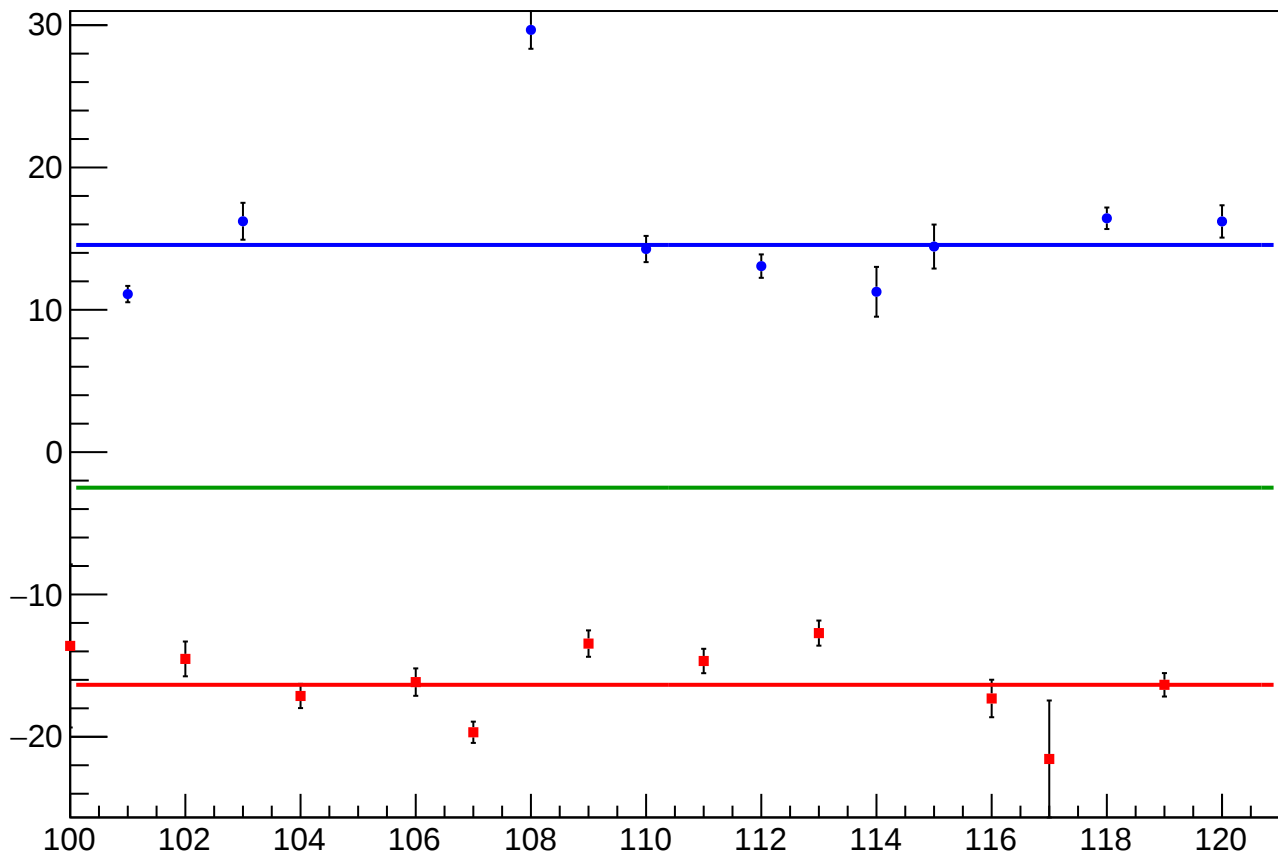
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

11.527 ± 0.482 $\chi^2/\text{NDF}: 143.6/8$

-3.549 ± 0.315 $\chi^2/\text{NDF}: 1914.9/20$

-14.757 ± 0.416 $\chi^2/\text{NDF}: 67.7/11$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 14.558 $\pm$ 0.314 χ^2 /NDF: 182.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -16.347 $\pm$ 0.283 χ^2 /NDF: 65.4/11

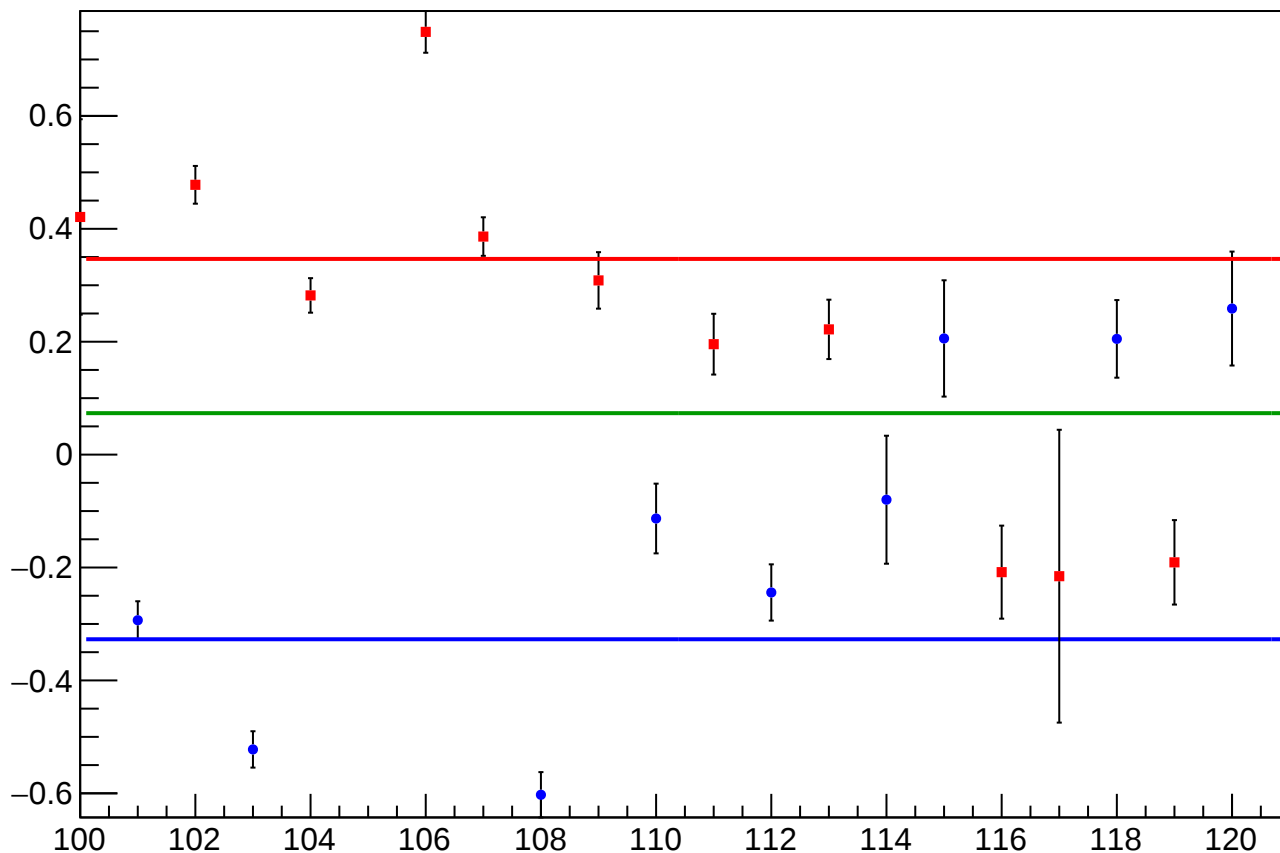
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

14.558 $\pm$ 0.314 χ^2 /NDF: 182.6/8

-2.496 $\pm$ 0.210 χ^2 /NDF: 5584.5/20

-16.347 $\pm$ 0.283 χ^2 /NDF: 65.4/11

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.327+/-0.017 χ^2/NDF : 224.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.347+/-0.014 χ^2/NDF : 279.6/11

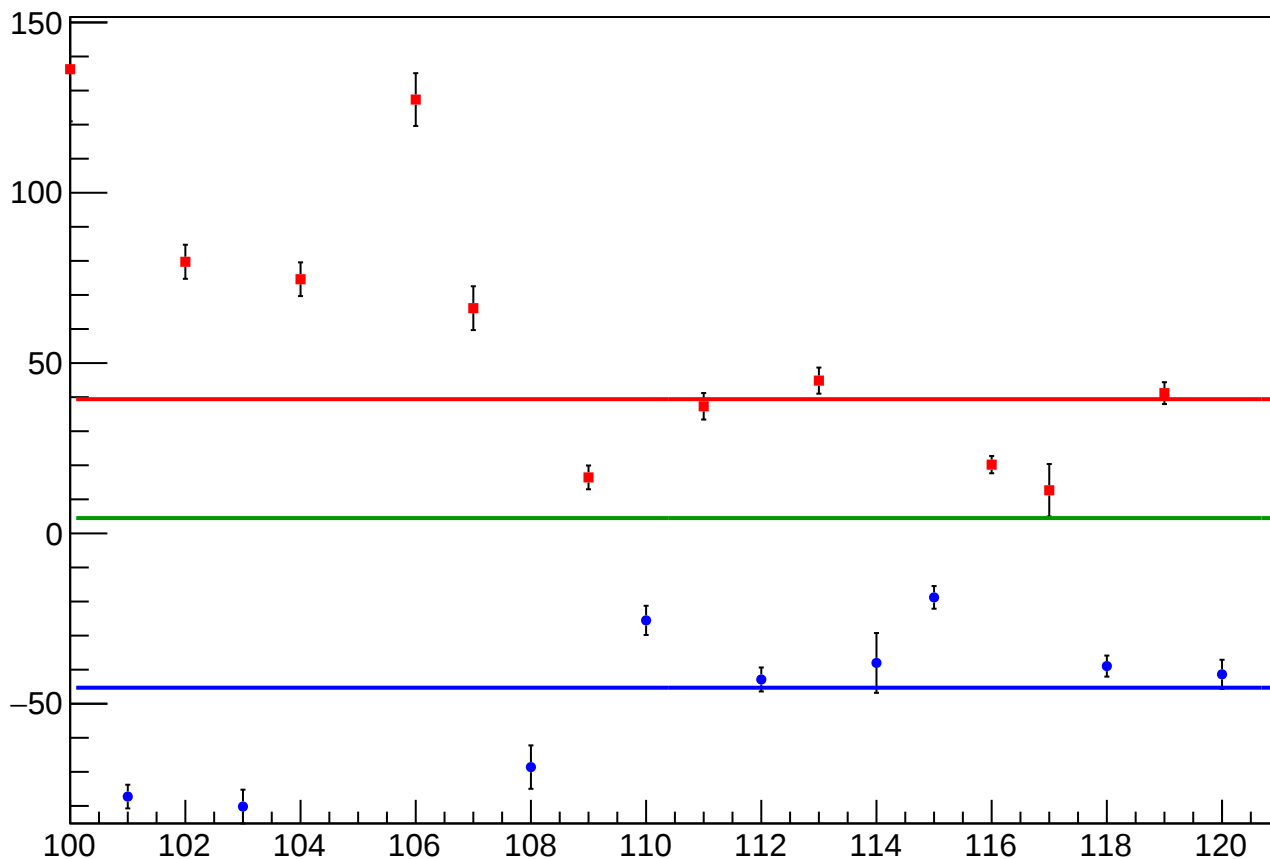
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.327+/-0.017 χ^2/NDF : 224.6/8

0.073+/-0.011 χ^2/NDF : 1480.2/20

0.347+/-0.014 χ^2/NDF : 279.6/11

reg_asym_sam_26_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -45.295+/-1.353 χ^2/NDF : 238.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.410+/-1.133 χ^2/NDF : 419.8/11

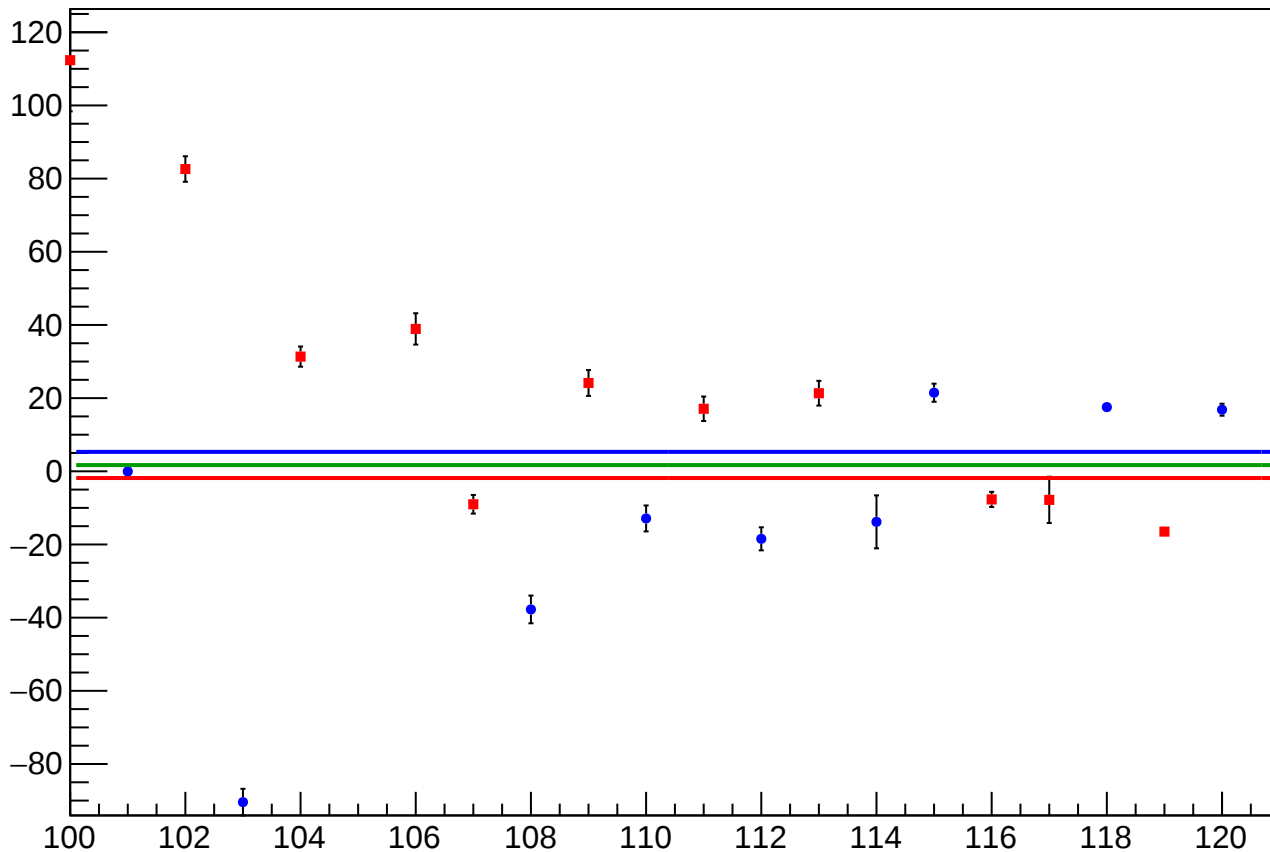
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-45.295+/-1.353 χ^2/NDF : 238.6/8

4.500+/-0.869 χ^2/NDF : 2962.1/20

39.410+/-1.133 χ^2/NDF : 419.8/11

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.314+/-0.709 χ^2/NDF : 1126.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.838+/-0.702 χ^2/NDF : 1314.4/11

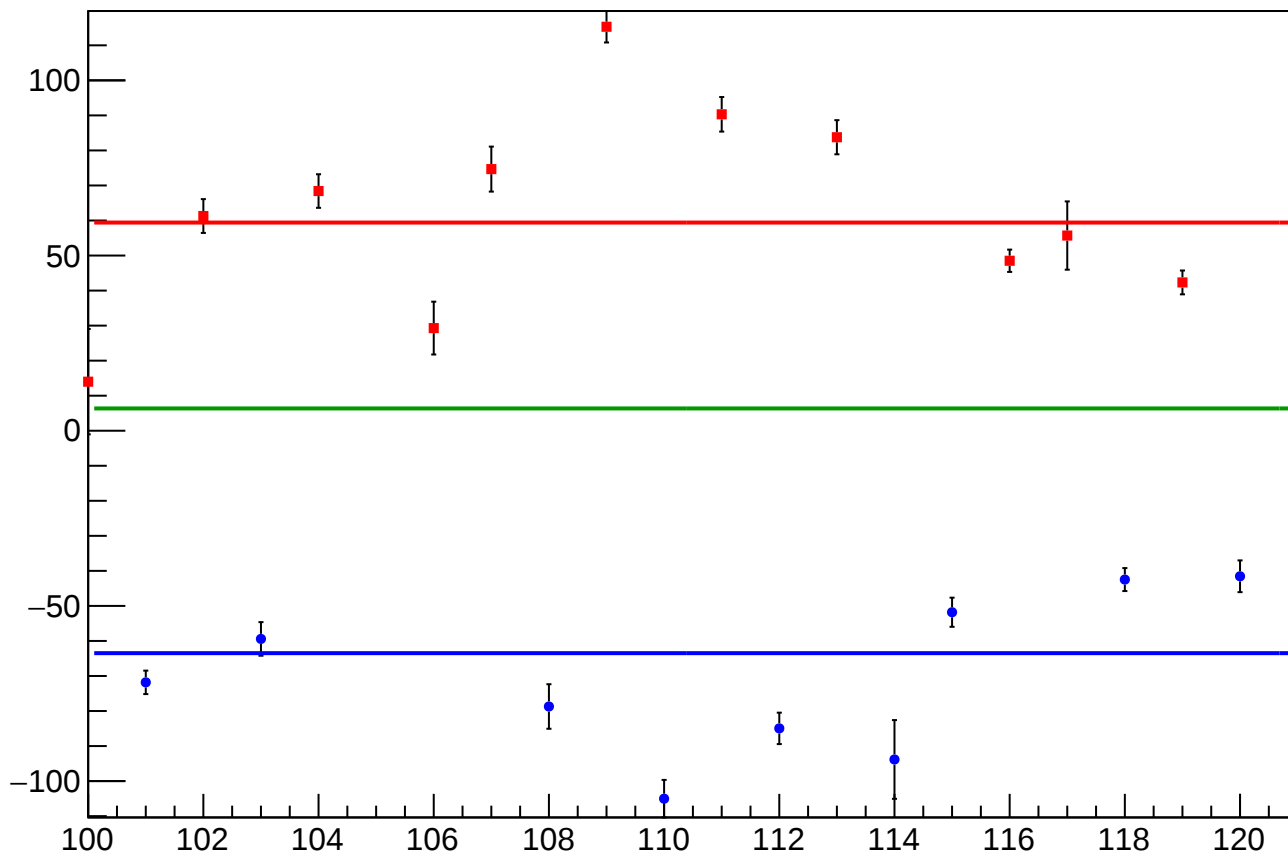
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.314+/-0.709 χ^2/NDF : 1126.4/8

1.700+/-0.499 χ^2/NDF : 2492.2/20

-1.838+/-0.702 χ^2/NDF : 1314.4/11

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -63.485 $\pm$ 1.491 χ^2 /NDF: 175.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 59.417 $\pm$ 1.300 χ^2 /NDF: 341.8/11

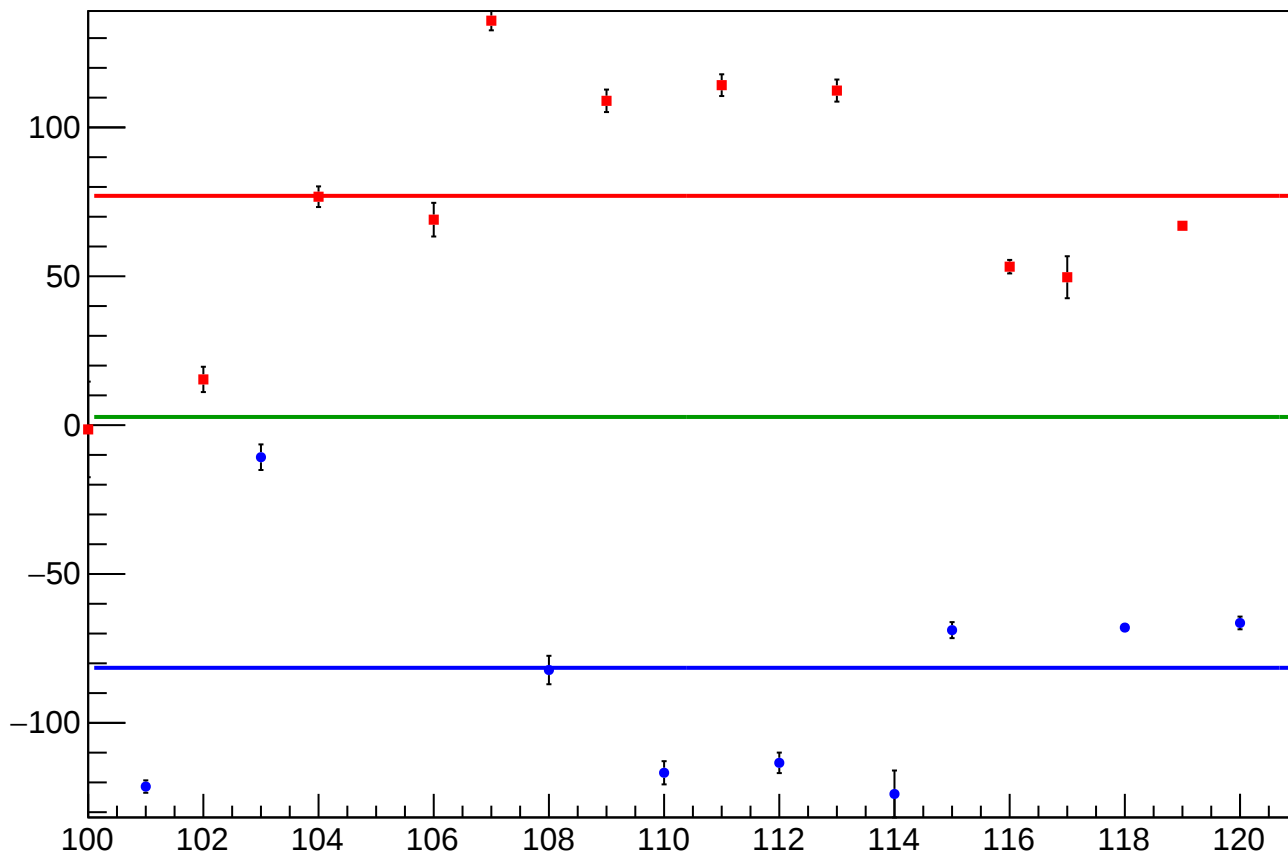
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-63.485 $\pm$ 1.491 χ^2 /NDF: 175.4/8

6.361 $\pm$ 0.980 χ^2 /NDF: 4376.6/20

59.417 $\pm$ 1.300 χ^2 /NDF: 341.8/11

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -81.509 ± 0.878 $\chi^2/\text{NDF}: 987.1/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 77.015 ± 0.824 $\chi^2/\text{NDF}: 996.7/11$

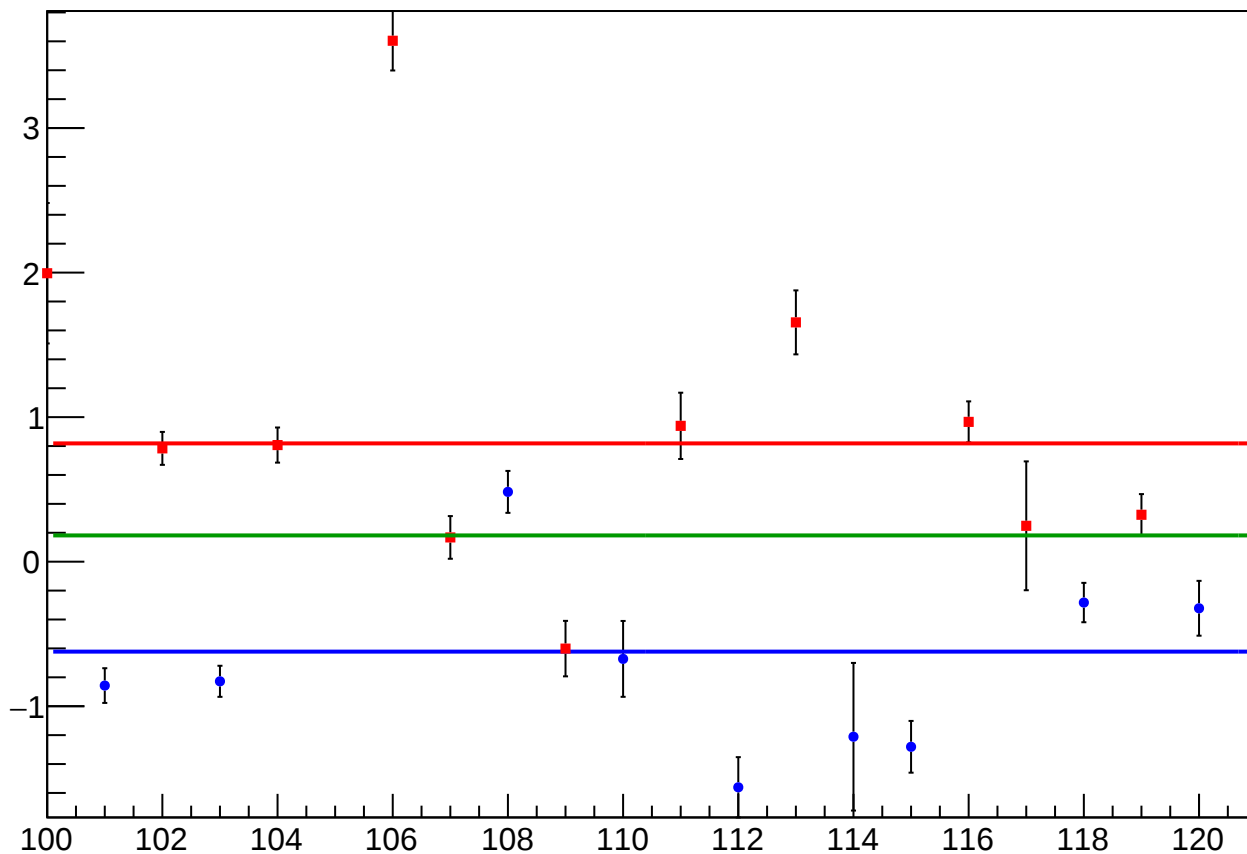
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-81.509 ± 0.878 $\chi^2/\text{NDF}: 987.1/8$

2.749 ± 0.601 $\chi^2/\text{NDF}: 19329.5/20$

77.015 ± 0.824 $\chi^2/\text{NDF}: 996.7/11$

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.622+/-0.053 χ^2/NDF : 109.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.818+/-0.047 χ^2/NDF : 292.7/11

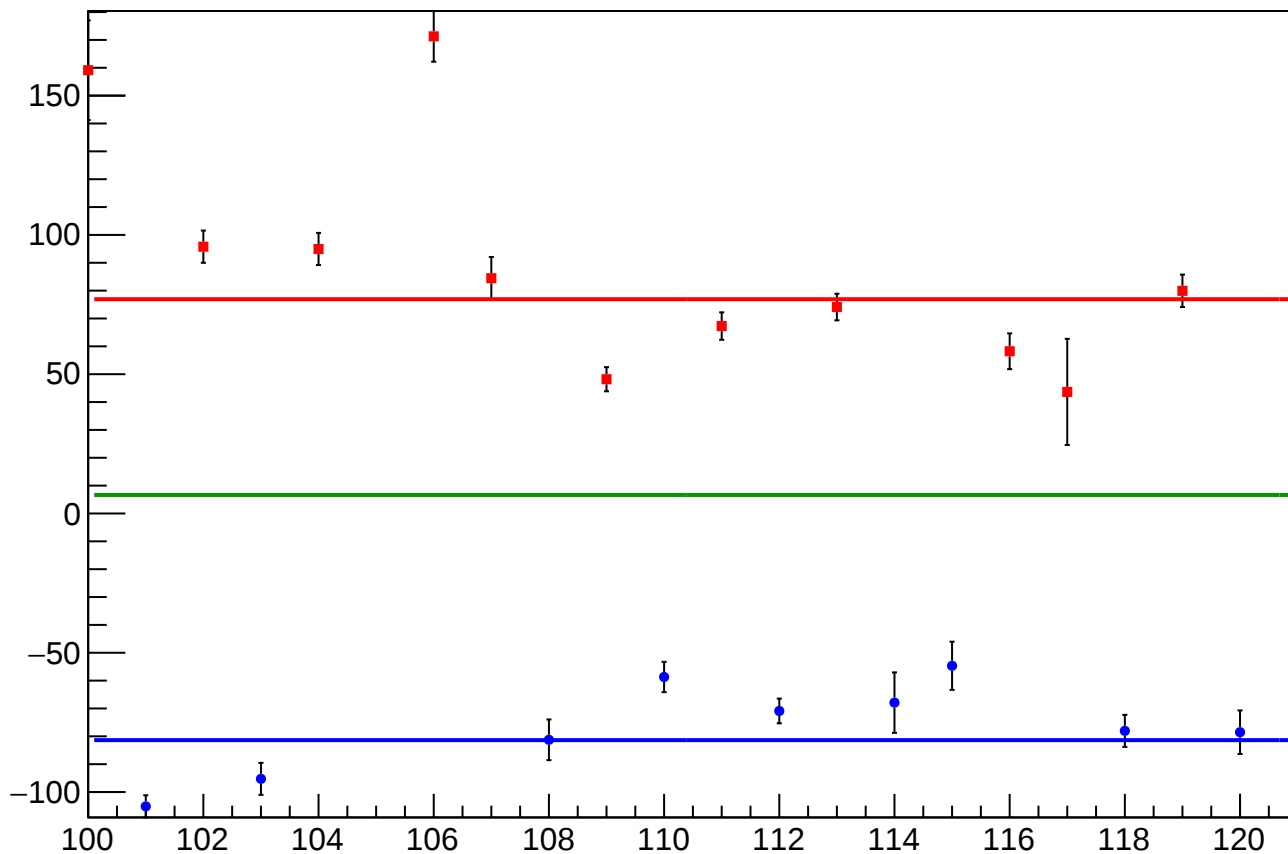
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.622+/-0.053 χ^2/NDF : 109.4/8

0.182+/-0.035 χ^2/NDF : 816.3/20

0.818+/-0.047 χ^2/NDF : 292.7/11

reg_asym_sam_26_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -81.372 ± 1.942 χ^2/NDF : 75.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 76.921 ± 1.735 χ^2/NDF : 210.1/11

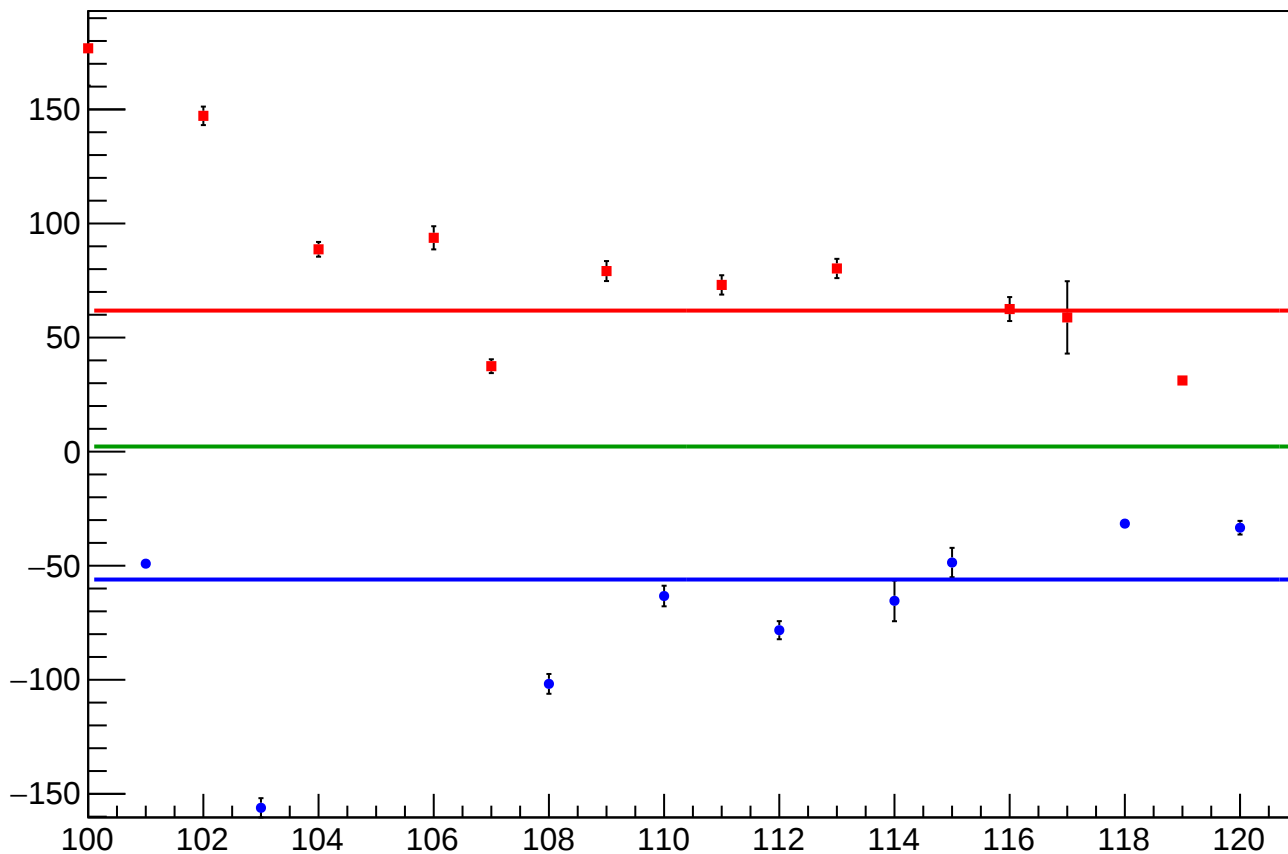
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-81.372 ± 1.942 χ^2/NDF : 75.9/8

6.642 ± 1.294 χ^2/NDF : 3982.0/20

76.921 ± 1.735 χ^2/NDF : 210.1/11

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -56.053 ± 1.084 χ^2/NDF : 910.0/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 61.830 ± 1.096 χ^2/NDF : 981.6/11

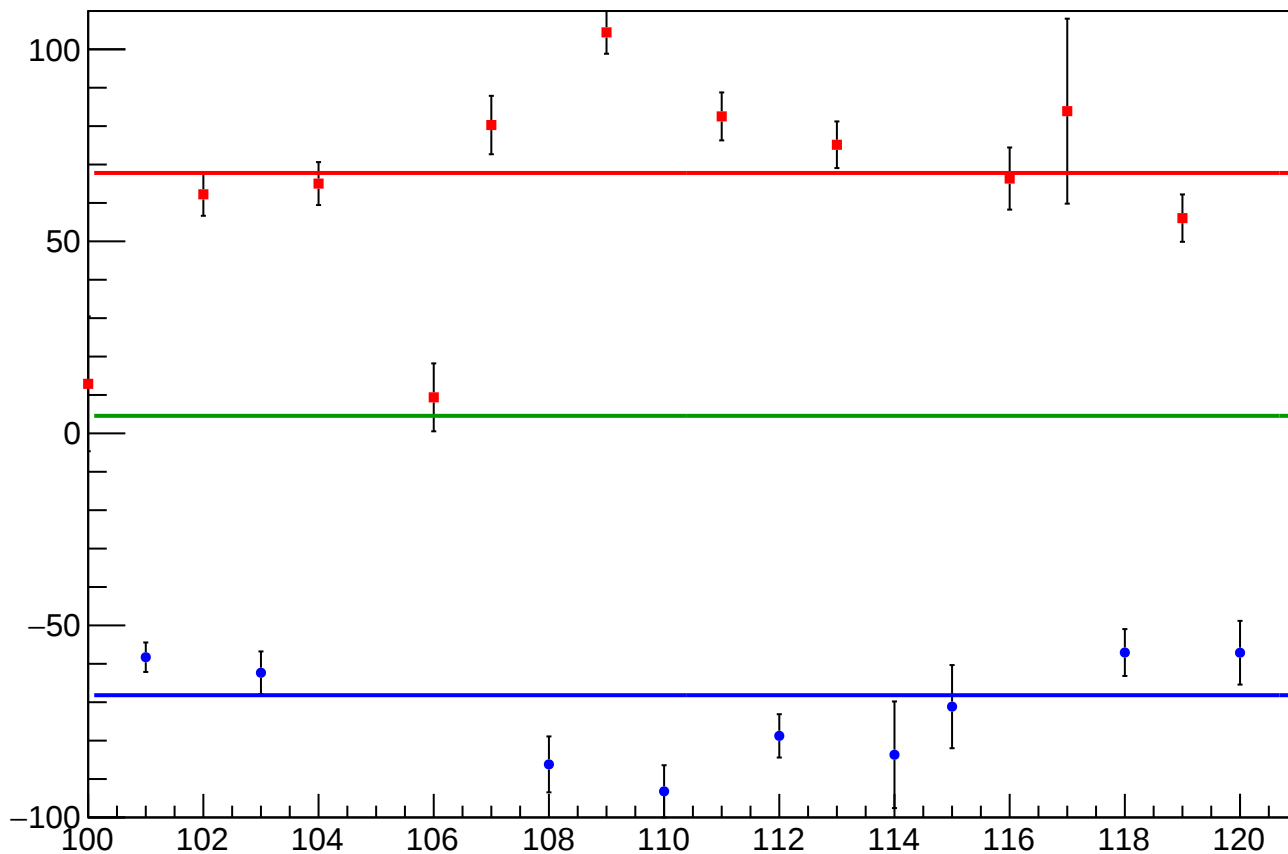
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-56.053 ± 1.084 χ^2/NDF : 910.0/8

2.246 ± 0.771 χ^2/NDF : 7736.7/20

61.830 ± 1.096 χ^2/NDF : 981.6/11

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -68.175+/-2.097 χ^2/NDF : 37.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.807+/-1.956 χ^2/NDF : 118.2/11

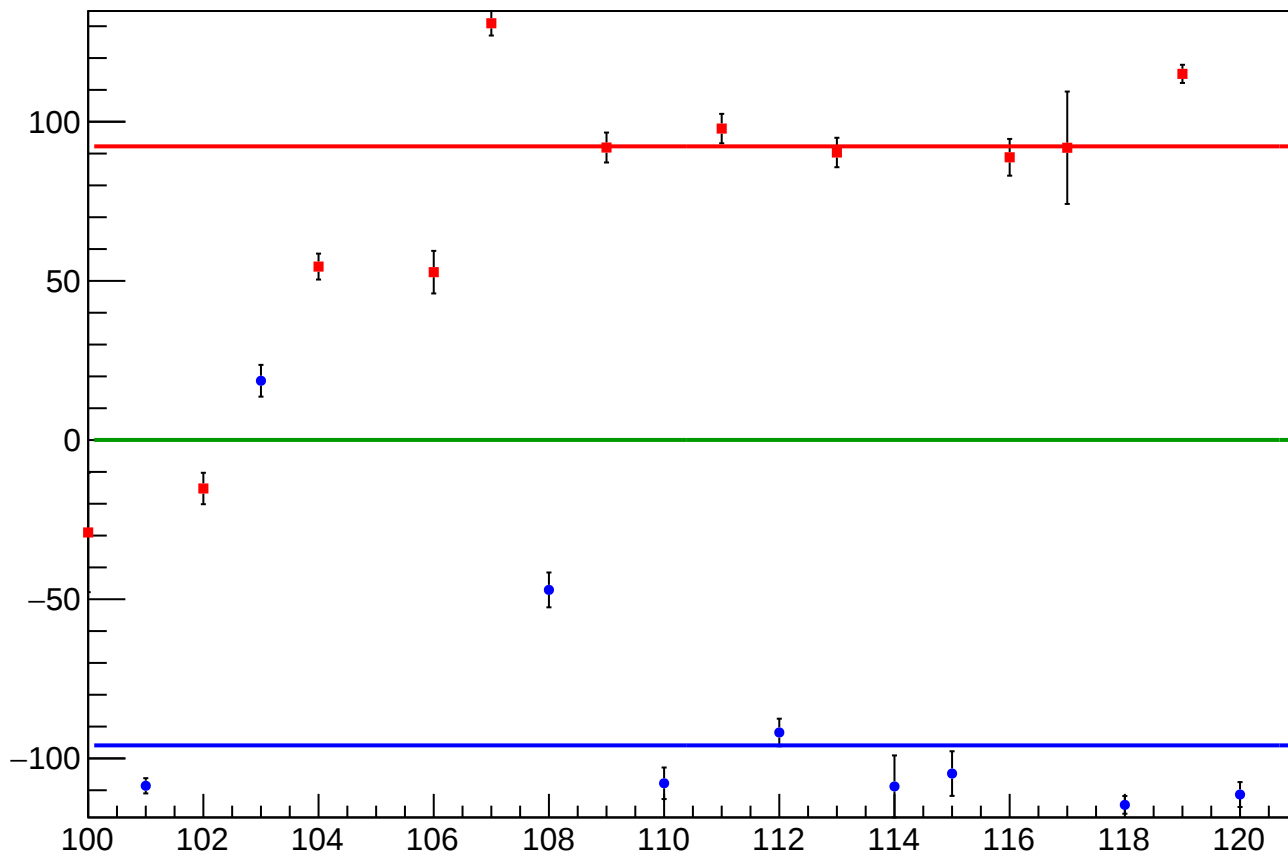
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-68.175+/-2.097 χ^2/NDF : 37.4/8

4.566+/-1.430 χ^2/NDF : 2404.2/20

67.807+/-1.956 χ^2/NDF : 118.2/11

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.904 $\pm$ 1.327 χ^2 /NDF: 704.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 92.261 $\pm$ 1.301 χ^2 /NDF: 863.4/11

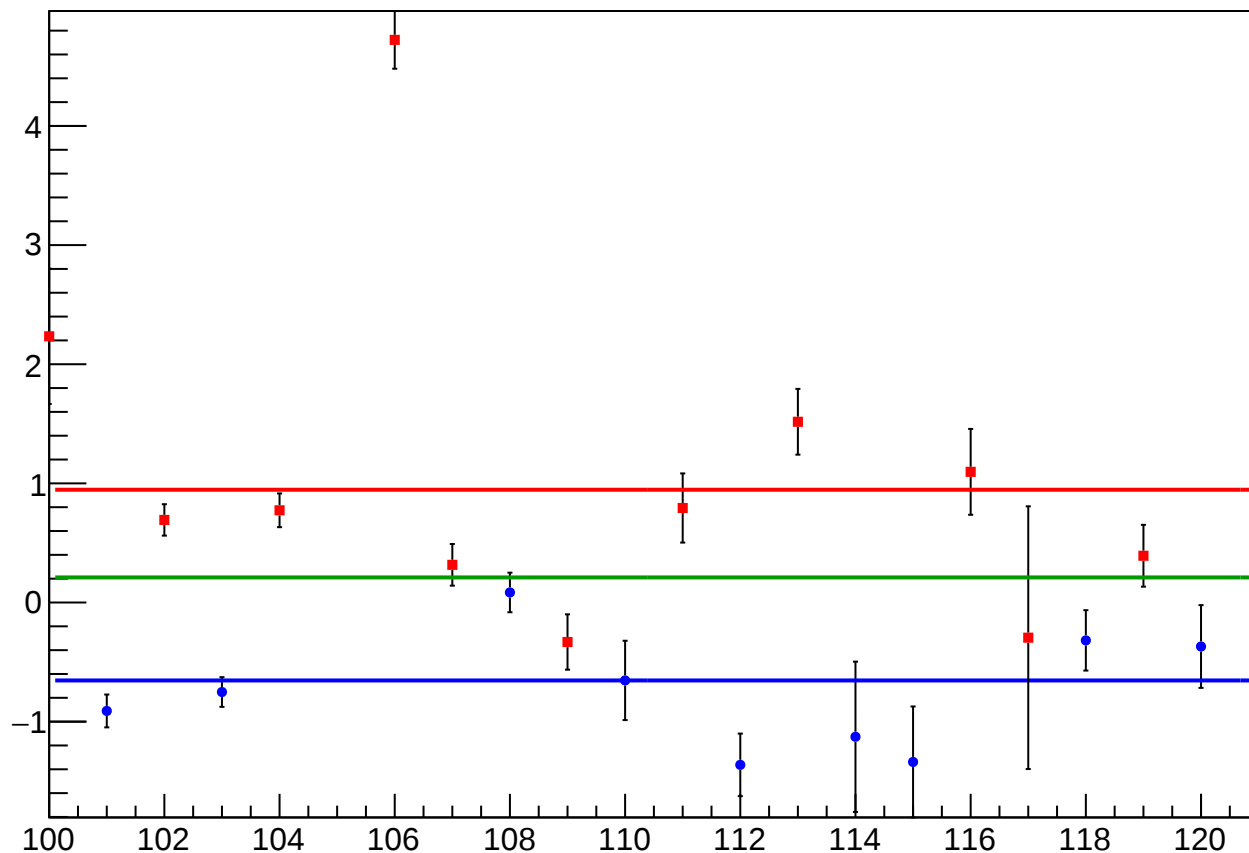
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-95.904 $\pm$ 1.327 χ^2 /NDF: 704.9/8

0.046 $\pm$ 0.929 χ^2 /NDF: 11819.3/20

92.261 $\pm$ 1.301 χ^2 /NDF: 863.4/11

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.654 ± 0.069 $\chi^2/\text{NDF}: 36.3/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.947 ± 0.064 $\chi^2/\text{NDF}: 307.4/11$

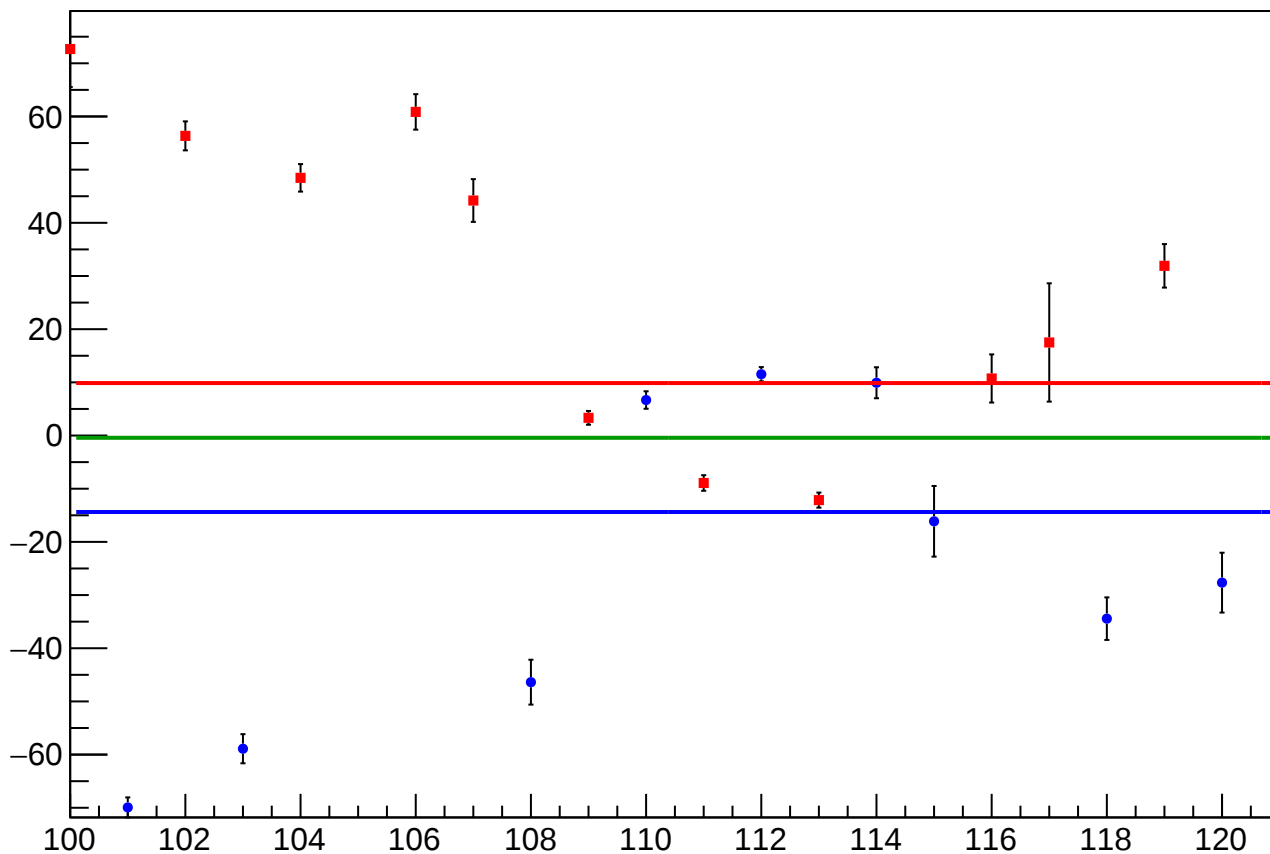
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.654 ± 0.069 $\chi^2/\text{NDF}: 36.3/8$

0.211 ± 0.047 $\chi^2/\text{NDF}: 631.5/20$

0.947 ± 0.064 $\chi^2/\text{NDF}: 307.4/11$

reg_asym_sam_48_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -14.380+/-0.783 χ^2/NDF : 1827.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.868+/-0.672 χ^2/NDF : 1424.5/11

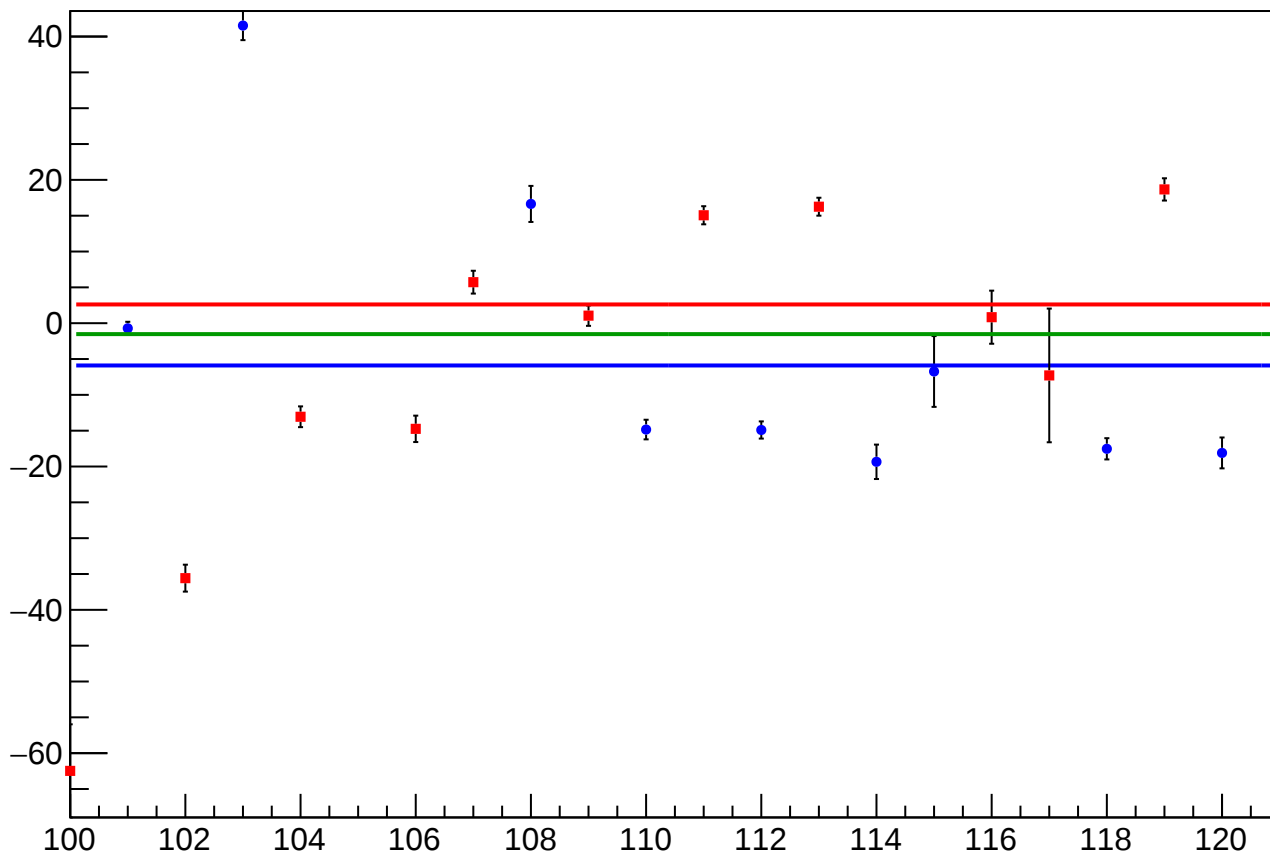
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-14.380+/-0.783 χ^2/NDF : 1827.8/8

-0.424+/-0.510 χ^2/NDF : 3804.4/20

9.868+/-0.672 χ^2/NDF : 1424.5/11

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.900+/-0.518 χ^2/NDF : 881.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.615+/-0.504 χ^2/NDF : 1060.3/11

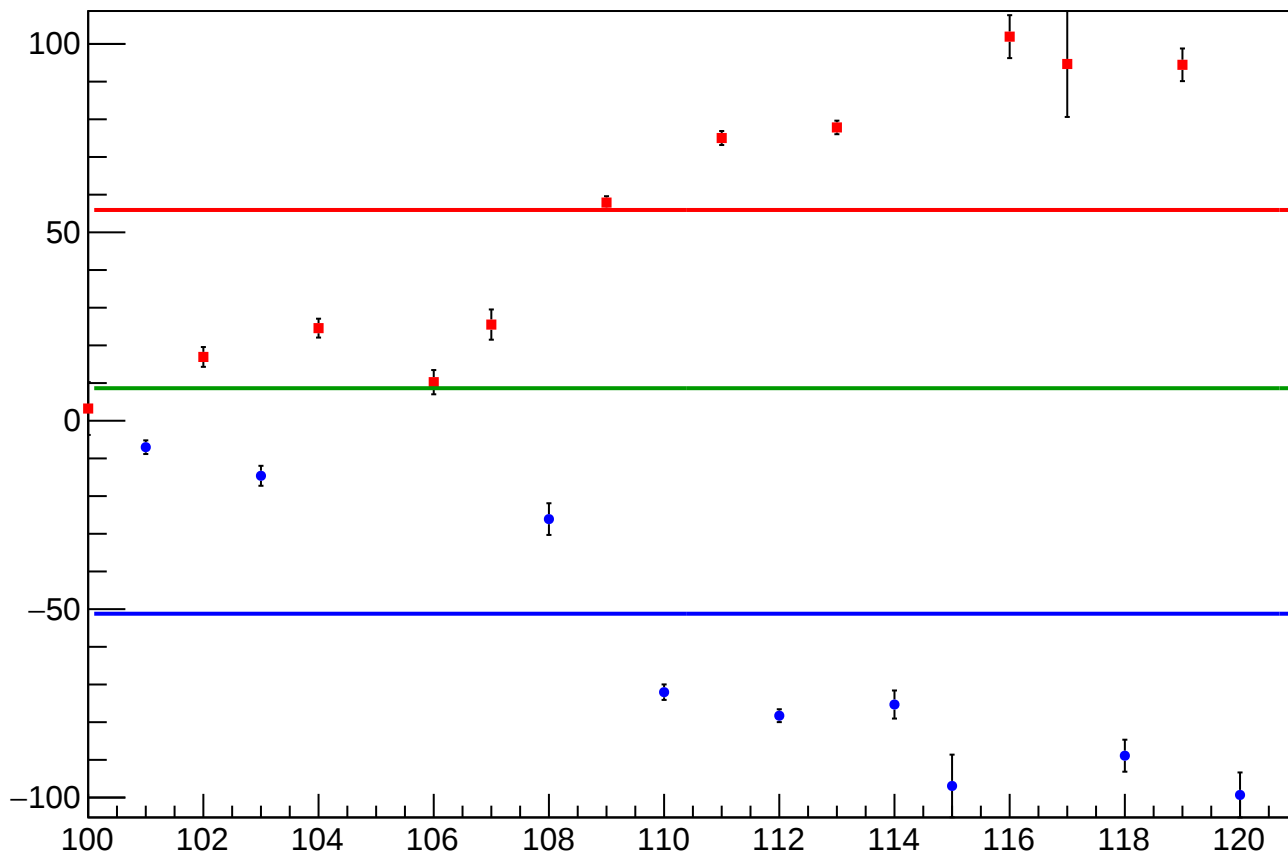
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.900+/-0.518 χ^2/NDF : 881.7/8

-1.524+/-0.361 χ^2/NDF : 2080.7/20

2.615+/-0.504 χ^2/NDF : 1060.3/11

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -51.215 $\pm$ 0.894 χ^2 /NDF: 1387.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 55.937 $\pm$ 0.795 χ^2 /NDF: 1128.0/11

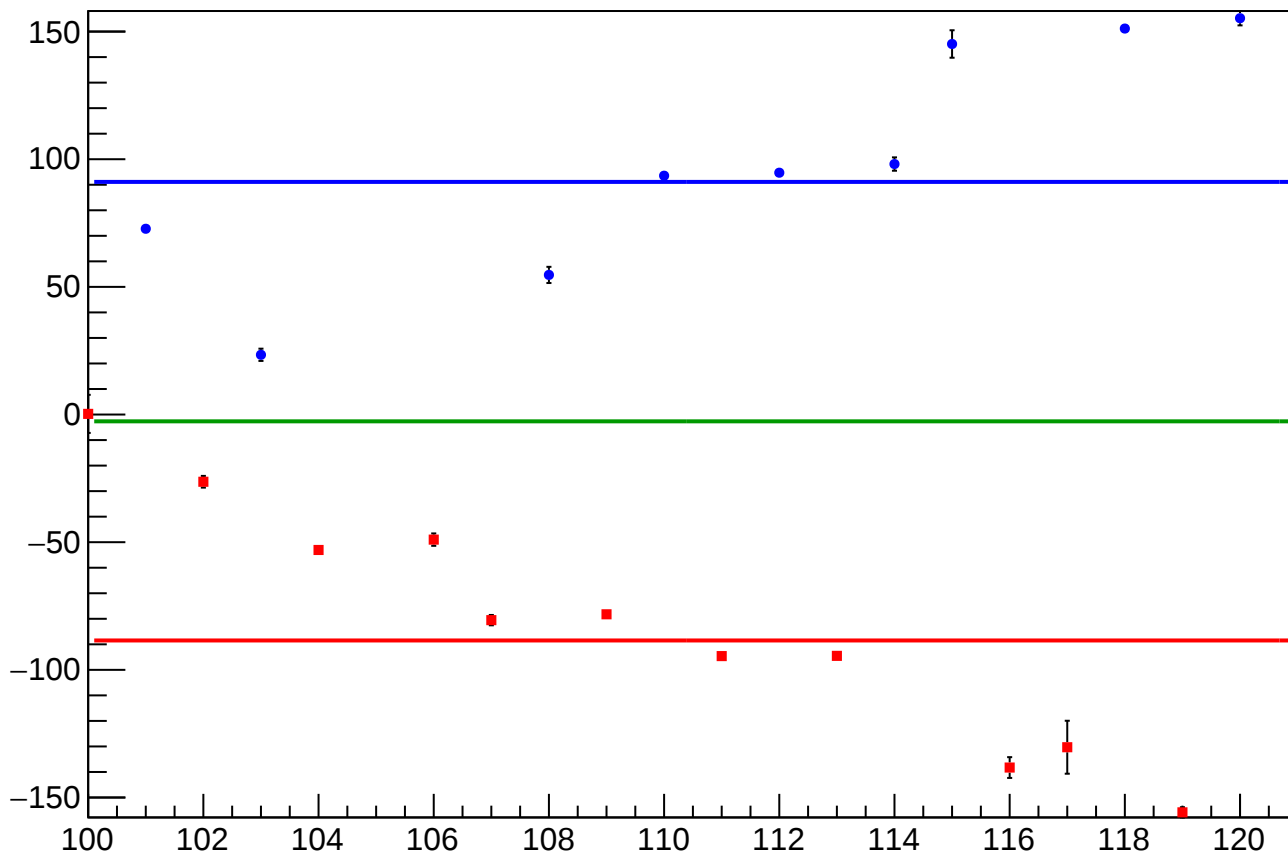
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-51.215 $\pm$ 0.894 χ^2 /NDF: 1387.7/8

8.637 $\pm$ 0.594 χ^2 /NDF: 10540.0/20

55.937 $\pm$ 0.795 χ^2 /NDF: 1128.0/11

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 91.117+/-0.610 χ^2/NDF : 2803.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -88.489+/-0.584 χ^2/NDF : 3561.9/11

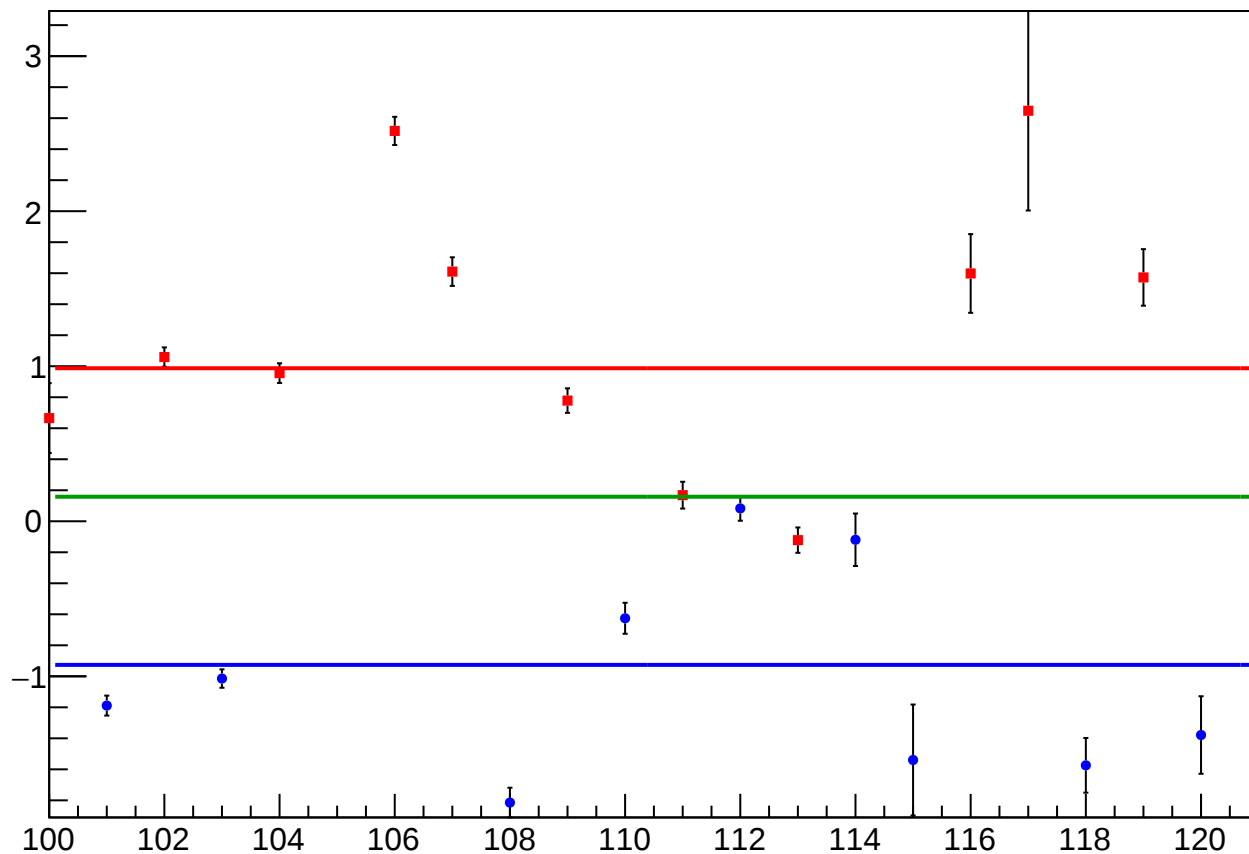
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

91.117+/-0.610 χ^2/NDF : 2803.9/8

-2.662+/-0.422 χ^2/NDF : 51561.1/20

-88.489+/-0.584 χ^2/NDF : 3561.9/11

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.926+/-0.032 χ^2/NDF : 317.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.987+/-0.028 χ^2/NDF : 643.5/11

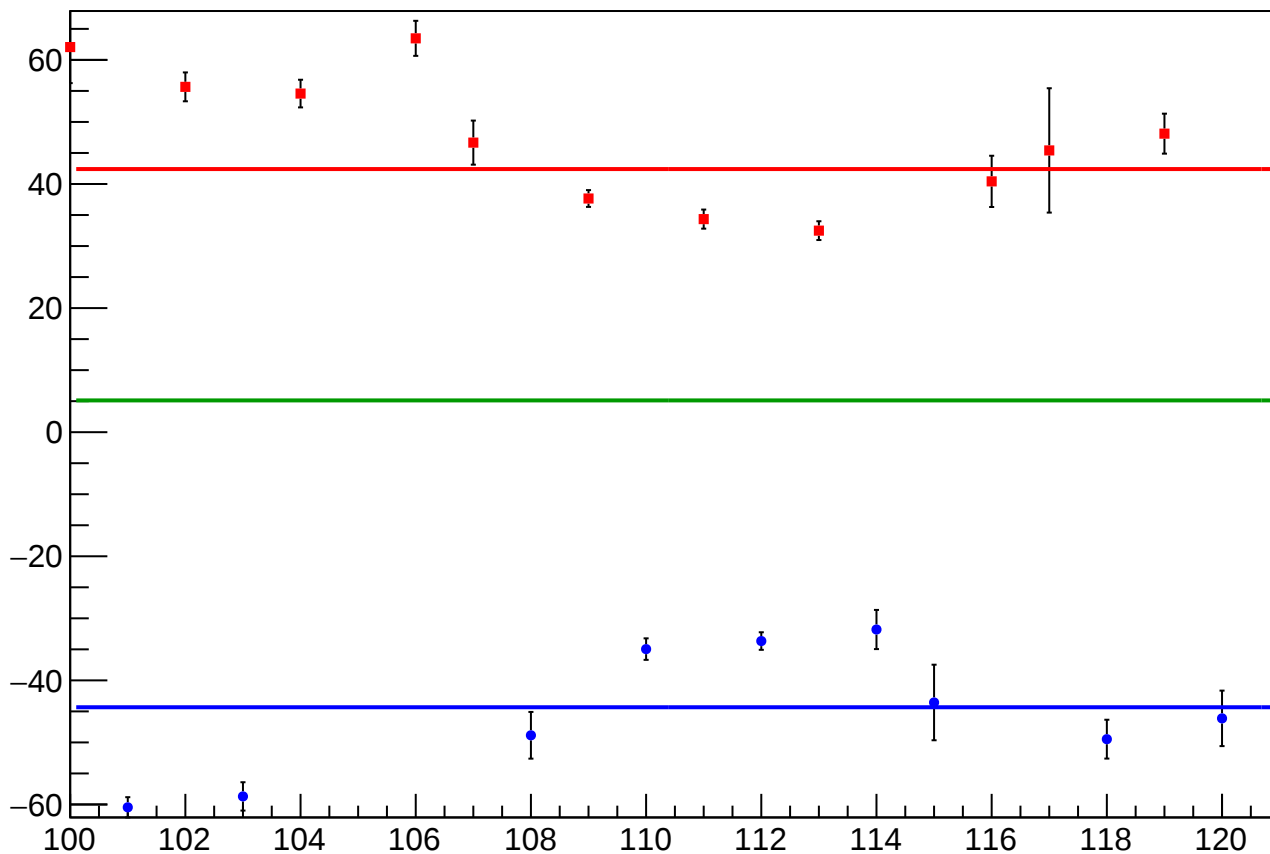
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.926+/-0.032 χ^2/NDF : 317.0/8

0.158+/-0.021 χ^2/NDF : 2998.4/20

0.987+/-0.028 χ^2/NDF : 643.5/11

reg_asym_sam_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -44.331 $\pm$ 0.756 χ^2 /NDF: 243.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 42.407 $\pm$ 0.657 χ^2 /NDF: 232.6/11

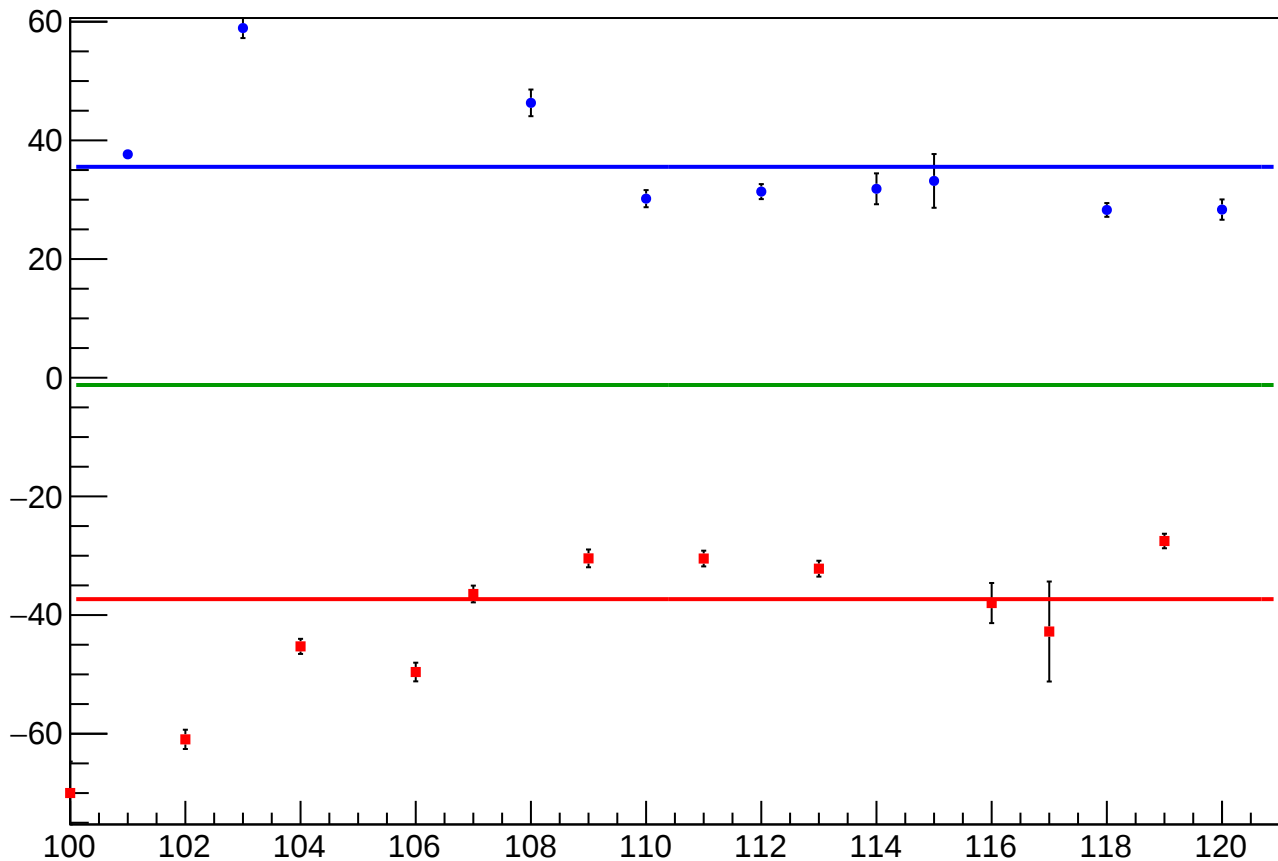
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-44.331 $\pm$ 0.756 χ^2 /NDF: 243.2/8

5.121 $\pm$ 0.496 χ^2 /NDF: 7977.1/20

42.407 $\pm$ 0.657 χ^2 /NDF: 232.6/11

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 35.543+/-0.470 χ^2 /NDF: 305.5/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -37.317+/-0.466 χ^2 /NDF: 510.3/11

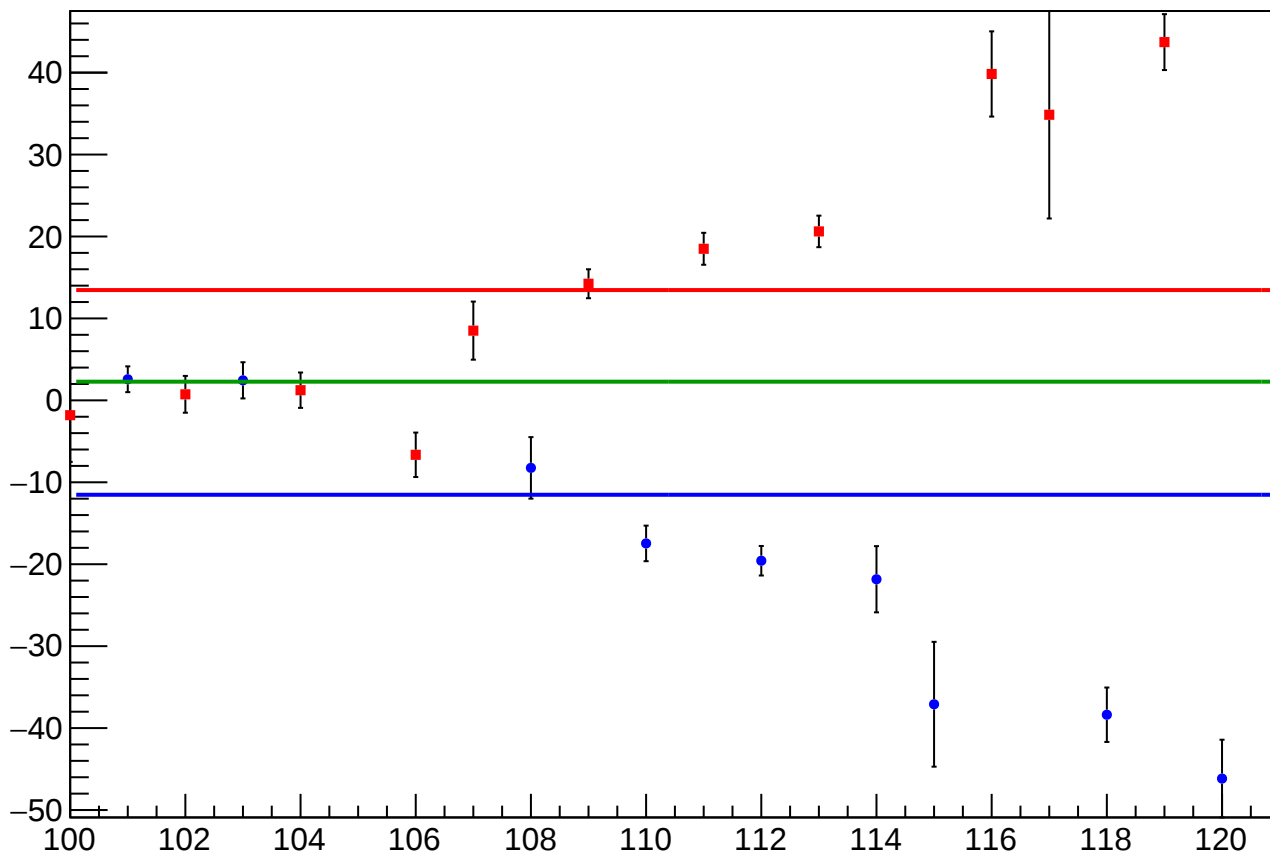
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

35.543+/-0.470 χ^2 /NDF: 305.5/8

-1.226+/-0.331 χ^2 /NDF: 12950.7/20

-37.317+/-0.466 χ^2 /NDF: 510.3/11

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -11.523+/-0.841 χ^2/NDF : 284.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.461+/-0.757 χ^2/NDF : 278.8/11

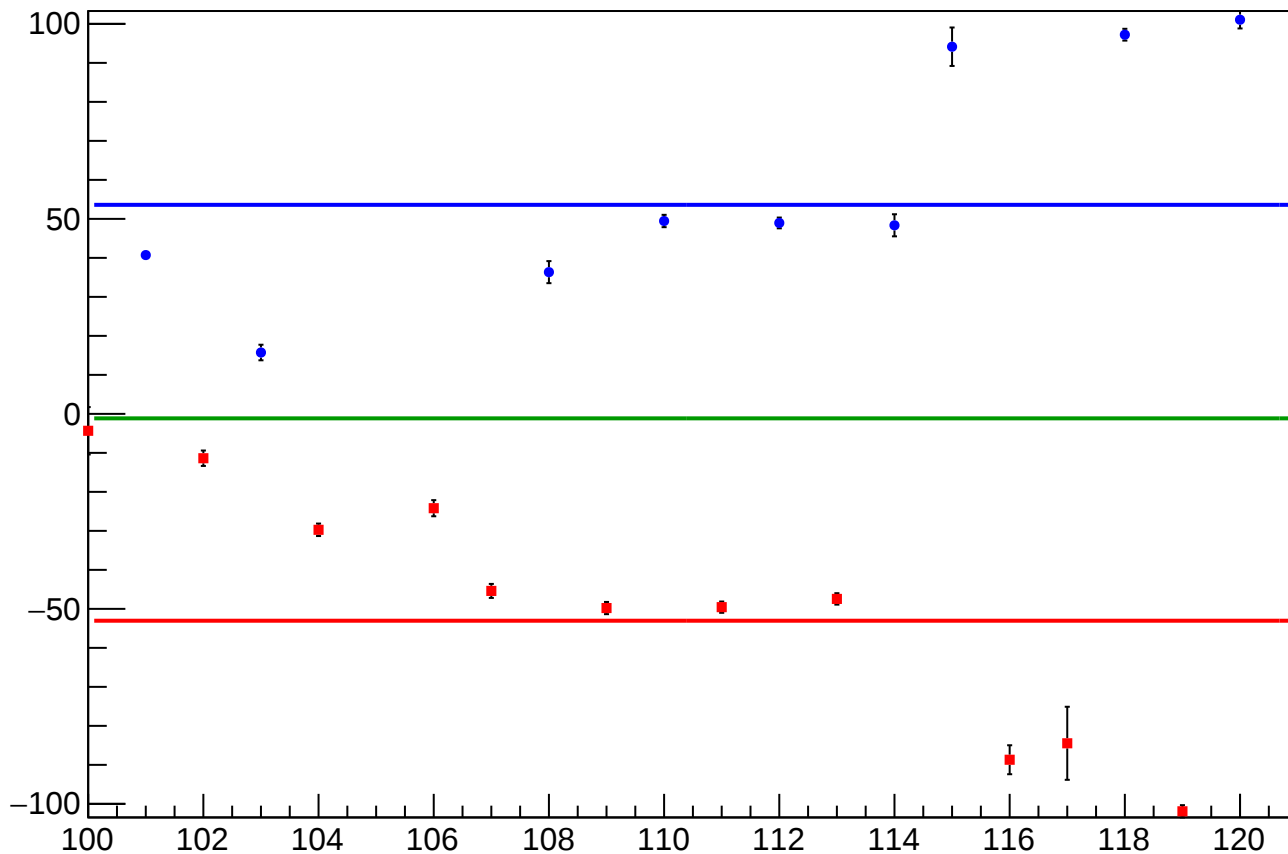
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-11.523+/-0.841 χ^2/NDF : 284.8/8

2.280+/-0.563 χ^2/NDF : 1051.1/20

13.461+/-0.757 χ^2/NDF : 278.8/11

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 53.599+/-0.561 χ^2/NDF : 1946.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -53.040+/-0.546 χ^2/NDF : 2617.2/11

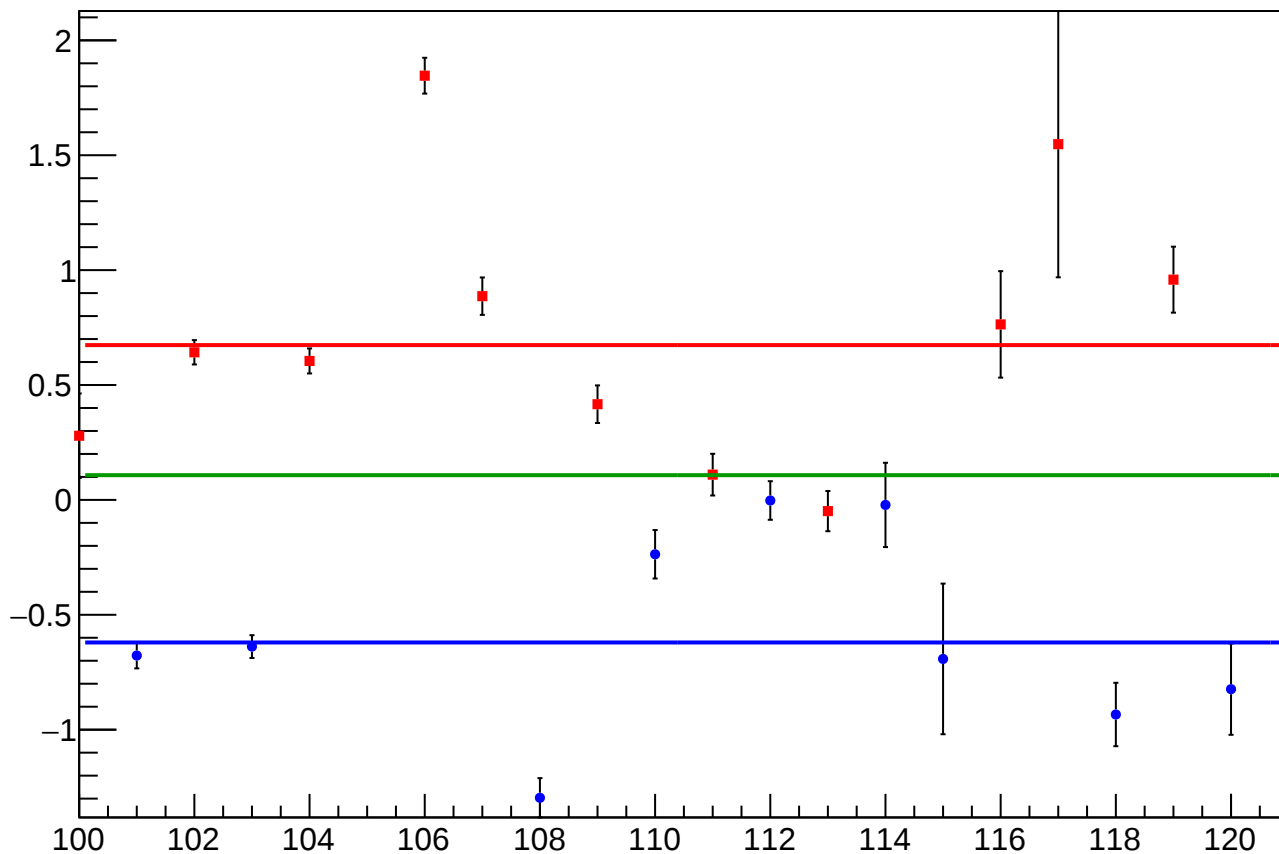
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

53.599+/-0.561 χ^2/NDF : 1946.4/8

-1.151+/-0.392 χ^2/NDF : 23098.6/20

-53.040+/-0.546 χ^2/NDF : 2617.2/11

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.620 $\pm$ 0.029 χ^2 /NDF: 147.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.674 $\pm$ 0.025 χ^2 /NDF: 363.3/11

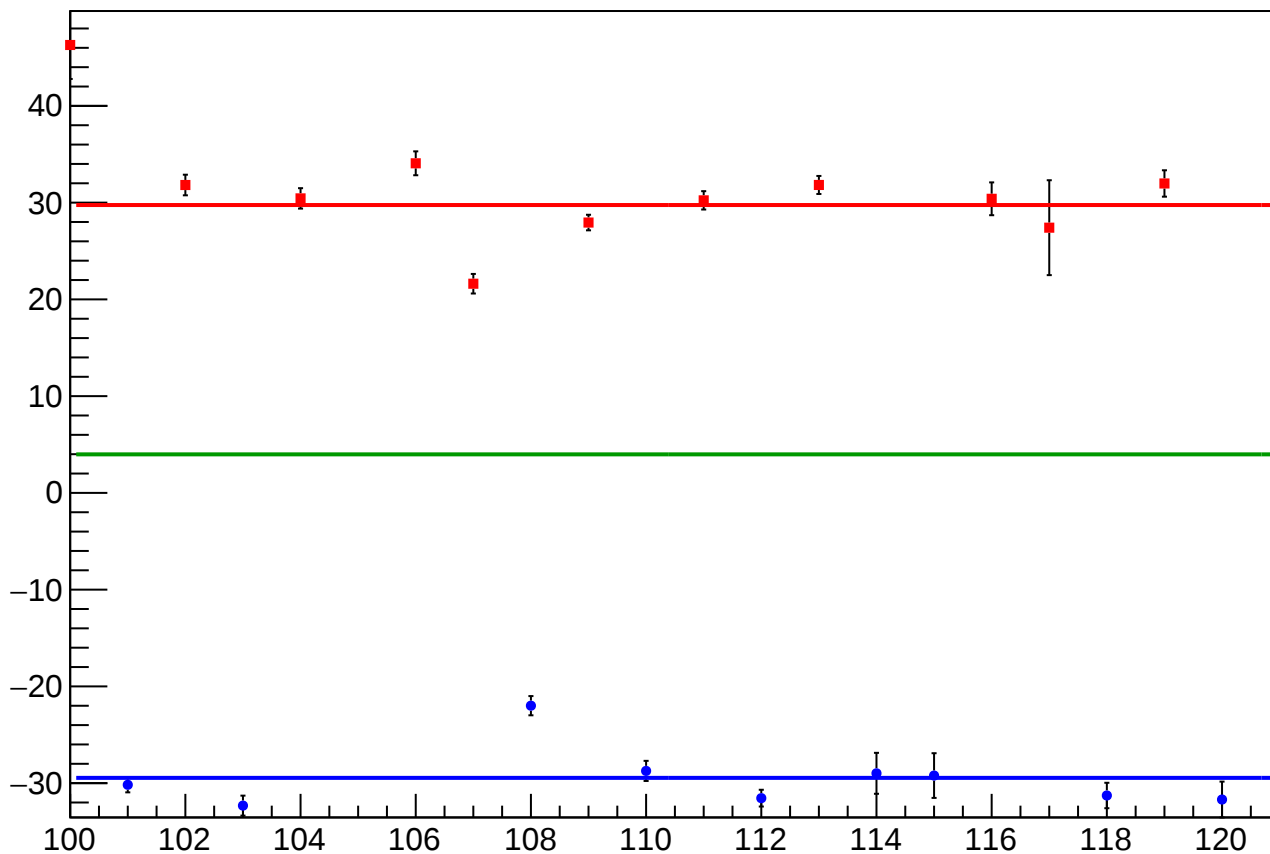
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.620 $\pm$ 0.029 χ^2 /NDF: 147.9/8

0.108 $\pm$ 0.019 χ^2 /NDF: 1653.6/20

0.674 $\pm$ 0.025 χ^2 /NDF: 363.3/11

reg_asym_sam_13_57_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -29.453+/-0.375 χ^2/NDF : 74.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.752+/-0.329 χ^2/NDF : 116.6/11

