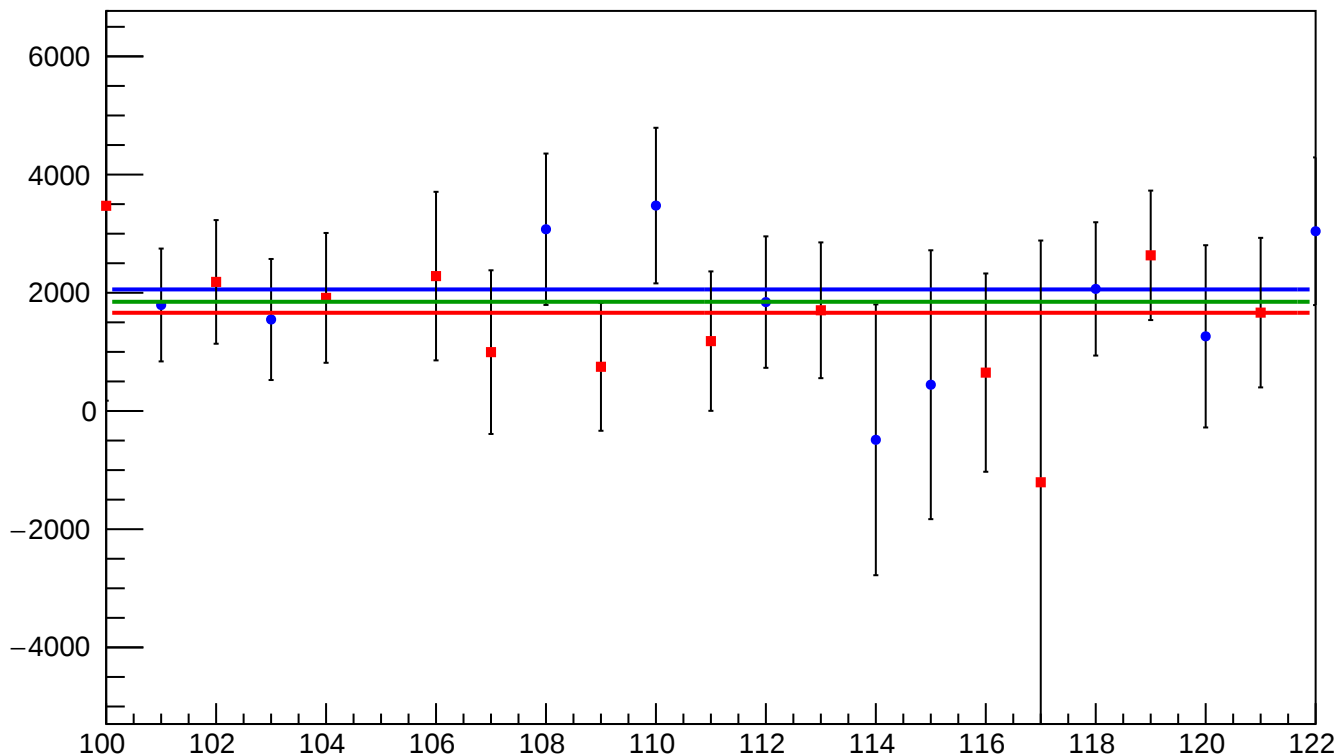


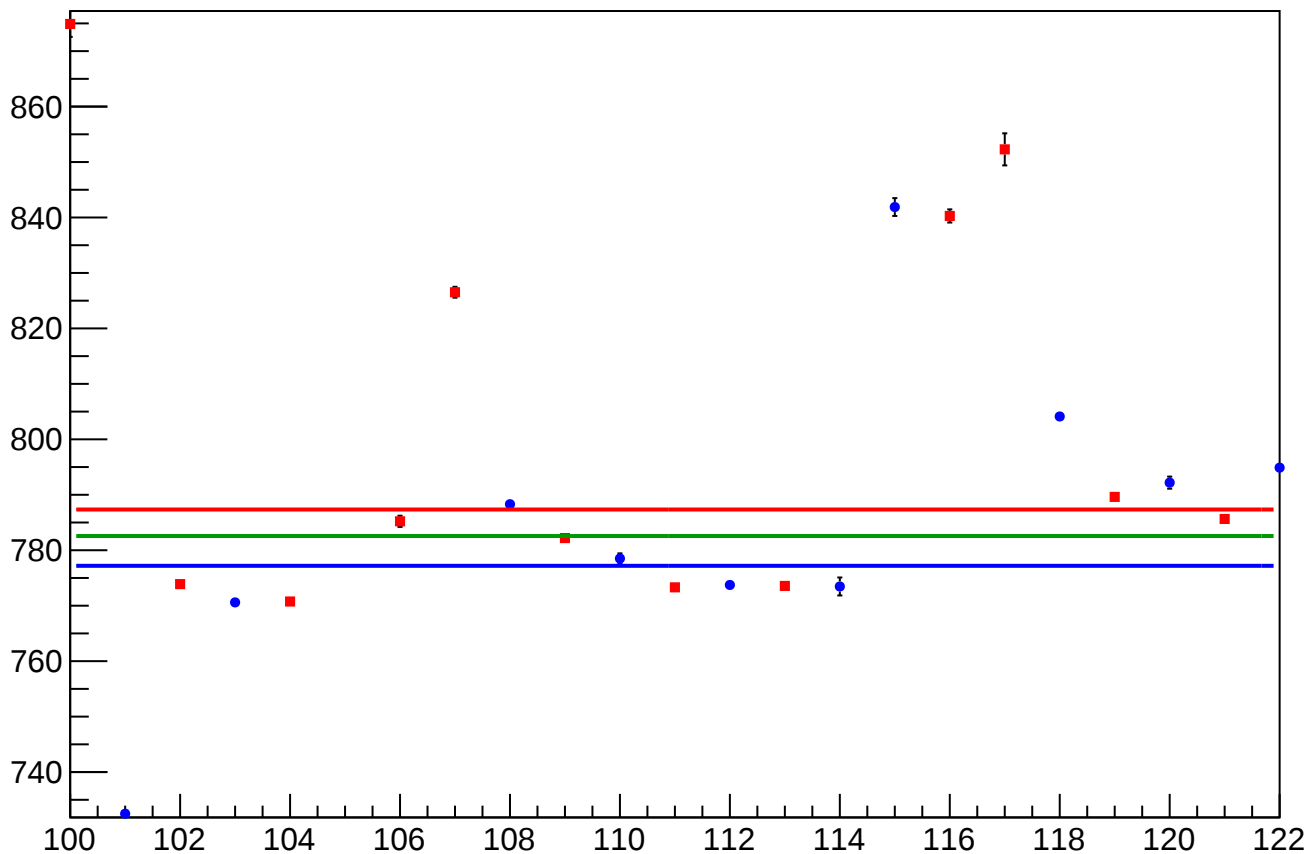
reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2056.839+/-399.119 χ^2/NDF : 4.8/9
 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

2056.839+/-399.119 χ^2/NDF : 4.8/9
 1847.828+/-273.906 χ^2/NDF : 8.8/21
 1661.751+/-376.585 χ^2/NDF : 3.5/11

reg_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 777.193+/-0.282 χ^2/NDF : 7994.4/9

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

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

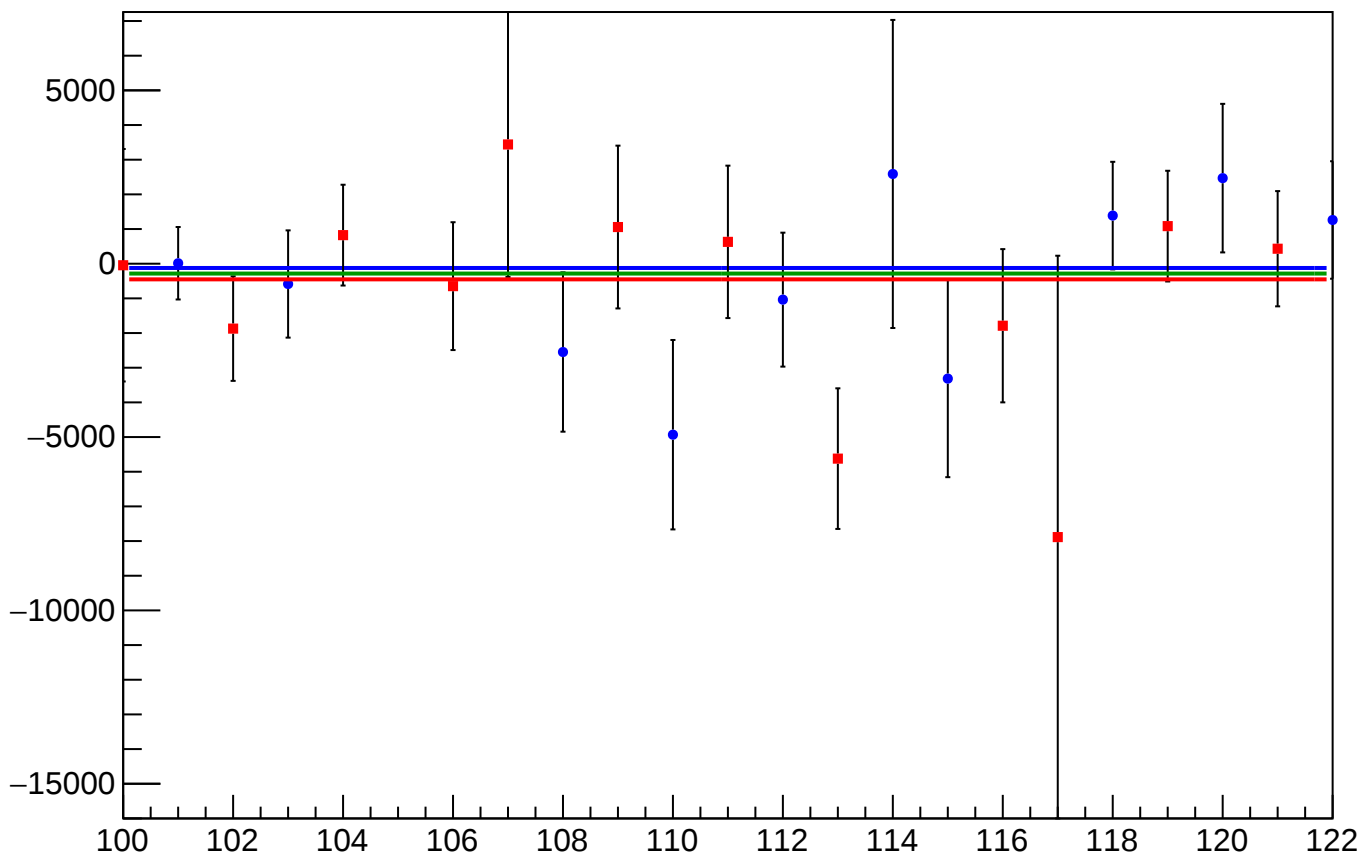
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

777.193+/-0.282 χ^2/NDF : 7994.4/9

782.563+/-0.194 χ^2/NDF : 15605.5/21

787.344+/-0.266 χ^2/NDF : 6926.6/11

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -123.068+/-569.727 χ^2 /NDF: 9.3/9

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

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

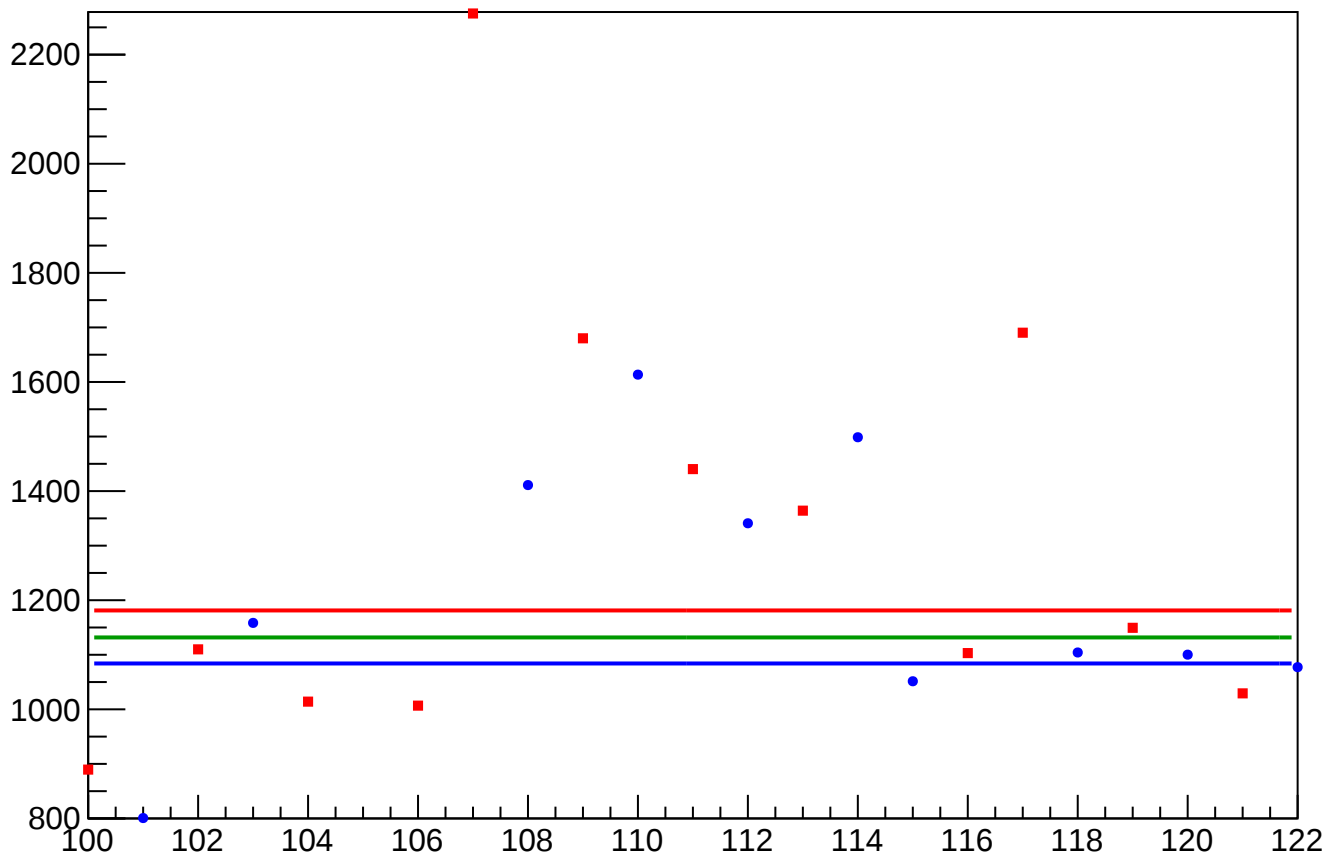
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-123.068+/-569.727 χ^2 /NDF: 9.3/9

-284.381+/-406.503 χ^2 /NDF: 21.7/21

-451.668+/-580.179 χ^2 /NDF: 12.3/11

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1084.044+/-0.403 χ^2/NDF : 320771.8/9

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

Right Out: 1181.248+/-0.410 χ^2/NDF : 390267.7/11

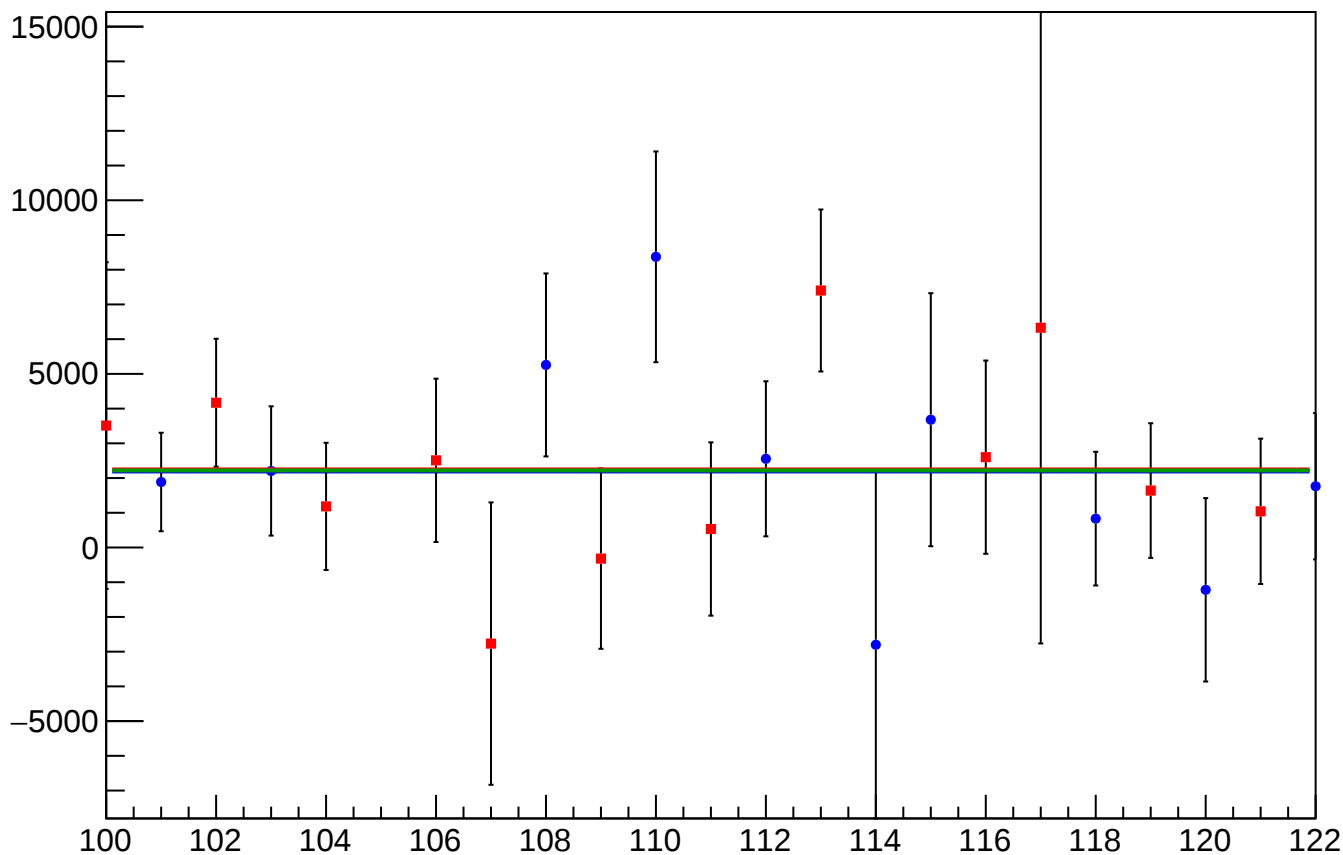
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1084.044+/-0.403 χ^2/NDF : 320771.8/9

1131.763+/-0.287 χ^2/NDF : 739619.6/21

1181.248+/-0.410 χ^2/NDF : 390267.7/11

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2190.301+/-708.443 χ^2/NDF : 8.9/9

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

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

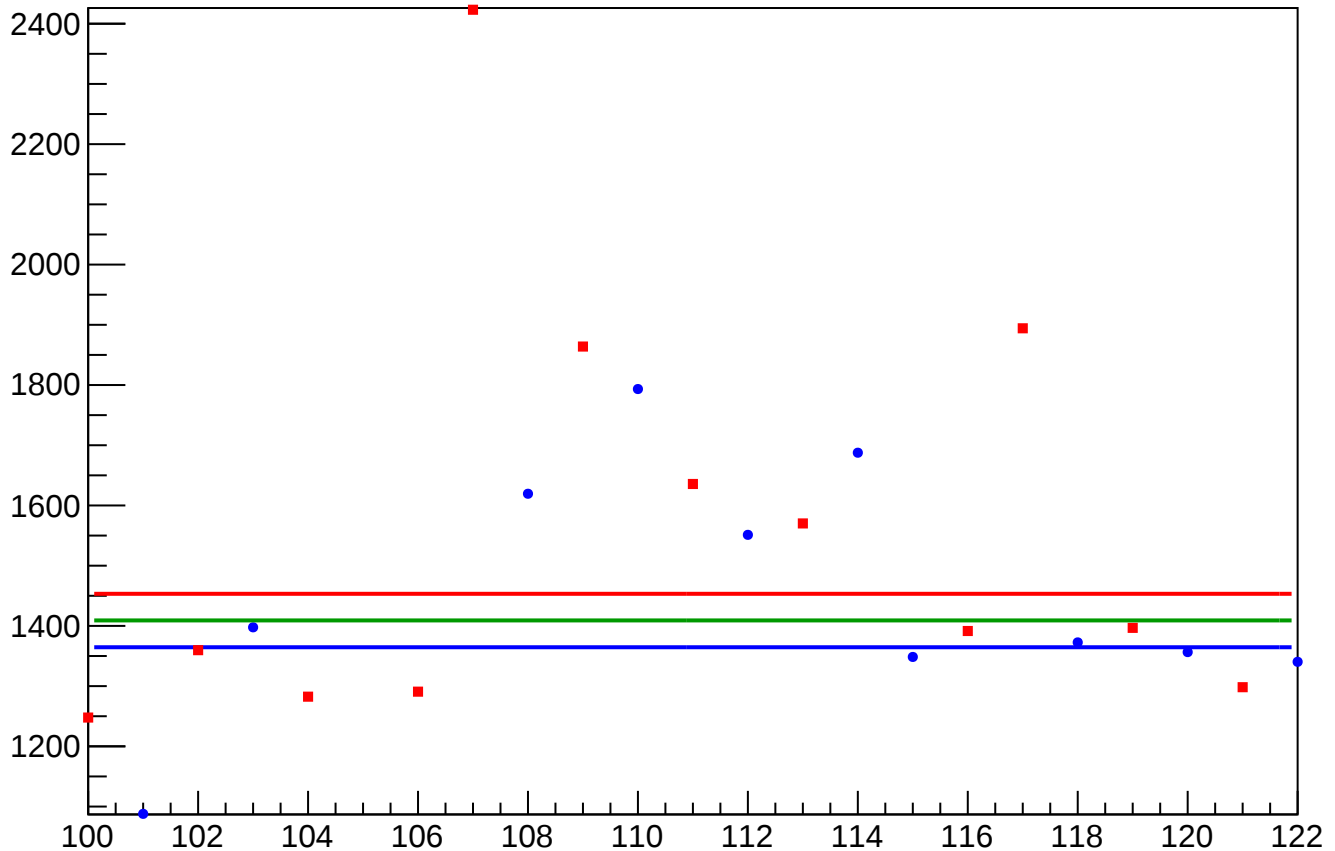
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2190.301+/-708.443 χ^2/NDF : 8.9/9

2219.087+/-500.020 χ^2/NDF : 19.0/21

2247.661+/-705.834 χ^2/NDF : 10.0/11

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1364.554 $\pm$ 0.501 χ^2 /NDF: 158056.3/9

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

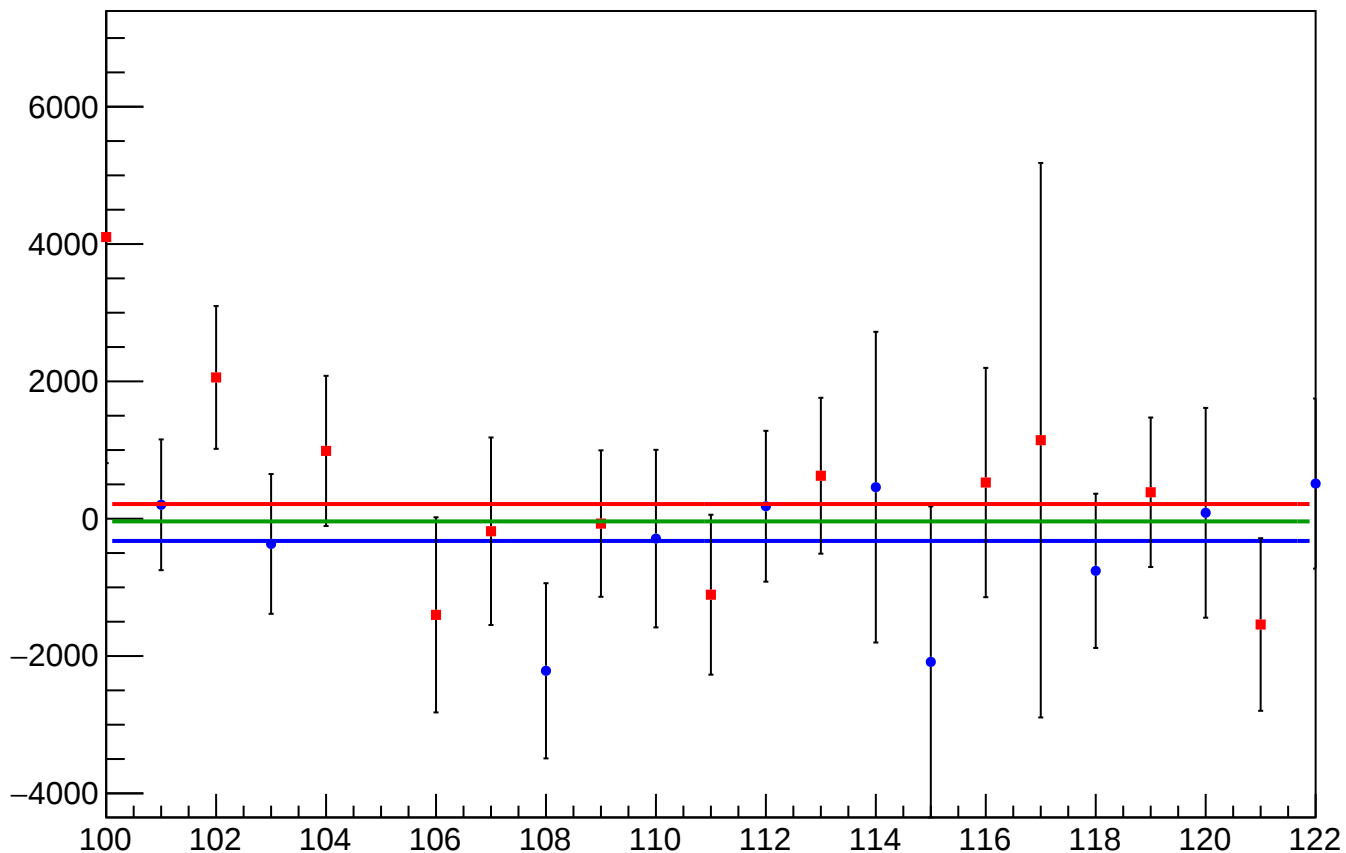
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1364.554 $\pm$ 0.501 χ^2 /NDF: 158056.3/9

1409.091 $\pm$ 0.354 χ^2 /NDF: 407544.4/21

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

reg_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -323.726+/-396.138 χ^2/NDF : 4.1/9

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

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

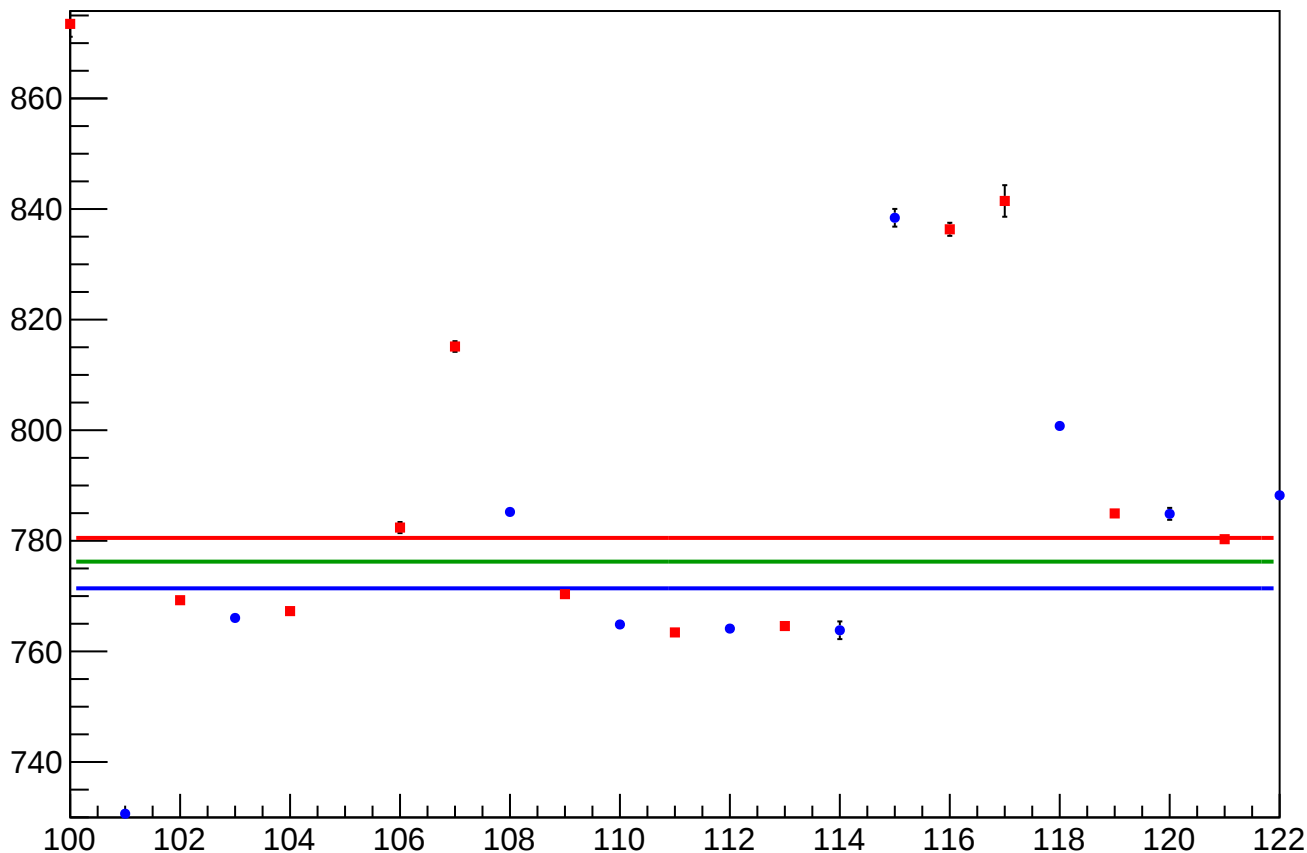
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-323.726+/-396.138 χ^2/NDF : 4.1/9

-39.255+/-271.687 χ^2/NDF : 15.1/21

213.394+/-373.323 χ^2/NDF : 10.0/11

reg_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 771.406 $\pm$ 0.280 χ^2 /NDF: 7758.2/9

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

Right Out: 780.523 $\pm$ 0.264 χ^2 /NDF: 7140.8/11

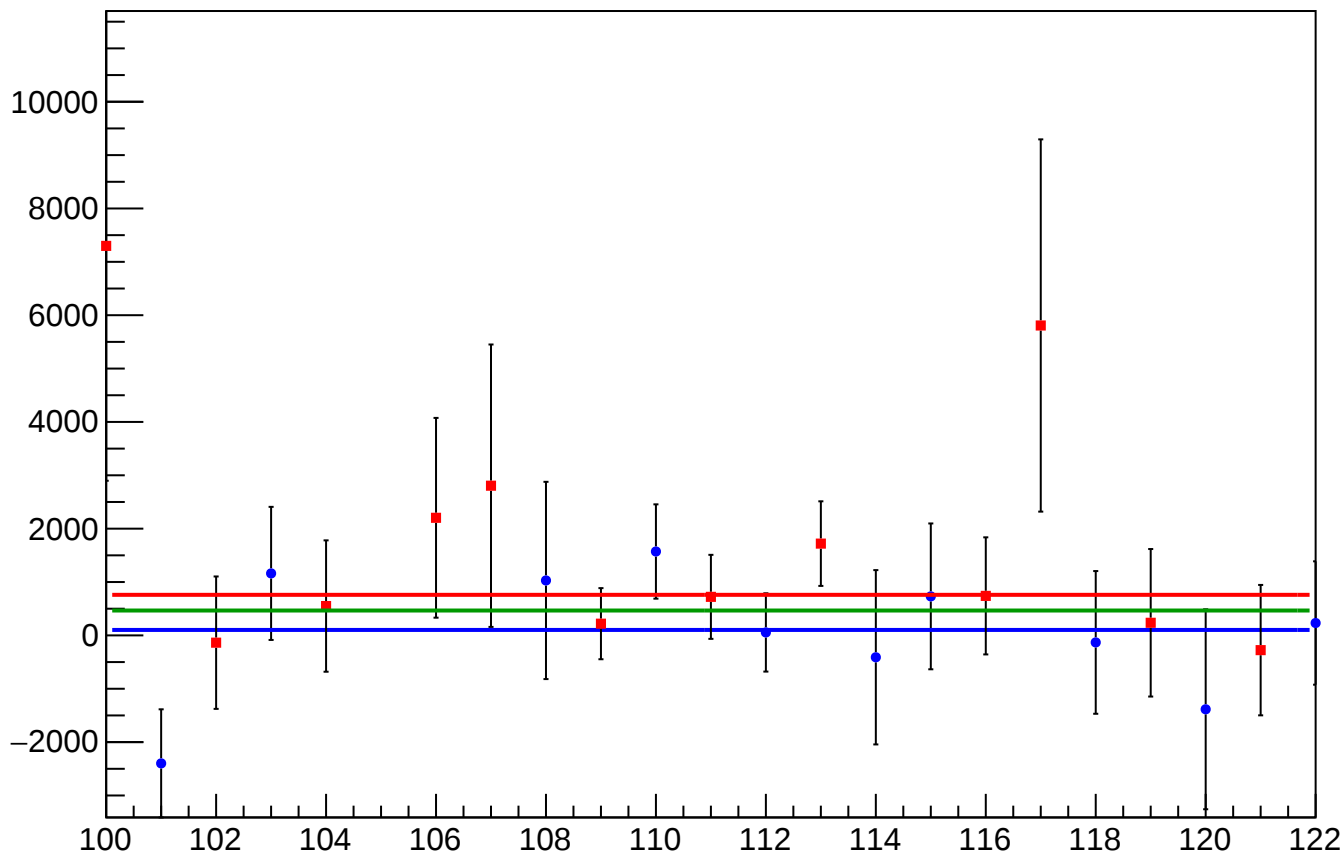
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

771.406 $\pm$ 0.280 χ^2 /NDF: 7758.2/9

776.235 $\pm$ 0.192 χ^2 /NDF: 15460.0/21

780.523 $\pm$ 0.264 χ^2 /NDF: 7140.8/11

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: 102.143+/-363.888 χ^2/NDF : 10.8/9

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

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

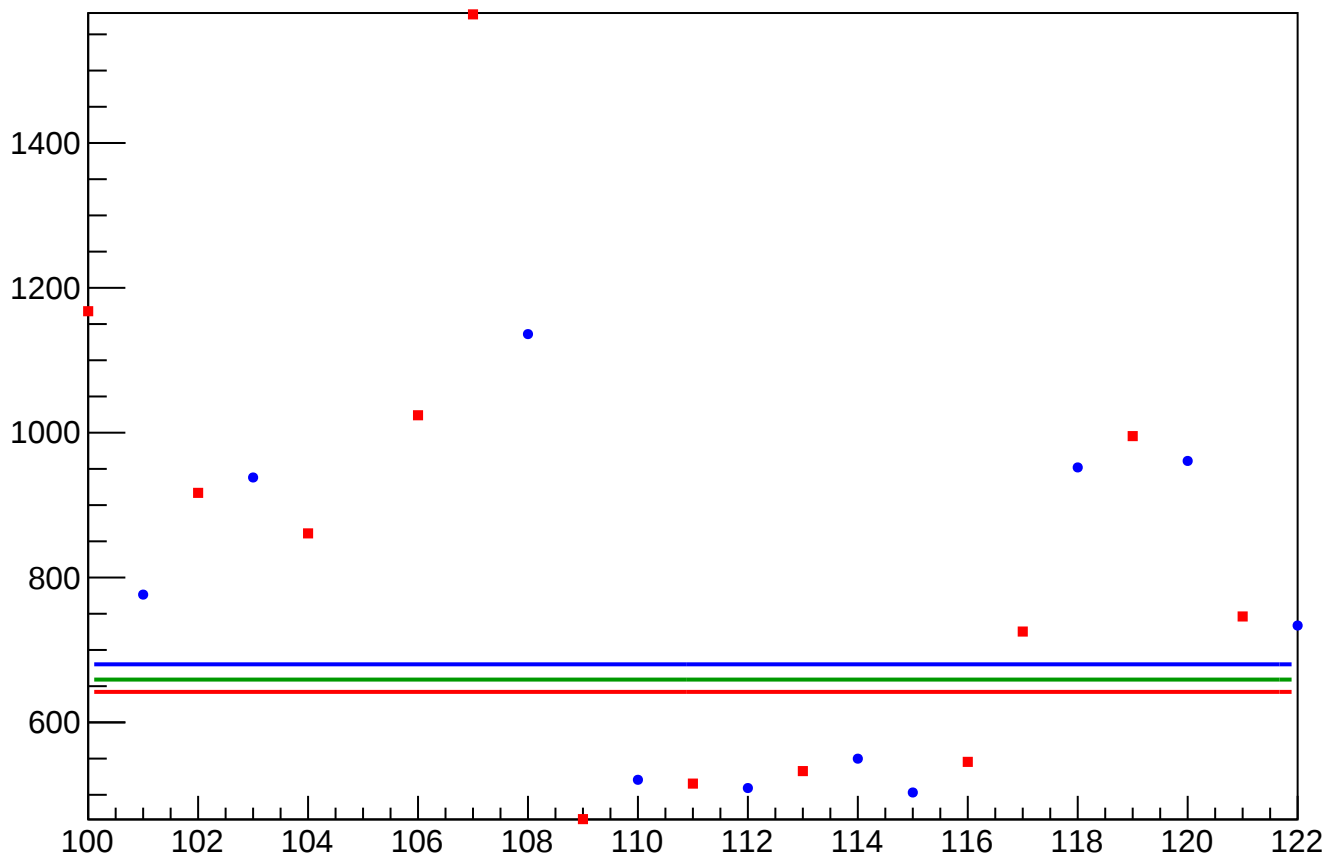
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

102.143+/-363.888 χ^2/NDF : 10.8/9

466.137+/-243.216 χ^2/NDF : 21.7/21

760.043+/-326.983 χ^2/NDF : 9.0/11

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 680.170+/-0.257 χ^2/NDF : 577140.0/9

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

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

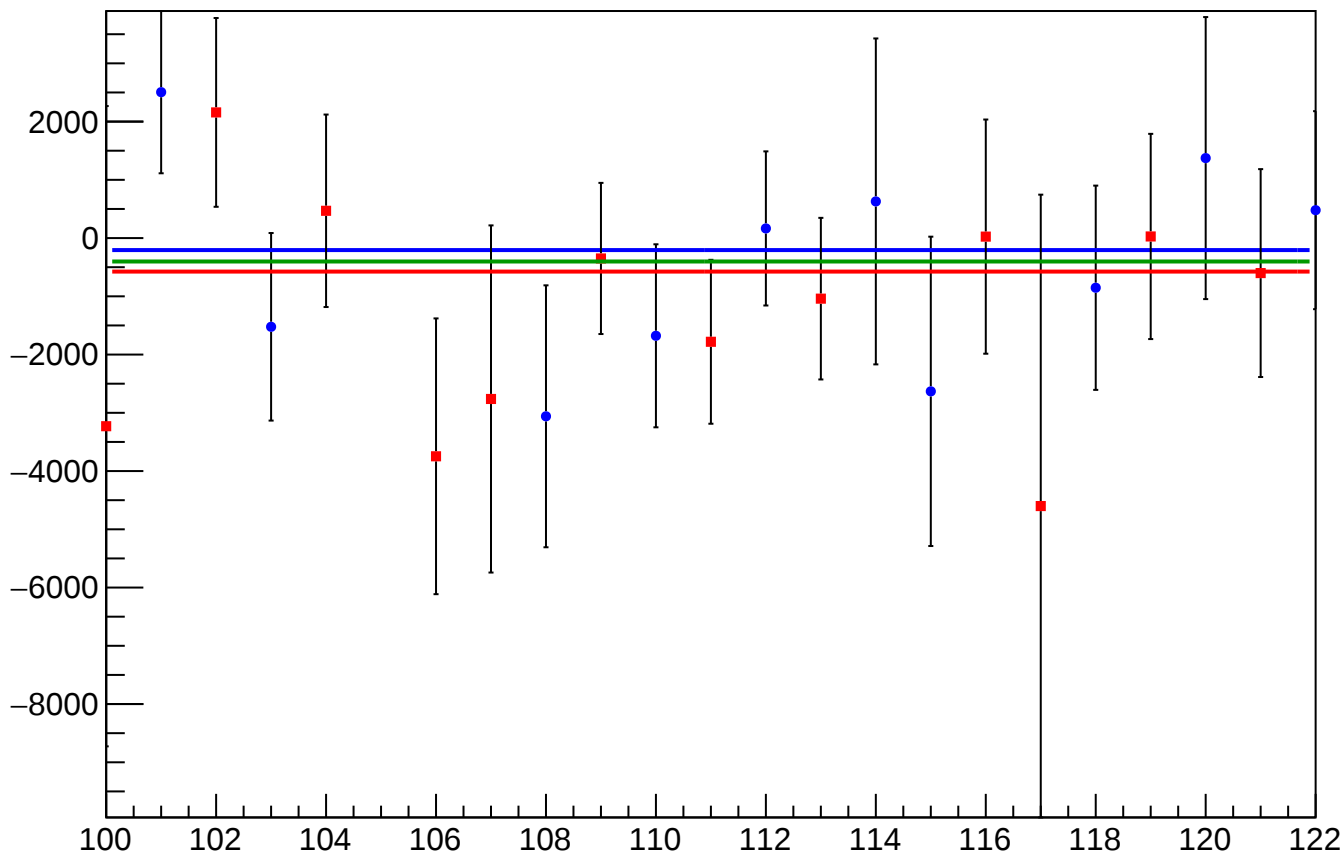
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

680.170+/-0.257 χ^2/NDF : 577140.0/9

659.109+/-0.172 χ^2/NDF : 1502937.4/21

642.104+/-0.231 χ^2/NDF : 913688.5/11

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -206.024+/-560.166 χ^2/NDF : 8.7/9

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

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

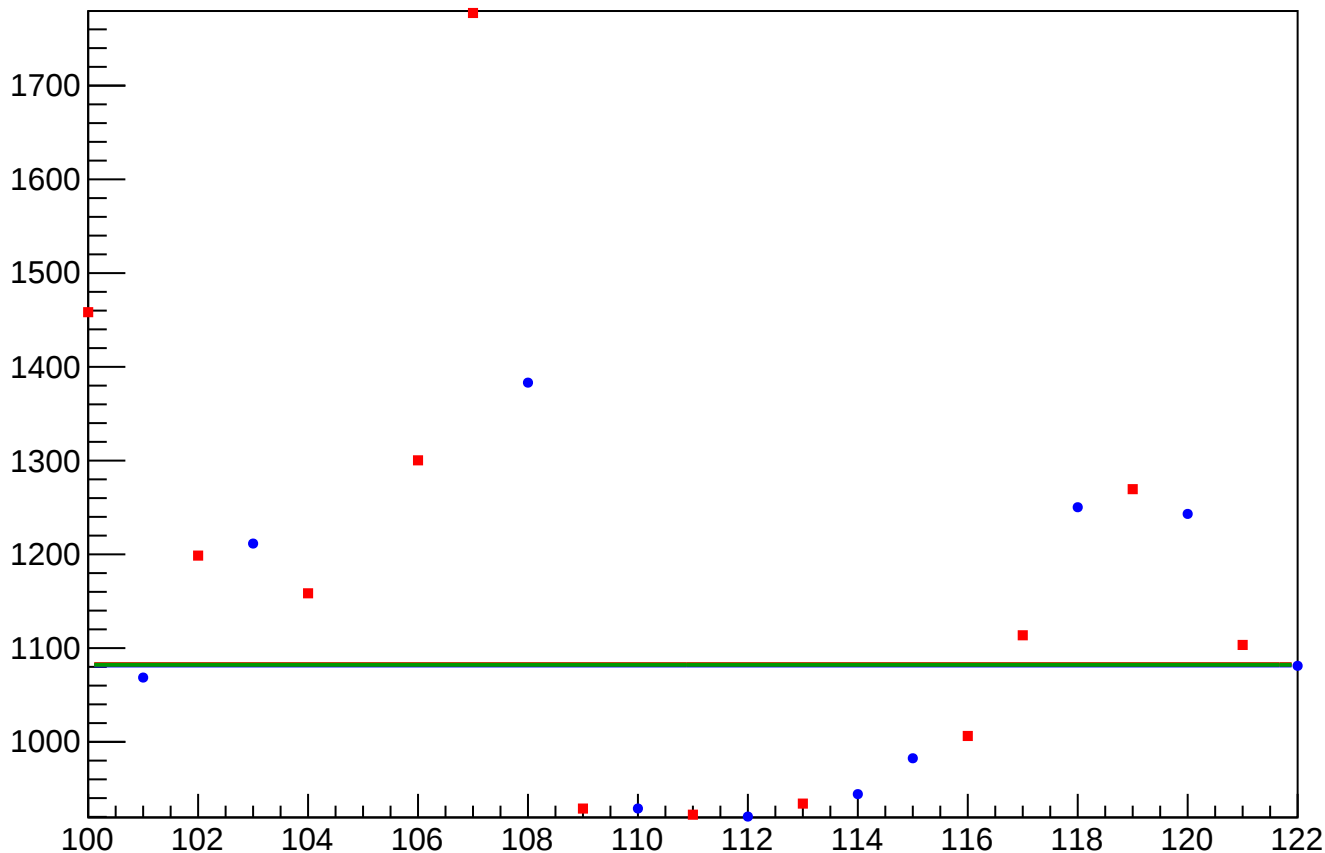
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-206.024+/-560.166 χ^2/NDF : 8.7/9

-402.021+/-383.610 χ^2/NDF : 16.4/21

-575.114+/-526.418 χ^2/NDF : 7.5/11

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1081.508 $\pm$ 0.396 χ^2 /NDF: 132807.7/9

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

Right Out: 1082.890 $\pm$ 0.372 χ^2 /NDF: 252159.8/11

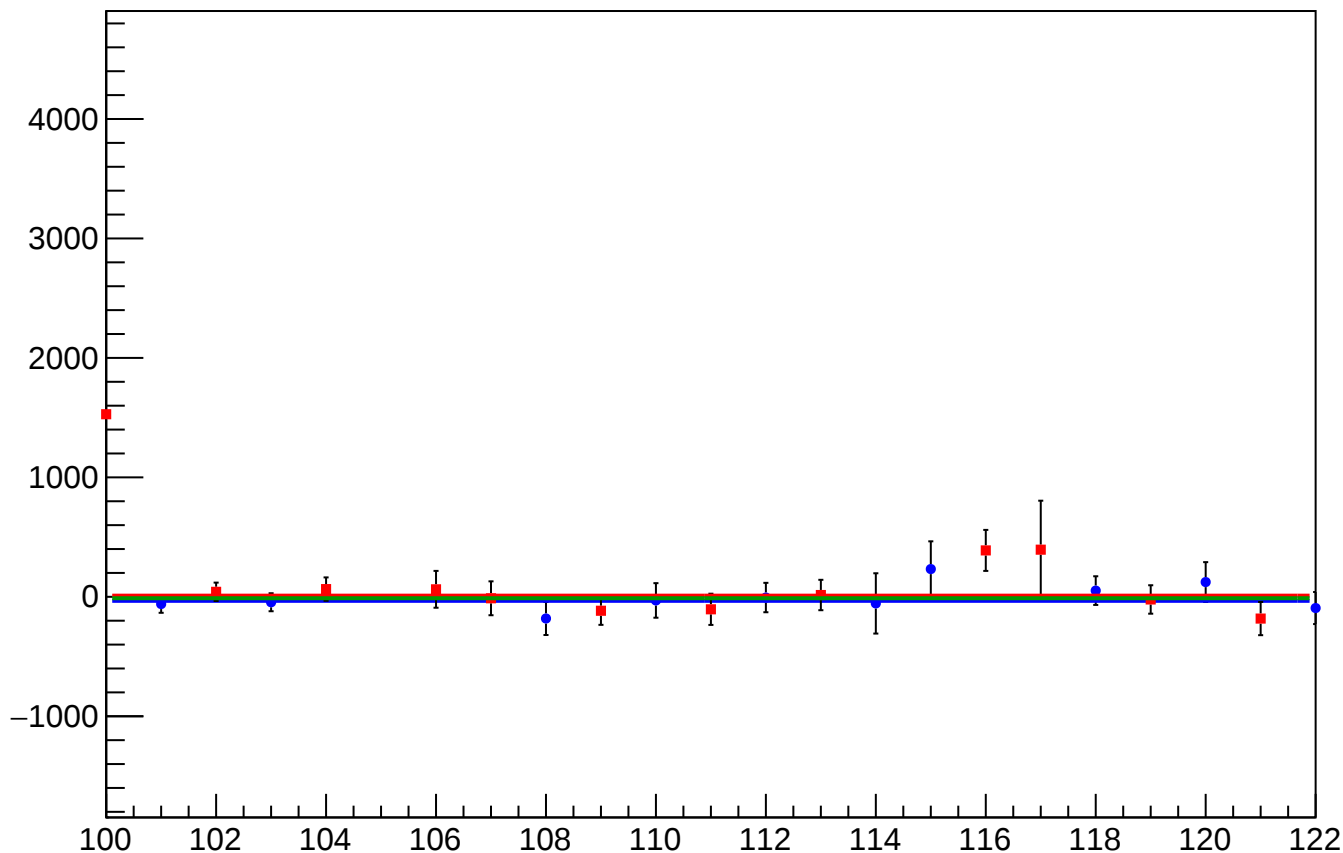
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1081.508 $\pm$ 0.396 χ^2 /NDF: 132807.7/9

1082.242 $\pm$ 0.271 χ^2 /NDF: 384973.9/21

1082.890 $\pm$ 0.372 χ^2 /NDF: 252159.8/11

reg_asym_ds_avg_mean vs Slug, Sign Corrected



Right In: -33.533+/-37.195 χ^2 /NDF: 4.3/9

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

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

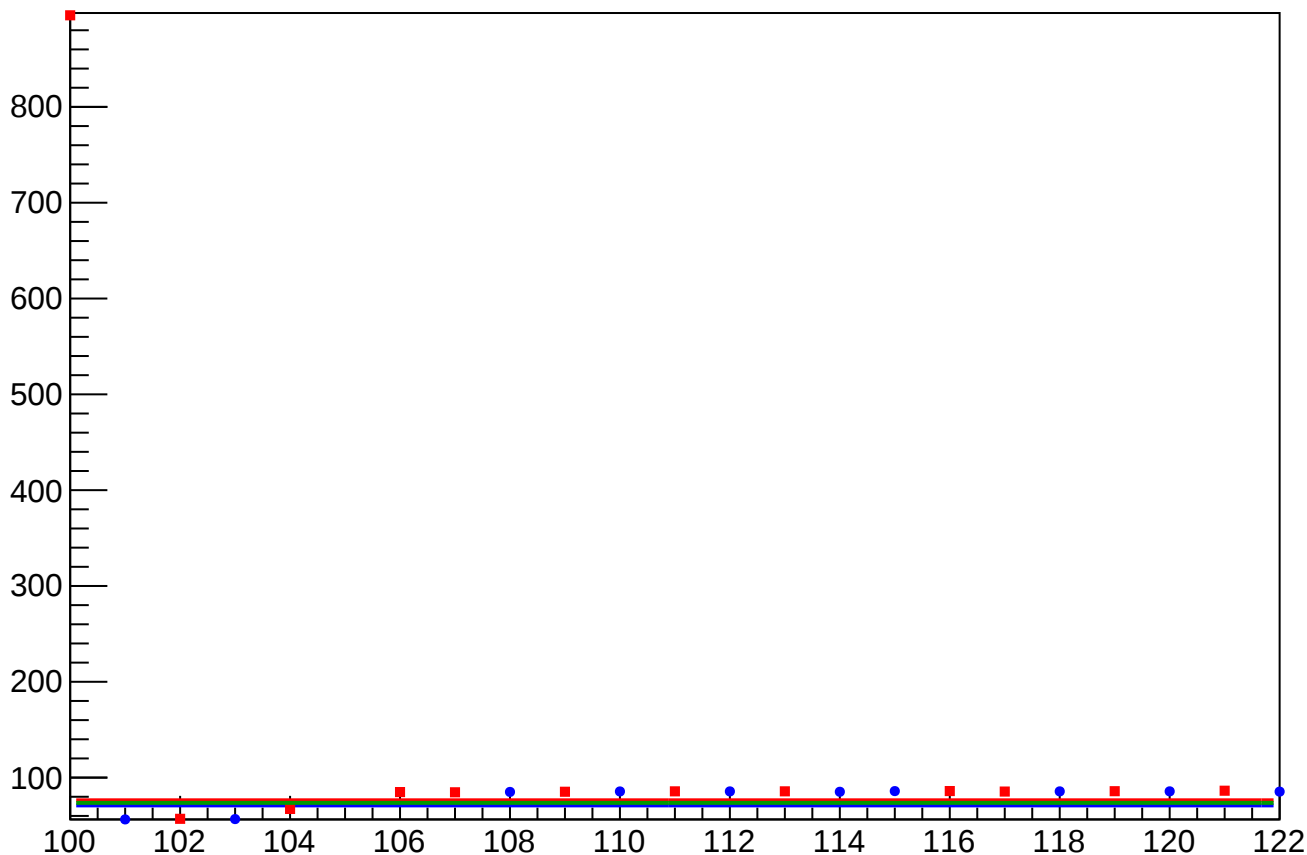
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-33.533+/-37.195 χ^2 /NDF: 4.3/9

-11.985+/-26.332 χ^2 /NDF: 15.4/21

9.666+/-37.284 χ^2 /NDF: 10.5/11

reg_asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 71.016+/-0.026 χ^2/NDF : 303119.9/9

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

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

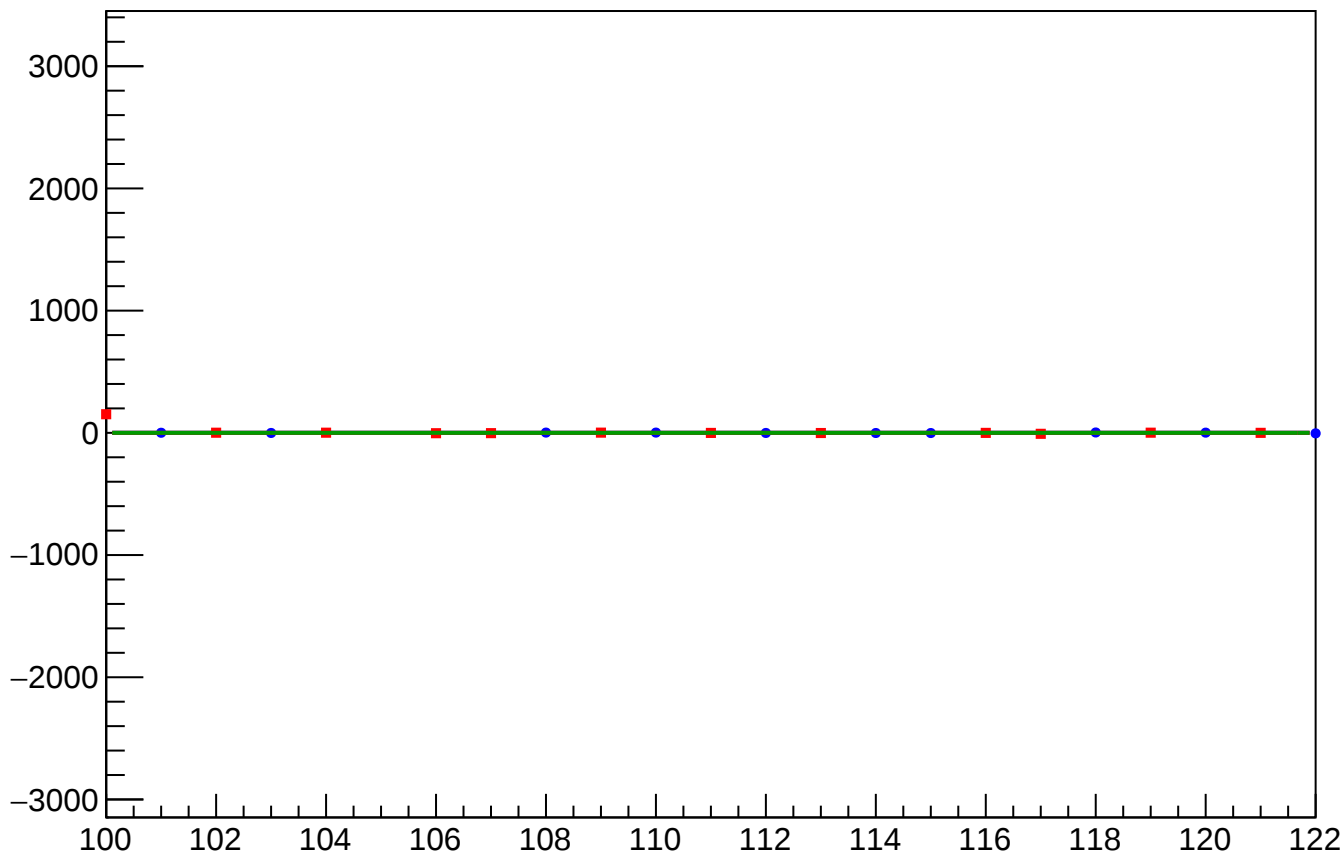
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

71.016+/-0.026 χ^2/NDF : 303119.9/9

73.648+/-0.019 χ^2/NDF : 660106.6/21

76.292+/-0.026 χ^2/NDF : 336916.3/11

asym_ds_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.315+/-0.613 χ^2/NDF : 8.4/9

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

Right Out: 0.117+/-0.652 χ^2/NDF : 5.8/11

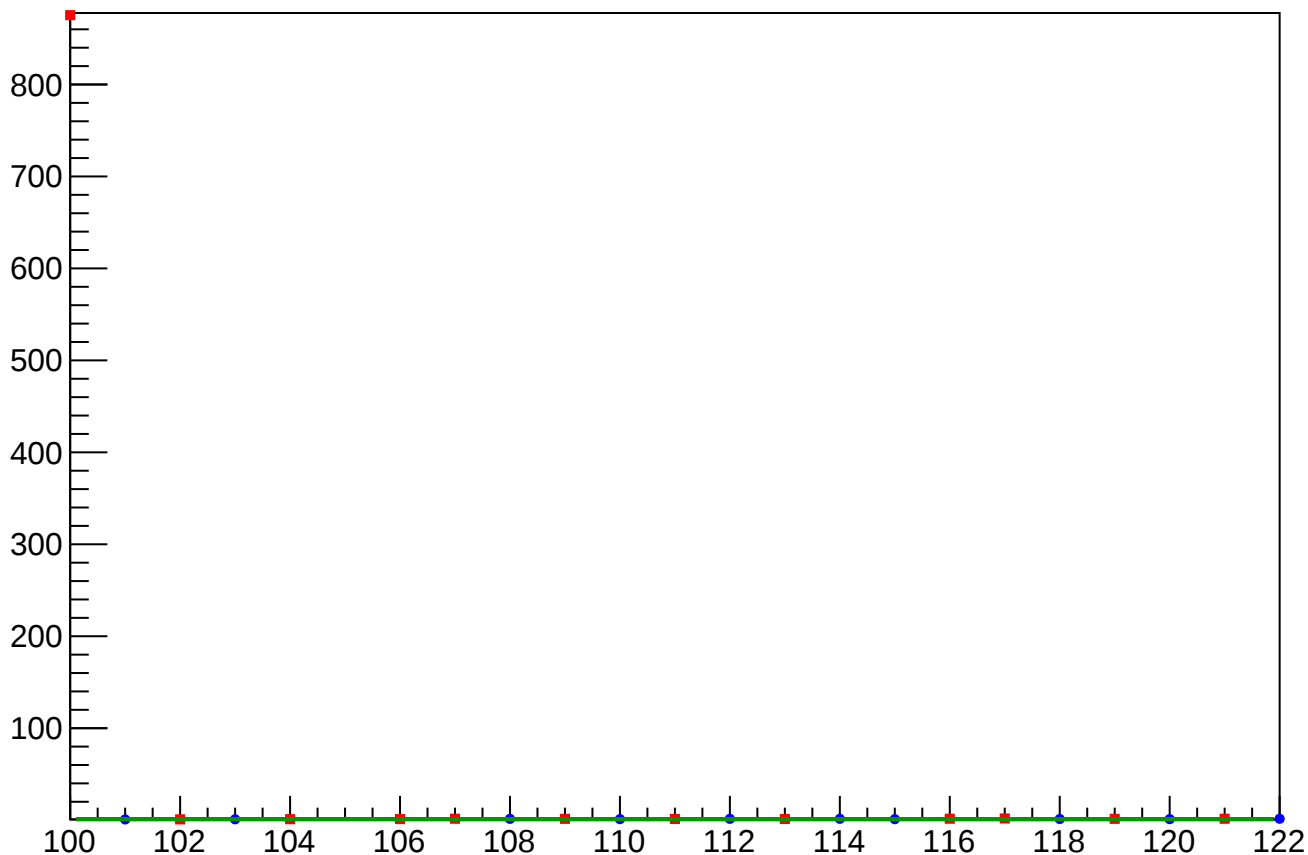
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.315+/-0.613 χ^2/NDF : 8.4/9

0.222+/-0.447 χ^2/NDF : 14.2/21

0.117+/-0.652 χ^2/NDF : 5.8/11

asym_ds_avg_correction_rms vs Slug, Sign Corrected



Right In: 1.069+/-0.000 χ^2/NDF : 351893.7/9

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

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

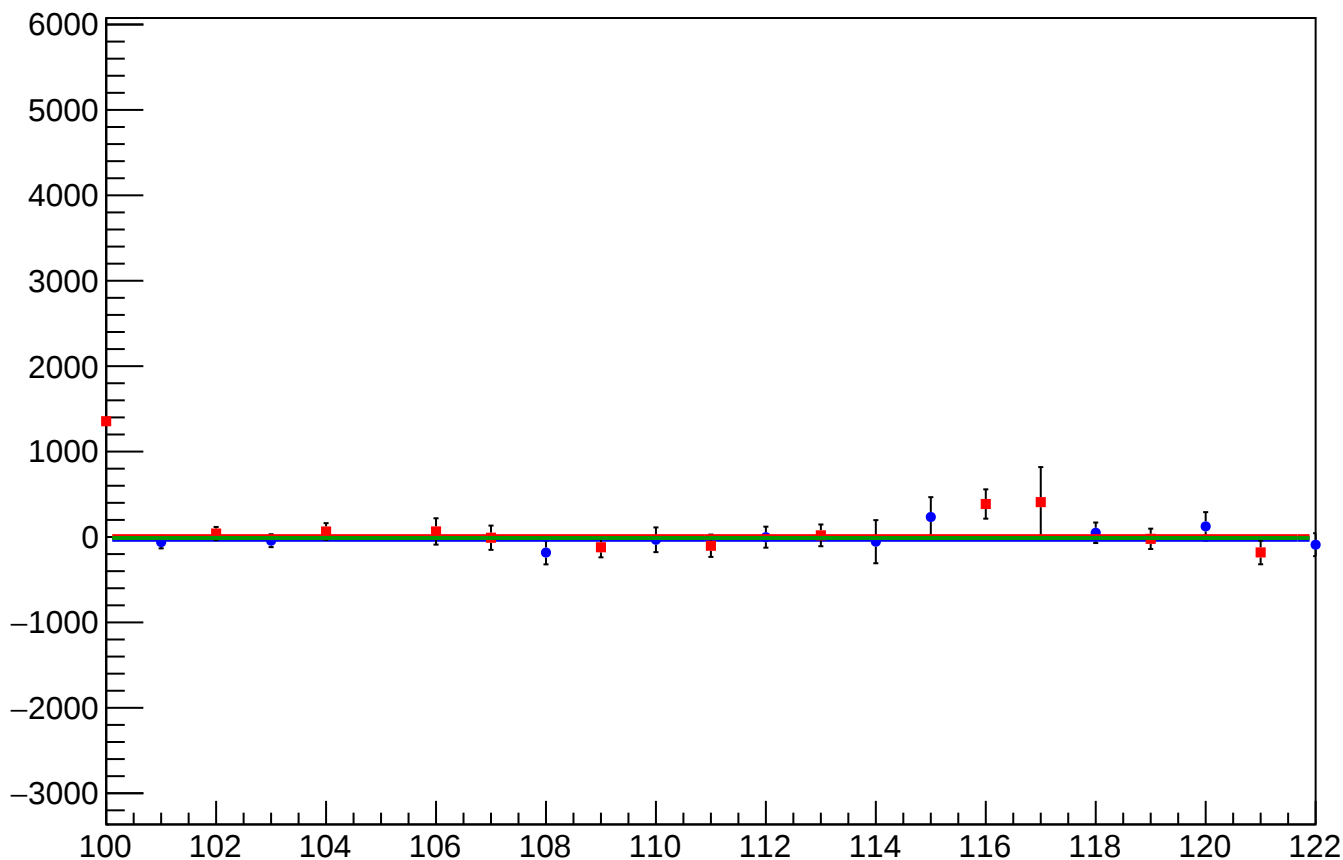
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.069+/-0.000 χ^2/NDF : 351893.7/9

1.143+/-0.000 χ^2/NDF : 828997.1/21

1.227+/-0.000 χ^2/NDF : 415506.4/11

asym_ds_avg_mean vs Slug, Sign Corrected



Right In: -32.606+/-37.204 χ^2 /NDF: 4.3/9

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

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

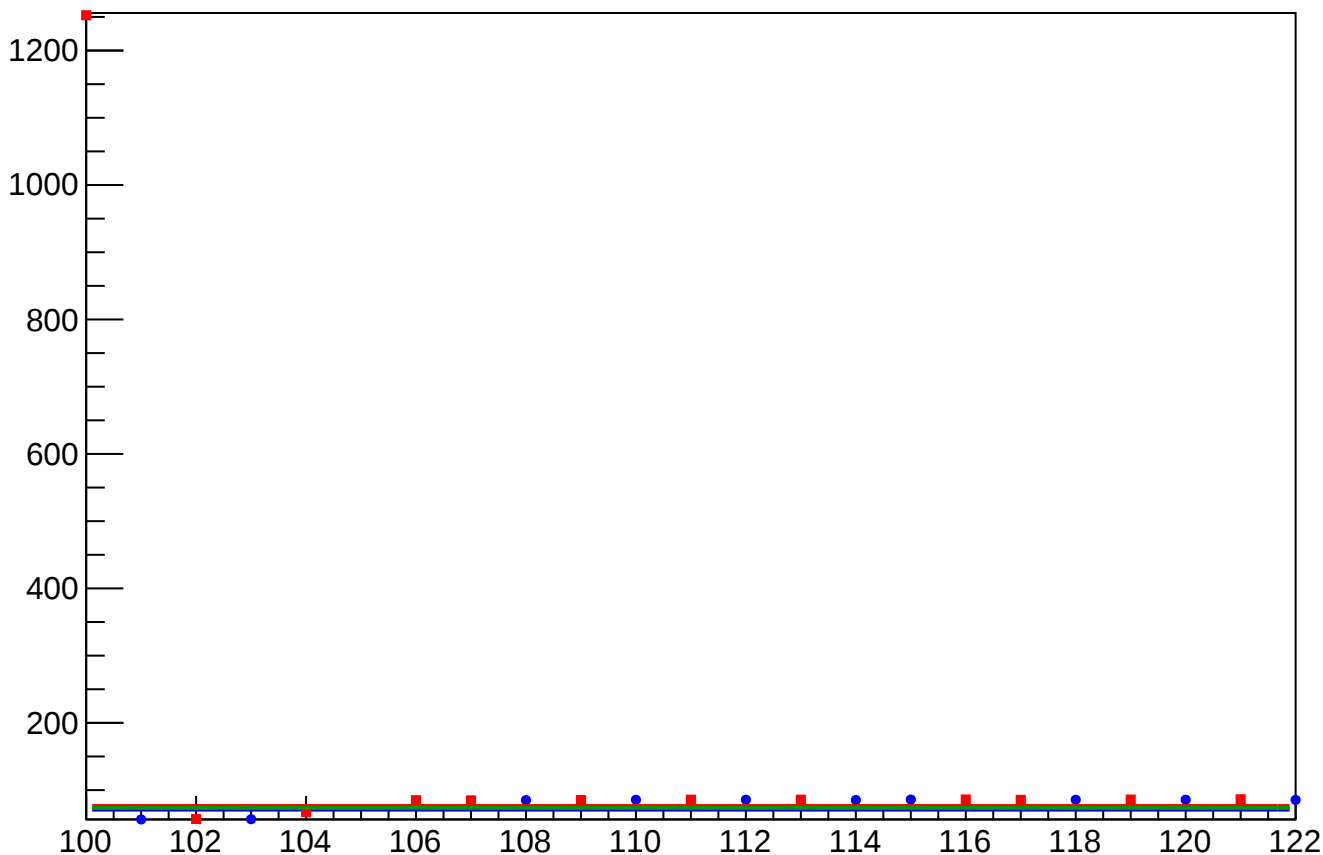
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-32.606+/-37.204 χ^2 /NDF: 4.3/9

-11.380+/-26.339 χ^2 /NDF: 15.3/21

9.949+/-37.295 χ^2 /NDF: 10.3/11

asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 71.034+/-0.026 χ^2/NDF : 303115.8/9

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

Right Out: 76.286+/-0.026 χ^2/NDF : 343222.1/11

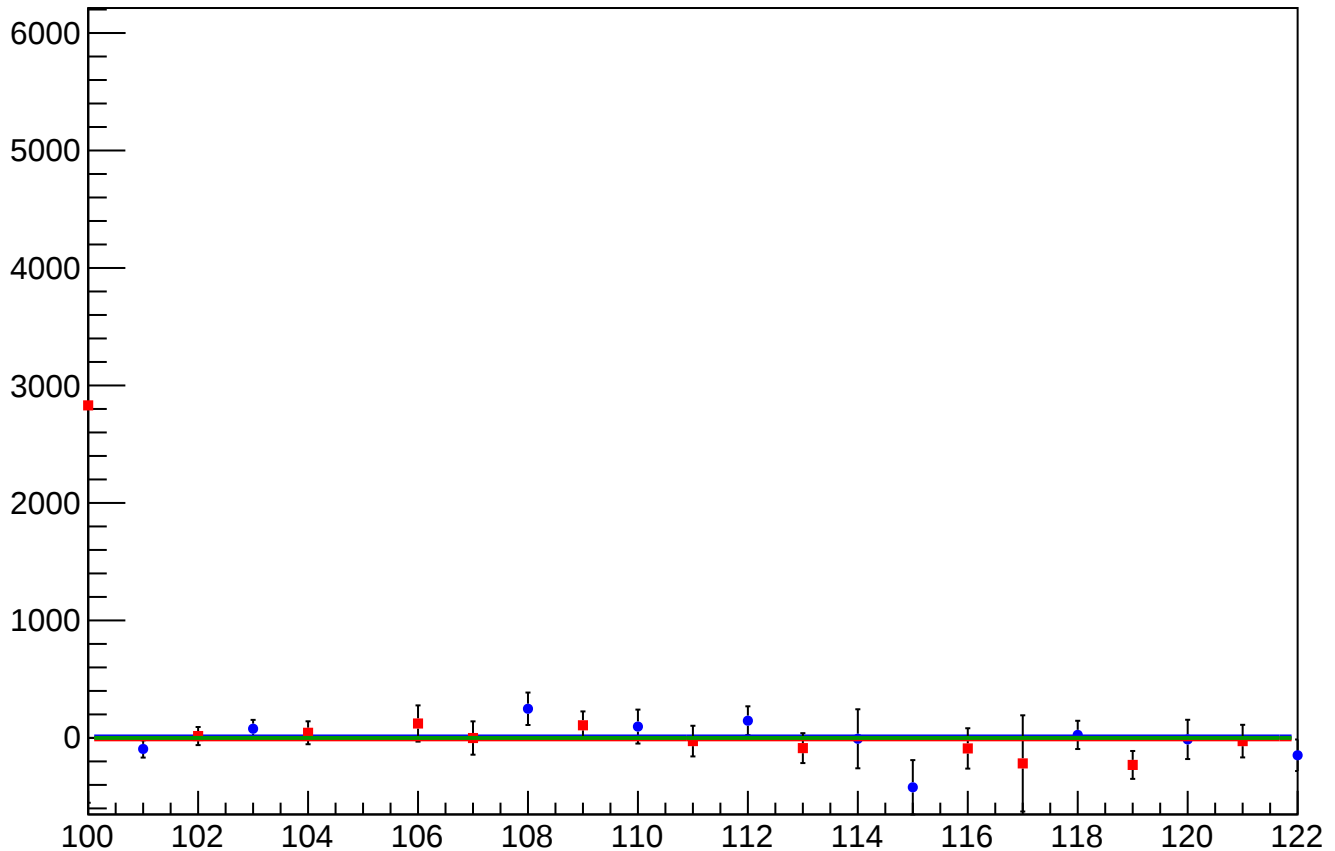
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

71.034+/-0.026 χ^2/NDF : 303115.8/9

73.654+/-0.019 χ^2/NDF : 666218.6/21

76.286+/-0.026 χ^2/NDF : 343222.1/11

reg_asym_ds_dd_mean vs Slug, Sign Corrected



Right In: 12.306+/-37.172 χ^2/NDF : 12.3/9

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

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

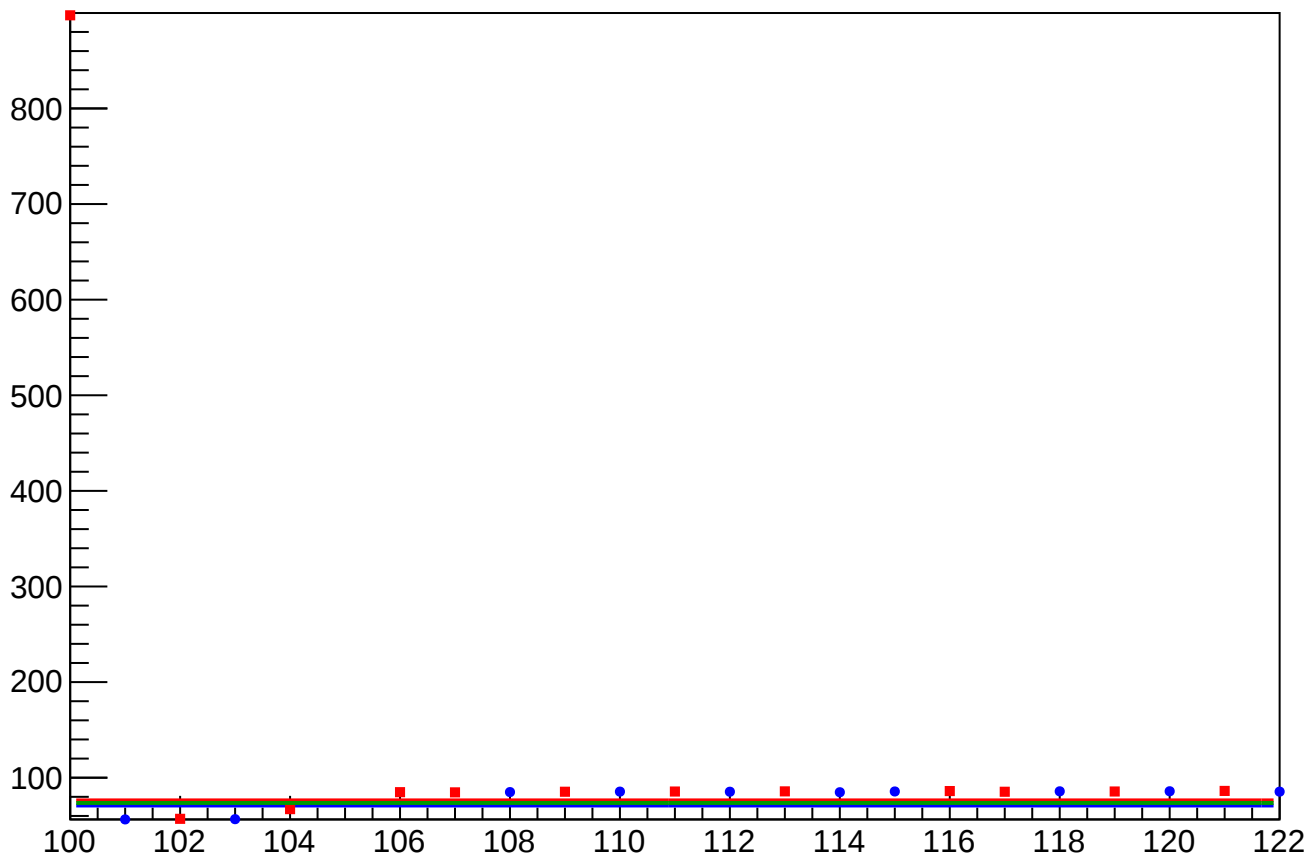
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12.306+/-37.172 χ^2/NDF : 12.3/9

0.166+/-26.315 χ^2/NDF : 19.6/21

-12.032+/-37.259 χ^2/NDF : 7.2/11

reg_asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 70.973+/-0.026 χ^2/NDF : 302935.5/9

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

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

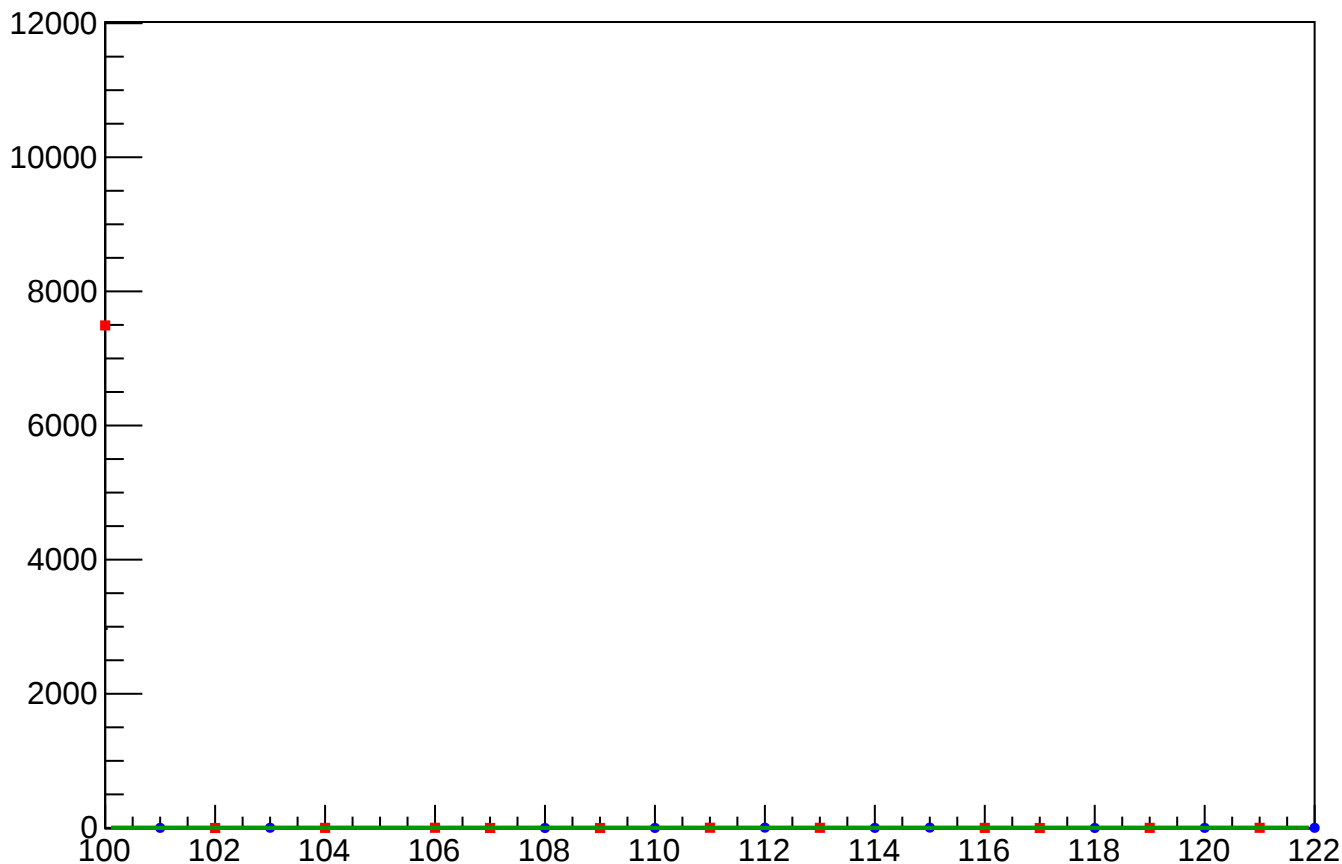
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

70.973+/-0.026 χ^2/NDF : 302935.5/9

73.602+/-0.019 χ^2/NDF : 659709.1/21

76.243+/-0.026 χ^2/NDF : 336716.2/11

asym_ds_dd_correction_mean vs Slug, Sign Corrected



Right In: 1.320+/-0.649 χ^2/NDF : 5.5/9

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

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

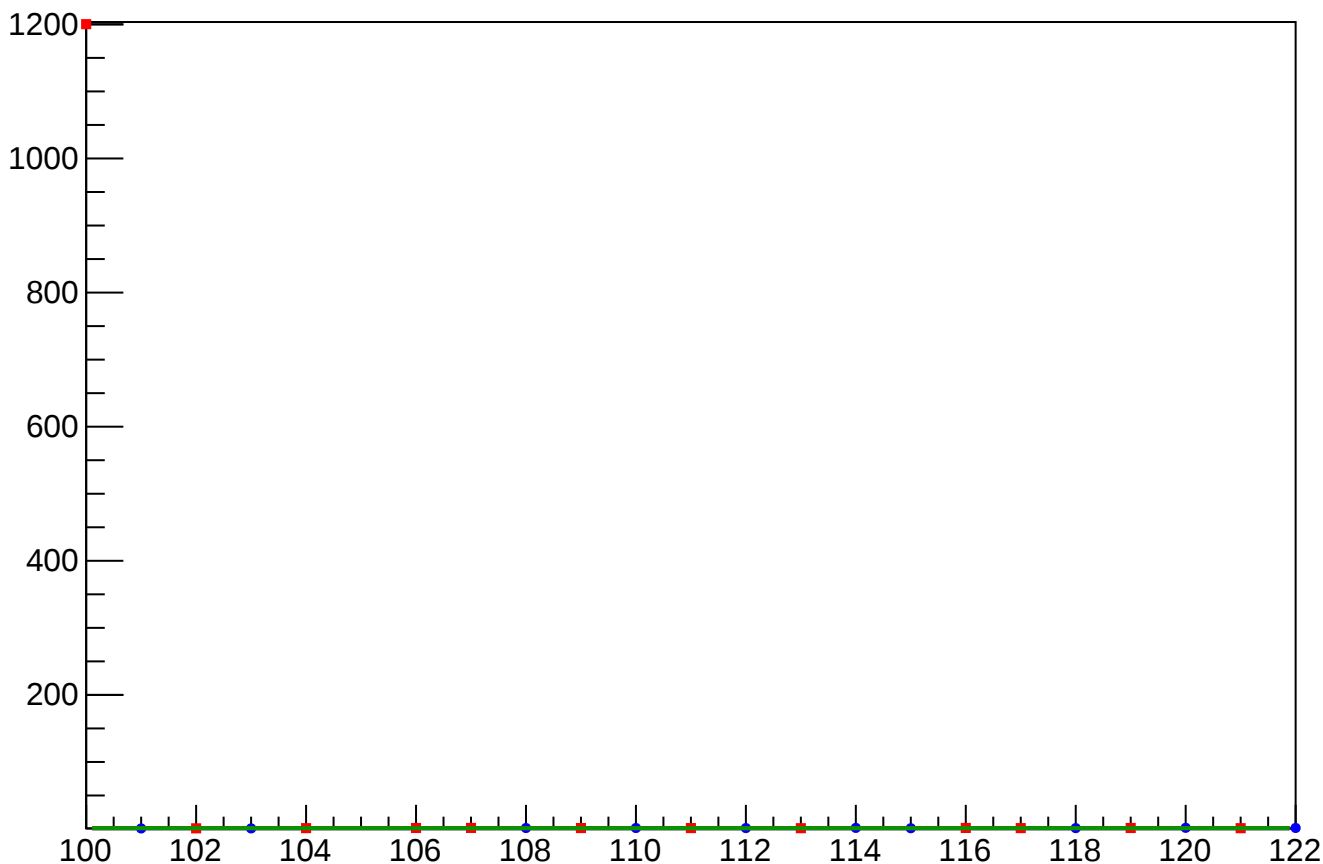
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.320+/-0.649 χ^2/NDF : 5.5/9

0.890+/-0.472 χ^2/NDF : 13.3/21

0.409+/-0.687 χ^2/NDF : 6.8/11

asym_ds_dd_correction_rms vs Slug, Sign Corrected



Right In: 1.139+/-0.000 χ^2/NDF : 451485.1/9

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

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

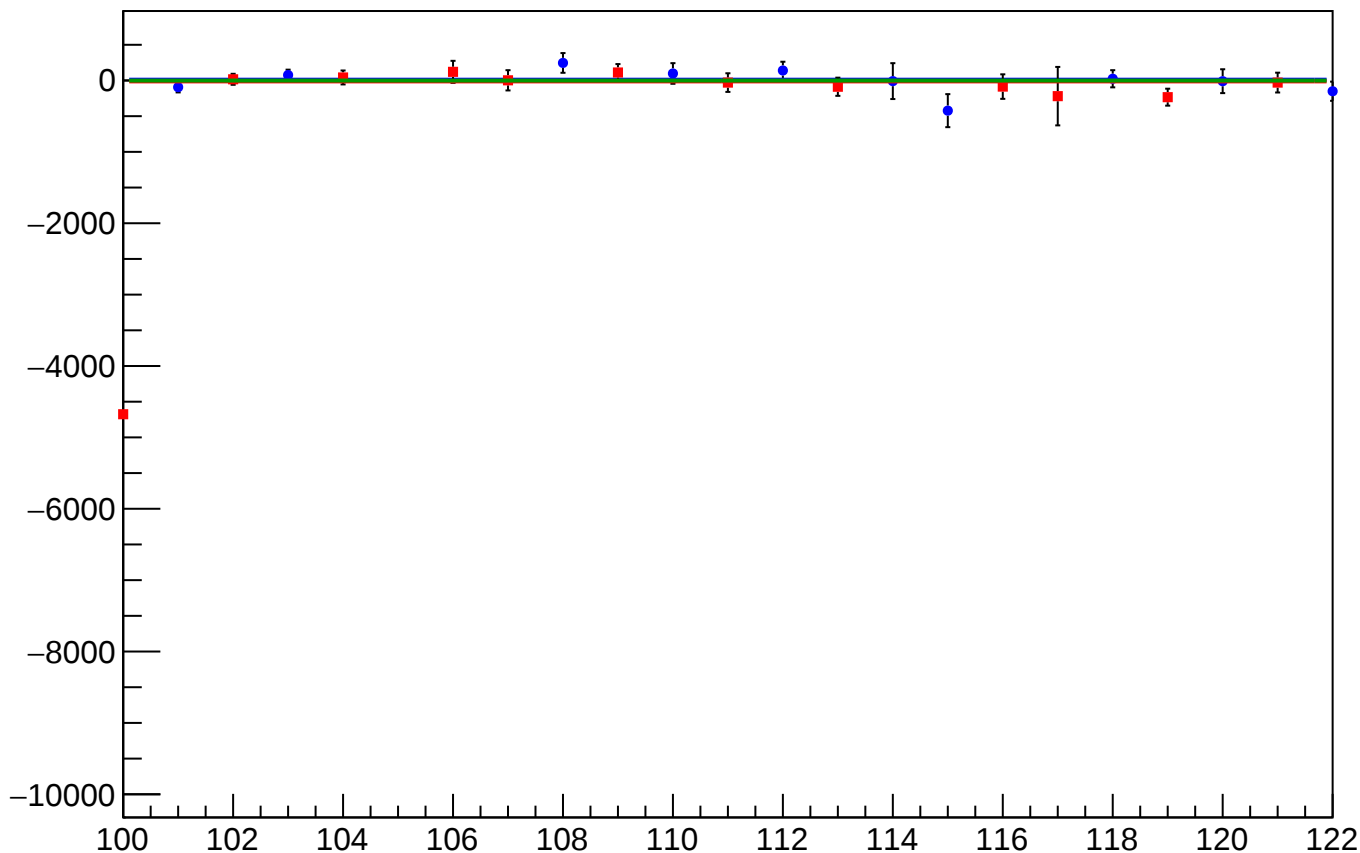
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.139+/-0.000 χ^2/NDF : 451485.1/9

1.224+/-0.000 χ^2/NDF : 825551.4/21

1.320+/-0.000 χ^2/NDF : 300329.9/11

asym_ds_dd_mean vs Slug, Sign Corrected



Right In: 10.978+/-37.182 χ^2/NDF : 12.1/9

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

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

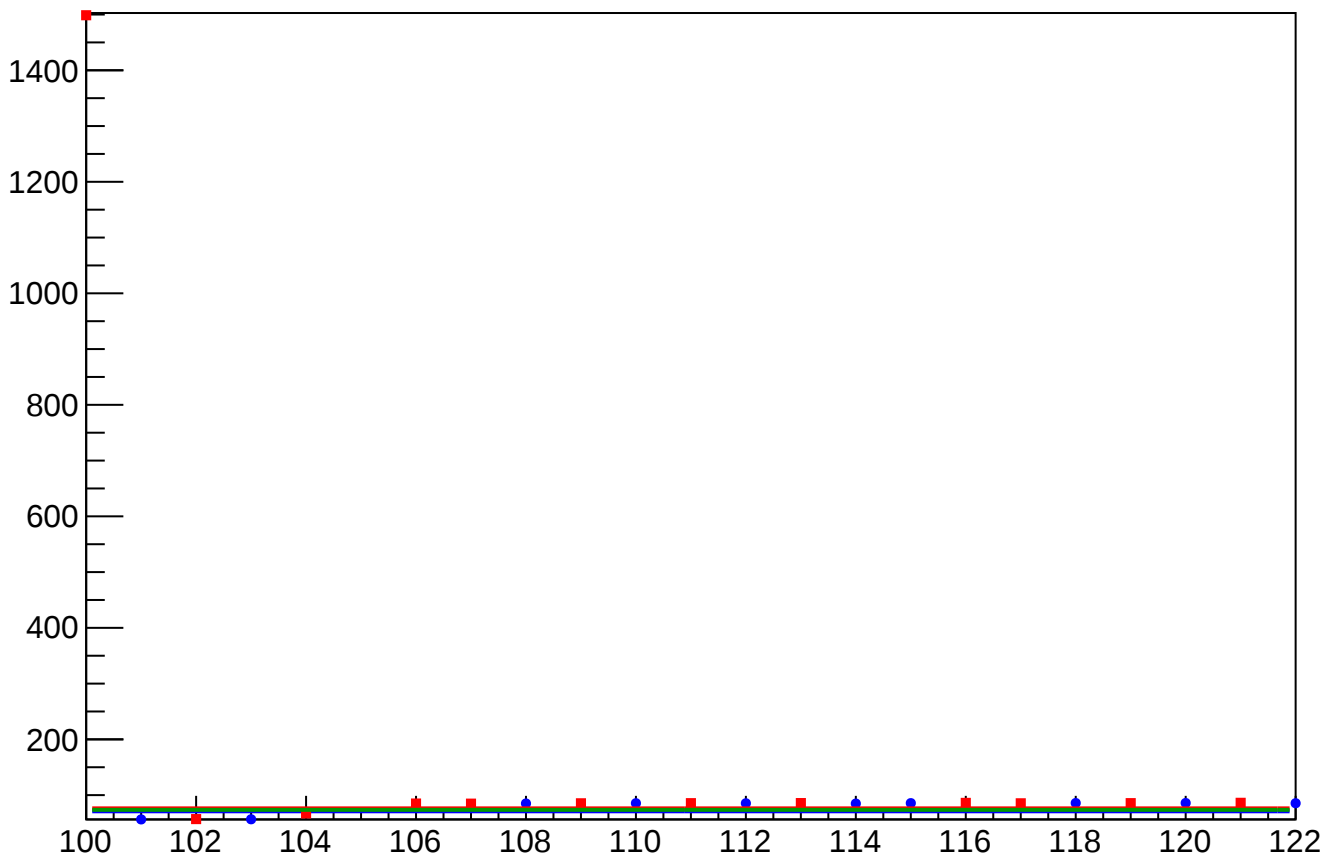
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.978+/-37.182 χ^2/NDF : 12.1/9

-0.853+/-26.323 χ^2/NDF : 19.6/21

-12.740+/-37.271 χ^2/NDF : 7.3/11

asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 70.991+/-0.026 χ^2/NDF : 302943.8/9

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

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

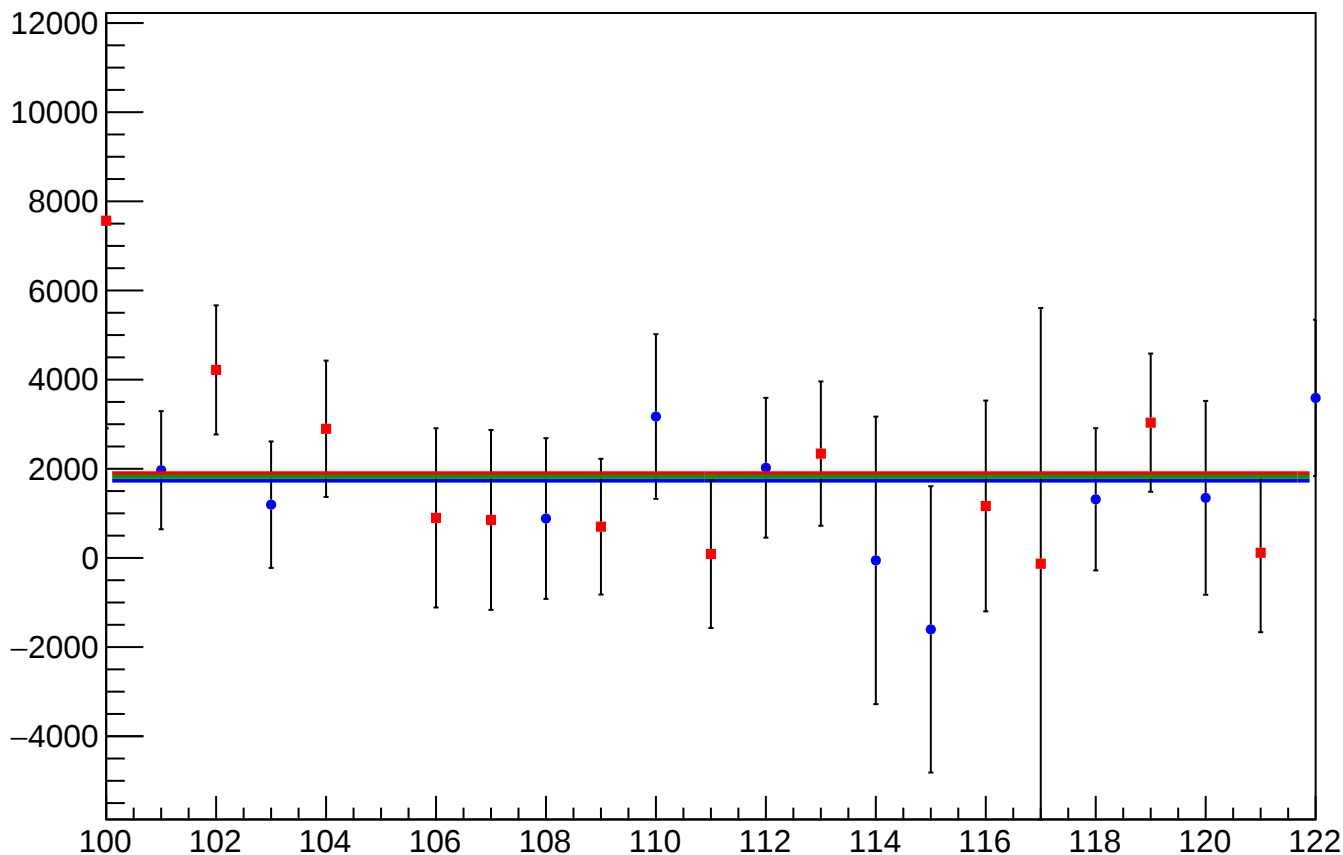
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

70.991+/-0.026 χ^2/NDF : 302943.8/9

73.602+/-0.019 χ^2/NDF : 668357.3/21

76.226+/-0.026 χ^2/NDF : 345636.5/11

reg_asym_usl_mean vs Slug, Sign Corrected



Right In: 1735.121+/-559.337 χ^2/NDF : 3.6/9

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

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

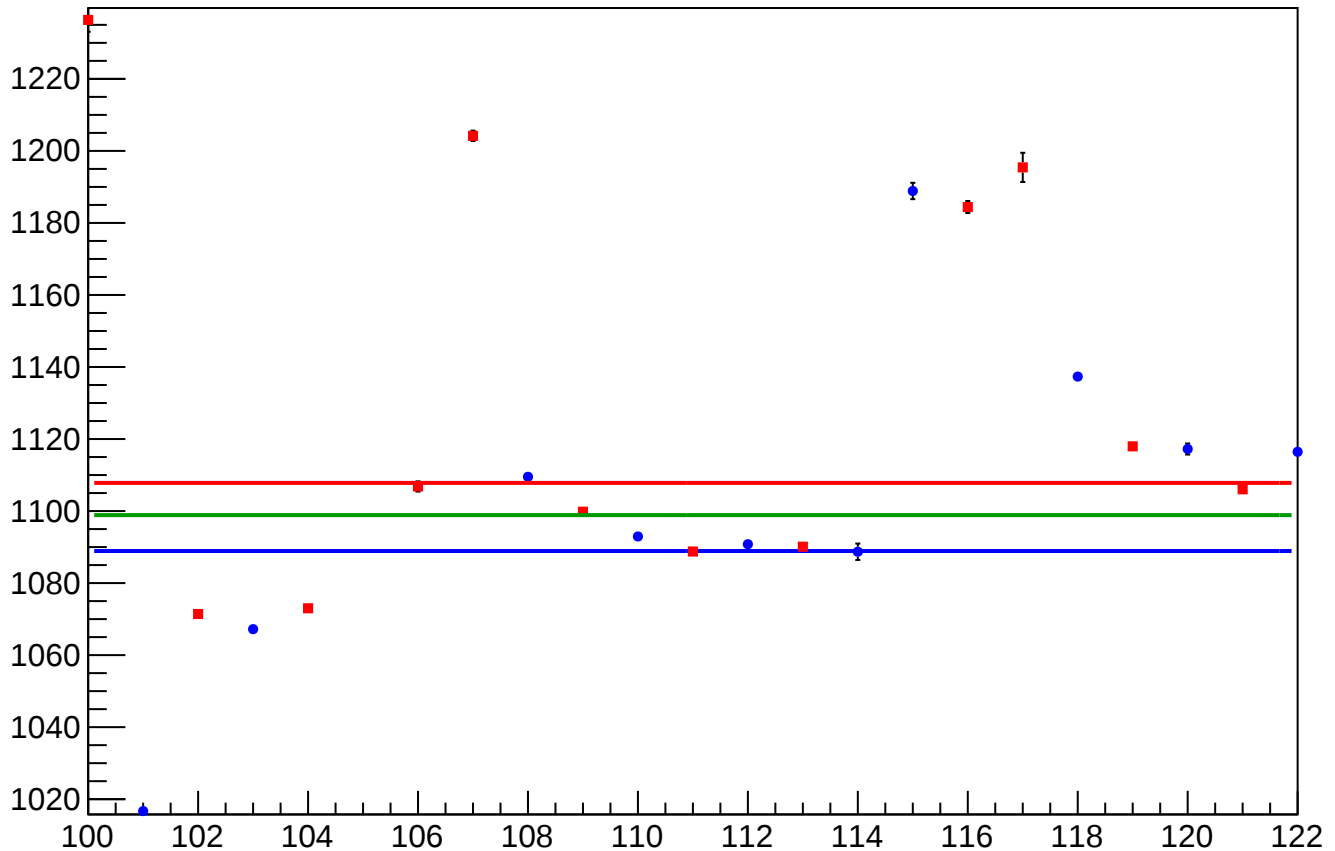
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1735.121+/-559.337 χ^2/NDF : 3.6/9

1821.696+/-384.724 χ^2/NDF : 12.3/21

1899.430+/-530.010 χ^2/NDF : 8.6/11

reg_asym_usl_rms vs Slug, Sign Corrected



Right In: 1088.906 $\pm$ 0.396 χ^2 /NDF: 11294.7/9

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

Right Out: 1107.821 $\pm$ 0.375 χ^2 /NDF: 11598.7/11

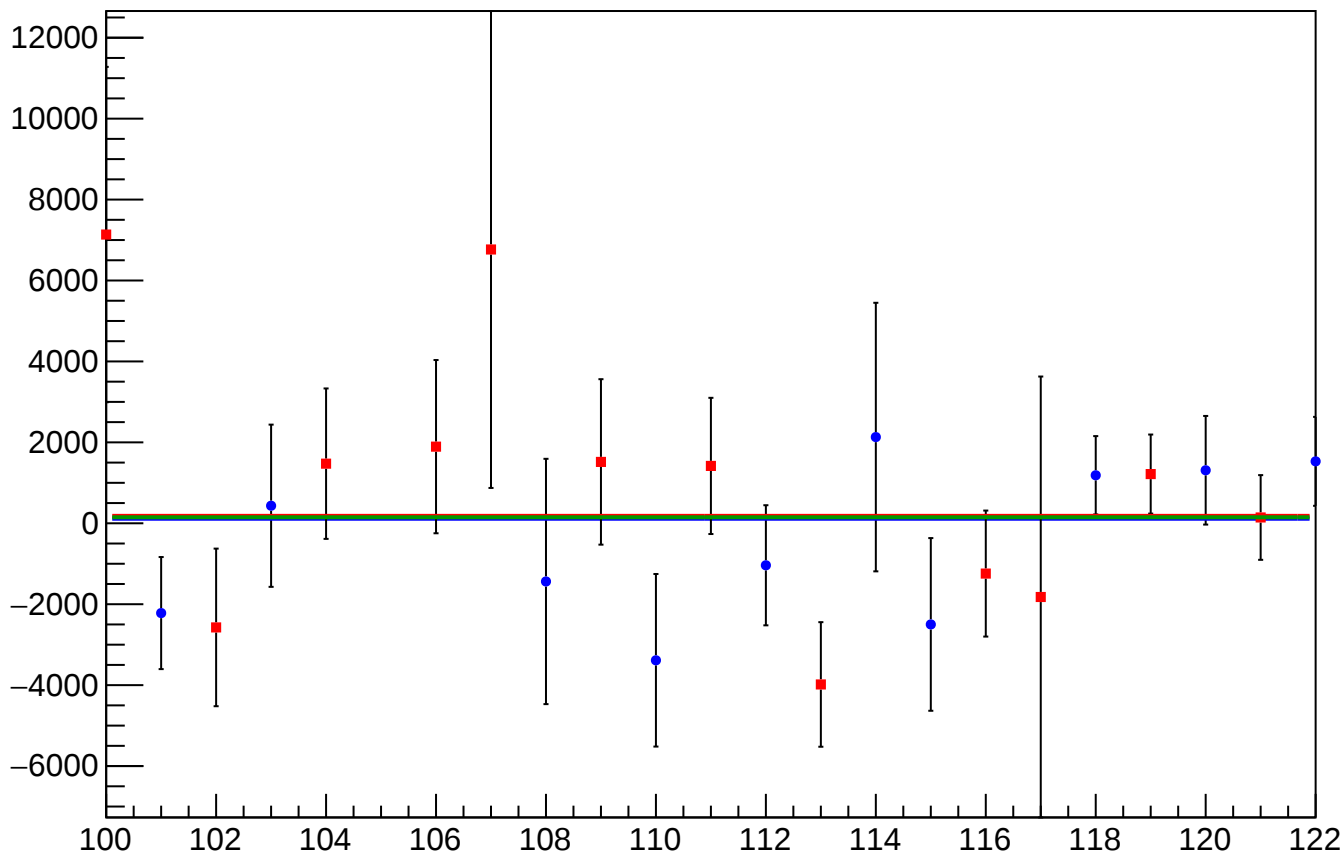
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1088.906 $\pm$ 0.396 χ^2 /NDF: 11294.7/9

1098.872 $\pm$ 0.272 χ^2 /NDF: 24098.4/21

1107.821 $\pm$ 0.375 χ^2 /NDF: 11598.7/11

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: 112.404+/-481.464 χ^2/NDF : 12.0/9

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

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

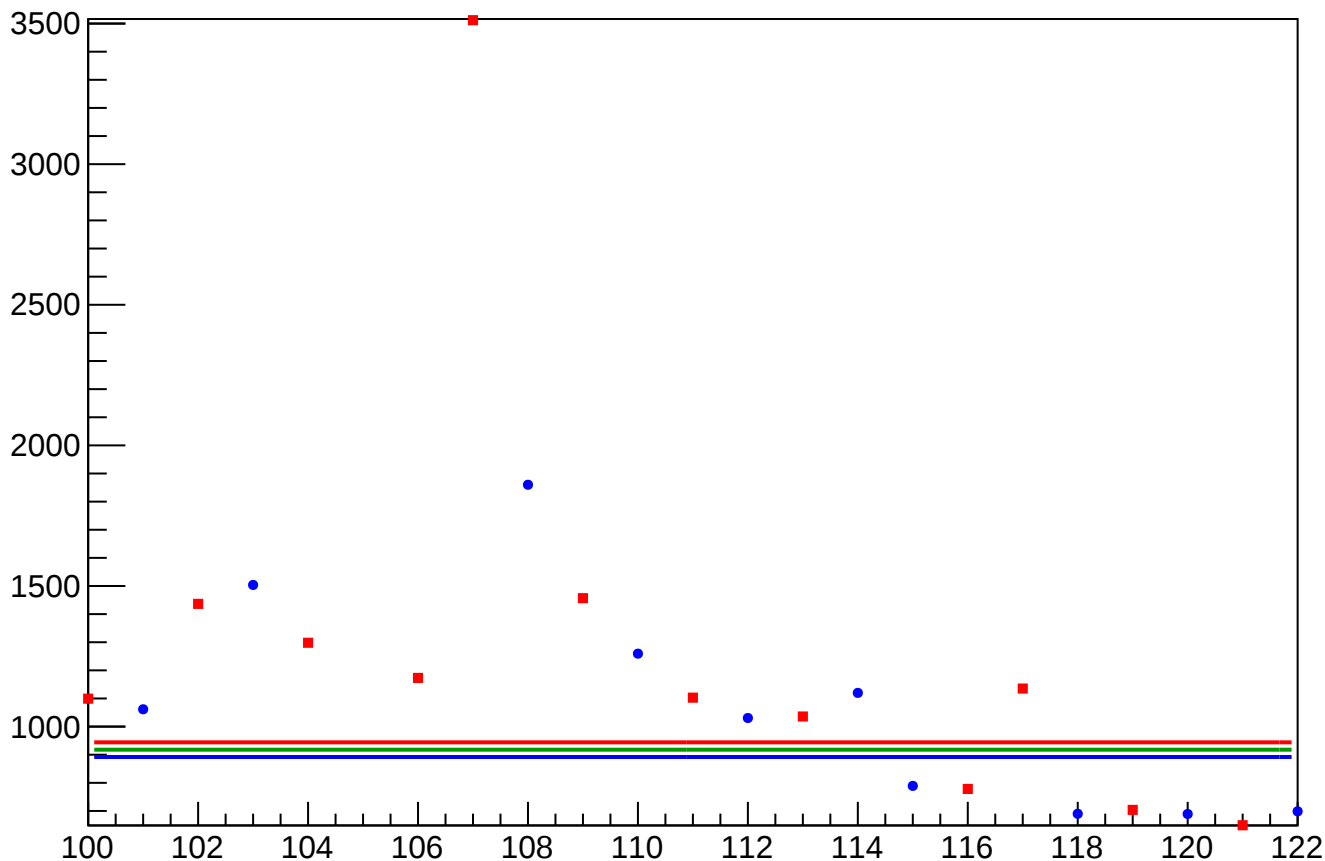
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

112.404+/-481.464 χ^2/NDF : 12.0/9

147.896+/-341.130 χ^2/NDF : 29.6/21

183.674+/-483.402 χ^2/NDF : 17.6/11

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 891.906+/-0.340 χ^2/NDF : 705744.7/9

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

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

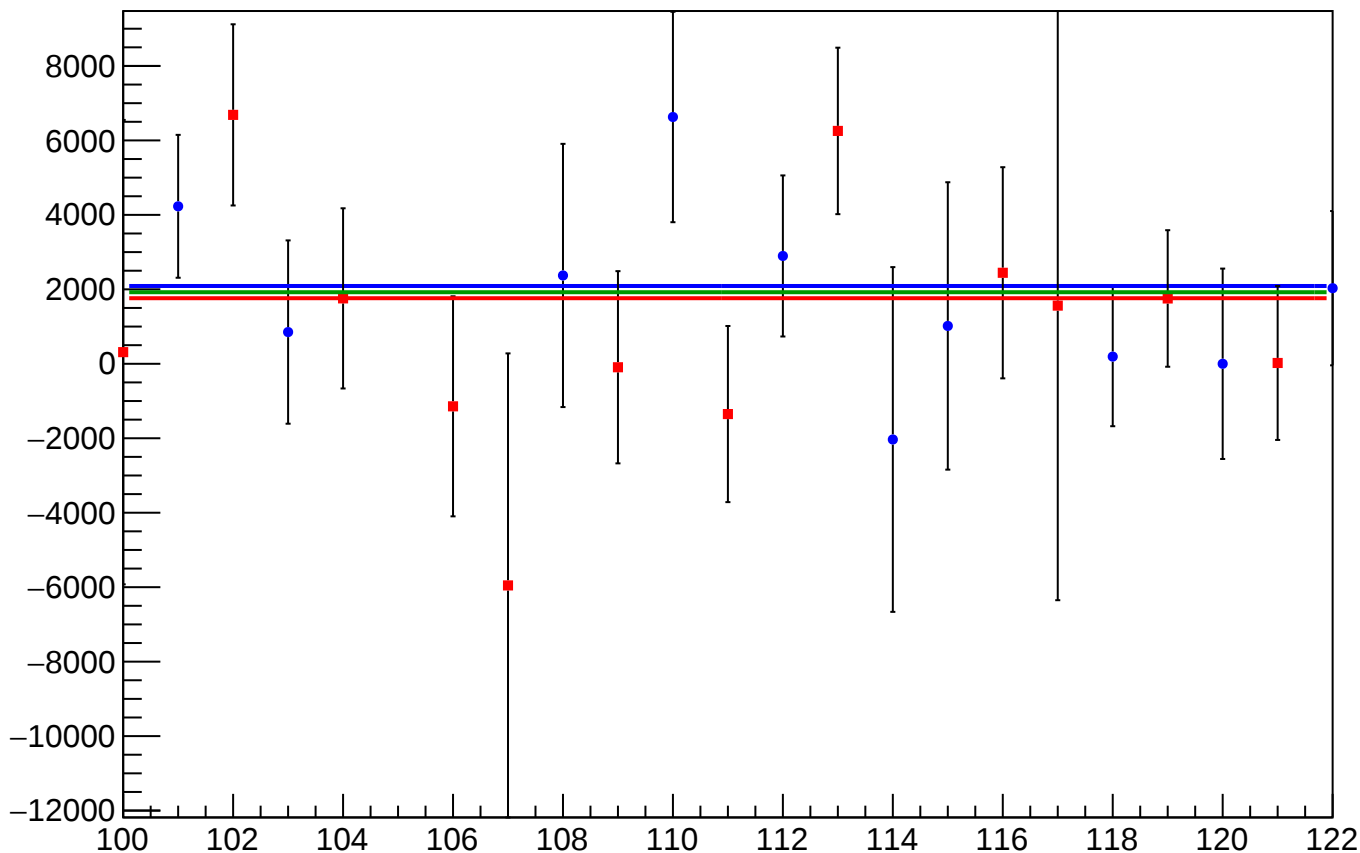
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

891.906+/-0.340 χ^2/NDF : 705744.7/9

917.878+/-0.241 χ^2/NDF : 1778795.2/21

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

asym_usl_mean vs Slug, Sign Corrected



Right In: 2090.008+/-780.569 χ^2/NDF : 6.8/9

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

Right Out: 1761.453+/-765.591 χ^2/NDF : 13.7/11

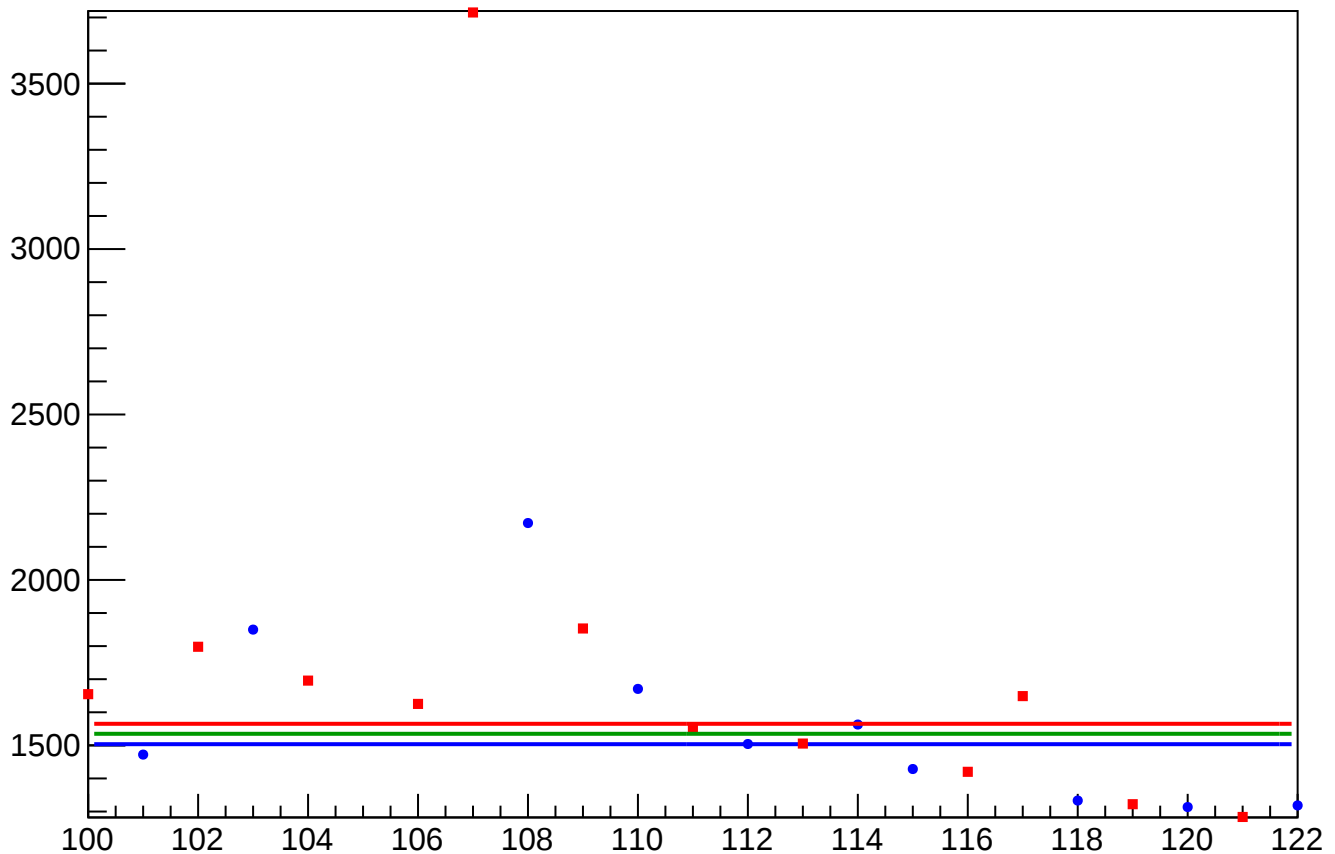
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2090.008+/-780.569 χ^2/NDF : 6.8/9

1922.548+/-546.573 χ^2/NDF : 20.6/21

1761.453+/-765.591 χ^2/NDF : 13.7/11

asym_usl_rms vs Slug, Sign Corrected



Right In: 1503.557 $\pm$ 0.552 χ^2 /NDF: 163311.3/9

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

Right Out: 1565.183 $\pm$ 0.541 χ^2 /NDF: 367465.7/11

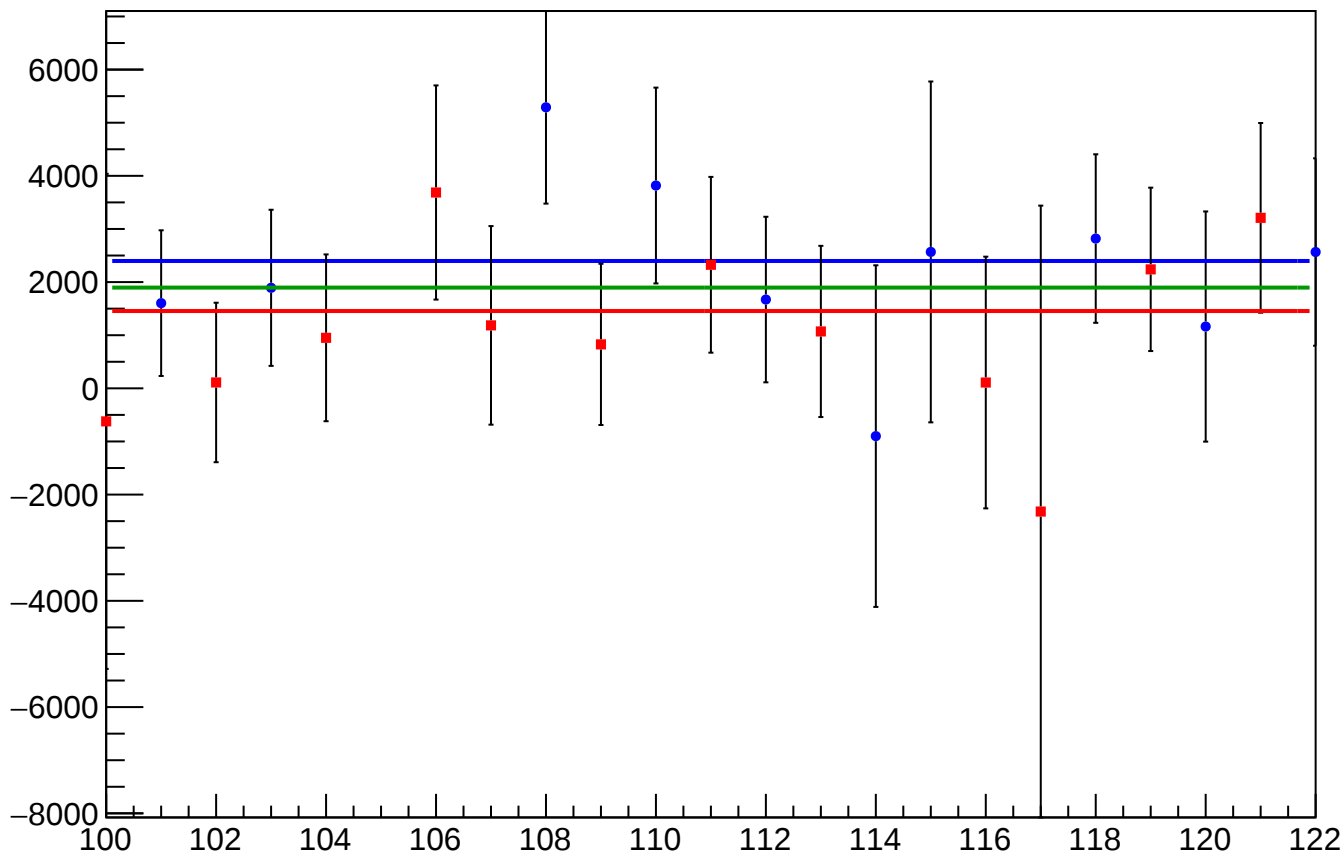
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1503.557 $\pm$ 0.552 χ^2 /NDF: 163311.3/9

1534.966 $\pm$ 0.386 χ^2 /NDF: 537130.8/21

1565.183 $\pm$ 0.541 χ^2 /NDF: 367465.7/11

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 2397.356+/-565.087 χ^2/NDF : 5.3/9

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

Right Out: 1455.386+/-530.162 χ^2/NDF : 4.8/11

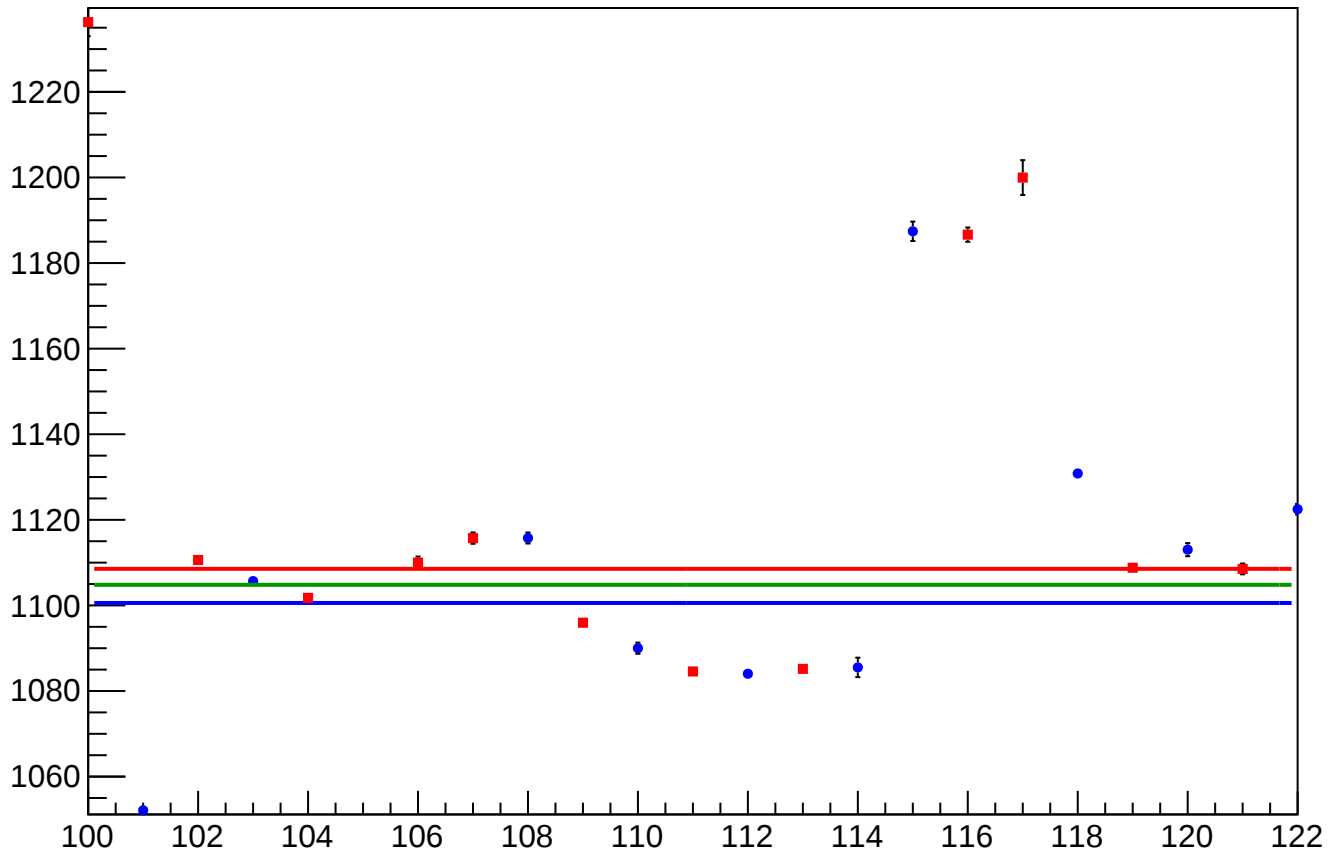
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2397.356+/-565.087 χ^2/NDF : 5.3/9

1896.364+/-386.639 χ^2/NDF : 11.6/21

1455.386+/-530.162 χ^2/NDF : 4.8/11

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1100.572 $\pm$ 0.400 χ^2 /NDF: 5564.7/9

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

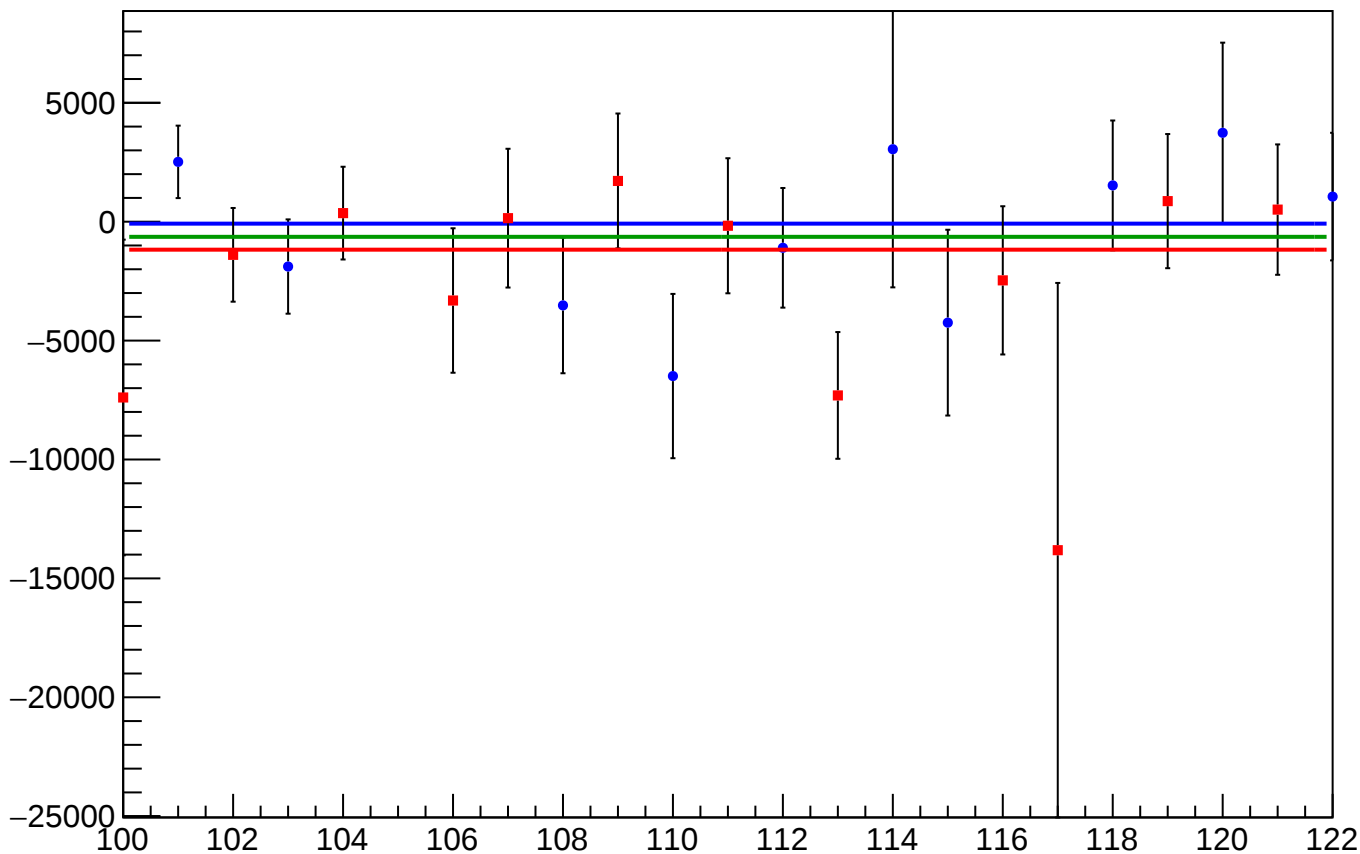
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1100.572 $\pm$ 0.400 χ^2 /NDF: 5564.7/9

1104.815 $\pm$ 0.273 χ^2 /NDF: 11007.9/21

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

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -81.585+/-819.878 χ^2/NDF : 11.8/9

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

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

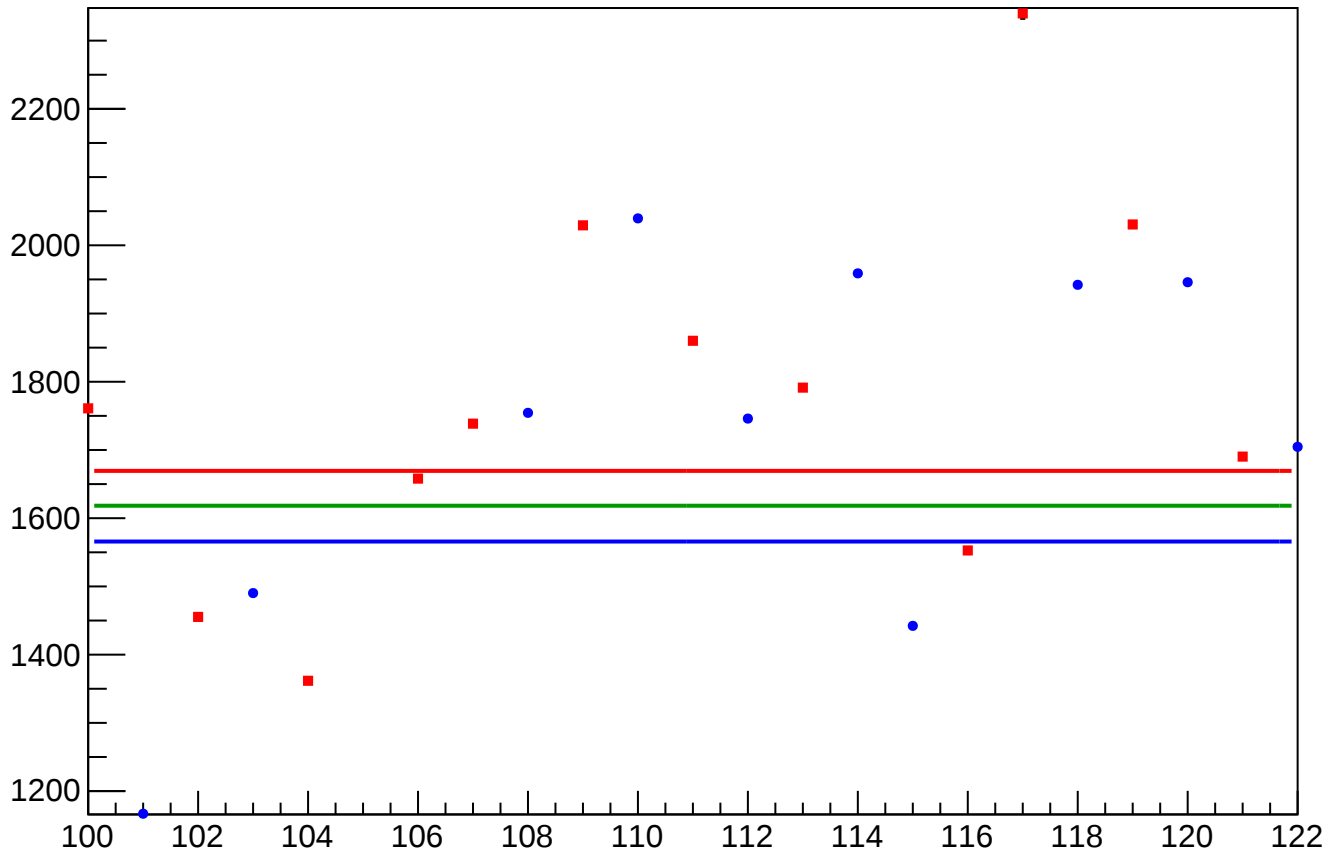
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-81.585+/-819.878 χ^2/NDF : 11.8/9

-636.287+/-575.858 χ^2/NDF : 23.7/21

-1176.372+/-809.003 χ^2/NDF : 11.0/11

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1565.812 $\pm$ 0.580 χ^2 /NDF: 271275.2/9

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

Right Out: 1669.362 $\pm$ 0.572 χ^2 /NDF: 163173.7/11

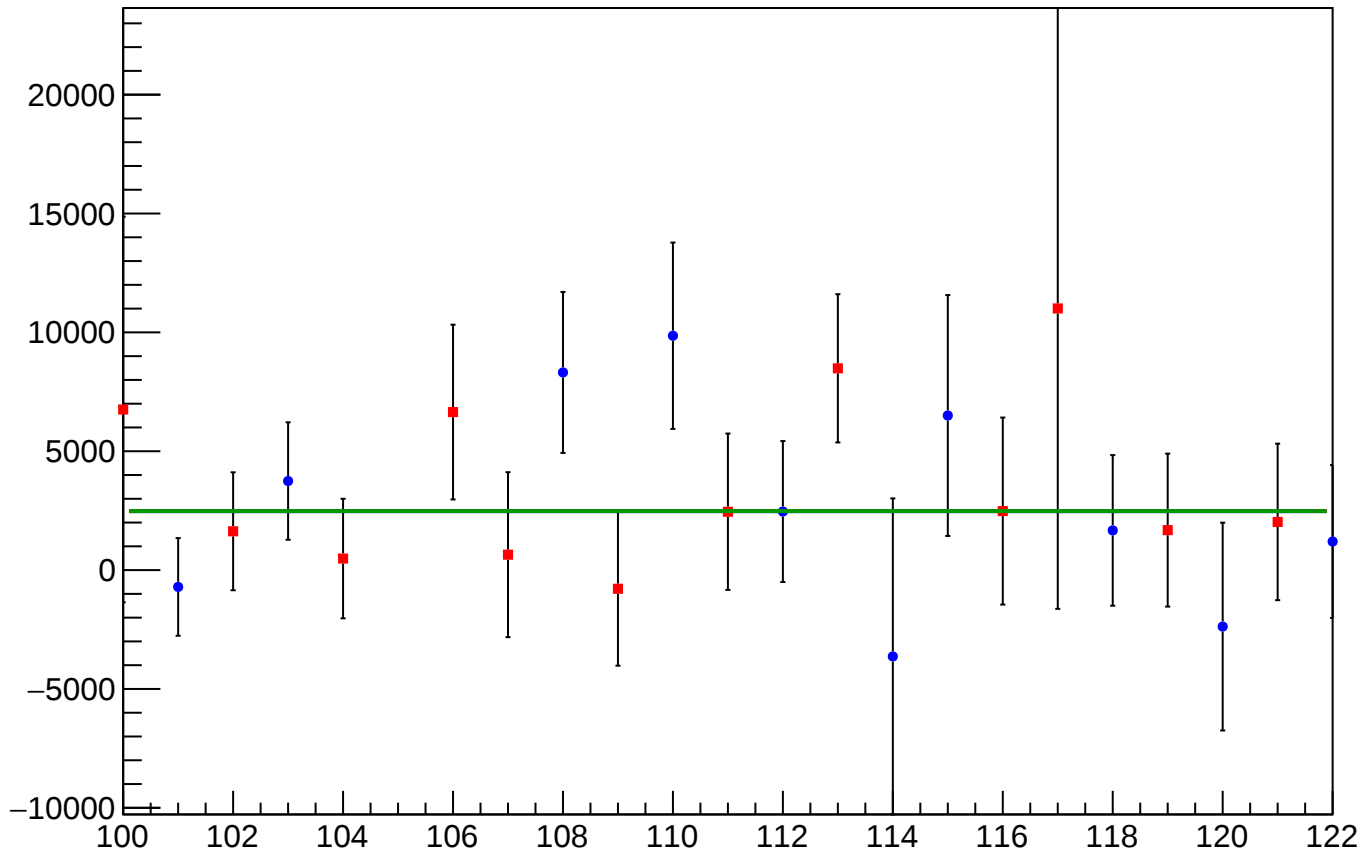
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1565.812 $\pm$ 0.580 χ^2 /NDF: 271275.2/9

1618.278 $\pm$ 0.407 χ^2 /NDF: 450613.6/21

1669.362 $\pm$ 0.572 χ^2 /NDF: 163173.7/11

asym_usr_mean vs Slug, Sign Corrected



Right In: 2480.220+/-1011.649 χ^2/NDF : 12.1/9

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

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

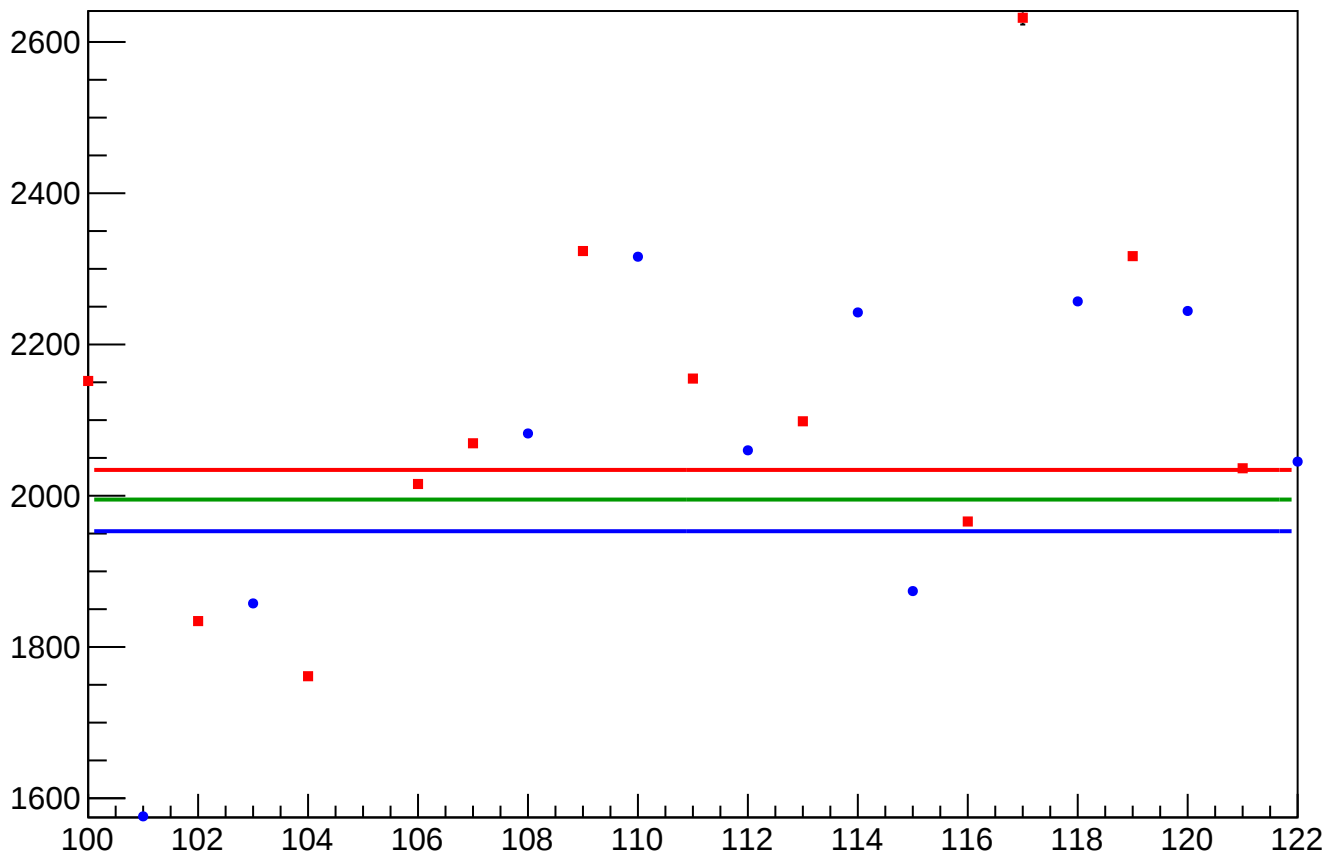
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2480.220+/-1011.649 χ^2/NDF : 12.1/9

2483.317+/-703.488 χ^2/NDF : 20.0/21

2486.218+/-978.924 χ^2/NDF : 7.9/11

asym_usr_rms vs Slug, Sign Corrected



Right In: 1953.103+/-0.715 χ^2/NDF : 126195.1/9

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

Right Out: 2034.144+/-0.692 χ^2/NDF : 77275.0/11

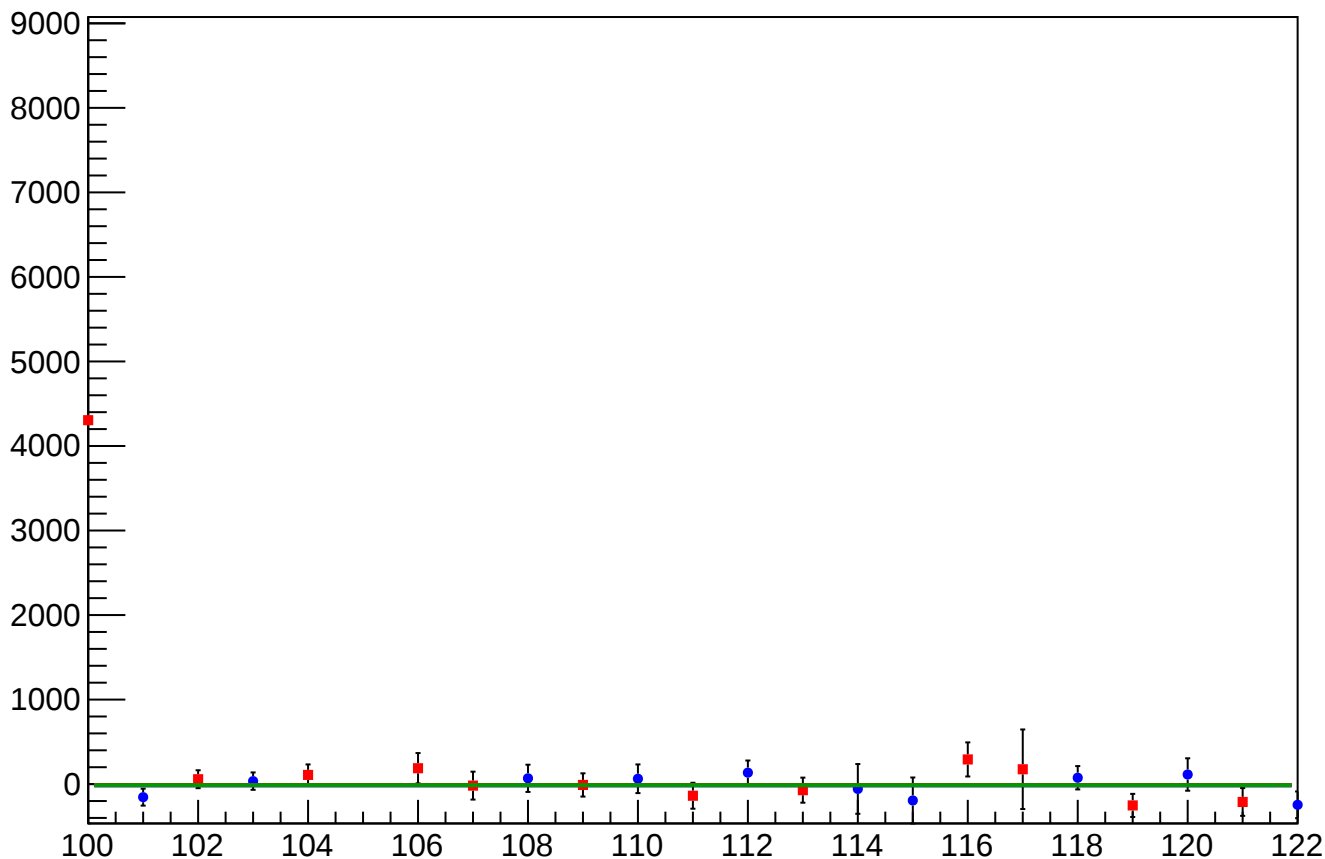
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1953.103+/-0.715 χ^2/NDF : 126195.1/9

1994.955+/-0.497 χ^2/NDF : 210098.4/21

2034.144+/-0.692 χ^2/NDF : 77275.0/11

reg_asym_dsl_mean vs Slug, Sign Corrected



Right In: -14.389+/-46.592 χ^2/NDF : 7.2/9

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

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

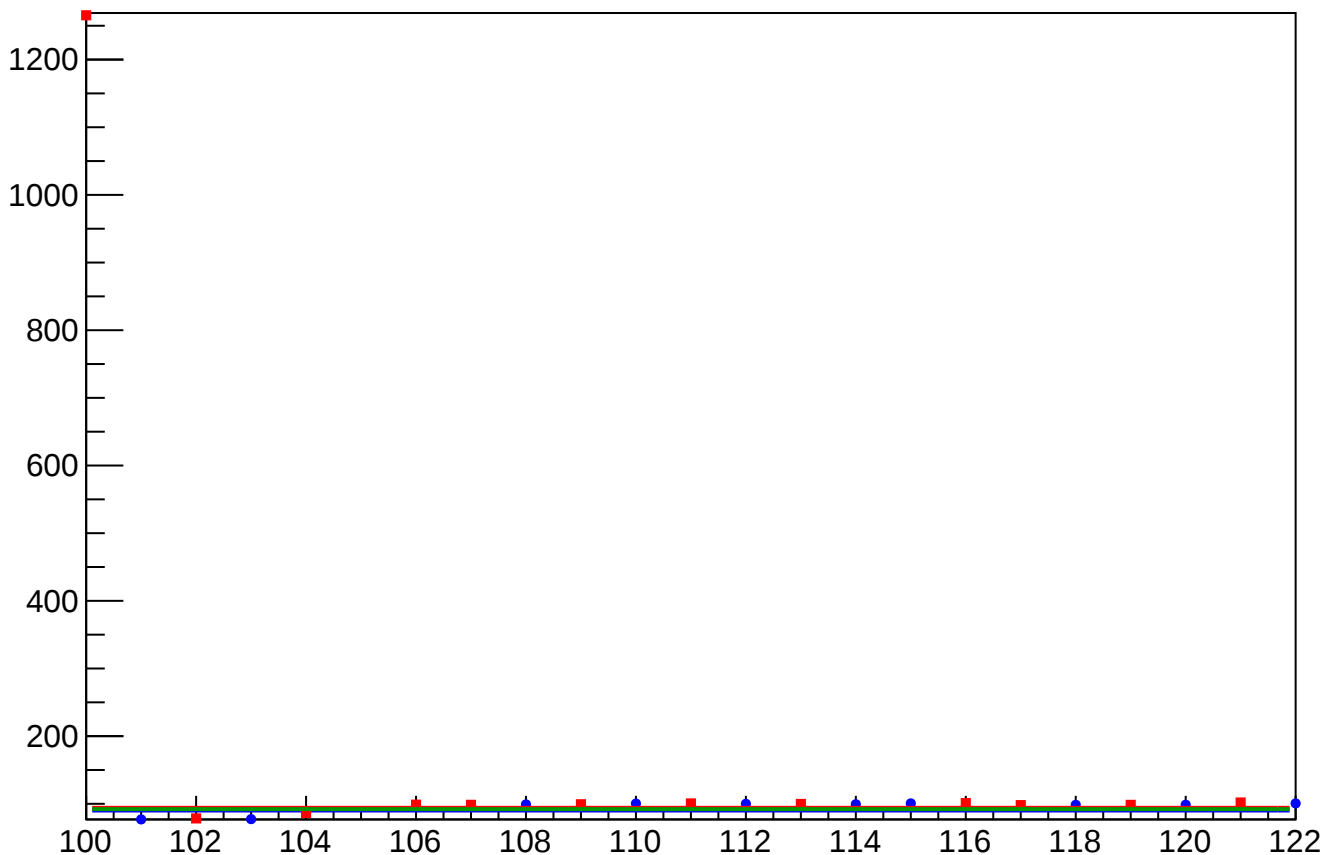
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-14.389+/-46.592 χ^2/NDF : 7.2/9

-12.670+/-32.559 χ^2/NDF : 18.5/21

-11.030+/-45.517 χ^2/NDF : 11.3/11

reg_asym_dsl_rms vs Slug, Sign Corrected



Right In: 90.111+/-0.033 χ^2 /NDF: 113146.9/9

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

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

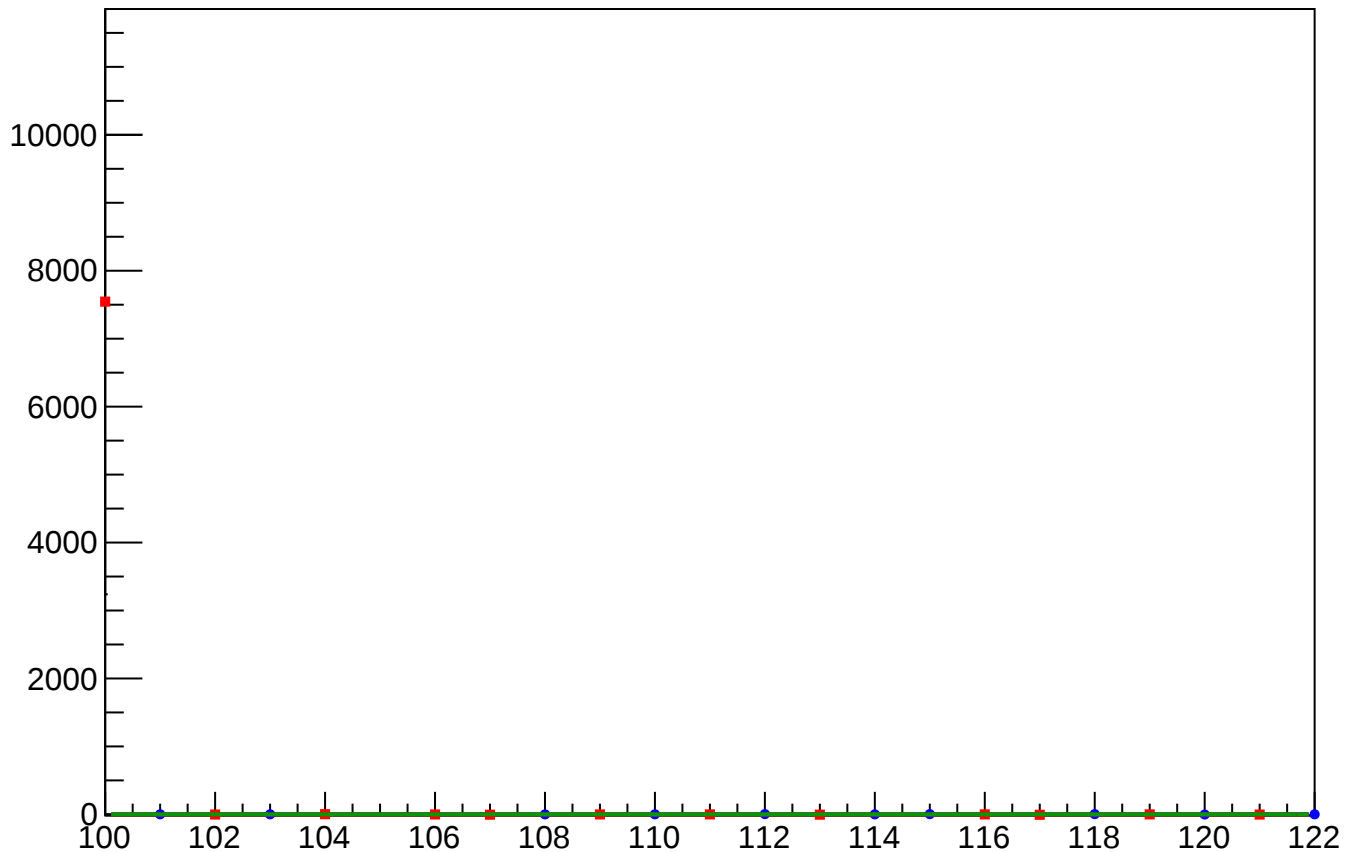
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

90.111+/-0.033 χ^2 /NDF: 113146.9/9

92.136+/-0.023 χ^2 /NDF: 314178.6/21

94.068+/-0.032 χ^2 /NDF: 193648.3/11

asym_dsl_correction_mean vs Slug, Sign Corrected



Right In: 1.257+/-0.748 χ^2/NDF : 3.8/9

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

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

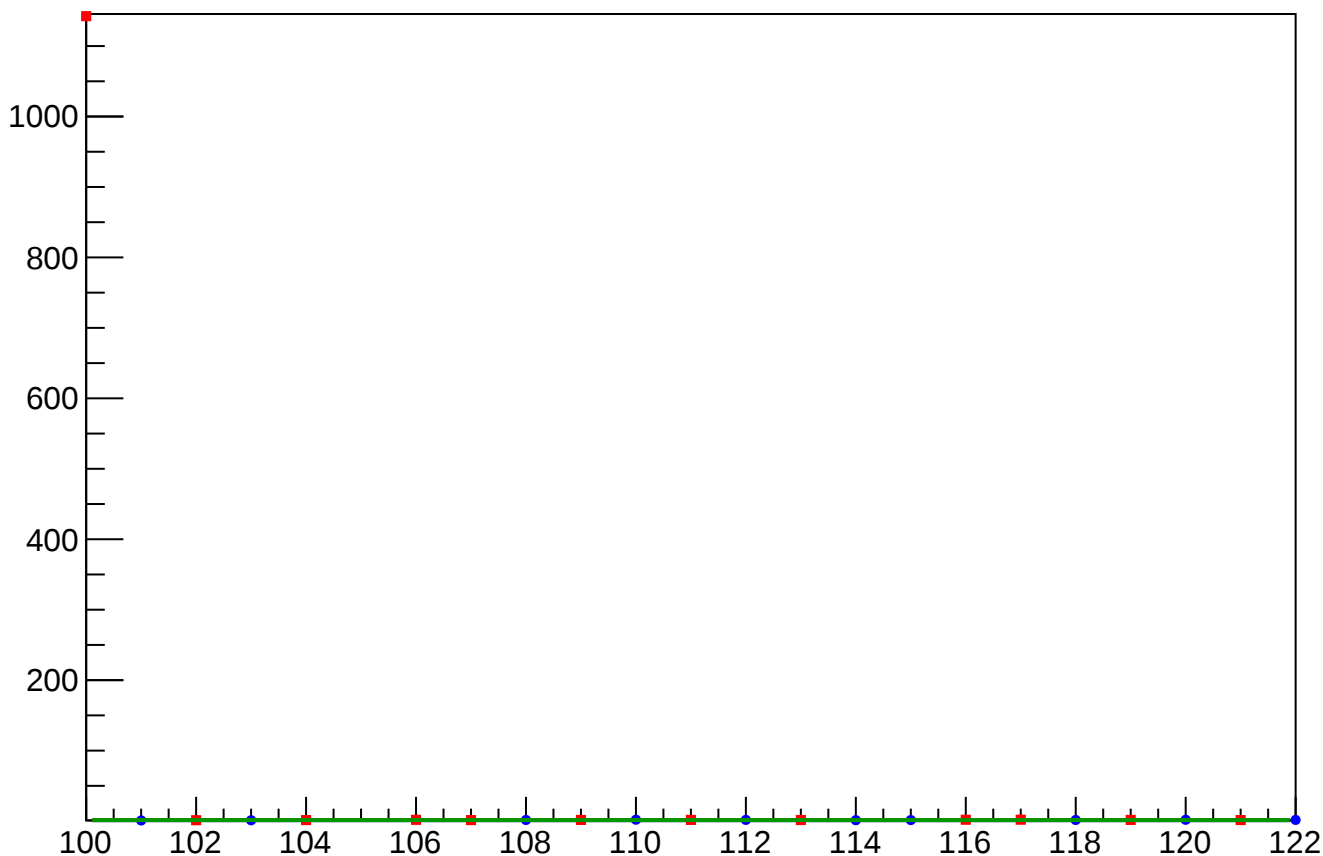
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.257+/-0.748 χ^2/NDF : 3.8/9

0.060+/-0.542 χ^2/NDF : 20.7/21

-1.264+/-0.787 χ^2/NDF : 11.5/11

asym_dsl_correction_rms vs Slug, Sign Corrected



Right In: 1.288+/-0.001 χ^2/NDF : 448198.0/9

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

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

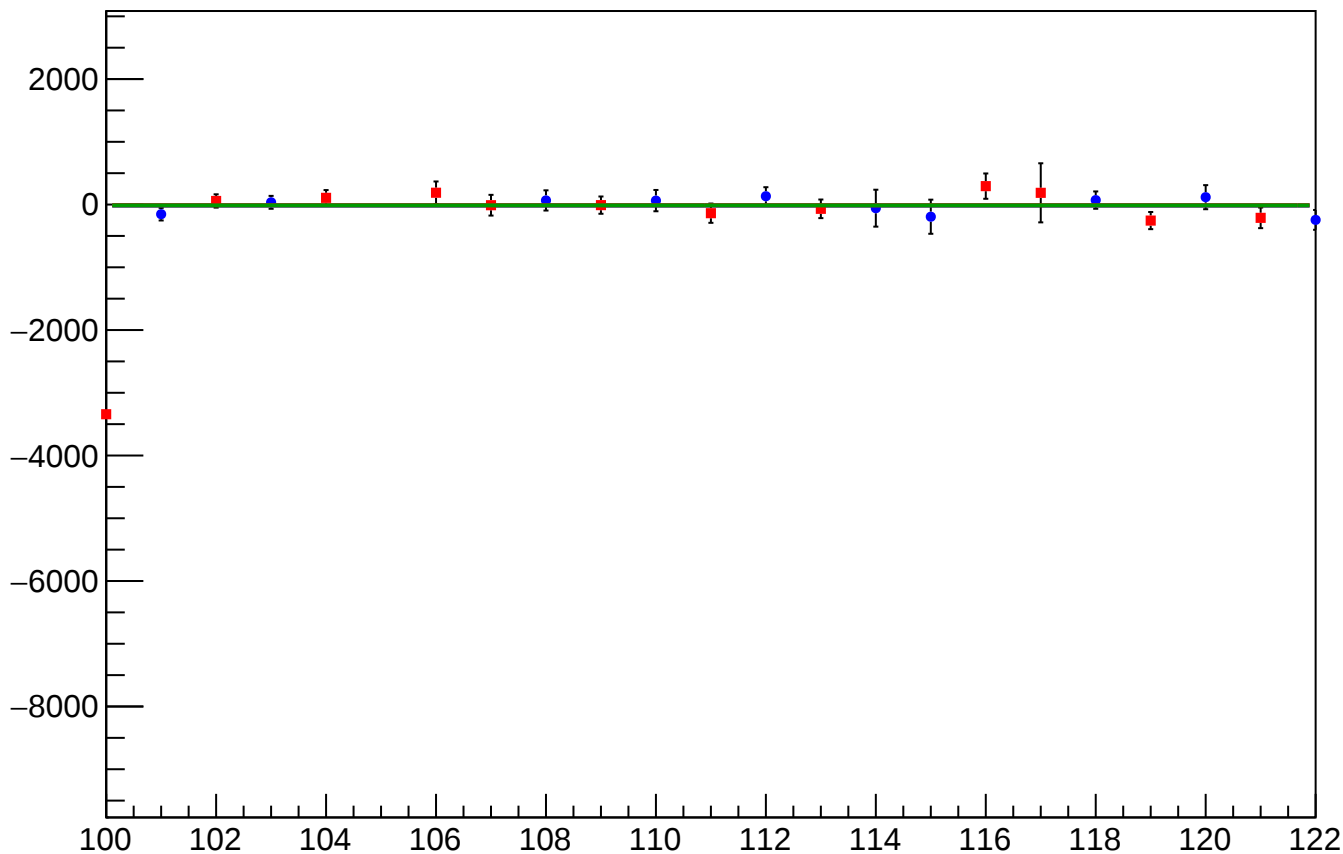
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.288+/-0.001 χ^2/NDF : 448198.0/9

1.386+/-0.000 χ^2/NDF : 771610.5/21

1.493+/-0.001 χ^2/NDF : 252569.4/11

asym_dsl_mean vs Slug, Sign Corrected



Right In: -14.973+/-46.604 χ^2 /NDF: 7.1/9

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

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

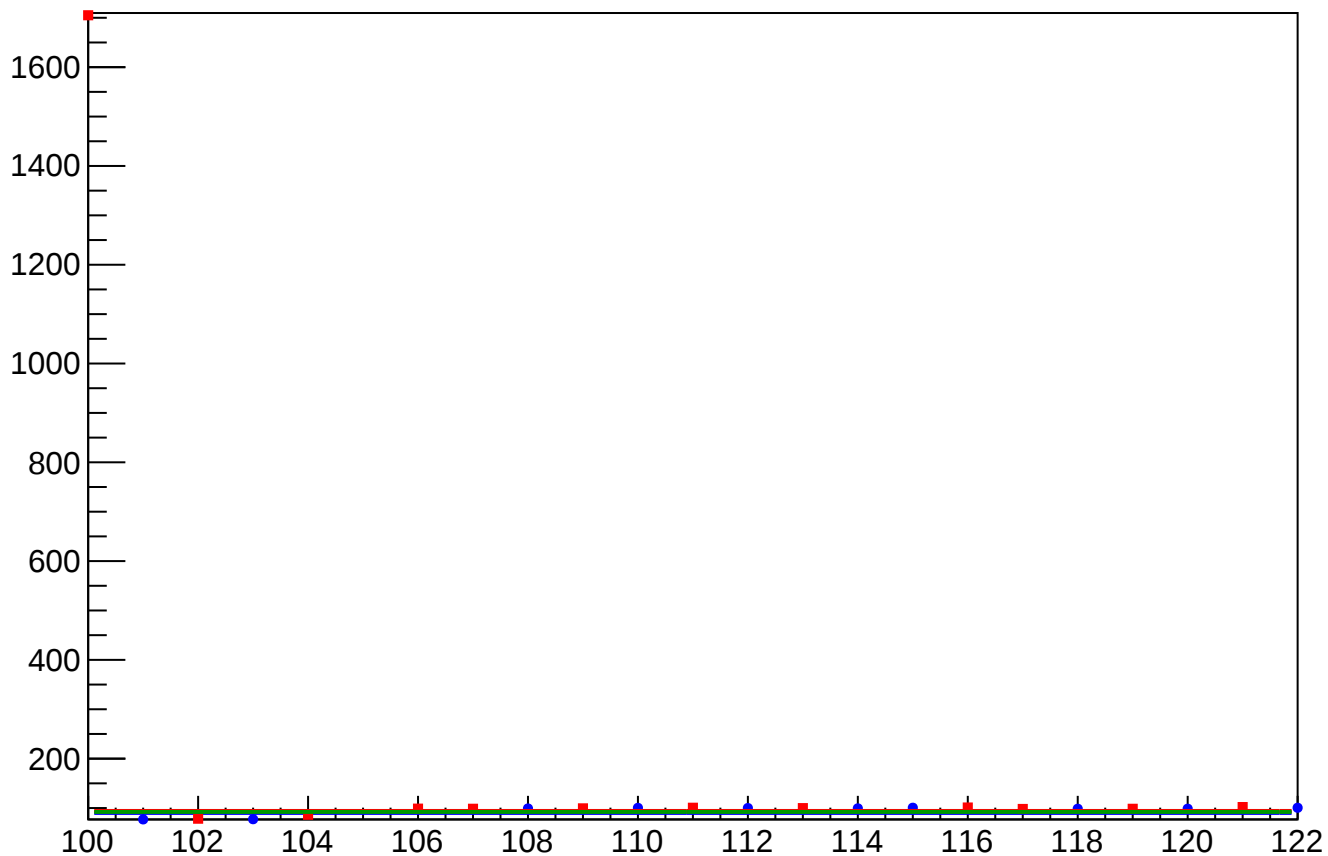
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-14.973+/-46.604 χ^2 /NDF: 7.1/9

-13.084+/-32.568 χ^2 /NDF: 17.9/21

-11.281+/-45.530 χ^2 /NDF: 10.8/11

asym_dsl_rms vs Slug, Sign Corrected



Right In: 90.133+/-0.033 χ^2/NDF : 113155.6/9

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

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

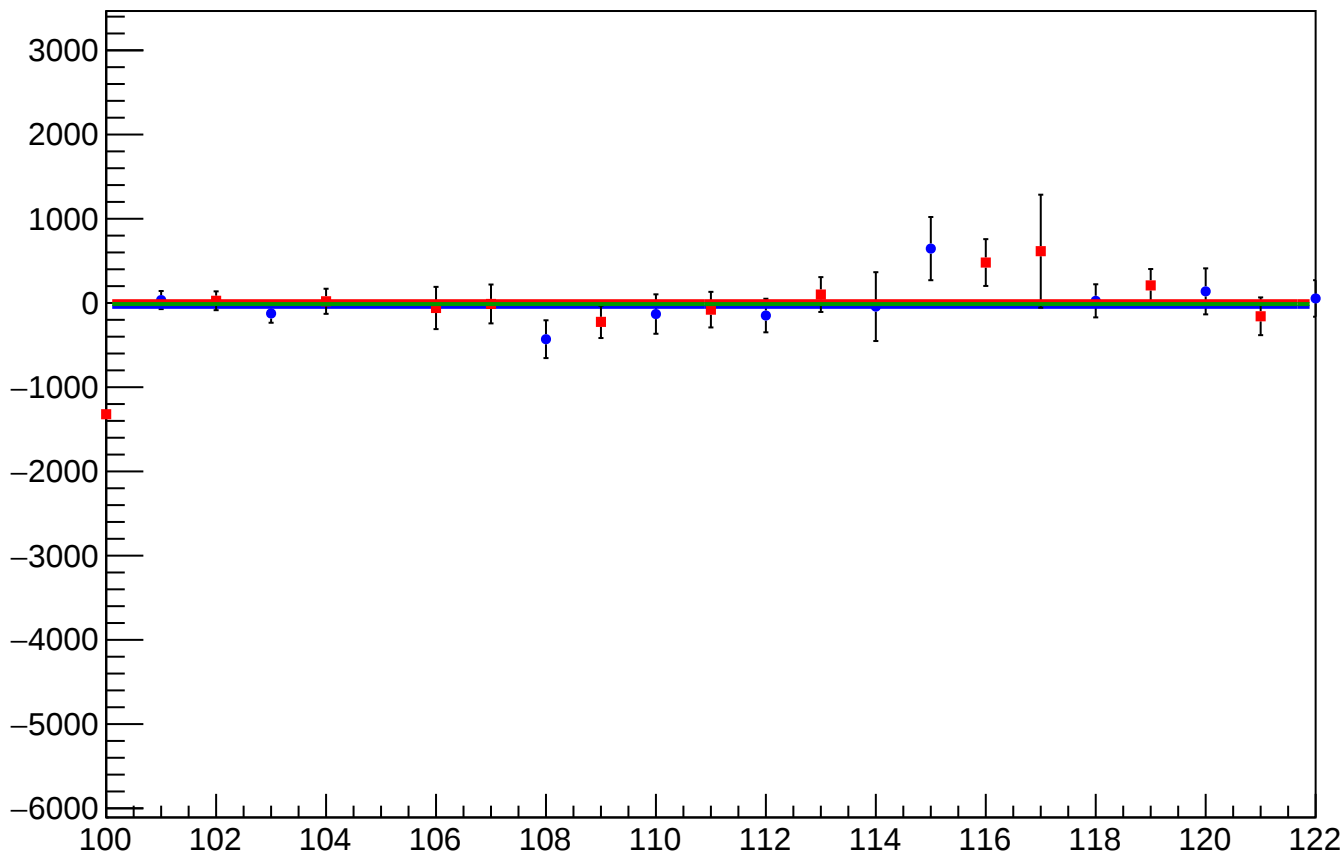
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

90.133+/-0.033 χ^2/NDF : 113155.6/9

92.146+/-0.023 χ^2/NDF : 319114.0/21

94.067+/-0.032 χ^2/NDF : 198666.9/11

reg_asym_dsr_mean vs Slug, Sign Corrected



Right In: -45.686+/-57.152 χ^2/NDF : 8.6/9

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

Right Out: 21.120+/-58.293 χ^2/NDF : 7.3/11

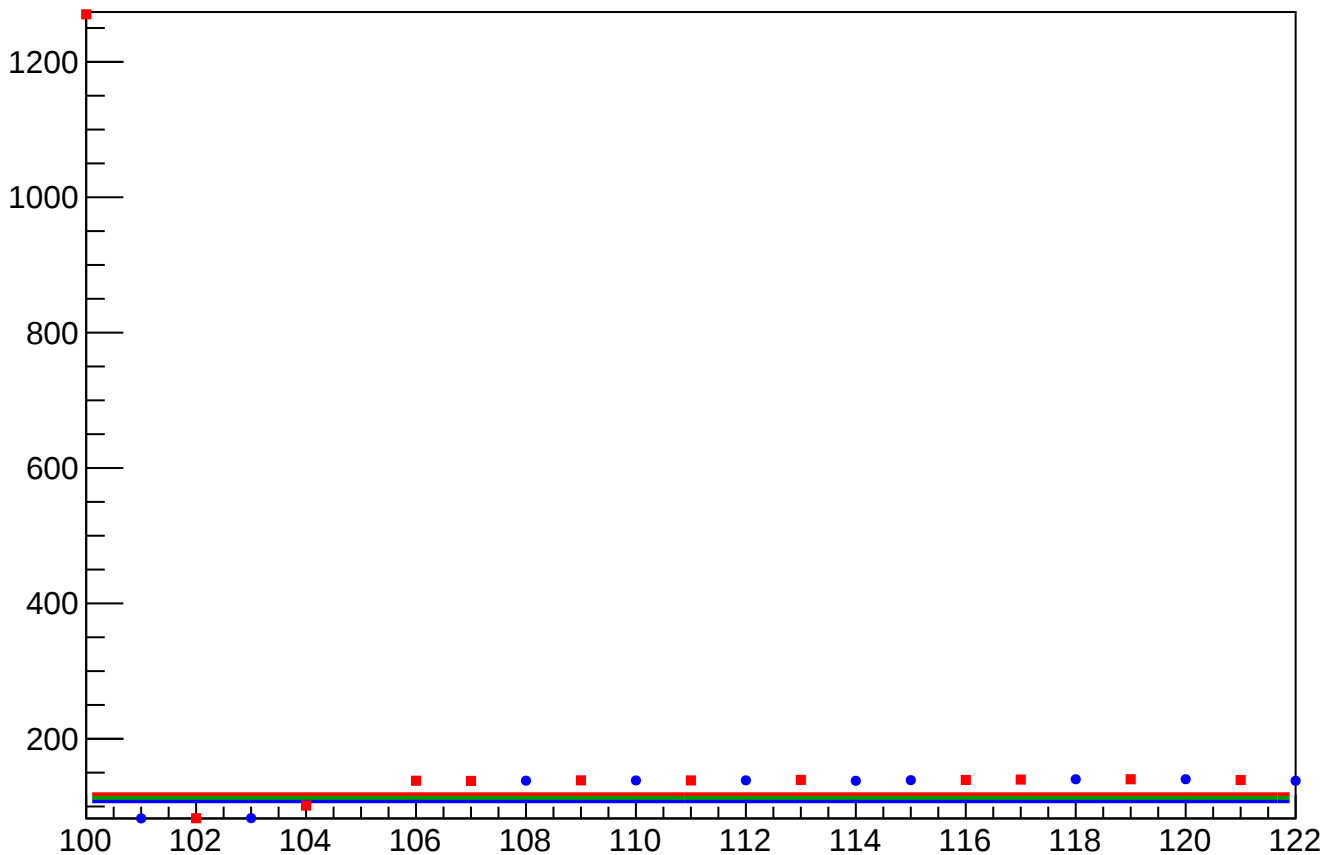
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-45.686+/-57.152 χ^2/NDF : 8.6/9

-12.943+/-40.810 χ^2/NDF : 16.6/21

21.120+/-58.293 χ^2/NDF : 7.3/11

reg_asym_dsr_rms vs Slug, Sign Corrected



Right In: 107.784+/-0.040 χ^2/NDF : 479916.0/9

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

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

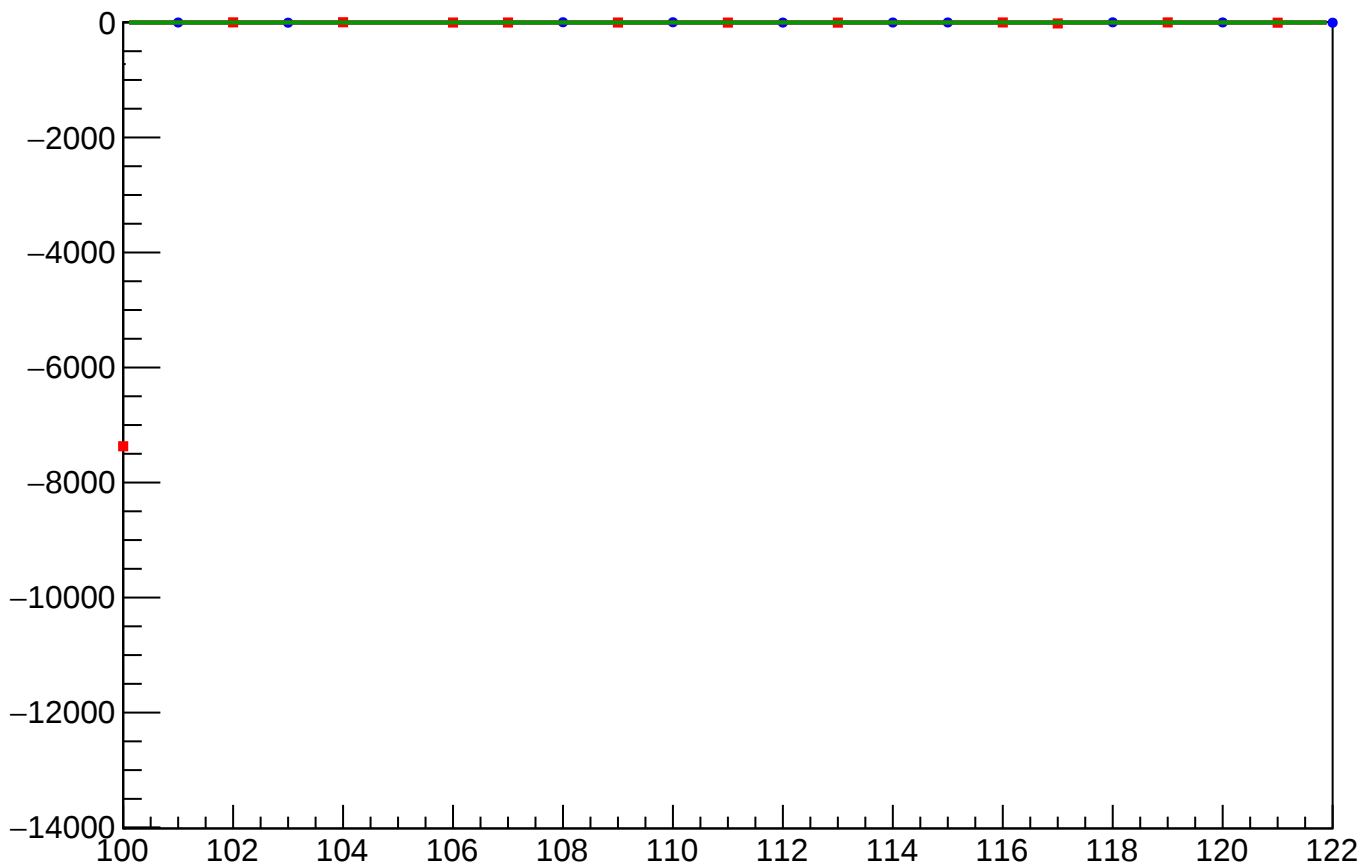
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

107.784+/-0.040 χ^2/NDF : 479916.0/9

112.808+/-0.029 χ^2/NDF : 1000413.0/21

118.033+/-0.041 χ^2/NDF : 488973.0/11

asym_dsr_correction_mean vs Slug, Sign Corrected



Right In: -1.280+/-0.994 χ^2/NDF : 7.2/9

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

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

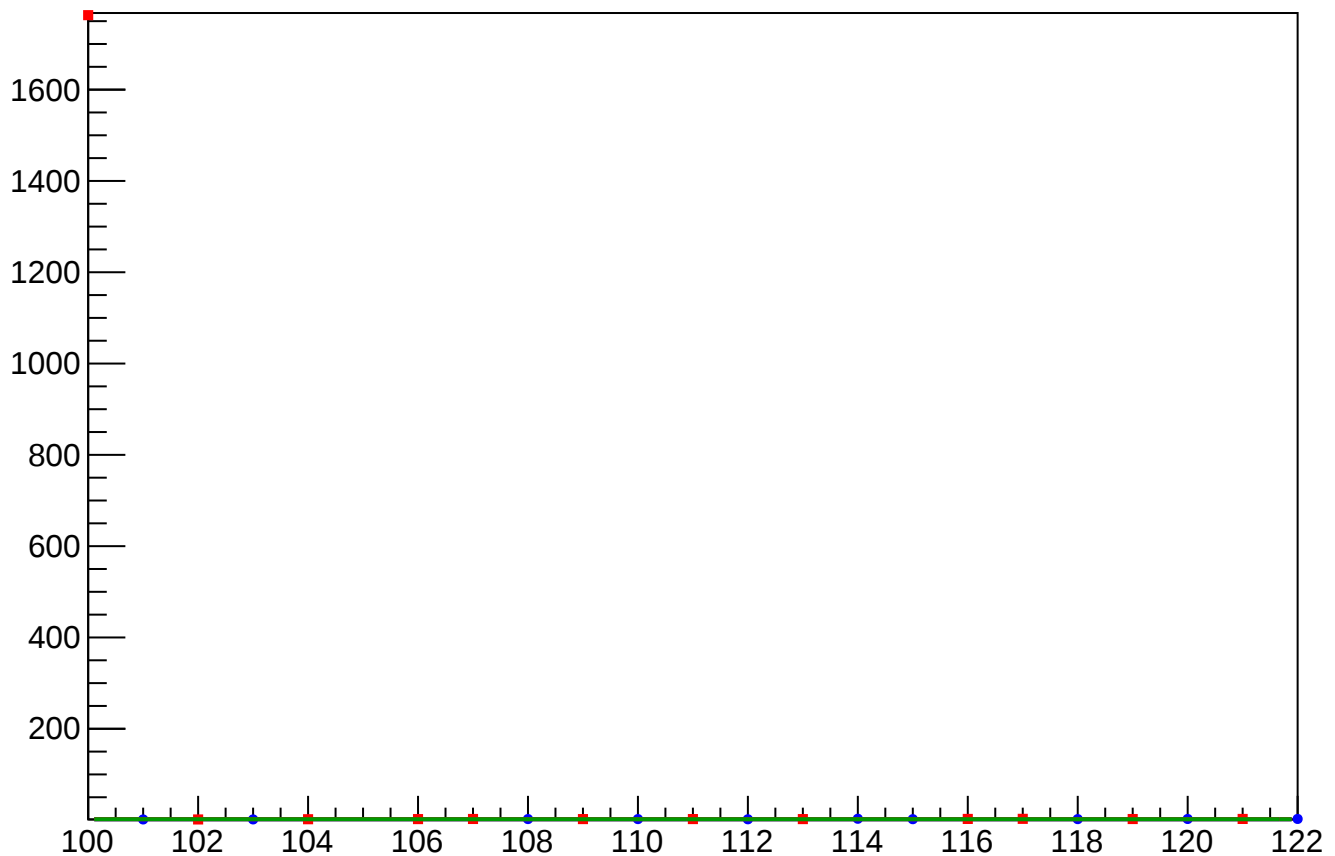
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.280+/-0.994 χ^2/NDF : 7.2/9

-0.759+/-0.723 χ^2/NDF : 15.4/21

-0.176+/-1.052 χ^2/NDF : 7.6/11

asym_dsr_correction_rms vs Slug, Sign Corrected



Right In: 1.746+/-0.001 χ^2/NDF : 333164.5/9

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

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

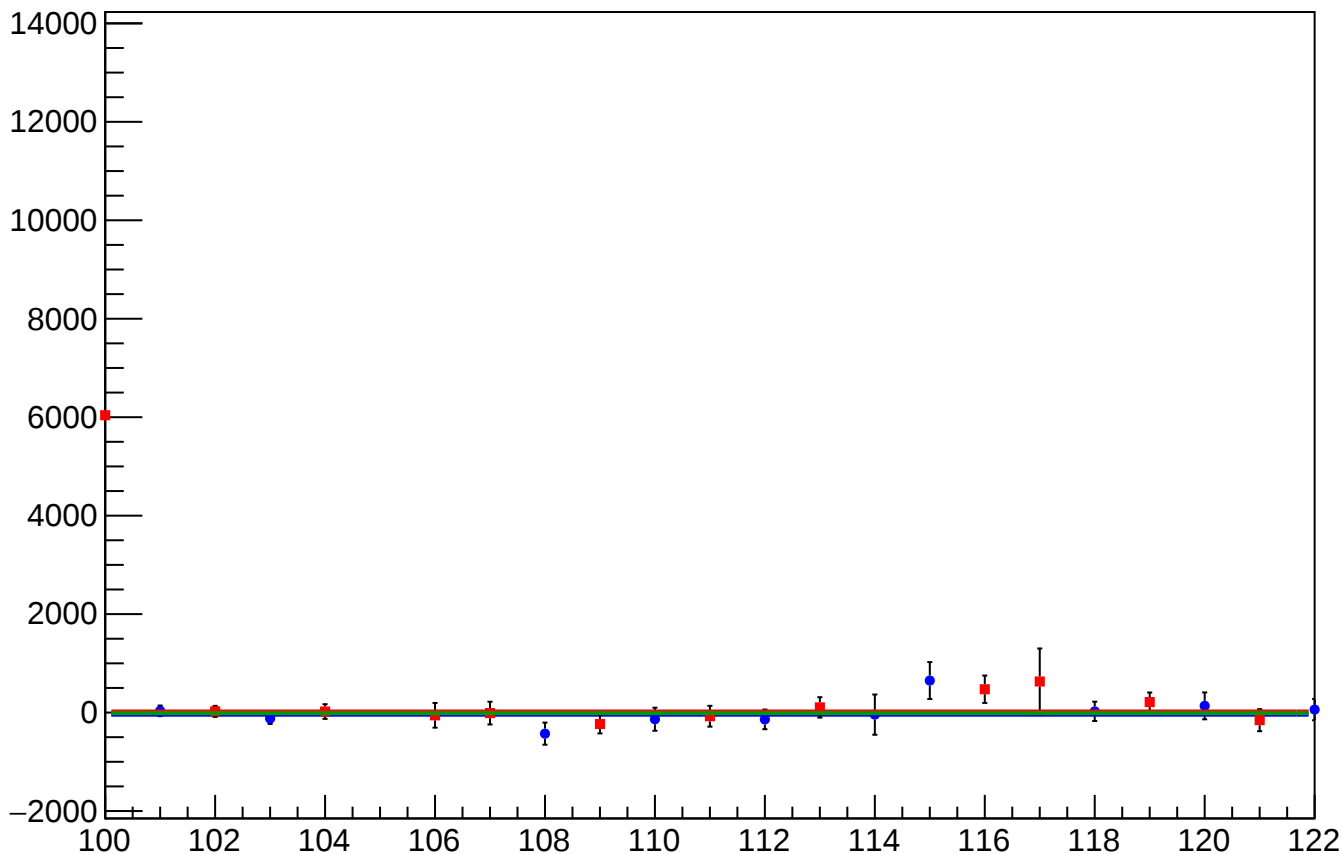
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.746+/-0.001 χ^2/NDF : 333164.5/9

1.854+/-0.001 χ^2/NDF : 833386.6/21

1.973+/-0.001 χ^2/NDF : 451031.1/11

asym_dsr_mean vs Slug, Sign Corrected



Right In: -43.429+/-57.167 χ^2 /NDF: 8.5/9

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

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

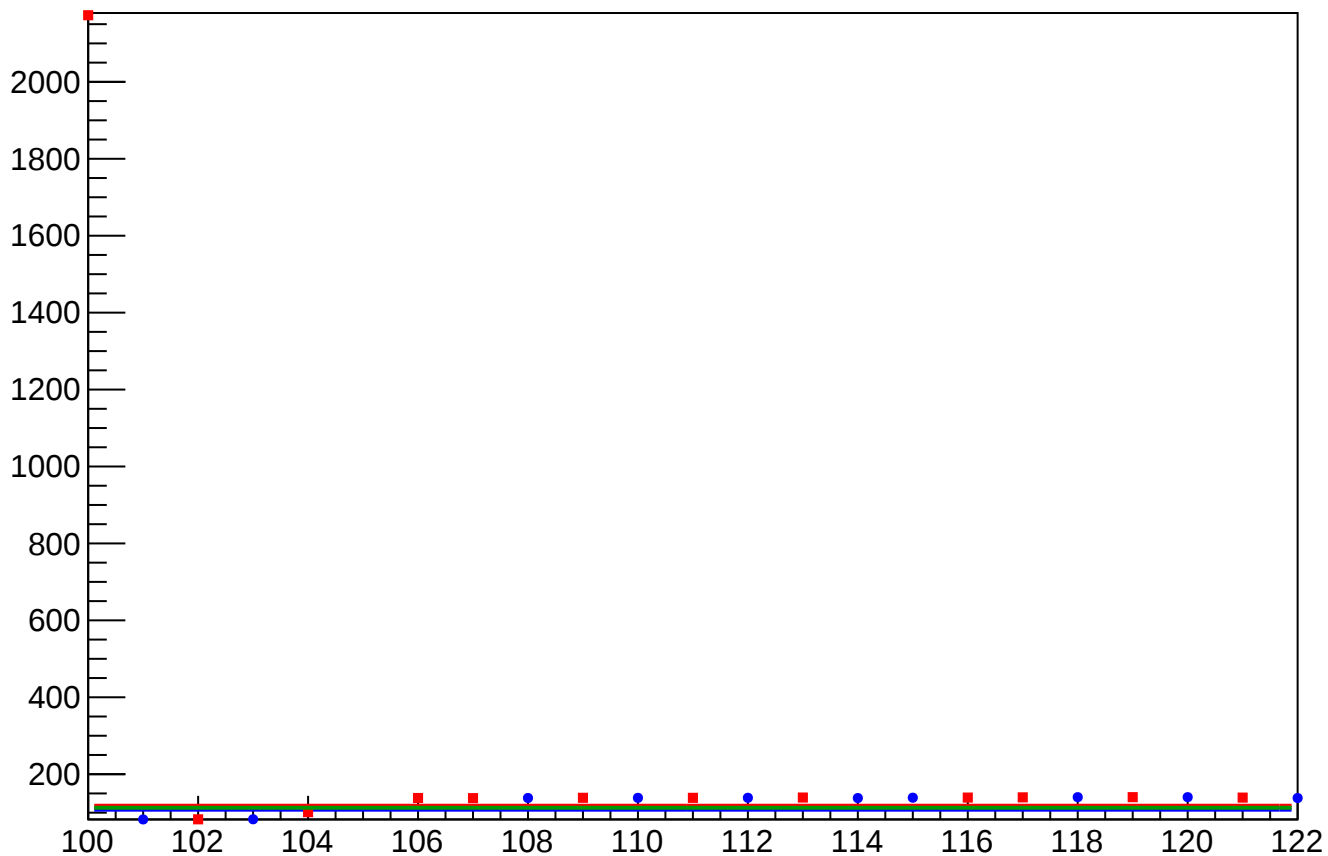
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-43.429+/-57.167 χ^2 /NDF: 8.5/9

-11.371+/-40.822 χ^2 /NDF: 17.0/21

21.984+/-58.312 χ^2 /NDF: 7.8/11

asym_dsr_rms vs Slug, Sign Corrected



Right In: 107.812 $\pm$ 0.040 χ^2 /NDF: 479903.3/9

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

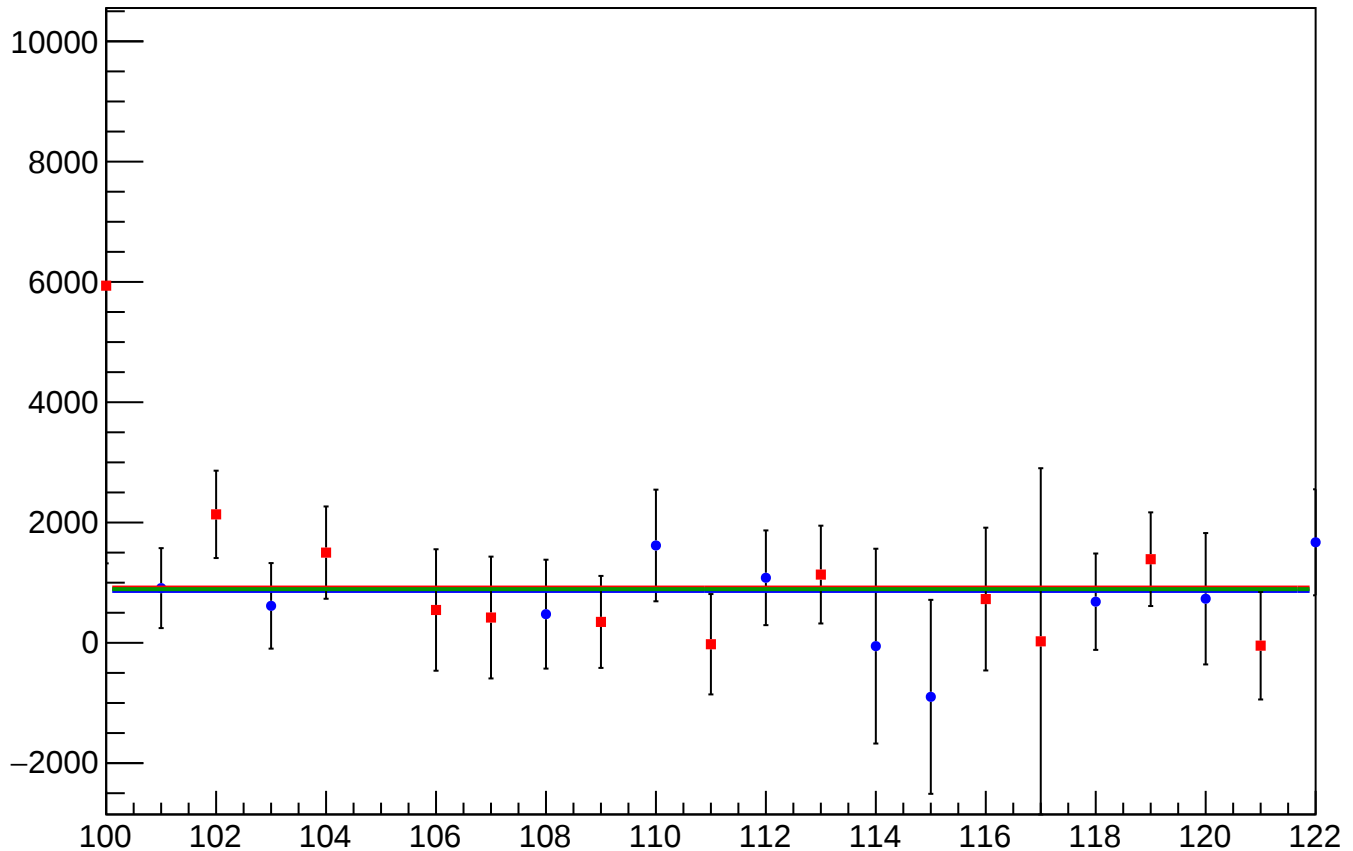
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

107.812 $\pm$ 0.040 χ^2 /NDF: 479903.3/9

112.805 $\pm$ 0.029 χ^2 /NDF: 1010062.7/21

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

reg_asym_left_avg_mean vs Slug, Sign Corrected



Right In: 862.886+/-280.780 χ^2/NDF : 3.5/9

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

Right Out: 919.043+/-267.394 χ^2/NDF : 8.5/11

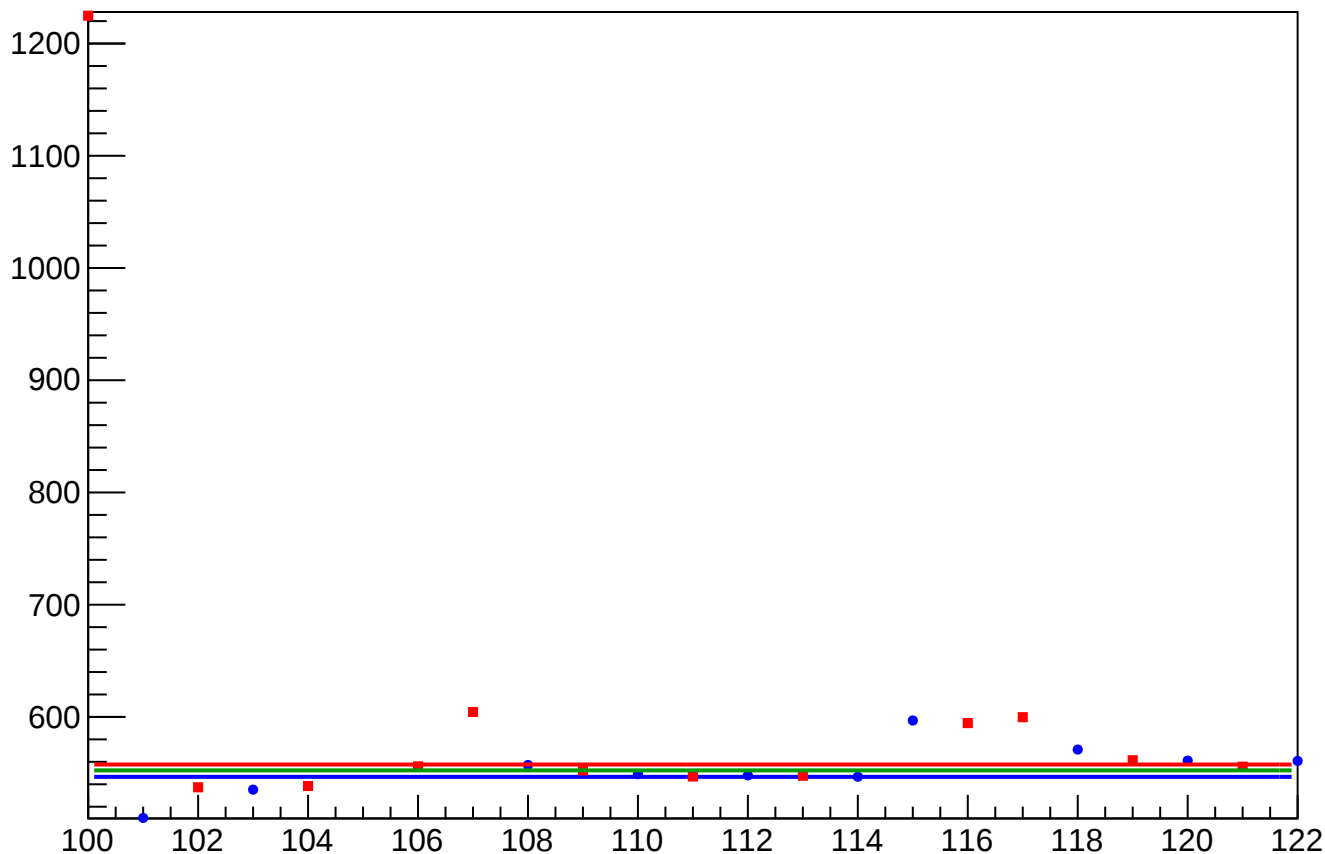
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

862.886+/-280.780 χ^2/NDF : 3.5/9

892.335+/-193.636 χ^2/NDF : 12.0/21

919.043+/-267.394 χ^2/NDF : 8.5/11

reg_asym_left_avg_rms vs Slug, Sign Corrected



Right In: 546.611+/-0.199 χ^2/NDF : 11524.0/9

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

Right Out: 557.609+/-0.189 χ^2/NDF : 52020.2/11

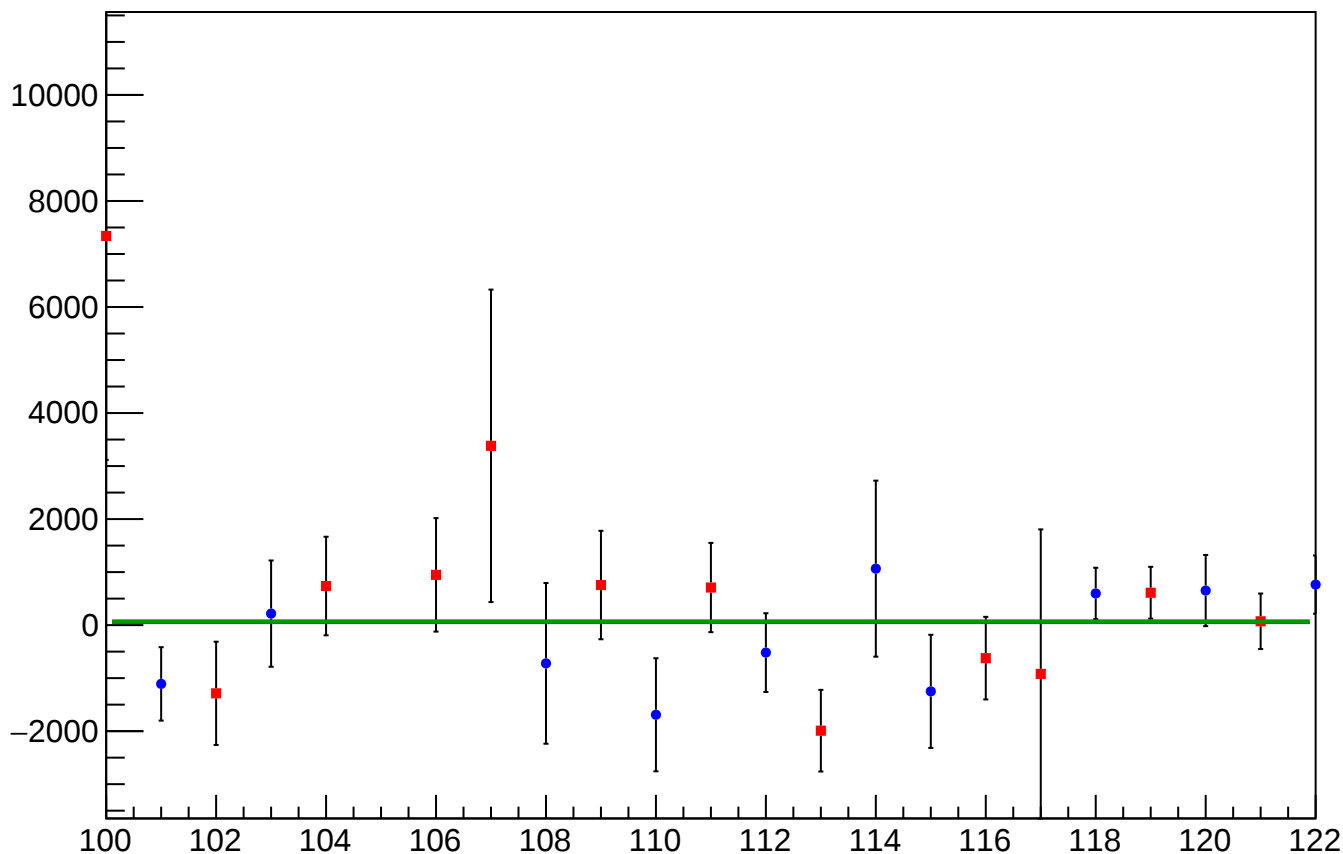
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

546.611+/-0.199 χ^2/NDF : 11524.0/9

552.379+/-0.137 χ^2/NDF : 65153.4/21

557.609+/-0.189 χ^2/NDF : 52020.2/11

asym_left_avg_correction_mean vs Slug, Sign Corrected



Right In: 56.901+/-240.773 χ^2/NDF : 12.0/9

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

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

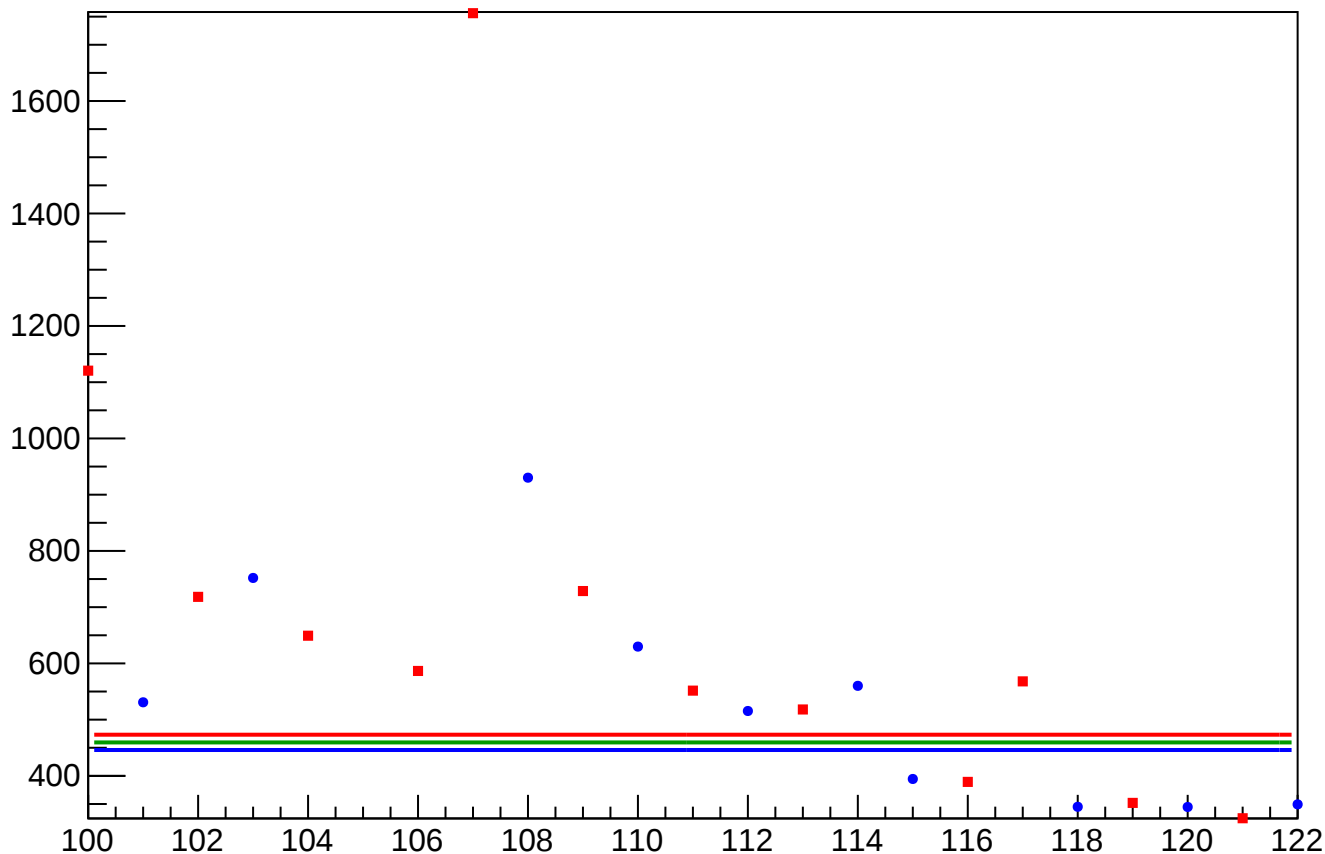
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

56.901+/-240.773 χ^2/NDF : 12.0/9

62.674+/-171.041 χ^2/NDF : 29.7/21

68.556+/-243.020 χ^2/NDF : 17.7/11

asym_left_avg_correction_rms vs Slug, Sign Corrected



Right In: 446.021+/-0.170 χ^2/NDF : 705858.2/9

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

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

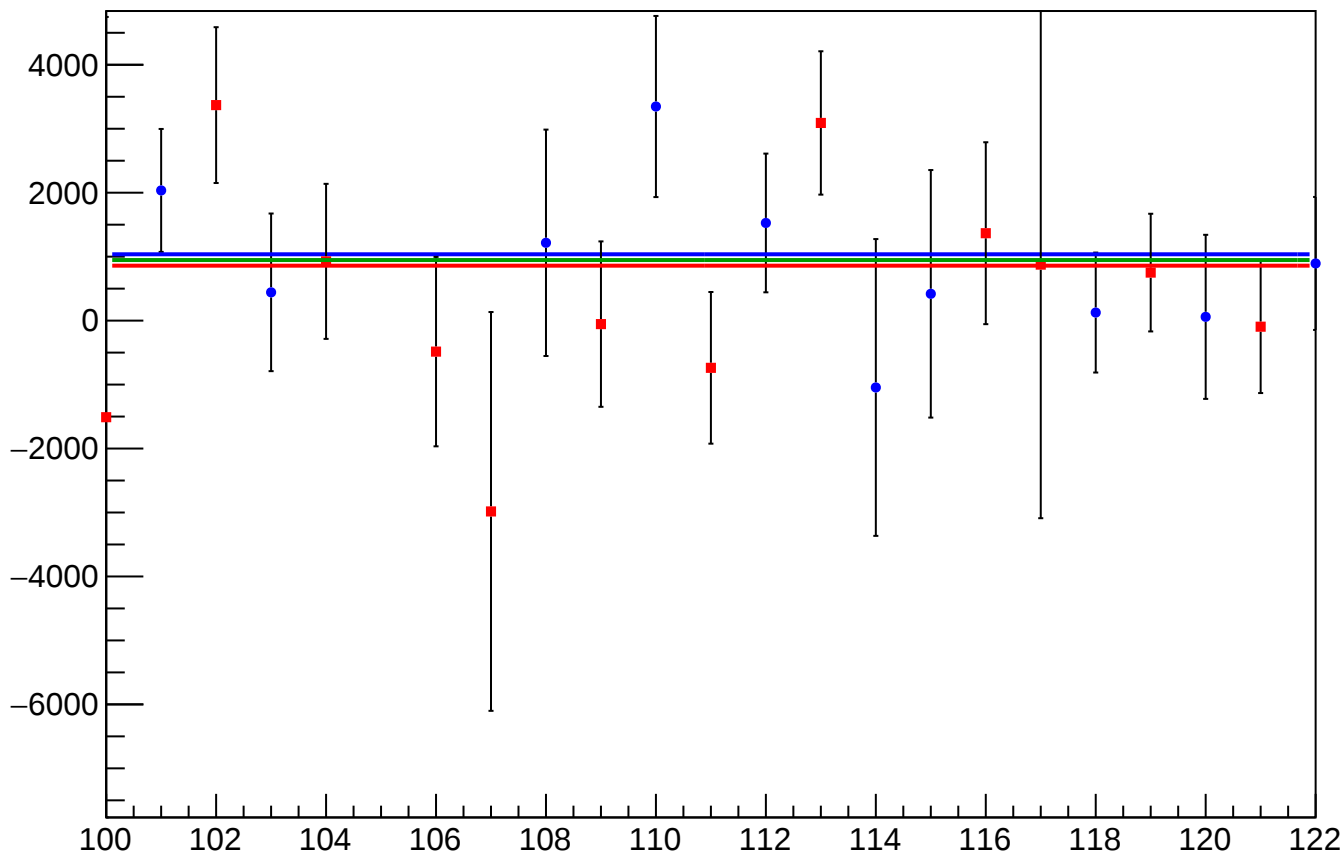
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

446.021+/-0.170 χ^2/NDF : 705858.2/9

459.498+/-0.121 χ^2/NDF : 1824103.1/21

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

asym_left_avg_mean vs Slug, Sign Corrected



Right In: 1037.156+/-391.227 χ^2/NDF : 6.6/9

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

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

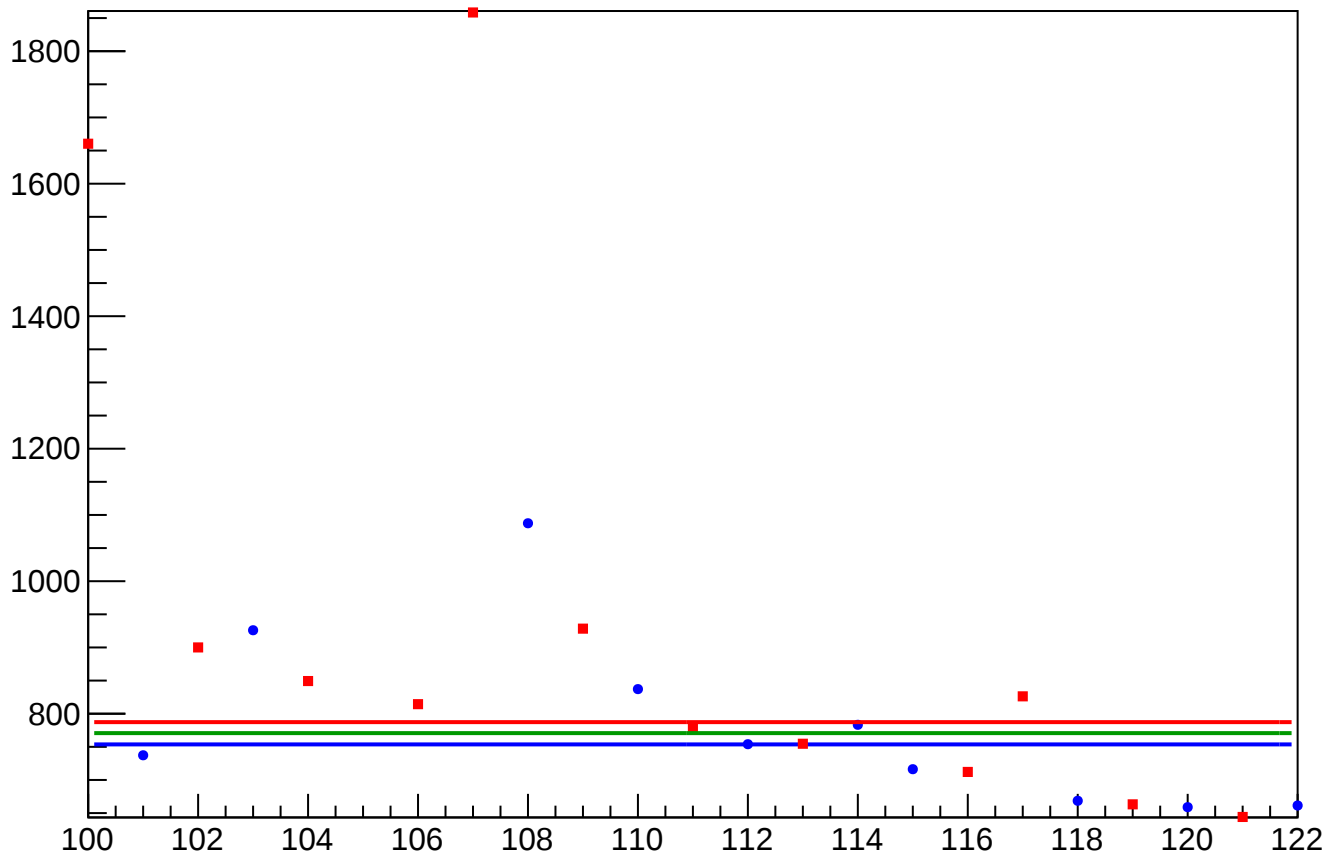
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1037.156+/-391.227 χ^2/NDF : 6.6/9

946.976+/-274.748 χ^2/NDF : 20.7/21

859.221+/-385.932 χ^2/NDF : 14.0/11

asym_left_avg_rms vs Slug, Sign Corrected



Right In: 753.663+/-0.277 χ^2/NDF : 161977.4/9

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

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

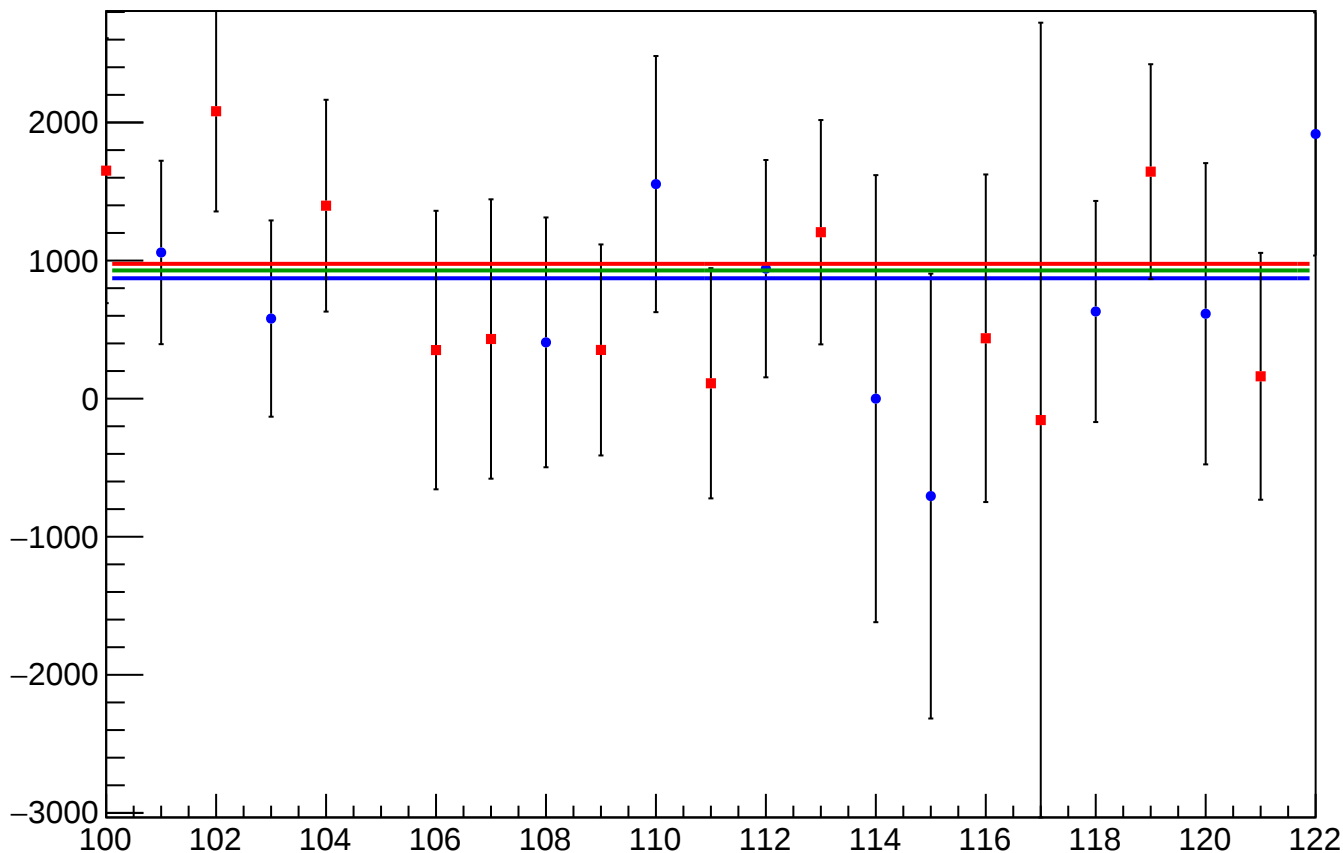
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

753.663+/-0.277 χ^2/NDF : 161977.4/9

770.703+/-0.194 χ^2/NDF : 573441.1/21

787.285+/-0.273 χ^2/NDF : 403977.5/11

reg_asym_left_dd_mean vs Slug, Sign Corrected



Right In: 871.868+/-280.561 χ^2/NDF : 3.9/9

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

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

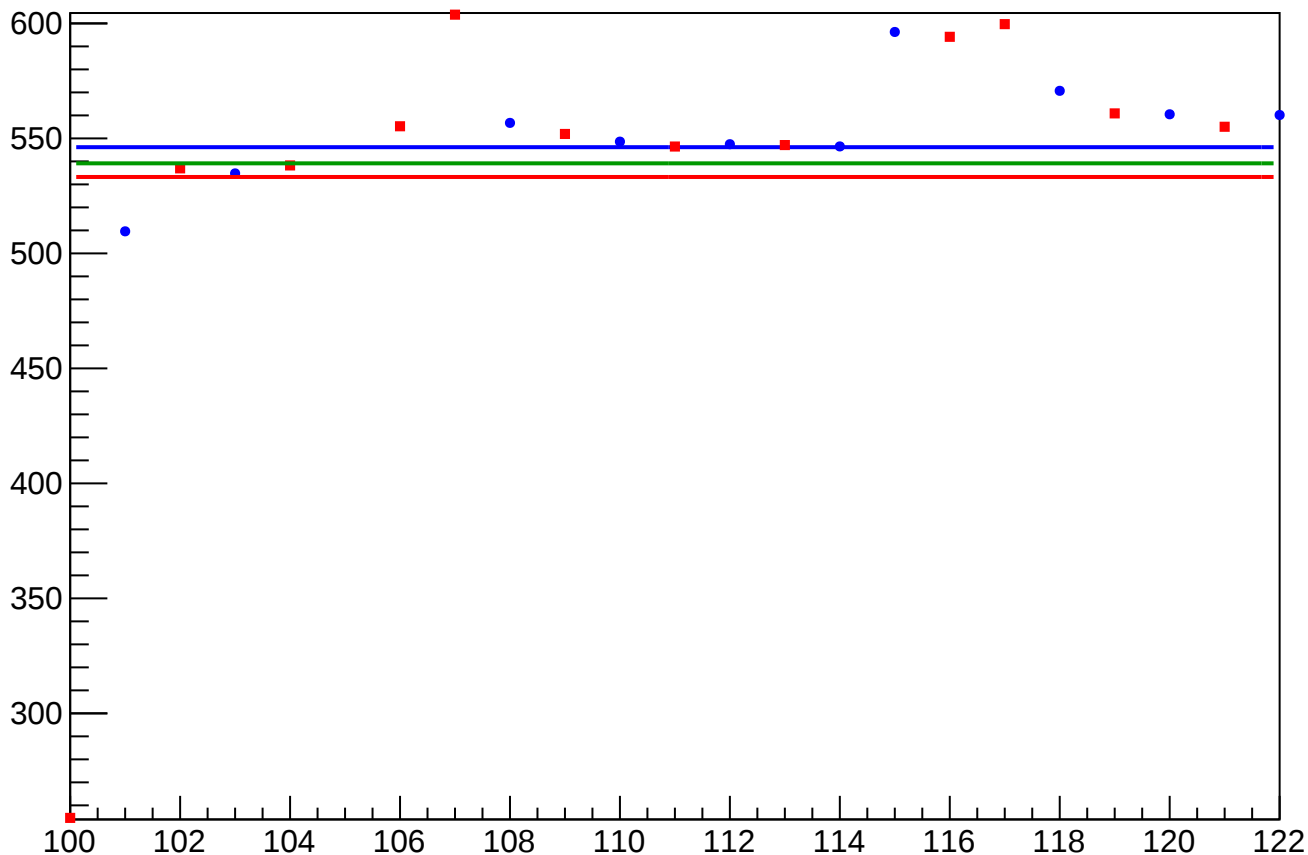
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

871.868+/-280.561 χ^2/NDF : 3.9/9

928.509+/-189.823 χ^2/NDF : 11.5/21

976.326+/-257.783 χ^2/NDF : 7.5/11

reg_asym_left_dd_rms vs Slug, Sign Corrected



Right In: 546.184 ± 0.198 χ^2/NDF : 11533.7/9

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

Right Out: 533.227 ± 0.182 χ^2/NDF : 191929.3/11

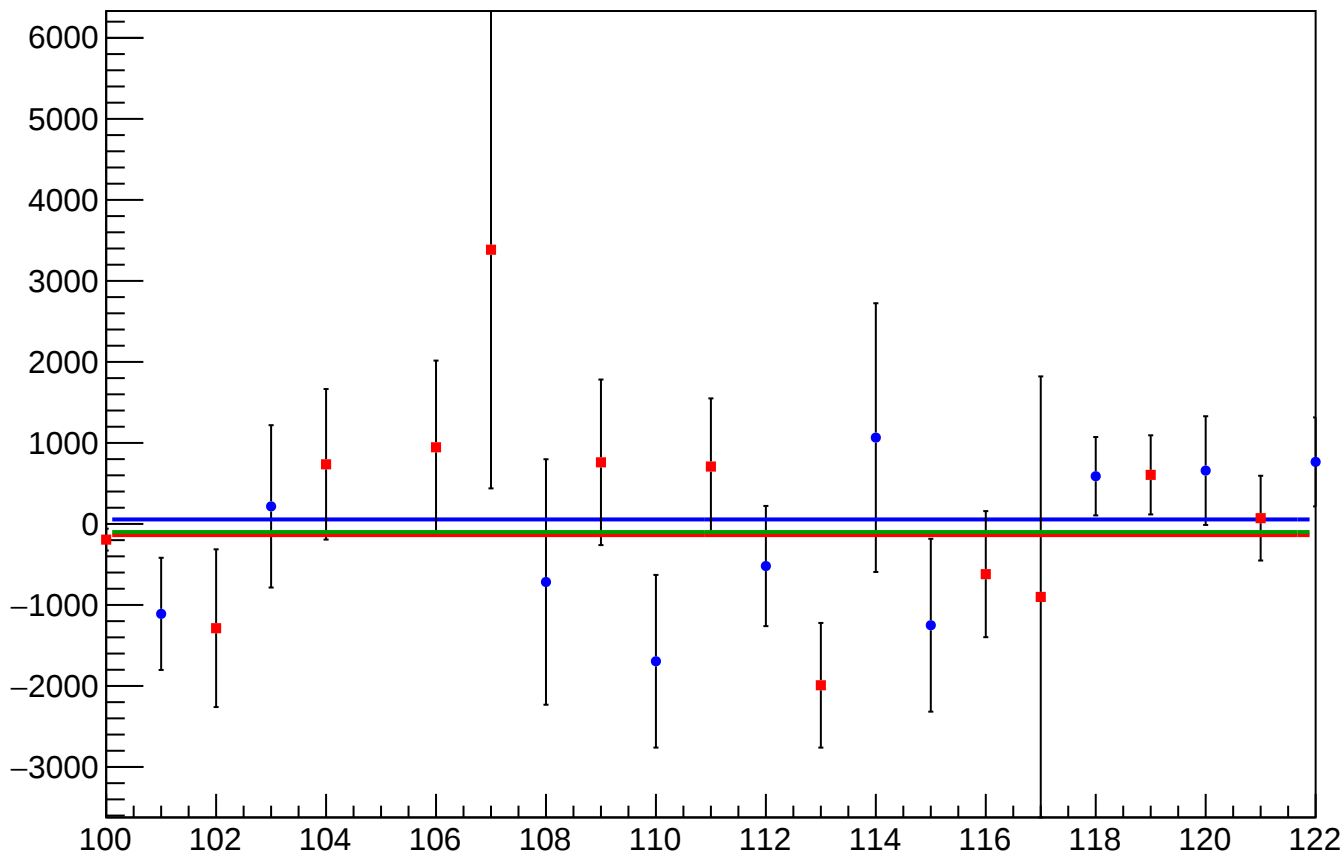
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

546.184 ± 0.198 χ^2/NDF : 11533.7/9

539.158 ± 0.134 χ^2/NDF : 205776.0/21

533.227 ± 0.182 χ^2/NDF : 191929.3/11

asym_left_dd_correction_mean vs Slug, Sign Corrected



Right In: 55.504 $\pm$ 240.692 χ^2 /NDF: 12.0/9

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

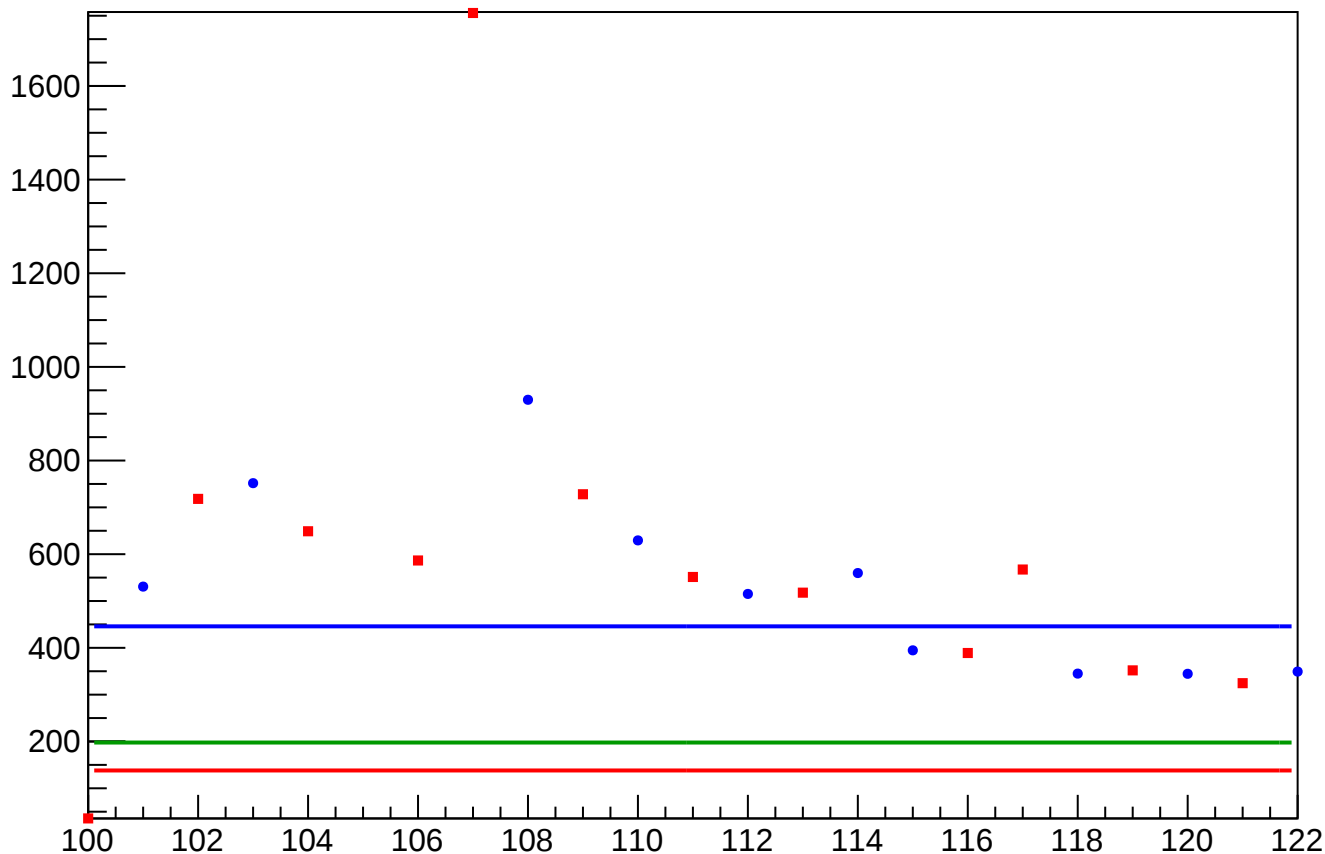
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

55.504 $\pm$ 240.692 χ^2 /NDF: 12.0/9

-100.300 $\pm$ 105.968 χ^2 /NDF: 27.9/21

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

asym_left_dd_correction_rms vs Slug, Sign Corrected



Right In: 445.885+/-0.170 χ^2/NDF : 705629.6/9

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

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

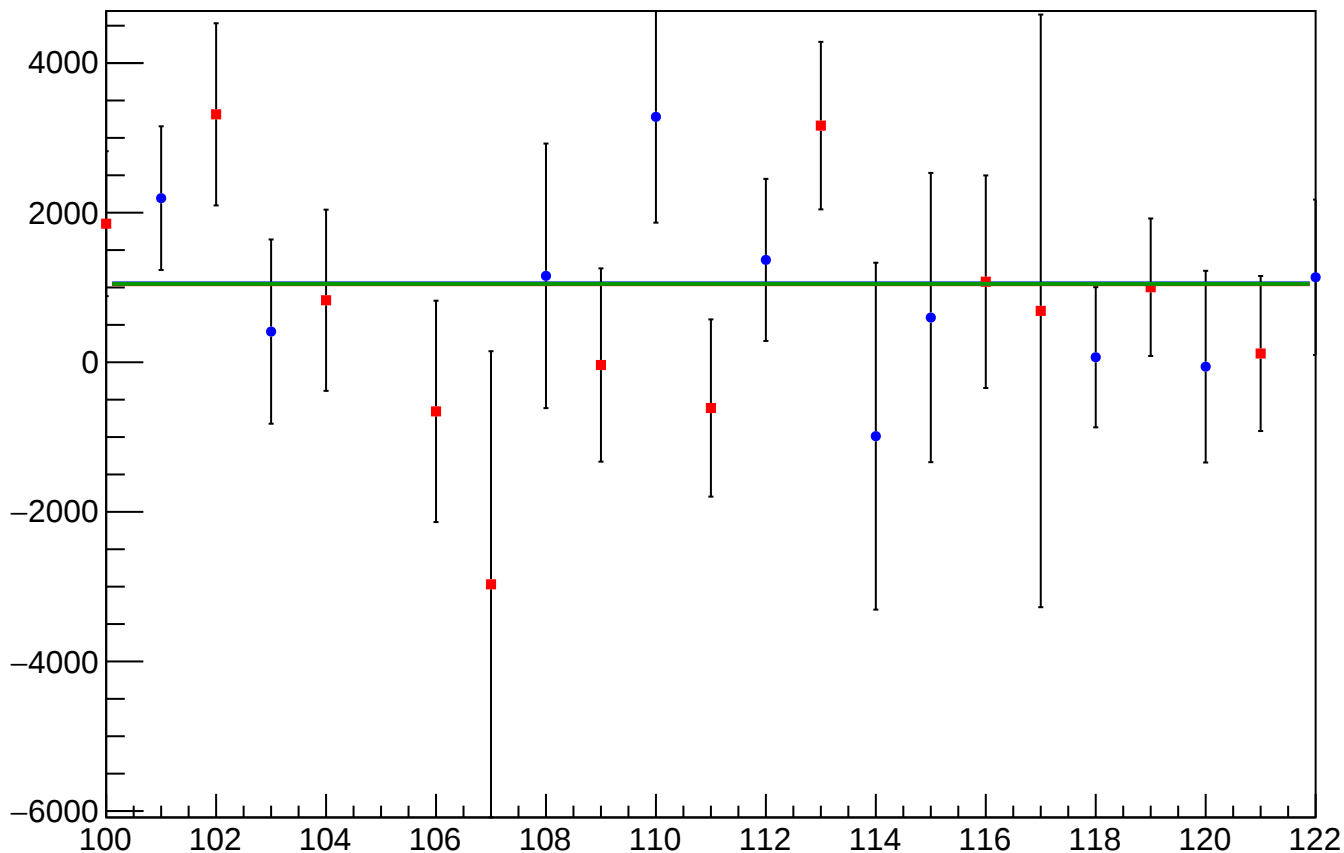
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

445.885+/-0.170 χ^2/NDF : 705629.6/9

197.743+/-0.075 χ^2/NDF : 9293358.9/21

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

asym_left_dd_mean vs Slug, Sign Corrected



Right In: 1053.616+/-390.983 χ^2/NDF : 6.9/9

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

Right Out: 1044.411+/-358.921 χ^2/NDF : 14.2/11

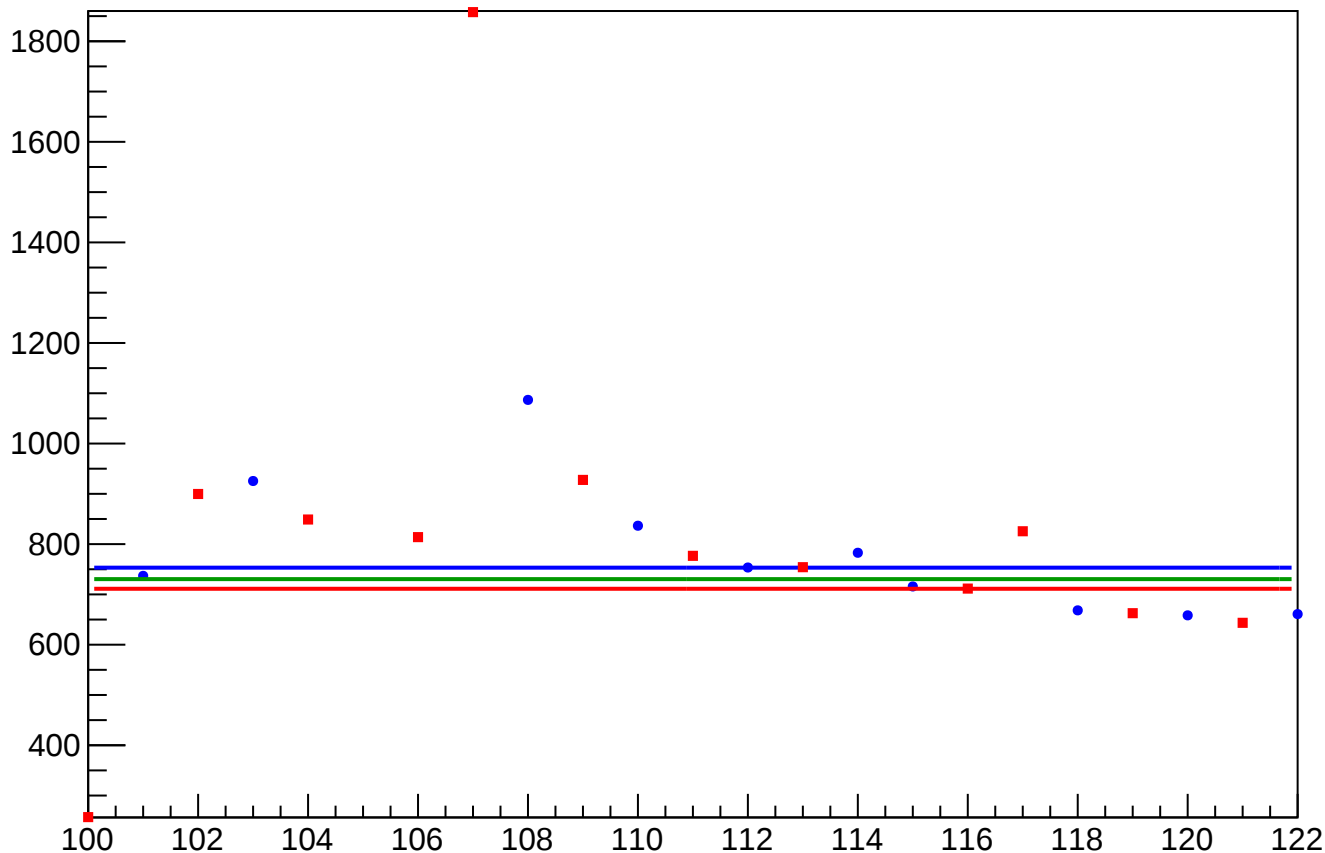
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1053.616+/-390.983 χ^2/NDF : 6.9/9

1048.620+/-264.405 χ^2/NDF : 21.2/21

1044.411+/-358.921 χ^2/NDF : 14.2/11

asym_left_dd_rms vs Slug, Sign Corrected



Right In: 753.190 $\pm$ 0.276 χ^2 /NDF: 162084.8/9

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

Right Out: 711.200 $\pm$ 0.254 χ^2 /NDF: 874228.5/11

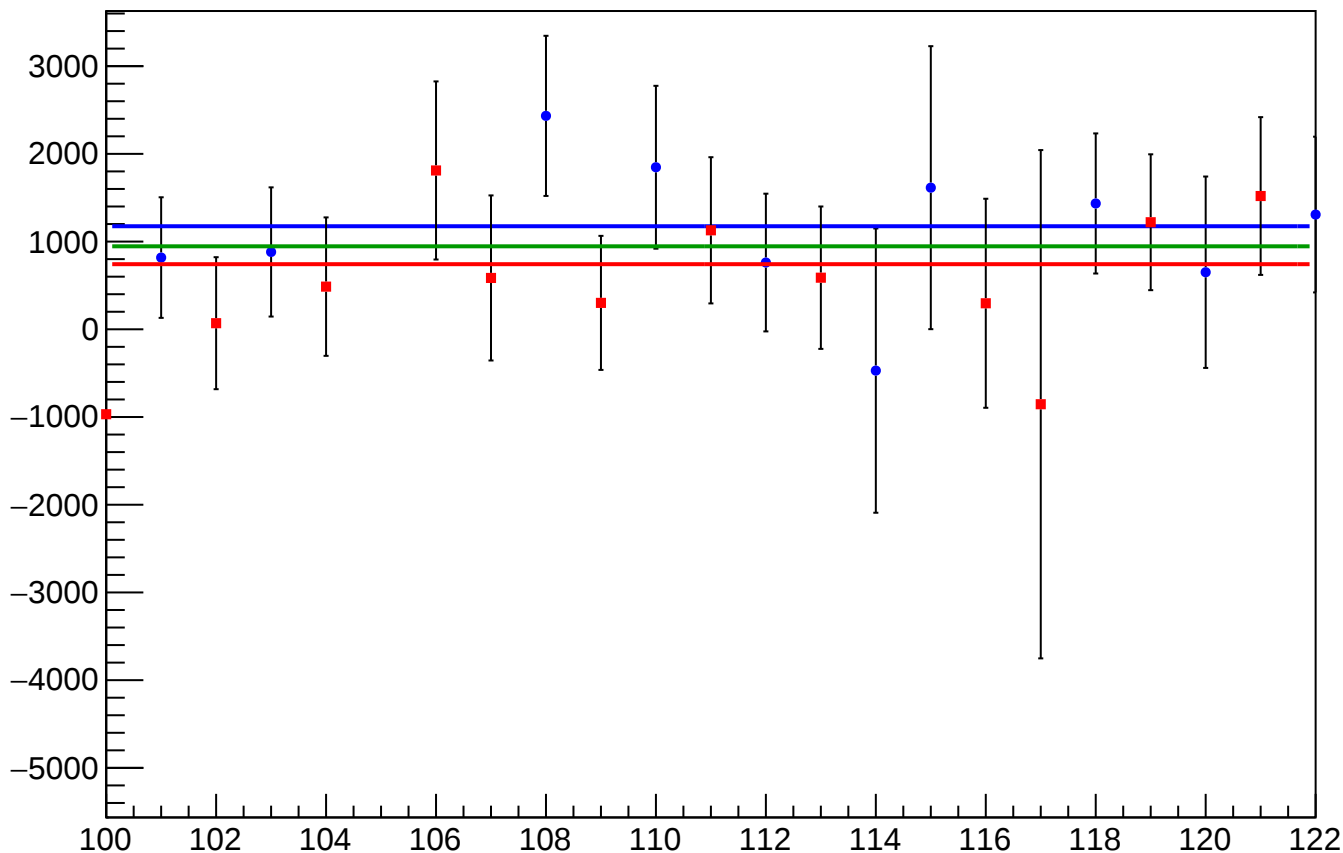
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

753.190 $\pm$ 0.276 χ^2 /NDF: 162084.8/9

730.403 $\pm$ 0.187 χ^2 /NDF: 1048832.1/21

711.200 $\pm$ 0.254 χ^2 /NDF: 874228.5/11

reg_asym_right_avg_mean vs Slug, Sign Corrected



Right In: 1174.940+/-284.147 χ^2/NDF : 4.6/9

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

Right Out: 742.350+/-268.057 χ^2/NDF : 4.3/11

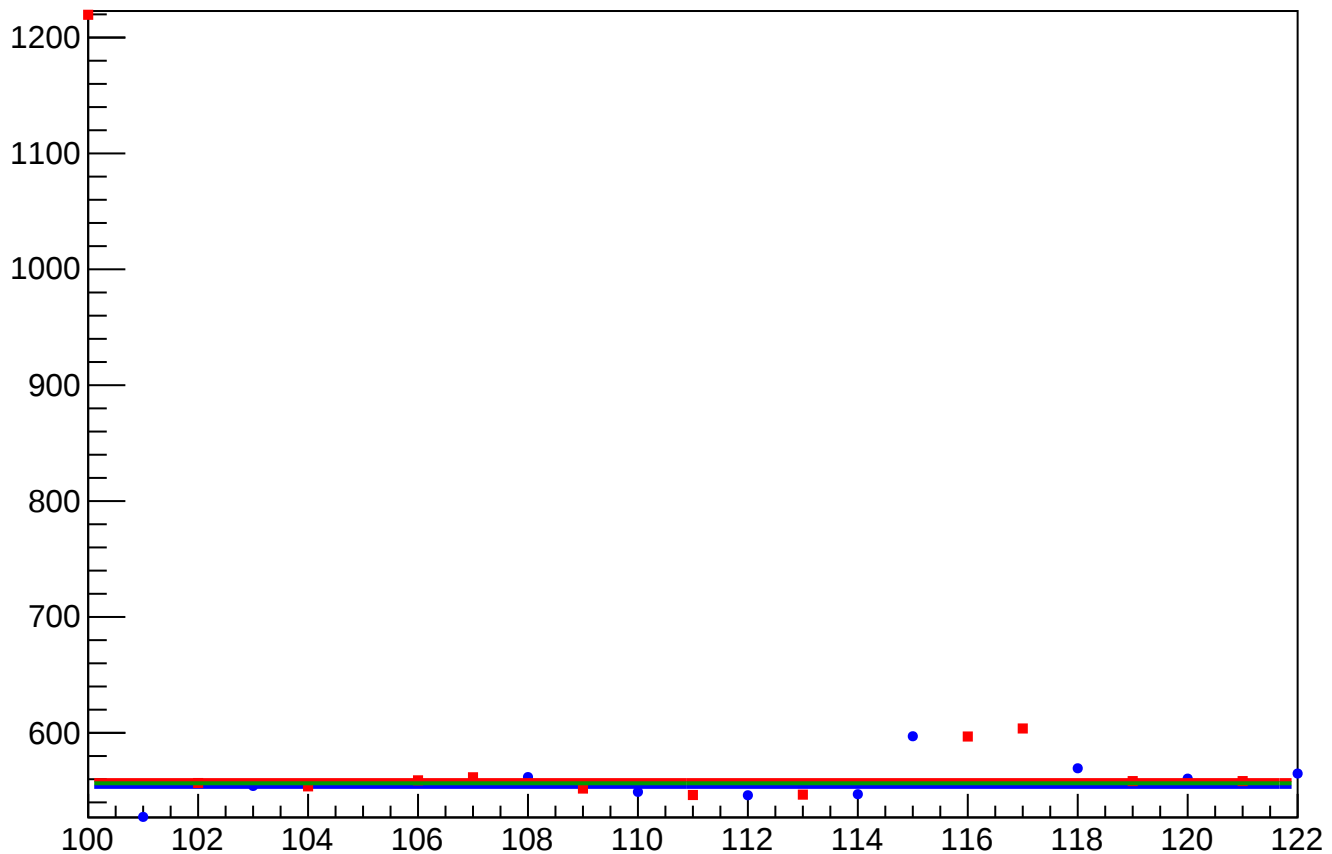
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1174.940+/-284.147 χ^2/NDF : 4.6/9

946.051+/-194.985 χ^2/NDF : 10.2/21

742.350+/-268.057 χ^2/NDF : 4.3/11

reg_asym_right_avg_rms vs Slug, Sign Corrected



Right In: 553.398 $\pm$ 0.201 χ^2 /NDF: 5953.3/9

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

Right Out: 559.223 $\pm$ 0.190 χ^2 /NDF: 45017.0/11

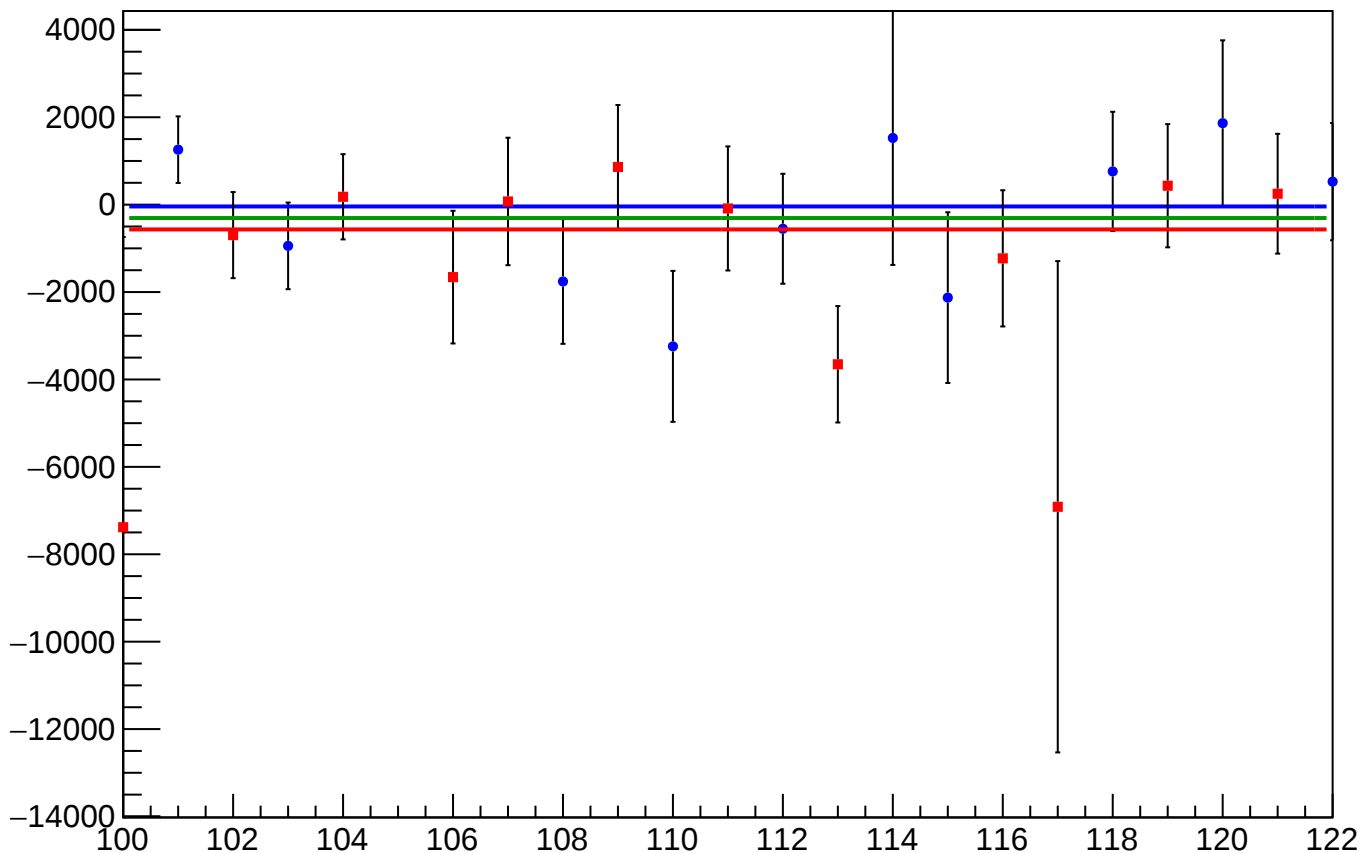
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

553.398 $\pm$ 0.201 χ^2 /NDF: 5953.3/9

556.480 $\pm$ 0.138 χ^2 /NDF: 51414.9/21

559.223 $\pm$ 0.190 χ^2 /NDF: 45017.0/11

asym_right_avg_correction_mean vs Slug, Sign Corrected



Right In: -41.272+/-409.880 χ^2/NDF : 11.8/9

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

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

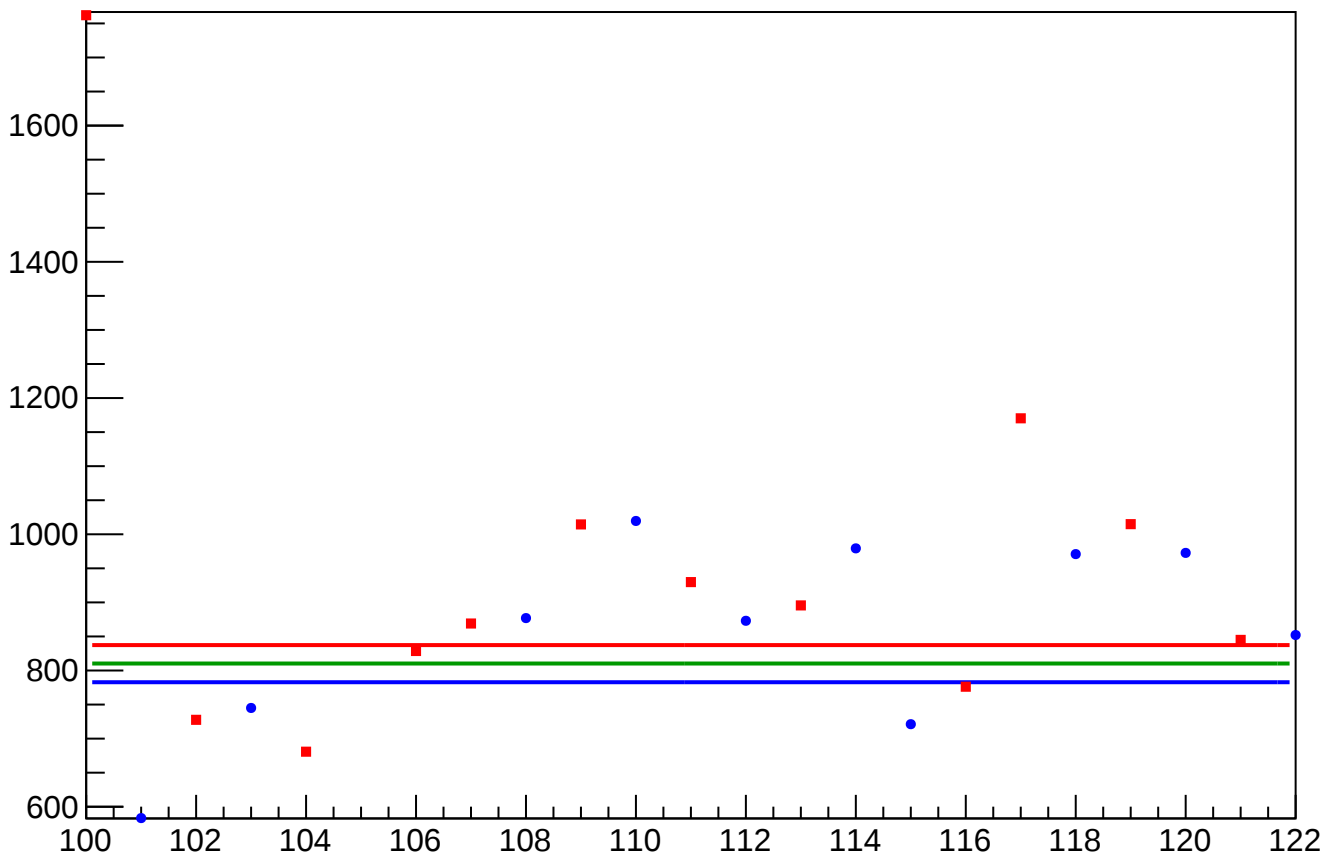
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-41.272+/-409.880 χ^2/NDF : 11.8/9

-306.094+/-288.698 χ^2/NDF : 23.8/21

-566.821+/-406.699 χ^2/NDF : 11.2/11

asym_right_avg_correction_rms vs Slug, Sign Corrected



Right In: 782.795+/-0.290 χ^2/NDF : 271237.2/9

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

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

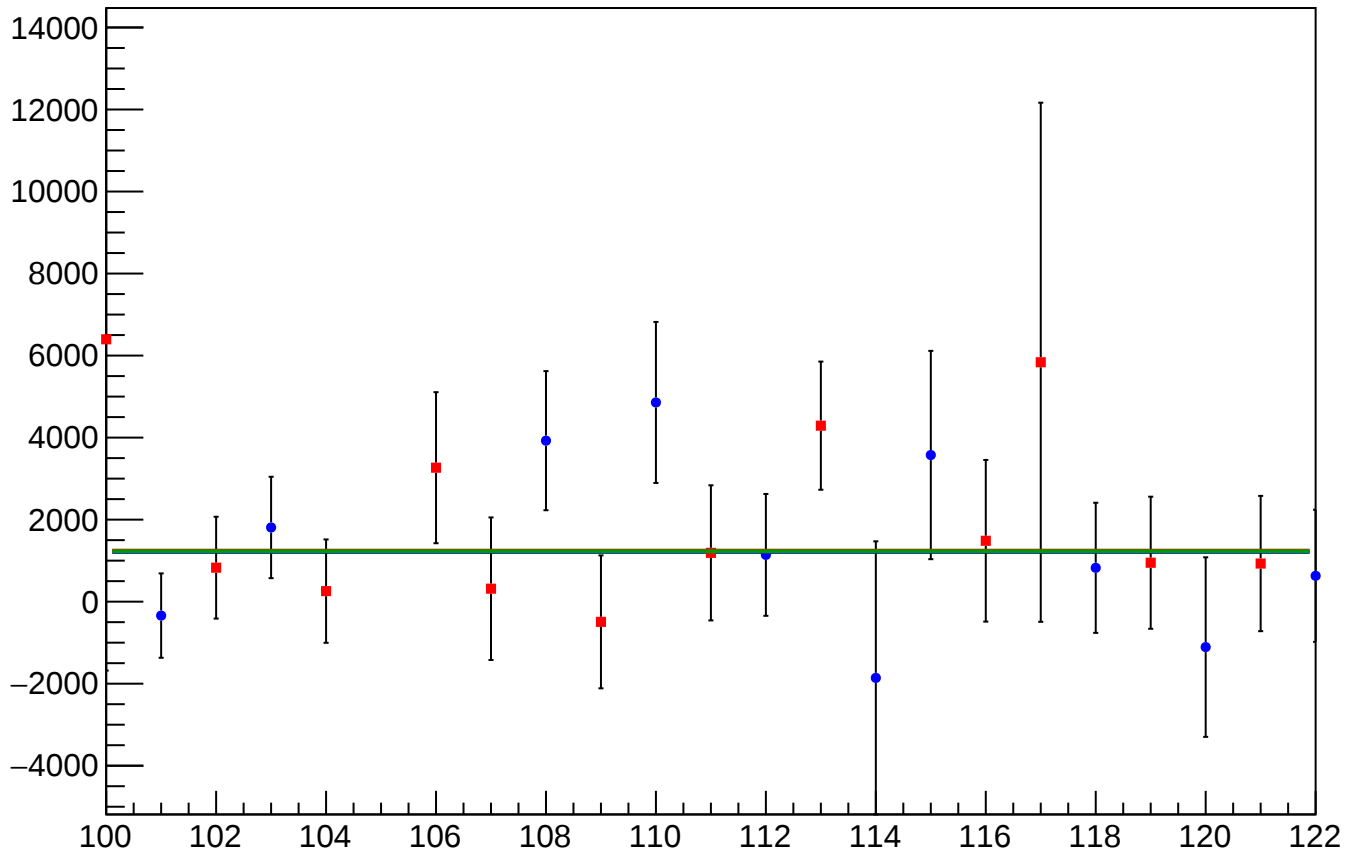
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

782.795+/-0.290 χ^2/NDF : 271237.2/9

810.269+/-0.204 χ^2/NDF : 490619.1/21

837.319+/-0.288 χ^2/NDF : 201548.1/11

asym_right_avg_mean vs Slug, Sign Corrected



Right In: 1214.215+/-506.577 χ^2/NDF : 11.5/9

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

Right Out: 1241.892+/-492.995 χ^2/NDF : 8.2/11

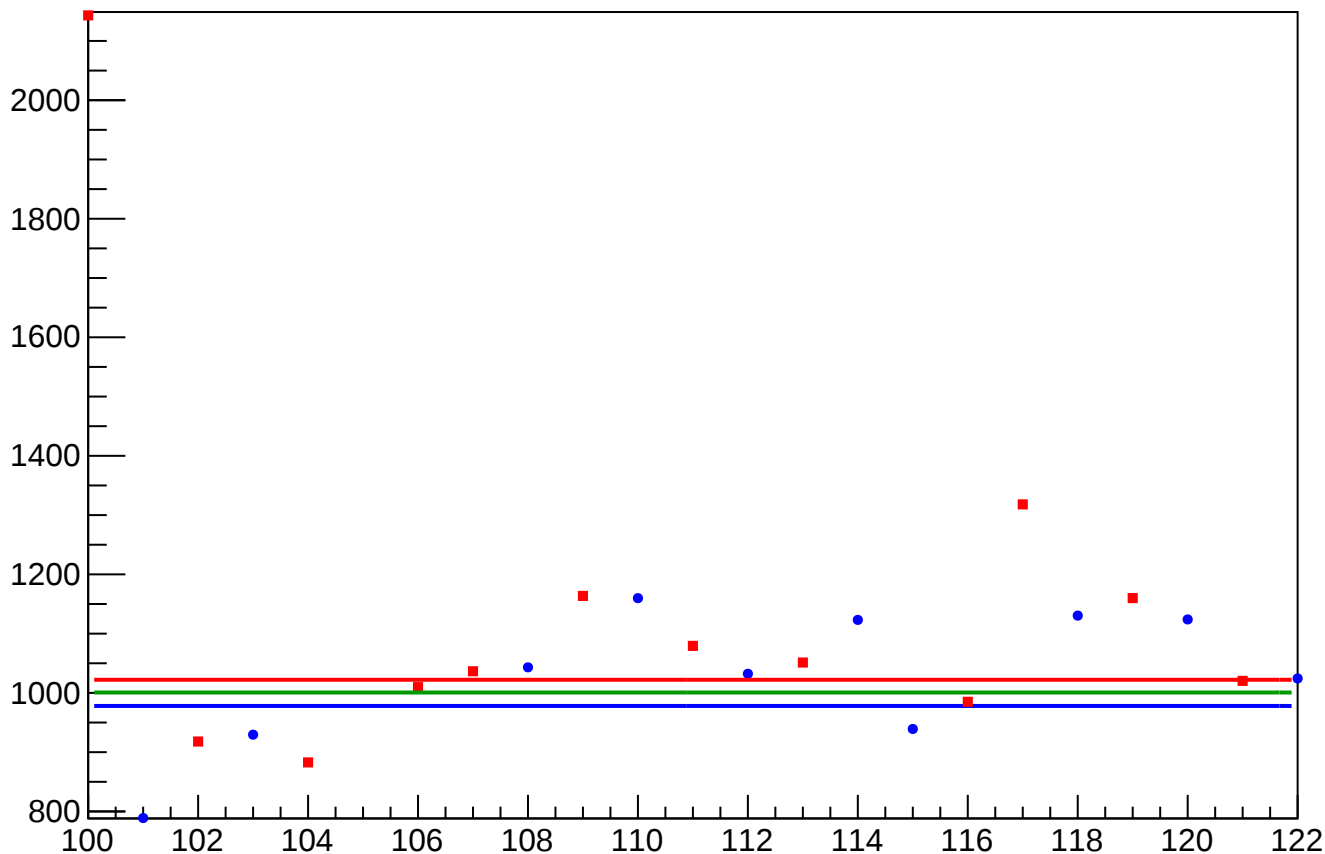
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1214.215+/-506.577 χ^2/NDF : 11.5/9

1228.429+/-353.304 χ^2/NDF : 19.7/21

1241.892+/-492.995 χ^2/NDF : 8.2/11

asym_right_avg_rms vs Slug, Sign Corrected



Right In: 977.974 $\pm$ 0.358 χ^2 /NDF: 126744.0/9

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

Right Out: 1022.168 $\pm$ 0.349 χ^2 /NDF: 115416.9/11

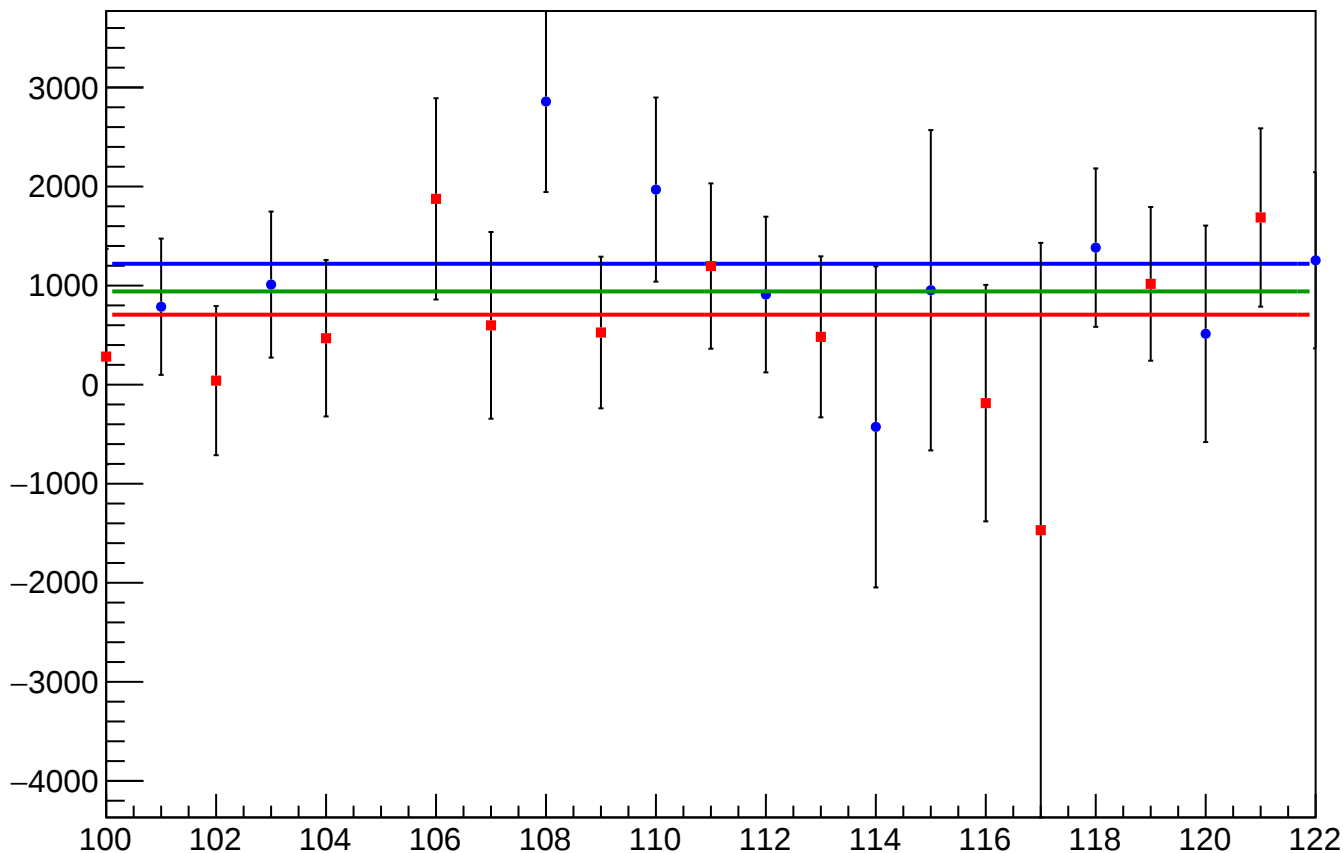
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

977.974 $\pm$ 0.358 χ^2 /NDF: 126744.0/9

1000.671 $\pm$ 0.250 χ^2 /NDF: 249978.8/21

1022.168 $\pm$ 0.349 χ^2 /NDF: 115416.9/11

reg_asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1220.257+/-284.470 χ^2/NDF : 6.0/9

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

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

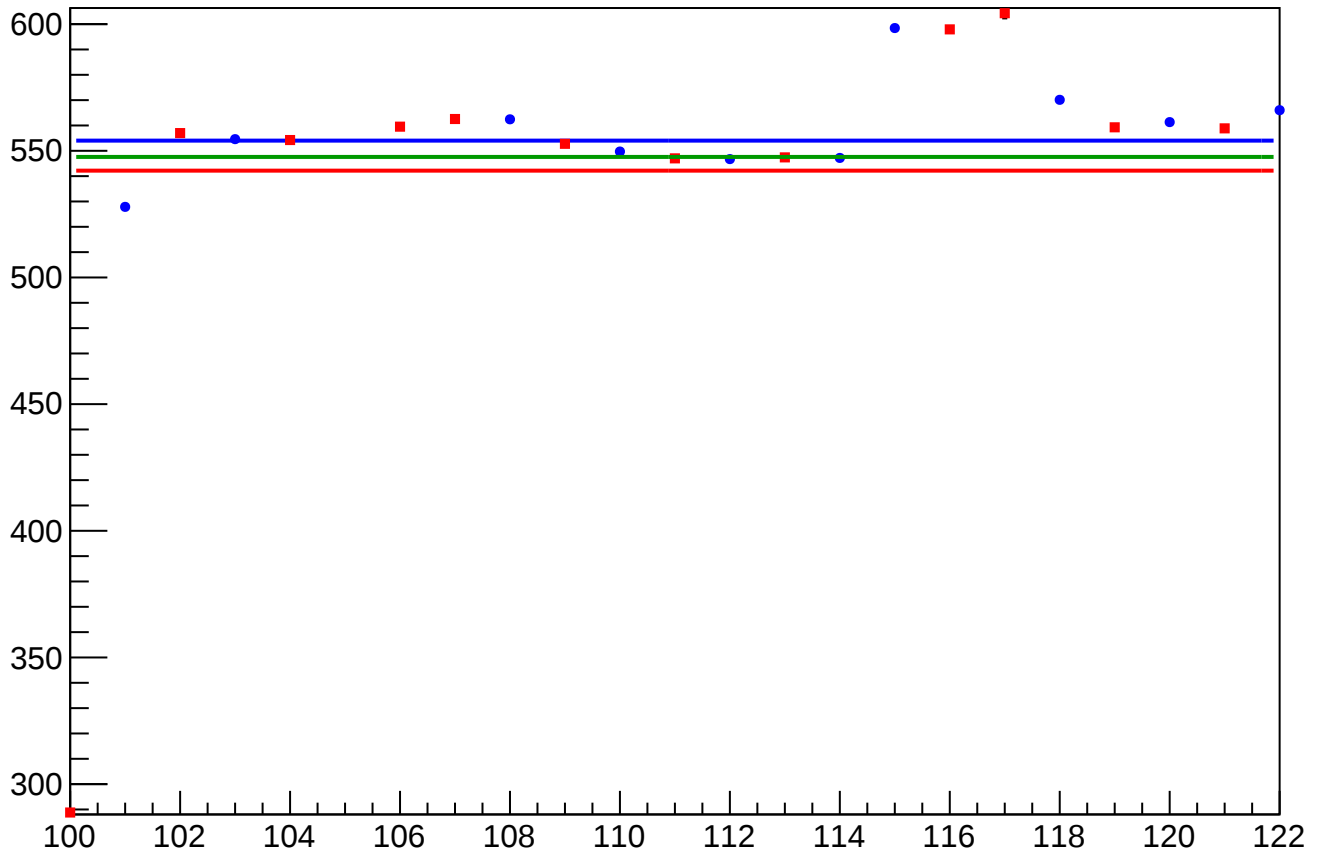
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1220.257+/-284.470 χ^2/NDF : 6.0/9

941.264+/-192.314 χ^2/NDF : 13.1/21

706.428+/-260.989 χ^2/NDF : 5.3/11

reg_asym_right_dd_rms vs Slug, Sign Corrected



Right In: 554.021+/-0.201 χ^2/NDF : 6087.8/9

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

Right Out: 542.170+/-0.185 χ^2/NDF : 118599.4/11

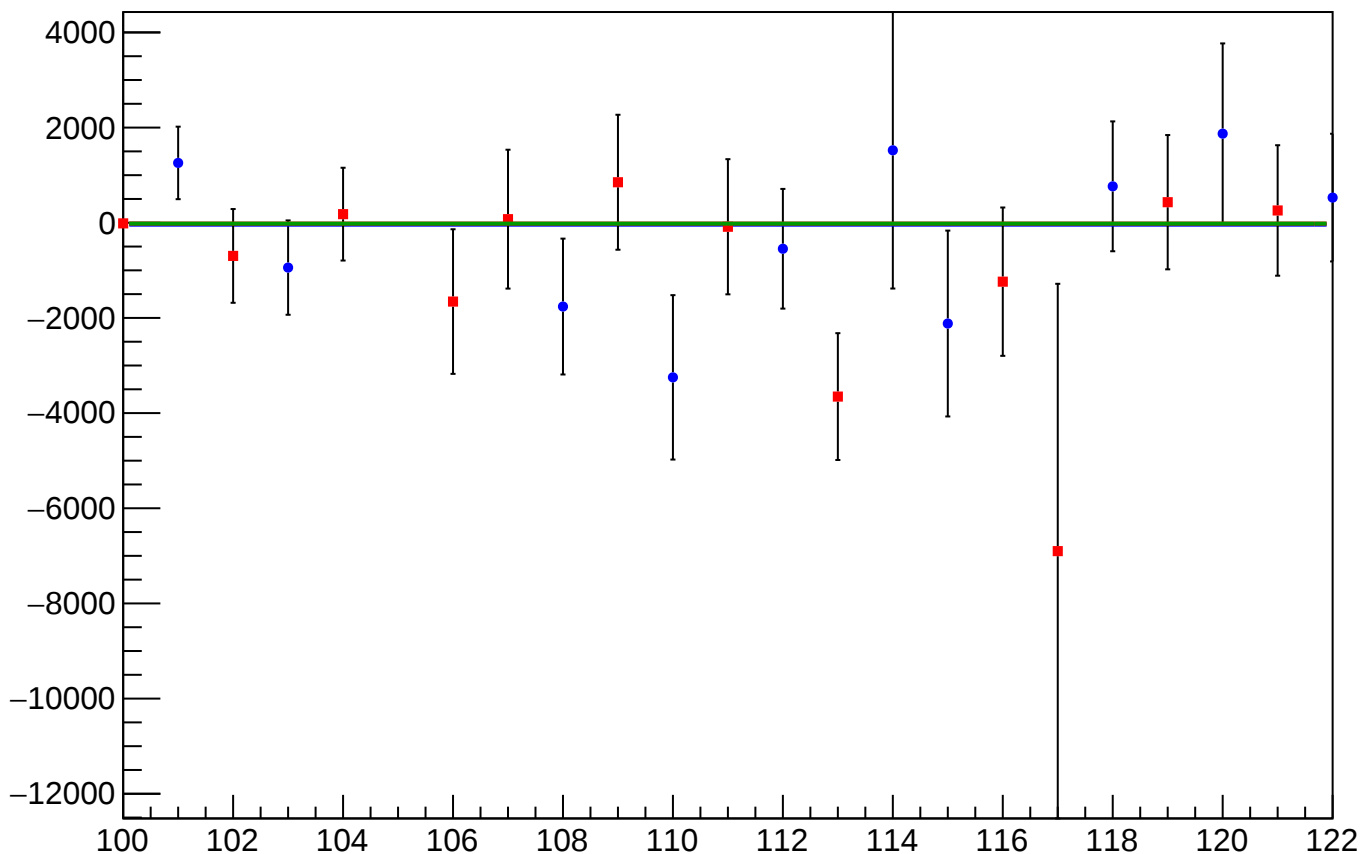
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

554.021+/-0.201 χ^2/NDF : 6087.8/9

547.586+/-0.136 χ^2/NDF : 126571.9/21

542.170+/-0.185 χ^2/NDF : 118599.4/11

asym_right_dd_correction_mean vs Slug, Sign Corrected



Right In: -40.314+/-409.998 χ^2/NDF : 11.8/9

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

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

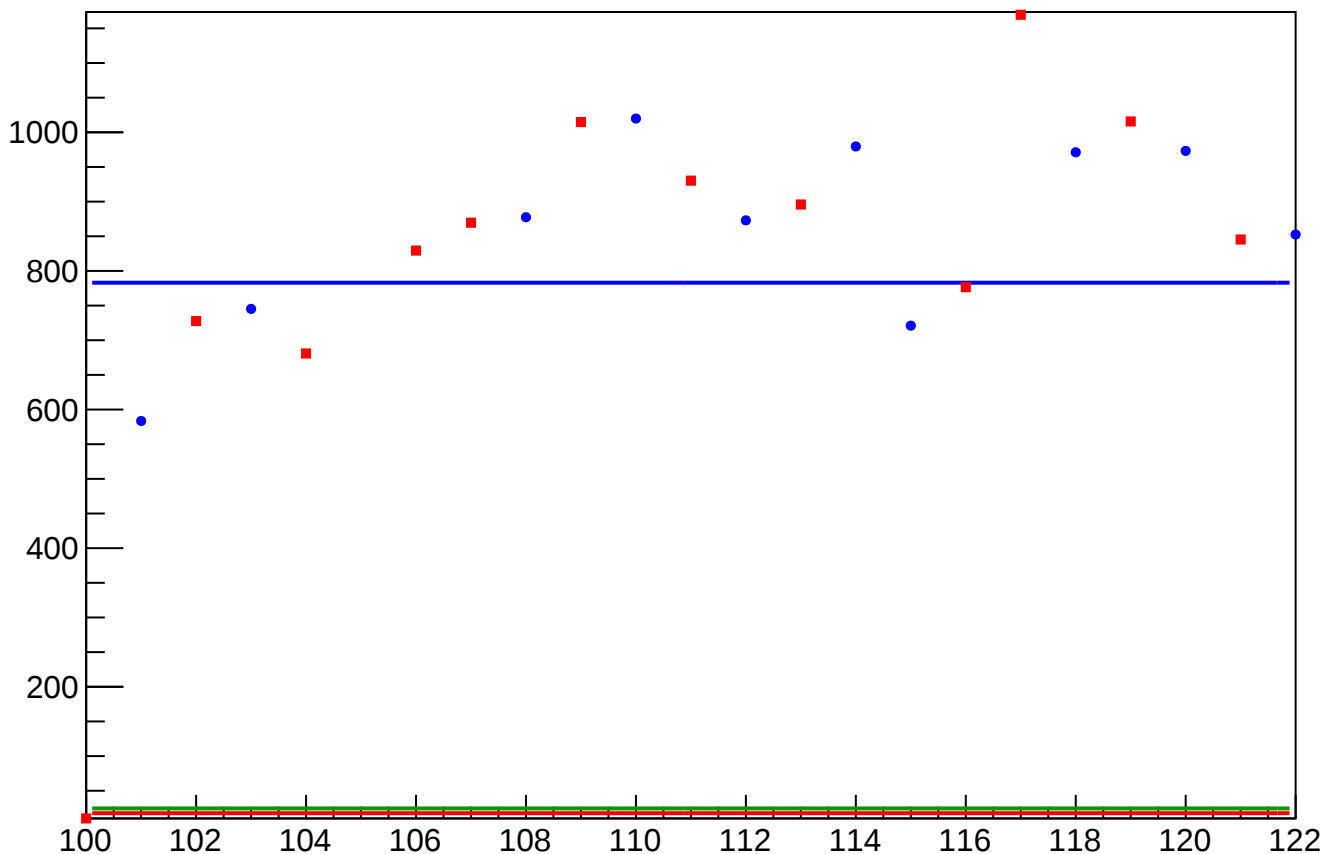
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-40.314+/-409.998 χ^2/NDF : 11.8/9

-18.052+/-38.867 χ^2/NDF : 23.5/21

-17.850+/-39.043 χ^2/NDF : 11.8/11

asym_right_dd_correction_rms vs Slug, Sign Corrected



Right In: 783.017 $\pm$ 0.290 χ^2 /NDF: 271313.4/9

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

Right Out: 17.604 $\pm$ 0.028 χ^2 /NDF: 8262882.7/11

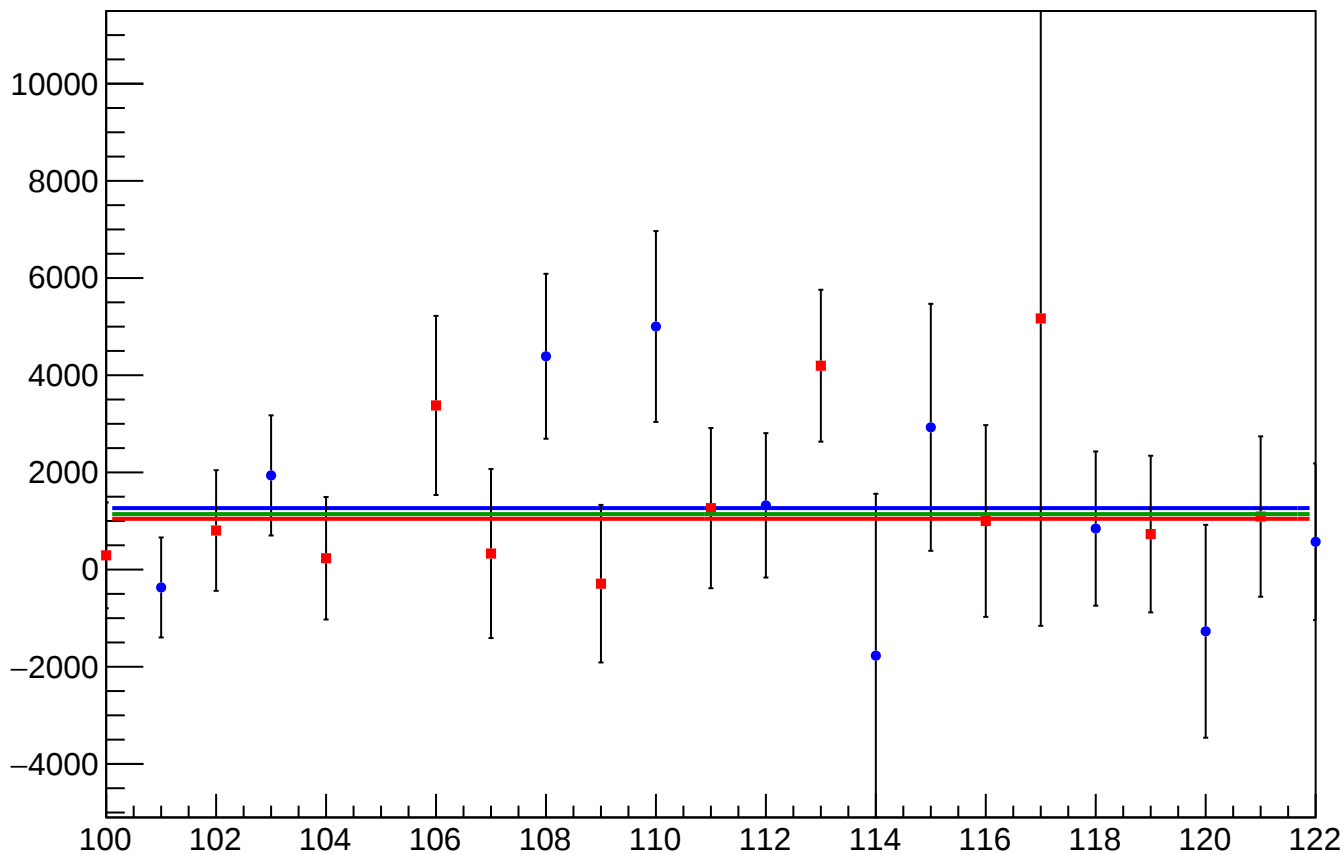
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

783.017 $\pm$ 0.290 χ^2 /NDF: 271313.4/9

24.483 $\pm$ 0.027 χ^2 /NDF: 15441952.8/21

17.604 $\pm$ 0.028 χ^2 /NDF: 8262882.7/11

asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1265.197 $\pm$ 506.859 χ^2 /NDF: 12.7/9

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

Right Out: 1045.084 $\pm$ 450.070 χ^2 /NDF: 7.9/11

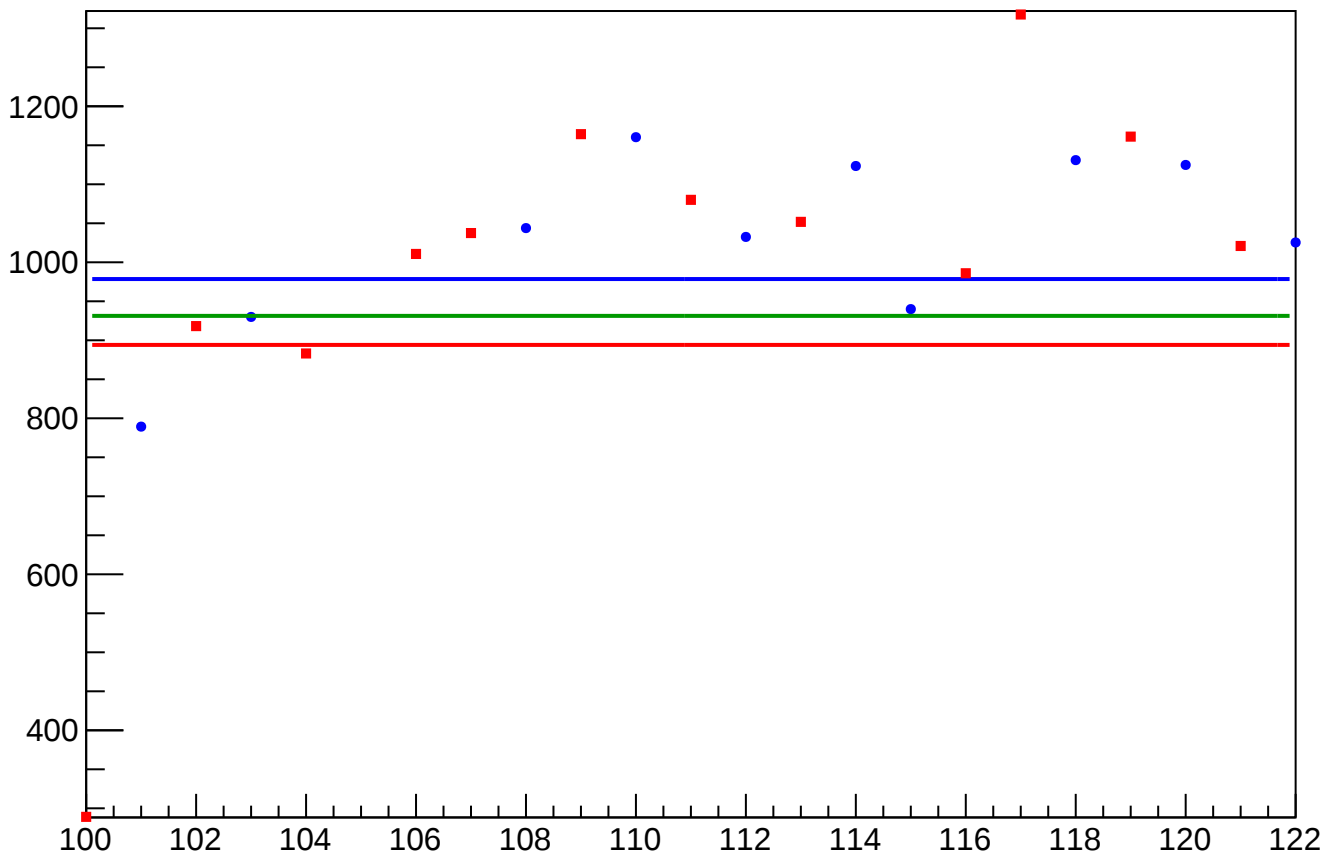
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1265.197 $\pm$ 506.859 χ^2 /NDF: 12.7/9

1142.124 $\pm$ 336.542 χ^2 /NDF: 20.7/21

1045.084 $\pm$ 450.070 χ^2 /NDF: 7.9/11

asym_right_dd_rms vs Slug, Sign Corrected



Right In: 978.519 $\pm$ 0.358 χ^2 /NDF: 126754.6/9

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

Right Out: 894.077 $\pm$ 0.318 χ^2 /NDF: 820770.7/11

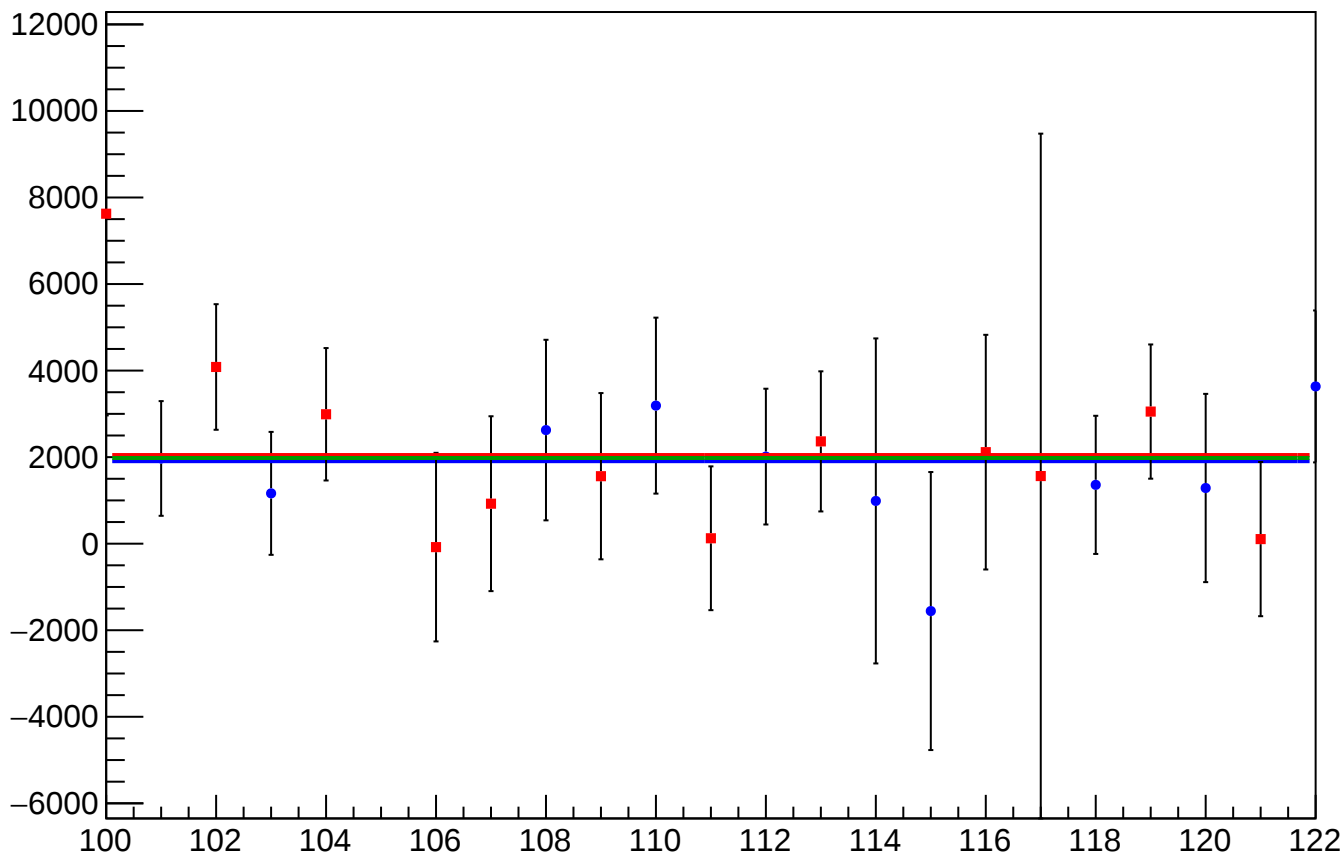
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

978.519 $\pm$ 0.358 χ^2 /NDF: 126754.6/9

931.304 $\pm$ 0.238 χ^2 /NDF: 978562.9/21

894.077 $\pm$ 0.318 χ^2 /NDF: 820770.7/11

cor_usl_mean vs Slug, Sign Corrected



Right In: 1906.466+/-573.647 χ^2/NDF : 3.2/9

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

Right Out: 2048.495+/-550.391 χ^2/NDF : 8.1/11

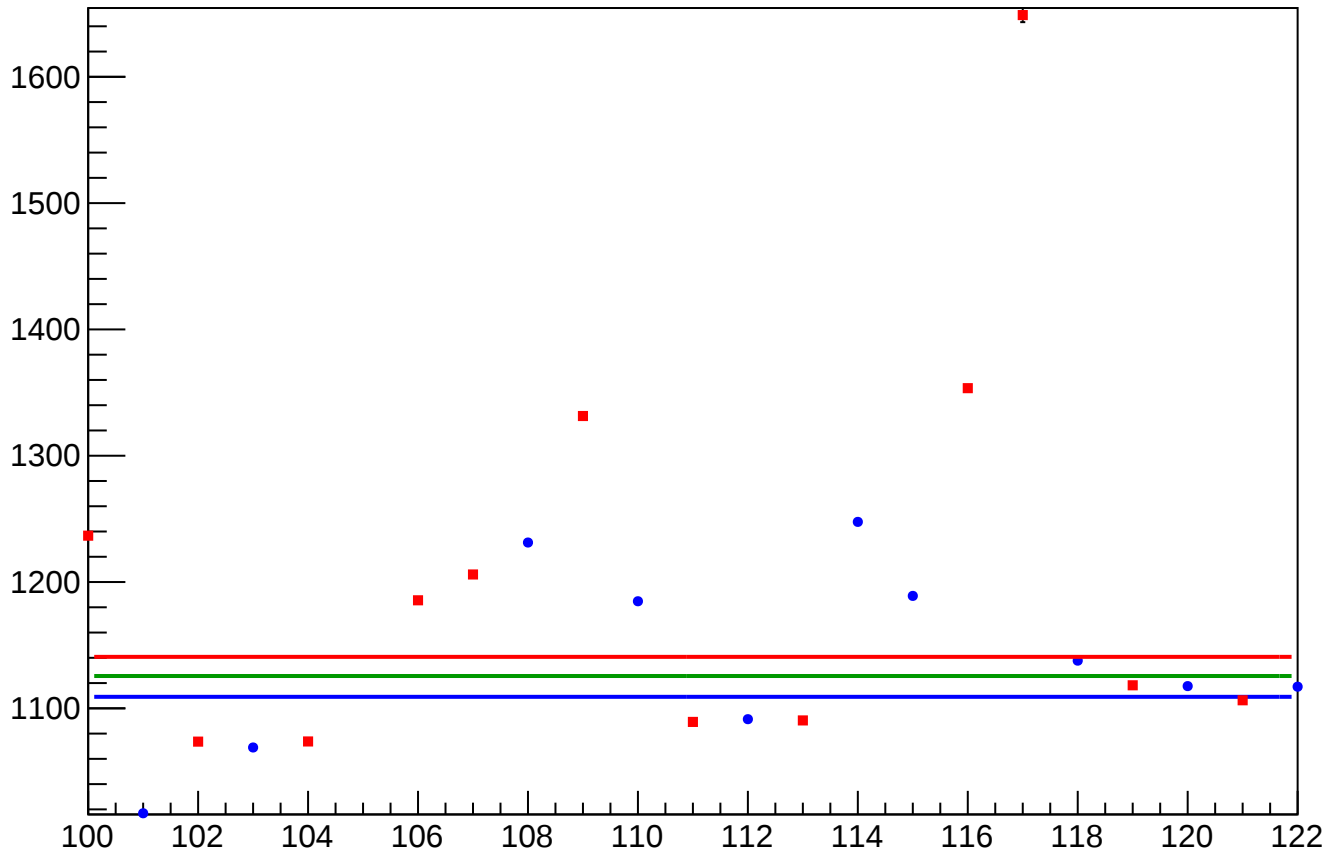
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1906.466+/-573.647 χ^2/NDF : 3.2/9

1980.418+/-397.153 χ^2/NDF : 11.3/21

2048.495+/-550.391 χ^2/NDF : 8.1/11

cor_usl_rms vs Slug, Sign Corrected



Right In: 1109.115 $\pm$ 0.406 χ^2 /NDF: 25830.9/9

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

Right Out: 1140.760 $\pm$ 0.389 χ^2 /NDF: 57173.3/11

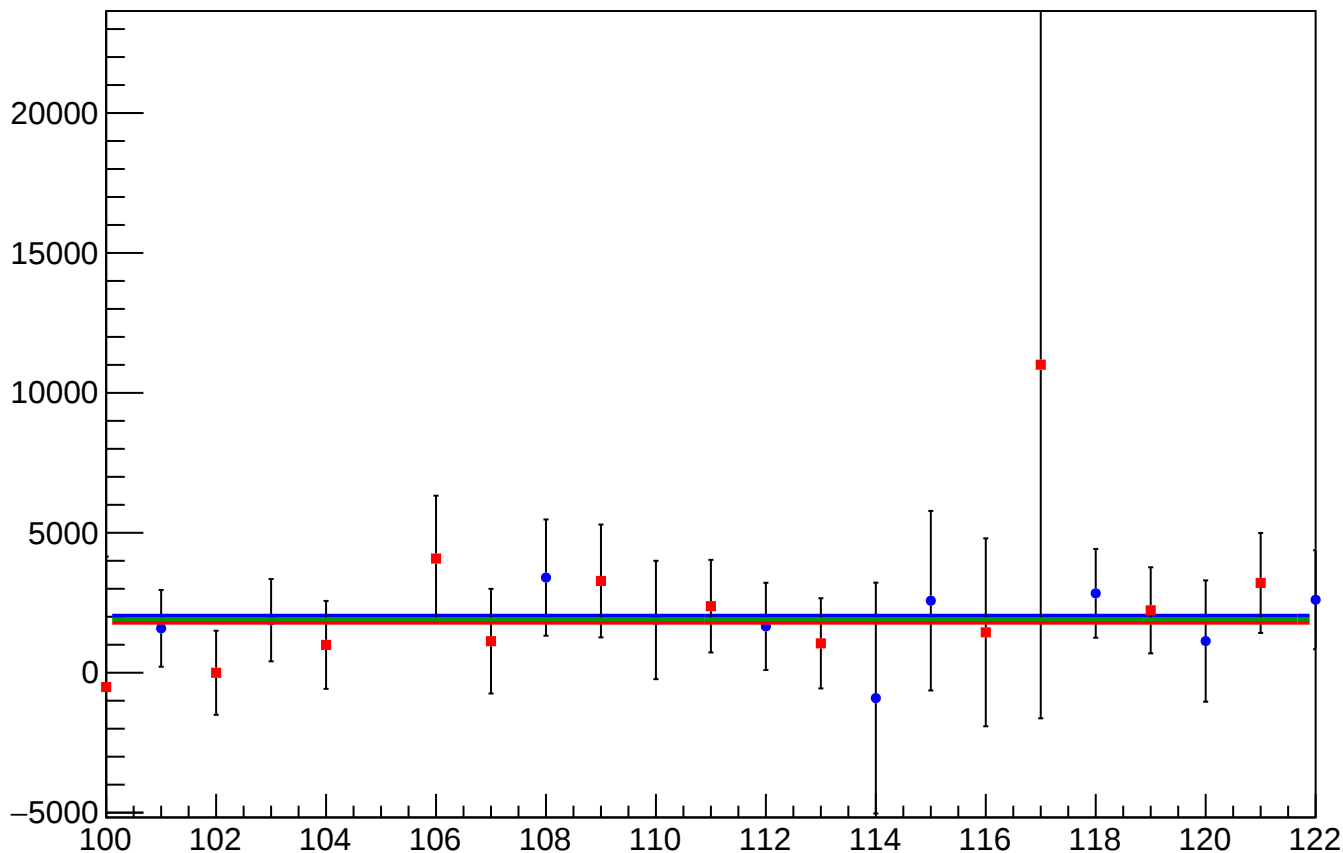
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1109.115 $\pm$ 0.406 χ^2 /NDF: 25830.9/9

1125.592 $\pm$ 0.281 χ^2 /NDF: 86173.0/21

1140.760 $\pm$ 0.389 χ^2 /NDF: 57173.3/11

cor_usr_mean vs Slug, Sign Corrected



Right In: 2036.378+/-582.502 χ^2/NDF : 1.7/9

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

Right Out: 1788.968+/-558.530 χ^2/NDF : 5.2/11

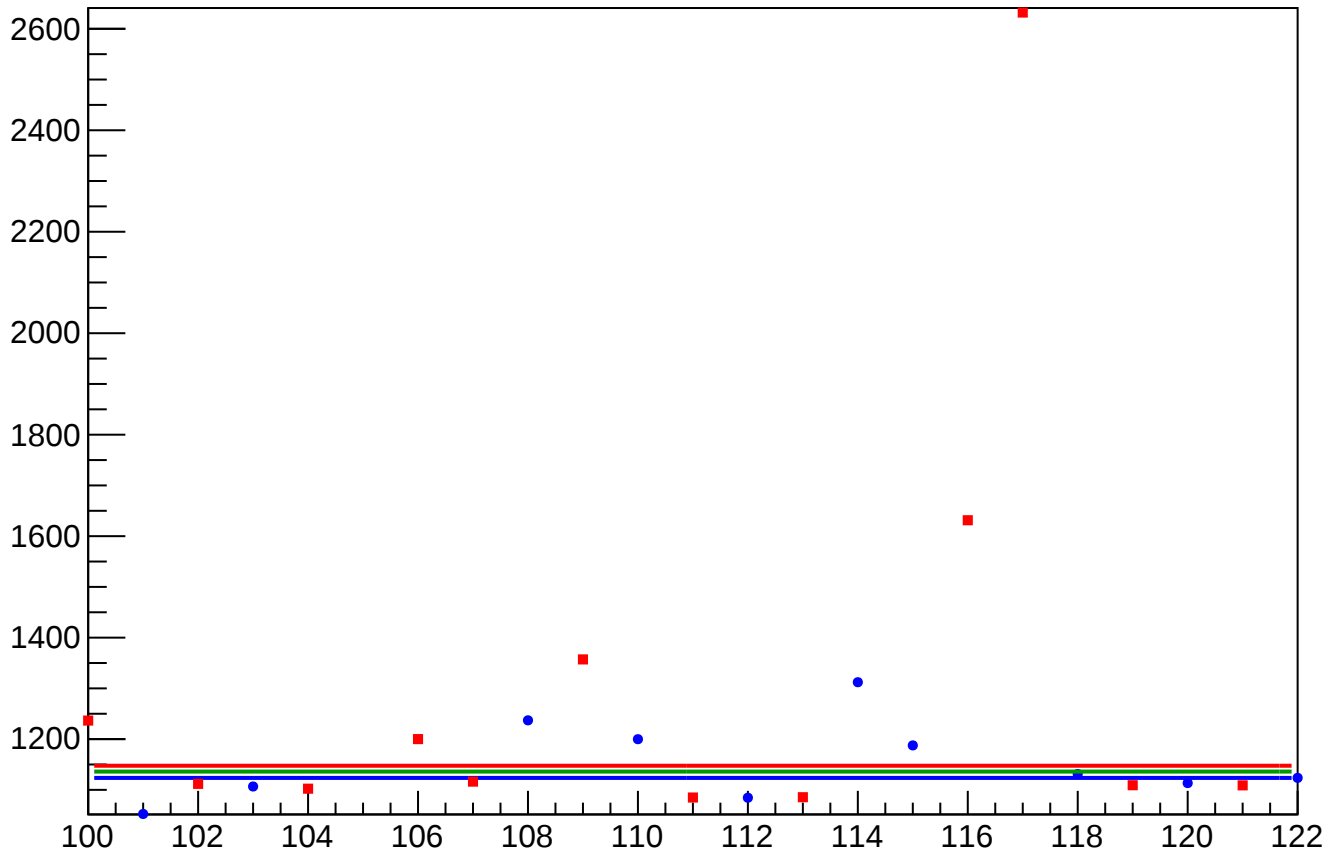
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2036.378+/-582.502 χ^2/NDF : 1.7/9

1907.477+/-403.149 χ^2/NDF : 7.0/21

1788.968+/-558.530 χ^2/NDF : 5.2/11

cor_usr_rms vs Slug, Sign Corrected



Right In: 1123.521 $\pm$ 0.412 χ^2/NDF : 20530.8/9

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

Right Out: 1147.559 $\pm$ 0.395 χ^2/NDF : 103919.5/11

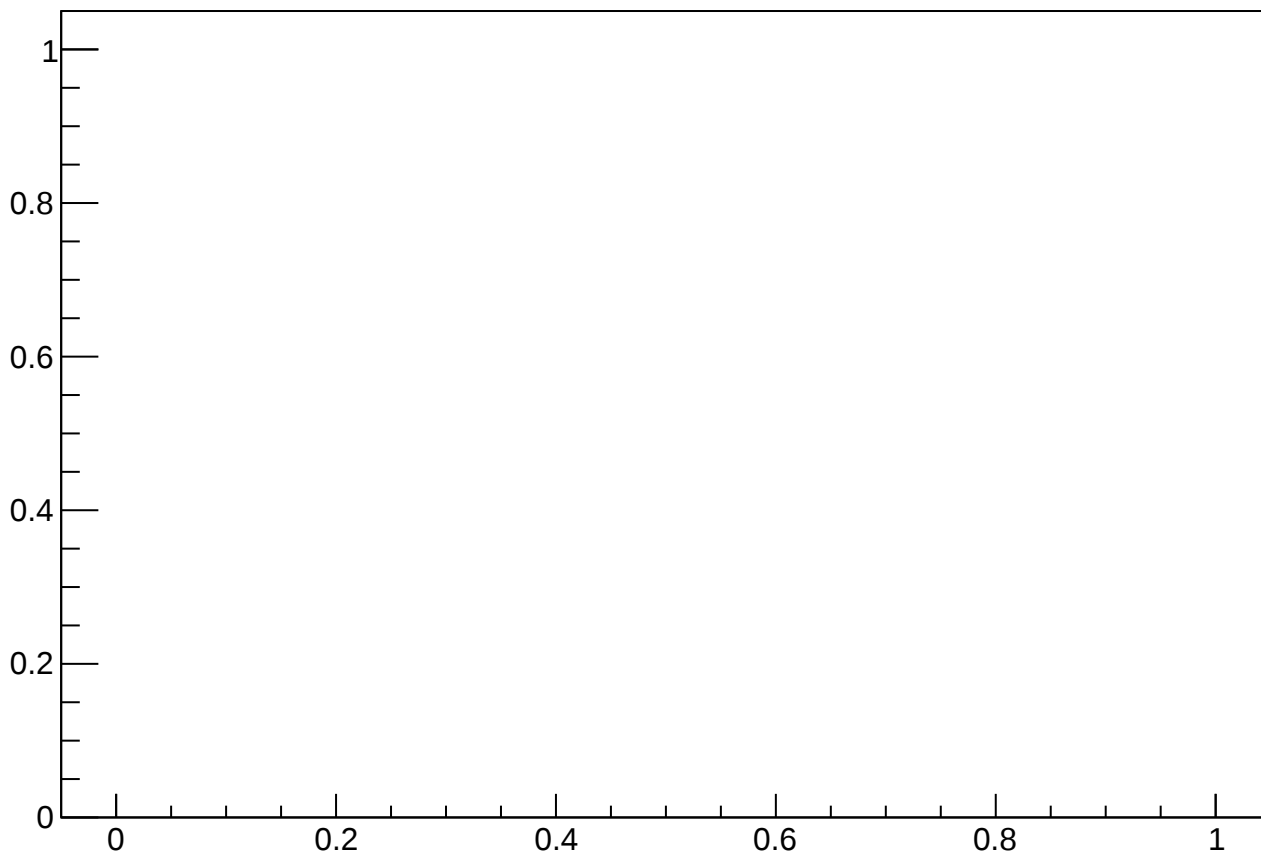
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1123.521 $\pm$ 0.412 χ^2/NDF : 20530.8/9

1136.045 $\pm$ 0.285 χ^2/NDF : 126224.8/21

1147.559 $\pm$ 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

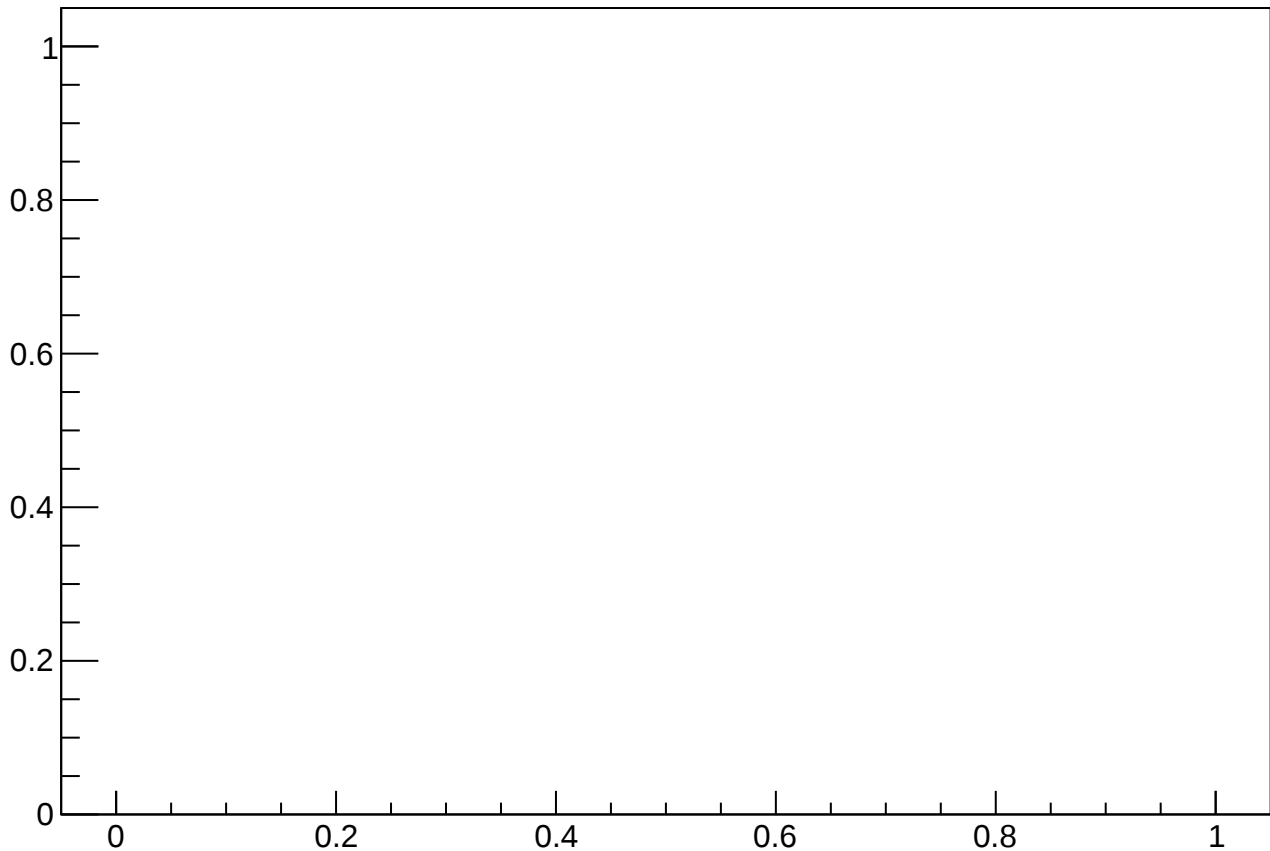
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-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

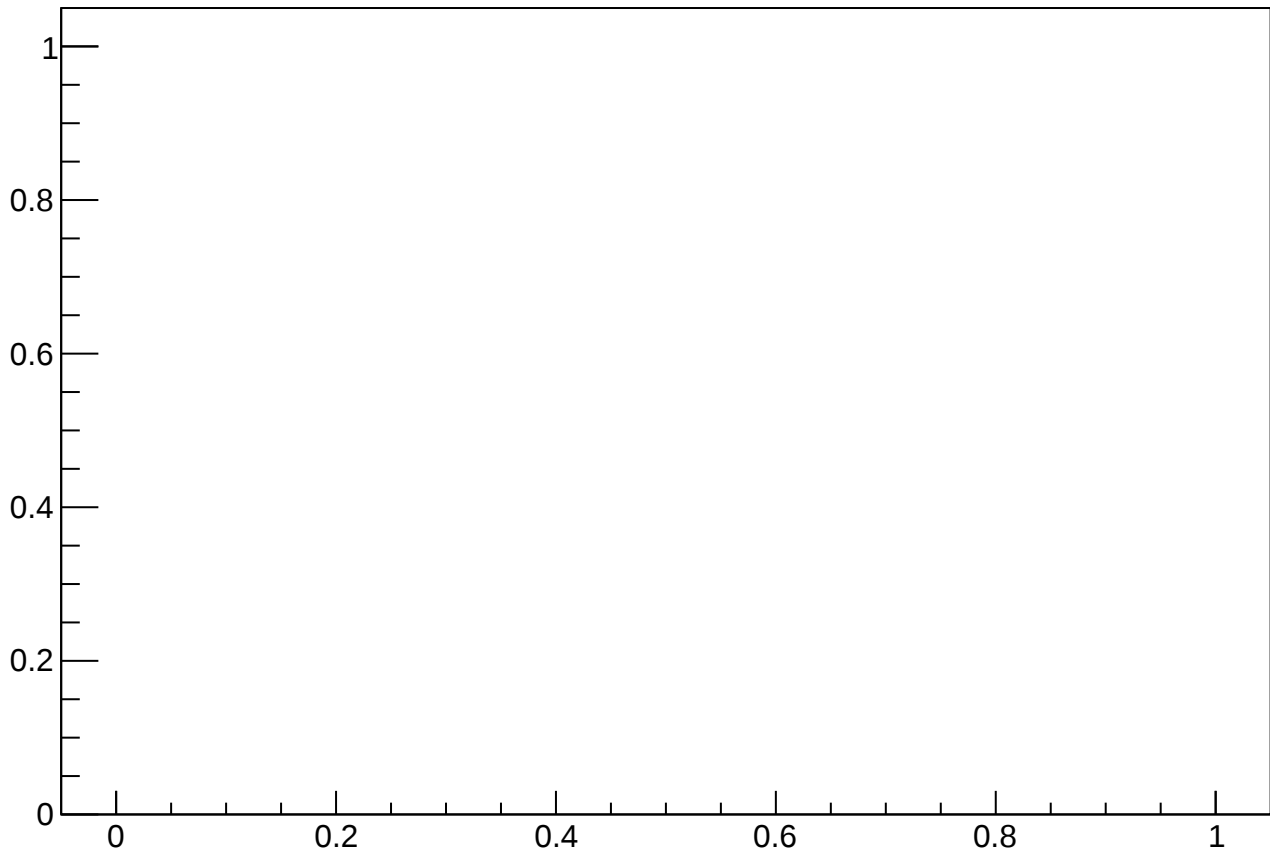
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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

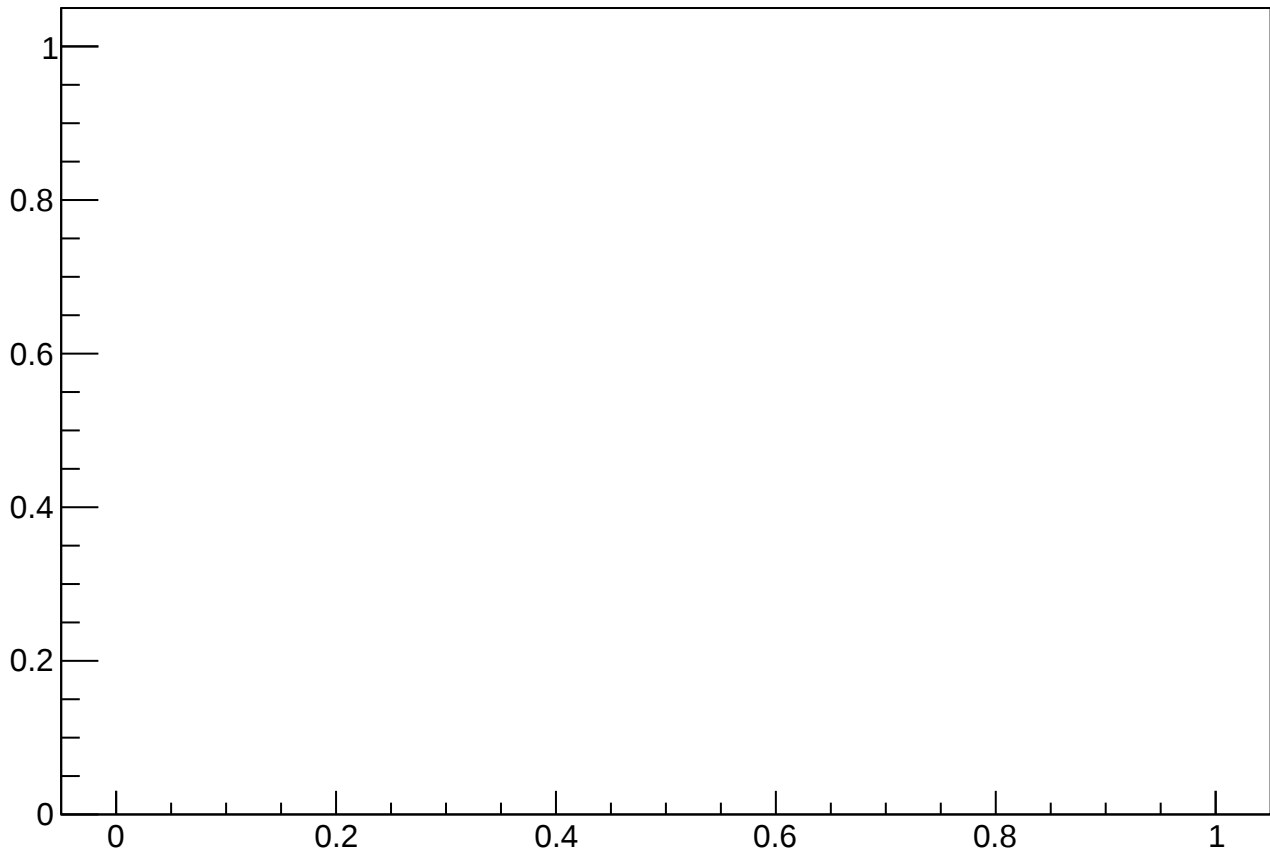
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

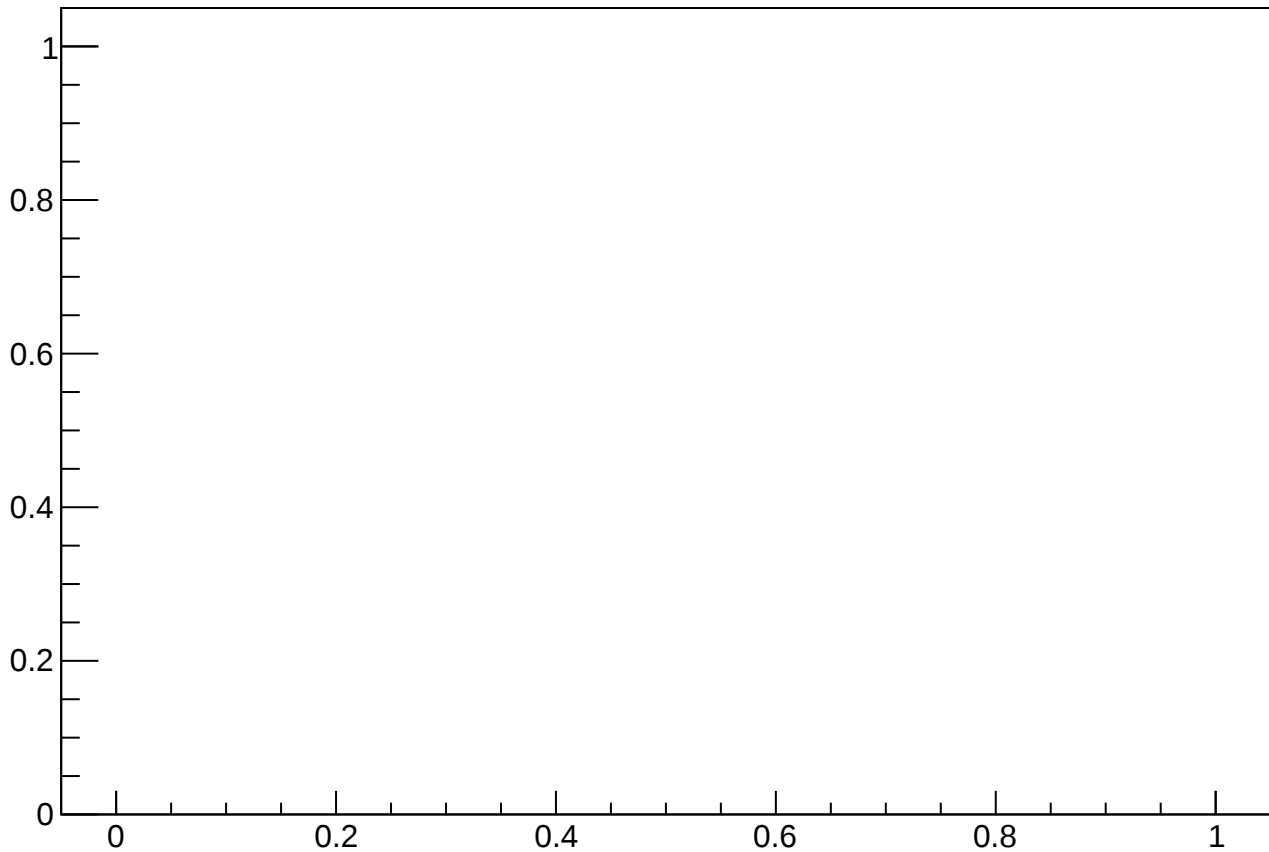
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

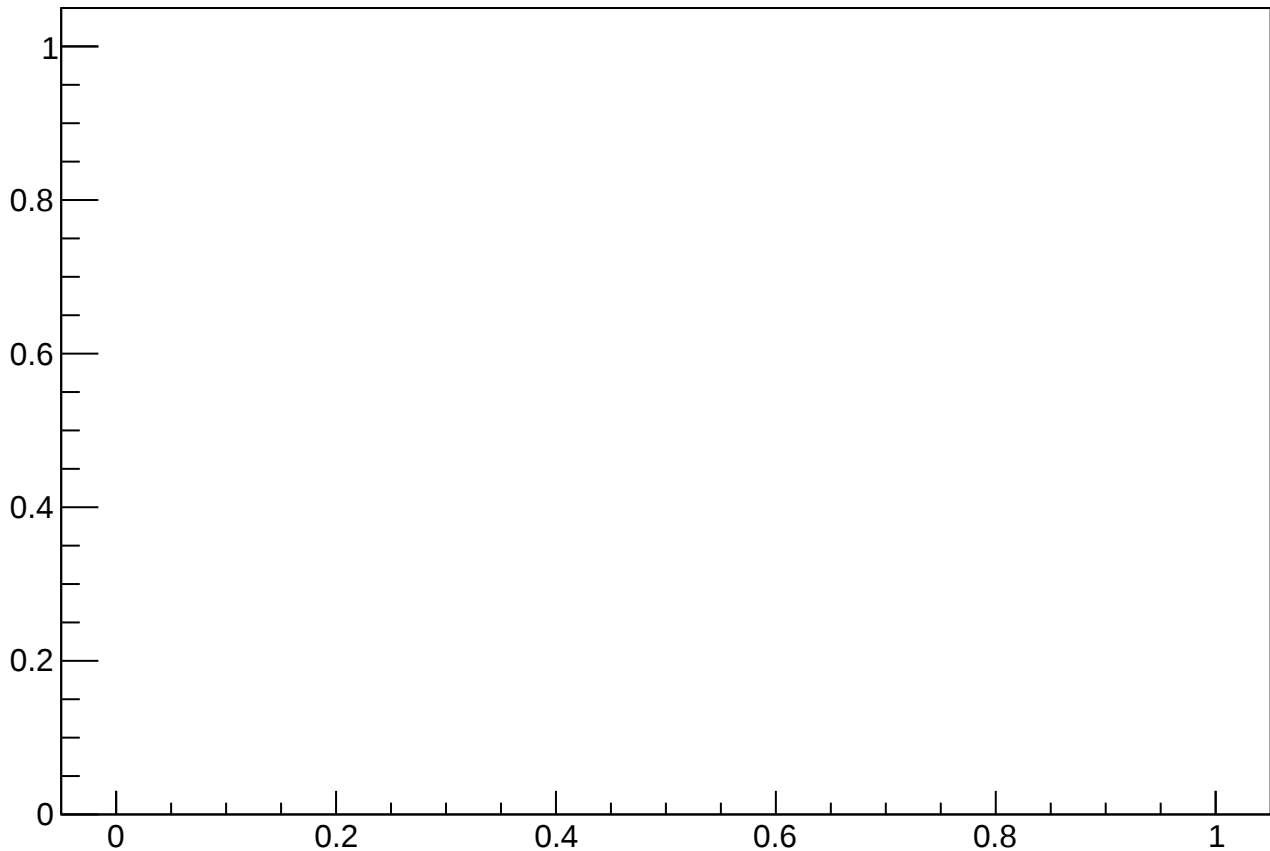
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

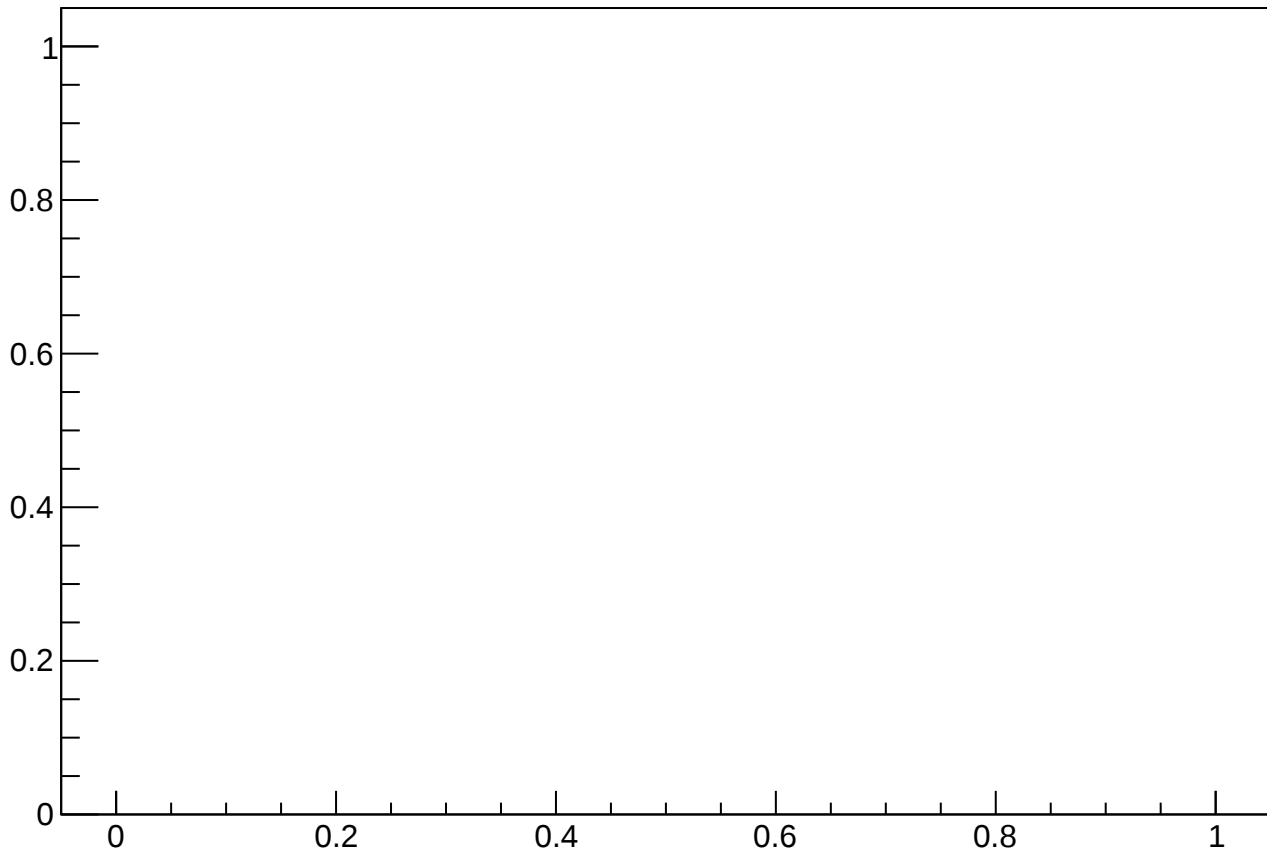
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

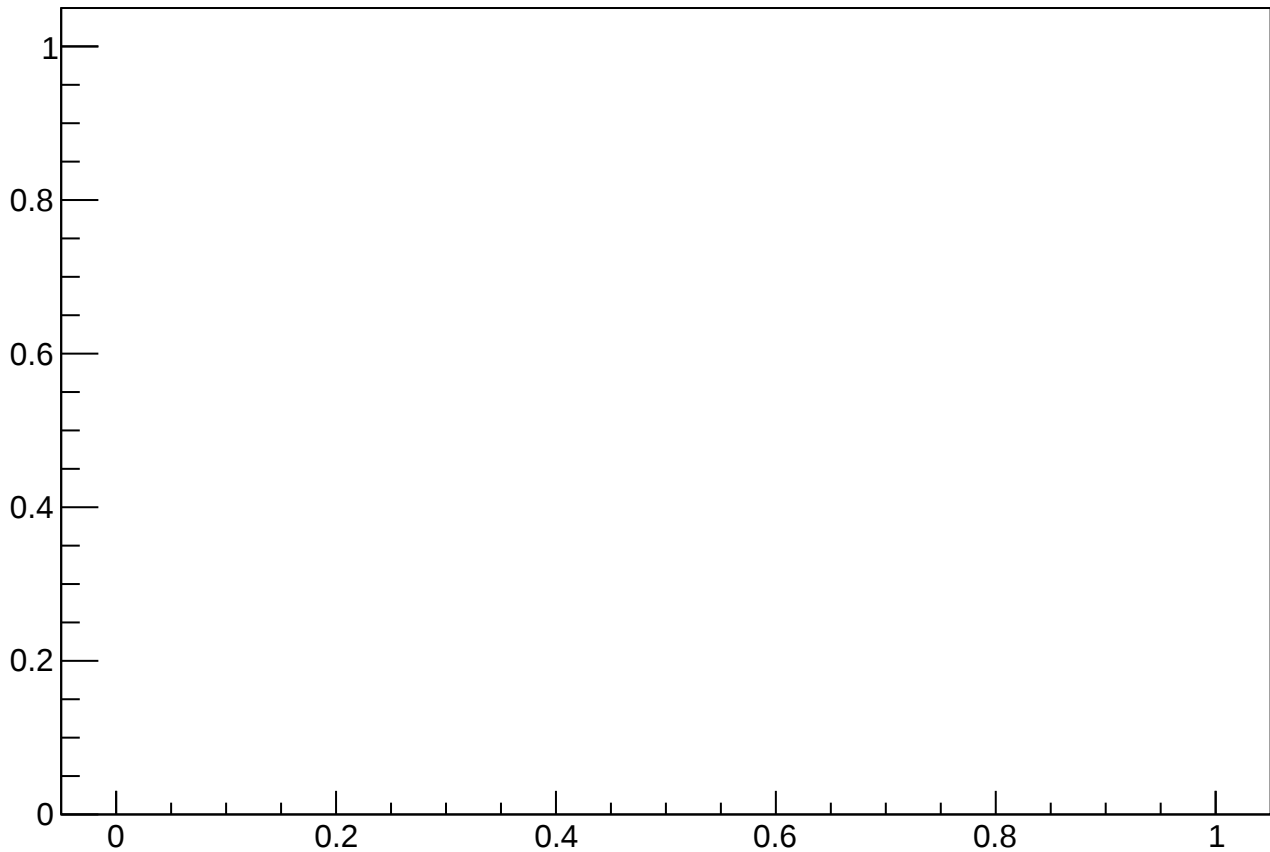
cor_us_dd_mean vs Slug, Sign Corrected



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

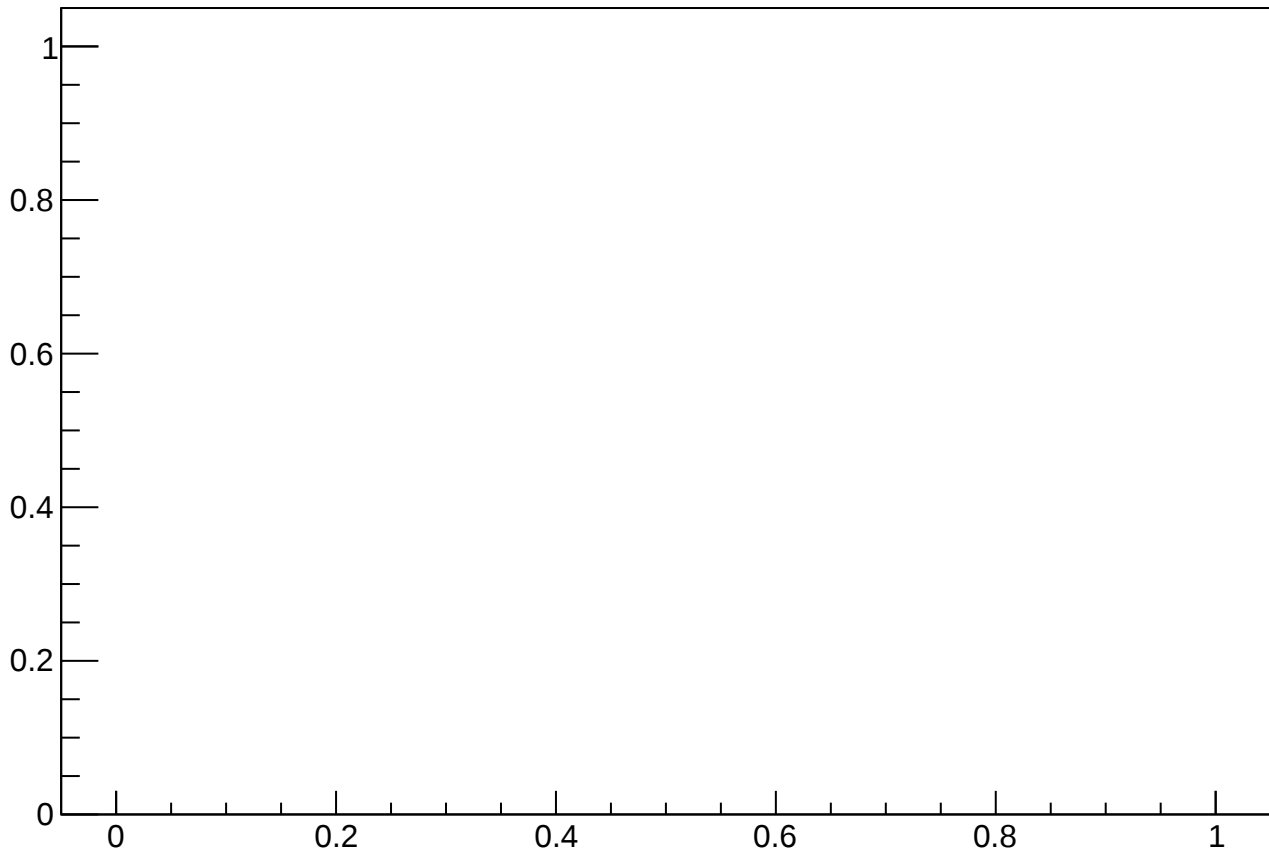
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

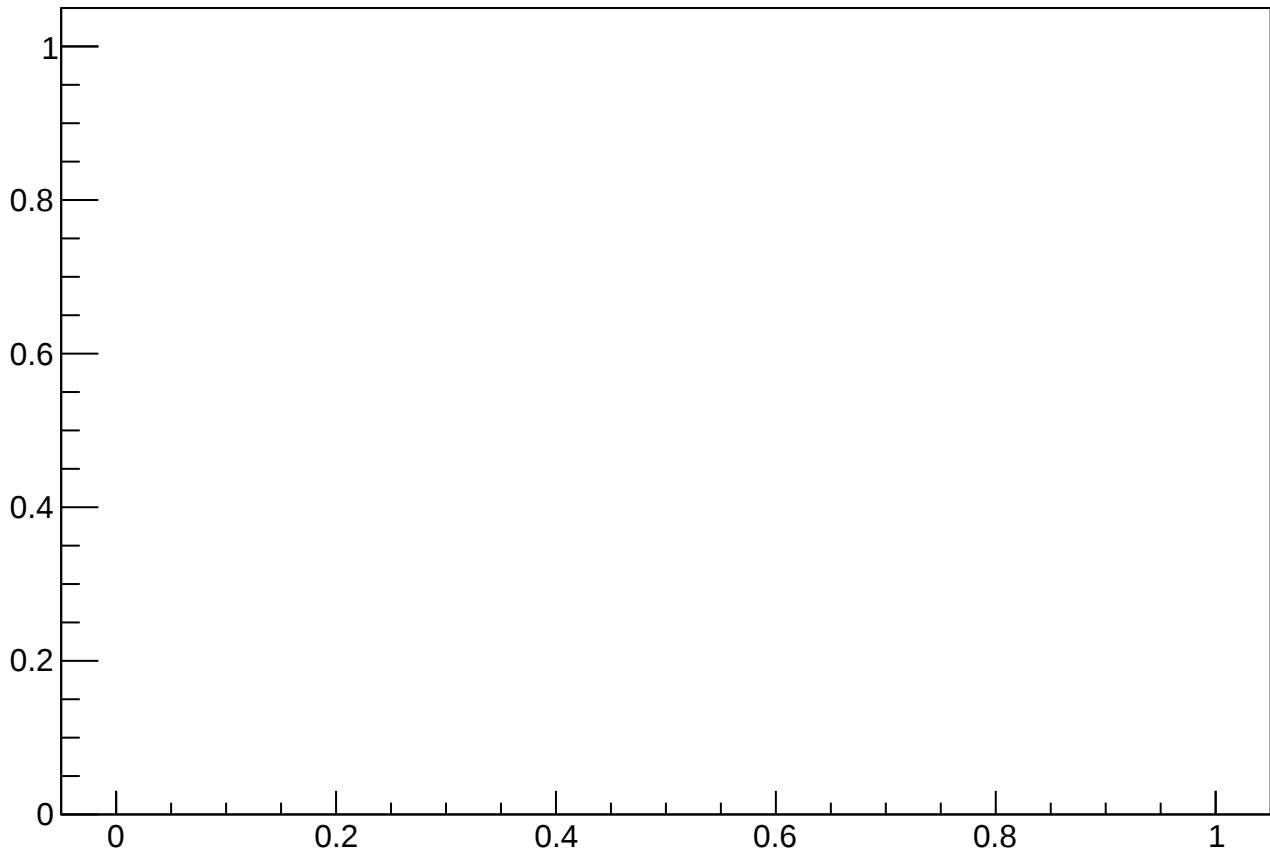
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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 $\pm$ 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

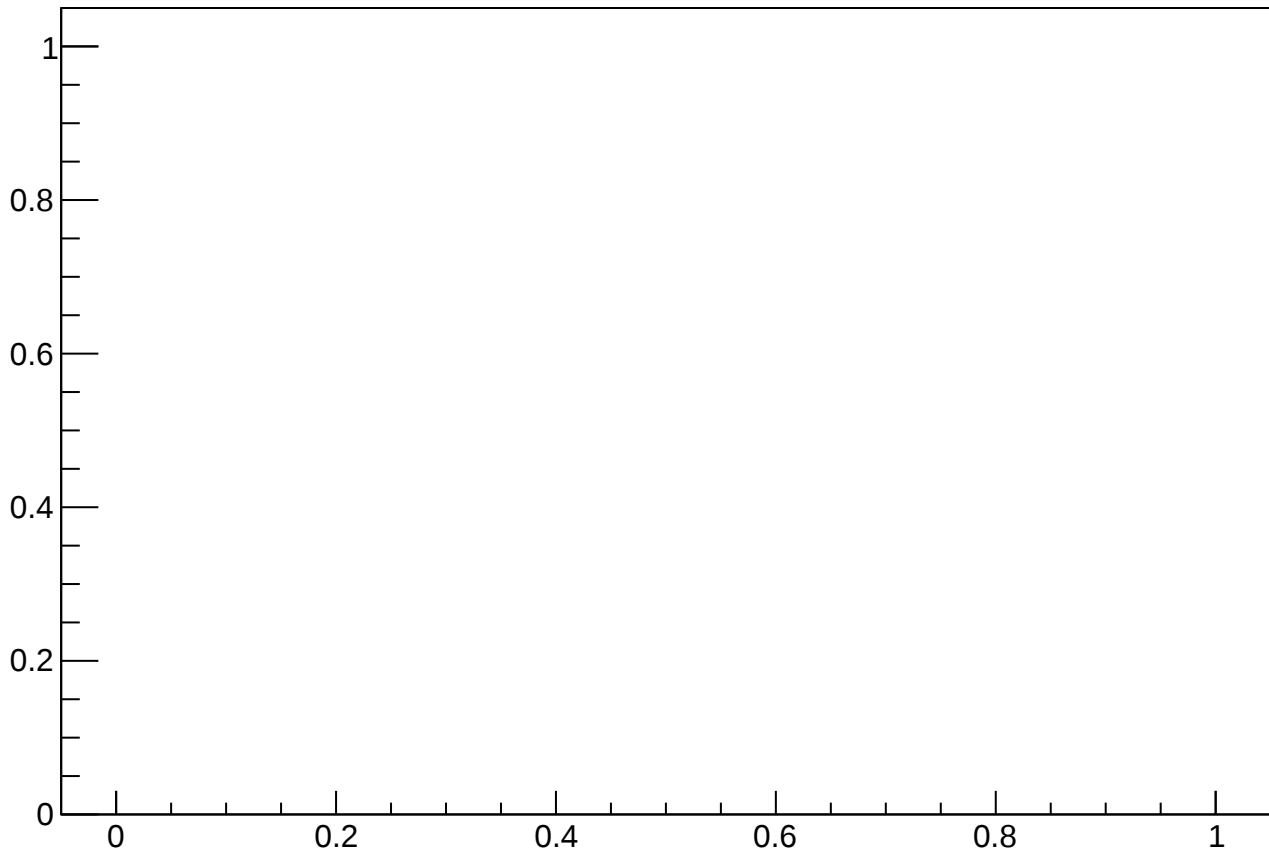
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

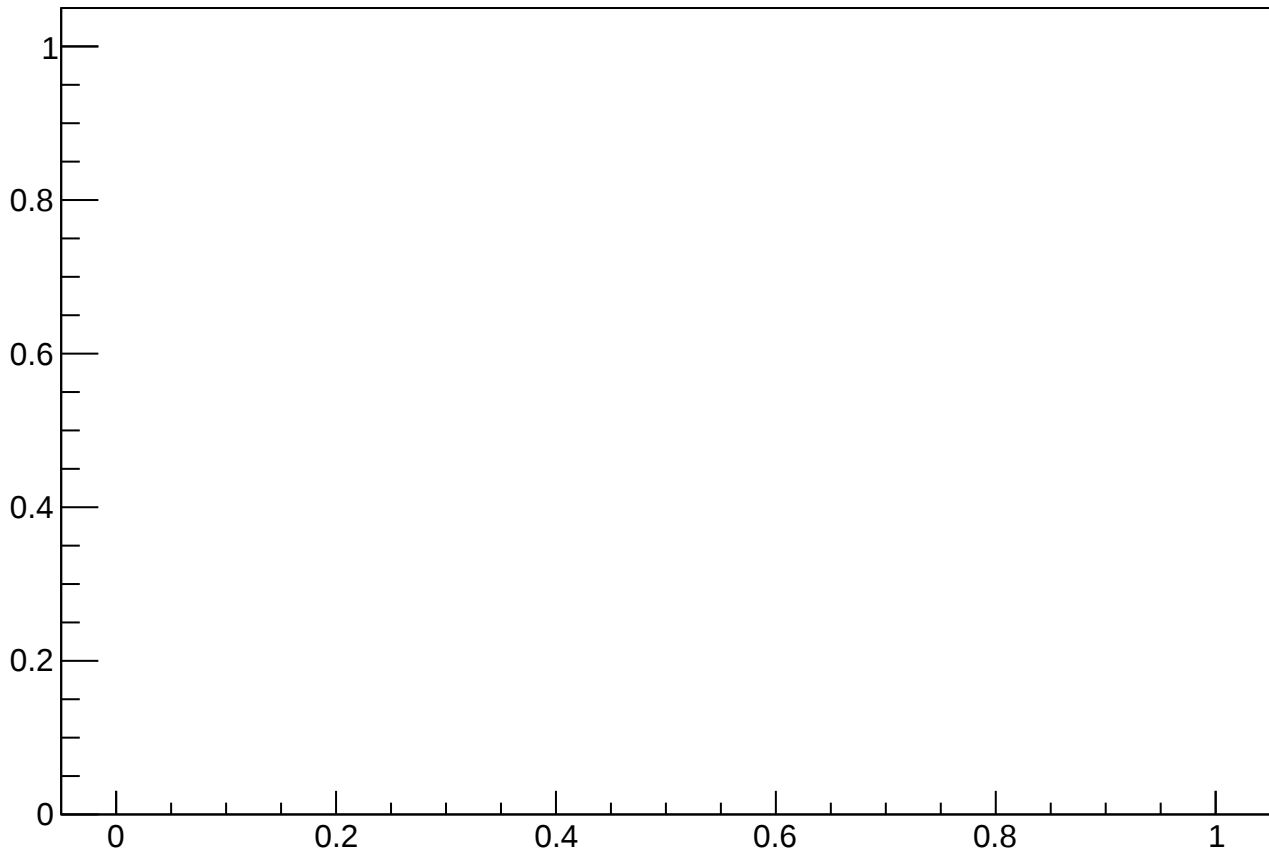
cor_ds_dd_mean vs Slug, Sign Corrected



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

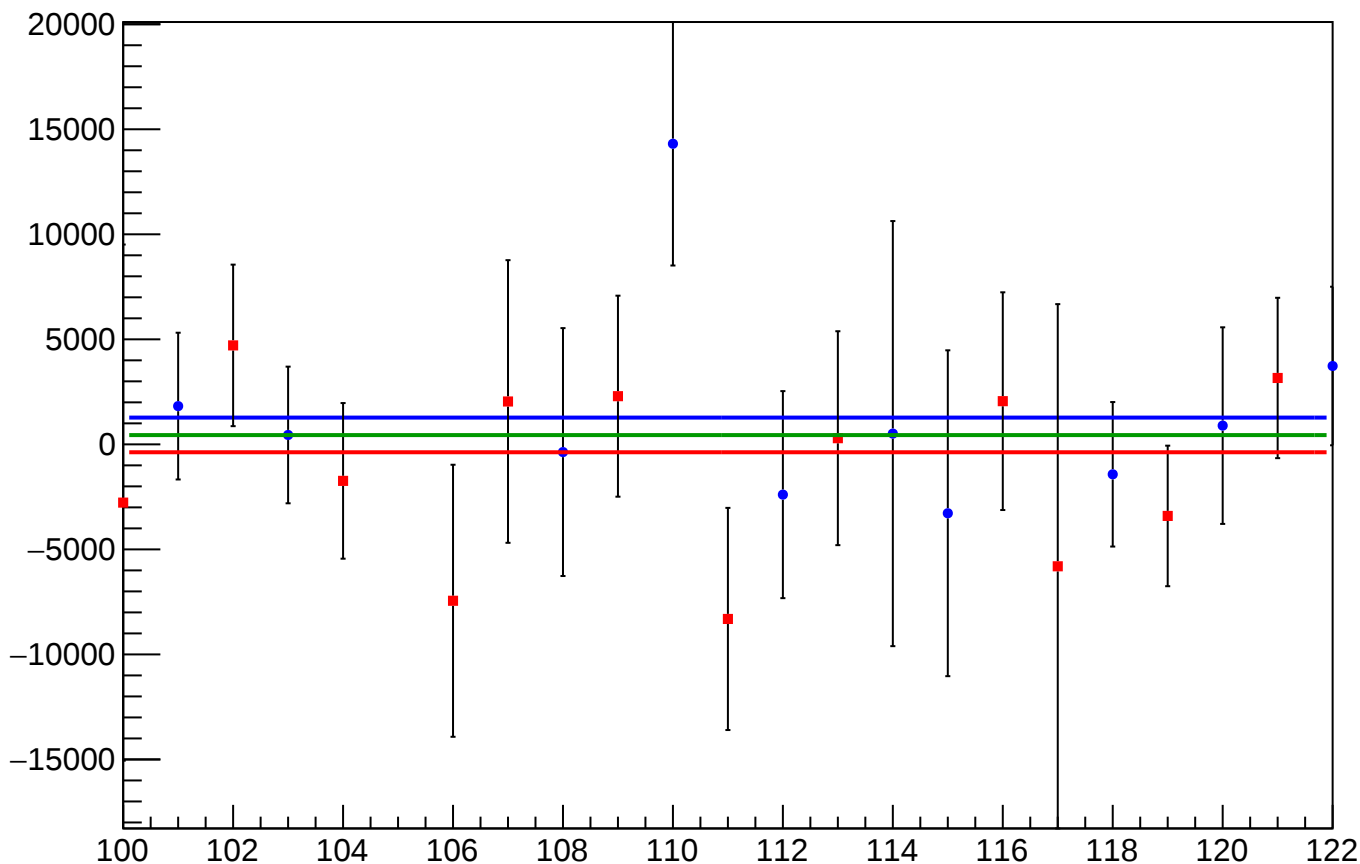
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1274.627 ± 1410.147 χ^2/NDF : 7.2/9

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

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

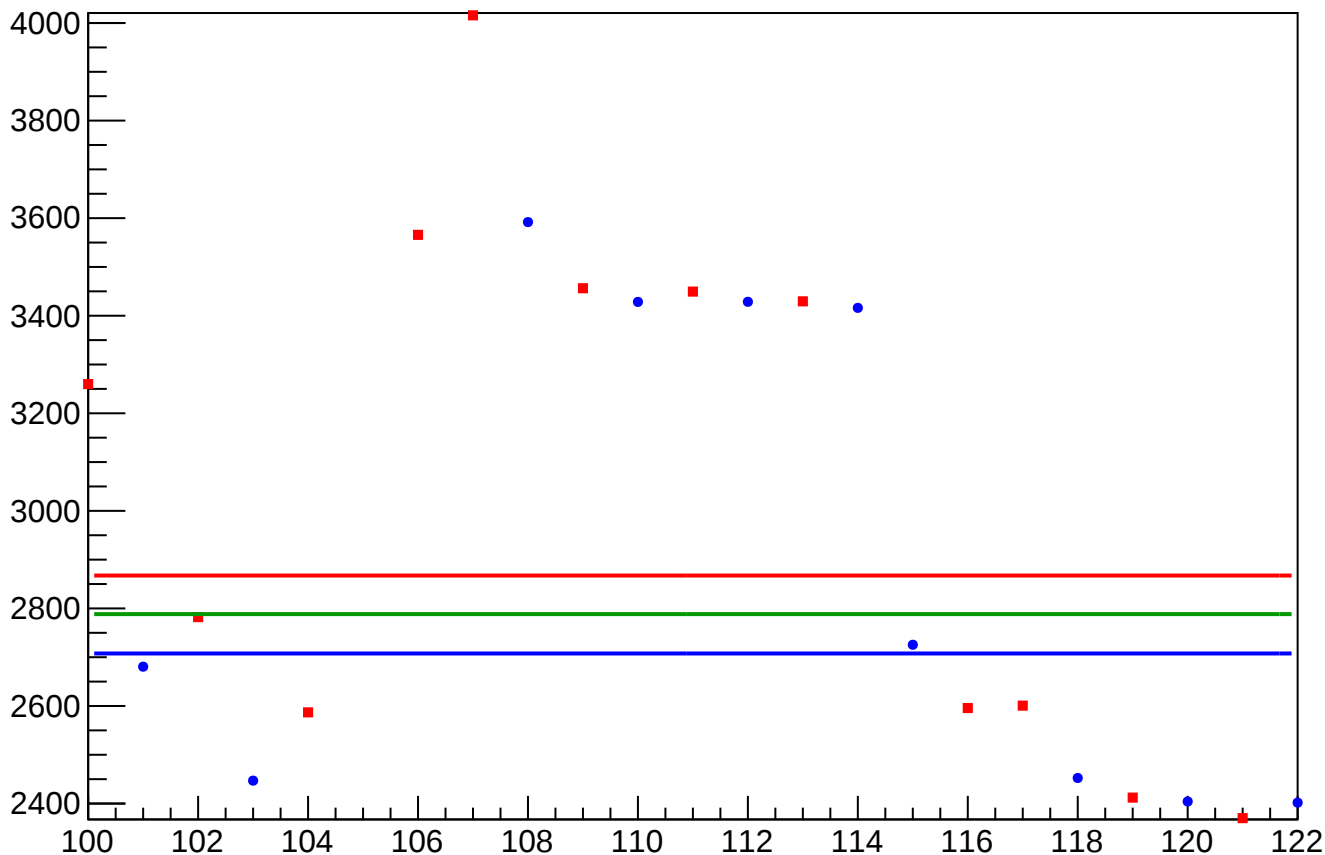
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1274.627 ± 1410.147 χ^2/NDF : 7.2/9

441.338 ± 992.288 χ^2/NDF : 15.8/21

-375.978 ± 1396.567 χ^2/NDF : 7.9/11

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2707.662 $\pm$ 0.997 χ^2 /NDF: 173960.5/9

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

Right Out: 2867.425 $\pm$ 0.988 χ^2 /NDF: 252308.7/11

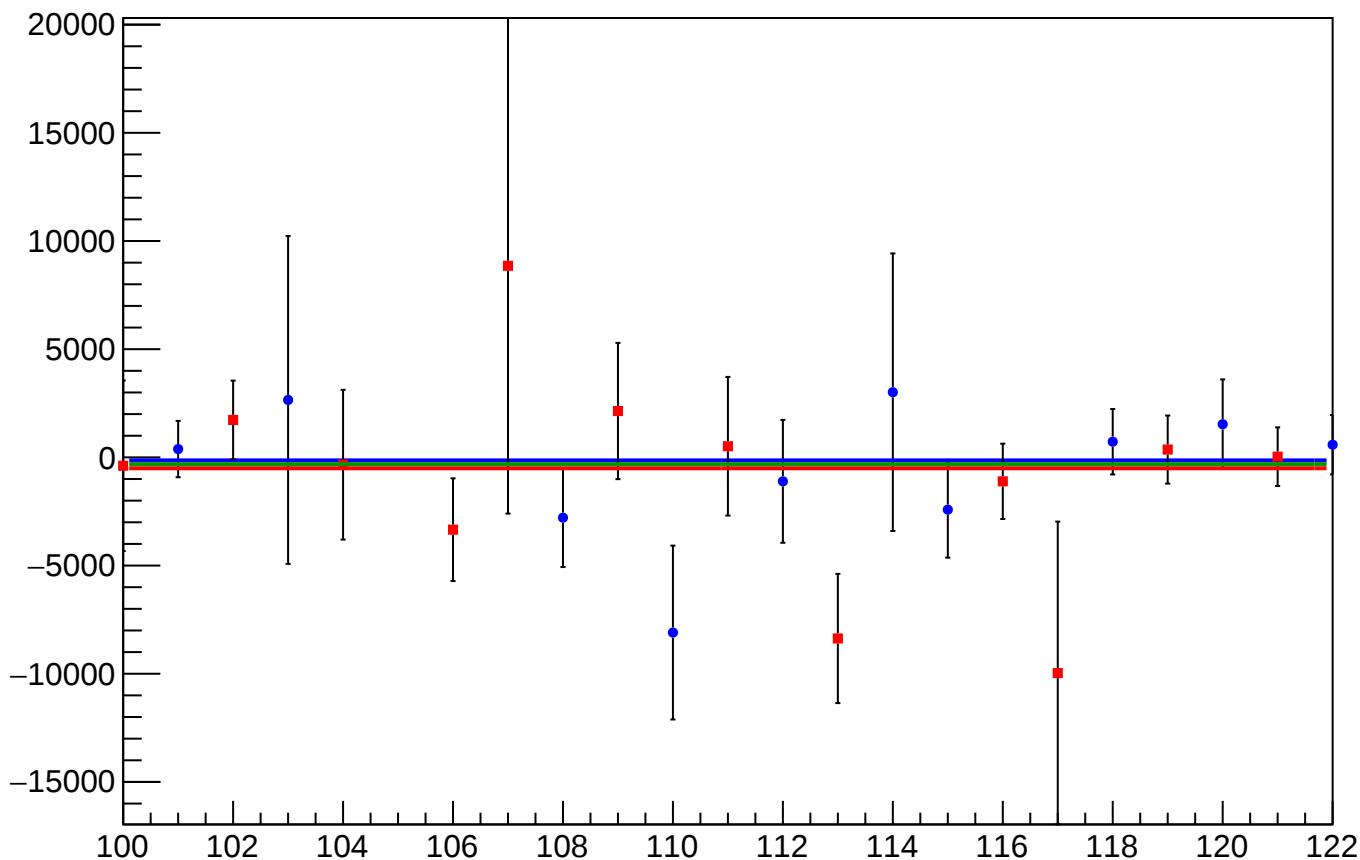
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2707.662 $\pm$ 0.997 χ^2 /NDF: 173960.5/9

2788.316 $\pm$ 0.702 χ^2 /NDF: 439229.3/21

2867.425 $\pm$ 0.988 χ^2 /NDF: 252308.7/11

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -138.454+/-643.738 χ^2/NDF : 8.2/9

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

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

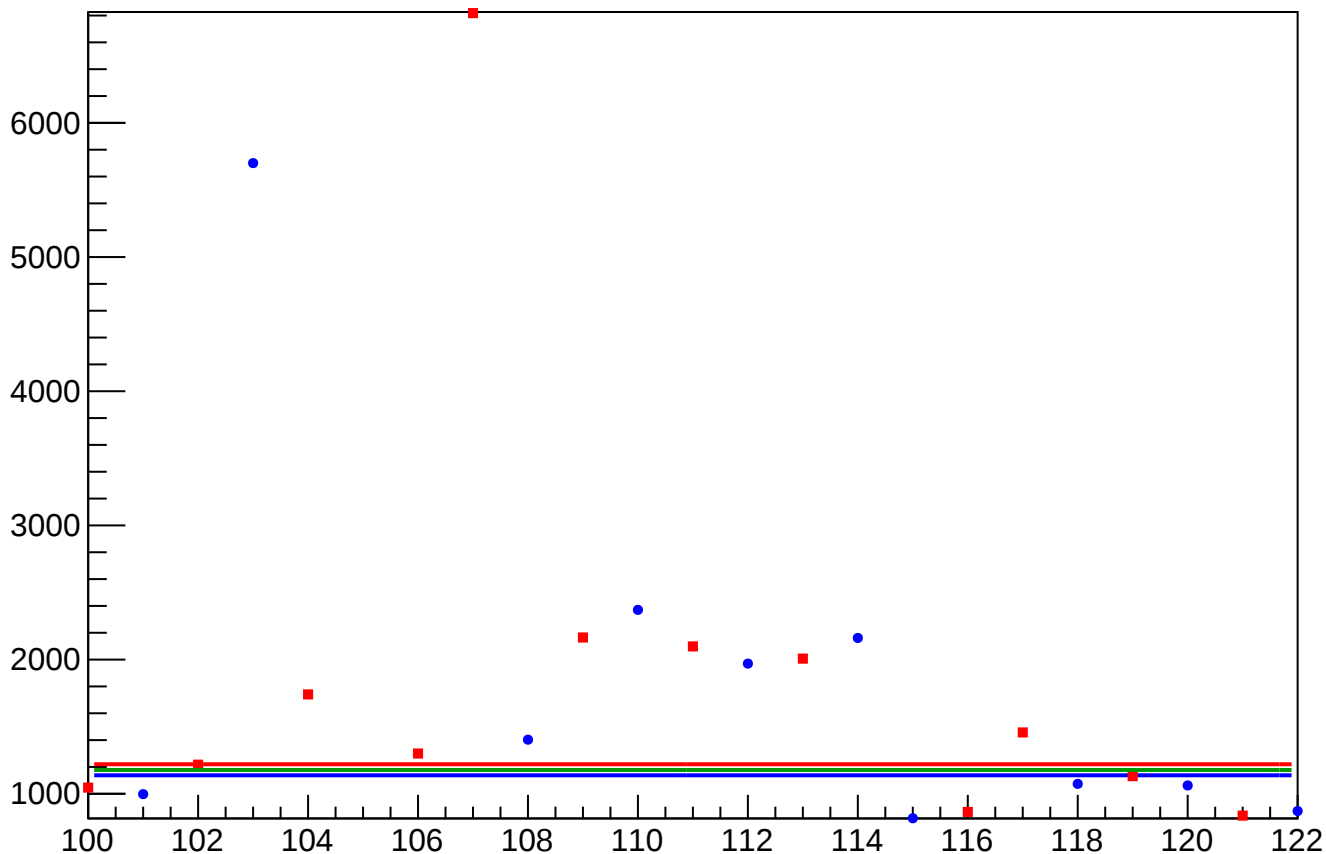
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-138.454+/-643.738 χ^2/NDF : 8.2/9

-314.631+/-463.236 χ^2/NDF : 22.1/21

-503.837+/-667.117 χ^2/NDF : 13.8/11

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1137.881+/-0.455 χ^2/NDF : 1309483.7/9