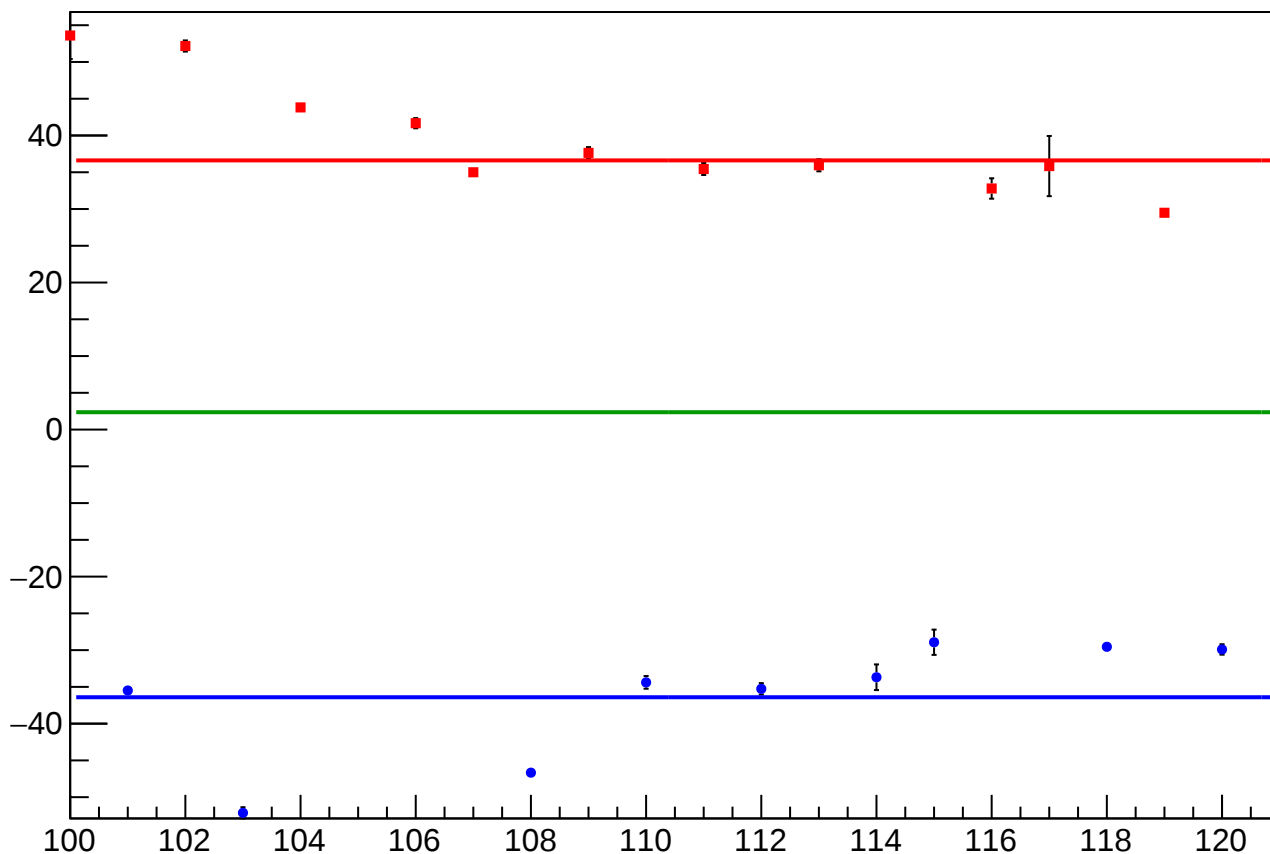
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-29.453+/-0.375 χ^2/NDF : 74.7/8

3.983+/-0.247 χ^2/NDF : 14300.6/20

29.752+/-0.329 χ^2/NDF : 116.6/11

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -36.408 ± 0.217 $\chi^2/\text{NDF}: 1039.4/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 36.612 ± 0.204 $\chi^2/\text{NDF}: 1011.1/11$

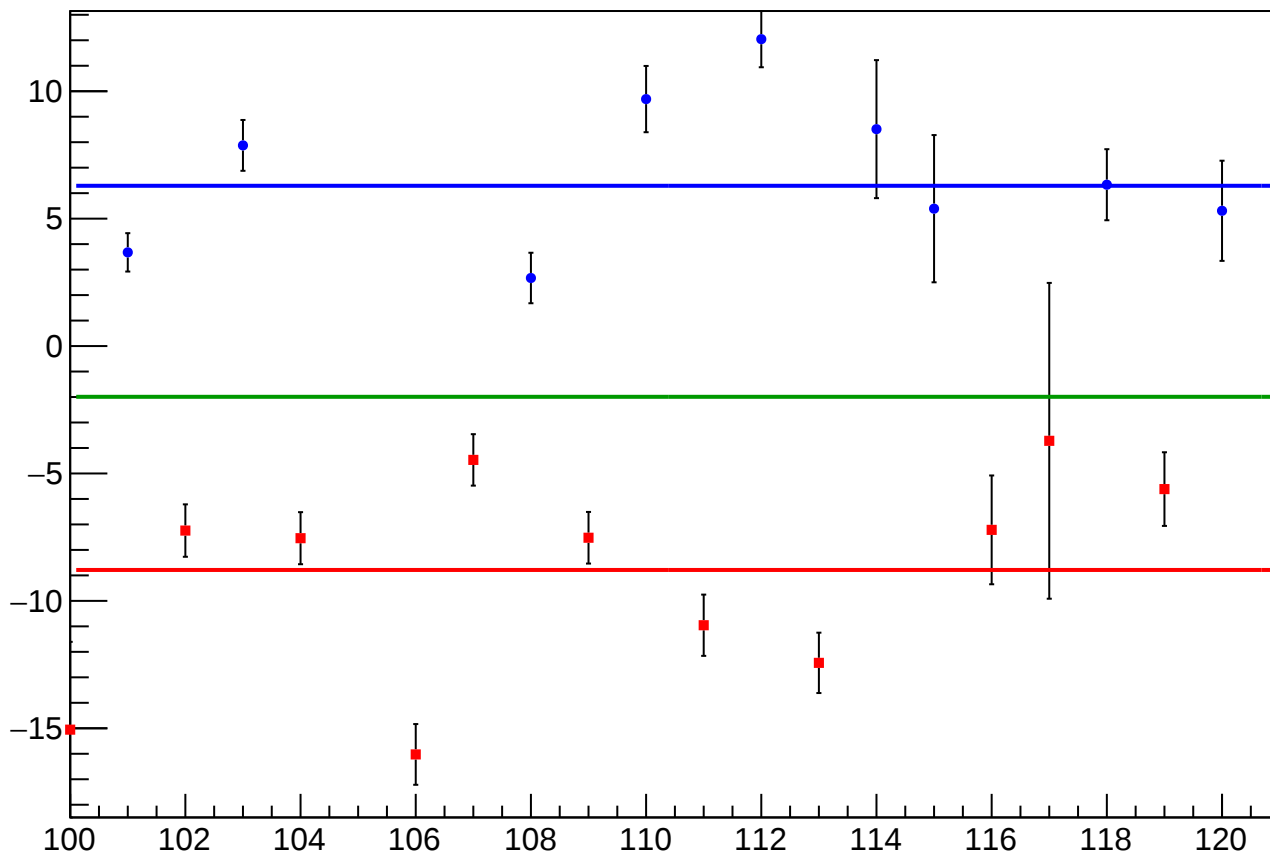
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-36.408 ± 0.217 $\chi^2/\text{NDF}: 1039.4/8$

2.360 ± 0.148 $\chi^2/\text{NDF}: 62389.2/20$

36.612 ± 0.204 $\chi^2/\text{NDF}: 1011.1/11$

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.290 $\pm$ 0.401 χ^2 /NDF: 63.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -8.787 $\pm$ 0.363 χ^2 /NDF: 82.8/11

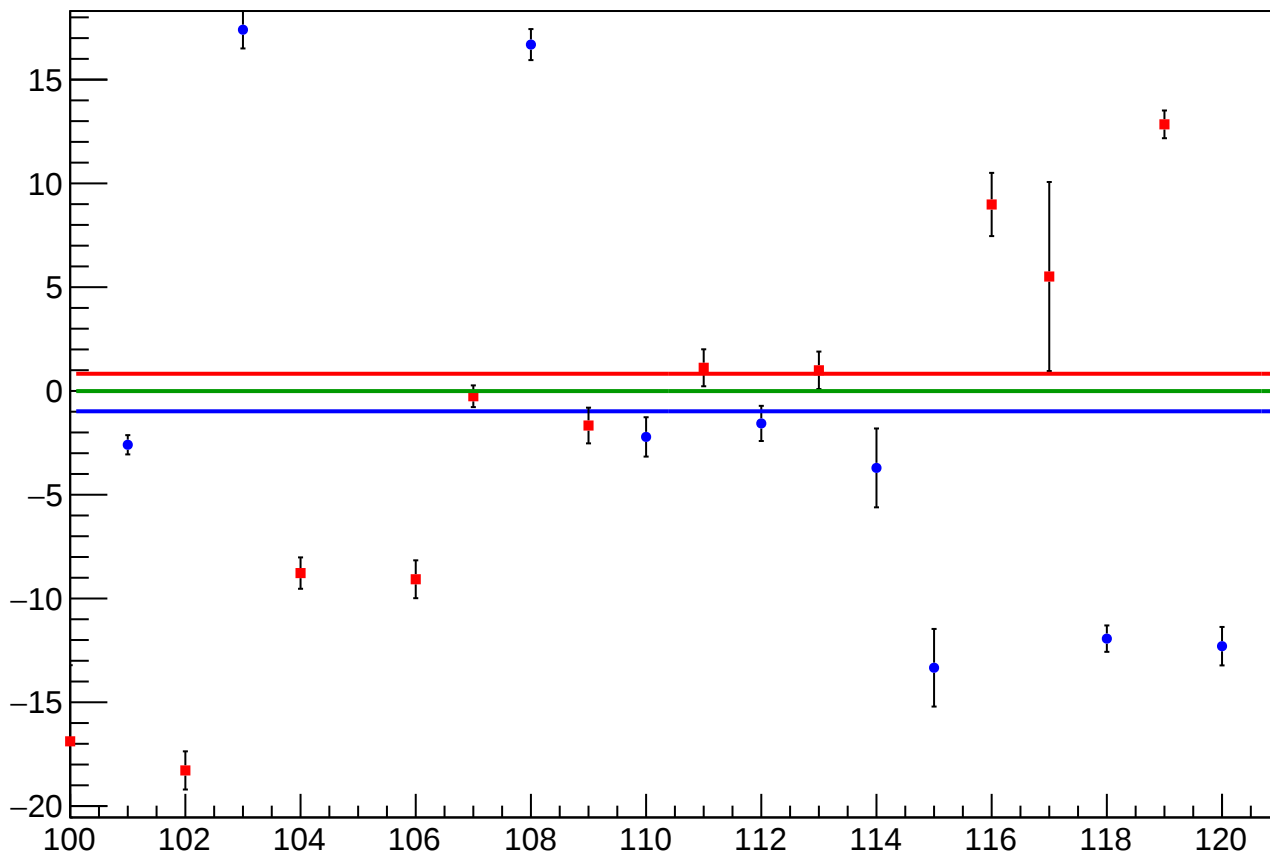
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

6.290 $\pm$ 0.401 χ^2 /NDF: 63.0/8

-1.992 $\pm$ 0.269 χ^2 /NDF: 923.5/20

-8.787 $\pm$ 0.363 χ^2 /NDF: 82.8/11

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.980 ± 0.264 $\chi^2/\text{NDF}: 1480.1/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.828 ± 0.244 $\chi^2/\text{NDF}: 1454.9/11$

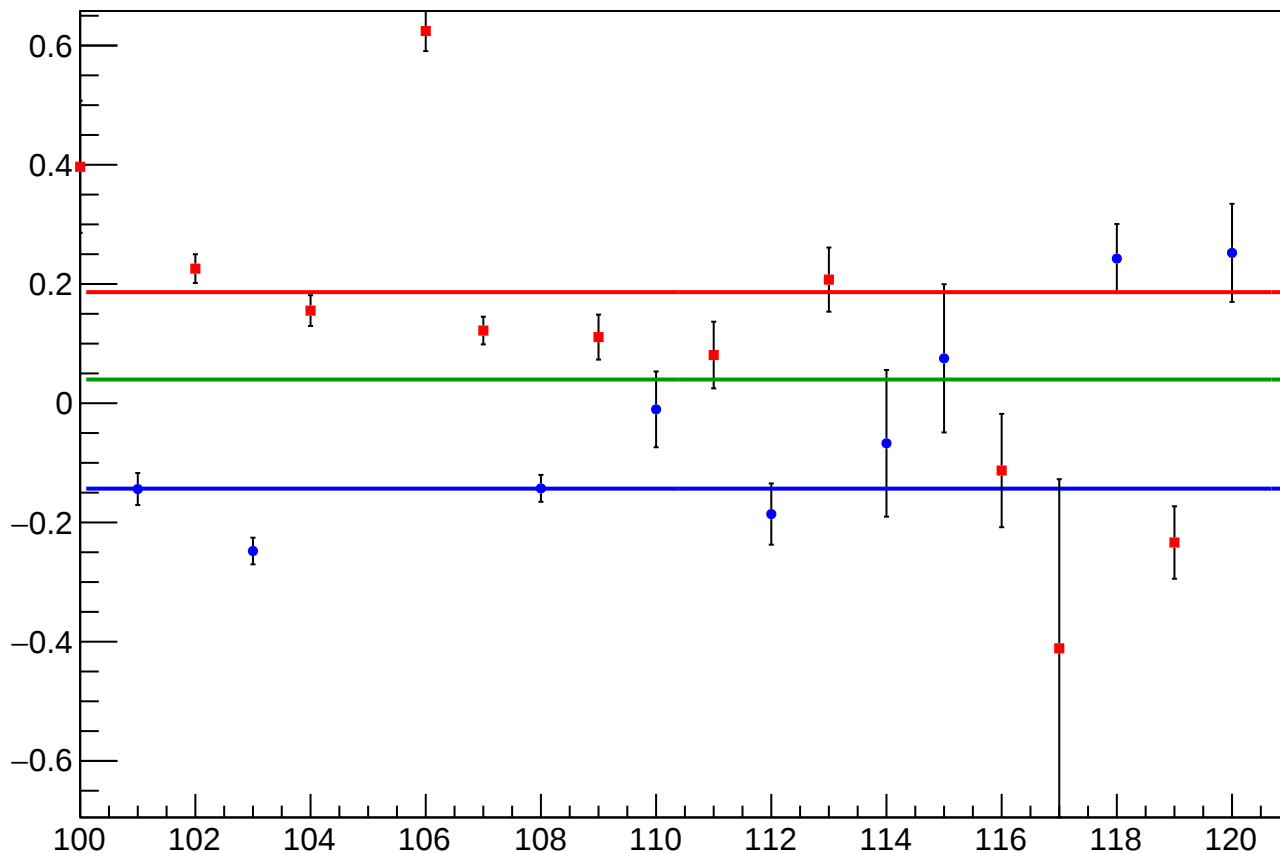
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.980 ± 0.264 $\chi^2/\text{NDF}: 1480.1/8$

-0.006 ± 0.179 $\chi^2/\text{NDF}: 2960.2/20$

0.828 ± 0.244 $\chi^2/\text{NDF}: 1454.9/11$

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.143+/-0.012 χ^2/NDF : 97.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.186+/-0.011 χ^2/NDF : 268.5/11

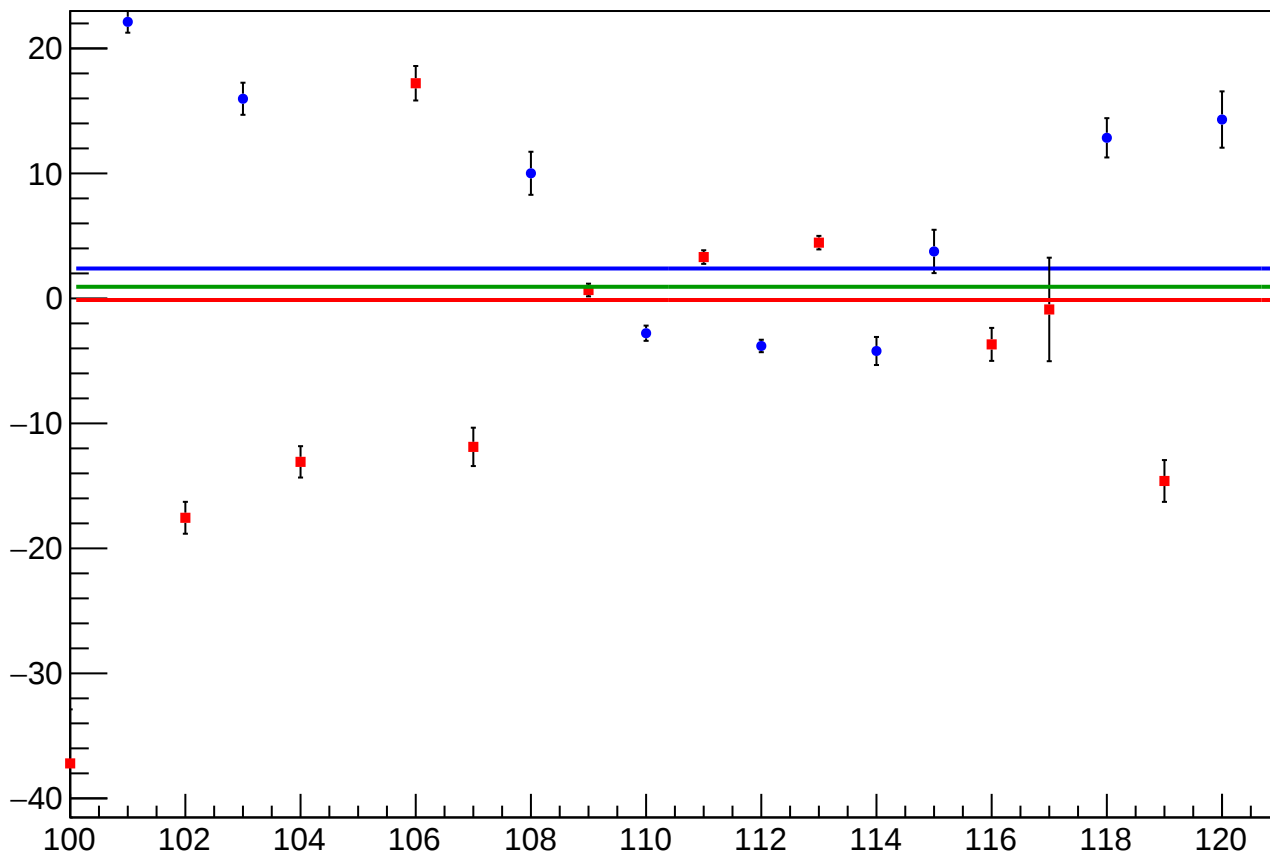
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.143+/-0.012 χ^2/NDF : 97.9/8

0.040+/-0.008 χ^2/NDF : 762.2/20

0.186+/-0.011 χ^2/NDF : 268.5/11

reg_asym_sam_15_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 2.393+/-0.306 χ^2/NDF : 983.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.128+/-0.260 χ^2/NDF : 822.1/11

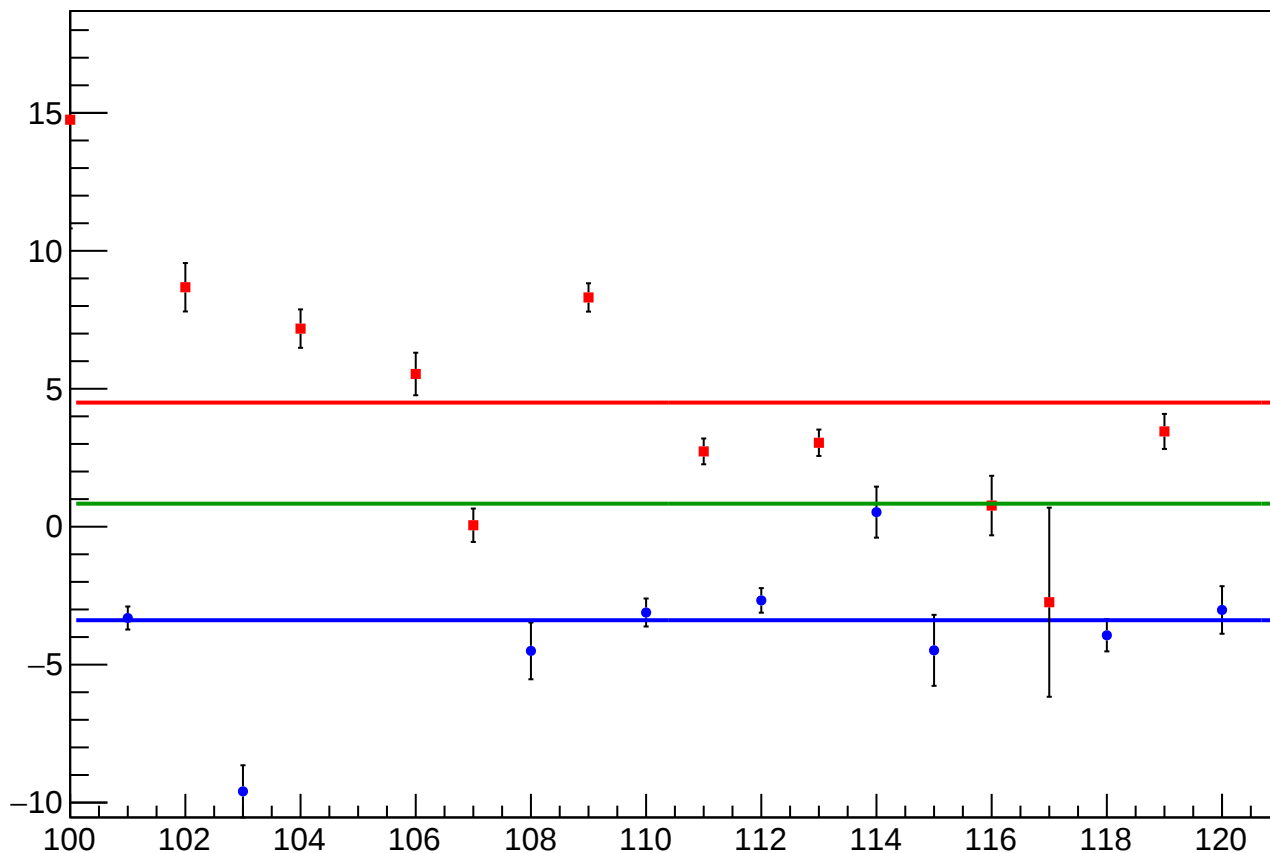
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.393+/-0.306 χ^2/NDF : 983.3/8

0.930+/-0.198 χ^2/NDF : 1844.9/20

-0.128+/-0.260 χ^2/NDF : 822.1/11

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.390 $\pm$ 0.210 χ^2 /NDF: 66.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.499 $\pm$ 0.195 χ^2 /NDF: 209.7/11

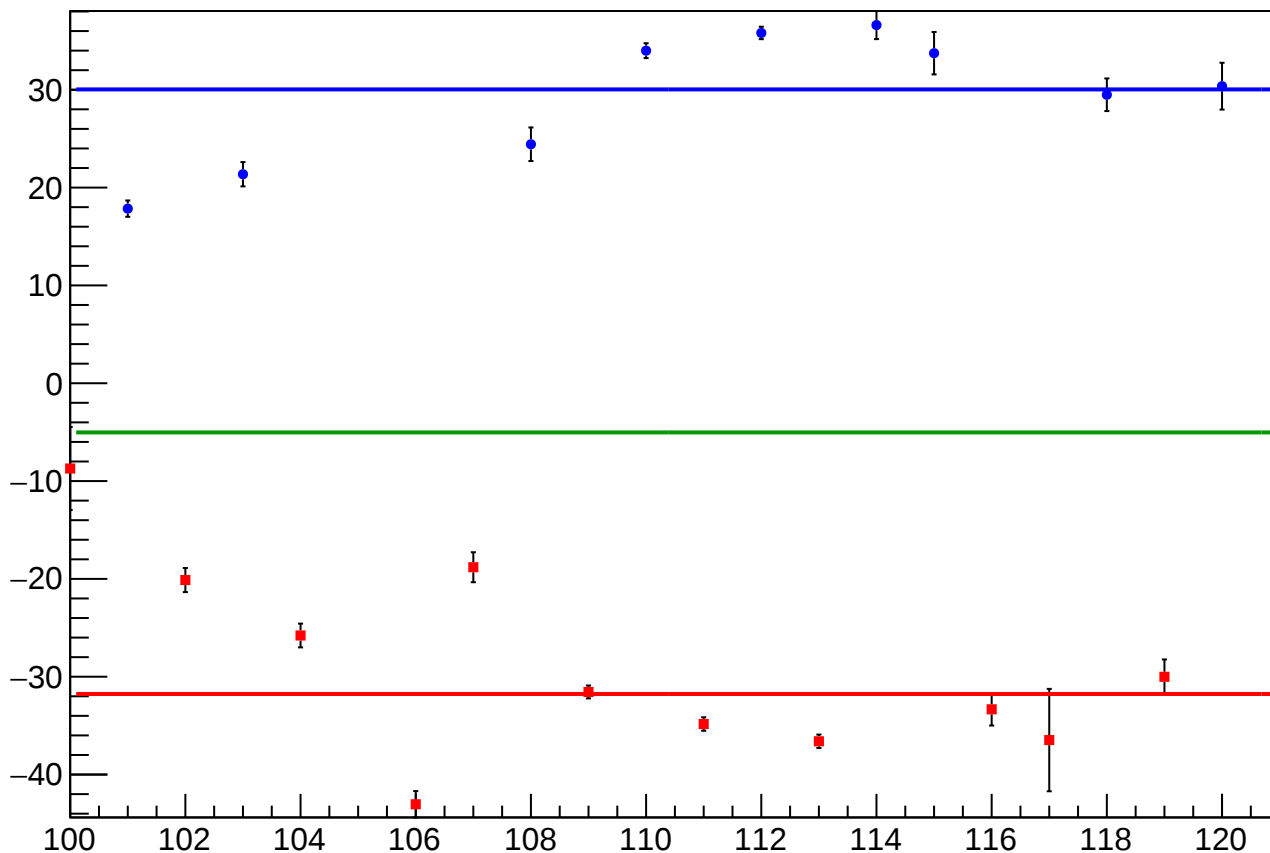
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-3.390 $\pm$ 0.210 χ^2 /NDF: 66.8/8

0.835 $\pm$ 0.143 χ^2 /NDF: 1035.8/20

4.499 $\pm$ 0.195 χ^2 /NDF: 209.7/11

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 30.035+/-0.357 χ^2/NDF : 405.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.764+/-0.312 χ^2/NDF : 379.4/11

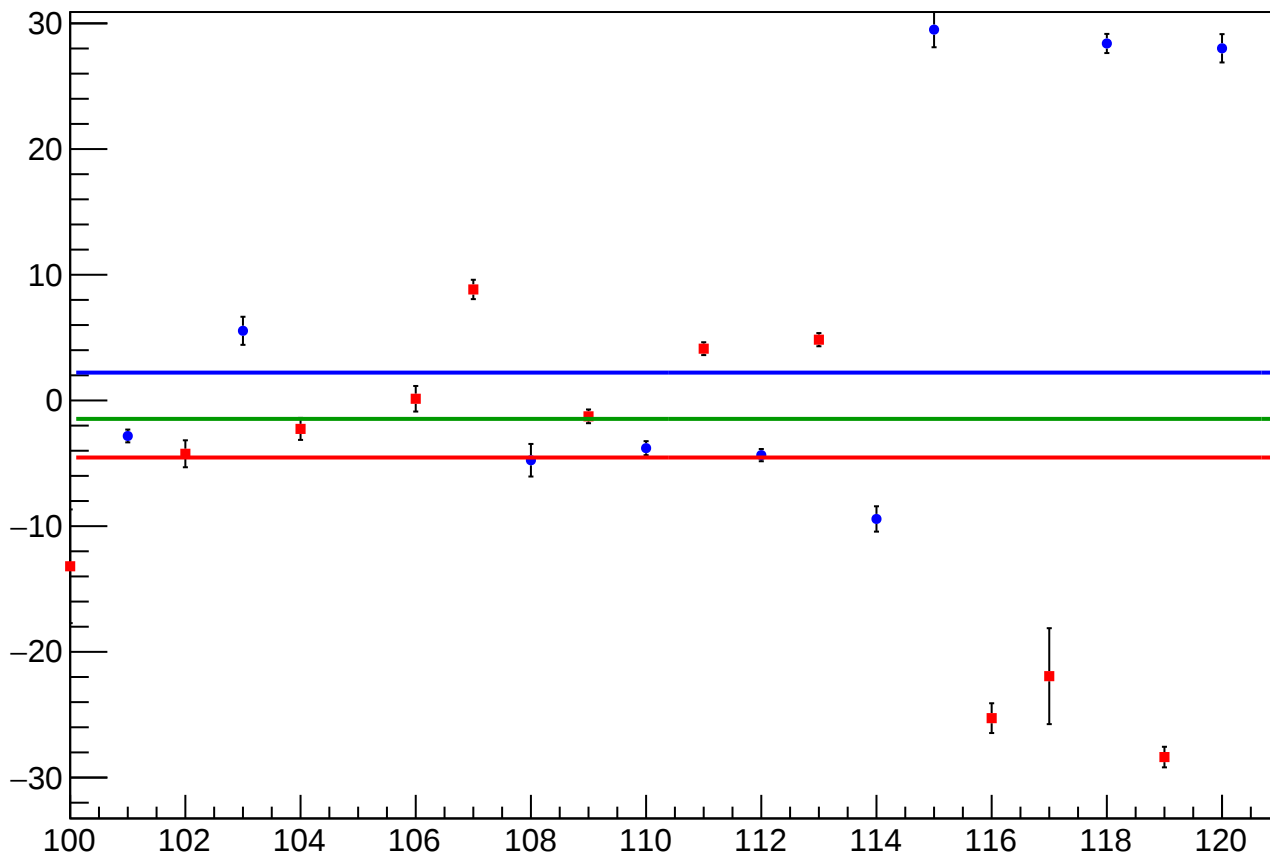
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

30.035+/-0.357 χ^2/NDF : 405.9/8

-5.027+/-0.235 χ^2/NDF : 17809.8/20

-31.764+/-0.312 χ^2/NDF : 379.4/11

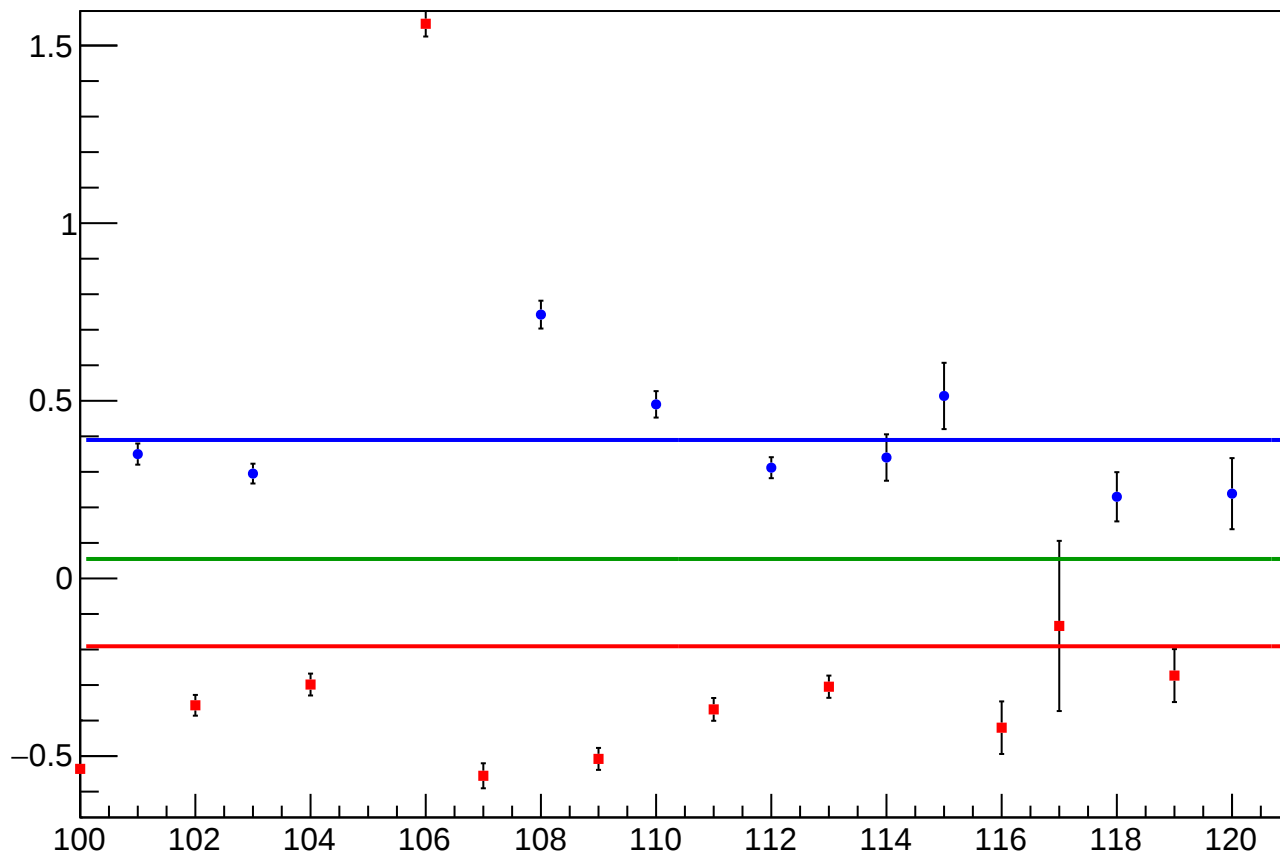
reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.216 $\pm$ 0.245 χ^2 /NDF: 2652.2/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -4.538 $\pm$ 0.224 χ^2 /NDF: 3735.8/11
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.216 $\pm$ 0.245 χ^2 /NDF: 2652.2/8
 -1.466 $\pm$ 0.165 χ^2 /NDF: 6803.1/20
 -4.538 $\pm$ 0.224 χ^2 /NDF: 3735.8/11

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.390 $\pm$ 0.013 χ^2 /NDF: 118.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.191 $\pm$ 0.011 χ^2 /NDF: 2712.8/11

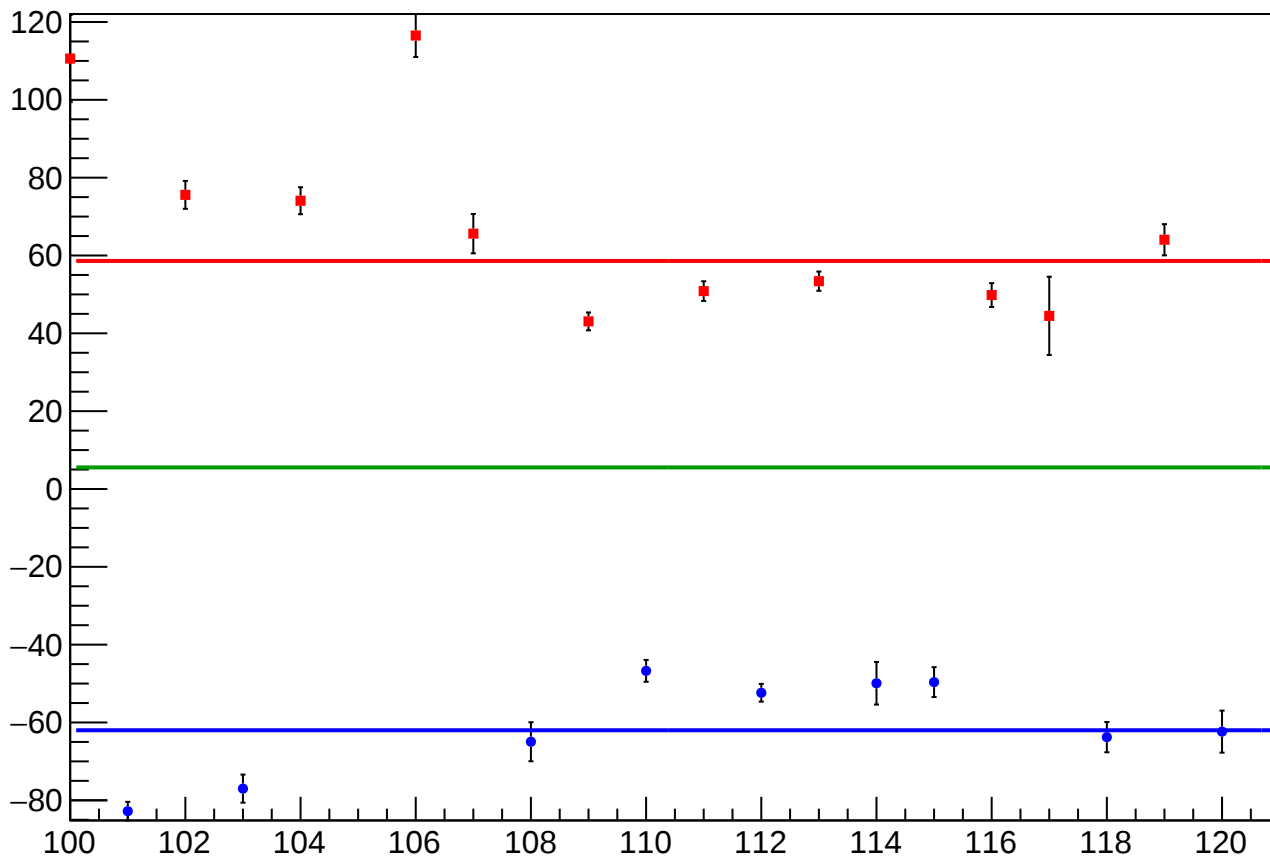
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.390 $\pm$ 0.013 χ^2 /NDF: 118.5/8

0.055 $\pm$ 0.009 χ^2 /NDF: 3919.7/20

-0.191 $\pm$ 0.011 χ^2 /NDF: 2712.8/11

reg_asym_sam_24_68_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -62.003 $\pm$ 1.109 χ^2 /NDF: 156.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 58.599 $\pm$ 0.983 χ^2 /NDF: 250.3/11

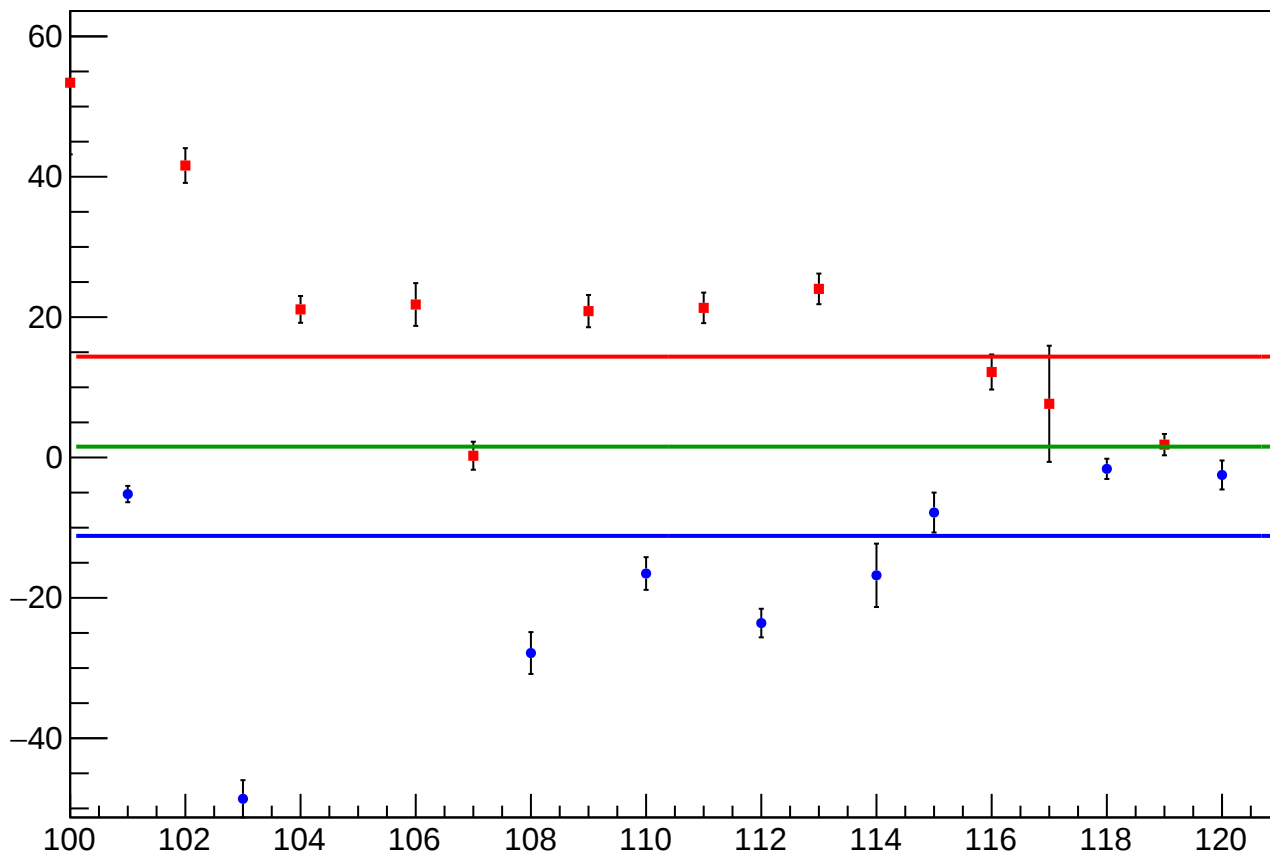
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-62.003 $\pm$ 1.109 χ^2 /NDF: 156.2/8

5.543 $\pm$ 0.736 χ^2 /NDF: 7026.8/20

58.599 $\pm$ 0.983 χ^2 /NDF: 250.3/11

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -11.170 $\pm$ 0.659 χ^2 /NDF: 363.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.372 $\pm$ 0.661 χ^2 /NDF: 340.2/11

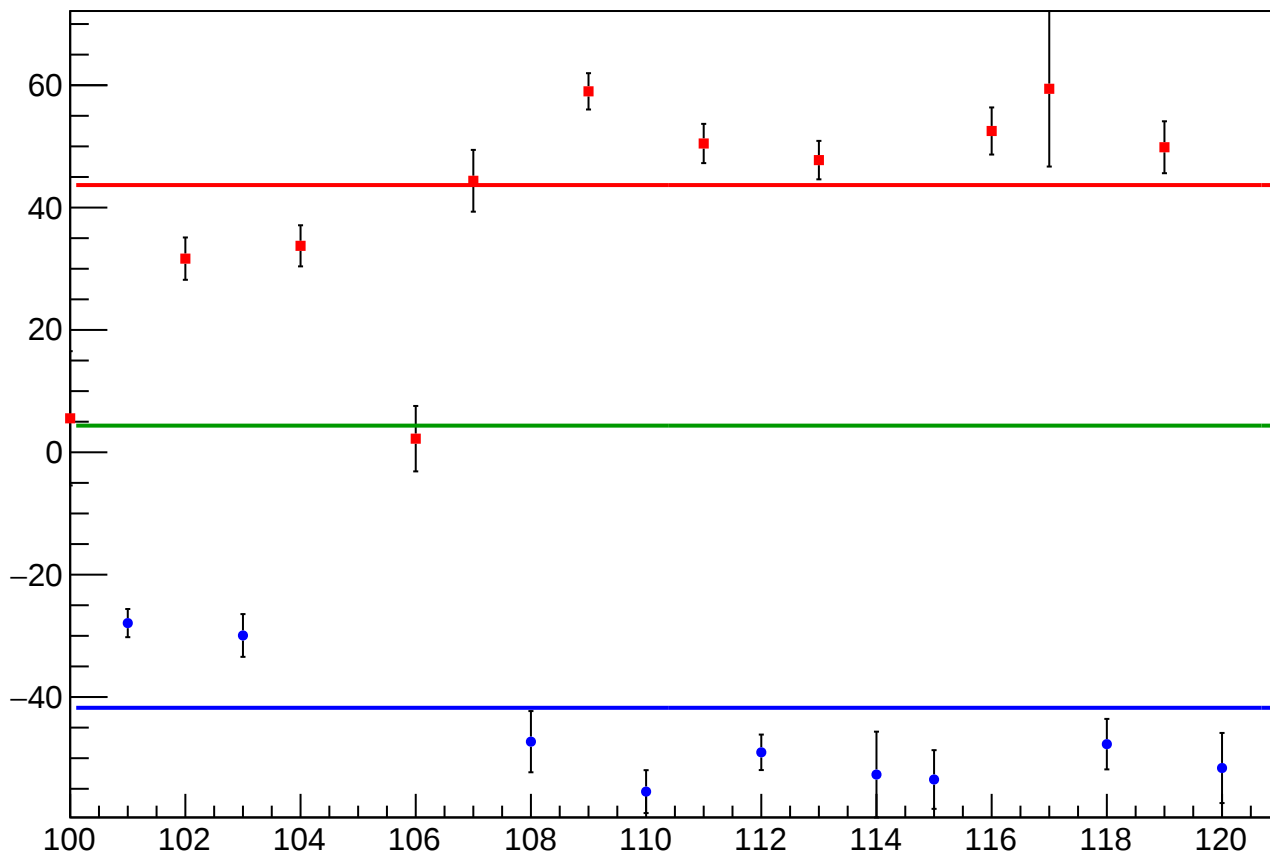
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-11.170 $\pm$ 0.659 χ^2 /NDF: 363.3/8

1.547 $\pm$ 0.467 χ^2 /NDF: 1452.5/20

14.372 $\pm$ 0.661 χ^2 /NDF: 340.2/11

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -41.762 ± 1.227 $\chi^2/\text{NDF}: 83.8/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 43.679 ± 1.133 $\chi^2/\text{NDF}: 135.4/11$

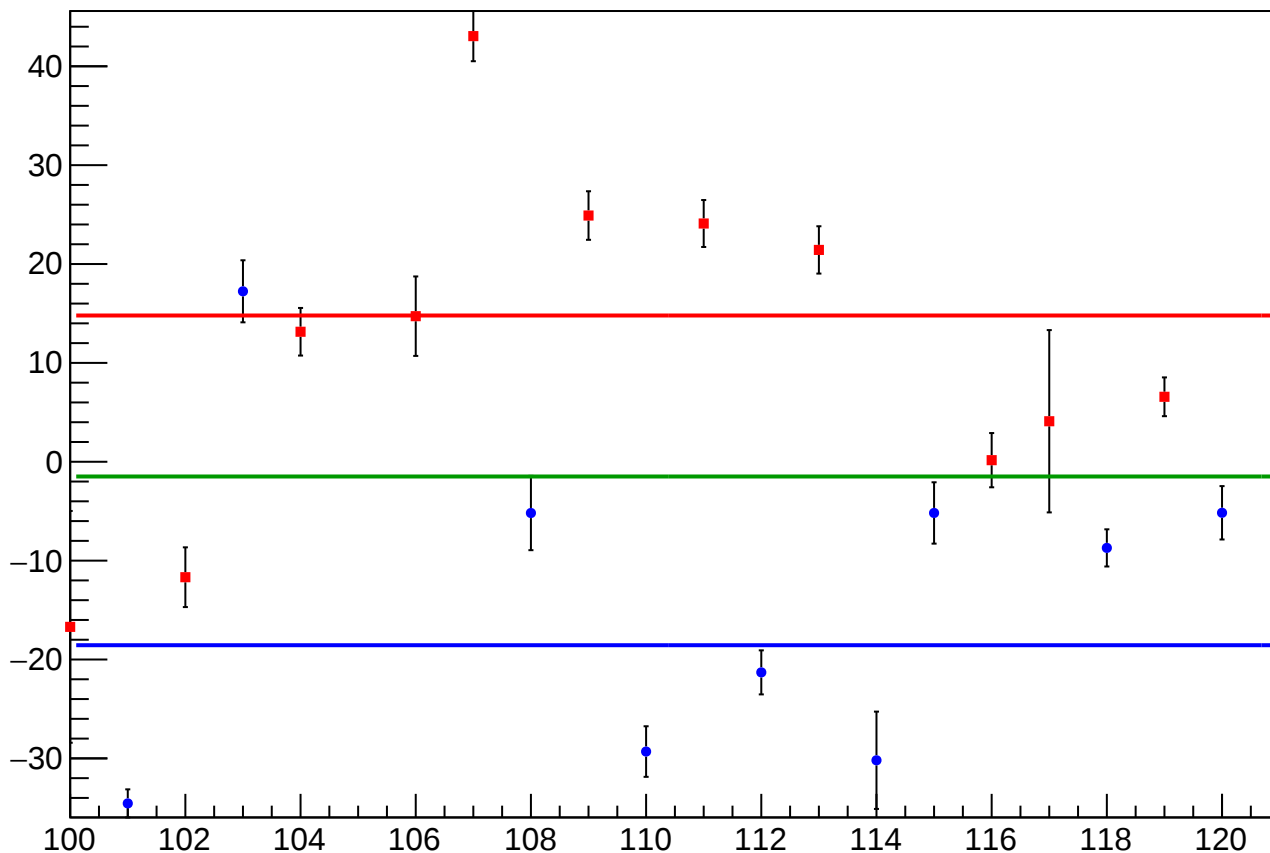
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-41.762 ± 1.227 $\chi^2/\text{NDF}: 83.8/8$

4.360 ± 0.833 $\chi^2/\text{NDF}: 2835.0/20$

43.679 ± 1.133 $\chi^2/\text{NDF}: 135.4/11$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -18.554 ± 0.794 χ^2/NDF : 364.8/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 14.794 ± 0.776 χ^2/NDF : 302.3/11

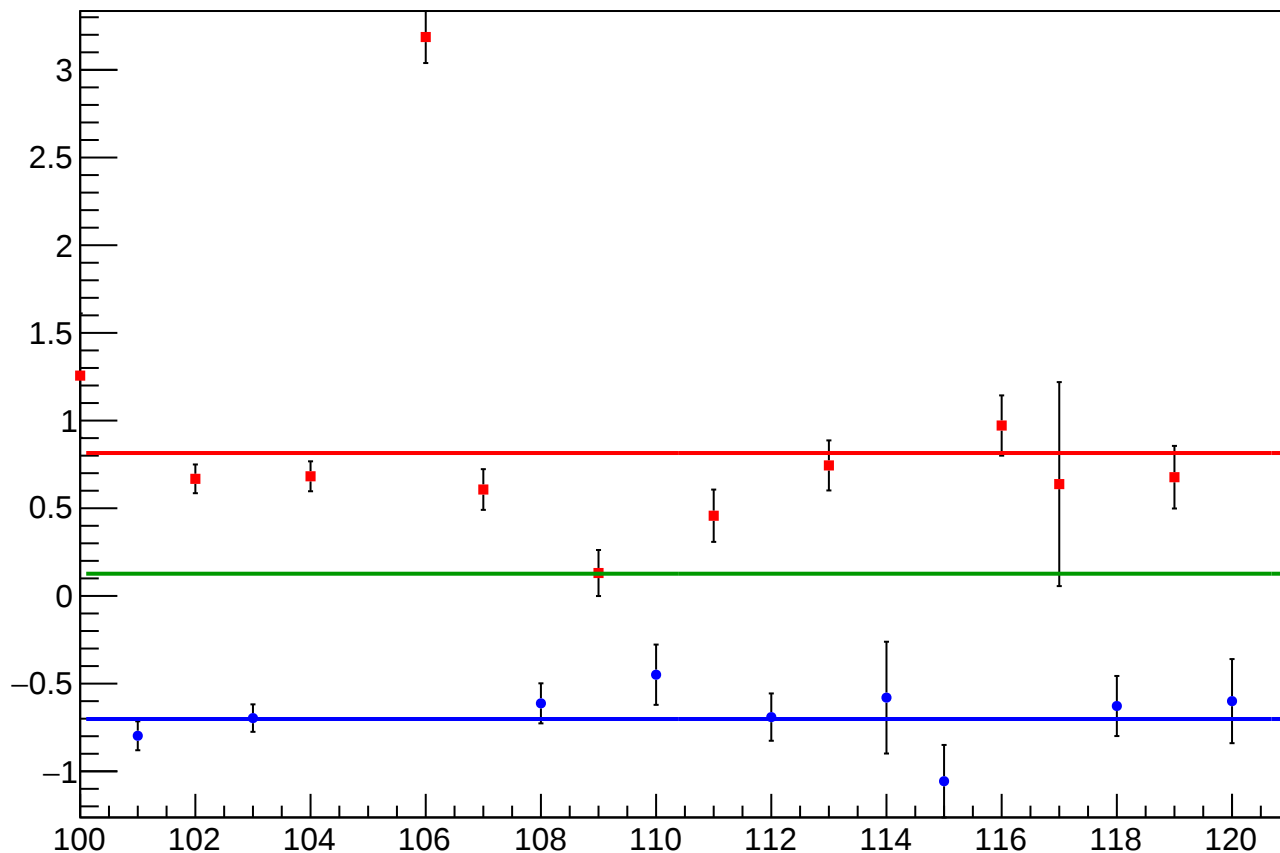
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-18.554 ± 0.794 χ^2/NDF : 364.8/8

-1.489 ± 0.555 χ^2/NDF : 1570.0/20

14.794 ± 0.776 χ^2/NDF : 302.3/11

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.702 ± 0.042 χ^2/NDF : 7.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.815 ± 0.039 χ^2/NDF : 301.1/11

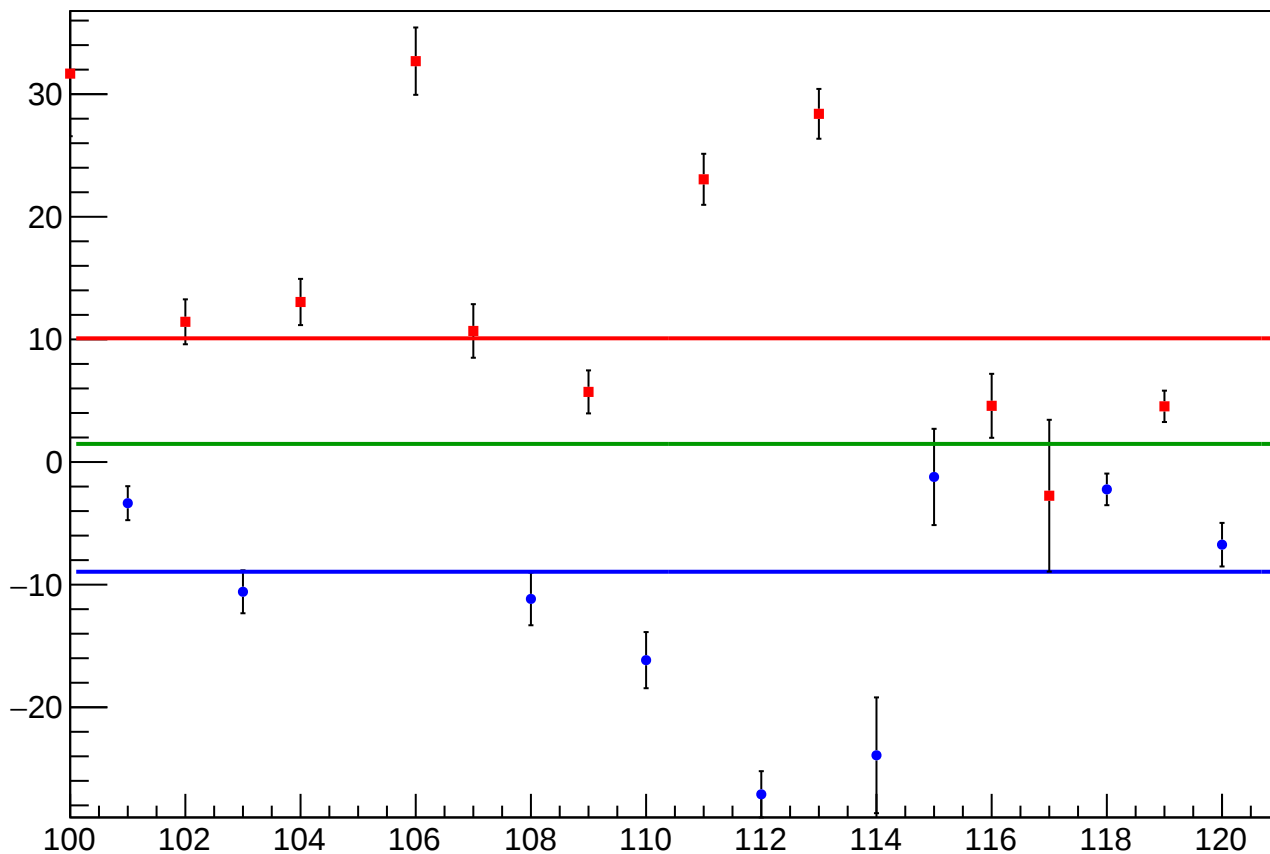
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.702 ± 0.042 χ^2/NDF : 7.6/8

0.127 ± 0.028 χ^2/NDF : 1012.3/20

0.815 ± 0.039 χ^2/NDF : 301.1/11

reg_asym_sam_26_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -8.947+/-0.625 χ^2 /NDF: 163.3/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 10.089+/-0.568 χ^2 /NDF: 321.5/11

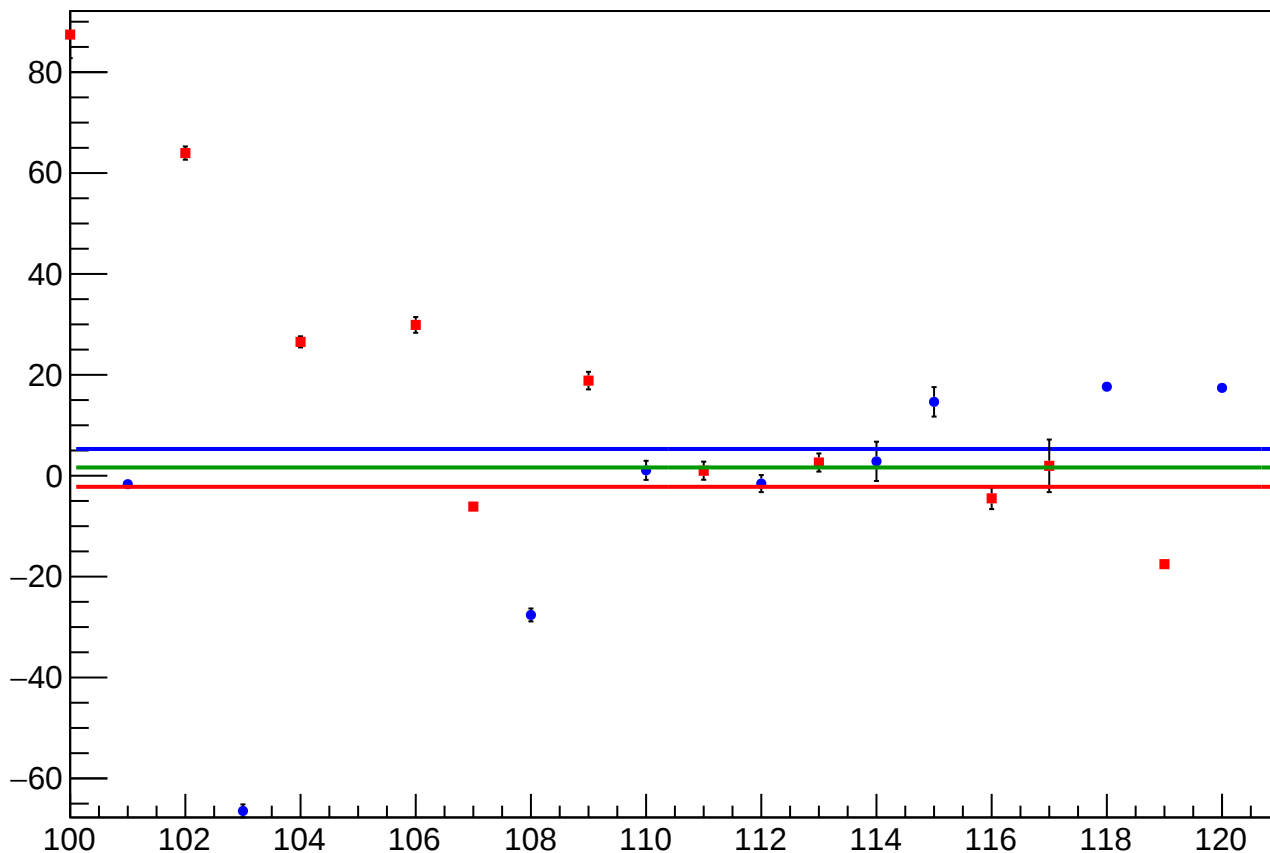
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-8.947+/-0.625 χ^2 /NDF: 163.3/8

1.478+/-0.420 χ^2 /NDF: 993.6/20

10.089+/-0.568 χ^2 /NDF: 321.5/11

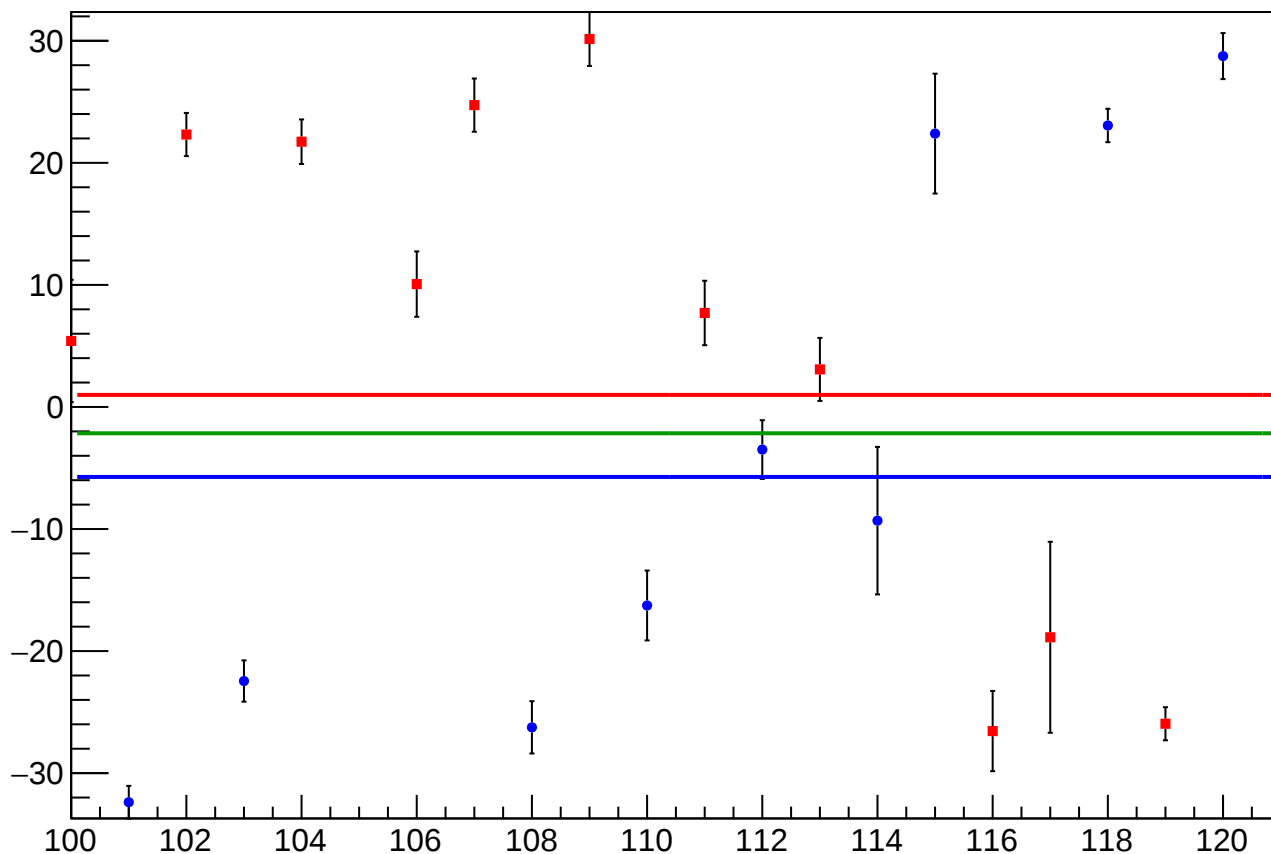
reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.299+/-0.307 χ^2/NDF : 4851.8/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -2.198+/-0.314 χ^2/NDF : 5418.2/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.299+/-0.307 χ^2/NDF : 4851.8/8
 1.638+/-0.220 χ^2/NDF : 10561.3/20
 -2.198+/-0.314 χ^2/NDF : 5418.2/11

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.733+/-0.658 χ^2/NDF : 1412.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.989+/-0.617 χ^2/NDF : 1240.0/11

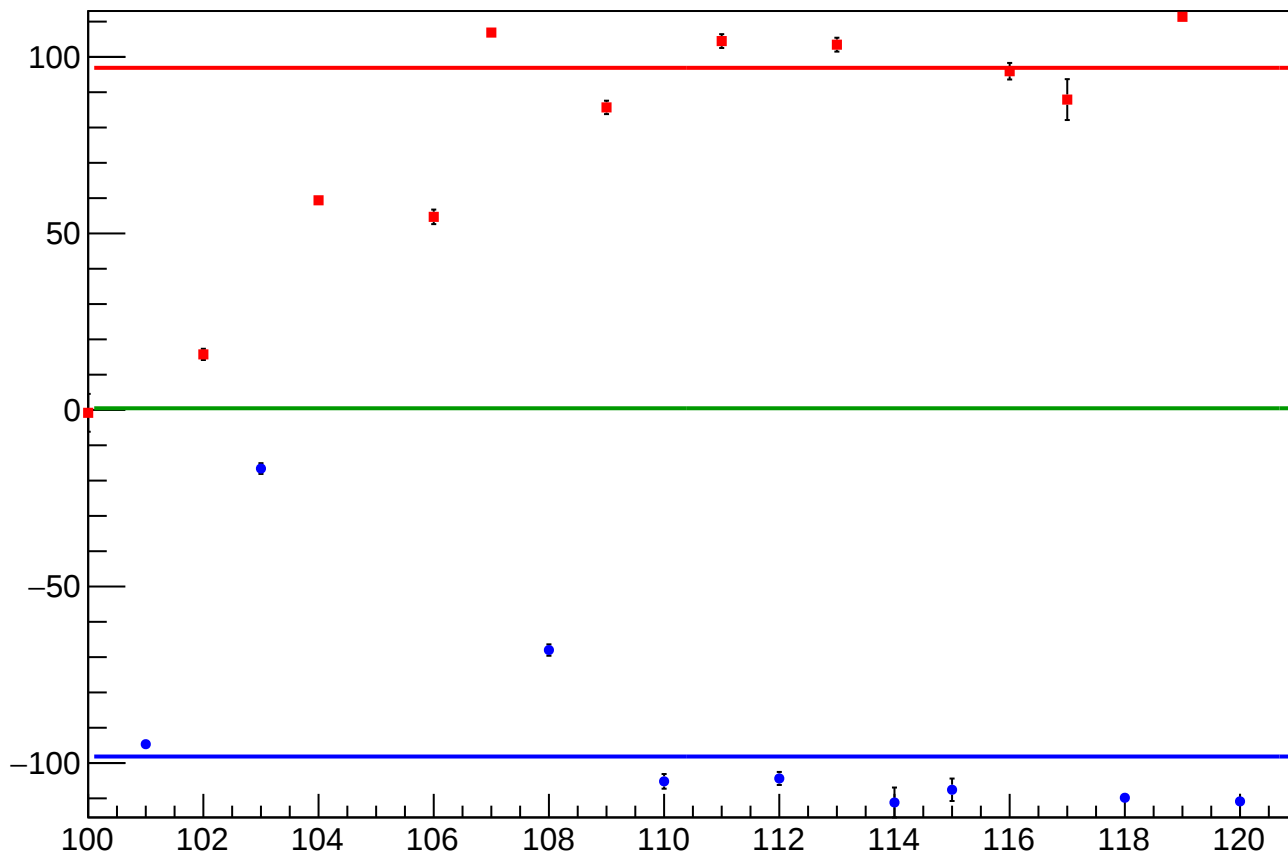
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.733+/-0.658 χ^2/NDF : 1412.6/8

-2.156+/-0.450 χ^2/NDF : 2708.1/20

0.989+/-0.617 χ^2/NDF : 1240.0/11

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -98.148+/-0.386 χ^2/NDF : 3815.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.909+/-0.381 χ^2/NDF : 5091.1/11

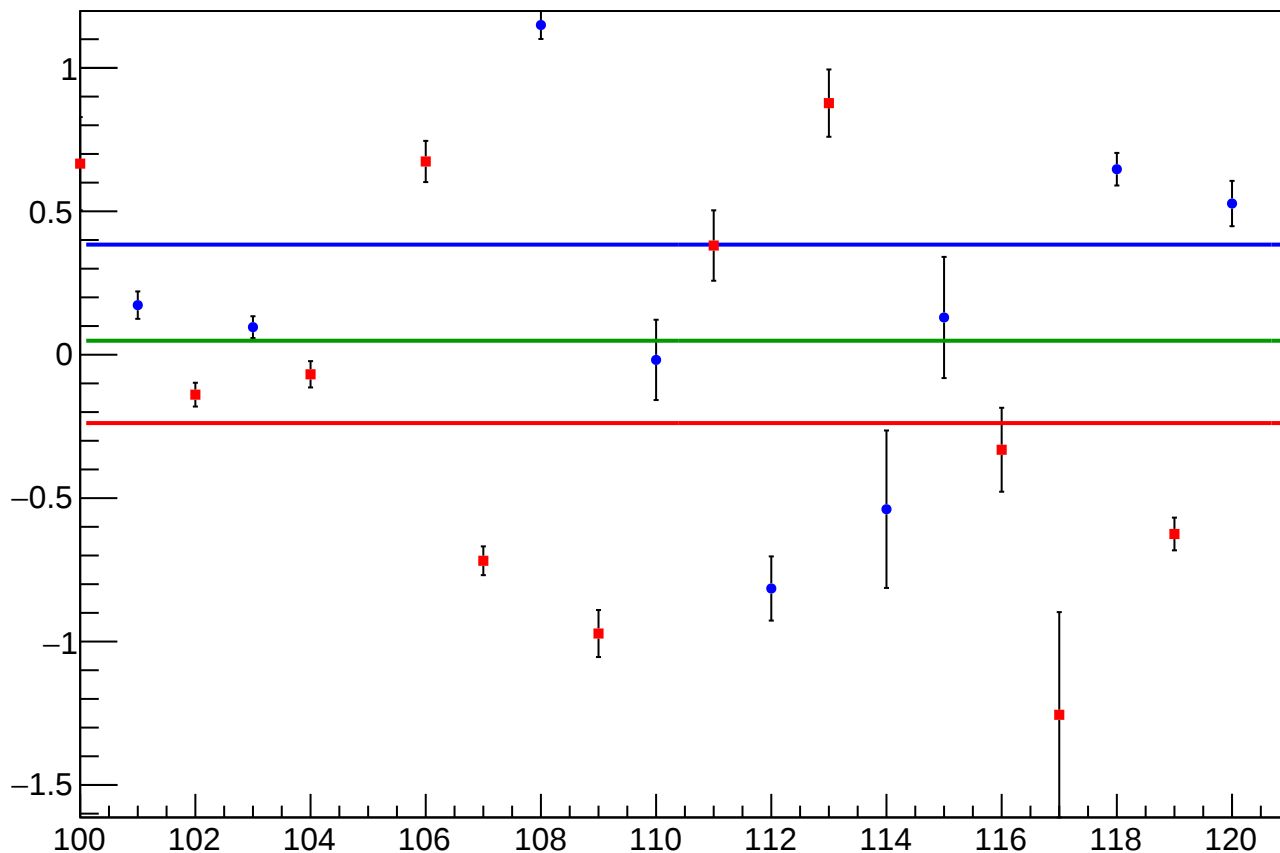
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-98.148+/-0.386 χ^2/NDF : 3815.9/8

0.486+/-0.271 χ^2/NDF : 138320.1/20

96.909+/-0.381 χ^2/NDF : 5091.1/11

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.384 $\pm$ 0.021 χ^2 /NDF: 484.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.238 $\pm$ 0.020 χ^2 /NDF: 560.9/11

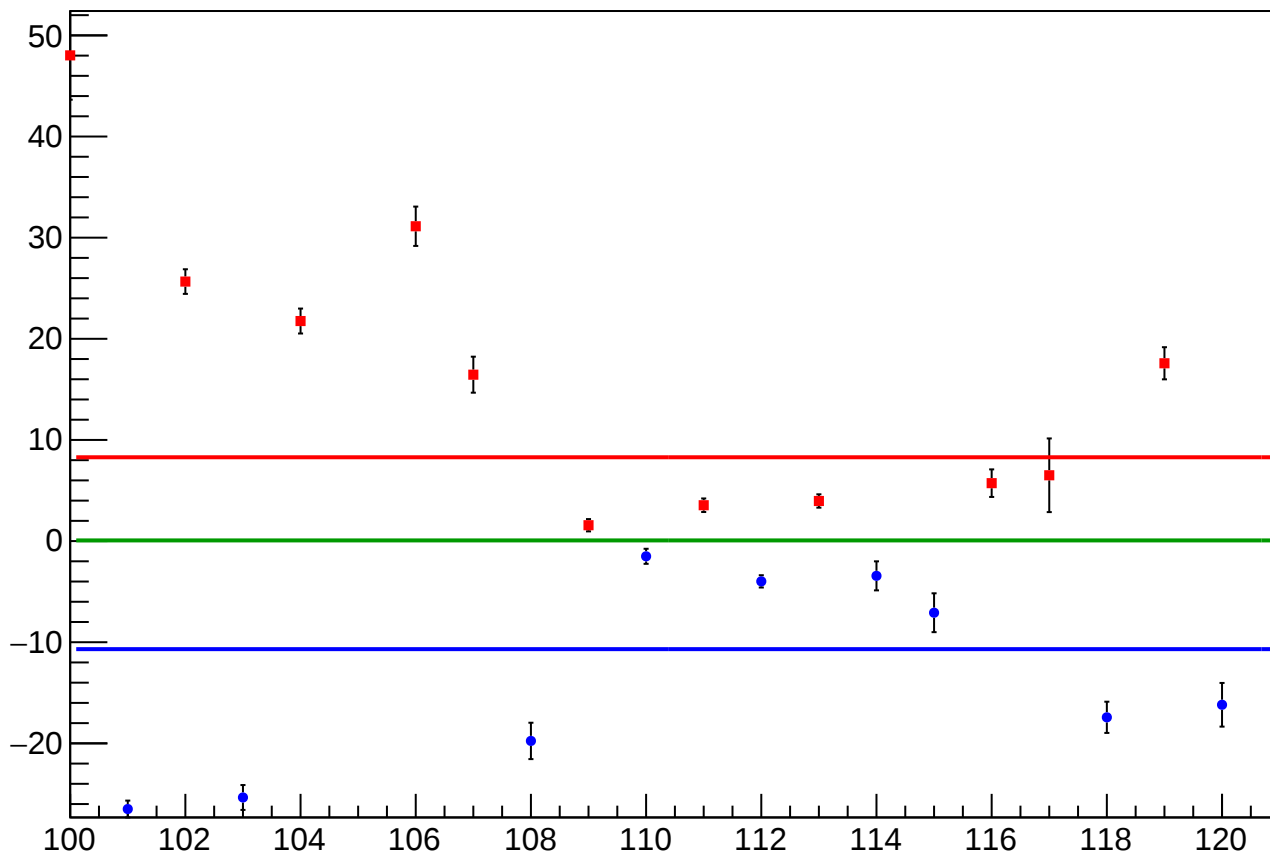
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.384 $\pm$ 0.021 χ^2 /NDF: 484.0/8

0.049 $\pm$ 0.015 χ^2 /NDF: 1501.2/20

-0.238 $\pm$ 0.020 χ^2 /NDF: 560.9/11

reg_asym_sam_1357_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -10.684 ± 0.347 χ^2/NDF : 856.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 8.287 ± 0.303 χ^2/NDF : 856.7/11

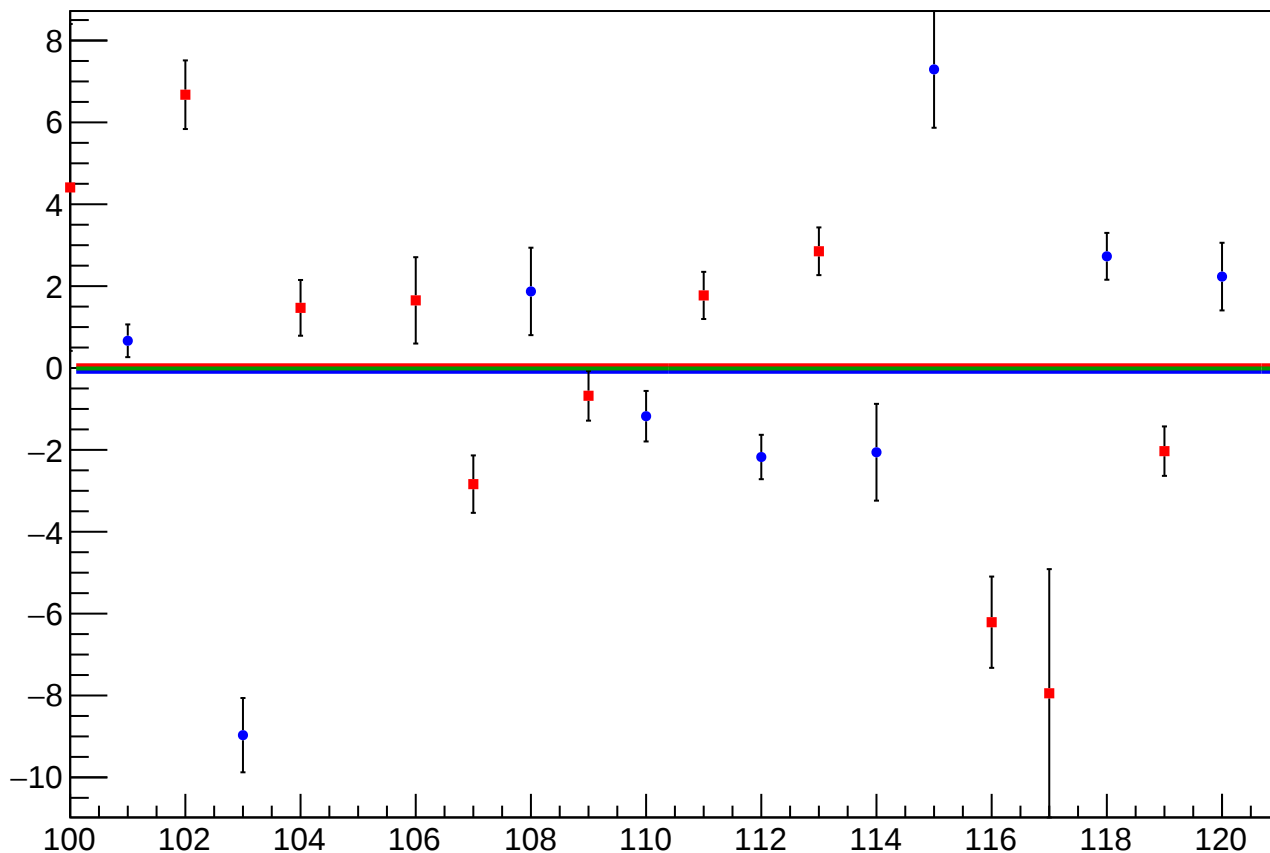
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-10.684 ± 0.347 χ^2/NDF : 856.6/8

0.066 ± 0.228 χ^2/NDF : 3411.5/20

8.287 ± 0.303 χ^2/NDF : 856.7/11

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.092+/-0.223 χ^2/NDF : 182.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.066+/-0.220 χ^2/NDF : 206.9/11

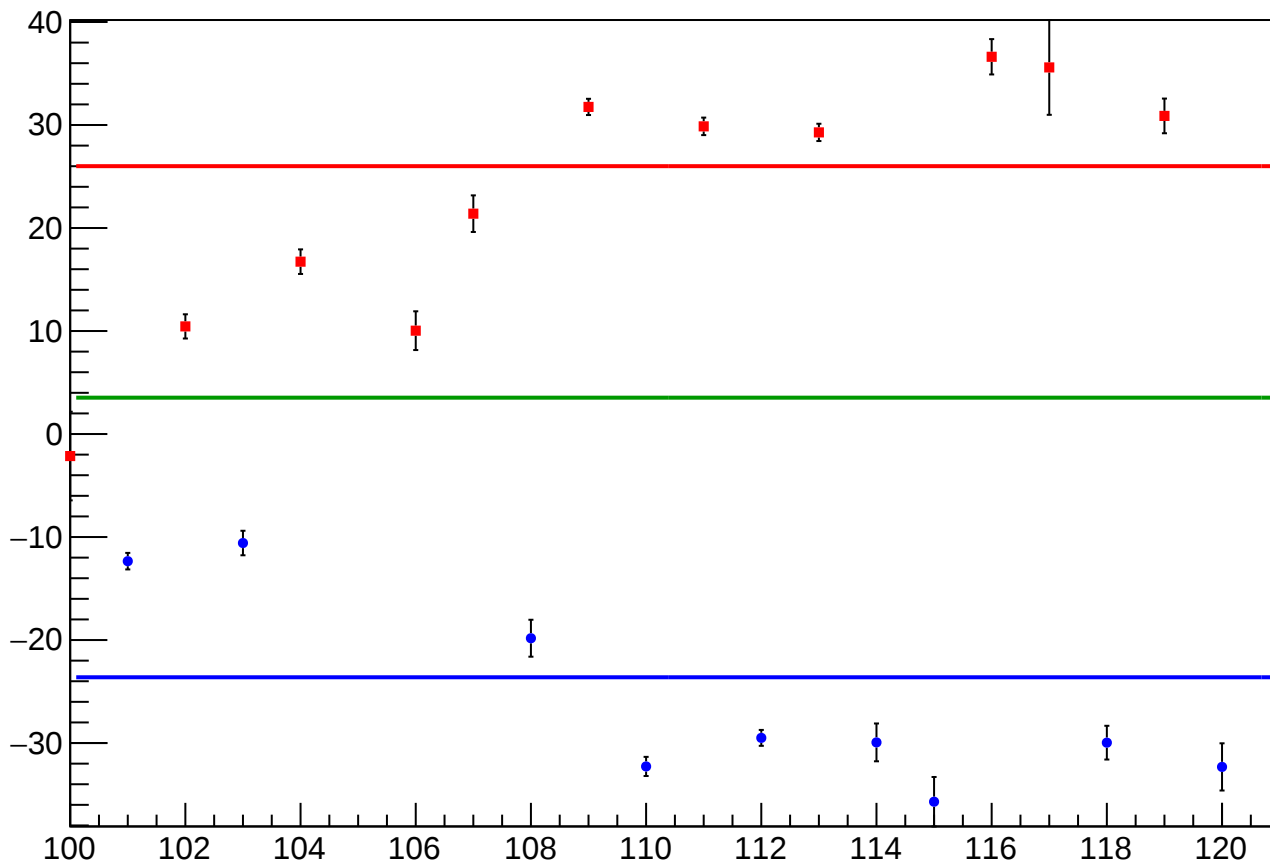
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.092+/-0.223 χ^2/NDF : 182.3/8

-0.012+/-0.157 χ^2/NDF : 389.5/20

0.066+/-0.220 χ^2/NDF : 206.9/11

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -23.615 $\pm$ 0.394 χ^2 /NDF: 533.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 26.004 $\pm$ 0.359 χ^2 /NDF: 497.5/11

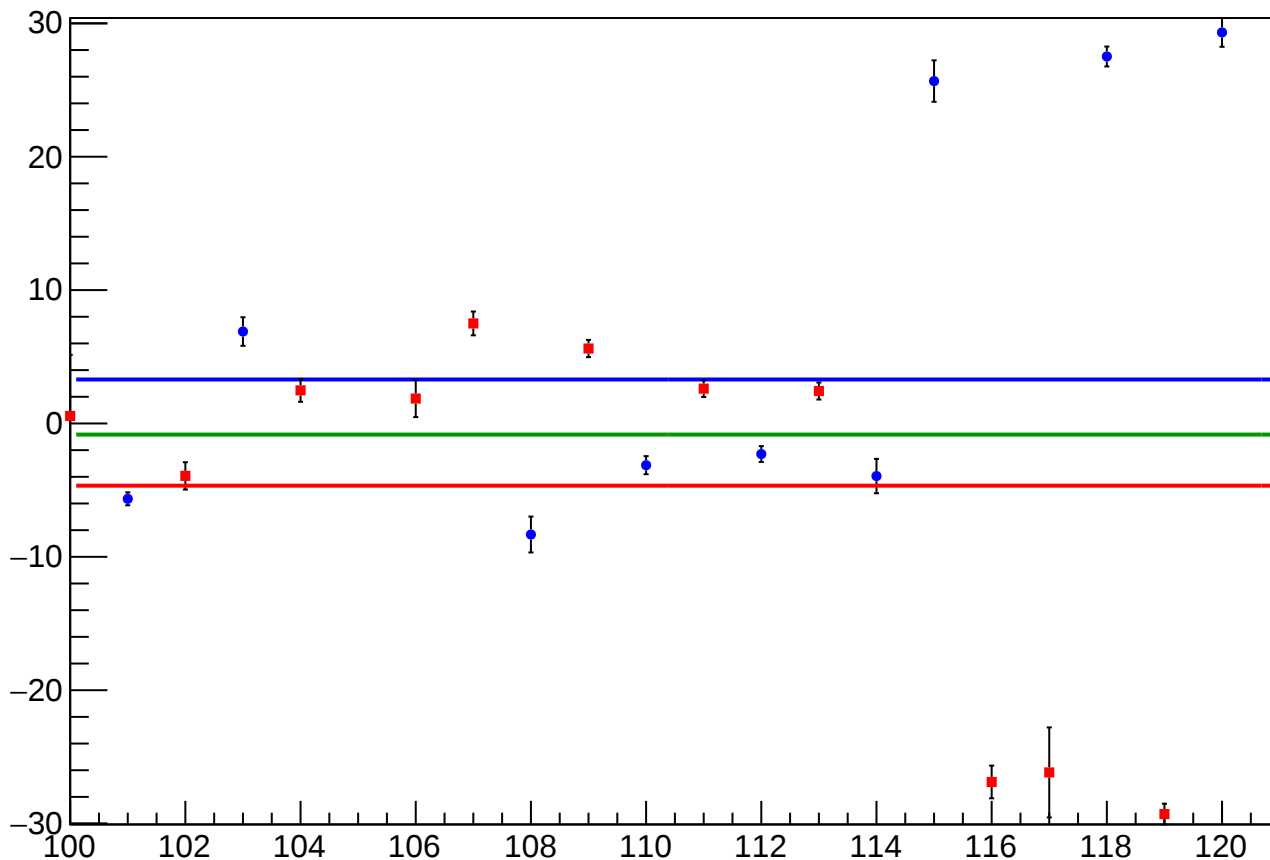
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-23.615 $\pm$ 0.394 χ^2 /NDF: 533.2/8

3.530 $\pm$ 0.265 χ^2 /NDF: 9702.8/20

26.004 $\pm$ 0.359 χ^2 /NDF: 497.5/11

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.297 $\pm$ 0.264 χ^2 /NDF: 2474.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4.663 $\pm$ 0.255 χ^2 /NDF: 2842.4/11

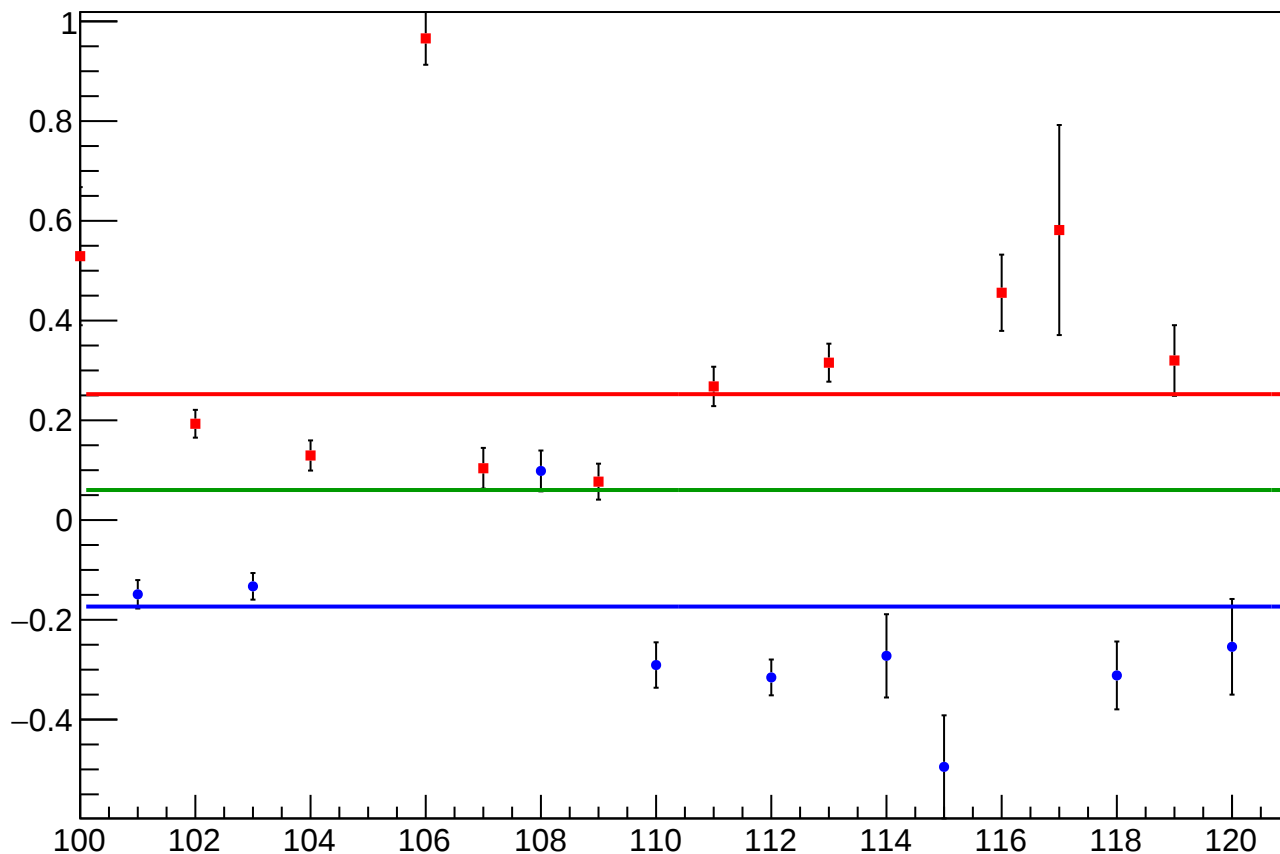
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3.297 $\pm$ 0.264 χ^2 /NDF: 2474.6/8

-0.833 $\pm$ 0.183 χ^2 /NDF: 5787.7/20

-4.663 $\pm$ 0.255 χ^2 /NDF: 2842.4/11

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 $\pm$ 0.014 χ^2 /NDF: 85.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.252 $\pm$ 0.013 χ^2 /NDF: 269.5/11

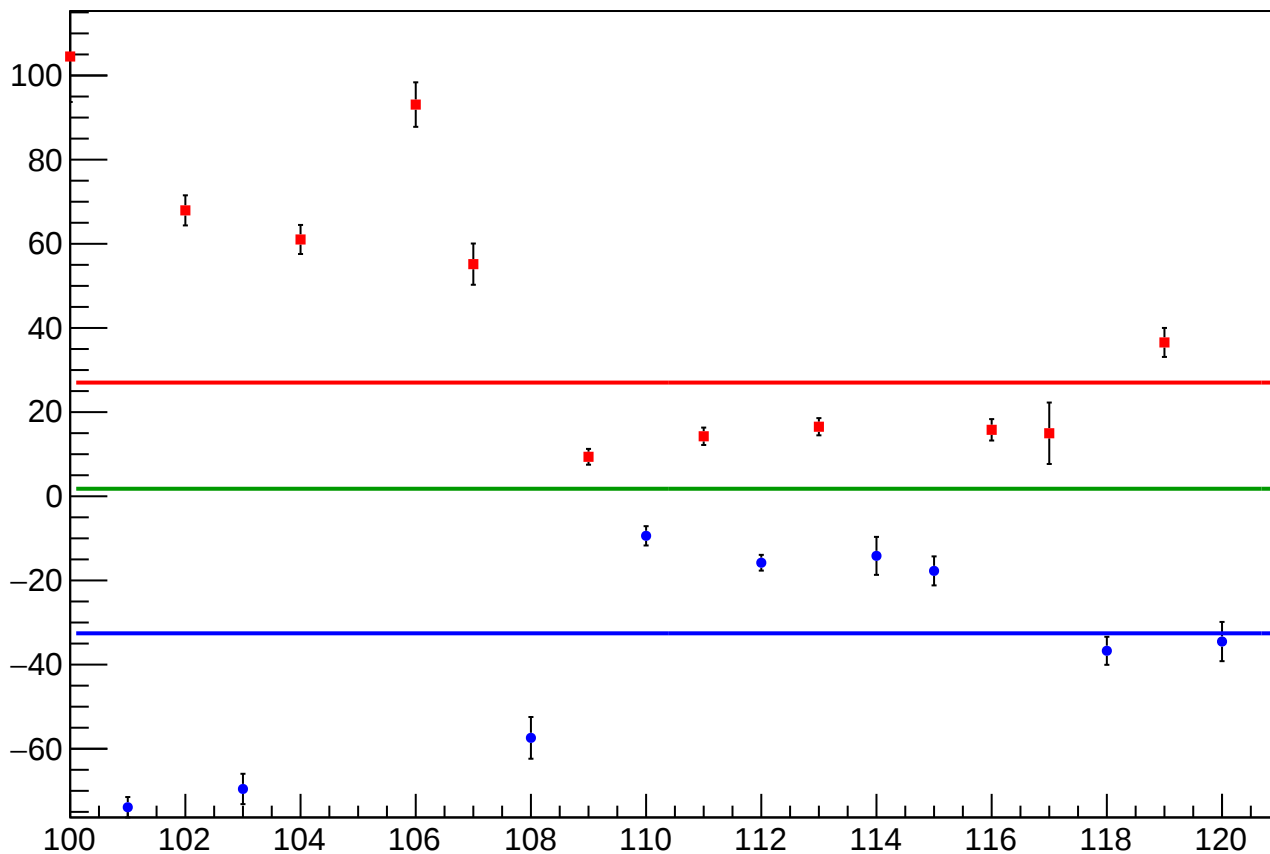
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.173 $\pm$ 0.014 χ^2 /NDF: 85.4/8

0.060 $\pm$ 0.009 χ^2 /NDF: 857.7/20

0.252 $\pm$ 0.013 χ^2 /NDF: 269.5/11

reg_asym_sam_2468_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -32.566 $\pm$ 0.984 χ^2 /NDF: 639.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.022 $\pm$ 0.843 χ^2 /NDF: 664.6/11

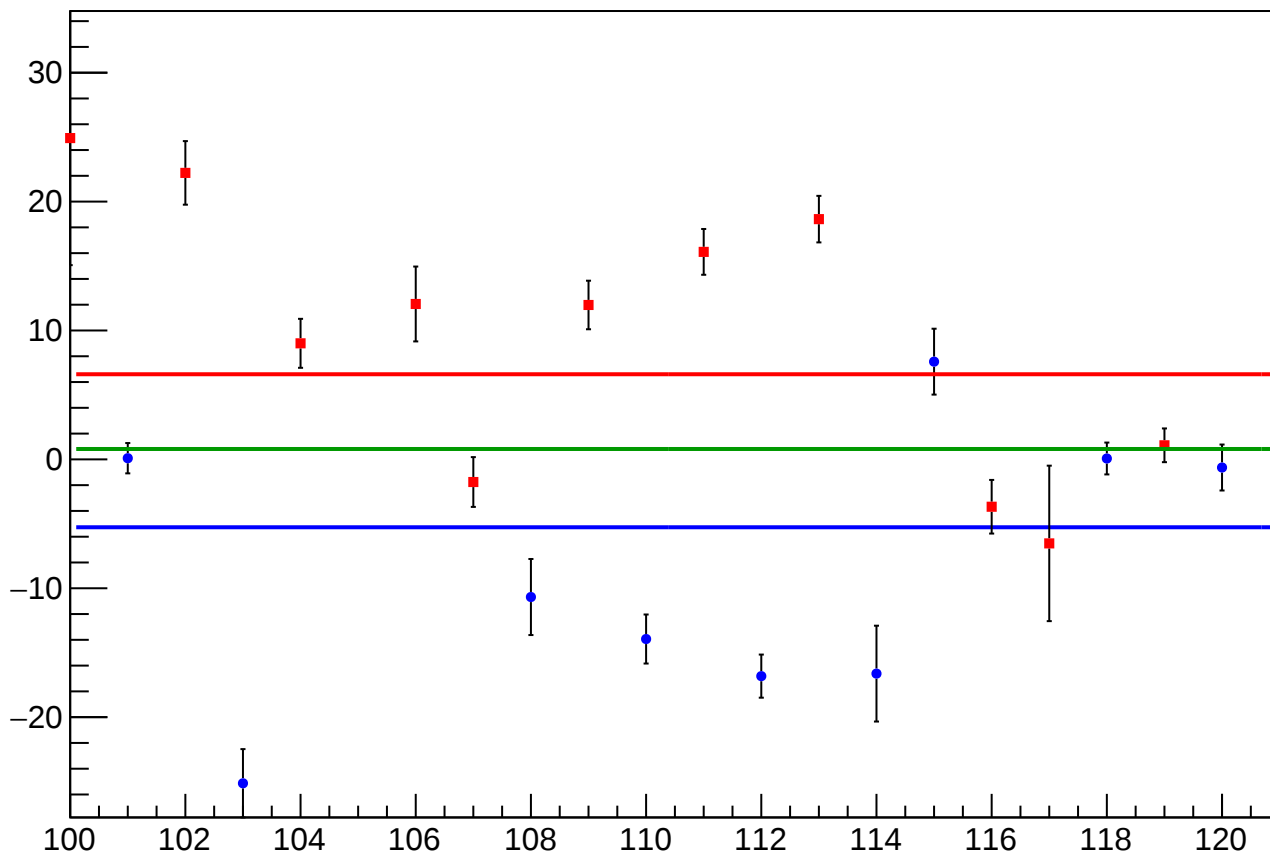
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-32.566 $\pm$ 0.984 χ^2 /NDF: 639.7/8

1.790 $\pm$ 0.640 χ^2 /NDF: 3417.6/20

27.022 $\pm$ 0.843 χ^2 /NDF: 664.6/11

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.267+/-0.597 χ^2/NDF : 208.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.605+/-0.583 χ^2/NDF : 242.4/11

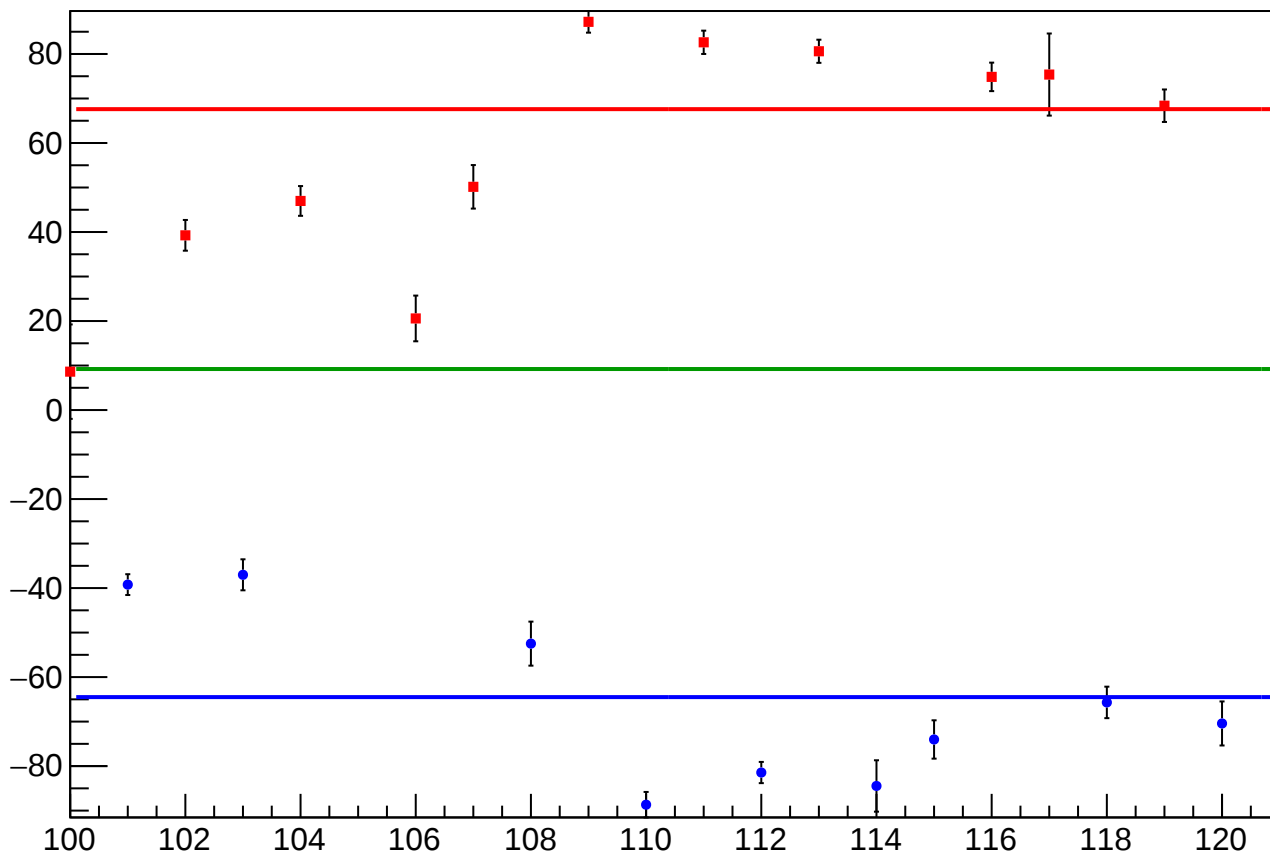
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.267+/-0.597 χ^2/NDF : 208.7/8

0.806+/-0.417 χ^2/NDF : 653.7/20

6.605+/-0.583 χ^2/NDF : 242.4/11

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -64.497 $\pm$ 1.112 χ^2 /NDF: 325.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 67.607 $\pm$ 0.990 χ^2 /NDF: 371.3/11

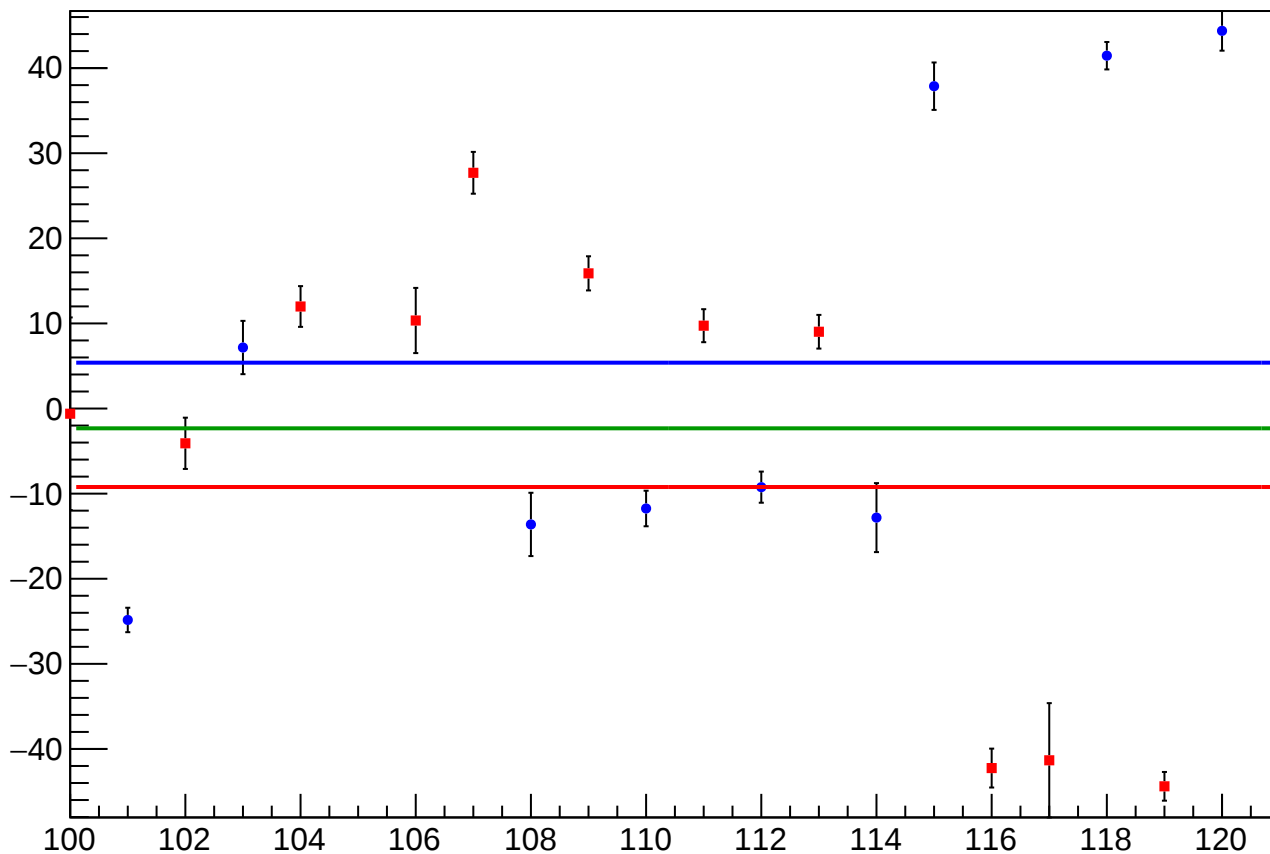
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-64.497 $\pm$ 1.112 χ^2 /NDF: 325.1/8

9.218 $\pm$ 0.739 χ^2 /NDF: 8572.1/20

67.607 $\pm$ 0.990 χ^2 /NDF: 371.3/11

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.388 ± 0.717 χ^2/NDF : 1537.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -9.221 ± 0.678 χ^2/NDF : 1556.3/11

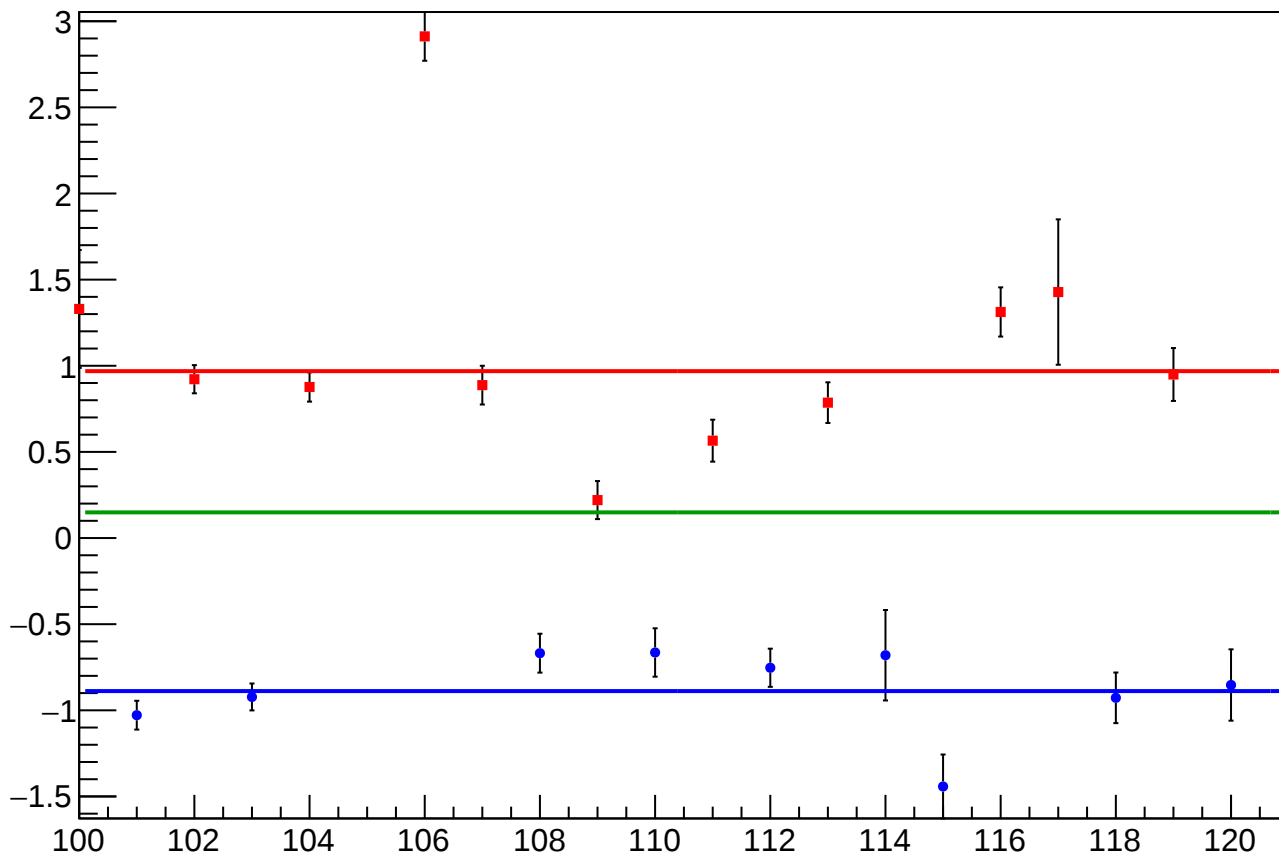
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

5.388 ± 0.717 χ^2/NDF : 1537.6/8

-2.326 ± 0.493 χ^2/NDF : 3313.1/20

-9.221 ± 0.678 χ^2/NDF : 1556.3/11

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.888 ± 0.040 $\chi^2/\text{NDF}: 20.5/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.969 ± 0.035 $\chi^2/\text{NDF}: 259.7/11$

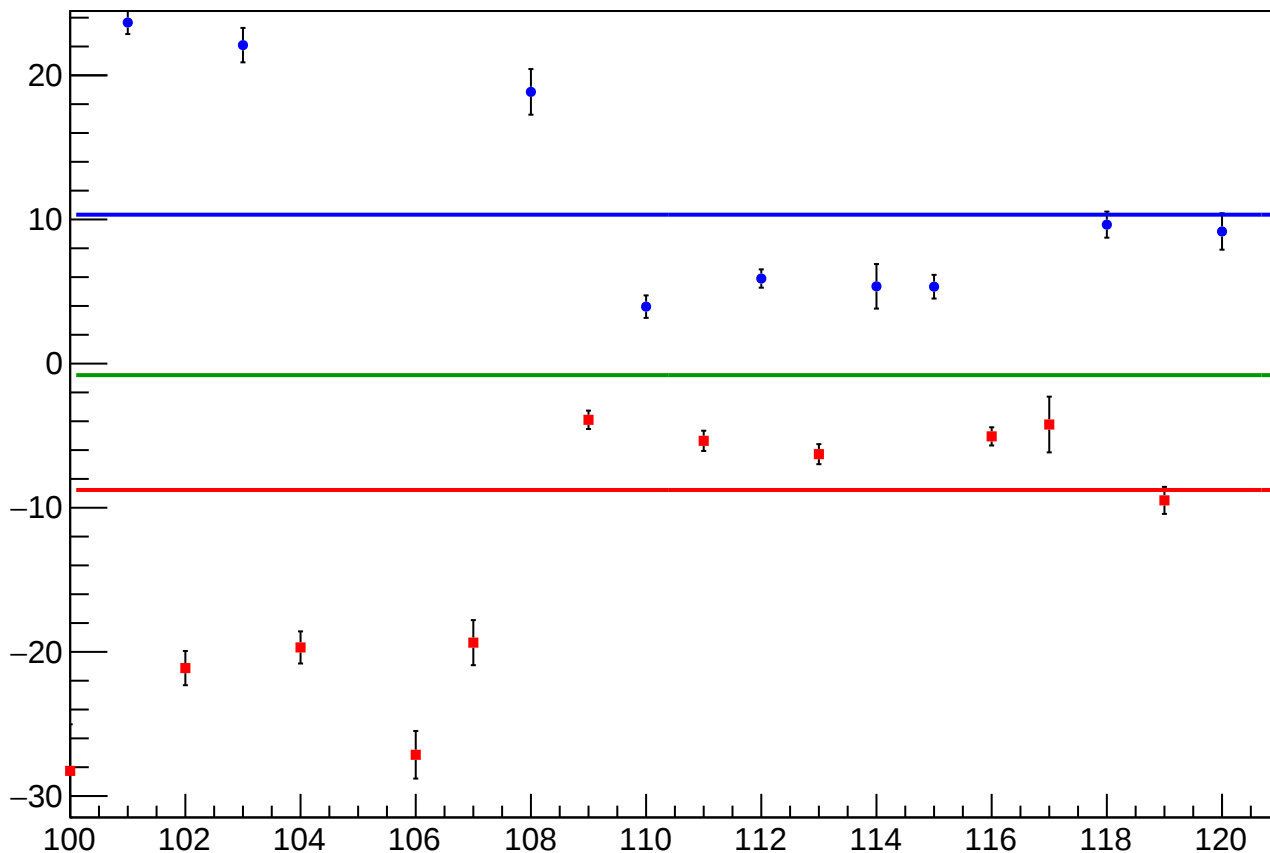
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.888 ± 0.040 $\chi^2/\text{NDF}: 20.5/8$

0.149 ± 0.026 $\chi^2/\text{NDF}: 1495.1/20$

0.969 ± 0.035 $\chi^2/\text{NDF}: 259.7/11$

reg_asym_sam_1357_2468_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 10.333+/-0.308 χ^2/NDF : 568.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.768+/-0.261 χ^2/NDF : 551.1/11

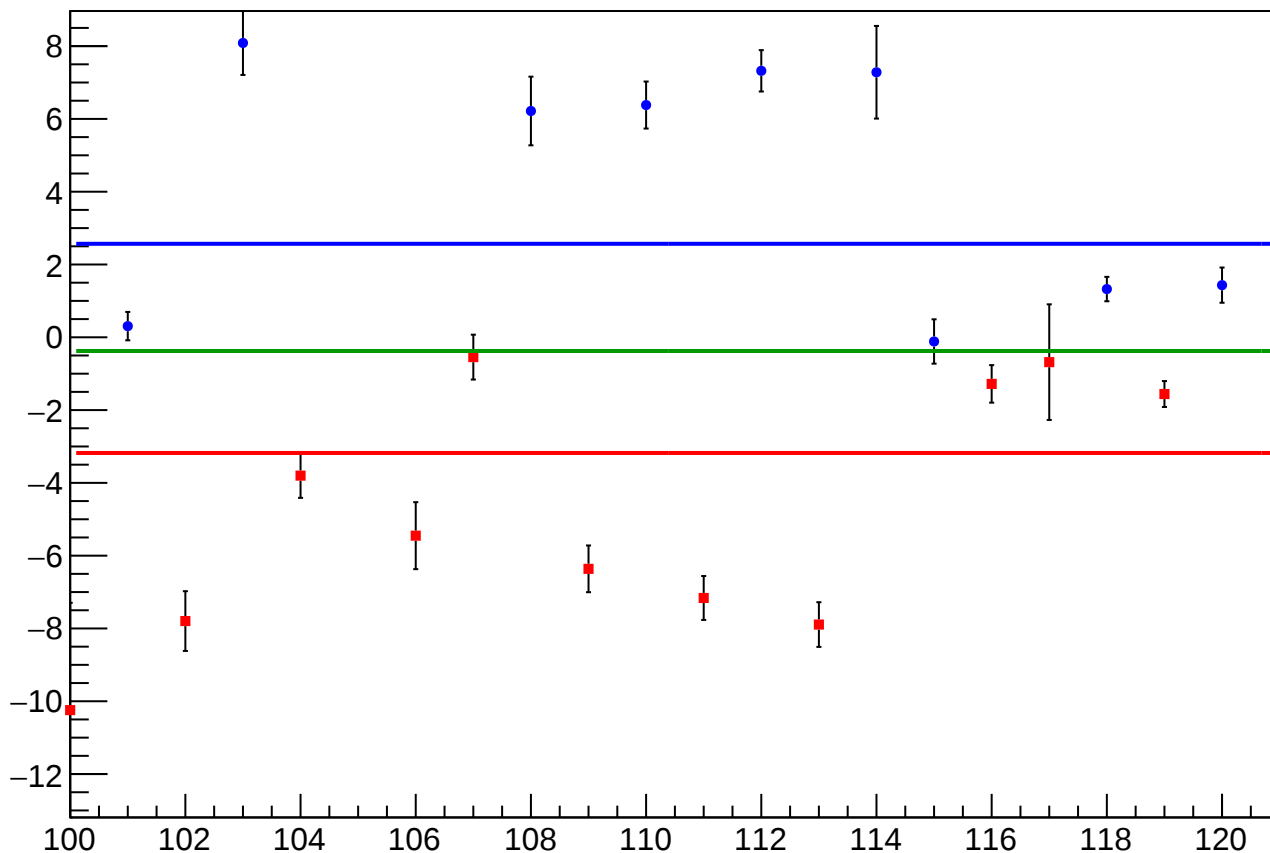
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.333+/-0.308 χ^2/NDF : 568.2/8

-0.799+/-0.199 χ^2/NDF : 3357.9/20

-8.768+/-0.261 χ^2/NDF : 551.1/11

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.569+/-0.180 χ^2/NDF : 245.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.178+/-0.175 χ^2/NDF : 277.9/11

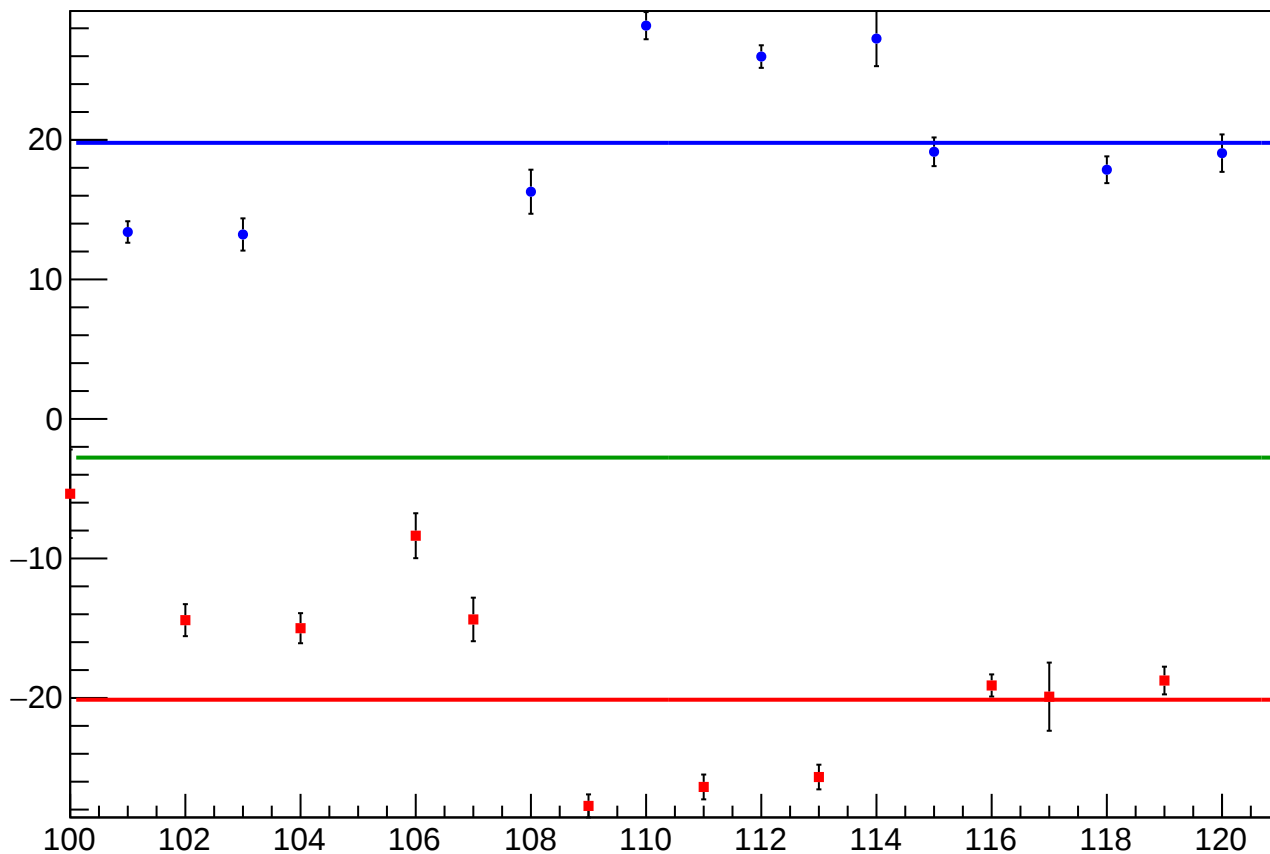
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.569+/-0.180 χ^2/NDF : 245.3/8

-0.376+/-0.125 χ^2/NDF : 1047.4/20

-3.178+/-0.175 χ^2/NDF : 277.9/11

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 19.790 $\pm$ 0.348 χ^2 /NDF: 257.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -20.125 $\pm$ 0.305 χ^2 /NDF: 337.6/11

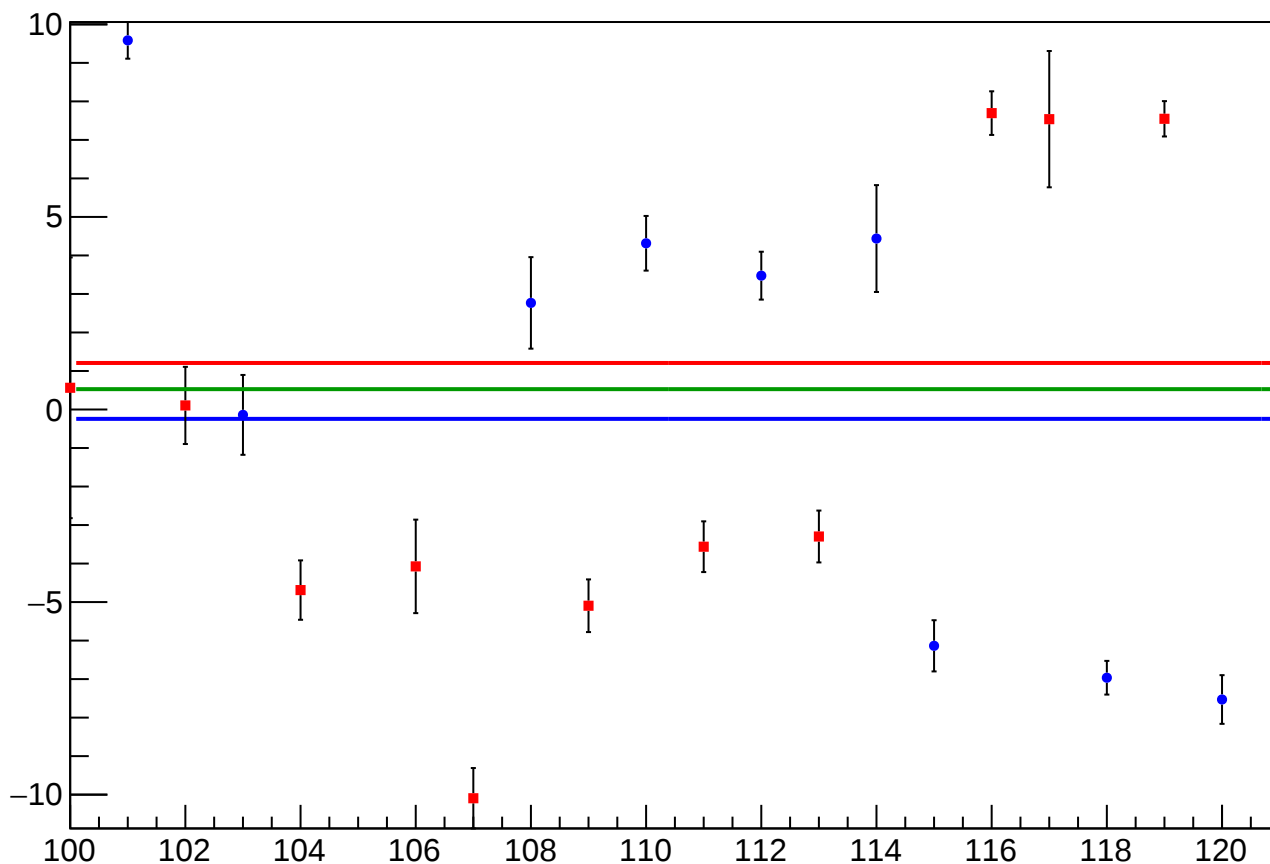
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

19.790 $\pm$ 0.348 χ^2 /NDF: 257.9/8

-2.770 $\pm$ 0.229 χ^2 /NDF: 8034.0/20

-20.125 $\pm$ 0.305 χ^2 /NDF: 337.6/11

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.243+/-0.218 χ^2 /NDF: 968.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1.208+/-0.204 χ^2 /NDF: 859.0/11

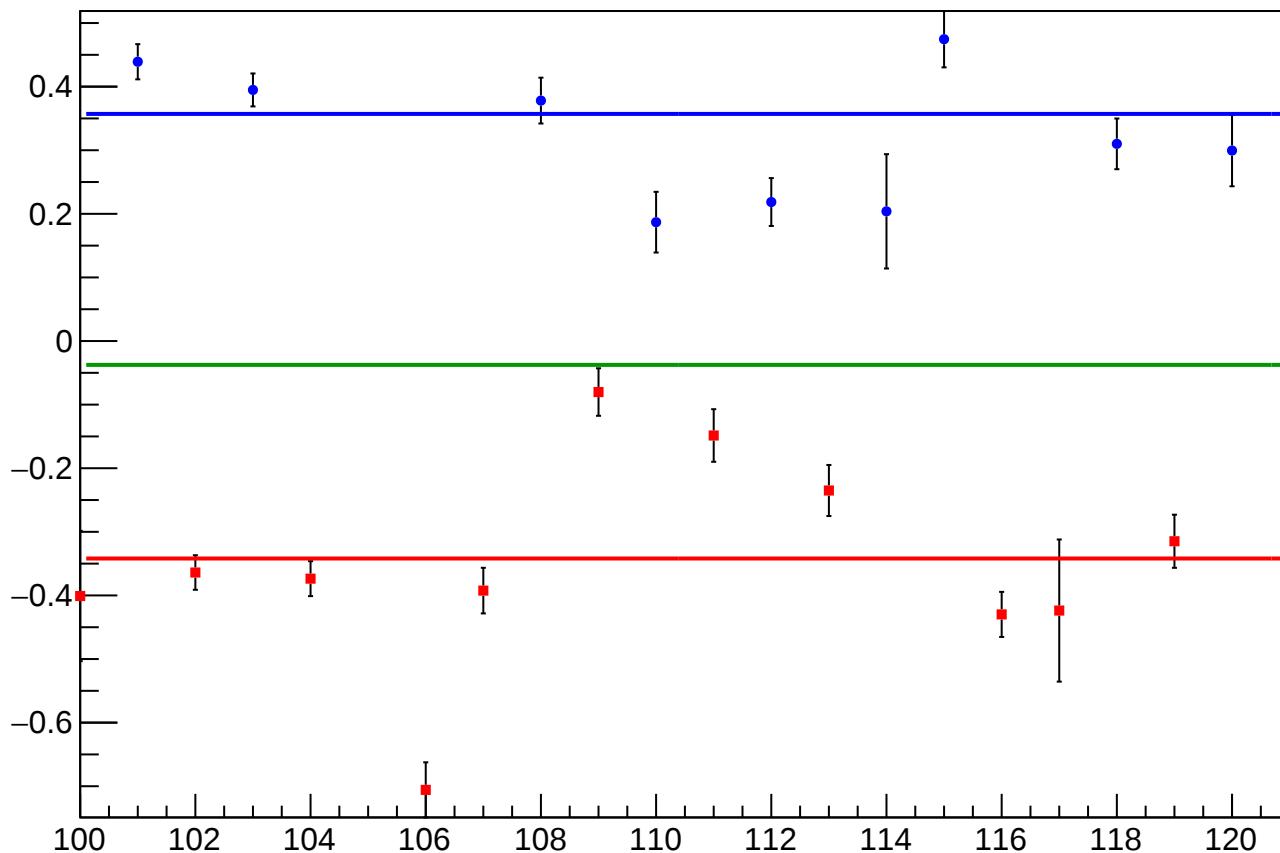
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.243+/-0.218 χ^2 /NDF: 968.4/8

0.528+/-0.149 χ^2 /NDF: 1851.0/20

1.208+/-0.204 χ^2 /NDF: 859.0/11

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.357+/-0.013 χ^2/NDF : 49.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.342+/-0.011 χ^2/NDF : 159.9/11

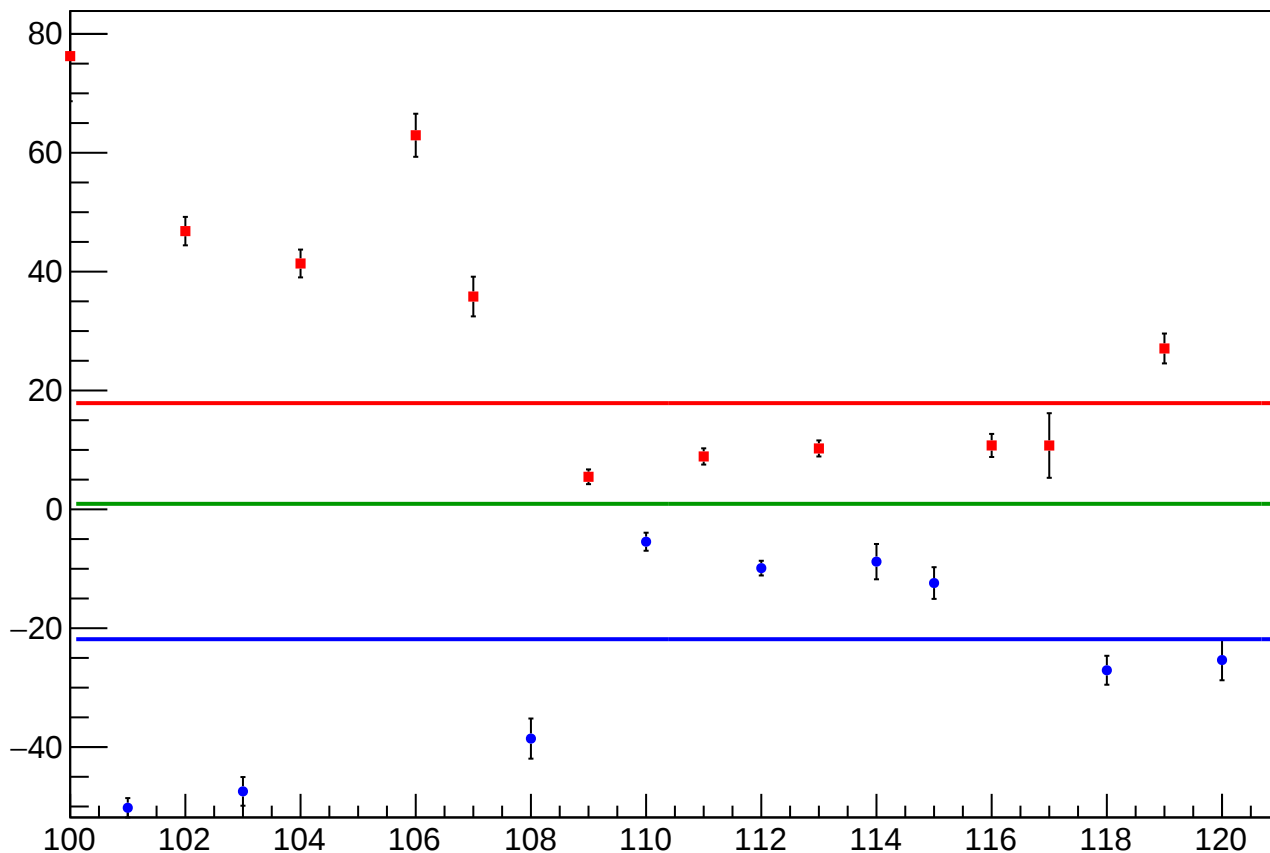
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.357+/-0.013 χ^2/NDF : 49.9/8

-0.038+/-0.008 χ^2/NDF : 1945.7/20

-0.342+/-0.011 χ^2/NDF : 159.9/11

reg_asym_sam_12345678_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -21.849 ± 0.669 χ^2/NDF : 688.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 17.872 ± 0.577 χ^2/NDF : 712.5/11

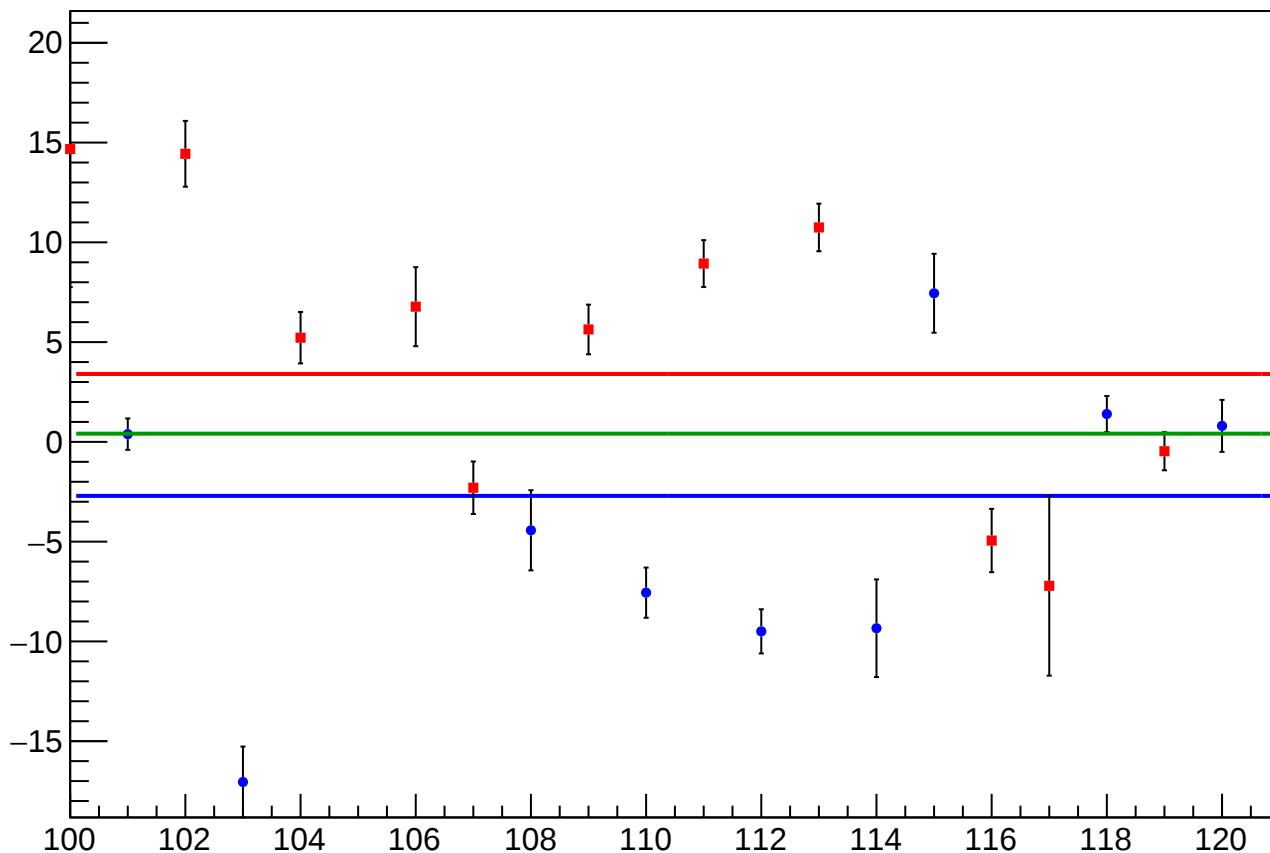
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-21.849 ± 0.669 χ^2/NDF : 688.4/8

0.930 ± 0.437 χ^2/NDF : 3421.3/20

17.872 ± 0.577 χ^2/NDF : 712.5/11

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.707+/-0.413 χ^2 /NDF: 195.5/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 3.403+/-0.404 χ^2 /NDF: 228.6/11

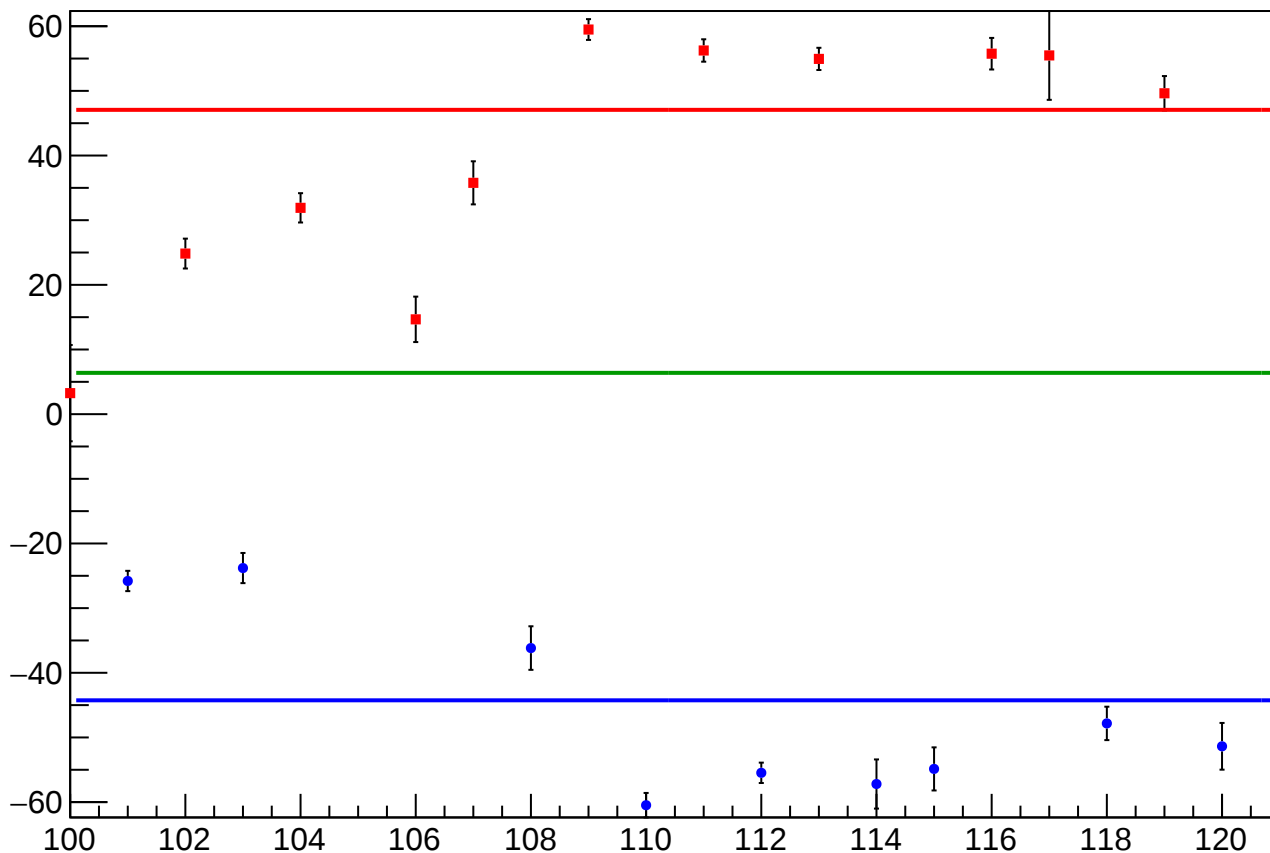
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.707+/-0.413 χ^2 /NDF: 195.5/8

0.411+/-0.289 χ^2 /NDF: 535.9/20

3.403+/-0.404 χ^2 /NDF: 228.6/11

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.257 $\pm$ 0.757 χ^2 /NDF: 372.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 47.066 $\pm$ 0.678 χ^2 /NDF: 397.0/11

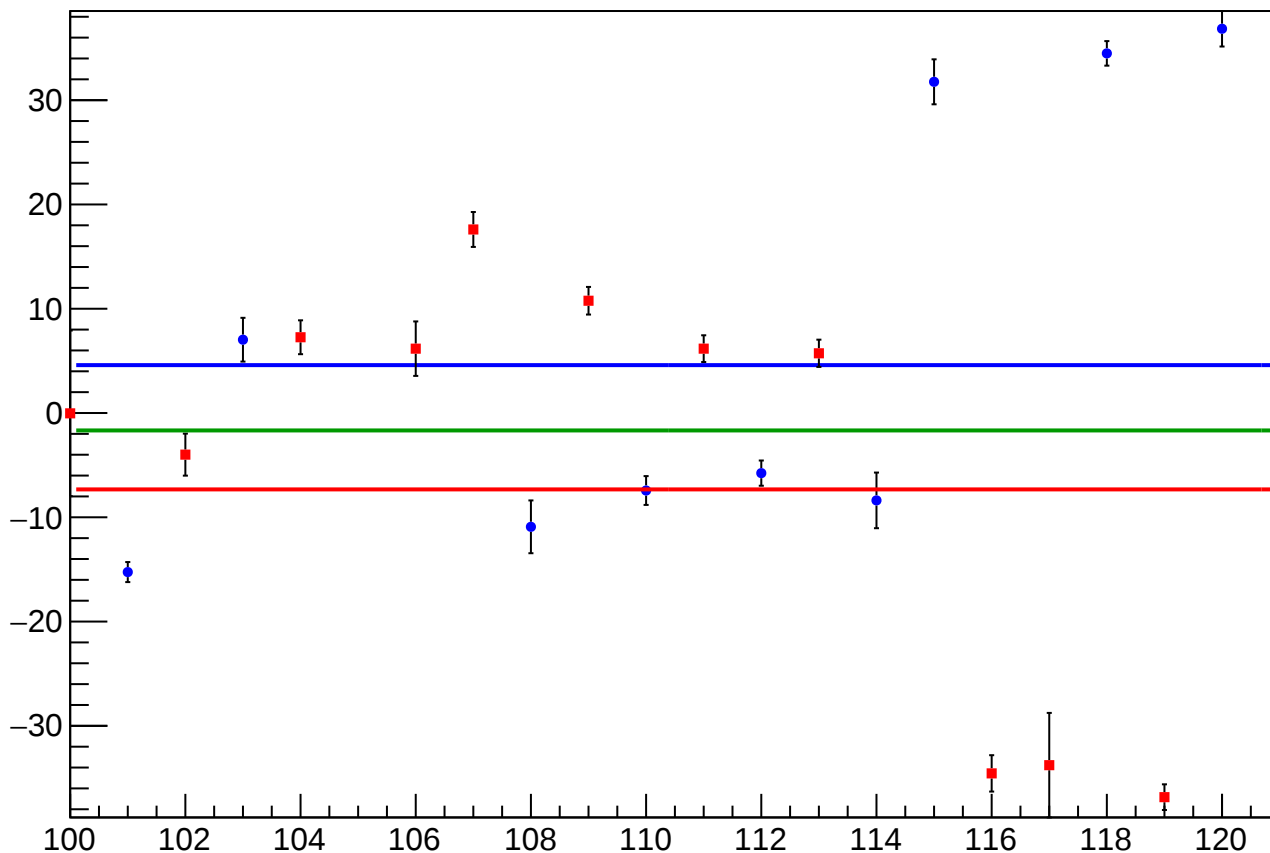
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-44.257 $\pm$ 0.757 χ^2 /NDF: 372.5/8

6.389 $\pm$ 0.505 χ^2 /NDF: 8841.0/20

47.066 $\pm$ 0.678 χ^2 /NDF: 397.0/11

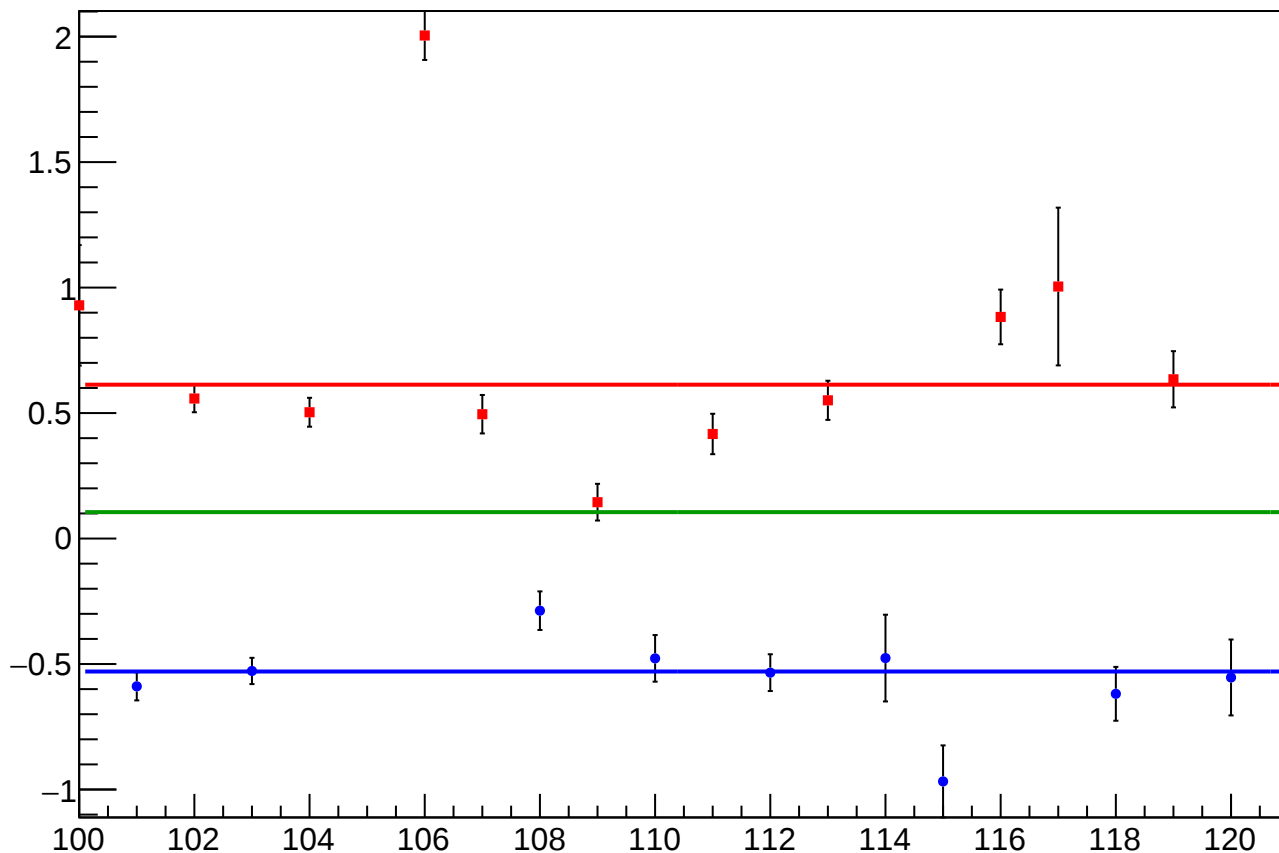
reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.592 $\pm$ 0.494 χ^2 /NDF: 1800.7/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -7.326 $\pm$ 0.470 χ^2 /NDF: 1903.5/11
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

4.592 $\pm$ 0.494 χ^2 /NDF: 1800.7/8
 -1.672 $\pm$ 0.340 χ^2 /NDF: 4010.0/20
 -7.326 $\pm$ 0.470 χ^2 /NDF: 1903.5/11

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.530 ± 0.027 χ^2/NDF : 21.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.613 ± 0.024 χ^2/NDF : 271.3/11

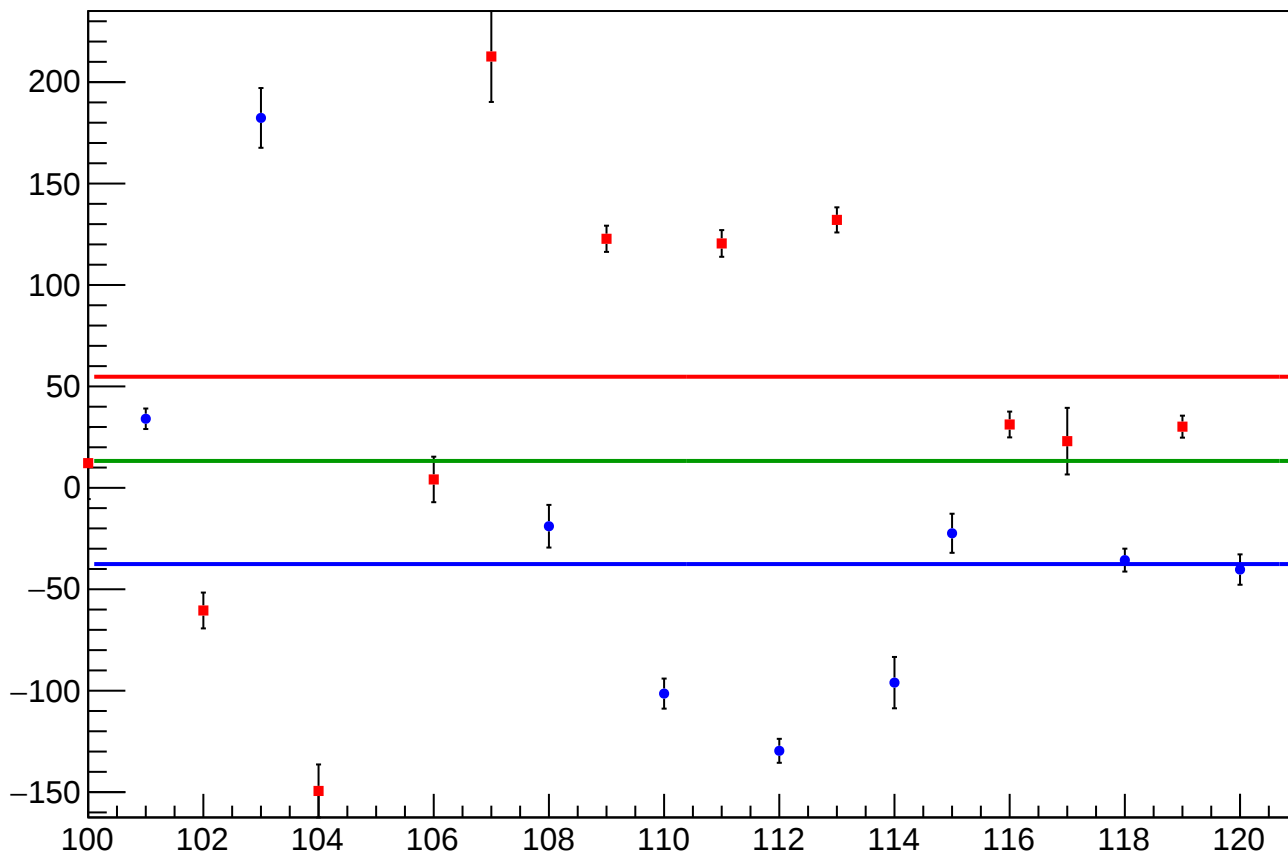
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.530 ± 0.027 χ^2/NDF : 21.5/8

0.105 ± 0.018 χ^2/NDF : 1285.8/20

0.613 ± 0.024 χ^2/NDF : 271.3/11

reg_asym_atl1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -37.575+/-2.455 χ^2/NDF : 768.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.776+/-2.218 χ^2/NDF : 909.4/11

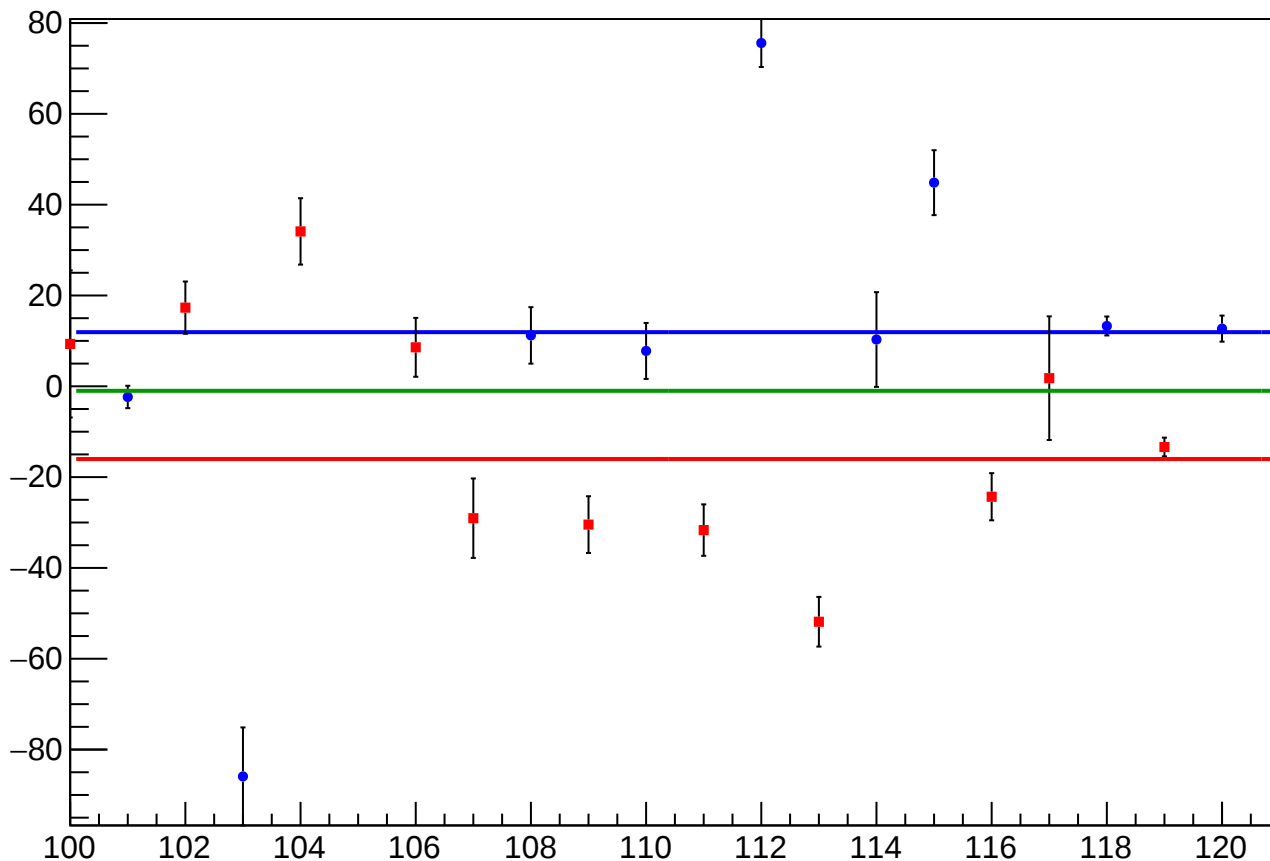
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-37.575+/-2.455 χ^2/NDF : 768.2/8

13.263+/-1.646 χ^2/NDF : 2456.6/20

54.776+/-2.218 χ^2/NDF : 909.4/11

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.922+/-1.248 χ^2/NDF : 283.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.013+/-1.346 χ^2/NDF : 168.4/11

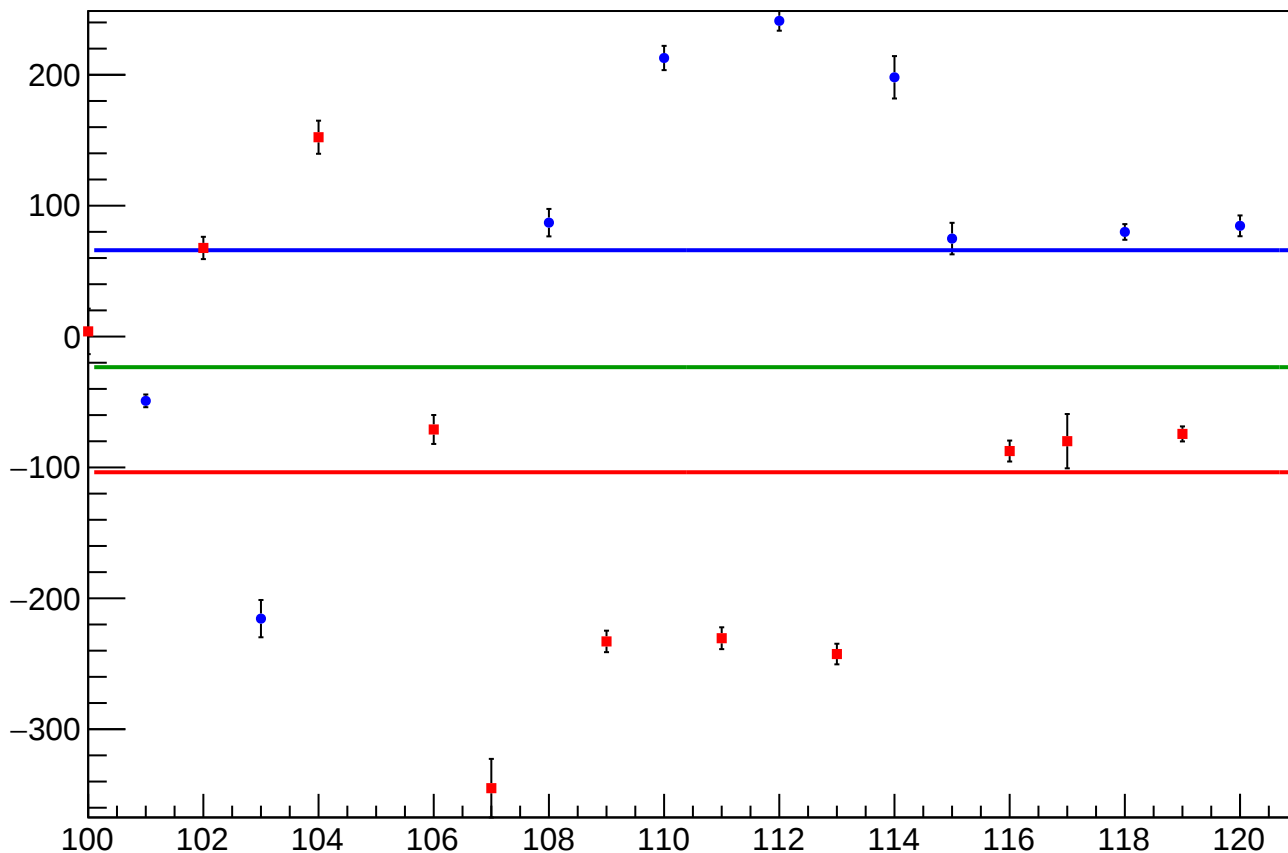
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11.922+/-1.248 χ^2/NDF : 283.2/8

-0.995+/-0.915 χ^2/NDF : 683.1/20

-16.013+/-1.346 χ^2/NDF : 168.4/11

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 65.973+/-2.673 χ^2/NDF : 1825.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -103.676+/-2.534 χ^2/NDF : 1815.4/11

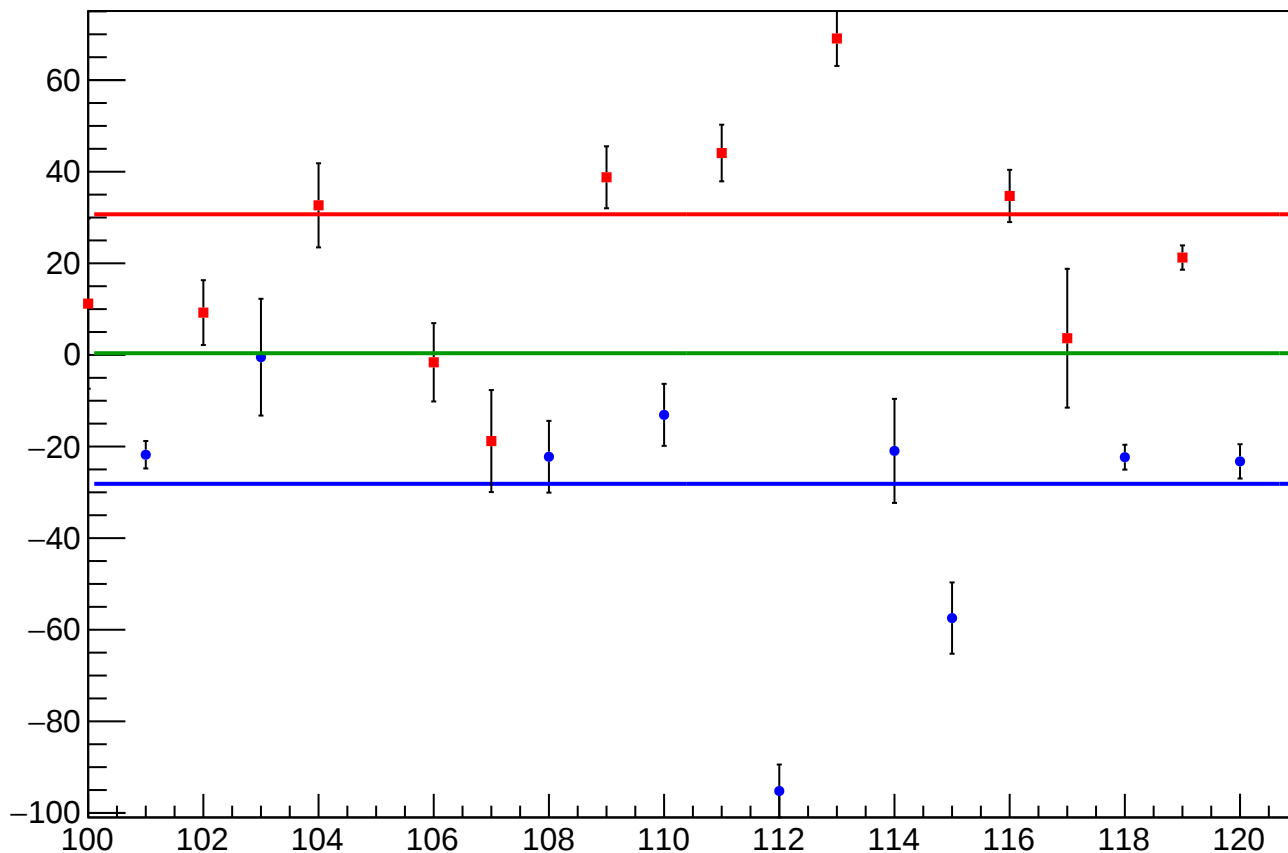
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

65.973+/-2.673 χ^2/NDF : 1825.4/8

-23.388+/-1.839 χ^2/NDF : 5762.5/20

-103.676+/-2.534 χ^2/NDF : 1815.4/11

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -28.143+/-1.550 χ^2/NDF : 170.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.707+/-1.598 χ^2/NDF : 121.1/11

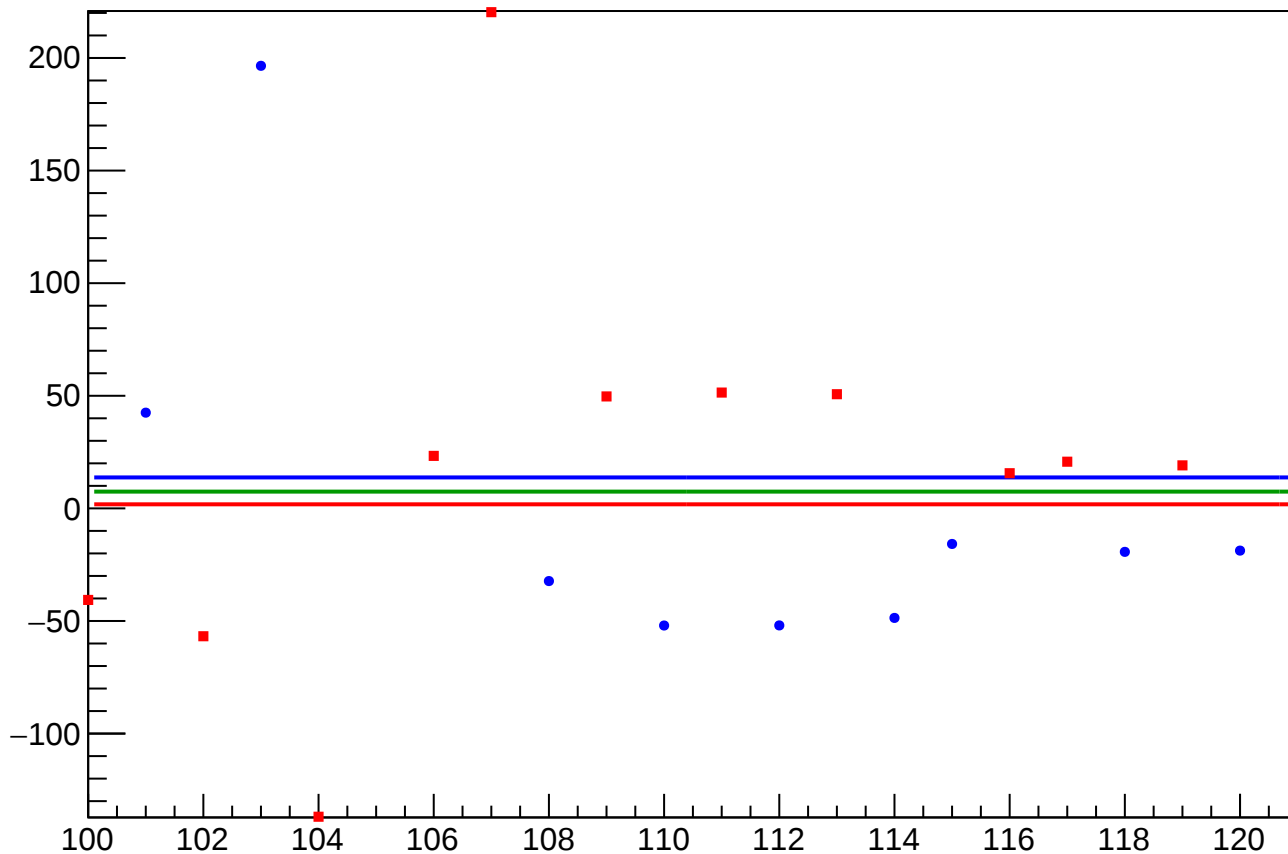
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-28.143+/-1.550 χ^2/NDF : 170.4/8

0.371+/-1.113 χ^2/NDF : 990.3/20

30.707+/-1.598 χ^2/NDF : 121.1/11

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 13.745 ± 0.098 χ^2/NDF : 485938.8/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.804 ± 0.093 χ^2/NDF : 524534.1/11

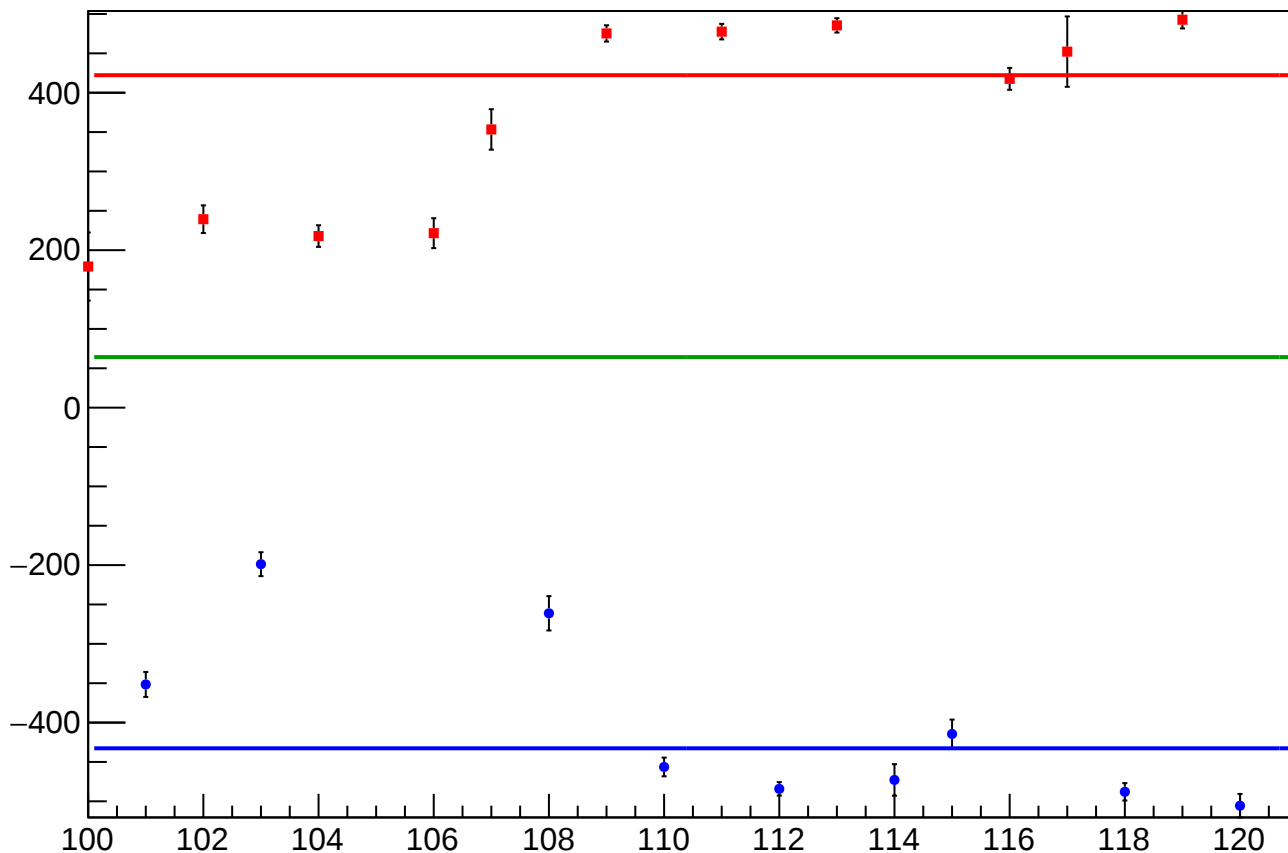
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

13.745 ± 0.098 χ^2/NDF : 485938.8/8

7.445 ± 0.067 χ^2/NDF : 1018306.0/20

1.804 ± 0.093 χ^2/NDF : 524534.1/11

reg_asym_atl2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -432.672+/-4.503 χ^2 /NDF: 419.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 422.232+/-3.822 χ^2 /NDF: 627.3/11

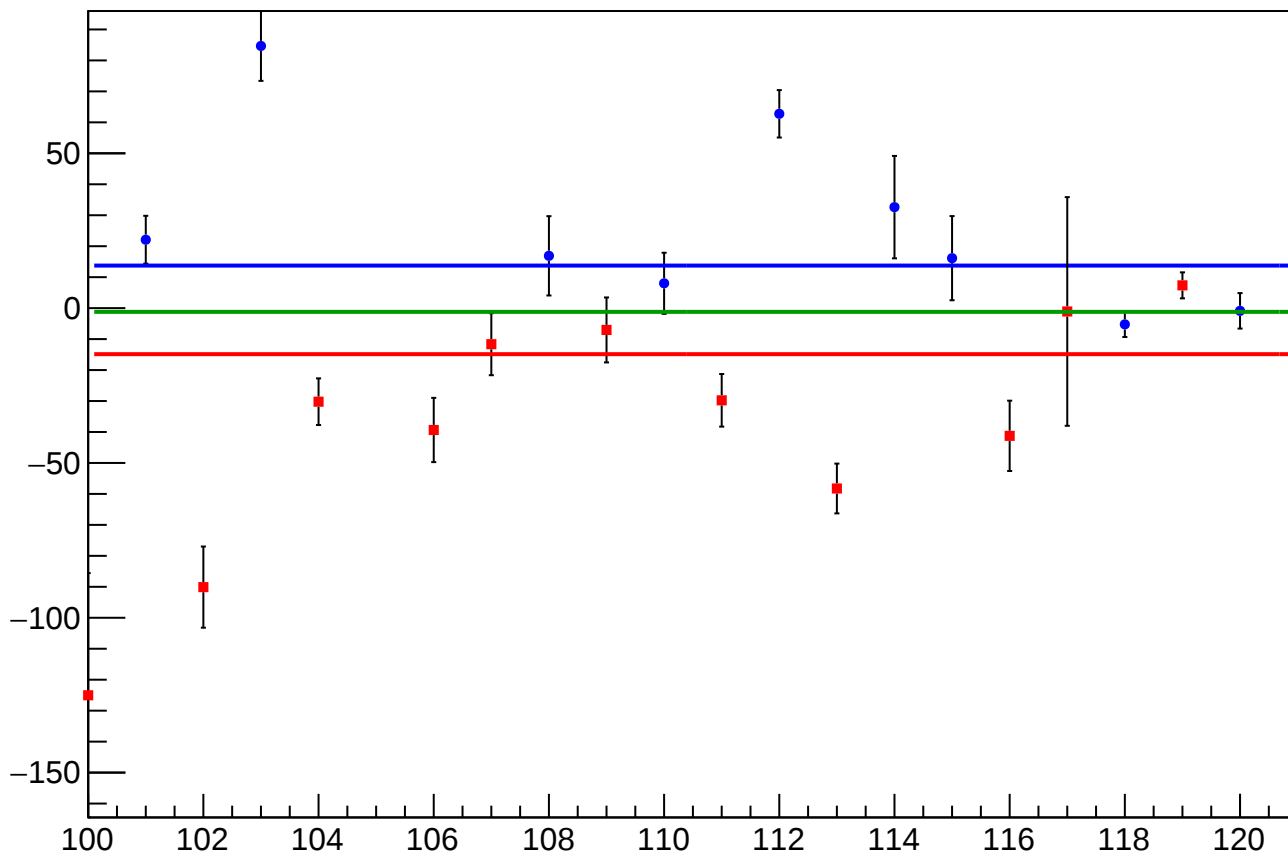
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-432.672+/-4.503 χ^2 /NDF: 419.4/8

64.211+/-2.914 χ^2 /NDF: 21998.8/20

422.232+/-3.822 χ^2 /NDF: 627.3/11

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.744+/-2.523 χ^2/NDF : 111.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.868+/-2.412 χ^2/NDF : 137.4/11

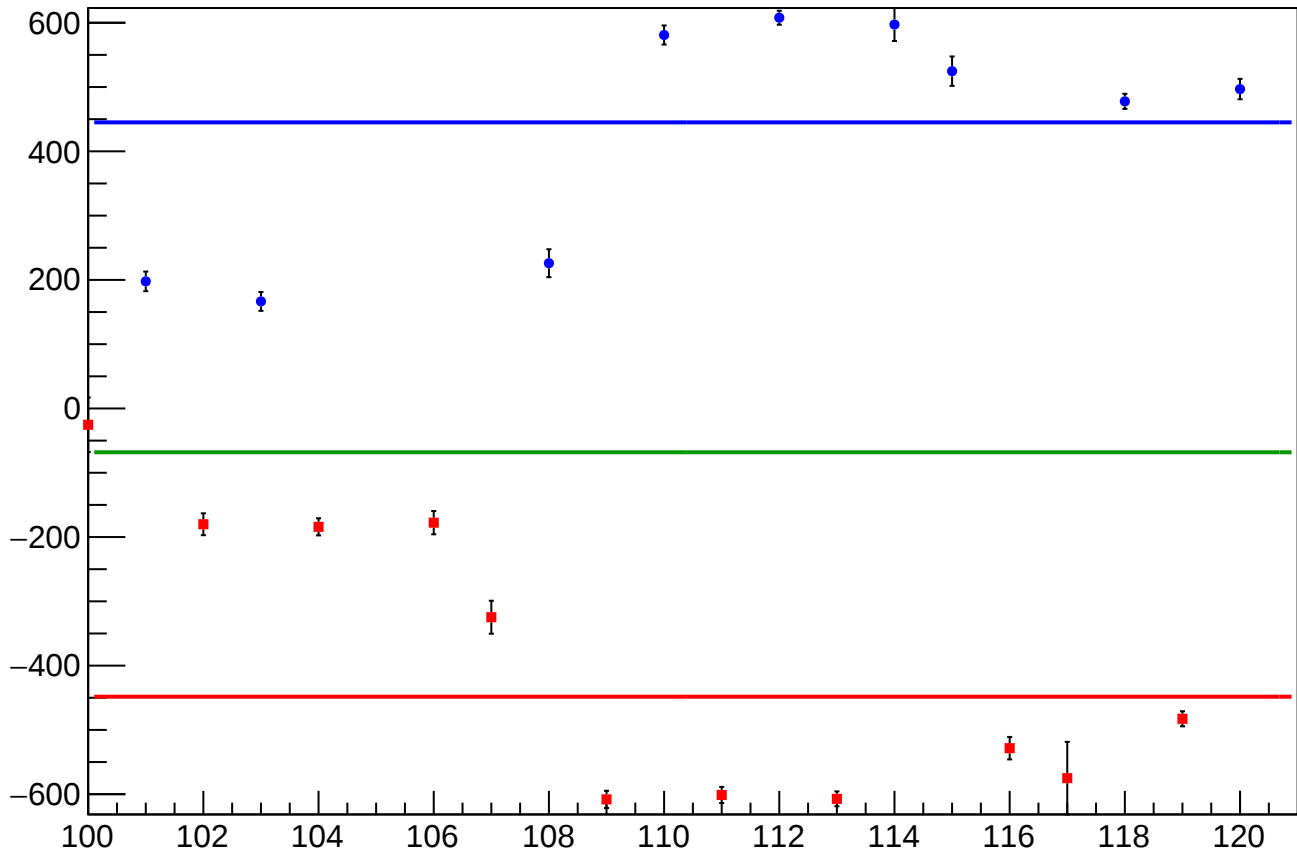
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13.744+/-2.523 χ^2/NDF : 111.4/8

-1.202+/-1.743 χ^2/NDF : 316.0/20

-14.868+/-2.412 χ^2/NDF : 137.4/11

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 445.053+/-5.085 χ^2/NDF : 1095.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -448.324+/-4.377 χ^2/NDF : 1506.0/11