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

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

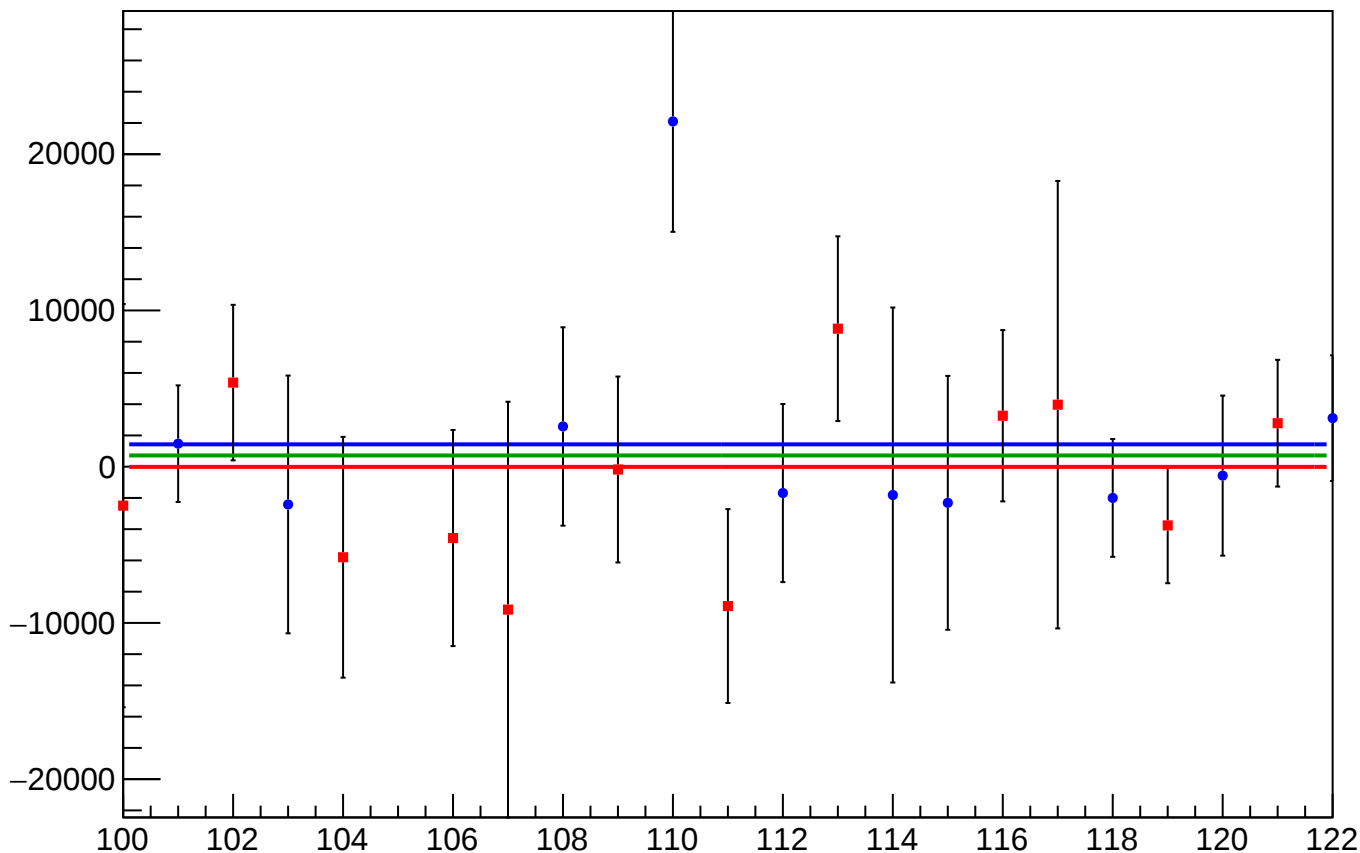
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1137.881+/-0.455 χ^2/NDF : 1309483.7/9

1177.505+/-0.328 χ^2/NDF : 2575551.1/21

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

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1430.381+/-1679.651 χ^2/NDF : 10.5/9

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

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

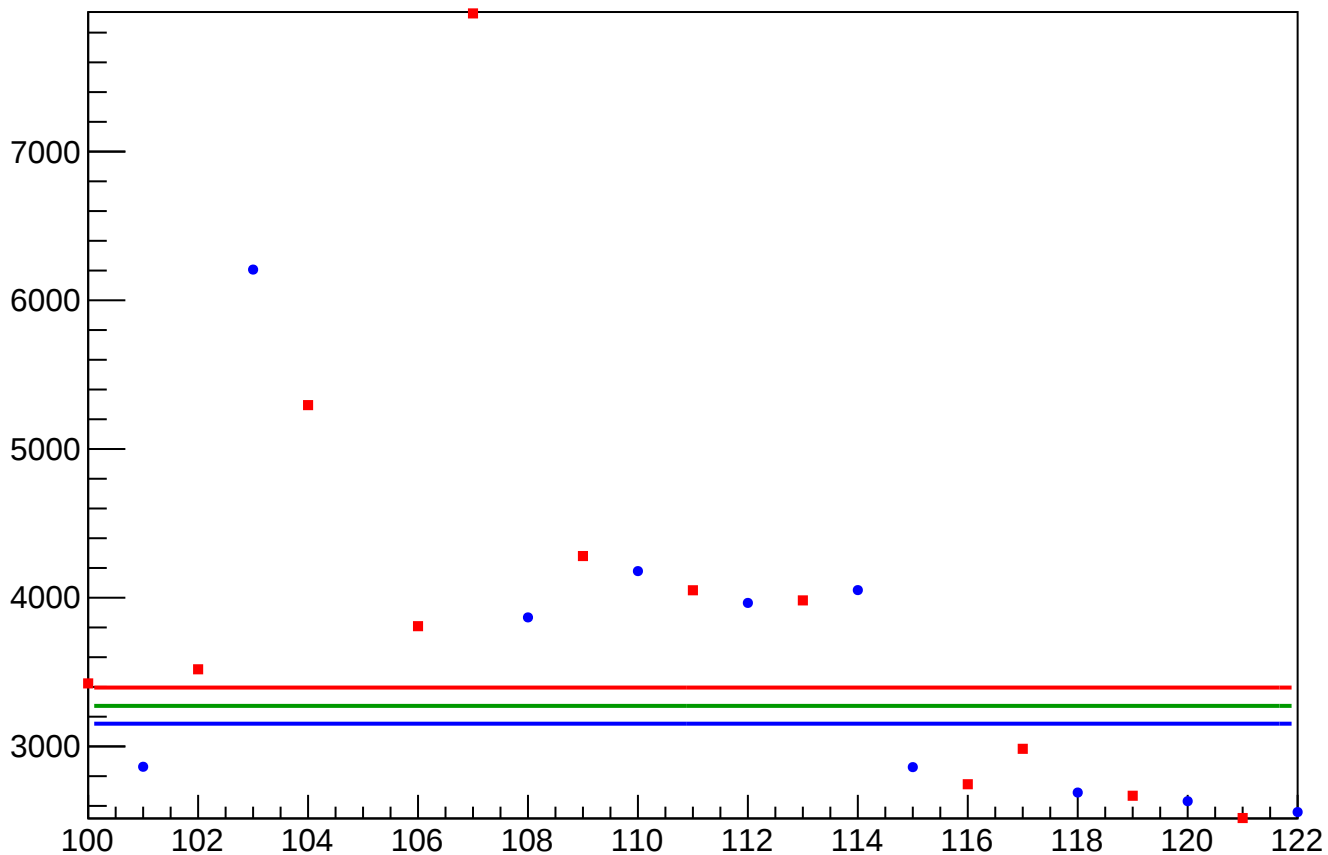
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1430.381+/-1679.651 χ^2/NDF : 10.5/9

719.434+/-1196.124 χ^2/NDF : 19.8/21

-12.066+/-1703.757 χ^2/NDF : 8.9/11

asym_atl1_rms vs Slug, Sign Corrected



Right In: 3152.892+/-1.188 χ^2/NDF : 502493.1/9

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

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

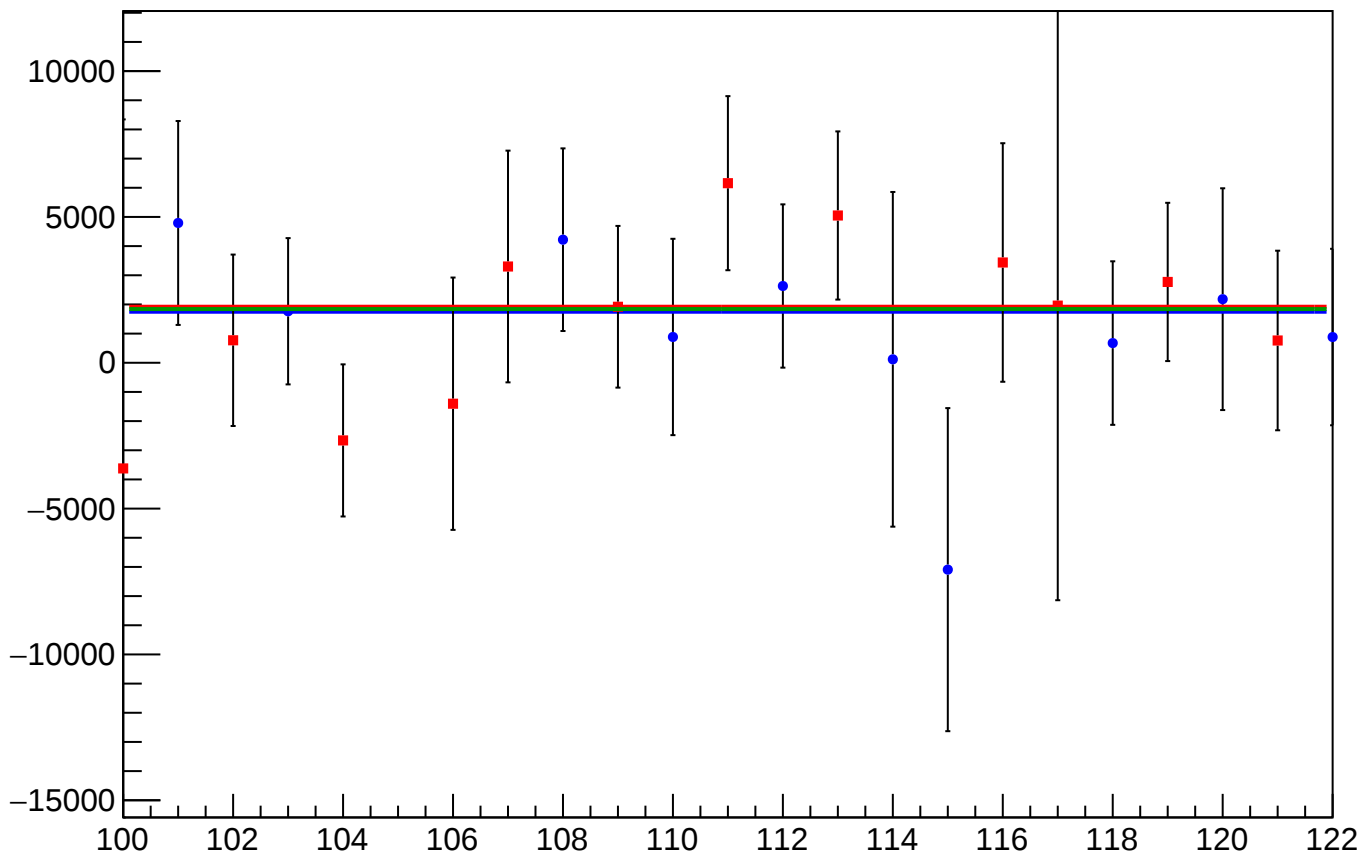
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3152.892+/-1.188 χ^2/NDF : 502493.1/9

3272.649+/-0.846 χ^2/NDF : 1171805.5/21

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

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1750.192+/-1038.403 χ^2/NDF : 4.4/9

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

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

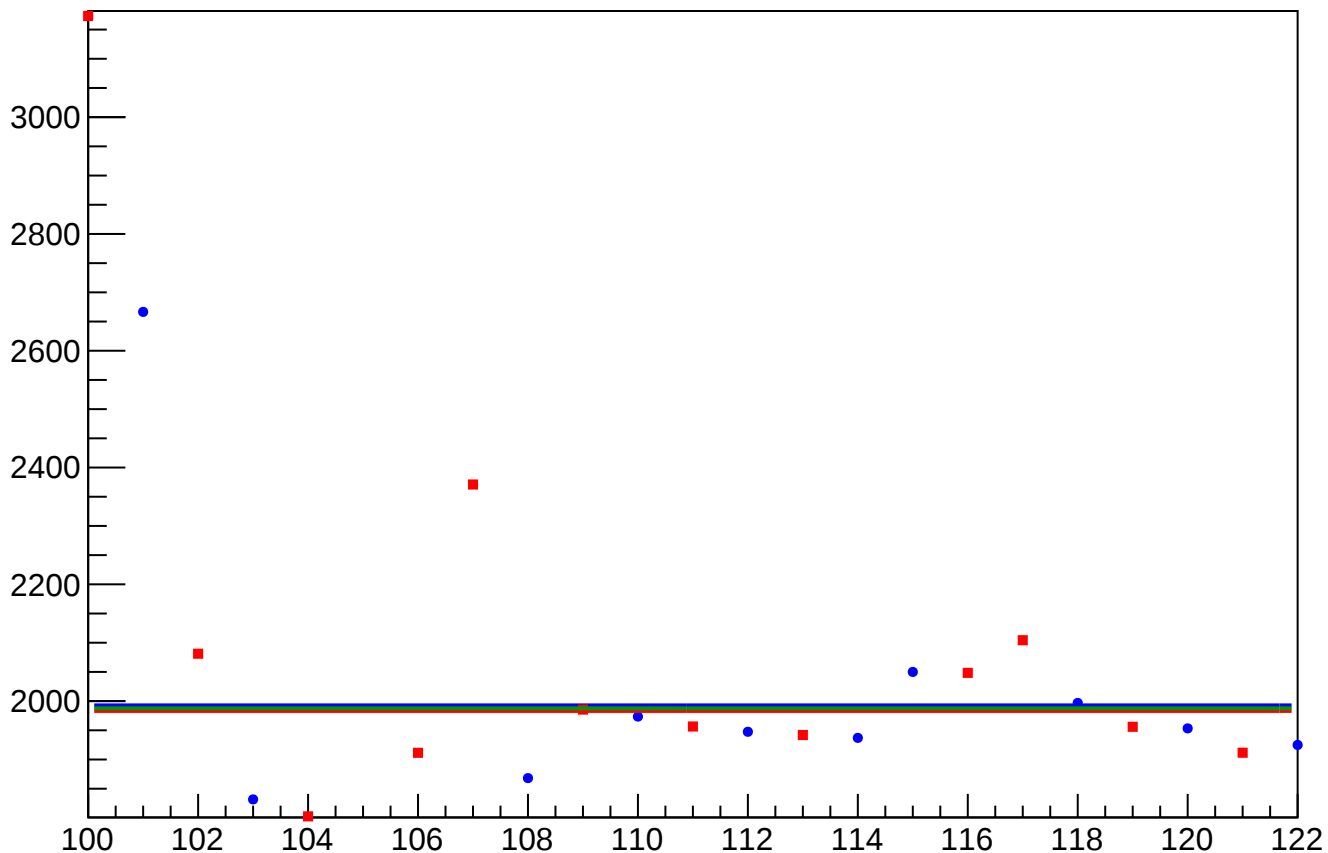
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1750.192+/-1038.403 χ^2/NDF : 4.4/9

1841.428+/-709.283 χ^2/NDF : 12.2/21

1921.226+/-971.128 χ^2/NDF : 7.7/11

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1992.649 +/- 0.734 χ^2/NDF : 87944.2/9

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

Right Out: 1983.214 +/- 0.687 χ^2/NDF : 53849.1/11

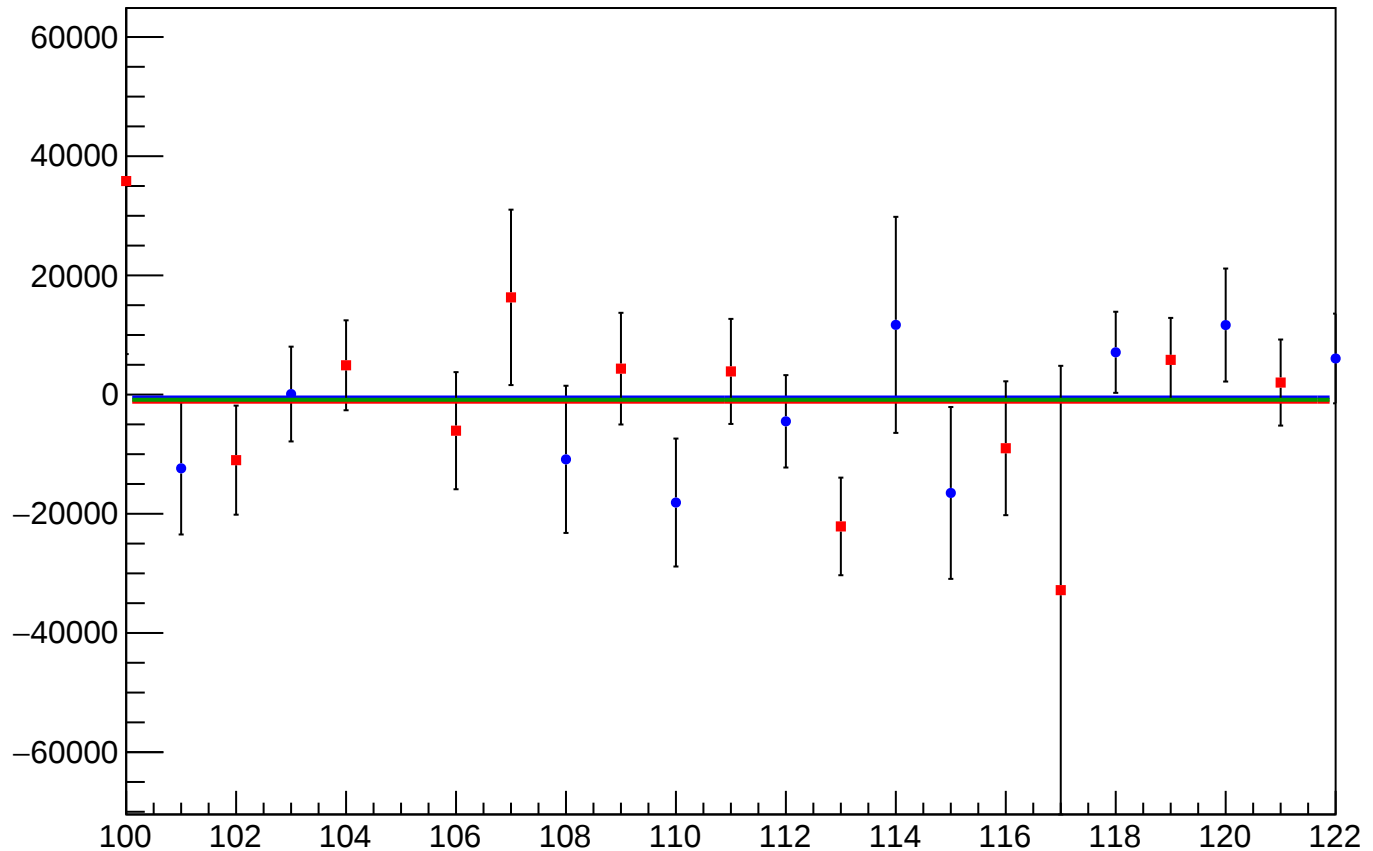
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

1992.649 +/- 0.734 χ^2/NDF : 87944.2/9

1987.616 +/- 0.502 χ^2/NDF : 141881.4/21

1983.214 +/- 0.687 χ^2/NDF : 53849.1/11

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -488.409+/-2961.106 χ^2/NDF : 10.1/9

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

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

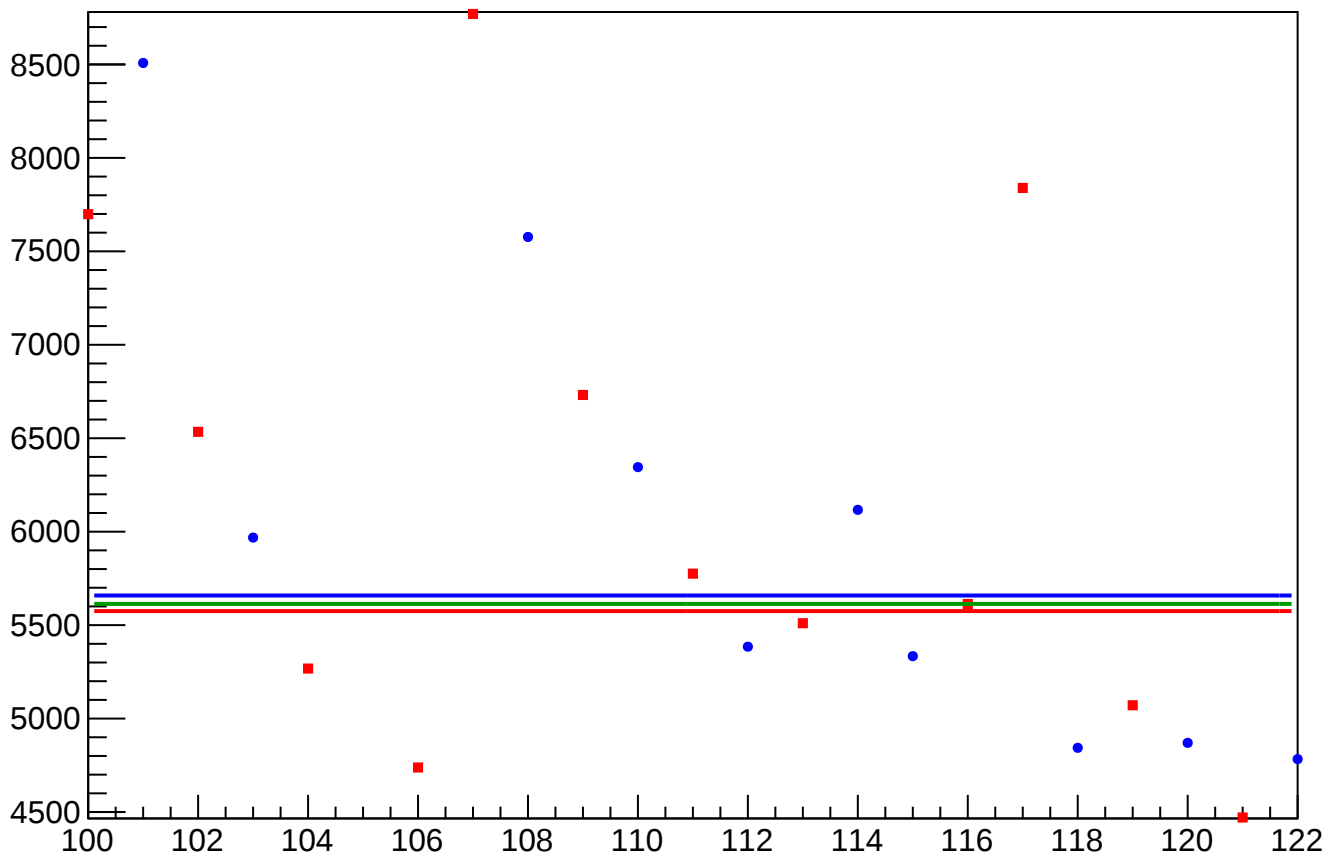
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-488.409+/-2961.106 χ^2/NDF : 10.1/9

-867.992+/-2012.674 χ^2/NDF : 24.9/21

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

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 5658.488+/-2.094 χ^2/NDF : 265609.9/9

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

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

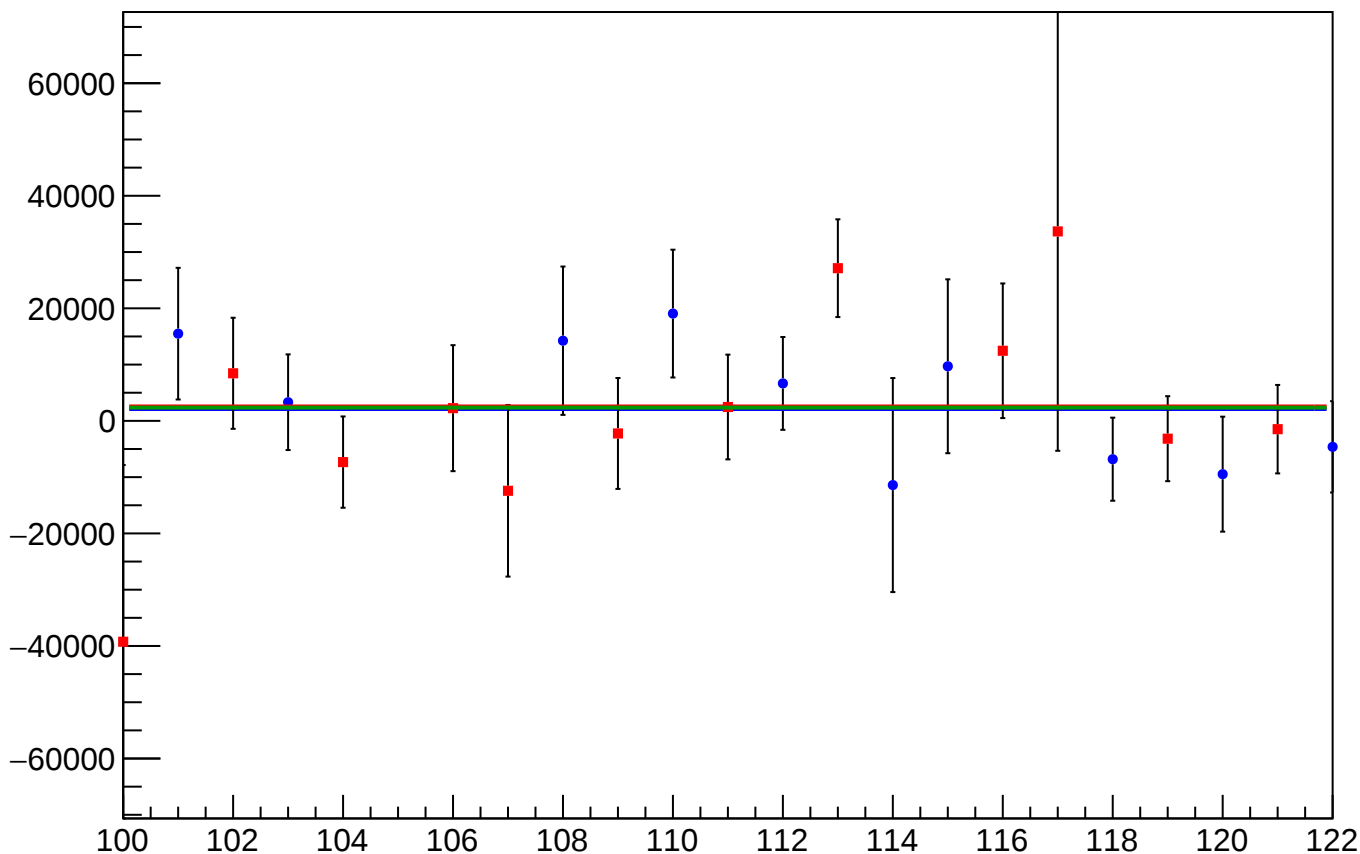
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5658.488+/-2.094 χ^2/NDF : 265609.9/9

5613.634+/-1.423 χ^2/NDF : 507137.9/21

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

asym_atl2_mean vs Slug, Sign Corrected



Right In: 2113.285+/-3171.228 χ^2/NDF : 8.9/9

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

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

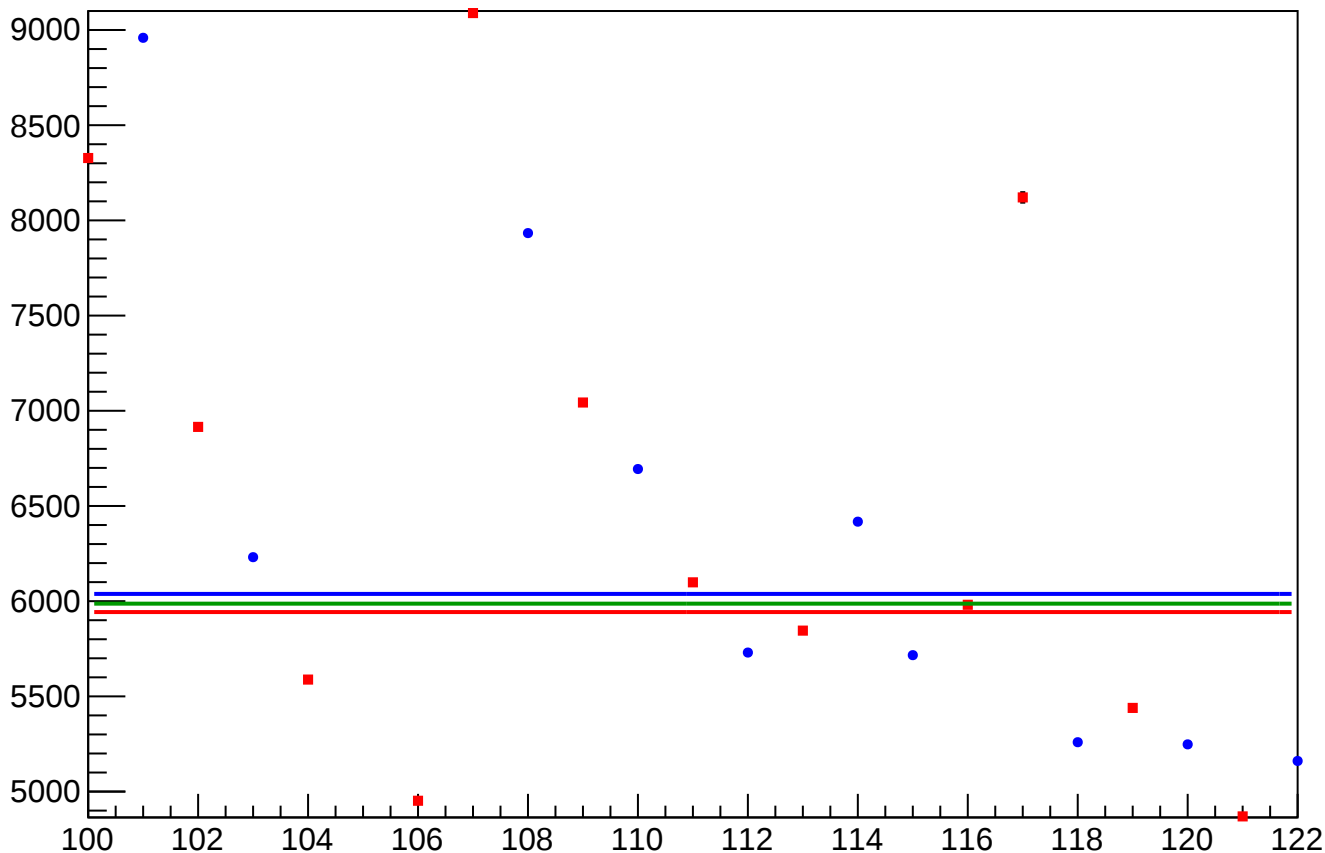
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2113.285+/-3171.228 χ^2/NDF : 8.9/9

2353.383+/-2158.275 χ^2/NDF : 23.9/21

2560.554+/-2945.753 χ^2/NDF : 15.0/11

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6038.165+/-2.242 χ^2/NDF : 235794.2/9

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

Right Out: 5942.832+/-2.083 χ^2/NDF : 213842.1/11

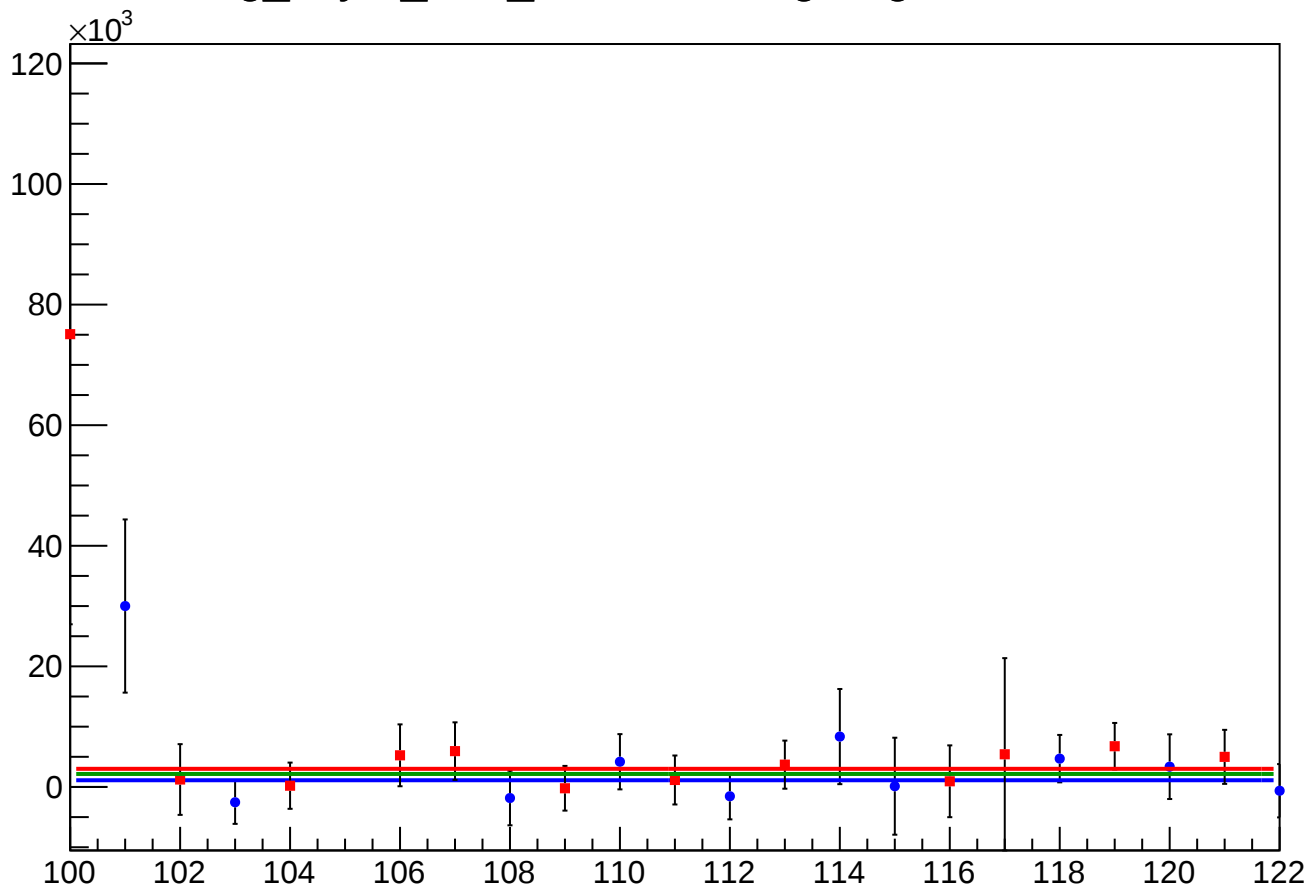
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6038.165+/-2.242 χ^2/NDF : 235794.2/9

5986.986+/-1.526 χ^2/NDF : 450606.7/21

5942.832+/-2.083 χ^2/NDF : 213842.1/11

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1111.768 $\pm$ 1526.261 χ^2 /NDF: 8.5/9

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

Right Out: 3008.345 $\pm$ 1380.440 χ^2 /NDF: 5.7/11

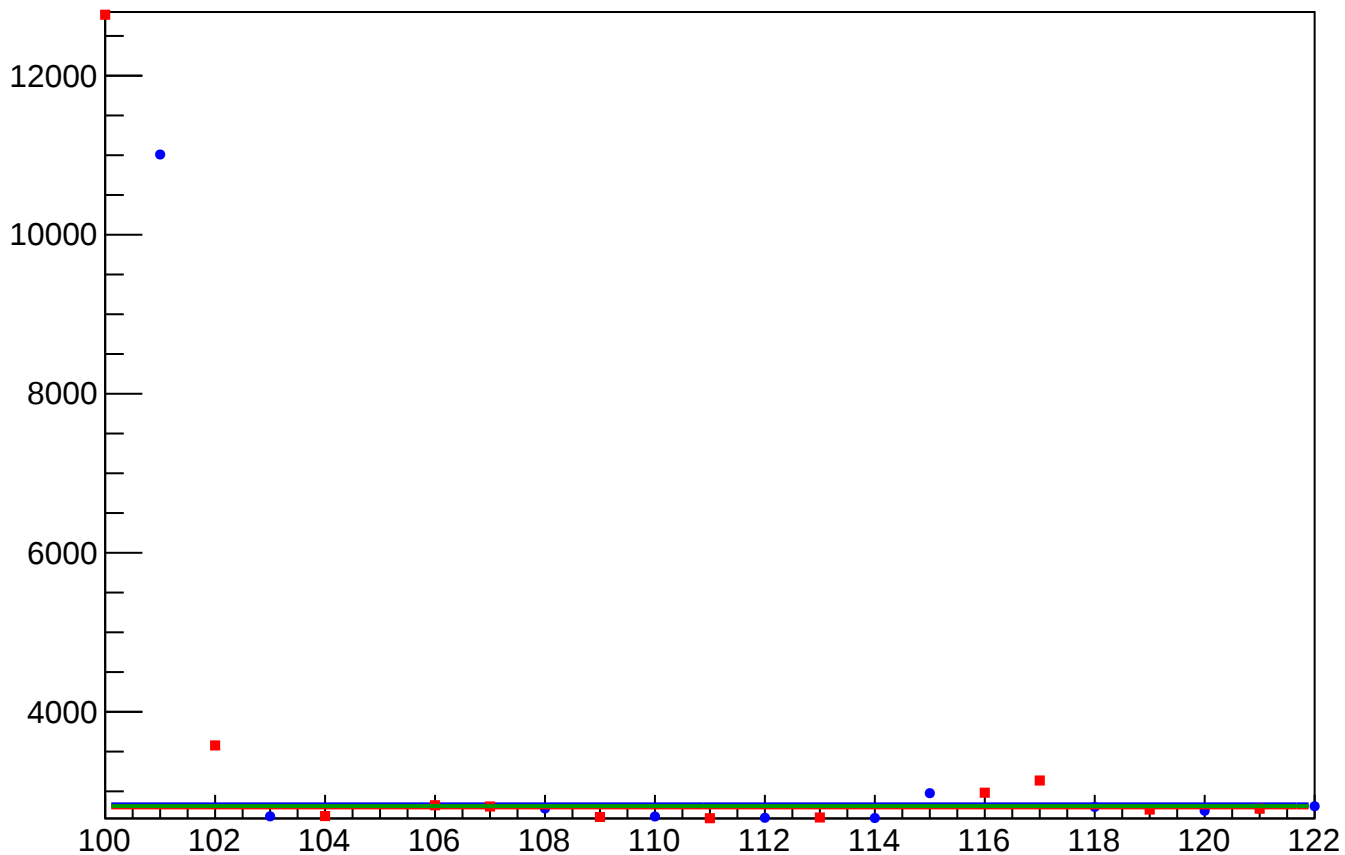
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1111.768 $\pm$ 1526.261 χ^2 /NDF: 8.5/9

2154.963 $\pm$ 1023.800 χ^2 /NDF: 15.0/21

3008.345 $\pm$ 1380.440 χ^2 /NDF: 5.7/11

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2836.120+/-1.079 χ^2/NDF : 659704.3/9

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

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

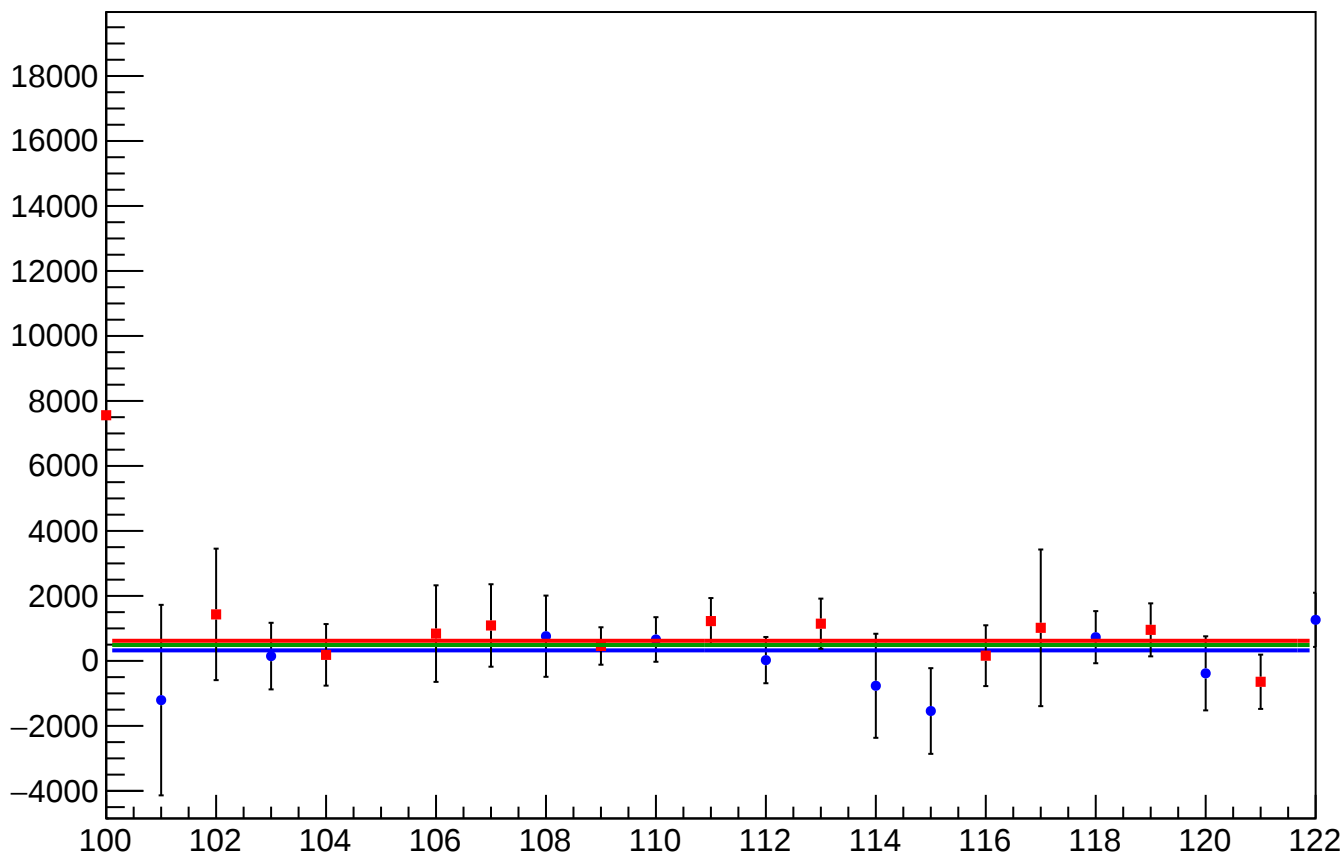
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2836.120+/-1.079 χ^2/NDF : 659704.3/9

2815.183+/-0.724 χ^2/NDF : 792550.1/21

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

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: 323.465+/-308.075 χ^2/NDF : 5.2/9

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

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

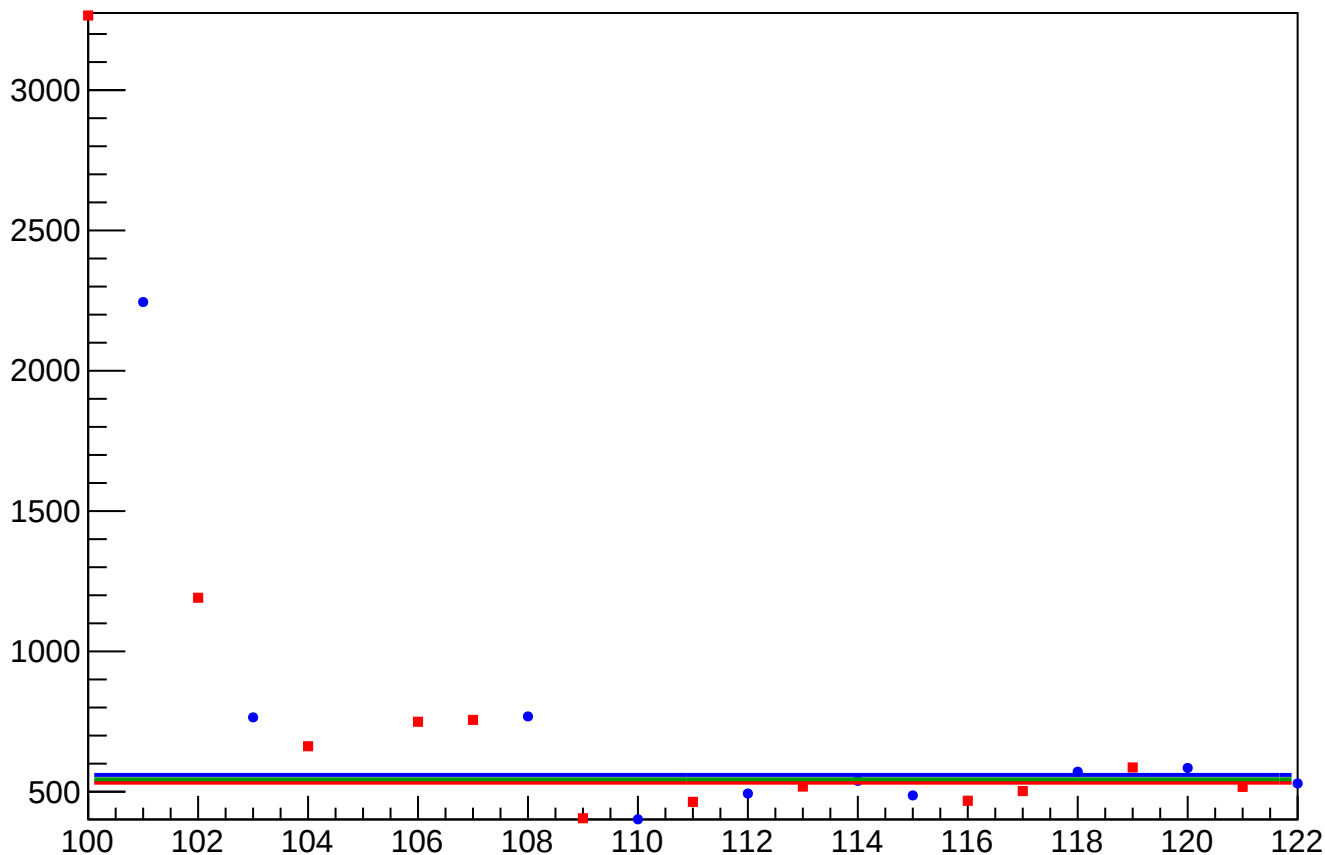
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

323.465+/-308.075 χ^2/NDF : 5.2/9

488.912+/-204.501 χ^2/NDF : 10.6/21

619.241+/-273.431 χ^2/NDF : 4.8/11

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 559.906+/-0.218 χ^2/NDF : 930632.1/9

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

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

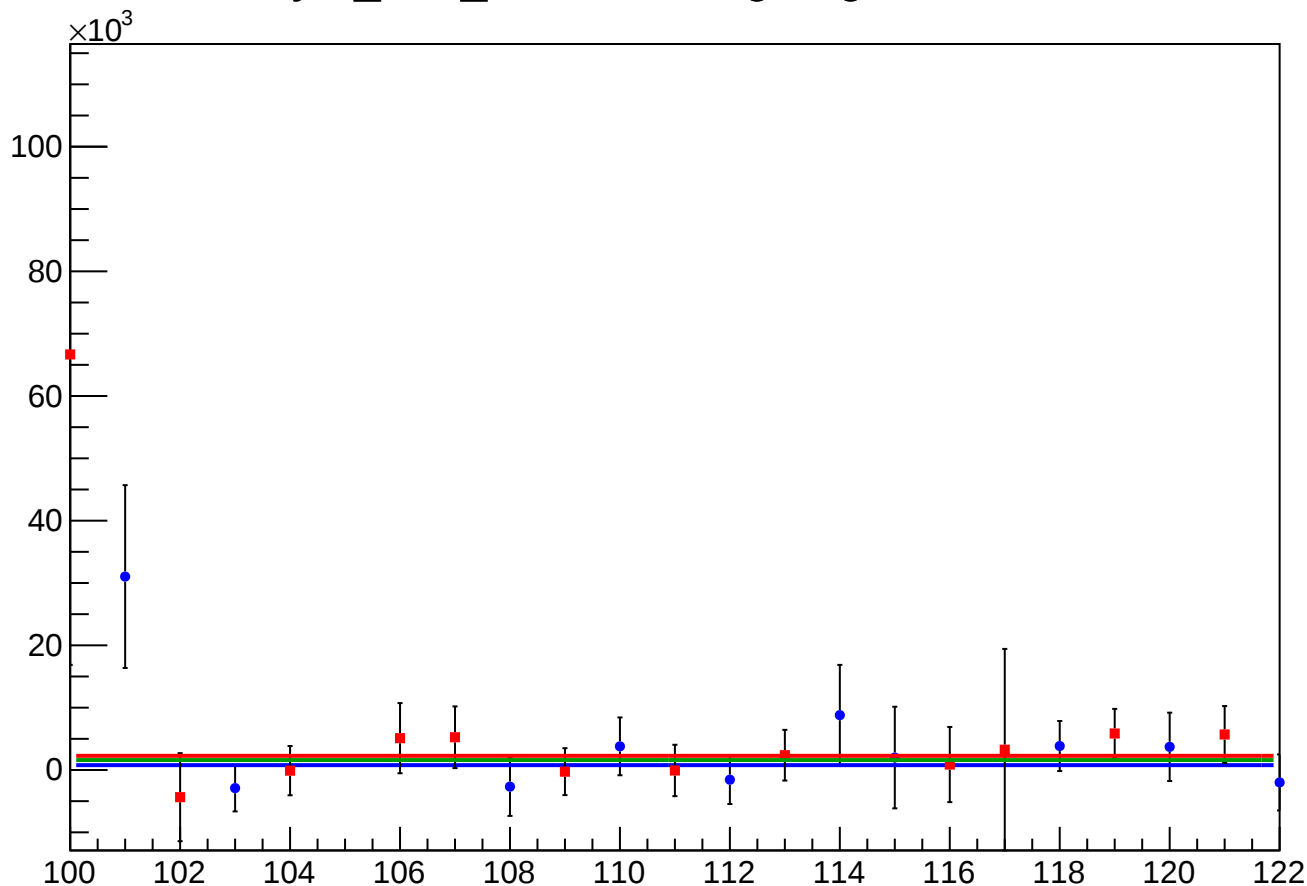
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

559.906+/-0.218 χ^2/NDF : 930632.1/9

544.431+/-0.145 χ^2/NDF : 1526583.8/21

532.241+/-0.193 χ^2/NDF : 586929.9/11

asym_atr1_mean vs Slug, Sign Corrected



Right In: 778.634 $\pm$ 1564.069 χ^2 /NDF: 8.8/9

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

Right Out: 2273.146 $\pm$ 1428.268 χ^2 /NDF: 5.8/11

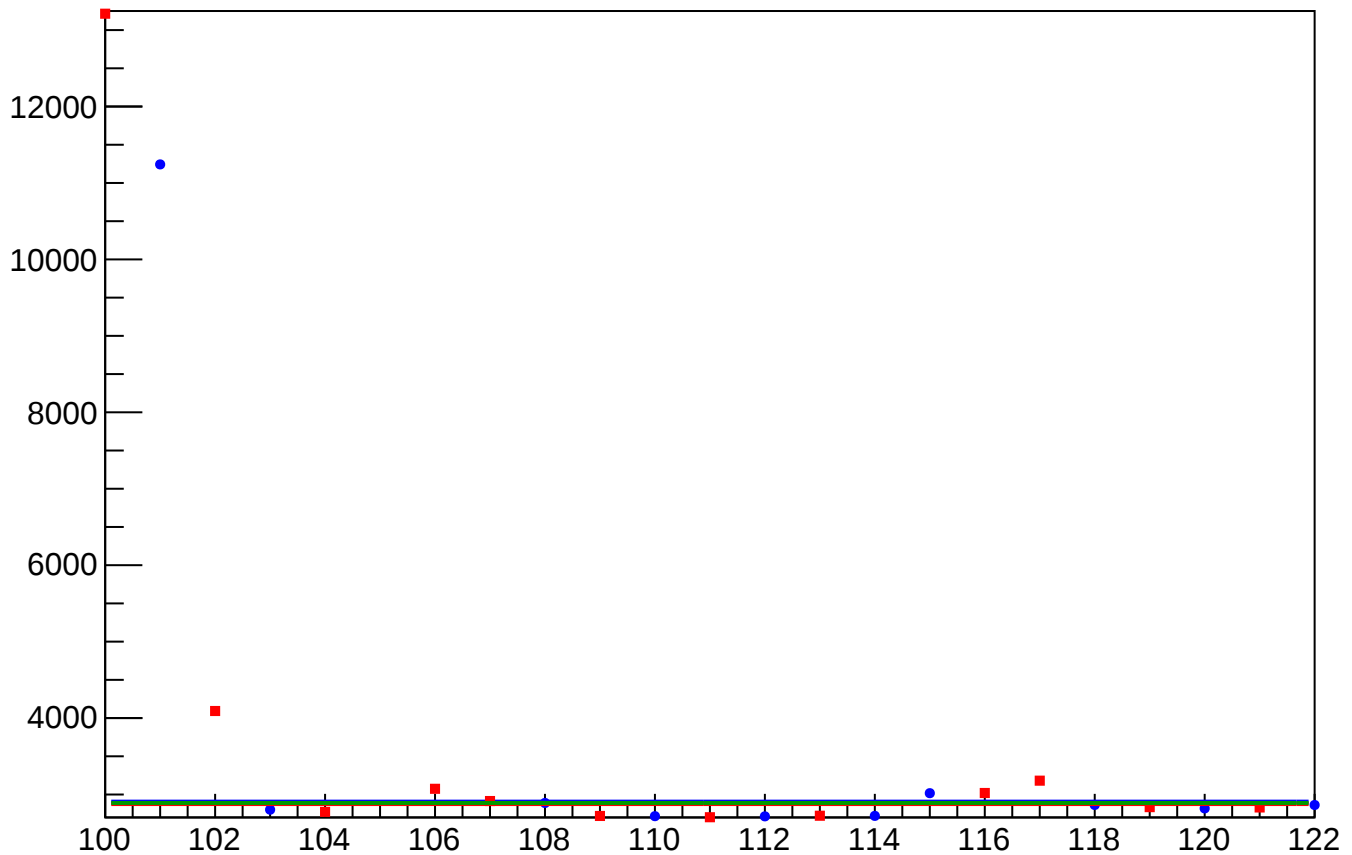
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

778.634 $\pm$ 1564.069 χ^2 /NDF: 8.8/9

1593.576 $\pm$ 1054.687 χ^2 /NDF: 15.1/21

2273.146 $\pm$ 1428.268 χ^2 /NDF: 5.8/11

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2906.808+/-1.106 χ^2/NDF : 658319.9/9

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

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

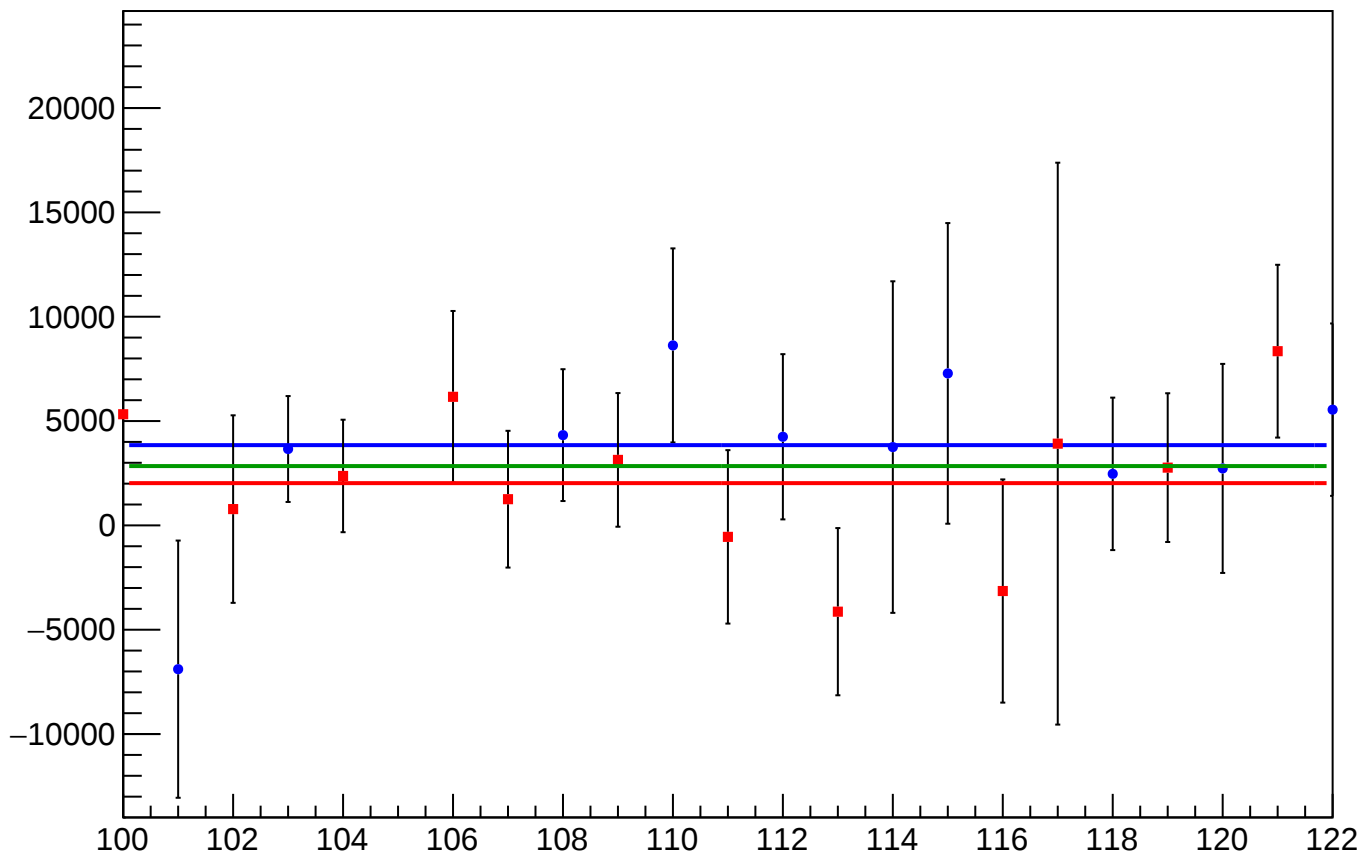
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2906.808+/-1.106 χ^2/NDF : 658319.9/9

2889.574+/-0.746 χ^2/NDF : 820323.7/21

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

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3845.942 $\pm$ 1290.575 χ^2 /NDF: 4.7/9

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

Right Out: 2024.882 $\pm$ 1164.623 χ^2 /NDF: 7.4/11

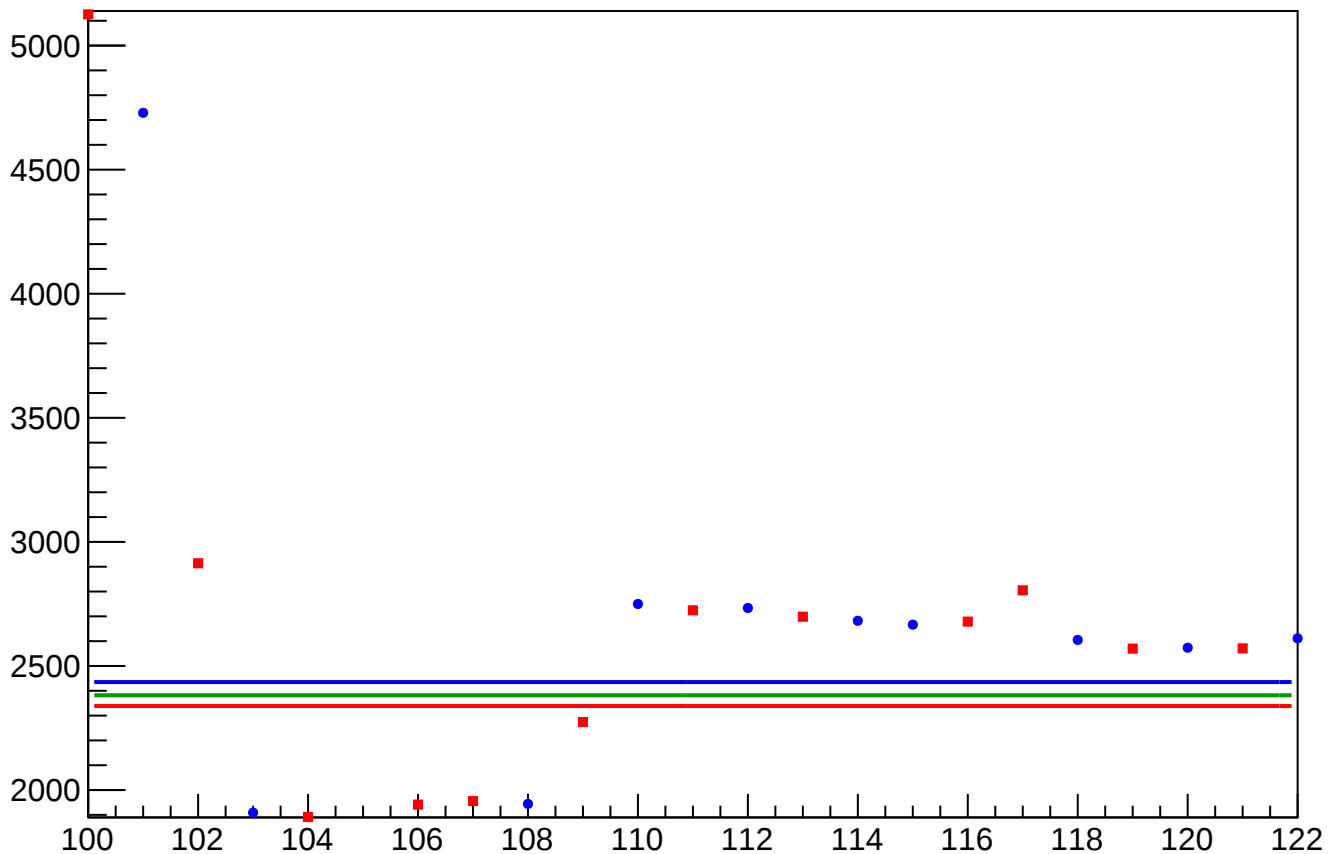
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3845.942 $\pm$ 1290.575 χ^2 /NDF: 4.7/9

2842.236 $\pm$ 864.622 χ^2 /NDF: 13.2/21

2024.882 $\pm$ 1164.623 χ^2 /NDF: 7.4/11

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2435.190+/-0.913 χ^2/NDF : 445281.9/9

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

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

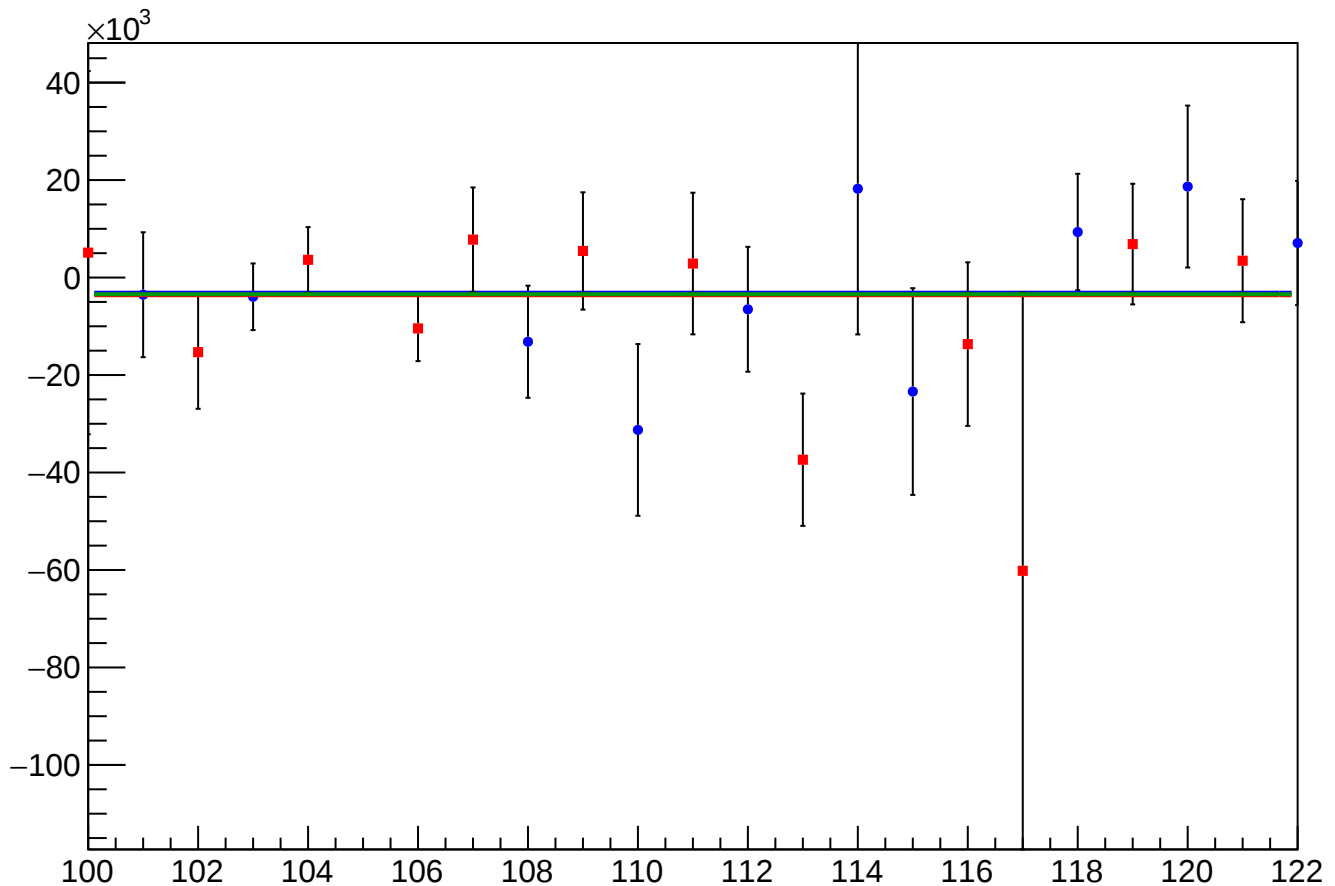
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2435.190+/-0.913 χ^2/NDF : 445281.9/9

2381.950+/-0.611 χ^2/NDF : 686193.9/21

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

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3110.815+/-3937.132 χ^2 /NDF: 8.3/9

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

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

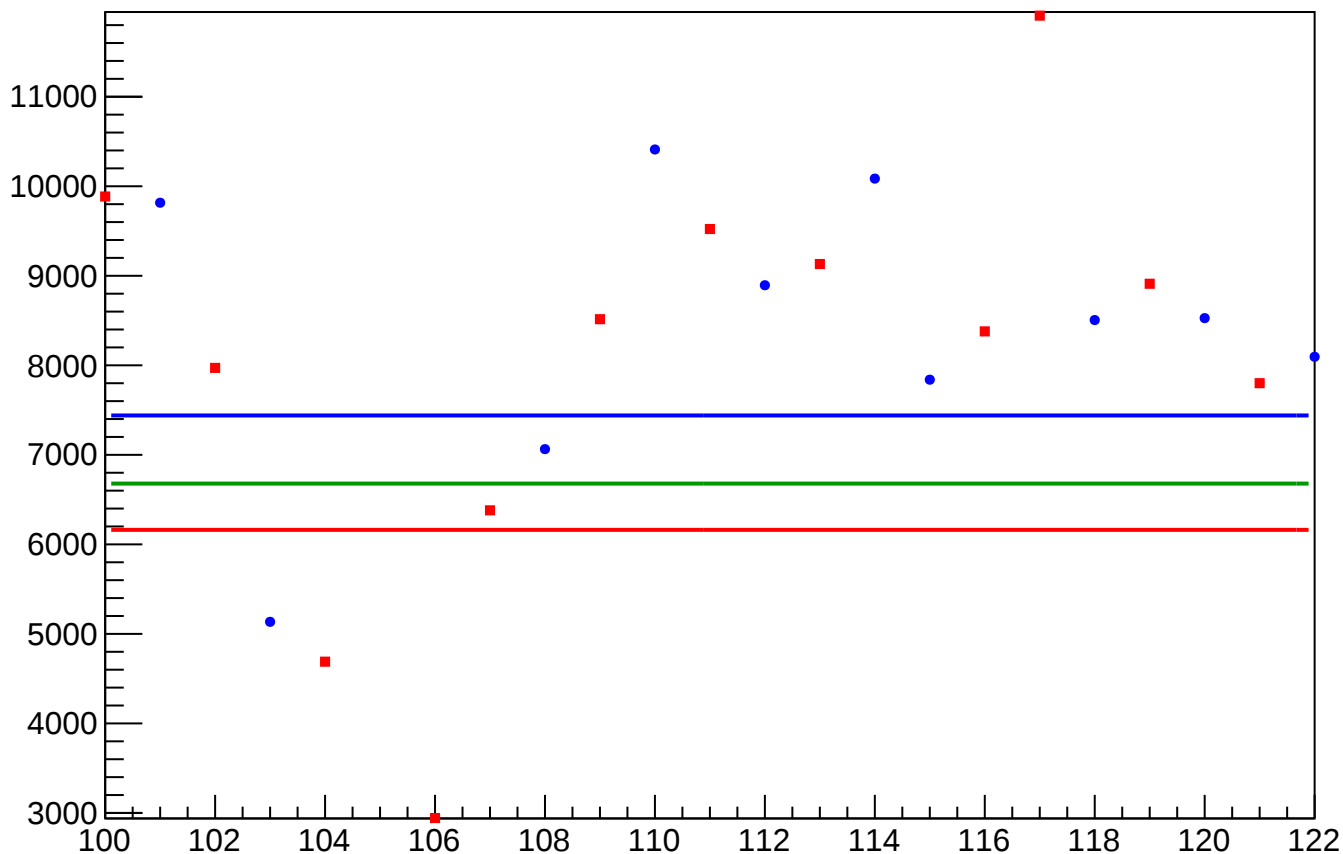
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-3110.815+/-3937.132 χ^2 /NDF: 8.3/9

-3420.033+/-2504.157 χ^2 /NDF: 22.0/21

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

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 7439.888 +/- 2.784 χ^2/NDF : 427289.8/9

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

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

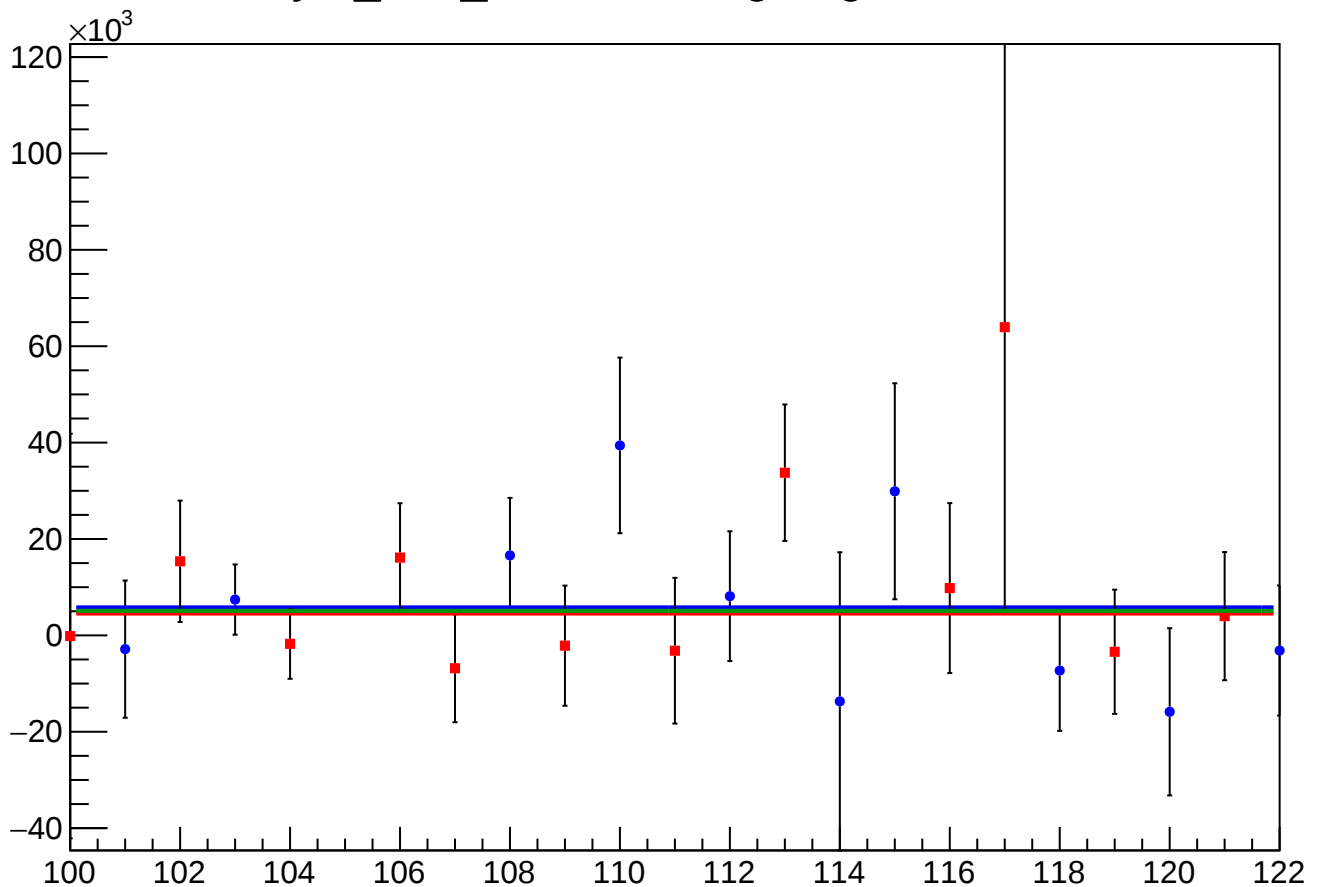
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

7439.888 +/- 2.784 χ^2/NDF : 427289.8/9

6679.021 +/- 1.771 χ^2/NDF : 1644805.5/21

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

asym_atr2_mean vs Slug, Sign Corrected



Right In: 5814.814 $\pm$ 4169.647 χ^2 /NDF: 9.3/9

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

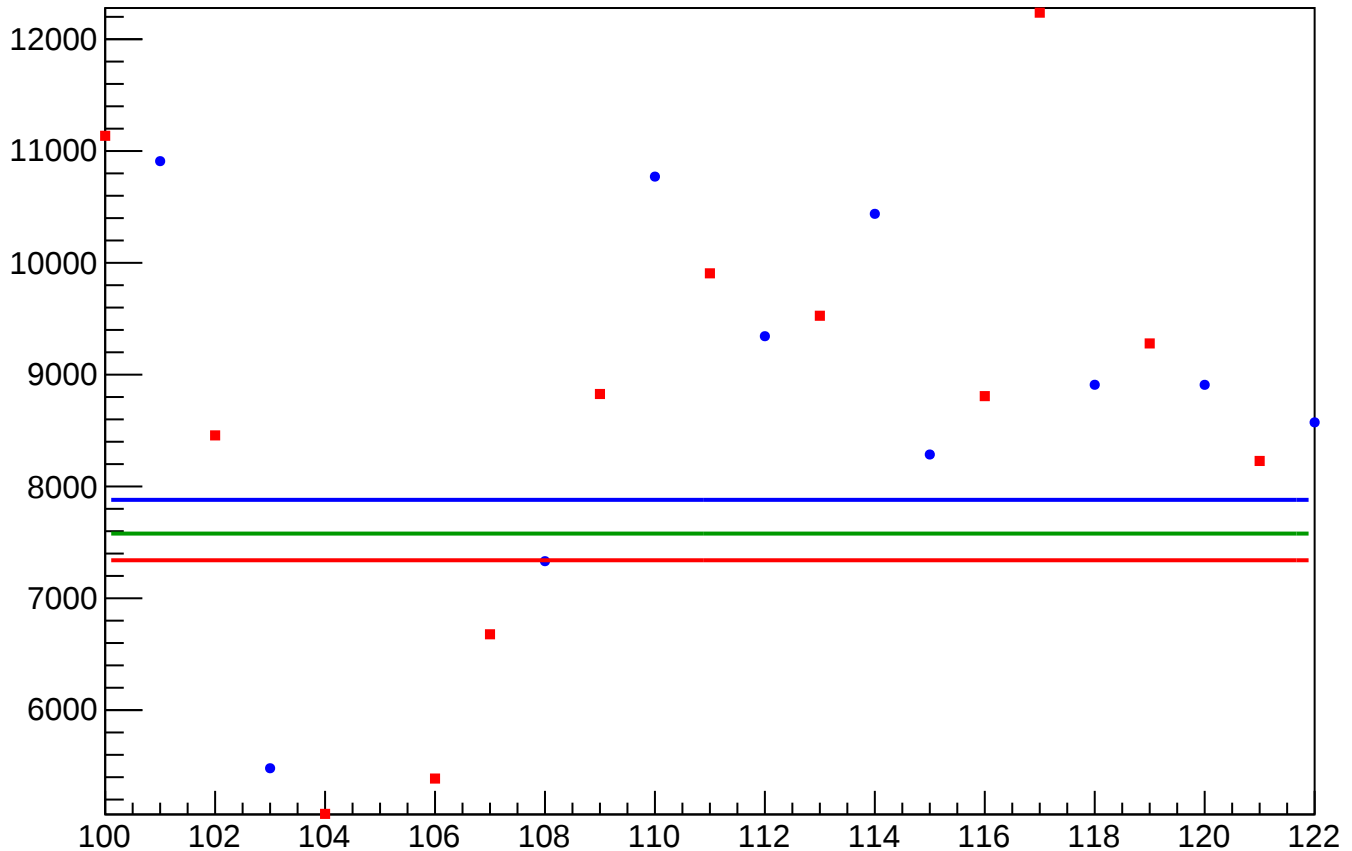
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

5814.814 $\pm$ 4169.647 χ^2 /NDF: 9.3/9

5095.644 $\pm$ 2771.301 χ^2 /NDF: 19.3/21

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

asym_atr2_rms vs Slug, Sign Corrected



Right In: 7880.371+/-2.948 χ^2/NDF : 425611.2/9

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

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

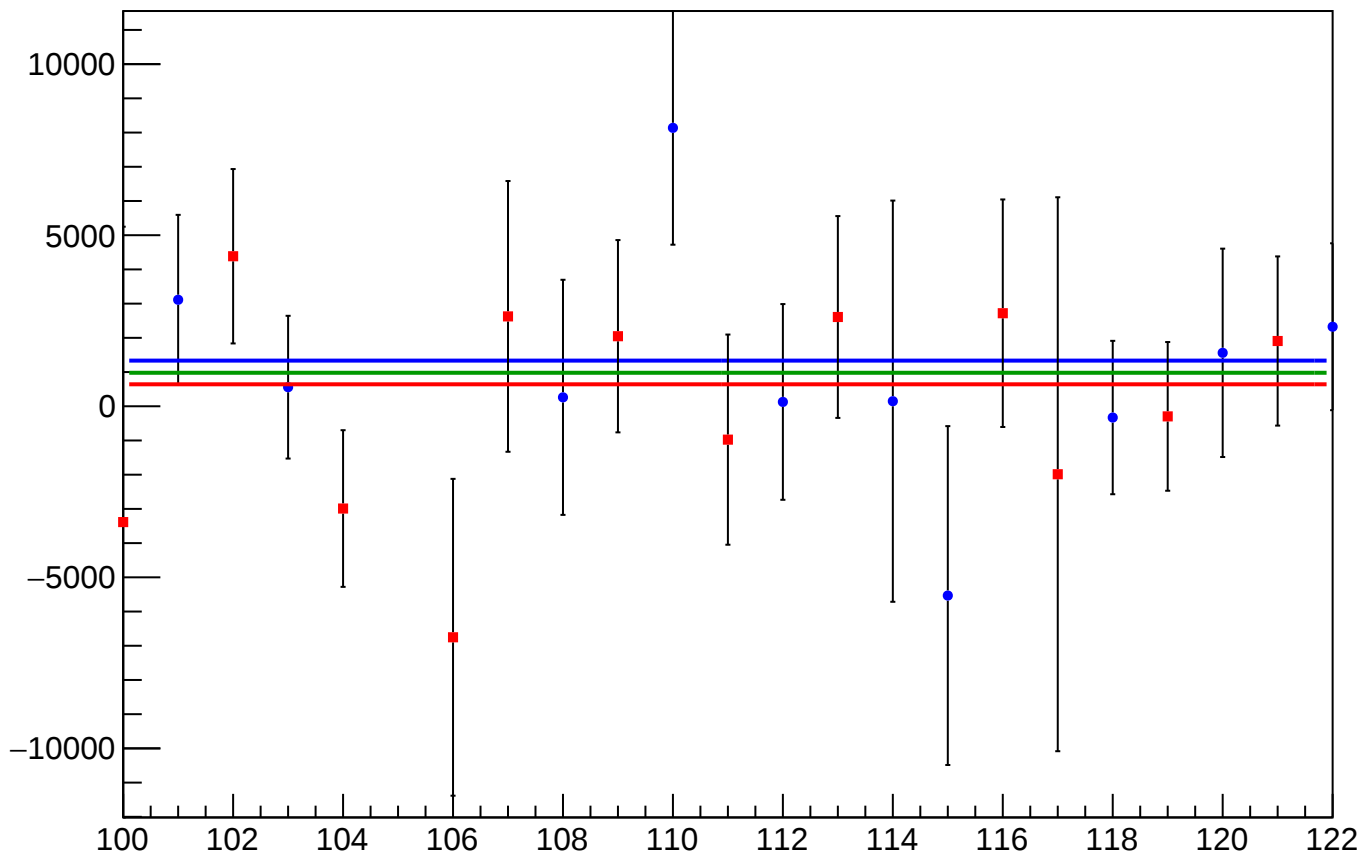
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7880.371+/-2.948 χ^2/NDF : 425611.2/9

7578.743+/-1.960 χ^2/NDF : 954726.5/21

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

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1334.589+/-901.871 χ^2 /NDF: 7.6/9

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

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

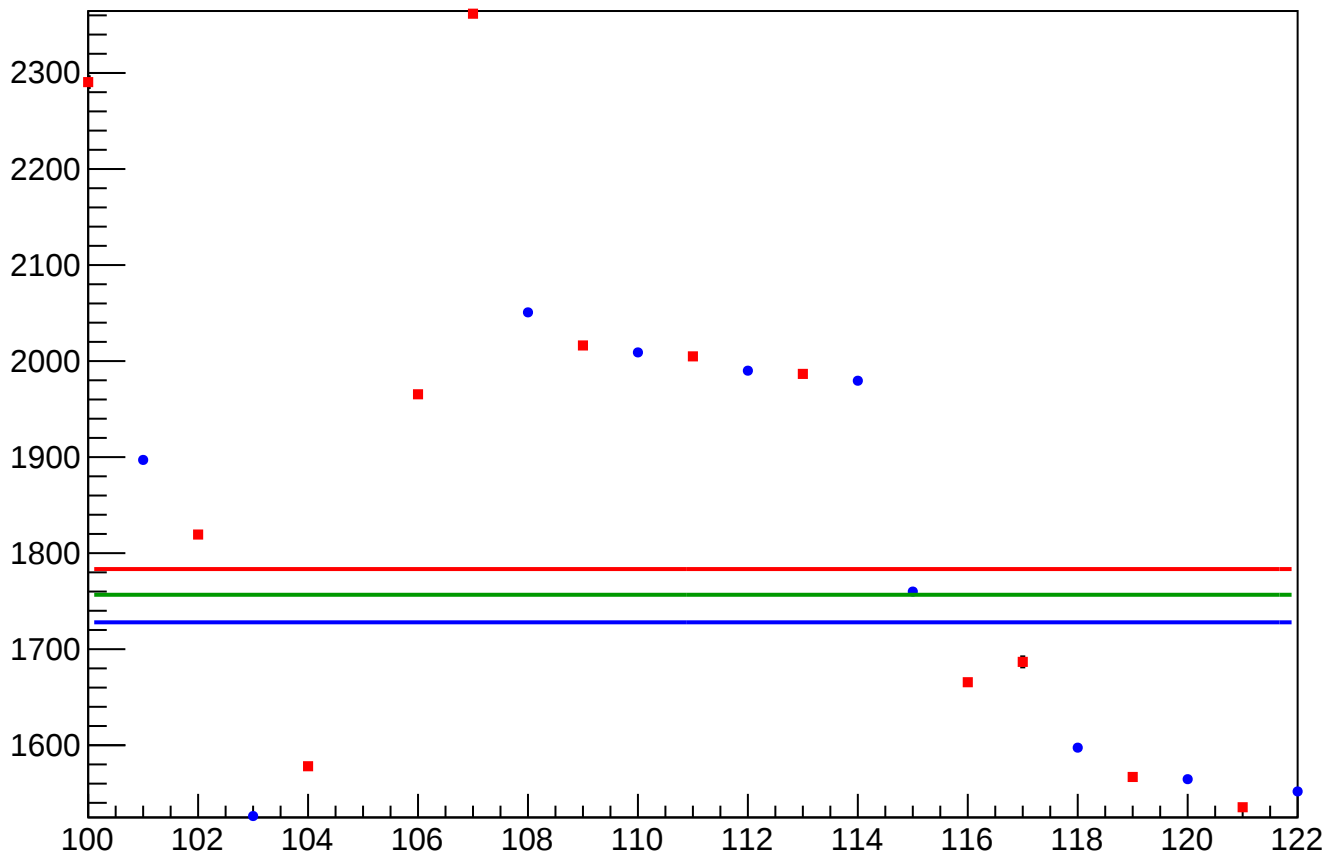
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

1334.589+/-901.871 χ^2 /NDF: 7.6/9

979.081+/-629.123 χ^2 /NDF: 17.5/21

642.114+/-878.037 χ^2 /NDF: 9.6/11

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1727.972+/-0.638 χ^2/NDF : 102679.3/9

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

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

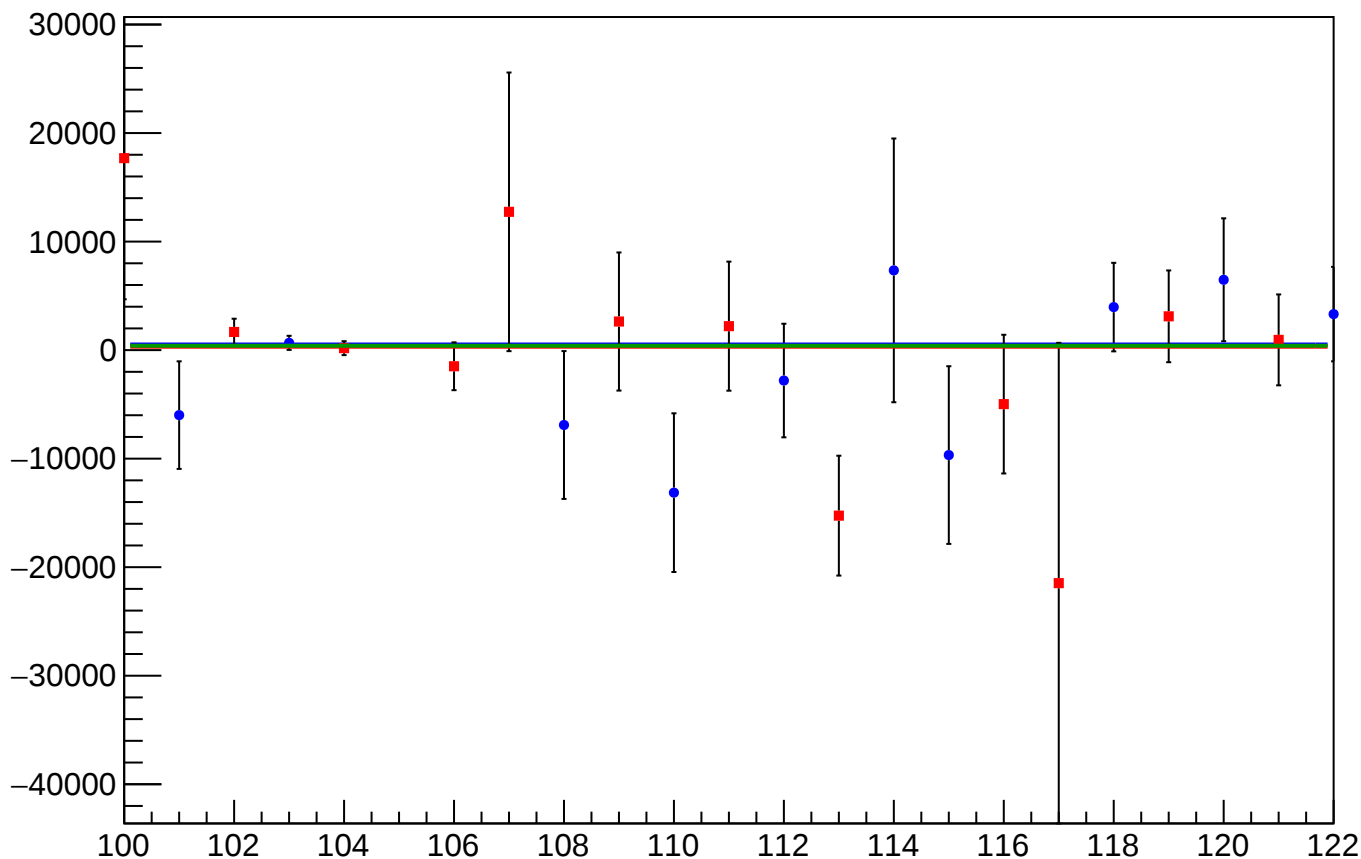
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1727.972+/-0.638 χ^2/NDF : 102679.3/9

1756.657+/-0.443 χ^2/NDF : 253481.7/21

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

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 516.085+/-613.085 χ^2/NDF : 11.0/9

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

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

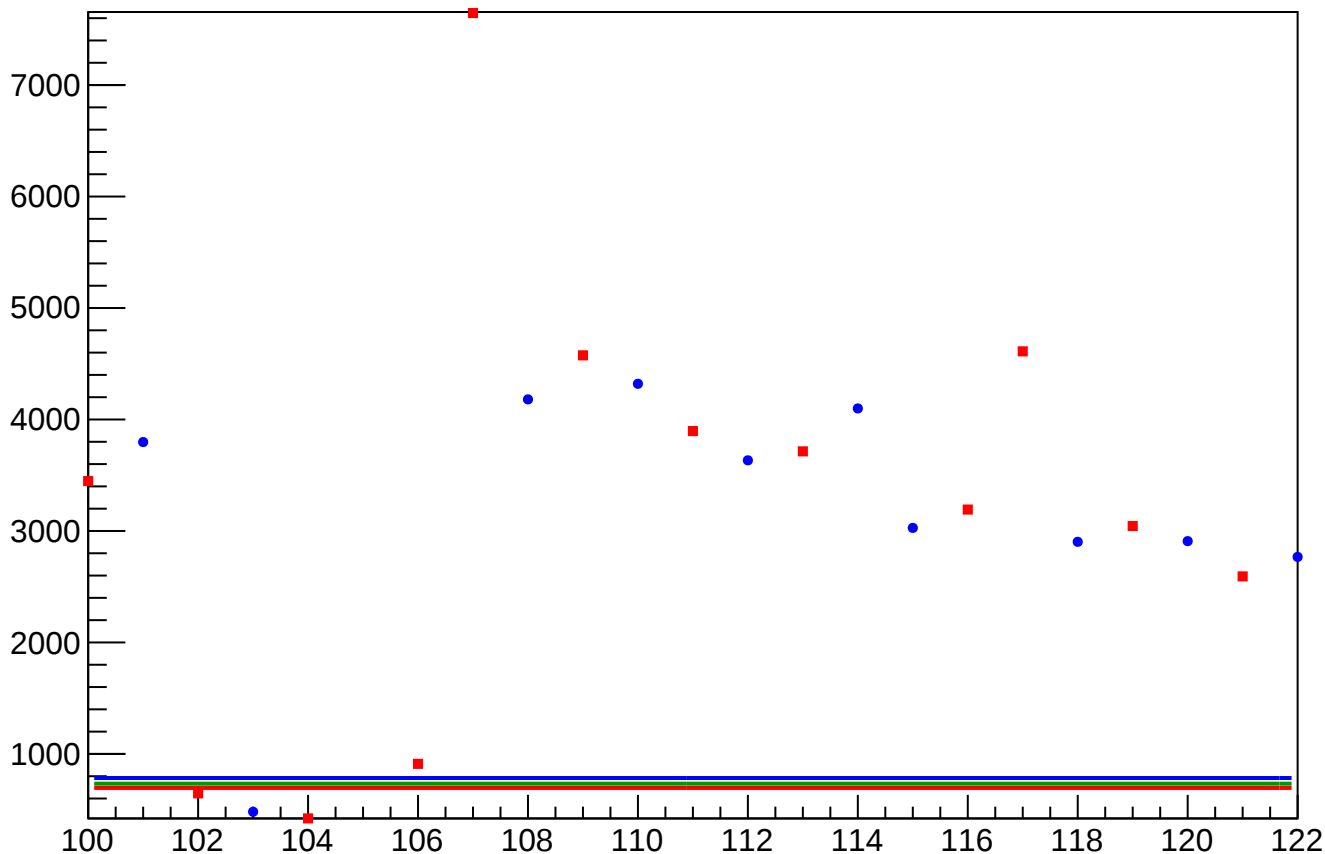
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

516.085+/-613.085 χ^2/NDF : 11.0/9

402.691+/-401.371 χ^2/NDF : 26.0/21

317.636+/-530.975 χ^2/NDF : 15.0/11

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 783.968+/-0.434 χ^2/NDF : 4270060.7/9

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

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

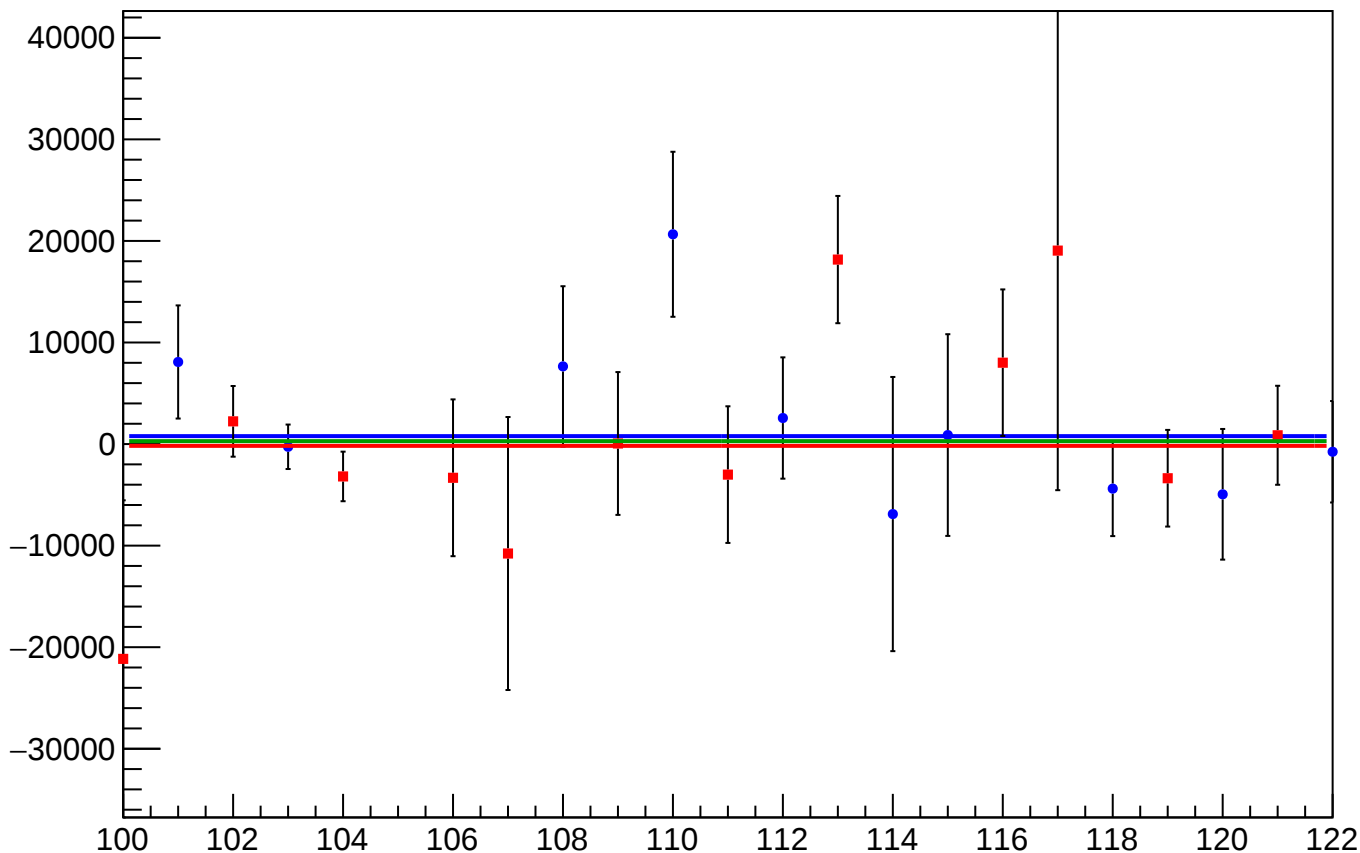
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

783.968+/-0.434 χ^2/NDF : 4270060.7/9

733.054+/-0.284 χ^2/NDF : 8673871.2/21

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

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 781.097+/-1532.266 χ^2/NDF : 11.2/9

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

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

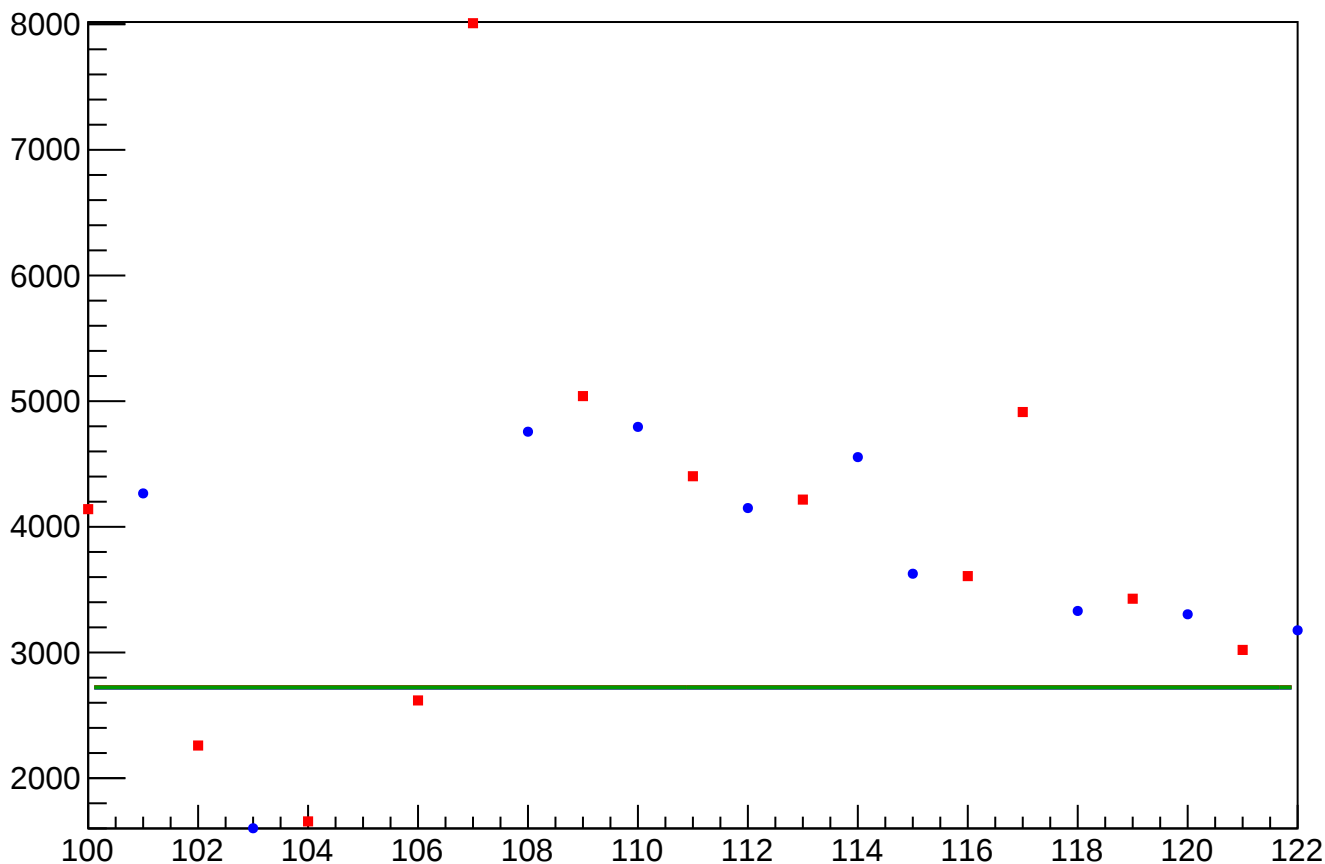
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

781.097+/-1532.266 χ^2/NDF : 11.2/9

288.391+/-1067.252 χ^2/NDF : 27.2/21

-175.871+/-1487.379 χ^2/NDF : 15.8/11

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 2720.383+/-1.083 χ^2/NDF : 1176054.4/9

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

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

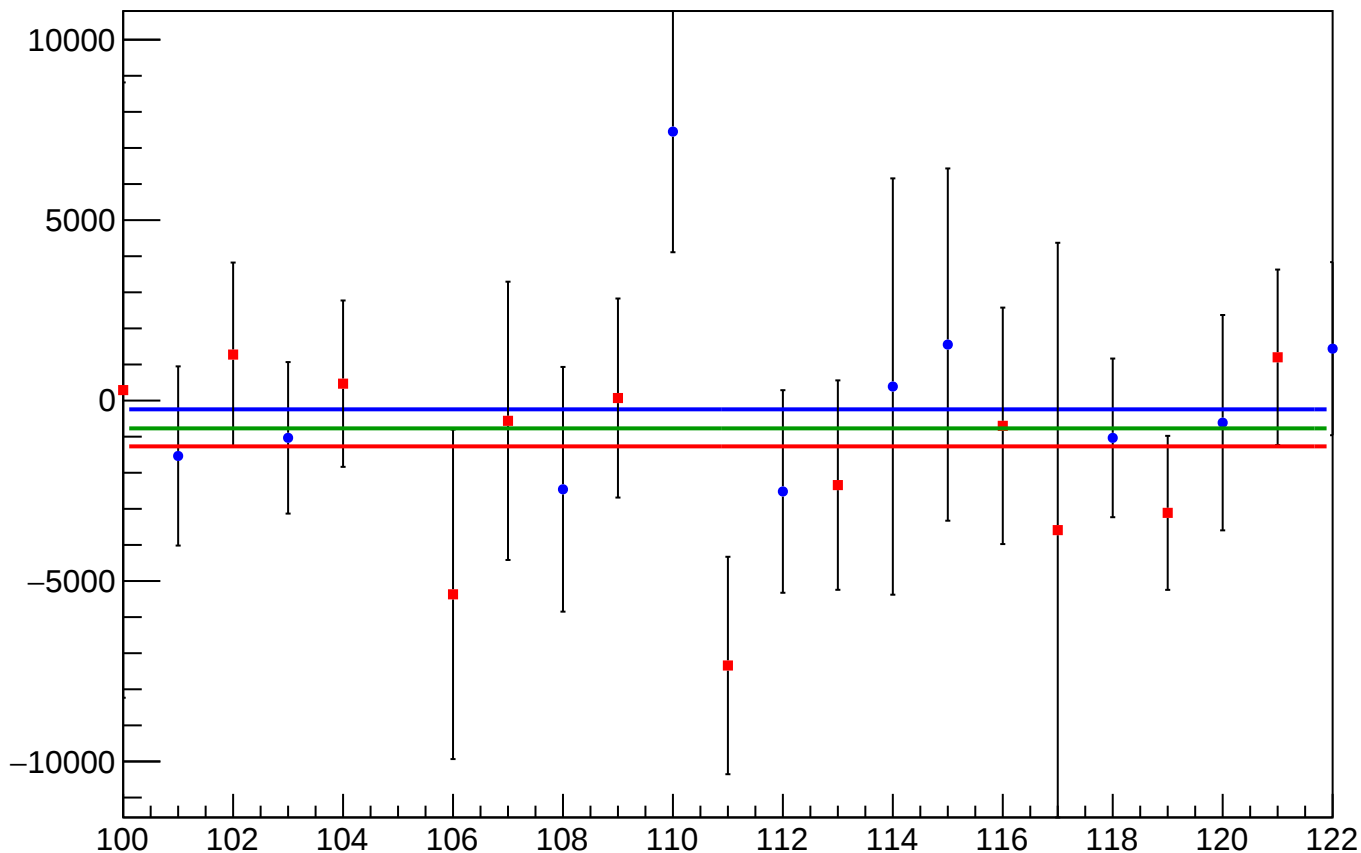
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2720.383+/-1.083 χ^2/NDF : 1176054.4/9

2722.462+/-0.747 χ^2/NDF : 2474820.8/21

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

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -242.697+/-891.663 χ^2/NDF : 7.6/9

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

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

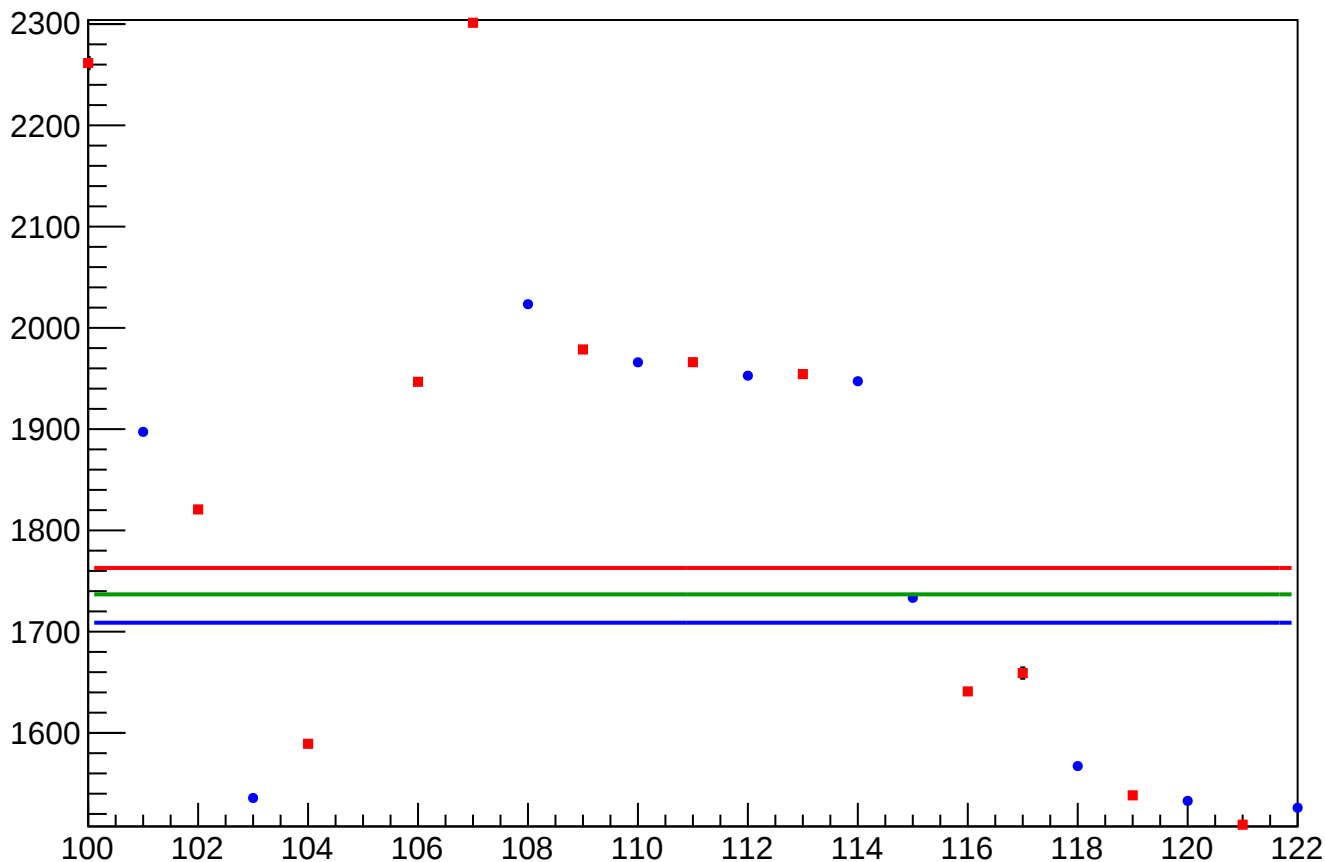
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-242.697+/-891.663 χ^2/NDF : 7.6/9

-770.024+/-621.712 χ^2/NDF : 17.0/21

-1268.938+/-867.309 χ^2/NDF : 8.8/11

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1708.844+/-0.630 χ^2/NDF : 99616.2/9

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

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

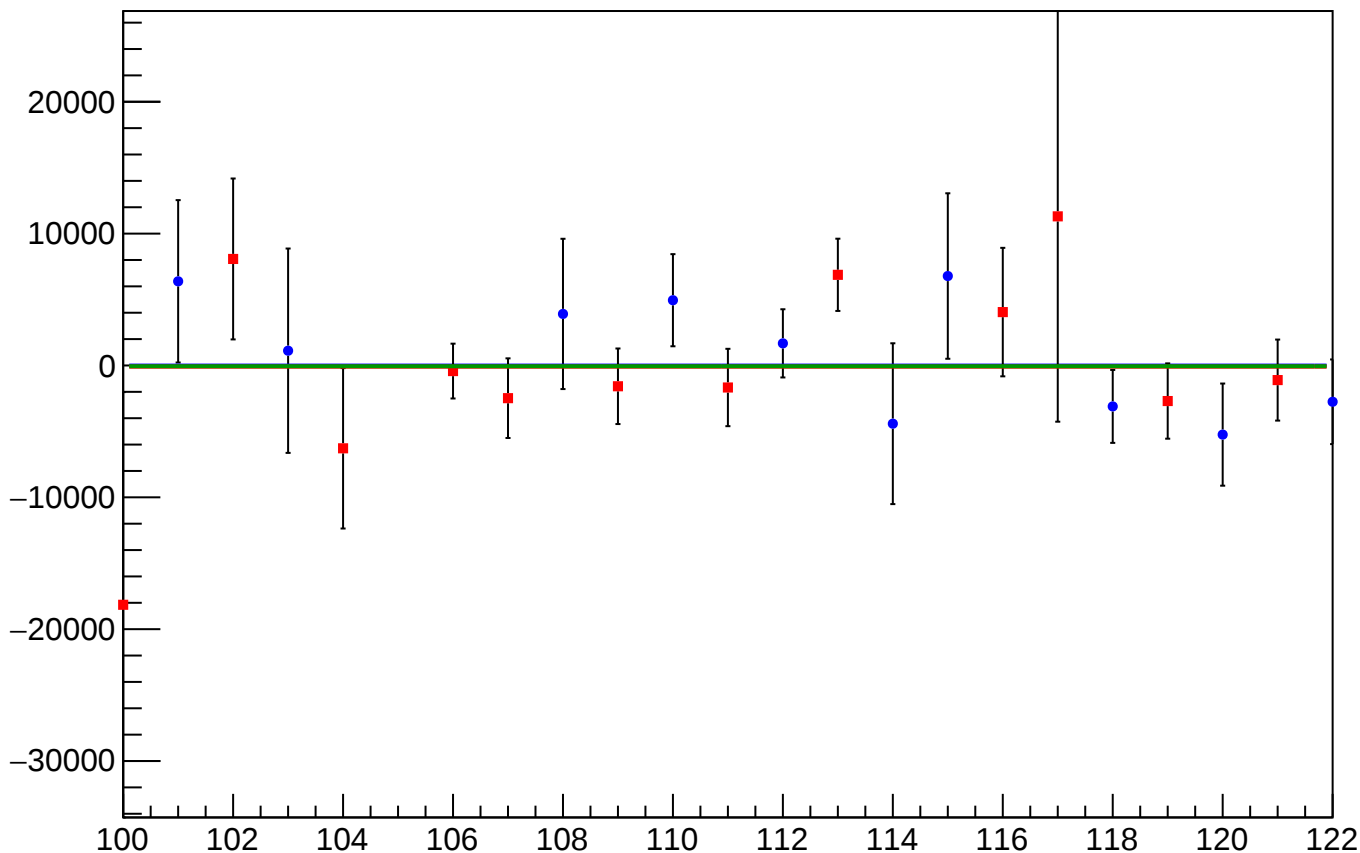
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1708.844+/-0.630 χ^2/NDF : 99616.2/9

1736.839+/-0.438 χ^2/NDF : 243300.1/21

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

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: -8.648+/-1238.418 χ^2/NDF : 9.5/9

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

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

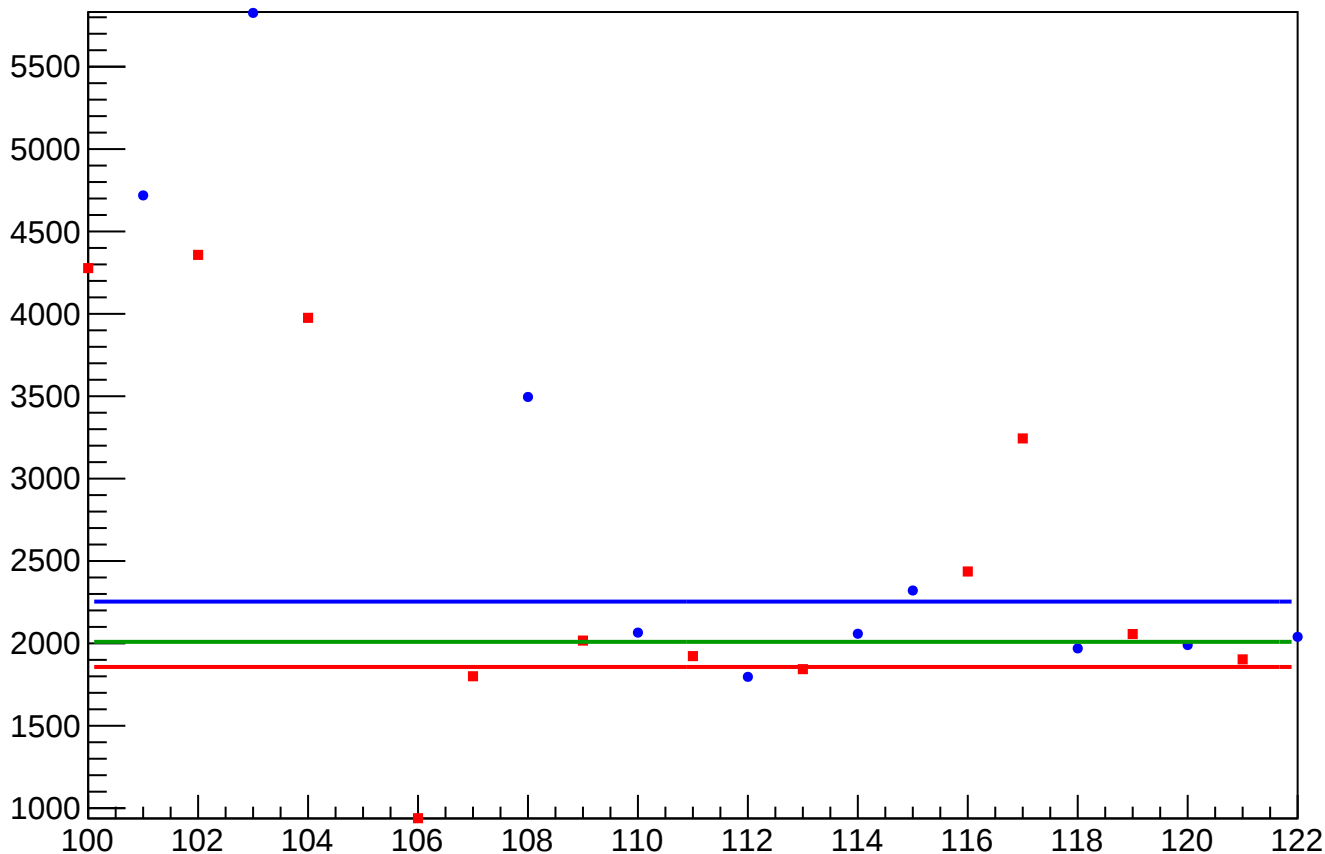
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-8.648+/-1238.418 χ^2/NDF : 9.5/9

-58.667+/-767.686 χ^2/NDF : 23.5/21

-89.882+/-978.334 χ^2/NDF : 14.0/11

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 2253.697 ± 0.876 χ^2/NDF : 950288.4/9

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

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

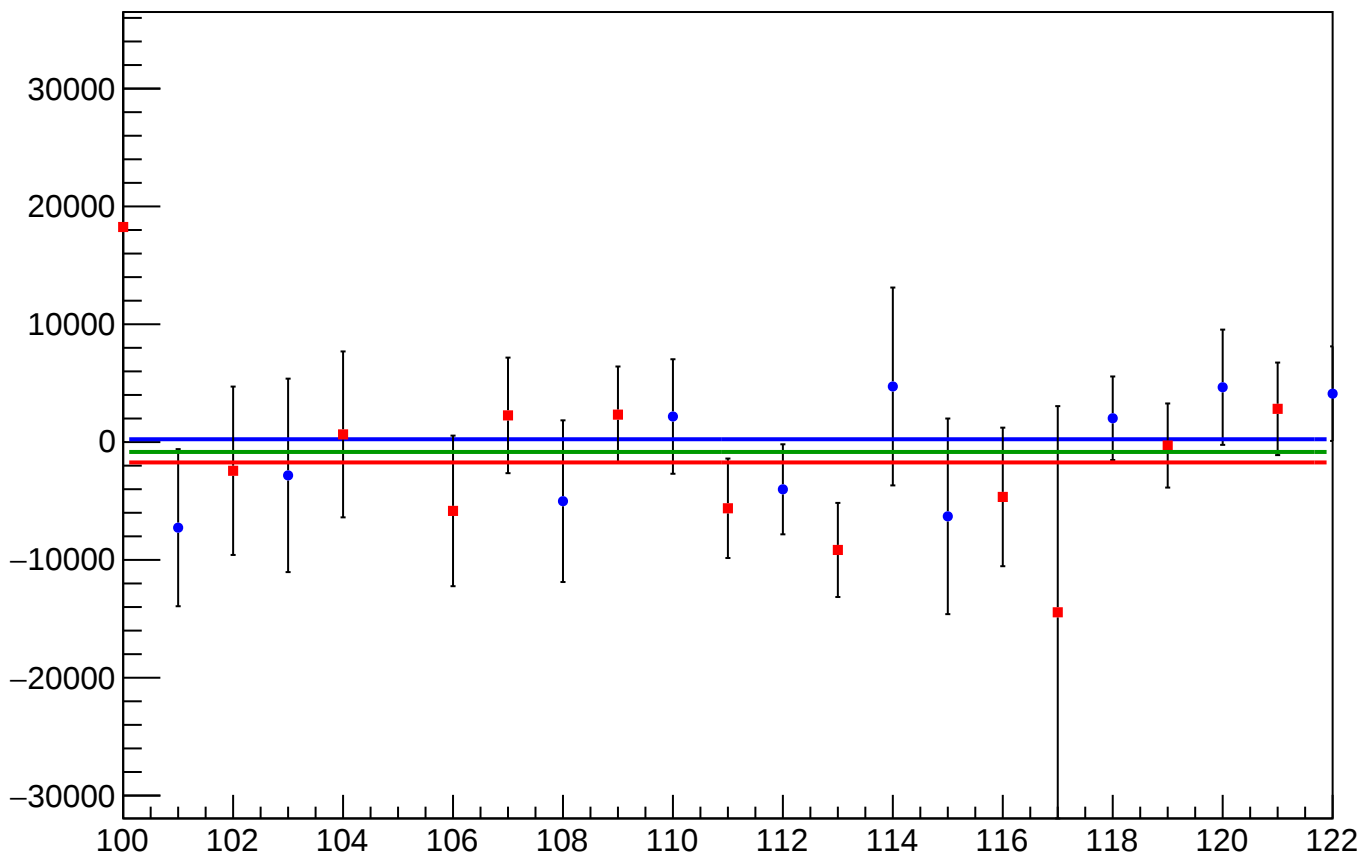
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

2253.697 ± 0.876 χ^2/NDF : 950288.4/9

2099.404 ± 0.543 χ^2/NDF : 2152693.1/21

1856.946 ± 0.692 χ^2/NDF : 1076010.8/11

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 240.862 ± 1618.856 χ^2/NDF : 6.3/9

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

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

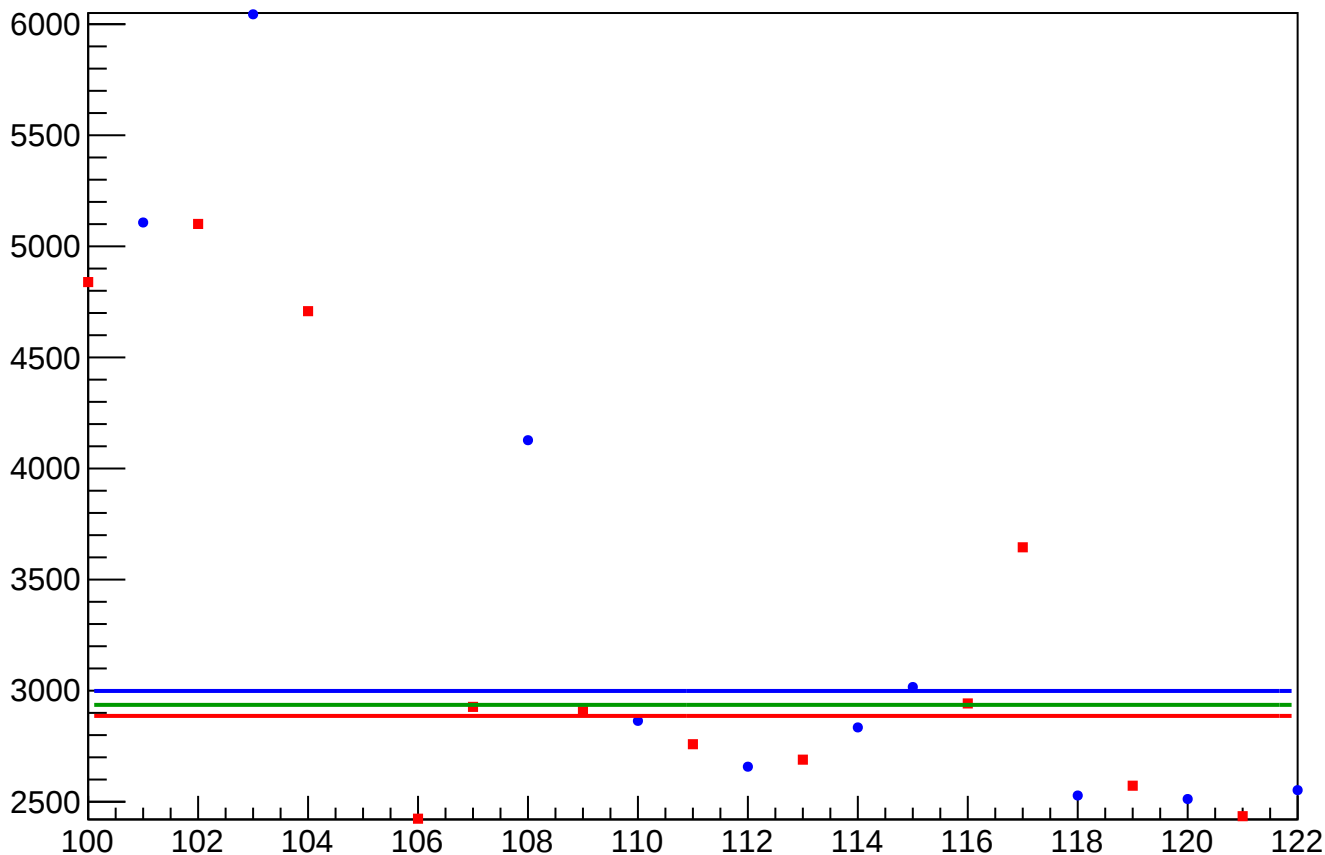
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

240.862 ± 1618.856 χ^2/NDF : 6.3/9

-838.159 ± 1088.031 χ^2/NDF : 17.1/21

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

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 2998.752+/-1.145 χ^2/NDF : 627604.0/9

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

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

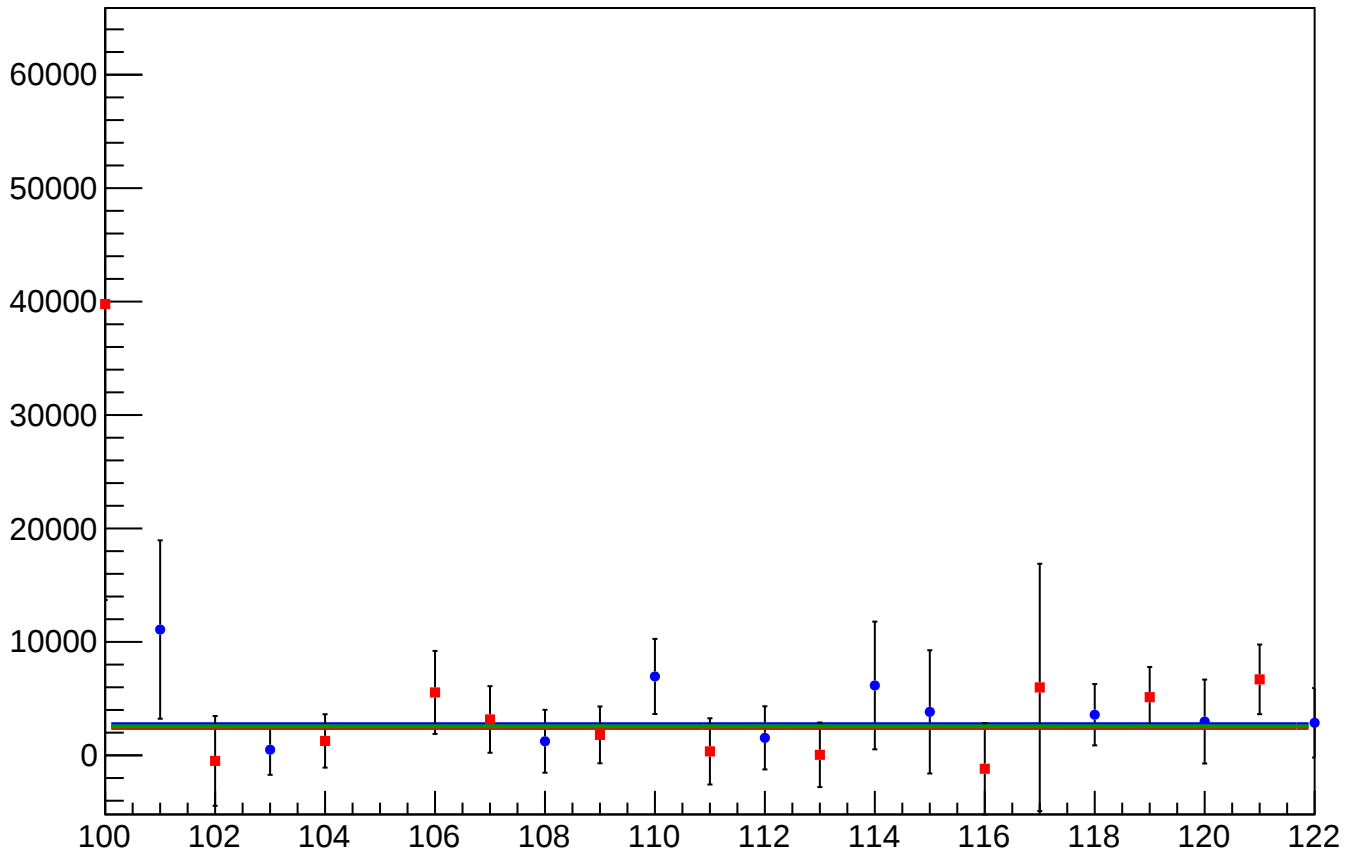
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2998.752+/-1.145 χ^2/NDF : 627604.0/9

2936.088+/-0.761 χ^2/NDF : 1052807.4/21

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

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2743.567+/-1024.497 χ^2/NDF : 4.8/9

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

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

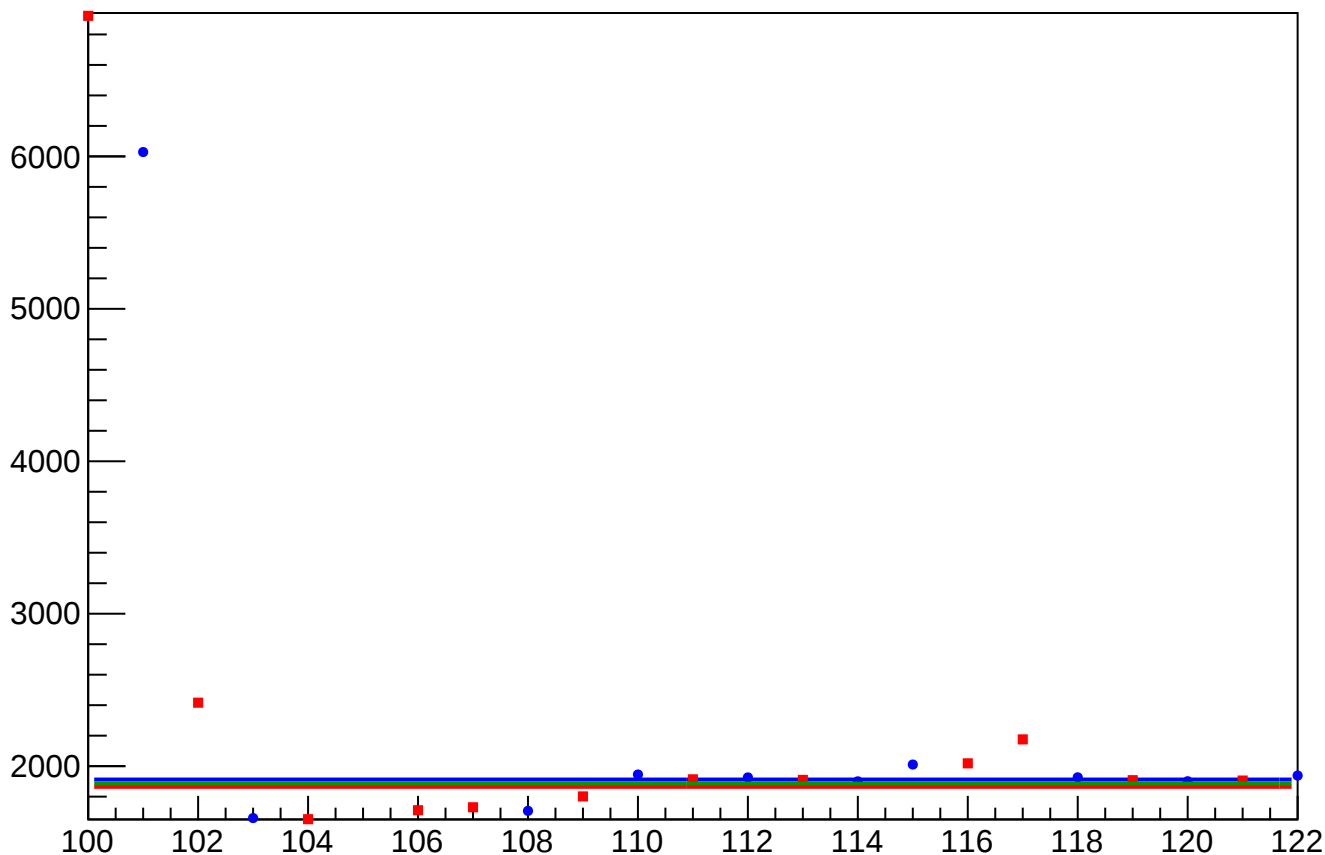
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2743.567+/-1024.497 χ^2/NDF : 4.8/9

2563.531+/-688.815 χ^2/NDF : 13.6/21

2415.005+/-930.532 χ^2/NDF : 8.8/11

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1912.191+/-0.724 χ^2/NDF : 586294.2/9

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

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

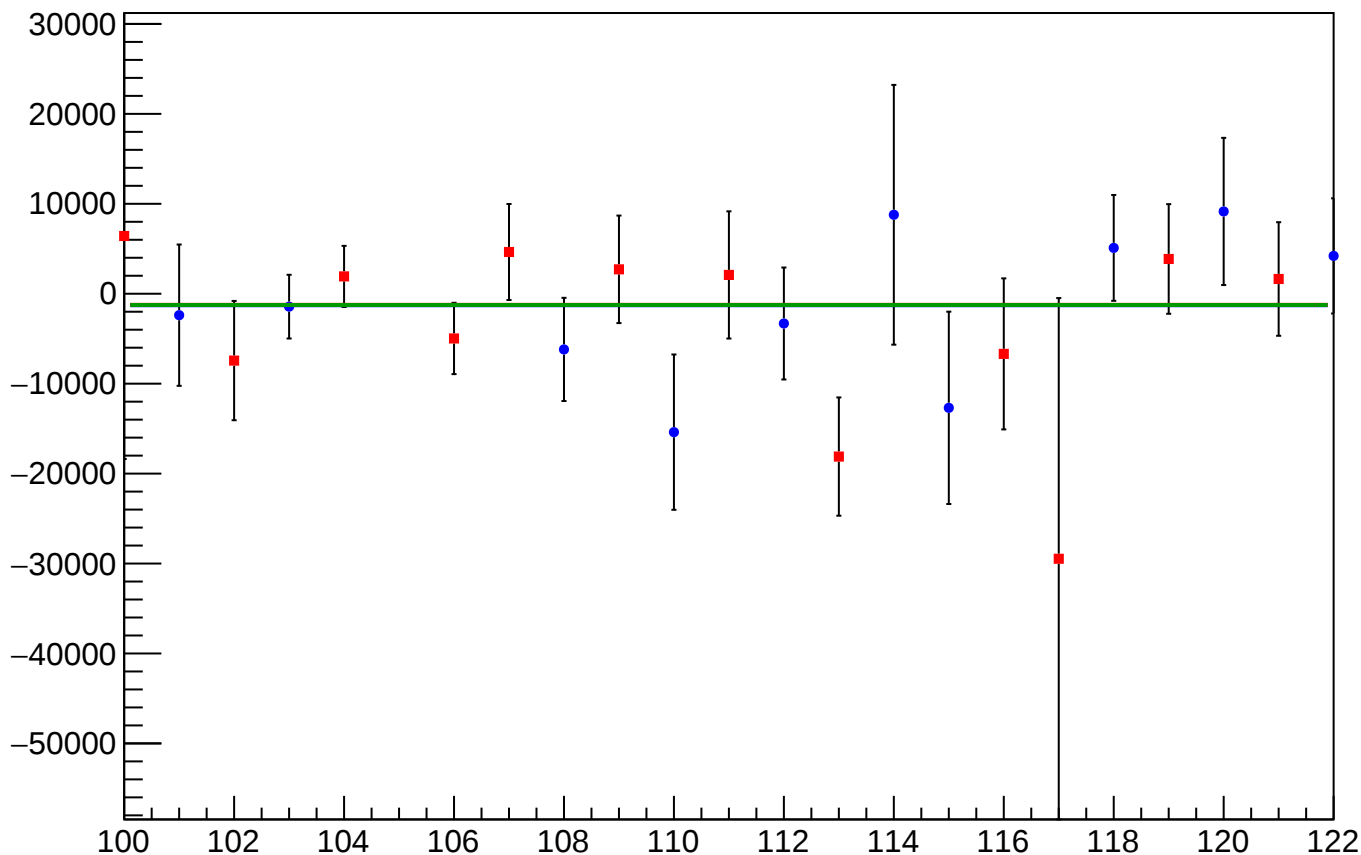
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1912.191+/-0.724 χ^2/NDF : 586294.2/9

1885.906+/-0.486 χ^2/NDF : 734948.0/21

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

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1275.783+/-2011.252 χ^2 /NDF: 8.7/9

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

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

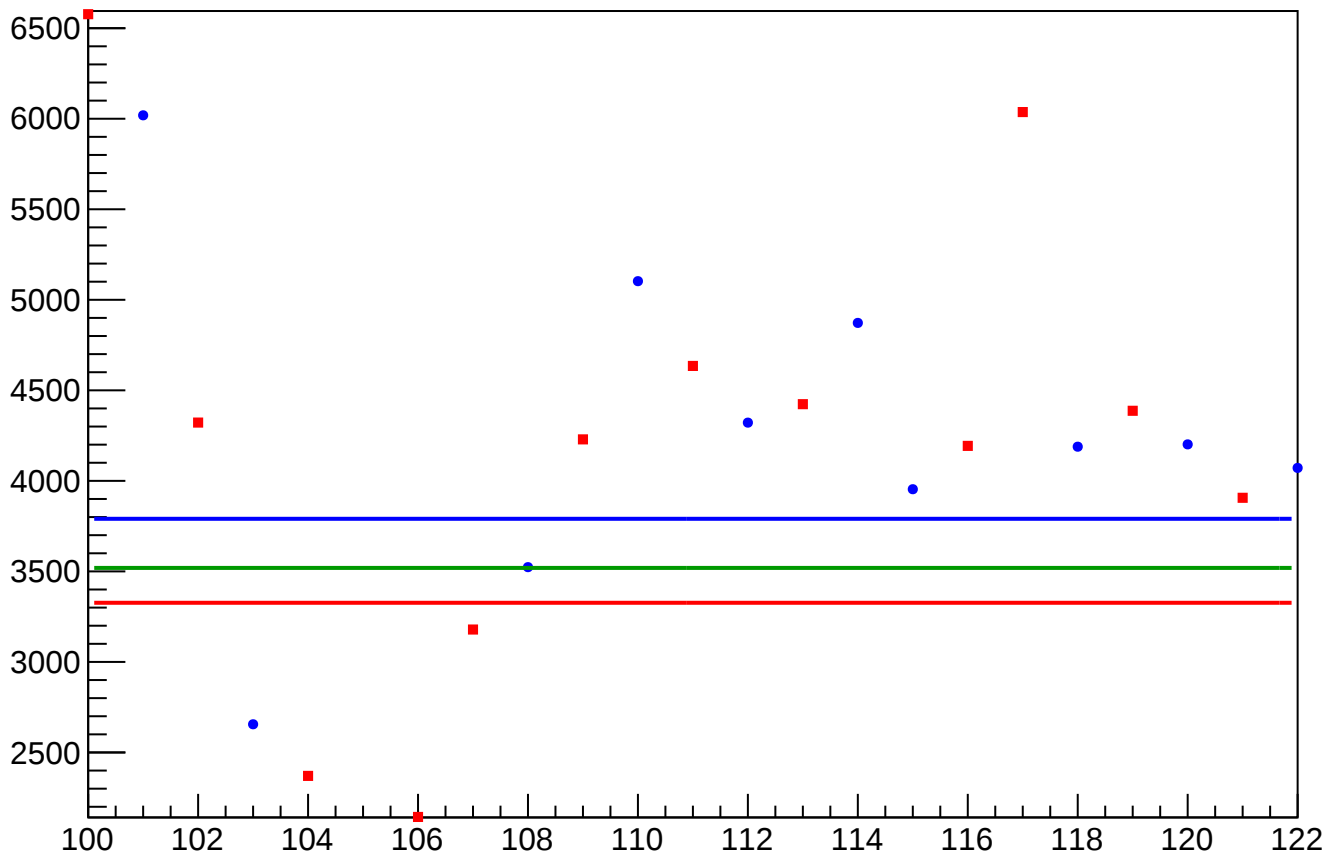
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1275.783+/-2011.252 χ^2 /NDF: 8.7/9

-1251.968+/-1295.914 χ^2 /NDF: 22.1/21

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

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 3790.488+/-1.422 χ^2/NDF : 460994.3/9

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

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

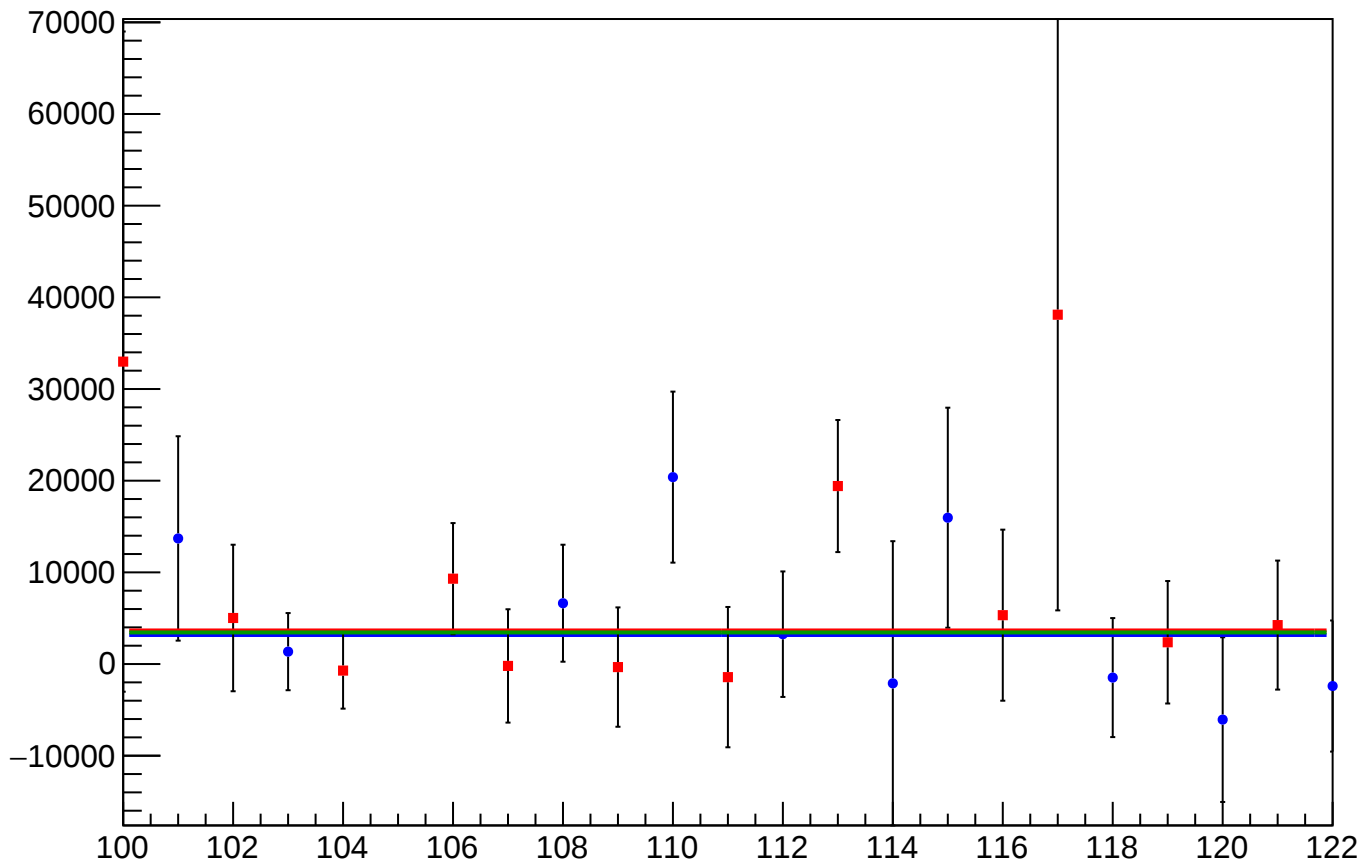
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3790.488+/-1.422 χ^2/NDF : 460994.3/9

3519.242+/-0.916 χ^2/NDF : 1226419.7/21

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

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3170.305+/-2302.127 χ^2/NDF : 8.2/9

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

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

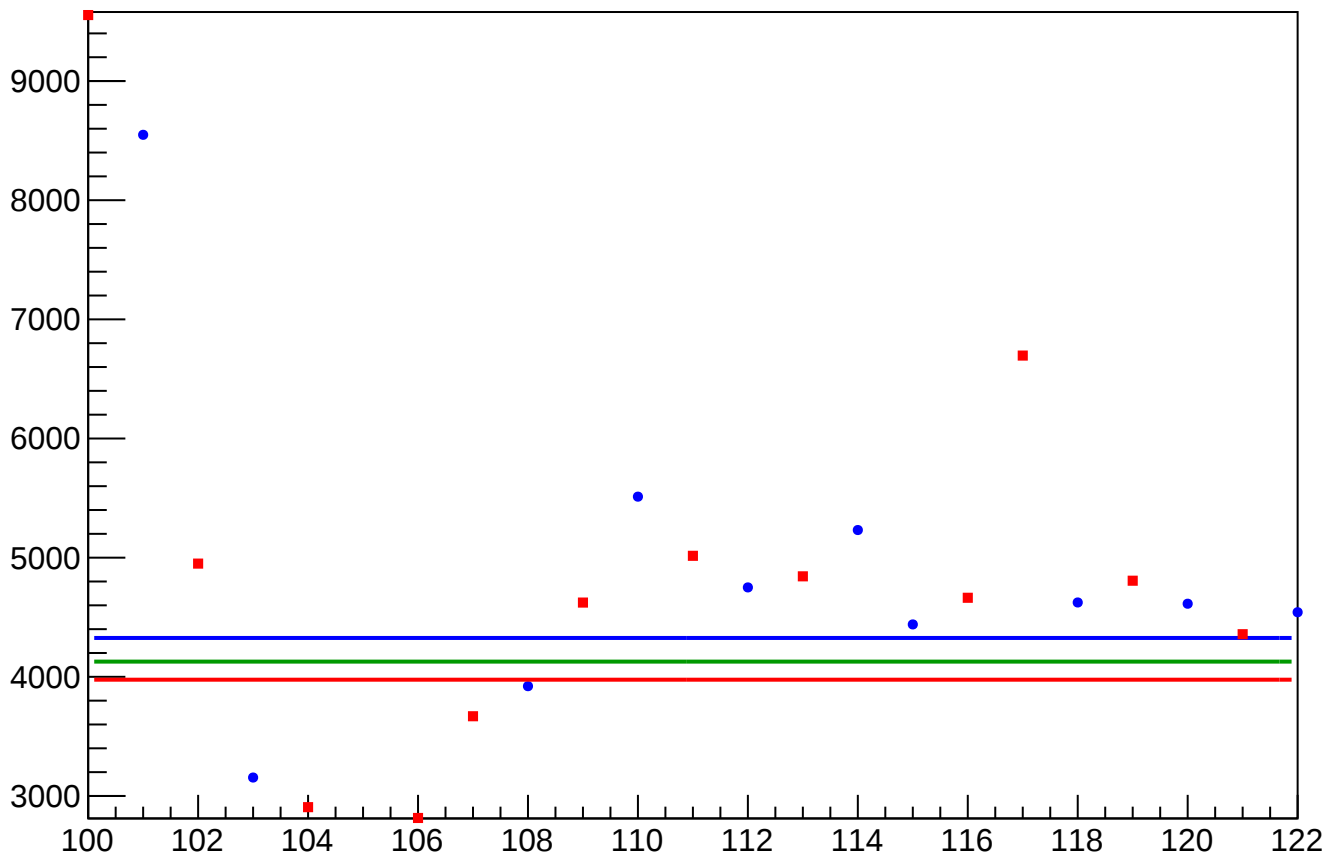
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3170.305+/-2302.127 χ^2/NDF : 8.2/9

3446.506+/-1522.407 χ^2/NDF : 18.1/21

3661.175+/-2029.559 χ^2/NDF : 9.9/11

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4326.170+/-1.628 χ^2/NDF : 505062.5/9

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

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

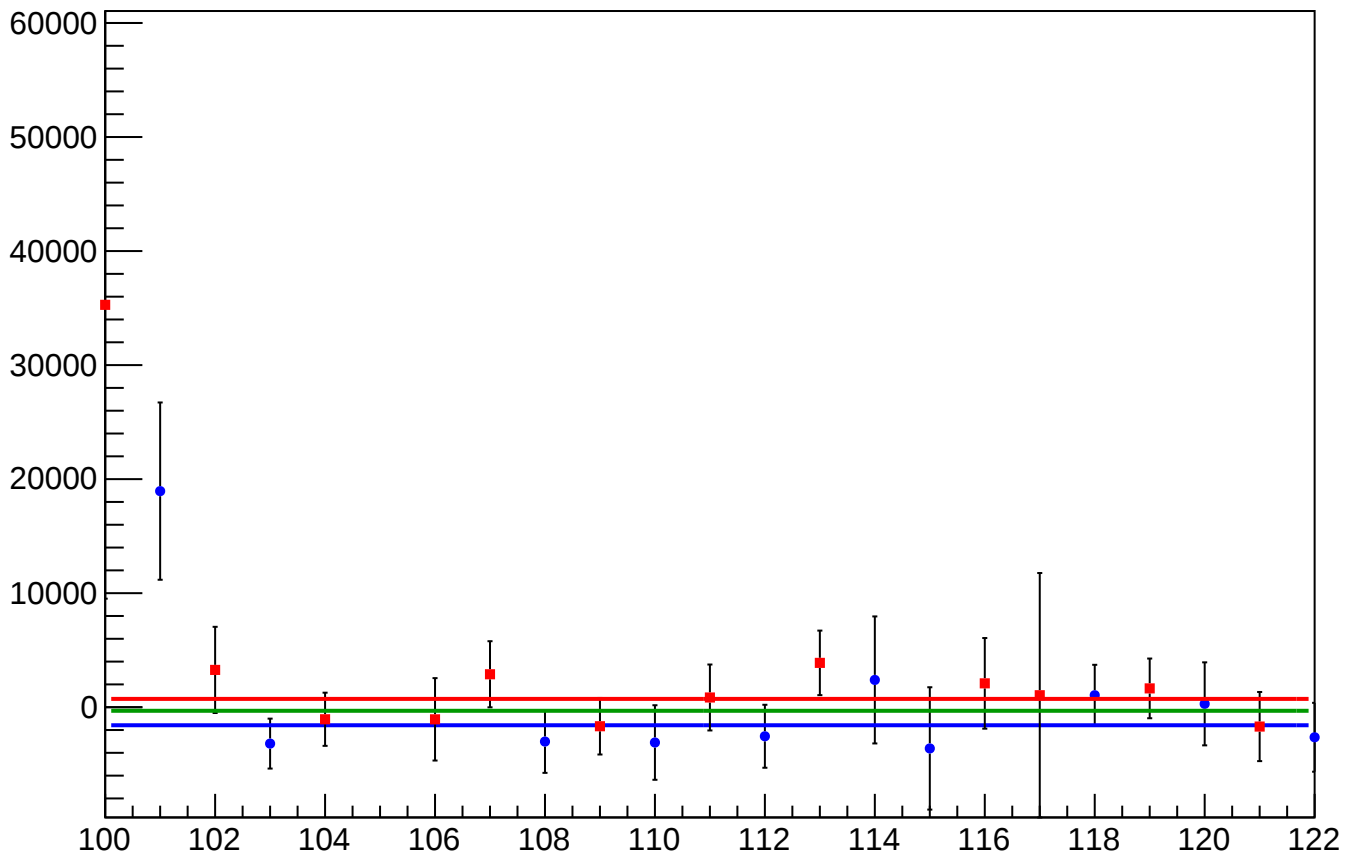
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4326.170+/-1.628 χ^2/NDF : 505062.5/9

4127.693+/-1.072 χ^2/NDF : 978011.3/21

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

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1581.743+/-1012.522 χ^2/NDF : 10.1/9

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

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

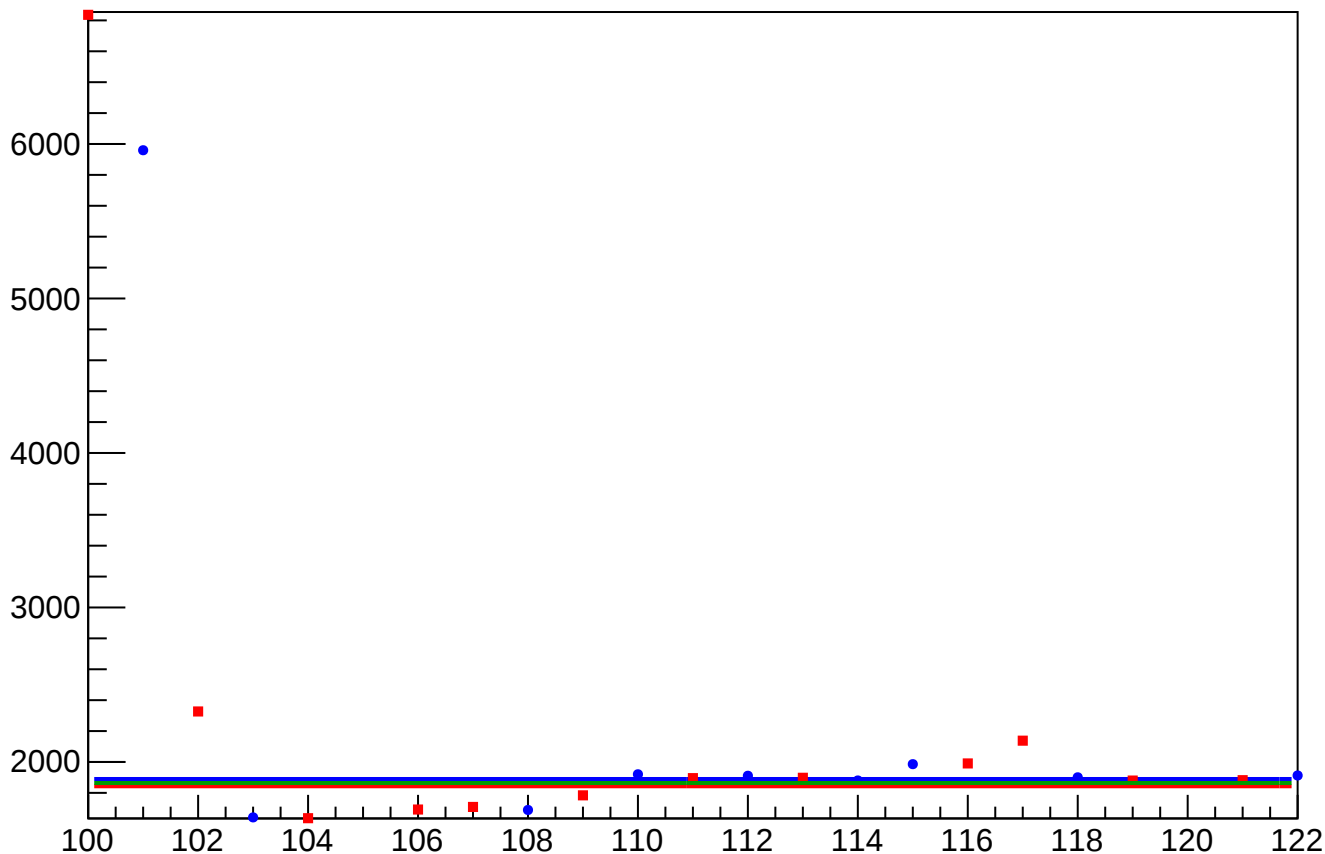
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1581.743+/-1012.522 χ^2/NDF : 10.1/9

-314.111+/-680.295 χ^2/NDF : 19.7/21

729.030+/-918.500 χ^2/NDF : 6.7/11

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1889.838+/-0.716 χ^2/NDF : 585839.3/9

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

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

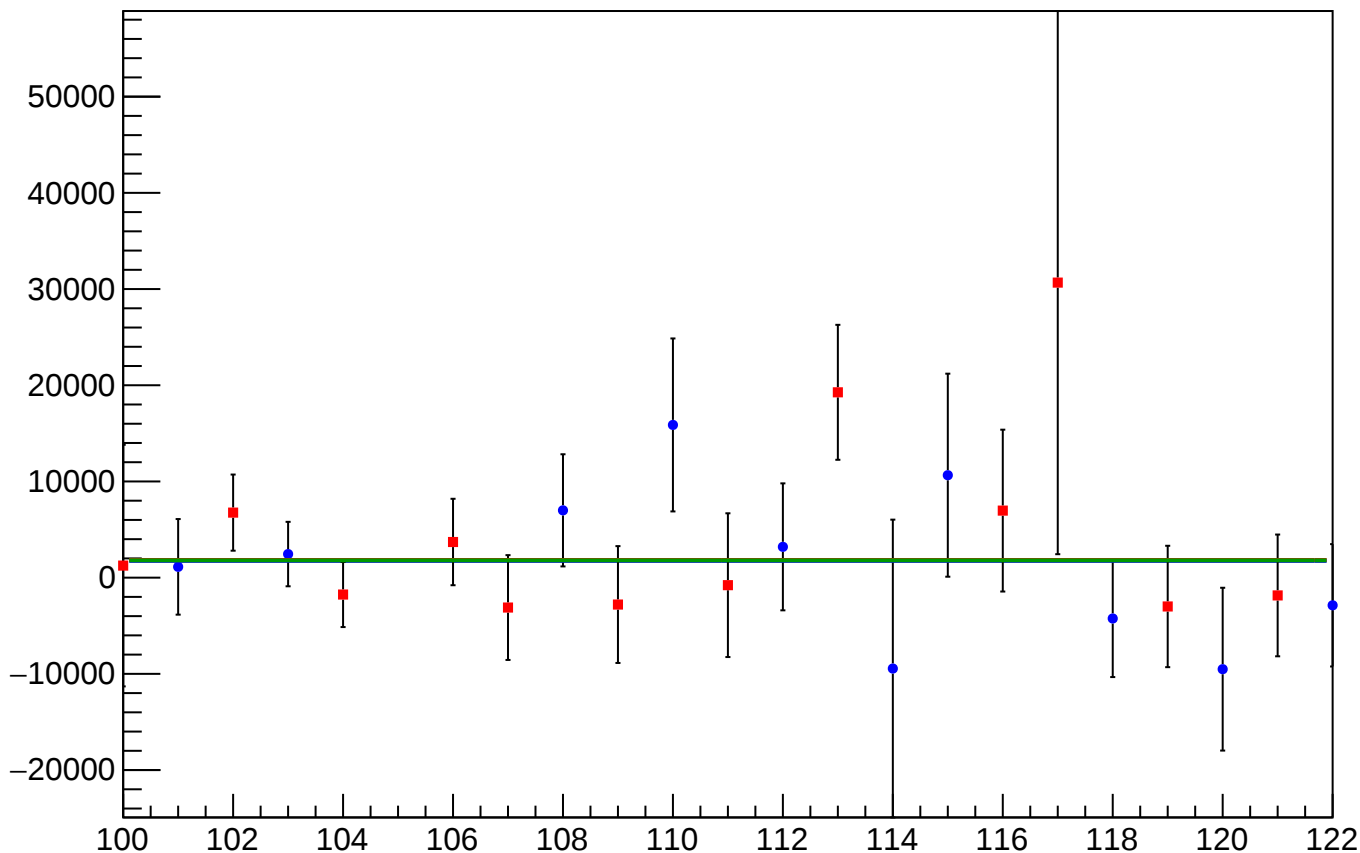
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1889.838+/-0.716 χ^2/NDF : 585839.3/9

1863.848+/-0.480 χ^2/NDF : 727589.2/21

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

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 1748.826+/-1913.329 χ^2/NDF : 7.9/9

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

Right Out: 1835.354+/-1640.074 χ^2/NDF : 12.9/11

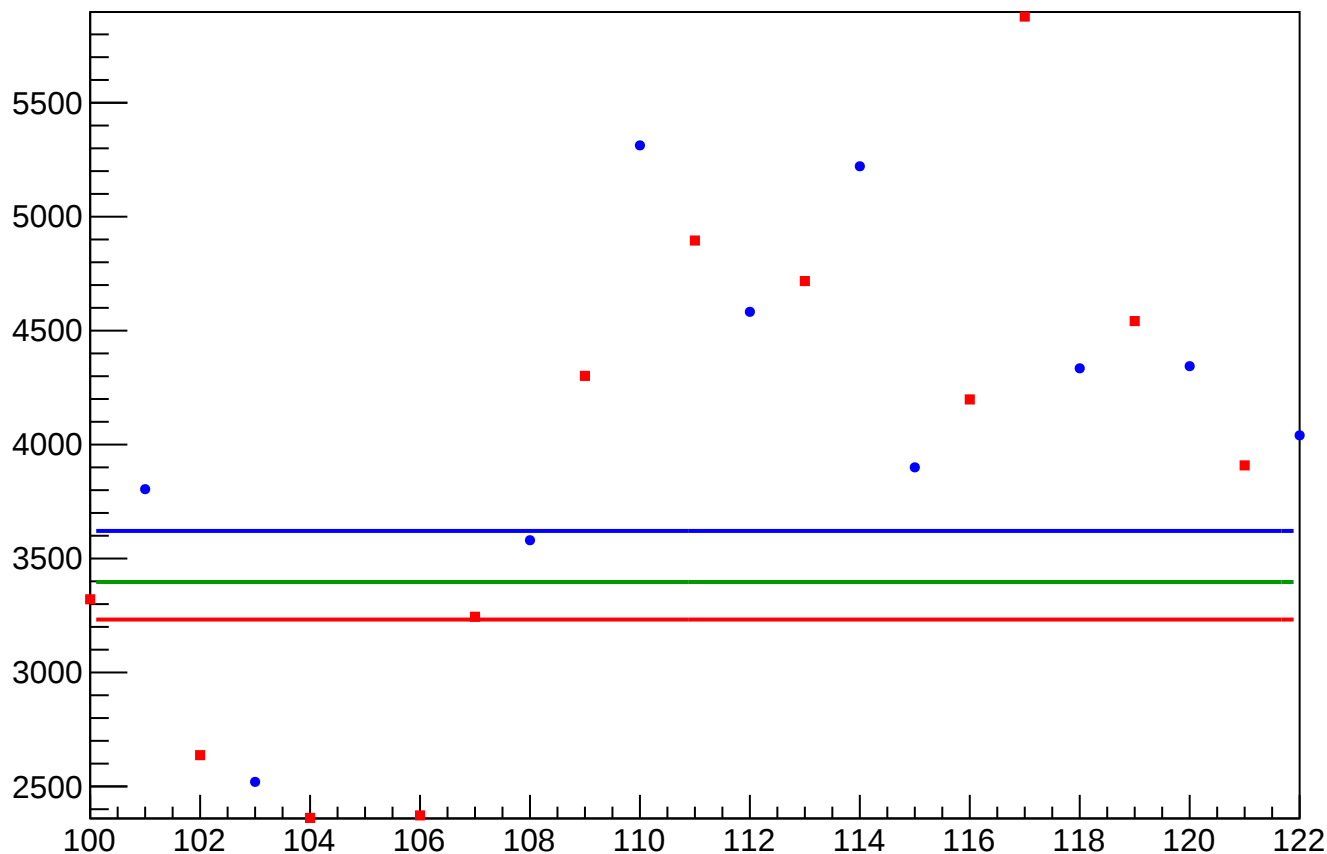
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1748.826+/-1913.329 χ^2/NDF : 7.9/9

1798.704+/-1245.212 χ^2/NDF : 20.8/21

1835.354+/-1640.074 χ^2/NDF : 12.9/11

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 3621.098+/-1.353 χ^2/NDF : 405692.5/9

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

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

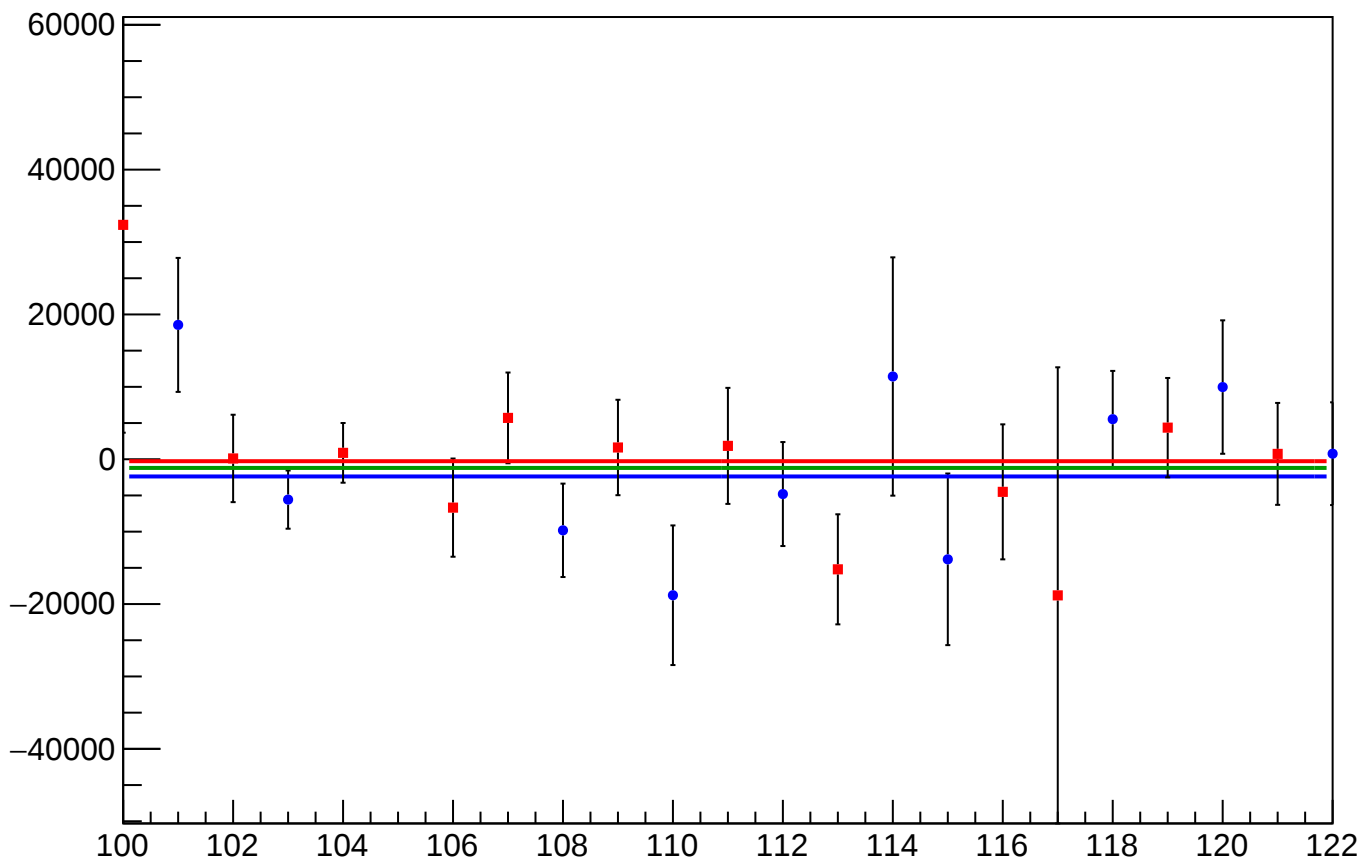
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3621.098+/-1.353 χ^2/NDF : 405692.5/9

3396.927+/-0.880 χ^2/NDF : 1108184.3/21

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

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2377.520+/-2278.030 χ^2 /NDF: 15.1/9

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

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

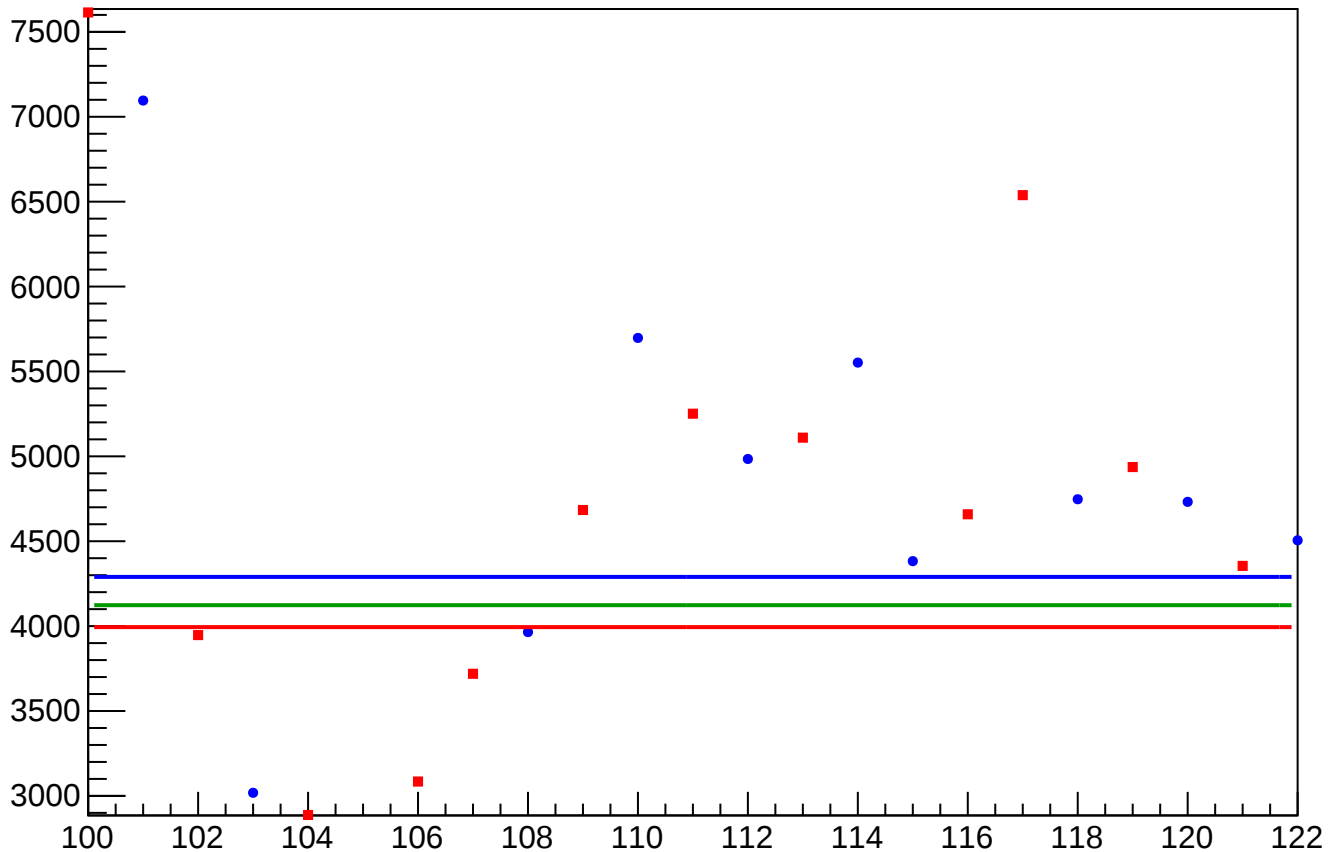
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-2377.520+/-2278.030 χ^2 /NDF: 15.1/9

-1198.089+/-1512.307 χ^2 /NDF: 23.8/21

-268.690+/-2022.202 χ^2 /NDF: 8.2/11

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4289.829+/-1.611 χ^2/NDF : 478119.5/9

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

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

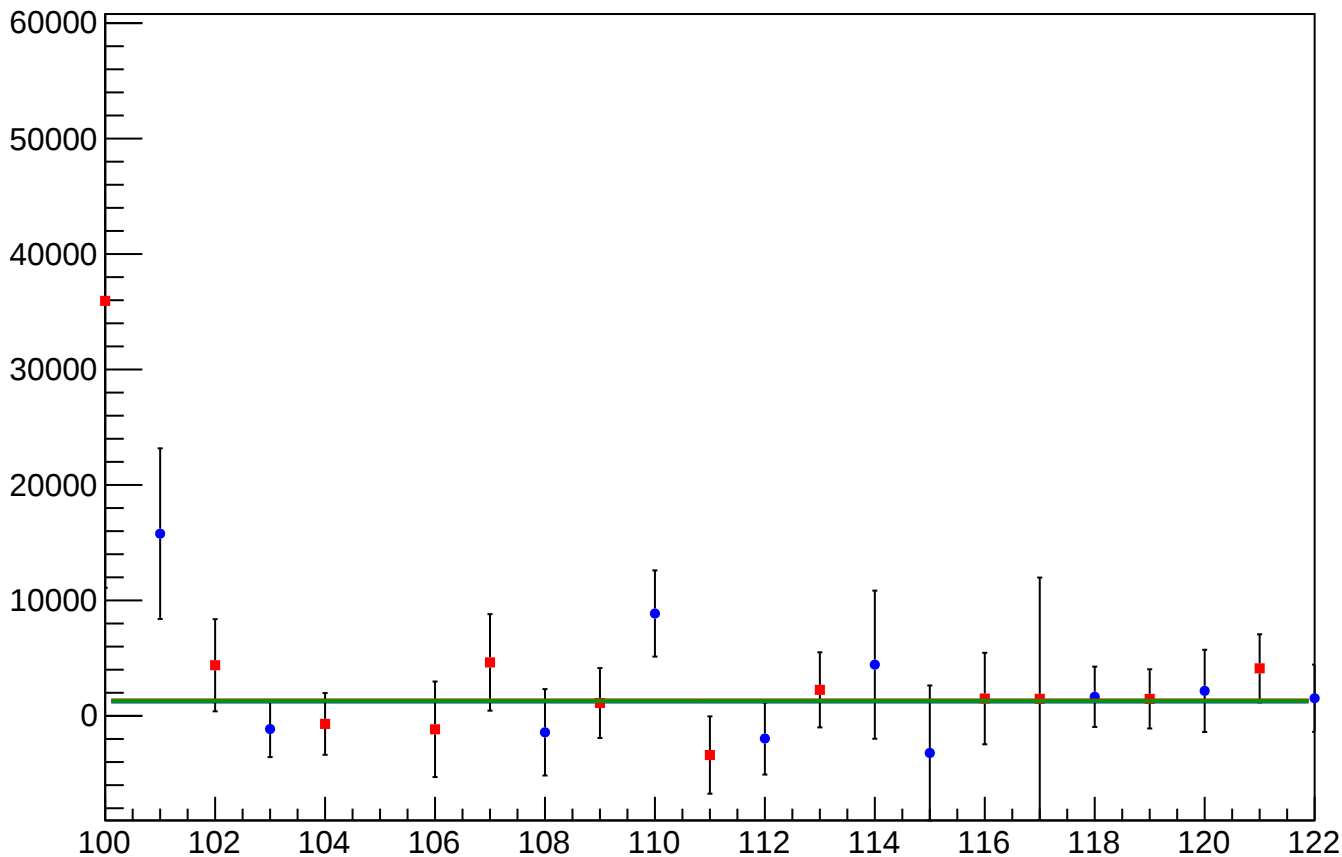
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4289.829+/-1.611 χ^2/NDF : 478119.5/9

4123.265+/-1.065 χ^2/NDF : 899775.0/21

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

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1248.688+/-1097.481 χ^2/NDF : 11.5/9

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

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

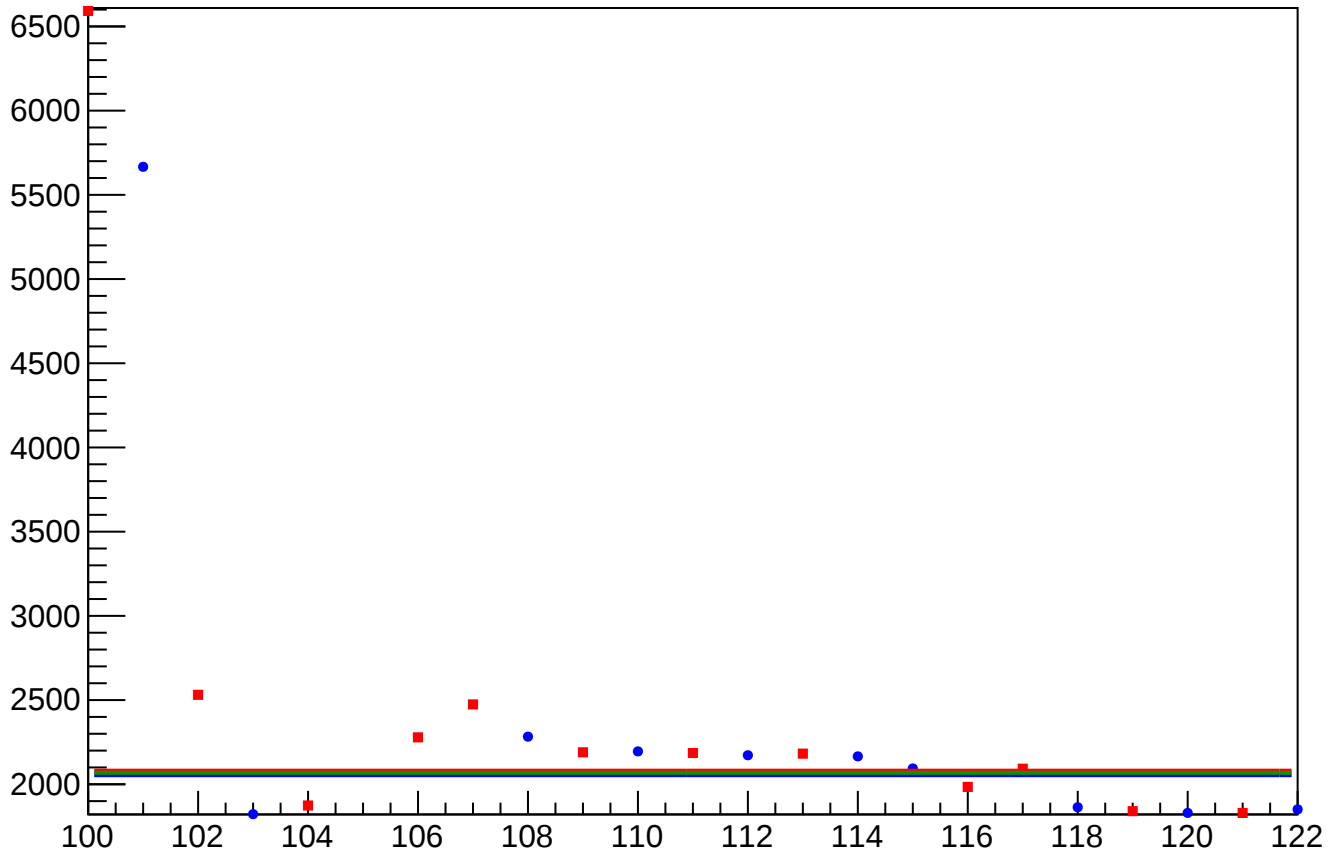
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1248.688+/-1097.481 χ^2/NDF : 11.5/9

1295.121+/-748.933 χ^2/NDF : 18.6/21

1335.590+/-1024.576 χ^2/NDF : 7.1/11

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2053.901+/-0.776 χ^2/NDF : 537998.6/9

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

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

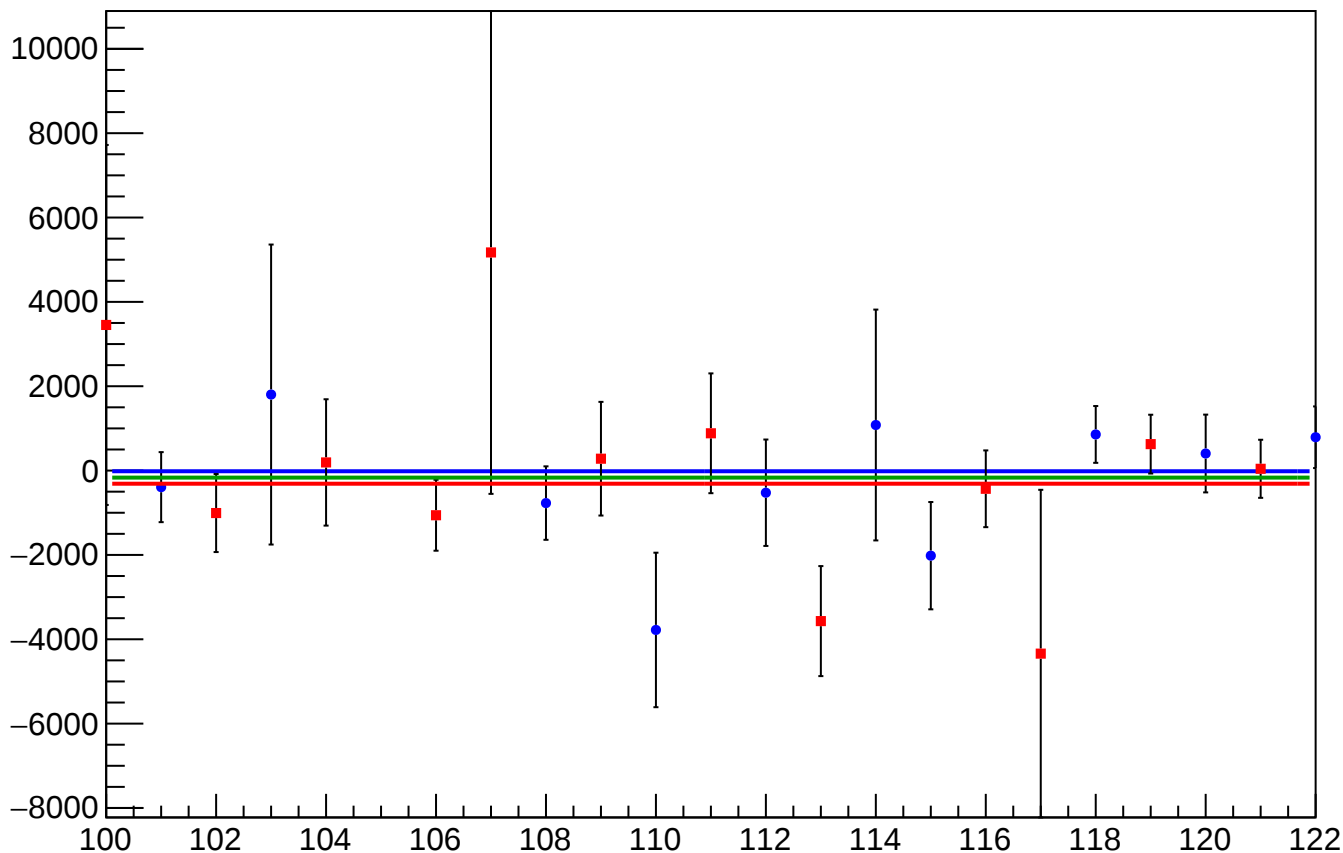
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2053.901+/-0.776 χ^2/NDF : 537998.6/9

2068.284+/-0.530 χ^2/NDF : 704117.0/21

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

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -15.848+/-319.774 χ^2/NDF : 11.3/9

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

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

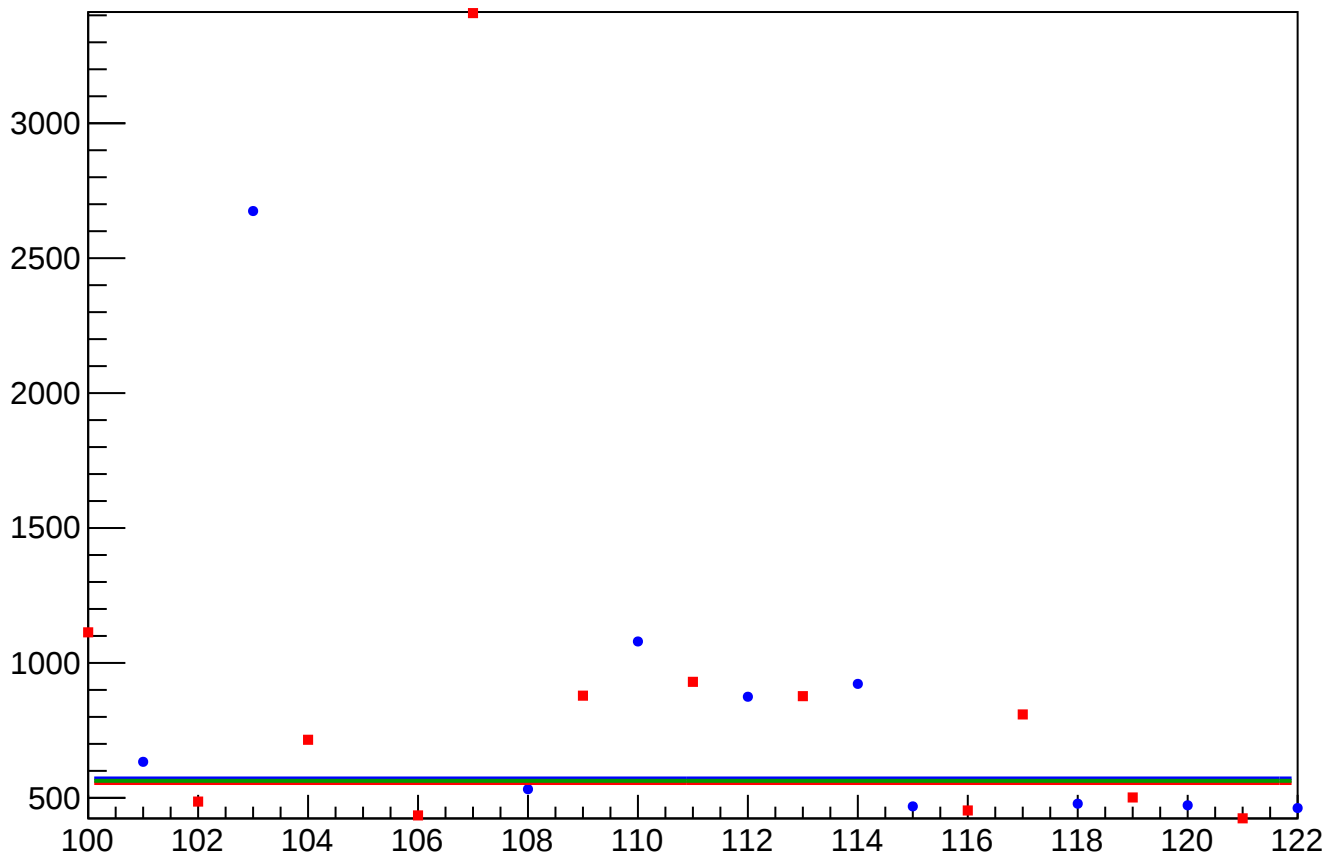
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-15.848+/-319.774 χ^2/NDF : 11.3/9

-166.694+/-223.779 χ^2/NDF : 25.3/21

-311.467+/-313.269 χ^2/NDF : 13.5/11

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 571.817+/-0.226 χ^2/NDF : 1136030.6/9

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

Right Out: 555.004+/-0.222 χ^2/NDF : 1100016.1/11

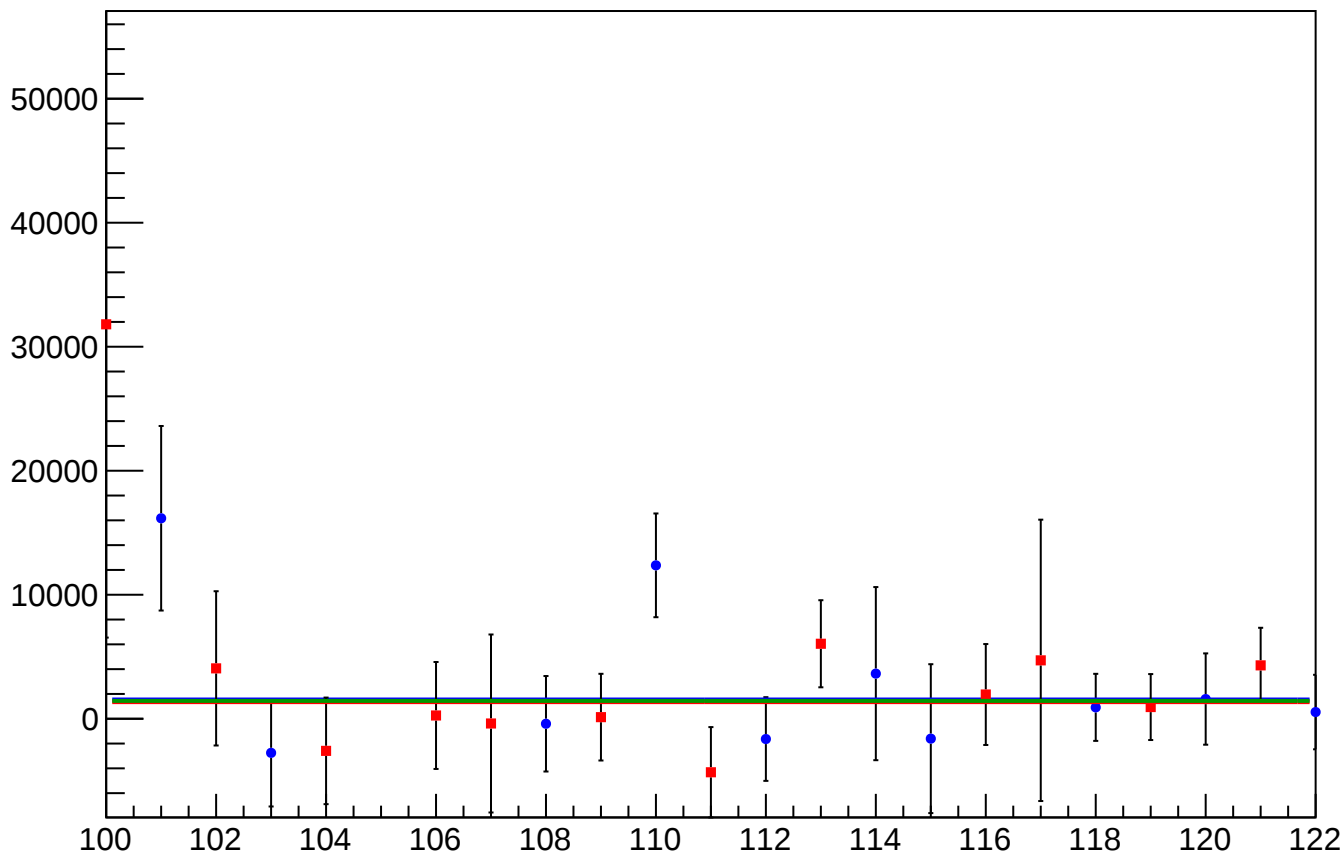
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

571.817+/-0.226 χ^2/NDF : 1136030.6/9

563.238+/-0.158 χ^2/NDF : 2238868.0/21

555.004+/-0.222 χ^2/NDF : 1100016.1/11

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1551.026+/-1236.766 χ^2/NDF : 13.2/9

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

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

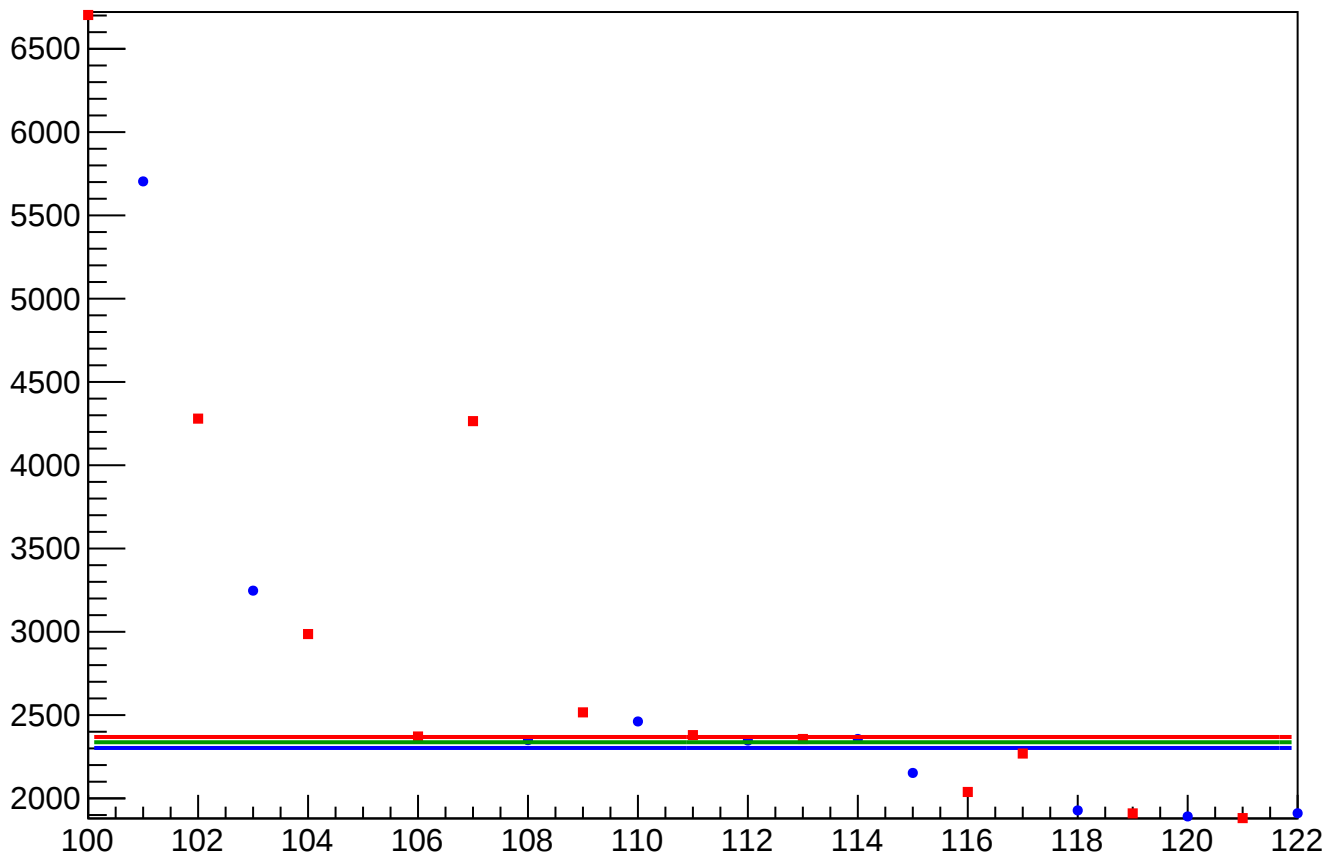
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1551.026+/-1236.766 χ^2/NDF : 13.2/9

1441.558+/-855.819 χ^2/NDF : 21.3/21

1340.980+/-1185.482 χ^2/NDF : 8.0/11

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2302.611+/-0.875 χ^2/NDF : 615694.6/9

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

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

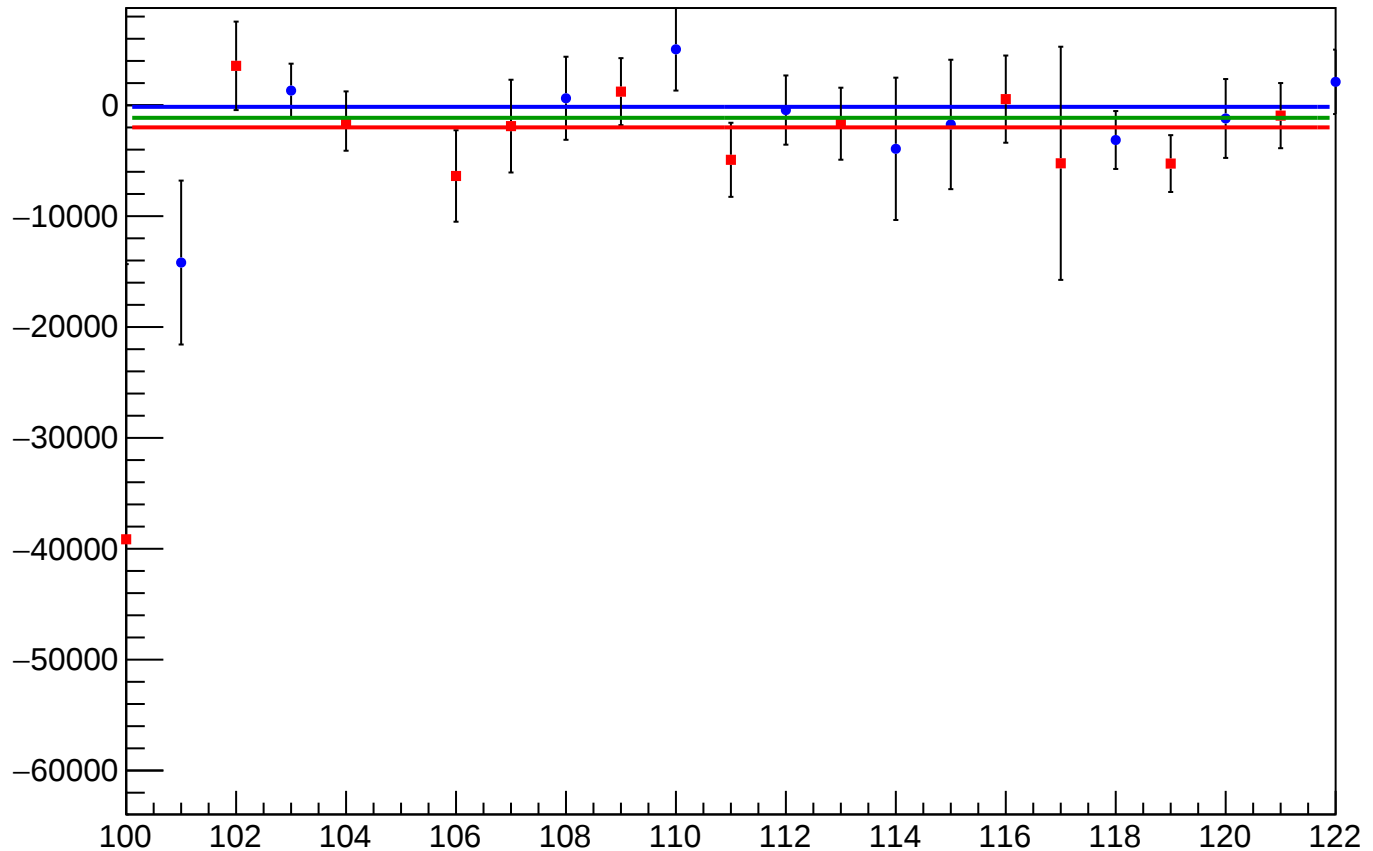
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2302.611+/-0.875 χ^2/NDF : 615694.6/9

2336.984+/-0.605 χ^2/NDF : 1175547.8/21

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

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -141.699+/-1096.160 χ^2/NDF : 8.4/9

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

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

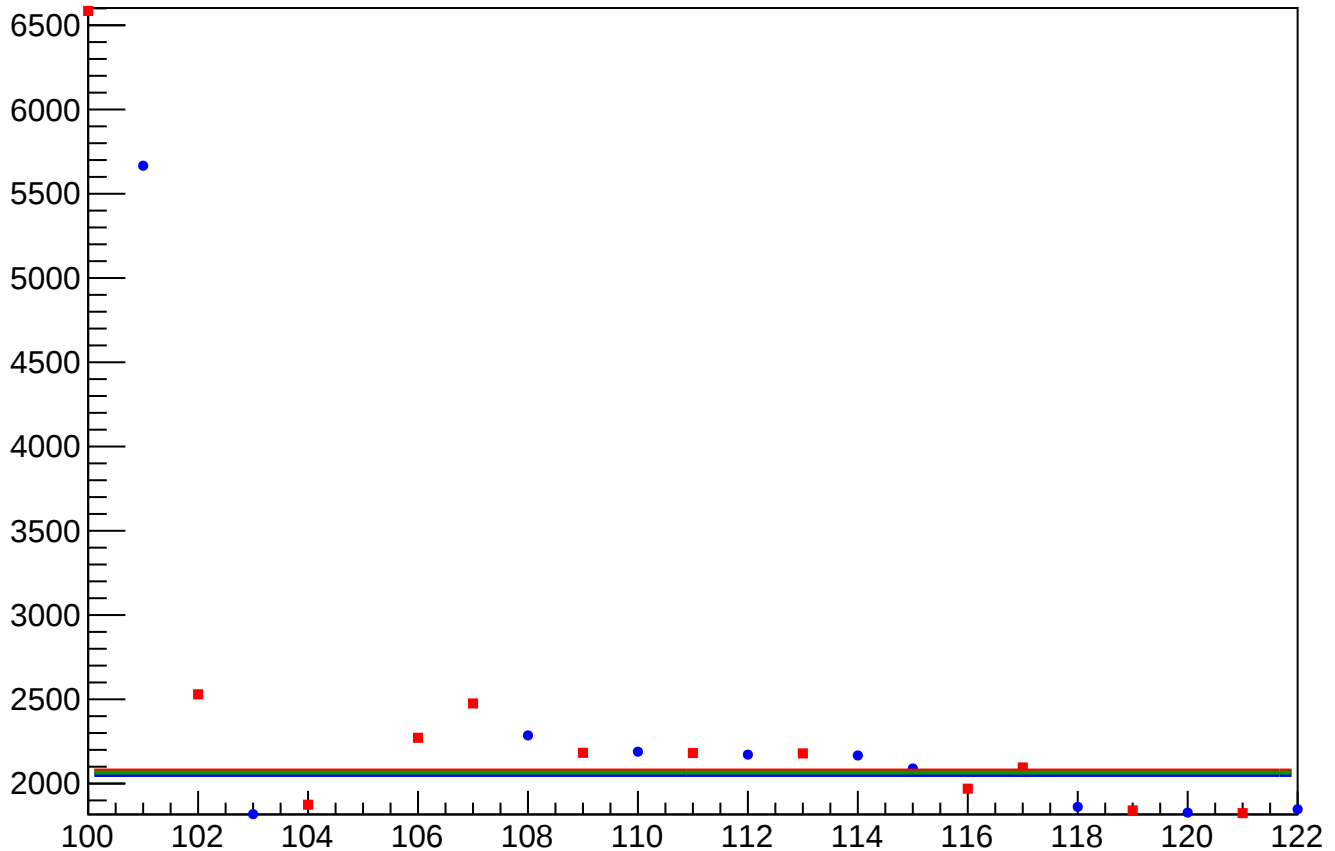
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-141.699+/-1096.160 χ^2/NDF : 8.4/9

-1131.195+/-747.850 χ^2/NDF : 19.5/21

-1992.812+/-1022.878 χ^2/NDF : 9.5/11

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2051.155+/-0.775 χ^2/NDF : 539426.0/9

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

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

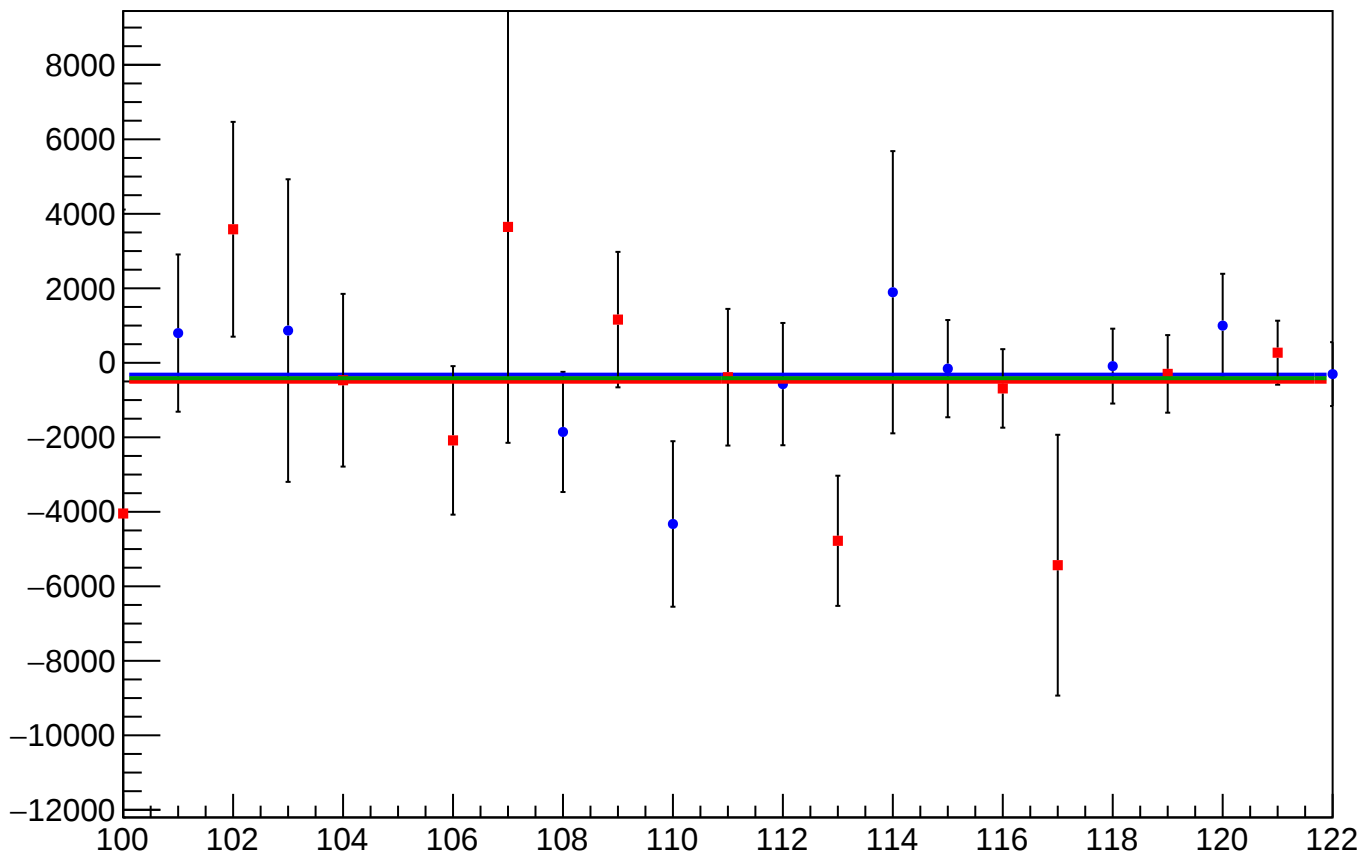
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2051.155+/-0.775 χ^2/NDF : 539426.0/9

2065.140+/-0.529 χ^2/NDF : 705464.6/21

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

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: -317.653+/-458.082 χ^2 /NDF: 5.9/9

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

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

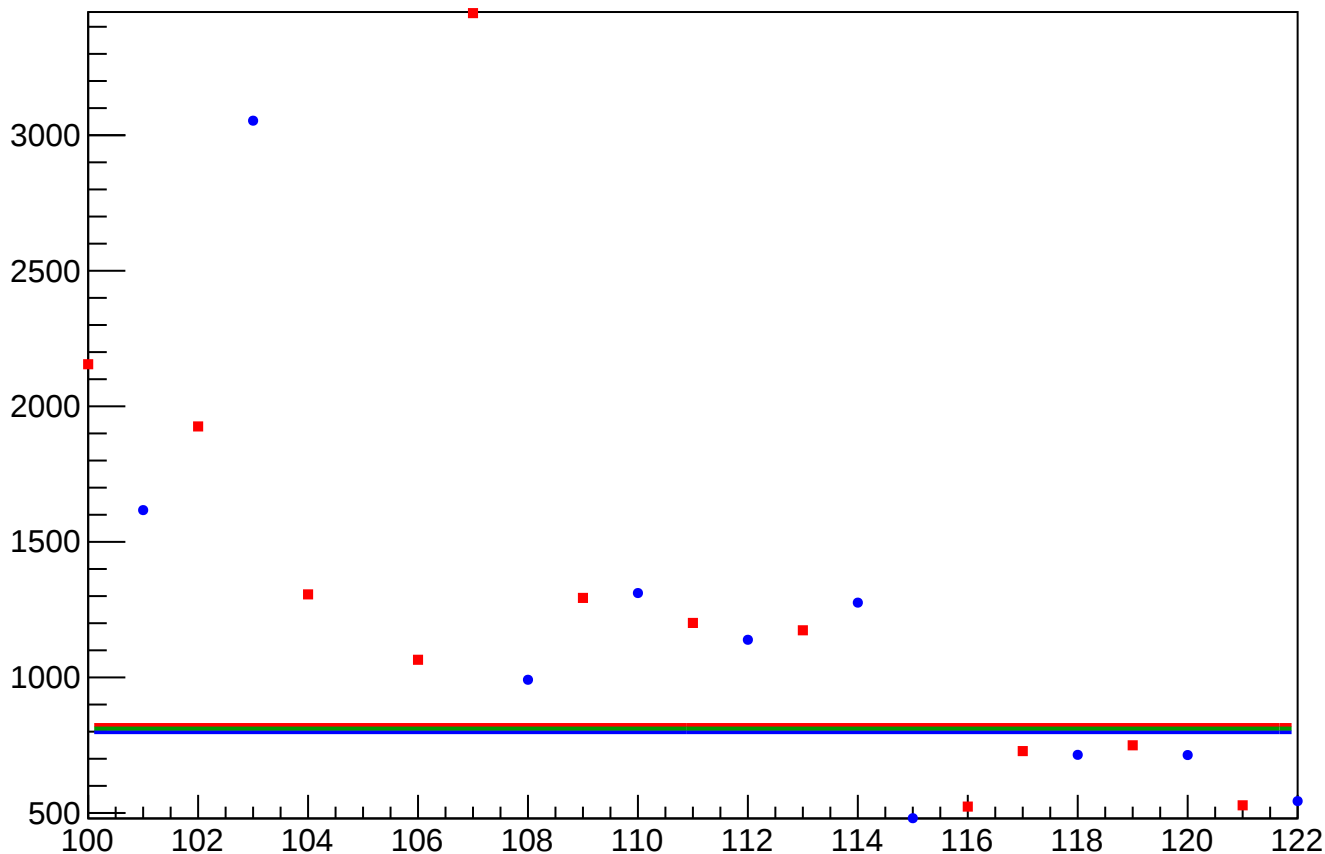
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-317.653+/-458.082 χ^2 /NDF: 5.9/9

-412.569+/-323.516 χ^2 /NDF: 19.0/21

-507.022+/-456.963 χ^2 /NDF: 13.0/11

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 798.171+/-0.324 χ^2/NDF : 1486595.6/9

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

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

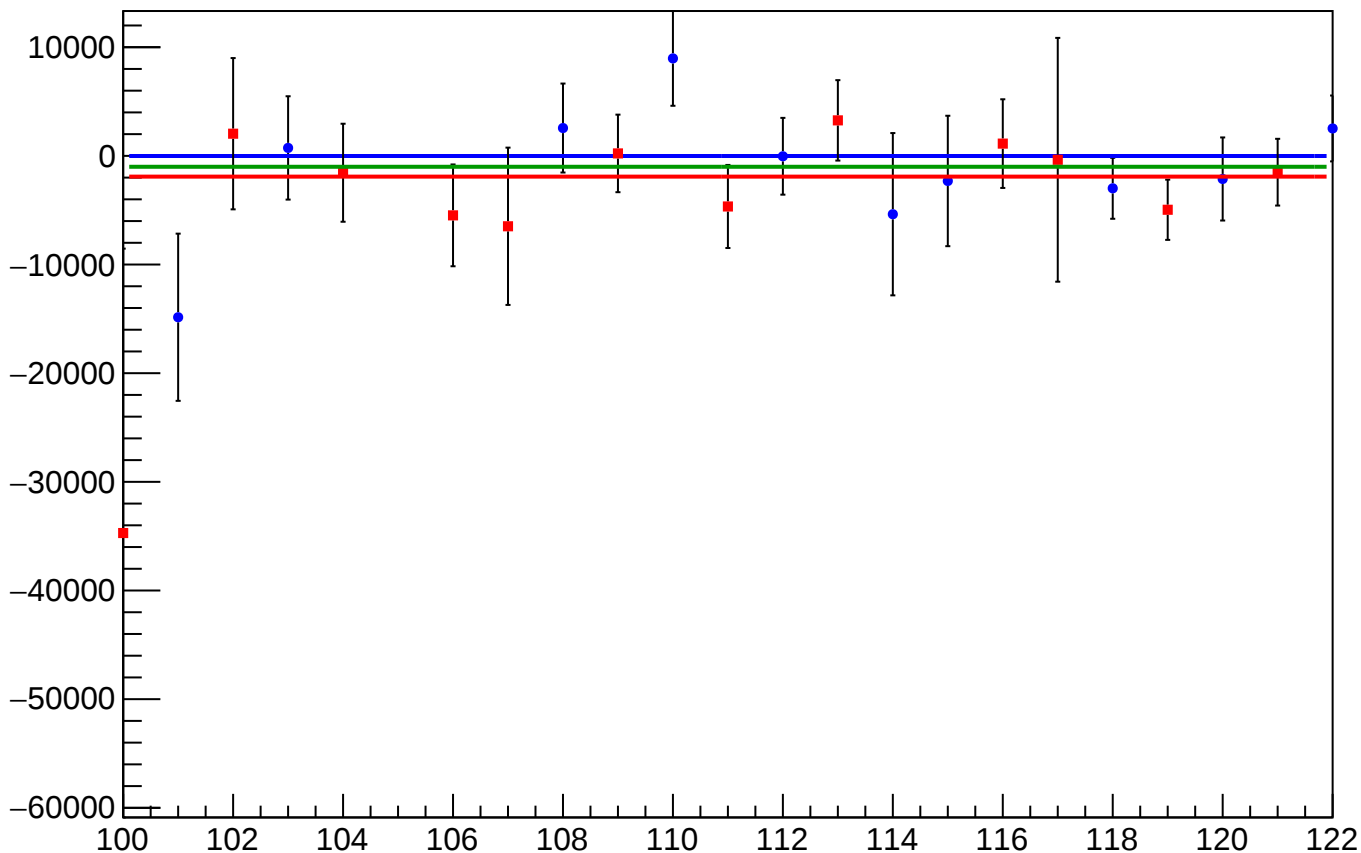
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

798.171+/-0.324 χ^2/NDF : 1486595.6/9

811.338+/-0.229 χ^2/NDF : 3070719.6/21

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

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -12.121 ± 1287.272 χ^2/NDF : 11.2/9

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

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

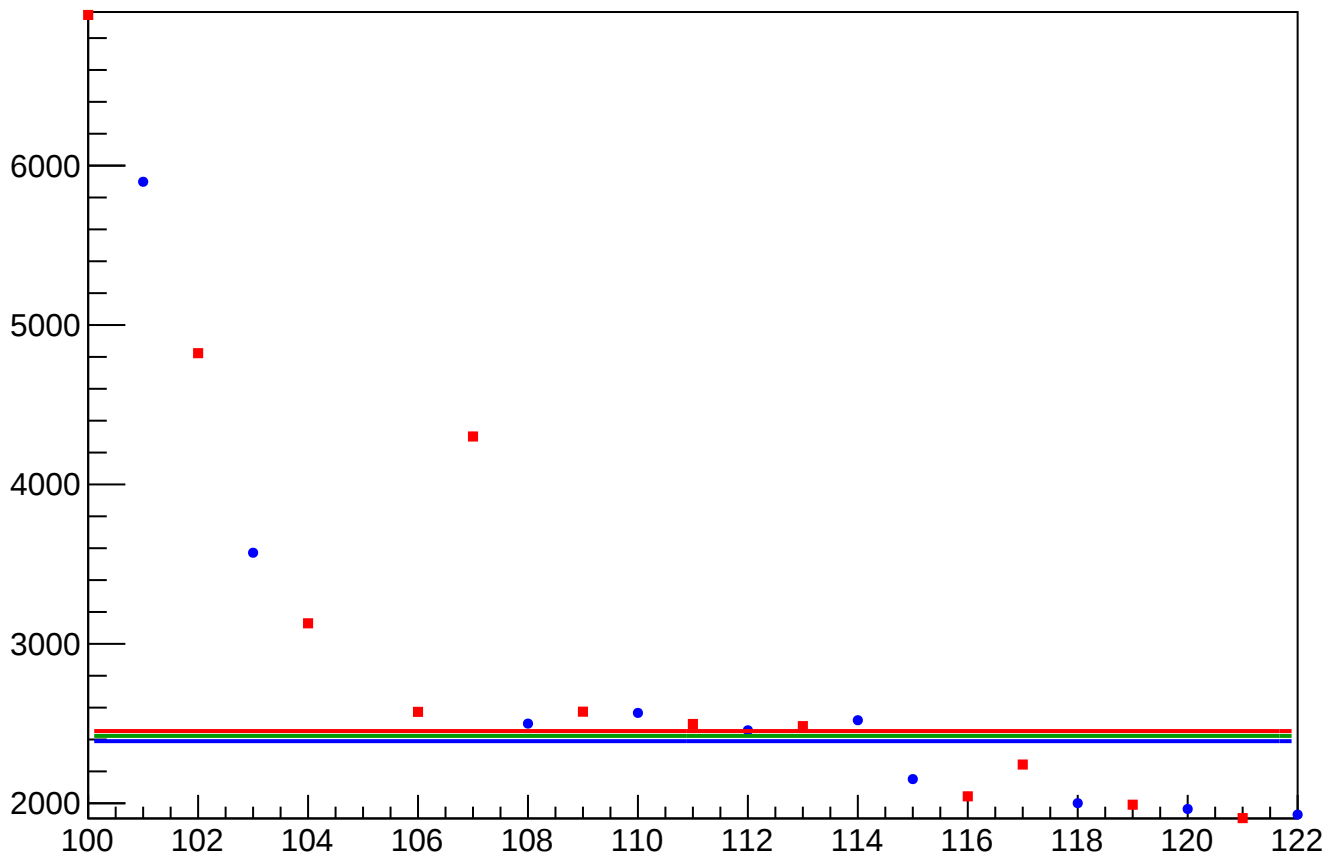
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-12.121 ± 1287.272 χ^2/NDF : 11.2/9

-1003.369 ± 889.600 χ^2/NDF : 19.8/21

-1909.546 ± 1230.795 χ^2/NDF : 7.5/11

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2389.627+/-0.910 χ^2/NDF : 658281.4/9

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

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

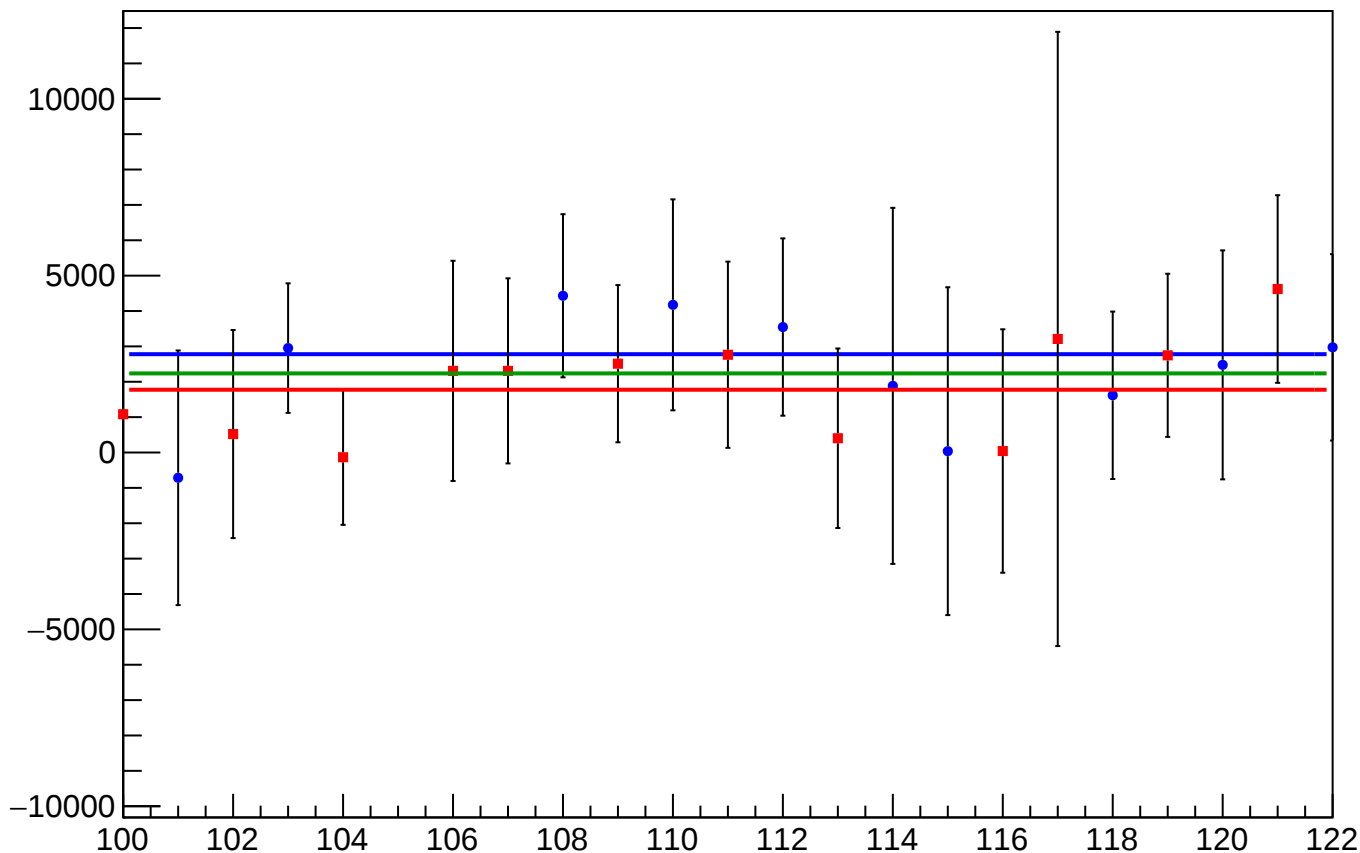
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2389.627+/-0.910 χ^2/NDF : 658281.4/9

2422.761+/-0.629 χ^2/NDF : 1270686.7/21

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

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2779.644+/-864.177 χ^2/NDF : 2.4/9

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

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

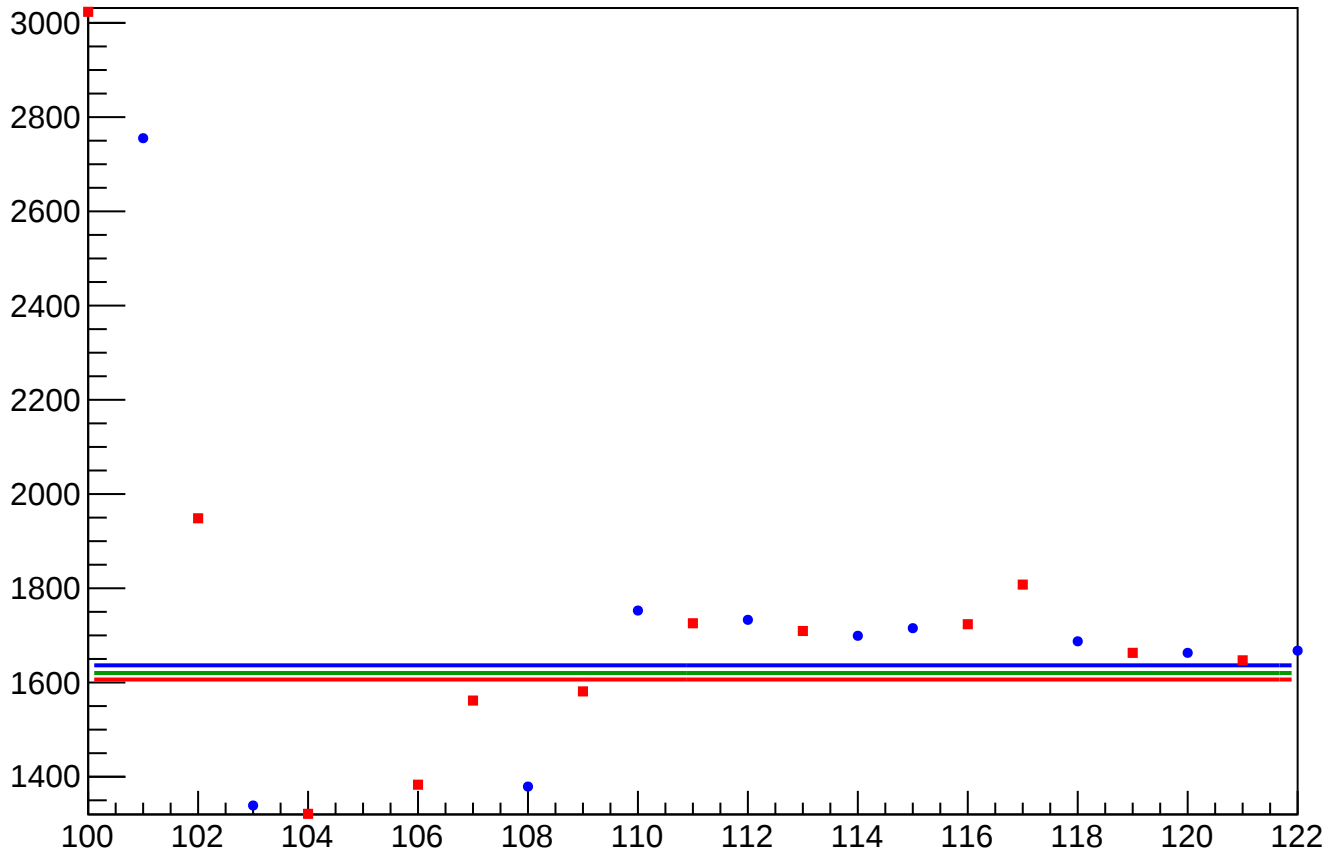
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2779.644+/-864.177 χ^2/NDF : 2.4/9

2236.121+/-585.684 χ^2/NDF : 6.6/21

1774.376+/-796.517 χ^2/NDF : 3.4/11

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1636.470+/-0.611 χ^2/NDF : 279135.0/9

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

Right Out: 1606.346+/-0.563 χ^2/NDF : 126077.5/11

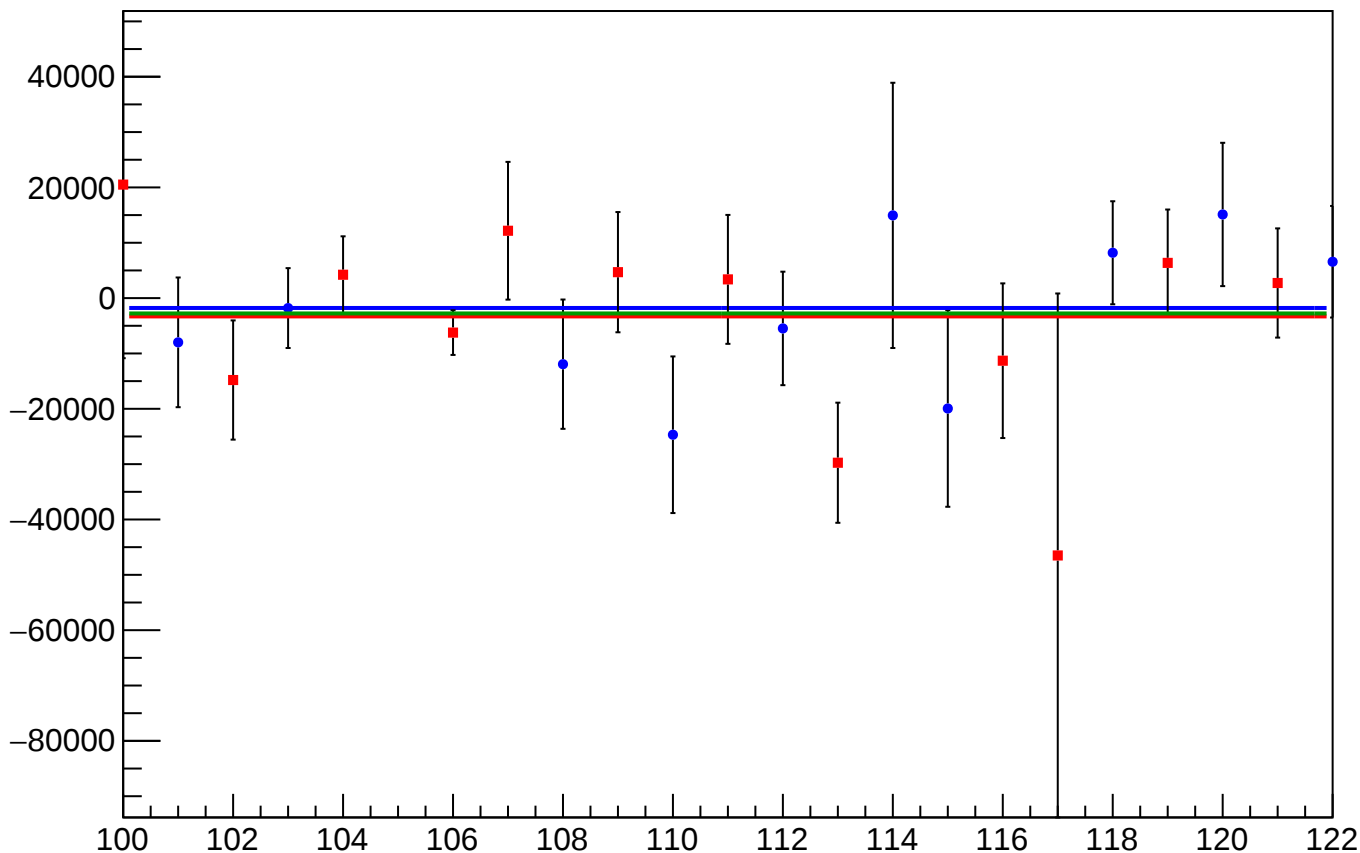
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1636.470+/-0.611 χ^2/NDF : 279135.0/9

1620.183+/-0.414 χ^2/NDF : 406526.5/21

1606.346+/-0.563 χ^2/NDF : 126077.5/11

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -1780.751+/-3522.798 χ^2 /NDF: 8.9/9

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

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

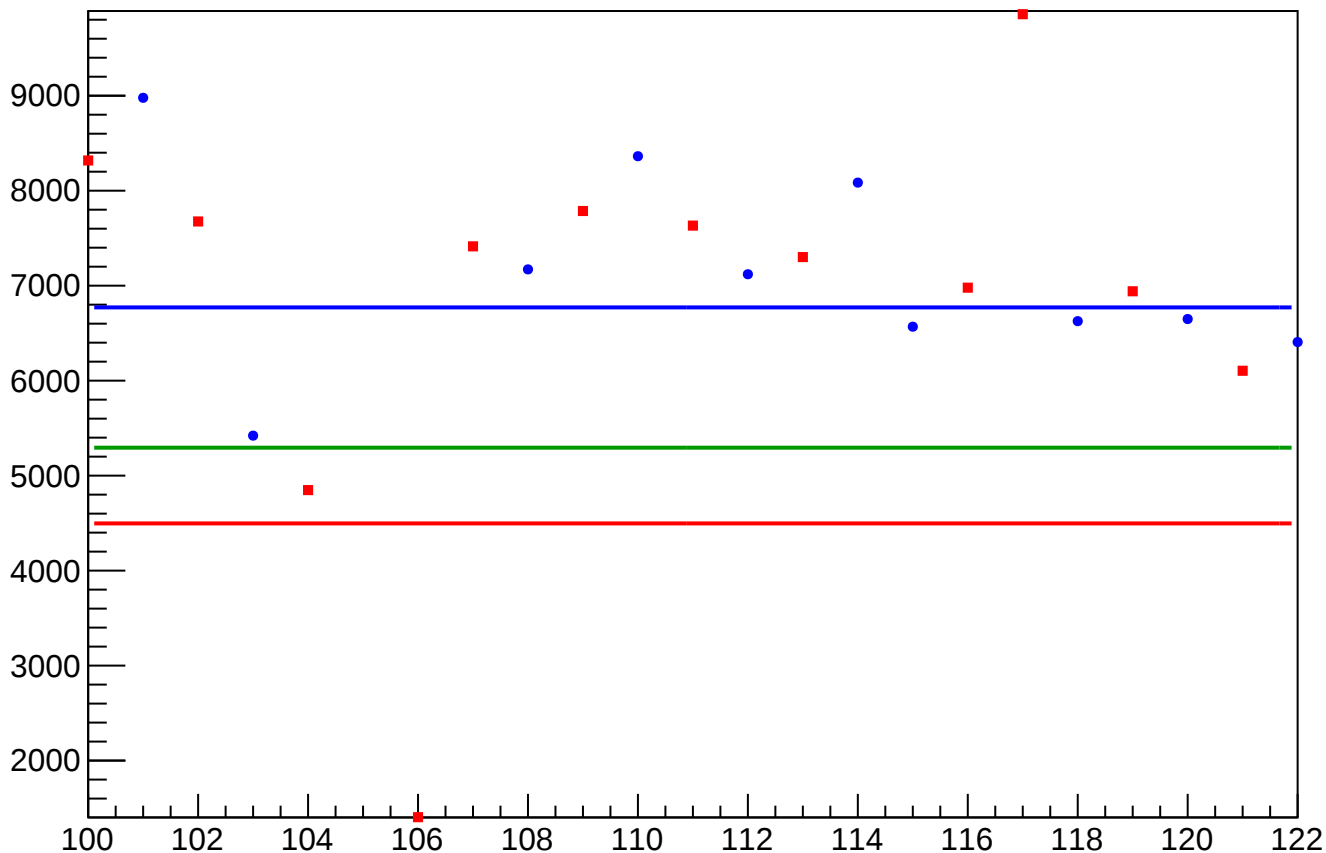
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1780.751+/-3522.798 χ^2 /NDF: 8.9/9

-2772.258+/-2085.889 χ^2 /NDF: 23.3/21

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

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 6771.254 +/- 2.491 χ^2/NDF : 180458.2/9

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

Right Out: 4496.986 +/- 1.830 χ^2/NDF : 2227168.6/11

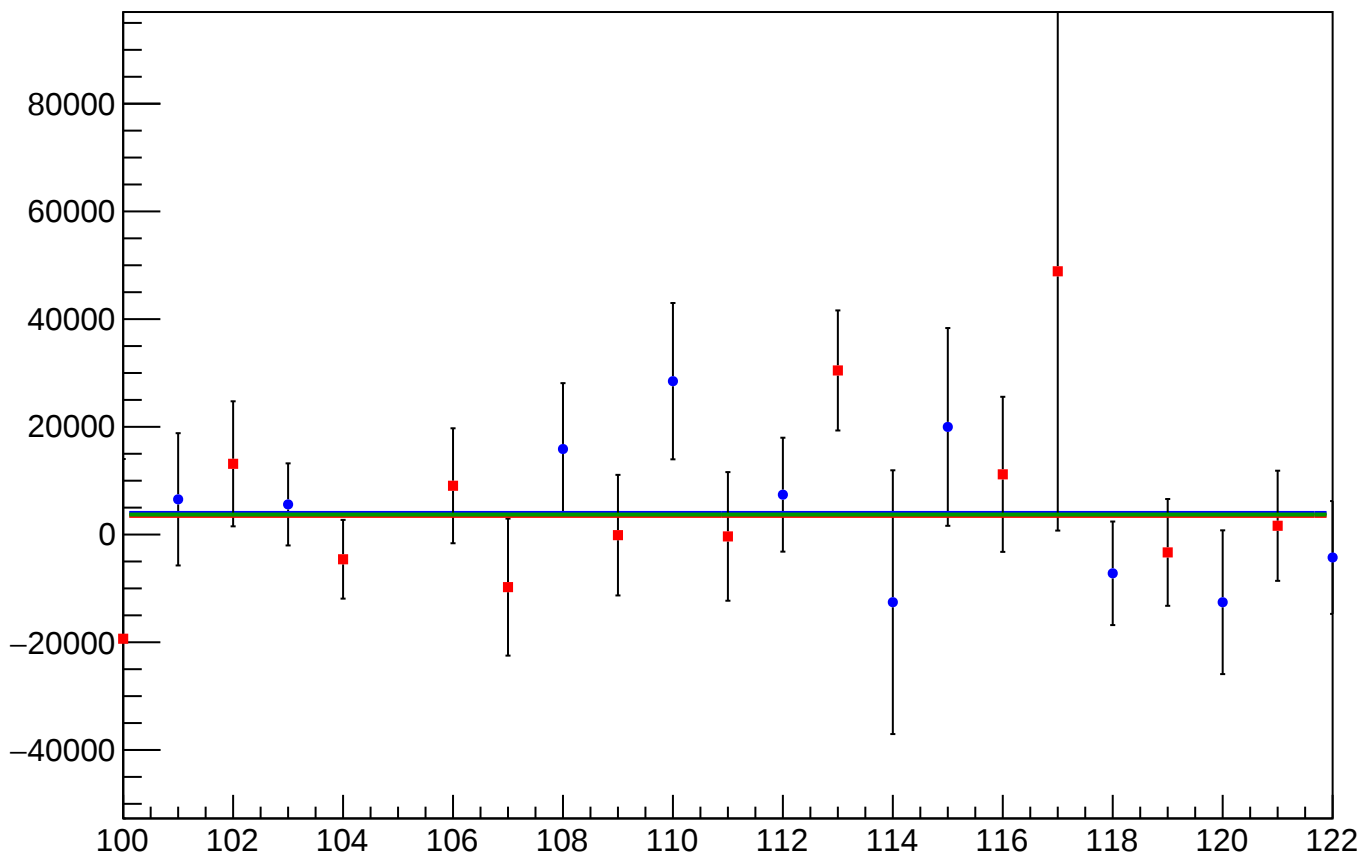
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

6771.254 +/- 2.491 χ^2/NDF : 180458.2/9

5294.336 +/- 1.475 χ^2/NDF : 2948945.1/21

4496.986 +/- 1.830 χ^2/NDF : 2227168.6/11

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 4012.352+/-3666.300 χ^2/NDF : 8.7/9

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

Right Out: 3466.781+/-3332.894 χ^2/NDF : 11.5/11

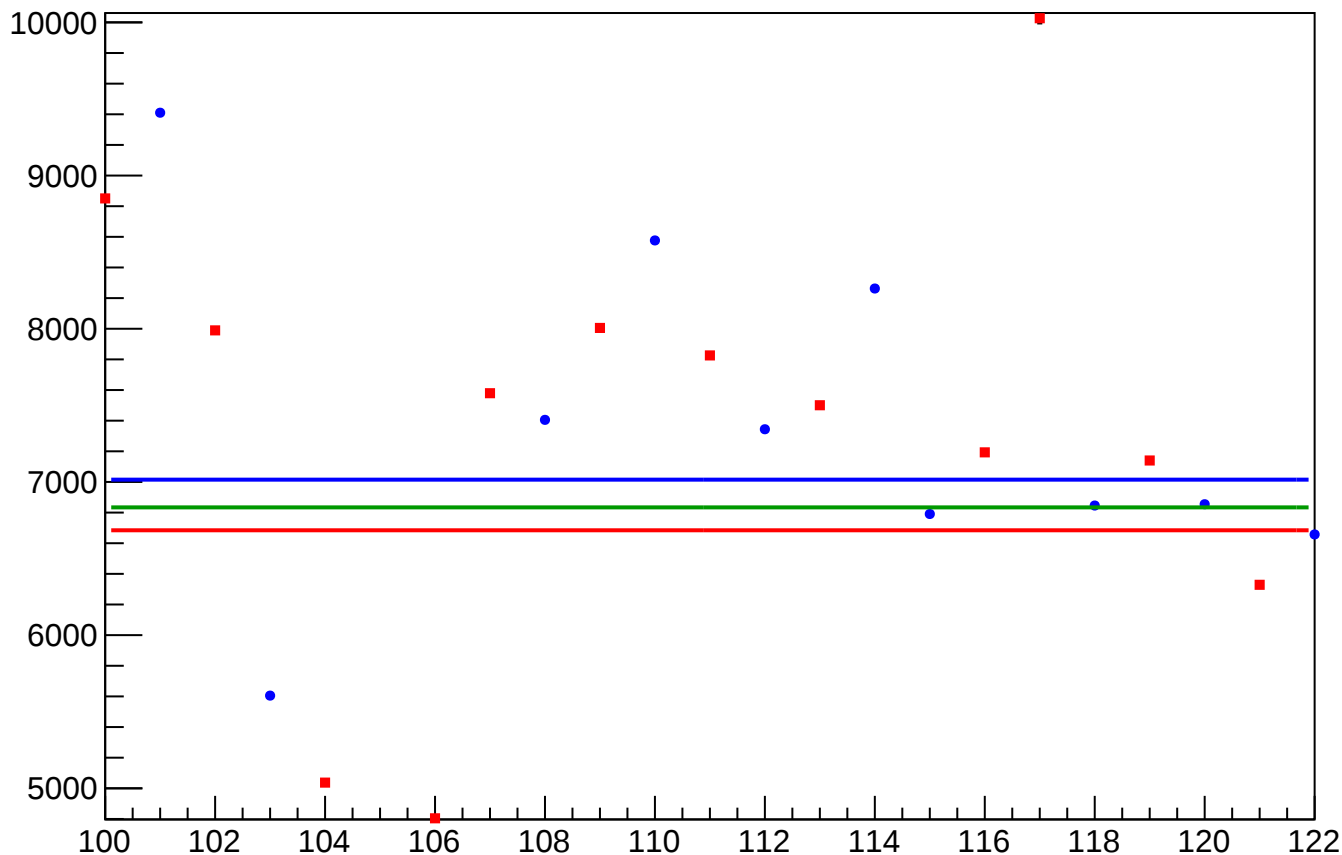
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4012.352+/-3666.300 χ^2/NDF : 8.7/9

3713.637+/-2466.177 χ^2/NDF : 20.2/21

3466.781+/-3332.894 χ^2/NDF : 11.5/11

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7014.959+/-2.592 χ^2/NDF : 180389.6/9

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

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

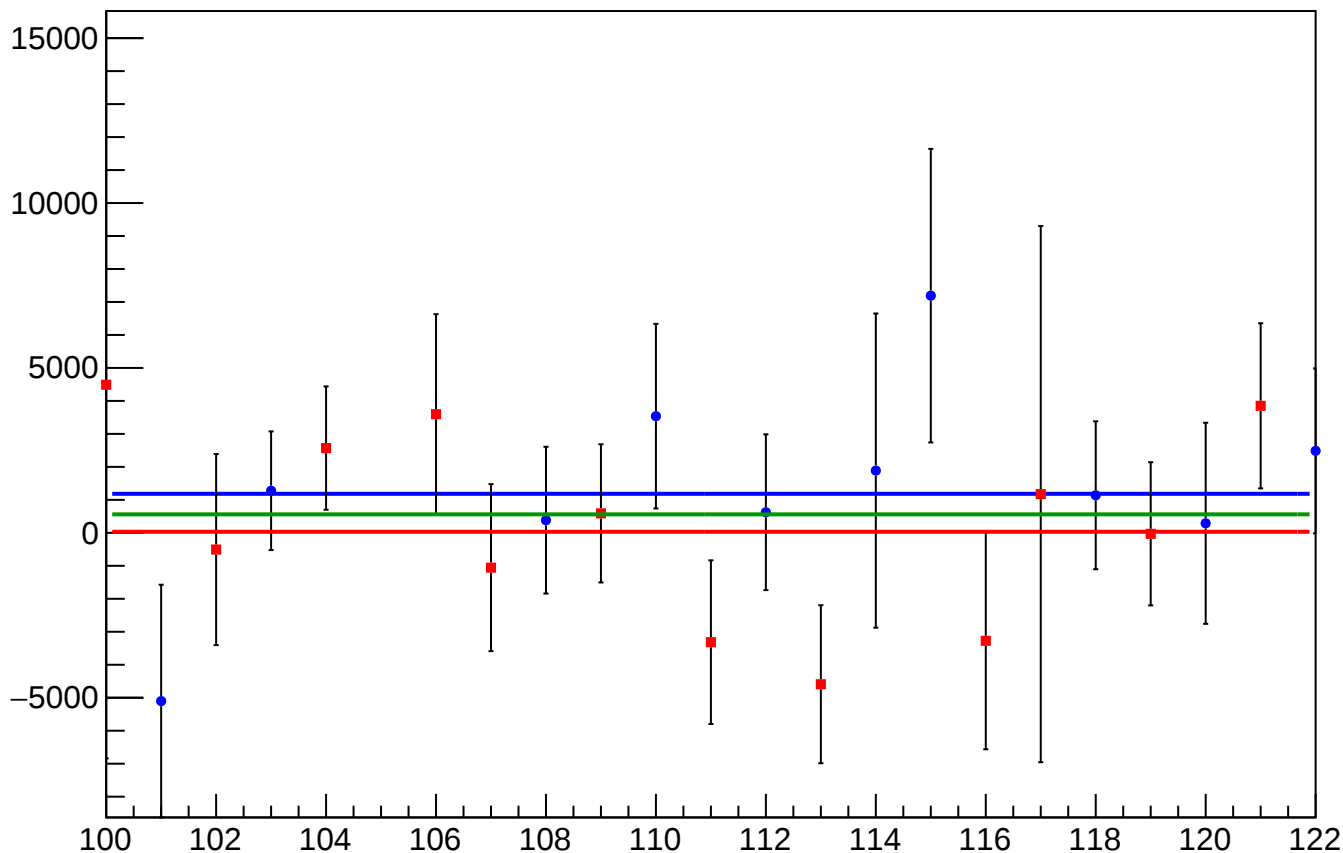
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7014.959+/-2.592 χ^2/NDF : 180389.6/9

6833.962+/-1.744 χ^2/NDF : 472370.7/21

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

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1183.593+/-827.886 χ^2/NDF : 6.3/9

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

Right Out: 32.073+/-762.248 χ^2/NDF : 12.6/11

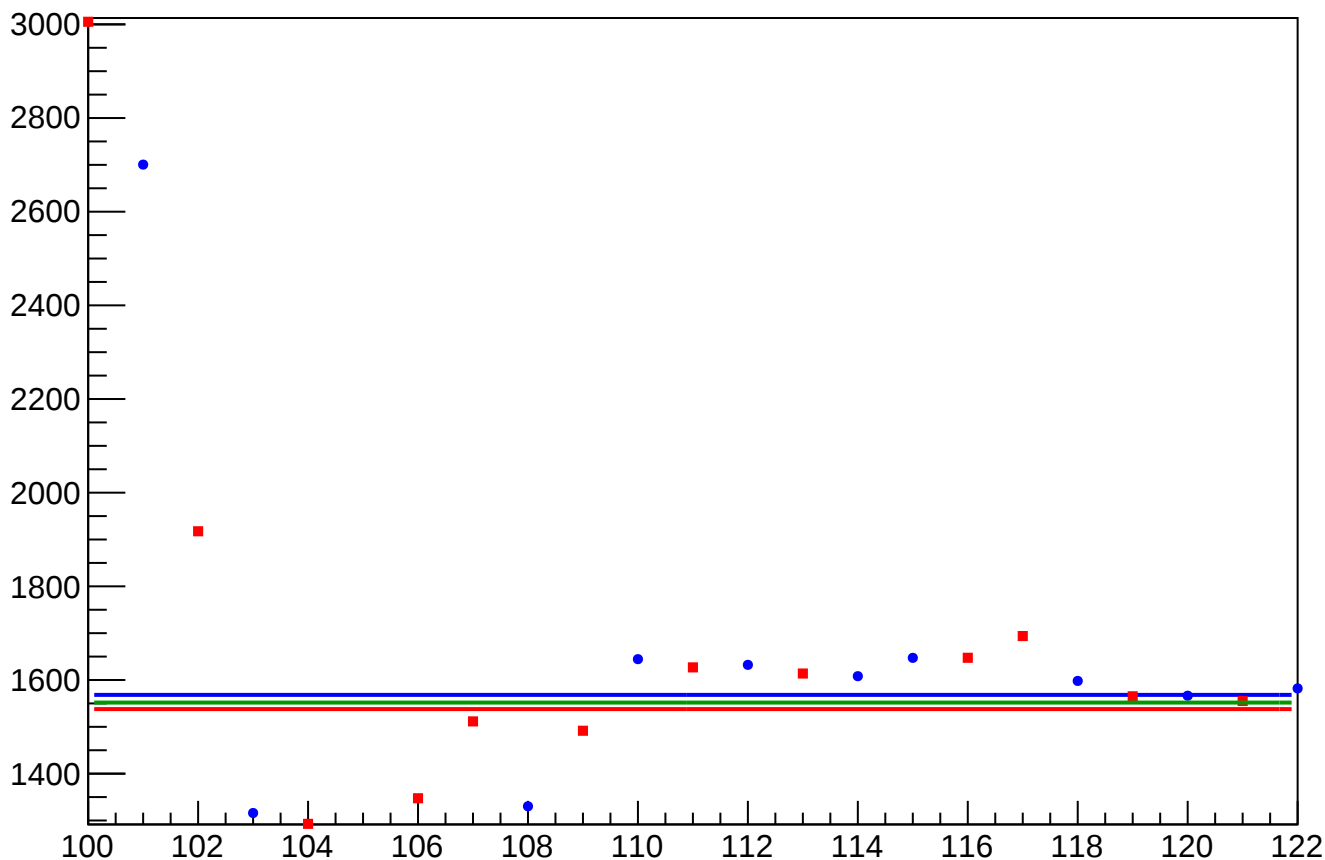
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1183.593+/-827.886 χ^2/NDF : 6.3/9

560.382+/-560.762 χ^2/NDF : 19.9/21

32.073+/-762.248 χ^2/NDF : 12.6/11

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1568.227+/-0.585 χ^2/NDF : 272265.9/9

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

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

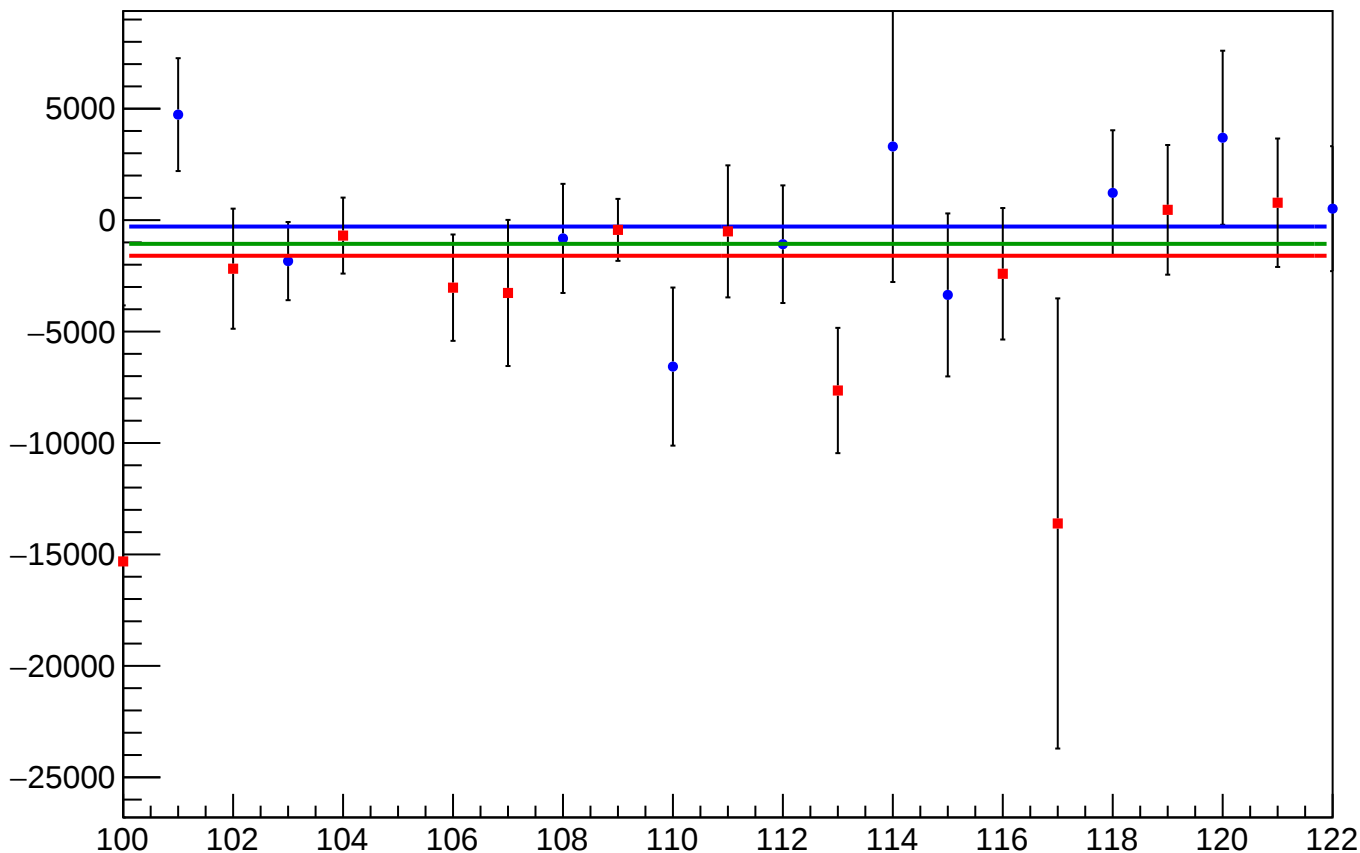
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1568.227+/-0.585 χ^2/NDF : 272265.9/9

1551.800+/-0.397 χ^2/NDF : 392991.7/21

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

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -288.145+/-879.648 χ^2/NDF : 10.5/9

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

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

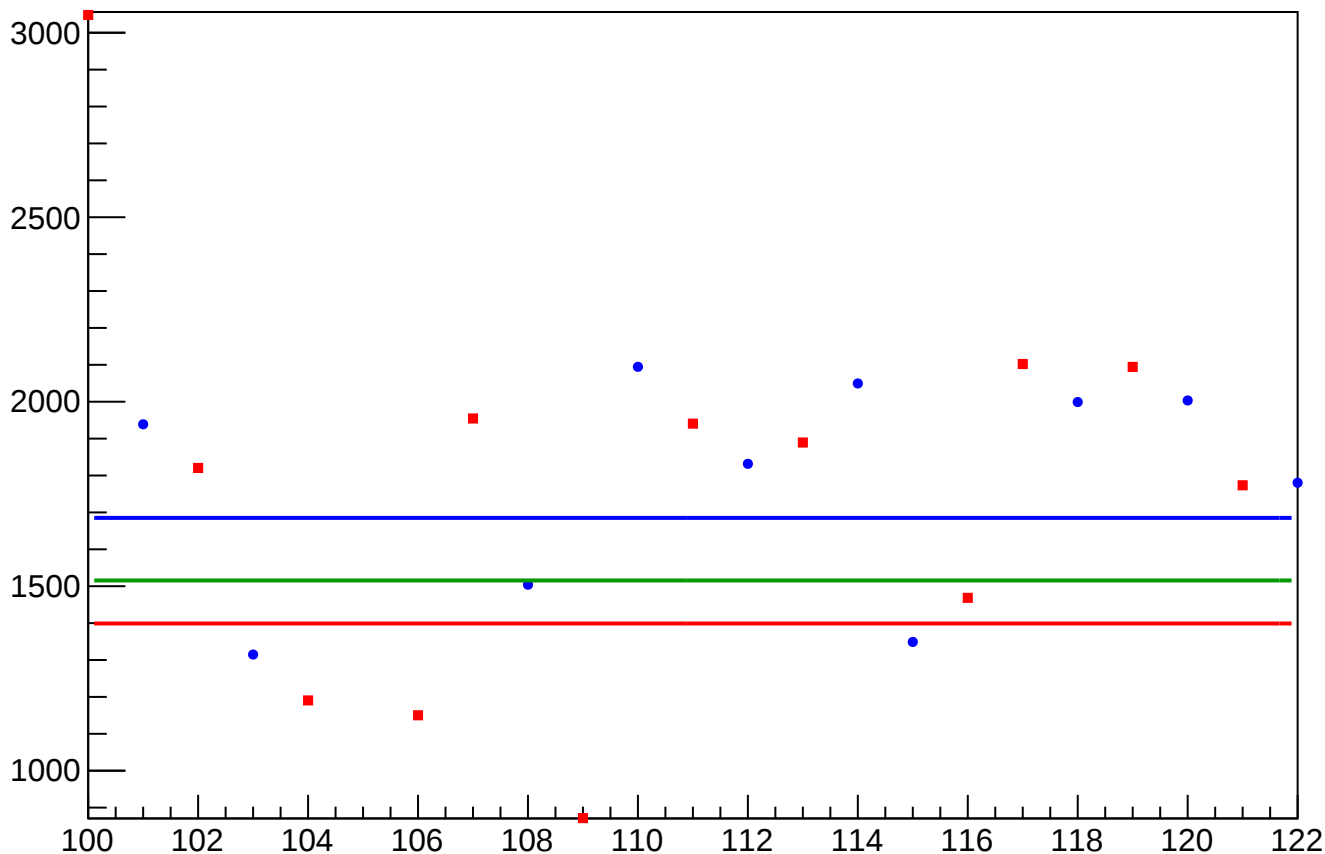
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-288.145+/-879.648 χ^2/NDF : 10.5/9

-1064.753+/-561.525 χ^2/NDF : 22.3/21

-1598.859+/-729.494 χ^2/NDF : 10.5/11

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 1685.185 $\pm$ 0.622 χ^2 /NDF: 217652.3/9

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

Right Out: 1398.928 $\pm$ 0.516 χ^2 /NDF: 773584.1/11

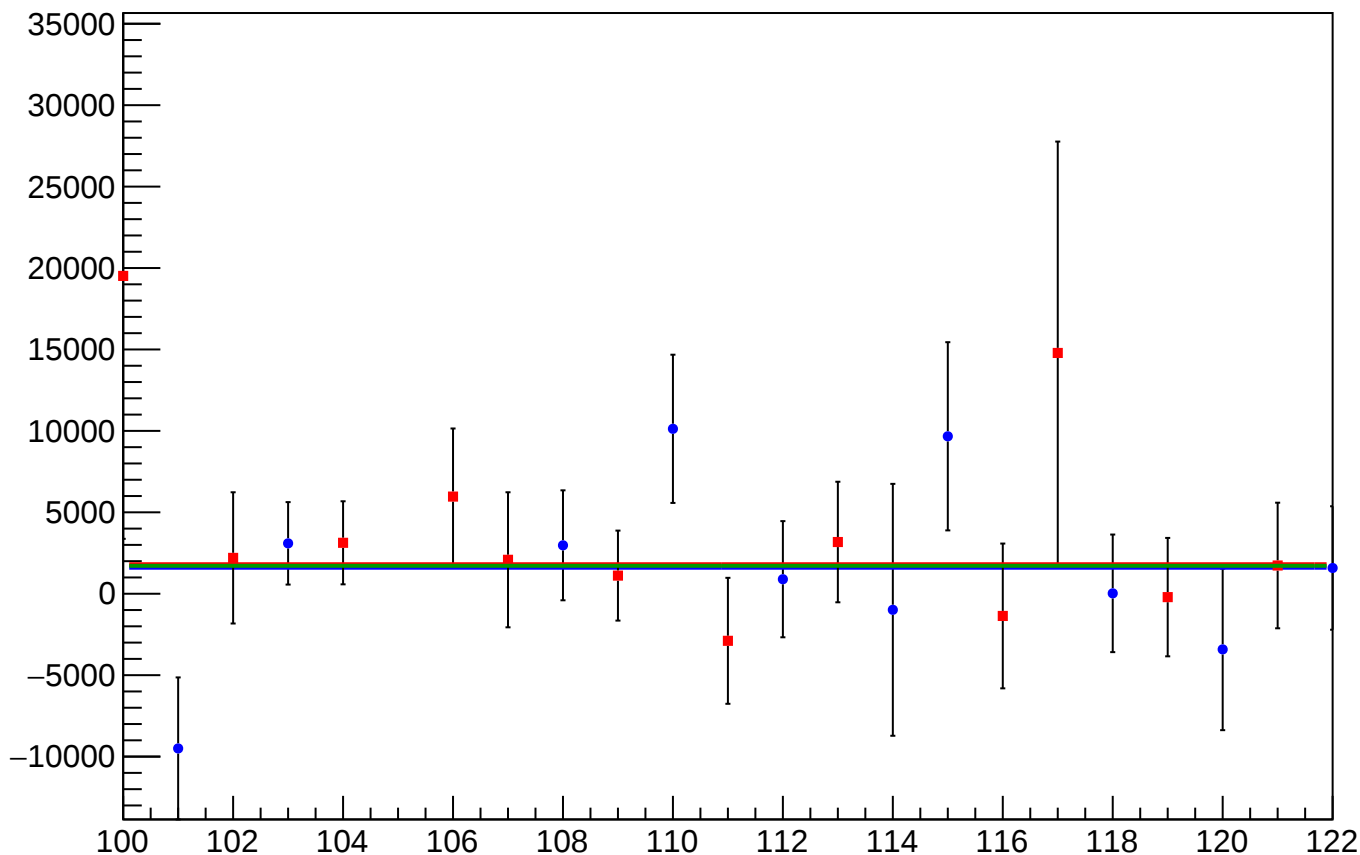
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1685.185 $\pm$ 0.622 χ^2 /NDF: 217652.3/9

1515.576 $\pm$ 0.397 χ^2 /NDF: 1116728.9/21

1398.928 $\pm$ 0.516 χ^2 /NDF: 773584.1/11

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1598.055+/-1233.858 χ^2/NDF : 13.8/9

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

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

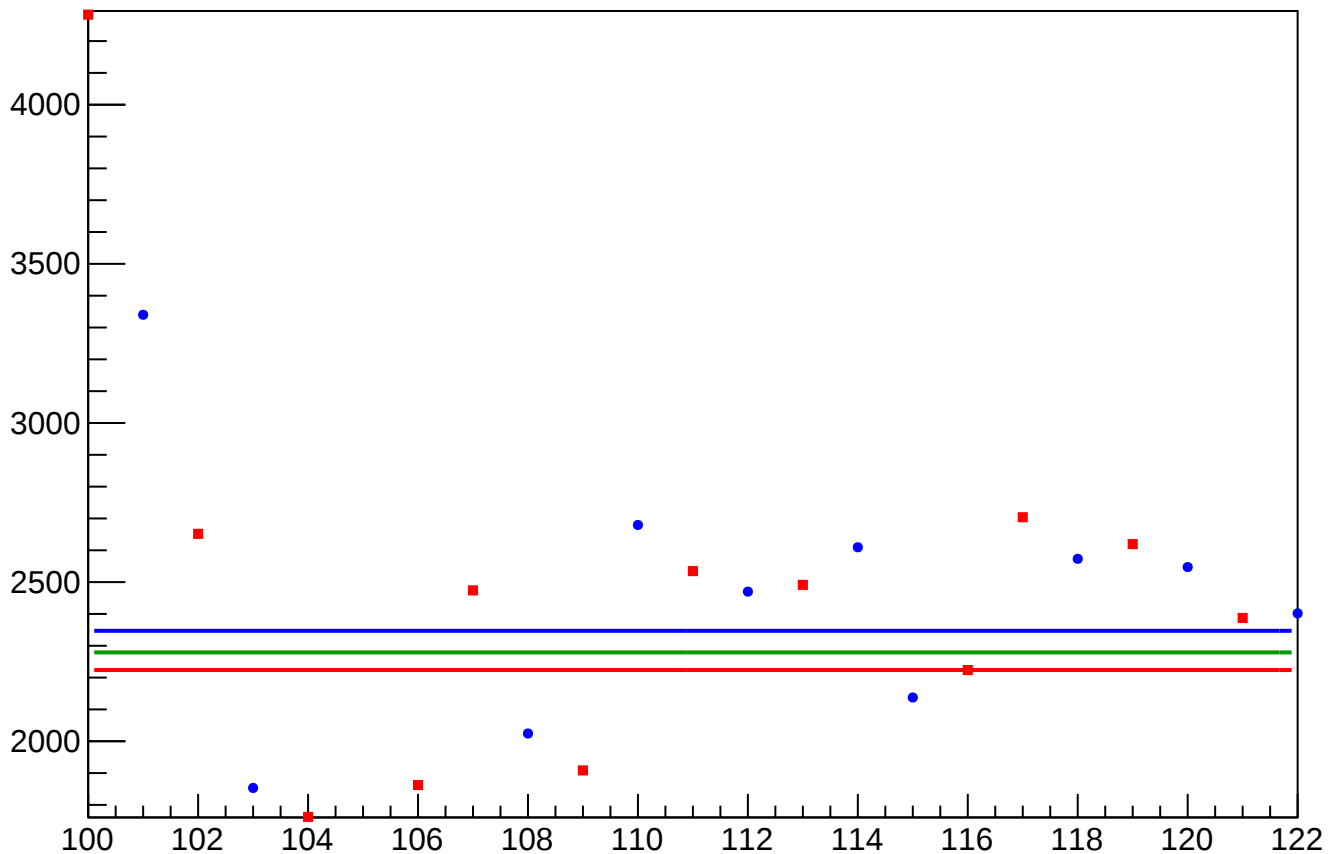
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1598.055+/-1233.858 χ^2/NDF : 13.8/9

1715.743+/-827.123 χ^2/NDF : 19.8/21

1811.791+/-1114.661 χ^2/NDF : 6.0/11

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2347.040+/-0.872 χ^2/NDF : 227562.6/9

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

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

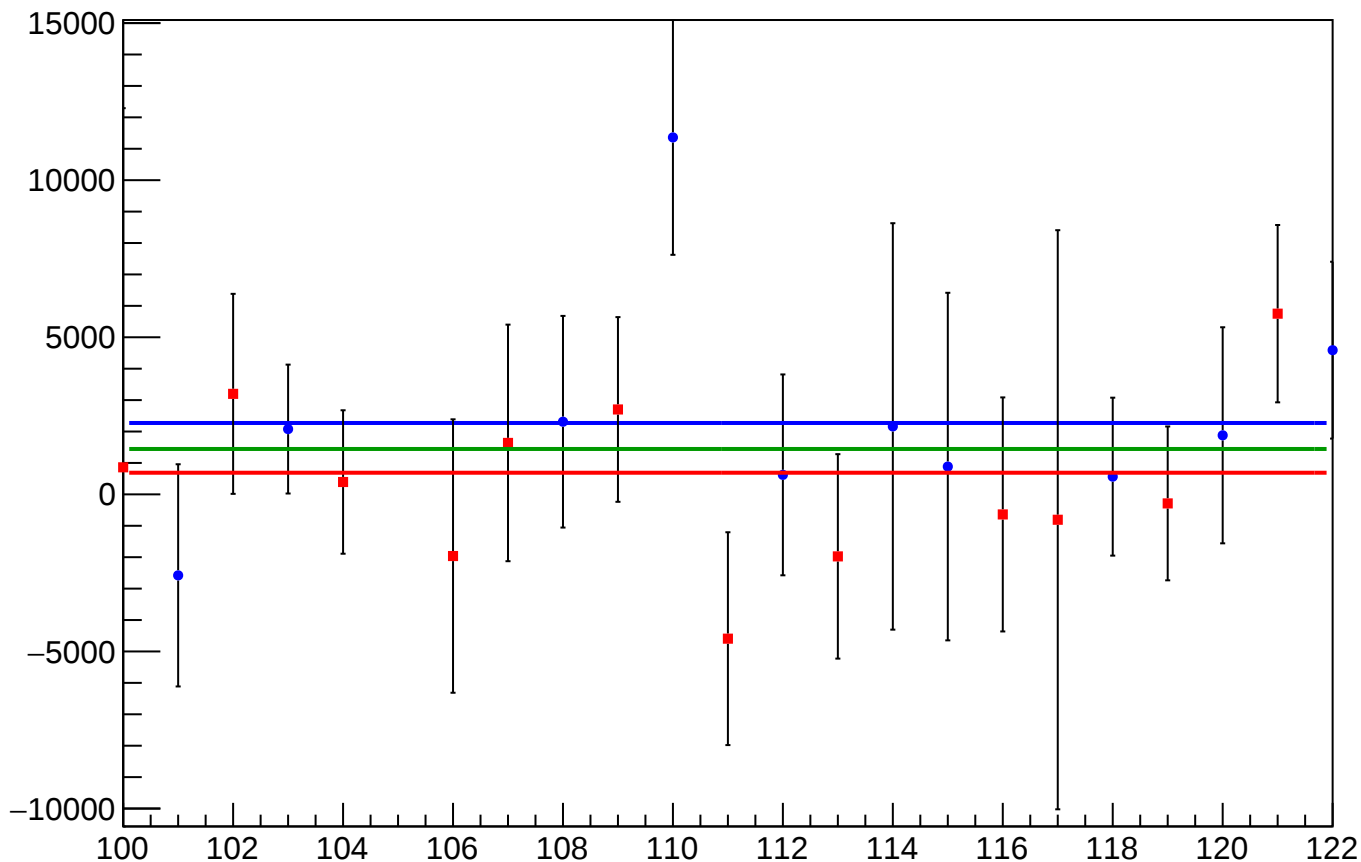
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2347.040+/-0.872 χ^2/NDF : 227562.6/9

2279.165+/-0.585 χ^2/NDF : 460810.7/21

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

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2271.994+/-999.503 χ^2/NDF : 9.3/9

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

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

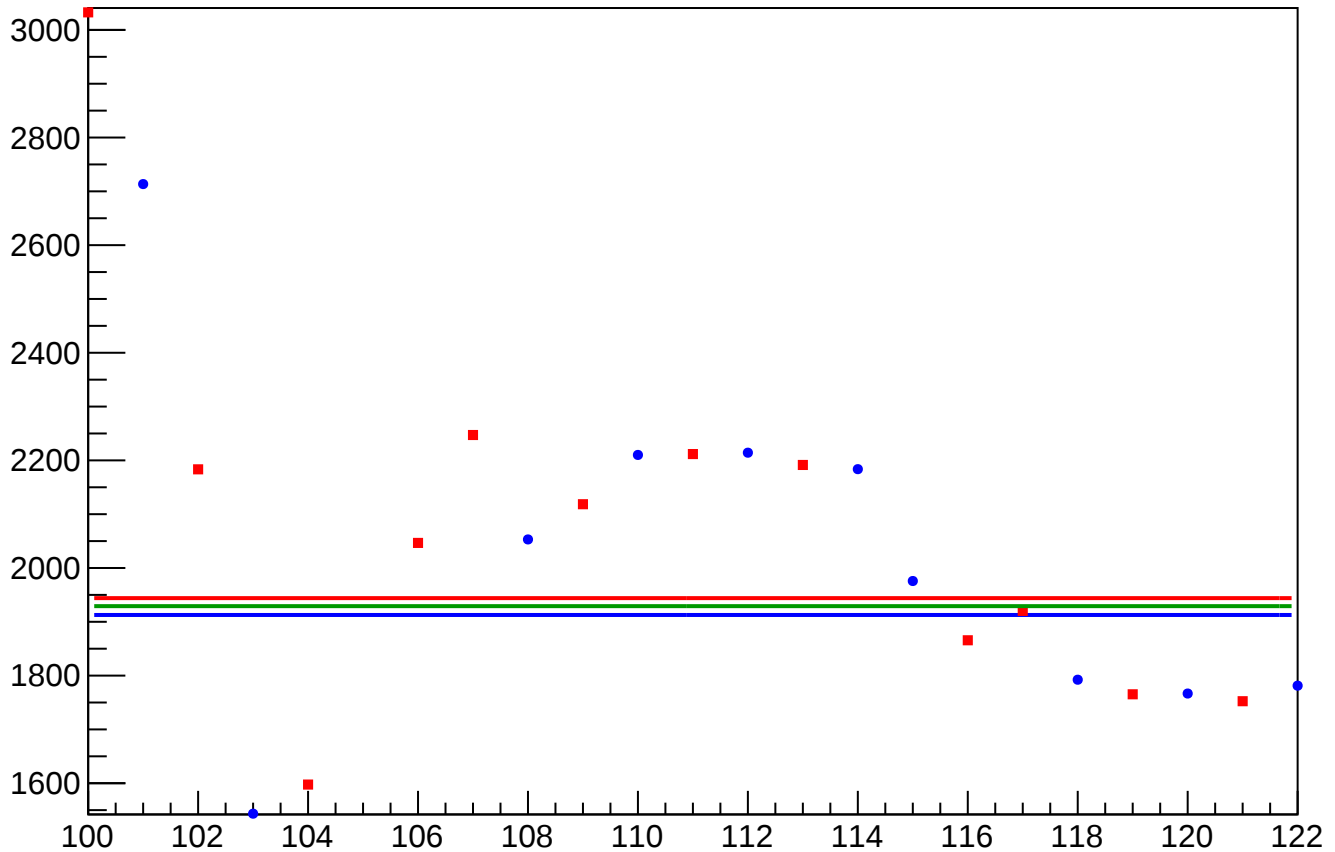
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2271.994+/-999.503 χ^2/NDF : 9.3/9

1444.672+/-690.700 χ^2/NDF : 18.8/21

688.481+/-955.571 χ^2/NDF : 8.2/11

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1912.689 $\pm$ 0.707 χ^2 /NDF: 217665.1/9

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

Right Out: 1943.993 $\pm$ 0.674 χ^2 /NDF: 141603.4/11

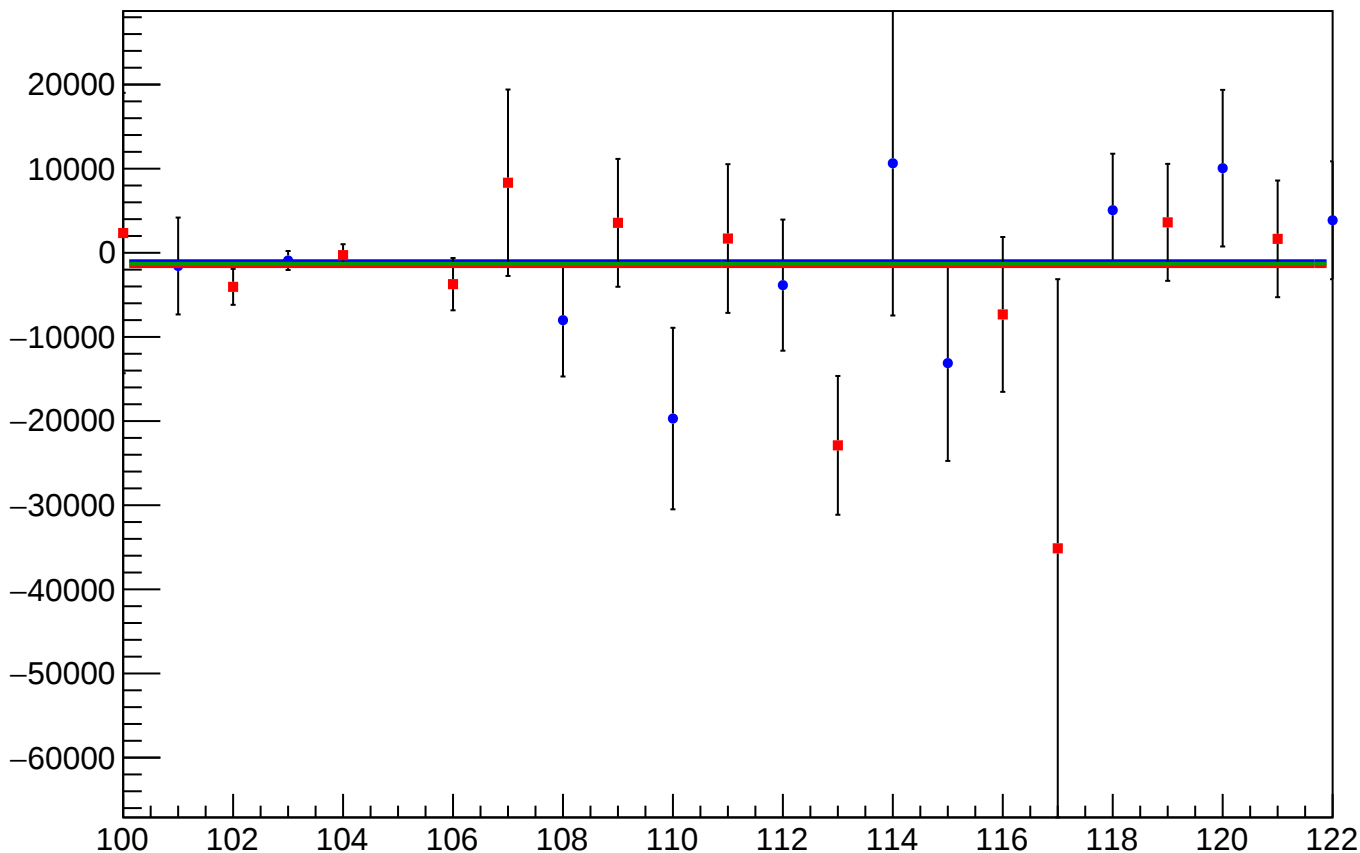
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1912.689 $\pm$ 0.707 χ^2 /NDF: 217665.1/9

1929.085 $\pm$ 0.488 χ^2 /NDF: 360296.0/21

1943.993 $\pm$ 0.674 χ^2 /NDF: 141603.4/11

asym_atl1r2_avg_correction_mean vs Slug, Sign Corrected



Right In: -1005.355+/-1038.705 χ^2/NDF : 8.5/9

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

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

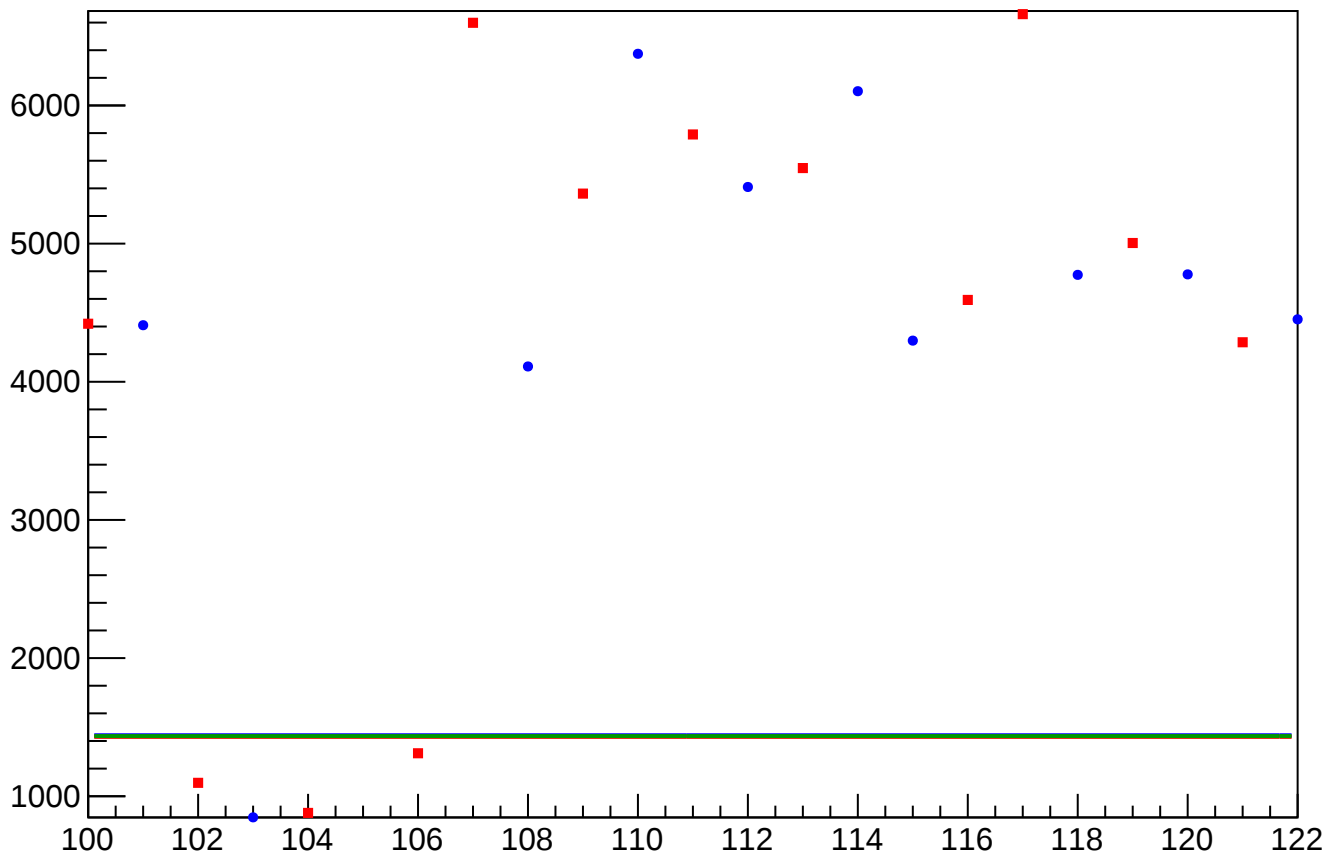
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1005.355+/-1038.705 χ^2/NDF : 8.5/9

-1305.960+/-715.070 χ^2/NDF : 21.8/21

-1576.769+/-985.884 χ^2/NDF : 13.2/11

asym_atl1r2_avg_correction_rms vs Slug, Sign Corrected



Right In: 1441.427+/-0.734 χ^2/NDF : 3714262.4/9

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

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

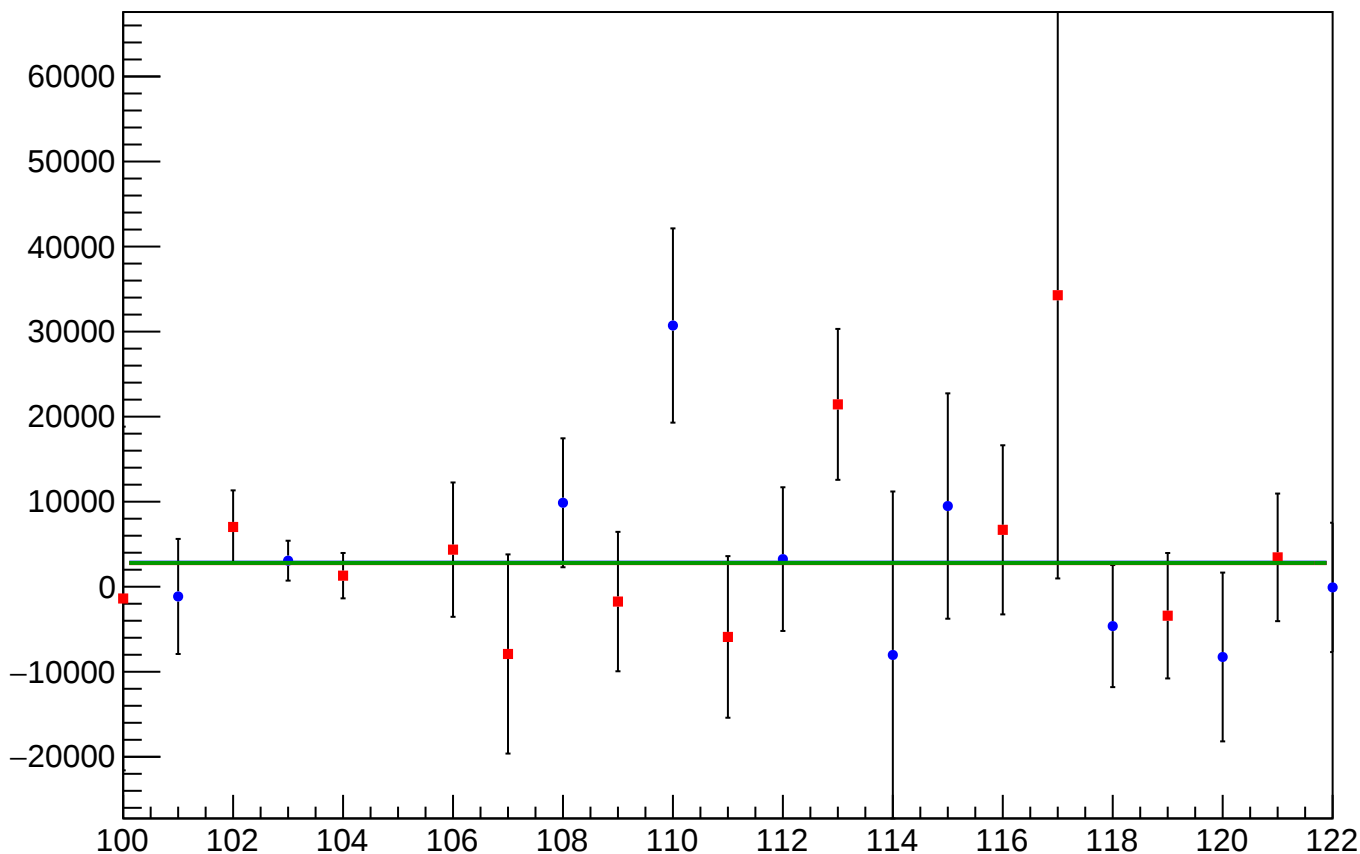
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1441.427+/-0.734 χ^2/NDF : 3714262.4/9

1435.405+/-0.506 χ^2/NDF : 7305195.9/21

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

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2825.183+/-1831.710 χ^2/NDF : 10.2/9

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

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

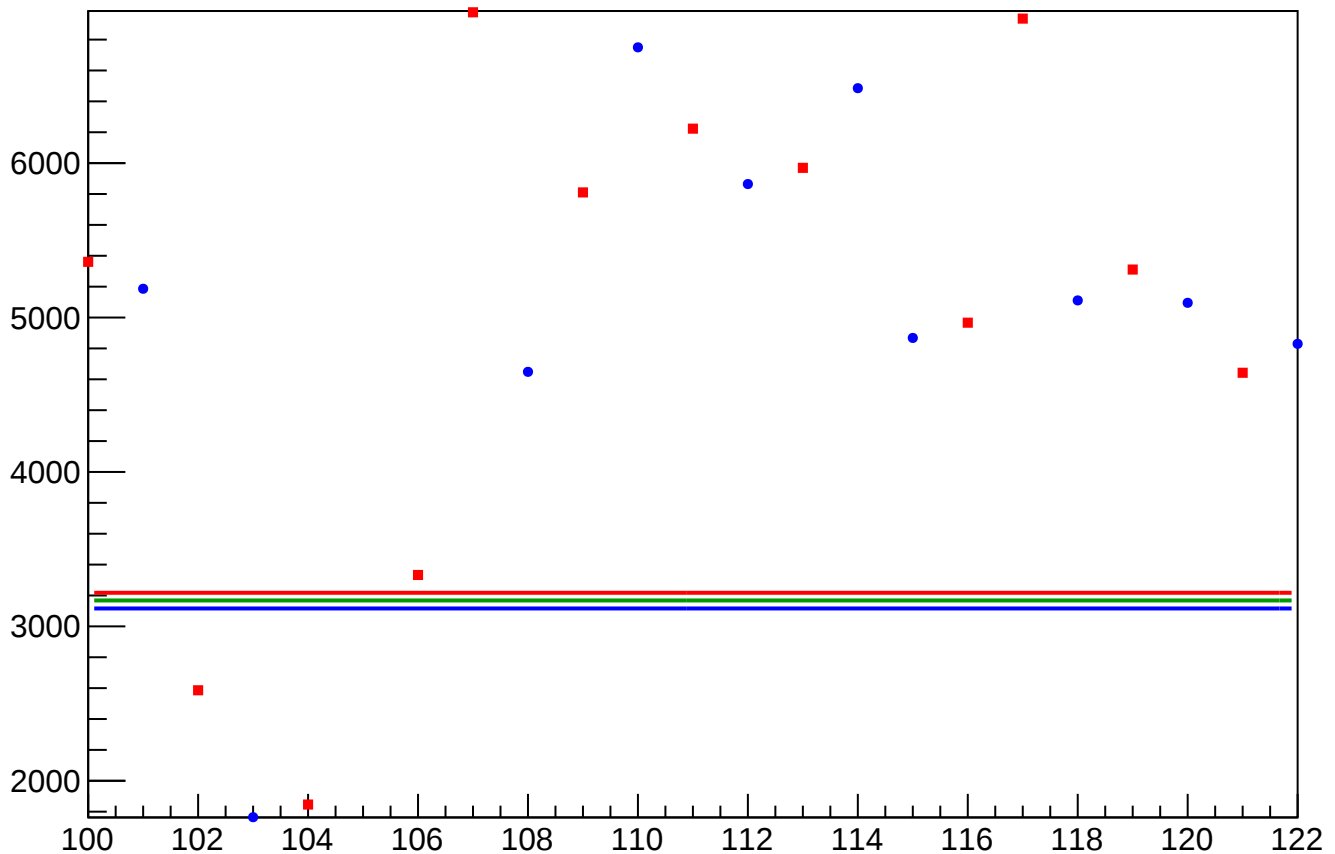
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2825.183+/-1831.710 χ^2/NDF : 10.2/9

2799.404+/-1286.559 χ^2/NDF : 19.8/21

2774.302+/-1807.472 χ^2/NDF : 9.5/11

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 3115.902 $\pm$ 1.295 χ^2 /NDF: 1779967.7/9

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

Right Out: 3217.536 $\pm$ 1.267 χ^2 /NDF: 1713463.4/11

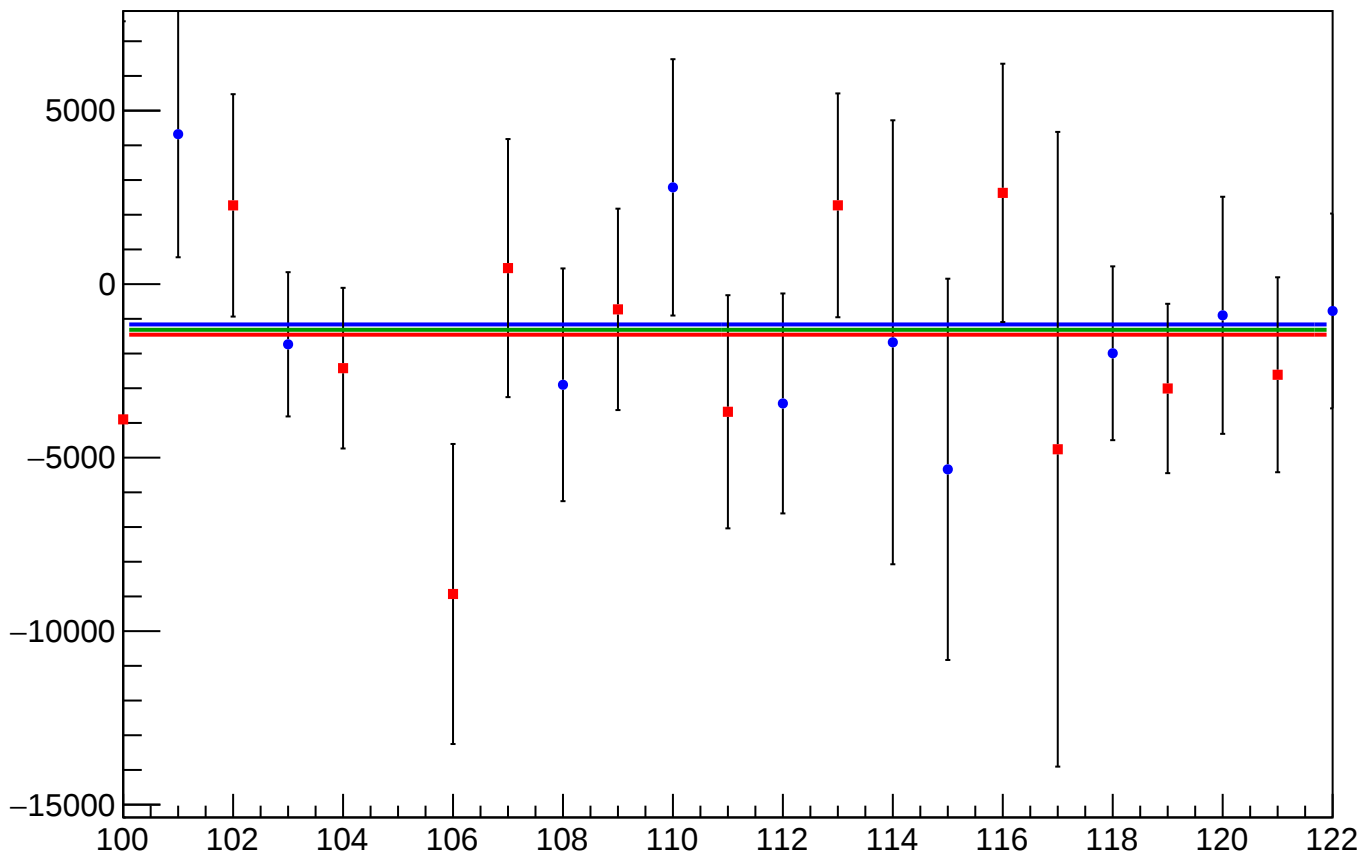
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3115.902 $\pm$ 1.295 χ^2 /NDF: 1779967.7/9

3167.824 $\pm$ 0.906 χ^2 /NDF: 3496576.7/21

3217.536 $\pm$ 1.267 χ^2 /NDF: 1713463.4/11

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1161.614 ± 998.884 χ^2/NDF : 5.1/9

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

Right Out: -1456.471 ± 953.592 χ^2/NDF : 8.6/11

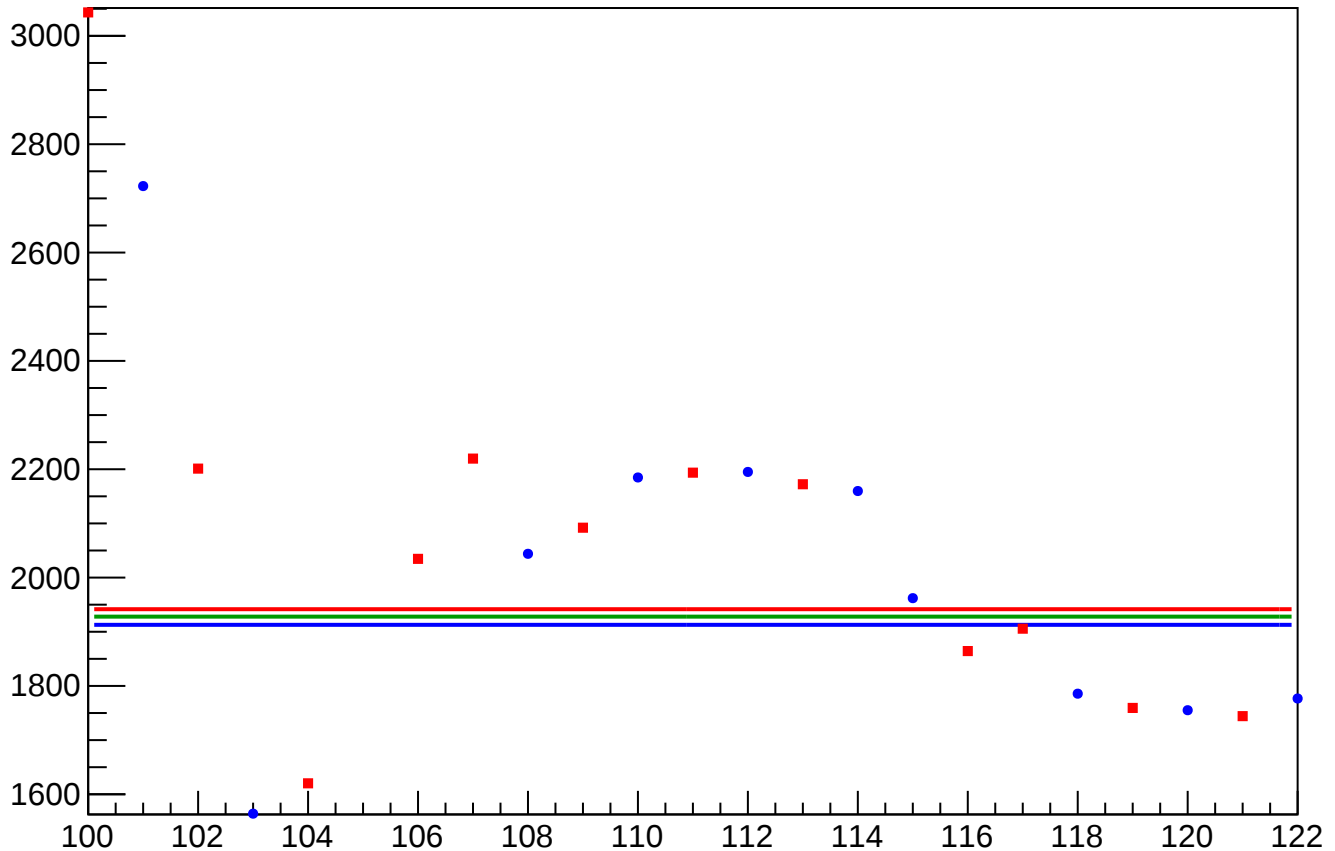
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1161.614 ± 998.884 χ^2/NDF : 5.1/9

-1315.879 ± 689.748 χ^2/NDF : 13.7/21

-1456.471 ± 953.592 χ^2/NDF : 8.6/11

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1912.794 $\pm$ 0.706 χ^2 /NDF: 207447.2/9

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

Right Out: 1941.653 $\pm$ 0.673 χ^2 /NDF: 131109.9/11

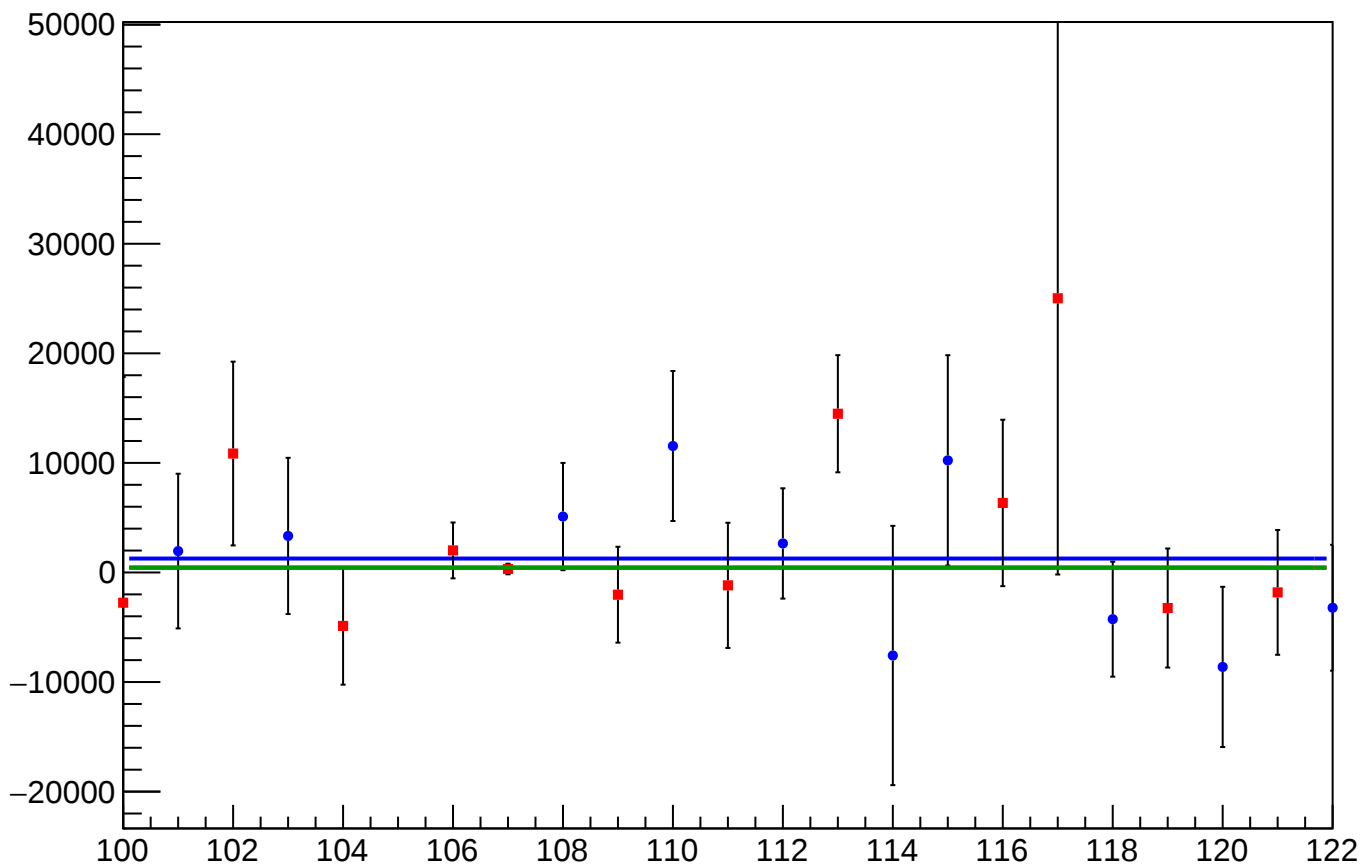
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1912.794 $\pm$ 0.706 χ^2 /NDF: 207447.2/9

1927.930 $\pm$ 0.487 χ^2 /NDF: 339432.6/21

1941.653 $\pm$ 0.673 χ^2 /NDF: 131109.9/11

asym_atl1r2_dd_correction_mean vs Slug, Sign Corrected



Right In: 1270.795+/-2017.929 χ^2/NDF : 8.0/9

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

Right Out: 422.897+/-460.543 χ^2/NDF : 12.5/11

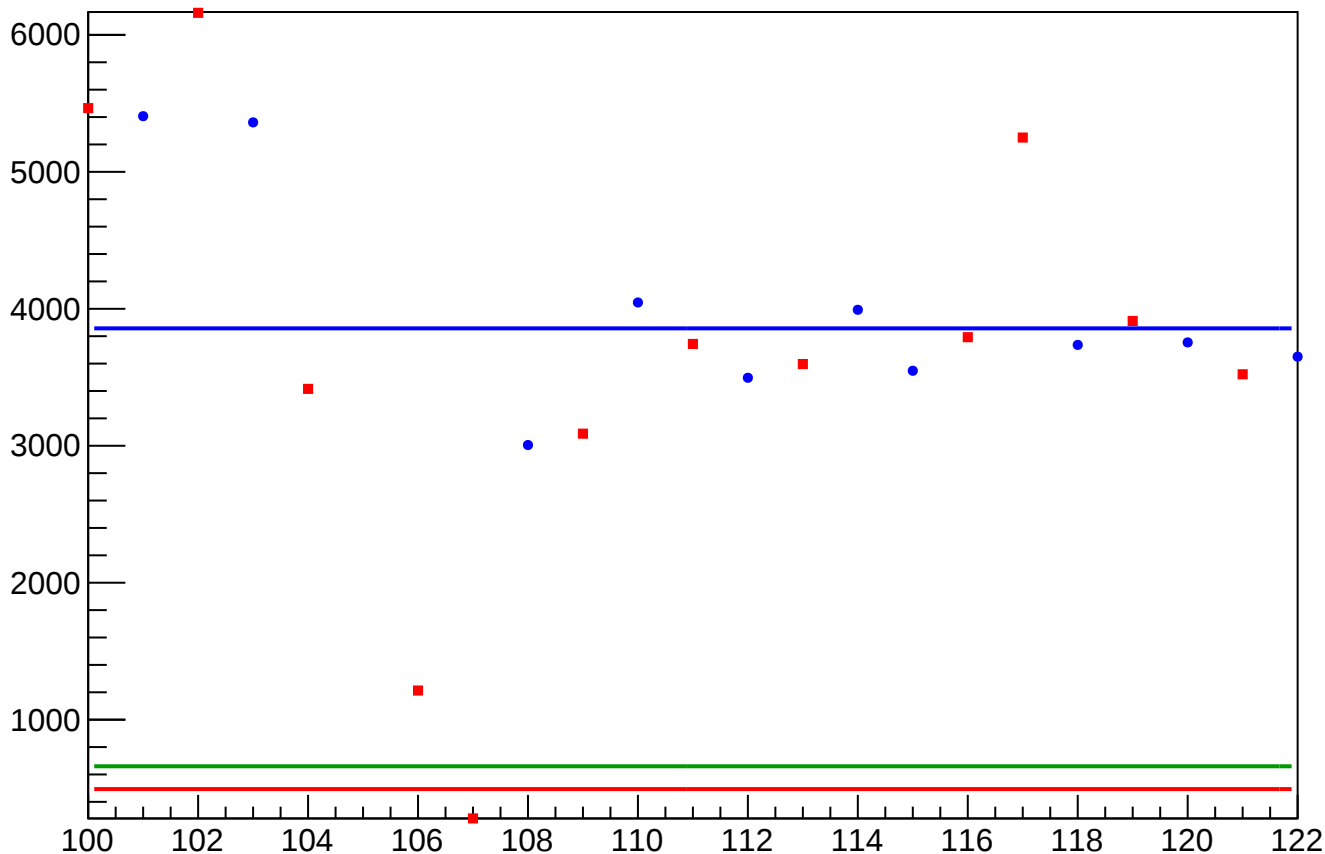
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1270.795+/-2017.929 χ^2/NDF : 8.0/9

464.875+/-448.998 χ^2/NDF : 20.7/21

422.897+/-460.543 χ^2/NDF : 12.5/11

asym_atl1r2_dd_correction_rms vs Slug, Sign Corrected



Right In: 3857.163+/-1.427 χ^2/NDF : 264118.3/9

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

Right Out: 493.224+/-0.326 χ^2/NDF : 6009036.6/11

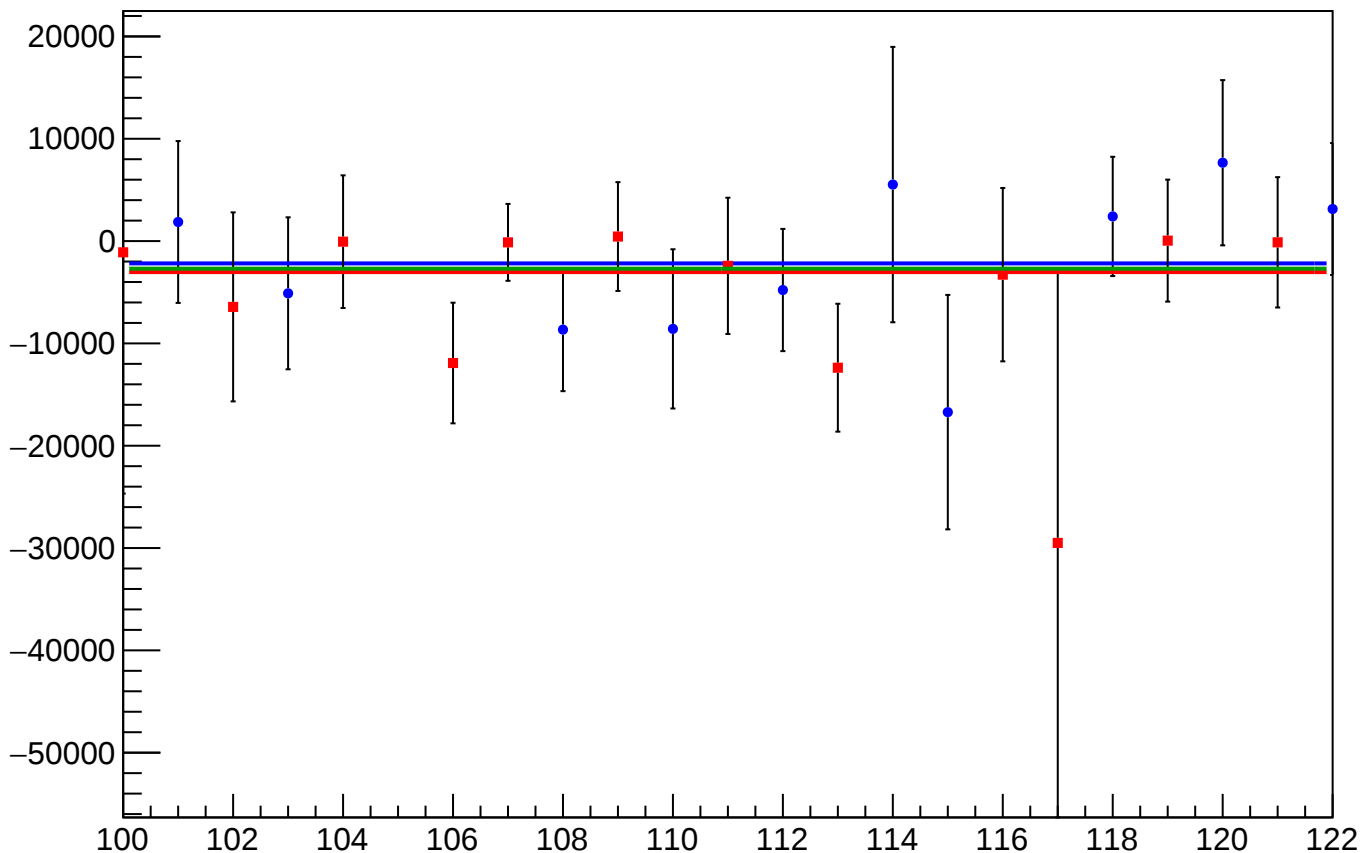
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3857.163+/-1.427 χ^2/NDF : 264118.3/9

659.766+/-0.317 χ^2/NDF : 11555936.7/21

493.224+/-0.326 χ^2/NDF : 6009036.6/11

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -2181.446+/-2304.641 χ^2/NDF : 7.2/9

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

Right Out: -3030.796+/-1861.543 χ^2/NDF : 7.3/11

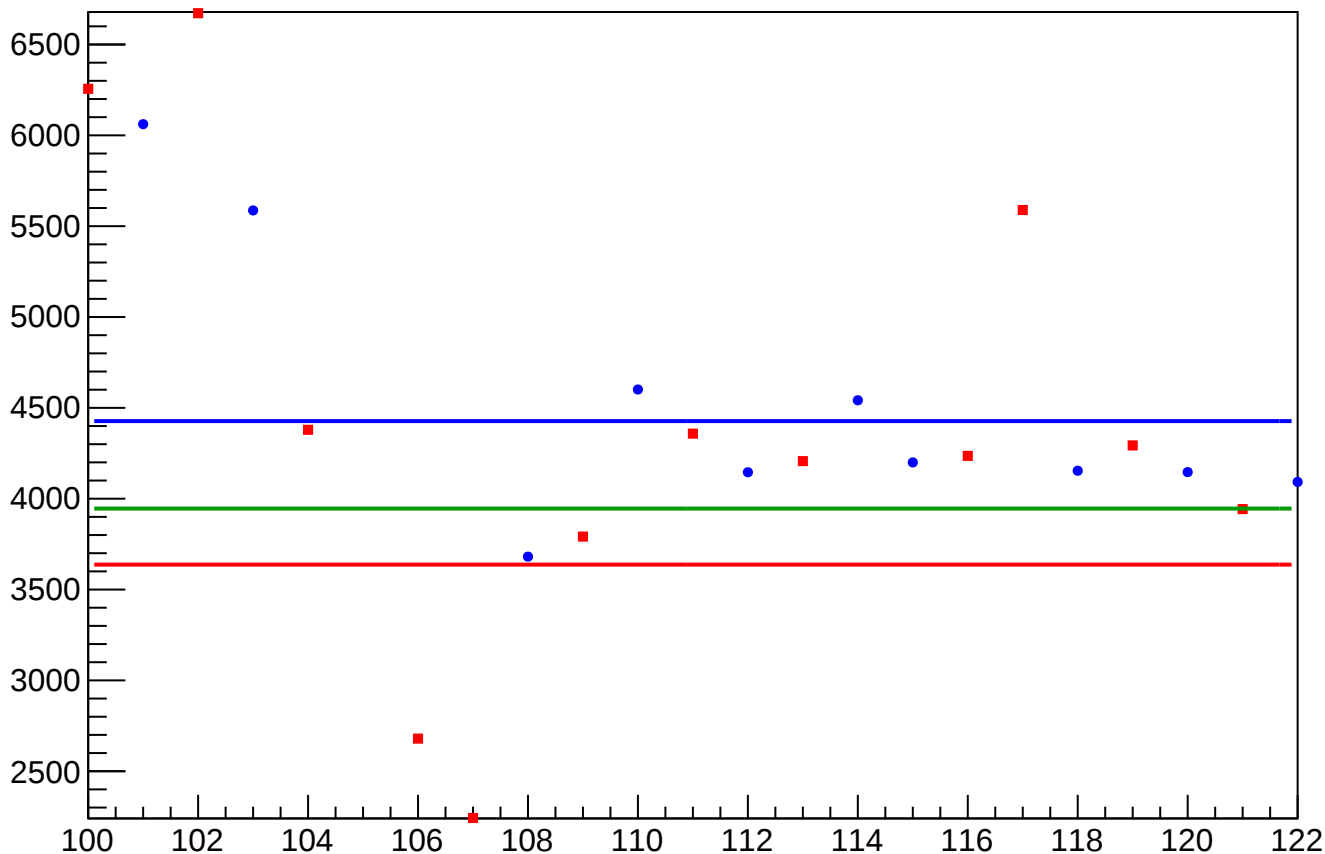
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2181.446+/-2304.641 χ^2/NDF : 7.2/9

-2695.444+/-1448.140 χ^2/NDF : 14.6/21

-3030.796+/-1861.543 χ^2/NDF : 7.3/11

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 4427.128+/-1.630 χ^2/NDF : 183529.7/9

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

Right Out: 3637.177+/-1.305 χ^2/NDF : 695721.1/11

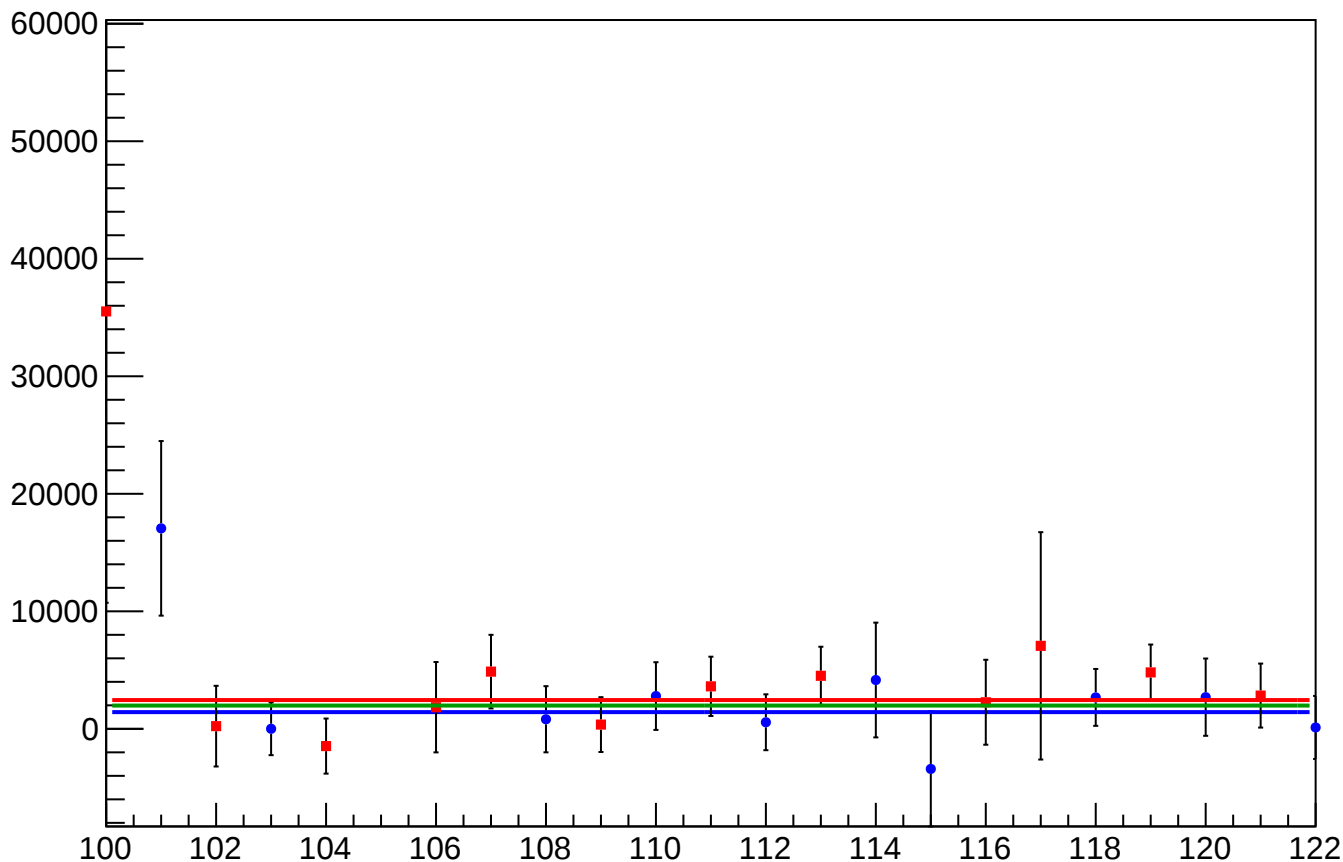
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4427.128+/-1.630 χ^2/NDF : 183529.7/9

3945.711+/-1.018 χ^2/NDF : 1022451.5/21

3637.177+/-1.305 χ^2/NDF : 695721.1/11

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1422.632+/-942.188 χ^2/NDF : 7.2/9

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

Right Out: 2449.242+/-862.946 χ^2/NDF : 8.6/11

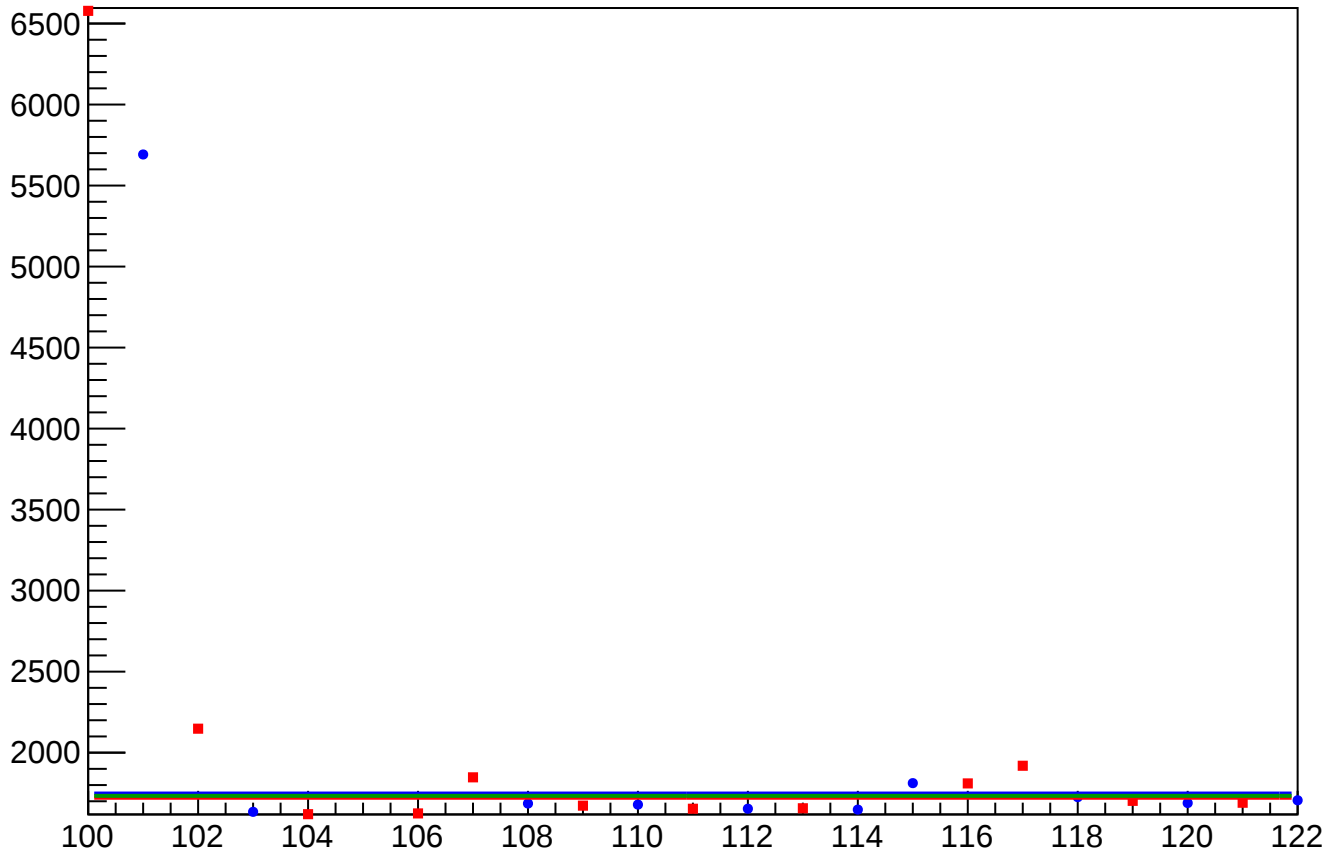
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1422.632+/-942.188 χ^2/NDF : 7.2/9

1980.917+/-636.369 χ^2/NDF : 16.4/21

2449.242+/-862.946 χ^2/NDF : 8.6/11

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1747.648+/-0.666 χ^2/NDF : 576661.5/9

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

Right Out: 1721.758+/-0.604 χ^2/NDF : 122497.1/11

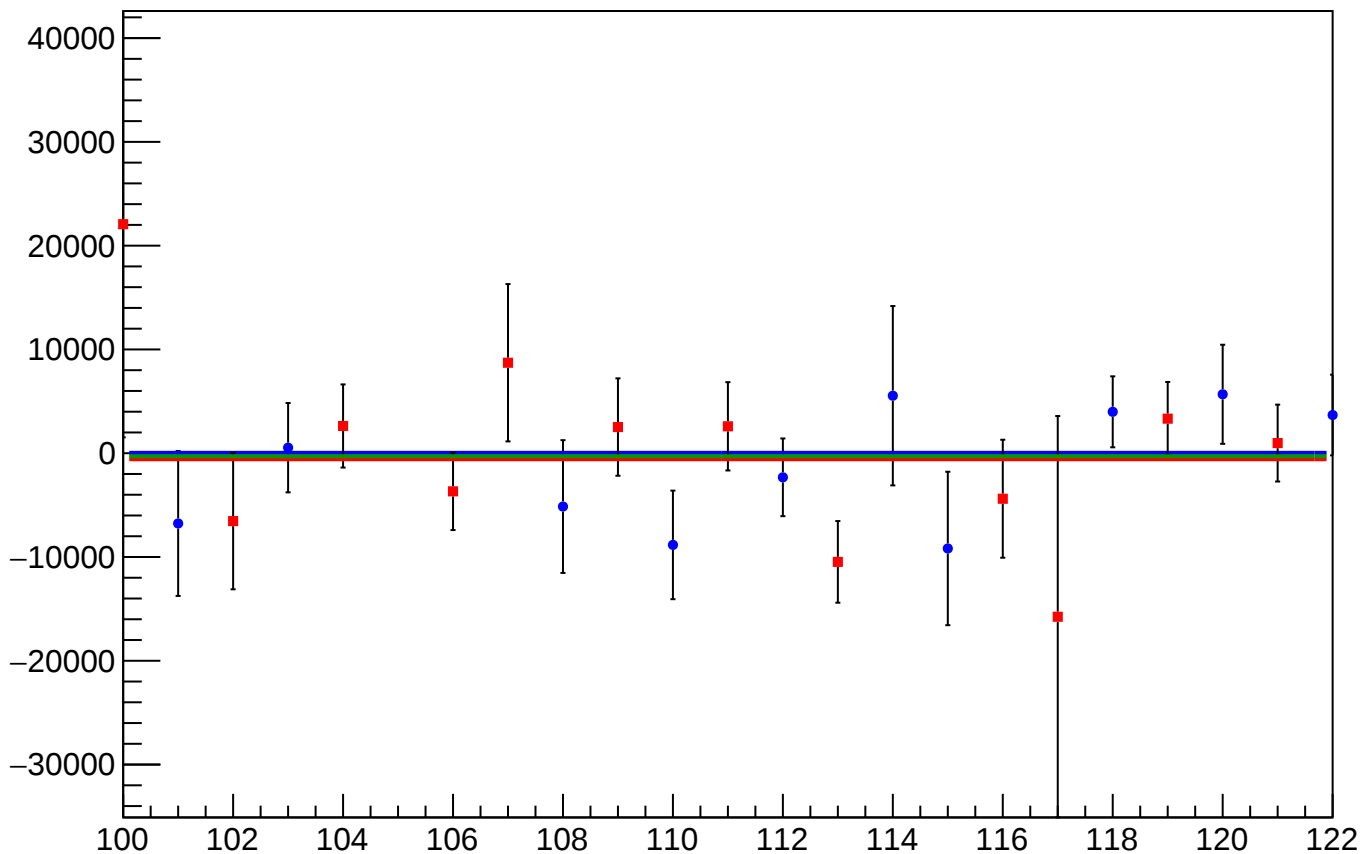
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1747.648+/-0.666 χ^2/NDF : 576661.5/9

1733.429+/-0.447 χ^2/NDF : 699988.0/21

1721.758+/-0.604 χ^2/NDF : 122497.1/11

asym_atr1l2_avg_correction_mean vs Slug, Sign Corrected



Right In: 37.024+/-1517.866 χ^2/NDF : 10.5/9

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

Right Out: -579.433+/-1375.168 χ^2/NDF : 14.6/11

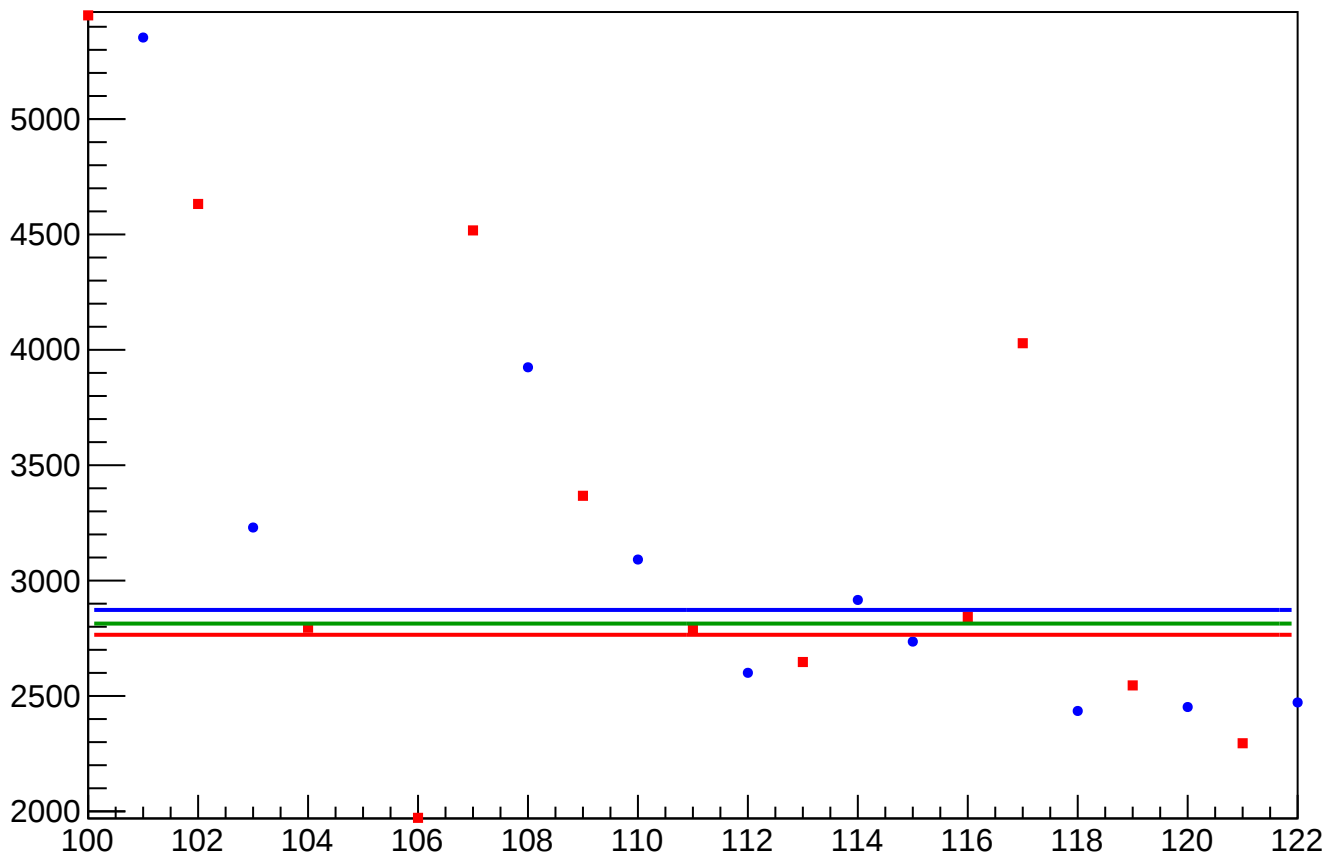
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

37.024+/-1517.866 χ^2/NDF : 10.5/9

-301.537+/-1019.114 χ^2/NDF : 25.2/21

-579.433+/-1375.168 χ^2/NDF : 14.6/11

asym_atr1l2_avg_correction_rms vs Slug, Sign Corrected



Right In: 2872.857+/-1.073 χ^2/NDF : 404467.2/9

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

Right Out: 2765.142+/-0.972 χ^2/NDF : 476424.3/11

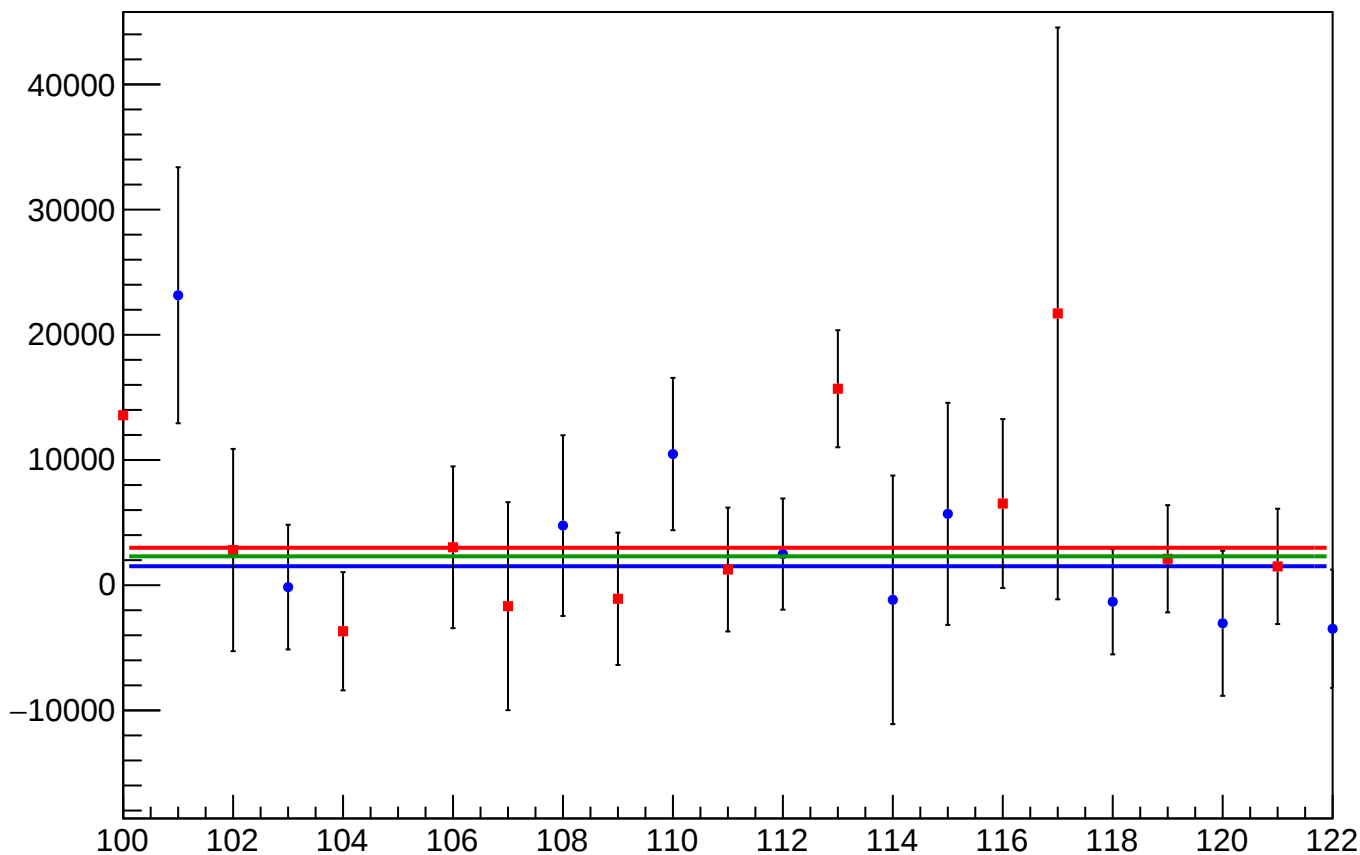
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2872.857+/-1.073 χ^2/NDF : 404467.2/9

2813.700+/-0.721 χ^2/NDF : 886423.1/21

2765.142+/-0.972 χ^2/NDF : 476424.3/11

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1514.175+/-1823.436 χ^2/NDF : 9.5/9

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

Right Out: 2991.616+/-1696.217 χ^2/NDF : 11.6/11

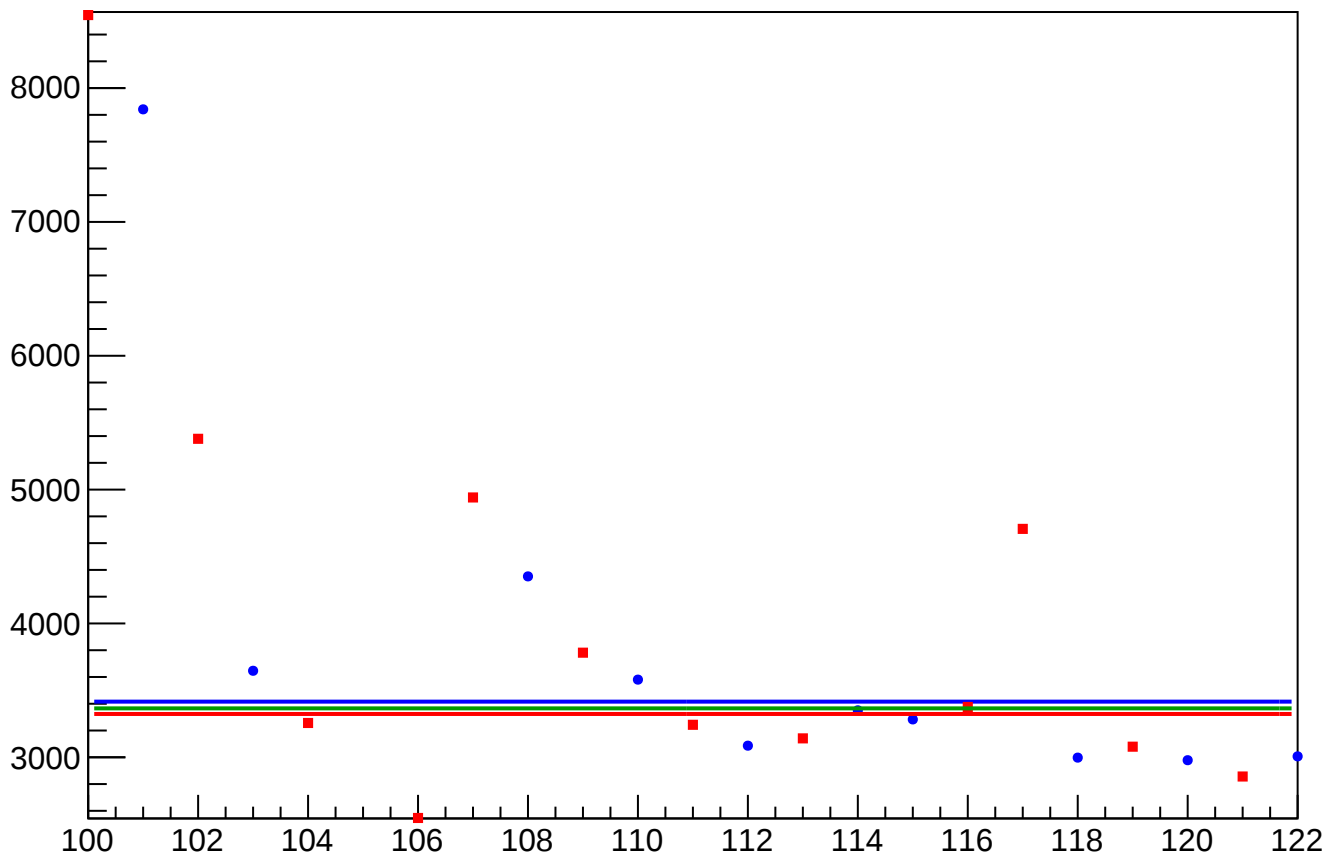
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1514.175+/-1823.436 χ^2/NDF : 9.5/9

2306.228+/-1241.949 χ^2/NDF : 21.5/21

2991.616+/-1696.217 χ^2/NDF : 11.6/11

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 3415.869+/-1.289 χ^2/NDF : 471626.2/9

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

Right Out: 3323.634+/-1.174 χ^2/NDF : 358579.3/11

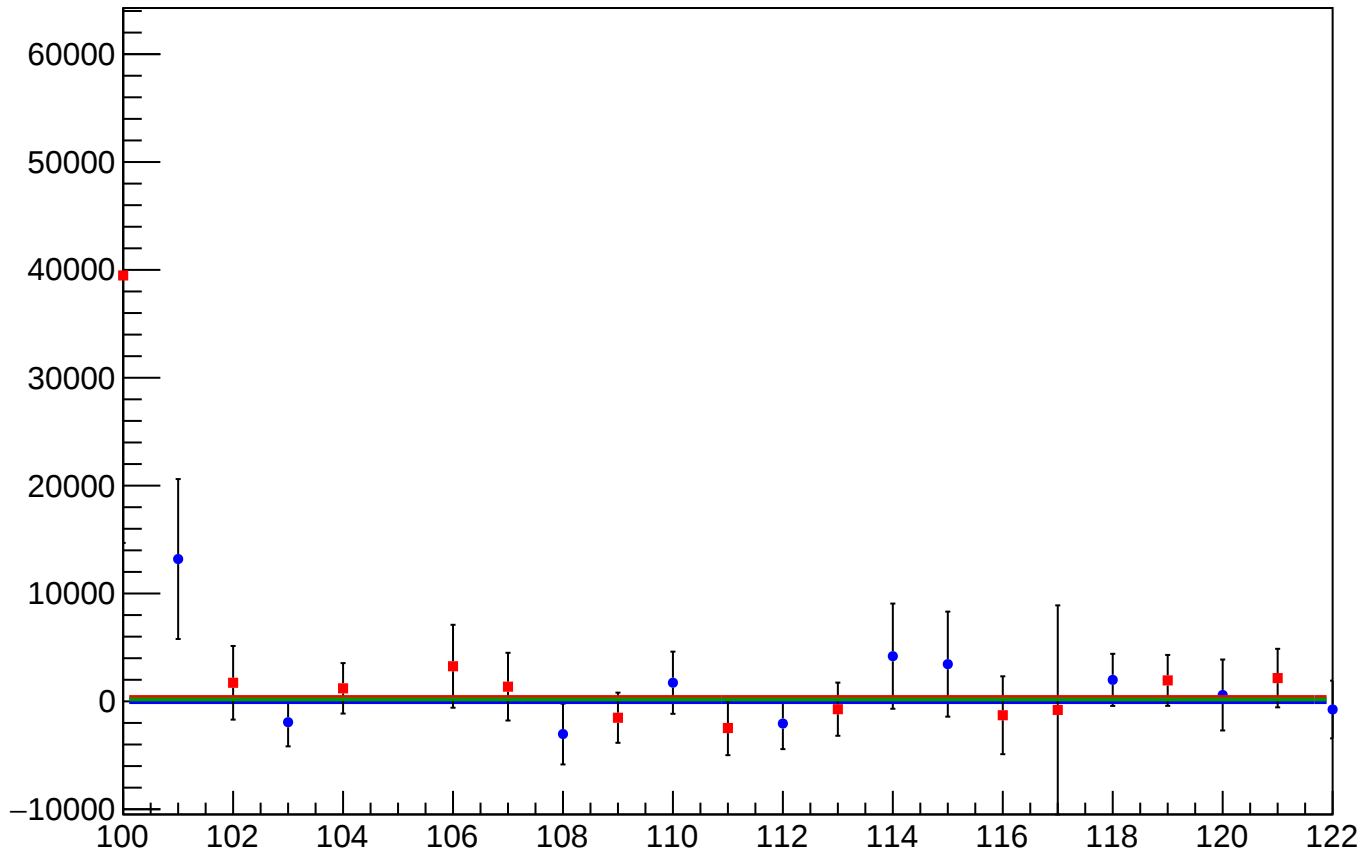
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3415.869+/-1.289 χ^2/NDF : 471626.2/9

3365.459+/-0.868 χ^2/NDF : 833002.4/21

3323.634+/-1.174 χ^2/NDF : 358579.3/11

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -63.694+/-940.765 χ^2/NDF : 8.2/9

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

Right Out: 396.803+/-860.808 χ^2/NDF : 6.7/11

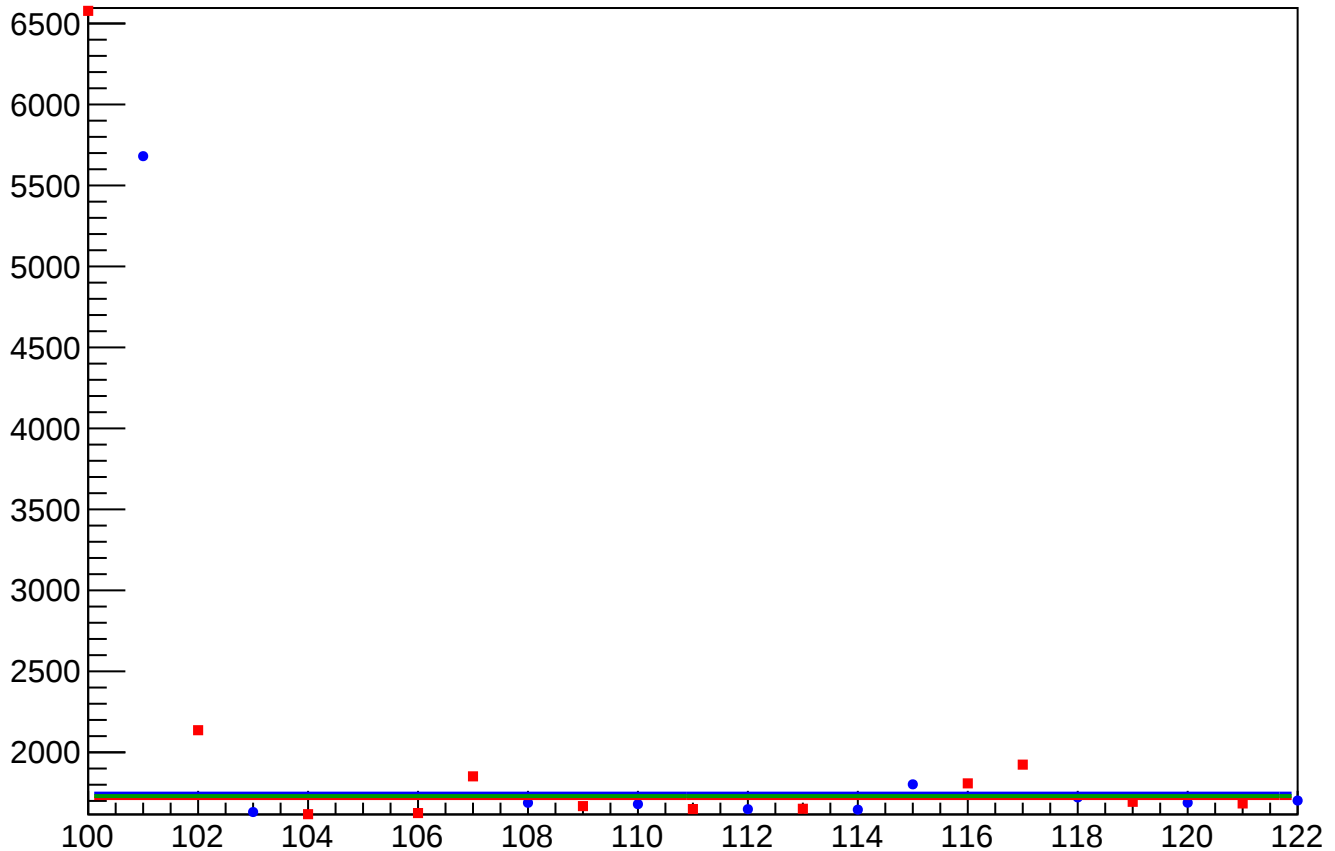
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-63.694+/-940.765 χ^2/NDF : 8.2/9

186.952+/-635.073 χ^2/NDF : 15.0/21

396.803+/-860.808 χ^2/NDF : 6.7/11

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1745.003+/-0.665 χ^2/NDF : 576309.9/9

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

Right Out: 1717.635+/-0.602 χ^2/NDF : 122376.7/11

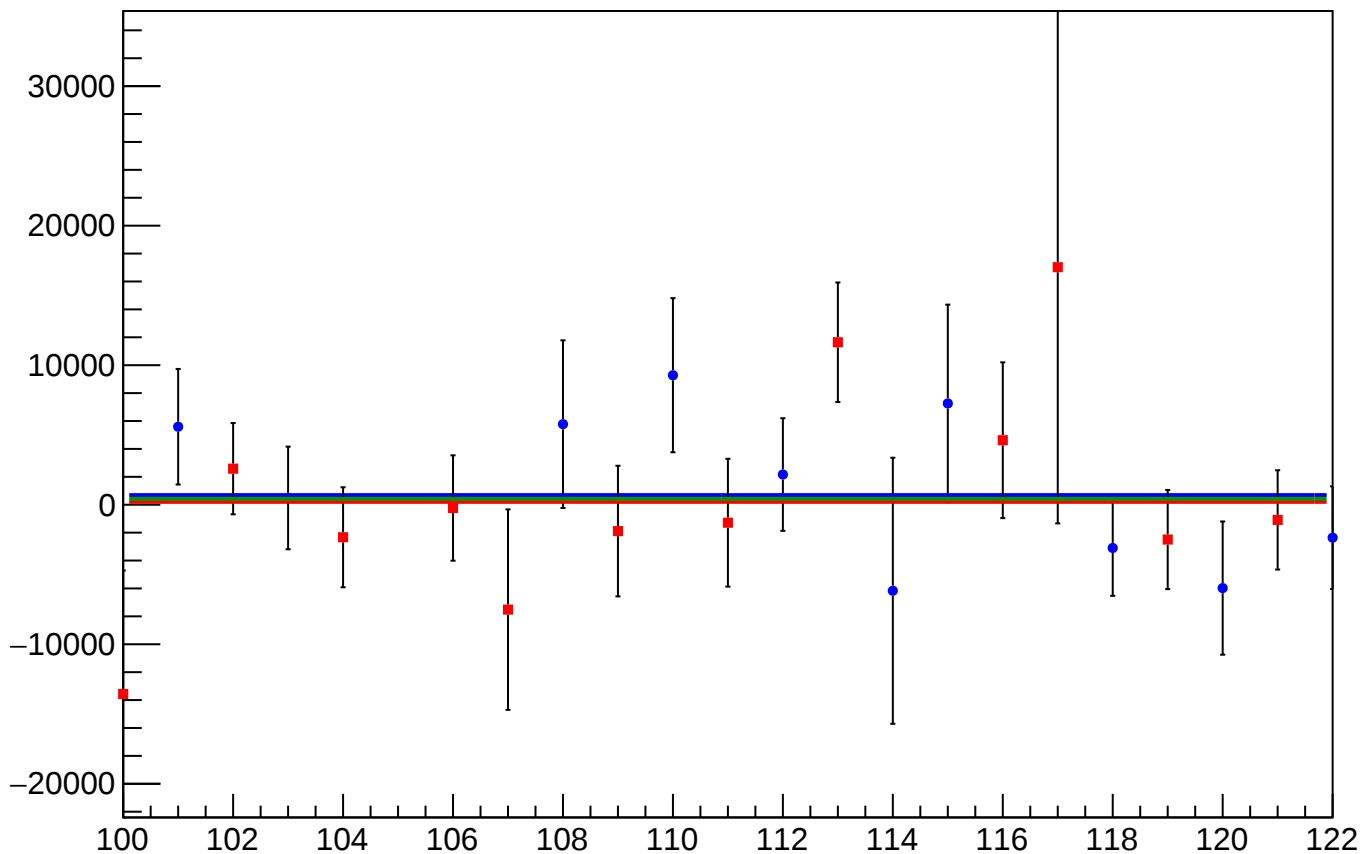
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1745.003+/-0.665 χ^2/NDF : 576309.9/9

1729.960+/-0.446 χ^2/NDF : 699617.1/21

1717.635+/-0.602 χ^2/NDF : 122376.7/11

asym_atr1l2_dd_correction_mean vs Slug, Sign Corrected



Right In: 689.305+/-1431.693 χ^2/NDF : 9.9/9

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

Right Out: 206.573+/-1275.596 χ^2/NDF : 14.2/11

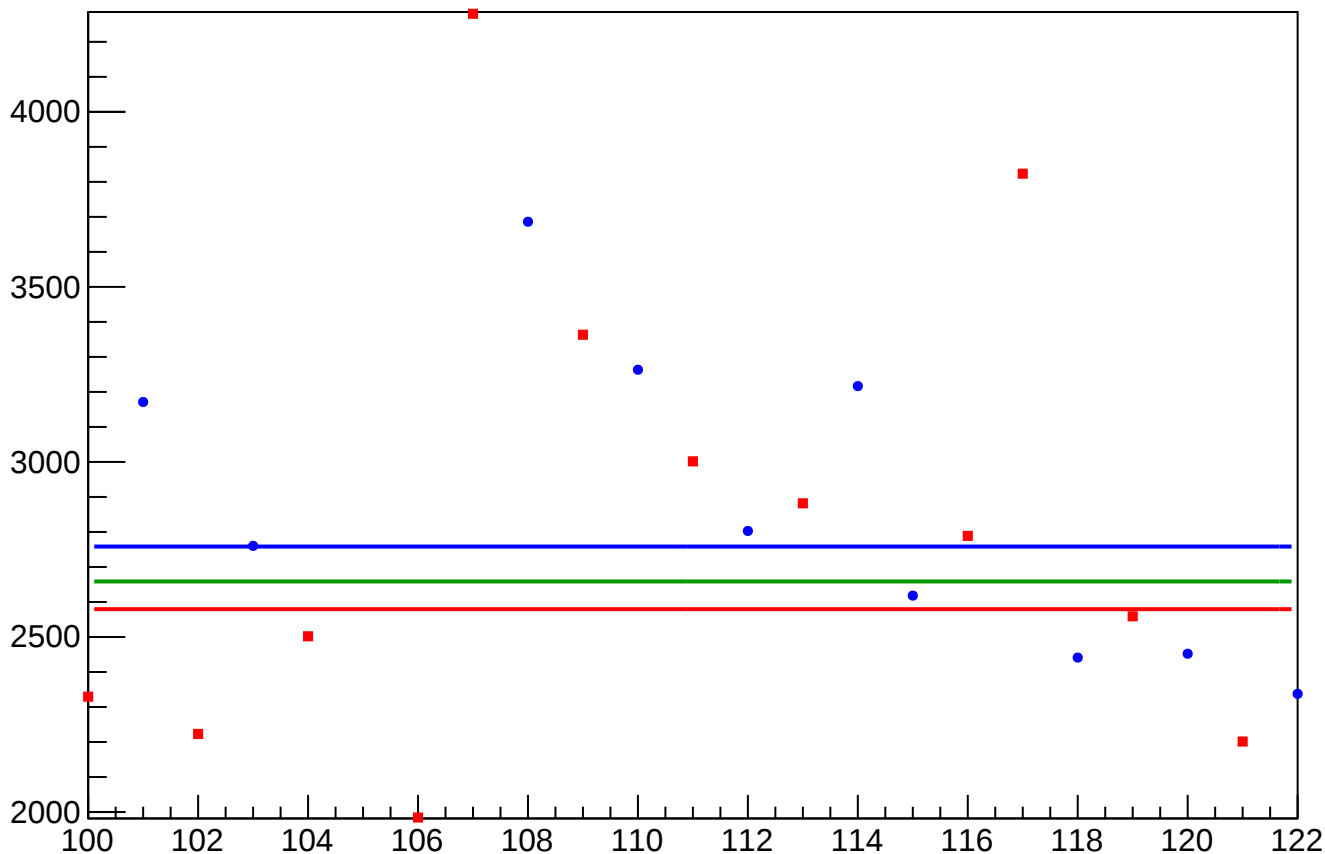
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

689.305+/-1431.693 χ^2/NDF : 9.9/9

420.198+/-952.407 χ^2/NDF : 24.2/21

206.573+/-1275.596 χ^2/NDF : 14.2/11

asym_atr1l2_dd_correction_rms vs Slug, Sign Corrected



Right In: 2758.368+/-1.012 χ^2/NDF : 141451.2/9

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

Right Out: 2579.462+/-0.902 χ^2/NDF : 305731.1/11

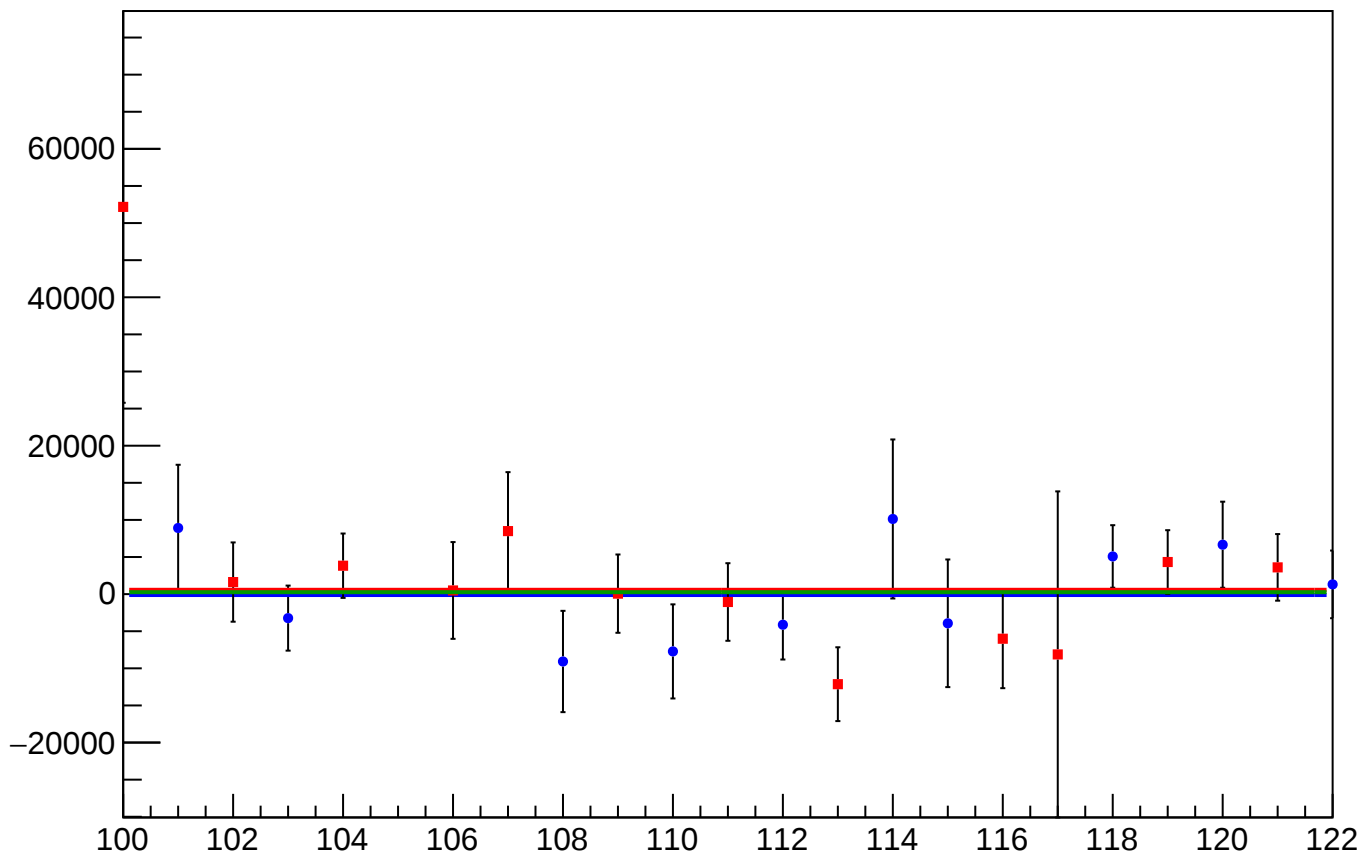
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2758.368+/-1.012 χ^2/NDF : 141451.2/9

2658.634+/-0.673 χ^2/NDF : 464592.4/21

2579.462+/-0.902 χ^2/NDF : 305731.1/11

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -121.280+/-1784.103 χ^2/NDF : 9.6/9

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

Right Out: 583.692+/-1642.762 χ^2/NDF : 14.4/11

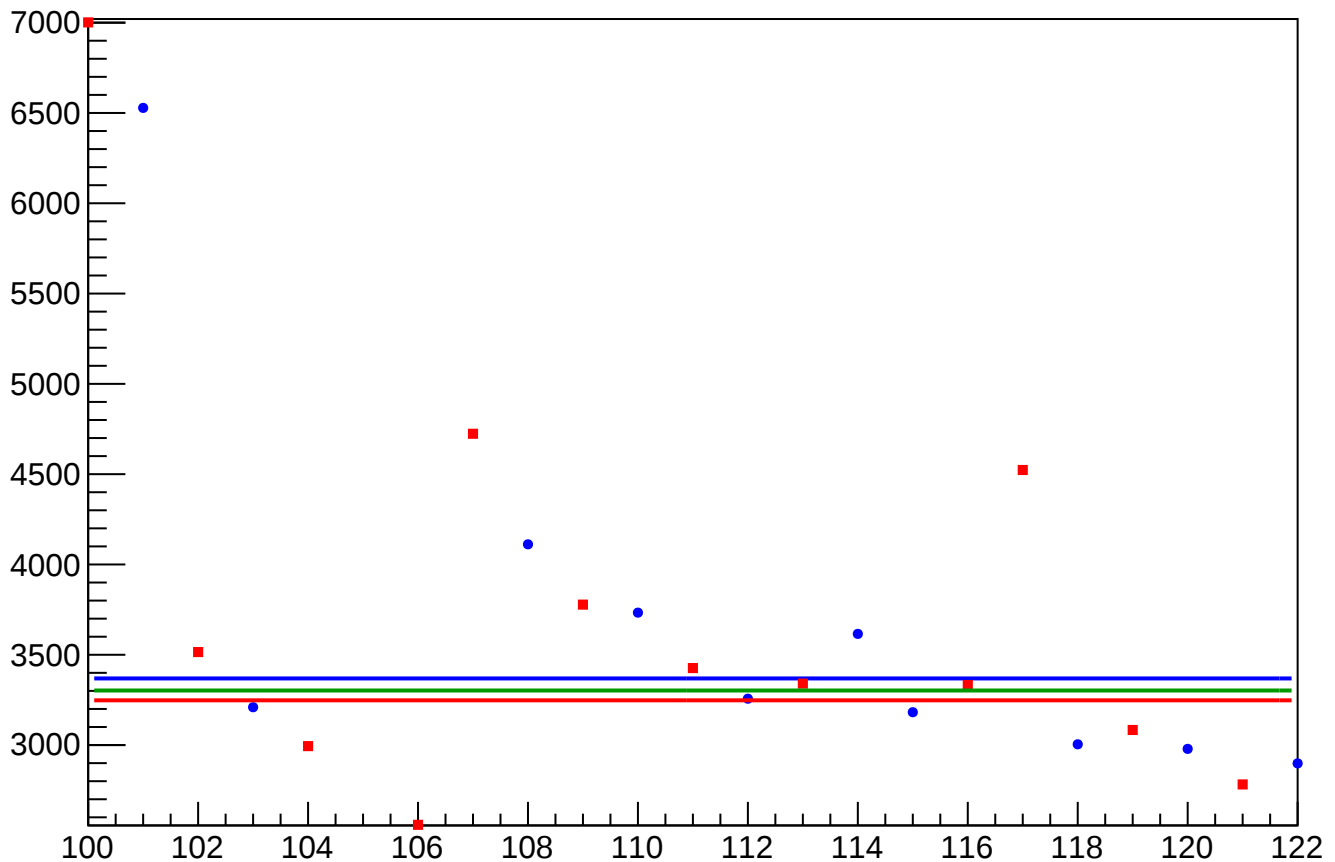
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-121.280+/-1784.103 χ^2/NDF : 9.6/9