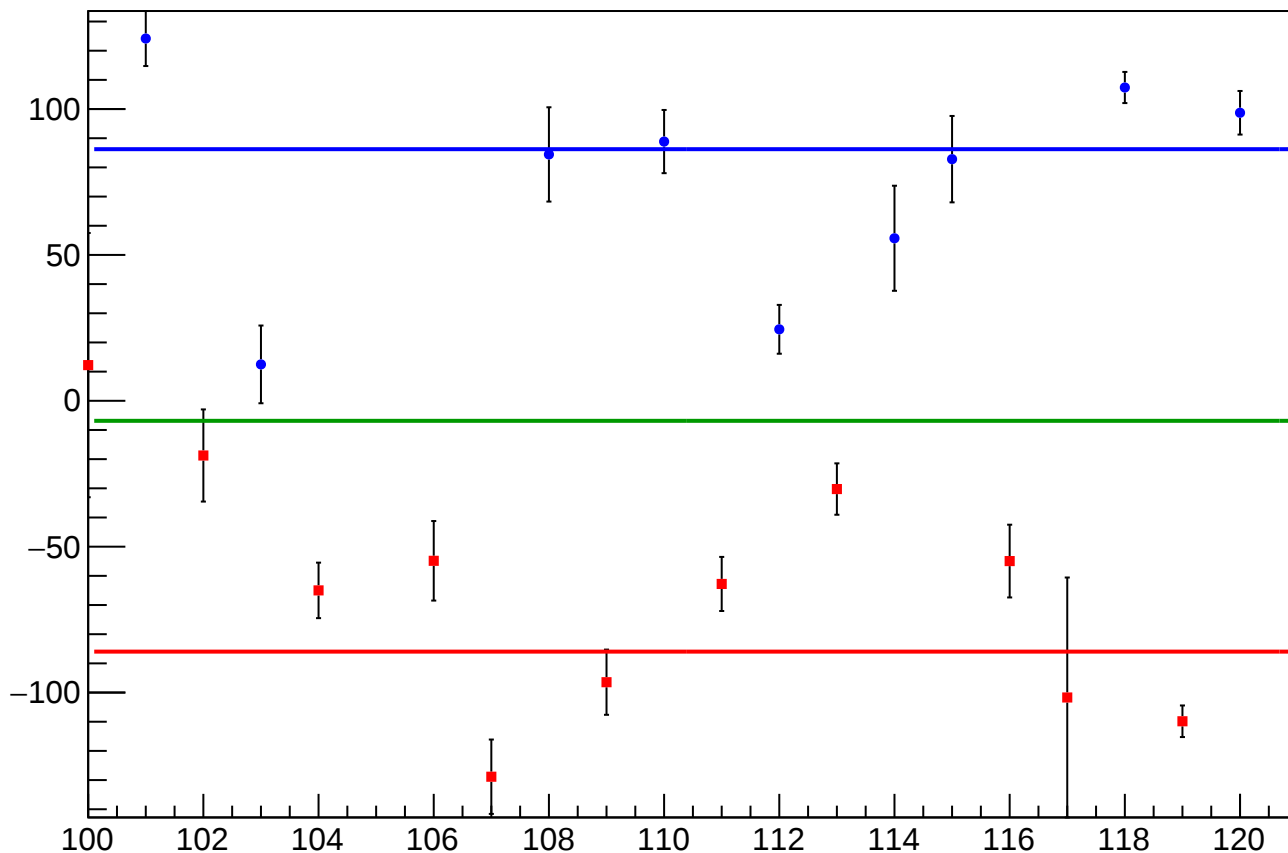
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

445.053+/-5.085 χ^2/NDF : 1095.9/8

-68.140+/-3.317 χ^2/NDF : 20334.1/20

-448.324+/-4.377 χ^2/NDF : 1506.0/11

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 86.246+/-3.099 χ^2 /NDF: 122.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -85.969+/-2.856 χ^2 /NDF: 141.8/11

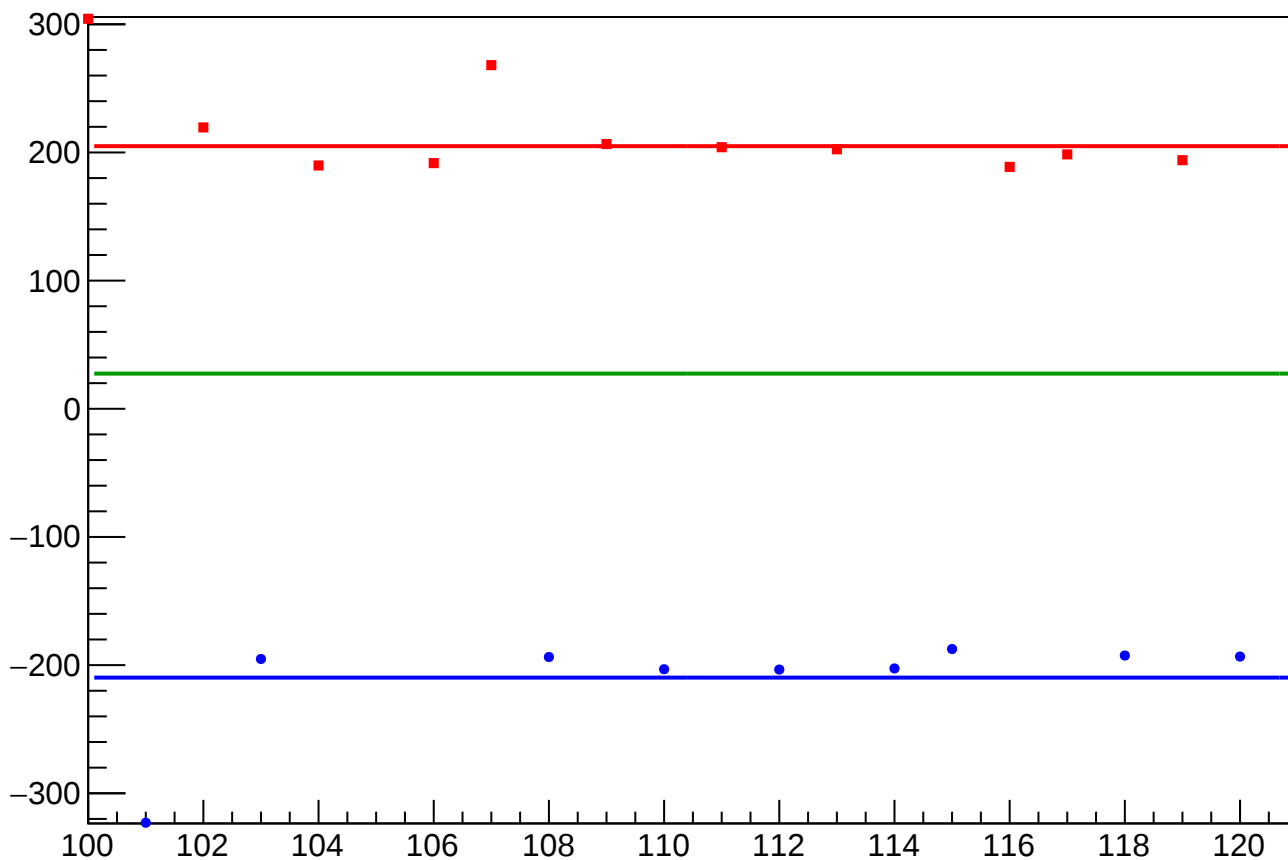
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

86.246+/-3.099 χ^2 /NDF: 122.8/8

-6.864+/-2.100 χ^2 /NDF: 1934.6/20

-85.969+/-2.856 χ^2 /NDF: 141.8/11

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -209.739+/-0.181 χ^2 /NDF: 47920.9/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 204.910+/-0.156 χ^2 /NDF: 23133.7/11

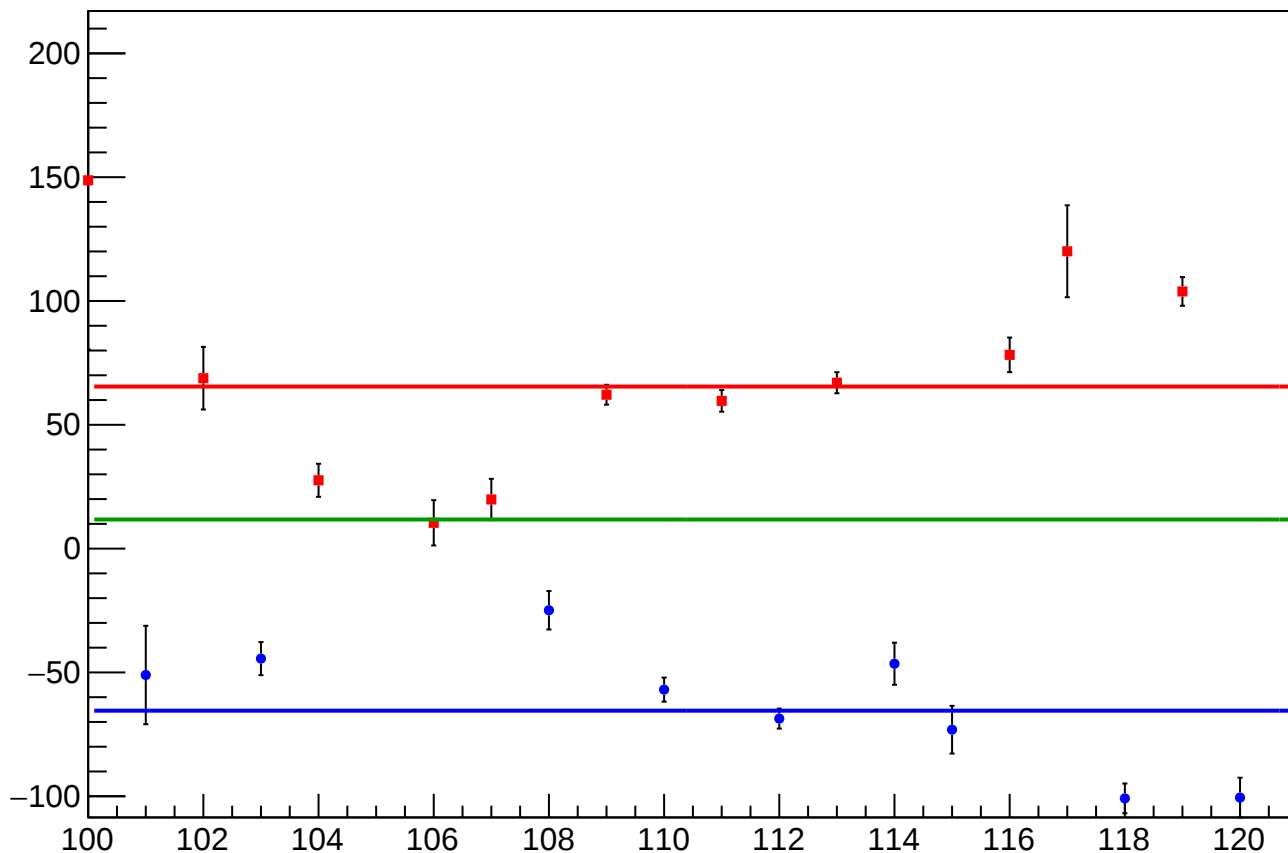
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-209.739+/-0.181 χ^2 /NDF: 47920.9/8

27.457+/-0.118 χ^2 /NDF: 3077370.0/20

204.910+/-0.156 χ^2 /NDF: 23133.7/11

reg_asym_atr1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -65.443+/-2.166 χ^2/NDF : 100.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.449+/-1.807 χ^2/NDF : 192.4/11

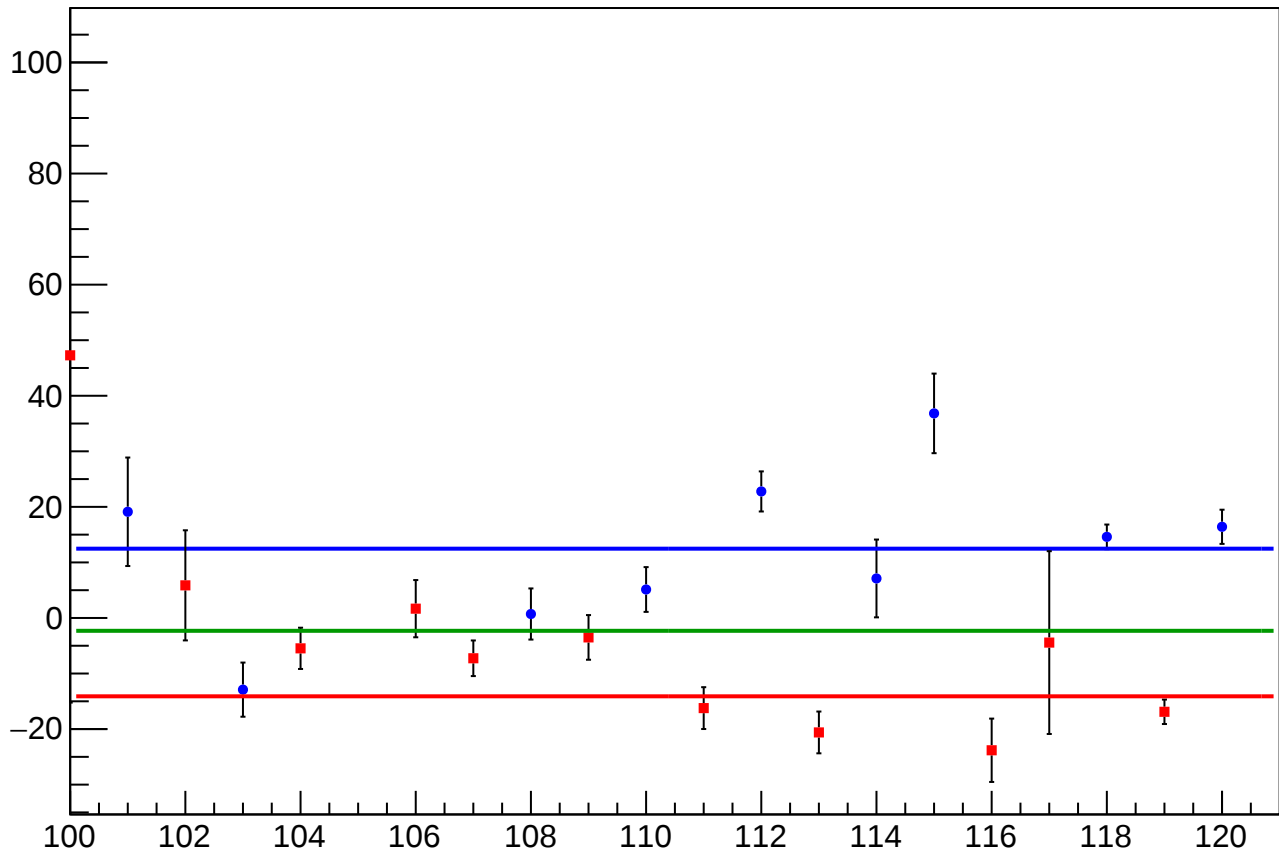
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-65.443+/-2.166 χ^2/NDF : 100.9/8

11.760+/-1.388 χ^2/NDF : 2446.3/20

65.449+/-1.807 χ^2/NDF : 192.4/11

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.473+/-1.305 χ^2/NDF : 60.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.103+/-1.165 χ^2/NDF : 62.6/11

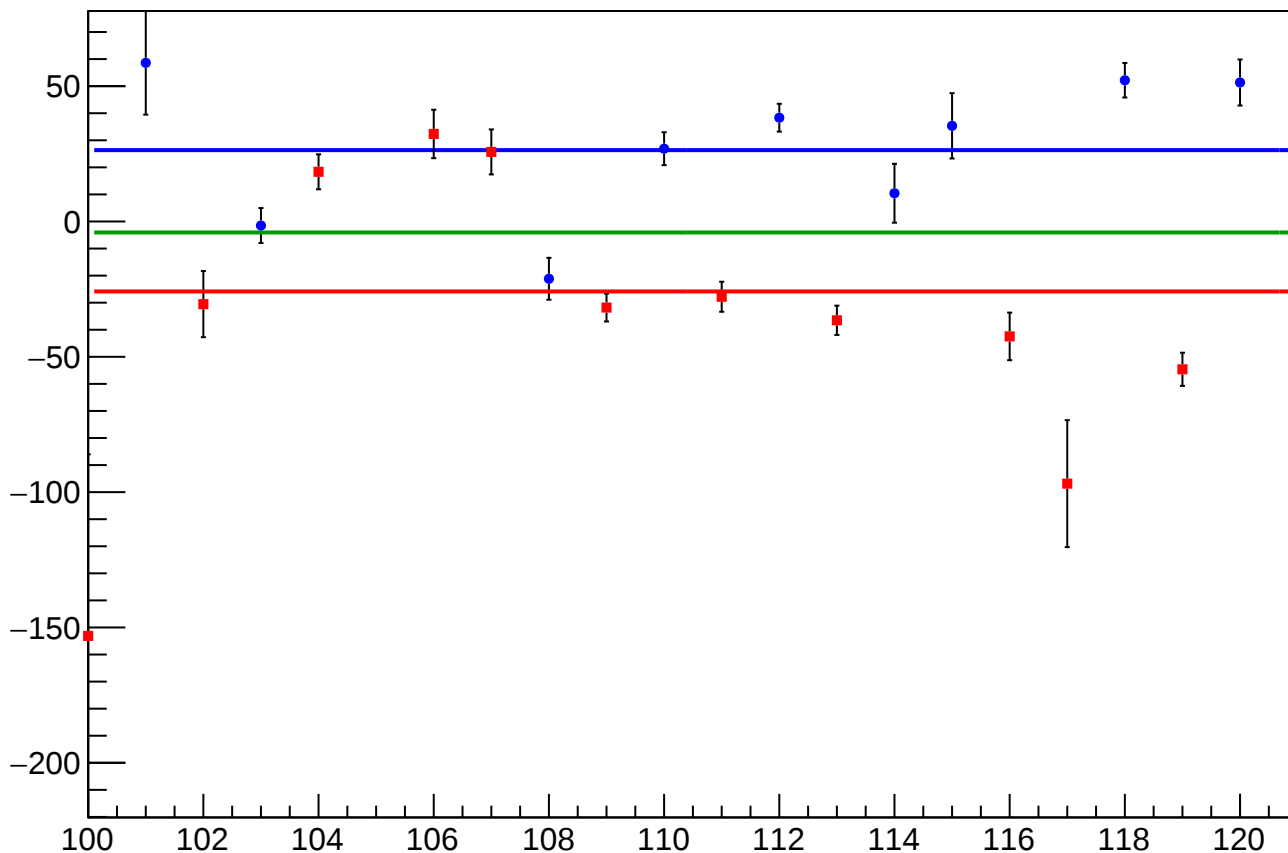
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12.473+/-1.305 χ^2/NDF : 60.3/8

-2.312+/-0.869 χ^2/NDF : 353.7/20

-14.103+/-1.165 χ^2/NDF : 62.6/11

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 26.361+/-2.484 χ^2 /NDF: 92.3/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -25.853+/-2.103 χ^2 /NDF: 193.9/11

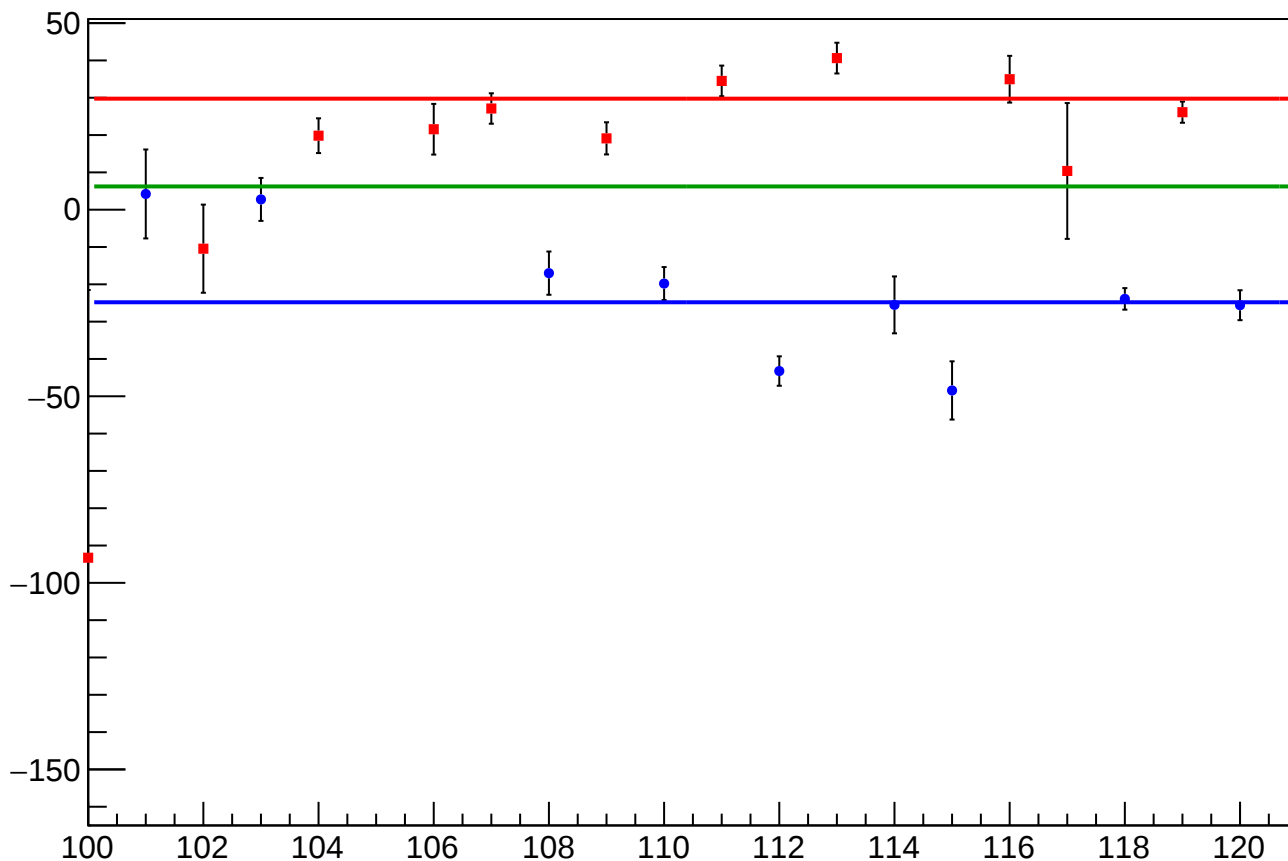
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

26.361+/-2.484 χ^2 /NDF: 92.3/8

-4.062+/-1.605 χ^2 /NDF: 543.6/20

-25.853+/-2.103 χ^2 /NDF: 193.9/11

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -24.807 $\pm$ 1.585 χ^2 /NDF: 63.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 29.755 $\pm$ 1.380 χ^2 /NDF: 58.5/11

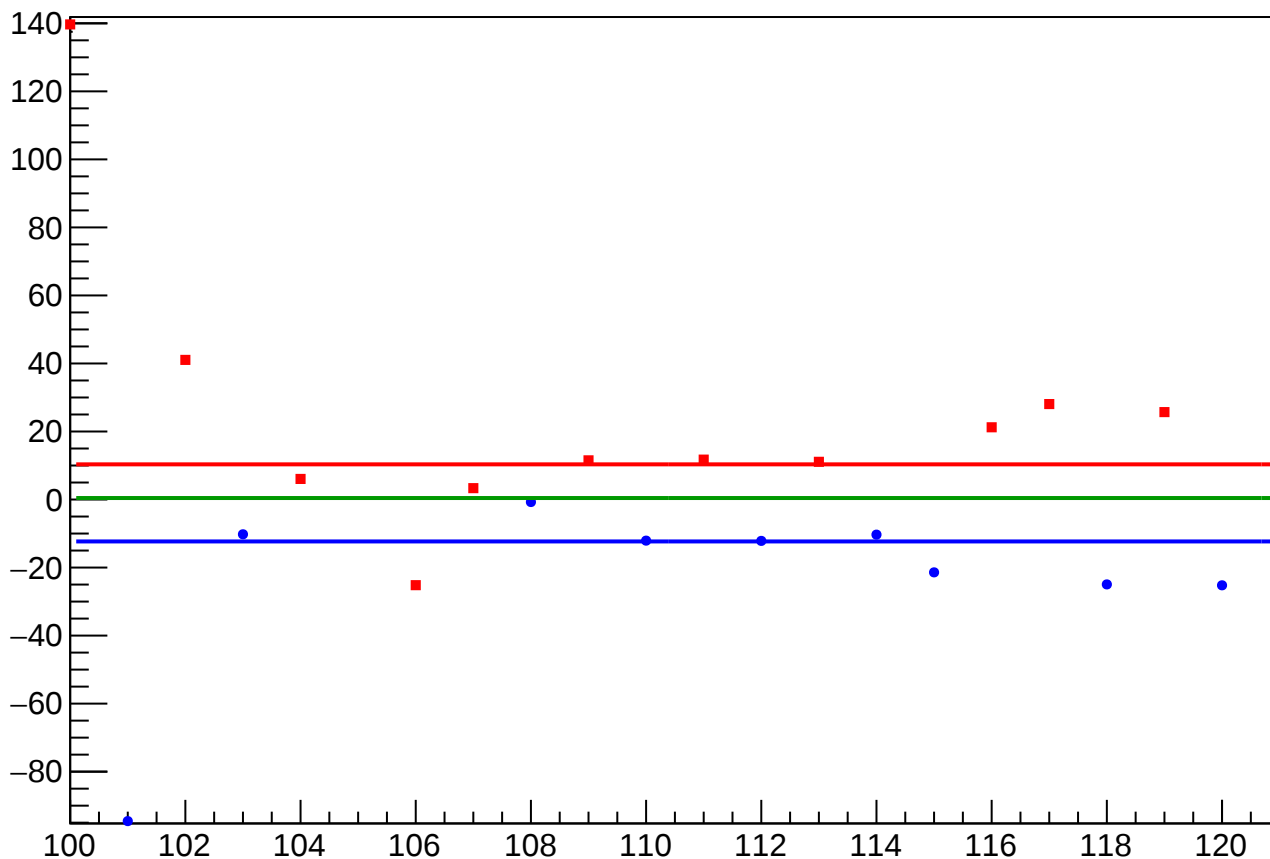
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-24.807 $\pm$ 1.585 χ^2 /NDF: 63.1/8

6.231 $\pm$ 1.041 χ^2 /NDF: 795.9/20

29.755 $\pm$ 1.380 χ^2 /NDF: 58.5/11

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -12.320+/-0.084 χ^2/NDF : 22825.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.343+/-0.074 χ^2/NDF : 47014.9/11

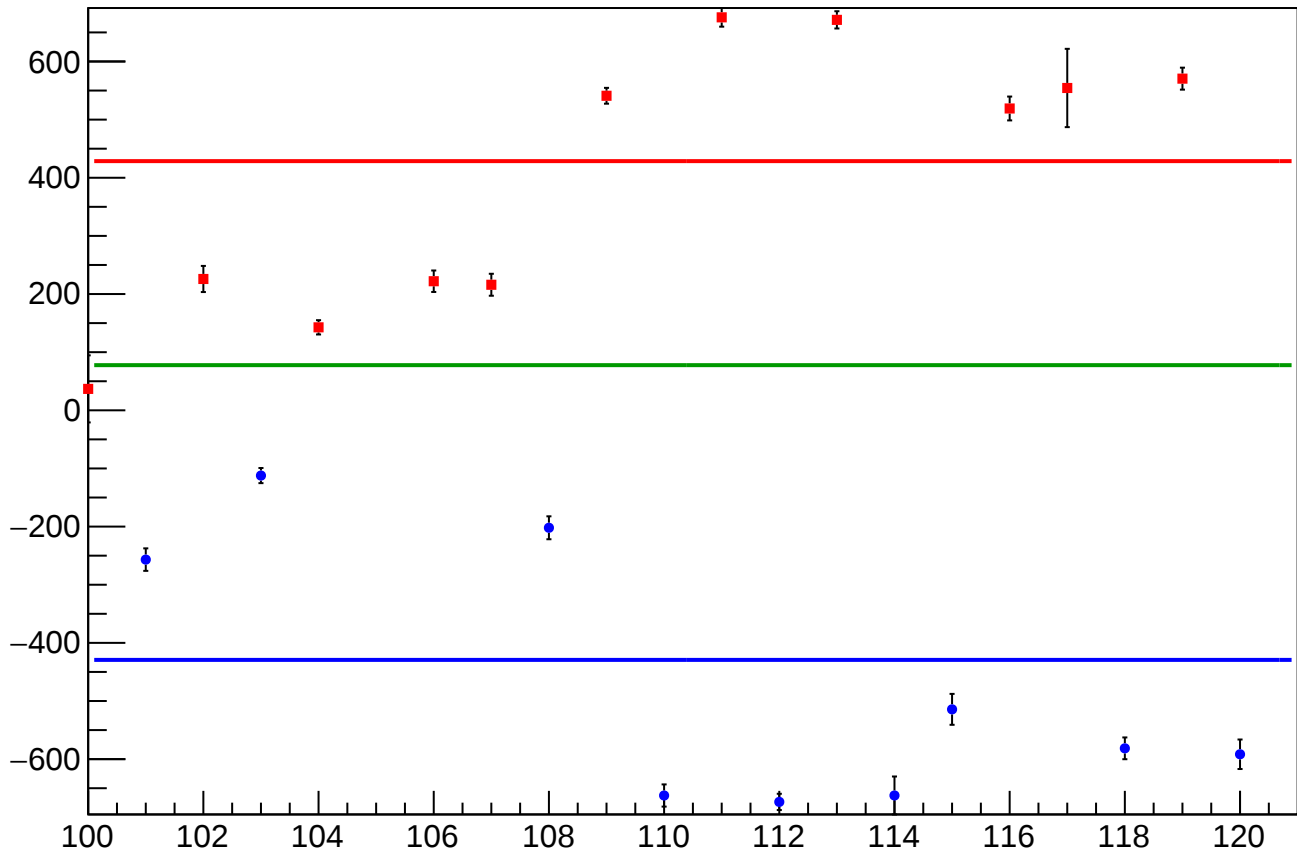
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-12.320+/-0.084 χ^2/NDF : 22825.9/8

0.442+/-0.056 χ^2/NDF : 110624.9/20

10.343+/-0.074 χ^2/NDF : 47014.9/11

reg_asym_atr2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -429.280+/-6.230 χ^2/NDF : 1428.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 428.609+/-5.183 χ^2/NDF : 1600.3/11

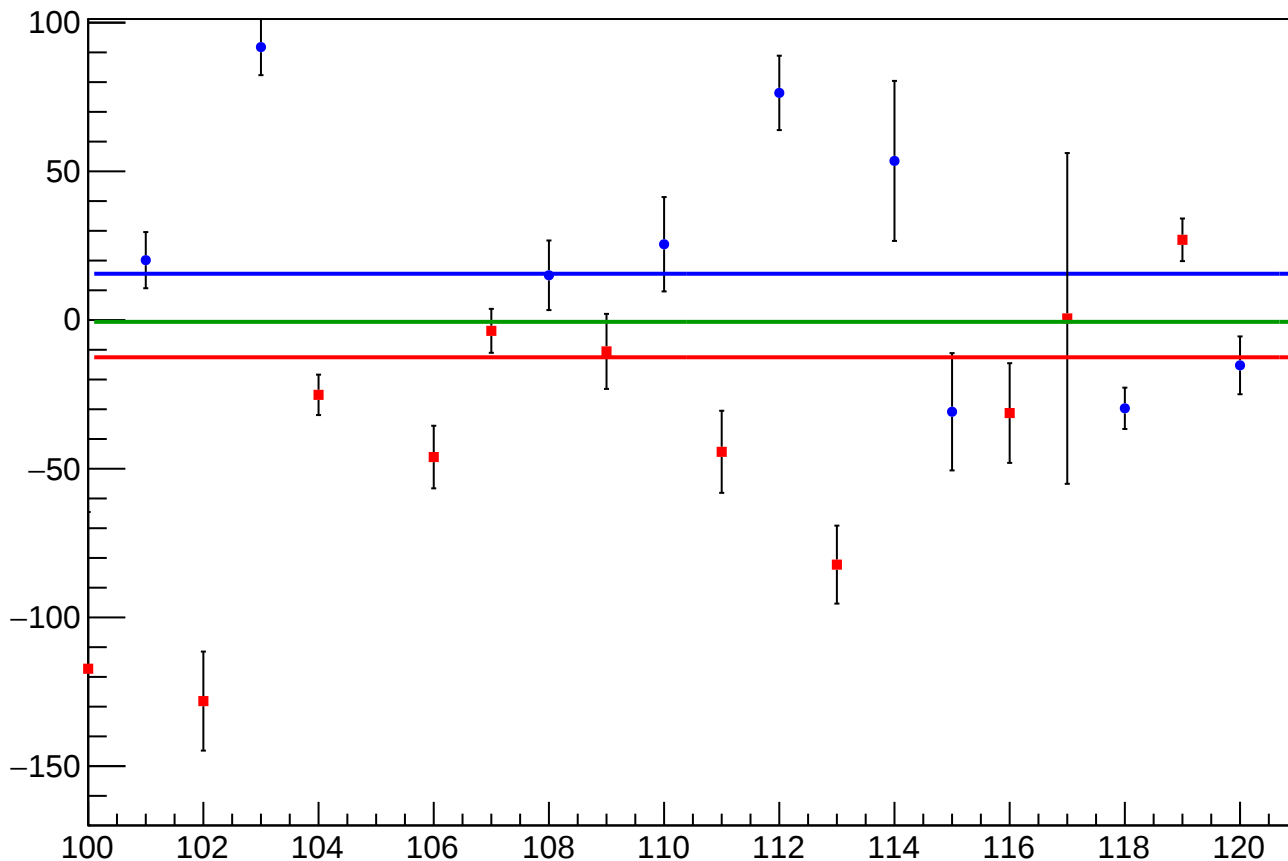
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-429.280+/-6.230 χ^2/NDF : 1428.5/8

77.679+/-3.984 χ^2/NDF : 14235.9/20

428.609+/-5.183 χ^2/NDF : 1600.3/11

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.568+/-3.642 χ^2/NDF : 149.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.521+/-3.126 χ^2/NDF : 193.1/11

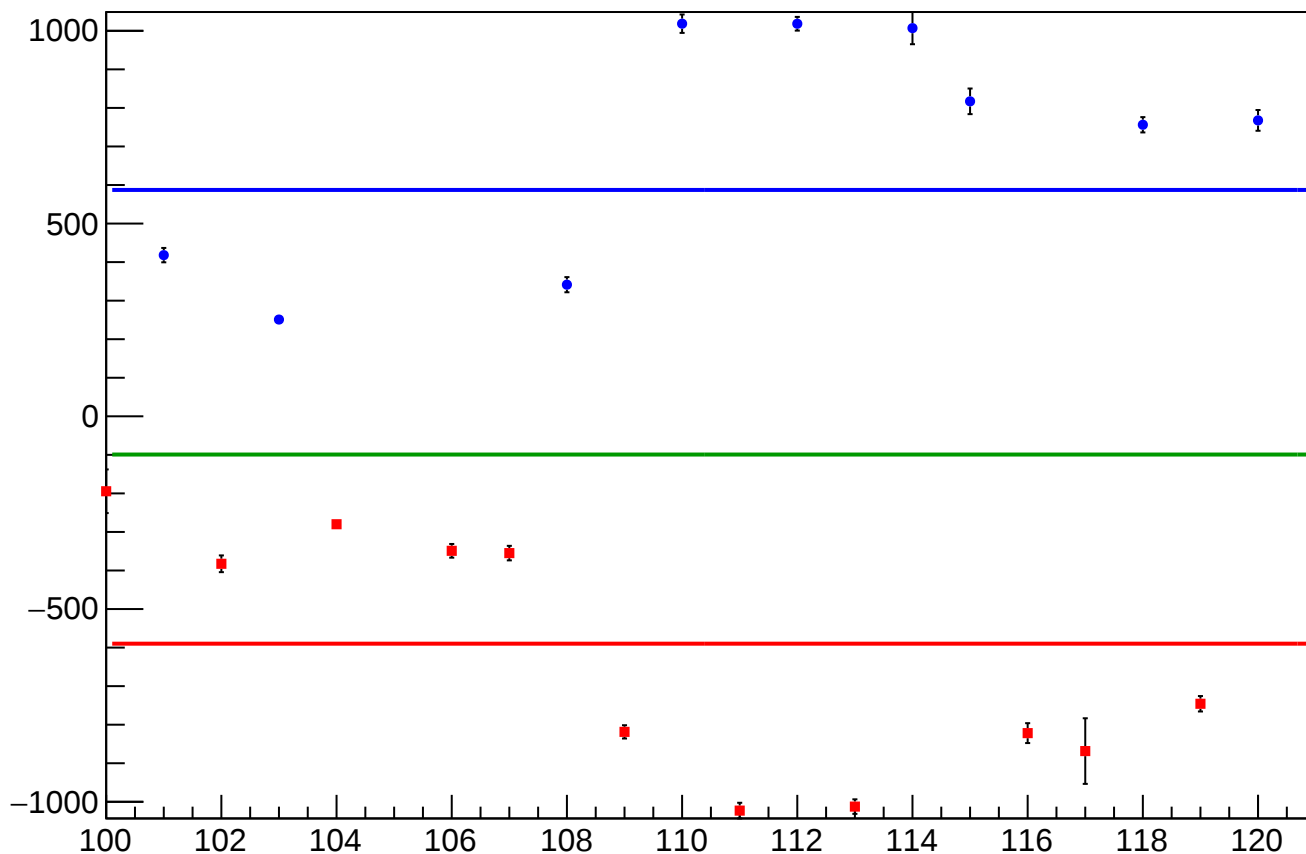
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15.568+/-3.642 χ^2/NDF : 149.5/8

-0.605+/-2.372 χ^2/NDF : 376.8/20

-12.521+/-3.126 χ^2/NDF : 193.1/11

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 587.206+/-6.730 χ^2/NDF : 2131.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -589.833+/-5.690 χ^2/NDF : 2499.3/11

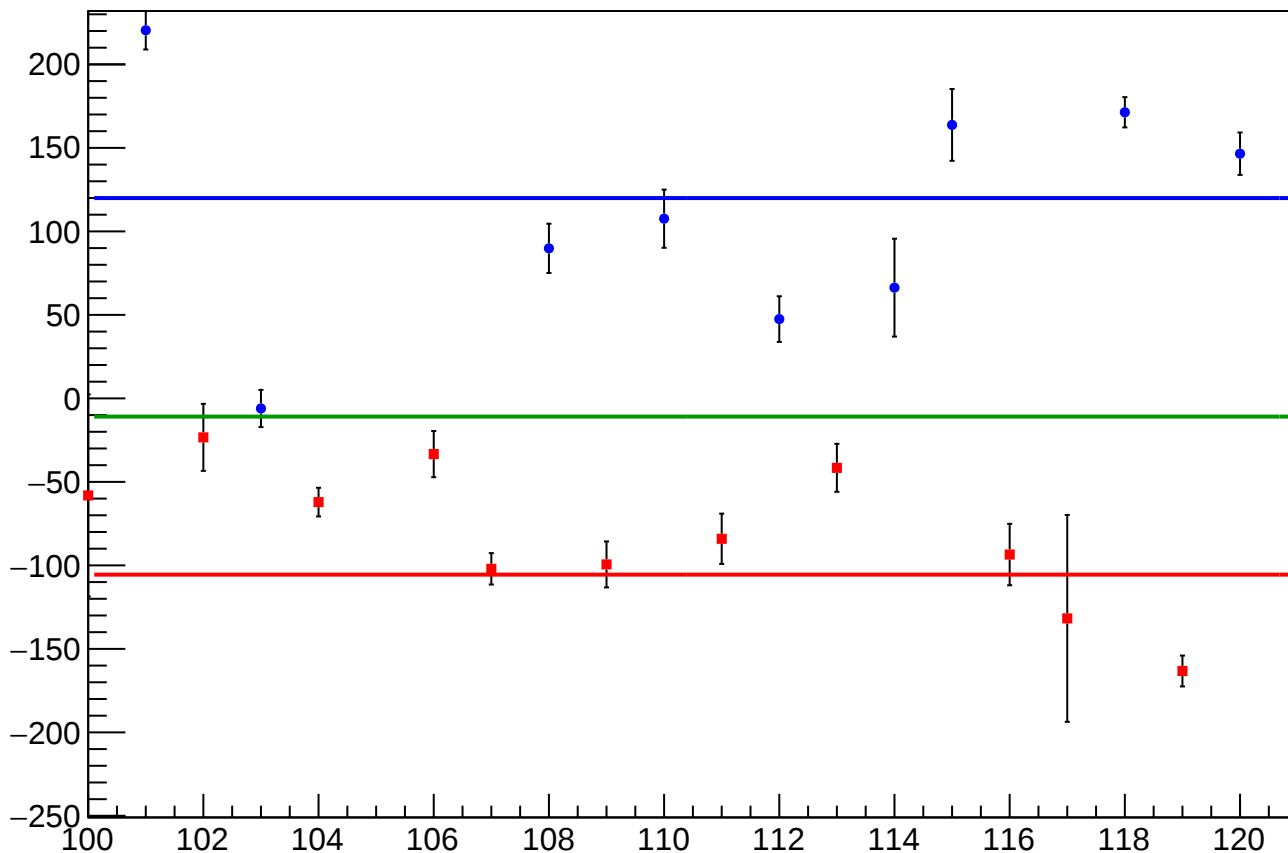
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

587.206+/-6.730 χ^2/NDF : 2131.0/8

-99.181+/-4.345 χ^2/NDF : 22465.8/20

-589.833+/-5.690 χ^2/NDF : 2499.3/11

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 119.959 $\pm$ 4.447 χ^2 /NDF: 280.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -105.542 $\pm$ 3.782 χ^2 /NDF: 267.9/11

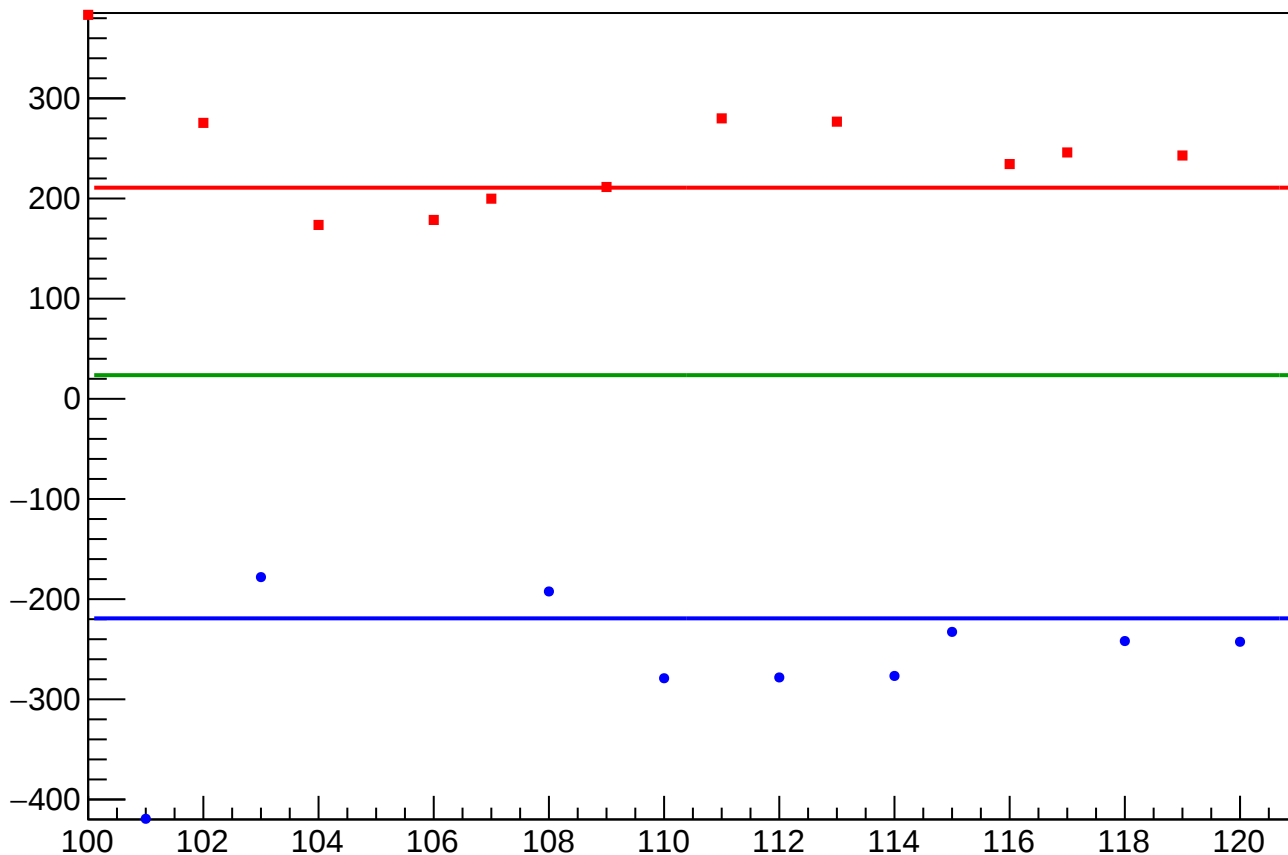
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

119.959 $\pm$ 4.447 χ^2 /NDF: 280.7/8

-10.907 $\pm$ 2.881 χ^2 /NDF: 2040.8/20

-105.542 $\pm$ 3.782 χ^2 /NDF: 267.9/11

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -219.173+/-0.200 χ^2/NDF : 123846.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 210.811+/-0.176 χ^2/NDF : 59435.5/11

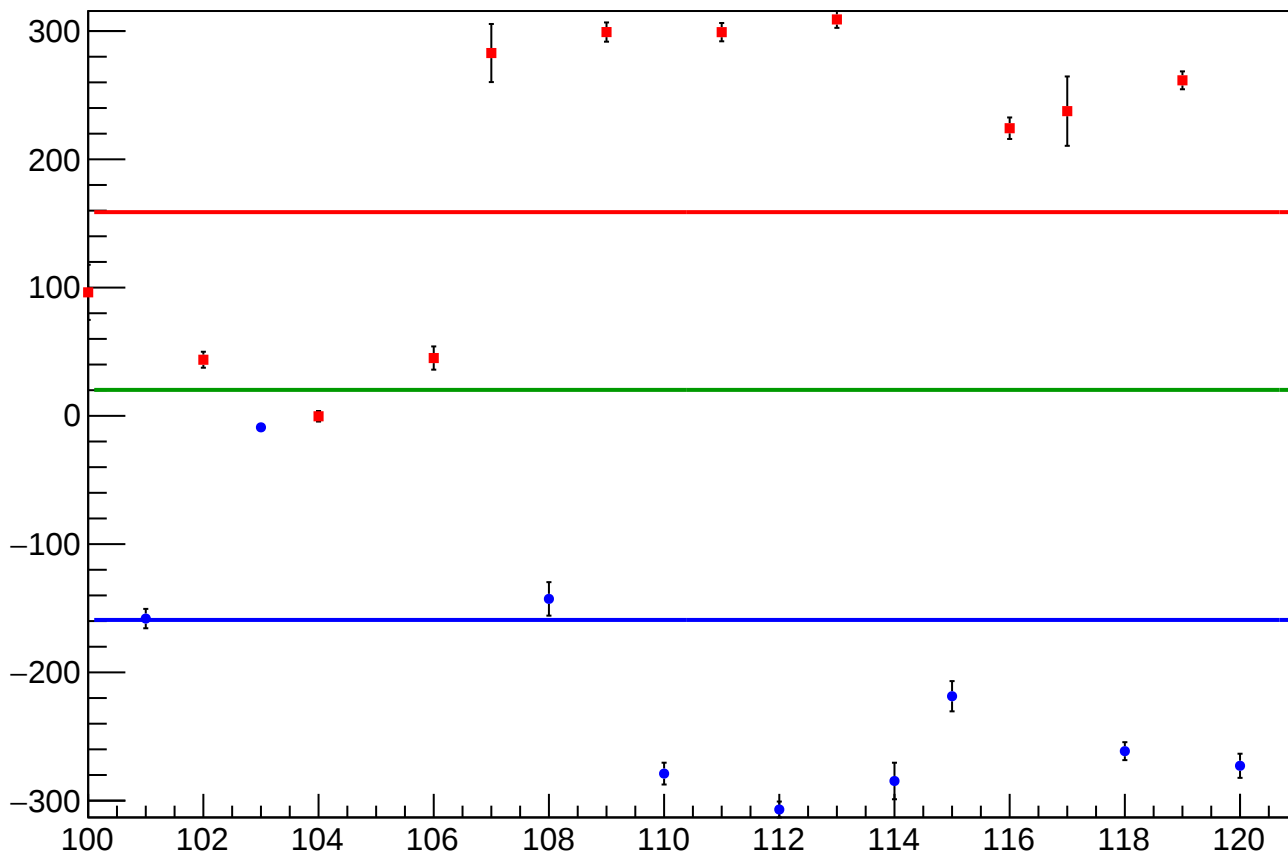
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-219.173+/-0.200 χ^2/NDF : 123846.6/8

23.625+/-0.132 χ^2/NDF : 2786947.7/20

210.811+/-0.176 χ^2/NDF : 59435.5/11

reg_asym_atl_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -159.110 $\pm$ 2.407 χ^2 /NDF: 2707.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 158.824 $\pm$ 2.116 χ^2 /NDF: 3725.4/11

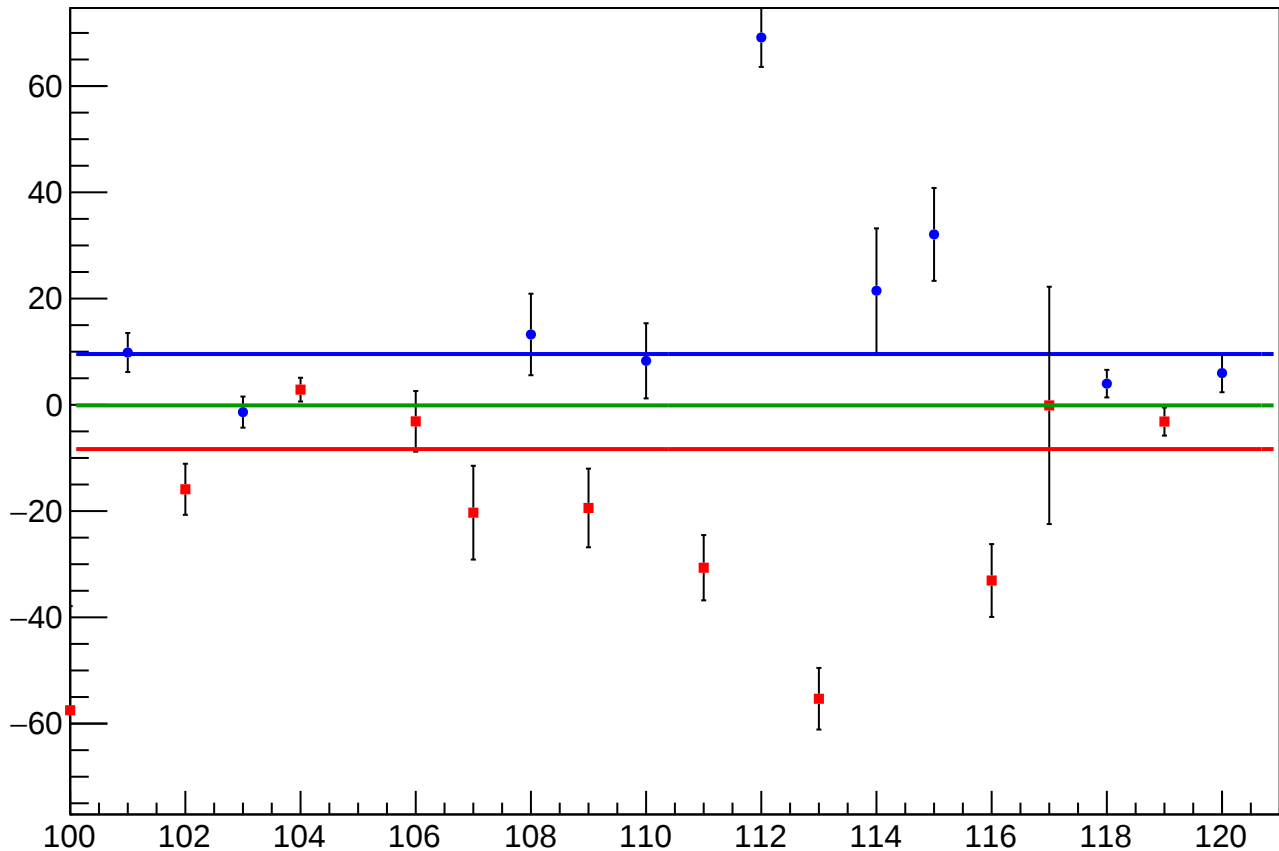
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-159.110 $\pm$ 2.407 χ^2 /NDF: 2707.0/8

20.242 $\pm$ 1.589 χ^2 /NDF: 16272.3/20

158.824 $\pm$ 2.116 χ^2 /NDF: 3725.4/11

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.560+/-1.406 χ^2/NDF : 143.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.331+/-1.297 χ^2/NDF : 135.1/11

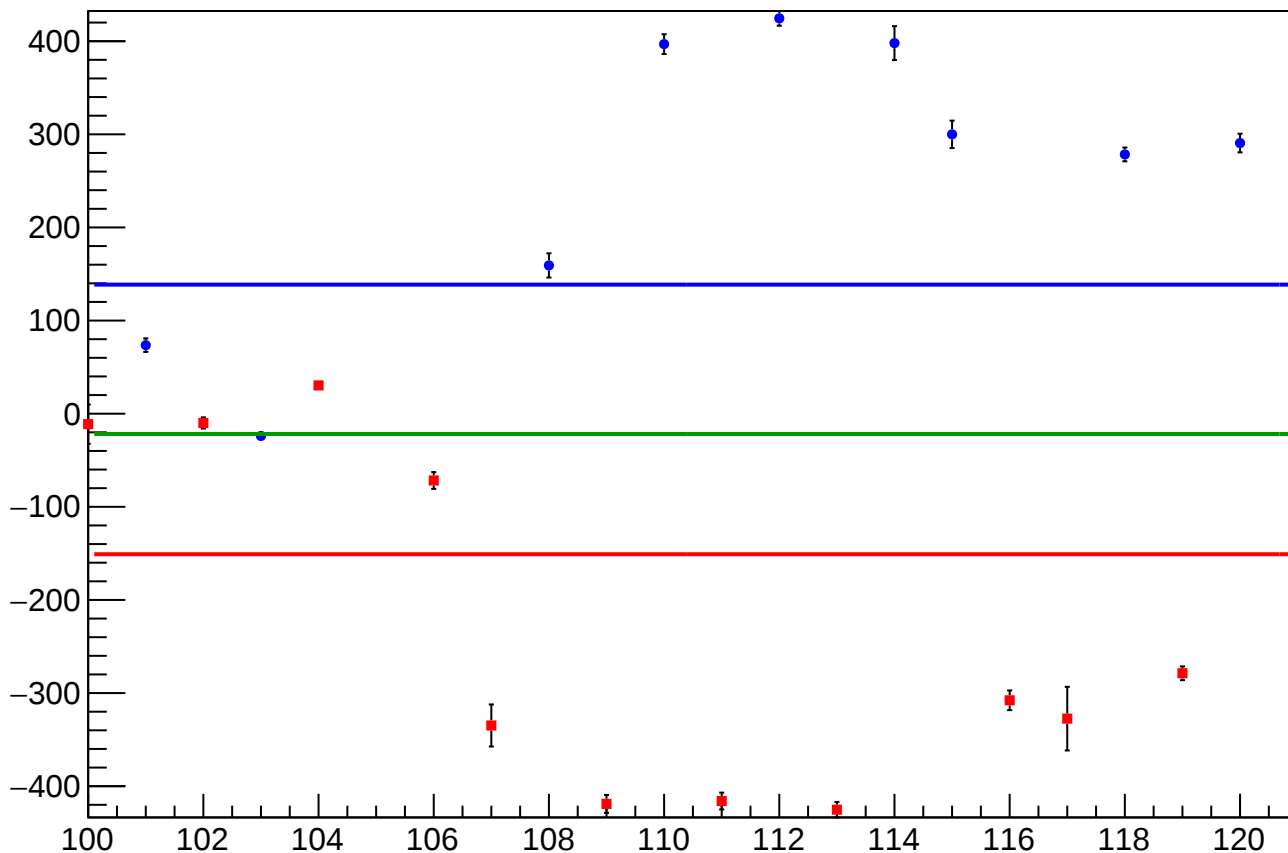
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.560+/-1.406 χ^2/NDF : 143.0/8

-0.107+/-0.953 χ^2/NDF : 365.6/20

-8.331+/-1.297 χ^2/NDF : 135.1/11

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 138.588 $\pm$ 2.537 χ^2 /NDF: 4741.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -150.919 $\pm$ 2.276 χ^2 /NDF: 6357.8/11

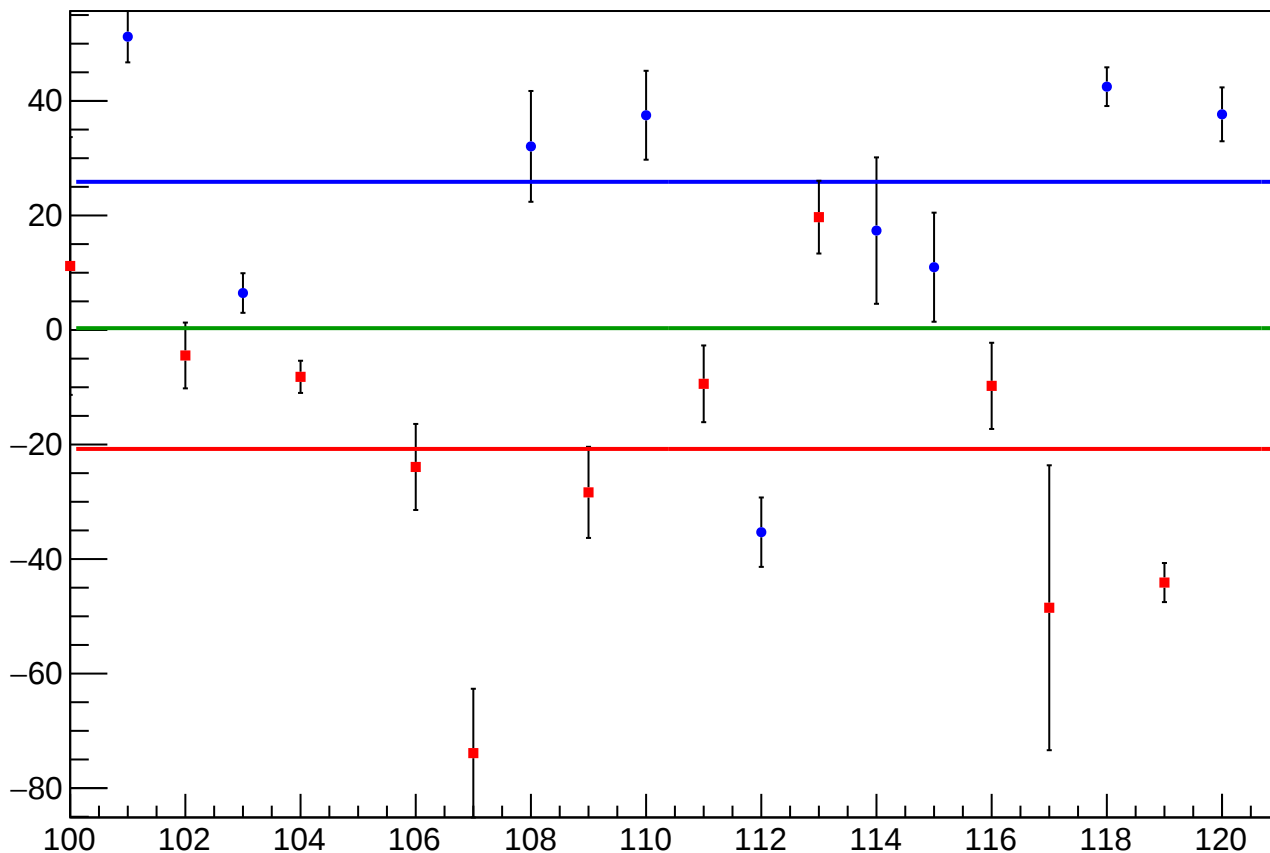
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

138.588 $\pm$ 2.537 χ^2 /NDF: 4741.6/8

-21.782 $\pm$ 1.694 χ^2 /NDF: 18315.1/20

-150.919 $\pm$ 2.276 χ^2 /NDF: 6357.8/11

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 25.876+/-1.721 χ^2 /NDF: 201.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -20.769+/-1.563 χ^2 /NDF: 163.3/11

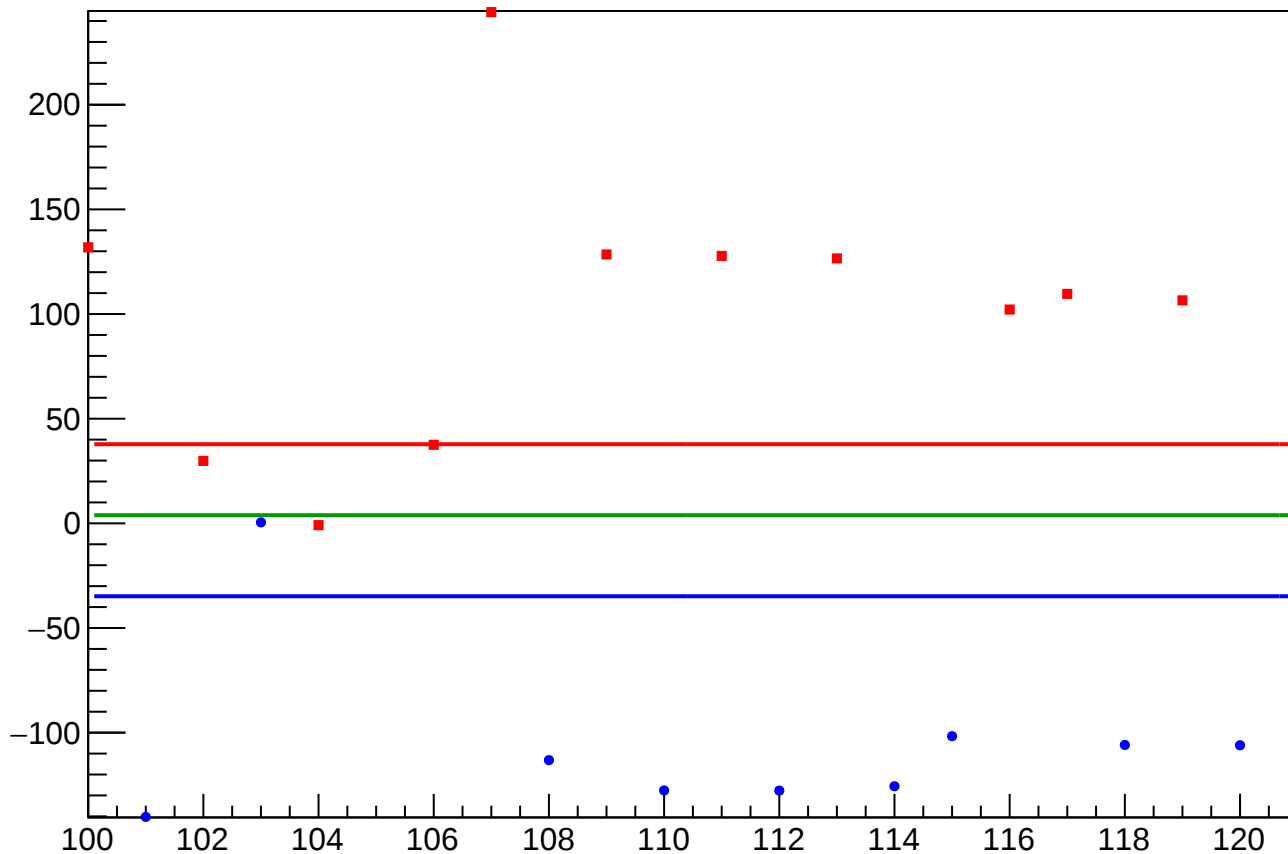
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

25.876+/-1.721 χ^2 /NDF: 201.4/8

0.320+/-1.157 χ^2 /NDF: 767.3/20

-20.769+/-1.563 χ^2 /NDF: 163.3/11

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -34.838 $\pm$ 0.071 χ^2 /NDF: 605202.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 37.802 $\pm$ 0.067 χ^2 /NDF: 586443.2/11

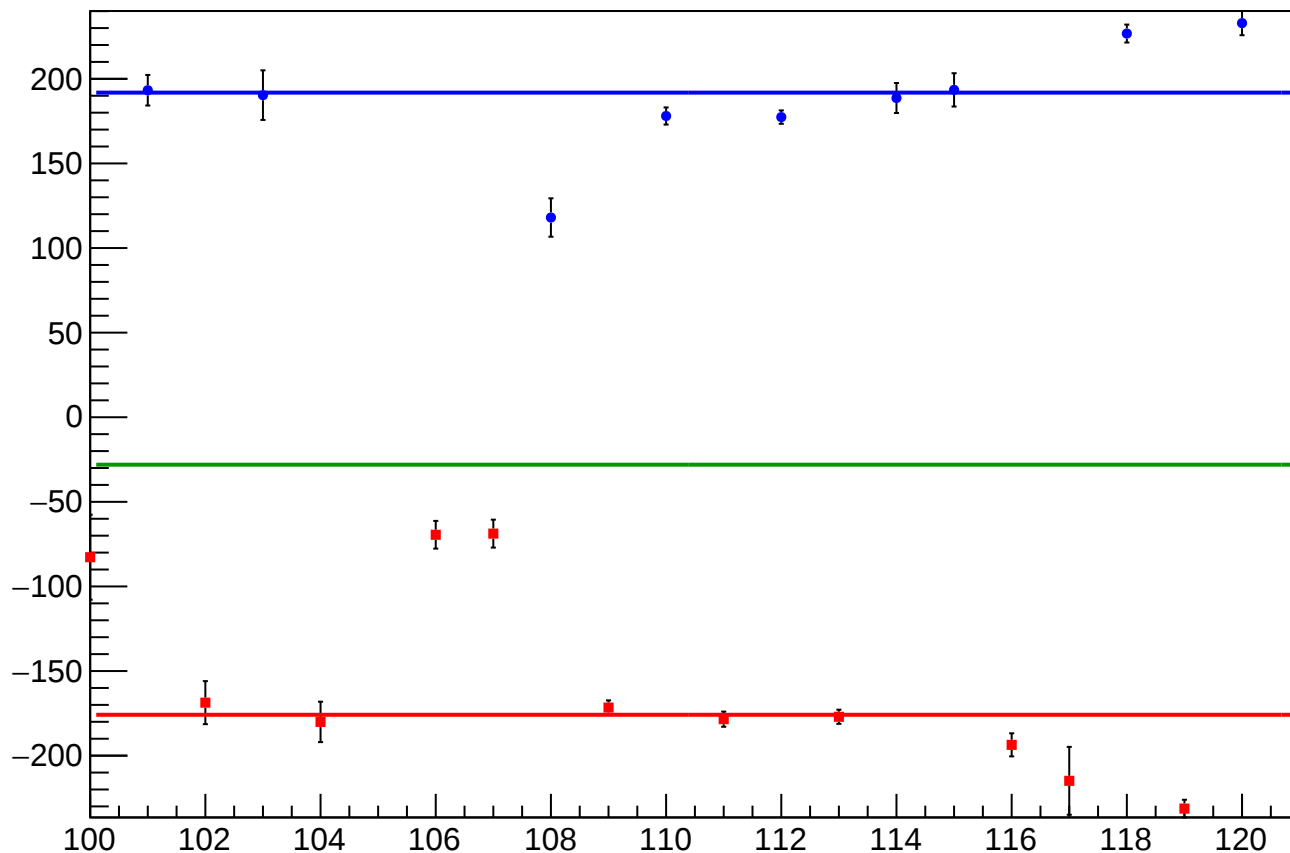
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-34.838 $\pm$ 0.071 χ^2 /NDF: 605202.3/8

3.882 $\pm$ 0.049 χ^2 /NDF: 1743208.0/20

37.802 $\pm$ 0.067 χ^2 /NDF: 586443.2/11

reg_asym_atl_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 191.853 $\pm$ 2.207 χ^2 /NDF: 139.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -175.844 $\pm$ 1.809 χ^2 /NDF: 494.1/11

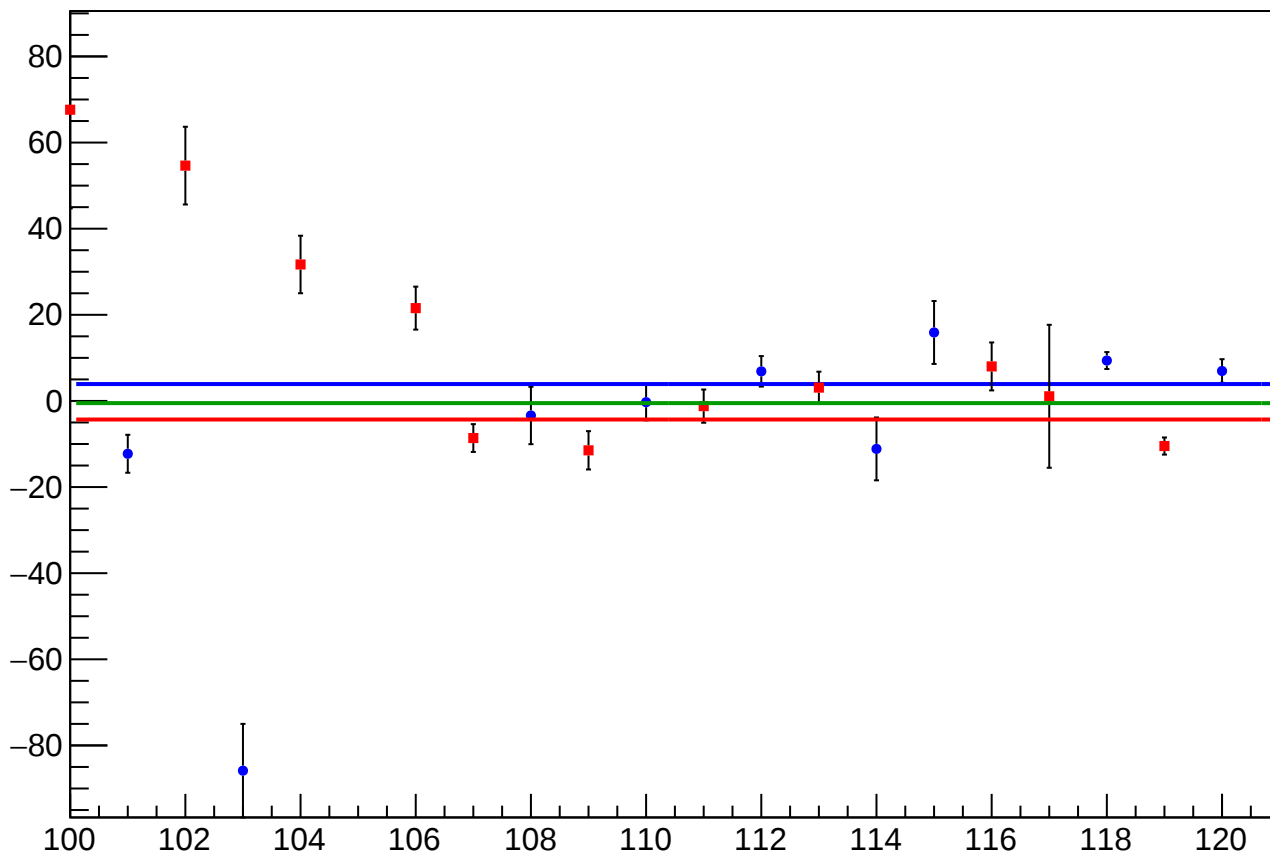
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

191.853 $\pm$ 2.207 χ^2 /NDF: 139.5/8

-28.042 $\pm$ 1.399 χ^2 /NDF: 17234.7/20

-175.844 $\pm$ 1.809 χ^2 /NDF: 494.1/11

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.920+/-1.242 χ^2/NDF : 100.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.317+/-1.152 χ^2/NDF : 155.8/11

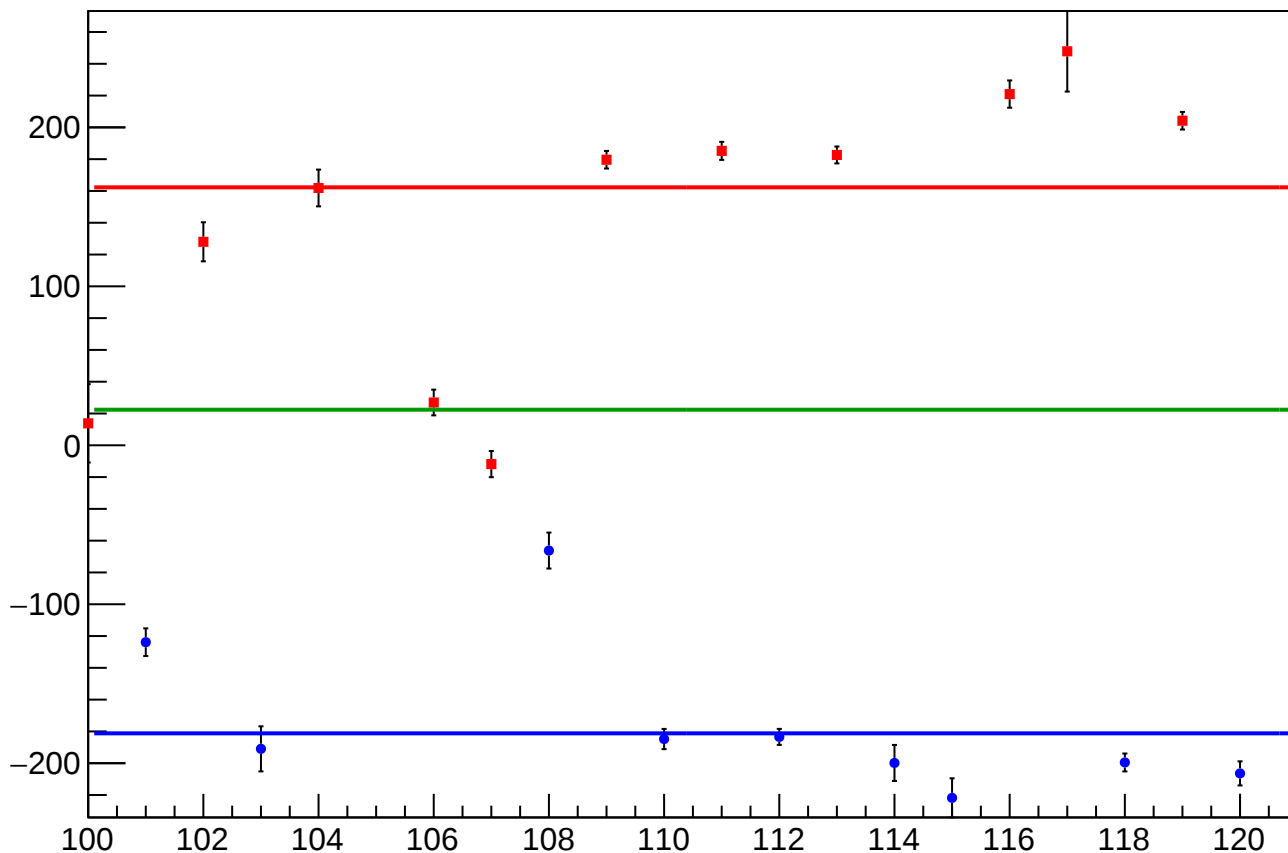
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.920+/-1.242 χ^2/NDF : 100.6/8

-0.507+/-0.845 χ^2/NDF : 280.0/20

-4.317+/-1.152 χ^2/NDF : 155.8/11

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -181.213+/-2.554 χ^2/NDF : 182.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 162.279+/-2.117 χ^2/NDF : 947.5/11

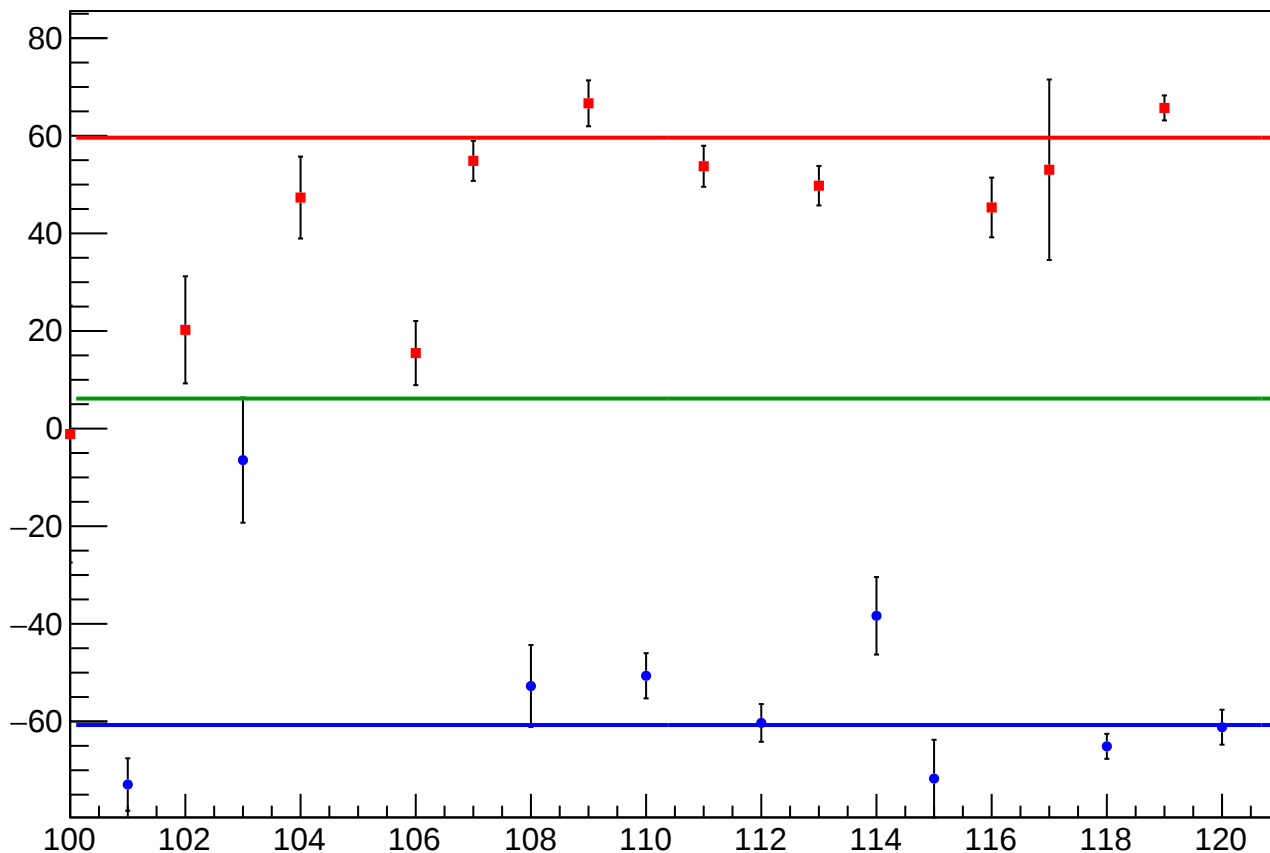
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-181.213+/-2.554 χ^2/NDF : 182.7/8

22.393+/-1.630 χ^2/NDF : 11853.2/20

162.279+/-2.117 χ^2/NDF : 947.5/11

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -60.735 $\pm$ 1.524 χ^2 /NDF: 41.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 59.612 $\pm$ 1.362 χ^2 /NDF: 132.8/11

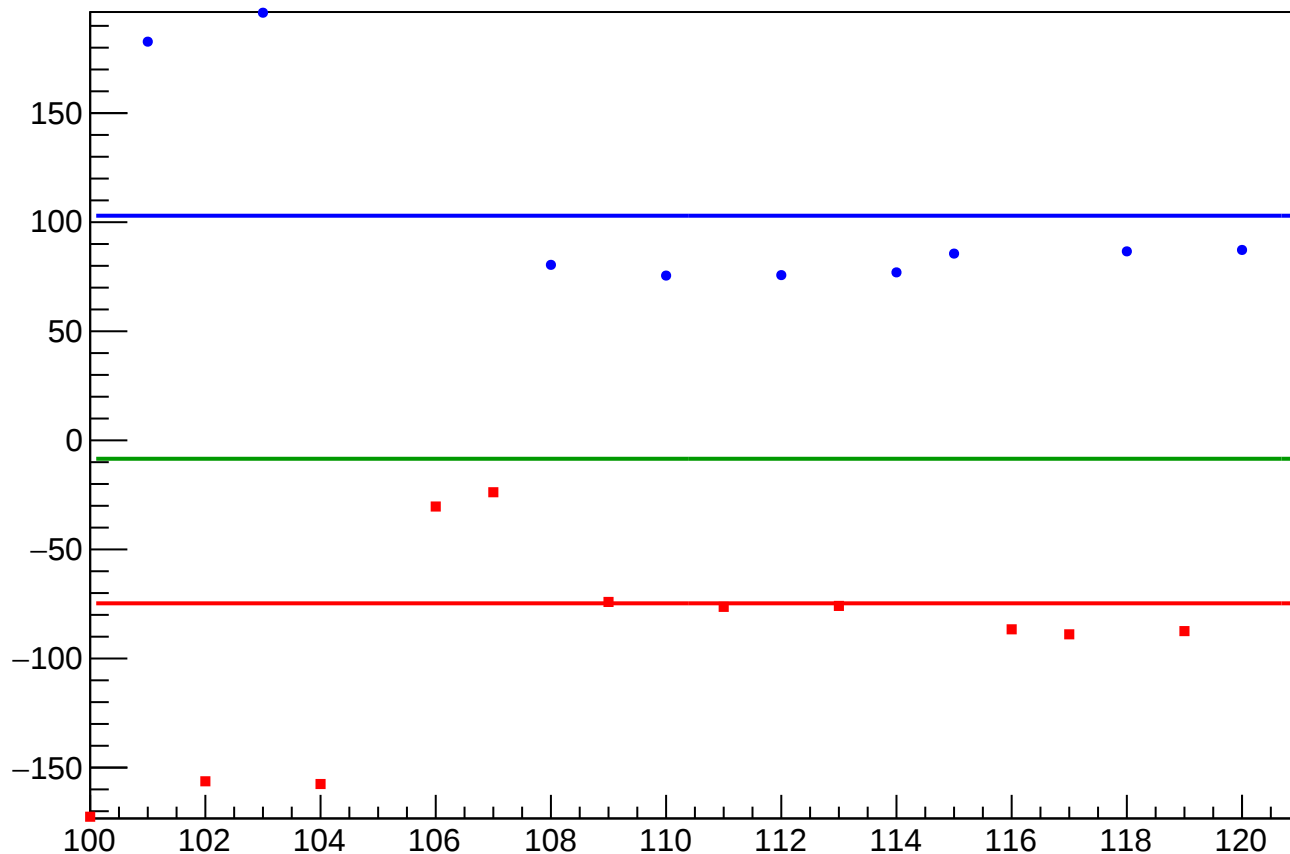
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-60.735 $\pm$ 1.524 χ^2 /NDF: 41.5/8

6.158 $\pm$ 1.015 χ^2 /NDF: 3642.1/20

59.612 $\pm$ 1.362 χ^2 /NDF: 132.8/11

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 102.968+/-0.100 χ^2/NDF : 189909.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -74.706+/-0.078 χ^2/NDF : 301683.4/11

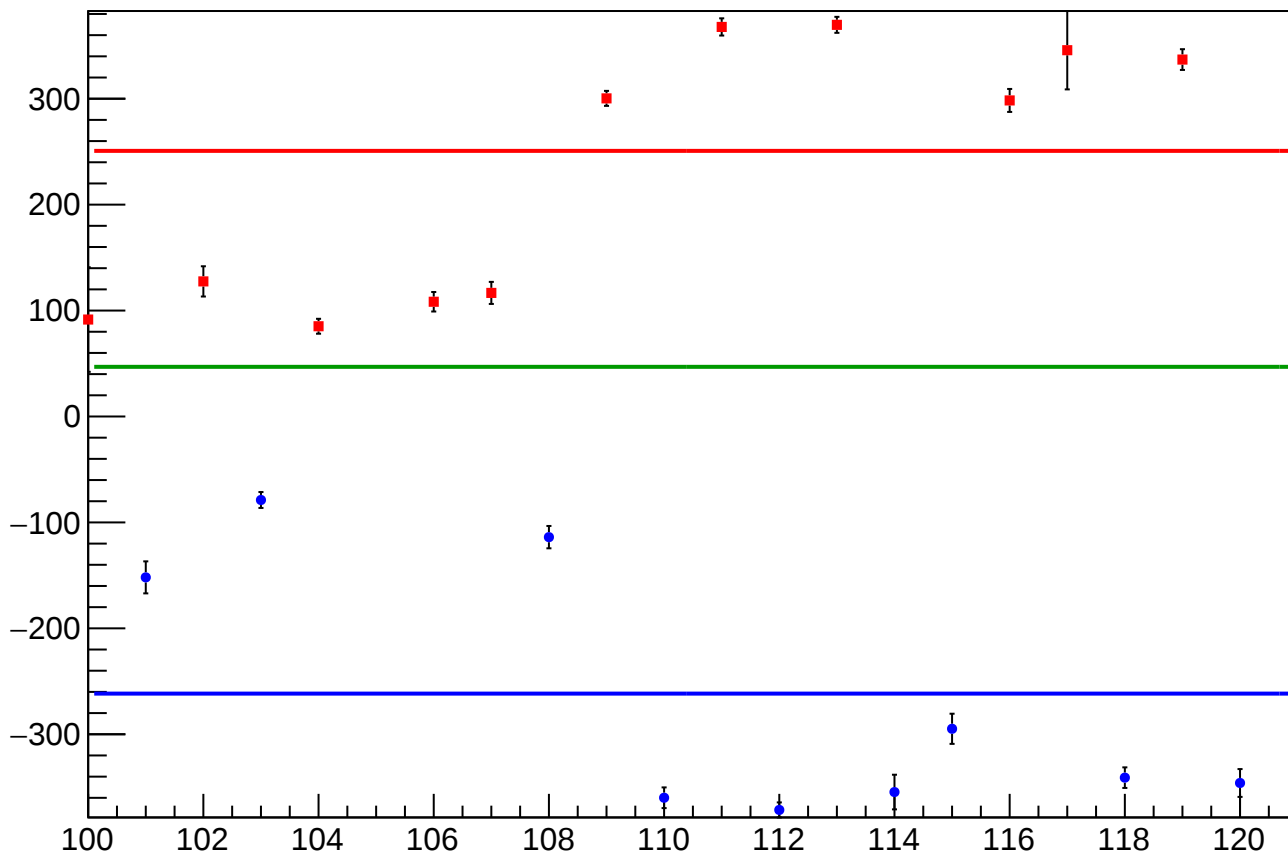
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

102.968+/-0.100 χ^2/NDF : 189909.7/8

-8.442+/-0.061 χ^2/NDF : 2451465.9/20

-74.706+/-0.078 χ^2/NDF : 301683.4/11

reg_asym_atr_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -261.613+/-3.401 χ^2 /NDF: 1327.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 250.756+/-2.764 χ^2 /NDF: 1694.8/11