260.233+/-1208.491 χ^2/NDF : 24.1/21

583.692+/-1642.762 χ^2/NDF : 14.4/11

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3368.979+/-1.262 χ^2/NDF : 356614.4/9

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

Right Out: 3247.793+/-1.139 χ^2/NDF : 212591.1/11

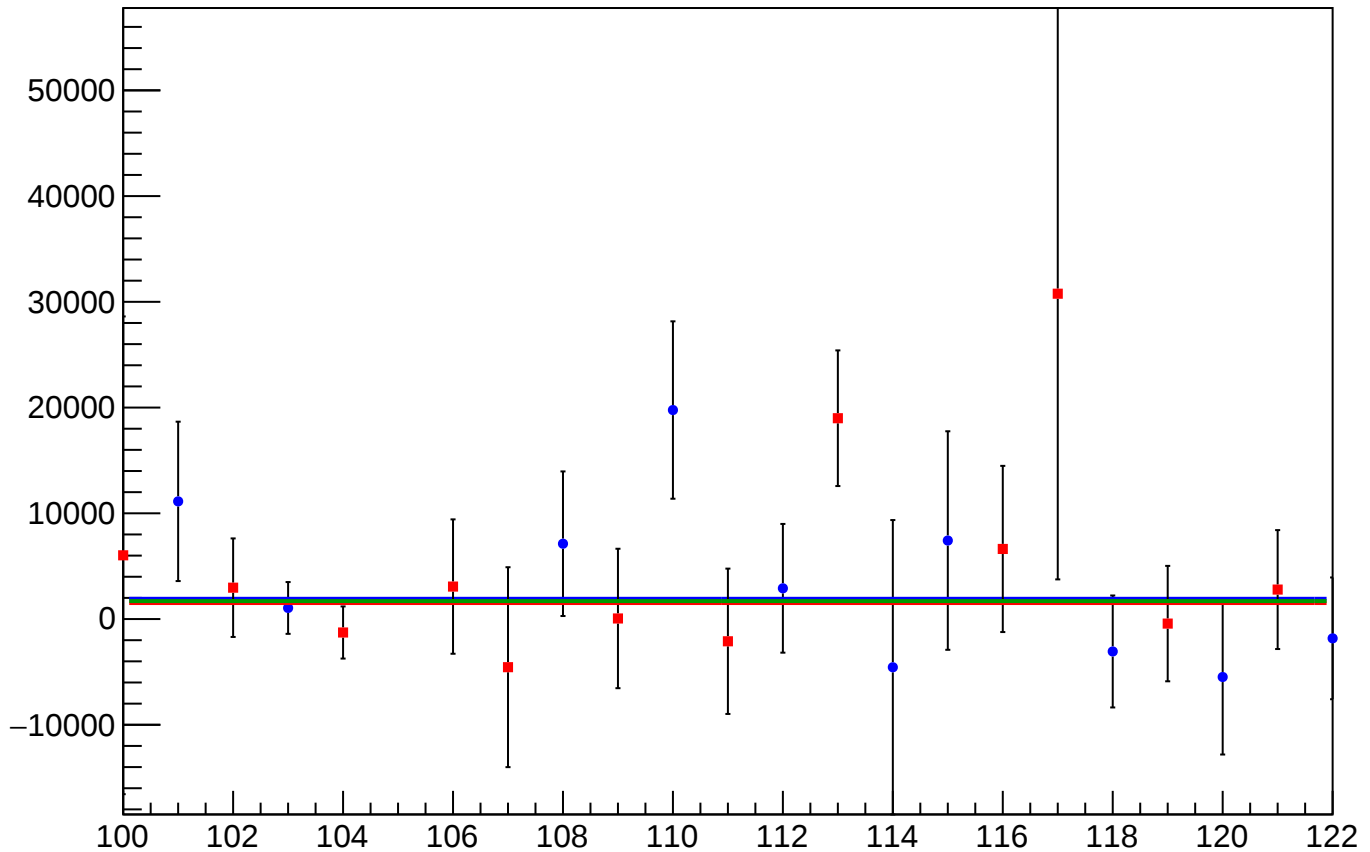
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3368.979+/-1.262 χ^2/NDF : 356614.4/9

3302.211+/-0.845 χ^2/NDF : 574289.7/21

3247.793+/-1.139 χ^2/NDF : 212591.1/11

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 1914.595+/-1700.191 χ^2/NDF : 9.6/9

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

Right Out: 1515.449+/-1581.659 χ^2/NDF : 11.4/11

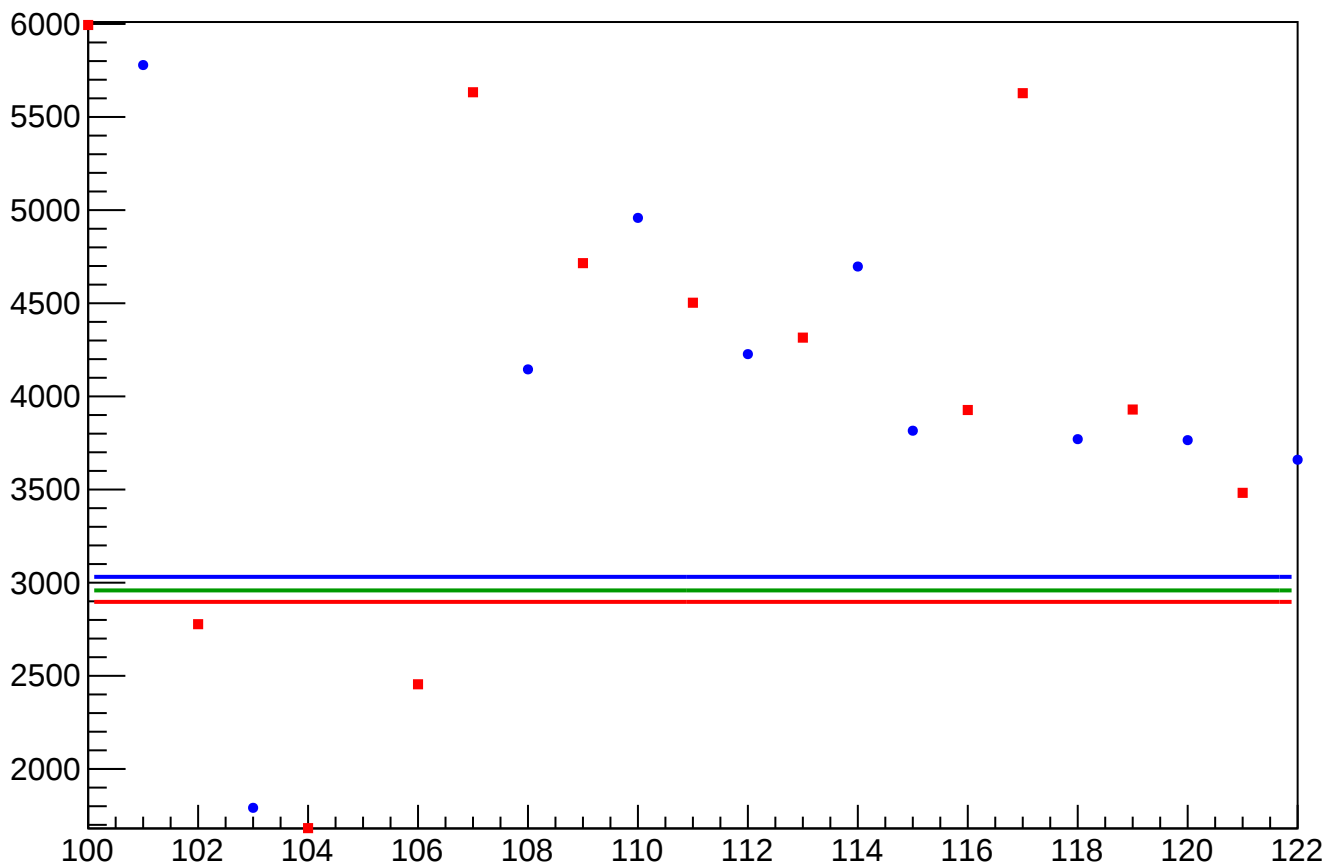
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1914.595+/-1700.191 χ^2/NDF : 9.6/9

1700.624+/-1158.041 χ^2/NDF : 21.0/21

1515.449+/-1581.659 χ^2/NDF : 11.4/11

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3031.318+/-1.202 χ^2/NDF : 1137443.3/9

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

Right Out: 2896.983+/-1.105 χ^2/NDF : 1212489.3/11

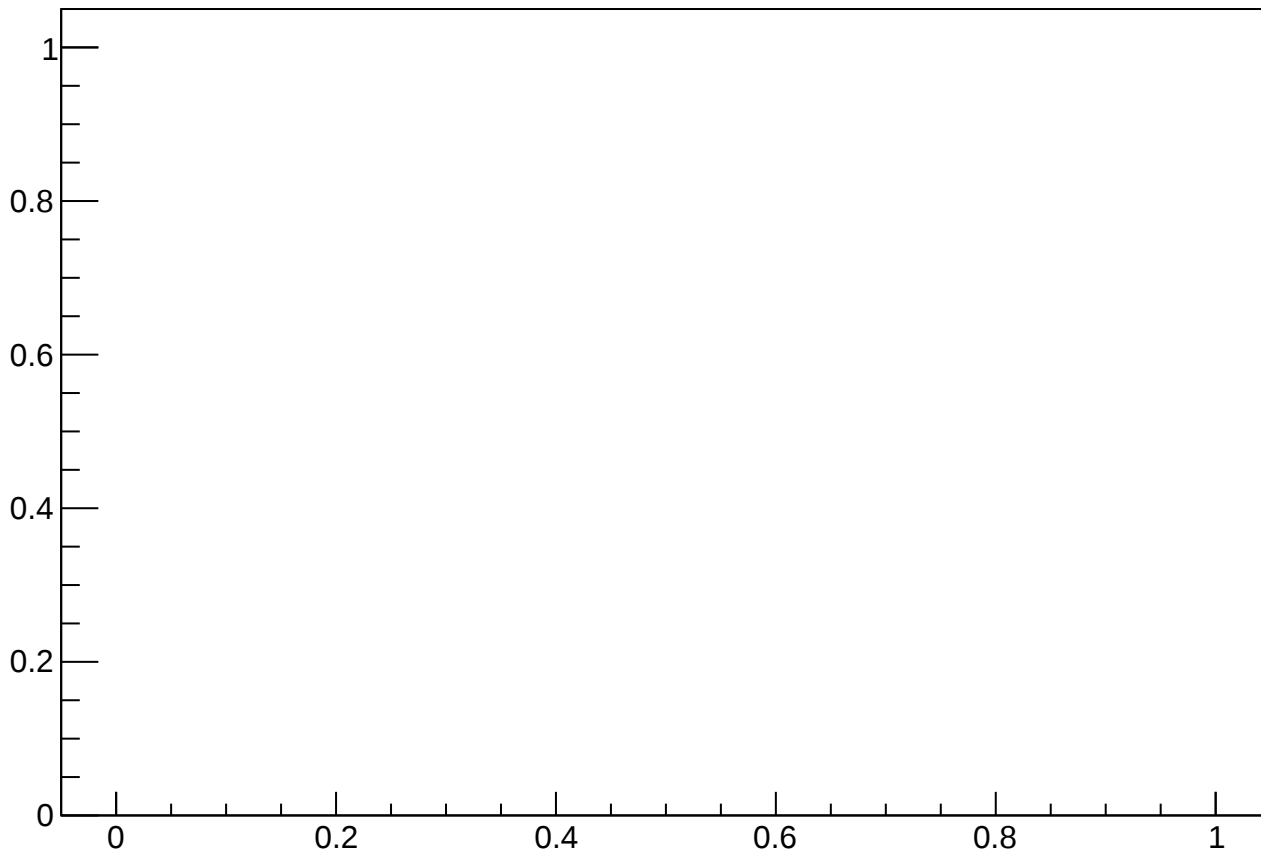
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3031.318+/-1.202 χ^2/NDF : 1137443.3/9

2958.507+/-0.814 χ^2/NDF : 2356700.5/21

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

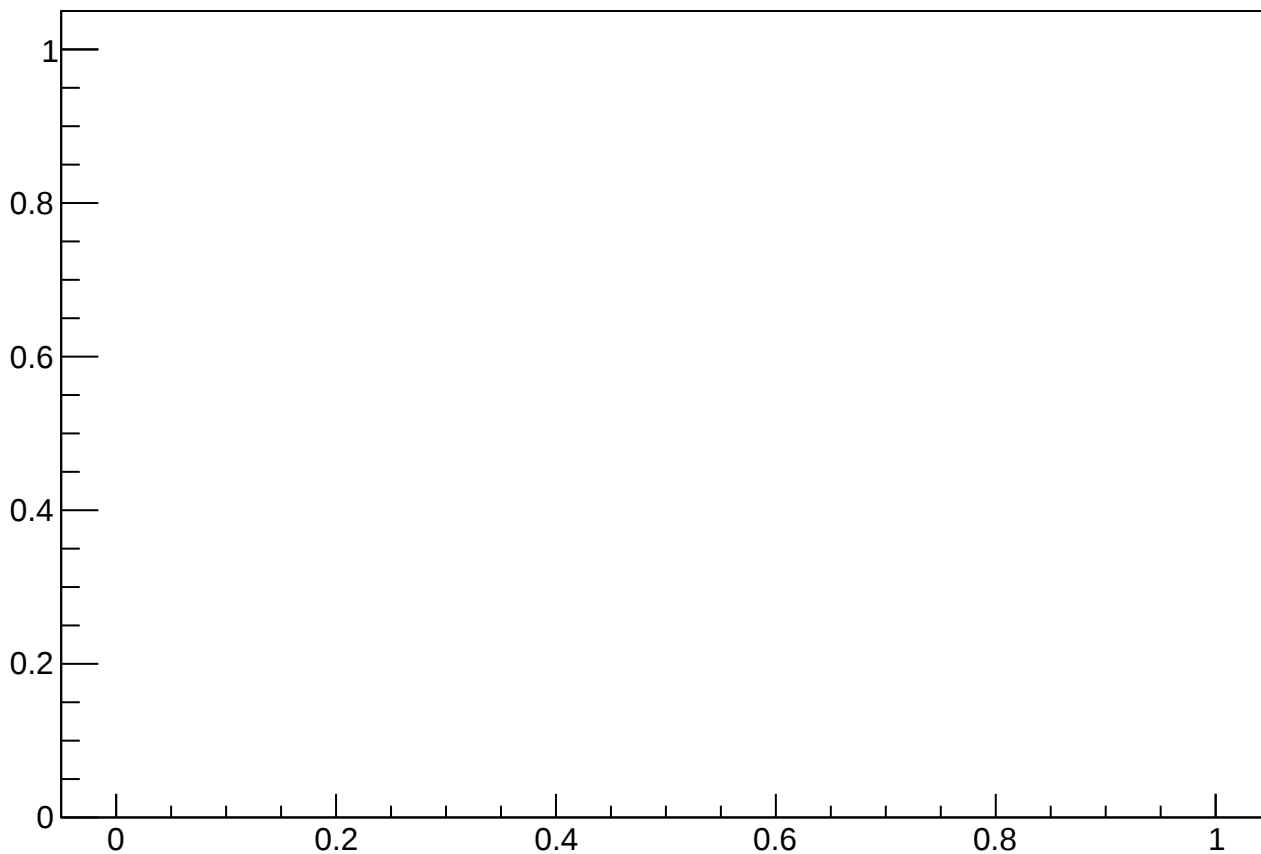
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

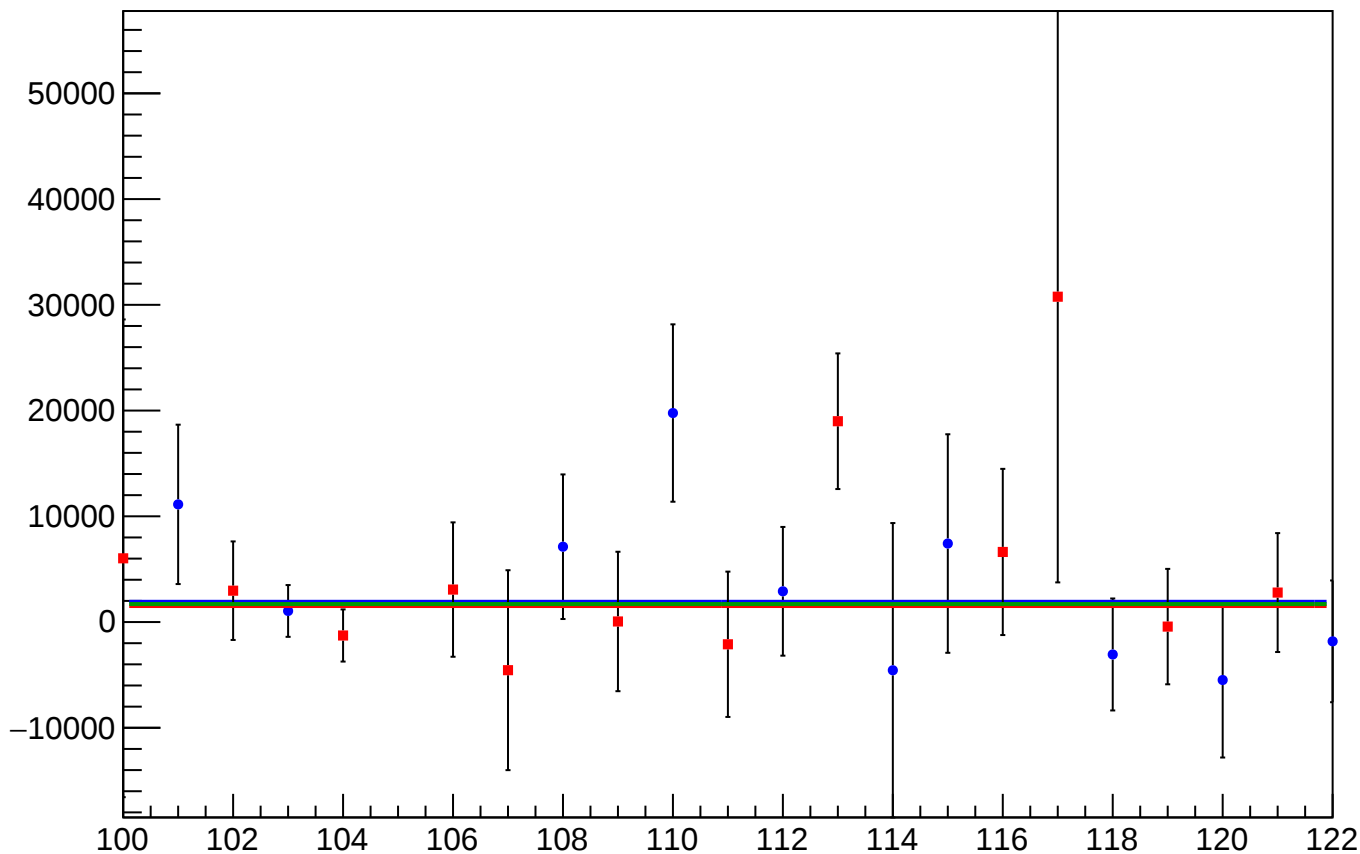
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1914.595+/-1700.191 χ^2/NDF : 9.6/9

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

Right Out: 1515.449+/-1581.659 χ^2/NDF : 11.4/11

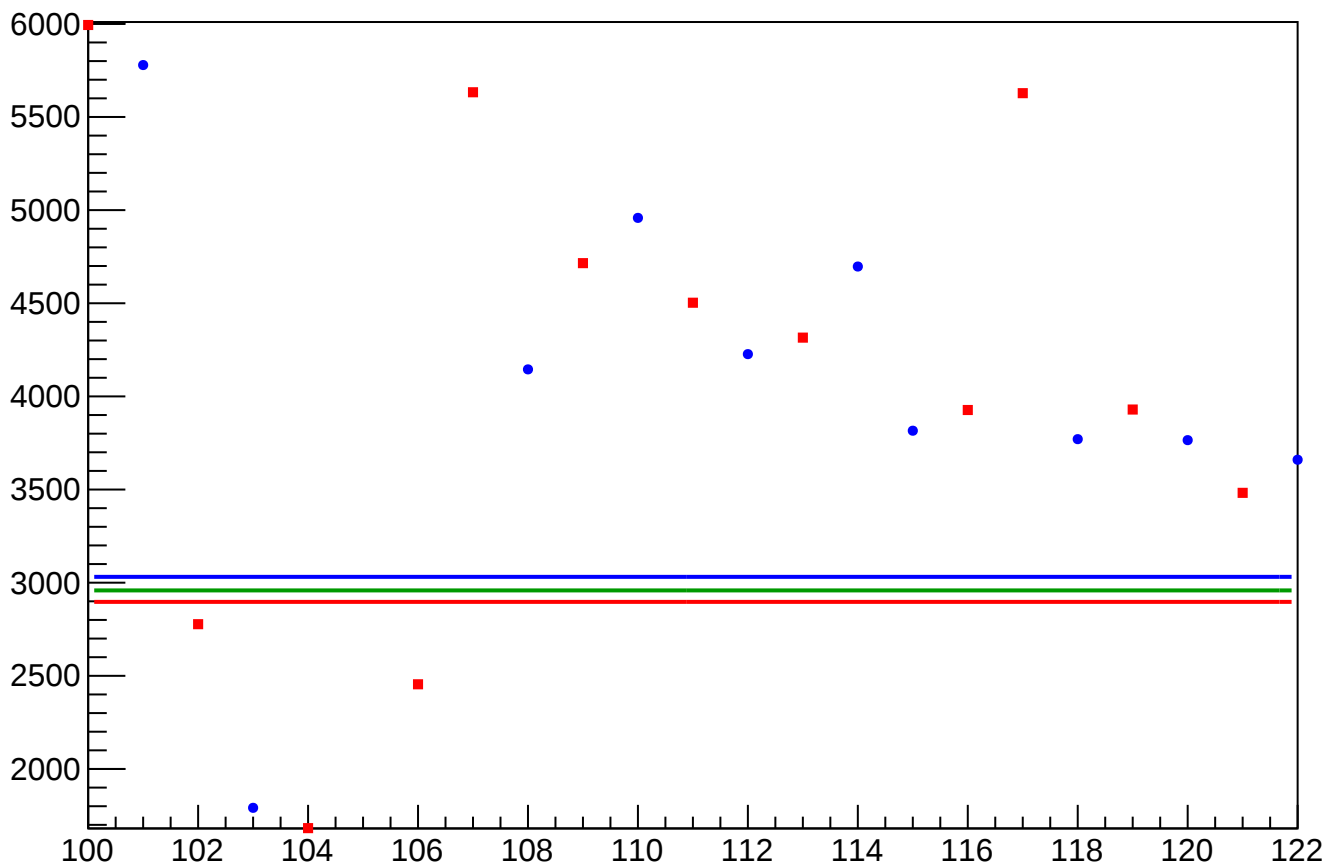
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1914.595+/-1700.191 χ^2/NDF : 9.6/9

1700.624+/-1158.041 χ^2/NDF : 21.0/21

1515.449+/-1581.659 χ^2/NDF : 11.4/11

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3031.318+/-1.202 χ^2/NDF : 1137443.3/9

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

Right Out: 2896.983+/-1.105 χ^2/NDF : 1212489.3/11

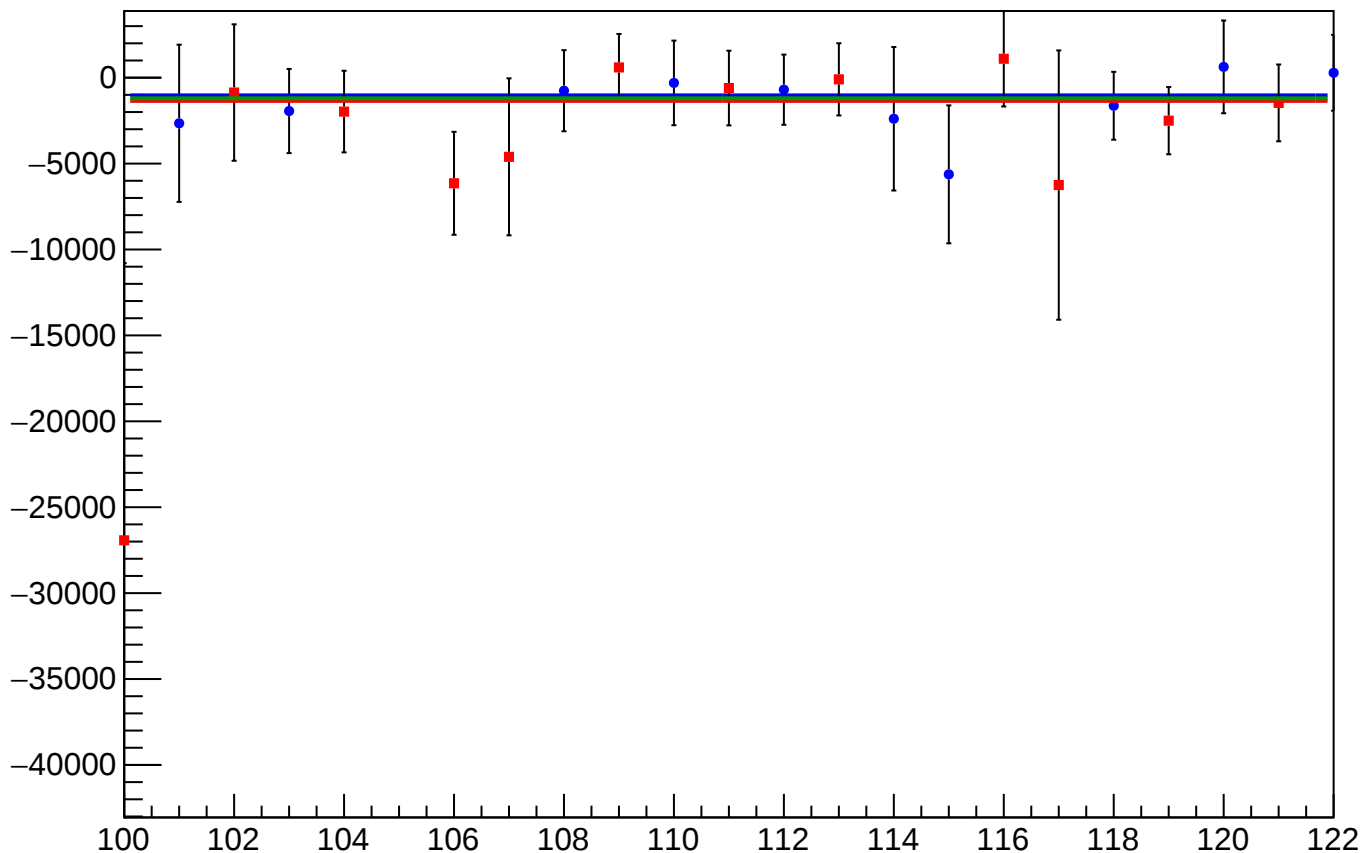
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3031.318+/-1.202 χ^2/NDF : 1137443.3/9

2958.507+/-0.814 χ^2/NDF : 2356700.5/21

2896.983+/-1.105 χ^2/NDF : 1212489.3/11

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1031.872+/-812.146 χ^2/NDF : 2.6/9

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

Right Out: -1349.552+/-764.121 χ^2/NDF : 8.7/11

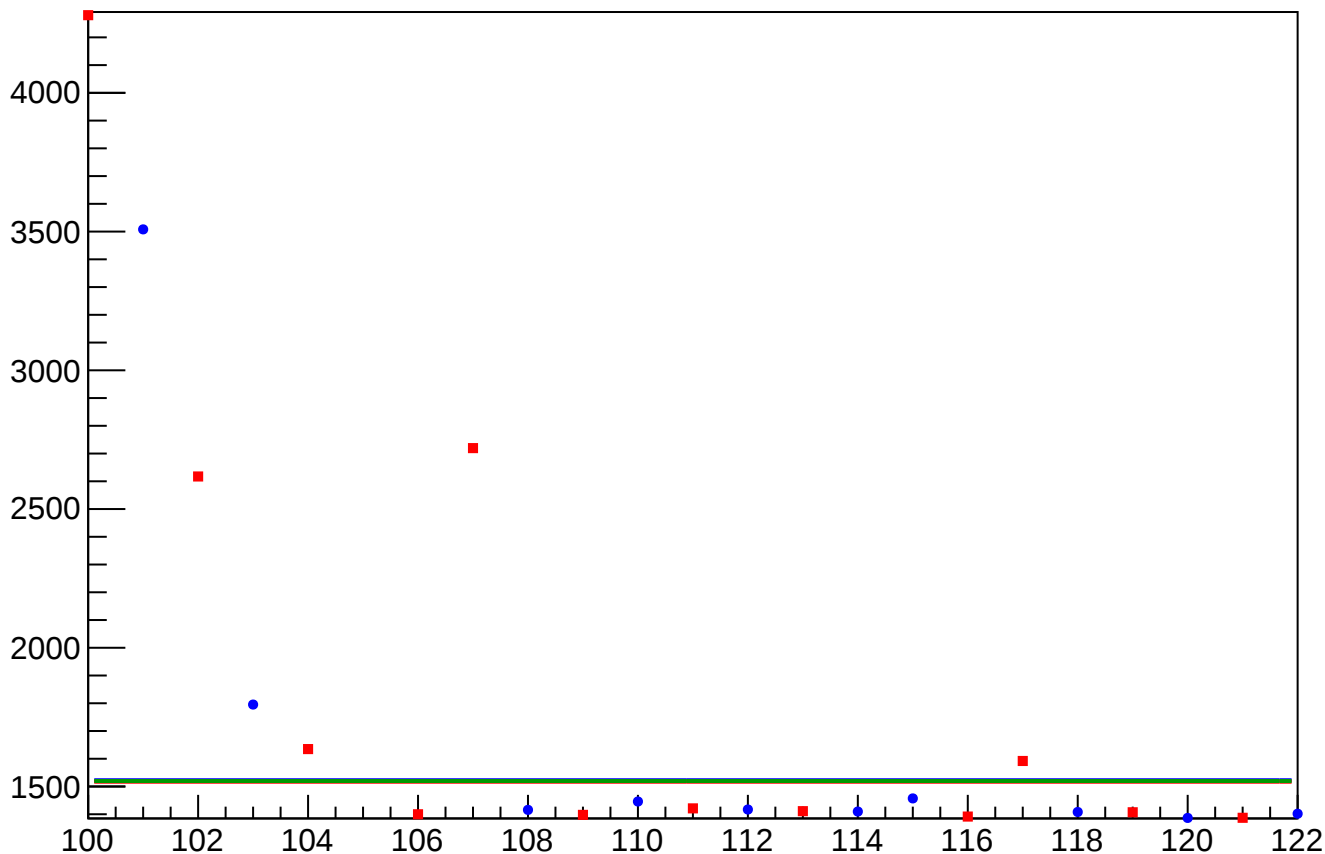
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1031.872+/-812.146 χ^2/NDF : 2.6/9

-1200.382+/-556.519 χ^2/NDF : 11.4/21

-1349.552+/-764.121 χ^2/NDF : 8.7/11

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1522.585 $\pm$ 0.574 χ^2 /NDF: 432582.5/9

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

Right Out: 1517.272 $\pm$ 0.540 χ^2 /NDF: 392593.9/11

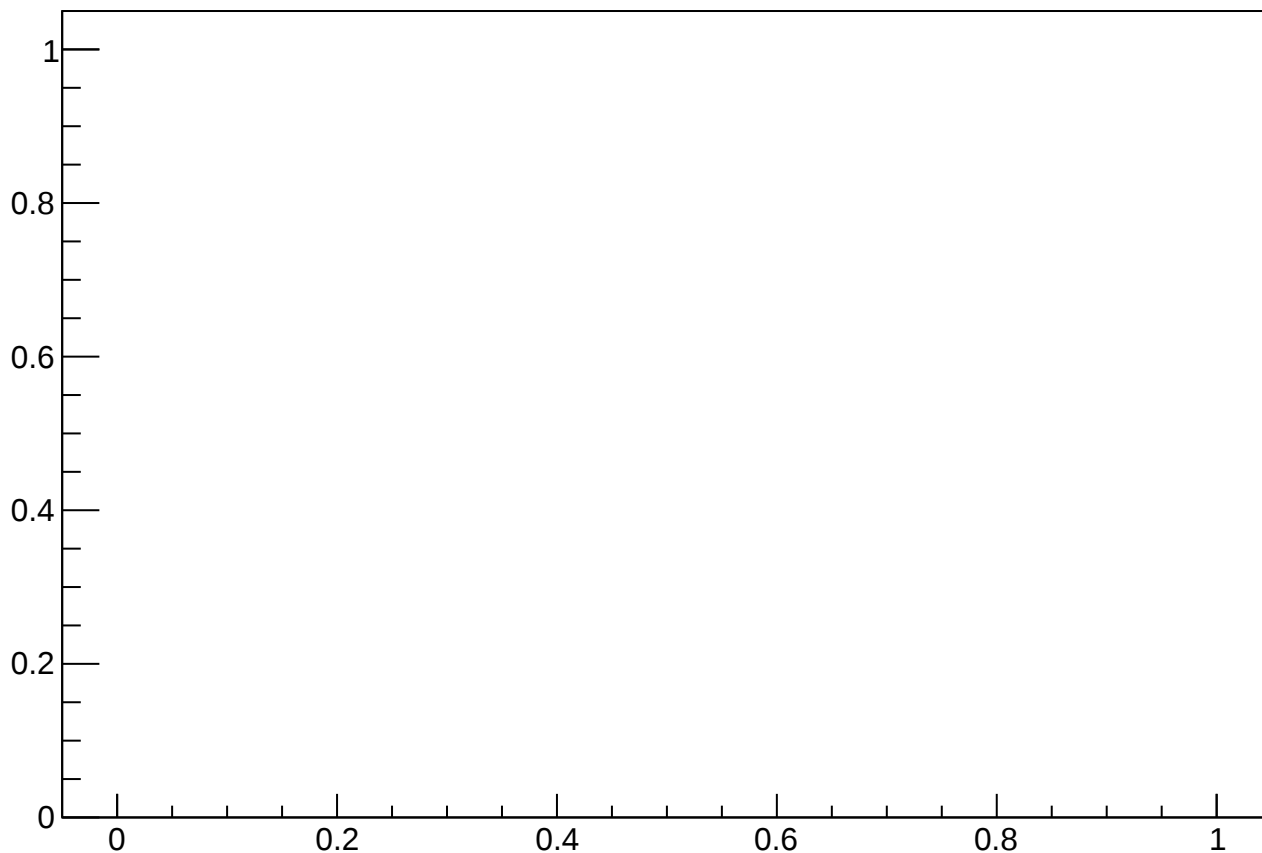
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1522.585 $\pm$ 0.574 χ^2 /NDF: 432582.5/9

1519.767 $\pm$ 0.394 χ^2 /NDF: 825221.8/21

1517.272 $\pm$ 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

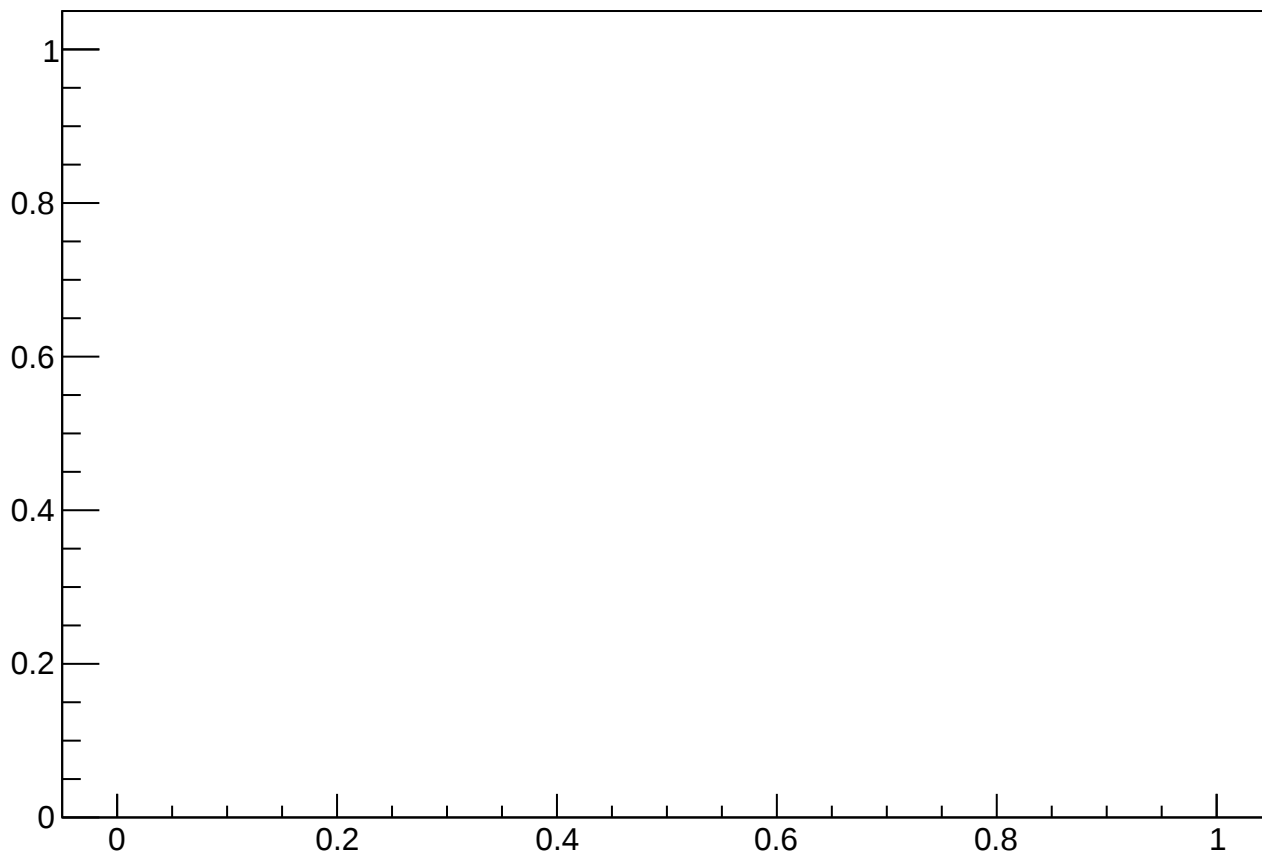
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

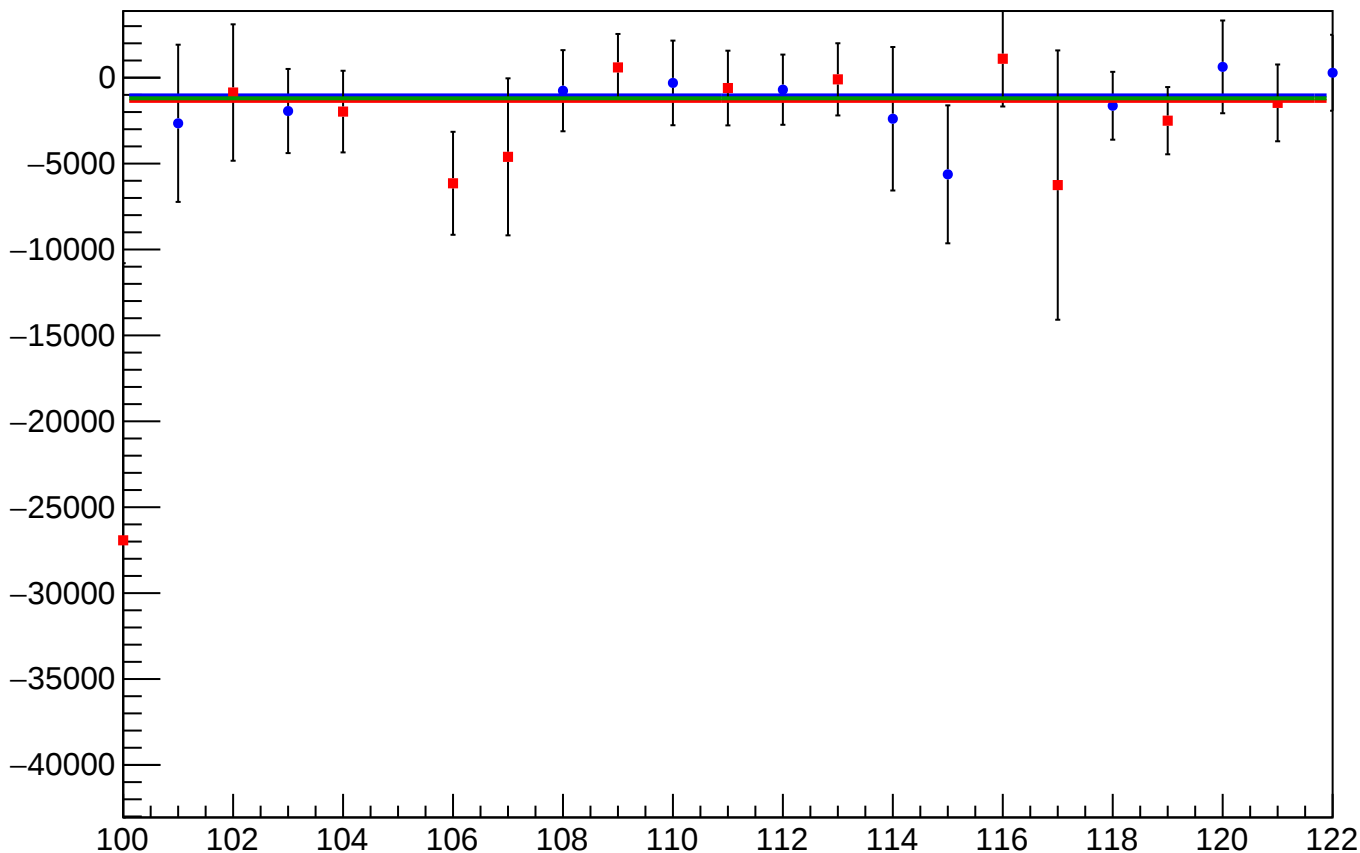
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -1031.872 $\pm$ 812.146 χ^2 /NDF: 2.6/9

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

Right Out: -1349.552 $\pm$ 764.121 χ^2 /NDF: 8.7/11

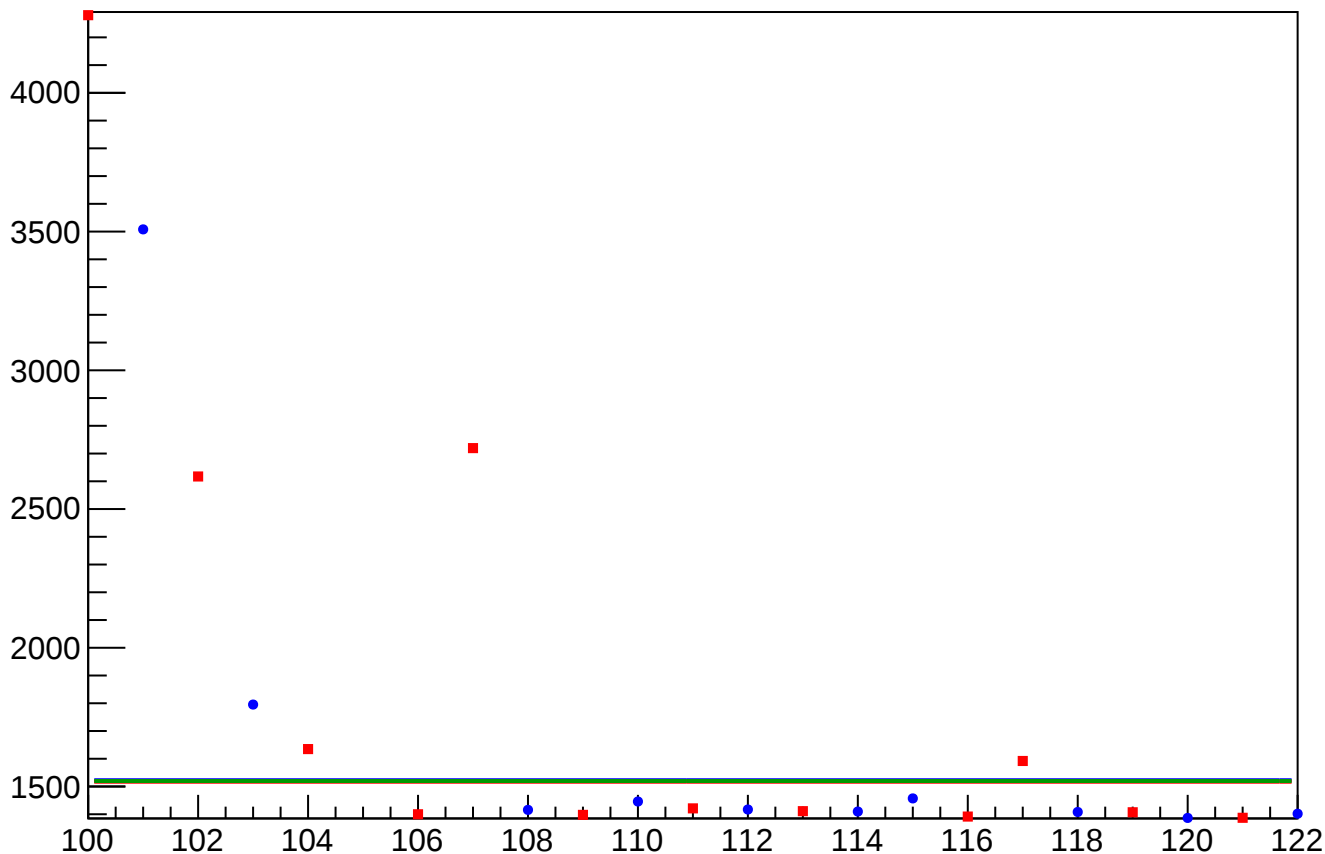
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-1031.872 $\pm$ 812.146 χ^2 /NDF: 2.6/9

-1200.382 $\pm$ 556.519 χ^2 /NDF: 11.4/21

-1349.552 $\pm$ 764.121 χ^2 /NDF: 8.7/11

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1522.585+/-0.574 χ^2/NDF : 432582.5/9

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

Right Out: 1517.272+/-0.540 χ^2/NDF : 392593.9/11

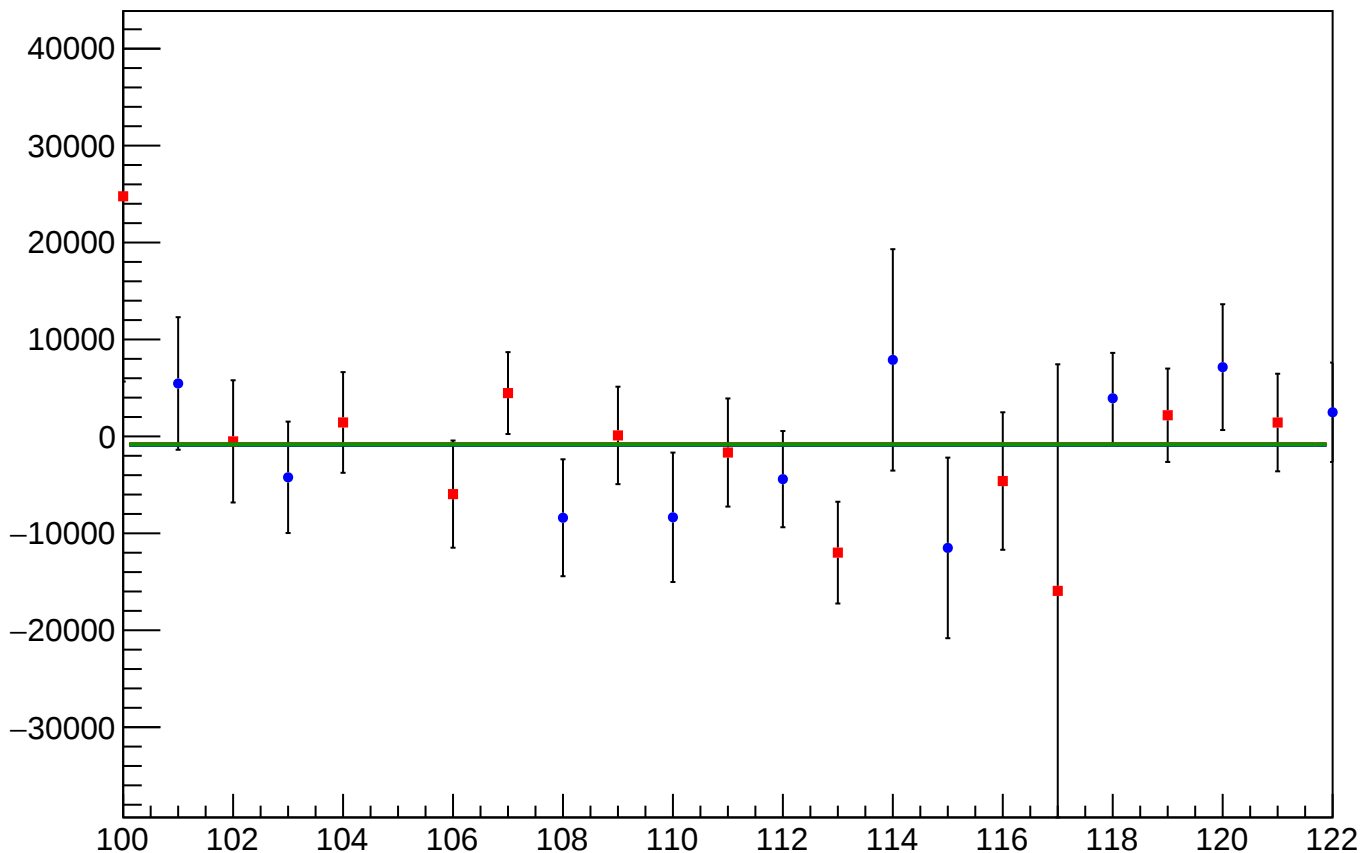
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1522.585+/-0.574 χ^2/NDF : 432582.5/9

1519.767+/-0.394 χ^2/NDF : 825221.8/21

1517.272+/-0.540 χ^2/NDF : 392593.9/11

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -879.588+/-1928.871 χ^2/NDF : 9.4/9

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

Right Out: -795.486+/-1653.042 χ^2/NDF : 10.3/11

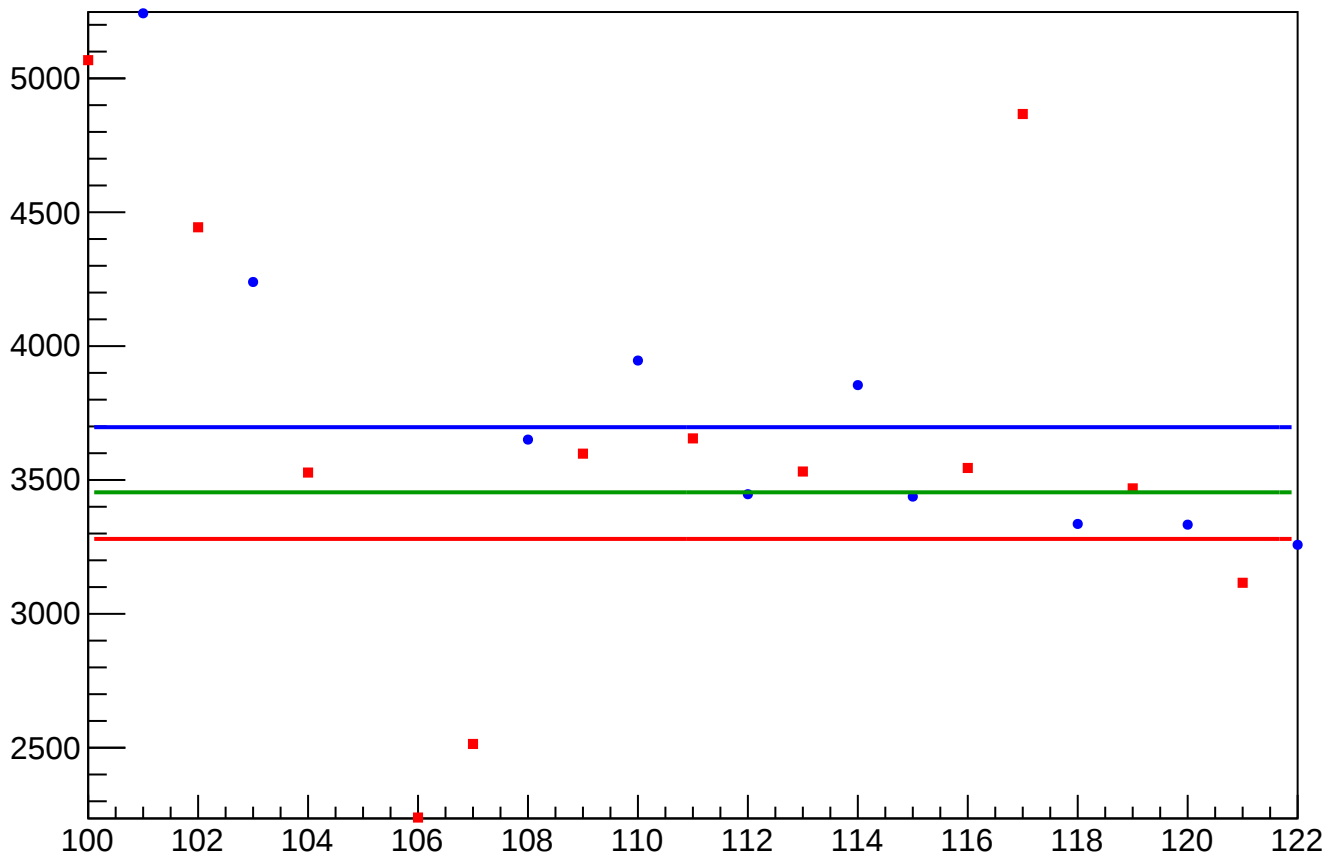
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-879.588+/-1928.871 χ^2/NDF : 9.4/9

-831.099+/-1255.172 χ^2/NDF : 19.7/21

-795.486+/-1653.042 χ^2/NDF : 10.3/11

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3697.231+/-1.364 χ^2/NDF : 162806.8/9

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

Right Out: 3279.865+/-1.154 χ^2/NDF : 286645.2/11

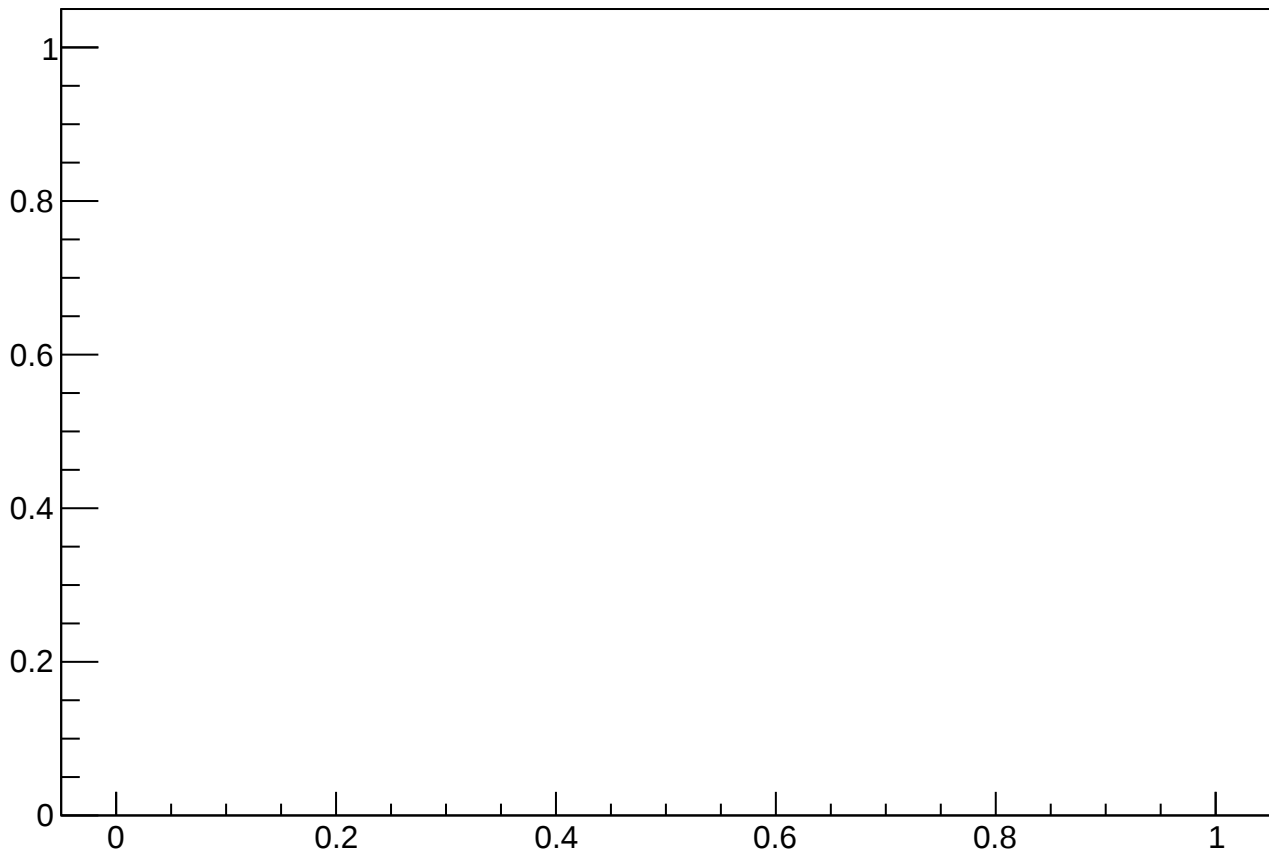
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3697.231+/-1.364 χ^2/NDF : 162806.8/9

3453.948+/-0.881 χ^2/NDF : 504039.3/21

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

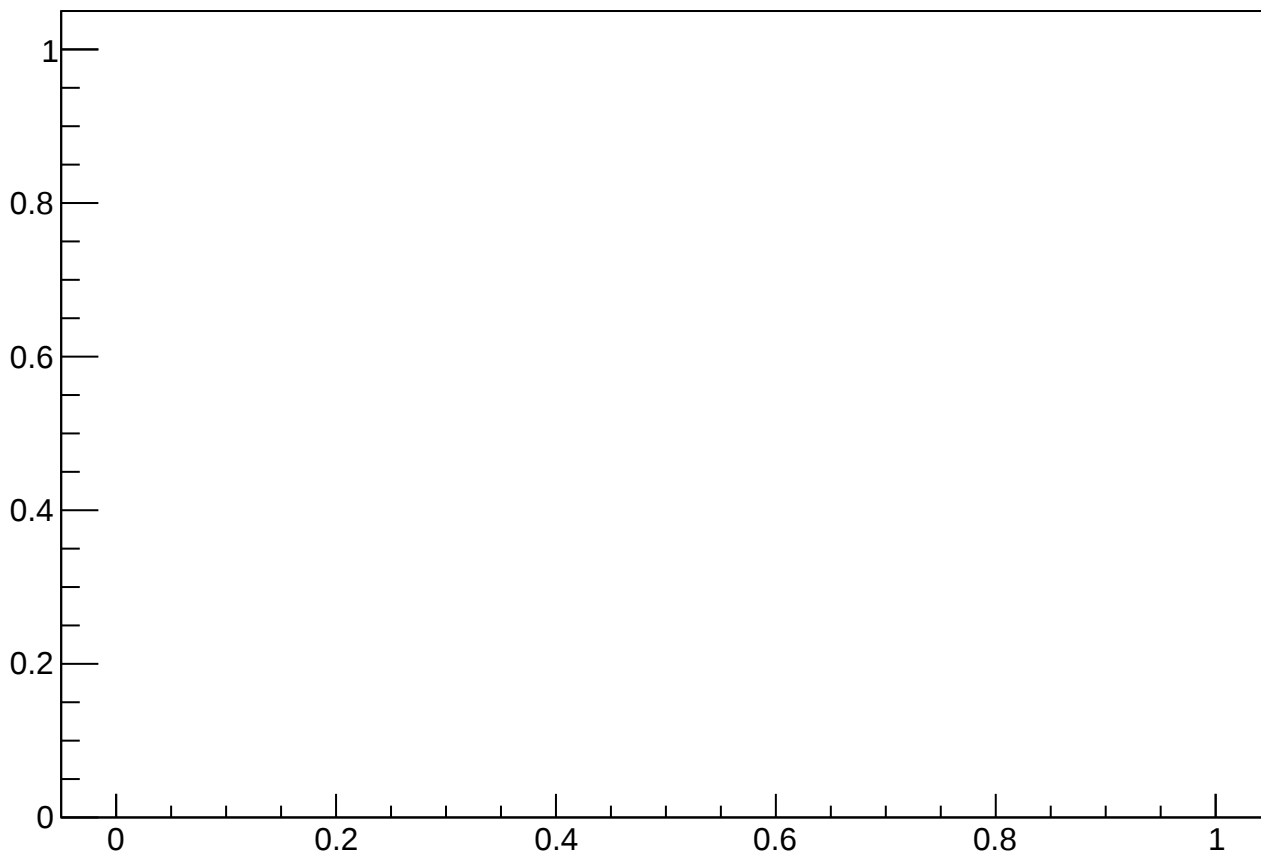
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

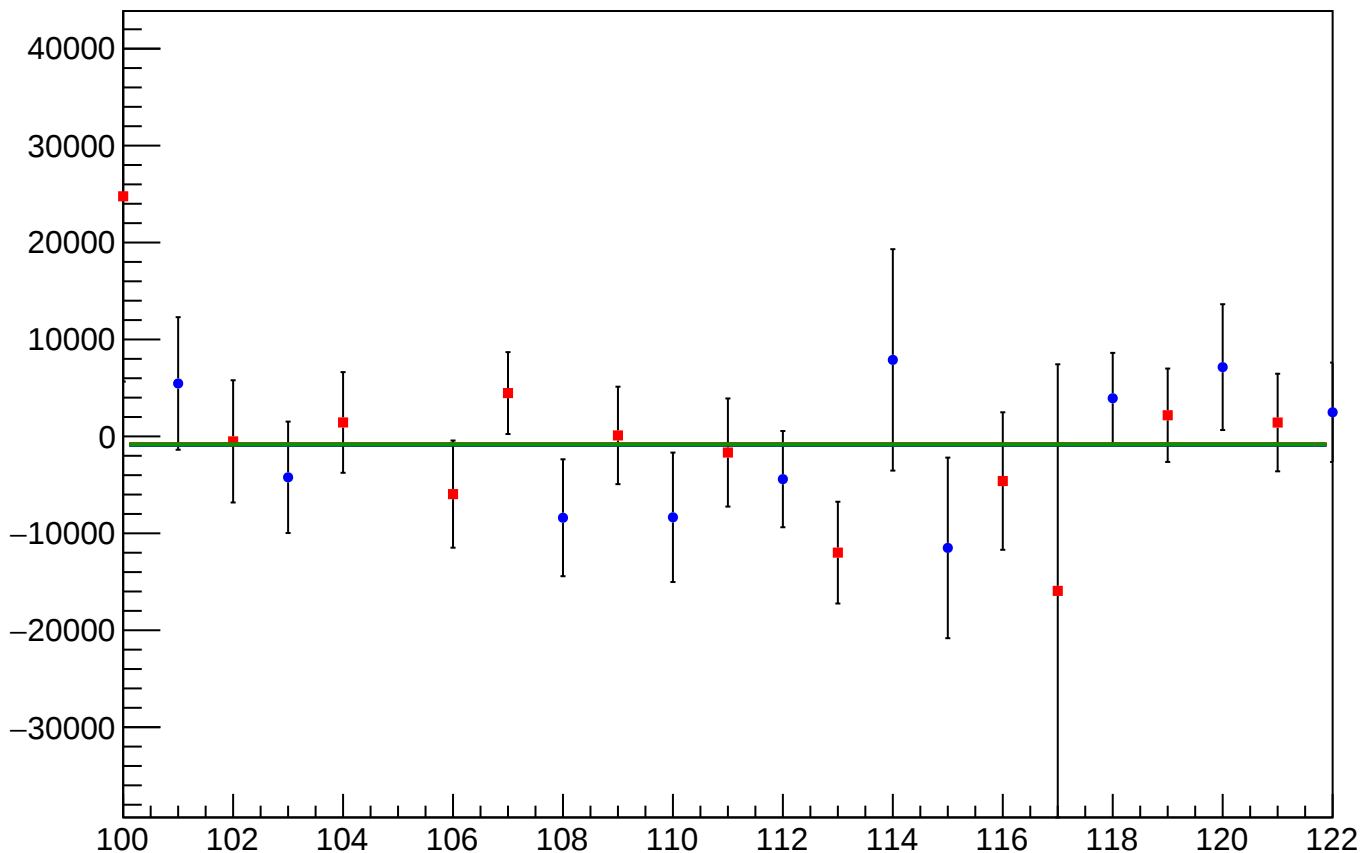
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -879.588+/-1928.871 χ^2/NDF : 9.4/9

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

Right Out: -795.486+/-1653.042 χ^2/NDF : 10.3/11

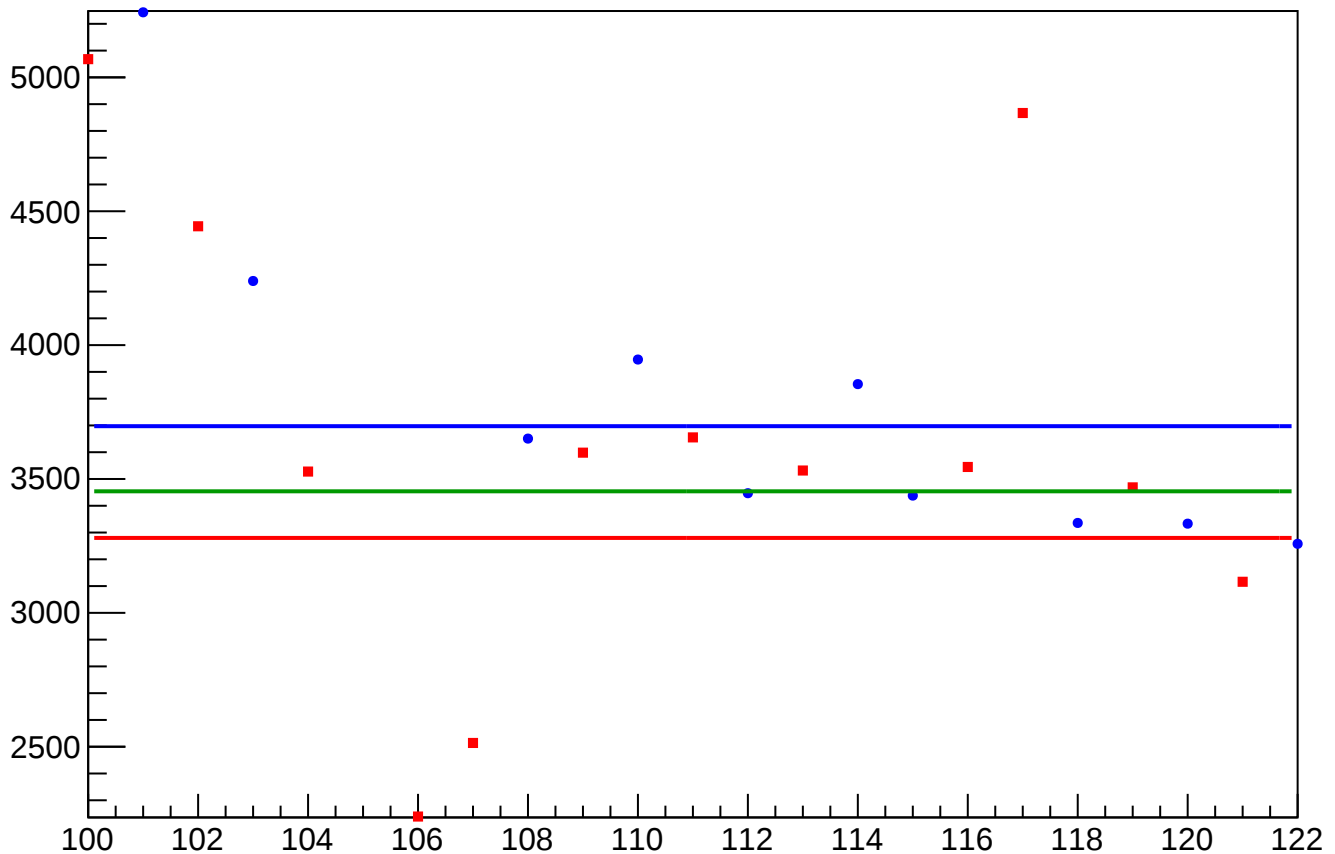
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-879.588+/-1928.871 χ^2/NDF : 9.4/9

-831.099+/-1255.172 χ^2/NDF : 19.7/21

-795.486+/-1653.042 χ^2/NDF : 10.3/11

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3697.231+/-1.364 χ^2/NDF : 162806.8/9

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

Right Out: 3279.865+/-1.154 χ^2/NDF : 286645.2/11

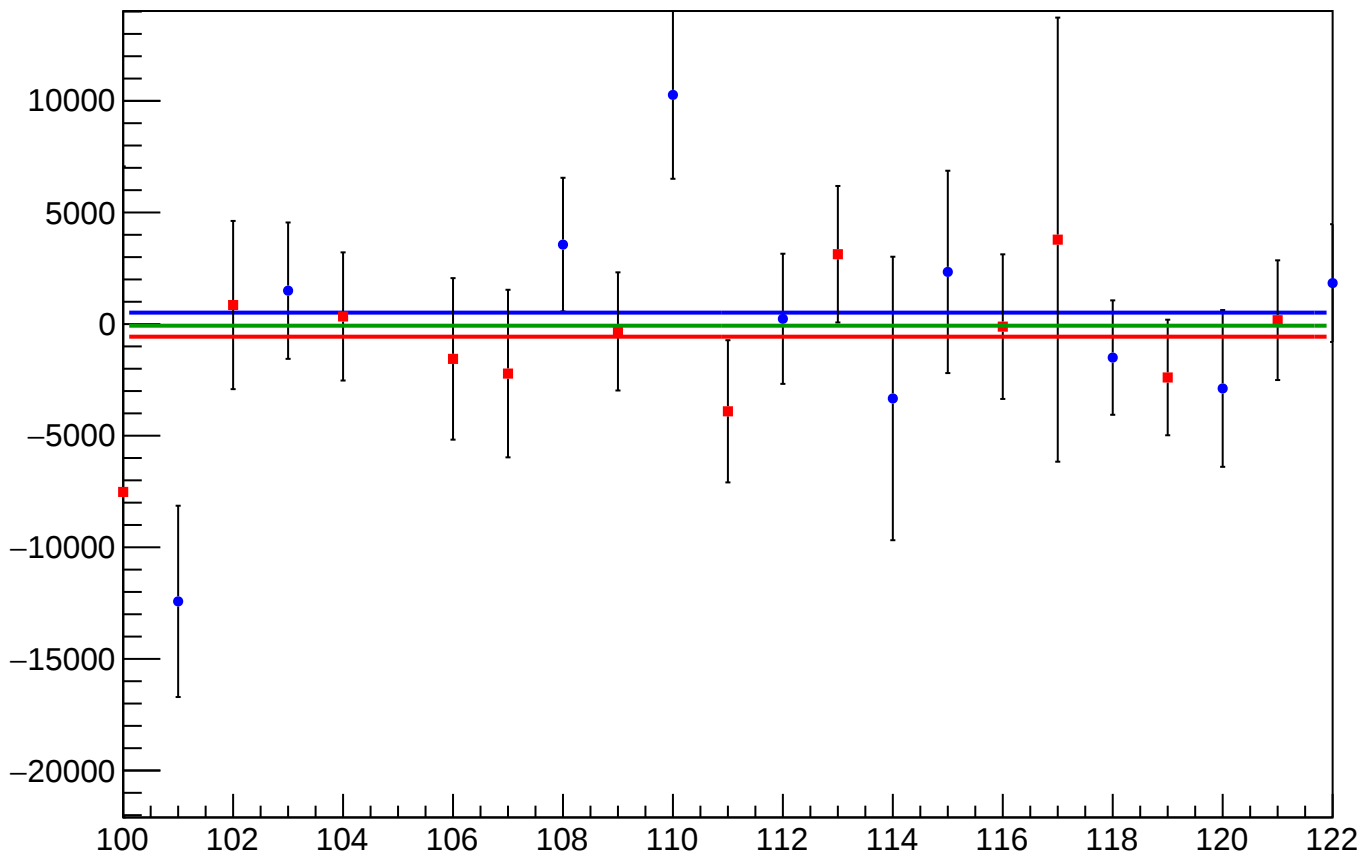
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3697.231+/-1.364 χ^2/NDF : 162806.8/9

3453.948+/-0.881 χ^2/NDF : 504039.3/21

3279.865+/-1.154 χ^2/NDF : 286645.2/11

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 513.796 $\pm$ 1047.084 χ^2 /NDF: 19.3/9

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

Right Out: -564.359 $\pm$ 959.664 χ^2 /NDF: 4.1/11

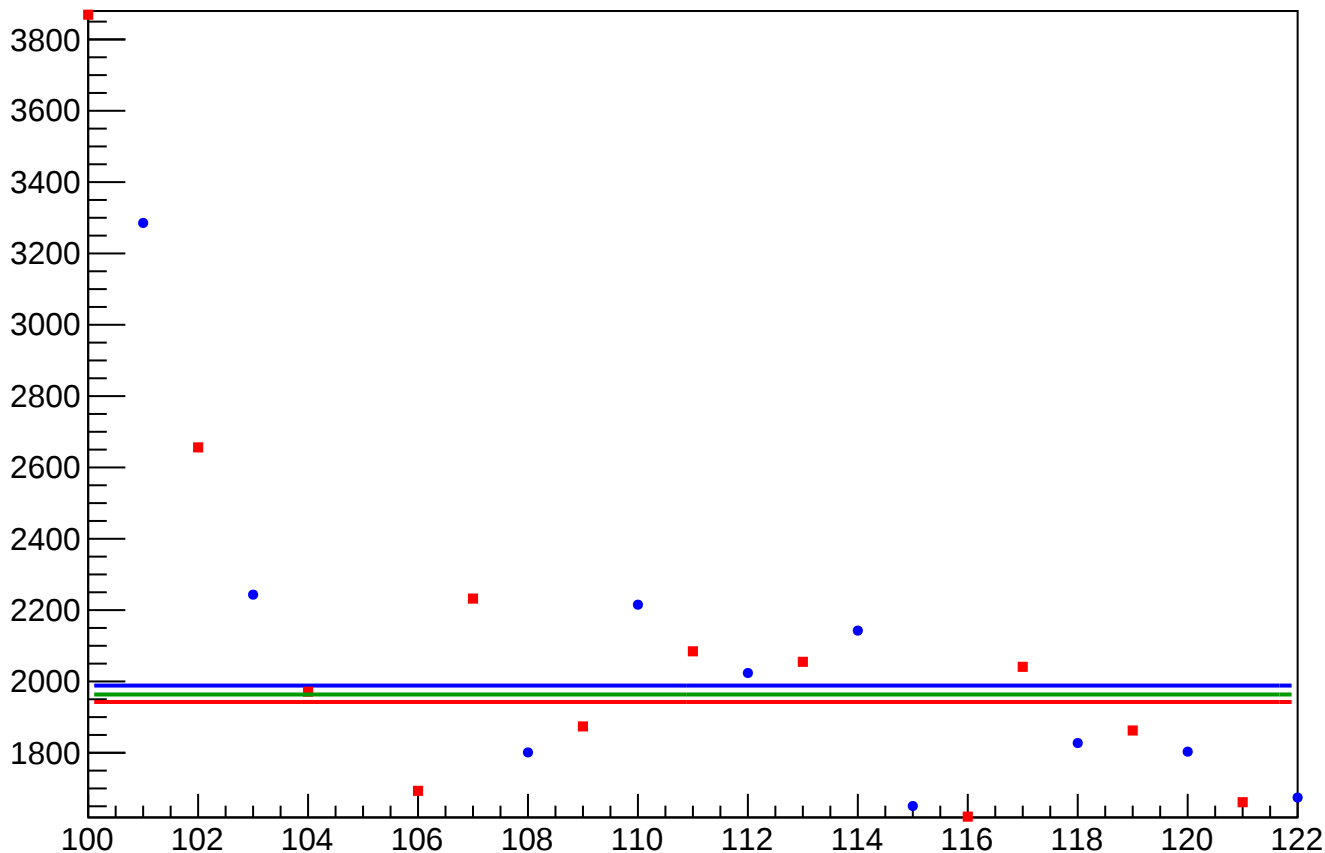
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

513.796 $\pm$ 1047.084 χ^2 /NDF: 19.3/9

-72.160 $\pm$ 707.475 χ^2 /NDF: 24.0/21

-564.359 $\pm$ 959.664 χ^2 /NDF: 4.1/11

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1988.432+/-0.740 χ^2/NDF : 266646.6/9

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

Right Out: 1942.448+/-0.679 χ^2/NDF : 180108.8/11

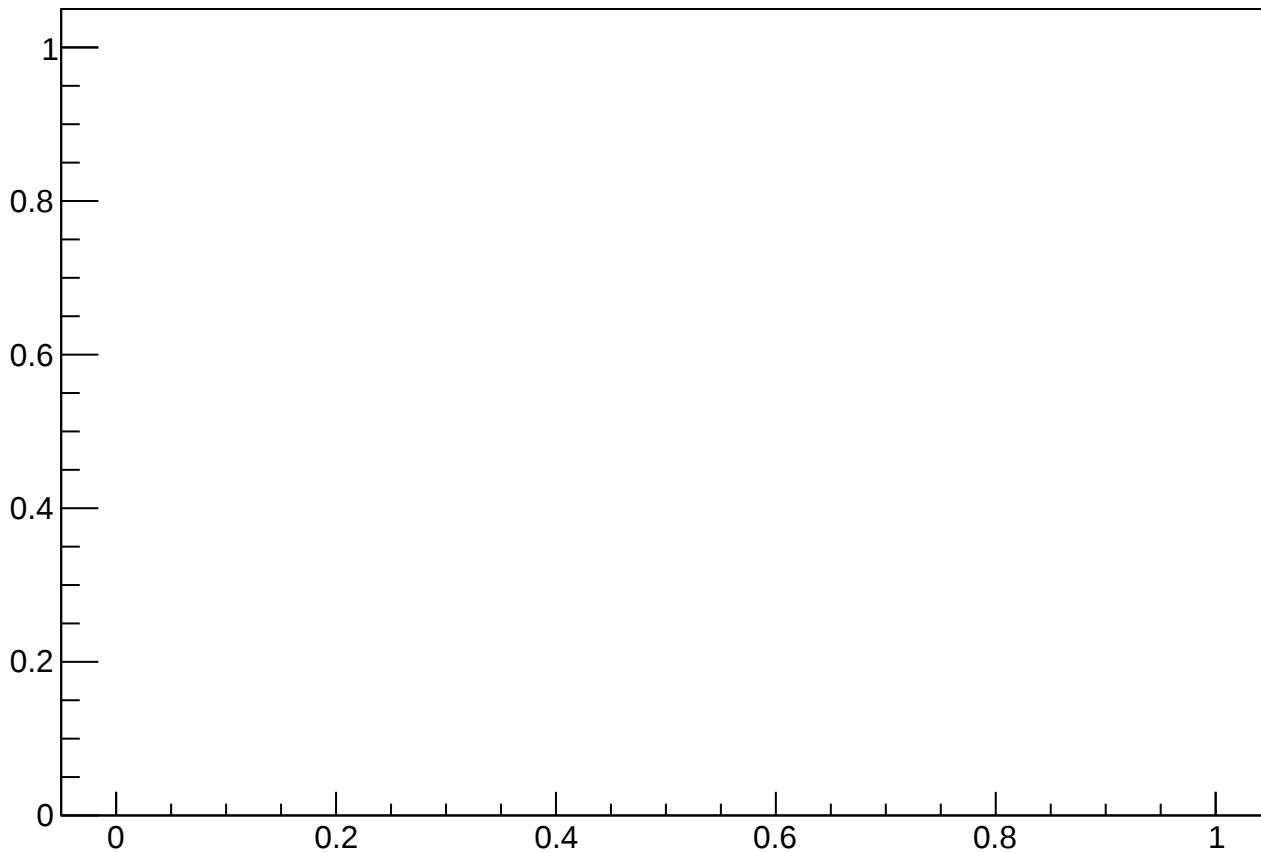
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1988.432+/-0.740 χ^2/NDF : 266646.6/9

1963.440+/-0.500 χ^2/NDF : 448851.8/21

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

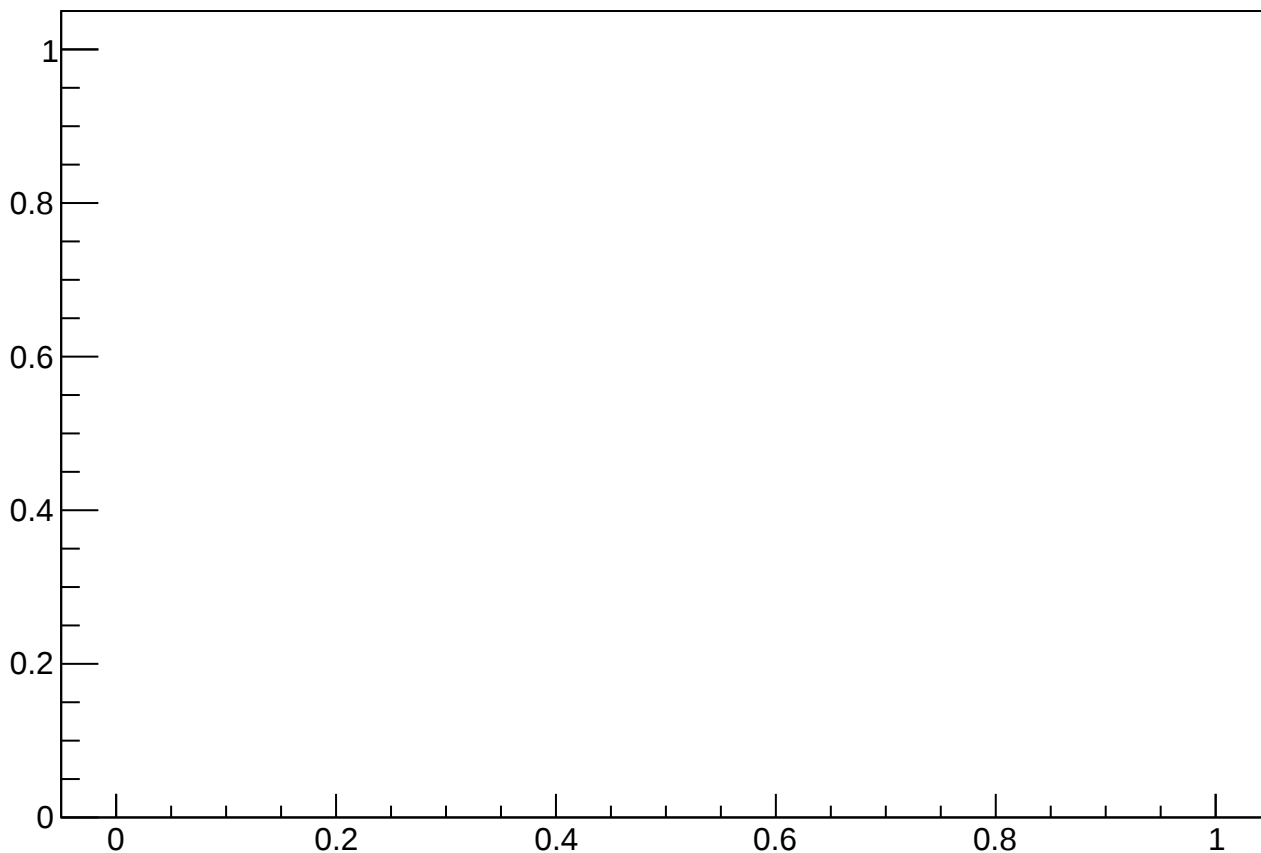
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

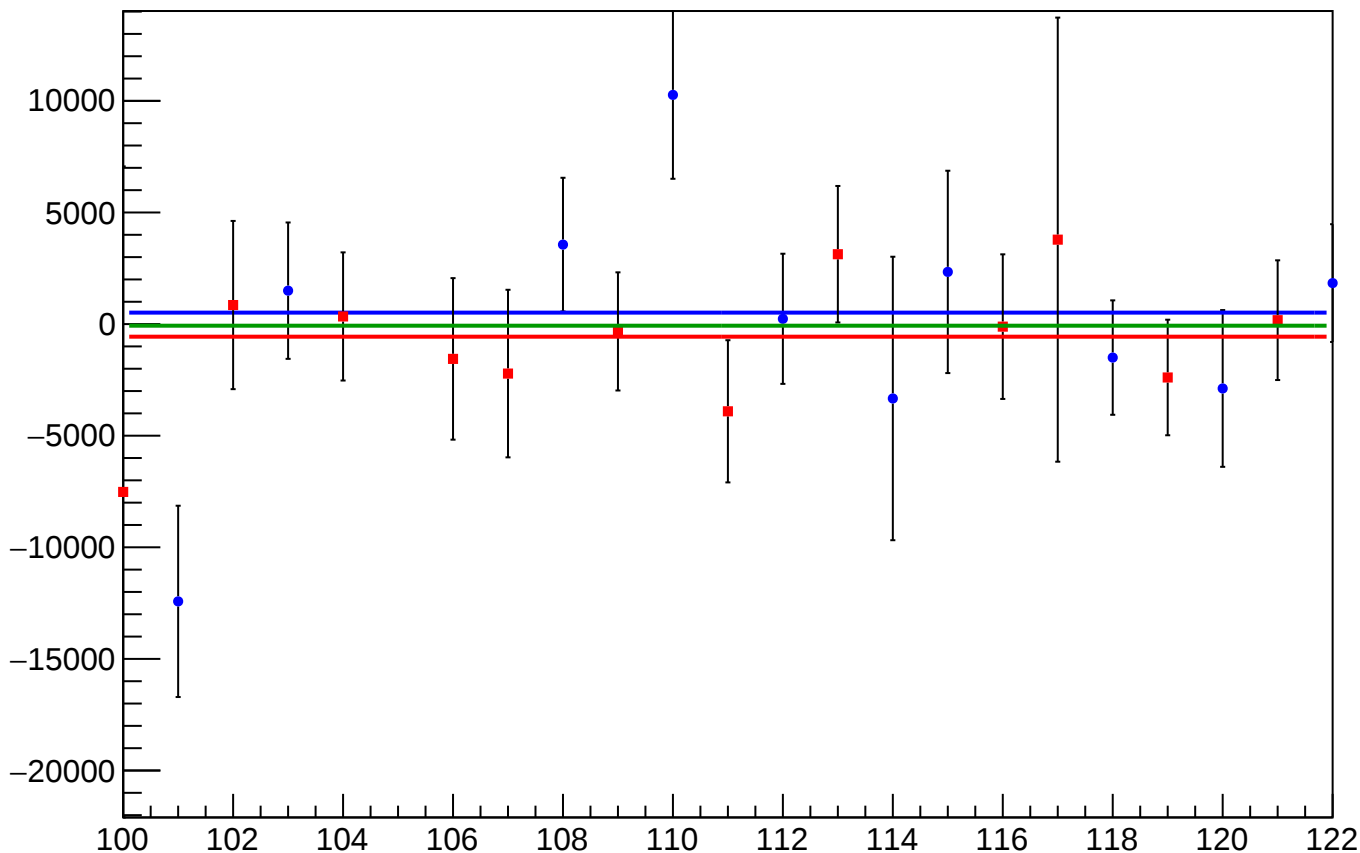
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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: 513.796 $\pm$ 1047.084 χ^2 /NDF: 19.3/9

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

Right Out: -564.359 $\pm$ 959.664 χ^2 /NDF: 4.1/11

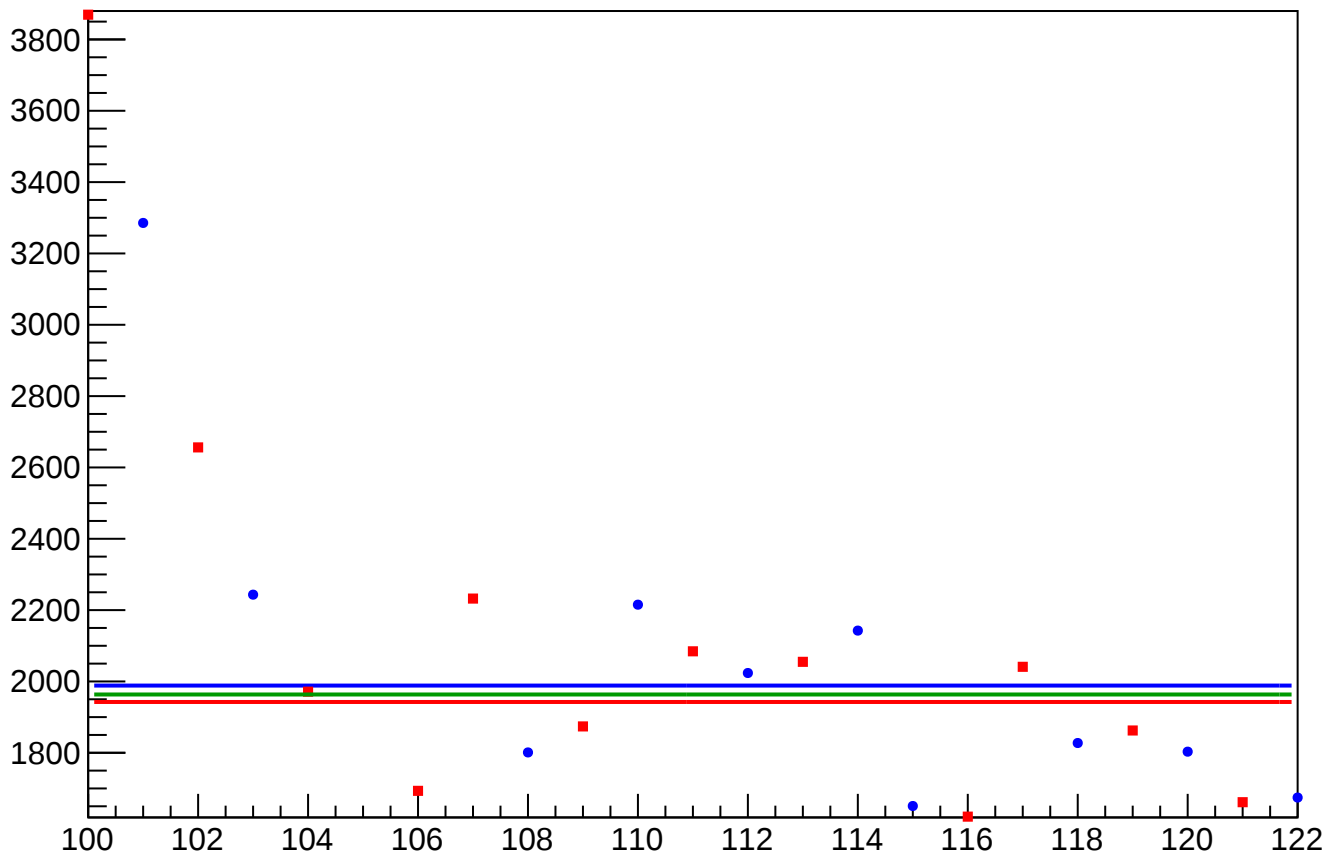
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

513.796 $\pm$ 1047.084 χ^2 /NDF: 19.3/9

-72.160 $\pm$ 707.475 χ^2 /NDF: 24.0/21

-564.359 $\pm$ 959.664 χ^2 /NDF: 4.1/11

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1988.432 ± 0.740 $\chi^2/\text{NDF}: 266646.6/9$

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

Right Out: 1942.448 ± 0.679 $\chi^2/\text{NDF}: 180108.8/11$

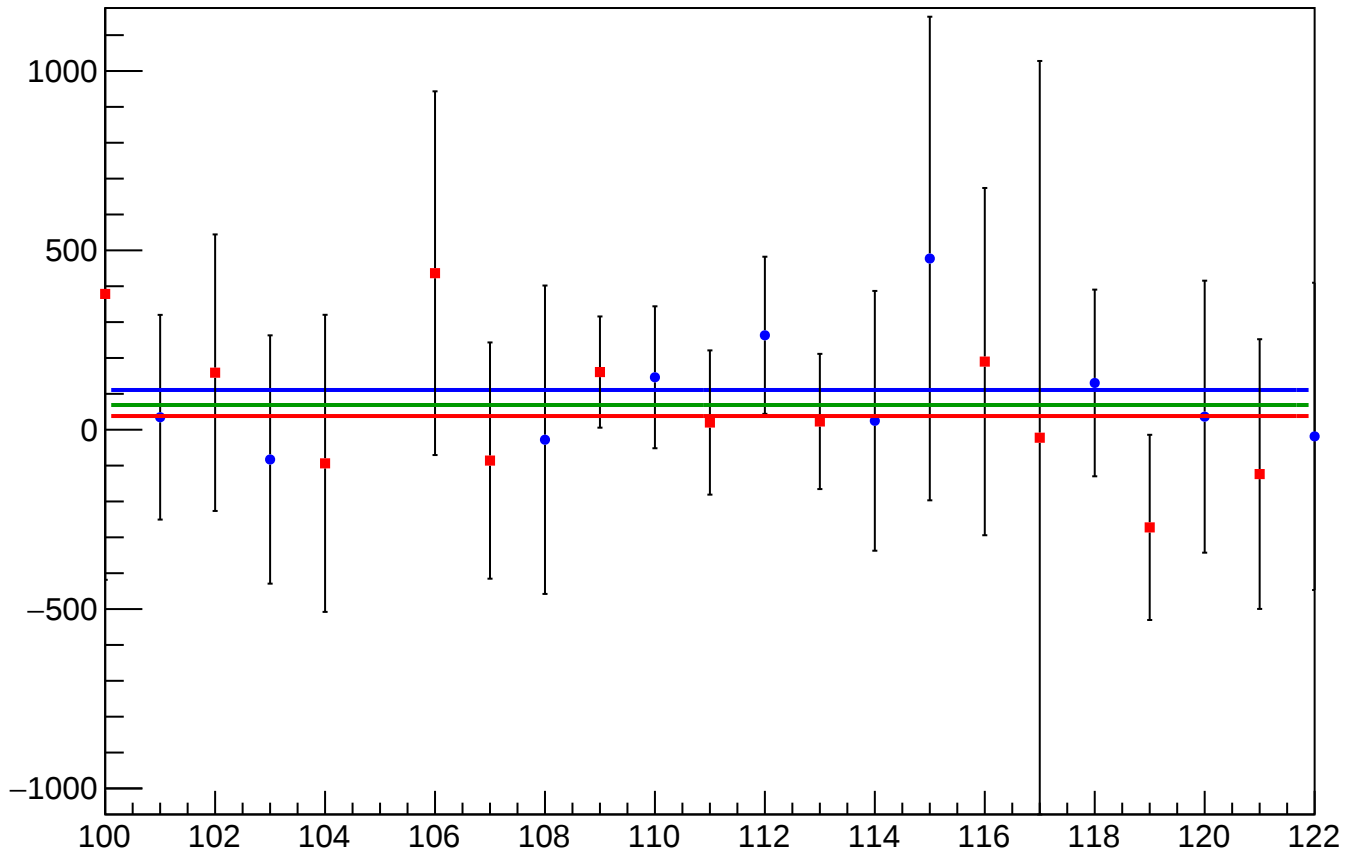
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

1988.432 ± 0.740 $\chi^2/\text{NDF}: 266646.6/9$

1963.440 ± 0.500 $\chi^2/\text{NDF}: 448851.8/21$

1942.448 ± 0.679 $\chi^2/\text{NDF}: 180108.8/11$

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 110.768 $\pm$ 95.591 χ^2 /NDF: 1.5/9

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

Right Out: 38.151 $\pm$ 81.922 χ^2 /NDF: 3.5/11

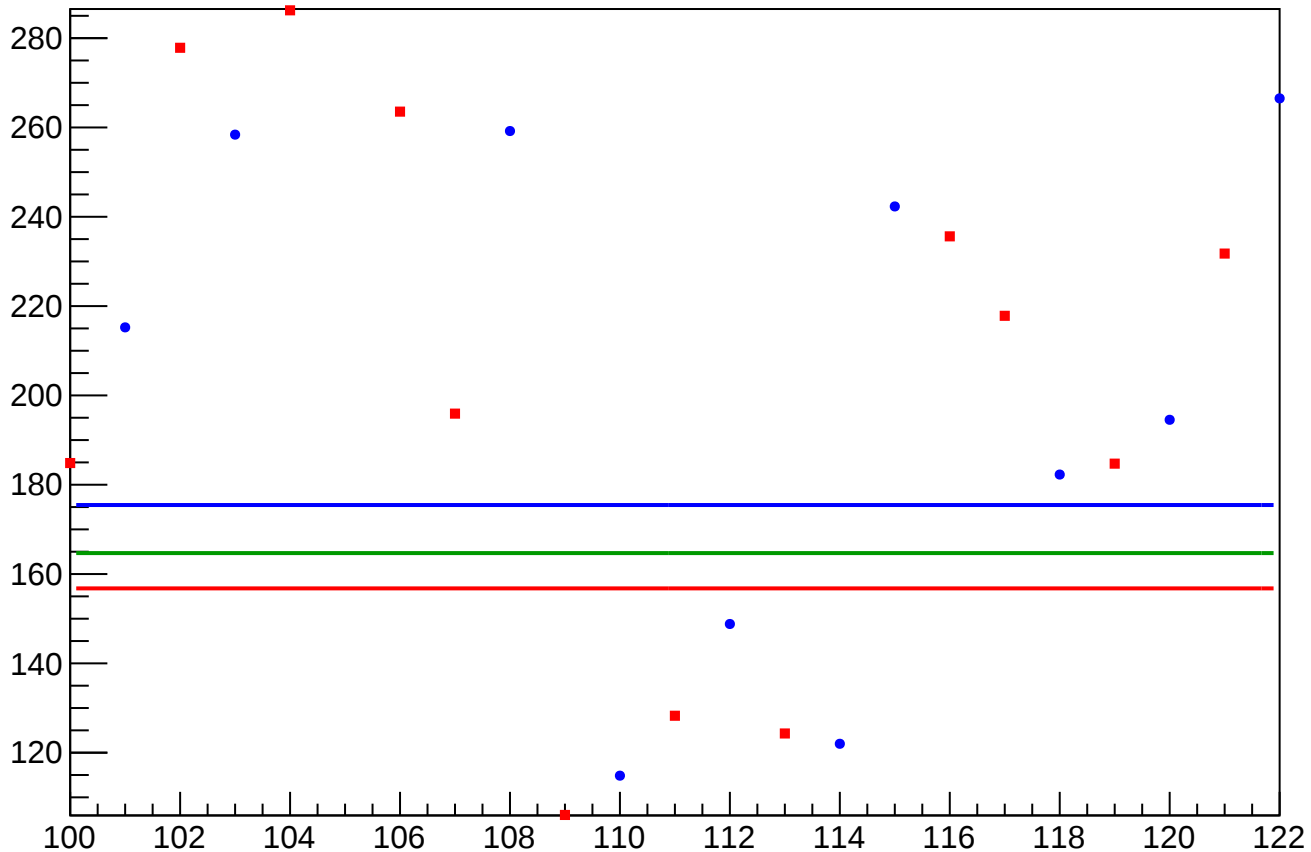
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

110.768 $\pm$ 95.591 χ^2 /NDF: 1.5/9

68.901 $\pm$ 62.204 χ^2 /NDF: 5.3/21

38.151 $\pm$ 81.922 χ^2 /NDF: 3.5/11

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 175.456+/-0.068 χ^2/NDF : 606969.8/9

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

Right Out: 156.788+/-0.058 χ^2/NDF : 988701.7/11

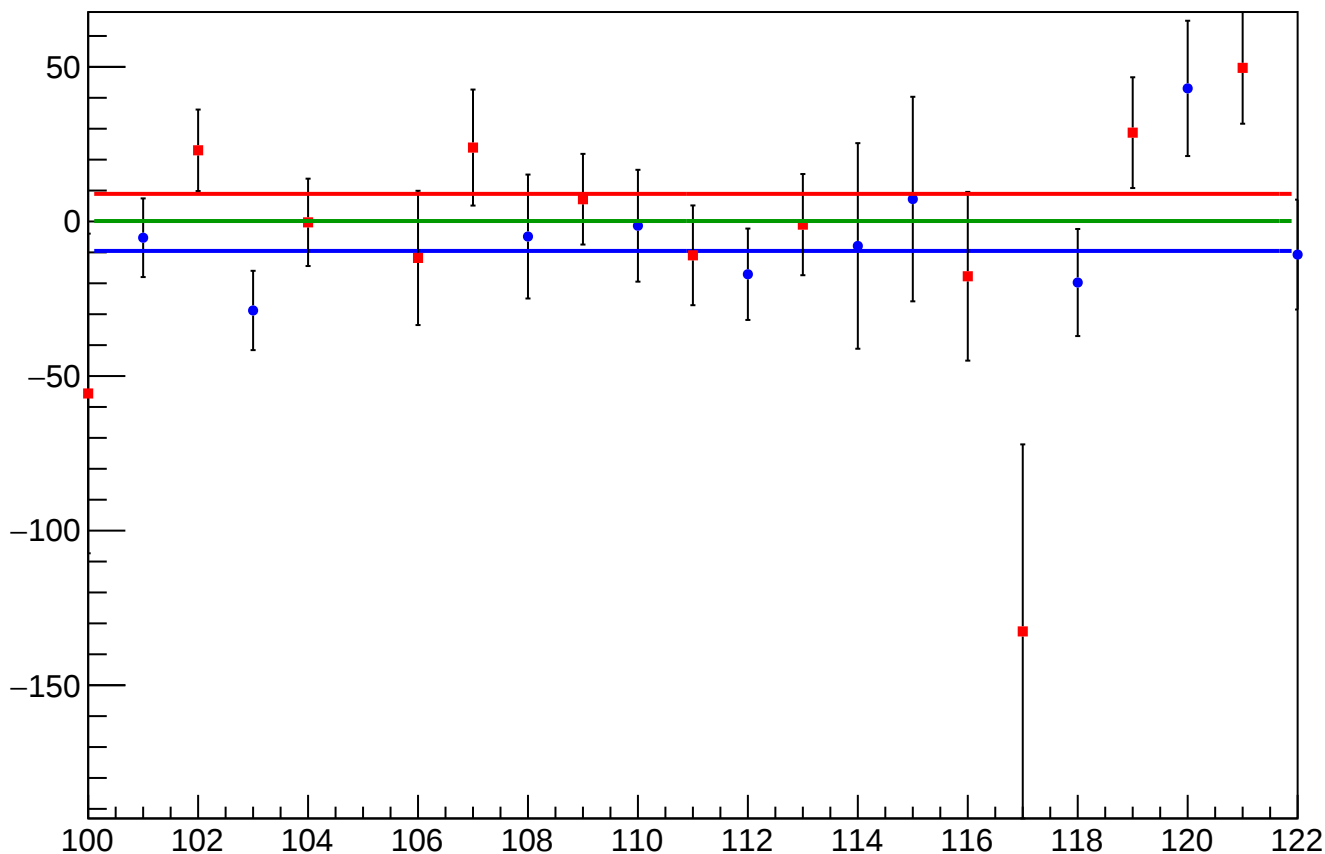
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

175.456+/-0.068 χ^2/NDF : 606969.8/9

164.693+/-0.044 χ^2/NDF : 1639647.2/21

156.788+/-0.058 χ^2/NDF : 988701.7/11

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -9.530+/-5.522 χ^2 /NDF: 9.3/9

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

Right Out: 8.927+/-5.261 χ^2 /NDF: 19.3/11

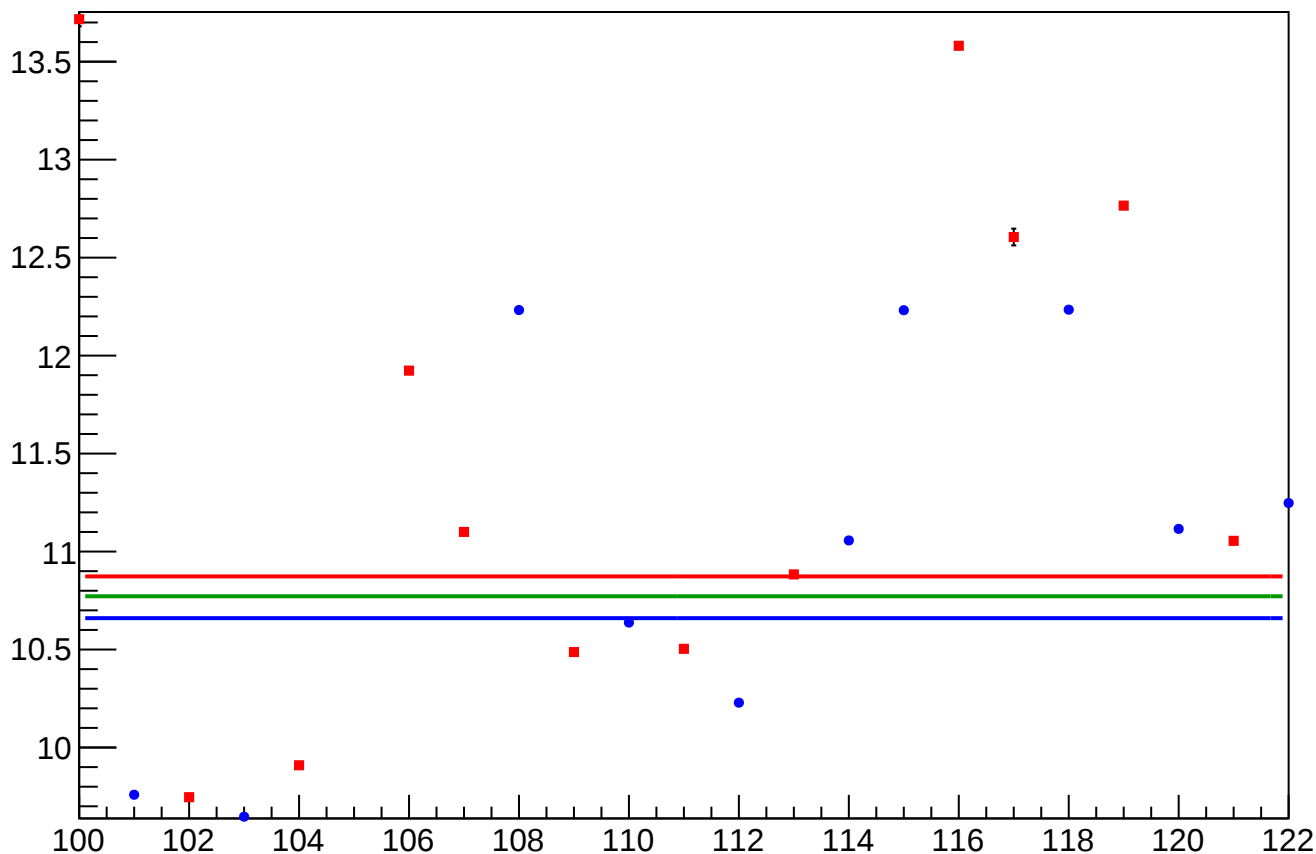
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-9.530+/-5.522 χ^2 /NDF: 9.3/9

0.145+/-3.809 χ^2 /NDF: 34.4/21

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: 10.660 $\pm$ 0.004 χ^2 /NDF: 60914.1/9

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

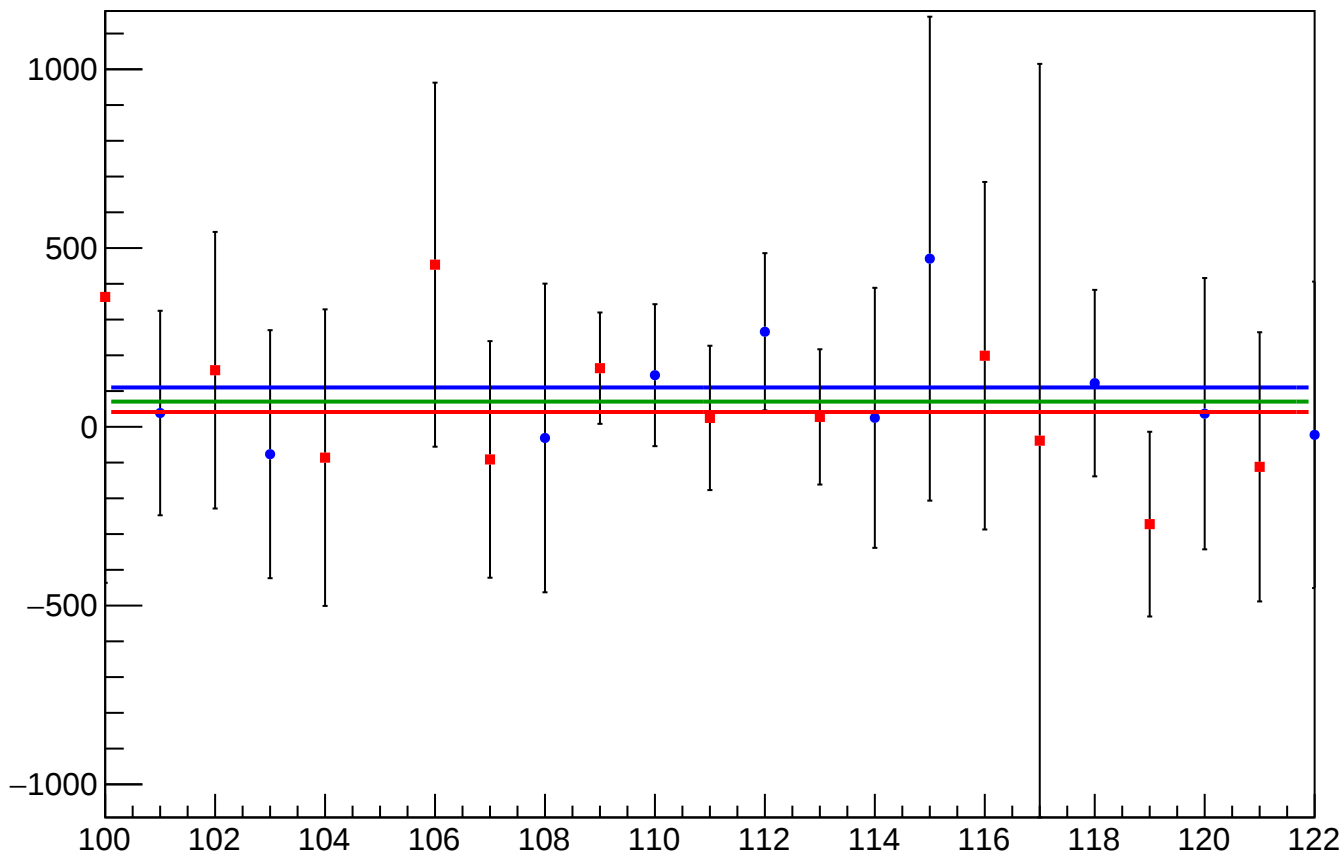
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

10.660 $\pm$ 0.004 χ^2 /NDF: 60914.1/9

10.772 $\pm$ 0.003 χ^2 /NDF: 143706.4/21

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: 110.116+/-95.873 χ^2/NDF : 1.5/9

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

Right Out: 41.448+/-82.215 χ^2/NDF : 3.5/11

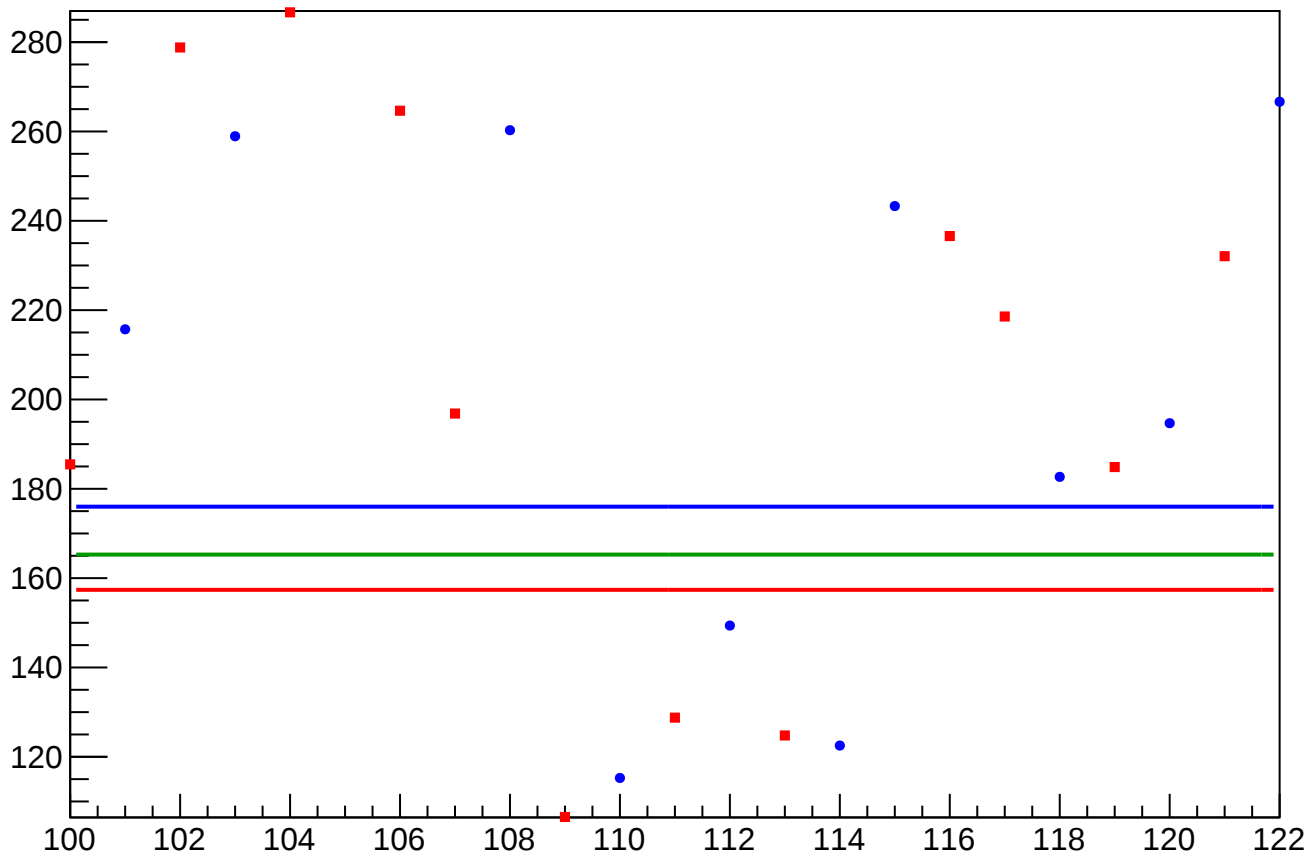
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

110.116+/-95.873 χ^2/NDF : 1.5/9

70.547+/-62.410 χ^2/NDF : 5.3/21

41.448+/-82.215 χ^2/NDF : 3.5/11

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 176.001 $\pm$ 0.068 χ^2 /NDF: 604309.9/9

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

Right Out: 157.385 $\pm$ 0.058 χ^2 /NDF: 985222.8/11

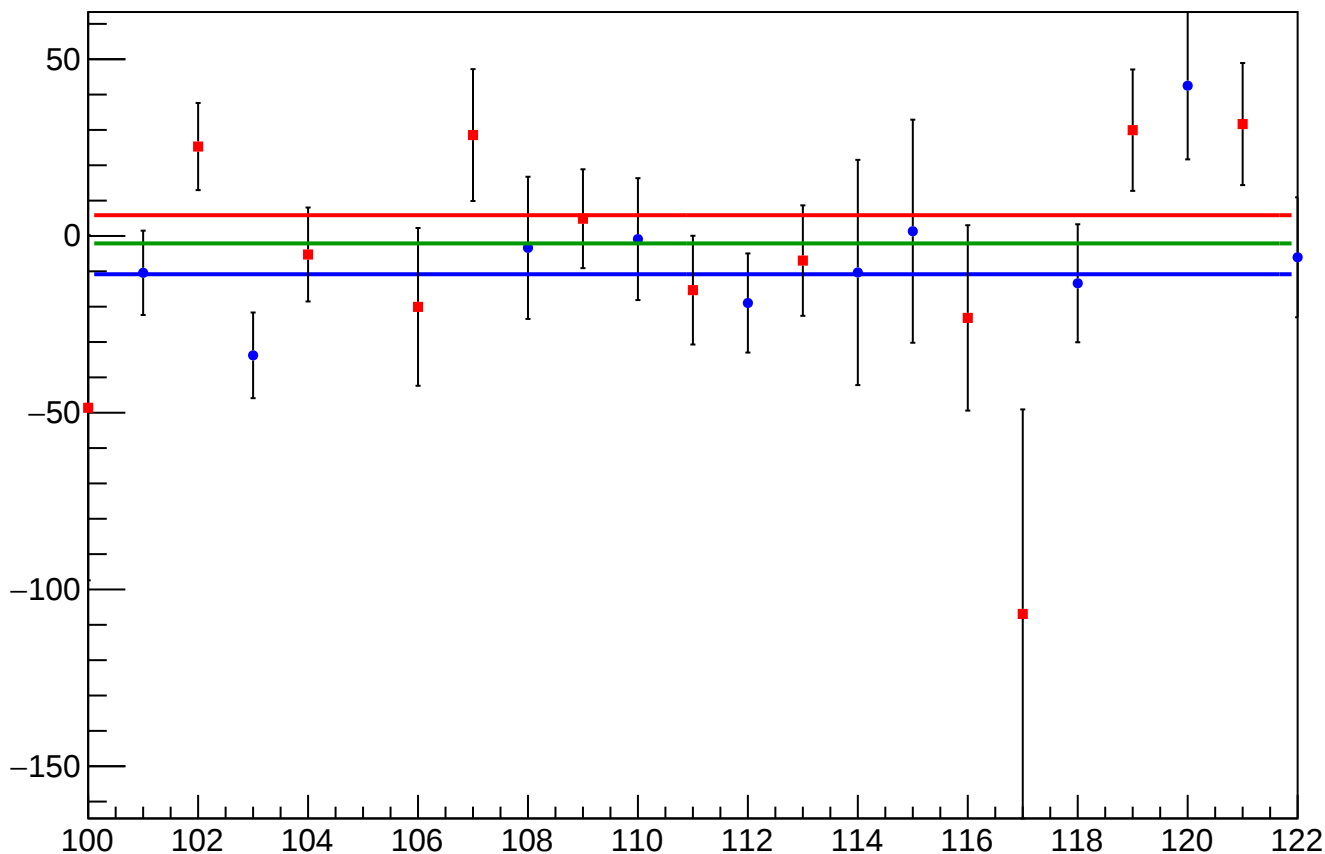
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

176.001 $\pm$ 0.068 χ^2 /NDF: 604309.9/9

165.274 $\pm$ 0.044 χ^2 /NDF: 1632988.7/21

157.385 $\pm$ 0.058 χ^2 /NDF: 985222.8/11

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -10.825 ± 5.262 $\chi^2/\text{NDF}: 11.2/9$

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

Right Out: 5.874 ± 5.033 $\chi^2/\text{NDF}: 19.1/11$

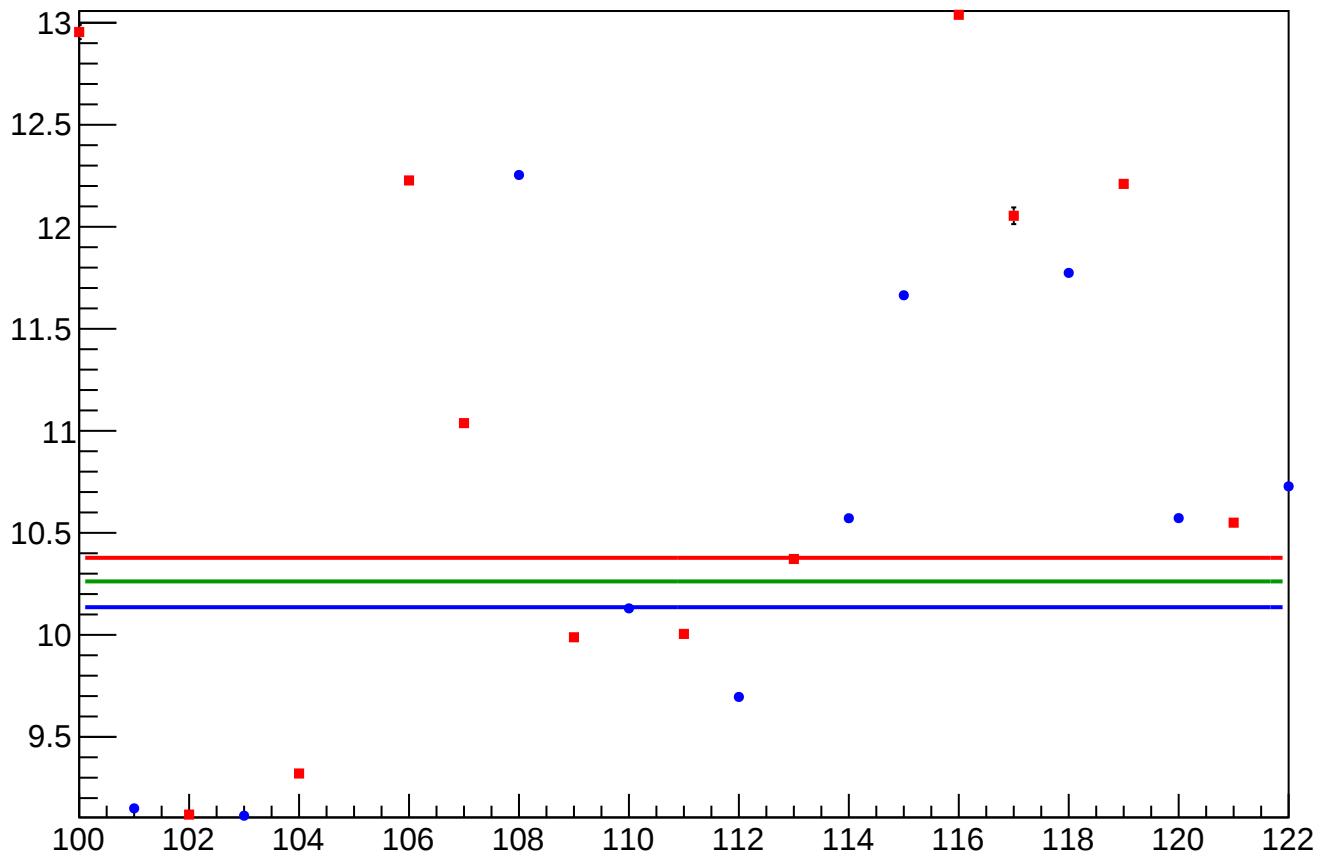
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-10.825 ± 5.262 $\chi^2/\text{NDF}: 11.2/9$

-2.104 ± 3.637 $\chi^2/\text{NDF}: 35.5/21$

5.874 ± 5.033 $\chi^2/\text{NDF}: 19.1/11$

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.136+/-0.004 χ^2/NDF : 79699.3/9

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

Right Out: 10.378+/-0.004 χ^2/NDF : 103300.2/11

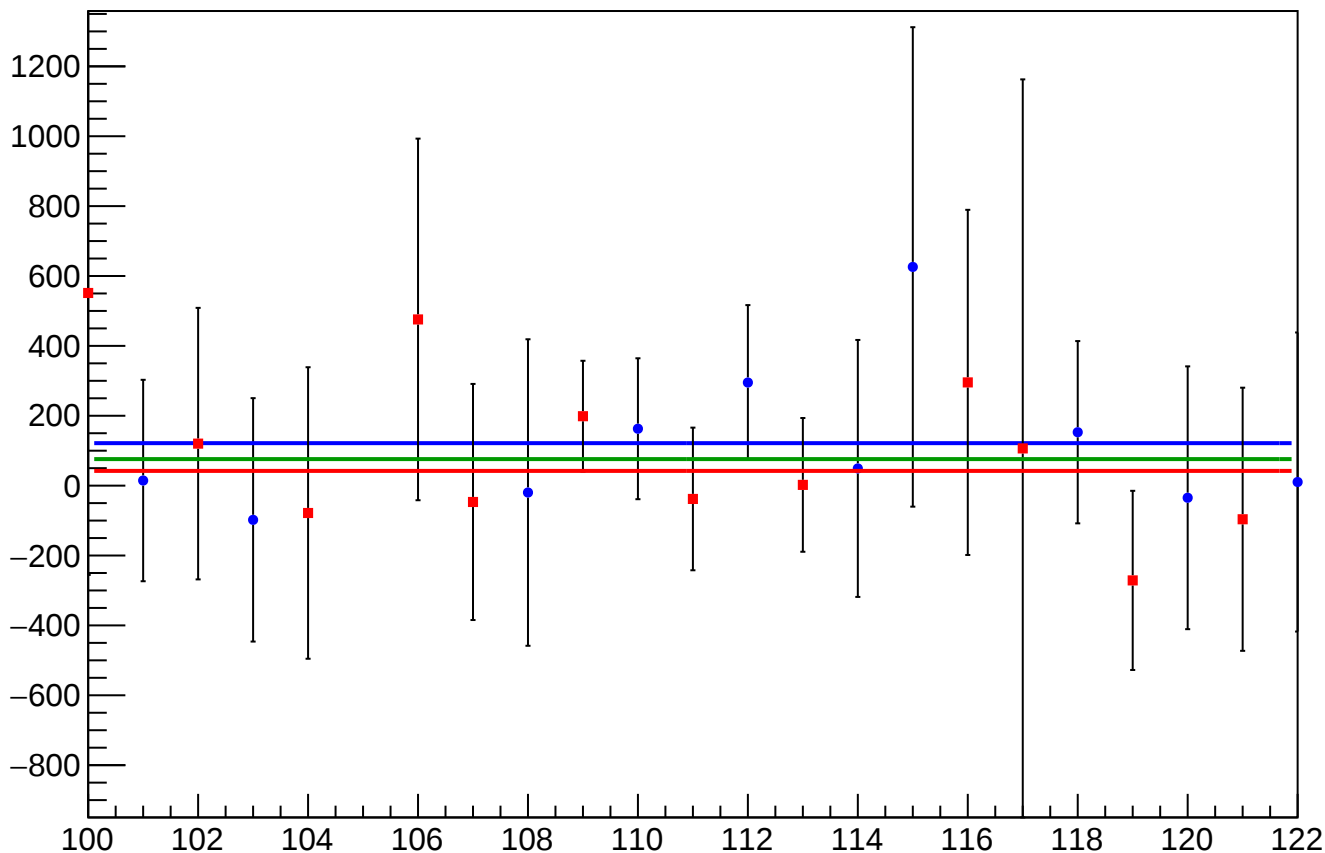
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.136+/-0.004 χ^2/NDF : 79699.3/9

10.262+/-0.003 χ^2/NDF : 185209.8/21

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: 121.594+/-96.595 χ^2/NDF : 2.1/9

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

Right Out: 42.175+/-83.129 χ^2/NDF : 4.4/11

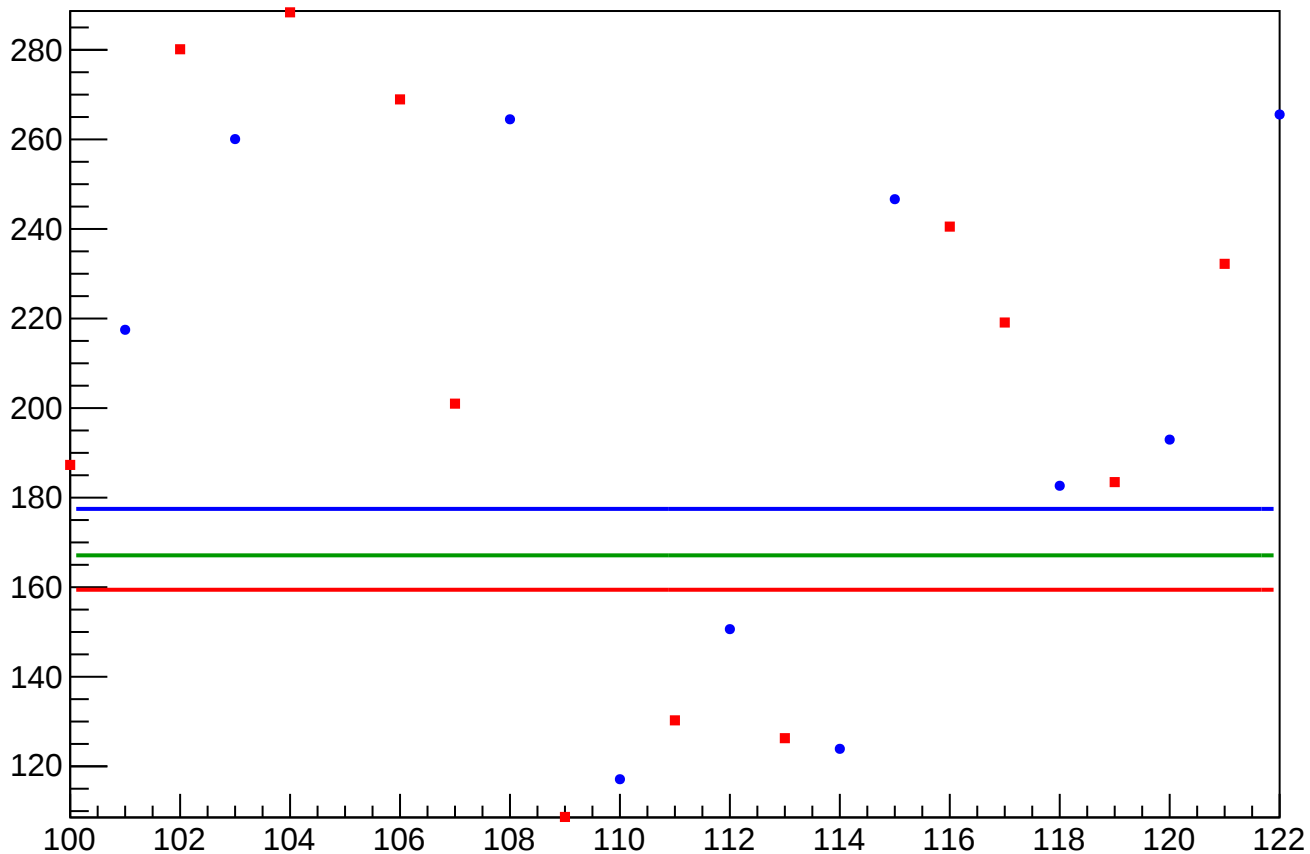
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

121.594+/-96.595 χ^2/NDF : 2.1/9

75.967+/-63.009 χ^2/NDF : 6.9/21

42.175+/-83.129 χ^2/NDF : 4.4/11

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 177.488+/-0.068 χ^2/NDF : 589859.9/9

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

Right Out: 159.431+/-0.059 χ^2/NDF : 964336.5/11

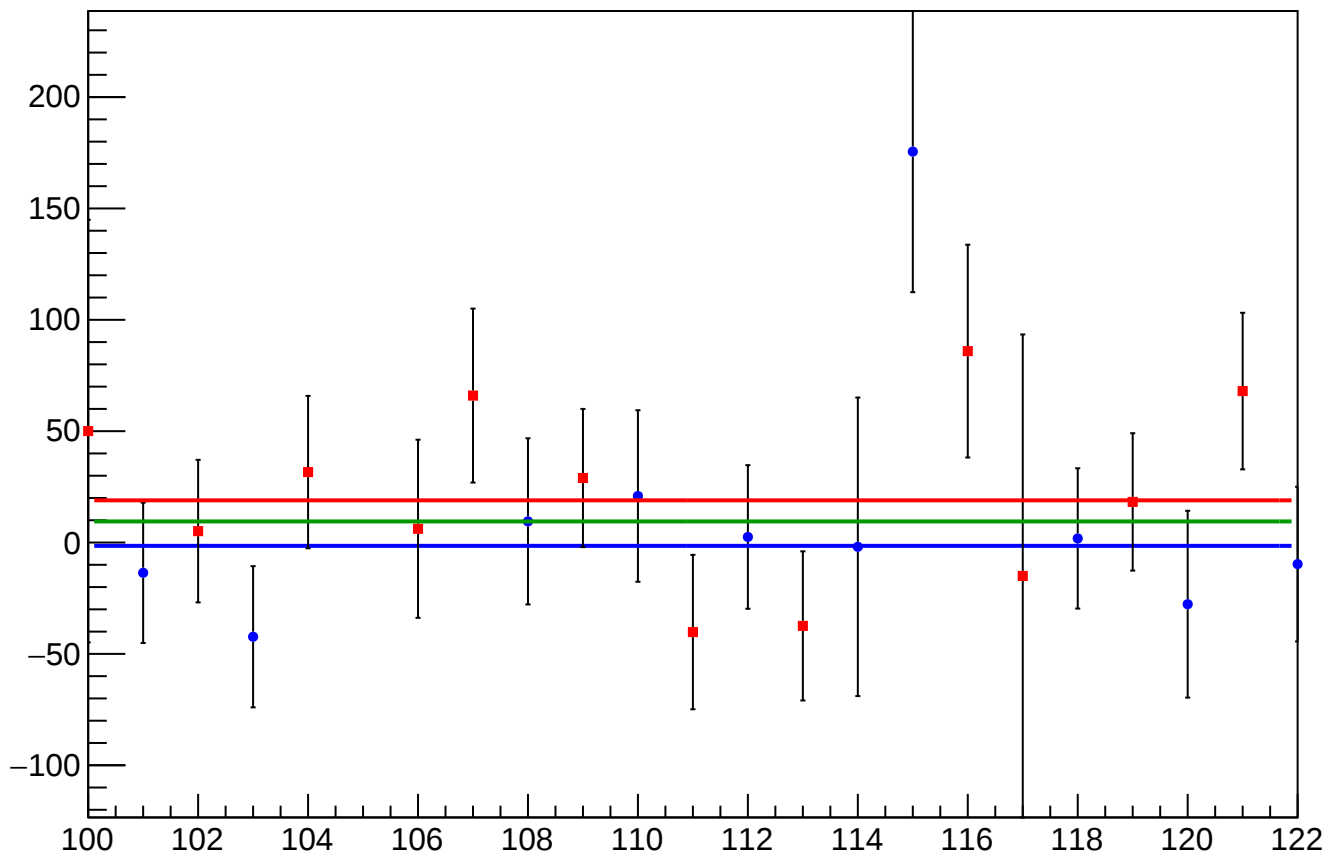
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

177.488+/-0.068 χ^2/NDF : 589859.9/9

167.114+/-0.045 χ^2/NDF : 1594348.2/21

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: -1.485 ± 11.756 $\chi^2/\text{NDF}: 10.6/9$

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

Right Out: 18.945 ± 10.931 $\chi^2/\text{NDF}: 11.8/11$

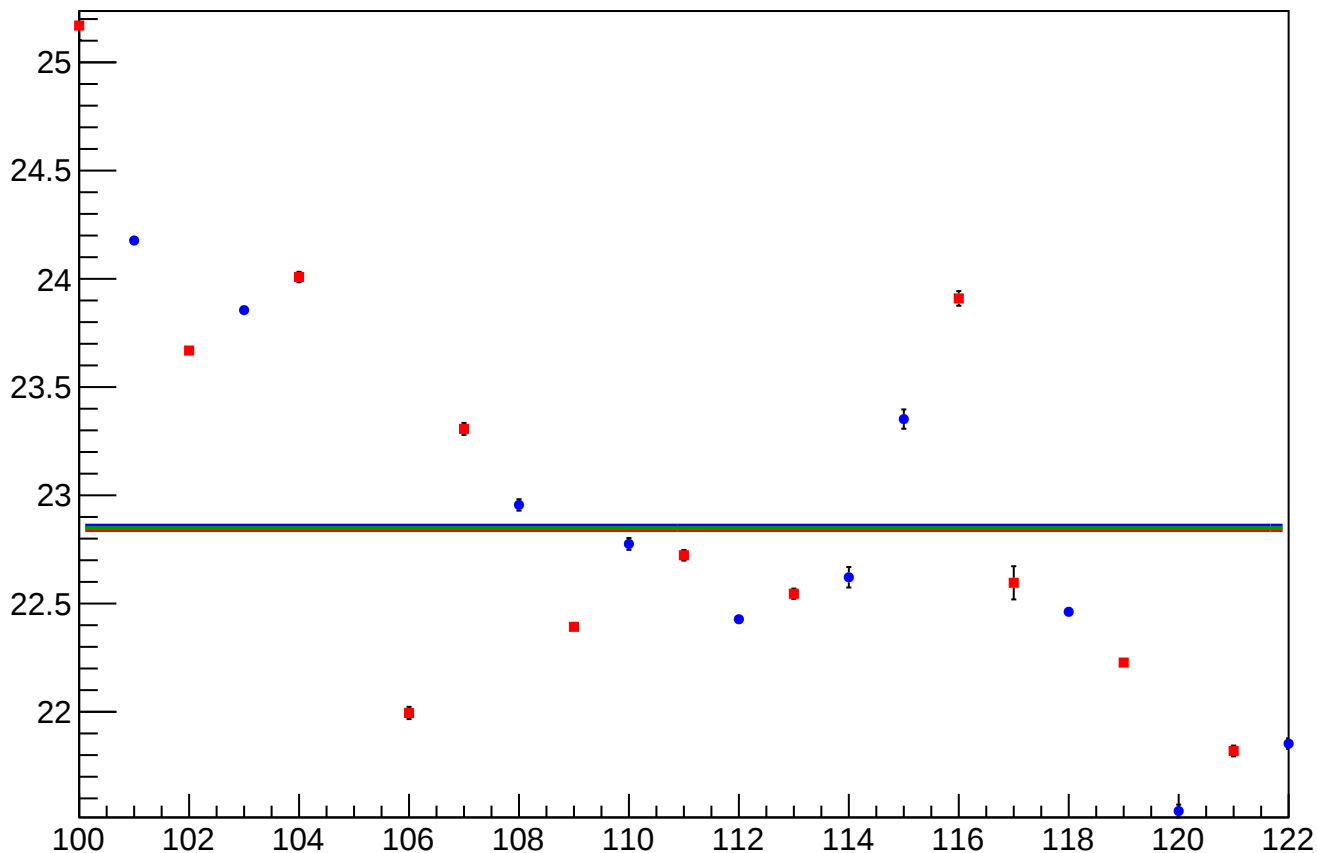
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-1.485 ± 11.756 $\chi^2/\text{NDF}: 10.6/9$

9.472 ± 8.005 $\chi^2/\text{NDF}: 24.0/21$

18.945 ± 10.931 $\chi^2/\text{NDF}: 11.8/11$

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.860 $\pm$ 0.008 χ^2 /NDF: 9973.4/9

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

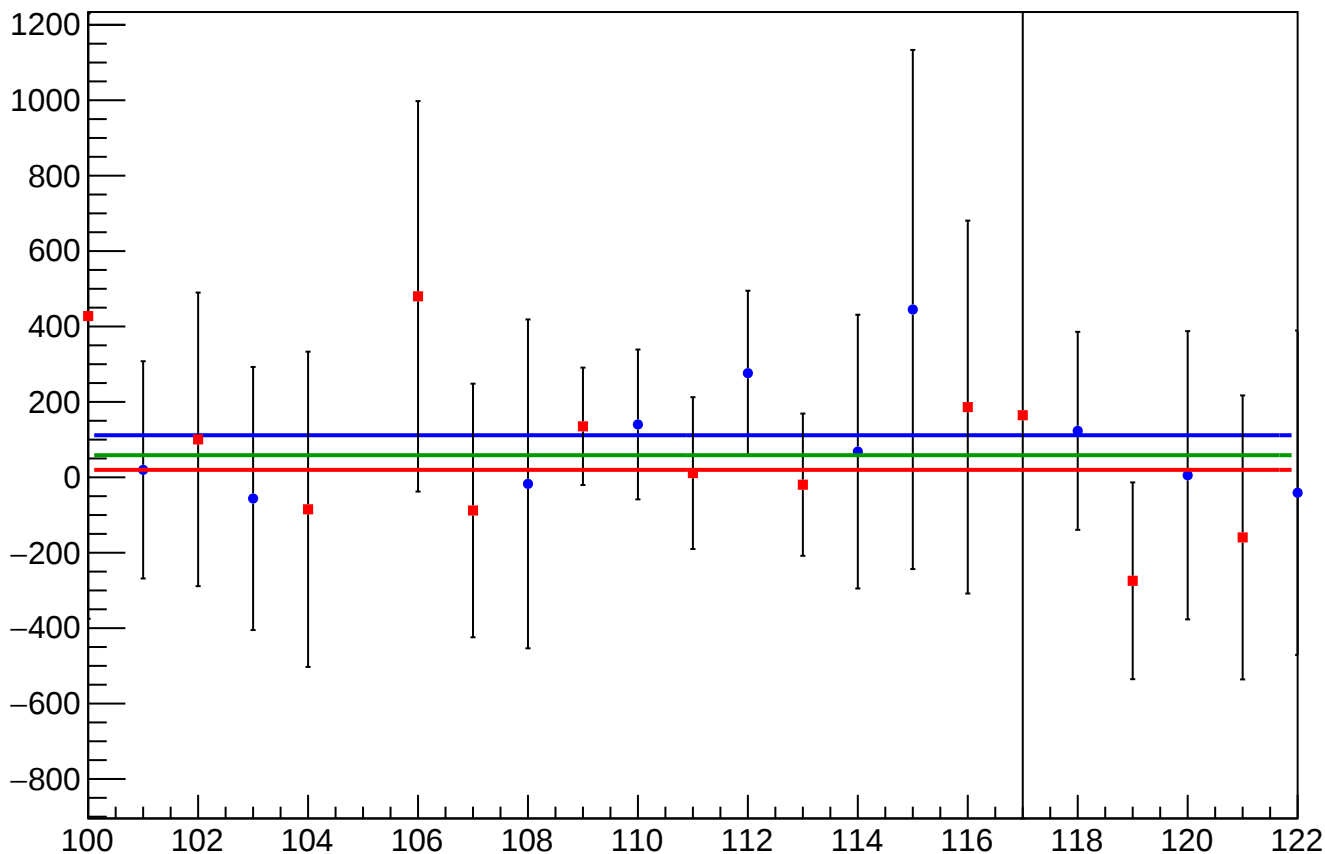
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

22.860 $\pm$ 0.008 χ^2 /NDF: 9973.4/9

22.849 $\pm$ 0.006 χ^2 /NDF: 20118.6/21

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: 111.617+/-96.118 χ^2/NDF : 1.5/9

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

Right Out: 19.809+/-82.425 χ^2/NDF : 3.5/11

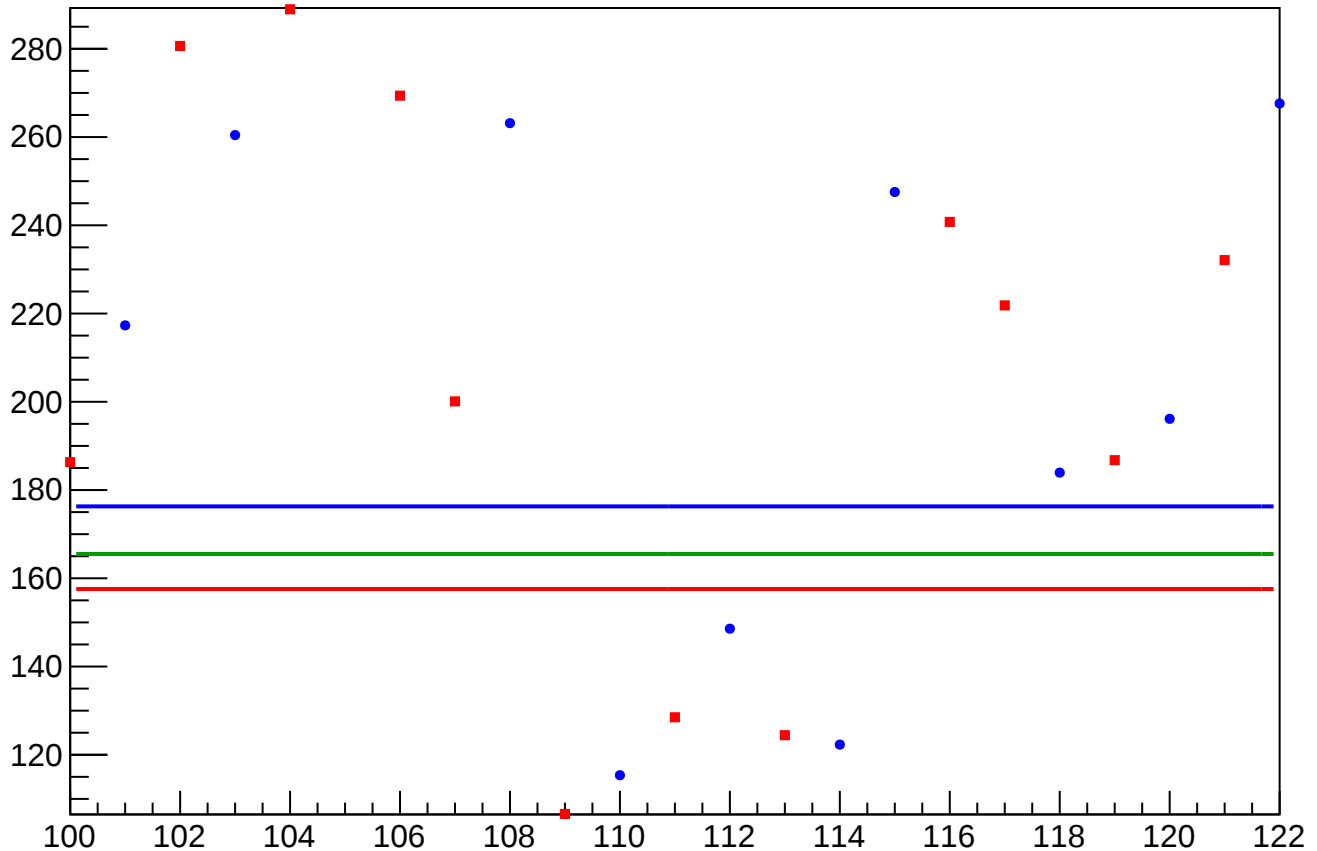
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

111.617+/-96.118 χ^2/NDF : 1.5/9

58.713+/-62.569 χ^2/NDF : 5.5/21

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: 176.295+/-0.068 χ^2/NDF : 619453.2/9

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

Right Out: 157.572+/-0.058 χ^2/NDF : 1010414.2/11

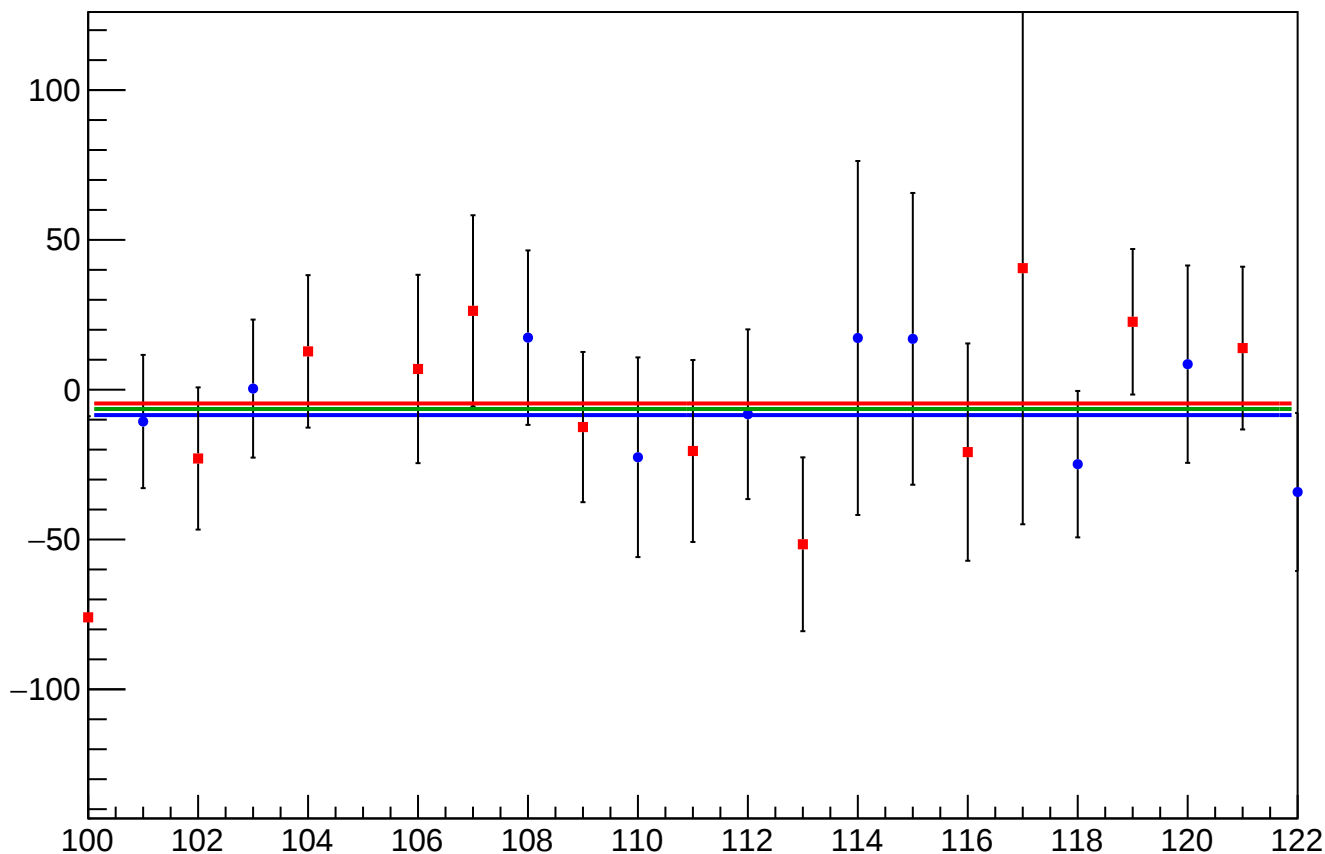
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

176.295+/-0.068 χ^2/NDF : 619453.2/9

165.506+/-0.044 χ^2/NDF : 1673599.8/21

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: -8.478+/-9.138 χ^2 /NDF: 3.2/9

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

Right Out: -4.598+/-8.655 χ^2 /NDF: 8.5/11

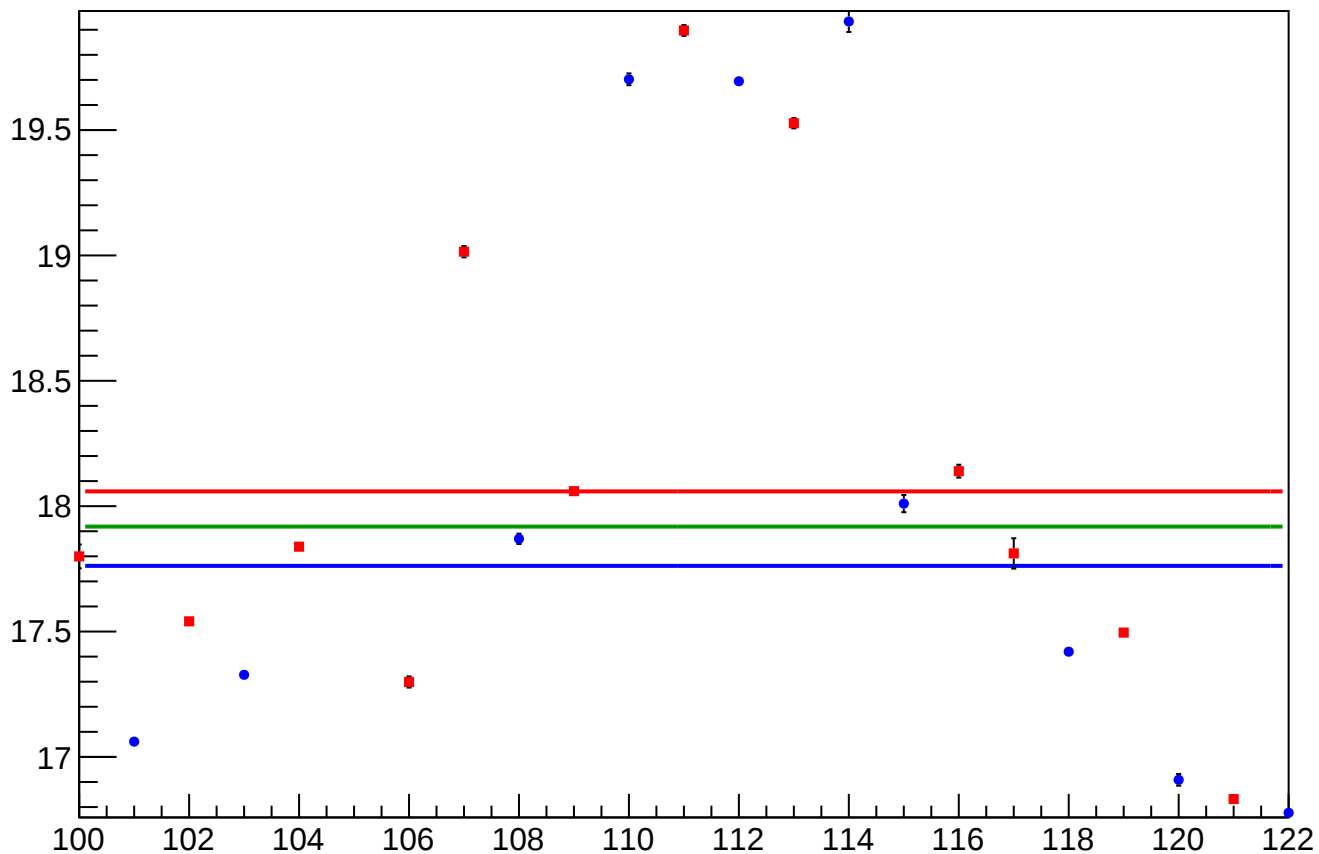
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-8.478+/-9.138 χ^2 /NDF: 3.2/9

-6.433+/-6.284 χ^2 /NDF: 11.8/21

-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: 17.762 $\pm$ 0.006 χ^2 /NDF: 26096.1/9

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

Right Out: 18.059 $\pm$ 0.006 χ^2 /NDF: 21738.9/11

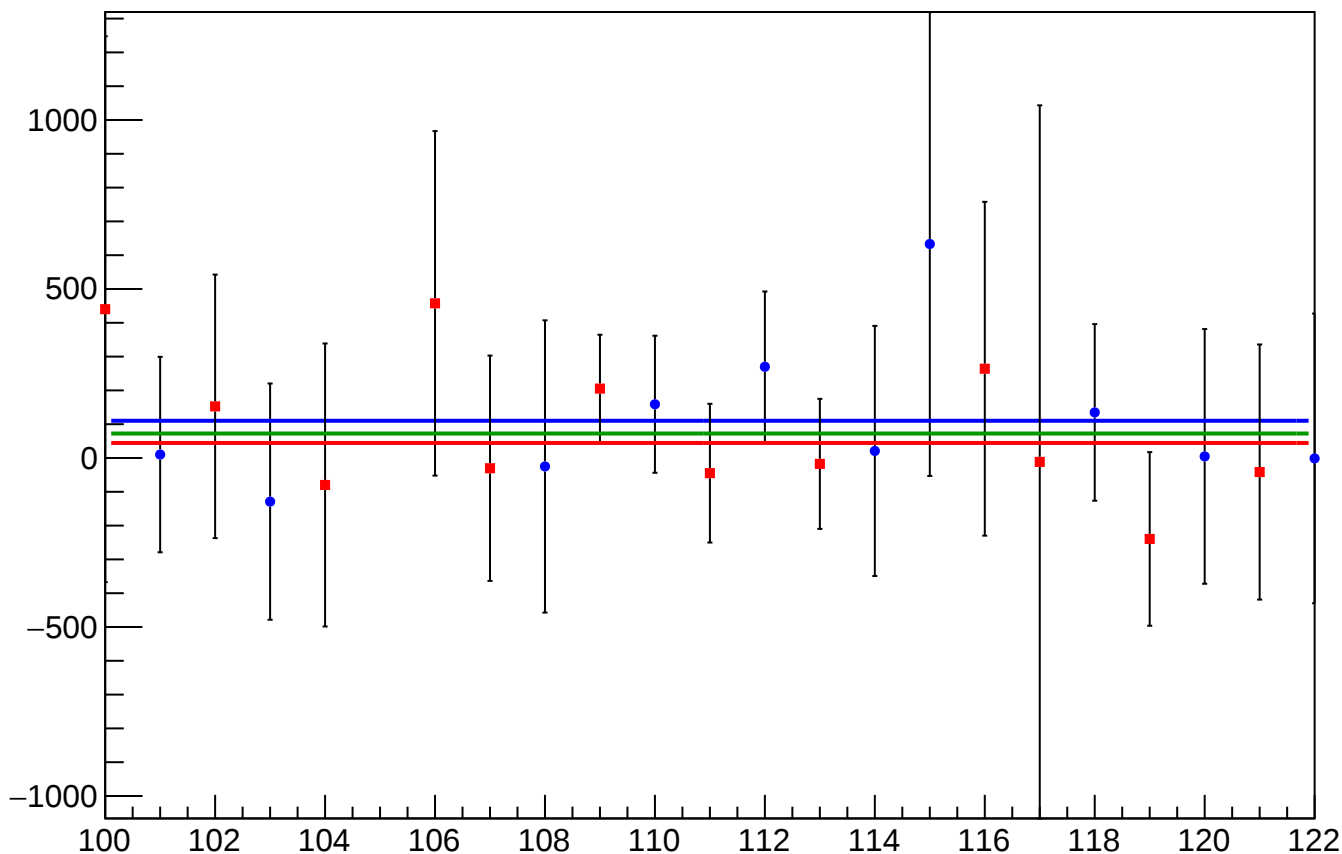
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.762 $\pm$ 0.006 χ^2 /NDF: 26096.1/9

17.919 $\pm$ 0.004 χ^2 /NDF: 48949.4/21

18.059 $\pm$ 0.006 χ^2 /NDF: 21738.9/11

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 110.152 $\pm$ 96.878 χ^2 /NDF: 2.1/9

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

Right Out: 44.503 $\pm$ 83.354 χ^2 /NDF: 3.9/11

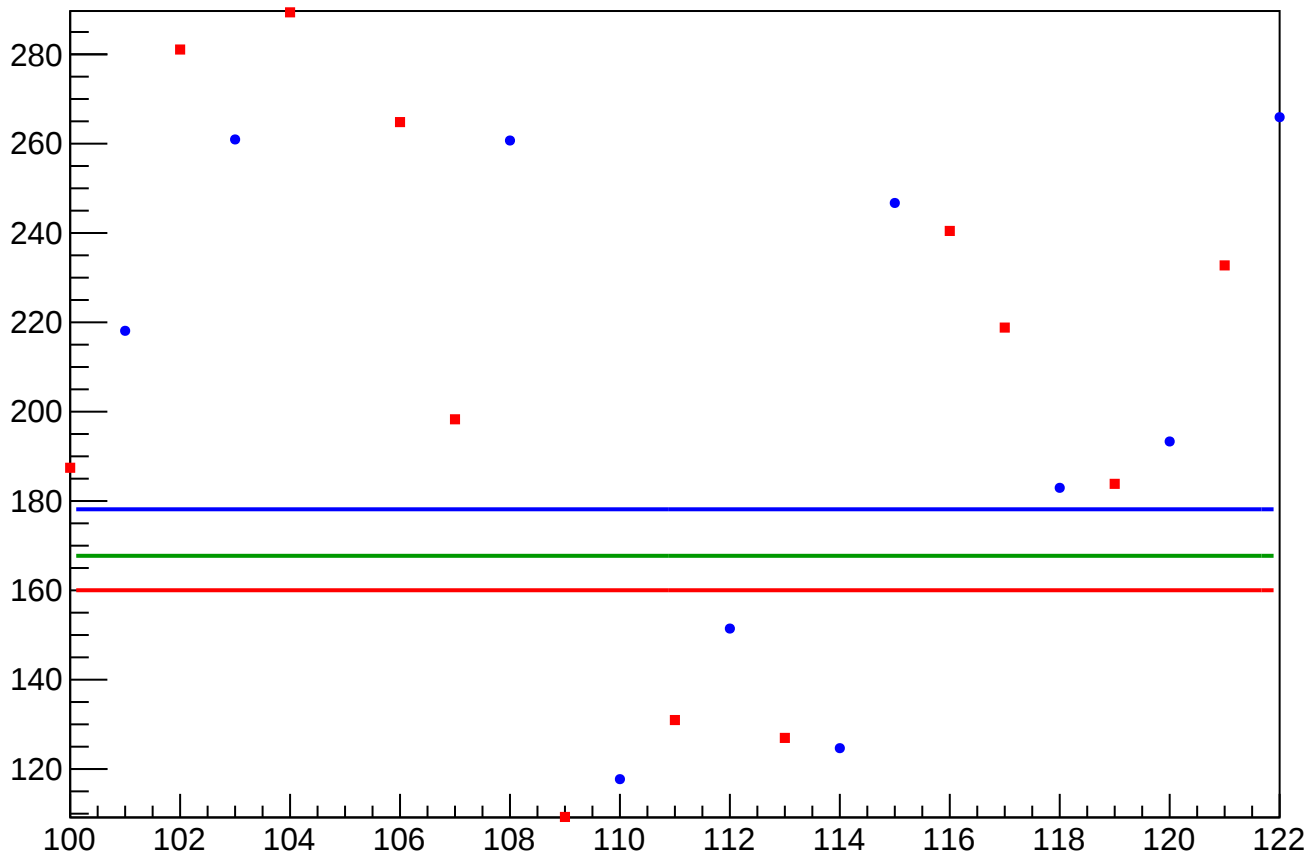
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

110.152 $\pm$ 96.878 χ^2 /NDF: 2.1/9

72.429 $\pm$ 63.185 χ^2 /NDF: 6.2/21

44.503 $\pm$ 83.354 χ^2 /NDF: 3.9/11

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 178.146+/-0.069 χ^2/NDF : 579300.1/9

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

Right Out: 160.022+/-0.059 χ^2/NDF : 949569.7/11

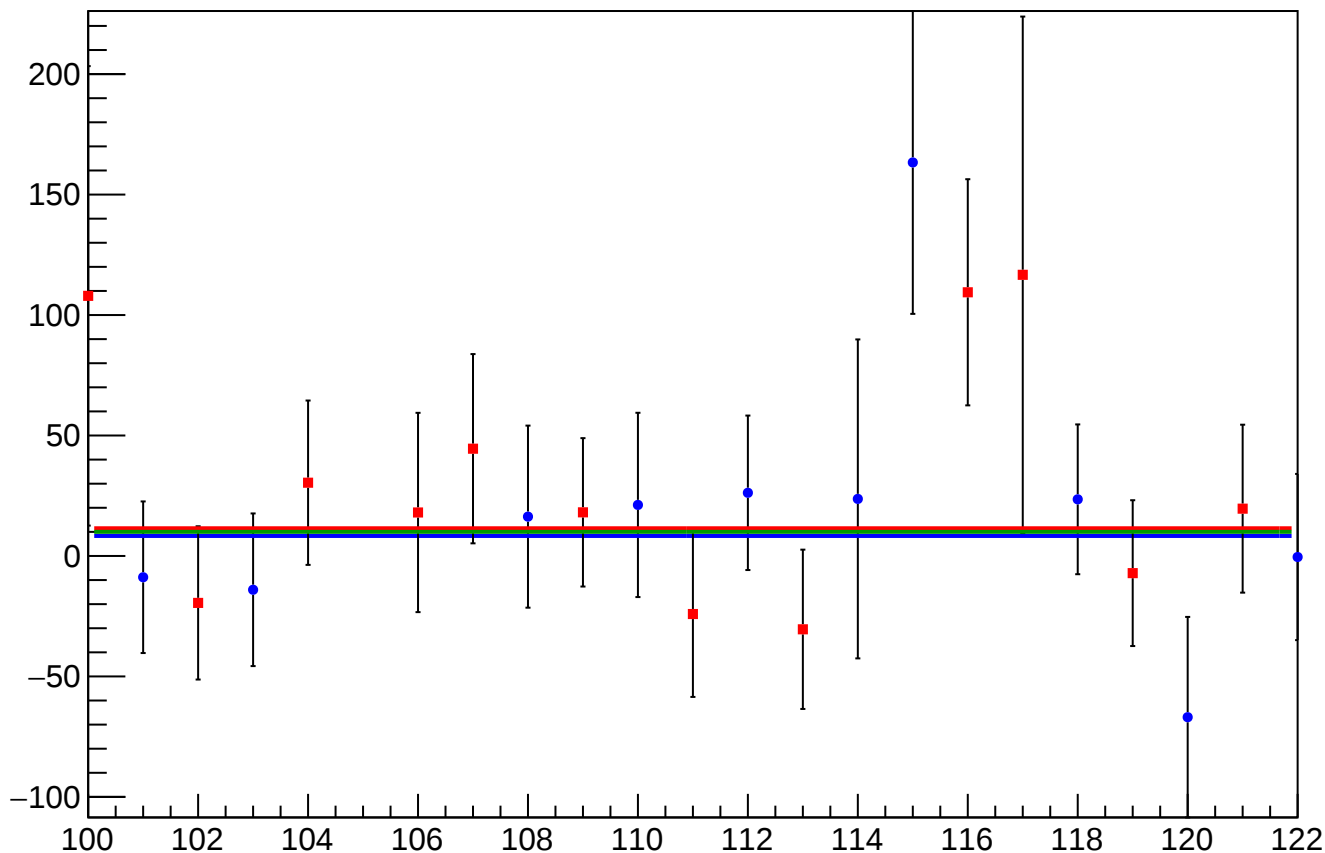
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

178.146+/-0.069 χ^2/NDF : 579300.1/9

167.732+/-0.045 χ^2/NDF : 1569090.2/21

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: 8.304+/-11.706 χ^2/NDF : 11.0/9

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

Right Out: 11.497+/-10.872 χ^2/NDF : 11.5/11

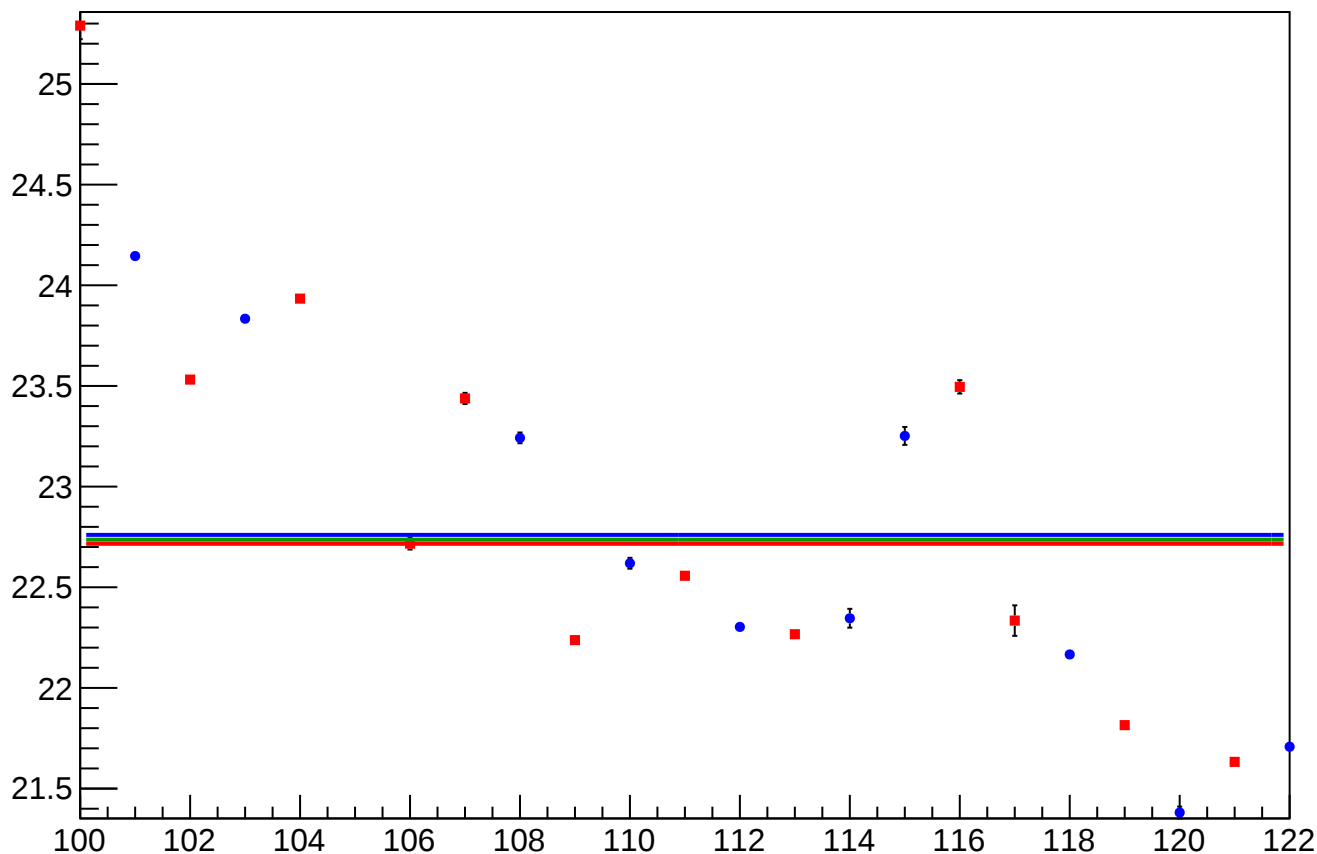
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8.304+/-11.706 χ^2/NDF : 11.0/9

10.018+/-7.966 χ^2/NDF : 22.5/21

11.497+/-10.872 χ^2/NDF : 11.5/11

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.760 $\pm$ 0.008 χ^2 /NDF: 11920.2/9

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

Right Out: 22.716 $\pm$ 0.008 χ^2 /NDF: 11173.5/11

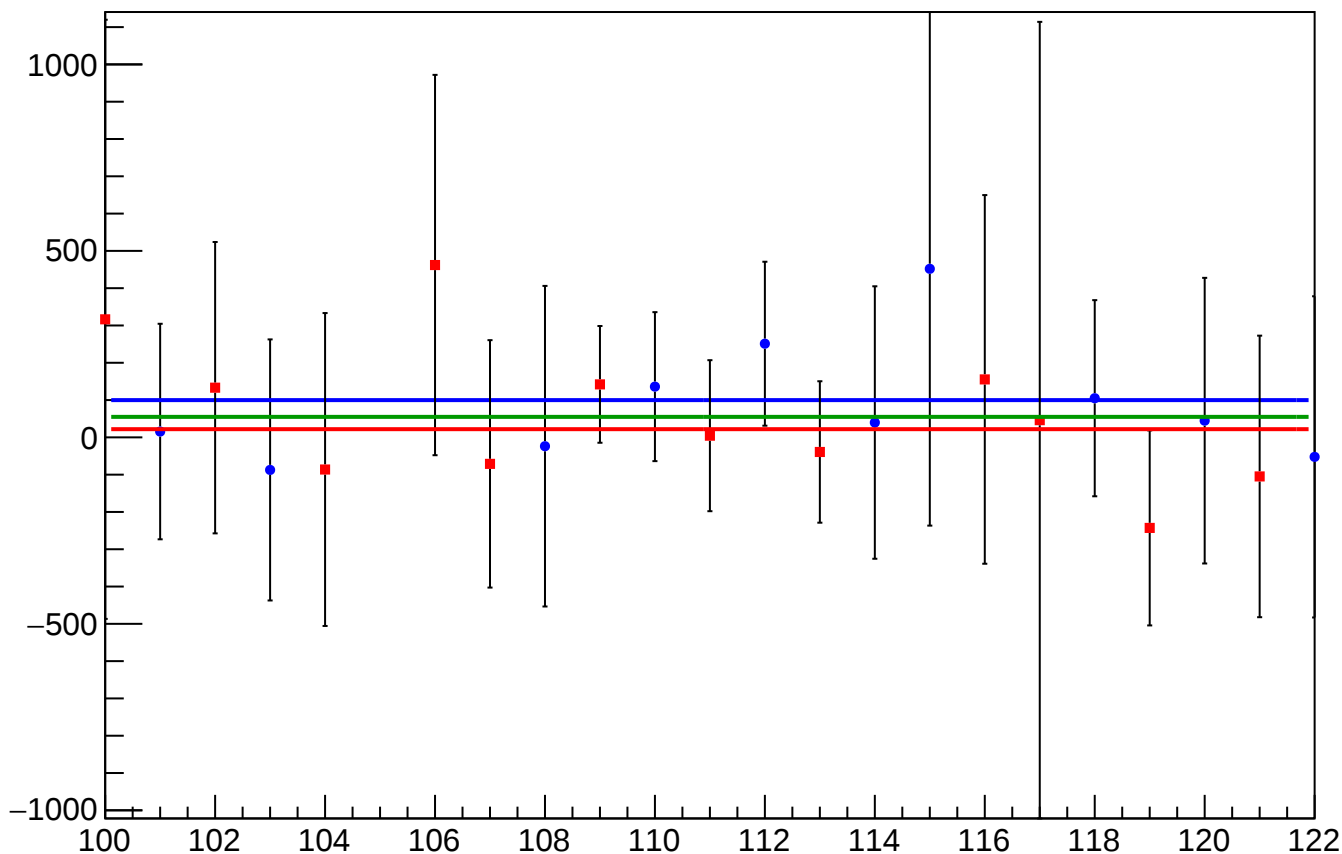
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

22.760 $\pm$ 0.008 χ^2 /NDF: 11920.2/9

22.736 $\pm$ 0.006 χ^2 /NDF: 23109.1/21

22.716 $\pm$ 0.008 χ^2 /NDF: 11173.5/11

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 99.861+/-96.406 χ^2/NDF : 1.4/9

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

Right Out: 21.955+/-82.655 χ^2/NDF : 3.0/11

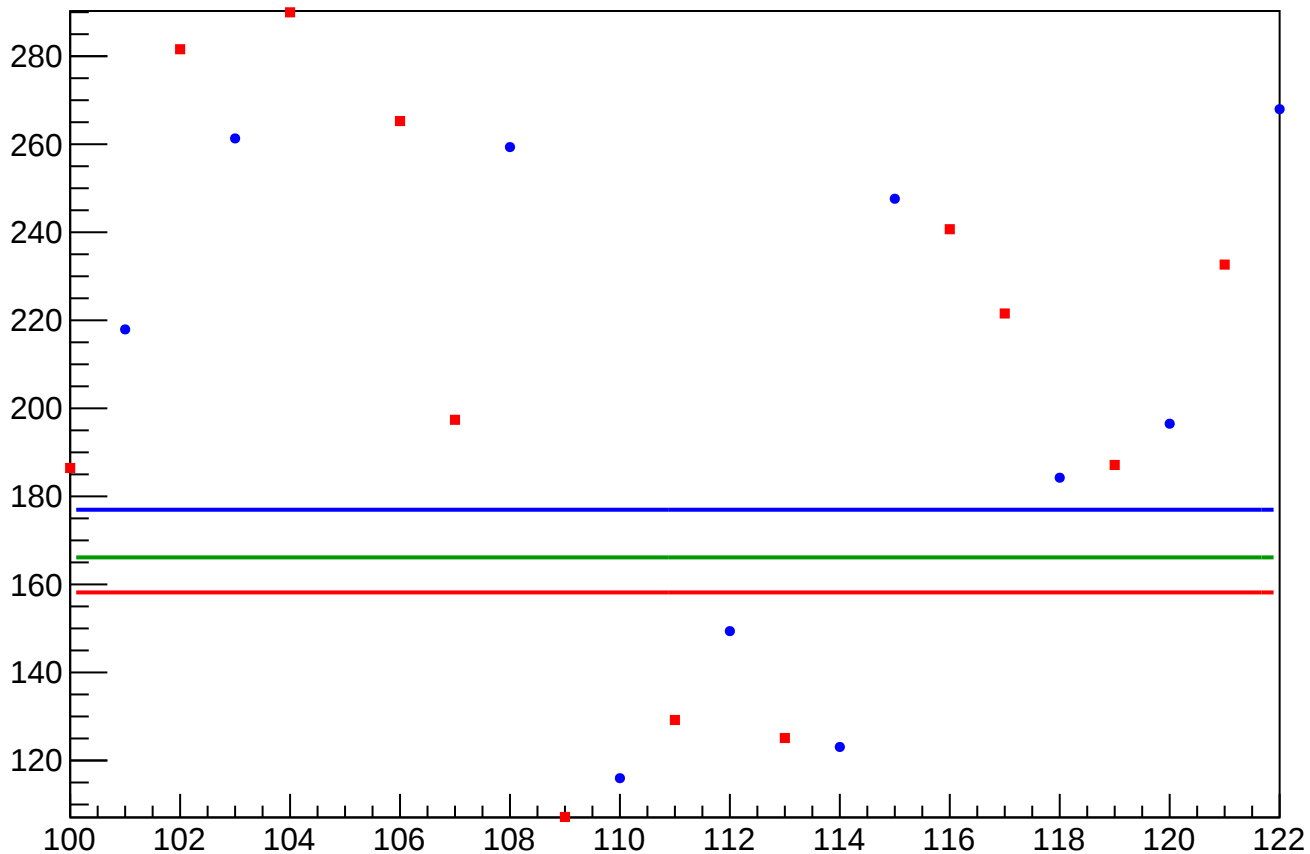
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

99.861+/-96.406 χ^2/NDF : 1.4/9

54.961+/-62.749 χ^2/NDF : 4.8/21

21.955+/-82.655 χ^2/NDF : 3.0/11

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 176.965 $\pm$ 0.068 χ^2 /NDF: 608414.0/9

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

Right Out: 158.179 $\pm$ 0.058 χ^2 /NDF: 995053.1/11

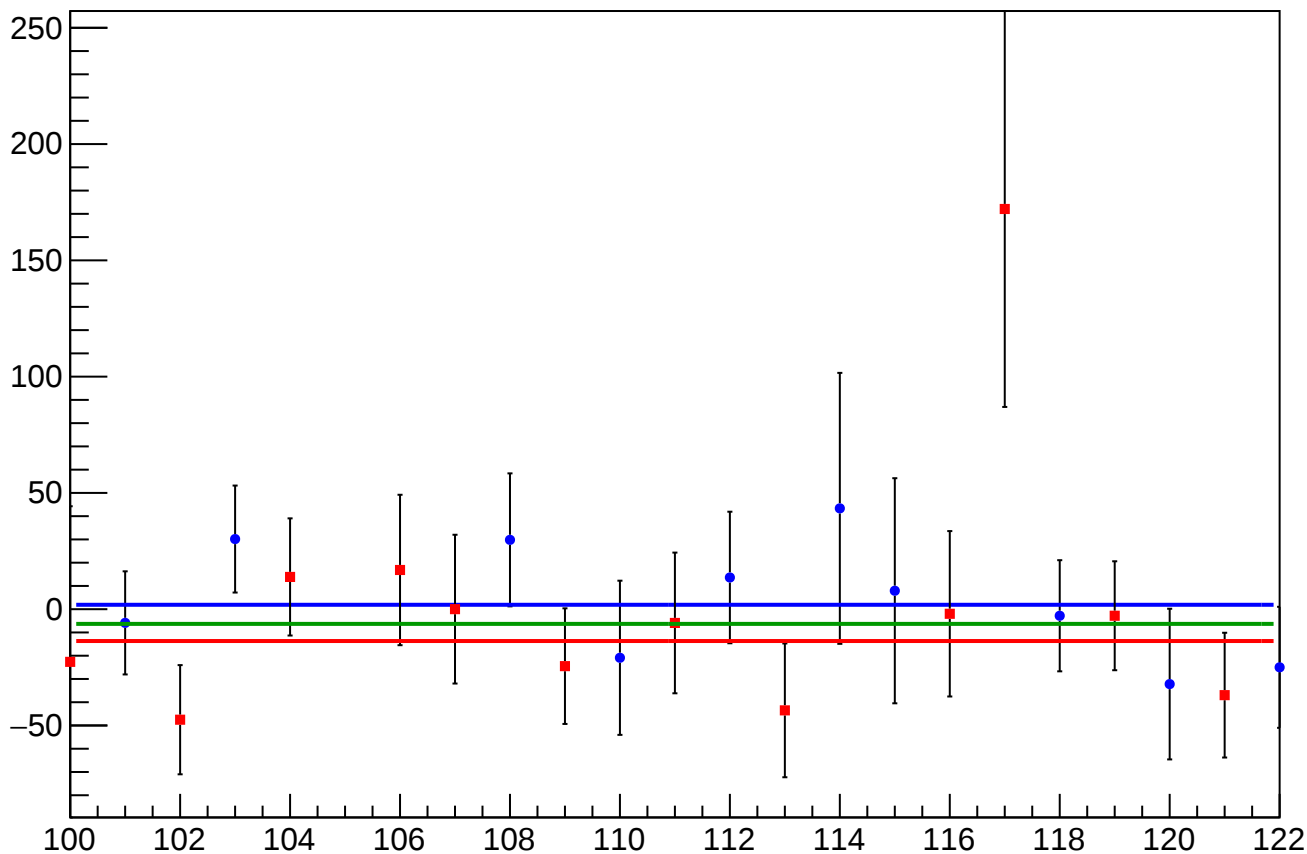
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

176.965 $\pm$ 0.068 χ^2 /NDF: 608414.0/9

166.138 $\pm$ 0.044 χ^2 /NDF: 1647240.2/21

158.179 $\pm$ 0.058 χ^2 /NDF: 995053.1/11

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.899+/-9.050 χ^2/NDF : 6.0/9

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

Right Out: -13.687+/-8.573 χ^2/NDF : 11.5/11

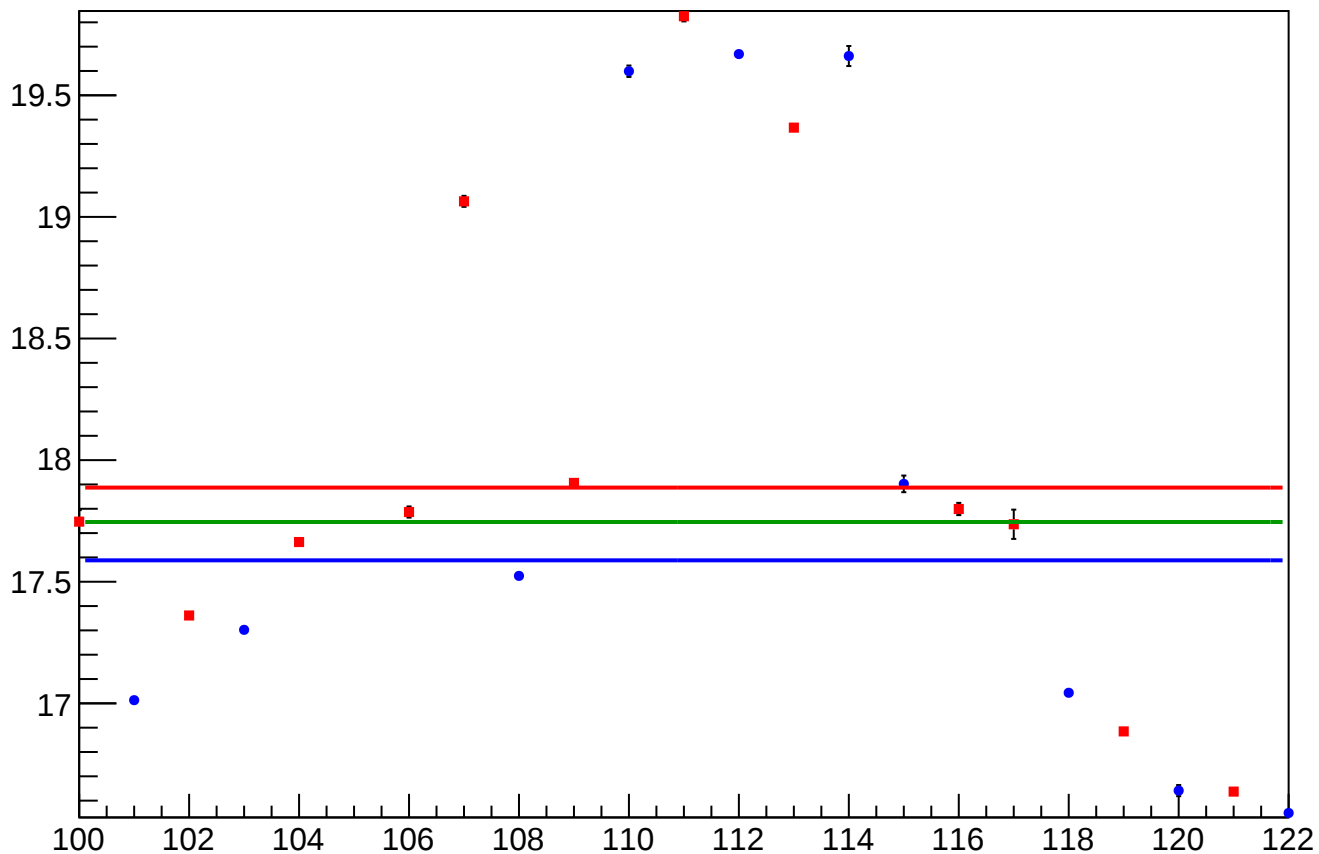
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.899+/-9.050 χ^2/NDF : 6.0/9

-6.315+/-6.224 χ^2/NDF : 19.1/21

-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: 17.588+/-0.006 χ^2/NDF : 28408.0/9

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

Right Out: 17.887+/-0.006 χ^2/NDF : 25424.5/11

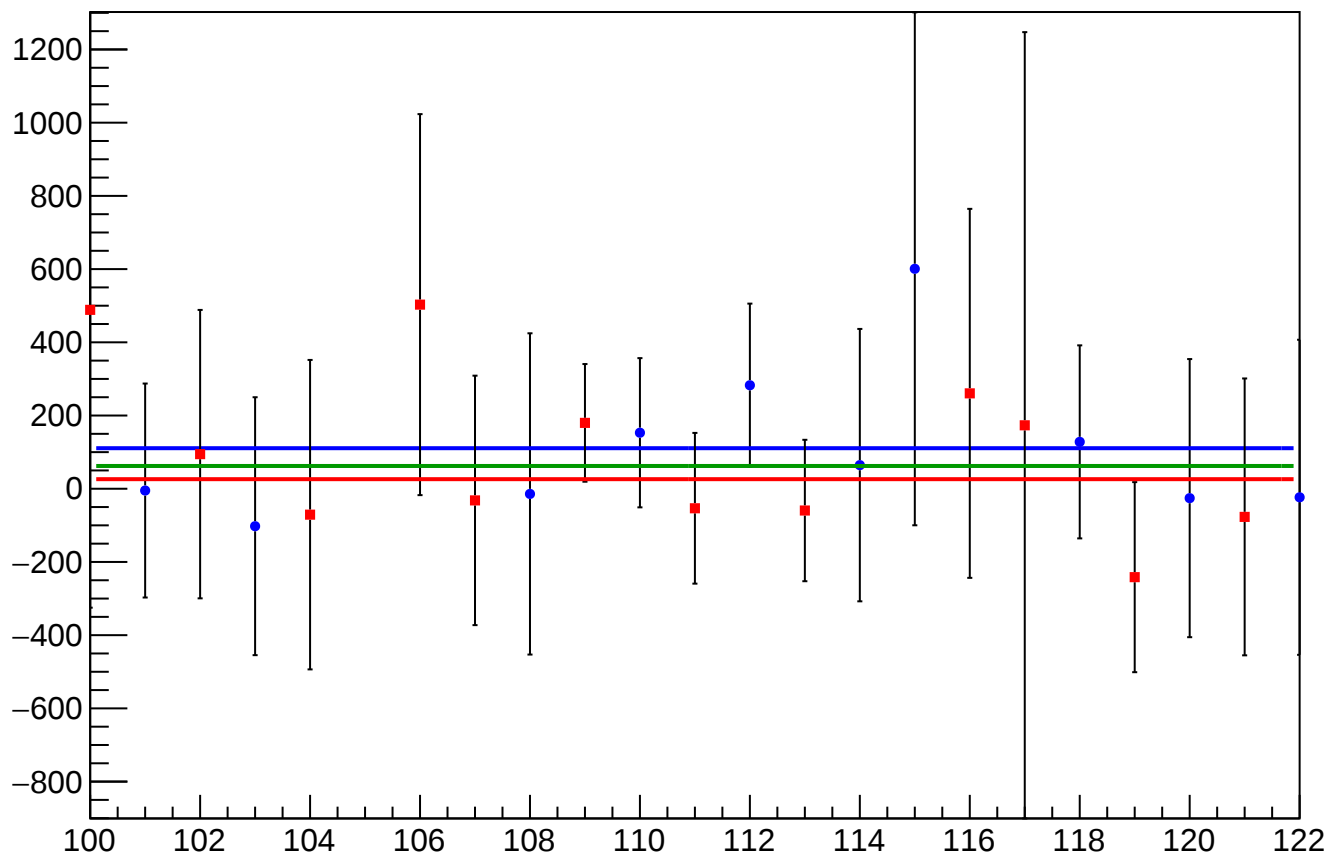
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.588+/-0.006 χ^2/NDF : 28408.0/9

17.746+/-0.004 χ^2/NDF : 54983.9/21

17.887+/-0.006 χ^2/NDF : 25424.5/11

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 110.755 $\pm$ 97.536 χ^2 /NDF: 2.0/9

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

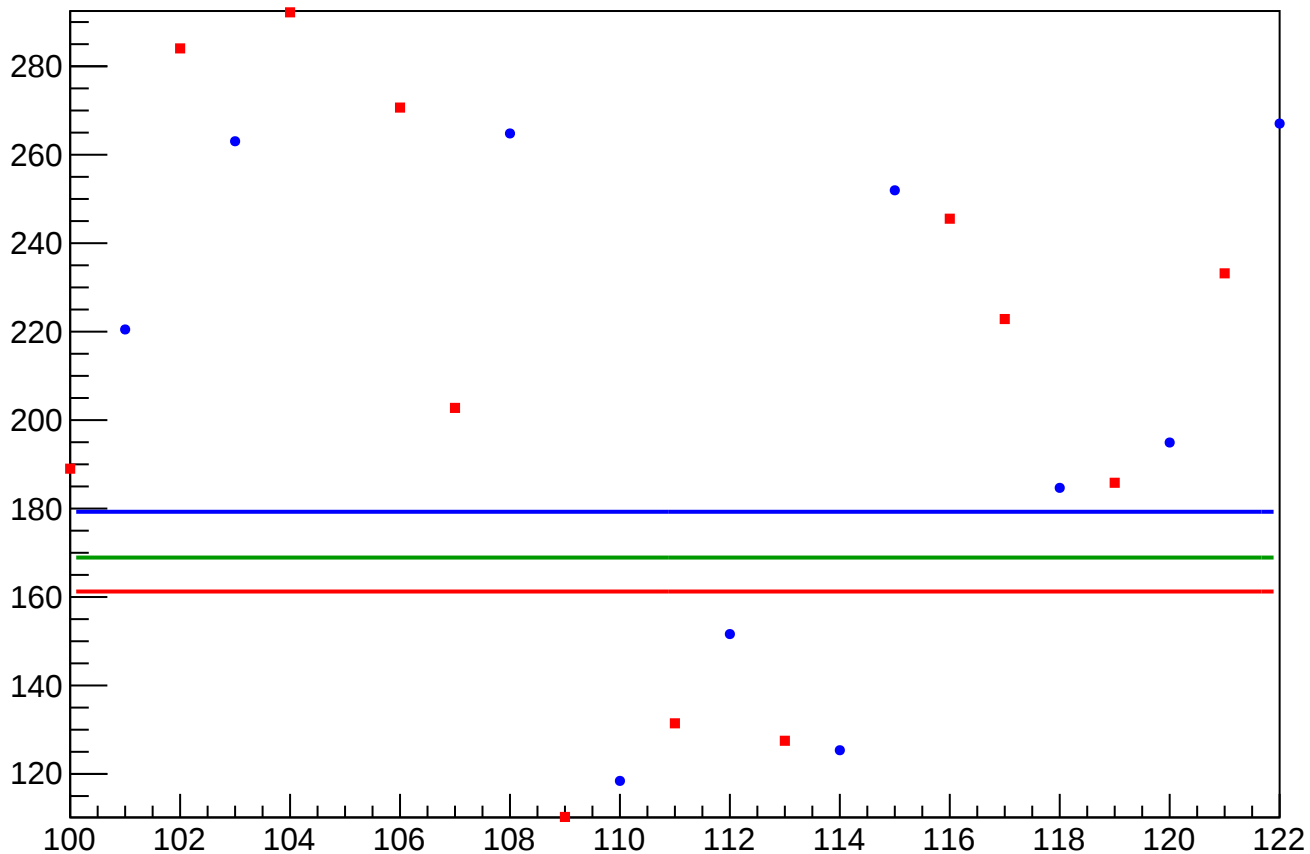
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

110.755 $\pm$ 97.536 χ^2 /NDF: 2.0/9

62.191 $\pm$ 63.665 χ^2 /NDF: 6.3/21

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: 179.274+/-0.069 χ^2/NDF : 588822.7/9

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

Right Out: 161.243+/-0.059 χ^2/NDF : 963685.0/11

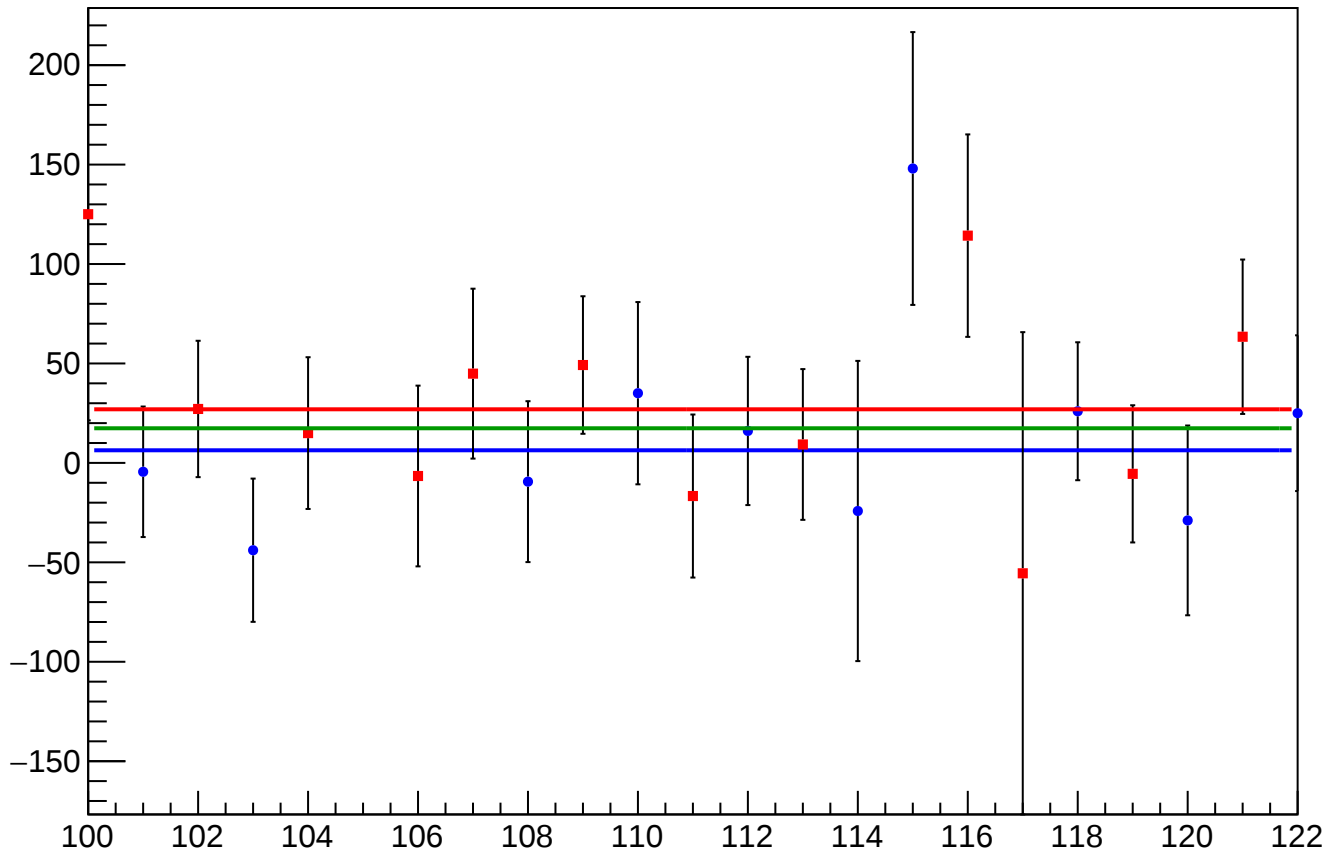
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

179.274+/-0.069 χ^2/NDF : 588822.7/9

168.925+/-0.045 χ^2/NDF : 1591735.1/21

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: 6.342+/-13.111 χ^2/NDF : 8.2/9

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

Right Out: 26.951+/-12.173 χ^2/NDF : 8.7/11

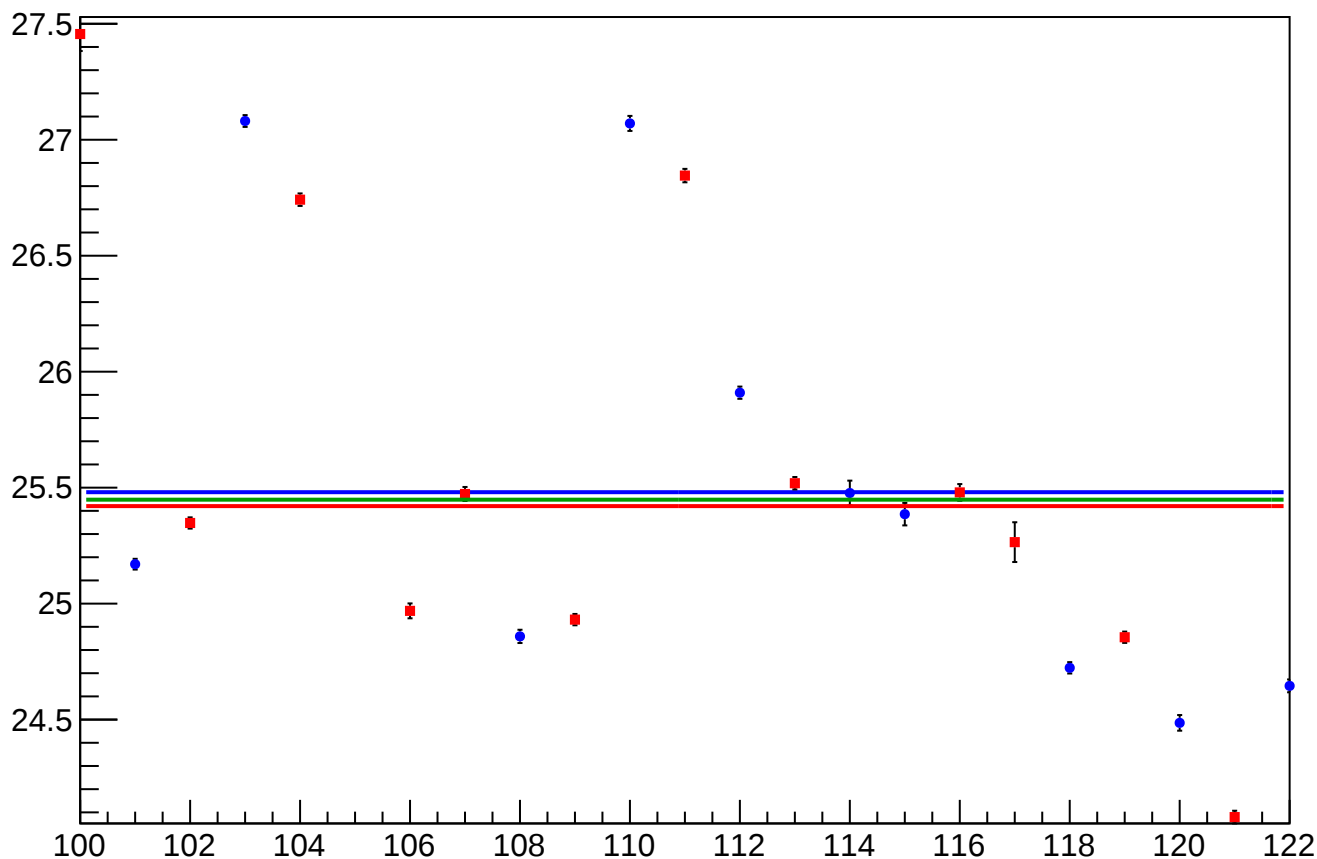
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.342+/-13.111 χ^2/NDF : 8.2/9

17.410+/-8.921 χ^2/NDF : 18.2/21

26.951+/-12.173 χ^2/NDF : 8.7/11

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.480+/-0.009 χ^2/NDF : 10008.8/9

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

Right Out: 25.420+/-0.009 χ^2/NDF : 9139.7/11

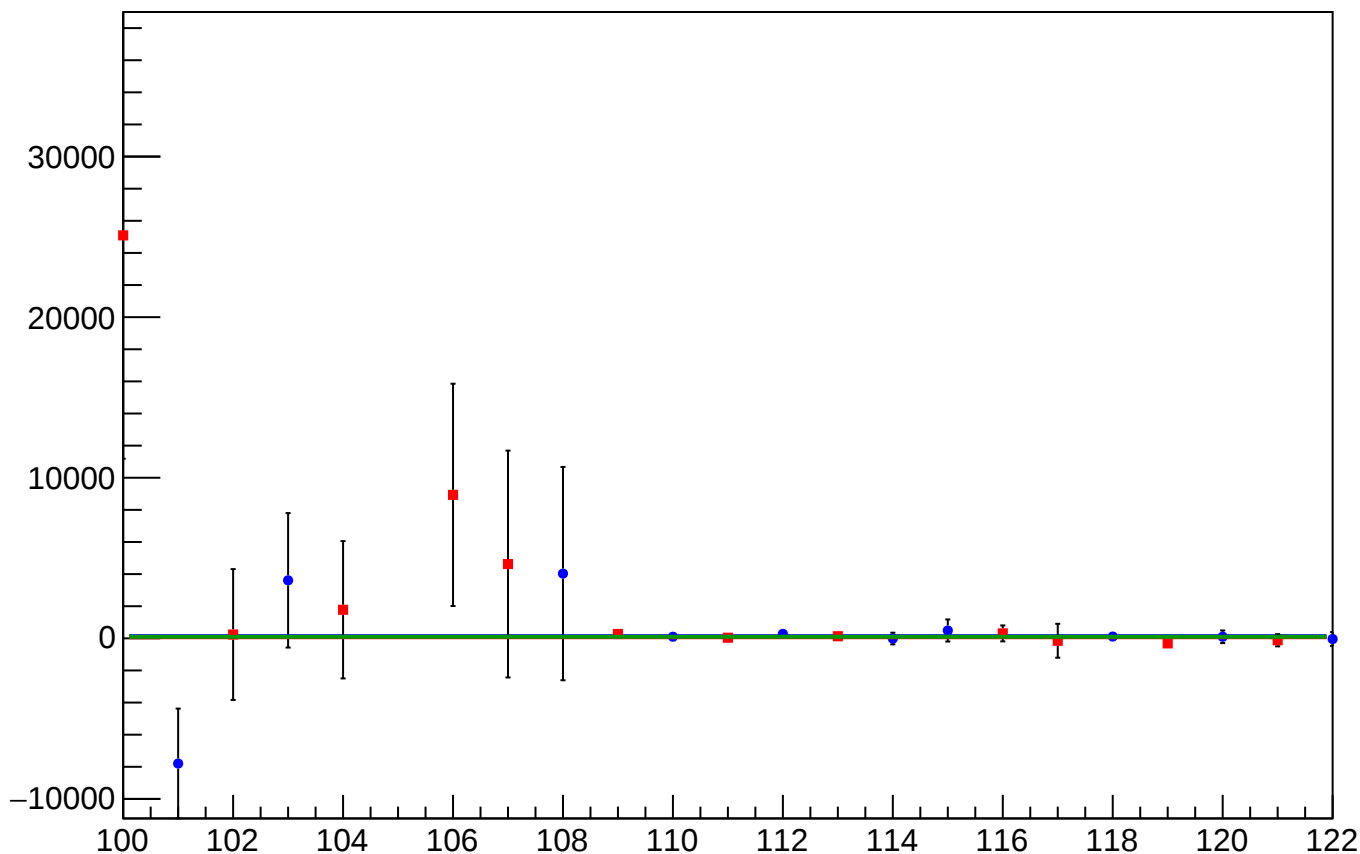
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

25.480+/-0.009 χ^2/NDF : 10008.8/9

25.448+/-0.006 χ^2/NDF : 19171.0/21

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: 132.292 $\pm$ 110.874 χ^2 /NDF: 7.5/9

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

Right Out: 68.703 $\pm$ 100.212 χ^2 /NDF: 9.0/11

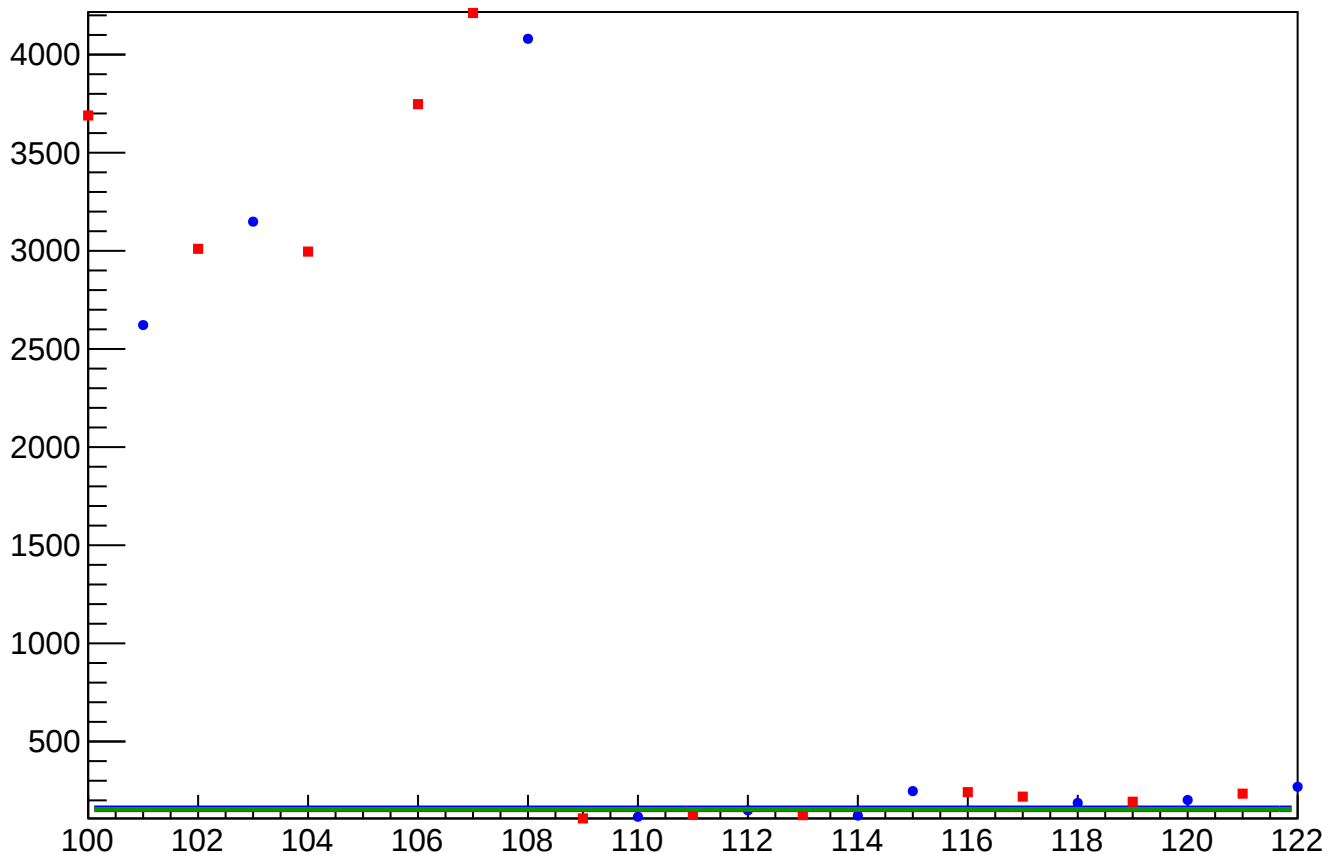
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

132.292 $\pm$ 110.874 χ^2 /NDF: 7.5/9

97.293 $\pm$ 74.345 χ^2 /NDF: 16.7/21

68.703 $\pm$ 100.212 χ^2 /NDF: 9.0/11

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 163.675+/-0.078 χ^2/NDF : 3072710.6/9

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

Right Out: 150.074+/-0.071 χ^2/NDF : 3562251.3/11

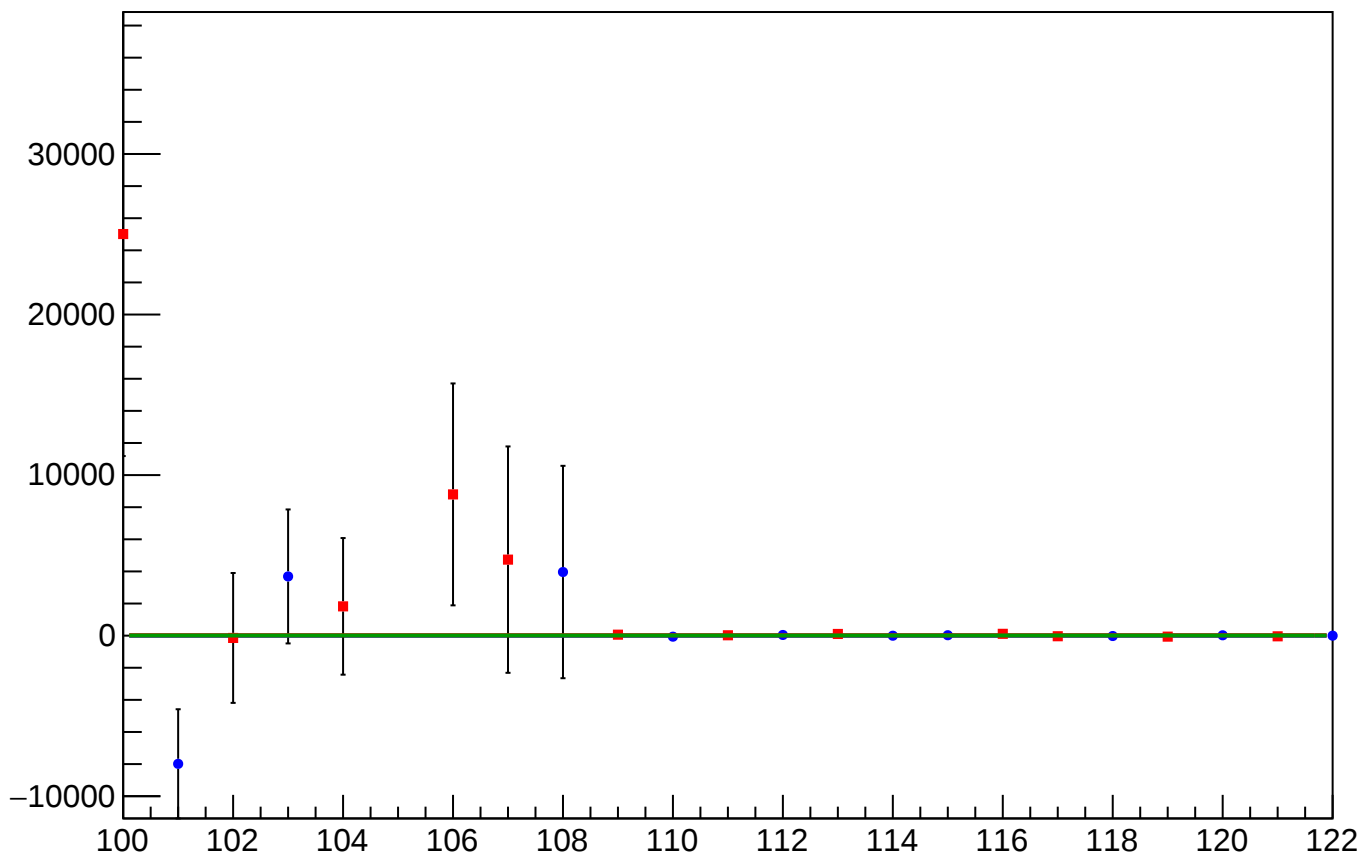
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

163.675+/-0.078 χ^2/NDF : 3072710.6/9

156.189+/-0.053 χ^2/NDF : 6651526.8/21

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: -3.042+/-18.283 χ^2/NDF : 10.4/9

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

Right Out: 24.283+/-17.969 χ^2/NDF : 19.5/11

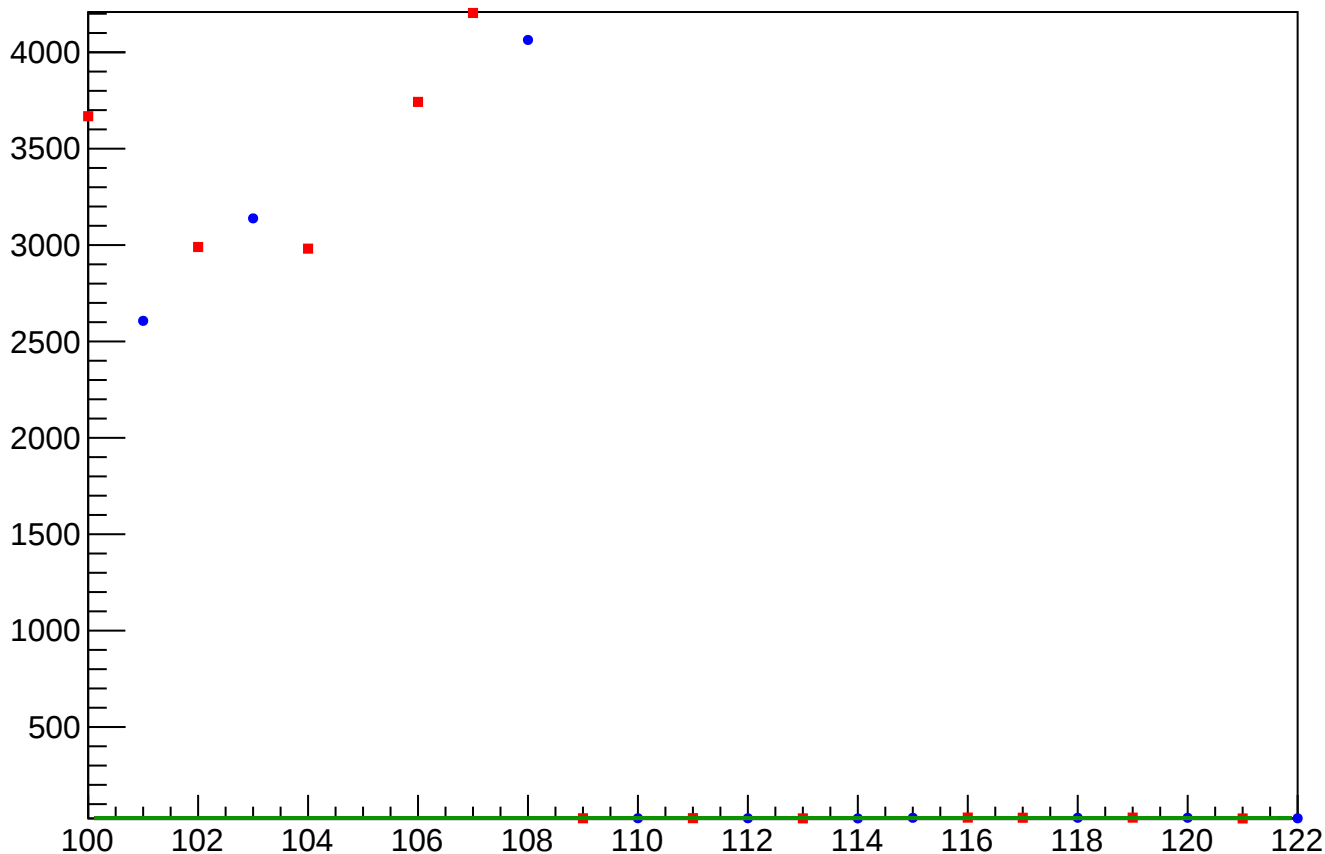
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.042+/-18.283 χ^2/NDF : 10.4/9

10.857+/-12.816 χ^2/NDF : 31.0/21

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: 27.614 $\pm$ 0.013 χ^2 /NDF: 3016439.1/9

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

Right Out: 27.608 $\pm$ 0.013 χ^2 /NDF: 3473530.9/11

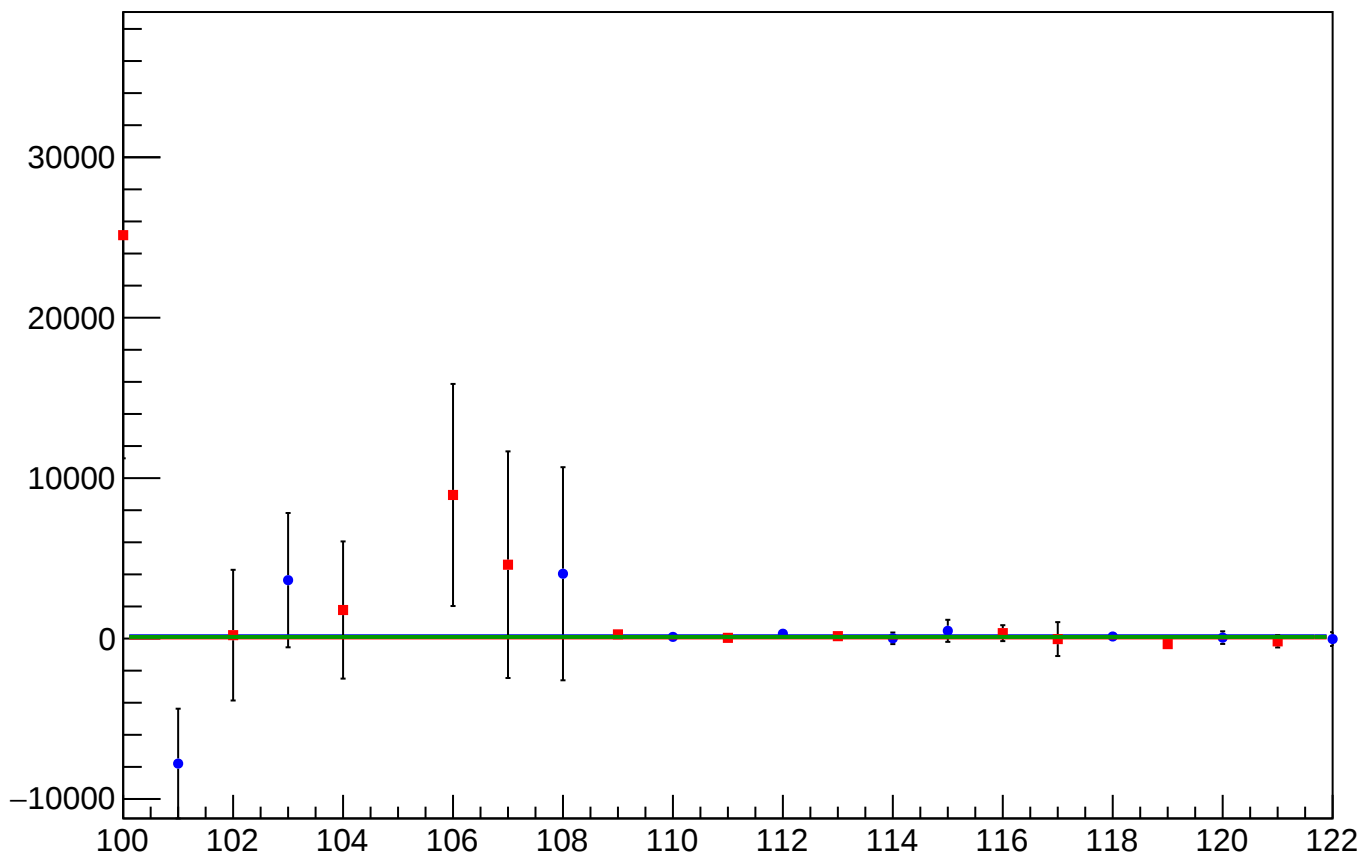
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

27.614 $\pm$ 0.013 χ^2 /NDF: 3016439.1/9

27.611 $\pm$ 0.009 χ^2 /NDF: 6489970.2/21

27.608 $\pm$ 0.013 χ^2 /NDF: 3473530.9/11

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 143.213+/-110.423 χ^2/NDF : 7.6/9

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

Right Out: 68.294+/-99.767 χ^2/NDF : 9.6/11

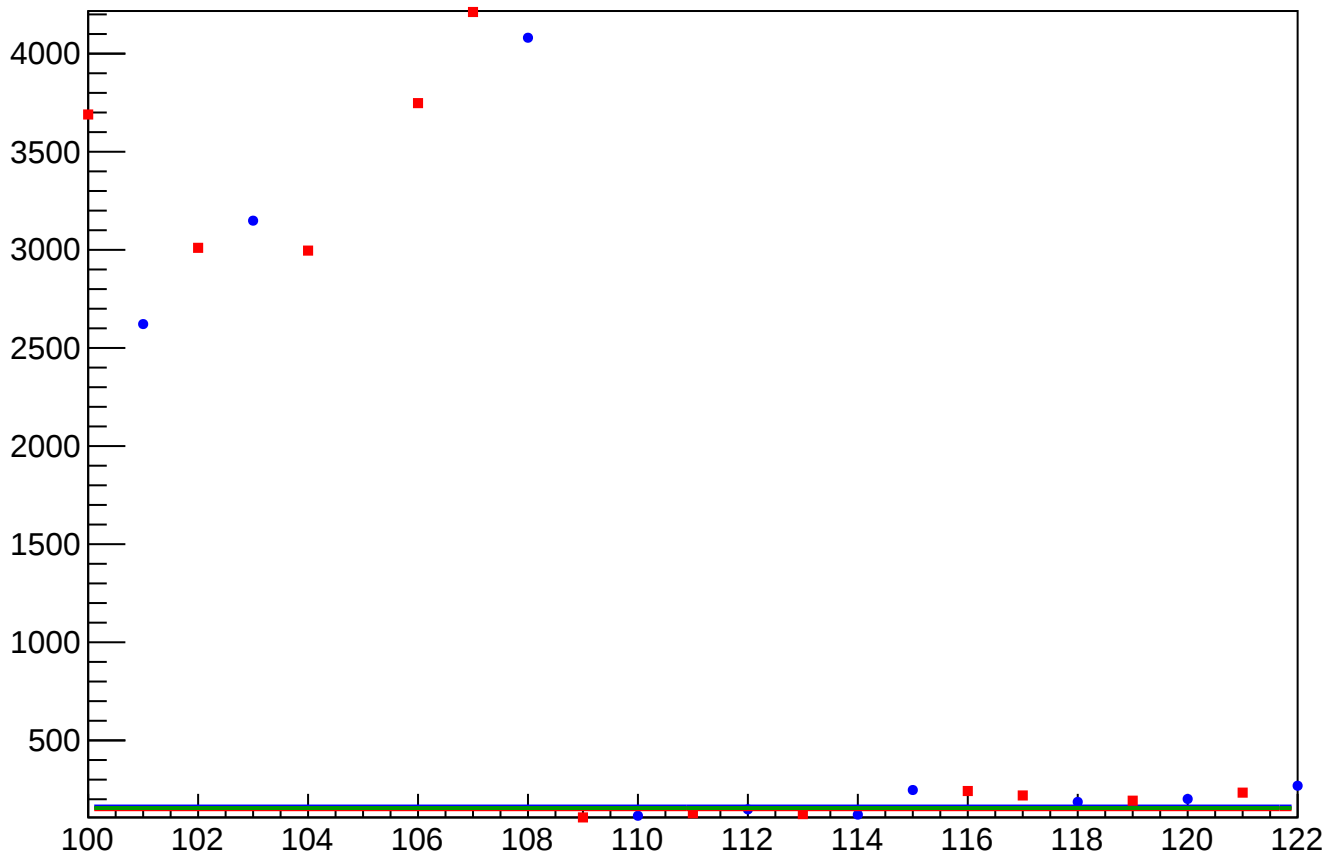
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

143.213+/-110.423 χ^2/NDF : 7.6/9

101.965+/-74.027 χ^2/NDF : 17.4/21

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: 162.911 $\pm$ 0.078 χ^2 /NDF: 3077992.3/9

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

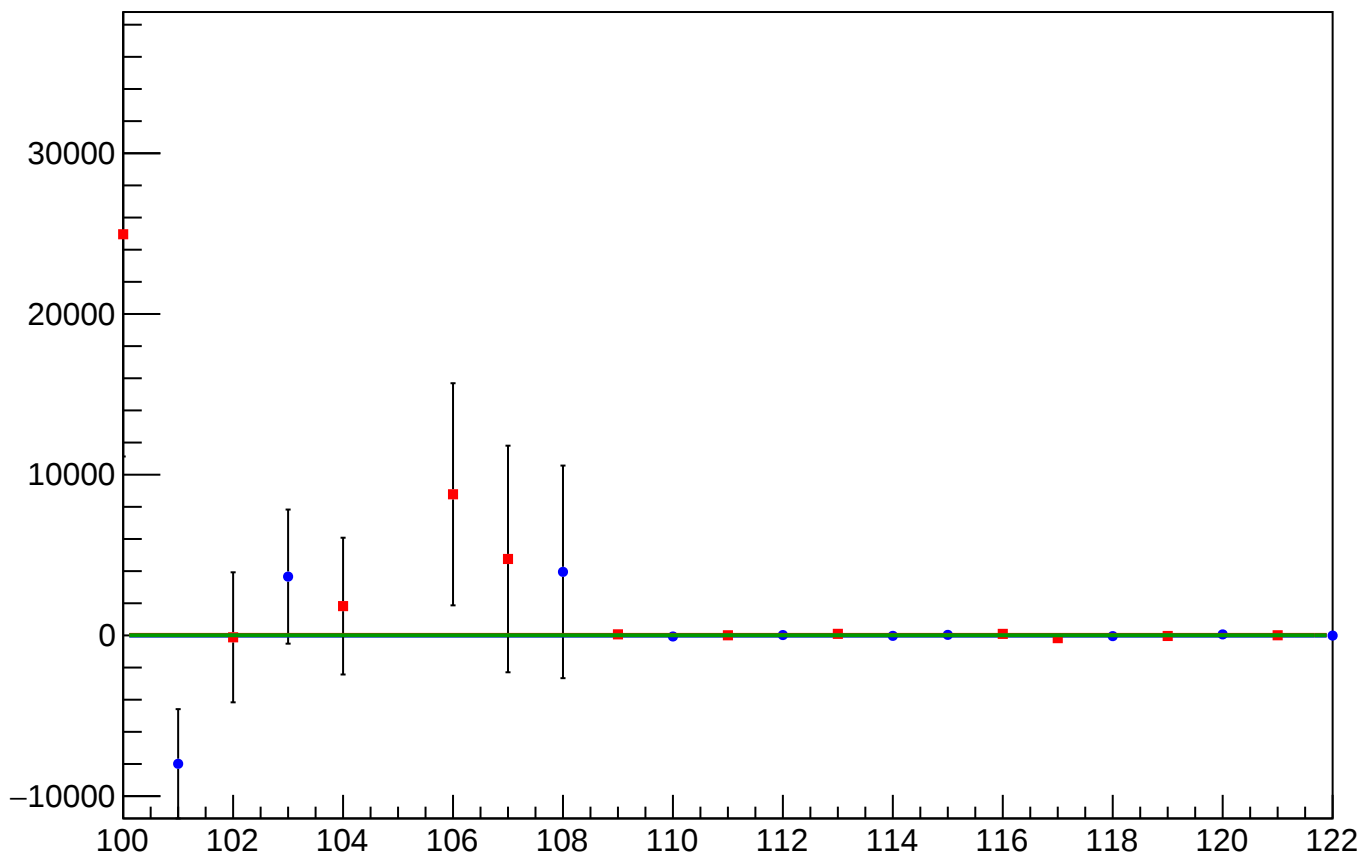
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

162.911 $\pm$ 0.078 χ^2 /NDF: 3077992.3/9

155.421 $\pm$ 0.052 χ^2 /NDF: 6662620.5/21

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: -10.634 $\pm$ 18.375 χ^2 /NDF: 11.6/9

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

Right Out: 31.363 $\pm$ 18.085 χ^2 /NDF: 15.0/11

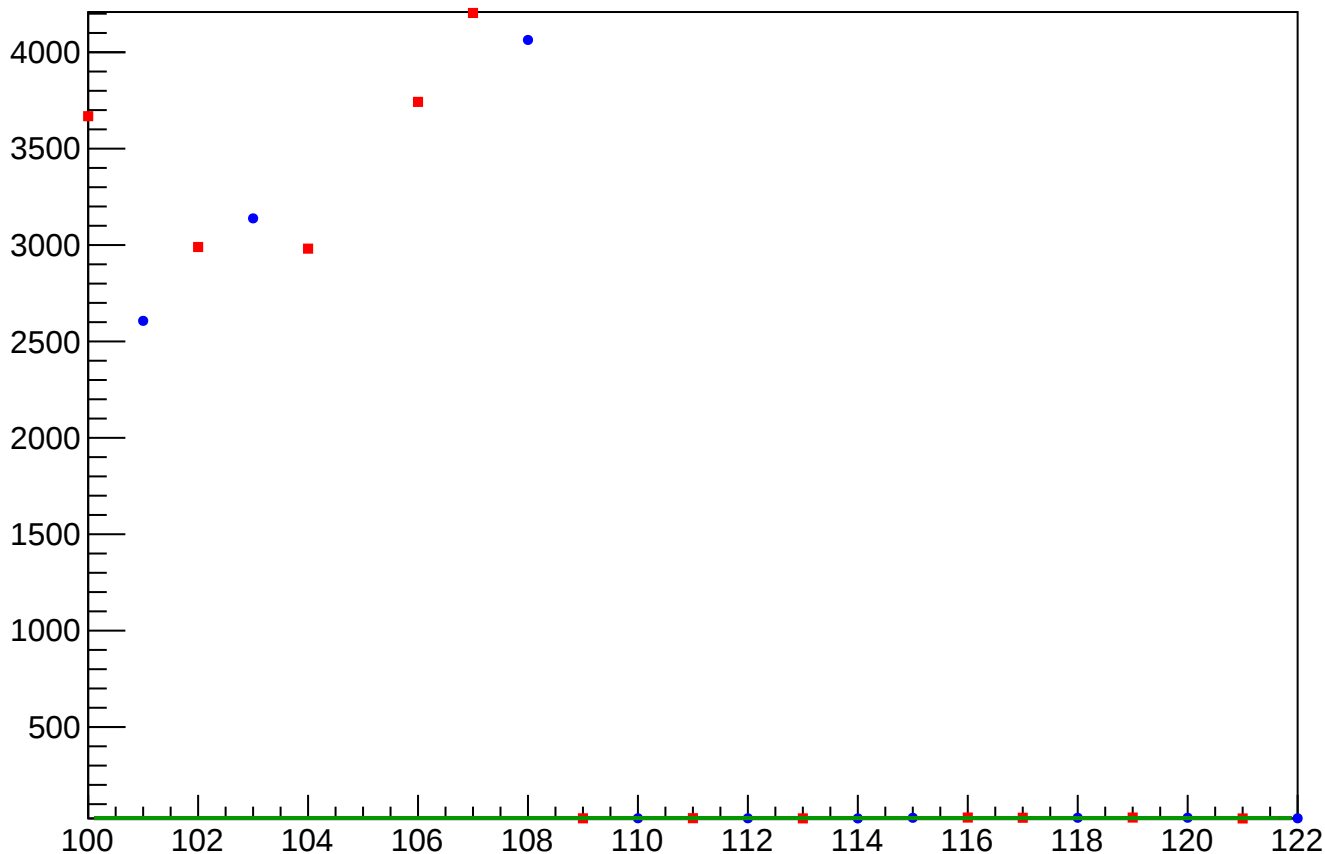
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-10.634 $\pm$ 18.375 χ^2 /NDF: 11.6/9

10.698 $\pm$ 12.889 χ^2 /NDF: 29.2/21

31.363 $\pm$ 18.085 χ^2 /NDF: 15.0/11

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.749+/-0.013 χ^2 /NDF: 3017149.1/9

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

Right Out: 27.780+/-0.013 χ^2 /NDF: 3475541.8/11

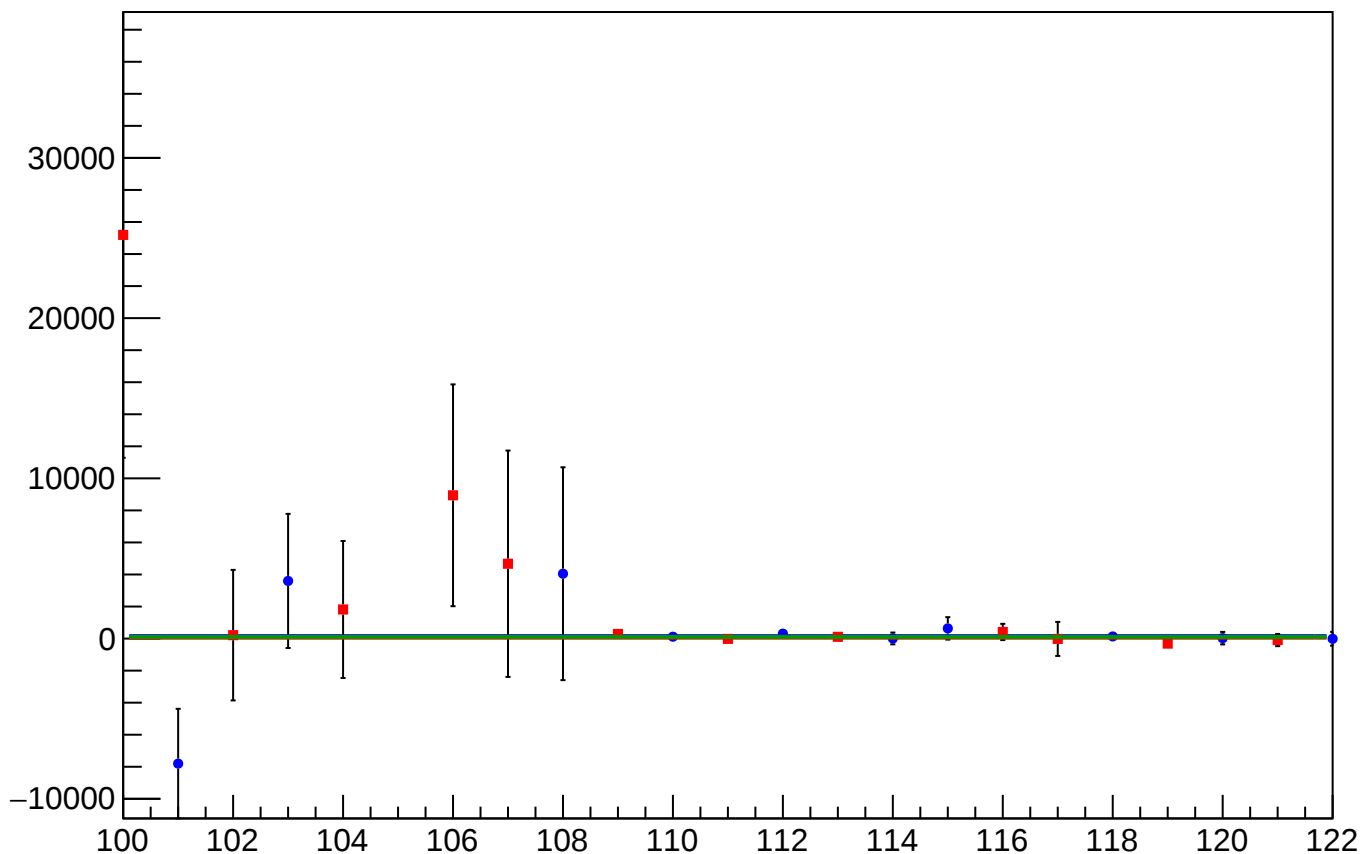
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

27.749+/-0.013 χ^2 /NDF: 3017149.1/9

27.765+/-0.009 χ^2 /NDF: 6492693.9/21

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: 150.800+/-112.010 χ^2/NDF : 7.8/9

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

Right Out: 57.004+/-101.453 χ^2/NDF : 9.4/11

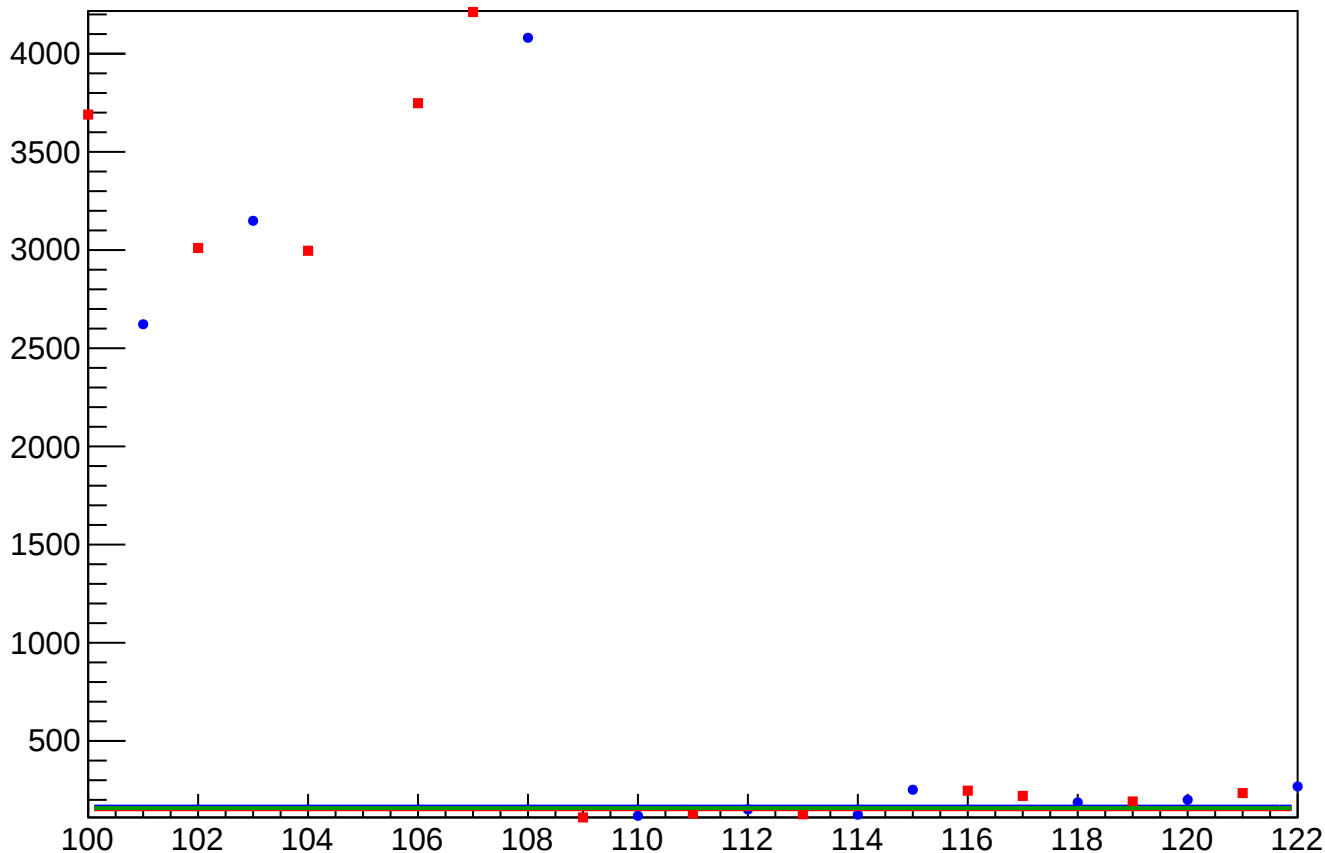
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

150.800+/-112.010 χ^2/NDF : 7.8/9

99.275+/-75.194 χ^2/NDF : 17.6/21

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: 165.677 $\pm$ 0.079 χ^2 /NDF: 3052177.6/9

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

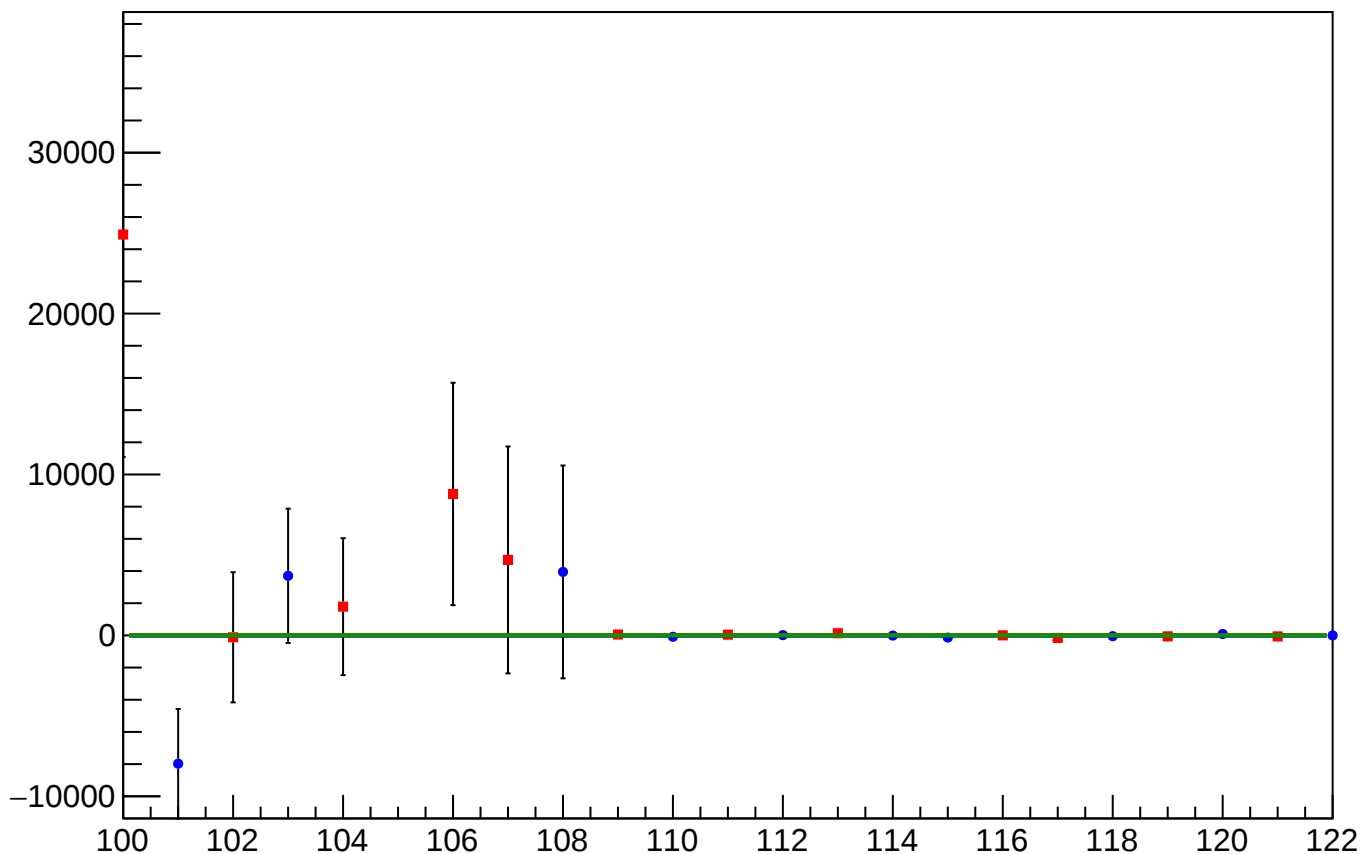
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

165.677 $\pm$ 0.079 χ^2 /NDF: 3052177.6/9

158.356 $\pm$ 0.053 χ^2 /NDF: 6609947.6/21

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: -20.070+/-22.427 χ^2/NDF : 13.0/9

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

Right Out: 16.784+/-21.958 χ^2/NDF : 18.2/11

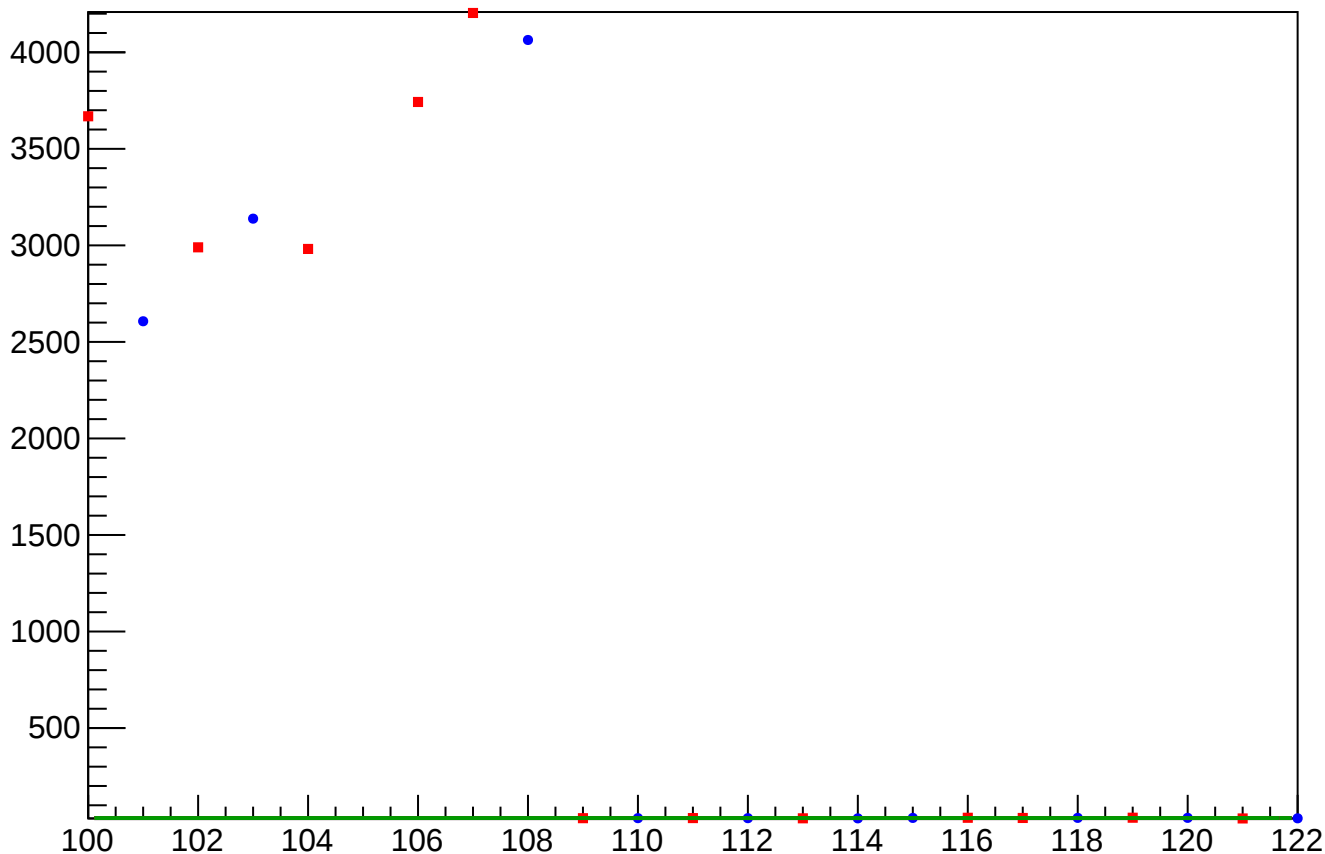
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-20.070+/-22.427 χ^2/NDF : 13.0/9

-1.254+/-15.690 χ^2/NDF : 32.6/21

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: 33.889+/-0.016 χ^2/NDF : 2998229.4/9

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

Right Out: 33.835+/-0.016 χ^2/NDF : 3449903.9/11

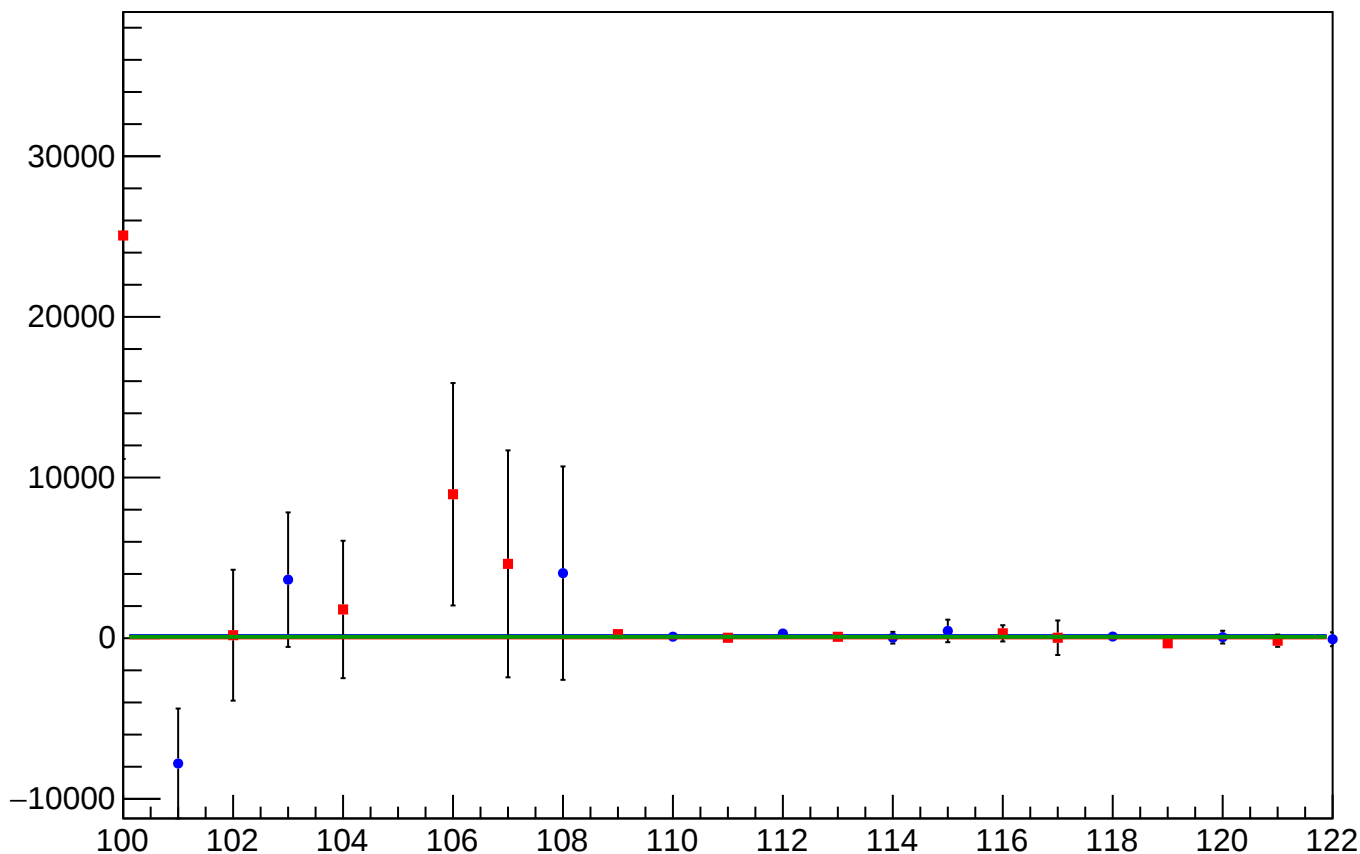
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

33.889+/-0.016 χ^2/NDF : 2998229.4/9

33.862+/-0.011 χ^2/NDF : 6448139.2/21

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: 131.835+/-111.311 χ^2/NDF : 7.5/9

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

Right Out: 49.926+/-100.635 χ^2/NDF : 8.8/11

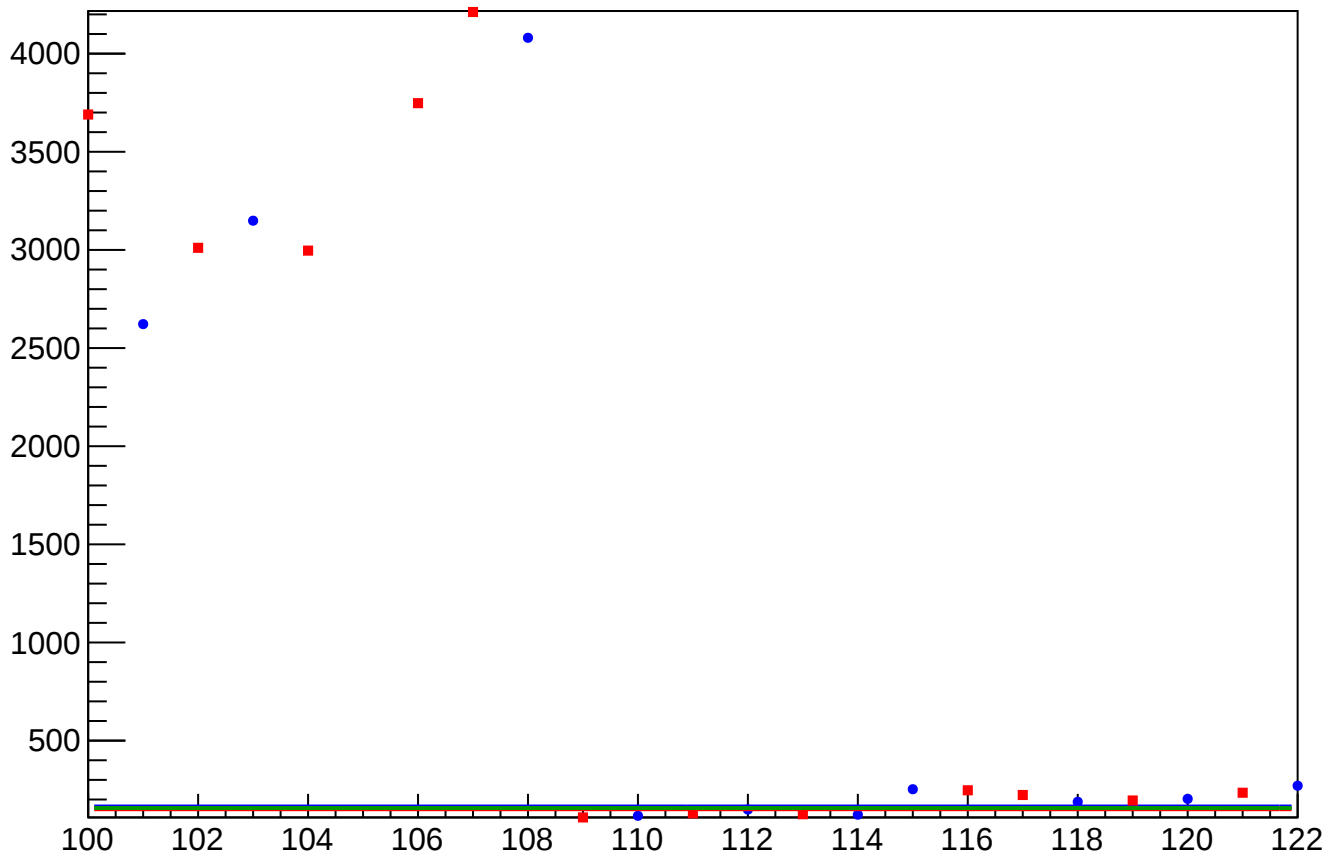
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

131.835+/-111.311 χ^2/NDF : 7.5/9

86.766+/-74.650 χ^2/NDF : 16.6/21

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: 164.286+/-0.079 χ^2/NDF : 3075926.1/9

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

Right Out: 150.672+/-0.071 χ^2/NDF : 3567150.7/11

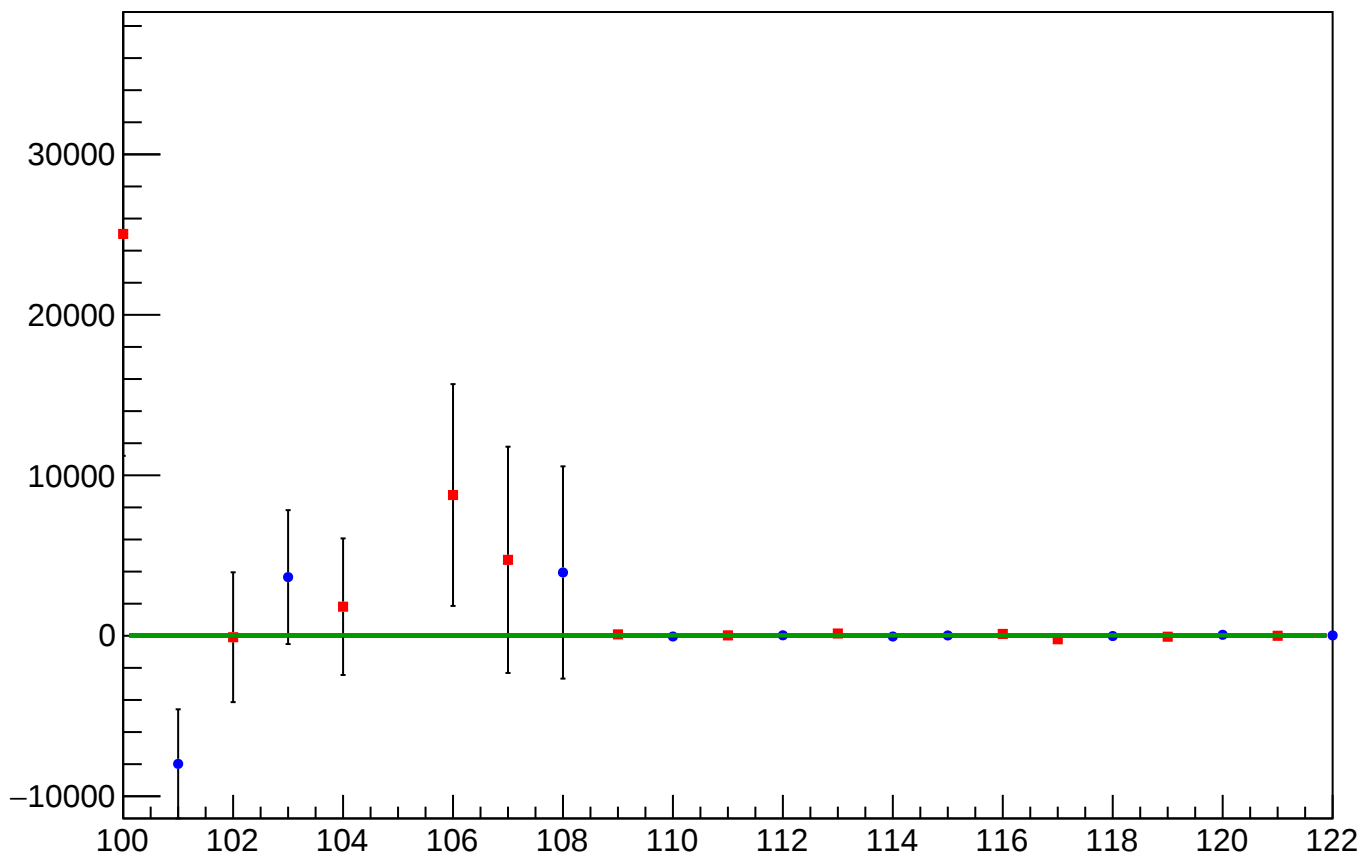
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

164.286+/-0.079 χ^2/NDF : 3075926.1/9

156.795+/-0.053 χ^2/NDF : 6659538.7/21

150.672+/-0.071 χ^2/NDF : 3567150.7/11

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 5.575+/-20.602 χ^2 /NDF: 9.4/9

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

Right Out: 38.895+/-20.219 χ^2 /NDF: 20.9/11

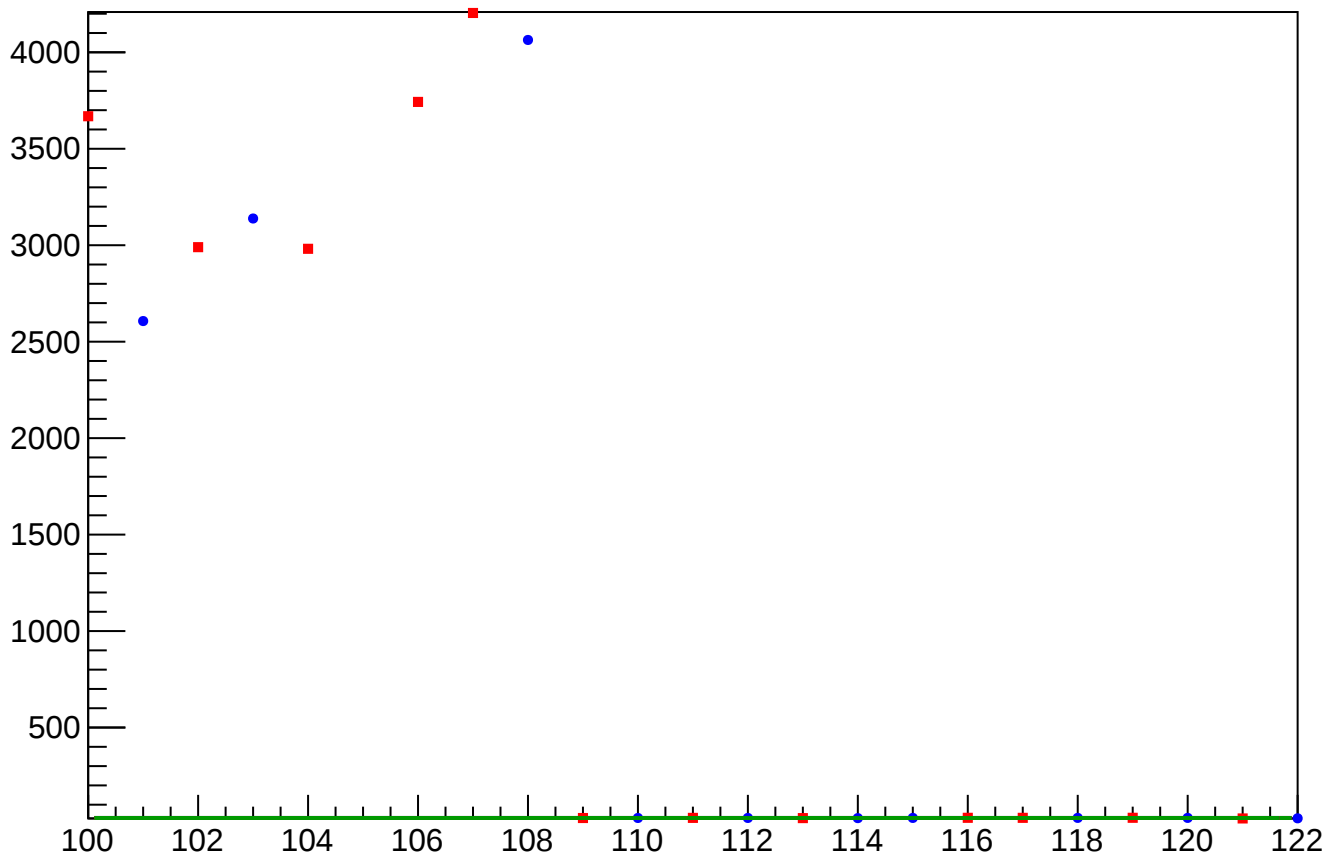
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

5.575+/-20.602 χ^2 /NDF: 9.4/9

22.547+/-14.431 χ^2 /NDF: 31.6/21

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: 31.169+/-0.015 χ^2/NDF : 3003234.0/9

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

Right Out: 31.134+/-0.014 χ^2/NDF : 3454974.0/11

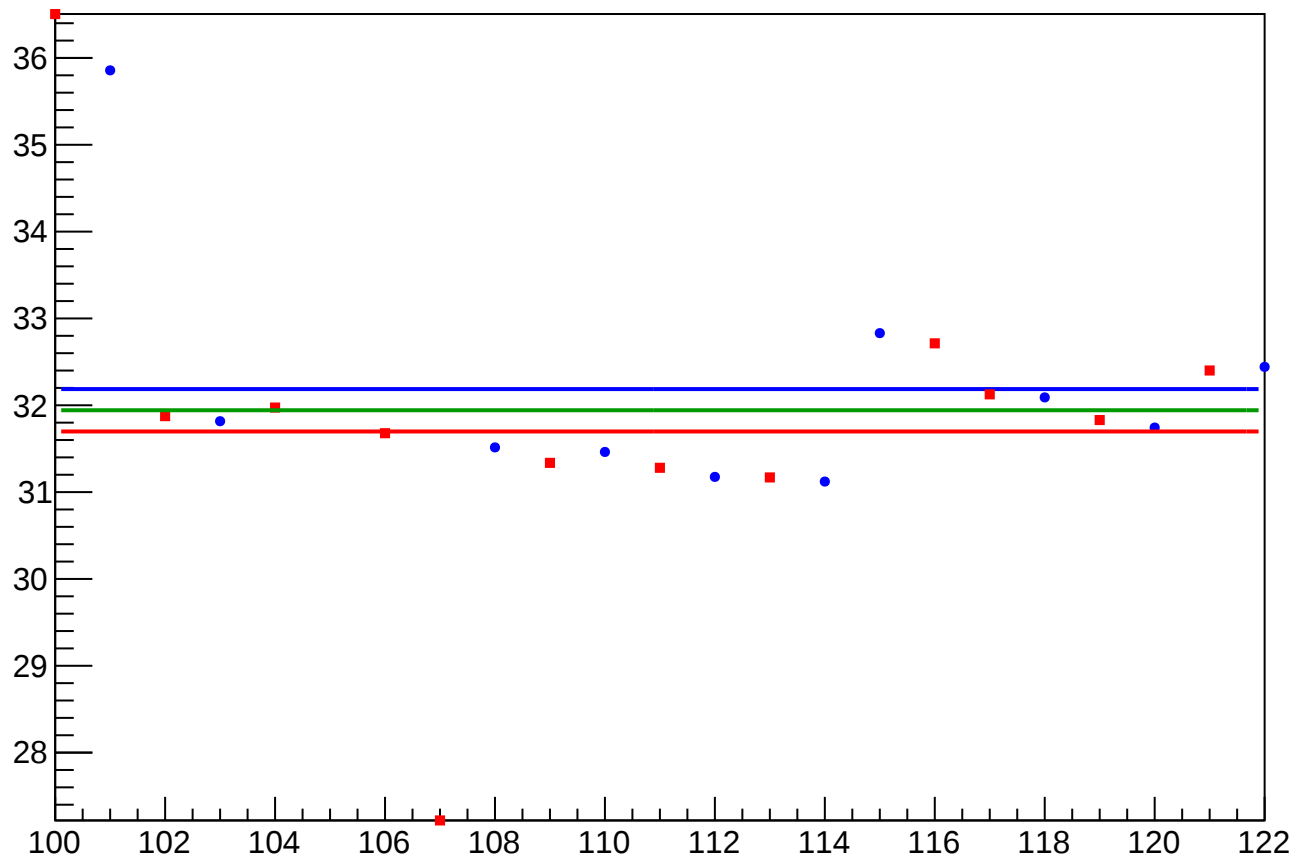
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

31.169+/-0.015 χ^2/NDF : 3003234.0/9

31.151+/-0.010 χ^2/NDF : 6458210.9/21

31.134+/-0.014 χ^2/NDF : 3454974.0/11

yield_usl_mean vs Slug, Sign Corrected



Right In: 32.187+/-0.000 χ^2/NDF : 987372316.4/9

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

Right Out: 31.698+/-0.000 χ^2/NDF : 550218959.9/11

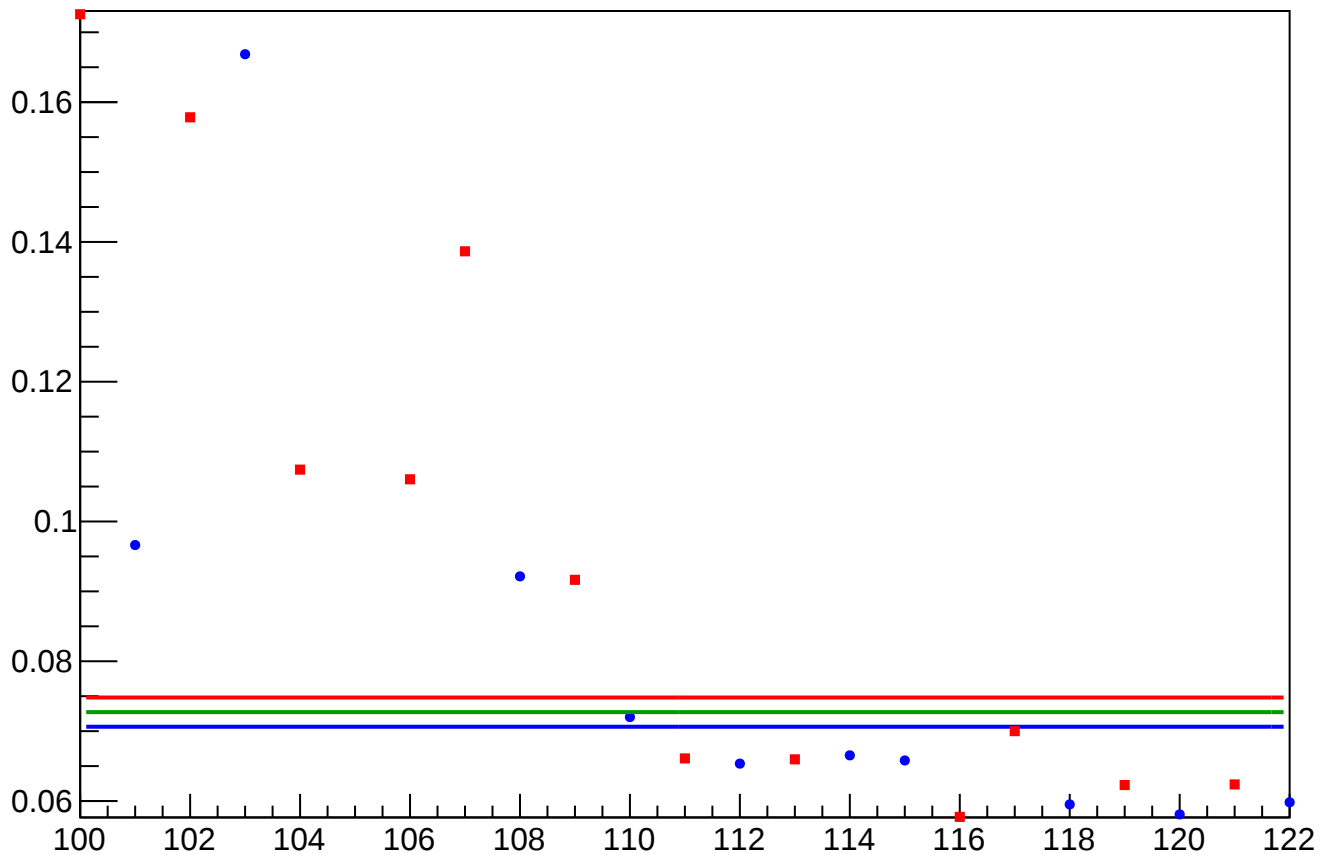
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.187+/-0.000 χ^2/NDF : 987372316.4/9

31.943+/-0.000 χ^2/NDF : 1613668577.7/2

31.698+/-0.000 χ^2/NDF : 550218959.9/11

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.071+/-0.000 χ^2/NDF : 563399.1/9

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

Right Out: 0.075+/-0.000 χ^2/NDF : 739974.8/11

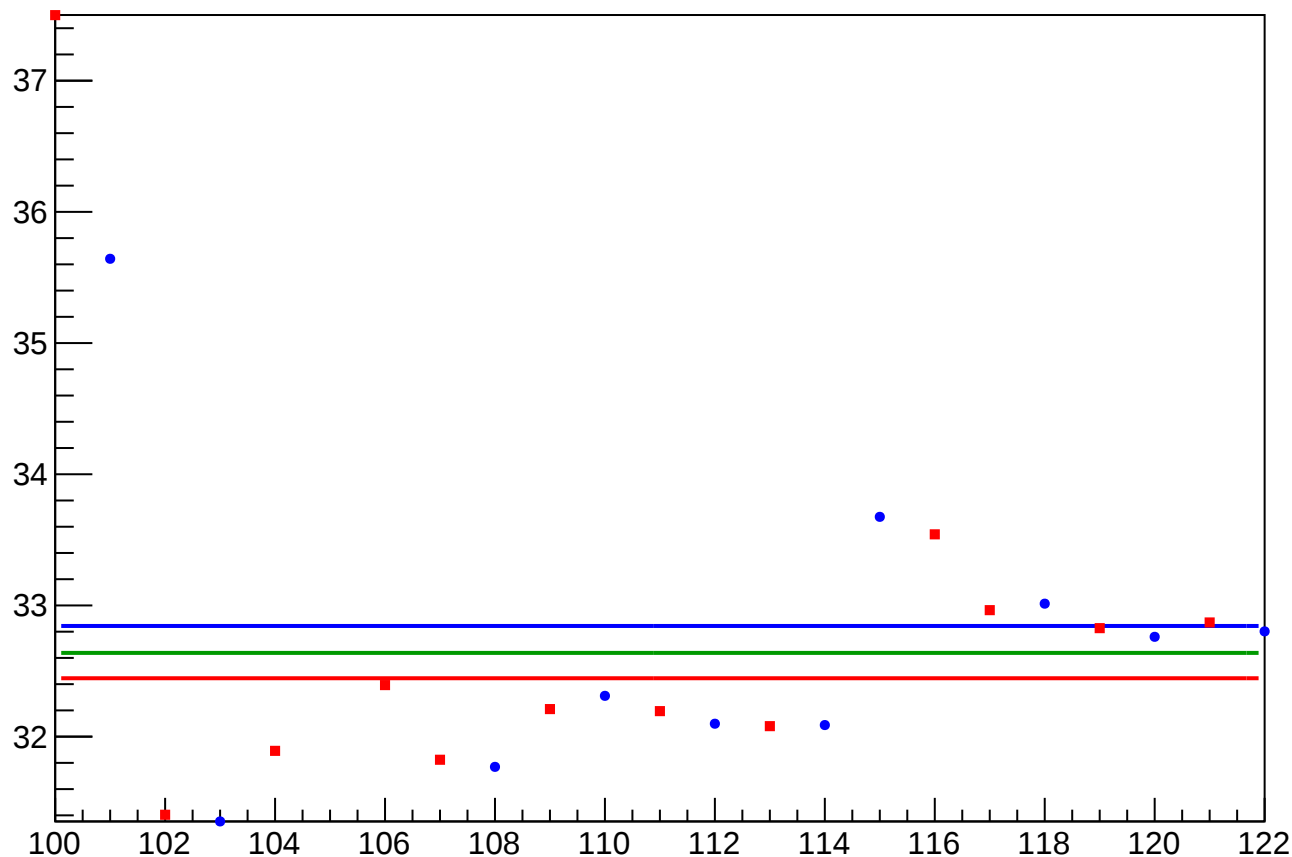
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.071+/-0.000 χ^2/NDF : 563399.1/9

0.073+/-0.000 χ^2/NDF : 1314536.7/21

0.075+/-0.000 χ^2/NDF : 739974.8/11

yield_usr_mean vs Slug, Sign Corrected



Right In: 32.844+/-0.000 χ^2/NDF : 455200501.8/9

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

Right Out: 32.445+/-0.000 χ^2/NDF : 153846694.9/11

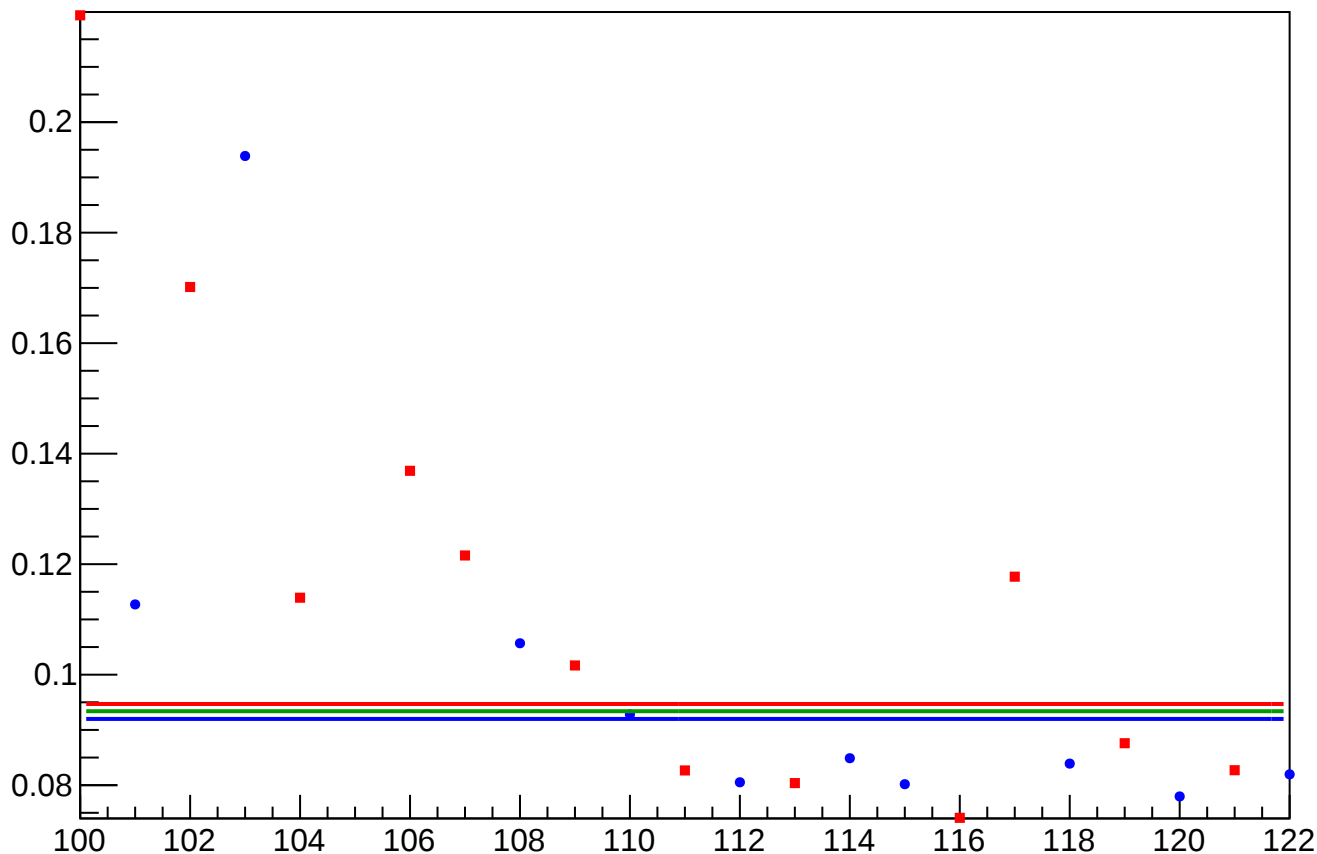
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.844+/-0.000 χ^2/NDF : 455200501.8/9

32.638+/-0.000 χ^2/NDF : 640384101.7/21

32.445+/-0.000 χ^2/NDF : 153846694.9/11

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.092+/-0.000 χ^2/NDF : 409292.3/9

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

Right Out: 0.095+/-0.000 χ^2/NDF : 444377.2/11

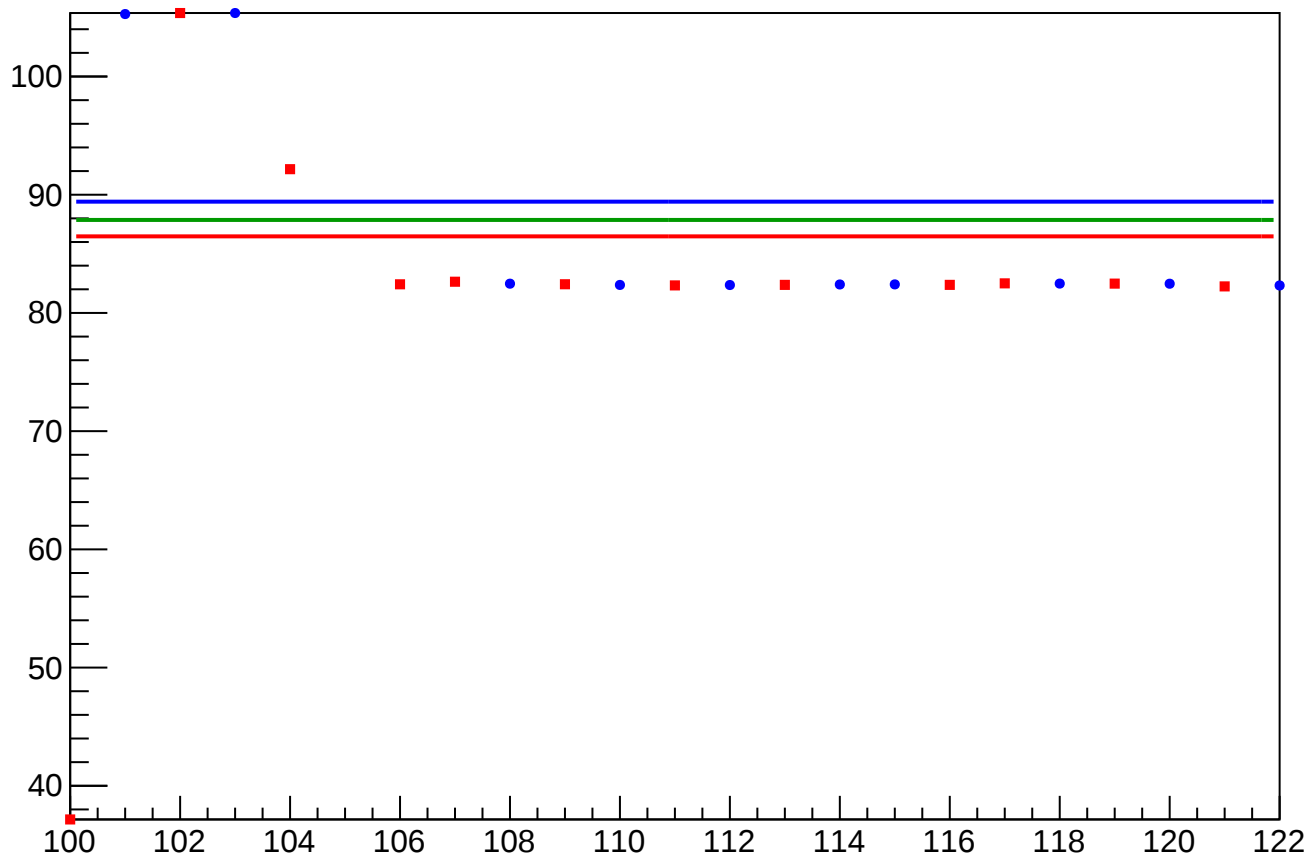
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.092+/-0.000 χ^2/NDF : 409292.3/9

0.093+/-0.000 χ^2/NDF : 856555.9/21

0.095+/-0.000 χ^2/NDF : 444377.2/11

yield_dsl_mean vs Slug, Sign Corrected



Right In: 89.414+/-0.000 χ^2/NDF : 245179876159.0/9

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

Right Out: 86.478+/-0.000 χ^2/NDF : 156218162465.8/11

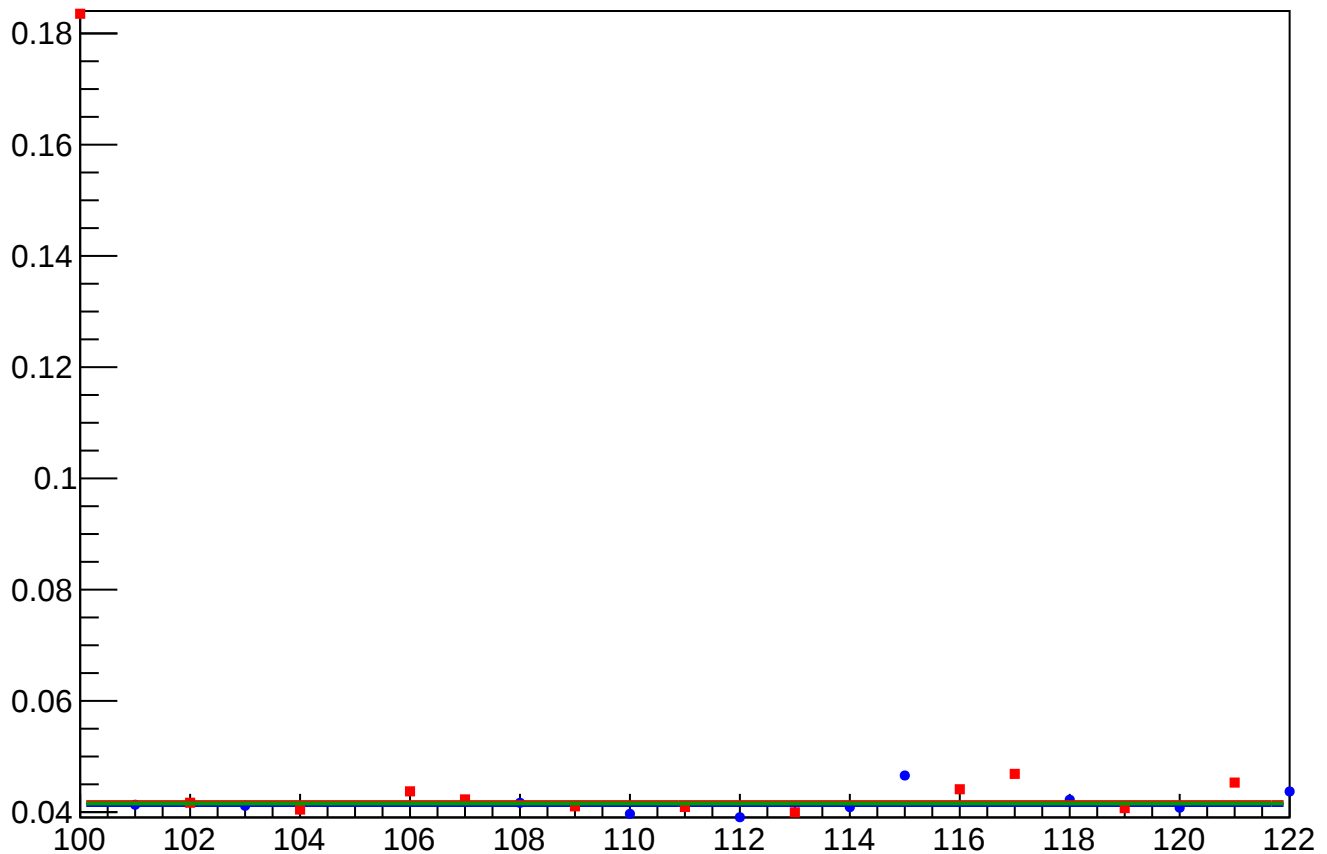
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

89.414+/-0.000 χ^2/NDF : 245179876159.0/9

87.867+/-0.000 χ^2/NDF : 411388933583.5

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 : 10840.4/9

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

Right Out: 0.042+/-0.000 χ^2/NDF : 95732.5/11

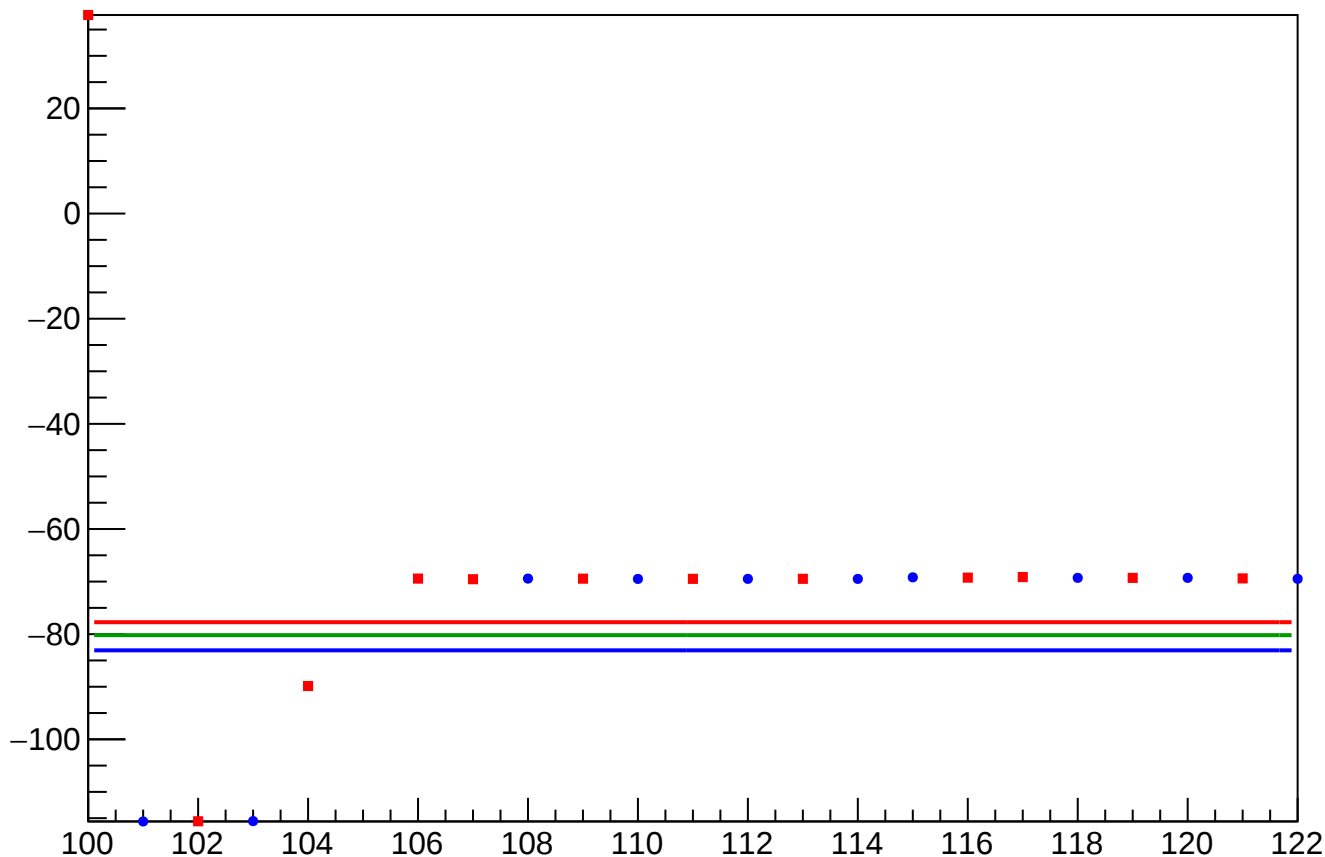
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.041+/-0.000 χ^2/NDF : 10840.4/9

0.042+/-0.000 χ^2/NDF : 107188.0/21

0.042+/-0.000 χ^2/NDF : 95732.5/11

yield_dsr_mean vs Slug, Sign Corrected



Right In: -83.076+/-0.000 χ^2/NDF : 477350587288.2/9

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

Right Out: -77.725+/-0.000 χ^2/NDF : 338727131725.6/11

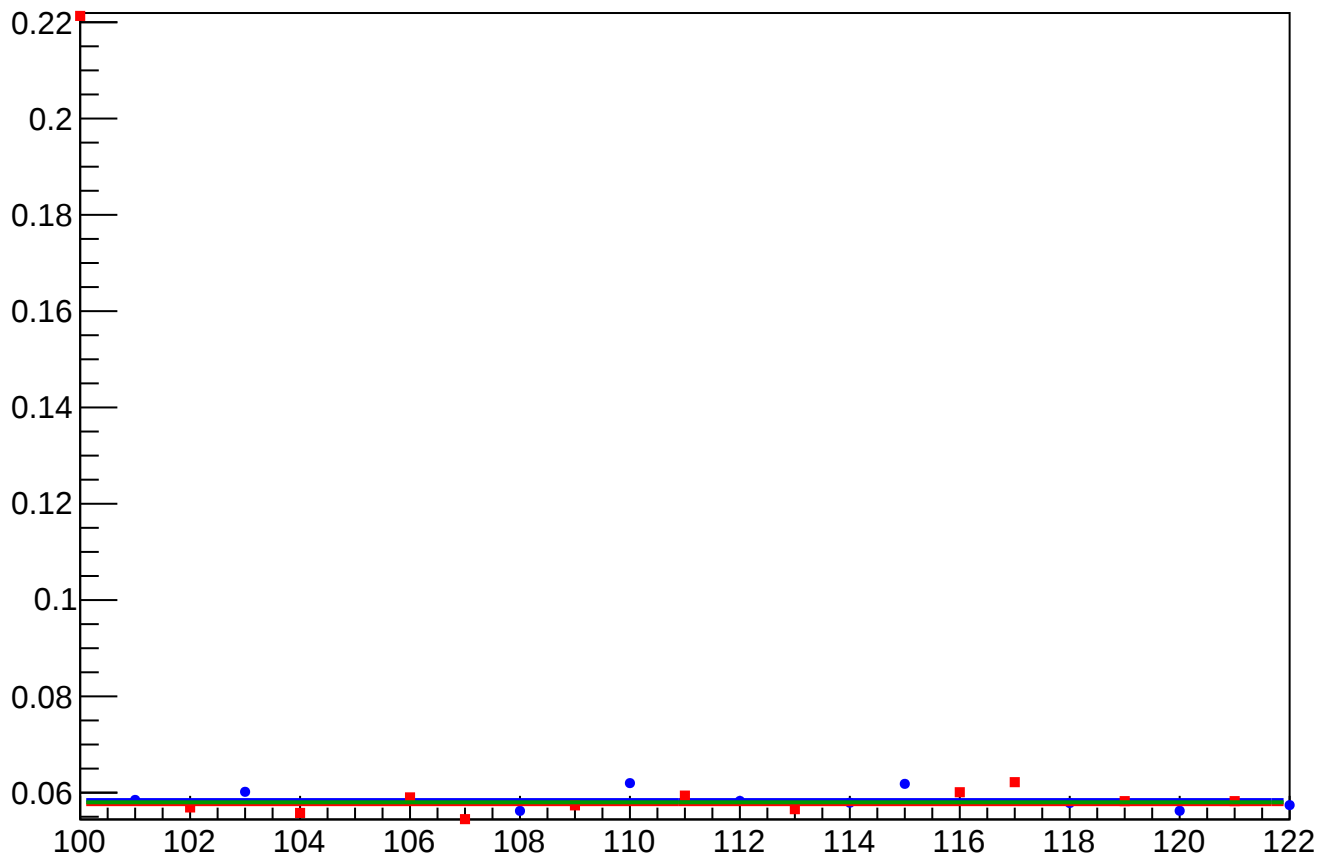
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-83.076+/-0.000 χ^2/NDF : 477350587288.2/9

-80.188+/-0.000 χ^2/NDF : 832671101530.2/9

-77.725+/-0.000 χ^2/NDF : 338727131725.6/11

yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.058+/-0.000 χ^2/NDF : 6221.3/9

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

Right Out: 0.058+/-0.000 χ^2/NDF : 80082.3/11

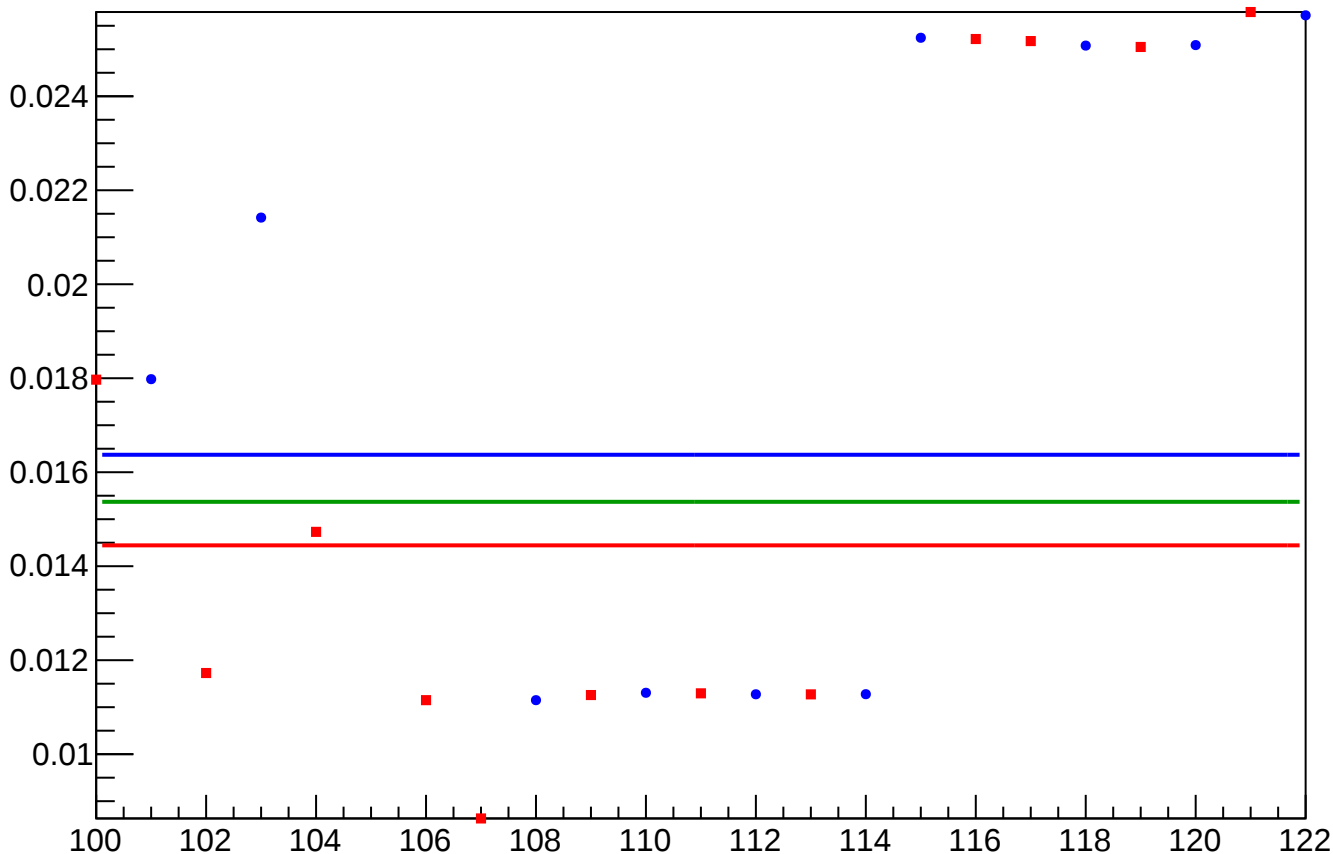
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.058+/-0.000 χ^2/NDF : 6221.3/9

0.058+/-0.000 χ^2/NDF : 87128.7/21

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 : 31935631045.9/9

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

0.016+/-0.000 χ^2/NDF : 31935631045.9/9

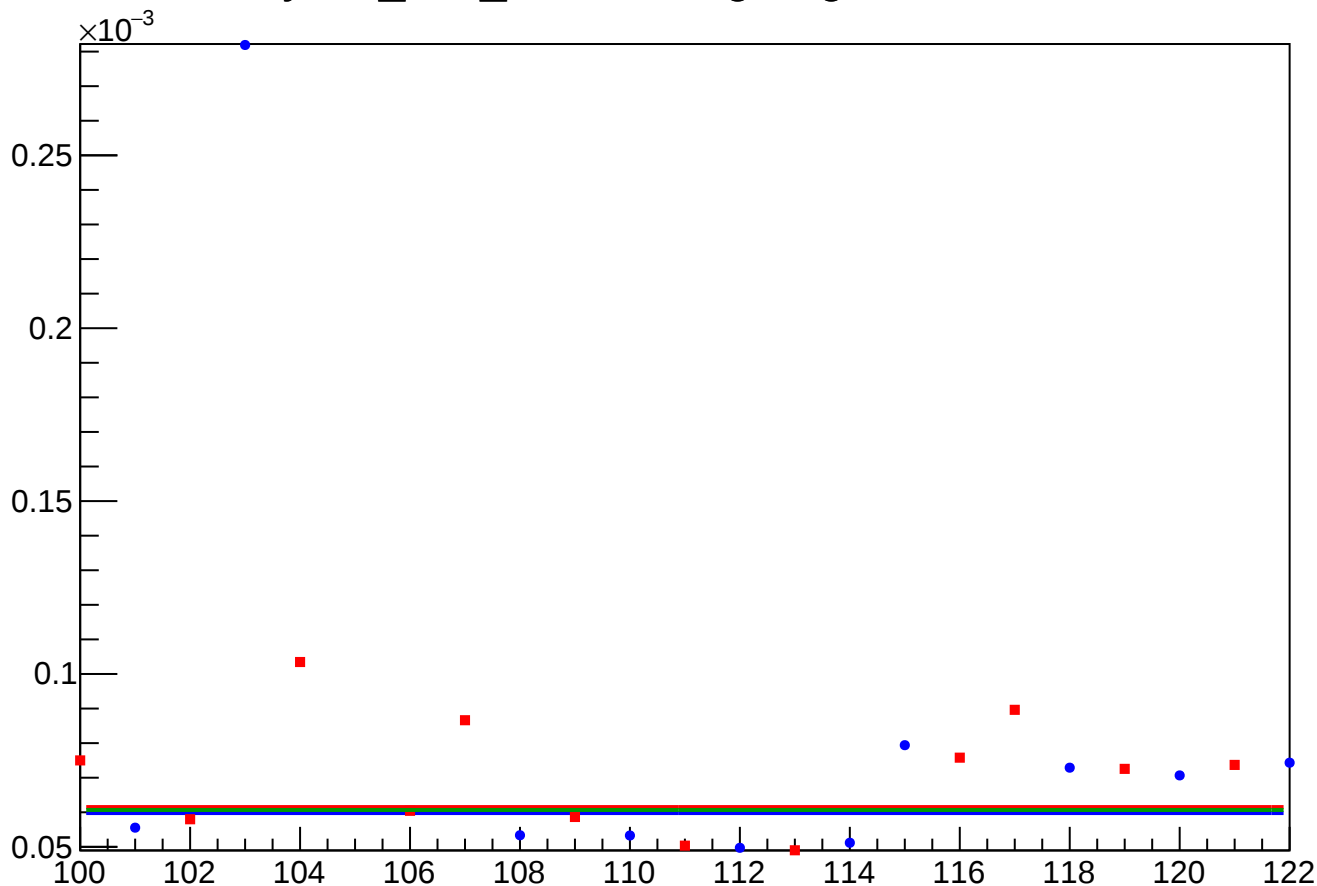
0.015+/-0.000 χ^2/NDF : 67095294225.1/2

Right Out: 0.014+/-0.000 χ^2/NDF : 33407925011.5/11

0.014+/-0.000 χ^2/NDF : 33407925011.5/11

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

yield_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 797275.7/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 332962.6/11

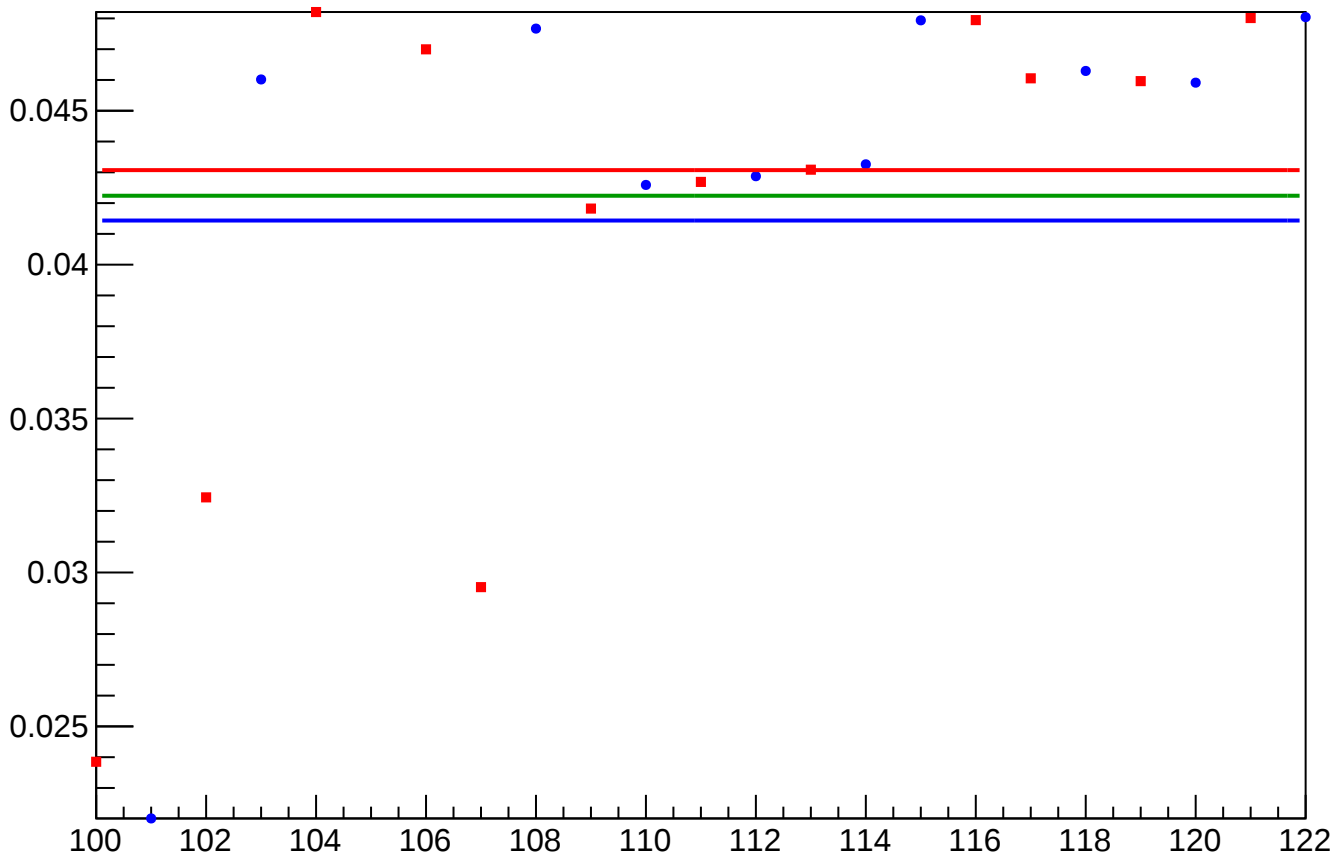
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 797275.7/9

0.000+/-0.000 χ^2/NDF : 1133063.0/21

0.000+/-0.000 χ^2/NDF : 332962.6/11

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.041+/-0.000 χ^2/NDF : 2373054291.6/9

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

Right Out: 0.043+/-0.000 χ^2/NDF : 955850406.0/11

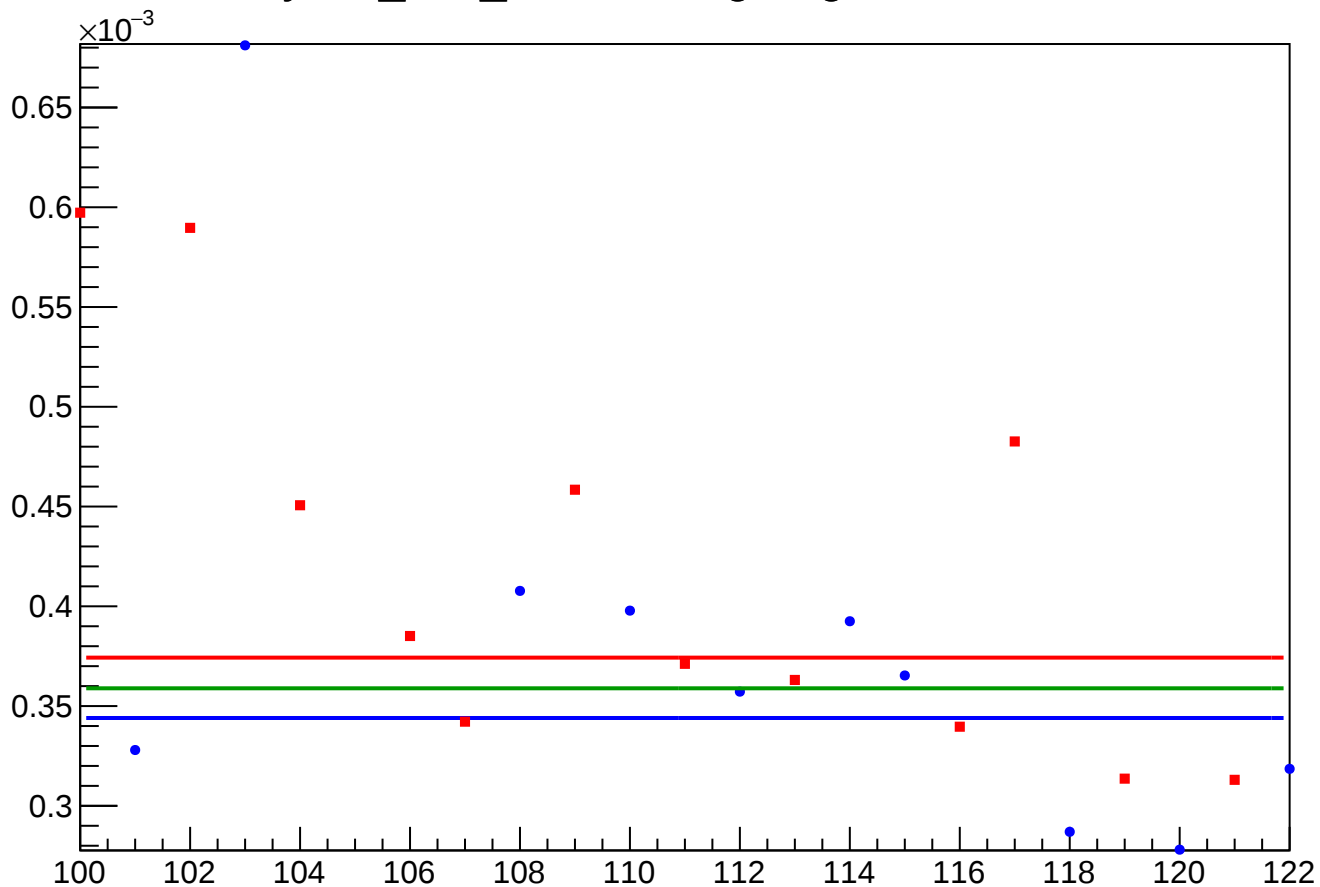
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.041+/-0.000 χ^2/NDF : 2373054291.6/9

0.042+/-0.000 χ^2/NDF : 3364986512.4/21

0.043+/-0.000 χ^2/NDF : 955850406.0/11

yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 357873.2/9

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 277028.5/11

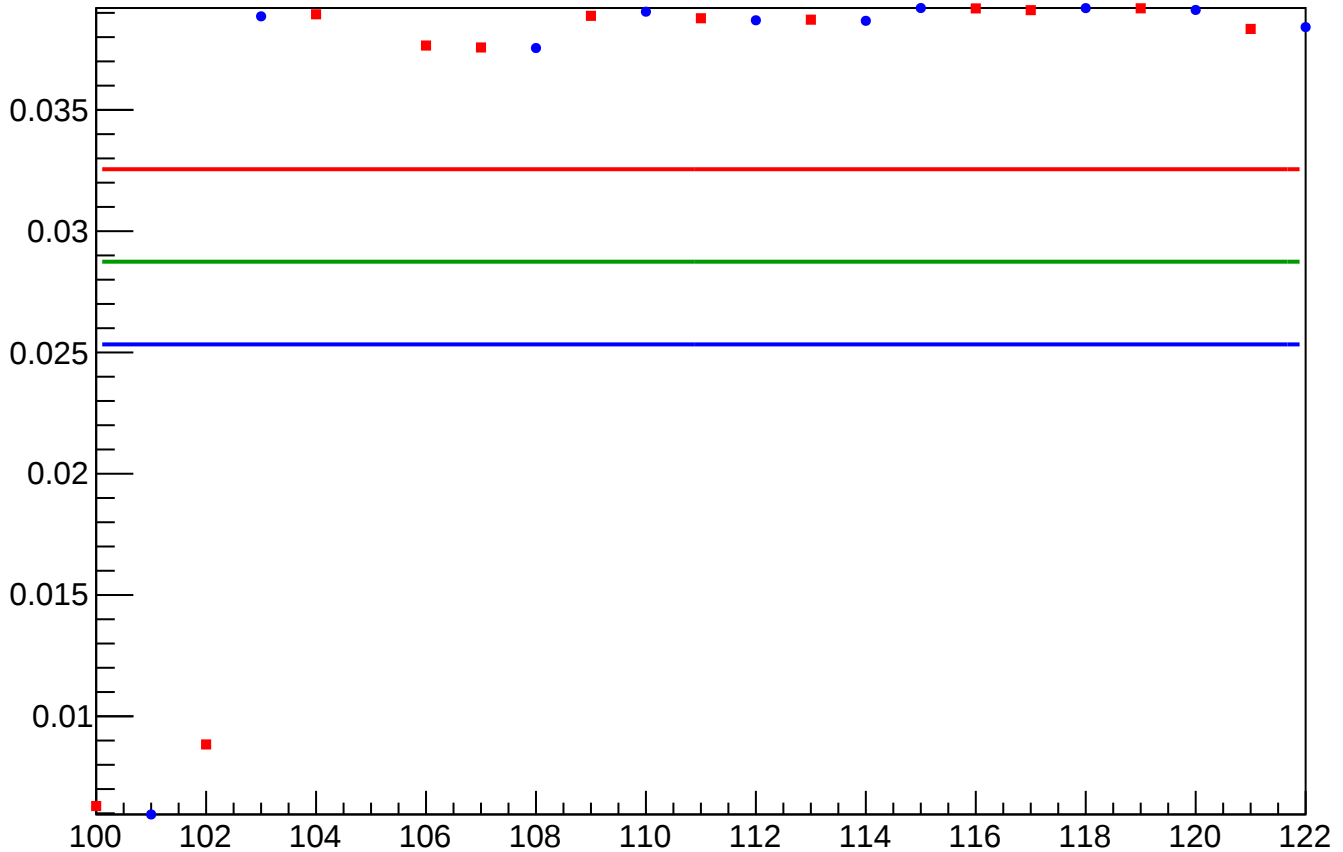
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 357873.2/9

0.000 $\pm$ 0.000 χ^2 /NDF: 659547.3/21

0.000 $\pm$ 0.000 χ^2 /NDF: 277028.5/11

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.000 χ^2/NDF : 79615569533.8/9

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

Right Out: 0.033+/-0.000 χ^2/NDF : 40542951204.8/11

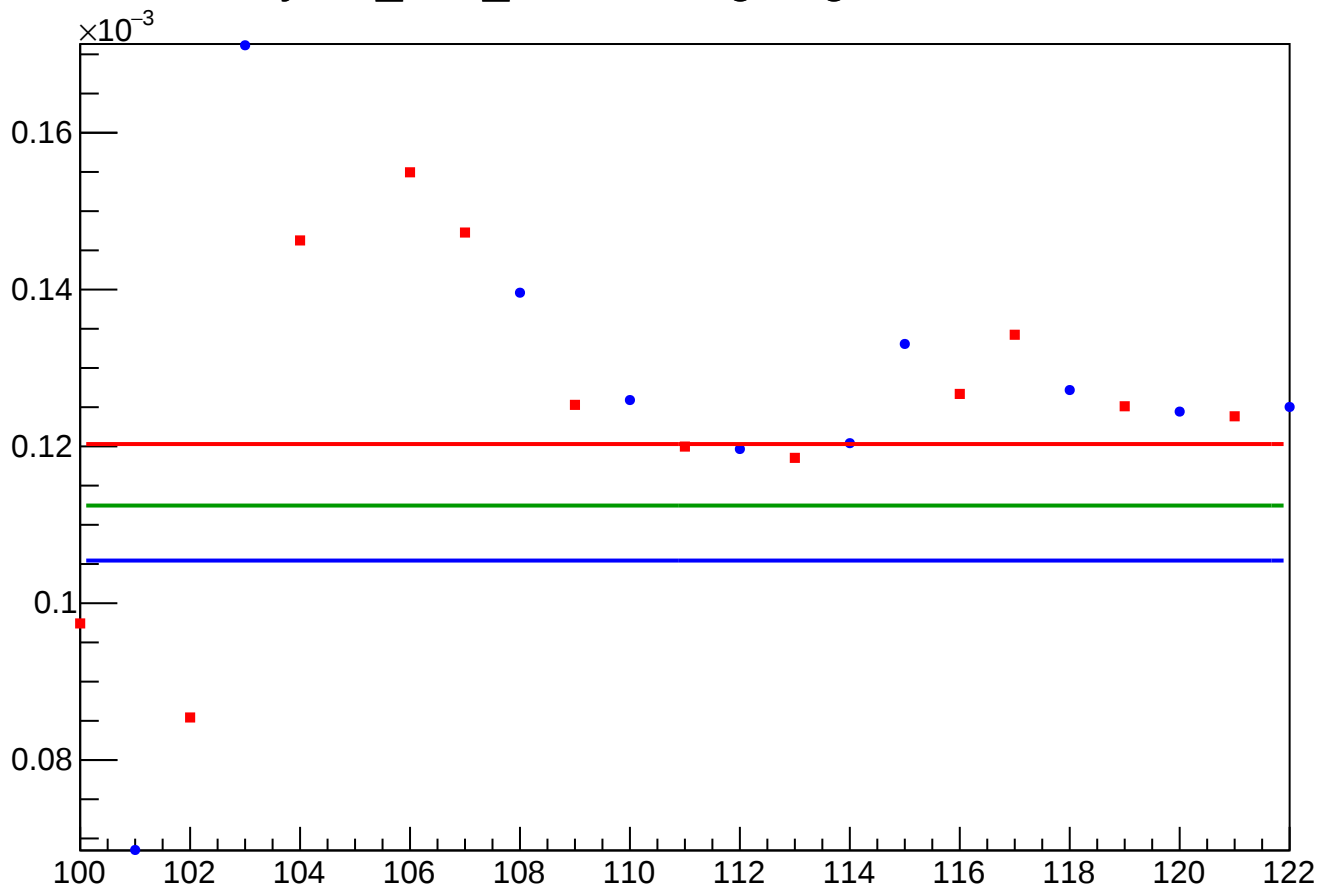
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.025+/-0.000 χ^2/NDF : 79615569533.8/9

0.029+/-0.000 χ^2/NDF : 127698411009.5/11

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 : 657684.1/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 211897.6/11

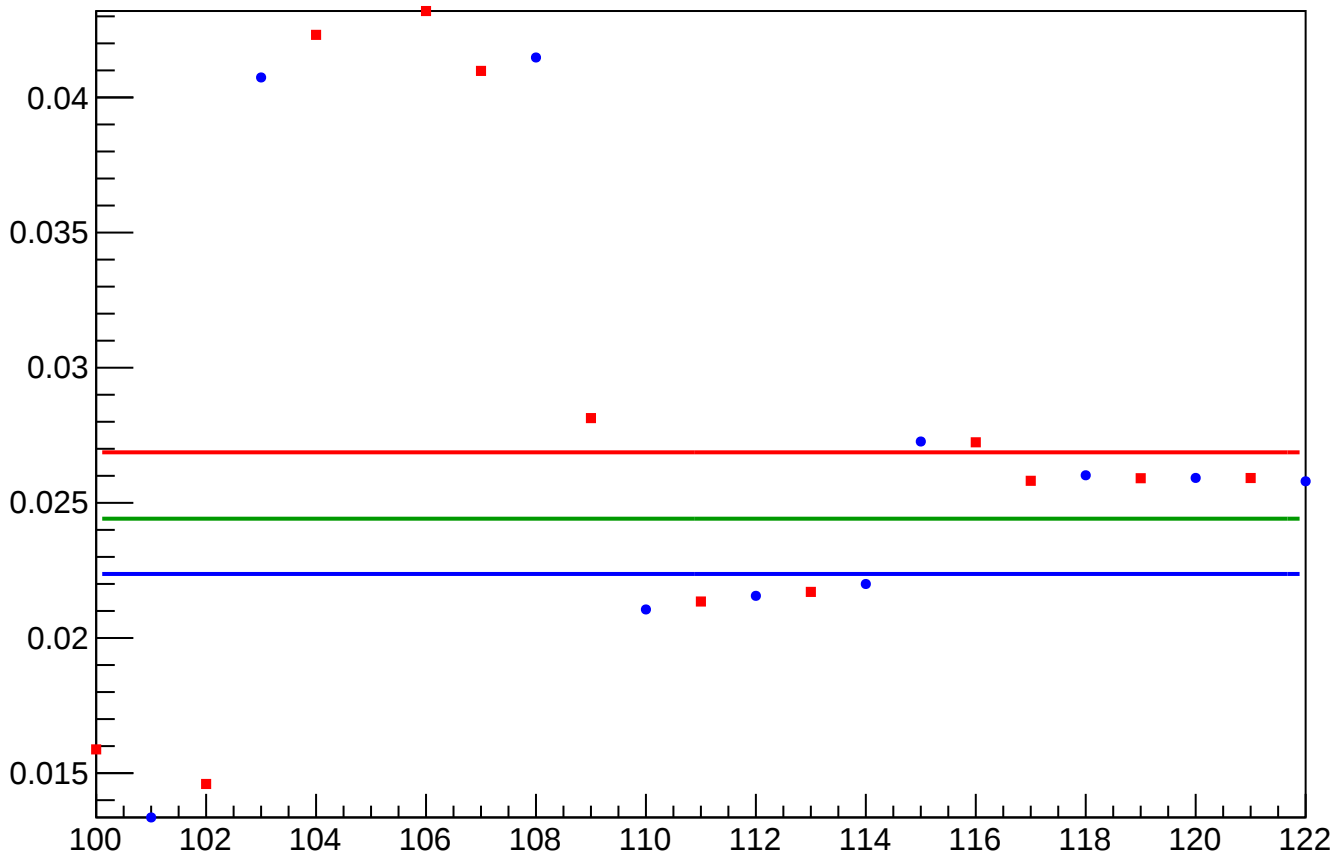
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 657684.1/9

0.000+/-0.000 χ^2/NDF : 933406.3/21

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 : 3265787145.1/9

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

Right Out: 0.027+/-0.000 χ^2/NDF : 2883183702.2/11

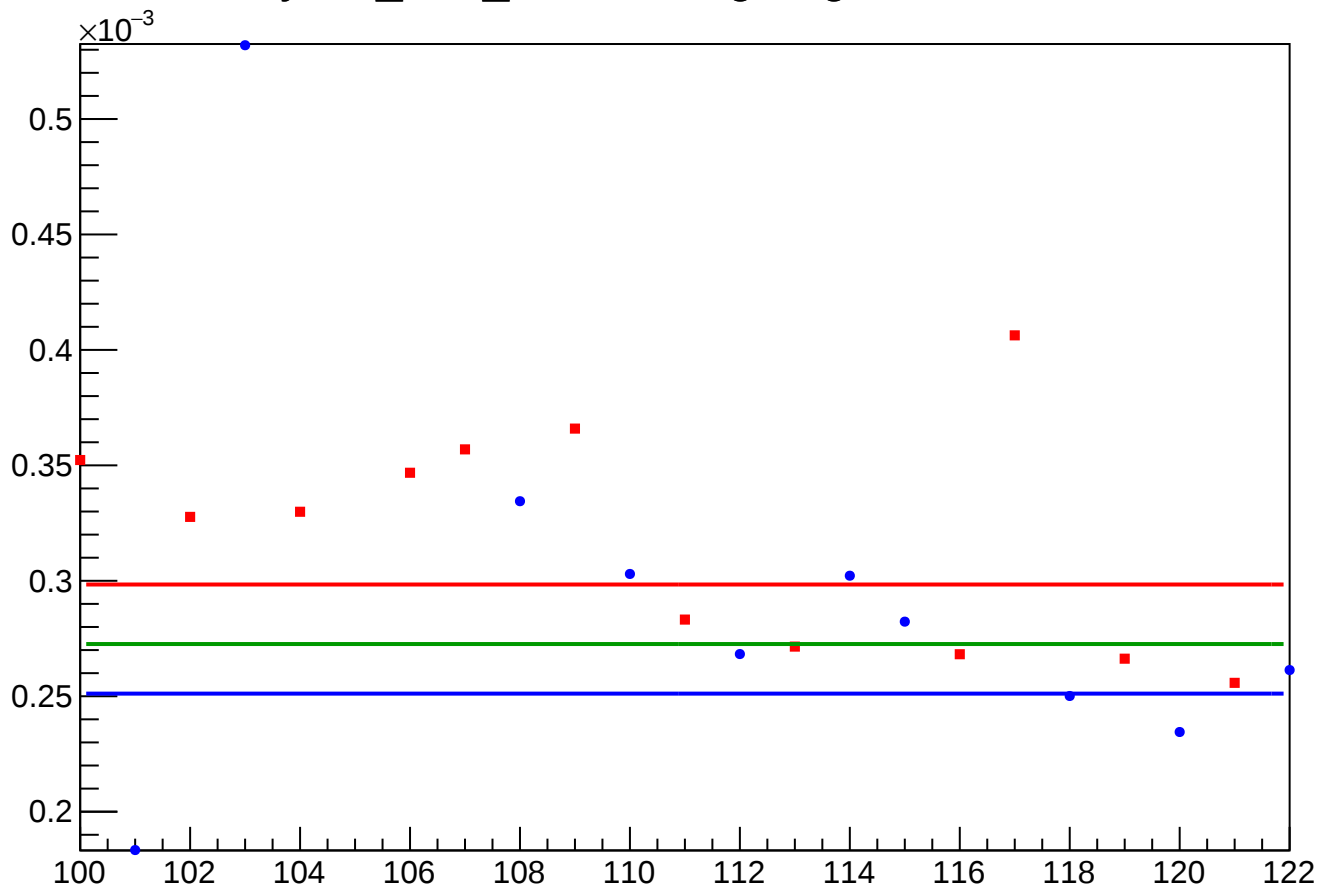
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.022+/-0.000 χ^2/NDF : 3265787145.1/9

0.024+/-0.000 χ^2/NDF : 6613600036.8/21

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 : 511835.1/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 128294.6/11

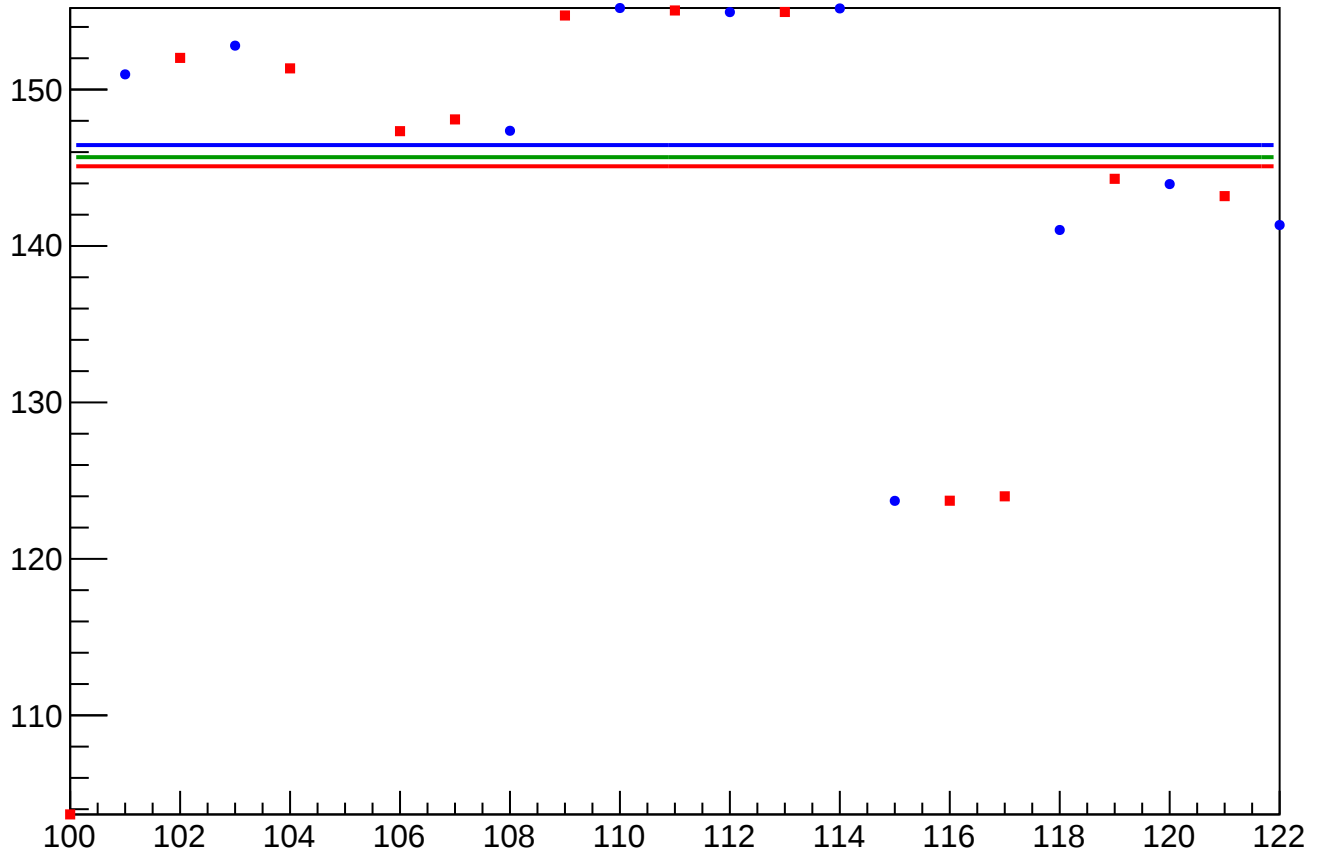
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 511835.1/9

0.000+/-0.000 χ^2/NDF : 742599.2/21

0.000+/-0.000 χ^2/NDF : 128294.6/11

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 146.450+/-0.000 χ^2/NDF : 1949554471.6/9

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

Right Out: 145.094+/-0.000 χ^2/NDF : 4240872602.0/11

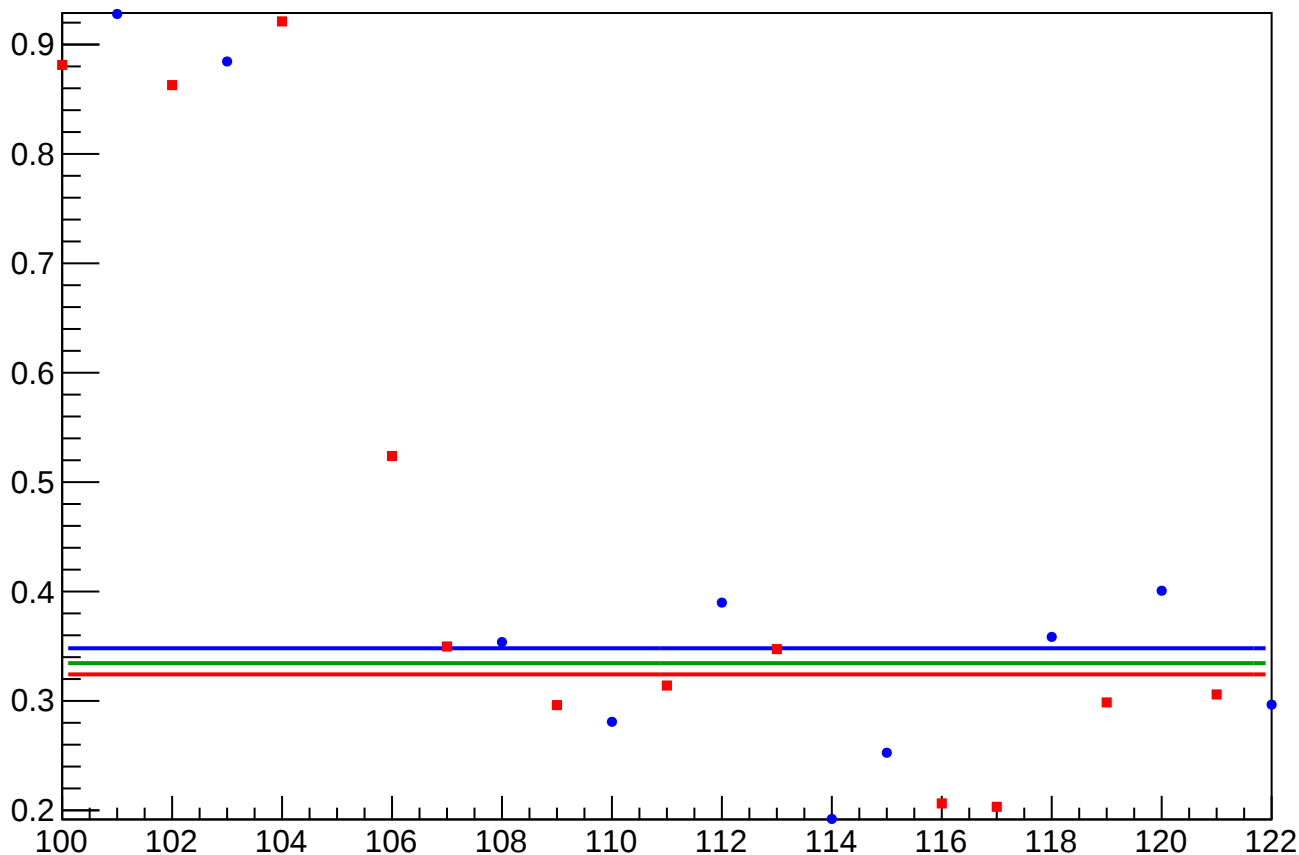
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

146.450+/-0.000 χ^2/NDF : 1949554471.6/9

145.678+/-0.000 χ^2/NDF : 6215763738.4/9

145.094+/-0.000 χ^2/NDF : 4240872602.0/11

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.348+/-0.000 χ^2/NDF : 1086784.4/9

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

Right Out: 0.324+/-0.000 χ^2/NDF : 1136882.4/11

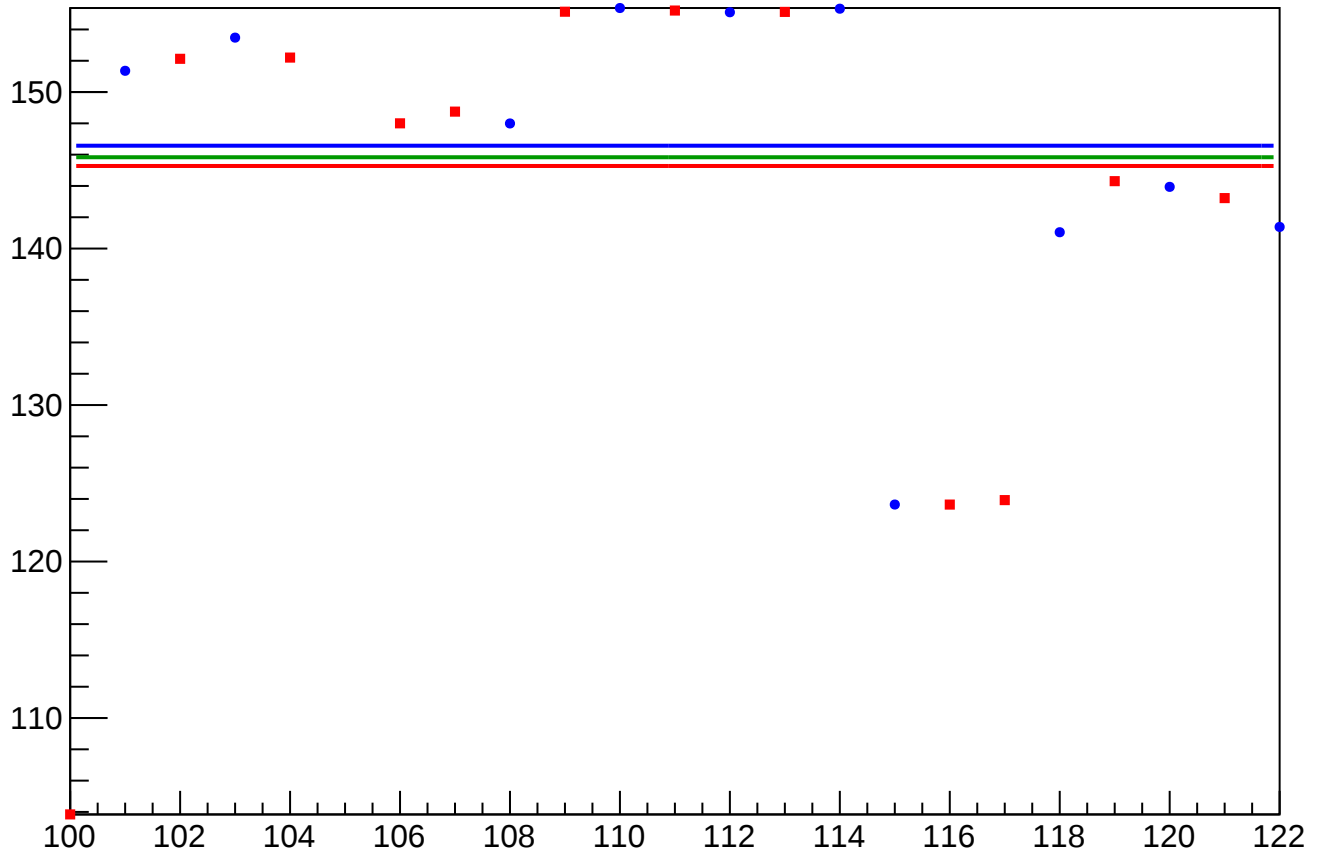
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.348+/-0.000 χ^2/NDF : 1086784.4/9

0.335+/-0.000 χ^2/NDF : 2239381.0/21

0.324+/-0.000 χ^2/NDF : 1136882.4/11

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 146.572+/-0.000 χ^2/NDF : 1963303294.5/9

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

Right Out: 145.276+/-0.000 χ^2/NDF : 4252768927.7/11

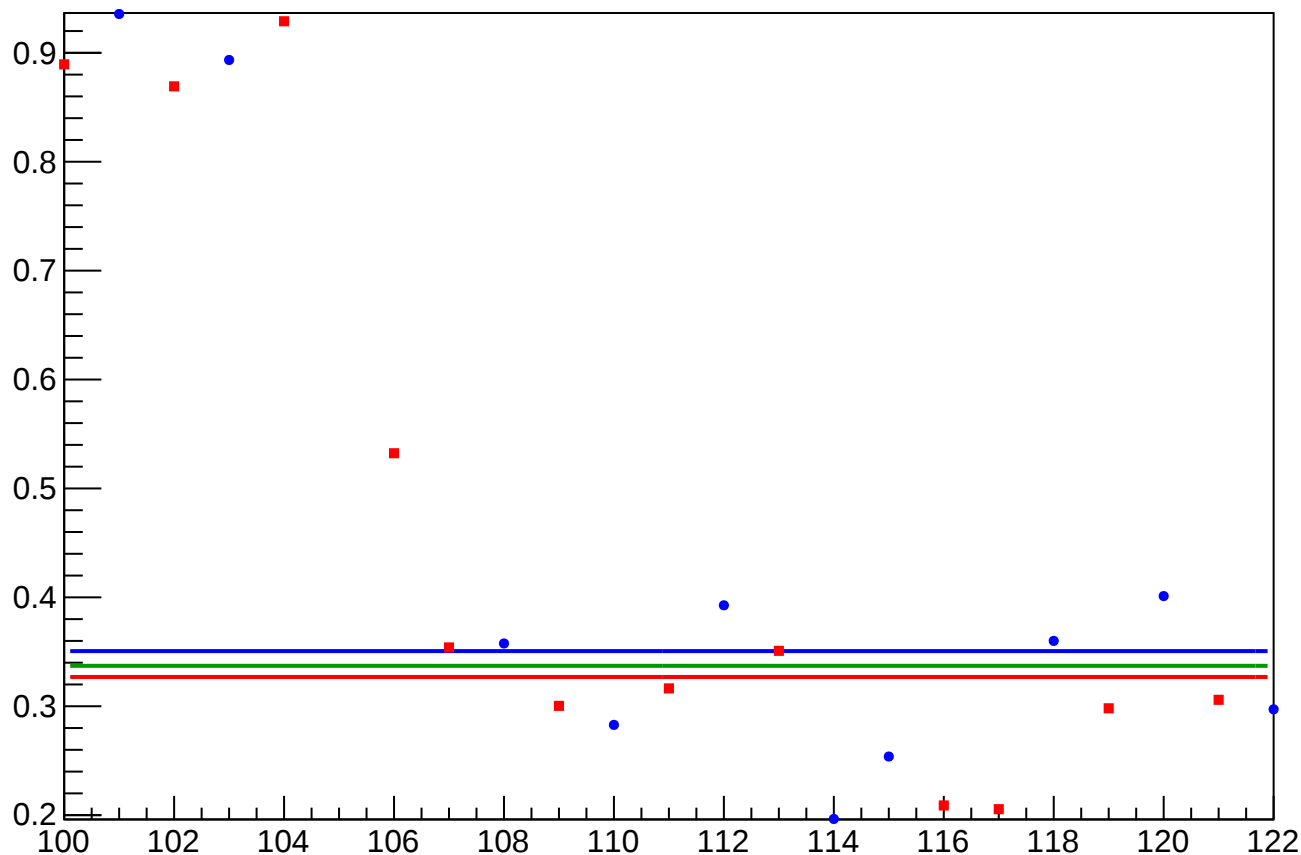
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

146.572+/-0.000 χ^2/NDF : 1963303294.5/9

145.835+/-0.000 χ^2/NDF : 6238887636.2/11

145.276+/-0.000 χ^2/NDF : 4252768927.7/11

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.351+/-0.000 χ^2/NDF : 1083662.2/9

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

Right Out: 0.327+/-0.000 χ^2/NDF : 1137130.7/11

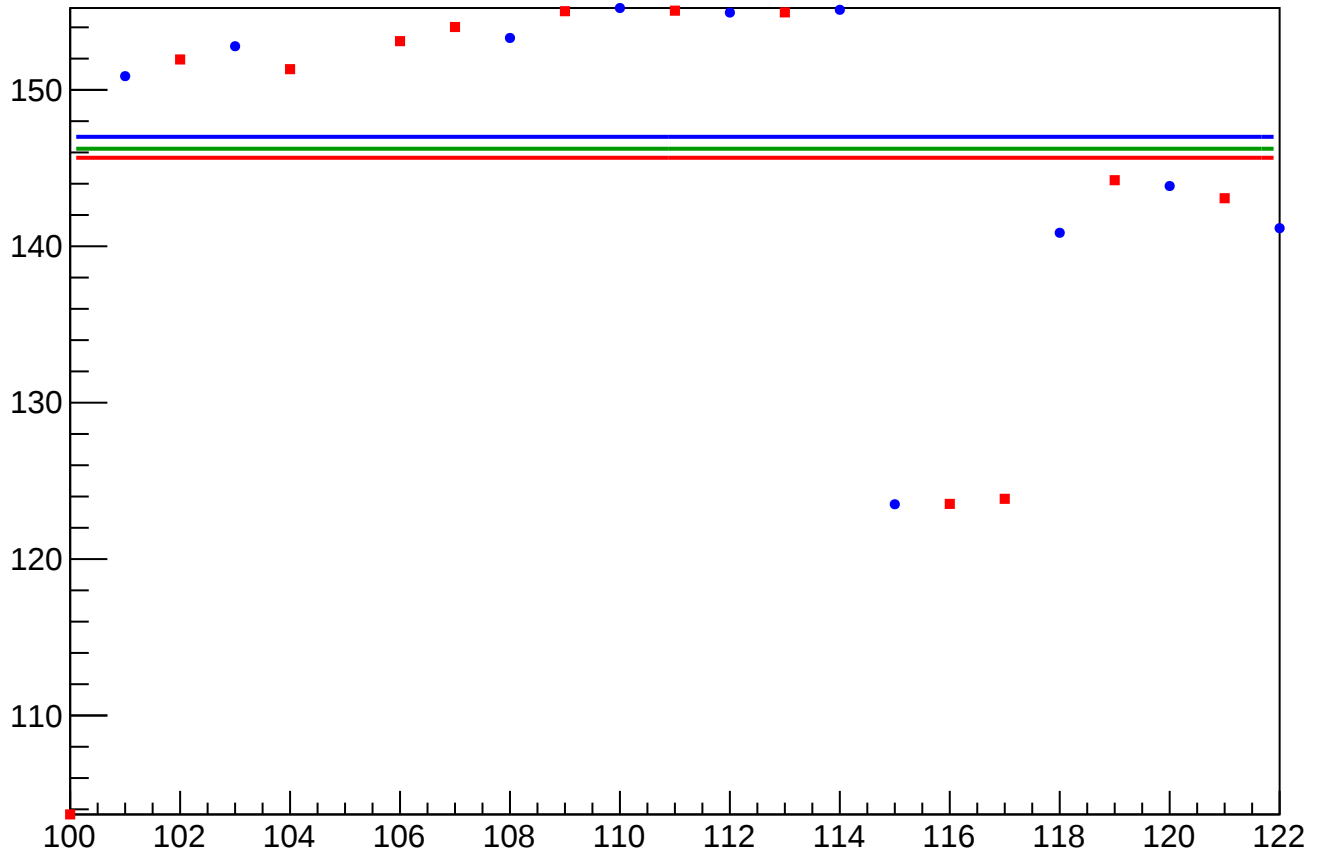
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.351+/-0.000 χ^2/NDF : 1083662.2/9

0.337+/-0.000 χ^2/NDF : 2236150.3/21

0.327+/-0.000 χ^2/NDF : 1137130.7/11

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 146.999 $\pm$ 0.000 χ^2 /NDF: 2087790535.0/9

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

Right Out: 145.660 $\pm$ 0.000 χ^2 /NDF: 4489254467.9/11

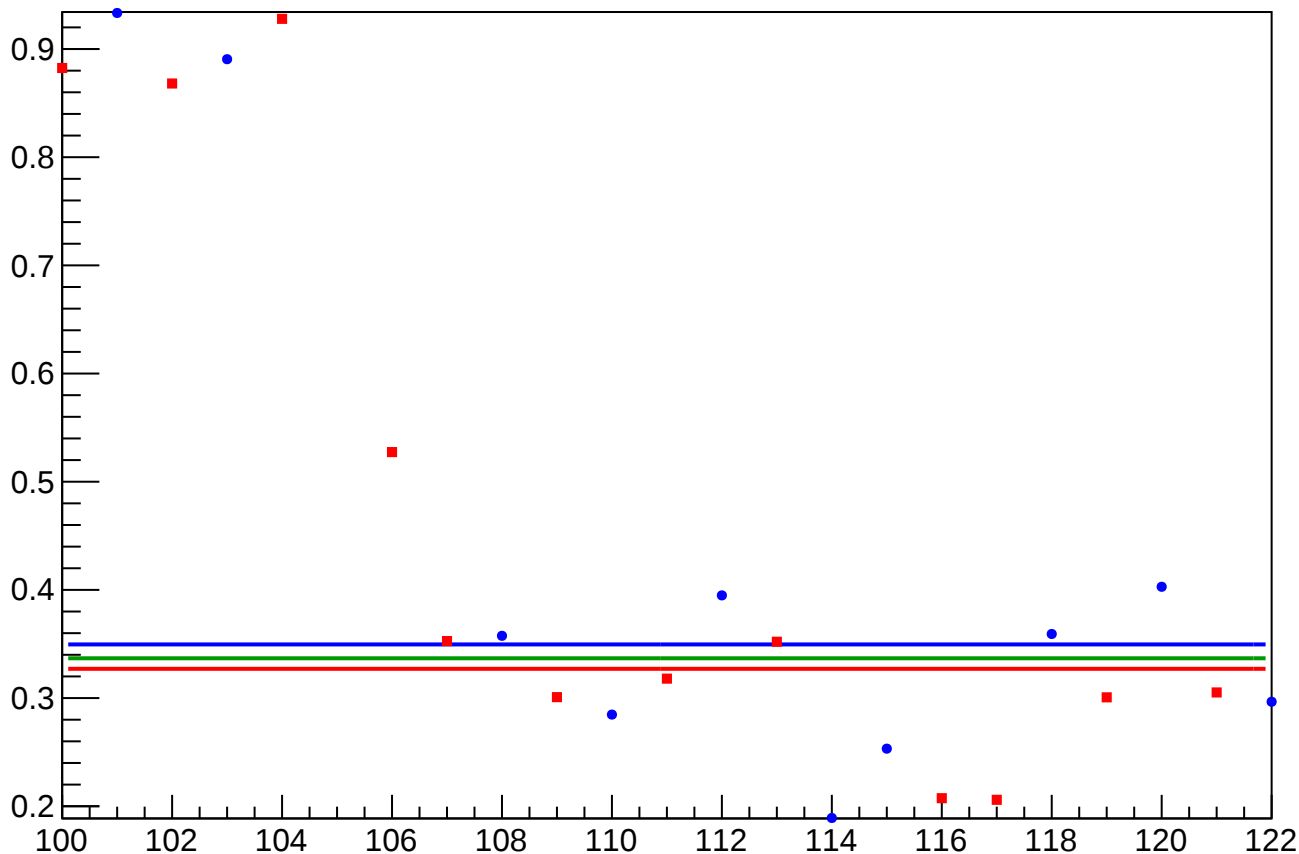
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

146.999 $\pm$ 0.000 χ^2 /NDF: 2087790535.0/9

146.238 $\pm$ 0.000 χ^2 /NDF: 6601466011.3/11

145.660 $\pm$ 0.000 χ^2 /NDF: 4489254467.9/11

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.350+/-0.000 χ^2/NDF : 1097576.3/9

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

Right Out: 0.327+/-0.000 χ^2/NDF : 1136933.4/11

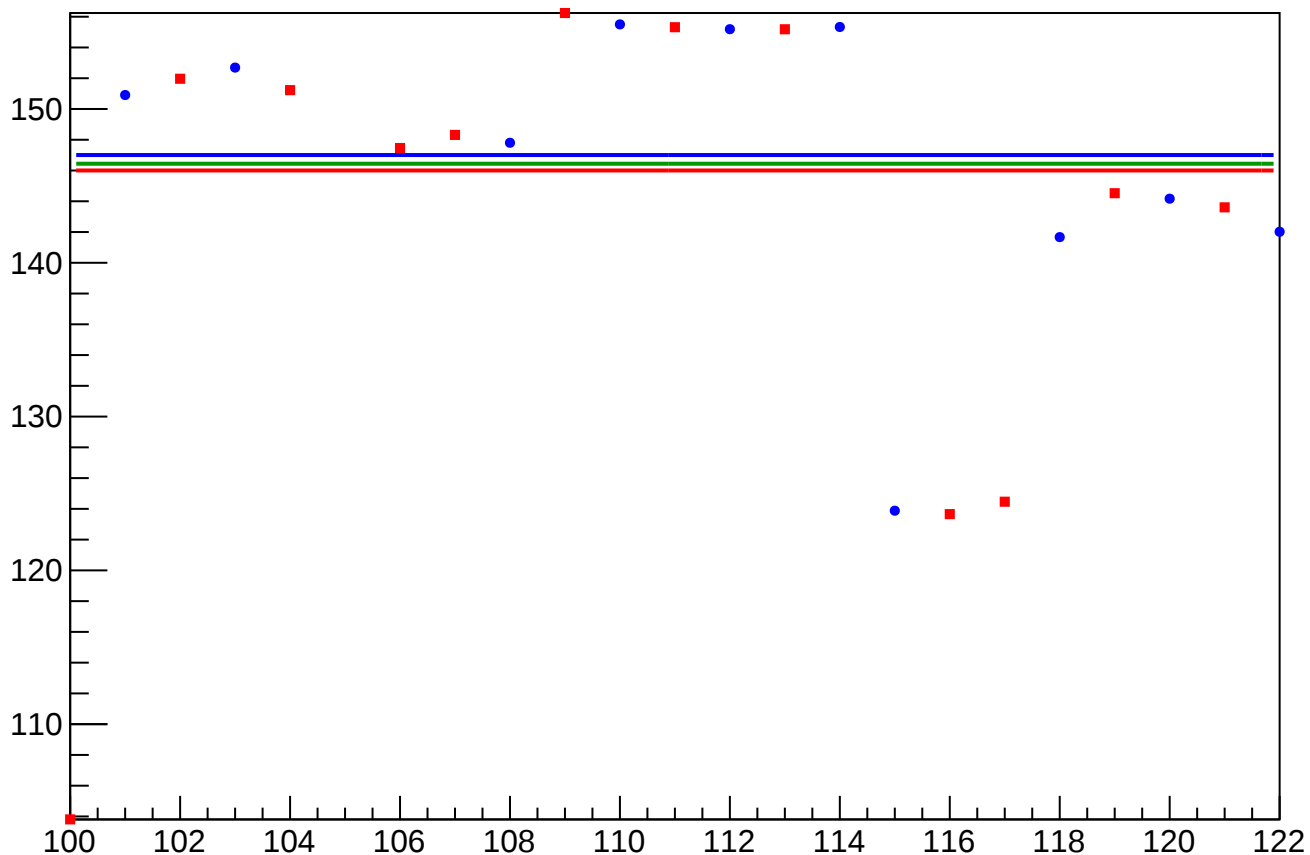
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.350+/-0.000 χ^2/NDF : 1097576.3/9

0.337+/-0.000 χ^2/NDF : 2248340.5/21

0.327+/-0.000 χ^2/NDF : 1136933.4/11

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 147.007+/-0.000 χ^2/NDF : 1735926444.4/9

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

Right Out: 146.002+/-0.000 χ^2/NDF : 3797612705.0/11

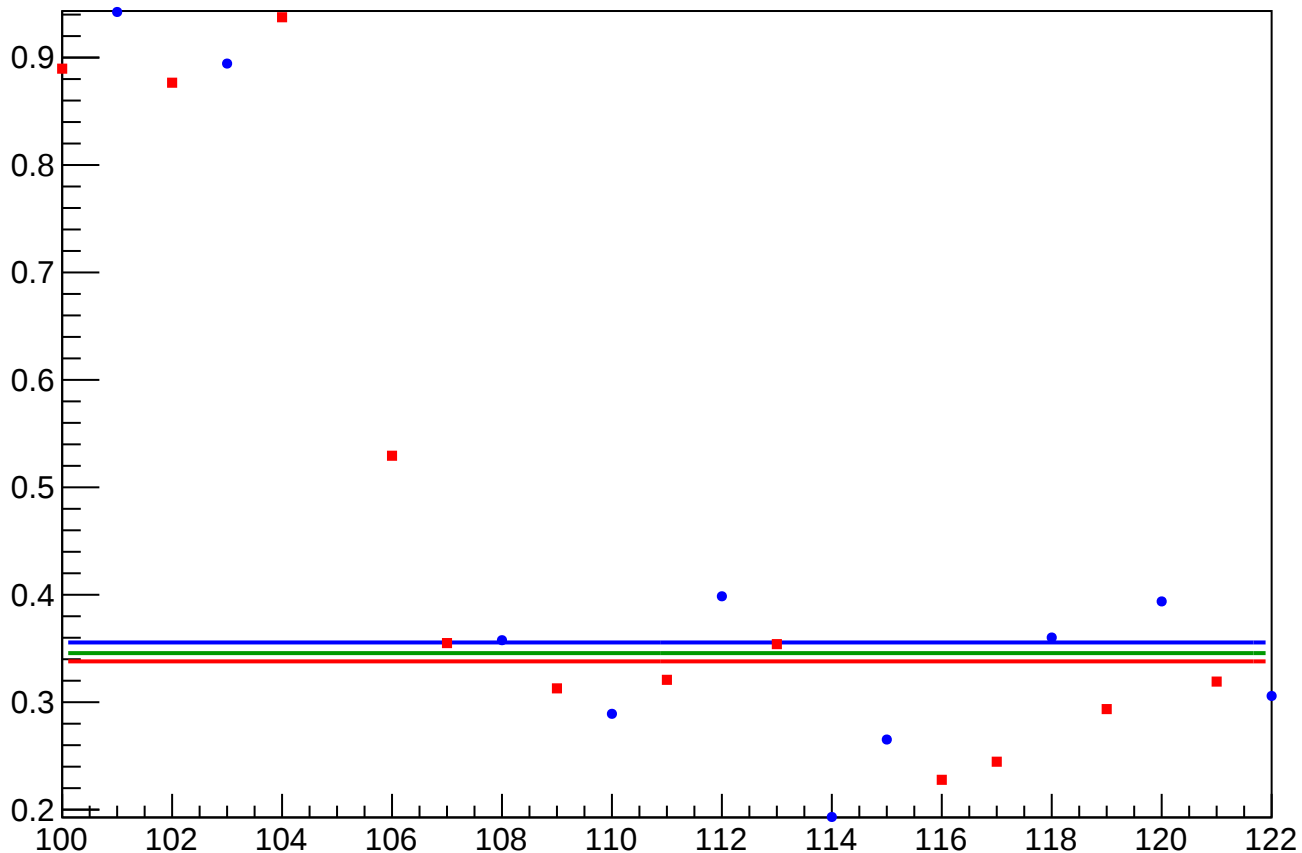
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

147.007+/-0.000 χ^2/NDF : 1735926444.4/9

146.441+/-0.000 χ^2/NDF : 5546696864.0/11

146.002+/-0.000 χ^2/NDF : 3797612705.0/11

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.356+/-0.000 χ^2/NDF : 1067178.1/9

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

Right Out: 0.338+/-0.000 χ^2/NDF : 1059691.9/11

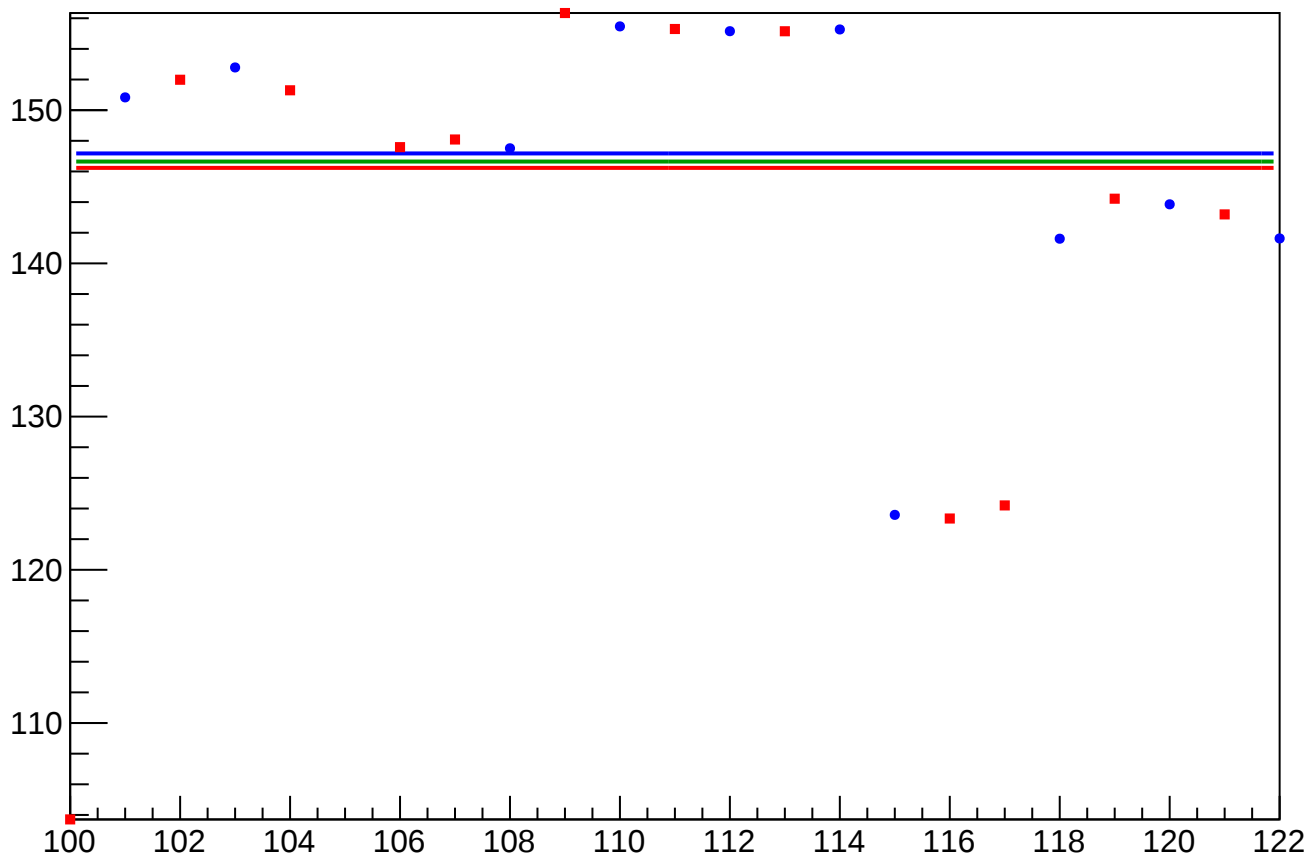
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.356+/-0.000 χ^2/NDF : 1067178.1/9

0.346+/-0.000 χ^2/NDF : 2134961.0/21

0.338+/-0.000 χ^2/NDF : 1059691.9/11

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 147.176+/-0.000 χ^2/NDF : 1763262186.0/9

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

Right Out: 146.233+/-0.000 χ^2/NDF : 3801336969.2/11

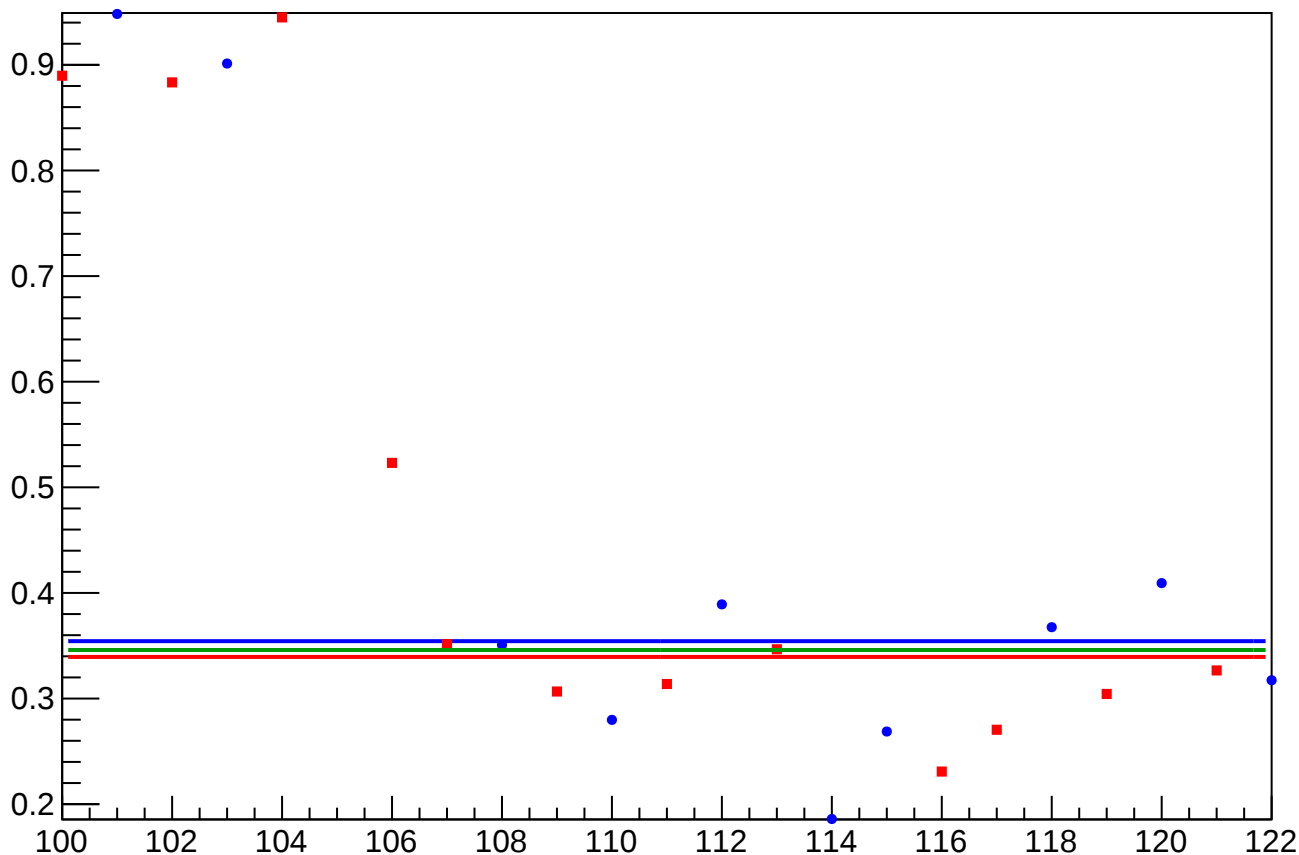
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

147.176+/-0.000 χ^2/NDF : 1763262186.0/9

146.647+/-0.000 χ^2/NDF : 5576198692.6/11

146.233+/-0.000 χ^2/NDF : 3801336969.2/11

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.354+/-0.000 χ^2/NDF : 1095778.8/9

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

Right Out: 0.339+/-0.000 χ^2/NDF : 1042527.2/11

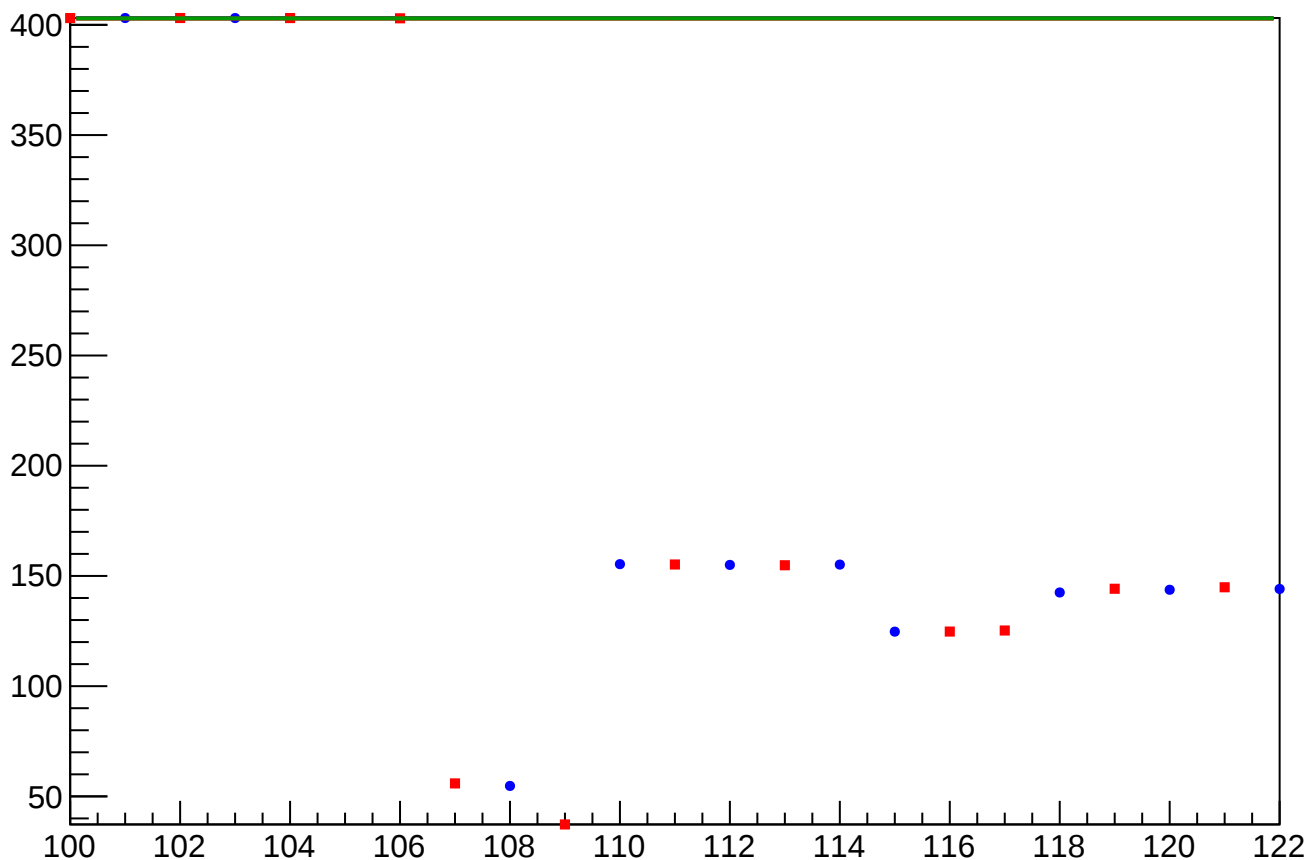
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.354+/-0.000 χ^2/NDF : 1095778.8/9

0.346+/-0.000 χ^2/NDF : 2144118.0/21

0.339+/-0.000 χ^2/NDF : 1042527.2/11

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 403.034+/-0.000 χ^2/NDF : 483295593147.4/9

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

Right Out: 402.852+/-0.000 χ^2/NDF : 2617253519654.9/11

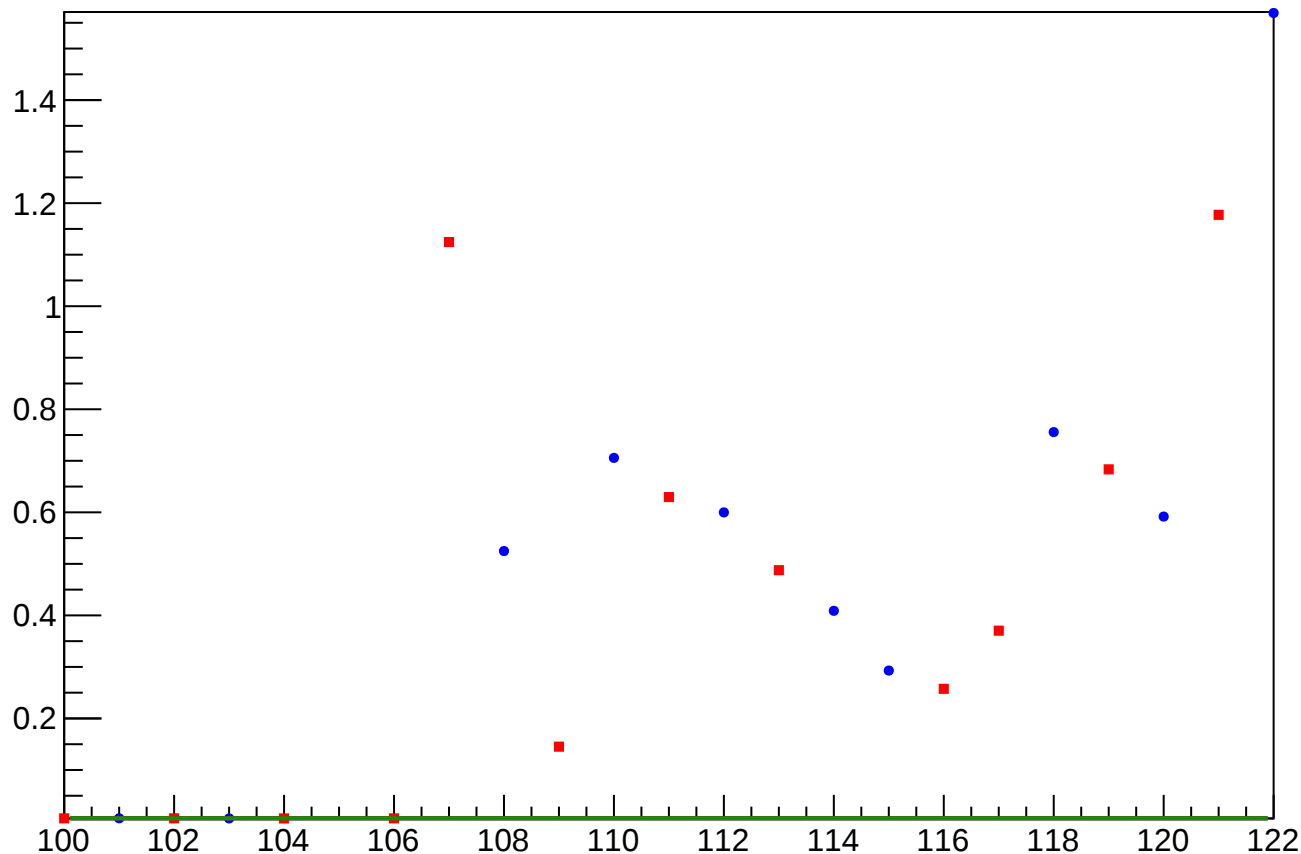
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

403.034+/-0.000 χ^2/NDF : 483295593147.4/9

402.937+/-0.000 χ^2/NDF : 310109538859

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 : 4287527.6/9

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

Right Out: 0.006+/-0.000 χ^2/NDF : 4504249.3/11

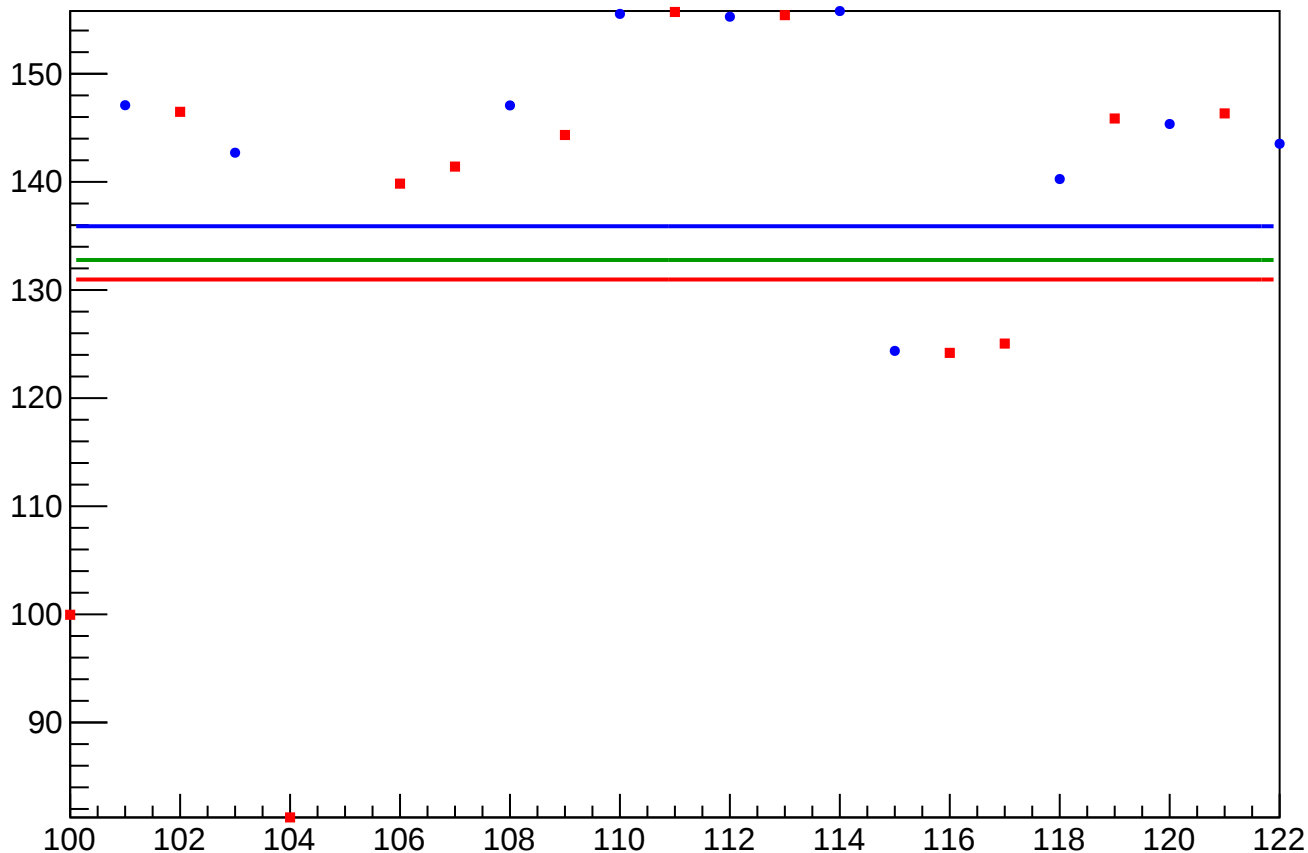
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 4287527.6/9

0.006+/-0.000 χ^2/NDF : 8791800.3/21

0.006+/-0.000 χ^2/NDF : 4504249.3/11

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 135.898 $\pm$ 0.001 χ^2 /NDF: 475499417.0/9

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

Right Out: 130.972 $\pm$ 0.000 χ^2 /NDF: 890810931.2/11

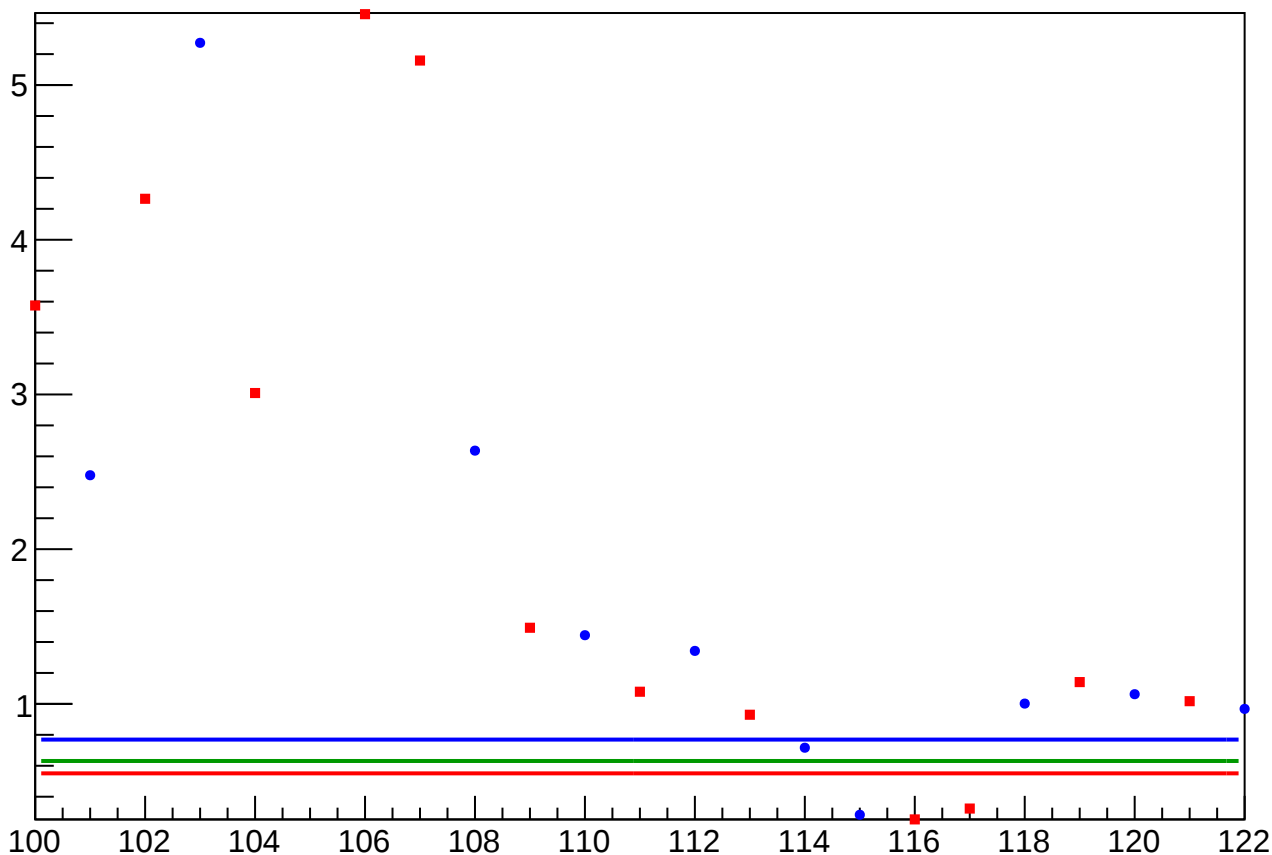
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

135.898 $\pm$ 0.001 χ^2 /NDF: 475499417.0/9

132.777 $\pm$ 0.000 χ^2 /NDF: 1415864828.0/11

130.972 $\pm$ 0.000 χ^2 /NDF: 890810931.2/11

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.769+/-0.000 χ^2/NDF : 2750721.6/9

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

Right Out: 0.551+/-0.000 χ^2/NDF : 4069404.3/11

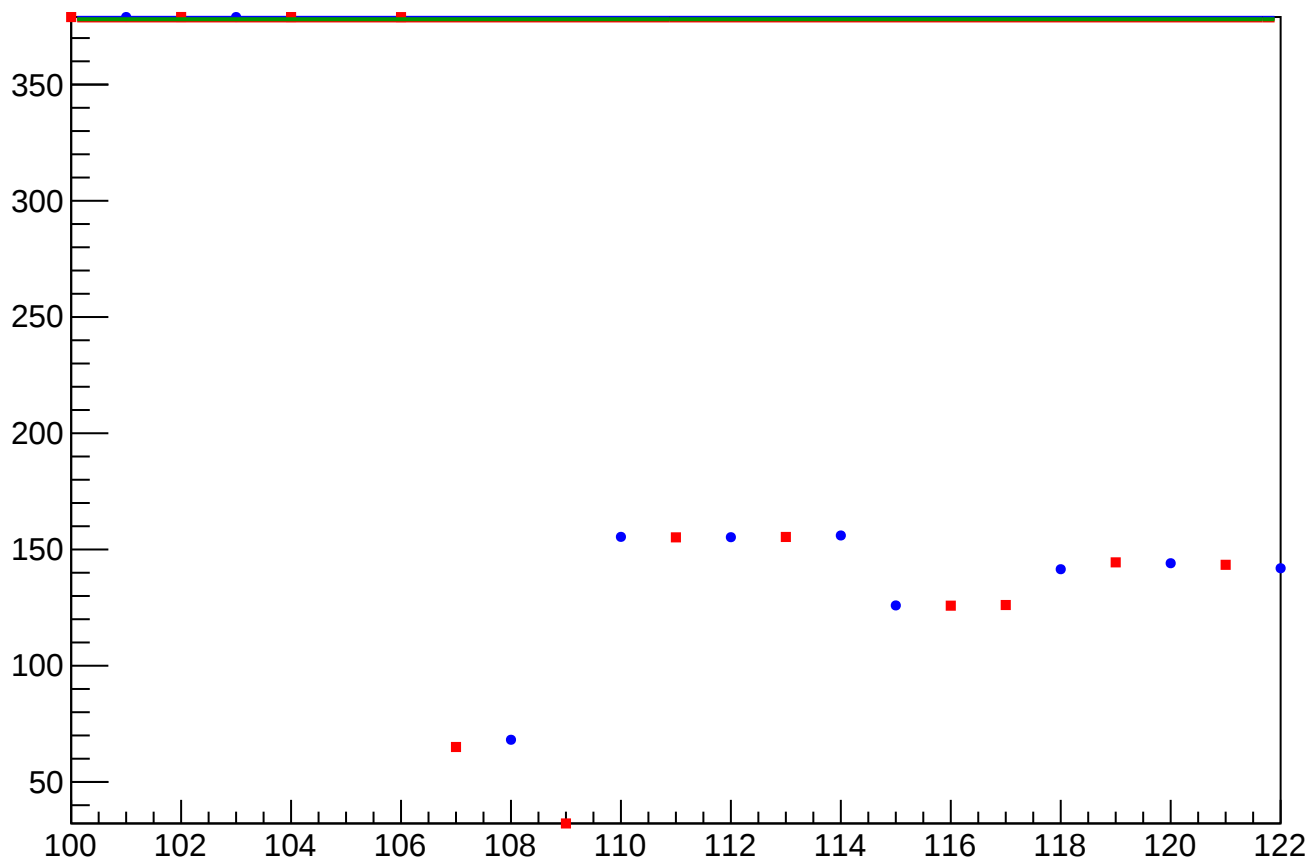
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.769+/-0.000 χ^2/NDF : 2750721.6/9

0.631+/-0.000 χ^2/NDF : 7014718.1/21

0.551+/-0.000 χ^2/NDF : 4069404.3/11

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 378.704+/-0.000 χ^2/NDF : 1183382783597.9/9

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

Right Out: 377.579+/-0.000 χ^2/NDF : 7252180513882.6/11

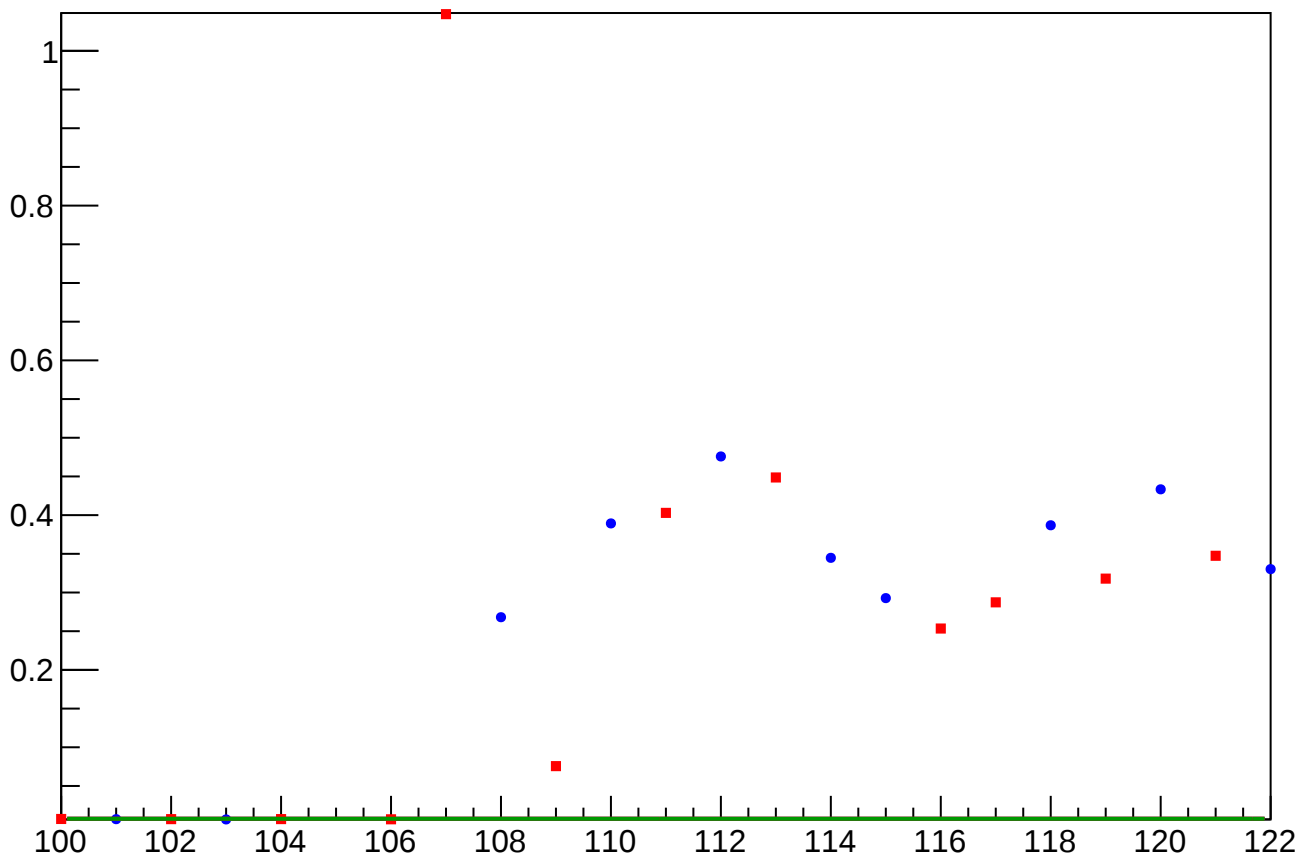
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

378.704+/-0.000 χ^2/NDF : 1183382783597.9/9

378.105+/-0.000 χ^2/NDF : 844452911119

377.579+/-0.000 χ^2/NDF : 7252180513882.6/11

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 4548205.9/9

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

Right Out: 0.008+/-0.000 χ^2/NDF : 4597241.0/11

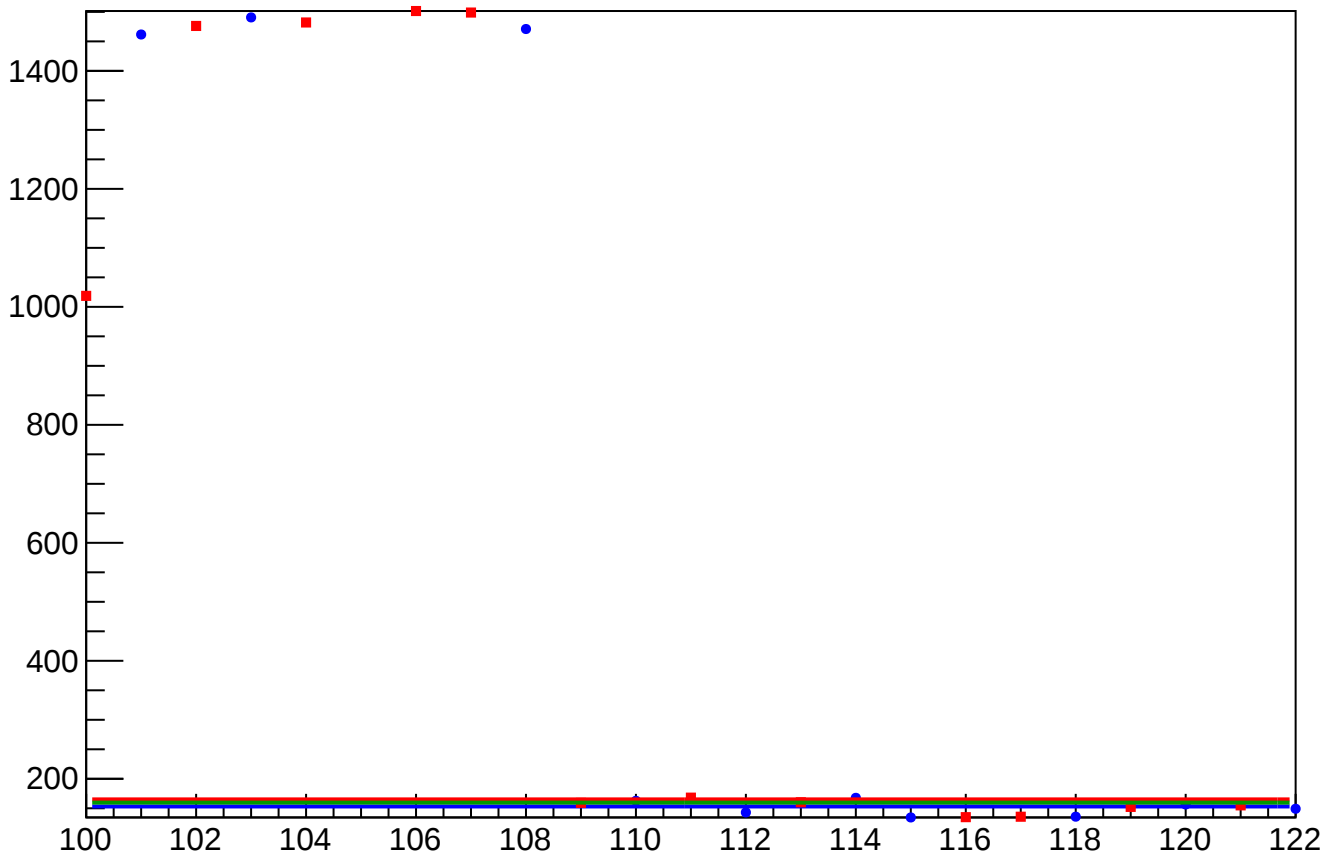
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 4548205.9/9

0.008+/-0.000 χ^2/NDF : 9145845.8/21

0.008+/-0.000 χ^2/NDF : 4597241.0/11

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 153.087+/-0.001 χ^2/NDF : 24064620238.5/9

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

Right Out: 165.086+/-0.001 χ^2/NDF : 32844851834.7/11

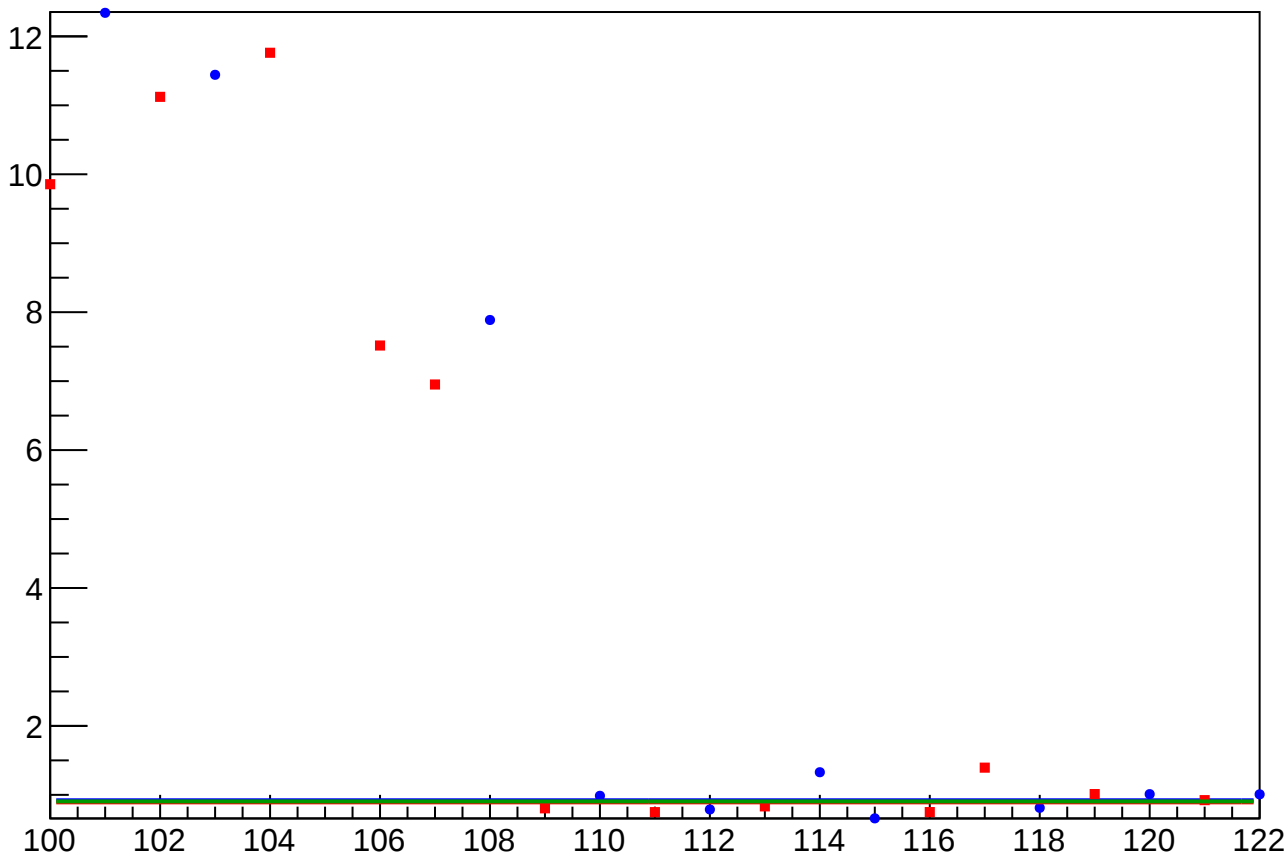
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

153.087+/-0.001 χ^2/NDF : 24064620238.5/9

159.604+/-0.000 χ^2/NDF : 57088409804.1

165.086+/-0.001 χ^2/NDF : 32844851834.7/11

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.921+/-0.000 χ^2/NDF : 2537410.5/9

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

Right Out: 0.891+/-0.000 χ^2/NDF : 2691157.1/11

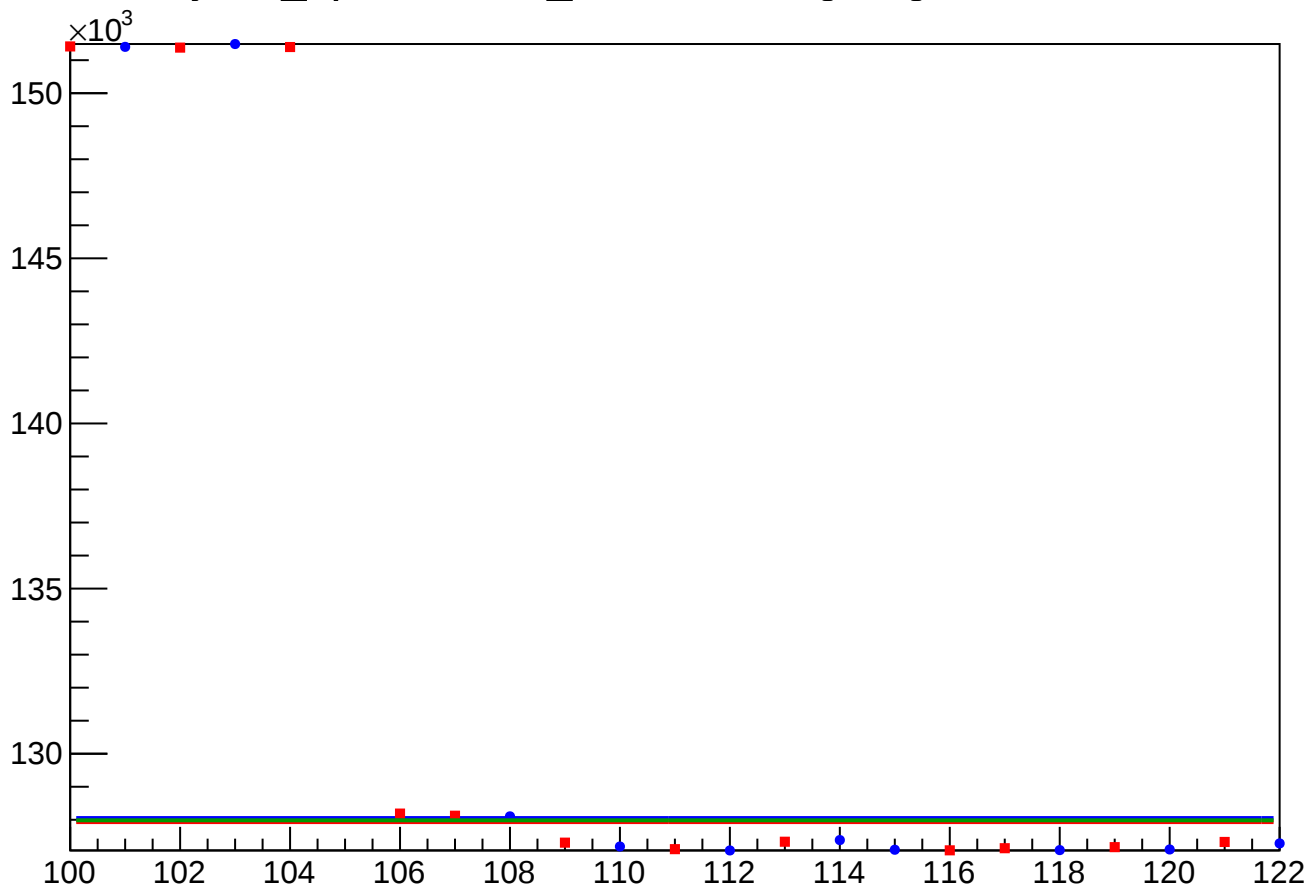
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.921+/-0.000 χ^2/NDF : 2537410.5/9

0.905+/-0.000 χ^2/NDF : 5230833.5/21

0.891+/-0.000 χ^2/NDF : 2691157.1/11

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 128051.602 $\pm$ 0.067 χ^2 /NDF: 4152287031.8/9

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

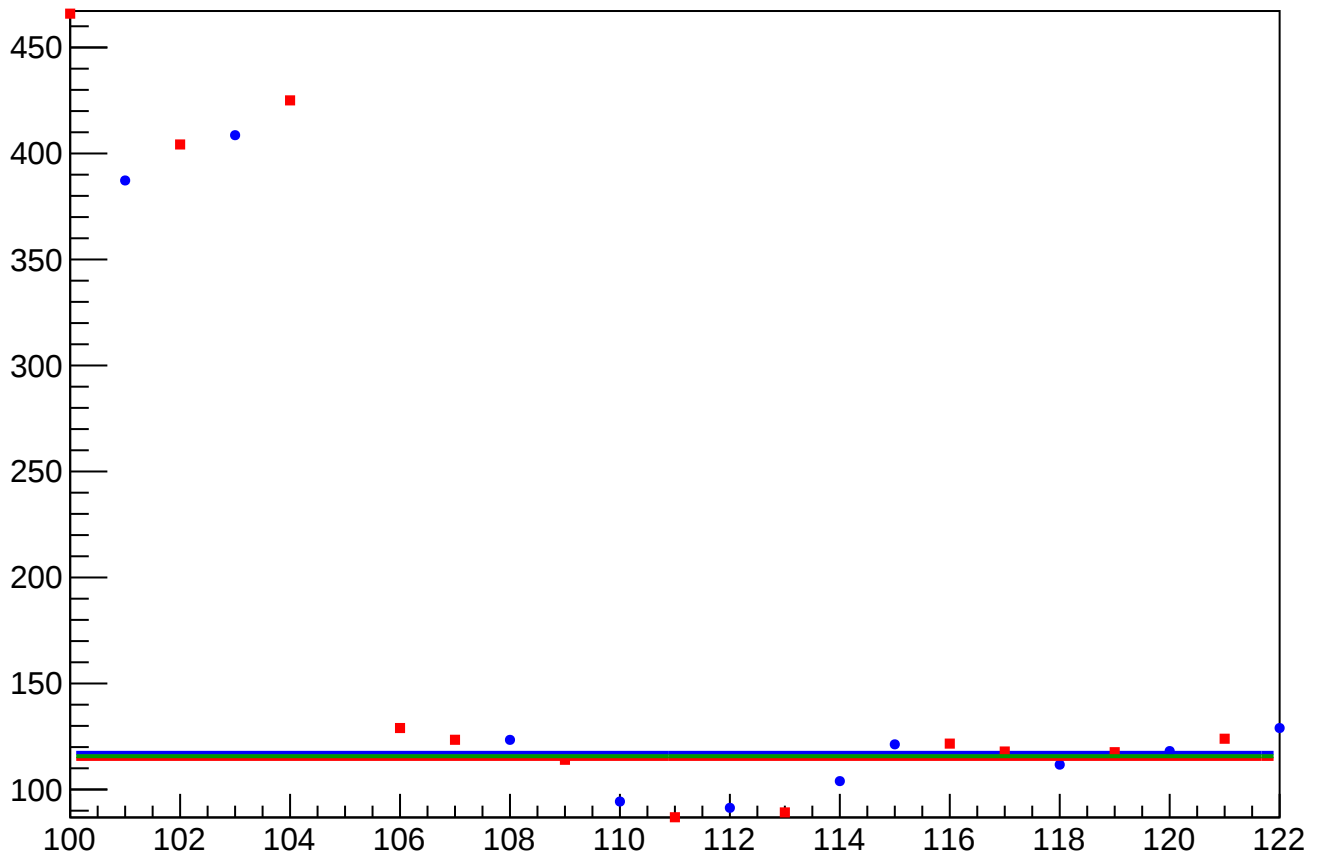
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

128051.602 $\pm$ 0.067 χ^2 /NDF: 4152287031.8/9

127984.538 $\pm$ 0.045 χ^2 /NDF: 778364222

127930.270 $\pm$ 0.060 χ^2 /NDF: 3629553238.5/11

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 117.285+/-0.048 χ^2/NDF : 1267393.1/9

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

Right Out: 114.425+/-0.043 χ^2/NDF : 1335731.3/11

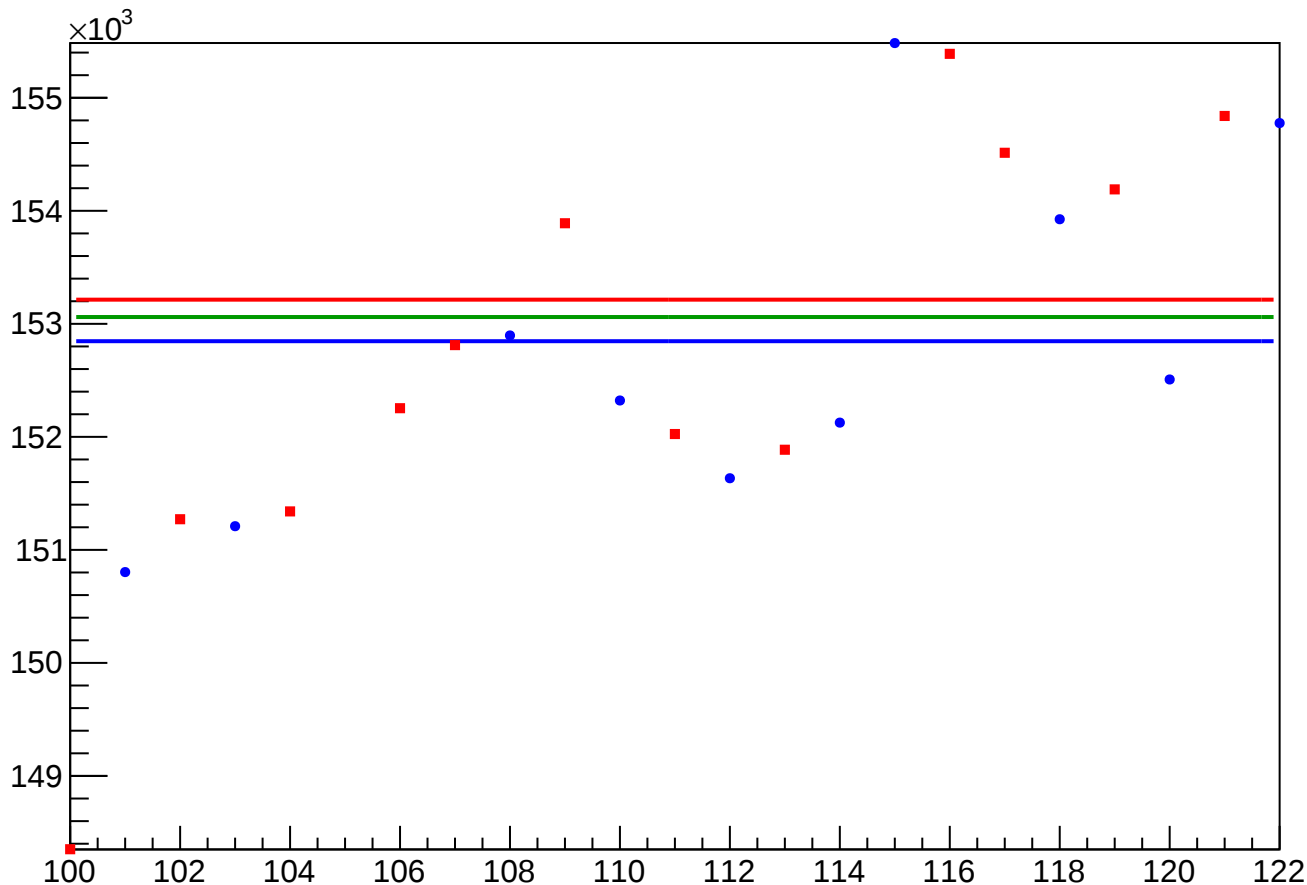
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

117.285+/-0.048 χ^2/NDF : 1267393.1/9

115.704+/-0.032 χ^2/NDF : 2605127.3/21

114.425+/-0.043 χ^2/NDF : 1335731.3/11

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 152846.382 $\pm$ 0.102 χ^2 /NDF: 149689818.9/9

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

Right Out: 153213.923 $\pm$ 0.087 χ^2 /NDF: 216709963.4/11

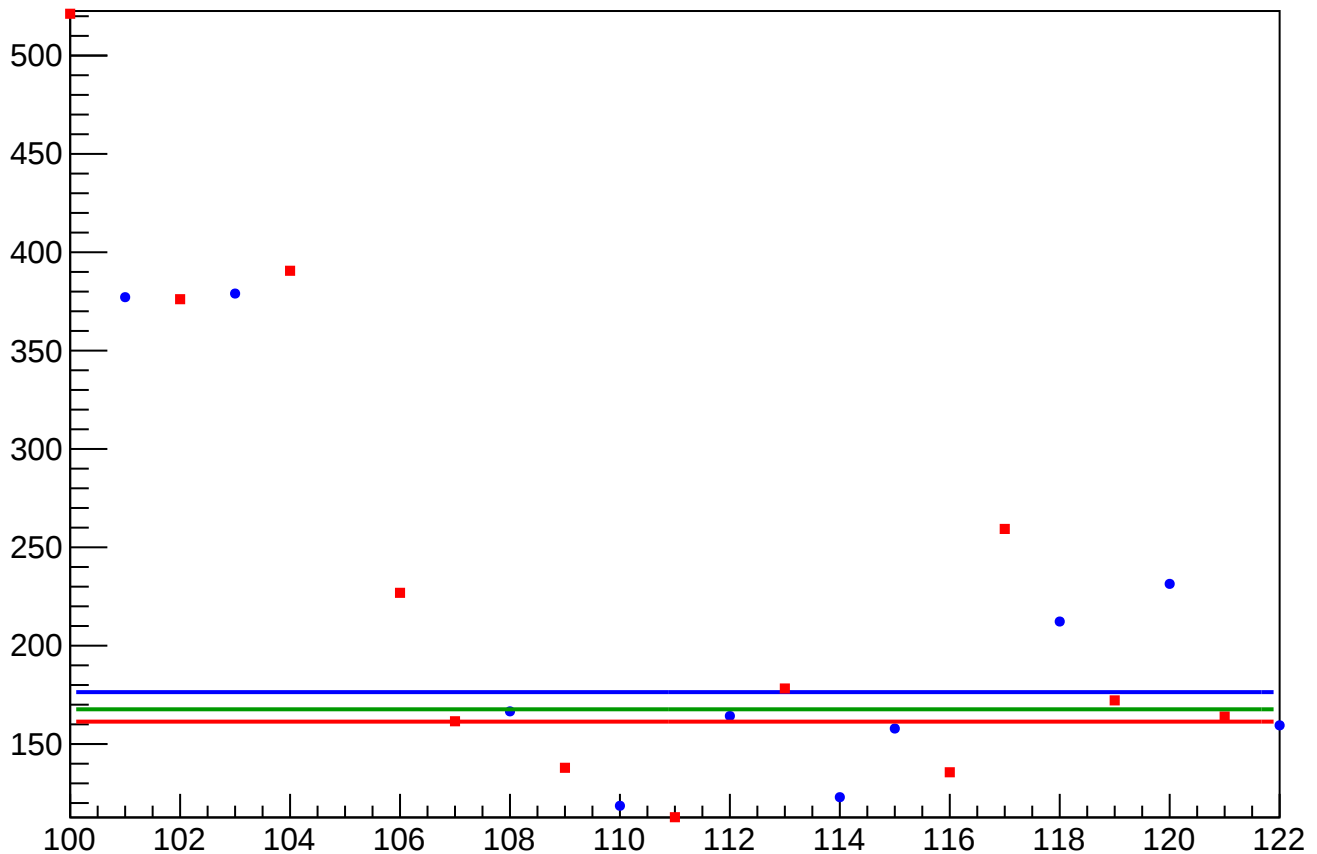
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

152846.382 $\pm$ 0.102 χ^2 /NDF: 149689818.9/9

153060.256 $\pm$ 0.066 χ^2 /NDF: 373898289

153213.923 $\pm$ 0.087 χ^2 /NDF: 216709963.4/11

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 176.380 $\pm$ 0.072 χ^2 /NDF: 904698.0/9

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

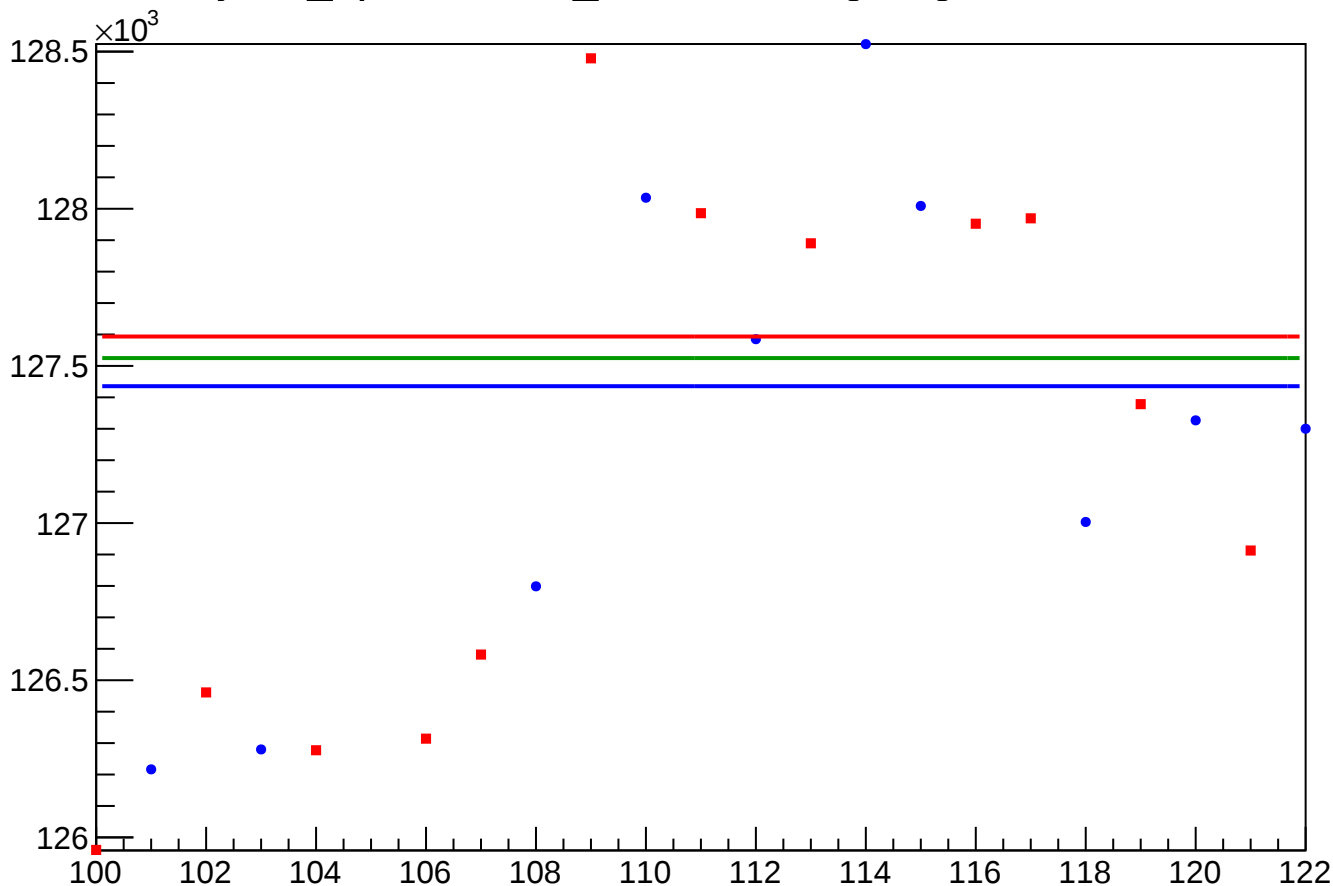
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

176.380 $\pm$ 0.072 χ^2 /NDF: 904698.0/9

167.654 $\pm$ 0.047 χ^2 /NDF: 1945172.4/21

161.384 $\pm$ 0.061 χ^2 /NDF: 1015507.4/11

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127435.460 $\pm$ 0.079 χ^2 /NDF: 55343034.1/9

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

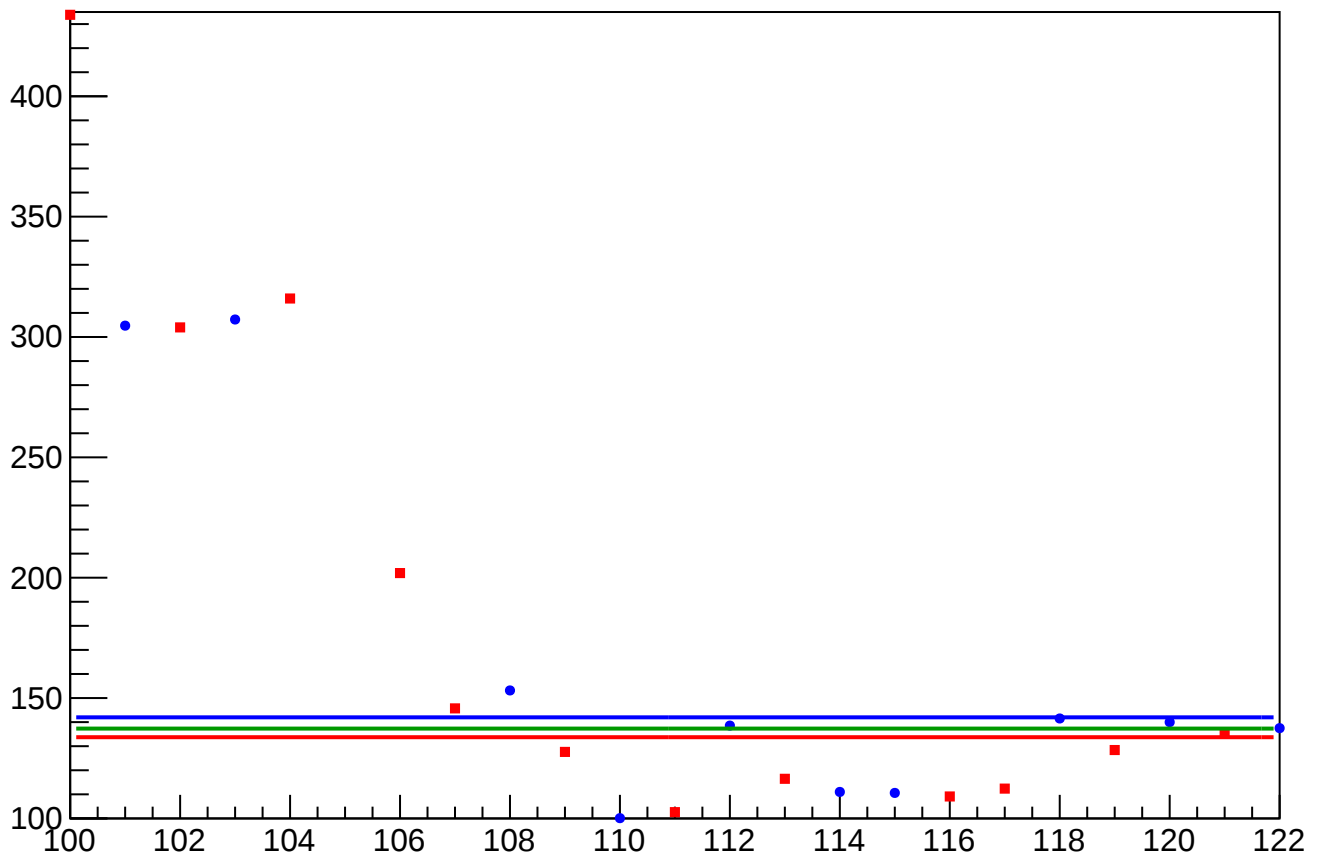
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

127435.460 $\pm$ 0.079 χ^2 /NDF: 55343034.1/9

127524.953 $\pm$ 0.052 χ^2 /NDF: 148014911

127593.555 $\pm$ 0.069 χ^2 /NDF: 90411333.3/11

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 141.989 $\pm$ 0.056 χ^2 /NDF: 821206.8/9

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

Right Out: 133.732 $\pm$ 0.049 χ^2 /NDF: 926375.1/11

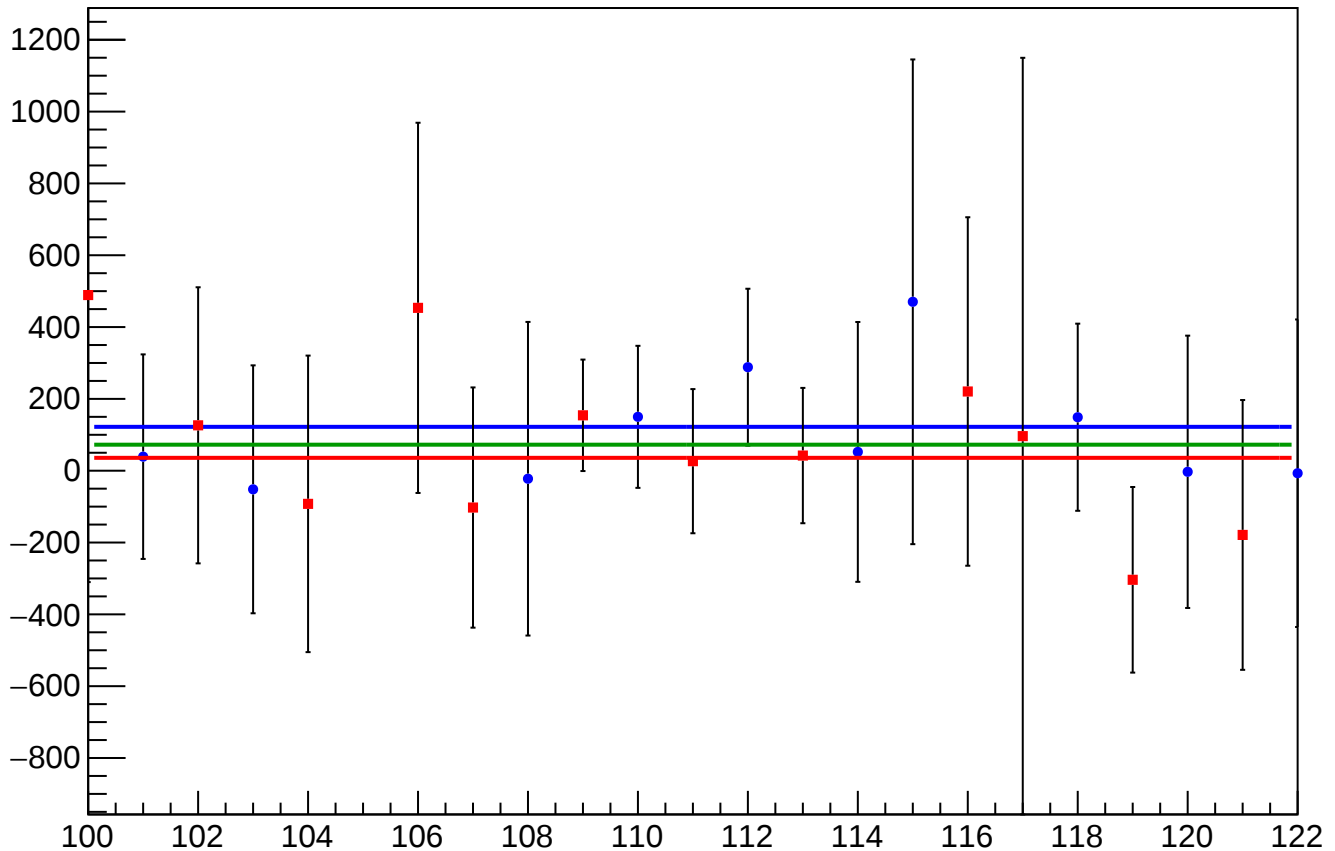
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

141.989 $\pm$ 0.056 χ^2 /NDF: 821206.8/9

137.315 $\pm$ 0.037 χ^2 /NDF: 1759916.3/21

133.732 $\pm$ 0.049 χ^2 /NDF: 926375.1/11

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 122.175+/-95.578 χ^2/NDF : 1.6/9

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

Right Out: 35.852+/-82.030 χ^2/NDF : 4.1/11

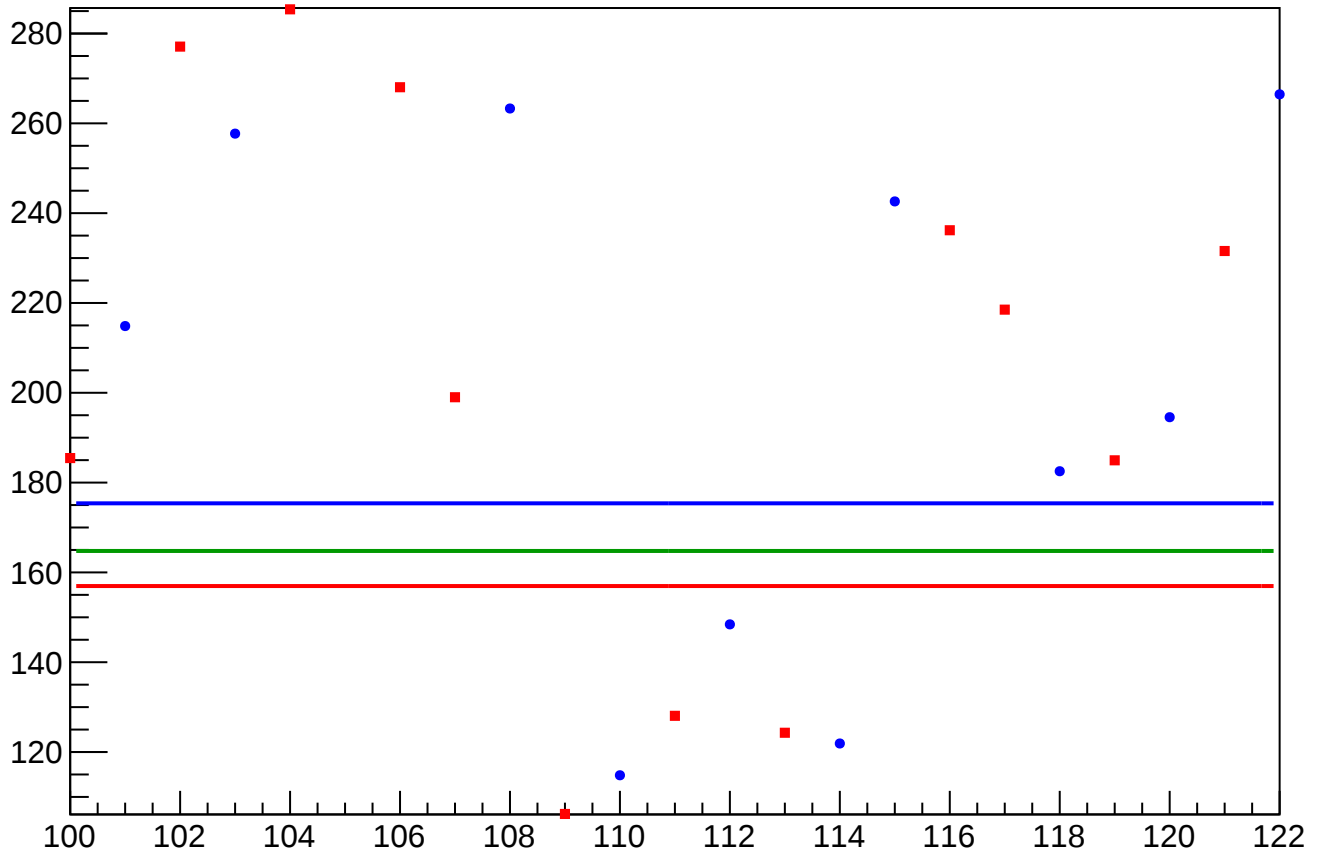
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

122.175+/-95.578 χ^2/NDF : 1.6/9

72.467+/-62.248 χ^2/NDF : 6.1/21

35.852+/-82.030 χ^2/NDF : 4.1/11

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 175.382 $\pm$ 0.068 χ^2 /NDF: 611915.9/9

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

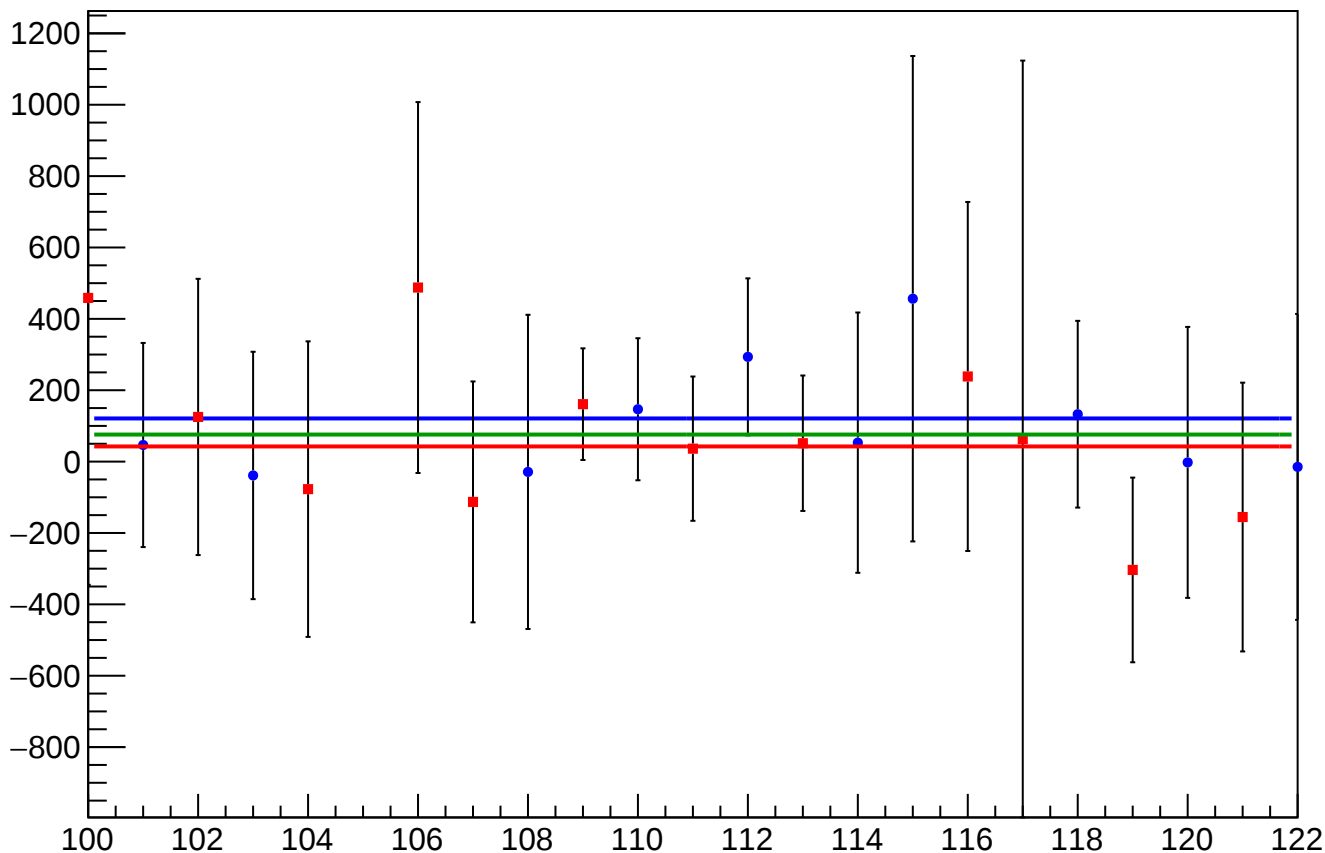
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

175.382 $\pm$ 0.068 χ^2 /NDF: 611915.9/9

164.775 $\pm$ 0.044 χ^2 /NDF: 1648547.6/21

156.962 $\pm$ 0.058 χ^2 /NDF: 993855.6/11

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 120.933+/-96.097 χ^2/NDF : 1.5/9

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

Right Out: 42.458+/-82.565 χ^2/NDF : 4.1/11

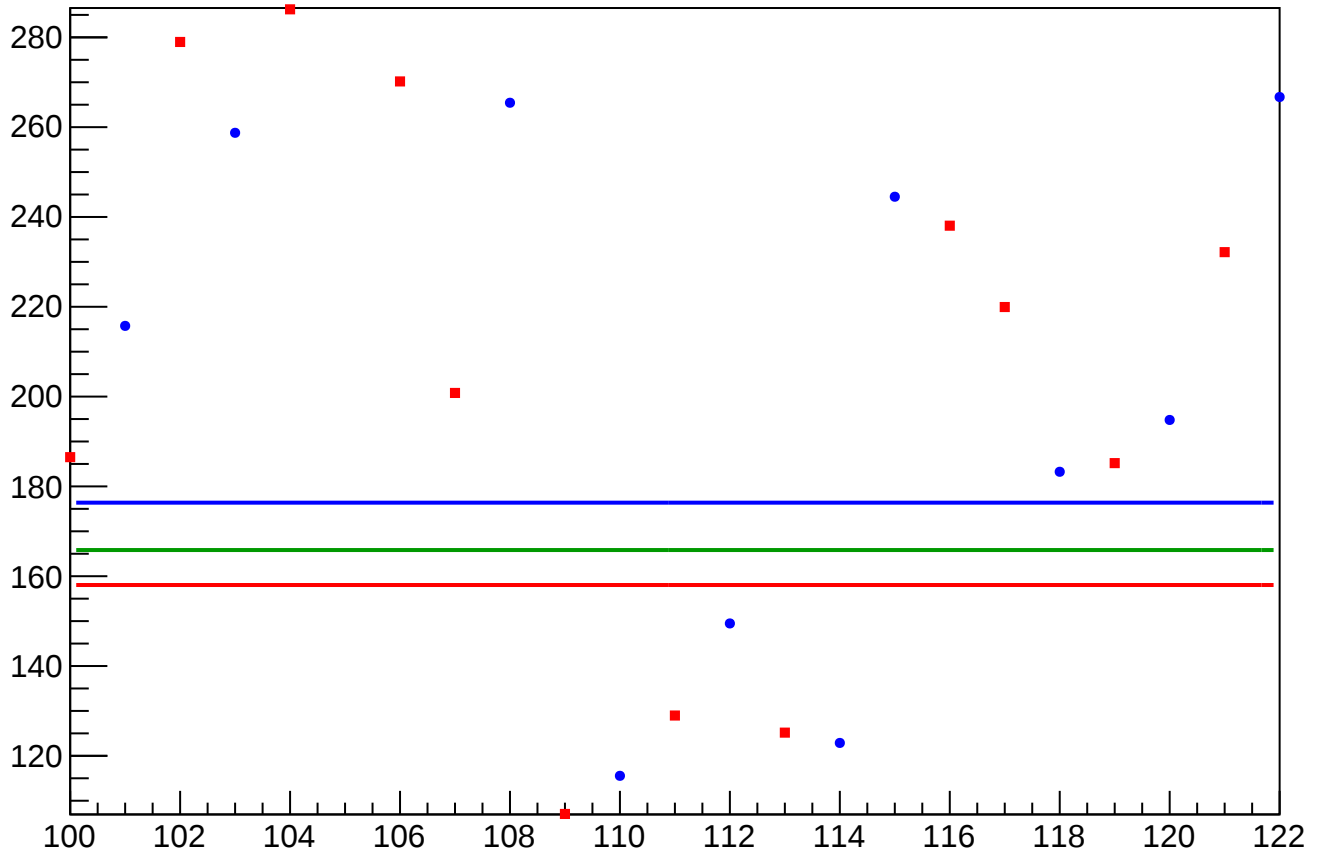
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

120.933+/-96.097 χ^2/NDF : 1.5/9

75.786+/-62.625 χ^2/NDF : 6.0/21

42.458+/-82.565 χ^2/NDF : 4.1/11

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 176.378+/-0.068 χ^2/NDF : 607491.0/9

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

Right Out: 158.040+/-0.058 χ^2/NDF : 988359.8/11

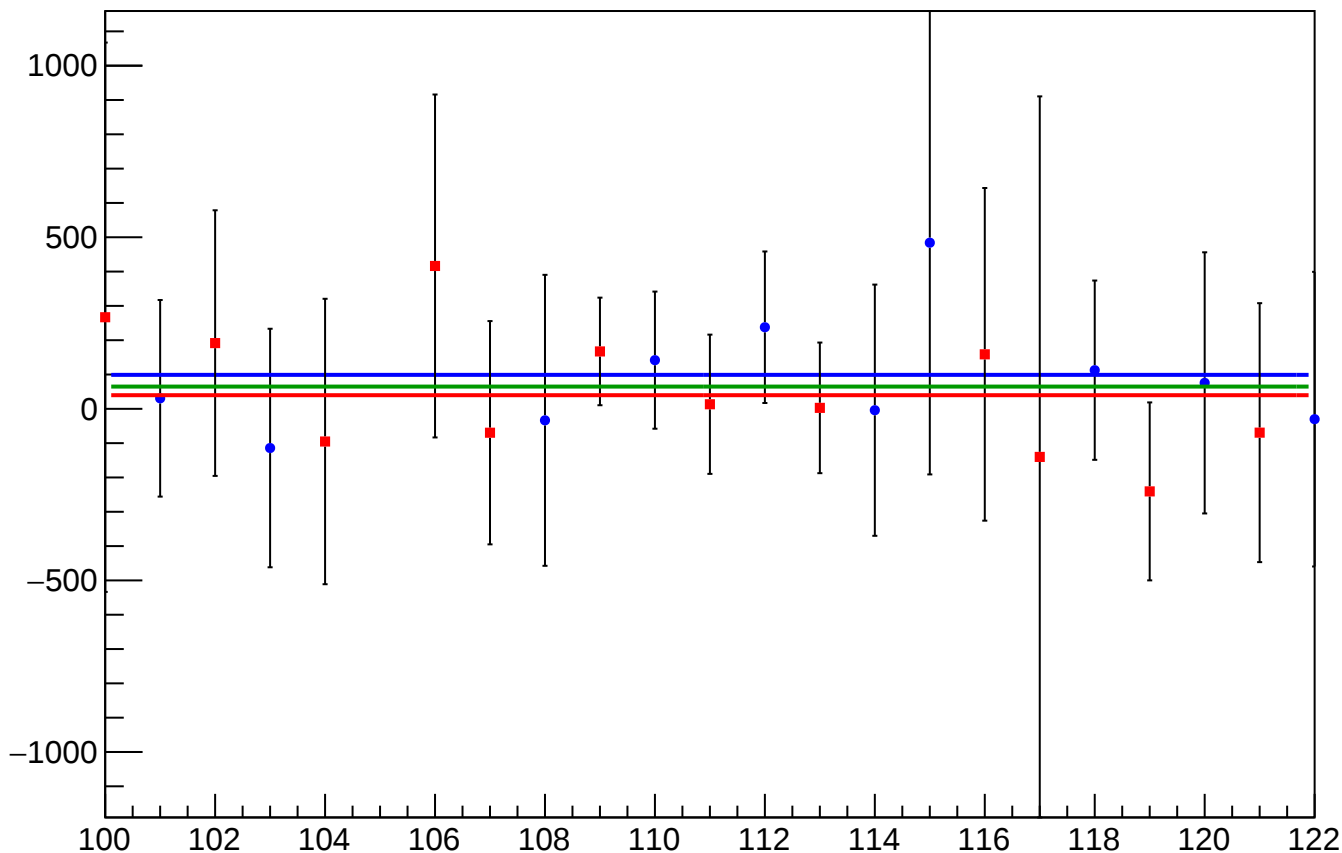
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

176.378+/-0.068 χ^2/NDF : 607491.0/9

165.828+/-0.044 χ^2/NDF : 1637753.0/21

158.040+/-0.058 χ^2/NDF : 988359.8/11

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 99.005 +/- 96.124 χ^2/NDF : 1.5/9

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

Right Out: 39.728 +/- 82.444 χ^2/NDF : 3.1/11

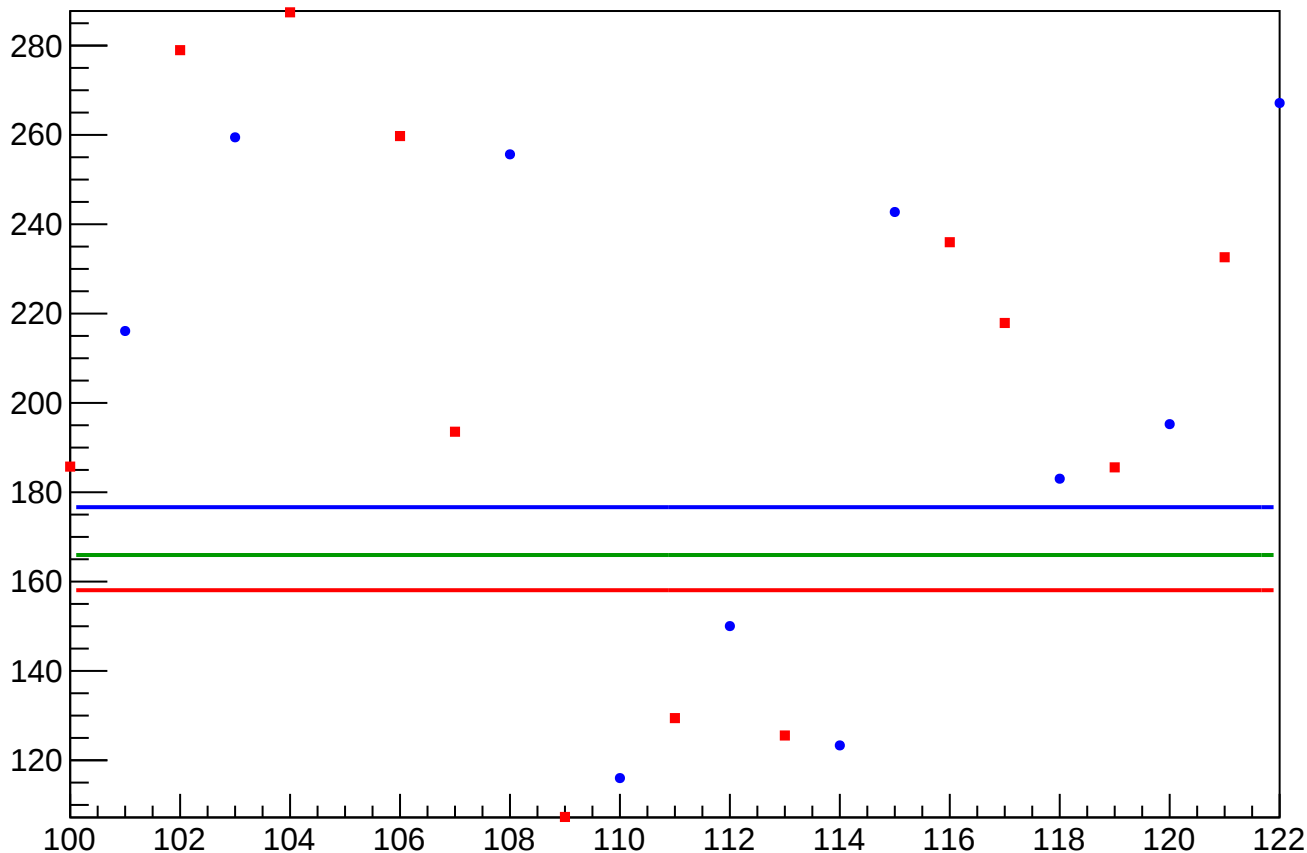
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

99.005 +/- 96.124 χ^2/NDF : 1.5/9

64.852 +/- 62.580 χ^2/NDF : 4.8/21

39.728 +/- 82.444 χ^2/NDF : 3.1/11

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 176.660 $\pm$ 0.068 χ^2 /NDF: 590588.4/9

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

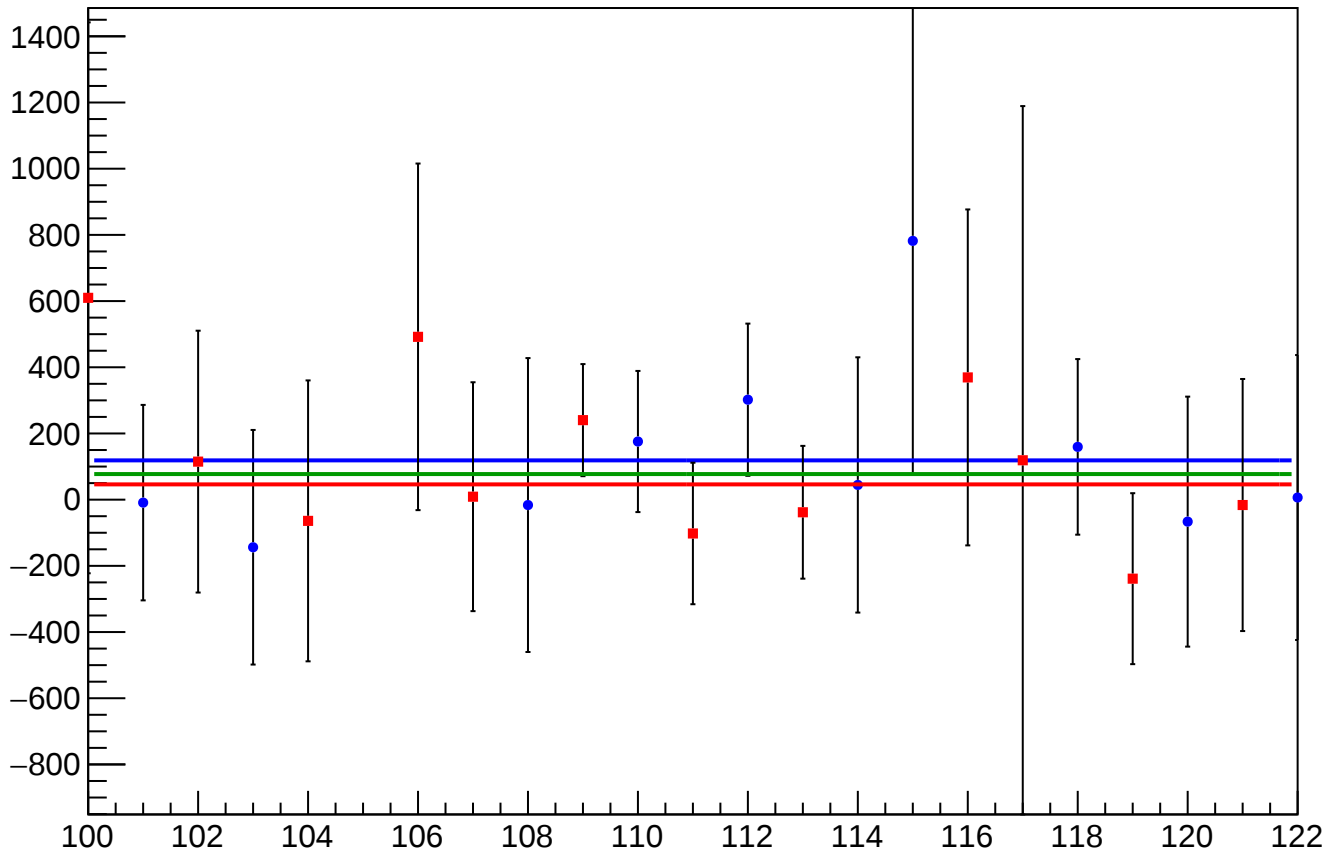
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

176.660 $\pm$ 0.068 χ^2 /NDF: 590588.4/9

165.950 $\pm$ 0.044 χ^2 /NDF: 1598063.5/21

158.072 $\pm$ 0.058 χ^2 /NDF: 964384.2/11

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 118.684+/-99.618 χ^2/NDF : 2.8/9

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

Right Out: 46.161+/-86.504 χ^2/NDF : 4.9/11

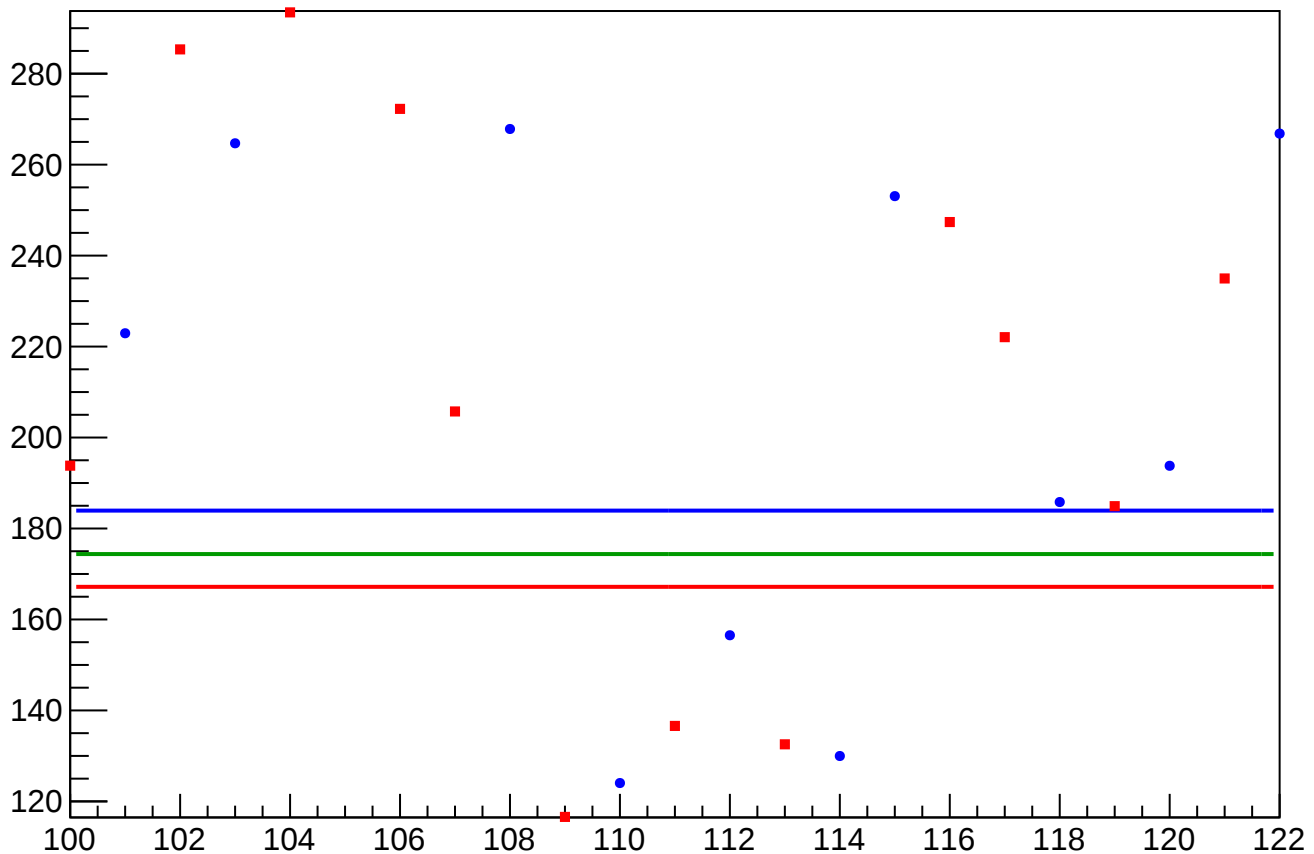
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

118.684+/-99.618 χ^2/NDF : 2.8/9

77.338+/-65.315 χ^2/NDF : 8.0/21

46.161+/-86.504 χ^2/NDF : 4.9/11

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 183.934 $\pm$ 0.070 χ^2 /NDF: 530440.6/9

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

Right Out: 167.174 $\pm$ 0.061 χ^2 /NDF: 870074.0/11

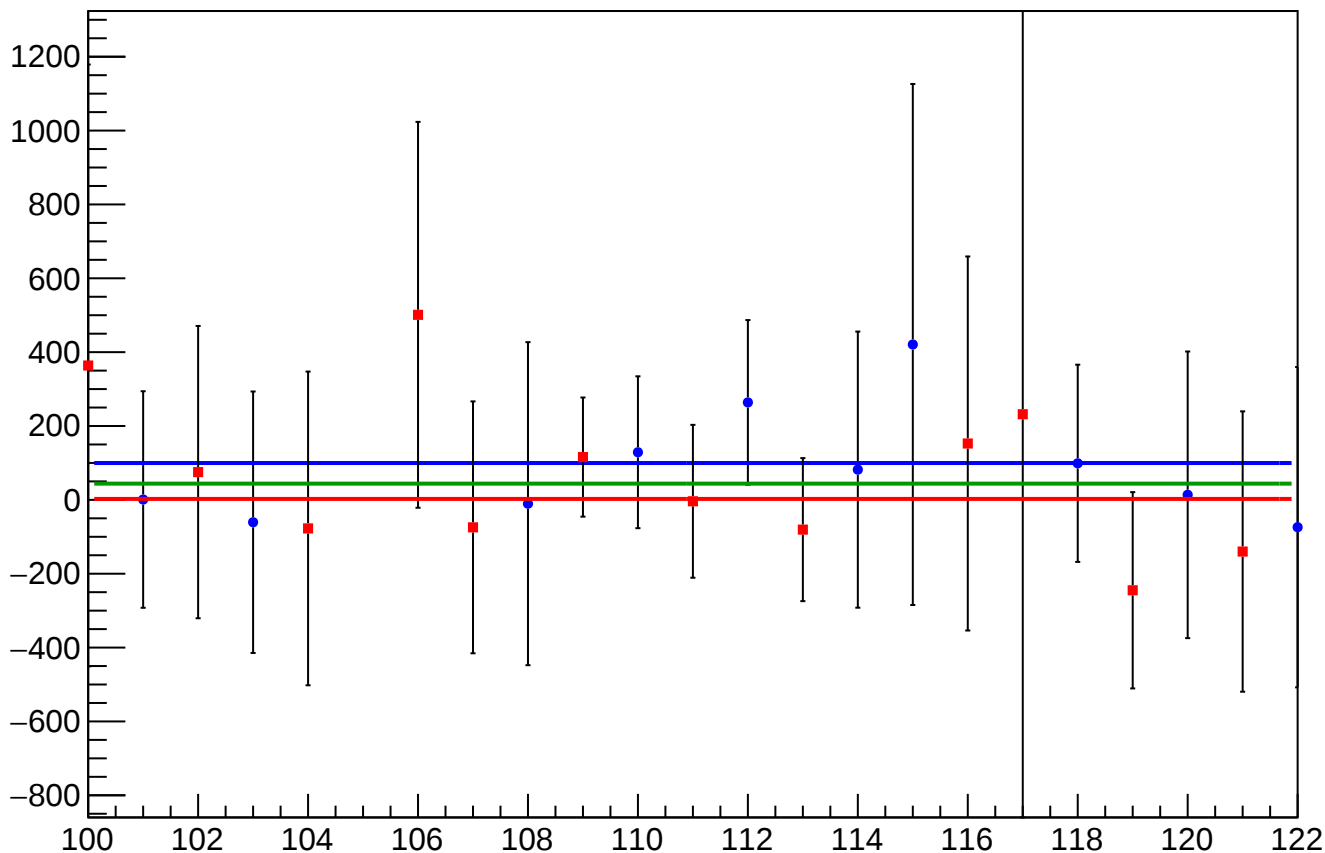
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

183.934 $\pm$ 0.070 χ^2 /NDF: 530440.6/9

174.379 $\pm$ 0.046 χ^2 /NDF: 1432789.0/21

167.174 $\pm$ 0.061 χ^2 /NDF: 870074.0/11

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 99.764±/-98.173 χ^2/NDF : 1.4/9

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

Right Out: 2.577±/-84.531 χ^2/NDF : 3.0/11

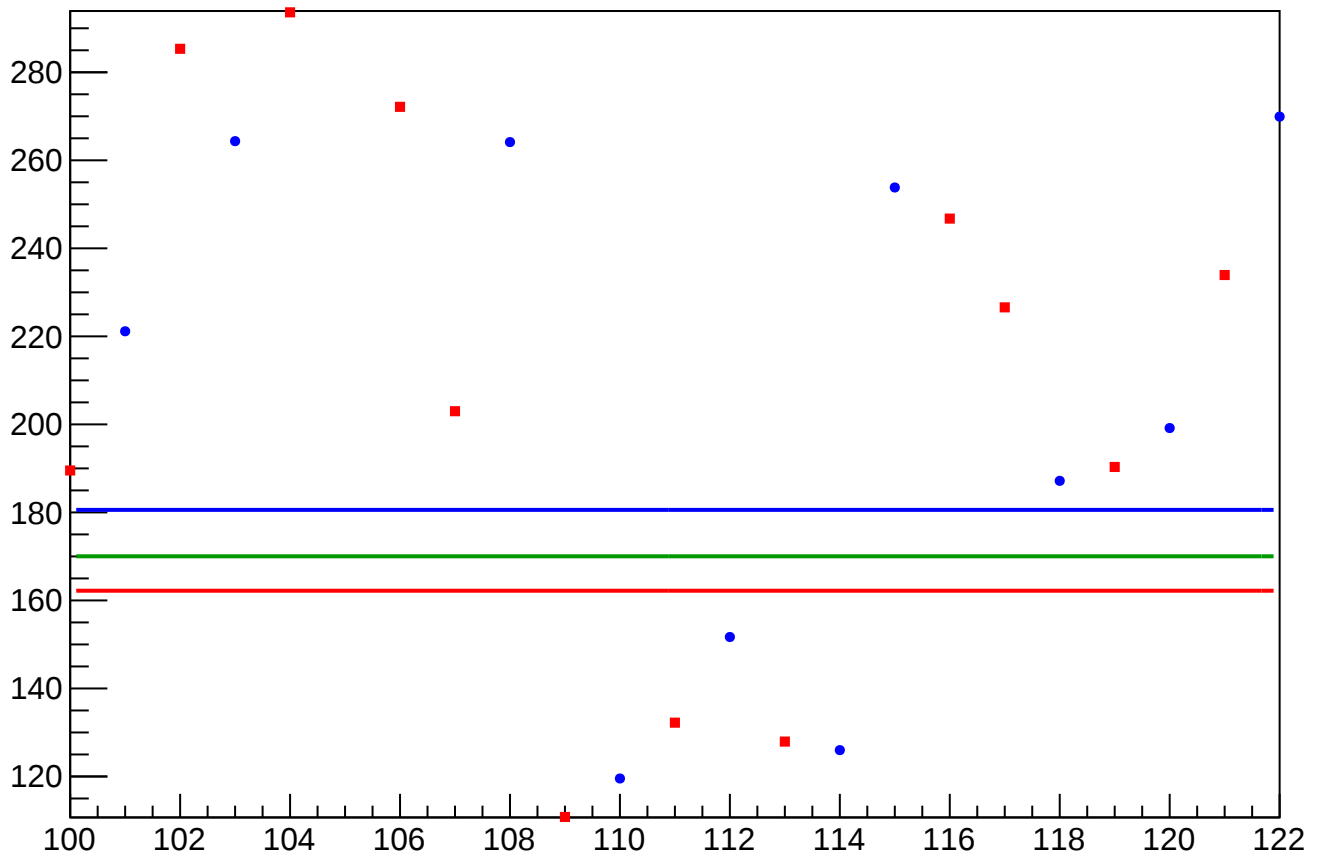
Left In: 0.000±/-0.000 χ^2/NDF : 0.0/0

99.764±/-98.173 χ^2/NDF : 1.4/9

43.954±/-64.057 χ^2/NDF : 5.0/21

2.577±/-84.531 χ^2/NDF : 3.0/11

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 180.575+/-0.069 χ^2/NDF : 587995.3/9

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

Right Out: 162.207+/-0.060 χ^2/NDF : 968617.5/11

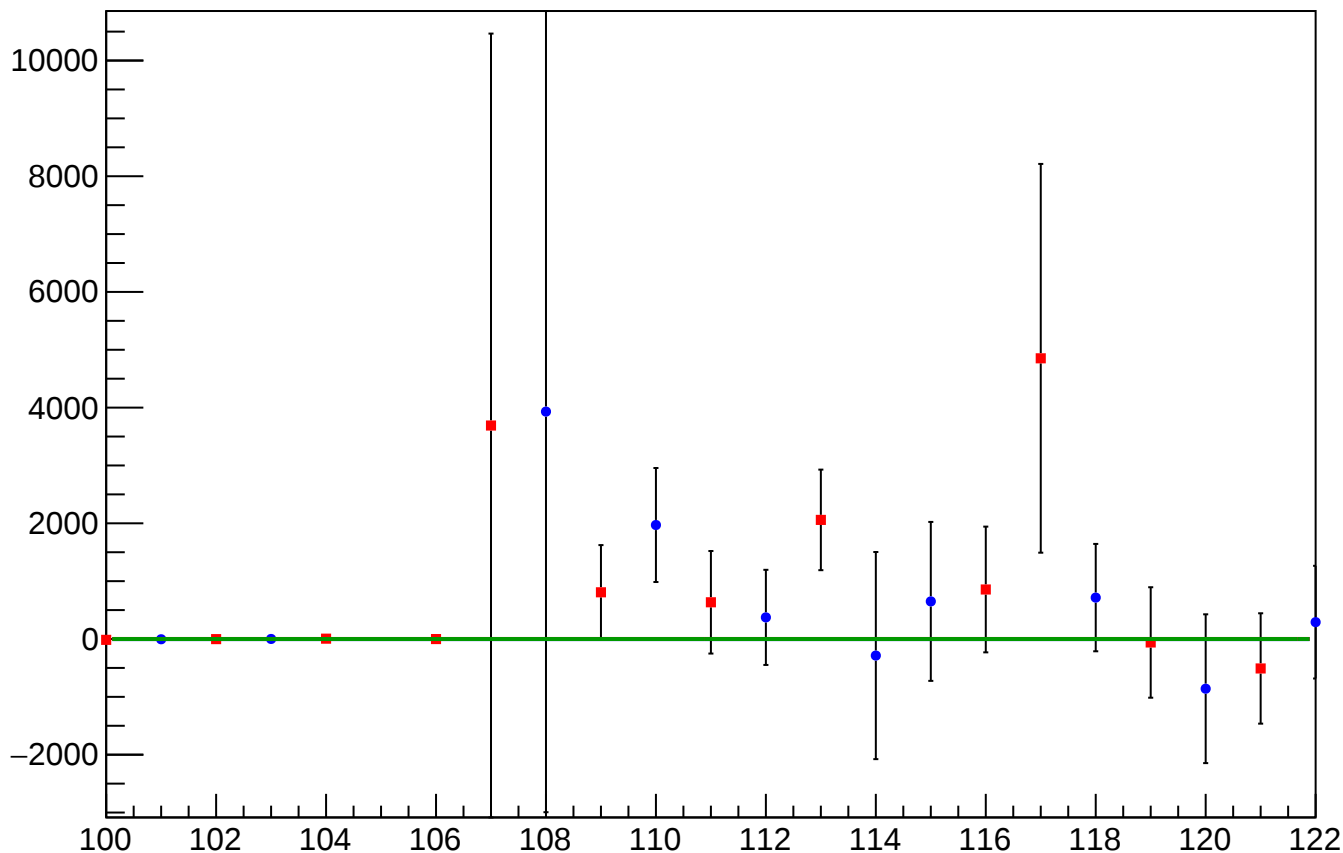
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

180.575+/-0.069 χ^2/NDF : 587995.3/9

170.027+/-0.045 χ^2/NDF : 1596815.9/21

162.207+/-0.060 χ^2/NDF : 968617.5/11

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.502+/-2.252 χ^2 /NDF: 7.2/9

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

Right Out: 0.736+/-2.111 χ^2 /NDF: 16.3/11

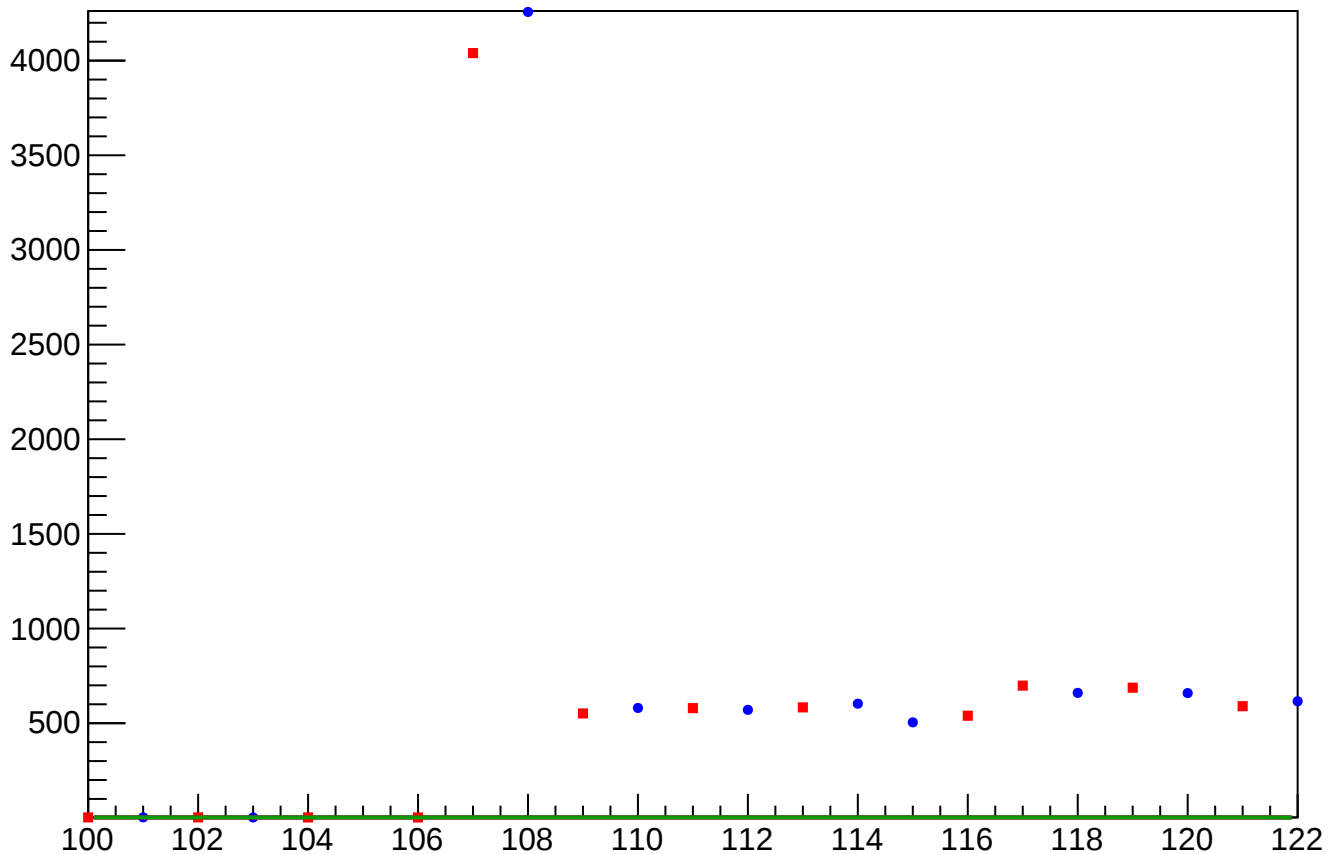
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.502+/-2.252 χ^2 /NDF: 7.2/9

-0.311+/-1.540 χ^2 /NDF: 24.1/21

0.736+/-2.111 χ^2 /NDF: 16.3/11

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.430 $\pm$ 0.002 χ^2 /NDF: 5224281.6/9

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

Right Out: 2.415 $\pm$ 0.001 χ^2 /NDF: 5732825.0/11

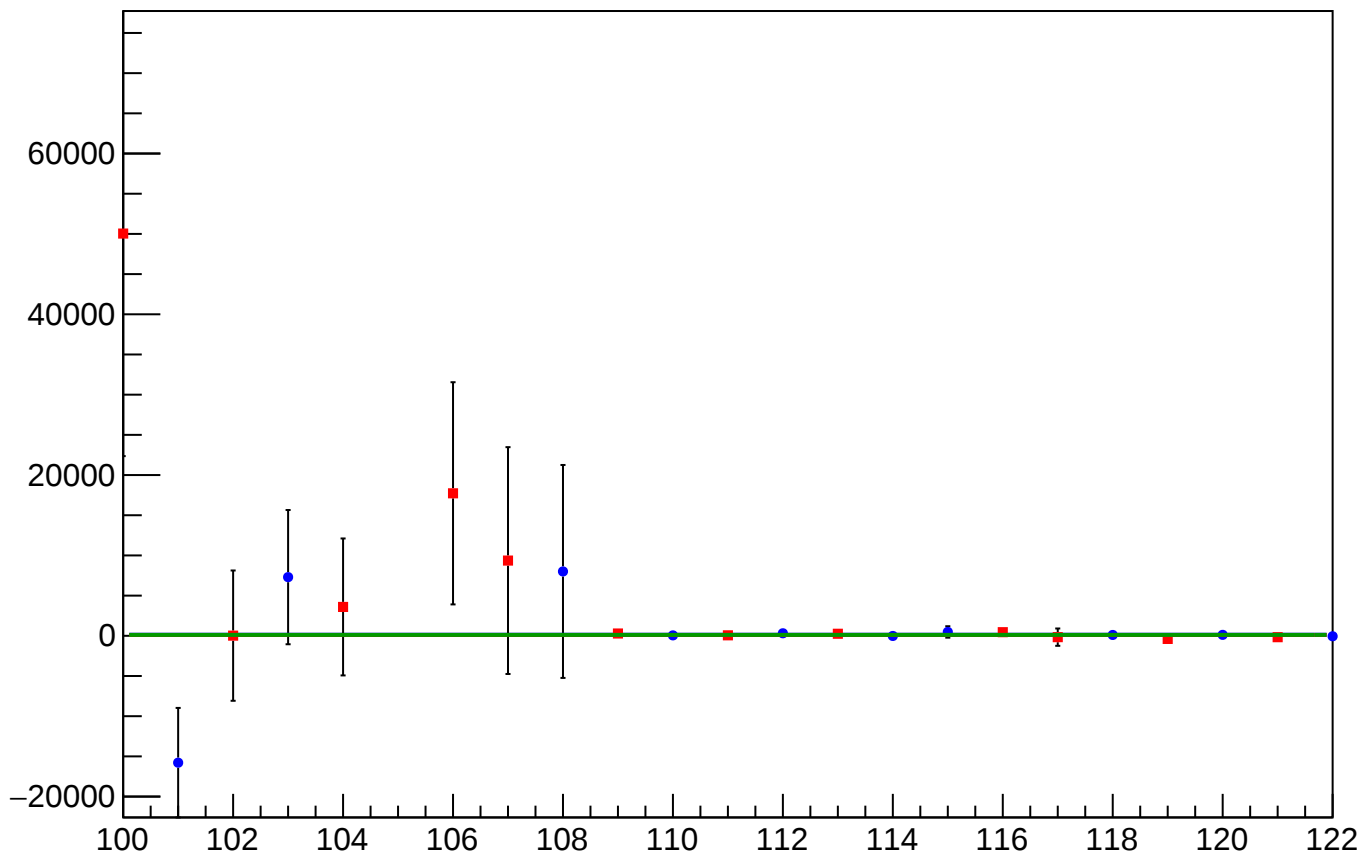
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.430 $\pm$ 0.002 χ^2 /NDF: 5224281.6/9

2.422 $\pm$ 0.001 χ^2 /NDF: 10957151.1/21

2.415 $\pm$ 0.001 χ^2 /NDF: 5732825.0/11

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 130.632 $\pm$ 115.546 χ^2 /NDF: 7.9/9

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

Right Out: 102.390 $\pm$ 105.214 χ^2 /NDF: 10.7/11

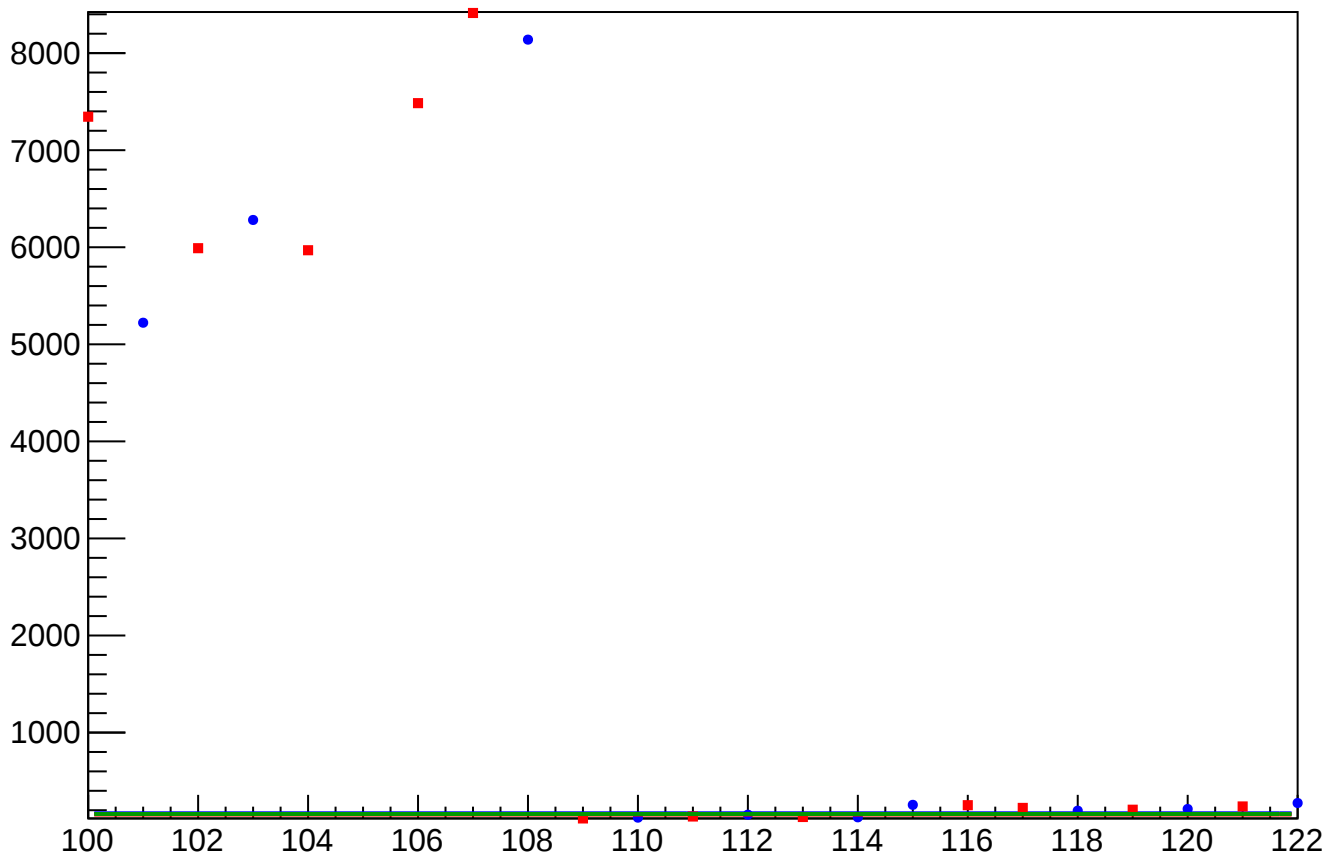
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

130.632 $\pm$ 115.546 χ^2 /NDF: 7.9/9

115.192 $\pm$ 77.794 χ^2 /NDF: 18.7/21

102.390 $\pm$ 105.214 χ^2 /NDF: 10.7/11

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 168.190 $\pm$ 0.082 χ^2 /NDF: 3205043.0/9

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

Right Out: 155.296 $\pm$ 0.074 χ^2 /NDF: 3692831.0/11

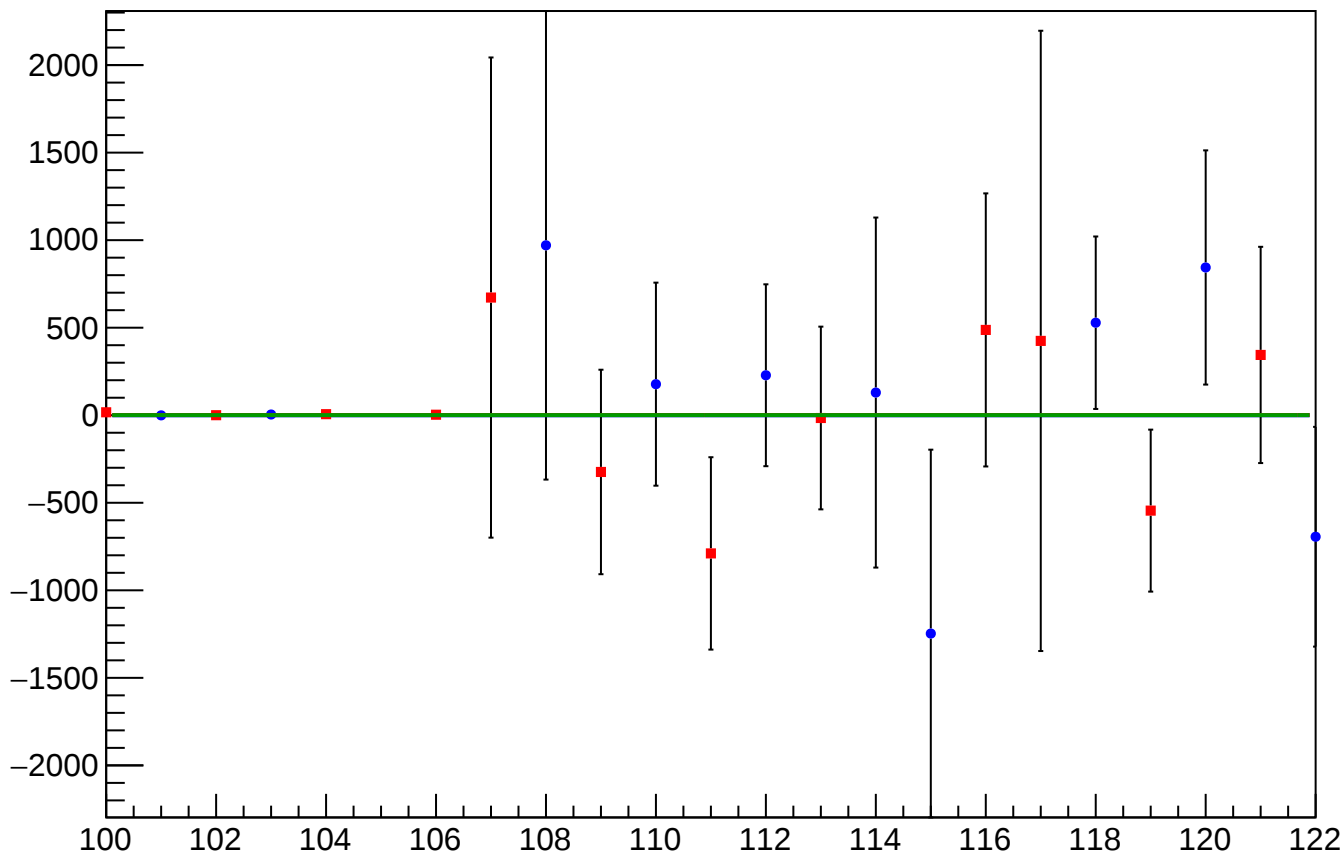
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

168.190 $\pm$ 0.082 χ^2 /NDF: 3205043.0/9

161.141 $\pm$ 0.055 χ^2 /NDF: 6911490.0/21

155.296 $\pm$ 0.074 χ^2 /NDF: 3692831.0/11

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.150+/-1.737 χ^2/NDF : 7.0/9

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

Right Out: 1.324+/-1.623 χ^2/NDF : 7.5/11

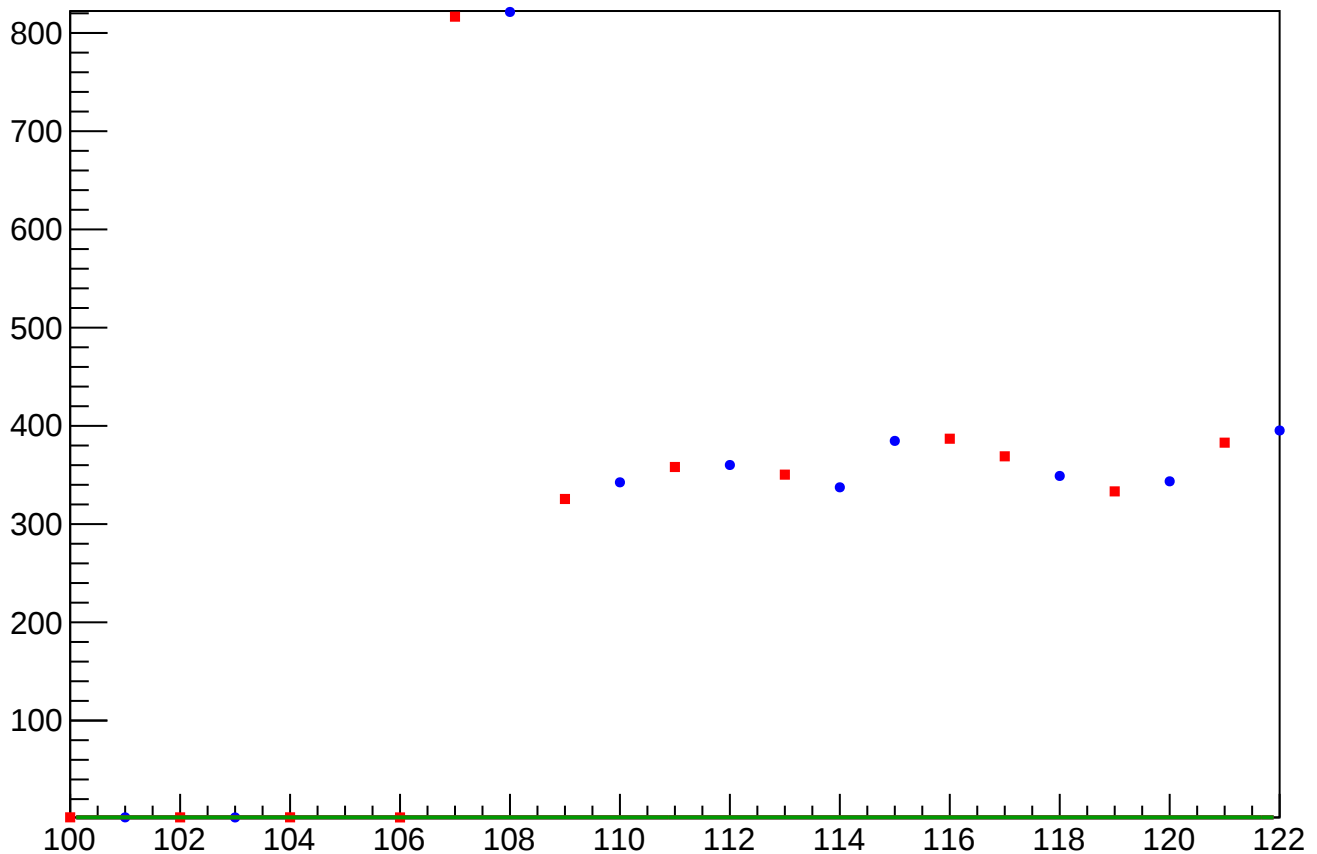
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.150+/-1.737 χ^2/NDF : 7.0/9

0.637+/-1.186 χ^2/NDF : 14.9/21

1.324+/-1.623 χ^2/NDF : 7.5/11

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.431+/-0.001 χ^2/NDF : 5196945.9/9

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

Right Out: 1.433+/-0.001 χ^2/NDF : 5428052.5/11

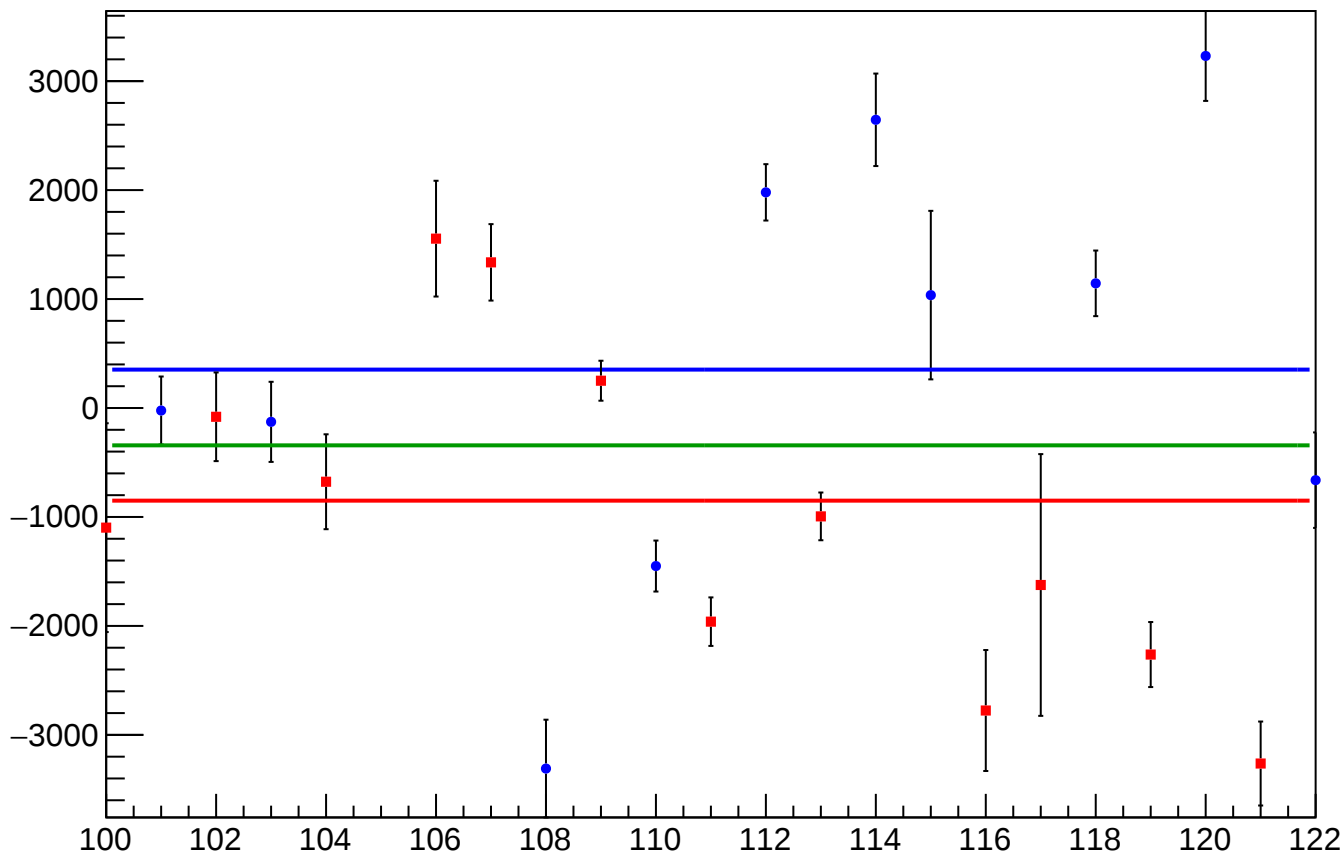
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.431+/-0.001 χ^2/NDF : 5196945.9/9

1.432+/-0.001 χ^2/NDF : 10624999.6/21

1.433+/-0.001 χ^2/NDF : 5428052.5/11

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 352.515 $\pm$ 108.340 χ^2 /NDF: 259.7/9

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

Right Out: -850.216 $\pm$ 92.563 χ^2 /NDF: 198.5/11

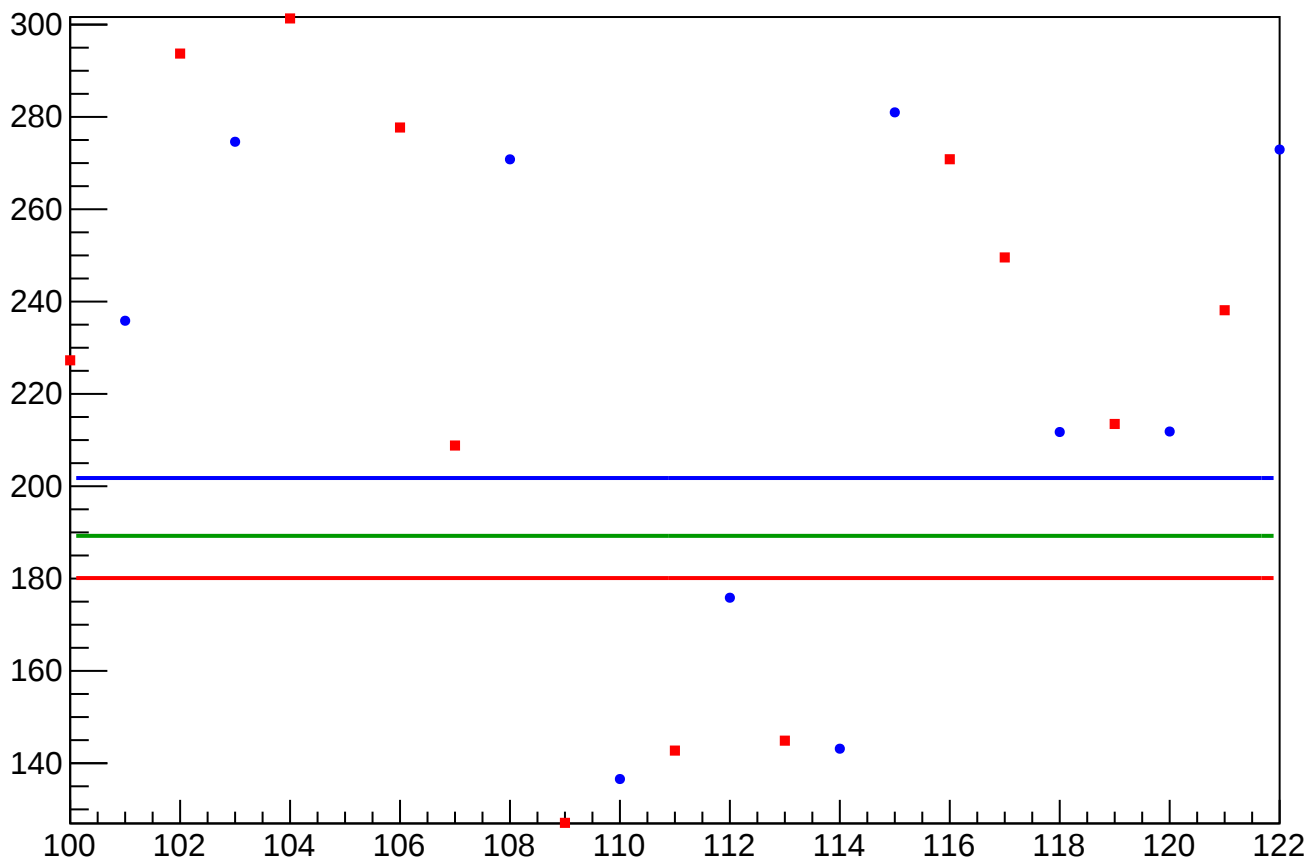
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

352.515 $\pm$ 108.340 χ^2 /NDF: 259.7/9

-342.725 $\pm$ 70.375 χ^2 /NDF: 529.4/21

-850.216 $\pm$ 92.563 χ^2 /NDF: 198.5/11

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 201.780 $\pm$ 0.077 χ^2 /NDF: 440468.6/9

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

Right Out: 180.110 $\pm$ 0.065 χ^2 /NDF: 802428.9/11

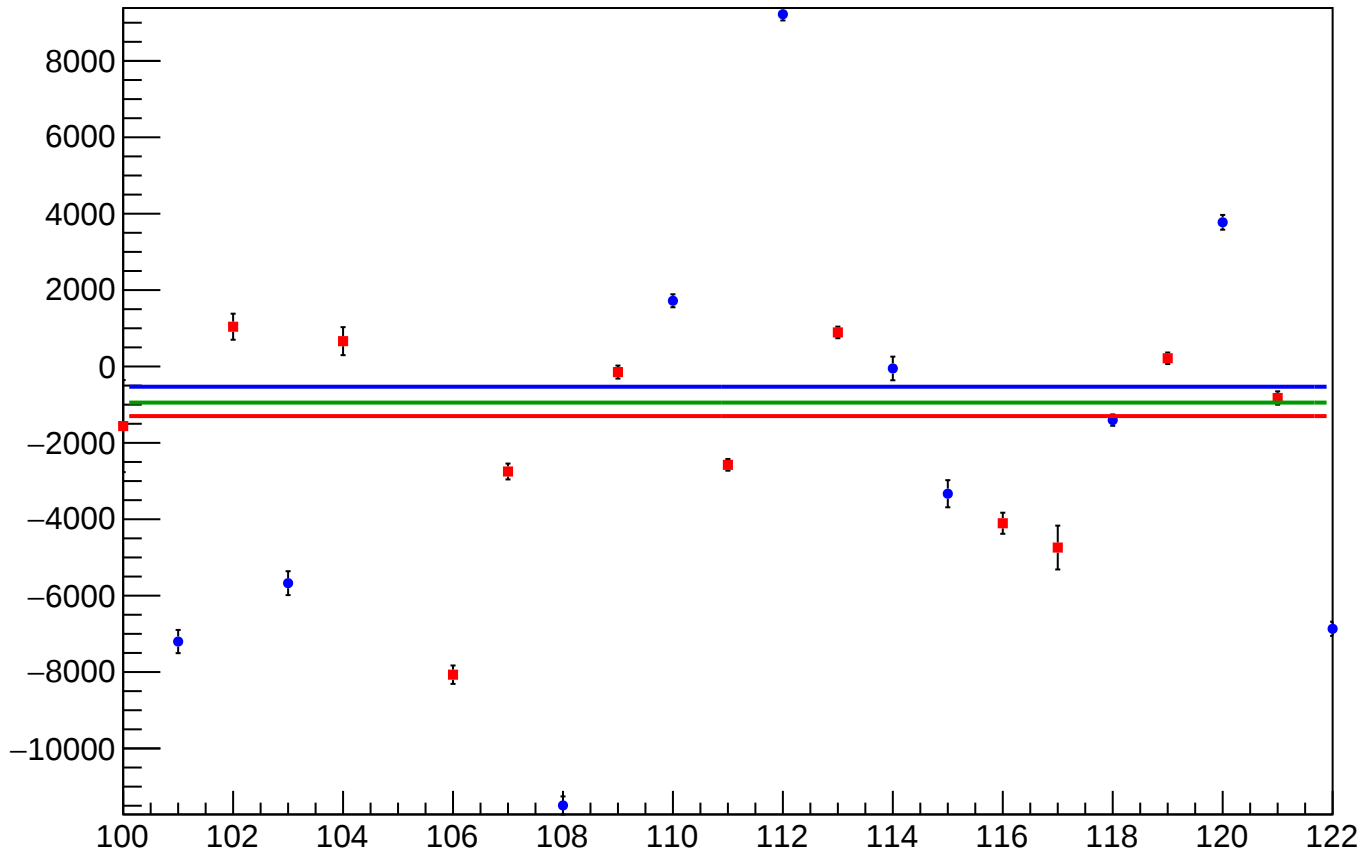
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

201.780 $\pm$ 0.077 χ^2 /NDF: 440468.6/9

189.253 $\pm$ 0.050 χ^2 /NDF: 1289149.8/21

180.110 $\pm$ 0.065 χ^2 /NDF: 802428.9/11

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -530.049+/-65.803 χ^2/NDF : 8421.4/9

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

Right Out: -1298.865+/-60.708 χ^2/NDF : 1488.1/11

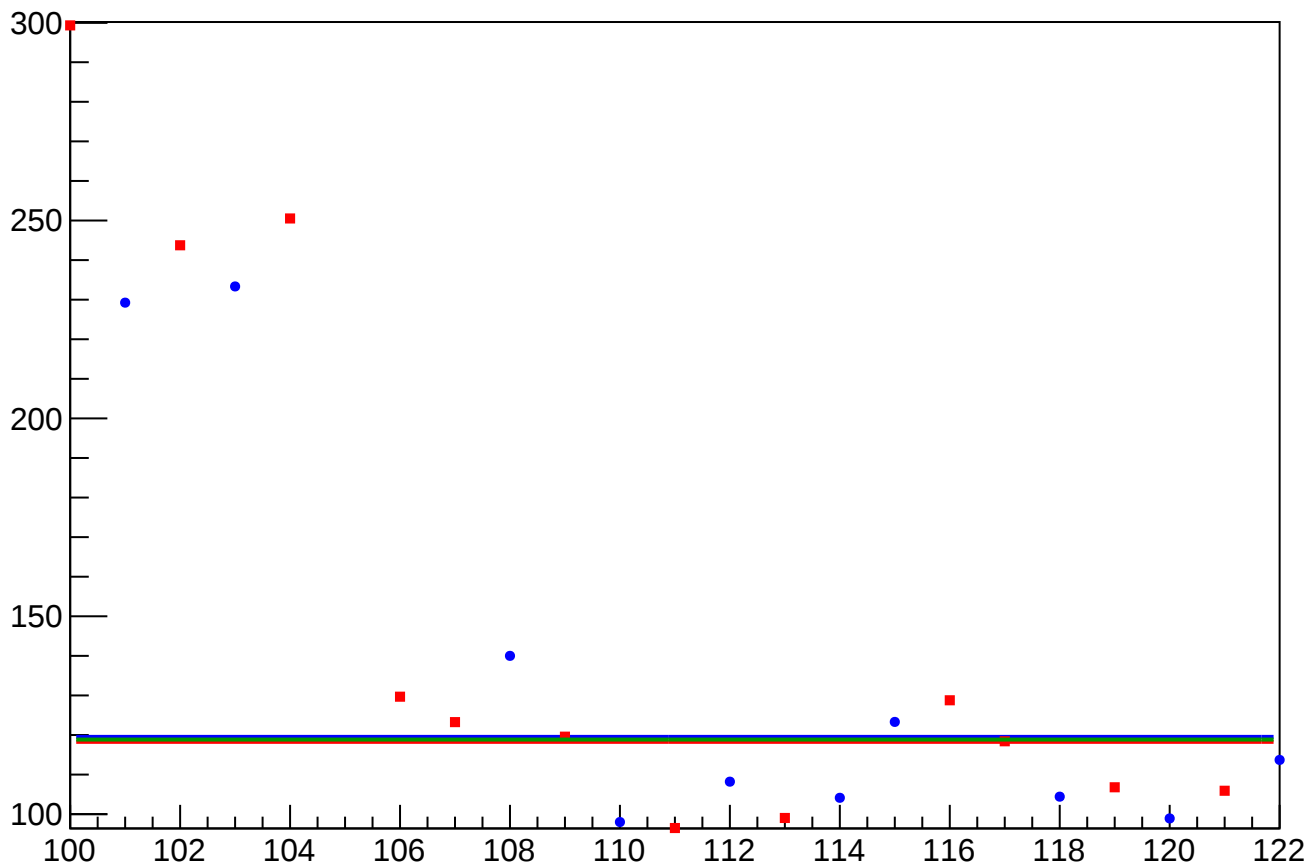
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-530.049+/-65.803 χ^2/NDF : 8421.4/9

-945.370+/-44.620 χ^2/NDF : 9983.3/21

-1298.865+/-60.708 χ^2/NDF : 1488.1/11

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 119.528 $\pm$ 0.047 χ^2 /NDF: 631855.6/9

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

Right Out: 118.276 $\pm$ 0.043 χ^2 /NDF: 679499.0/11

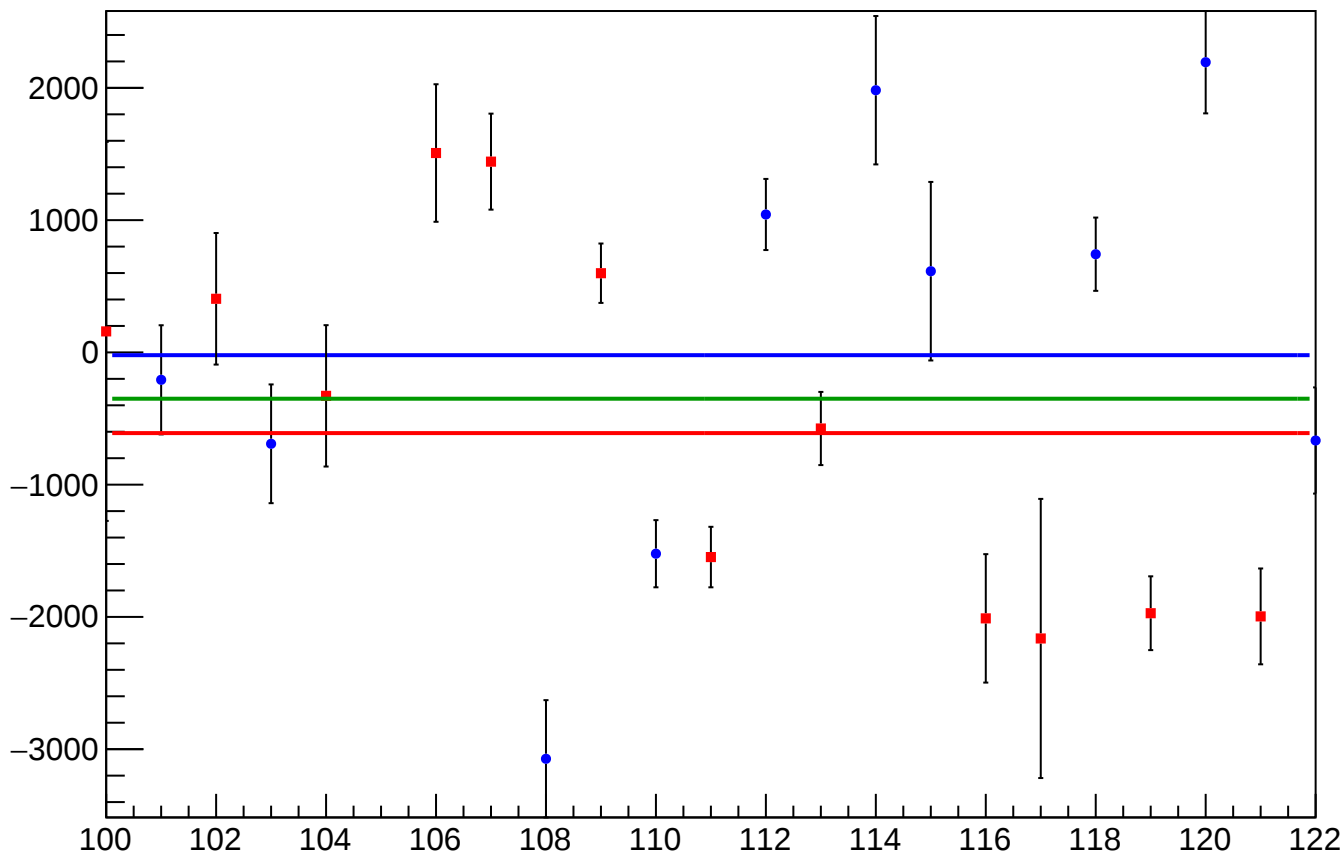
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

119.528 $\pm$ 0.047 χ^2 /NDF: 631855.6/9

118.852 $\pm$ 0.032 χ^2 /NDF: 1311746.1/21

118.276 $\pm$ 0.043 χ^2 /NDF: 679499.0/11

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -20.968 ± 114.298 χ^2/NDF : 157.0/9

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

Right Out: -610.130 ± 101.557 χ^2/NDF : 148.1/11

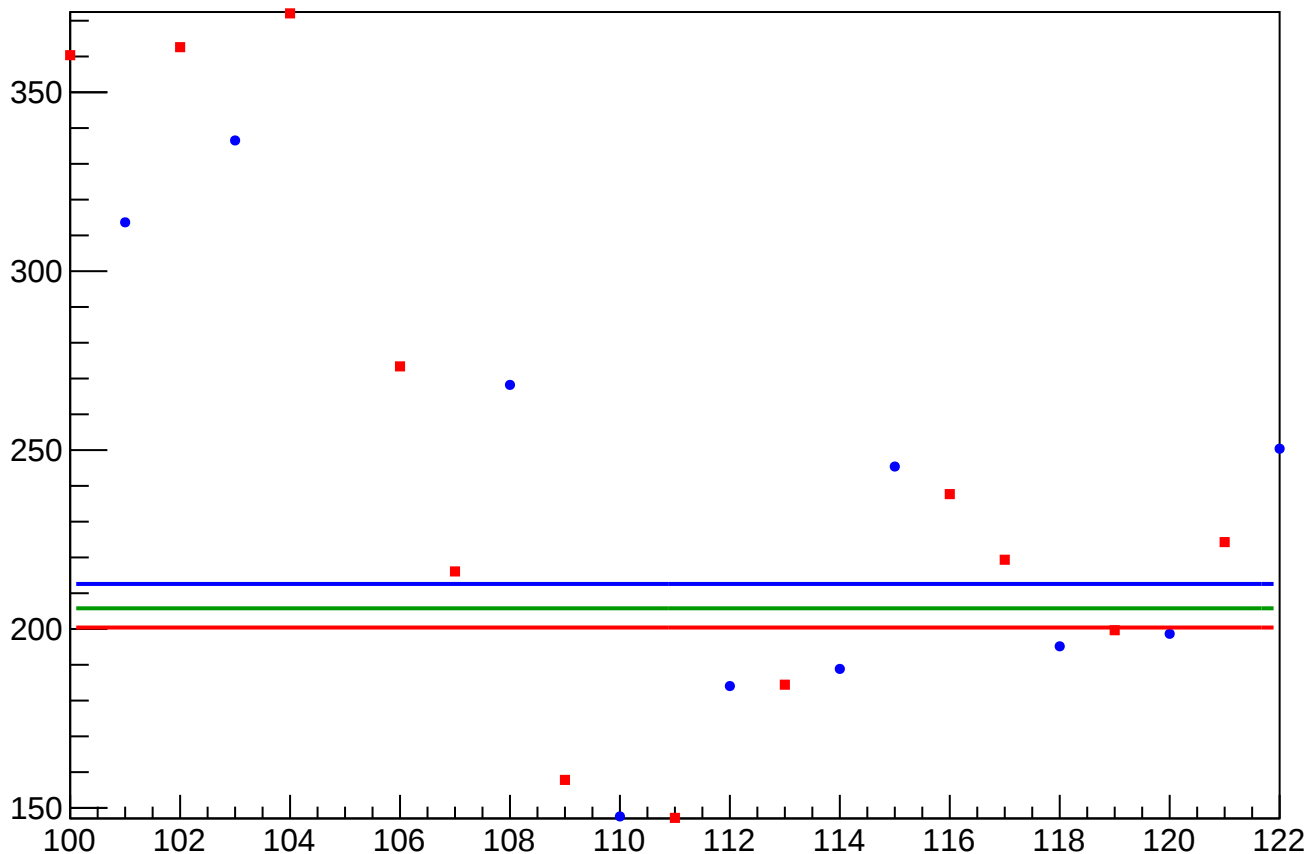
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-20.968 ± 114.298 χ^2/NDF : 157.0/9

-350.202 ± 75.918 χ^2/NDF : 319.9/21

-610.130 ± 101.557 χ^2/NDF : 148.1/11

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 212.596+/-0.081 χ^2/NDF : 493900.1/9

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

Right Out: 200.413+/-0.072 χ^2/NDF : 694943.4/11

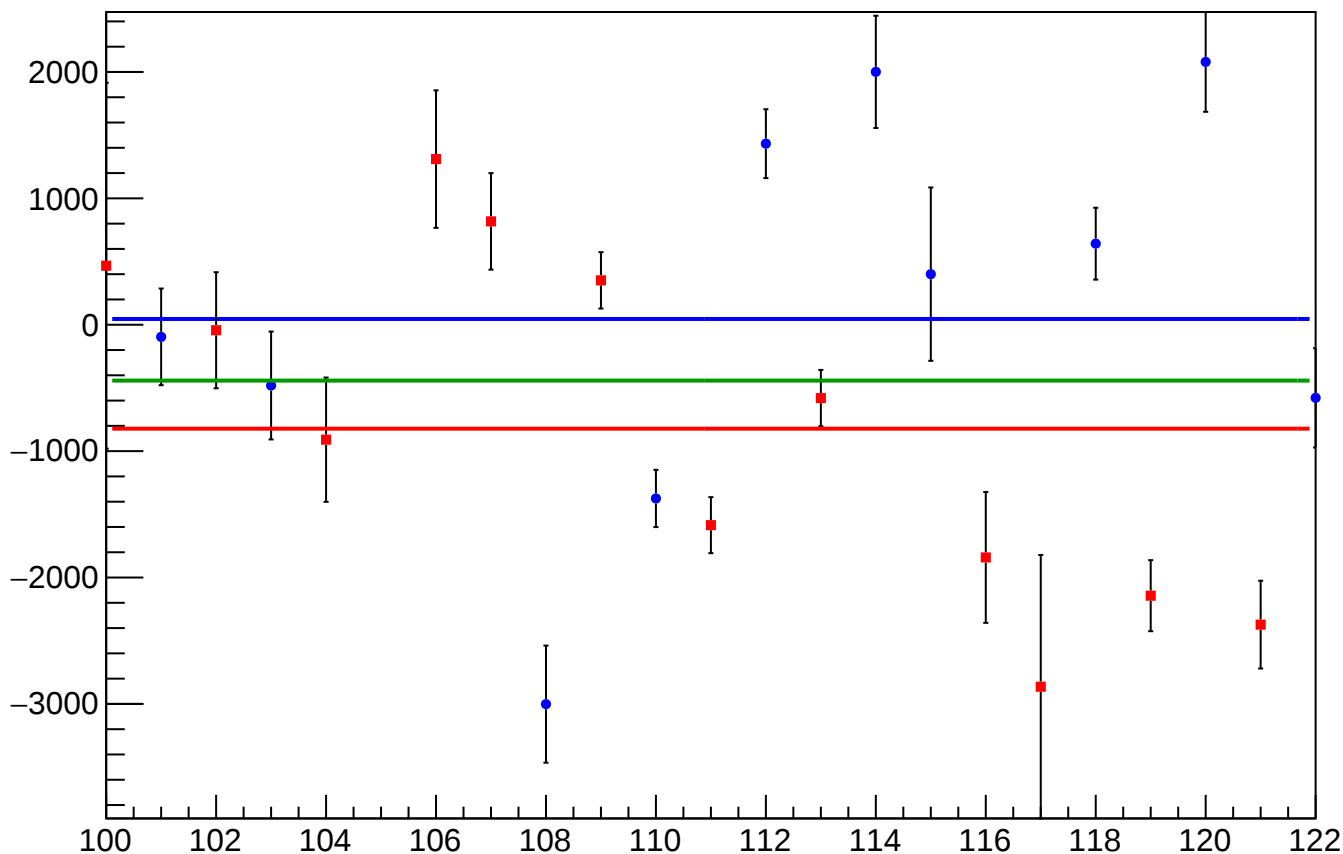
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

212.596+/-0.081 χ^2/NDF : 493900.1/9

205.788+/-0.054 χ^2/NDF : 1201540.8/21

200.413+/-0.072 χ^2/NDF : 694943.4/11

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 45.685+/-110.149 χ^2/NDF : 163.3/9

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

Right Out: -822.168+/-97.269 χ^2/NDF : 128.0/11

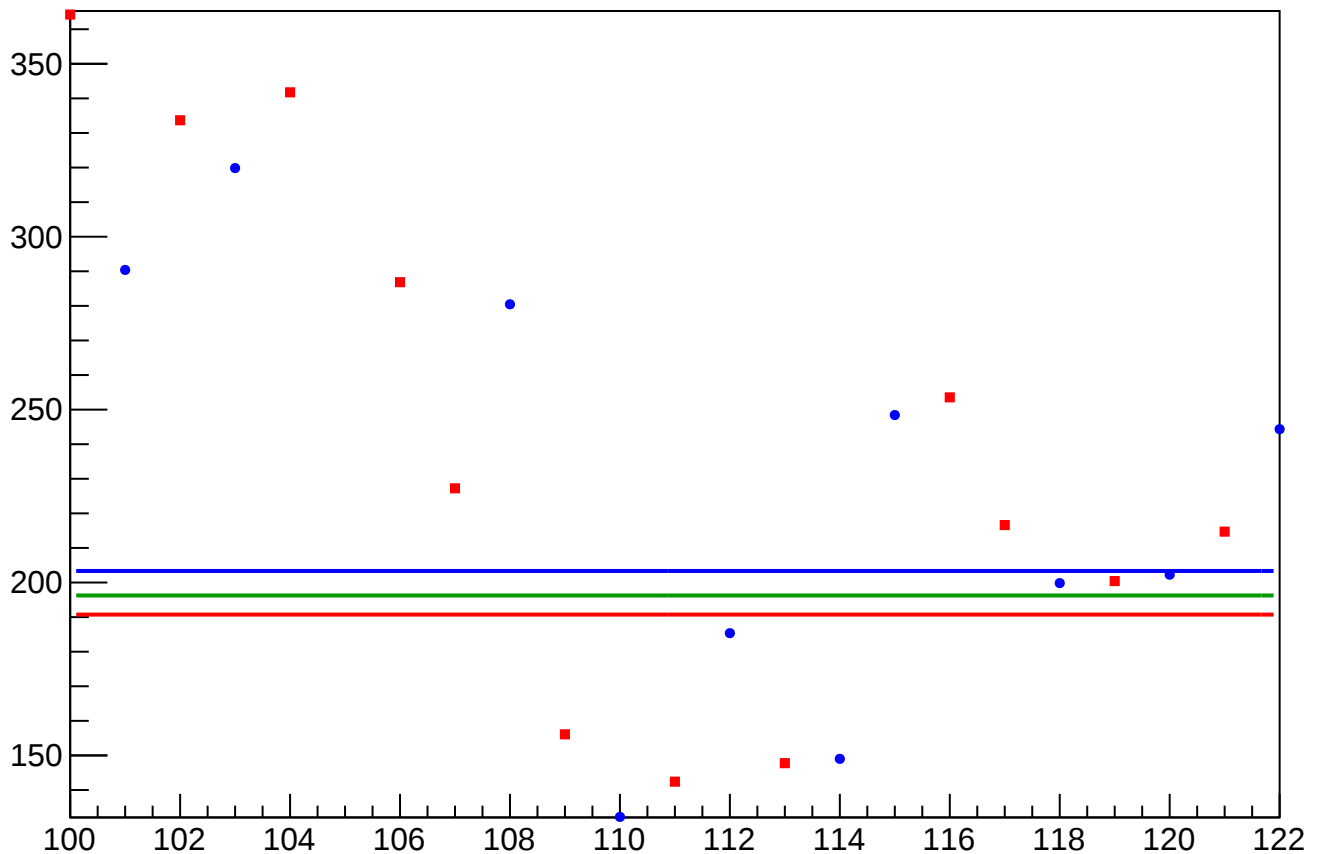
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

45.685+/-110.149 χ^2/NDF : 163.3/9

-441.927+/-72.910 χ^2/NDF : 326.1/21

-822.168+/-97.269 χ^2/NDF : 128.0/11

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 203.345+/-0.078 χ^2/NDF : 574600.8/9

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

Right Out: 190.729+/-0.069 χ^2/NDF : 751815.0/11

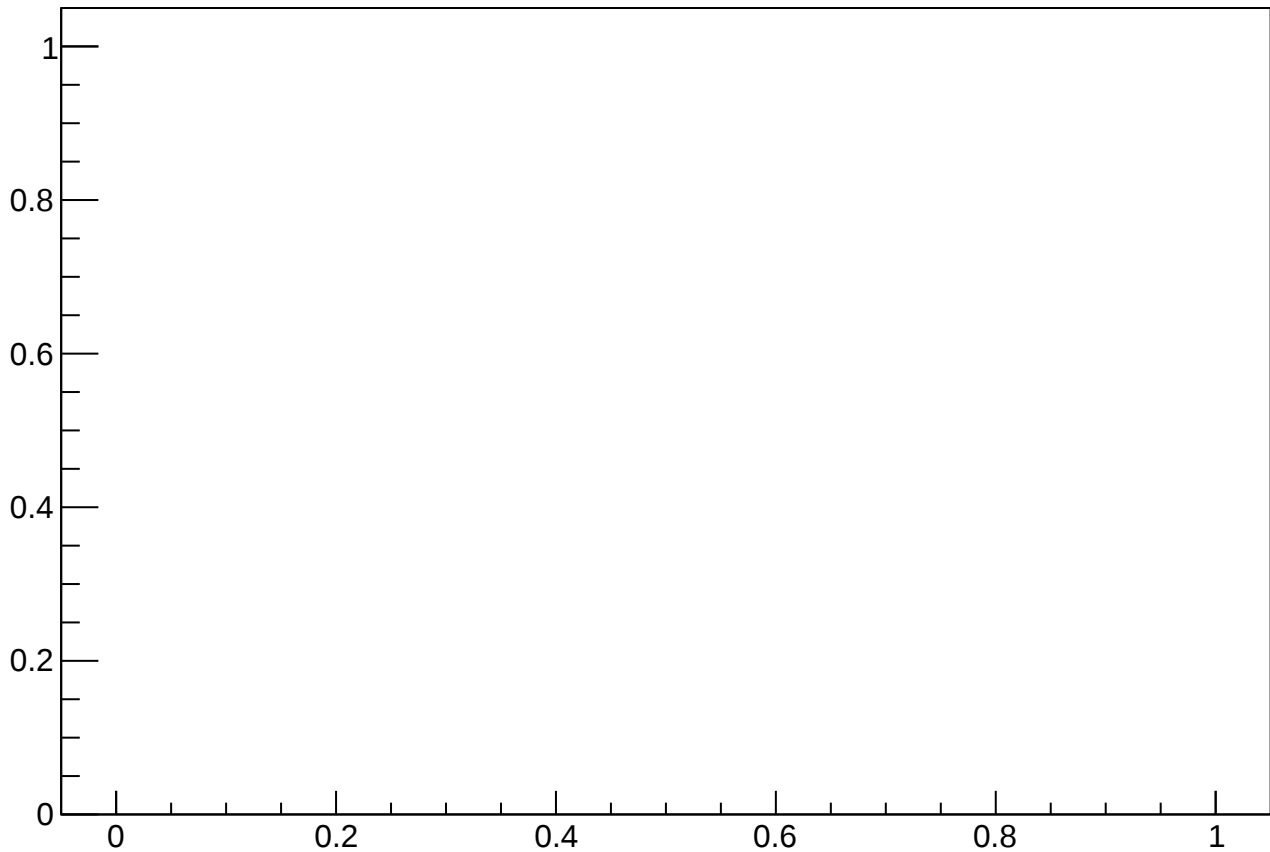
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

203.345+/-0.078 χ^2/NDF : 574600.8/9

196.257+/-0.052 χ^2/NDF : 1341157.3/21

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

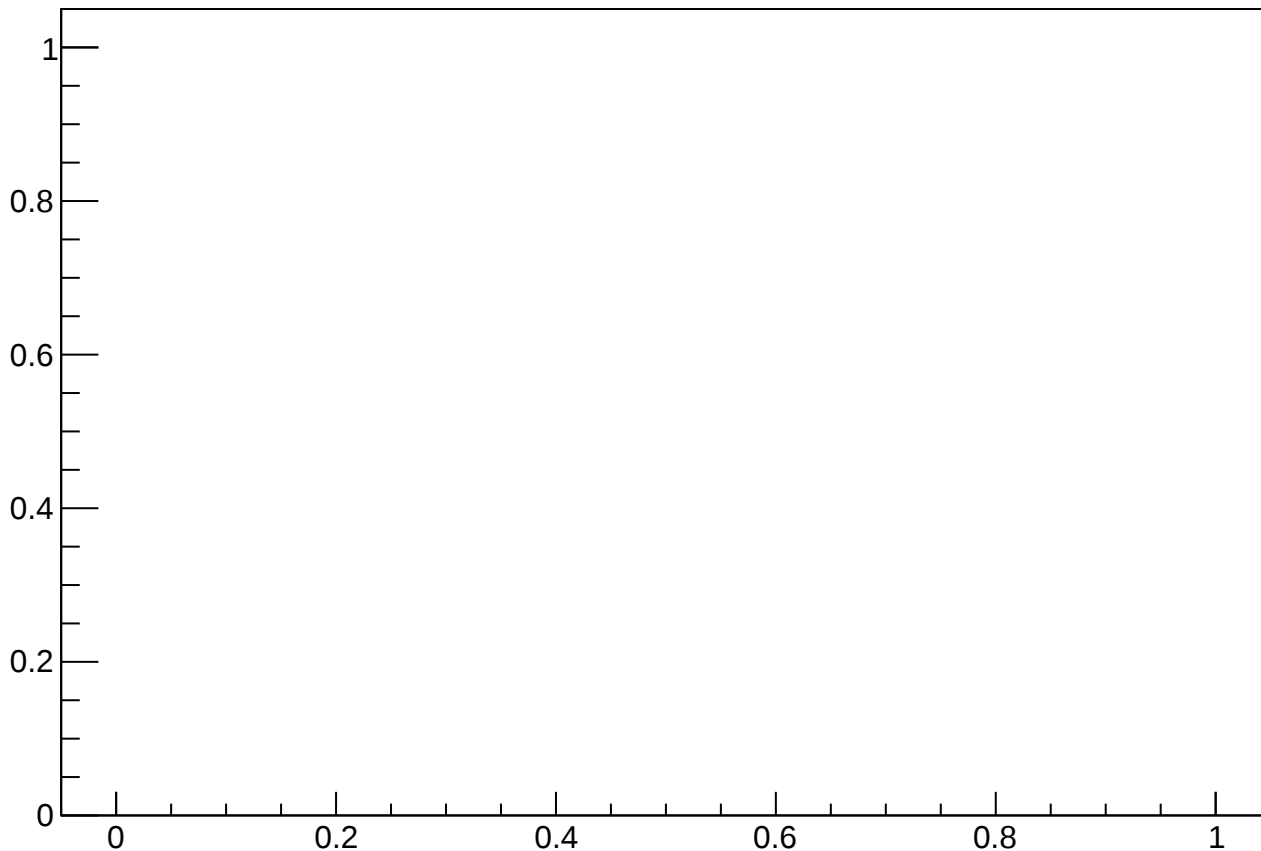
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

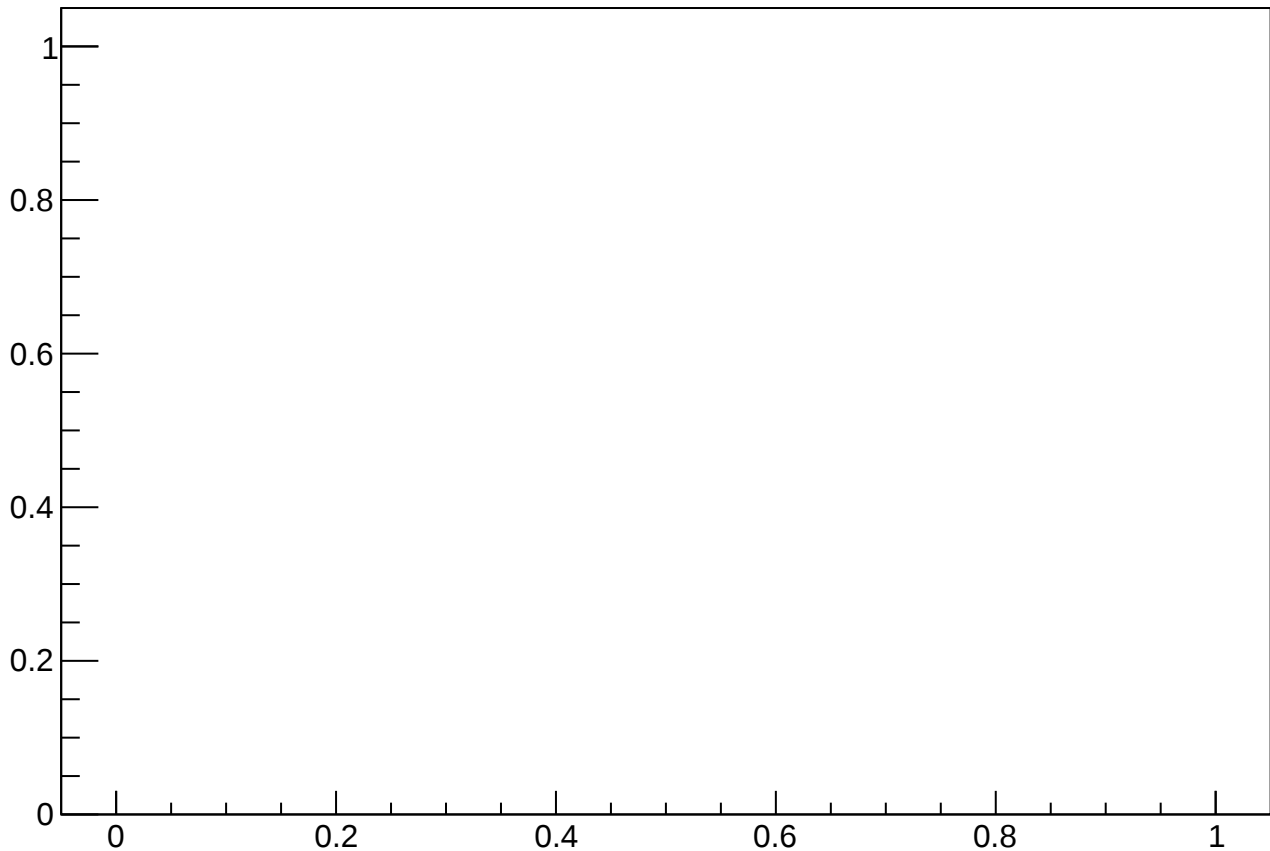
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

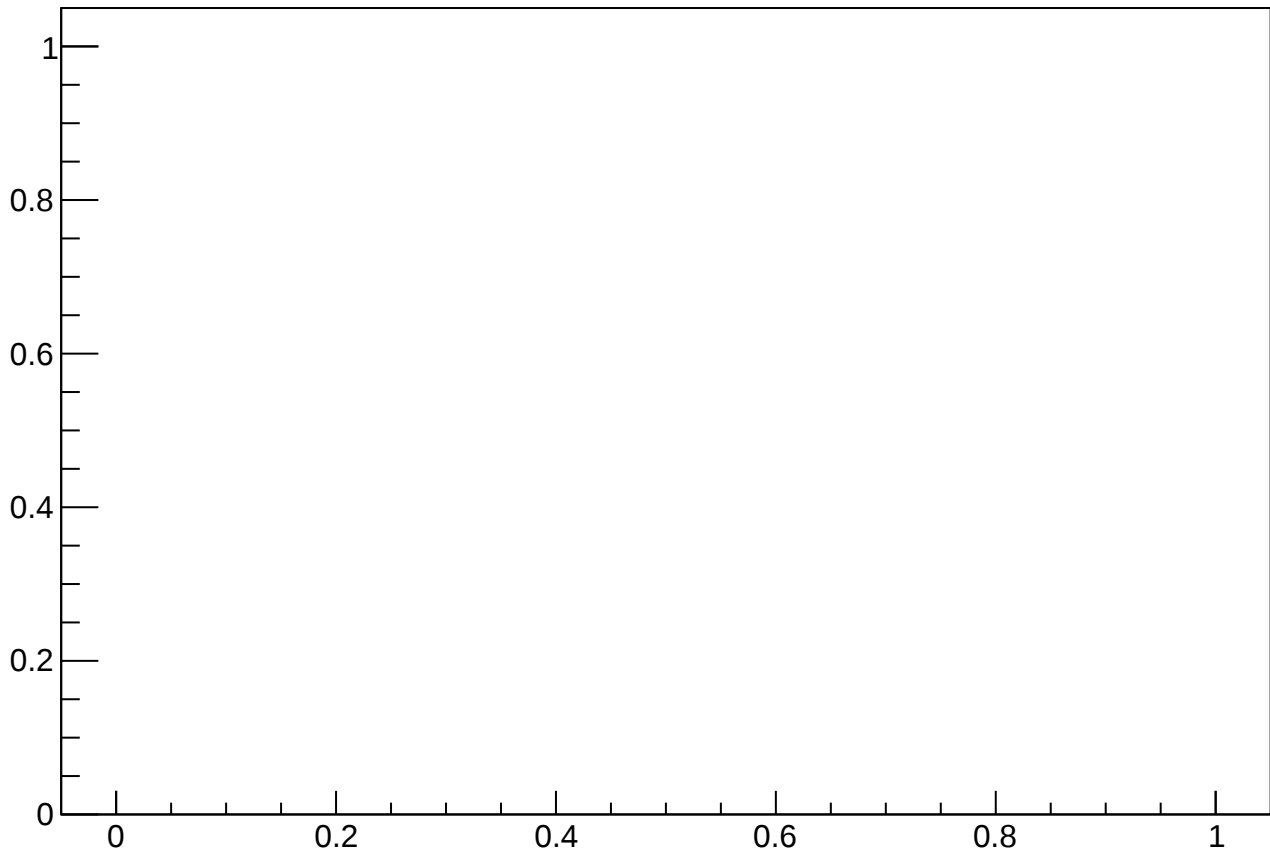
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

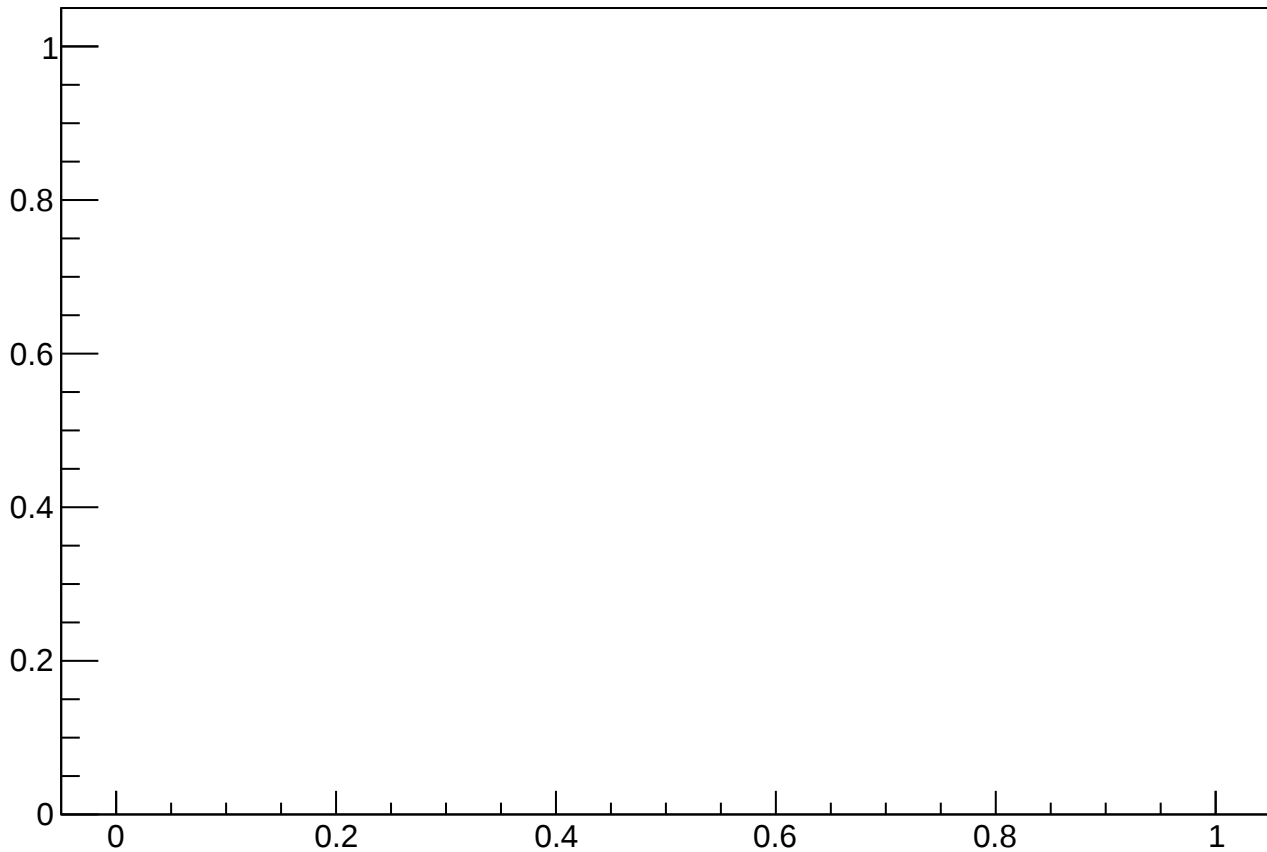
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

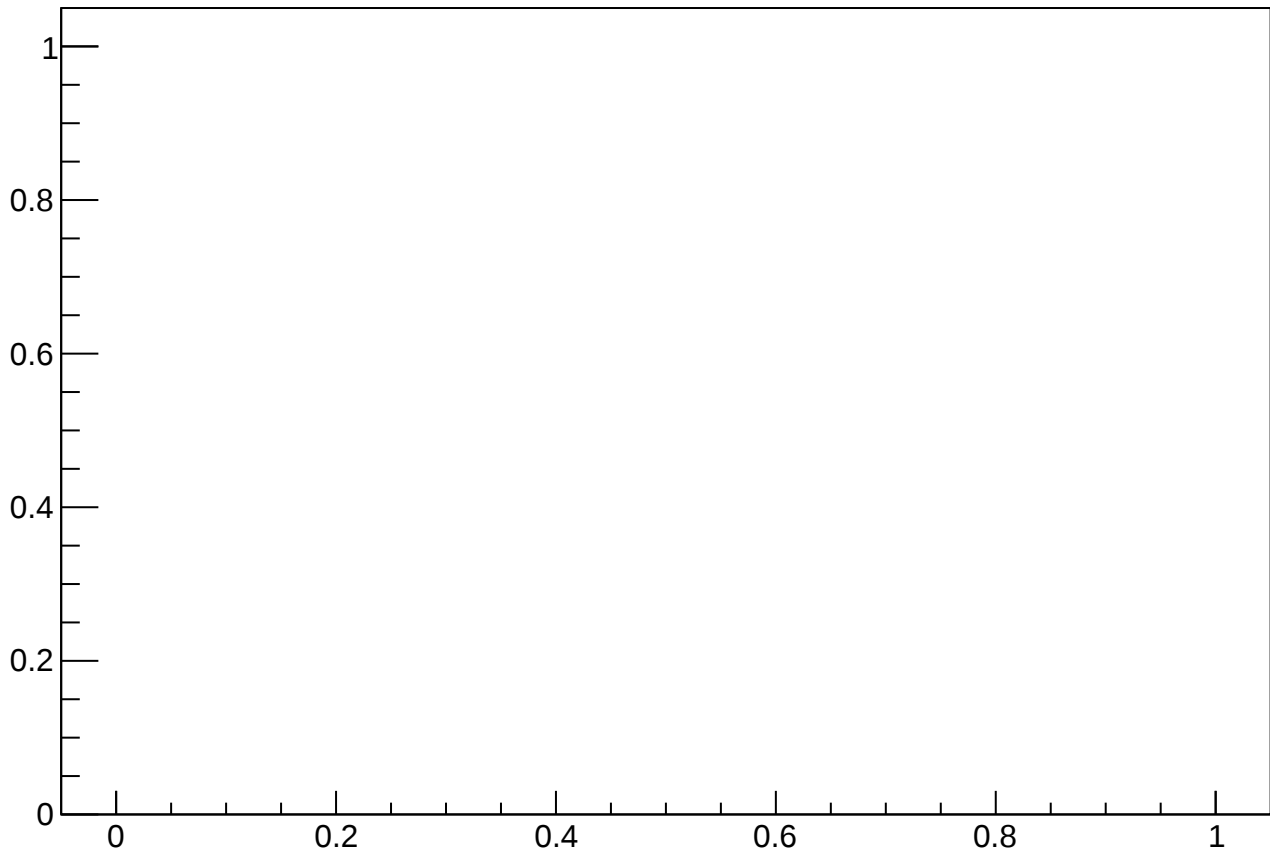
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

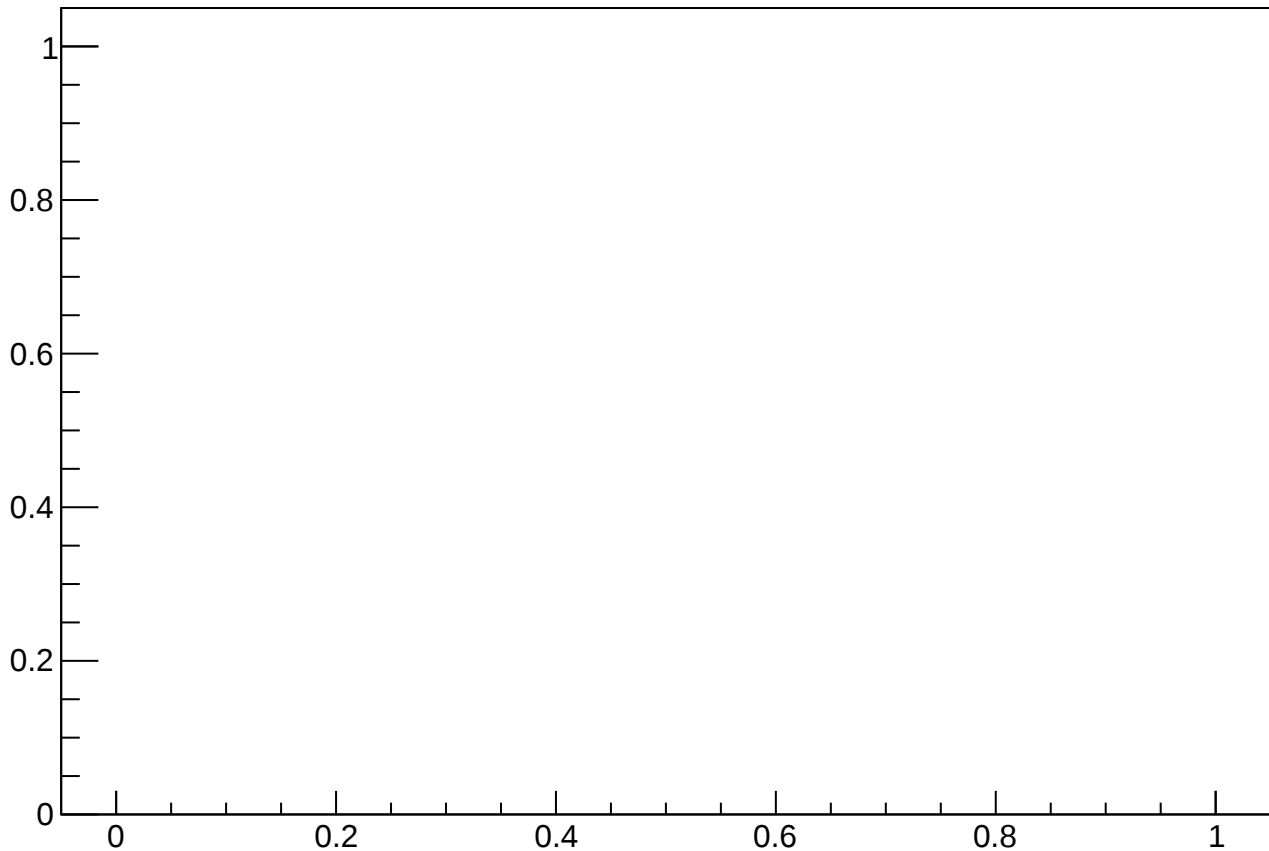
bcm_dg_ds_ds_dd_mean vs Slug, Sign Corrected



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

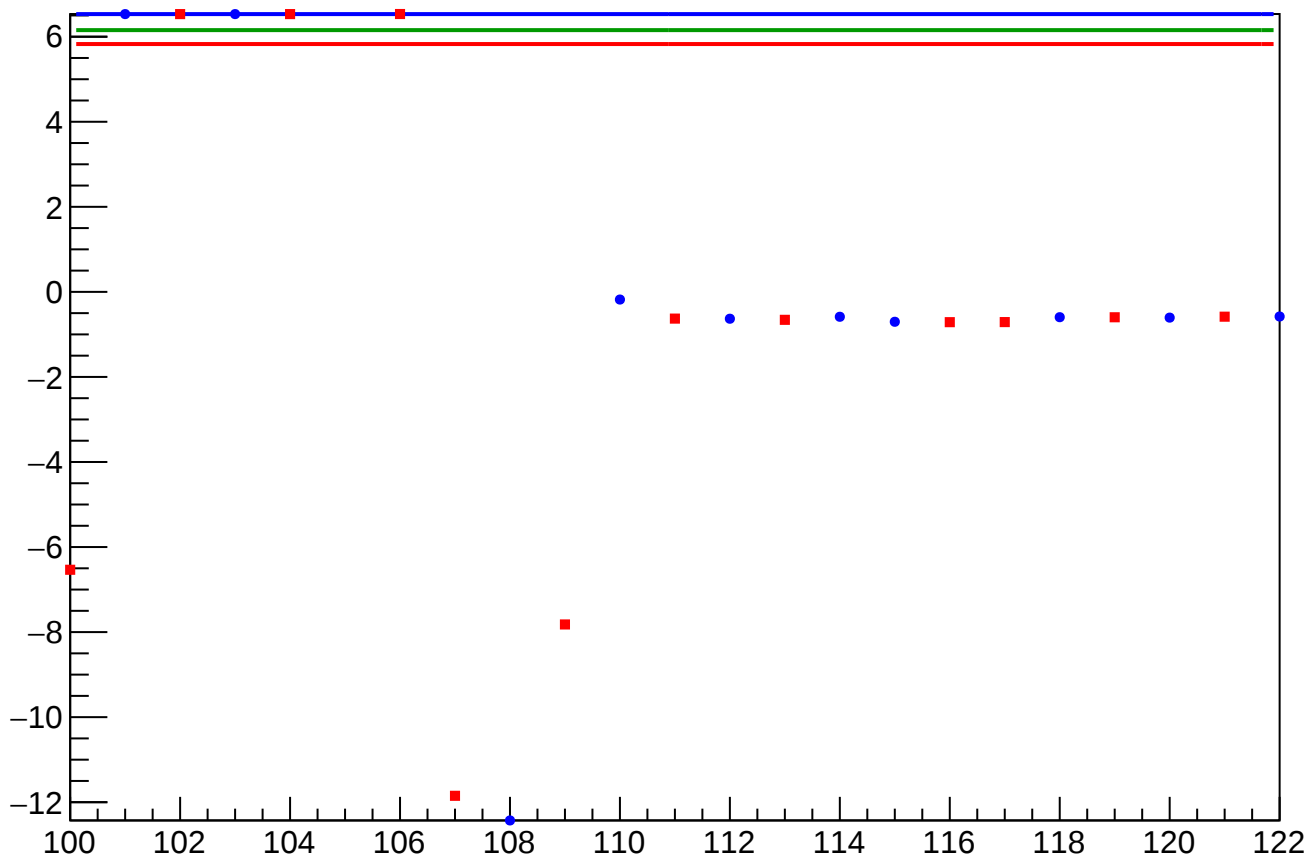
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 : 54348471951.7/9

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

Right Out: 5.828 ± 0.000 χ^2/NDF : 755911905248146.8/11

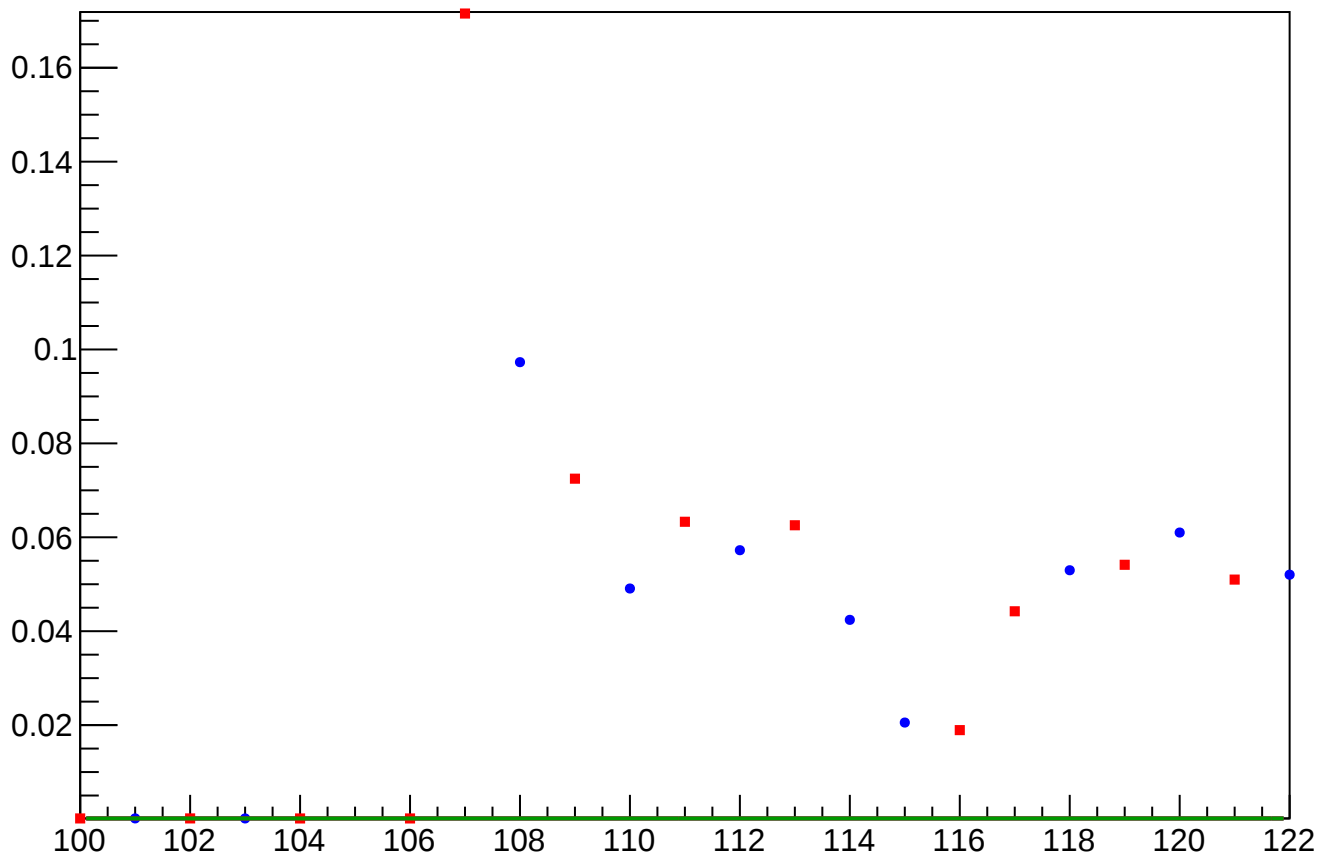
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

6.532 ± 0.000 χ^2/NDF : 54348471951.7/9

6.155 ± 0.000 χ^2/NDF : 77597250832856

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 : 4384736.2/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4794907.2/11

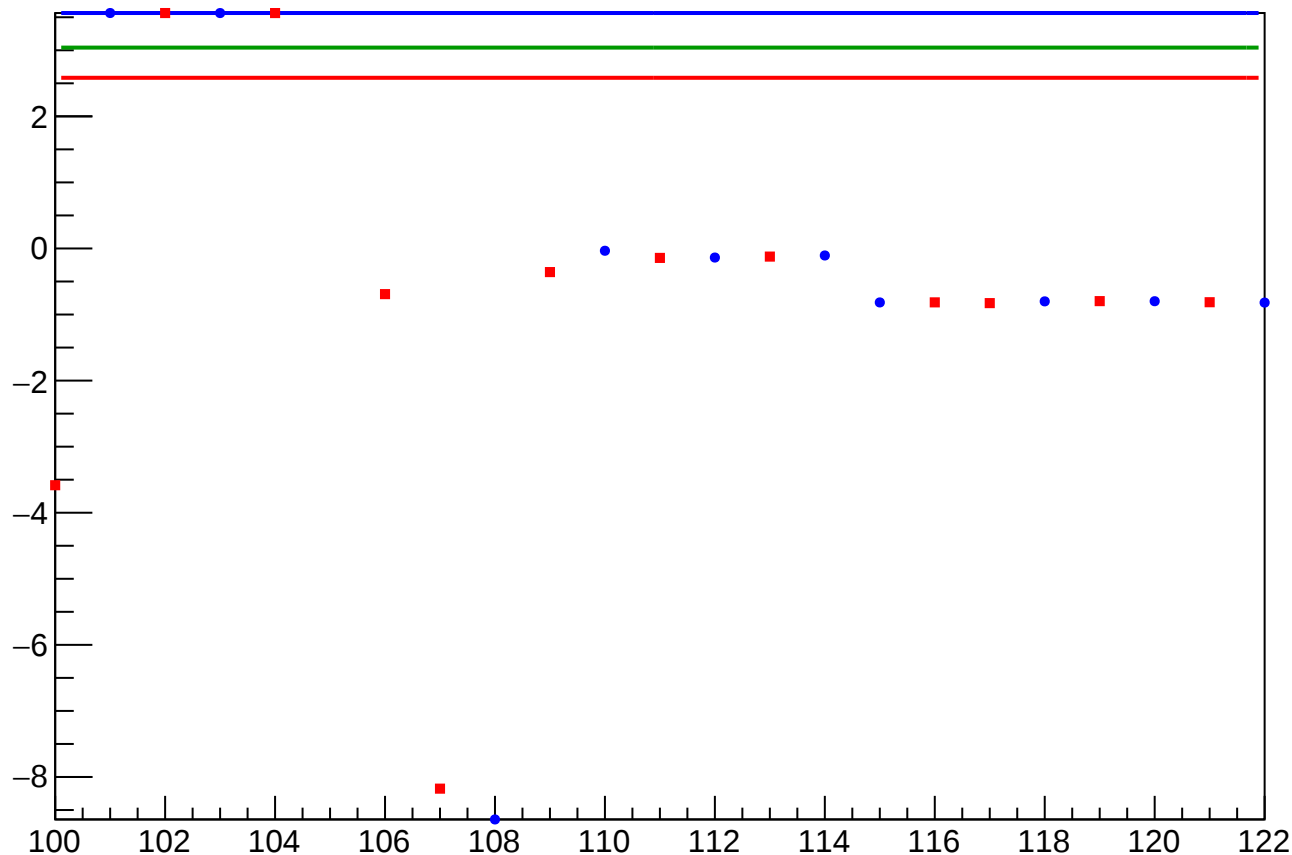
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 4384736.2/9

0.000+/-0.000 χ^2/NDF : 9179849.3/21

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 : 96386026890.8/9

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

Right Out: 2.584 +/- 0.000 χ^2/NDF : 1253294027249690.2/11

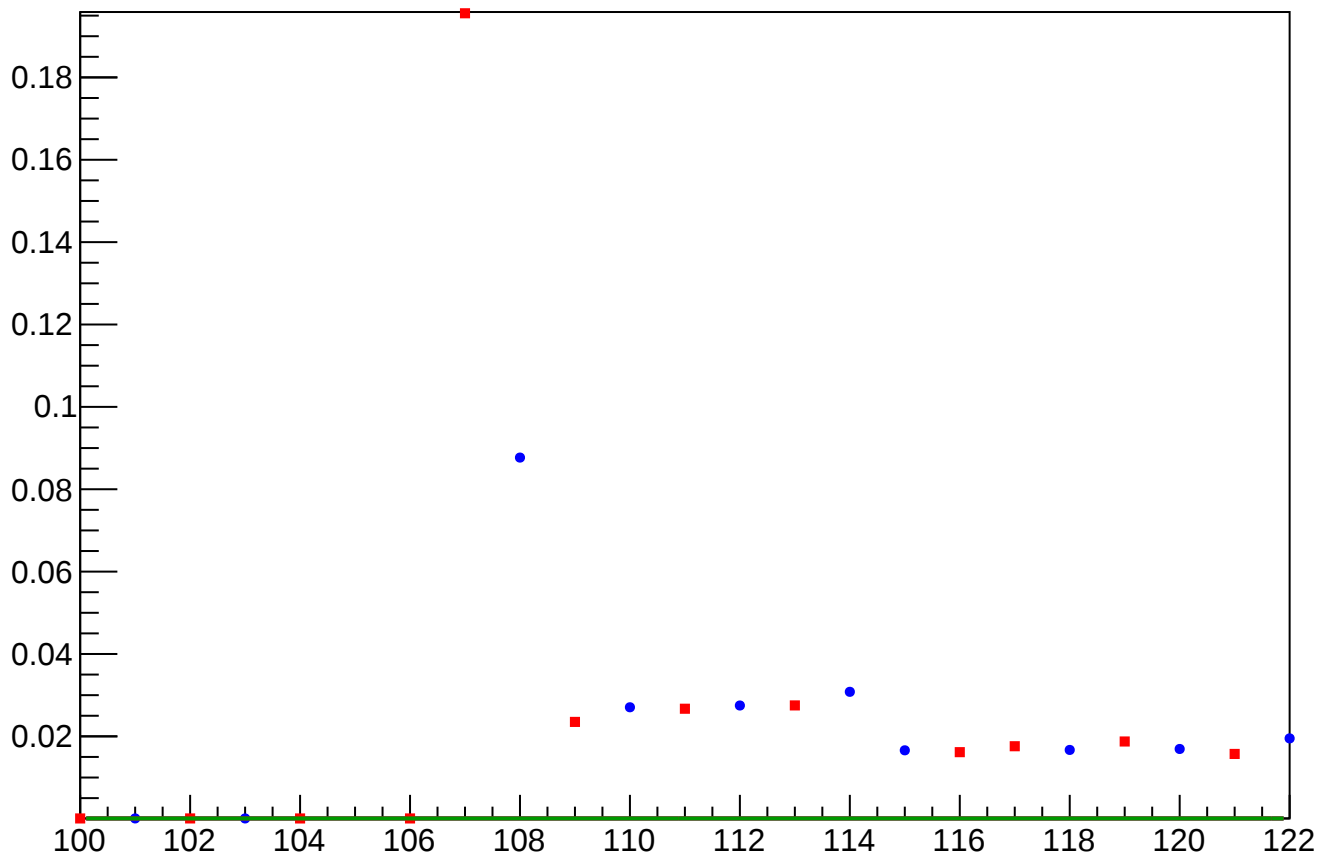
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

3.564 +/- 0.000 χ^2/NDF : 96386026890.8/9

3.041 +/- 0.000 χ^2/NDF : 13816882357323

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 : 4696515.4/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4887909.9/11

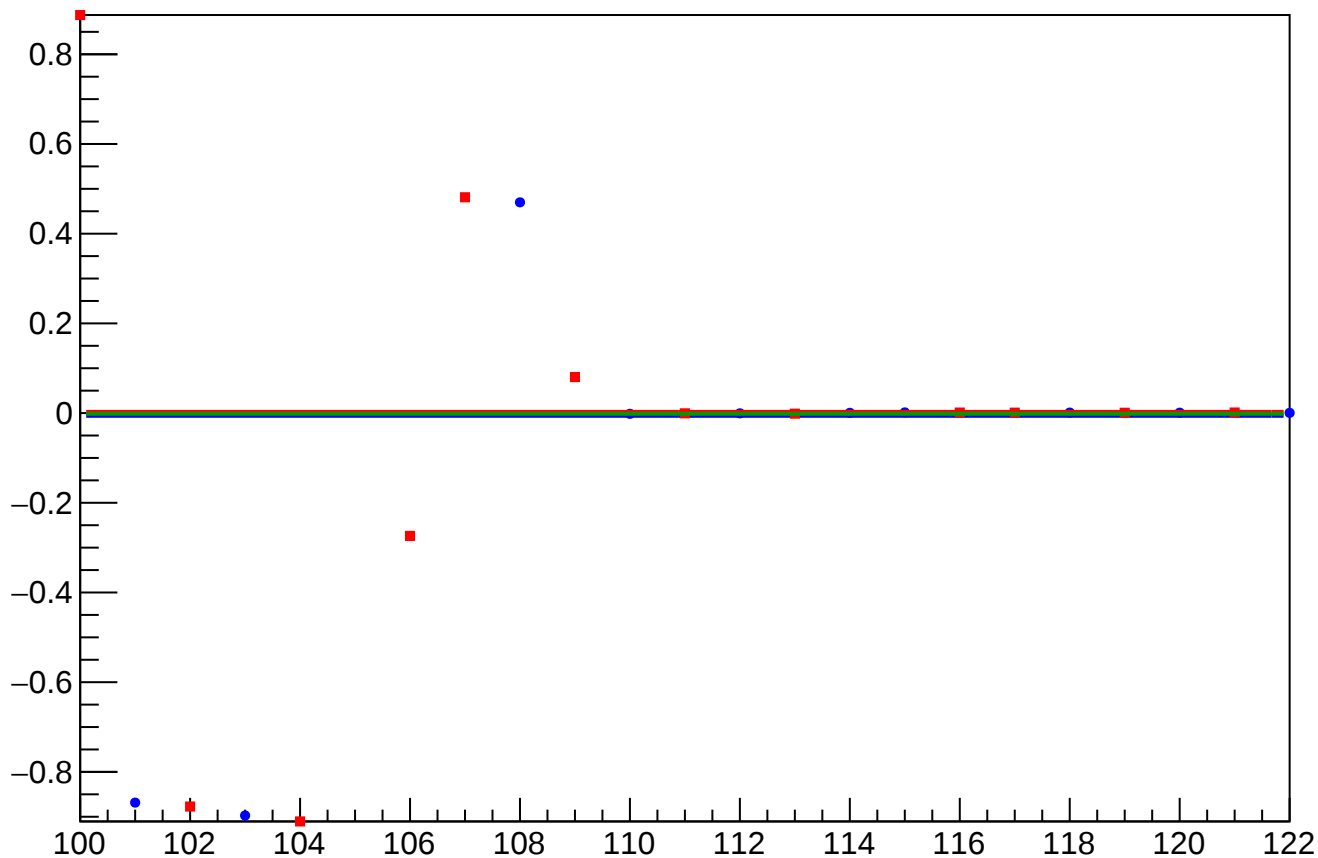
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 4696515.4/9

0.000+/-0.000 χ^2/NDF : 9584614.6/21

0.000+/-0.000 χ^2/NDF : 4887909.9/11

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.006+/-0.000 χ^2/NDF : 9777934164.0/9

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

Right Out: 0.003+/-0.000 χ^2/NDF : 3038211528.0/11

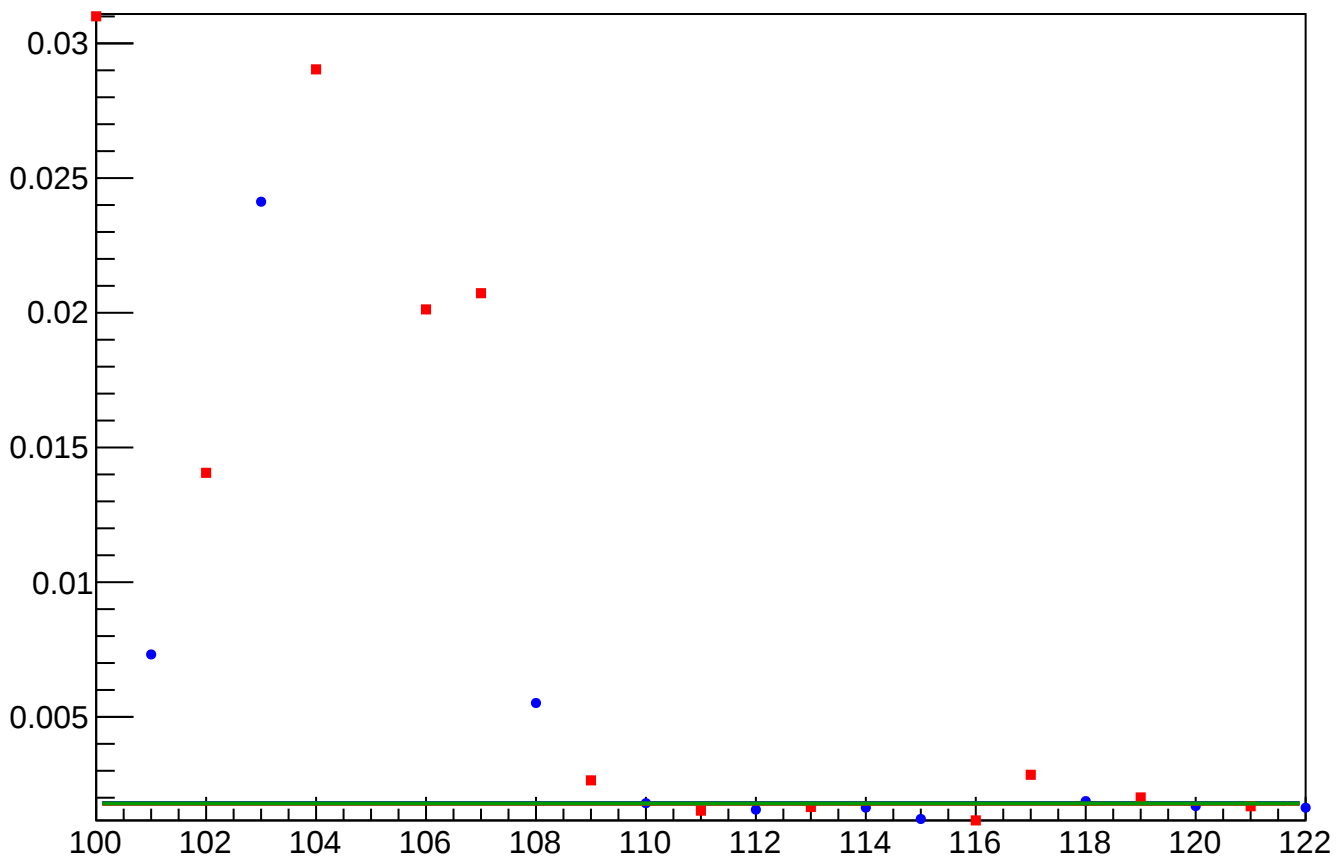
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.006+/-0.000 χ^2/NDF : 9777934164.0/9

-0.002+/-0.000 χ^2/NDF : 12843498230.2/11

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 : 1705322.7/9

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

Right Out: 0.002+/-0.000 χ^2/NDF : 2851864.8/11

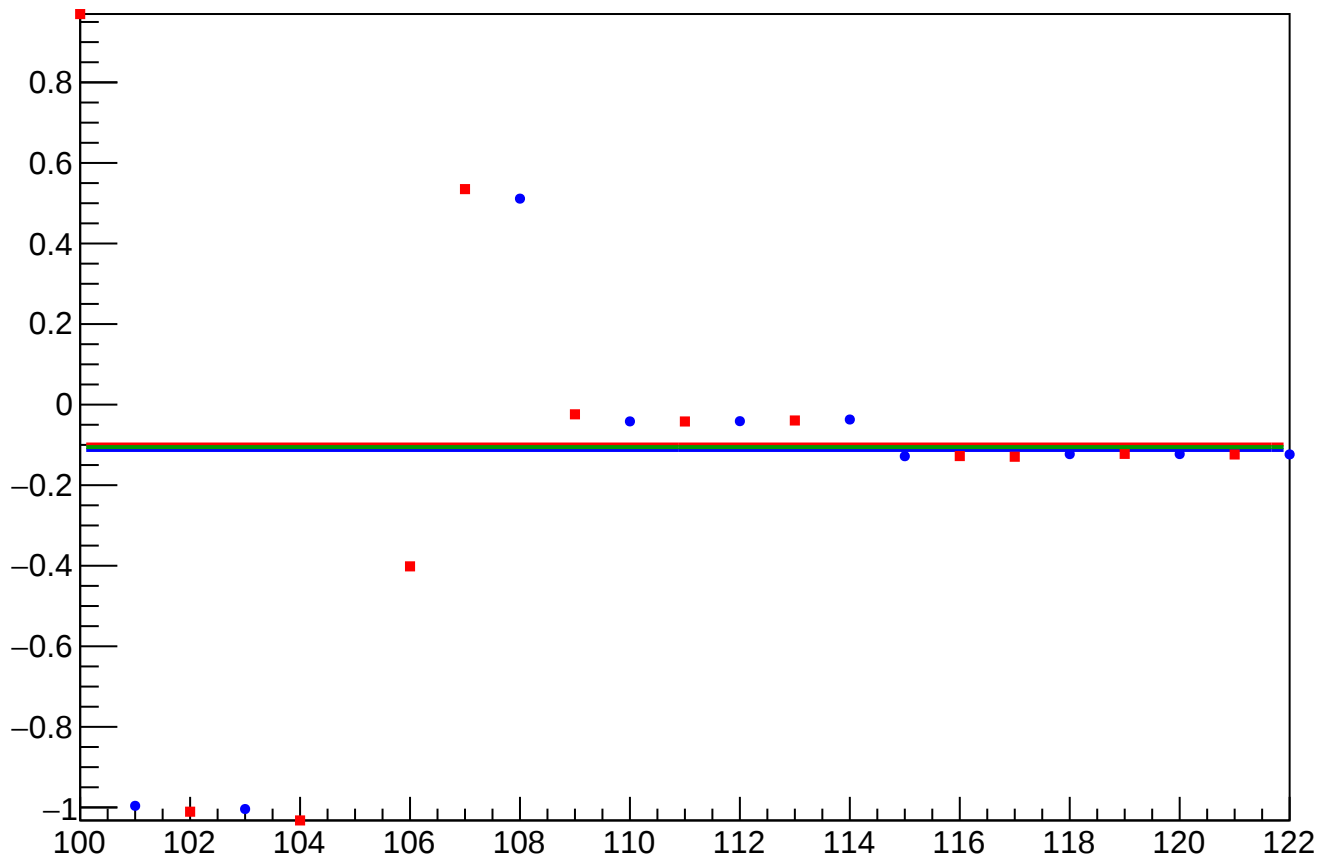
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 1705322.7/9

0.002+/-0.000 χ^2/NDF : 4557769.8/21

0.002+/-0.000 χ^2/NDF : 2851864.8/11

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.113+/-0.000 χ^2/NDF : 3880214486.6/9

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

Right Out: -0.099+/-0.000 χ^2/NDF : 2201954469.2/11

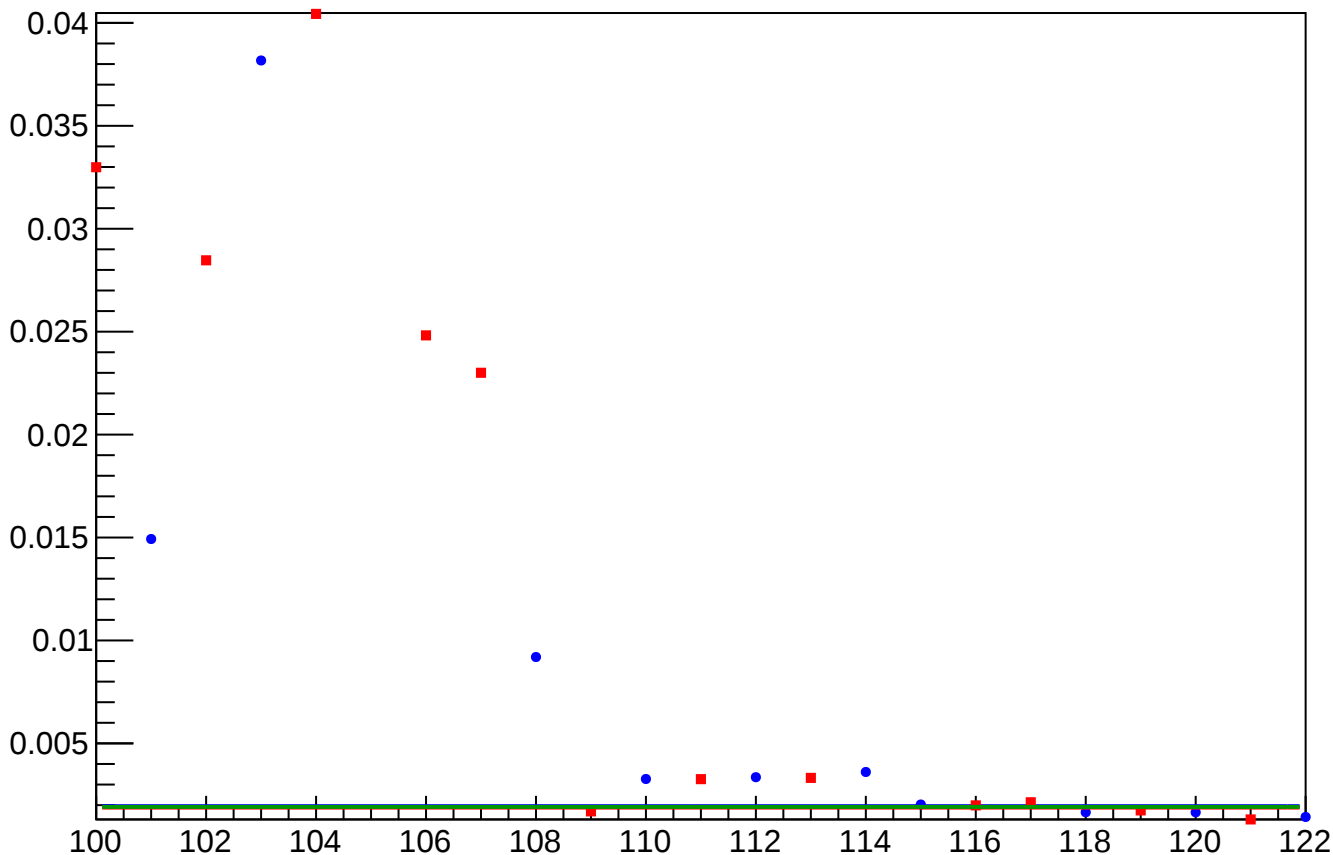
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.113+/-0.000 χ^2/NDF : 3880214486.6/9

-0.105+/-0.000 χ^2/NDF : 6137115290.6/21

-0.099+/-0.000 χ^2/NDF : 2201954469.2/11

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 2579723.4/9

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

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 3245618.8/11

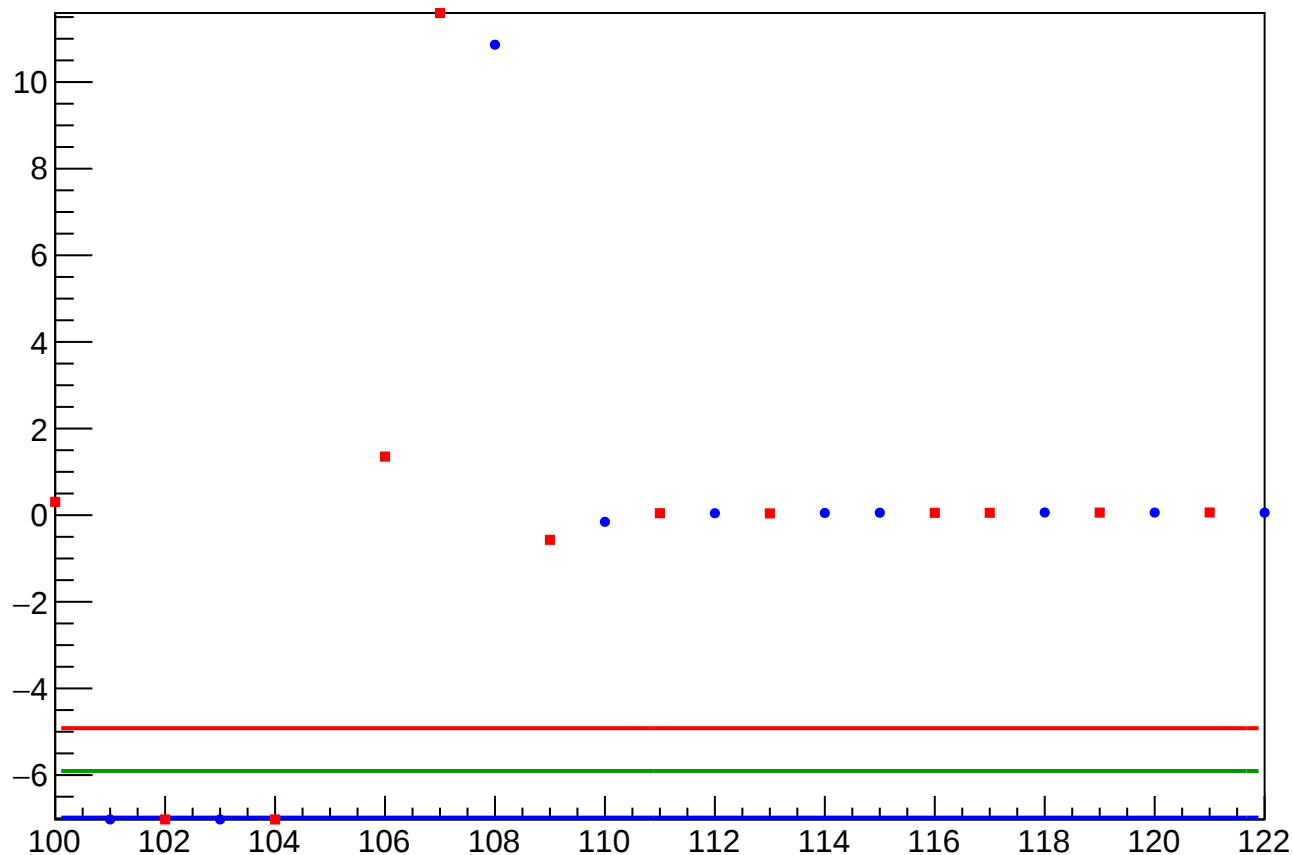
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.002 $\pm$ 0.000 χ^2 /NDF: 2579723.4/9

0.002 $\pm$ 0.000 χ^2 /NDF: 5828036.8/21

0.002 $\pm$ 0.000 χ^2 /NDF: 3245618.8/11

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -6.983+/-0.000 χ^2/NDF : 7283538243588.9/9

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

Right Out: -4.918+/-0.000 χ^2/NDF : 364733836818109.9/11

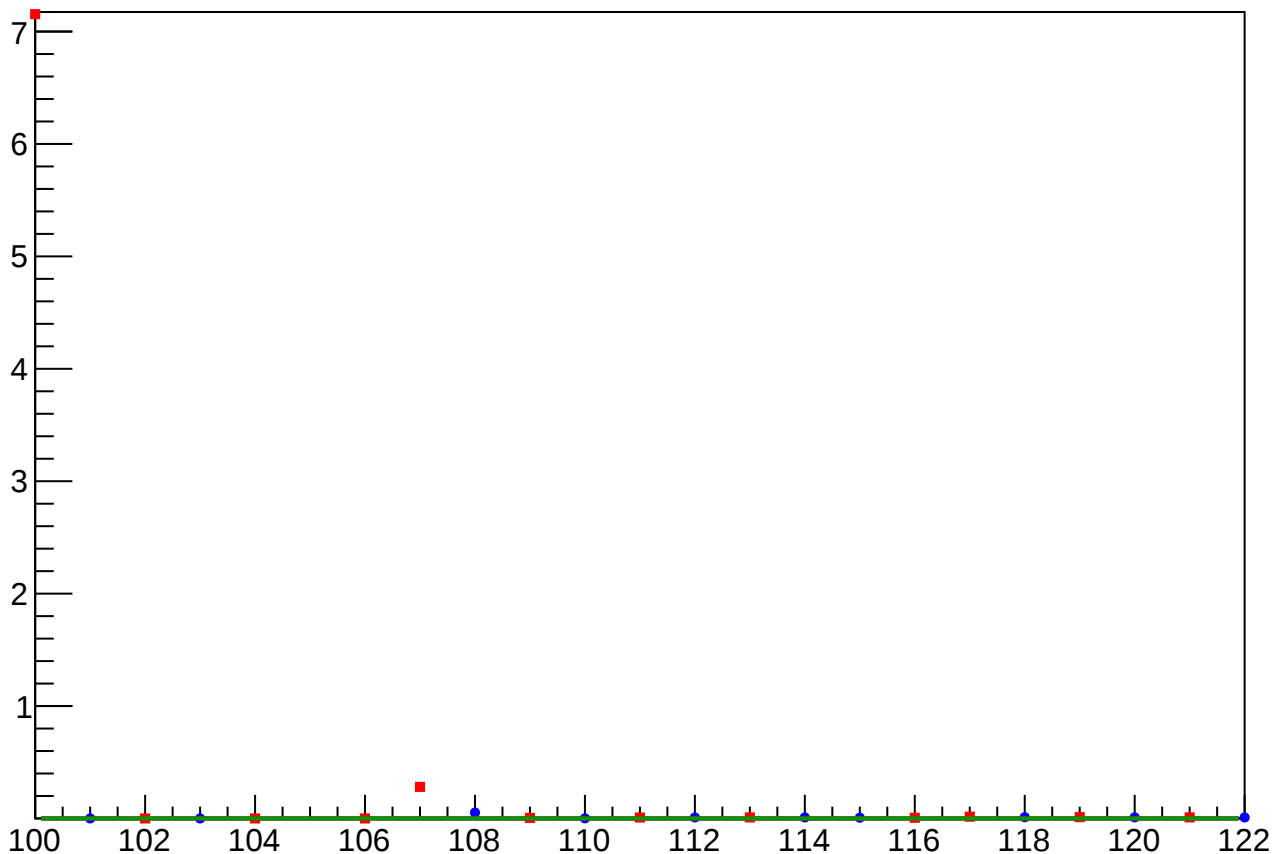
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.983+/-0.000 χ^2/NDF : 7283538243588.9/9

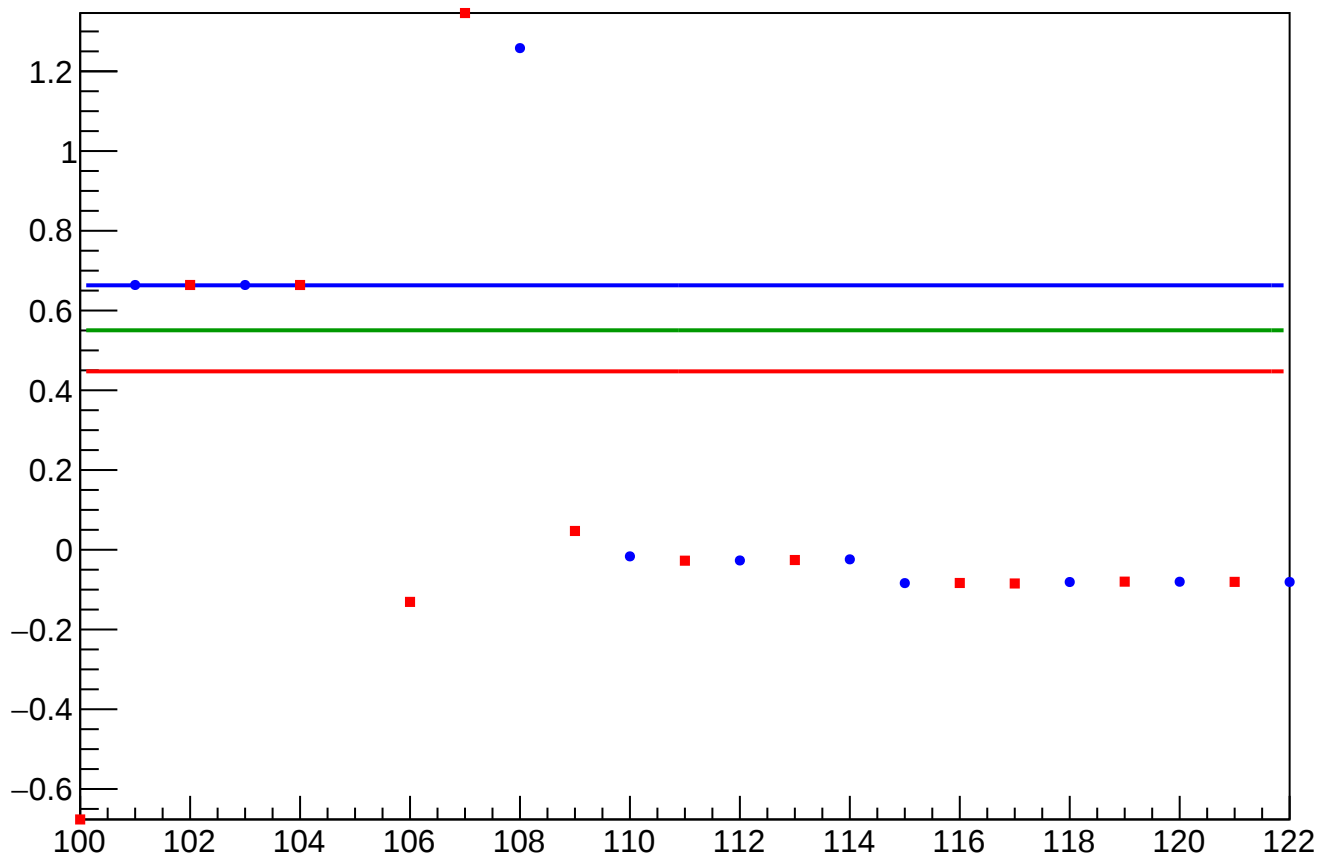
-5.906+/-0.000 χ^2/NDF : 4283595836454.9/11

-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: 0.663+/-0.000 χ^2/NDF : 1615214358515.0/9

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

Right Out: 0.447+/-0.000 χ^2/NDF : 403612034203744.3/11

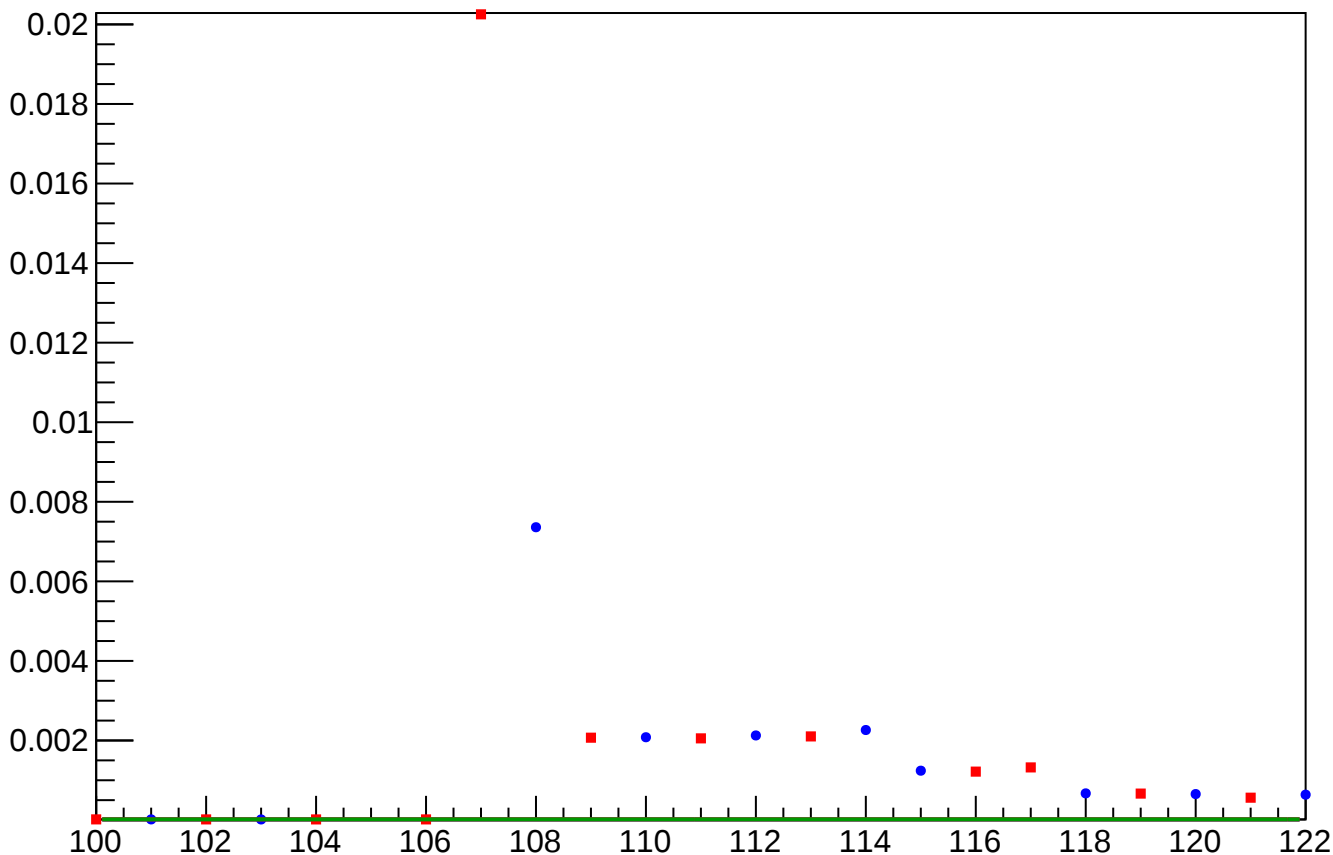
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.663+/-0.000 χ^2/NDF : 1615214358515.0/9

0.550+/-0.000 χ^2/NDF : 46849659436885

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 : 4776624.4/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4567266.2/11

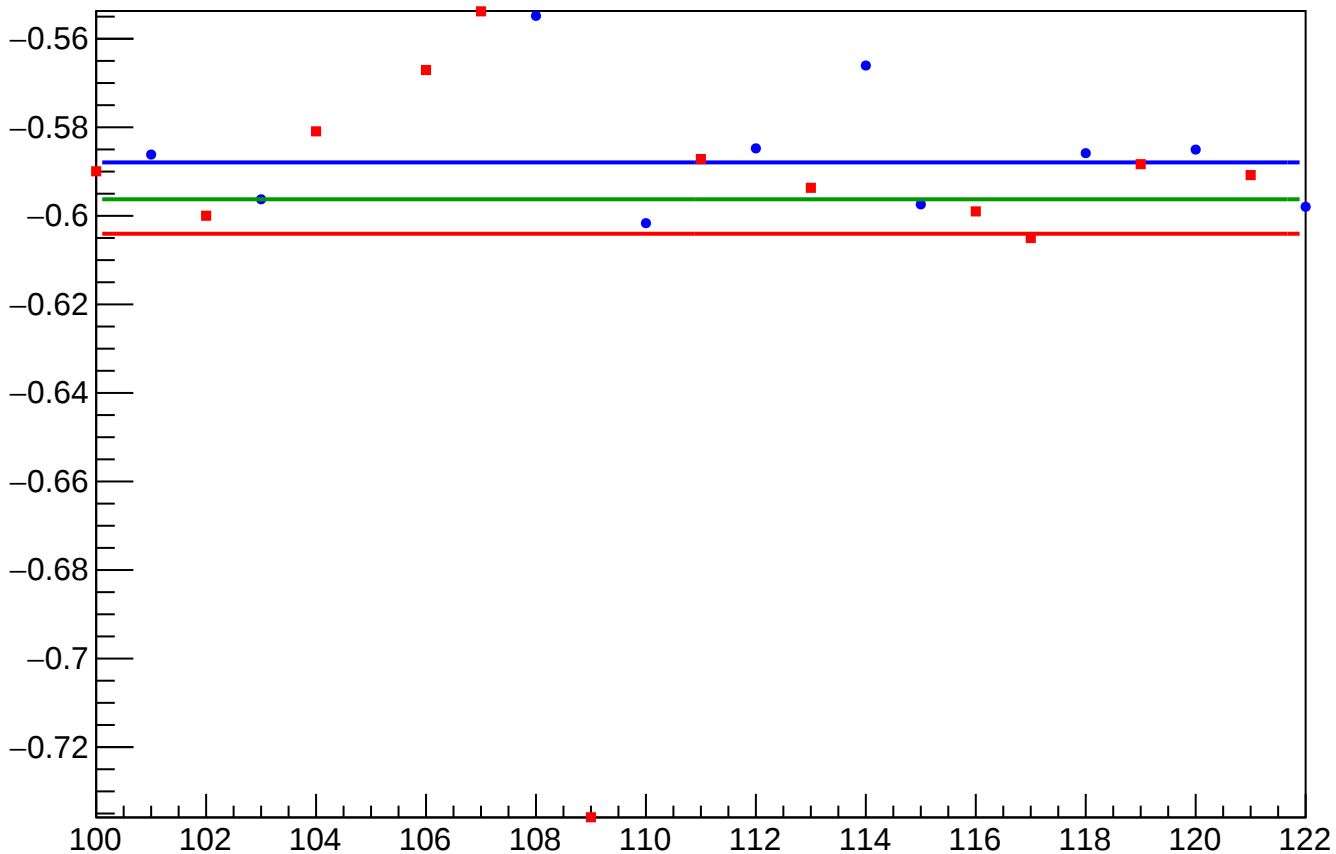
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 4776624.4/9

0.000+/-0.000 χ^2/NDF : 9343972.5/21

0.000+/-0.000 χ^2/NDF : 4567266.2/11

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.588+/-0.000 χ^2/NDF : 567348.8/9

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

Right Out: -0.604+/-0.000 χ^2/NDF : 10124006.1/11

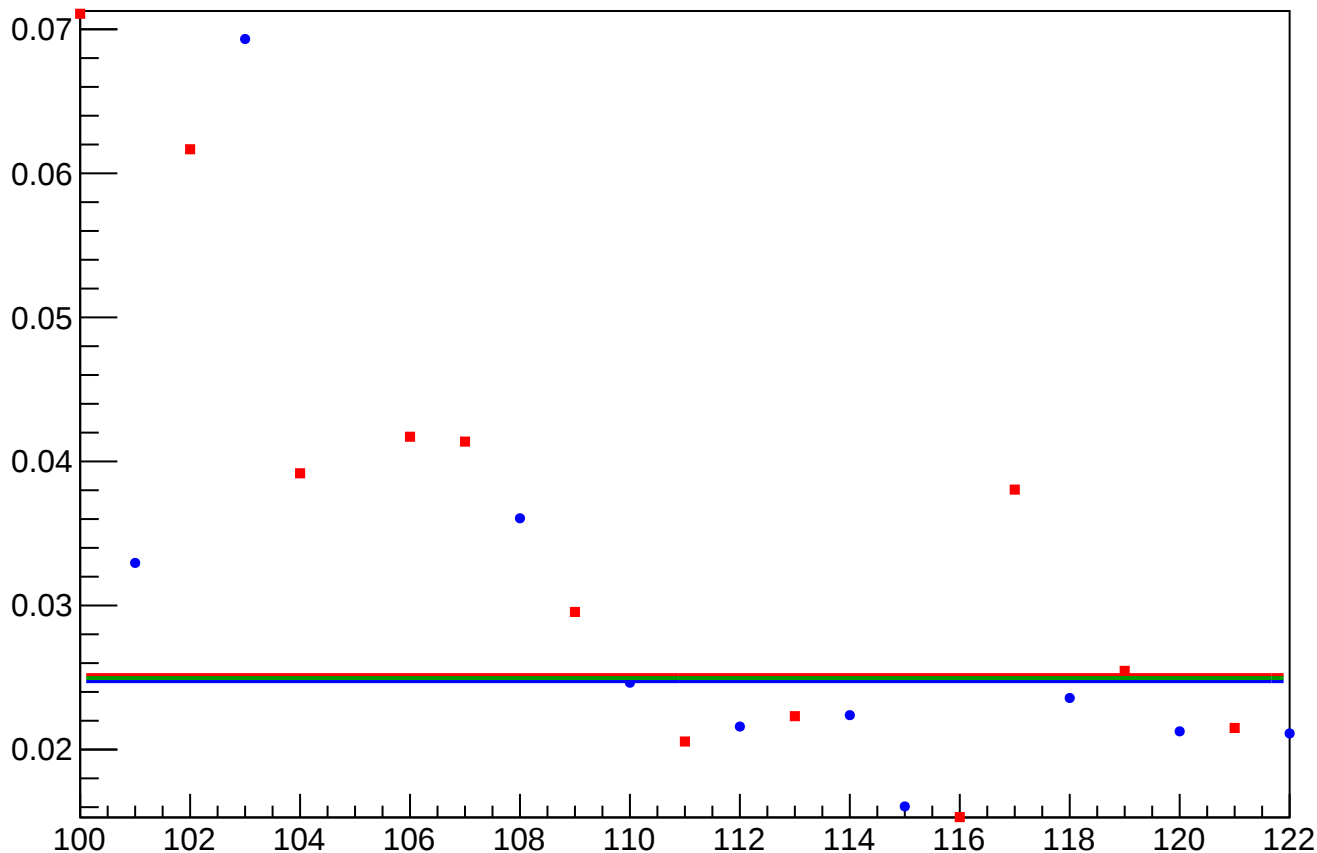
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.588+/-0.000 χ^2/NDF : 567348.8/9

-0.596+/-0.000 χ^2/NDF : 11324405.6/21

-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 : 692664.3/9

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

Right Out: 0.025+/-0.000 χ^2/NDF : 912342.6/11

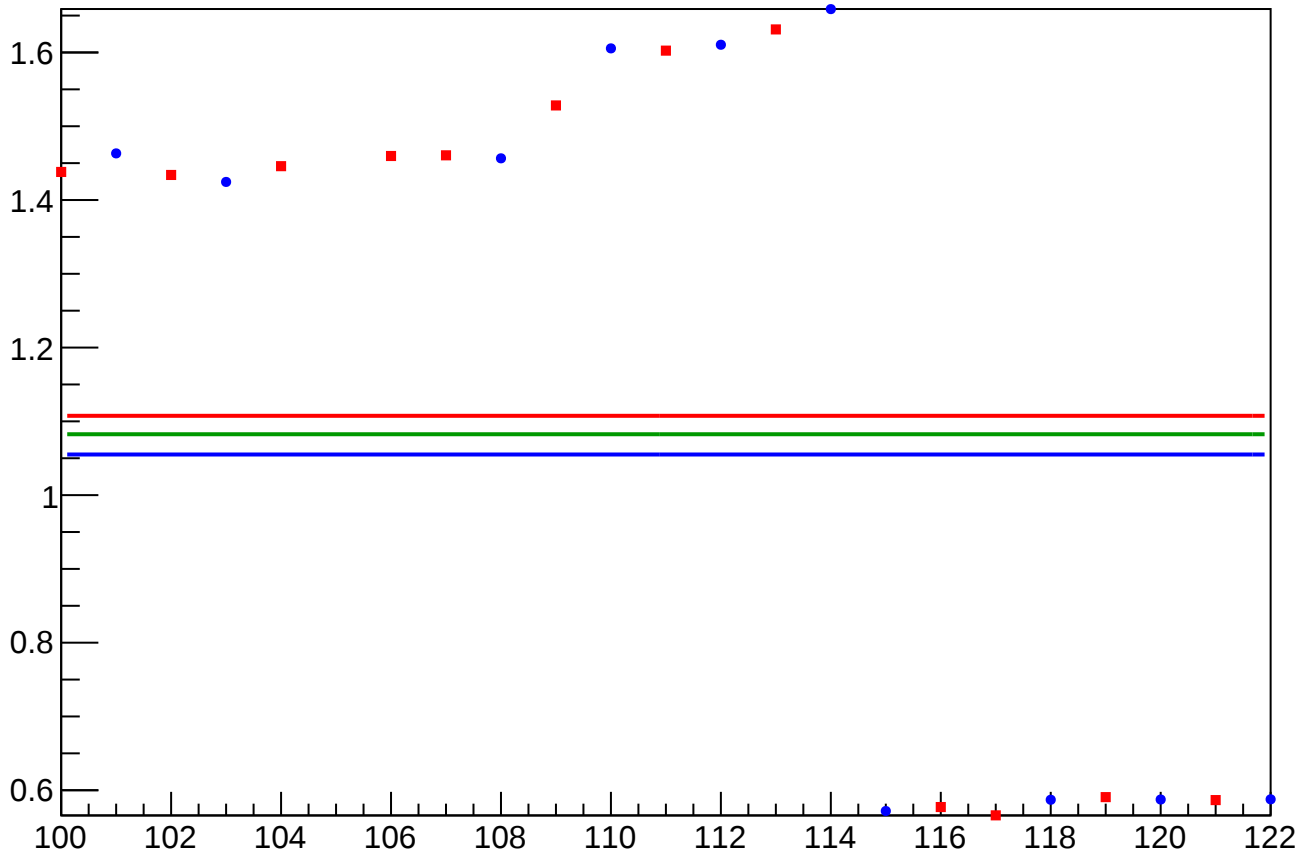
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.025+/-0.000 χ^2/NDF : 692664.3/9

0.025+/-0.000 χ^2/NDF : 1605862.9/21

0.025+/-0.000 χ^2/NDF : 912342.6/11

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 1.055+/-0.000 χ^2/NDF : 2208521986.7/9

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

Right Out: 1.108+/-0.000 χ^2/NDF : 2422709391.3/11

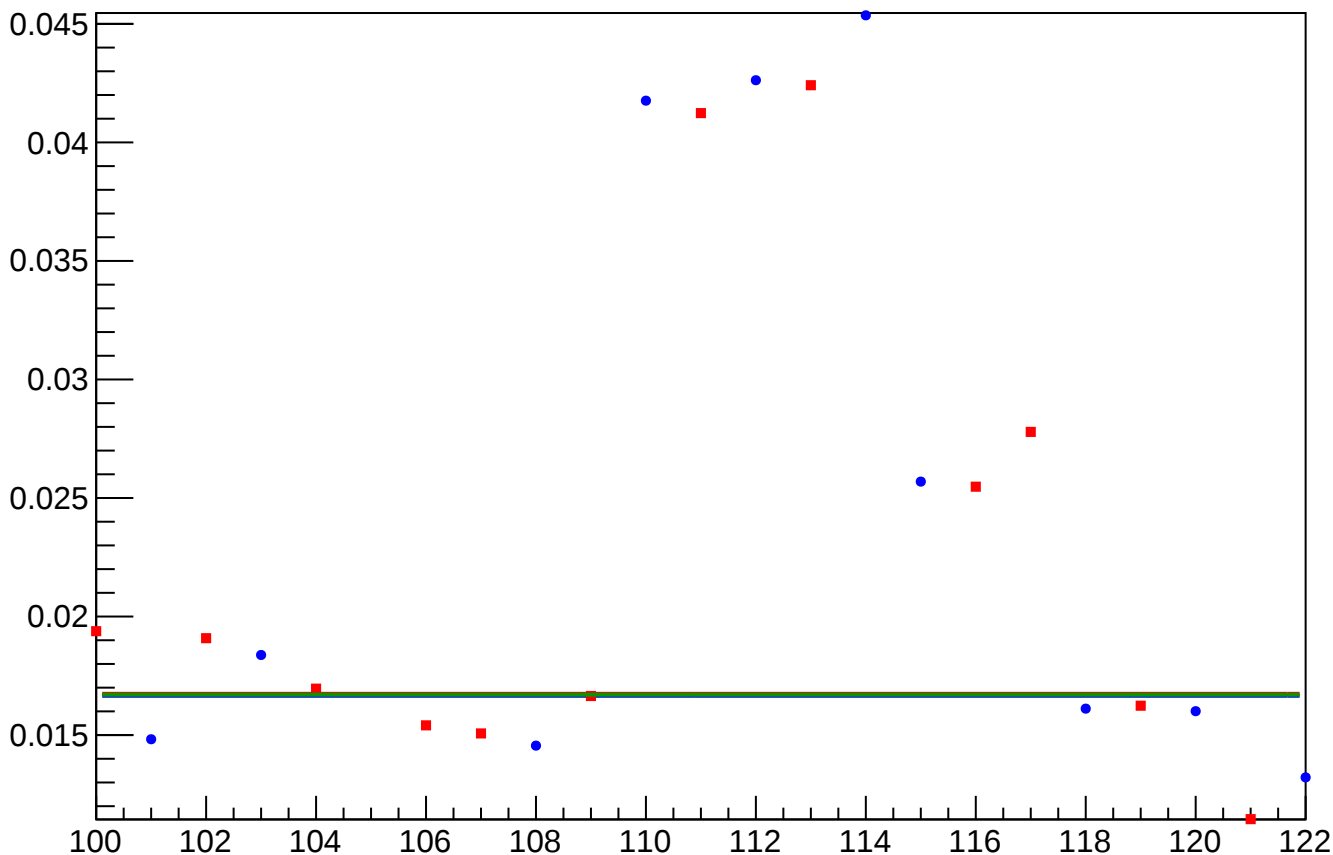
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.055+/-0.000 χ^2/NDF : 2208521986.7/9

1.083+/-0.000 χ^2/NDF : 4647774879.1/21

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 : 775427.3/9

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

Right Out: 0.017+/-0.000 χ^2/NDF : 860915.1/11

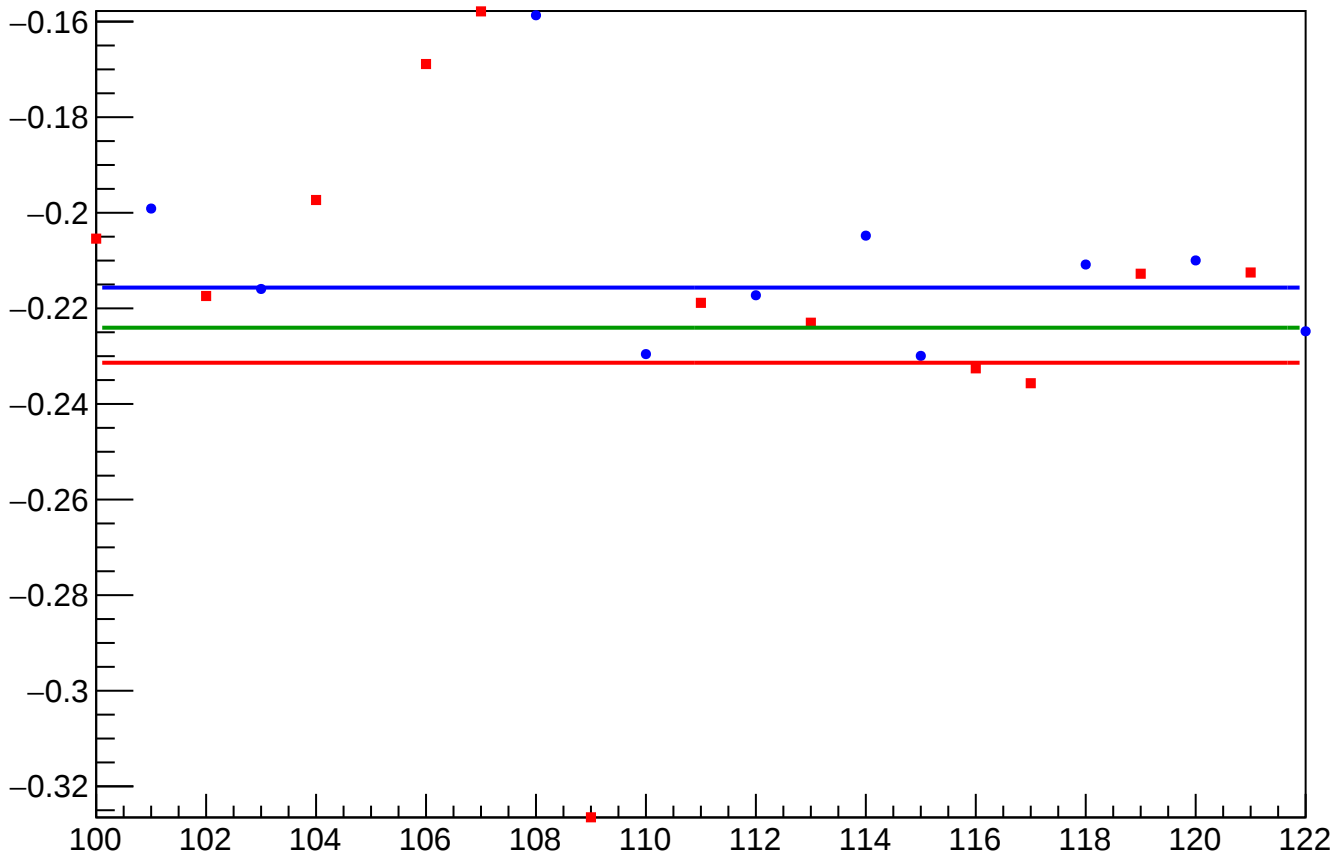
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.017+/-0.000 χ^2/NDF : 775427.3/9

0.017+/-0.000 χ^2/NDF : 1636422.7/21

0.017+/-0.000 χ^2/NDF : 860915.1/11

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.216+/-0.000 χ^2/NDF : 1328386.9/9

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

Right Out: -0.231+/-0.000 χ^2/NDF : 11120298.2/11

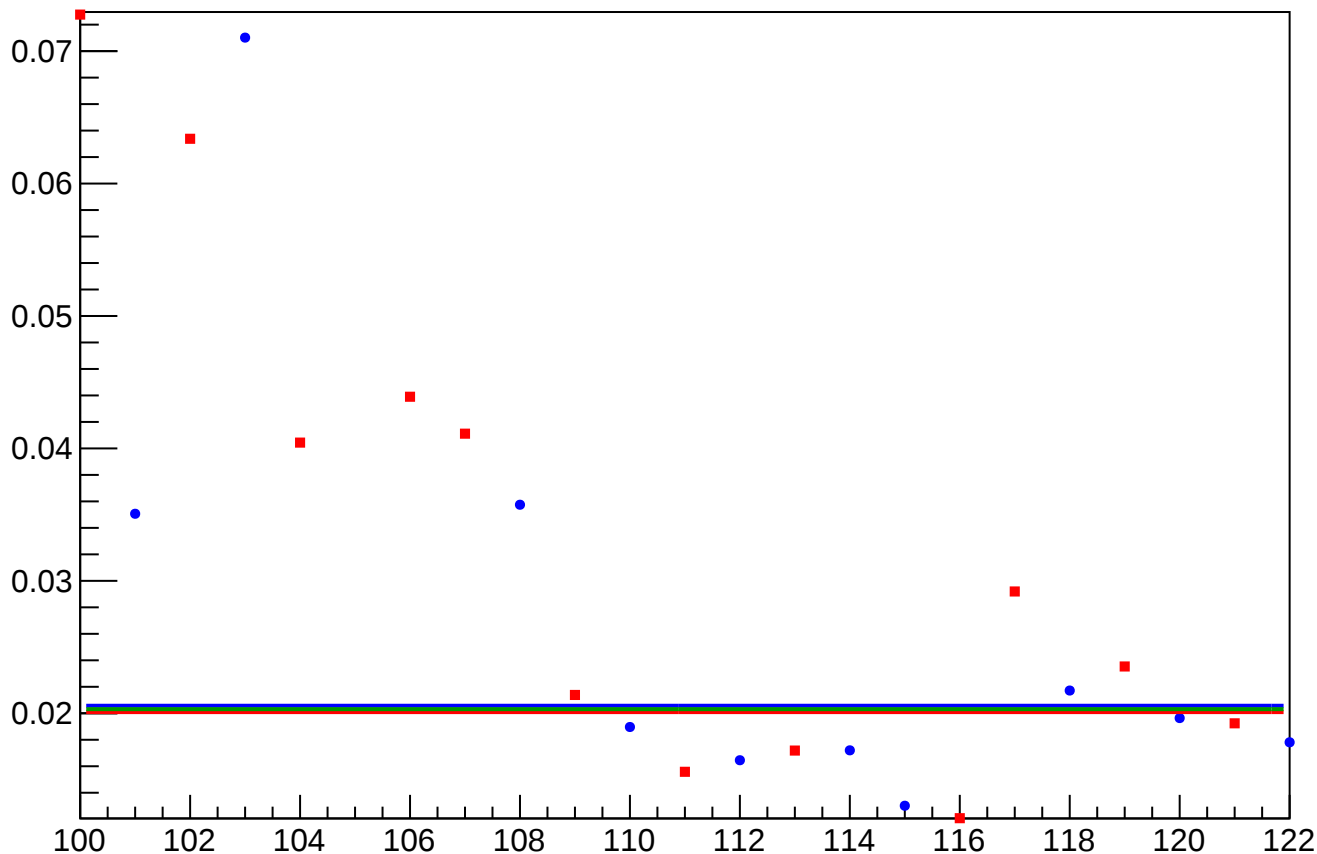
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.216+/-0.000 χ^2/NDF : 1328386.9/9

-0.224+/-0.000 χ^2/NDF : 13308343.7/21

-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 : 992492.4/9

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

Right Out: 0.020+/-0.000 χ^2/NDF : 1295402.1/11

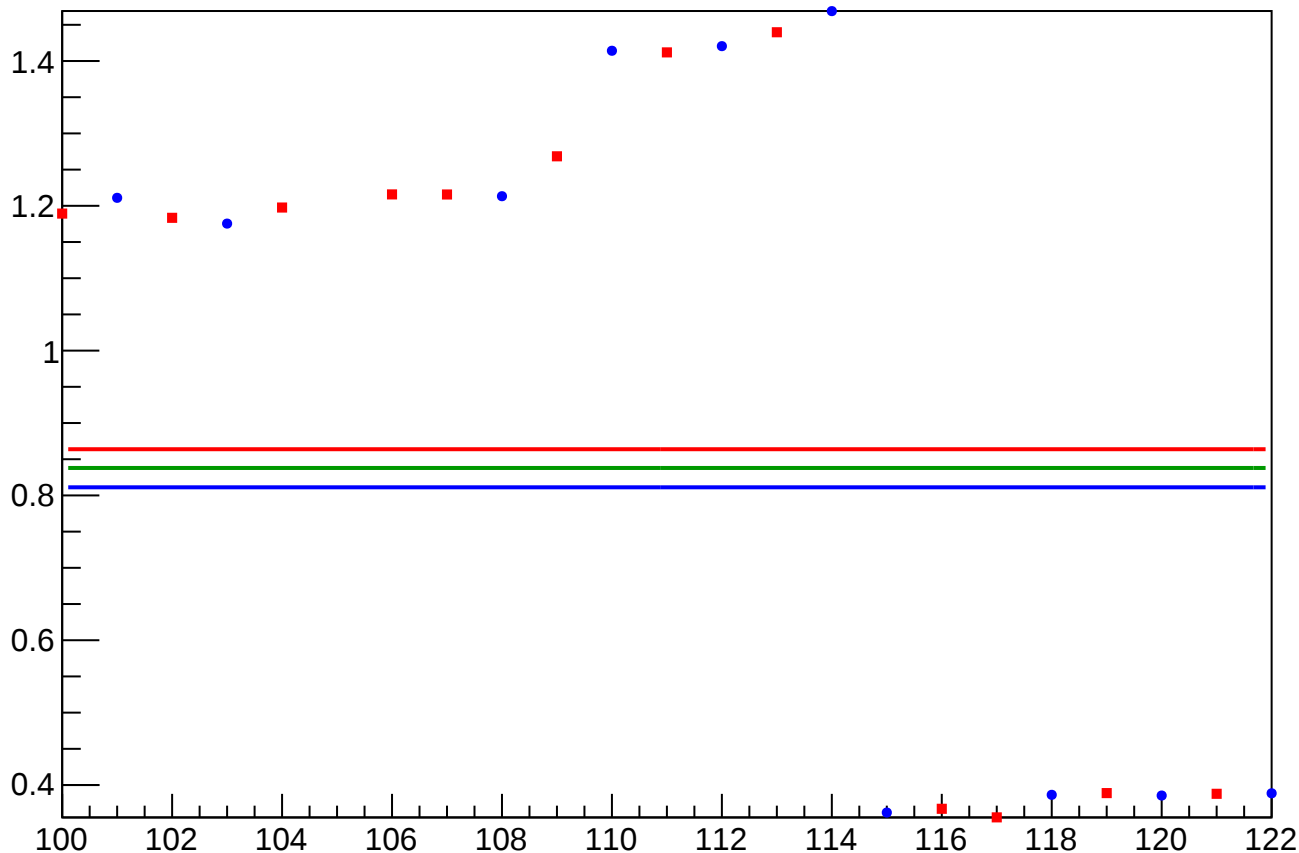
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.021+/-0.000 χ^2/NDF : 992492.4/9

0.020+/-0.000 χ^2/NDF : 2289495.3/21

0.020+/-0.000 χ^2/NDF : 1295402.1/11

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.811+/-0.000 χ^2/NDF : 3044412088.3/9

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

Right Out: 0.864+/-0.000 χ^2/NDF : 3132154138.3/11

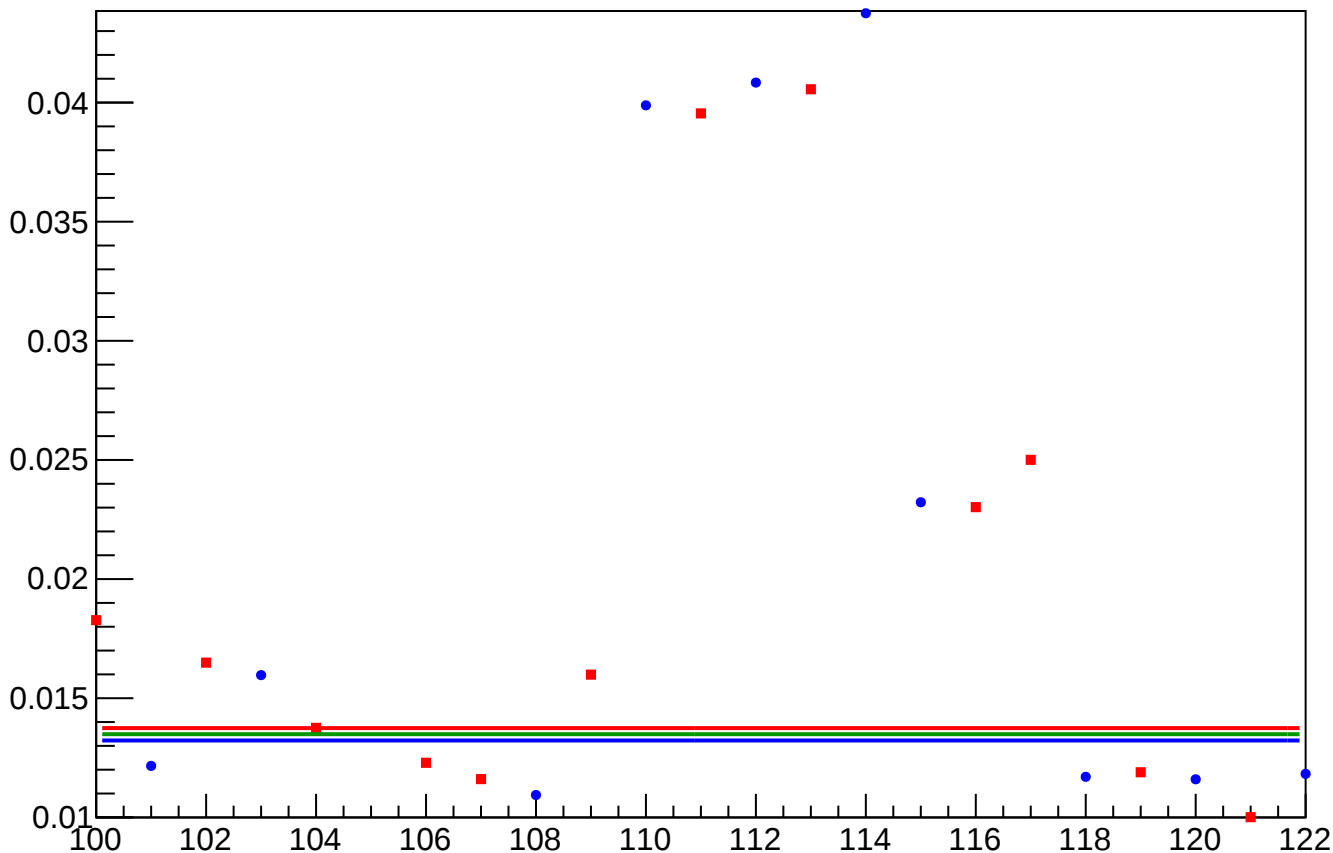
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.811+/-0.000 χ^2/NDF : 3044412088.3/9

0.838+/-0.000 χ^2/NDF : 6201259306.1/21

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 : 947861.7/9

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

Right Out: 0.014+/-0.000 χ^2/NDF : 1018040.5/11

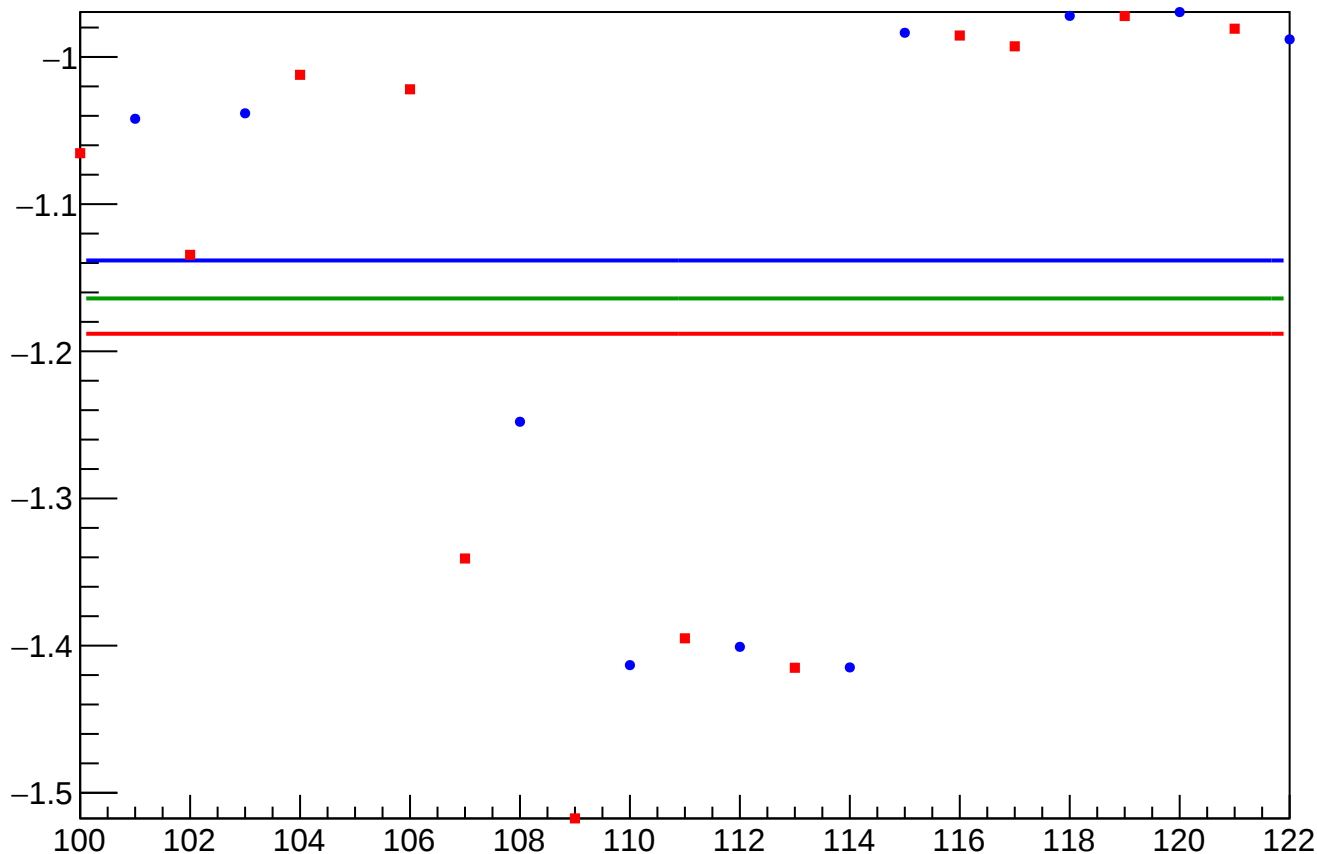
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 947861.7/9

0.013+/-0.000 χ^2/NDF : 1970712.5/21

0.014+/-0.000 χ^2/NDF : 1018040.5/11

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.138 $\pm$ 0.000 χ^2/NDF : 184938875.3/9

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

Right Out: -1.188 $\pm$ 0.000 χ^2/NDF : 250592875.1/11

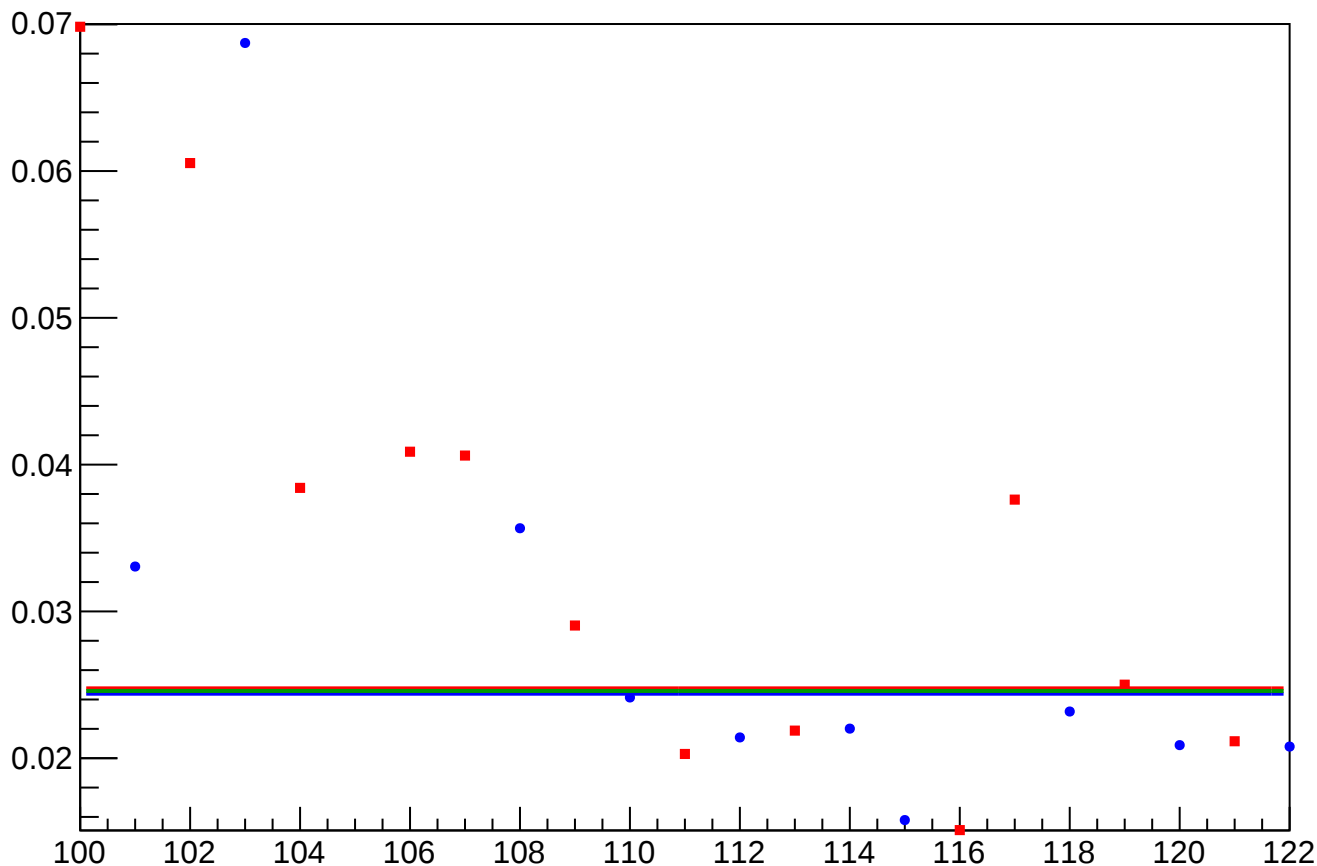
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-1.138 $\pm$ 0.000 χ^2/NDF : 184938875.3/9

-1.164 $\pm$ 0.000 χ^2/NDF : 441754401.2/21

-1.188 $\pm$ 0.000 χ^2/NDF : 250592875.1/11

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.024+/-0.000 χ^2/NDF : 701759.8/9

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

Right Out: 0.025+/-0.000 χ^2/NDF : 905555.3/11

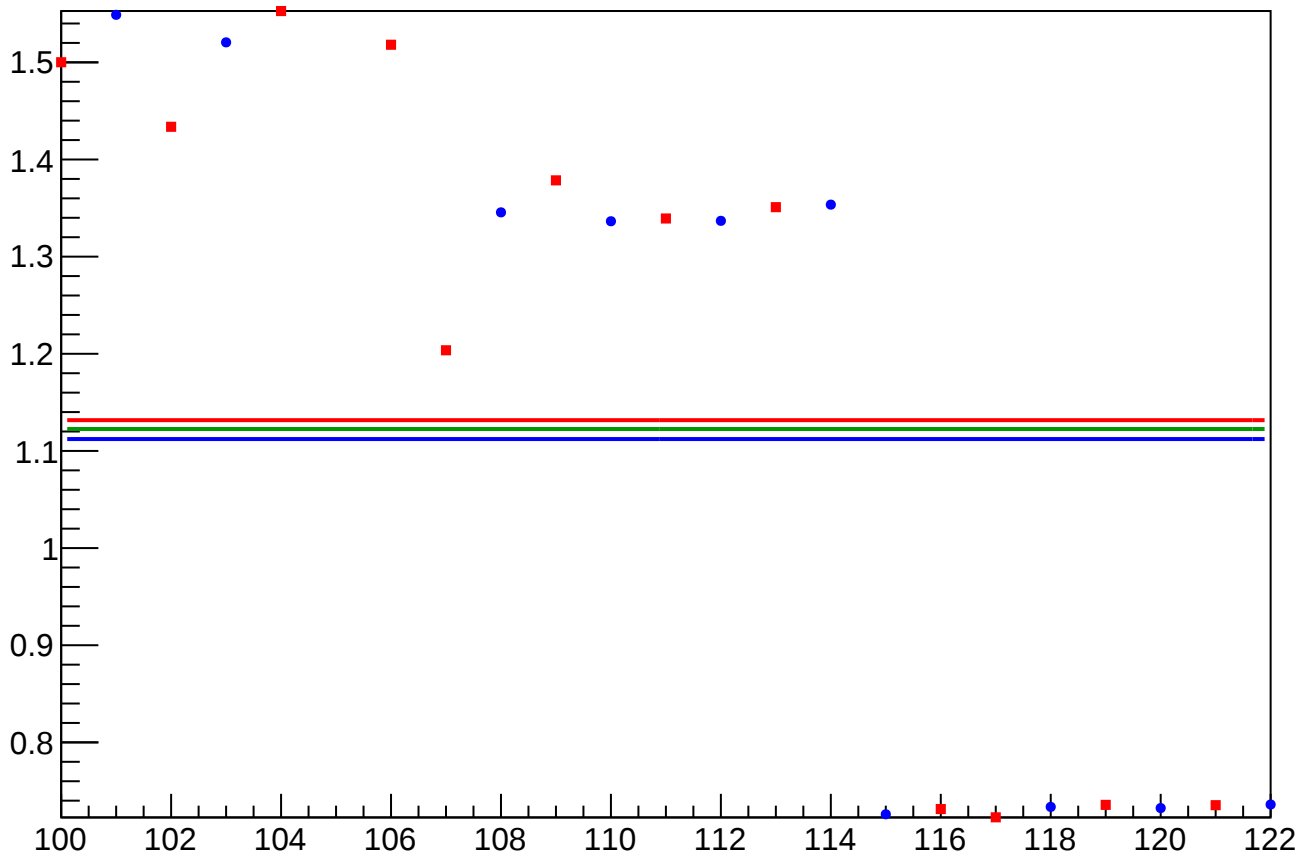
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.024+/-0.000 χ^2/NDF : 701759.8/9

0.025+/-0.000 χ^2/NDF : 1607975.5/21

0.025+/-0.000 χ^2/NDF : 905555.3/11

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.112+/-0.000 χ^2/NDF : 1507432152.8/9

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

Right Out: 1.132+/-0.000 χ^2/NDF : 1492917119.6/11

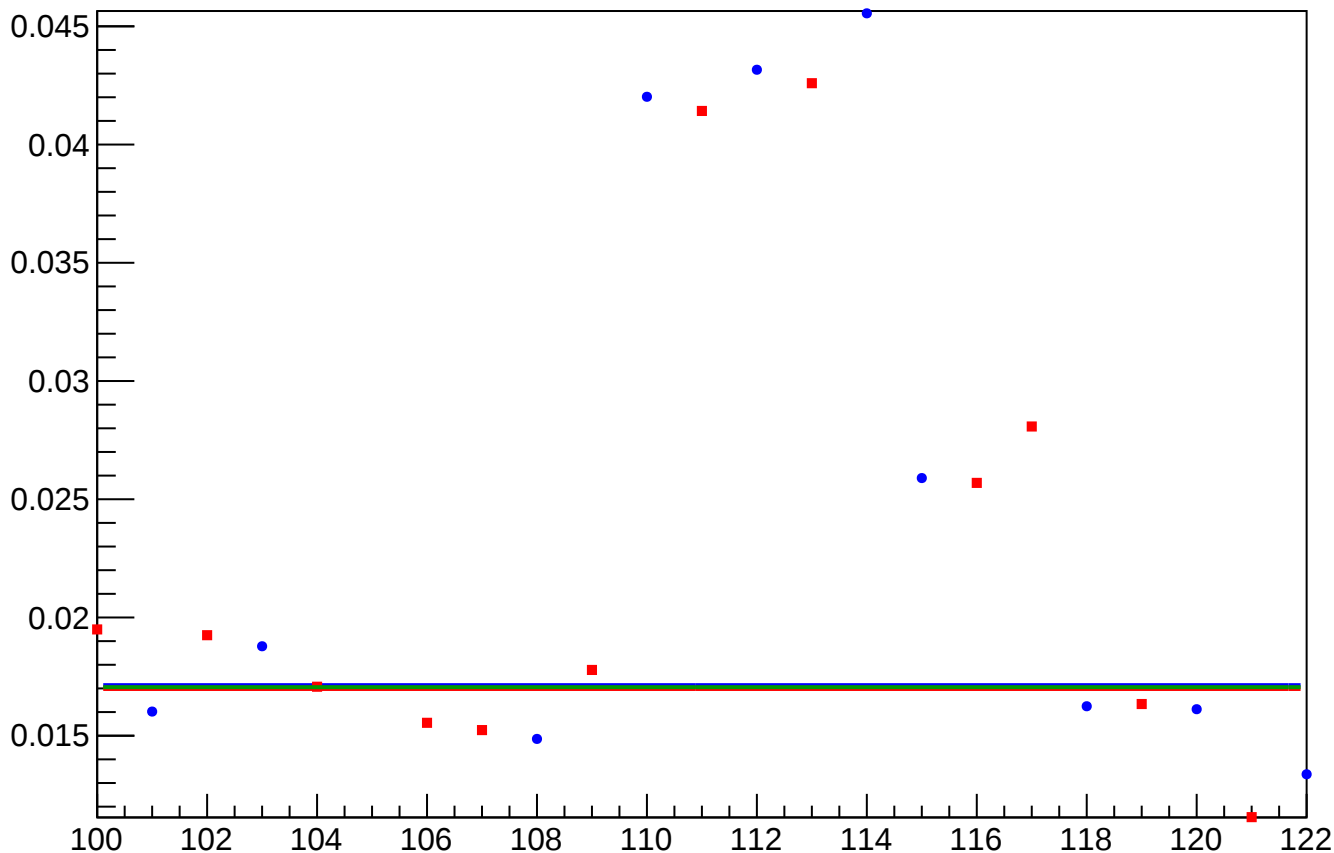
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.112+/-0.000 χ^2/NDF : 1507432152.8/9

1.123+/-0.000 χ^2/NDF : 3002520066.4/21

1.132+/-0.000 χ^2/NDF : 1492917119.6/11

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 758268.2/9

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

Right Out: 0.017+/-0.000 χ^2/NDF : 858378.6/11

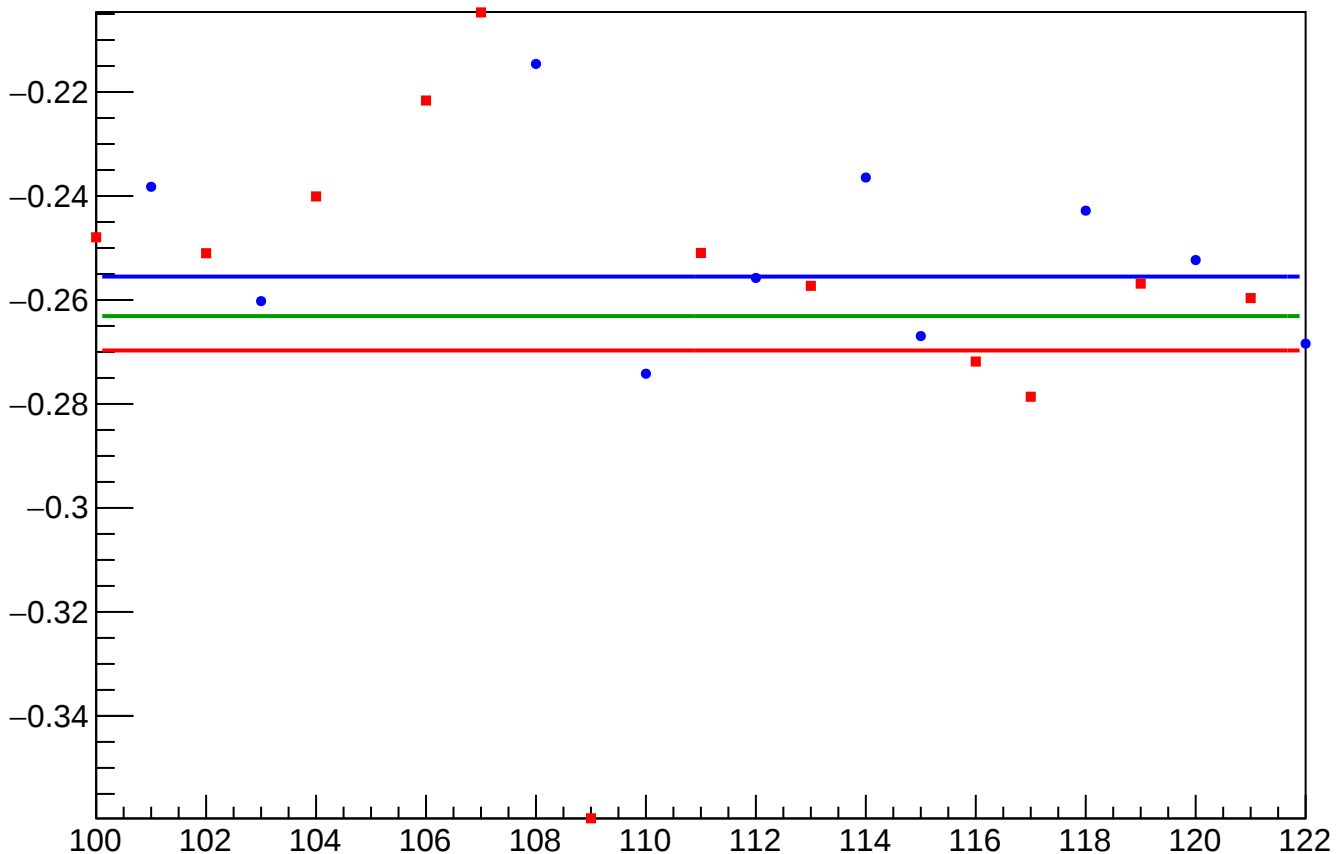
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.017+/-0.000 χ^2/NDF : 758268.2/9

0.017+/-0.000 χ^2/NDF : 1616945.1/21

0.017+/-0.000 χ^2/NDF : 858378.6/11

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.256+/-0.000 χ^2 /NDF: 1295250.1/9

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

Right Out: -0.270+/-0.000 χ^2 /NDF: 9722114.1/11

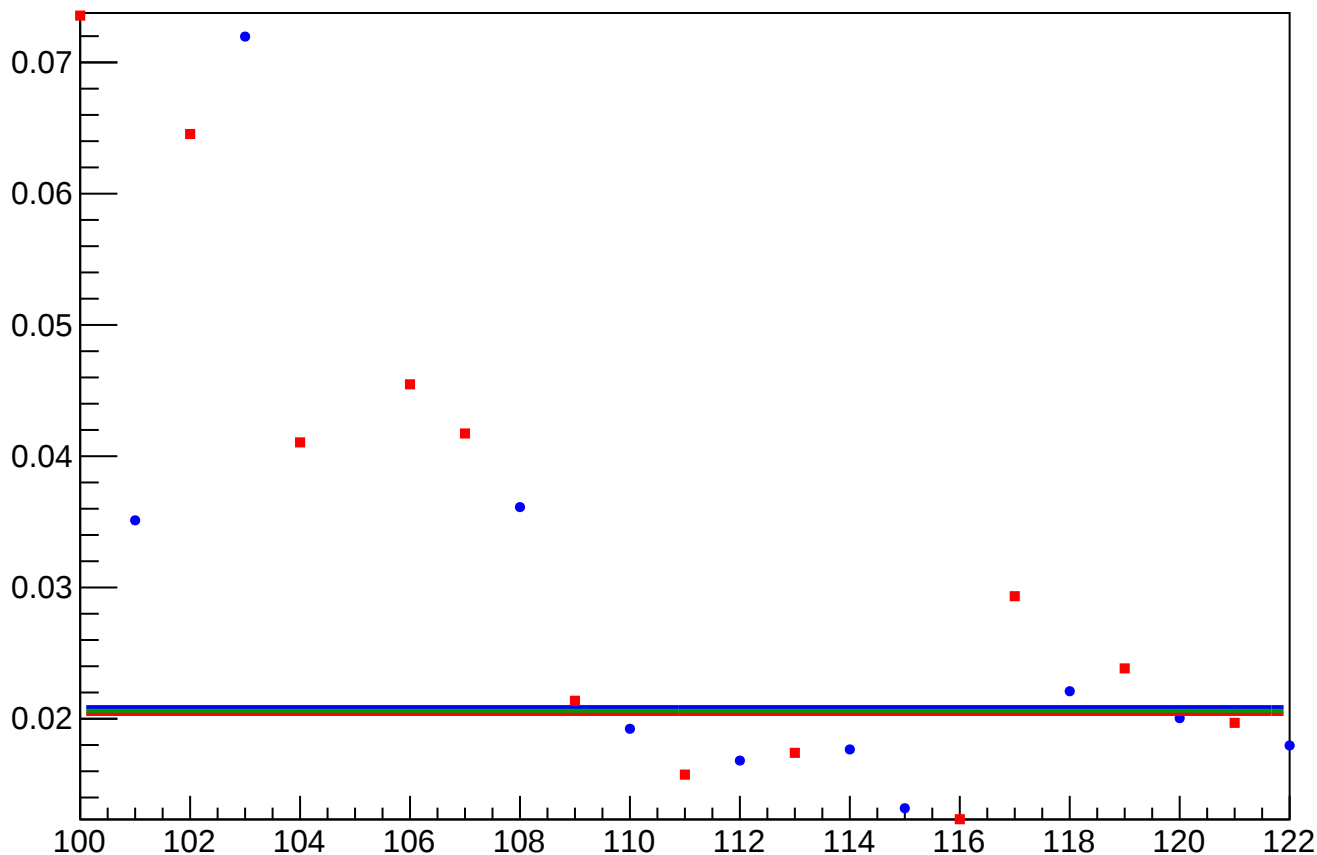
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.256+/-0.000 χ^2 /NDF: 1295250.1/9

-0.263+/-0.000 χ^2 /NDF: 11700347.5/21

-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 : 979518.5/9

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

Right Out: 0.020+/-0.000 χ^2/NDF : 1300520.0/11

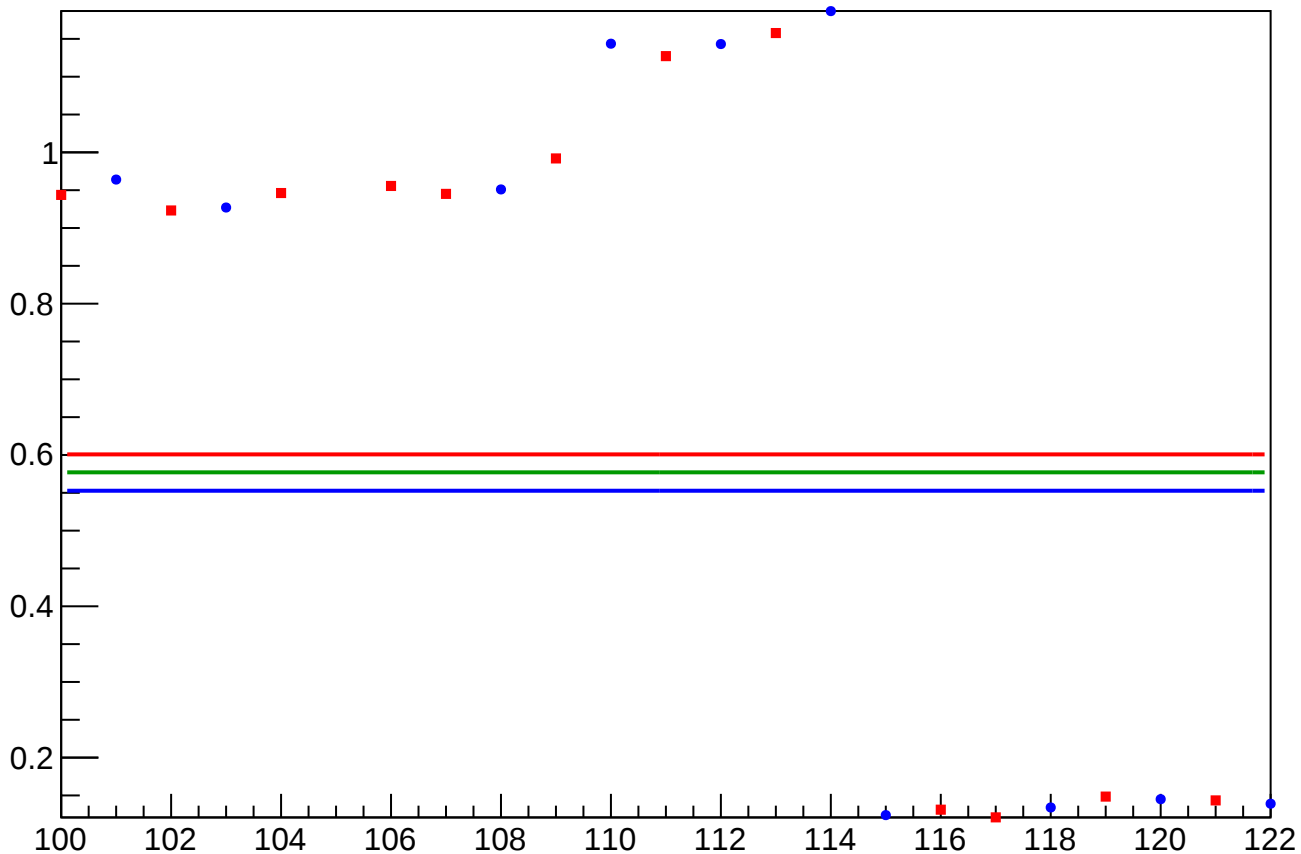
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.021+/-0.000 χ^2/NDF : 979518.5/9

0.021+/-0.000 χ^2/NDF : 2281883.6/21

0.020+/-0.000 χ^2/NDF : 1300520.0/11

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.553+/-0.000 χ^2/NDF : 3042273113.6/9

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

Right Out: 0.601+/-0.000 χ^2/NDF : 3007945379.3/11

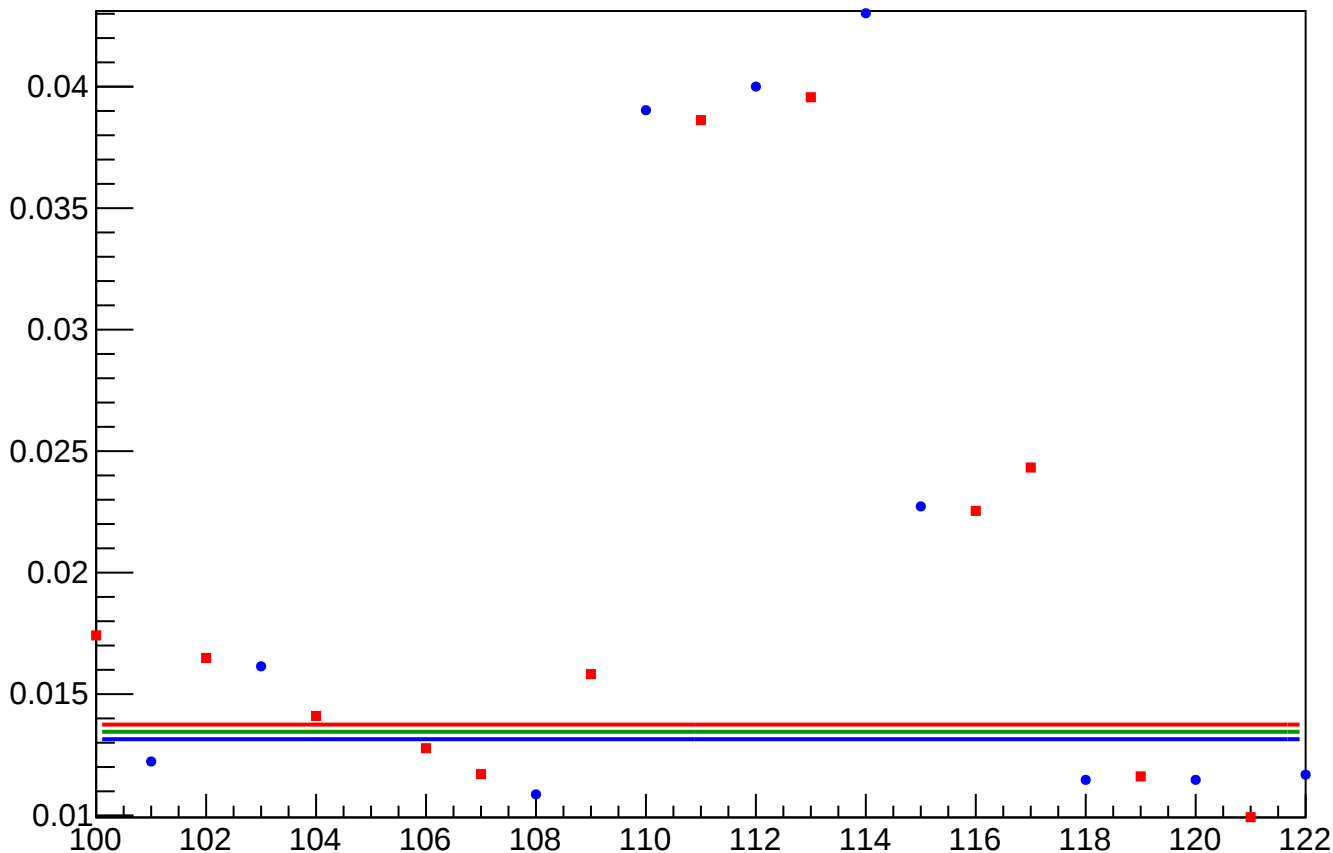
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.553+/-0.000 χ^2/NDF : 3042273113.6/9

0.577+/-0.000 χ^2/NDF : 6070991657.6/21

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 : 945085.7/9

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

Right Out: 0.014+/-0.000 χ^2/NDF : 998970.9/11

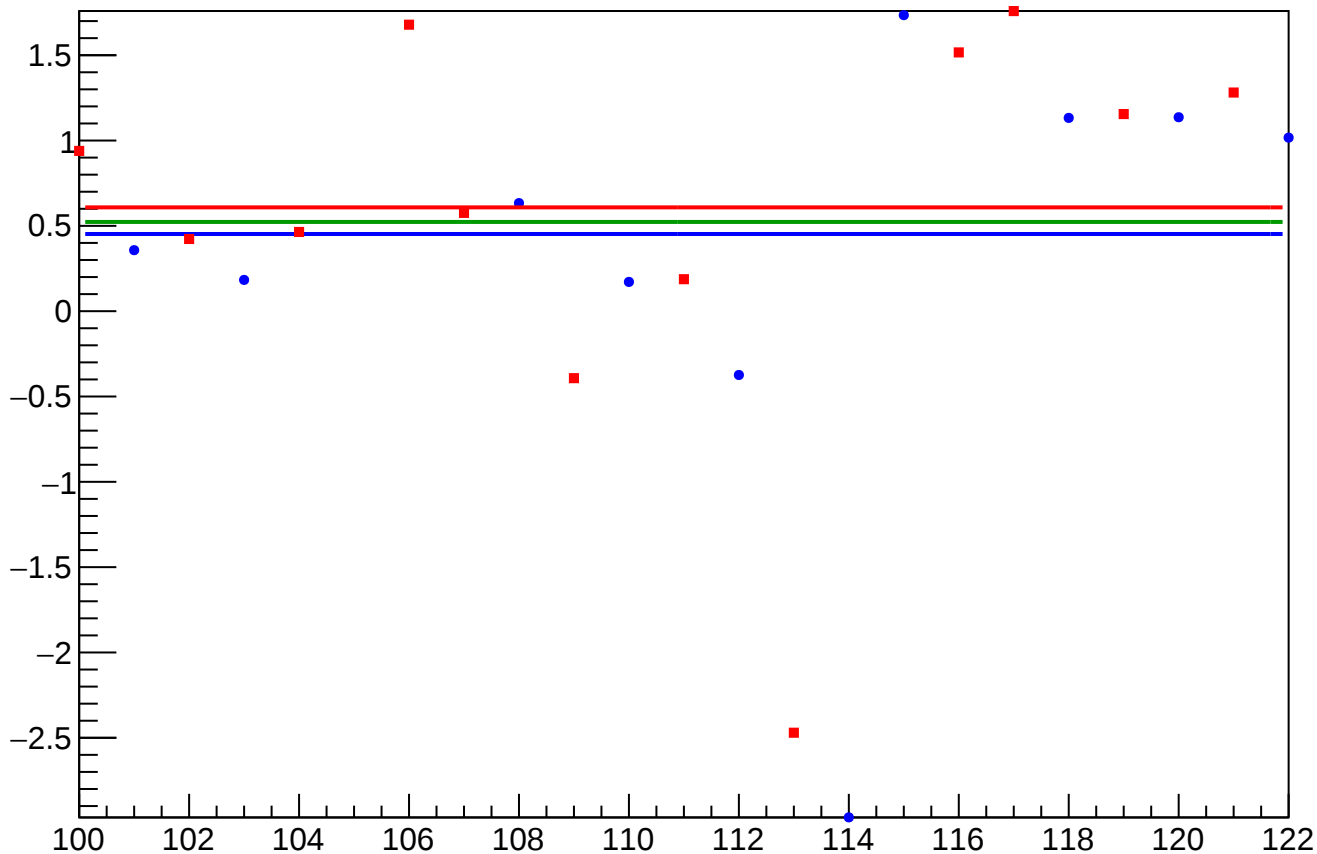
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 945085.7/9

0.013+/-0.000 χ^2/NDF : 1950559.3/21

0.014+/-0.000 χ^2/NDF : 998970.9/11

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.452+/-0.000 χ^2/NDF : 207221440.7/9

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

Right Out: 0.608+/-0.000 χ^2/NDF : 875416843.5/11

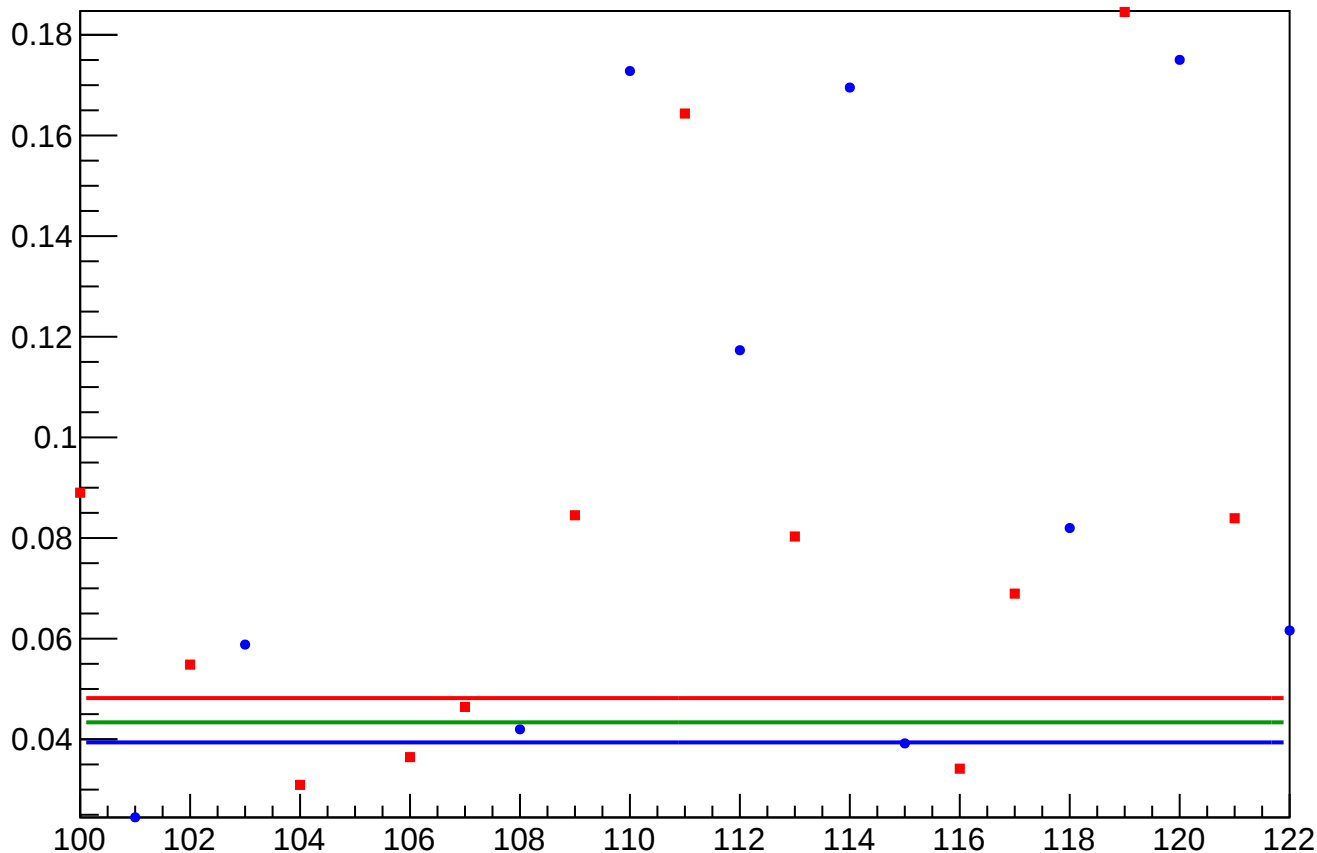
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.452+/-0.000 χ^2/NDF : 207221440.7/9

0.523+/-0.000 χ^2/NDF : 1097494328.0/21

0.608+/-0.000 χ^2/NDF : 875416843.5/11

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.039+/-0.000 χ^2/NDF : 1868427.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.048+/-0.000 χ^2/NDF : 1653883.7/11

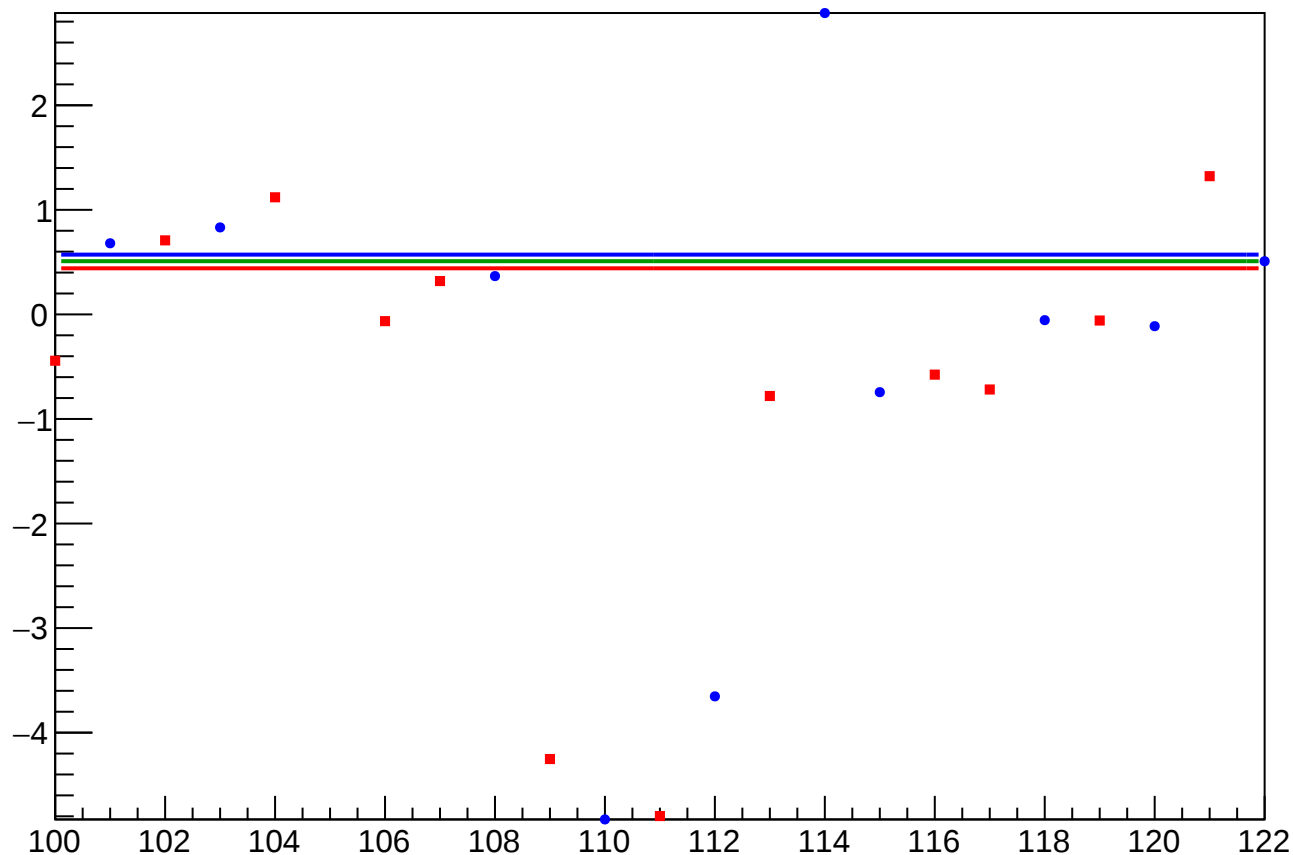
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.039+/-0.000 χ^2/NDF : 1868427.5/9

0.043+/-0.000 χ^2/NDF : 3616972.2/21

0.048+/-0.000 χ^2/NDF : 1653883.7/11

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.572+/-0.000 χ^2/NDF : 1602704868.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.441+/-0.000 χ^2/NDF : 3676859375.7/11

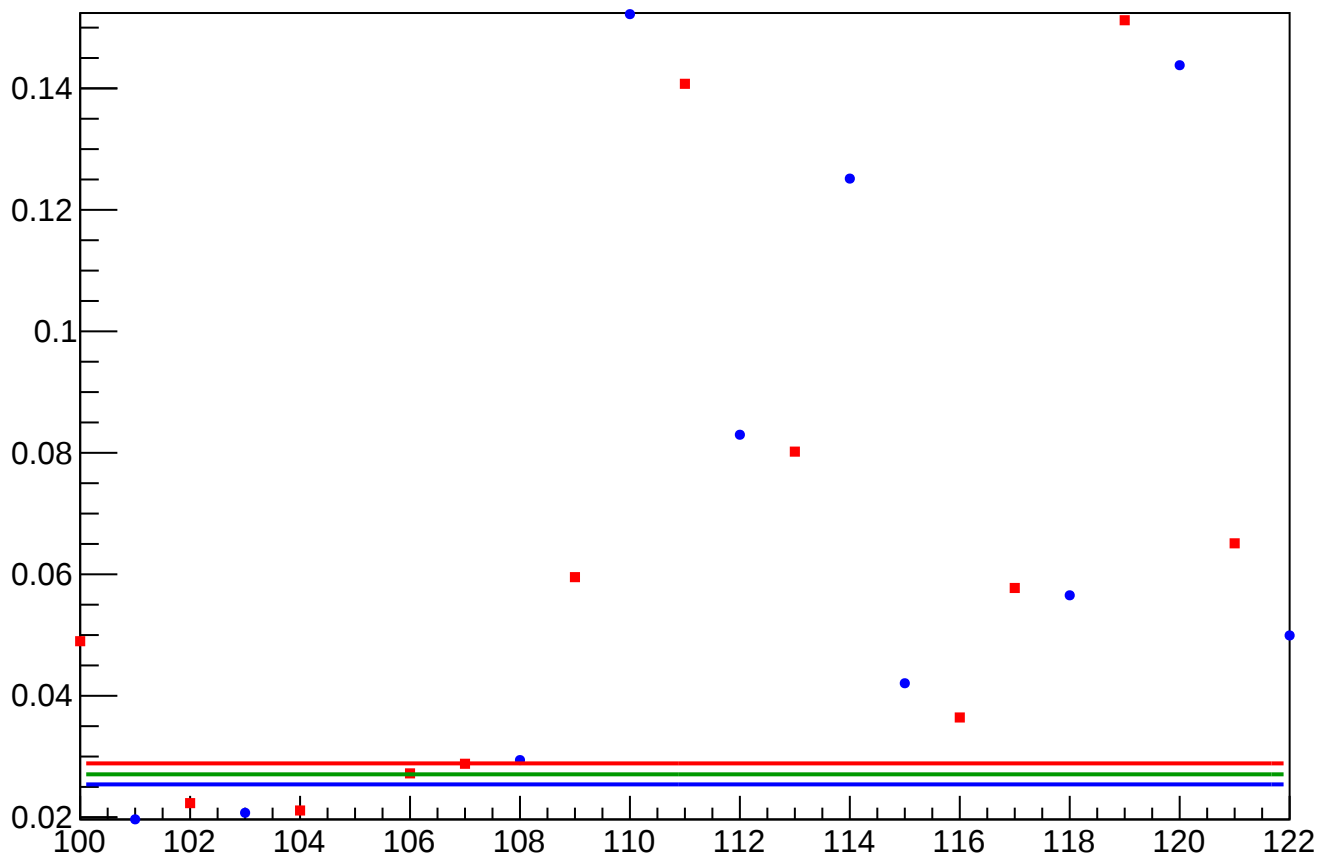
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.572+/-0.000 χ^2/NDF : 1602704868.0/9

0.509+/-0.000 χ^2/NDF : 5306324202.2/21

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 : 1720937.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.029+/-0.000 χ^2/NDF : 2072228.7/11

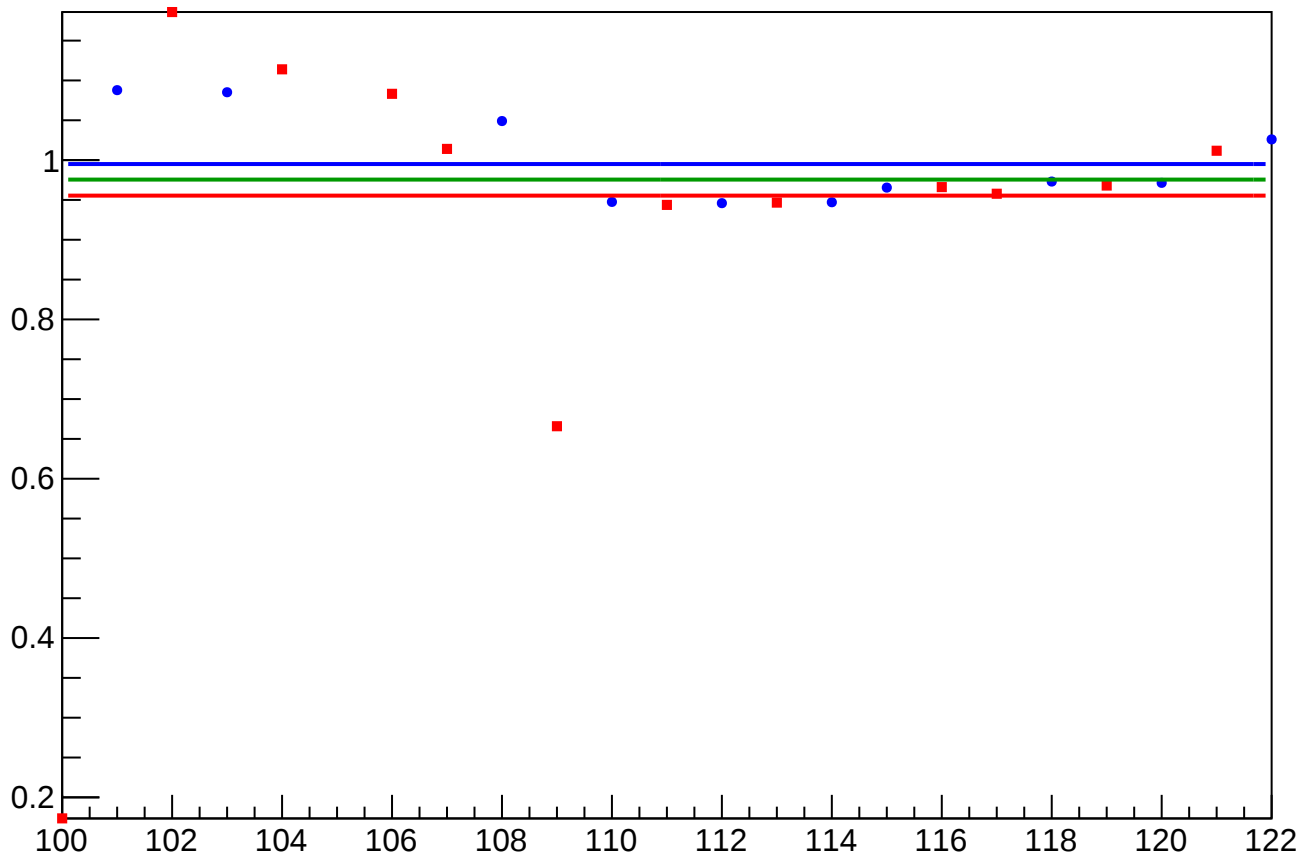
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.025+/-0.000 χ^2/NDF : 1720937.1/9

0.027+/-0.000 χ^2/NDF : 3830484.3/21

0.029+/-0.000 χ^2/NDF : 2072228.7/11

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.995 $\pm$ 0.000 χ^2/NDF : 43038617.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Right Out: 0.955 $\pm$ 0.000 χ^2/NDF : 265133072.7/11

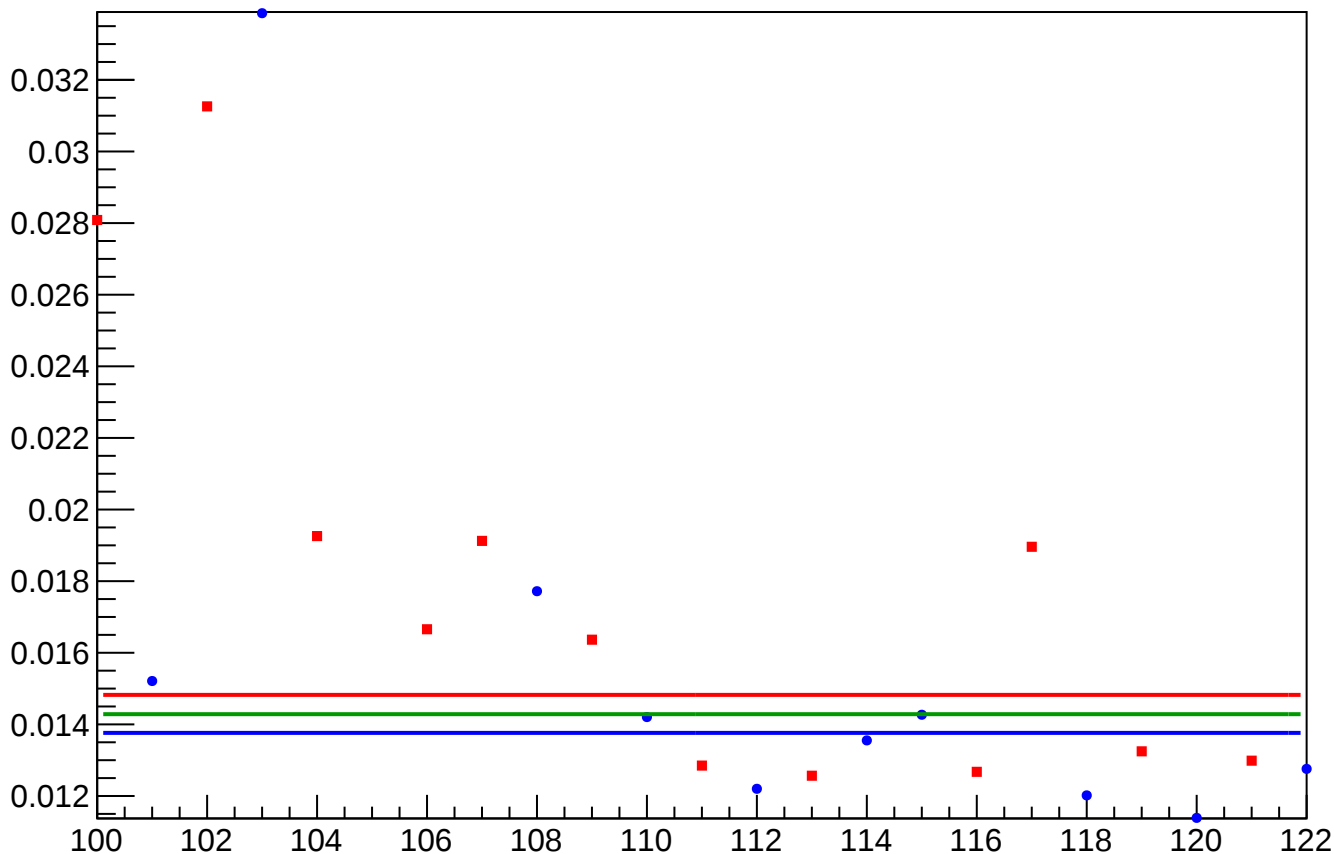
Left In: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

0.995 $\pm$ 0.000 χ^2/NDF : 43038617.3/9

0.976 $\pm$ 0.000 χ^2/NDF : 321060530.7/21

0.955 $\pm$ 0.000 χ^2/NDF : 265133072.7/11

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 469100.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 468597.7/11

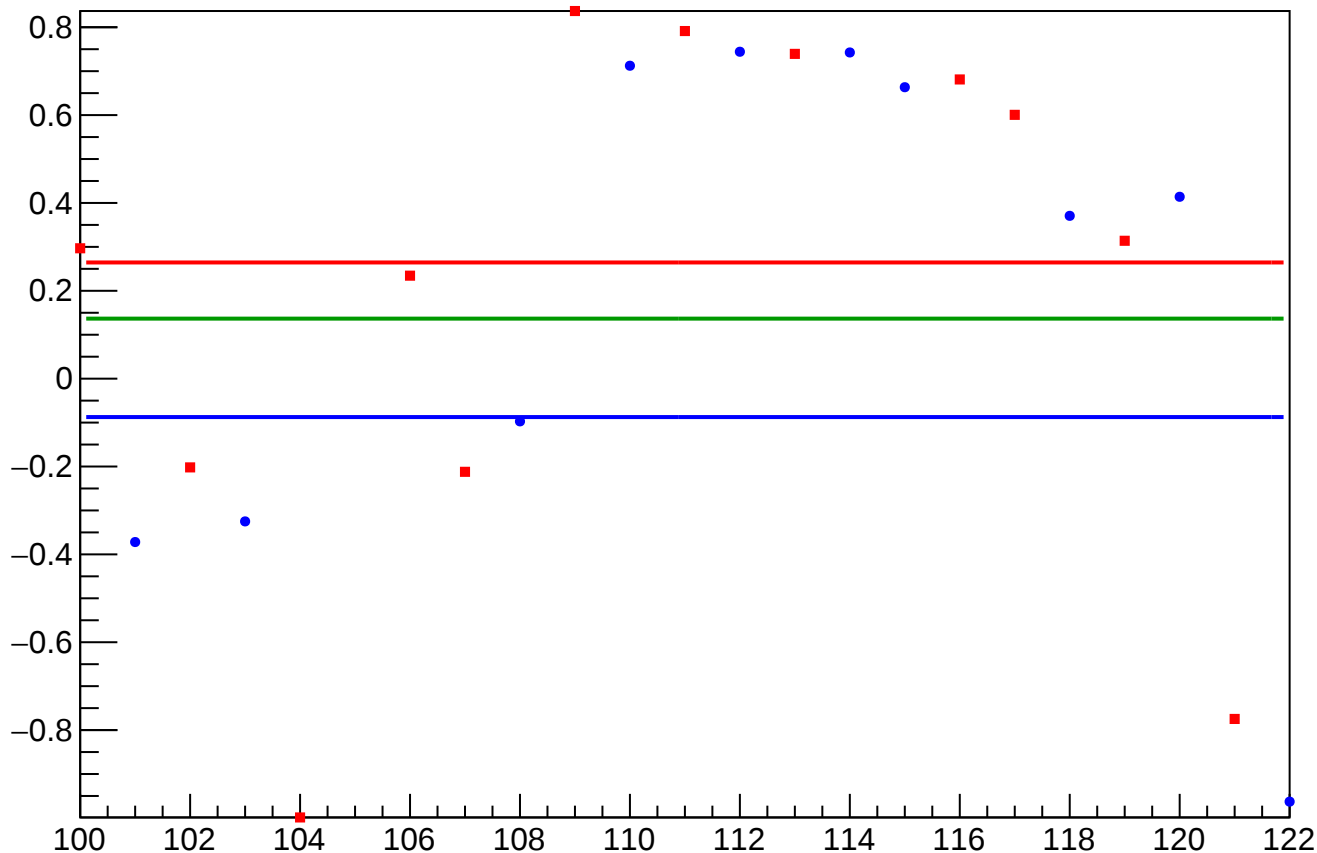
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 469100.6/9

0.014+/-0.000 χ^2/NDF : 956182.5/21

0.015+/-0.000 χ^2/NDF : 468597.7/11

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.087+/-0.000 χ^2/NDF : 3368845654.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.265+/-0.000 χ^2/NDF : 7948592678.4/11

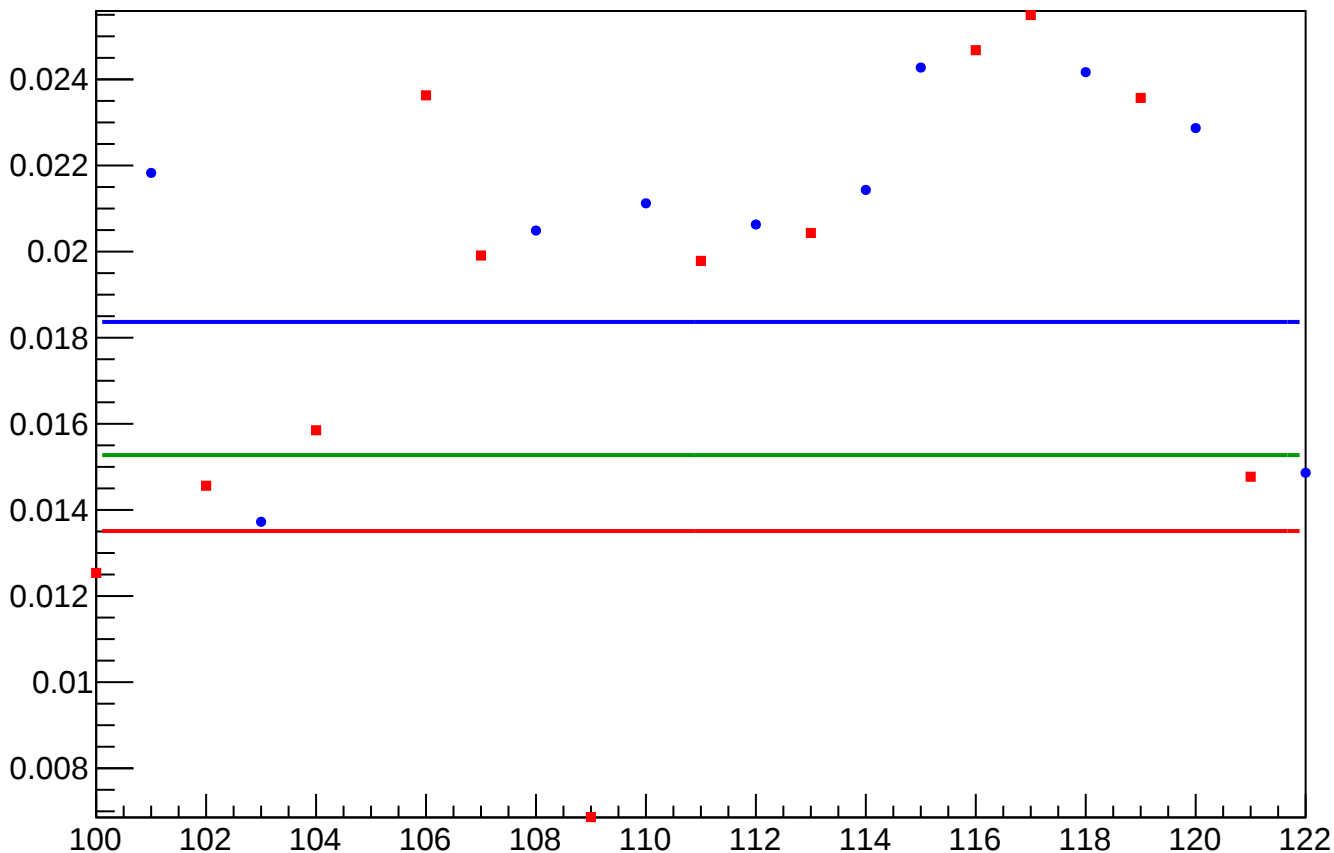
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.087+/-0.000 χ^2/NDF : 3368845654.4/9

0.137+/-0.000 χ^2/NDF : 12098990488.9/2

0.265+/-0.000 χ^2/NDF : 7948592678.4/11

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 315389.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1261954.4/11

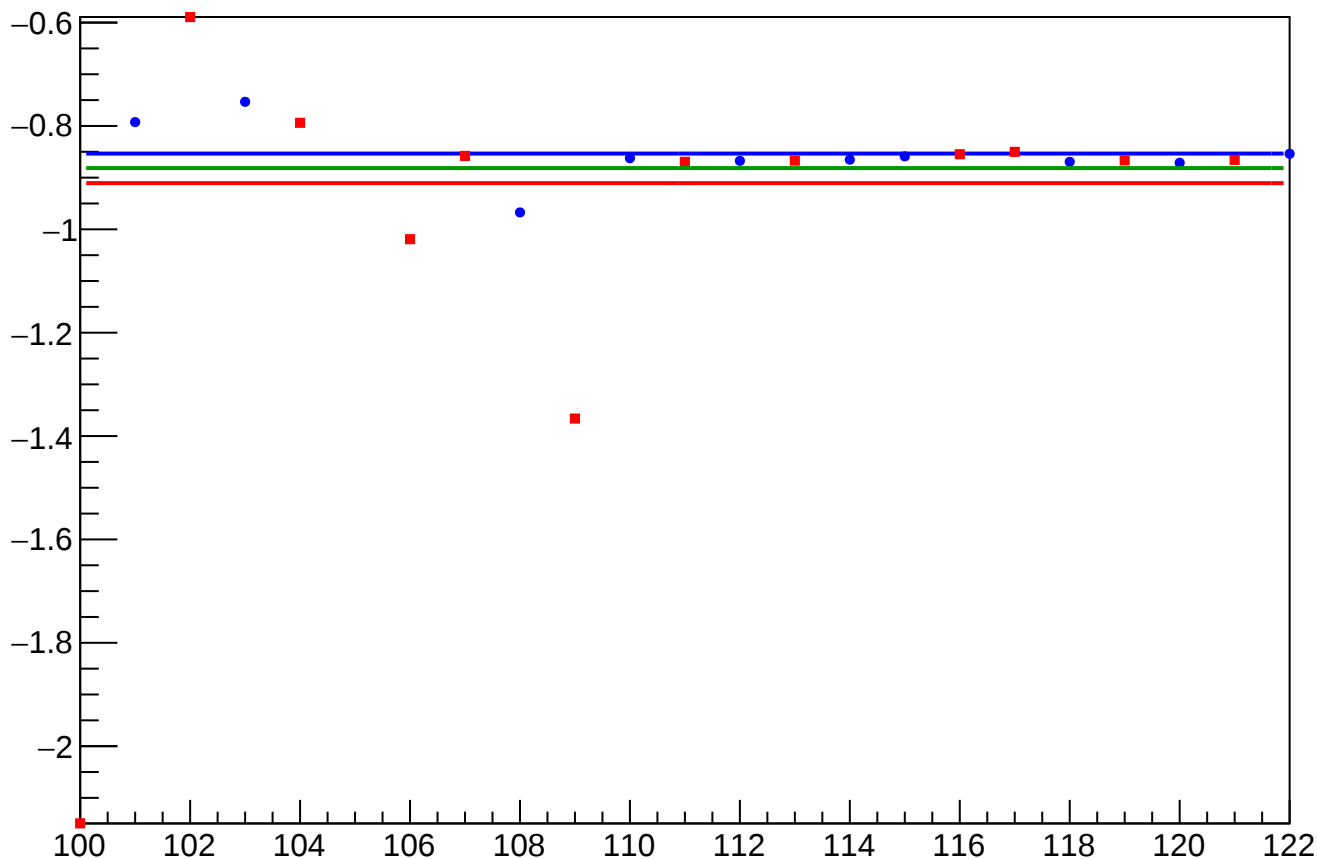
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.018+/-0.000 χ^2/NDF : 315389.2/9

0.015+/-0.000 χ^2/NDF : 1874967.7/21

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 : 6236304.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.911+/-0.000 χ^2/NDF : 109069237.3/11

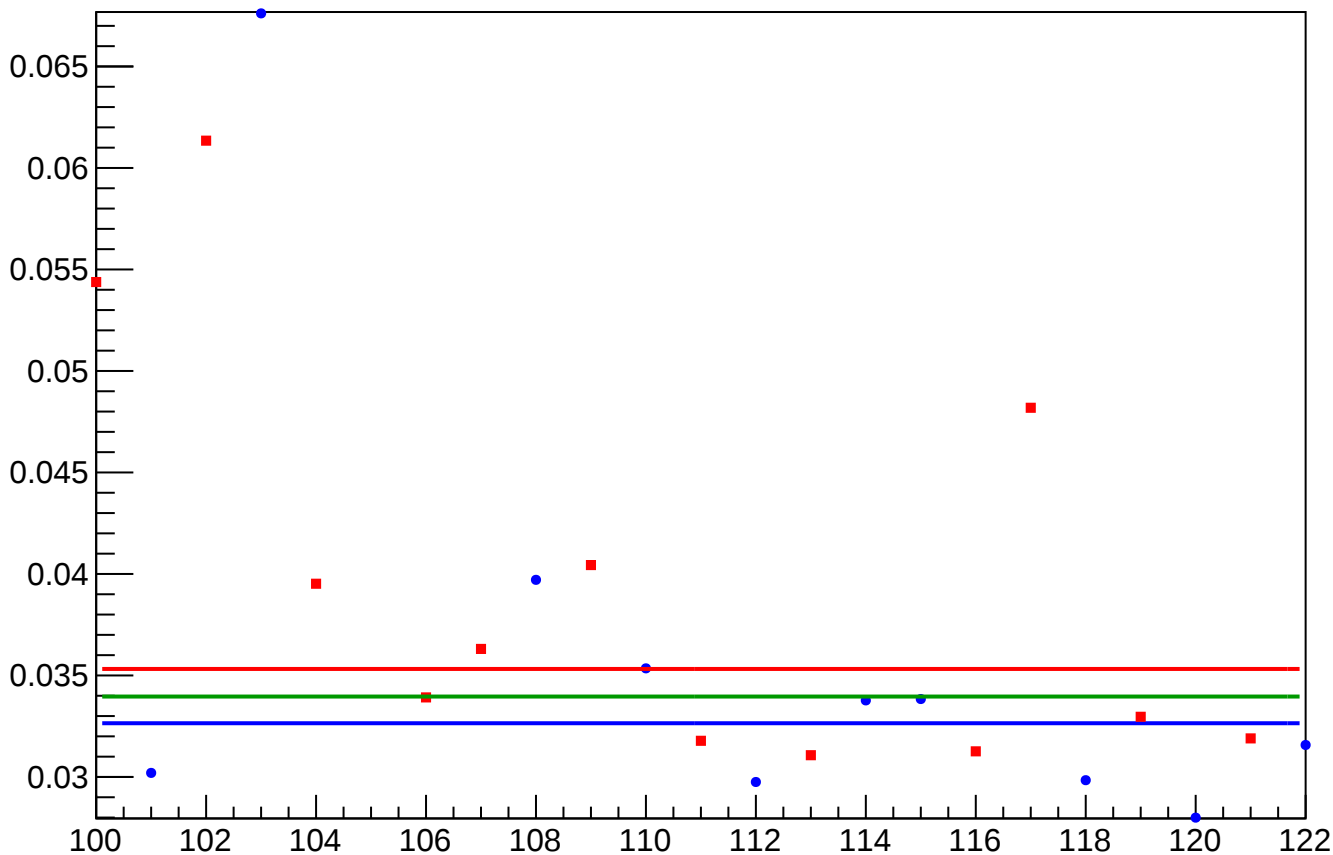
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.853+/-0.000 χ^2/NDF : 6236304.6/9

-0.882+/-0.000 χ^2/NDF : 120134871.2/21

-0.911+/-0.000 χ^2/NDF : 109069237.3/11

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.033 ± 0.000 $\chi^2/\text{NDF}: 335167.3/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.035 ± 0.000 $\chi^2/\text{NDF}: 261691.0/11$

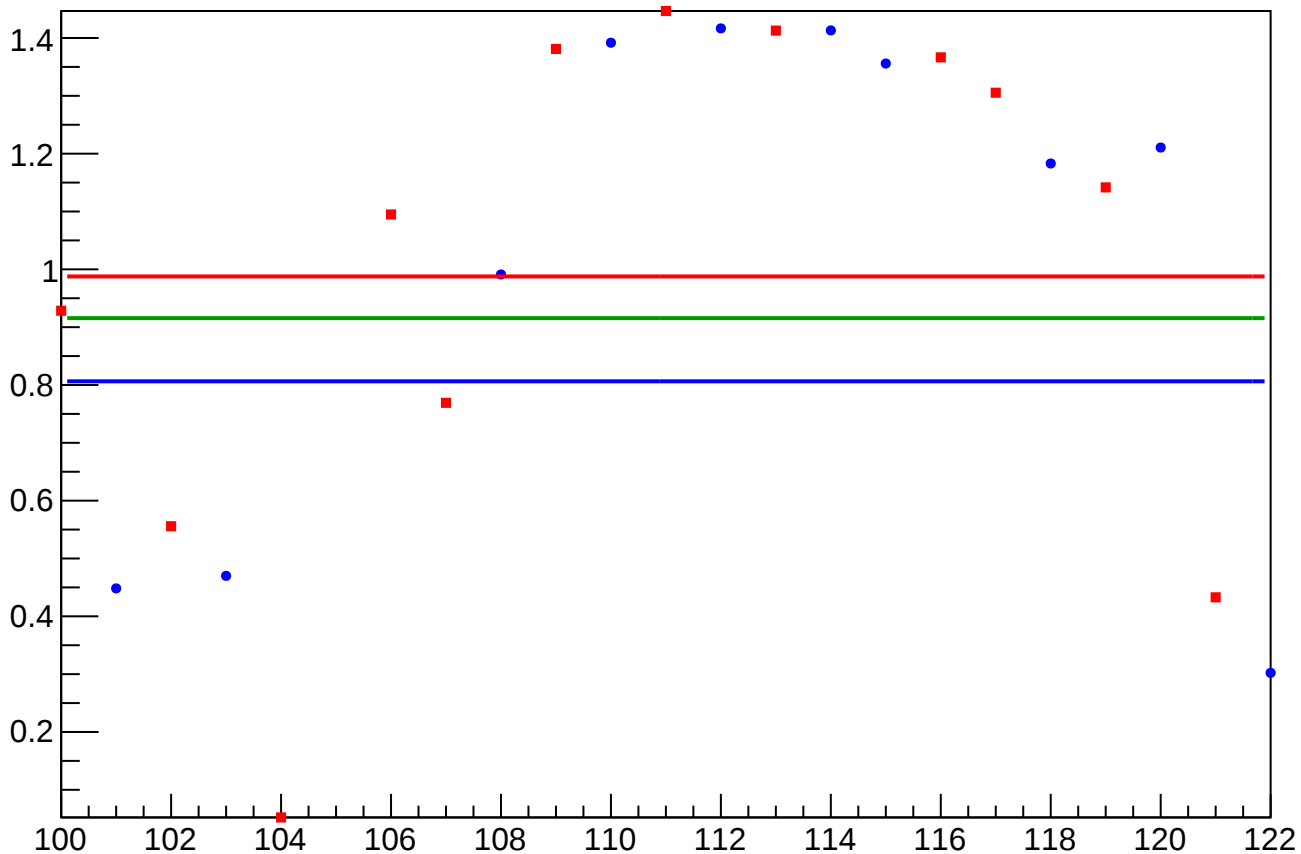
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

0.033 ± 0.000 $\chi^2/\text{NDF}: 335167.3/9$

0.034 ± 0.000 $\chi^2/\text{NDF}: 617978.8/21$

0.035 ± 0.000 $\chi^2/\text{NDF}: 261691.0/11$

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.806+/-0.000 χ^2/NDF : 4189645046.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.988+/-0.000 χ^2/NDF : 7179451973.2/11

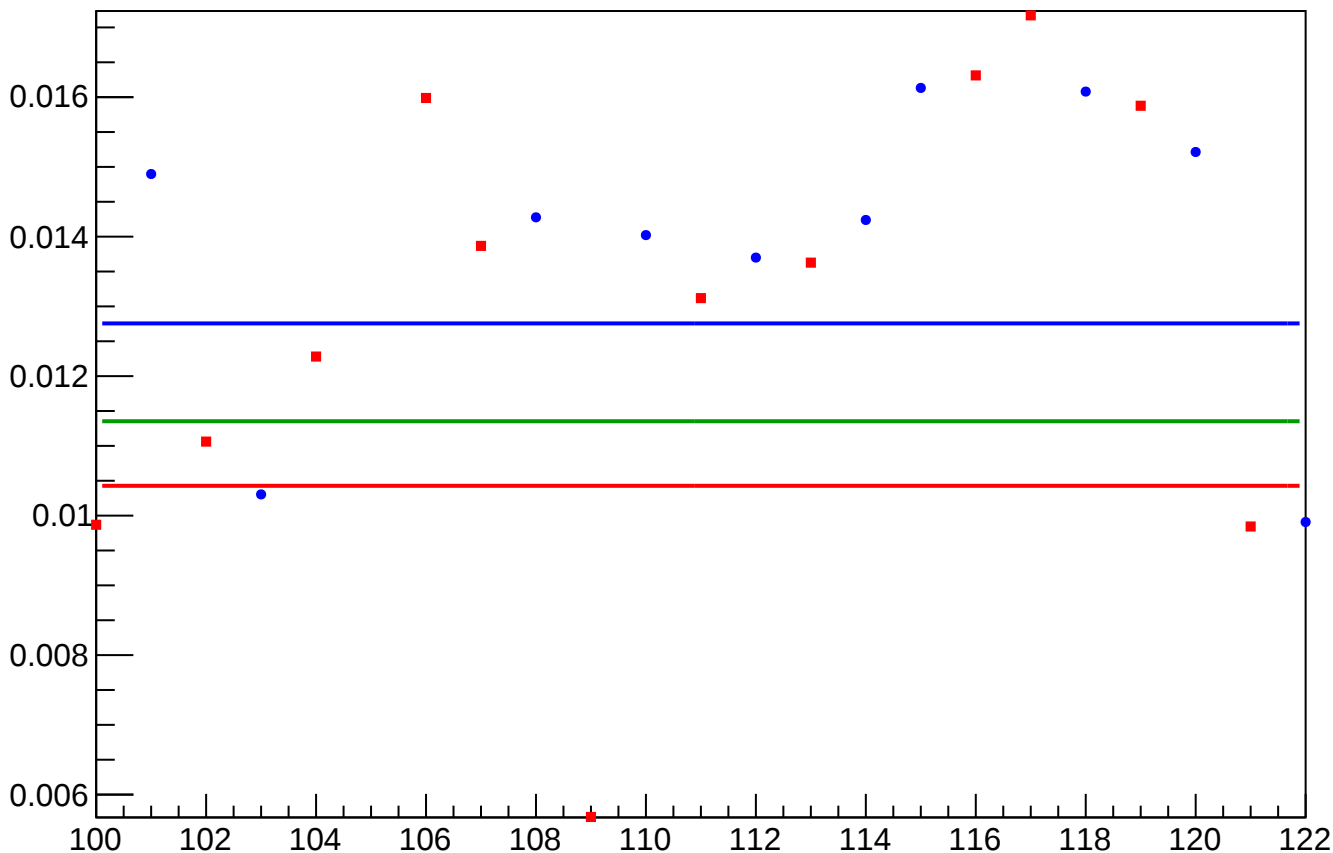
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.806+/-0.000 χ^2/NDF : 4189645046.2/9

0.916+/-0.000 χ^2/NDF : 11778734812.3/2

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 : 229988.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 842538.4/11

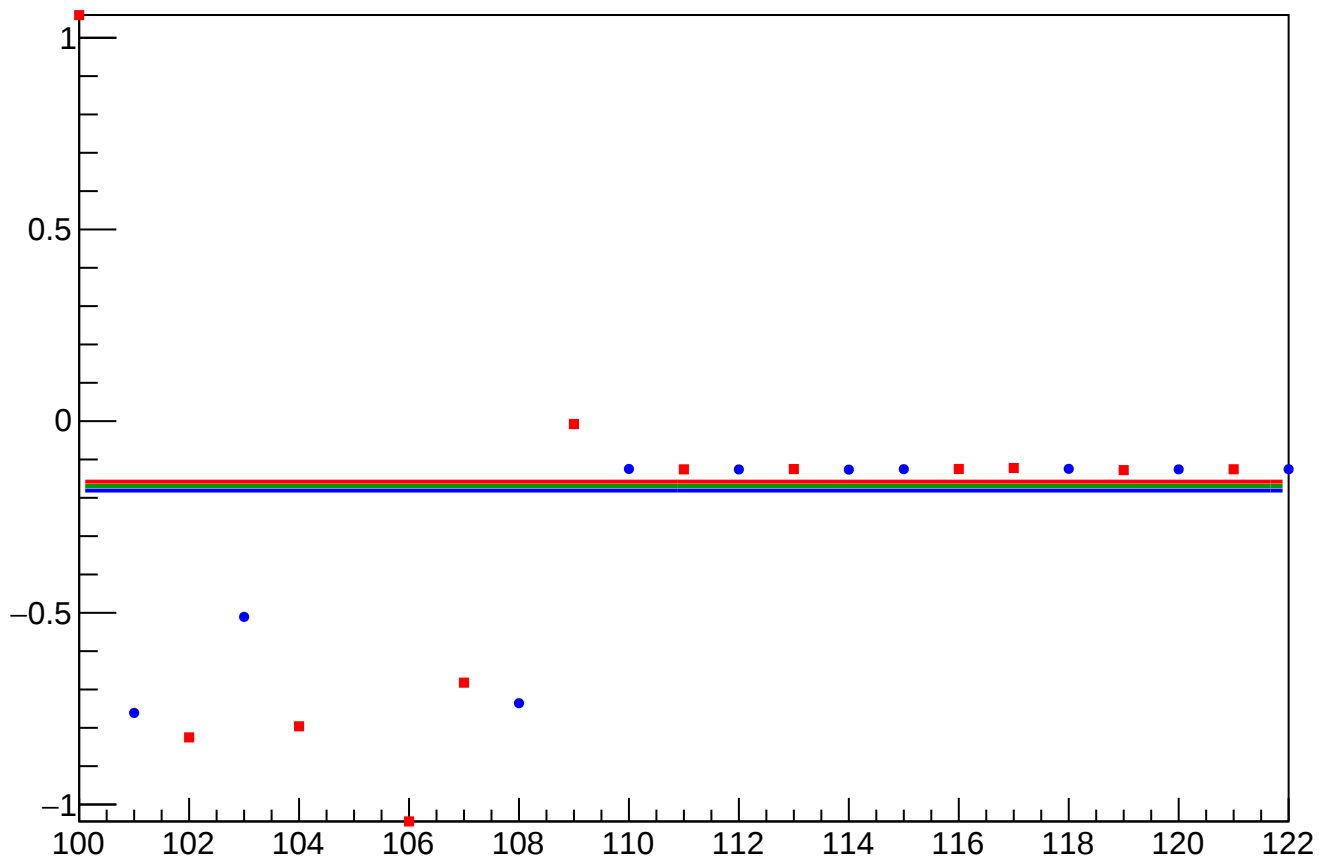
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 229988.2/9

0.011+/-0.000 χ^2/NDF : 1207576.1/21

0.010+/-0.000 χ^2/NDF : 842538.4/11

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.181+/-0.000 χ^2/NDF : 351641706.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.158+/-0.000 χ^2/NDF : 419478385.8/11

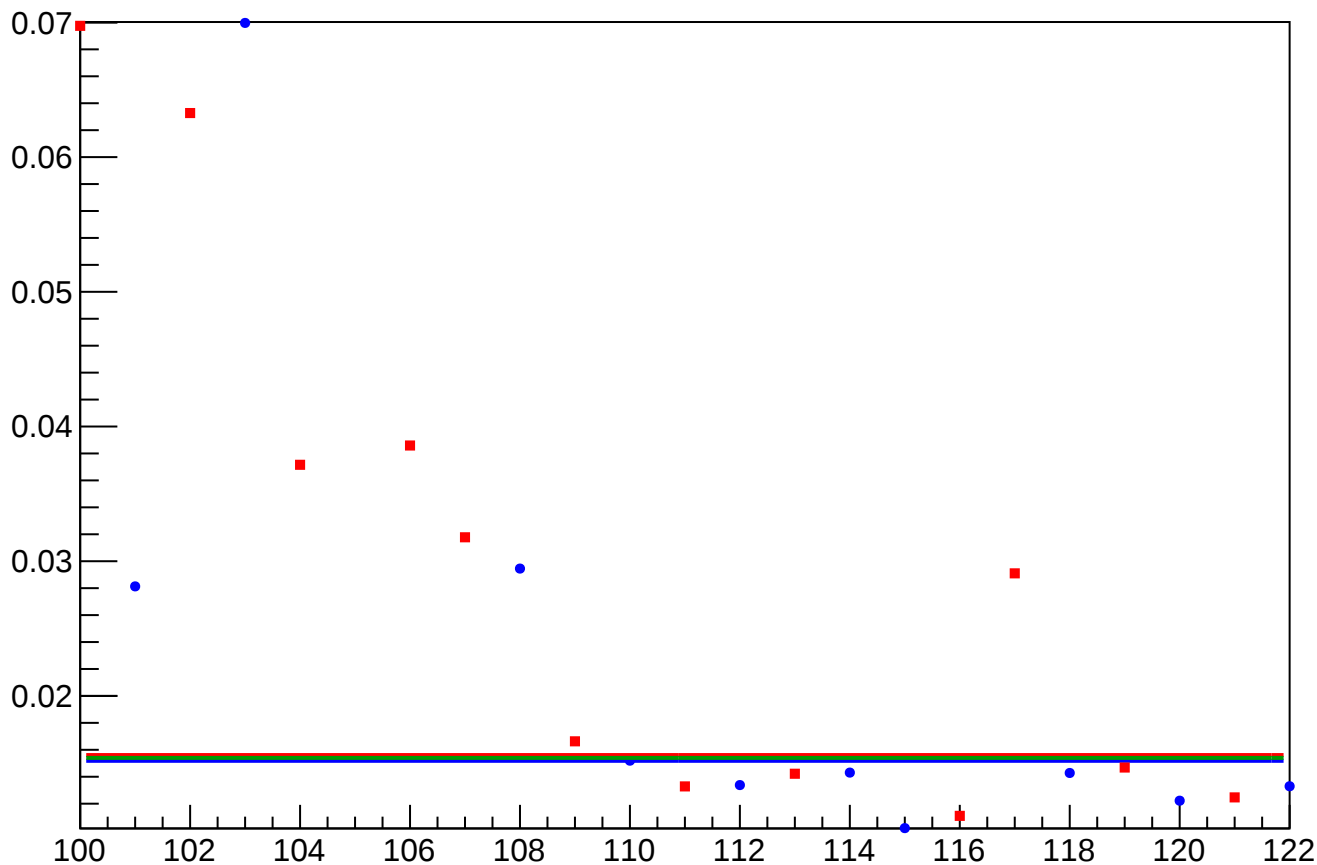
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.181+/-0.000 χ^2/NDF : 351641706.6/9

-0.169+/-0.000 χ^2/NDF : 774219342.9/21

-0.158+/-0.000 χ^2/NDF : 419478385.8/11

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 1111682.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 1330590.7/11

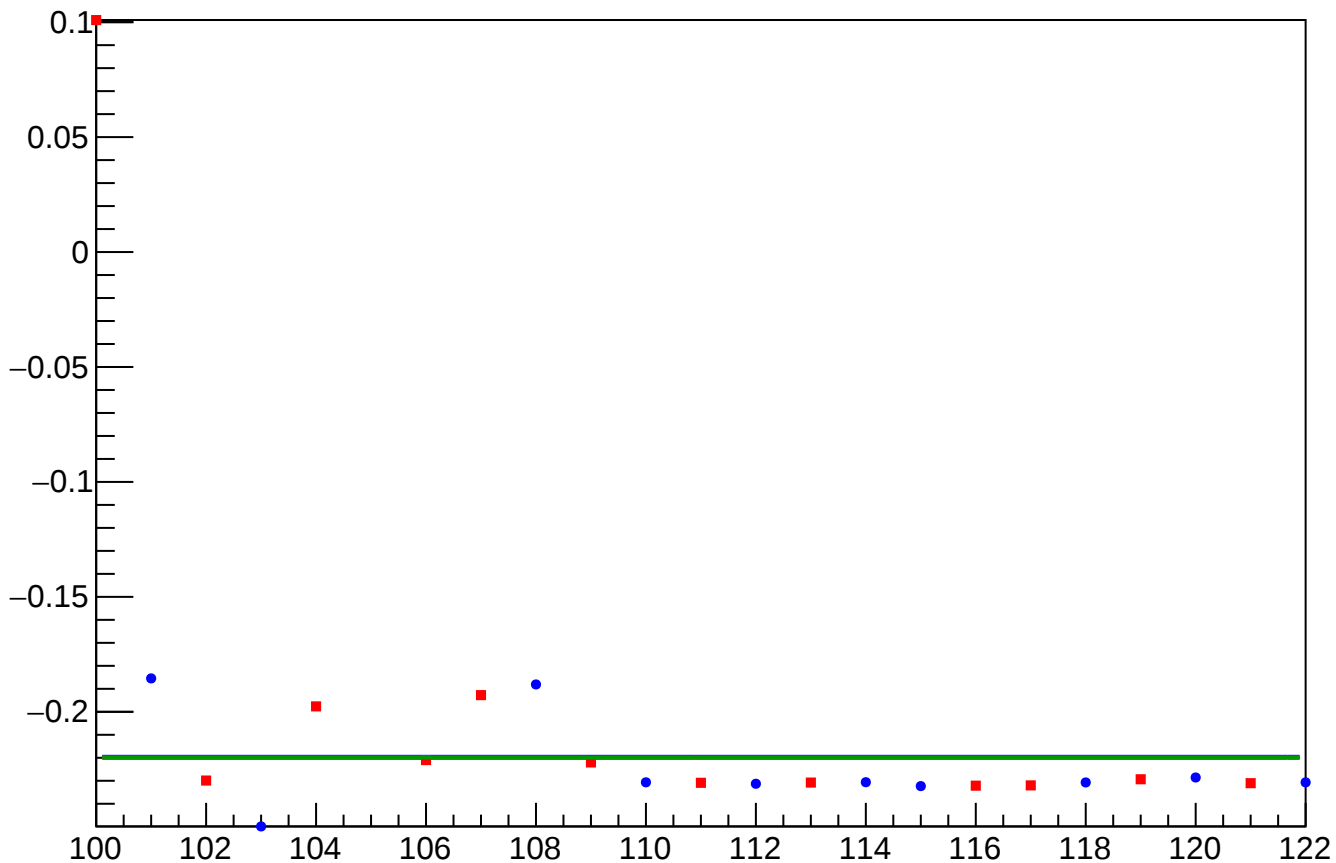
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 1111682.8/9

0.015+/-0.000 χ^2/NDF : 2444385.8/21

0.016+/-0.000 χ^2/NDF : 1330590.7/11

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.220+/-0.000 χ^2/NDF : 67908198.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.220+/-0.000 χ^2/NDF : 162614920.4/11

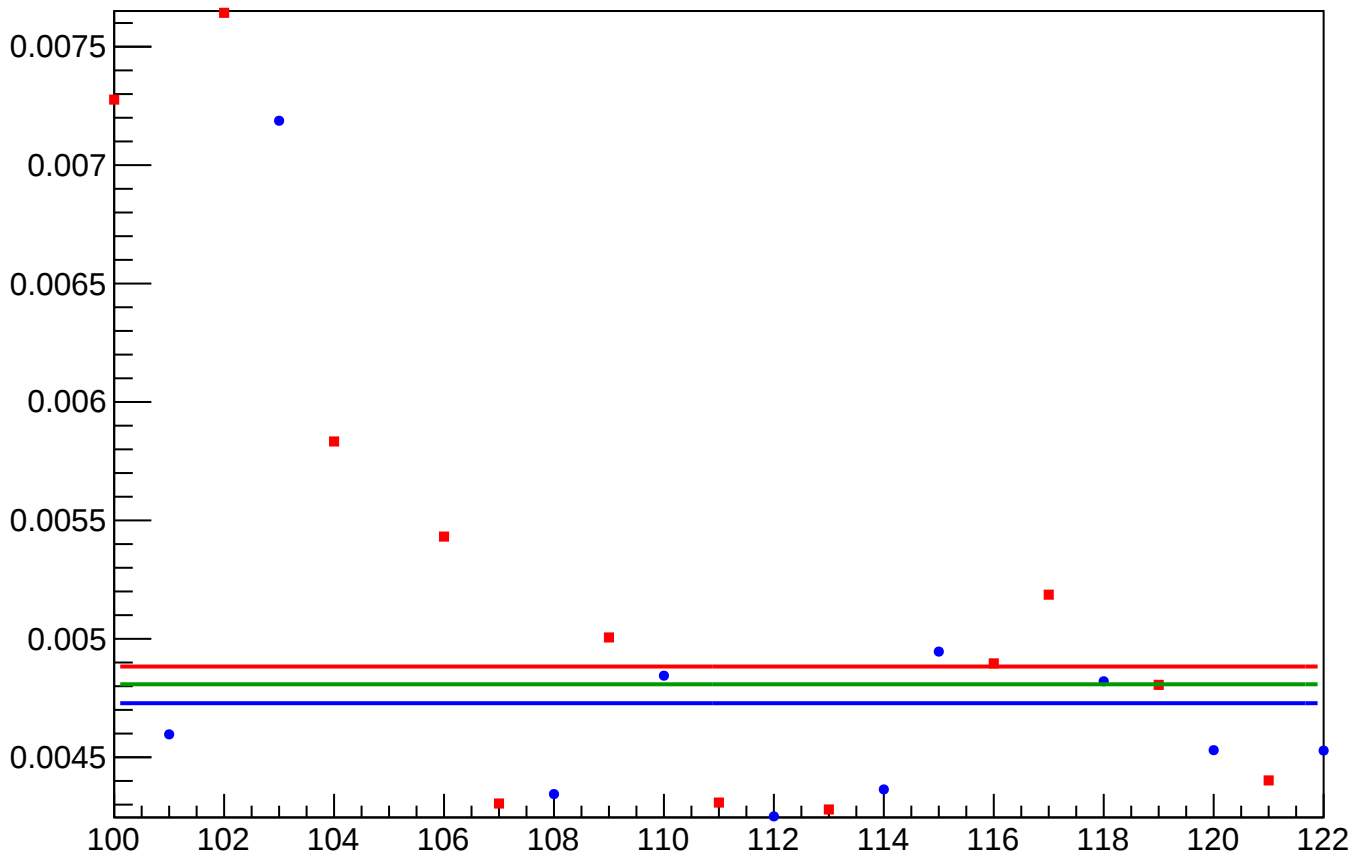
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.220+/-0.000 χ^2/NDF : 67908198.8/9

-0.220+/-0.000 χ^2/NDF : 230538620.9/21

-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 : 145630.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 226191.8/11

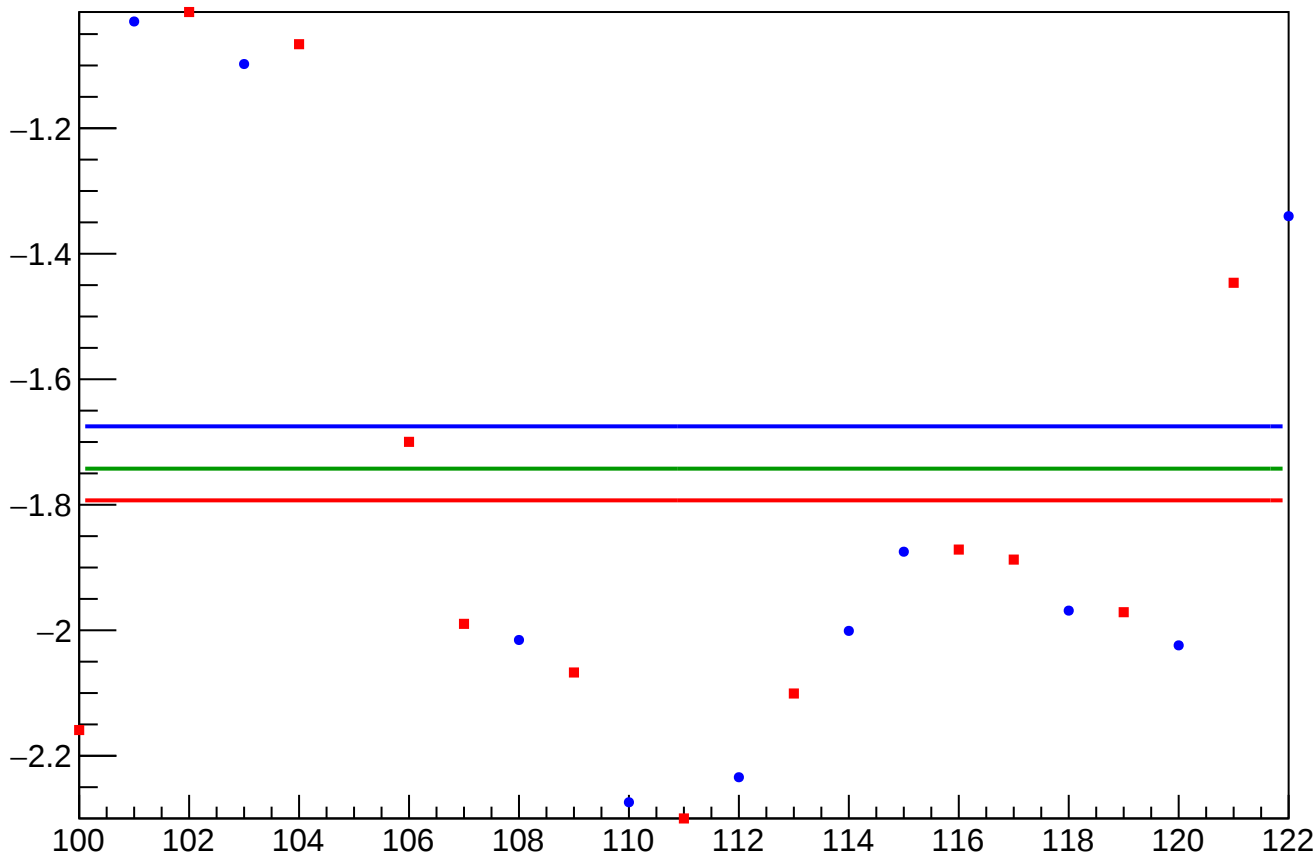
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 145630.9/9

0.005+/-0.000 χ^2/NDF : 375564.9/21

0.005+/-0.000 χ^2/NDF : 226191.8/11

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.675+/-0.000 χ^2/NDF : 16918830169.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.793+/-0.000 χ^2/NDF : 18426989689.5/11

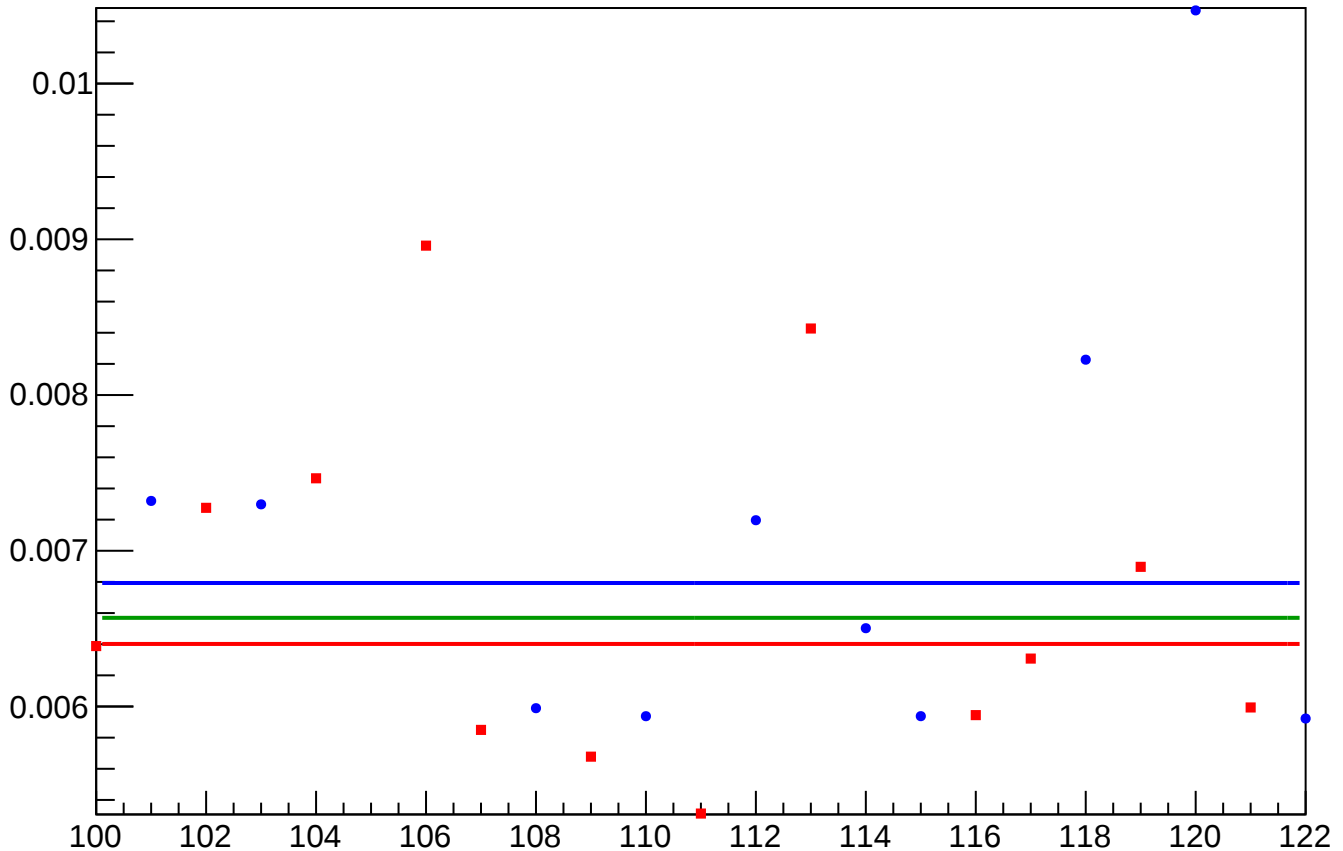
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.675+/-0.000 χ^2/NDF : 16918830169.6/9