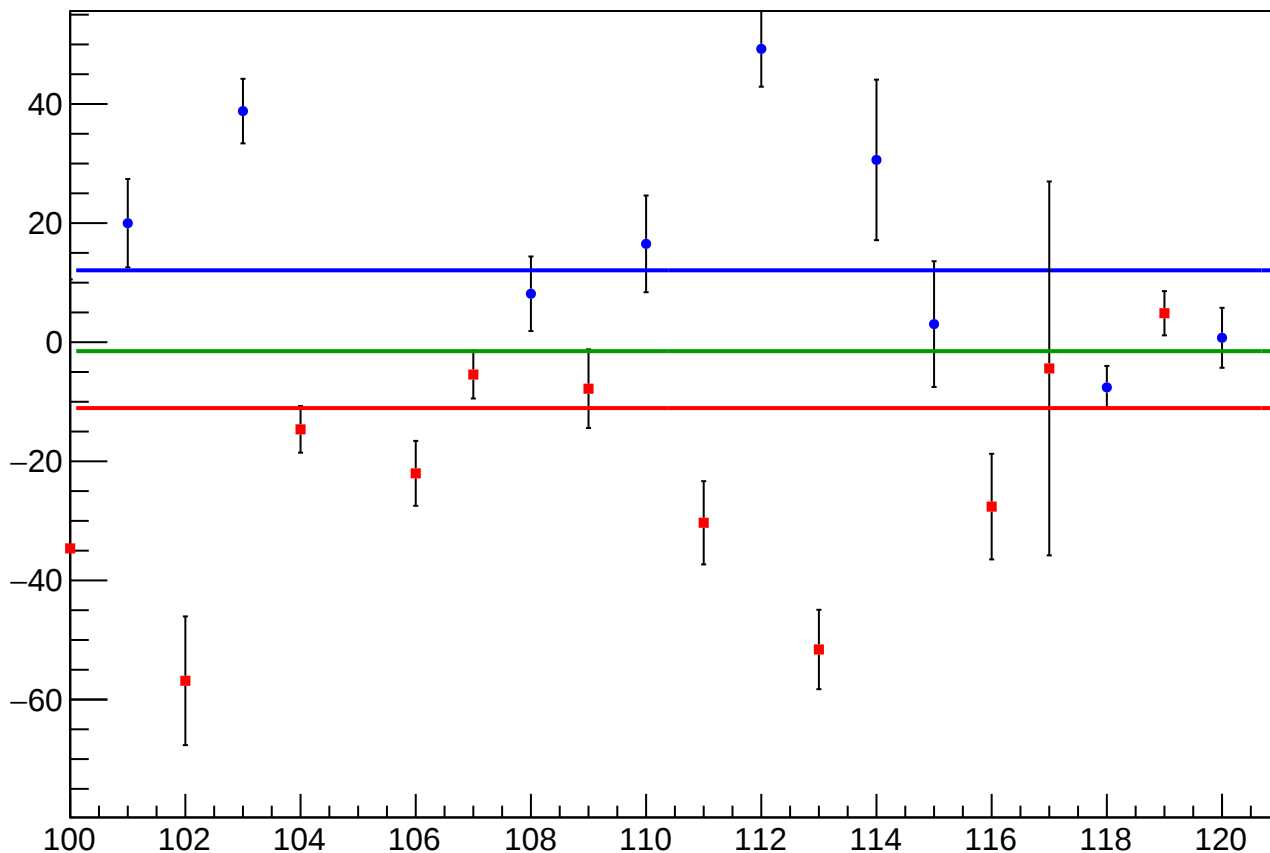
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-261.613+/-3.401 χ^2 /NDF: 1327.4/8

46.880+/-2.145 χ^2 /NDF: 16691.1/20

250.756+/-2.764 χ^2 /NDF: 1694.8/11

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.070+/-2.006 χ^2 /NDF: 97.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -11.062+/-1.683 χ^2 /NDF: 120.2/11

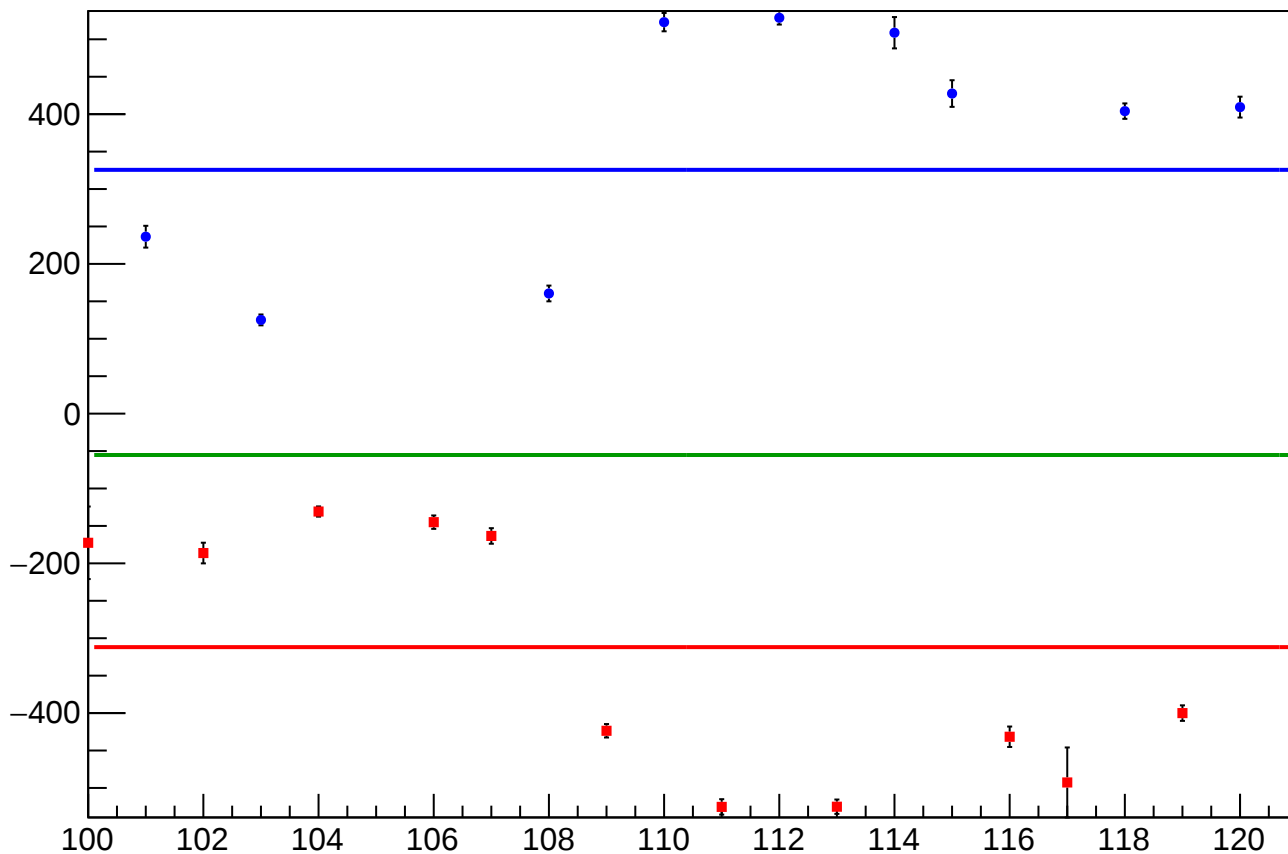
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

12.070+/-2.006 χ^2 /NDF: 97.8/8

-1.501+/-1.289 χ^2 /NDF: 296.1/20

-11.062+/-1.683 χ^2 /NDF: 120.2/11

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 325.637+/-3.736 χ^2/NDF : 2014.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -311.895+/-3.067 χ^2/NDF : 2663.7/11

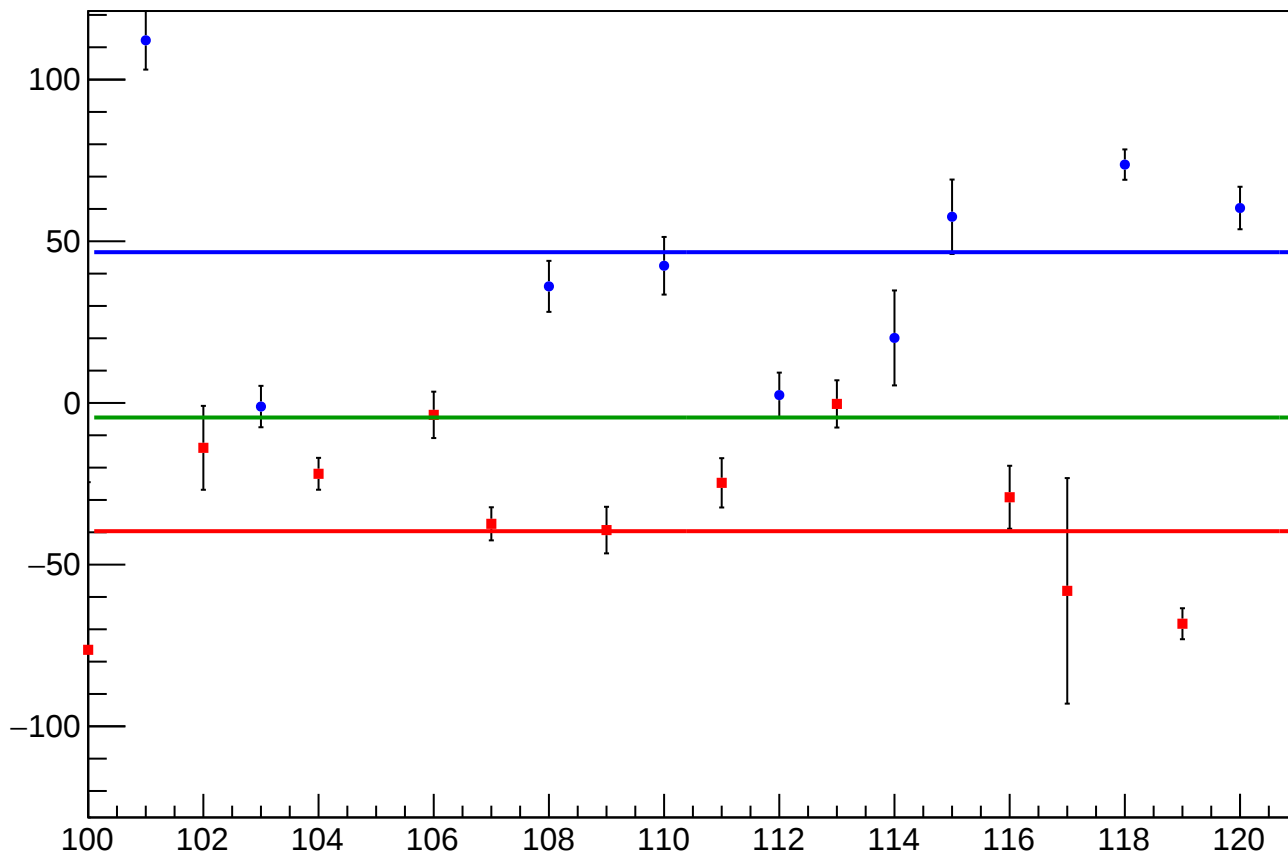
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

325.637+/-3.736 χ^2/NDF : 2014.4/8

-55.264+/-2.370 χ^2/NDF : 22074.8/20

-311.895+/-3.067 χ^2/NDF : 2663.7/11

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 46.627+/-2.449 χ^2/NDF : 192.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -39.657+/-2.031 χ^2/NDF : 196.3/11

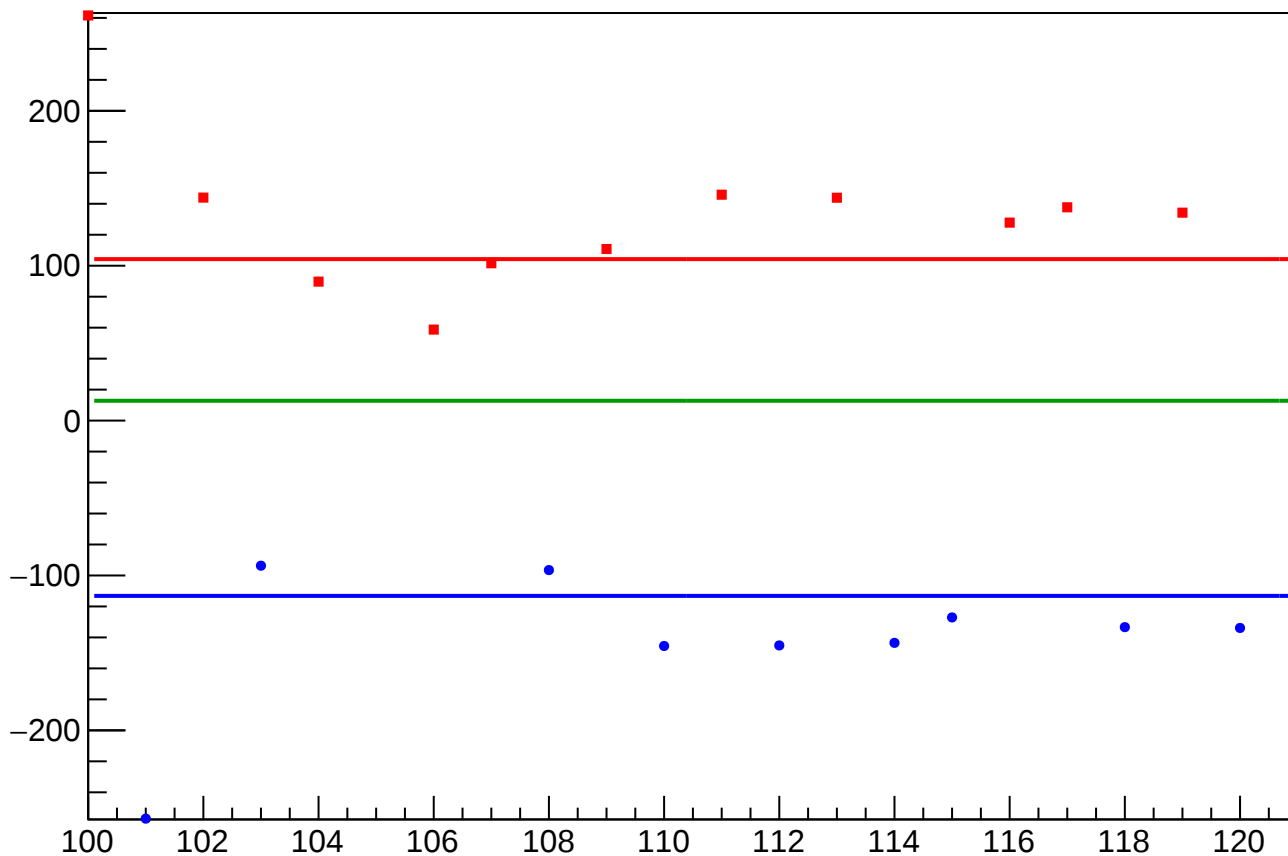
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

46.627+/-2.449 χ^2/NDF : 192.2/8

-4.497+/-1.564 χ^2/NDF : 1123.7/20

-39.657+/-2.031 χ^2/NDF : 196.3/11

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -113.177+/-0.113 χ^2/NDF : 108158.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.270+/-0.096 χ^2/NDF : 92979.5/11

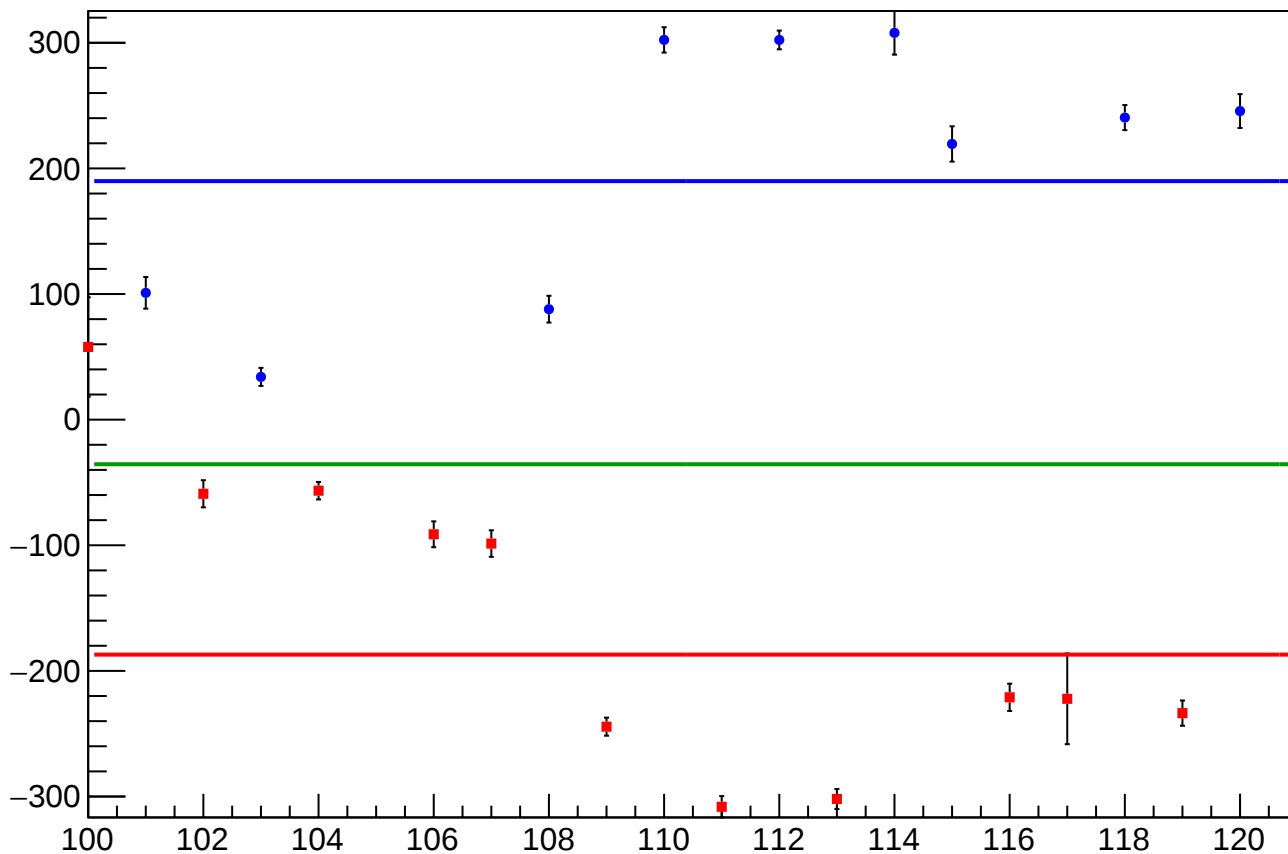
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-113.177+/-0.113 χ^2/NDF : 108158.9/8

12.810+/-0.073 χ^2/NDF : 2347669.6/20

104.270+/-0.096 χ^2/NDF : 92979.5/11

reg_asym_atr_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 189.886 $\pm$ 3.404 χ^2 /NDF: 1057.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -187.048 $\pm$ 2.792 χ^2 /NDF: 1198.0/11

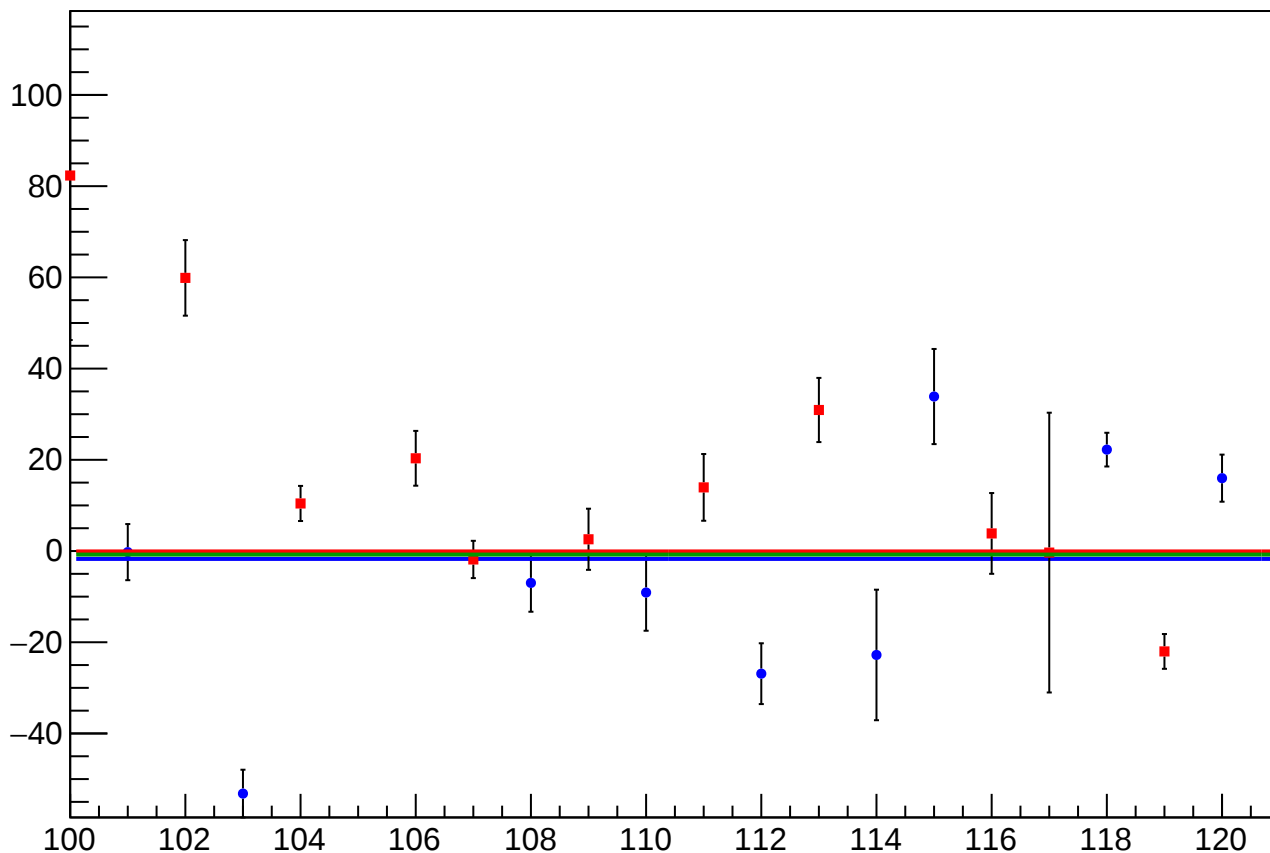
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

189.886 $\pm$ 3.404 χ^2 /NDF: 1057.9/8

-35.492 $\pm$ 2.159 χ^2 /NDF: 9586.4/20

-187.048 $\pm$ 2.792 χ^2 /NDF: 1198.0/11

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.729+/-2.002 χ^2/NDF : 180.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.089+/-1.703 χ^2/NDF : 216.5/11

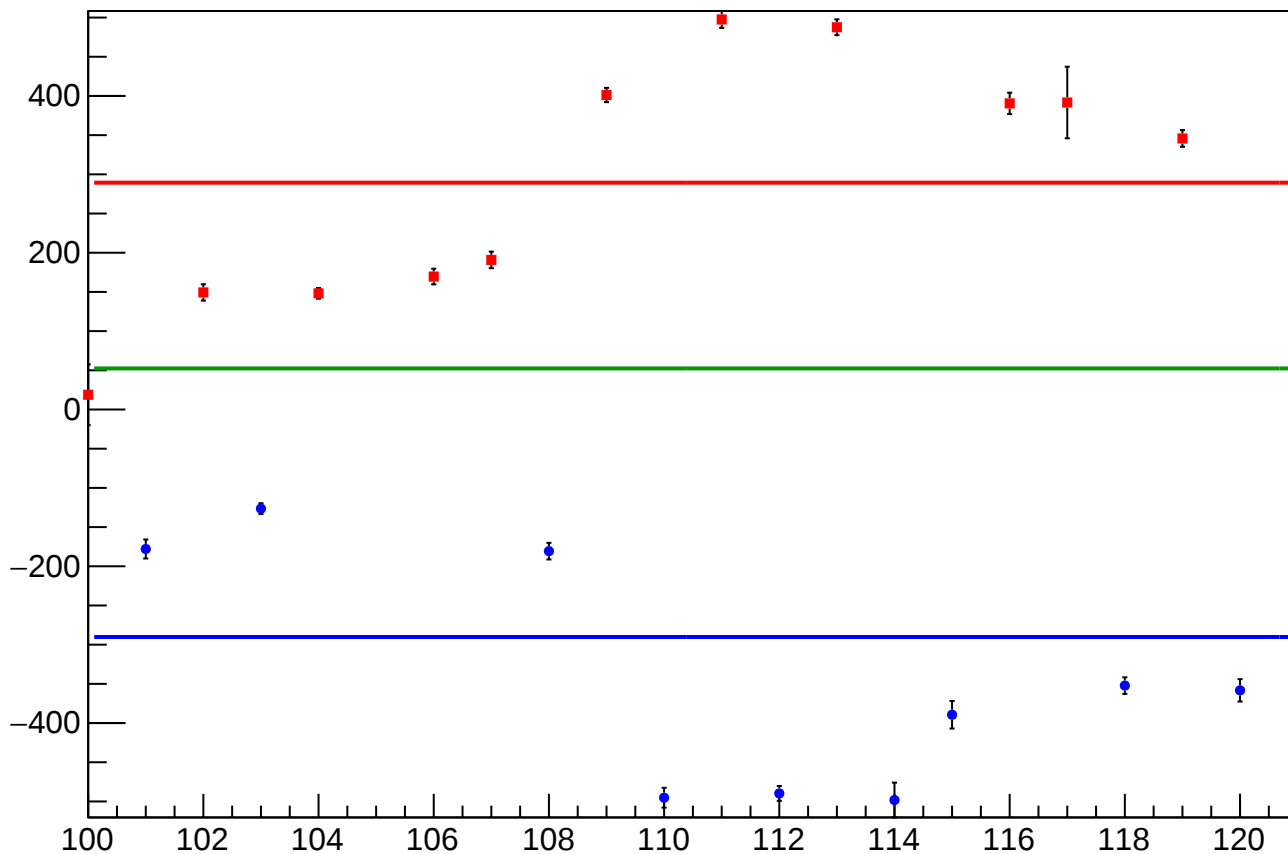
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.729+/-2.002 χ^2/NDF : 180.1/8

-0.777+/-1.297 χ^2/NDF : 396.9/20

-0.089+/-1.703 χ^2/NDF : 216.5/11

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -290.226+/-3.704 χ^2/NDF : 1630.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 289.370+/-3.081 χ^2/NDF : 1915.5/11

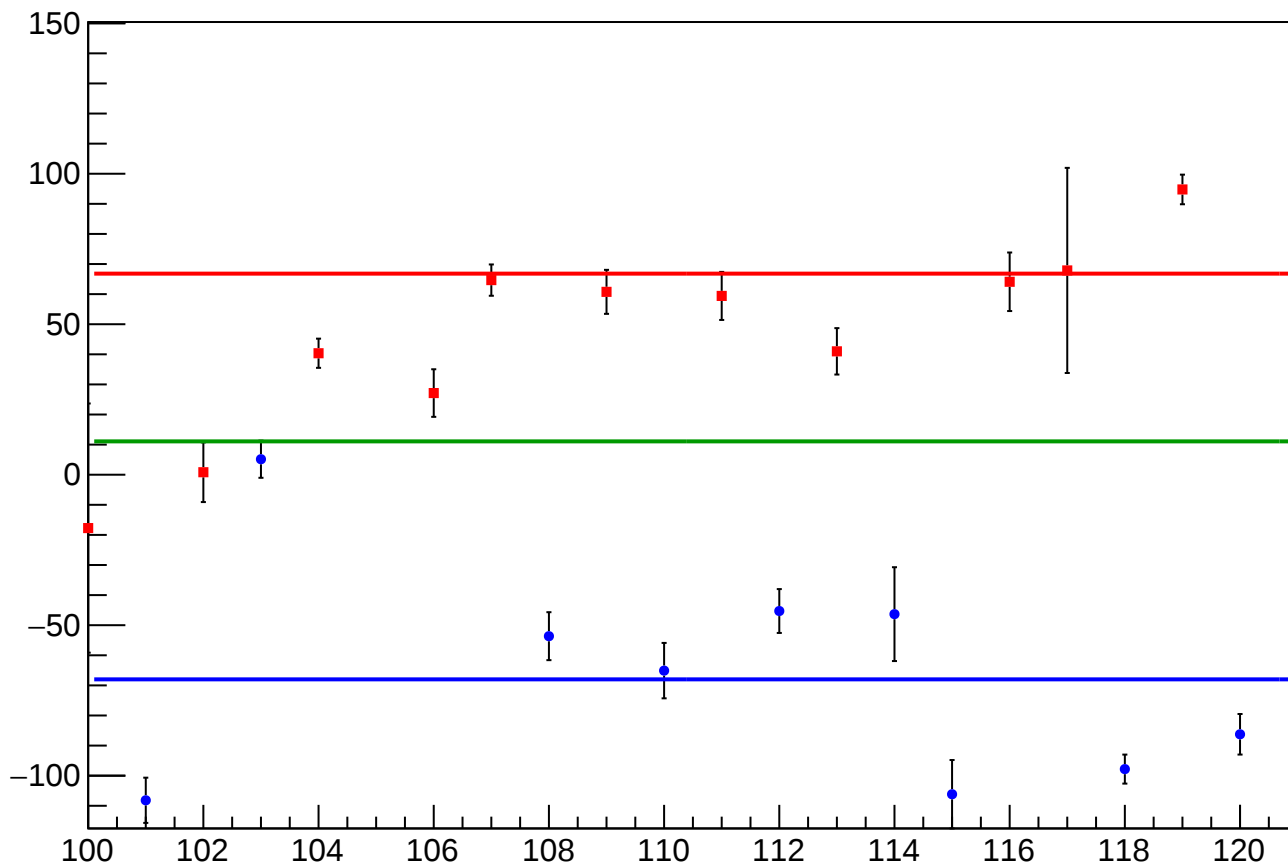
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-290.226+/-3.704 χ^2/NDF : 1630.9/8

52.411+/-2.369 χ^2/NDF : 18018.2/20

289.370+/-3.081 χ^2/NDF : 1915.5/11

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -67.994 ± 2.445 χ^2/NDF : 240.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 66.809 ± 2.053 χ^2/NDF : 311.2/11

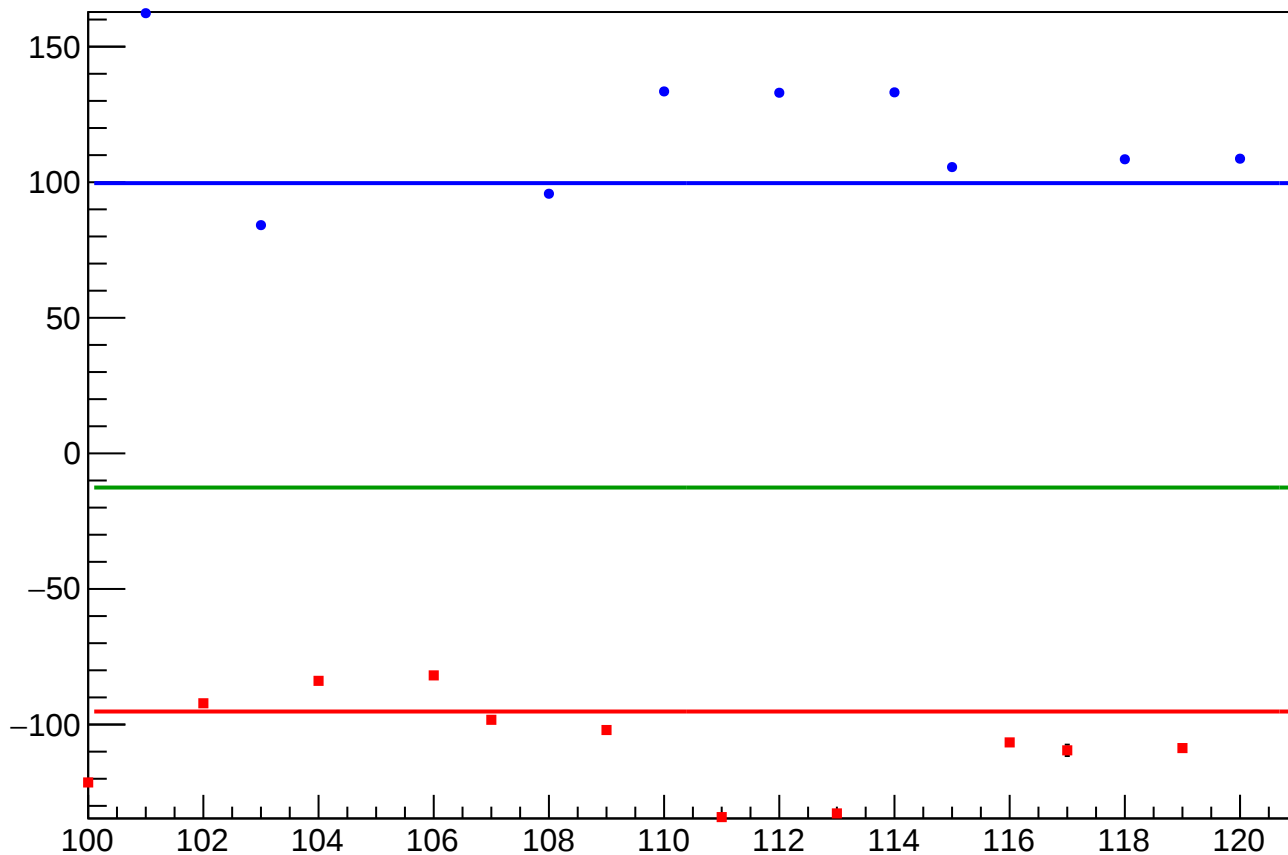
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-67.994 ± 2.445 χ^2/NDF : 240.6/8

11.076 ± 1.572 χ^2/NDF : 2334.2/20

66.809 ± 2.053 χ^2/NDF : 311.2/11

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 99.671+/-0.110 χ^2 /NDF: 41475.7/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -95.200+/-0.095 χ^2 /NDF: 22575.6/11

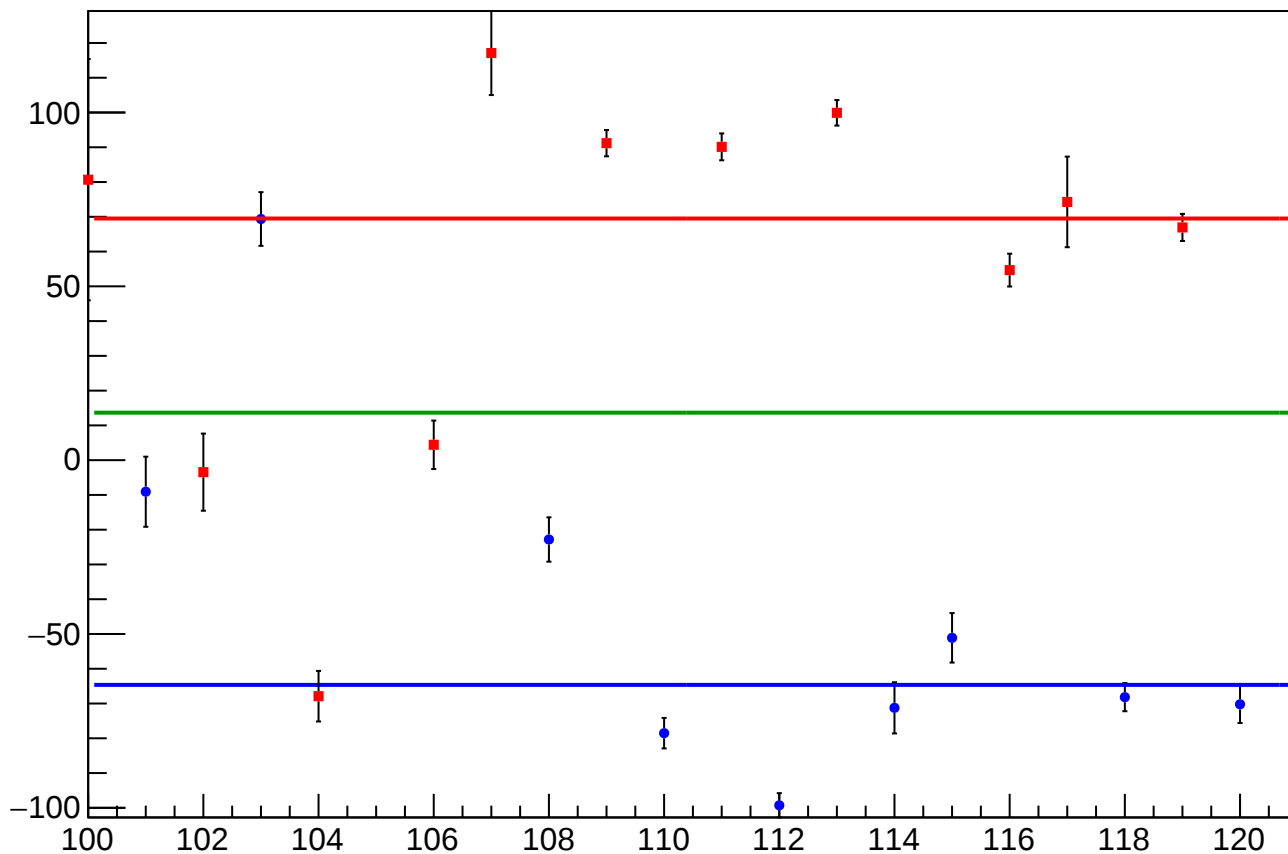
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

99.671+/-0.110 χ^2 /NDF: 41475.7/8

-12.593+/-0.072 χ^2 /NDF: 1858172.6/20

-95.200+/-0.095 χ^2 /NDF: 22575.6/11

reg_asym_at1_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -64.637 $\pm$ 1.771 χ^2 /NDF: 488.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 69.508 $\pm$ 1.496 χ^2 /NDF: 643.6/11

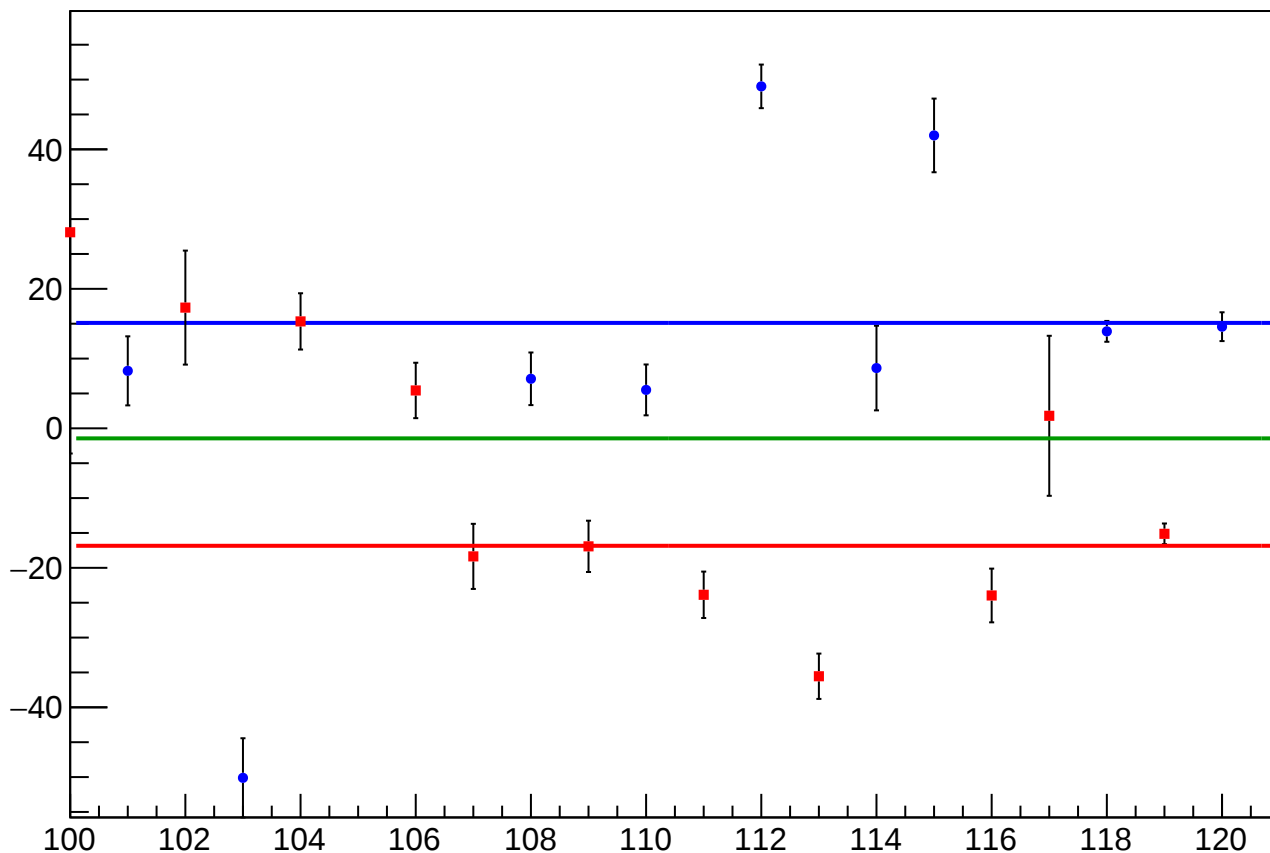
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-64.637 $\pm$ 1.771 χ^2 /NDF: 488.9/8

13.658 $\pm$ 1.143 χ^2 /NDF: 4481.8/20

69.508 $\pm$ 1.496 χ^2 /NDF: 643.6/11

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.116 $\pm$ 0.969 χ^2 /NDF: 290.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -16.840 $\pm$ 0.934 χ^2 /NDF: 181.0/11

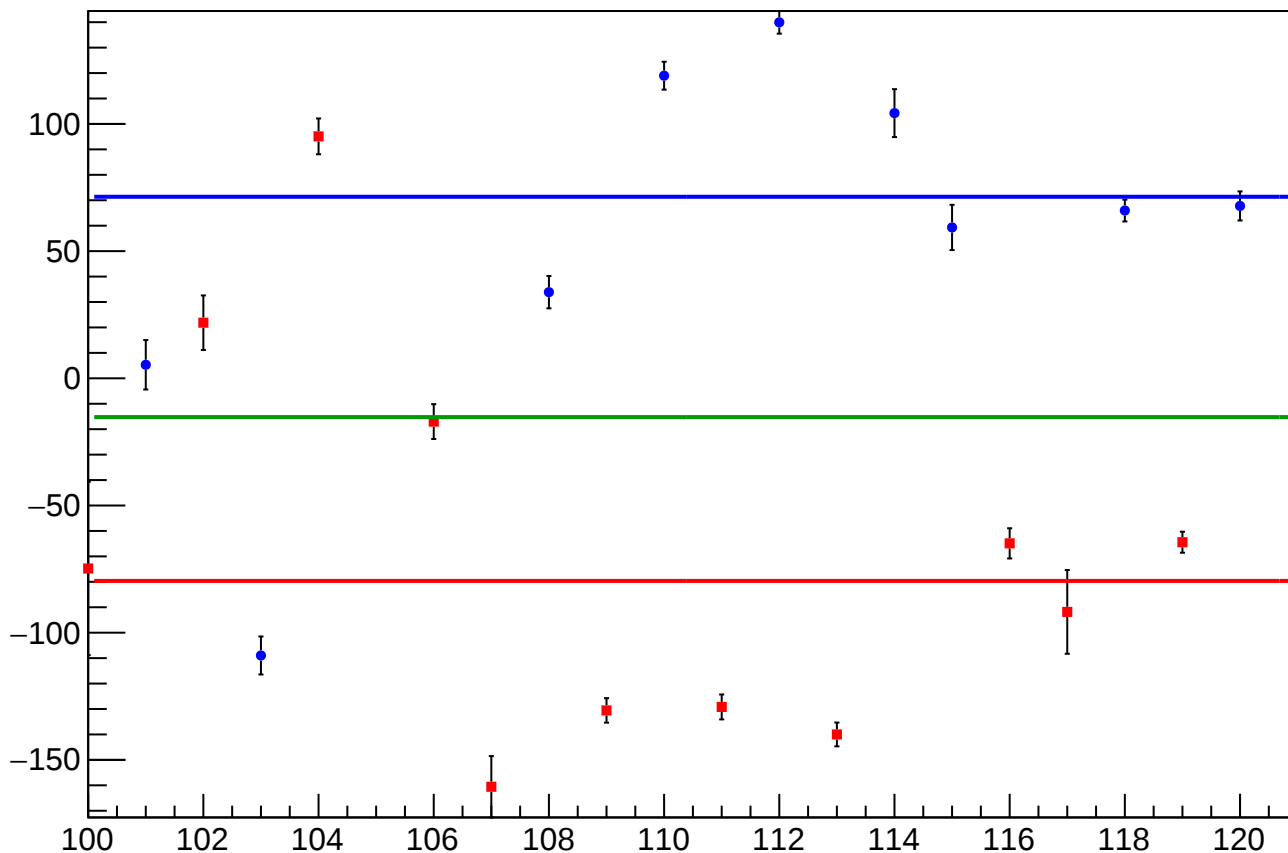
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

15.116 $\pm$ 0.969 χ^2 /NDF: 290.9/8

-1.440 $\pm$ 0.672 χ^2 /NDF: 1035.8/20

-16.840 $\pm$ 0.934 χ^2 /NDF: 181.0/11

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 71.374+/-2.017 χ^2/NDF : 992.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -79.641+/-1.739 χ^2/NDF : 1241.8/11

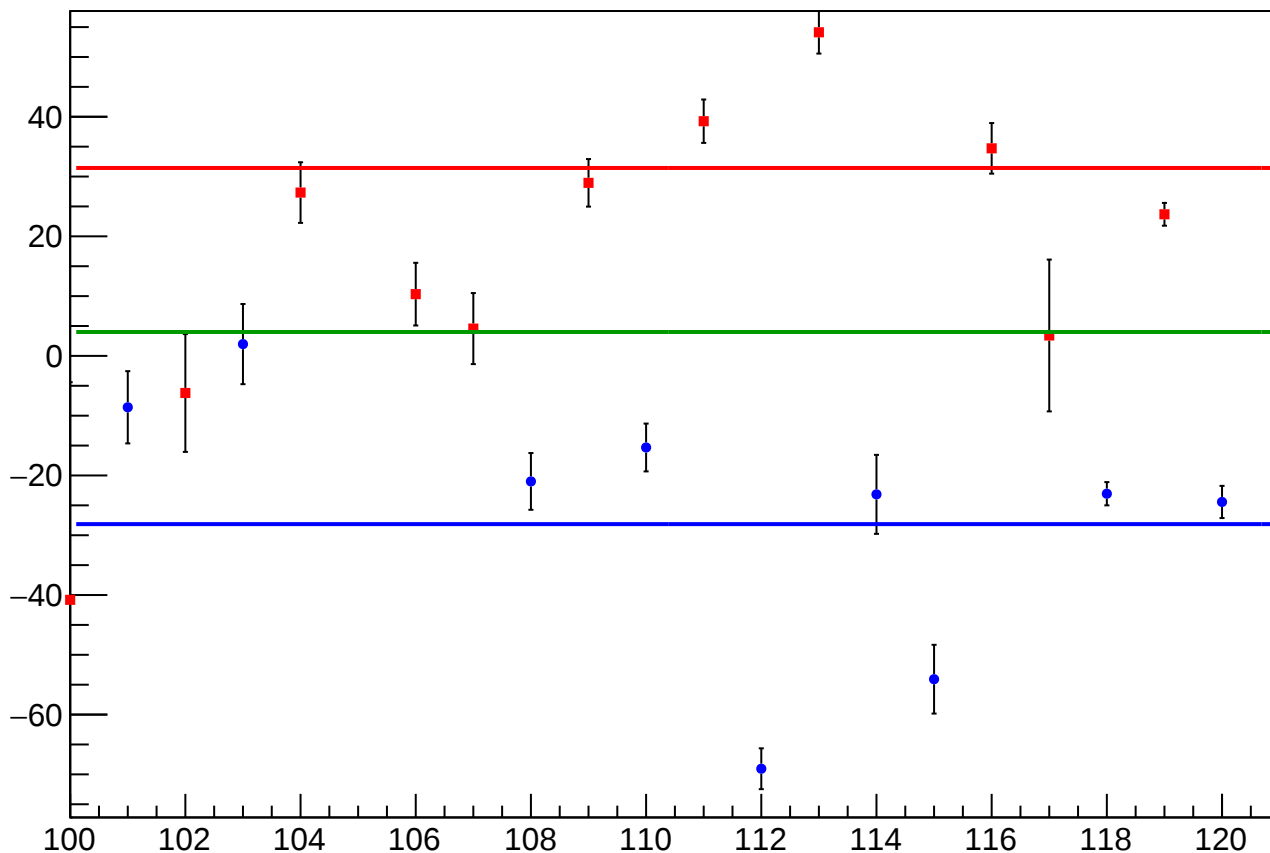
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

71.374+/-2.017 χ^2/NDF : 992.5/8

-15.250+/-1.317 χ^2/NDF : 5449.6/20

-79.641+/-1.739 χ^2/NDF : 1241.8/11

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -28.140 $\pm$ 1.197 χ^2 /NDF: 216.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.438 $\pm$ 1.106 χ^2 /NDF: 151.4/11

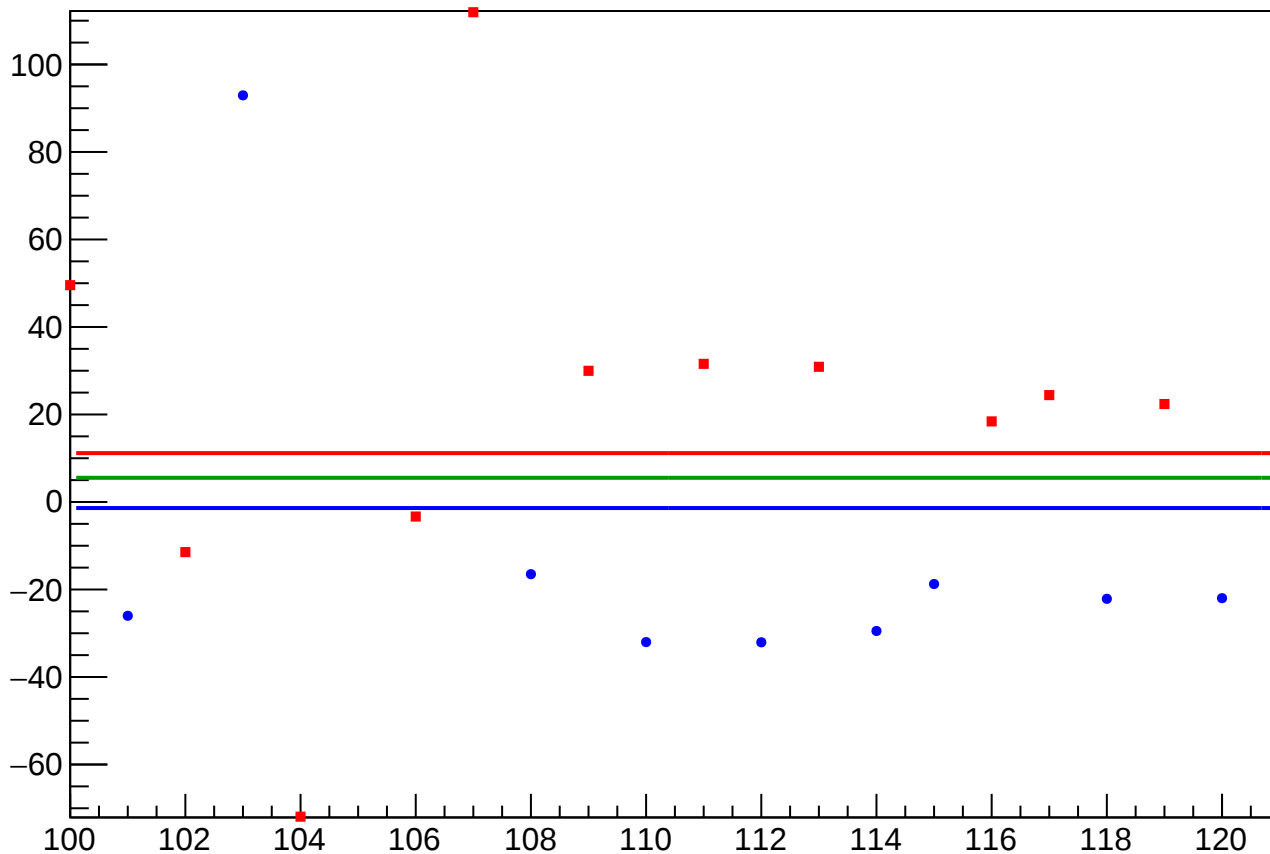
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-28.140 $\pm$ 1.197 χ^2 /NDF: 216.3/8

3.999 $\pm$ 0.813 χ^2 /NDF: 1703.3/20

31.438 $\pm$ 1.106 χ^2 /NDF: 151.4/11

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.383+/-0.072 χ^2/NDF : 395612.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.169+/-0.065 χ^2/NDF : 397322.1/11

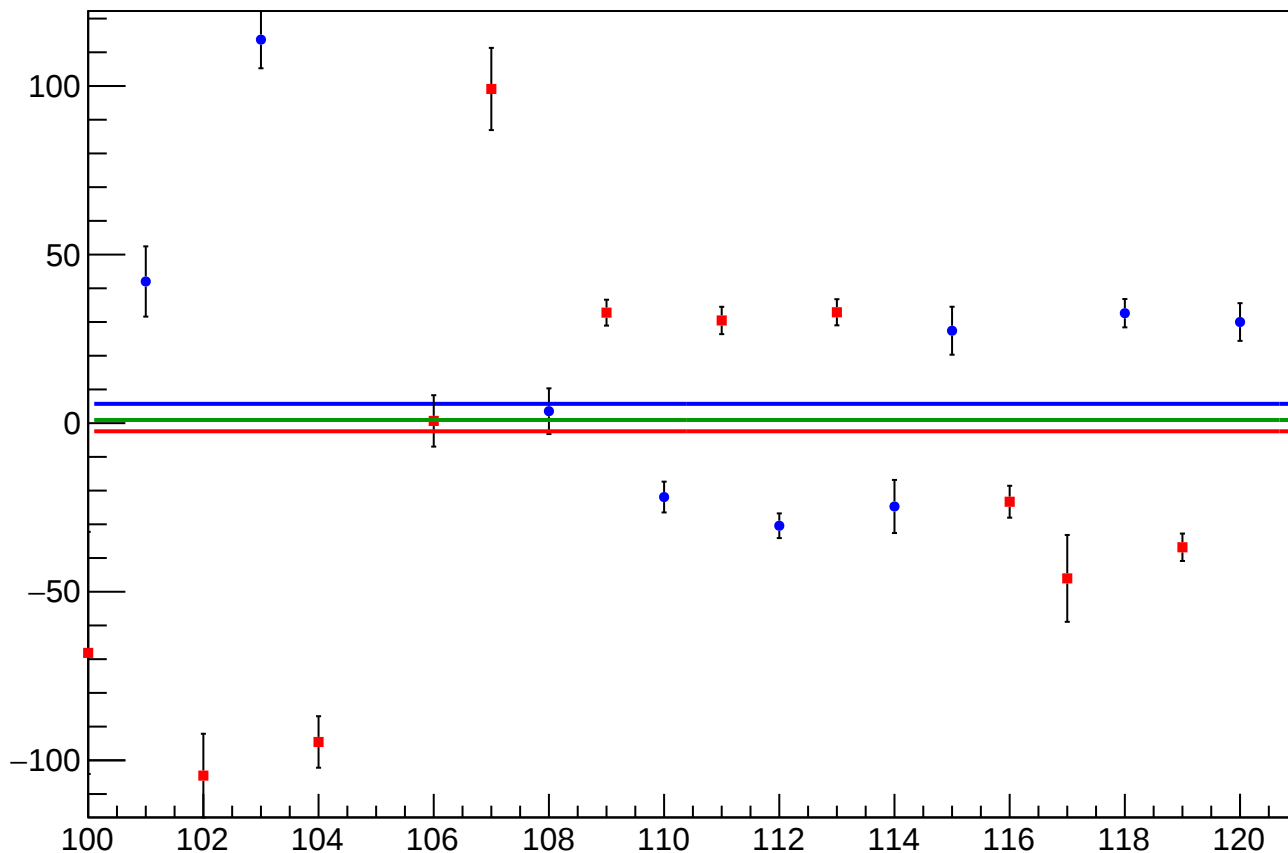
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.383+/-0.072 χ^2/NDF : 395612.4/8

5.532+/-0.049 χ^2/NDF : 809499.0/20

11.169+/-0.065 χ^2/NDF : 397322.1/11

reg_asym_at1_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 5.735+/-1.851 χ^2/NDF : 392.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.405+/-1.548 χ^2/NDF : 678.8/11

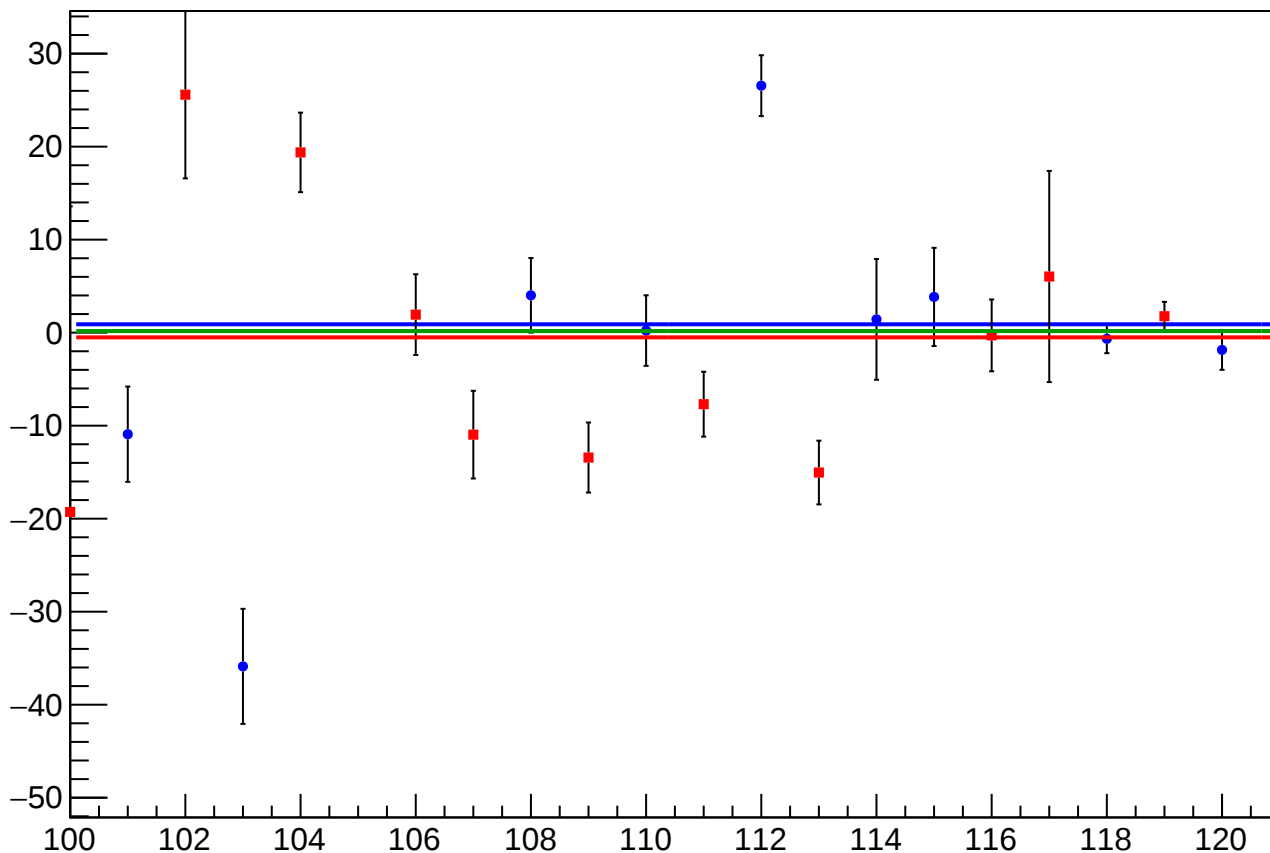
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.735+/-1.851 χ^2/NDF : 392.3/8

0.946+/-1.187 χ^2/NDF : 1082.6/20

-2.405+/-1.548 χ^2/NDF : 678.8/11

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.900+/-1.008 χ^2/NDF : 105.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.503+/-0.970 χ^2/NDF : 74.9/11

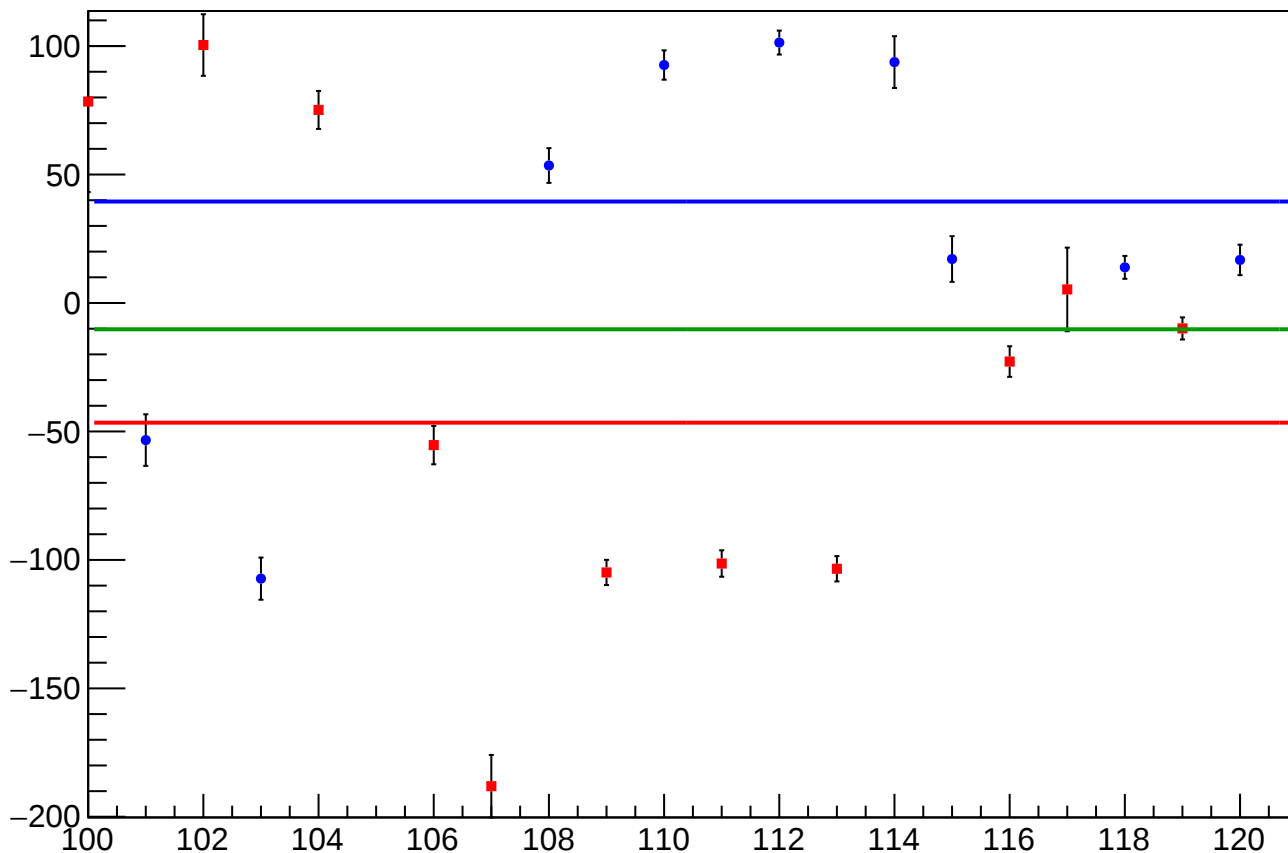
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.900+/-1.008 χ^2/NDF : 105.7/8

0.171+/-0.699 χ^2/NDF : 181.6/20

-0.503+/-0.970 χ^2/NDF : 74.9/11

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 39.491+/-2.110 χ^2 /NDF: 755.1/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -46.573+/-1.804 χ^2 /NDF: 1119.1/11

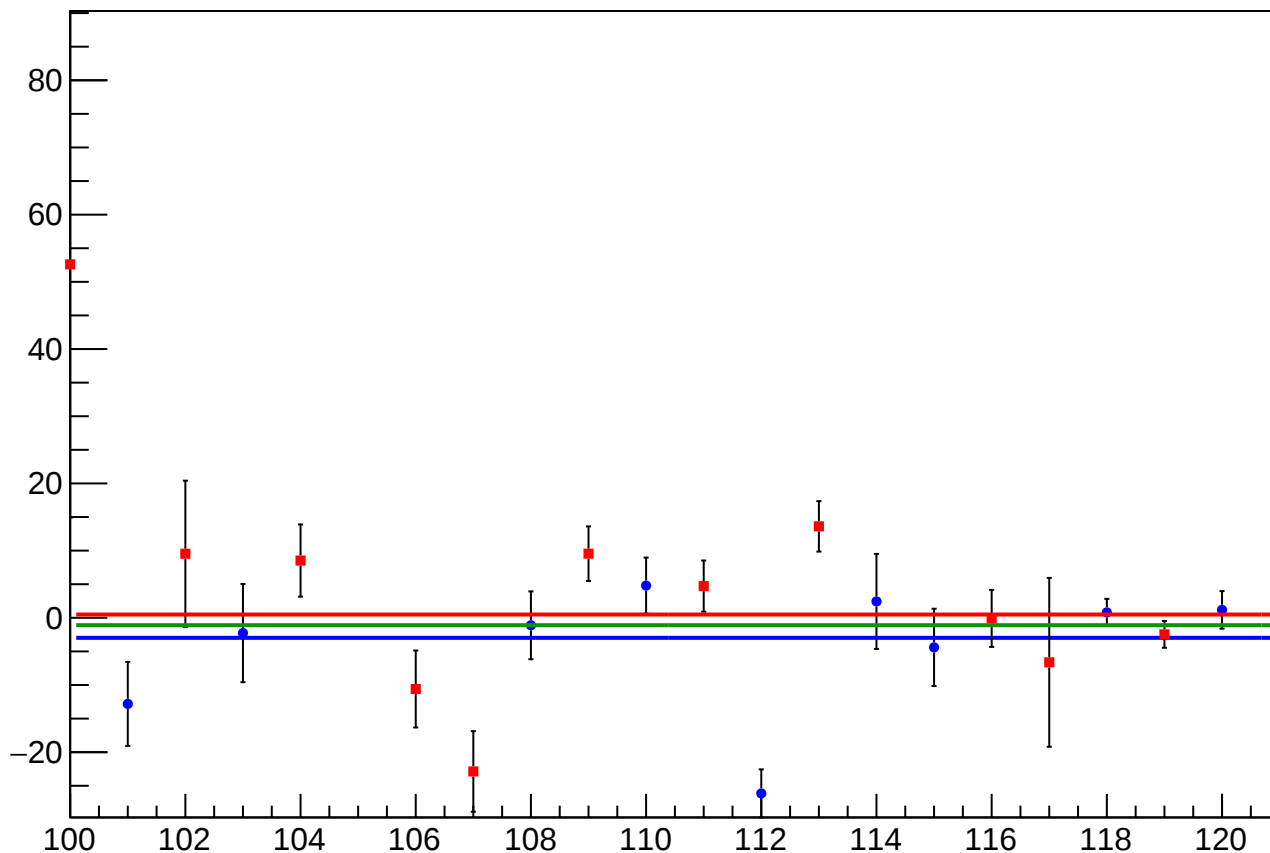
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

39.491+/-2.110 χ^2 /NDF: 755.1/8

-10.233+/-1.371 χ^2 /NDF: 2835.4/20

-46.573+/-1.804 χ^2 /NDF: 1119.1/11

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.978 ± 1.247 χ^2/NDF : 54.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.490 ± 1.147 χ^2/NDF : 45.6/11

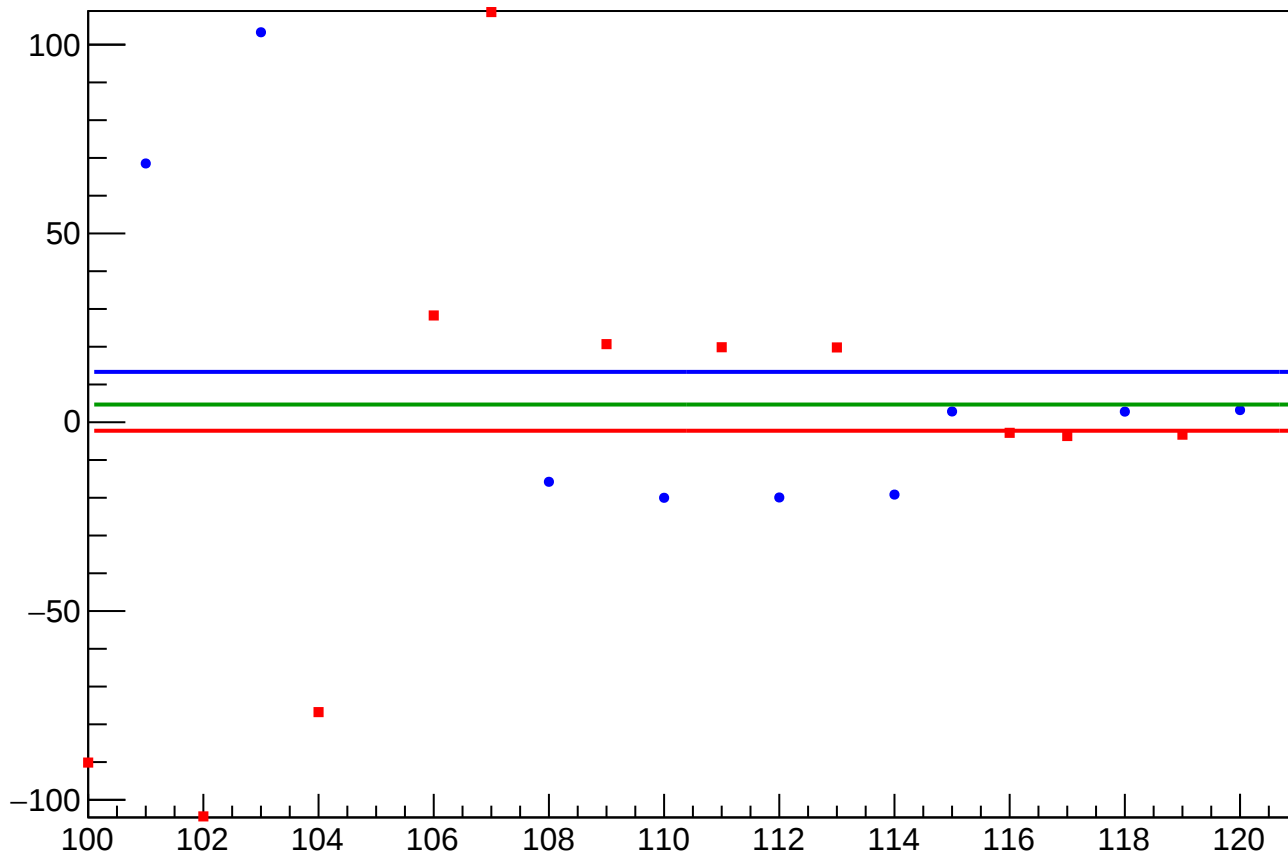
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2.978 ± 1.247 χ^2/NDF : 54.4/8

-1.099 ± 0.844 χ^2/NDF : 104.1/20

0.490 ± 1.147 χ^2/NDF : 45.6/11

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 13.339 $\pm$ 0.076 χ^2/NDF : 346725.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -2.250 $\pm$ 0.068 χ^2/NDF : 509753.1/11

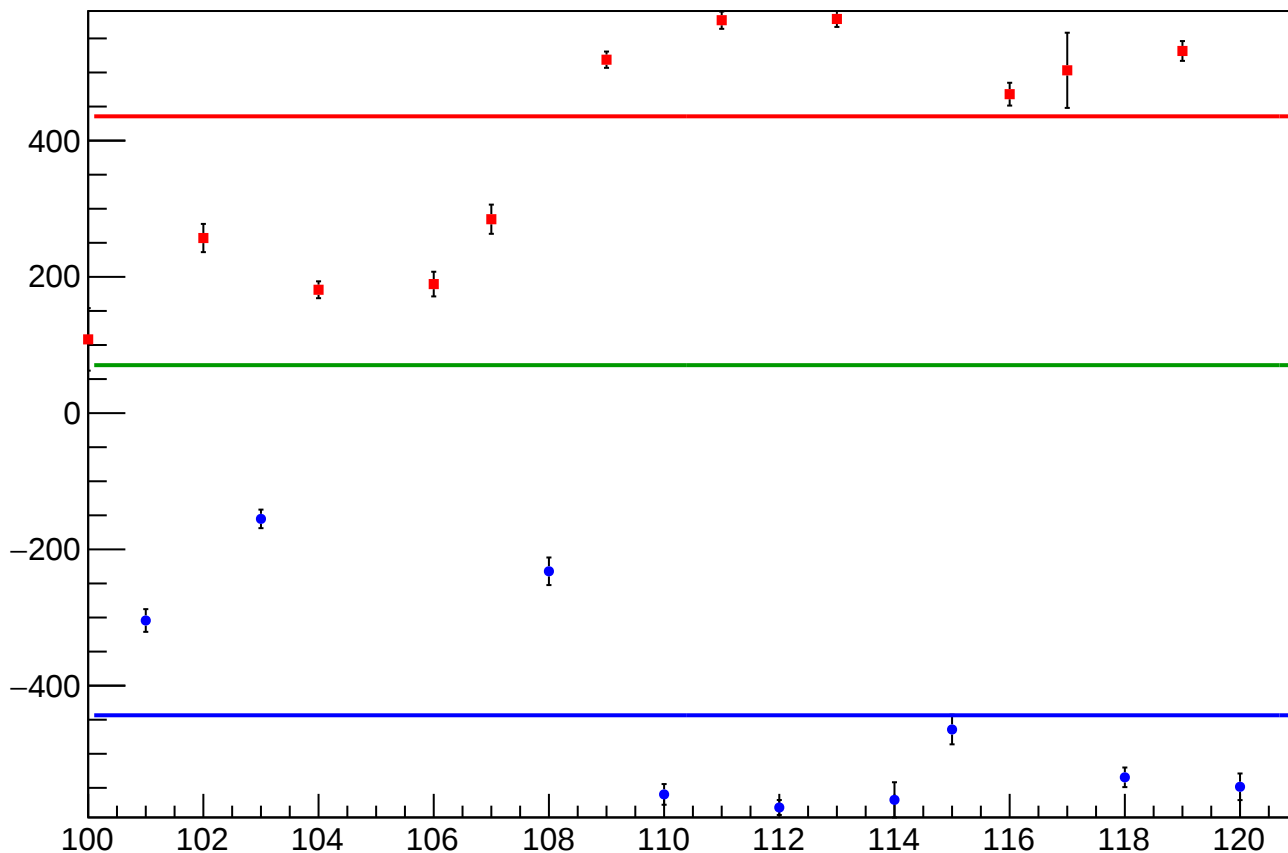
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

13.339 $\pm$ 0.076 χ^2/NDF : 346725.4/8

4.692 $\pm$ 0.051 χ^2/NDF : 879542.0/20

-2.250 $\pm$ 0.068 χ^2/NDF : 509753.1/11

reg_asym_at2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -443.479+/-5.335 χ^2/NDF : 930.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 435.655+/-4.498 χ^2/NDF : 1162.0/11

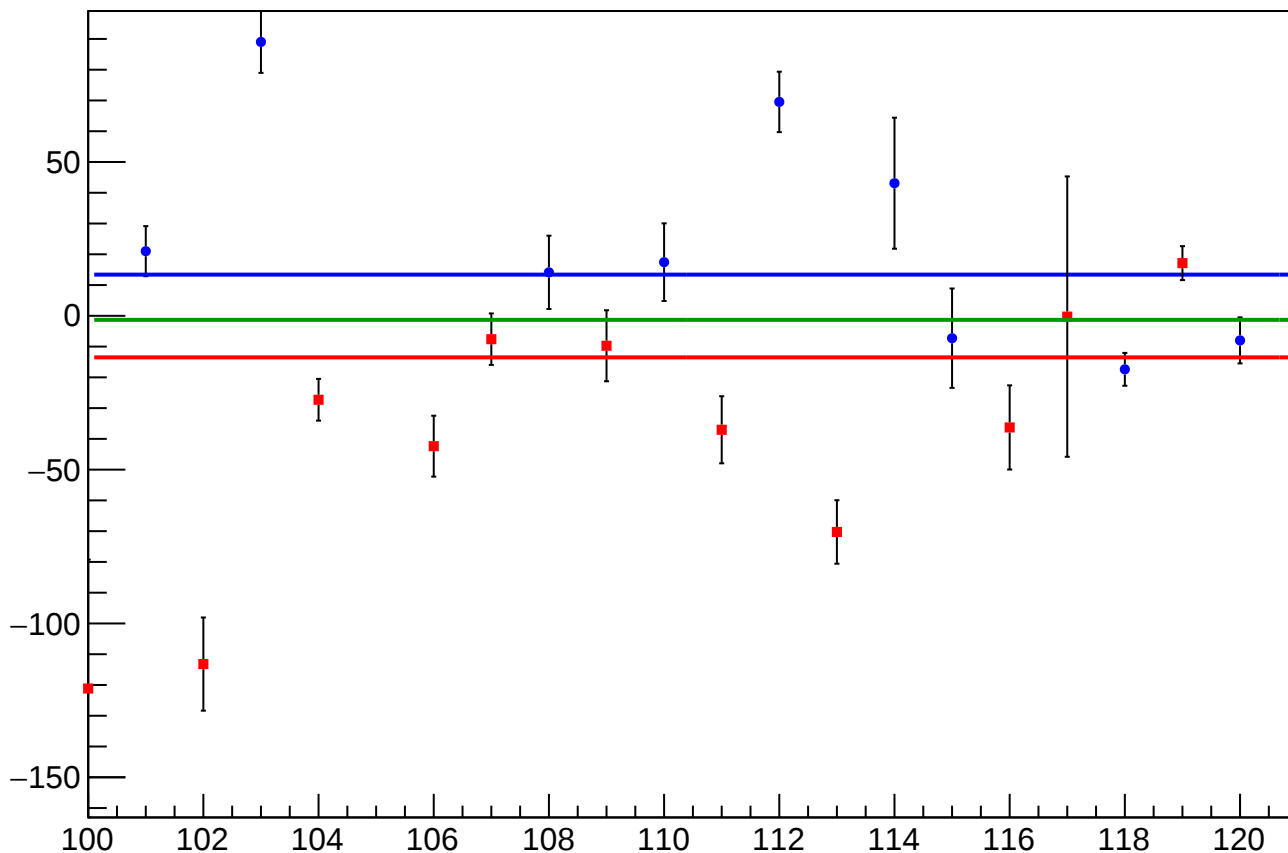
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-443.479+/-5.335 χ^2/NDF : 930.8/8

70.426+/-3.439 χ^2/NDF : 17966.4/20

435.655+/-4.498 χ^2/NDF : 1162.0/11

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.391+/-3.047 χ^2/NDF : 135.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.507+/-2.776 χ^2/NDF : 177.2/11

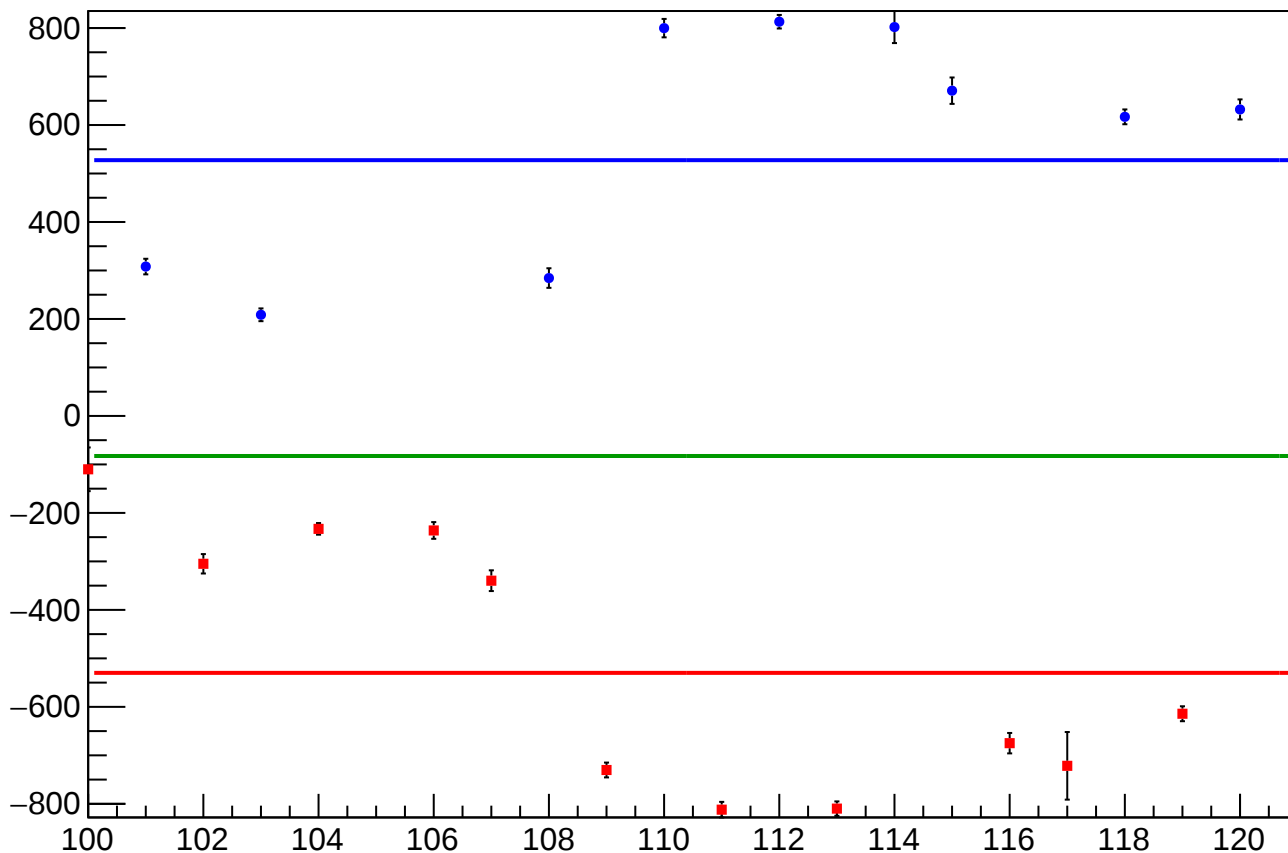
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13.391+/-3.047 χ^2/NDF : 135.3/8

-1.309+/-2.052 χ^2/NDF : 355.1/20

-13.507+/-2.776 χ^2/NDF : 177.2/11

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 527.504+/-5.885 χ^2/NDF : 1697.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -529.898+/-5.039 χ^2/NDF : 2138.1/11

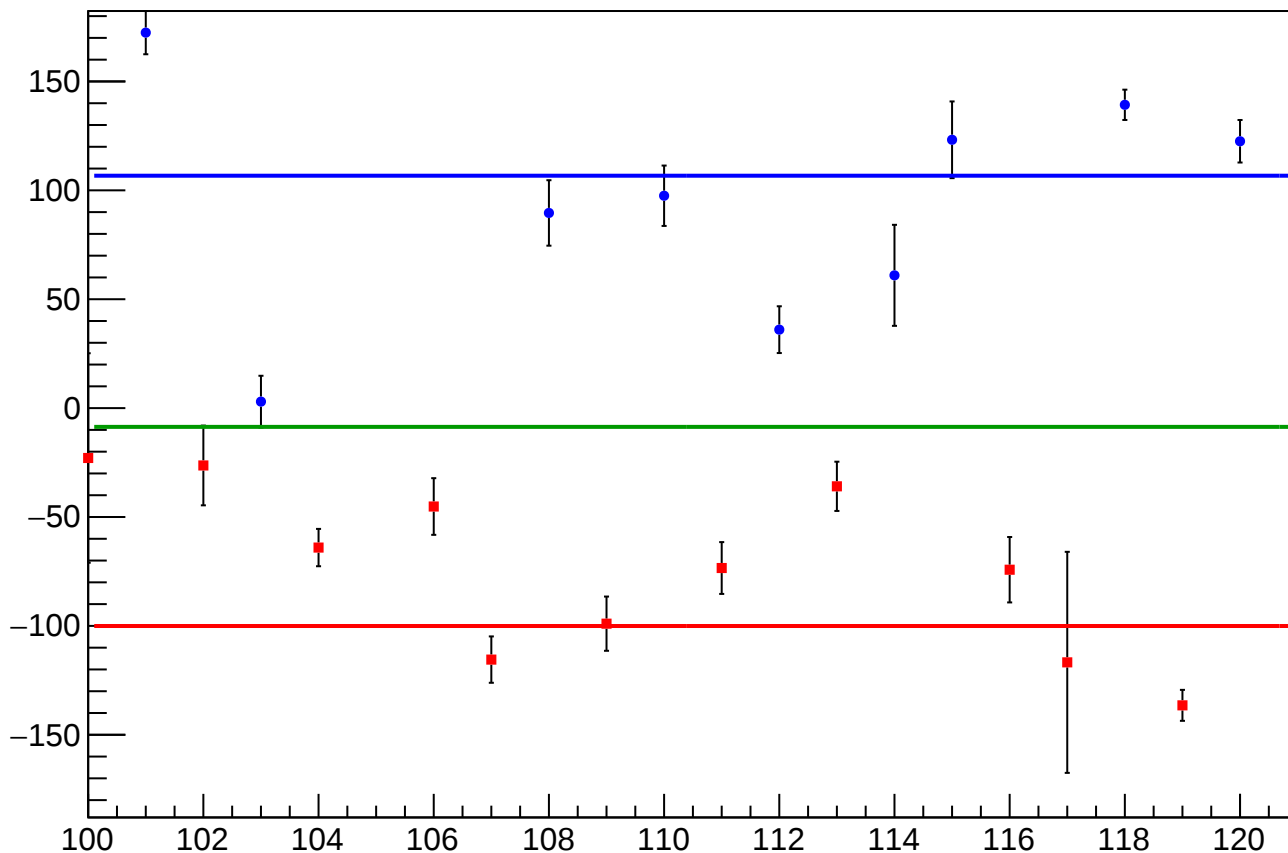
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

527.504+/-5.885 χ^2/NDF : 1697.7/8

-82.608+/-3.828 χ^2/NDF : 22463.9/20

-529.898+/-5.039 χ^2/NDF : 2138.1/11

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 106.717 $\pm$ 3.732 χ^2 /NDF: 194.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -100.053 $\pm$ 3.323 χ^2 /NDF: 203.1/11

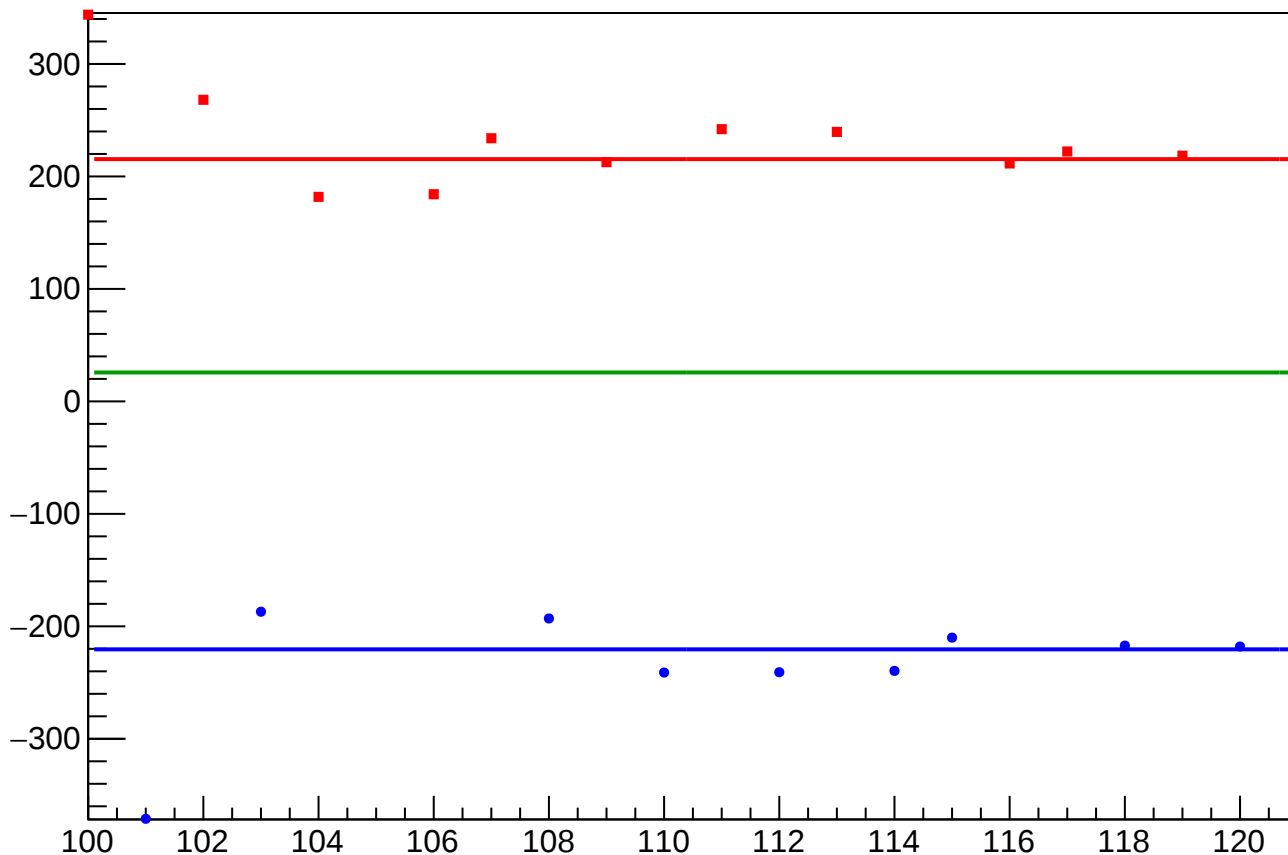
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