-1.742+/-0.000 χ^2/NDF : 35918071895.3/11

-1.793+/-0.000 χ^2/NDF : 18426989689.5/11

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.000 χ^2/NDF : 140892.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.006 $\pm$ 0.000 χ^2/NDF : 181106.1/11

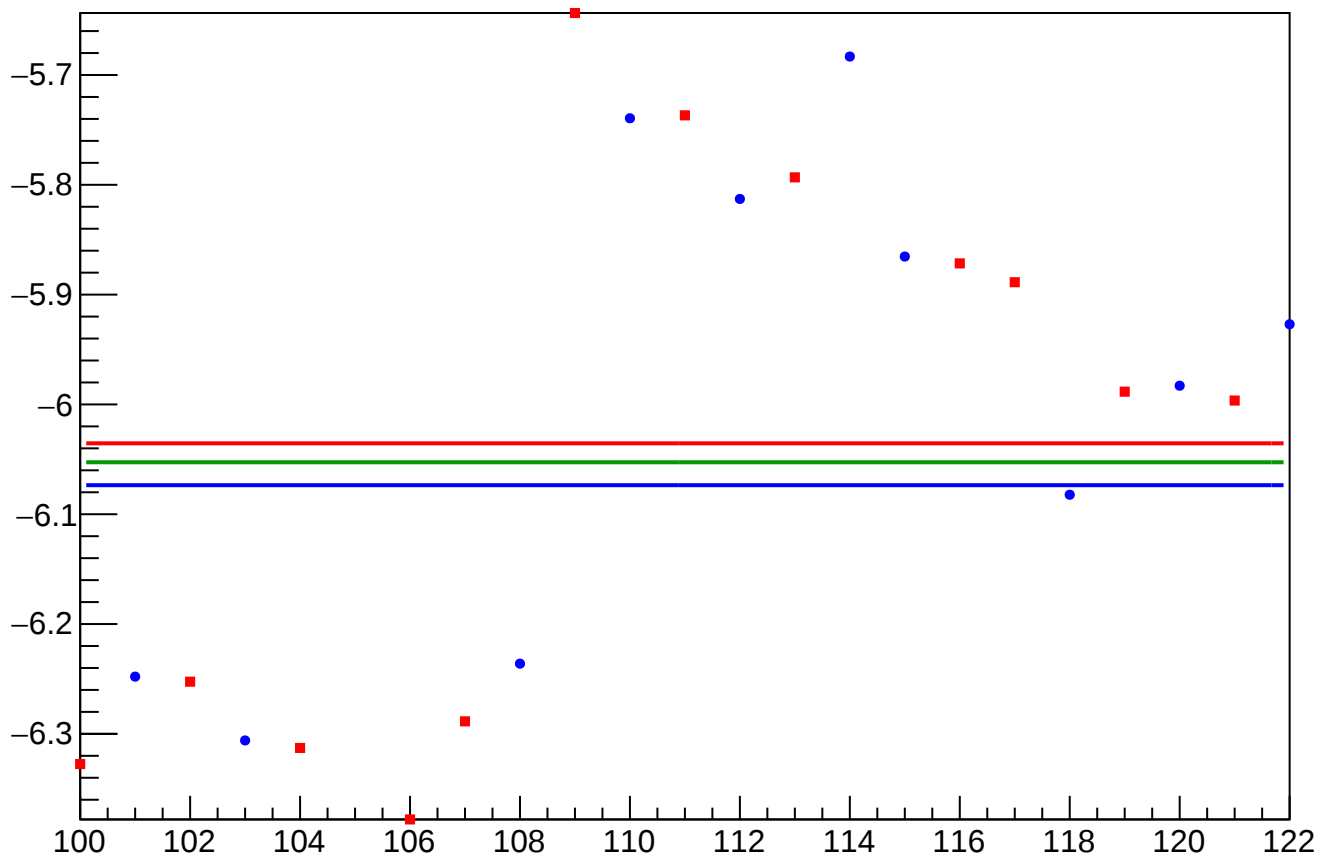
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.007 $\pm$ 0.000 χ^2/NDF : 140892.9/9

0.007 $\pm$ 0.000 χ^2/NDF : 334608.9/21

0.006 $\pm$ 0.000 χ^2/NDF : 181106.1/11

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -6.074+/-0.000 χ^2/NDF : 4729567393.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.035+/-0.000 χ^2/NDF : 8163247846.9/11

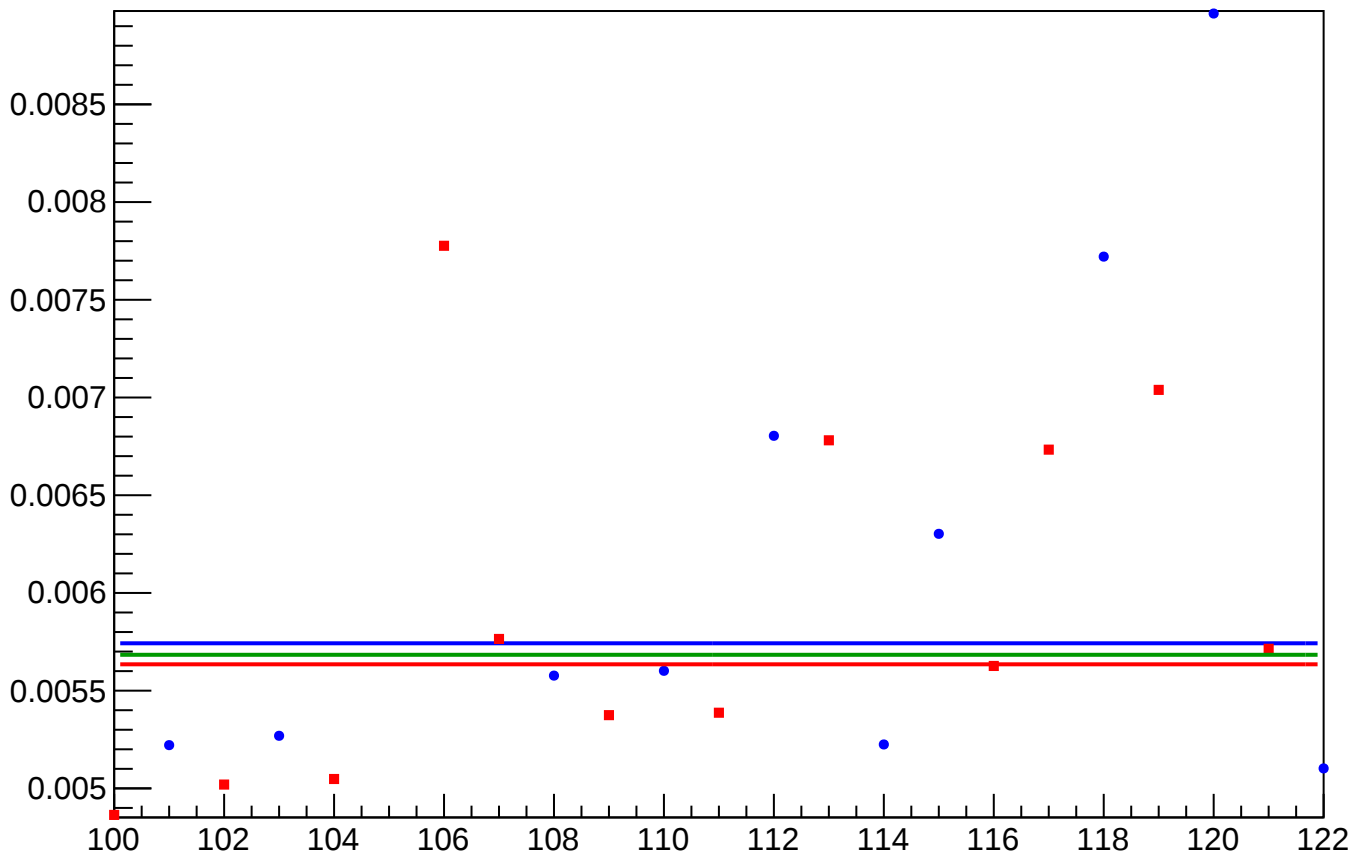
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.074+/-0.000 χ^2/NDF : 4729567393.3/9

-6.053+/-0.000 χ^2/NDF : 12973232401.8/9

-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 : 172274.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 131246.2/11

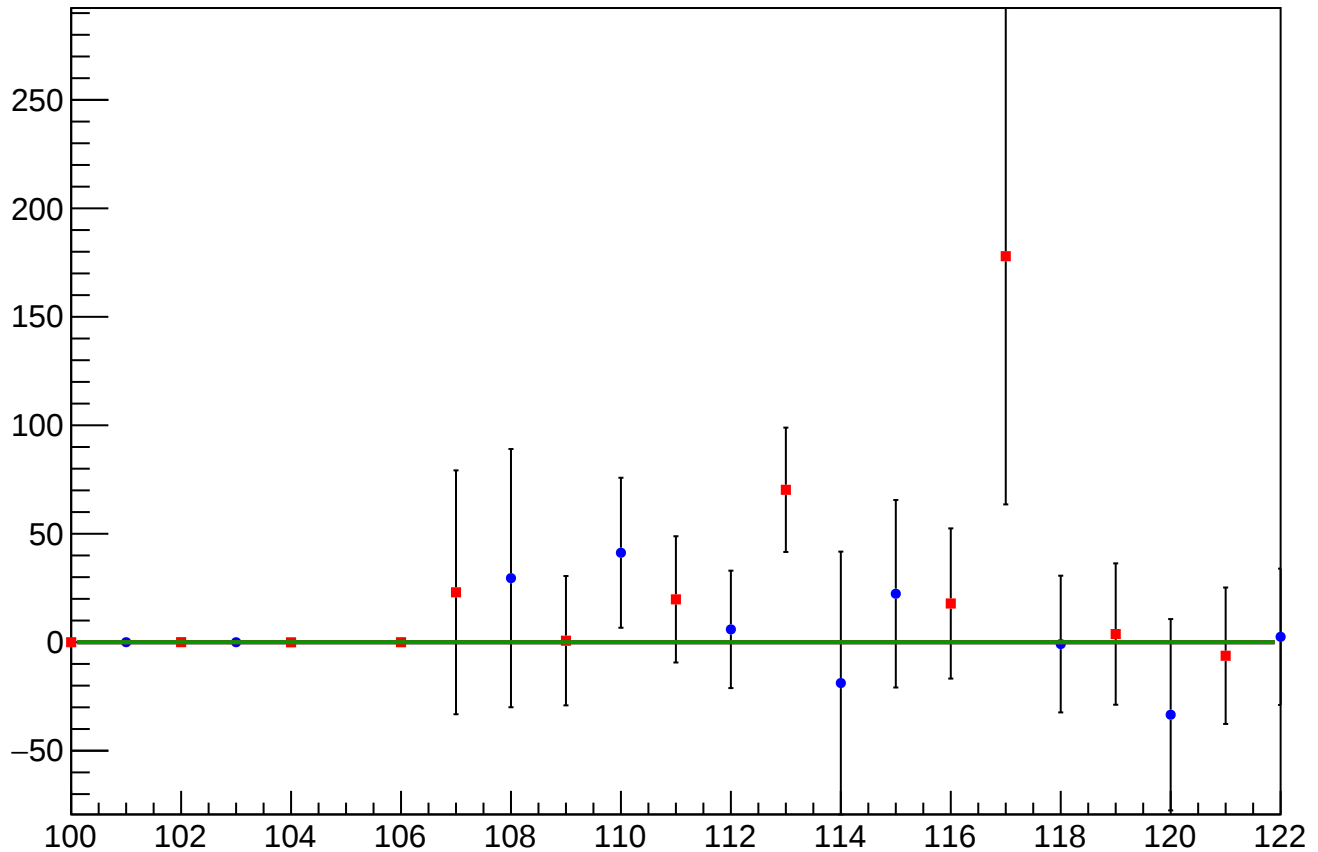
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 172274.8/9

0.006+/-0.000 χ^2/NDF : 304800.7/21

0.006+/-0.000 χ^2/NDF : 131246.2/11

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.017 χ^2/NDF : 2.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.016 χ^2/NDF : 14.2/11

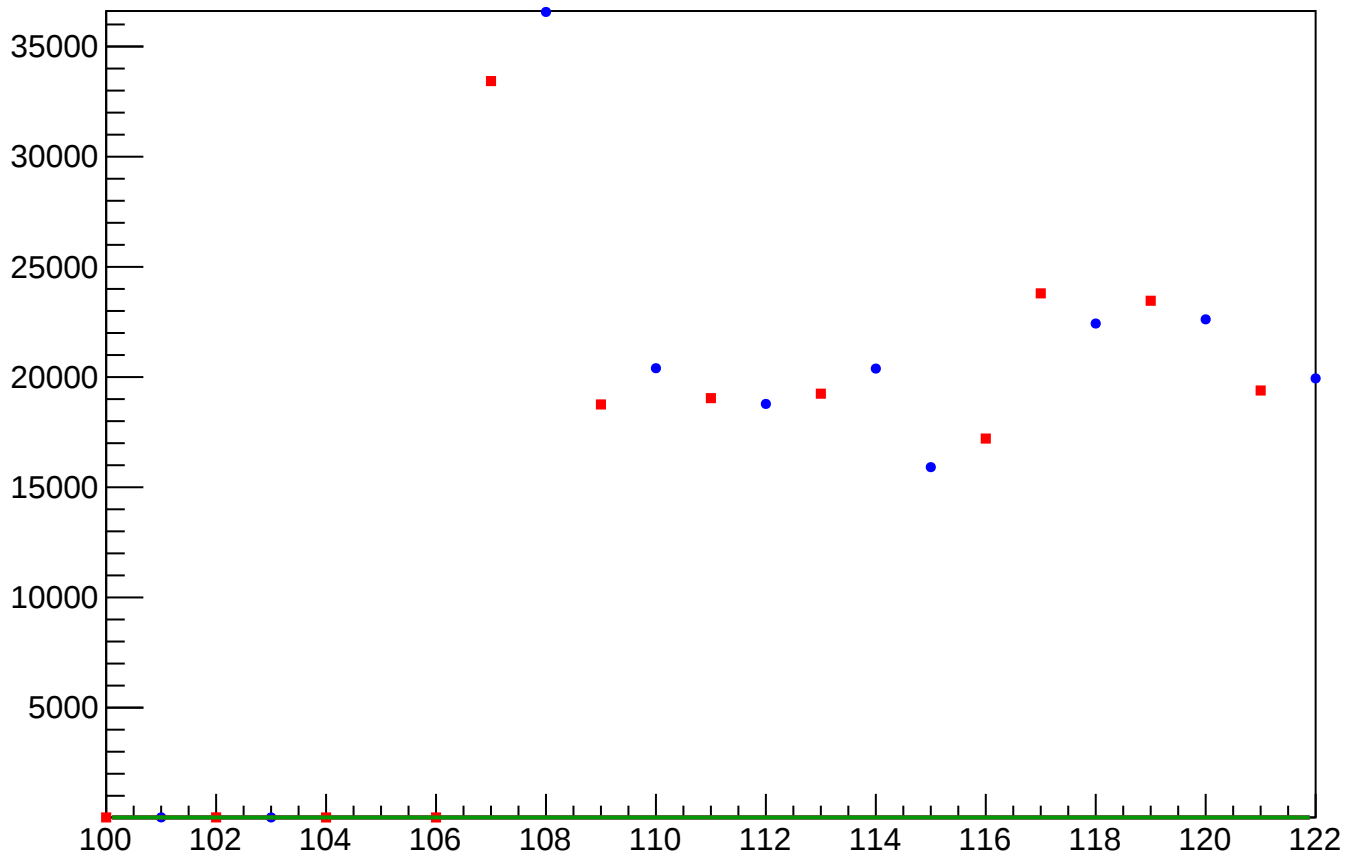
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.017 χ^2/NDF : 2.8/9

0.004+/-0.012 χ^2/NDF : 17.5/21

-0.003+/-0.016 χ^2/NDF : 14.2/11

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 18.597+/-0.012 χ^2 /NDF: 5260149.8/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 18.277+/-0.011 χ^2 /NDF: 5639059.3/11

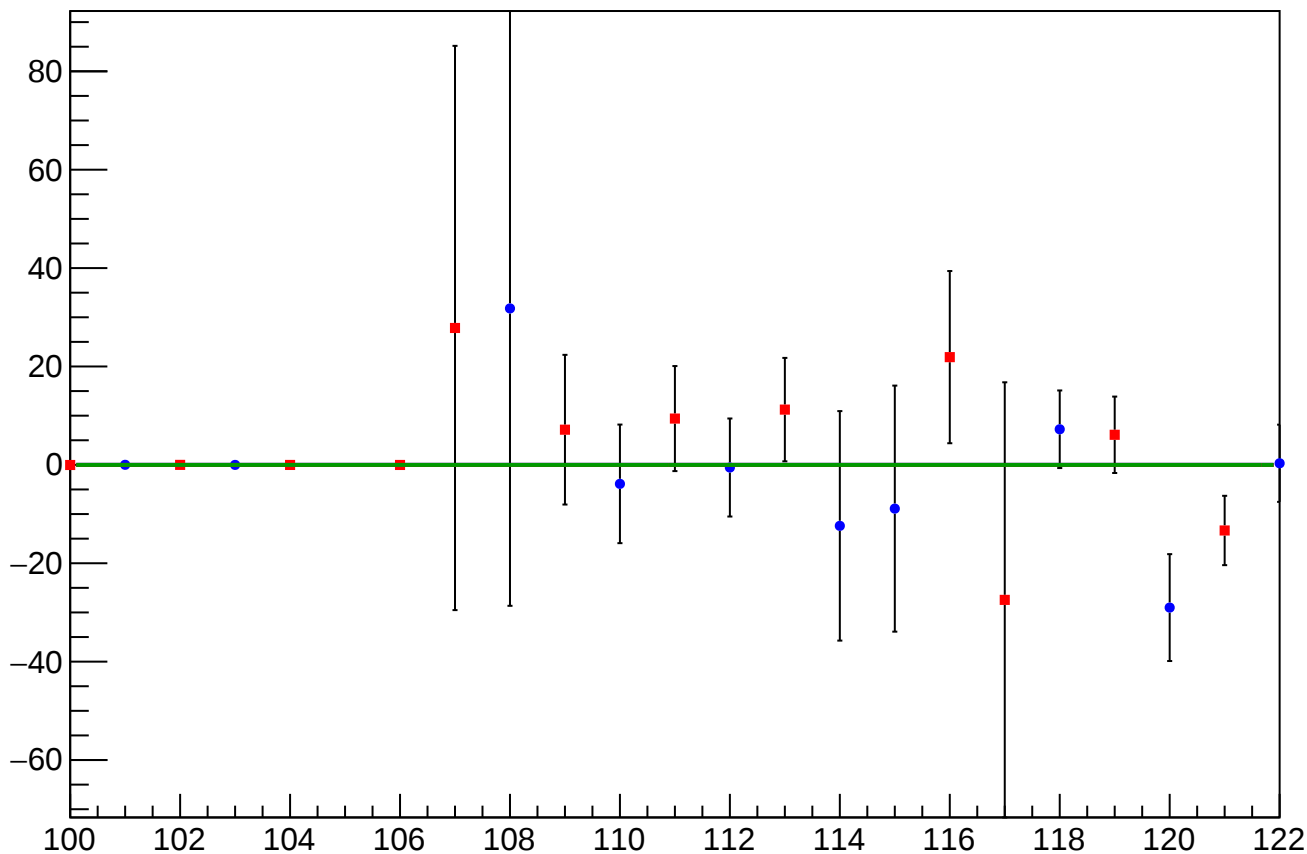
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

18.597+/-0.012 χ^2 /NDF: 5260149.8/9

18.425+/-0.008 χ^2 /NDF: 10899575.0/21

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 : 9.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.009 χ^2/NDF : 9.2/11

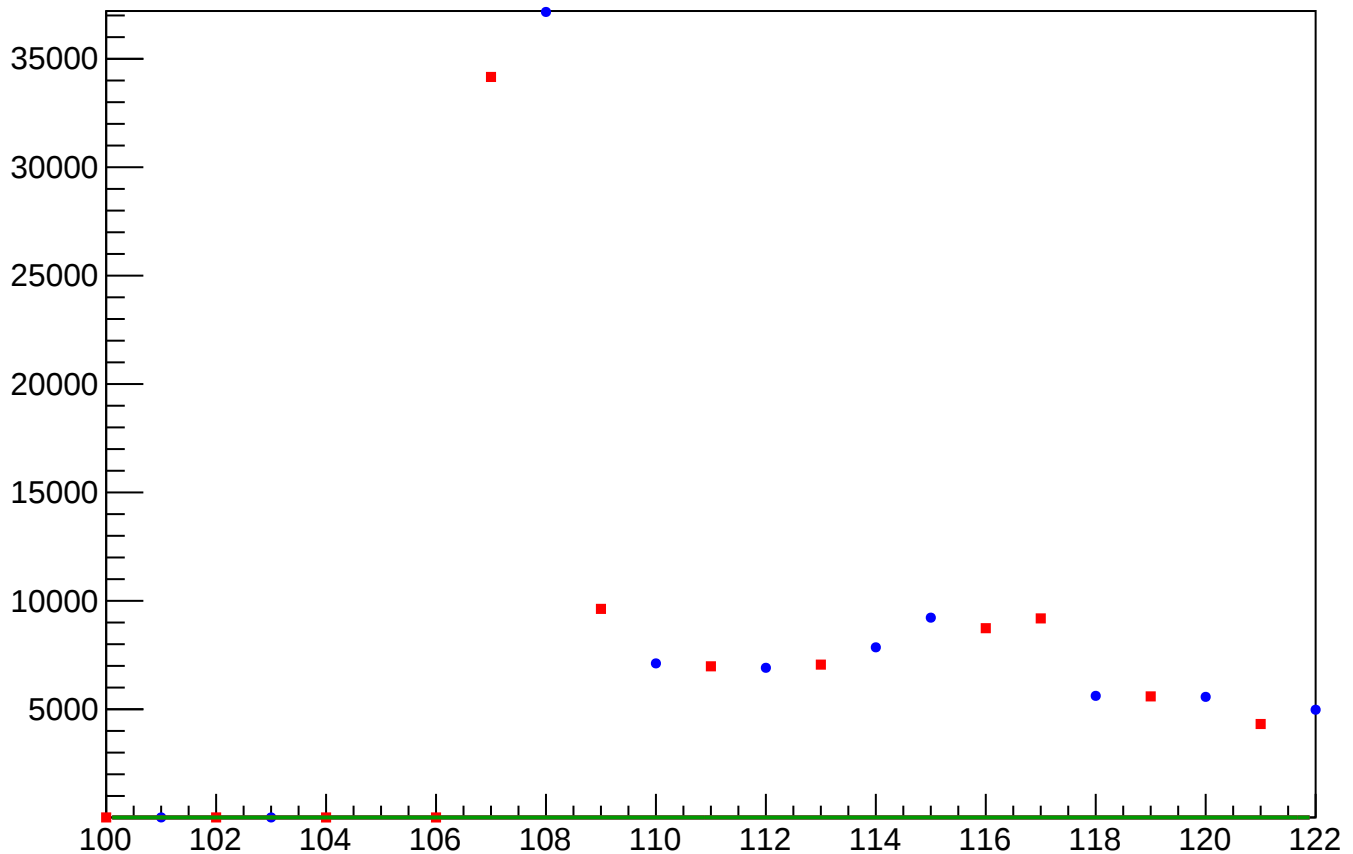
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.001+/-0.009 χ^2/NDF : 9.9/9

-0.007+/-0.006 χ^2/NDF : 20.5/21

-0.014+/-0.009 χ^2/NDF : 9.2/11

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 9.887 $\pm$ 0.007 χ^2 /NDF: 5256247.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.810 $\pm$ 0.006 χ^2 /NDF: 5639806.2/11

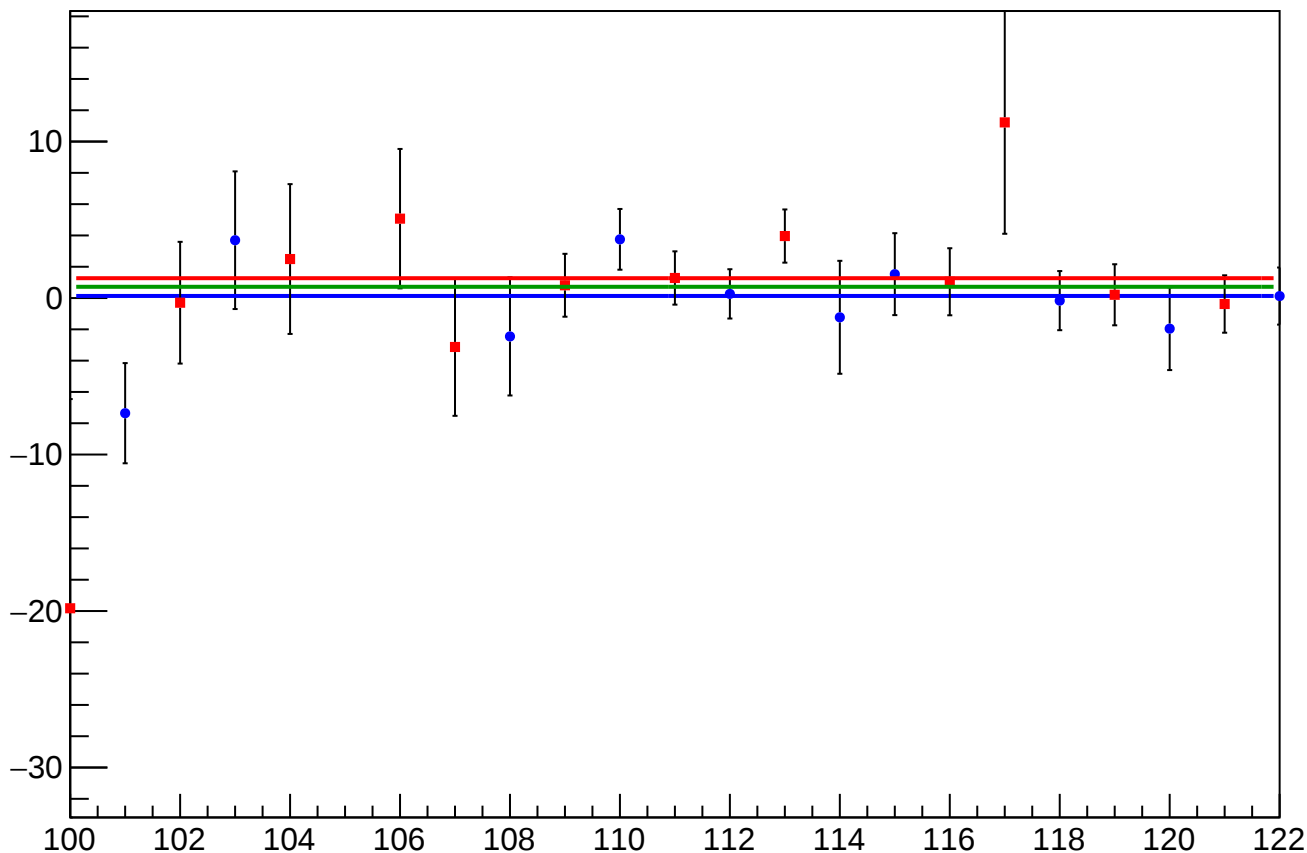
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

9.887 $\pm$ 0.007 χ^2 /NDF: 5256247.6/9

9.846 $\pm$ 0.004 χ^2 /NDF: 10896128.4/21

9.810 $\pm$ 0.006 χ^2 /NDF: 5639806.2/11

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: 0.134 $\pm$ 0.738 χ^2 /NDF: 11.2/9

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

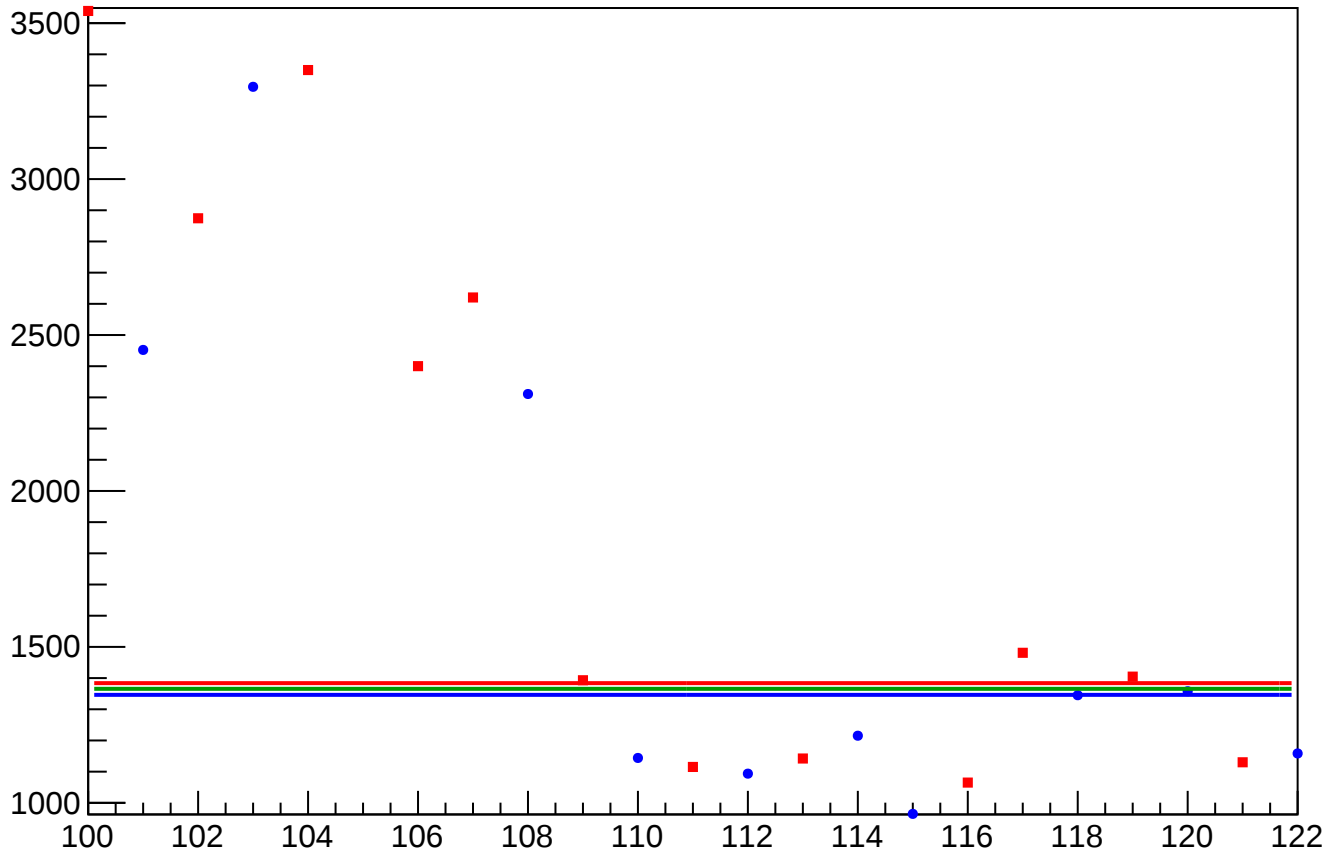
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.134 $\pm$ 0.738 χ^2 /NDF: 11.2/9

0.719 $\pm$ 0.514 χ^2 /NDF: 22.5/21

1.268 $\pm$ 0.715 χ^2 /NDF: 10.1/11

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 1346.272+/-0.522 χ^2/NDF : 901909.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1383.798+/-0.506 χ^2/NDF : 1118654.9/11

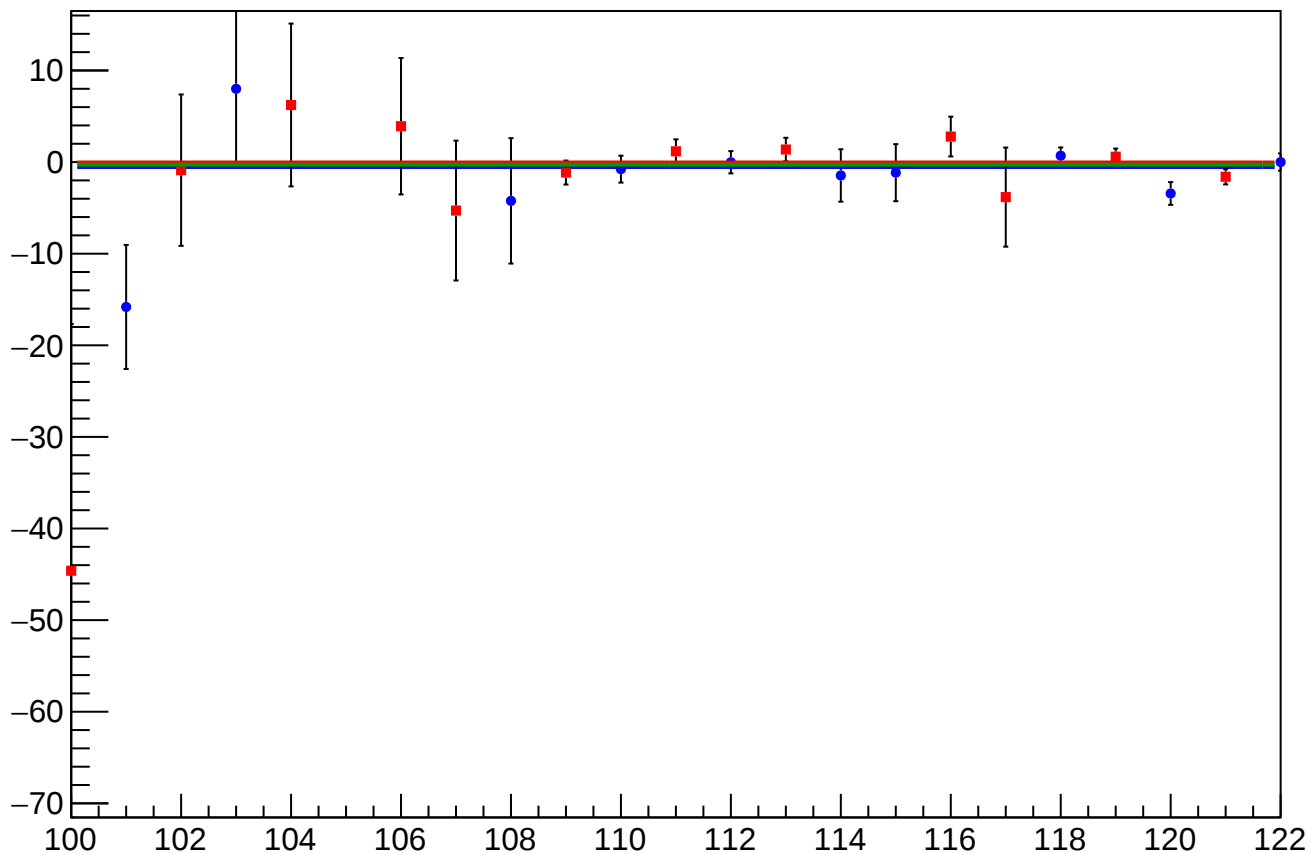
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1346.272+/-0.522 χ^2/NDF : 901909.4/9

1365.629+/-0.363 χ^2/NDF : 2023228.5/21

1383.798+/-0.506 χ^2/NDF : 1118654.9/11

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.533+/-0.476 χ^2/NDF : 14.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.048+/-0.457 χ^2/NDF : 12.9/11

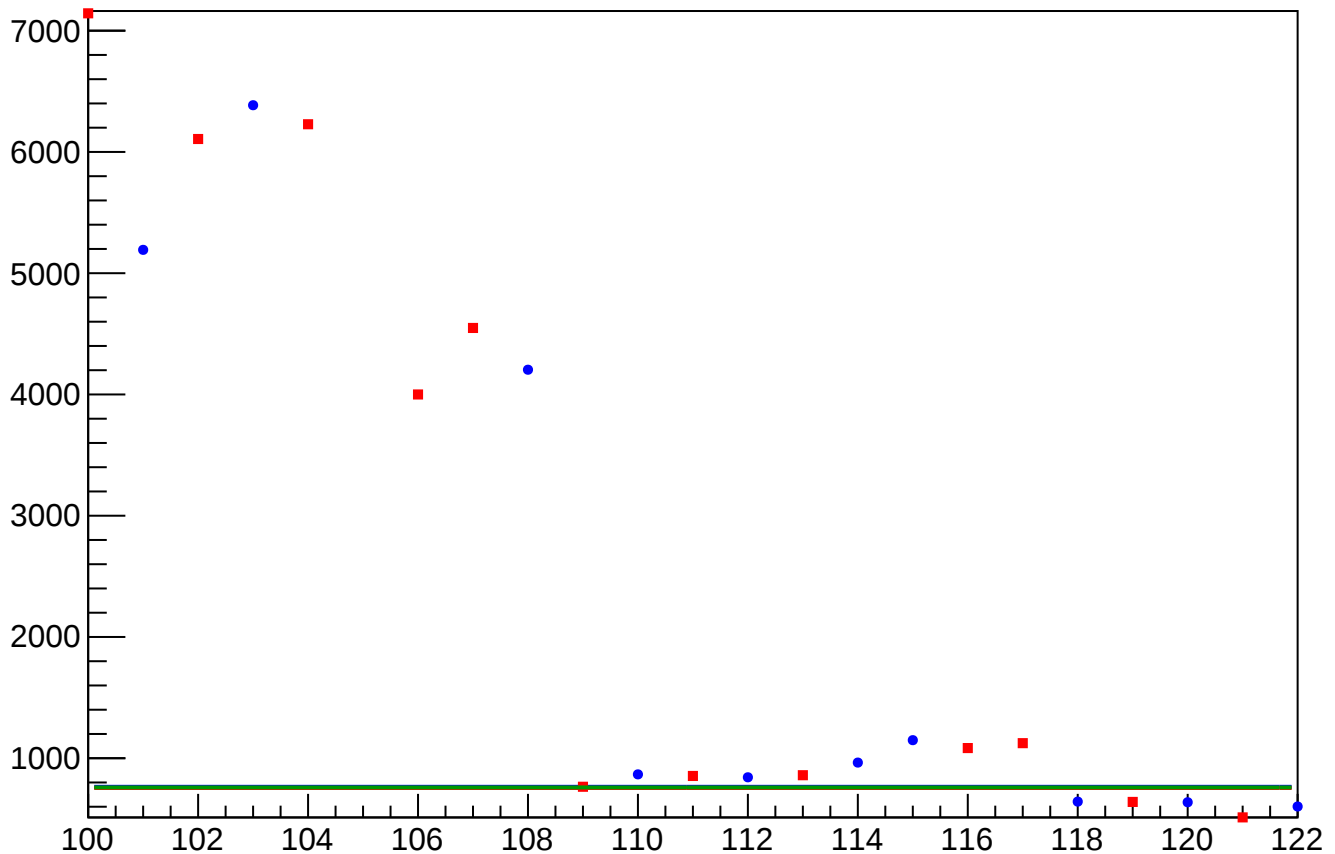
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.533+/-0.476 χ^2/NDF : 14.4/9

-0.280+/-0.330 χ^2/NDF : 27.8/21

-0.048+/-0.457 χ^2/NDF : 12.9/11

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 764.169+/-0.337 χ^2/NDF : 2410244.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 754.645+/-0.323 χ^2/NDF : 2865863.1/11

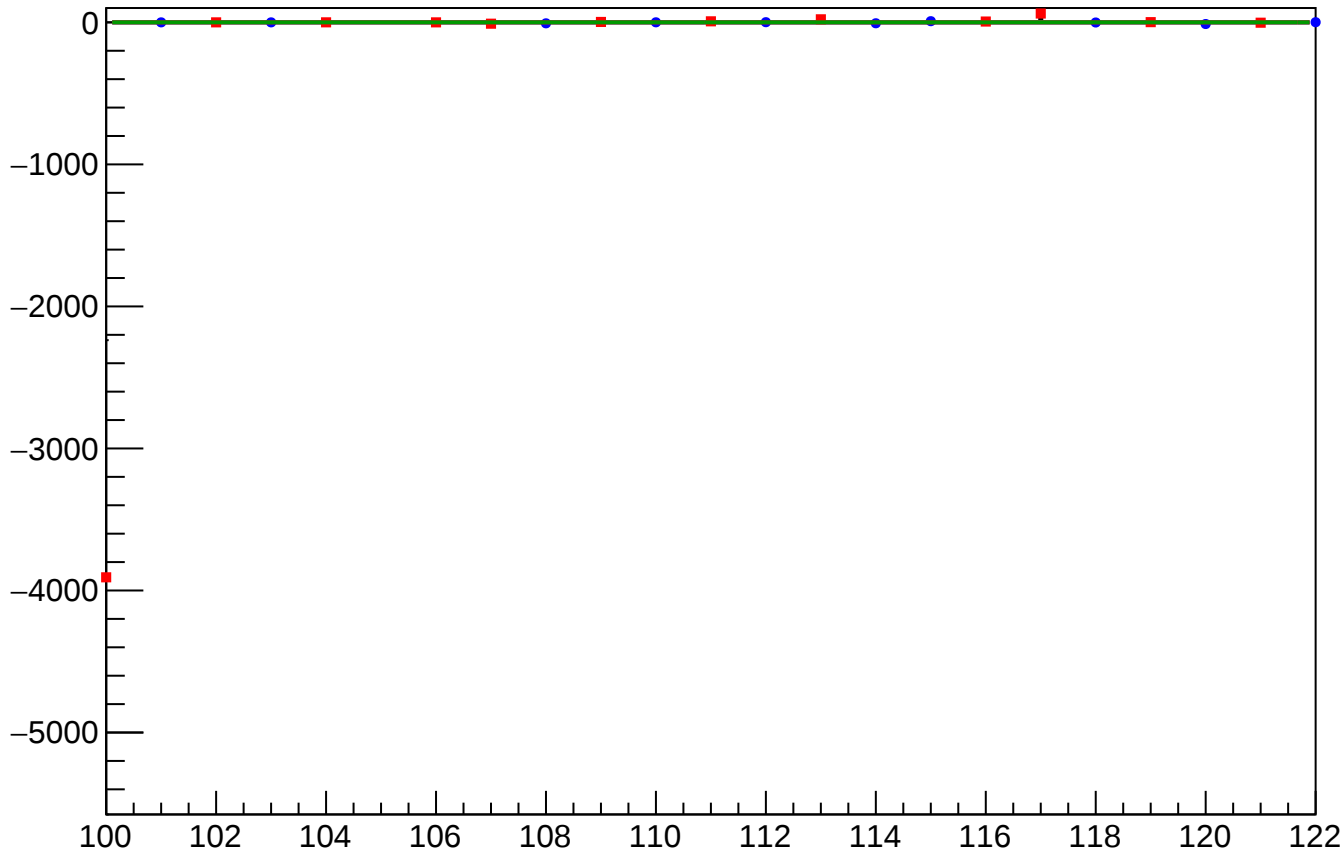
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

764.169+/-0.337 χ^2/NDF : 2410244.6/9

759.216+/-0.233 χ^2/NDF : 5276524.1/21

754.645+/-0.323 χ^2/NDF : 2865863.1/11

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.021 χ^2/NDF : 2.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.027+/-0.020 χ^2/NDF : 16.1/11

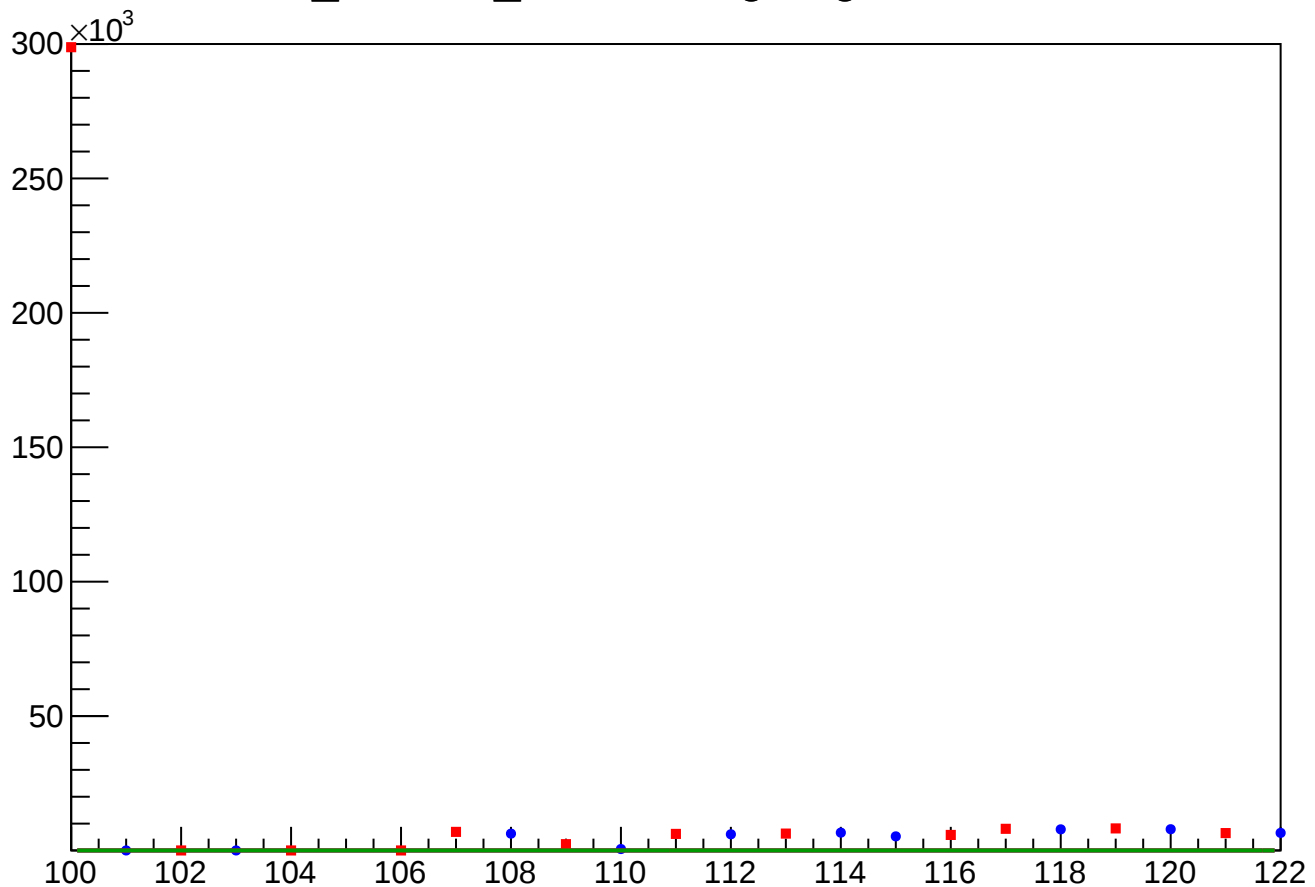
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.021+/-0.021 χ^2/NDF : 2.1/9

0.004+/-0.014 χ^2/NDF : 20.9/21

0.027+/-0.020 χ^2/NDF : 16.1/11

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 17.148 $\pm$ 0.015 χ^2 /NDF: 4783720.8/9

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

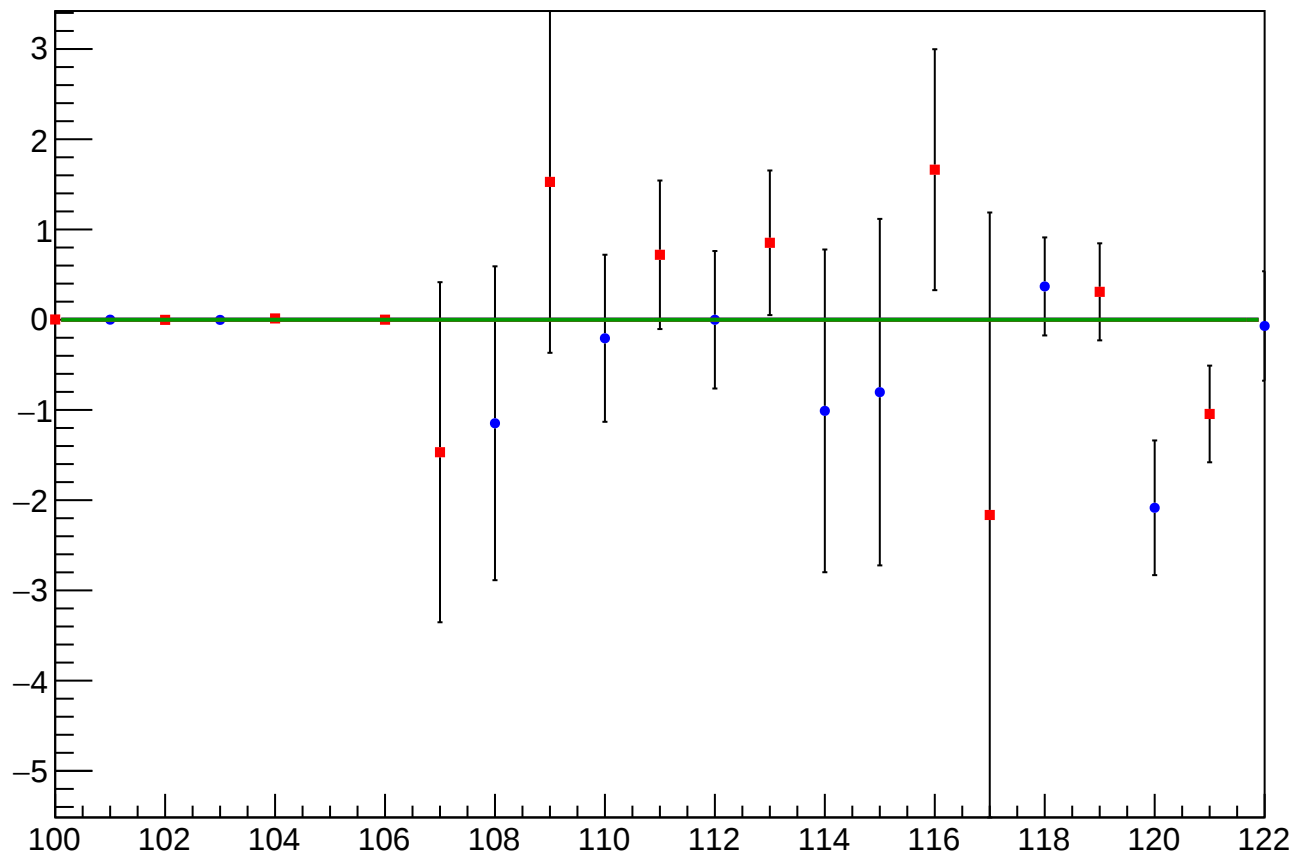
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.148 $\pm$ 0.015 χ^2 /NDF: 4783720.8/9

17.130 $\pm$ 0.010 χ^2 /NDF: 10146619.2/21

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: 9.4/9

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

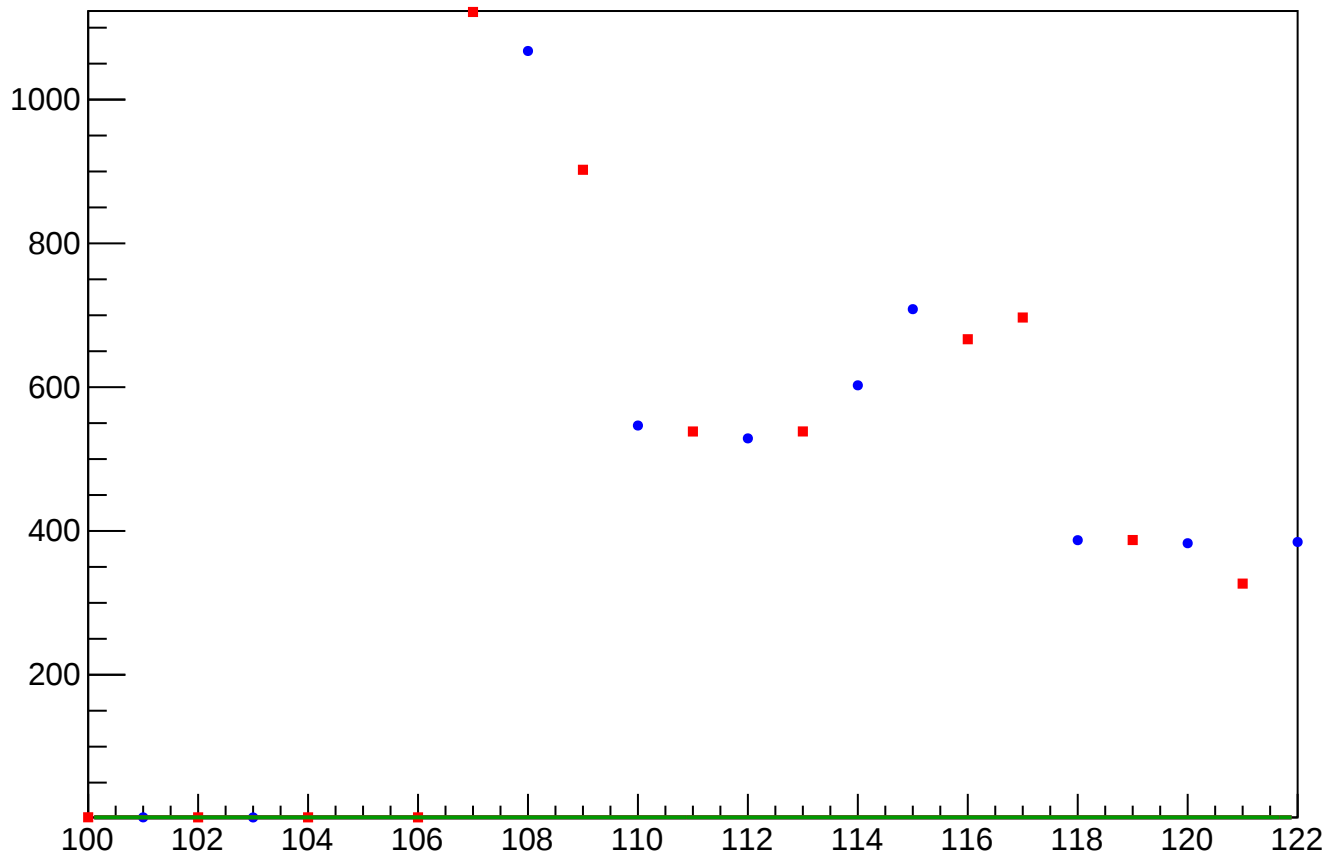
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.000 $\pm$ 0.002 χ^2 /NDF: 9.4/9

-0.000 $\pm$ 0.001 χ^2 /NDF: 19.8/21

-0.001 $\pm$ 0.002 χ^2 /NDF: 10.2/11

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 1.666 $\pm$ 0.001 χ^2 /NDF: 5226440.2/9

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

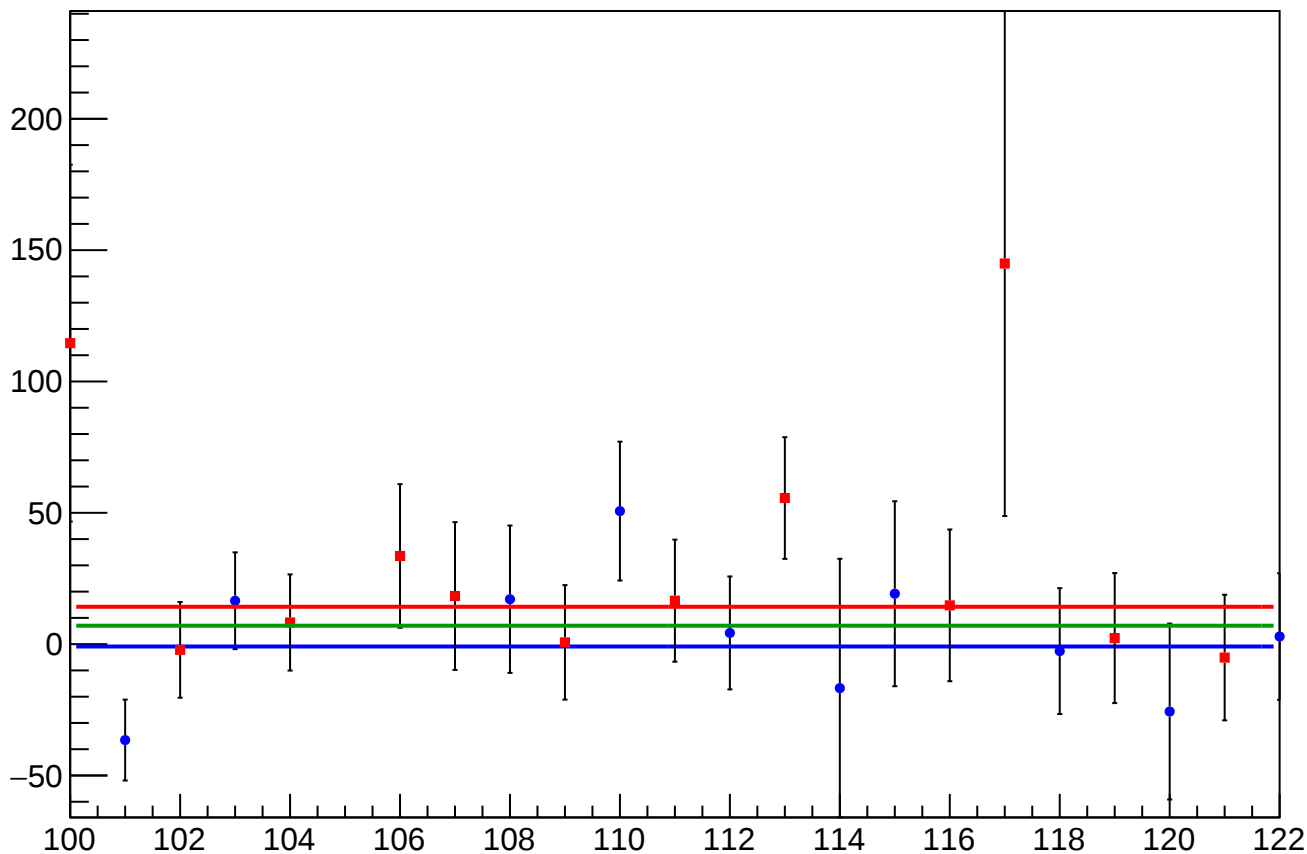
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.666 $\pm$ 0.001 χ^2 /NDF: 5226440.2/9

1.683 $\pm$ 0.001 χ^2 /NDF: 10480844.9/21

1.699 $\pm$ 0.001 χ^2 /NDF: 5254138.6/11

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.890 ± 7.539 χ^2/NDF : 11.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 14.236 ± 7.195 χ^2/NDF : 9.9/11

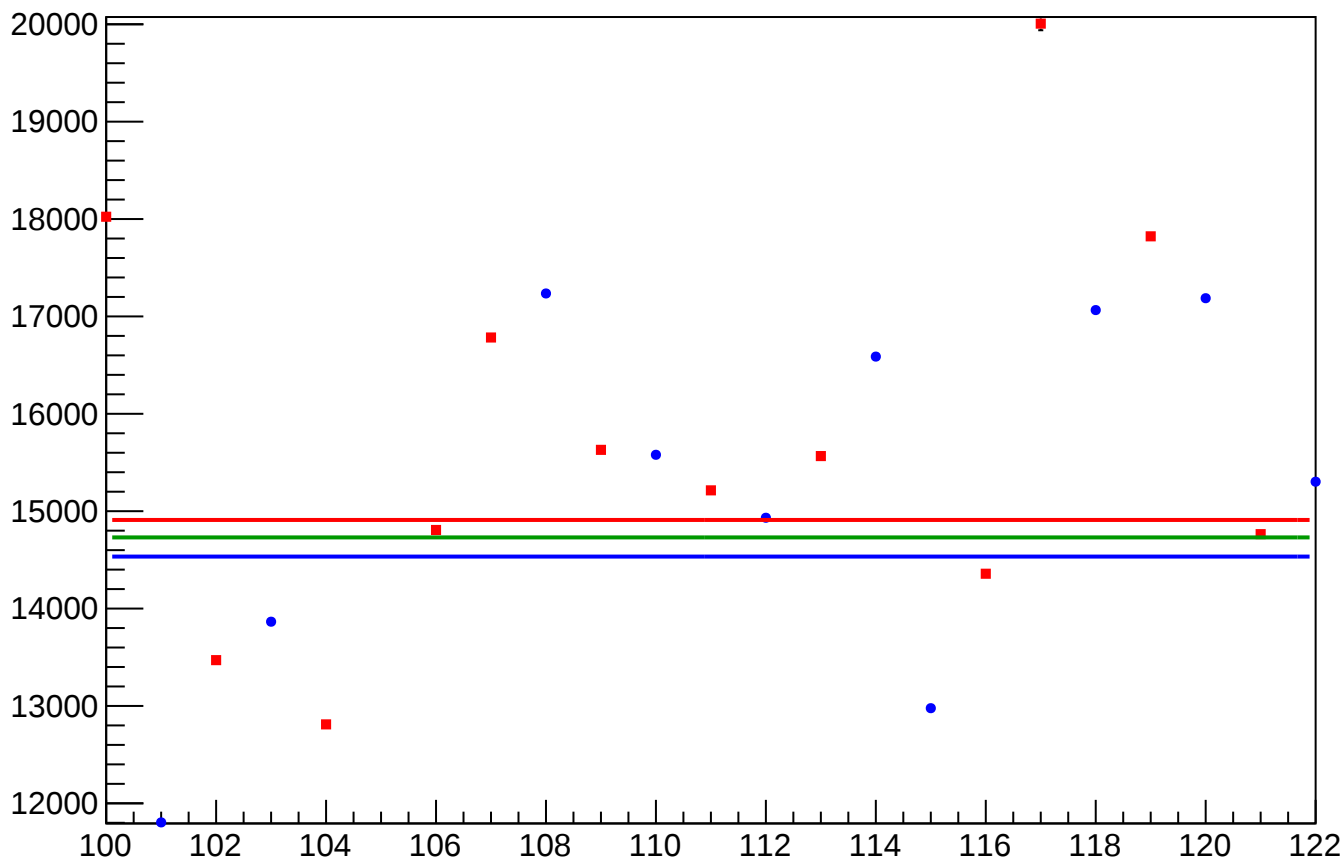
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.890 ± 7.539 χ^2/NDF : 11.5/9

7.026 ± 5.205 χ^2/NDF : 23.6/21

14.236 ± 7.195 χ^2/NDF : 9.9/11

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 14533.916+/-5.331 χ^2/NDF : 132101.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14909.929+/-5.087 χ^2/NDF : 90100.6/11

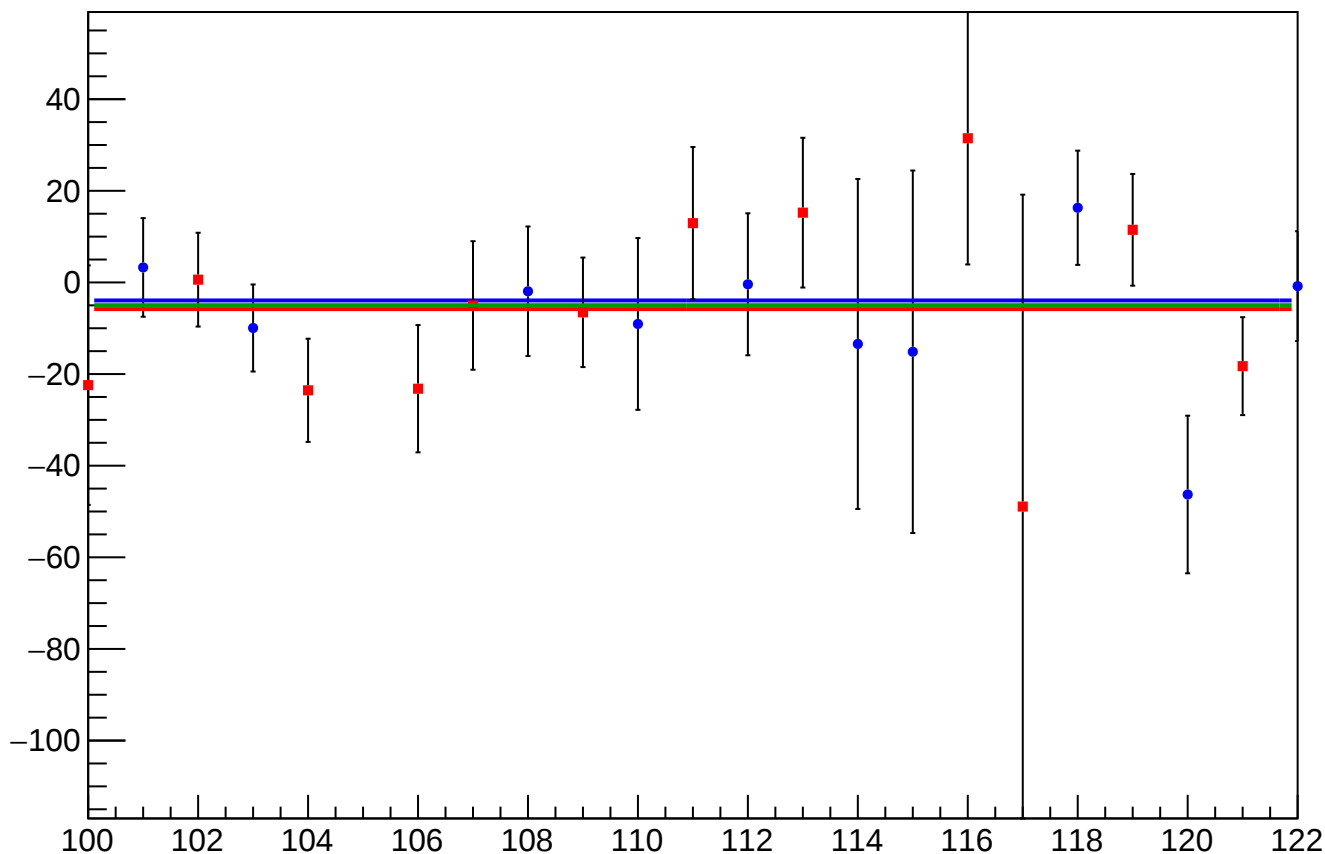
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14533.916+/-5.331 χ^2/NDF : 132101.3/9

14730.694+/-3.680 χ^2/NDF : 224805.8/21

14909.929+/-5.087 χ^2/NDF : 90100.6/11

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -3.933+/-4.477 χ^2 /NDF: 9.9/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -5.820+/-4.065 χ^2 /NDF: 13.4/11

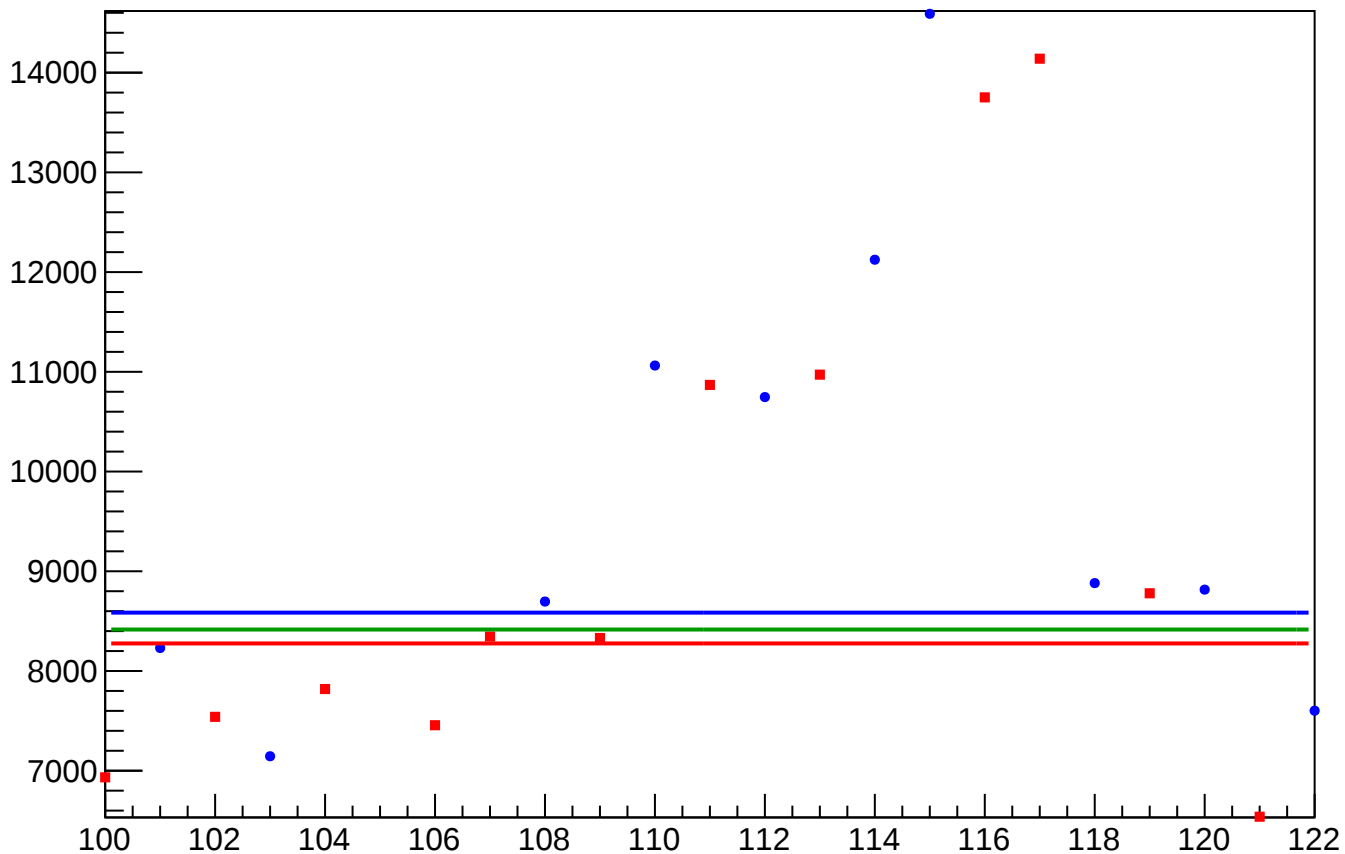
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-3.933+/-4.477 χ^2 /NDF: 9.9/9

-4.967+/-3.009 χ^2 /NDF: 23.4/21

-5.820+/-4.065 χ^2 /NDF: 13.4/11

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8585.232+/-3.166 χ^2/NDF : 202427.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8276.292+/-2.874 χ^2/NDF : 279095.0/11

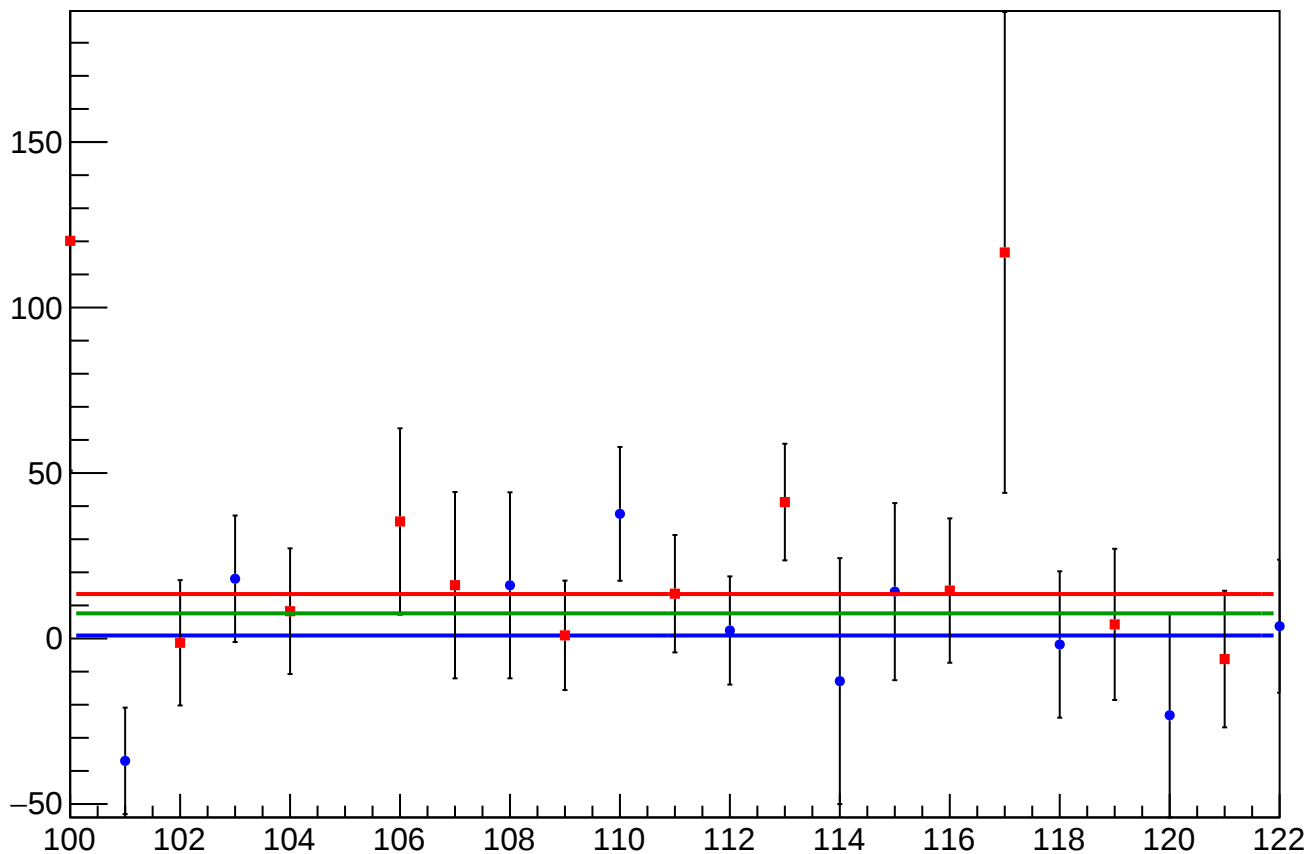
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8585.232+/-3.166 χ^2/NDF : 202427.1/9

8415.888+/-2.128 χ^2/NDF : 486743.1/21

8276.292+/-2.874 χ^2/NDF : 279095.0/11

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: 0.917 $\pm$ 6.781 χ^2/NDF : 11.0/9

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

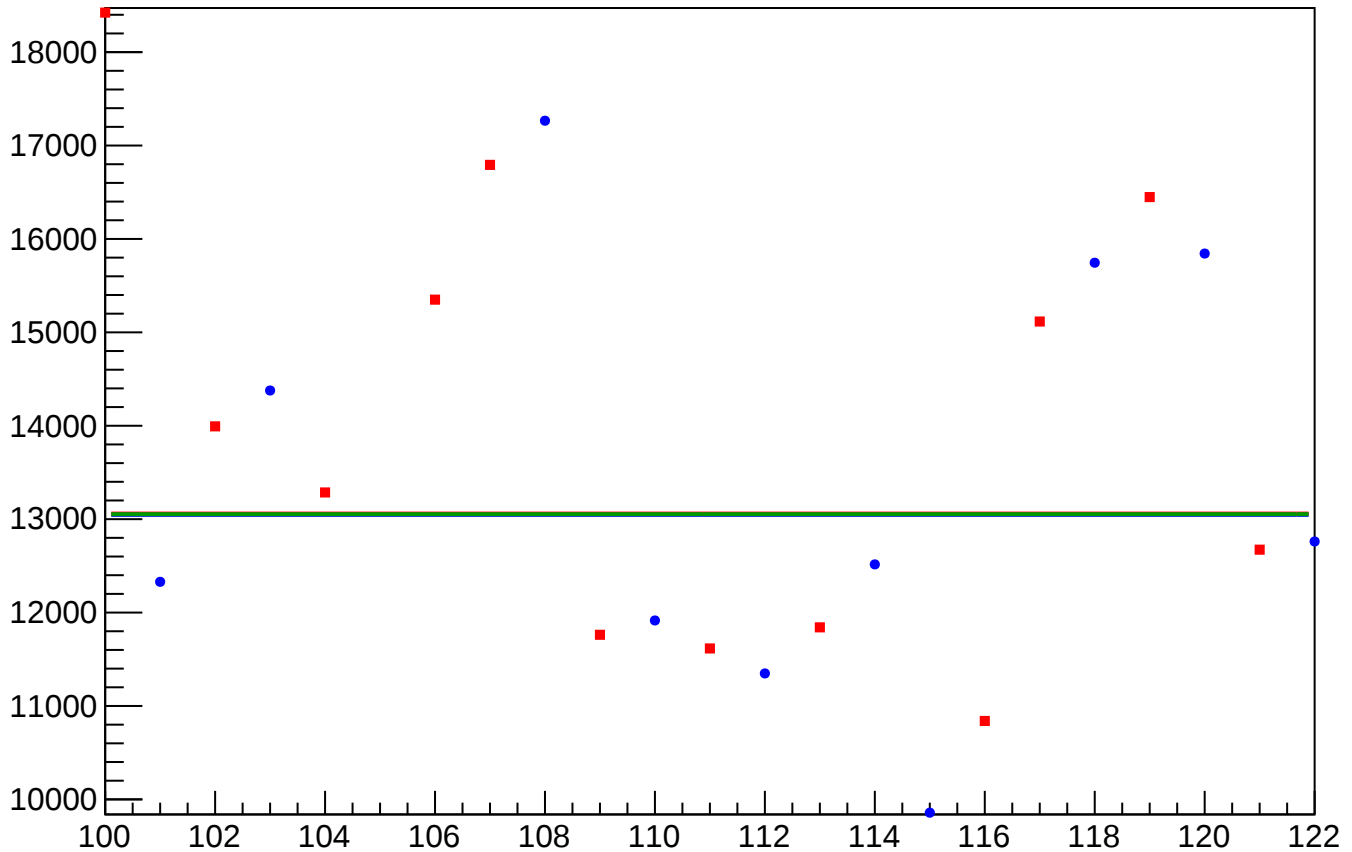
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.917 $\pm$ 6.781 χ^2/NDF : 11.0/9

7.602 $\pm$ 4.630 χ^2/NDF : 22.6/21

13.440 $\pm$ 6.337 χ^2/NDF : 9.8/11

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13046.452+/-4.795 χ^2/NDF : 162061.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13059.564+/-4.481 χ^2/NDF : 167632.4/11

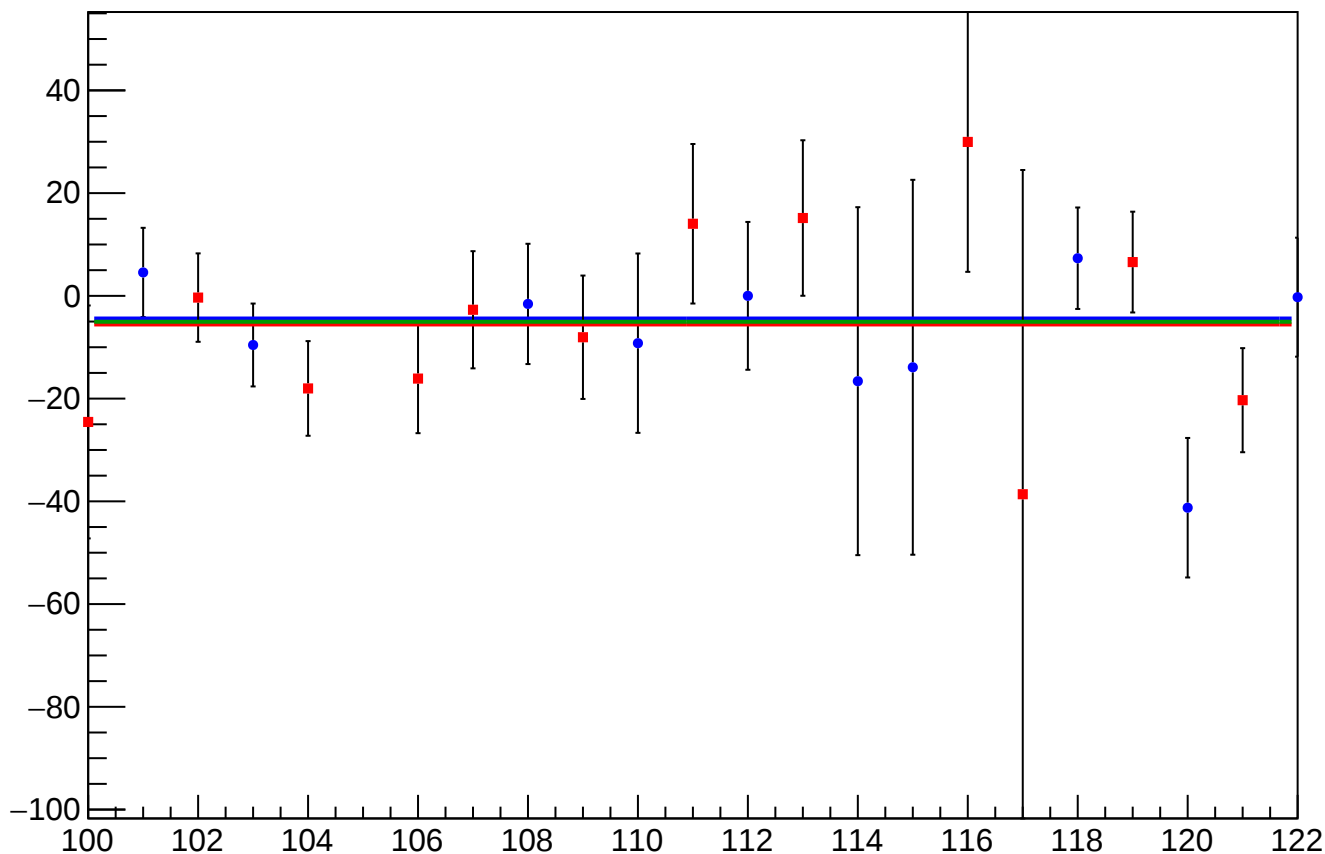
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13046.452+/-4.795 χ^2/NDF : 162061.2/9

13053.451+/-3.274 χ^2/NDF : 329697.6/21

13059.564+/-4.481 χ^2/NDF : 167632.4/11

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -4.410+/-3.813 χ^2 /NDF: 10.8/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -5.566+/-3.510 χ^2 /NDF: 13.4/11

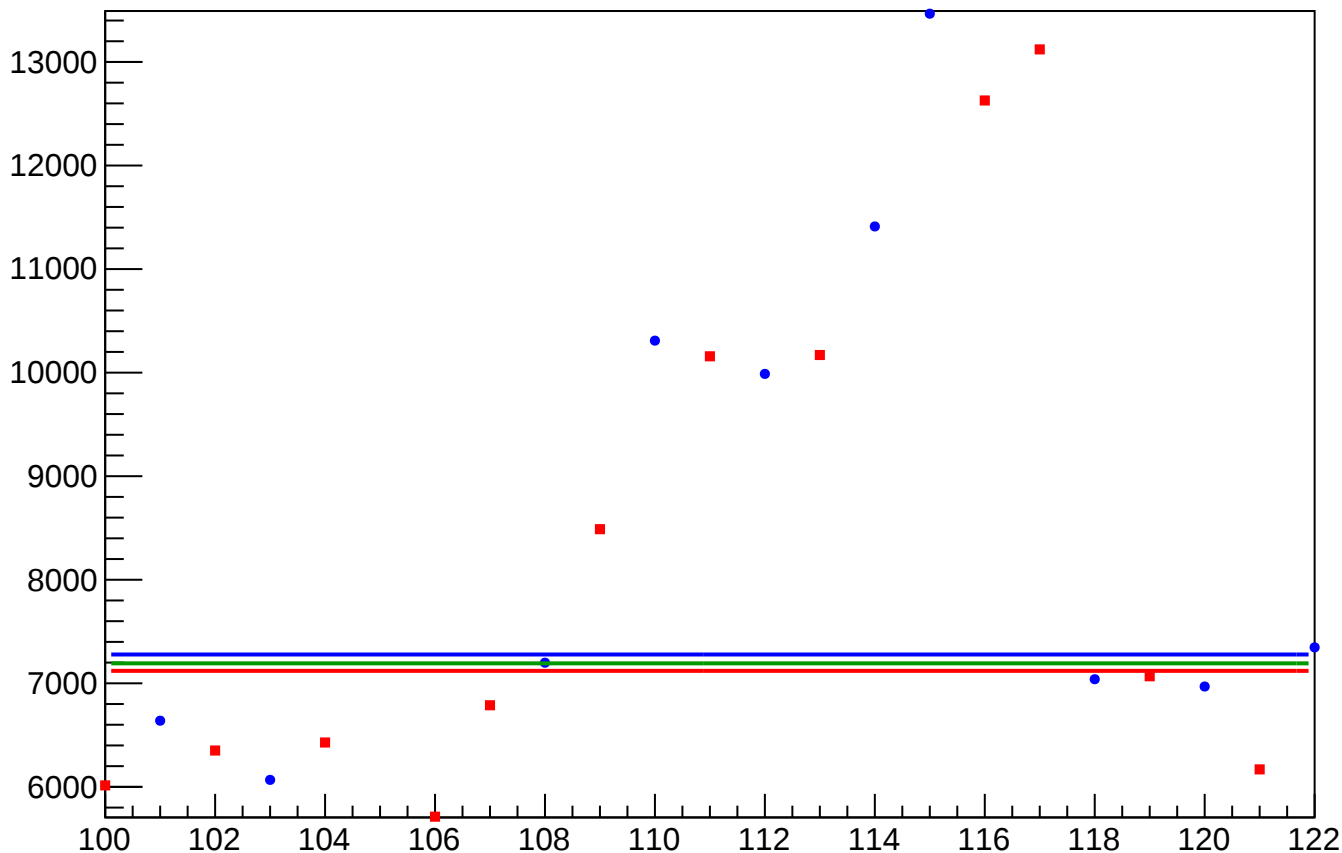
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-4.410+/-3.813 χ^2 /NDF: 10.8/9

-5.036+/-2.582 χ^2 /NDF: 24.2/21

-5.566+/-3.510 χ^2 /NDF: 13.4/11

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7278.345+/-2.696 χ^2/NDF : 276760.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7120.239+/-2.482 χ^2/NDF : 383153.0/11

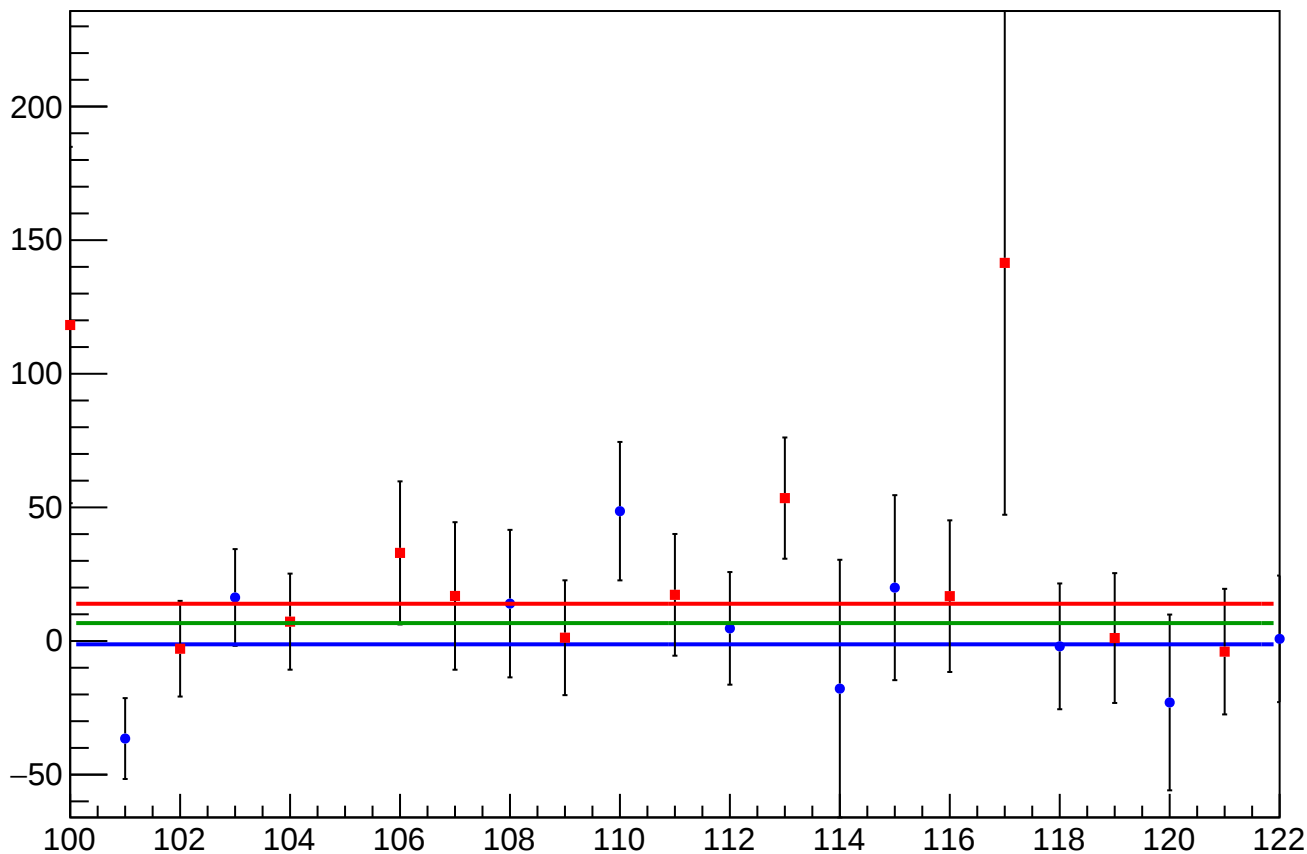
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7278.345+/-2.696 χ^2/NDF : 276760.8/9

7192.772+/-1.826 χ^2/NDF : 661775.3/21

7120.239+/-2.482 χ^2/NDF : 383153.0/11

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.235+/-7.401 χ^2/NDF : 11.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.943+/-7.063 χ^2/NDF : 10.1/11

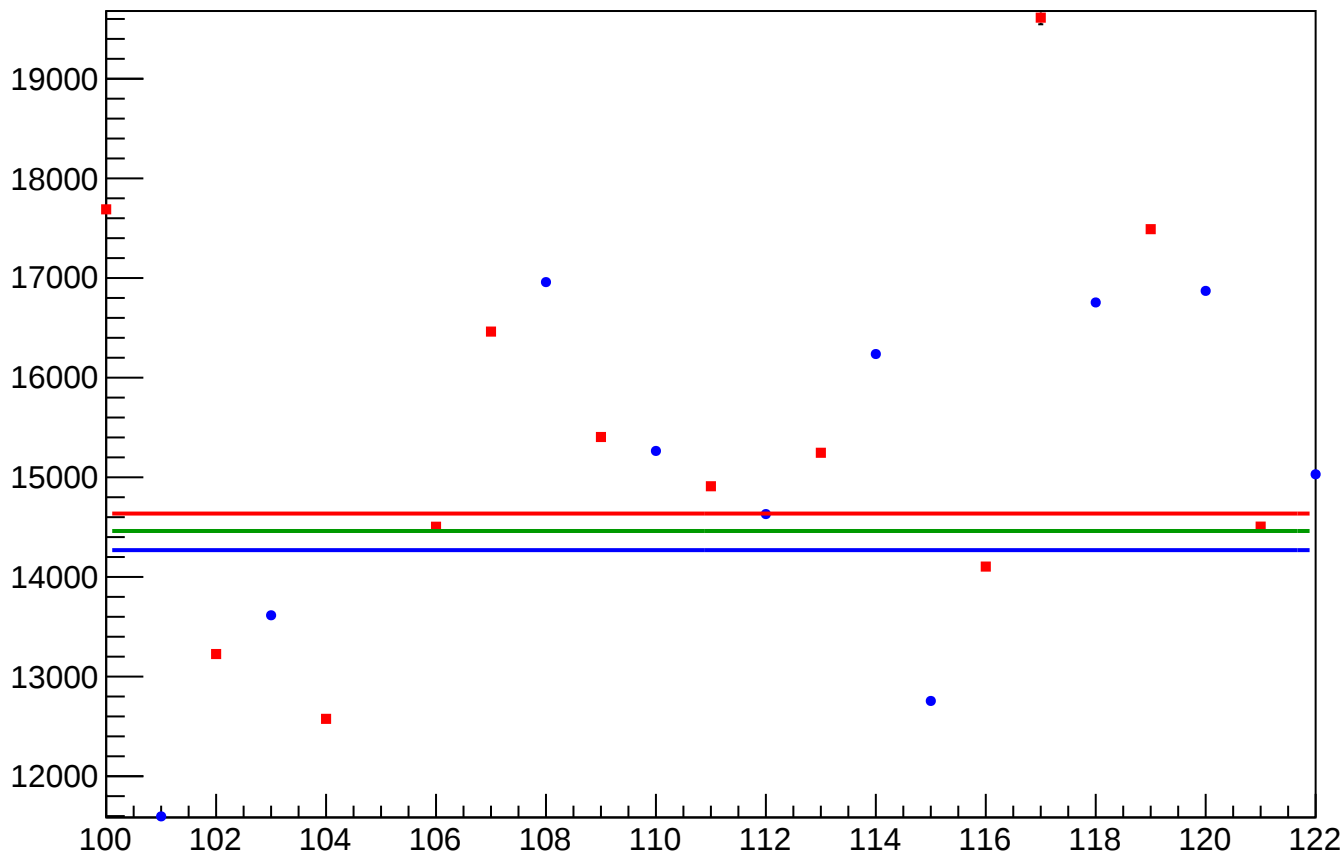
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.235+/-7.401 χ^2/NDF : 11.4/9

6.709+/-5.109 χ^2/NDF : 23.7/21

13.943+/-7.063 χ^2/NDF : 10.1/11

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 14269.086+/-5.233 χ^2/NDF : 131594.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14636.194+/-4.994 χ^2/NDF : 89934.7/11

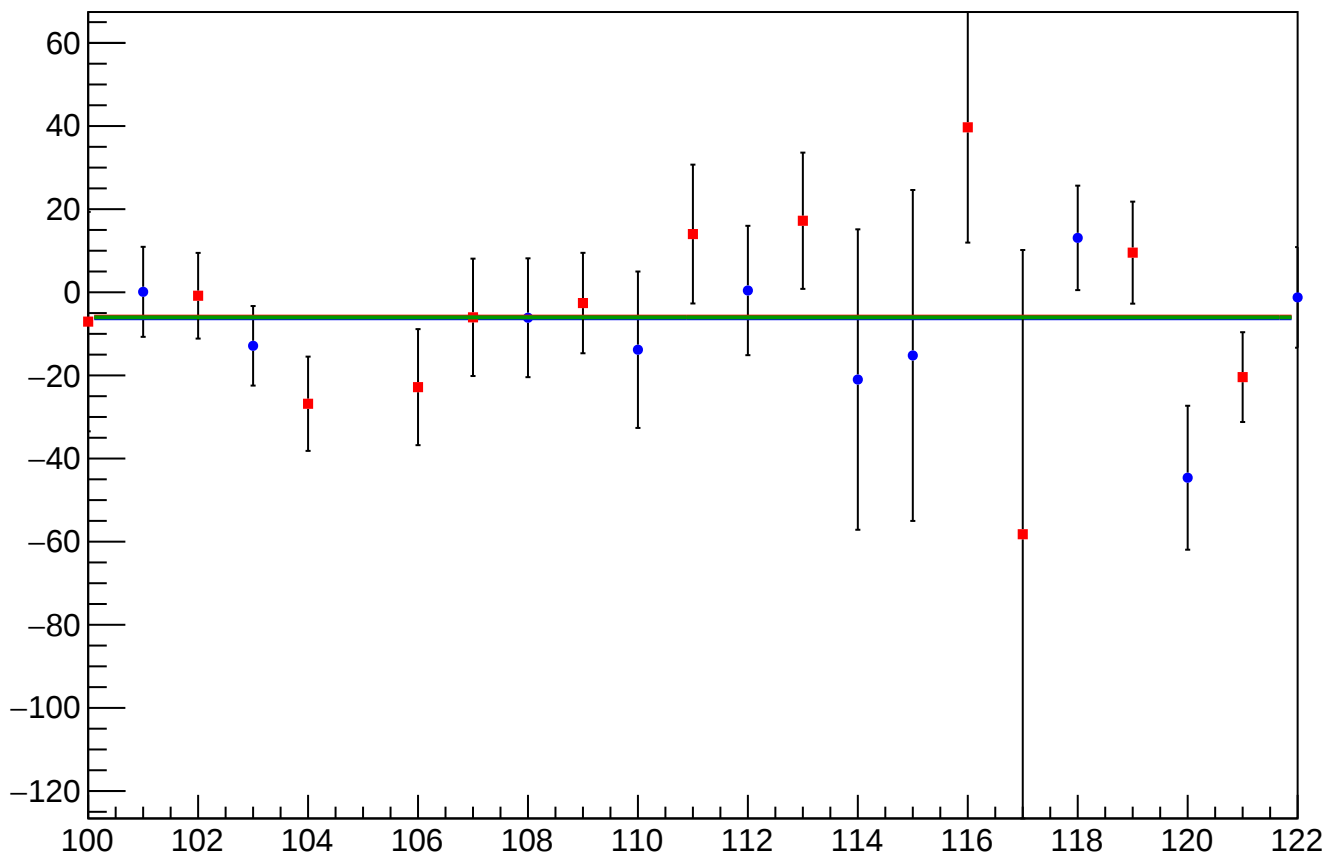
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14269.086+/-5.233 χ^2/NDF : 131594.0/9

14461.225+/-3.613 χ^2/NDF : 224104.2/21

14636.194+/-4.994 χ^2/NDF : 89934.7/11

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -6.239+/-4.510 χ^2/NDF : 8.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.863+/-4.095 χ^2/NDF : 15.3/11

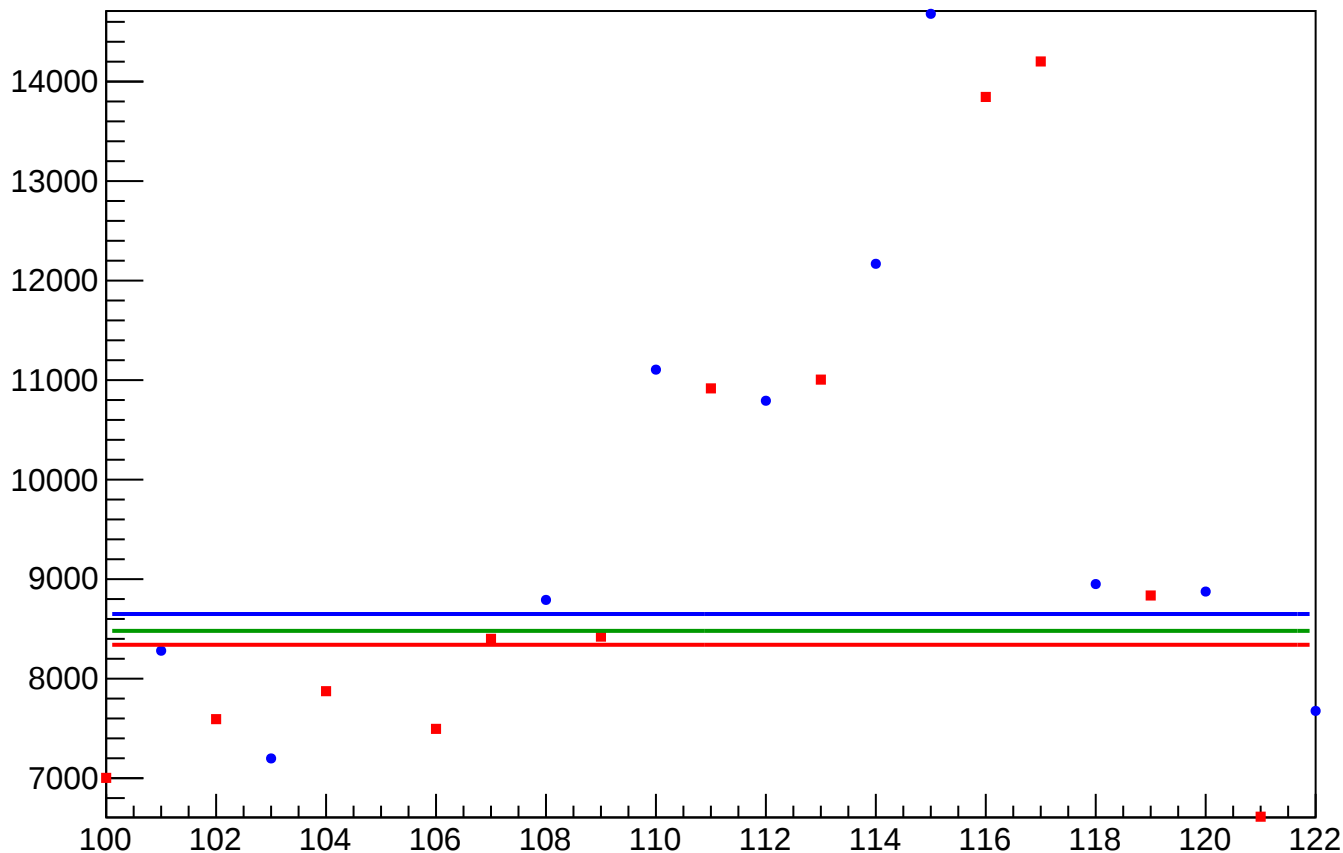
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.239+/-4.510 χ^2/NDF : 8.8/9

-6.033+/-3.031 χ^2/NDF : 24.1/21

-5.863+/-4.095 χ^2/NDF : 15.3/11

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8649.763+/-3.189 χ^2/NDF : 199764.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8340.473+/-2.895 χ^2/NDF : 274742.9/11

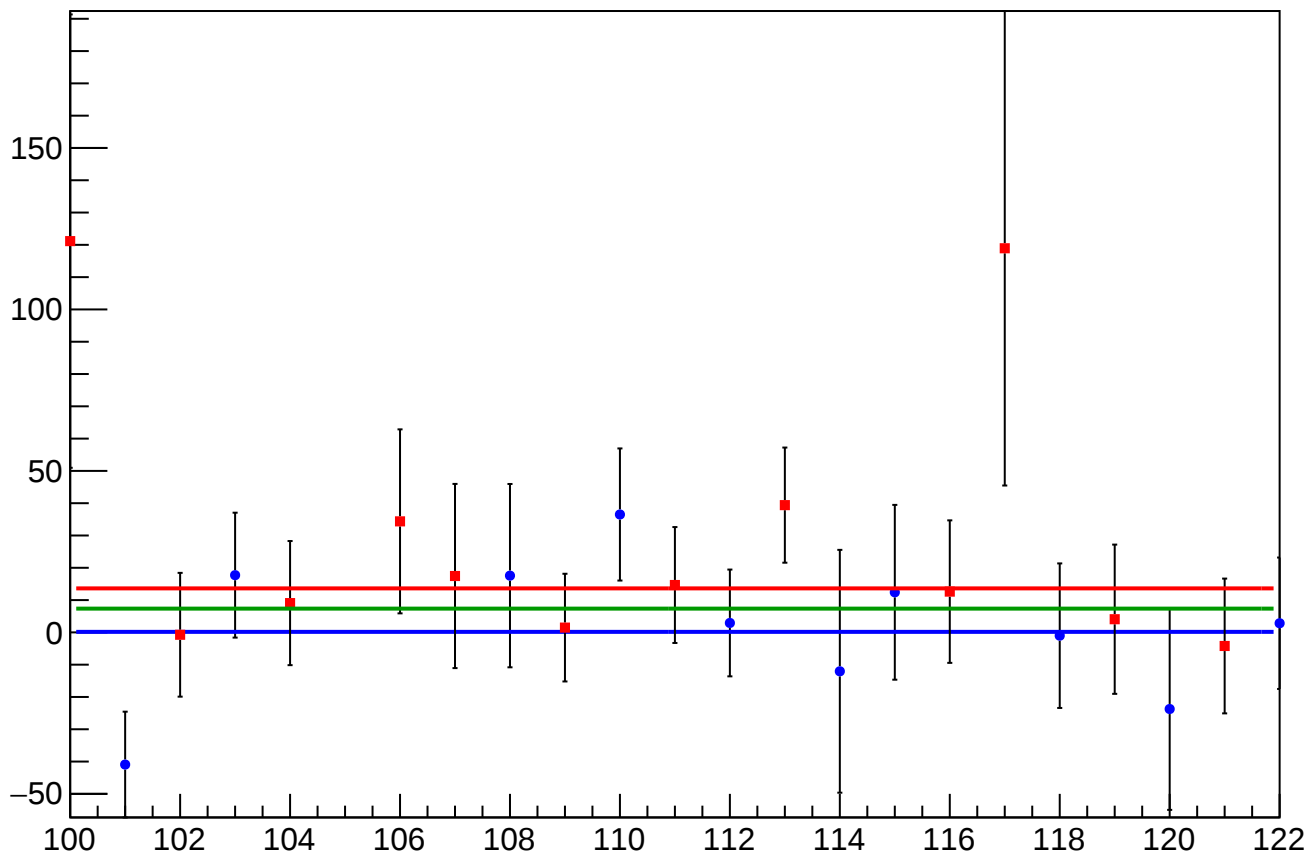
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8649.763+/-3.189 χ^2/NDF : 199764.4/9

8480.245+/-2.144 χ^2/NDF : 479663.9/21

8340.473+/-2.895 χ^2/NDF : 274742.9/11

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: 0.160+/-6.868 χ^2/NDF : 11.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.622+/-6.408 χ^2/NDF : 9.1/11

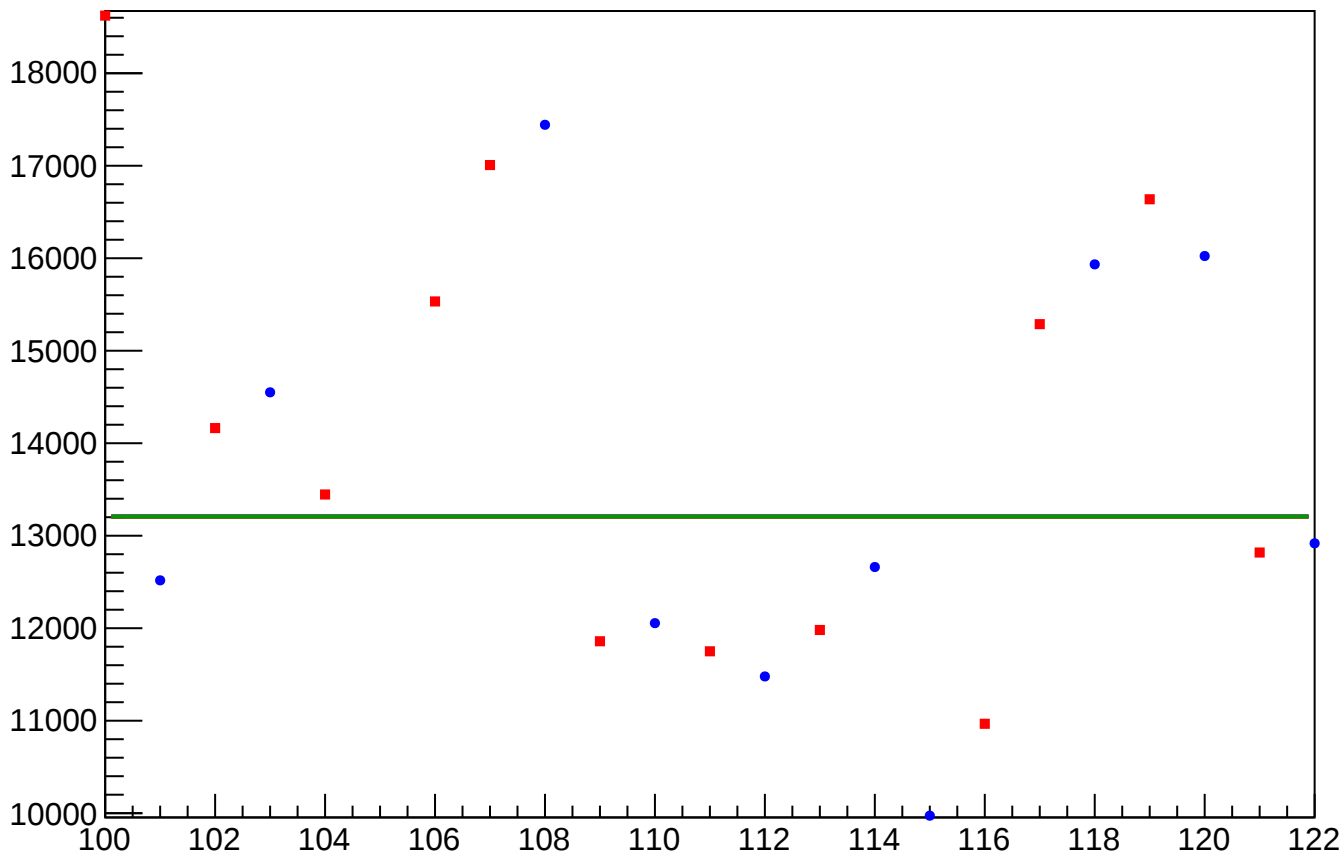
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.160+/-6.868 χ^2/NDF : 11.6/9

7.357+/-4.685 χ^2/NDF : 22.7/21

13.622+/-6.408 χ^2/NDF : 9.1/11

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13208.625+/-4.856 χ^2/NDF : 161285.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13206.082+/-4.531 χ^2/NDF : 168770.0/11

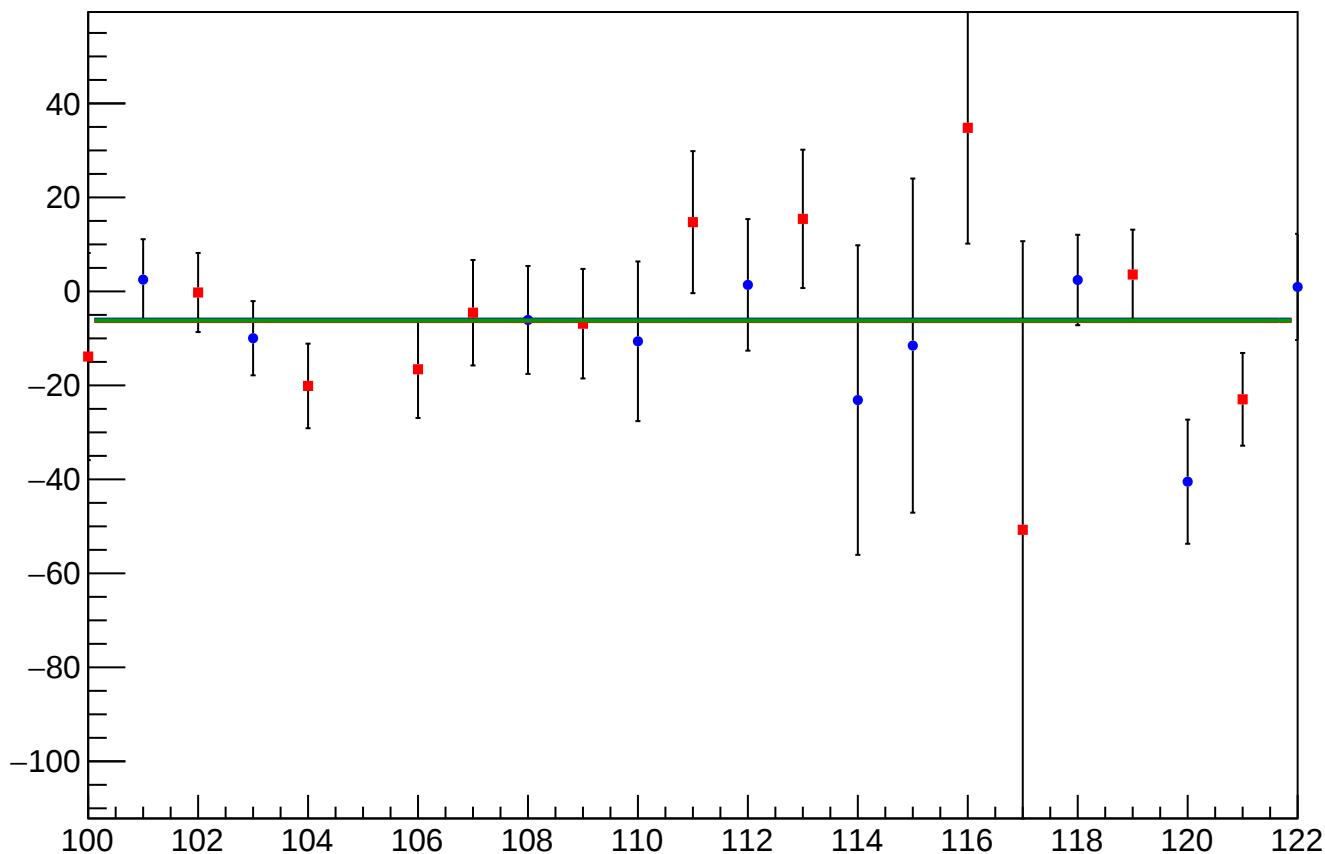
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13208.625+/-4.856 χ^2/NDF : 161285.0/9

13207.265+/-3.313 χ^2/NDF : 330055.1/21

13206.082+/-4.531 χ^2/NDF : 168770.0/11

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -6.000+/-3.733 χ^2 /NDF: 9.8/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -6.308+/-3.424 χ^2 /NDF: 15.4/11

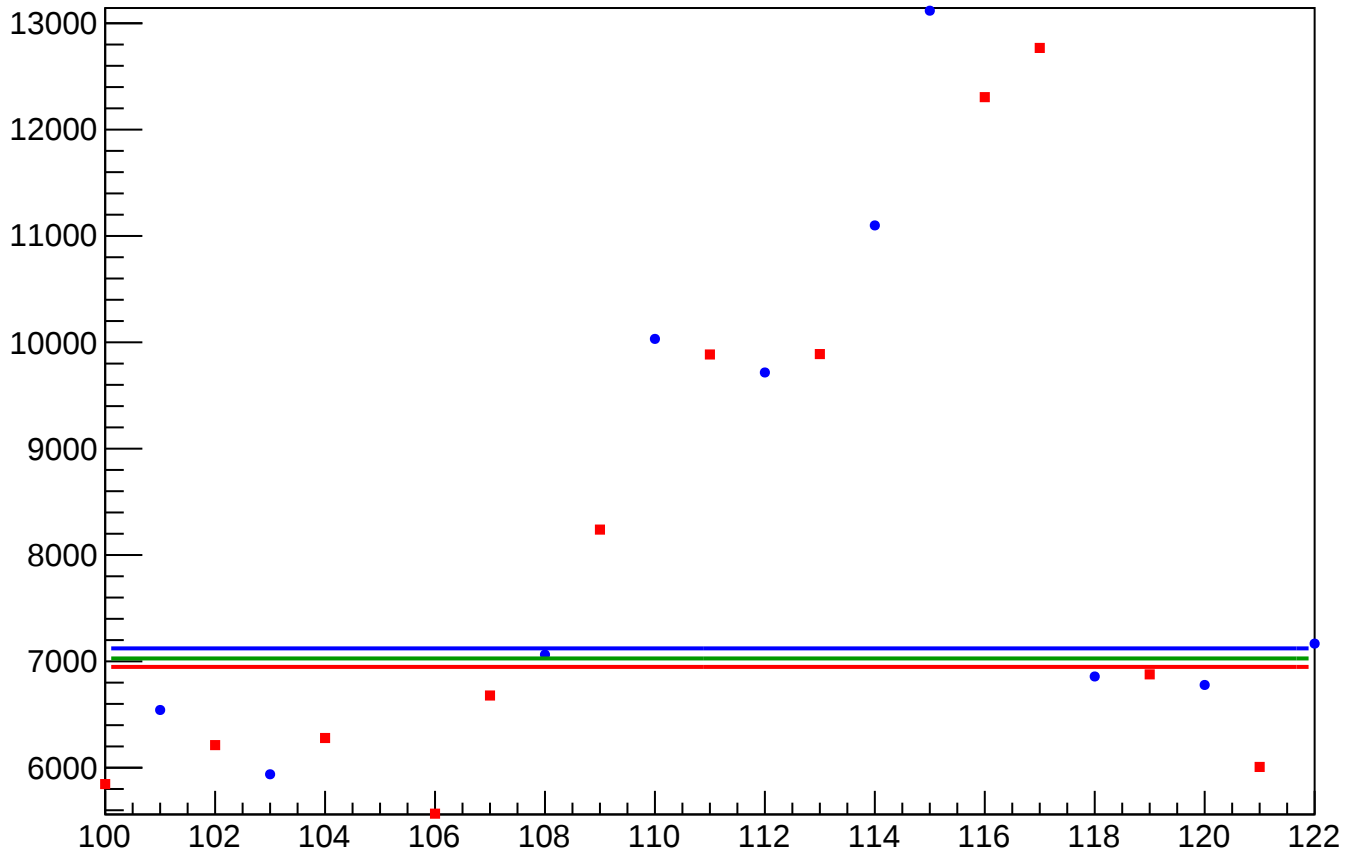
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-6.000+/-3.733 χ^2 /NDF: 9.8/9

-6.167+/-2.523 χ^2 /NDF: 25.2/21

-6.308+/-3.424 χ^2 /NDF: 15.4/11

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7122.062 $\pm$ 2.639 χ^2 /NDF: 270393.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6947.798 $\pm$ 2.421 χ^2 /NDF: 378681.6/11

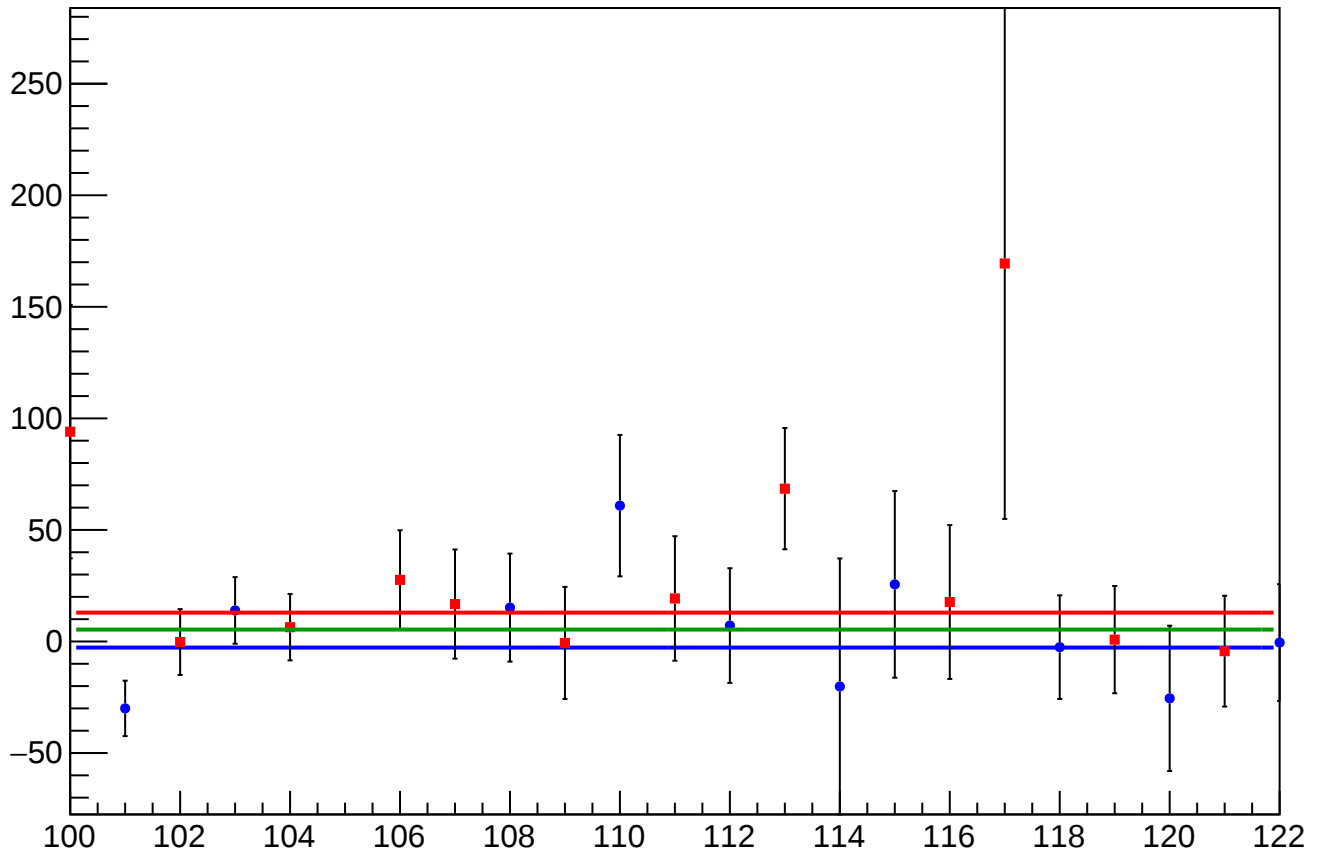
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7122.062 $\pm$ 2.639 χ^2 /NDF: 270393.6/9

7027.435 $\pm$ 1.784 χ^2 /NDF: 651442.3/21

6947.798 $\pm$ 2.421 χ^2 /NDF: 378681.6/11

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -2.730+/-7.015 χ^2 /NDF: 11.8/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 12.931+/-6.801 χ^2 /NDF: 10.6/11

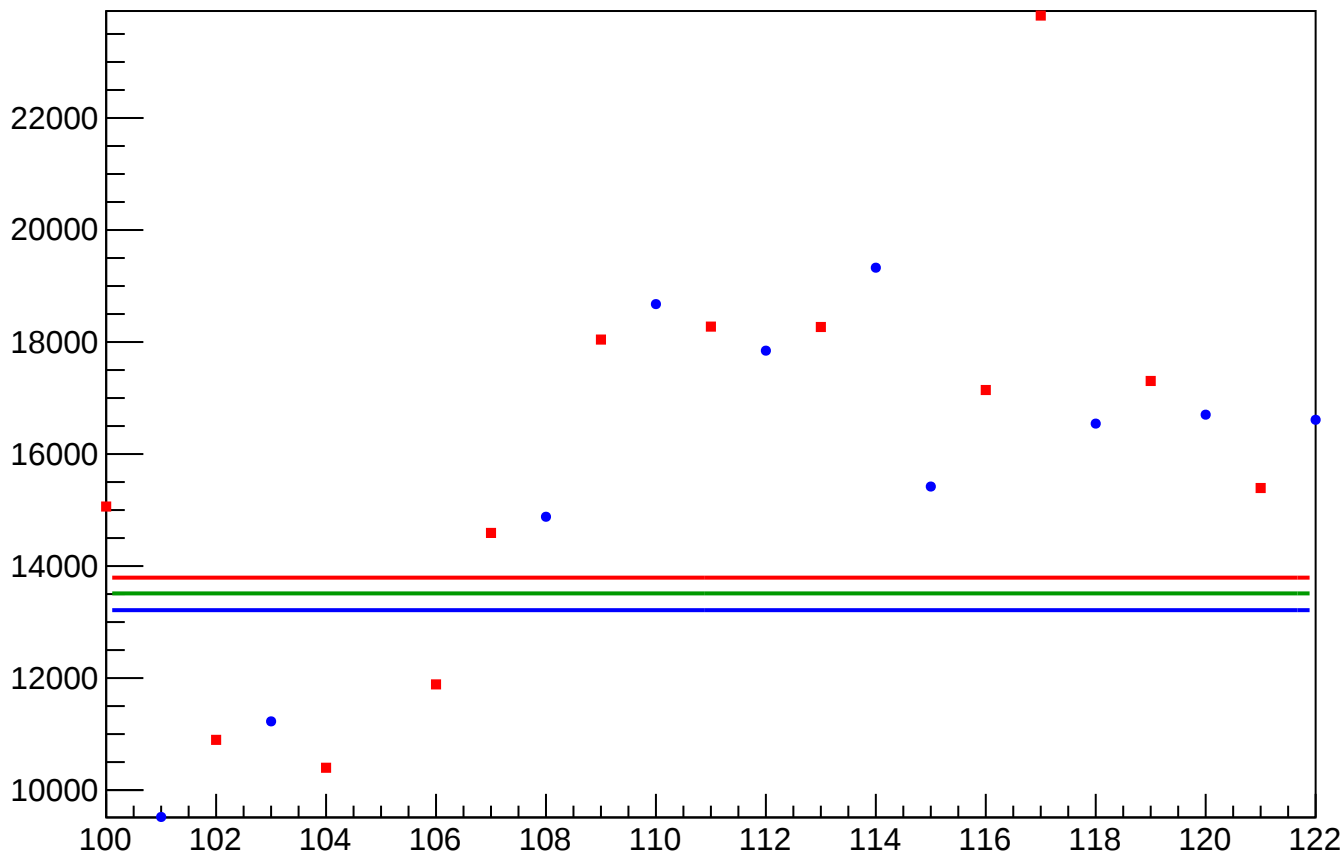
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.730+/-7.015 χ^2 /NDF: 11.8/9

5.343+/-4.883 χ^2 /NDF: 25.0/21

12.931+/-6.801 χ^2 /NDF: 10.6/11

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 13212.466+/-4.960 χ^2/NDF : 472264.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13793.063+/-4.809 χ^2/NDF : 447569.1/11

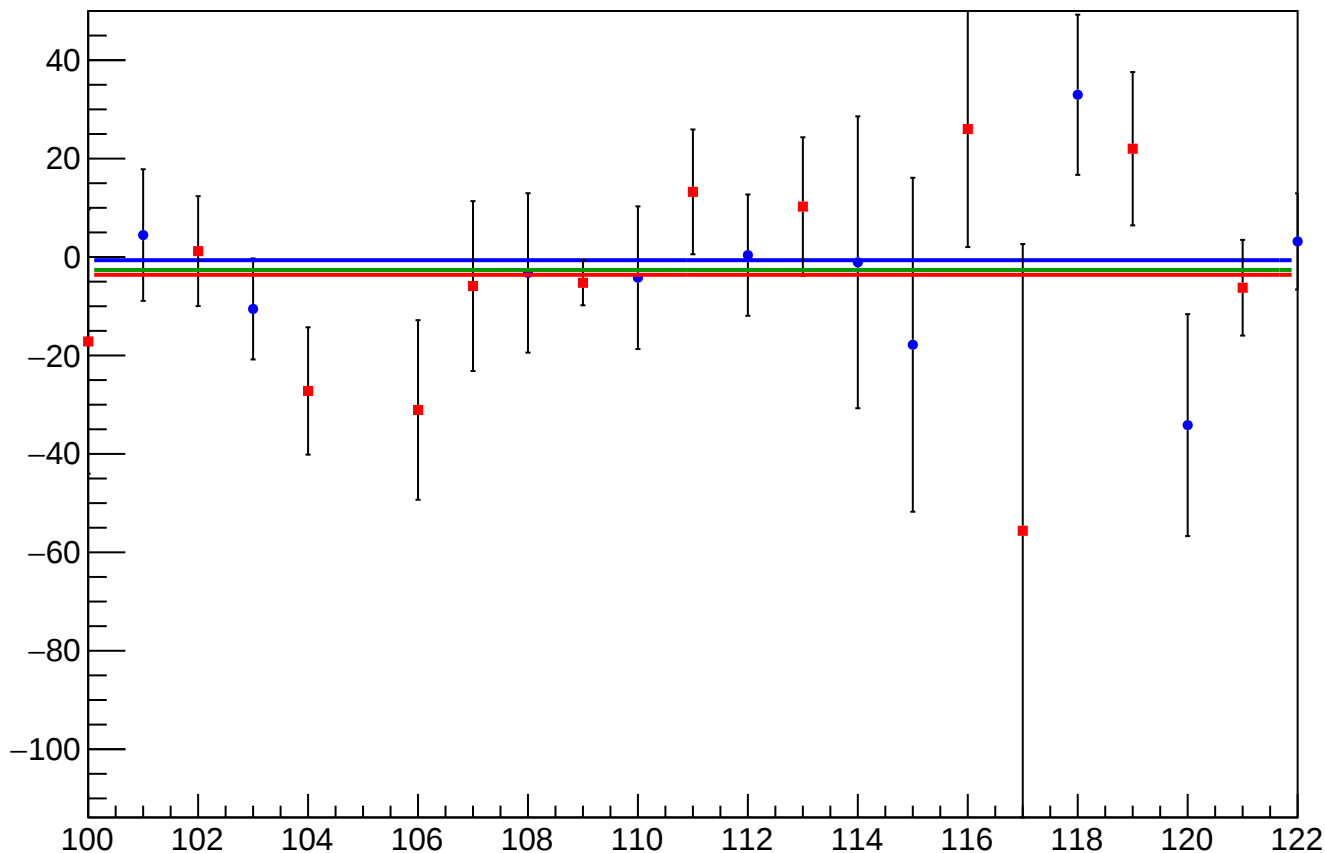
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13212.466+/-4.960 χ^2/NDF : 472264.8/9

13511.740+/-3.453 χ^2/NDF : 926895.5/21

13793.063+/-4.809 χ^2/NDF : 447569.1/11

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: -0.643+/-4.542 χ^2 /NDF: 8.1/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3.609+/-3.203 χ^2 /NDF: 14.0/11

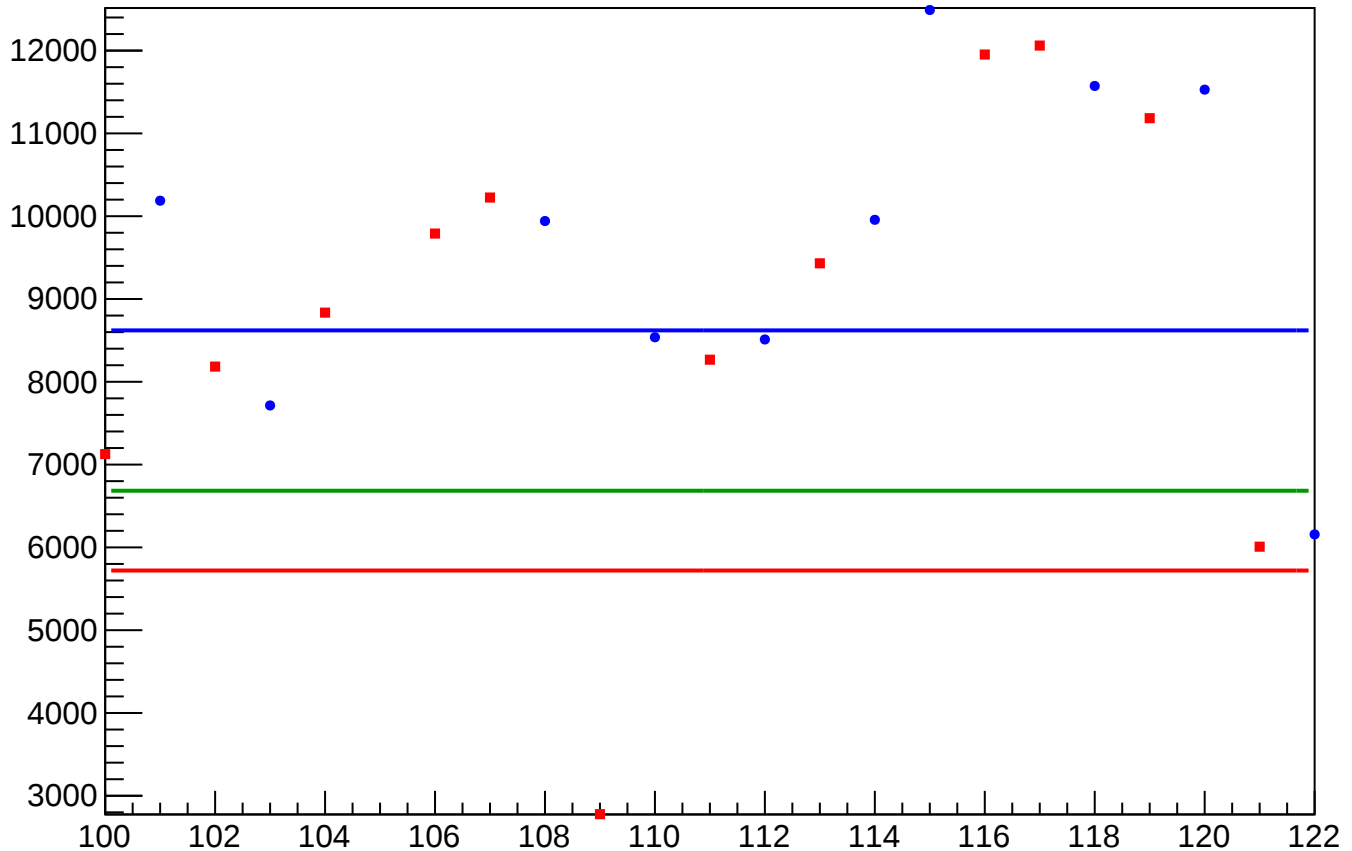
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.643+/-4.542 χ^2 /NDF: 8.1/9

-2.624+/-2.618 χ^2 /NDF: 22.3/21

-3.609+/-3.203 χ^2 /NDF: 14.0/11

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8620.820+/-3.212 χ^2/NDF : 312918.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5720.623+/-2.265 χ^2/NDF : 1907044.5/11

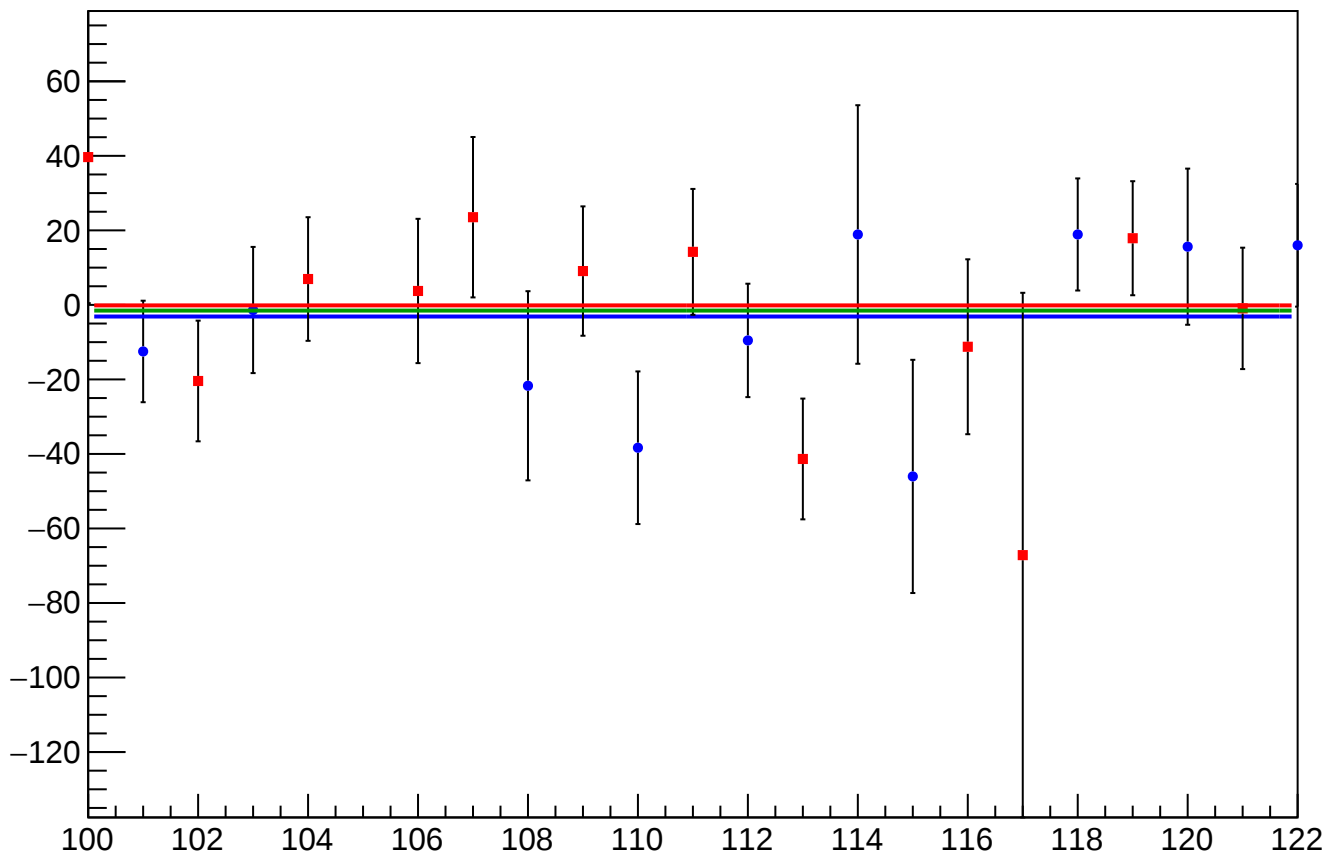
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8620.820+/-3.212 χ^2/NDF : 312918.9/9

6684.059+/-1.851 χ^2/NDF : 2764515.6/21

5720.623+/-2.265 χ^2/NDF : 1907044.5/11

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -3.119+/-5.835 χ^2/NDF : 10.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.136+/-5.454 χ^2/NDF : 14.0/11

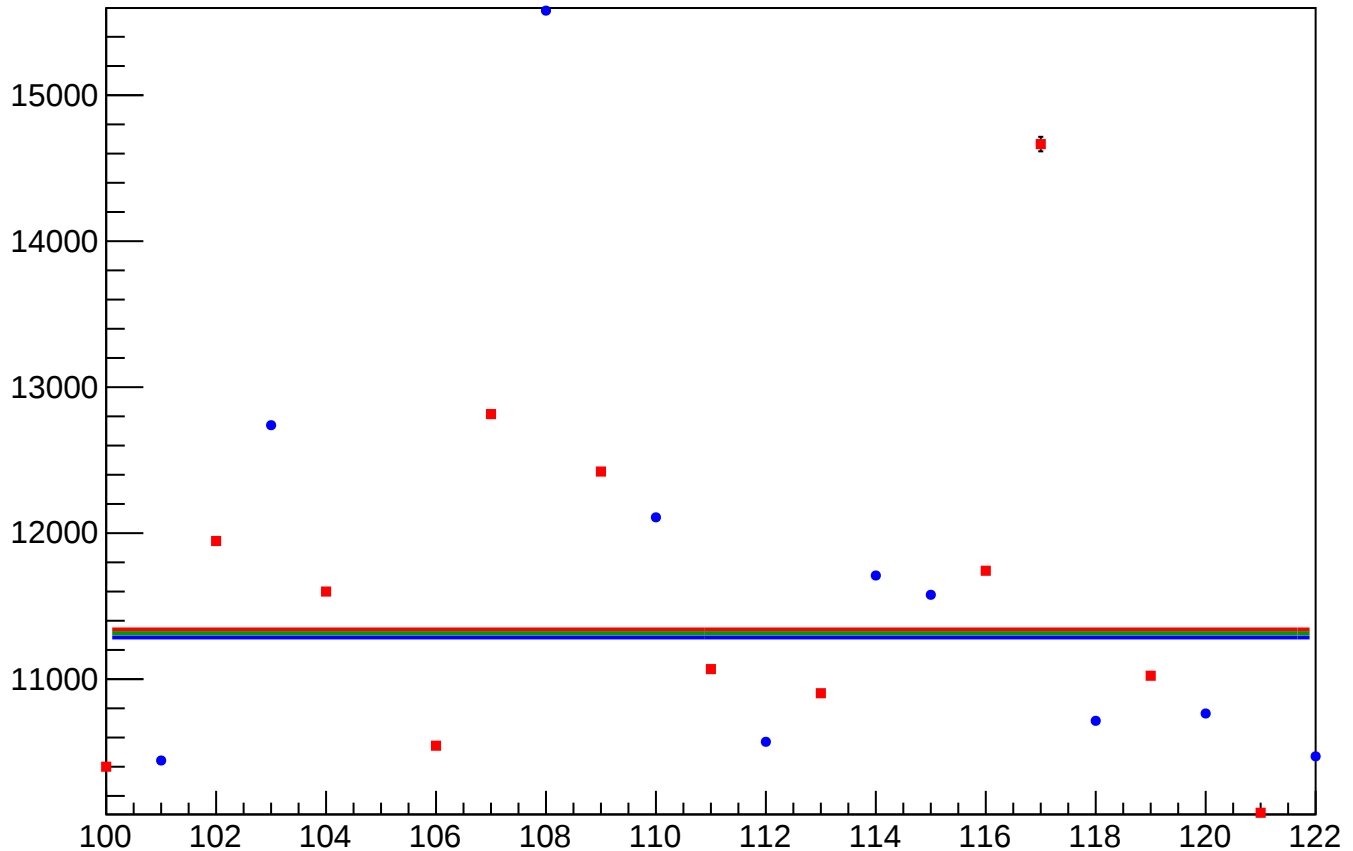
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.119+/-5.835 χ^2/NDF : 10.7/9

-1.527+/-3.985 χ^2/NDF : 24.9/21

-0.136+/-5.454 χ^2/NDF : 14.0/11

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11285.708+/-4.126 χ^2/NDF : 96747.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11340.135+/-3.857 χ^2/NDF : 44746.4/11

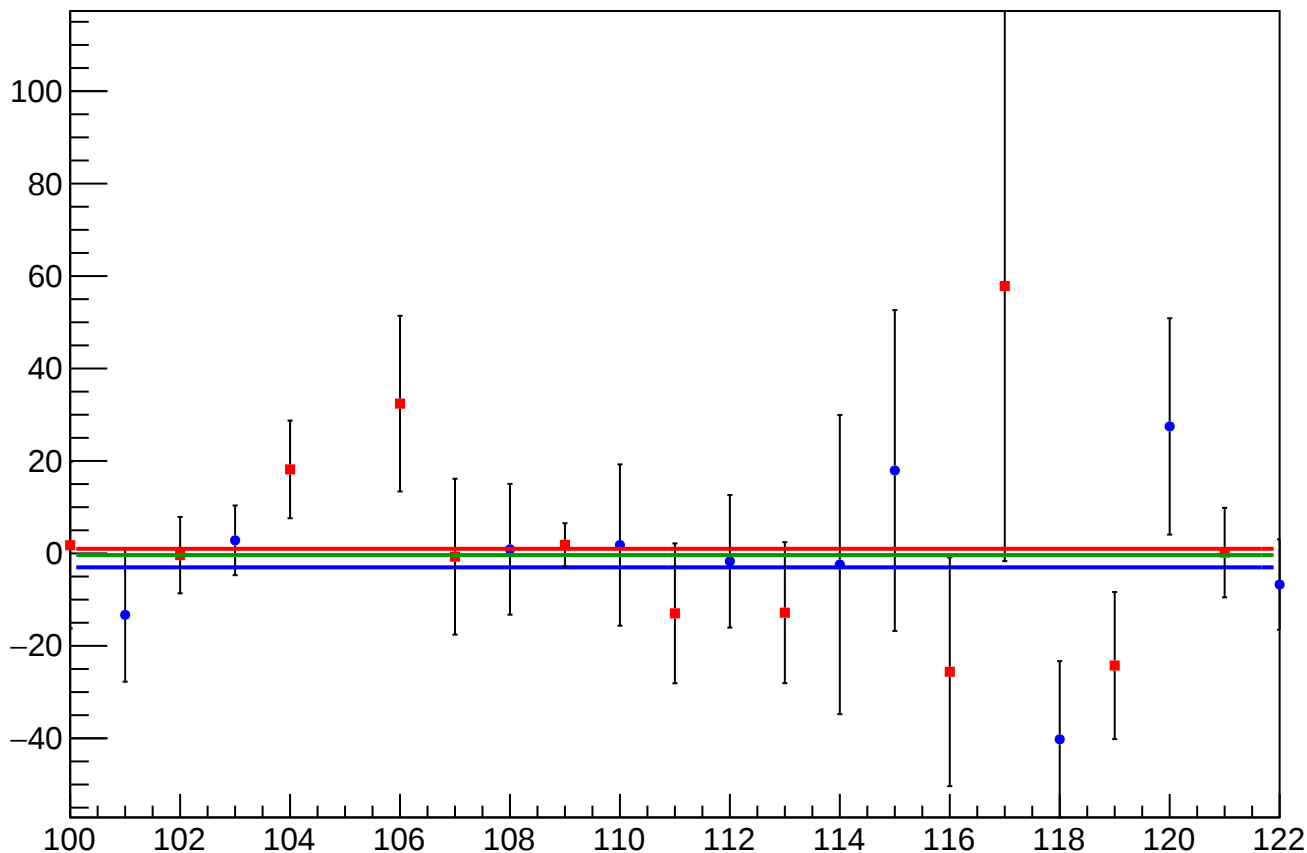
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11285.708+/-4.126 χ^2/NDF : 96747.3/9

11314.757+/-2.818 χ^2/NDF : 141586.6/21

11340.135+/-3.857 χ^2/NDF : 44746.4/11

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -3.013+/-4.340 χ^2/NDF : 8.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.995+/-3.106 χ^2/NDF : 11.7/11

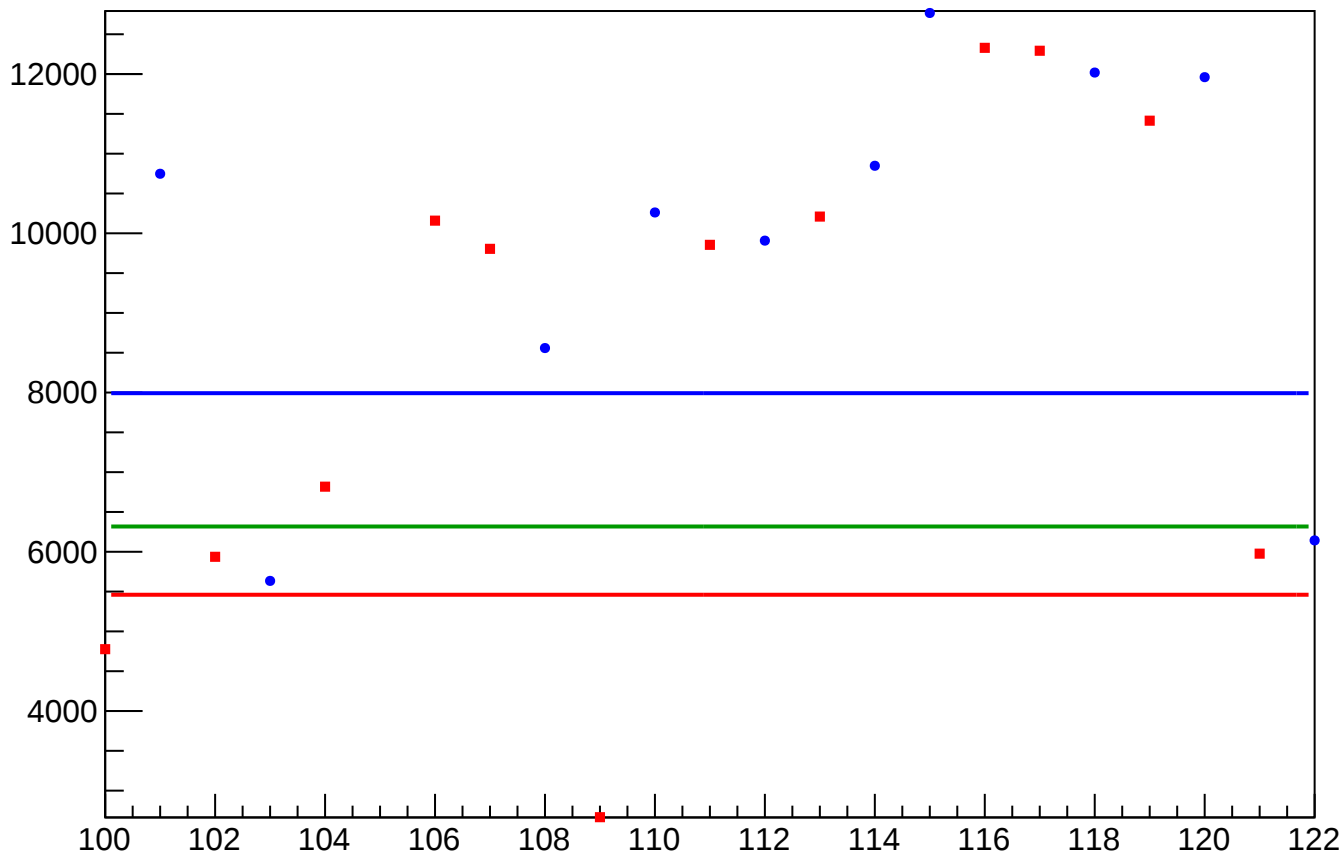
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.013+/-4.340 χ^2/NDF : 8.3/9

-0.362+/-2.526 χ^2/NDF : 20.6/21

0.995+/-3.106 χ^2/NDF : 11.7/11

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 7991.990+/-3.069 χ^2/NDF : 636820.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5460.264+/-2.196 χ^2/NDF : 1837059.7/11

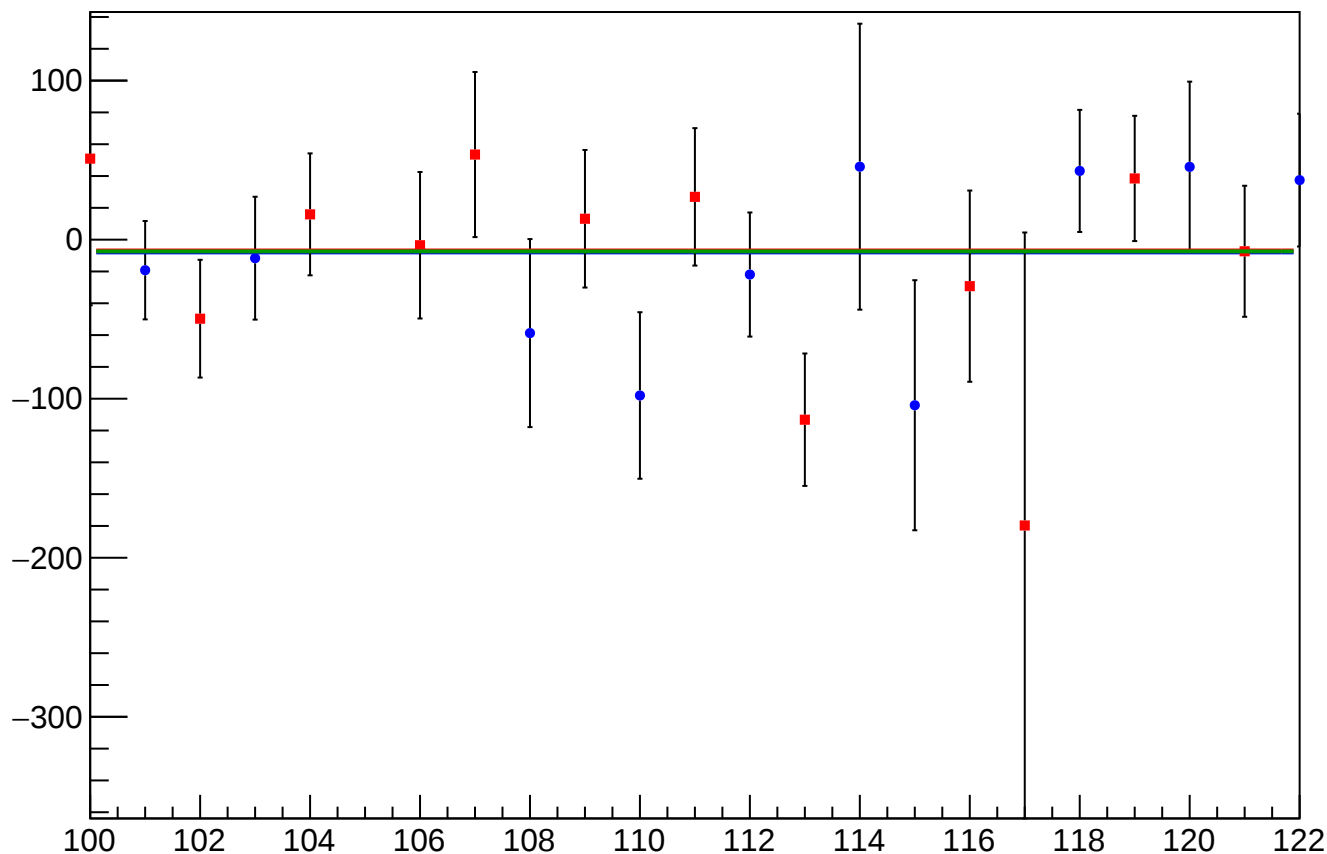
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7991.990+/-3.069 χ^2/NDF : 636820.0/9

6317.512+/-1.786 χ^2/NDF : 2923948.5/21

5460.264+/-2.196 χ^2/NDF : 1837059.7/11

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -7.992+/-14.270 χ^2/NDF : 9.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.832+/-13.413 χ^2/NDF : 13.1/11

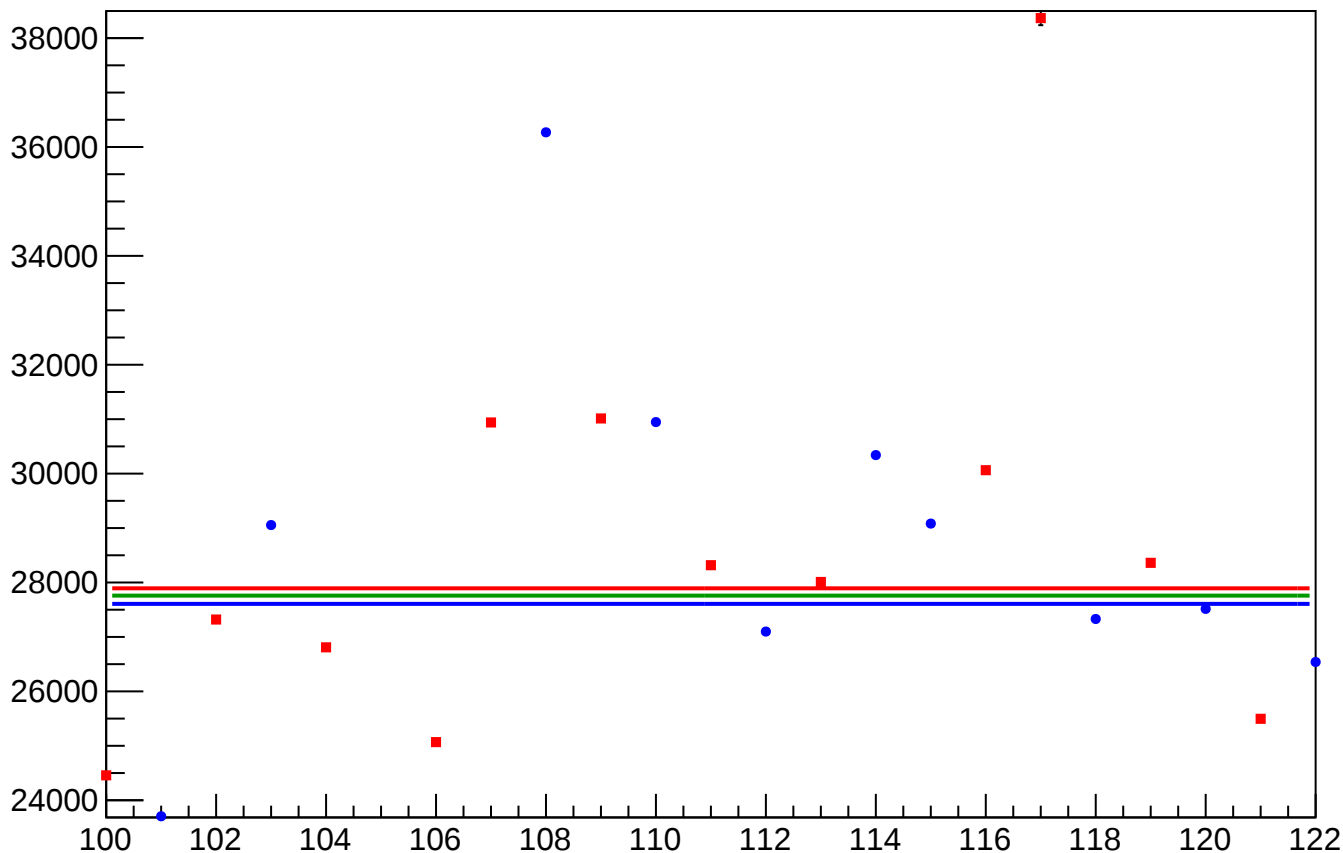
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-7.992+/-14.270 χ^2/NDF : 9.8/9

-7.376+/-9.773 χ^2/NDF : 22.9/21

-6.832+/-13.413 χ^2/NDF : 13.1/11

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 27607.296+/-10.090 χ^2/NDF : 90044.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27893.077+/-9.485 χ^2/NDF : 46013.8/11

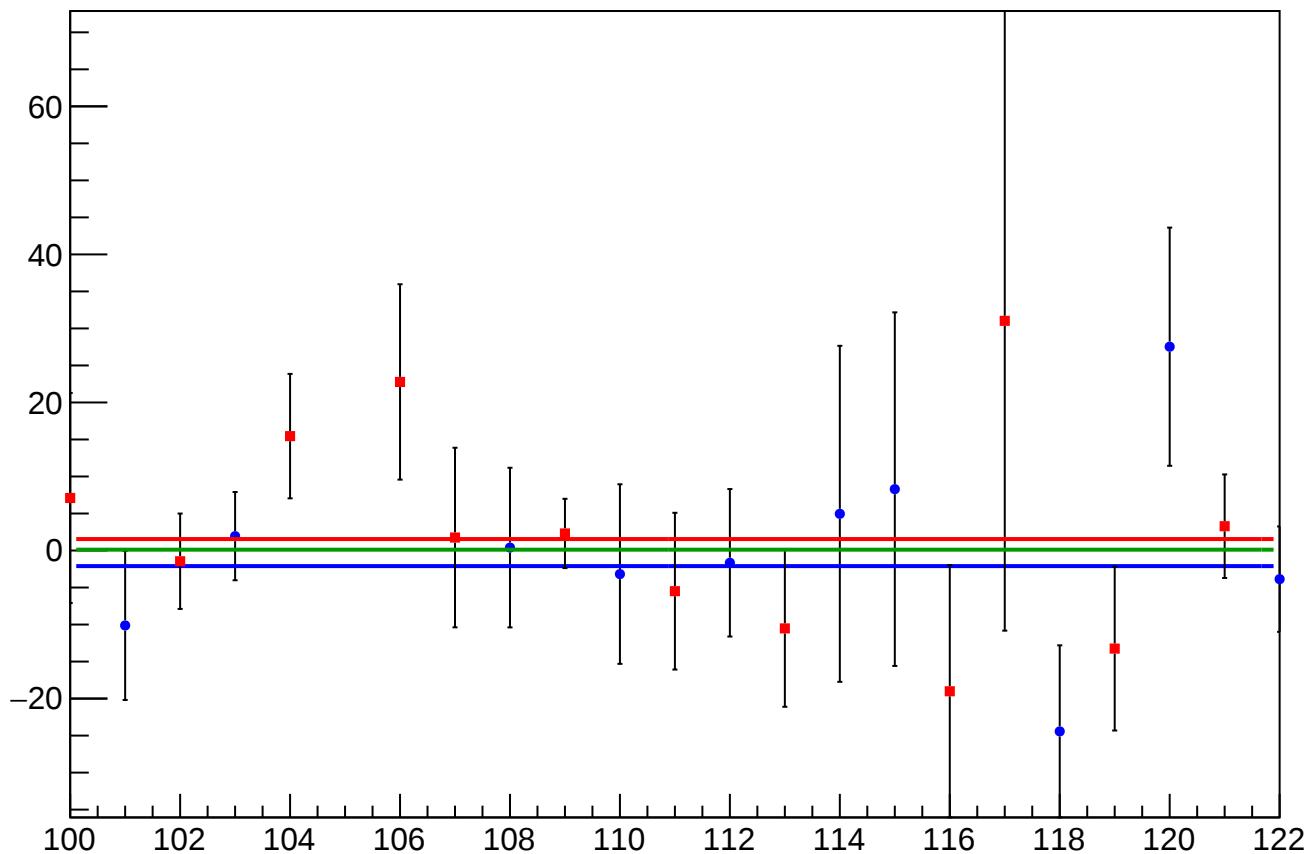
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27607.296+/-10.090 χ^2/NDF : 90044.2/9

27759.018+/-6.911 χ^2/NDF : 136483.9/21

27893.077+/-9.485 χ^2/NDF : 46013.8/11

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -2.106+/-3.192 χ^2/NDF : 8.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.551+/-2.566 χ^2/NDF : 11.3/11

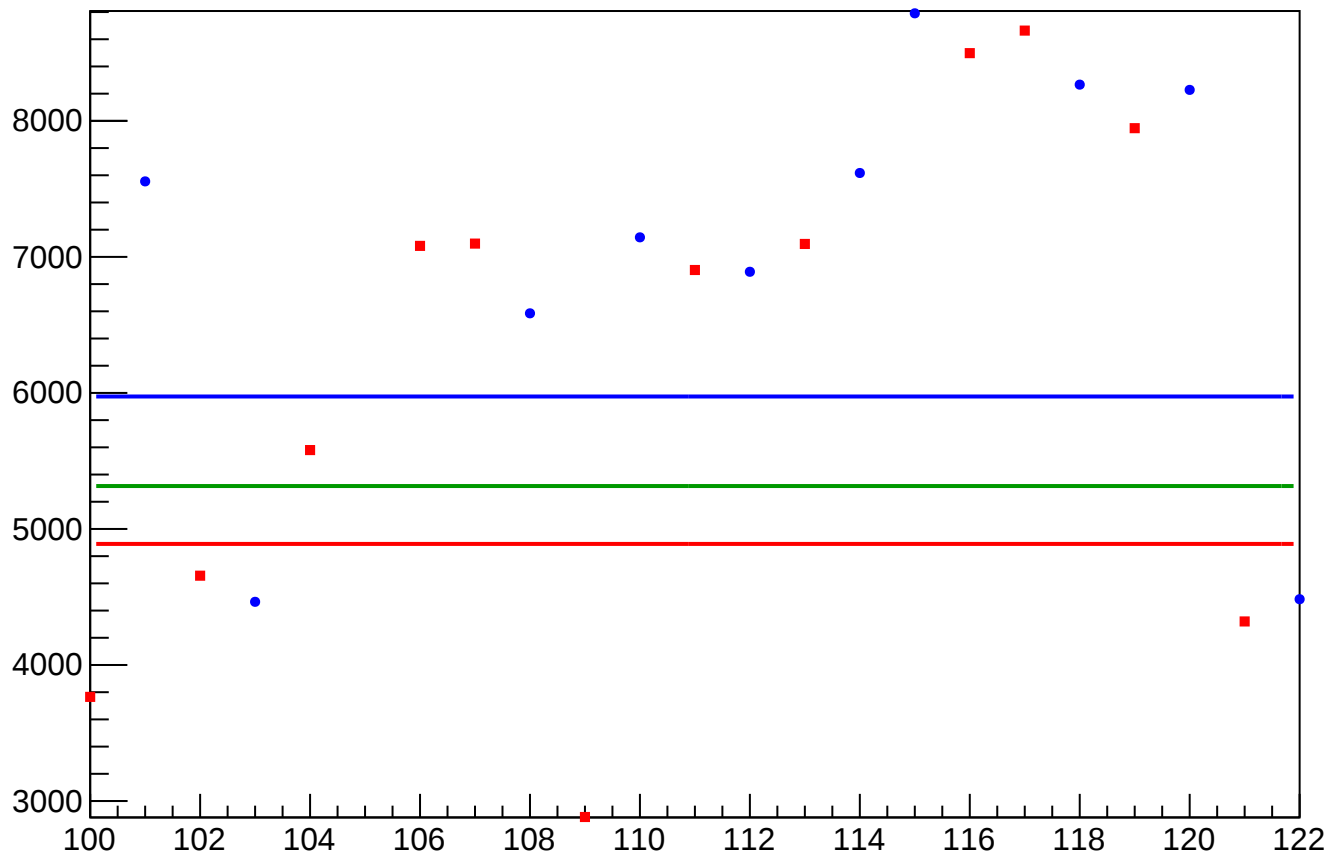
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.106+/-3.192 χ^2/NDF : 8.6/9

0.115+/-2.000 χ^2/NDF : 20.6/21

1.551+/-2.566 χ^2/NDF : 11.3/11

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5973.782+/-2.257 χ^2/NDF : 462516.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4889.985+/-1.814 χ^2/NDF : 948839.8/11

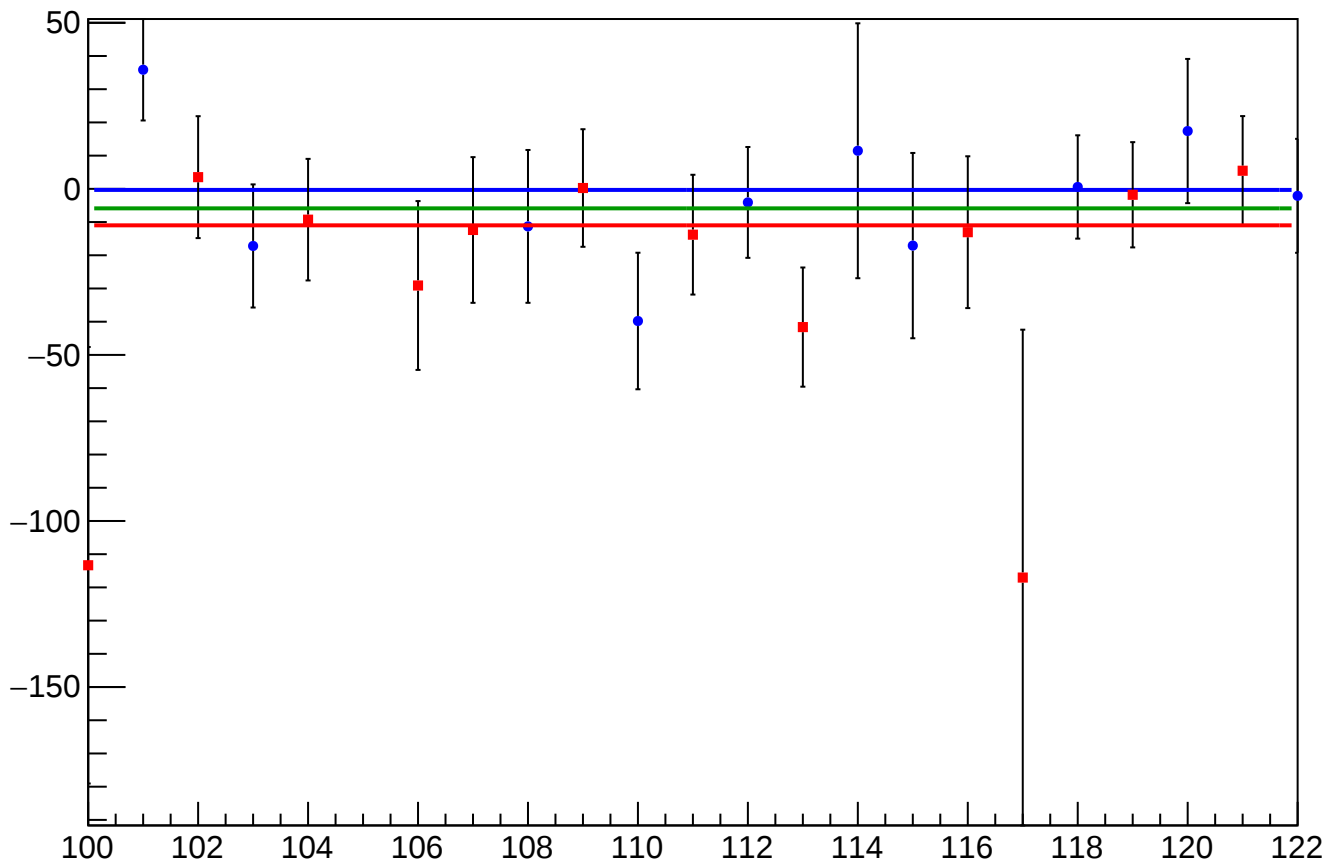
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5973.782+/-2.257 χ^2/NDF : 462516.7/9

5315.505+/-1.414 χ^2/NDF : 1551434.4/21

4889.985+/-1.814 χ^2/NDF : 948839.8/11

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.322+/-6.125 χ^2 /NDF: 11.5/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -10.987+/-5.877 χ^2 /NDF: 10.3/11

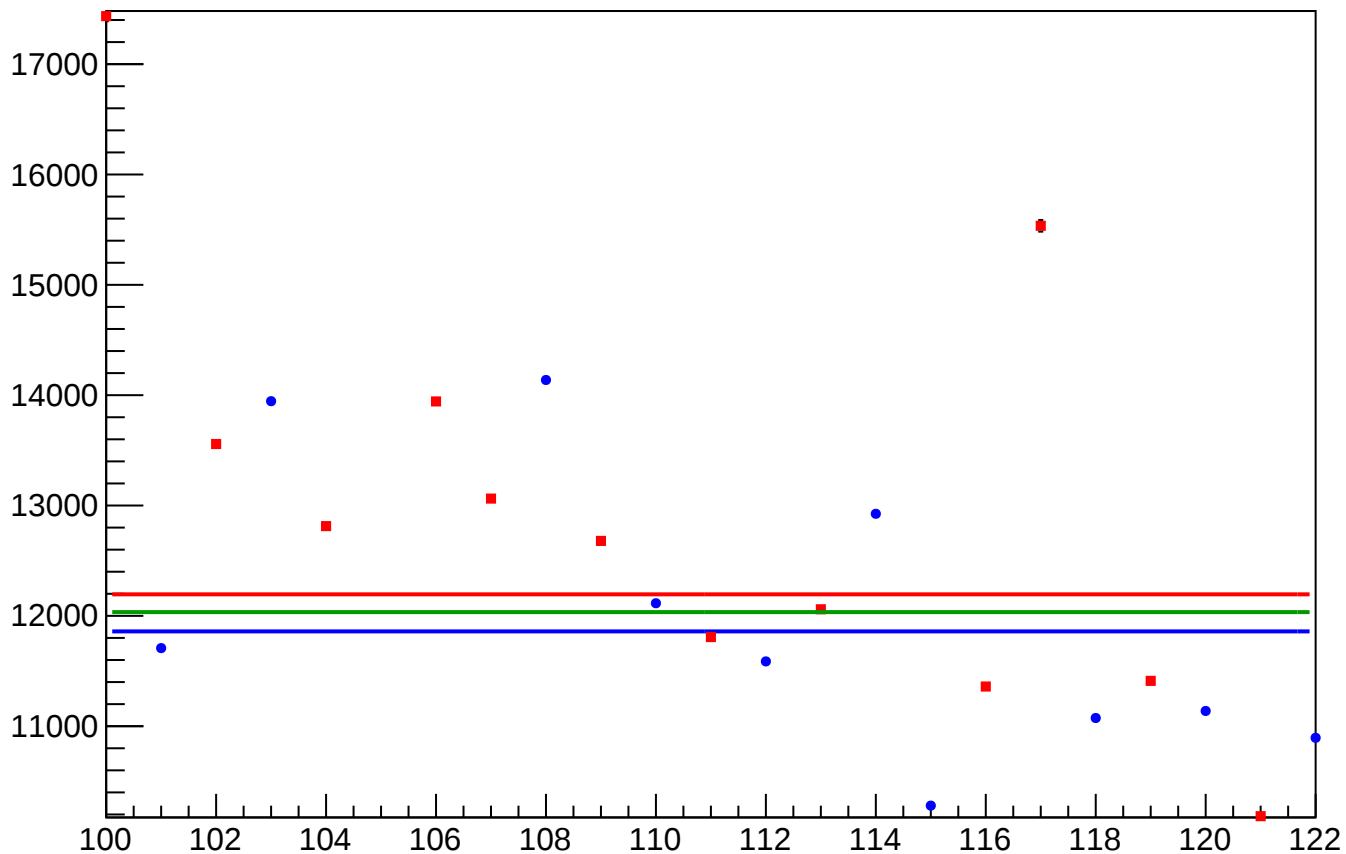
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.322+/-6.125 χ^2 /NDF: 11.5/9

-5.875+/-4.240 χ^2 /NDF: 23.4/21

-10.987+/-5.877 χ^2 /NDF: 10.3/11

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 11859.242 $\pm$ 4.331 χ^2 /NDF: 67552.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 12194.991 $\pm$ 4.155 χ^2 /NDF: 82584.2/11

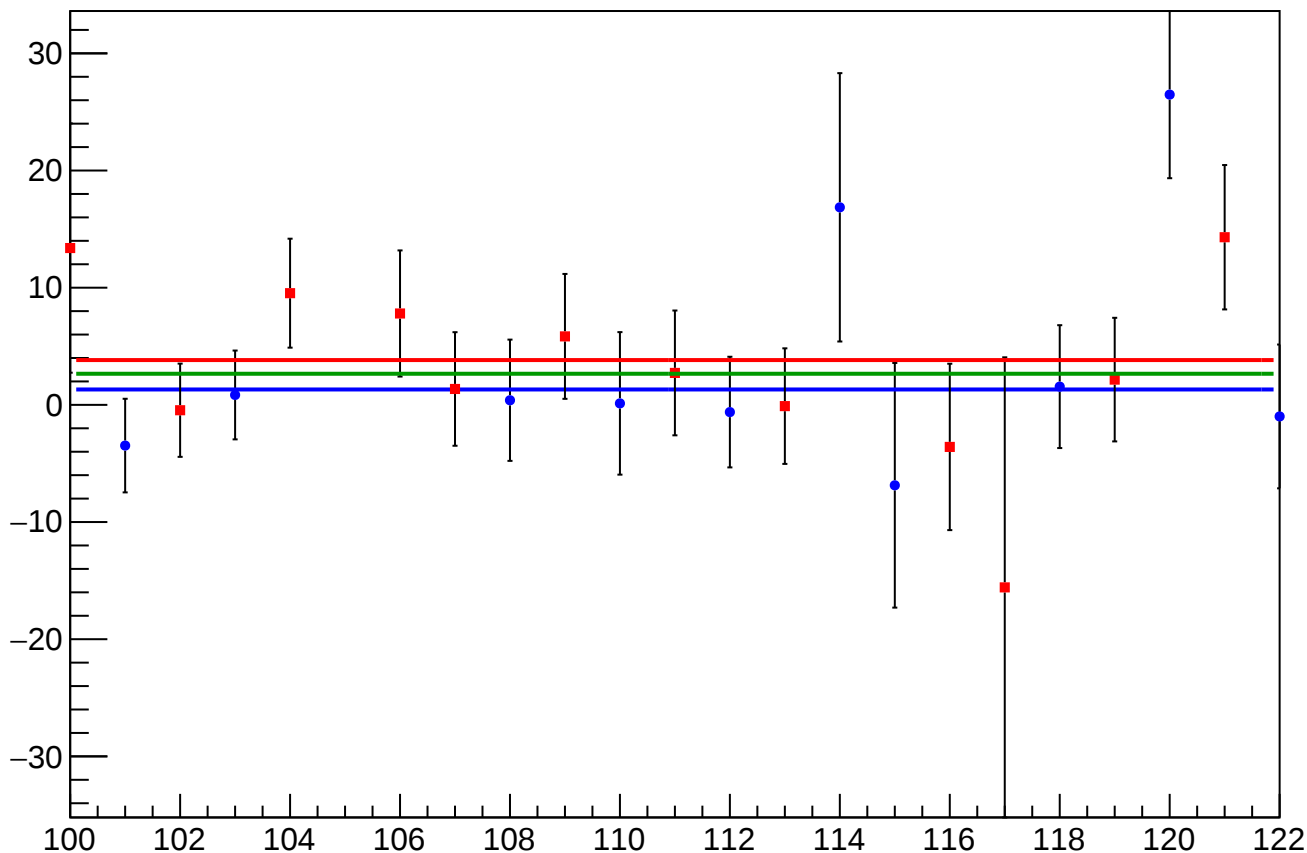
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

11859.242 $\pm$ 4.331 χ^2 /NDF: 67552.6/9

12034.055 $\pm$ 2.998 χ^2 /NDF: 153266.0/21

12194.991 $\pm$ 4.155 χ^2 /NDF: 82584.2/11

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 1.314+/-1.713 χ^2/NDF : 16.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.823+/-1.598 χ^2/NDF : 10.2/11

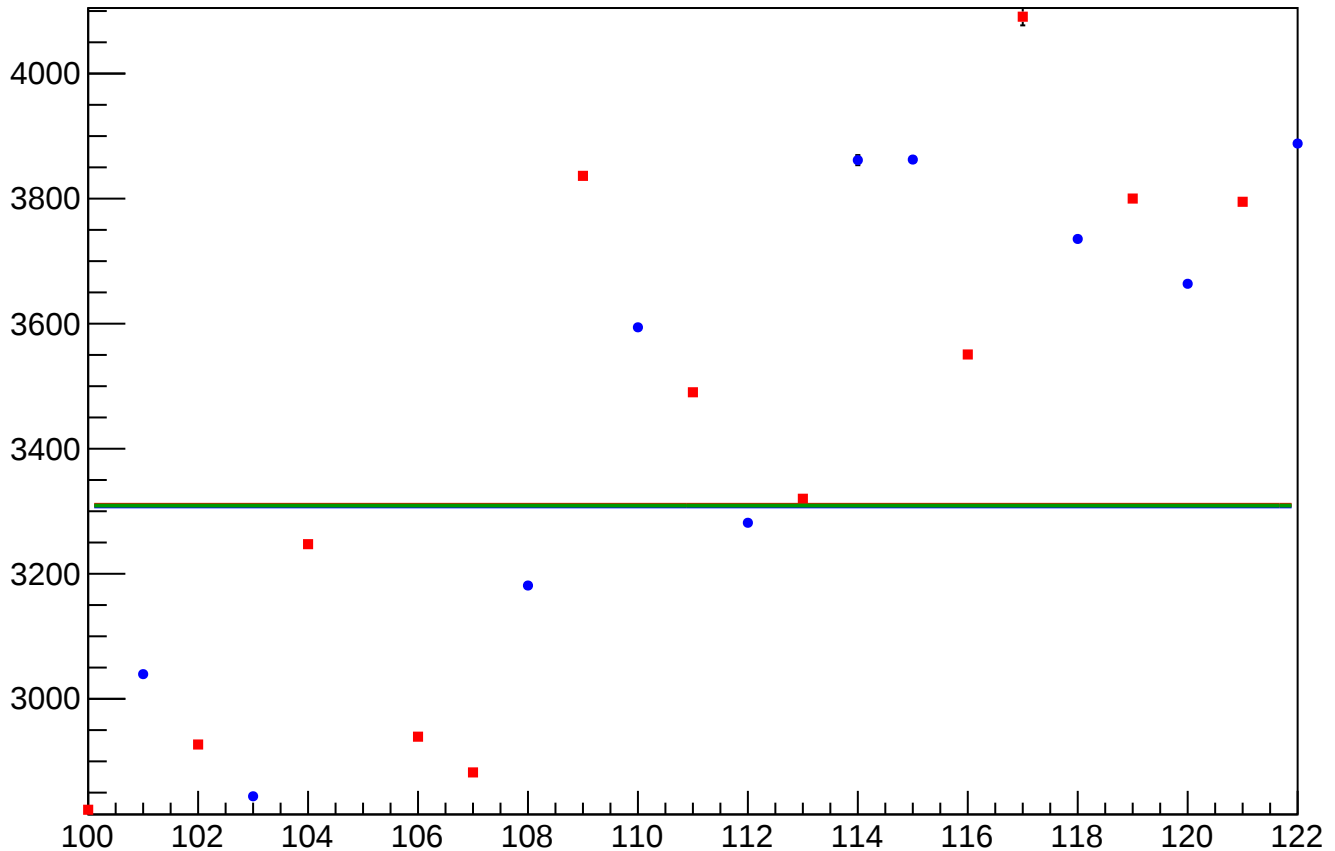
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.314+/-1.713 χ^2/NDF : 16.7/9

2.655+/-1.168 χ^2/NDF : 28.0/21

3.823+/-1.598 χ^2/NDF : 10.2/11

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3307.864+/-1.211 χ^2/NDF : 91140.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3310.238+/-1.130 χ^2/NDF : 105086.2/11

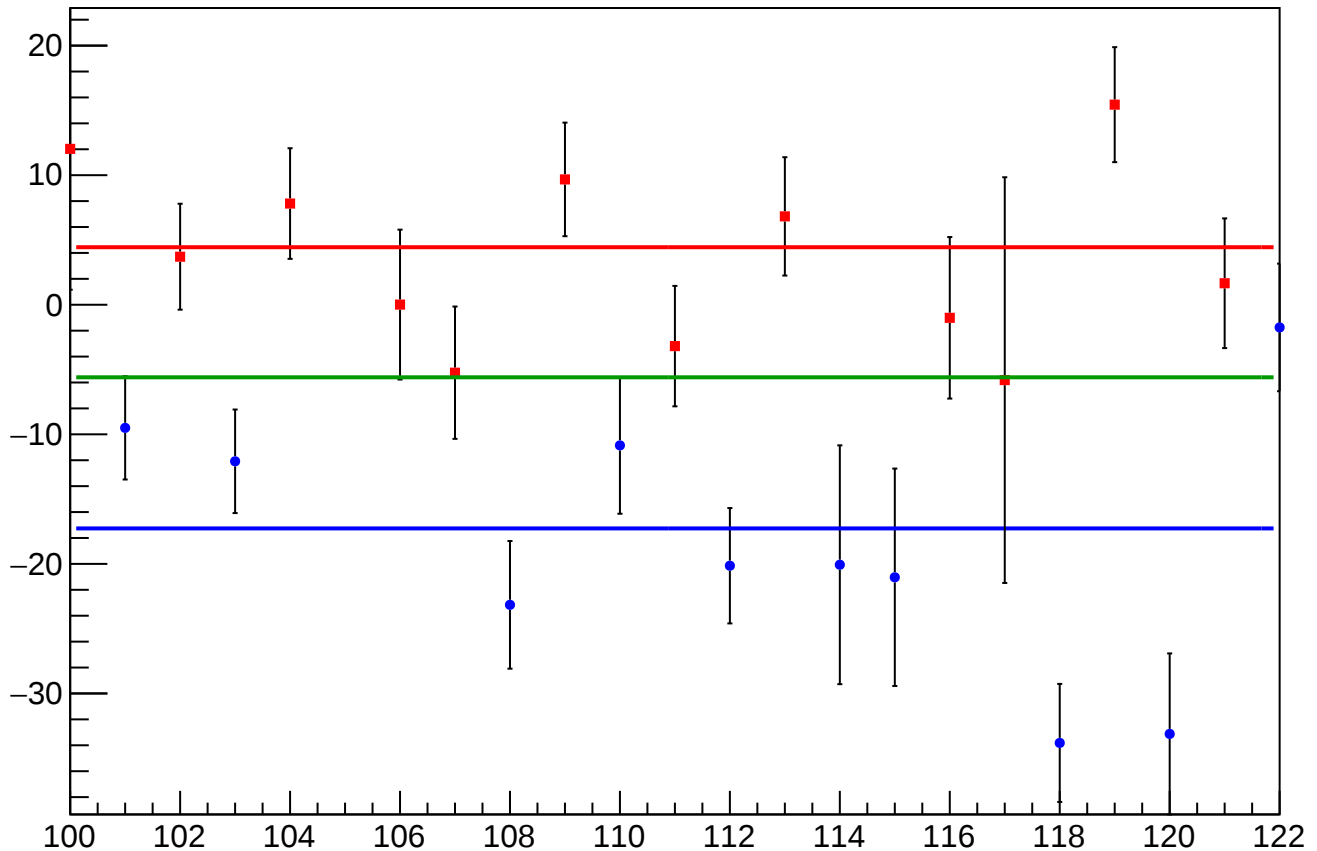
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3307.864+/-1.211 χ^2/NDF : 91140.4/9

3309.133+/-0.826 χ^2/NDF : 196228.7/21

3310.238+/-1.130 χ^2/NDF : 105086.2/11

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -17.262 $\pm$ 1.592 χ^2 /NDF: 38.7/9

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

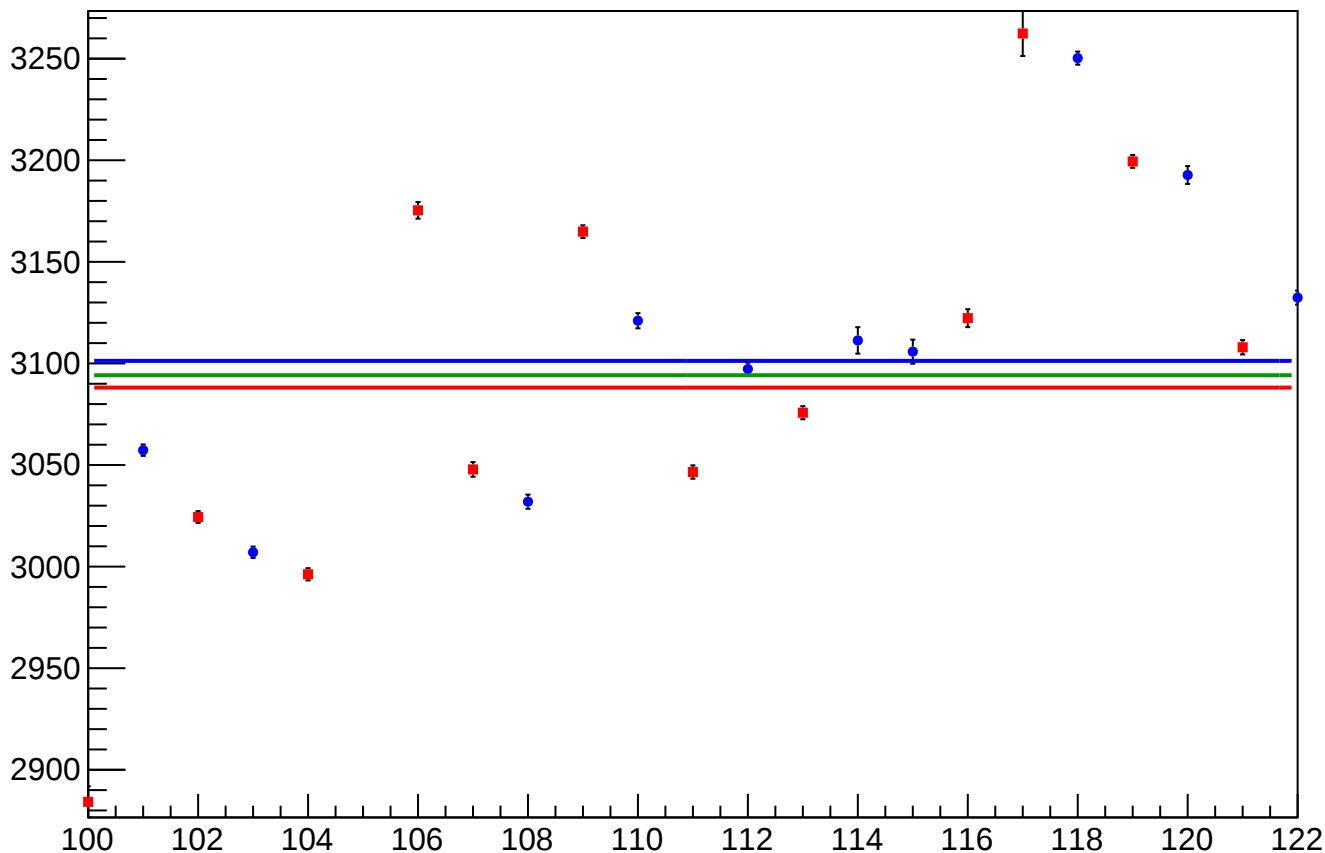
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-17.262 $\pm$ 1.592 χ^2 /NDF: 38.7/9

-5.600 $\pm$ 1.083 χ^2 /NDF: 156.0/21

4.441 $\pm$ 1.477 χ^2 /NDF: 17.4/11

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3101.265 $\pm$ 1.126 χ^2 /NDF: 4437.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3088.108 $\pm$ 1.045 χ^2 /NDF: 5081.4/11

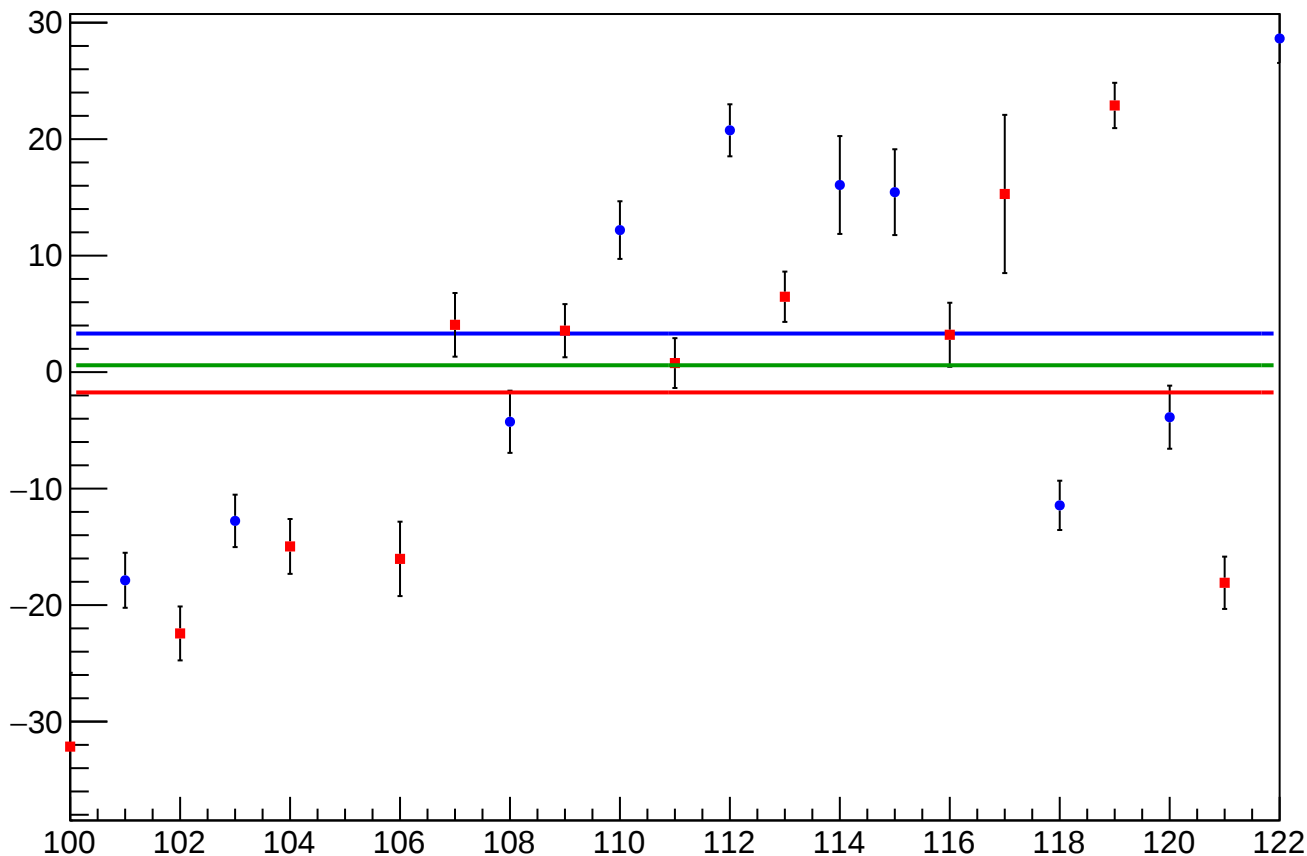
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3101.265 $\pm$ 1.126 χ^2 /NDF: 4437.1/9

3094.195 $\pm$ 0.766 χ^2 /NDF: 9591.9/21

3088.108 $\pm$ 1.045 χ^2 /NDF: 5081.4/11

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 3.312 $\pm$ 0.791 χ^2 /NDF: 434.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.744 $\pm$ 0.732 χ^2 /NDF: 403.2/11

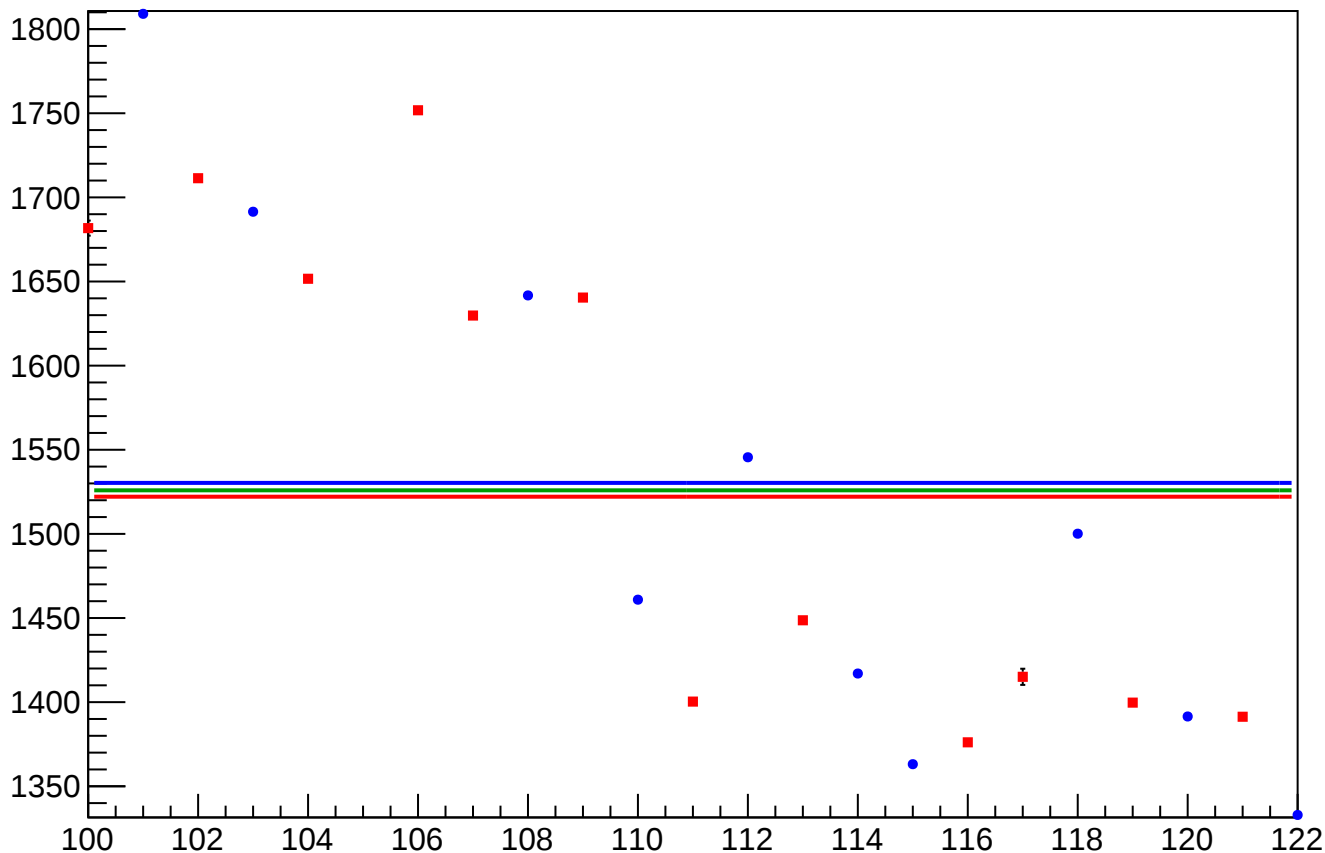
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3.312 $\pm$ 0.791 χ^2 /NDF: 434.7/9

0.589 $\pm$ 0.537 χ^2 /NDF: 859.9/21

-1.744 $\pm$ 0.732 χ^2 /NDF: 403.2/11

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1530.310+/-0.559 χ^2/NDF : 72183.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1522.106+/-0.518 χ^2/NDF : 69167.0/11

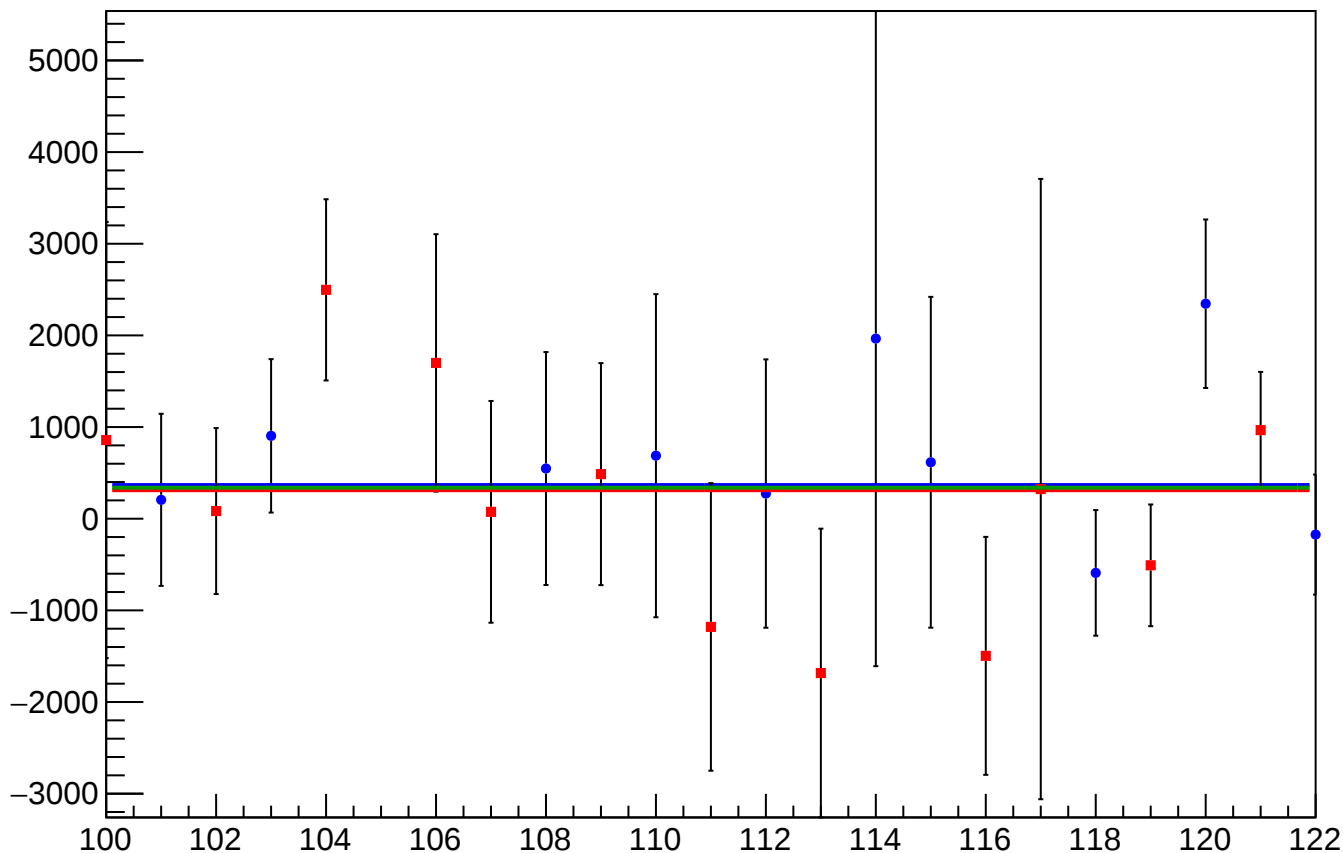
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1530.310+/-0.559 χ^2/NDF : 72183.6/9

1525.891+/-0.380 χ^2/NDF : 141466.5/21

1522.106+/-0.518 χ^2/NDF : 69167.0/11

asym_sam1_mean vs Slug, Sign Corrected



Right In: 366.985+/-316.220 χ^2/NDF : 8.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 311.325+/-308.175 χ^2/NDF : 13.1/11

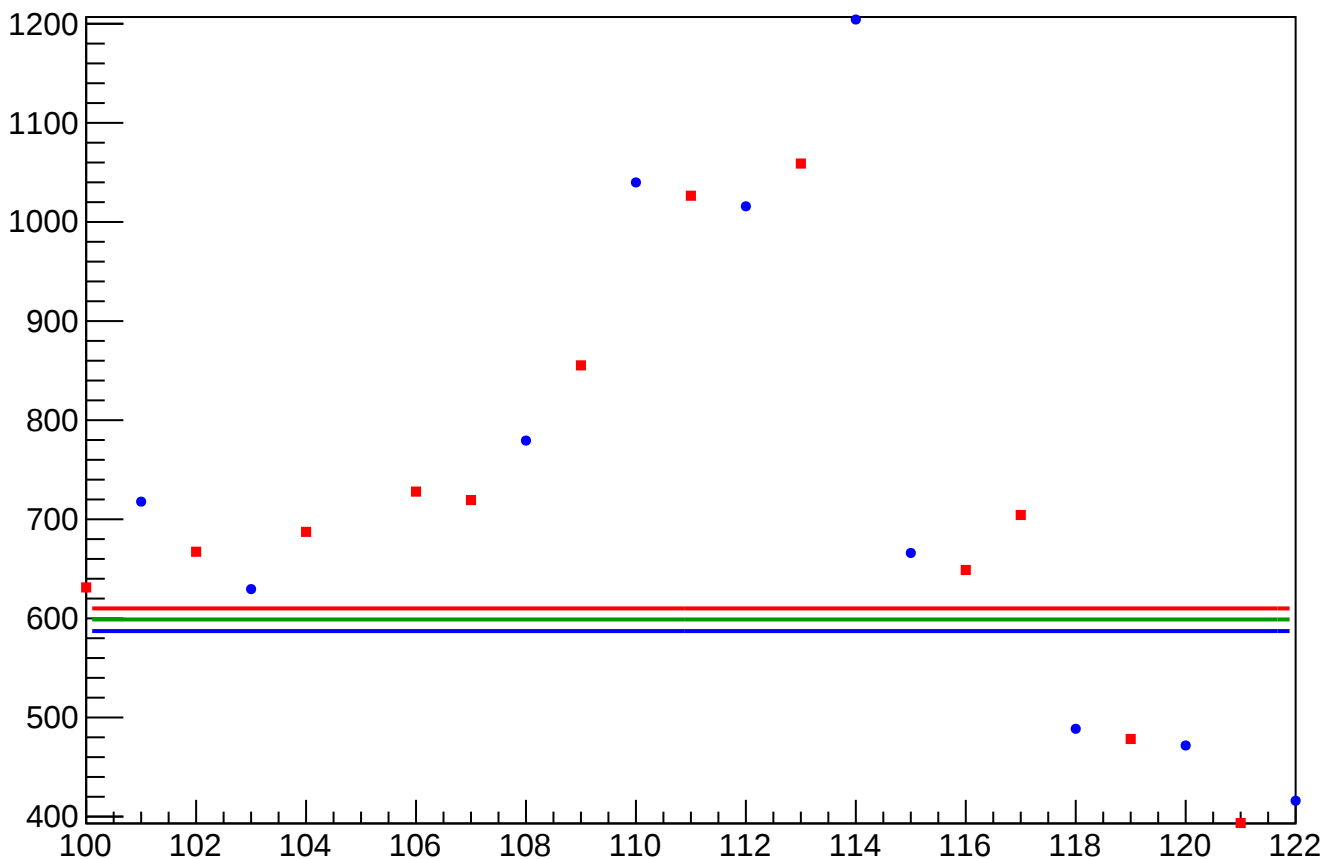
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

366.985+/-316.220 χ^2/NDF : 8.0/9

338.438+/-220.702 χ^2/NDF : 21.1/21

311.325+/-308.175 χ^2/NDF : 13.1/11

asym_sam1_rms vs Slug, Sign Corrected



Right In: 587.213+/-0.224 χ^2/NDF : 666063.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 610.062+/-0.218 χ^2/NDF : 750575.6/11

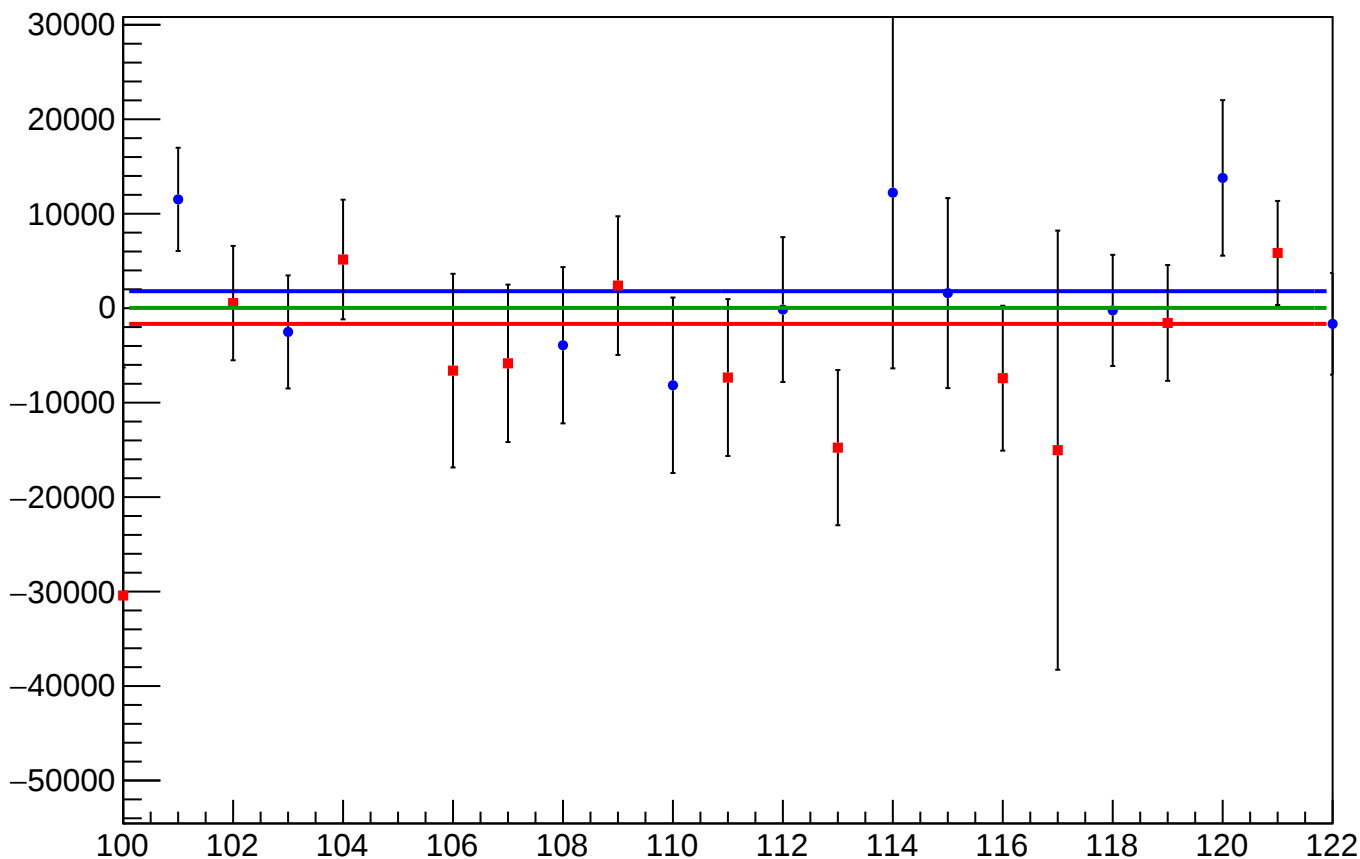
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

587.213+/-0.224 χ^2/NDF : 666063.0/9

598.932+/-0.156 χ^2/NDF : 1421994.2/21

610.062+/-0.218 χ^2/NDF : 750575.6/11

asym_sam2_mean vs Slug, Sign Corrected



Right In: 1799.507+/-2261.502 χ^2/NDF : 8.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1661.091+/-2213.299 χ^2/NDF : 9.3/11

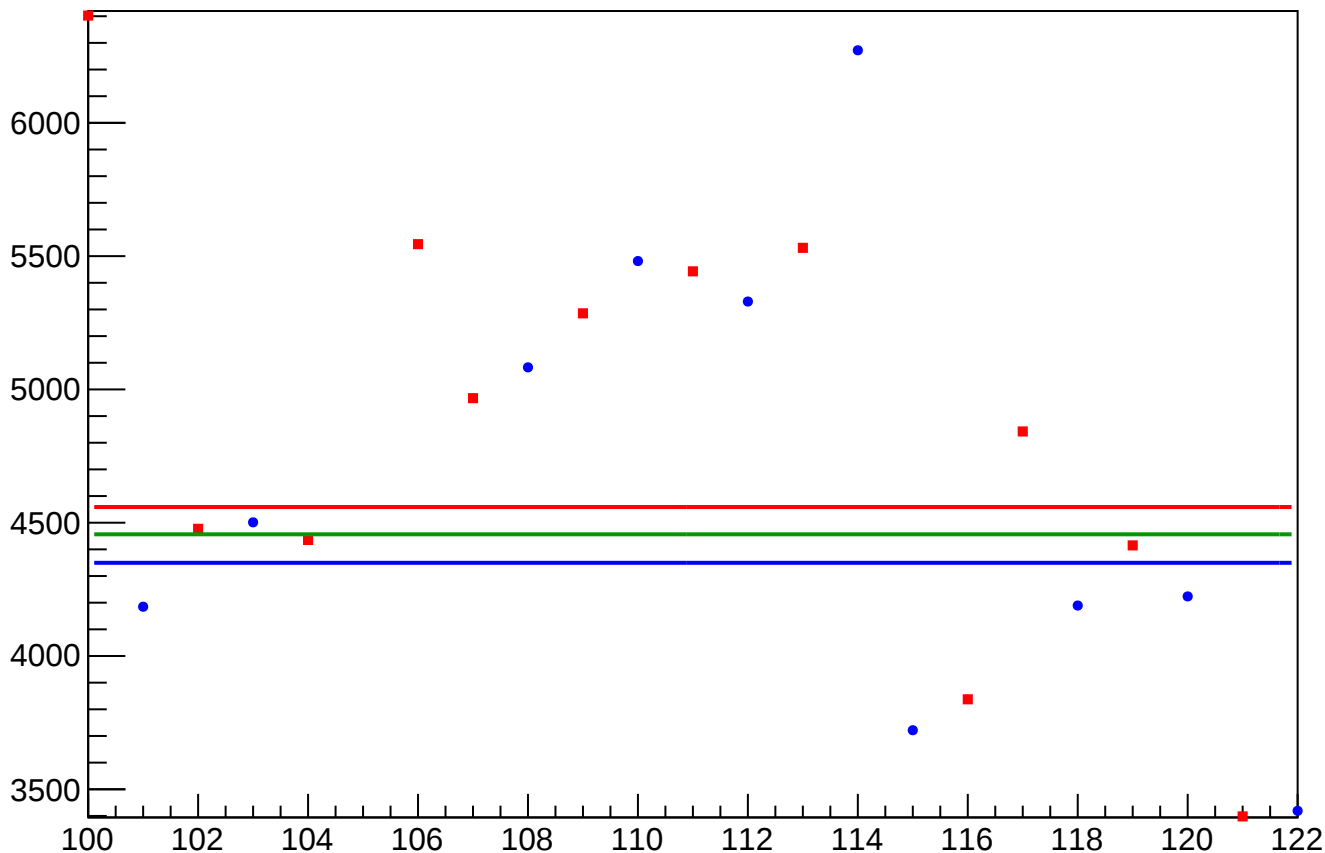
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1799.507+/-2261.502 χ^2/NDF : 8.3/9

31.934+/-1581.806 χ^2/NDF : 18.8/21

-1661.091+/-2213.299 χ^2/NDF : 9.3/11

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4349.585+/-1.599 χ^2/NDF : 172075.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4558.846+/-1.565 χ^2/NDF : 214284.4/11

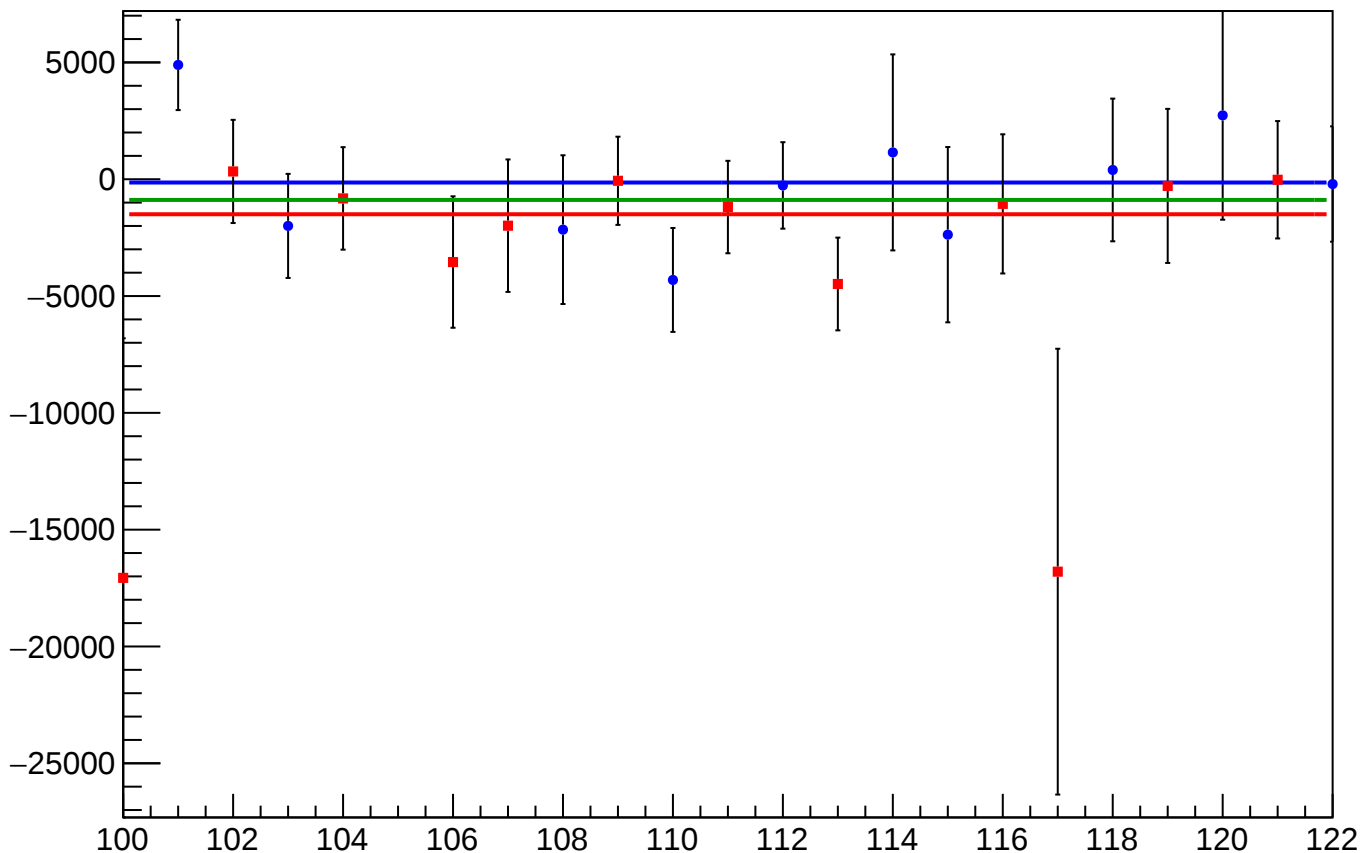
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4349.585+/-1.599 χ^2/NDF : 172075.4/9

4456.469+/-1.119 χ^2/NDF : 395106.4/21

4558.846+/-1.565 χ^2/NDF : 214284.4/11

asym_sam3_mean vs Slug, Sign Corrected



Right In: -140.269+/-813.435 χ^2/NDF : 12.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1498.659+/-737.759 χ^2/NDF : 9.6/11

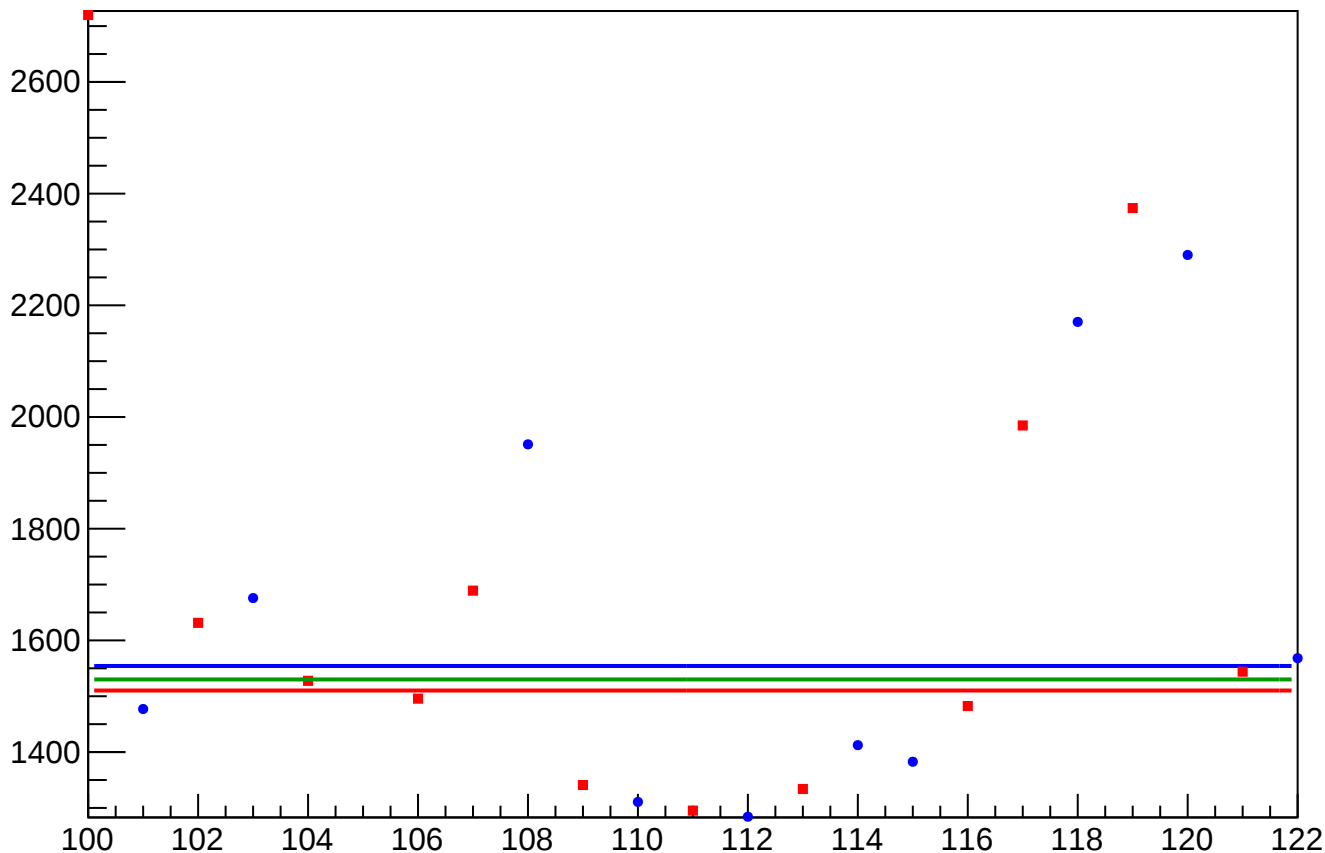
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-140.269+/-813.435 χ^2/NDF : 12.3/9

-885.577+/-546.475 χ^2/NDF : 23.4/21

-1498.659+/-737.759 χ^2/NDF : 9.6/11

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1554.194+/-0.575 χ^2/NDF : 248987.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1510.257+/-0.522 χ^2/NDF : 240192.9/11

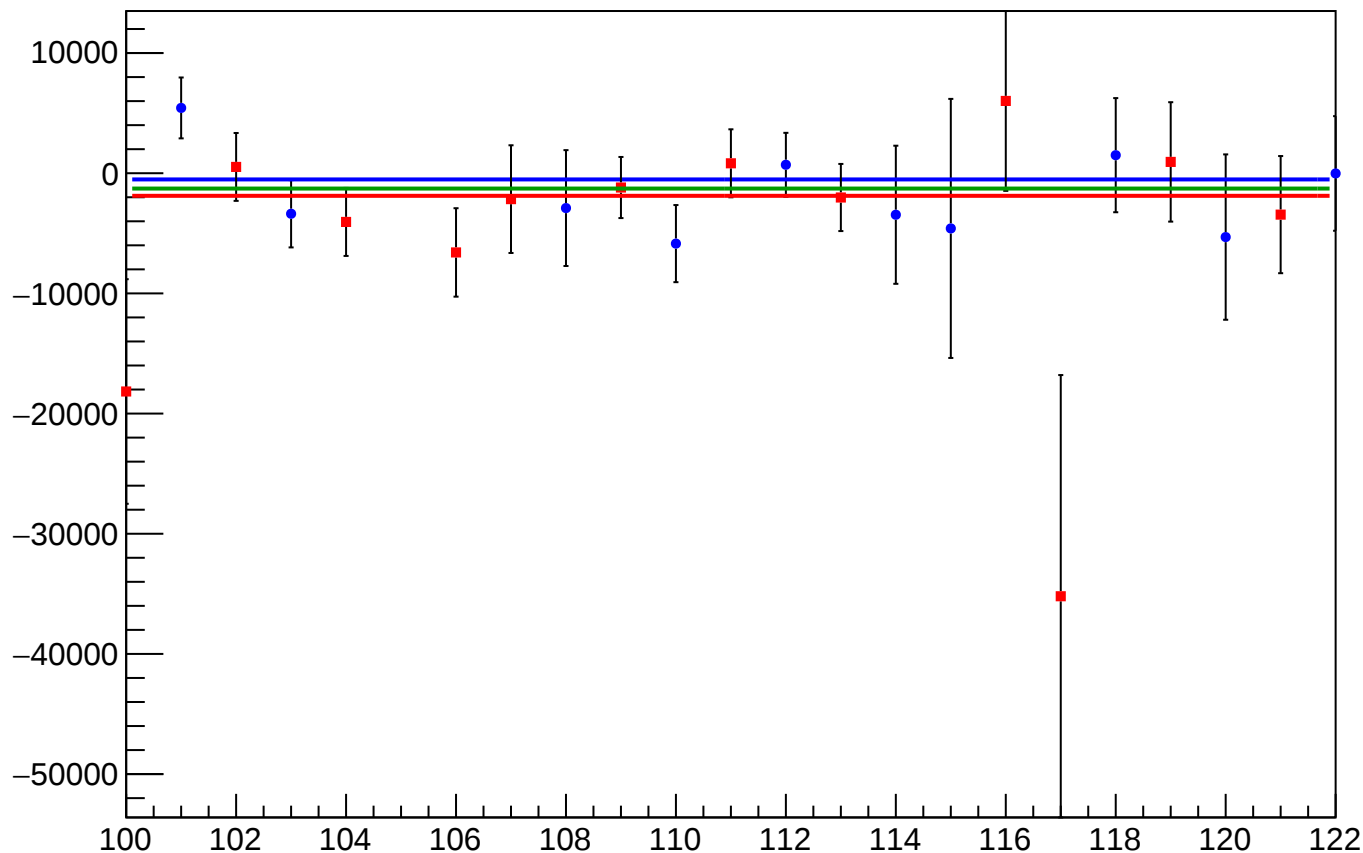
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1554.194+/-0.575 χ^2/NDF : 248987.2/9

1530.087+/-0.386 χ^2/NDF : 492381.7/21

1510.257+/-0.522 χ^2/NDF : 240192.9/11

asym_sam4_mean vs Slug, Sign Corrected



Right In: -516.428+/-1183.824 χ^2/NDF : 10.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1880.528+/-1056.040 χ^2/NDF : 11.8/11

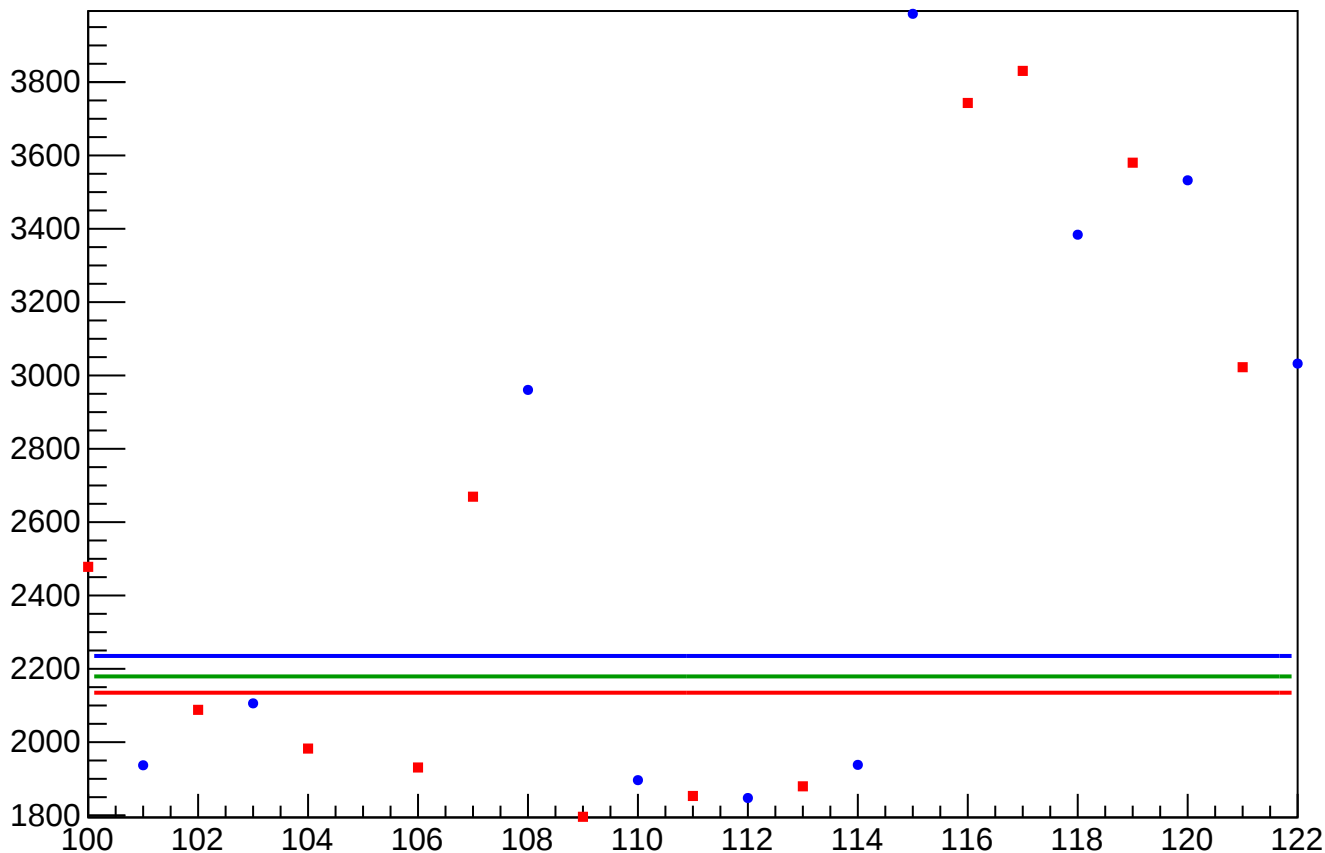
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-516.428+/-1183.824 χ^2/NDF : 10.9/9

-1276.048+/-788.052 χ^2/NDF : 23.4/21

-1880.528+/-1056.040 χ^2/NDF : 11.8/11

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2235.095 $\pm$ 0.837 χ^2 /NDF: 444221.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2134.864 $\pm$ 0.747 χ^2 /NDF: 460598.9/11

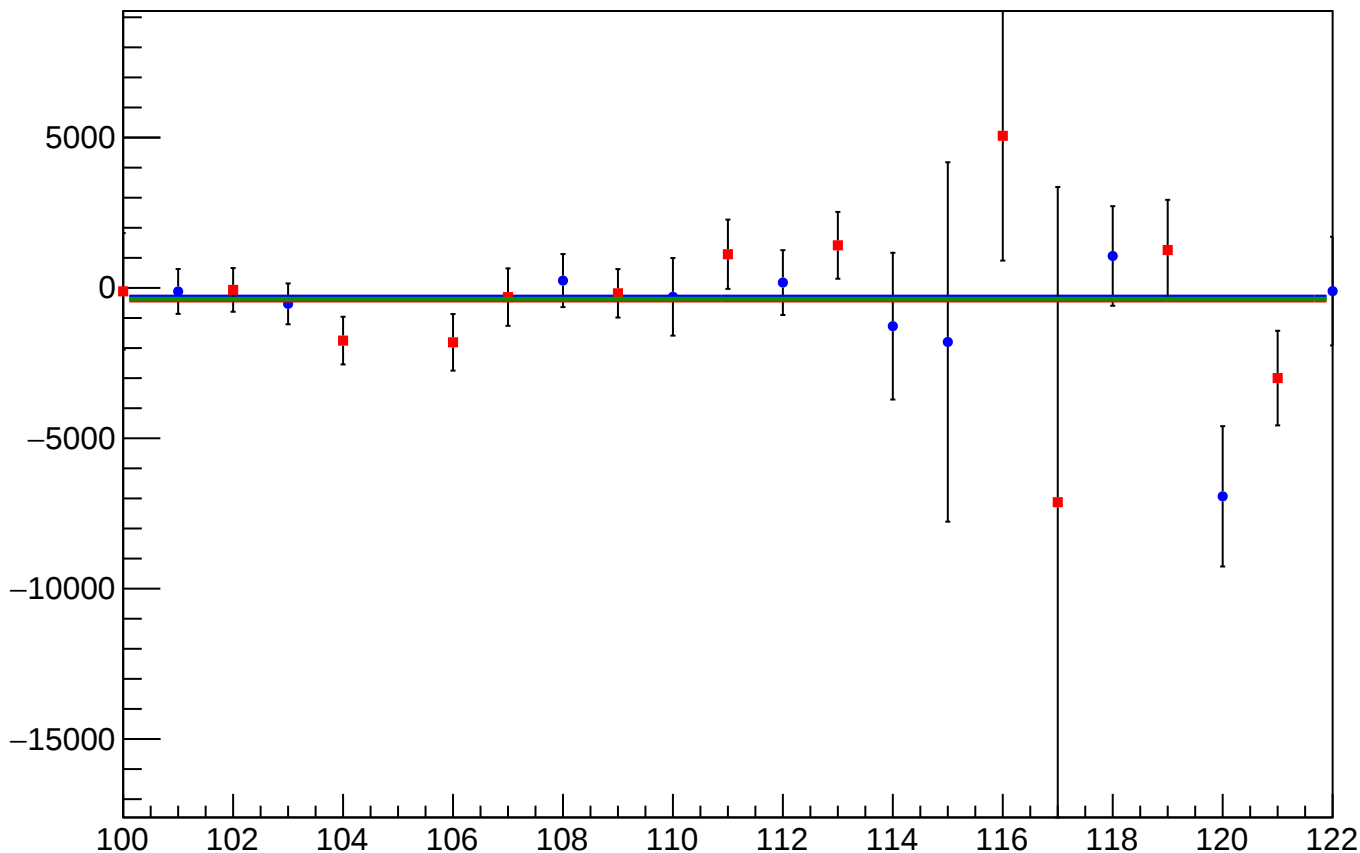
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2235.095 $\pm$ 0.837 χ^2 /NDF: 444221.9/9

2179.280 $\pm$ 0.557 χ^2 /NDF: 912804.6/21

2134.864 $\pm$ 0.747 χ^2 /NDF: 460598.9/11

asym_sam5_mean vs Slug, Sign Corrected



Right In: -289.694+/-358.957 χ^2/NDF : 9.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -417.438+/-317.658 χ^2/NDF : 15.7/11

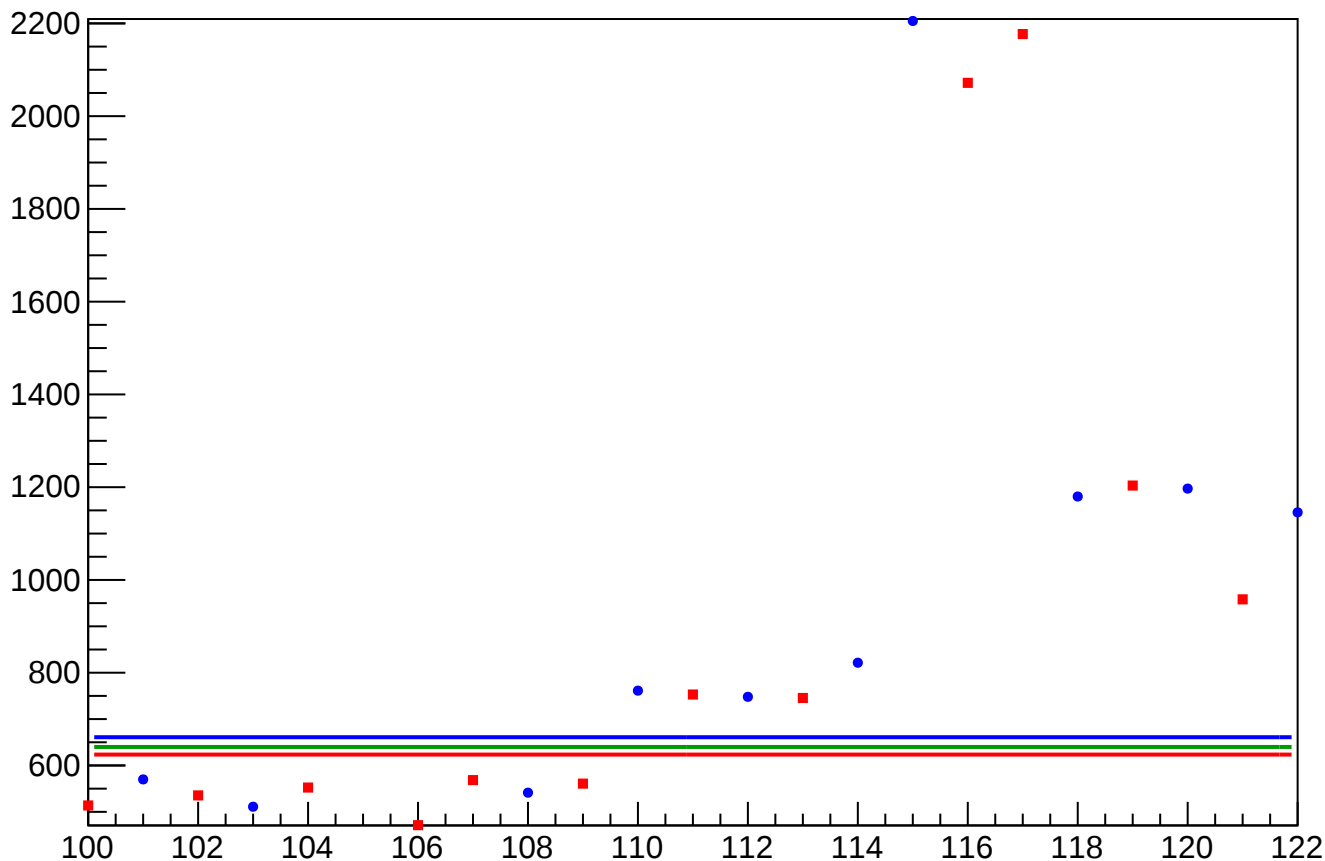
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-289.694+/-358.957 χ^2/NDF : 9.7/9

-361.334+/-237.885 χ^2/NDF : 25.5/21

-417.438+/-317.658 χ^2/NDF : 15.7/11

asym_sam5_rms vs Slug, Sign Corrected



Right In: 660.914+/-0.254 χ^2/NDF : 777138.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 623.470+/-0.225 χ^2/NDF : 791443.5/11

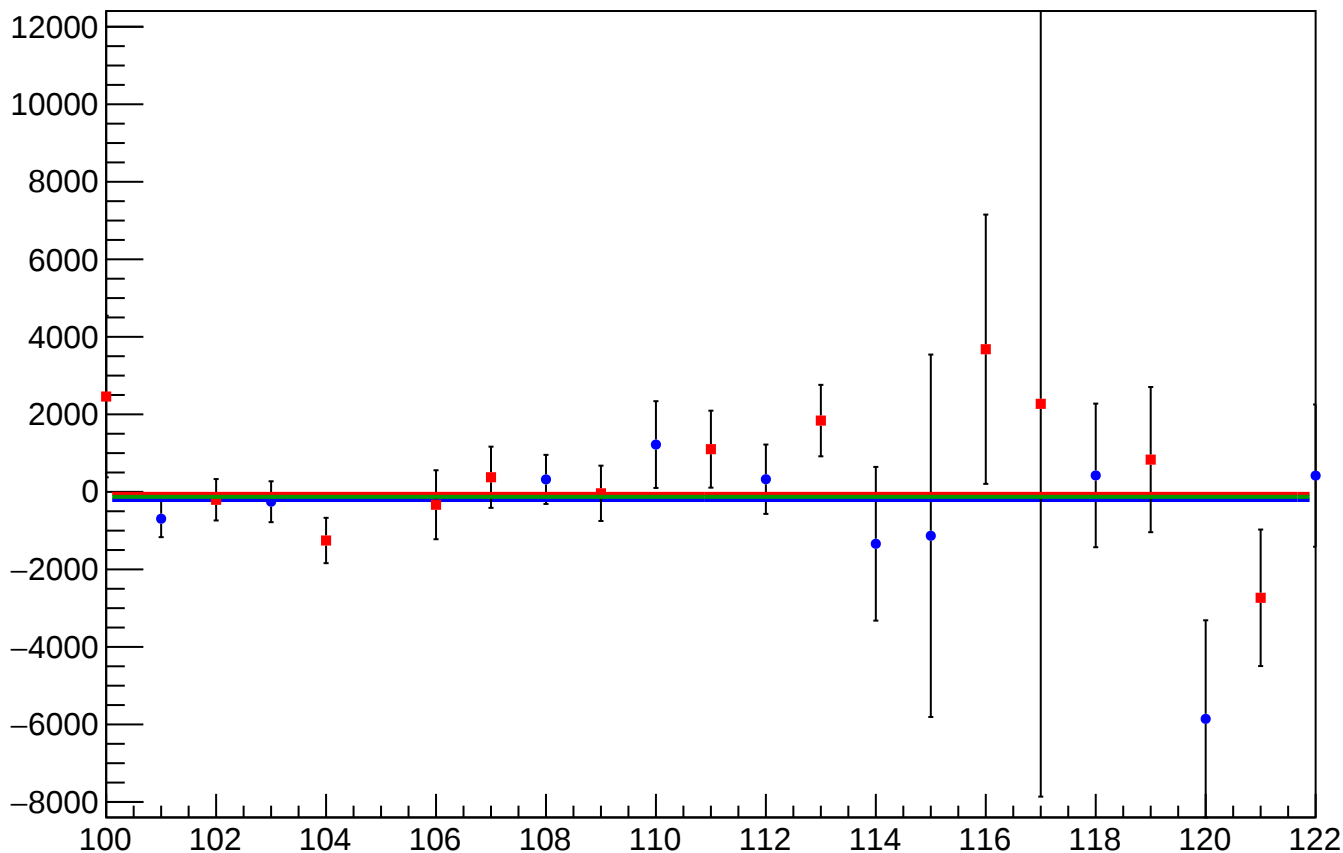
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

660.914+/-0.254 χ^2/NDF : 777138.3/9

639.915+/-0.168 χ^2/NDF : 1580786.3/21

623.470+/-0.225 χ^2/NDF : 791443.5/11

asym_sam6_mean vs Slug, Sign Corrected



Right In: -209.623+/-270.976 χ^2 /NDF: 9.3/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -51.163+/-263.702 χ^2 /NDF: 15.5/11

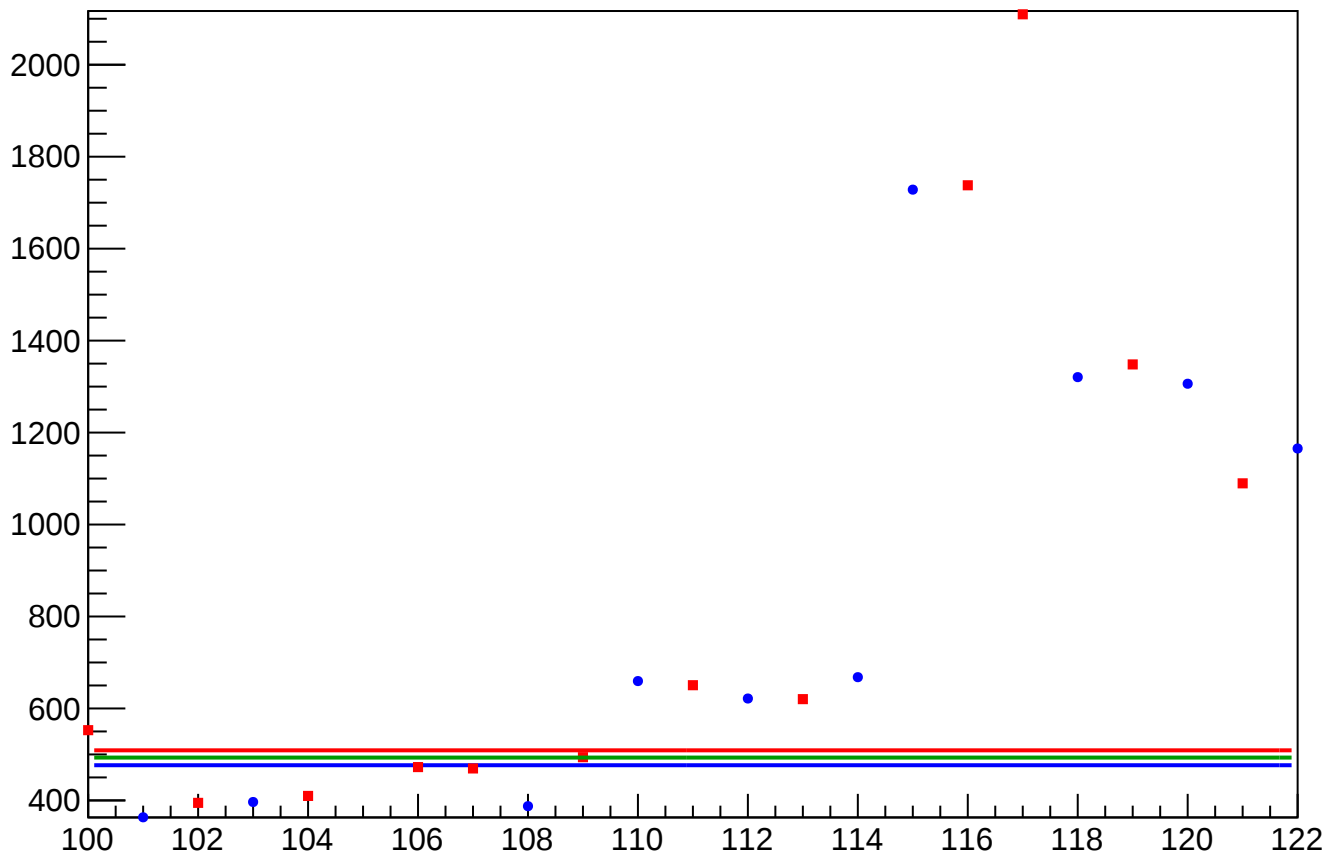
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-209.623+/-270.976 χ^2 /NDF: 9.3/9

-128.237+/-188.985 χ^2 /NDF: 24.9/21

-51.163+/-263.702 χ^2 /NDF: 15.5/11

asym_sam6_rms vs Slug, Sign Corrected



Right In: 476.531+/-0.192 χ^2/NDF : 1377282.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 508.943+/-0.186 χ^2/NDF : 1148323.7/11

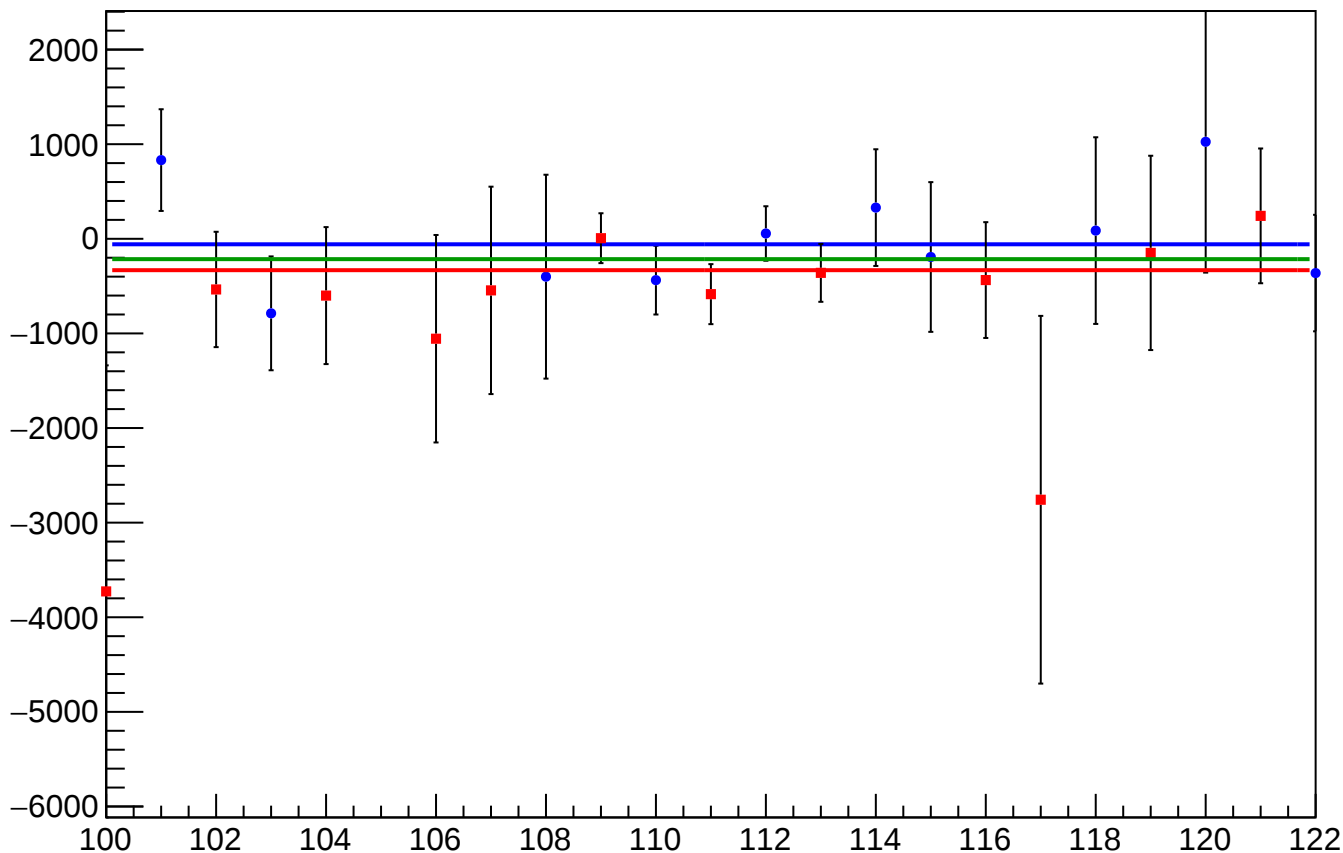
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

476.531+/-0.192 χ^2/NDF : 1377282.4/9

493.178+/-0.134 χ^2/NDF : 2540302.2/21

508.943+/-0.186 χ^2/NDF : 1148323.7/11

asym_sam7_mean vs Slug, Sign Corrected



Right In: -58.022+/-168.708 χ^2/NDF : 6.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -331.699+/-145.386 χ^2/NDF : 7.3/11

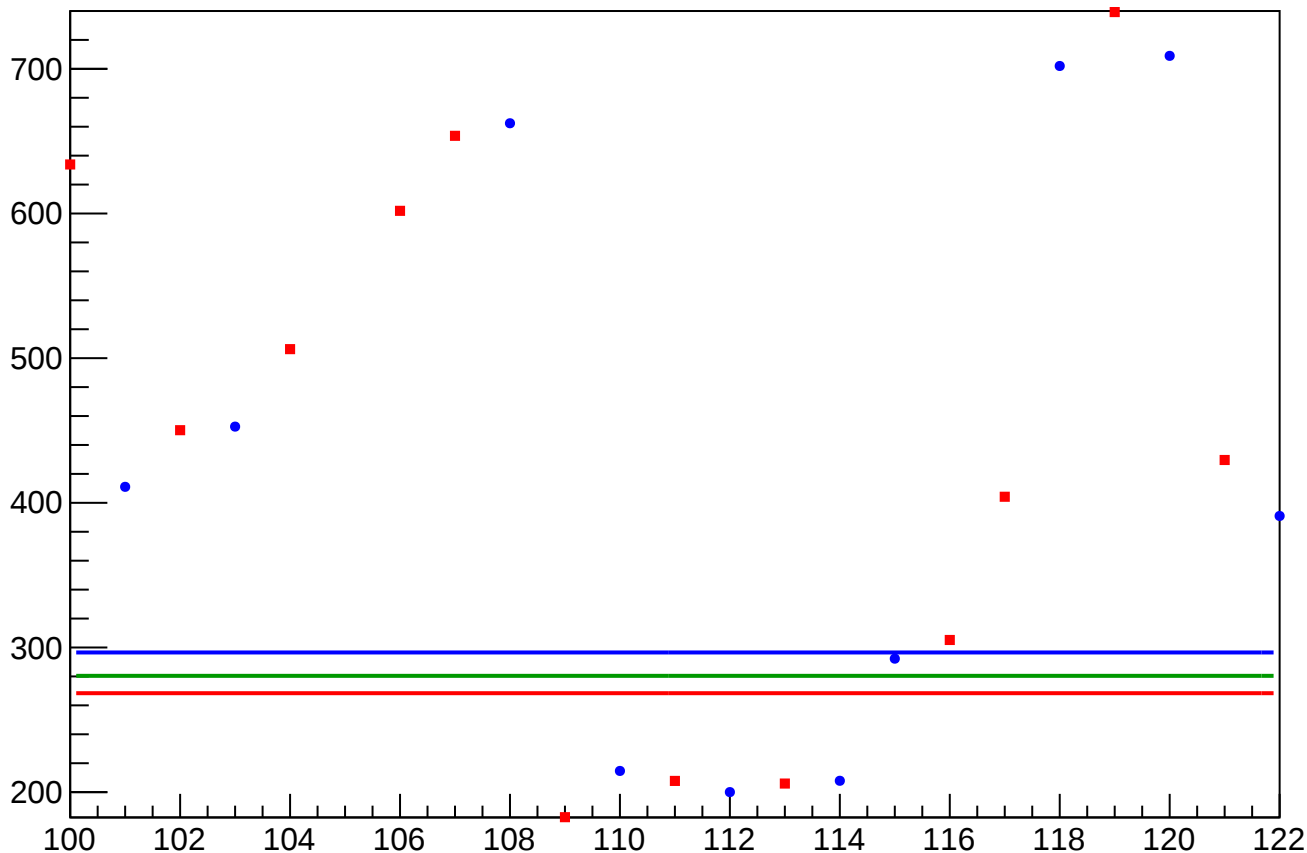
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-58.022+/-168.708 χ^2/NDF : 6.9/9

-215.070+/-110.134 χ^2/NDF : 15.7/21

-331.699+/-145.386 χ^2/NDF : 7.3/11

asym_sam7_rms vs Slug, Sign Corrected



Right In: 296.562 $\pm$ 0.119 χ^2 /NDF: 1386621.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 268.407 $\pm$ 0.103 χ^2 /NDF: 1780689.7/11

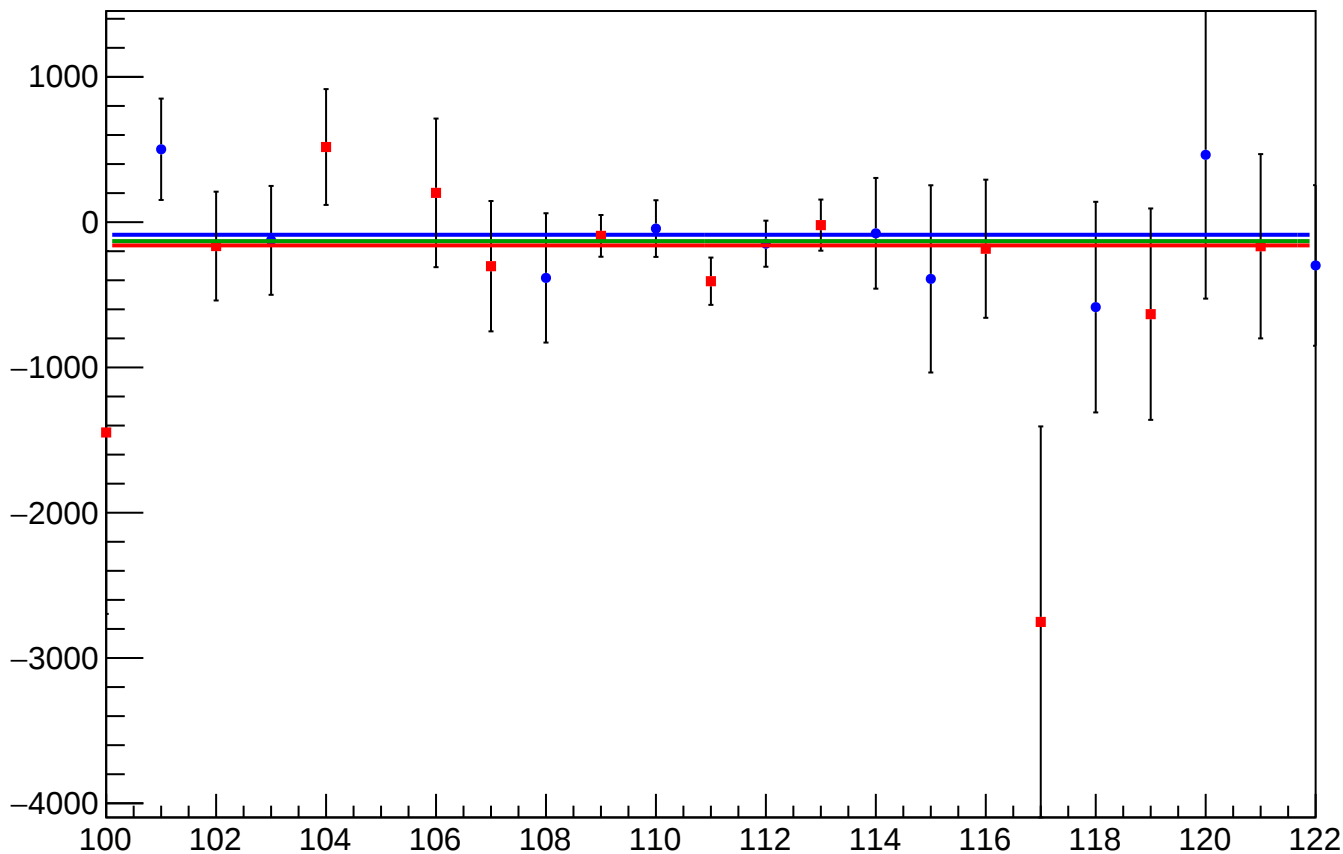
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

296.562 $\pm$ 0.119 χ^2 /NDF: 1386621.4/9

280.405 $\pm$ 0.078 χ^2 /NDF: 3199276.3/21

268.407 $\pm$ 0.103 χ^2 /NDF: 1780689.7/11

asym_sam8_mean vs Slug, Sign Corrected



Right In: -86.764 $\pm$ 99.053 χ^2 /NDF: 4.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -159.813 $\pm$ 81.451 χ^2 /NDF: 11.8/11

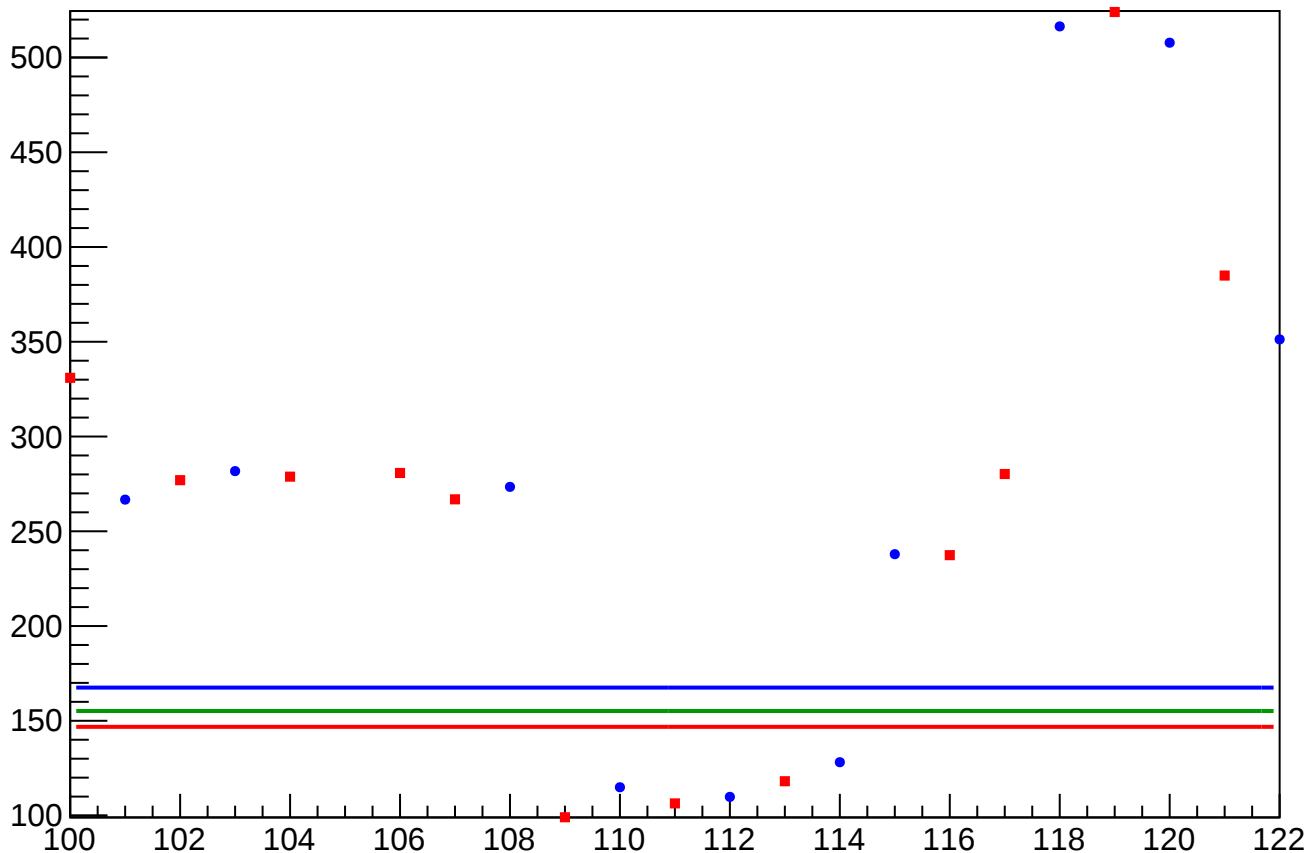
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-86.764 $\pm$ 99.053 χ^2 /NDF: 4.6/9

-130.345 $\pm$ 62.913 χ^2 /NDF: 16.8/21

-159.813 $\pm$ 81.451 χ^2 /NDF: 11.8/11

asym_sam8_rms vs Slug, Sign Corrected



Right In: 167.515 $\pm$ 0.070 χ^2 /NDF: 1836353.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 146.811 $\pm$ 0.058 χ^2 /NDF: 2093658.6/11

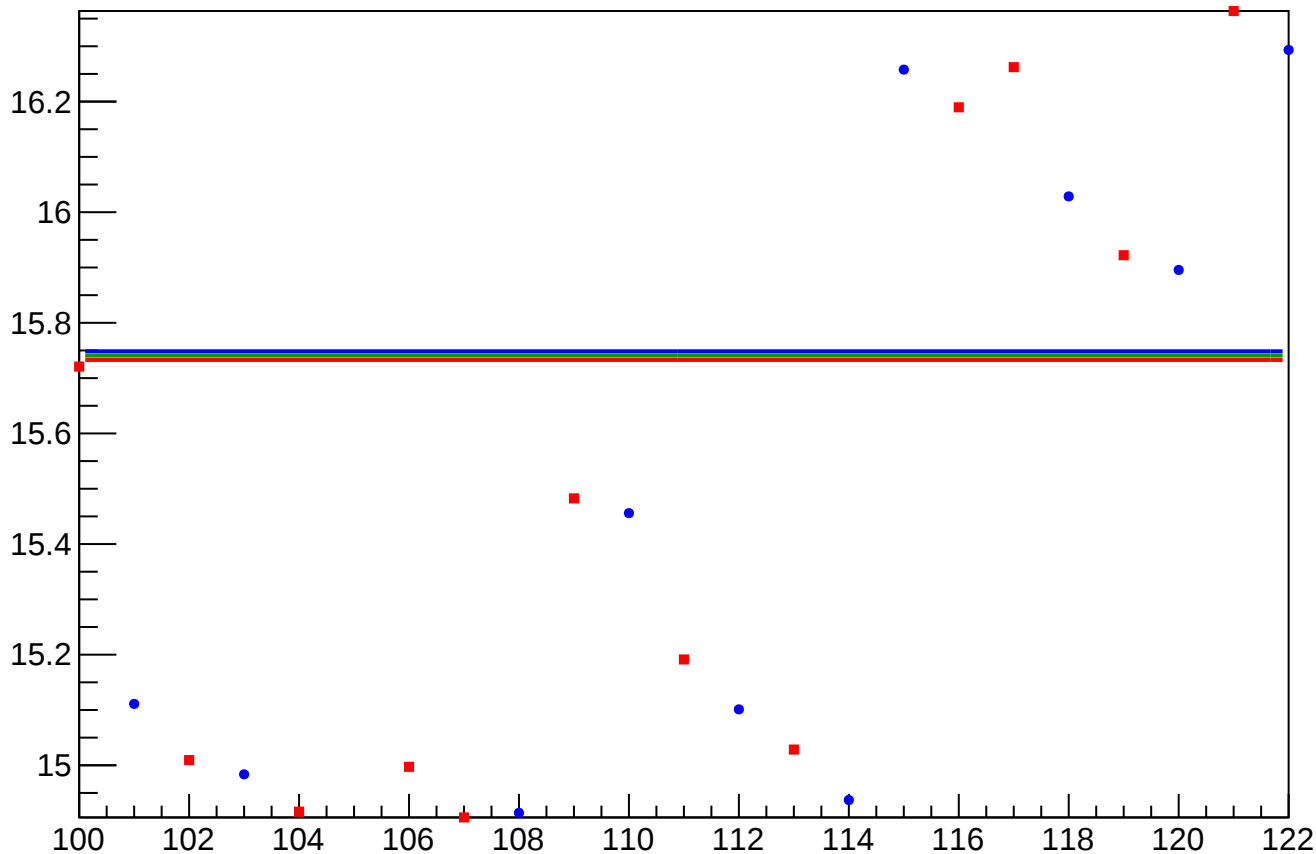
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

167.515 $\pm$ 0.070 χ^2 /NDF: 1836353.4/9

155.163 $\pm$ 0.044 χ^2 /NDF: 3982139.0/21

146.811 $\pm$ 0.058 χ^2 /NDF: 2093658.6/11

yield_sam1_mean vs Slug, Sign Corrected



Right In: 15.749+/-0.000 χ^2/NDF : 2966255065.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.733+/-0.000 χ^2/NDF : 3417223174.5/11

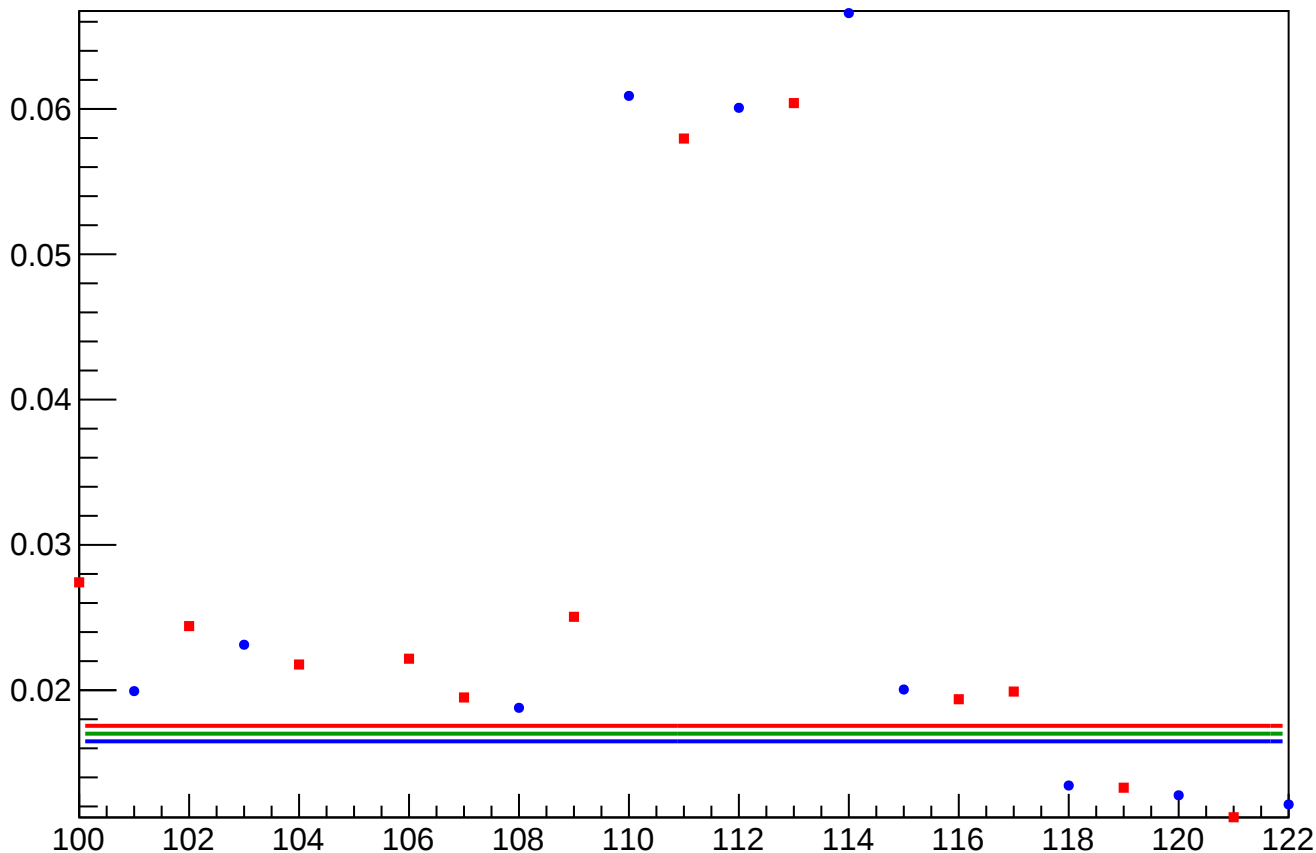
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15.749+/-0.000 χ^2/NDF : 2966255065.2/9

15.741+/-0.000 χ^2/NDF : 6384765064.0/2

15.733+/-0.000 χ^2/NDF : 3417223174.5/11

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 1259393.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.018+/-0.000 χ^2/NDF : 1378858.3/11

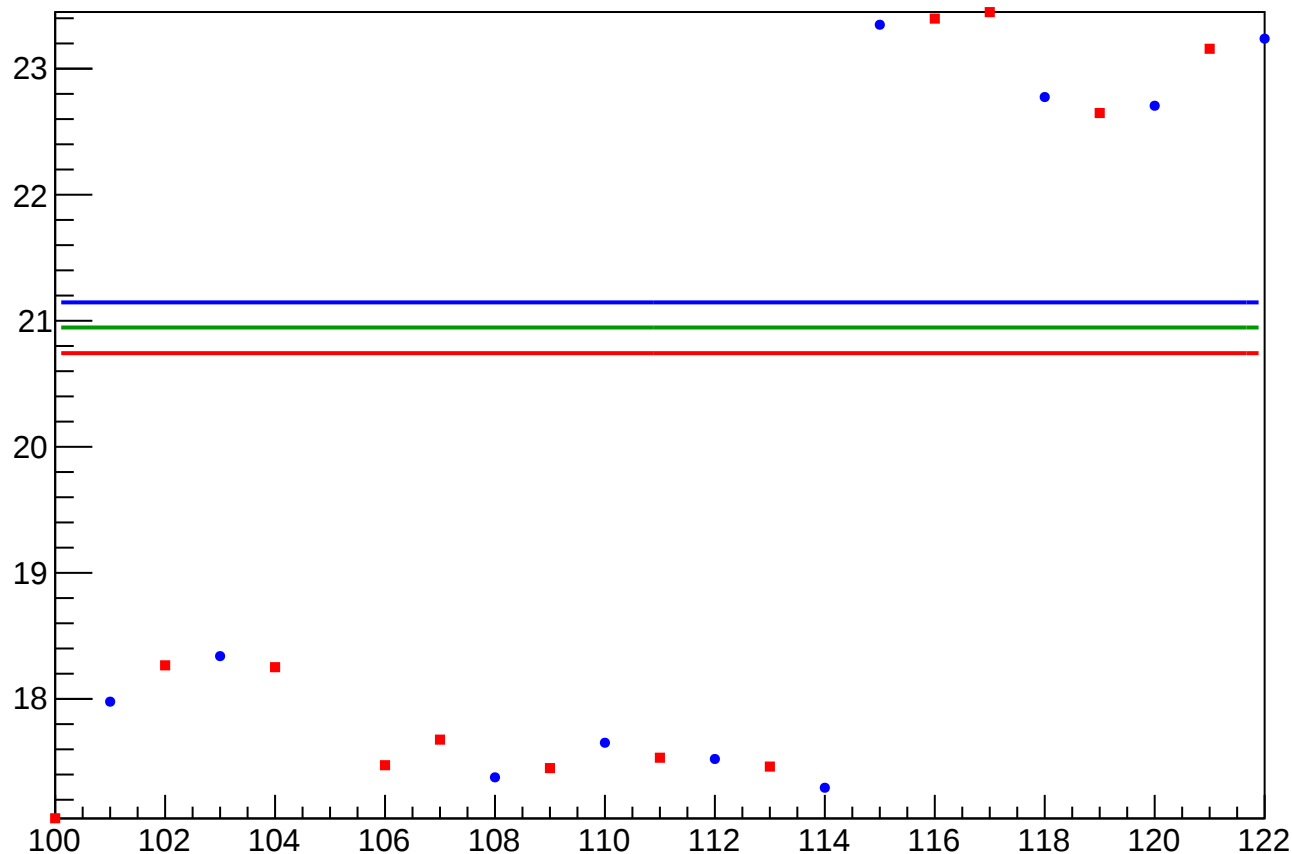
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 1259393.7/9

0.017+/-0.000 χ^2/NDF : 2650313.9/21

0.018+/-0.000 χ^2/NDF : 1378858.3/11

yield_sam2_mean vs Slug, Sign Corrected



Right In: 21.146 $\pm$ 0.000 χ^2 /NDF: 689567322.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.743 $\pm$ 0.000 χ^2 /NDF: 753925810.3/11

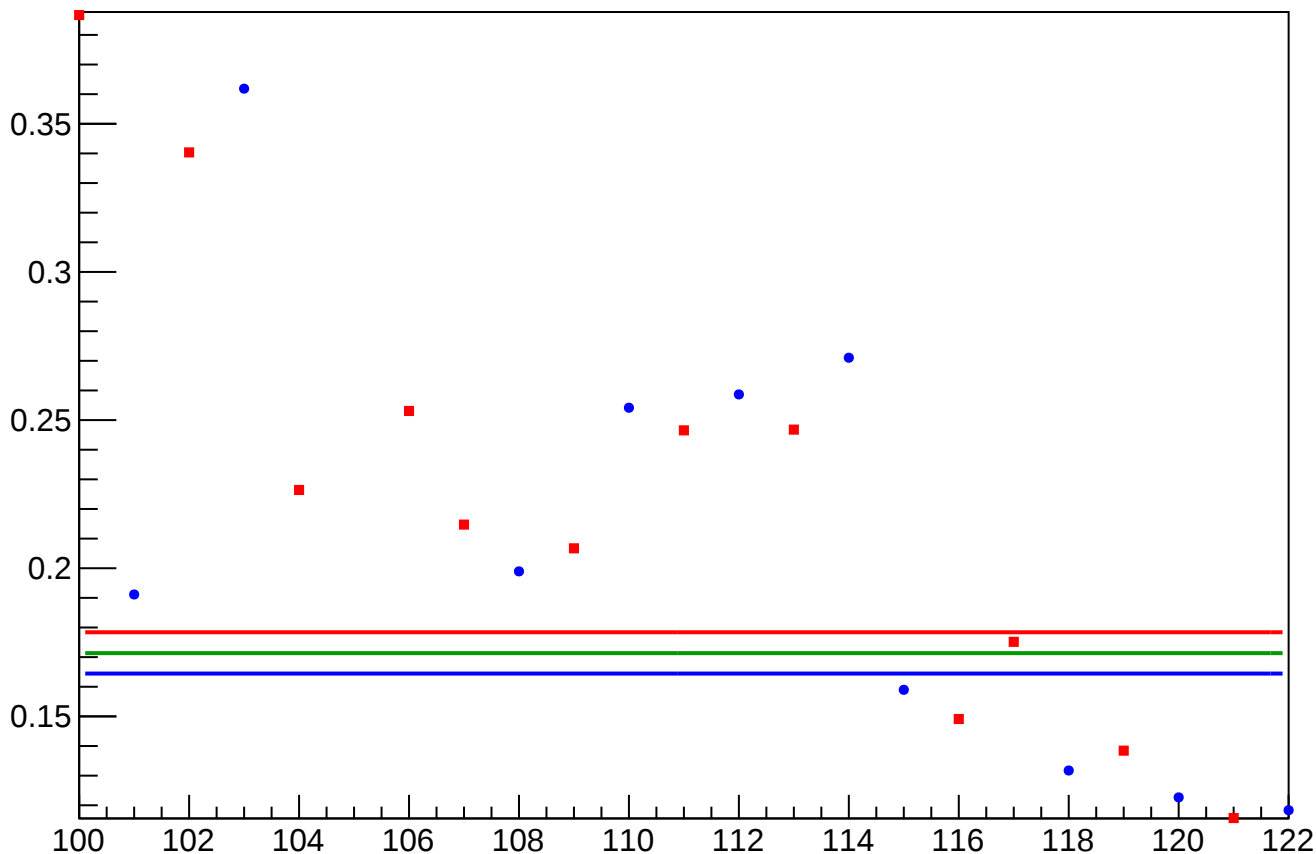
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

21.146 $\pm$ 0.000 χ^2 /NDF: 689567322.5/9

20.947 $\pm$ 0.000 χ^2 /NDF: 1452368270.0/2

20.743 $\pm$ 0.000 χ^2 /NDF: 753925810.3/11

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.164+/-0.000 χ^2/NDF : 817425.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.178+/-0.000 χ^2/NDF : 802042.2/11

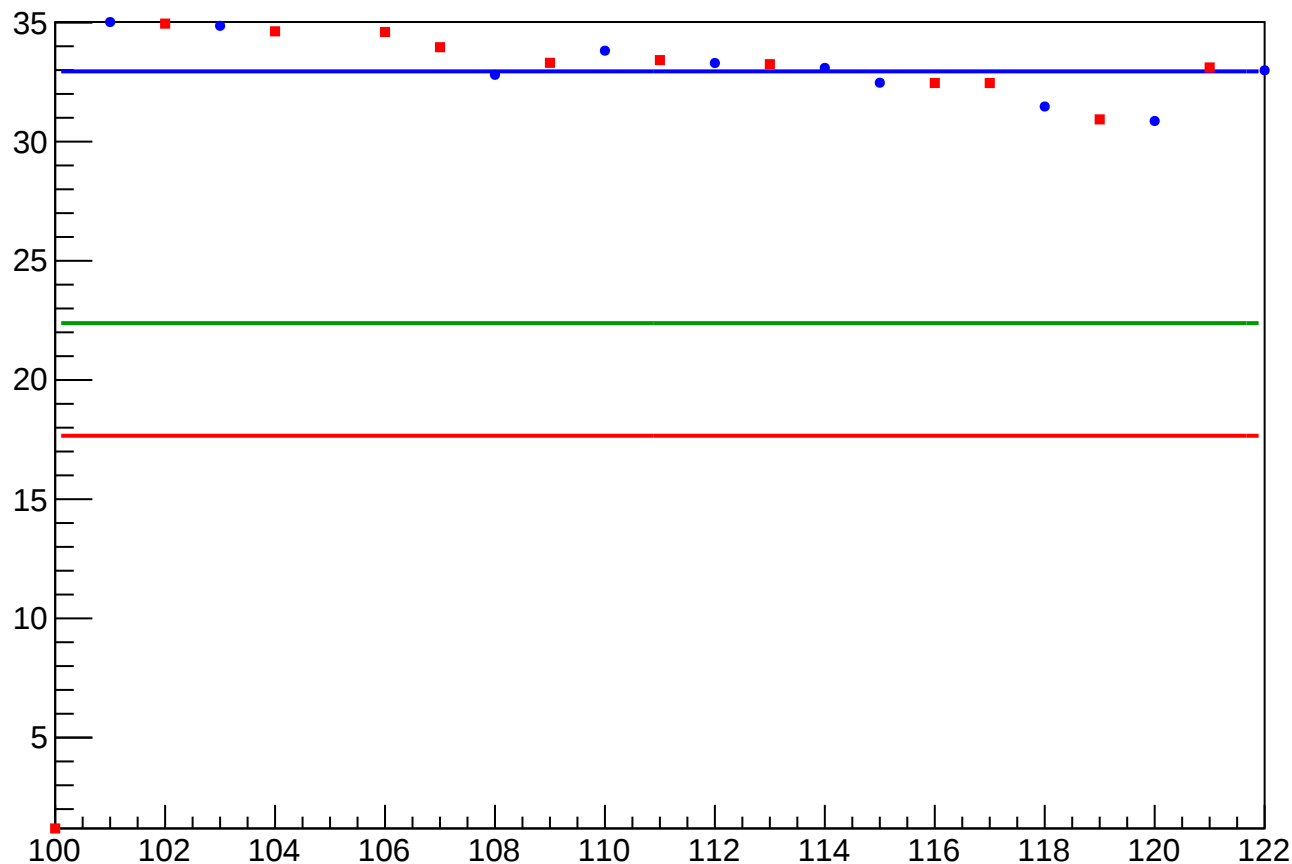
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.164+/-0.000 χ^2/NDF : 817425.1/9

0.171+/-0.000 χ^2/NDF : 1640718.4/21

0.178+/-0.000 χ^2/NDF : 802042.2/11

yield_sam3_mean vs Slug, Sign Corrected



Right In: 32.946+/-0.000 χ^2/NDF : 355592089.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.662+/-0.000 χ^2/NDF : 187240081324.4/11

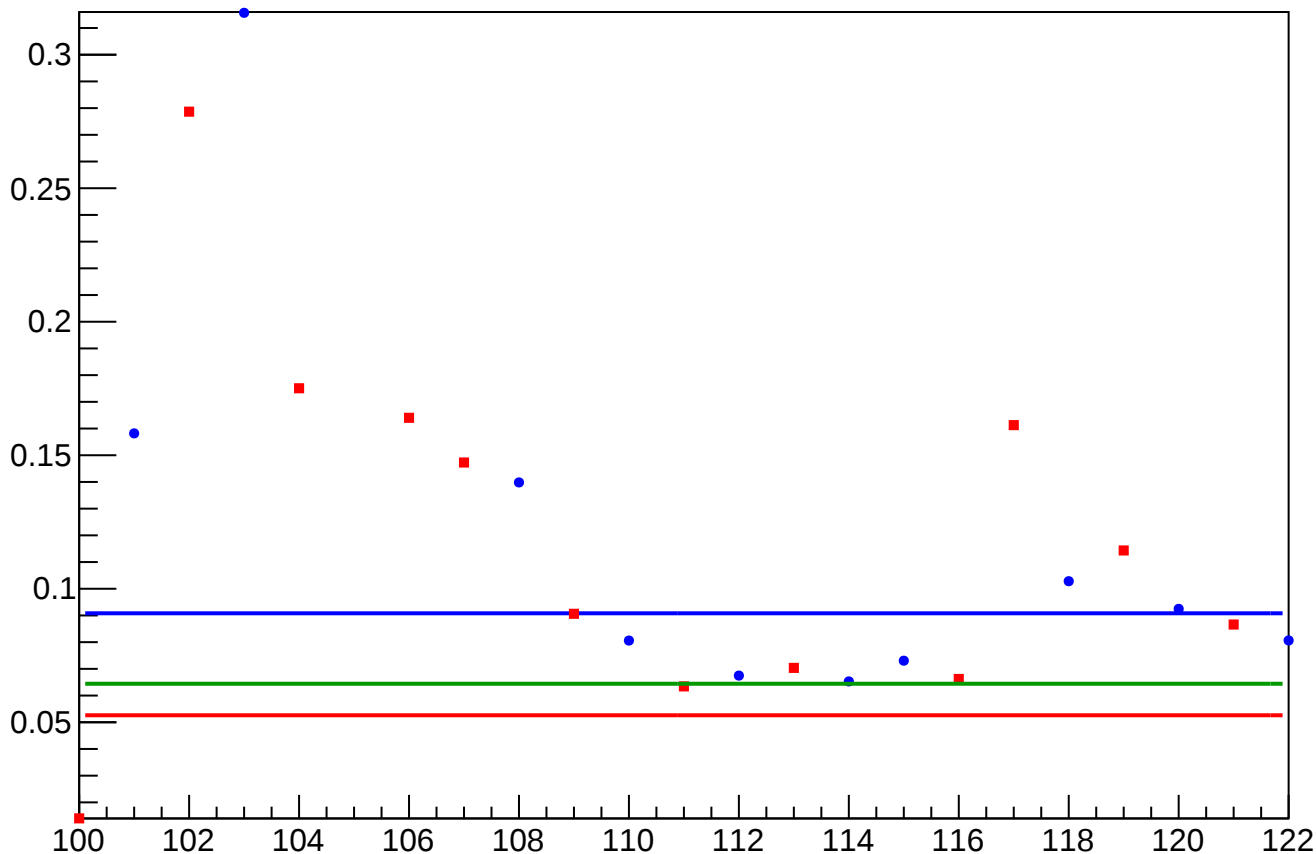
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.946+/-0.000 χ^2/NDF : 355592089.1/9

22.386+/-0.000 χ^2/NDF : 240696216100.3

17.662+/-0.000 χ^2/NDF : 187240081324.4/11

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.091+/-0.000 χ^2/NDF : 983758.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.053+/-0.000 χ^2/NDF : 3147077.5/11

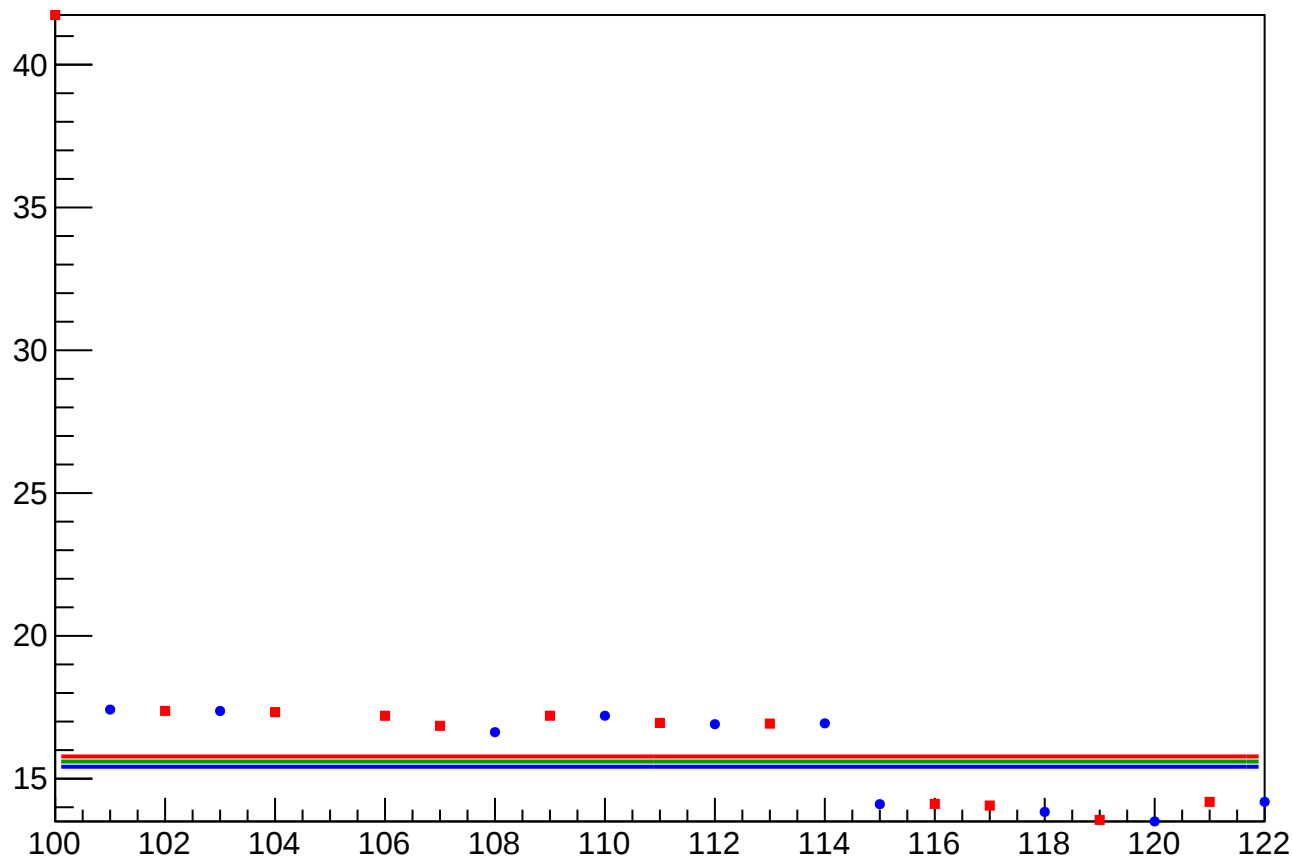
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.091+/-0.000 χ^2/NDF : 983758.7/9

0.064+/-0.000 χ^2/NDF : 4793879.0/21

0.053+/-0.000 χ^2/NDF : 3147077.5/11

yield_sam4_mean vs Slug, Sign Corrected



Right In: 15.418+/-0.000 χ^2/NDF : 961992228.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.779+/-0.000 χ^2/NDF : 1176844081.6/11

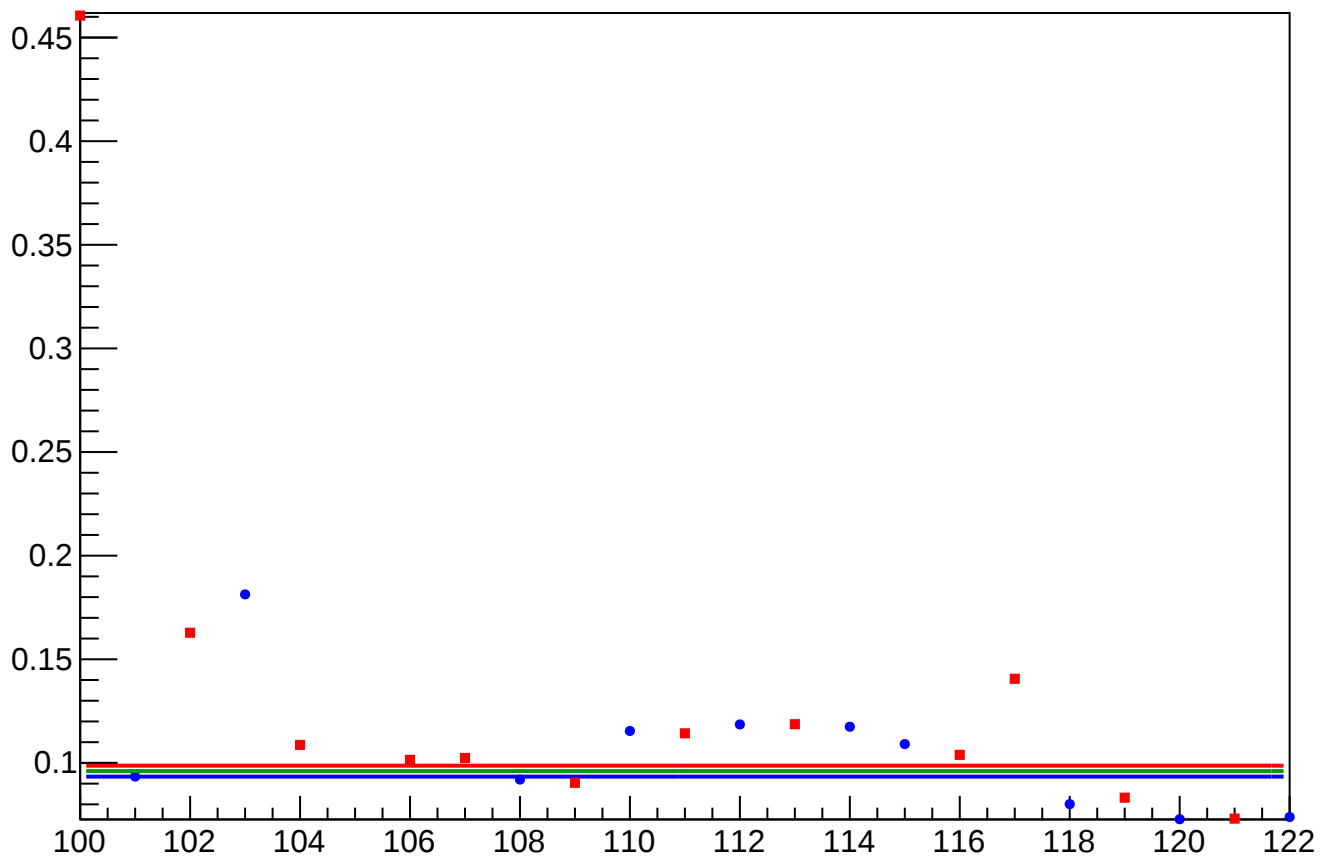
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15.418+/-0.000 χ^2/NDF : 961992228.0/9

15.600+/-0.000 χ^2/NDF : 2162673849.5/2

15.779+/-0.000 χ^2/NDF : 1176844081.6/11

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.093+/-0.000 χ^2/NDF : 451940.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.099+/-0.000 χ^2/NDF : 419258.7/11

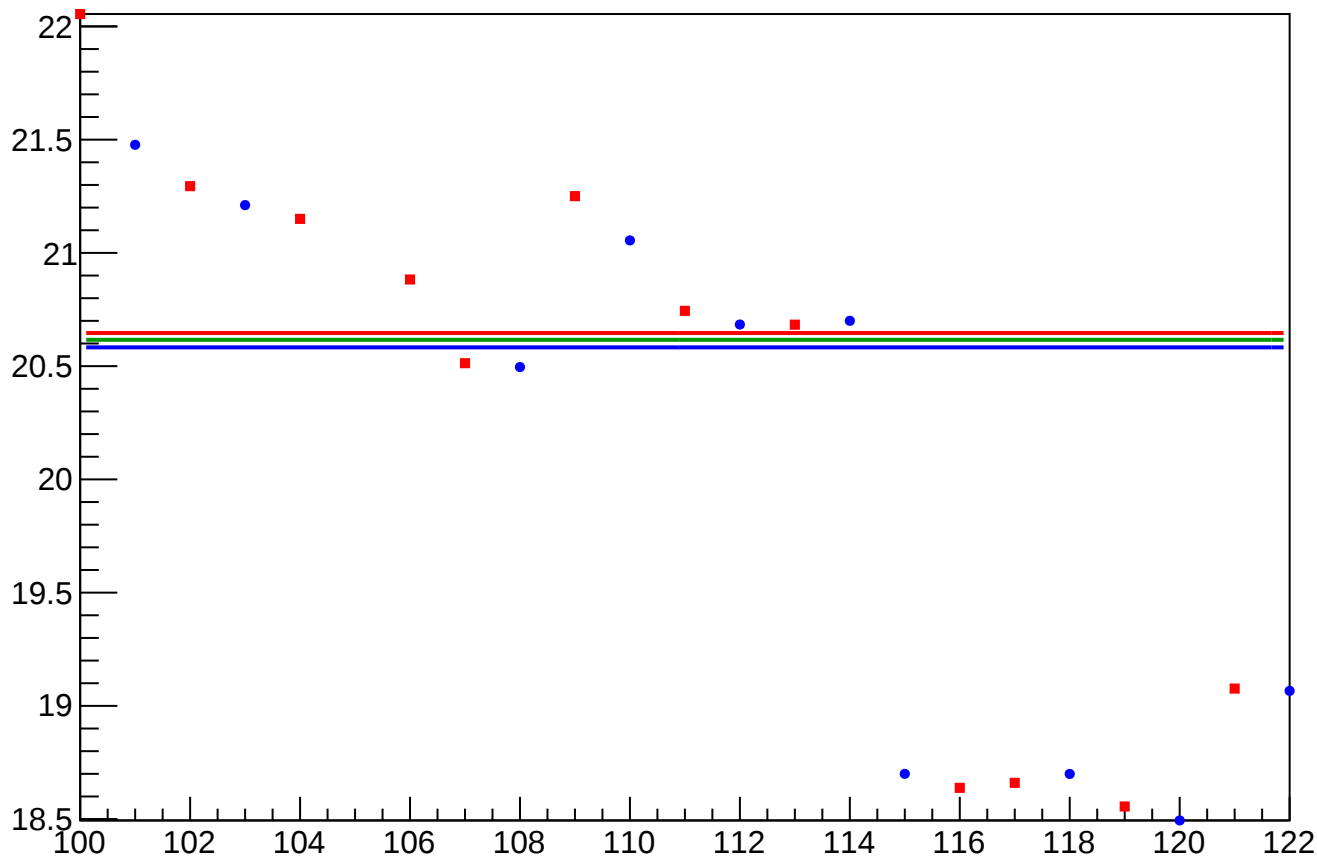
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.093+/-0.000 χ^2/NDF : 451940.7/9

0.096+/-0.000 χ^2/NDF : 881417.0/21

0.099+/-0.000 χ^2/NDF : 419258.7/11

yield_sam5_mean vs Slug, Sign Corrected



Right In: 20.583+/-0.000 χ^2/NDF : 3922456668.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.646+/-0.000 χ^2/NDF : 3478114078.9/11

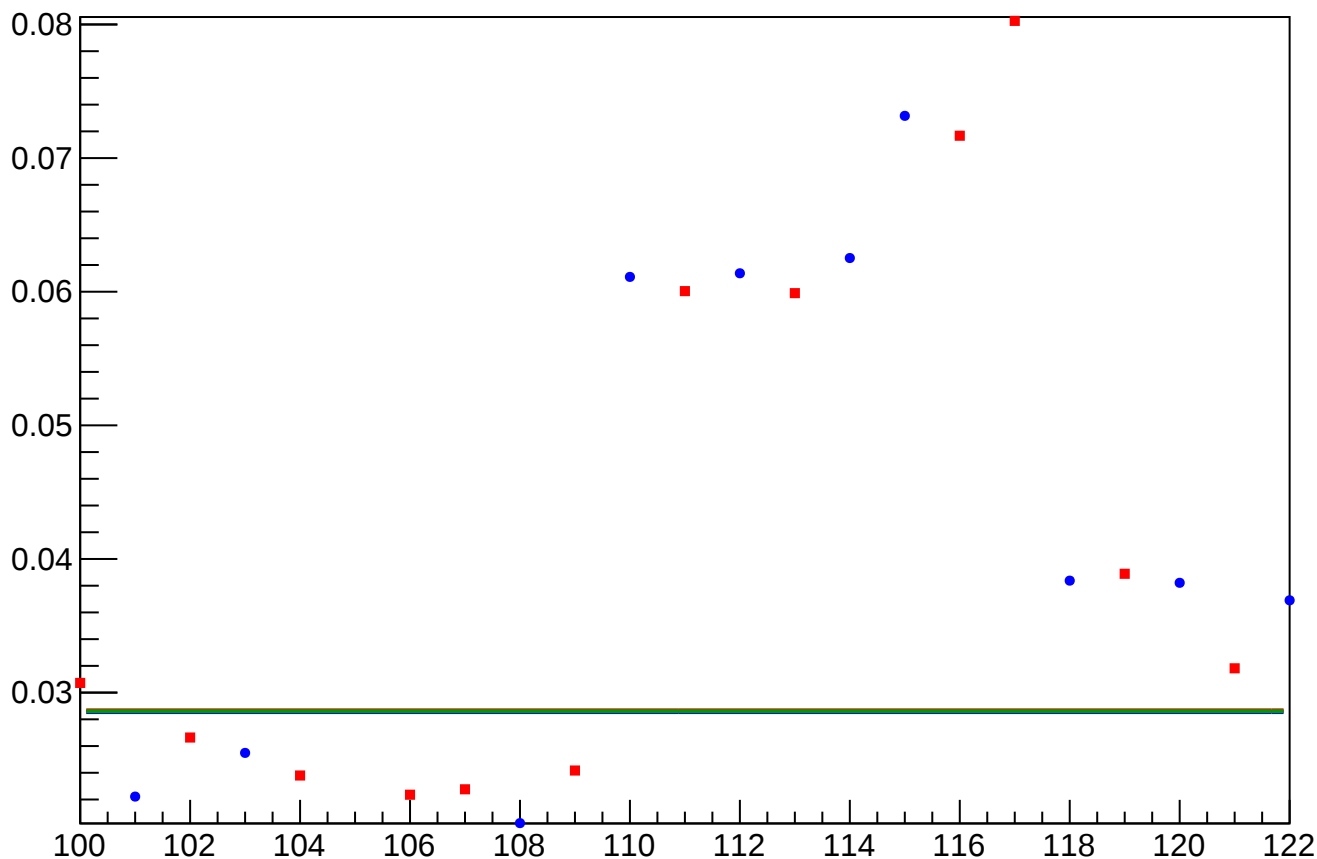
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

20.583+/-0.000 χ^2/NDF : 3922456668.7/9

20.616+/-0.000 χ^2/NDF : 7408533935.4/2

20.646+/-0.000 χ^2/NDF : 3478114078.9/11

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.029+/-0.000 χ^2/NDF : 949171.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.029+/-0.000 χ^2/NDF : 885662.5/11

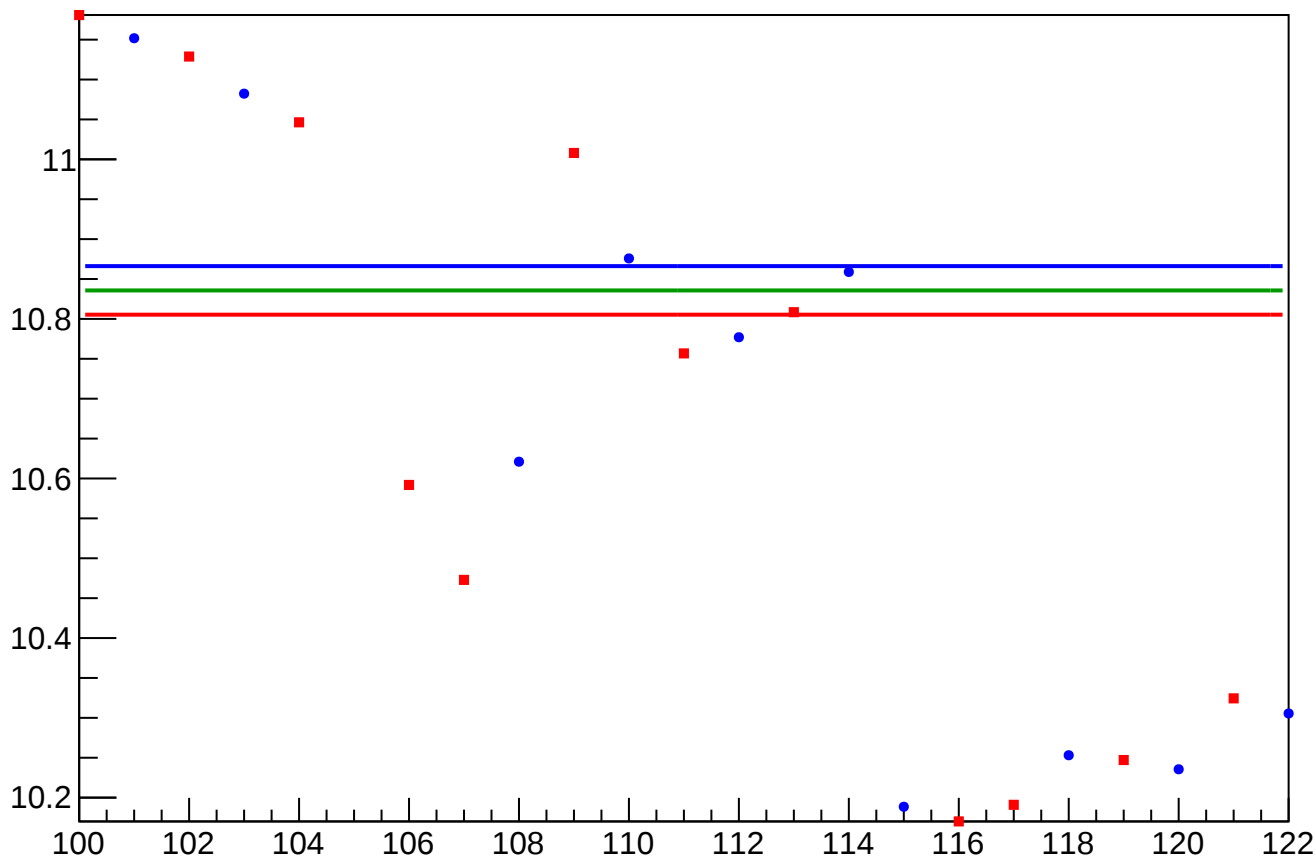
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.029+/-0.000 χ^2/NDF : 949171.6/9

0.029+/-0.000 χ^2/NDF : 1834900.7/21

0.029+/-0.000 χ^2/NDF : 885662.5/11

yield_sam6_mean vs Slug, Sign Corrected



Right In: 10.866+/-0.000 χ^2/NDF : 1985325334.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.805+/-0.000 χ^2/NDF : 1738578366.7/11

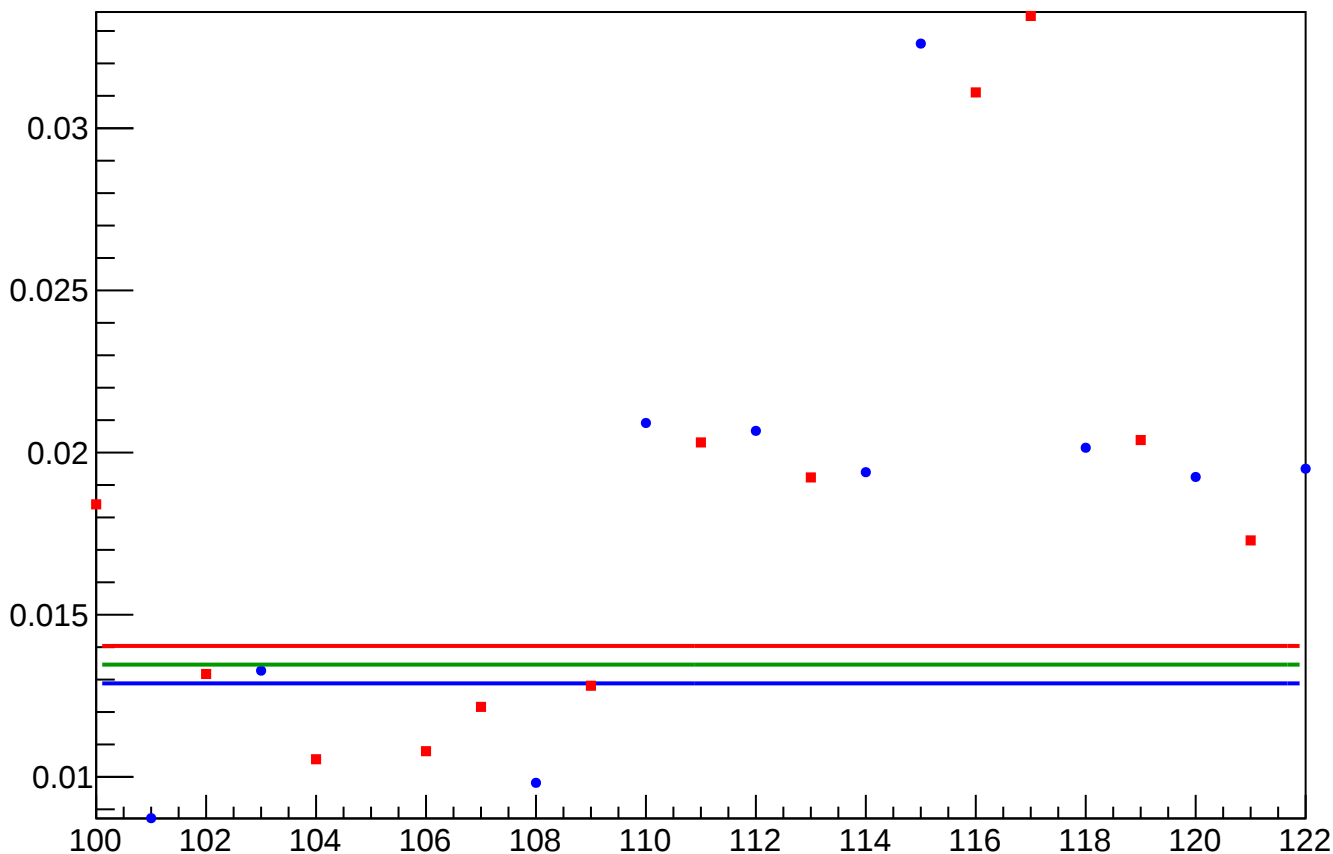
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.866+/-0.000 χ^2/NDF : 1985325334.8/9

10.836+/-0.000 χ^2/NDF : 3757841060.7/2

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 : 907311.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 606197.6/11

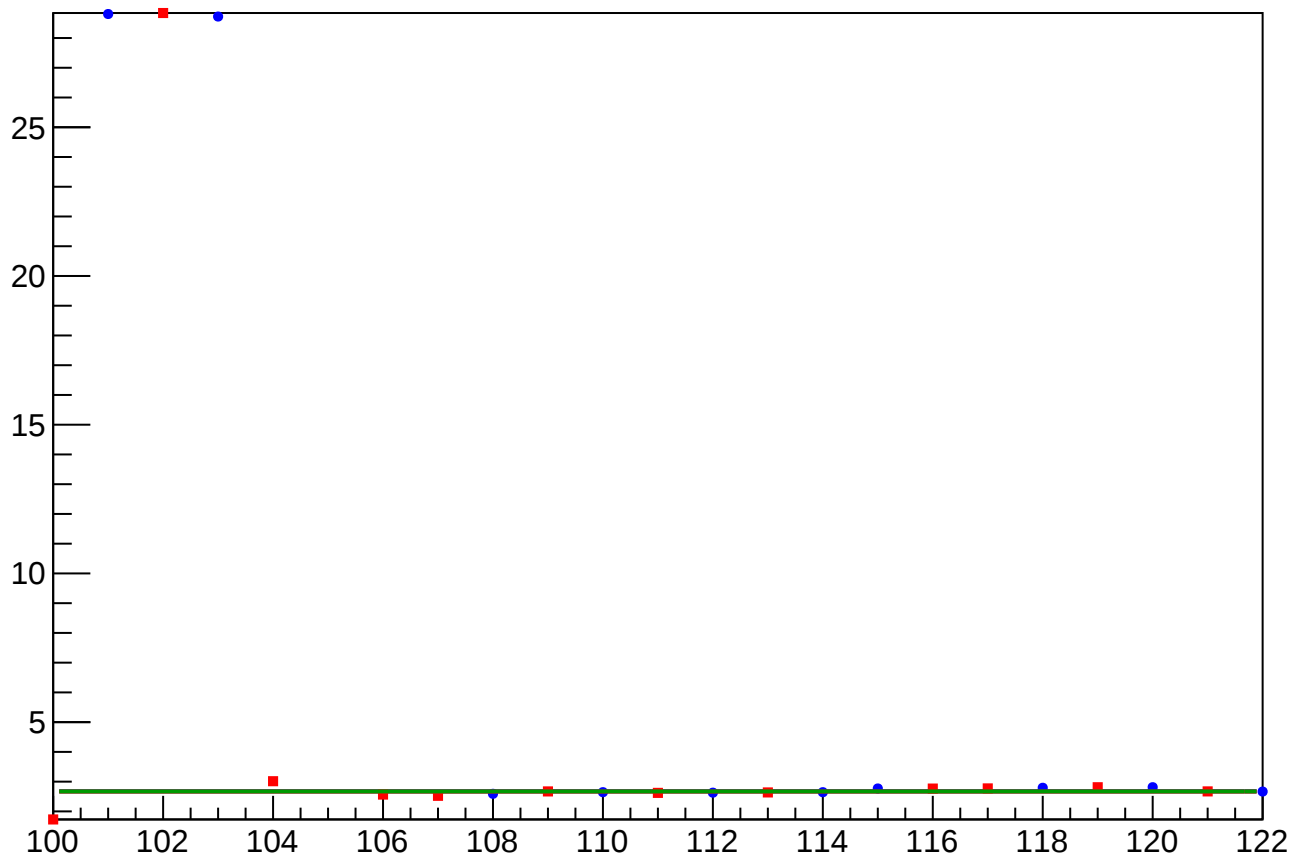
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 907311.0/9

0.013+/-0.000 χ^2/NDF : 1537923.9/21

0.014+/-0.000 χ^2/NDF : 606197.6/11

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.676+/-0.000 χ^2/NDF : 161848288511.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.667+/-0.000 χ^2/NDF : 69273274187.8/11

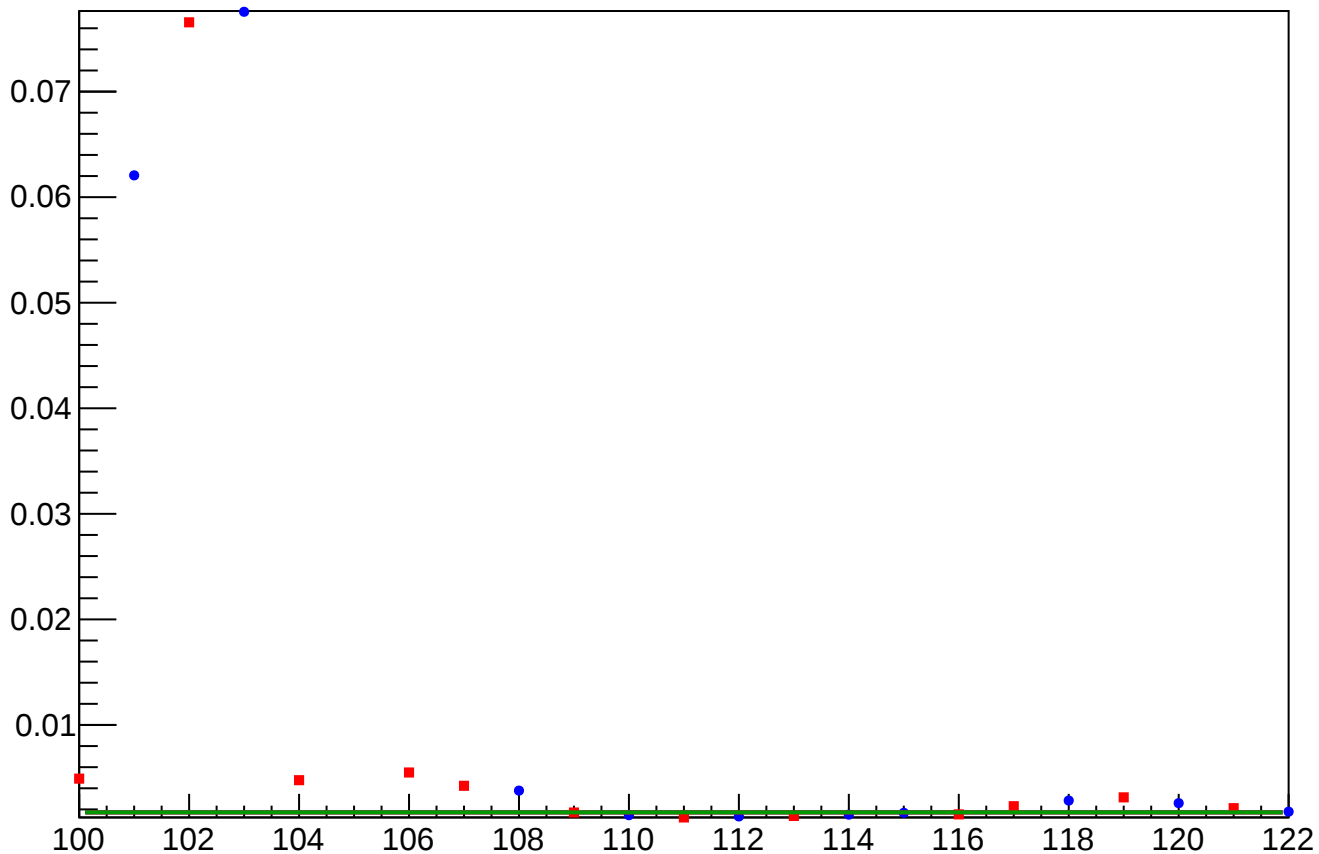
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.676+/-0.000 χ^2/NDF : 161848288511.3/9

2.671+/-0.000 χ^2/NDF : 231152725757.7/11

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 : 2571047.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2125648.3/11

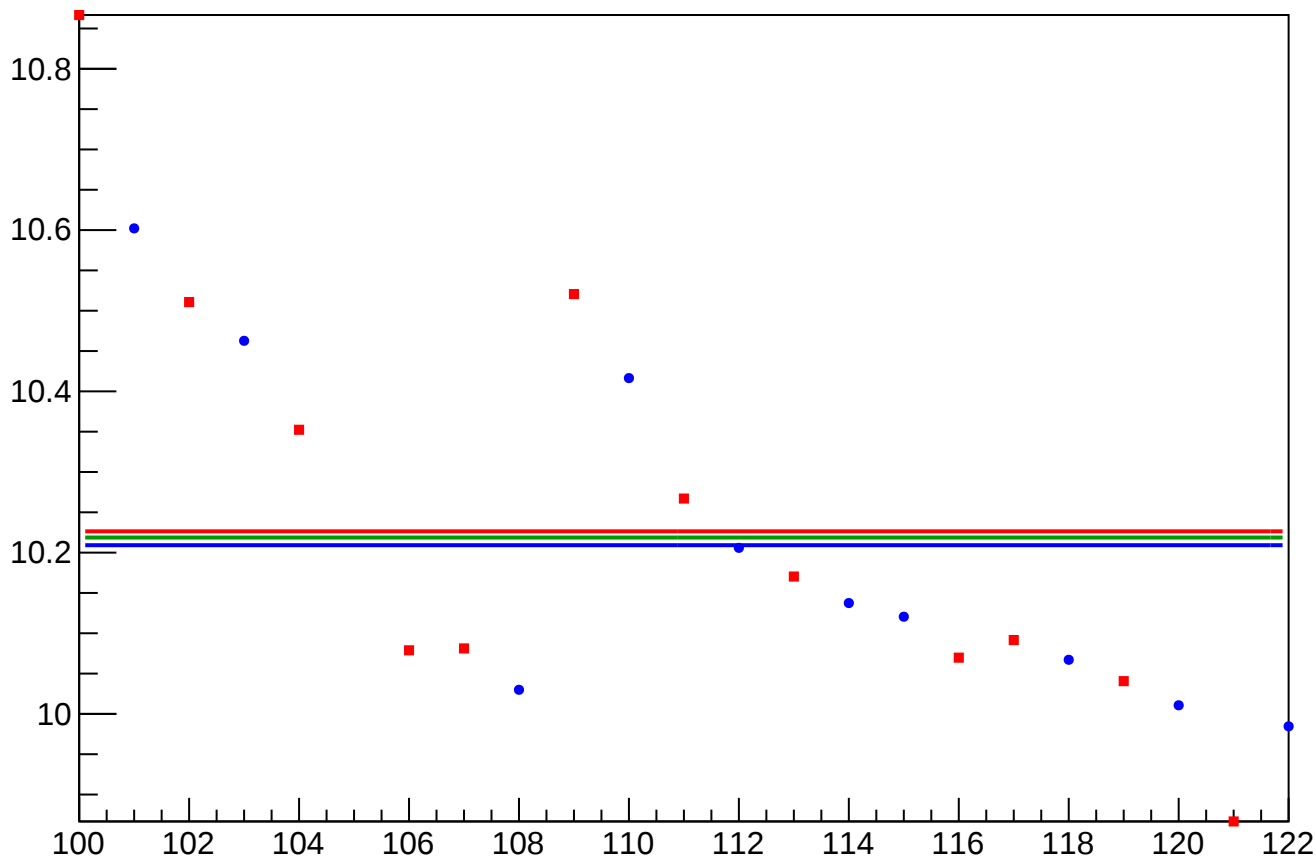
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 2571047.8/9

0.002+/-0.000 χ^2/NDF : 4696766.8/21

0.002+/-0.000 χ^2/NDF : 2125648.3/11

yield_sam8_mean vs Slug, Sign Corrected



Right In: 10.209+/-0.000 χ^2/NDF : 2859721710.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.226+/-0.000 χ^2/NDF : 3686078059.8/11

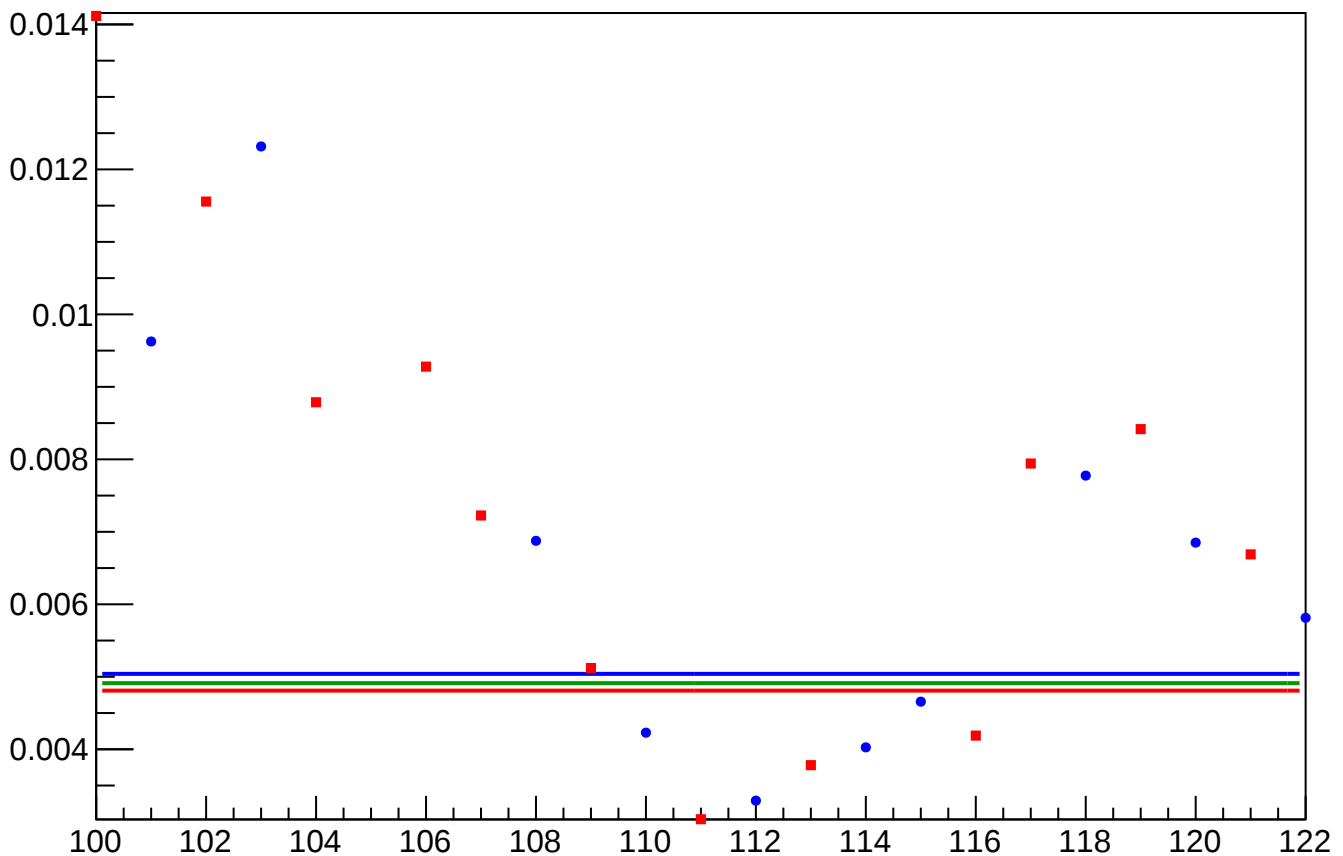
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.209+/-0.000 χ^2/NDF : 2859721710.8/9

10.219+/-0.000 χ^2/NDF : 6563674567.7/2

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 : 1096758.3/9

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 : 1096758.3/9

0.005+/-0.000 χ^2/NDF : 2446680.7/21

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

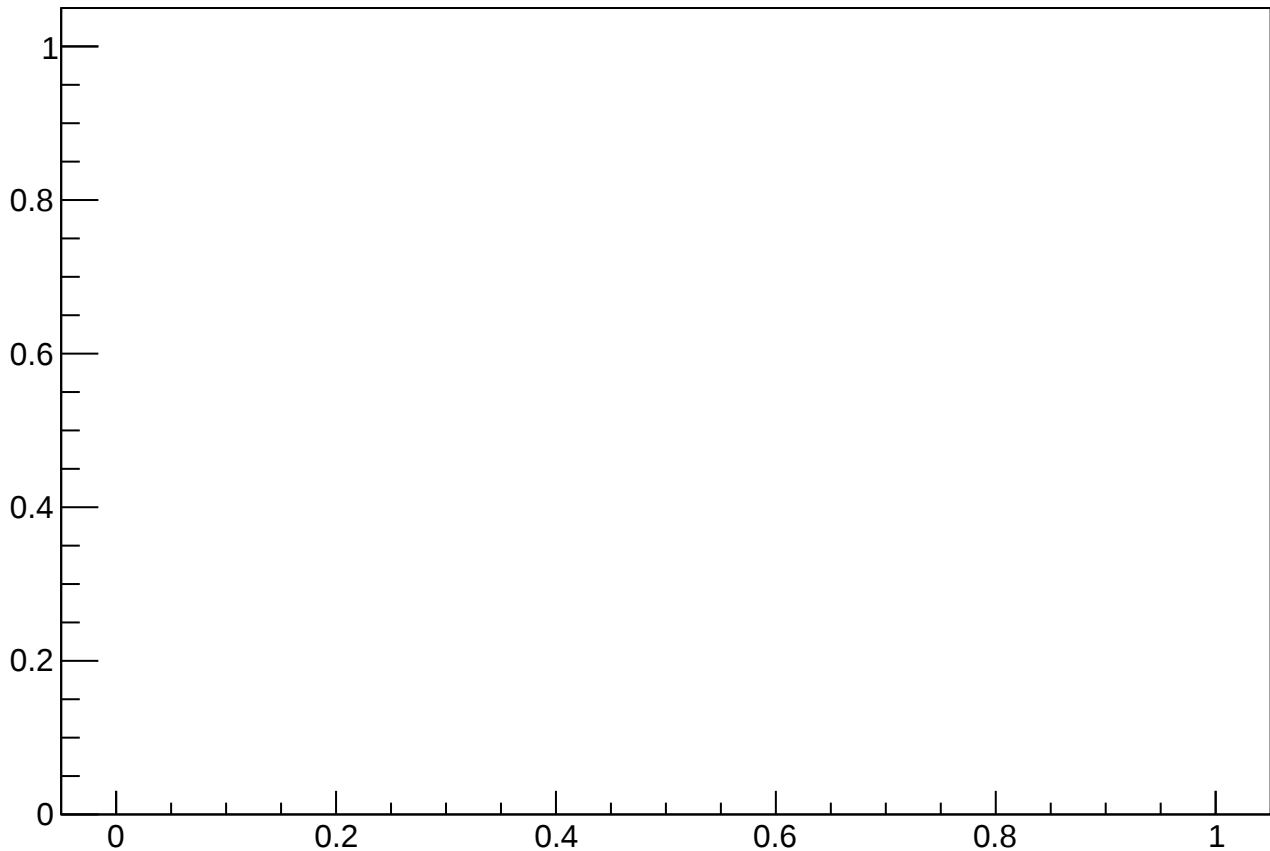
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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

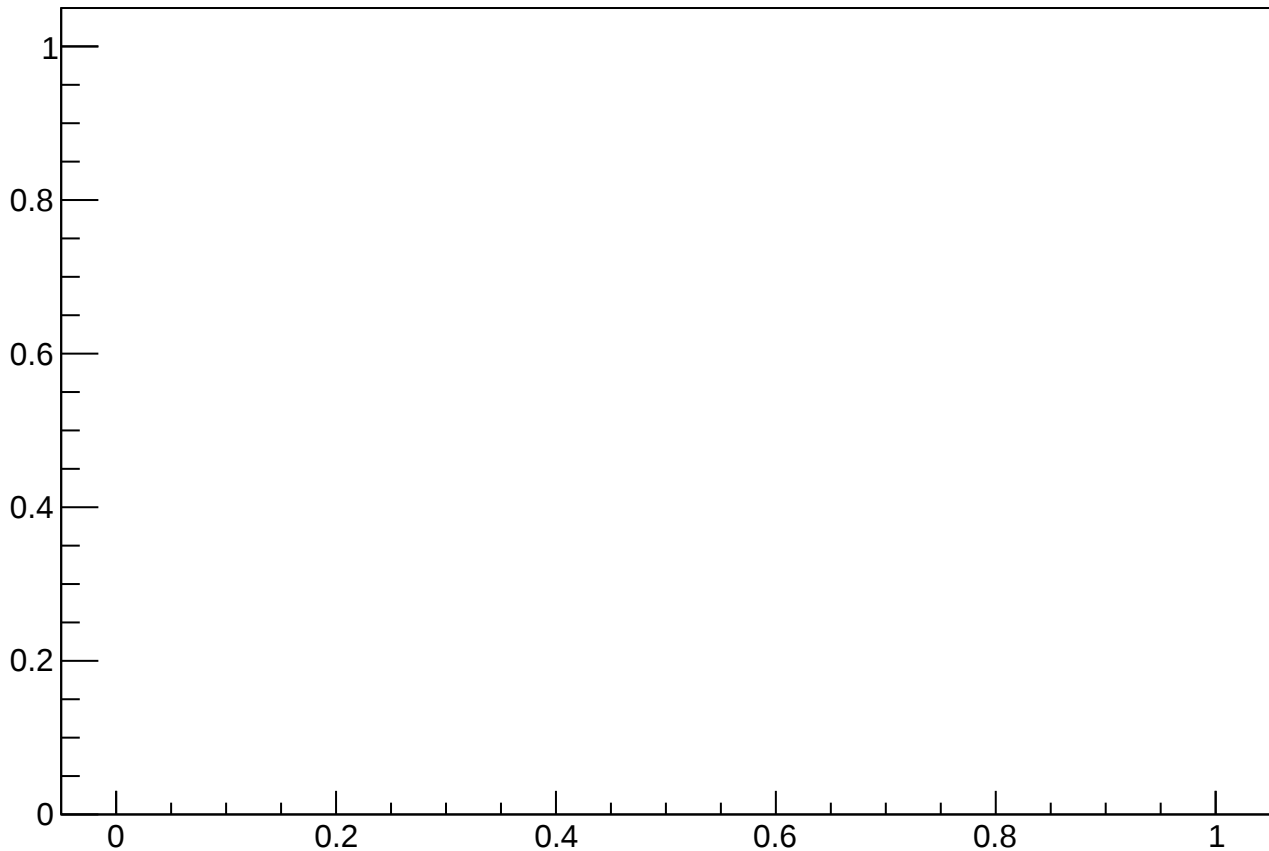
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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_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

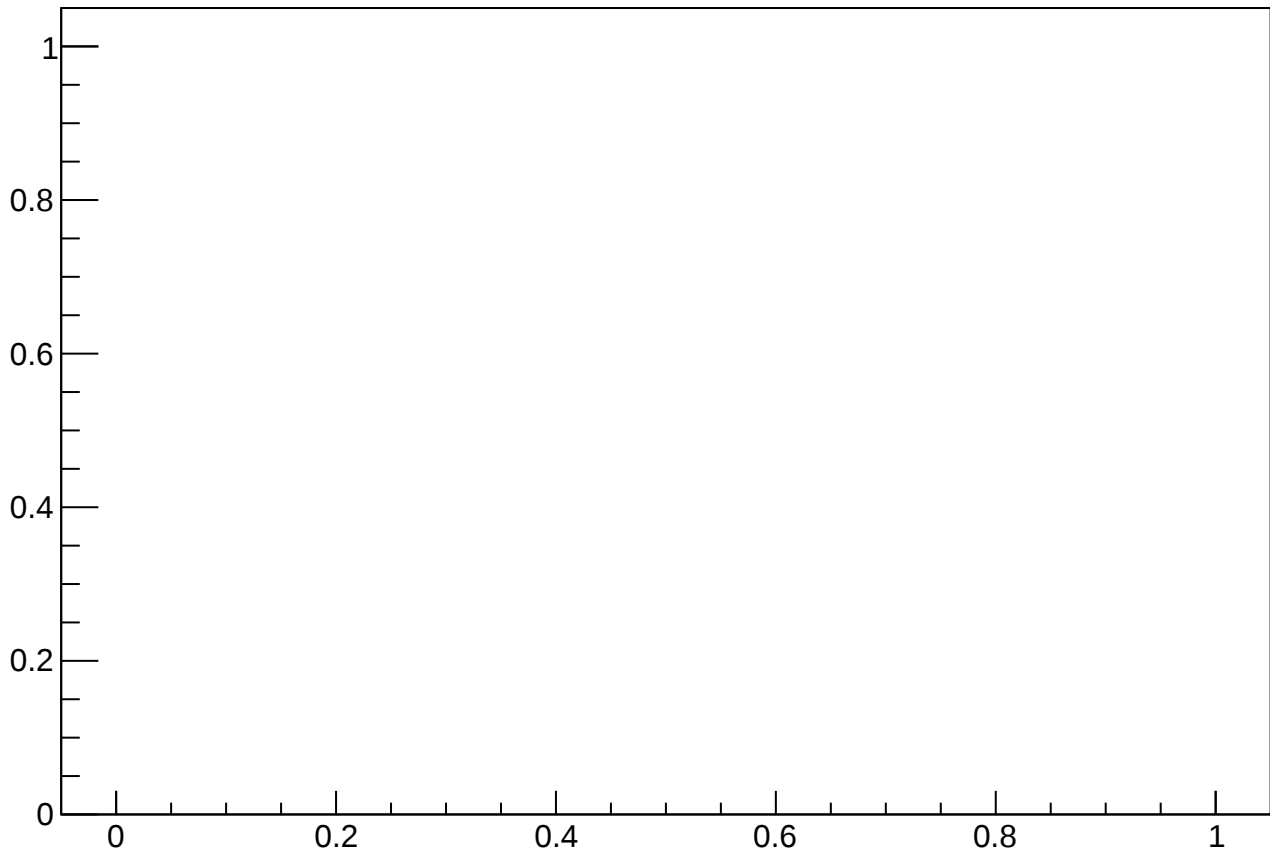
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

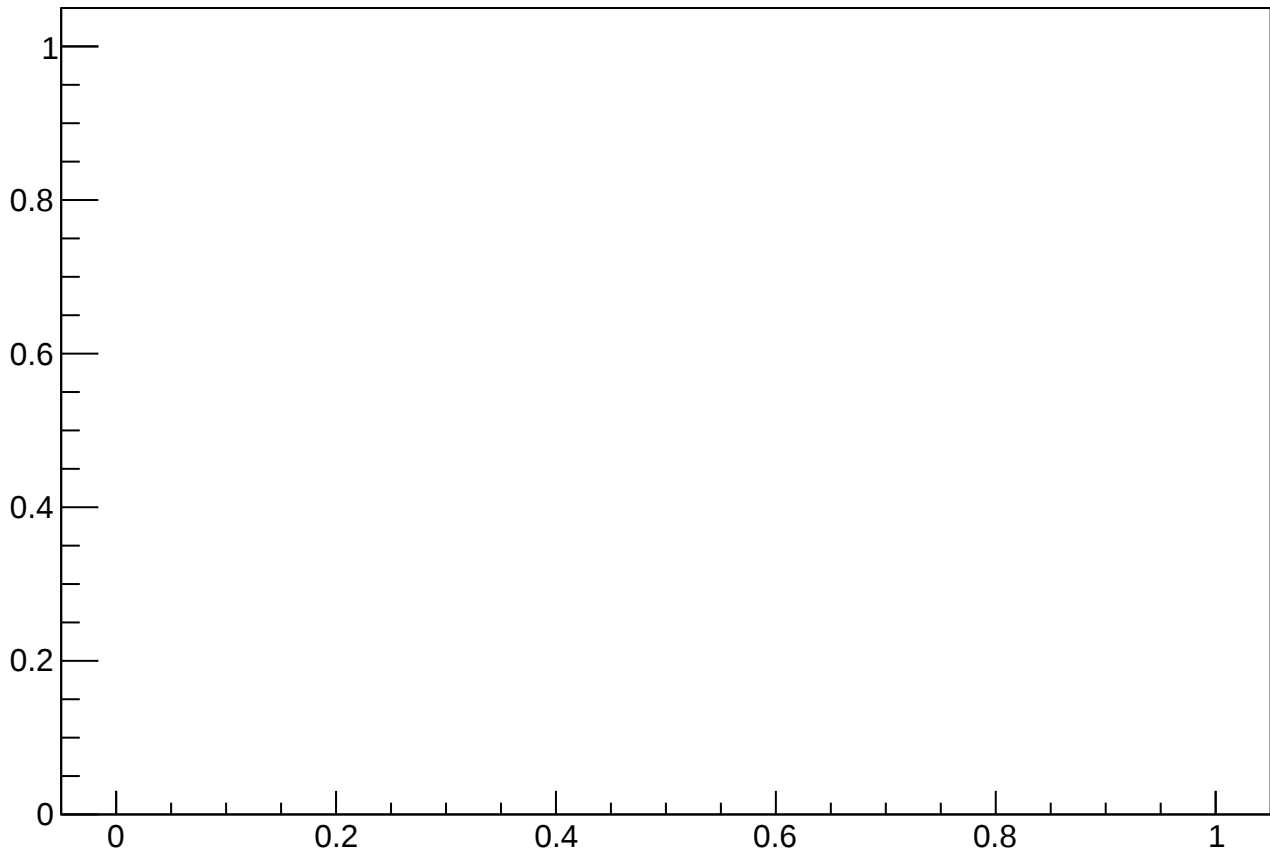
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-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_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

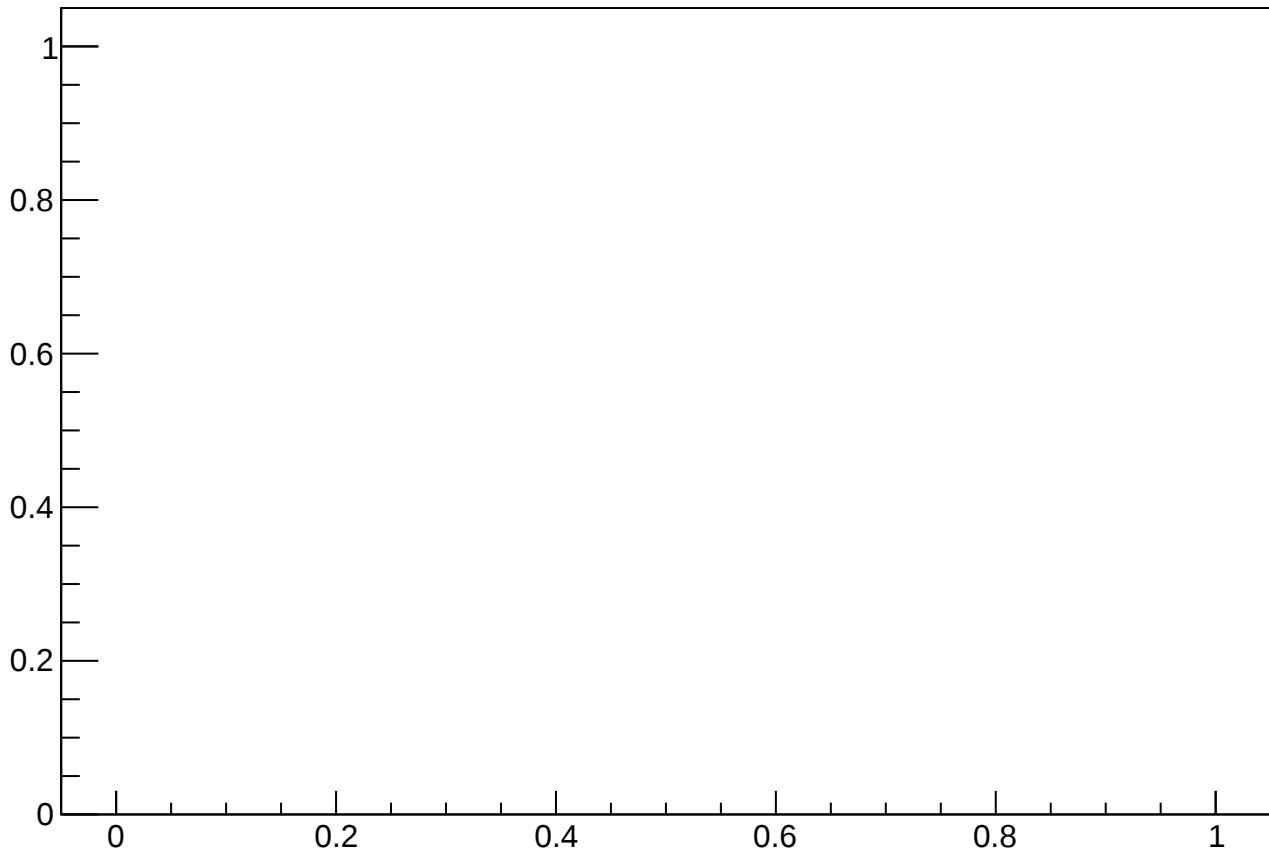
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

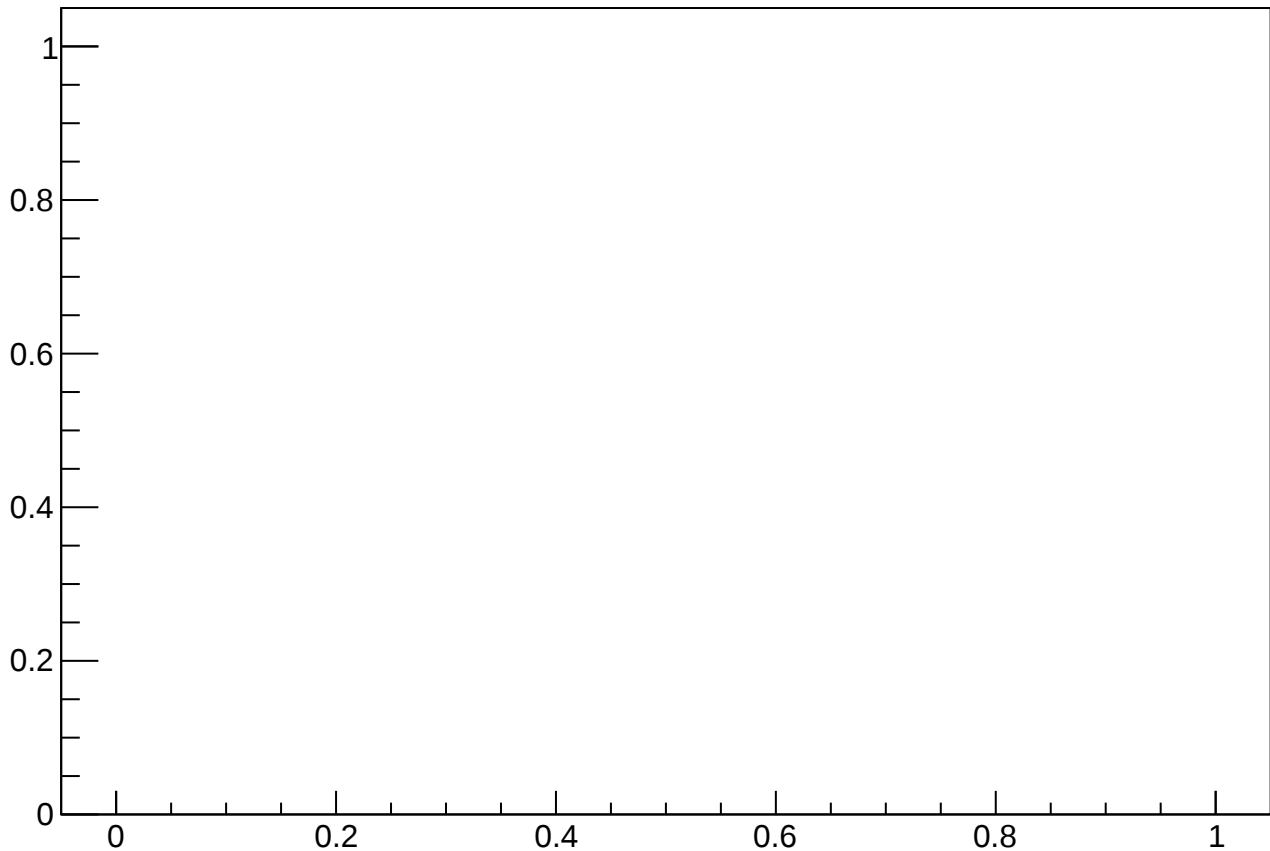
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

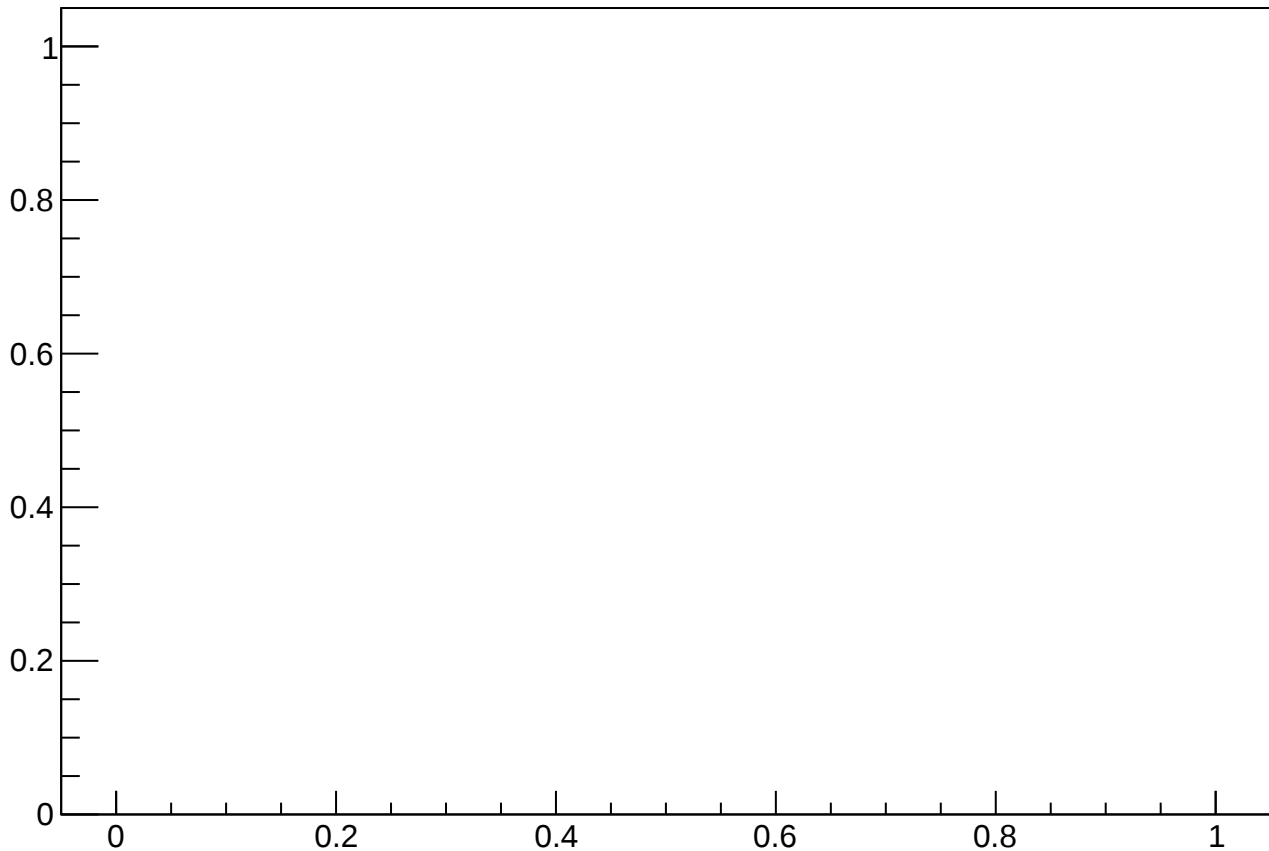
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

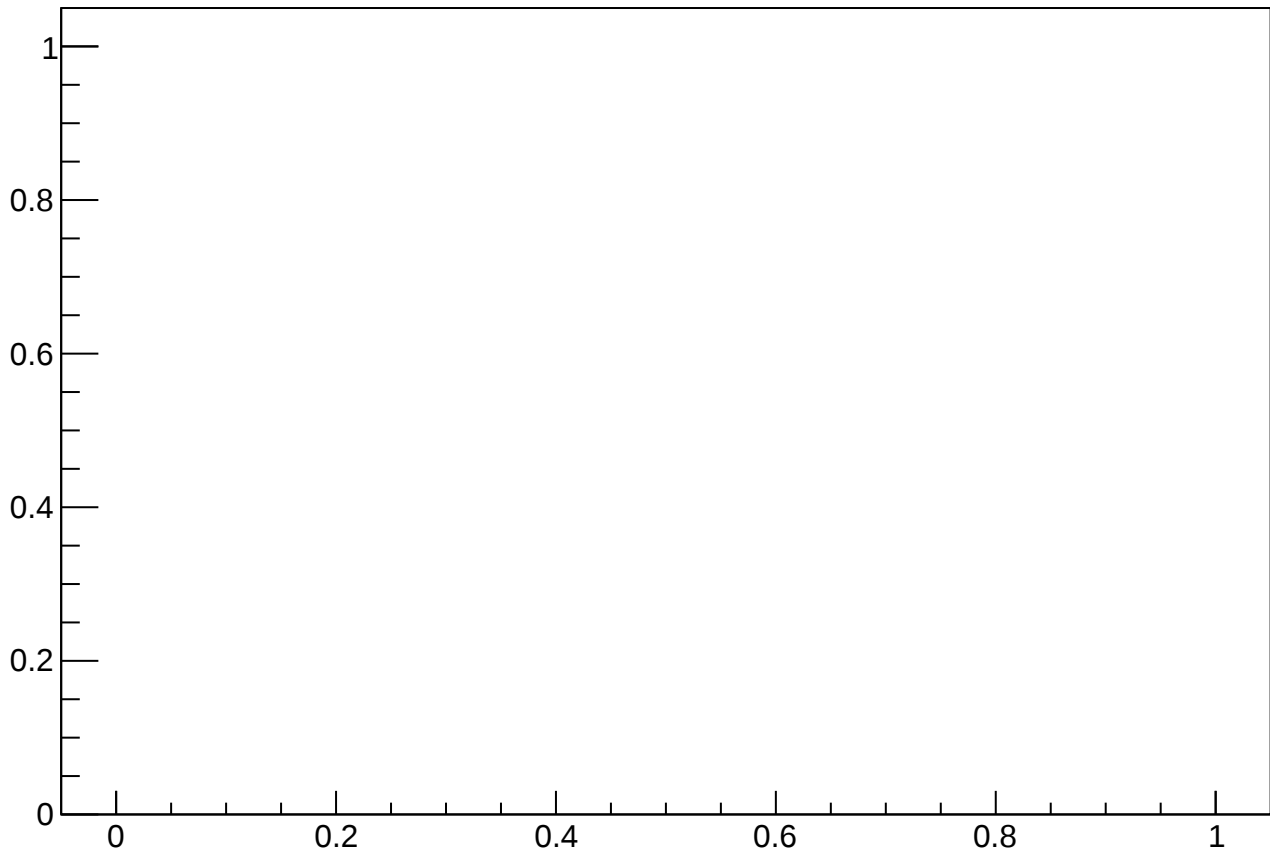
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

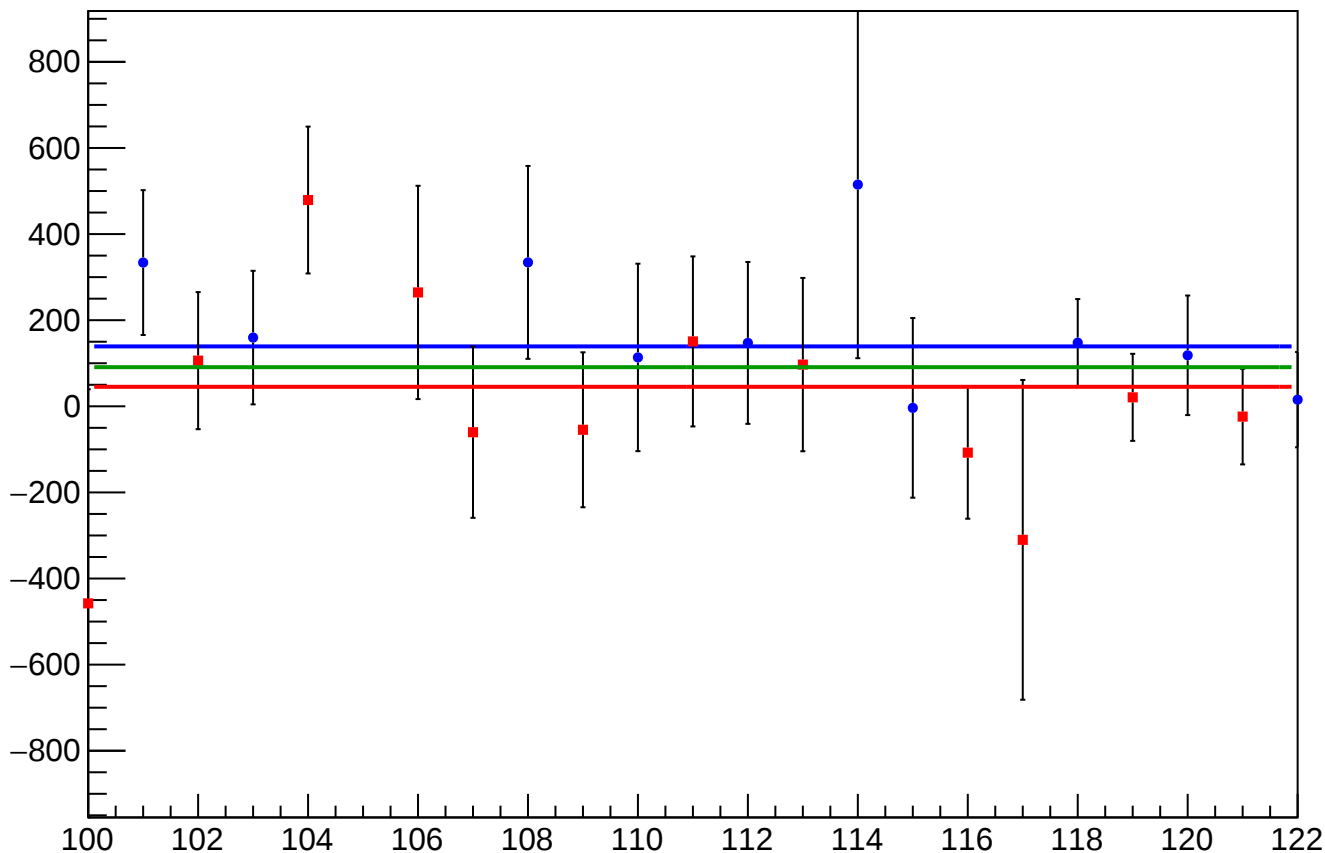
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 139.112 $\pm$ 49.615 χ^2 /NDF: 4.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 45.291 $\pm$ 48.262 χ^2 /NDF: 11.7/11

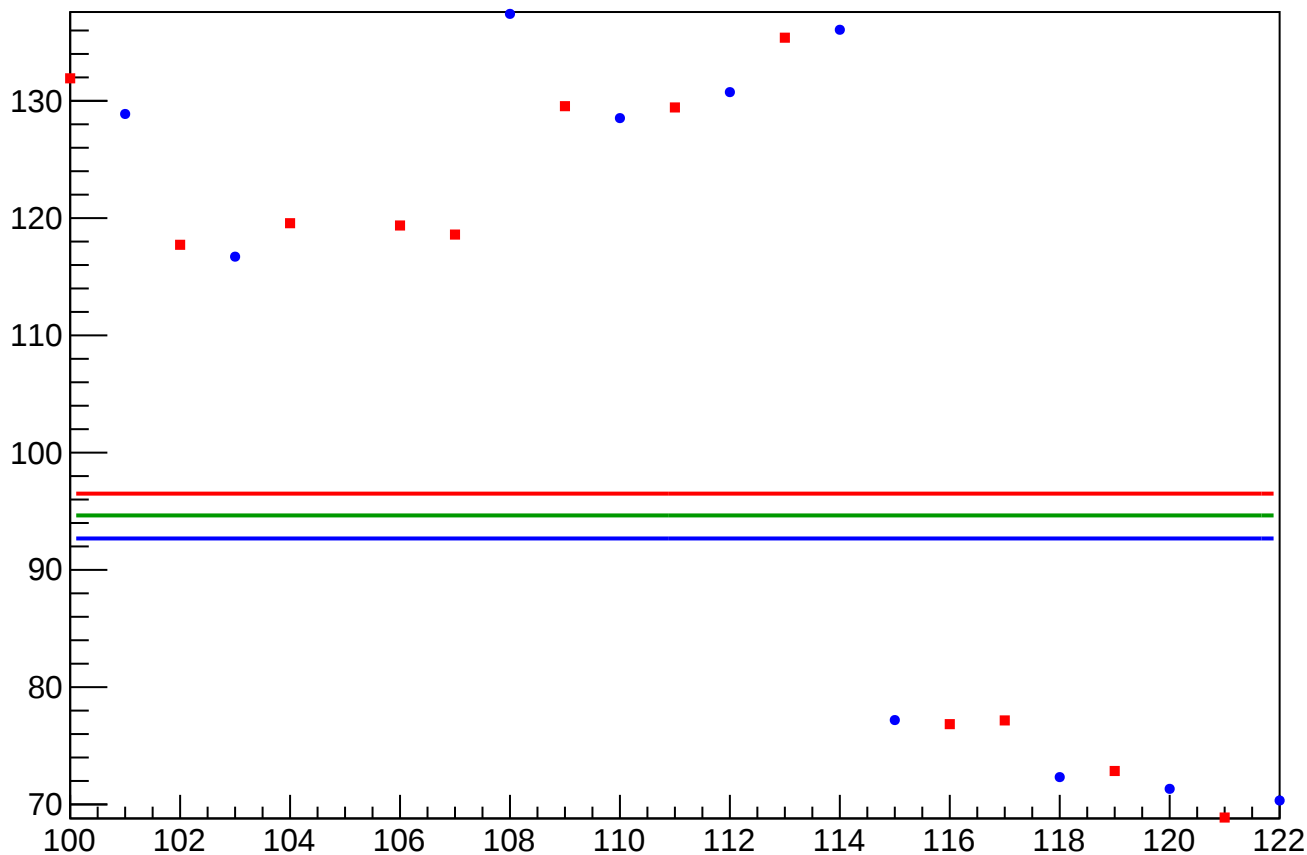
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

139.112 $\pm$ 49.615 χ^2 /NDF: 4.7/9

90.904 $\pm$ 34.595 χ^2 /NDF: 18.3/21

45.291 $\pm$ 48.262 χ^2 /NDF: 11.7/11

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 92.680+/-0.035 χ^2/NDF : 600311.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.504+/-0.034 χ^2/NDF : 593155.5/11

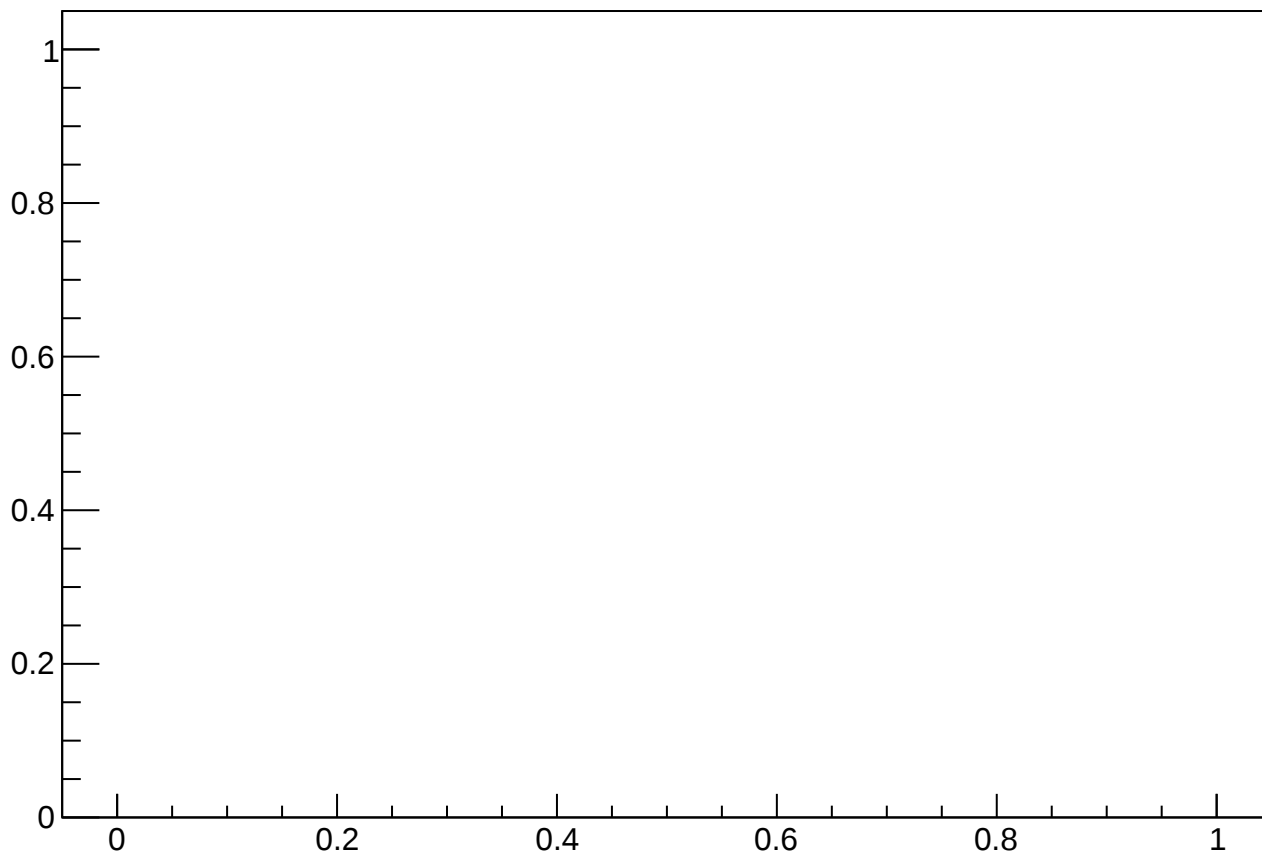
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

92.680+/-0.035 χ^2/NDF : 600311.2/9

94.645+/-0.024 χ^2/NDF : 1199571.5/21

96.504+/-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

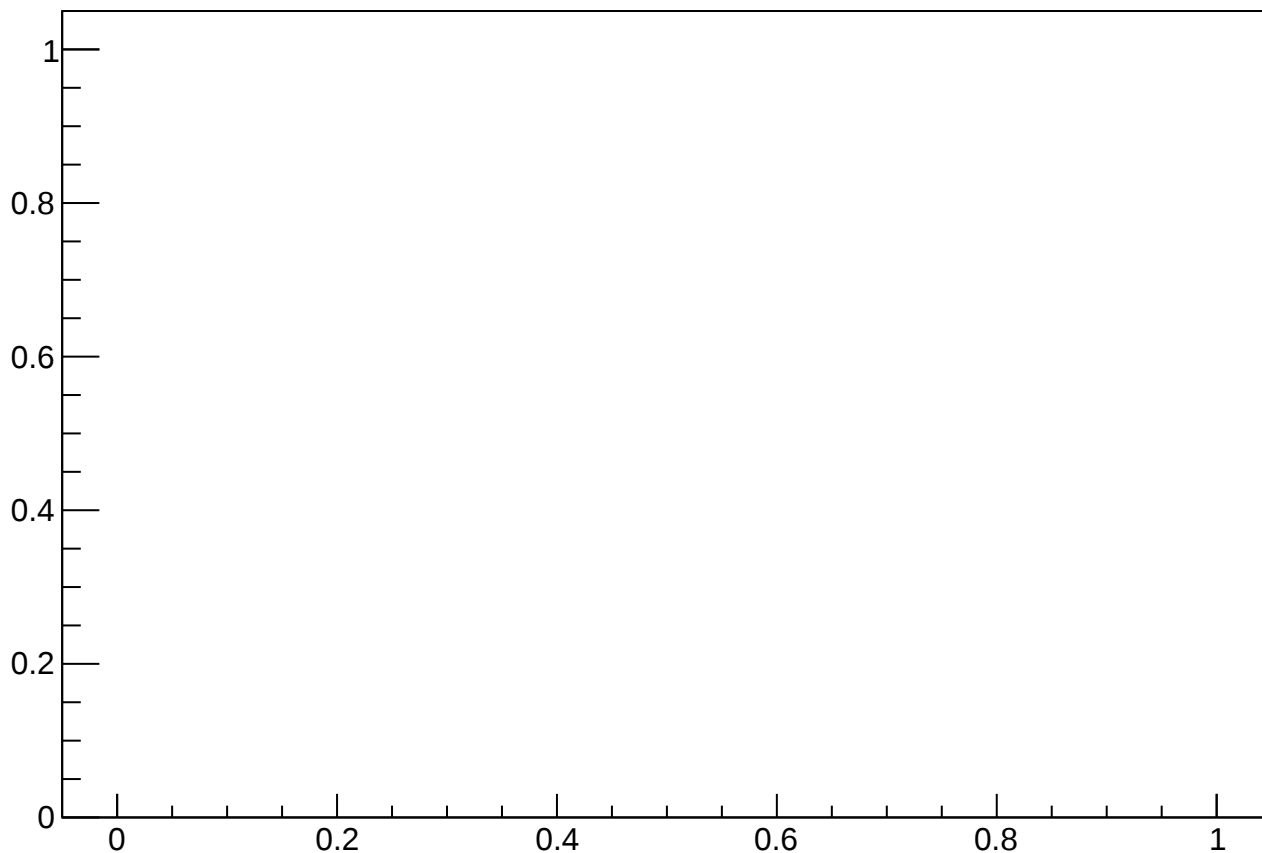
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

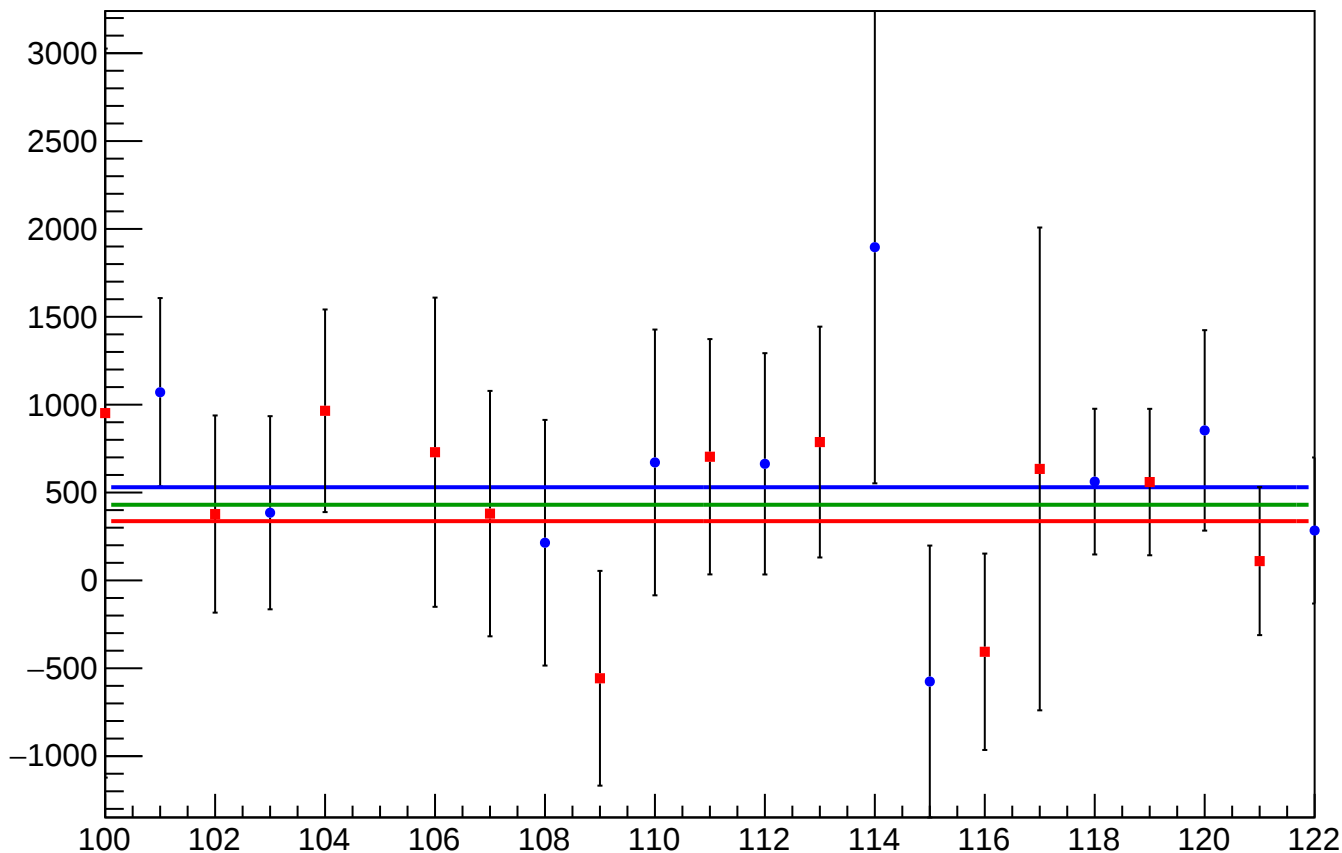
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 530.235 $\pm$ 182.514 χ^2 /NDF: 5.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 337.180 $\pm$ 176.449 χ^2 /NDF: 6.8/11

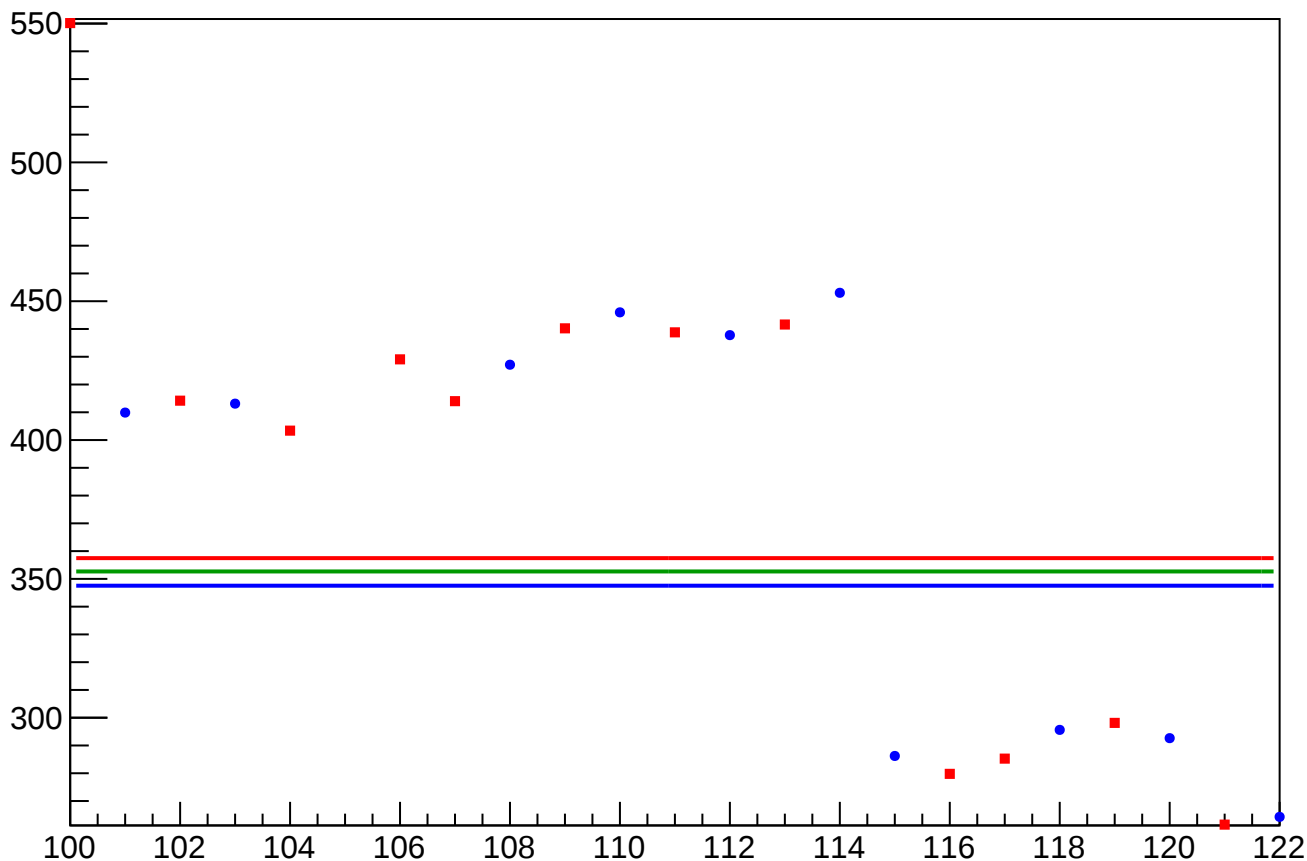
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

530.235 $\pm$ 182.514 χ^2 /NDF: 5.1/9

430.447 $\pm$ 126.858 χ^2 /NDF: 12.5/21

337.180 $\pm$ 176.449 χ^2 /NDF: 6.8/11

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.544+/-0.129 χ^2/NDF : 311515.0/9

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

347.544+/-0.129 χ^2/NDF : 311515.0/9

352.675+/-0.090 χ^2/NDF : 678906.6/21

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

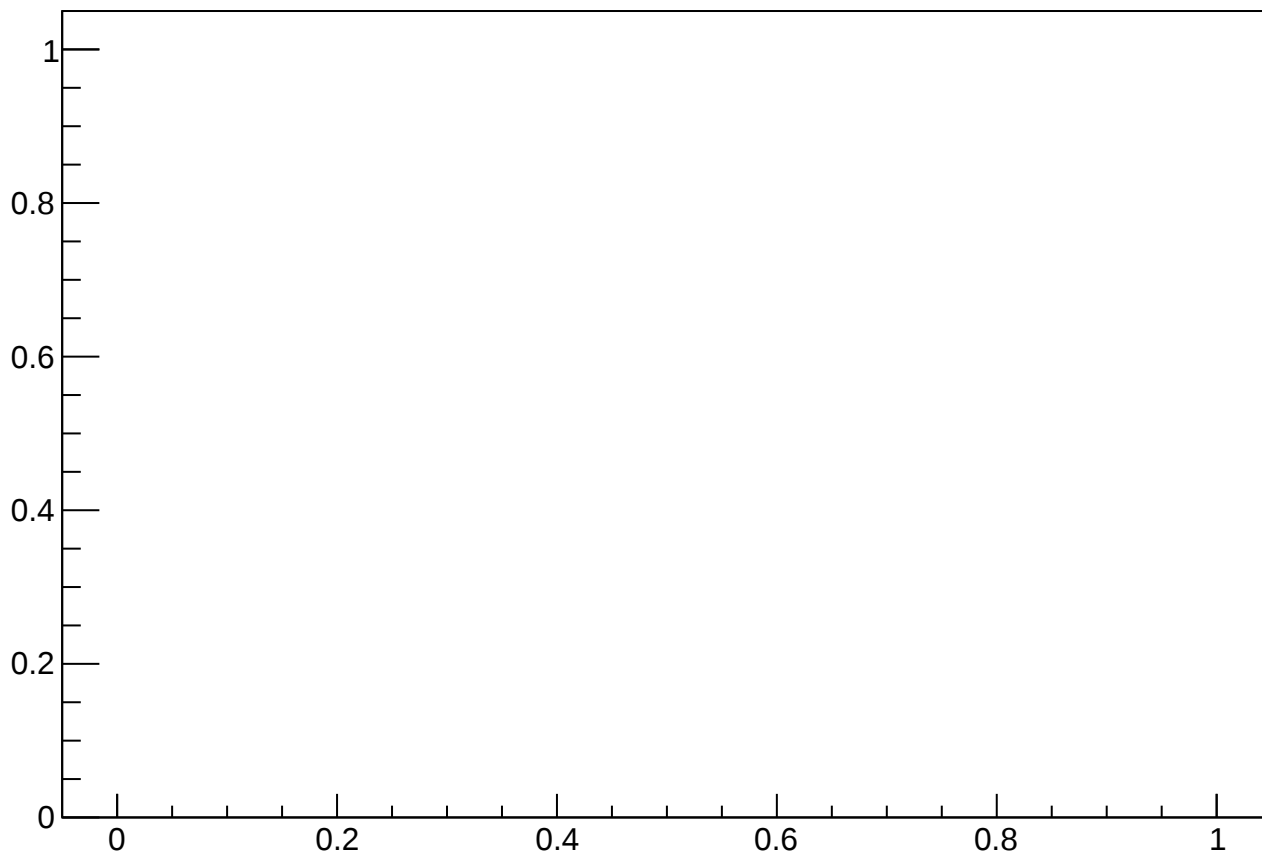
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

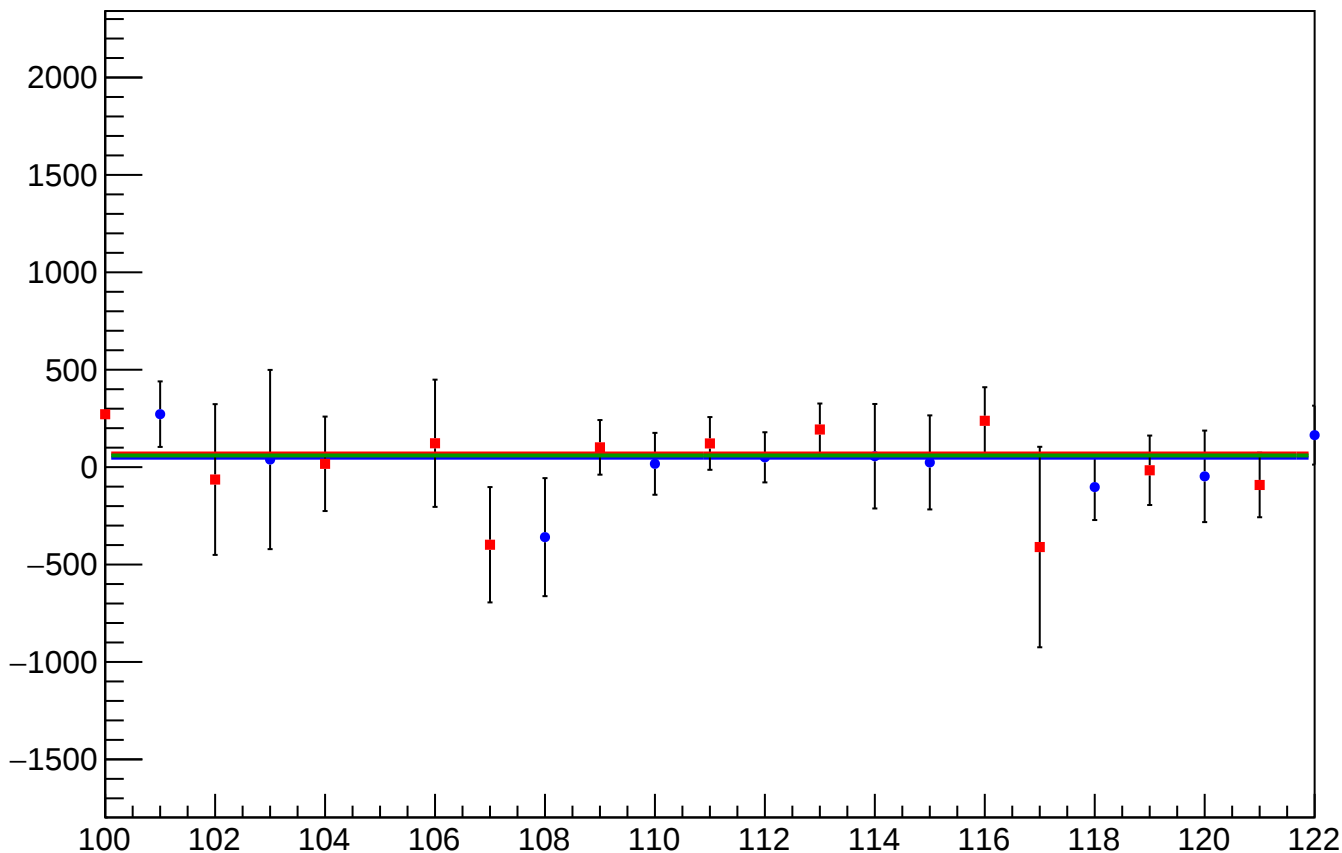
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 48.548+/-59.892 χ^2/NDF : 5.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.969+/-56.637 χ^2/NDF : 6.8/11

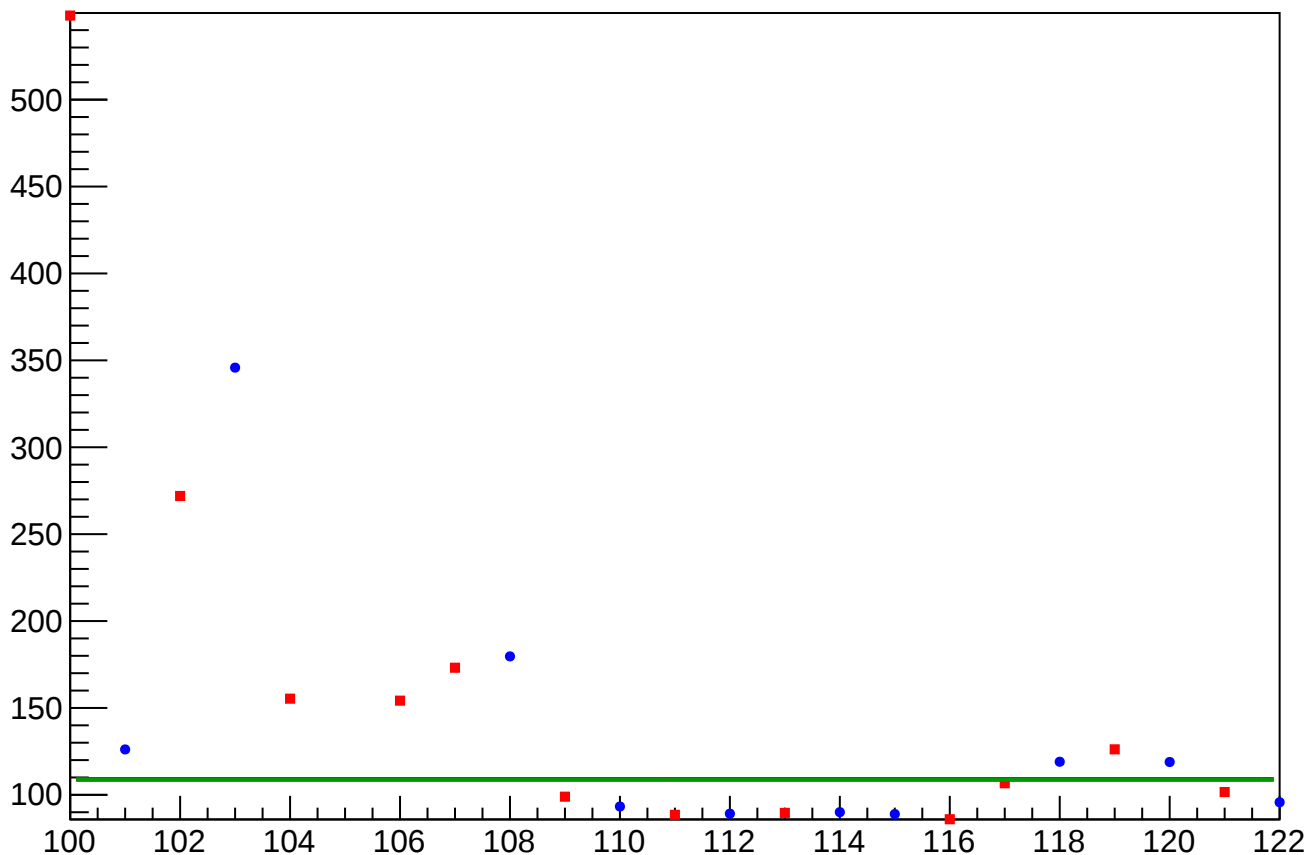
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

48.548+/-59.892 χ^2/NDF : 5.2/9

59.857+/-41.151 χ^2/NDF : 12.0/21

69.969+/-56.637 χ^2/NDF : 6.8/11

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 109.075+/-0.042 χ^2/NDF : 776451.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.694+/-0.040 χ^2/NDF : 806894.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

109.075+/-0.042 χ^2/NDF : 776451.8/9

108.874+/-0.029 χ^2/NDF : 1583388.7/21

108.694+/-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

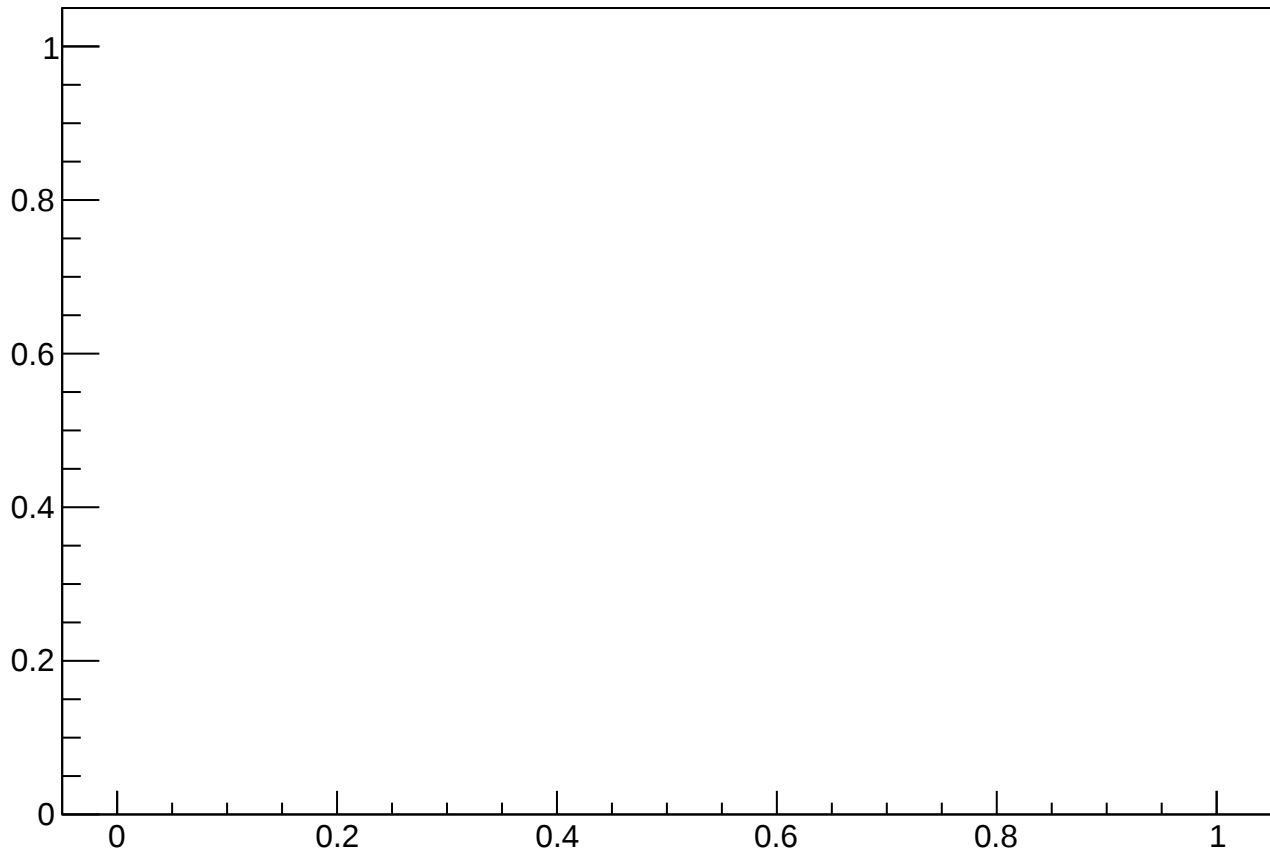
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

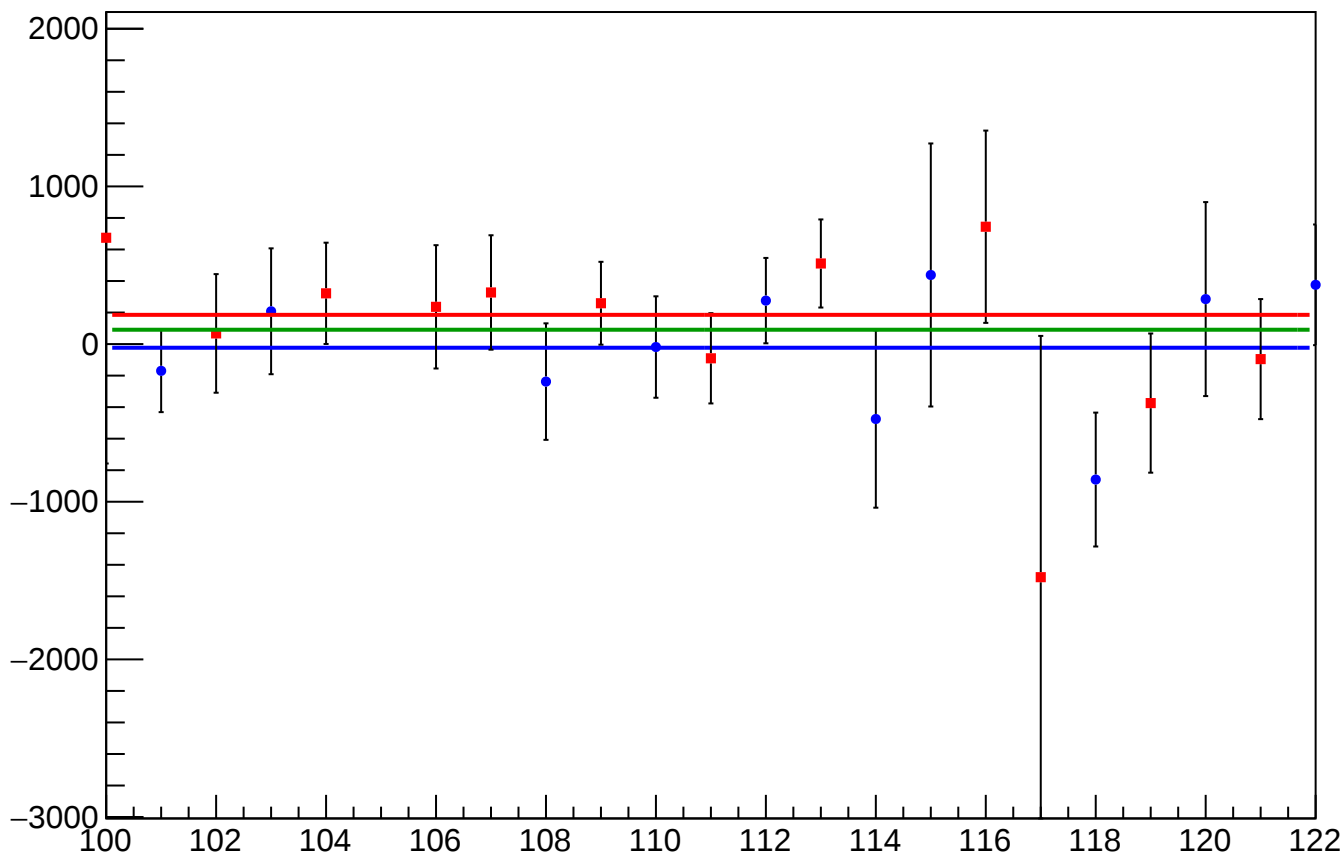
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -23.237+/-118.587 χ^2/NDF : 8.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 185.368+/-107.819 χ^2/NDF : 7.1/11

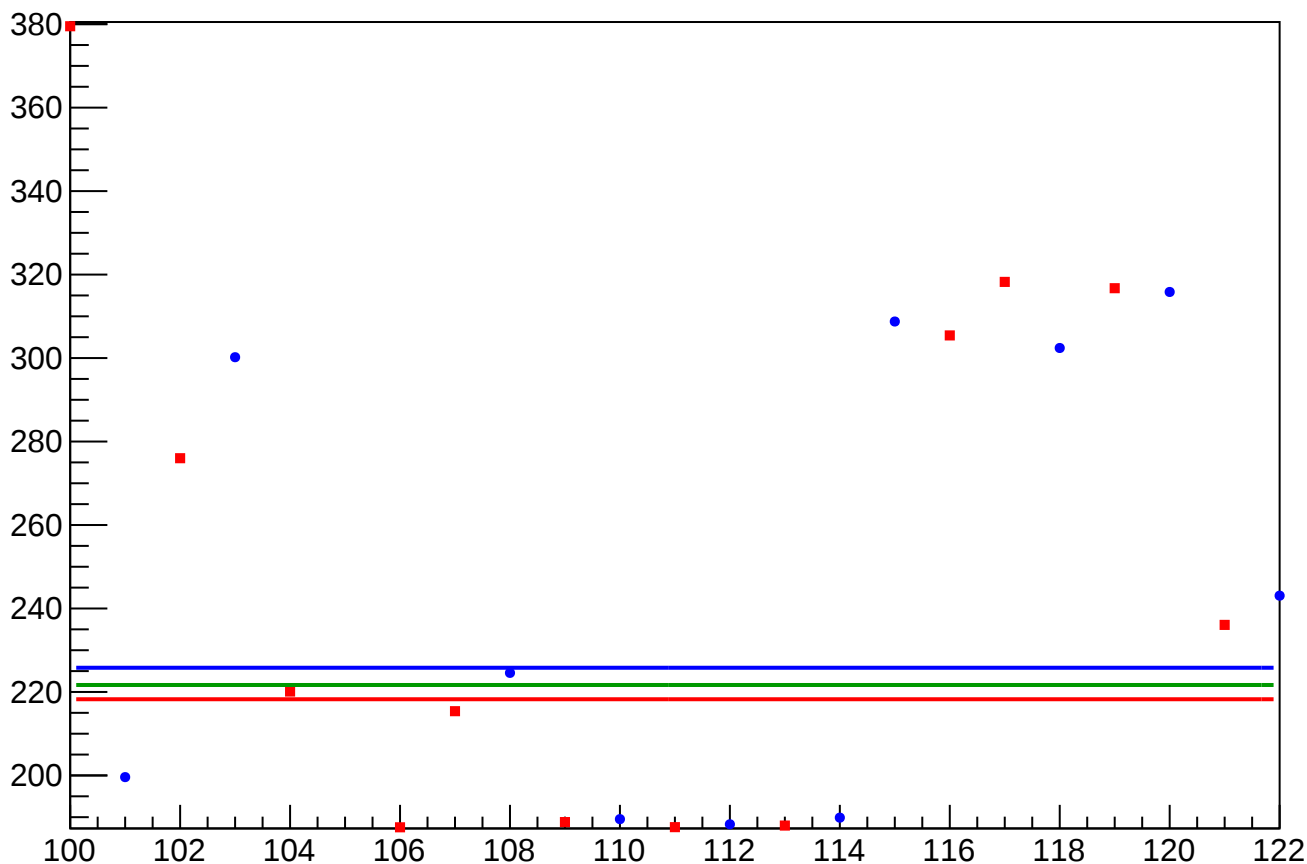
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-23.237+/-118.587 χ^2/NDF : 8.4/9

90.965+/-79.775 χ^2/NDF : 17.2/21

185.368+/-107.819 χ^2/NDF : 7.1/11

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 225.804+/-0.084 χ^2/NDF : 293290.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 218.256+/-0.076 χ^2/NDF : 309822.0/11

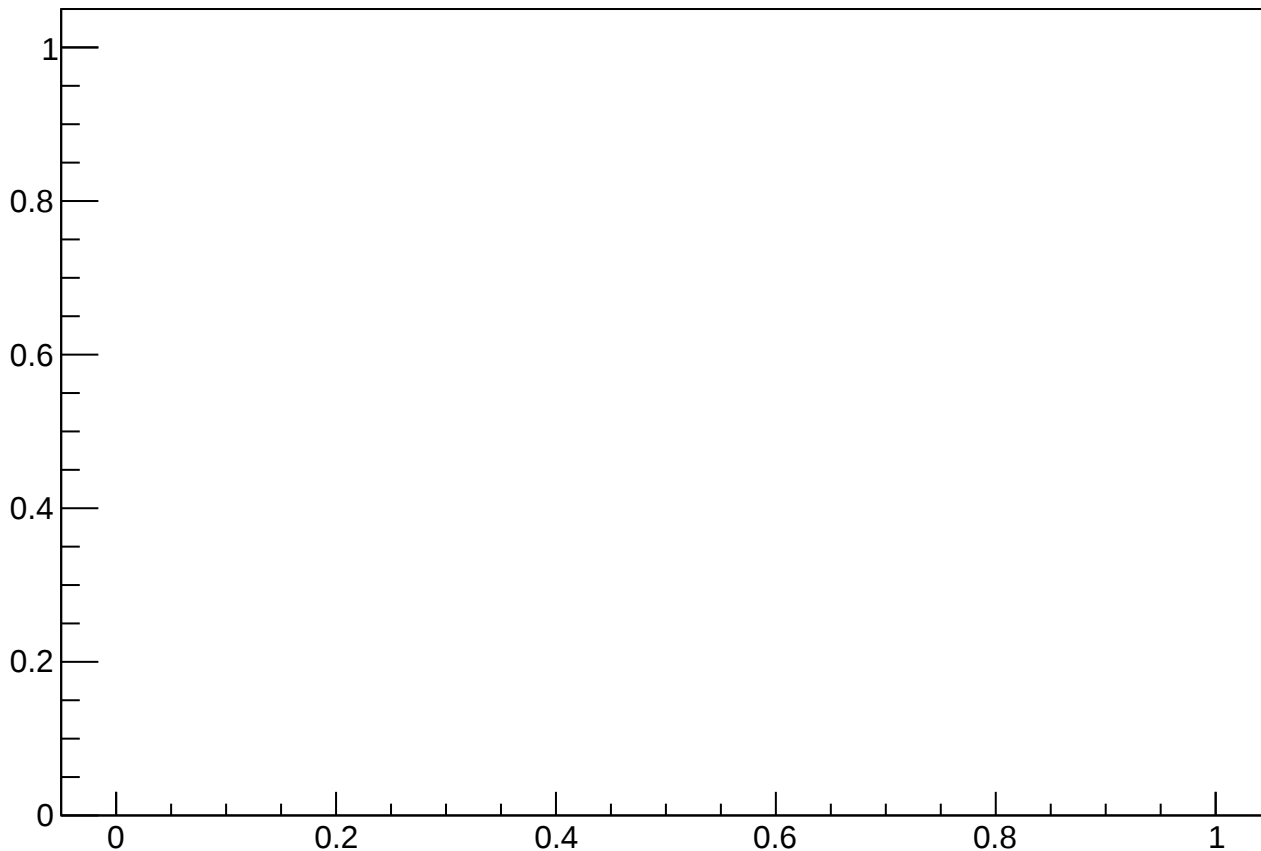
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

225.804+/-0.084 χ^2/NDF : 293290.6/9

221.672+/-0.056 χ^2/NDF : 607547.2/21

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

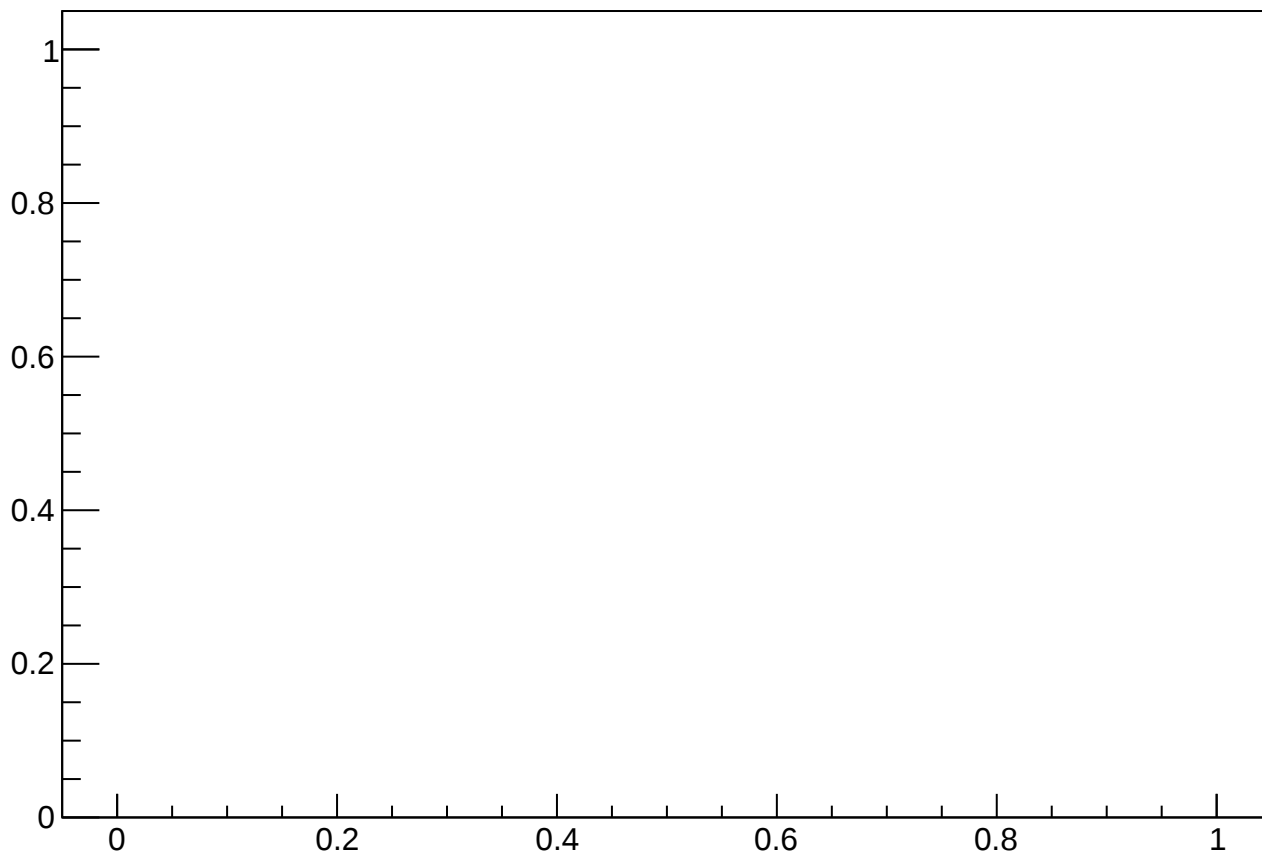
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

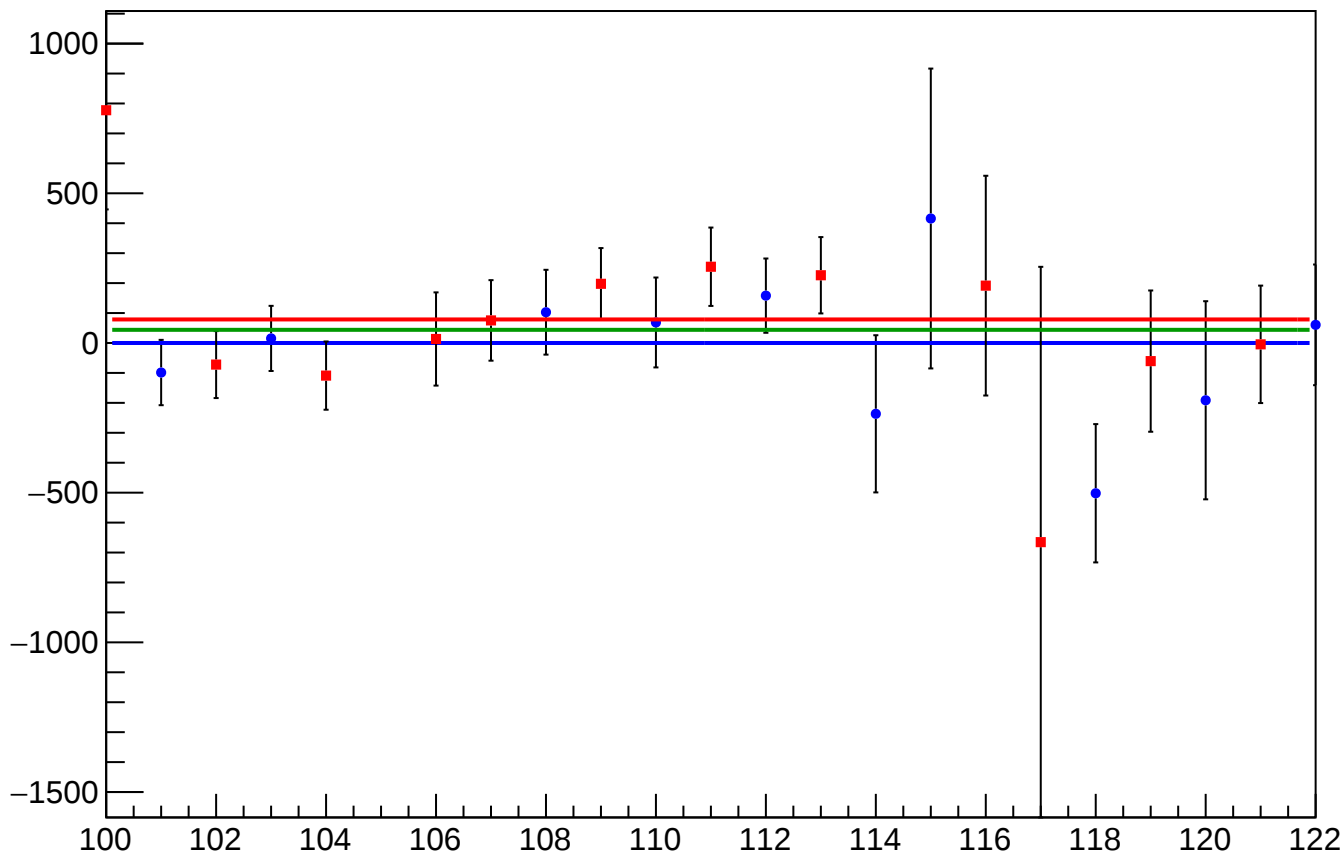
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -0.017 ± 50.083 χ^2/NDF : 9.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 78.623 ± 44.491 χ^2/NDF : 14.6/11

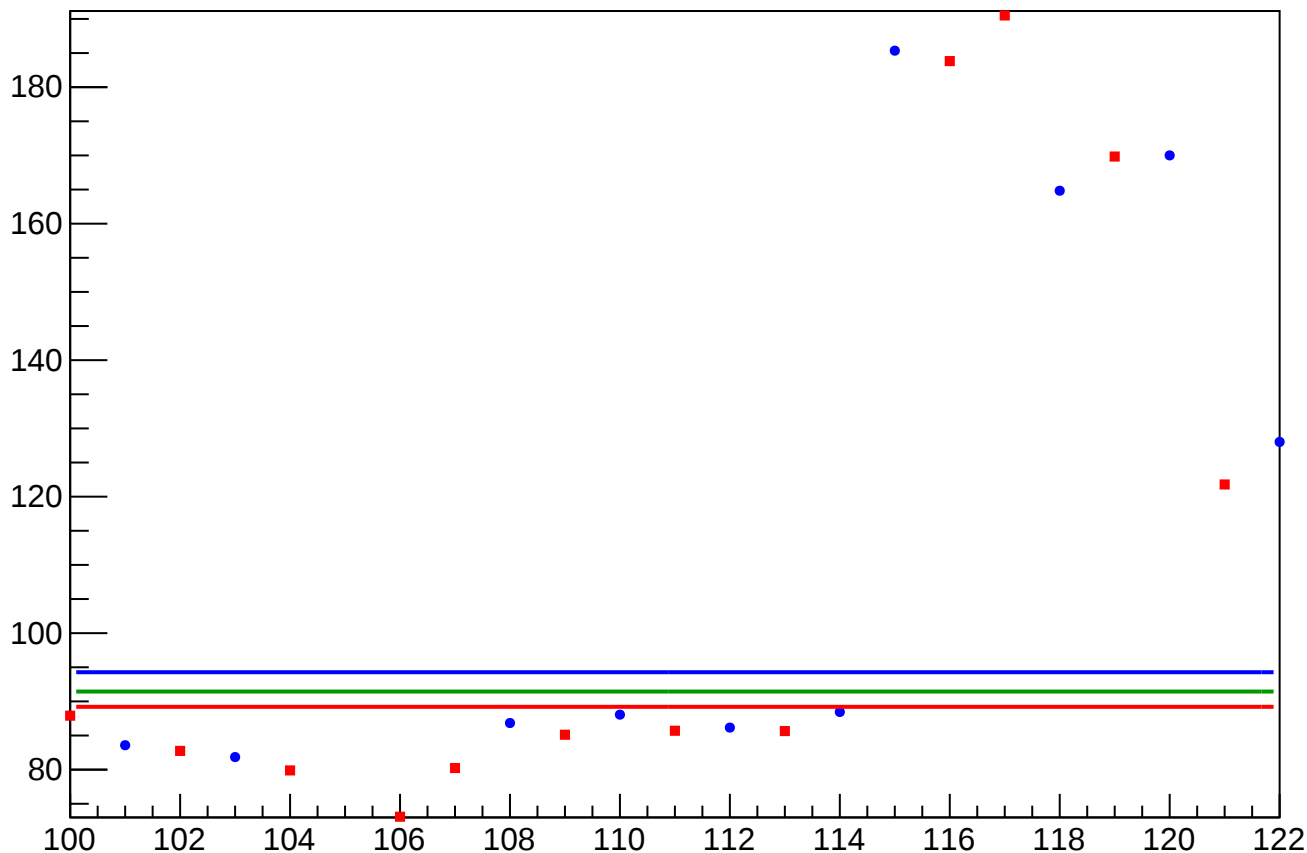
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.017 ± 50.083 χ^2/NDF : 9.8/9

43.937 ± 33.262 χ^2/NDF : 25.8/21

78.623 ± 44.491 χ^2/NDF : 14.6/11

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 94.277+/-0.035 χ^2/NDF : 477355.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.209+/-0.031 χ^2/NDF : 501695.4/11

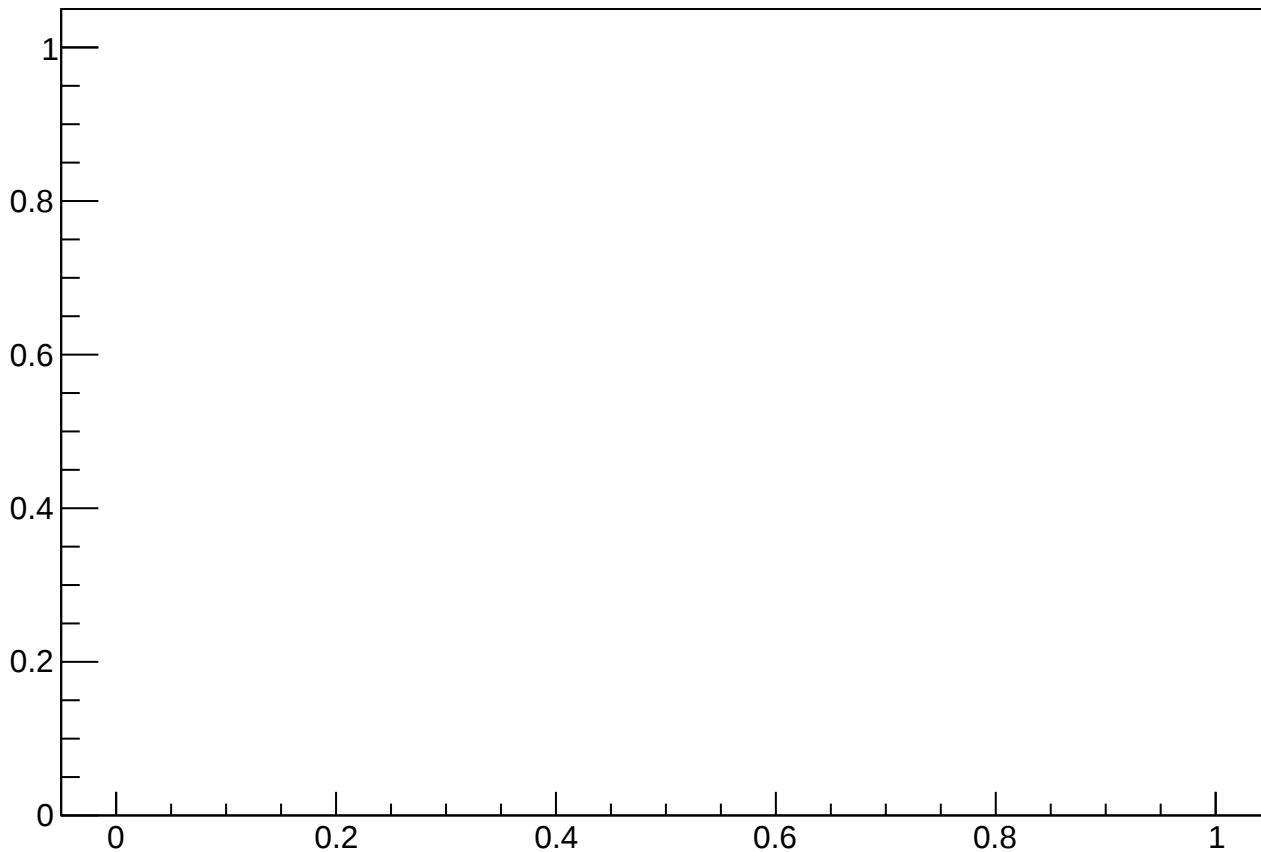
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

94.277+/-0.035 χ^2/NDF : 477355.3/9

91.444+/-0.024 χ^2/NDF : 990499.7/21

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

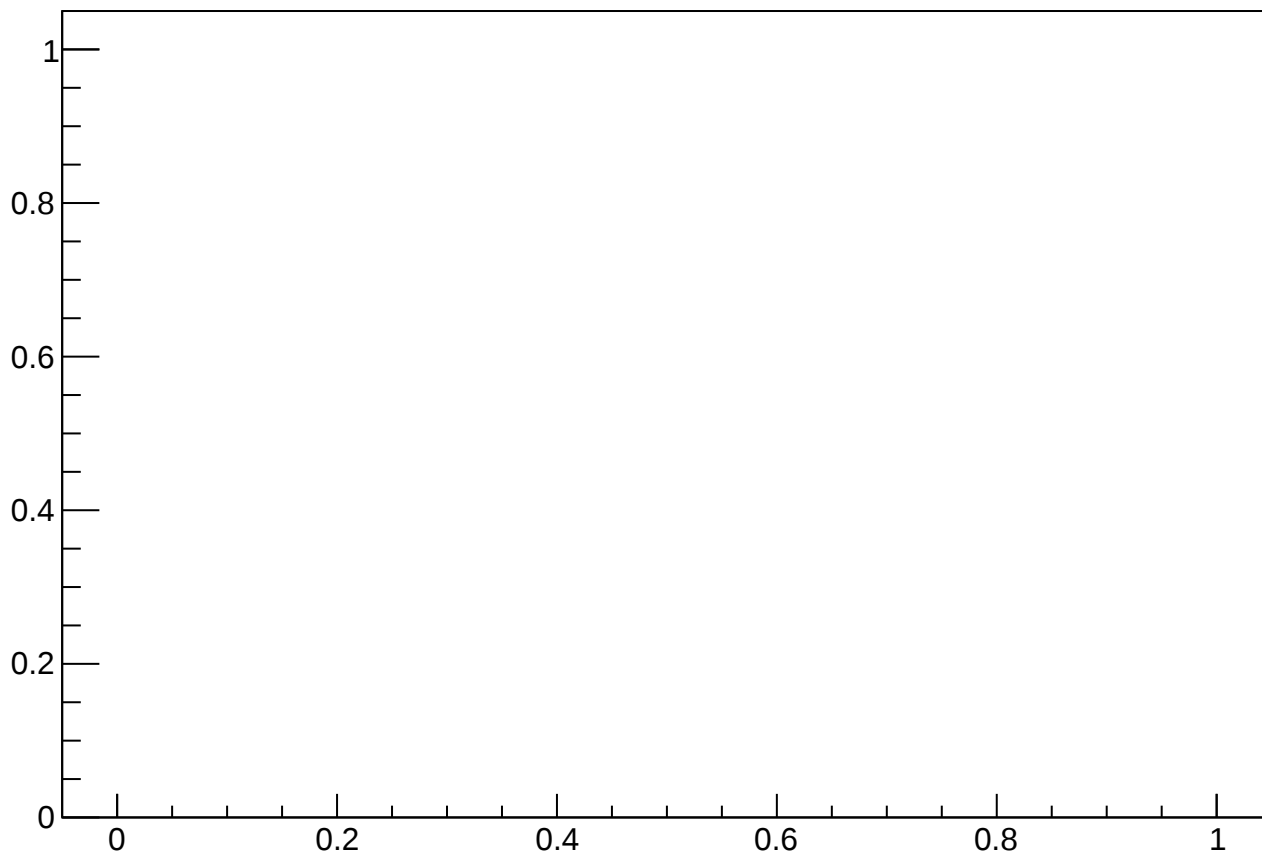
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

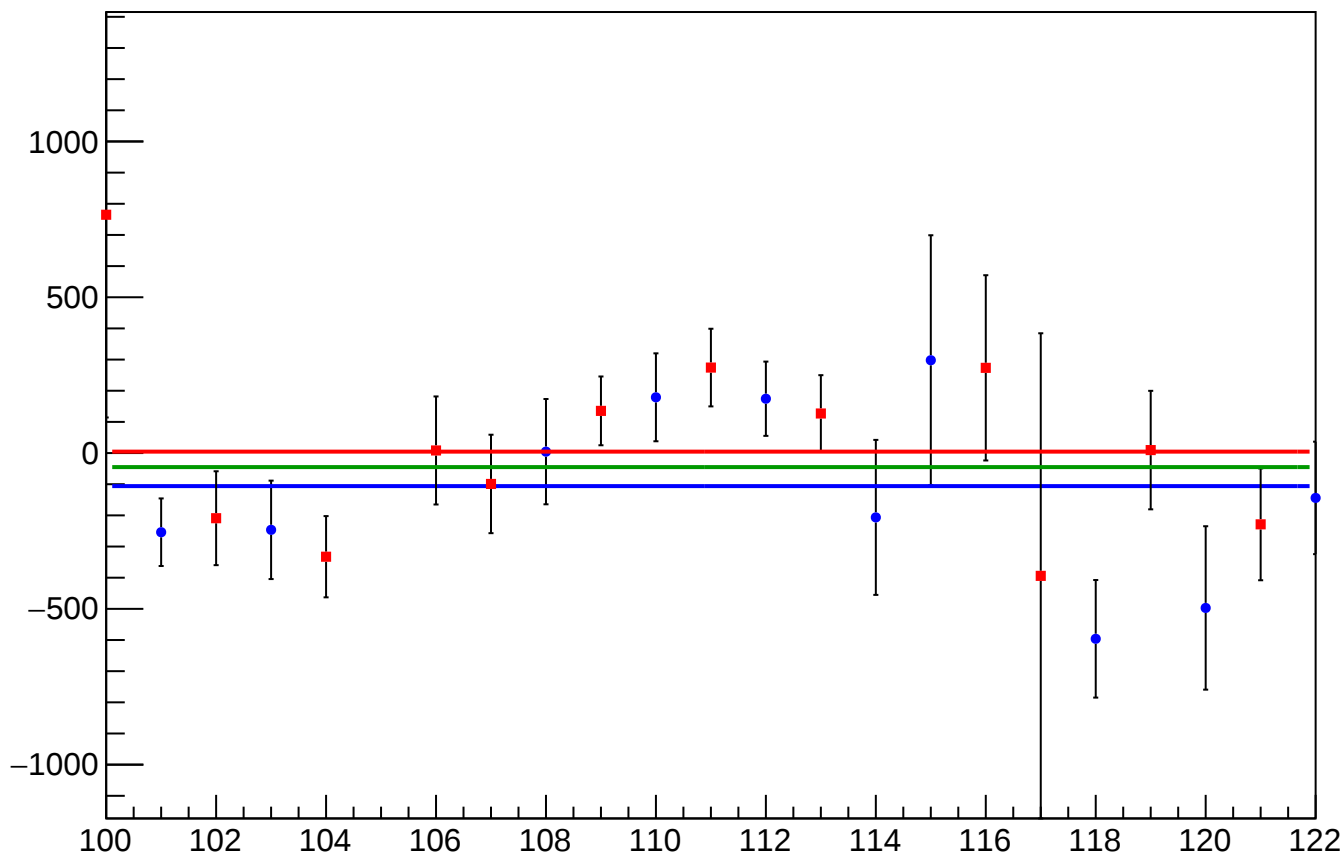
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -106.067+/-51.534 χ^2/NDF : 22.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.580+/-46.478 χ^2/NDF : 20.4/11

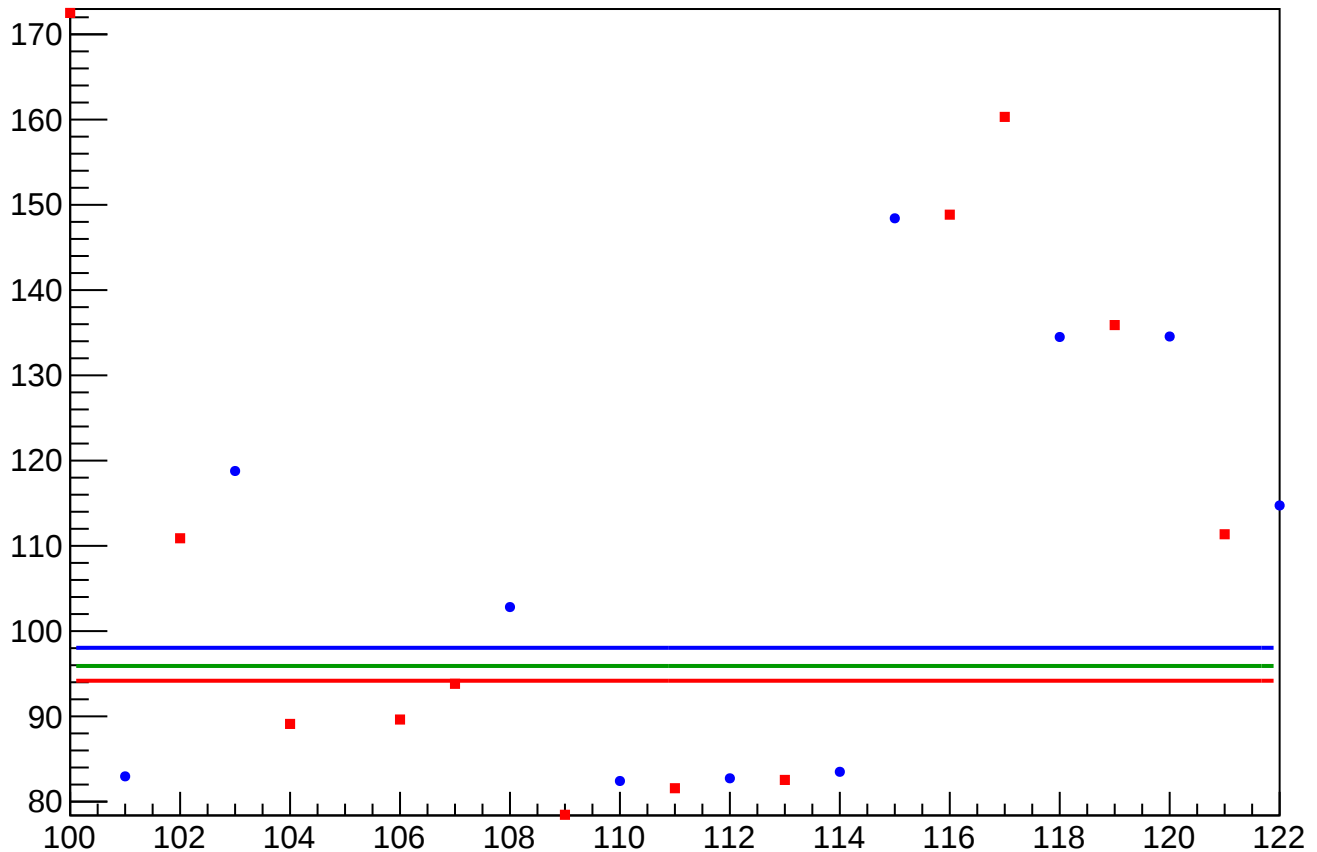
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-106.067+/-51.534 χ^2/NDF : 22.9/9

-45.051+/-34.514 χ^2/NDF : 45.8/21

4.580+/-46.478 χ^2/NDF : 20.4/11

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 98.042 $\pm$ 0.036 χ^2 /NDF: 301259.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 94.178 $\pm$ 0.033 χ^2 /NDF: 333666.2/11

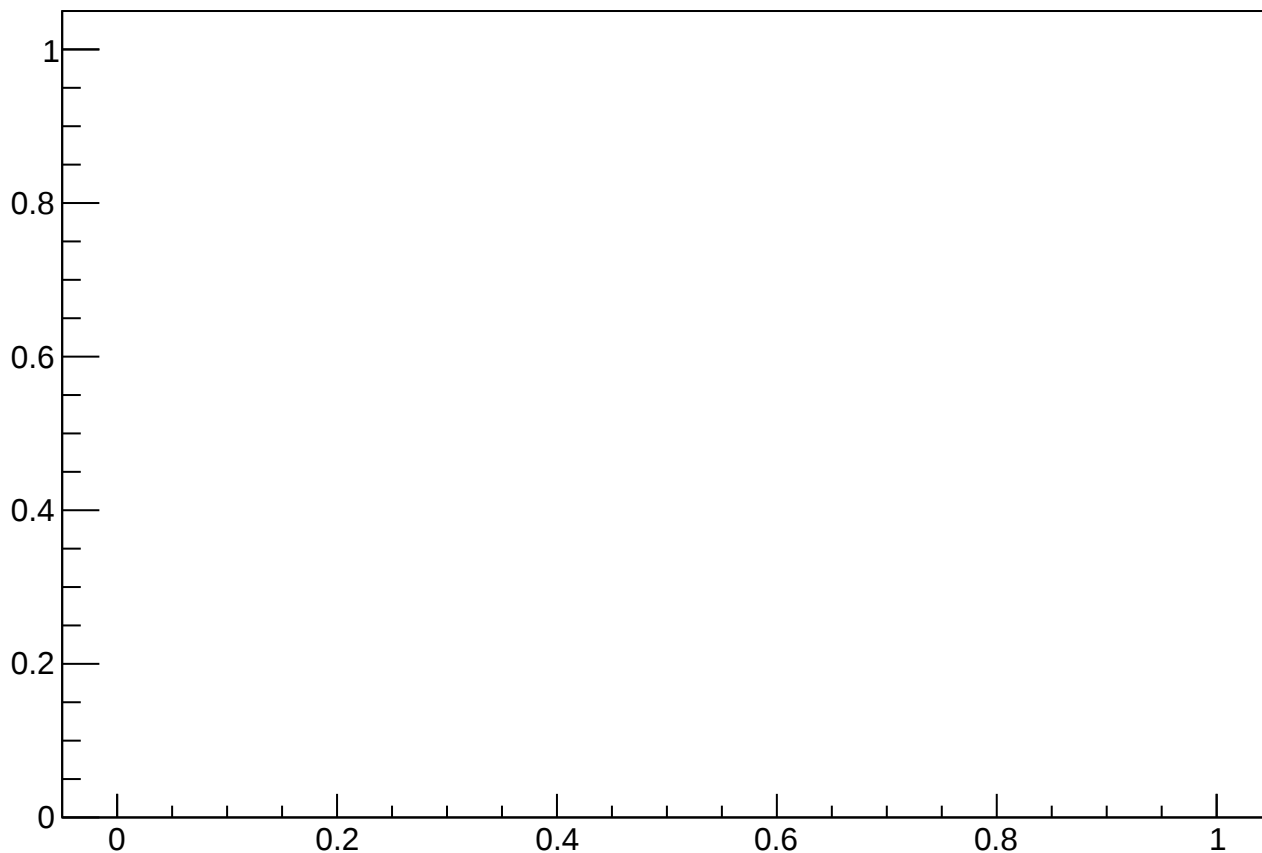
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

98.042 $\pm$ 0.036 χ^2 /NDF: 301259.3/9

95.911 $\pm$ 0.024 χ^2 /NDF: 641123.7/21

94.178 $\pm$ 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

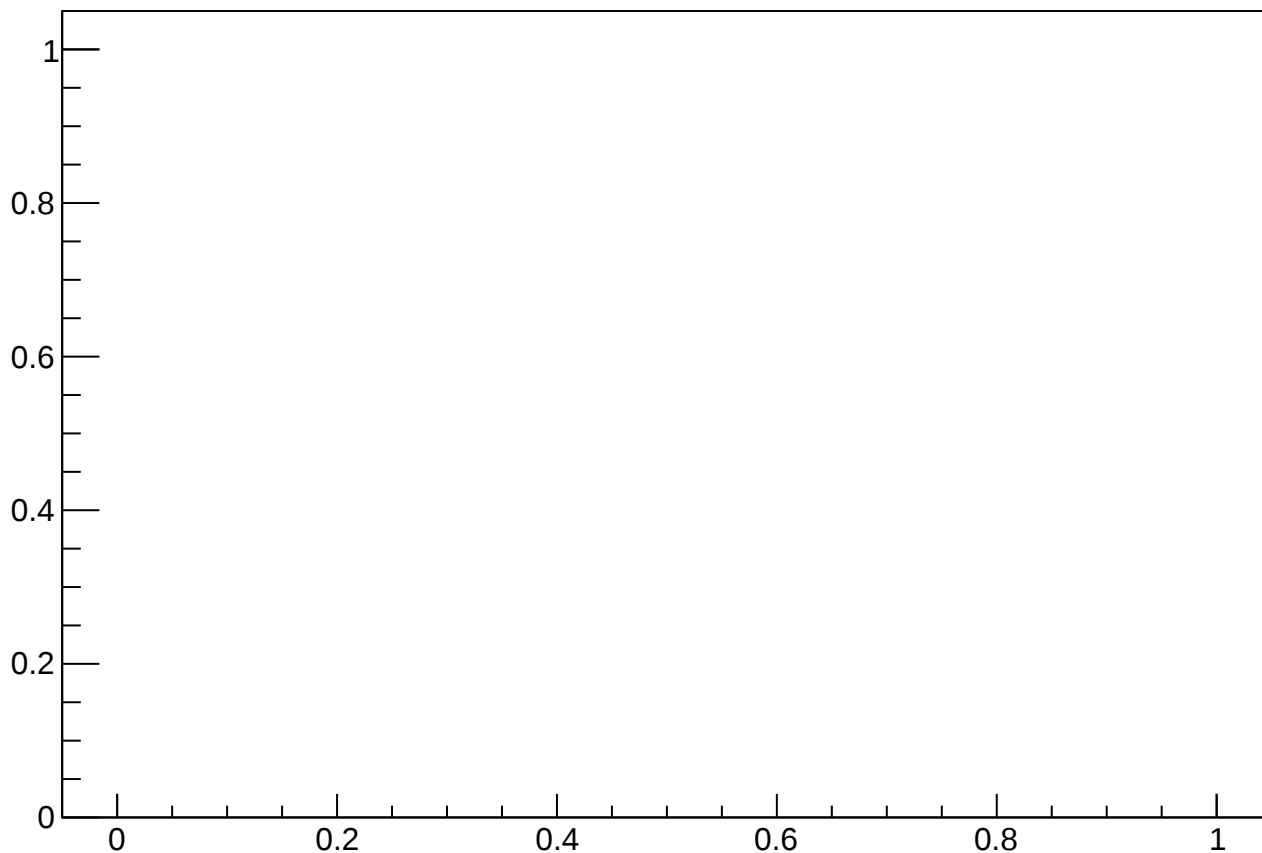
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

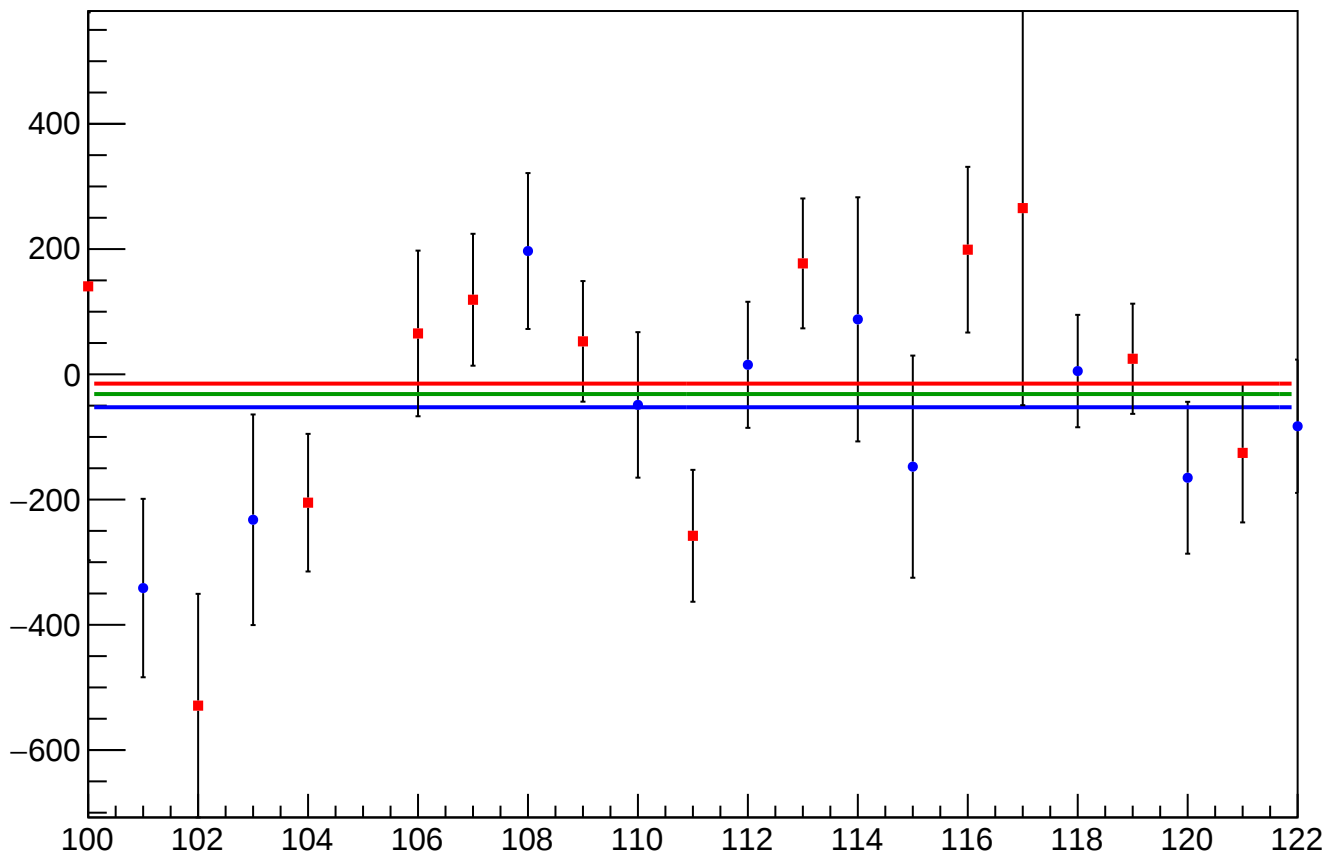
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -52.571+/-38.911 χ^2/NDF : 11.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.839+/-34.599 χ^2/NDF : 27.2/11

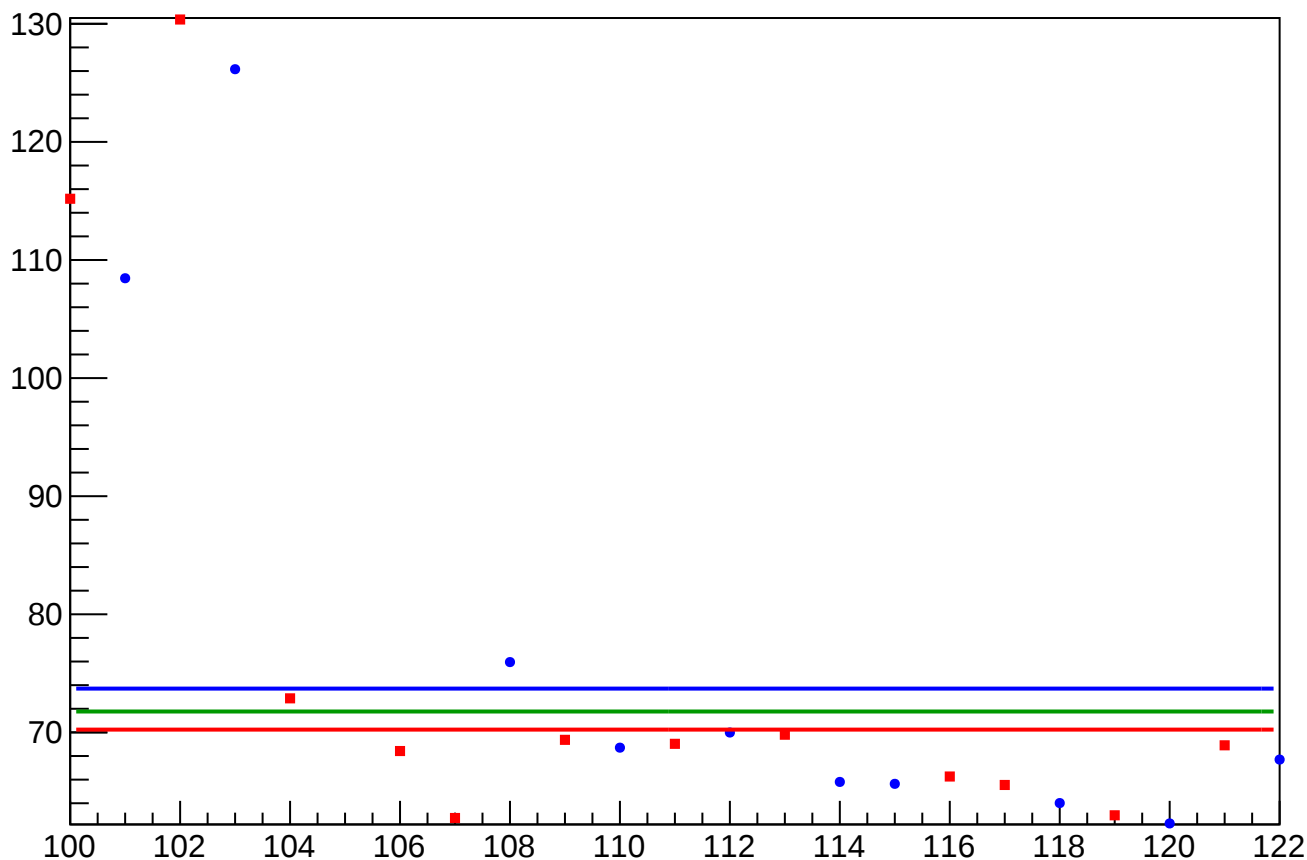
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-52.571+/-38.911 χ^2/NDF : 11.9/9

-31.499+/-25.856 χ^2/NDF : 39.7/21

-14.839+/-34.599 χ^2/NDF : 27.2/11

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 73.708 $\pm$ 0.028 χ^2 /NDF: 375491.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 70.236 $\pm$ 0.024 χ^2 /NDF: 276188.1/11

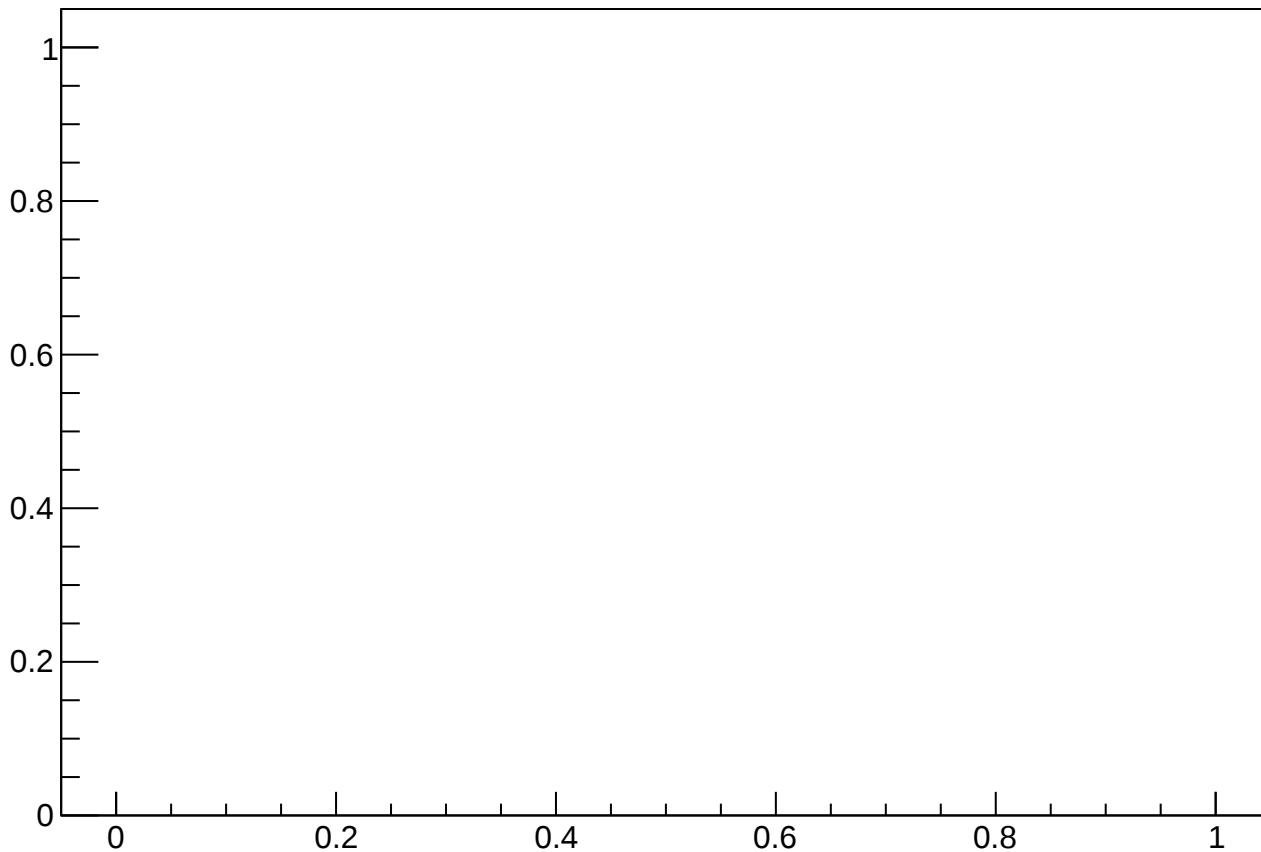
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

73.708 $\pm$ 0.028 χ^2 /NDF: 375491.7/9

71.769 $\pm$ 0.018 χ^2 /NDF: 660575.8/21

70.236 $\pm$ 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

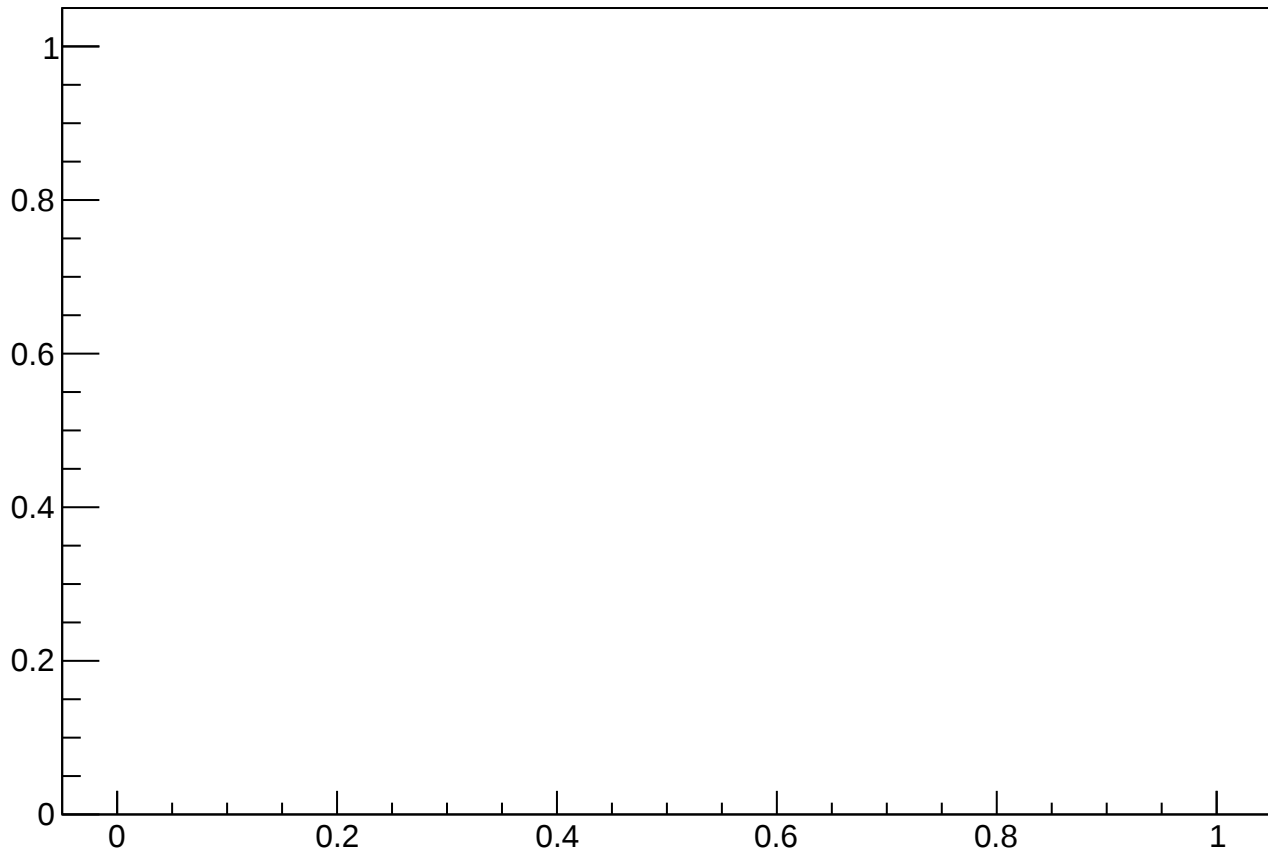
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

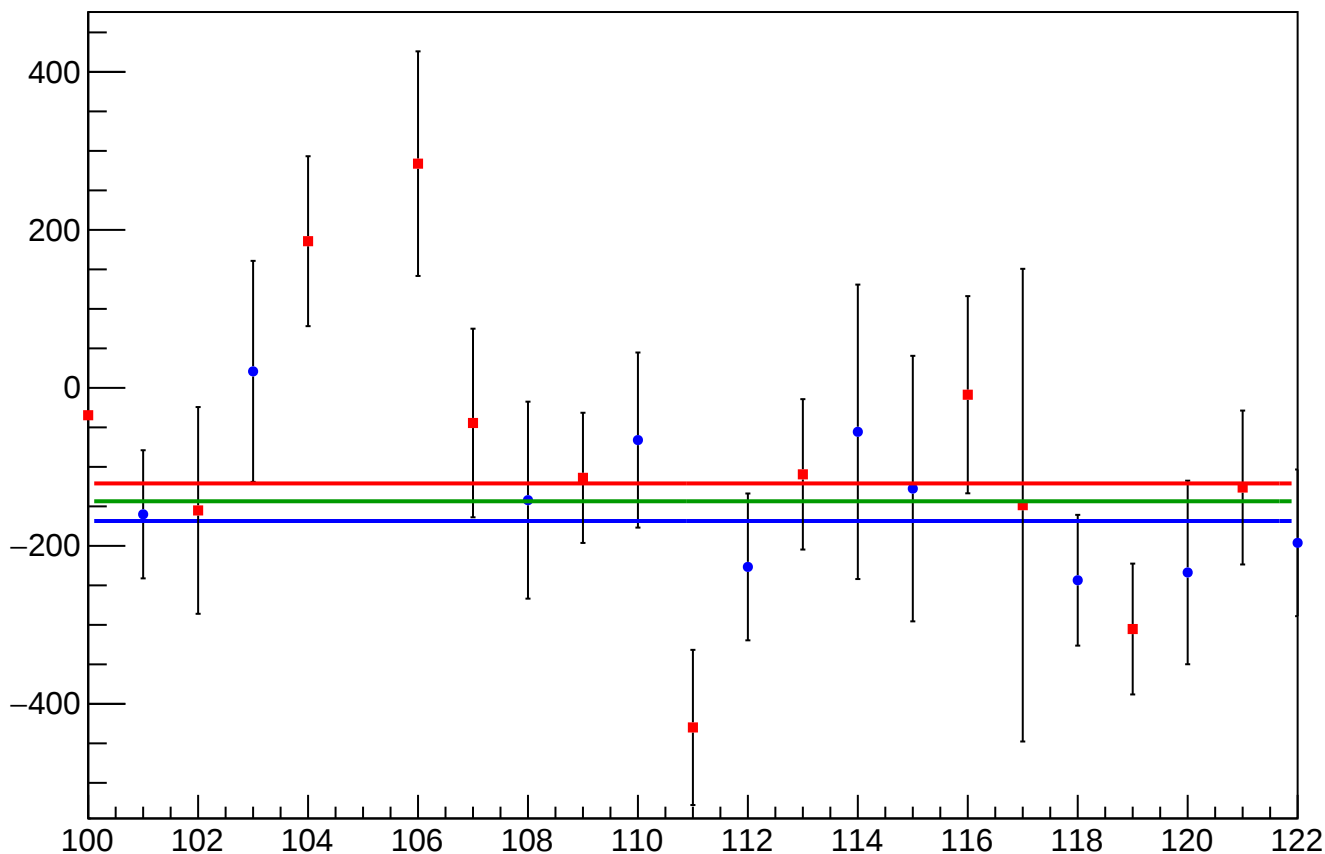
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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: -168.516 ± 34.003 χ^2/NDF : 4.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -120.955 ± 32.338 χ^2/NDF : 32.4/11

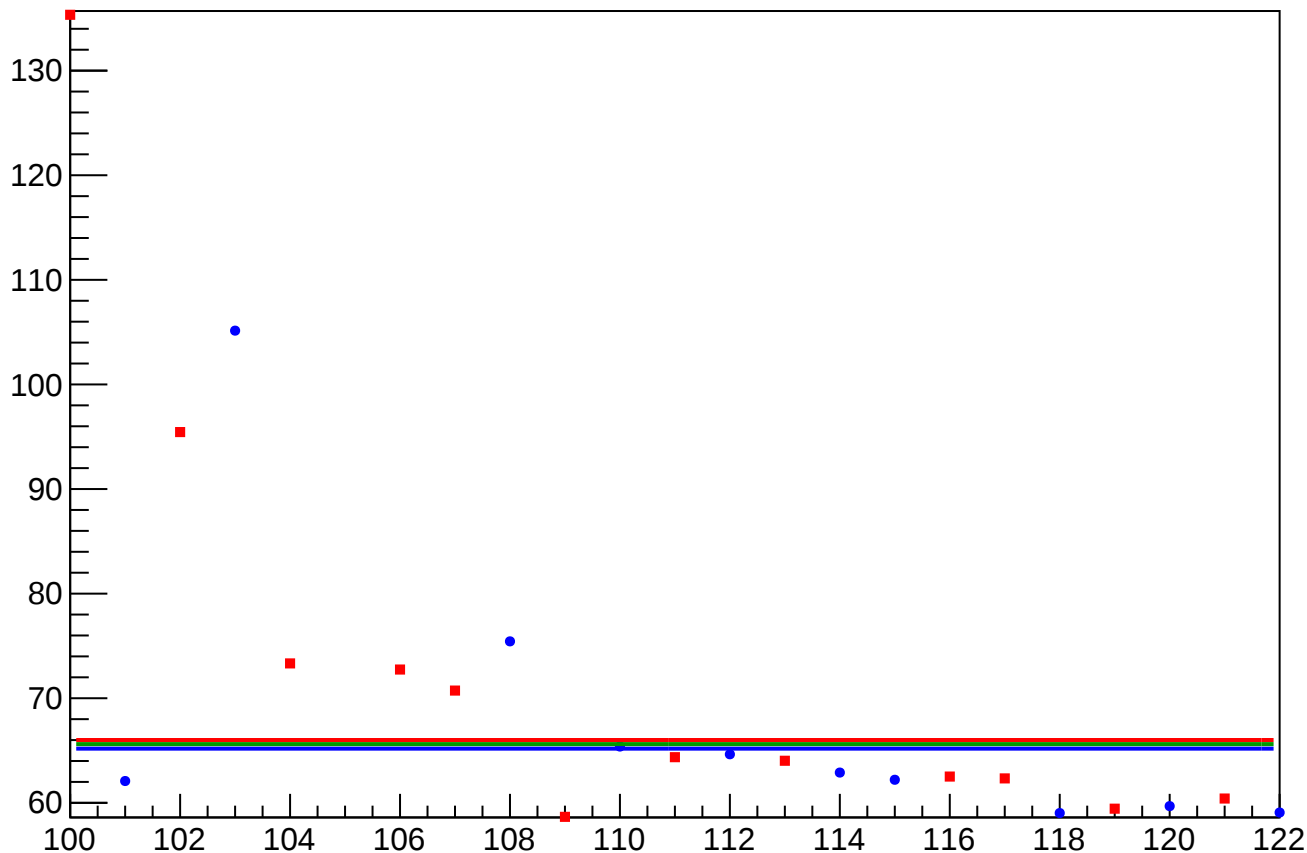
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-168.516 ± 34.003 χ^2/NDF : 4.8/9

-143.543 ± 23.433 χ^2/NDF : 38.2/21

-120.955 ± 32.338 χ^2/NDF : 32.4/11

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 65.181+/-0.024 χ^2/NDF : 204862.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.006+/-0.023 χ^2/NDF : 193383.3/11

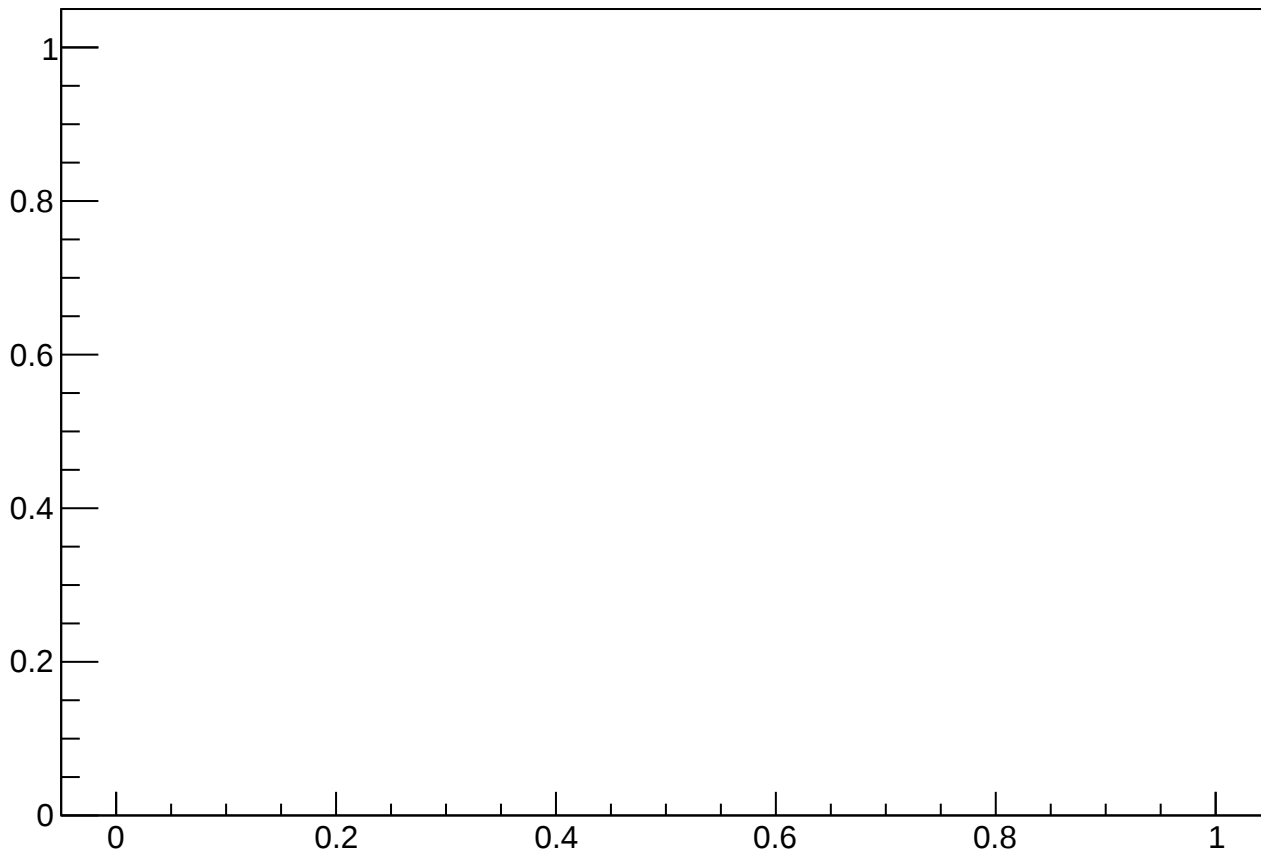
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

65.181+/-0.024 χ^2/NDF : 204862.7/9

65.614+/-0.017 χ^2/NDF : 398864.8/21

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

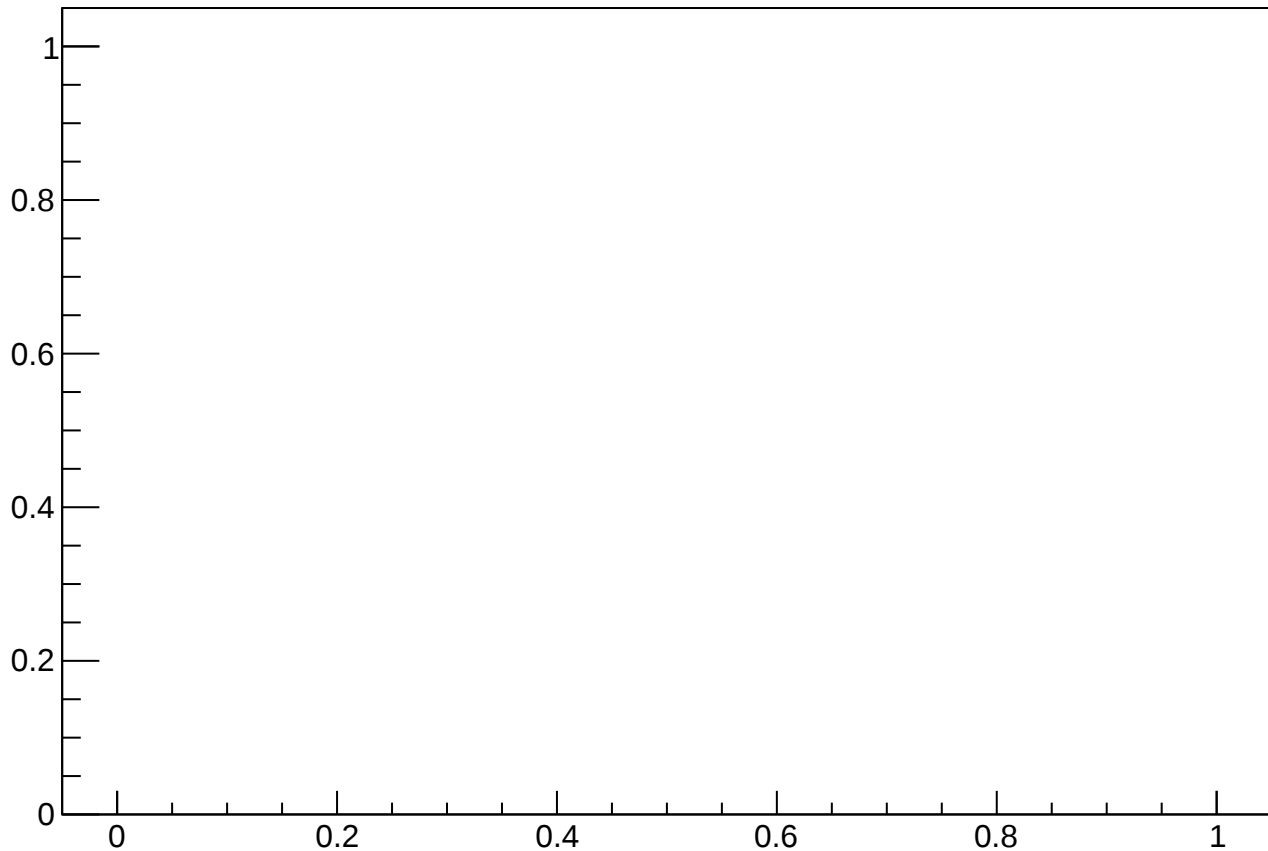
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

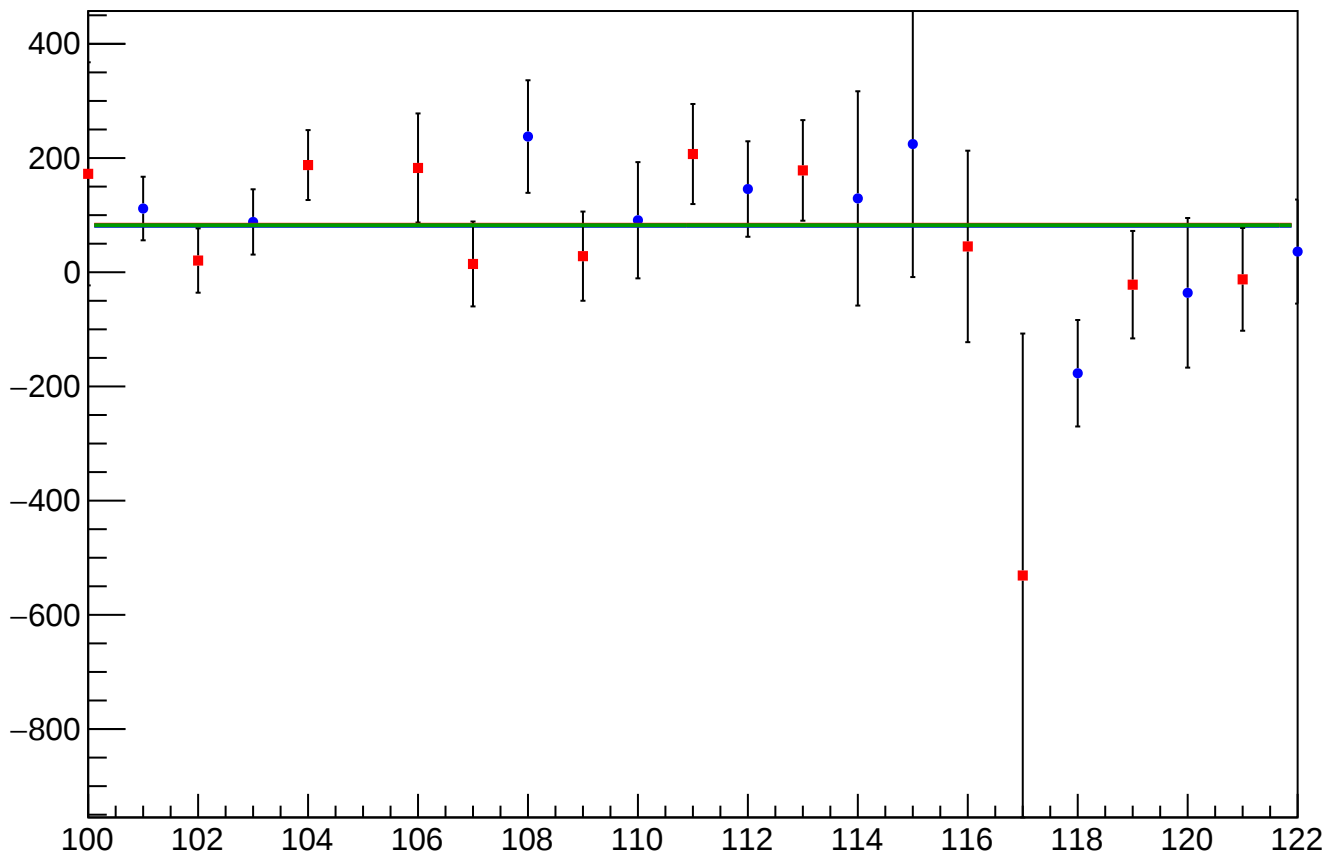
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 81.409+/-27.613 χ^2/NDF : 12.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.096+/-25.002 χ^2/NDF : 14.5/11

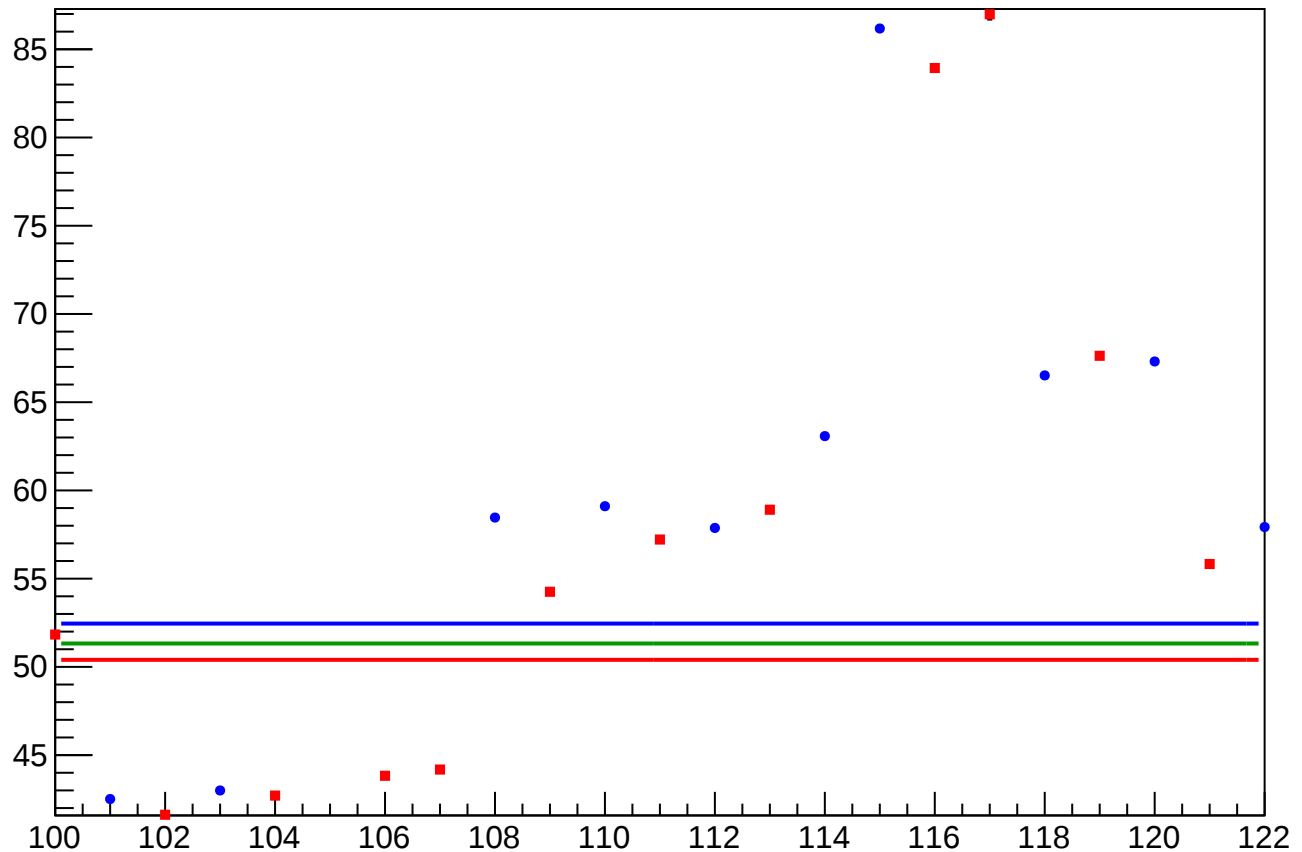
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

81.409+/-27.613 χ^2/NDF : 12.6/9

82.336+/-18.534 χ^2/NDF : 27.1/21

83.096+/-25.002 χ^2/NDF : 14.5/11

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 52.454+/-0.020 χ^2/NDF : 269623.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.401+/-0.018 χ^2/NDF : 308692.6/11

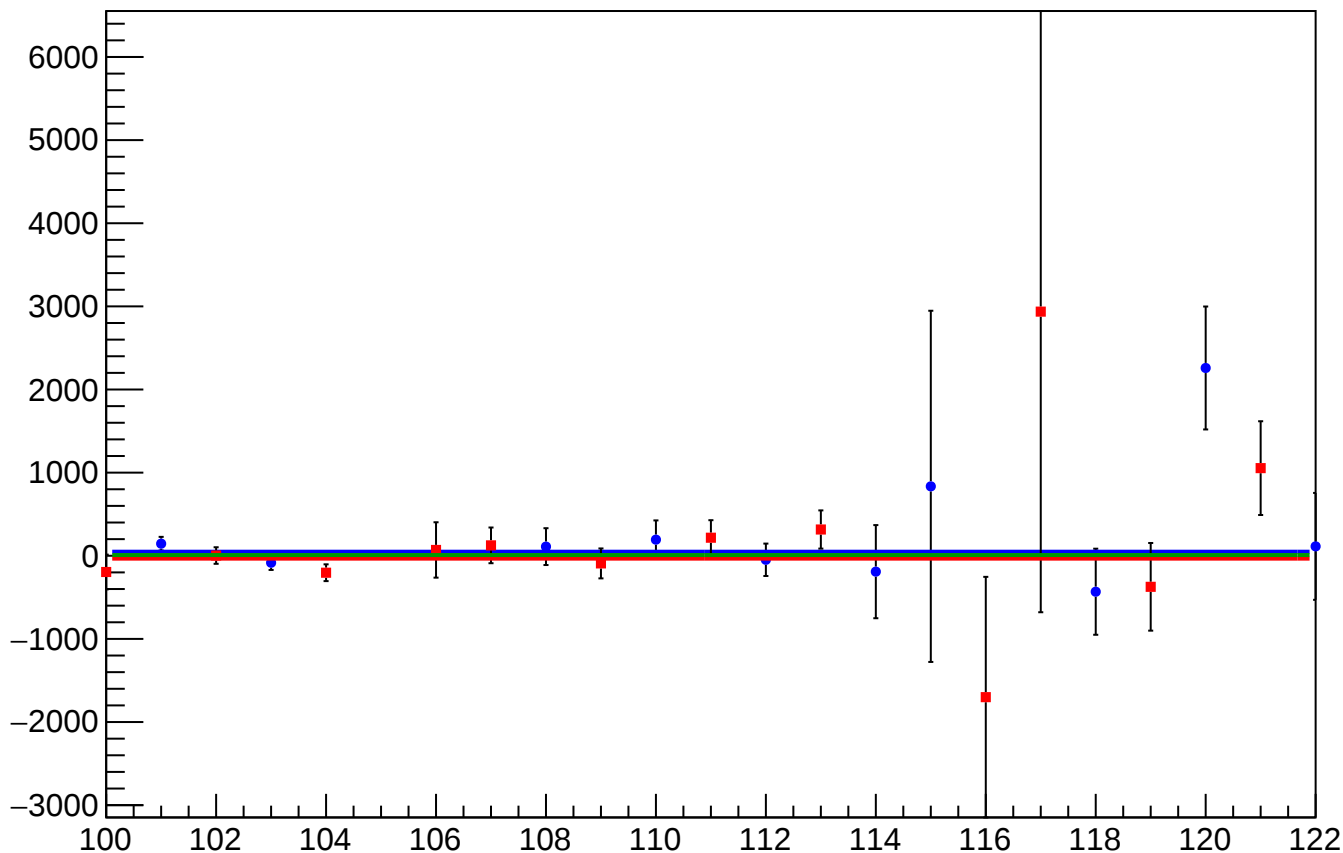
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

52.454+/-0.020 χ^2/NDF : 269623.0/9

51.326+/-0.013 χ^2/NDF : 584389.5/21

50.401+/-0.018 χ^2/NDF : 308692.6/11

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 48.942+/-52.873 χ^2 /NDF: 14.6/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -34.422+/-54.843 χ^2 /NDF: 14.2/11

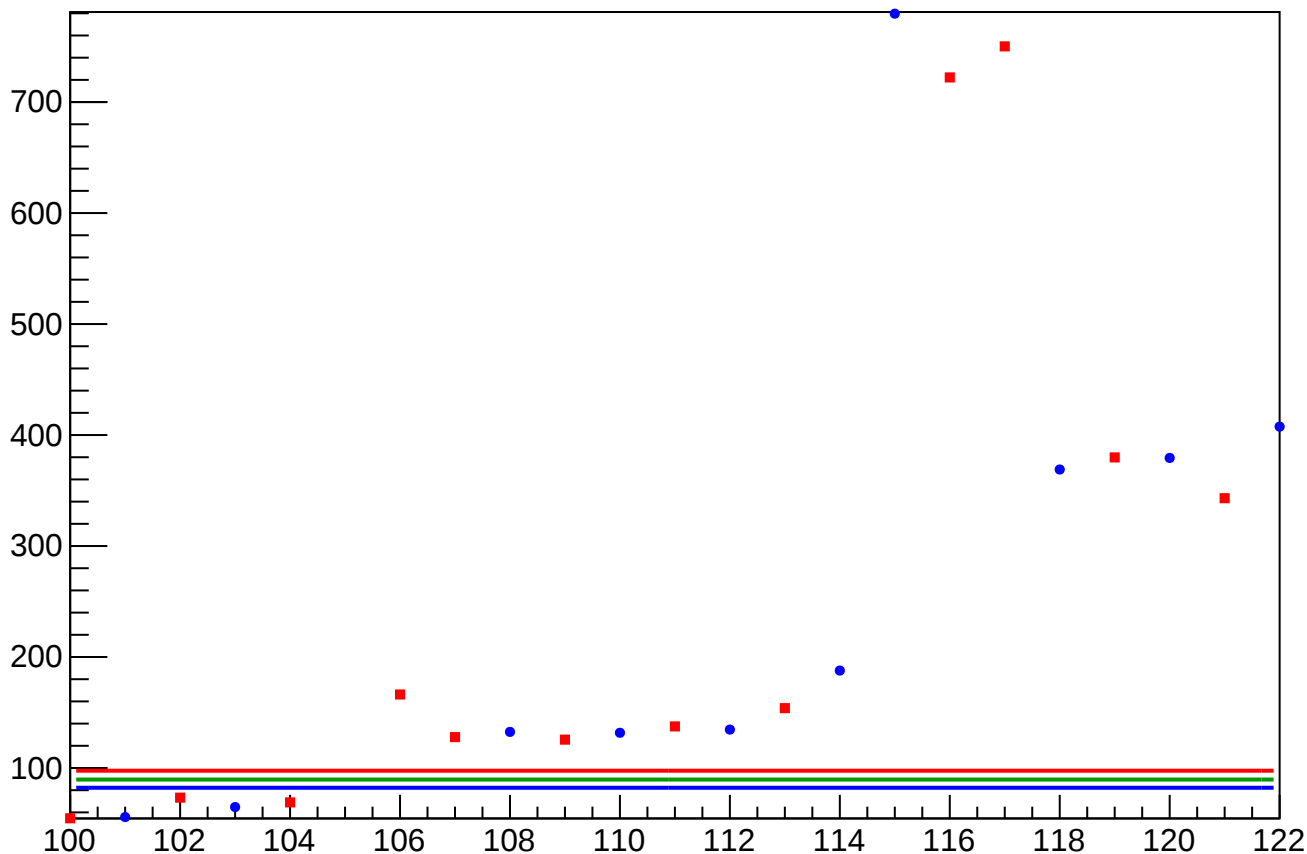
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

48.942+/-52.873 χ^2 /NDF: 14.6/9

8.785+/-38.064 χ^2 /NDF: 30.0/21

-34.422+/-54.843 χ^2 /NDF: 14.2/11

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 82.198+/-0.037 χ^2/NDF : 2364641.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.561+/-0.039 χ^2/NDF : 2119042.5/11

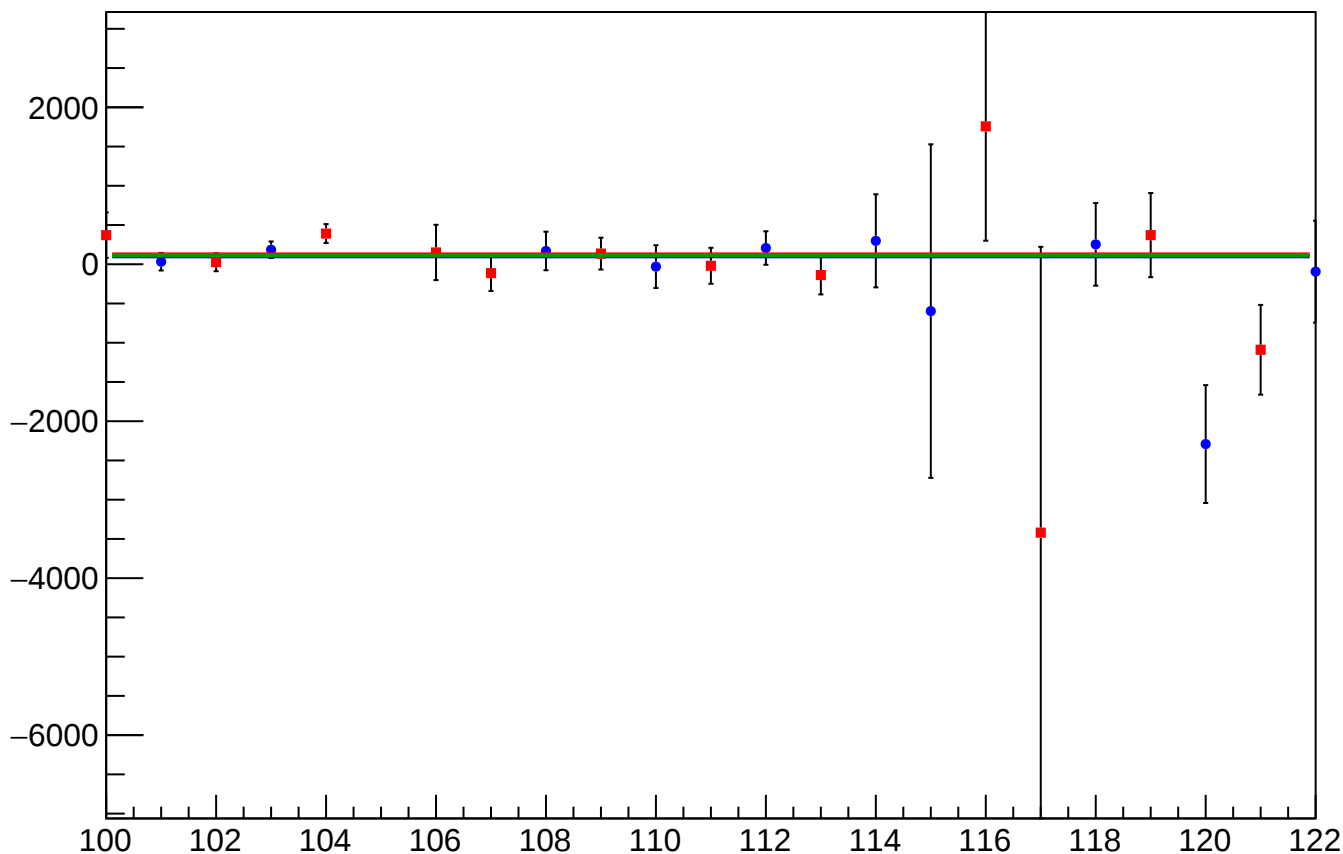
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

82.198+/-0.037 χ^2/NDF : 2364641.3/9

89.599+/-0.027 χ^2/NDF : 4565019.0/21

97.561+/-0.039 χ^2/NDF : 2119042.5/11

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 101.109 $\pm$ 65.585 χ^2 /NDF: 12.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 125.689 $\pm$ 63.157 χ^2 /NDF: 15.9/11

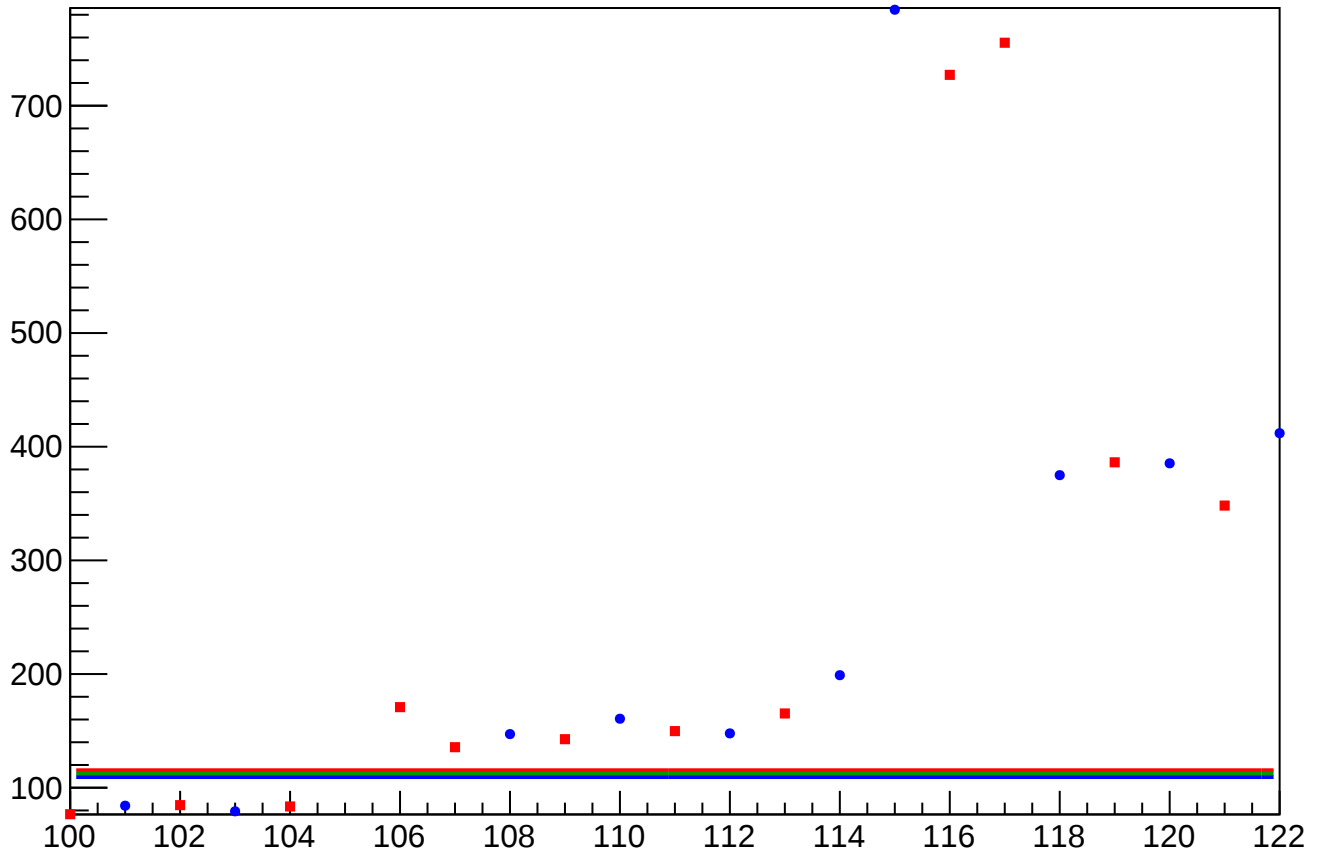
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

101.109 $\pm$ 65.585 χ^2 /NDF: 12.1/9

113.862 $\pm$ 45.493 χ^2 /NDF: 28.1/21

125.689 $\pm$ 63.157 χ^2 /NDF: 15.9/11

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 109.427+/-0.046 χ^2/NDF : 1908474.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.319+/-0.045 χ^2/NDF : 1803887.8/11

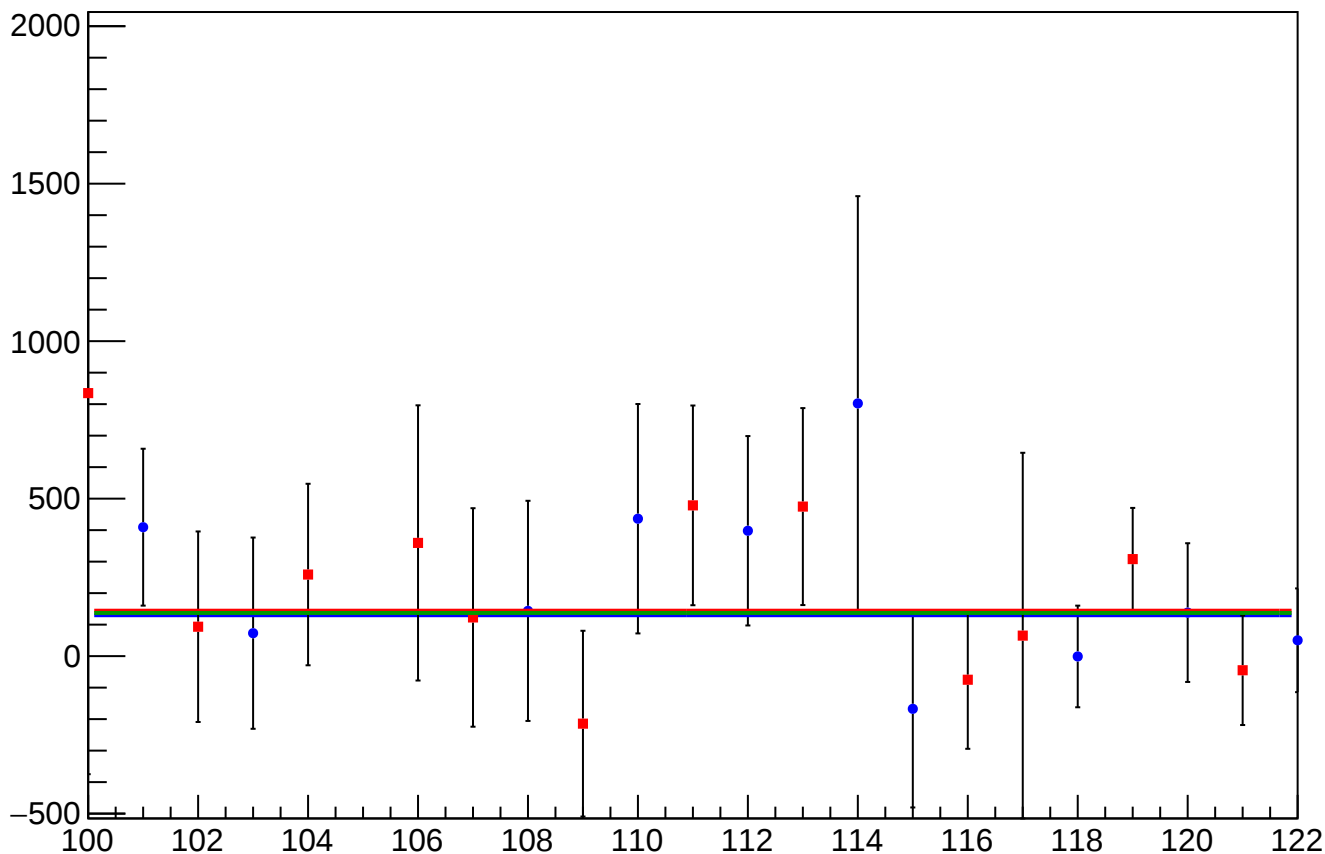
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

109.427+/-0.046 χ^2/NDF : 1908474.2/9

112.484+/-0.032 χ^2/NDF : 3720737.0/21

115.319+/-0.045 χ^2/NDF : 1803887.8/11

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 129.926 $\pm$ 78.521 χ^2 /NDF: 5.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 144.180 $\pm$ 78.188 χ^2 /NDF: 7.7/11

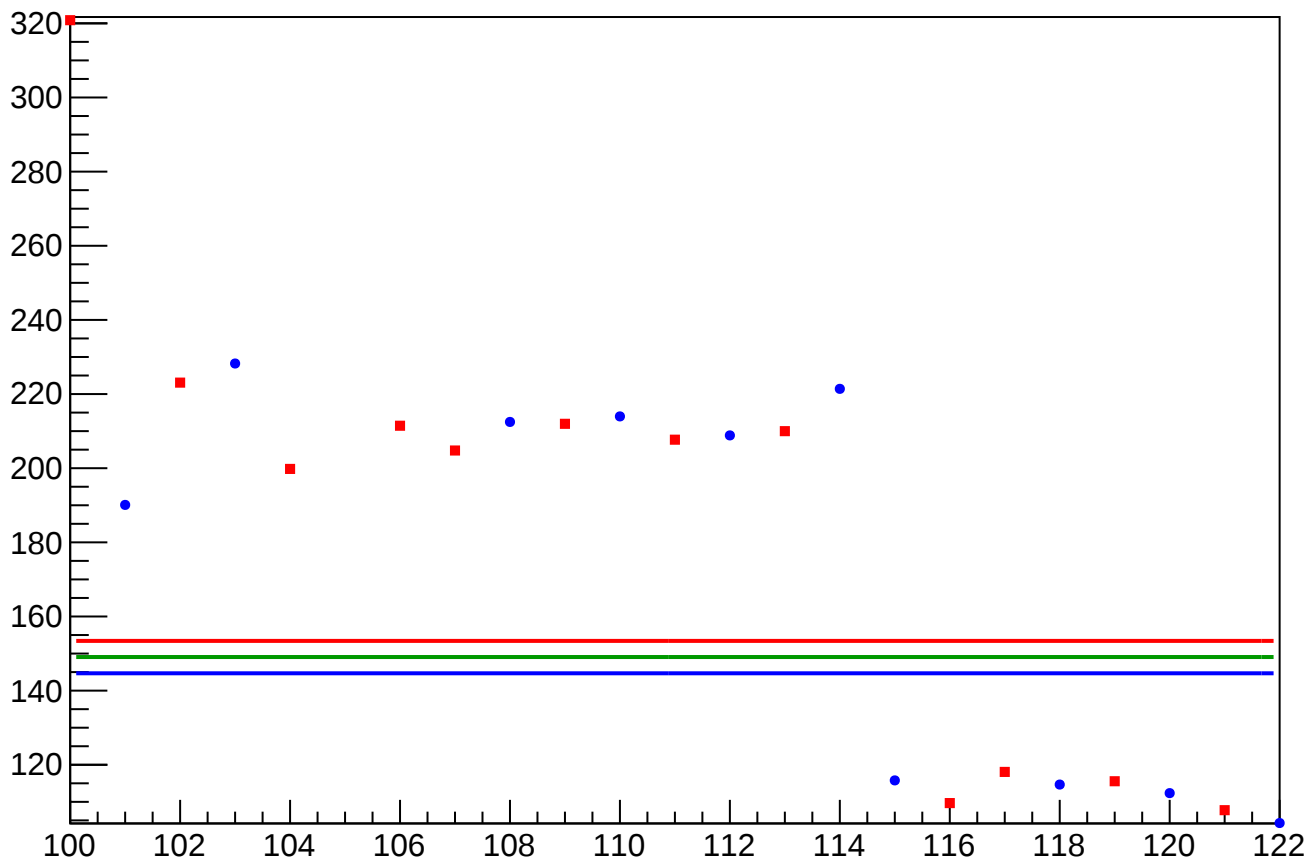
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

129.926 $\pm$ 78.521 χ^2 /NDF: 5.6/9

137.083 $\pm$ 55.405 χ^2 /NDF: 13.3/21

144.180 $\pm$ 78.188 χ^2 /NDF: 7.7/11

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 144.678+/-0.056 χ^2/NDF : 733683.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.417+/-0.055 χ^2/NDF : 811762.4/11

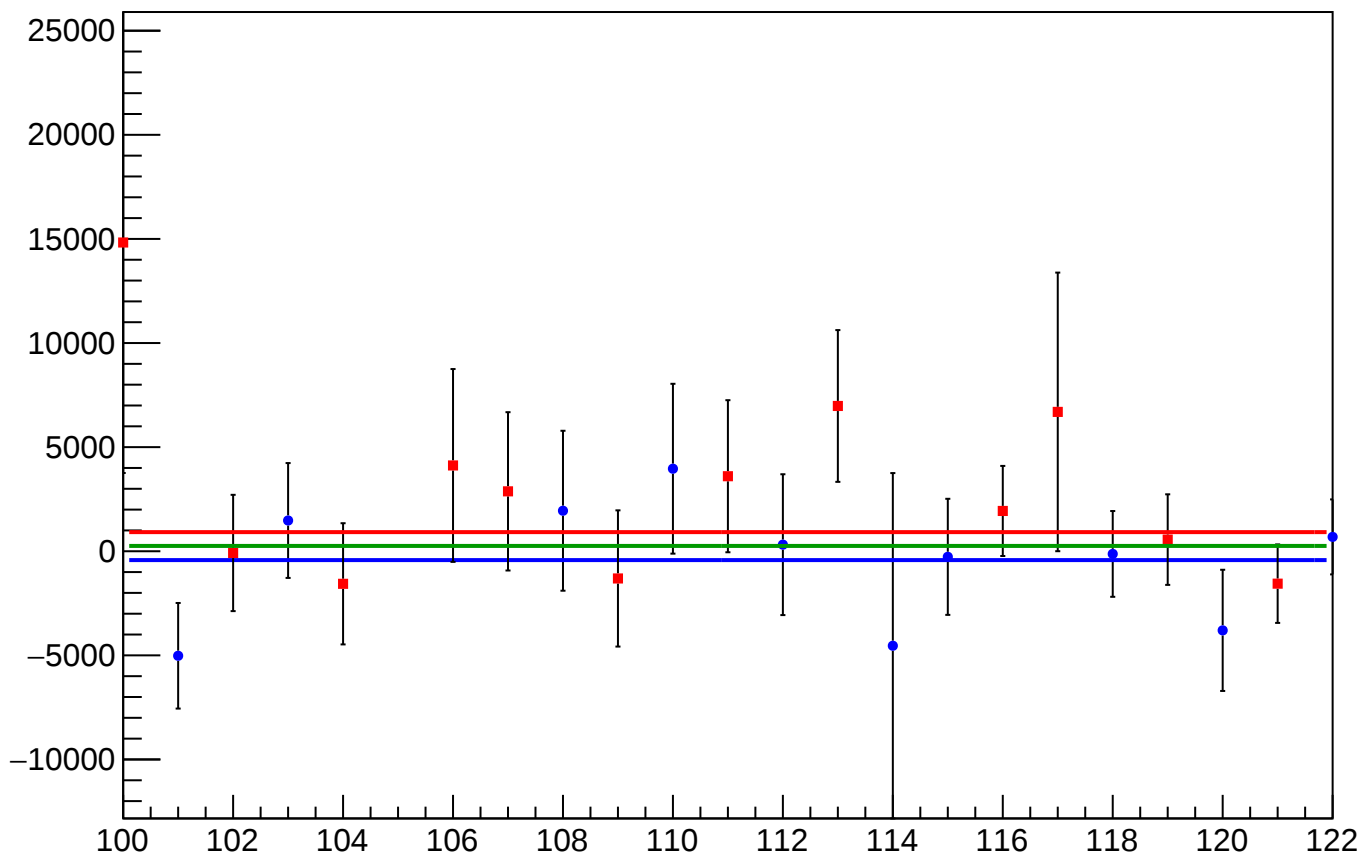
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

144.678+/-0.056 χ^2/NDF : 733683.4/9

149.066+/-0.039 χ^2/NDF : 1557884.7/21

153.417+/-0.055 χ^2/NDF : 811762.4/11

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -424.975+/-874.524 χ^2/NDF : 7.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 918.455+/-862.955 χ^2/NDF : 9.7/11

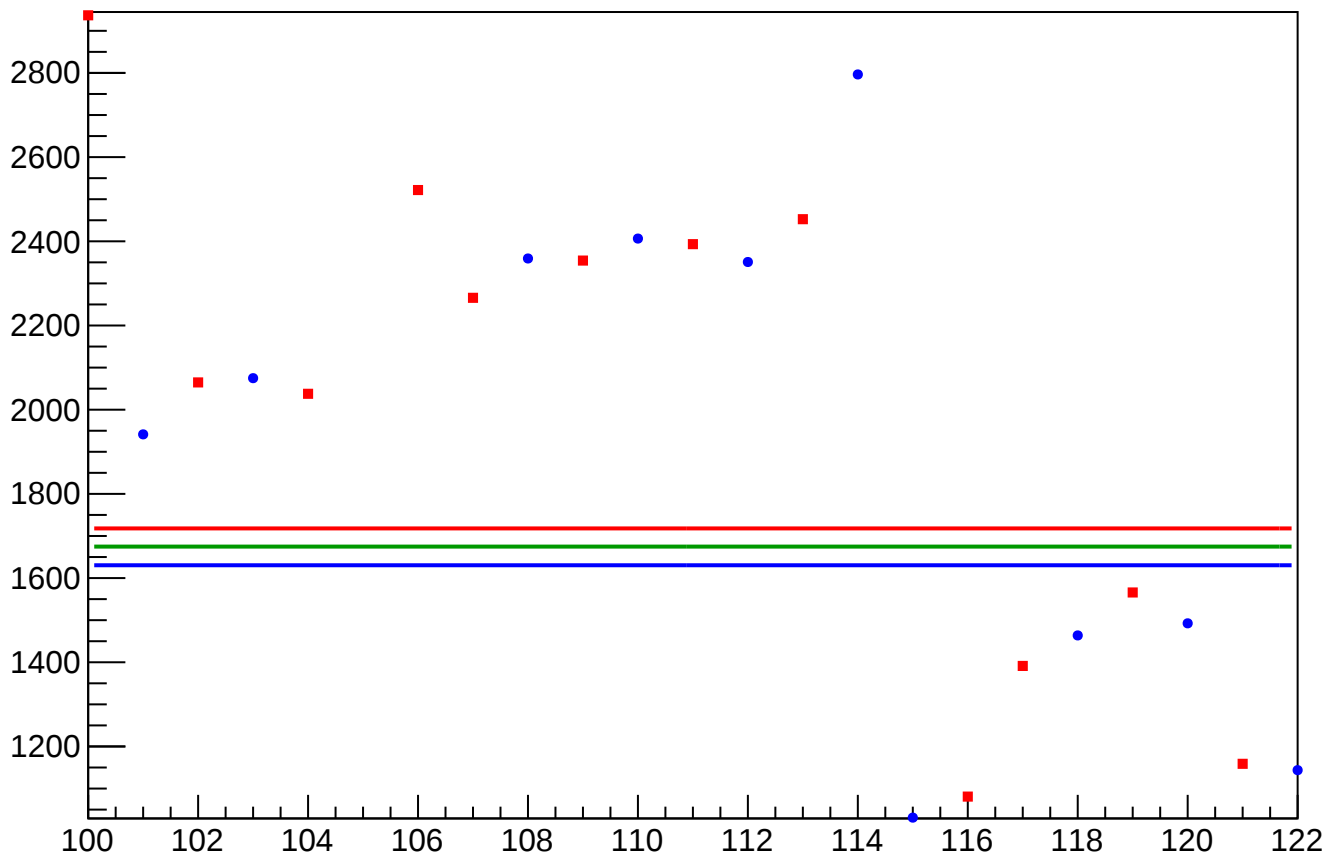
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-424.975+/-874.524 χ^2/NDF : 7.3/9

255.685+/-614.251 χ^2/NDF : 18.2/21

918.455+/-862.955 χ^2/NDF : 9.7/11

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1630.458+/-0.618 χ^2/NDF : 612848.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1717.961+/-0.610 χ^2/NDF : 770337.7/11

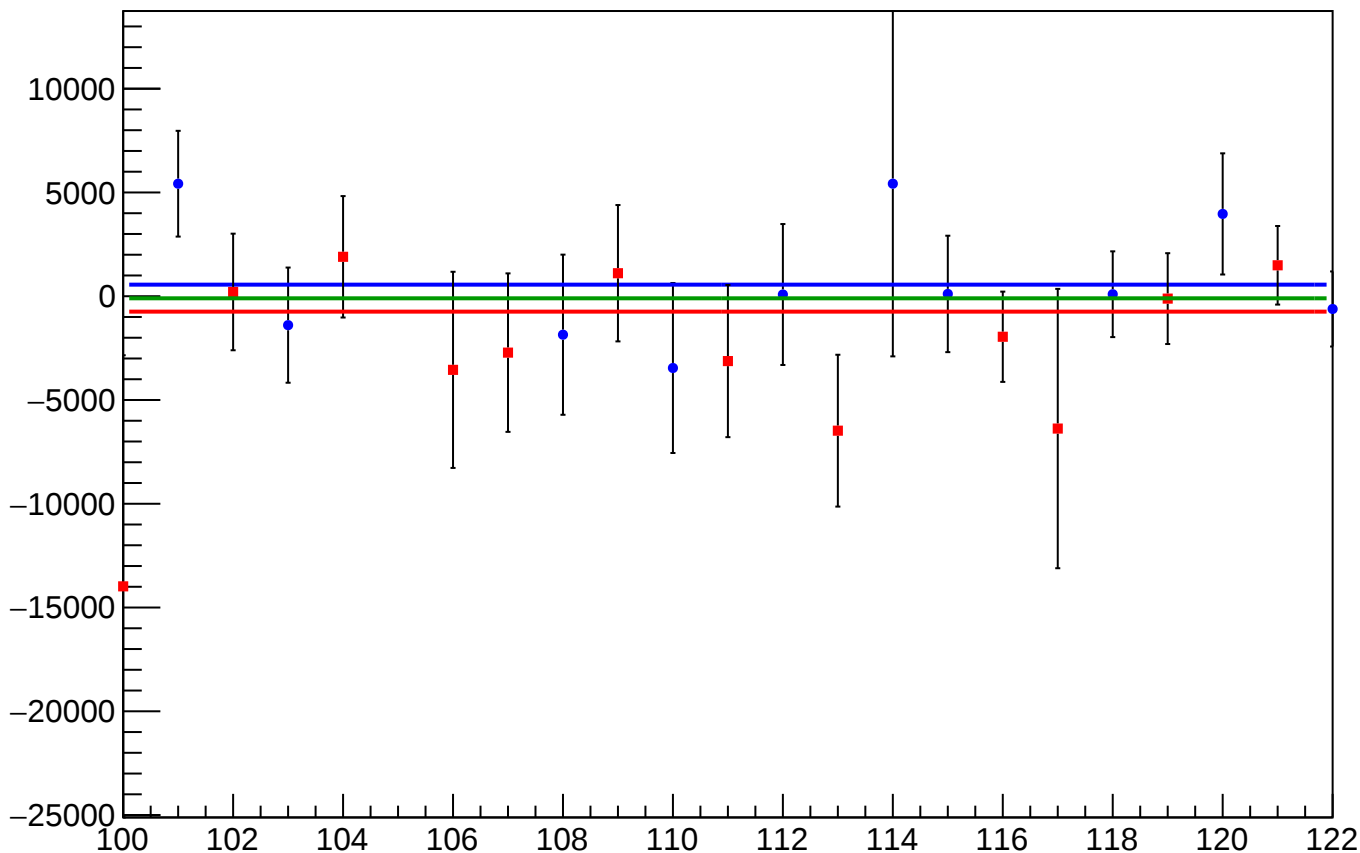
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1630.458+/-0.618 χ^2/NDF : 612848.0/9

1674.792+/-0.434 χ^2/NDF : 1393330.5/21

1717.961+/-0.610 χ^2/NDF : 770337.7/11

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 557.998 $\pm$ 878.421 χ^2 /NDF: 7.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -742.127 $\pm$ 867.762 χ^2 /NDF: 8.6/11

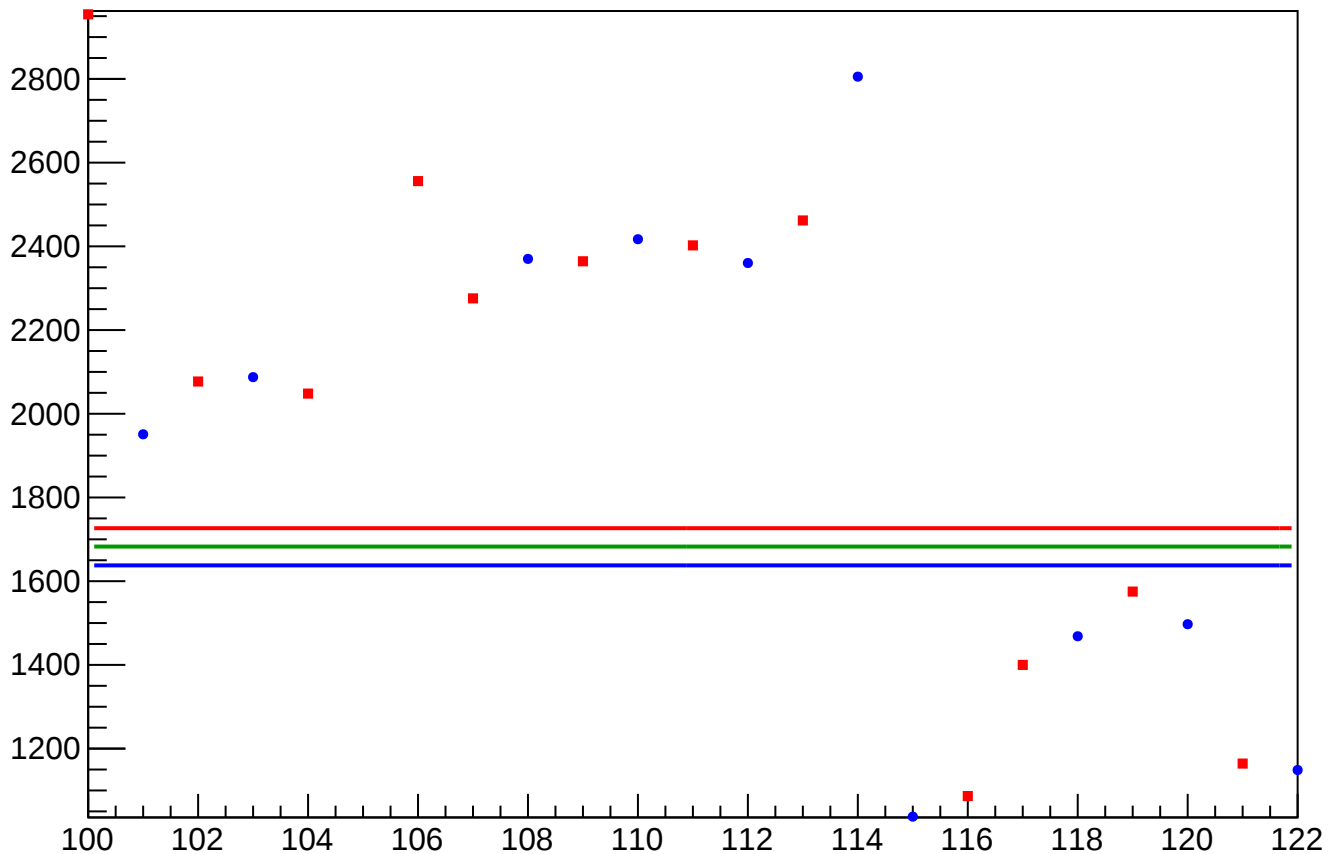
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

557.998 $\pm$ 878.421 χ^2 /NDF: 7.7/9

-100.000 $\pm$ 617.334 χ^2 /NDF: 17.5/21

-742.127 $\pm$ 867.762 χ^2 /NDF: 8.6/11

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1637.745+/-0.621 χ^2/NDF : 612835.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1726.596+/-0.614 χ^2/NDF : 770579.6/11

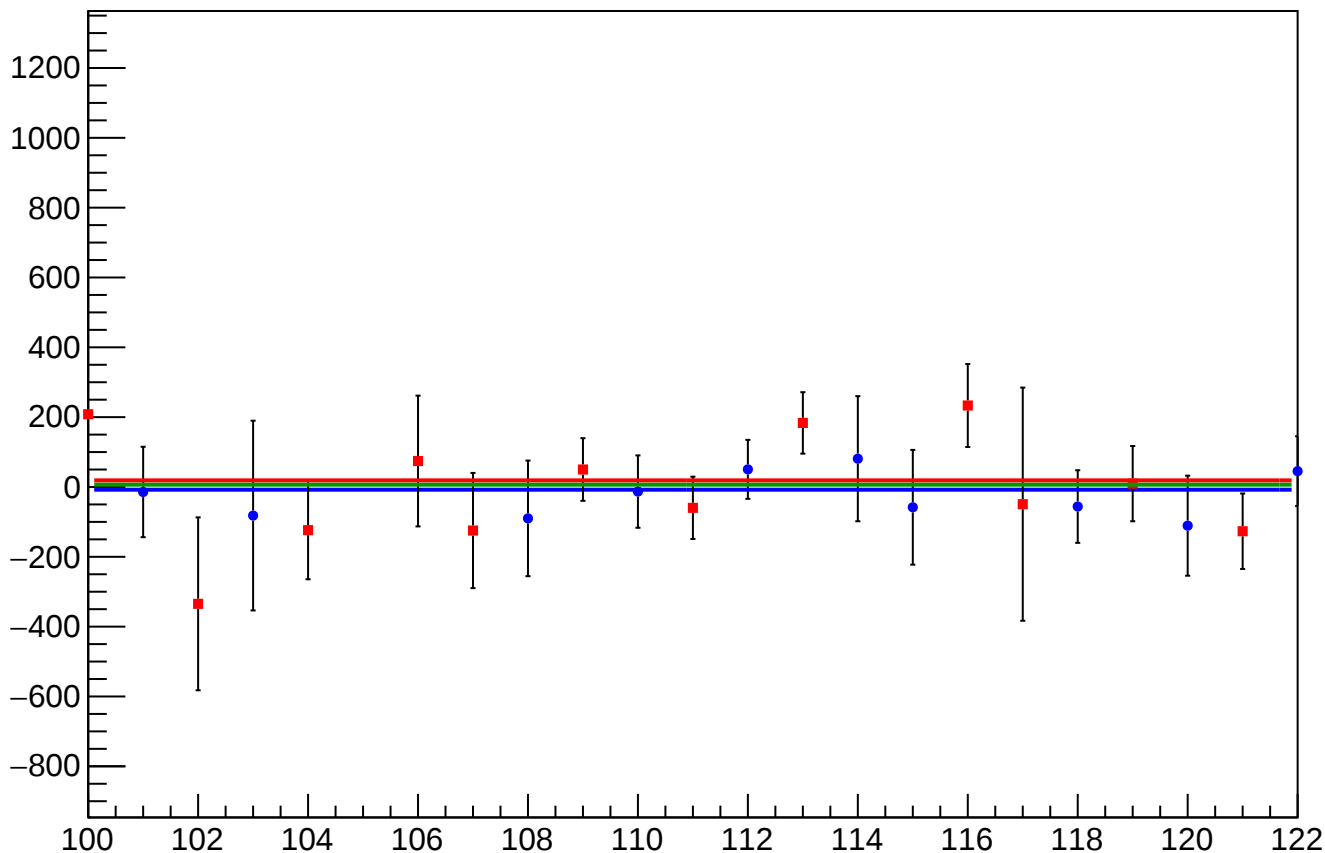
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1637.745+/-0.621 χ^2/NDF : 612835.2/9

1682.713+/-0.437 χ^2/NDF : 1393770.7/21

1726.596+/-0.614 χ^2/NDF : 770579.6/11

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -7.781+/-39.154 χ^2/NDF : 2.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.943+/-36.193 χ^2/NDF : 13.5/11

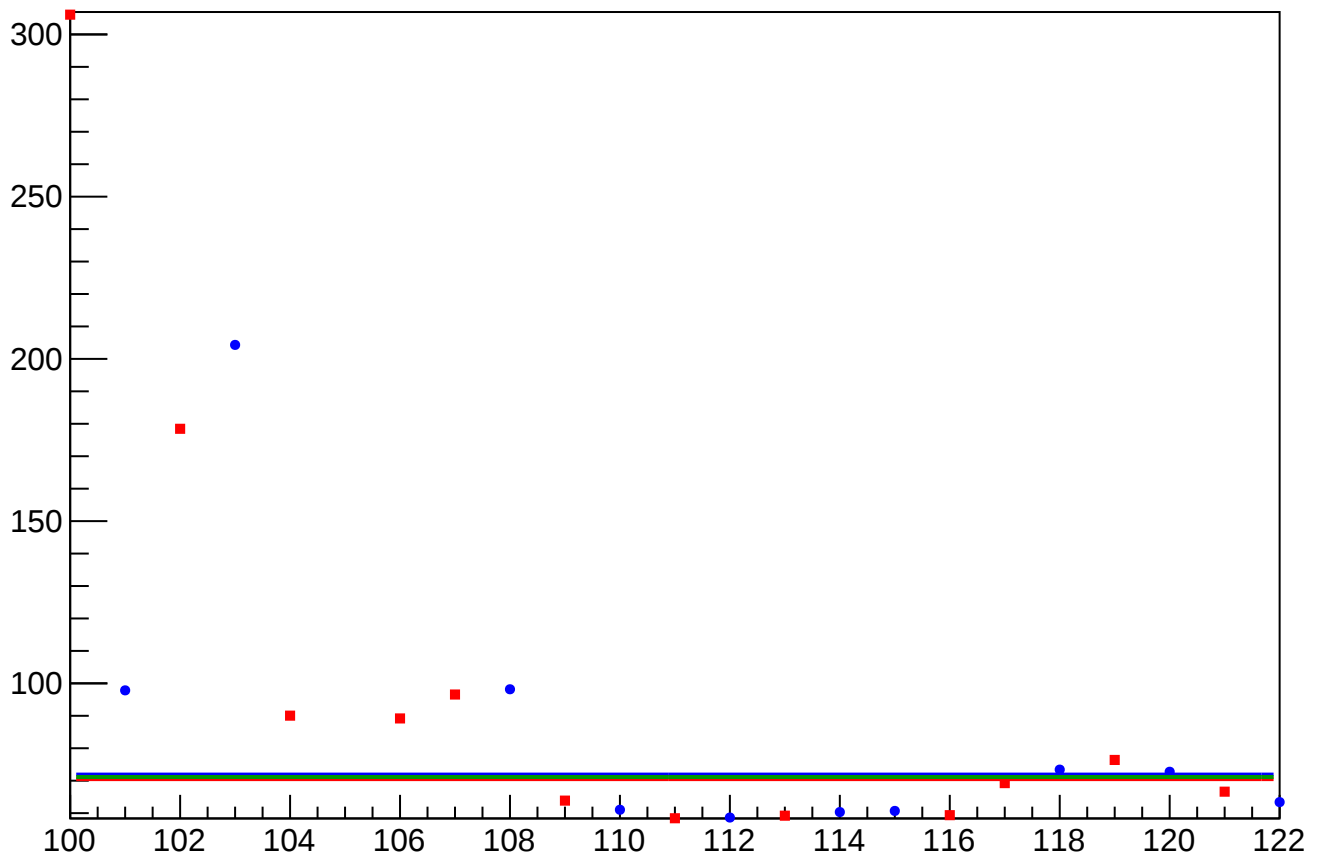
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-7.781+/-39.154 χ^2/NDF : 2.2/9

6.629+/-26.578 χ^2/NDF : 15.9/21

18.943+/-36.193 χ^2/NDF : 13.5/11

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 71.878+/-0.028 χ^2/NDF : 709422.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.489+/-0.026 χ^2/NDF : 678332.6/11

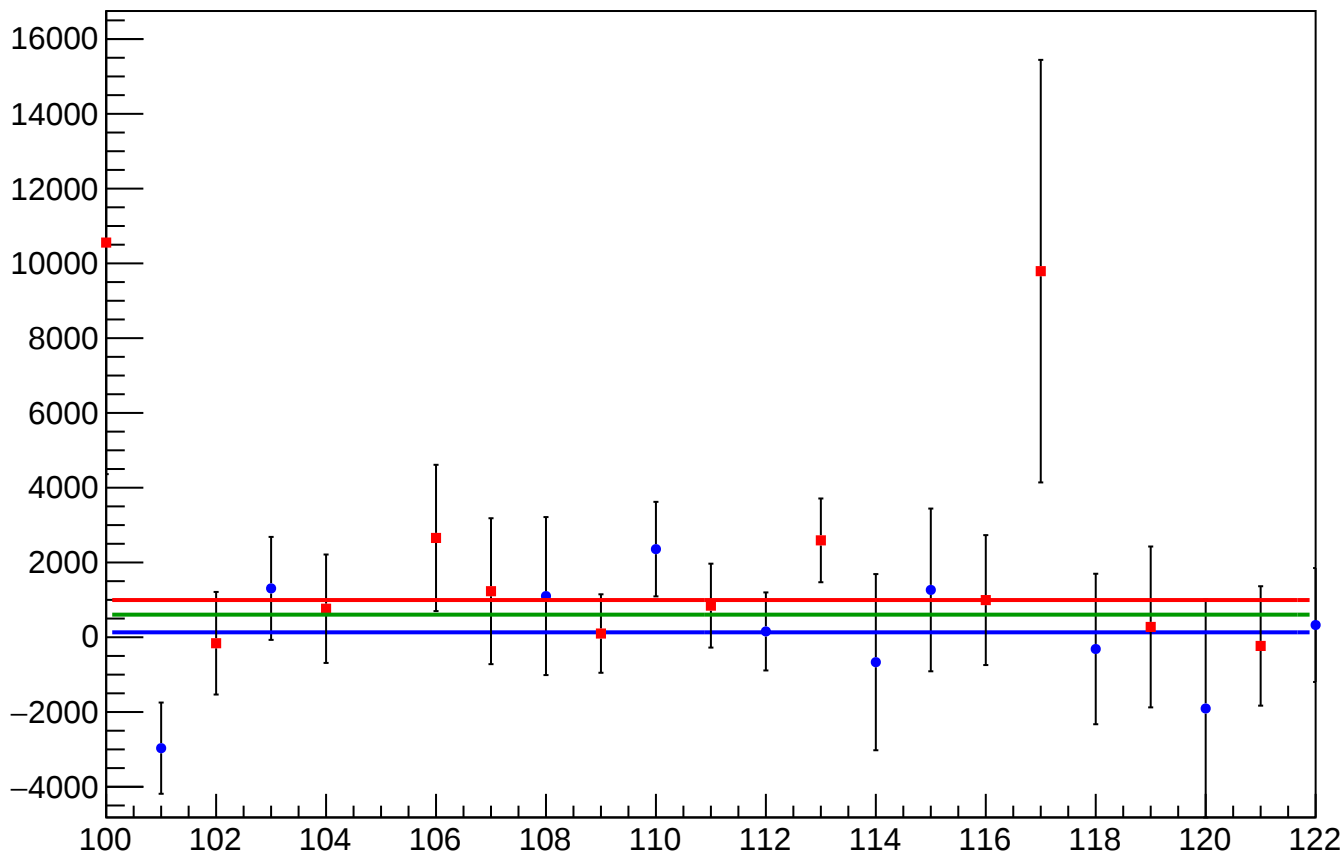
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

71.878+/-0.028 χ^2/NDF : 709422.0/9

71.129+/-0.019 χ^2/NDF : 1389113.1/21

70.489+/-0.026 χ^2/NDF : 678332.6/11

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: 131.628+/-490.686 χ^2 /NDF: 11.4/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 995.187+/-446.058 χ^2 /NDF: 9.8/11

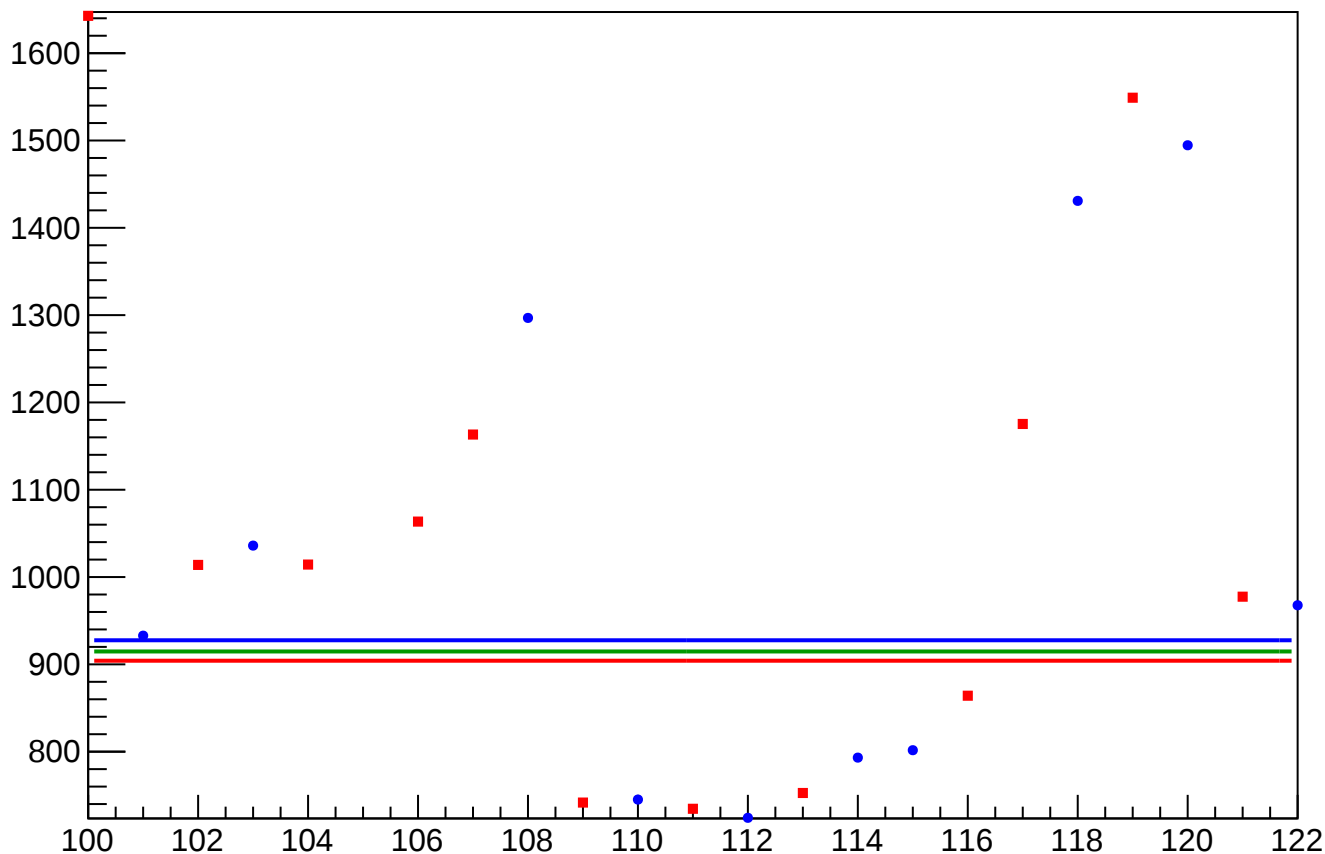
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

131.628+/-490.686 χ^2 /NDF: 11.4/9

604.456+/-330.063 χ^2 /NDF: 22.9/21

995.187+/-446.058 χ^2 /NDF: 9.8/11

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 927.588 $\pm$ 0.347 χ^2 /NDF: 406421.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 904.168 $\pm$ 0.315 χ^2 /NDF: 421011.9/11

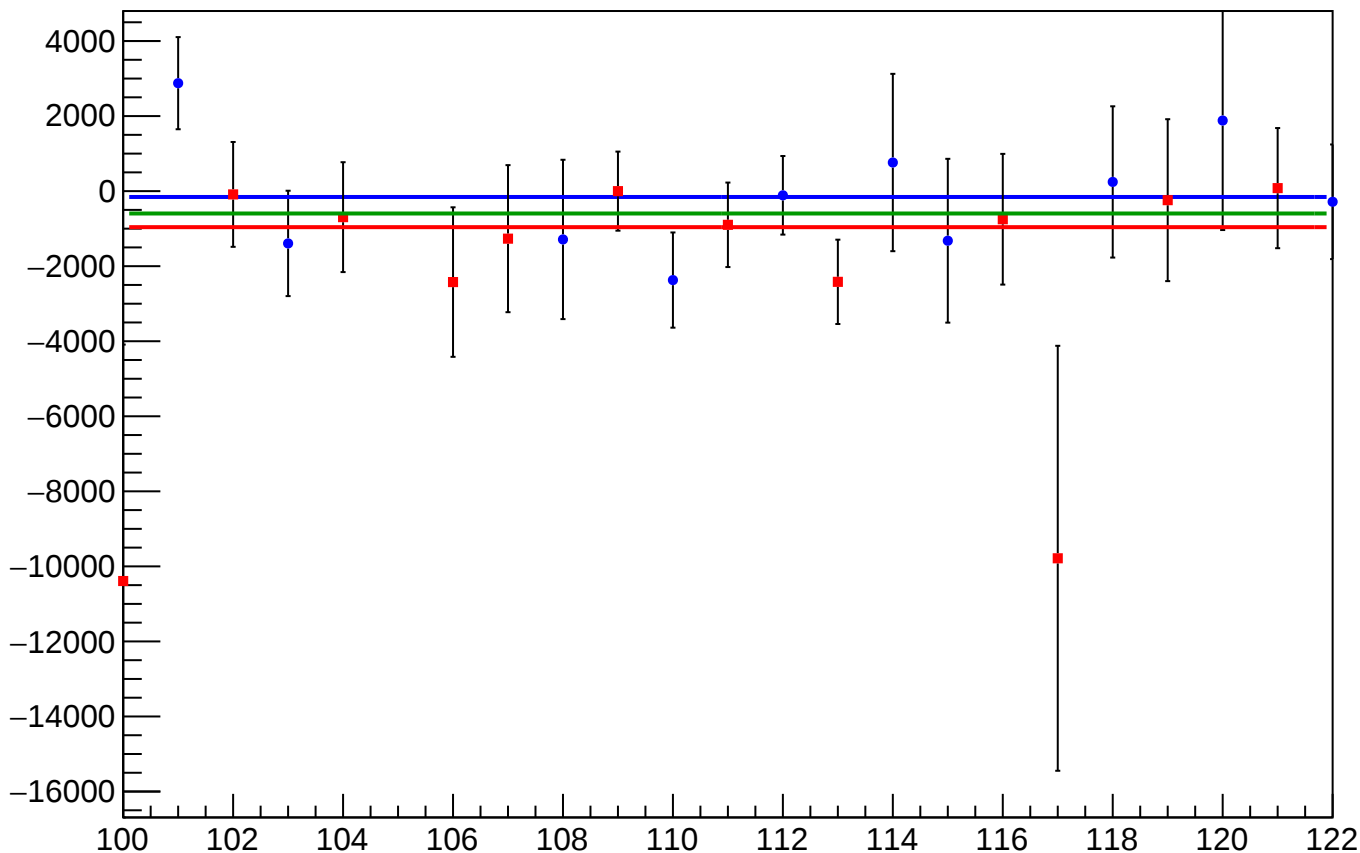
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

927.588 $\pm$ 0.347 χ^2 /NDF: 406421.6/9

914.765 $\pm$ 0.233 χ^2 /NDF: 829928.0/21

904.168 $\pm$ 0.315 χ^2 /NDF: 421011.9/11

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -155.775+/-493.422 χ^2 /NDF: 11.2/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -960.110+/-448.831 χ^2 /NDF: 8.7/11

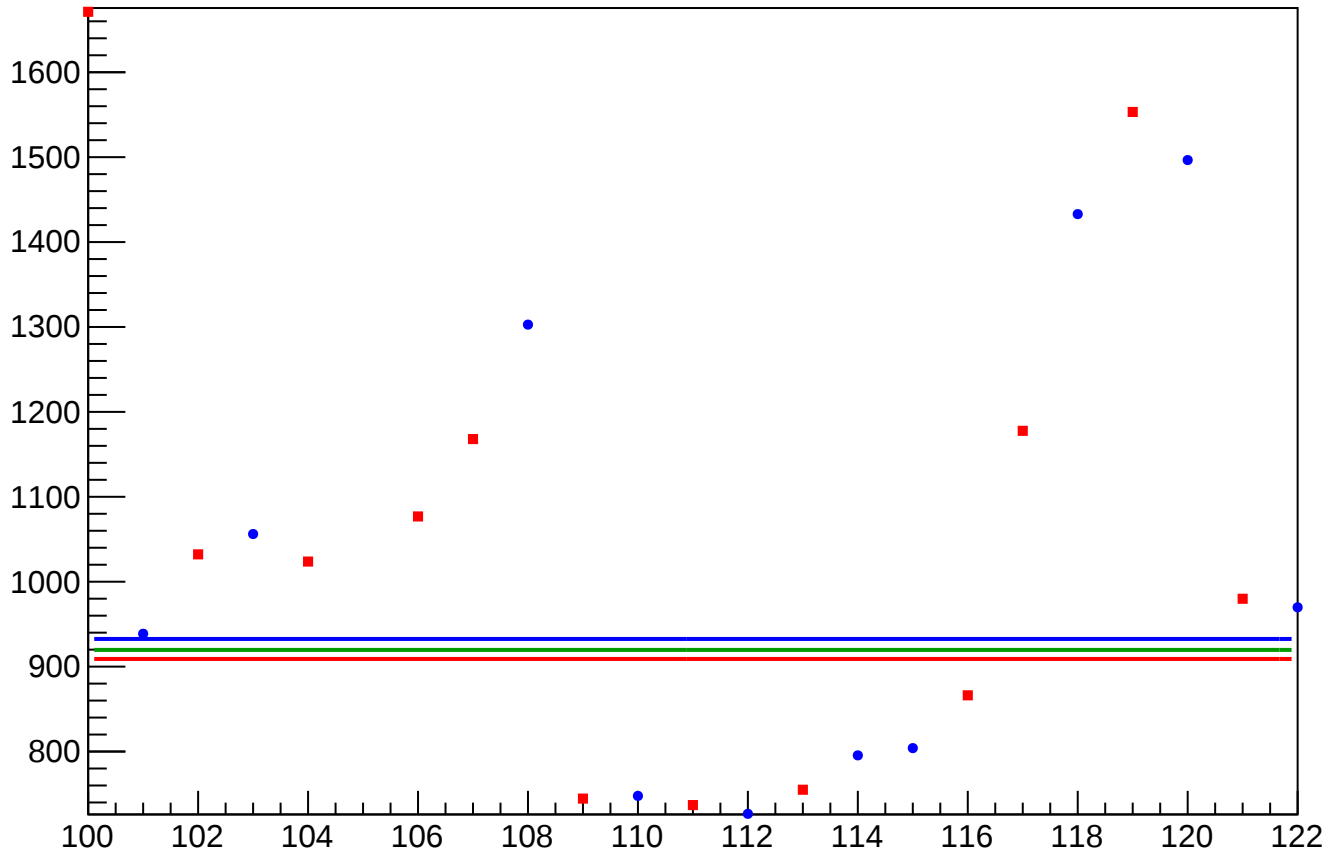
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-155.775+/-493.422 χ^2 /NDF: 11.2/9

-595.922+/-332.019 χ^2 /NDF: 21.4/21

-960.110+/-448.831 χ^2 /NDF: 8.7/11

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 932.594 $\pm$ 0.349 χ^2 /NDF: 409009.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 909.024 $\pm$ 0.317 χ^2 /NDF: 427191.2/11

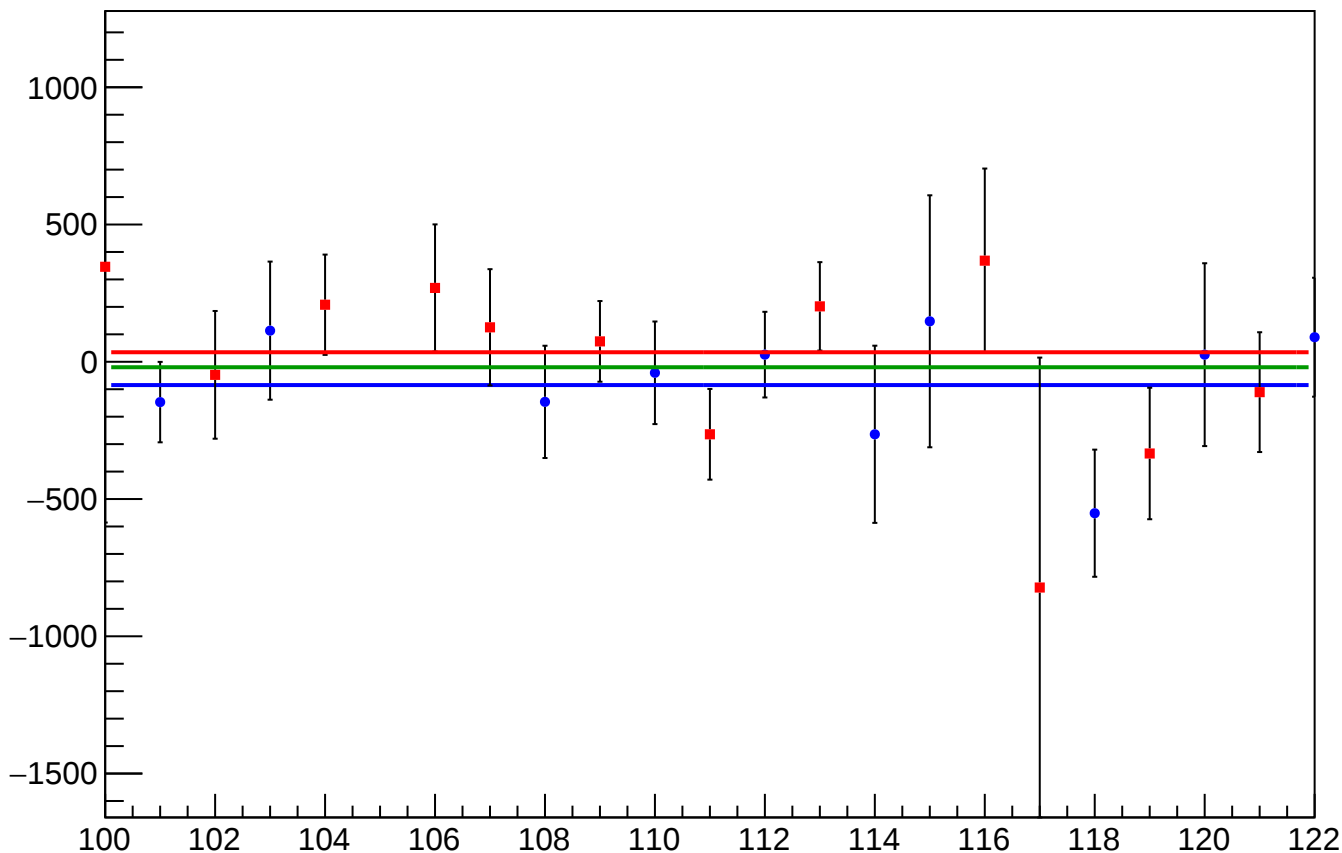
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

932.594 $\pm$ 0.349 χ^2 /NDF: 409009.1/9

919.696 $\pm$ 0.235 χ^2 /NDF: 838697.7/21

909.024 $\pm$ 0.317 χ^2 /NDF: 427191.2/11

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -84.849 ± 67.522 χ^2/NDF : 6.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 34.724 ± 61.928 χ^2/NDF : 11.6/11

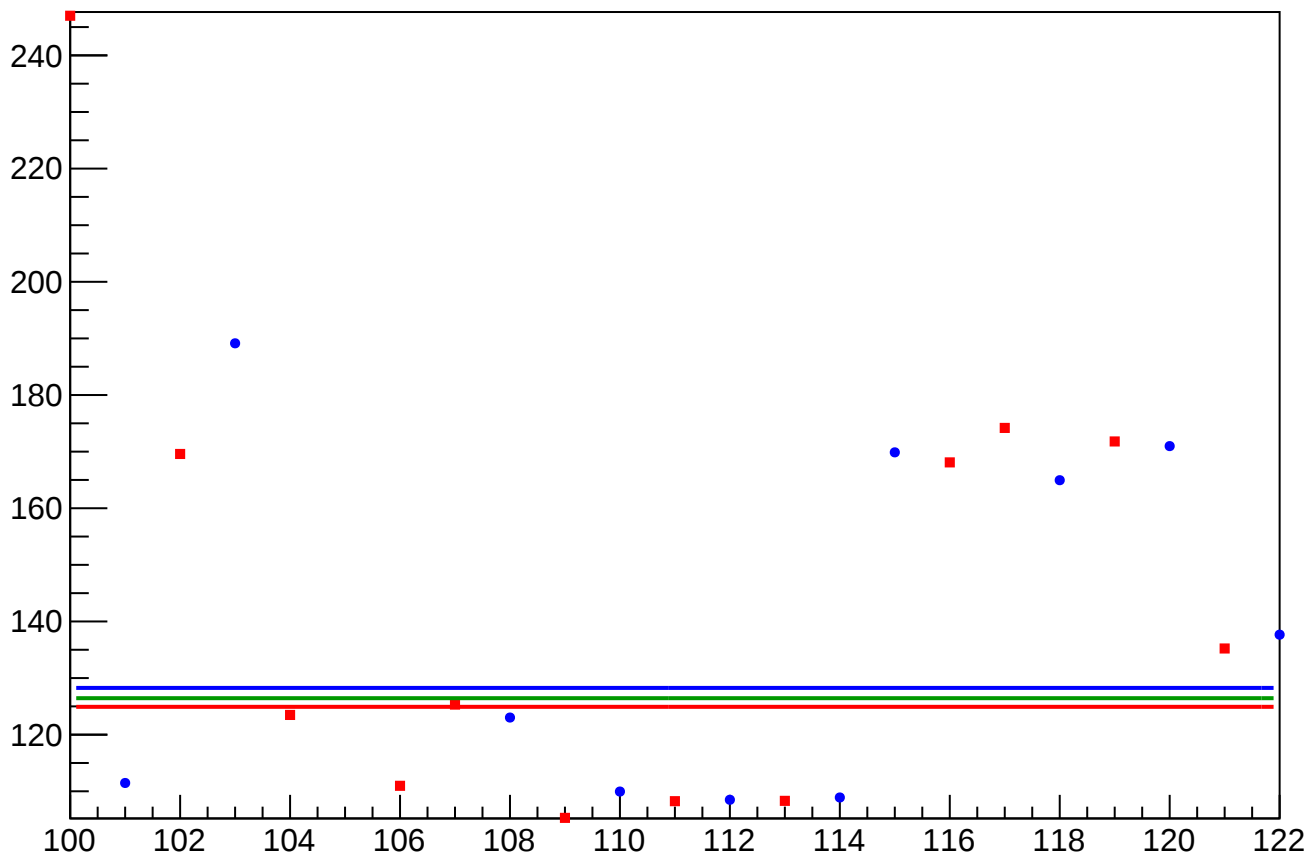
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-84.849 ± 67.522 χ^2/NDF : 6.8/9

-19.904 ± 45.639 χ^2/NDF : 20.2/21

34.724 ± 61.928 χ^2/NDF : 11.6/11

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 128.262 $\pm$ 0.048 χ^2 /NDF: 306516.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 124.919 $\pm$ 0.044 χ^2 /NDF: 313820.3/11

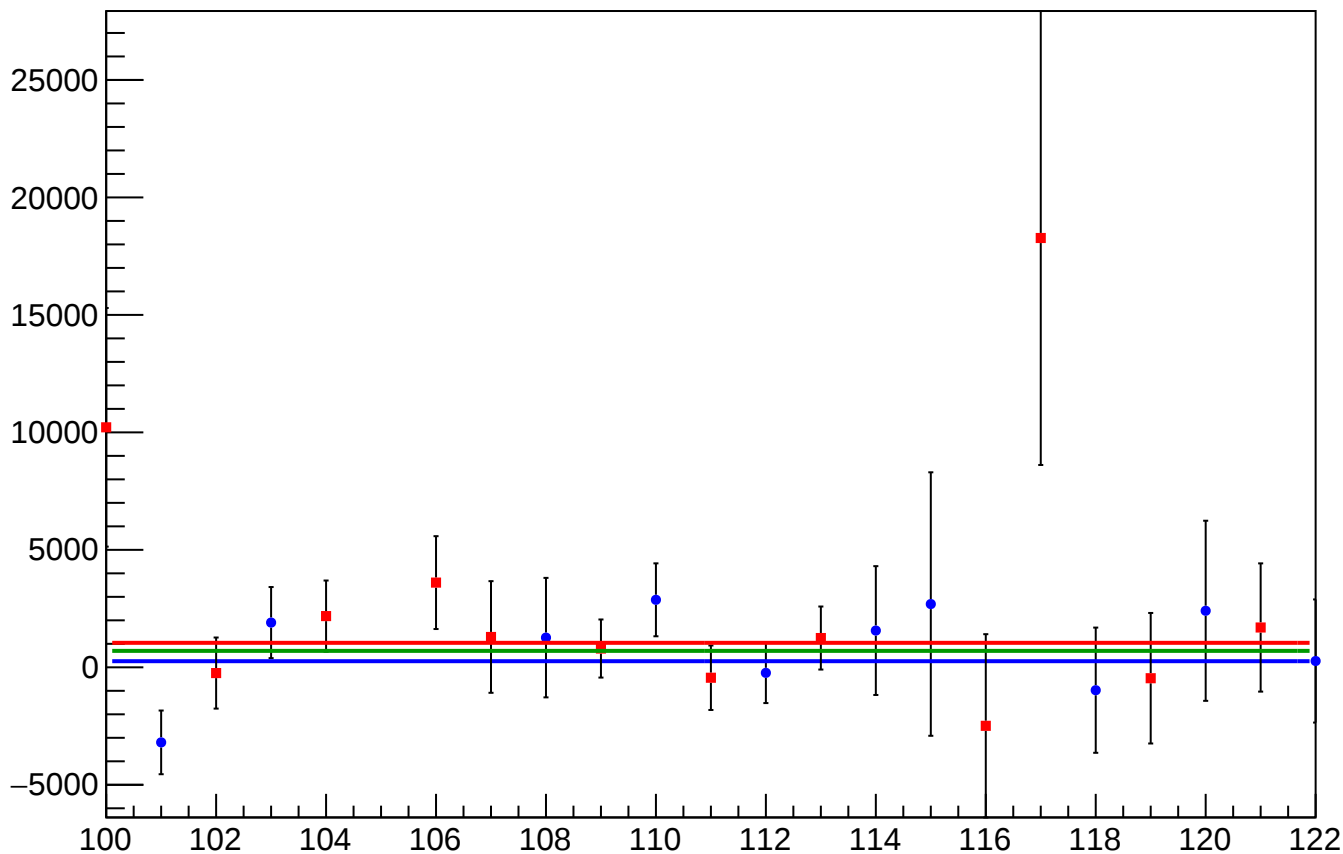
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

128.262 $\pm$ 0.048 χ^2 /NDF: 306516.8/9

126.447 $\pm$ 0.032 χ^2 /NDF: 622999.4/21

124.919 $\pm$ 0.044 χ^2 /NDF: 313820.3/11

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: 260.970+/-611.332 χ^2/NDF : 11.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1042.872+/-540.177 χ^2/NDF : 11.8/11

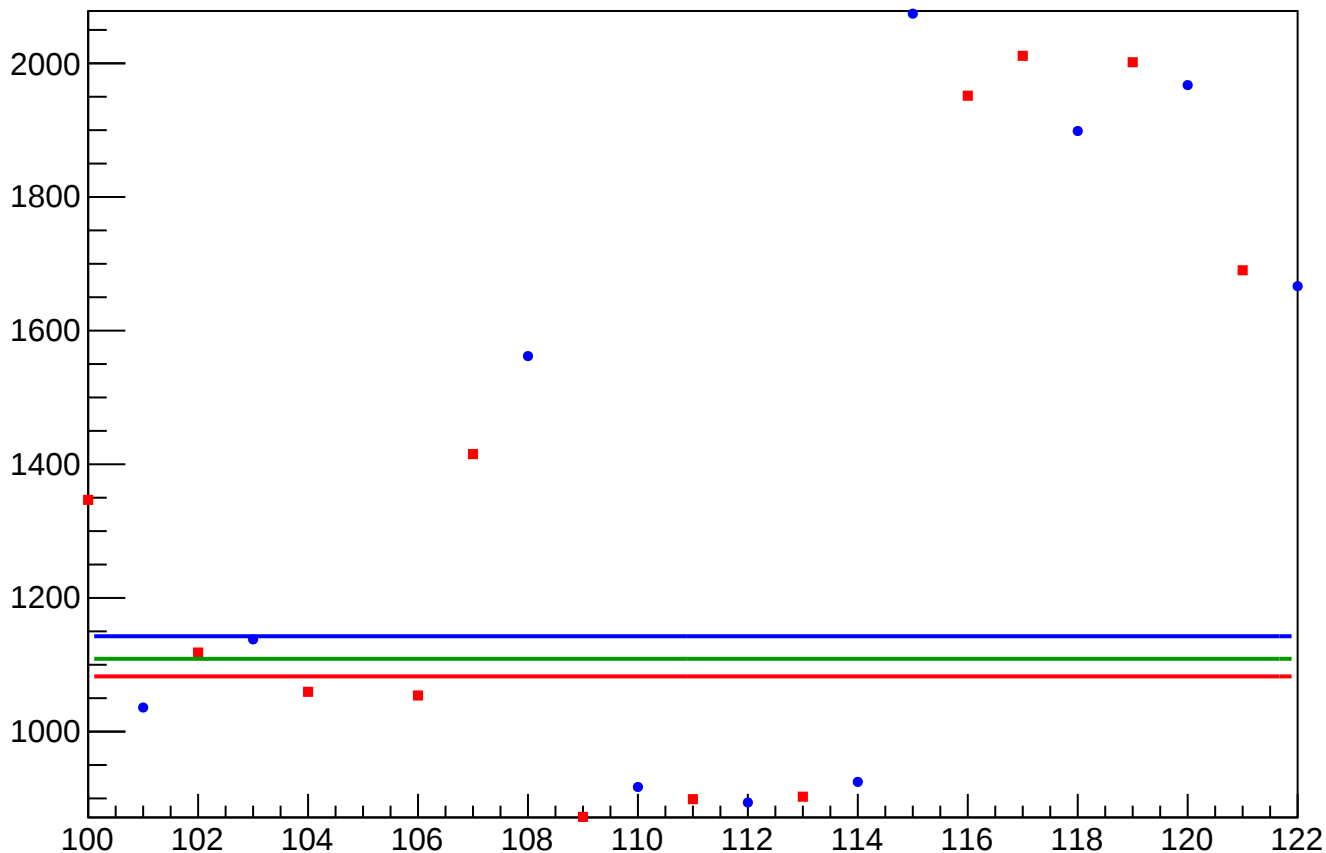
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

260.970+/-611.332 χ^2/NDF : 11.8/9

700.053+/-404.793 χ^2/NDF : 24.5/21

1042.872+/-540.177 χ^2/NDF : 11.8/11

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1142.685 $\pm$ 0.432 χ^2 /NDF: 585302.1/9

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

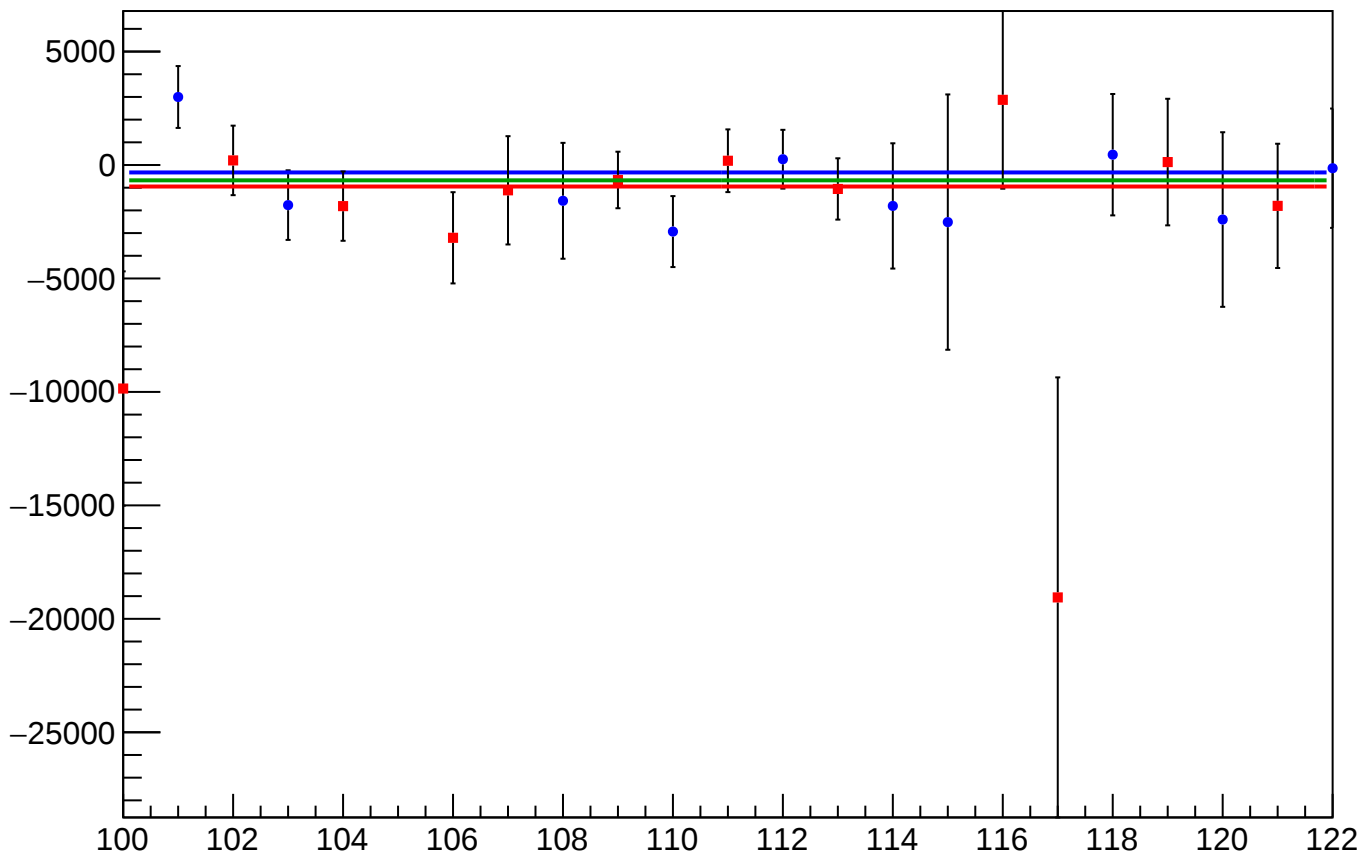
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1142.685 $\pm$ 0.432 χ^2 /NDF: 585302.1/9

1108.936 $\pm$ 0.286 χ^2 /NDF: 1208305.6/21

1082.586 $\pm$ 0.382 χ^2 /NDF: 612149.1/11

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -327.327+/-615.870 χ^2 /NDF: 10.9/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -947.550+/-544.847 χ^2 /NDF: 10.5/11

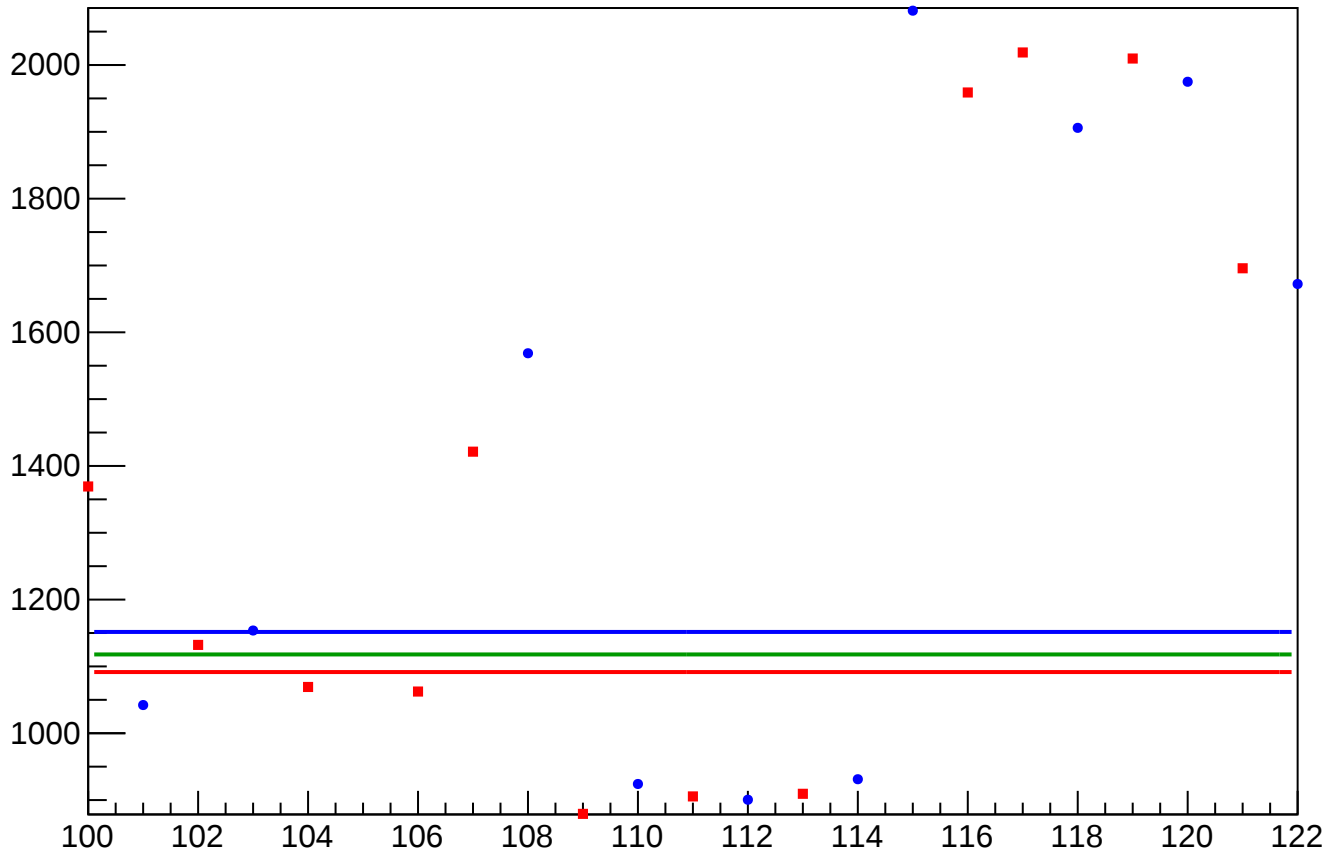
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-327.327+/-615.870 χ^2 /NDF: 10.9/9

-675.248+/-408.076 χ^2 /NDF: 22.0/21

-947.550+/-544.847 χ^2 /NDF: 10.5/11

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1151.596 $\pm$ 0.435 χ^2 /NDF: 580203.1/9

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

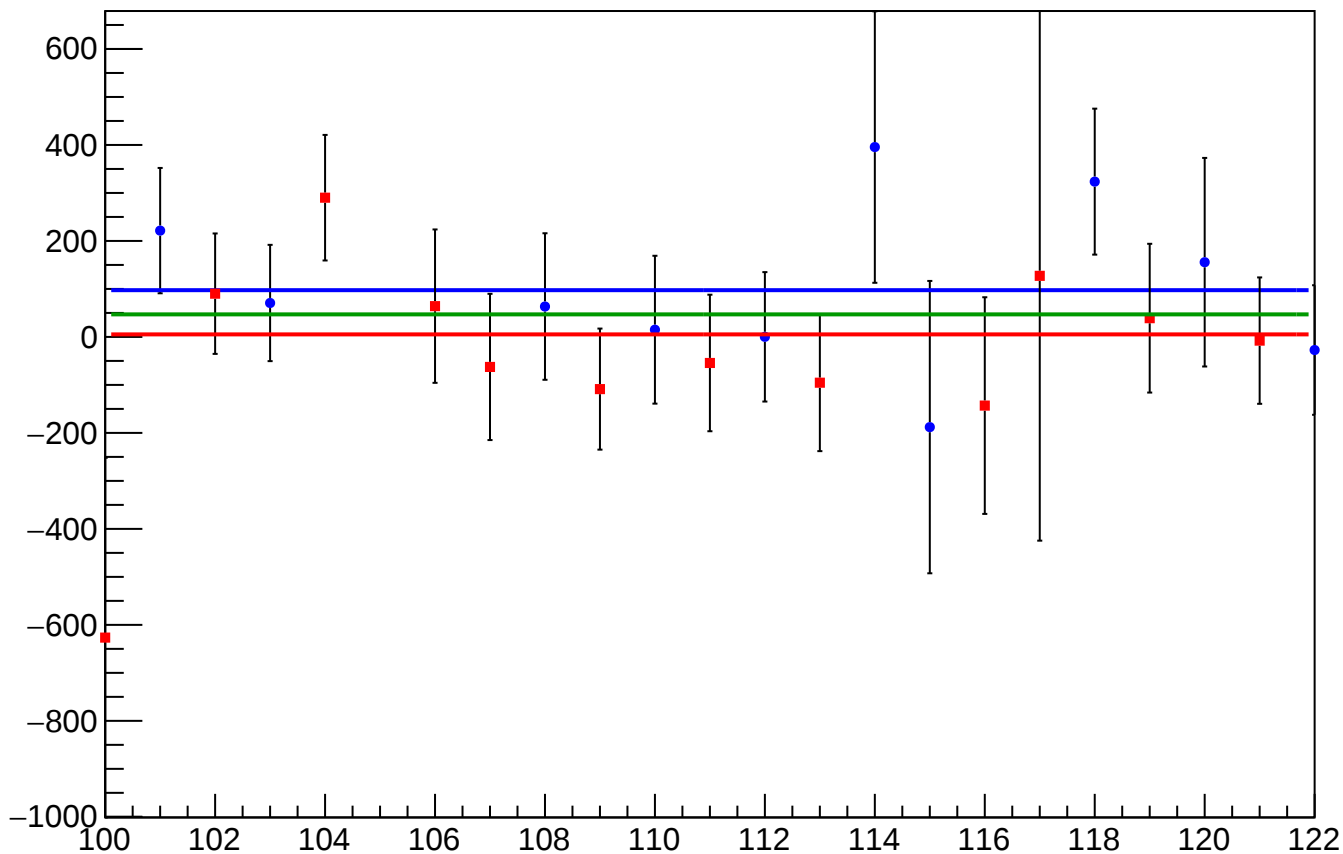
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1151.596 $\pm$ 0.435 χ^2 /NDF: 580203.1/9

1117.922 $\pm$ 0.289 χ^2 /NDF: 1198352.9/21

1091.567 $\pm$ 0.385 χ^2 /NDF: 607490.8/11

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 97.406+/-49.422 χ^2/NDF : 6.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.275+/-44.948 χ^2/NDF : 10.4/11

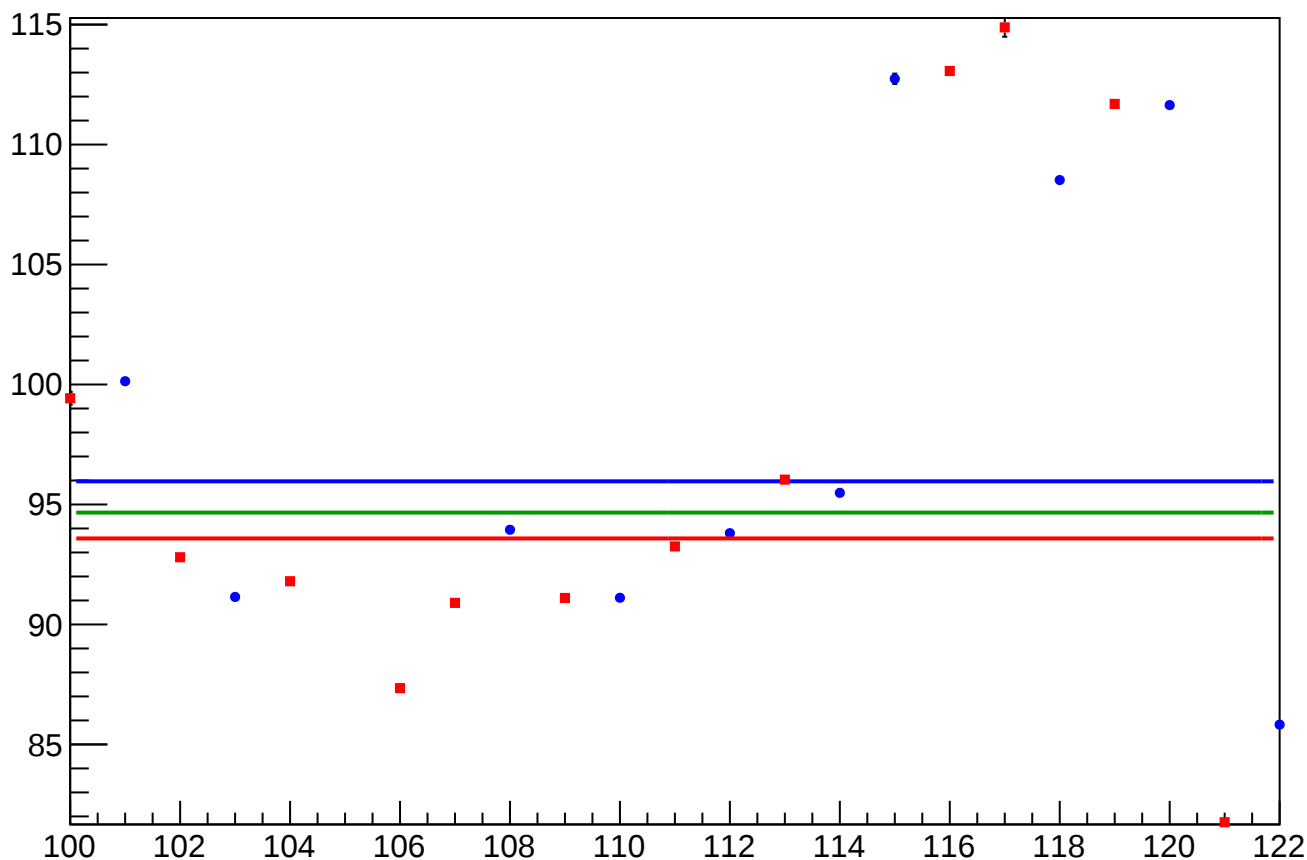
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

97.406+/-49.422 χ^2/NDF : 6.9/9

46.982+/-33.252 χ^2/NDF : 19.2/21

5.275+/-44.948 χ^2/NDF : 10.4/11

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 95.965+/-0.035 χ^2/NDF : 49457.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.585+/-0.032 χ^2/NDF : 67292.5/11

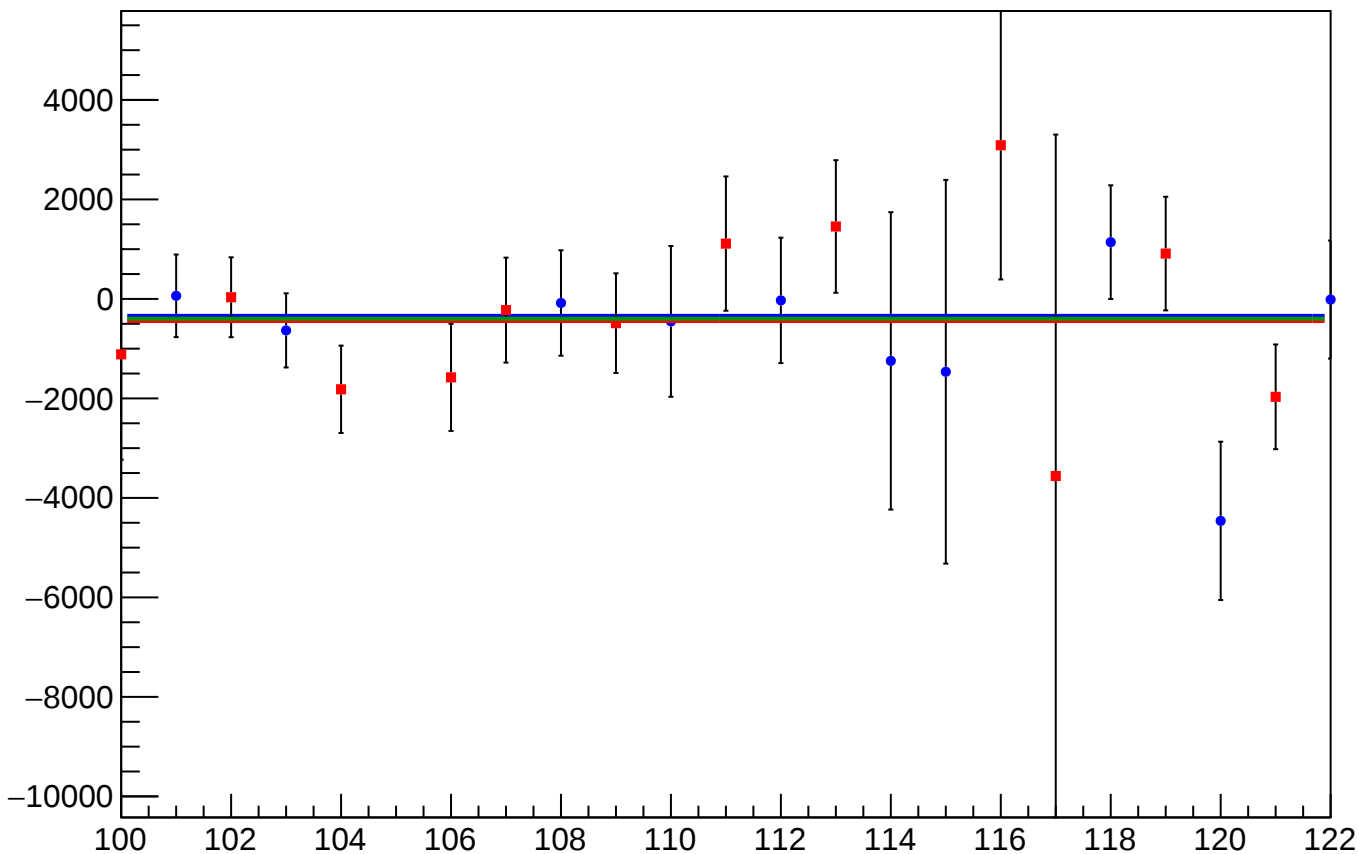
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

95.965+/-0.035 χ^2/NDF : 49457.1/9

94.662+/-0.024 χ^2/NDF : 119288.1/21

93.585+/-0.032 χ^2/NDF : 67292.5/11

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -340.883+/-371.275 χ^2/NDF : 9.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -444.709+/-337.724 χ^2/NDF : 12.8/11

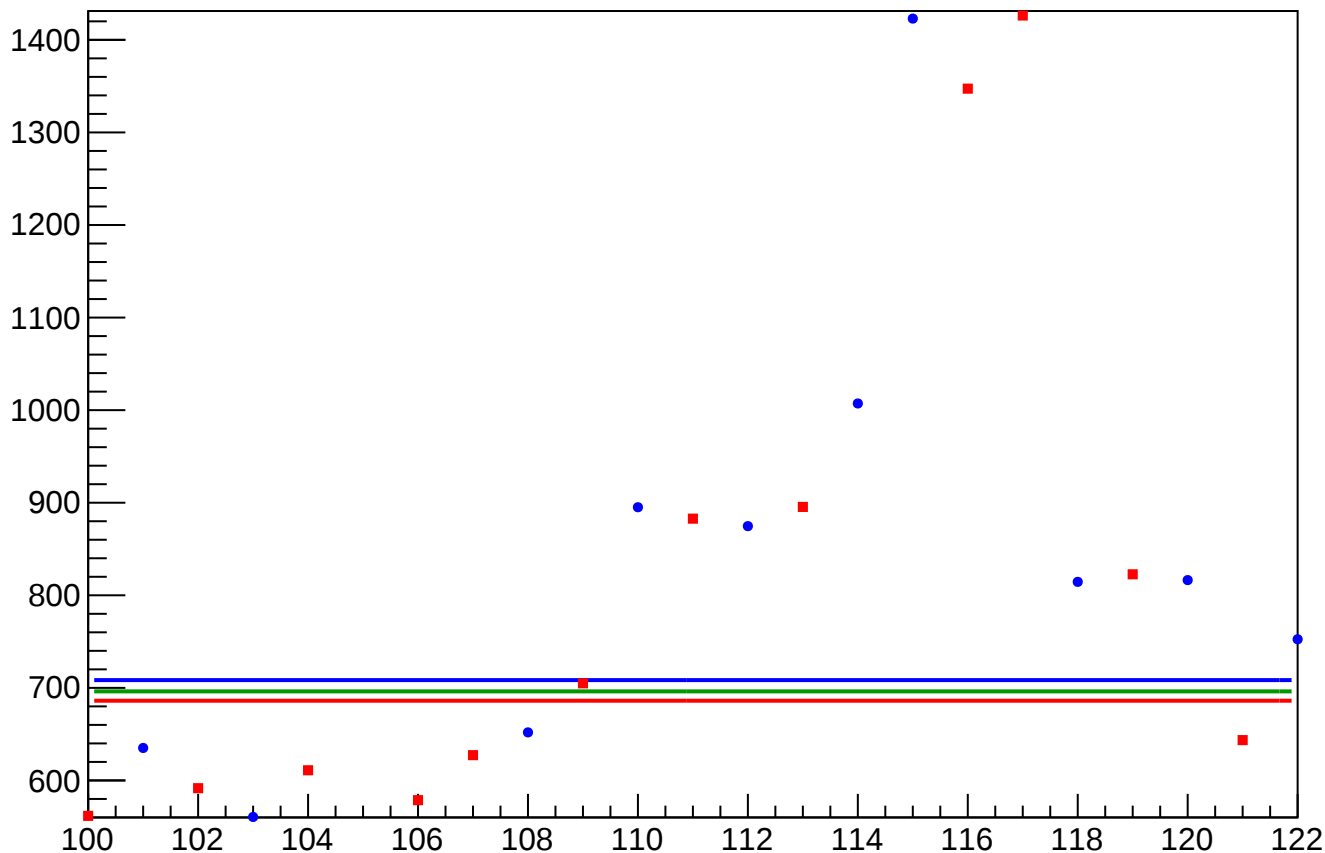
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-340.883+/-371.275 χ^2/NDF : 9.2/9

-397.698+/-249.828 χ^2/NDF : 22.0/21

-444.709+/-337.724 χ^2/NDF : 12.8/11

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 708.383+/-0.263 χ^2/NDF : 283003.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 686.139+/-0.239 χ^2/NDF : 343073.8/11

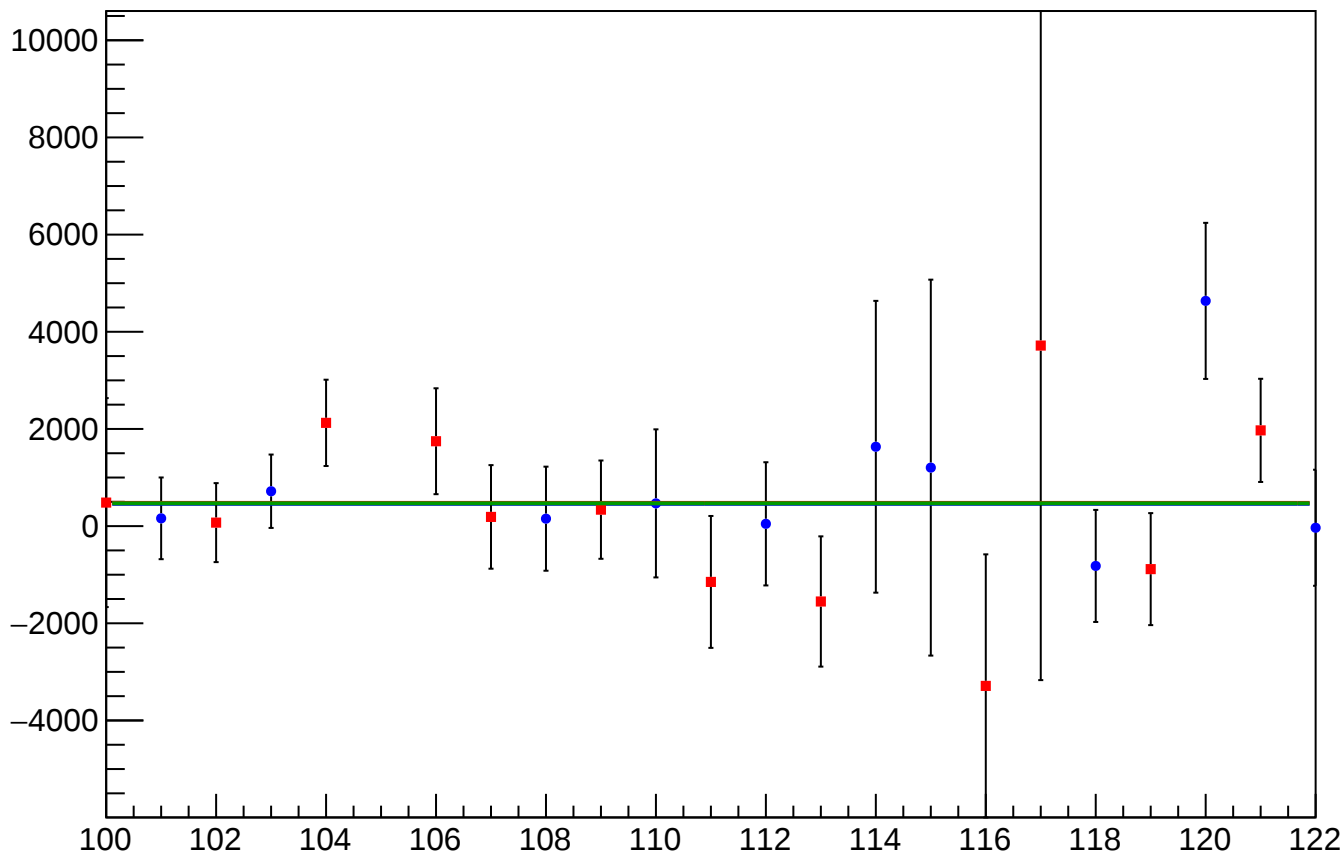
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

708.383+/-0.263 χ^2/NDF : 283003.0/9

696.211+/-0.177 χ^2/NDF : 630005.1/21

686.139+/-0.239 χ^2/NDF : 343073.8/11

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 459.653+/-375.009 χ^2/NDF : 8.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 477.385+/-341.137 χ^2/NDF : 14.4/11

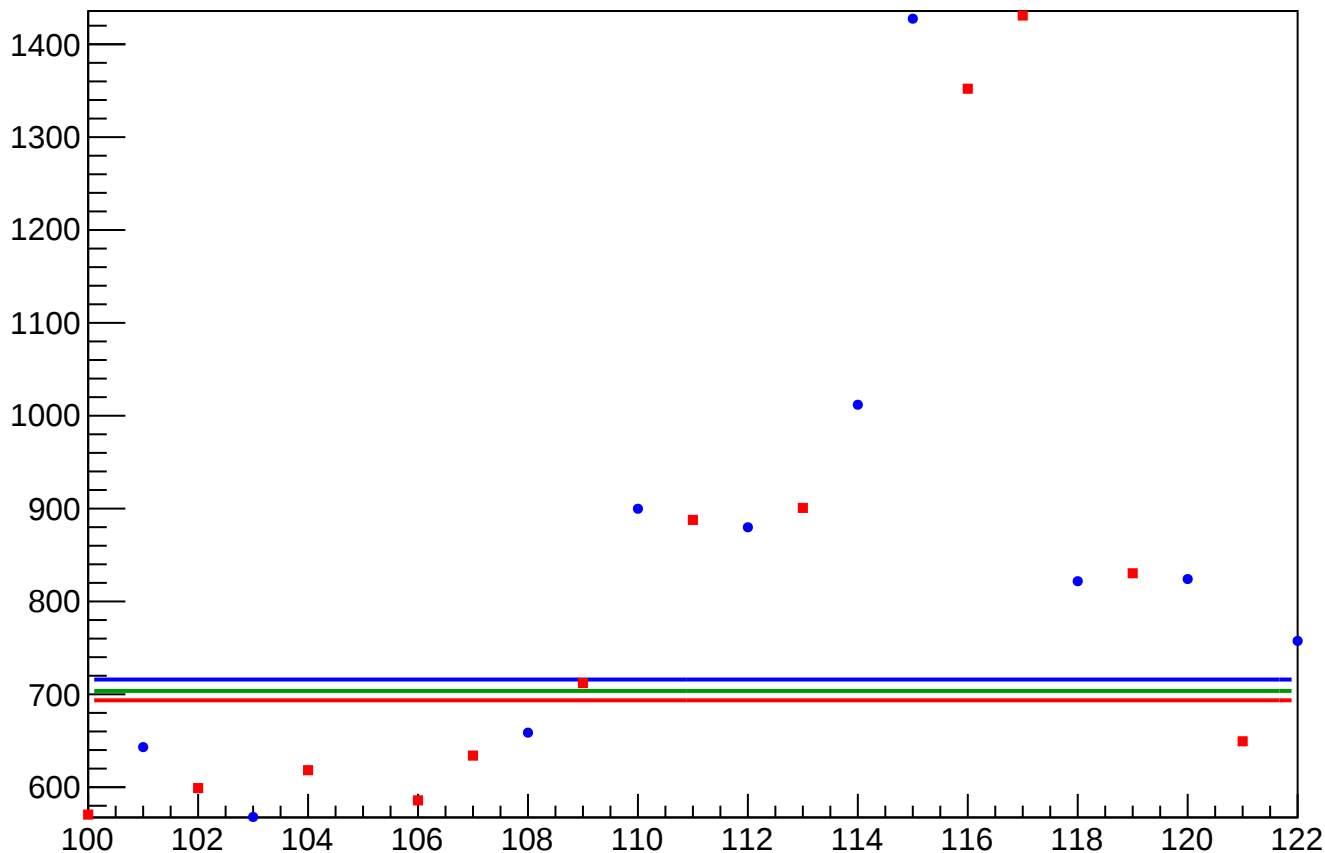
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

459.653+/-375.009 χ^2/NDF : 8.8/9

469.356+/-252.347 χ^2/NDF : 23.2/21

477.385+/-341.137 χ^2/NDF : 14.4/11

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 715.919+/-0.265 χ^2/NDF : 275514.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 693.538+/-0.241 χ^2/NDF : 336030.9/11

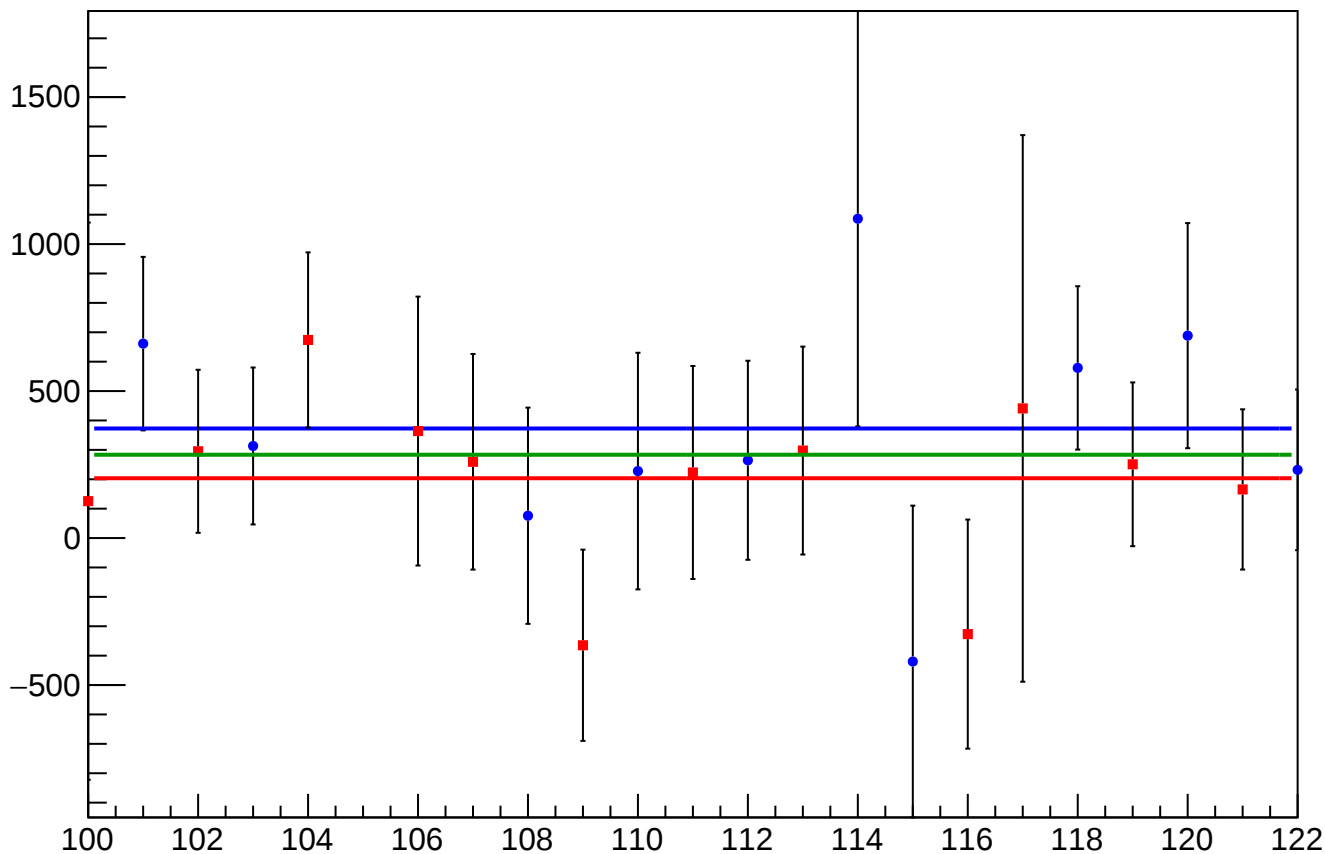
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

715.919+/-0.265 χ^2/NDF : 275514.6/9

703.672+/-0.178 χ^2/NDF : 615443.7/21

693.538+/-0.241 χ^2/NDF : 336030.9/11

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 372.721 $\pm$ 107.506 χ^2 /NDF: 6.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 203.496 $\pm$ 101.658 χ^2 /NDF: 7.8/11

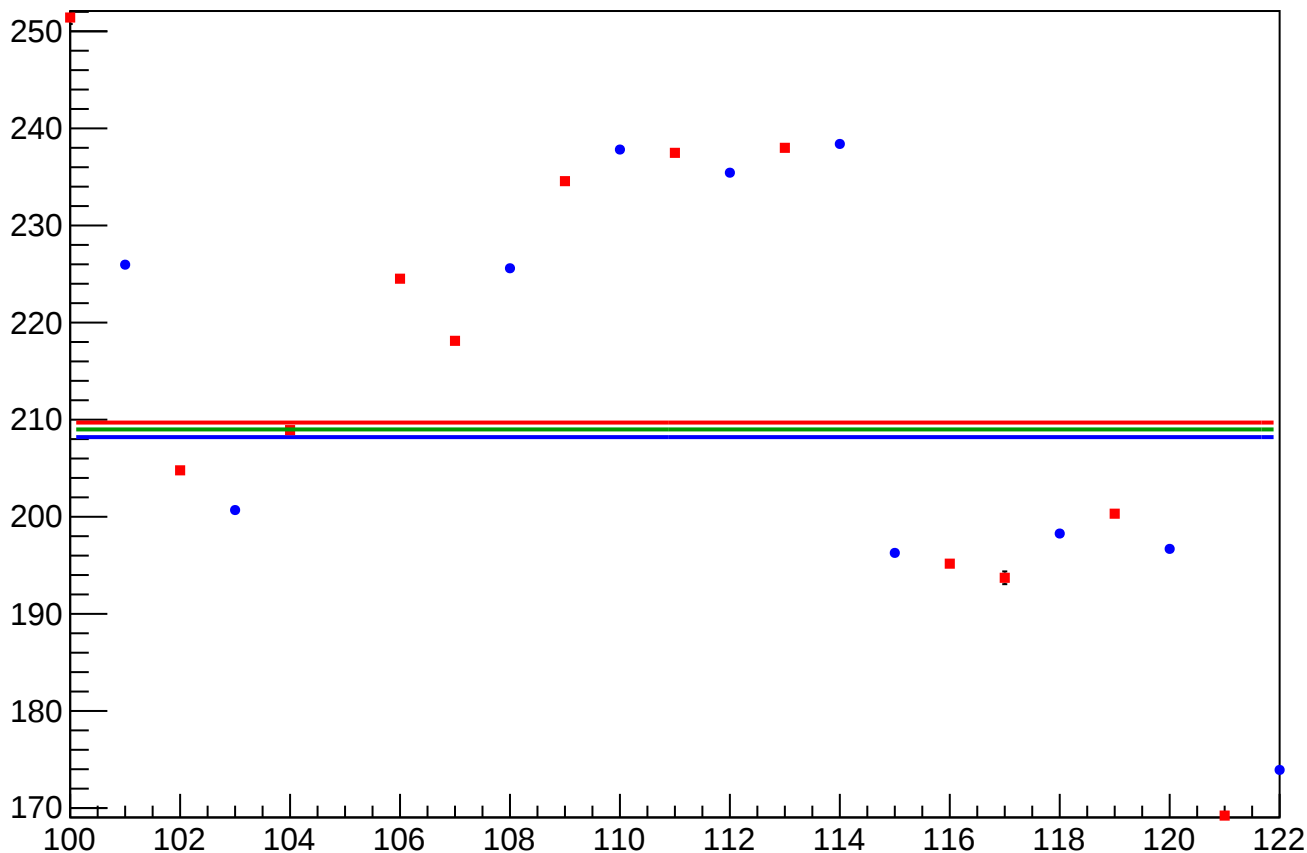
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

372.721 $\pm$ 107.506 χ^2 /NDF: 6.6/9

283.381 $\pm$ 73.864 χ^2 /NDF: 15.8/21

203.496 $\pm$ 101.658 χ^2 /NDF: 7.8/11

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 208.204+/-0.076 χ^2/NDF : 77547.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 209.703+/-0.072 χ^2/NDF : 93677.5/11

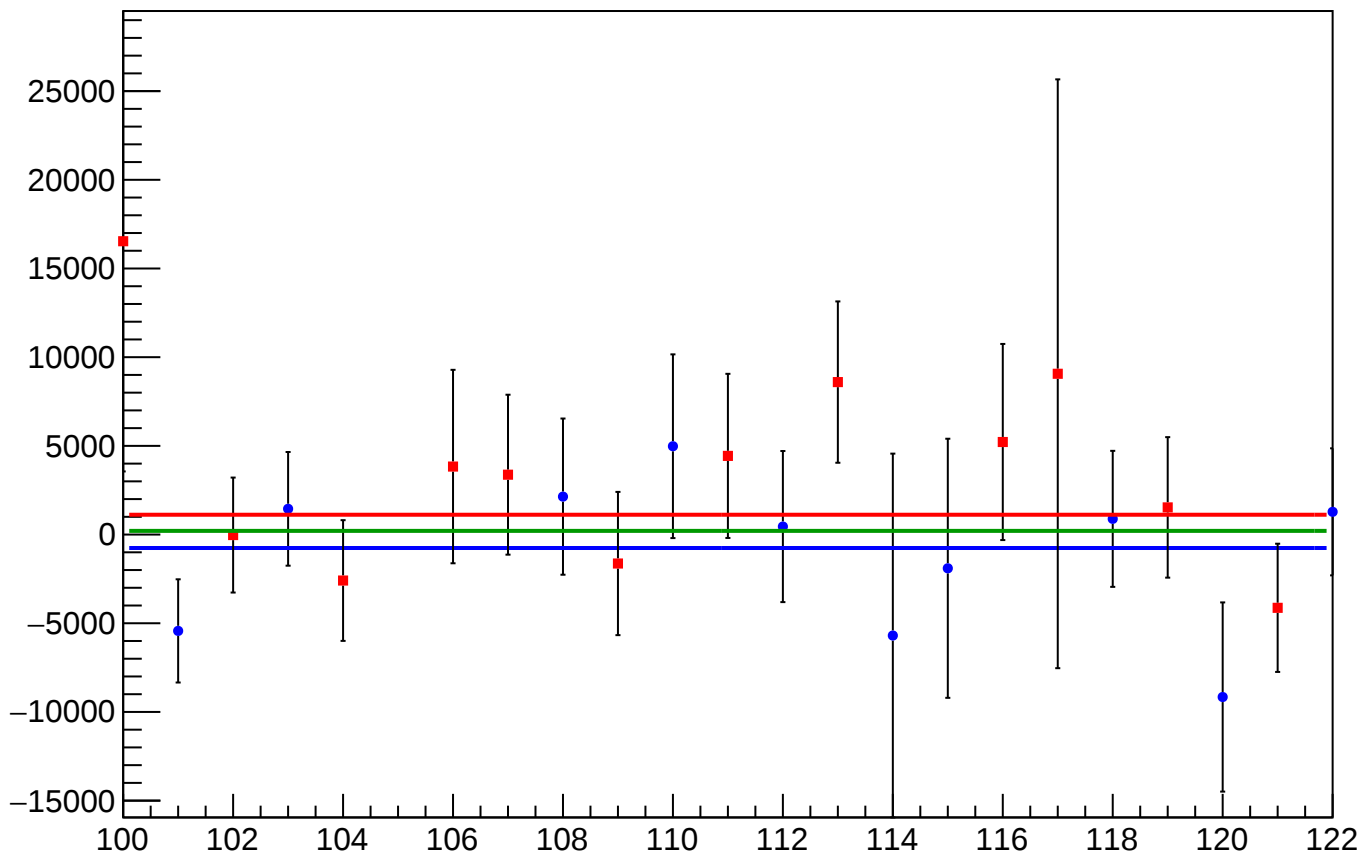
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

208.204+/-0.076 χ^2/NDF : 77547.5/9

208.995+/-0.052 χ^2/NDF : 171430.4/21

209.703+/-0.072 χ^2/NDF : 93677.5/11

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -757.690+/-1325.819 χ^2/NDF : 8.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1117.840+/-1287.348 χ^2/NDF : 9.8/11

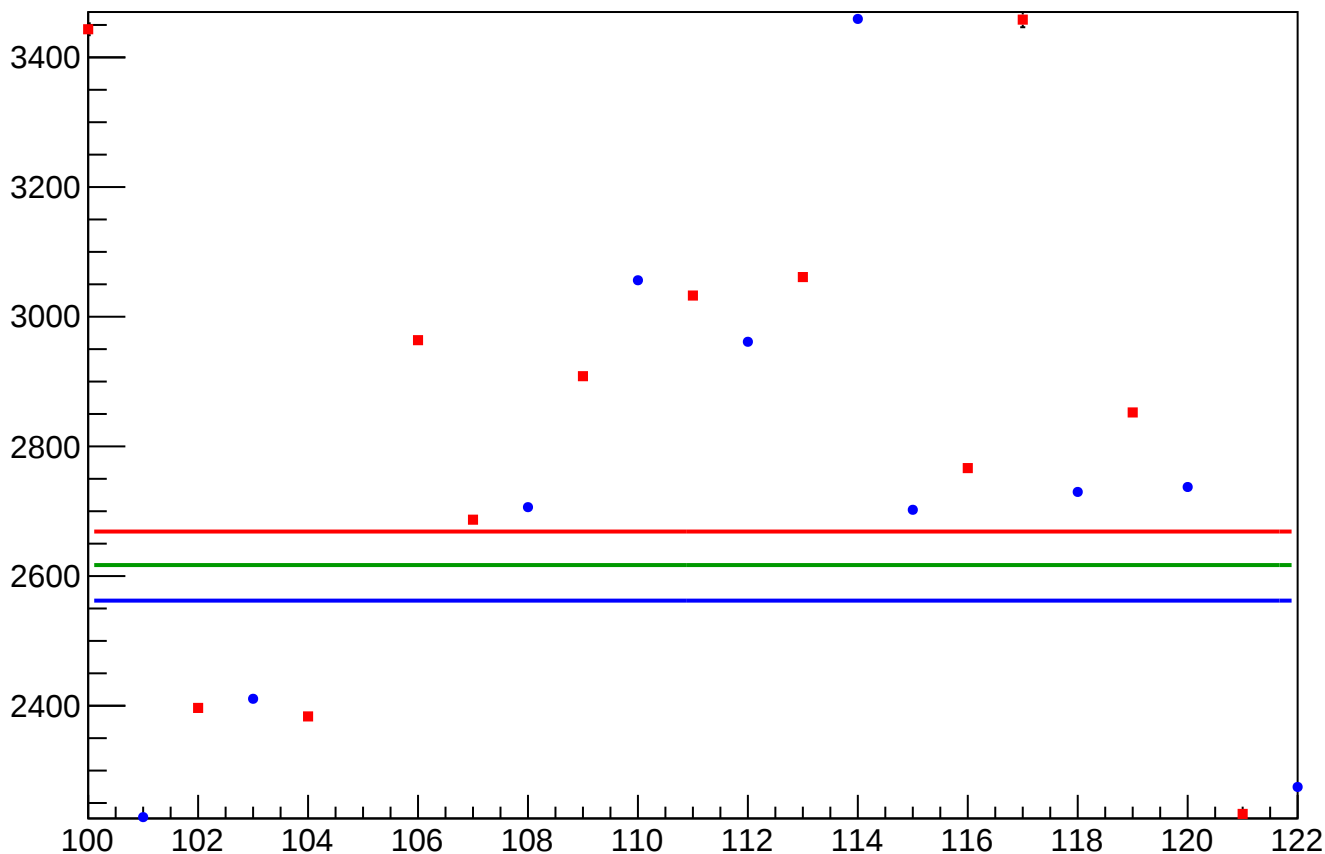
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-757.690+/-1325.819 χ^2/NDF : 8.0/9

207.681+/-923.594 χ^2/NDF : 18.9/21

1117.840+/-1287.348 χ^2/NDF : 9.8/11

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2562.131+/-0.937 χ^2/NDF : 103631.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2668.686+/-0.910 χ^2/NDF : 113968.5/11

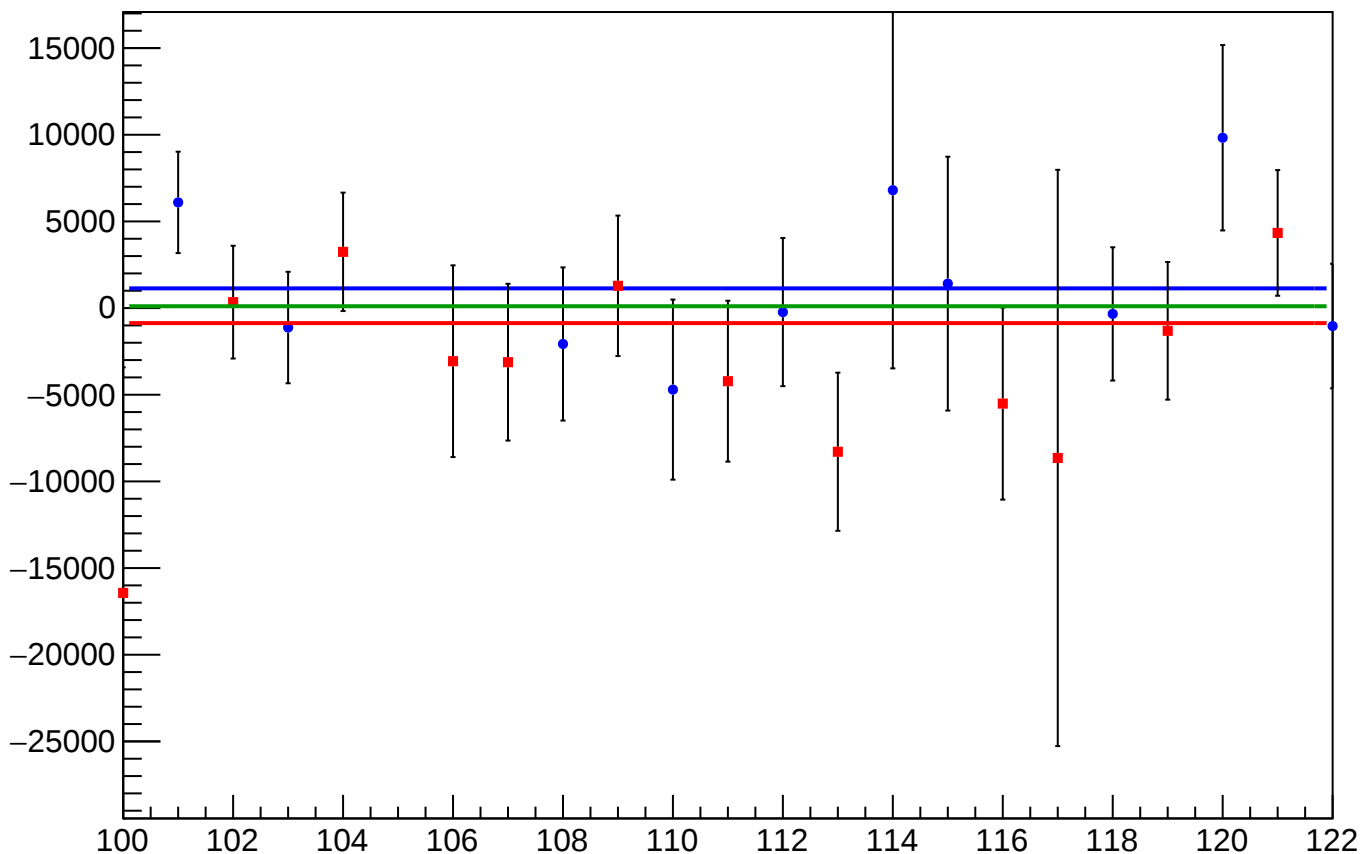
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2562.131+/-0.937 χ^2/NDF : 103631.3/9

2616.977+/-0.653 χ^2/NDF : 224249.1/21

2668.686+/-0.910 χ^2/NDF : 113968.5/11

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1136.983+/-1330.486 χ^2/NDF : 8.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -867.054+/-1292.295 χ^2/NDF : 9.9/11

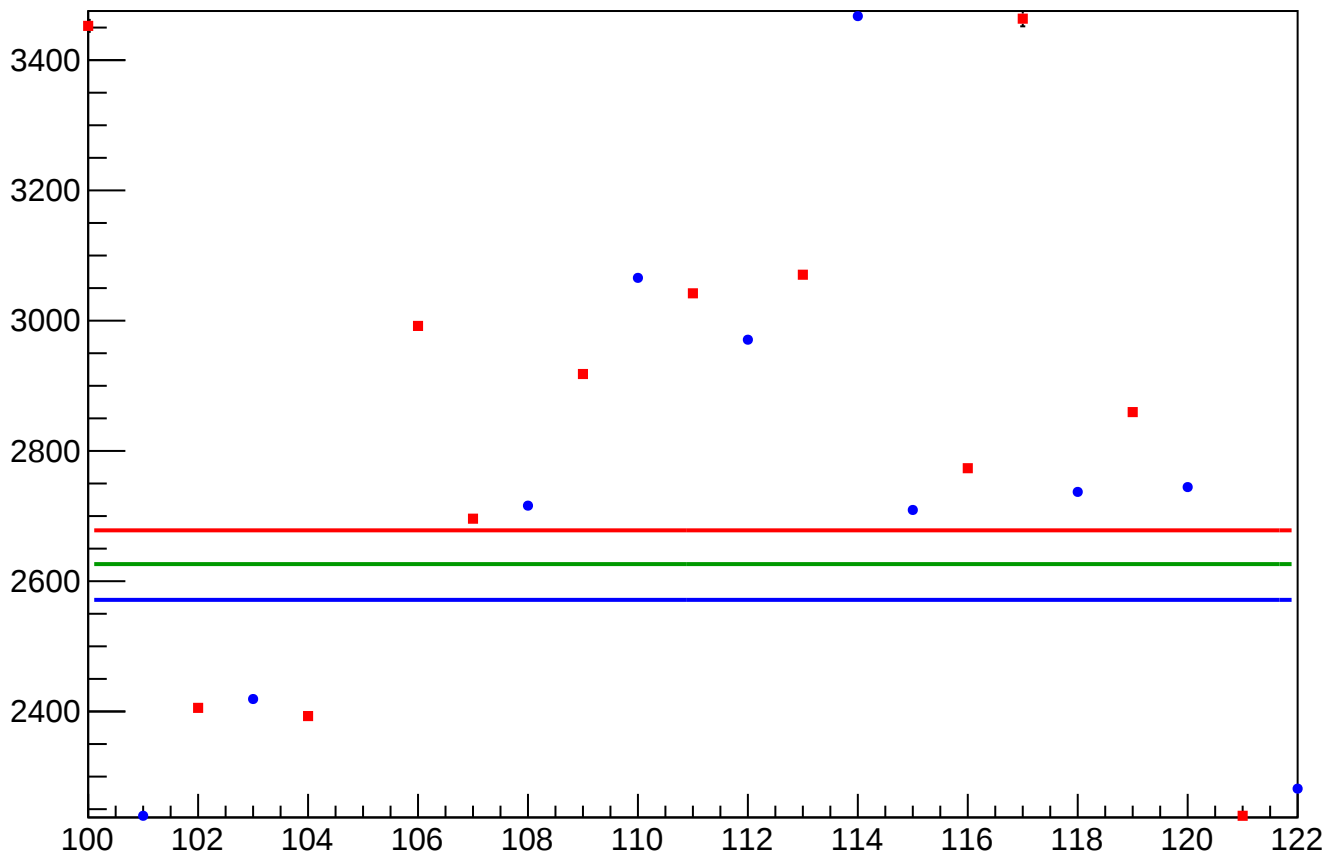
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1136.983+/-1330.486 χ^2/NDF : 8.7/9

105.790+/-926.998 χ^2/NDF : 19.8/21

-867.054+/-1292.295 χ^2/NDF : 9.9/11

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2571.346+/-0.941 χ^2/NDF : 102660.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2678.081+/-0.914 χ^2/NDF : 114123.5/11

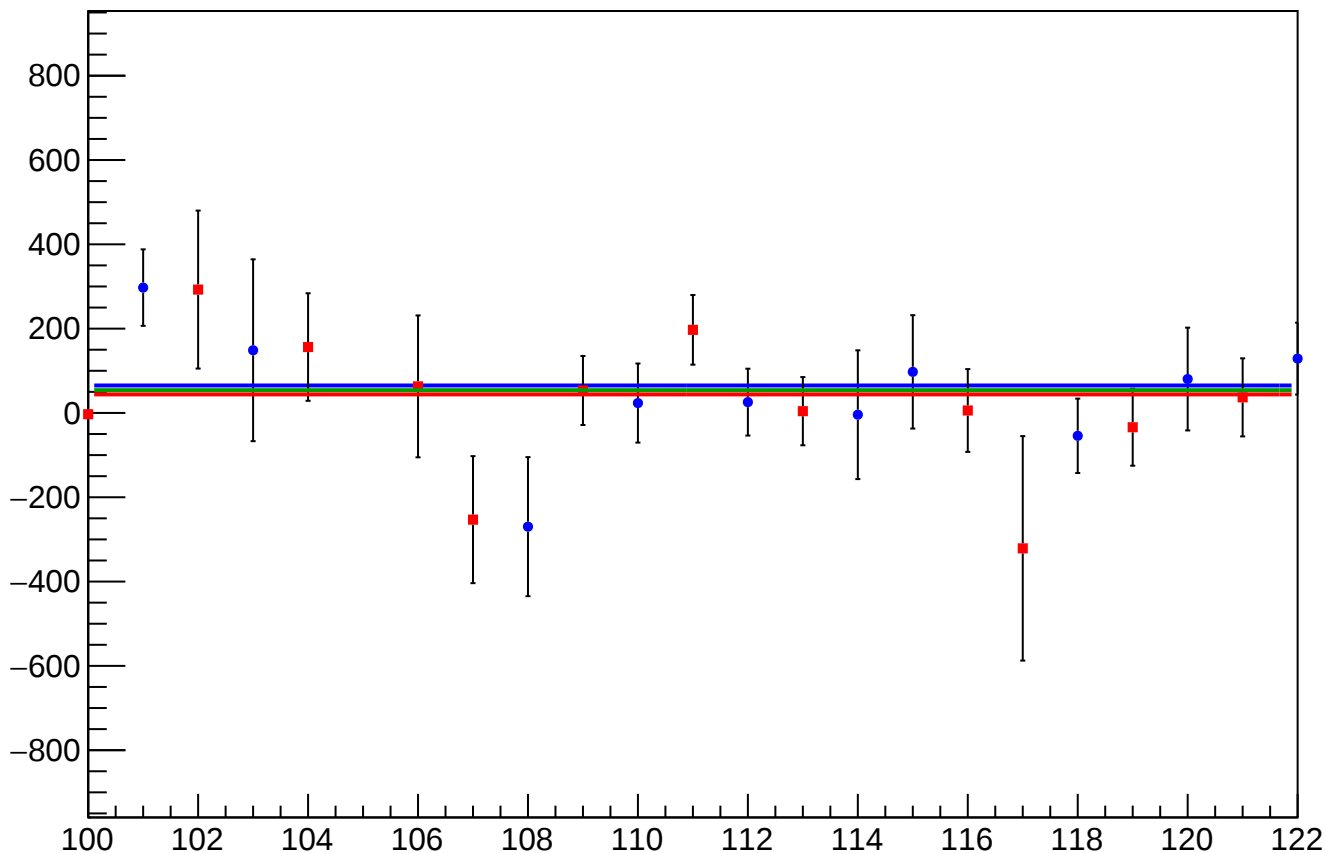
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2571.346+/-0.941 χ^2/NDF : 102660.6/9

2626.268+/-0.655 χ^2/NDF : 223407.1/21

2678.081+/-0.914 χ^2/NDF : 114123.5/11

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 65.119+/-33.637 χ^2/NDF : 13.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.955+/-32.047 χ^2/NDF : 12.9/11

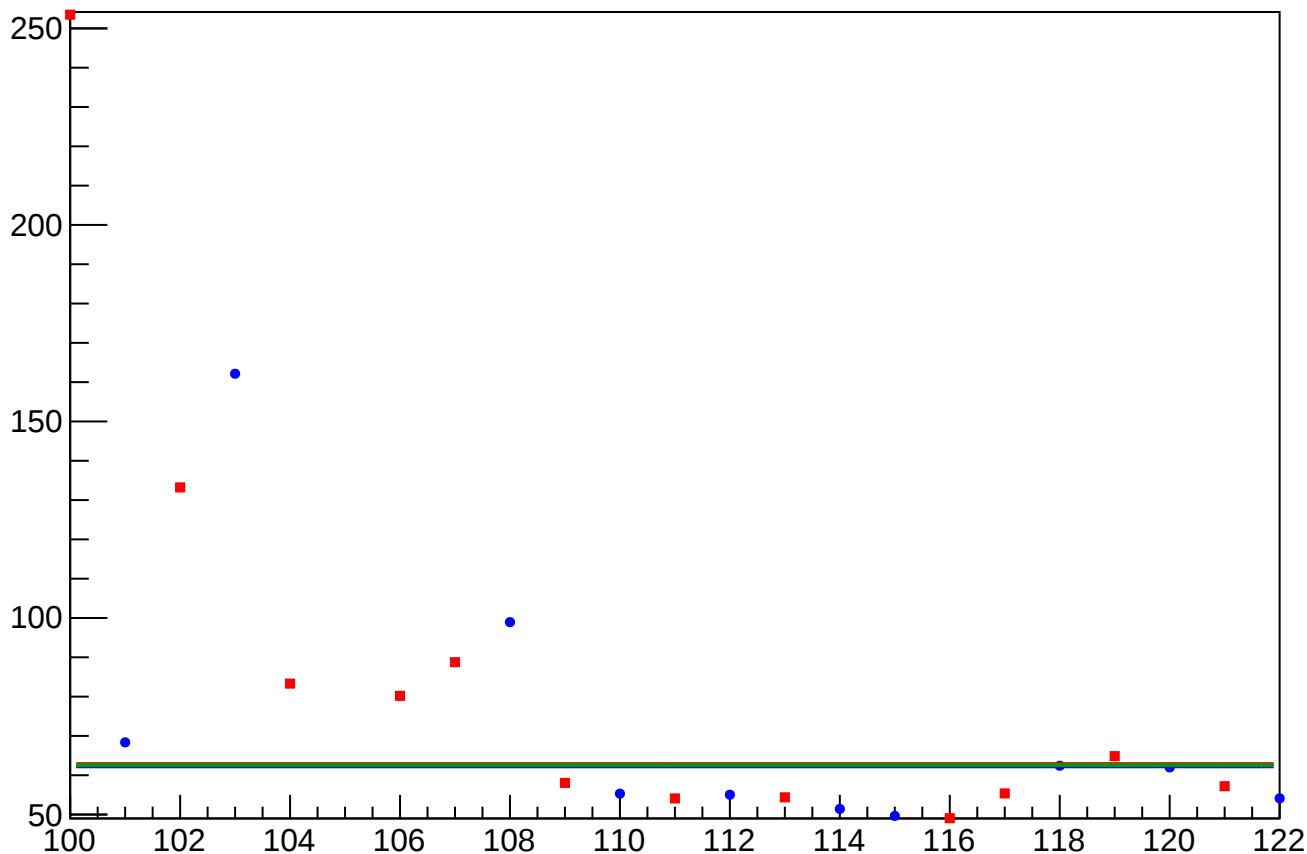
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

65.119+/-33.637 χ^2/NDF : 13.9/9

54.025+/-23.202 χ^2/NDF : 27.0/21

43.955+/-32.047 χ^2/NDF : 12.9/11

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 62.282 $\pm$ 0.024 χ^2 /NDF: 610371.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 62.826 $\pm$ 0.023 χ^2 /NDF: 594084.3/11

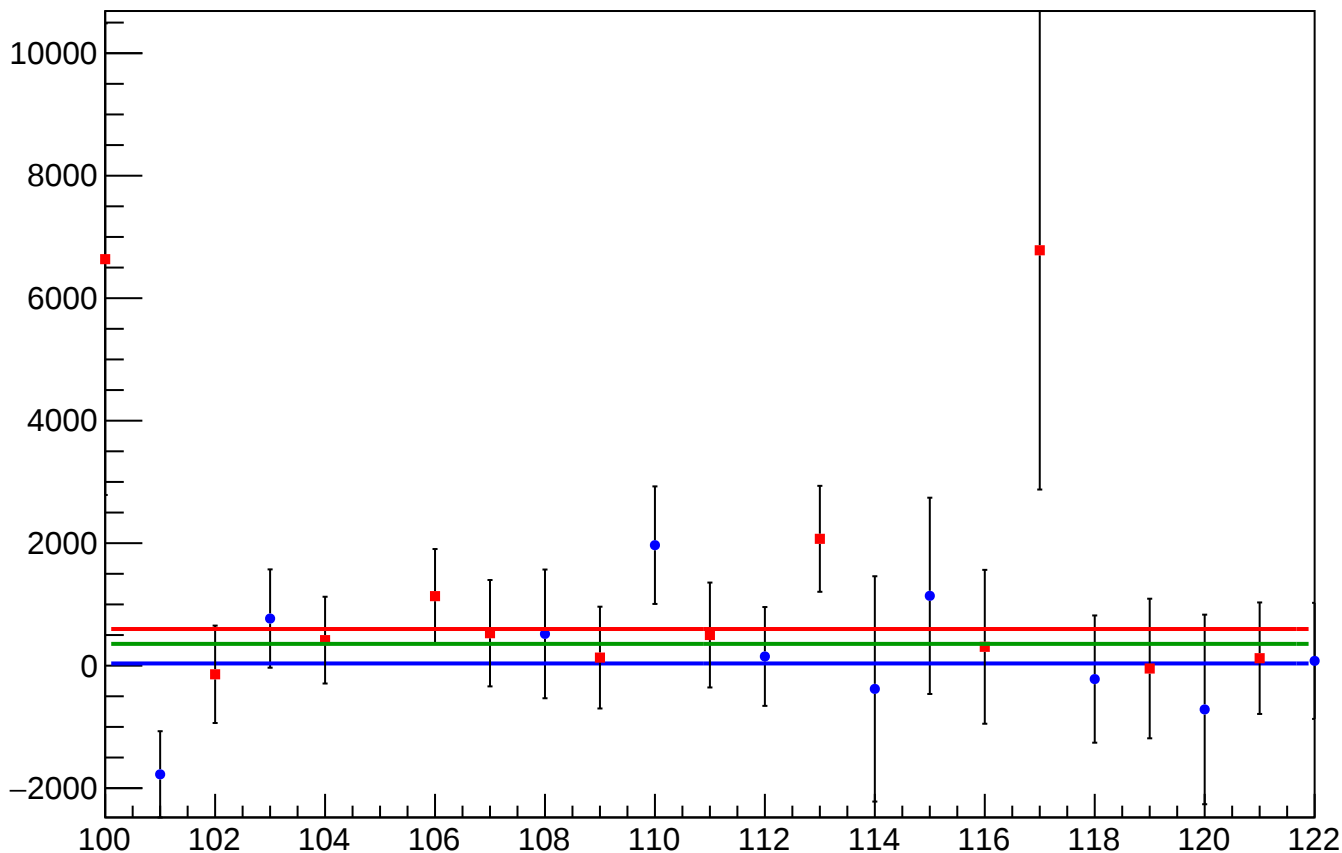
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

62.282 $\pm$ 0.024 χ^2 /NDF: 610371.9/9

62.567 $\pm$ 0.016 χ^2 /NDF: 1204730.6/21

62.826 $\pm$ 0.023 χ^2 /NDF: 594084.3/11

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 36.076+/-312.517 χ^2/NDF : 12.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 598.515+/-272.351 χ^2/NDF : 10.3/11

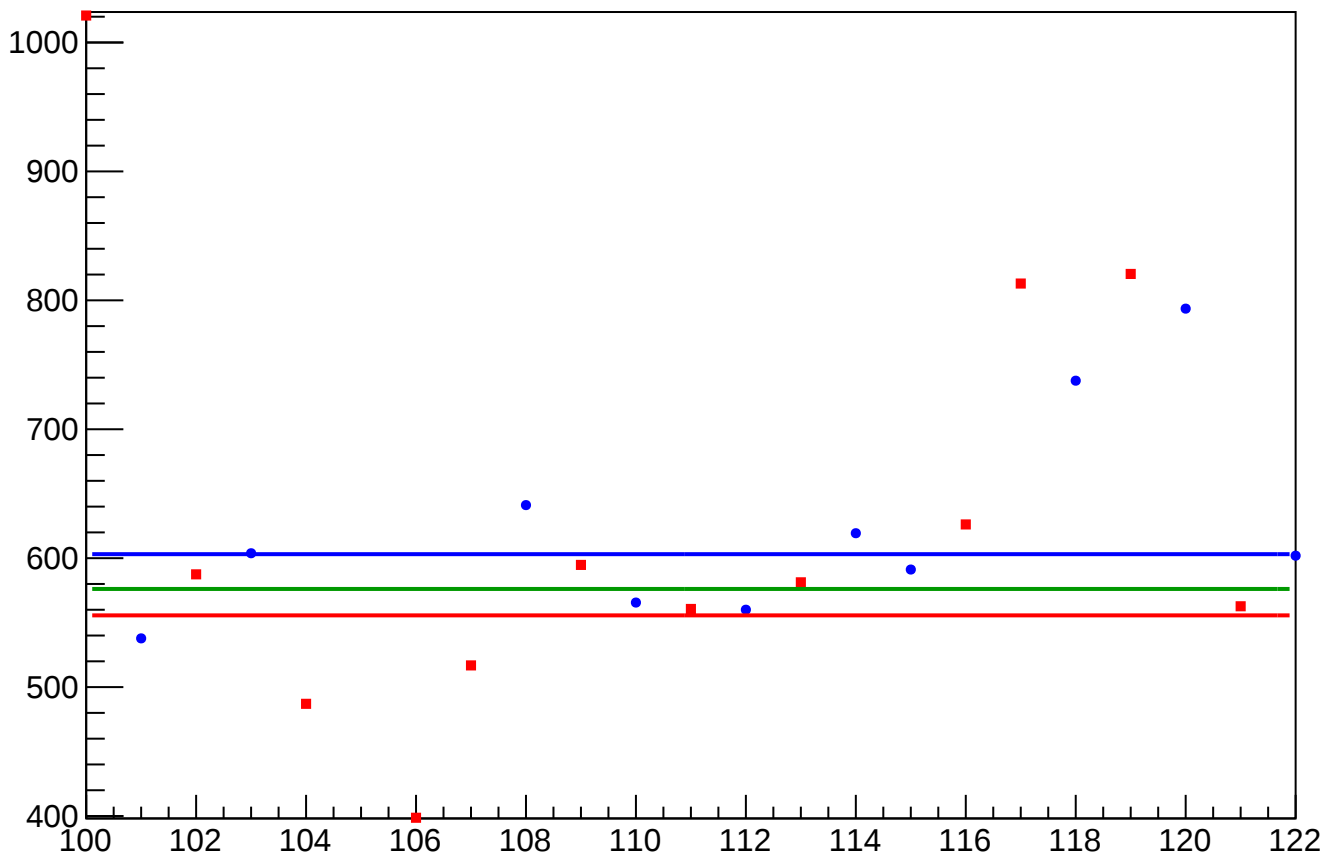
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

36.076+/-312.517 χ^2/NDF : 12.5/9

355.740+/-205.323 χ^2/NDF : 24.7/21

598.515+/-272.351 χ^2/NDF : 10.3/11

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 603.112 ± 0.221 $\chi^2/\text{NDF}: 92711.3/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 555.638 ± 0.193 $\chi^2/\text{NDF}: 267798.6/11$

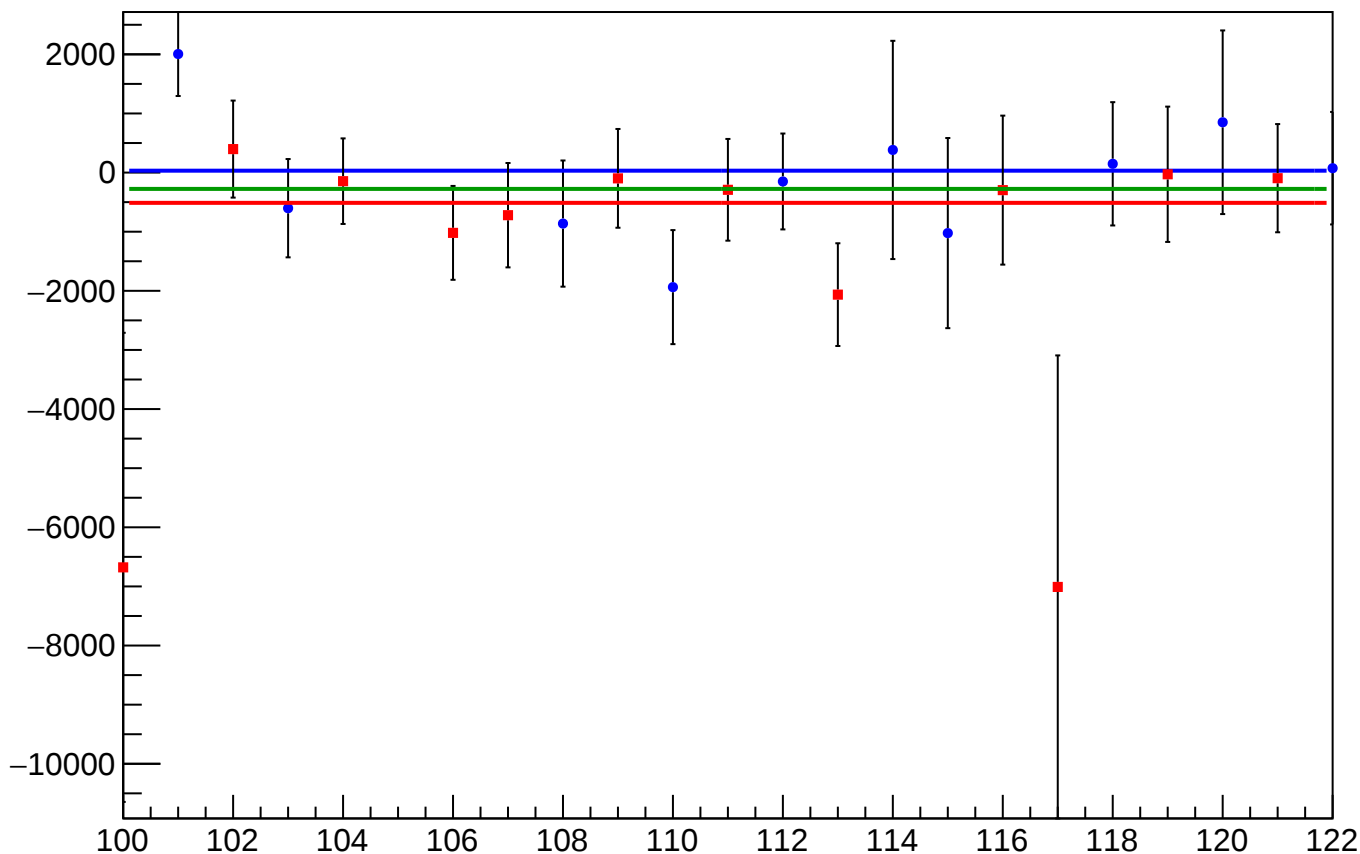
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

603.112 ± 0.221 $\chi^2/\text{NDF}: 92711.3/9$

576.130 ± 0.145 $\chi^2/\text{NDF}: 386740.3/21$

555.638 ± 0.193 $\chi^2/\text{NDF}: 267798.6/11$

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 32.078+/-315.897 χ^2/NDF : 14.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -511.992+/-276.399 χ^2/NDF : 11.0/11

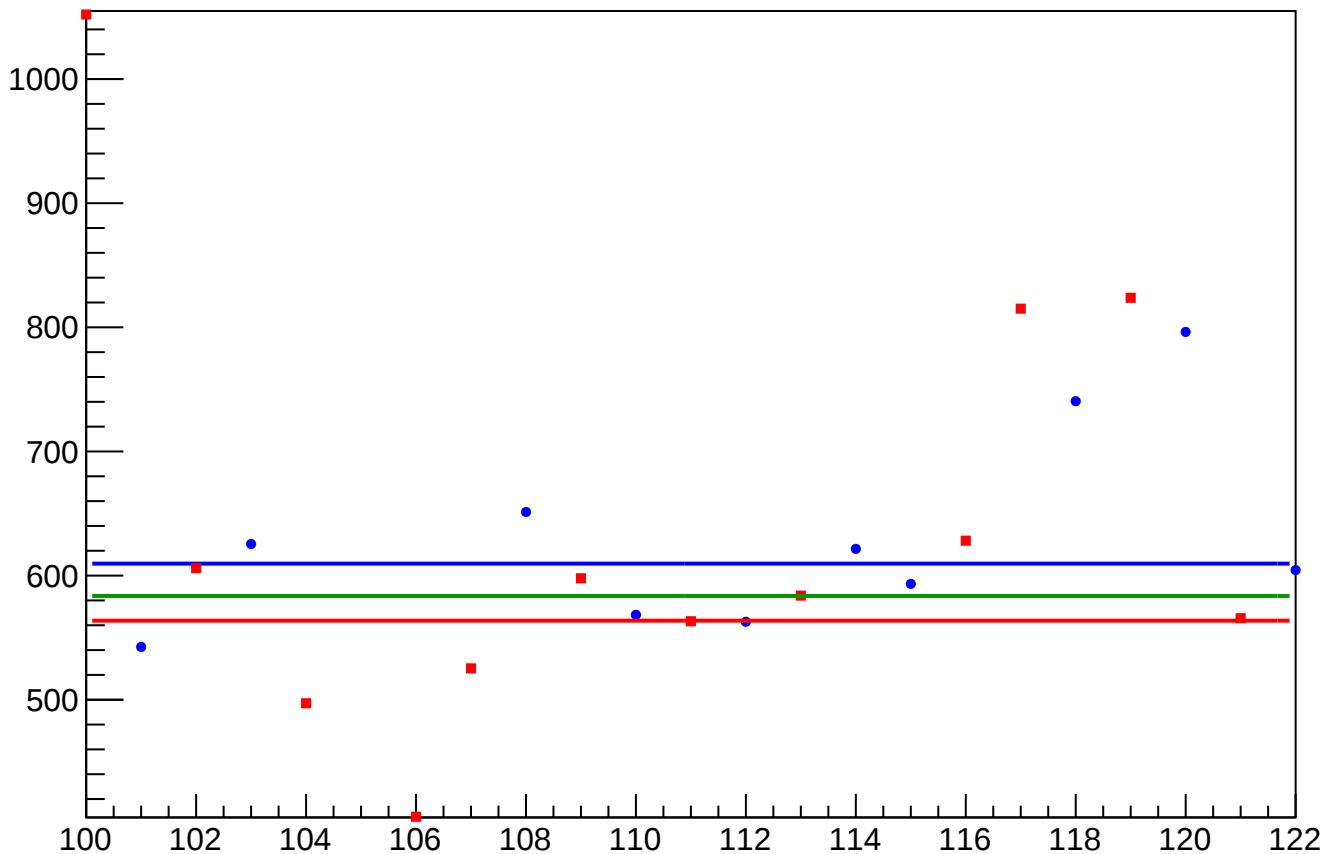
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.078+/-315.897 χ^2/NDF : 14.0/9

-276.078+/-208.015 χ^2/NDF : 26.7/21

-511.992+/-276.399 χ^2/NDF : 11.0/11

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 609.644+/-0.223 χ^2/NDF : 92677.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 563.684+/-0.195 χ^2/NDF : 256659.2/11

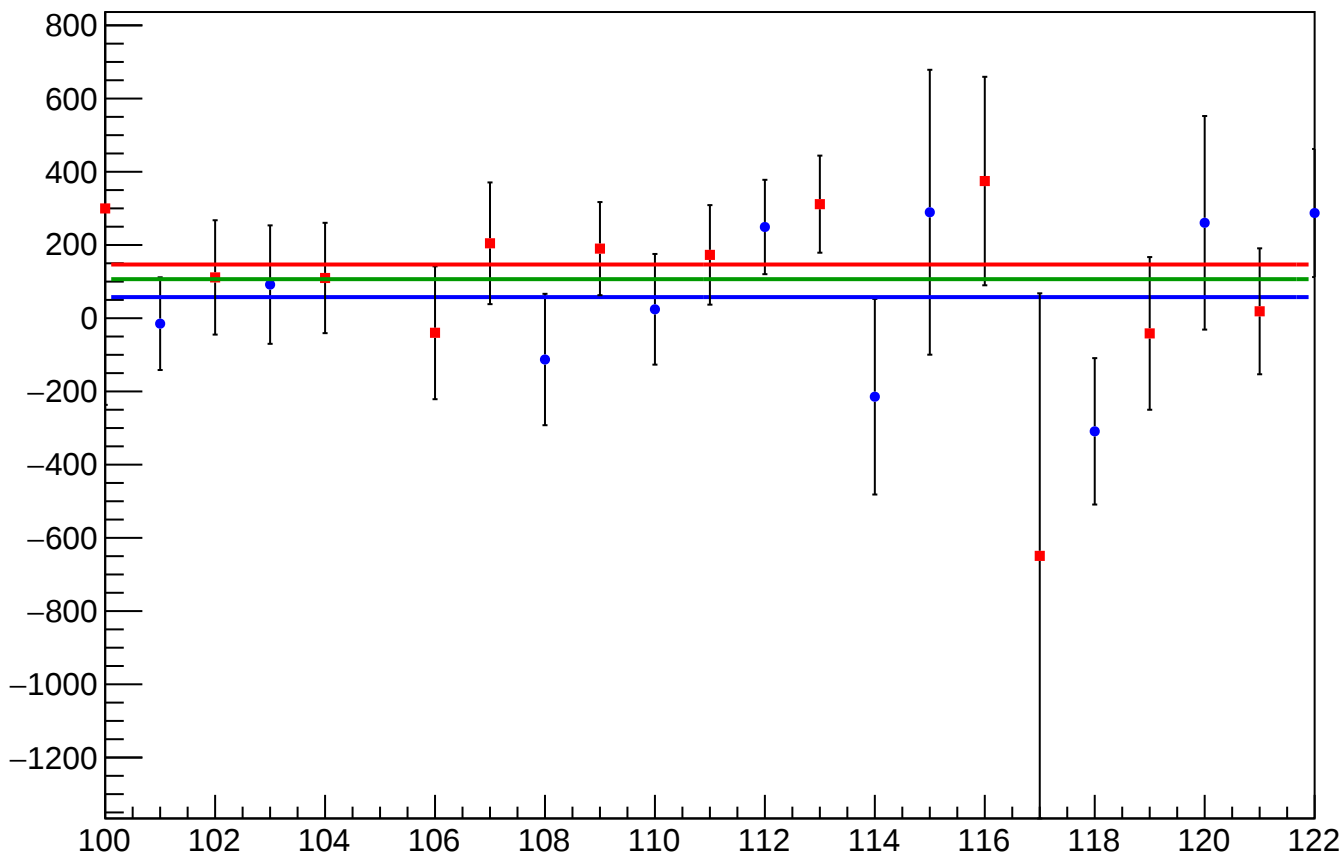
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

609.644+/-0.223 χ^2/NDF : 92677.6/9

583.613+/-0.147 χ^2/NDF : 373315.5/21

563.684+/-0.195 χ^2/NDF : 256659.2/11

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 57.652+/-55.413 χ^2/NDF : 10.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.691+/-50.068 χ^2/NDF : 6.3/11

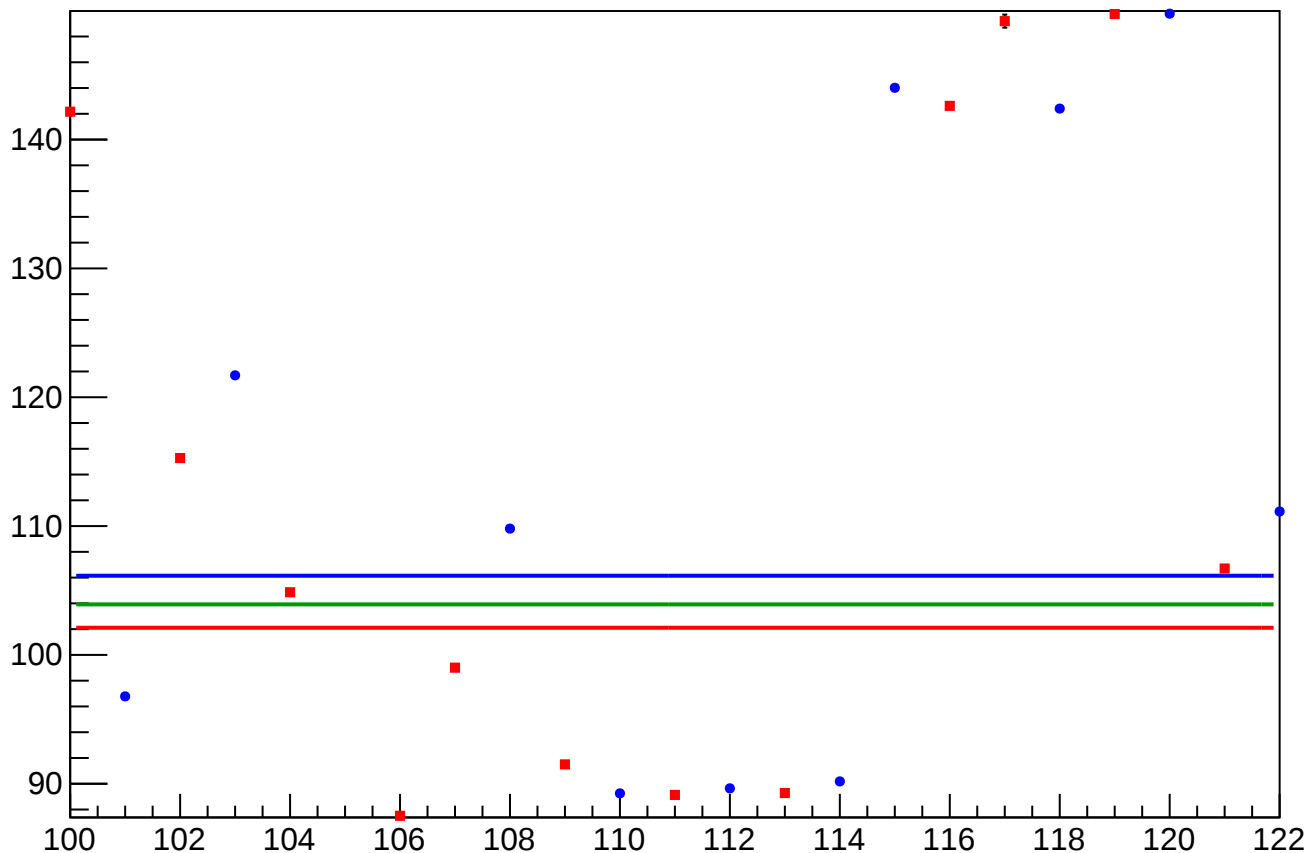
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

57.652+/-55.413 χ^2/NDF : 10.5/9

106.672+/-37.150 χ^2/NDF : 18.2/21

146.691+/-50.068 χ^2/NDF : 6.3/11

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 106.145+/-0.039 χ^2/NDF : 226230.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.108+/-0.035 χ^2/NDF : 245393.4/11

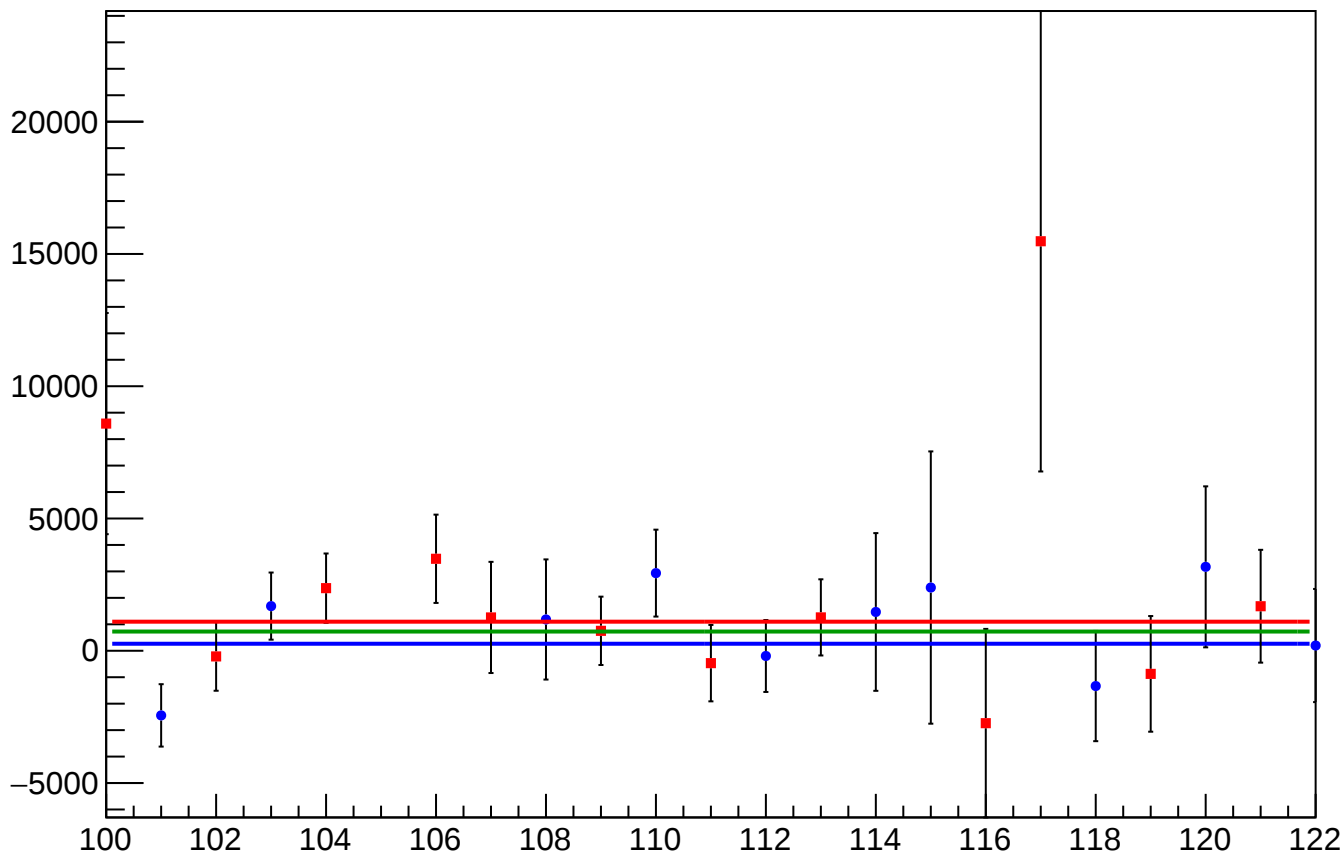
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

106.145+/-0.039 χ^2/NDF : 226230.4/9

103.923+/-0.026 χ^2/NDF : 477468.3/21

102.108+/-0.035 χ^2/NDF : 245393.4/11

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 265.295+/-563.228 χ^2/NDF : 11.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1099.364+/-506.223 χ^2/NDF : 13.2/11

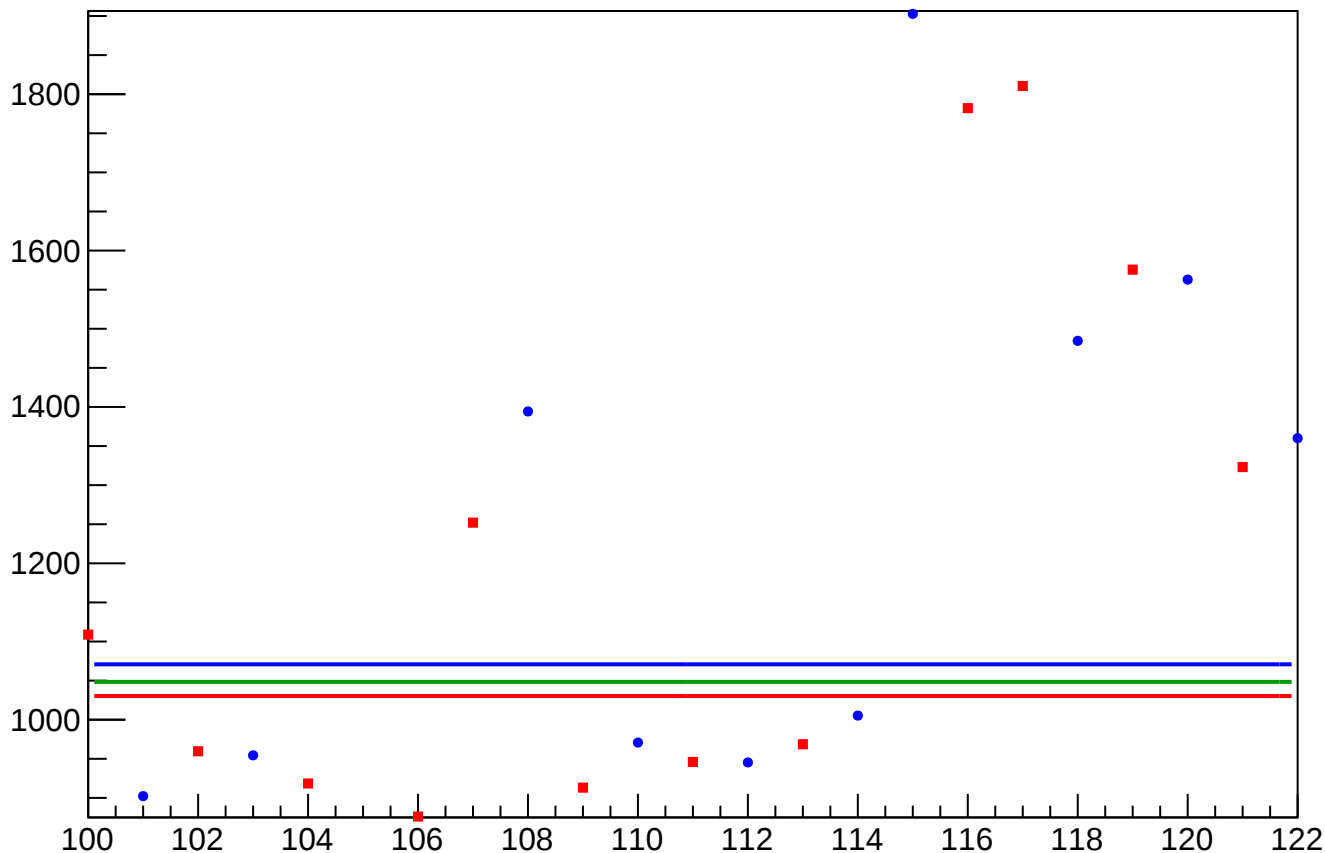
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

265.295+/-563.228 χ^2/NDF : 11.3/9

726.662+/-376.499 χ^2/NDF : 25.7/21

1099.364+/-506.223 χ^2/NDF : 13.2/11

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1070.837+/-0.398 χ^2/NDF : 343614.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1030.248+/-0.358 χ^2/NDF : 354786.6/11

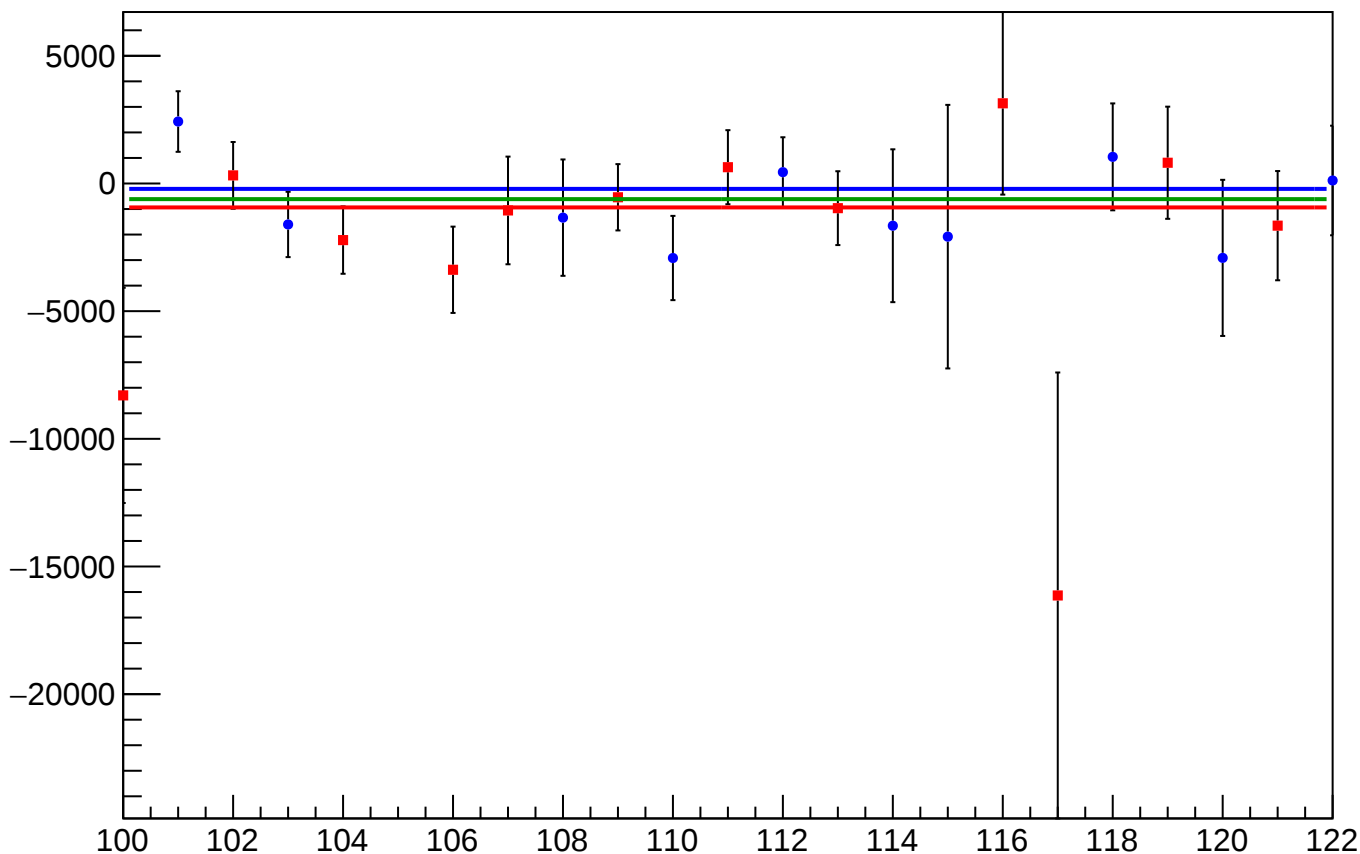
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1070.837+/-0.398 χ^2/NDF : 343614.0/9

1048.385+/-0.266 χ^2/NDF : 704145.9/21

1030.248+/-0.358 χ^2/NDF : 354786.6/11

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -211.096+/-566.221 χ^2 /NDF: 10.8/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -937.312+/-509.263 χ^2 /NDF: 13.4/11

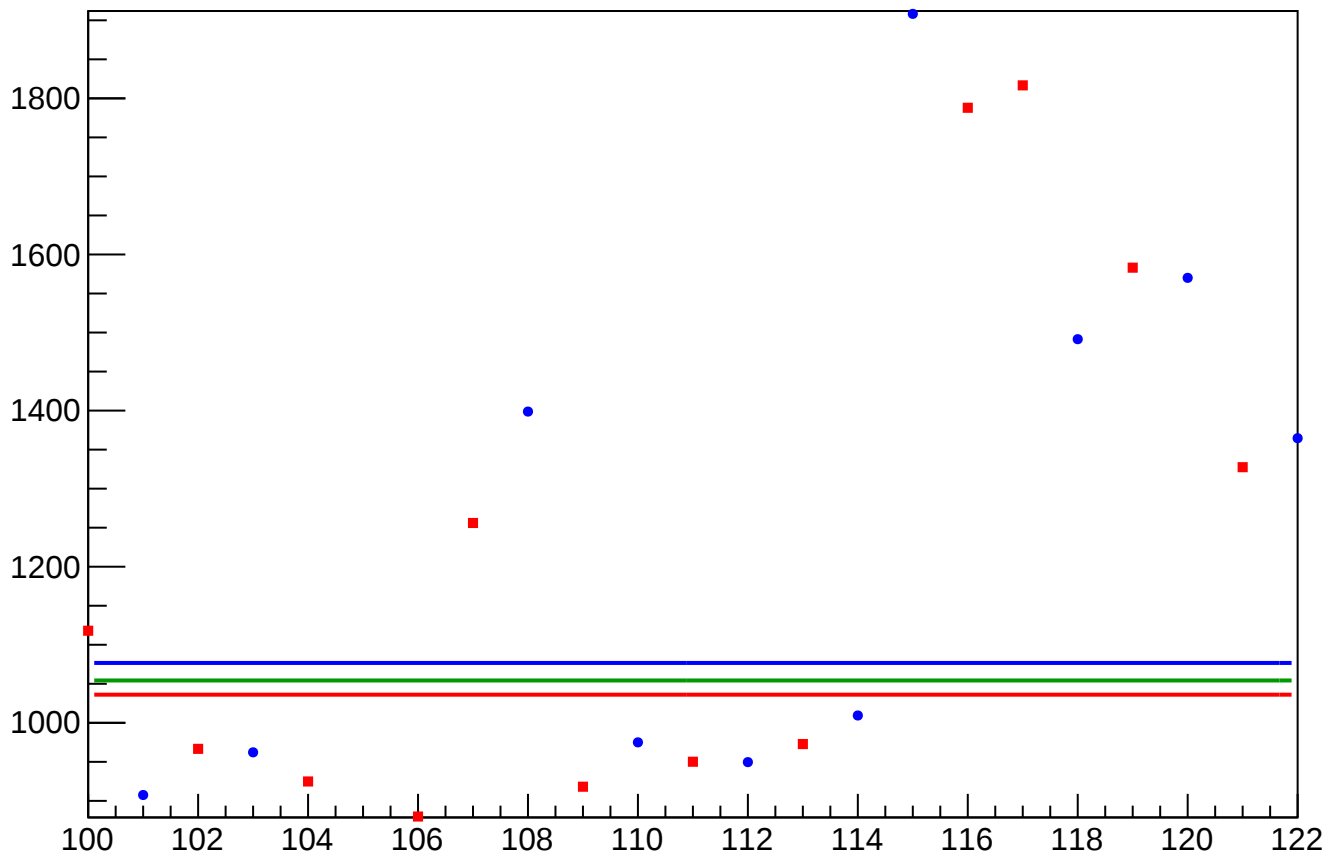
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-211.096+/-566.221 χ^2 /NDF: 10.8/9

-612.558+/-378.644 χ^2 /NDF: 25.1/21

-937.312+/-509.263 χ^2 /NDF: 13.4/11

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1076.721+/-0.400 χ^2/NDF : 341107.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1036.058+/-0.360 χ^2/NDF : 352411.8/11

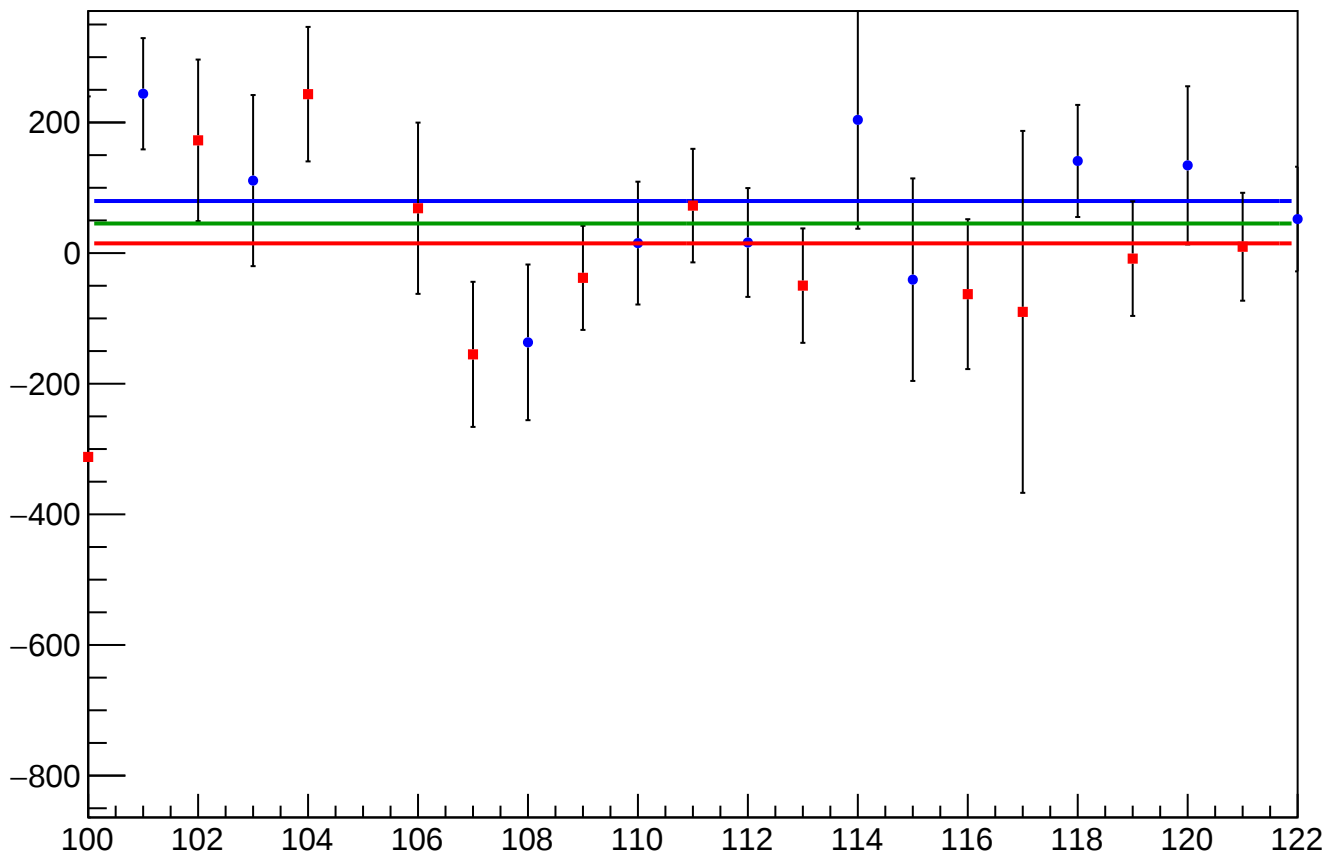
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1076.721+/-0.400 χ^2/NDF : 341107.3/9

1054.242+/-0.268 χ^2/NDF : 699221.2/21

1036.058+/-0.360 χ^2/NDF : 352411.8/11

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 79.737 $\pm$ 32.256 χ^2 /NDF: 10.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.893 $\pm$ 30.321 χ^2 /NDF: 11.5/11

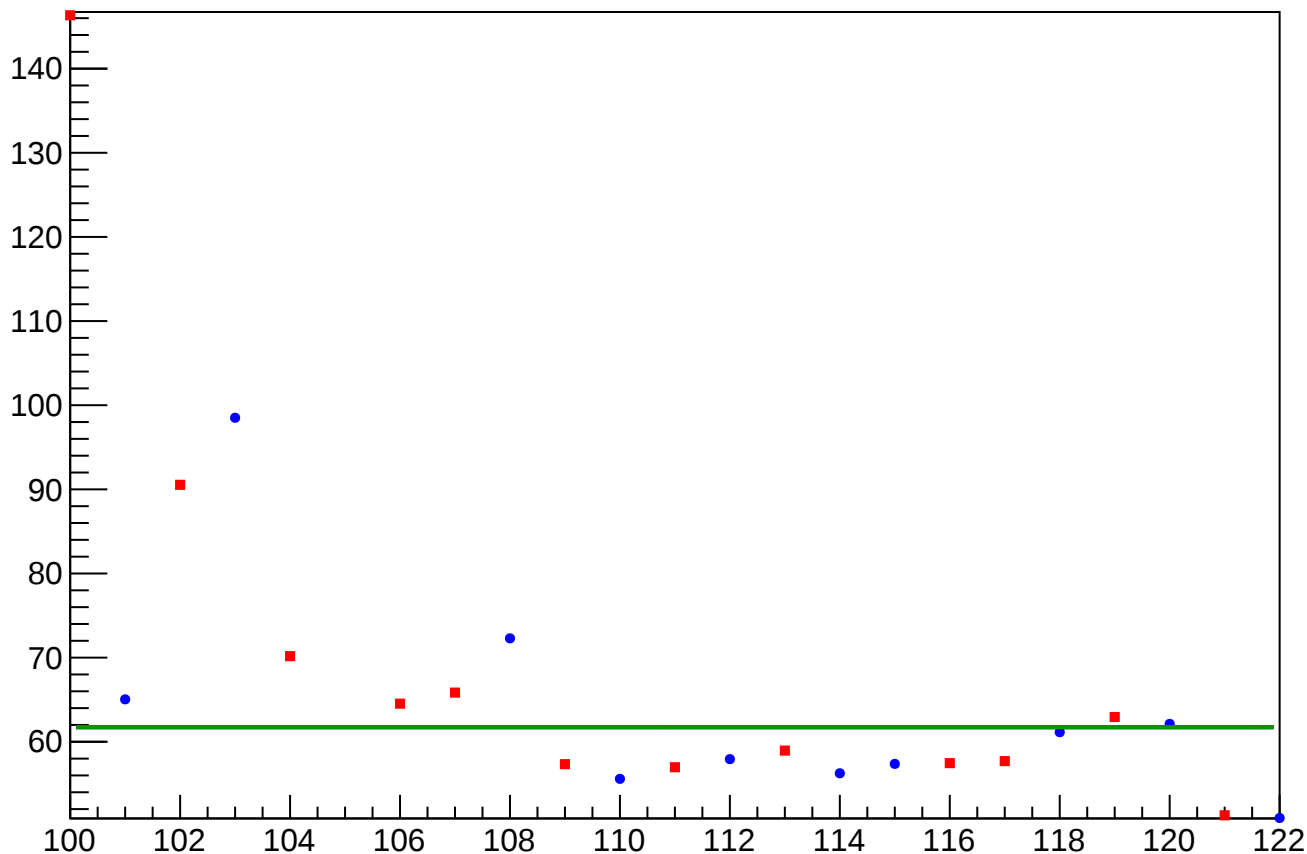
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

79.737 $\pm$ 32.256 χ^2 /NDF: 10.1/9

45.312 $\pm$ 22.092 χ^2 /NDF: 23.8/21

14.893 $\pm$ 30.321 χ^2 /NDF: 11.5/11

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 61.720+/-0.023 χ^2/NDF : 229148.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.747+/-0.021 χ^2/NDF : 222398.8/11

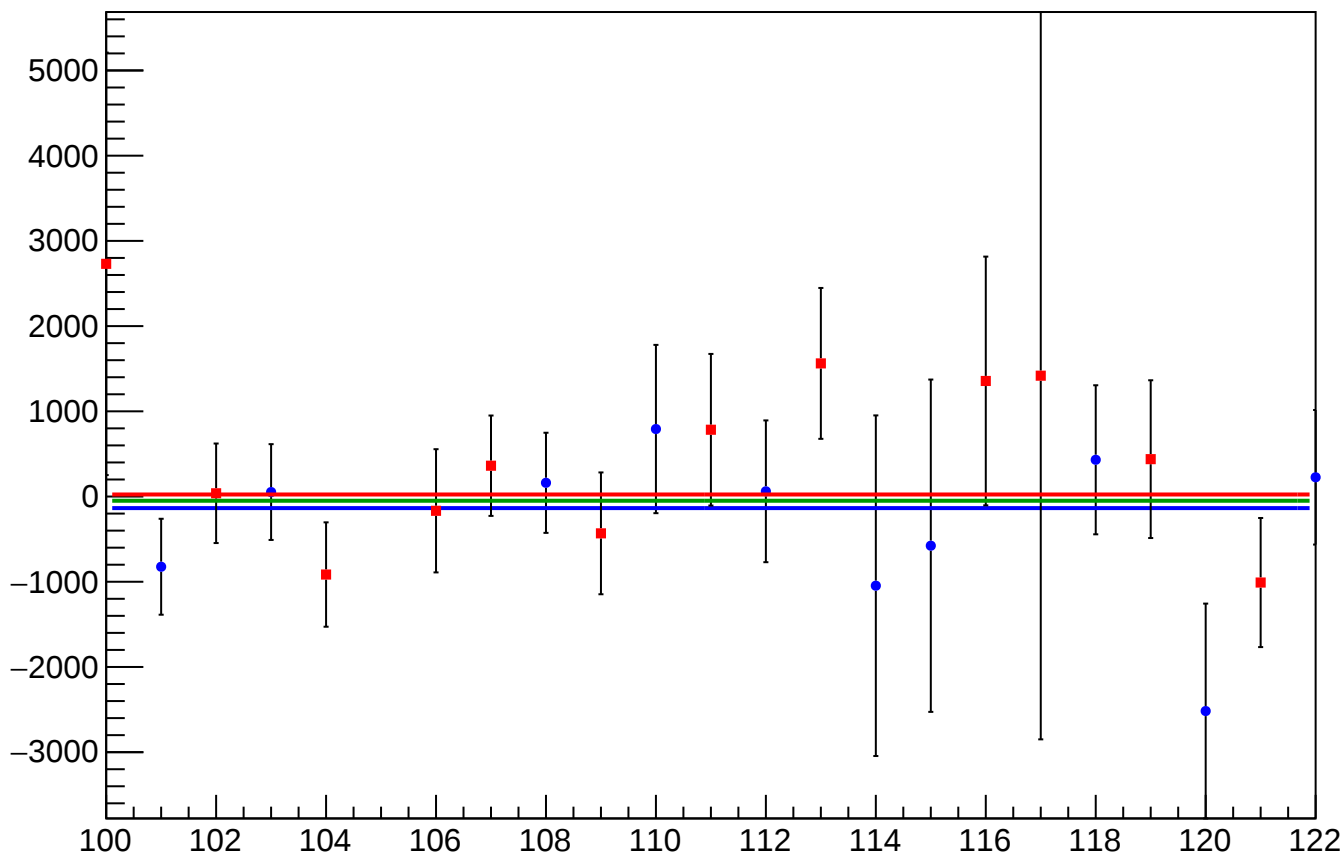
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

61.720+/-0.023 χ^2/NDF : 229148.3/9

61.734+/-0.016 χ^2/NDF : 451548.0/21

61.747+/-0.021 χ^2/NDF : 222398.8/11

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -135.710+/-252.030 χ^2/NDF : 7.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.092+/-232.561 χ^2/NDF : 11.1/11

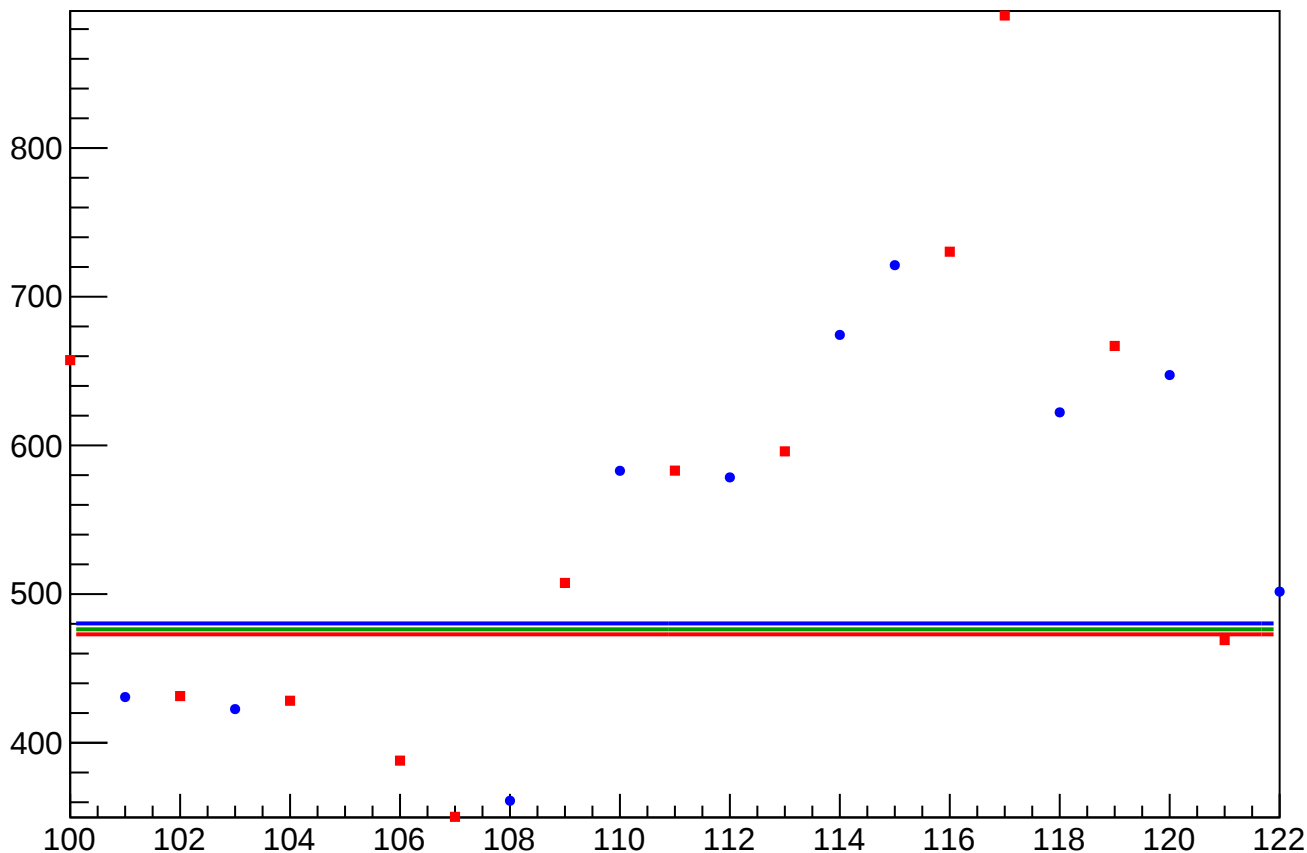
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-135.710+/-252.030 χ^2/NDF : 7.3/9

-49.399+/-170.914 χ^2/NDF : 18.6/21

24.092+/-232.561 χ^2/NDF : 11.1/11

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 480.268+/-0.178 χ^2/NDF : 307071.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 472.928+/-0.164 χ^2/NDF : 389355.1/11

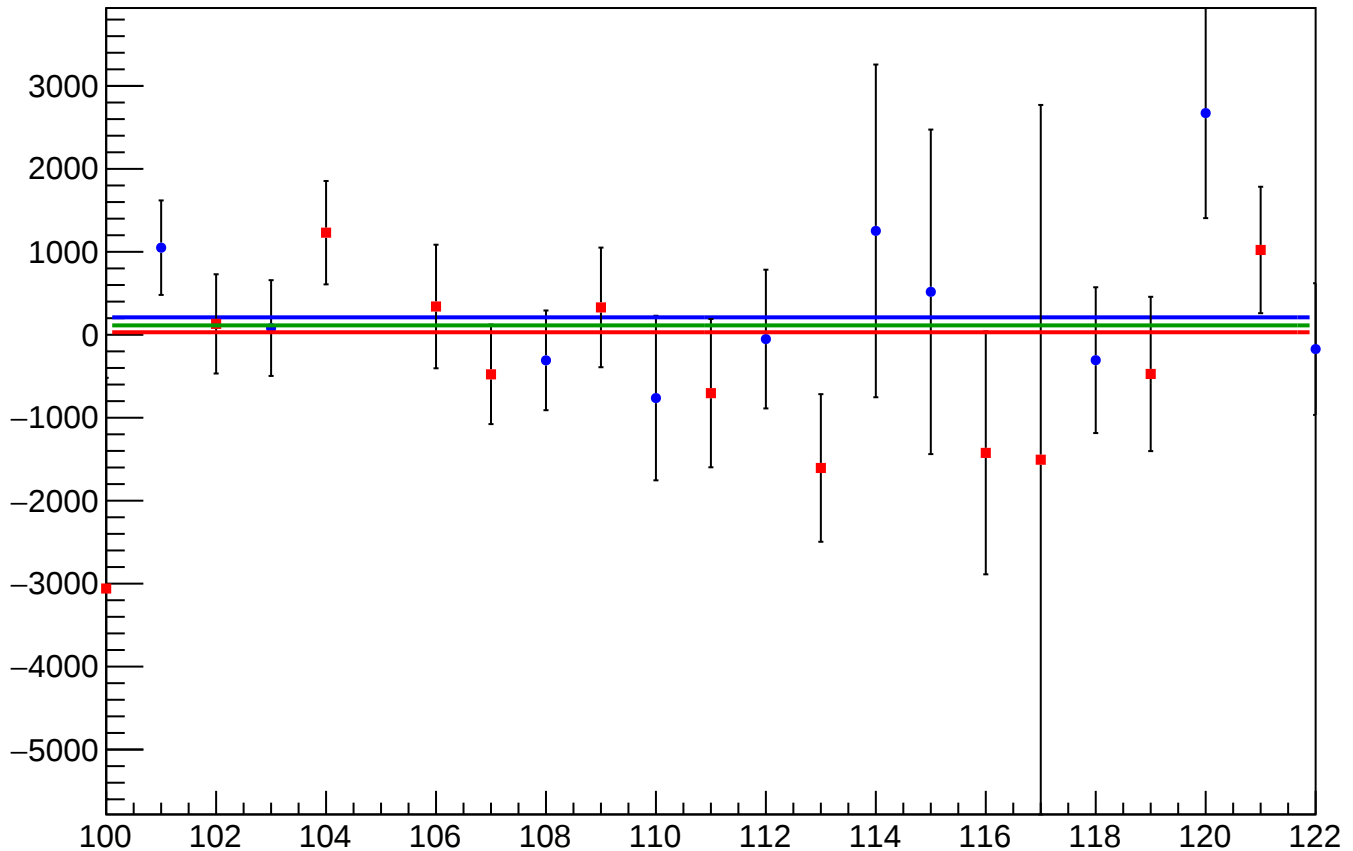
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

480.268+/-0.178 χ^2/NDF : 307071.2/9

476.304+/-0.121 χ^2/NDF : 697342.6/21

472.928+/-0.164 χ^2/NDF : 389355.1/11

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 210.446+/-255.532 χ^2/NDF : 8.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.375+/-236.071 χ^2/NDF : 13.4/11

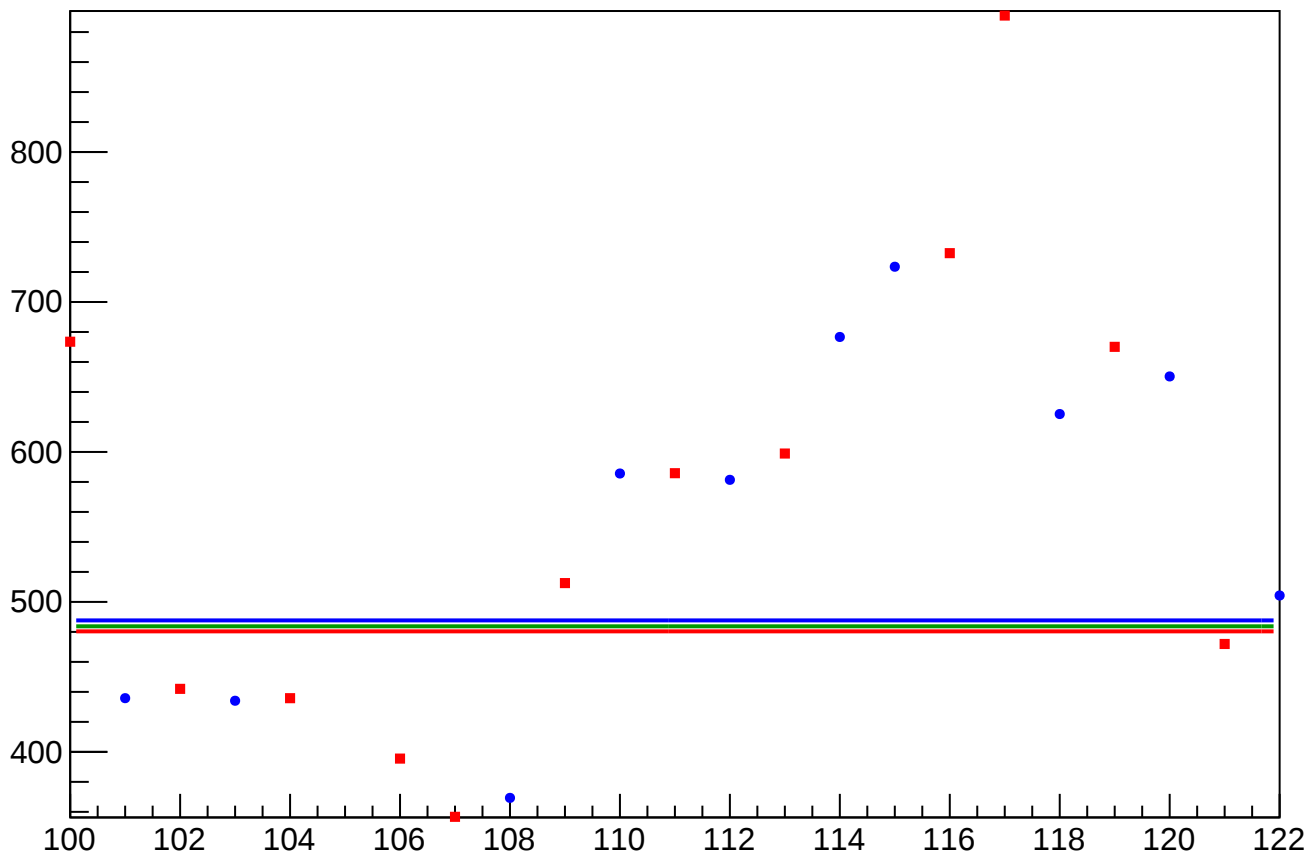
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

210.446+/-255.532 χ^2/NDF : 8.7/9

113.293+/-173.400 χ^2/NDF : 22.4/21

30.375+/-236.071 χ^2/NDF : 13.4/11

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 487.668 $\pm$ 0.181 χ^2 /NDF: 285746.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 480.369 $\pm$ 0.167 χ^2 /NDF: 369609.6/11

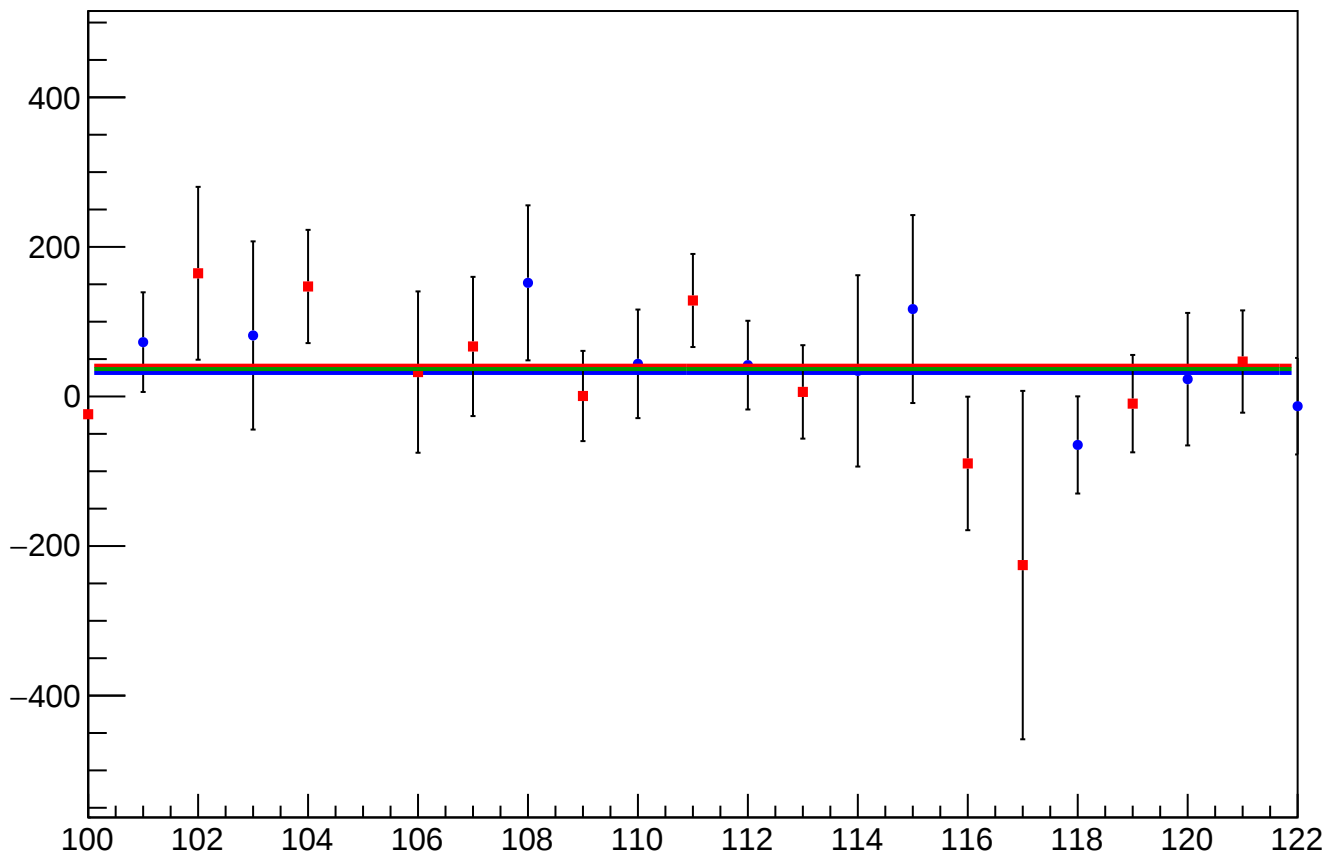
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

487.668 $\pm$ 0.181 χ^2 /NDF: 285746.0/9

483.730 $\pm$ 0.123 χ^2 /NDF: 656236.0/21

480.369 $\pm$ 0.167 χ^2 /NDF: 369609.6/11

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 31.441+/-25.123 χ^2/NDF : 5.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.177+/-23.333 χ^2/NDF : 10.0/11

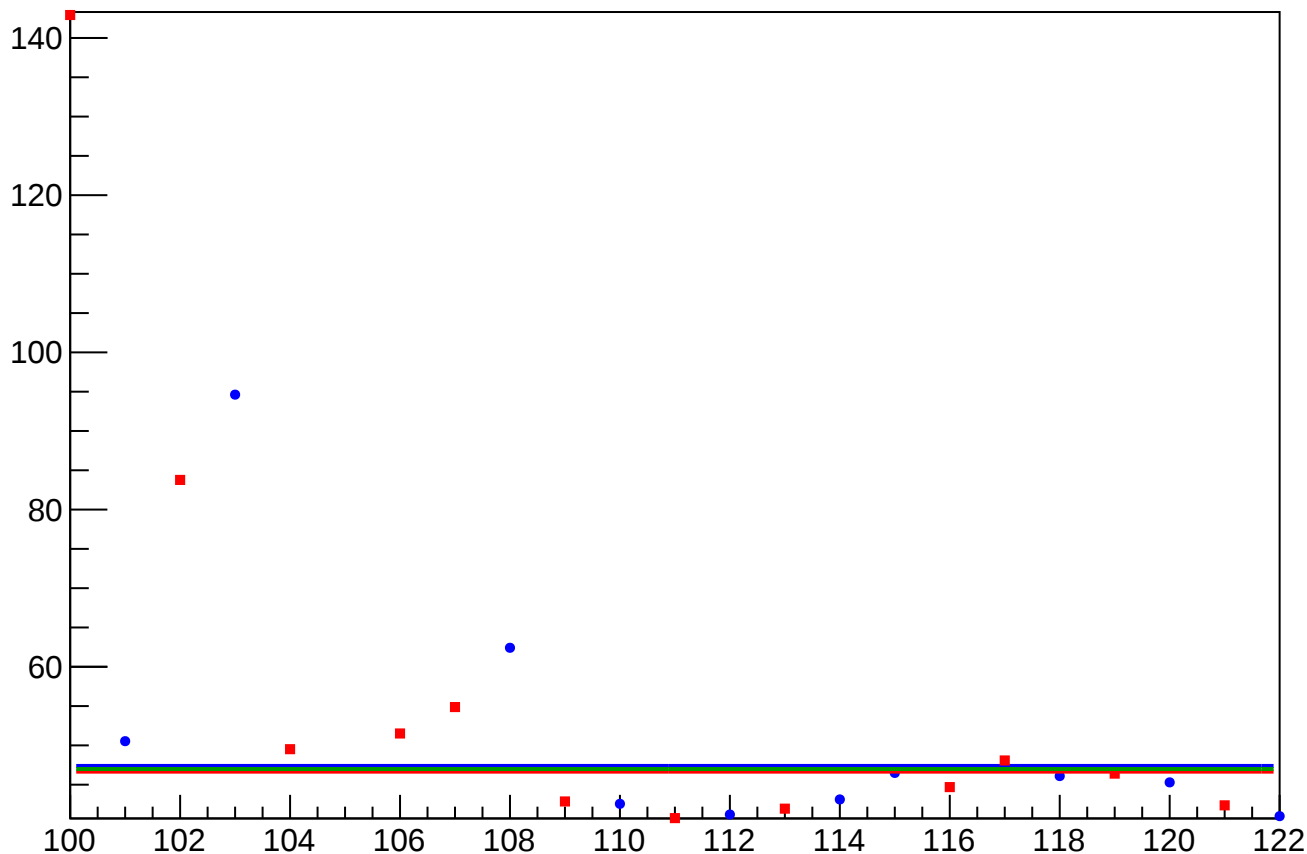
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

31.441+/-25.123 χ^2/NDF : 5.1/9

36.668+/-17.097 χ^2/NDF : 15.2/21

41.177+/-23.333 χ^2/NDF : 10.0/11

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 47.383+/-0.018 χ^2/NDF : 382804.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.660+/-0.016 χ^2/NDF : 338733.2/11

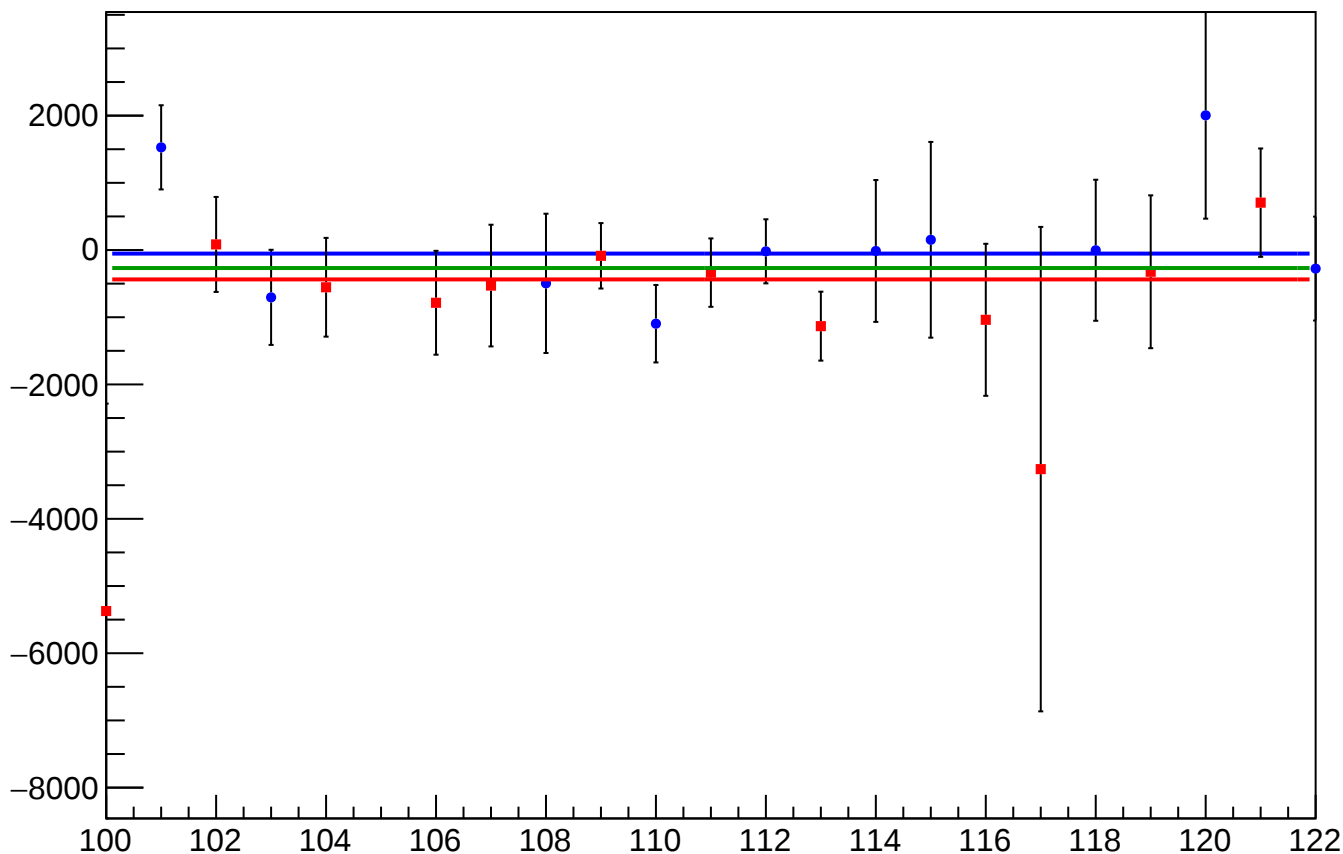
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

47.383+/-0.018 χ^2/NDF : 382804.3/9

46.995+/-0.012 χ^2/NDF : 722427.7/21

46.660+/-0.016 χ^2/NDF : 338733.2/11

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -52.971+/-240.724 χ^2/NDF : 12.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -437.188+/-213.670 χ^2/NDF : 8.6/11

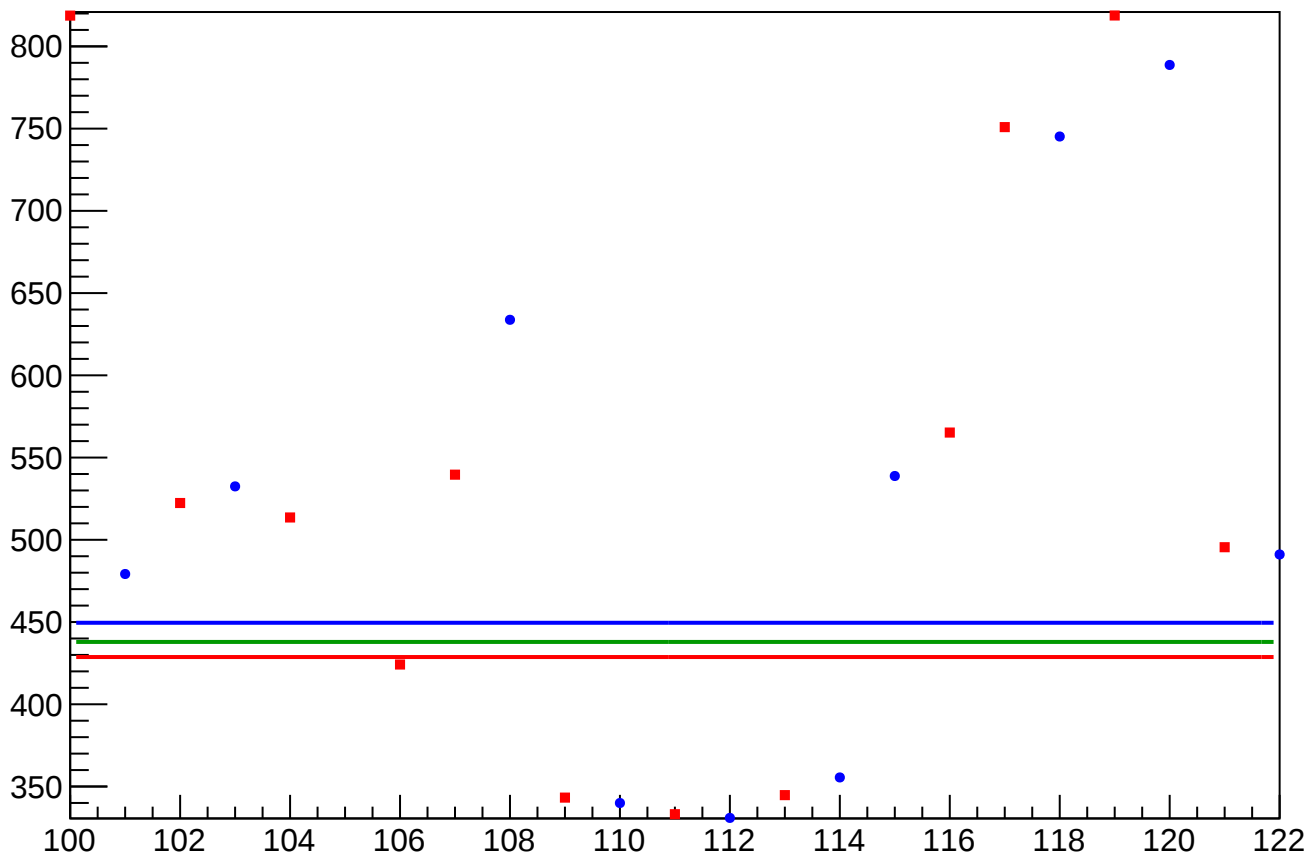
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-52.971+/-240.724 χ^2/NDF : 12.6/9

-267.874+/-159.800 χ^2/NDF : 22.6/21

-437.188+/-213.670 χ^2/NDF : 8.6/11

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 449.555+/-0.170 χ^2/NDF : 576510.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 428.725+/-0.151 χ^2/NDF : 603620.3/11

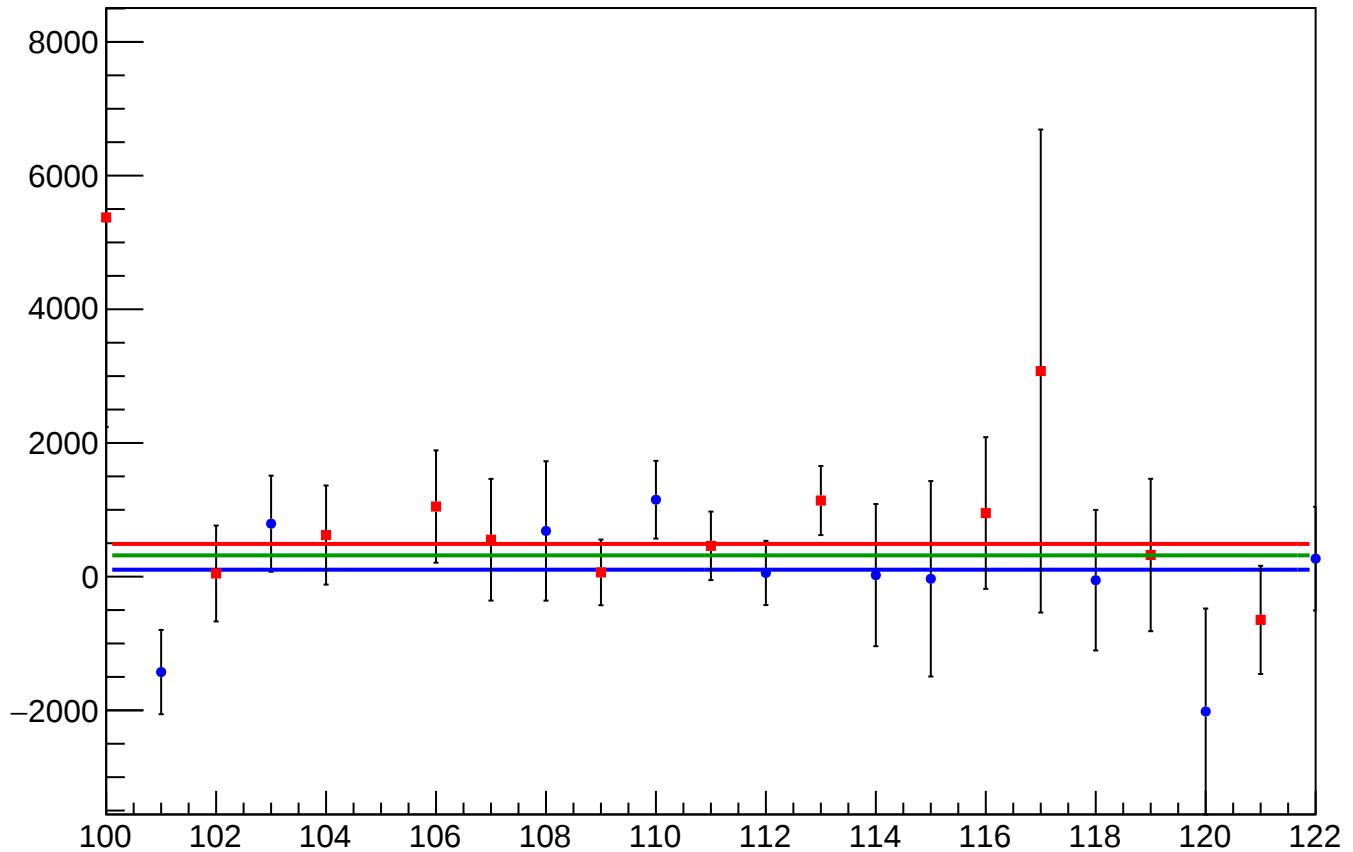
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

449.555+/-0.170 χ^2/NDF : 576510.4/9

437.904+/-0.113 χ^2/NDF : 1188507.1/21

428.725+/-0.151 χ^2/NDF : 603620.3/11

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 103.972 $\pm$ 242.532 χ^2 /NDF: 12.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 489.385 $\pm$ 216.535 χ^2 /NDF: 8.3/11

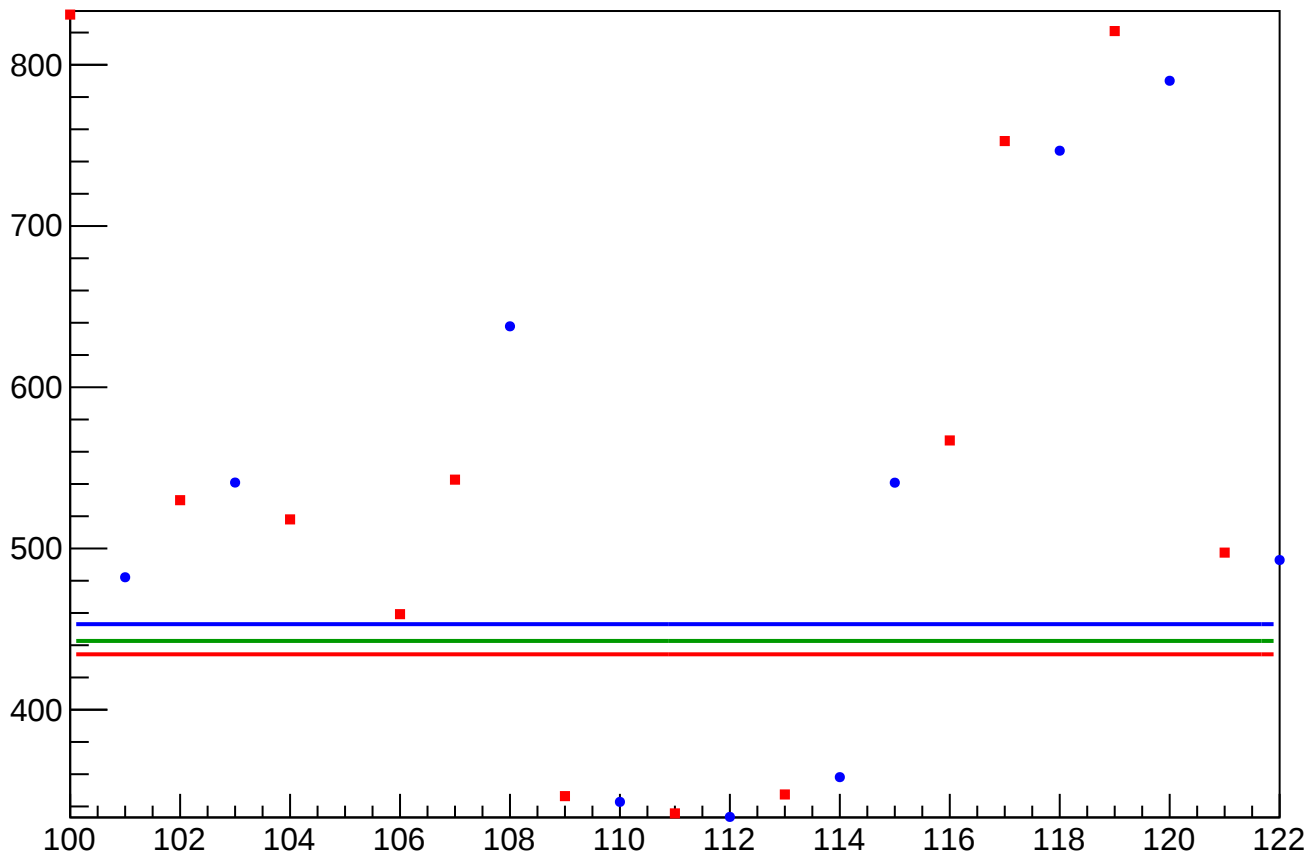
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

103.972 $\pm$ 242.532 χ^2 /NDF: 12.4/9

318.434 $\pm$ 161.525 χ^2 /NDF: 22.1/21

489.385 $\pm$ 216.535 χ^2 /NDF: 8.3/11

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 453.063+/-0.171 χ^2/NDF : 572744.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 434.366+/-0.153 χ^2/NDF : 602778.4/11

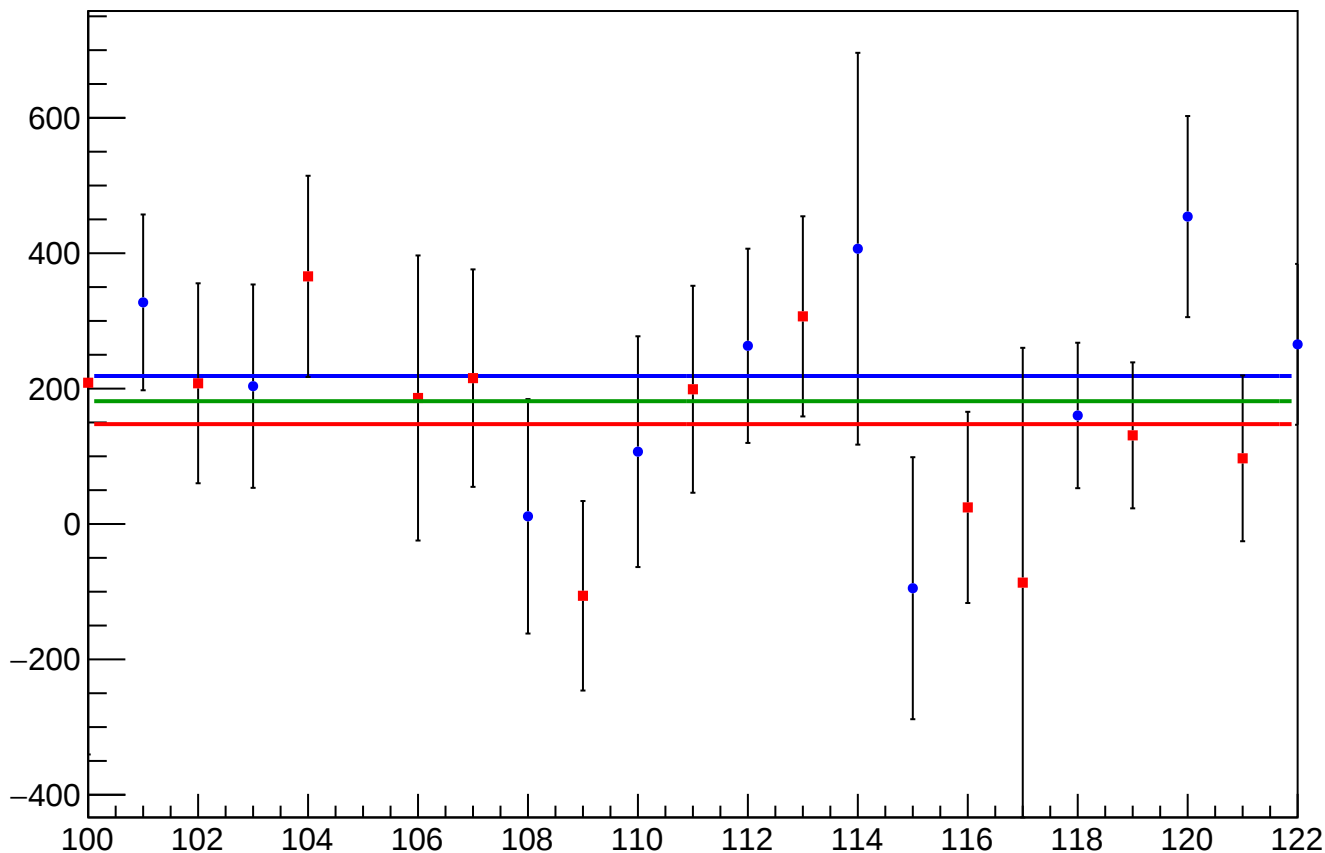
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

453.063+/-0.171 χ^2/NDF : 572744.0/9

442.659+/-0.114 χ^2/NDF : 1182136.0/21

434.366+/-0.153 χ^2/NDF : 602778.4/11

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 218.645+/-46.554 χ^2/NDF : 8.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.541+/-44.436 χ^2/NDF : 8.5/11

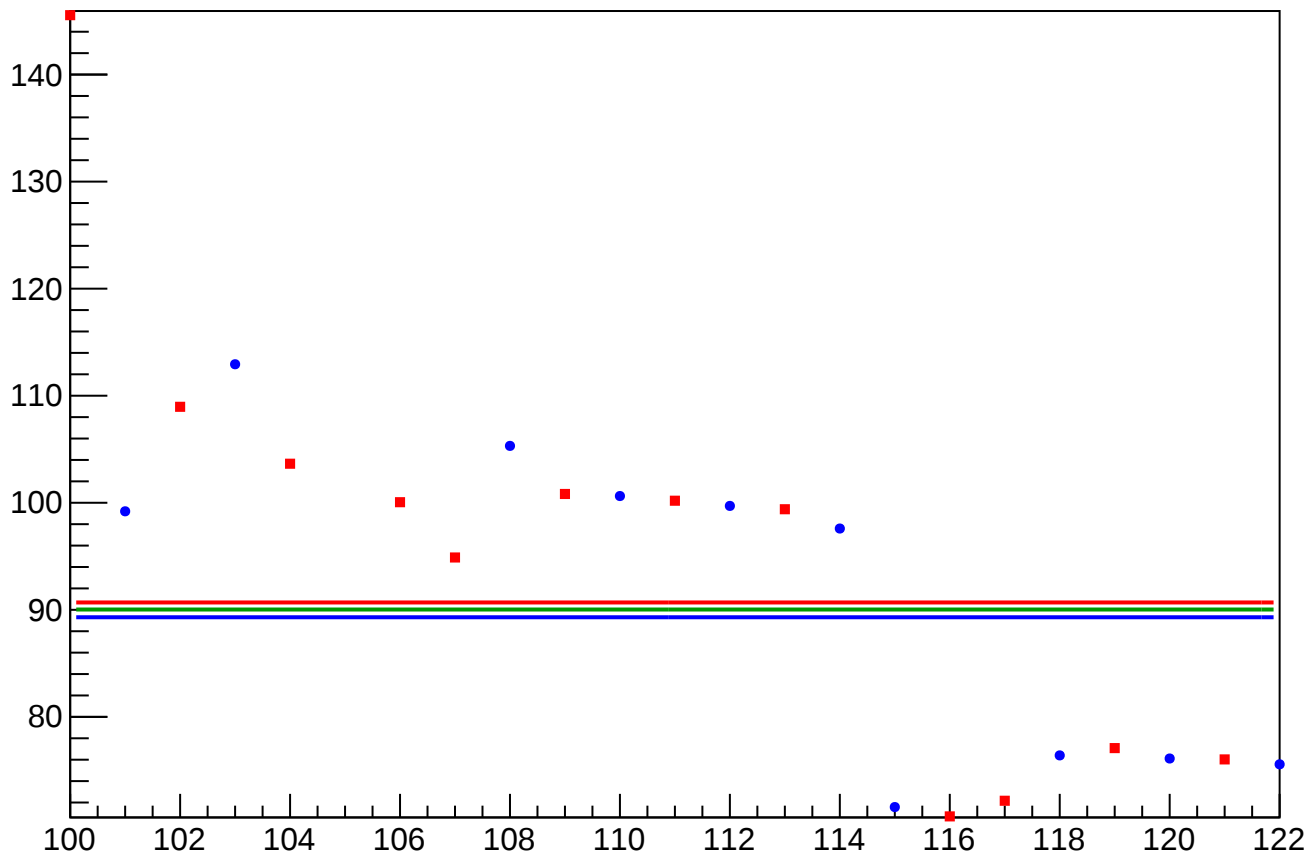
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

218.645+/-46.554 χ^2/NDF : 8.7/9

181.439+/-32.144 χ^2/NDF : 18.4/21

147.541+/-44.436 χ^2/NDF : 8.5/11

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 89.305+/-0.033 χ^2/NDF : 187338.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.687+/-0.031 χ^2/NDF : 202505.9/11

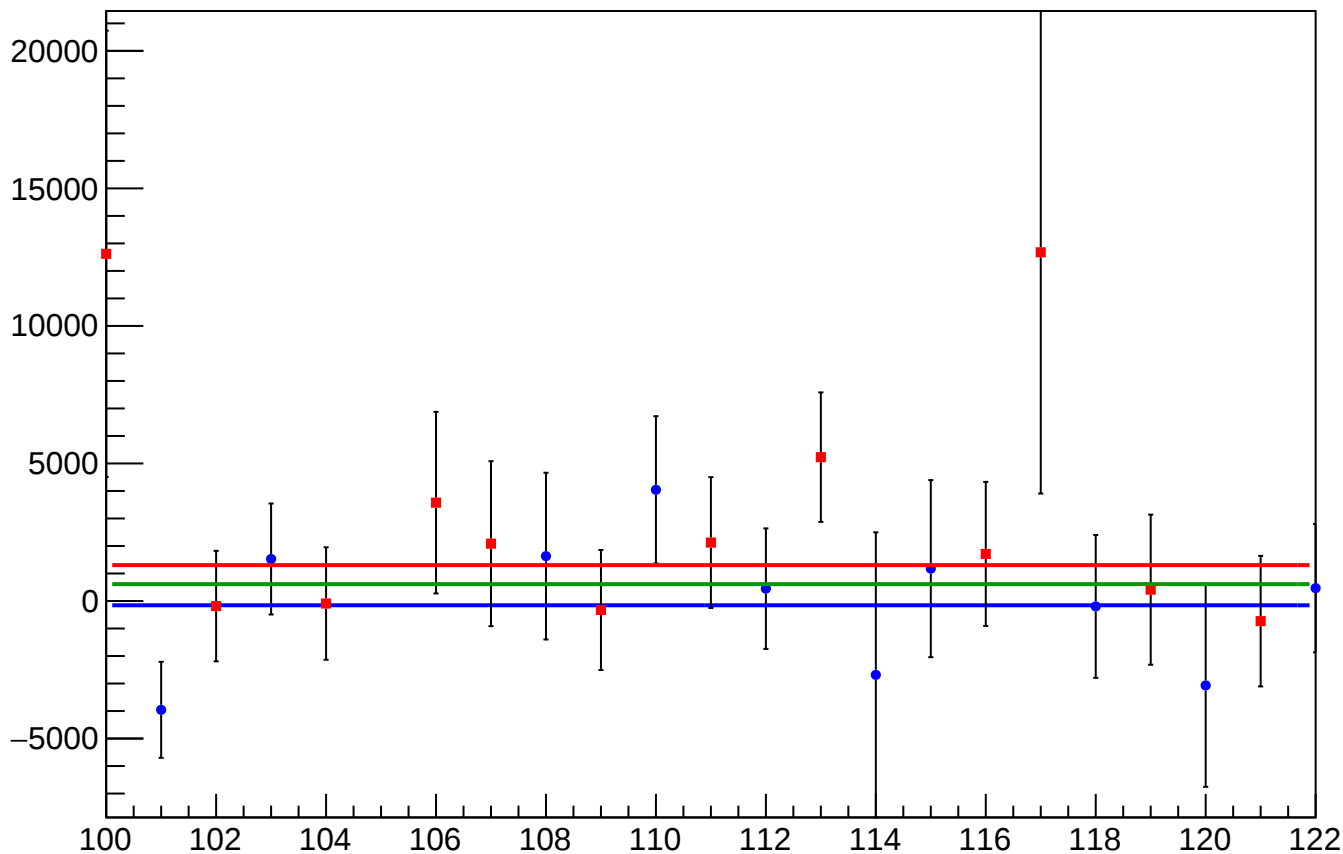
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

89.305+/-0.033 χ^2/NDF : 187338.9/9

90.028+/-0.023 χ^2/NDF : 390767.5/21

90.687+/-0.031 χ^2/NDF : 202505.9/11

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -155.513+/-798.144 χ^2/NDF : 9.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1304.493+/-757.406 χ^2/NDF : 9.5/11

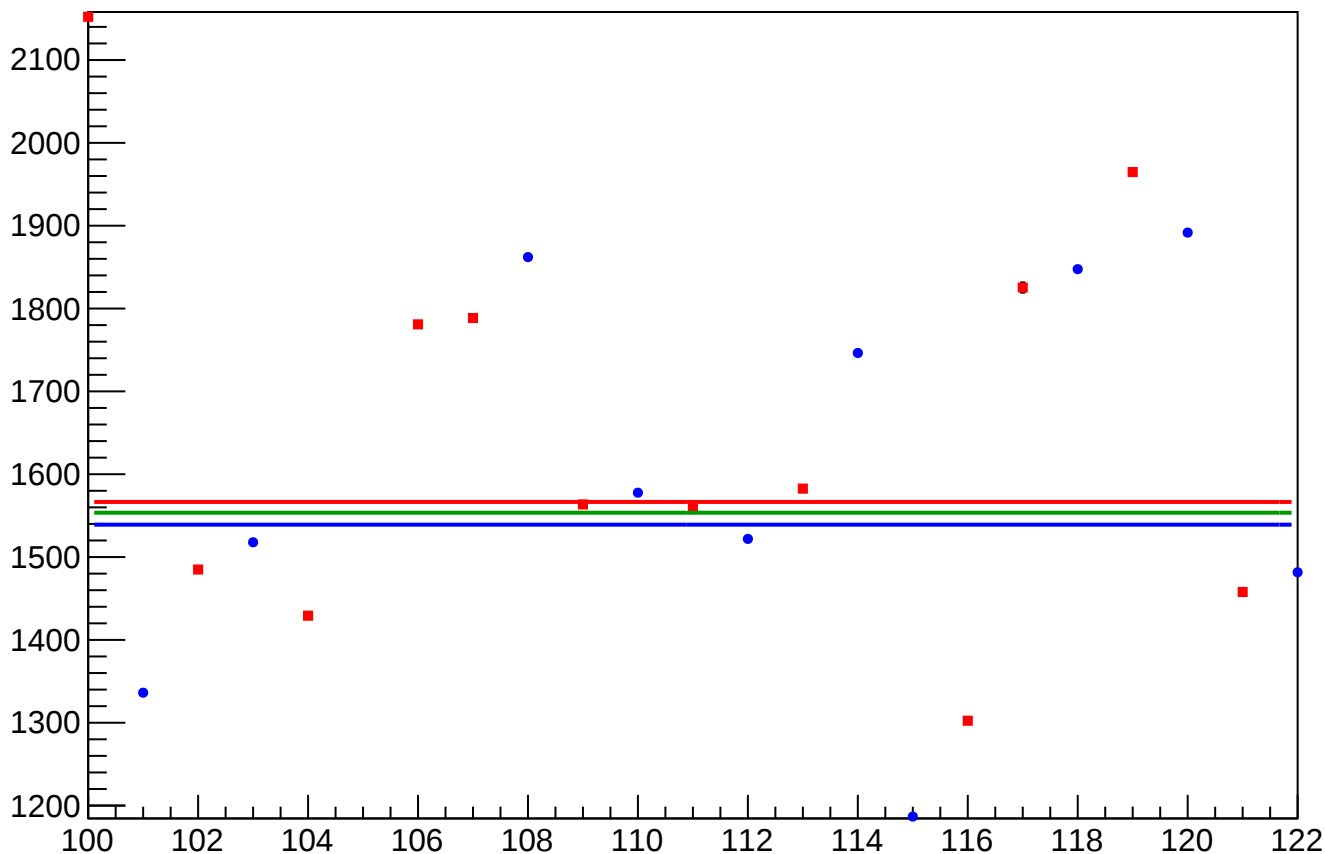
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-155.513+/-798.144 χ^2/NDF : 9.4/9

612.699+/-549.404 χ^2/NDF : 20.7/21

1304.493+/-757.406 χ^2/NDF : 9.5/11

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1539.092 $\pm$ 0.564 χ^2 /NDF: 125348.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1566.533 $\pm$ 0.536 χ^2 /NDF: 111121.3/11

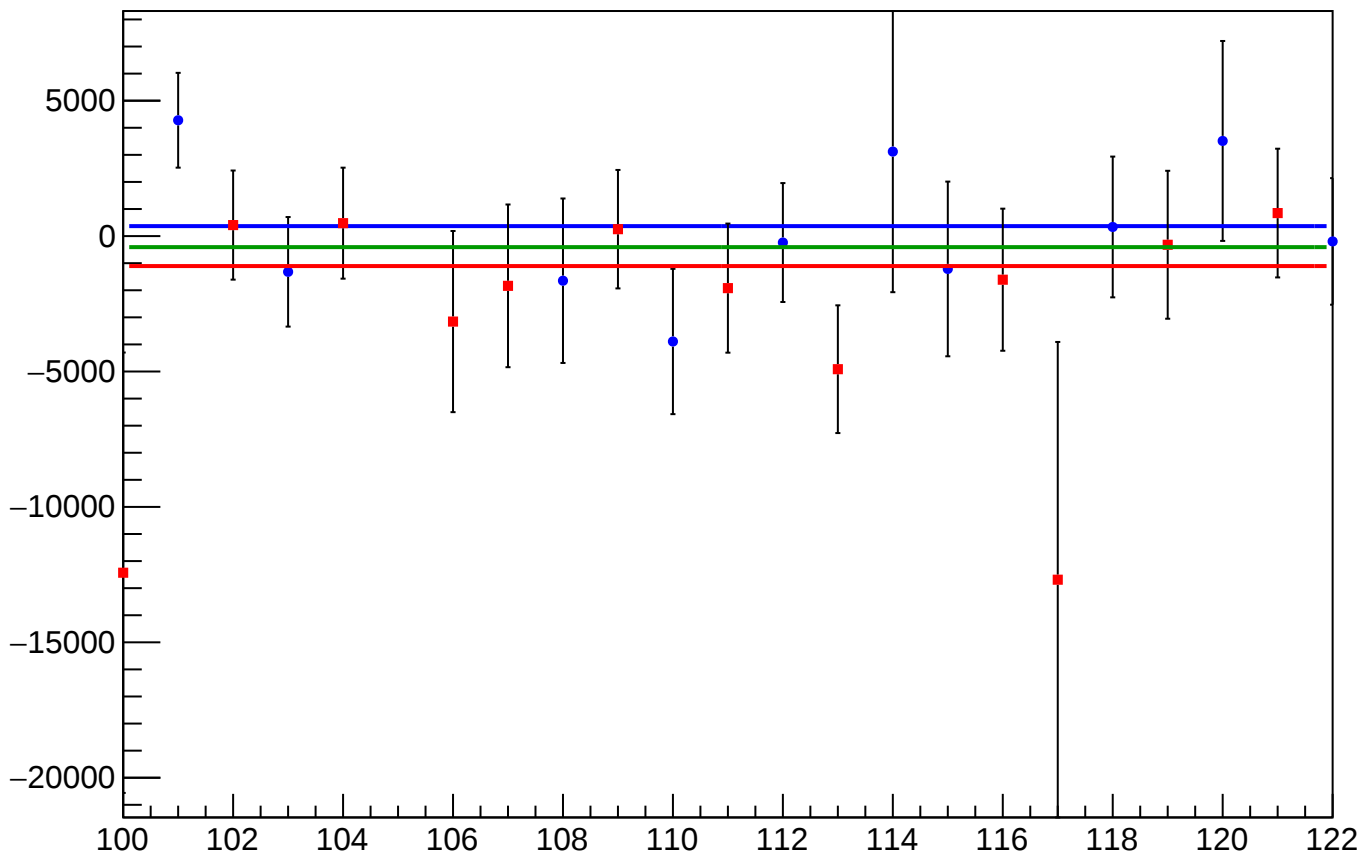
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1539.092 $\pm$ 0.564 χ^2 /NDF: 125348.1/9

1553.531 $\pm$ 0.388 χ^2 /NDF: 237713.3/21

1566.533 $\pm$ 0.536 χ^2 /NDF: 111121.3/11

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 368.400+/-799.783 χ^2/NDF : 10.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1106.592+/-759.375 χ^2/NDF : 9.2/11