106.717 $\pm$ 3.732 χ^2 /NDF: 194.6/8

-8.613 $\pm$ 2.482 χ^2 /NDF: 2109.5/20

-100.053 $\pm$ 3.323 χ^2 /NDF: 203.1/11

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -220.460+/-0.190 χ^2/NDF : 85941.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 215.393+/-0.167 χ^2/NDF : 40331.5/11

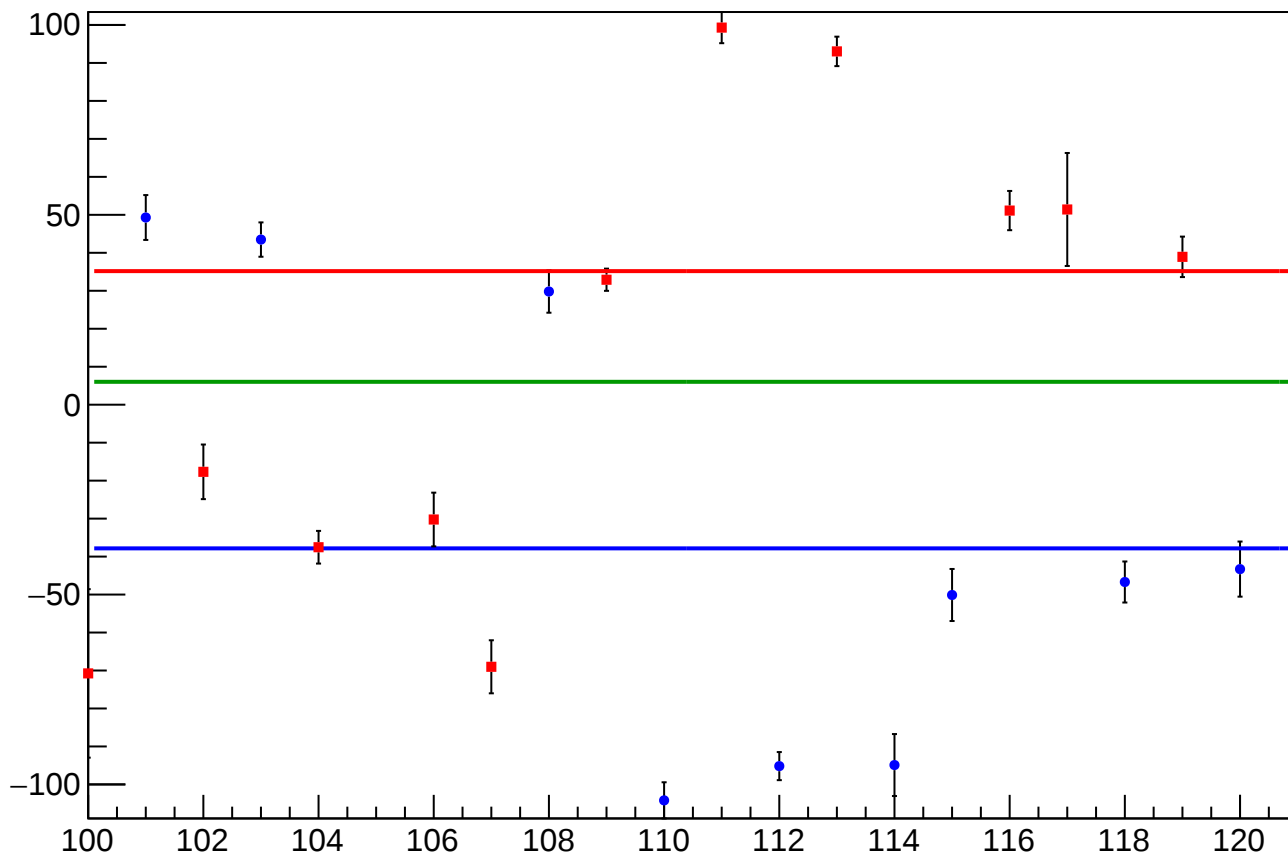
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-220.460+/-0.190 χ^2/NDF : 85941.3/8

25.707+/-0.125 χ^2/NDF : 3091605.2/20

215.393+/-0.167 χ^2/NDF : 40331.5/11

reg_asym_at2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -37.836+/-1.778 χ^2/NDF : 1177.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.175+/-1.450 χ^2/NDF : 1153.3/11

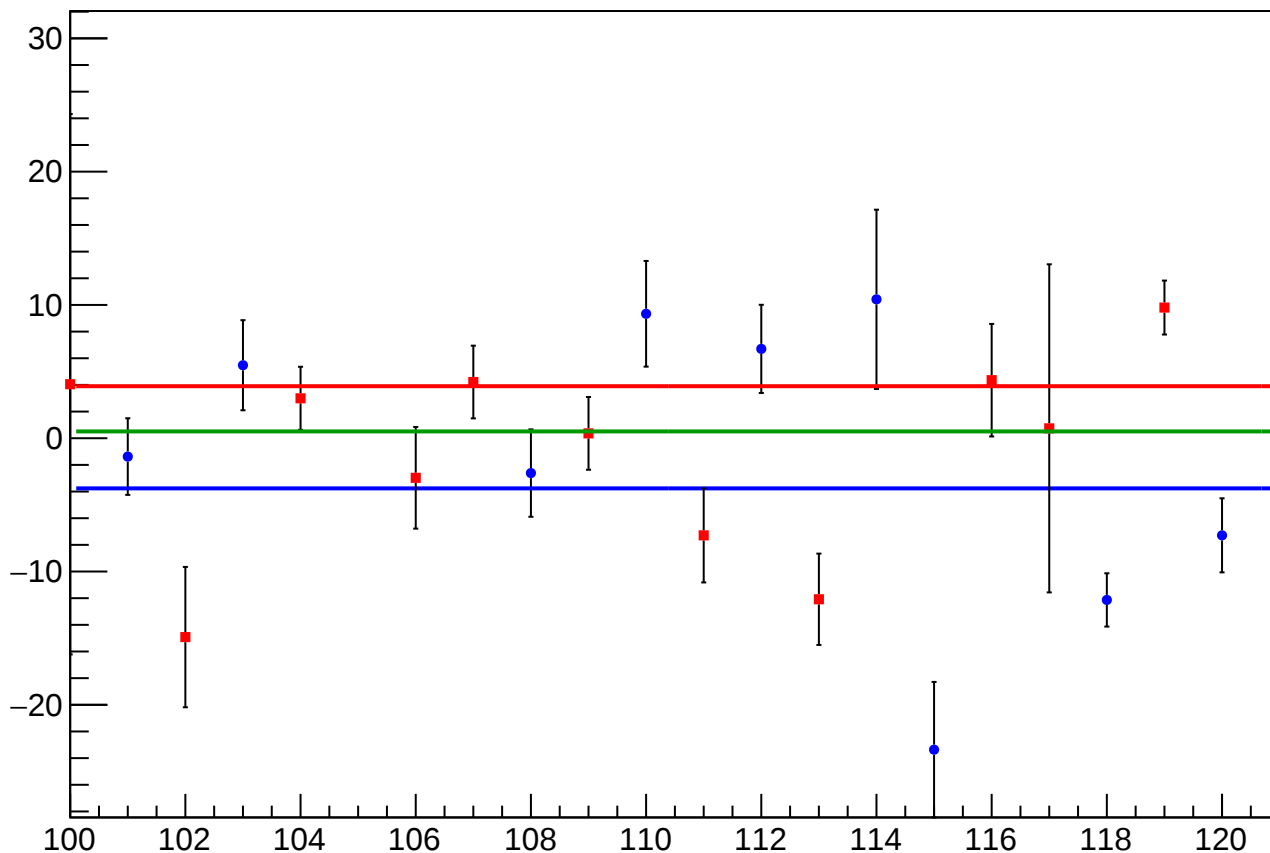
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-37.836+/-1.778 χ^2/NDF : 1177.1/8

6.026+/-1.124 χ^2/NDF : 3343.2/20

35.175+/-1.450 χ^2/NDF : 1153.3/11

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.762+/-1.056 χ^2/NDF : 67.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.903+/-0.941 χ^2/NDF : 122.4/11

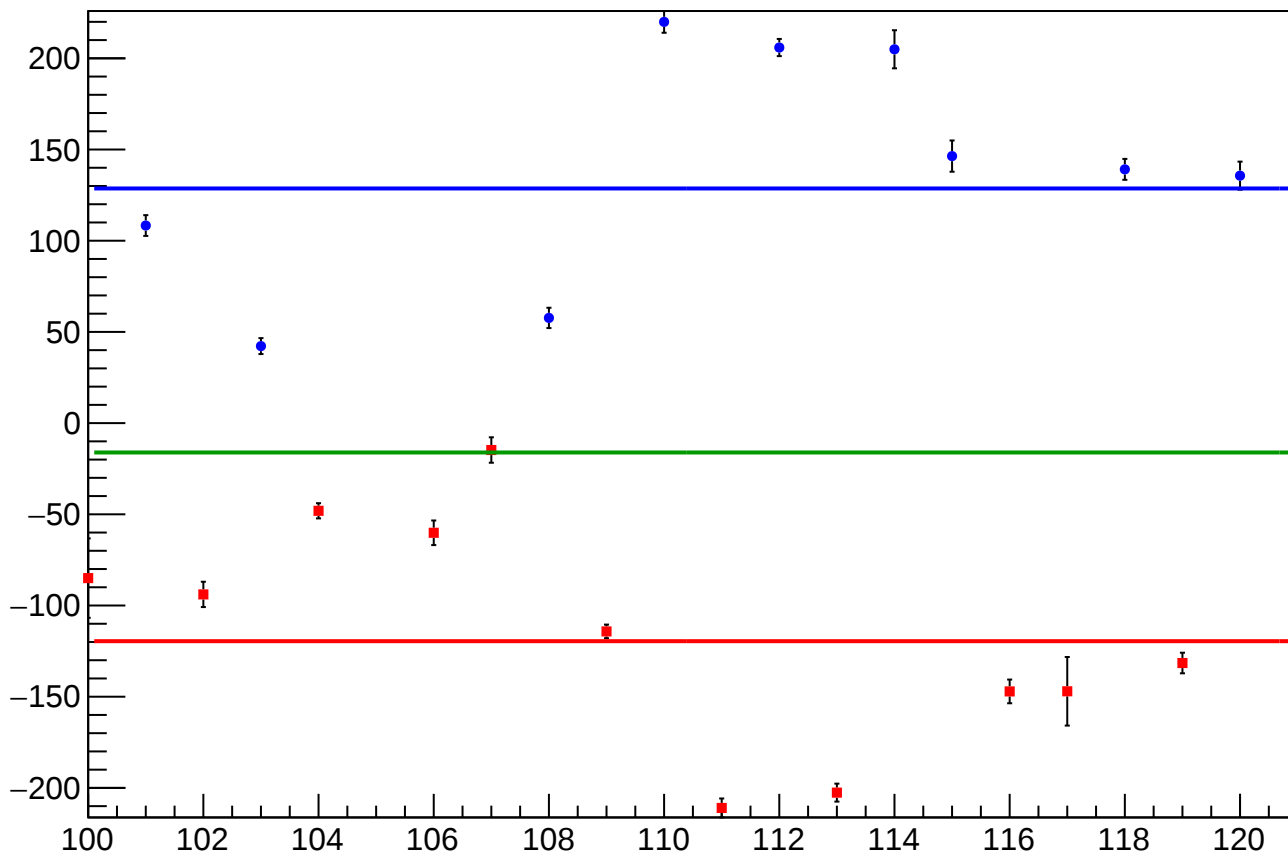
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.762+/-1.056 χ^2/NDF : 67.7/8

0.511+/-0.702 χ^2/NDF : 219.4/20

3.903+/-0.941 χ^2/NDF : 122.4/11

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 128.647 ± 1.966 χ^2/NDF : 1131.0/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -119.558 ± 1.662 χ^2/NDF : 1247.5/11

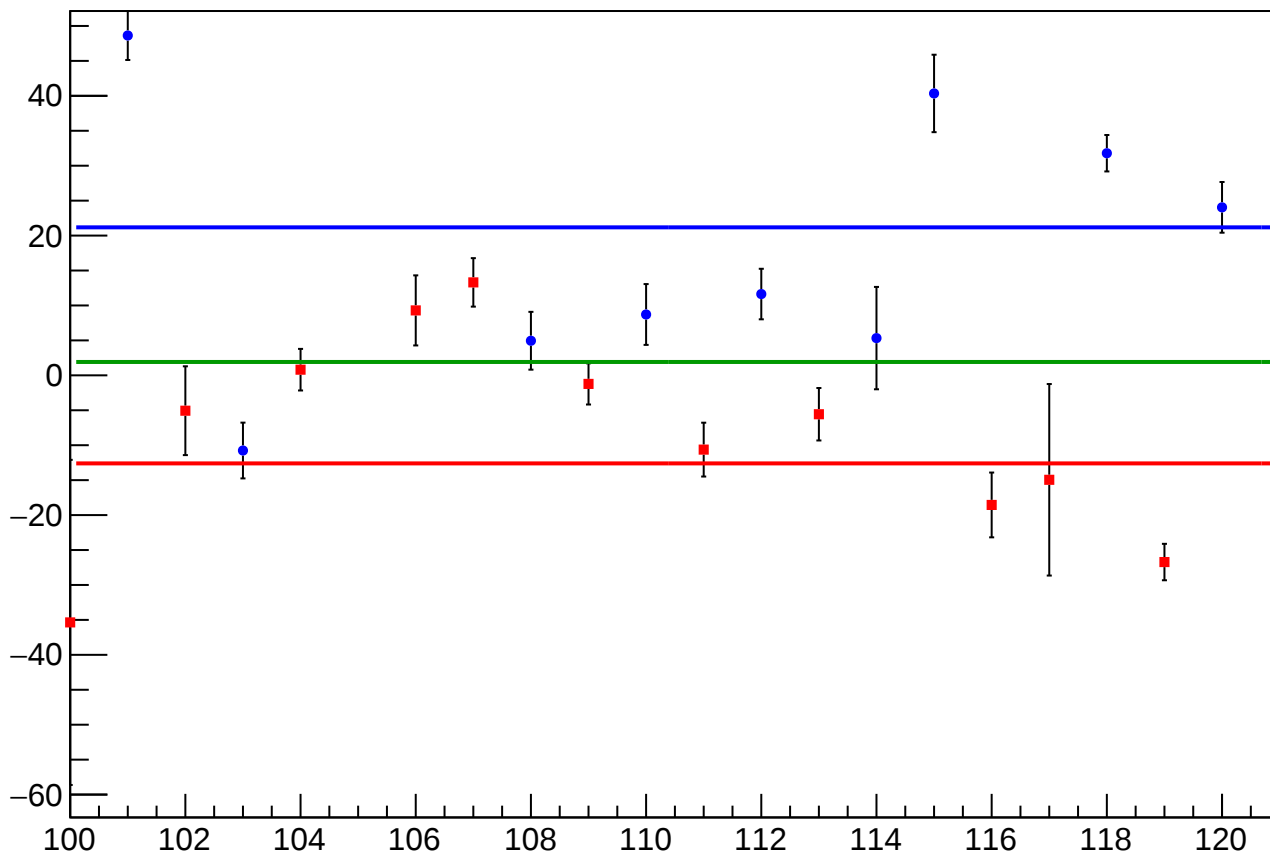
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

128.647 ± 1.966 χ^2/NDF : 1131.0/8

-16.102 ± 1.269 χ^2/NDF : 11671.2/20

-119.558 ± 1.662 χ^2/NDF : 1247.5/11

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 21.179+/-1.284 χ^2 /NDF: 189.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -12.603+/-1.115 χ^2 /NDF: 348.7/11

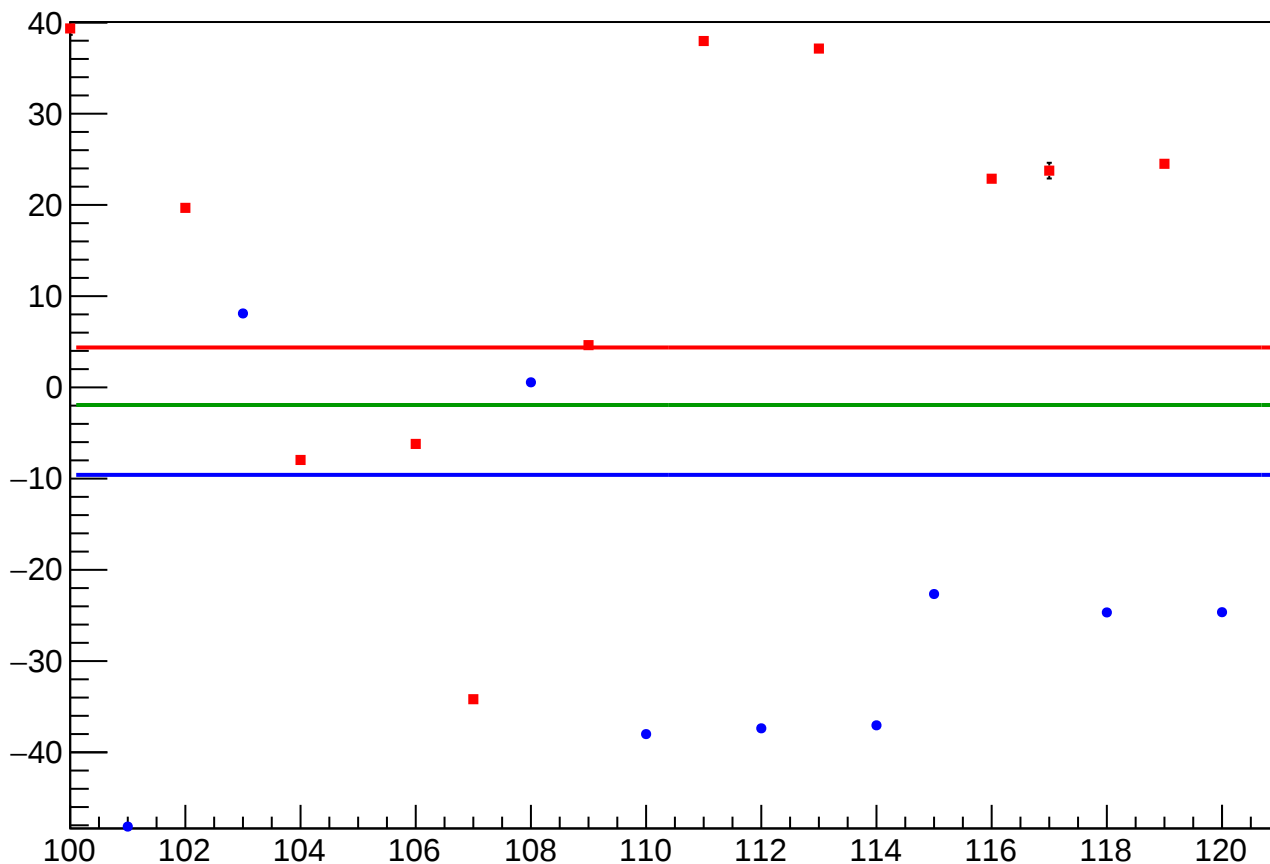
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

21.179+/-1.284 χ^2 /NDF: 189.8/8

1.913+/-0.842 χ^2 /NDF: 933.1/20

-12.603+/-1.115 χ^2 /NDF: 348.7/11

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -9.590 ± 0.062 $\chi^2/\text{NDF}: 110695.5/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 4.374 ± 0.056 $\chi^2/\text{NDF}: 147365.4/11$

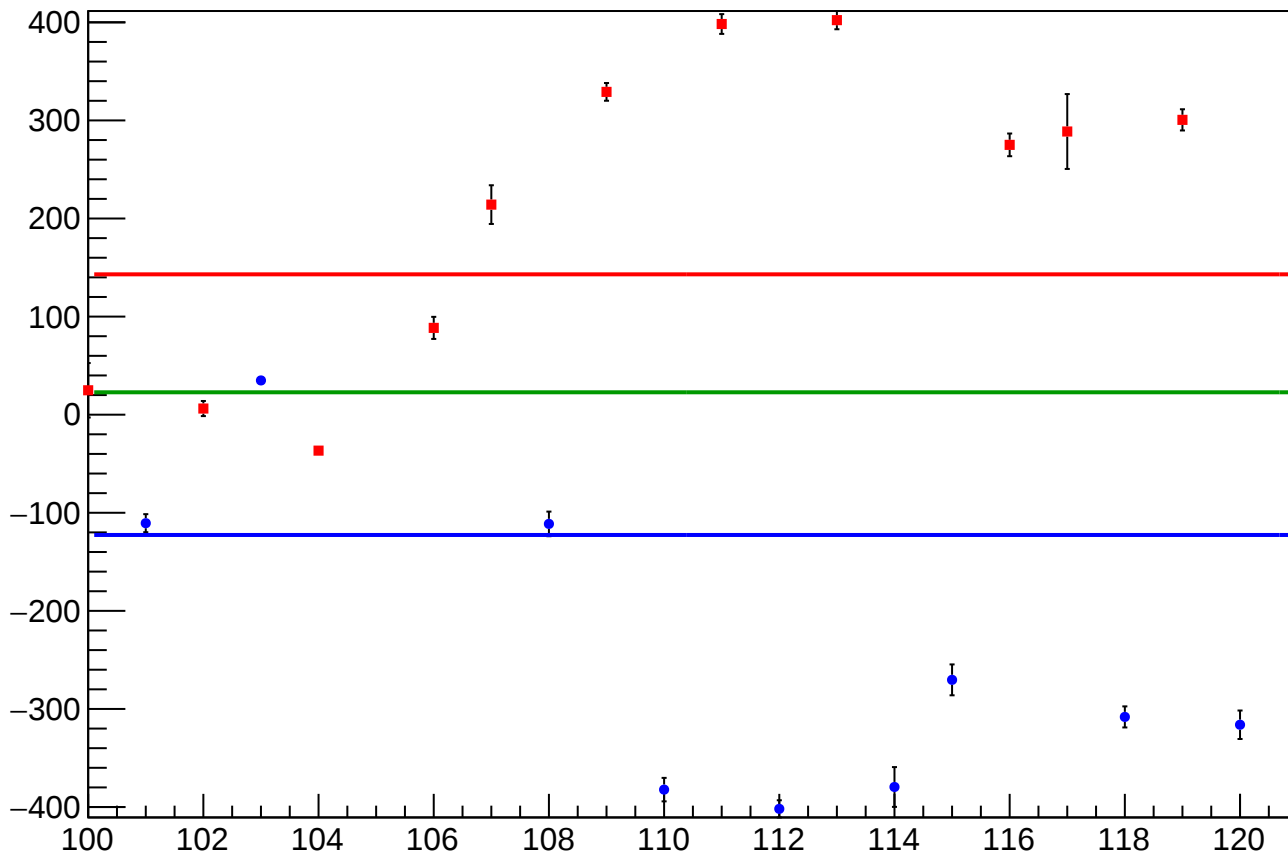
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-9.590 ± 0.062 $\chi^2/\text{NDF}: 110695.5/8$

-1.930 ± 0.042 $\chi^2/\text{NDF}: 285978.9/20$

4.374 ± 0.056 $\chi^2/\text{NDF}: 147365.4/11$

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -122.630+/-2.948 χ^2/NDF : 3626.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 143.084+/-2.681 χ^2/NDF : 4358.4/11

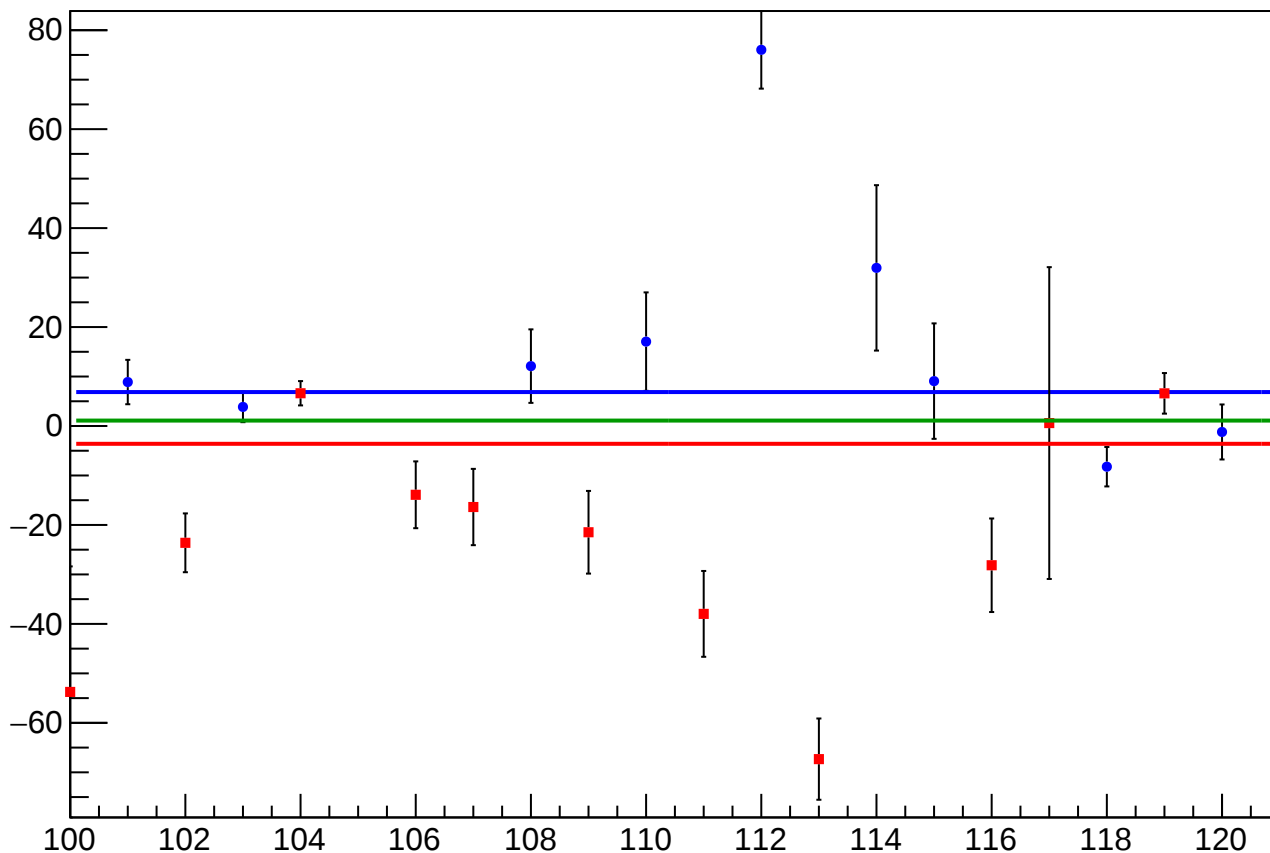
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-122.630+/-2.948 χ^2/NDF : 3626.8/8

22.830+/-1.983 χ^2/NDF : 12432.3/20

143.084+/-2.681 χ^2/NDF : 4358.4/11

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.860+/-1.808 χ^2/NDF : 99.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.599+/-1.632 χ^2/NDF : 149.9/11

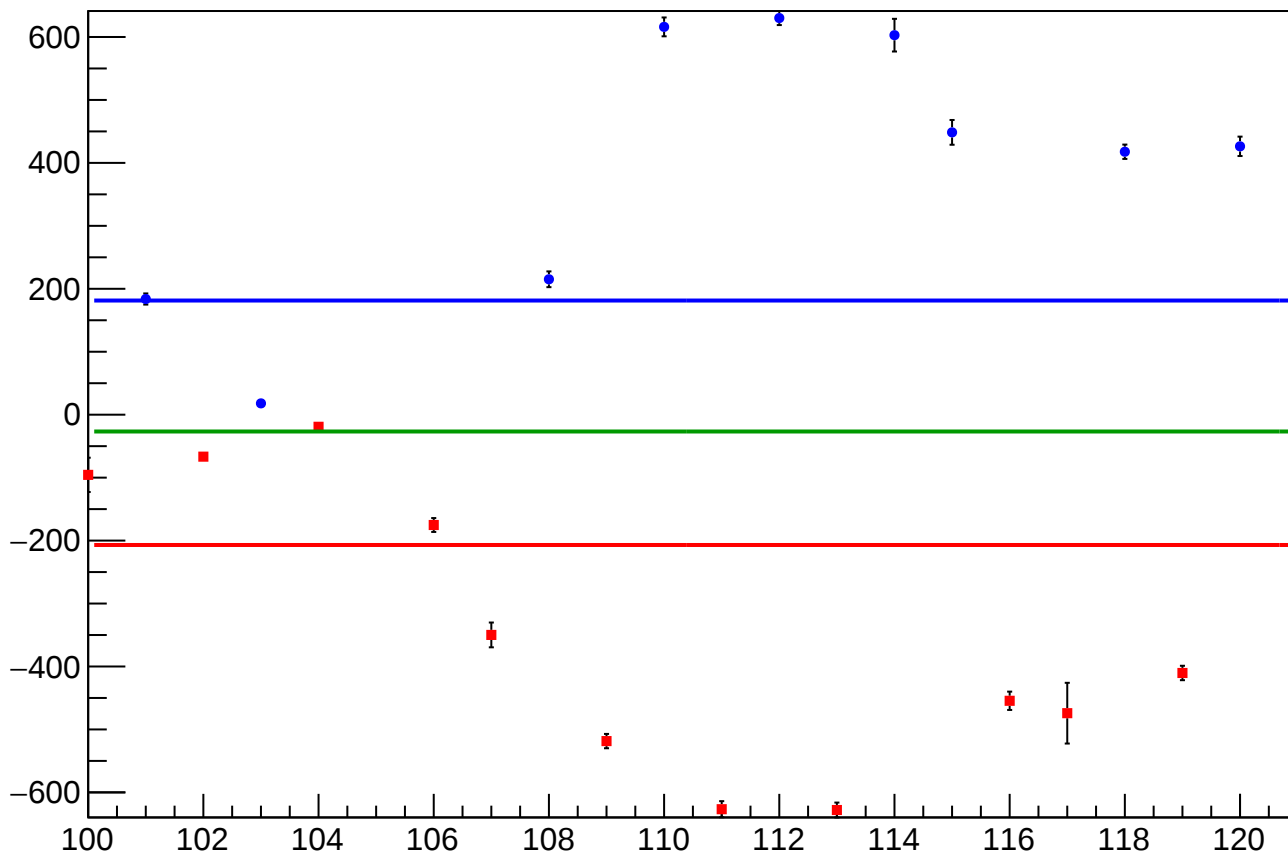
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.860+/-1.808 χ^2/NDF : 99.2/8

1.097+/-1.212 χ^2/NDF : 267.5/20

-3.599+/-1.632 χ^2/NDF : 149.9/11

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 181.355 ± 3.035 χ^2/NDF : 5224.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -206.984 ± 2.826 χ^2/NDF : 6370.5/11

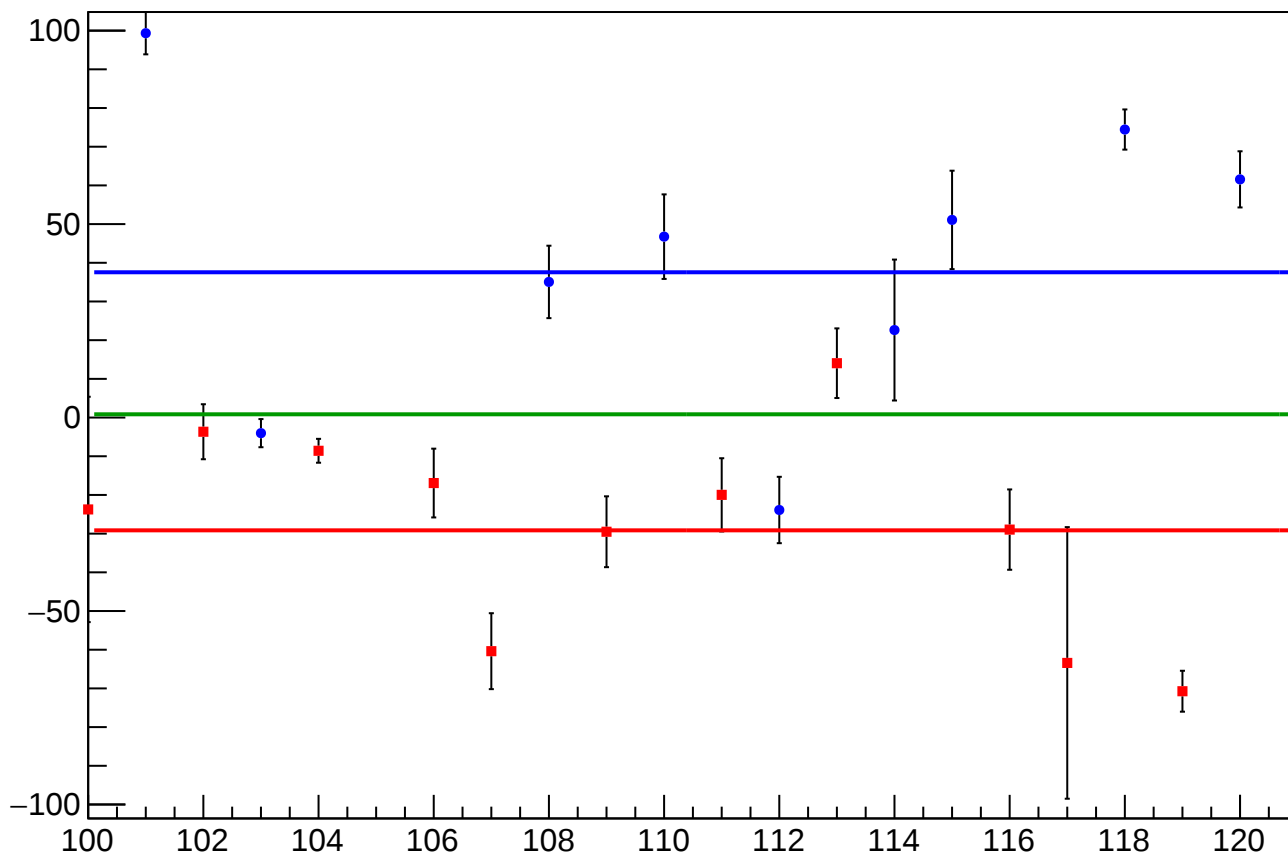
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

181.355 ± 3.035 χ^2/NDF : 5224.1/8

-26.693 ± 2.068 χ^2/NDF : 20363.9/20

-206.984 ± 2.826 χ^2/NDF : 6370.5/11

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 37.549+/-2.195 χ^2/NDF : 373.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.148+/-1.984 χ^2/NDF : 266.1/11

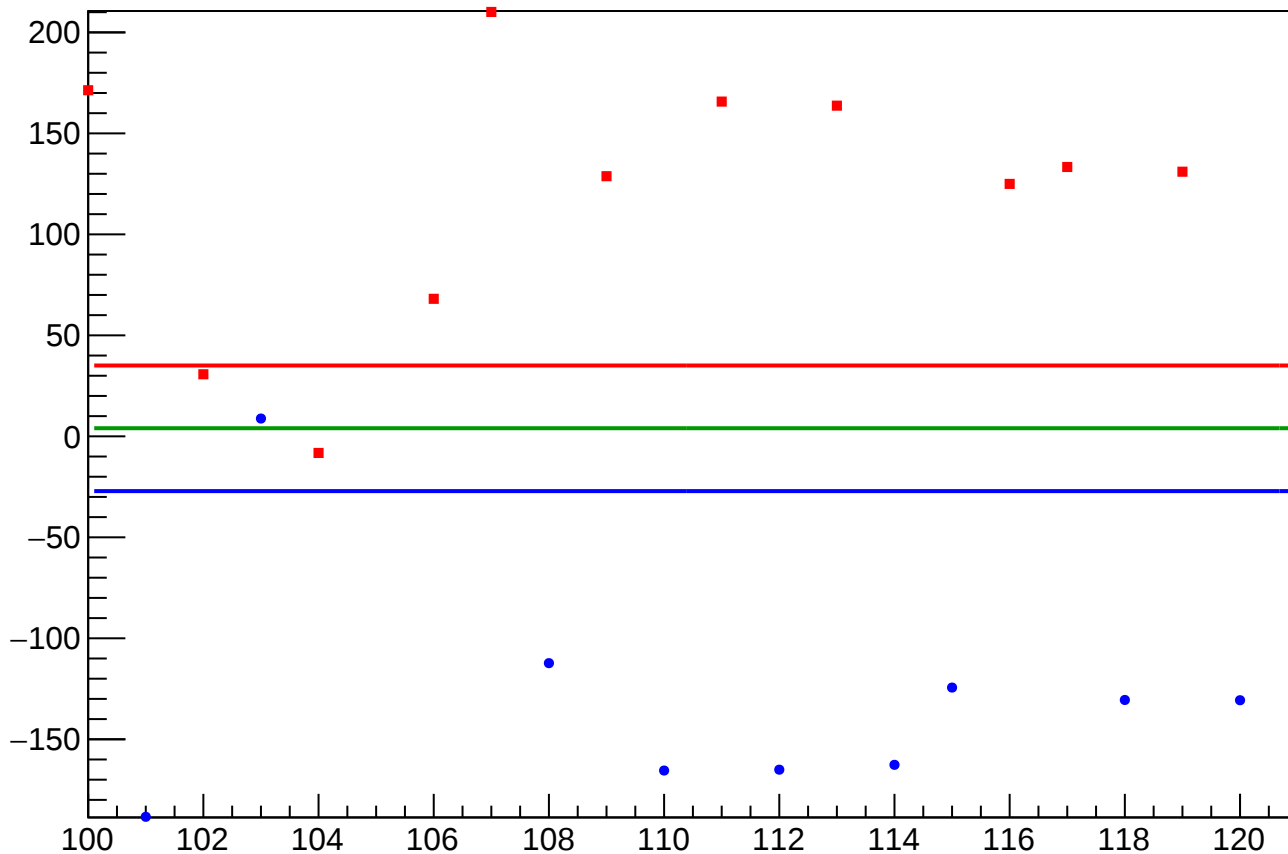
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

37.549+/-2.195 χ^2/NDF : 373.6/8

0.843+/-1.472 χ^2/NDF : 1148.0/20

-29.148+/-1.984 χ^2/NDF : 266.1/11

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -27.121+/-0.080 χ^2/NDF : 708781.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.070+/-0.079 χ^2/NDF : 592078.2/11

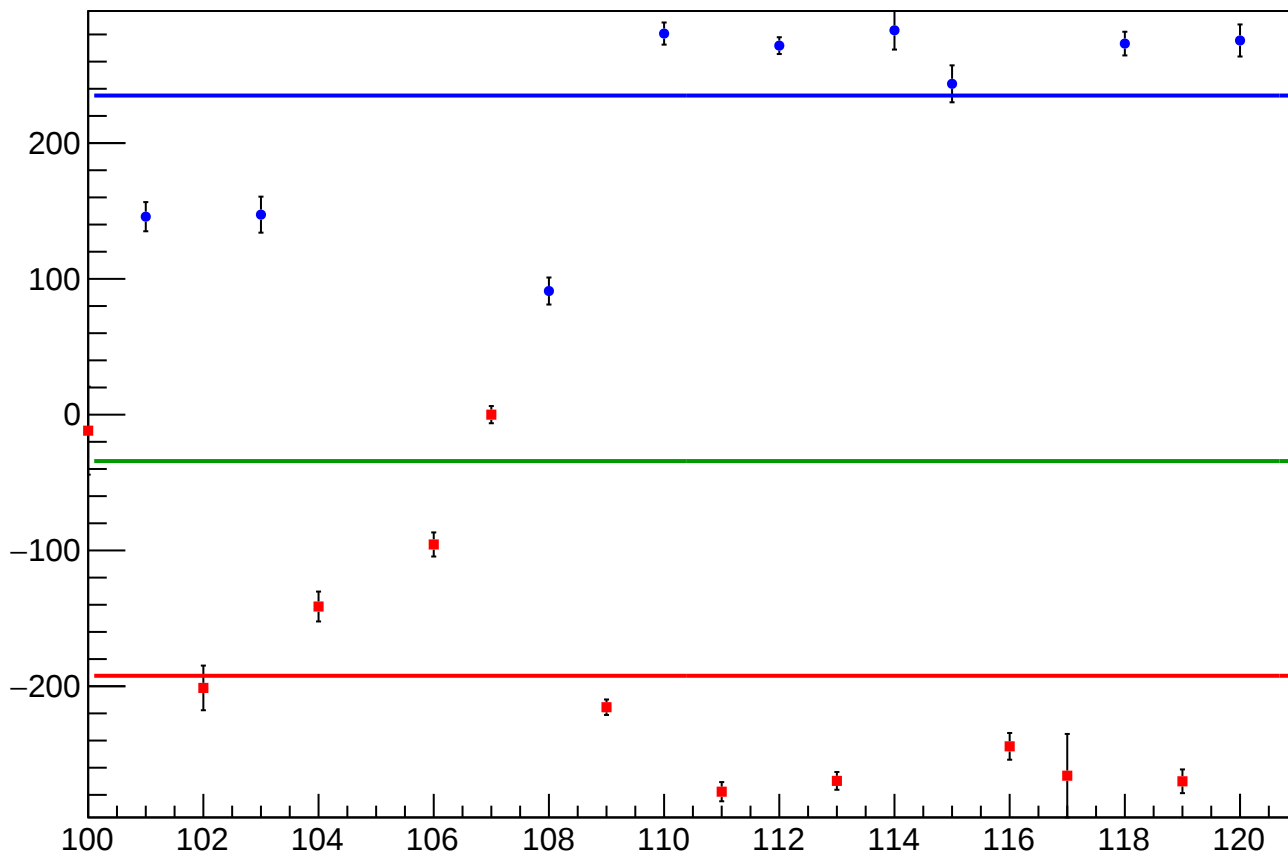
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-27.121+/-0.080 χ^2/NDF : 708781.4/8

4.014+/-0.056 χ^2/NDF : 1606833.2/20

35.070+/-0.079 χ^2/NDF : 592078.2/11

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 235.013+/-3.224 χ^2/NDF : 431.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -192.298+/-2.471 χ^2/NDF : 1546.4/11

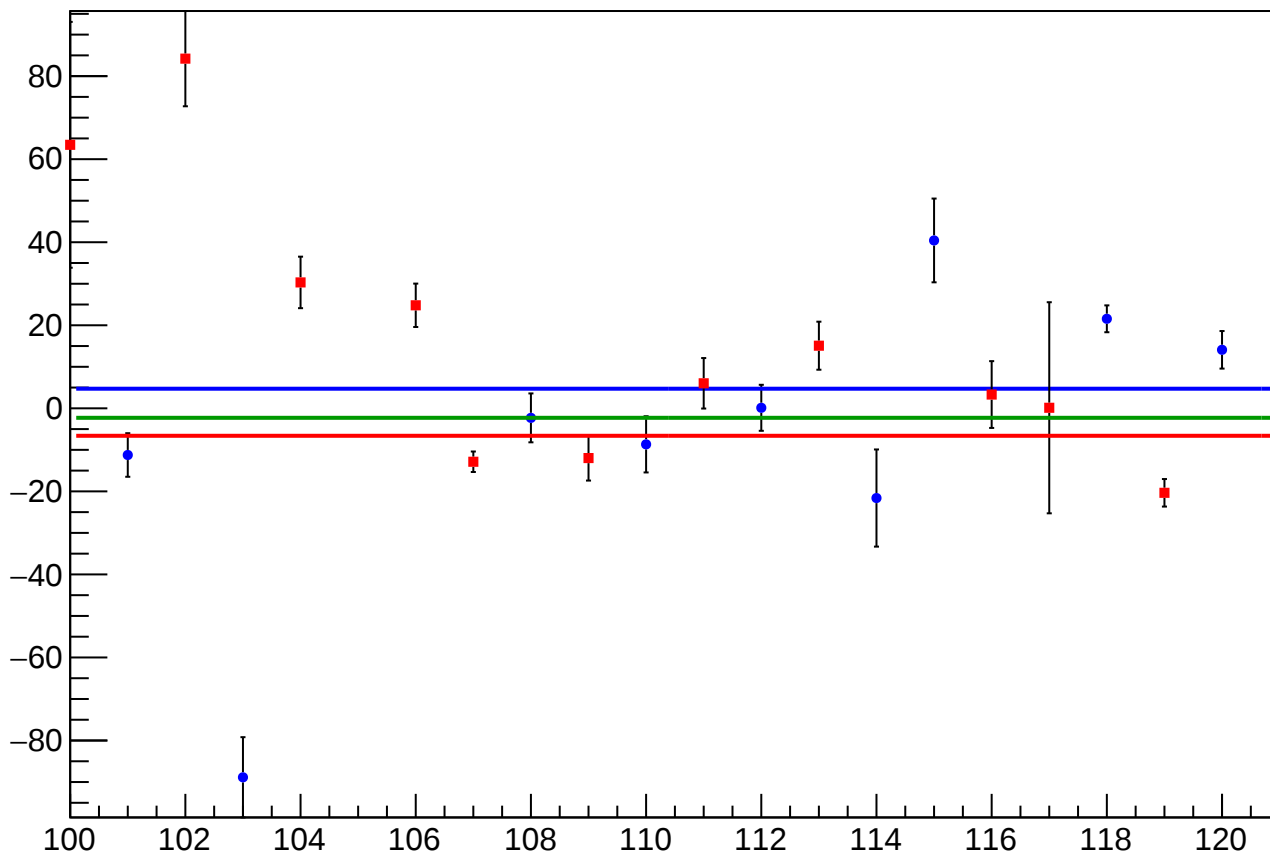
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

235.013+/-3.224 χ^2/NDF : 431.3/8

-34.175+/-1.961 χ^2/NDF : 13047.4/20

-192.298+/-2.471 χ^2/NDF : 1546.4/11

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.722+/-1.851 χ^2/NDF : 158.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.614+/-1.455 χ^2/NDF : 250.4/11

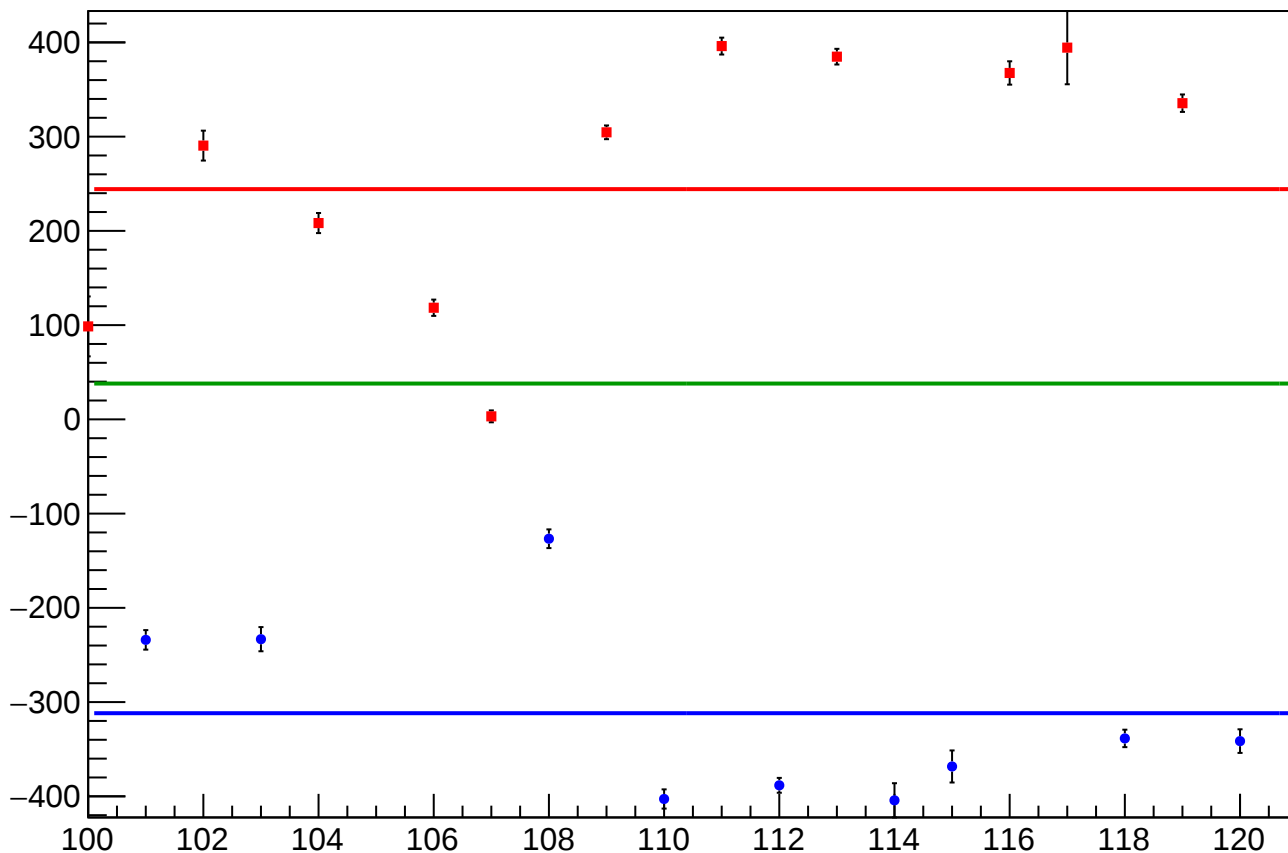
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.722+/-1.851 χ^2/NDF : 158.0/8

-2.283+/-1.144 χ^2/NDF : 431.6/20

-6.614+/-1.455 χ^2/NDF : 250.4/11

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -311.794+/-3.633 χ^2/NDF : 666.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 244.303+/-2.790 χ^2/NDF : 2645.4/11

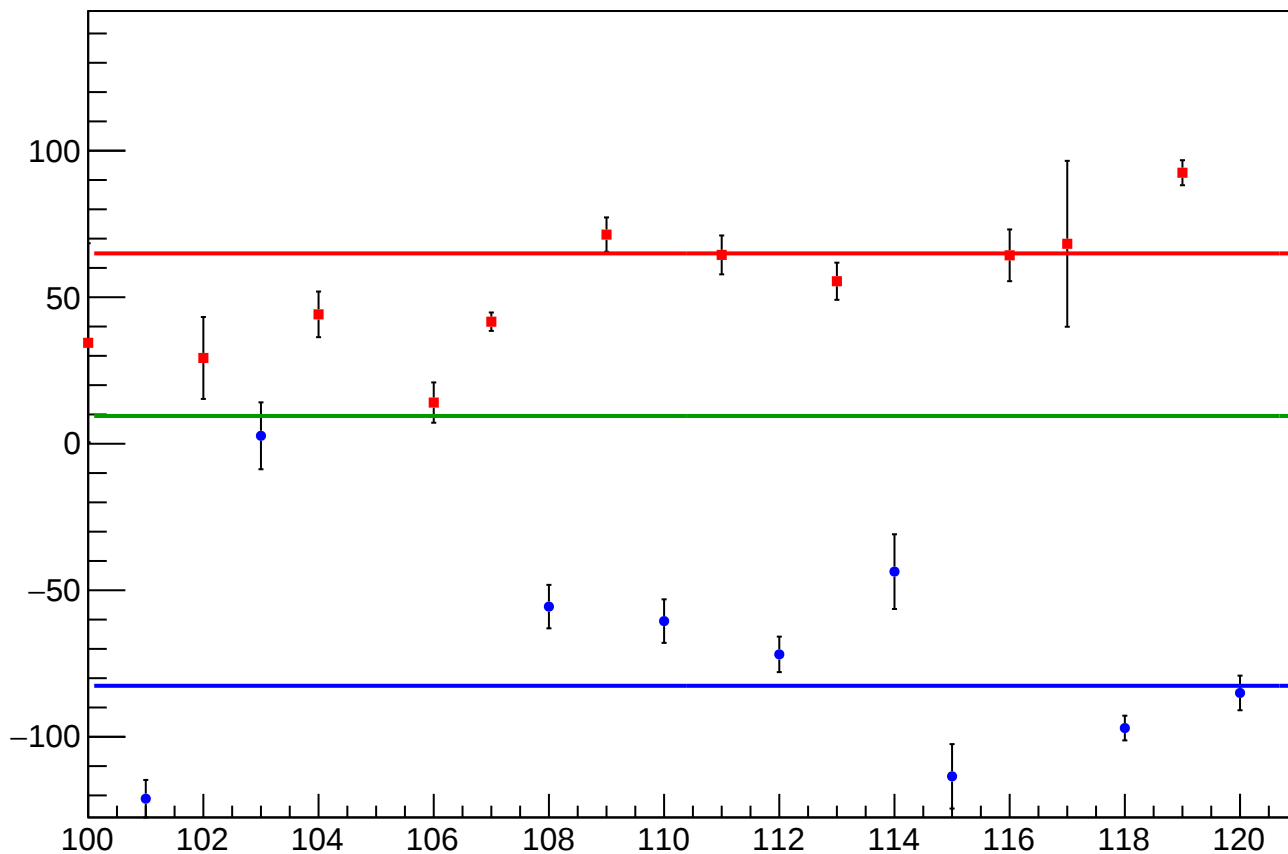
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-311.794+/-3.633 χ^2/NDF : 666.6/8

37.994+/-2.213 χ^2/NDF : 18051.6/20

244.303+/-2.790 χ^2/NDF : 2645.4/11

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -82.593 $\pm$ 2.264 χ^2 /NDF: 146.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 64.955 $\pm$ 1.758 χ^2 /NDF: 366.6/11

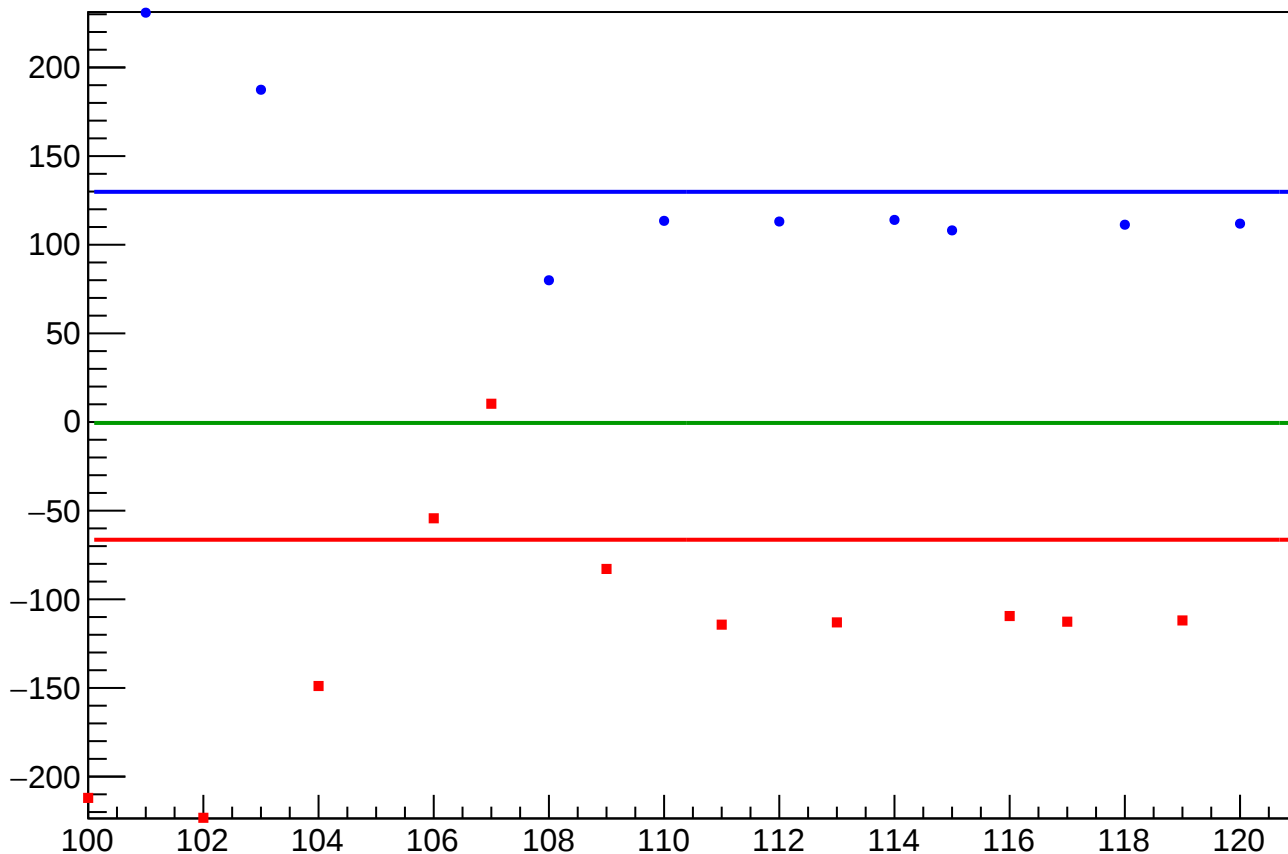
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-82.593 $\pm$ 2.264 χ^2 /NDF: 146.4/8

9.481 $\pm$ 1.388 χ^2 /NDF: 3162.3/20

64.955 $\pm$ 1.758 χ^2 /NDF: 366.6/11

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 129.848 ± 0.125 χ^2/NDF : 170462.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -66.397 ± 0.089 χ^2/NDF : 634151.5/11

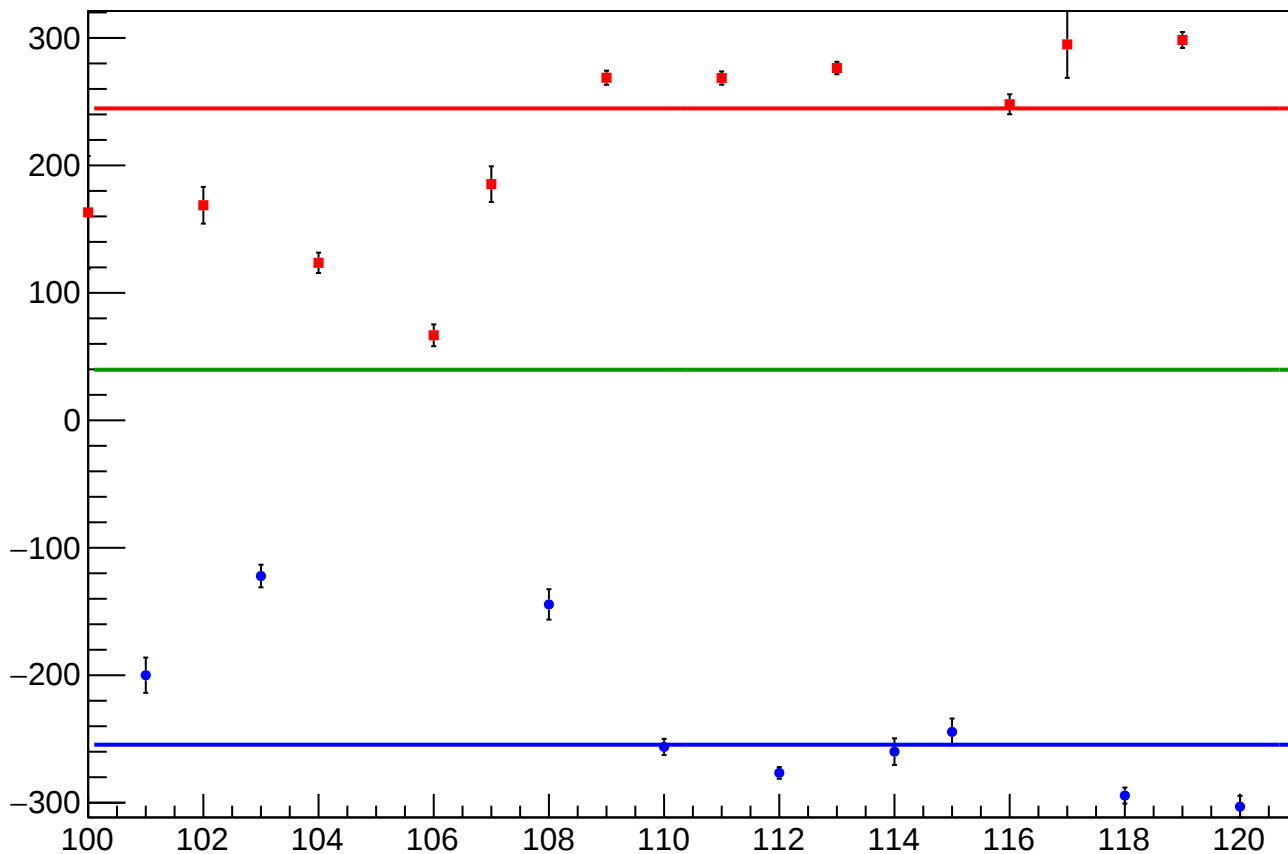
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

129.848 ± 0.125 χ^2/NDF : 170462.6/8

-0.517 ± 0.072 χ^2/NDF : 2444753.5/20

-66.397 ± 0.089 χ^2/NDF : 634151.5/11

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -254.488 ± 2.547 χ^2/NDF : 419.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 244.718 ± 2.126 χ^2/NDF : 882.0/11

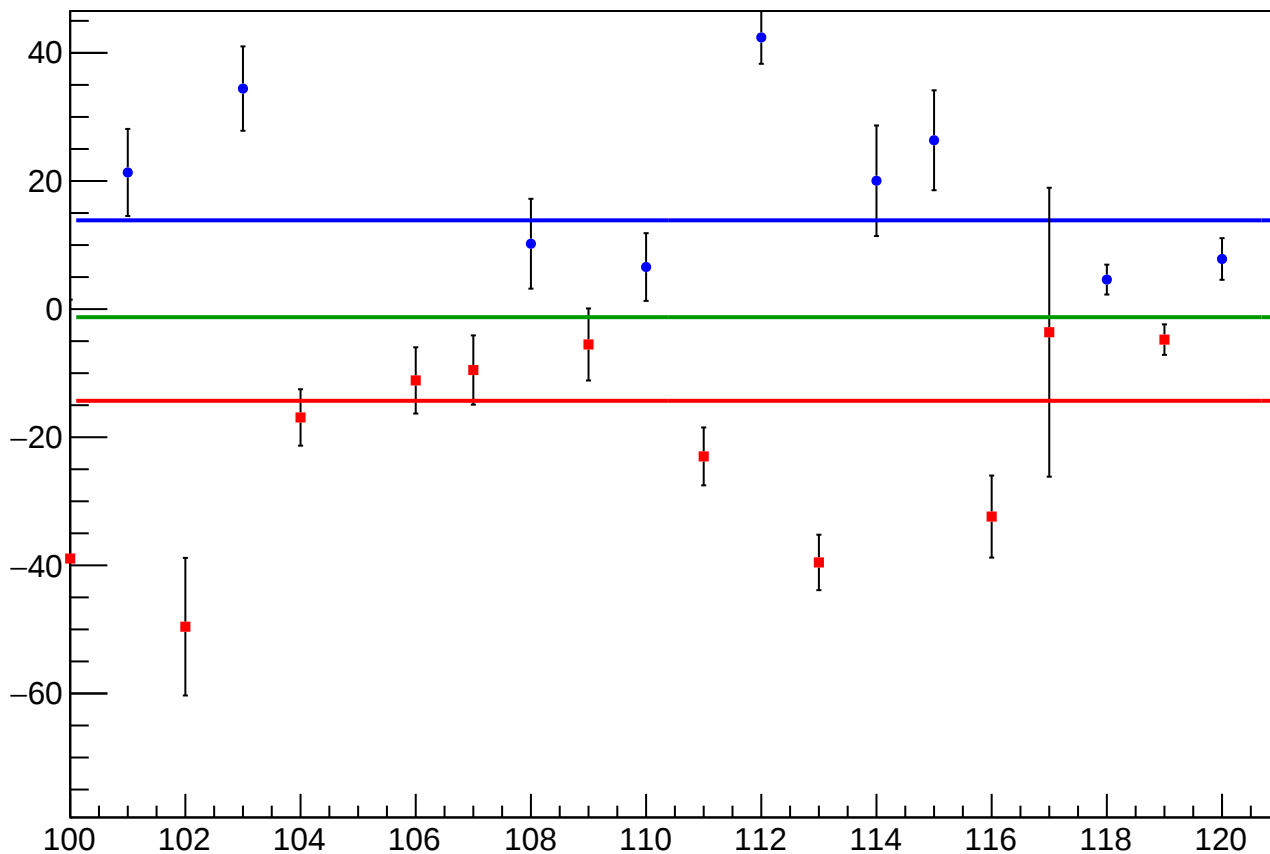
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-254.488 ± 2.547 χ^2/NDF : 419.5/8

39.698 ± 1.632 χ^2/NDF : 23938.1/20

244.718 ± 2.126 χ^2/NDF : 882.0/11

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.860+/-1.462 χ^2/NDF : 83.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.314+/-1.358 χ^2/NDF : 79.3/11

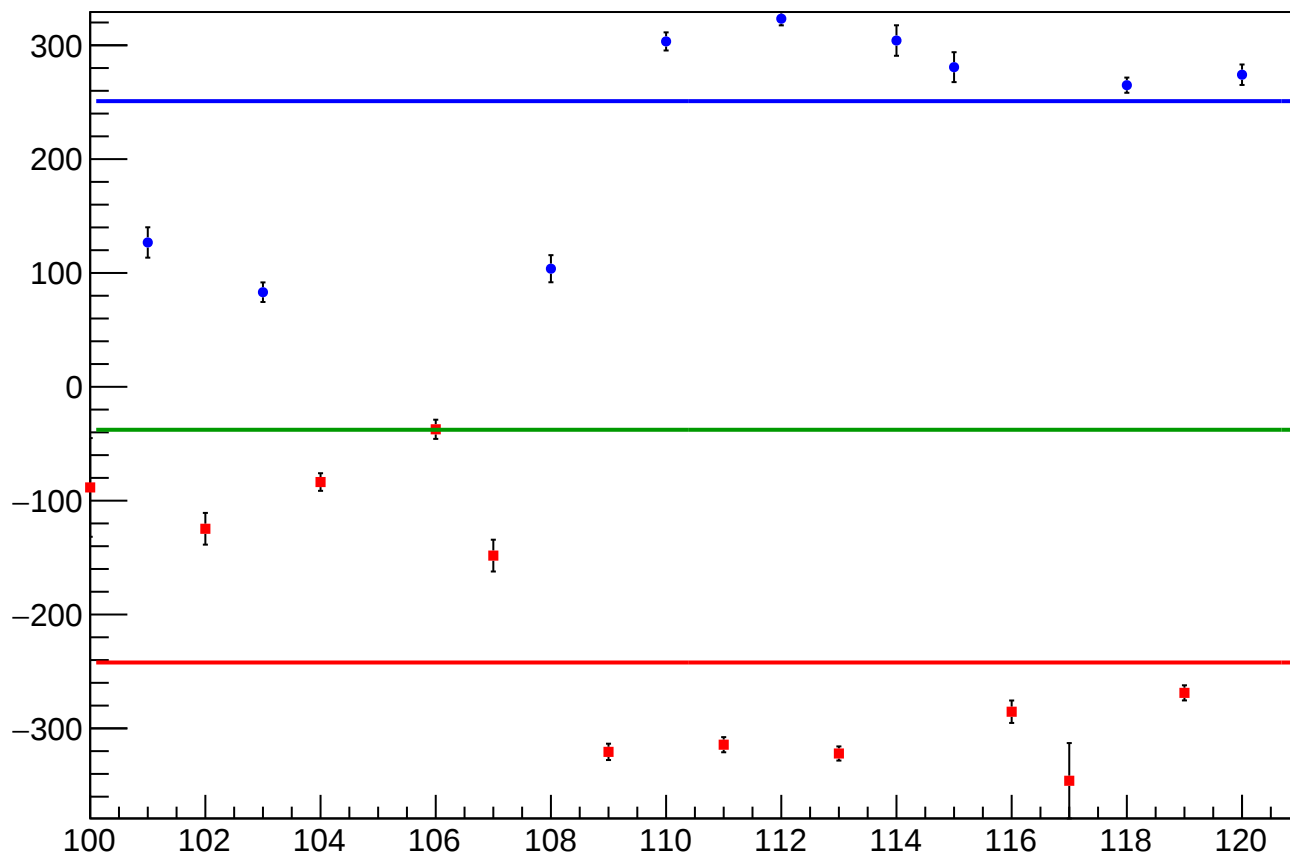
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13.860+/-1.462 χ^2/NDF : 83.4/8

-1.258+/-0.995 χ^2/NDF : 362.1/20

-14.314+/-1.358 χ^2/NDF : 79.3/11

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 250.925 ± 2.921 χ^2/NDF : 848.3/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -242.146 ± 2.458 χ^2/NDF : 1592.7/11

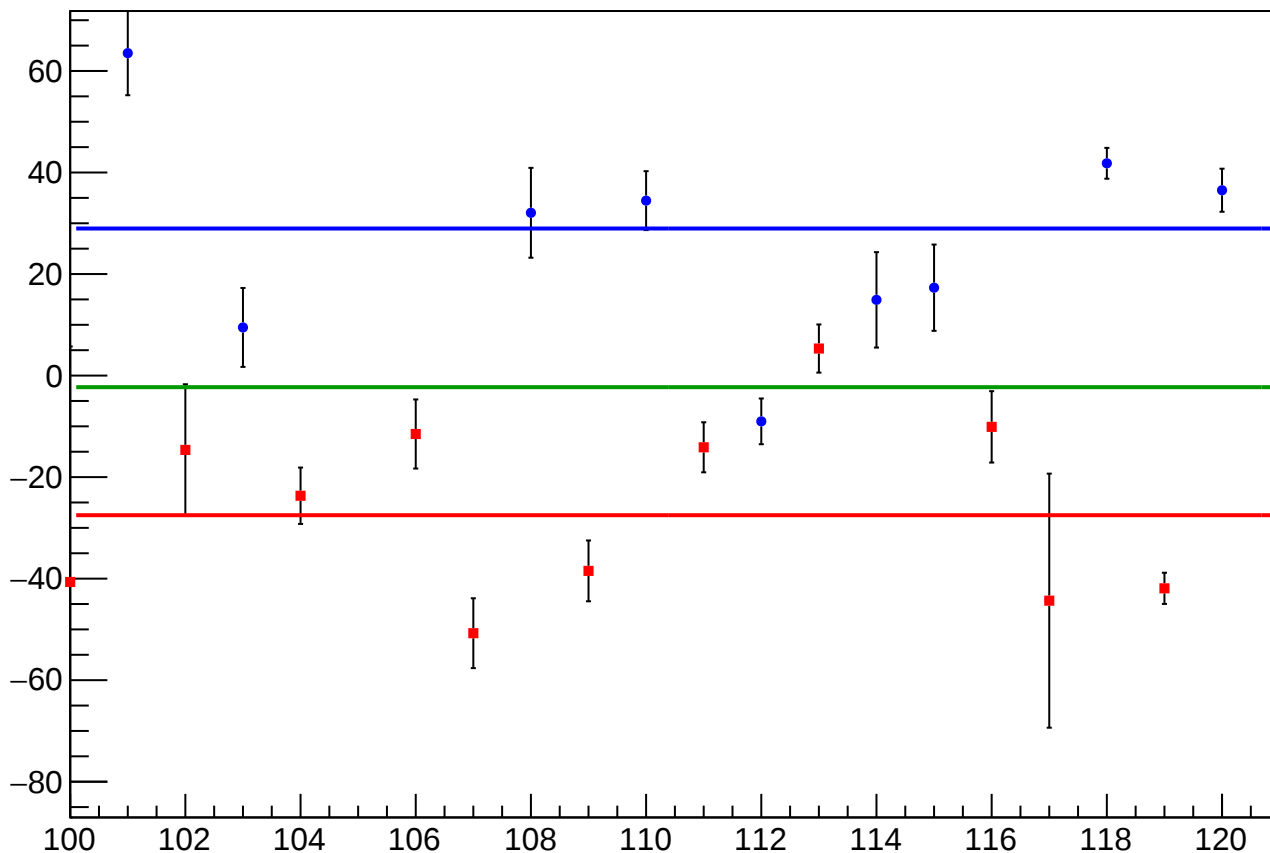
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

250.925 ± 2.921 χ^2/NDF : 848.3/8

-37.732 ± 1.881 χ^2/NDF : 19126.0/20

-242.146 ± 2.458 χ^2/NDF : 1592.7/11

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.969+/-1.790 χ^2/NDF : 121.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -27.503+/-1.608 χ^2/NDF : 110.5/11

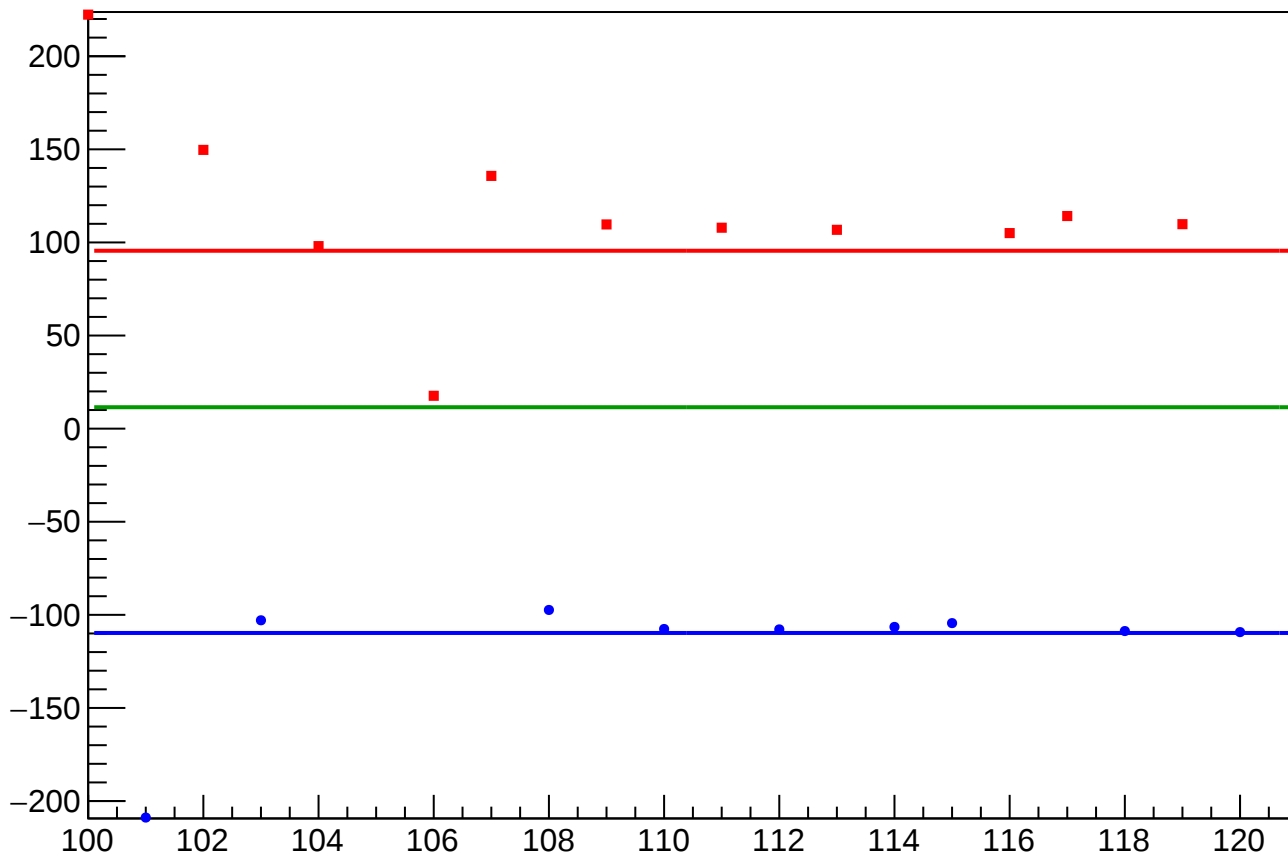
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

28.969+/-1.790 χ^2/NDF : 121.0/8

-2.284+/-1.196 χ^2/NDF : 782.1/20

-27.503+/-1.608 χ^2/NDF : 110.5/11

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -109.729+/-0.105 χ^2/NDF : 46186.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.538+/-0.088 χ^2/NDF : 201710.9/11

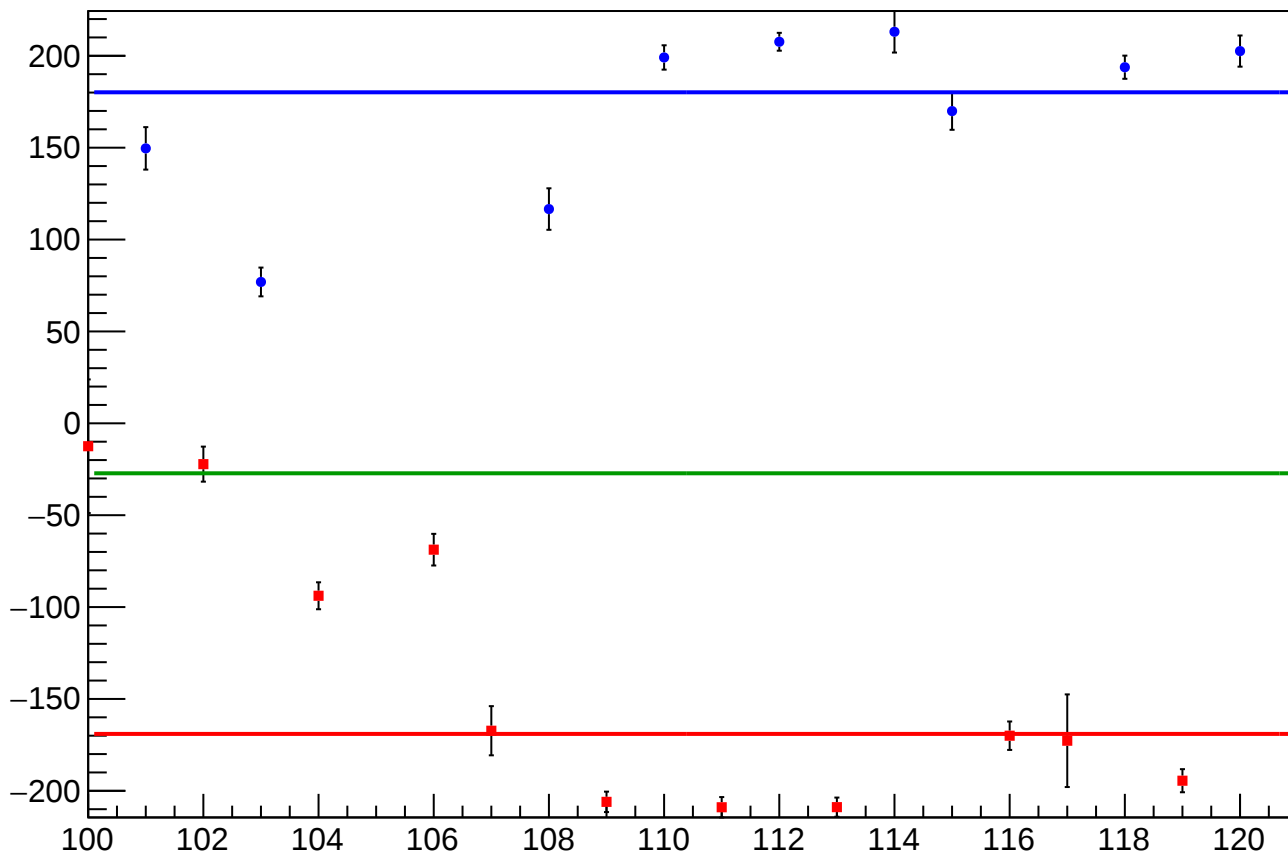
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-109.729+/-0.105 χ^2/NDF : 46186.6/8

11.501+/-0.067 χ^2/NDF : 2500235.0/20

95.538+/-0.088 χ^2/NDF : 201710.9/11

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 180.141 ± 2.554 χ^2/NDF : 273.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -169.031 ± 2.112 χ^2/NDF : 667.7/11

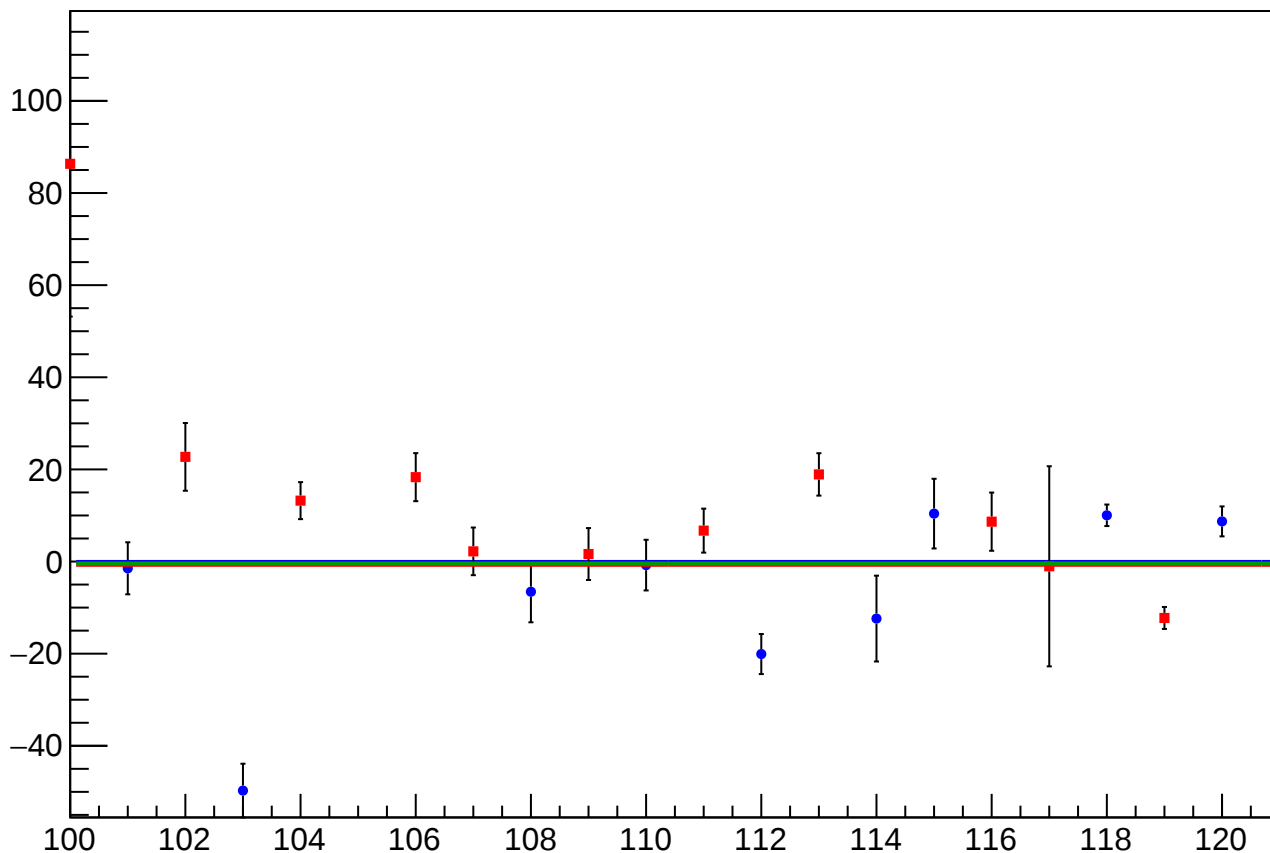
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

180.141 ± 2.554 χ^2/NDF : 273.9/8

-27.197 ± 1.628 χ^2/NDF : 12039.9/20

-169.031 ± 2.112 χ^2/NDF : 667.7/11

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.088+/-1.449 χ^2/NDF : 124.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.709+/-1.339 χ^2/NDF : 127.7/11

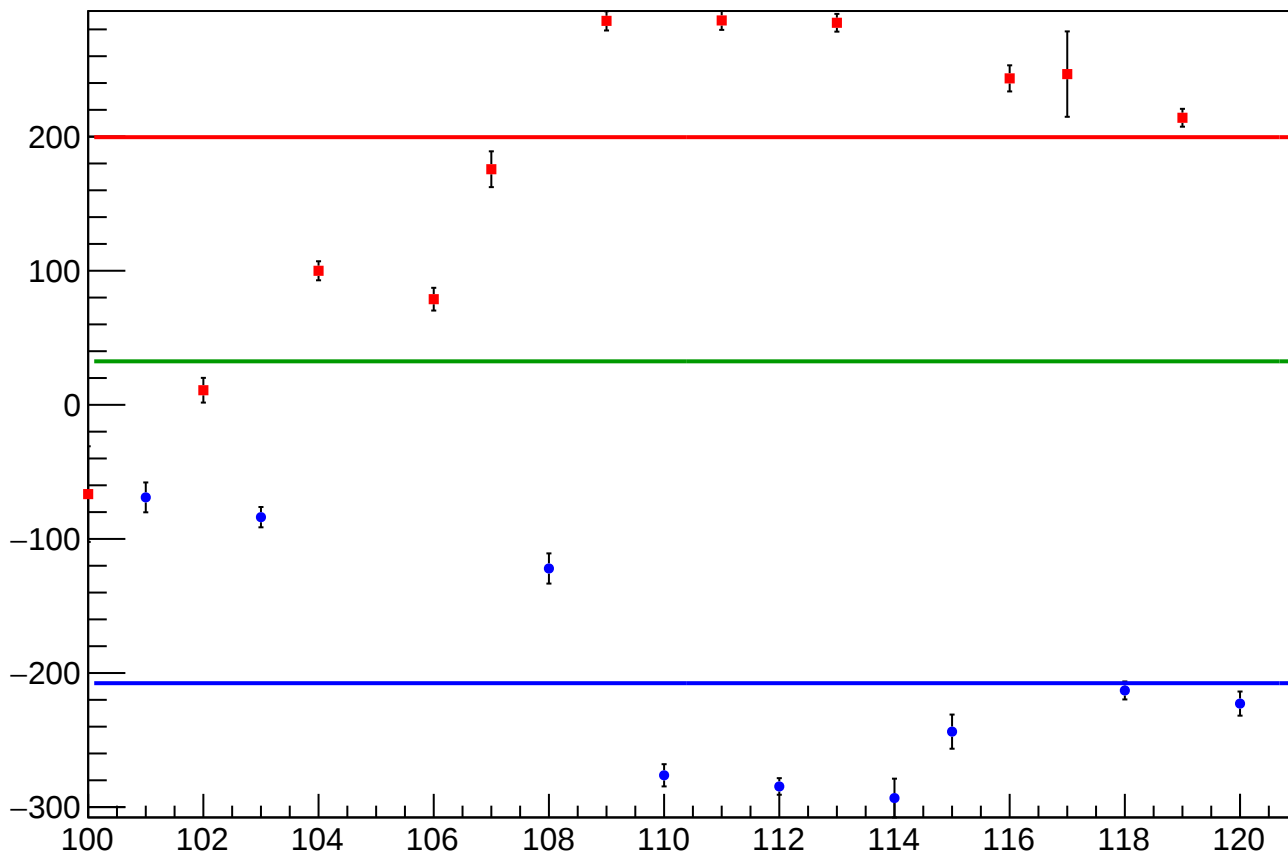
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.088+/-1.449 χ^2/NDF : 124.4/8

-0.423+/-0.983 χ^2/NDF : 252.2/20

-0.709+/-1.339 χ^2/NDF : 127.7/11

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -207.585+/-2.890 χ^2/NDF : 750.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.620+/-2.412 χ^2/NDF : 1370.5/11