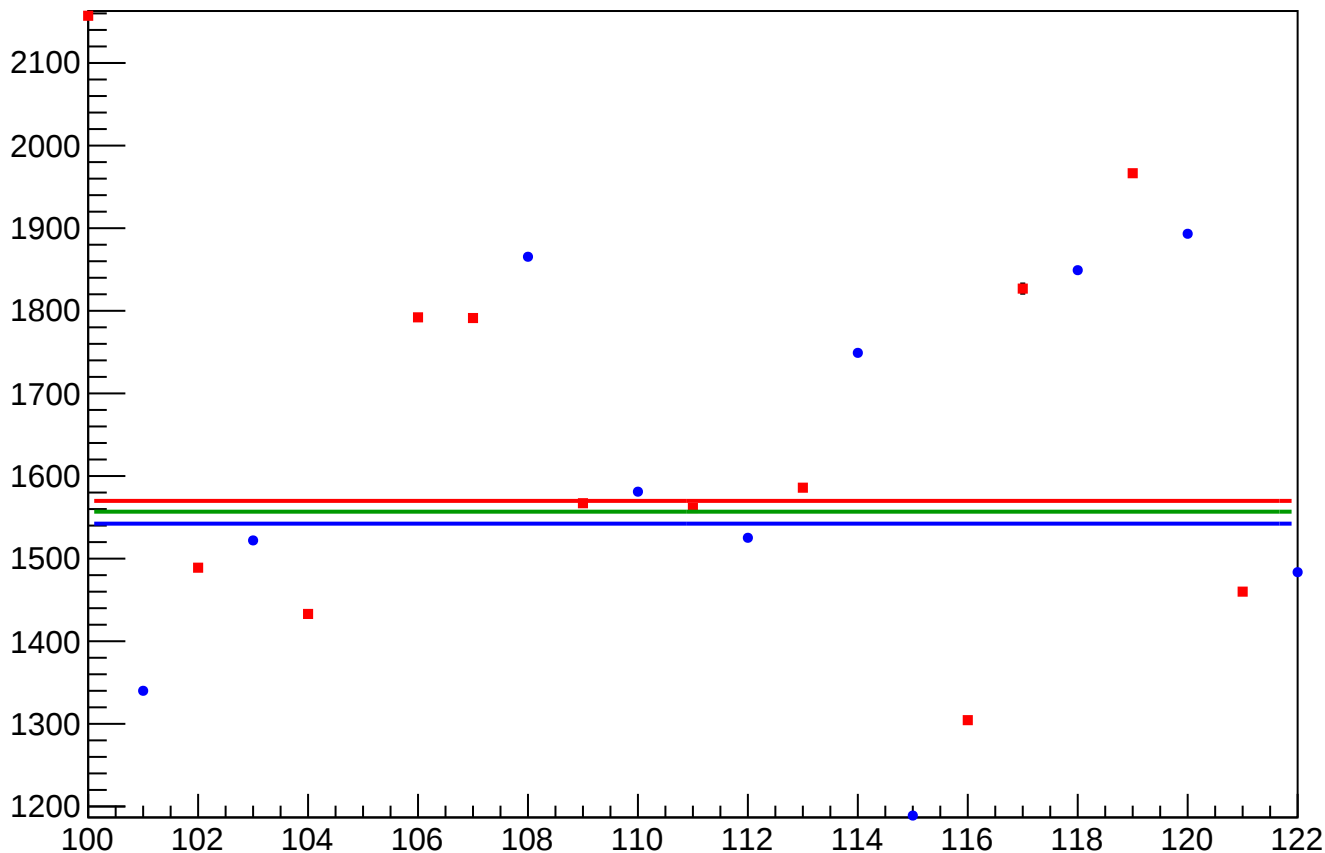
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

368.400+/-799.783 χ^2/NDF : 10.0/9

-407.297+/-550.690 χ^2/NDF : 21.0/21

-1106.592+/-759.375 χ^2/NDF : 9.2/11

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1542.351+/-0.566 χ^2/NDF : 124500.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1569.901+/-0.537 χ^2/NDF : 111023.9/11

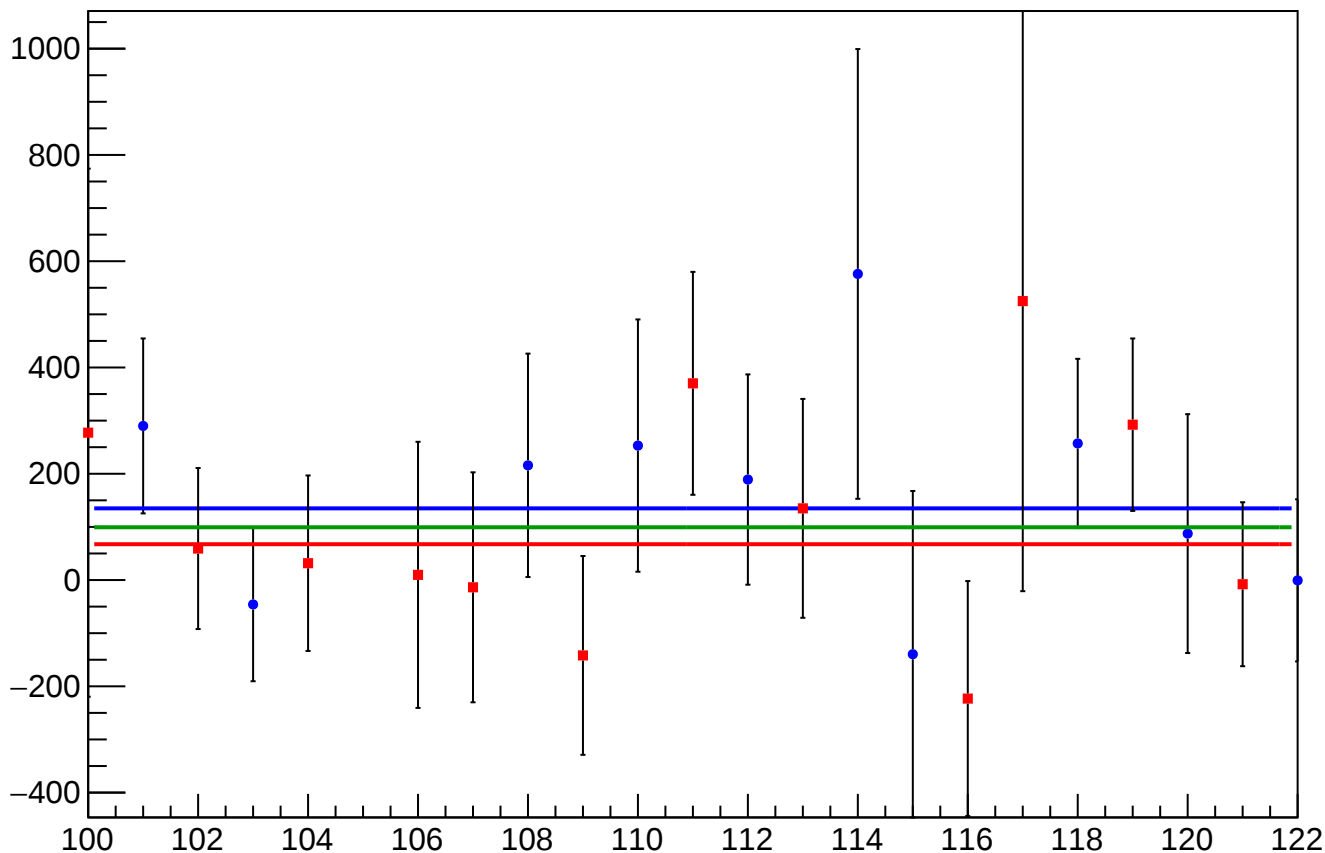
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1542.351+/-0.566 χ^2/NDF : 124500.4/9

1556.840+/-0.389 χ^2/NDF : 236772.4/21

1569.901+/-0.537 χ^2/NDF : 111023.9/11

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 134.884 $\pm$ 60.964 χ^2 /NDF: 6.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 67.417 $\pm$ 57.710 χ^2 /NDF: 8.5/11

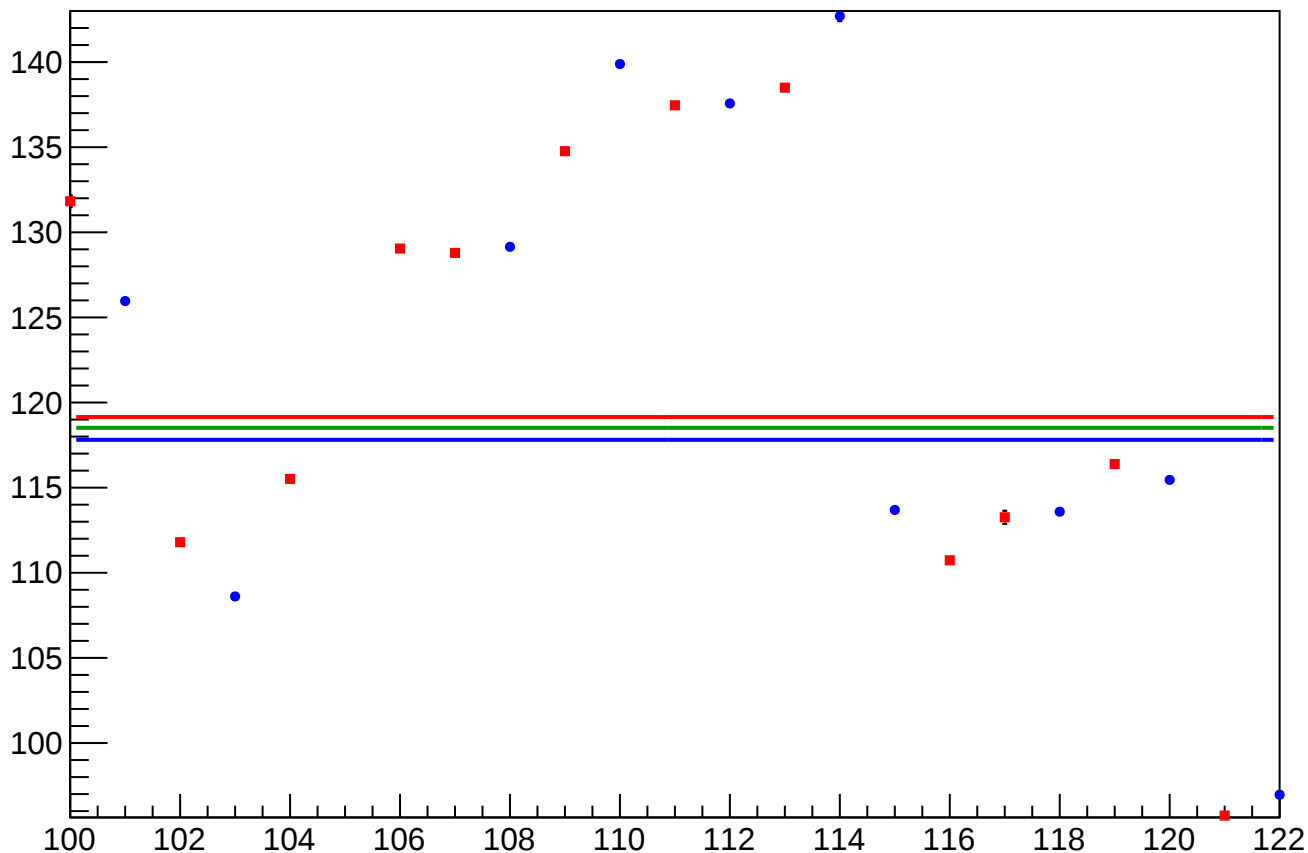
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

134.884 $\pm$ 60.964 χ^2 /NDF: 6.2/9

99.302 $\pm$ 41.910 χ^2 /NDF: 15.3/21

67.417 $\pm$ 57.710 χ^2 /NDF: 8.5/11

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 117.810+/-0.043 χ^2/NDF : 102305.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.148+/-0.041 χ^2/NDF : 110672.5/11

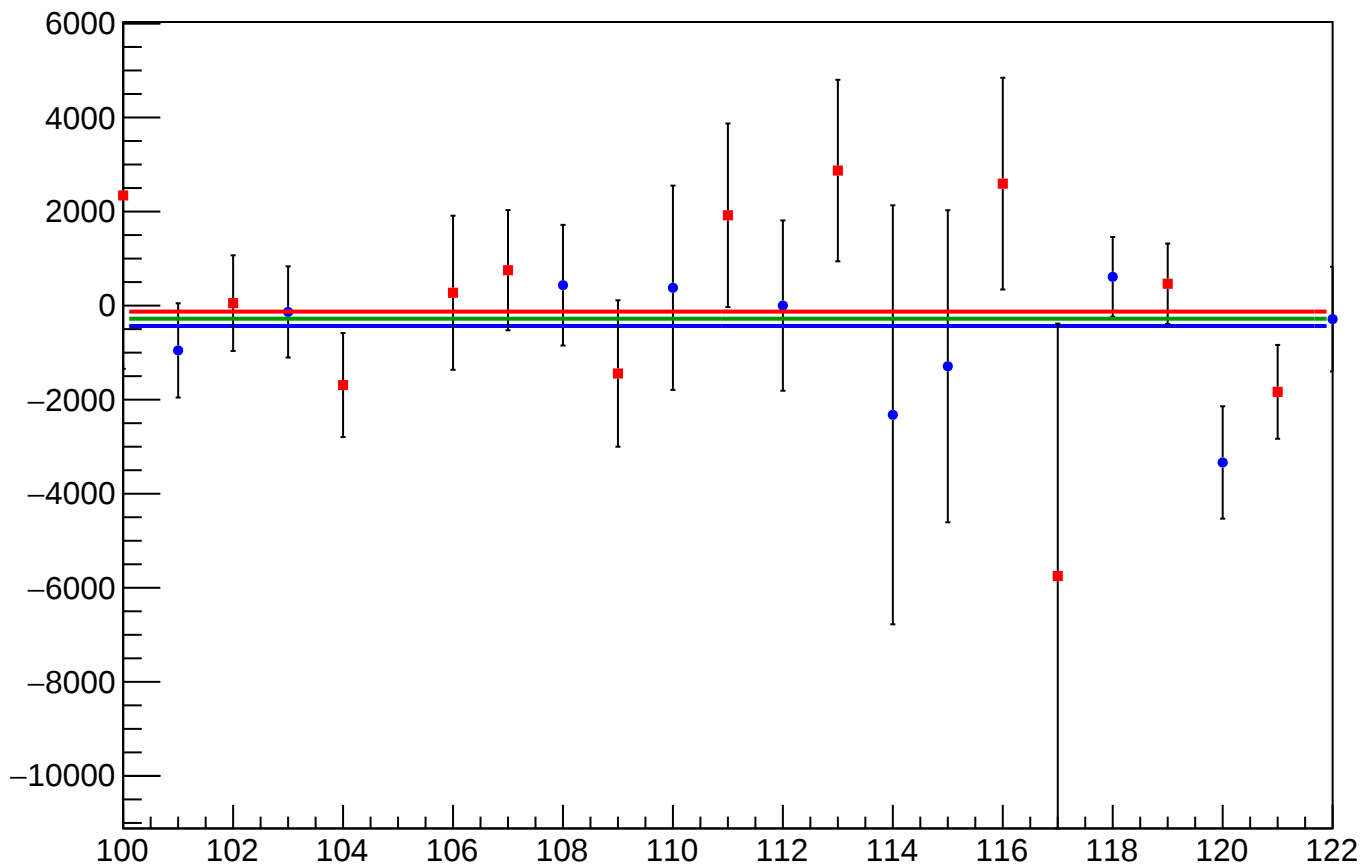
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

117.810+/-0.043 χ^2/NDF : 102305.3/9

118.516+/-0.030 χ^2/NDF : 213485.5/21

119.148+/-0.041 χ^2/NDF : 110672.5/11

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -433.383+/-400.756 χ^2/NDF : 8.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -127.071+/-395.591 χ^2/NDF : 13.2/11

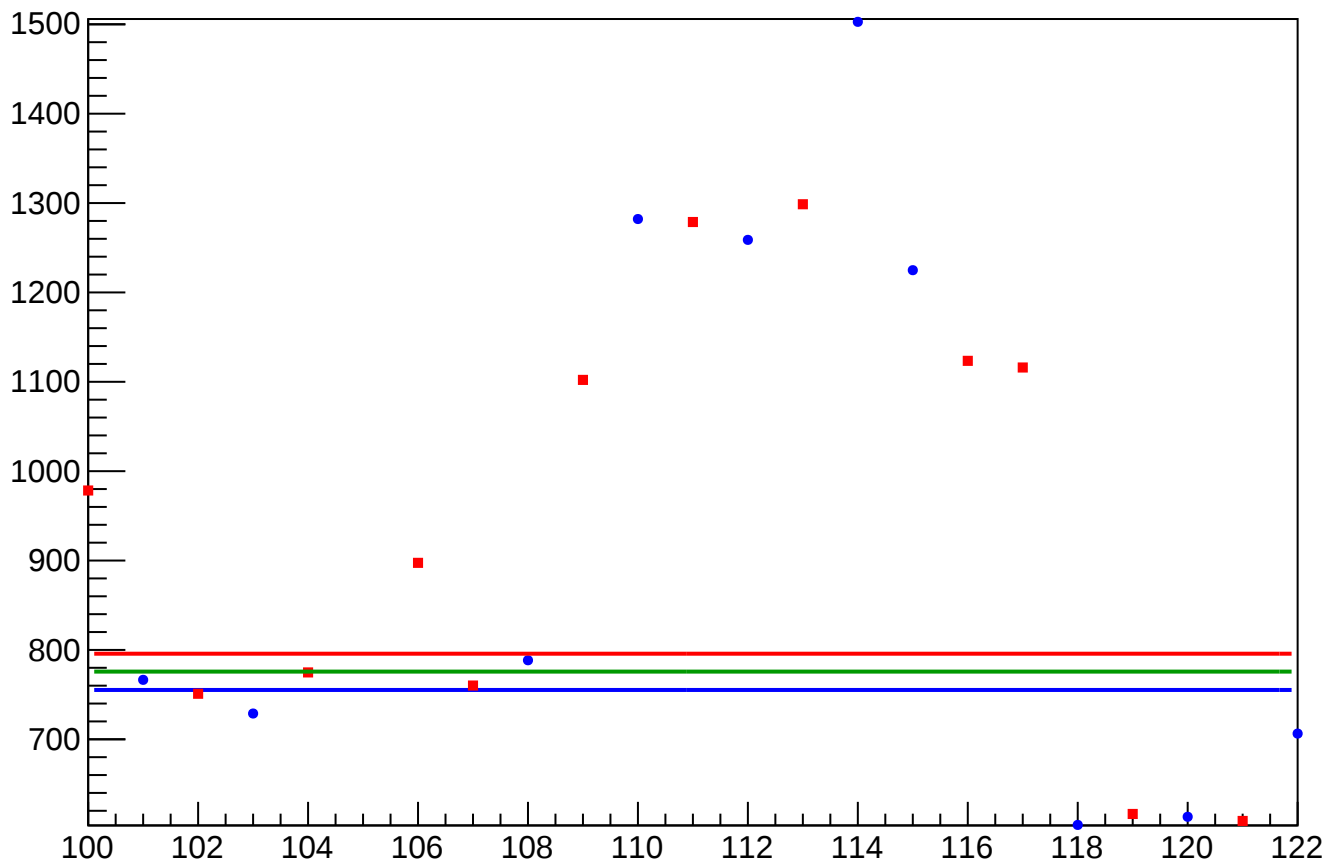
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-433.383+/-400.756 χ^2/NDF : 8.7/9

-278.240+/-281.533 χ^2/NDF : 22.2/21

-127.071+/-395.591 χ^2/NDF : 13.2/11

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 755.200+/-0.283 χ^2/NDF : 467437.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 795.765+/-0.280 χ^2/NDF : 562209.7/11

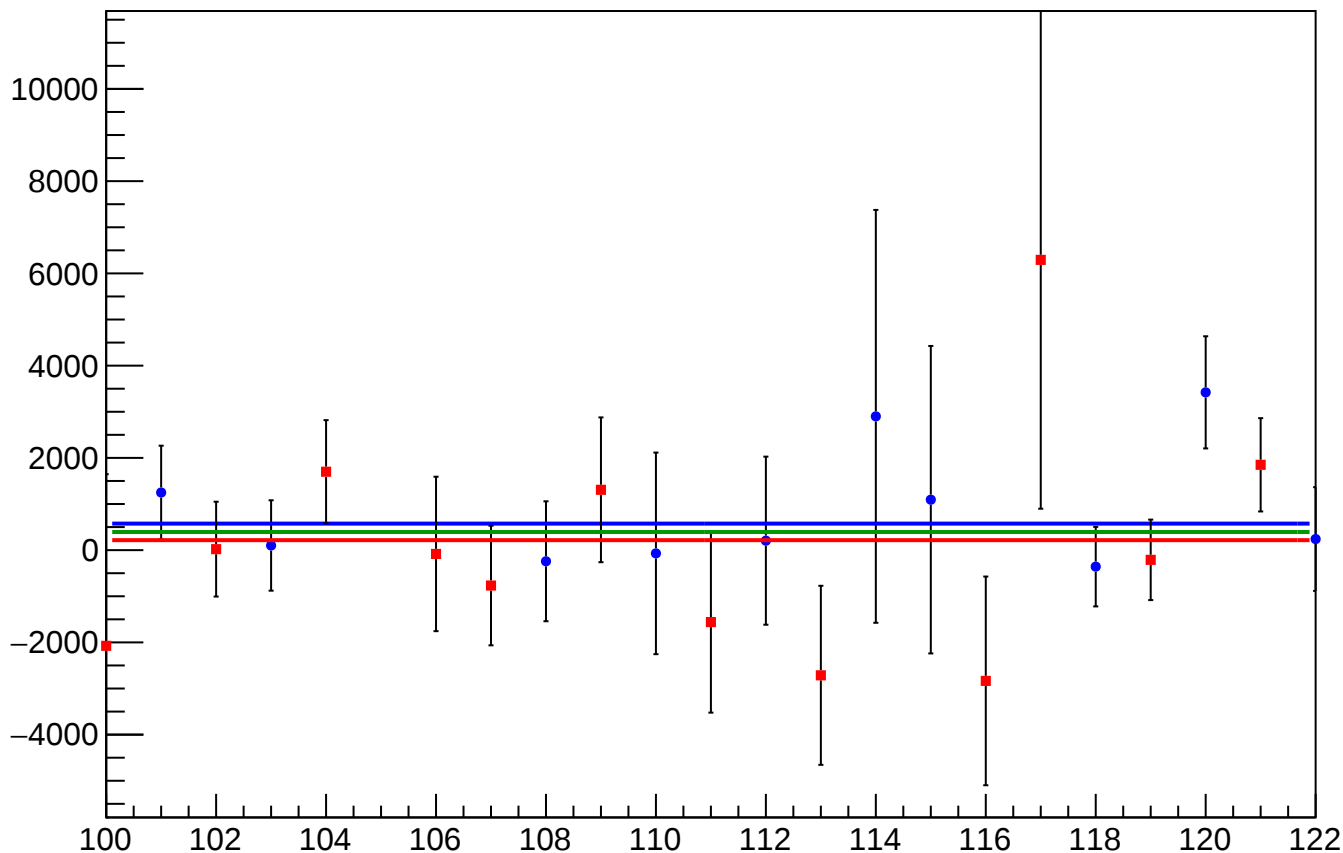
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

755.200+/-0.283 χ^2/NDF : 467437.9/9

775.746+/-0.199 χ^2/NDF : 1040026.2/21

795.765+/-0.280 χ^2/NDF : 562209.7/11

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 575.243+/-406.042 χ^2/NDF : 8.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 216.336+/-400.900 χ^2/NDF : 12.3/11

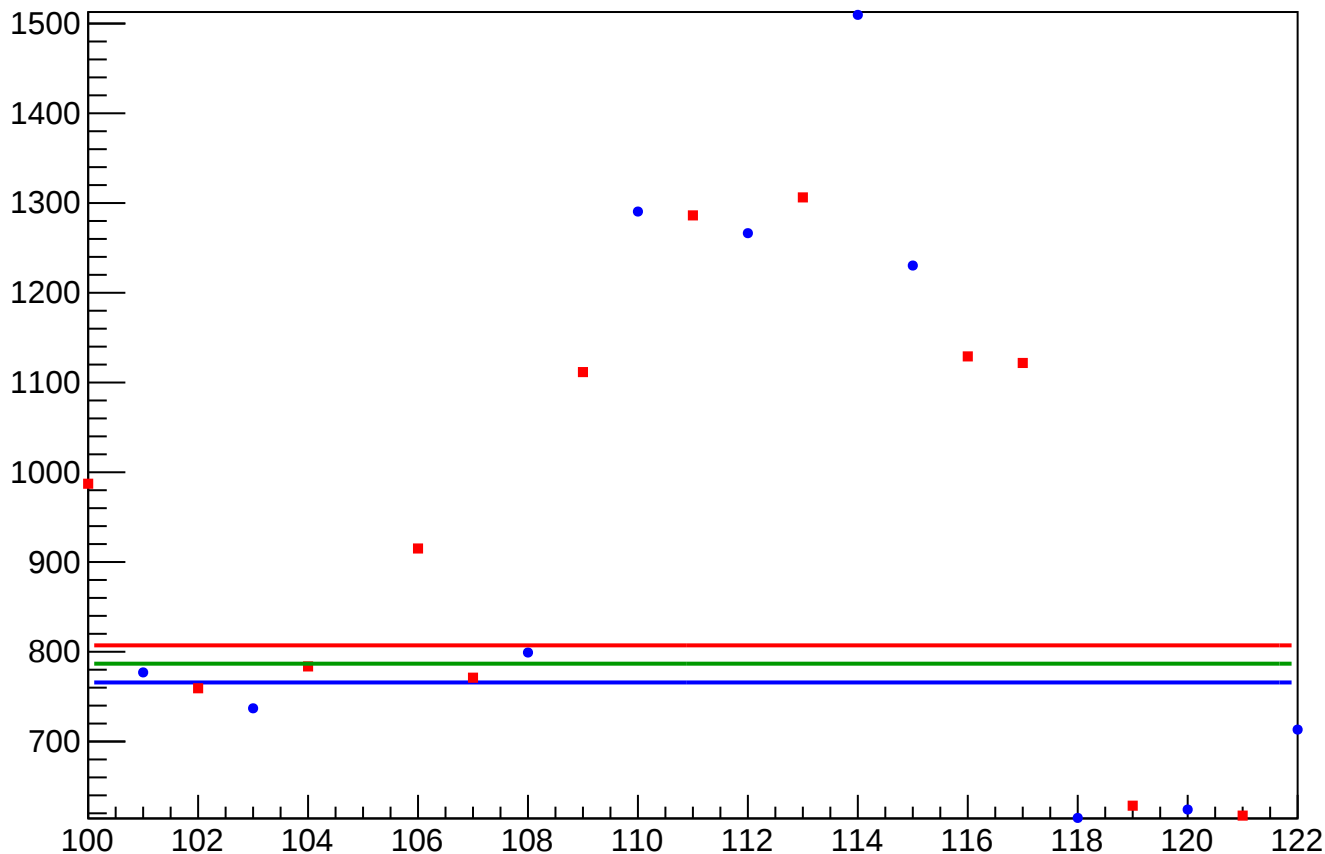
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

575.243+/-406.042 χ^2/NDF : 8.2/9

393.503+/-285.280 χ^2/NDF : 20.9/21

216.336+/-400.900 χ^2/NDF : 12.3/11

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 765.793+/-0.287 χ^2/NDF : 456427.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 807.129+/-0.283 χ^2/NDF : 547924.3/11

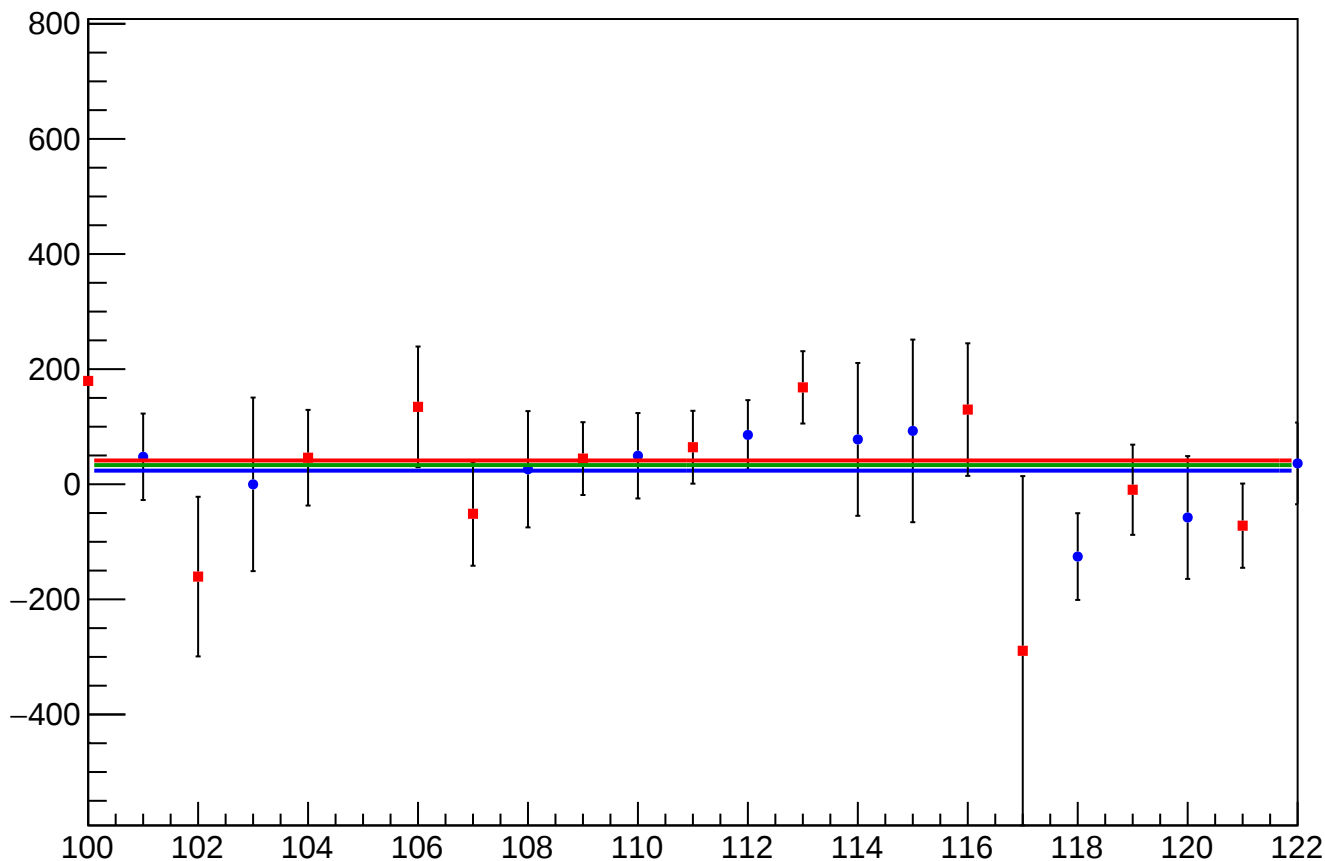
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

765.793+/-0.287 χ^2/NDF : 456427.7/9

786.724+/-0.202 χ^2/NDF : 1014847.3/21

807.129+/-0.283 χ^2/NDF : 547924.3/11

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 23.650+/-27.383 χ^2/NDF : 6.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.314+/-24.988 χ^2/NDF : 12.8/11

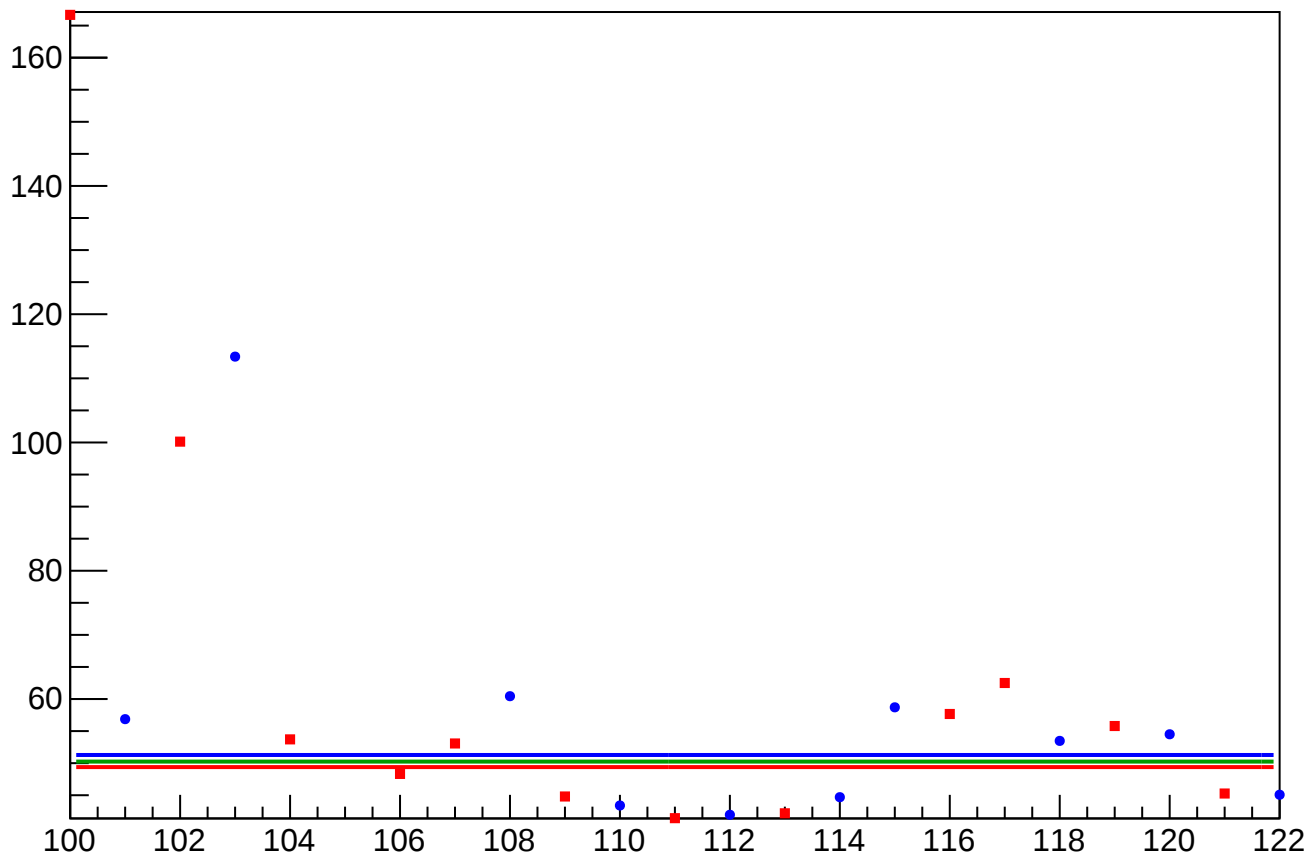
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

23.650+/-27.383 χ^2/NDF : 6.2/9

33.288+/-18.458 χ^2/NDF : 19.3/21

41.314+/-24.988 χ^2/NDF : 12.8/11

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 51.275+/-0.019 χ^2/NDF : 465134.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.387+/-0.018 χ^2/NDF : 448525.3/11

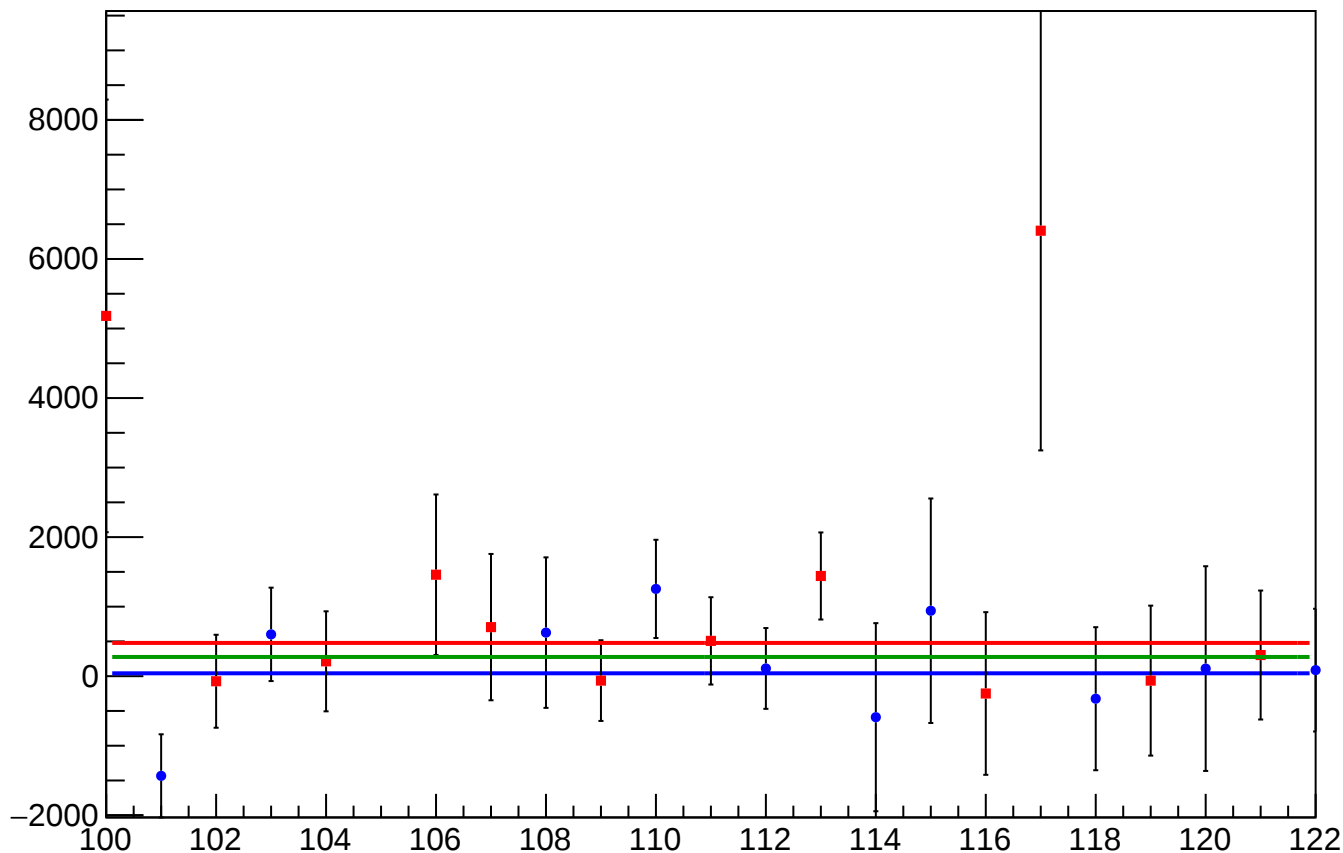
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

51.275+/-0.019 χ^2/NDF : 465134.6/9

50.244+/-0.013 χ^2/NDF : 918848.0/21

49.387+/-0.018 χ^2/NDF : 448525.3/11

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: 41.387+/-263.058 χ^2/NDF : 10.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 478.184+/-243.702 χ^2/NDF : 11.3/11

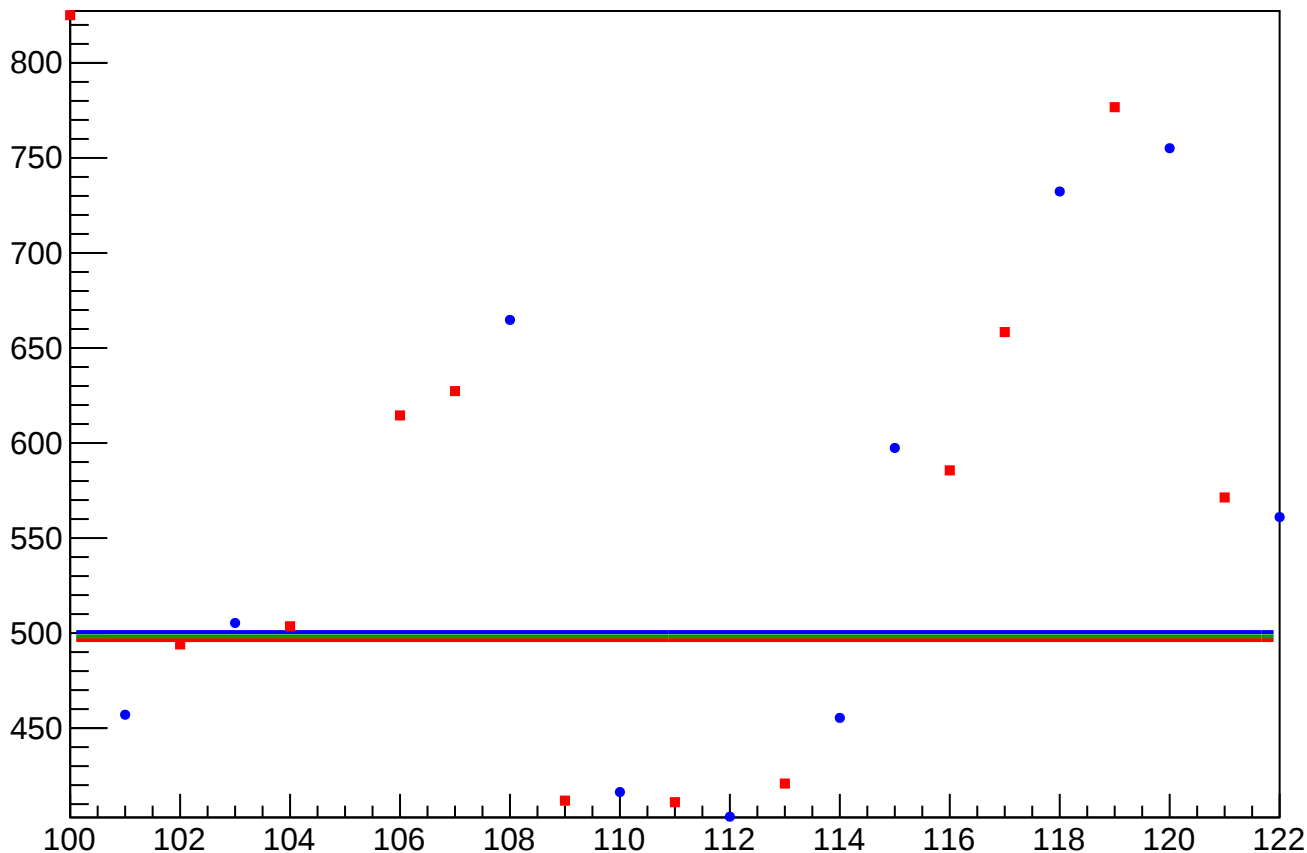
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

41.387+/-263.058 χ^2/NDF : 10.7/9

276.445+/-178.775 χ^2/NDF : 23.5/21

478.184+/-243.702 χ^2/NDF : 11.3/11

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 500.514+/-0.186 χ^2/NDF : 321252.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 496.327+/-0.172 χ^2/NDF : 348155.0/11

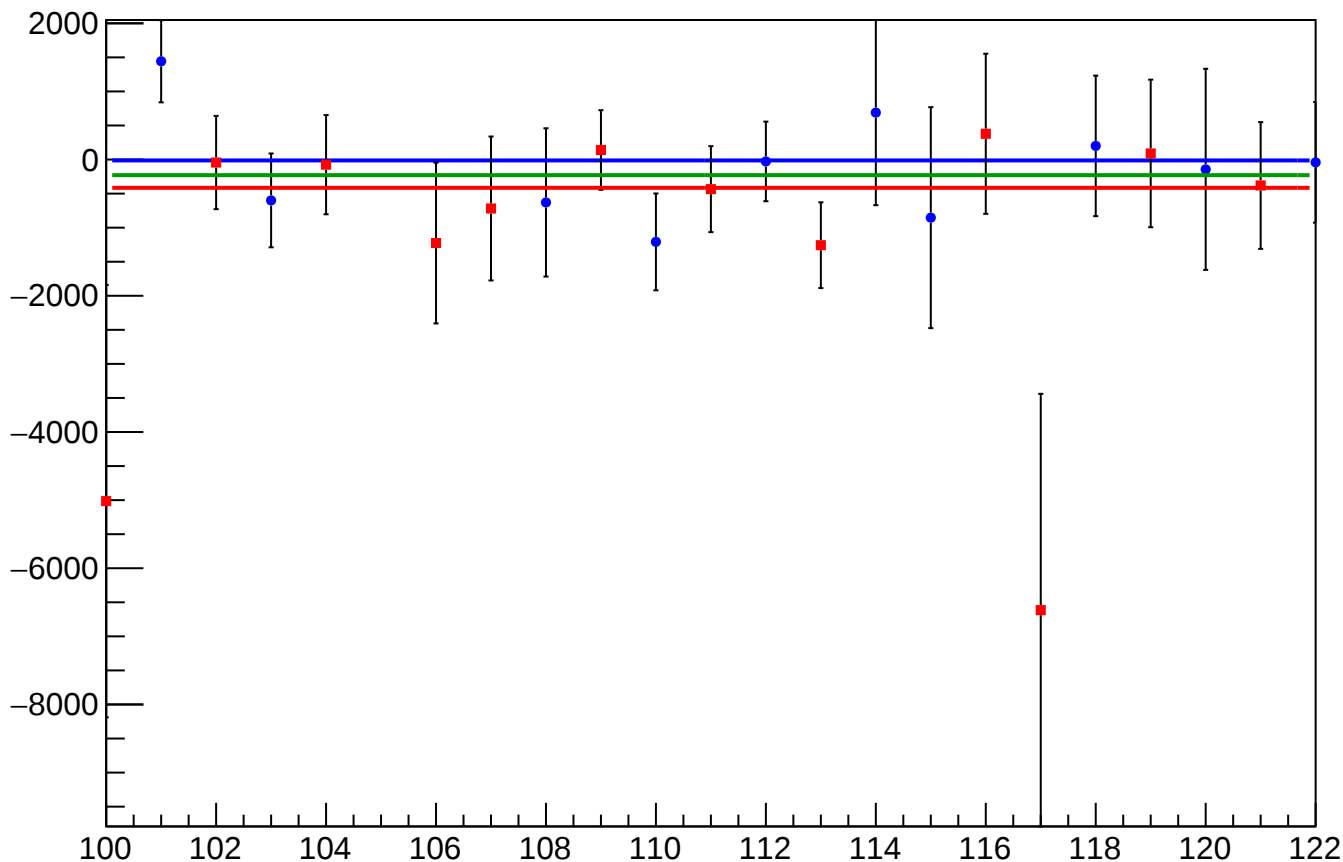
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

500.514+/-0.186 χ^2/NDF : 321252.8/9

498.261+/-0.126 χ^2/NDF : 669680.6/21

496.327+/-0.172 χ^2/NDF : 348155.0/11

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -12.994+/-265.329 χ^2/NDF : 10.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -414.874+/-246.000 χ^2/NDF : 10.3/11

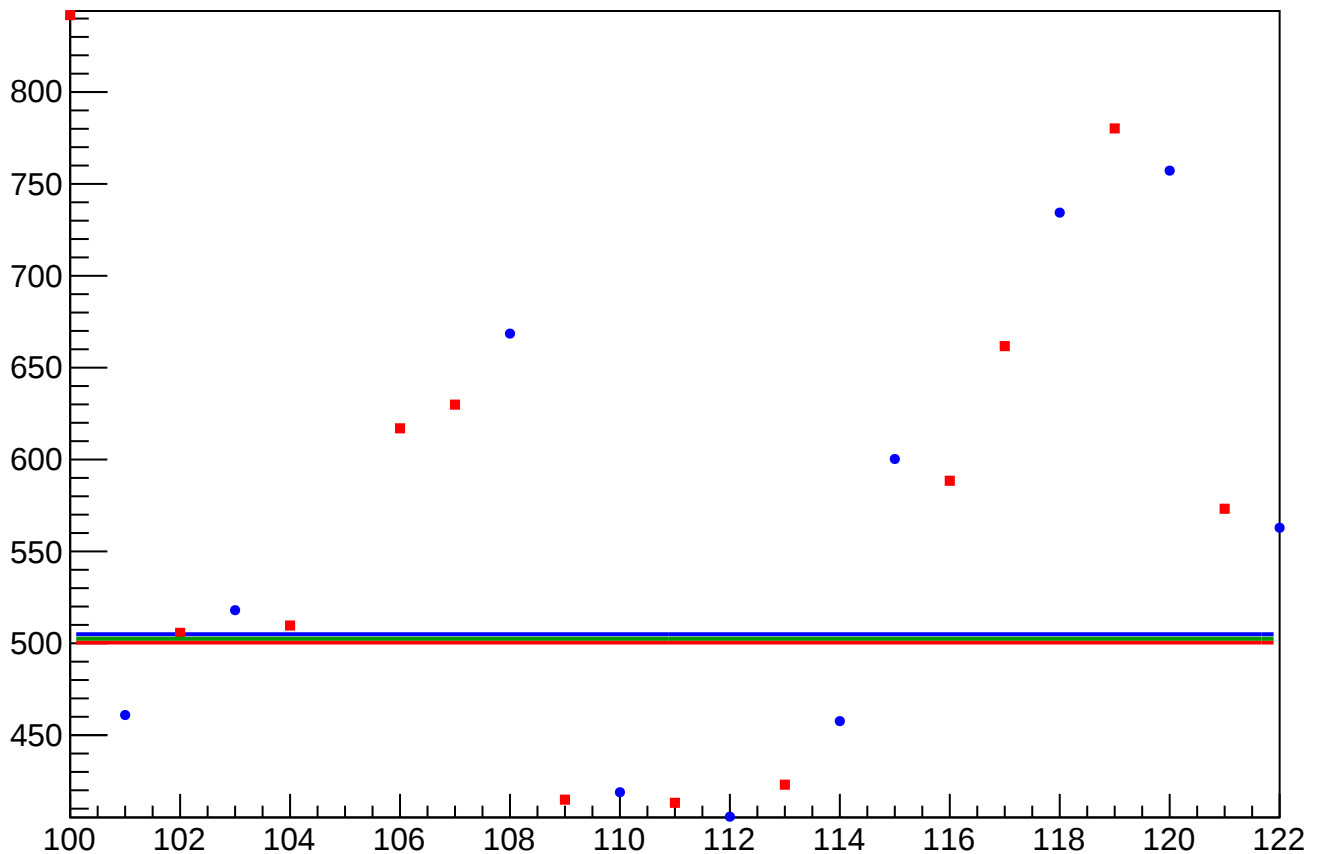
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-12.994+/-265.329 χ^2/NDF : 10.3/9

-229.105+/-180.395 χ^2/NDF : 21.9/21

-414.874+/-246.000 χ^2/NDF : 10.3/11

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 504.921+/-0.188 χ^2/NDF : 318864.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 500.416+/-0.174 χ^2/NDF : 346370.5/11

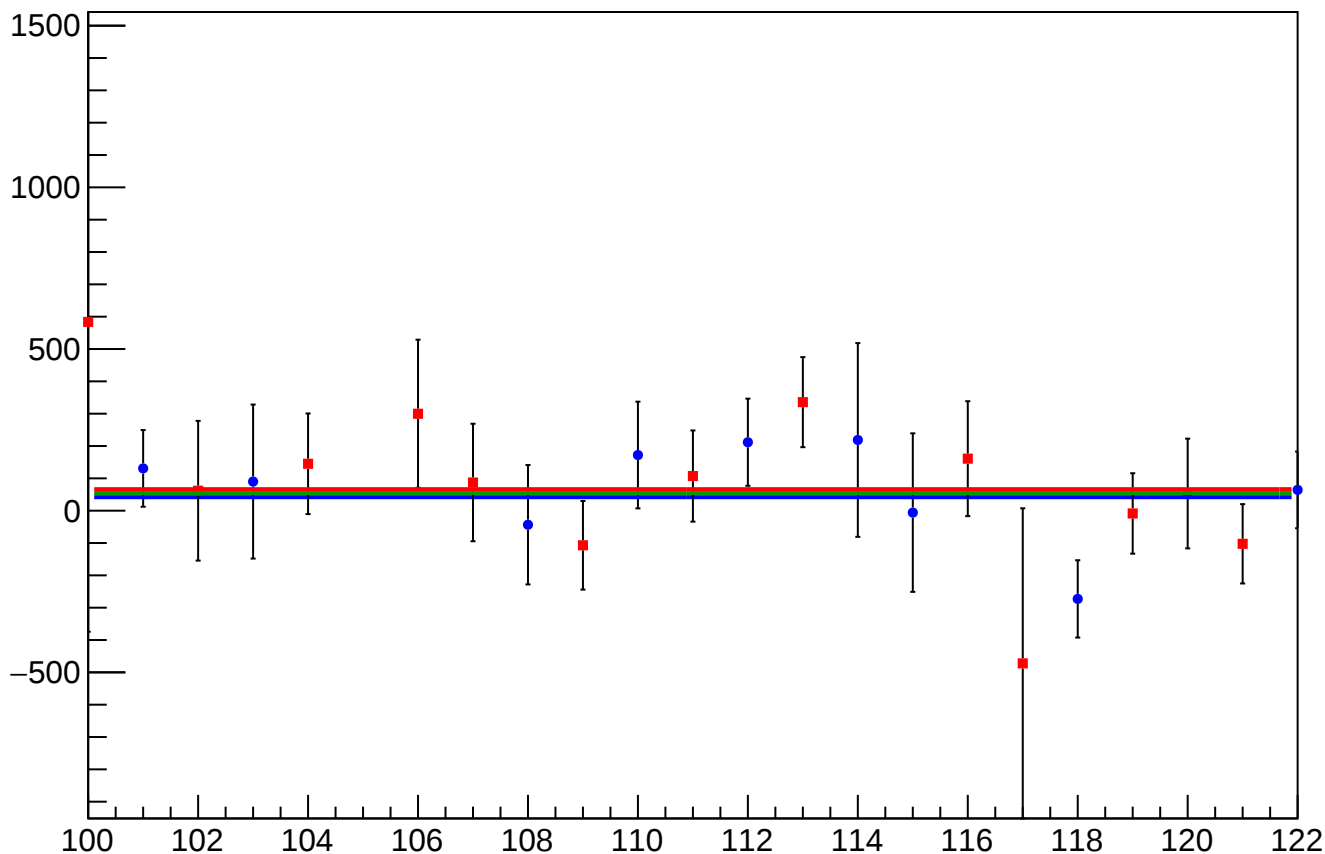
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

504.921+/-0.188 χ^2/NDF : 318864.3/9

502.498+/-0.128 χ^2/NDF : 665544.8/21

500.416+/-0.174 χ^2/NDF : 346370.5/11

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 41.740+/-49.185 χ^2/NDF : 10.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.548+/-47.926 χ^2/NDF : 10.8/11

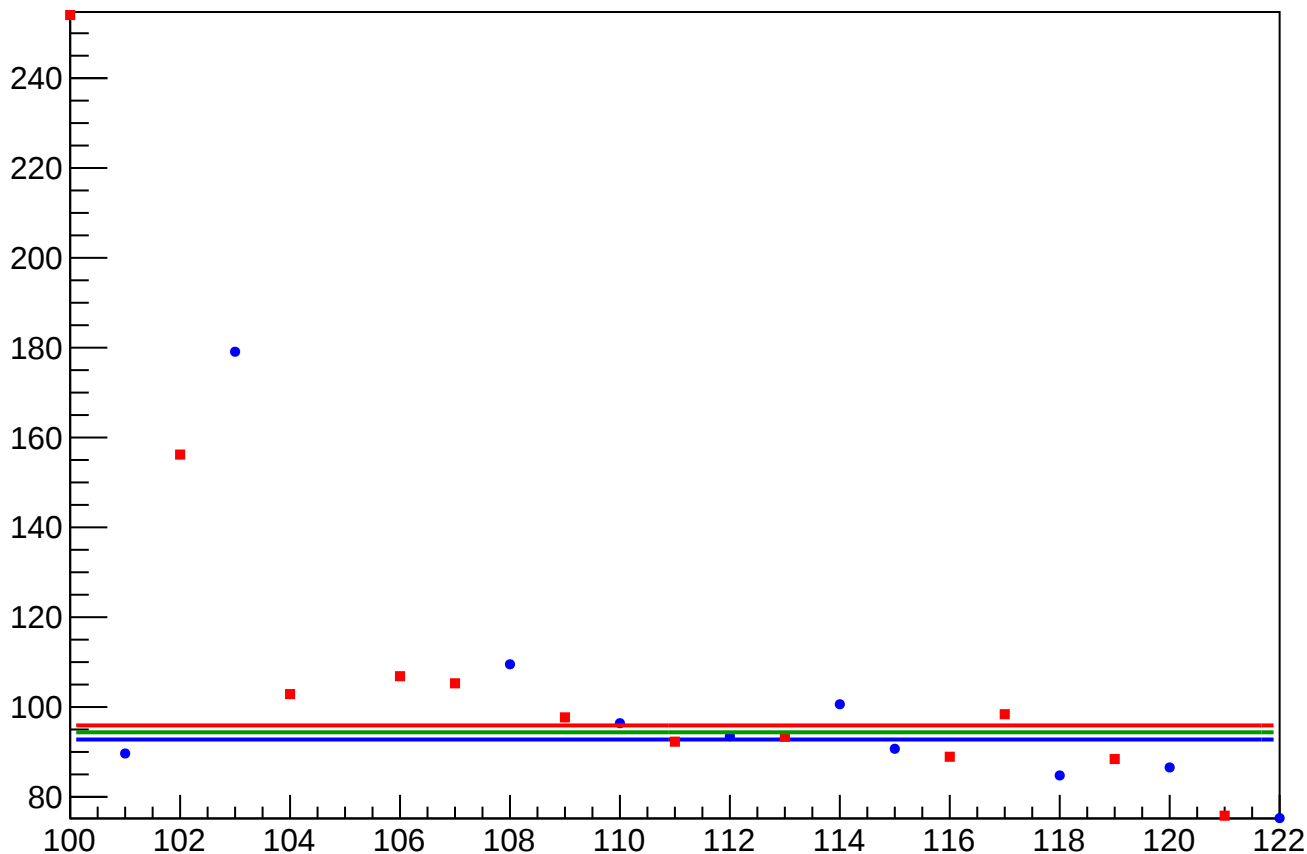
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

41.740+/-49.185 χ^2/NDF : 10.4/9

54.465+/-34.326 χ^2/NDF : 21.3/21

66.548+/-47.926 χ^2/NDF : 10.8/11

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 92.768+/-0.035 χ^2/NDF : 338208.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.903+/-0.034 χ^2/NDF : 290395.9/11

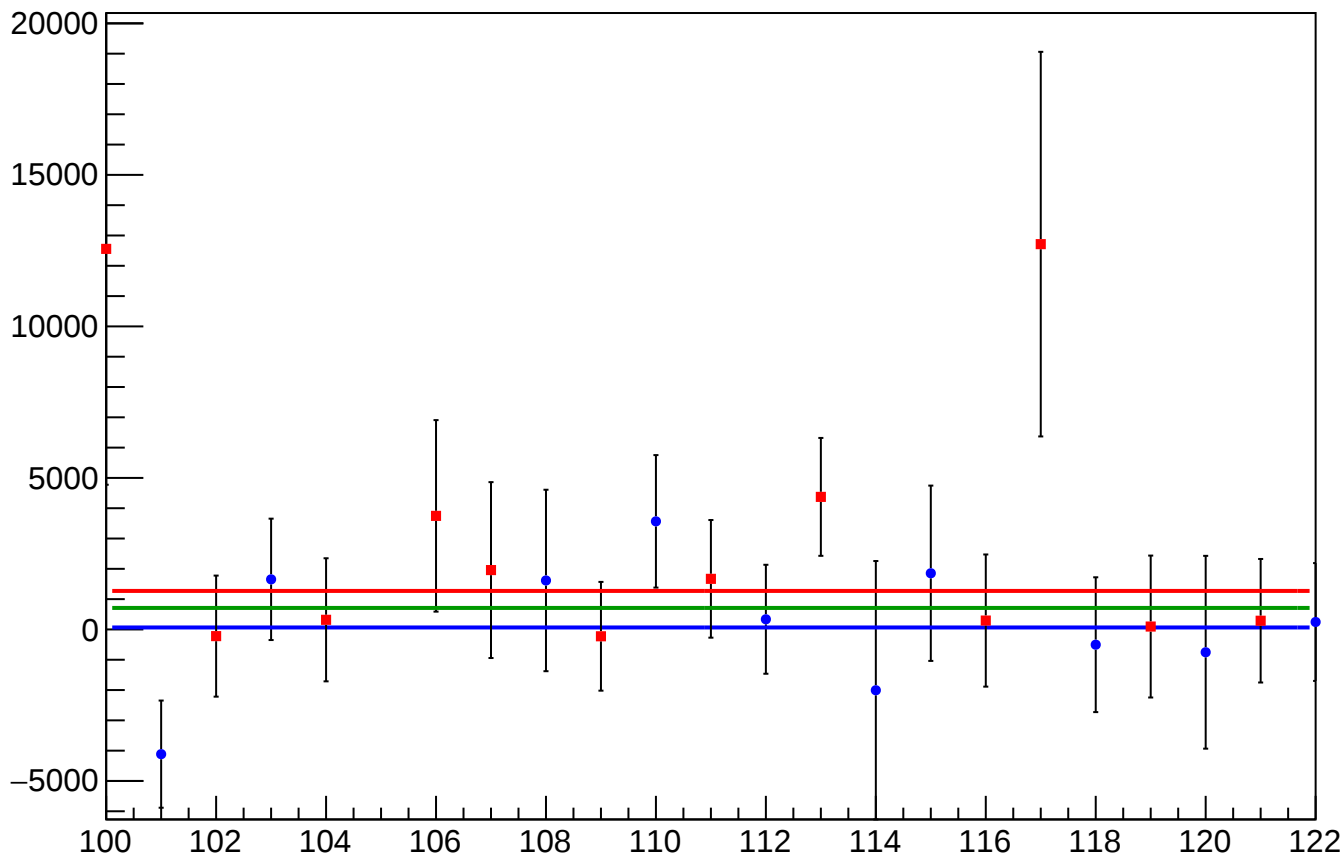
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

92.768+/-0.035 χ^2/NDF : 338208.2/9

94.376+/-0.024 χ^2/NDF : 632772.0/21

95.903+/-0.034 χ^2/NDF : 290395.9/11

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: 65.233+/-718.094 χ^2/NDF : 9.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1270.881+/-670.116 χ^2/NDF : 10.8/11

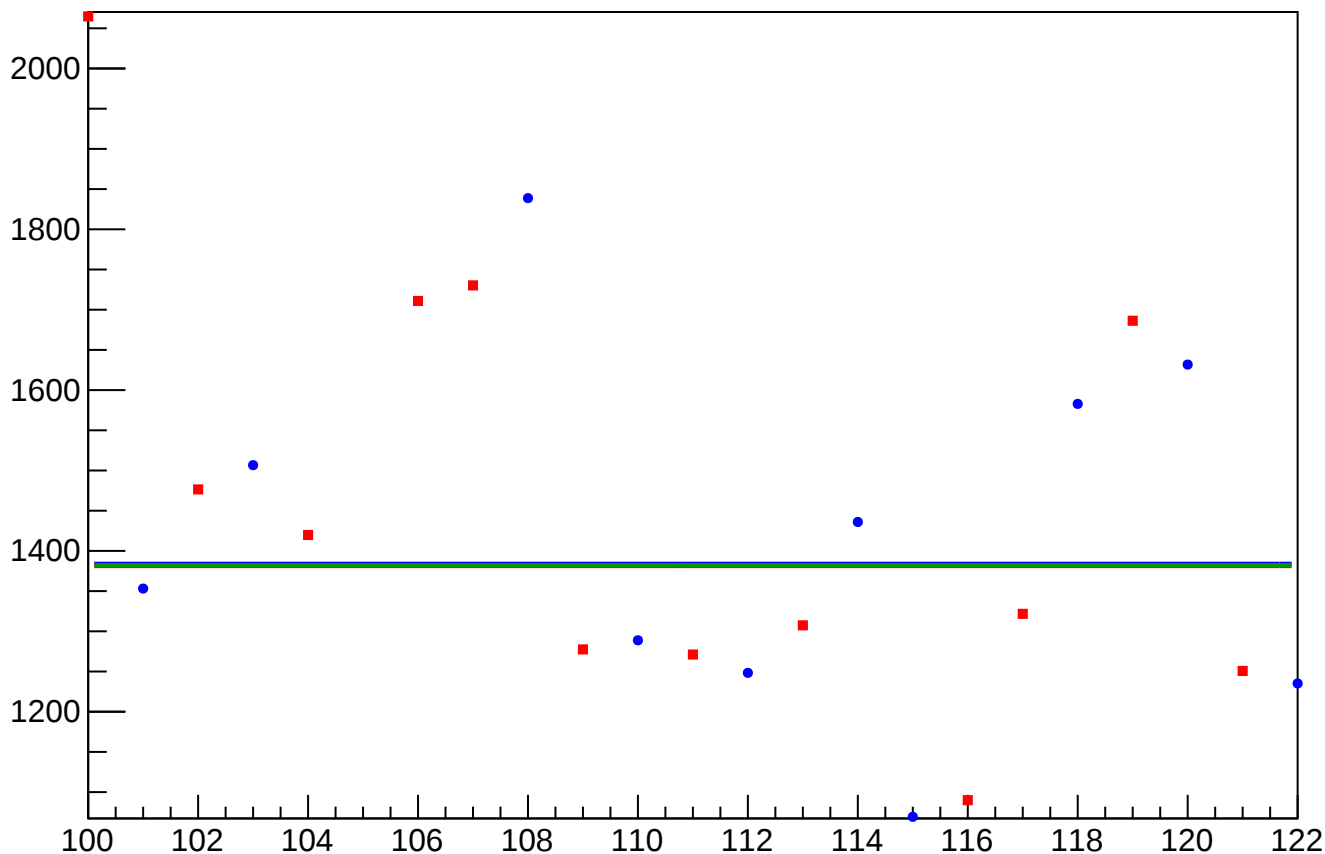
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

65.233+/-718.094 χ^2/NDF : 9.8/9

709.676+/-489.928 χ^2/NDF : 22.1/21

1270.881+/-670.116 χ^2/NDF : 10.8/11

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1384.056 $\pm$ 0.508 χ^2 /NDF: 133253.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1381.012 $\pm$ 0.474 χ^2 /NDF: 165369.7/11

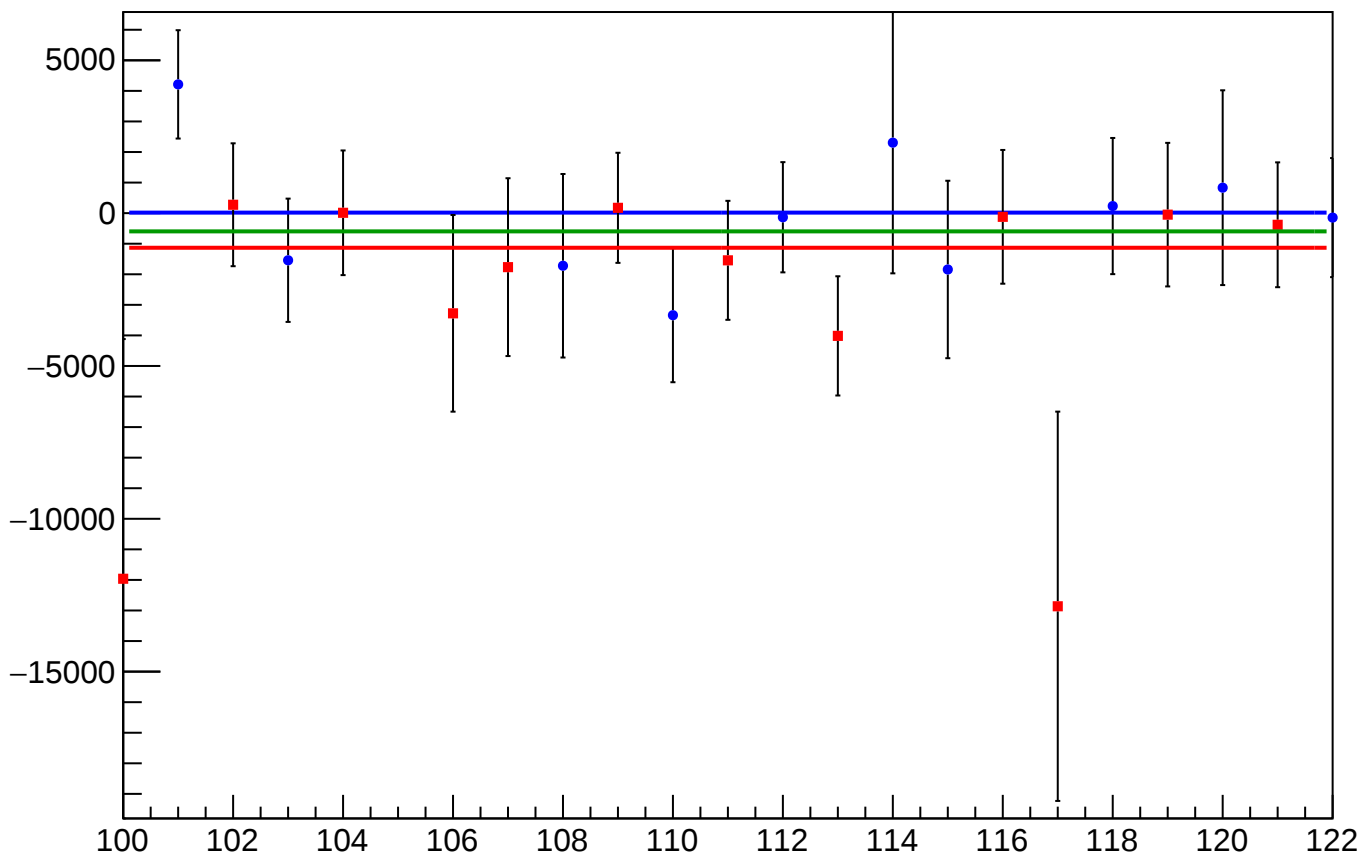
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1384.056 $\pm$ 0.508 χ^2 /NDF: 133253.7/9

1382.429 $\pm$ 0.346 χ^2 /NDF: 298642.6/21

1381.012 $\pm$ 0.474 χ^2 /NDF: 165369.7/11

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 17.454+/-720.298 χ^2/NDF : 9.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1132.324+/-672.854 χ^2/NDF : 9.9/11

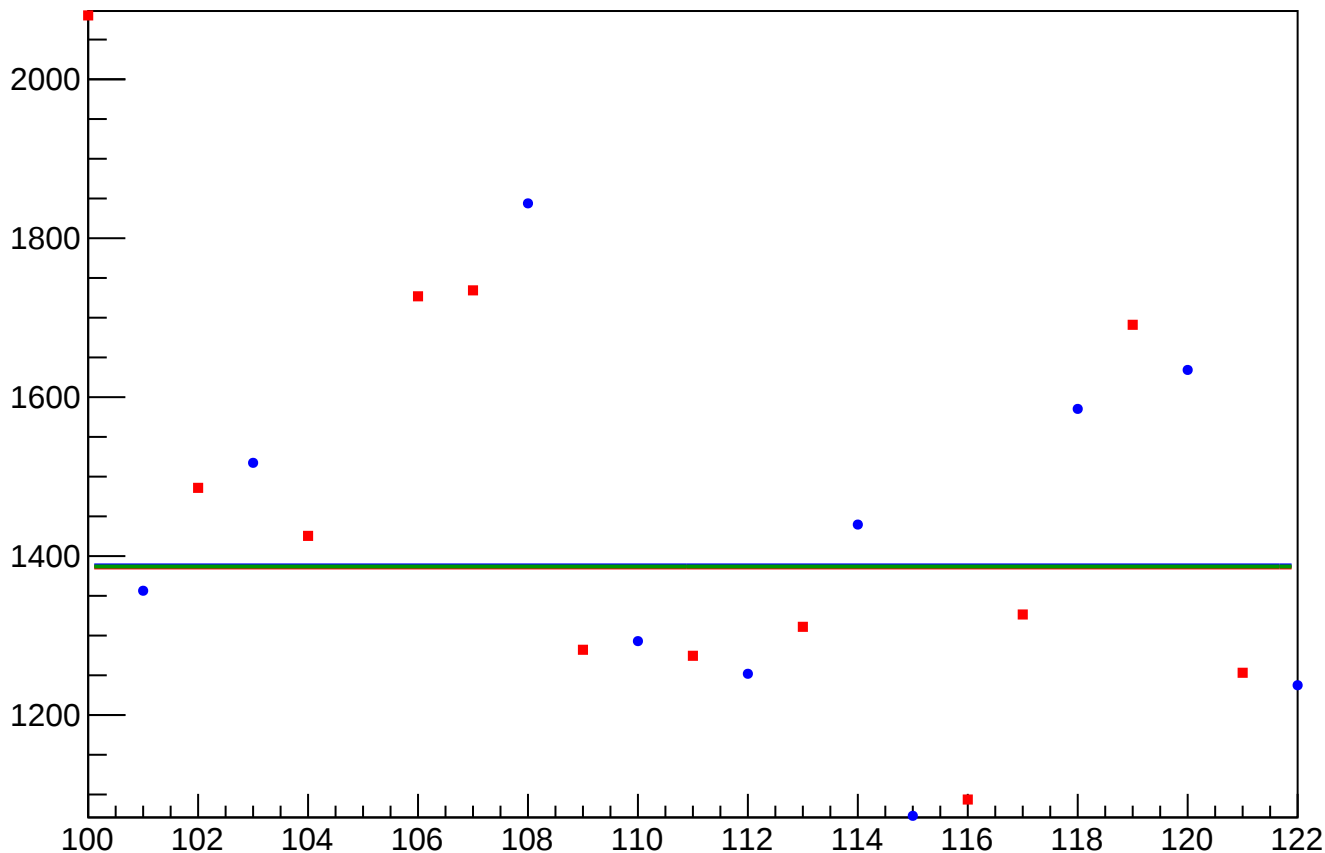
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.454+/-720.298 χ^2/NDF : 9.7/9

-596.545+/-491.697 χ^2/NDF : 20.9/21

-1132.324+/-672.854 χ^2/NDF : 9.9/11

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1388.278+/-0.509 χ^2/NDF : 133502.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1385.718+/-0.476 χ^2/NDF : 166762.5/11

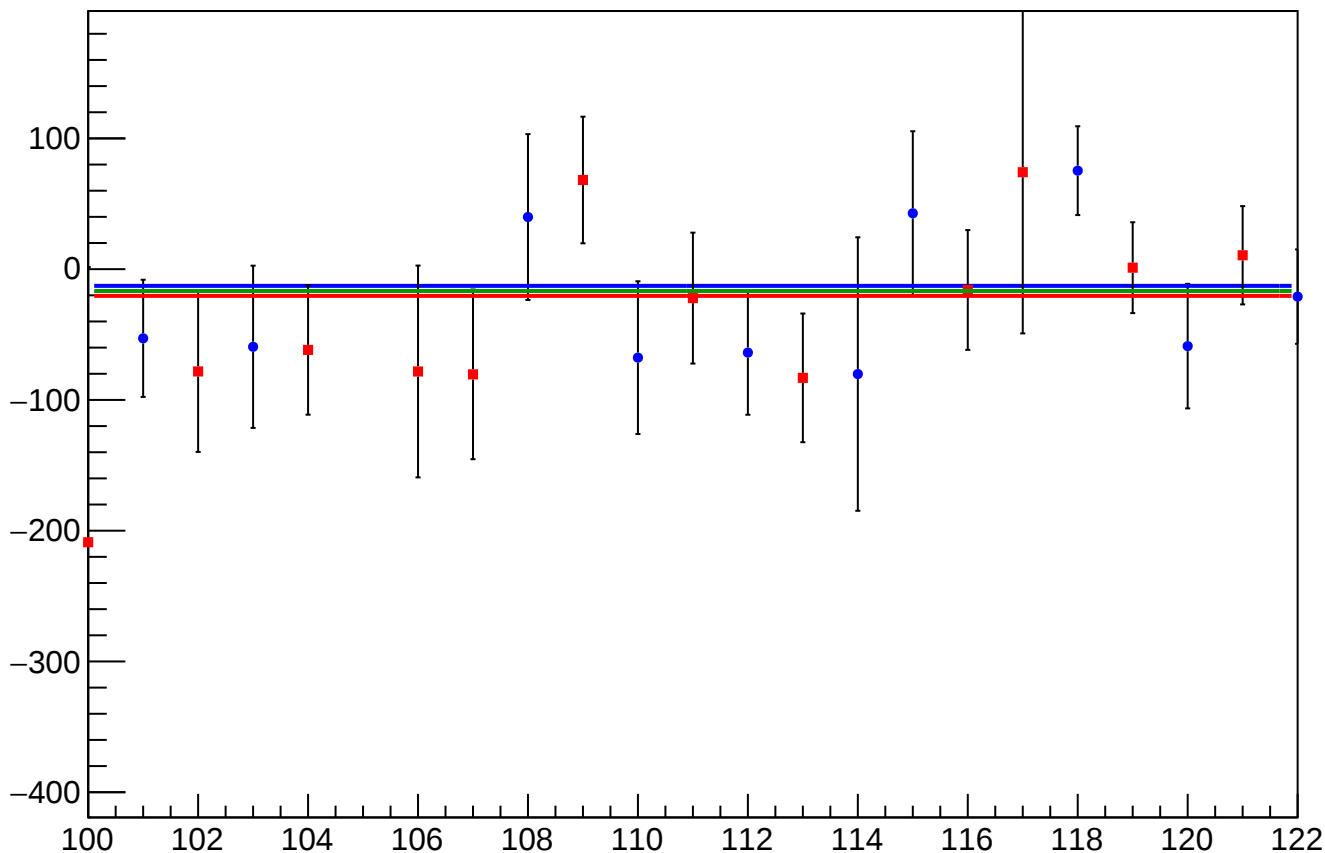
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1388.278+/-0.509 χ^2/NDF : 133502.4/9

1386.911+/-0.348 χ^2/NDF : 300278.4/21

1385.718+/-0.476 χ^2/NDF : 166762.5/11

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -12.760 $\pm$ 15.497 χ^2 /NDF: 13.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -20.419 $\pm$ 15.073 χ^2 /NDF: 10.4/11

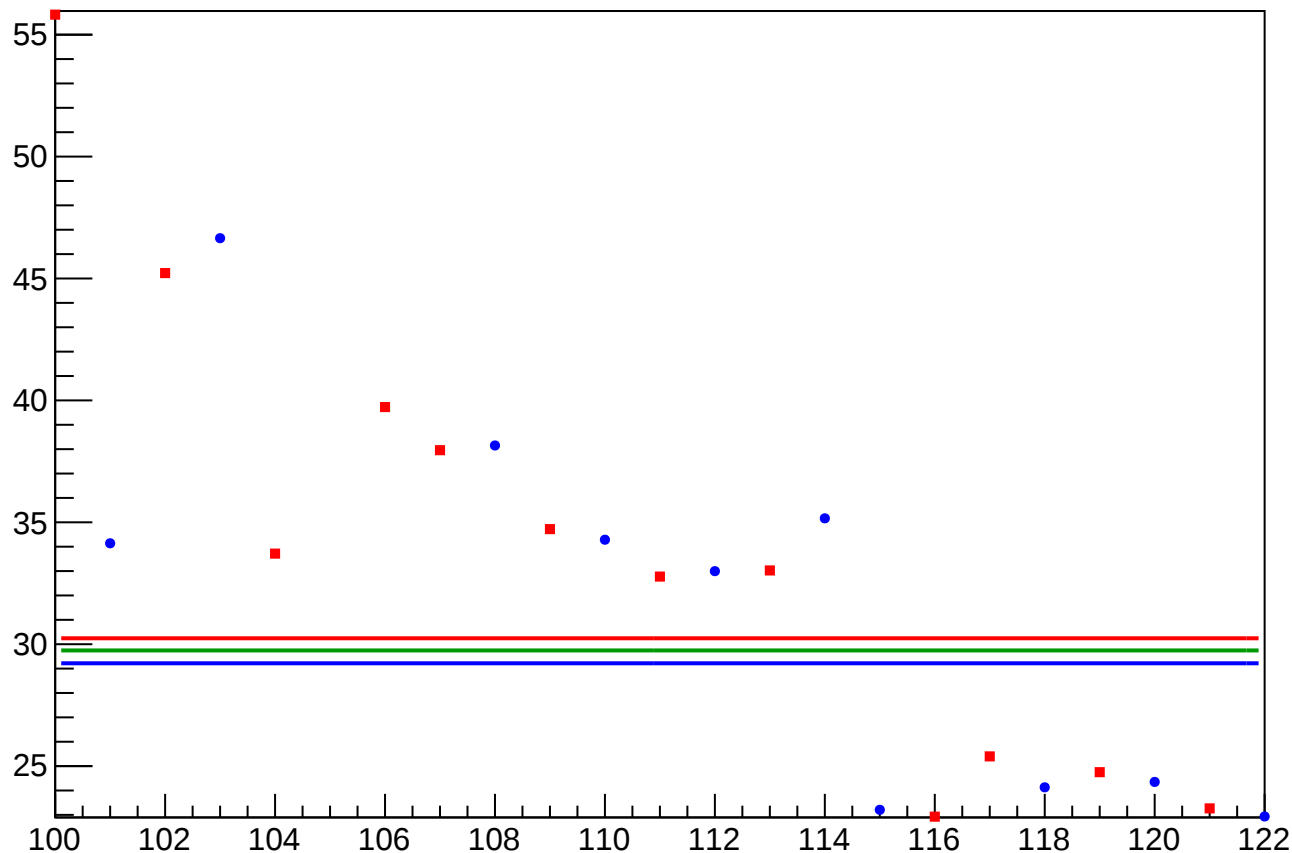
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-12.760 $\pm$ 15.497 χ^2 /NDF: 13.0/9

-16.695 $\pm$ 10.805 χ^2 /NDF: 23.5/21

-20.419 $\pm$ 15.073 χ^2 /NDF: 10.4/11

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 29.218+/-0.011 χ^2/NDF : 400716.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.243+/-0.011 χ^2/NDF : 415078.5/11

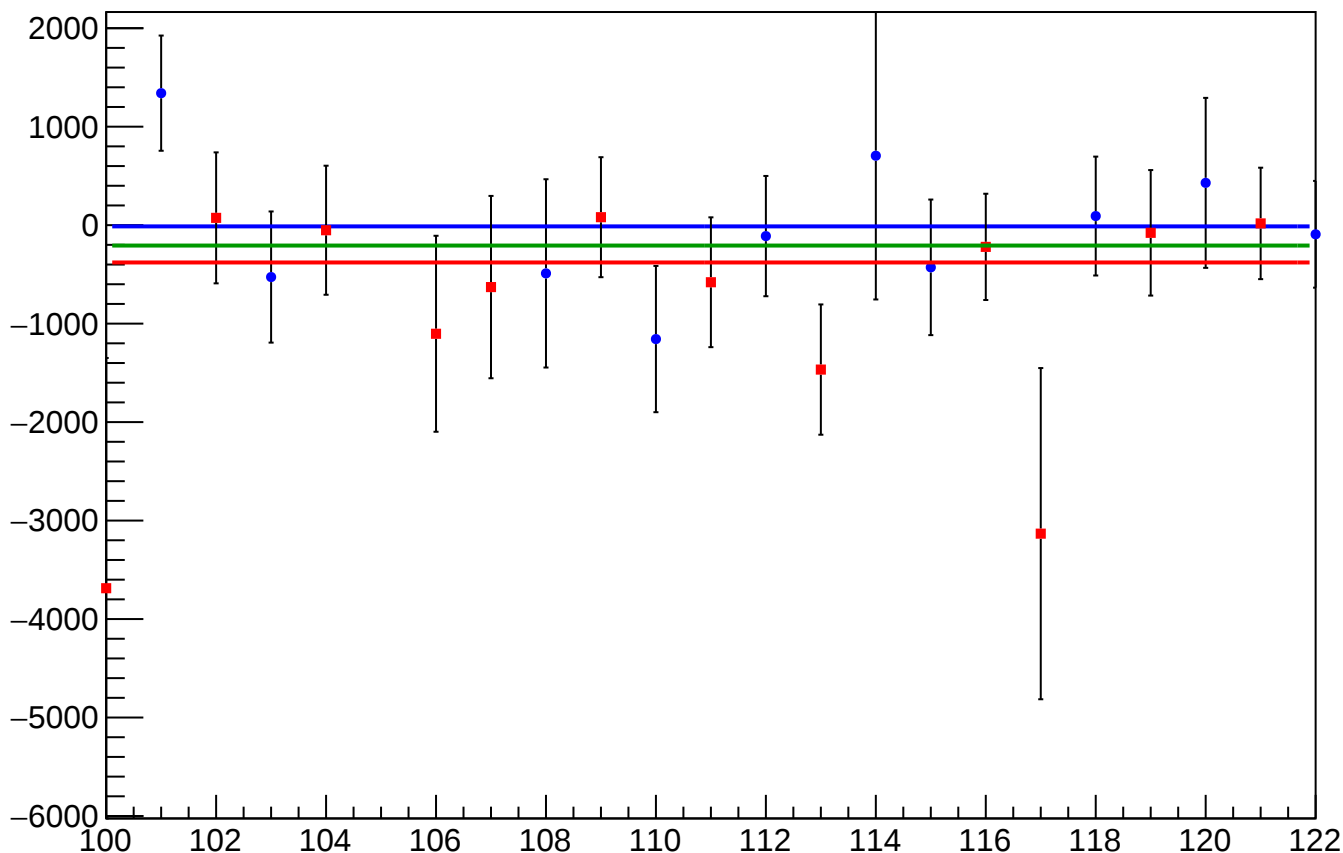
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

29.218+/-0.011 χ^2/NDF : 400716.2/9

29.745+/-0.008 χ^2/NDF : 820296.3/21

30.243+/-0.011 χ^2/NDF : 415078.5/11

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: -12.526+/-219.073 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -378.983+/-205.826 χ^2/NDF : 10.2/11

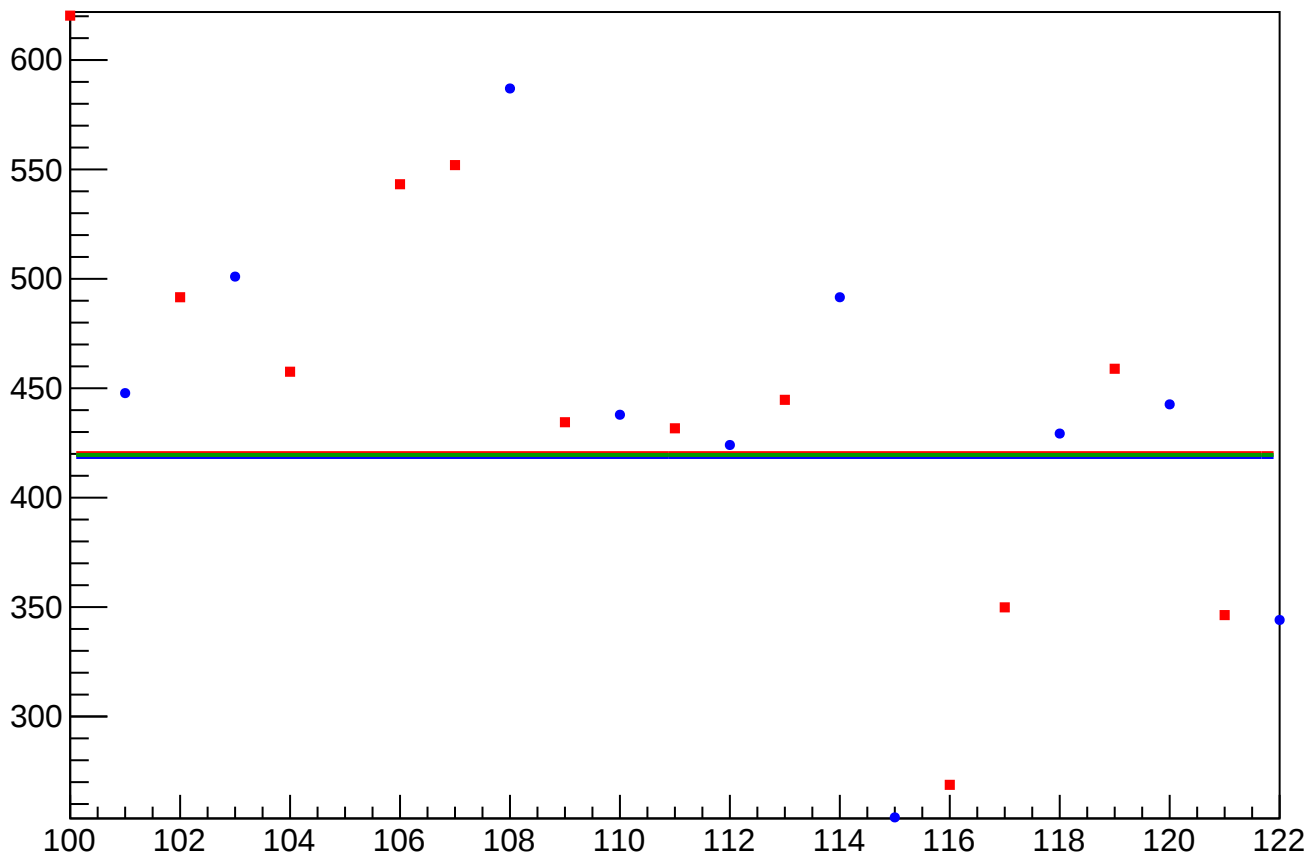
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-12.526+/-219.073 χ^2/NDF : 9.5/9

-207.168+/-150.006 χ^2/NDF : 21.2/21

-378.983+/-205.826 χ^2/NDF : 10.2/11

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 418.592+/-0.155 χ^2/NDF : 258631.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 420.347+/-0.146 χ^2/NDF : 322267.3/11

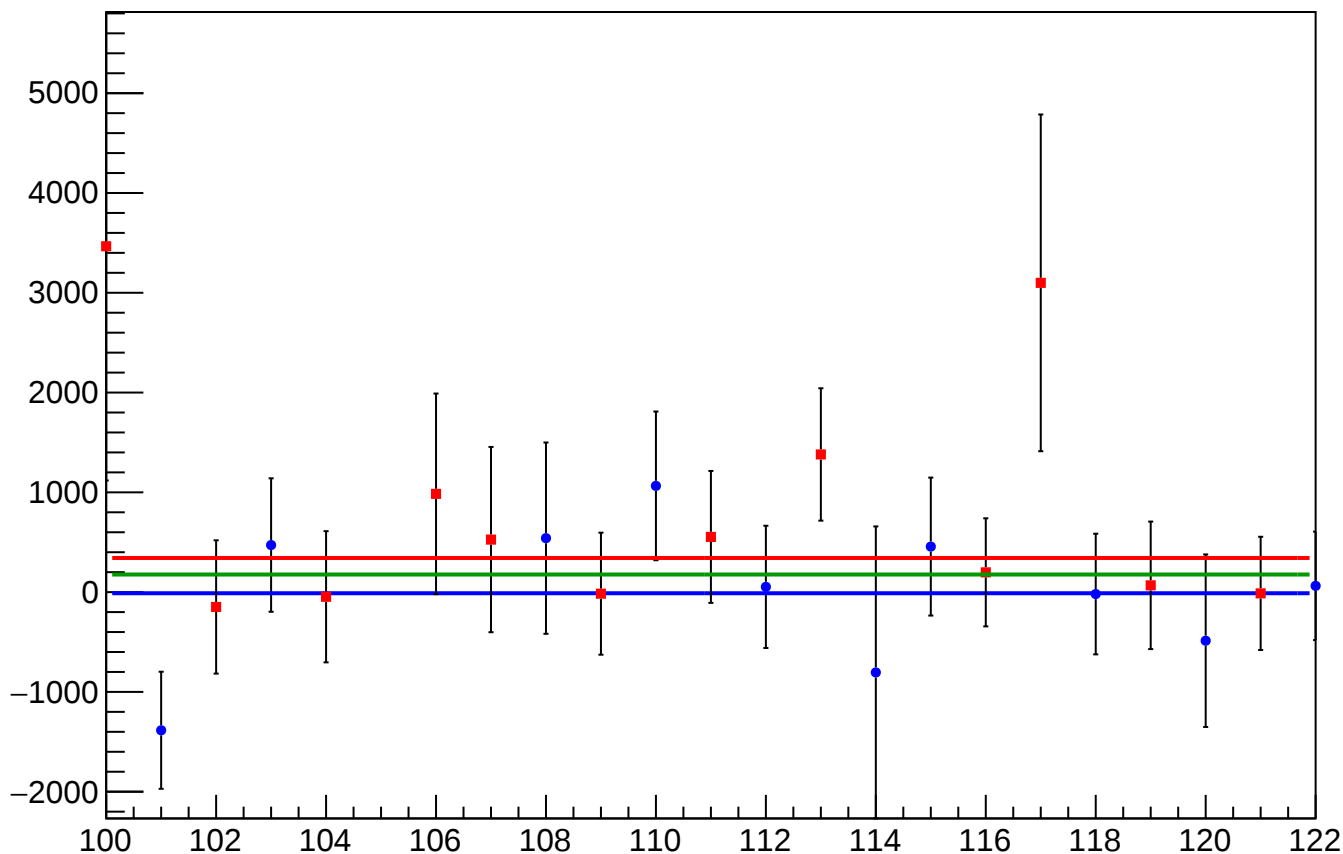
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

418.592+/-0.155 χ^2/NDF : 258631.9/9

419.524+/-0.106 χ^2/NDF : 580967.3/21

420.347+/-0.146 χ^2/NDF : 322267.3/11

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -11.164 ± 219.708 χ^2/NDF : 9.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 342.325 ± 206.544 χ^2/NDF : 9.3/11

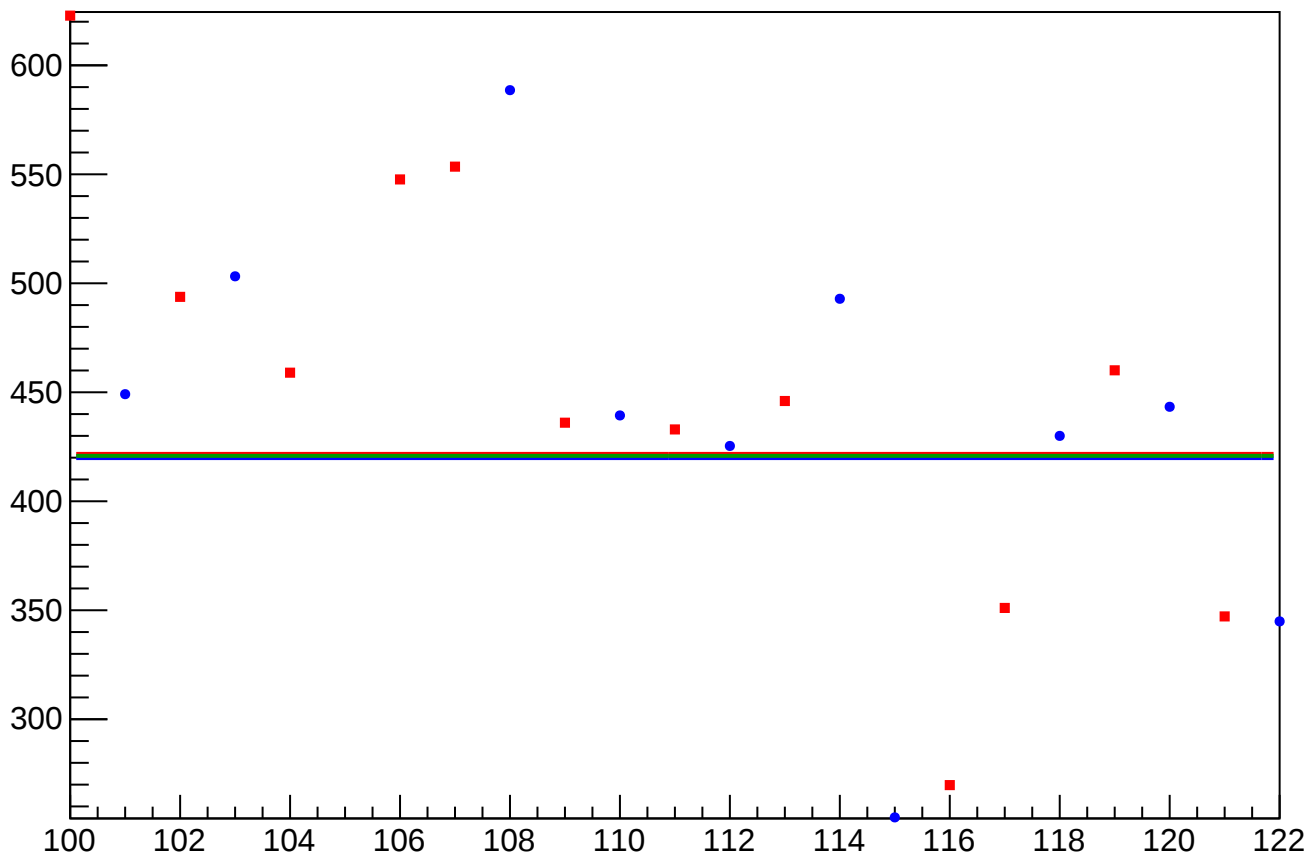
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-11.164 ± 219.708 χ^2/NDF : 9.5/9

176.488 ± 150.487 χ^2/NDF : 20.2/21

342.325 ± 206.544 χ^2/NDF : 9.3/11

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 419.815+/-0.155 χ^2/NDF : 258425.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 421.729+/-0.146 χ^2/NDF : 323138.1/11

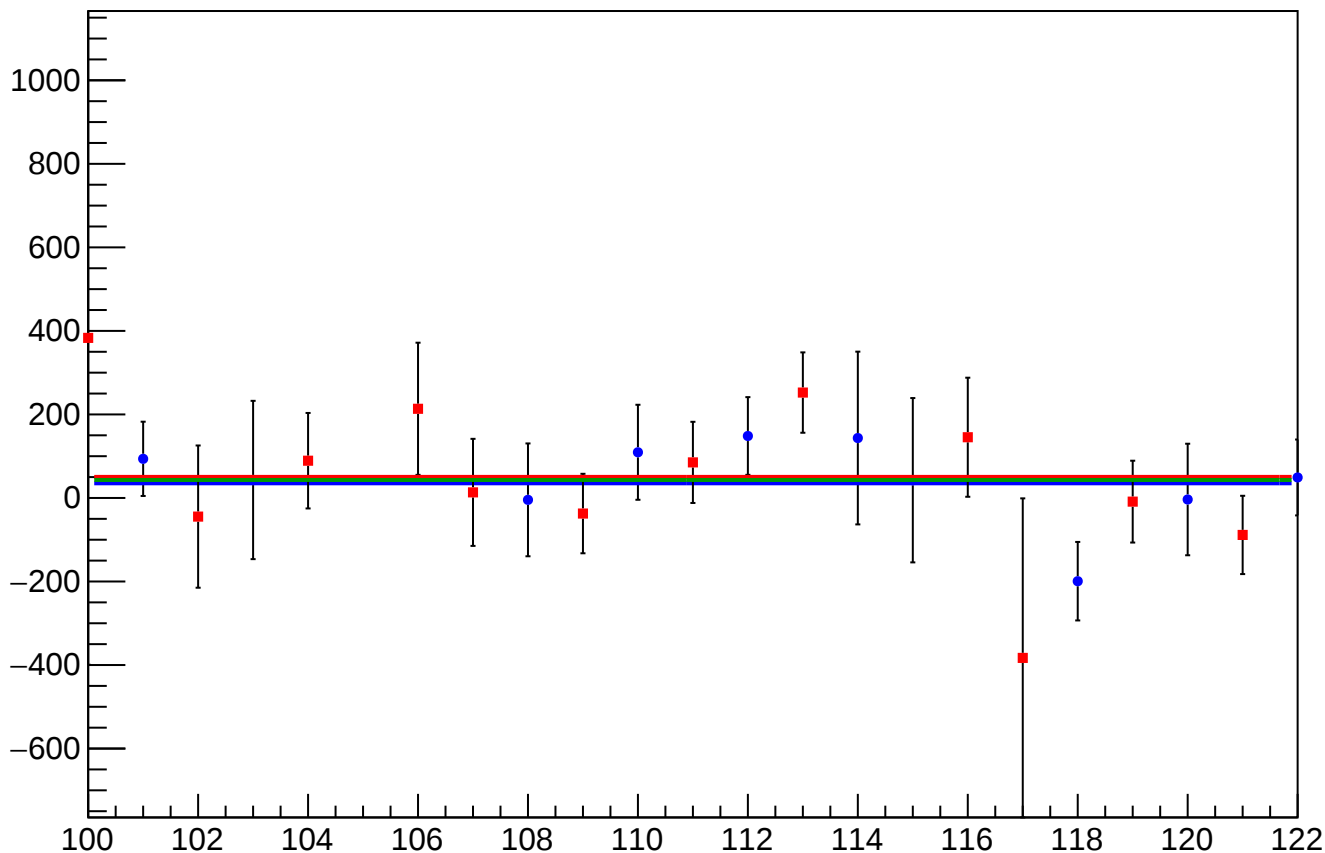
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

419.815+/-0.155 χ^2/NDF : 258425.0/9

420.831+/-0.106 χ^2/NDF : 581643.6/21

421.729+/-0.146 χ^2/NDF : 323138.1/11

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 35.103+/-36.721 χ^2/NDF : 9.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.448+/-35.094 χ^2/NDF : 11.4/11

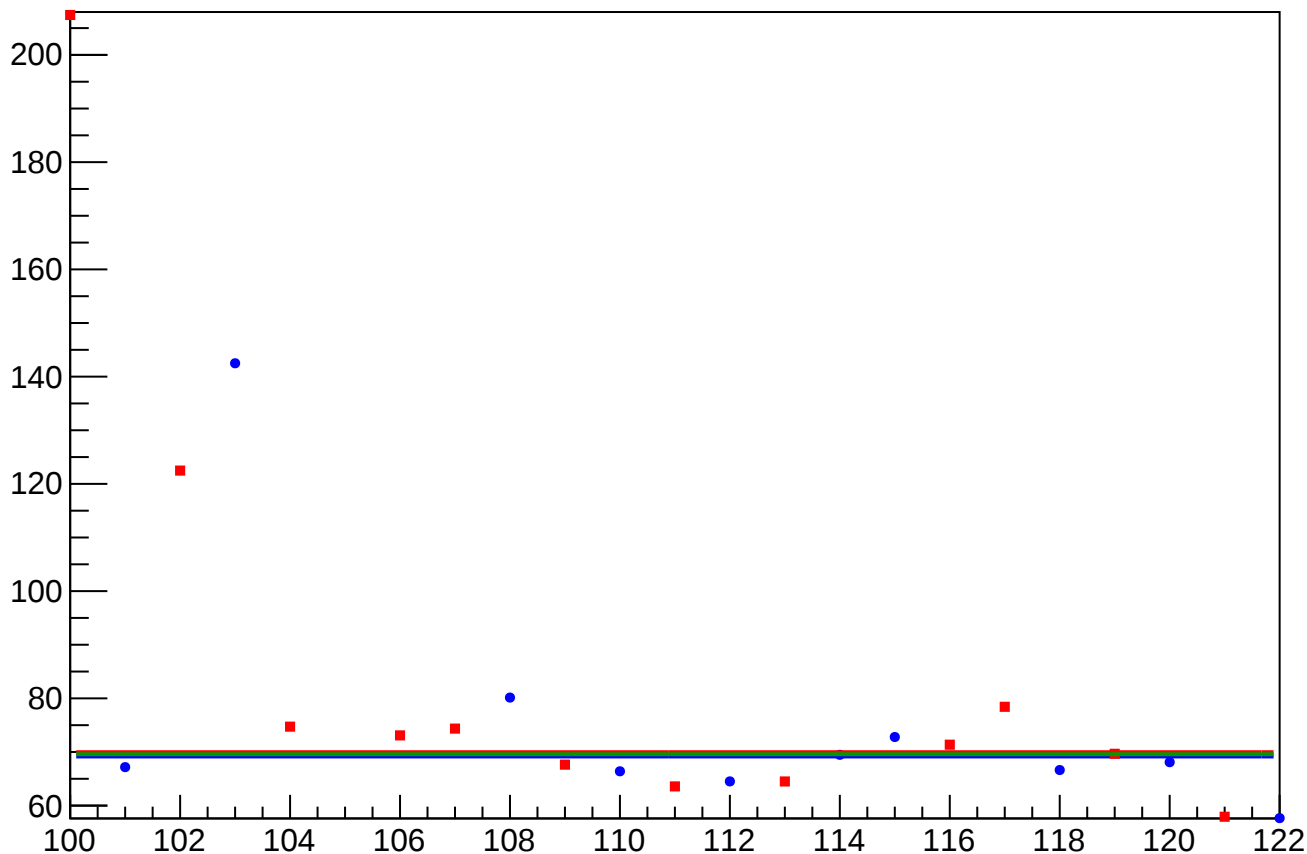
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

35.103+/-36.721 χ^2/NDF : 9.0/9

43.123+/-25.371 χ^2/NDF : 20.6/21

50.448+/-35.094 χ^2/NDF : 11.4/11

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 69.169+/-0.026 χ^2/NDF : 354148.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.957+/-0.025 χ^2/NDF : 309024.2/11

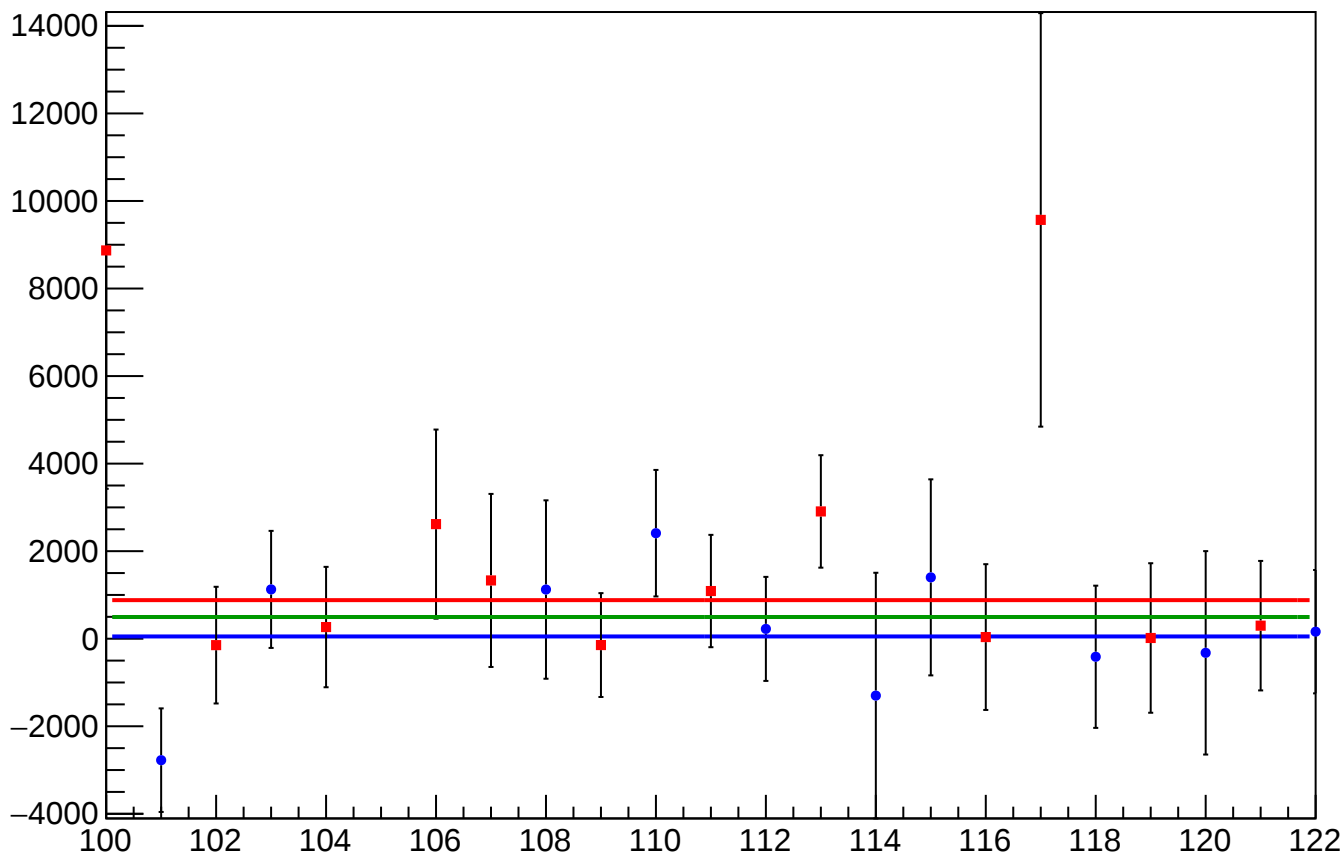
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

69.169+/-0.026 χ^2/NDF : 354148.7/9

69.581+/-0.018 χ^2/NDF : 663654.4/21

69.957+/-0.025 χ^2/NDF : 309024.2/11

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: 51.676+/-494.121 χ^2 /NDF: 10.0/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 881.280+/-460.042 χ^2 /NDF: 11.0/11

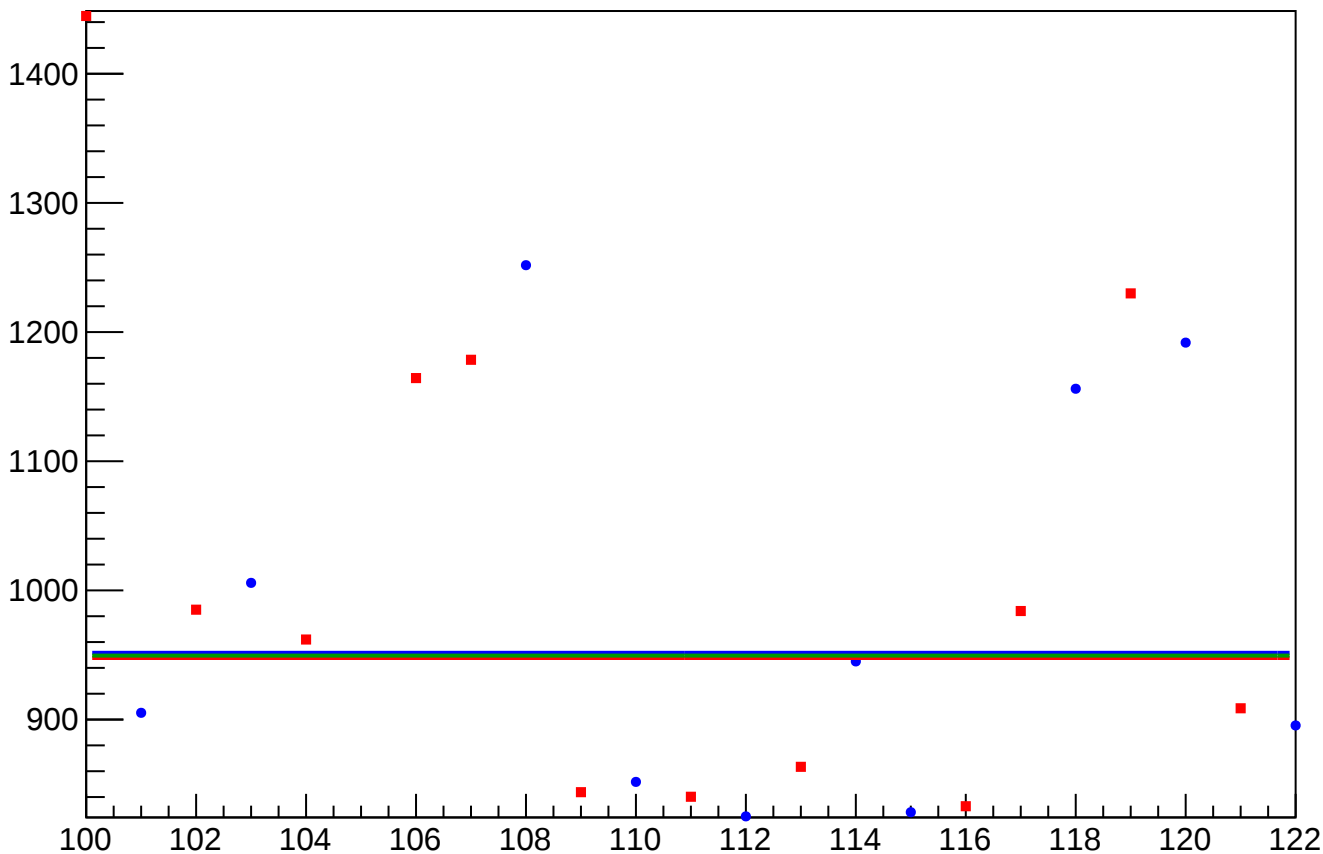
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

51.676+/-494.121 χ^2 /NDF: 10.0/9

496.070+/-336.703 χ^2 /NDF: 22.5/21

881.280+/-460.042 χ^2 /NDF: 11.0/11

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 951.676+/-0.349 χ^2/NDF : 144334.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 947.660+/-0.325 χ^2/NDF : 169483.5/11

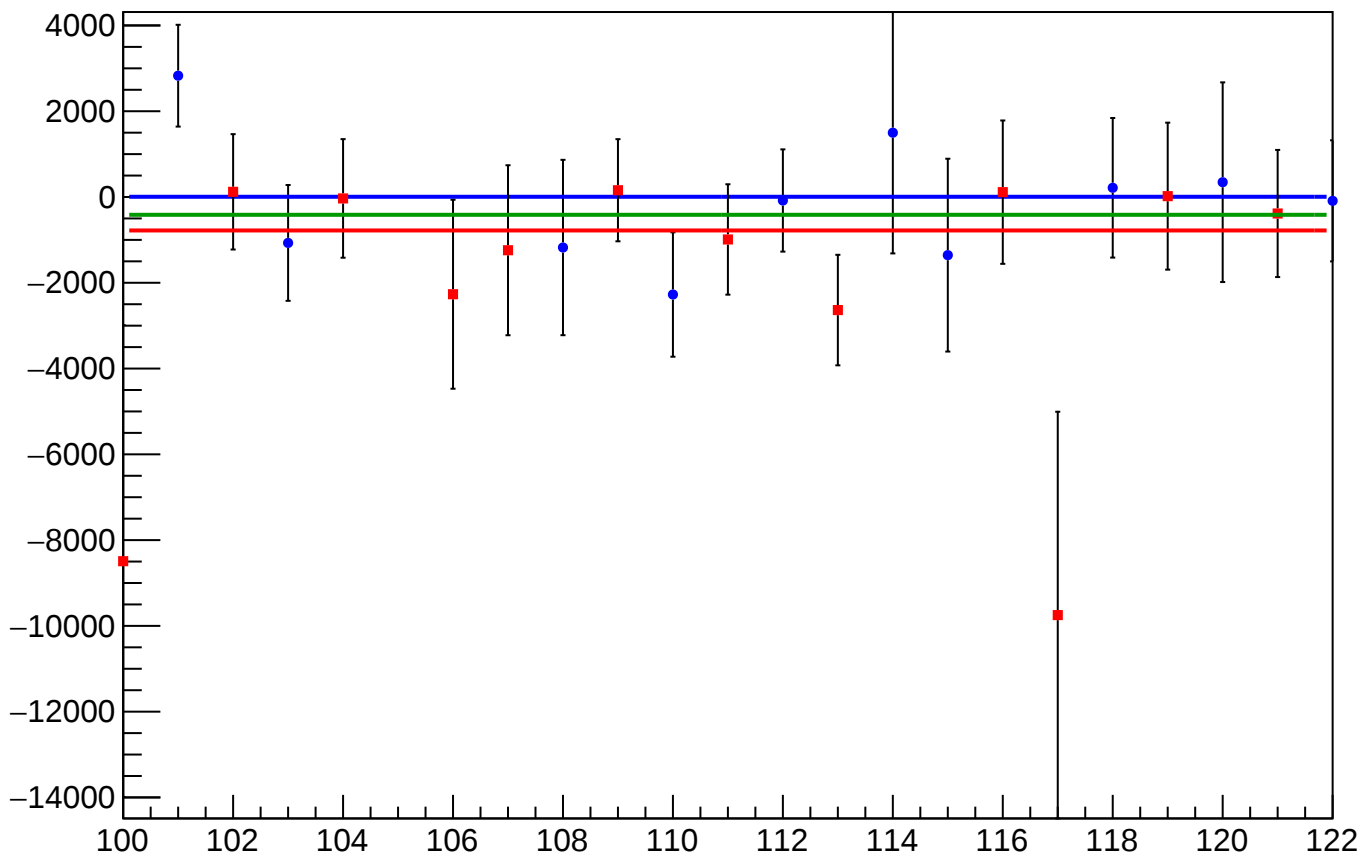
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

951.676+/-0.349 χ^2/NDF : 144334.1/9

949.525+/-0.238 χ^2/NDF : 313888.4/21

947.660+/-0.325 χ^2/NDF : 169483.5/11

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 5.399+/-496.011 χ^2/NDF : 9.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -780.089+/-462.298 χ^2/NDF : 10.1/11

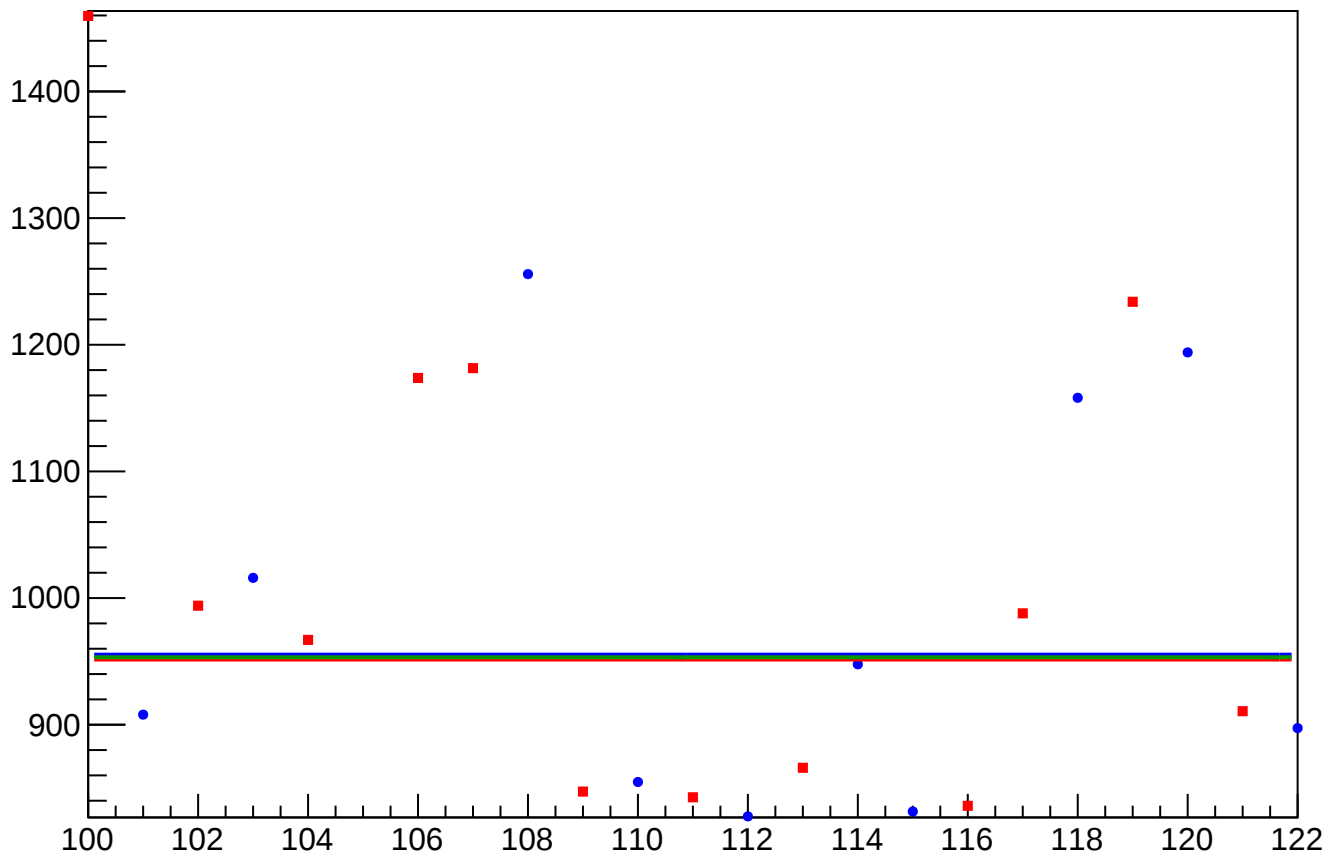
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.399+/-496.011 χ^2/NDF : 9.8/9

-414.944+/-338.185 χ^2/NDF : 21.2/21

-780.089+/-462.298 χ^2/NDF : 10.1/11

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 955.302 $\pm$ 0.351 χ^2 /NDF: 144517.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 951.473 $\pm$ 0.327 χ^2 /NDF: 170571.4/11

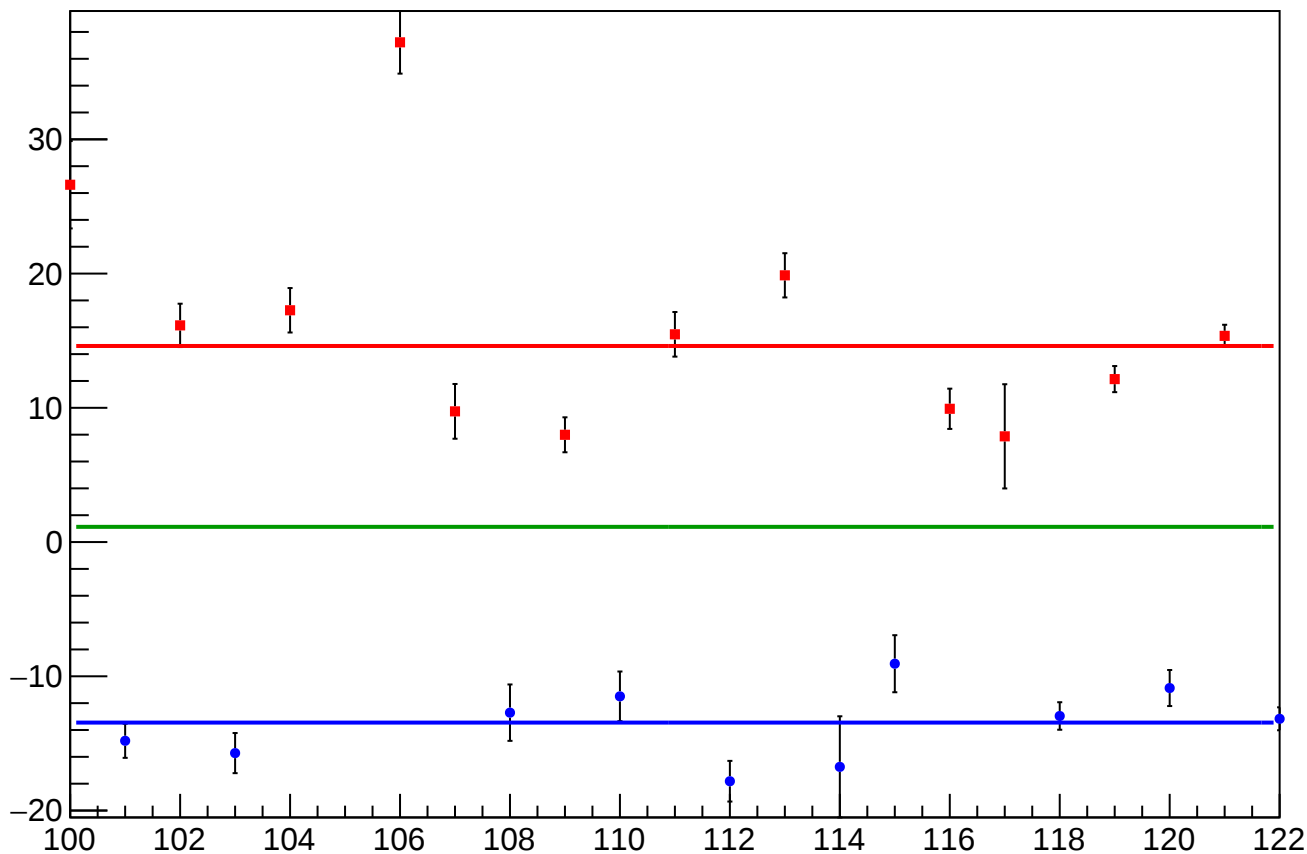
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

955.302 $\pm$ 0.351 χ^2 /NDF: 144517.9/9

953.253 $\pm$ 0.239 χ^2 /NDF: 315153.0/21

951.473 $\pm$ 0.327 χ^2 /NDF: 170571.4/11

reg_asym_sam1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -13.448 $\pm$ 0.439 χ^2/NDF : 22.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 14.607 $\pm$ 0.422 χ^2/NDF : 173.2/11

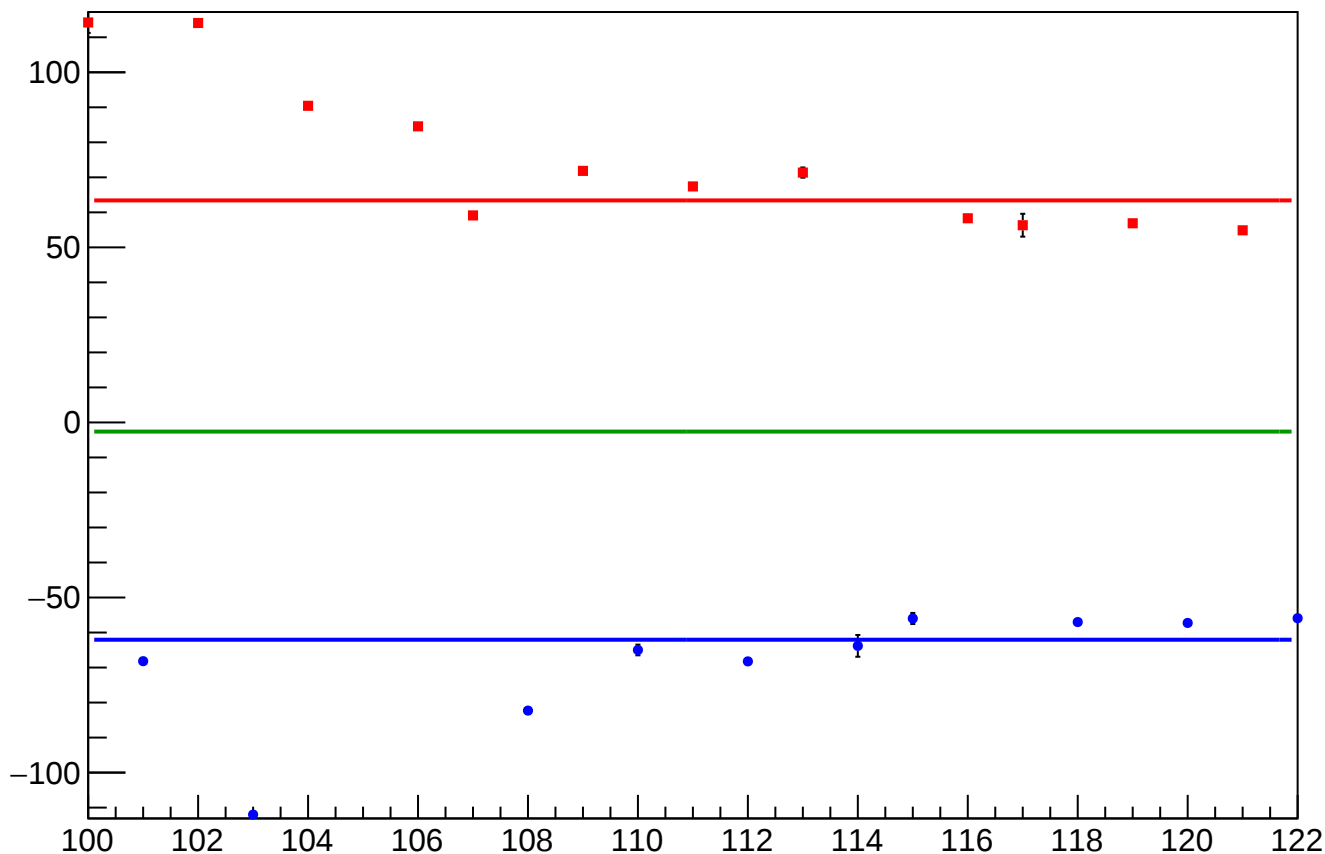
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-13.448 $\pm$ 0.439 χ^2/NDF : 22.0/9

1.133 $\pm$ 0.304 χ^2/NDF : 2318.5/21

14.607 $\pm$ 0.422 χ^2/NDF : 173.2/11

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -62.055+/-0.229 χ^2/NDF : 2820.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.416+/-0.241 χ^2/NDF : 3835.6/11

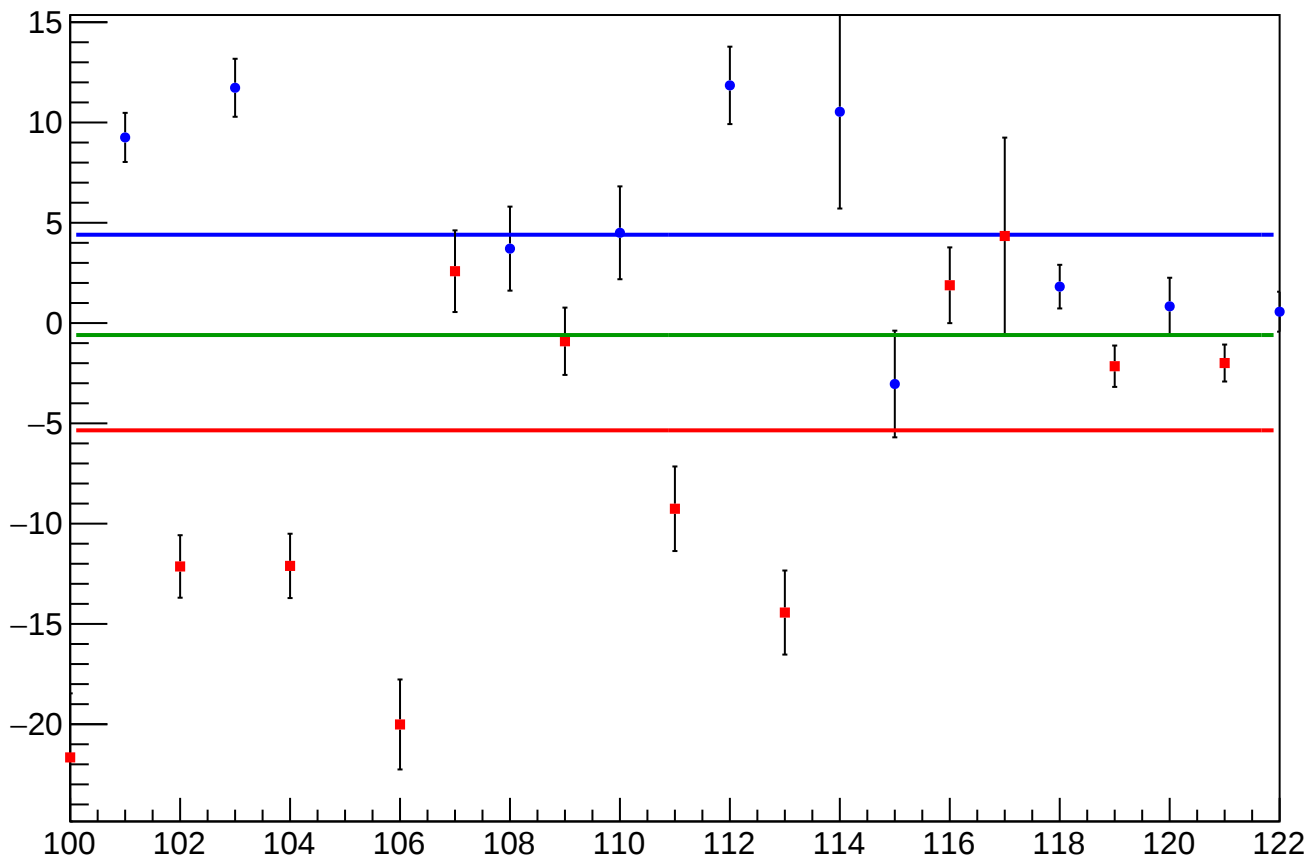
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-62.055+/-0.229 χ^2/NDF : 2820.1/9

-2.609+/-0.166 χ^2/NDF : 148936.5/21

63.416+/-0.241 χ^2/NDF : 3835.6/11

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 4.404 $\pm$ 0.479 χ^2 /NDF: 92.6/9

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

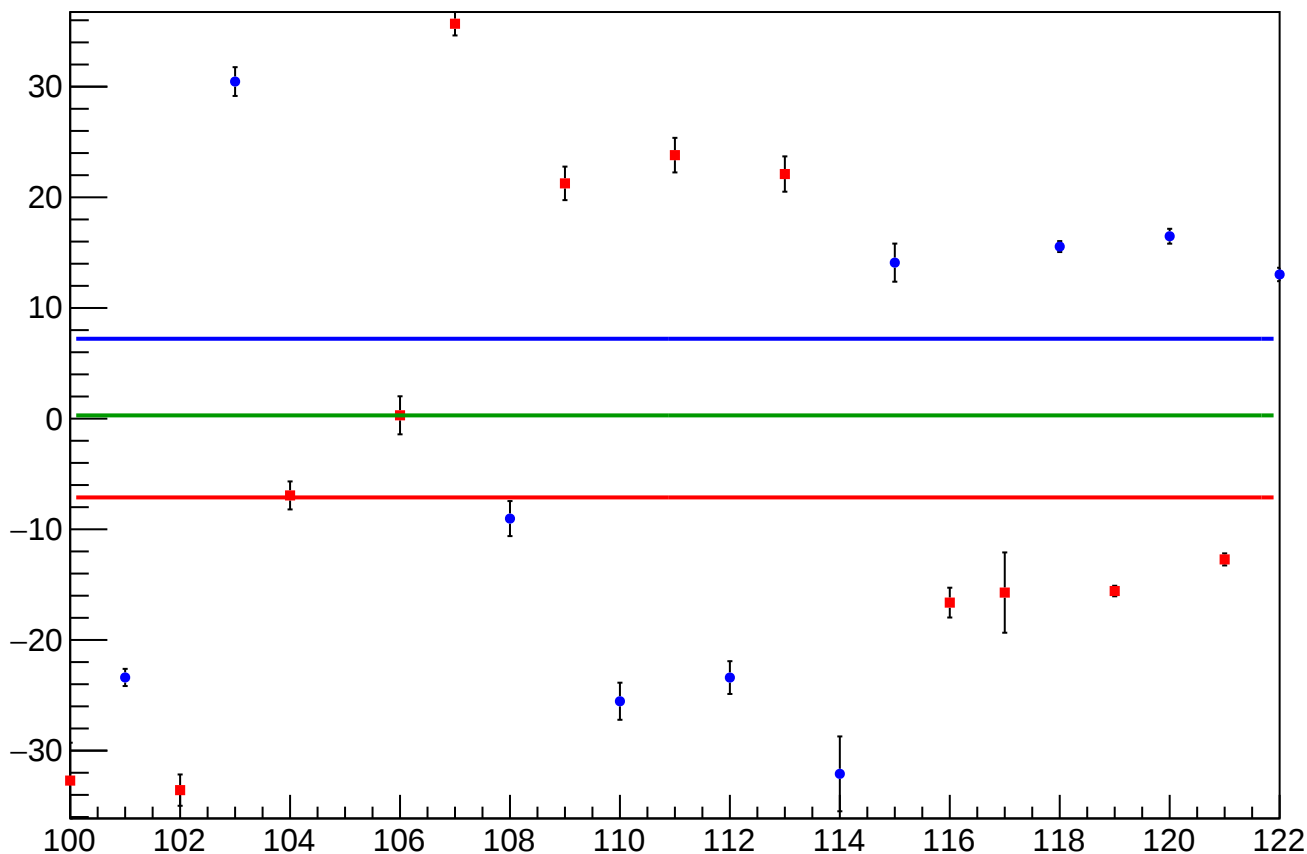
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

4.404 $\pm$ 0.479 χ^2 /NDF: 92.6/9

-0.597 $\pm$ 0.334 χ^2 /NDF: 496.6/21

-5.348 $\pm$ 0.467 χ^2 /NDF: 191.4/11

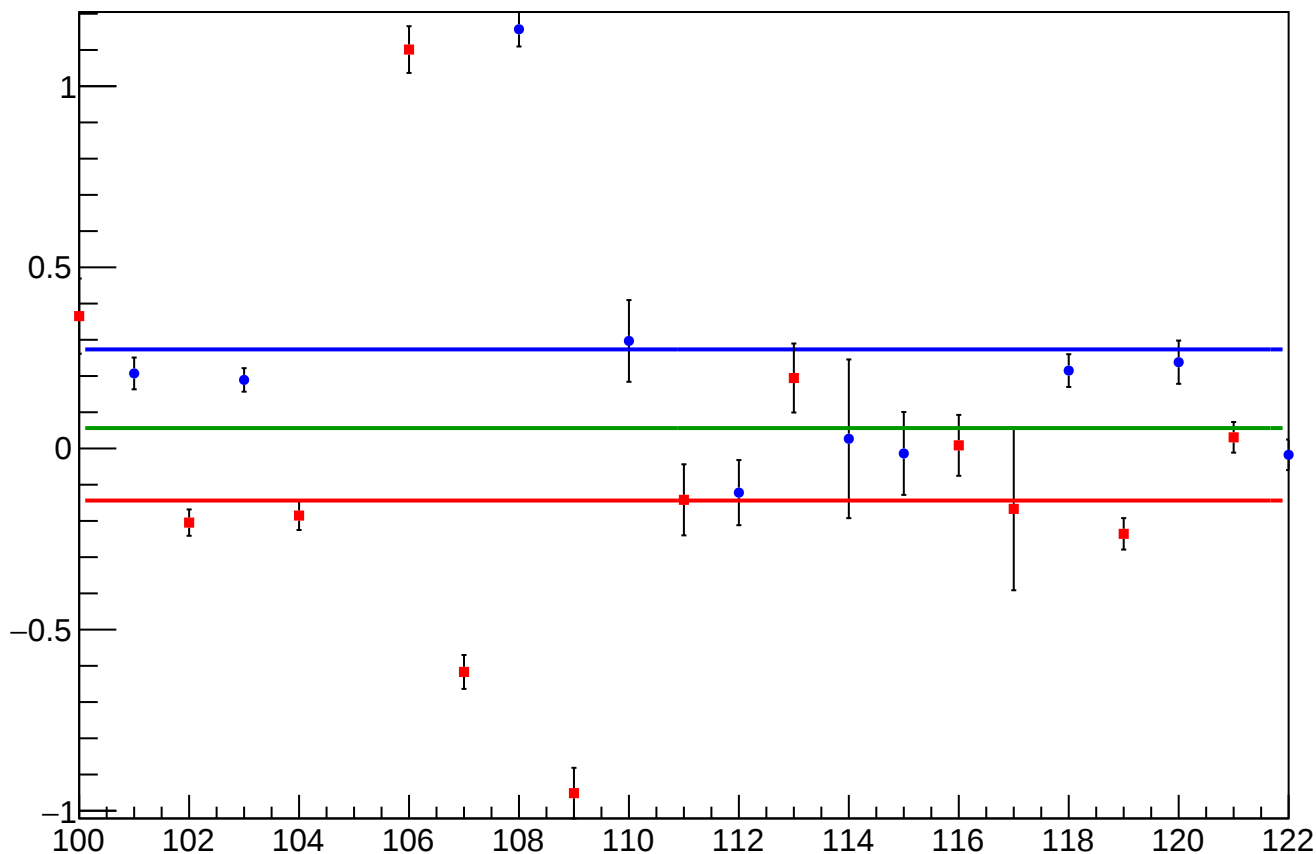
reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.219 ± 0.278 $\chi^2/\text{NDF}: 3507.3/9$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -7.119 ± 0.288 $\chi^2/\text{NDF}: 3611.3/11$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

7.219 ± 0.278 $\chi^2/\text{NDF}: 3507.3/9$
 0.293 ± 0.200 $\chi^2/\text{NDF}: 8400.4/21$
 -7.119 ± 0.288 $\chi^2/\text{NDF}: 3611.3/11$

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.273+/-0.017 χ^2/NDF : 430.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.144+/-0.016 χ^2/NDF : 673.6/11

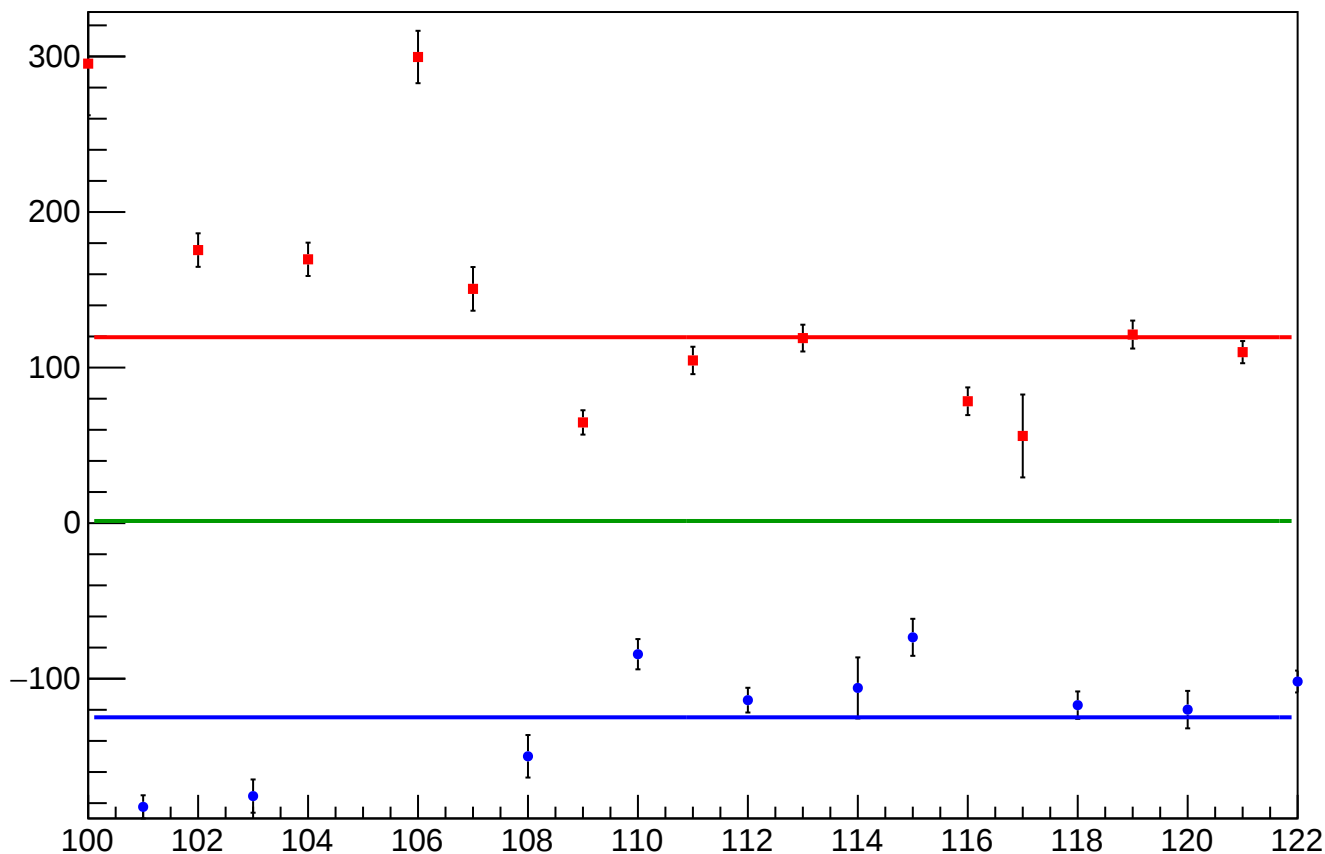
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.273+/-0.017 χ^2/NDF : 430.5/9

0.056+/-0.012 χ^2/NDF : 1425.0/21

-0.144+/-0.016 χ^2/NDF : 673.6/11

reg_asym_sam2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -124.825+/-3.040 χ^2/NDF : 136.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.528+/-2.941 χ^2/NDF : 277.1/11

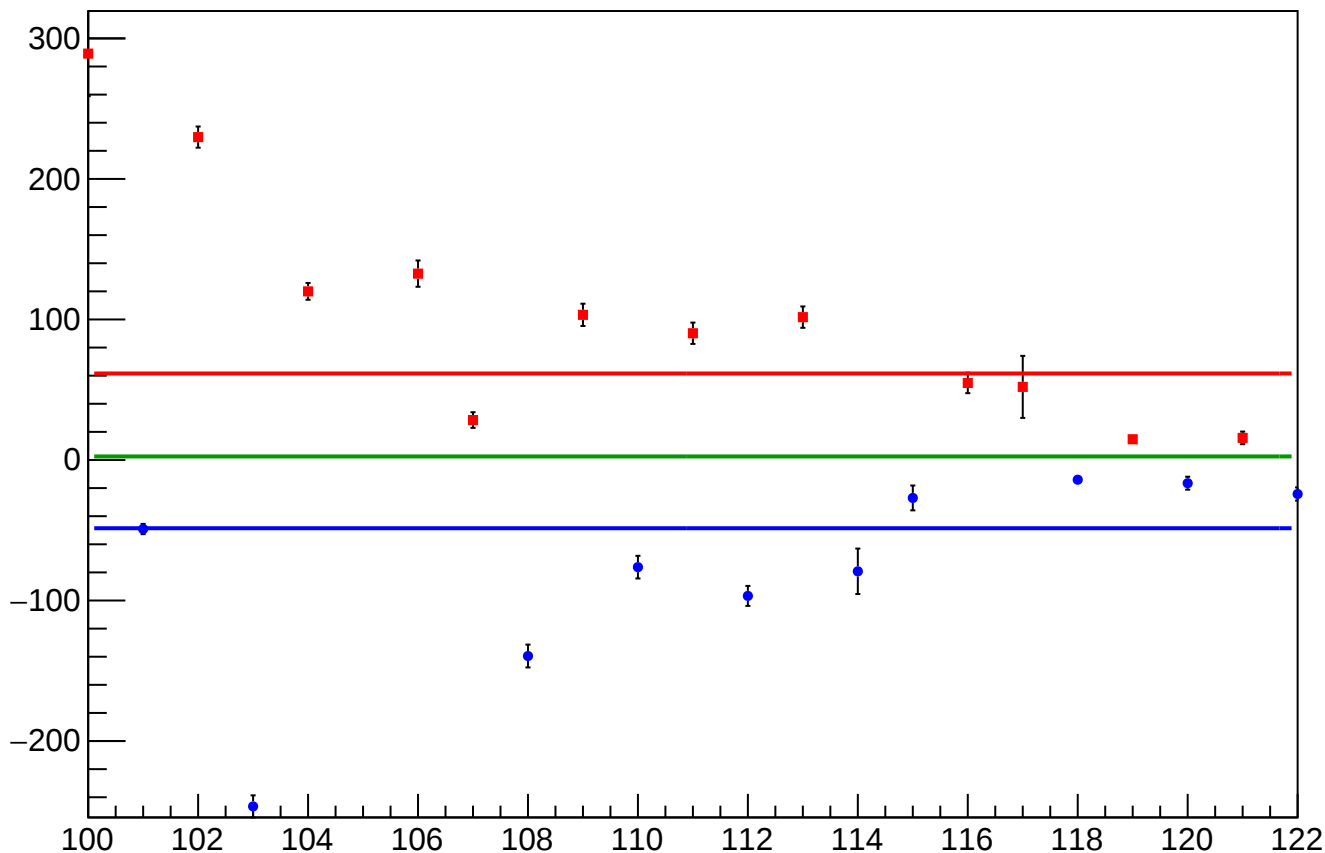
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-124.825+/-3.040 χ^2/NDF : 136.2/9

1.384+/-2.114 χ^2/NDF : 3750.3/21

119.528+/-2.941 χ^2/NDF : 277.1/11

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -48.567 ± 1.706 χ^2/NDF : 1013.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 61.560 ± 1.834 χ^2/NDF : 1106.5/11

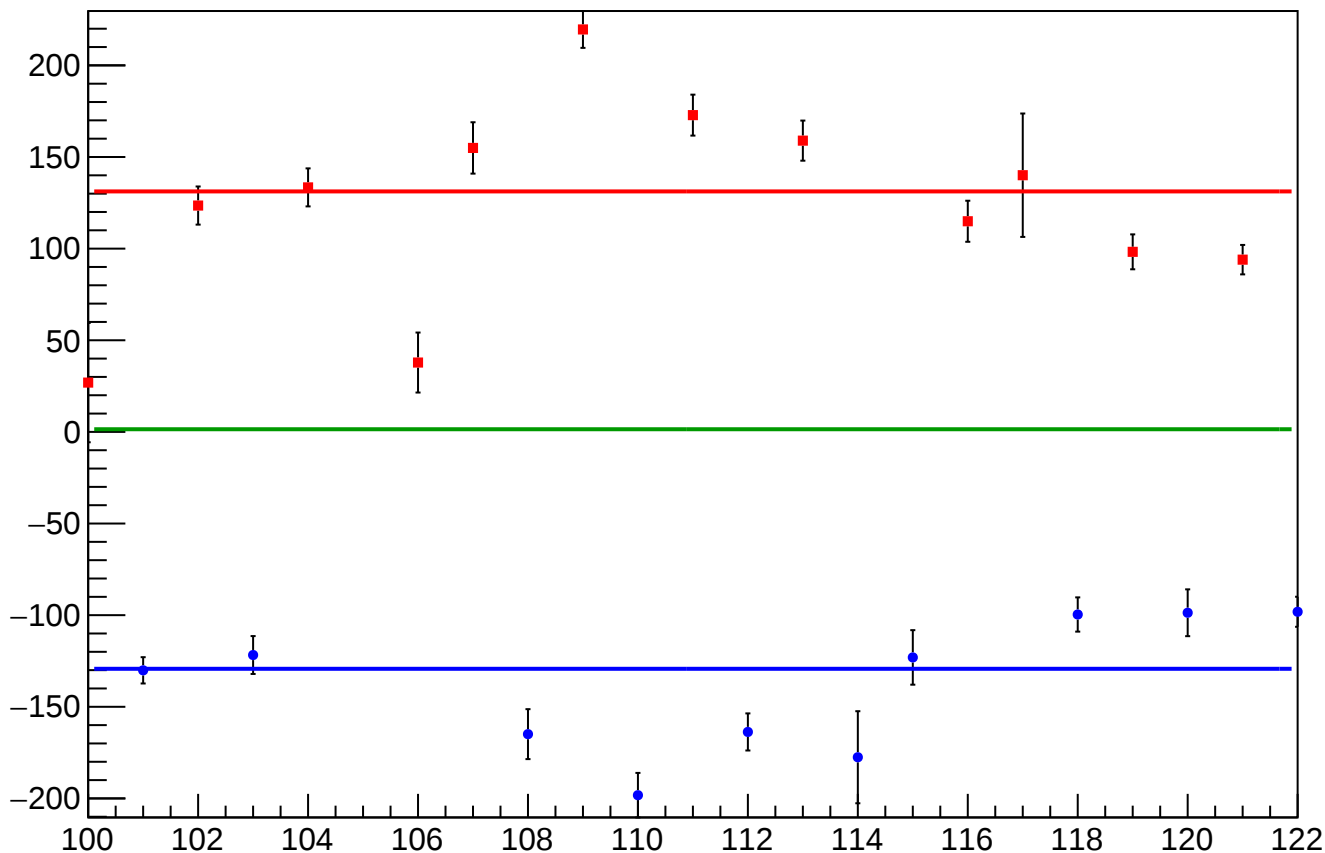
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-48.567 ± 1.706 χ^2/NDF : 1013.6/9

2.519 ± 1.249 χ^2/NDF : 4053.7/21

61.560 ± 1.834 χ^2/NDF : 1106.5/11

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -129.266+/-3.347 χ^2/NDF : 85.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.221+/-3.335 χ^2/NDF : 179.4/11

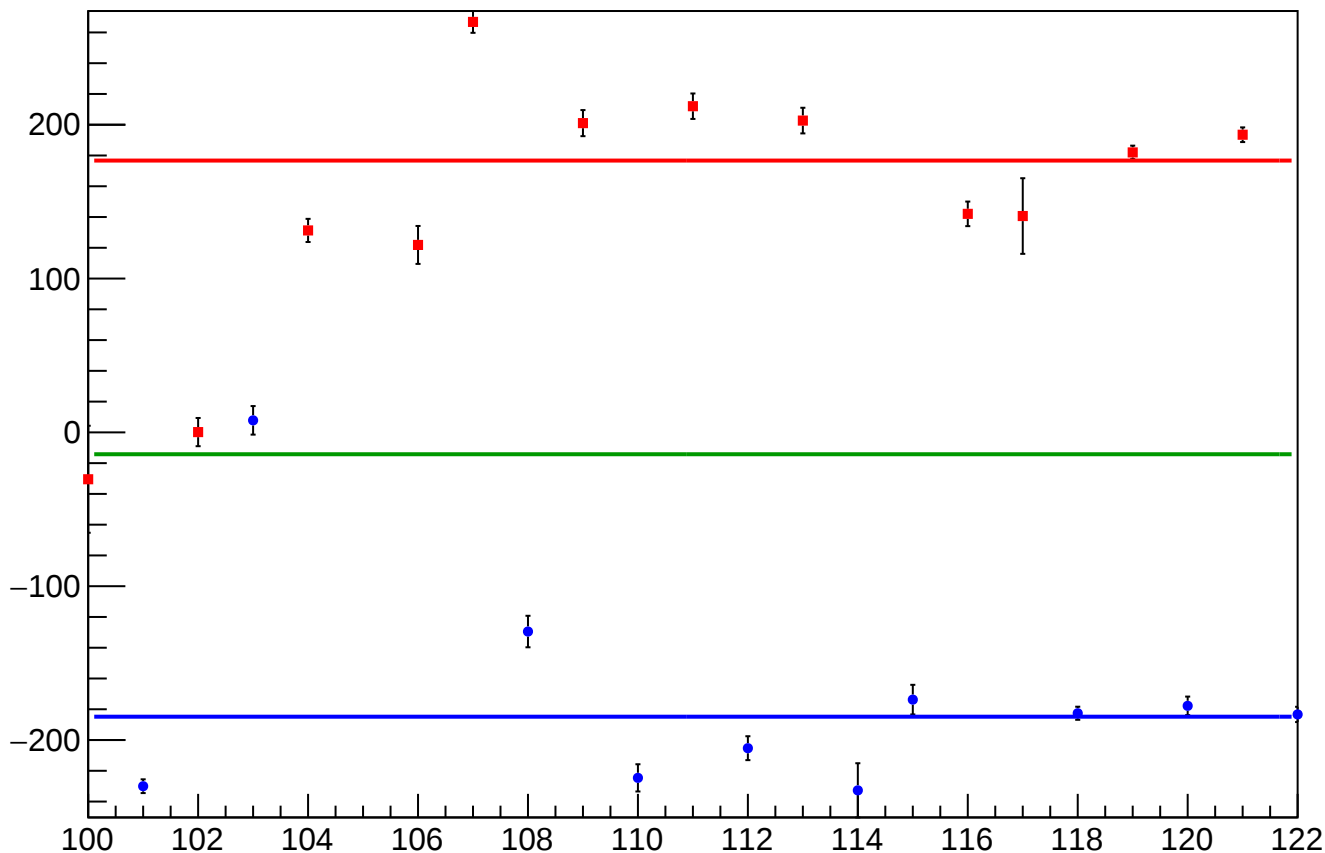
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-129.266+/-3.347 χ^2/NDF : 85.2/9

1.451+/-2.362 χ^2/NDF : 3304.0/21

131.221+/-3.335 χ^2/NDF : 179.4/11

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -184.832+/-2.051 χ^2/NDF : 599.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.706+/-2.169 χ^2/NDF : 694.5/11

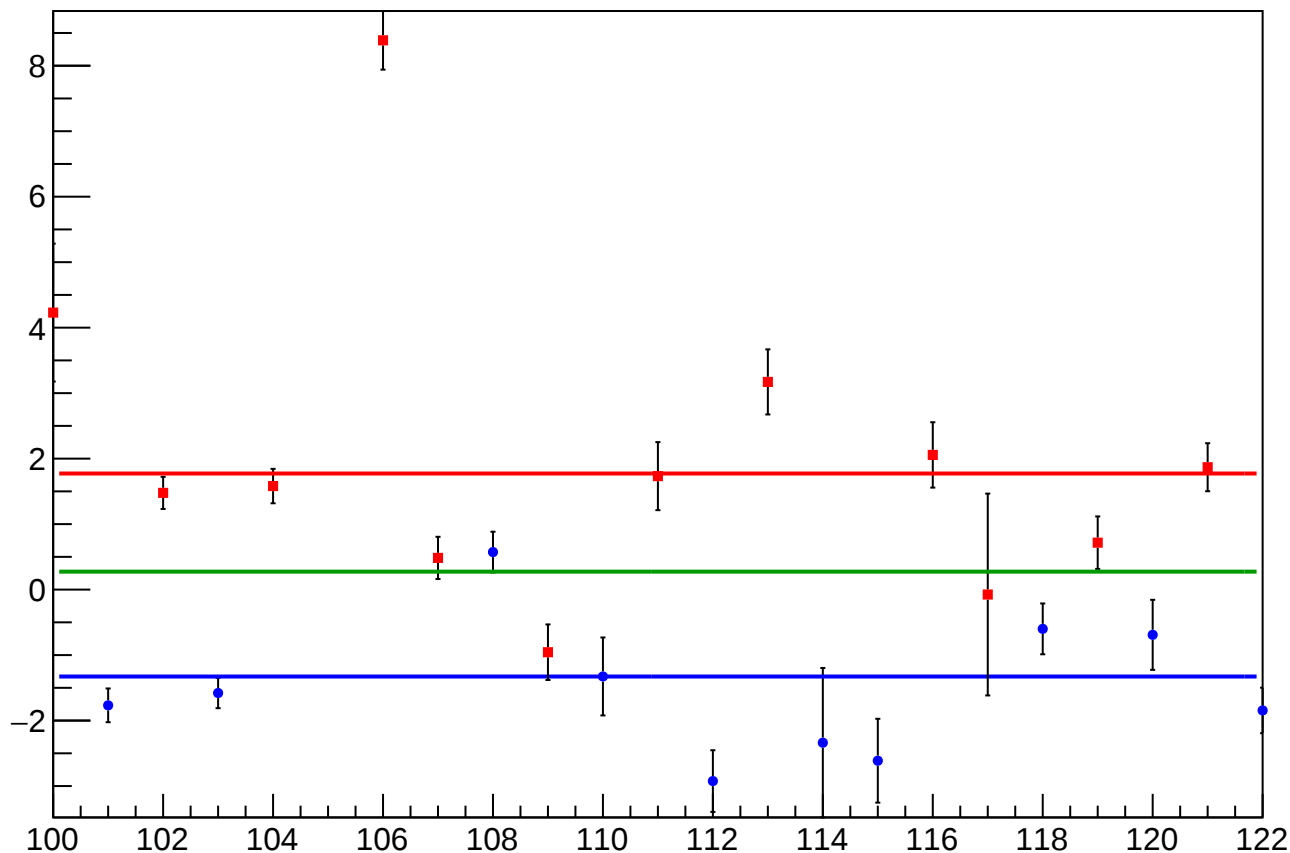
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-184.832+/-2.051 χ^2/NDF : 599.7/9

-14.212+/-1.490 χ^2/NDF : 15964.7/21

176.706+/-2.169 χ^2/NDF : 694.5/11

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.327 ± 0.117 χ^2/NDF : 64.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.773 ± 0.113 χ^2/NDF : 299.9/11

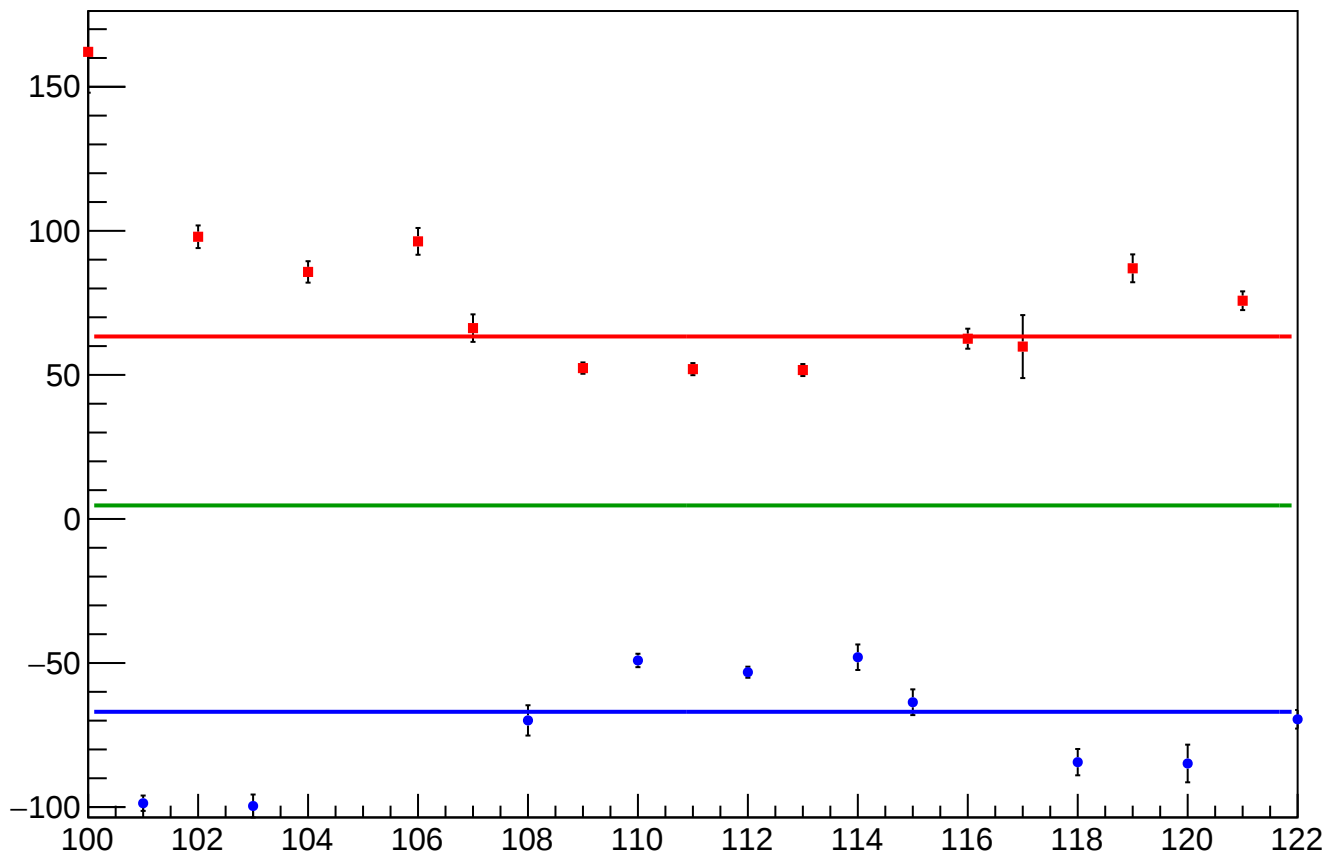
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.327 ± 0.117 χ^2/NDF : 64.9/9

0.274 ± 0.081 χ^2/NDF : 727.2/21

1.773 ± 0.113 χ^2/NDF : 299.9/11

reg_asym_sam3_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -66.930 ± 1.019 χ^2/NDF : 360.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 63.338 ± 0.922 χ^2/NDF : 343.5/11

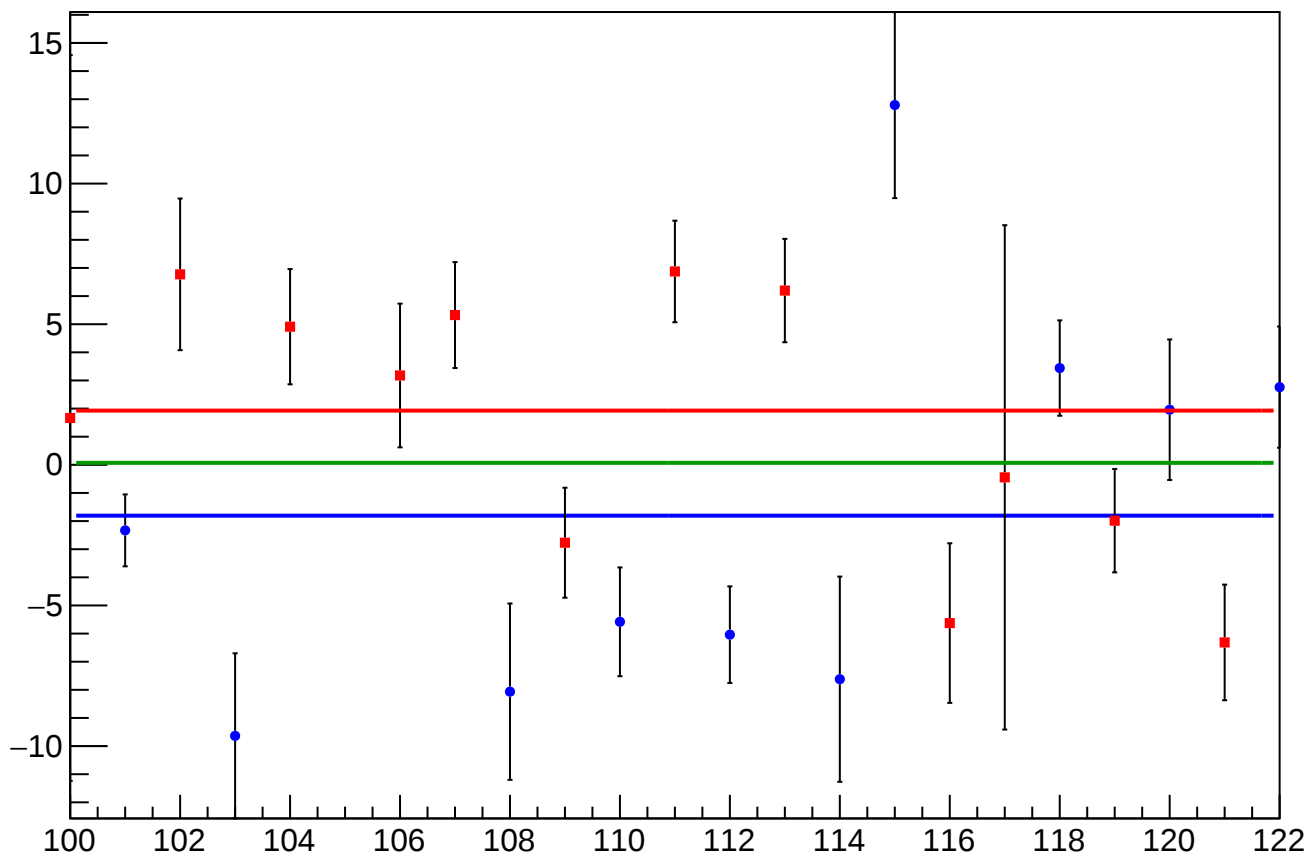
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-66.930 ± 1.019 χ^2/NDF : 360.7/9

4.695 ± 0.684 χ^2/NDF : 9693.8/21

63.338 ± 0.922 χ^2/NDF : 343.5/11

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.807+/-0.656 χ^2/NDF : 59.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.928+/-0.652 χ^2/NDF : 55.3/11

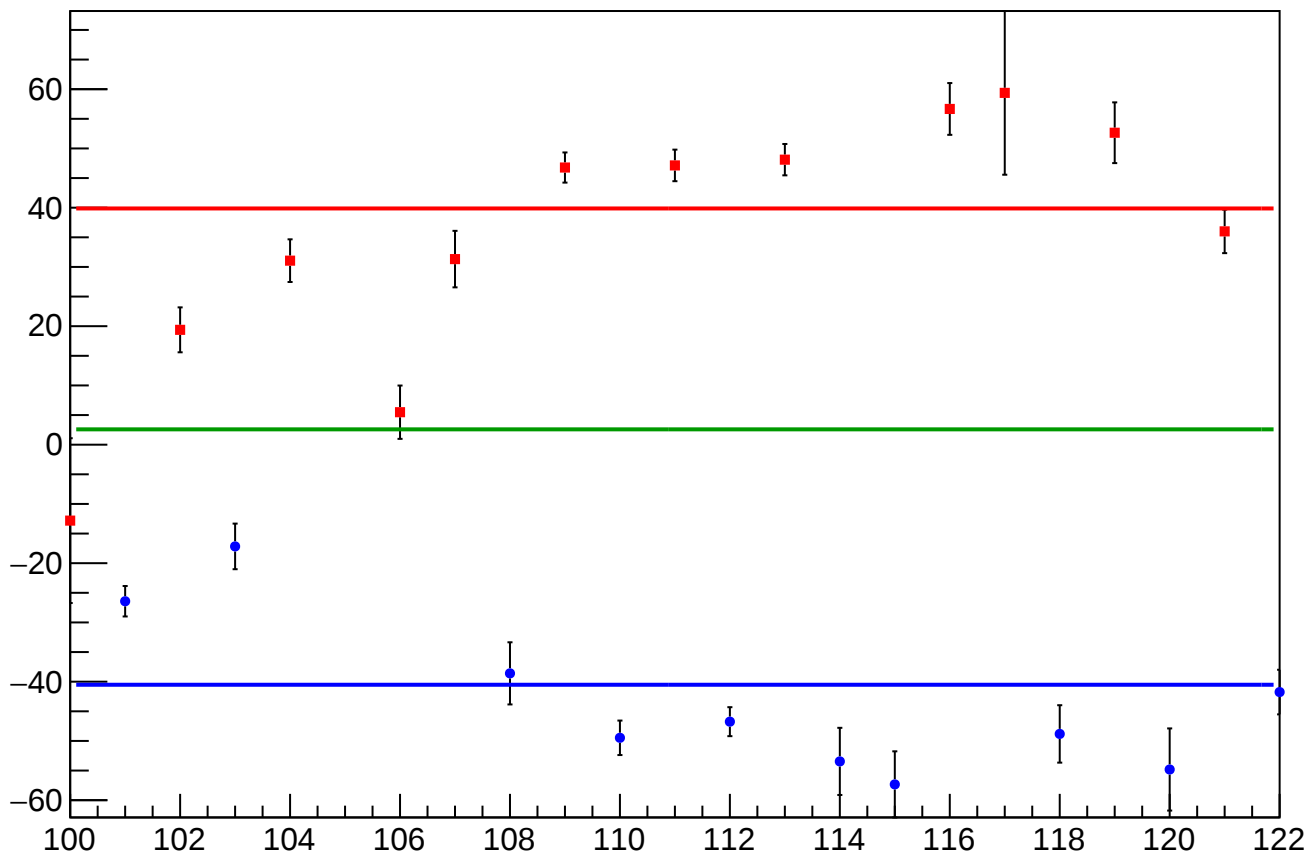
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.807+/-0.656 χ^2/NDF : 59.5/9

0.070+/-0.462 χ^2/NDF : 131.1/21

1.928+/-0.652 χ^2/NDF : 55.3/11

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -40.518 ± 1.164 $\chi^2/\text{NDF}: 104.6/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 39.869 ± 1.083 $\chi^2/\text{NDF}: 159.7/11$

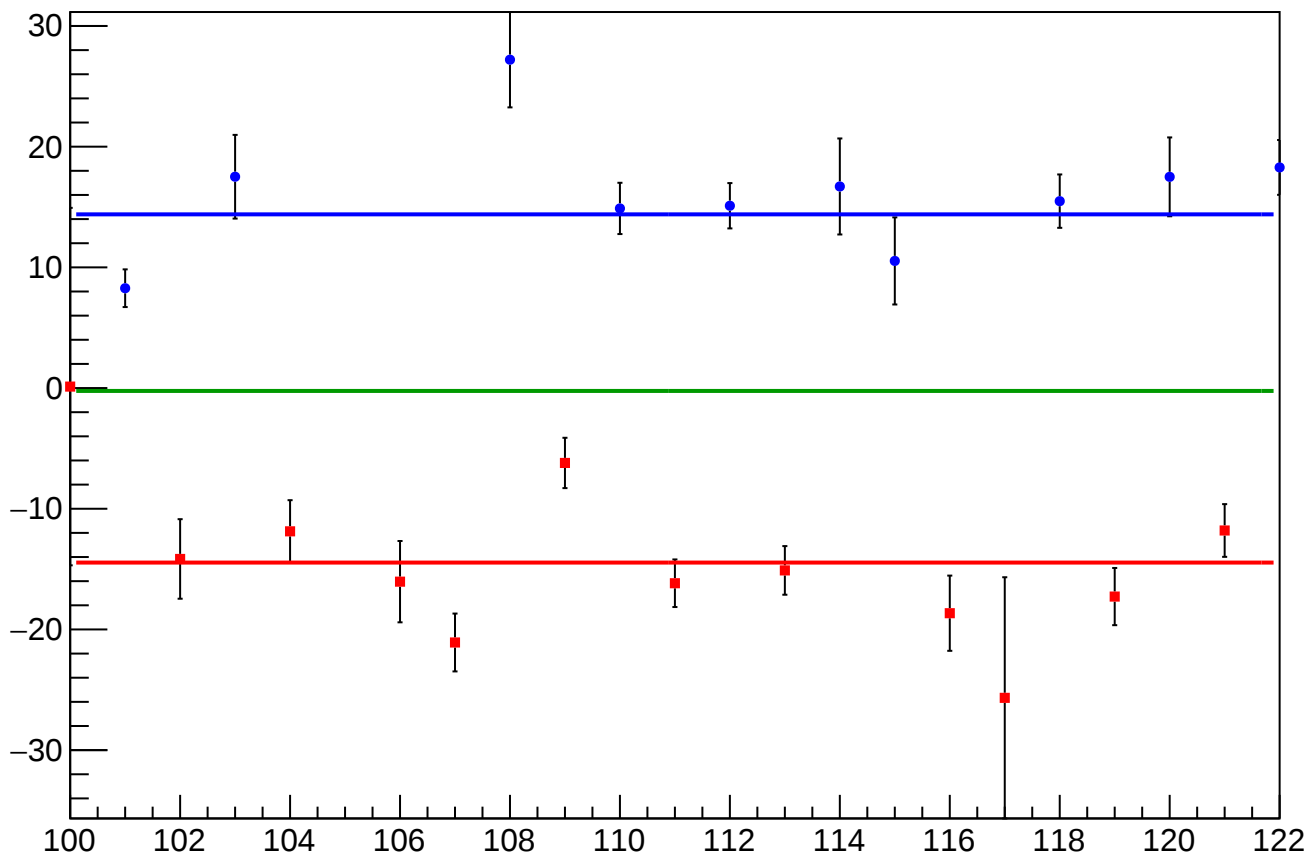
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-40.518 ± 1.164 $\chi^2/\text{NDF}: 104.6/9$

2.589 ± 0.793 $\chi^2/\text{NDF}: 2821.3/21$

39.869 ± 1.083 $\chi^2/\text{NDF}: 159.7/11$

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 14.392+/-0.768 χ^2/NDF : 32.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.459+/-0.757 χ^2/NDF : 32.3/11

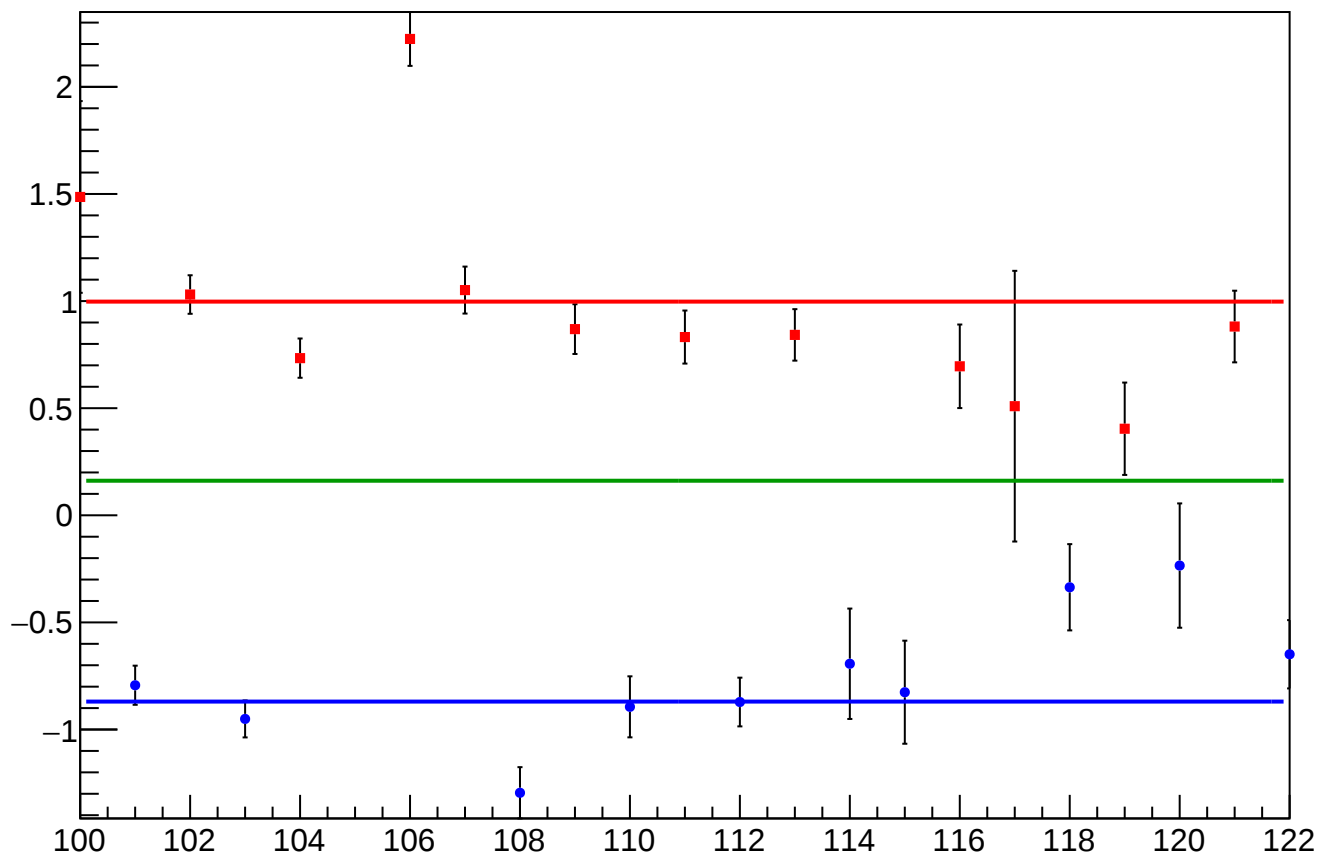
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14.392+/-0.768 χ^2/NDF : 32.4/9

-0.239+/-0.539 χ^2/NDF : 780.1/21

-14.459+/-0.757 χ^2/NDF : 32.3/11

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.870 ± 0.042 $\chi^2/\text{NDF}: 28.5/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.998 ± 0.038 $\chi^2/\text{NDF}: 120.7/11$

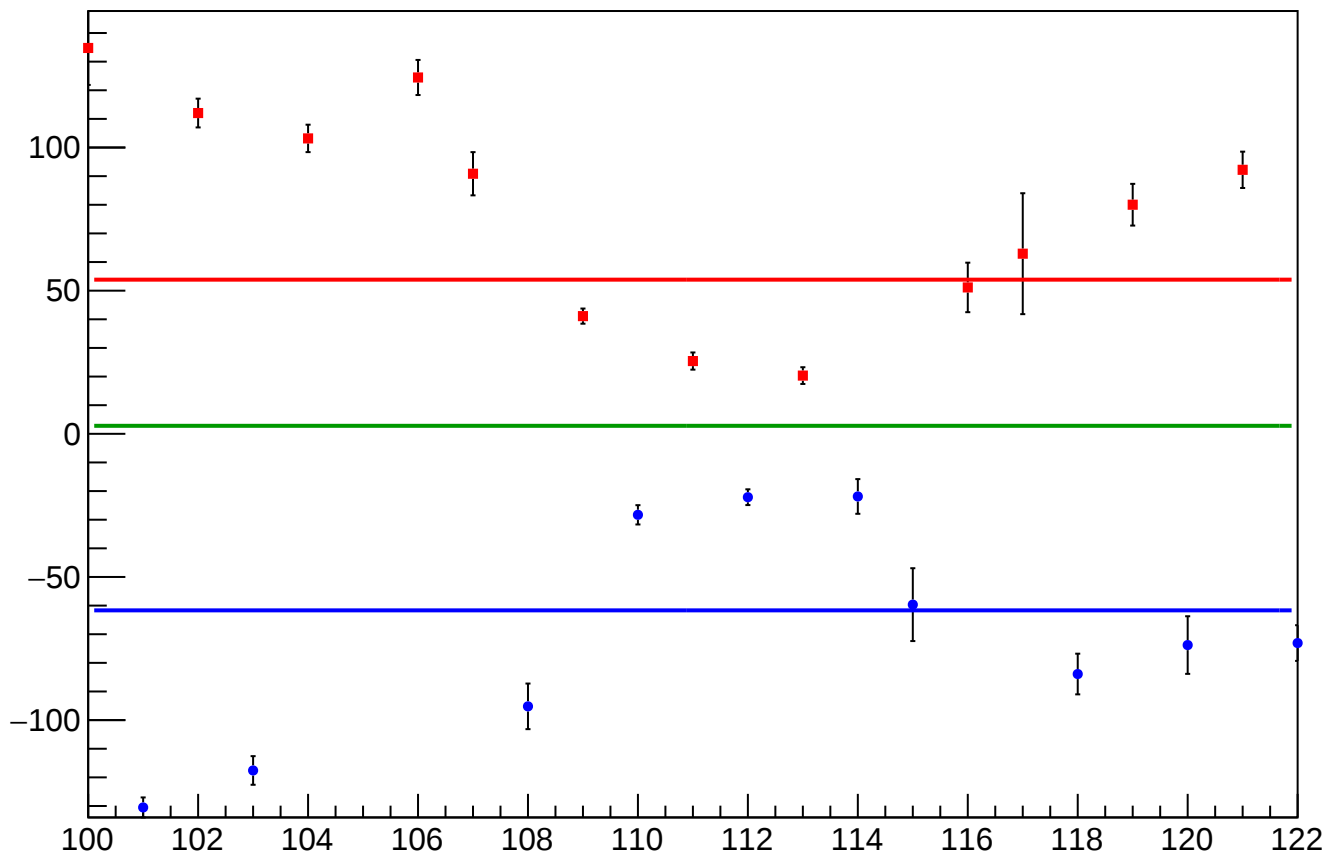
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.870 ± 0.042 $\chi^2/\text{NDF}: 28.5/9$

0.161 ± 0.028 $\chi^2/\text{NDF}: 1224.6/21$

0.998 ± 0.038 $\chi^2/\text{NDF}: 120.7/11$

reg_asym_sam4_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -61.665 $\pm$ 1.497 χ^2 /NDF: 892.4/9

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

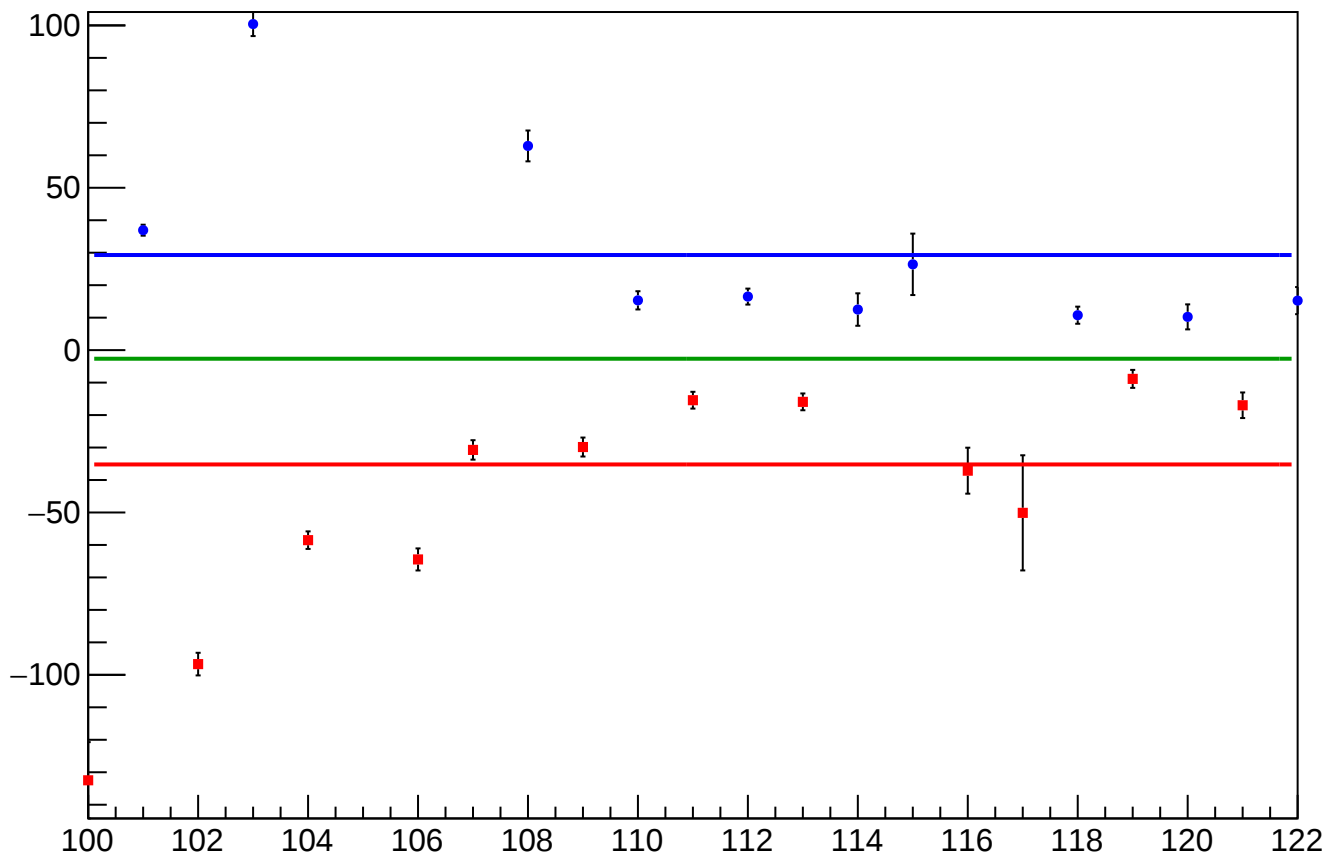
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-61.665 $\pm$ 1.497 χ^2 /NDF: 892.4/9

2.797 $\pm$ 0.995 χ^2 /NDF: 4947.0/21

53.848 $\pm$ 1.332 χ^2 /NDF: 730.6/11

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 29.290 $\pm$ 0.962 χ^2 /NDF: 587.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -35.207 $\pm$ 0.972 χ^2 /NDF: 760.9/11

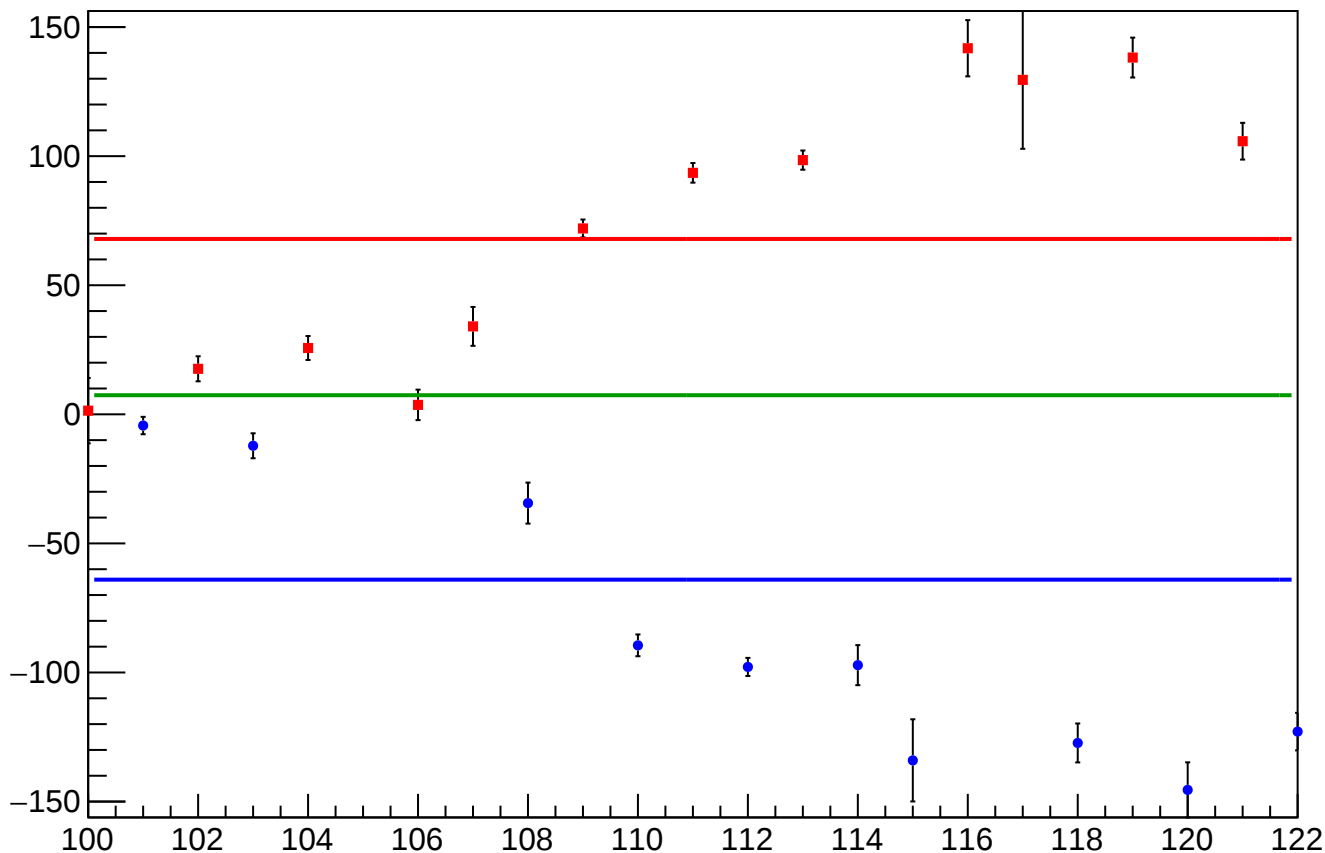
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

29.290 $\pm$ 0.962 χ^2 /NDF: 587.6/9

-2.650 $\pm$ 0.684 χ^2 /NDF: 3572.3/21

-35.207 $\pm$ 0.972 χ^2 /NDF: 760.9/11

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -64.040 $\pm$ 1.690 χ^2 /NDF: 804.2/9

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

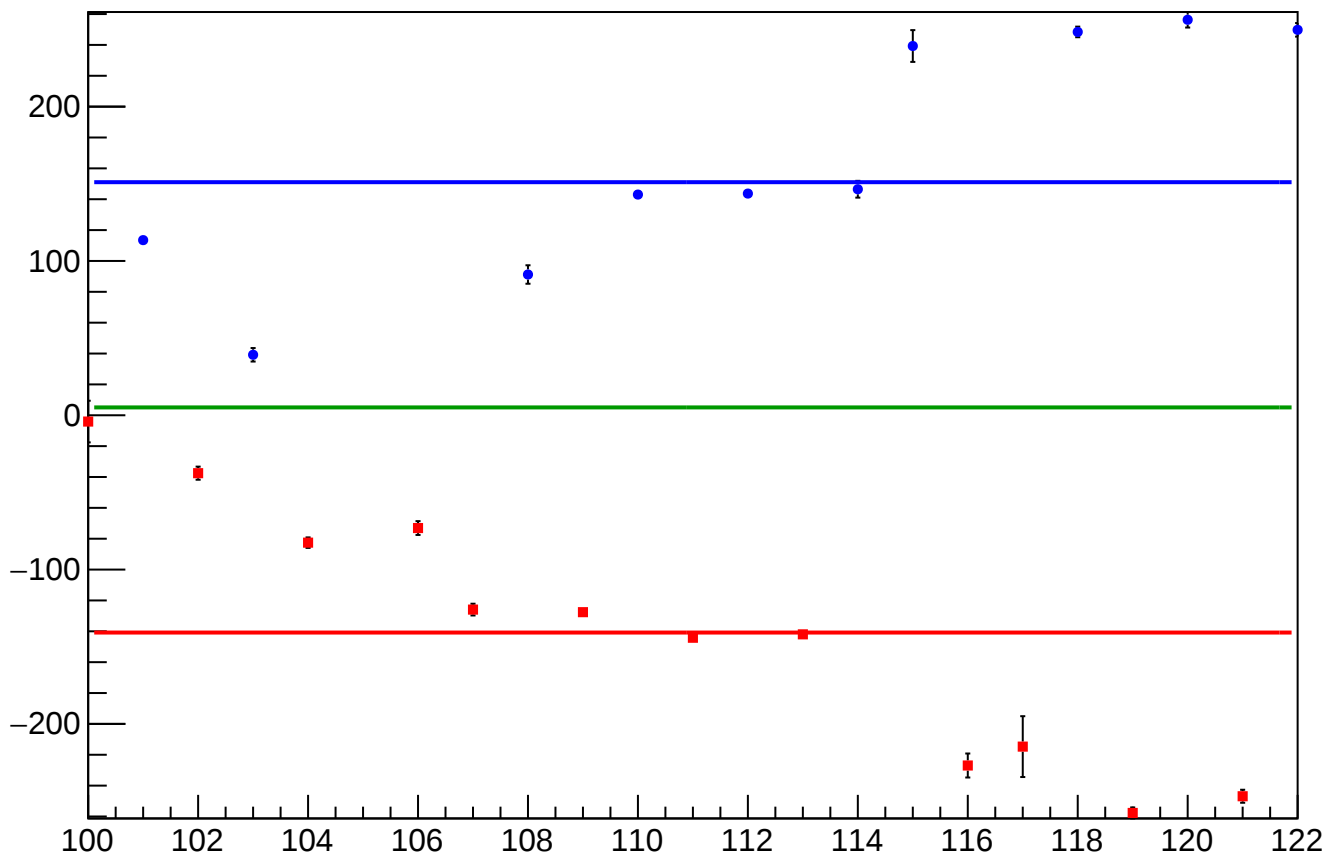
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-64.040 $\pm$ 1.690 χ^2 /NDF: 804.2/9

7.403 $\pm$ 1.144 χ^2 /NDF: 4739.3/21

67.928 $\pm$ 1.555 χ^2 /NDF: 633.6/11

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 151.044 $\pm$ 1.134 χ^2 /NDF: 2919.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -140.802 $\pm$ 1.133 χ^2 /NDF: 3096.5/11

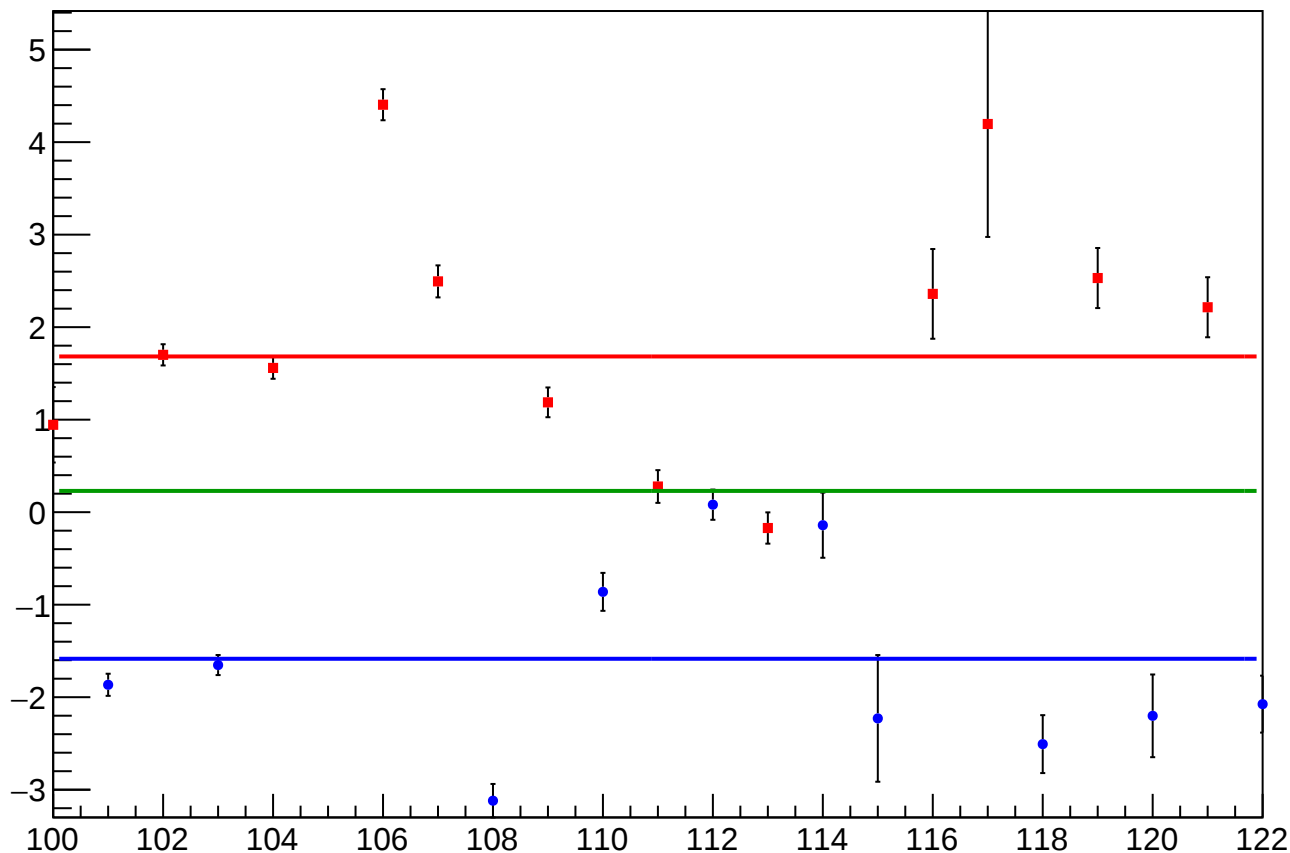
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

151.044 $\pm$ 1.134 χ^2 /NDF: 2919.2/9

5.089 $\pm$ 0.802 χ^2 /NDF: 39161.6/21

-140.802 $\pm$ 1.133 χ^2 /NDF: 3096.5/11

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.585+/-0.059 χ^2/NDF : 225.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.683+/-0.053 χ^2/NDF : 497.5/11

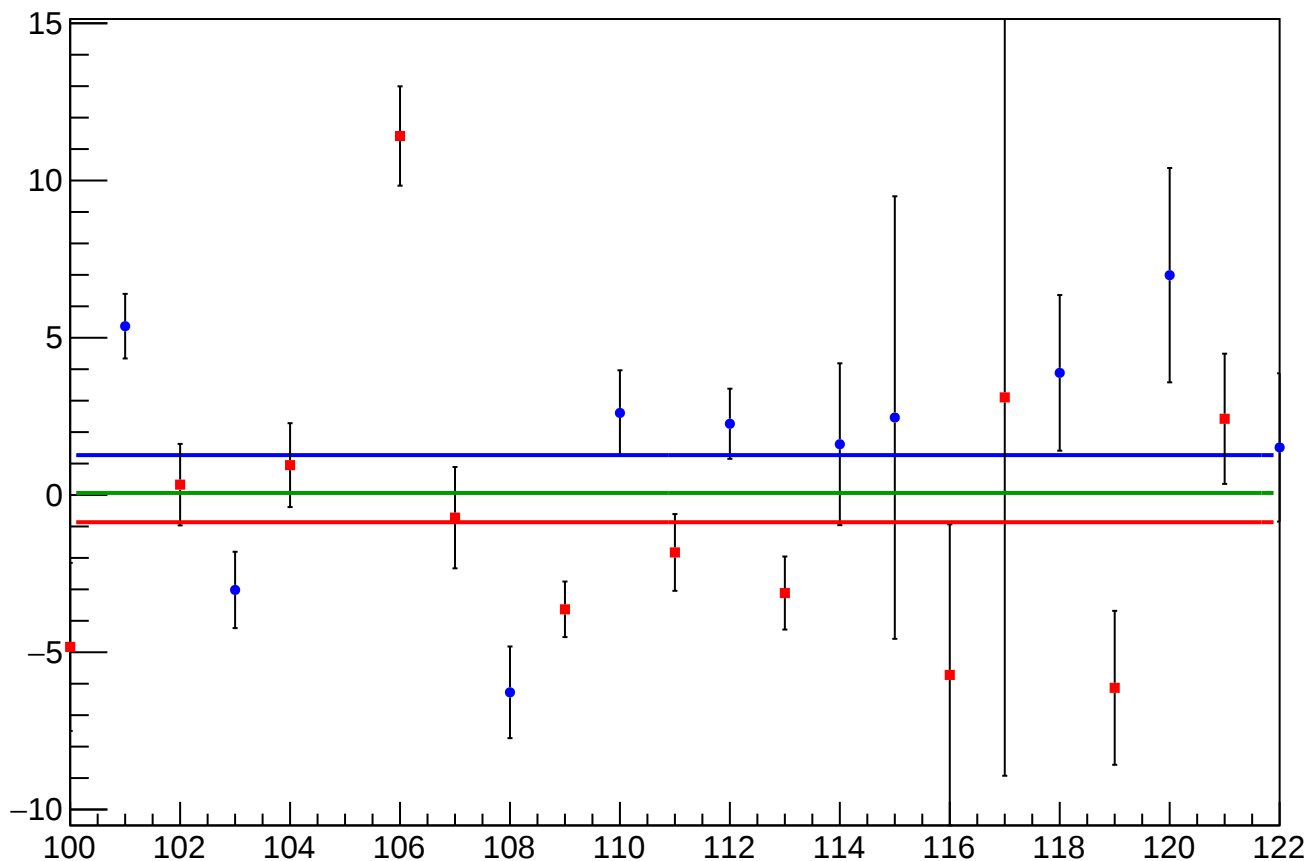
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.585+/-0.059 χ^2/NDF : 225.0/9

0.230+/-0.040 χ^2/NDF : 2399.3/21

1.683+/-0.053 χ^2/NDF : 497.5/11

reg_asym_sam5_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.269+/-0.497 χ^2/NDF : 61.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.865+/-0.437 χ^2/NDF : 87.9/11

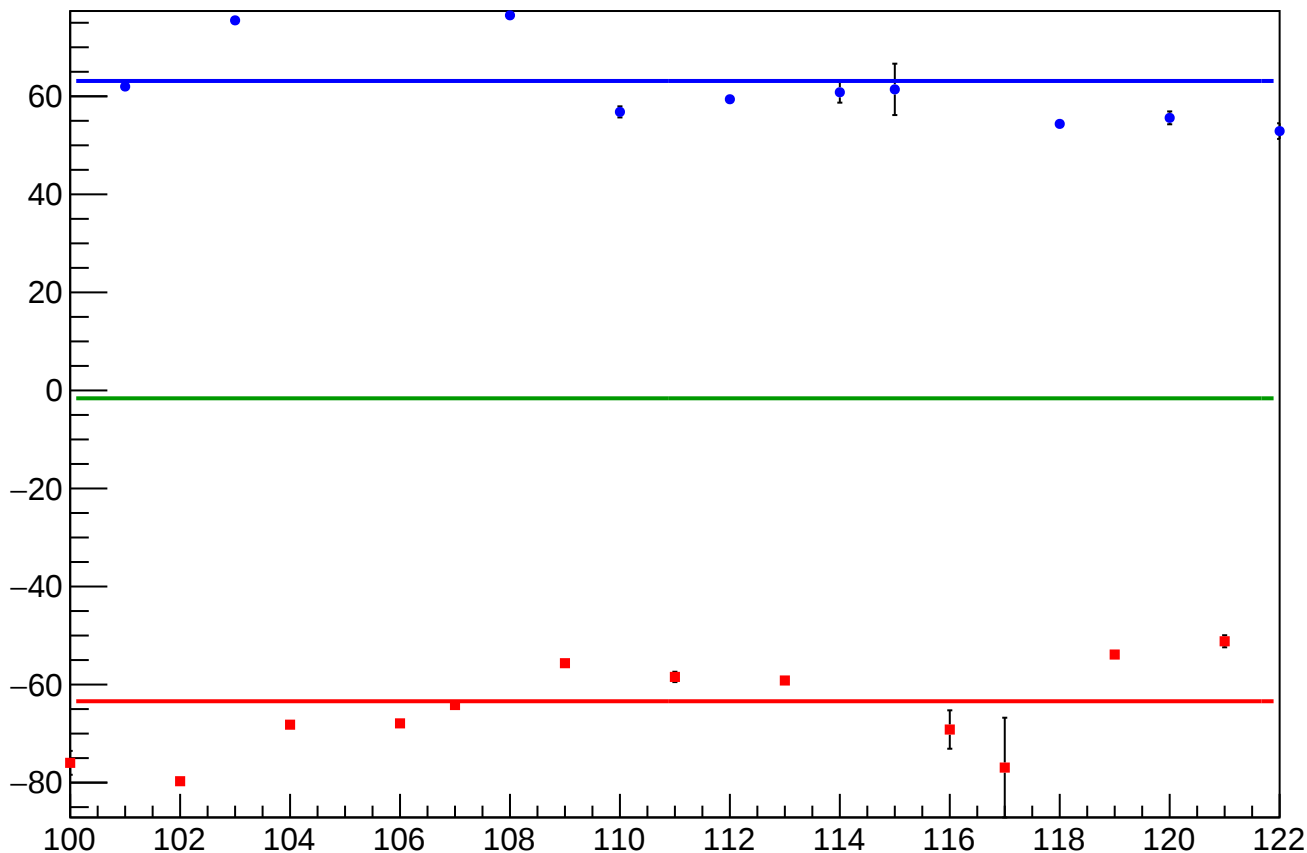
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.269+/-0.497 χ^2/NDF : 61.0/9

0.066+/-0.328 χ^2/NDF : 159.3/21

-0.865+/-0.437 χ^2/NDF : 87.9/11

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 63.128+/-0.306 χ^2/NDF : 635.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -63.403+/-0.299 χ^2/NDF : 699.9/11

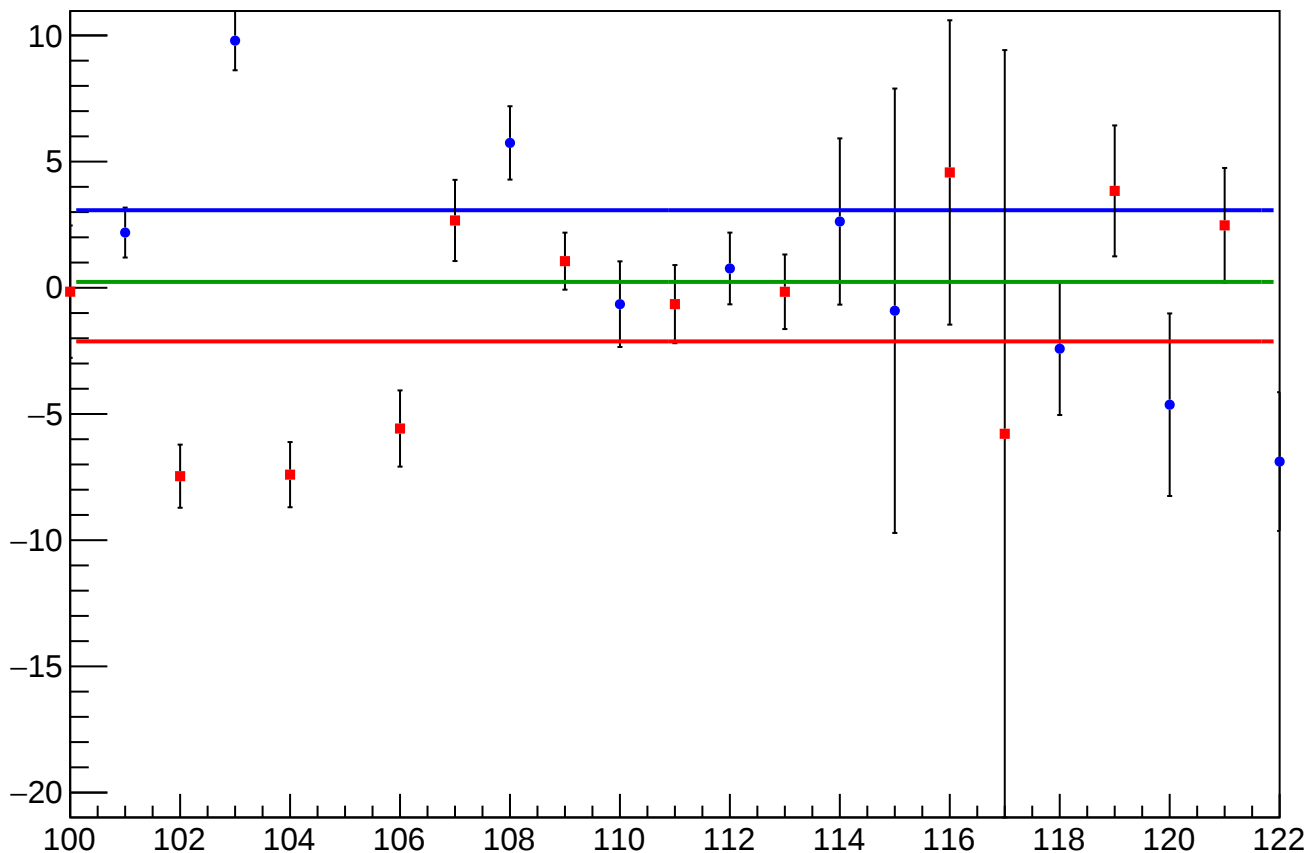
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

63.128+/-0.306 χ^2/NDF : 635.9/9

-1.608+/-0.214 χ^2/NDF : 88910.3/21

-63.403+/-0.299 χ^2/NDF : 699.9/11

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.074+/-0.533 χ^2/NDF : 66.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.124+/-0.485 χ^2/NDF : 70.9/11

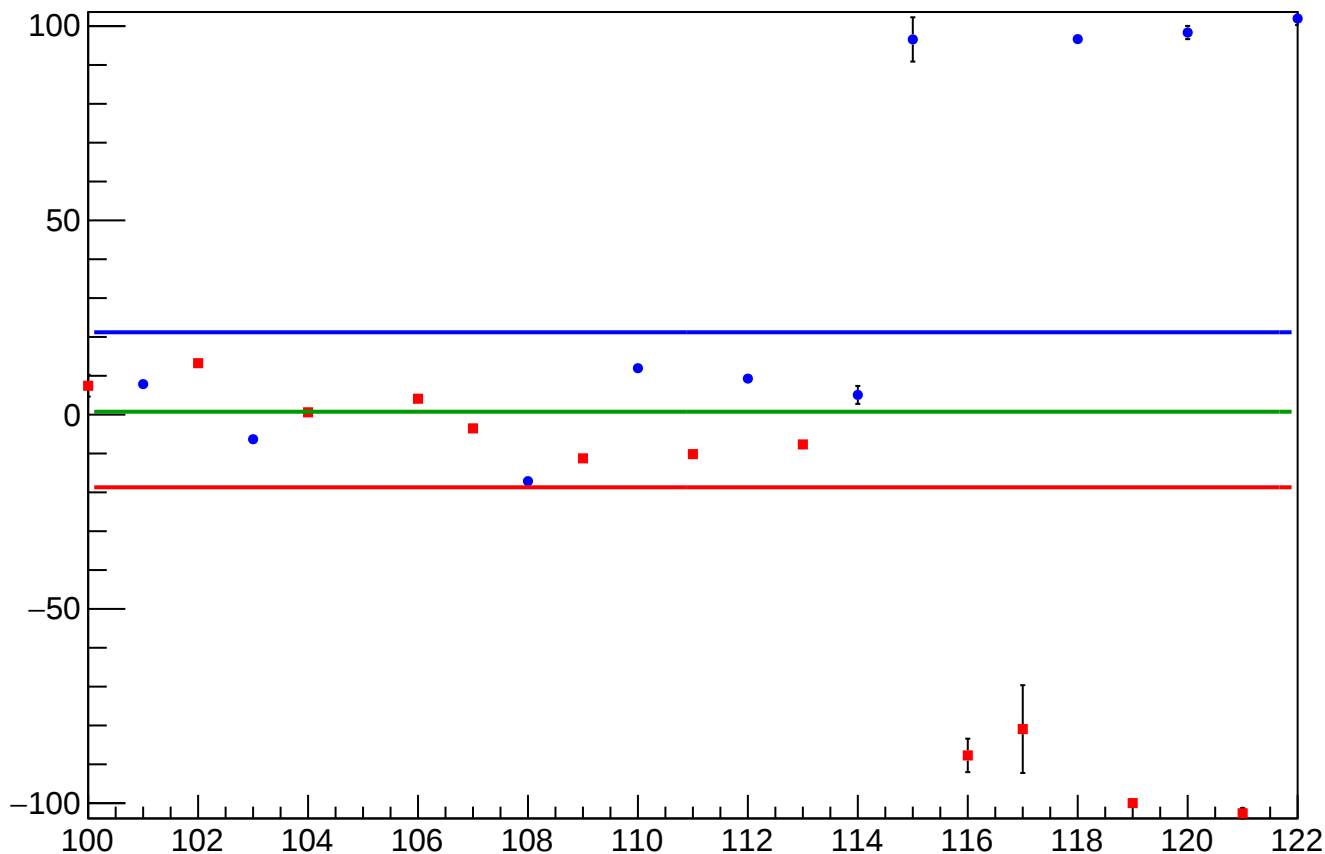
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.074+/-0.533 χ^2/NDF : 66.6/9

0.234+/-0.359 χ^2/NDF : 189.5/21

-2.124+/-0.485 χ^2/NDF : 70.9/11

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 21.200+/-0.366 χ^2/NDF : 11087.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.695+/-0.357 χ^2/NDF : 10989.8/11

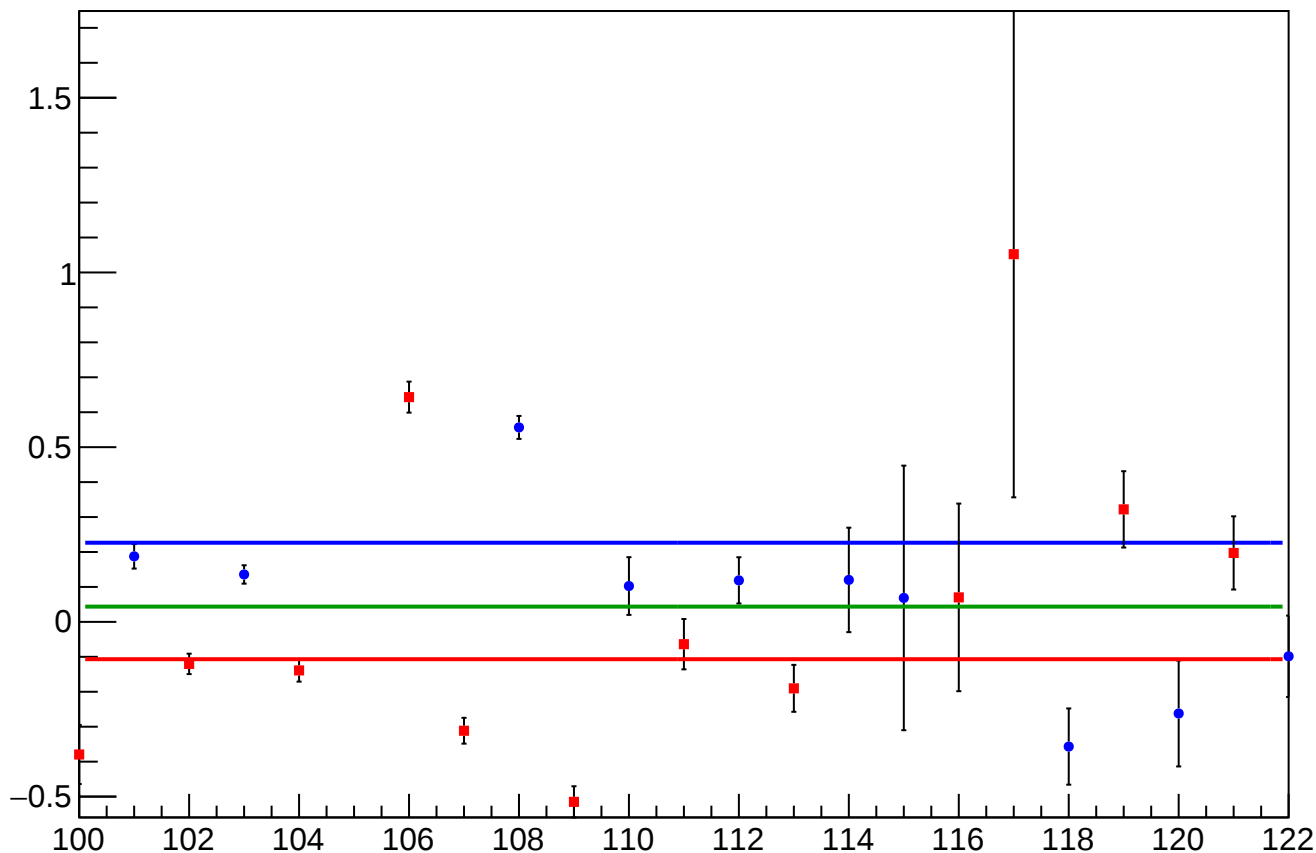
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

21.200+/-0.366 χ^2/NDF : 11087.3/9

0.751+/-0.255 χ^2/NDF : 28177.3/21

-18.695+/-0.357 χ^2/NDF : 10989.8/11

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.227 ± 0.016 $\chi^2/\text{NDF}: 166.4/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.107 ± 0.015 $\chi^2/\text{NDF}: 441.1/11$

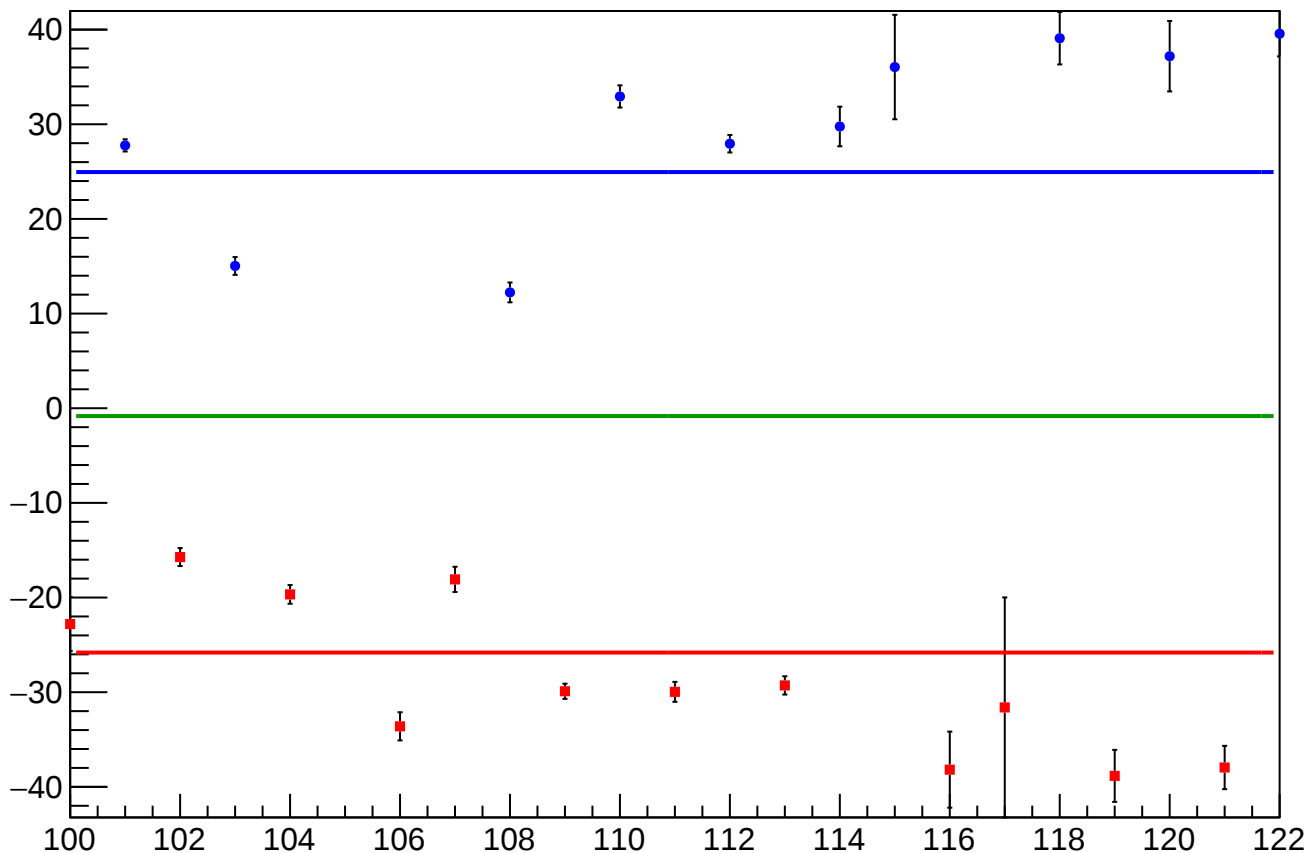
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

0.227 ± 0.016 $\chi^2/\text{NDF}: 166.4/9$

0.044 ± 0.011 $\chi^2/\text{NDF}: 839.8/21$

-0.107 ± 0.015 $\chi^2/\text{NDF}: 441.1/11$

reg_asym_sam6_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 24.951 ± 0.379 χ^2/NDF : 417.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -25.812 ± 0.373 χ^2/NDF : 328.3/11

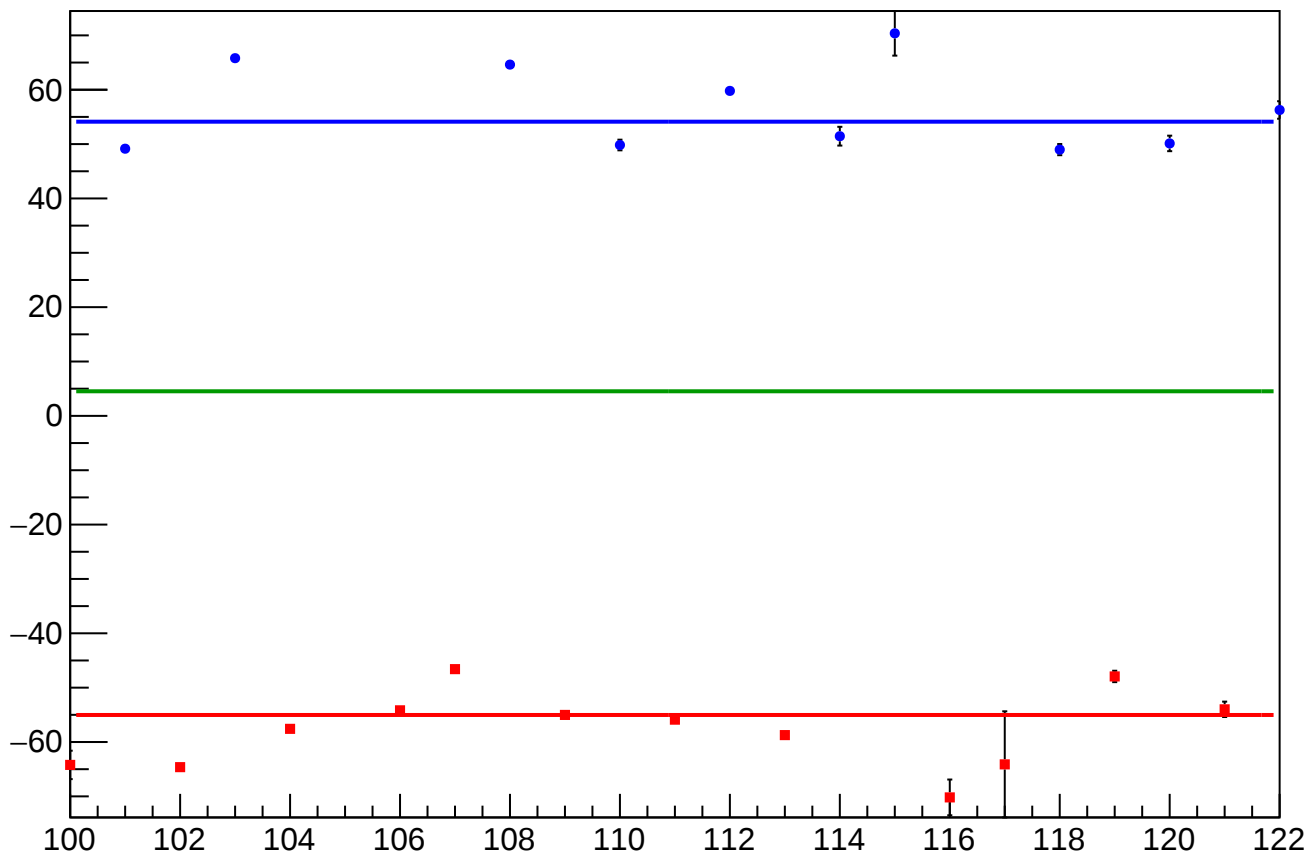
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

24.951 ± 0.379 χ^2/NDF : 417.5/9

-0.827 ± 0.266 χ^2/NDF : 9866.9/21

-25.812 ± 0.373 χ^2/NDF : 328.3/11

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 54.122+/-0.229 χ^2 /NDF: 919.2/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -55.026+/-0.251 χ^2 /NDF: 565.7/11

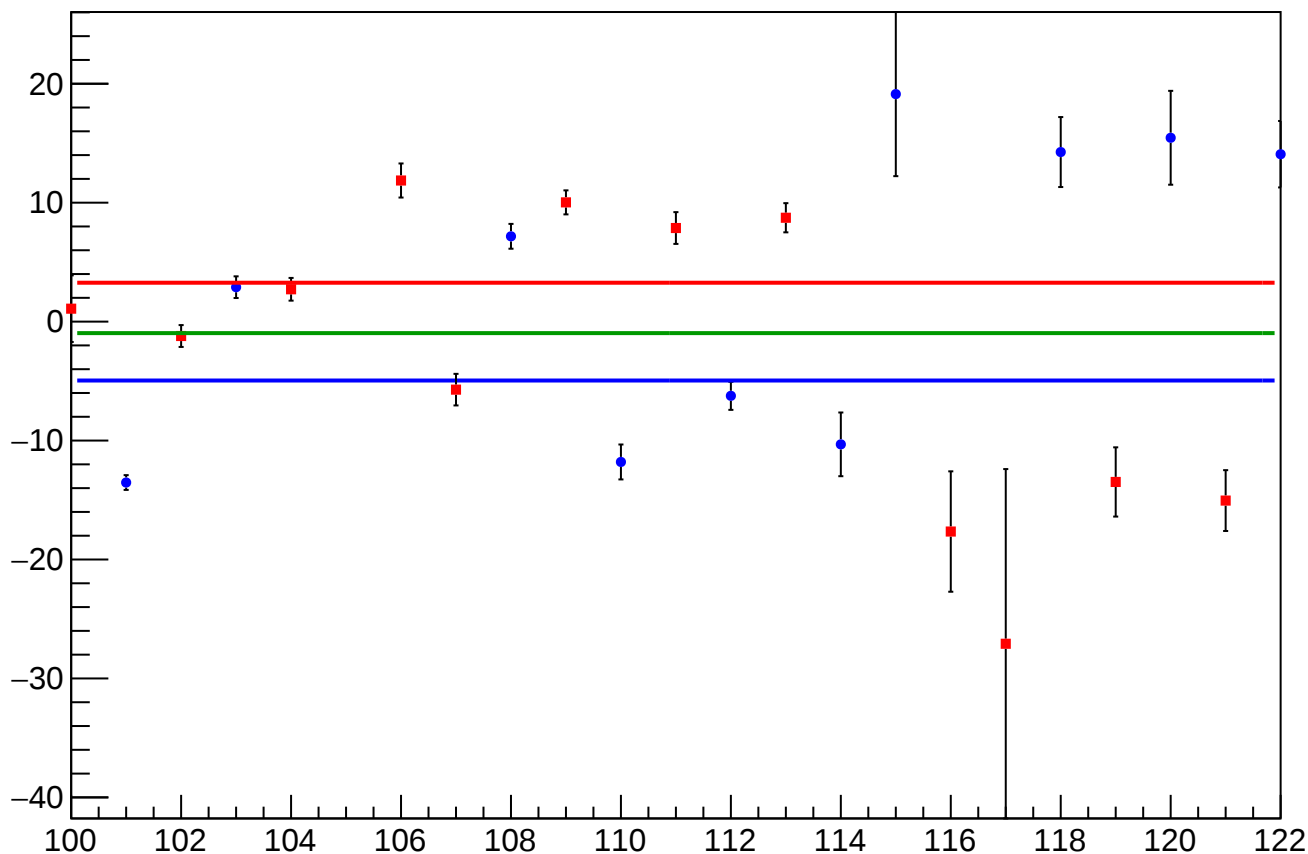
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

54.122+/-0.229 χ^2 /NDF: 919.2/9

4.523+/-0.169 χ^2 /NDF: 104625.7/21

-55.026+/-0.251 χ^2 /NDF: 565.7/11

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.951+/-0.396 χ^2 /NDF: 554.4/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 3.270+/-0.409 χ^2 /NDF: 288.8/11

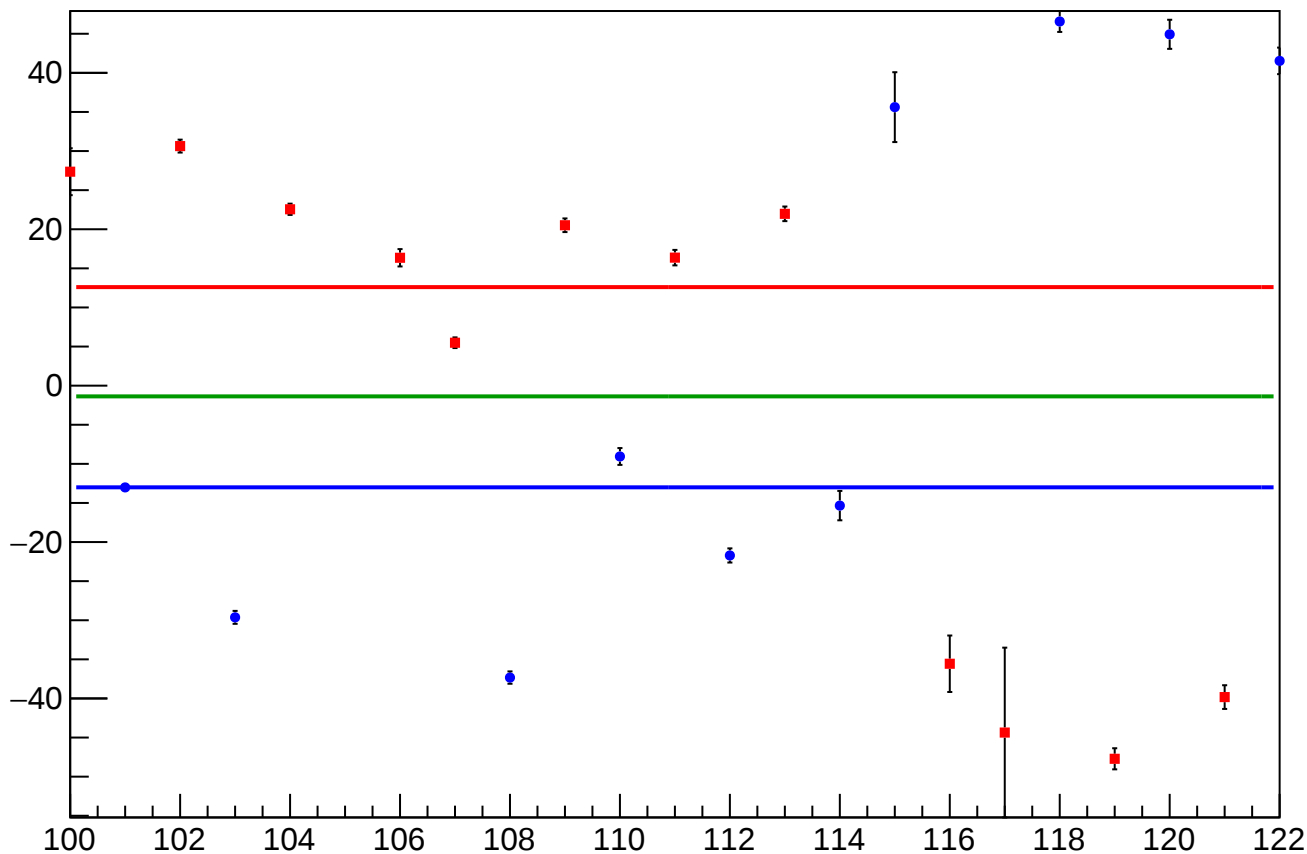
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-4.951+/-0.396 χ^2 /NDF: 554.4/9

-0.966+/-0.285 χ^2 /NDF: 1051.6/21

3.270+/-0.409 χ^2 /NDF: 288.8/11

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -13.002 $\pm$ 0.275 χ^2 /NDF: 5570.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 12.601 $\pm$ 0.301 χ^2 /NDF: 4410.6/11

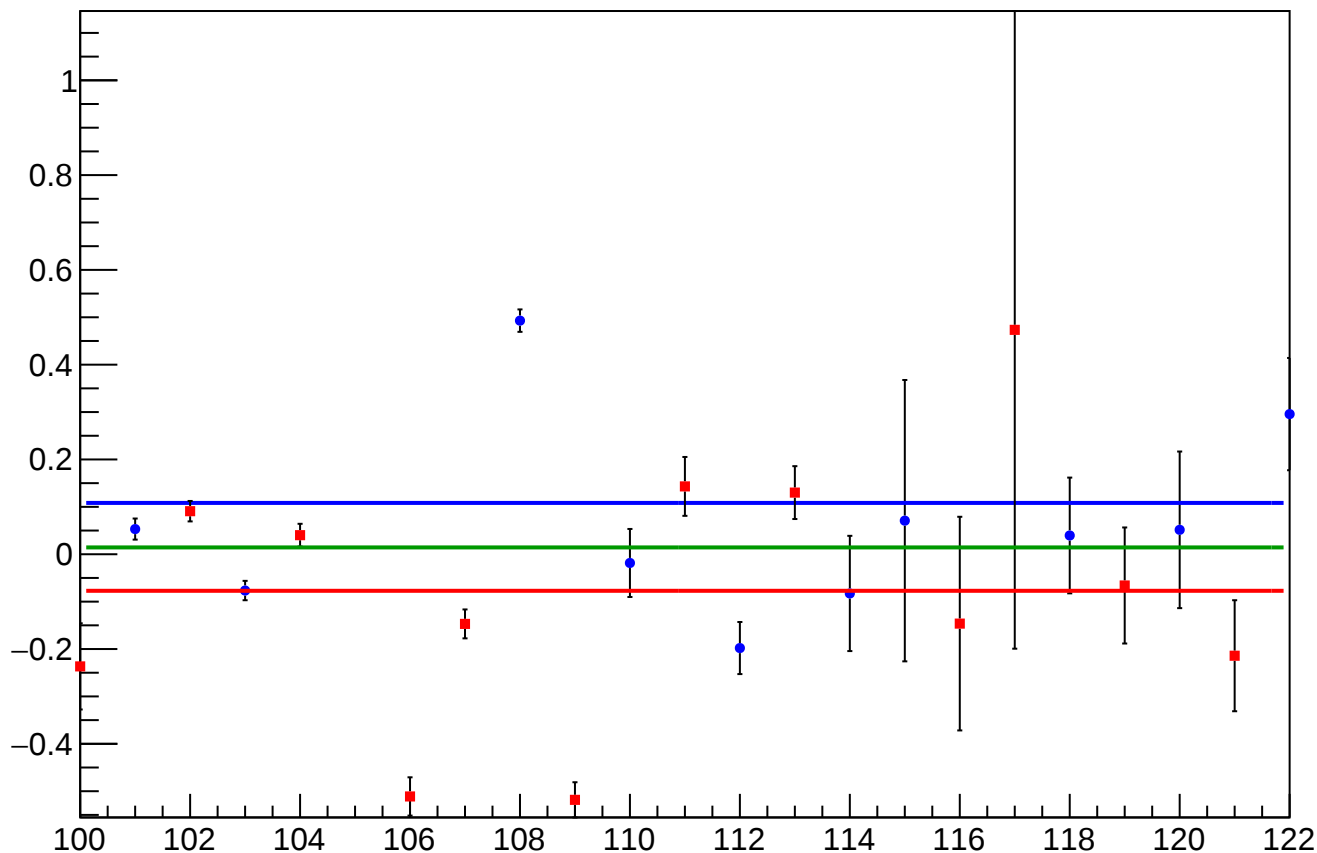
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-13.002 $\pm$ 0.275 χ^2 /NDF: 5570.2/9

-1.372 $\pm$ 0.203 χ^2 /NDF: 13923.9/21

12.601 $\pm$ 0.301 χ^2 /NDF: 4410.6/11

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.108 $\pm$ 0.012 χ^2 /NDF: 392.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.077 $\pm$ 0.012 χ^2 /NDF: 377.8/11

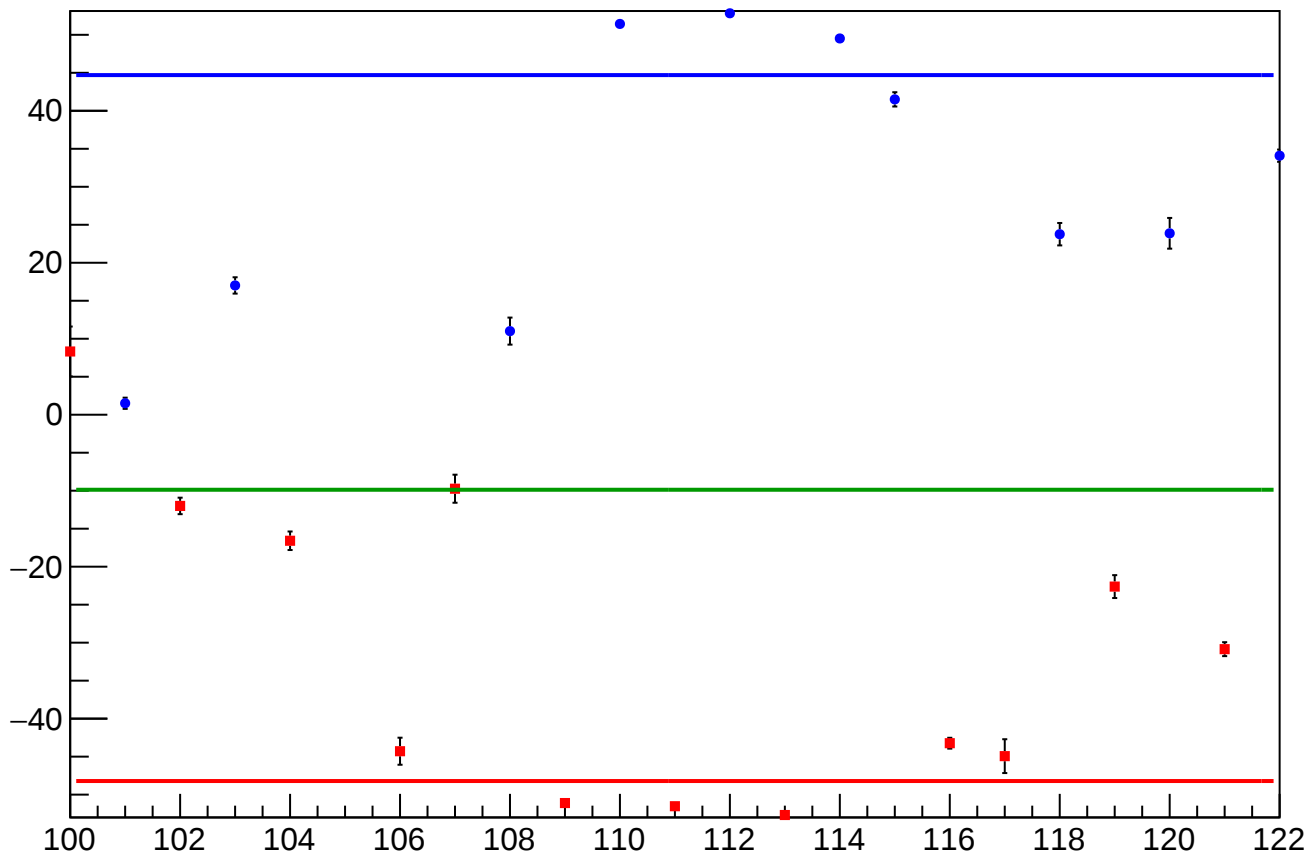
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.108 $\pm$ 0.012 χ^2 /NDF: 392.1/9

0.014 $\pm$ 0.008 χ^2 /NDF: 891.5/21

-0.077 $\pm$ 0.012 χ^2 /NDF: 377.8/11

reg_asym_sam7_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 44.699+/-0.193 χ^2/NDF : 6059.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -48.210+/-0.162 χ^2/NDF : 3627.8/11

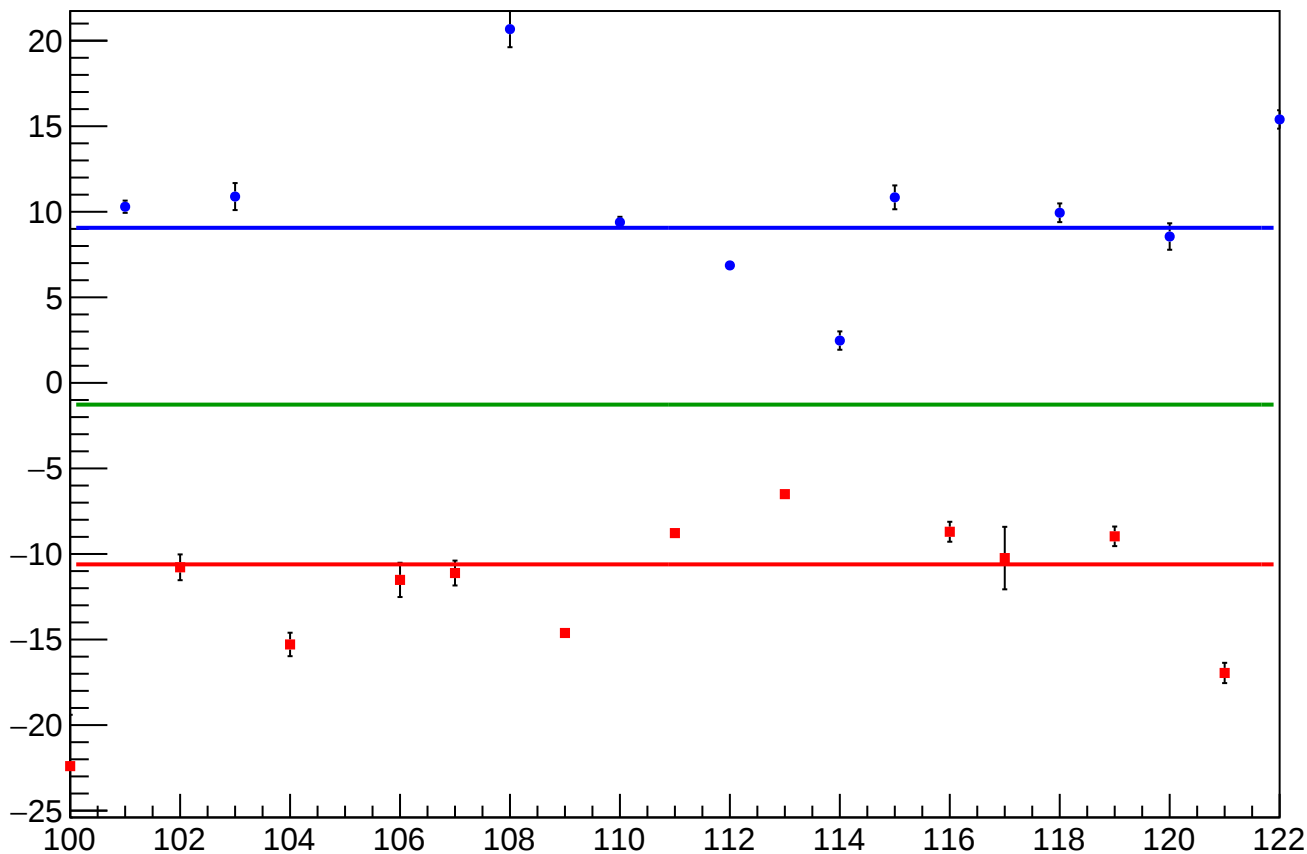
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

44.699+/-0.193 χ^2/NDF : 6059.6/9

-9.875+/-0.124 χ^2/NDF : 145800.0/21

-48.210+/-0.162 χ^2/NDF : 3627.8/11

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.064+/-0.144 χ^2/NDF : 505.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.607+/-0.137 χ^2/NDF : 656.2/11

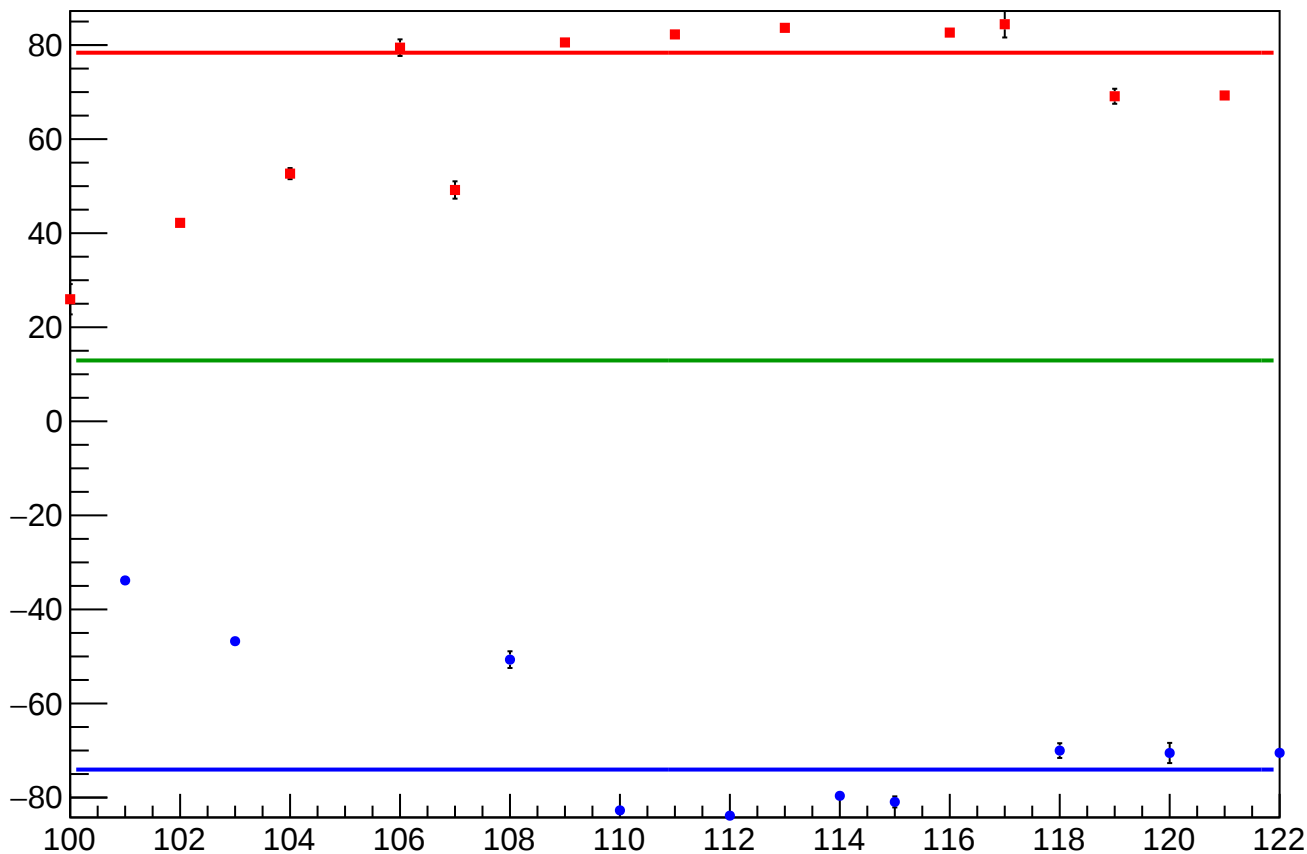
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.064+/-0.144 χ^2/NDF : 505.7/9

-1.270+/-0.099 χ^2/NDF : 10976.2/21

-10.607+/-0.137 χ^2/NDF : 656.2/11

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -74.049 ± 0.233 χ^2/NDF : 5171.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 78.374 ± 0.202 χ^2/NDF : 2610.8/11

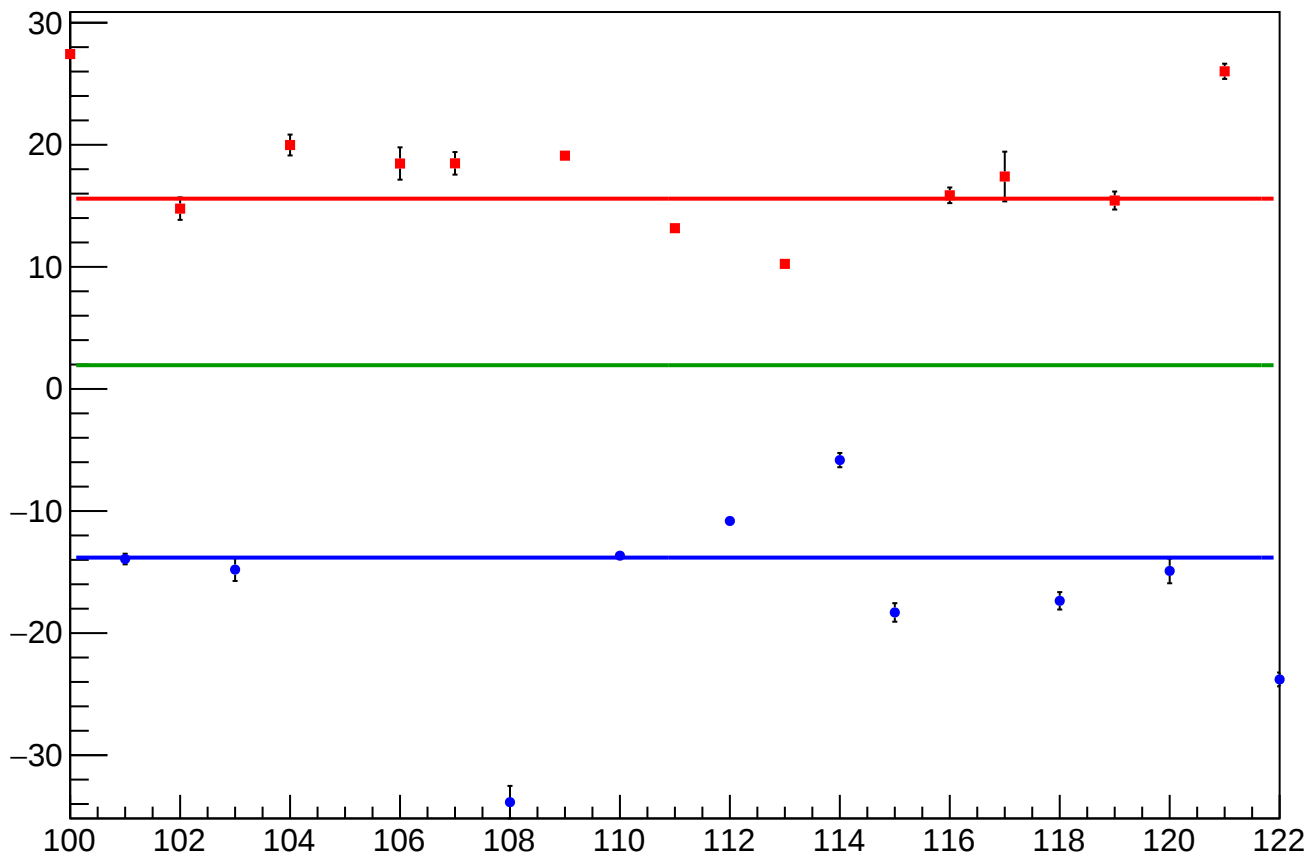
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-74.049 ± 0.233 χ^2/NDF : 5171.4/9

12.937 ± 0.152 χ^2/NDF : 252623.5/21

78.374 ± 0.202 χ^2/NDF : 2610.8/11

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -13.814 ± 0.163 $\chi^2/\text{NDF}: 890.6/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 15.589 ± 0.152 $\chi^2/\text{NDF}: 833.0/11$

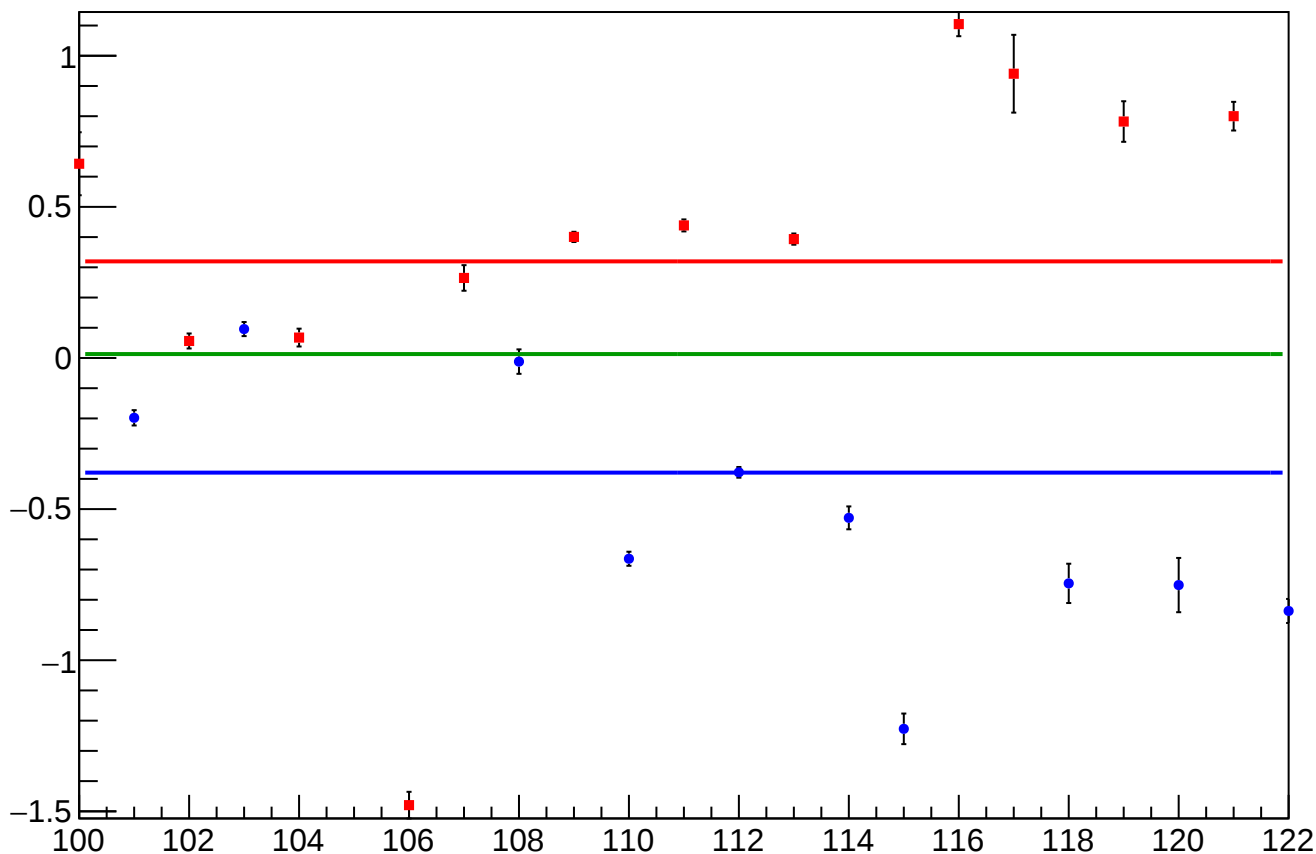
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-13.814 ± 0.163 $\chi^2/\text{NDF}: 890.6/9$

1.946 ± 0.111 $\chi^2/\text{NDF}: 19165.7/21$

15.589 ± 0.152 $\chi^2/\text{NDF}: 833.0/11$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.379+/-0.009 χ^2/NDF : 1176.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.320+/-0.008 χ^2/NDF : 2497.1/11

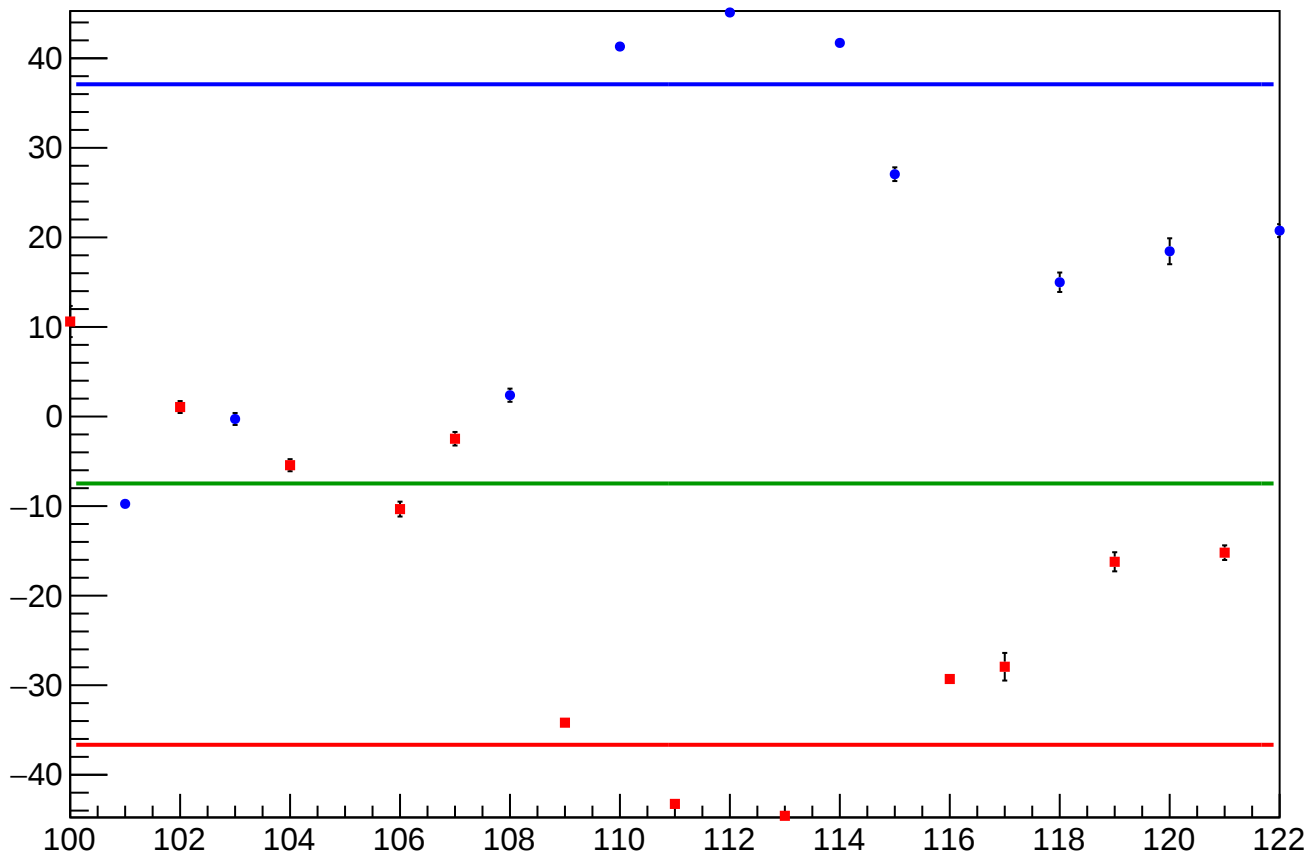
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.379+/-0.009 χ^2/NDF : 1176.9/9

0.013+/-0.006 χ^2/NDF : 6727.3/21

0.320+/-0.008 χ^2/NDF : 2497.1/11

reg_asym_sam8_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 37.097+/-0.112 χ^2 /NDF: 18987.1/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -36.652+/-0.090 χ^2 /NDF: 13982.2/11

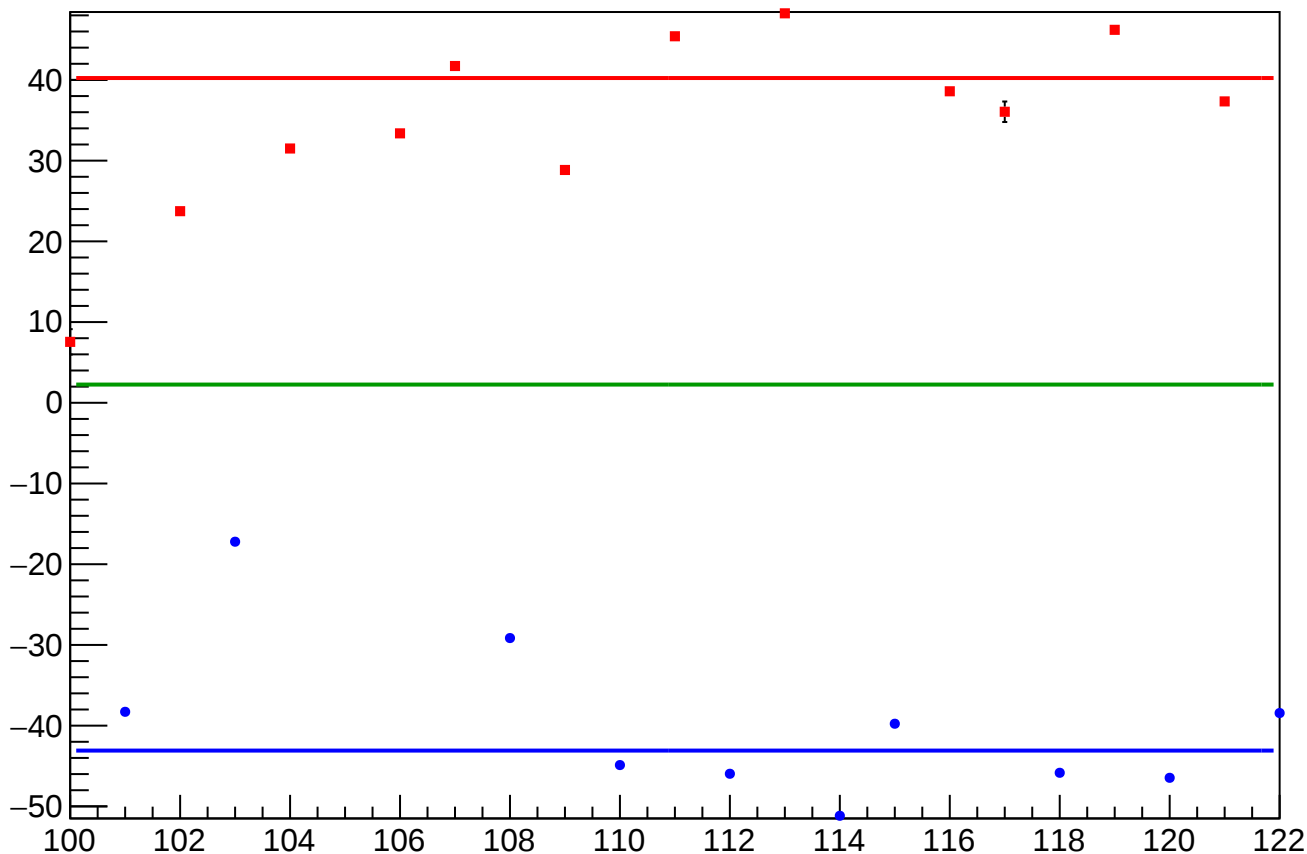
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

37.097+/-0.112 χ^2 /NDF: 18987.1/9

-7.474+/-0.070 χ^2 /NDF: 296471.8/21

-36.652+/-0.090 χ^2 /NDF: 13982.2/11

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -43.089+/-0.087 χ^2/NDF : 5403.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.235+/-0.079 χ^2/NDF : 10755.7/11

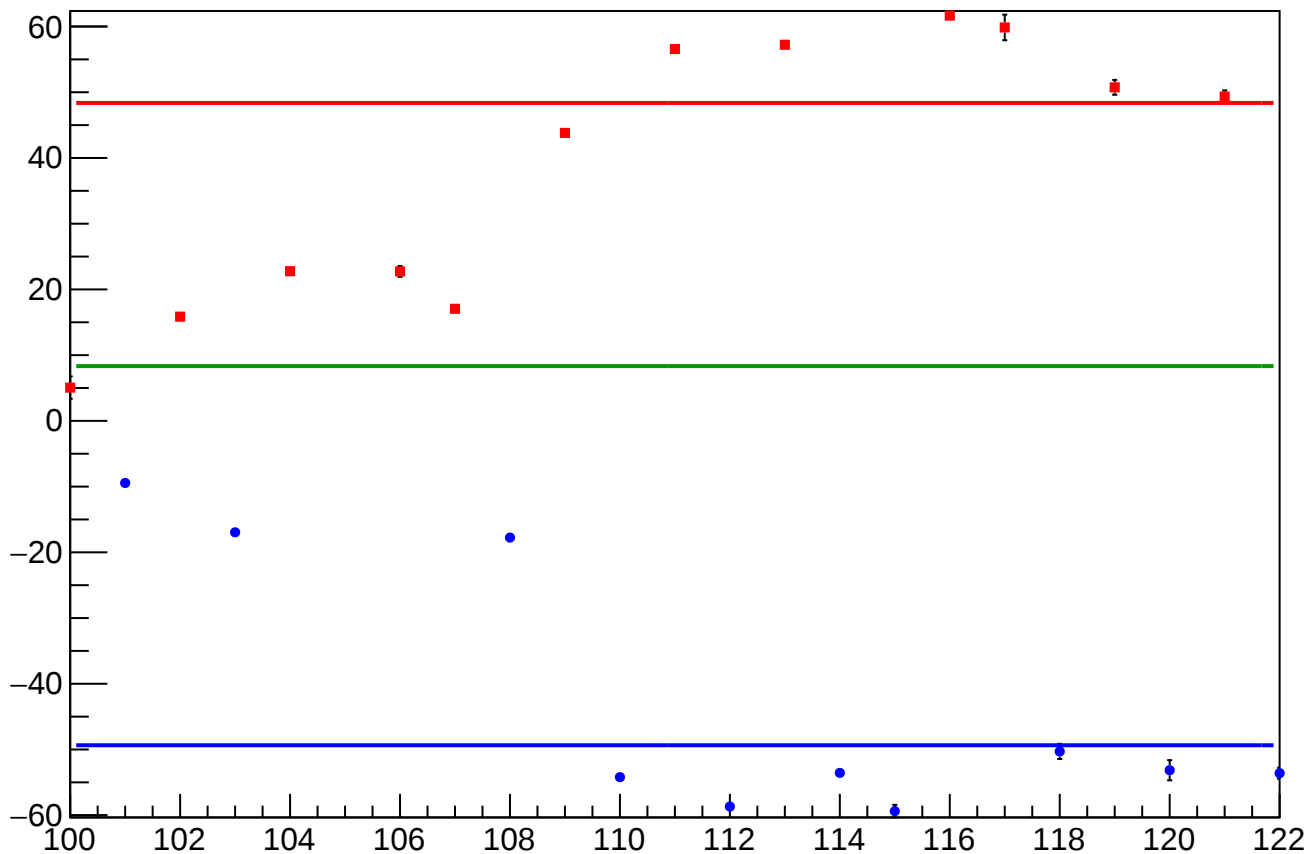
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-43.089+/-0.087 χ^2/NDF : 5403.8/9

2.258+/-0.058 χ^2/NDF : 519429.1/21

40.235+/-0.079 χ^2/NDF : 10755.7/11

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -49.354 $\pm$ 0.136 χ^2 /NDF: 14291.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 48.372 $\pm$ 0.113 χ^2 /NDF: 11233.1/11

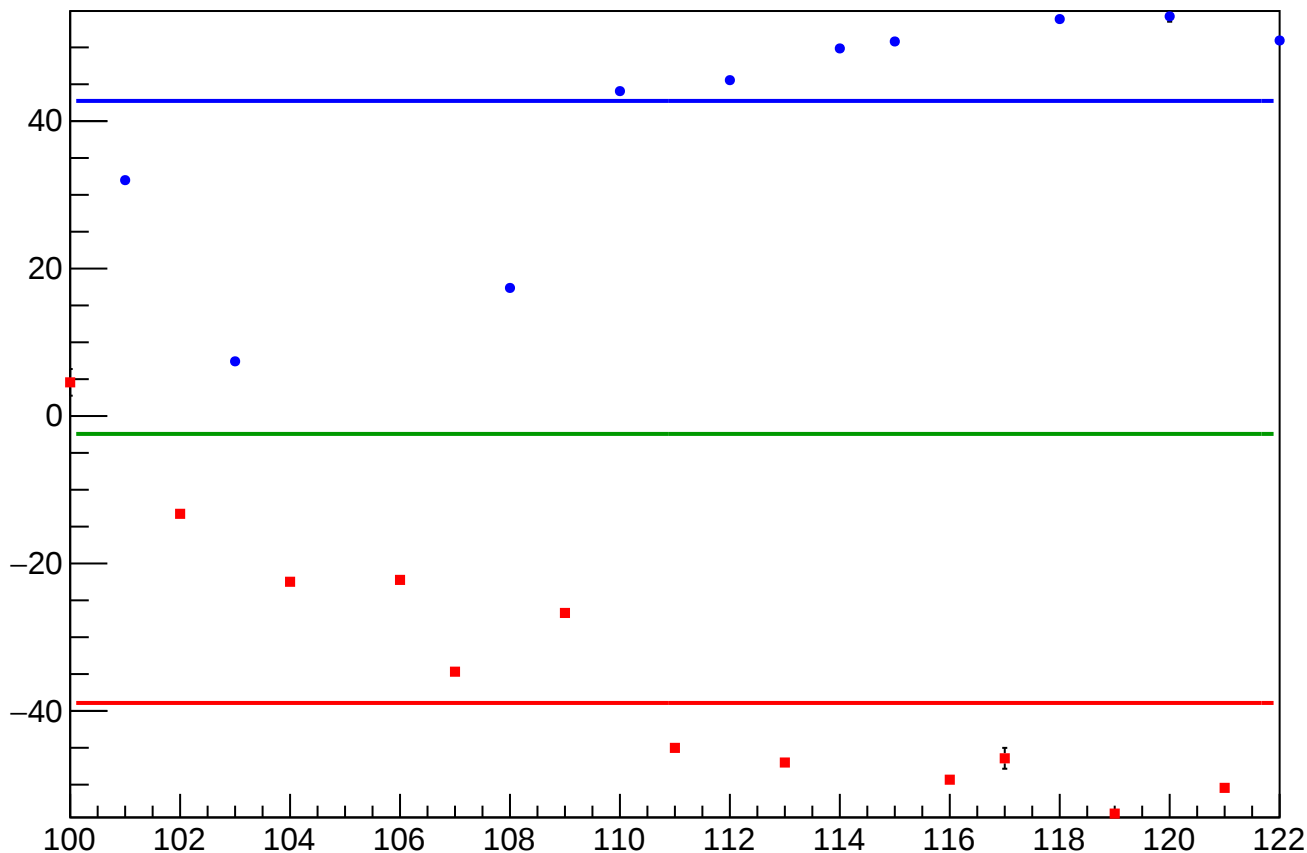
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-49.354 $\pm$ 0.136 χ^2 /NDF: 14291.0/9

8.331 $\pm$ 0.087 χ^2 /NDF: 331146.7/21

48.372 $\pm$ 0.113 χ^2 /NDF: 11233.1/11

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.741 ± 0.098 $\chi^2/\text{NDF}: 8975.2/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -38.918 ± 0.088 $\chi^2/\text{NDF}: 14573.6/11$

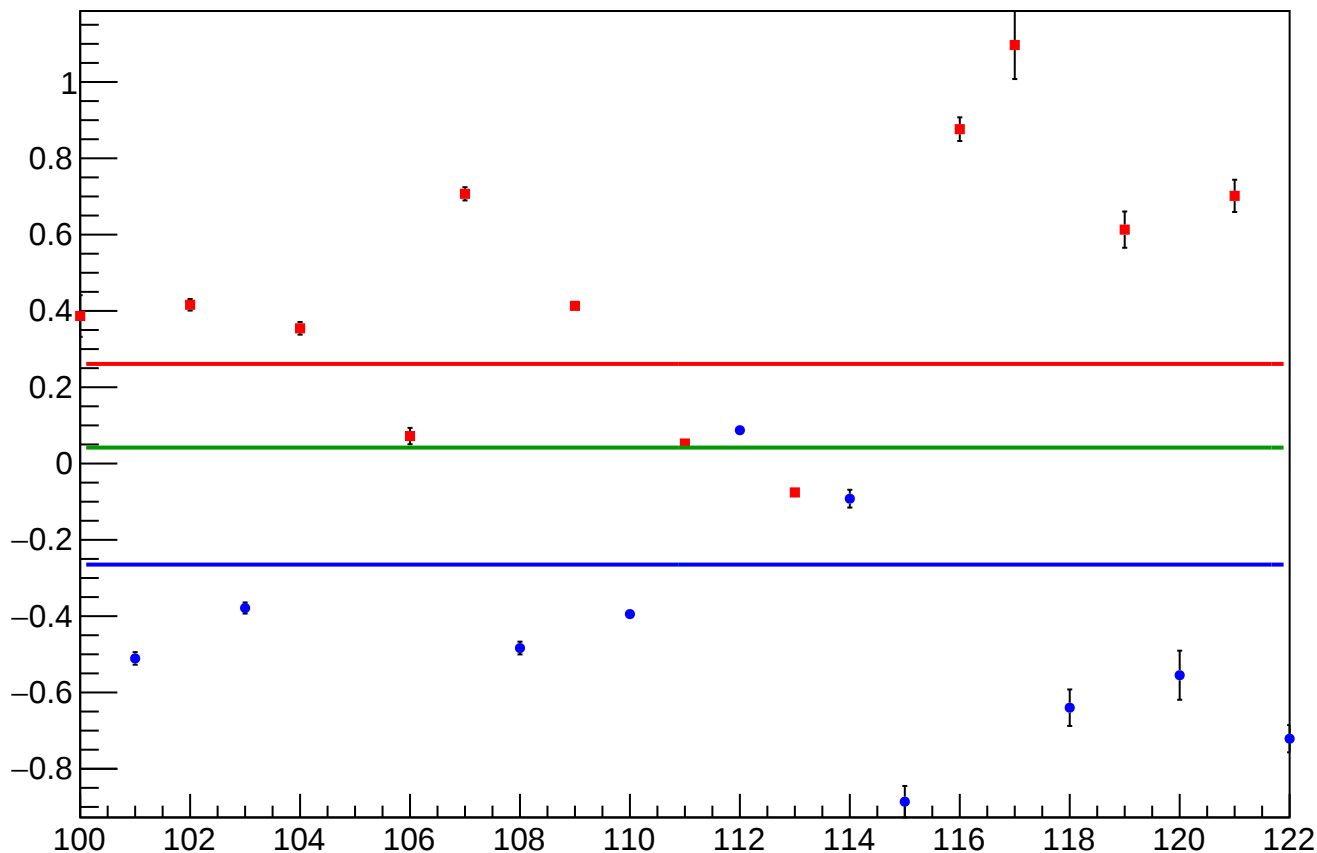
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

42.741 ± 0.098 $\chi^2/\text{NDF}: 8975.2/9$

-2.427 ± 0.065 $\chi^2/\text{NDF}: 410445.5/21$

-38.918 ± 0.088 $\chi^2/\text{NDF}: 14573.6/11$

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.265 ± 0.006 $\chi^2/\text{NDF}: 2394.4/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.261 ± 0.005 $\chi^2/\text{NDF}: 3210.3/11$

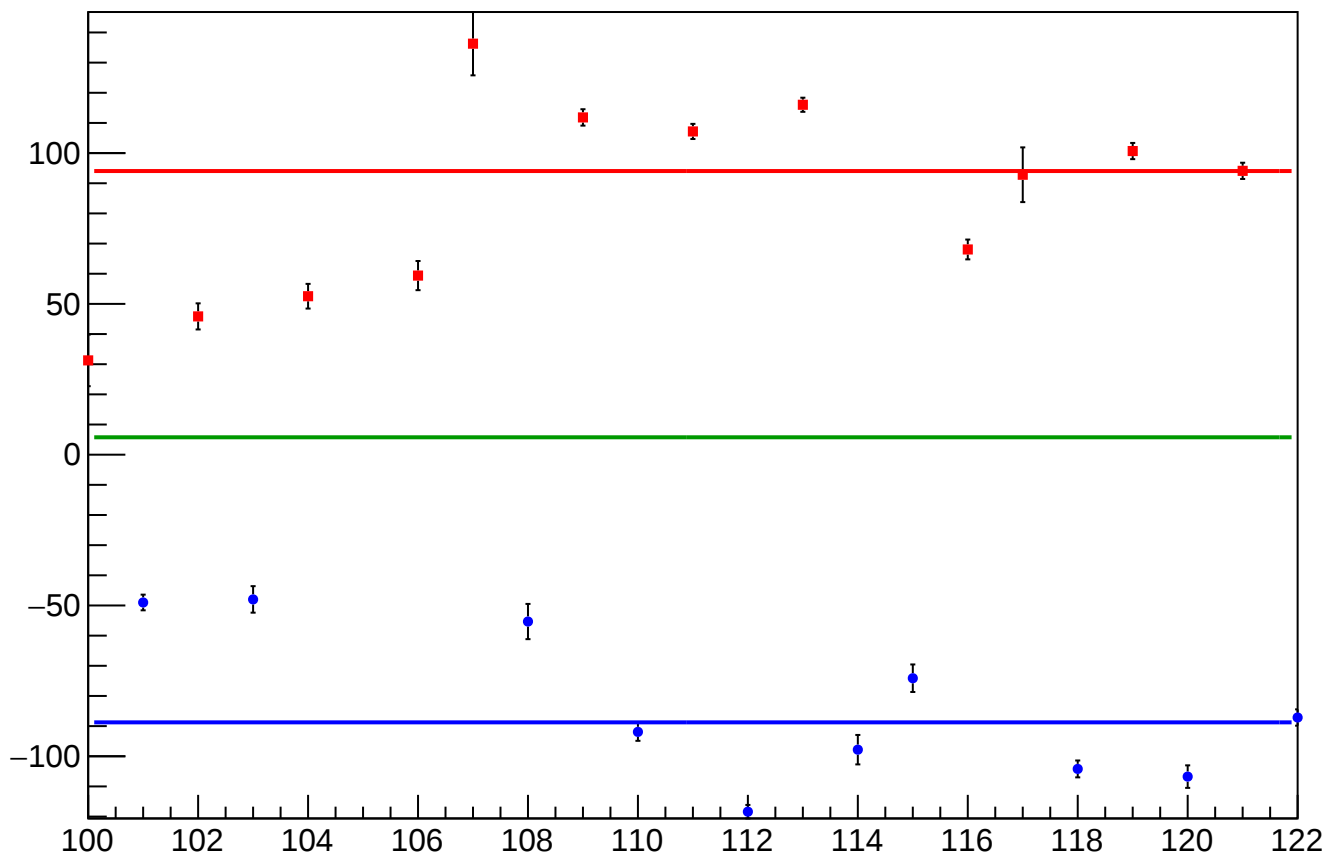
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.265 ± 0.006 $\chi^2/\text{NDF}: 2394.4/9$

0.042 ± 0.004 $\chi^2/\text{NDF}: 10900.6/21$

0.261 ± 0.005 $\chi^2/\text{NDF}: 3210.3/11$

reg_asym_usl_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -88.756+/-1.017 χ^2/NDF : 596.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.050+/-0.983 χ^2/NDF : 575.0/11

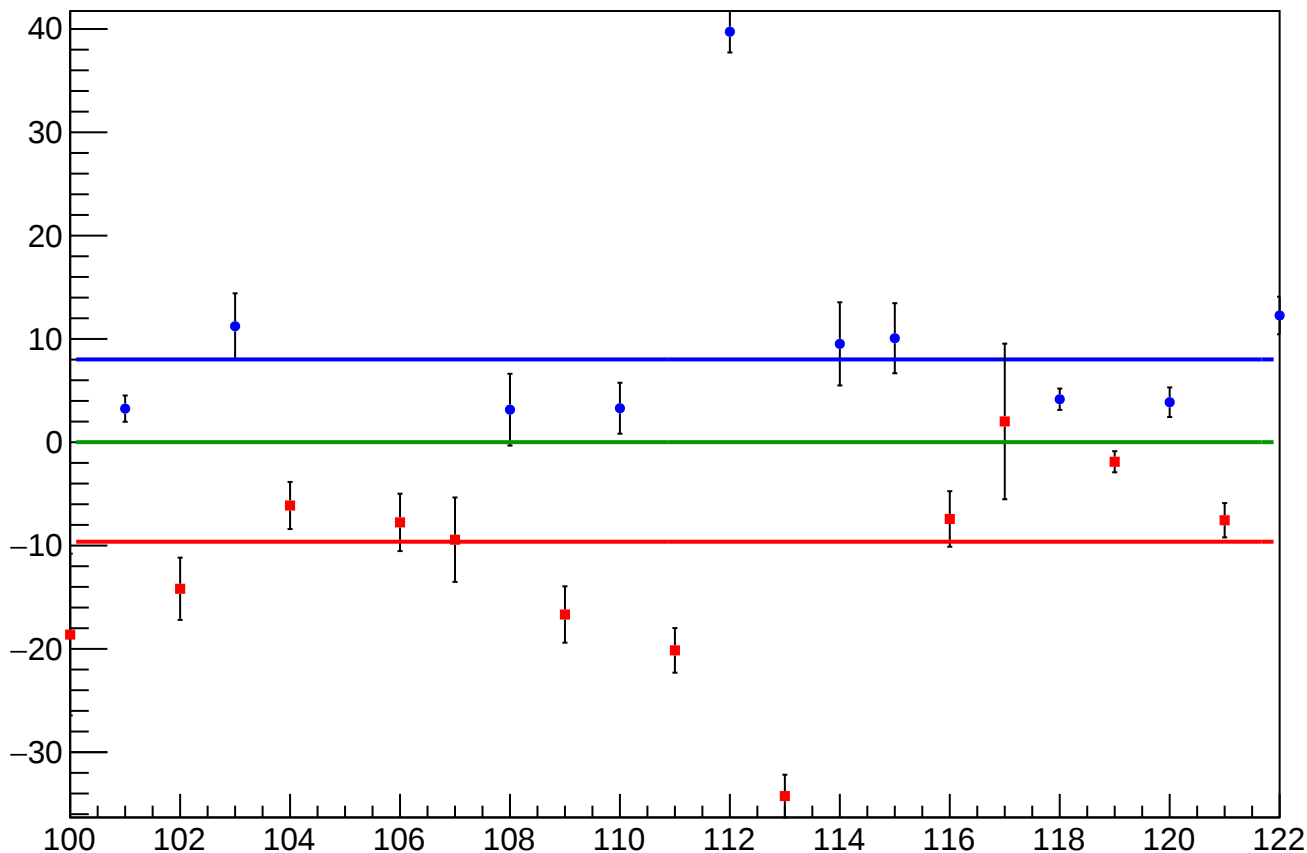
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-88.756+/-1.017 χ^2/NDF : 596.1/9

5.766+/-0.706 χ^2/NDF : 17890.2/21

94.050+/-0.983 χ^2/NDF : 575.0/11

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.018 $\pm$ 0.569 χ^2 /NDF: 298.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -9.627 $\pm$ 0.624 χ^2 /NDF: 240.3/11

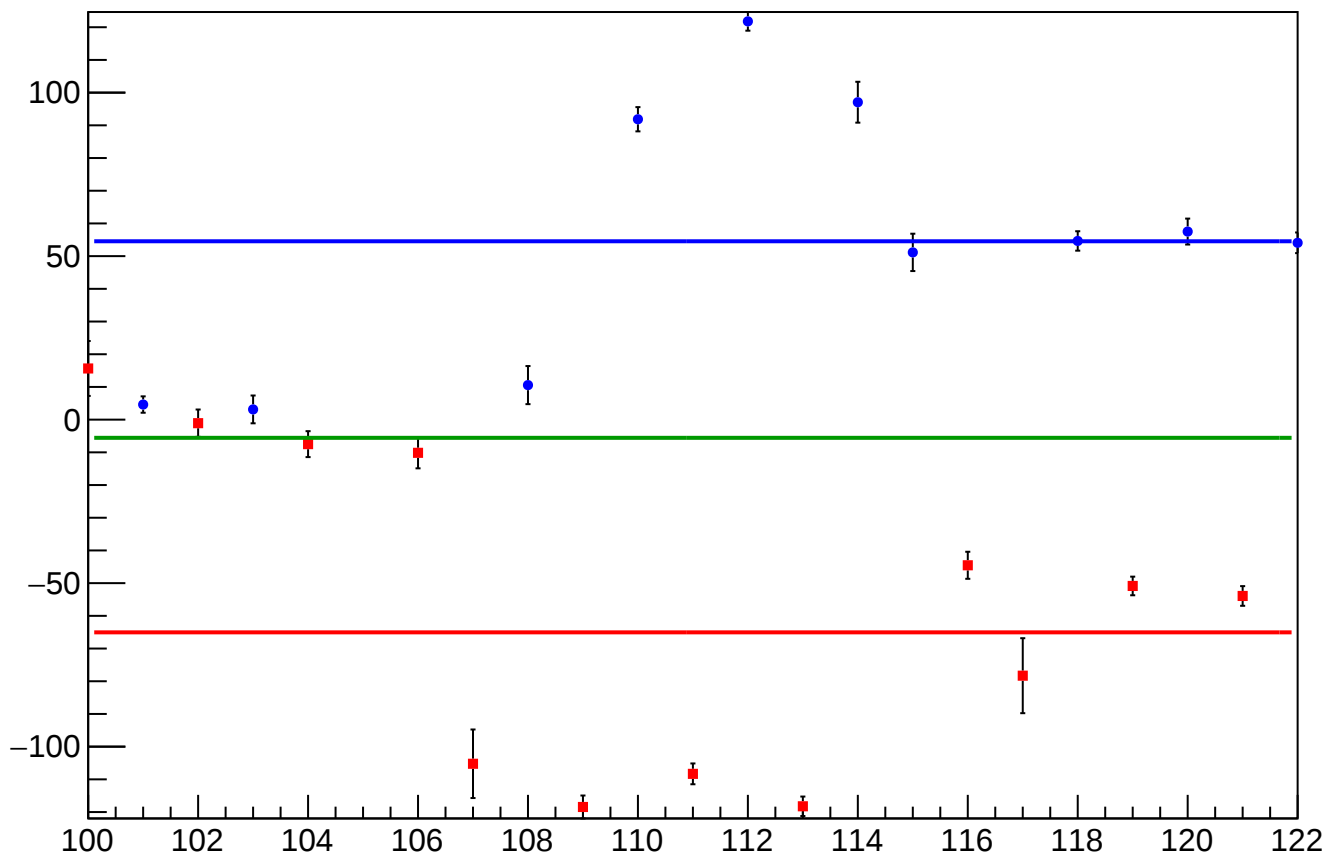
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8.018 $\pm$ 0.569 χ^2 /NDF: 298.8/9

0.008 $\pm$ 0.421 χ^2 /NDF: 975.5/21

-9.627 $\pm$ 0.624 χ^2 /NDF: 240.3/11

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 54.545+/-1.137 χ^2 /NDF: 1304.4/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -65.048+/-1.131 χ^2 /NDF: 1486.6/11

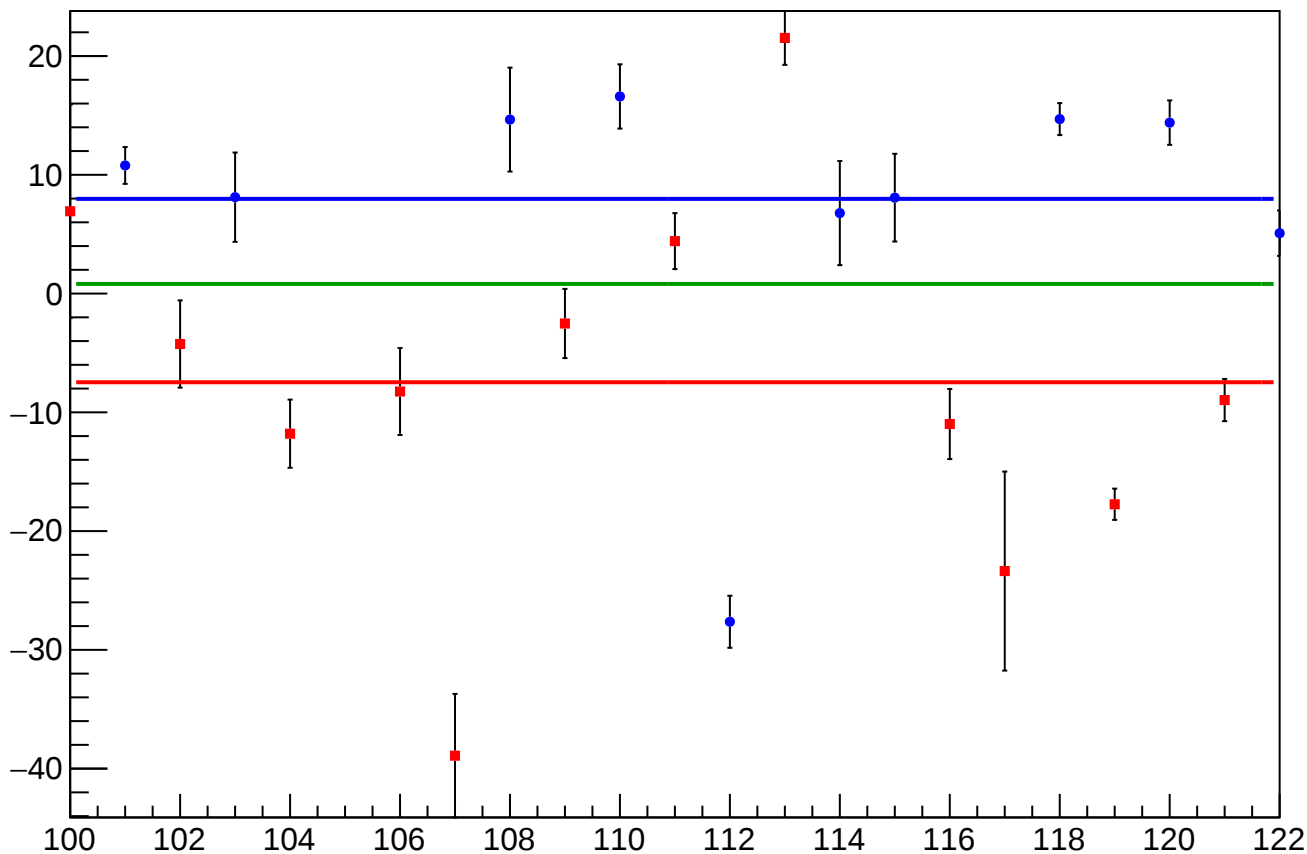
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

54.545+/-1.137 χ^2 /NDF: 1304.4/9

-5.560+/-0.802 χ^2 /NDF: 8350.0/21

-65.048+/-1.131 χ^2 /NDF: 1486.6/11

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.974 $\pm$ 0.687 χ^2 /NDF: 318.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -7.467 $\pm$ 0.738 χ^2 /NDF: 300.9/11

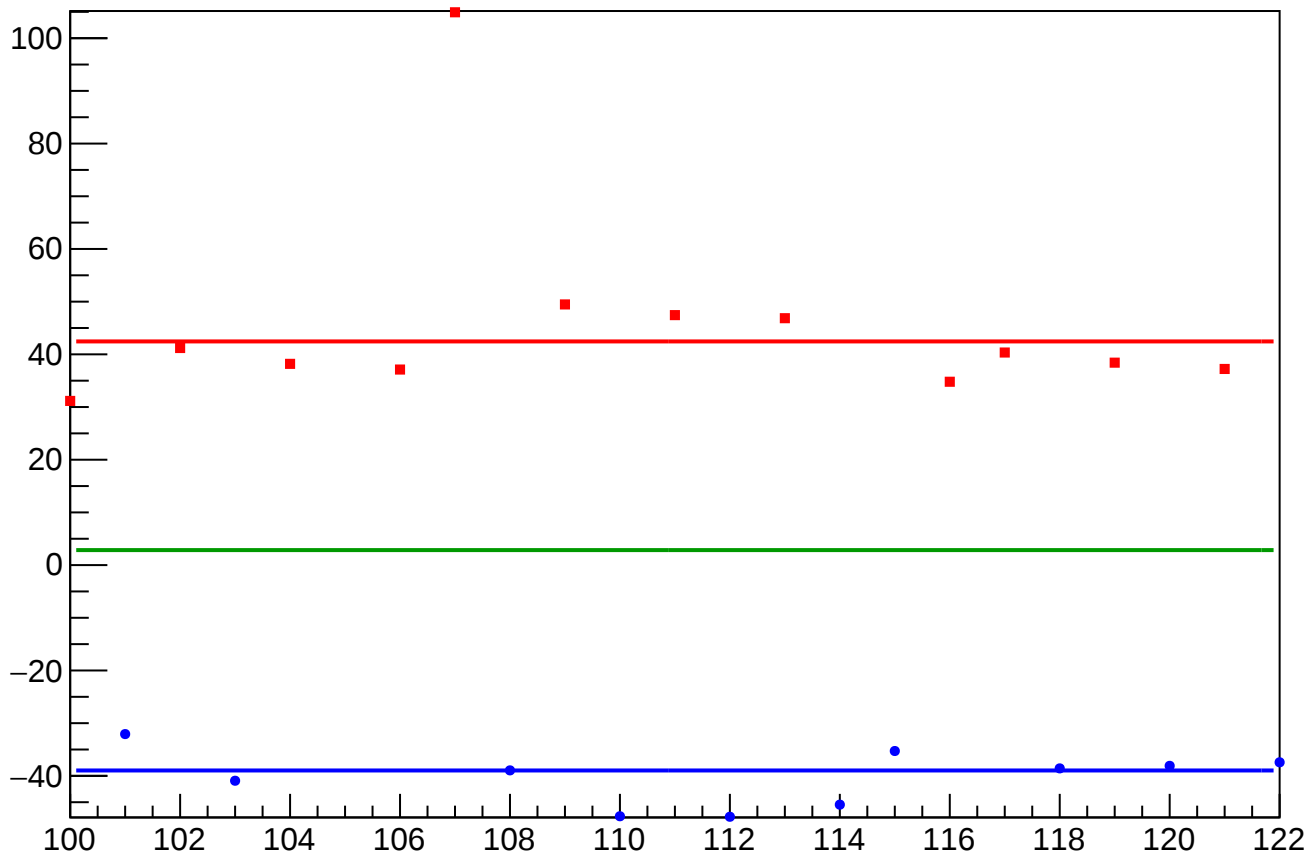
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7.974 $\pm$ 0.687 χ^2 /NDF: 318.6/9

0.811 $\pm$ 0.503 χ^2 /NDF: 854.0/21

-7.467 $\pm$ 0.738 χ^2 /NDF: 300.9/11

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.977 $\pm$ 0.042 χ^2 /NDF: 13898.1/9

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

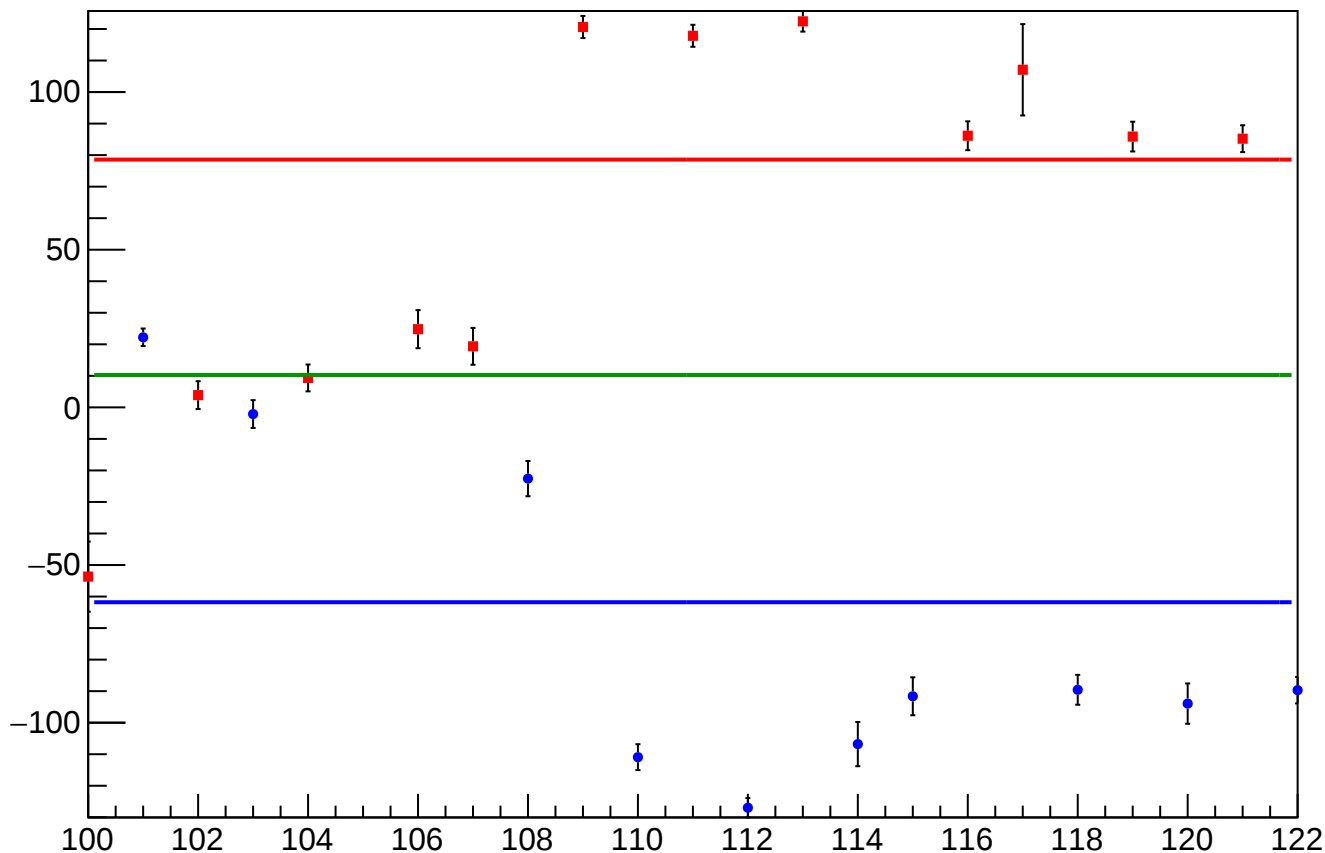
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-38.977 $\pm$ 0.042 χ^2 /NDF: 13898.1/9

2.847 $\pm$ 0.029 χ^2 /NDF: 2016862.1/21

42.452 $\pm$ 0.041 χ^2 /NDF: 81367.4/11

reg_asym_usr_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -61.799+/-1.348 χ^2/NDF : 1902.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.583+/-1.312 χ^2/NDF : 1335.9/11

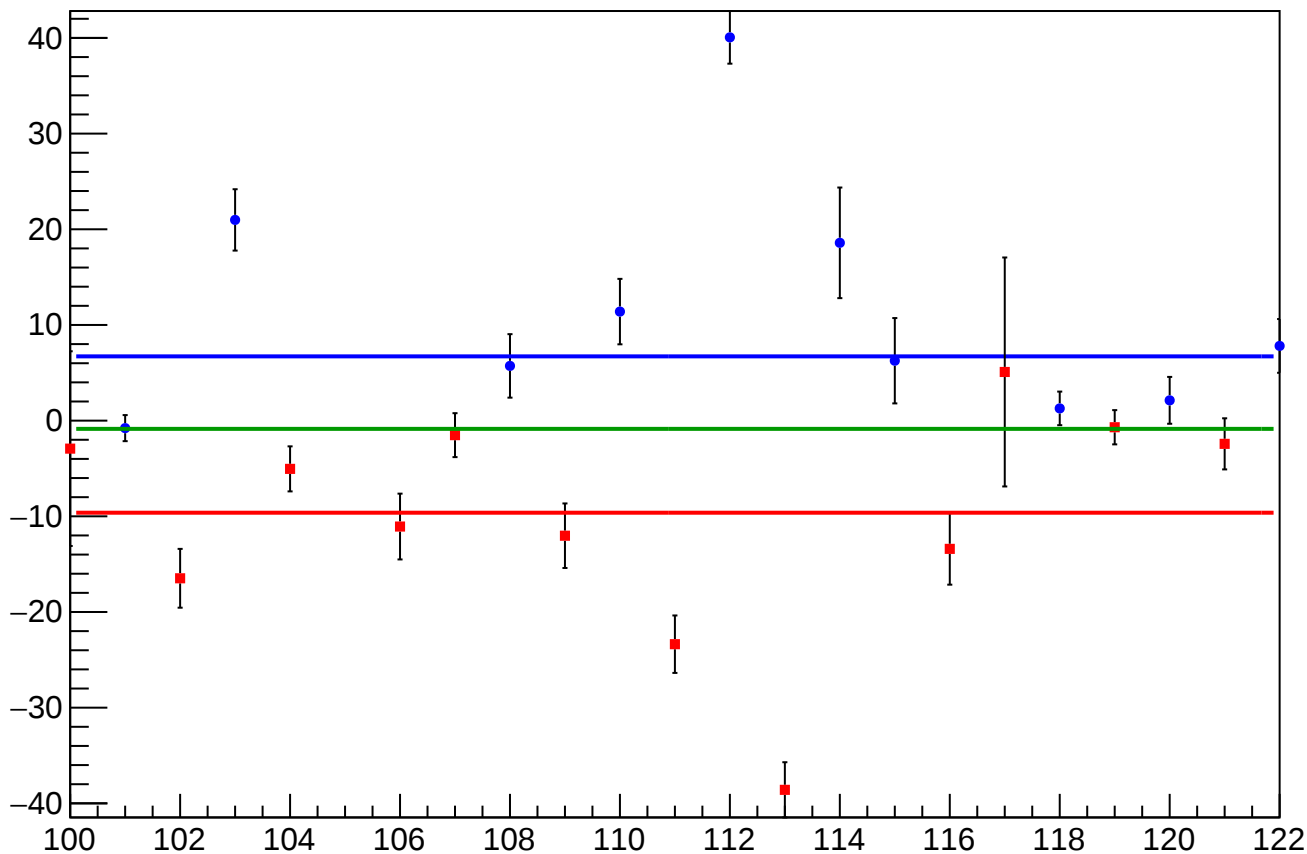
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-61.799+/-1.348 χ^2/NDF : 1902.0/9

10.268+/-0.940 χ^2/NDF : 8806.7/21

78.583+/-1.312 χ^2/NDF : 1335.9/11

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.717 $\pm$ 0.780 χ^2 /NDF: 216.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -9.623 $\pm$ 0.839 χ^2 /NDF: 178.7/11

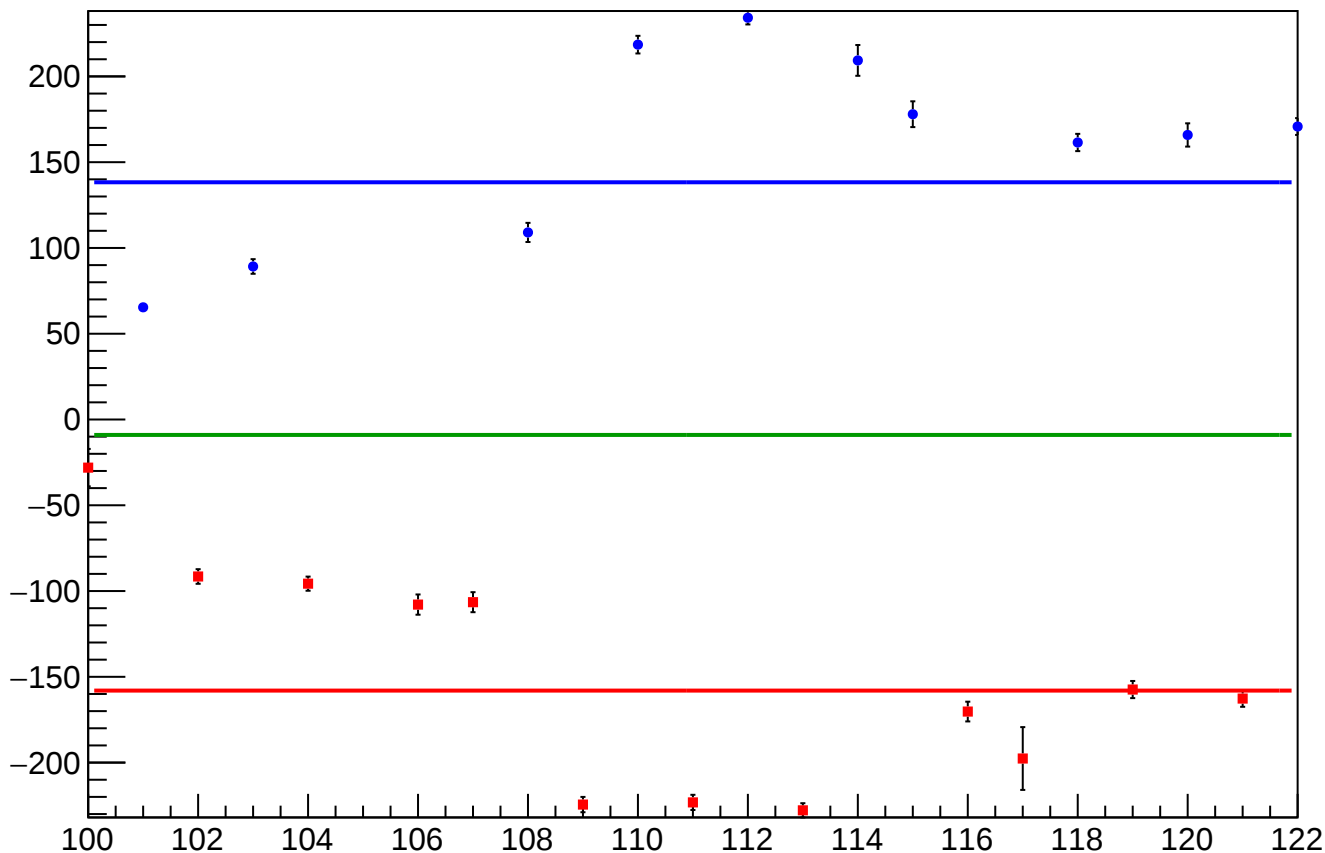
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6.717 $\pm$ 0.780 χ^2 /NDF: 216.3/9

-0.860 $\pm$ 0.571 χ^2 /NDF: 598.4/21

-9.623 $\pm$ 0.839 χ^2 /NDF: 178.7/11

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 138.286 $\pm$ 1.472 χ^2 /NDF: 1912.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -158.029 $\pm$ 1.480 χ^2 /NDF: 1495.6/11

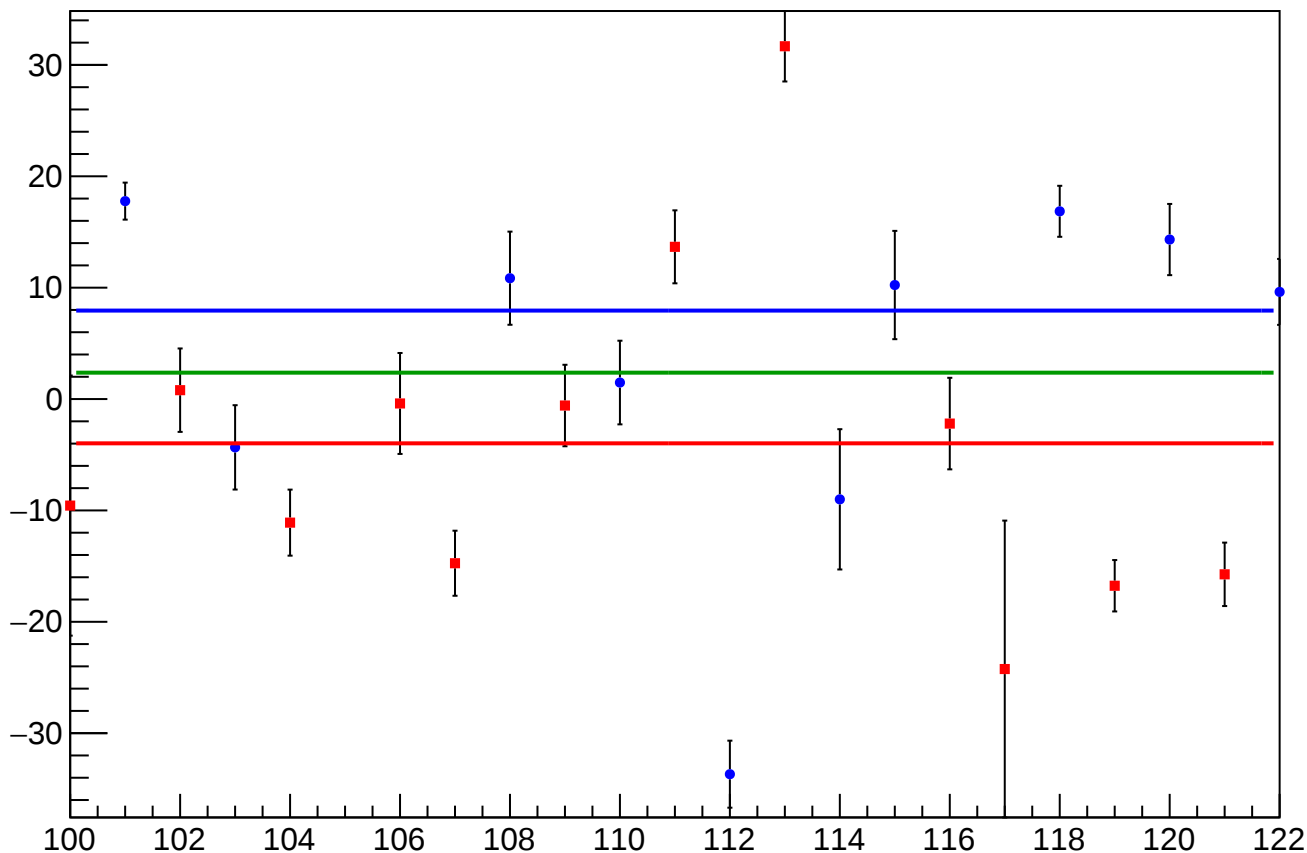
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

138.286 $\pm$ 1.472 χ^2 /NDF: 1912.3/9

-8.998 $\pm$ 1.044 χ^2 /NDF: 23560.9/21

-158.029 $\pm$ 1.480 χ^2 /NDF: 1495.6/11

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.943 $\pm$ 0.936 χ^2 /NDF: 267.2/9

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

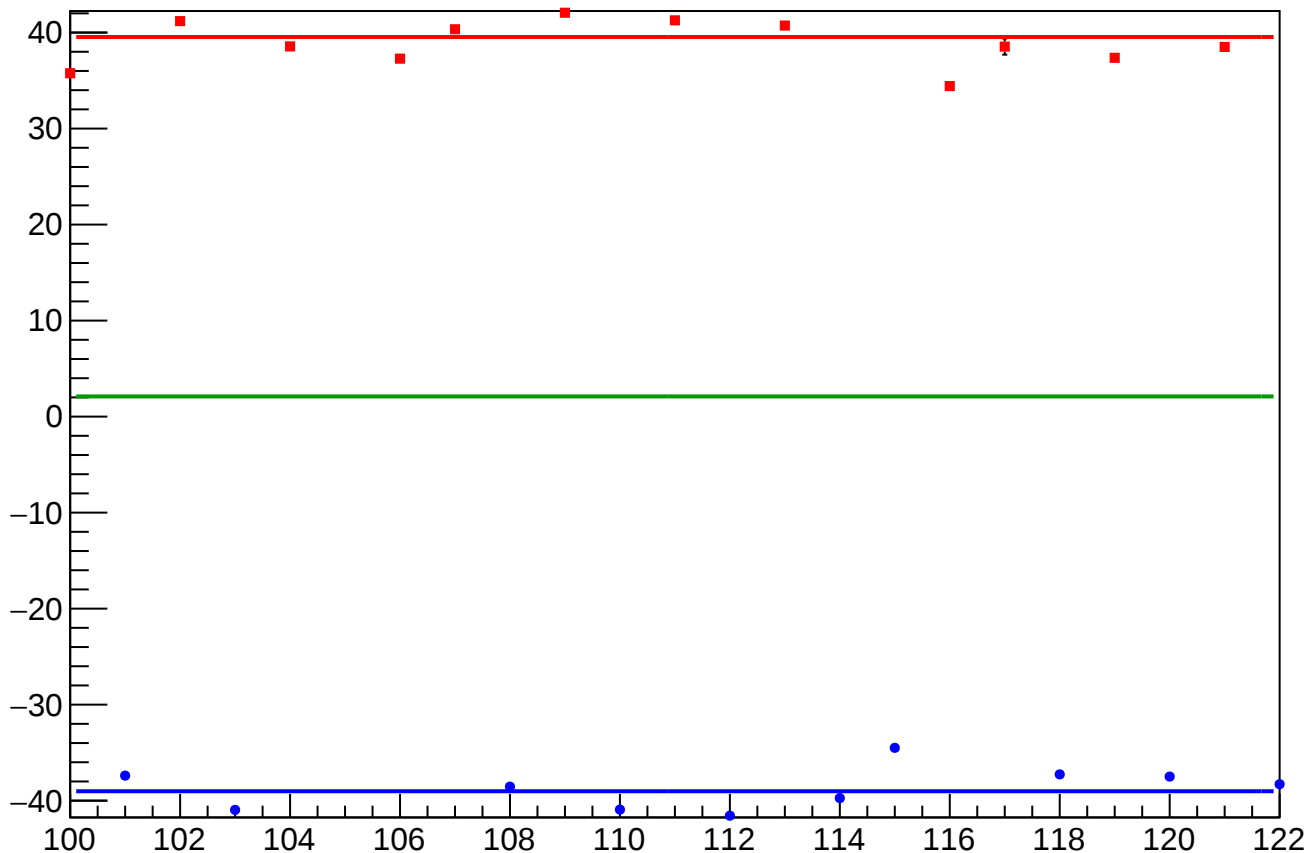
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

7.943 $\pm$ 0.936 χ^2 /NDF: 267.2/9

2.369 $\pm$ 0.683 χ^2 /NDF: 572.0/21

-3.976 $\pm$ 0.999 χ^2 /NDF: 229.0/11

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.020 $\pm$ 0.050 χ^2 /NDF: 1274.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 39.537 $\pm$ 0.048 χ^2 /NDF: 1553.1/11

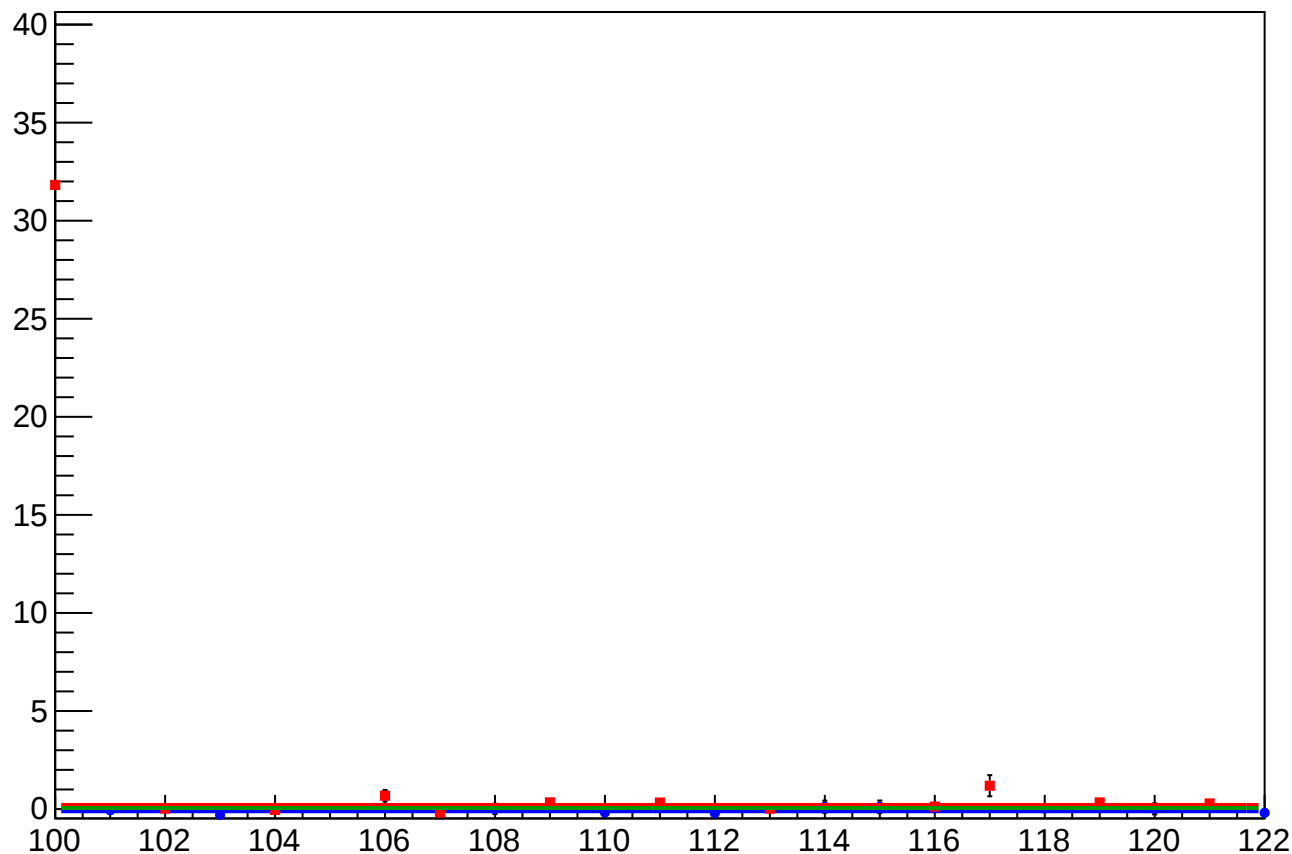
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-39.020 $\pm$ 0.050 χ^2 /NDF: 1274.7/9

2.102 $\pm$ 0.035 χ^2 /NDF: 1290307.0/21

39.537 $\pm$ 0.048 χ^2 /NDF: 1553.1/11

reg_asym_dsl_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.111+/-0.063 χ^2 /NDF: 3.6/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.208+/-0.061 χ^2 /NDF: 26.8/11

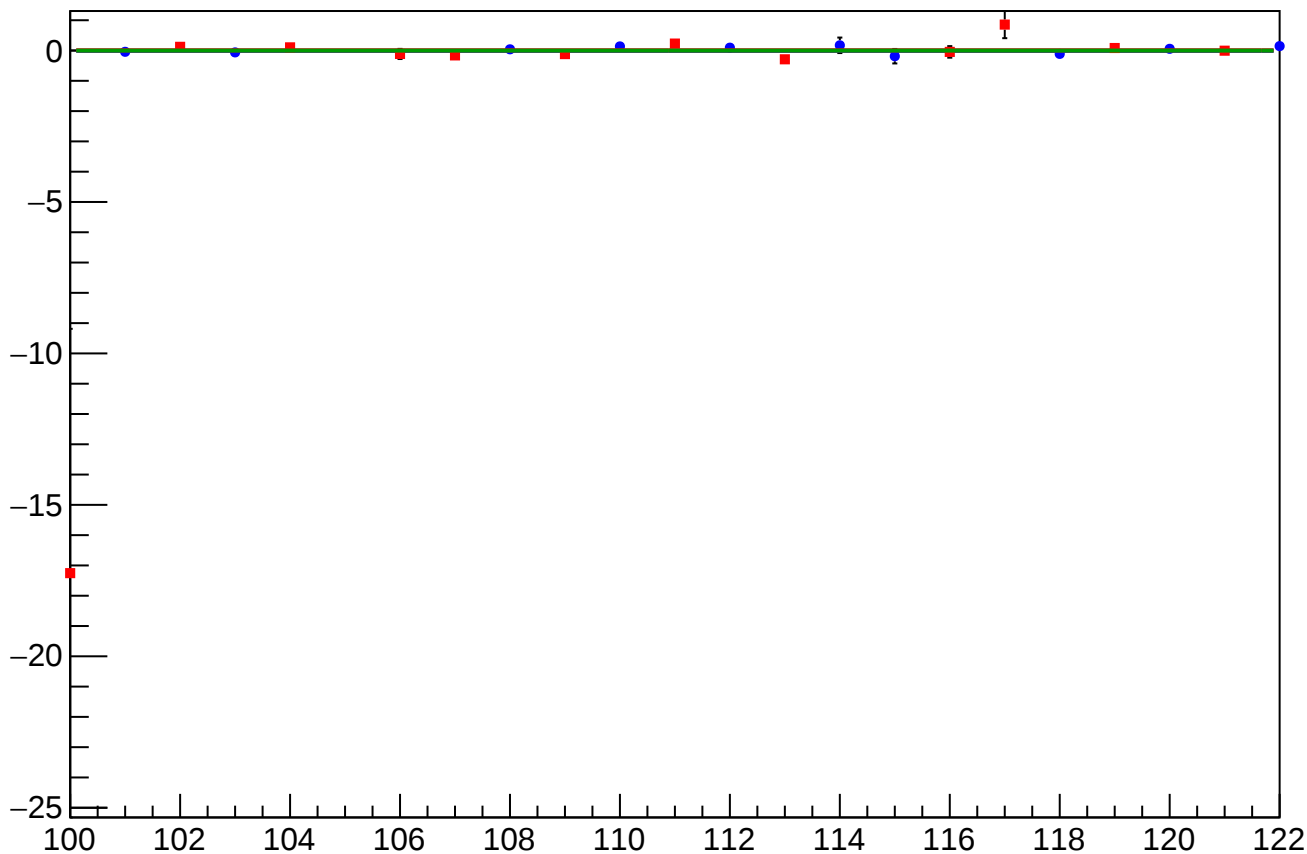
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.111+/-0.063 χ^2 /NDF: 3.6/9

0.053+/-0.044 χ^2 /NDF: 43.7/21

0.208+/-0.061 χ^2 /NDF: 26.8/11

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.009+/-0.036 χ^2/NDF : 6.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.039 χ^2/NDF : 21.6/11

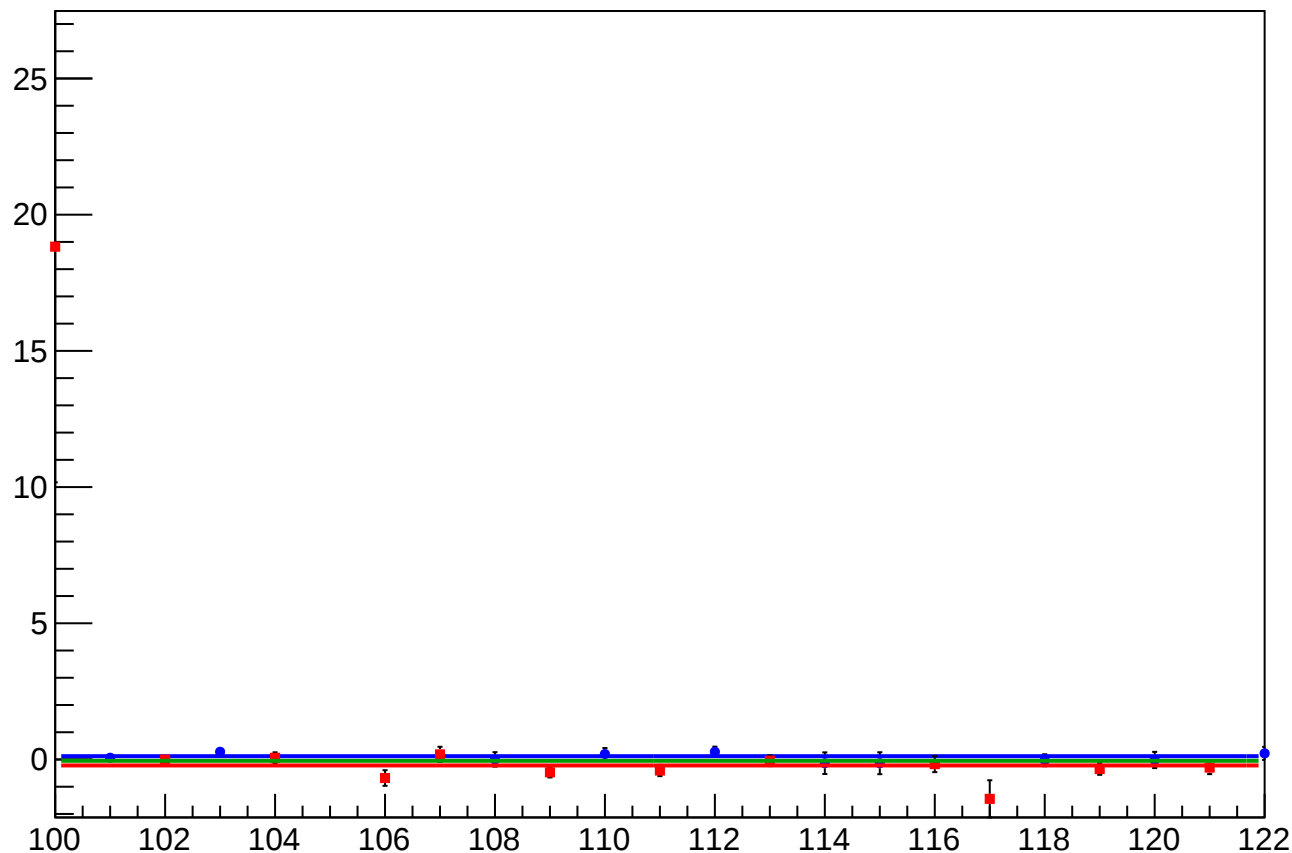
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.009+/-0.036 χ^2/NDF : 6.5/9

-0.002+/-0.026 χ^2/NDF : 28.2/21

0.007+/-0.039 χ^2/NDF : 21.6/11

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.121+/-0.068 χ^2/NDF : 3.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.219+/-0.069 χ^2/NDF : 20.0/11

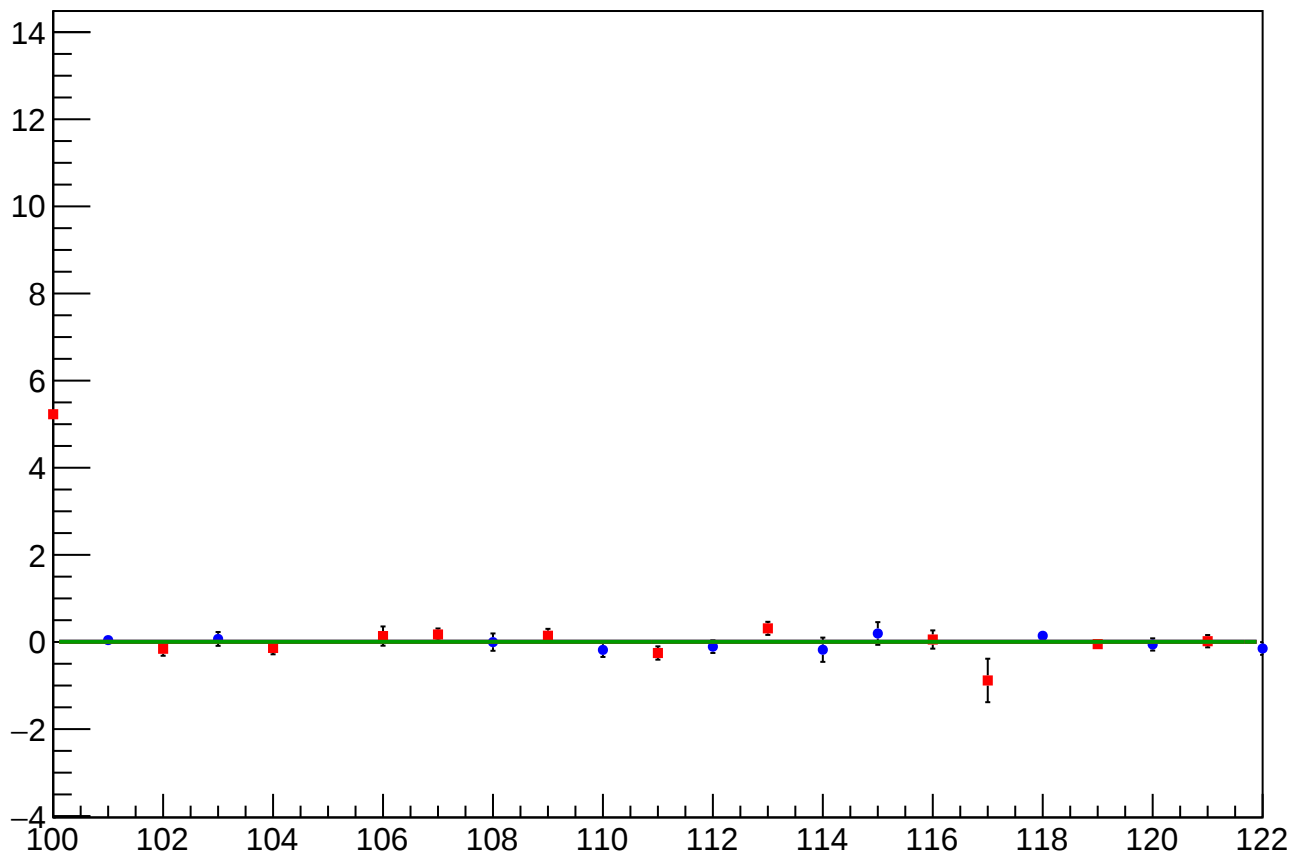
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.121+/-0.068 χ^2/NDF : 3.8/9

-0.048+/-0.048 χ^2/NDF : 36.1/21

-0.219+/-0.069 χ^2/NDF : 20.0/11

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.005+/-0.043 χ^2/NDF : 6.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.046 χ^2/NDF : 15.4/11

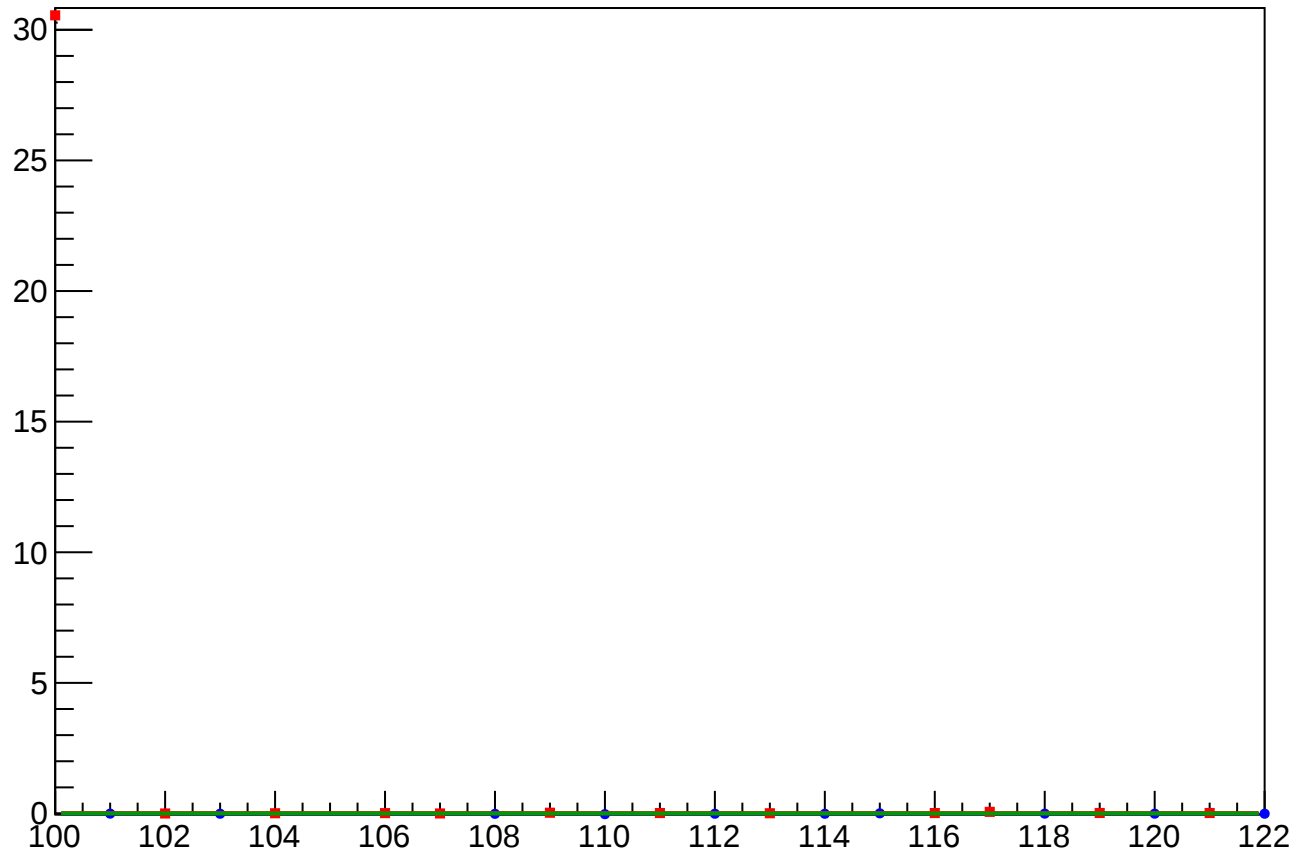
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.043 χ^2/NDF : 6.5/9

0.004+/-0.032 χ^2/NDF : 22.0/21

0.004+/-0.046 χ^2/NDF : 15.4/11

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.009 +/- 0.002 χ^2/NDF : 4.5/9

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 0.012 +/- 0.002 χ^2/NDF : 11885.8/11

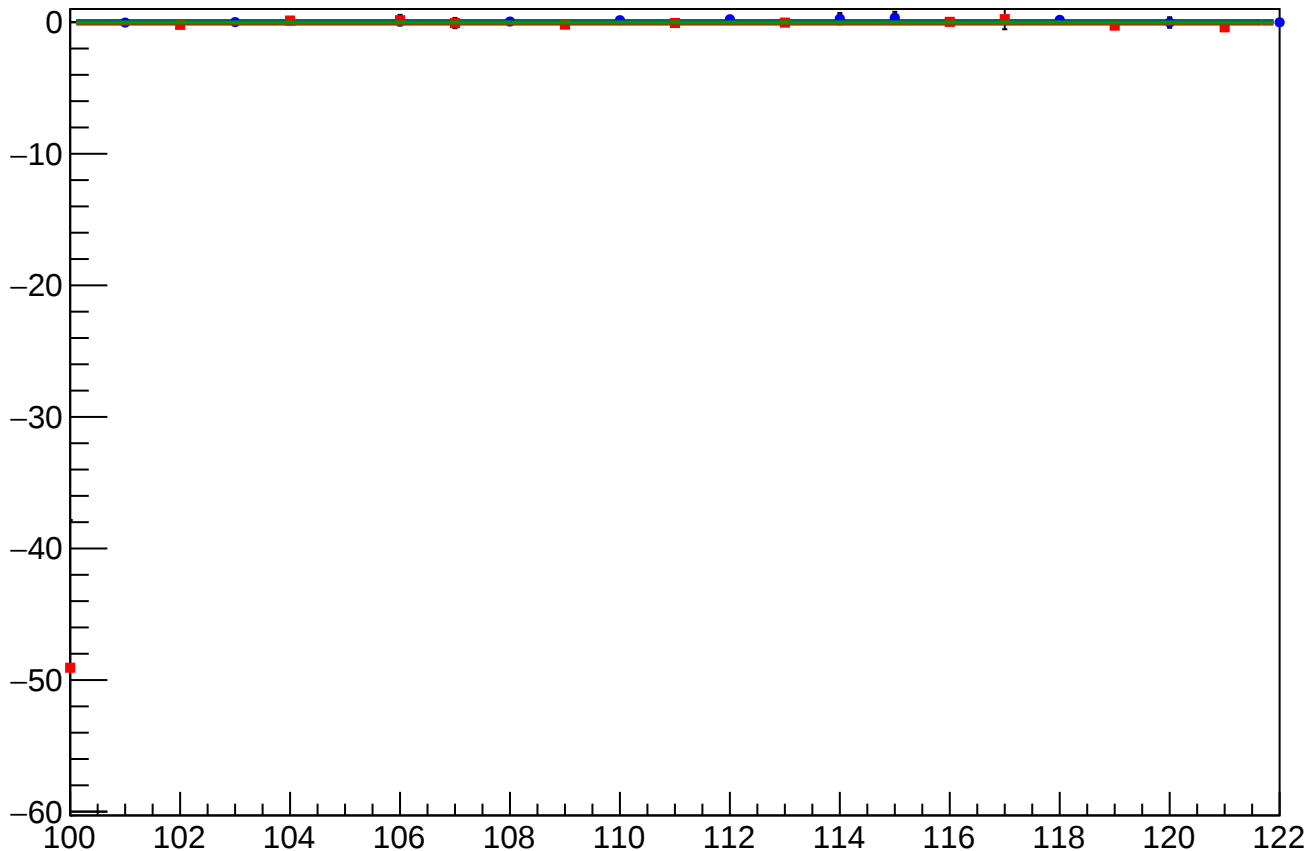
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

-0.009 +/- 0.002 χ^2/NDF : 4.5/9

0.002 +/- 0.002 χ^2/NDF : 11934.9/21

0.012 +/- 0.002 χ^2/NDF : 11885.8/11

reg_asym_dsr_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 0.076+/-0.079 χ^2/NDF : 2.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.105+/-0.080 χ^2/NDF : 22.4/11

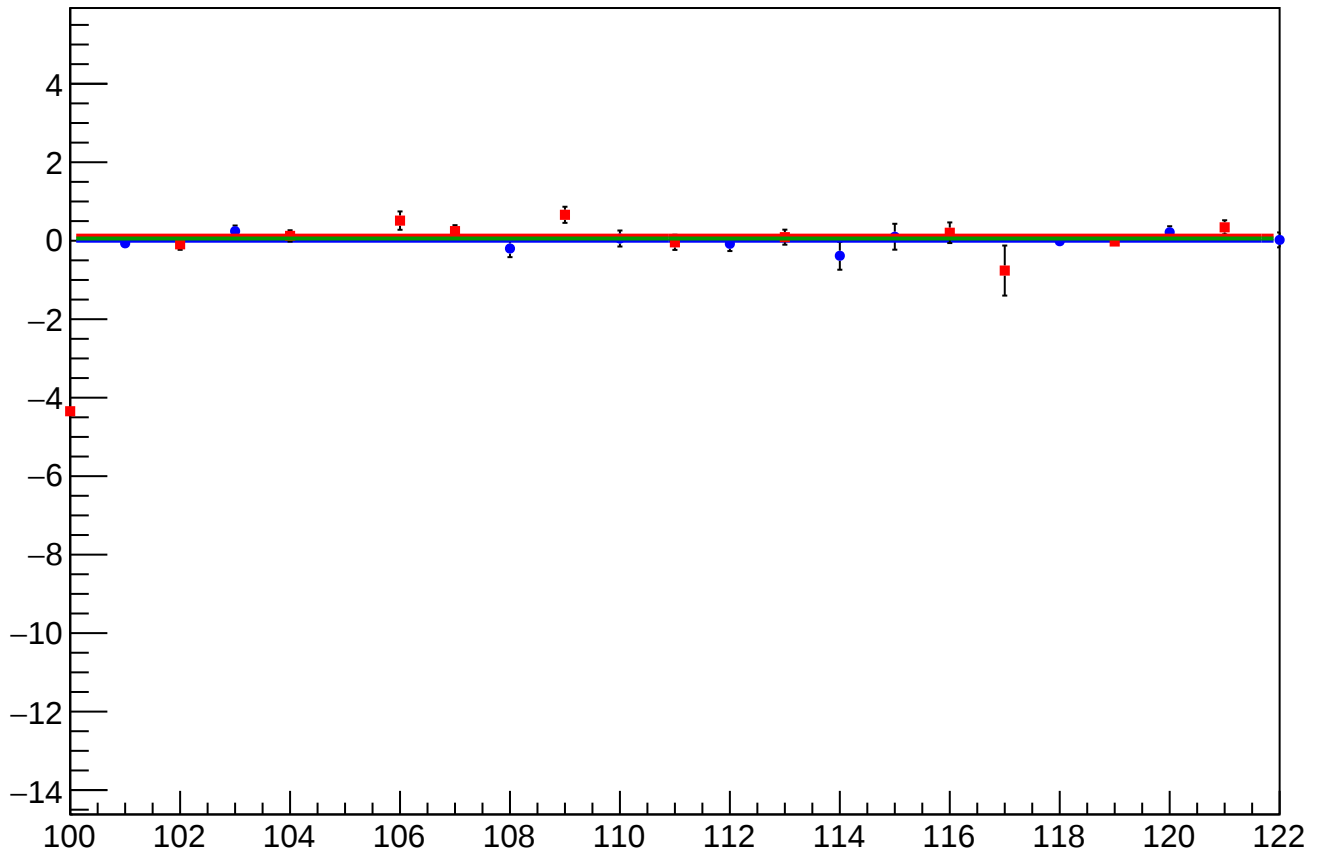
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.076+/-0.079 χ^2/NDF : 2.1/9

-0.012+/-0.056 χ^2/NDF : 27.1/21

-0.105+/-0.080 χ^2/NDF : 22.4/11

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected

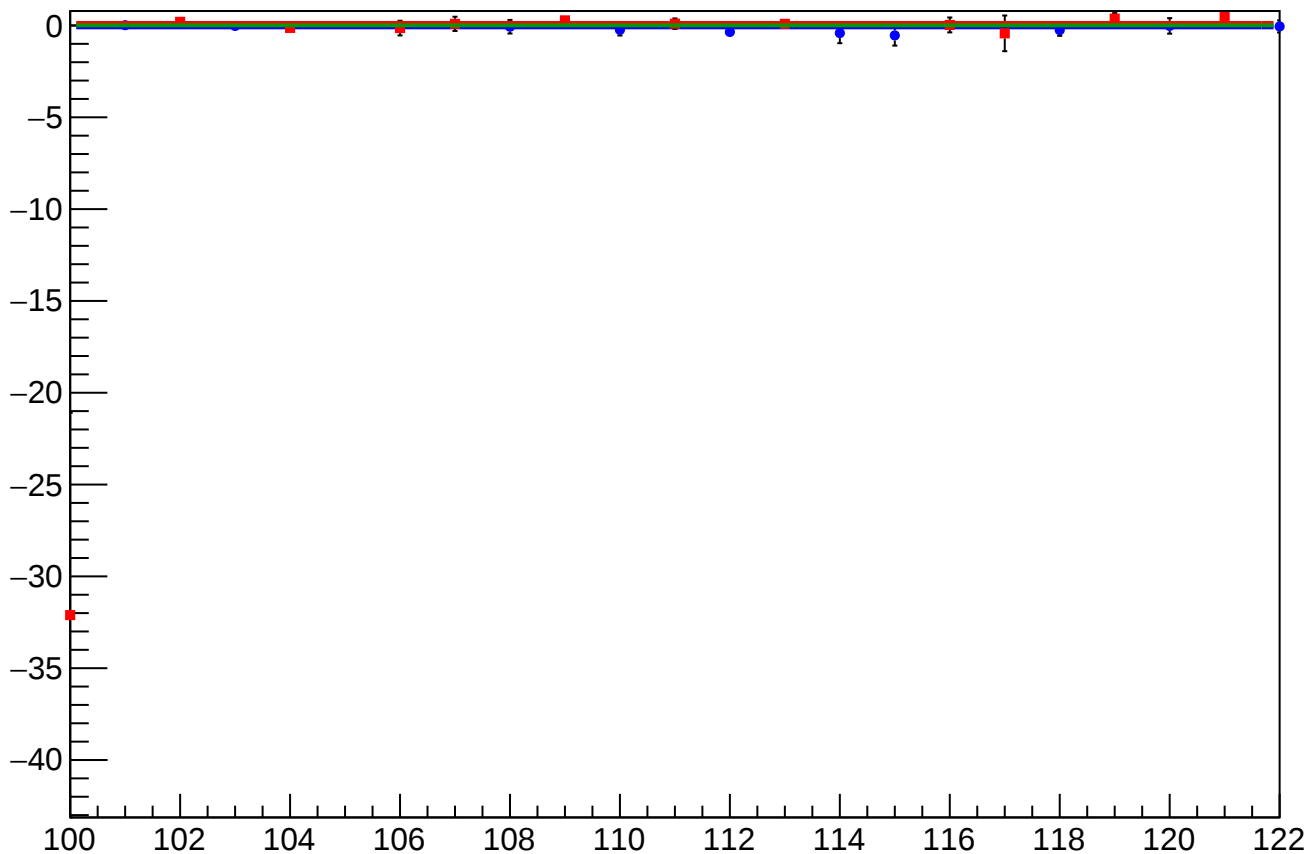


0.000 ± 0.045 $\chi^2/\text{NDF}: 8.1/9$

0.056 ± 0.034 $\chi^2/\text{NDF}: 30.4/21$

0.130 ± 0.052 $\chi^2/\text{NDF}: 18.8/11$

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.100+/-0.084 χ^2/NDF : 3.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.137+/-0.090 χ^2/NDF : 12.8/11

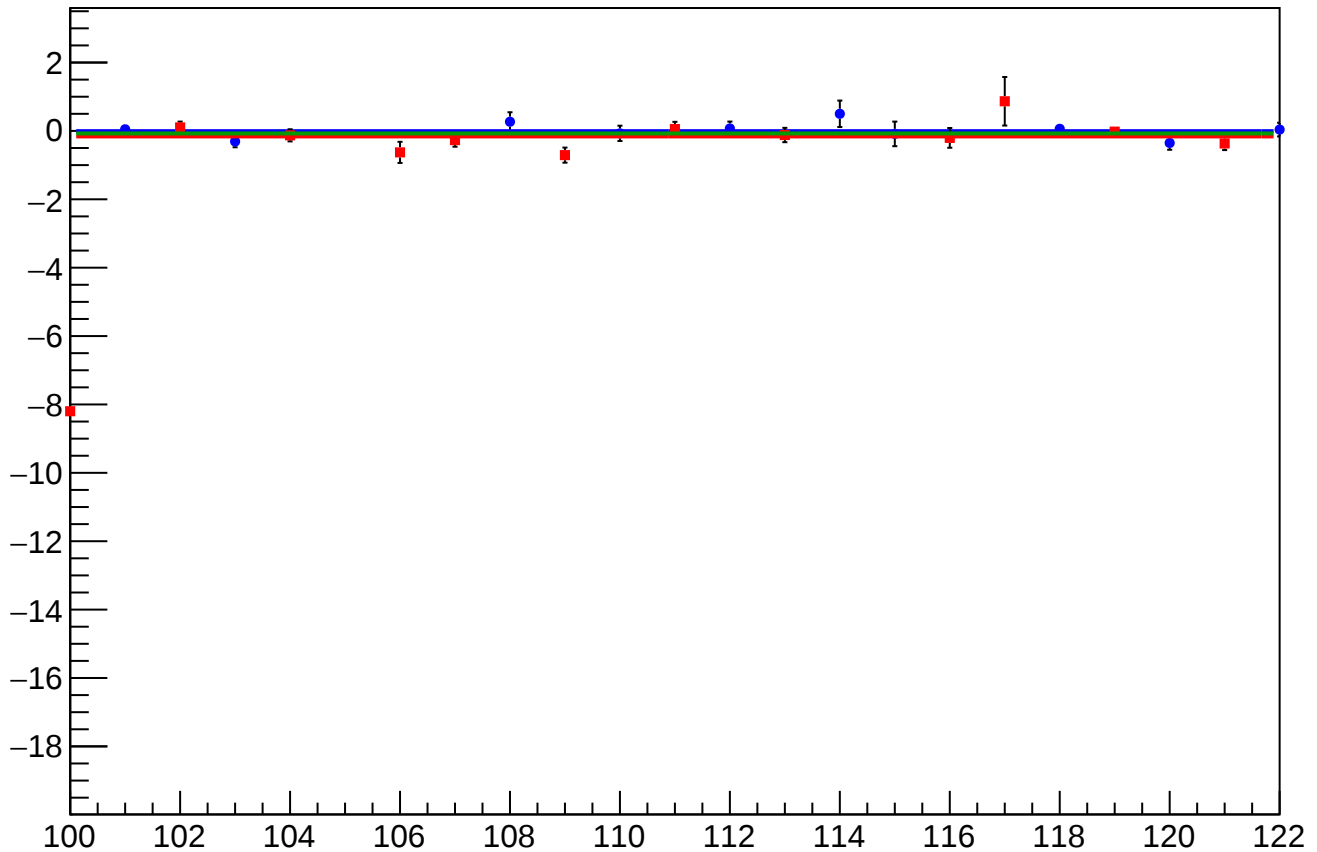
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.100+/-0.084 χ^2/NDF : 3.2/9

0.011+/-0.061 χ^2/NDF : 19.7/21

0.137+/-0.090 χ^2/NDF : 12.8/11

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.008 ± 0.054 χ^2/NDF : 9.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.161 ± 0.062 χ^2/NDF : 17.0/11

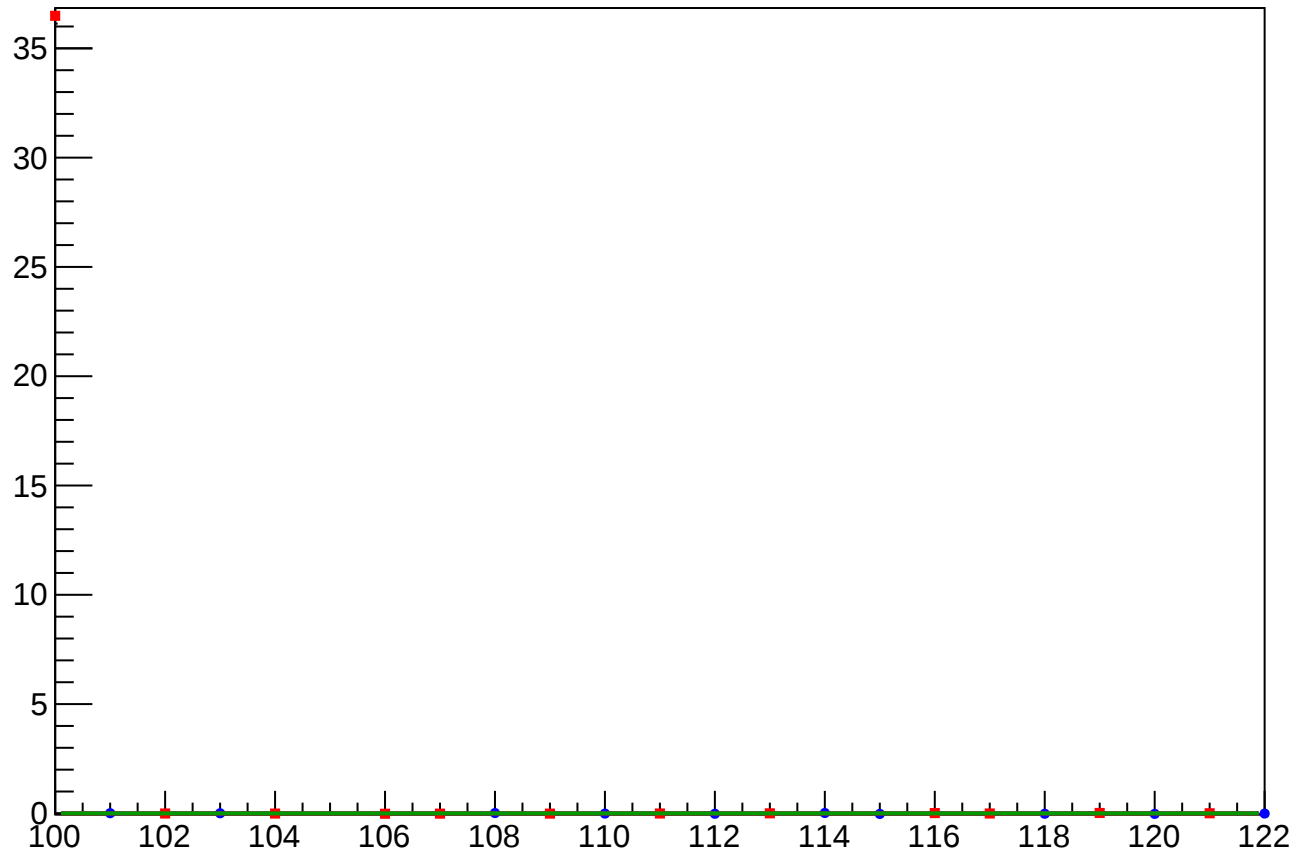
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.008 ± 0.054 χ^2/NDF : 9.8/9

-0.074 ± 0.041 χ^2/NDF : 30.3/21

-0.161 ± 0.062 χ^2/NDF : 17.0/11

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.003+/-0.003 χ^2/NDF : 14.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.003 χ^2/NDF : 10437.6/11

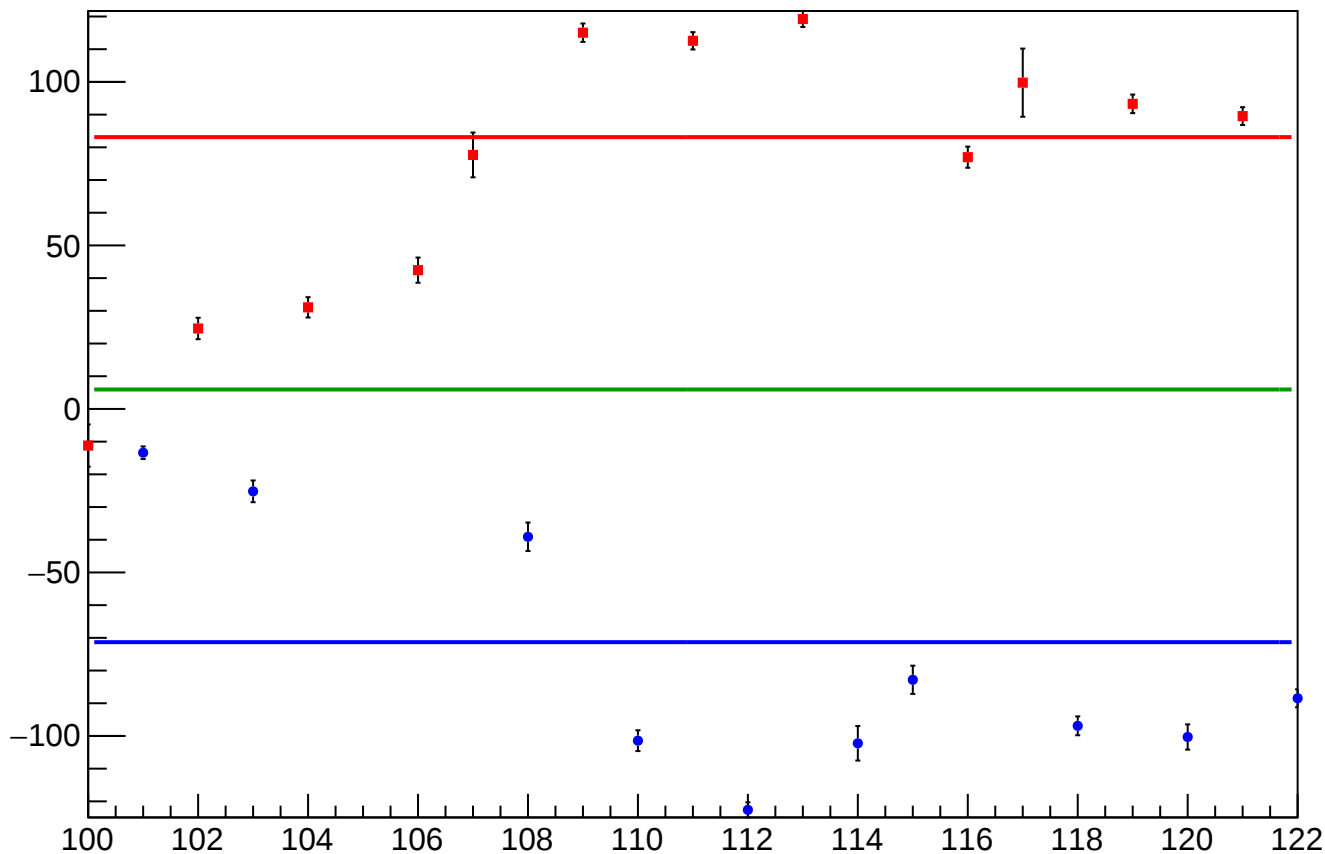
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.003 χ^2/NDF : 14.1/9

-0.000+/-0.002 χ^2/NDF : 10454.2/21

-0.003+/-0.003 χ^2/NDF : 10437.6/11

reg_asym_us_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -71.320 $\pm$ 0.950 χ^2 /NDF: 1950.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 83.116 $\pm$ 0.950 χ^2 /NDF: 1420.2/11