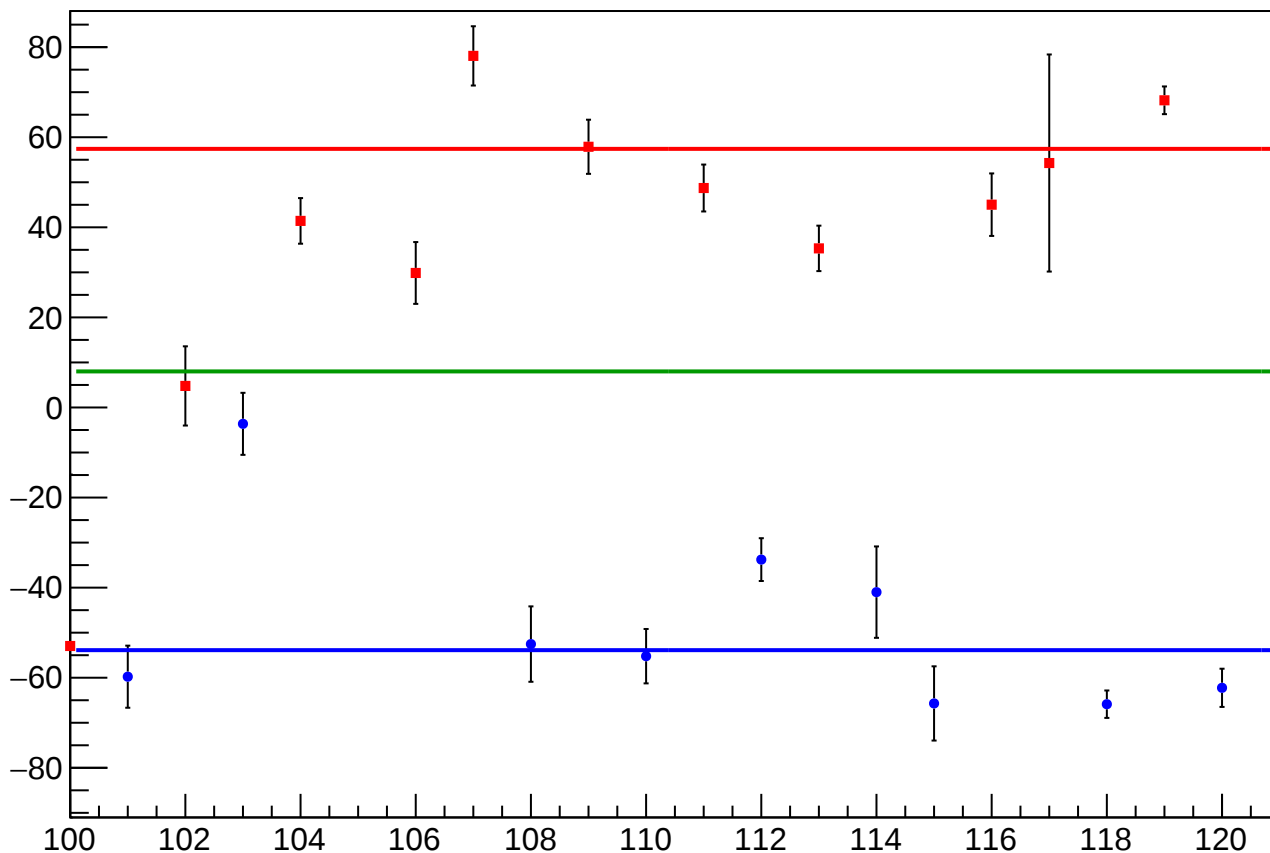
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-207.585+/-2.890 χ^2/NDF : 750.4/8

32.448+/-1.852 χ^2/NDF : 13821.1/20

199.620+/-2.412 χ^2/NDF : 1370.5/11

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -53.880 $\pm$ 1.779 χ^2 /NDF: 95.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 57.418 $\pm$ 1.589 χ^2 /NDF: 165.4/11

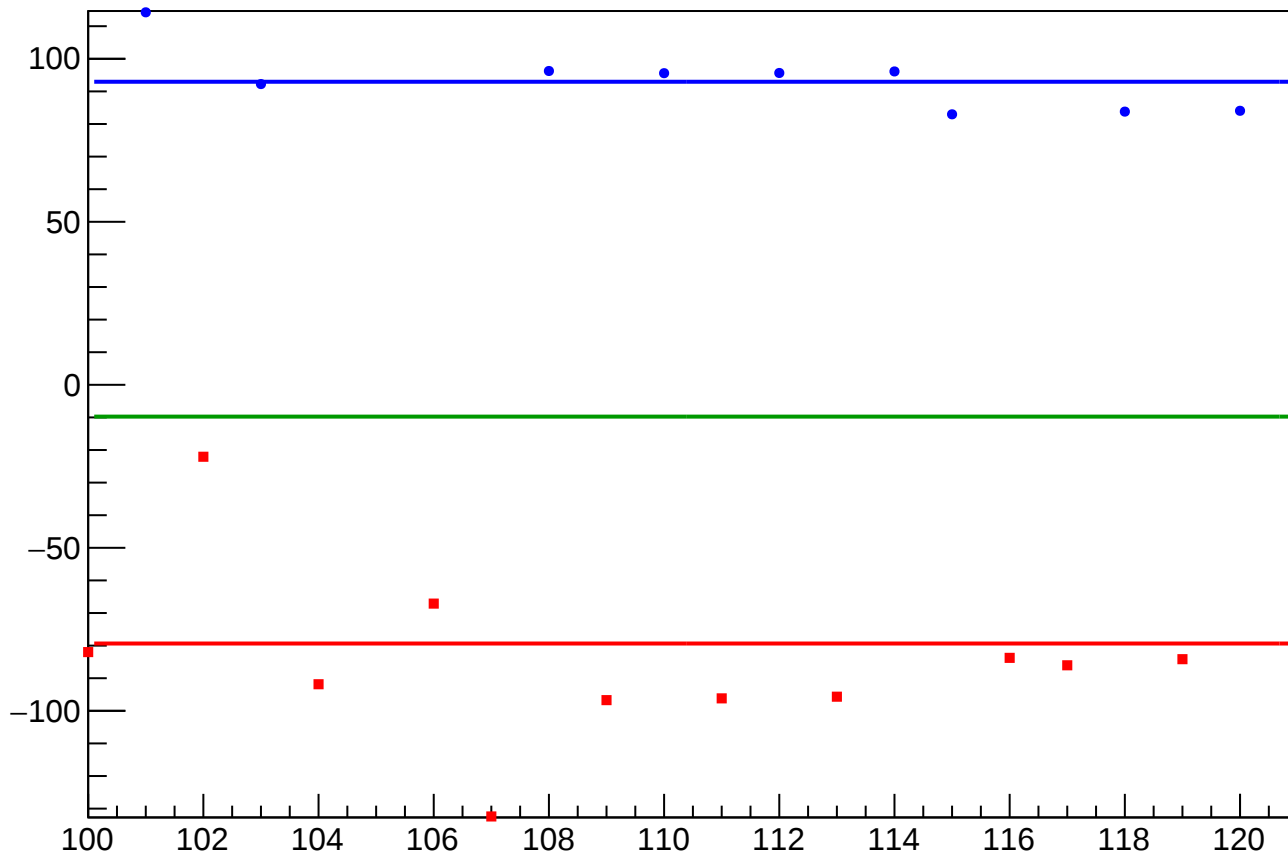
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-53.880 $\pm$ 1.779 χ^2 /NDF: 95.1/8

8.005 $\pm$ 1.185 χ^2 /NDF: 2437.8/20

57.418 $\pm$ 1.589 χ^2 /NDF: 165.4/11

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 92.959+/-0.100 χ^2/NDF : 5155.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -79.355+/-0.082 χ^2/NDF : 119748.7/11

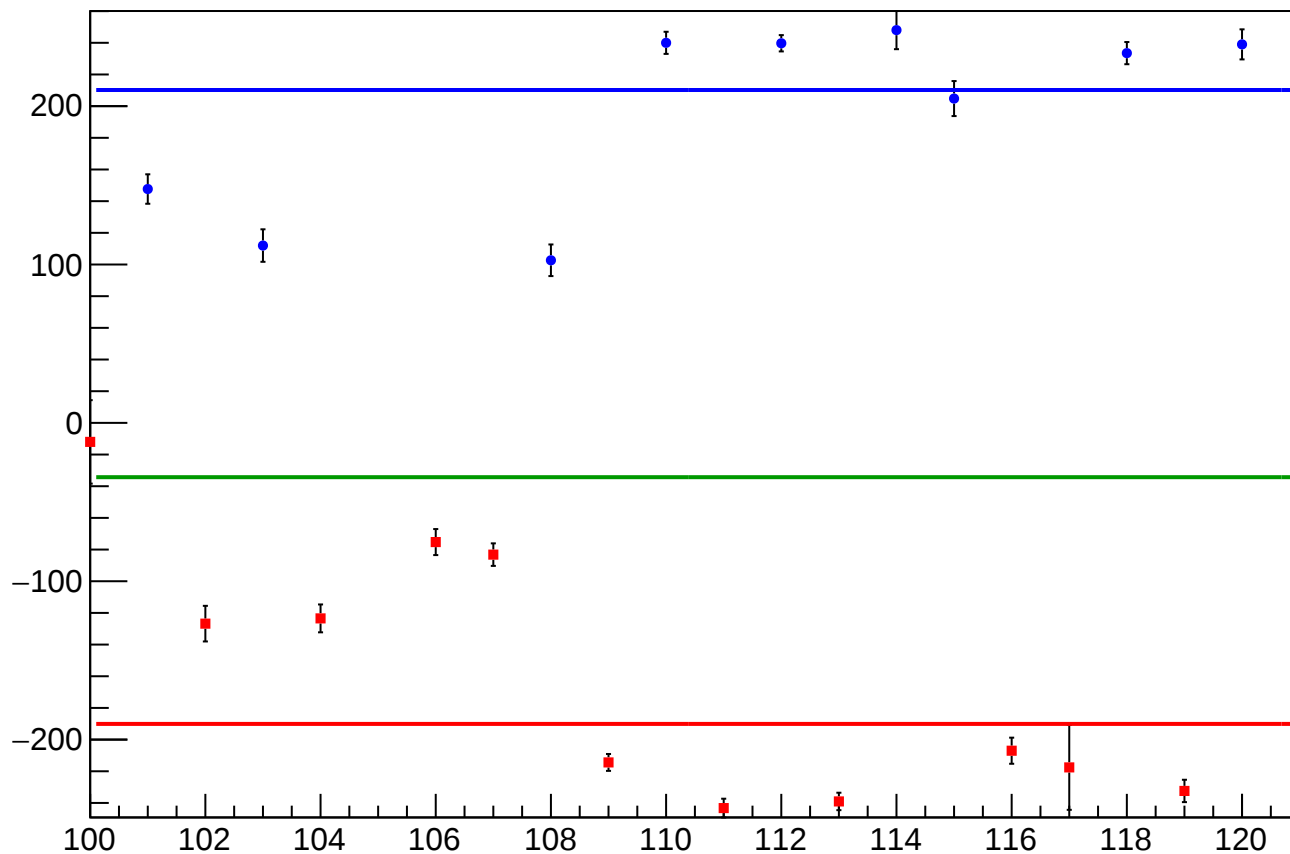
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

92.959+/-0.100 χ^2/NDF : 5155.2/8

-9.755+/-0.064 χ^2/NDF : 1889686.8/20

-79.355+/-0.082 χ^2/NDF : 119748.7/11

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 210.197 $\pm$ 2.713 χ^2 /NDF: 334.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -190.096 $\pm$ 2.166 χ^2 /NDF: 781.3/11

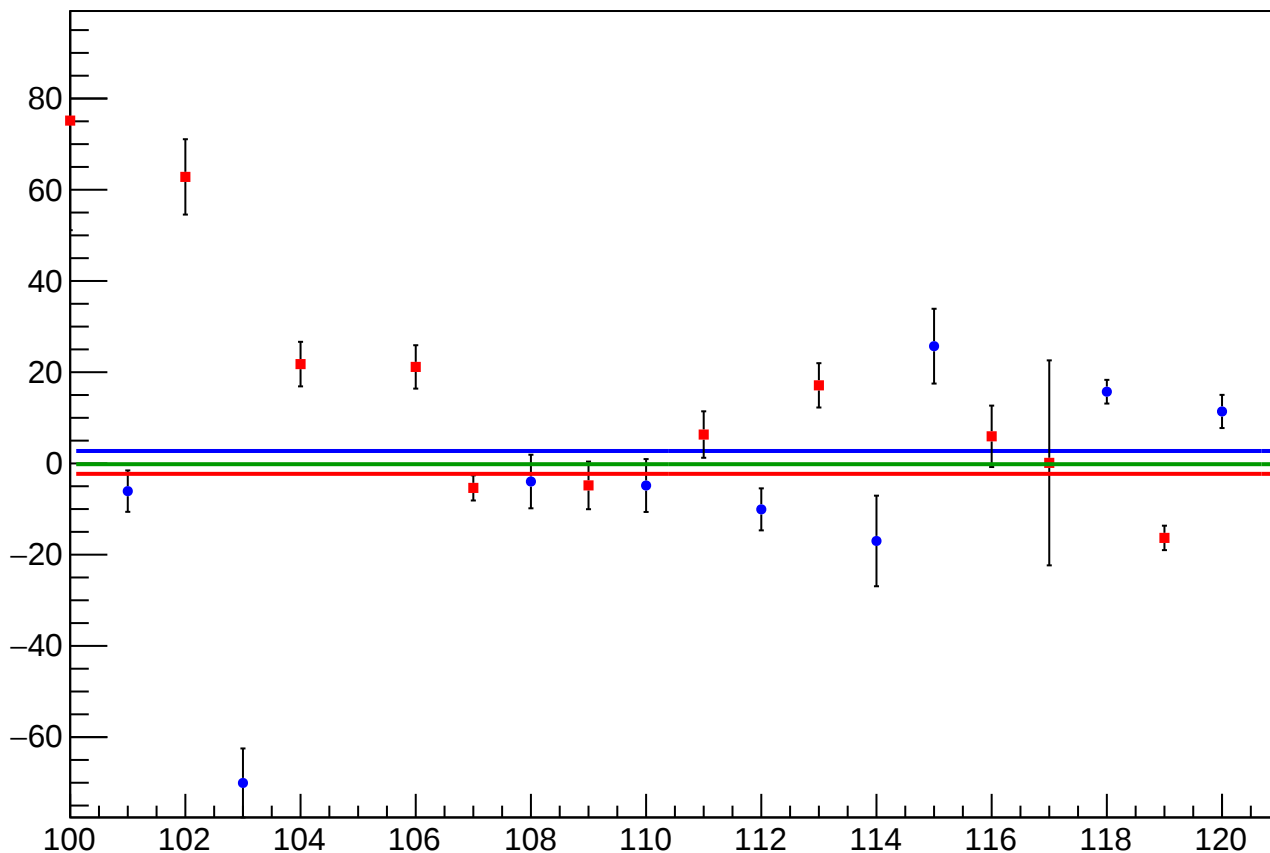
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

210.197 $\pm$ 2.713 χ^2 /NDF: 334.3/8

-34.295 $\pm$ 1.692 χ^2 /NDF: 14414.1/20

-190.096 $\pm$ 2.166 χ^2 /NDF: 781.3/11

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.730 ± 1.542 χ^2/NDF : 149.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.283 ± 1.318 χ^2/NDF : 237.8/11

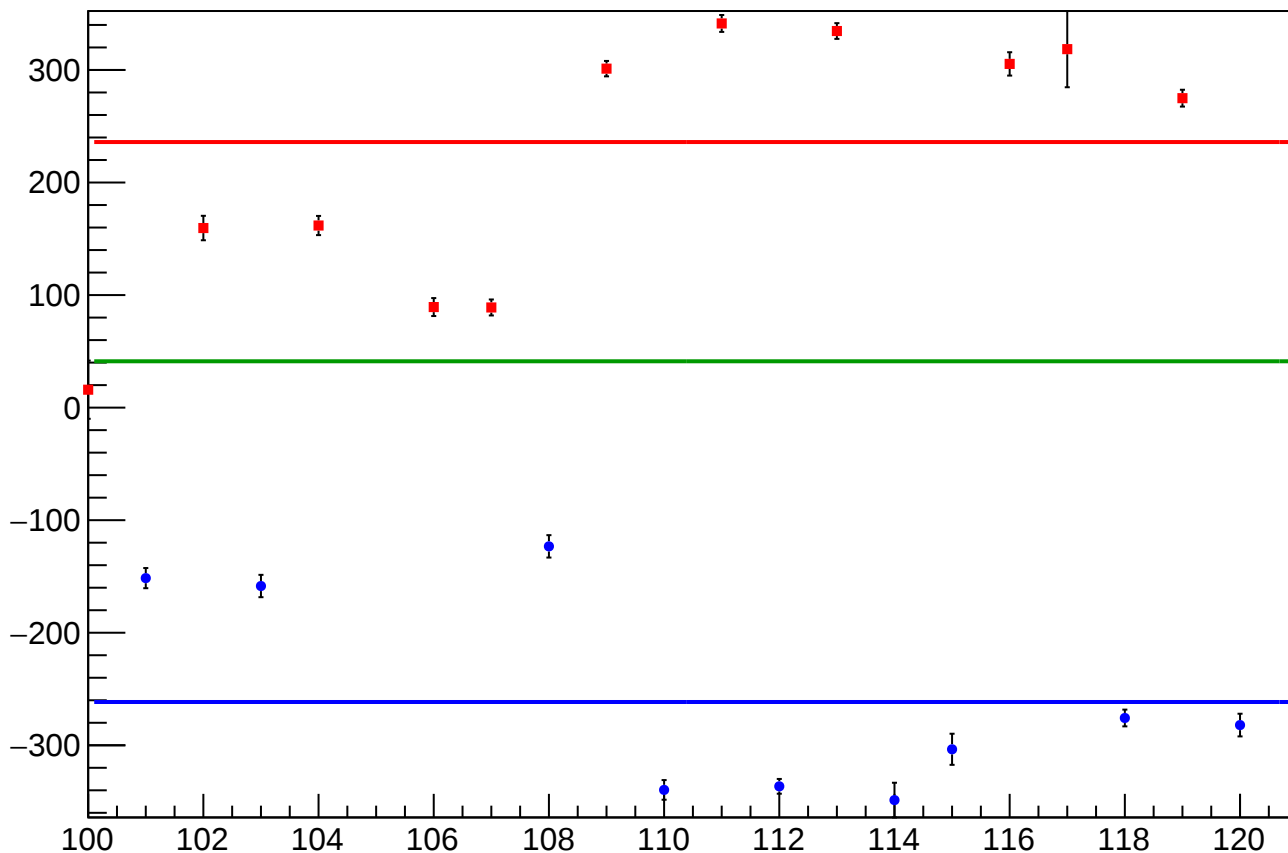
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

2.730 ± 1.542 χ^2/NDF : 149.6/8

-0.166 ± 1.002 χ^2/NDF : 393.5/20

-2.283 ± 1.318 χ^2/NDF : 237.8/11

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -261.537 $\pm$ 3.065 χ^2 /NDF: 711.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 235.964 $\pm$ 2.458 χ^2 /NDF: 1543.0/11

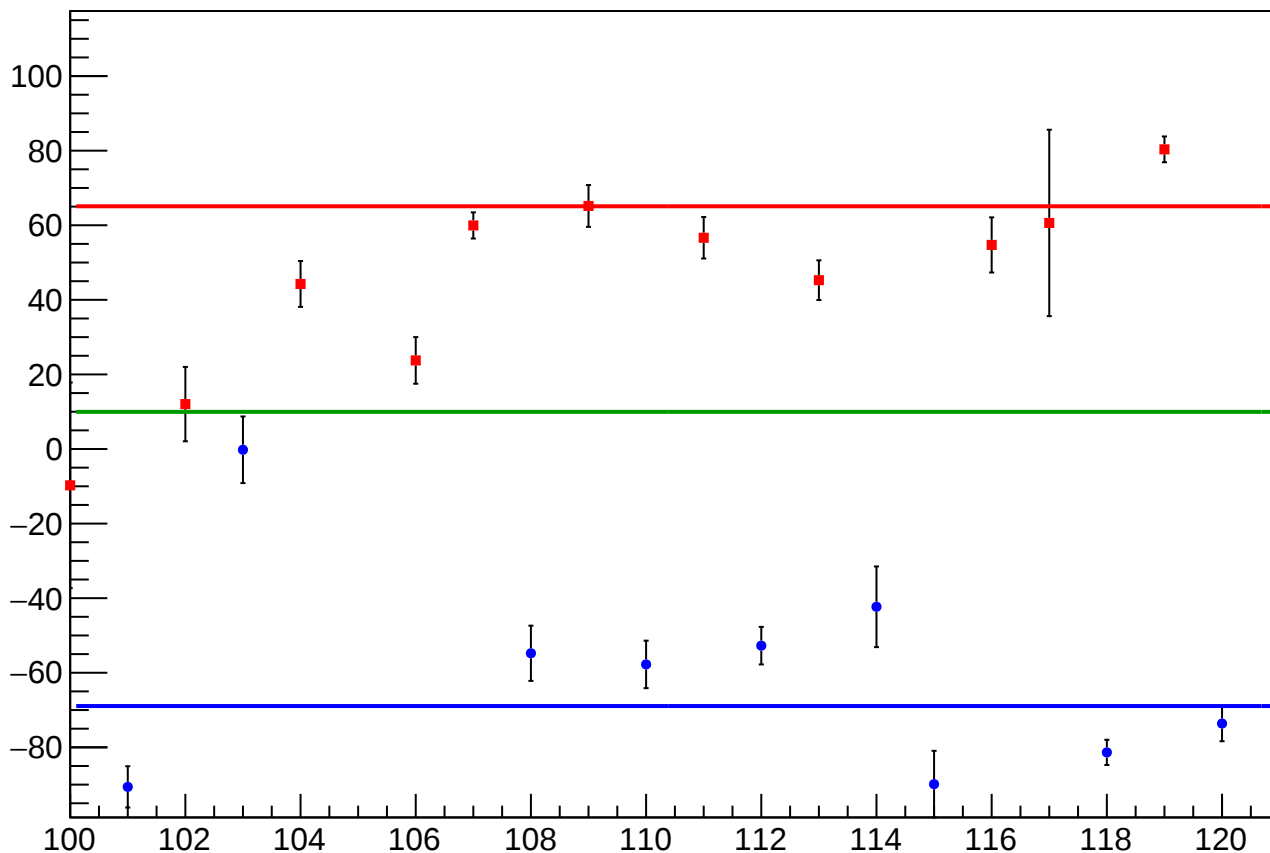
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-261.537 $\pm$ 3.065 χ^2 /NDF: 711.3/8

41.175 $\pm$ 1.918 χ^2 /NDF: 18288.8/20

235.964 $\pm$ 2.458 χ^2 /NDF: 1543.0/11

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -68.925 $\pm$ 1.889 χ^2 /NDF: 117.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 65.089 $\pm$ 1.580 χ^2 /NDF: 252.8/11

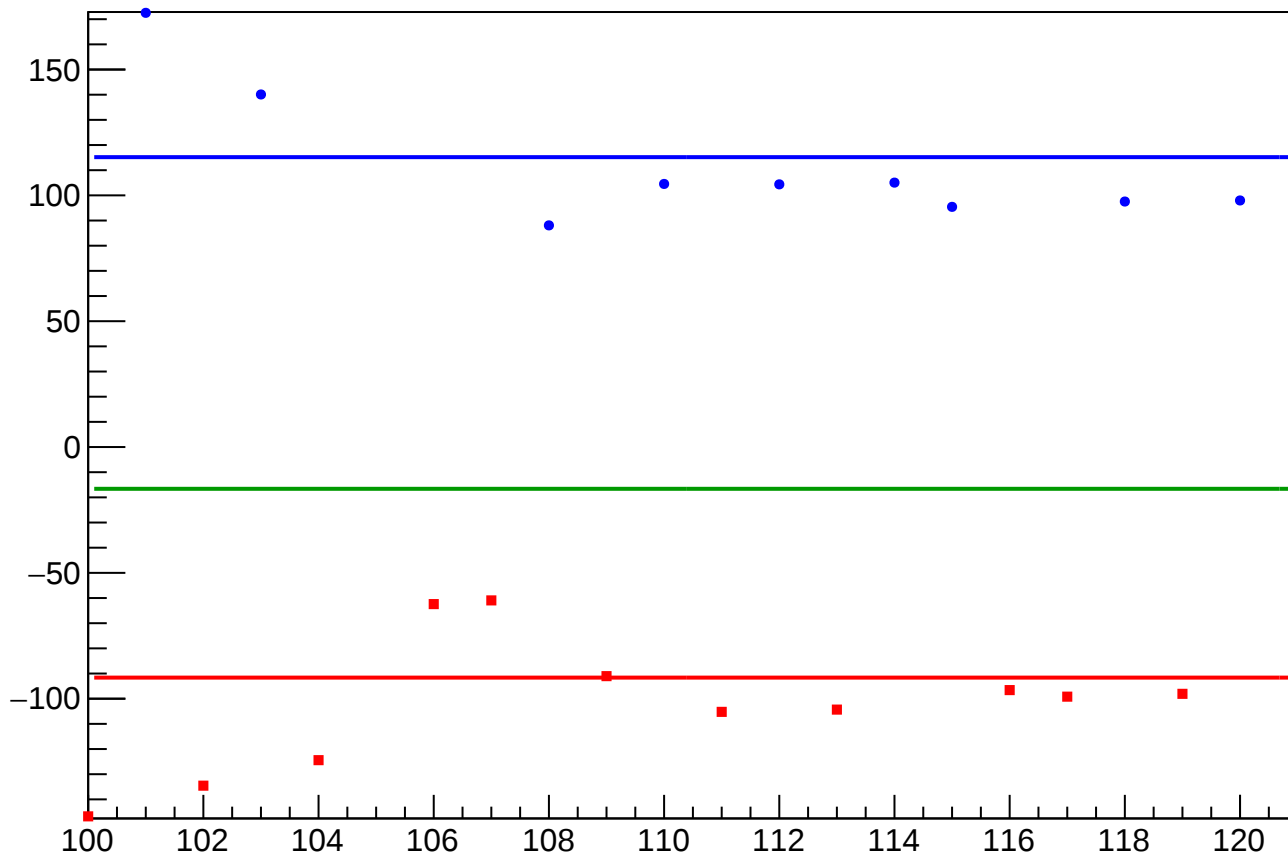
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-68.925 $\pm$ 1.889 χ^2 /NDF: 117.6/8

9.958 $\pm$ 1.212 χ^2 /NDF: 3331.8/20

65.089 $\pm$ 1.580 χ^2 /NDF: 252.8/11

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.185 $\pm$ 0.108 χ^2 /NDF: 66595.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -91.618 $\pm$ 0.081 χ^2 /NDF: 113748.7/11

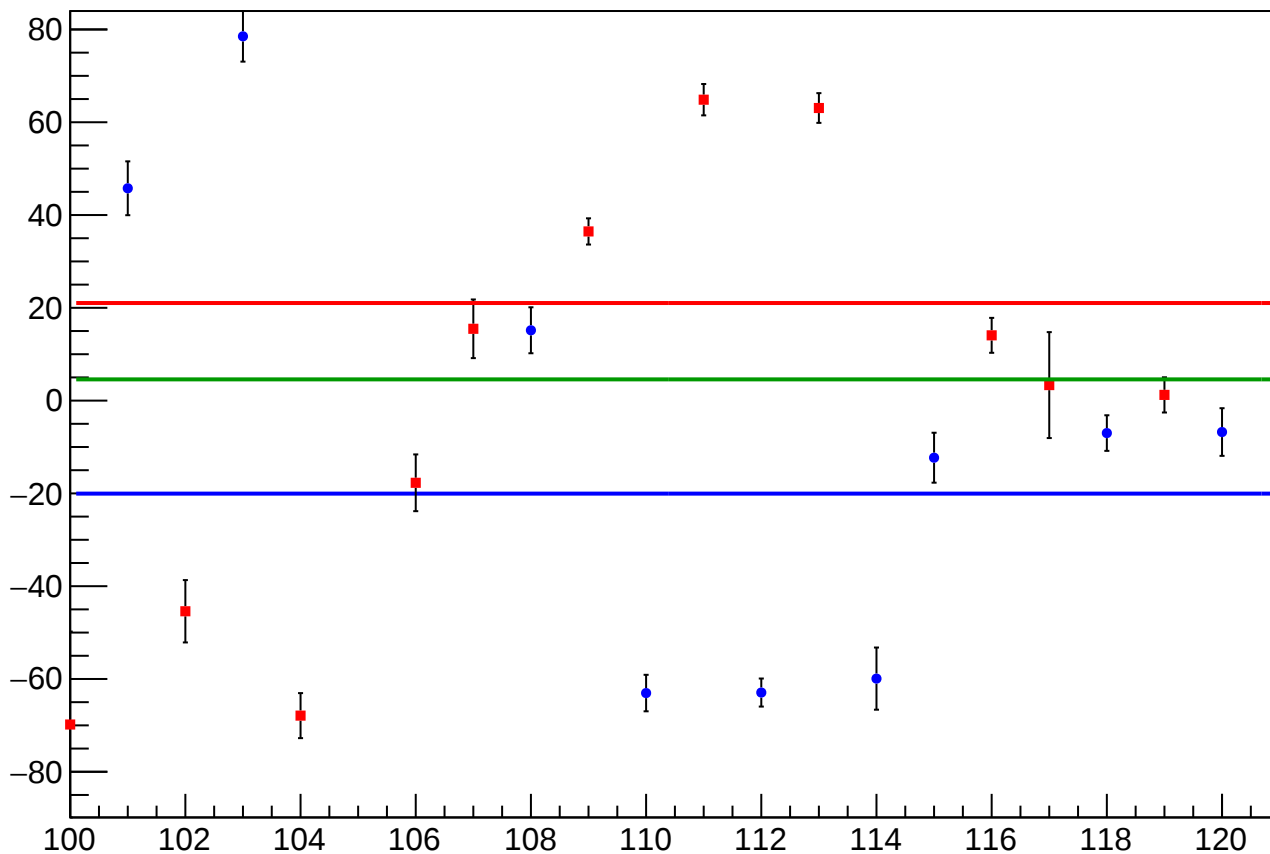
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

115.185 $\pm$ 0.108 χ^2 /NDF: 66595.5/8

-16.599 $\pm$ 0.065 χ^2 /NDF: 2533029.9/20

-91.618 $\pm$ 0.081 χ^2 /NDF: 113748.7/11

reg_asym_atl_dd_atr_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -20.047 $\pm$ 1.506 χ^2 /NDF: 881.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.035 $\pm$ 1.231 χ^2 /NDF: 916.0/11

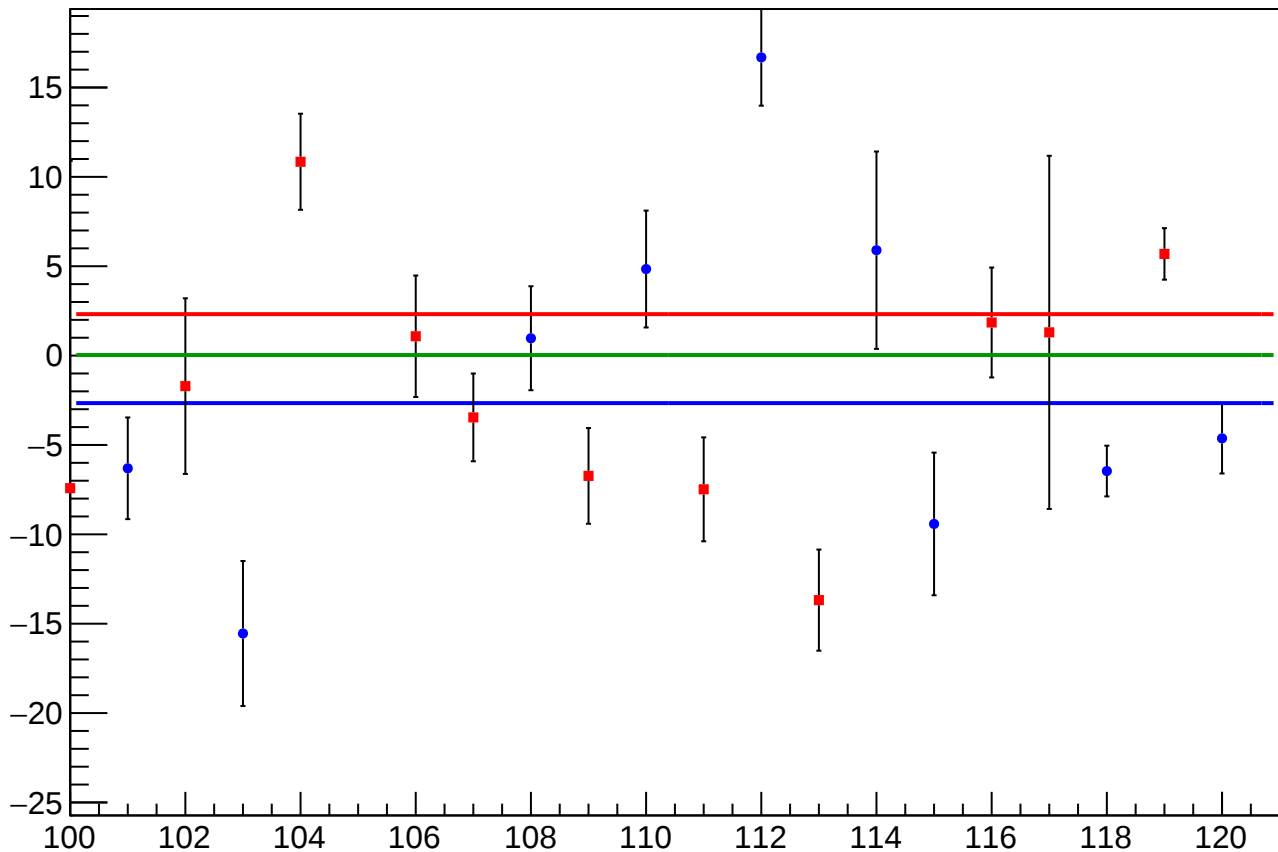
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-20.047 $\pm$ 1.506 χ^2 /NDF: 881.9/8

4.577 $\pm$ 0.953 χ^2 /NDF: 2243.7/20

21.035 $\pm$ 1.231 χ^2 /NDF: 916.0/11

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.658+/-0.850 χ^2/NDF : 83.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.319+/-0.784 χ^2/NDF : 117.6/11

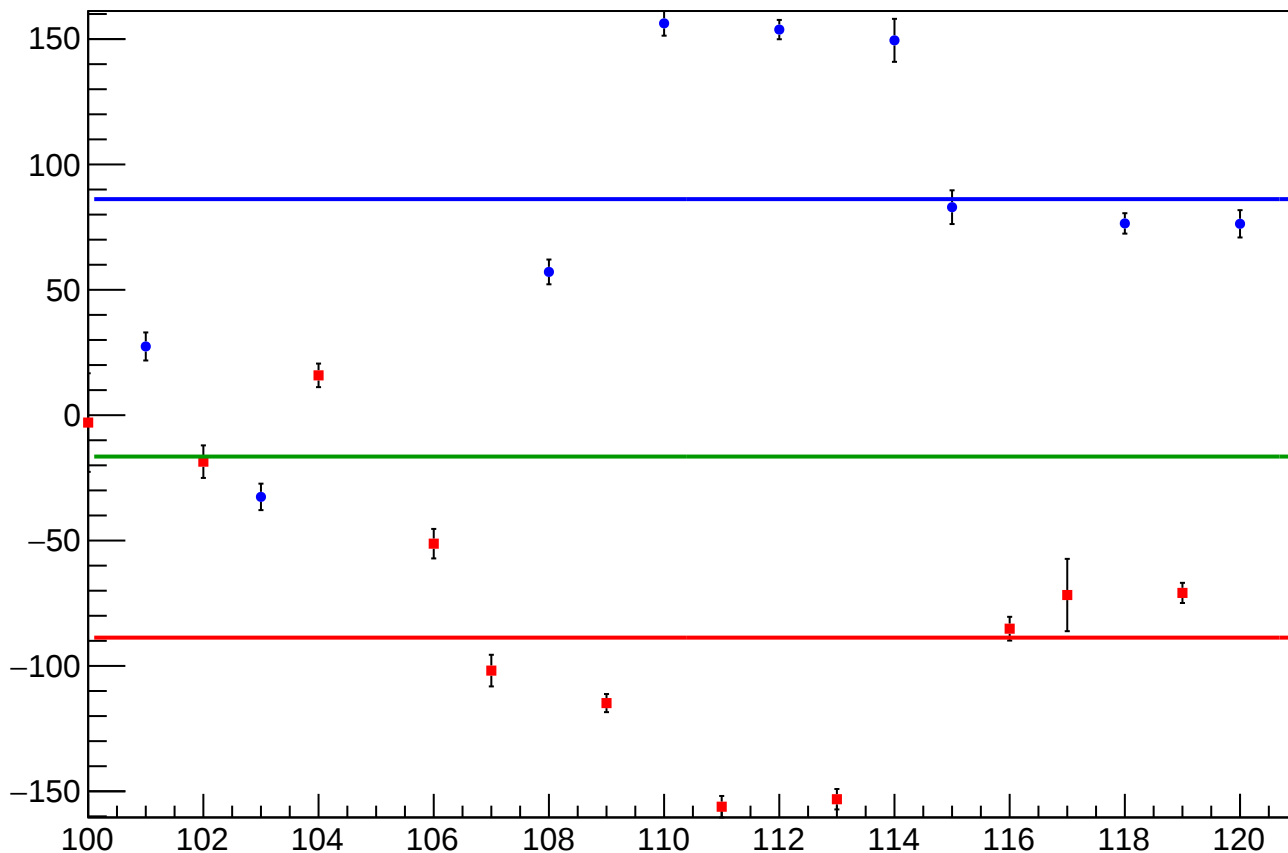
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.658+/-0.850 χ^2/NDF : 83.2/8

0.032+/-0.576 χ^2/NDF : 219.3/20

2.319+/-0.784 χ^2/NDF : 117.6/11

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 86.169 ± 1.697 χ^2/NDF : 1226.8/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -88.715 ± 1.423 χ^2/NDF : 1259.3/11

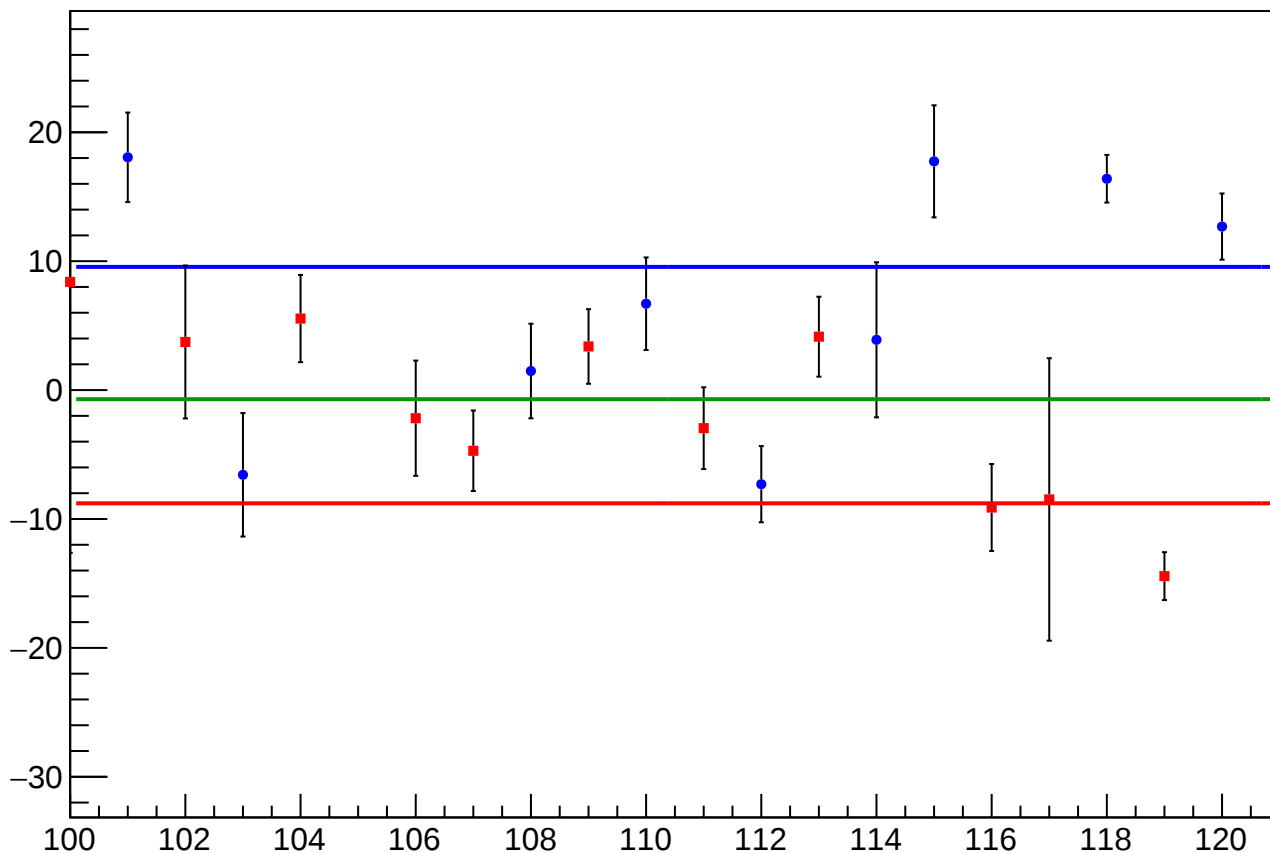
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

86.169 ± 1.697 χ^2/NDF : 1226.8/8

-16.495 ± 1.090 χ^2/NDF : 8723.3/20

-88.715 ± 1.423 χ^2/NDF : 1259.3/11

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.557+/-1.044 χ^2/NDF : 74.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.784+/-0.926 χ^2/NDF : 165.2/11

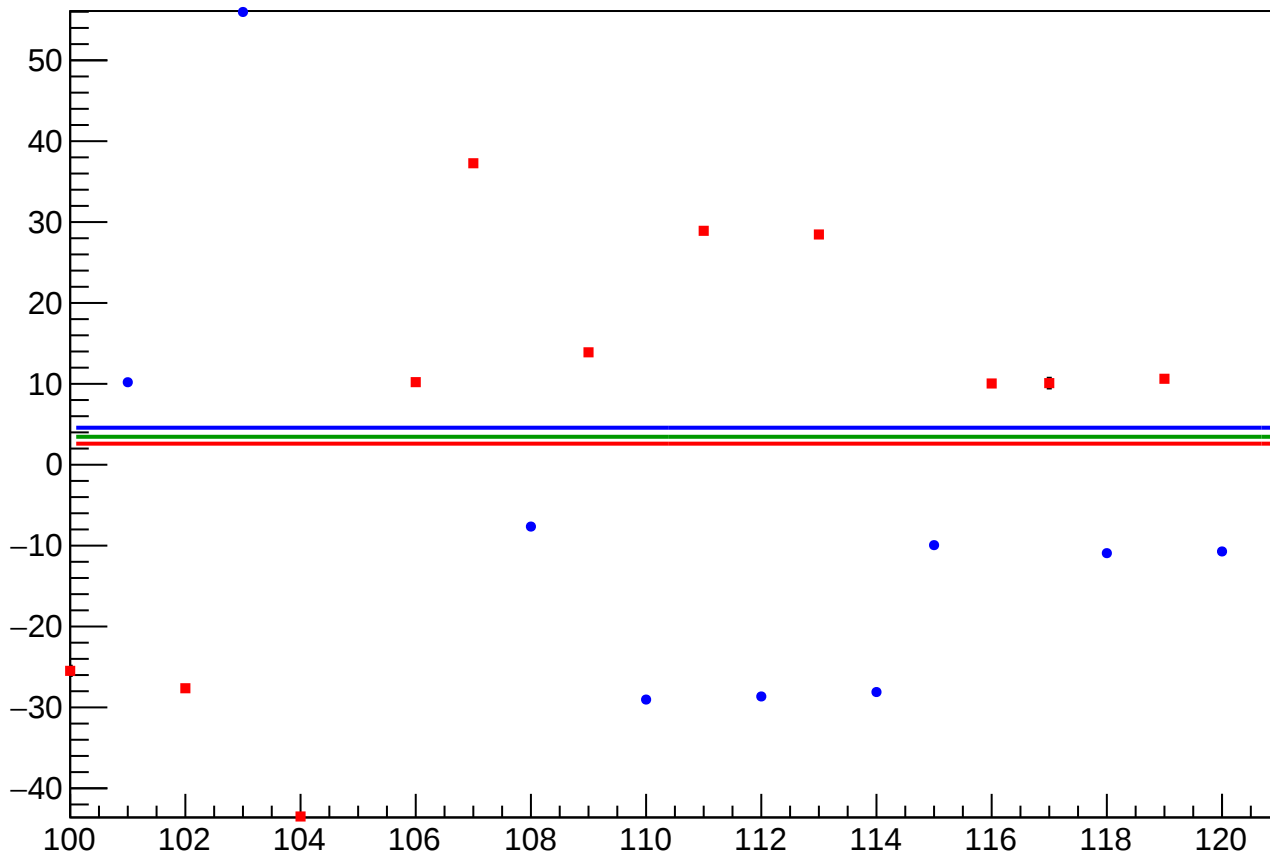
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.557+/-1.044 χ^2/NDF : 74.9/8

-0.705+/-0.693 χ^2/NDF : 412.8/20

-8.784+/-0.926 χ^2/NDF : 165.2/11

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 4.578 ± 0.058 χ^2/NDF : 277316.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.605 ± 0.051 χ^2/NDF : 298293.8/11

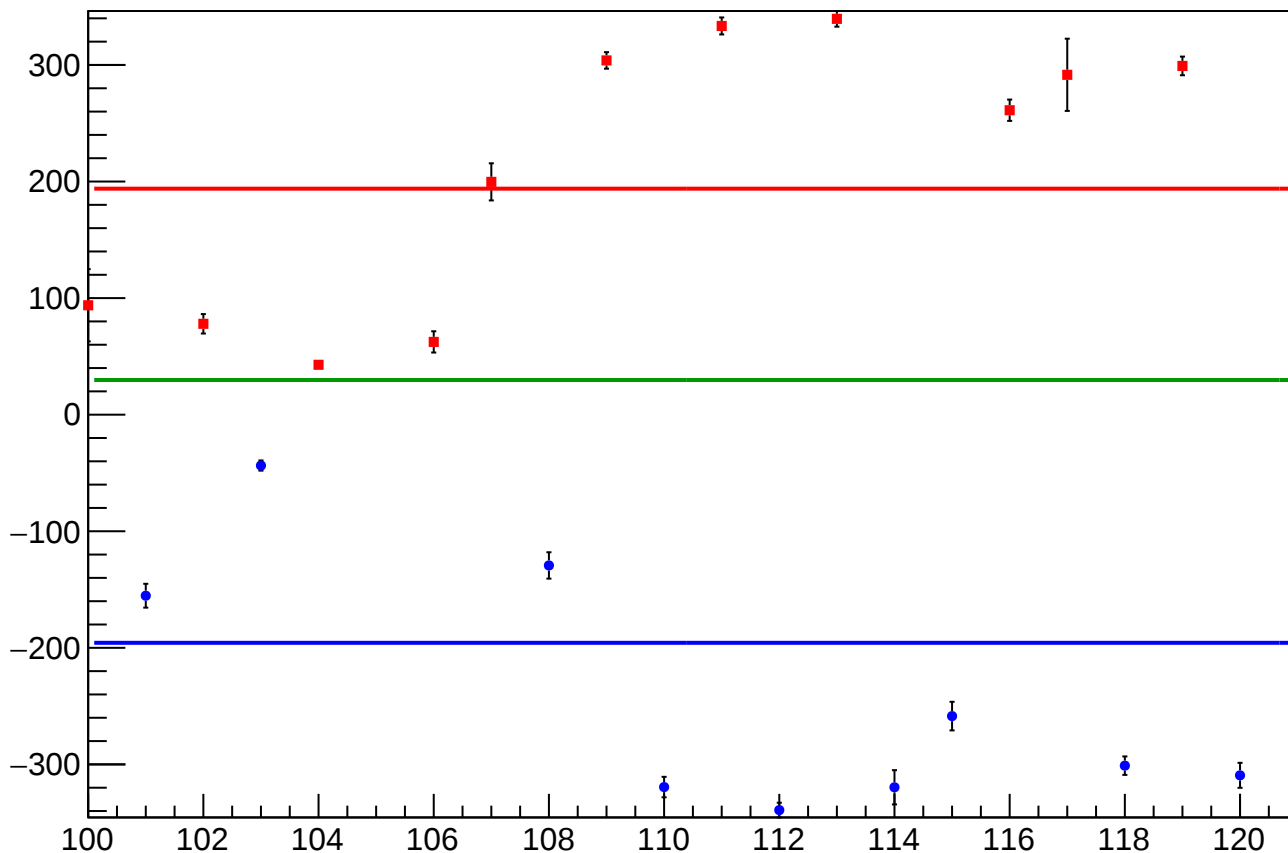
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

4.578 ± 0.058 χ^2/NDF : 277316.1/8

3.456 ± 0.038 χ^2/NDF : 576265.1/20

2.605 ± 0.051 χ^2/NDF : 298293.8/11

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -195.695+/-2.638 χ^2 /NDF: 2362.0/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 193.887+/-2.251 χ^2 /NDF: 3152.7/11

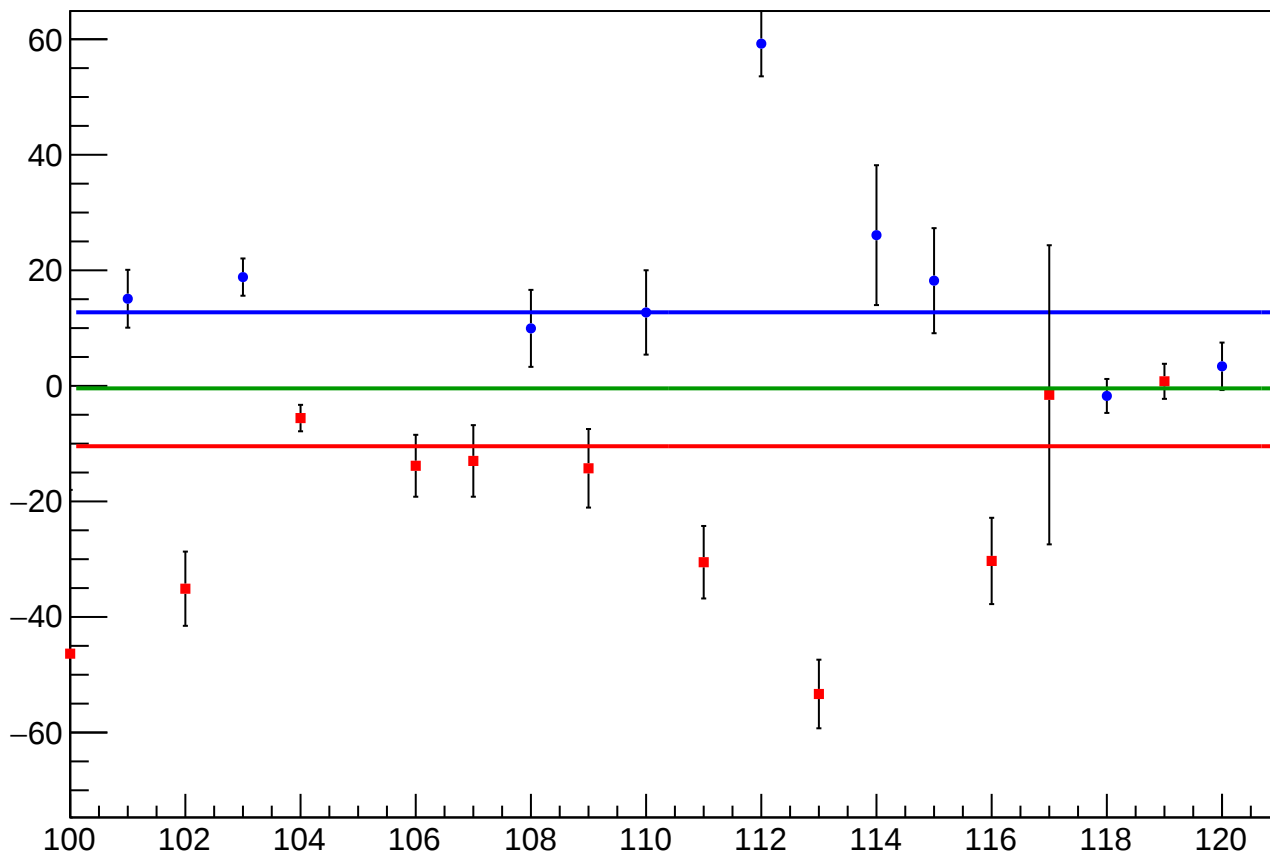
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-195.695+/-2.638 χ^2 /NDF: 2362.0/8

29.751+/-1.712 χ^2 /NDF: 18133.3/20

193.887+/-2.251 χ^2 /NDF: 3152.7/11

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.734+/-1.576 χ^2/NDF : 102.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.448+/-1.375 χ^2/NDF : 119.2/11

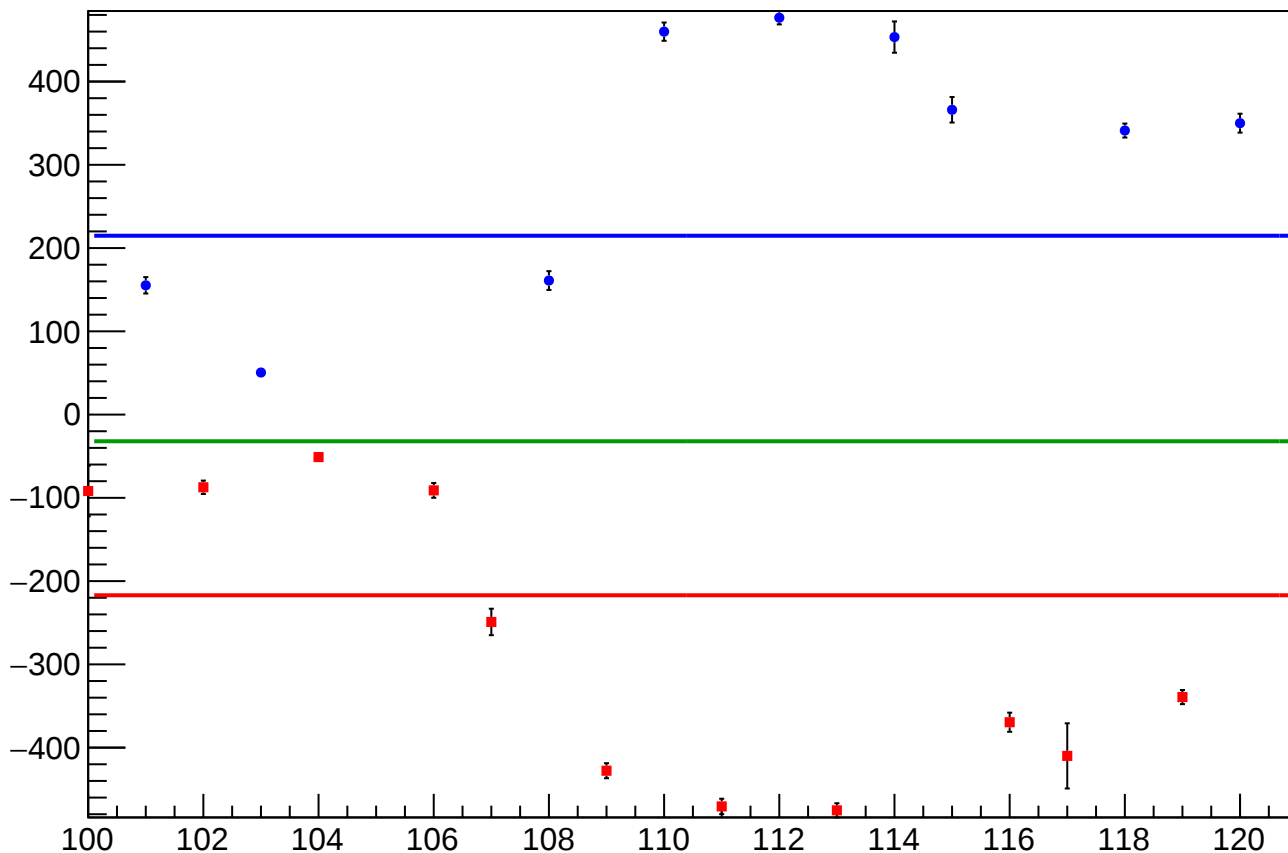
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12.734+/-1.576 χ^2/NDF : 102.6/8

-0.432+/-1.036 χ^2/NDF : 344.7/20

-10.448+/-1.375 χ^2/NDF : 119.2/11

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 214.822+/-2.808 χ^2/NDF : 3752.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -217.012+/-2.431 χ^2/NDF : 4994.1/11

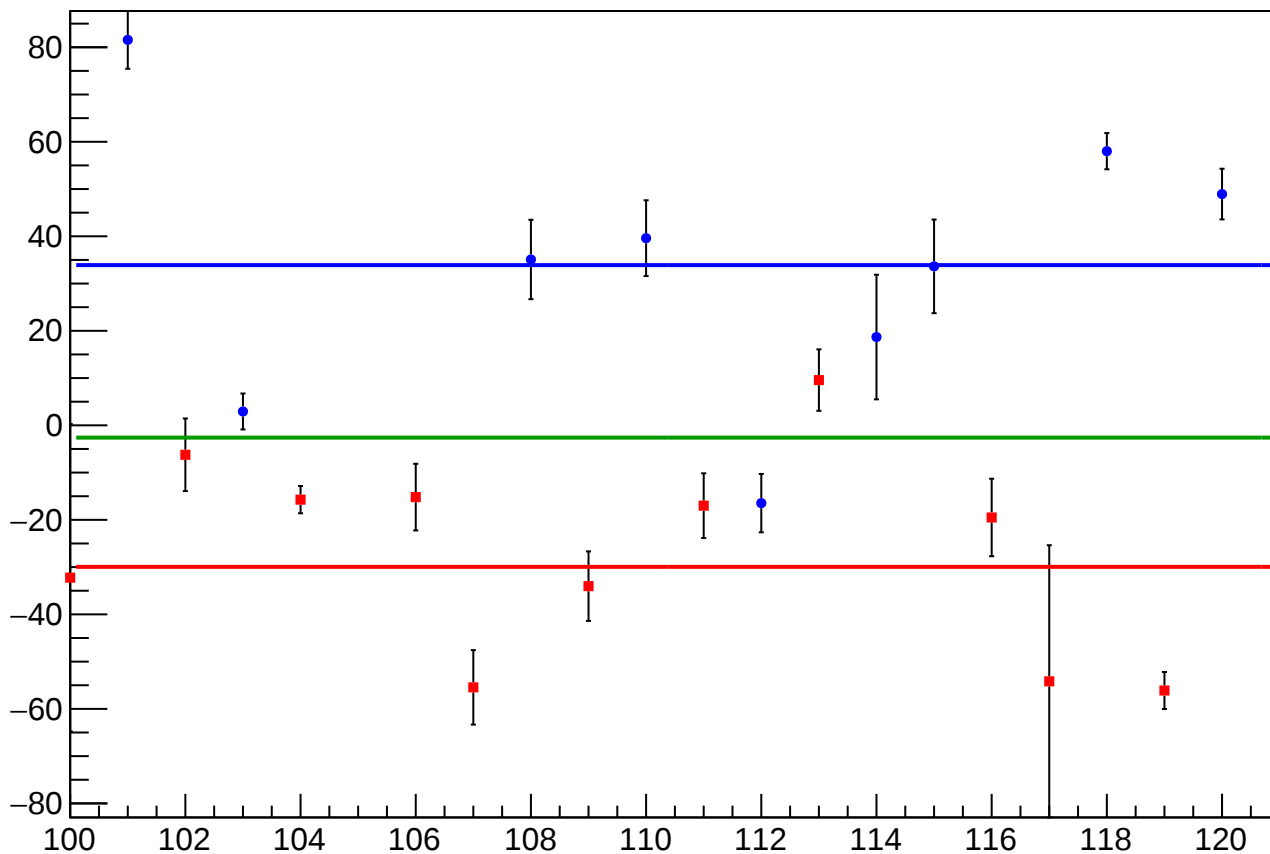
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

214.822+/-2.808 χ^2/NDF : 3752.8/8

-32.052+/-1.838 χ^2/NDF : 22267.4/20

-217.012+/-2.431 χ^2/NDF : 4994.1/11

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 33.902+/-1.922 χ^2/NDF : 242.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.940+/-1.664 χ^2/NDF : 192.1/11

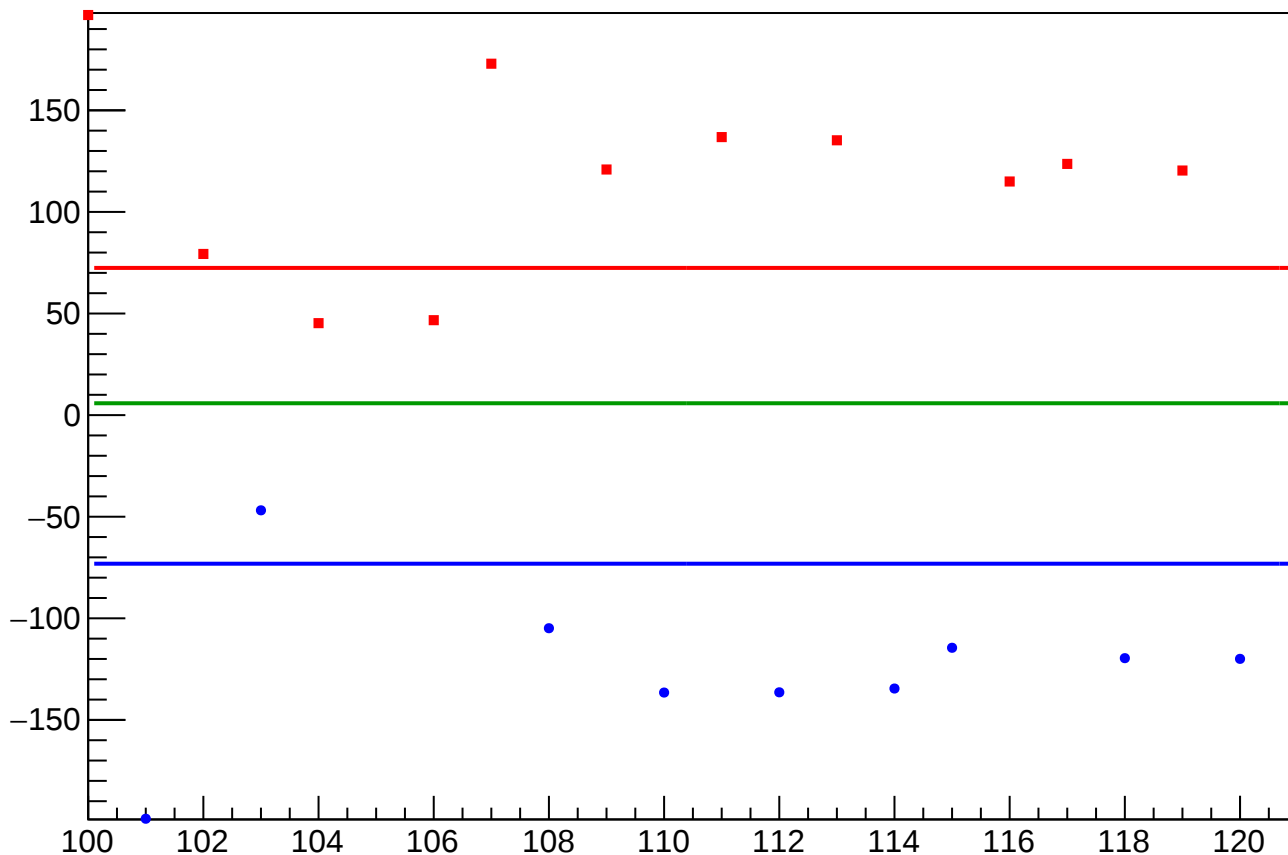
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

33.902+/-1.922 χ^2/NDF : 242.8/8

-2.598+/-1.258 χ^2/NDF : 1065.4/20

-29.940+/-1.664 χ^2/NDF : 192.1/11

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -73.126+/-0.079 χ^2/NDF : 296243.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.446+/-0.072 χ^2/NDF : 281918.9/11

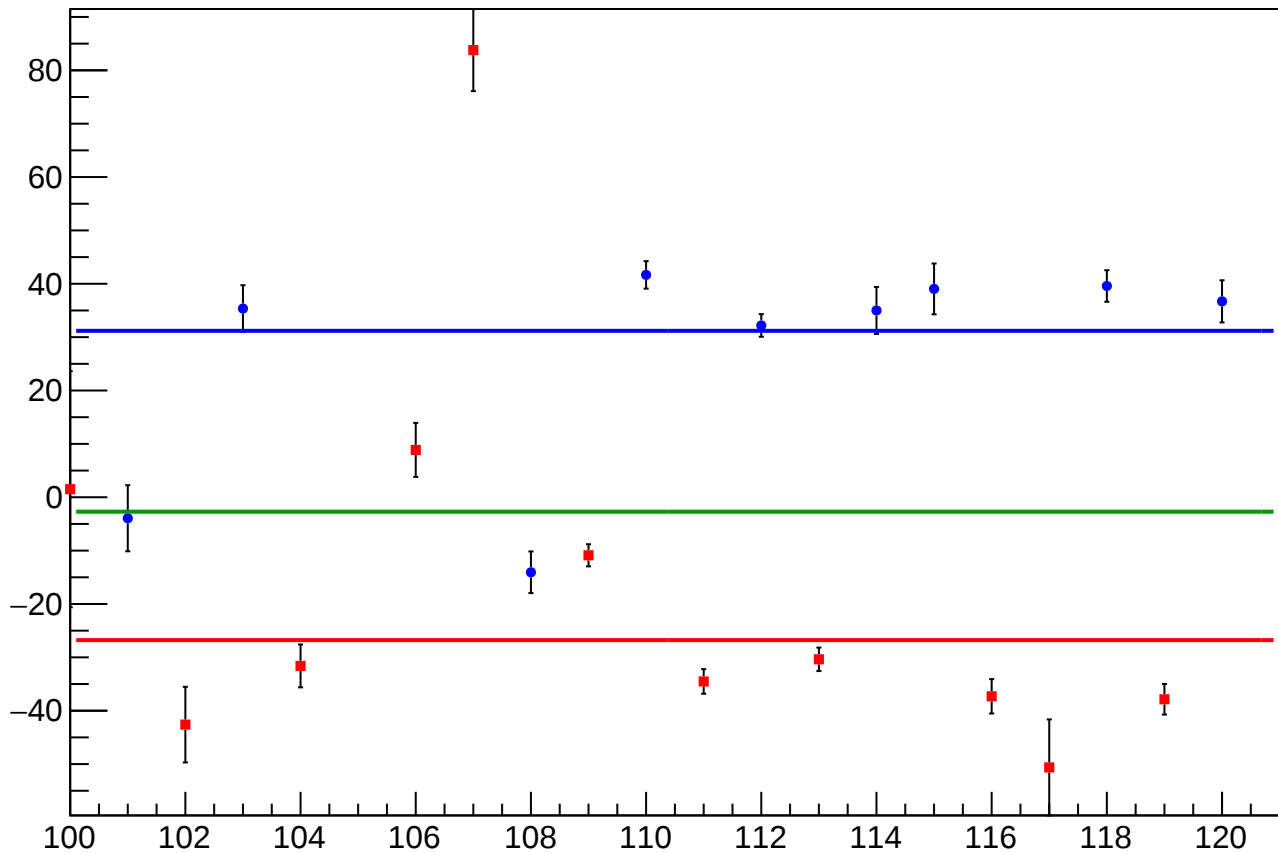
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-73.126+/-0.079 χ^2/NDF : 296243.7/8

5.837+/-0.053 χ^2/NDF : 2427244.0/20

72.446+/-0.072 χ^2/NDF : 281918.9/11

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 31.186+/-1.124 χ^2 /NDF: 197.5/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -26.770+/-0.947 χ^2 /NDF: 389.3/11

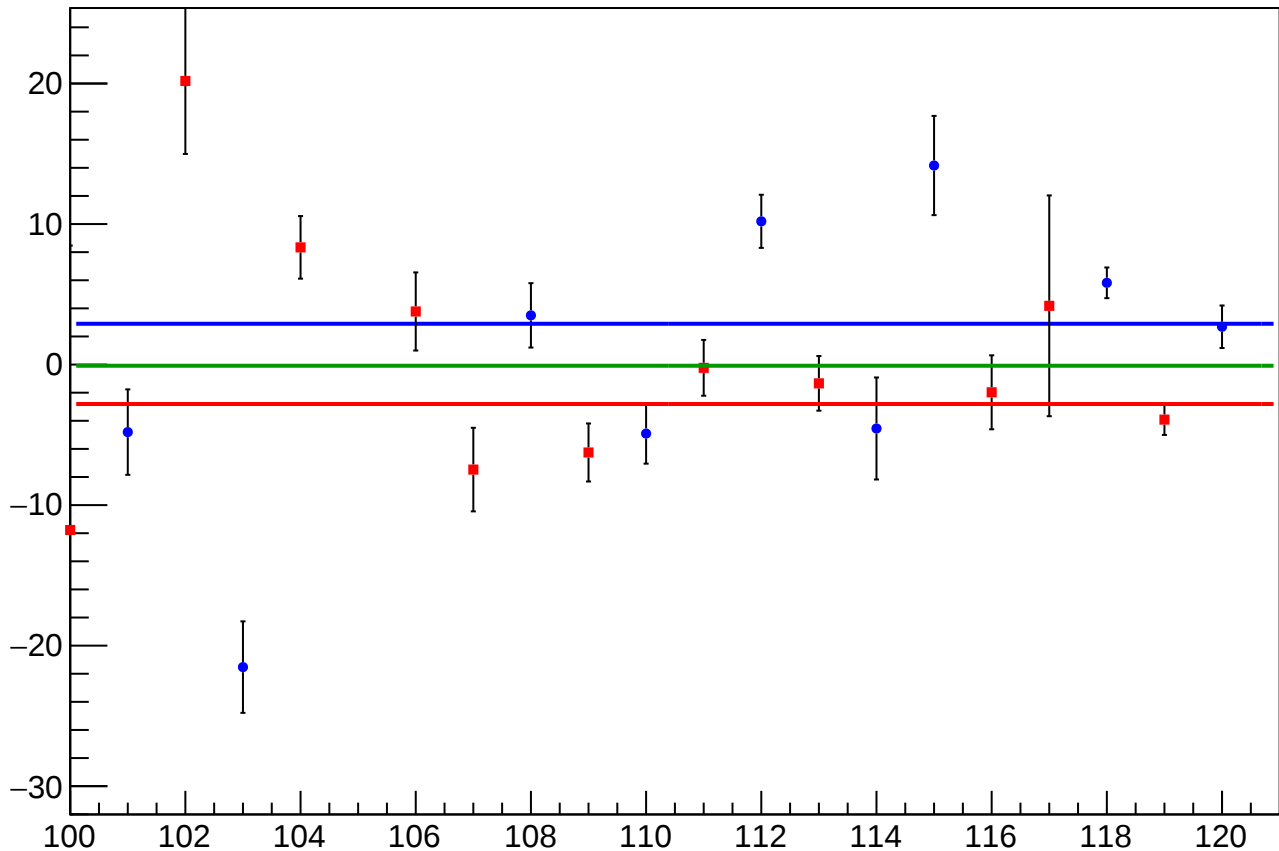
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

31.186+/-1.124 χ^2 /NDF: 197.5/8

-2.703+/-0.724 χ^2 /NDF: 2142.7/20

-26.770+/-0.947 χ^2 /NDF: 389.3/11

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.904+/-0.656 χ^2/NDF : 112.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.806+/-0.626 χ^2/NDF : 87.8/11

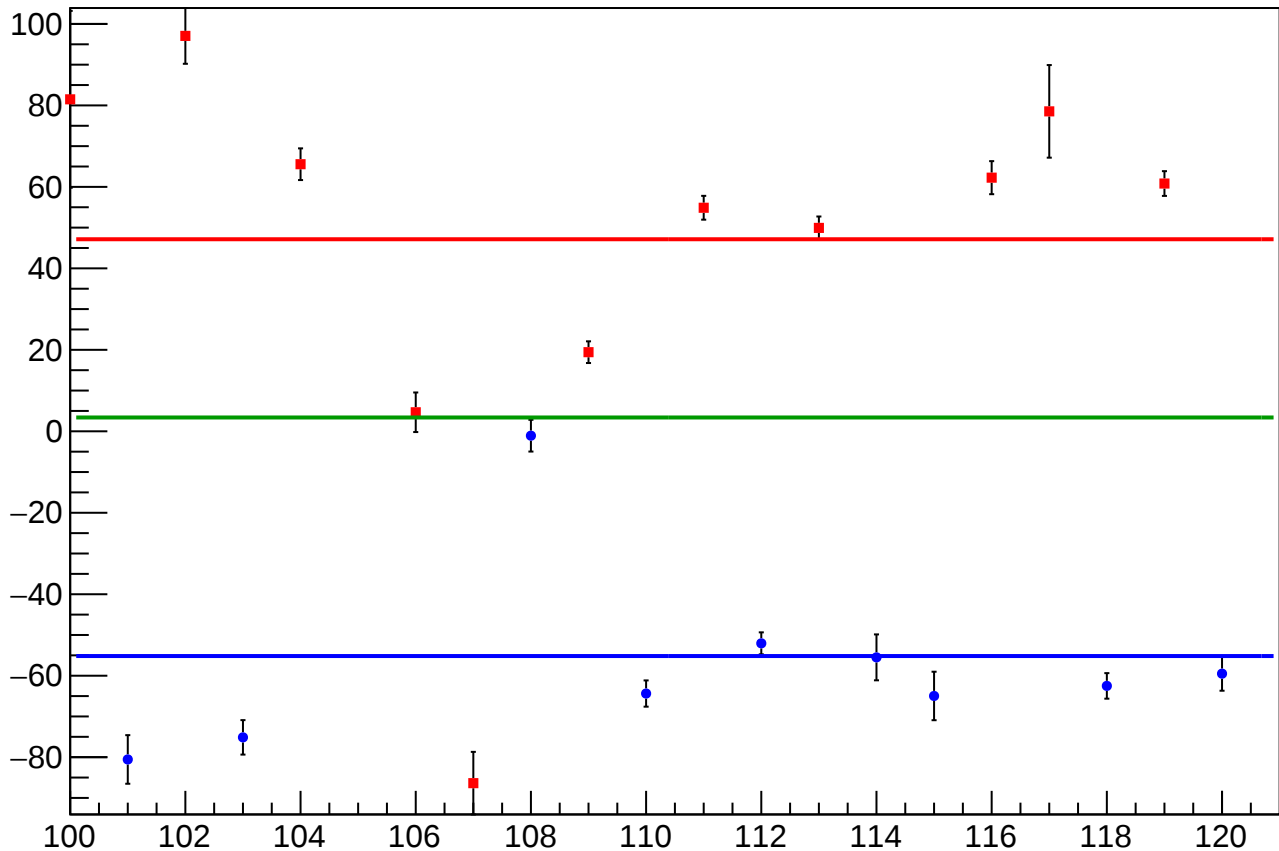
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.904+/-0.656 χ^2/NDF : 112.5/8

-0.083+/-0.453 χ^2/NDF : 240.0/20

-2.806+/-0.626 χ^2/NDF : 87.8/11

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -55.170 $\pm$ 1.289 χ^2 /NDF: 251.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 47.145 $\pm$ 1.114 χ^2 /NDF: 645.9/11

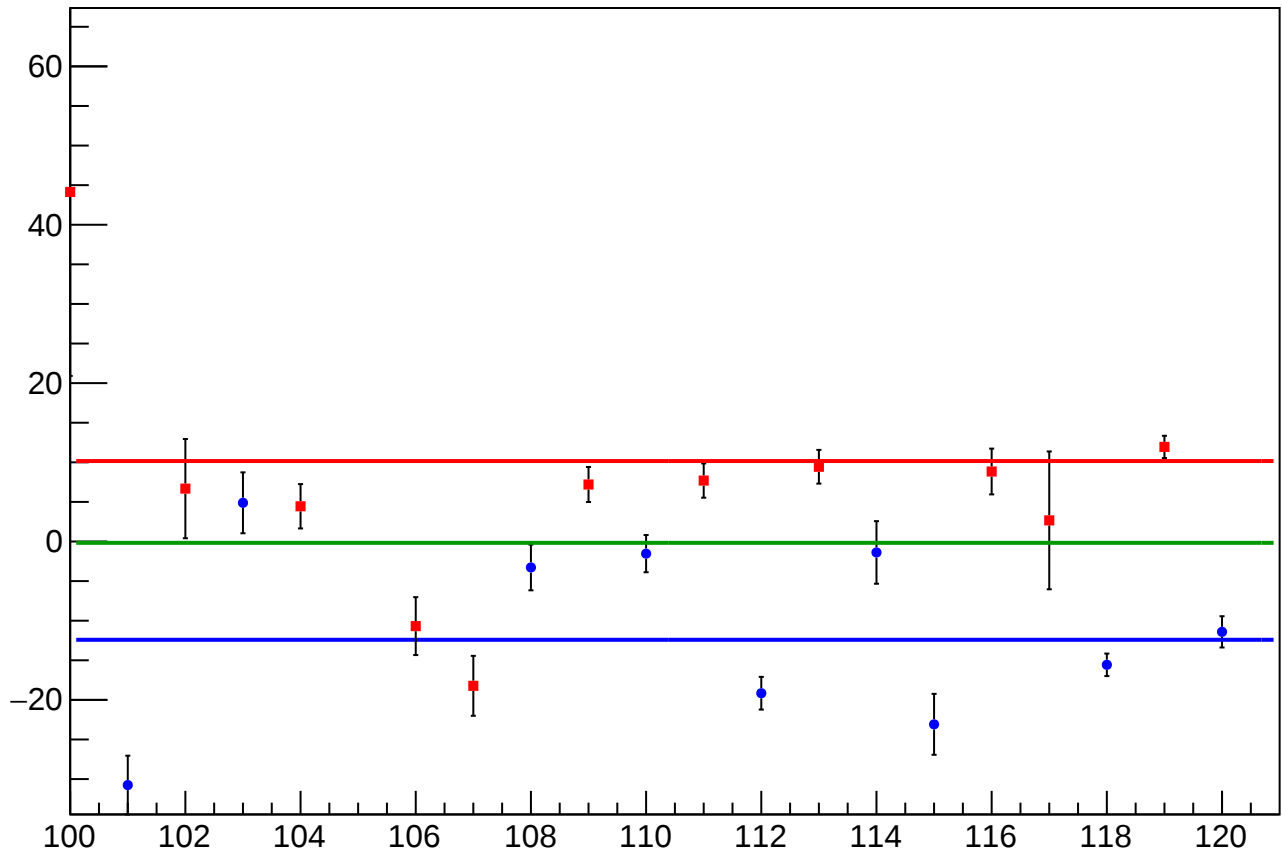
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-55.170 $\pm$ 1.289 χ^2 /NDF: 251.9/8

3.392 $\pm$ 0.843 χ^2 /NDF: 4505.9/20

47.145 $\pm$ 1.114 χ^2 /NDF: 645.9/11

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.411+/-0.801 χ^2/NDF : 107.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.162+/-0.736 χ^2/NDF : 191.6/11

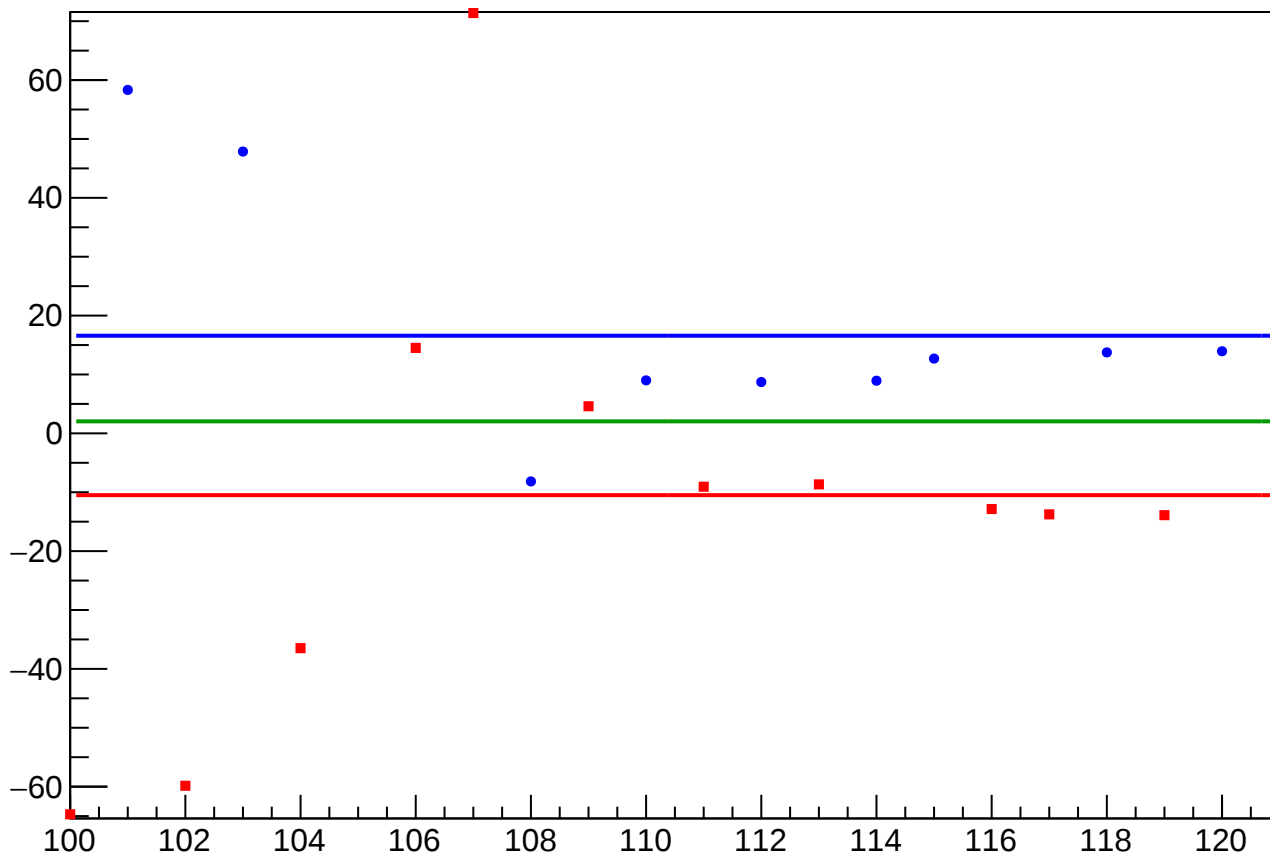
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-12.411+/-0.801 χ^2/NDF : 107.5/8

-0.167+/-0.542 χ^2/NDF : 729.6/20

10.162+/-0.736 χ^2/NDF : 191.6/11

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 16.582 ± 0.045 χ^2/NDF : 232358.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -10.497 ± 0.042 χ^2/NDF : 440457.0/11

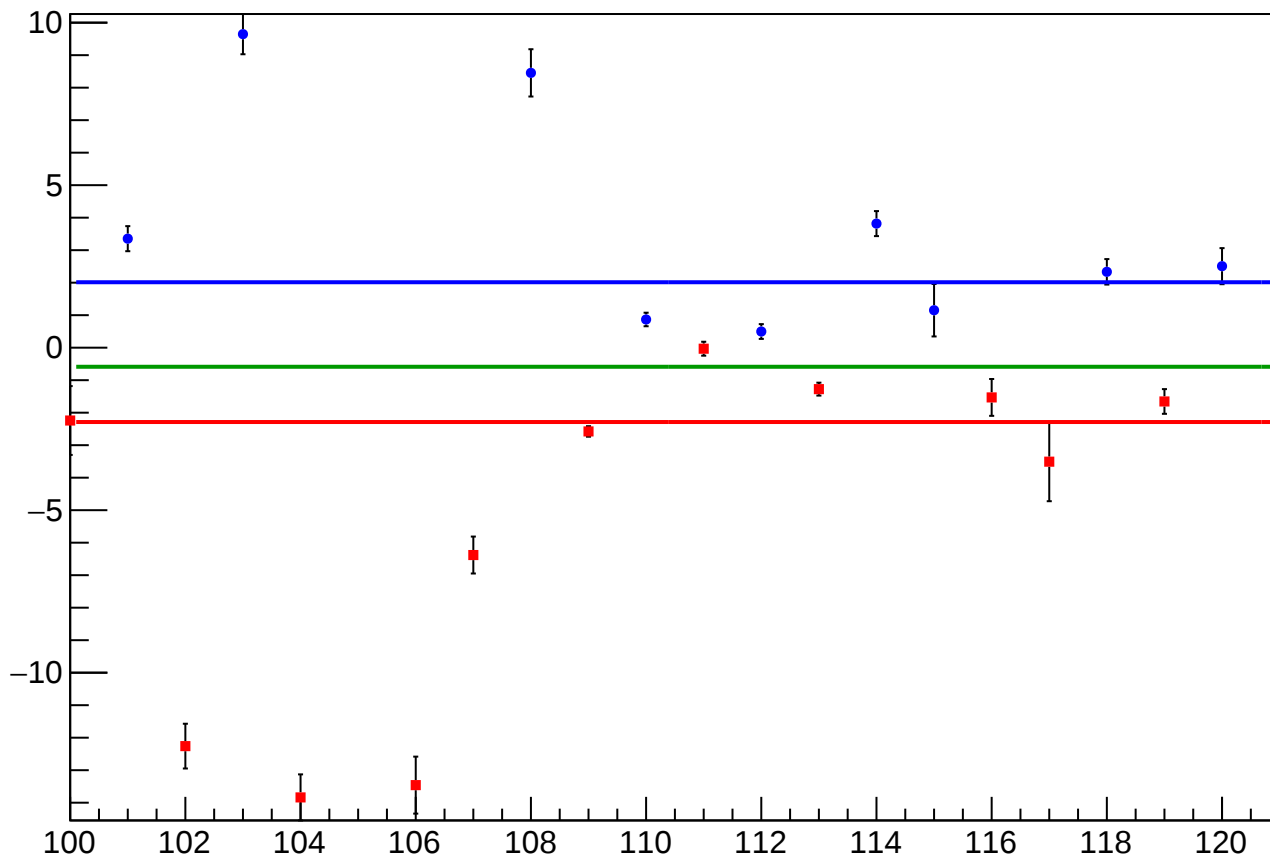
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

16.582 ± 0.045 χ^2/NDF : 232358.6/8

2.038 ± 0.031 χ^2/NDF : 864078.3/20

-10.497 ± 0.042 χ^2/NDF : 440457.0/11

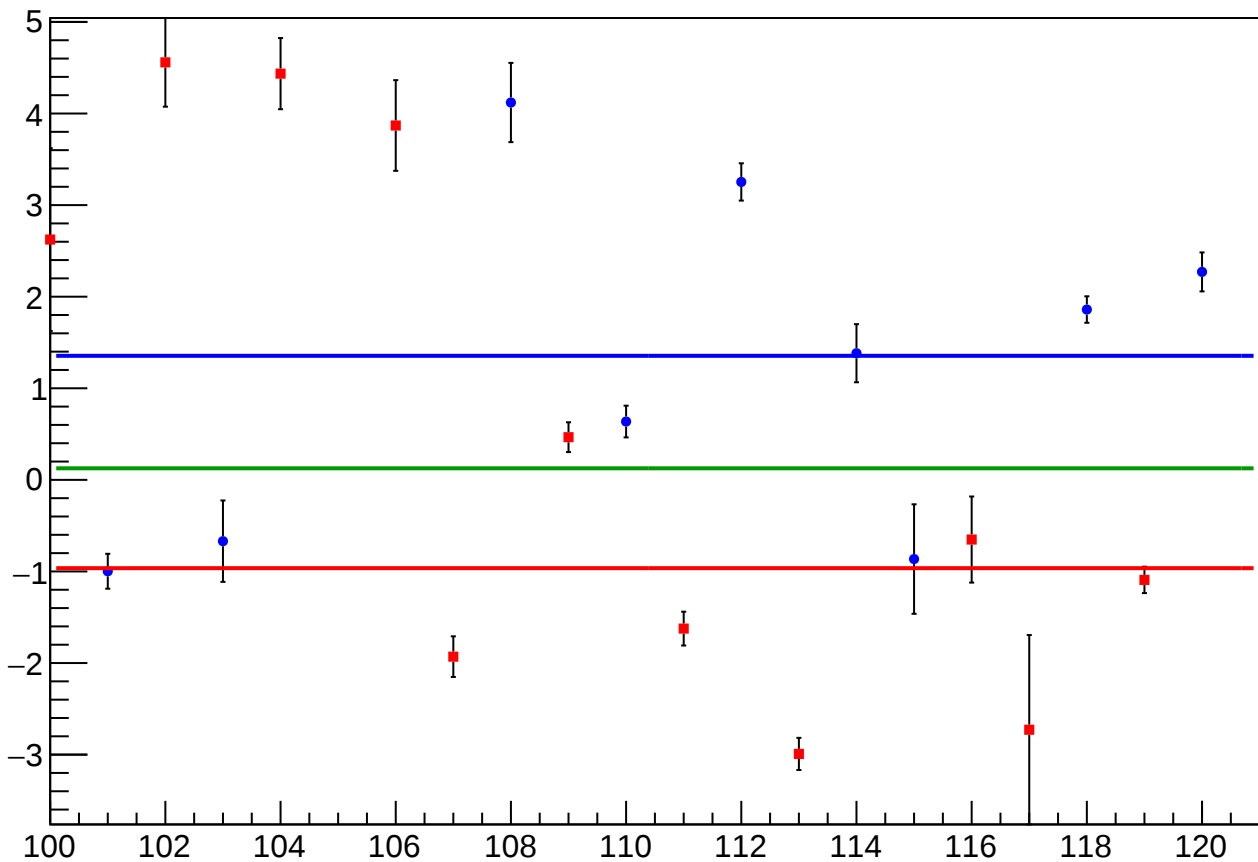
reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 2.013 $\pm$ 0.118 χ^2 /NDF: 341.8/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -2.287 $\pm$ 0.096 χ^2 /NDF: 835.5/11
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

2.013 $\pm$ 0.118 χ^2 /NDF: 341.8/8
 -0.587 $\pm$ 0.074 χ^2 /NDF: 1978.4/20
 -2.287 $\pm$ 0.096 χ^2 /NDF: 835.5/11

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.354+/-0.075 χ^2/NDF : 362.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.964+/-0.071 χ^2/NDF : 736.2/11

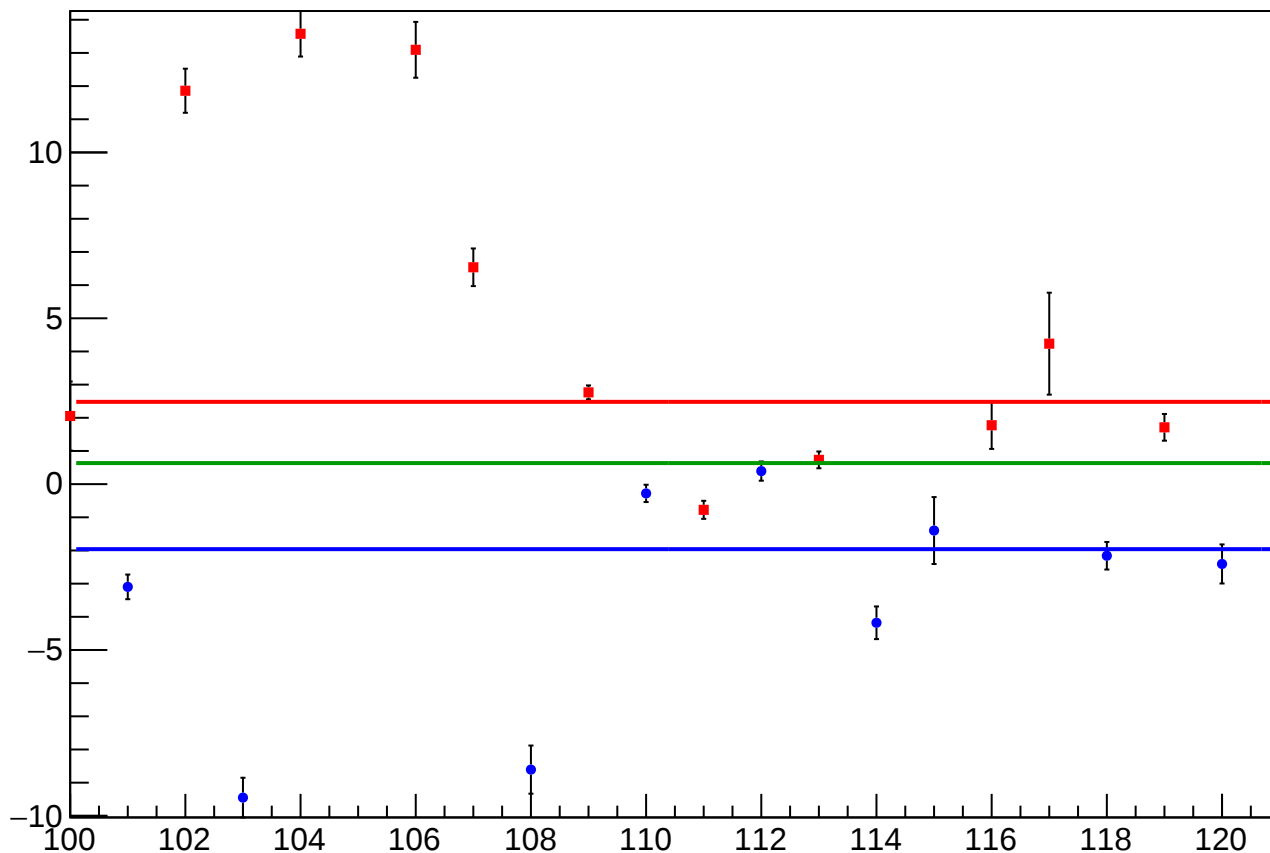
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.354+/-0.075 χ^2/NDF : 362.7/8

0.126+/-0.051 χ^2/NDF : 1606.0/20

-0.964+/-0.071 χ^2/NDF : 736.2/11

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.960±/0.138 χ^2/NDF : 378.9/8

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: 2.481±/0.117 χ^2/NDF : 870.7/11

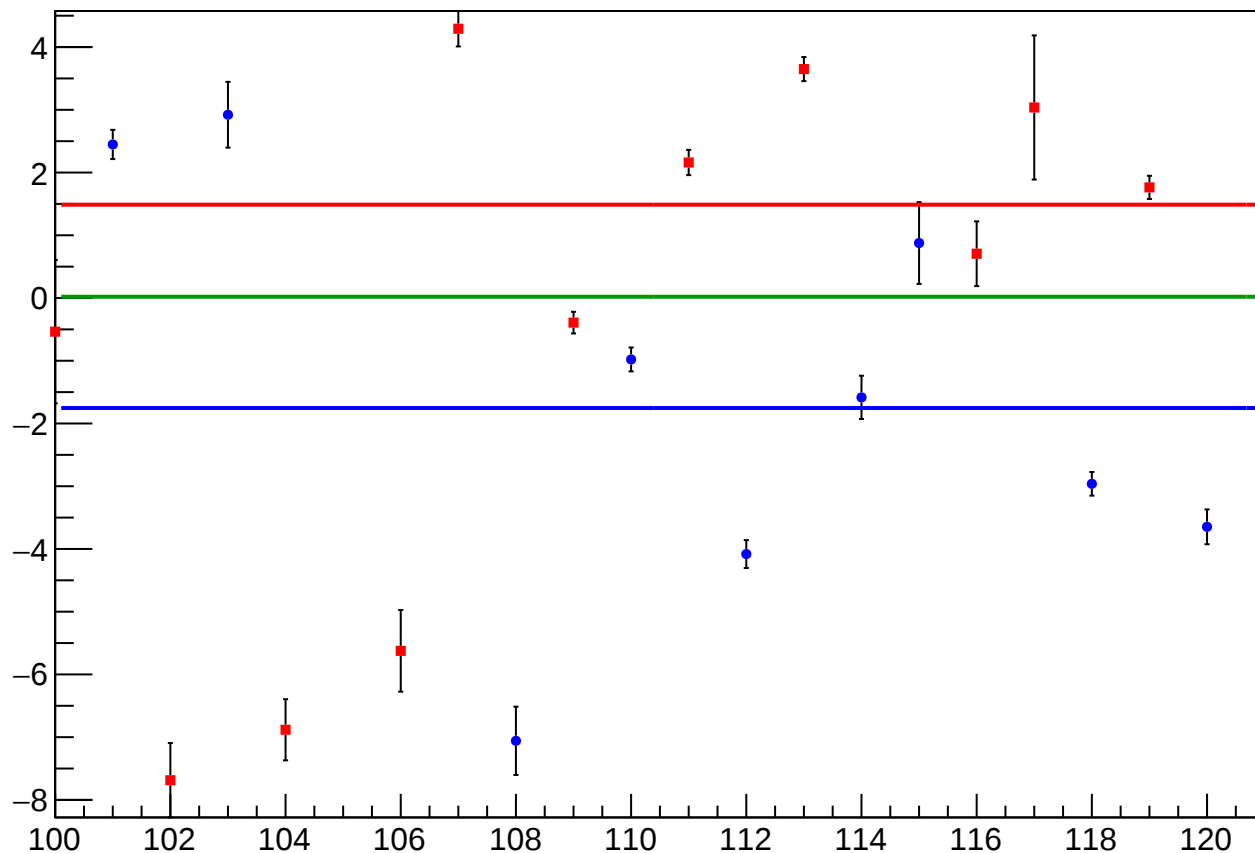
Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

-1.960±/0.138 χ^2/NDF : 378.9/8

0.635±/0.089 χ^2/NDF : 1853.1/20

2.481±/0.117 χ^2/NDF : 870.7/11

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.753+/-0.089 χ^2 /NDF: 730.3/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1.488+/-0.081 χ^2 /NDF: 1089.6/11

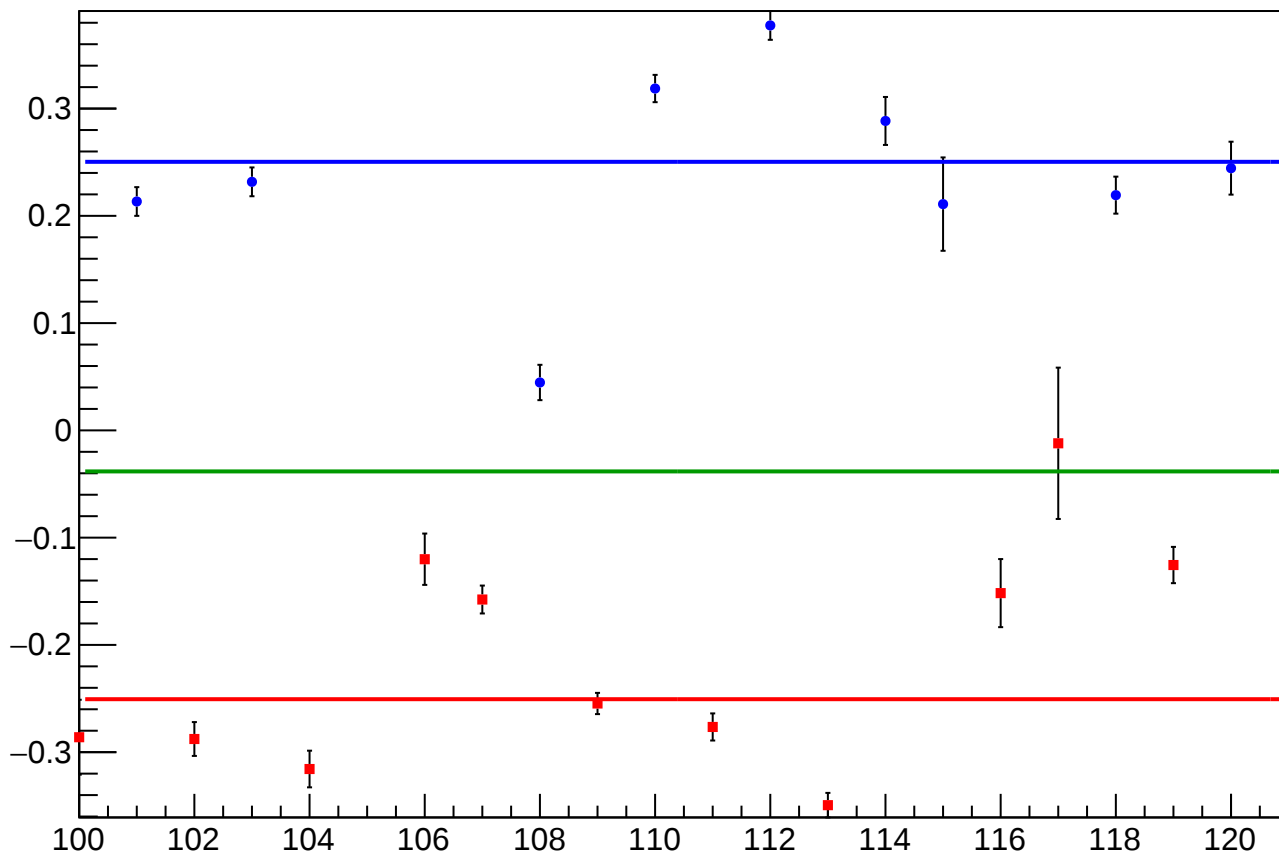
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1.753+/-0.089 χ^2 /NDF: 730.3/8

0.020+/-0.060 χ^2 /NDF: 2539.6/20

1.488+/-0.081 χ^2 /NDF: 1089.6/11

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.250+/-0.005 χ^2/NDF : 291.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.251+/-0.005 χ^2/NDF : 256.6/11

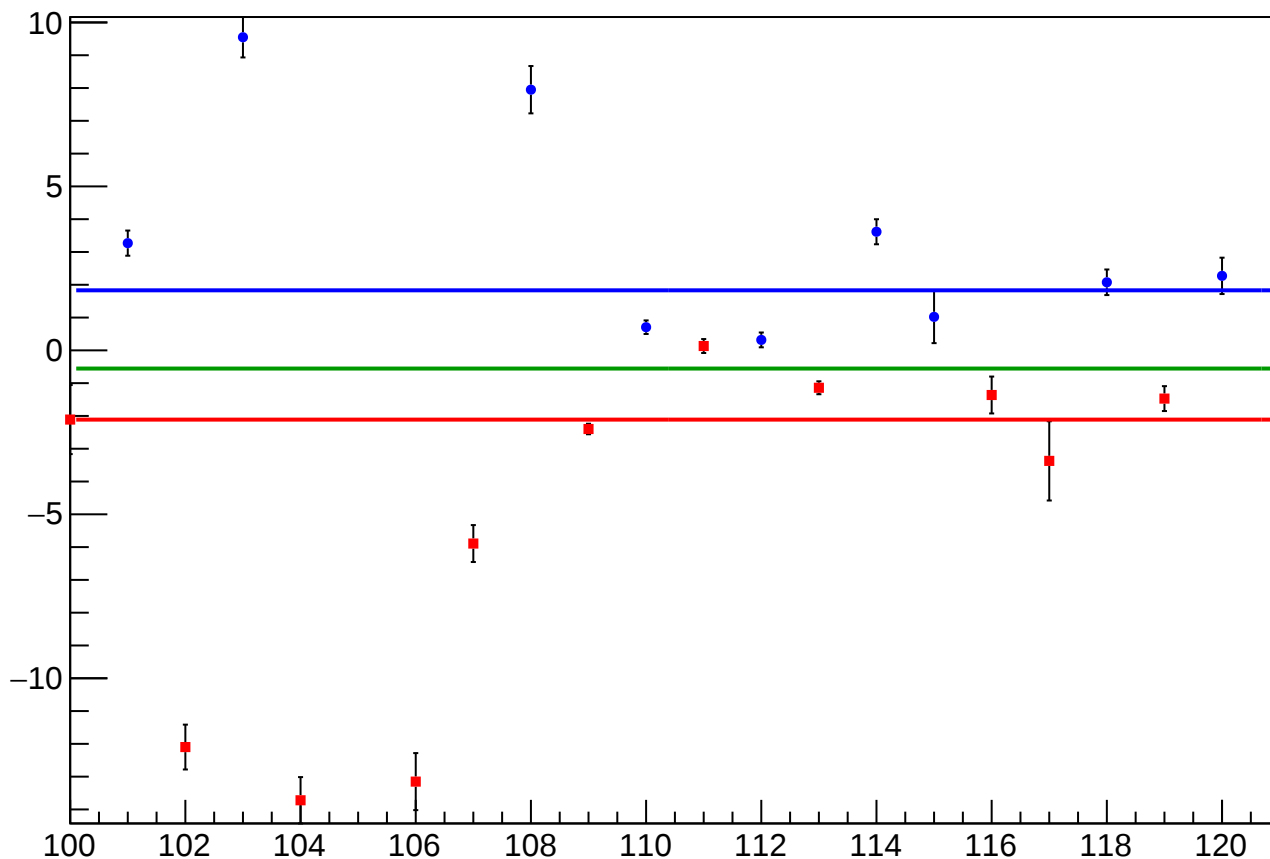
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.250+/-0.005 χ^2/NDF : 291.1/8

-0.038+/-0.004 χ^2/NDF : 5473.6/20

-0.251+/-0.005 χ^2/NDF : 256.6/11

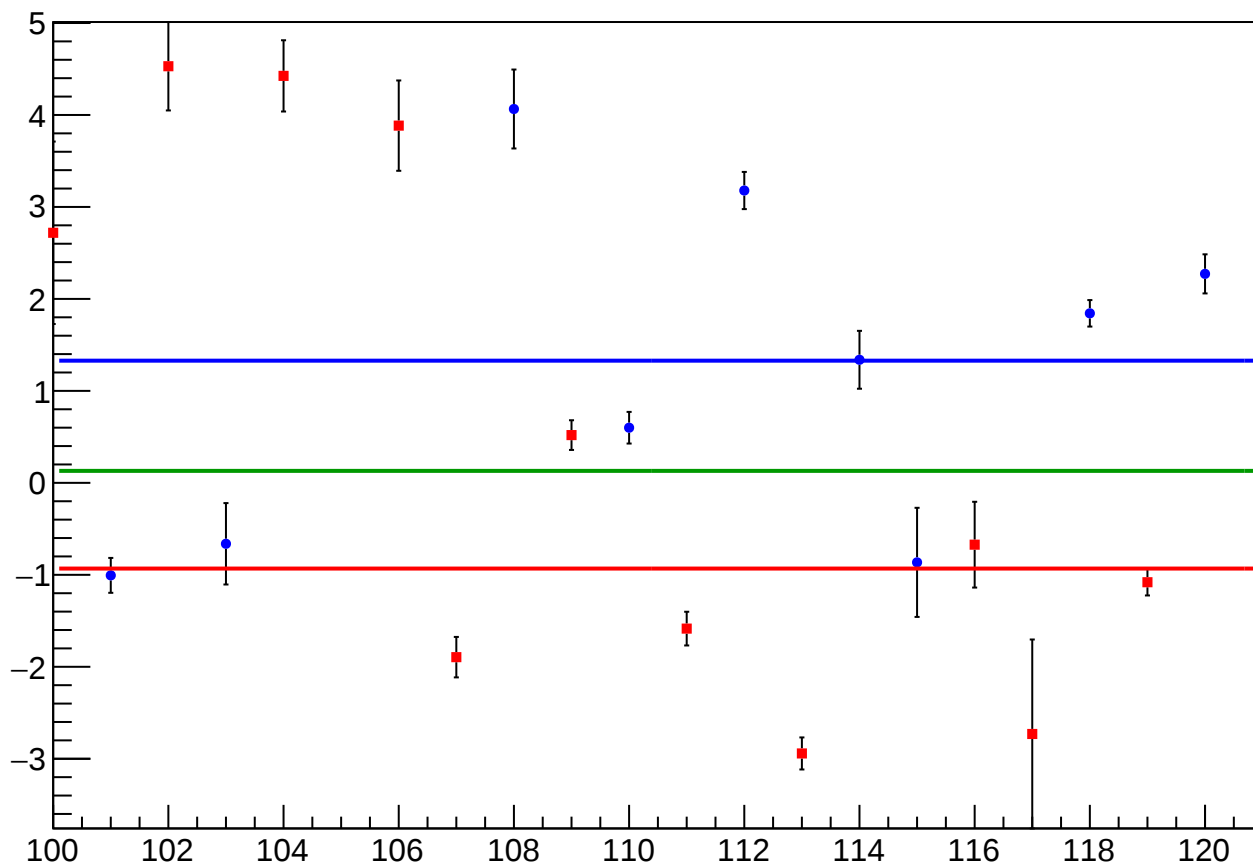
reg_asym_bcm_an_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.831+/-0.117 χ^2/NDF : 340.9/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -2.112+/-0.095 χ^2/NDF : 834.3/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.831+/-0.117 χ^2/NDF : 340.9/8
 -0.555+/-0.074 χ^2/NDF : 1857.1/20
 -2.112+/-0.095 χ^2/NDF : 834.3/11

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.329+/-0.075 χ^2/NDF : 360.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.932+/-0.070 χ^2/NDF : 738.1/11

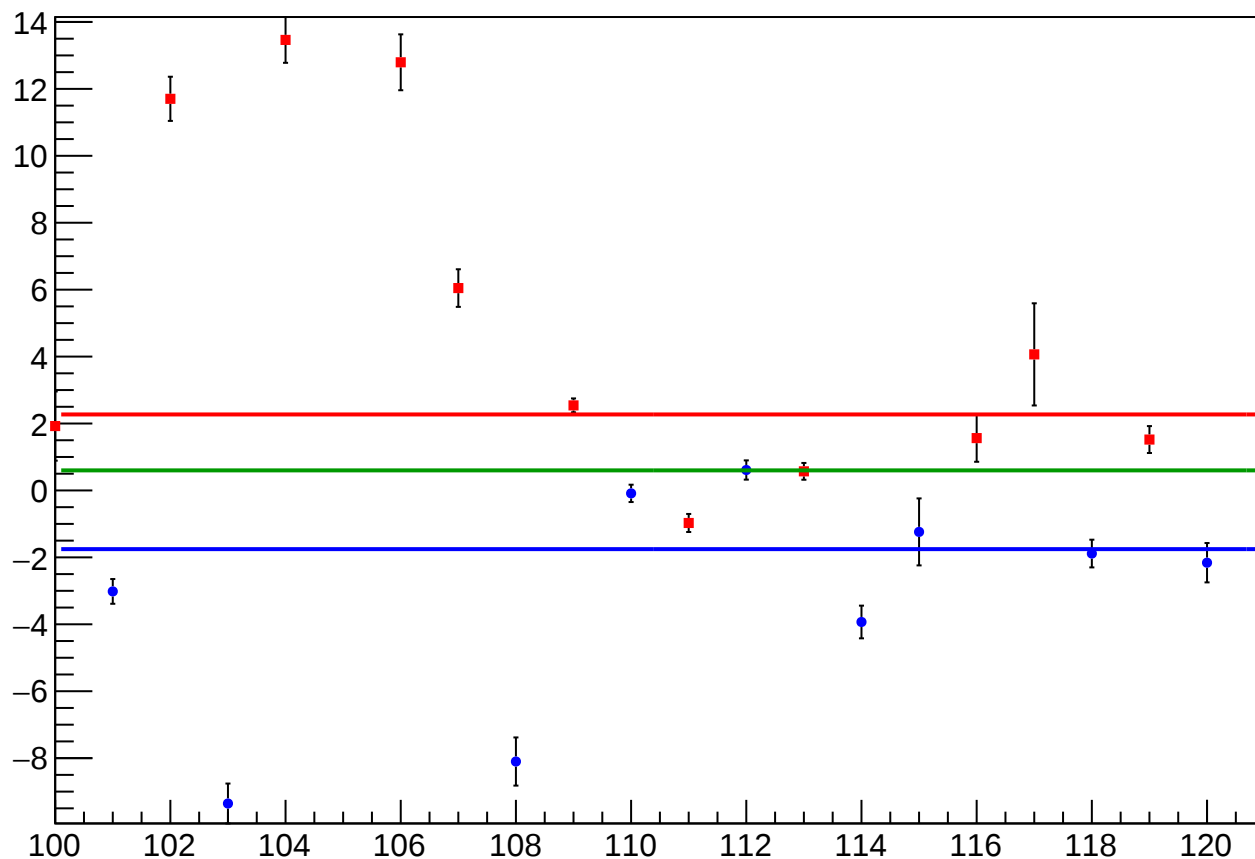
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.329+/-0.075 χ^2/NDF : 360.2/8

0.130+/-0.051 χ^2/NDF : 1585.4/20

-0.932+/-0.070 χ^2/NDF : 738.1/11

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.754+/-0.137 χ^2 /NDF: 381.7/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 2.271+/-0.116 χ^2 /NDF: 874.5/11

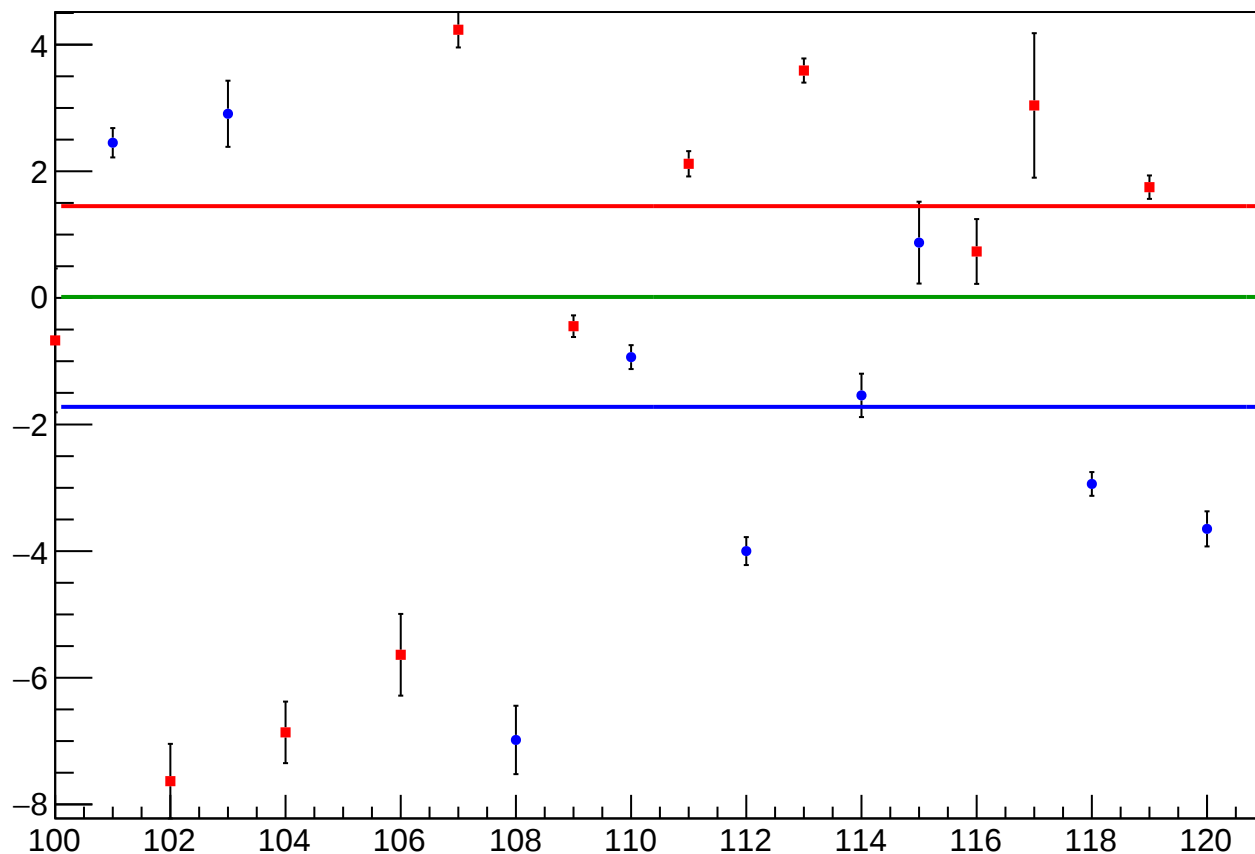
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1.754+/-0.137 χ^2 /NDF: 381.7/8

0.599+/-0.089 χ^2 /NDF: 1757.9/20

2.271+/-0.116 χ^2 /NDF: 874.5/11

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.721+/-0.089 χ^2 /NDF: 727.7/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1.449+/-0.081 χ^2 /NDF: 1091.8/11

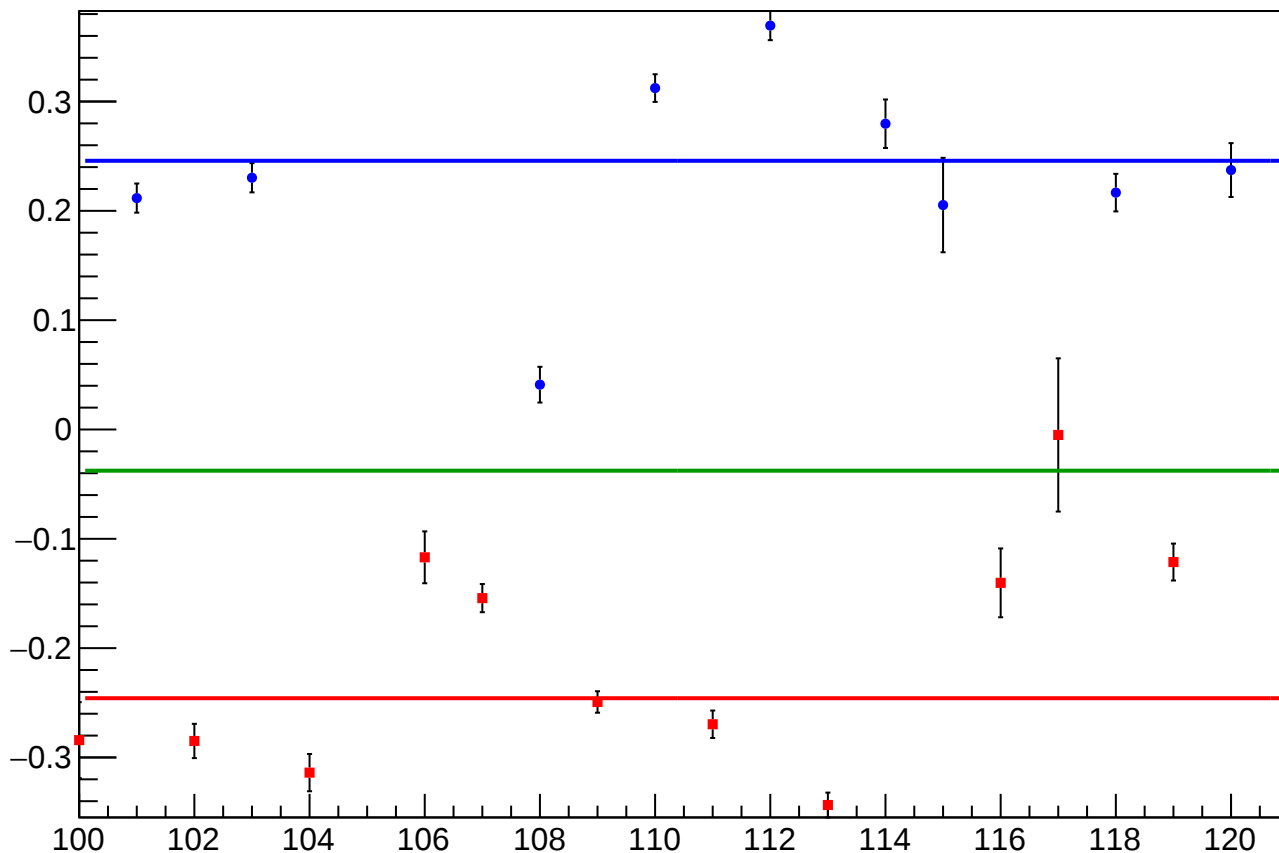
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1.721+/-0.089 χ^2 /NDF: 727.7/8

0.015+/-0.060 χ^2 /NDF: 2515.9/20

1.449+/-0.081 χ^2 /NDF: 1091.8/11

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.246+/-0.005 χ^2/NDF : 284.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.246+/-0.005 χ^2/NDF : 258.4/11

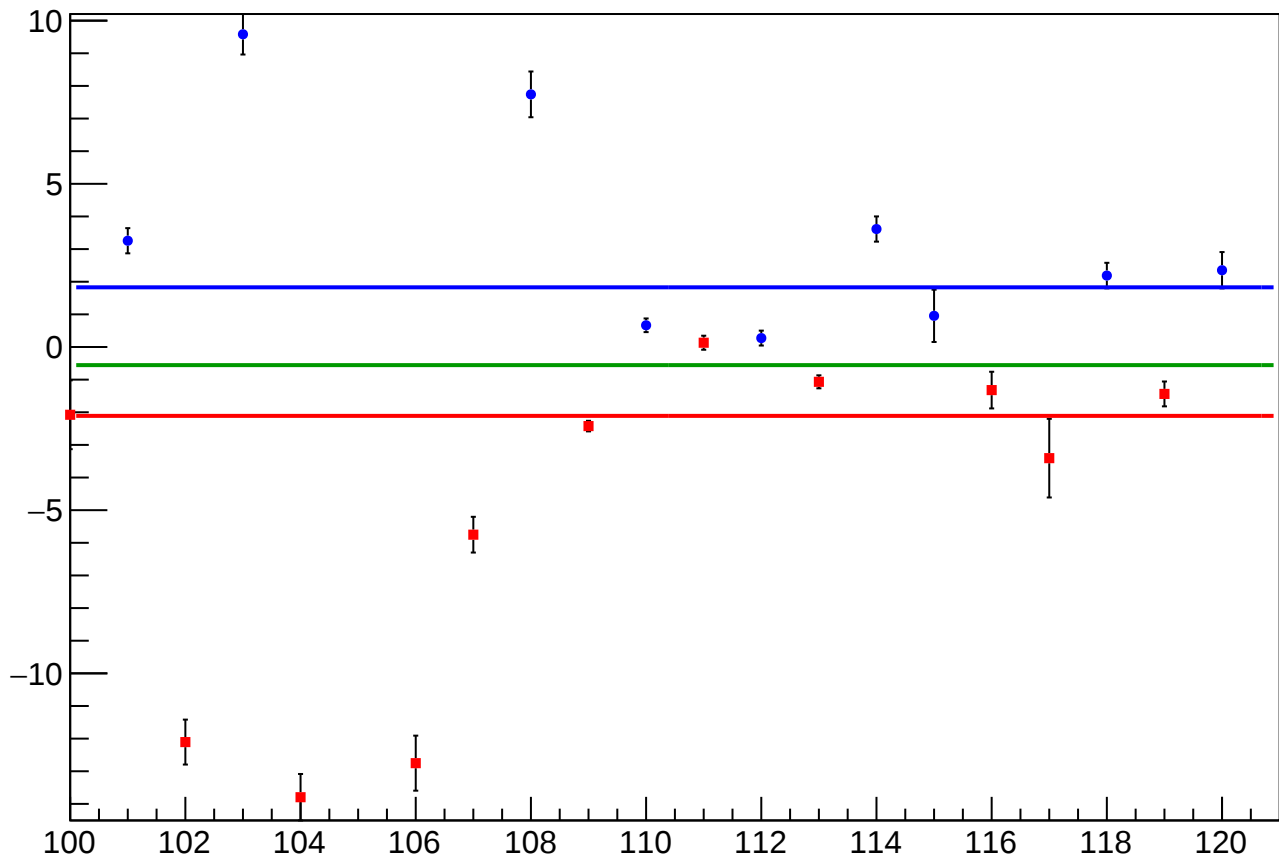
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.246+/-0.005 χ^2/NDF : 284.9/8

-0.038+/-0.004 χ^2/NDF : 5344.3/20

-0.246+/-0.005 χ^2/NDF : 258.4/11

reg_asym_bcm_an_us_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.829 $\pm$ 0.118 χ^2/NDF : 342.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -2.110 $\pm$ 0.096 χ^2/NDF : 830.8/11

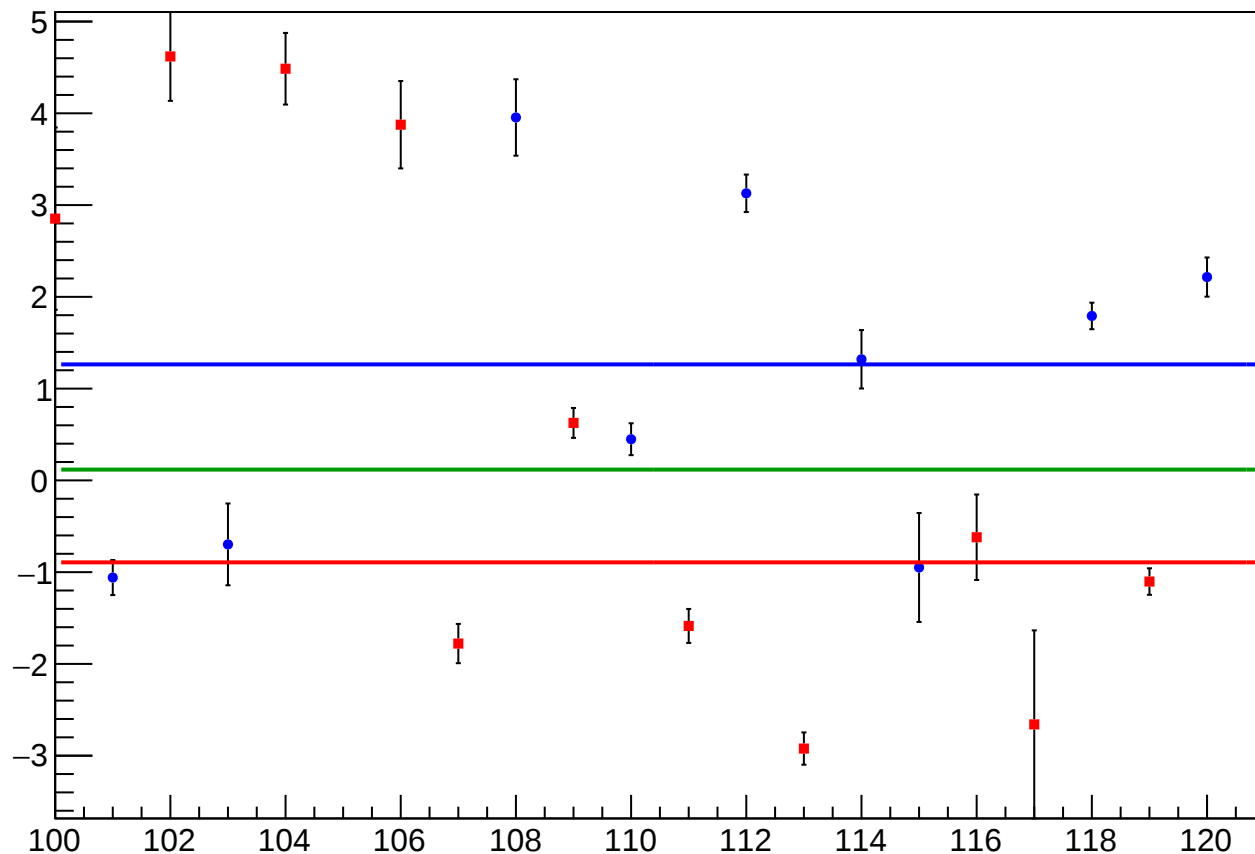
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1.829 $\pm$ 0.118 χ^2/NDF : 342.5/8

-0.555 $\pm$ 0.074 χ^2/NDF : 1843.8/20

-2.110 $\pm$ 0.096 χ^2/NDF : 830.8/11

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.264+/-0.075 χ^2/NDF : 361.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.893+/-0.070 χ^2/NDF : 748.4/11

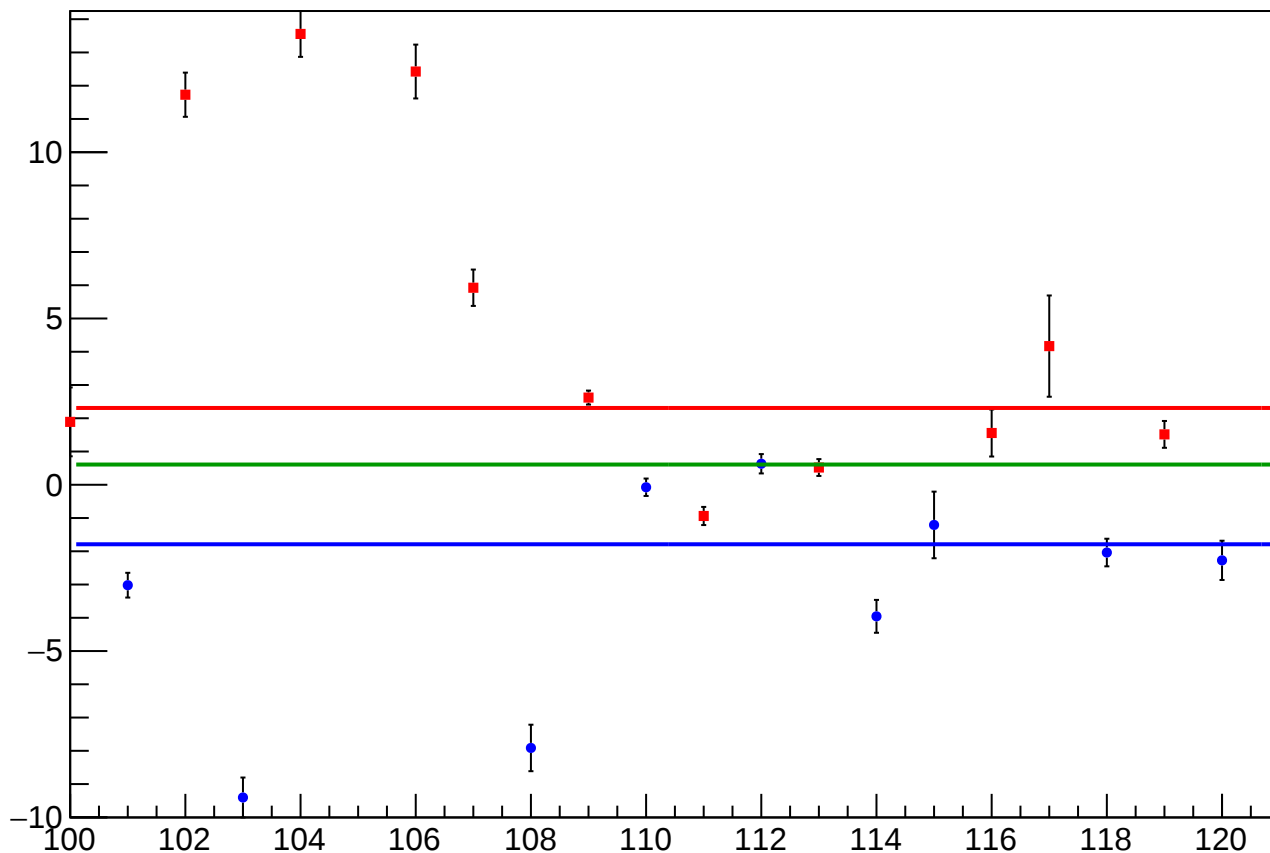
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.264+/-0.075 χ^2/NDF : 361.7/8

0.118+/-0.051 χ^2/NDF : 1550.0/20

-0.893+/-0.070 χ^2/NDF : 748.4/11

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.789 ± 0.138 χ^2/NDF : 381.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.310 ± 0.117 χ^2/NDF : 869.0/11

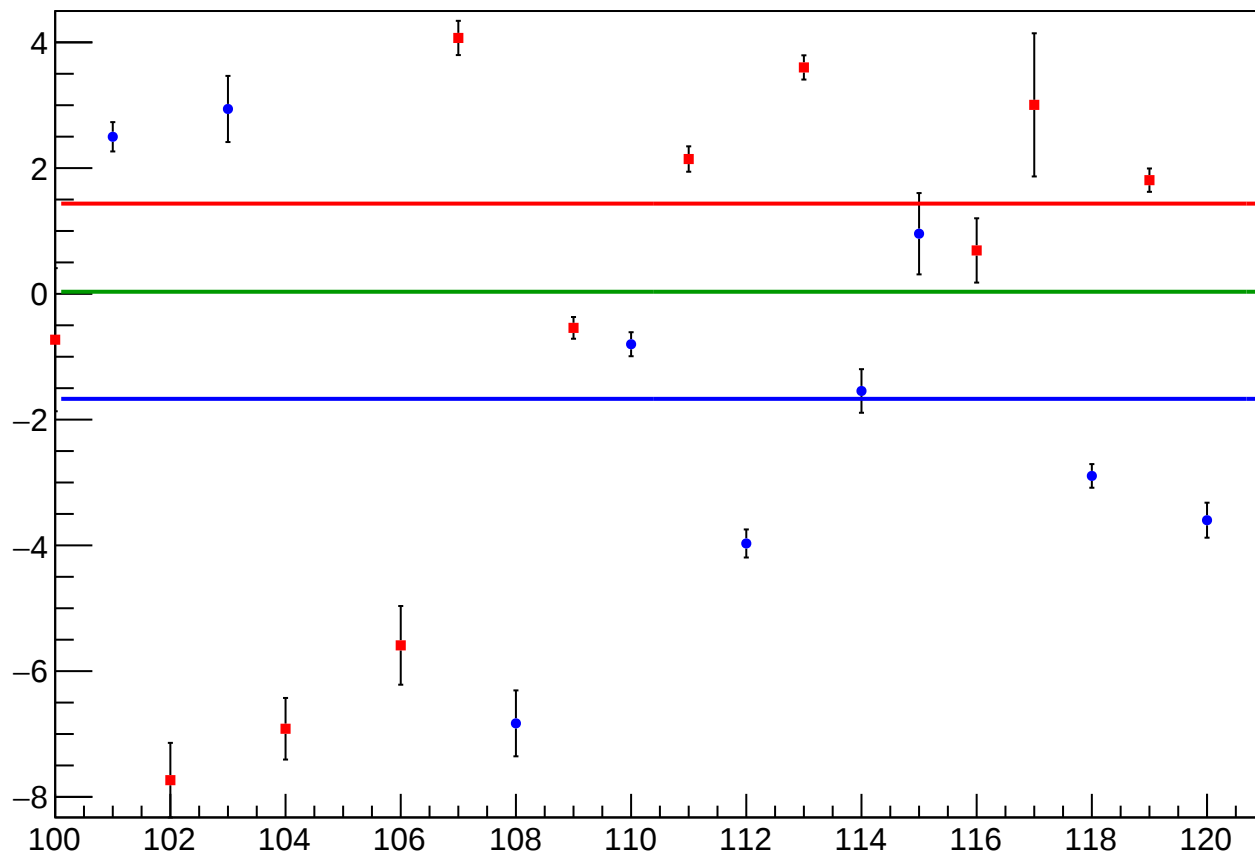
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.789 ± 0.138 χ^2/NDF : 381.6/8

0.608 ± 0.089 χ^2/NDF : 1764.1/20

2.310 ± 0.117 χ^2/NDF : 869.0/11

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.670+/-0.089 χ^2 /NDF: 727.1/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1.435+/-0.081 χ^2 /NDF: 1102.5/11

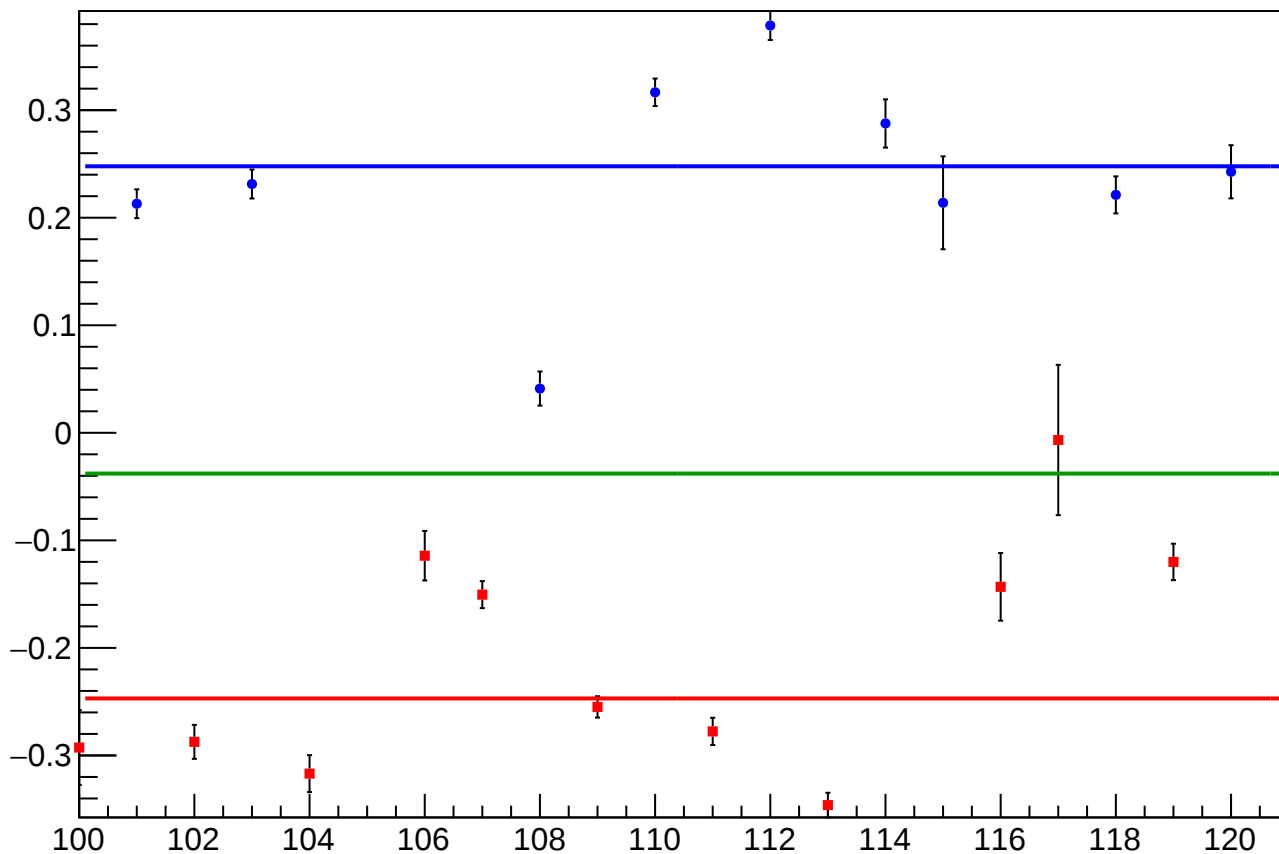
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.670+/-0.089 χ^2 /NDF: 727.1/8

0.034+/-0.060 χ^2 /NDF: 2490.7/20

1.435+/-0.081 χ^2 /NDF: 1102.5/11

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.248 $\pm$ 0.005 χ^2 /NDF: 307.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.247 $\pm$ 0.005 χ^2 /NDF: 277.3/11

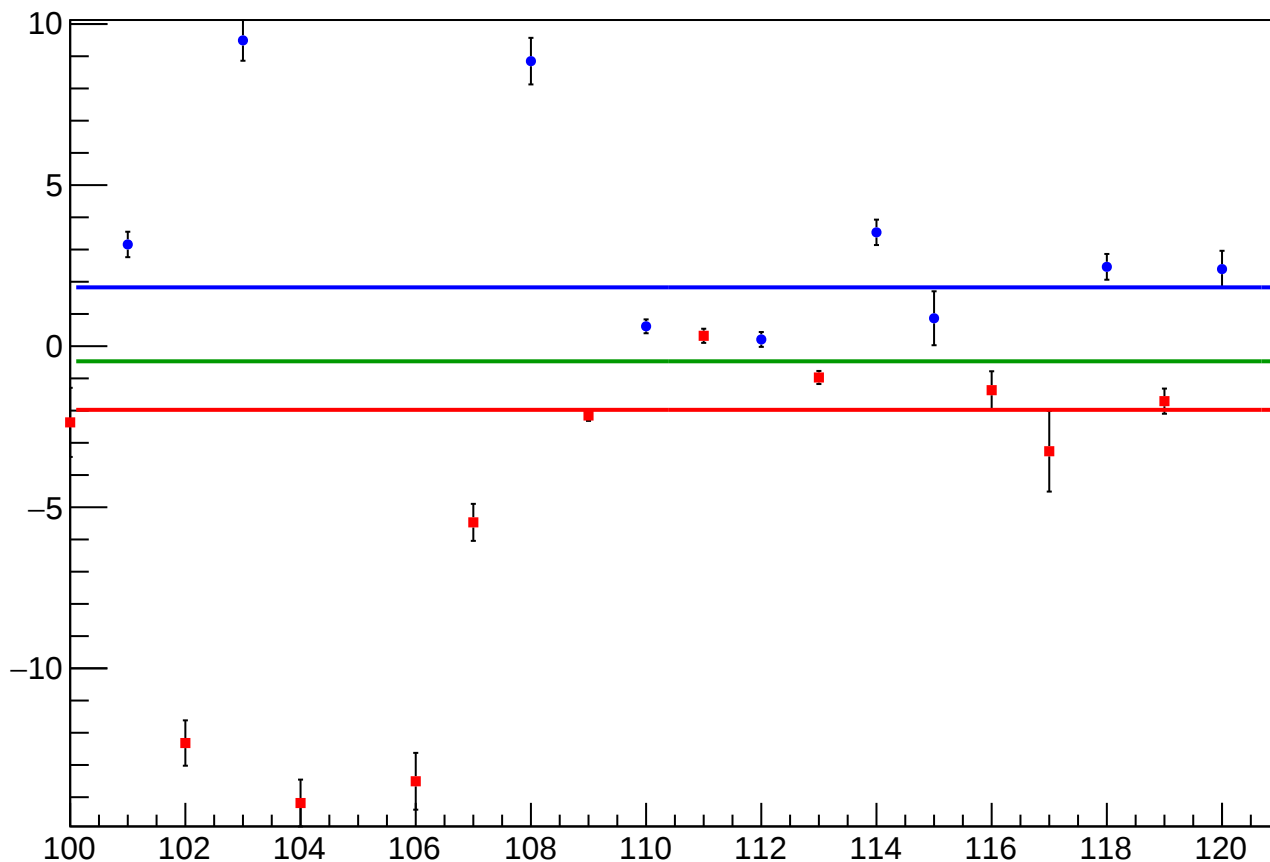
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.248 $\pm$ 0.005 χ^2 /NDF: 307.4/8

-0.038 $\pm$ 0.004 χ^2 /NDF: 5420.8/20

-0.247 $\pm$ 0.005 χ^2 /NDF: 277.3/11

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.826+/-0.121 χ^2/NDF : 357.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.976+/-0.098 χ^2/NDF : 844.2/11

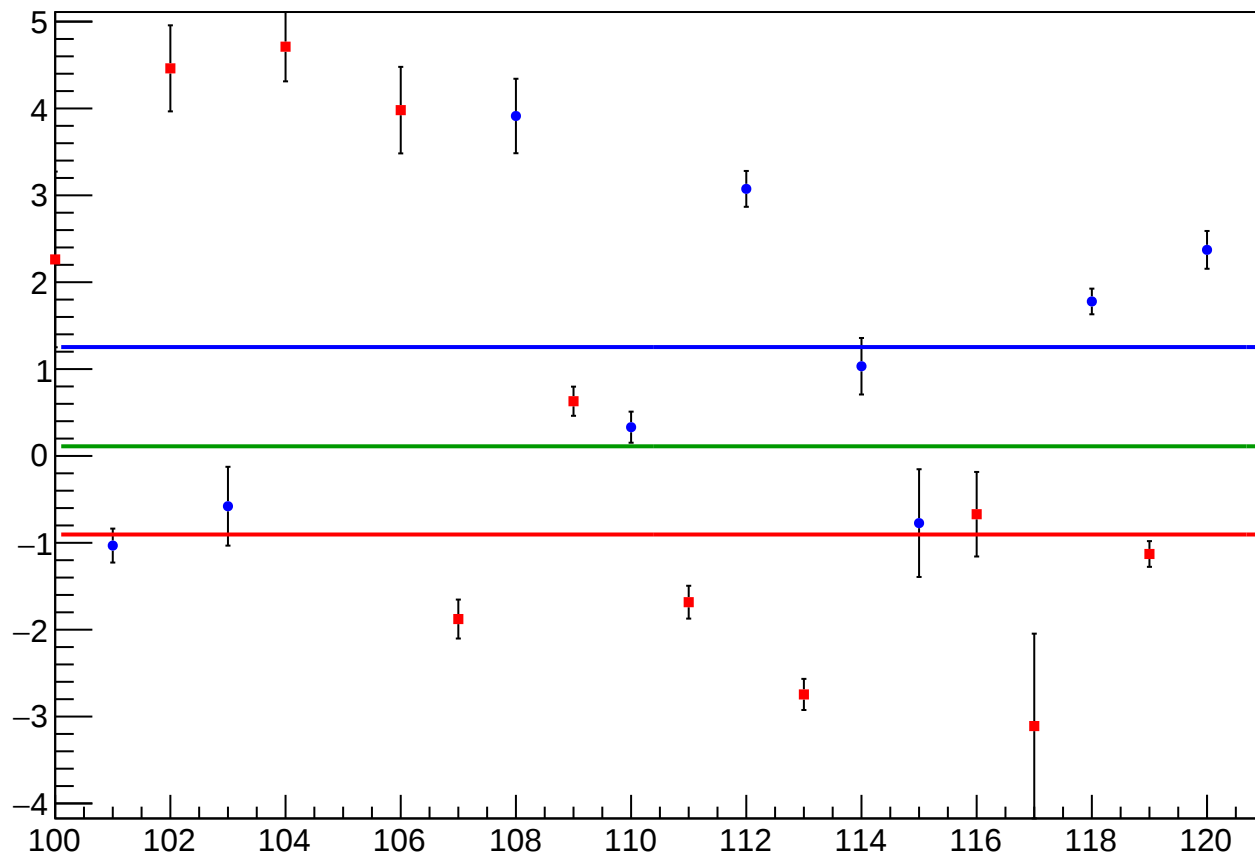
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.826+/-0.121 χ^2/NDF : 357.1/8

-0.469+/-0.076 χ^2/NDF : 1798.4/20

-1.976+/-0.098 χ^2/NDF : 844.2/11

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.253+/-0.077 χ^2/NDF : 346.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.904+/-0.072 χ^2/NDF : 708.3/11

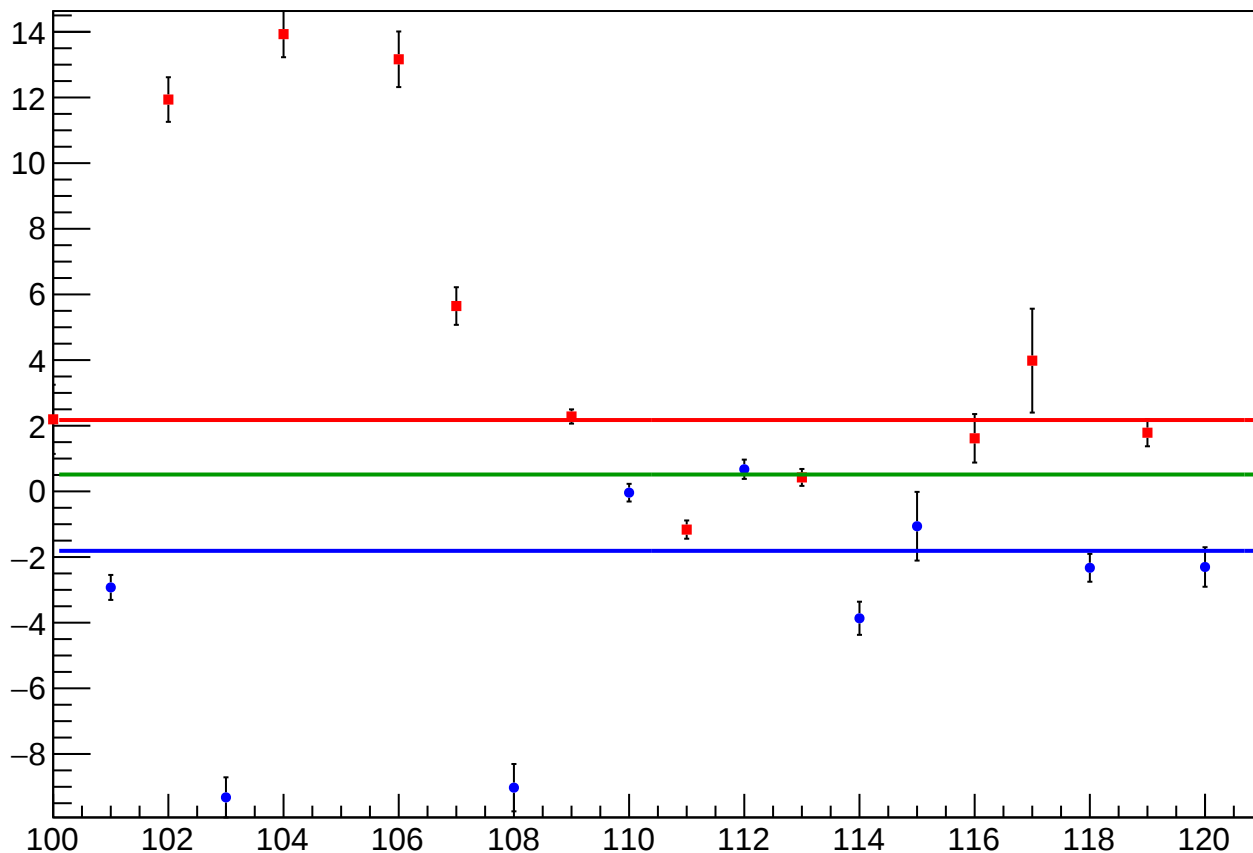
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.253+/-0.077 χ^2/NDF : 346.4/8

0.111+/-0.053 χ^2/NDF : 1474.5/20

-0.904+/-0.072 χ^2/NDF : 708.3/11

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.812+/-0.141 χ^2/NDF : 393.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.174+/-0.119 χ^2/NDF : 883.8/11

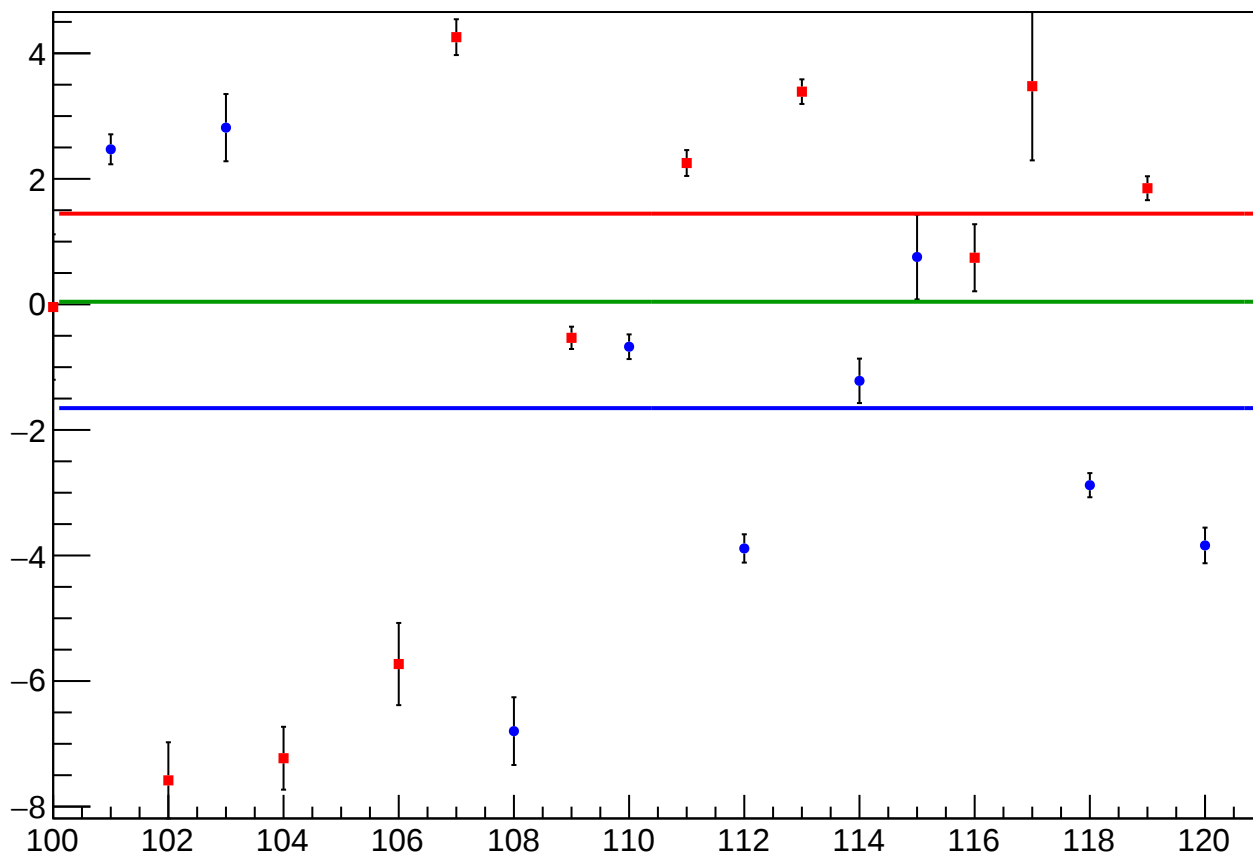
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.812+/-0.141 χ^2/NDF : 393.8/8

0.514+/-0.091 χ^2/NDF : 1741.5/20

2.174+/-0.119 χ^2/NDF : 883.8/11

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.652+/-0.091 χ^2/NDF : 696.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.446+/-0.083 χ^2/NDF : 1054.0/11

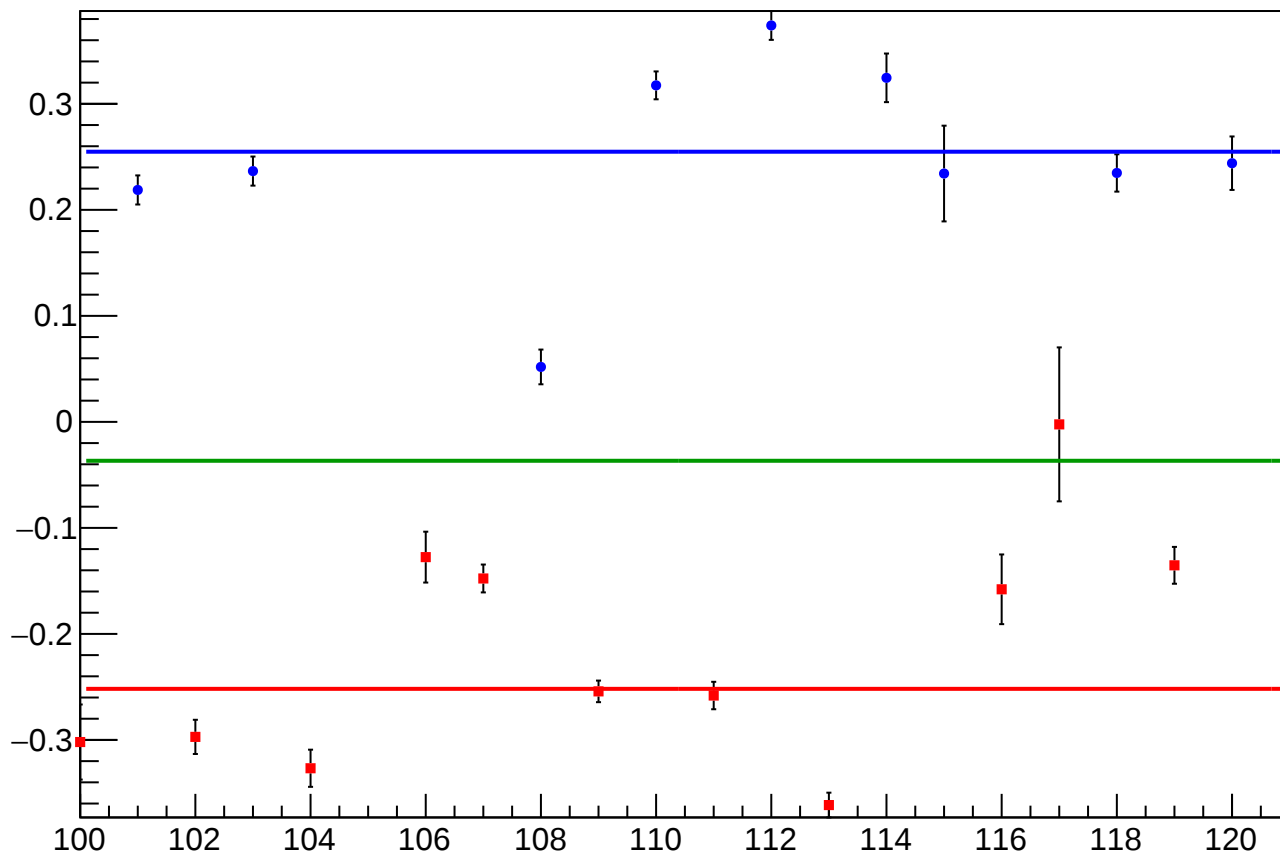
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.652+/-0.091 χ^2/NDF : 696.2/8

0.042+/-0.062 χ^2/NDF : 2378.5/20

1.446+/-0.083 χ^2/NDF : 1054.0/11

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.255+/-0.006 χ^2/NDF : 272.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.252+/-0.005 χ^2/NDF : 271.1/11

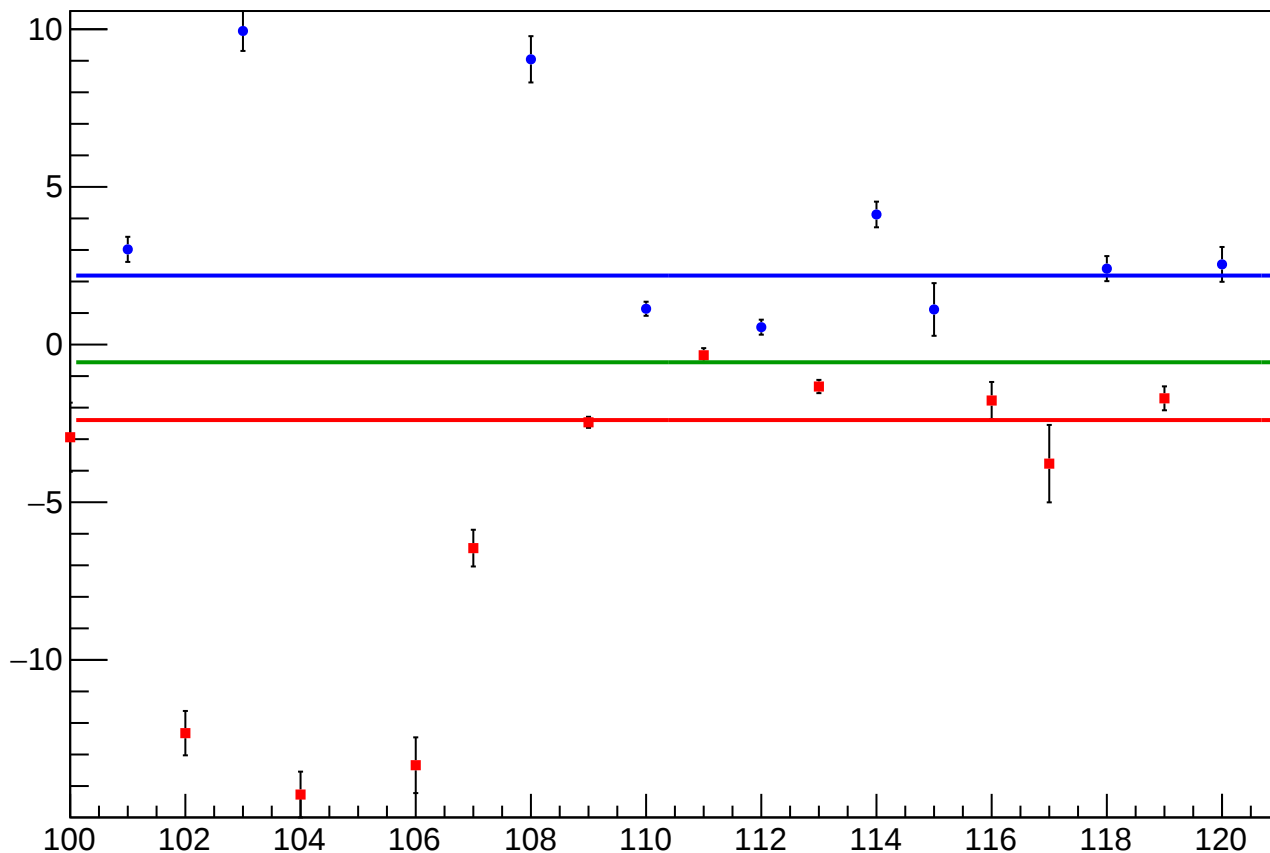
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.255+/-0.006 χ^2/NDF : 272.6/8

-0.037+/-0.004 χ^2/NDF : 5378.6/20

-0.252+/-0.005 χ^2/NDF : 271.1/11

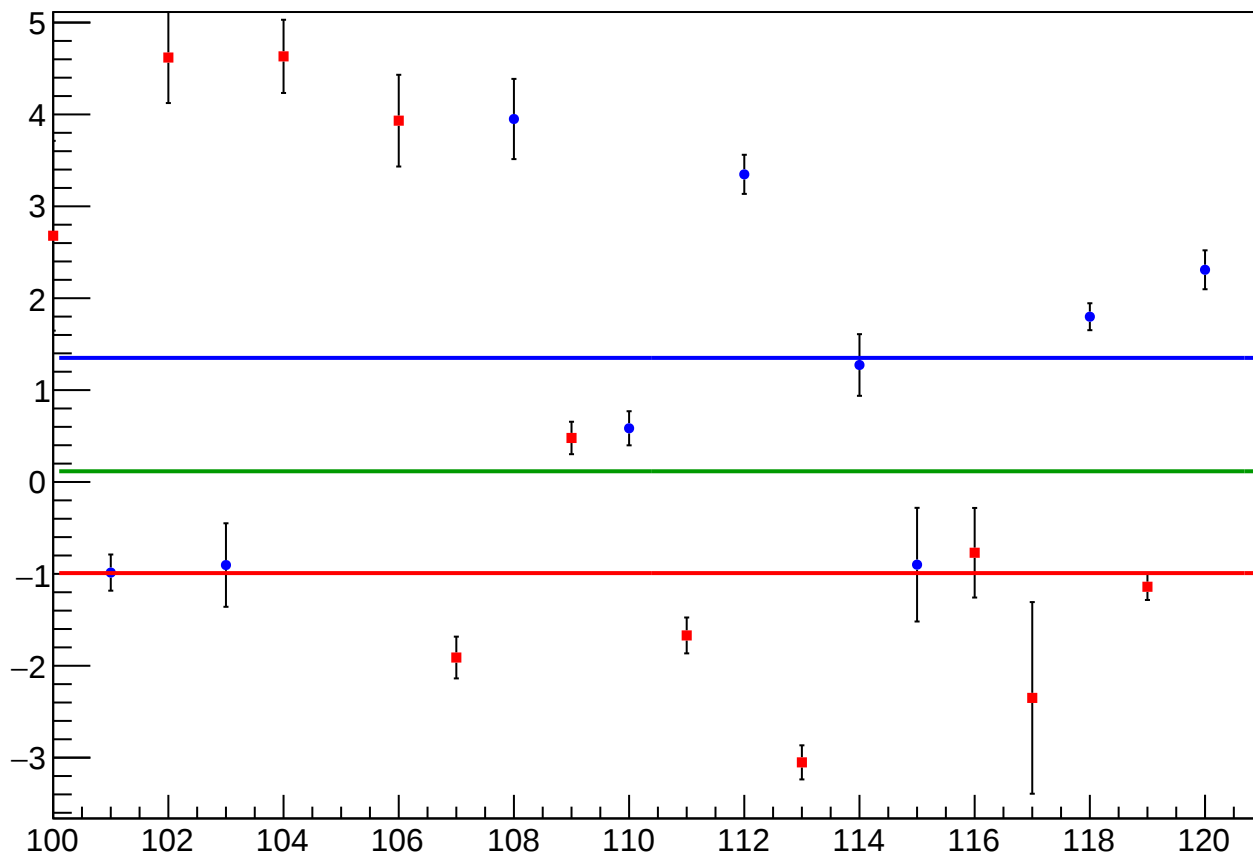
reg_asym_bcm_dg_us_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 2.188 $\pm$ 0.124 χ^2/NDF : 336.4/8
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: -2.394 $\pm$ 0.101 χ^2/NDF : 782.9/11
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

2.188 $\pm$ 0.124 χ^2/NDF : 336.4/8
 -0.561 $\pm$ 0.078 χ^2/NDF : 1944.4/20
 -2.394 $\pm$ 0.101 χ^2/NDF : 782.9/11

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.351+/-0.077 χ^2/NDF : 349.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.992+/-0.073 χ^2/NDF : 722.5/11

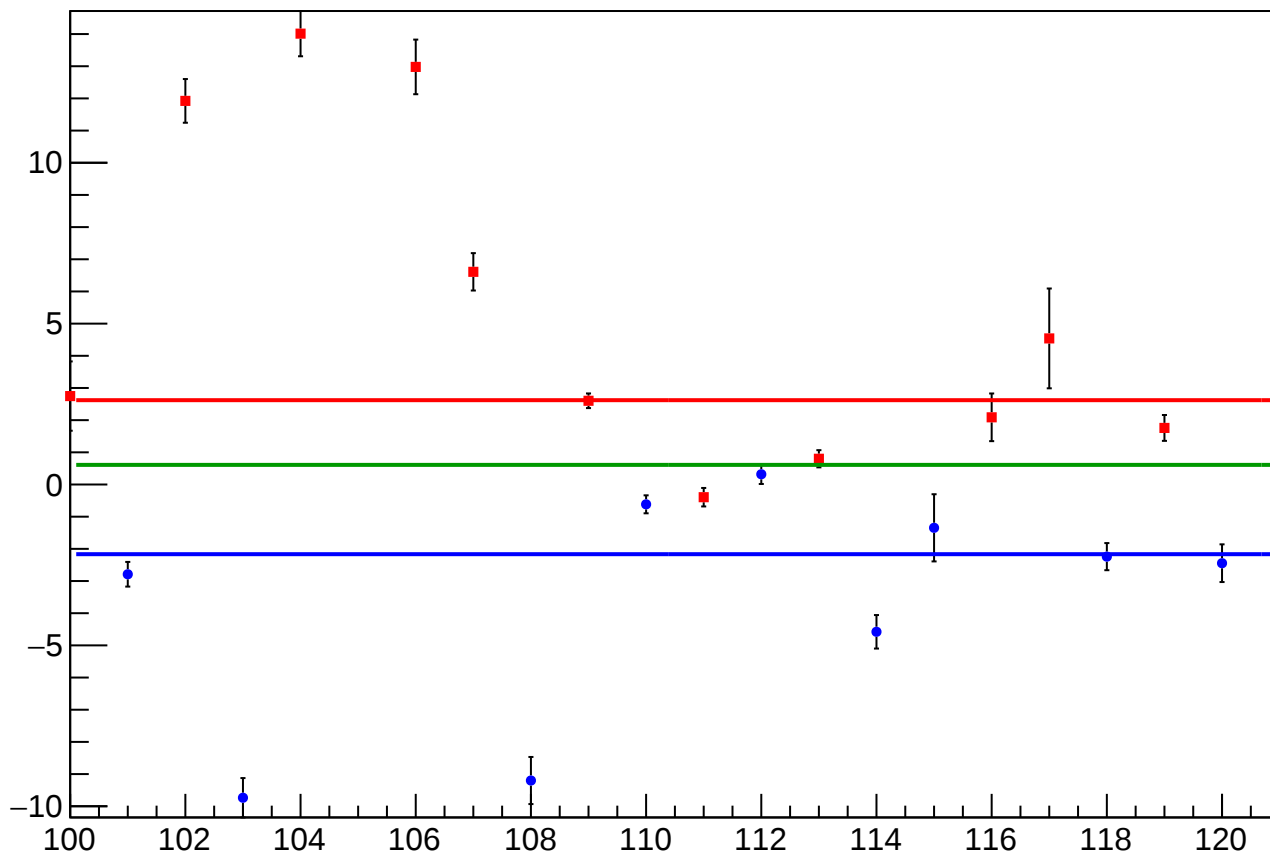
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.351+/-0.077 χ^2/NDF : 349.2/8

0.117+/-0.053 χ^2/NDF : 1555.5/20

-0.992+/-0.073 χ^2/NDF : 722.5/11

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.166+/-0.144 χ^2/NDF : 368.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.621+/-0.123 χ^2/NDF : 810.1/11

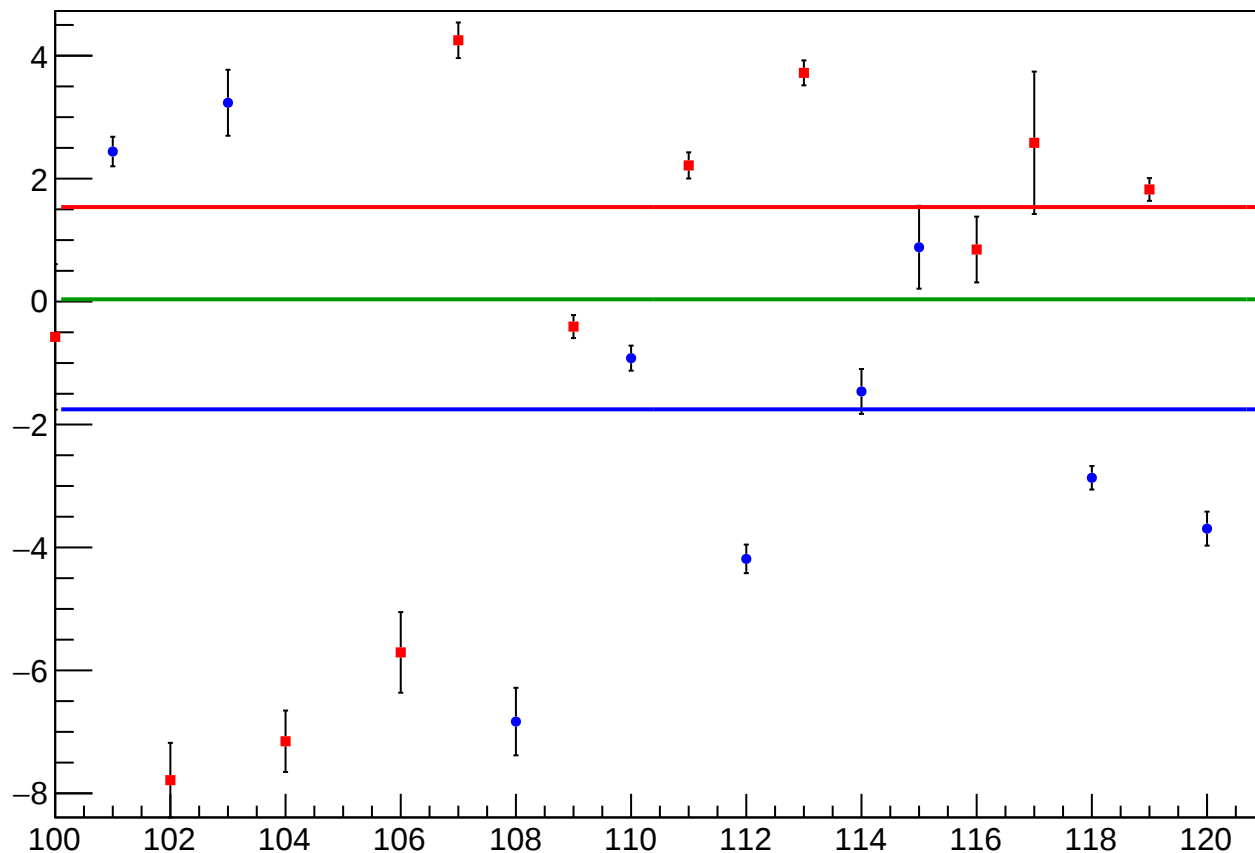
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.166+/-0.144 χ^2/NDF : 368.4/8

0.610+/-0.093 χ^2/NDF : 1818.9/20

2.621+/-0.123 χ^2/NDF : 810.1/11

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.753+/-0.092 χ^2 /NDF: 701.3/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1.537+/-0.085 χ^2 /NDF: 1067.0/11

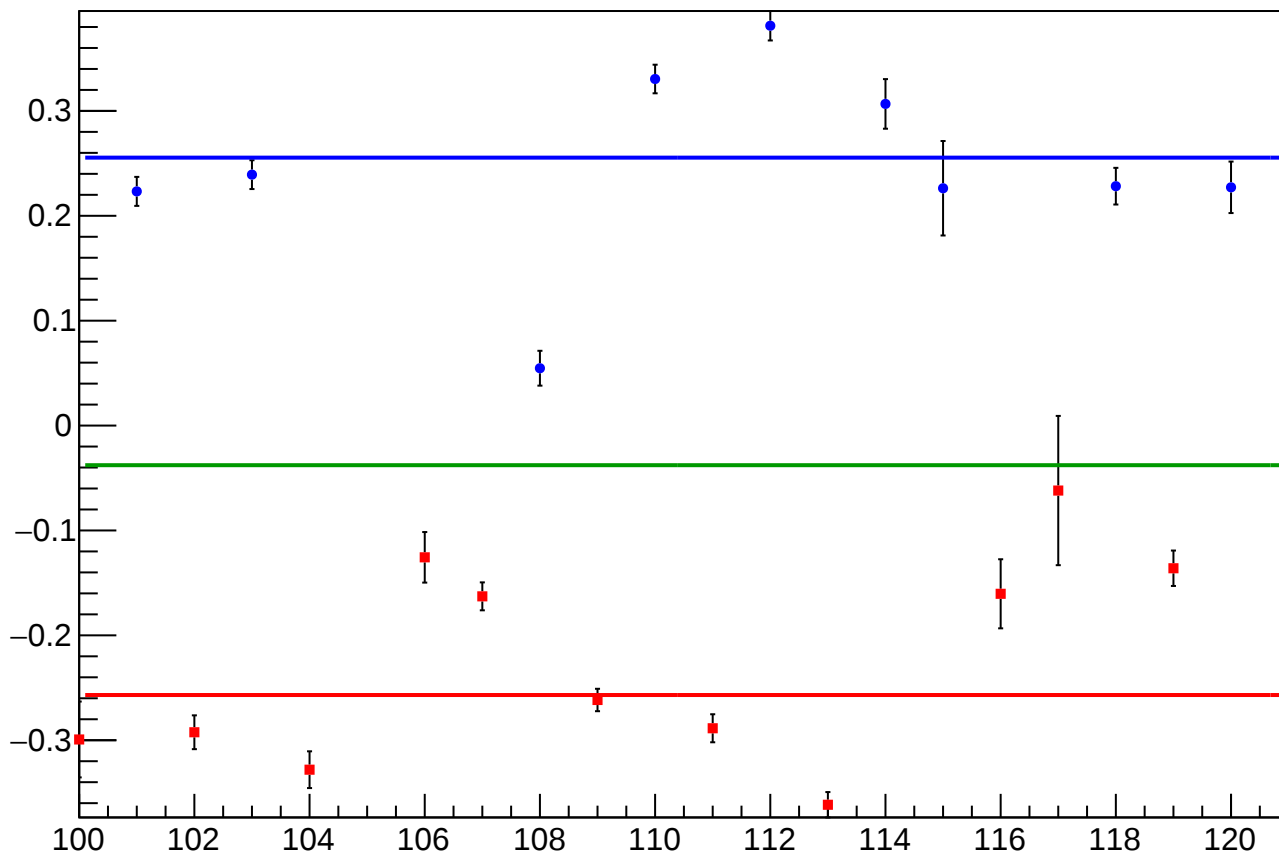
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.753+/-0.092 χ^2 /NDF: 701.3/8

0.037+/-0.062 χ^2 /NDF: 2456.8/20

1.537+/-0.085 χ^2 /NDF: 1067.0/11

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.255+/-0.006 χ^2/NDF : 272.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.257+/-0.005 χ^2/NDF : 250.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.255+/-0.006 χ^2/NDF : 272.3/8

-0.038+/-0.004 χ^2/NDF : 5305.2/20

-0.257+/-0.005 χ^2/NDF : 250.6/11