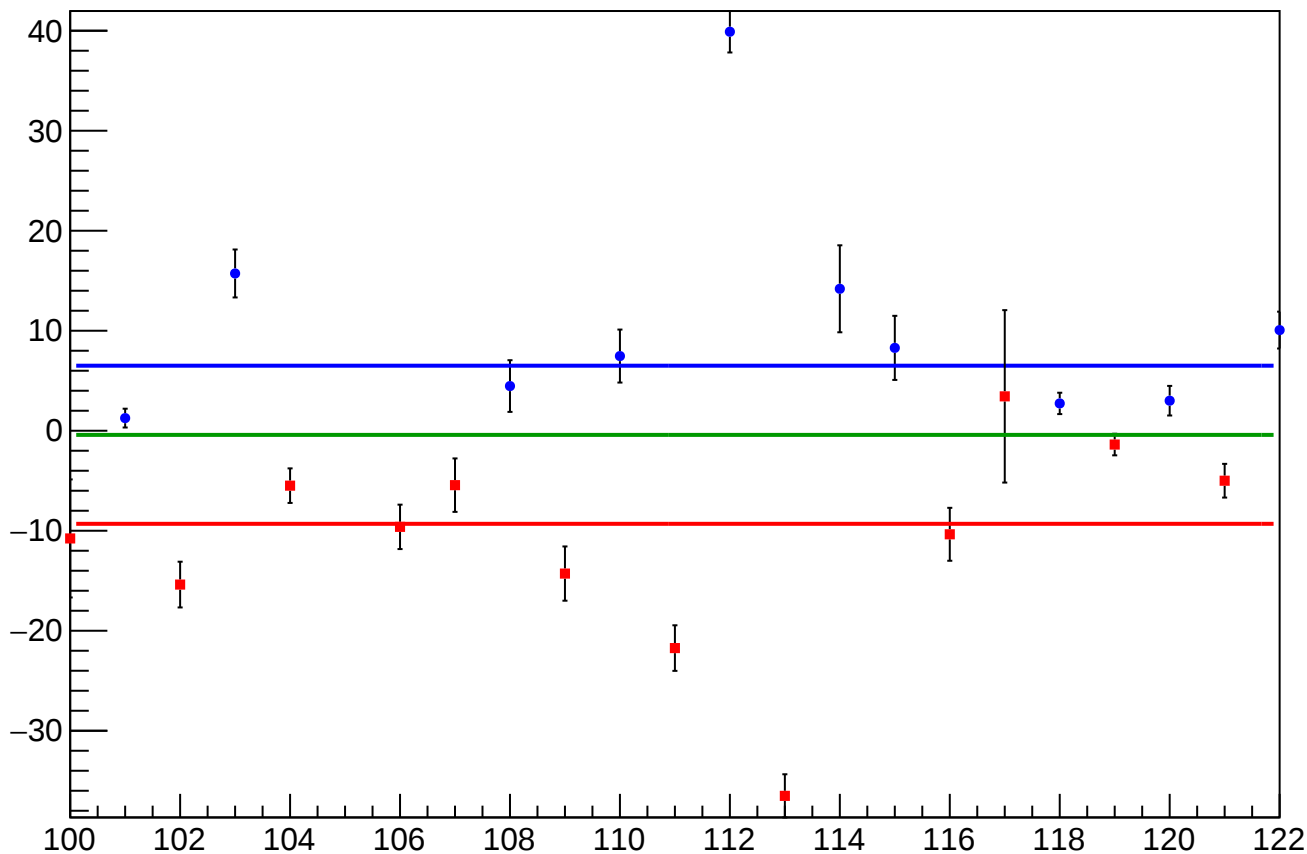
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-71.320 $\pm$ 0.950 χ^2 /NDF: 1950.6/9

5.947 $\pm$ 0.672 χ^2 /NDF: 16588.7/21

83.116 $\pm$ 0.950 χ^2 /NDF: 1420.2/11

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.505+/-0.526 χ^2/NDF : 331.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.307+/-0.597 χ^2/NDF : 268.8/11

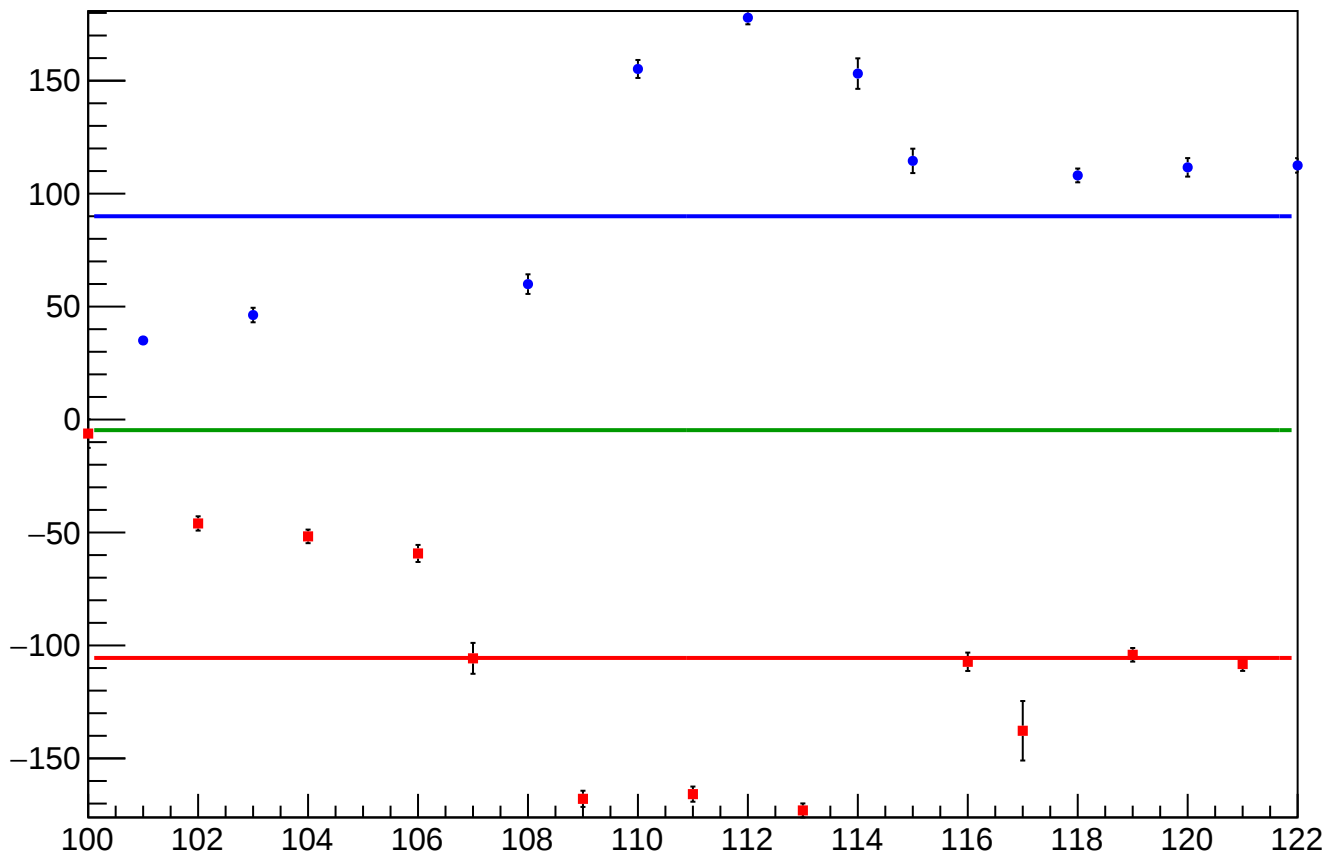
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.505+/-0.526 χ^2/NDF : 331.3/9

-0.415+/-0.395 χ^2/NDF : 994.9/21

-9.307+/-0.597 χ^2/NDF : 268.8/11

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 89.993+/-1.032 χ^2/NDF : 2490.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -105.531+/-1.065 χ^2/NDF : 2175.4/11

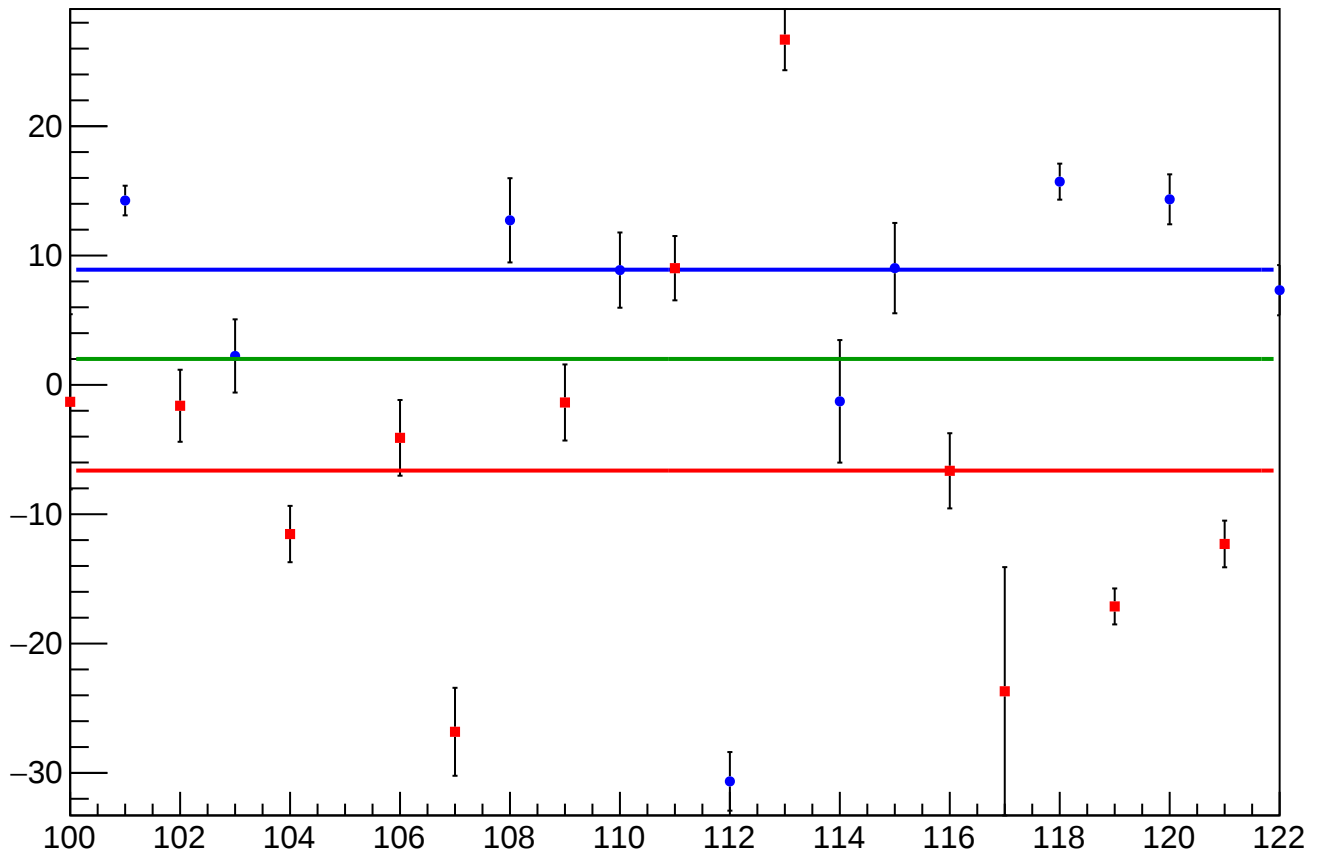
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

89.993+/-1.032 χ^2/NDF : 2490.9/9

-4.689+/-0.741 χ^2/NDF : 22050.0/21

-105.531+/-1.065 χ^2/NDF : 2175.4/11

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.907 ± 0.636 $\chi^2/\text{NDF}: 370.5/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -6.624 ± 0.712 $\chi^2/\text{NDF}: 356.2/11$

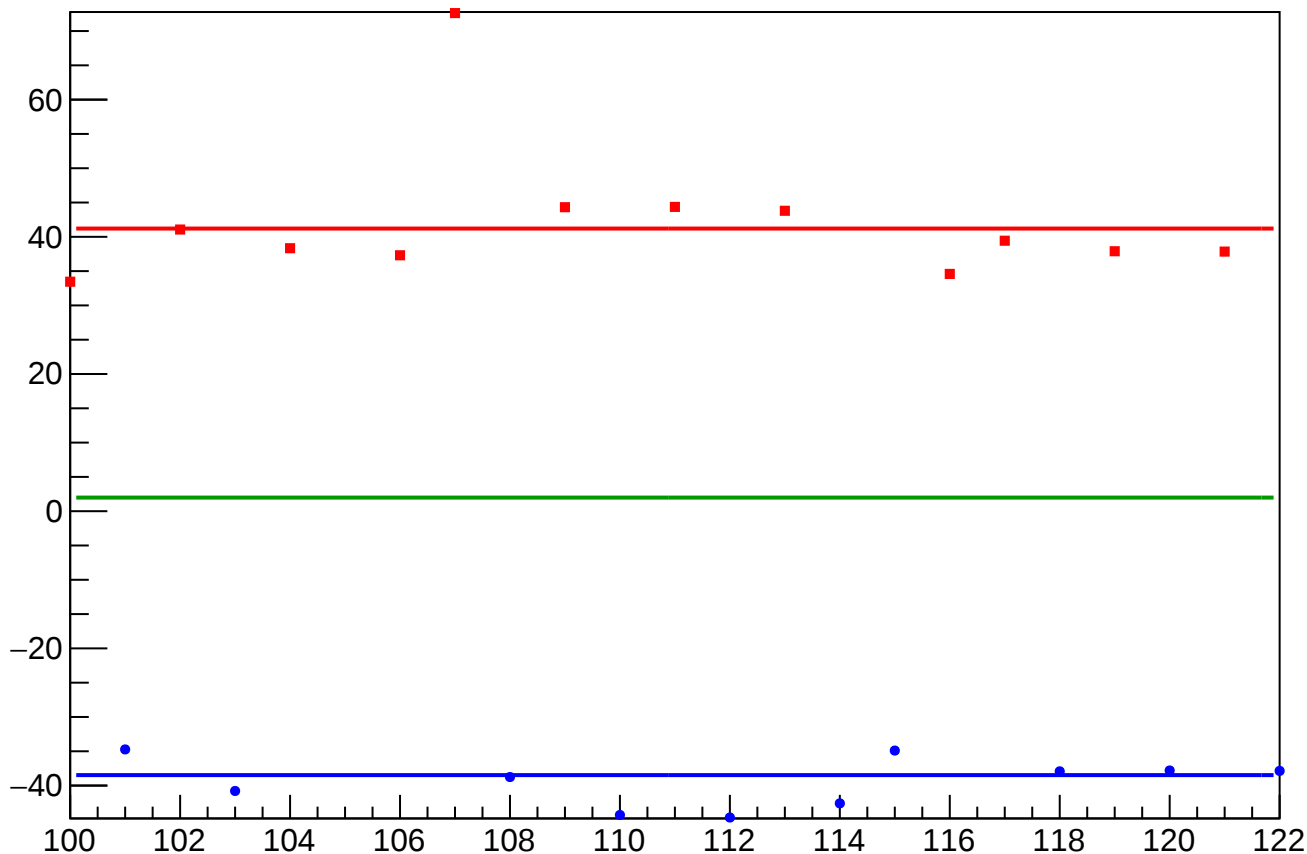
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

8.907 ± 0.636 $\chi^2/\text{NDF}: 370.5/9$

2.006 ± 0.474 $\chi^2/\text{NDF}: 991.4/21$

-6.624 ± 0.712 $\chi^2/\text{NDF}: 356.2/11$

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.475+/-0.036 χ^2/NDF : 7590.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.206+/-0.035 χ^2/NDF : 48081.2/11

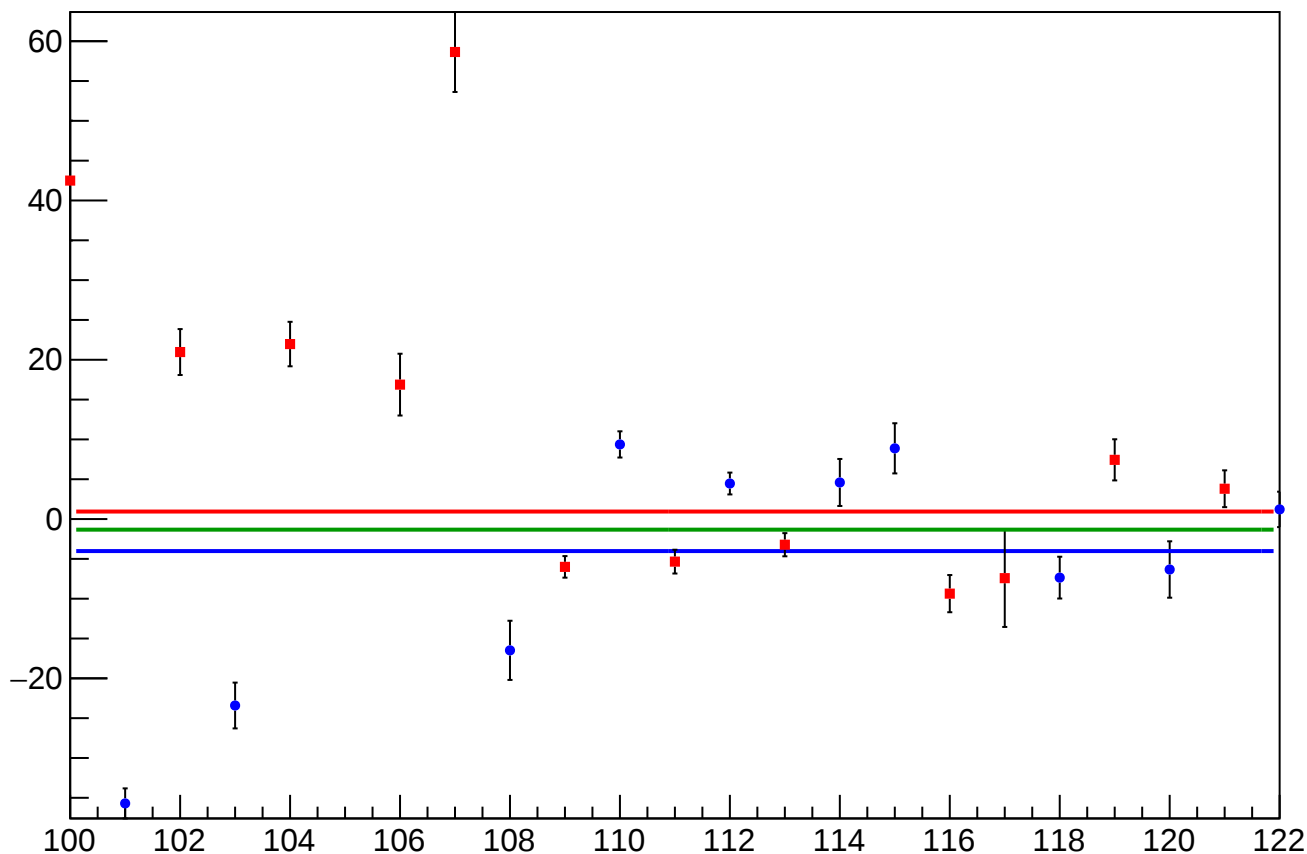
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-38.475+/-0.036 χ^2/NDF : 7590.5/9

1.984+/-0.025 χ^2/NDF : 2564776.6/21

41.206+/-0.035 χ^2/NDF : 48081.2/11

reg_asym_us_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -4.020+/-0.704 χ^2 /NDF: 475.6/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.943+/-0.647 χ^2 /NDF: 365.8/11

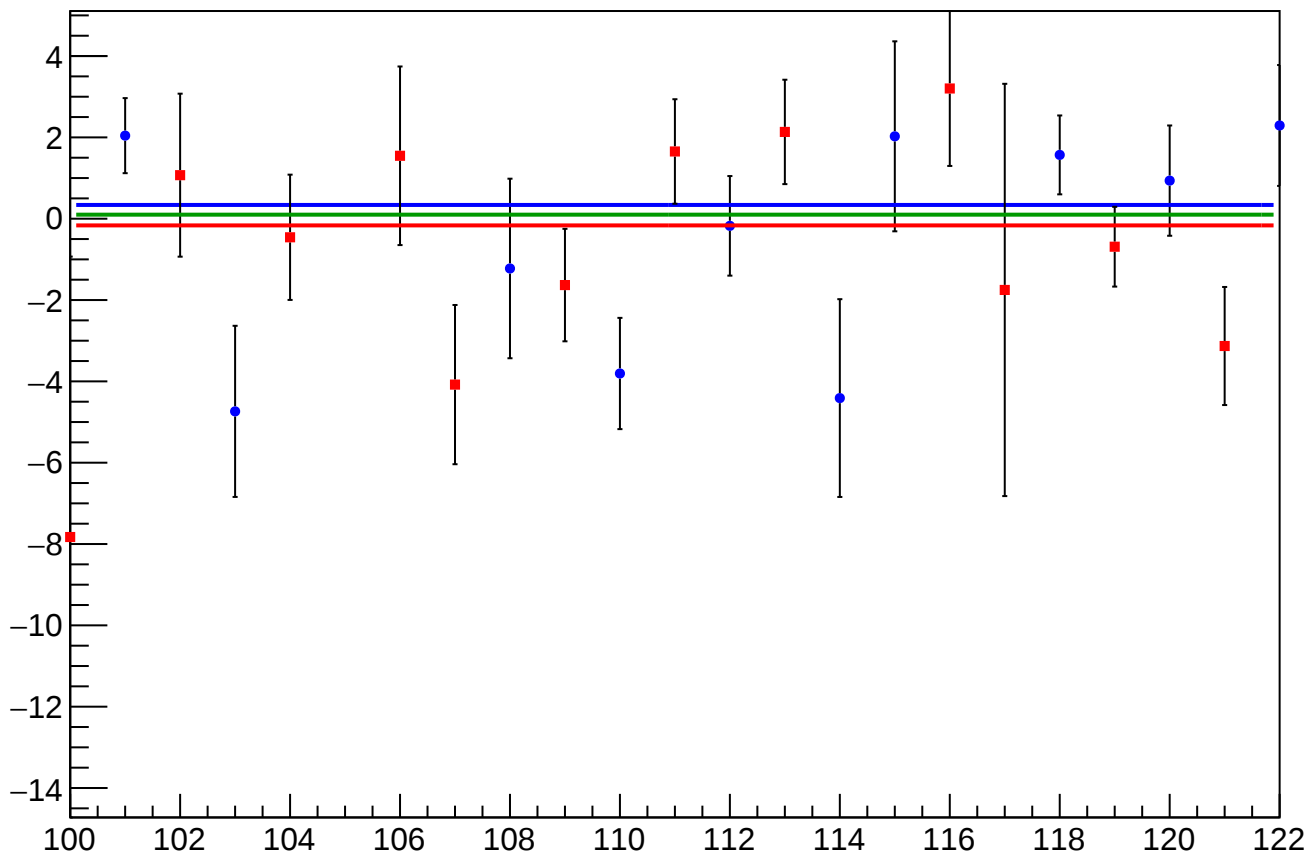
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-4.020+/-0.704 χ^2 /NDF: 475.6/9

-1.331+/-0.476 χ^2 /NDF: 868.4/21

0.943+/-0.647 χ^2 /NDF: 365.8/11

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.339+/-0.438 χ^2/NDF : 27.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.164+/-0.460 χ^2/NDF : 20.3/11

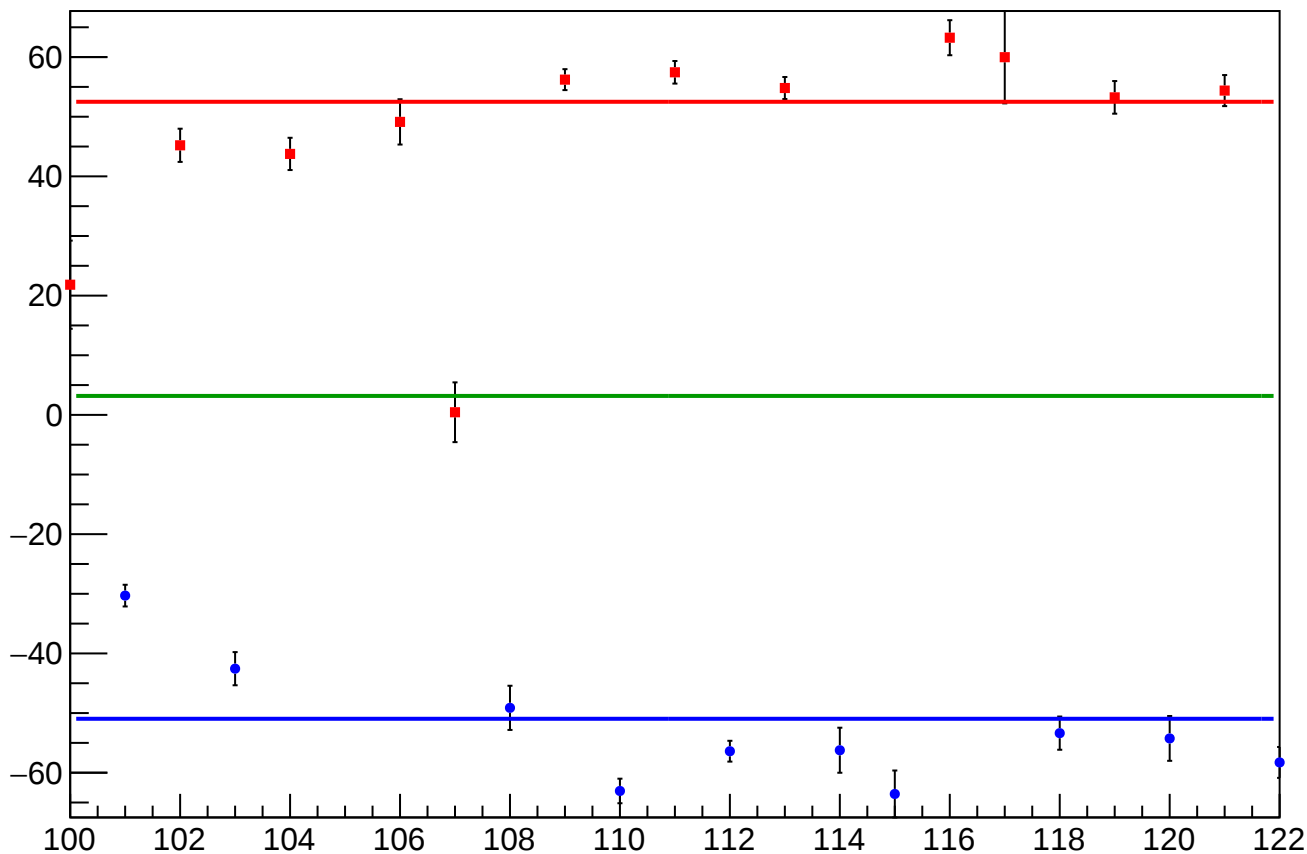
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.339+/-0.438 χ^2/NDF : 27.0/9

0.100+/-0.317 χ^2/NDF : 47.9/21

-0.164+/-0.460 χ^2/NDF : 20.3/11

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.958±/-0.803 χ^2/NDF : 204.2/9

Left Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.506±/-0.766 χ^2/NDF : 171.1/11

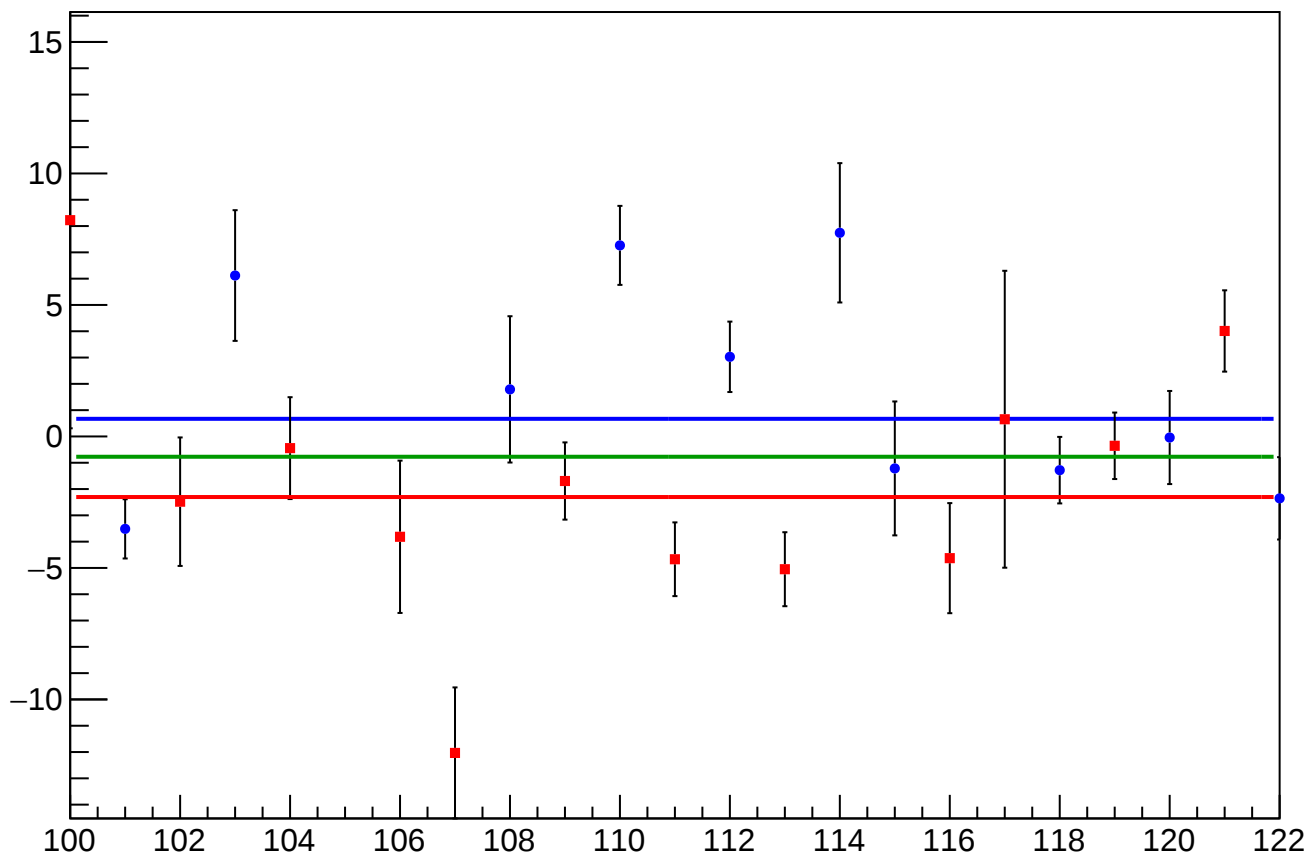
Left In: 0.000±/-0.000 χ^2/NDF : 0.0/0

-50.958±/-0.803 χ^2/NDF : 204.2/9

3.181±/-0.554 χ^2/NDF : 9068.2/21

52.506±/-0.766 χ^2/NDF : 171.1/11

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.670 $\pm$ 0.518 χ^2 /NDF: 55.1/9

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

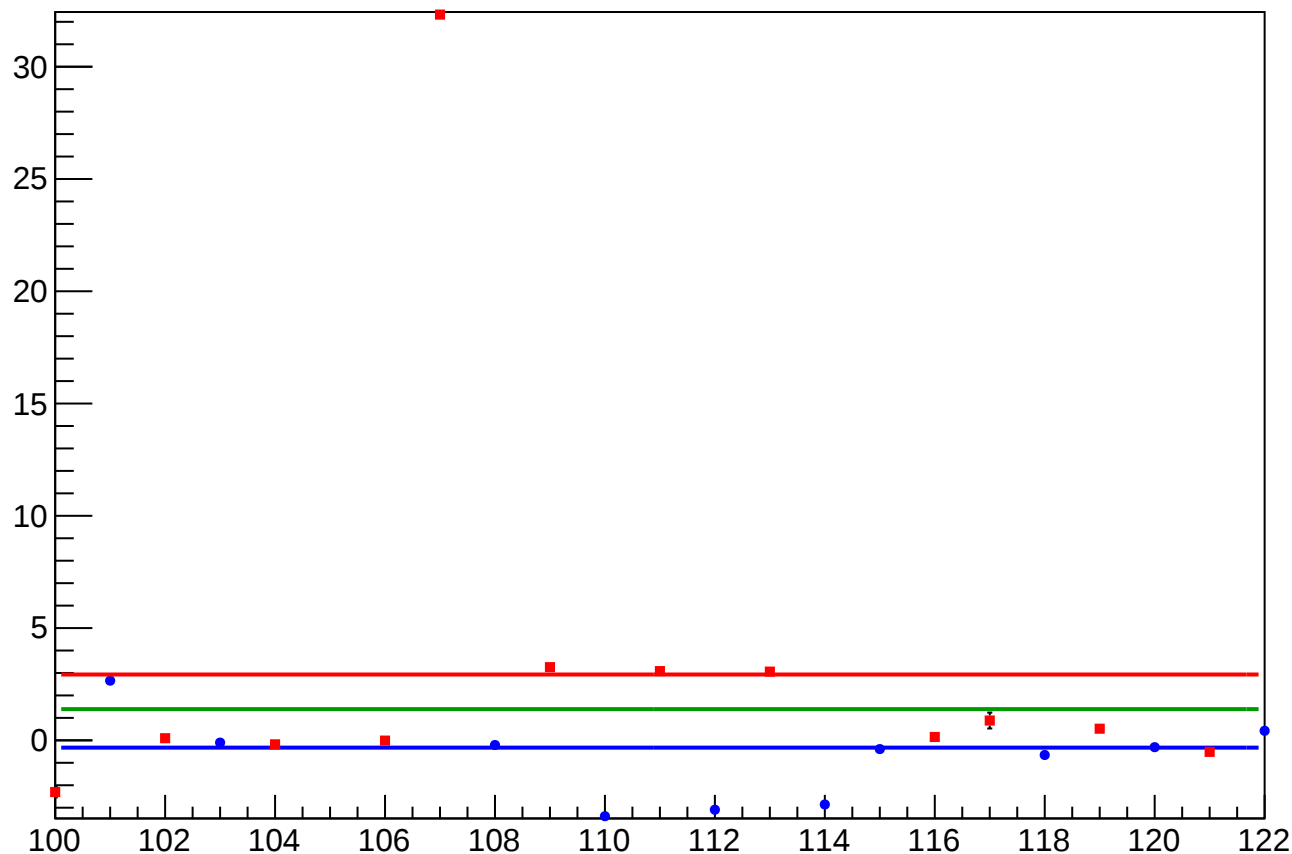
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.670 $\pm$ 0.518 χ^2 /NDF: 55.1/9

-0.772 $\pm$ 0.372 χ^2 /NDF: 116.7/21

-2.303 $\pm$ 0.534 χ^2 /NDF: 45.6/11

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.324+/-0.029 χ^2/NDF : 4448.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.932+/-0.028 χ^2/NDF : 72318.2/11

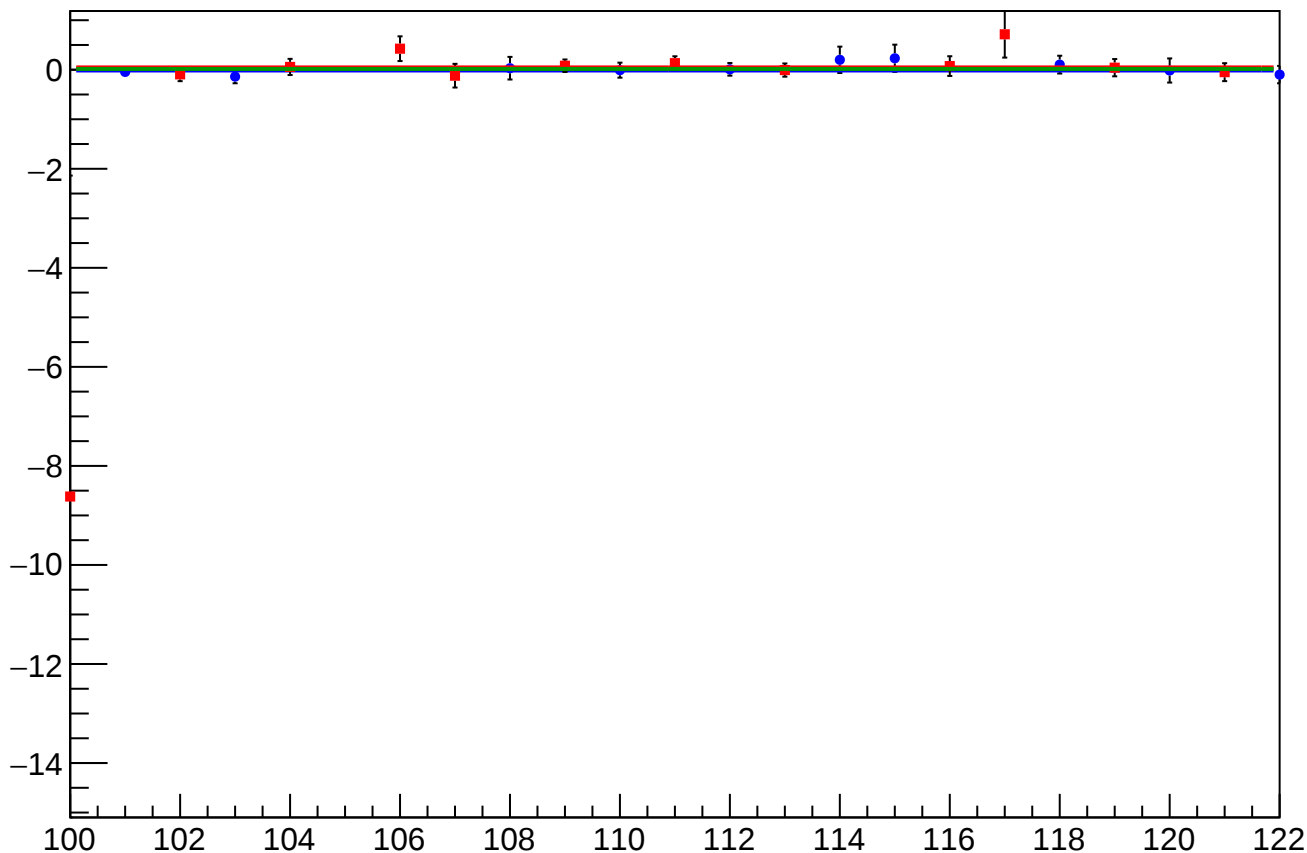
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.324+/-0.029 χ^2/NDF : 4448.9/9

1.390+/-0.020 χ^2/NDF : 83185.4/21

2.932+/-0.028 χ^2/NDF : 72318.2/11

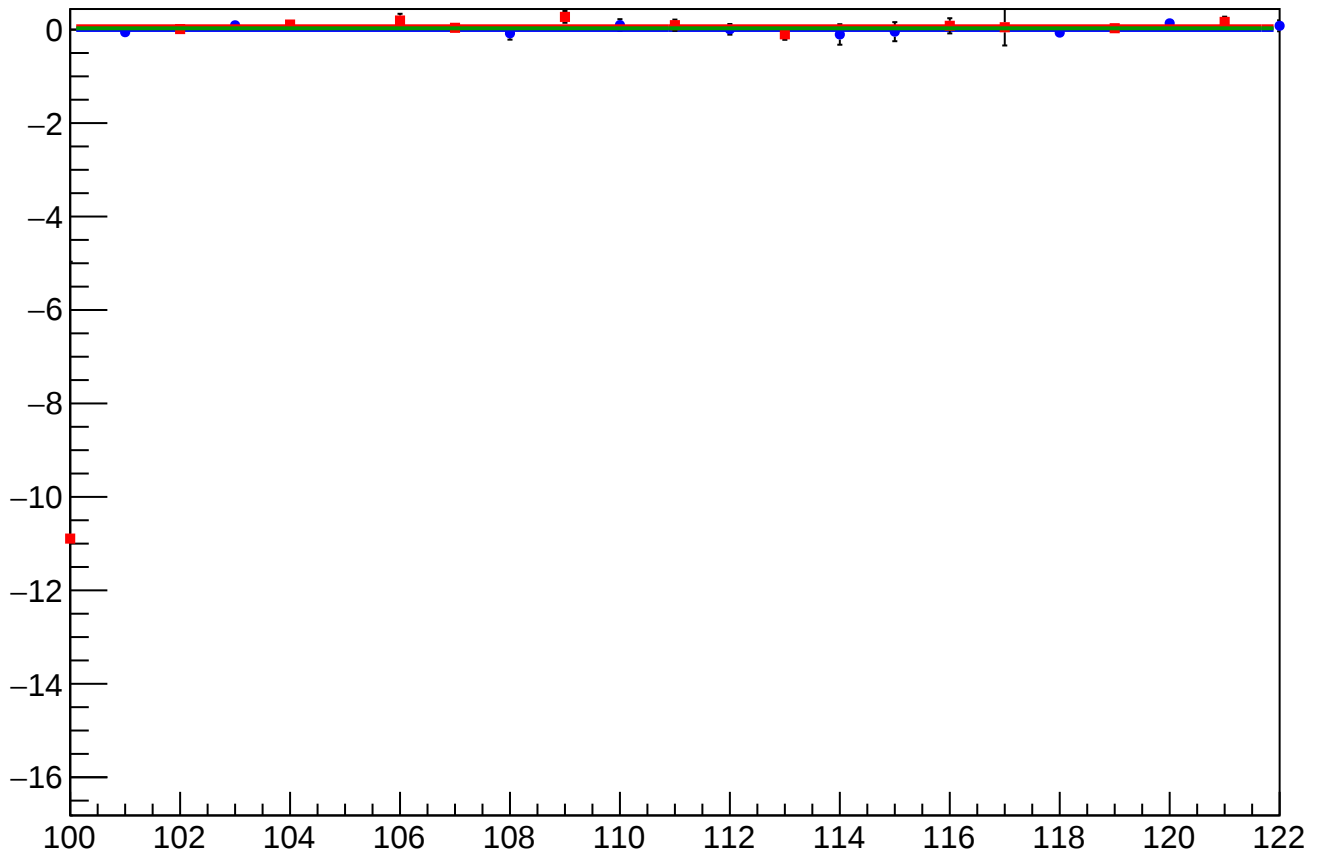
reg_asym_ds_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.015 $\pm$ 0.051 χ^2 /NDF: 3.1/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.047 $\pm$ 0.051 χ^2 /NDF: 8.6/11
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-0.015 $\pm$ 0.051 χ^2 /NDF: 3.1/9
 0.016 $\pm$ 0.036 χ^2 /NDF: 12.4/21
 0.047 $\pm$ 0.051 χ^2 /NDF: 8.6/11

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.029 χ^2 /NDF: 6.8/9

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

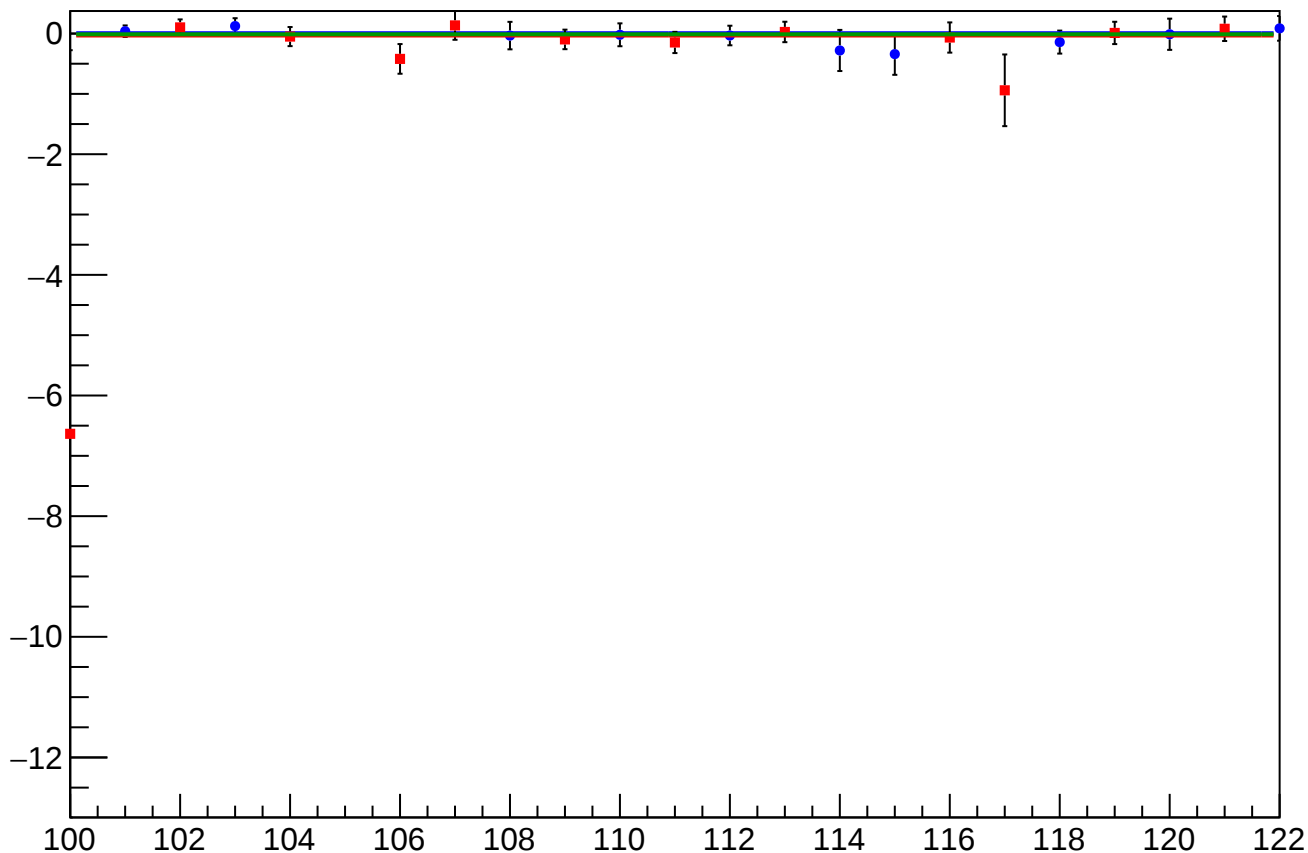
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.006 $\pm$ 0.029 χ^2 /NDF: 6.8/9

0.028 $\pm$ 0.022 χ^2 /NDF: 20.6/21

0.072 $\pm$ 0.033 χ^2 /NDF: 10.6/11

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.006+/-0.054 χ^2/NDF : 3.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.032+/-0.057 χ^2/NDF : 8.5/11

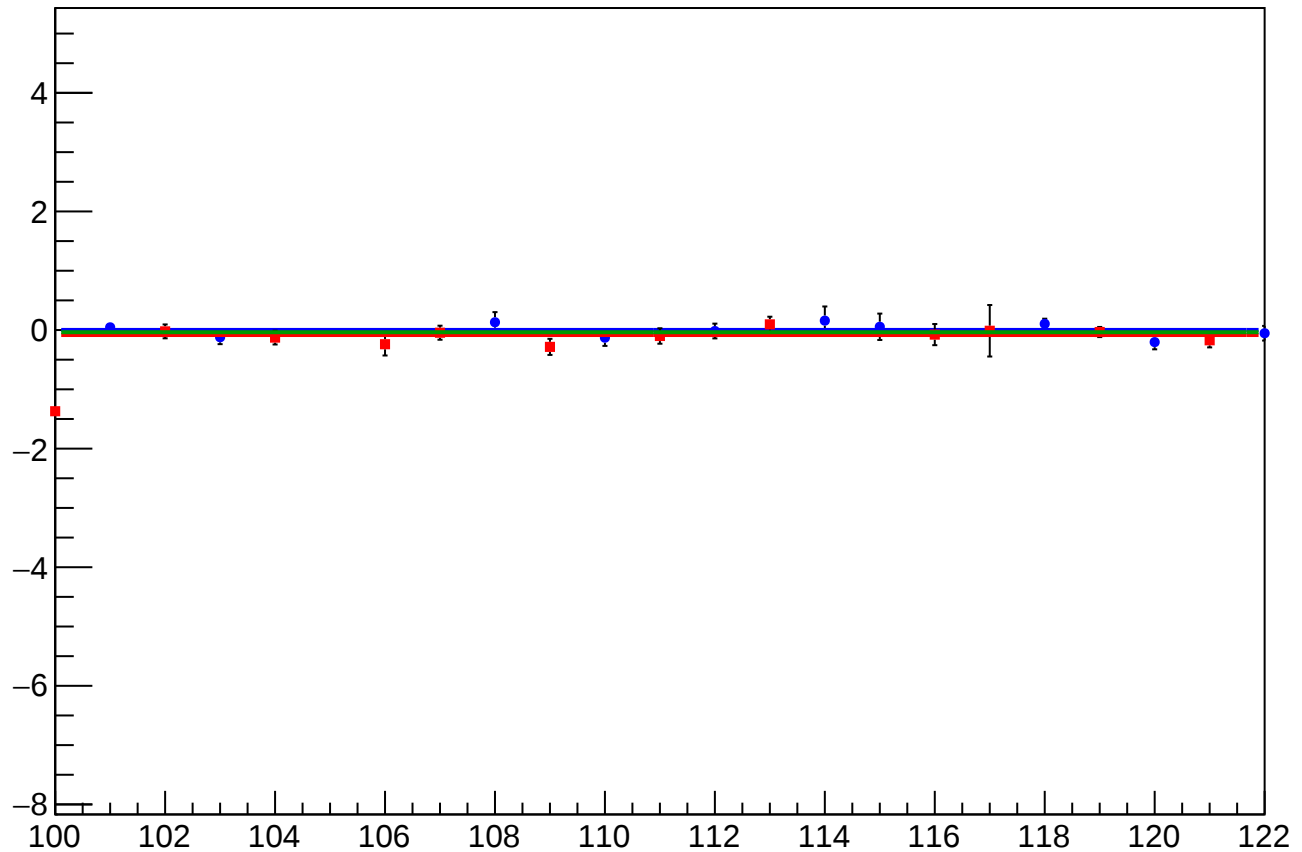
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.054 χ^2/NDF : 3.5/9

-0.012+/-0.039 χ^2/NDF : 12.3/21

-0.032+/-0.057 χ^2/NDF : 8.5/11

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.035 χ^2 /NDF: 8.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.084 $\pm$ 0.039 χ^2 /NDF: 6.3/11

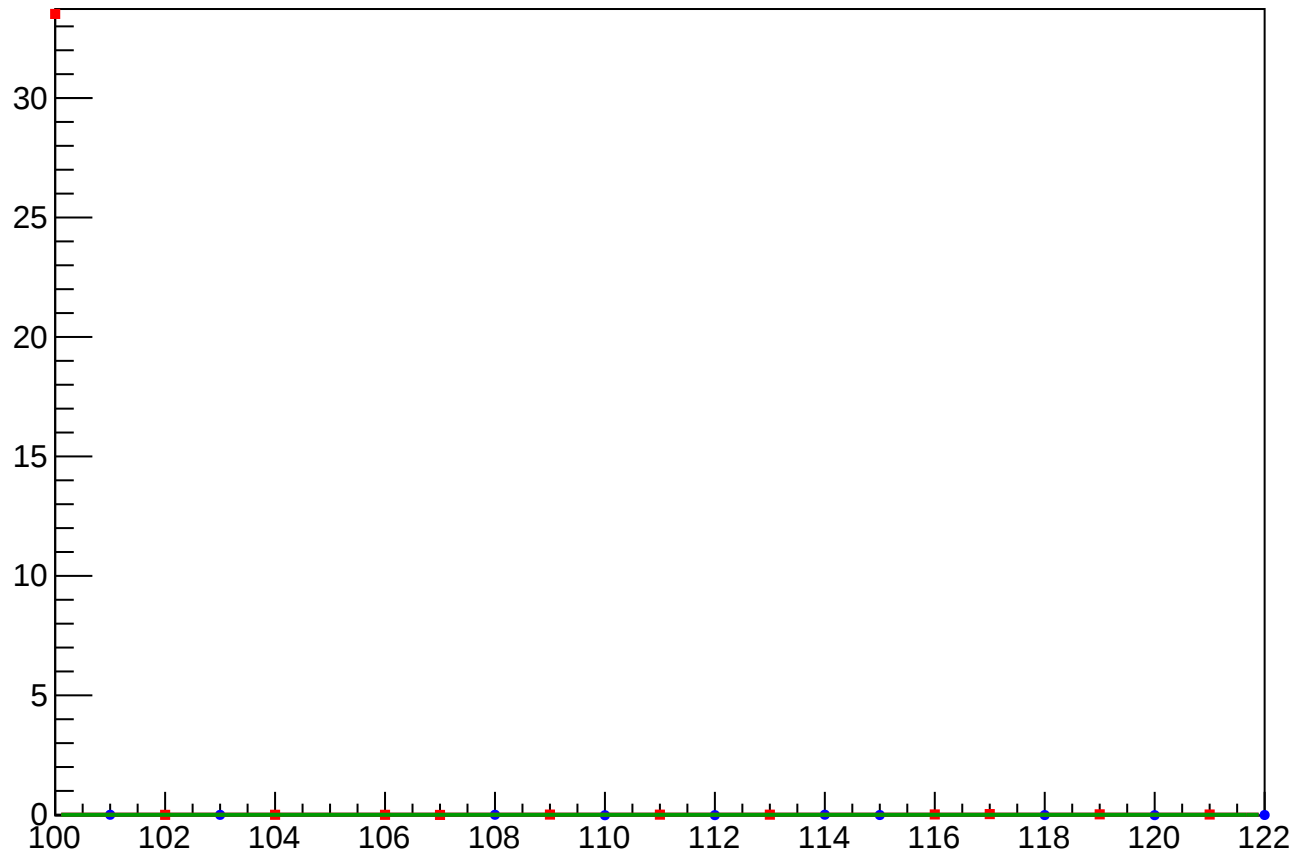
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.002 $\pm$ 0.035 χ^2 /NDF: 8.1/9

-0.037 $\pm$ 0.026 χ^2 /NDF: 17.1/21

-0.084 $\pm$ 0.039 χ^2 /NDF: 6.3/11

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.003 $\pm$ 0.002 χ^2 /NDF: 10.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.002 χ^2 /NDF: 26502.0/11

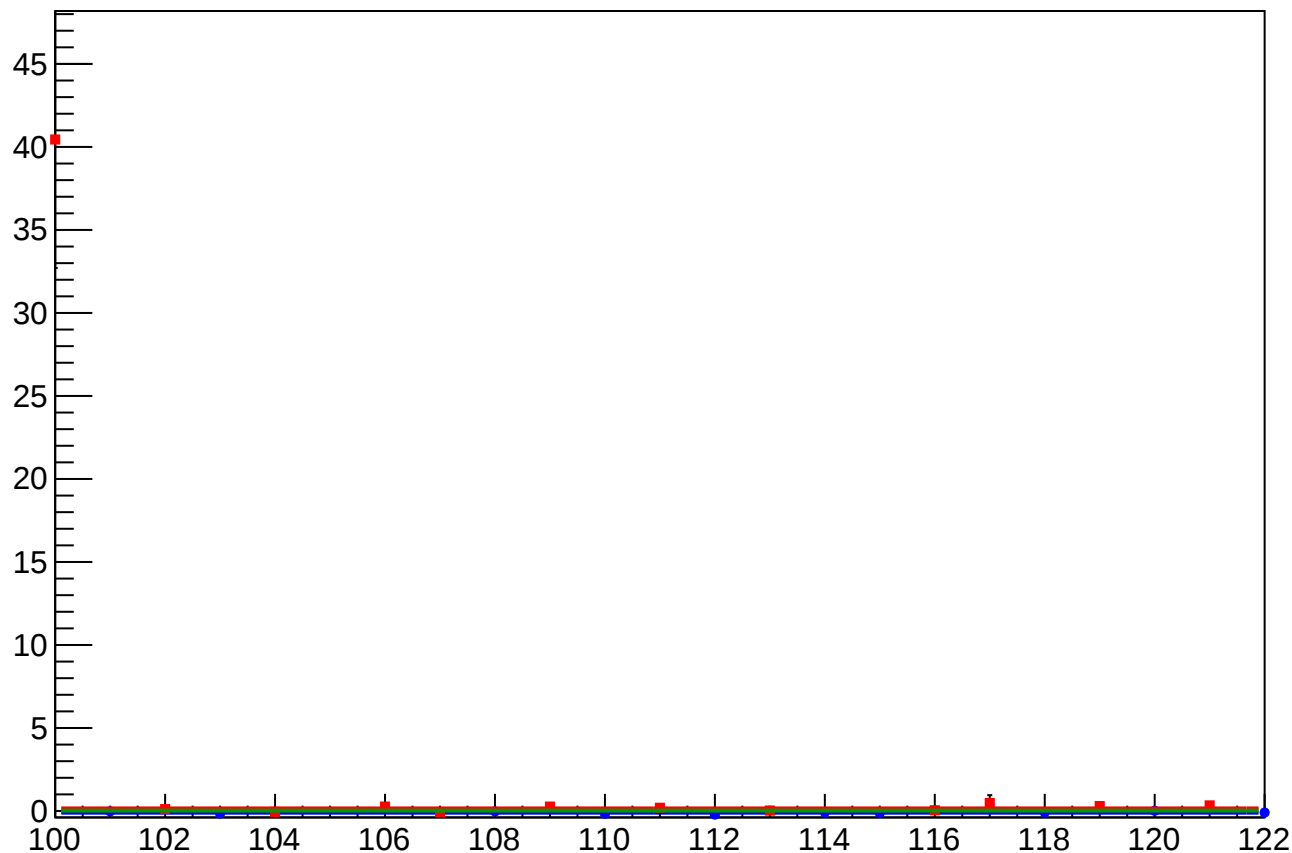
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-0.003 $\pm$ 0.002 χ^2 /NDF: 10.4/9

0.001 $\pm$ 0.001 χ^2 /NDF: 26522.2/21

0.005 $\pm$ 0.002 χ^2 /NDF: 26502.0/11

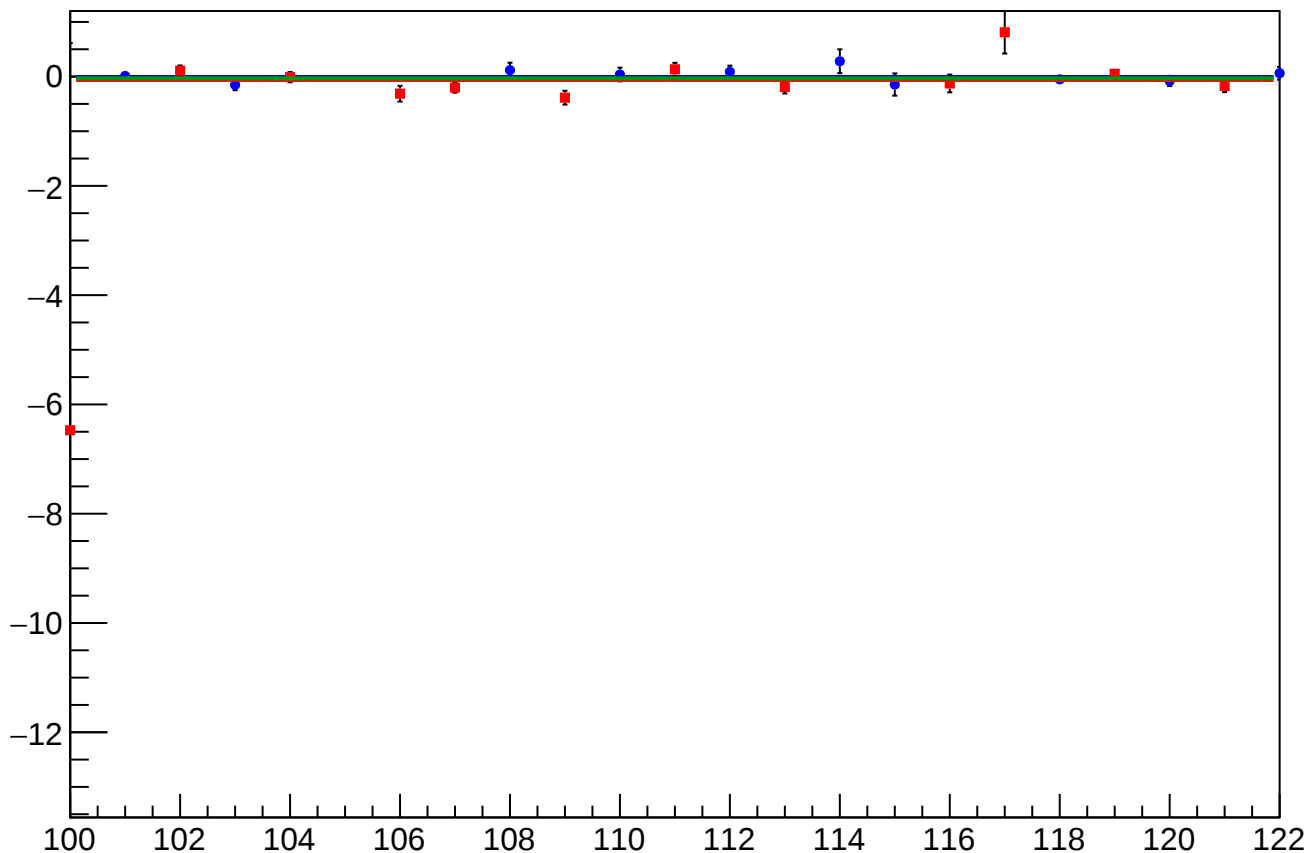
reg_asym_ds_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.101 $\pm$ 0.051 χ^2 /NDF: 2.2/9
 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 $\pm$ 0.051 χ^2 /NDF: 2.2/9
 0.027 $\pm$ 0.036 χ^2 /NDF: 48.9/21
 0.154 $\pm$ 0.051 χ^2 /NDF: 34.1/11

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.008 ± 0.029 $\chi^2/\text{NDF}: 7.6/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.062 ± 0.033 $\chi^2/\text{NDF}: 29.1/11$

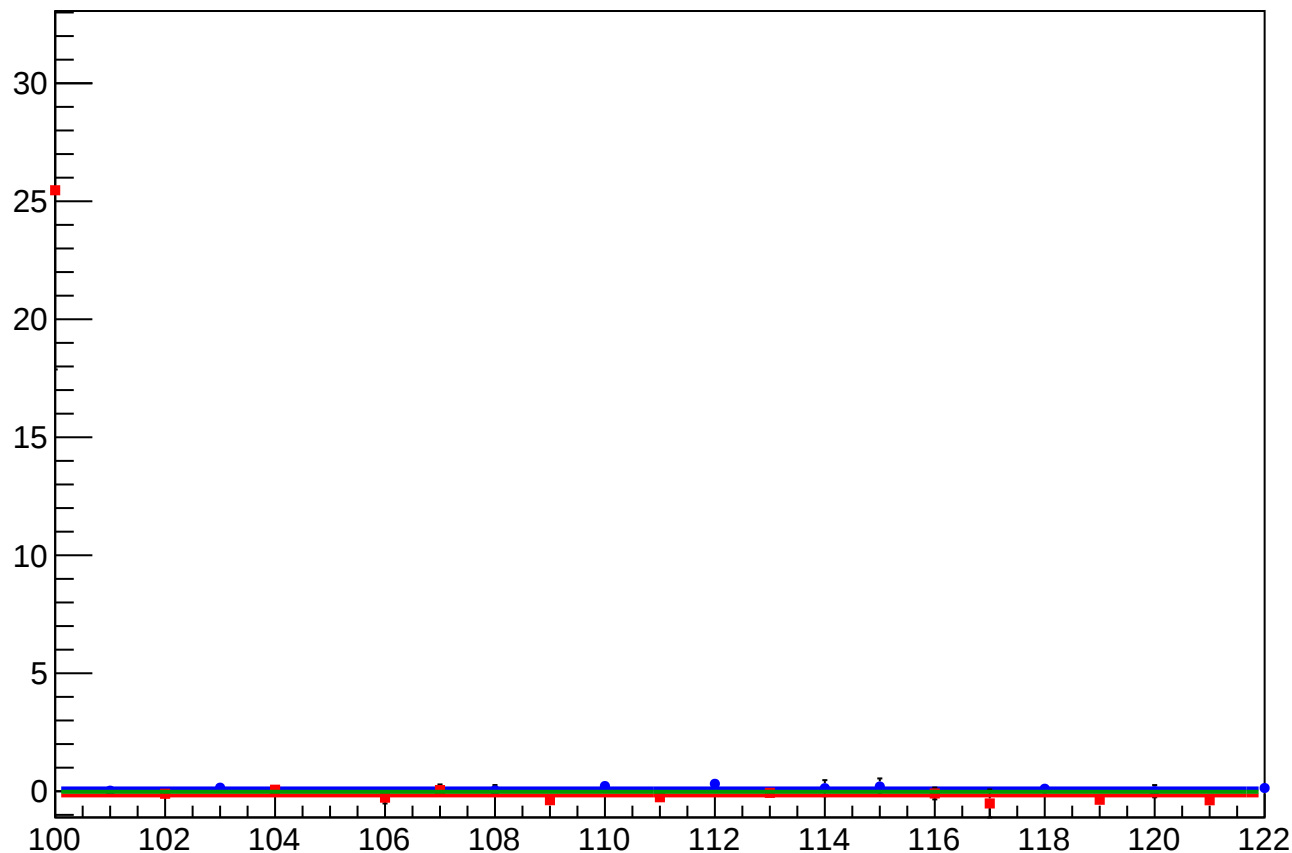
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.008 ± 0.029 $\chi^2/\text{NDF}: 7.6/9$

-0.032 ± 0.022 $\chi^2/\text{NDF}: 38.2/21$

-0.062 ± 0.033 $\chi^2/\text{NDF}: 29.1/11$

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.119+/-0.054 χ^2/NDF : 3.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.175+/-0.057 χ^2/NDF : 19.7/11

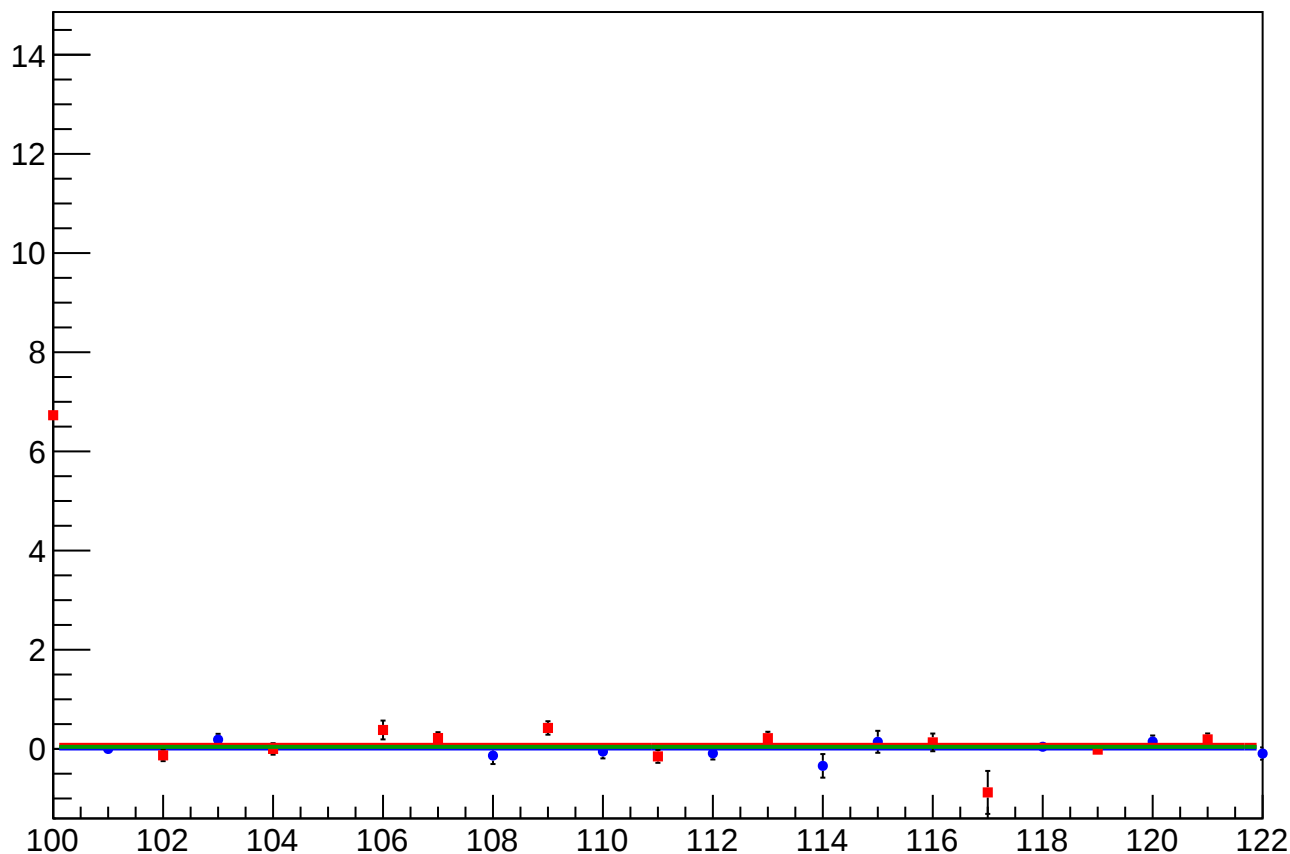
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.119+/-0.054 χ^2/NDF : 3.2/9

-0.022+/-0.039 χ^2/NDF : 36.9/21

-0.175+/-0.057 χ^2/NDF : 19.7/11

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.008+/-0.035 χ^2/NDF : 8.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.082+/-0.039 χ^2/NDF : 26.0/11

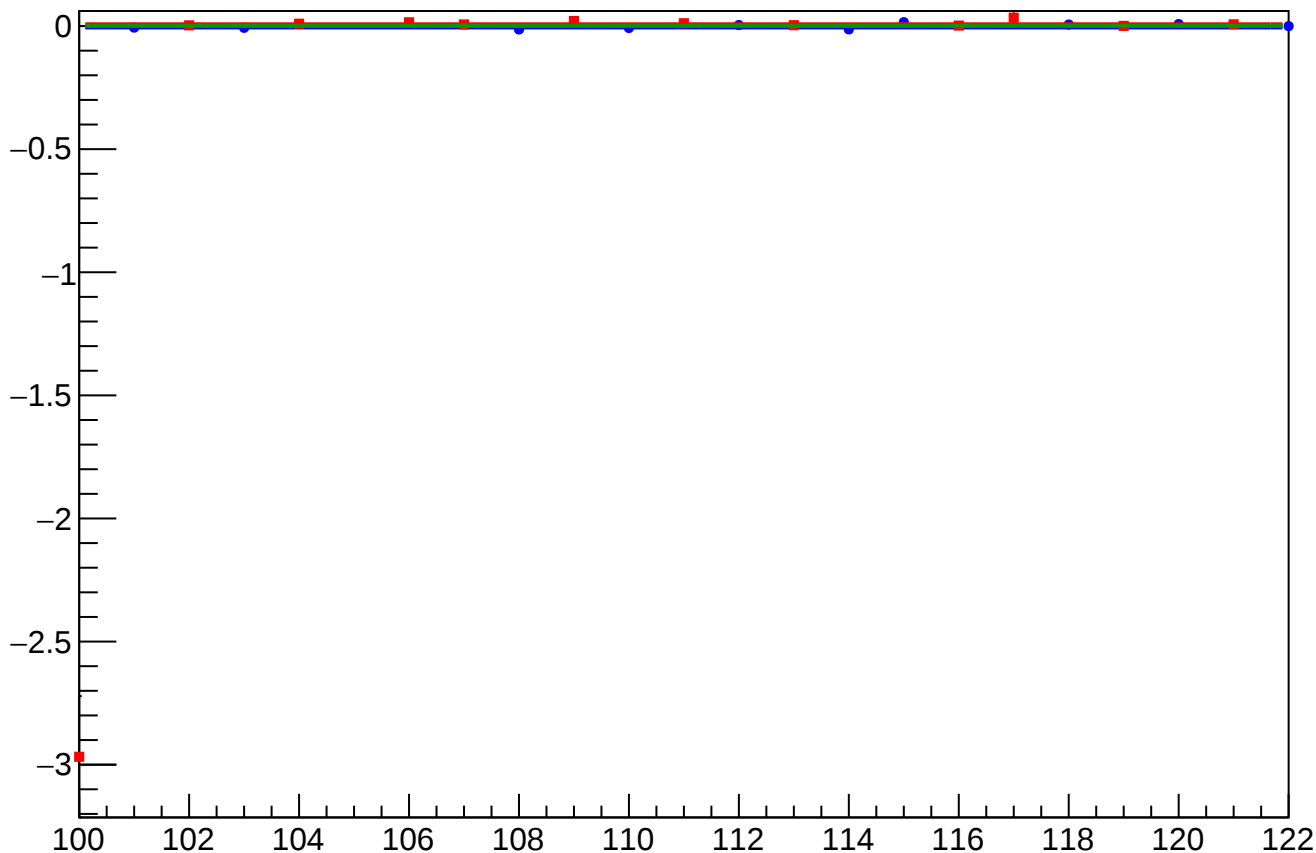
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.035 χ^2/NDF : 8.6/9

0.041+/-0.026 χ^2/NDF : 36.6/21

0.082+/-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: 11.5/9

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

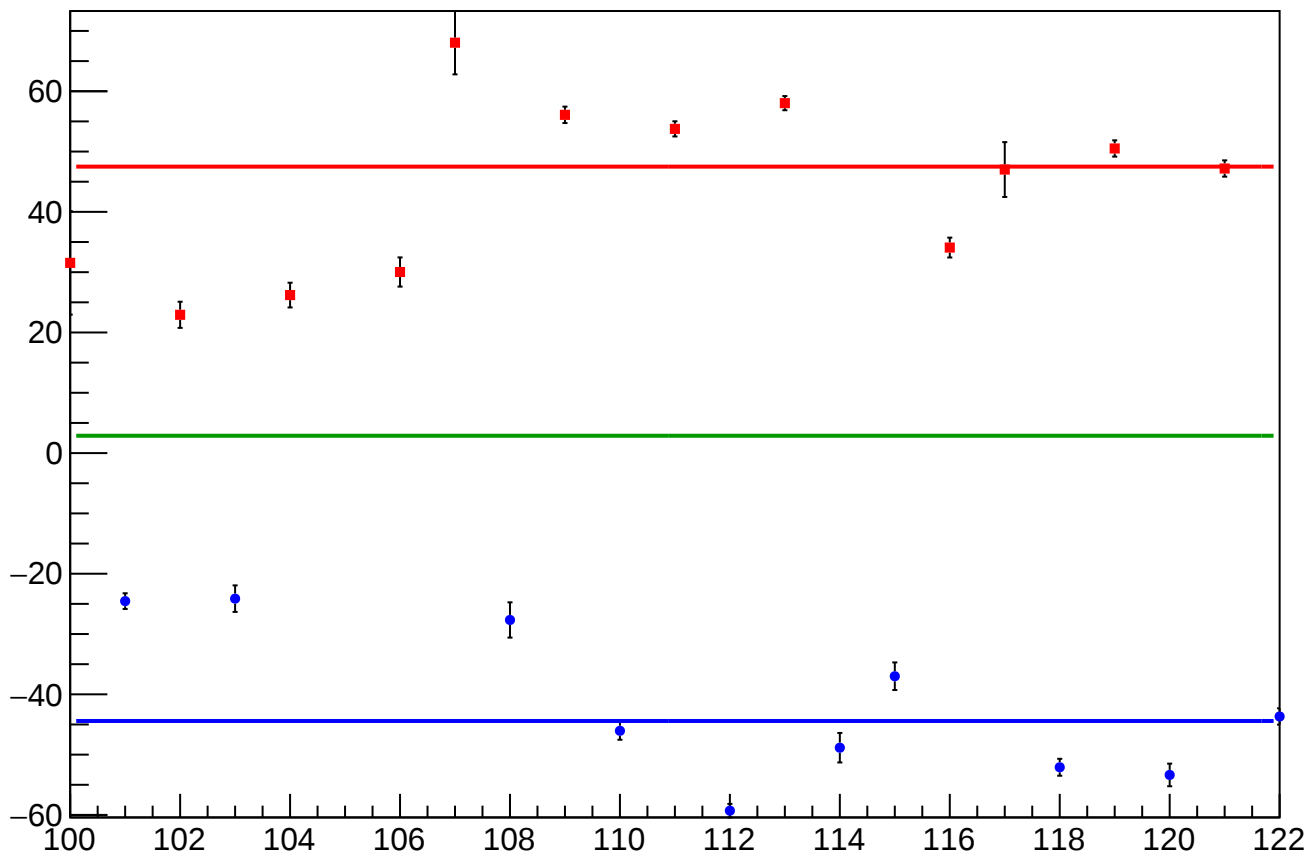
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.006 $\pm$ 0.002 χ^2 /NDF: 11.5/9

0.001 $\pm$ 0.001 χ^2 /NDF: 193.6/21

0.007 $\pm$ 0.002 χ^2 /NDF: 156.0/11

reg_asym_left_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -44.419 $\pm$ 0.510 χ^2 /NDF: 594.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 47.502 $\pm$ 0.495 χ^2 /NDF: 523.5/11

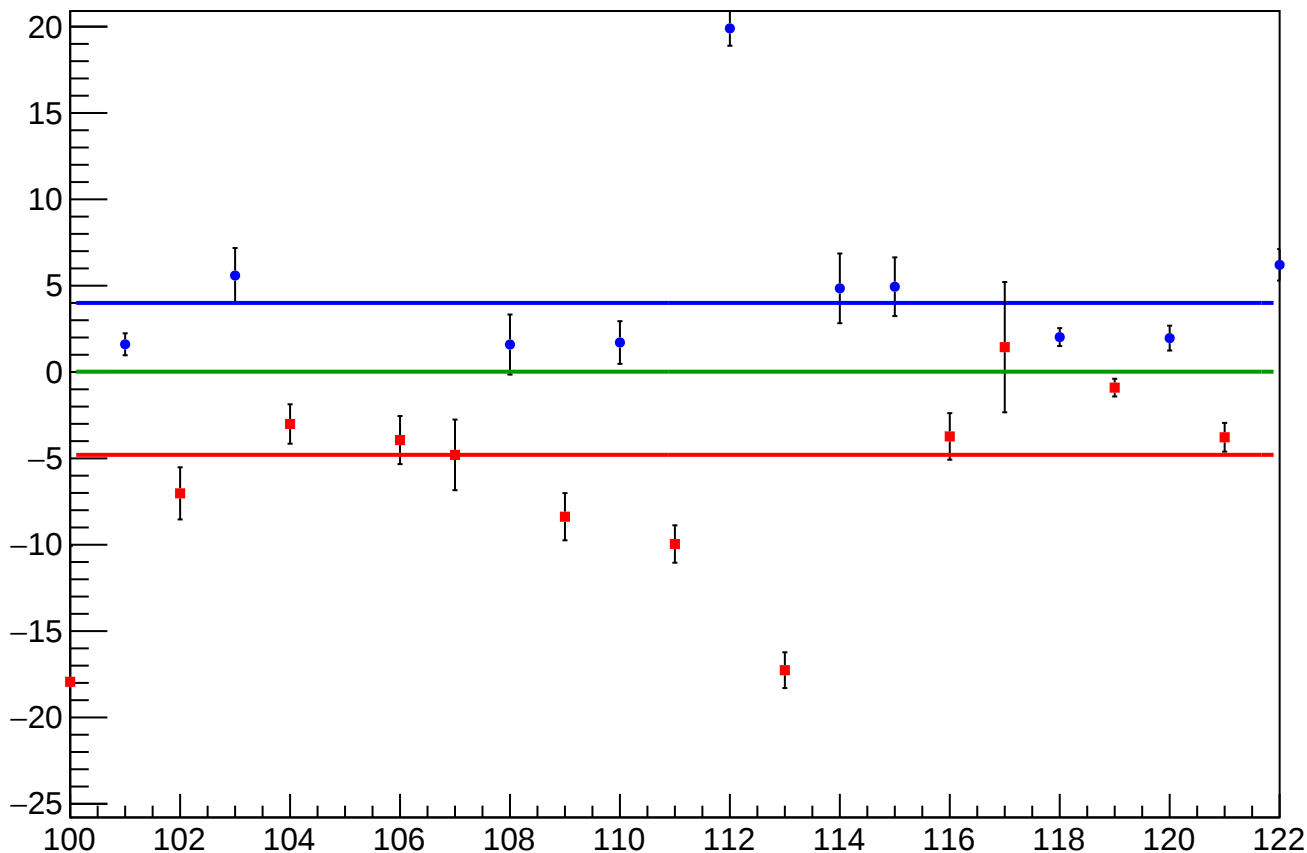
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-44.419 $\pm$ 0.510 χ^2 /NDF: 594.2/9

2.878 $\pm$ 0.355 χ^2 /NDF: 17861.4/21

47.502 $\pm$ 0.495 χ^2 /NDF: 523.5/11

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.003+/-0.285 χ^2/NDF : 299.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.794+/-0.314 χ^2/NDF : 244.4/11

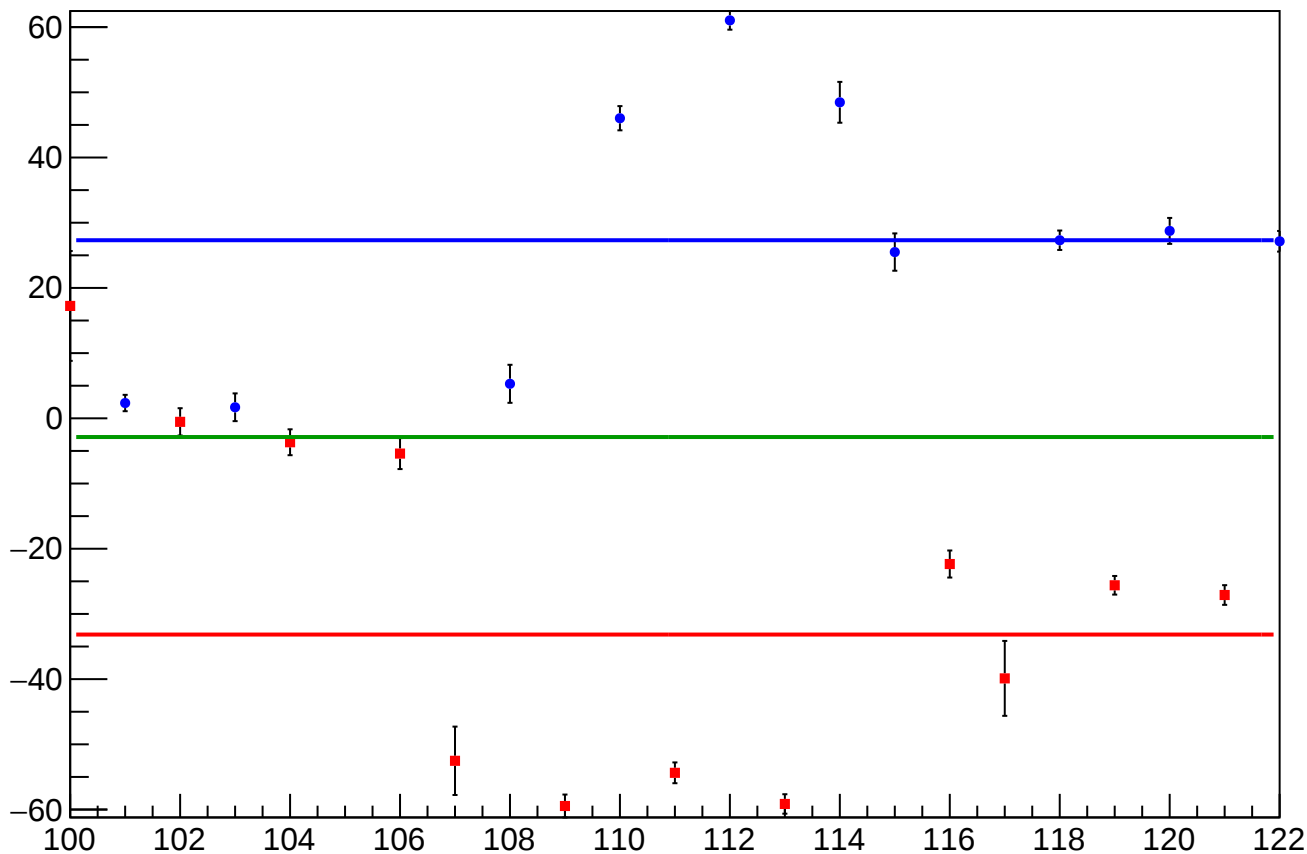
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.003+/-0.285 χ^2/NDF : 299.2/9

0.021+/-0.211 χ^2/NDF : 974.1/21

-4.794+/-0.314 χ^2/NDF : 244.4/11

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.315+/-0.570 χ^2 /NDF: 1301.8/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -33.162+/-0.571 χ^2 /NDF: 1426.3/11

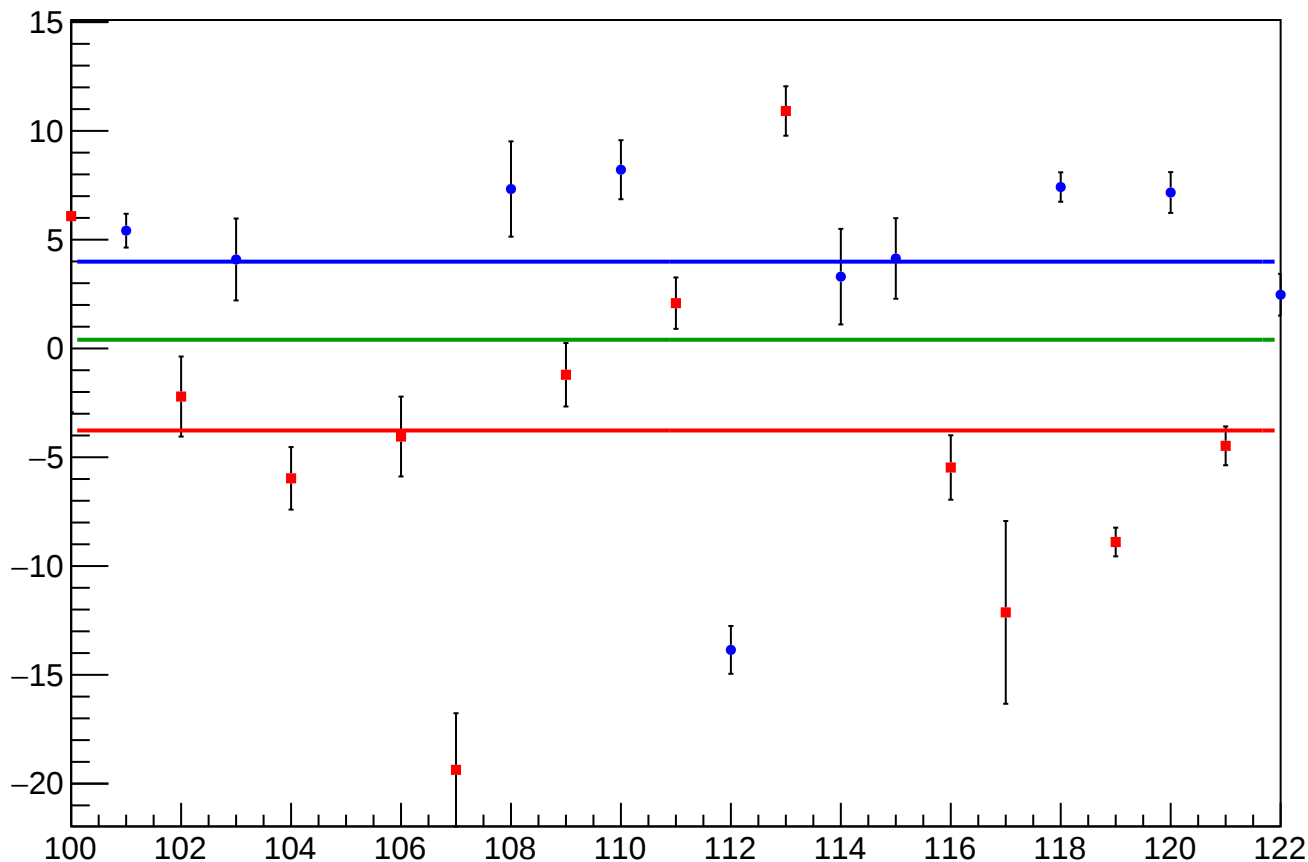
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

27.315+/-0.570 χ^2 /NDF: 1301.8/9

-2.869+/-0.403 χ^2 /NDF: 8347.8/21

-33.162+/-0.571 χ^2 /NDF: 1426.3/11

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.990 ± 0.344 $\chi^2/\text{NDF}: 318.9/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -3.769 ± 0.371 $\chi^2/\text{NDF}: 301.1/11$

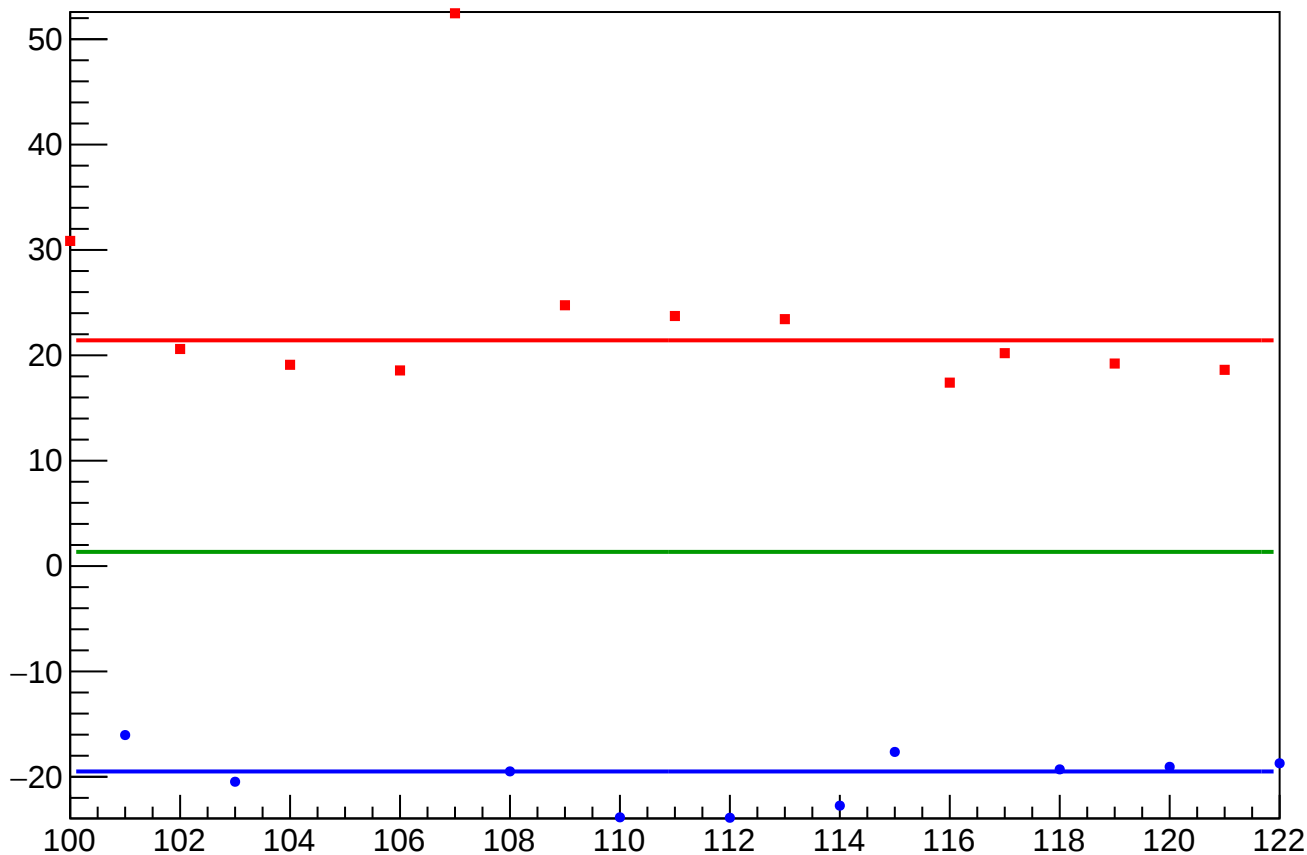
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

3.990 ± 0.344 $\chi^2/\text{NDF}: 318.9/9$

0.401 ± 0.252 $\chi^2/\text{NDF}: 855.0/21$

-3.769 ± 0.371 $\chi^2/\text{NDF}: 301.1/11$

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.493 $\pm$ 0.021 χ^2 /NDF: 13861.1/9

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

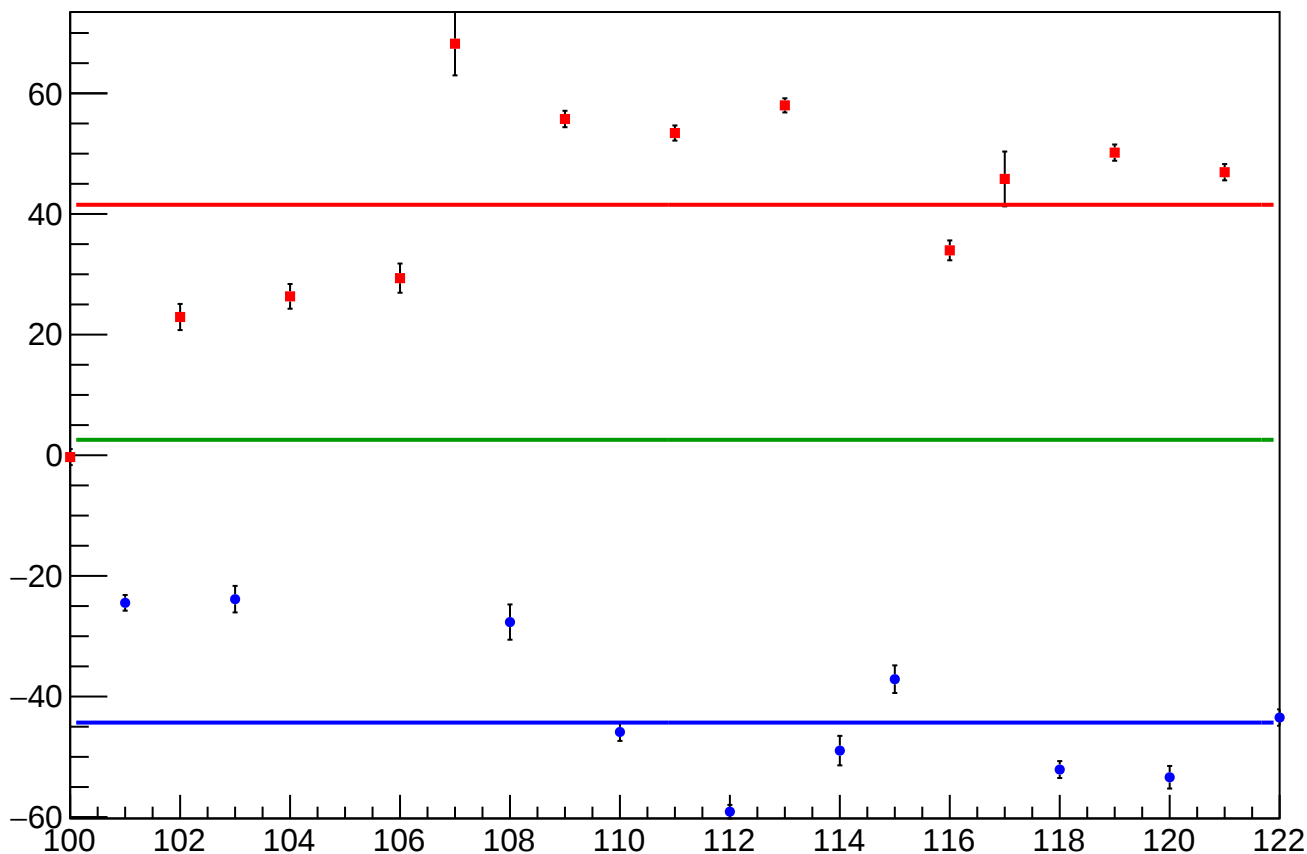
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-19.493 $\pm$ 0.021 χ^2 /NDF: 13861.1/9

1.346 $\pm$ 0.015 χ^2 /NDF: 2010661.2/21

21.422 $\pm$ 0.021 χ^2 /NDF: 80660.3/11

reg_asym_left_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -44.317 $\pm$ 0.509 χ^2 /NDF: 594.2/9

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

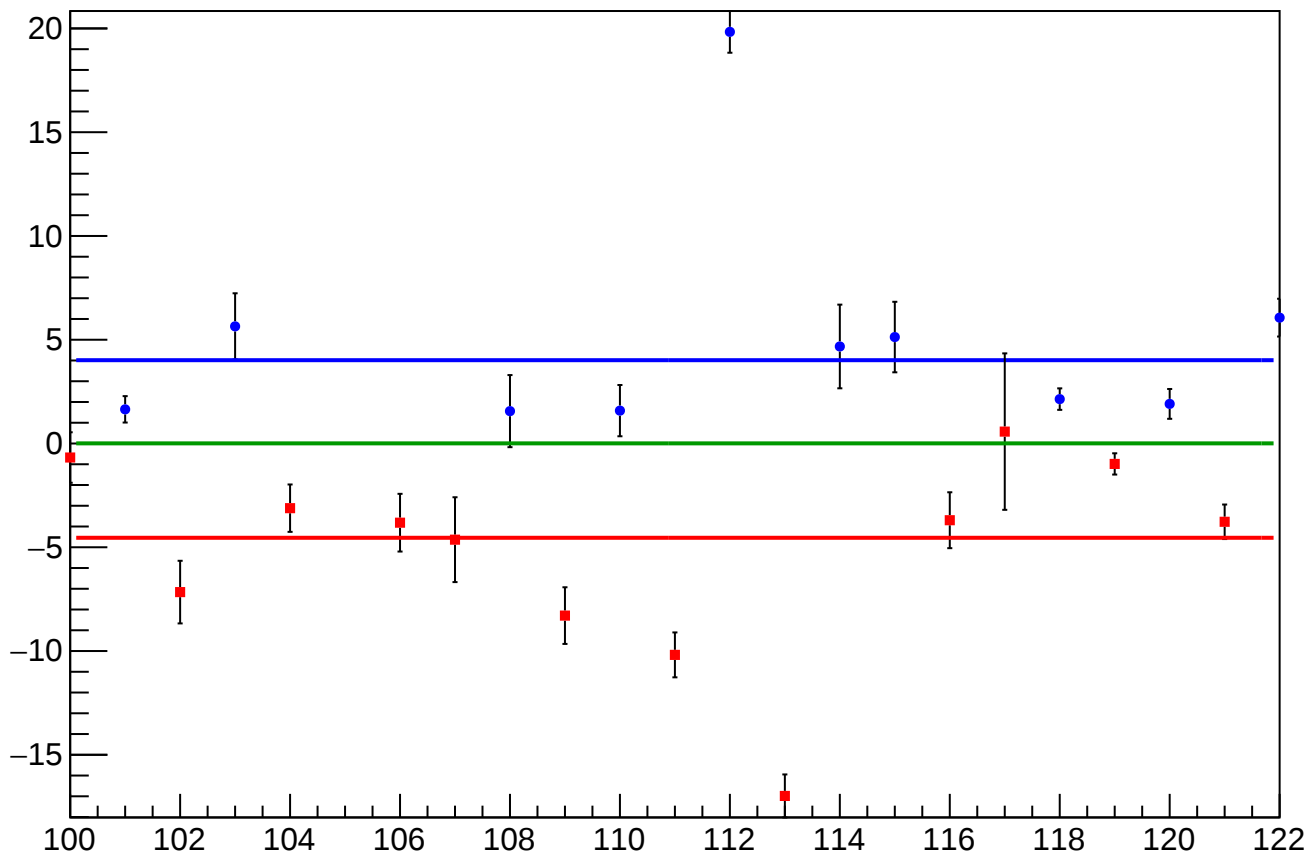
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-44.317 $\pm$ 0.509 χ^2 /NDF: 594.2/9

2.562 $\pm$ 0.343 χ^2 /NDF: 17756.1/21

41.525 $\pm$ 0.464 χ^2 /NDF: 1643.9/11

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.014 $\pm$ 0.285 χ^2/NDF : 295.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -4.543 $\pm$ 0.304 χ^2/NDF : 245.1/11

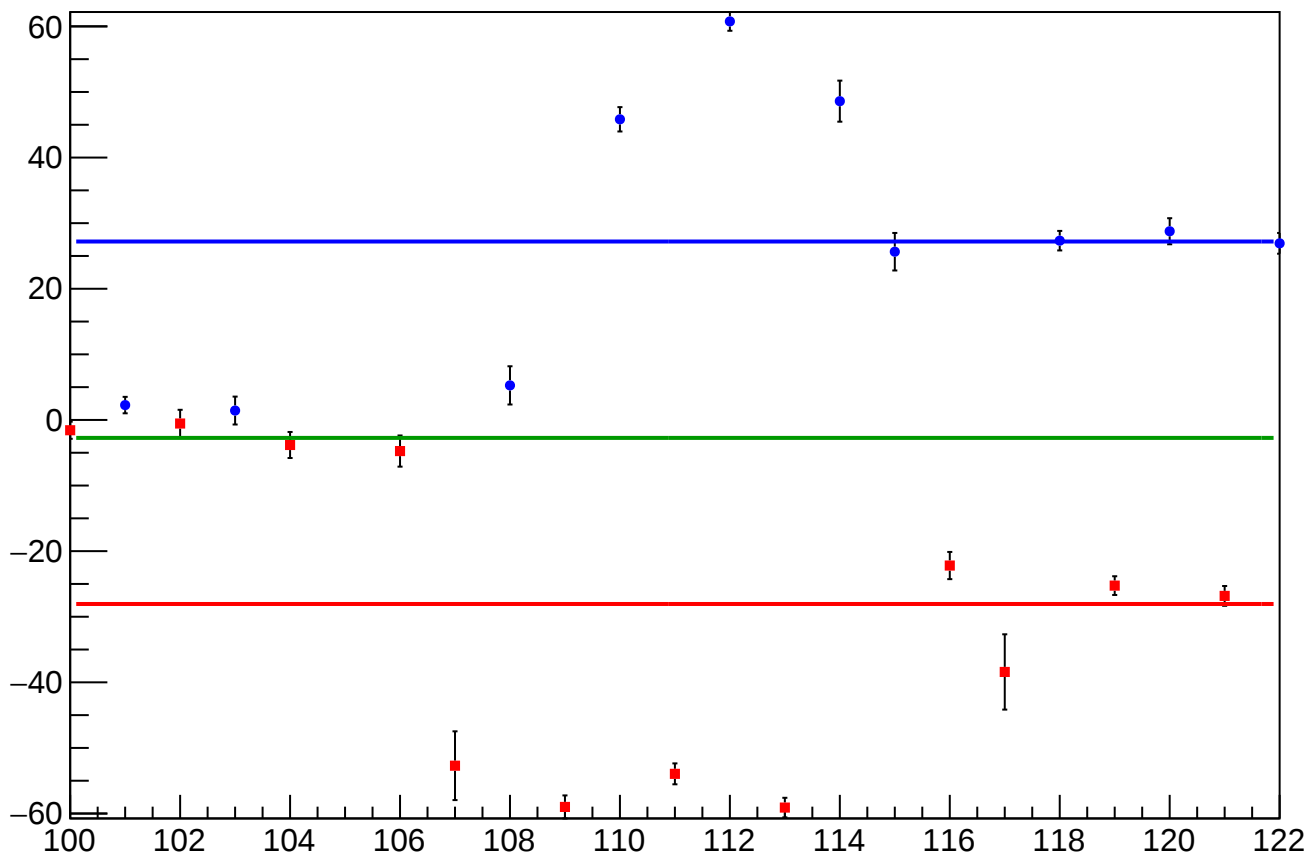
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

4.014 $\pm$ 0.285 χ^2/NDF : 295.8/9

0.006 $\pm$ 0.208 χ^2/NDF : 962.8/21

-4.543 $\pm$ 0.304 χ^2/NDF : 245.1/11

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.203+/-0.570 χ^2 /NDF: 1298.2/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -28.056+/-0.524 χ^2 /NDF: 1876.2/11

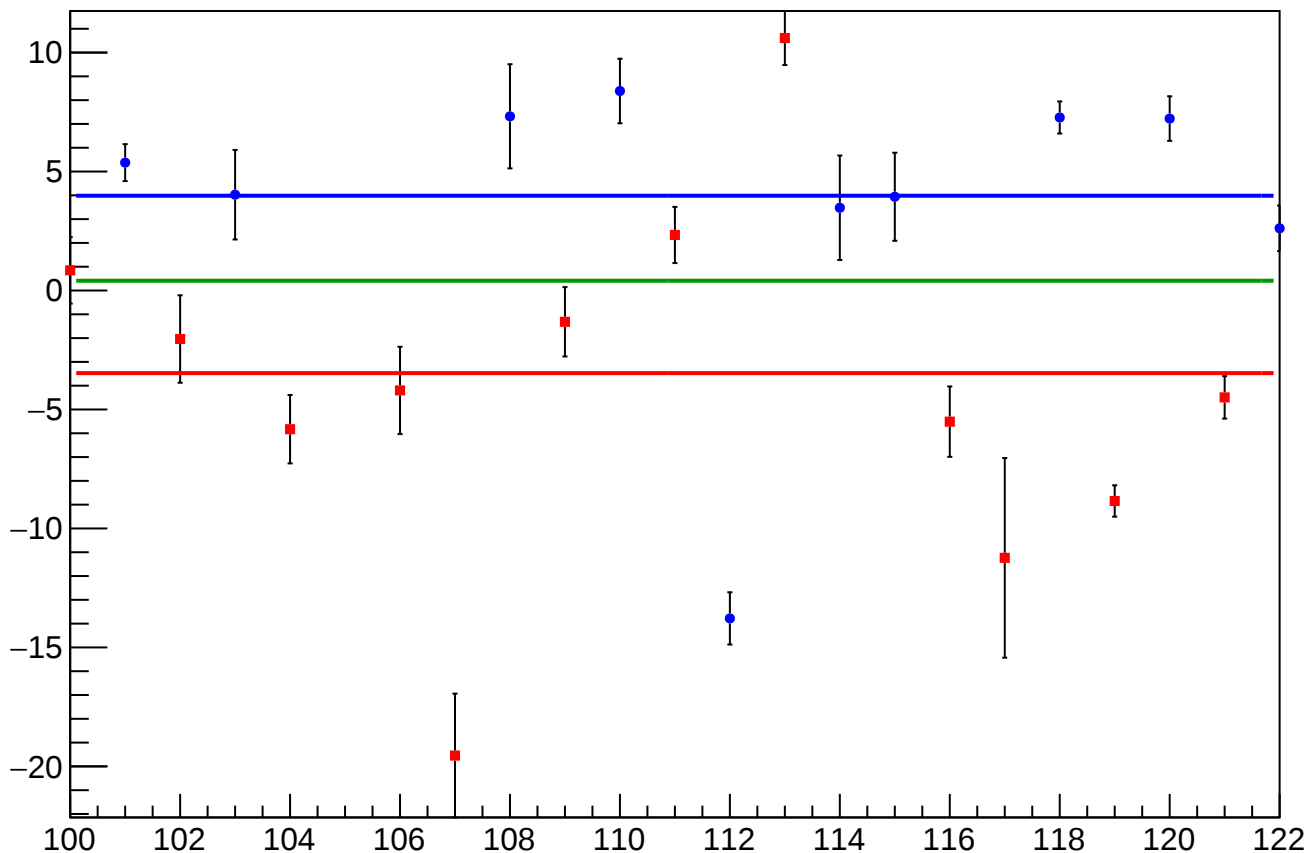
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

27.203+/-0.570 χ^2 /NDF: 1298.2/9

-2.736+/-0.386 χ^2 /NDF: 8274.2/21

-28.056+/-0.524 χ^2 /NDF: 1876.2/11

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.984 ± 0.344 $\chi^2/\text{NDF}: 315.5/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -3.471 ± 0.359 $\chi^2/\text{NDF}: 304.6/11$

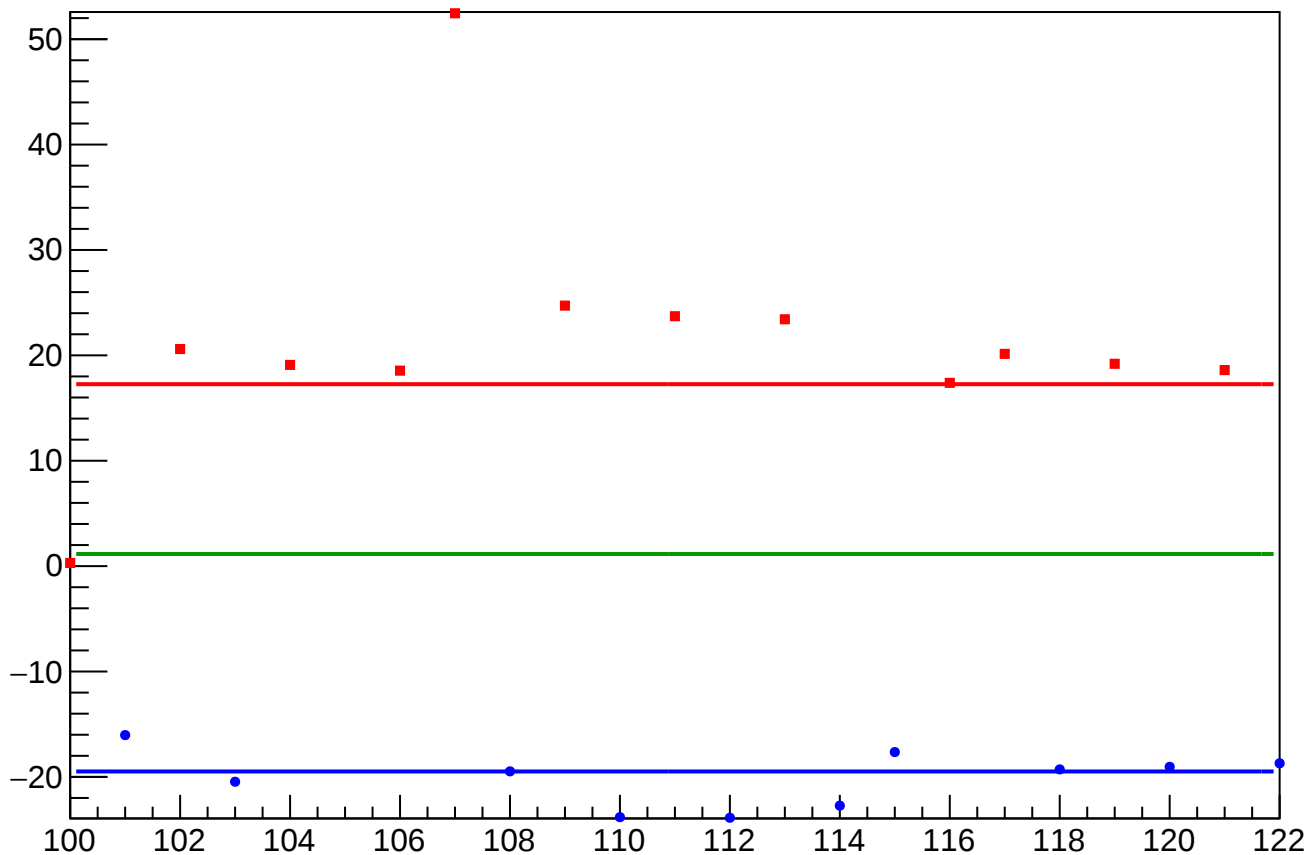
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

3.984 ± 0.344 $\chi^2/\text{NDF}: 315.5/9$

0.411 ± 0.248 $\chi^2/\text{NDF}: 845.1/21$

-3.471 ± 0.359 $\chi^2/\text{NDF}: 304.6/11$

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.484 $\pm$ 0.021 χ^2 /NDF: 13839.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.266 $\pm$ 0.019 χ^2 /NDF: 279369.5/11

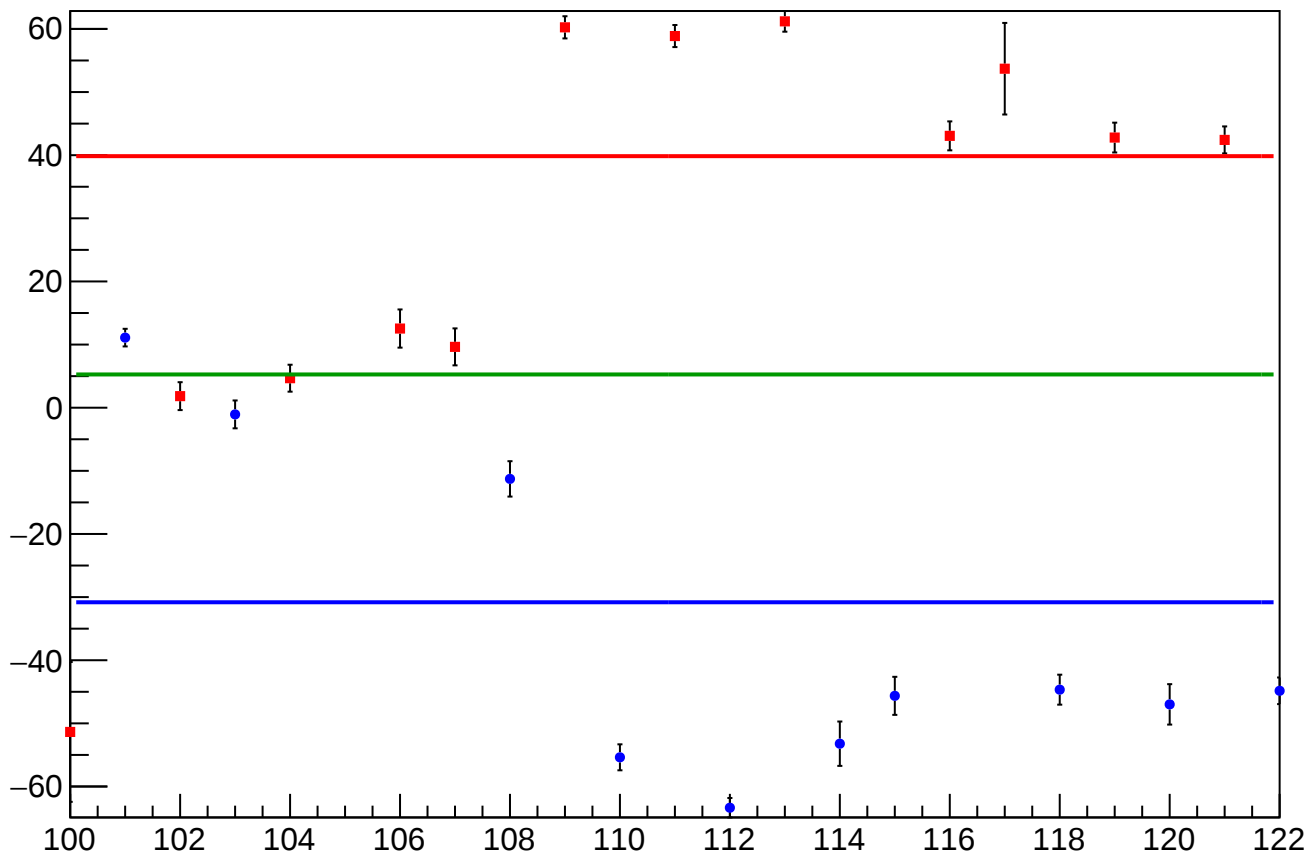
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-19.484 $\pm$ 0.021 χ^2 /NDF: 13839.3/9

1.153 $\pm$ 0.014 χ^2 /NDF: 1999746.1/21

17.266 $\pm$ 0.019 χ^2 /NDF: 279369.5/11

reg_asym_right_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -30.819+/-0.675 χ^2/NDF : 1890.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.846+/-0.661 χ^2/NDF : 1255.7/11

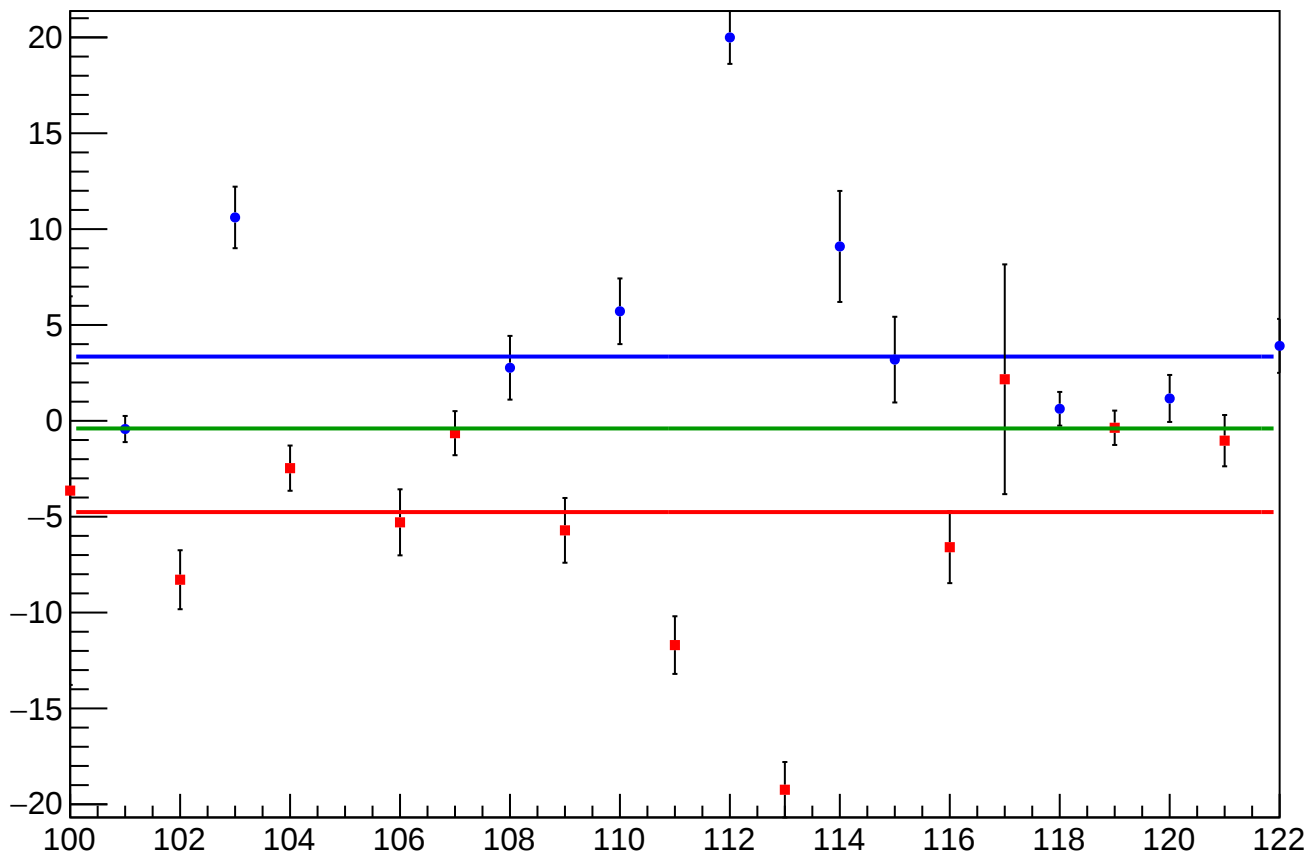
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-30.819+/-0.675 χ^2/NDF : 1890.3/9

5.267+/-0.472 χ^2/NDF : 8742.7/21

39.846+/-0.661 χ^2/NDF : 1255.7/11

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.353 ± 0.391 χ^2/NDF : 215.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.759 ± 0.421 χ^2/NDF : 178.0/11

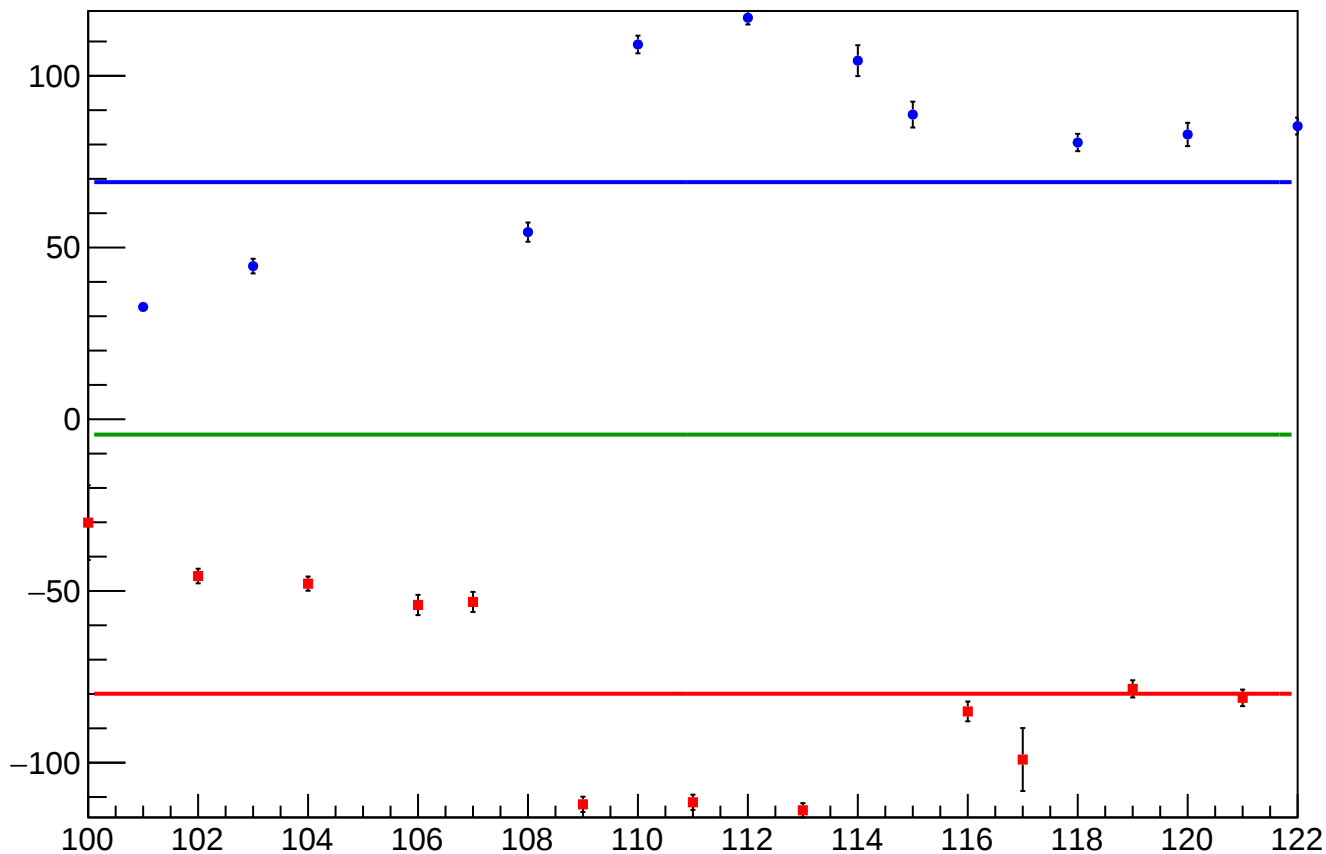
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

3.353 ± 0.391 χ^2/NDF : 215.8/9

-0.398 ± 0.287 χ^2/NDF : 593.0/21

-4.759 ± 0.421 χ^2/NDF : 178.0/11

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 69.043+/-0.737 χ^2/NDF : 1897.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -79.919+/-0.747 χ^2/NDF : 1365.7/11

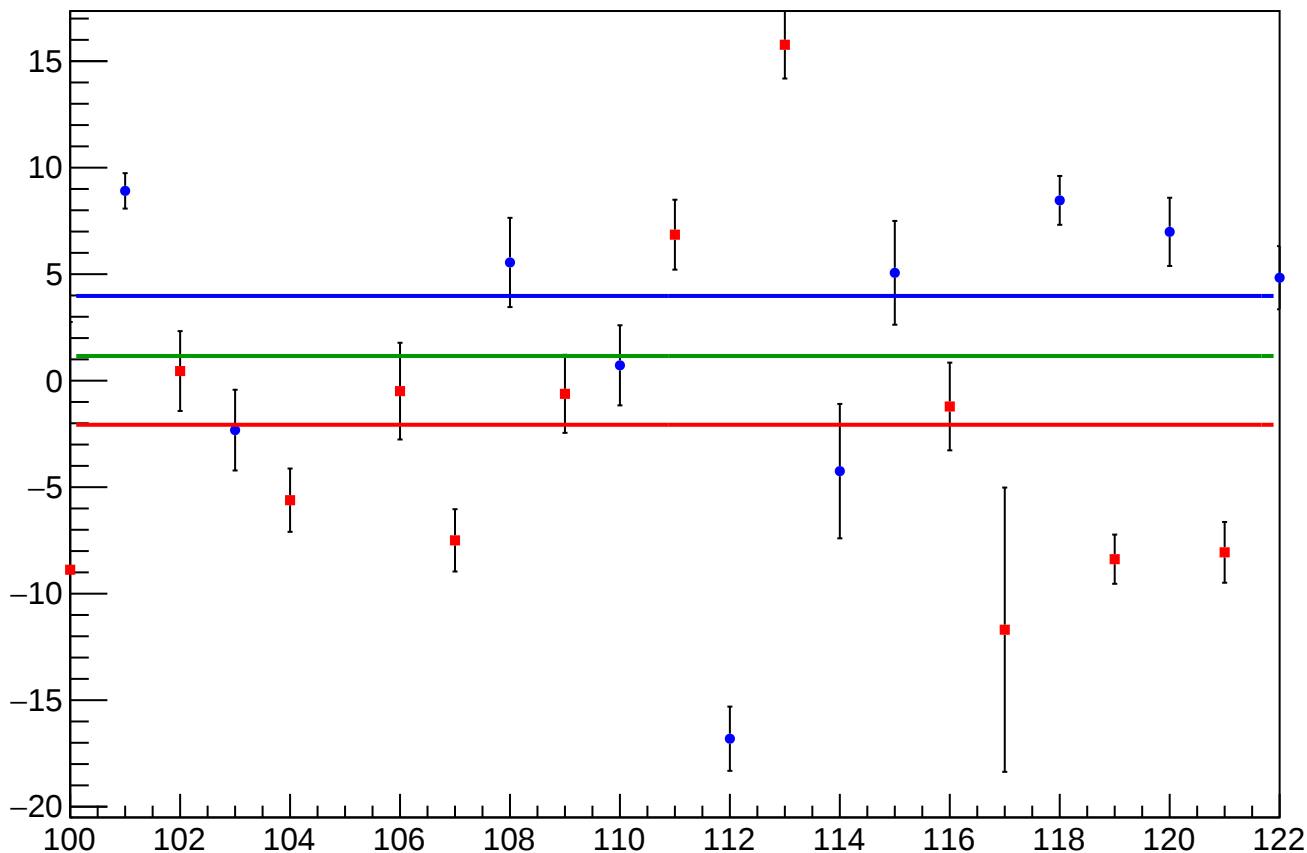
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

69.043+/-0.737 χ^2/NDF : 1897.9/9

-4.465+/-0.524 χ^2/NDF : 23429.2/21

-79.919+/-0.747 χ^2/NDF : 1365.7/11

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.978 ± 0.469 $\chi^2/\text{NDF}: 266.1/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -2.070 ± 0.502 $\chi^2/\text{NDF}: 228.7/11$

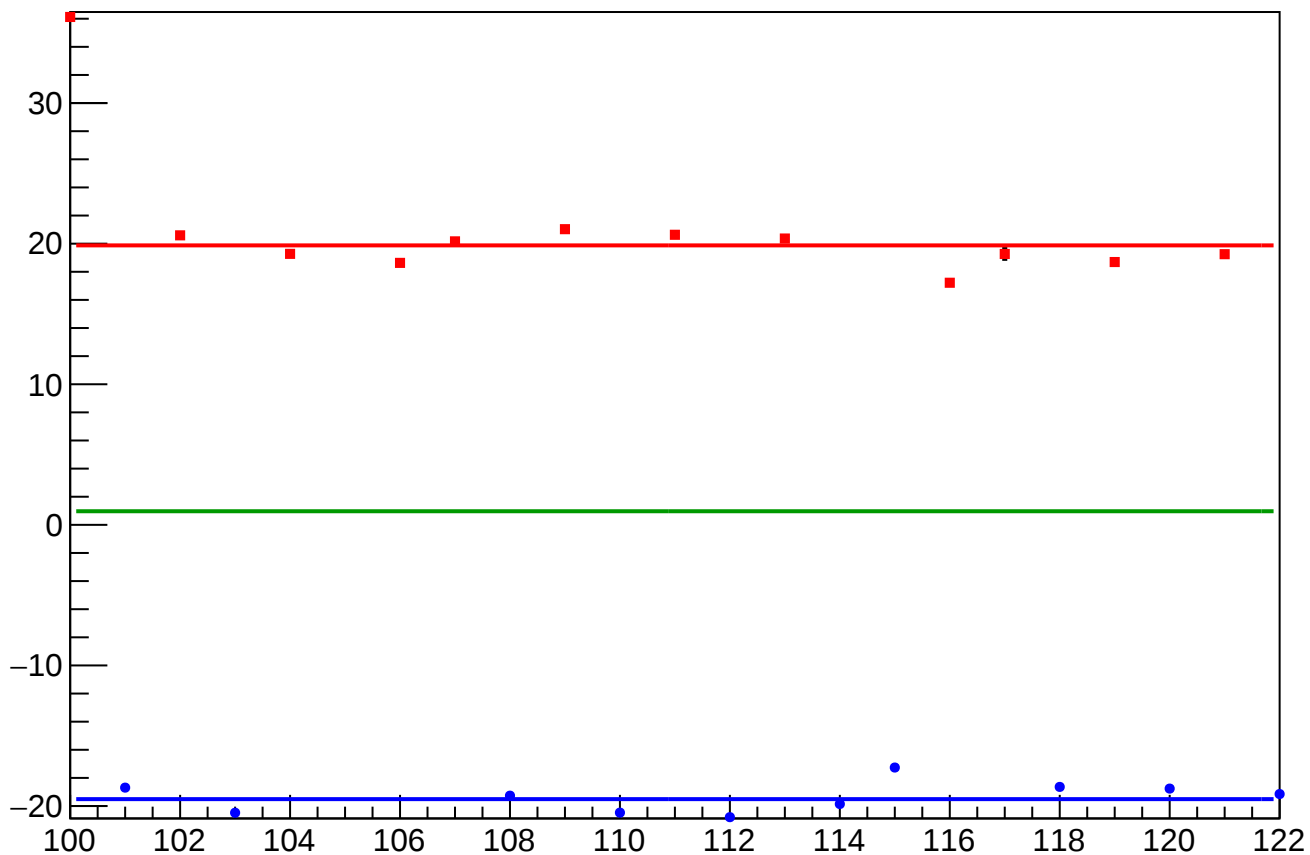
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

3.978 ± 0.469 $\chi^2/\text{NDF}: 266.1/9$

1.158 ± 0.343 $\chi^2/\text{NDF}: 572.4/21$

-2.070 ± 0.502 $\chi^2/\text{NDF}: 228.7/11$

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.509 $\pm$ 0.025 χ^2 /NDF: 1271.1/9

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

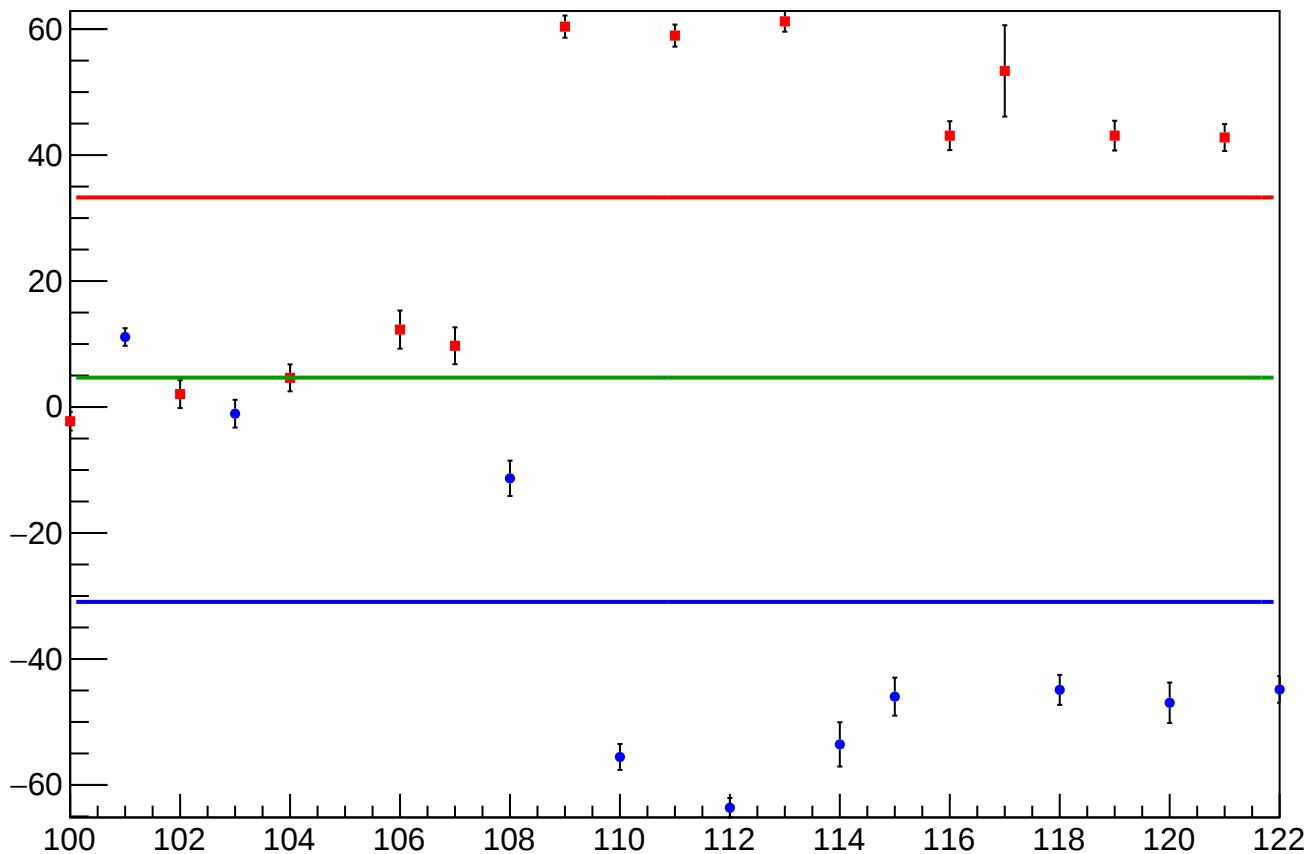
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-19.509 $\pm$ 0.025 χ^2 /NDF: 1271.1/9

0.968 $\pm$ 0.017 χ^2 /NDF: 1287166.0/21

19.878 $\pm$ 0.024 χ^2 /NDF: 3564.7/11

reg_asym_right_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -30.937 ± 0.675 χ^2/NDF : 1901.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 33.277 ± 0.605 χ^2/NDF : 1867.1/11

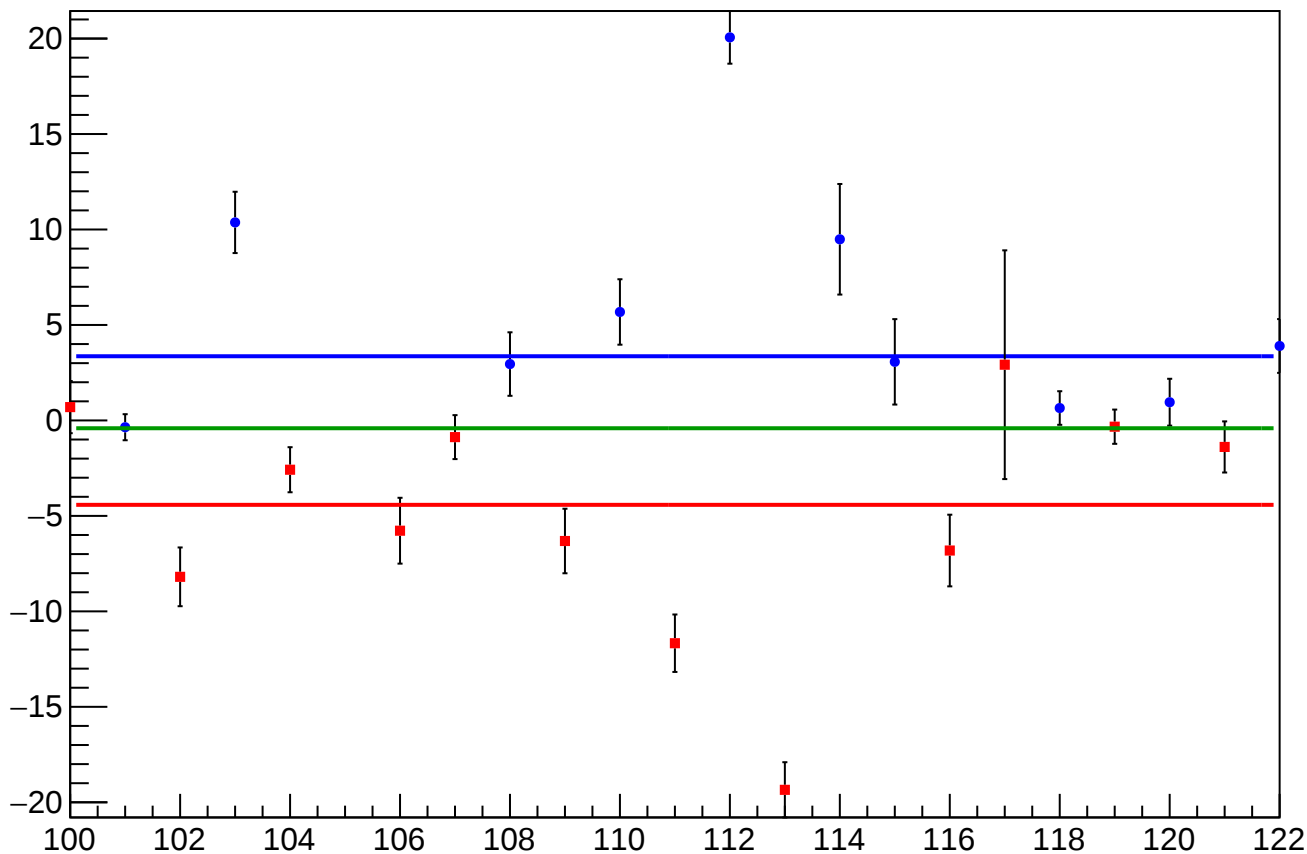
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-30.937 ± 0.675 χ^2/NDF : 1901.4/9

4.668 ± 0.451 χ^2/NDF : 8781.1/21

33.277 ± 0.605 χ^2/NDF : 1867.1/11

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.361+/-0.391 χ^2/NDF : 215.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.421+/-0.403 χ^2/NDF : 192.6/11

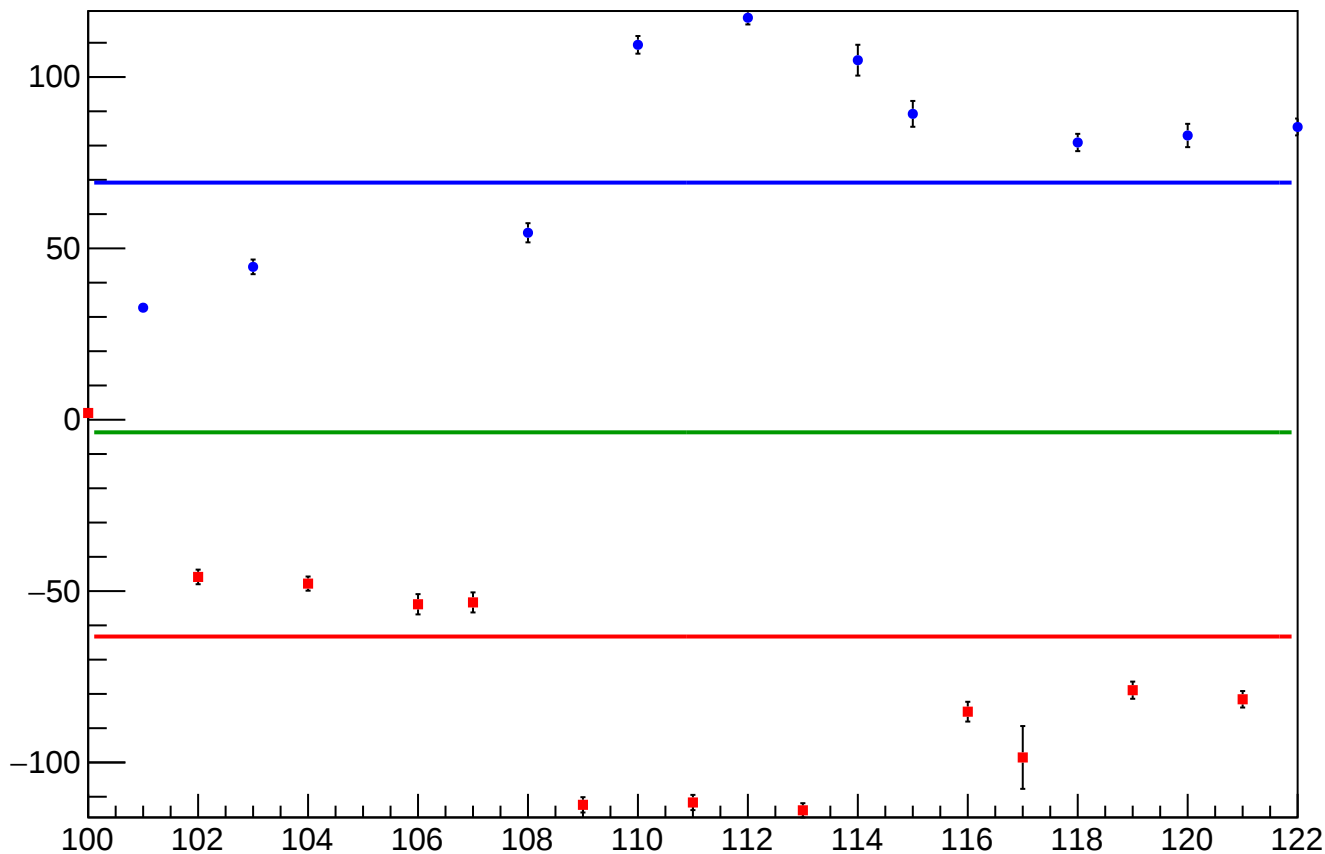
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.361+/-0.391 χ^2/NDF : 215.3/9

-0.409+/-0.281 χ^2/NDF : 599.8/21

-4.421+/-0.403 χ^2/NDF : 192.6/11

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 69.196+/-0.737 χ^2/NDF : 1913.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -63.253+/-0.667 χ^2/NDF : 3849.5/11

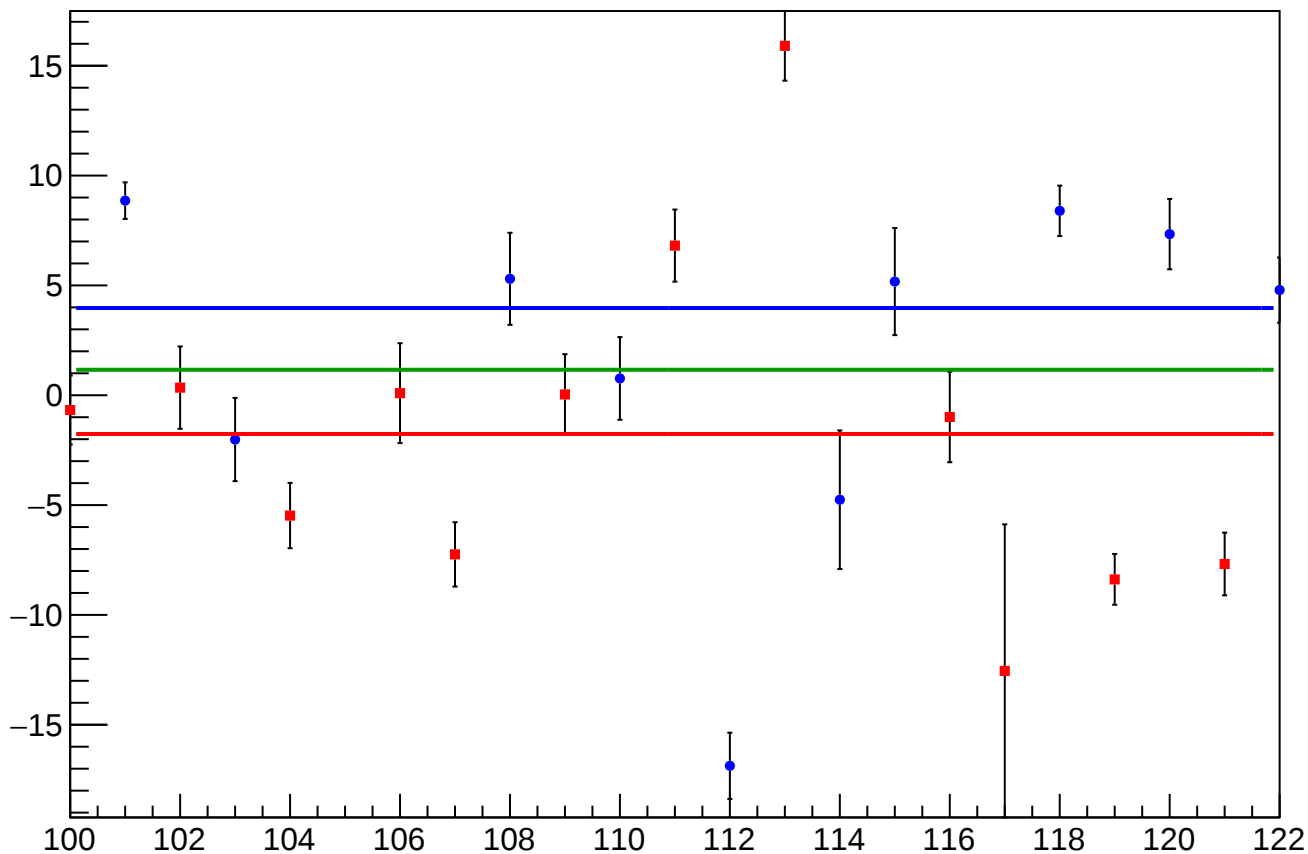
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

69.196+/-0.737 χ^2/NDF : 1913.6/9

-3.671+/-0.495 χ^2/NDF : 23516.8/21

-63.253+/-0.667 χ^2/NDF : 3849.5/11

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.970 $\pm$ 0.469 χ^2 /NDF: 266.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.764 $\pm$ 0.479 χ^2 /NDF: 227.8/11

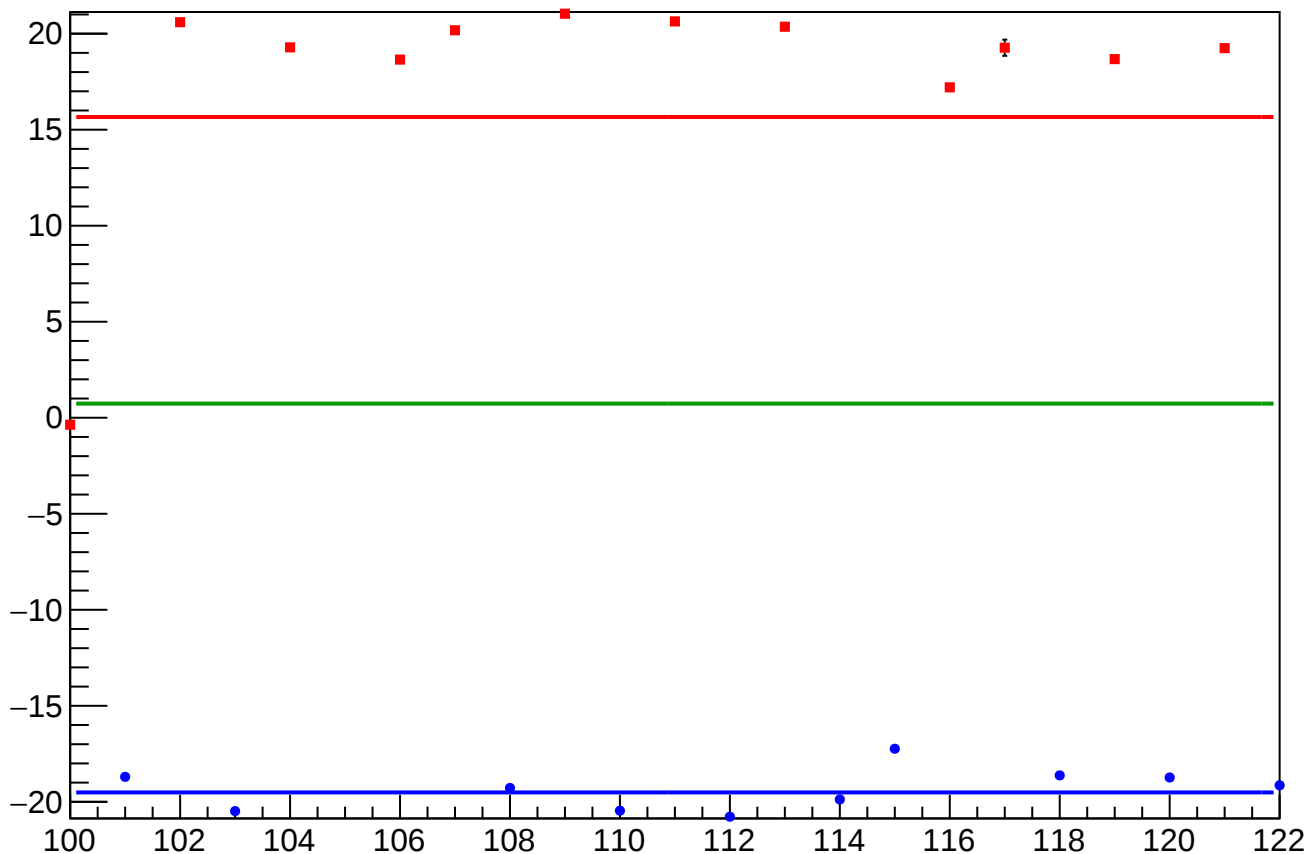
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

3.970 $\pm$ 0.469 χ^2 /NDF: 266.3/9

1.160 $\pm$ 0.335 χ^2 /NDF: 567.3/21

-1.764 $\pm$ 0.479 χ^2 /NDF: 227.8/11

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.511 ± 0.025 $\chi^2/\text{NDF}: 1270.2/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 15.660 ± 0.022 $\chi^2/\text{NDF}: 144617.4/11$

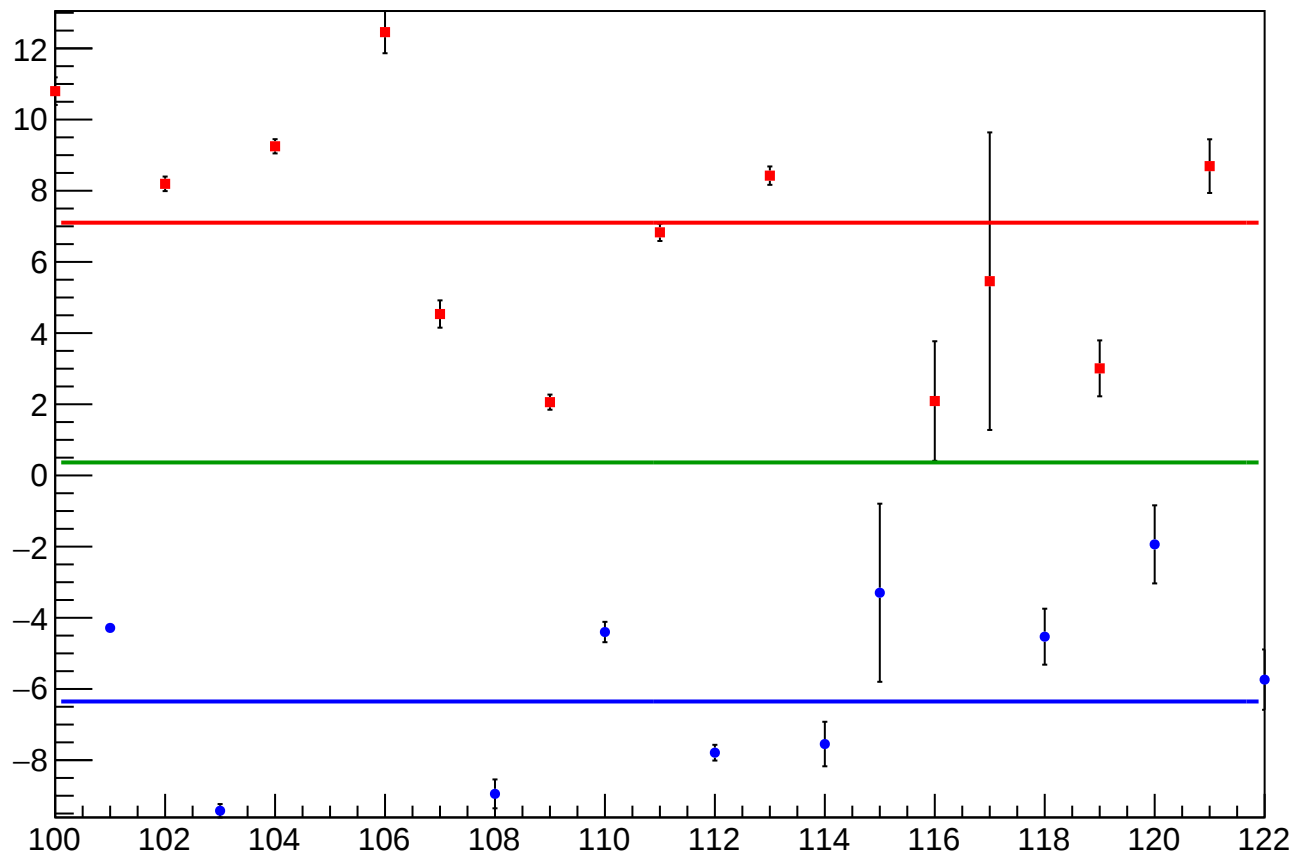
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-19.511 ± 0.025 $\chi^2/\text{NDF}: 1270.2/9$

0.736 ± 0.016 $\chi^2/\text{NDF}: 1276887.5/21$

15.660 ± 0.022 $\chi^2/\text{NDF}: 144617.4/11$

reg_asym_sam_15_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -6.352+/-0.090 χ^2 /NDF: 636.1/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 7.102+/-0.090 χ^2 /NDF: 991.4/11

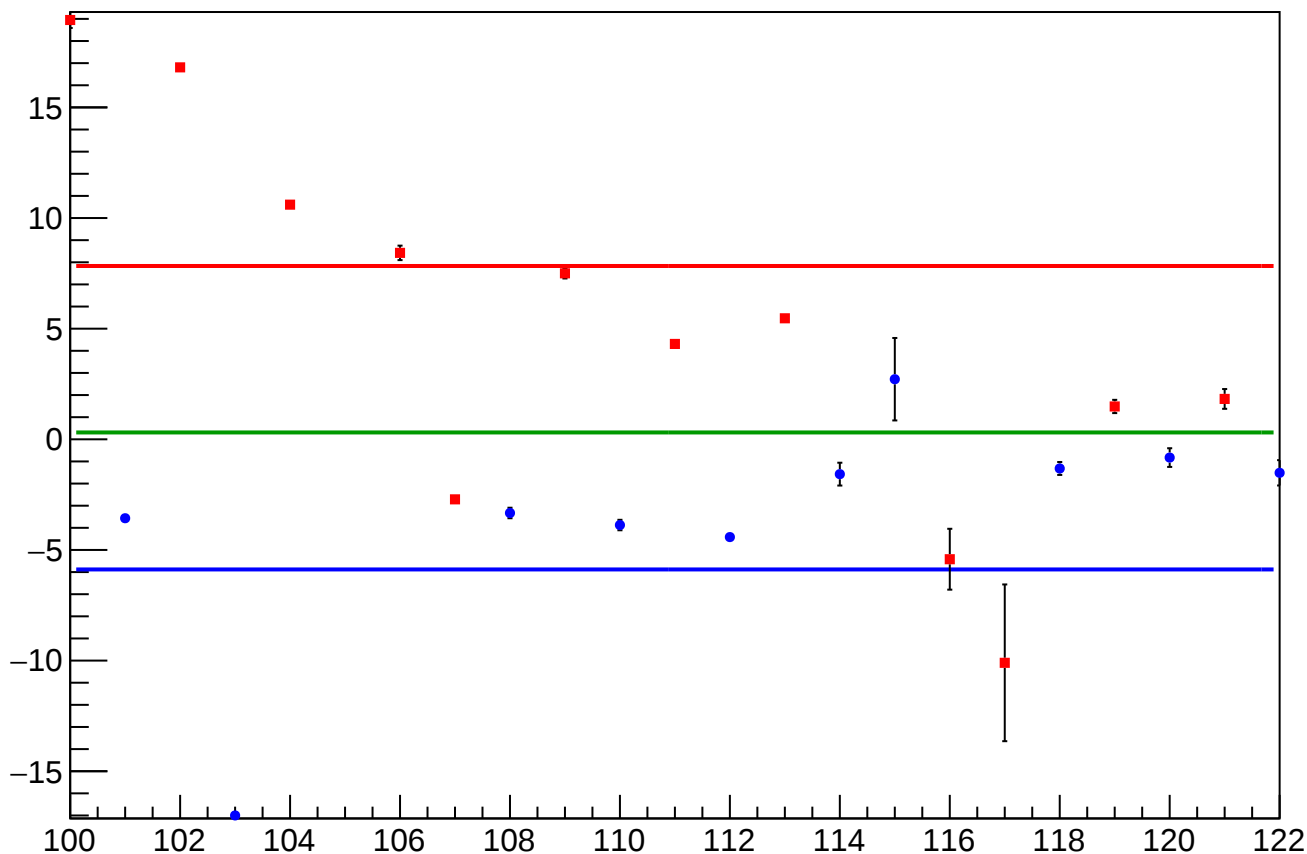
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-6.352+/-0.090 χ^2 /NDF: 636.1/9

0.365+/-0.064 χ^2 /NDF: 12776.2/21

7.102+/-0.090 χ^2 /NDF: 991.4/11

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.881 ± 0.057 χ^2/NDF : 8439.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 7.833 ± 0.063 χ^2/NDF : 11053.1/11

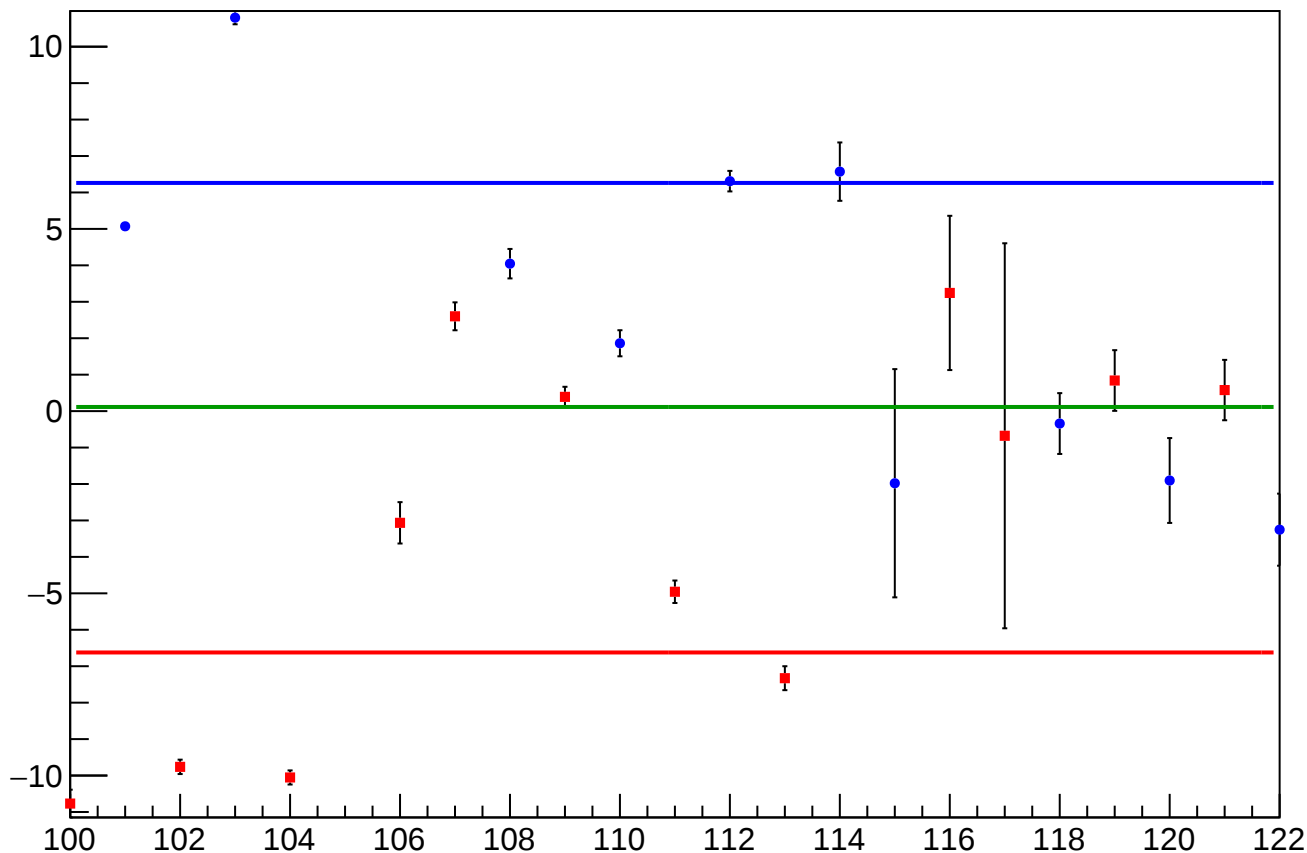
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-5.881 ± 0.057 χ^2/NDF : 8439.9/9

0.310 ± 0.042 χ^2/NDF : 45283.9/21

7.833 ± 0.063 χ^2/NDF : 11053.1/11

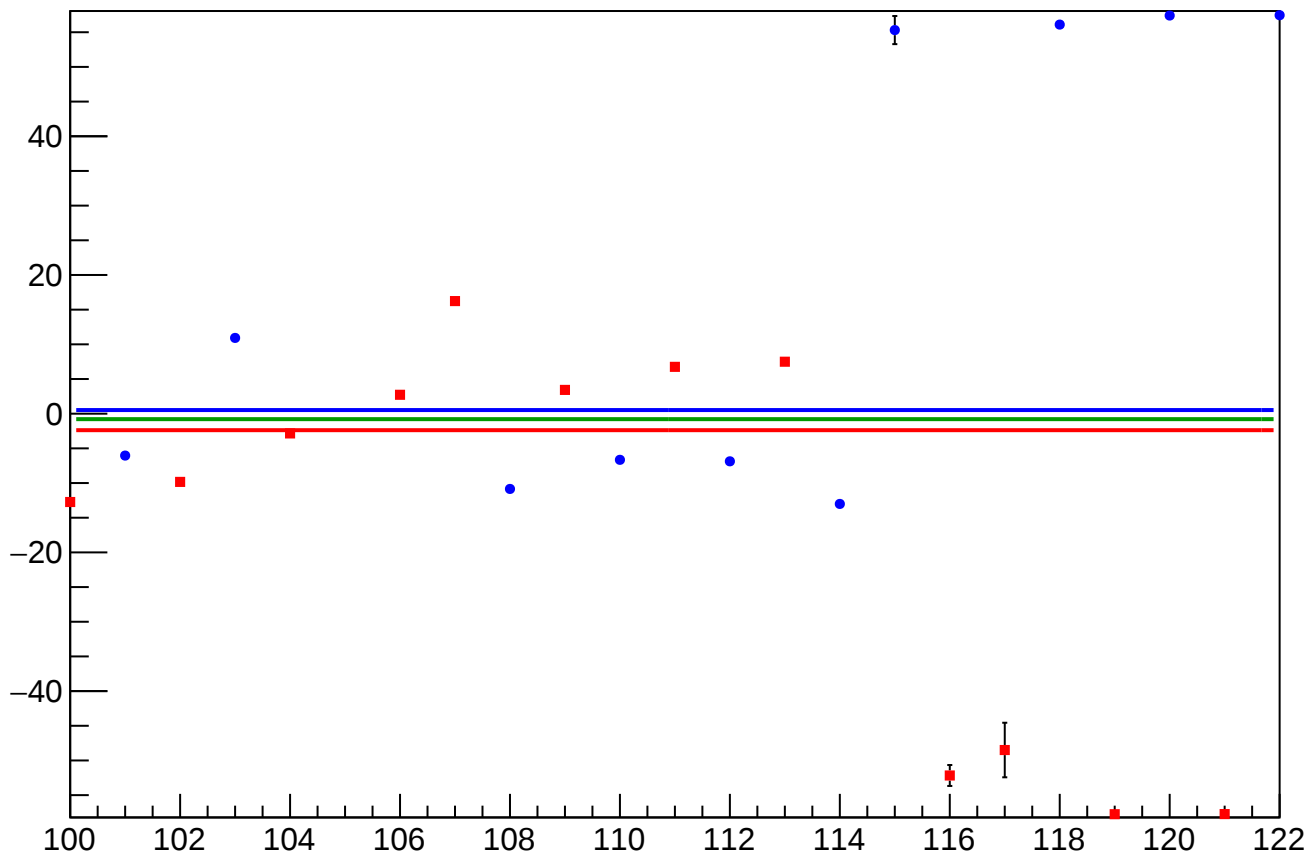
reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.262 $\pm$ 0.093 χ^2 /NDF: 1088.9/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -6.623 $\pm$ 0.098 χ^2 /NDF: 2160.3/11
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6.262 $\pm$ 0.093 χ^2 /NDF: 1088.9/9
 0.114 $\pm$ 0.067 χ^2 /NDF: 12374.7/21
 -6.623 $\pm$ 0.098 χ^2 /NDF: 2160.3/11

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.524+/-0.069 χ^2/NDF : 54755.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.378+/-0.075 χ^2/NDF : 50301.1/11

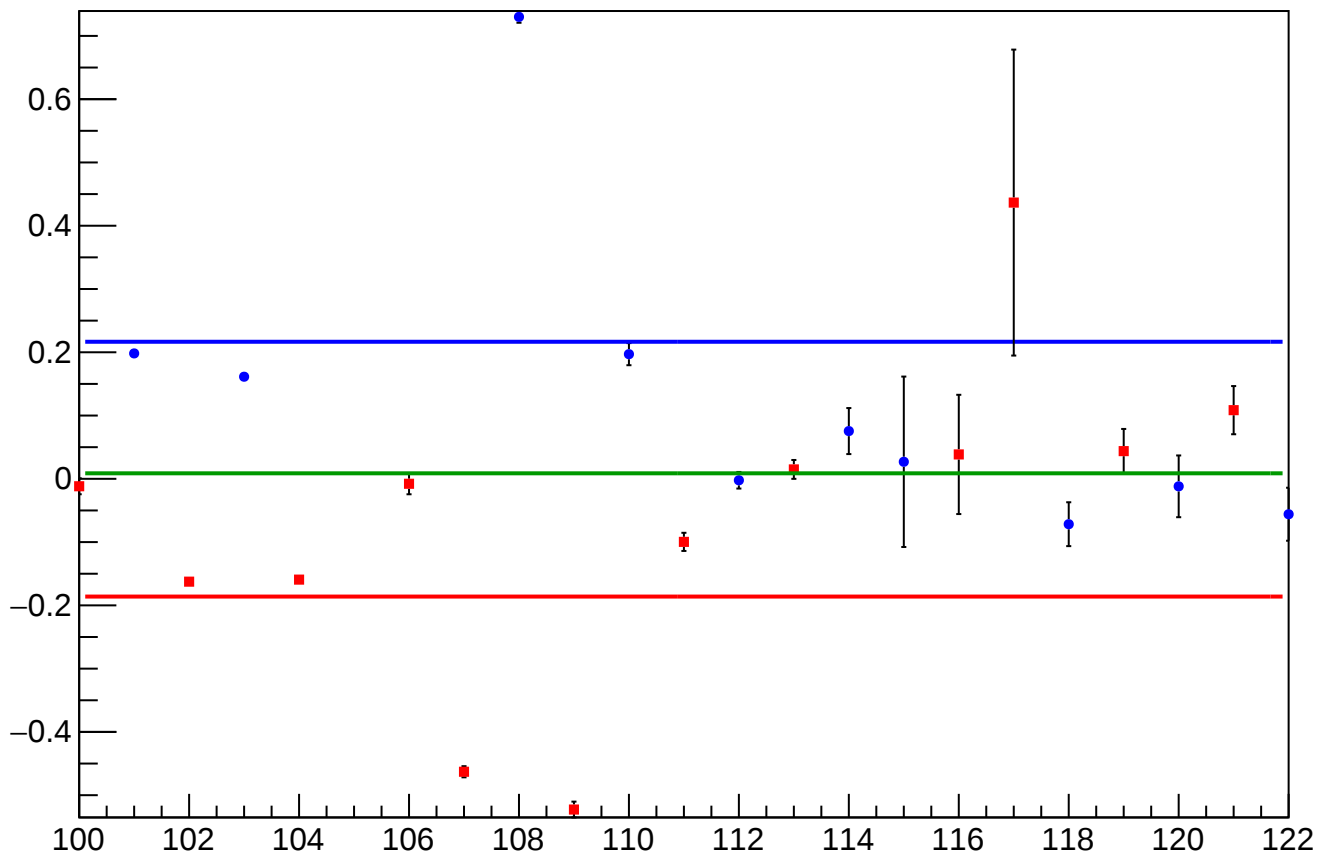
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.524+/-0.069 χ^2/NDF : 54755.2/9

-0.788+/-0.051 χ^2/NDF : 105867.4/21

-2.378+/-0.075 χ^2/NDF : 50301.1/11

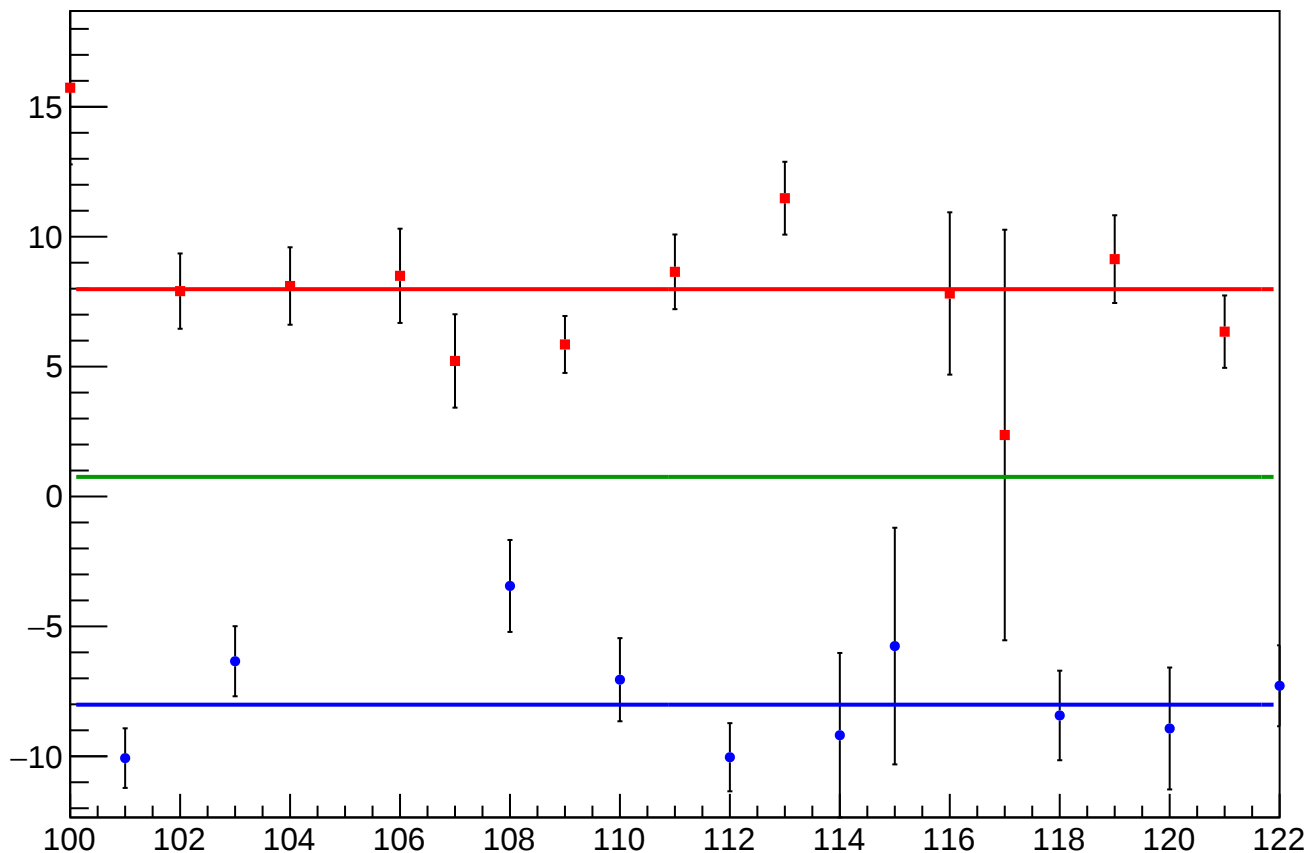
reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.217+/-0.003 χ^2/NDF : 3684.1/9
 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

0.217+/-0.003 χ^2/NDF : 3684.1/9
 0.009+/-0.002 χ^2/NDF : 16228.4/21
 -0.186+/-0.003 χ^2/NDF : 2408.8/11

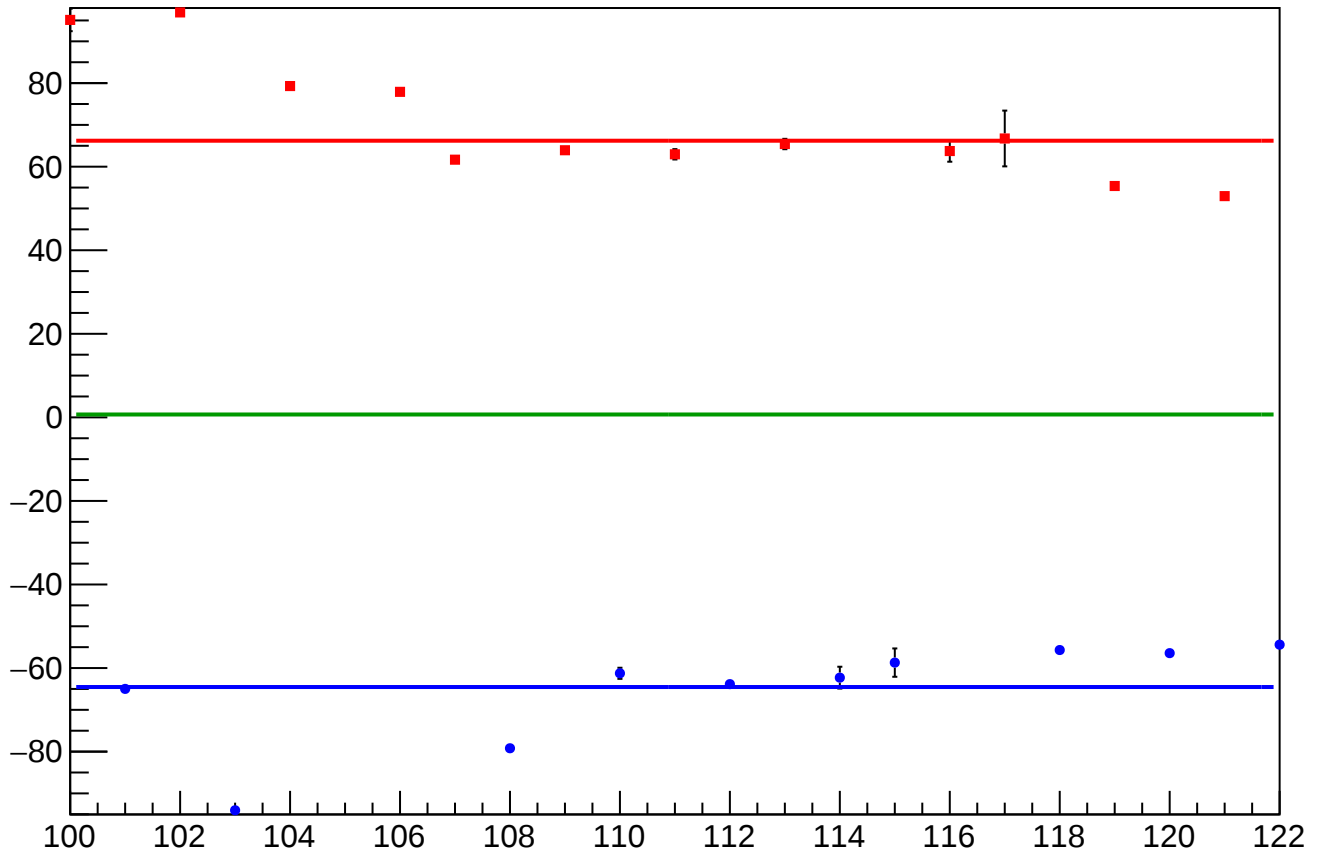
reg_asym_sam_15_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -8.013 ± 0.521 χ^2/NDF : 15.0/9
 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

-8.013 ± 0.521 χ^2/NDF : 15.0/9
 0.755 ± 0.350 χ^2/NDF : 552.7/21
 7.981 ± 0.473 χ^2/NDF : 21.9/11

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -64.540 $\pm$ 0.300 χ^2 /NDF: 1436.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 66.214 $\pm$ 0.301 χ^2 /NDF: 1882.6/11

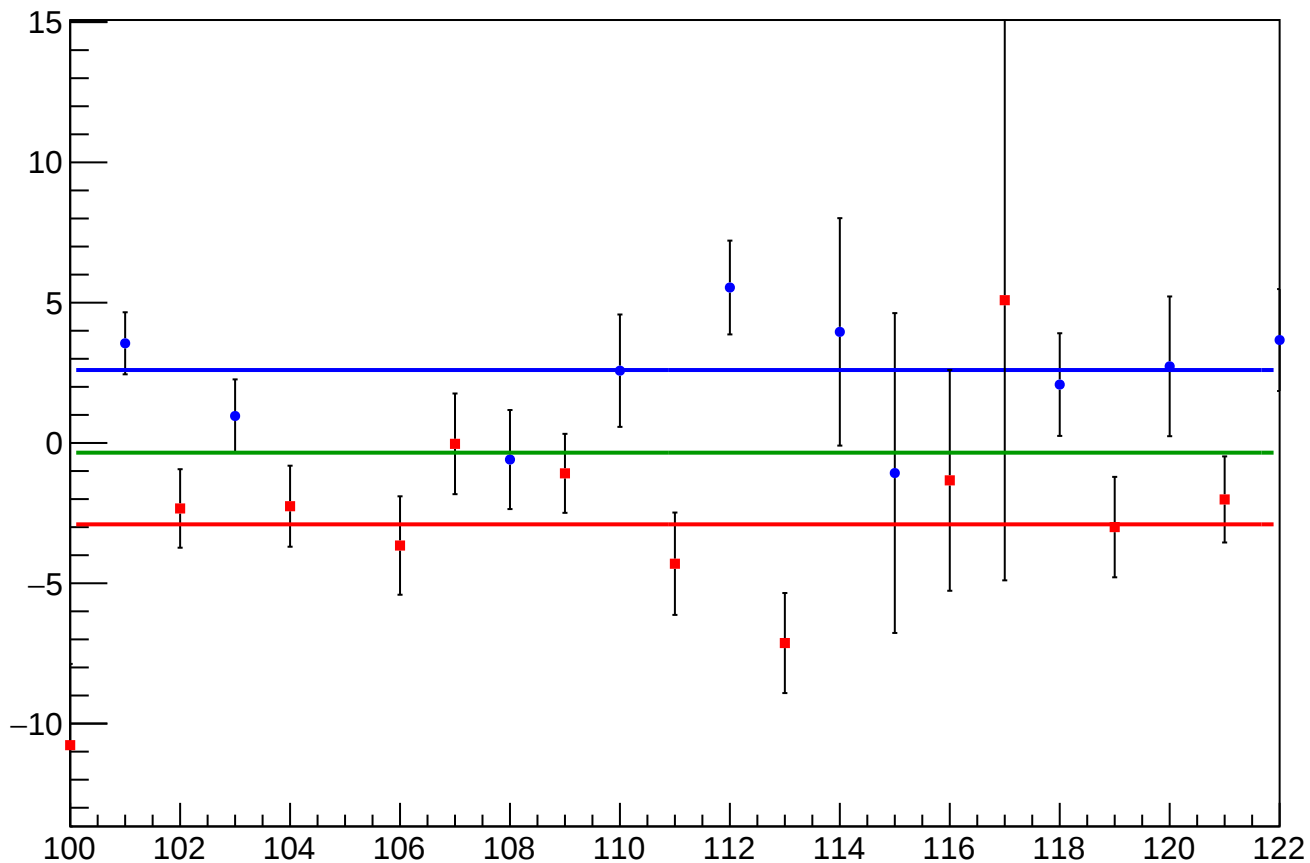
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-64.540 $\pm$ 0.300 χ^2 /NDF: 1436.3/9

0.689 $\pm$ 0.213 χ^2 /NDF: 97832.1/21

66.214 $\pm$ 0.301 χ^2 /NDF: 1882.6/11

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.600 $\pm$ 0.560 χ^2 /NDF: 9.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.900 $\pm$ 0.522 χ^2 /NDF: 19.5/11

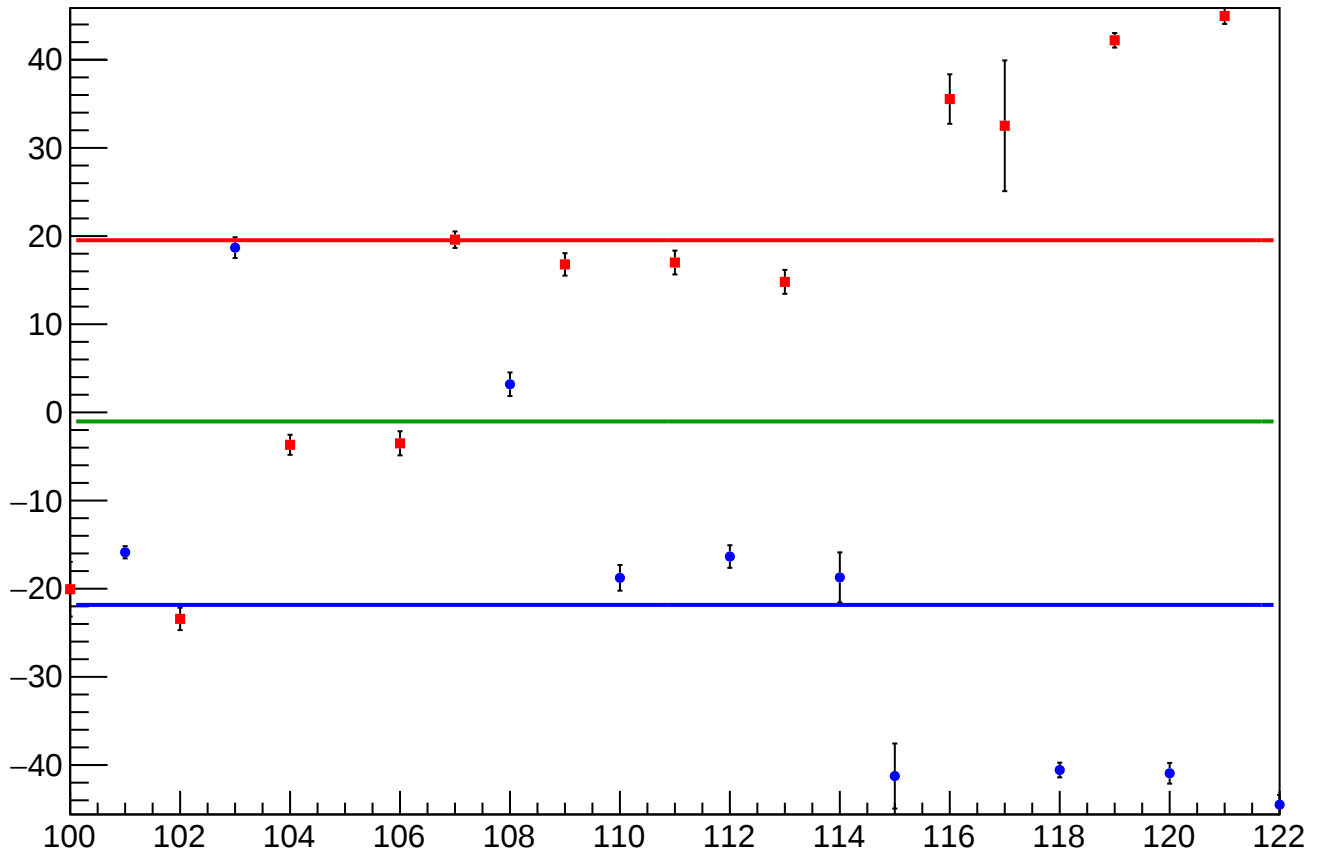
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.600 $\pm$ 0.560 χ^2 /NDF: 9.6/9

-0.346 $\pm$ 0.382 χ^2 /NDF: 80.8/21

-2.900 $\pm$ 0.522 χ^2 /NDF: 19.5/11

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -21.836 $\pm$ 0.362 $\chi^2/\text{NDF}: 2842.1/9$

Left Out: 0.000 $\pm$ 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 19.527 $\pm$ 0.360 $\chi^2/\text{NDF}: 3608.3/11$

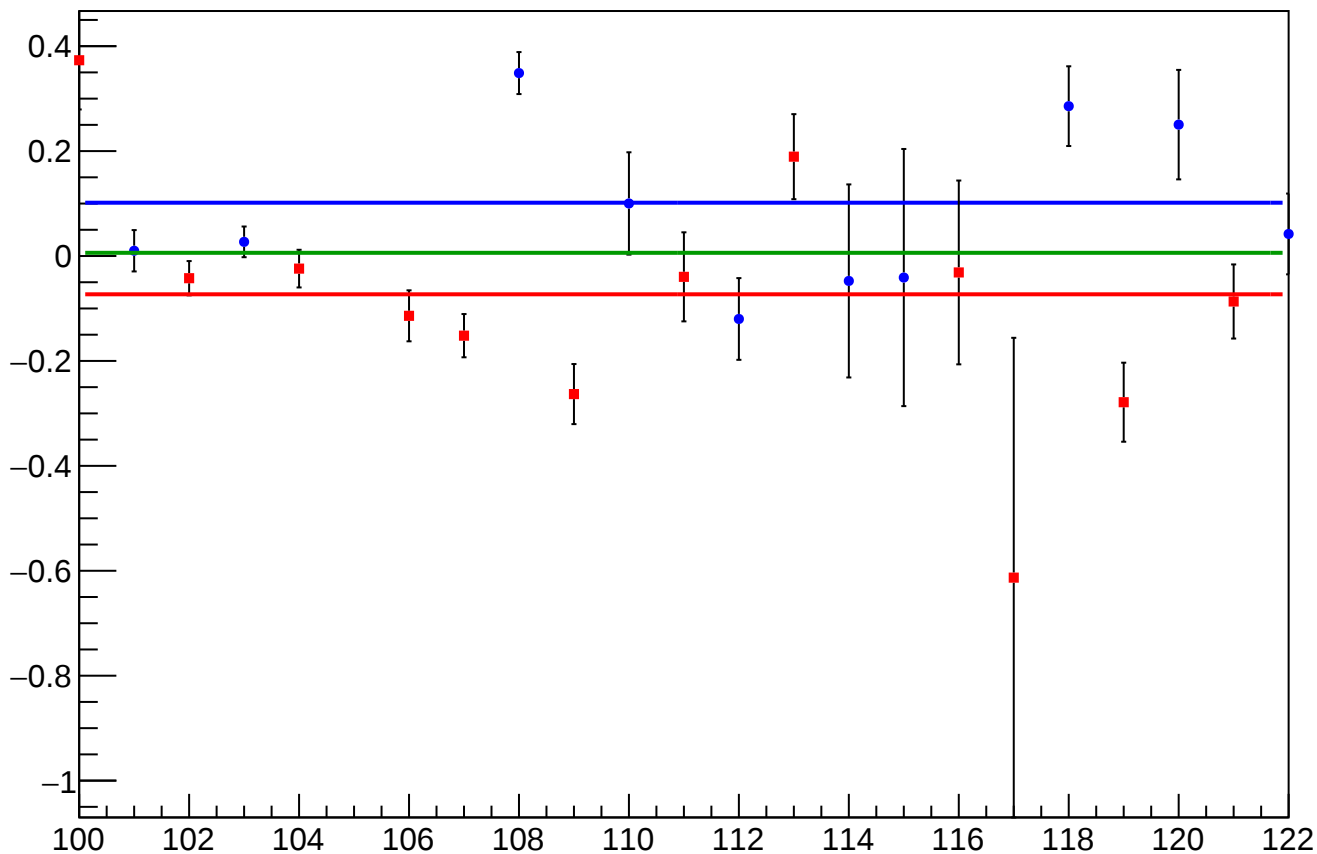
Left In: 0.000 $\pm$ 0.000 $\chi^2/\text{NDF}: 0.0/0$

-21.836 $\pm$ 0.362 $\chi^2/\text{NDF}: 2842.1/9$

-1.028 $\pm$ 0.255 $\chi^2/\text{NDF}: 13011.3/21$

19.527 $\pm$ 0.360 $\chi^2/\text{NDF}: 3608.3/11$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.102 $\pm$ 0.018 χ^2 /NDF: 67.6/9

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

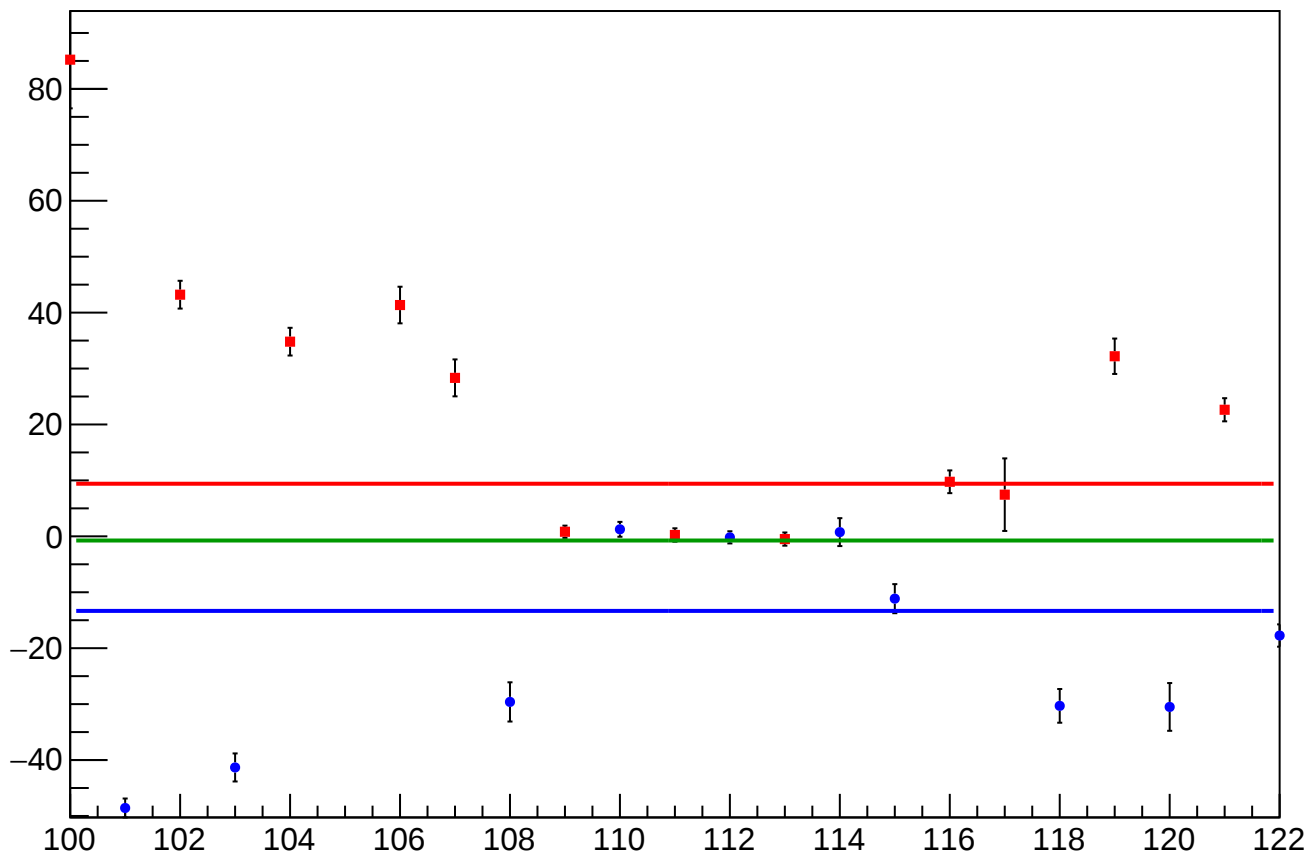
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.102 $\pm$ 0.018 χ^2 /NDF: 67.6/9

0.006 $\pm$ 0.012 χ^2 /NDF: 181.1/21

-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: -13.334+/-0.606 χ^2/NDF : 931.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.404+/-0.544 χ^2/NDF : 777.9/11

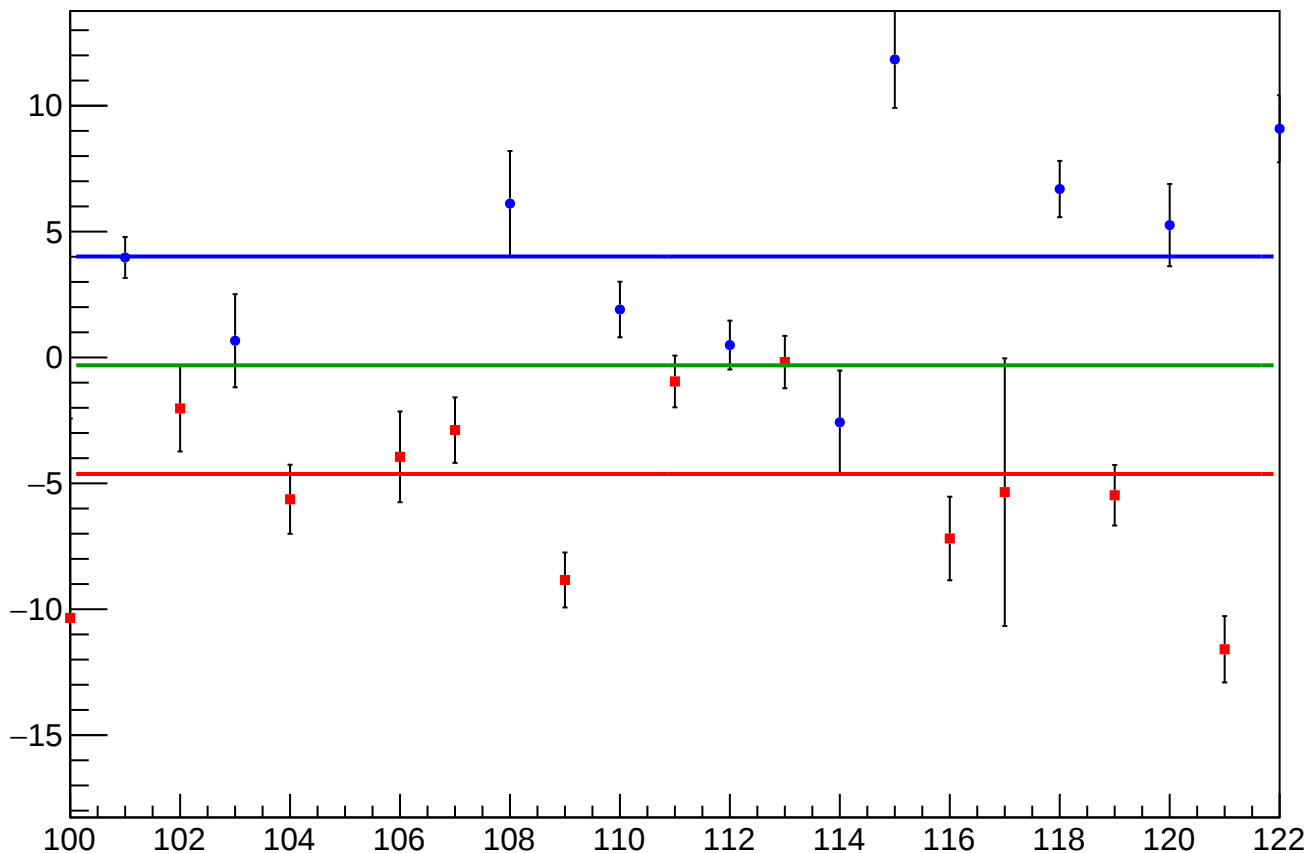
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-13.334+/-0.606 χ^2/NDF : 931.6/9

-0.748+/-0.405 χ^2/NDF : 2489.8/21

9.404+/-0.544 χ^2/NDF : 777.9/11

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.011 $\pm$ 0.403 χ^2 /NDF: 68.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4.628 $\pm$ 0.403 χ^2 /NDF: 82.1/11

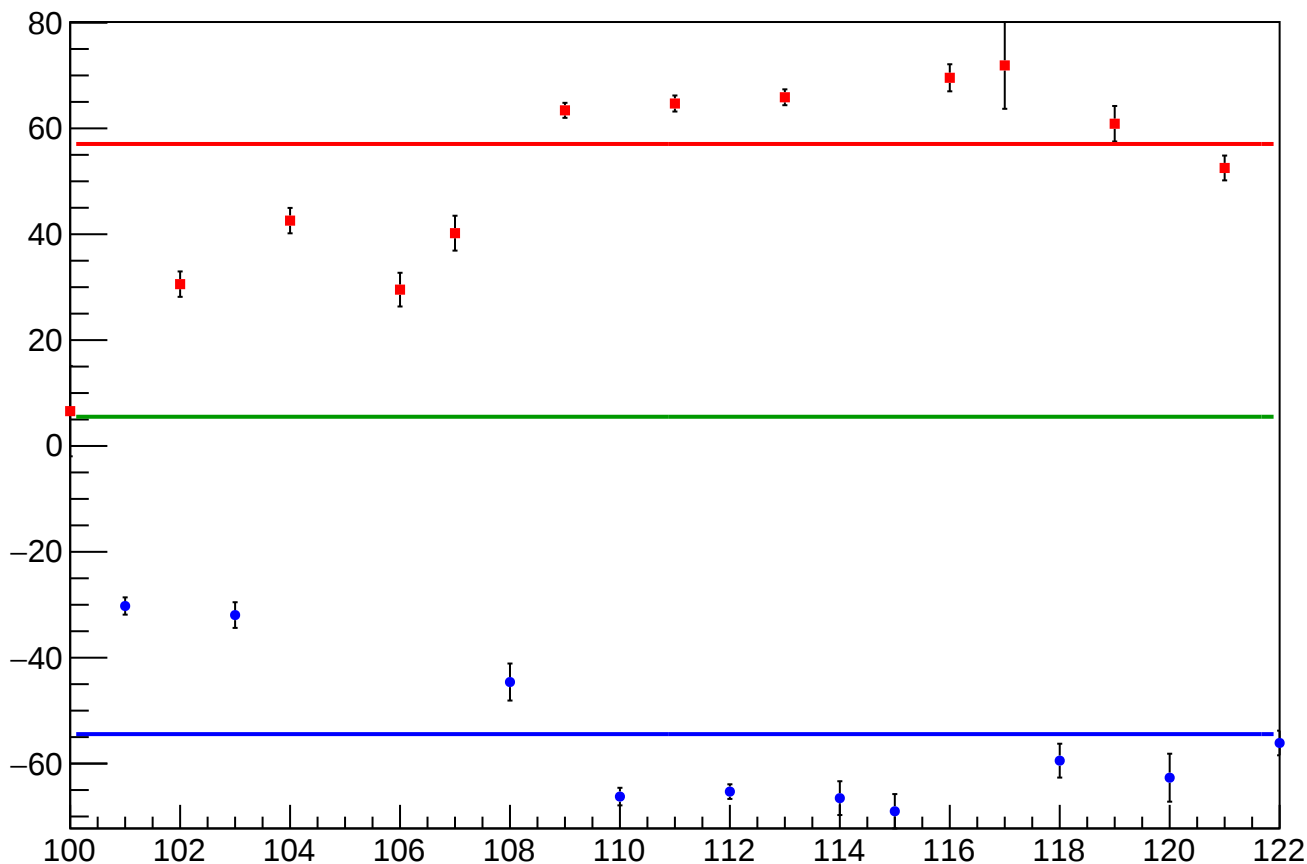
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

4.011 $\pm$ 0.403 χ^2 /NDF: 68.7/9

-0.312 $\pm$ 0.285 χ^2 /NDF: 380.8/21

-4.628 $\pm$ 0.403 χ^2 /NDF: 82.1/11

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.437 $\pm$ 0.701 χ^2 /NDF: 467.0/9

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

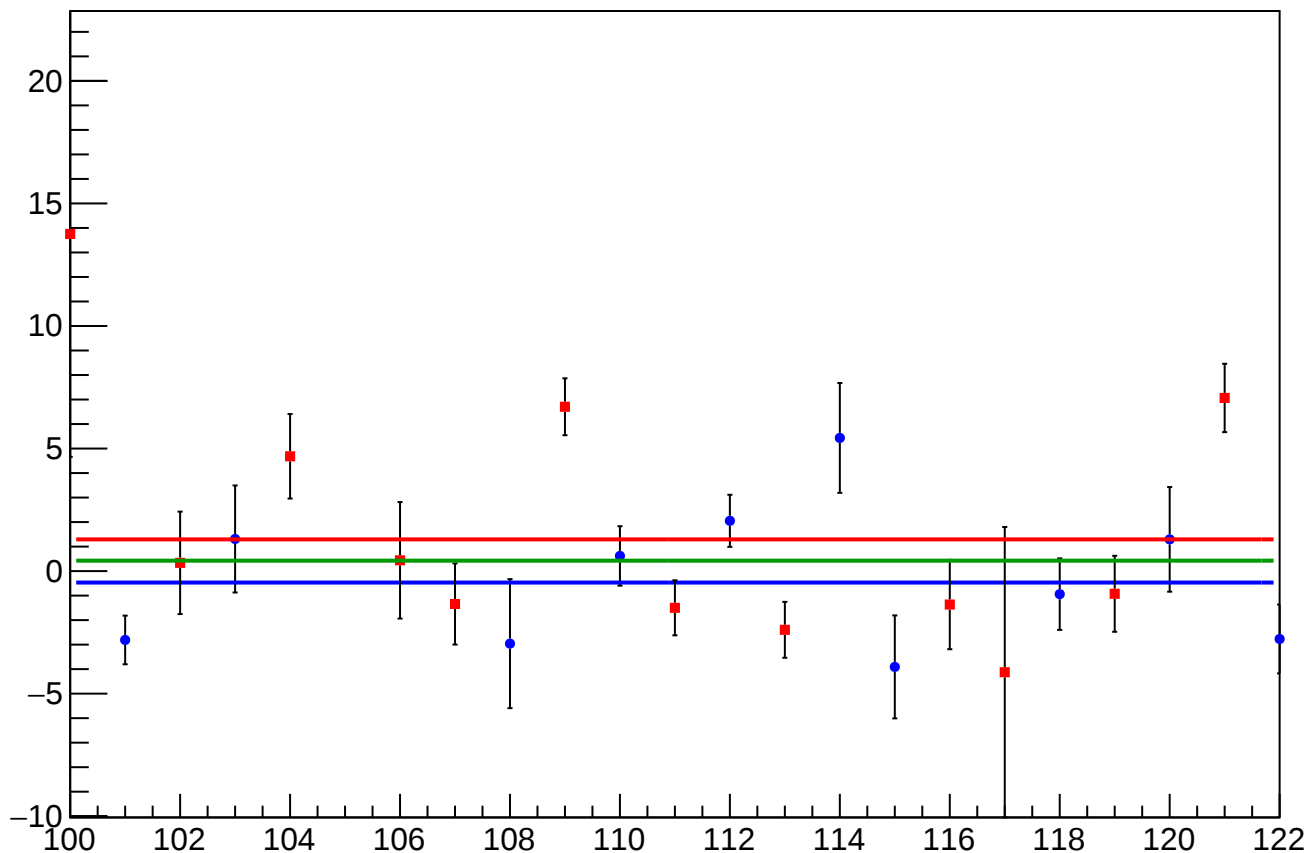
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-54.437 $\pm$ 0.701 χ^2 /NDF: 467.0/9

5.521 $\pm$ 0.476 χ^2 /NDF: 14490.2/21

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: -0.468+/-0.468 χ^2/NDF : 26.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.294+/-0.462 χ^2/NDF : 69.1/11

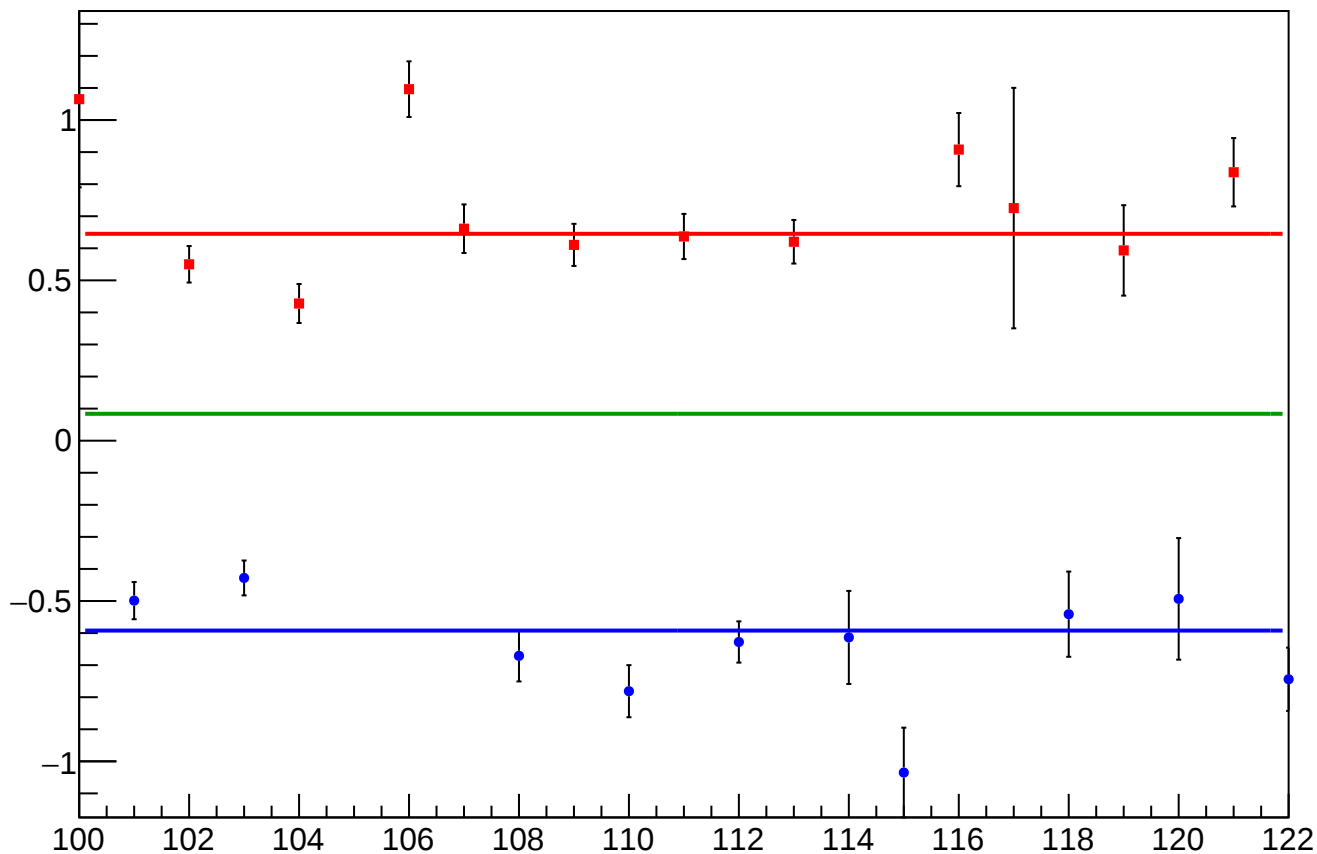
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.468+/-0.468 χ^2/NDF : 26.6/9

0.425+/-0.329 χ^2/NDF : 102.9/21

1.294+/-0.462 χ^2/NDF : 69.1/11

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.592 ± 0.026 χ^2/NDF : 31.2/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.645 ± 0.024 χ^2/NDF : 54.1/11

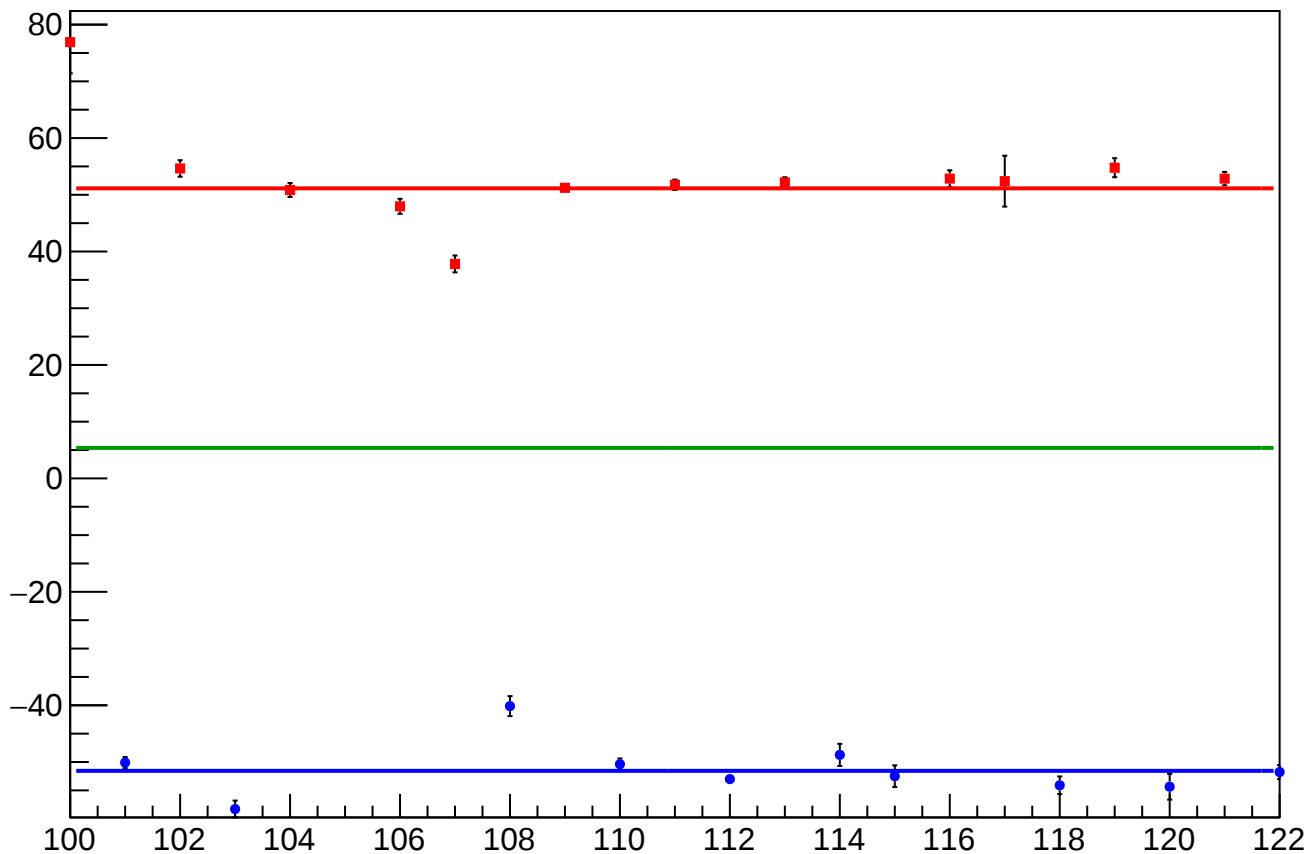
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.592 ± 0.026 χ^2/NDF : 31.2/9

0.084 ± 0.018 χ^2/NDF : 1316.0/21

0.645 ± 0.024 χ^2/NDF : 54.1/11

reg_asym_sam_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -51.559 $\pm$ 0.409 χ^2 /NDF: 75.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 51.133 $\pm$ 0.366 χ^2 /NDF: 123.8/11

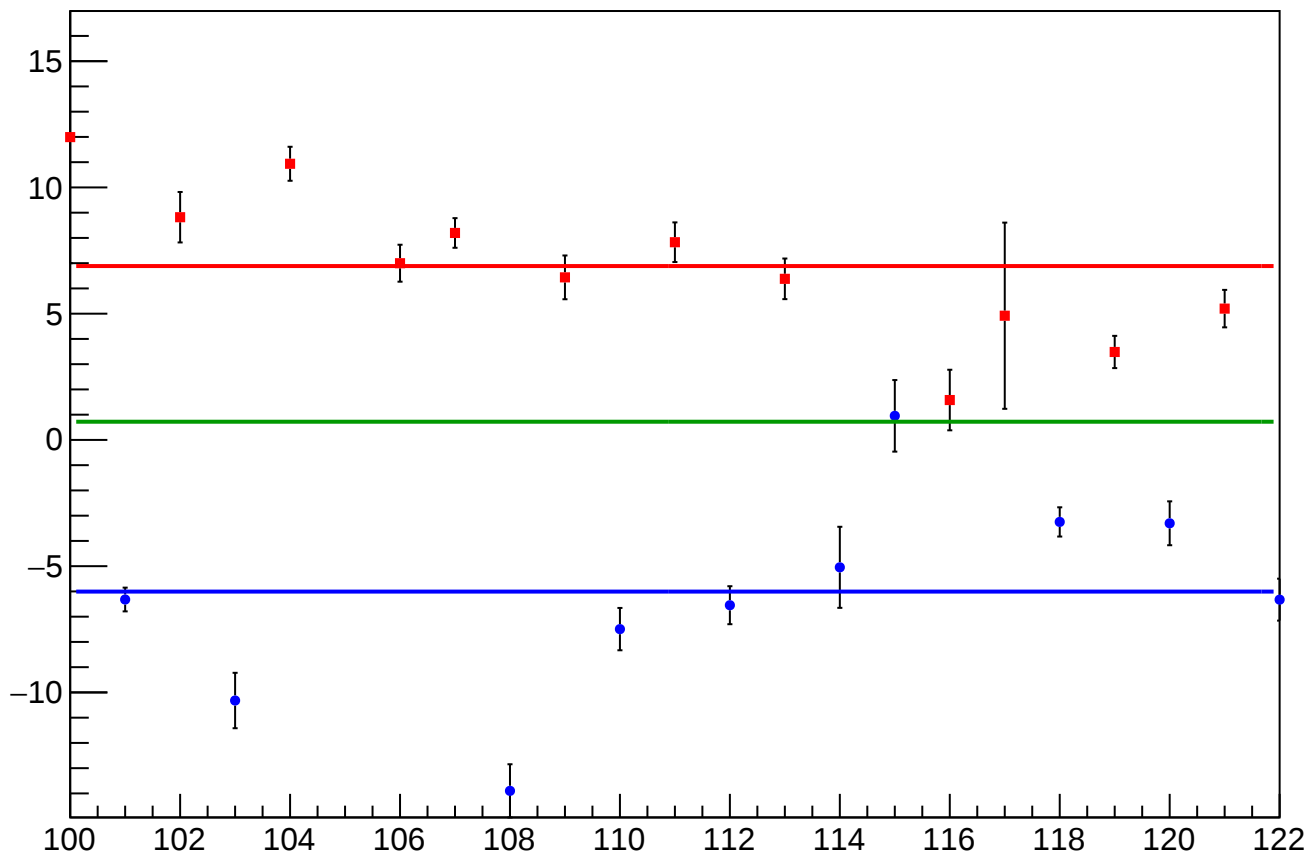
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-51.559 $\pm$ 0.409 χ^2 /NDF: 75.5/9

5.378 $\pm$ 0.273 χ^2 /NDF: 35235.5/21

51.133 $\pm$ 0.366 χ^2 /NDF: 123.8/11

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.006 $\pm$ 0.249 χ^2/NDF : 132.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 6.886 $\pm$ 0.239 χ^2/NDF : 101.5/11

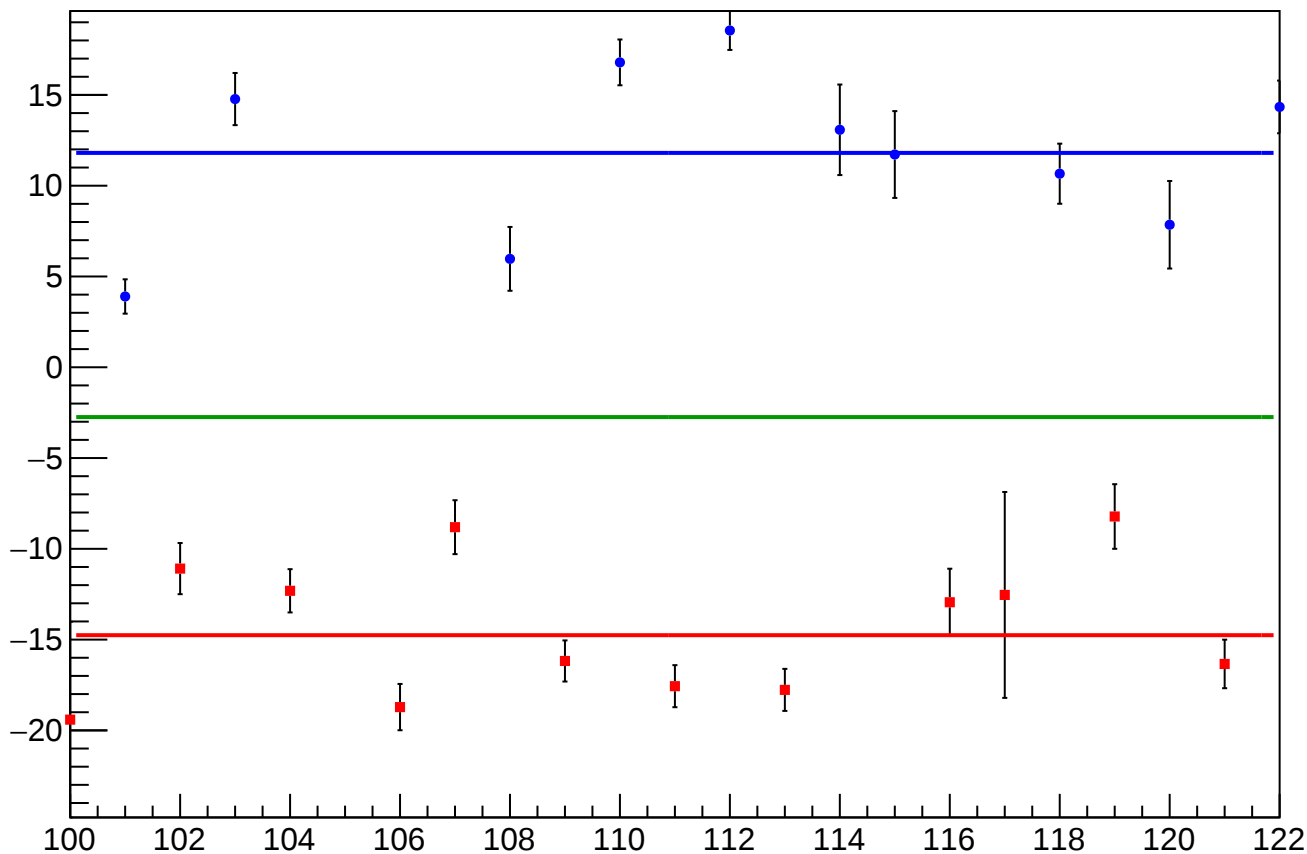
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-6.006 $\pm$ 0.249 χ^2/NDF : 132.7/9

0.721 $\pm$ 0.172 χ^2/NDF : 1629.7/21

6.886 $\pm$ 0.239 χ^2/NDF : 101.5/11

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.807+/-0.458 χ^2 /NDF: 147.0/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -14.757+/-0.416 χ^2 /NDF: 67.7/11

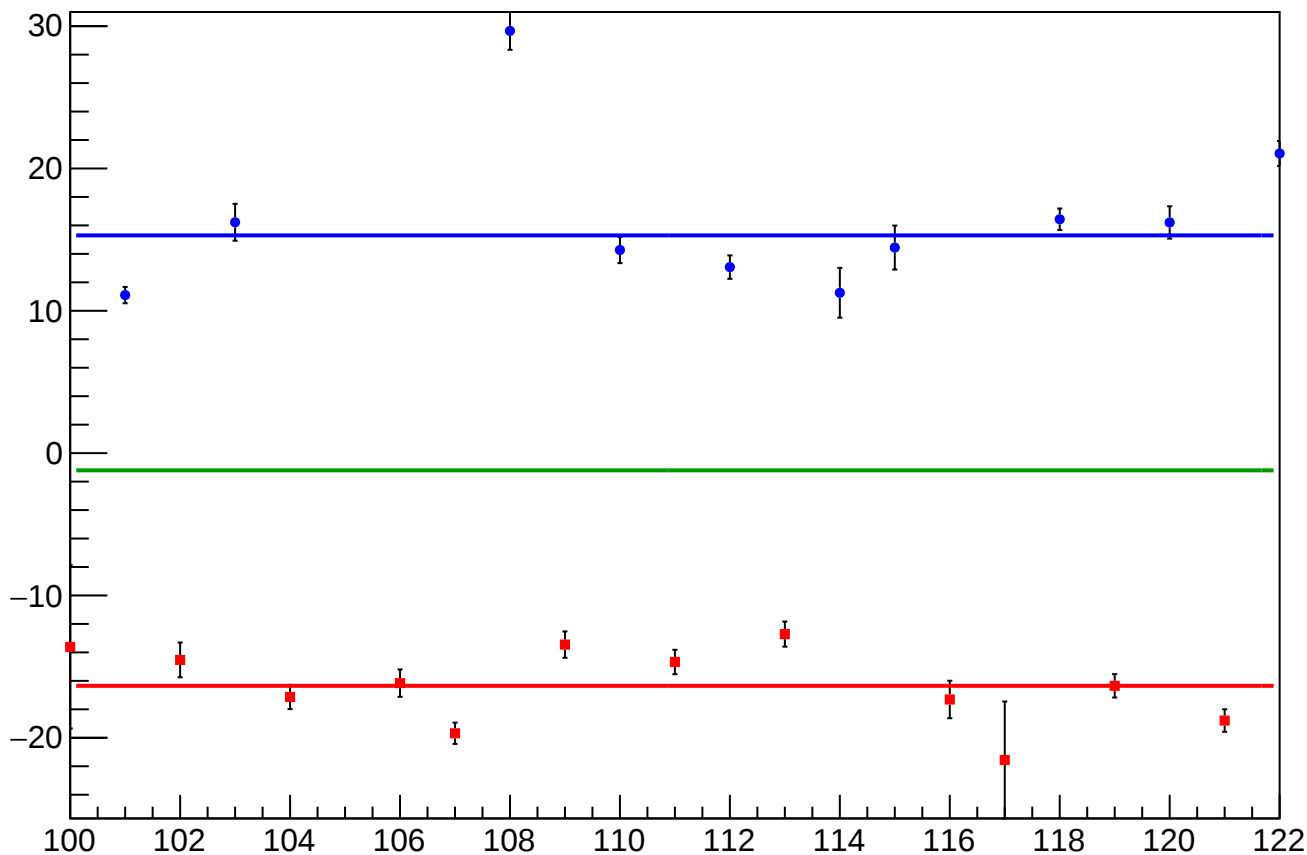
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

11.807+/-0.458 χ^2 /NDF: 147.0/9

-2.744+/-0.308 χ^2 /NDF: 2060.2/21

-14.757+/-0.416 χ^2 /NDF: 67.7/11

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.300+/-0.296 χ^2 /NDF: 231.4/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -16.347+/-0.283 χ^2 /NDF: 65.4/11

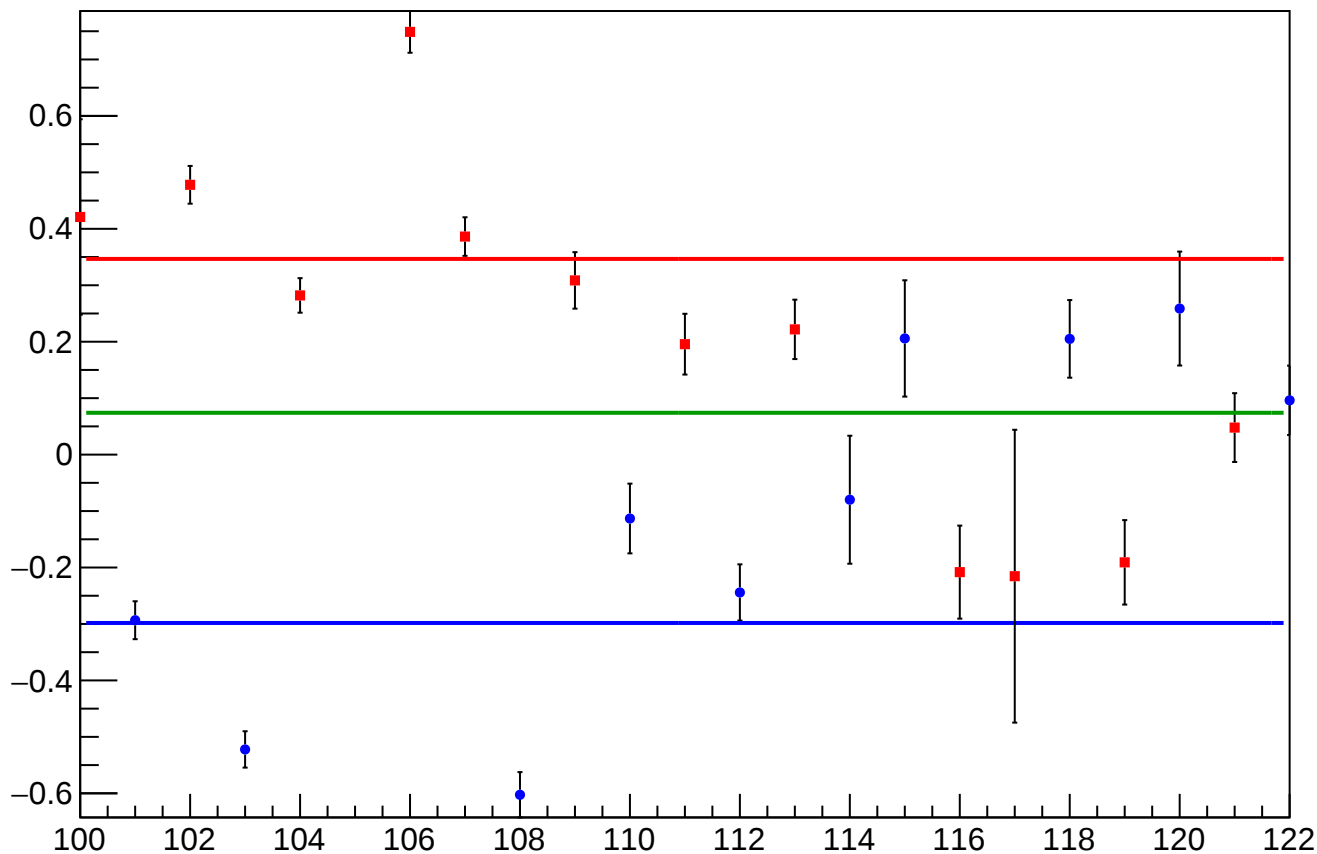
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

15.300+/-0.296 χ^2 /NDF: 231.4/9

-1.209+/-0.205 χ^2 /NDF: 6269.3/21

-16.347+/-0.283 χ^2 /NDF: 65.4/11

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.298 $\pm$ 0.016 χ^2 /NDF: 268.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.347 $\pm$ 0.014 χ^2 /NDF: 279.6/11

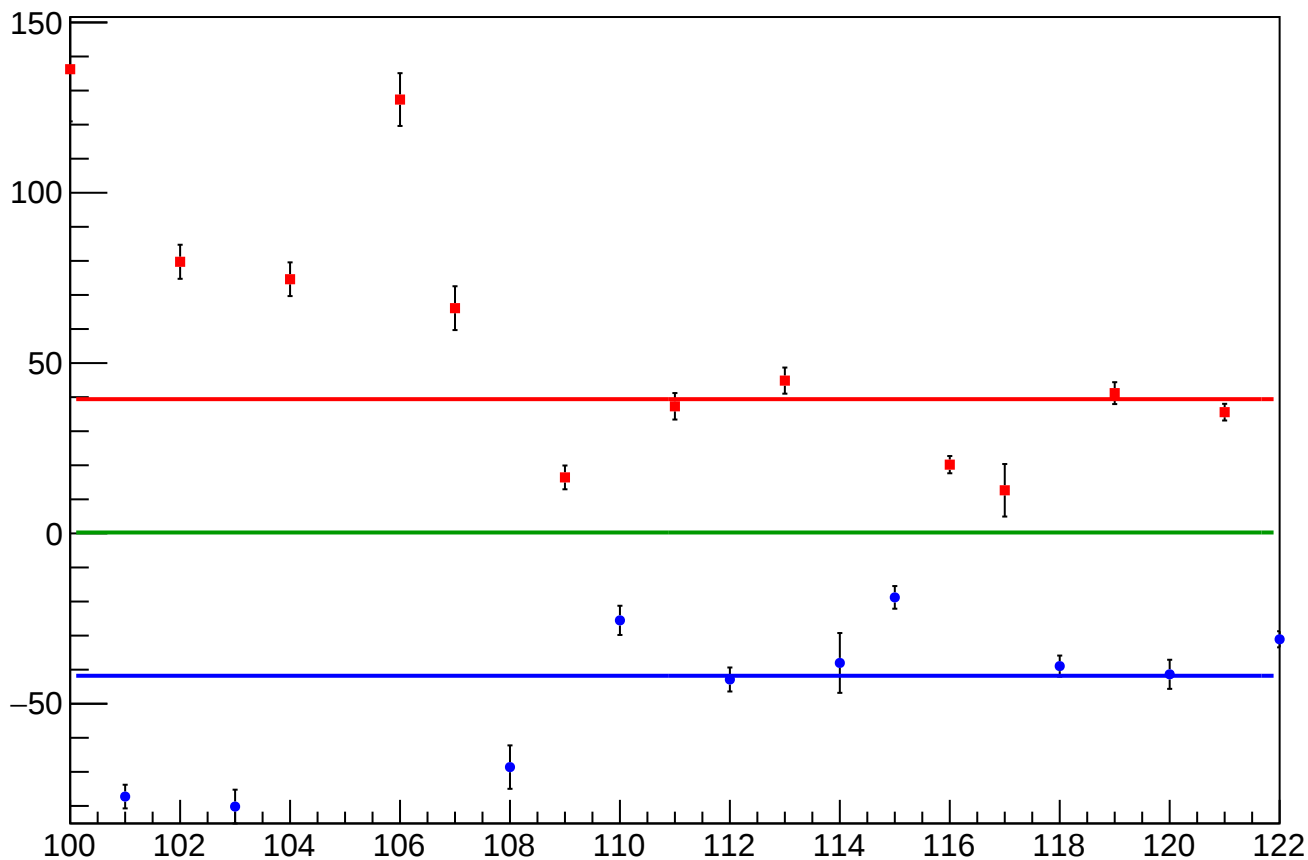
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.298 $\pm$ 0.016 χ^2 /NDF: 268.9/9

0.074 $\pm$ 0.010 χ^2 /NDF: 1480.3/21

0.347 $\pm$ 0.014 χ^2 /NDF: 279.6/11

reg_asym_sam_26_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -41.790 ± 1.174 χ^2/NDF : 265.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 39.410 ± 1.133 χ^2/NDF : 419.8/11

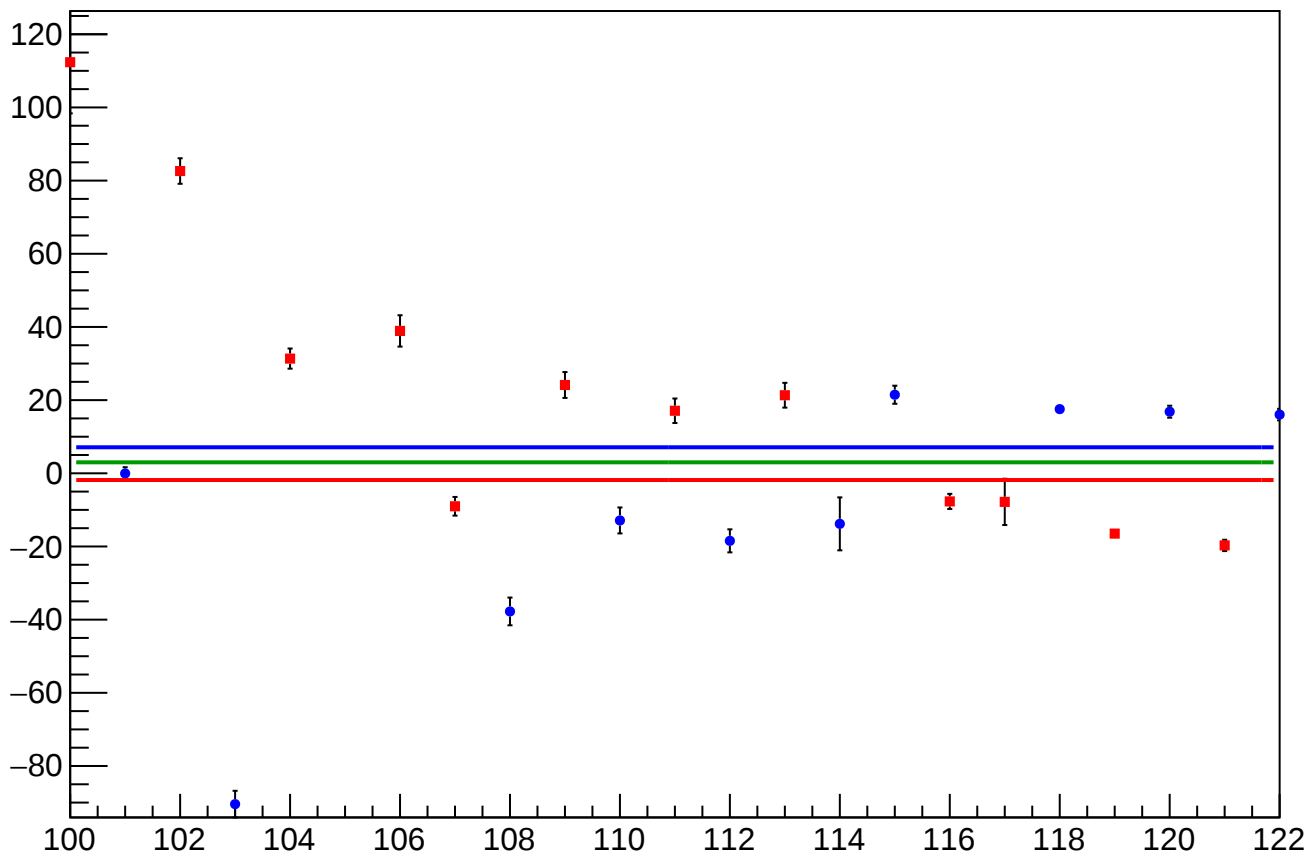
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-41.790 ± 1.174 χ^2/NDF : 265.8/9

0.270 ± 0.815 χ^2/NDF : 3161.6/21

39.410 ± 1.133 χ^2/NDF : 419.8/11

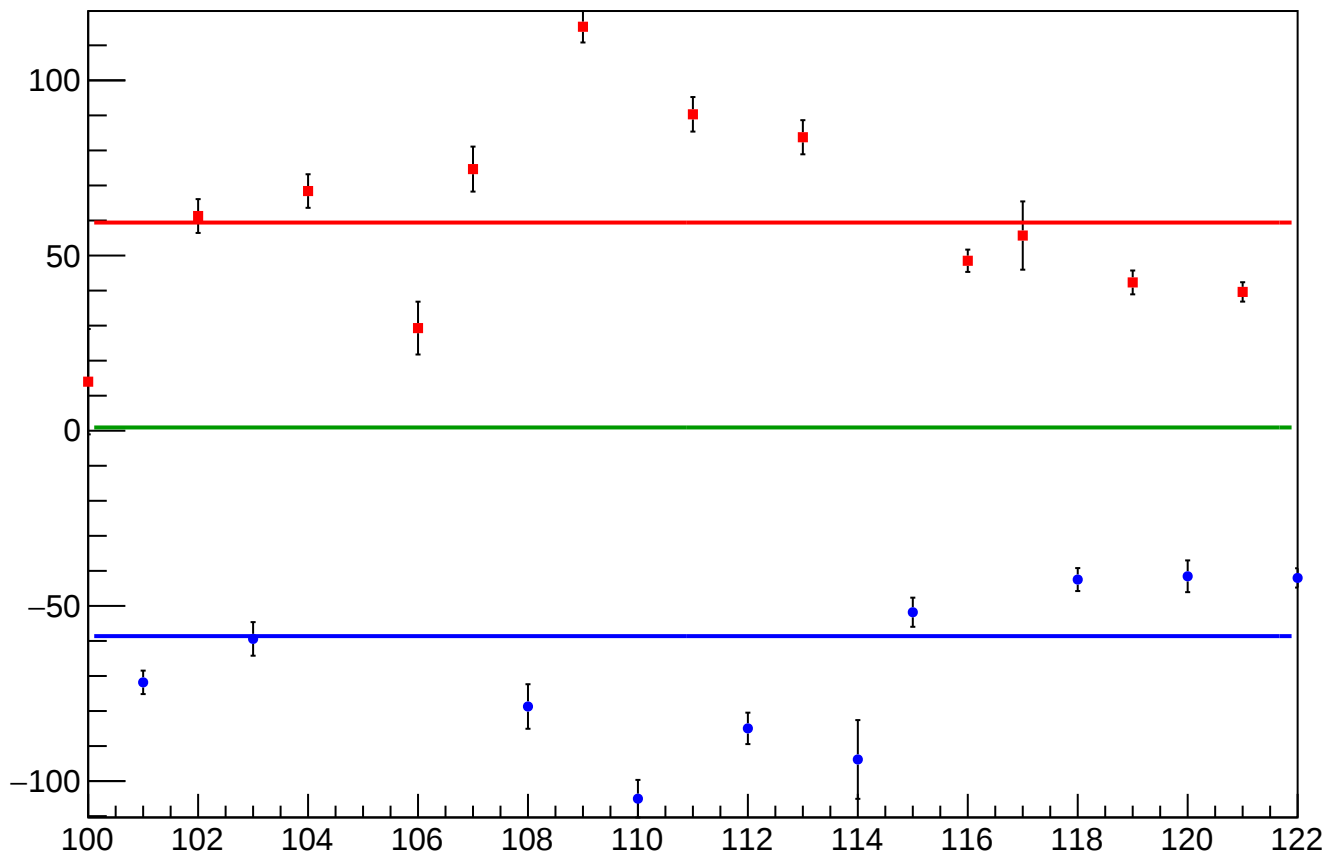
reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.112 $\pm$ 0.647 χ^2 /NDF: 1164.7/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -1.838 $\pm$ 0.702 χ^2 /NDF: 1314.4/11
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7.112 $\pm$ 0.647 χ^2 /NDF: 1164.7/9
 2.998 $\pm$ 0.476 χ^2 /NDF: 2567.0/21
 -1.838 $\pm$ 0.702 χ^2 /NDF: 1314.4/11

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -58.622 $\pm$ 1.312 χ^2 /NDF: 222.3/9

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

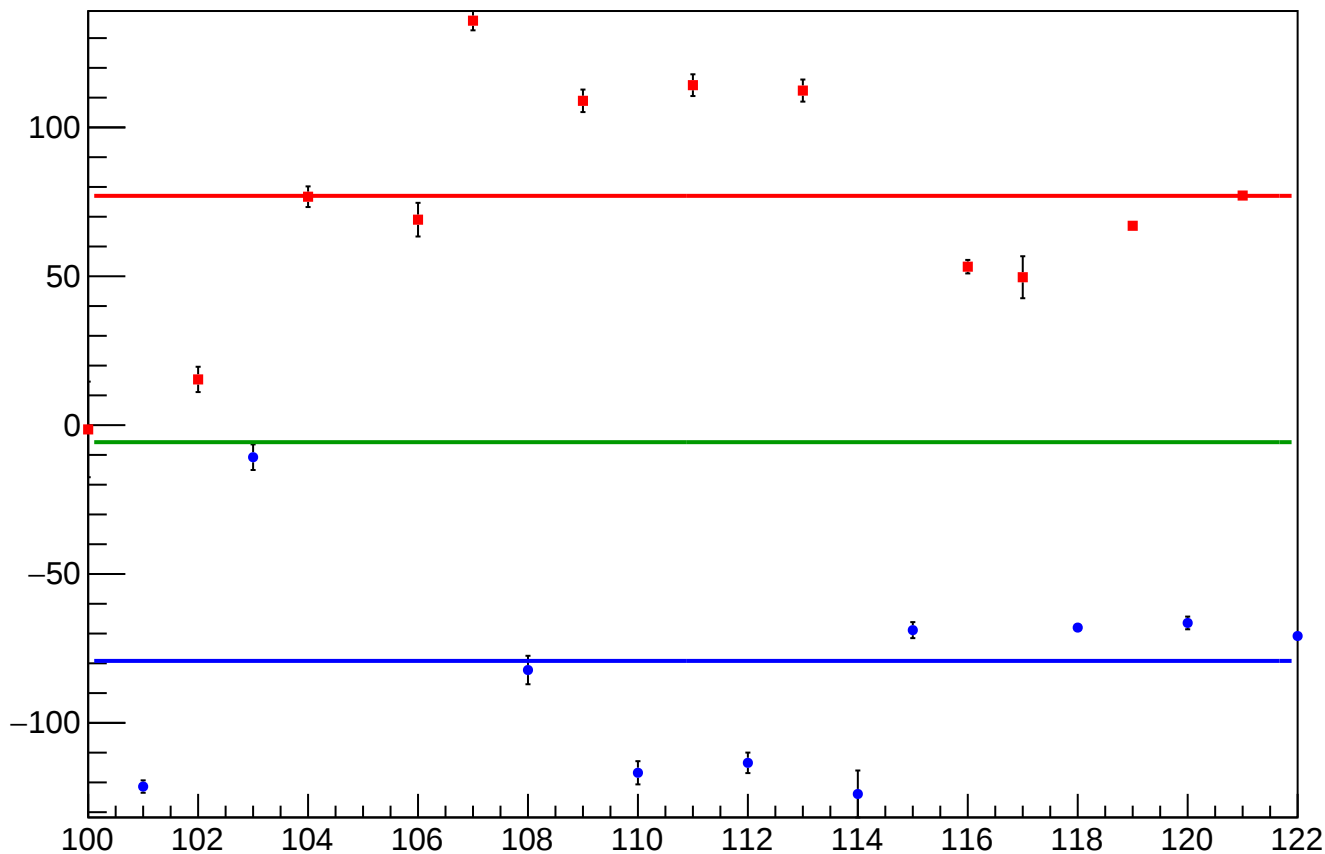
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-58.622 $\pm$ 1.312 χ^2 /NDF: 222.3/9

0.933 $\pm$ 0.923 χ^2 /NDF: 4650.1/21

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: -79.188+/-0.776 χ^2/NDF : 1019.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.015+/-0.824 χ^2/NDF : 996.7/11

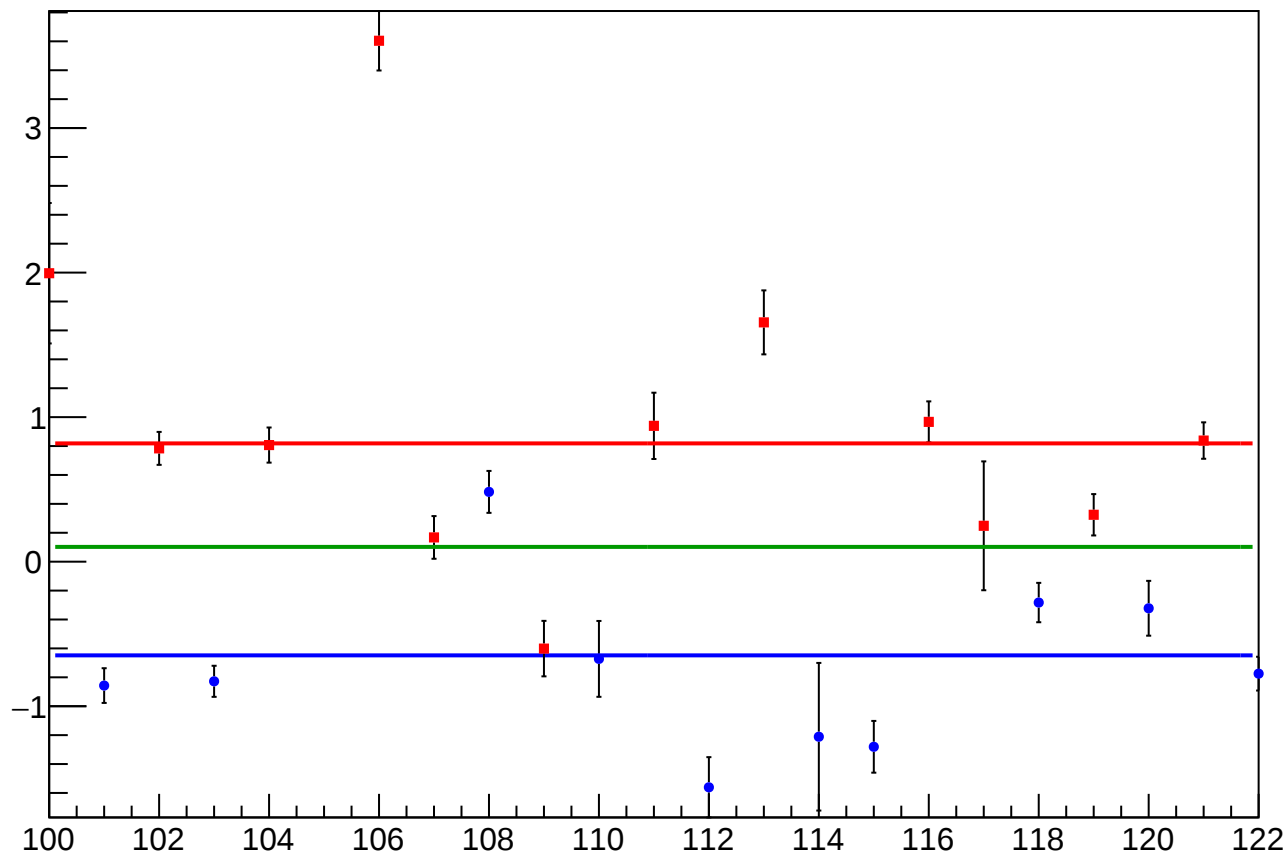
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-79.188+/-0.776 χ^2/NDF : 1019.3/9

-5.720+/-0.565 χ^2/NDF : 21056.7/21

77.015+/-0.824 χ^2/NDF : 996.7/11

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.648 ± 0.048 $\chi^2/\text{NDF}: 110.8/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.818 ± 0.047 $\chi^2/\text{NDF}: 292.7/11$

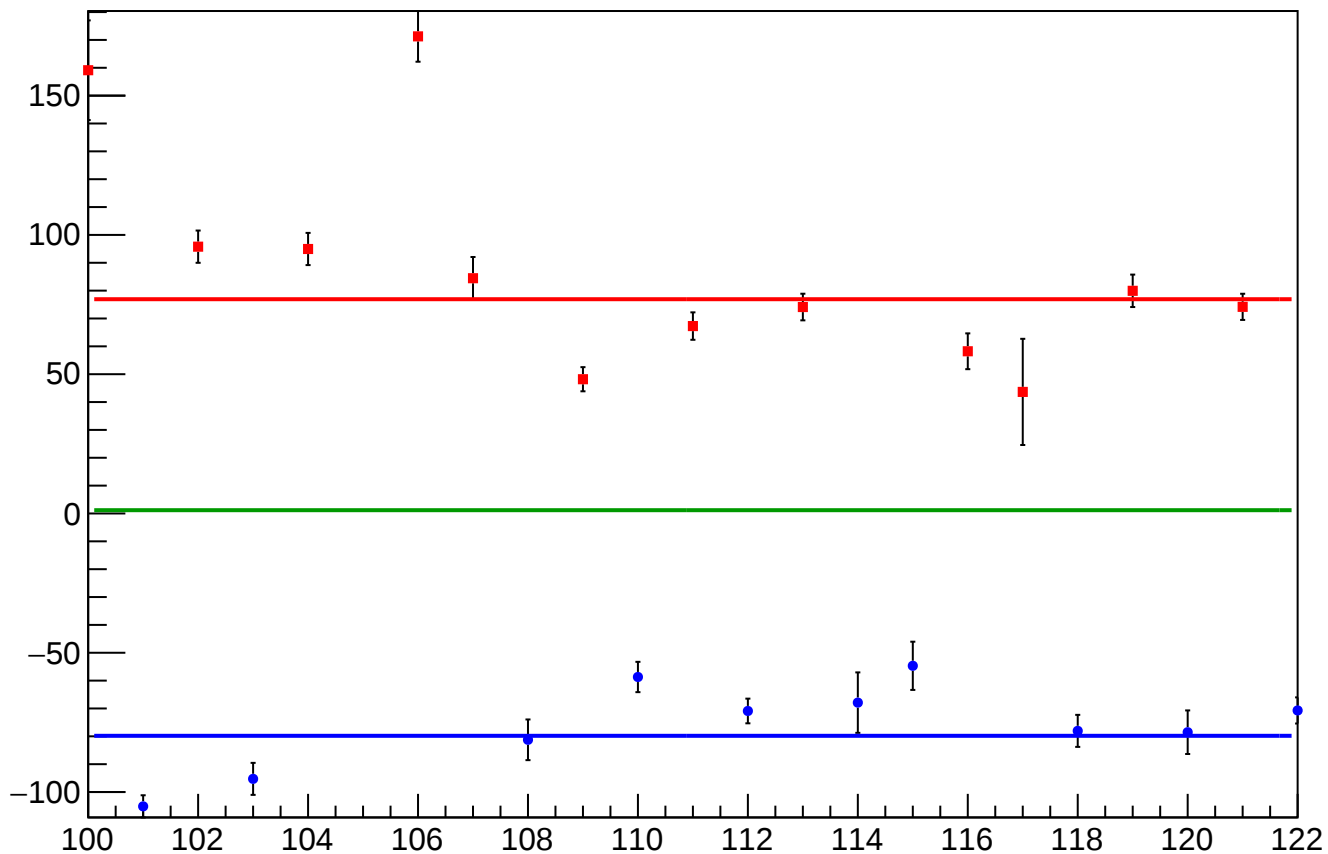
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.648 ± 0.048 $\chi^2/\text{NDF}: 110.8/9$

0.102 ± 0.034 $\chi^2/\text{NDF}: 877.8/21$

0.818 ± 0.047 $\chi^2/\text{NDF}: 292.7/11$

reg_asym_sam_26_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -79.814 ± 1.794 χ^2/NDF : 80.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 76.921 ± 1.735 χ^2/NDF : 210.1/11

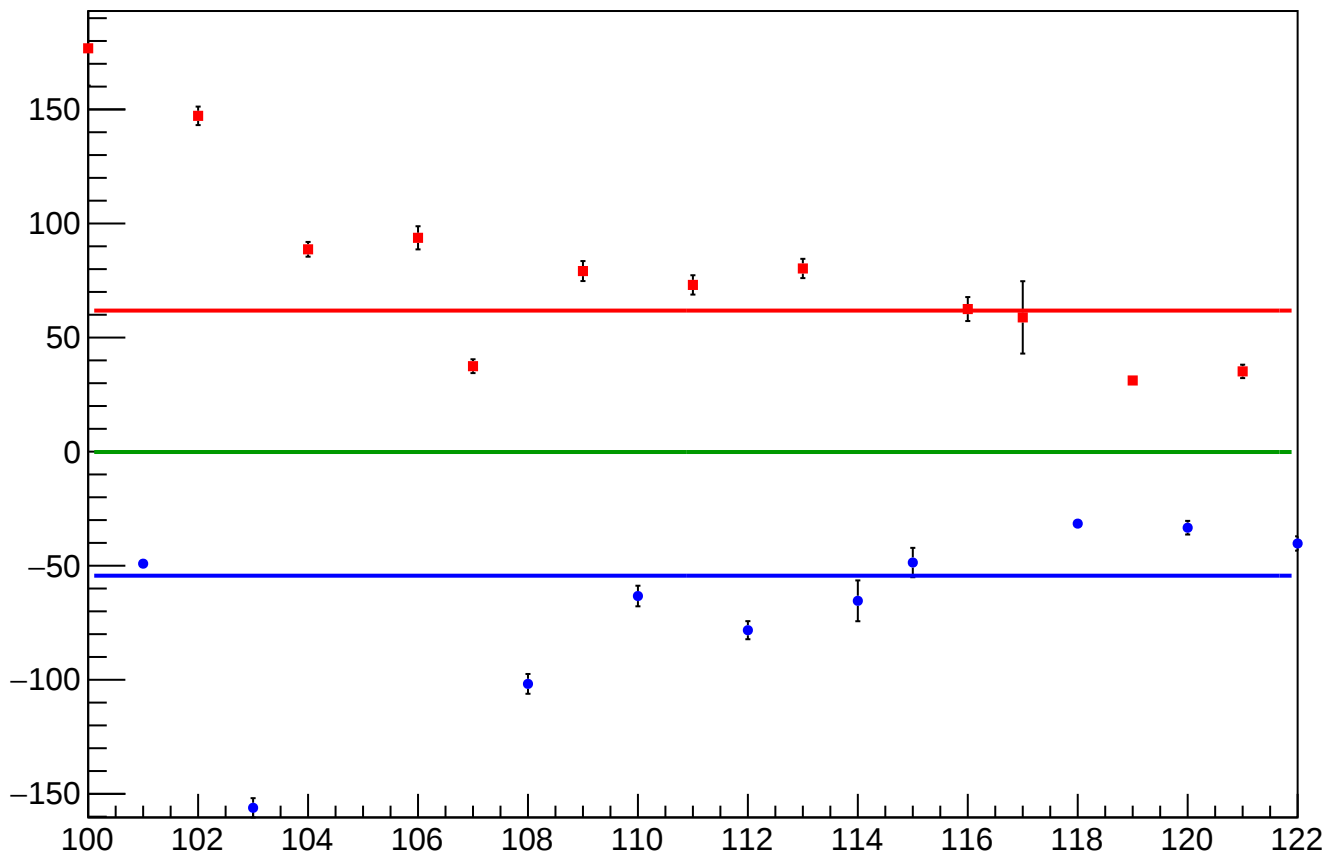
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-79.814 ± 1.794 χ^2/NDF : 80.3/9

1.179 ± 1.247 χ^2/NDF : 4234.5/21

76.921 ± 1.735 χ^2/NDF : 210.1/11

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -54.375+/-1.025 χ^2/NDF : 932.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.830+/-1.096 χ^2/NDF : 981.6/11

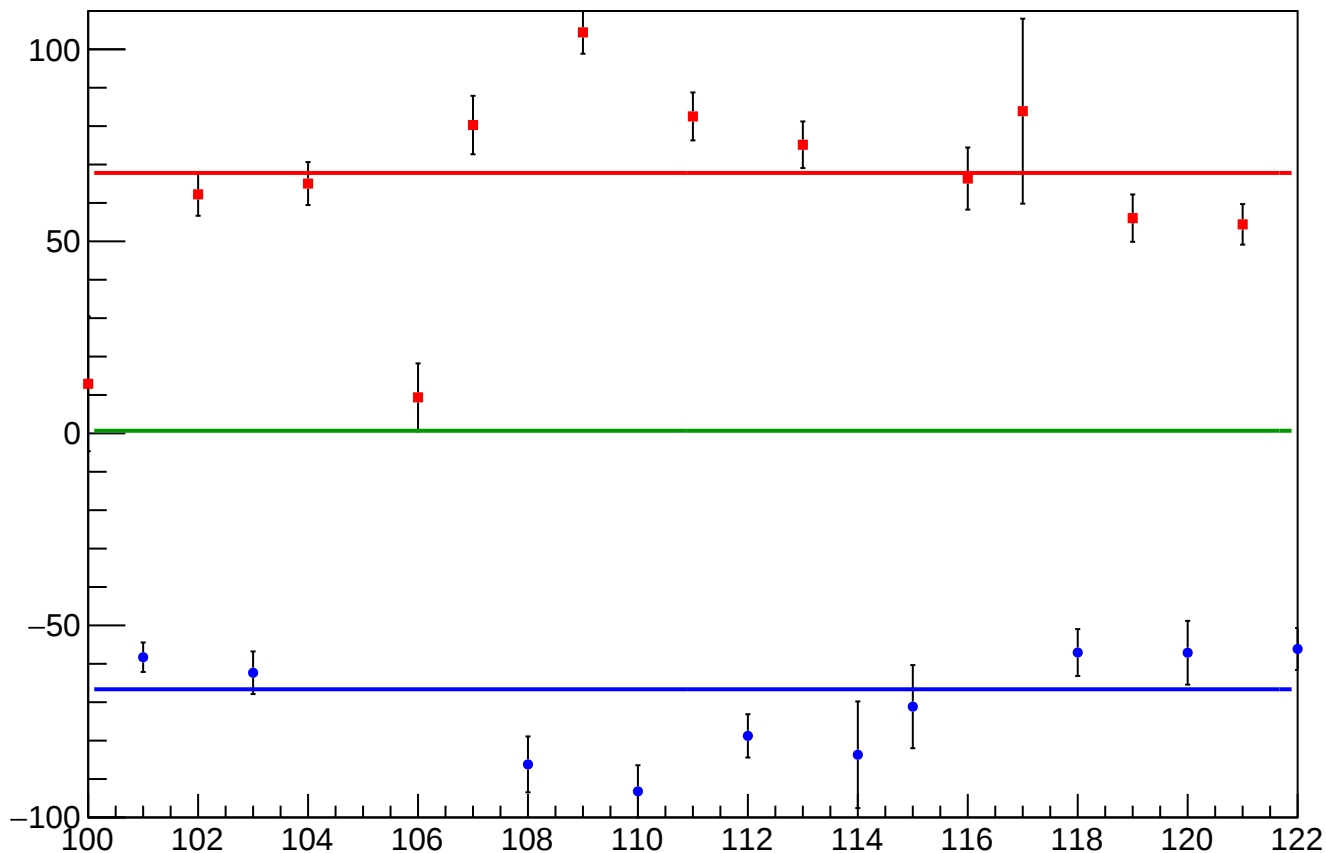
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-54.375+/-1.025 χ^2/NDF : 932.6/9

-0.162+/-0.749 χ^2/NDF : 7908.9/21

61.830+/-1.096 χ^2/NDF : 981.6/11

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -66.631 ± 1.958 $\chi^2/\text{NDF}: 41.6/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 67.807 ± 1.956 $\chi^2/\text{NDF}: 118.2/11$

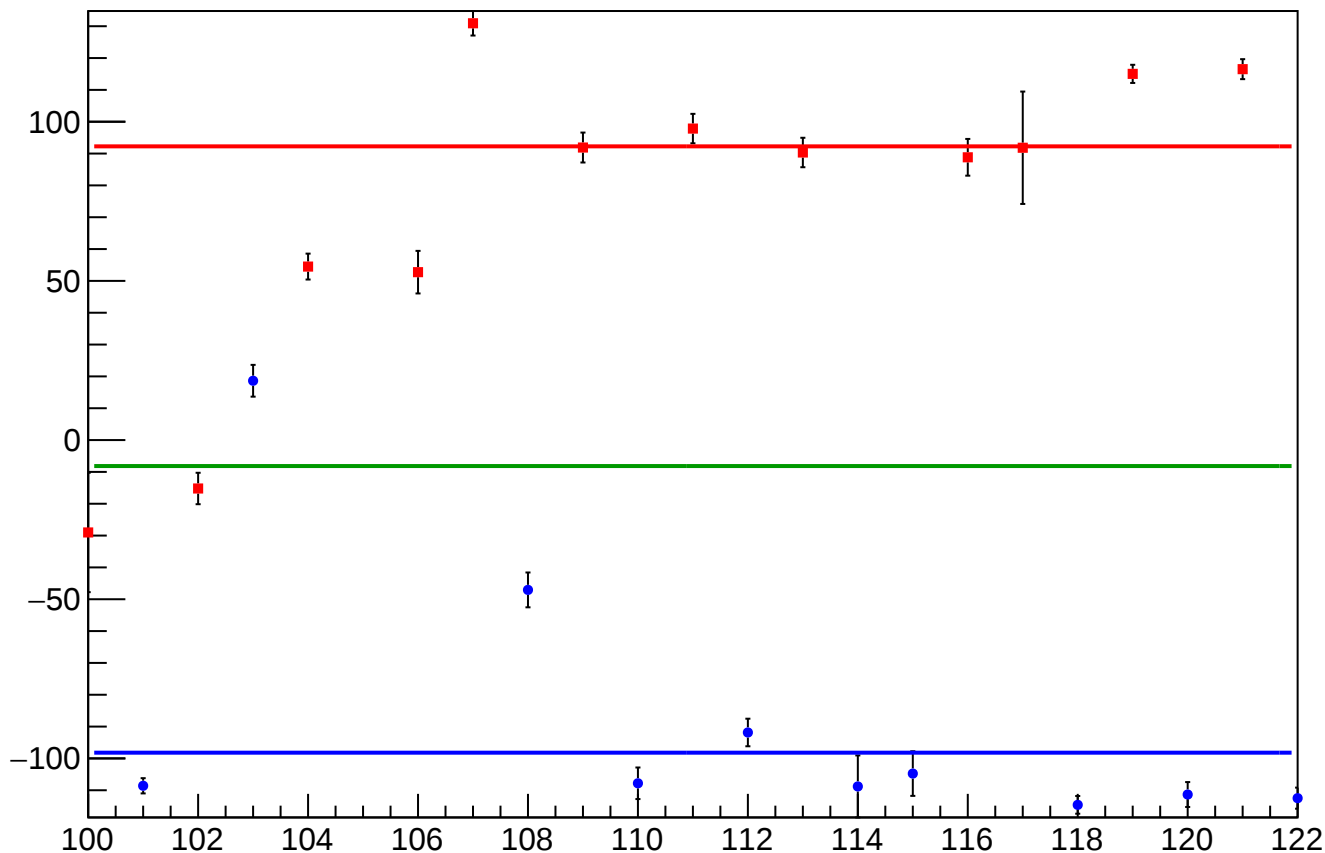
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-66.631 ± 1.958 $\chi^2/\text{NDF}: 41.6/9$

0.681 ± 1.384 $\chi^2/\text{NDF}: 2519.4/21$

67.807 ± 1.956 $\chi^2/\text{NDF}: 118.2/11$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -98.198+/-1.232 χ^2/NDF : 726.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.261+/-1.301 χ^2/NDF : 863.4/11

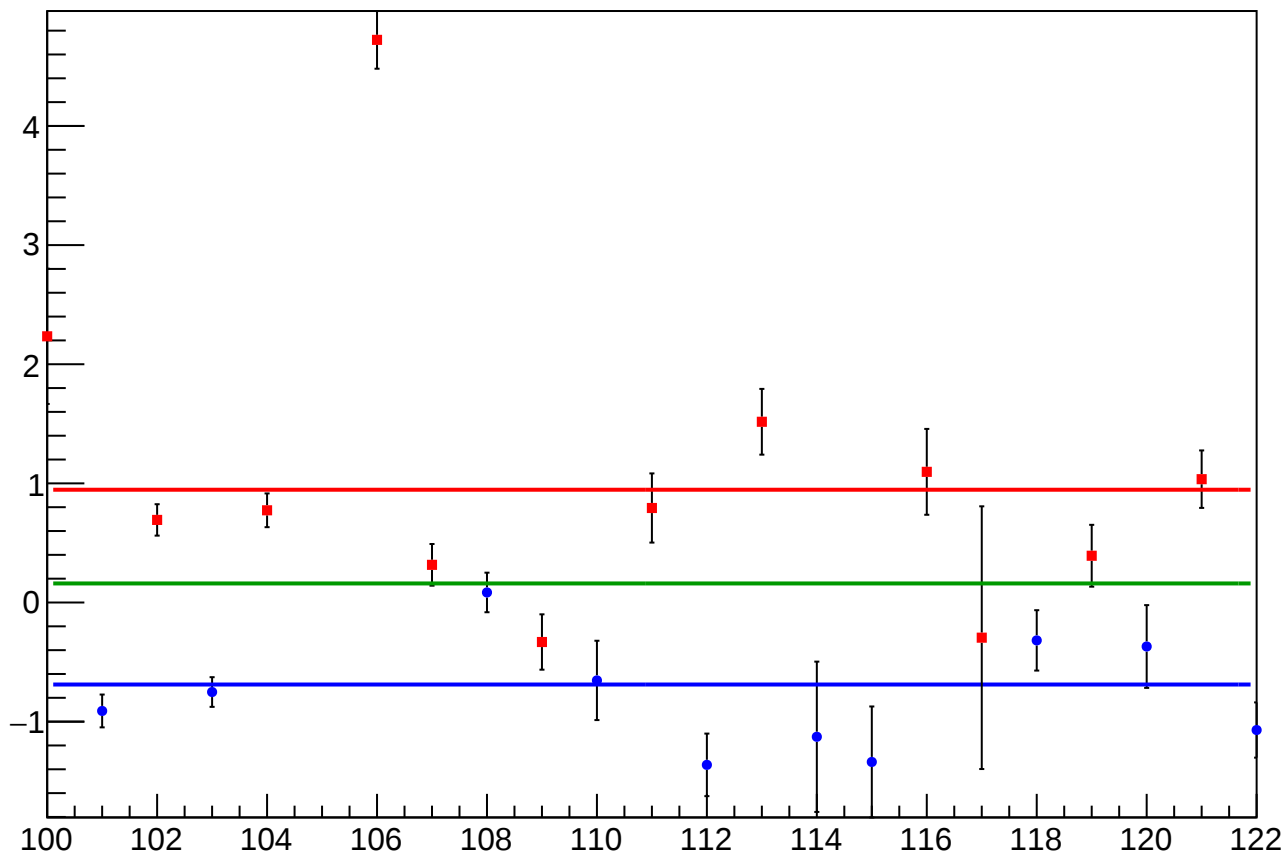
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-98.198+/-1.232 χ^2/NDF : 726.5/9

-8.161+/-0.895 χ^2/NDF : 12889.2/21

92.261+/-1.301 χ^2/NDF : 863.4/11

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.688+/-0.066 χ^2/NDF : 39.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.947+/-0.064 χ^2/NDF : 307.4/11

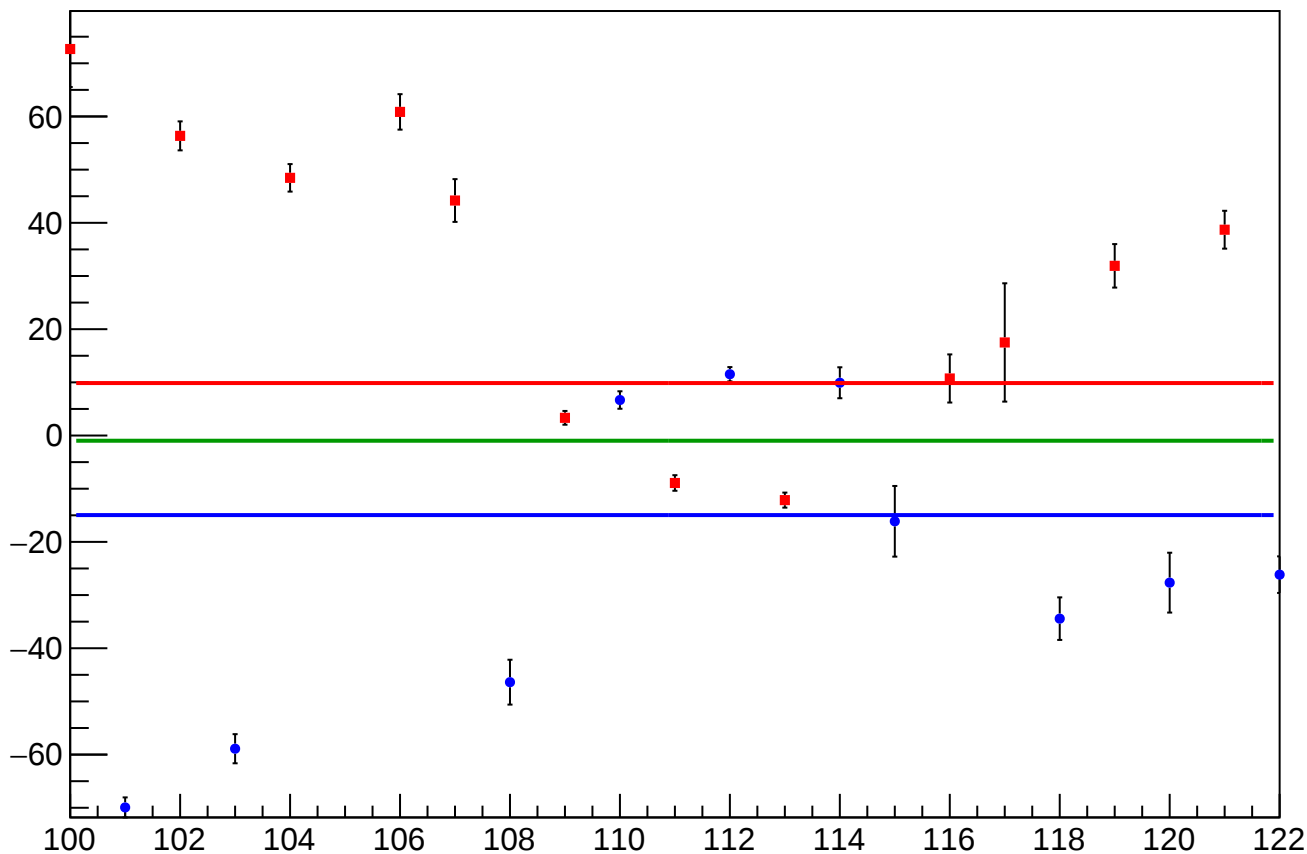
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.688+/-0.066 χ^2/NDF : 39.2/9

0.160+/-0.046 χ^2/NDF : 660.9/21

0.947+/-0.064 χ^2/NDF : 307.4/11

reg_asym_sam_48_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -14.960 $\pm$ 0.763 χ^2 /NDF: 1838.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.868 $\pm$ 0.672 χ^2 /NDF: 1424.5/11

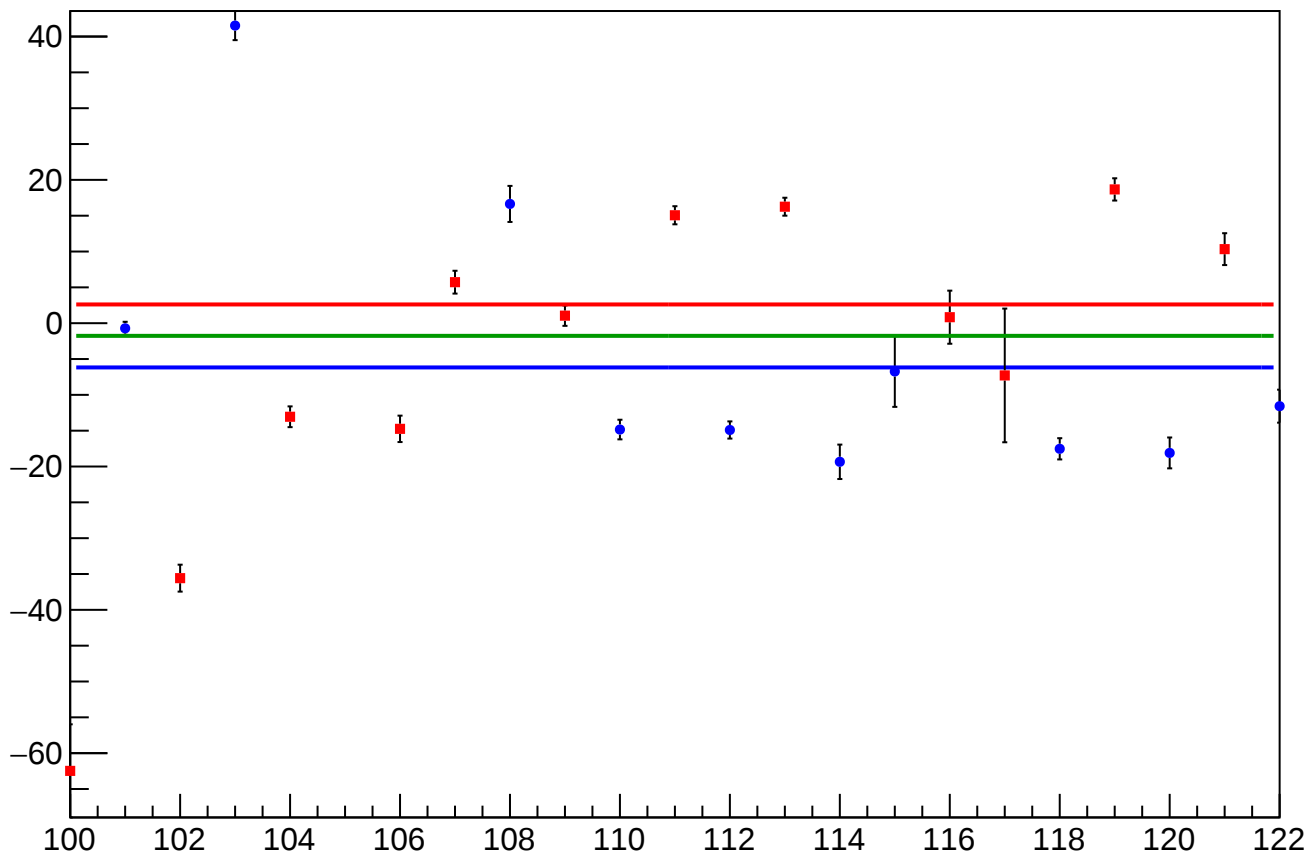
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-14.960 $\pm$ 0.763 χ^2 /NDF: 1838.9/9

-0.978 $\pm$ 0.504 χ^2 /NDF: 3859.3/21

9.868 $\pm$ 0.672 χ^2 /NDF: 1424.5/11

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.174+/-0.506 χ^2/NDF : 887.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.615+/-0.504 χ^2/NDF : 1060.3/11

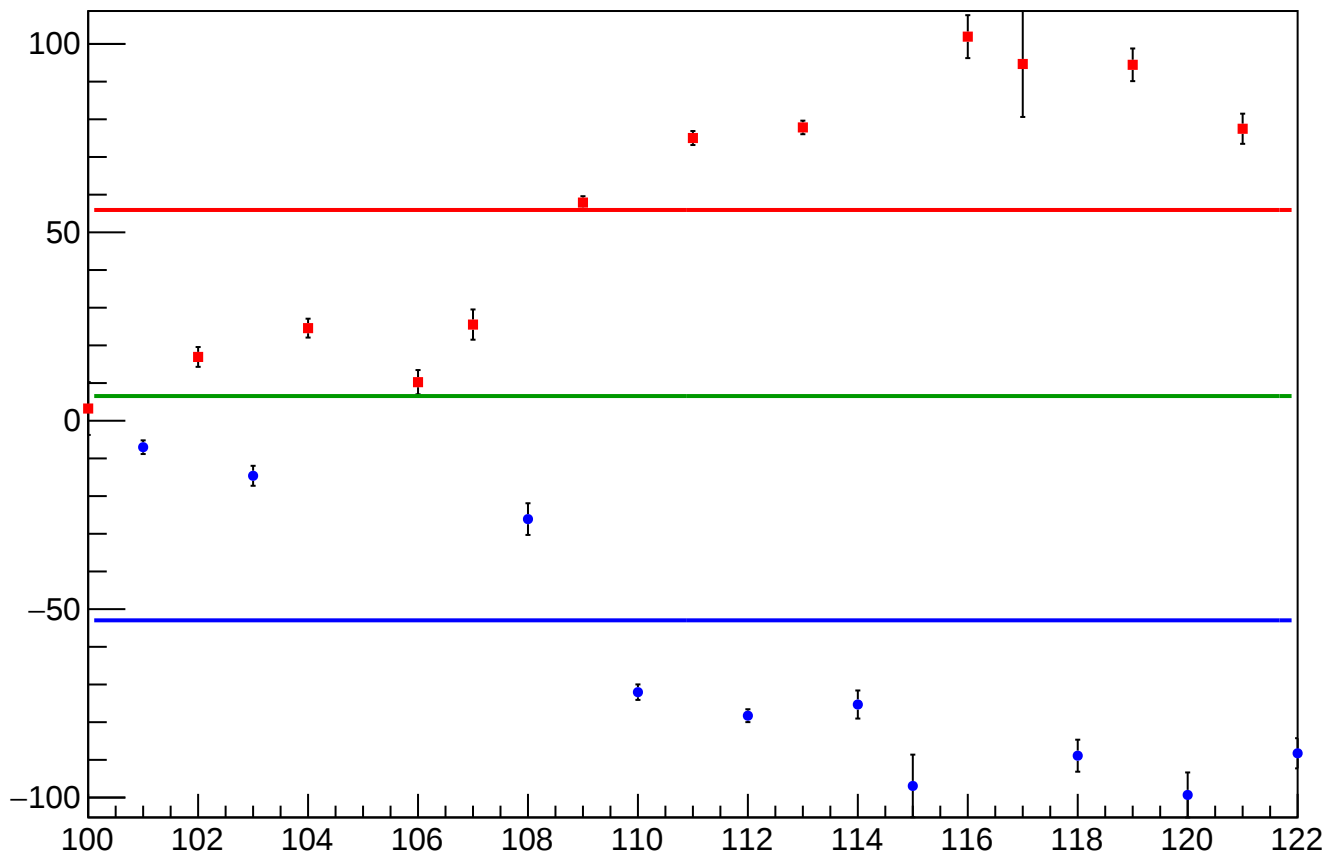
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.174+/-0.506 χ^2/NDF : 887.5/9

-1.766+/-0.357 χ^2/NDF : 2099.3/21

2.615+/-0.504 χ^2/NDF : 1060.3/11

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.971 $\pm$ 0.873 χ^2 /NDF: 1469.1/9

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

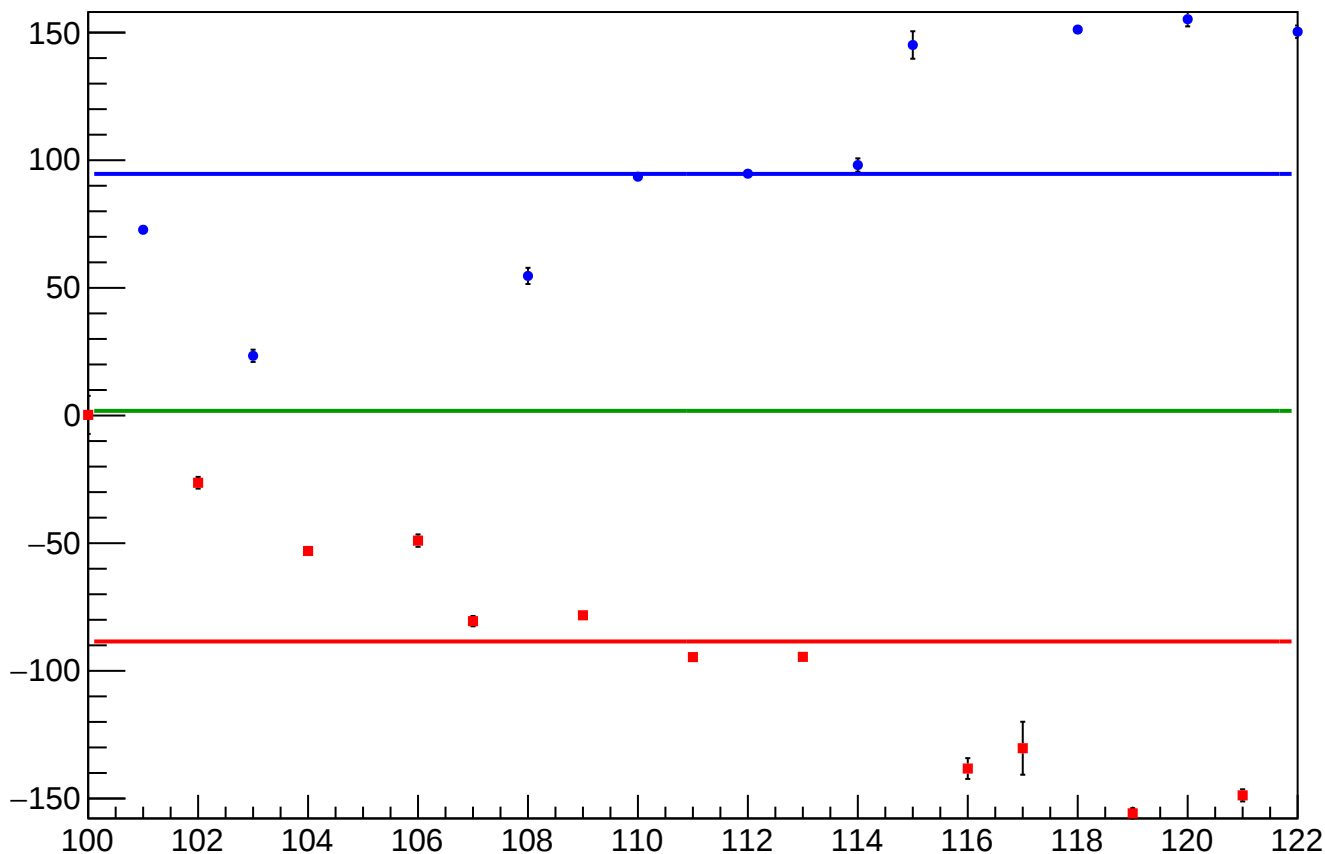
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-52.971 $\pm$ 0.873 χ^2 /NDF: 1469.1/9

6.554 $\pm$ 0.588 χ^2 /NDF: 11111.8/21

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: 94.646+/-0.592 χ^2/NDF : 3364.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -88.489+/-0.584 χ^2/NDF : 3561.9/11

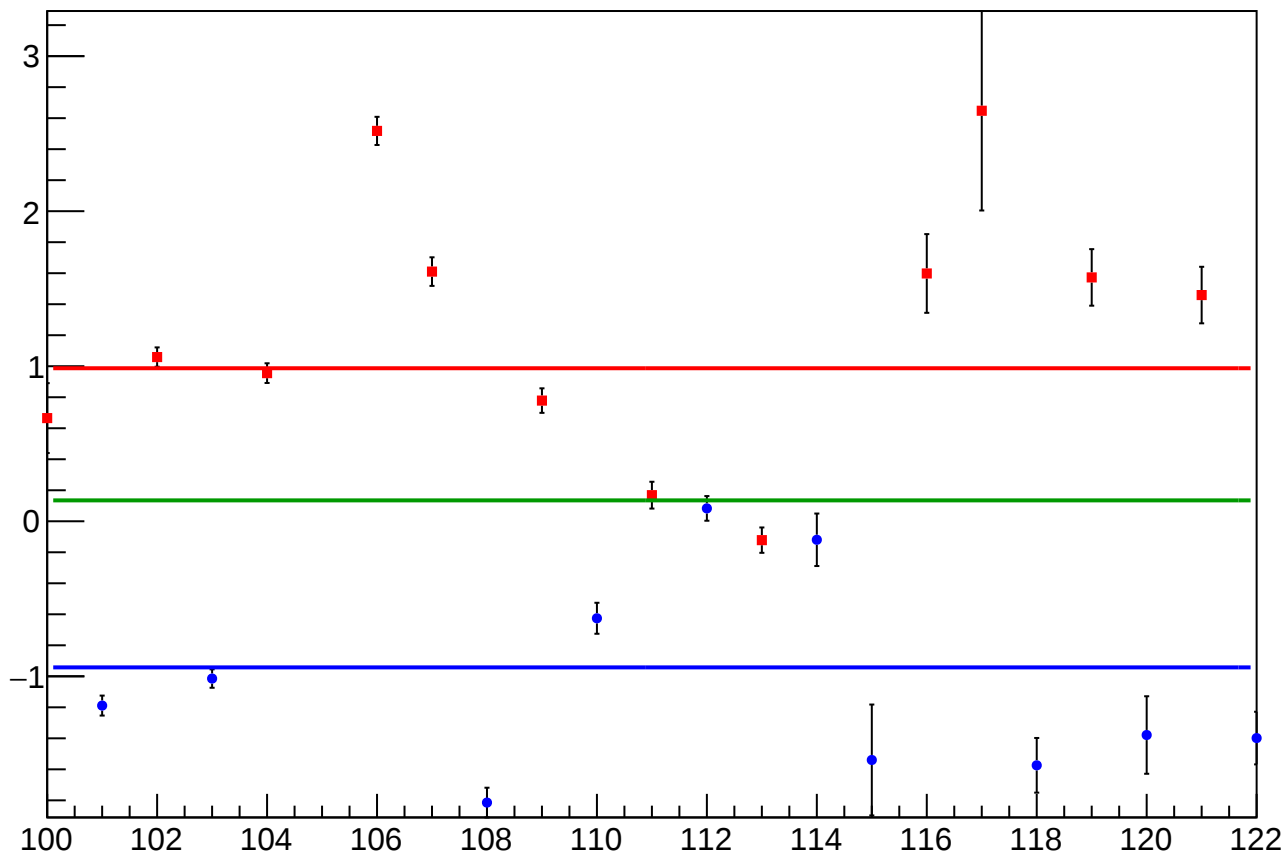
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

94.646+/-0.592 χ^2/NDF : 3364.5/9

1.834+/-0.416 χ^2/NDF : 55423.8/21

-88.489+/-0.584 χ^2/NDF : 3561.9/11

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.942 ± 0.031 χ^2/NDF : 324.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.987 ± 0.028 χ^2/NDF : 643.5/11

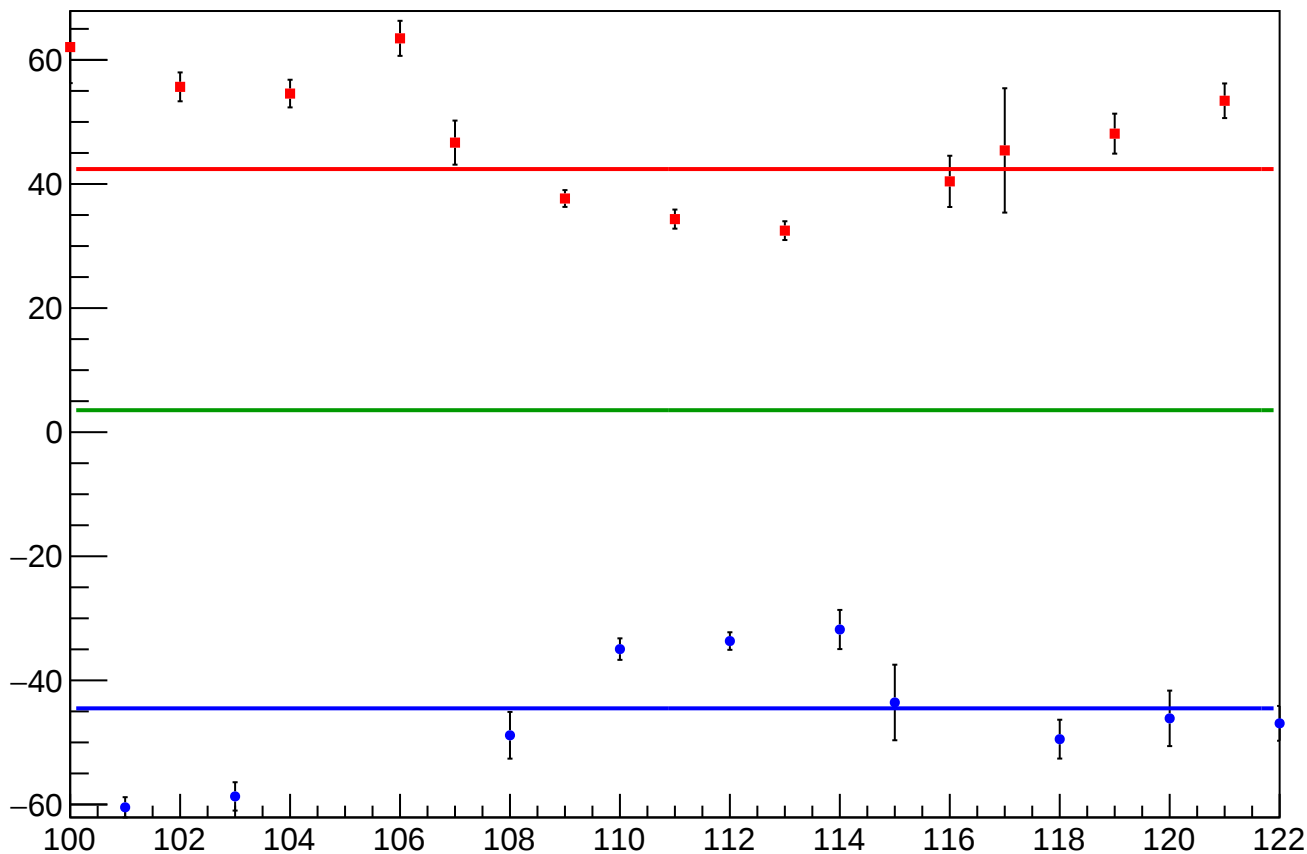
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.942 ± 0.031 χ^2/NDF : 324.5/9

0.135 ± 0.021 χ^2/NDF : 3081.3/21

0.987 ± 0.028 χ^2/NDF : 643.5/11

reg_asym_sam_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -44.507 ± 0.730 χ^2/NDF : 244.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 42.407 ± 0.657 χ^2/NDF : 232.6/11

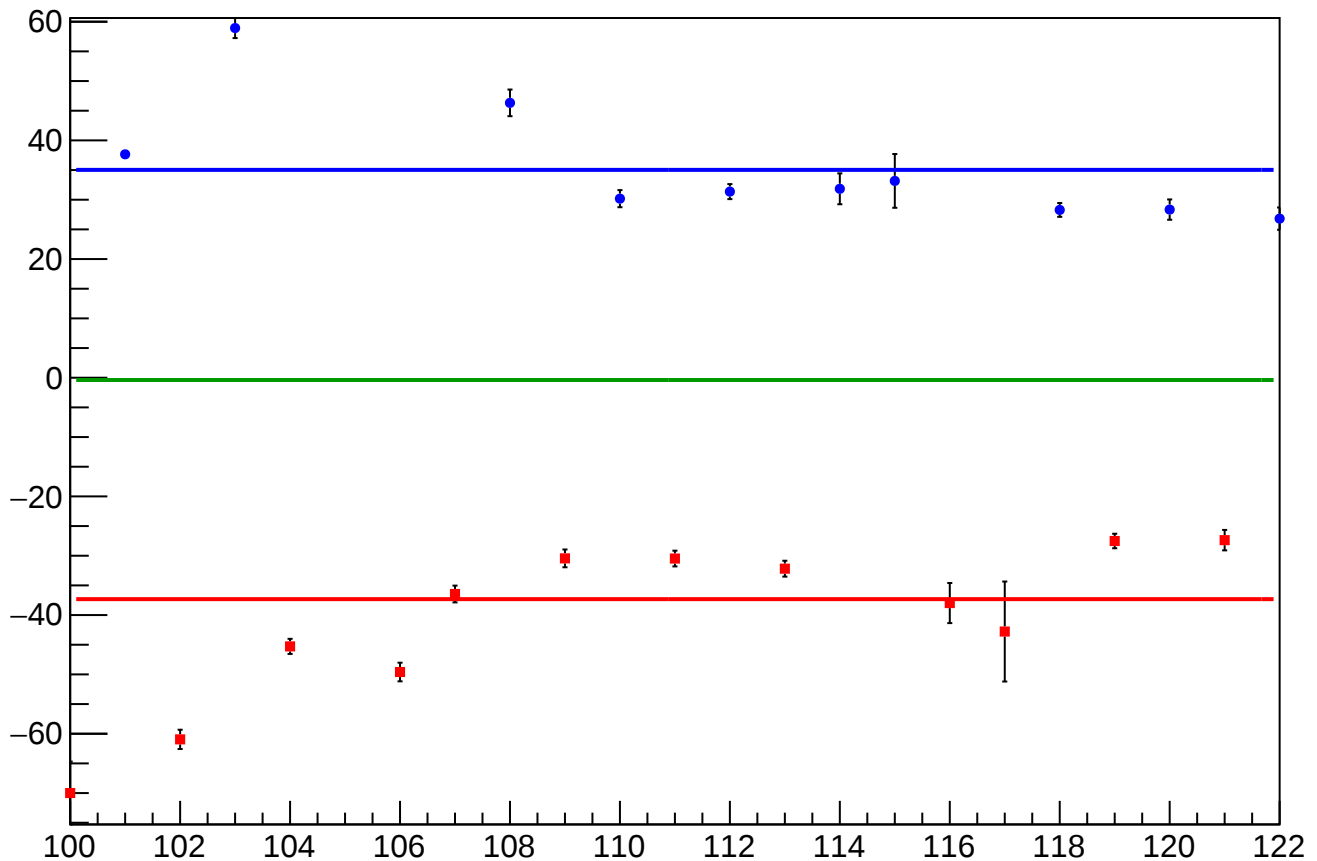
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-44.507 ± 0.730 χ^2/NDF : 244.0/9

3.544 ± 0.488 χ^2/NDF : 8311.0/21

42.407 ± 0.657 χ^2/NDF : 232.6/11

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 35.030+/-0.456 χ^2/NDF : 325.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.317+/-0.466 χ^2/NDF : 510.3/11

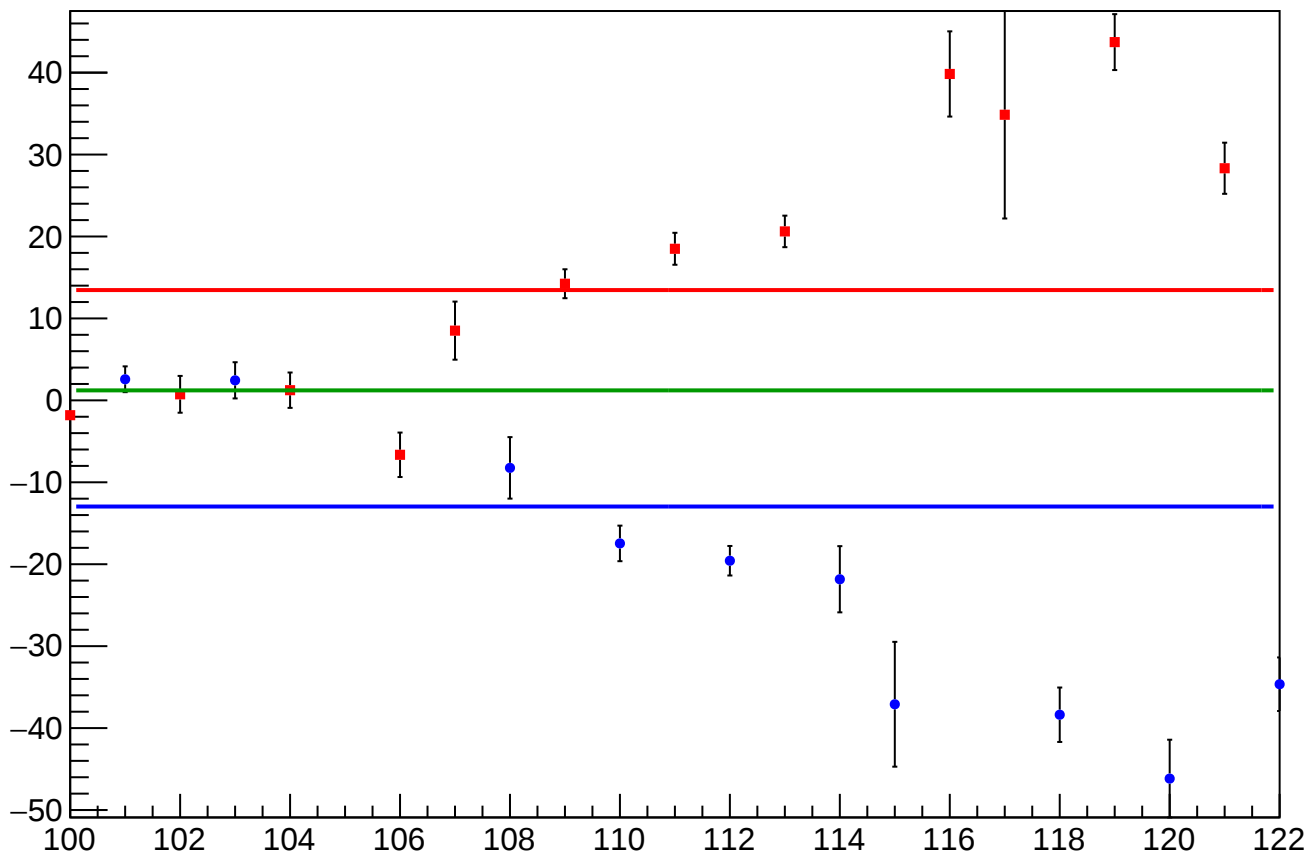
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

35.030+/-0.456 χ^2/NDF : 325.8/9

-0.385+/-0.326 χ^2/NDF : 13166.4/21

-37.317+/-0.466 χ^2/NDF : 510.3/11

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -12.958 $\pm$ 0.815 χ^2 /NDF: 331.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.461 $\pm$ 0.757 χ^2 /NDF: 278.8/11

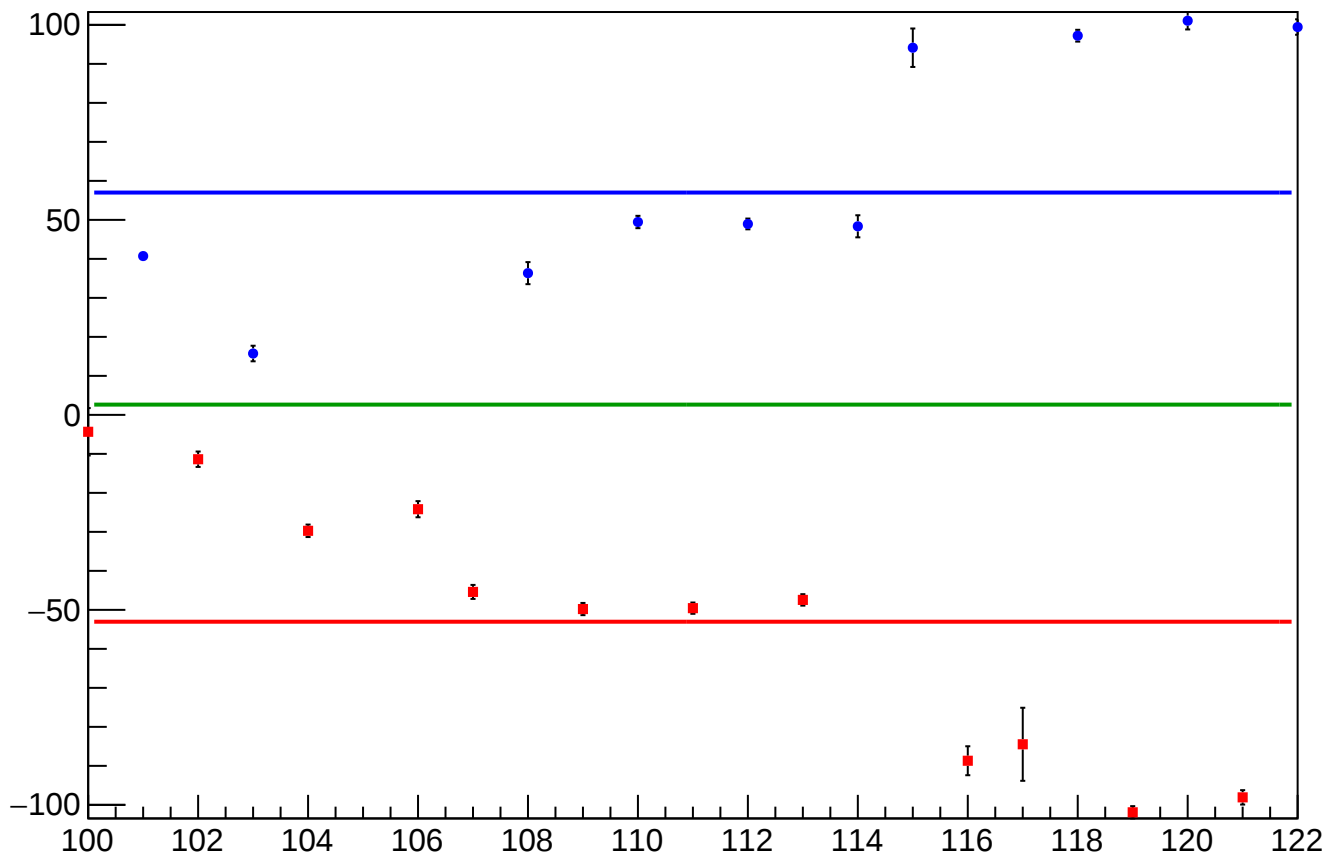
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-12.958 $\pm$ 0.815 χ^2 /NDF: 331.8/9

1.218 $\pm$ 0.555 χ^2 /NDF: 1175.0/21

13.461 $\pm$ 0.757 χ^2 /NDF: 278.8/11

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 57.006+/-0.540 χ^2 /NDF: 2442.3/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -53.040+/-0.546 χ^2 /NDF: 2617.2/11

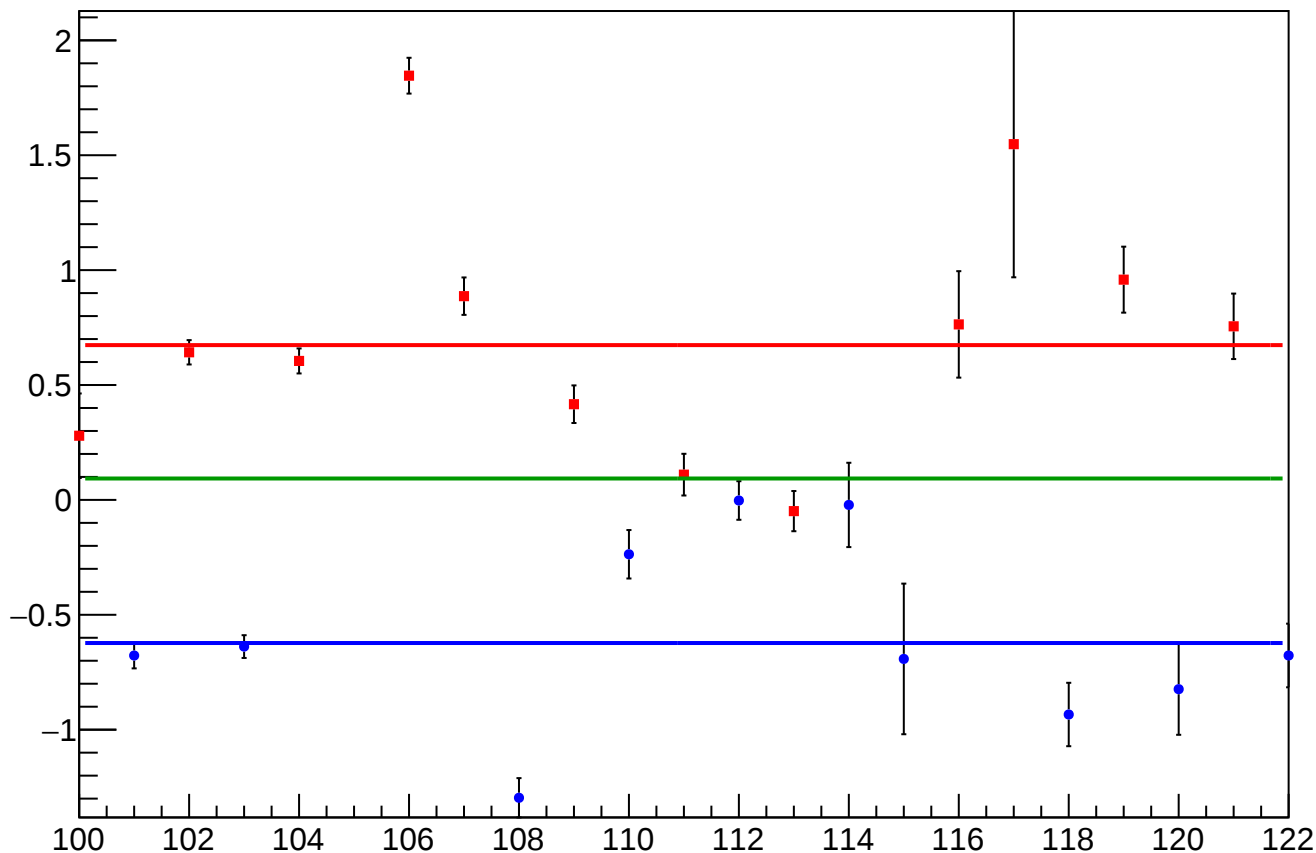
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

57.006+/-0.540 χ^2 /NDF: 2442.3/9

2.630+/-0.384 χ^2 /NDF: 25580.4/21

-53.040+/-0.546 χ^2 /NDF: 2617.2/11

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.623+/-0.028 χ^2 /NDF: 148.0/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.674+/-0.025 χ^2 /NDF: 363.3/11

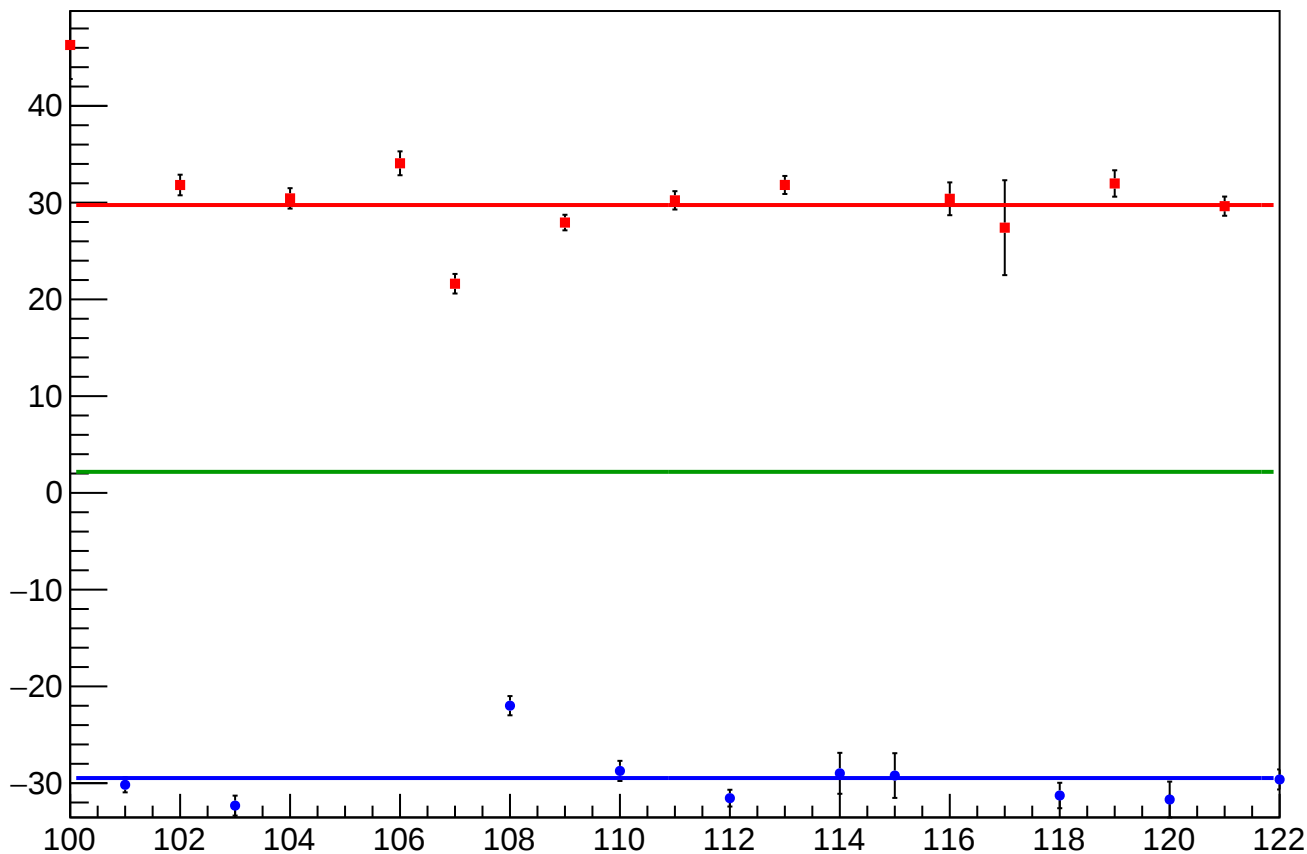
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.623+/-0.028 χ^2 /NDF: 148.0/9

0.093+/-0.019 χ^2 /NDF: 1685.1/21

0.674+/-0.025 χ^2 /NDF: 363.3/11

reg_asym_sam_13_57_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -29.473+/-0.352 χ^2/NDF : 74.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.752+/-0.329 χ^2/NDF : 116.6/11

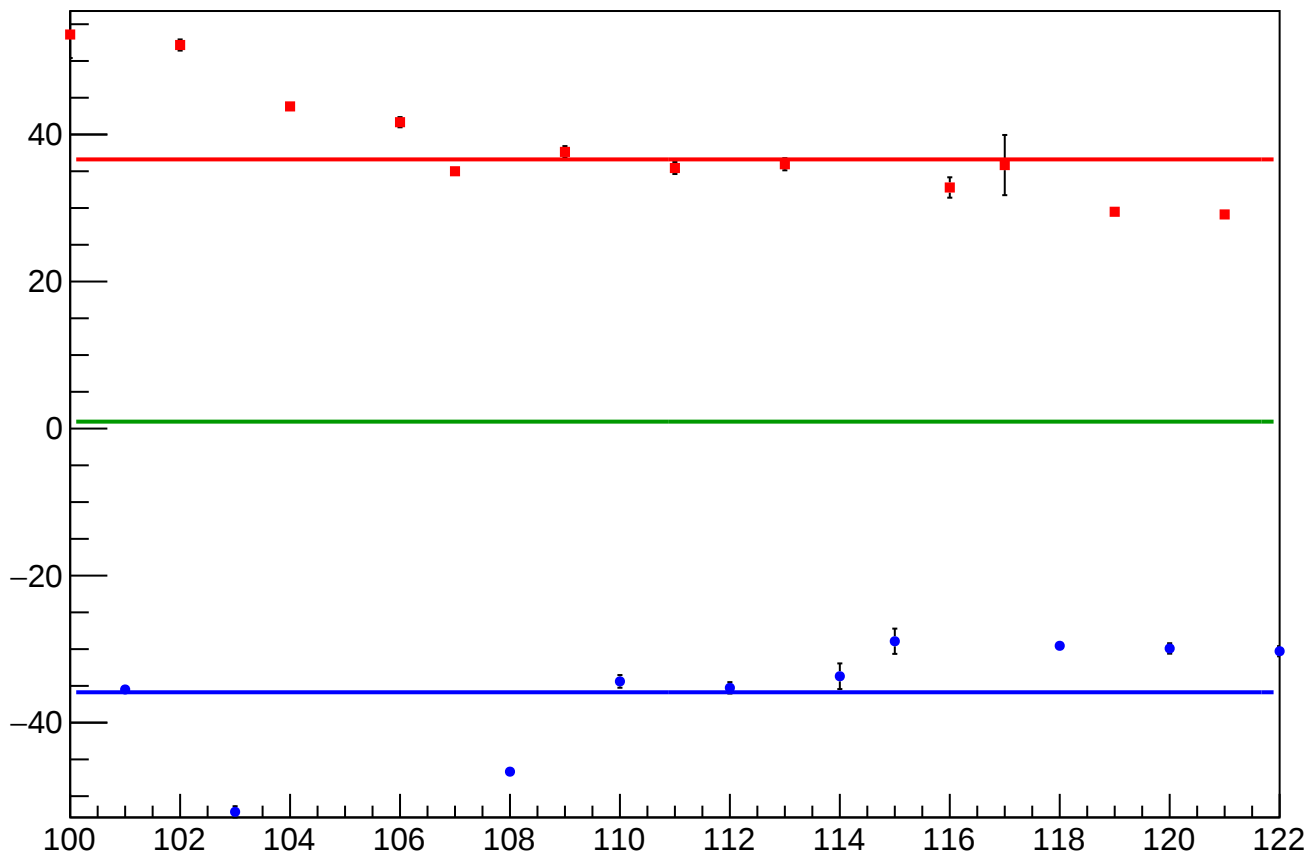
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-29.473+/-0.352 χ^2/NDF : 74.7/9

2.175+/-0.240 χ^2/NDF : 15295.1/21

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: -35.868 ± 0.207 $\chi^2/\text{NDF}: 1109.9/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 36.612 ± 0.204 $\chi^2/\text{NDF}: 1011.1/11$

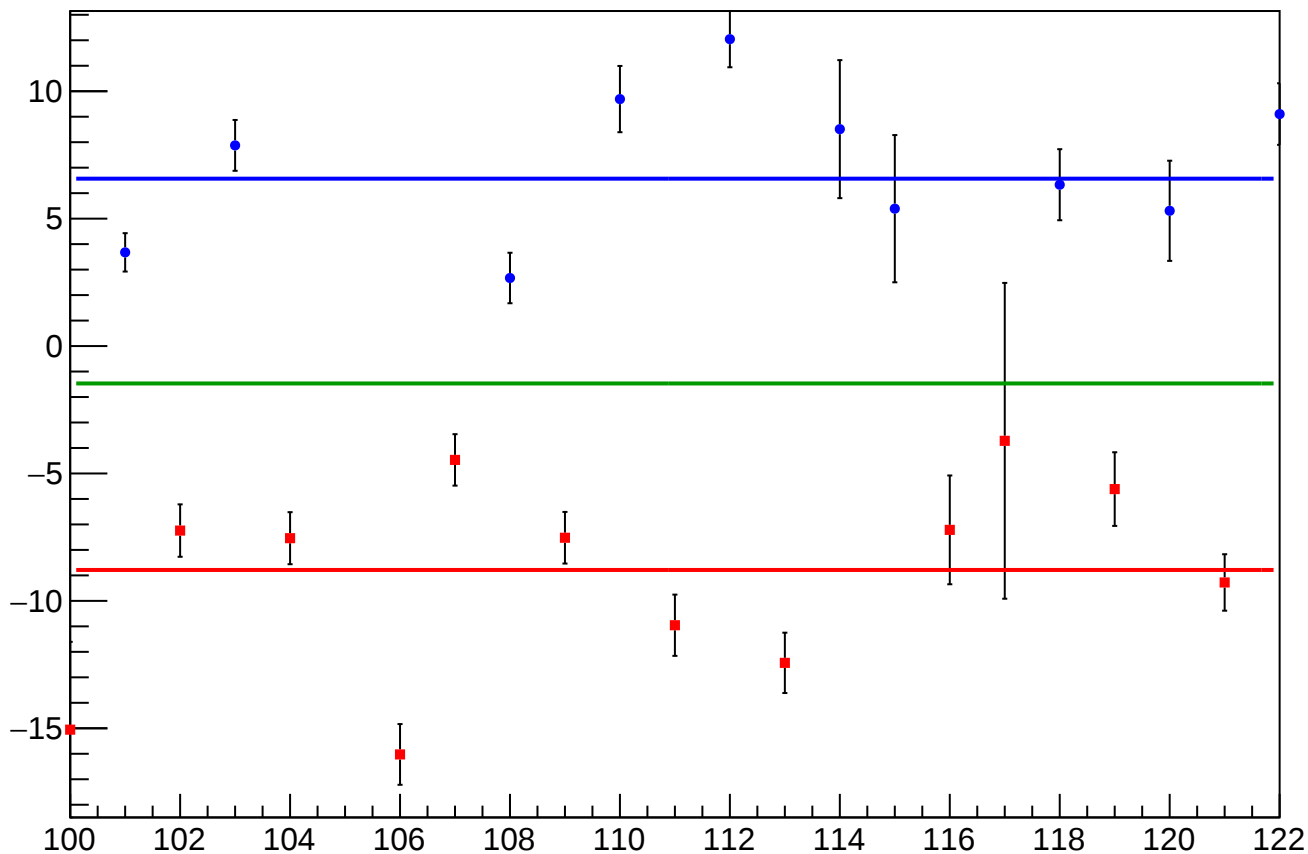
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-35.868 ± 0.207 $\chi^2/\text{NDF}: 1109.9/9$

0.944 ± 0.145 $\chi^2/\text{NDF}: 64489.9/21$

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: 6.569+/-0.380 χ^2/NDF : 67.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.787+/-0.363 χ^2/NDF : 82.8/11

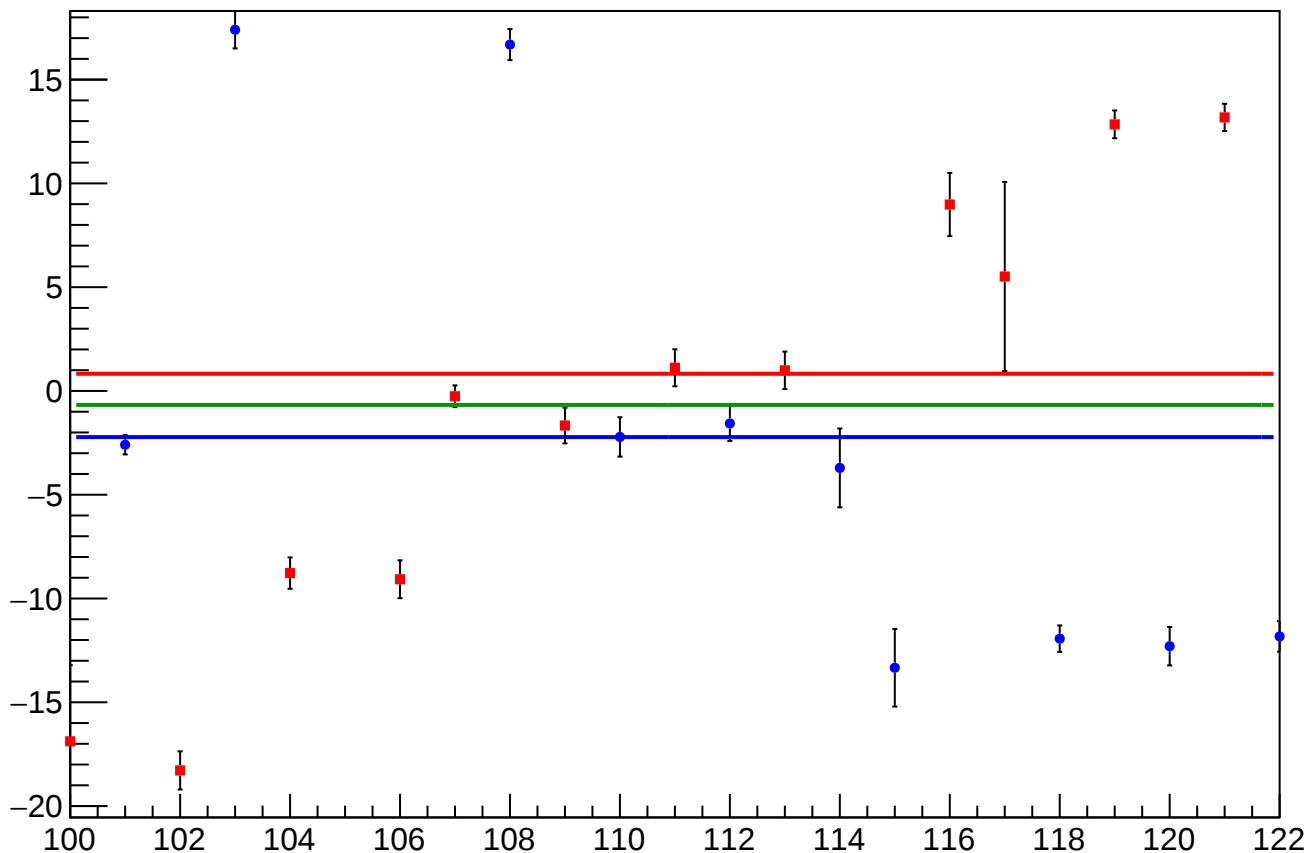
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.569+/-0.380 χ^2/NDF : 67.9/9

-1.468+/-0.263 χ^2/NDF : 1003.9/21

-8.787+/-0.363 χ^2/NDF : 82.8/11

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.223+/-0.248 χ^2/NDF : 1673.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.828+/-0.244 χ^2/NDF : 1454.9/11

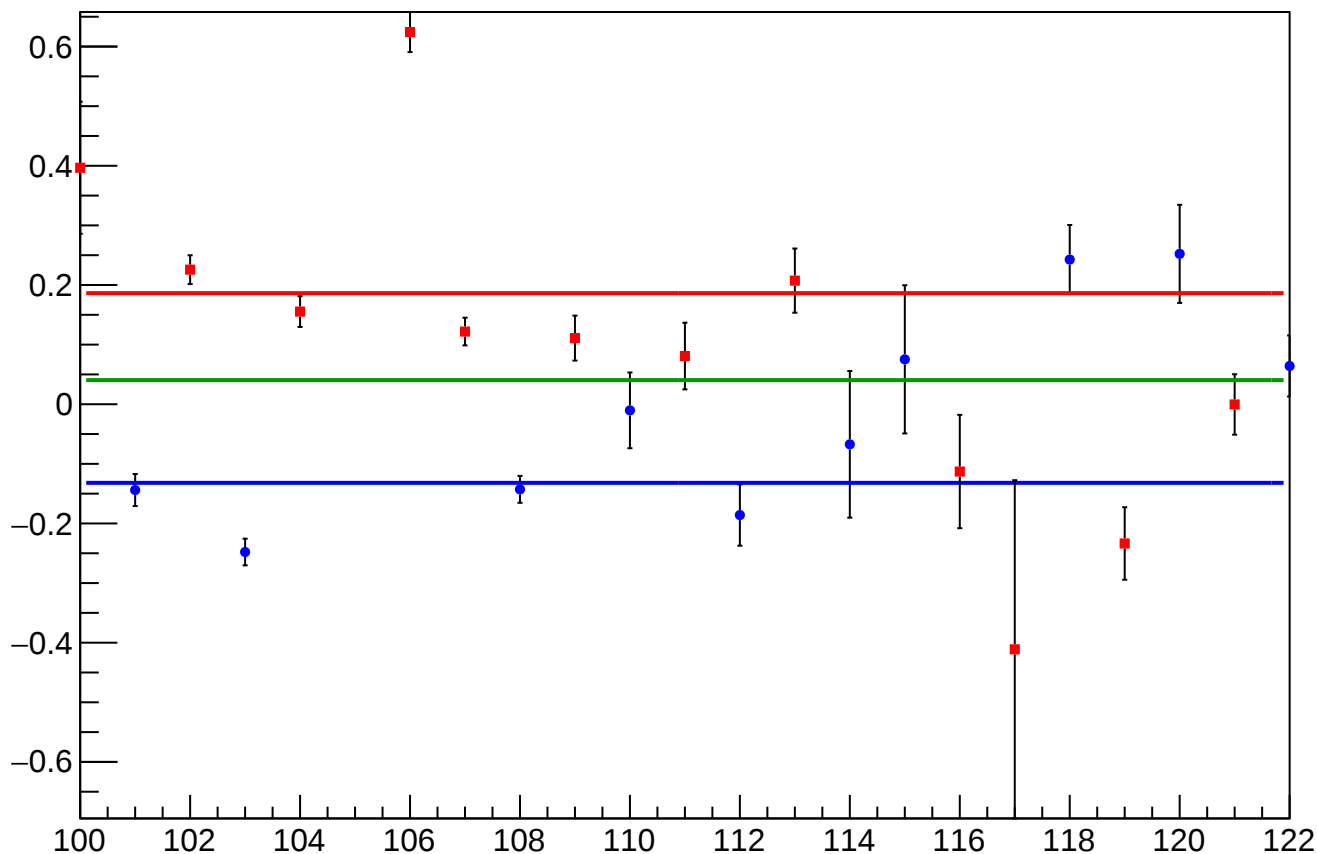
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.223+/-0.248 χ^2/NDF : 1673.8/9

-0.673+/-0.174 χ^2/NDF : 3205.4/21

0.828+/-0.244 χ^2/NDF : 1454.9/11

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.132 $\pm$ 0.012 χ^2 /NDF: 113.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.186 $\pm$ 0.011 χ^2 /NDF: 268.5/11

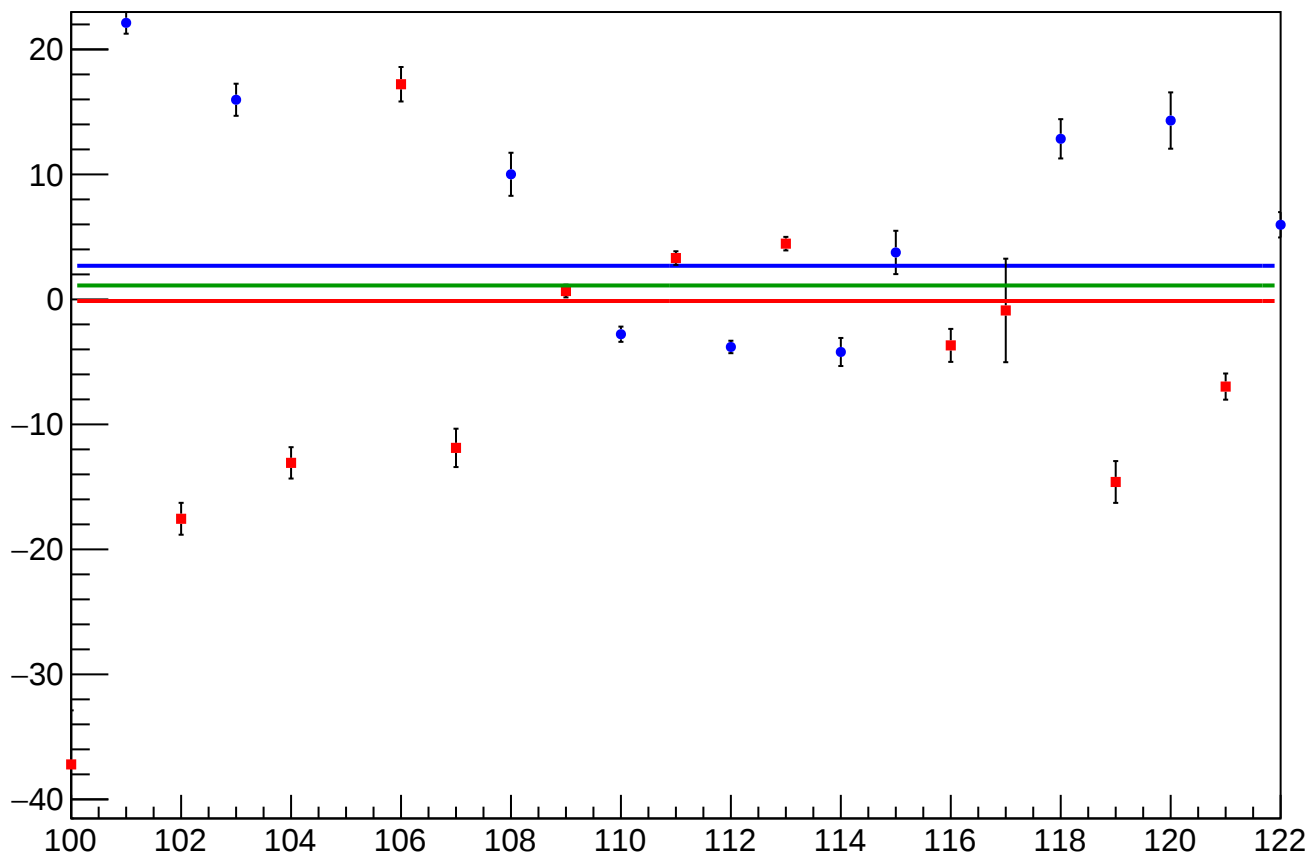
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.132 $\pm$ 0.012 χ^2 /NDF: 113.4/9

0.040 $\pm$ 0.008 χ^2 /NDF: 762.4/21

0.186 $\pm$ 0.011 χ^2 /NDF: 268.5/11

reg_asym_sam_15_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 2.690 $\pm$ 0.293 χ^2 /NDF: 994.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.128 $\pm$ 0.260 χ^2 /NDF: 822.1/11

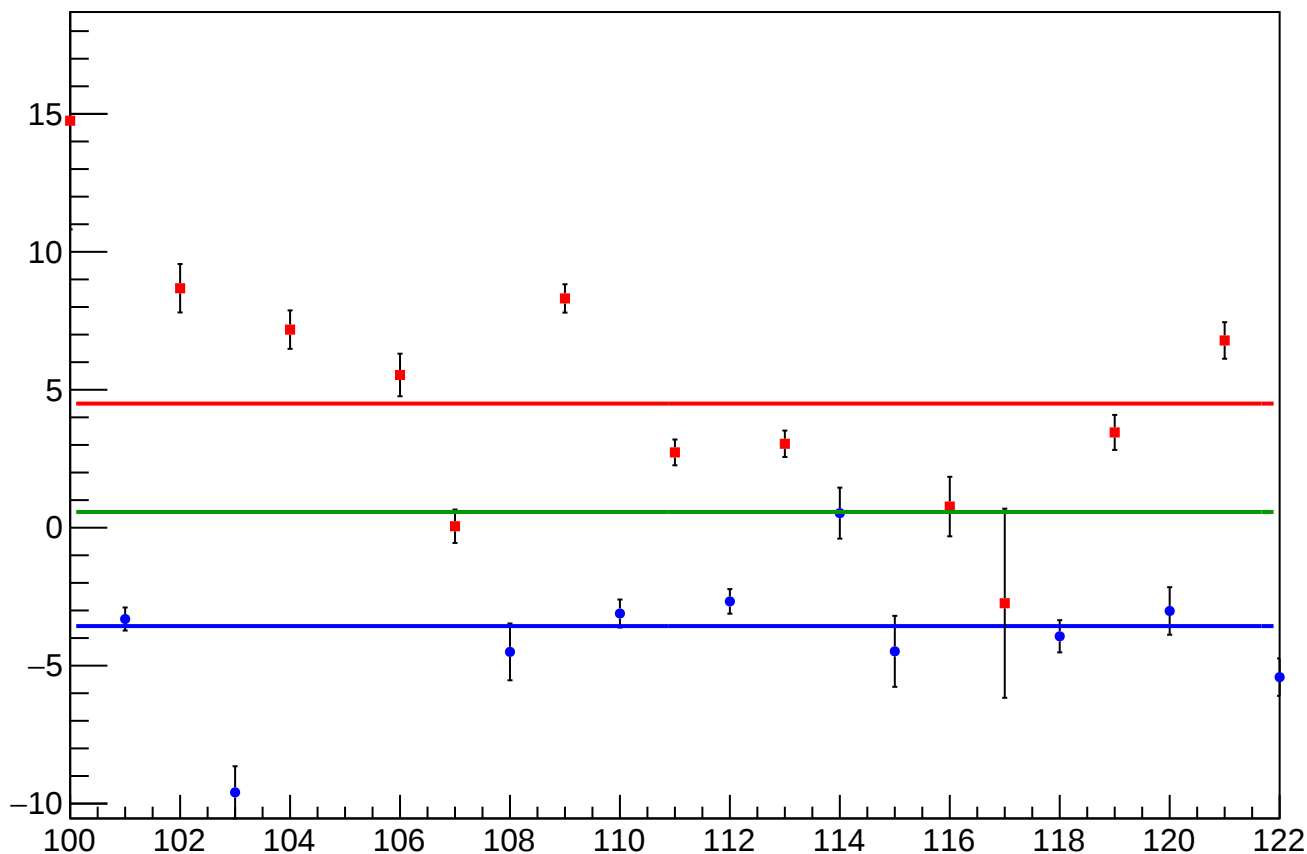
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.690 $\pm$ 0.293 χ^2 /NDF: 994.7/9

1.115 $\pm$ 0.194 χ^2 /NDF: 1868.6/21

-0.128 $\pm$ 0.260 χ^2 /NDF: 822.1/11

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.566+/-0.200 χ^2/NDF : 75.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.499+/-0.195 χ^2/NDF : 209.7/11

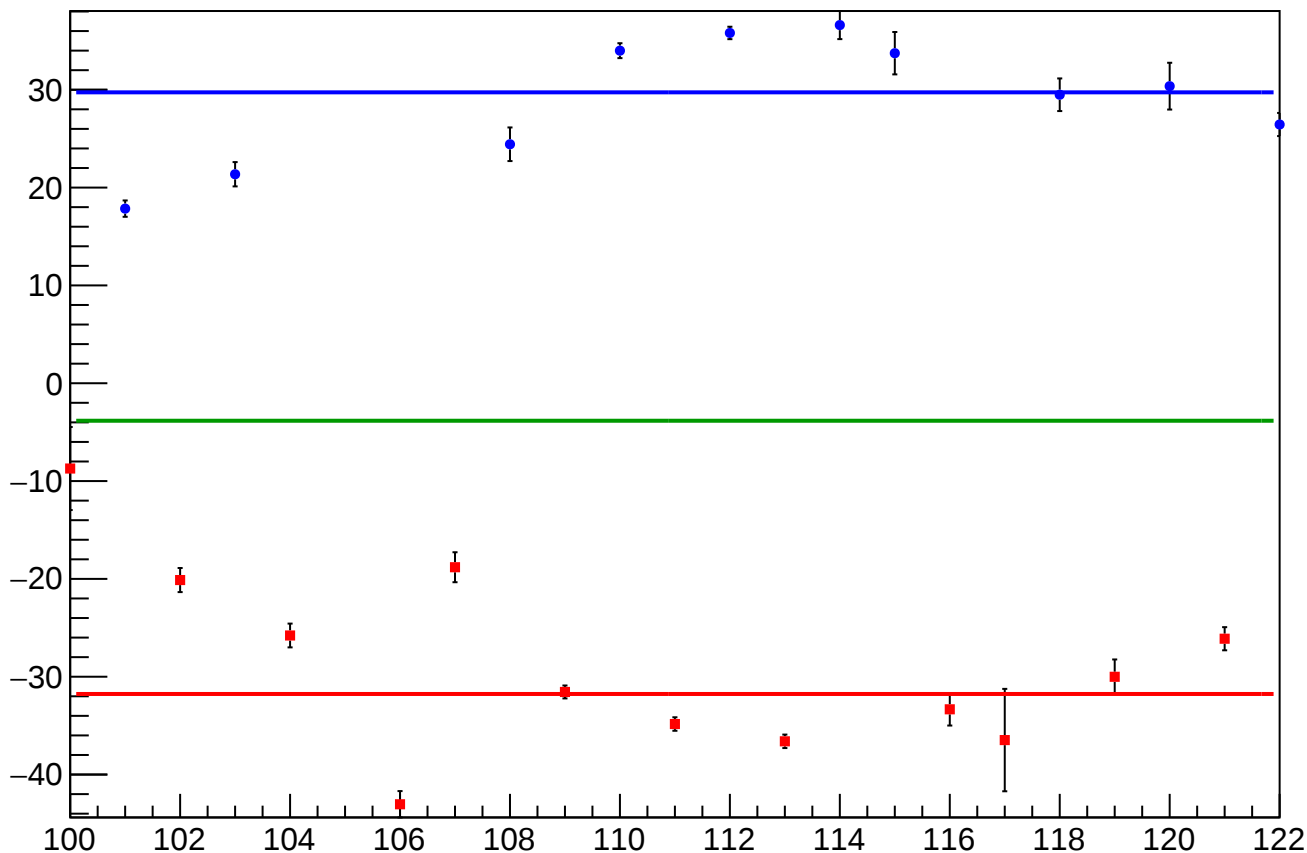
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.566+/-0.200 χ^2/NDF : 75.0/9

0.570+/-0.140 χ^2/NDF : 1117.0/21

4.499+/-0.195 χ^2/NDF : 209.7/11

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.735+/-0.342 χ^2 /NDF: 414.4/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -31.764+/-0.312 χ^2 /NDF: 379.4/11

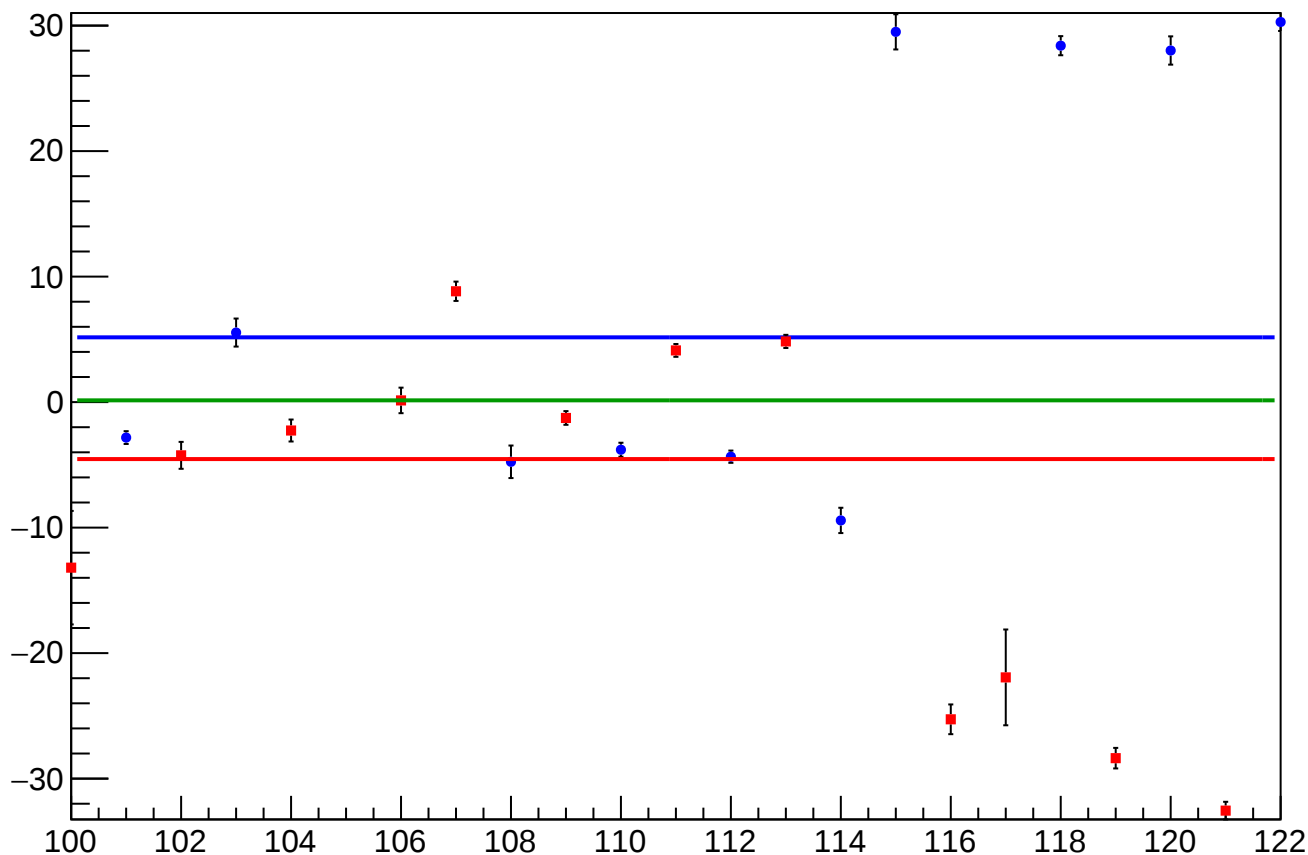
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

29.735+/-0.342 χ^2 /NDF: 414.4/9

-3.834+/-0.230 χ^2 /NDF: 18491.9/21

-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: 5.161+/-0.232 χ^2/NDF : 4031.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.538+/-0.224 χ^2/NDF : 3735.8/11

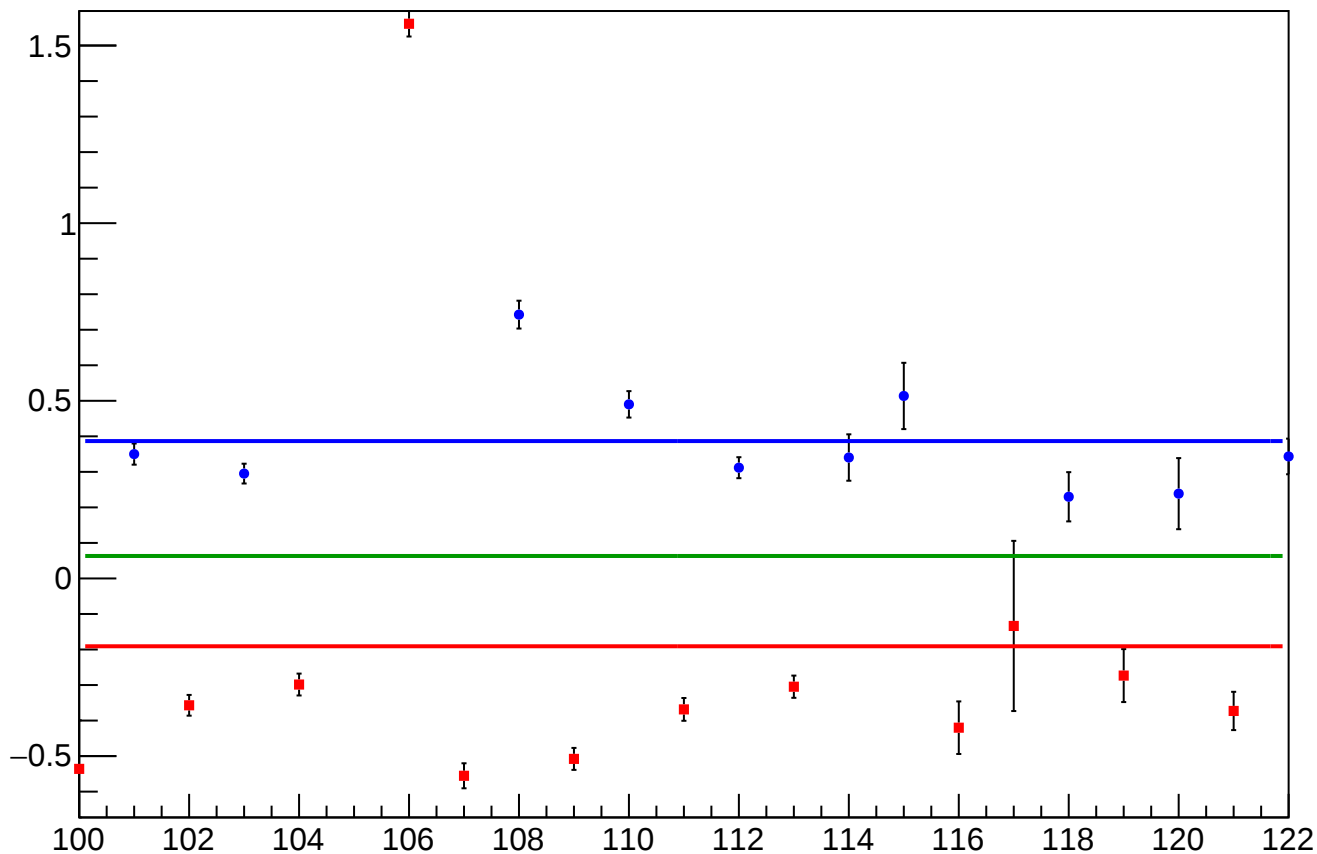
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.161+/-0.232 χ^2/NDF : 4031.5/9

0.141+/-0.161 χ^2/NDF : 8674.9/21

-4.538+/-0.224 χ^2/NDF : 3735.8/11

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.387 $\pm$ 0.013 χ^2 /NDF: 119.3/9

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

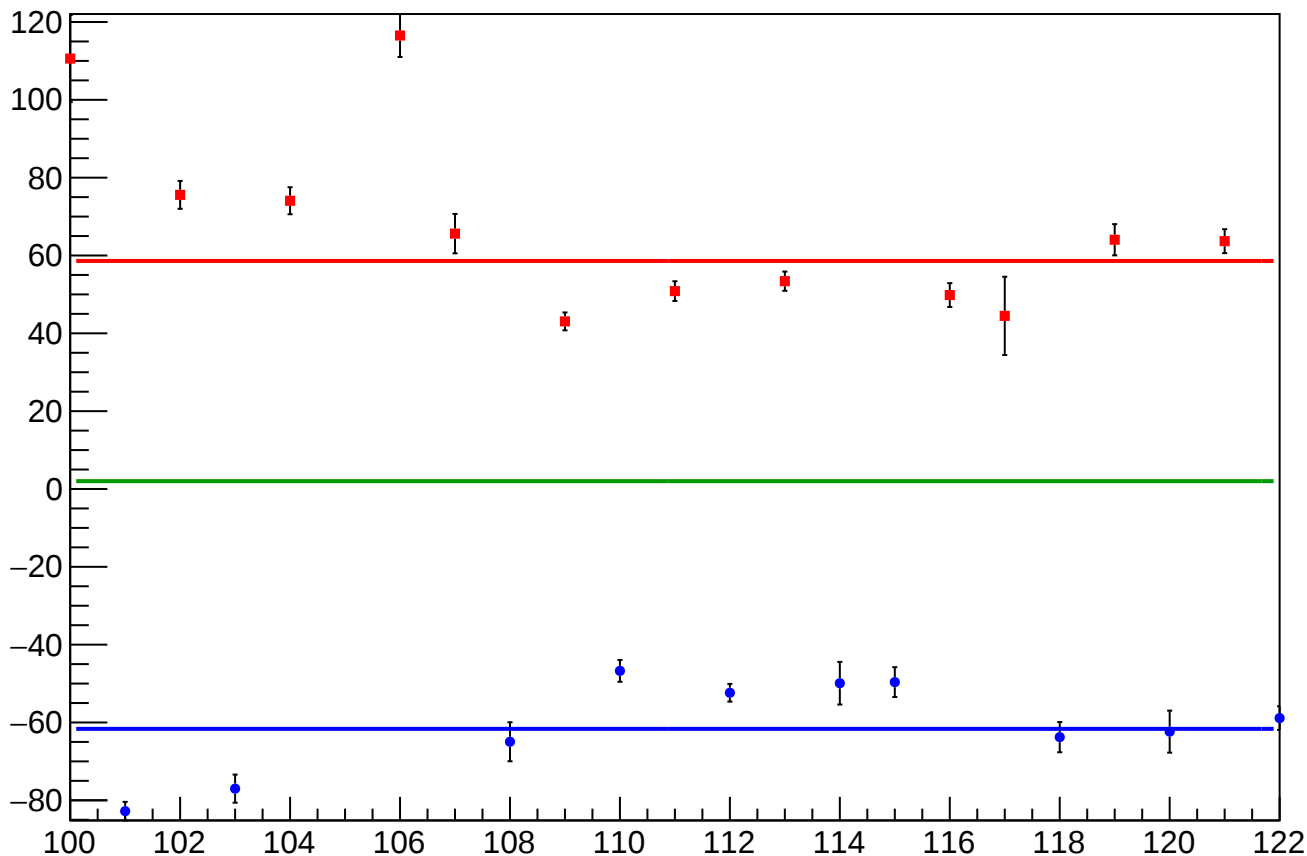
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.387 $\pm$ 0.013 χ^2 /NDF: 119.3/9

0.063 $\pm$ 0.009 χ^2 /NDF: 3951.9/21

-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: -61.638 $\pm$ 1.043 χ^2 /NDF: 157.1/9

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

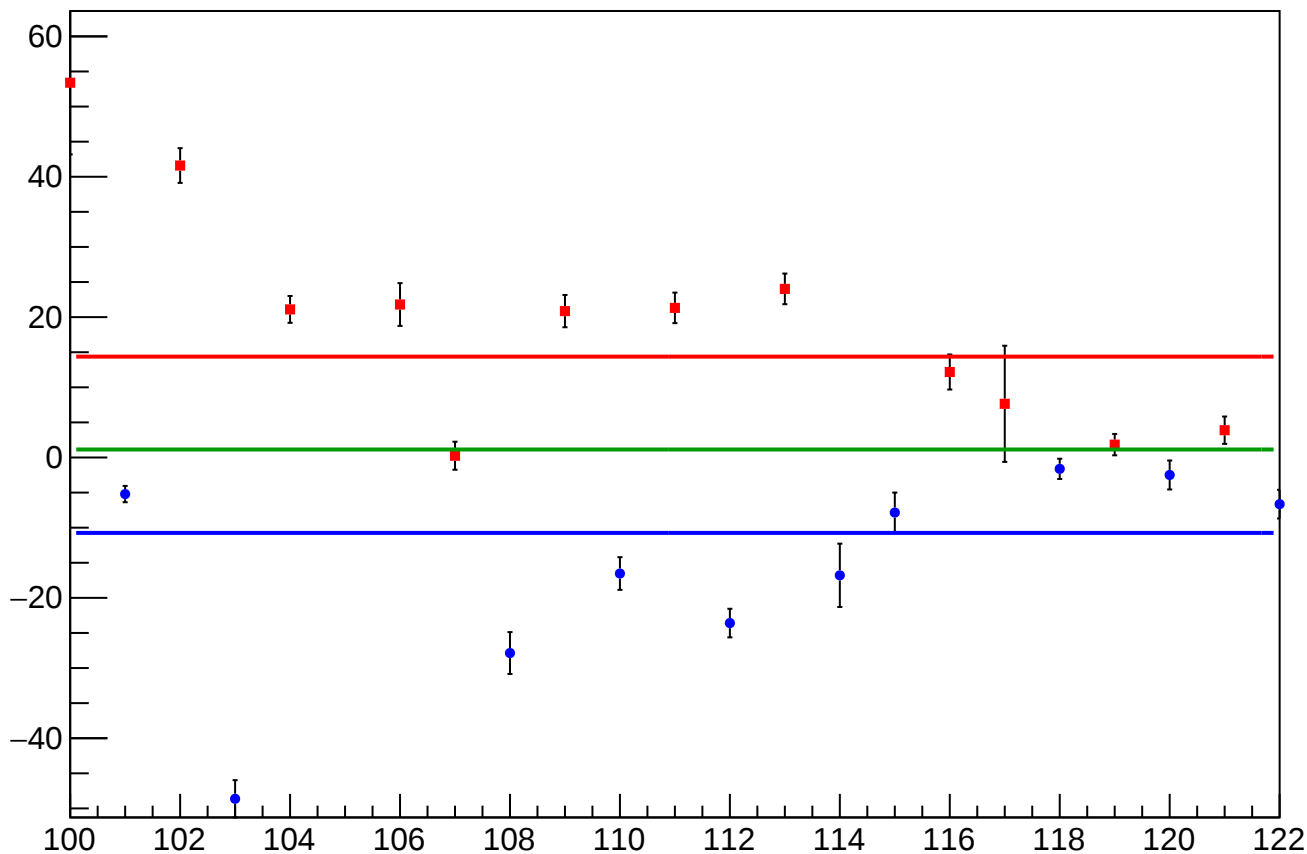
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-61.638 $\pm$ 1.043 χ^2 /NDF: 157.1/9

2.014 $\pm$ 0.715 χ^2 /NDF: 7446.7/21

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: -10.744 ± 0.627 χ^2/NDF : 367.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 14.372 ± 0.661 χ^2/NDF : 340.2/11

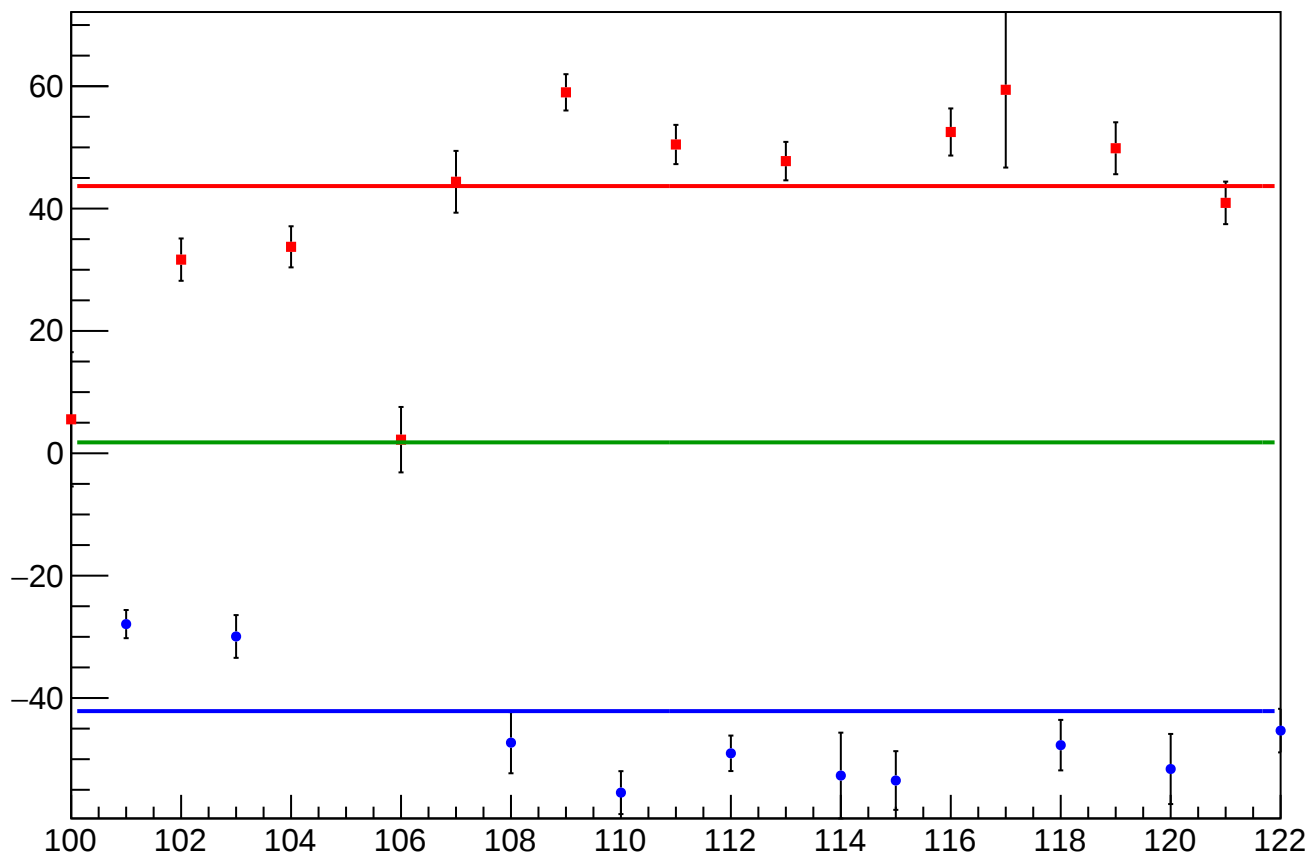
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-10.744 ± 0.627 χ^2/NDF : 367.7/9

1.140 ± 0.455 χ^2/NDF : 1467.9/21

14.372 ± 0.661 χ^2/NDF : 340.2/11

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -42.140 ± 1.160 χ^2/NDF : 84.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 43.679 ± 1.133 χ^2/NDF : 135.4/11

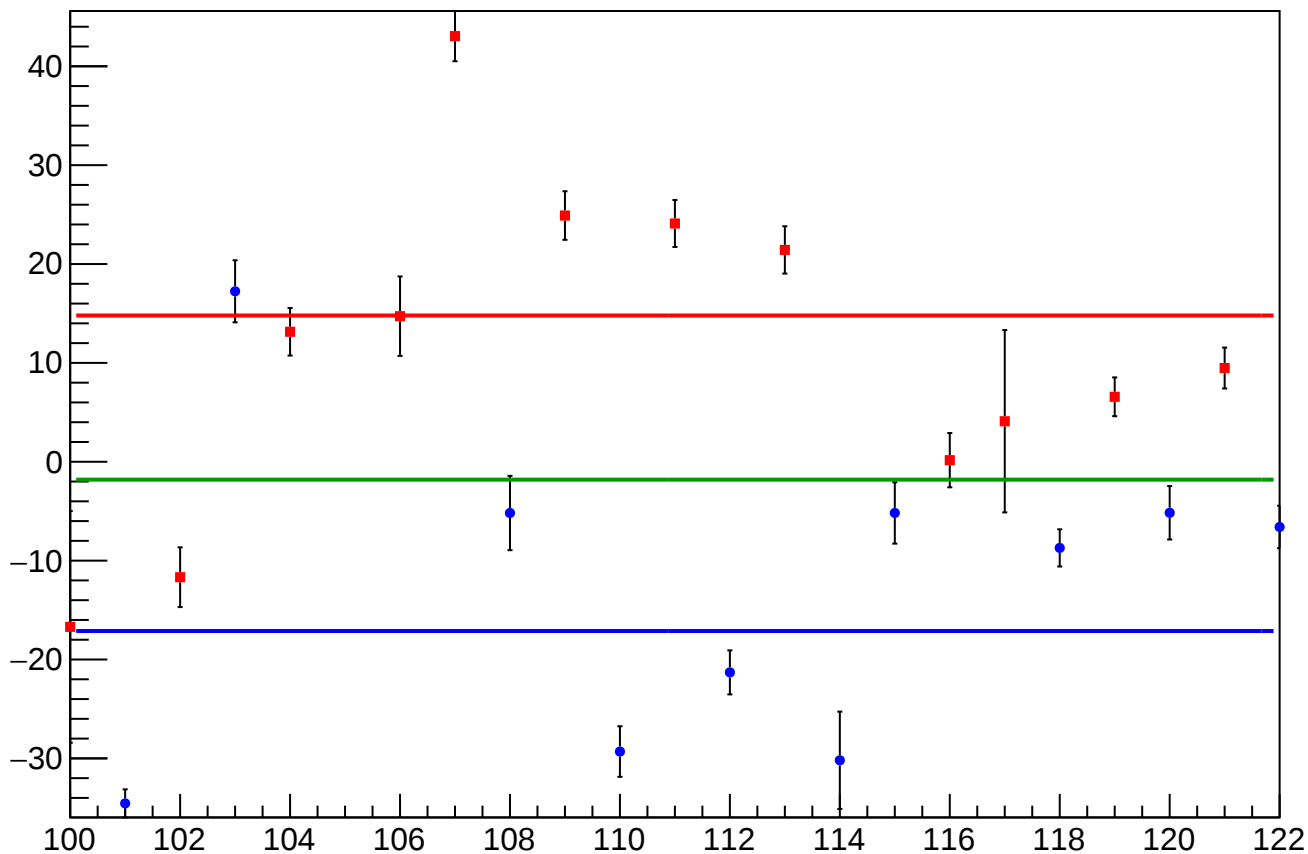
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-42.140 ± 1.160 χ^2/NDF : 84.7/9

1.785 ± 0.811 χ^2/NDF : 3019.5/21

43.679 ± 1.133 χ^2/NDF : 135.4/11

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -17.118 $\pm$ 0.745 χ^2 /NDF: 392.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.794 $\pm$ 0.776 χ^2 /NDF: 302.3/11

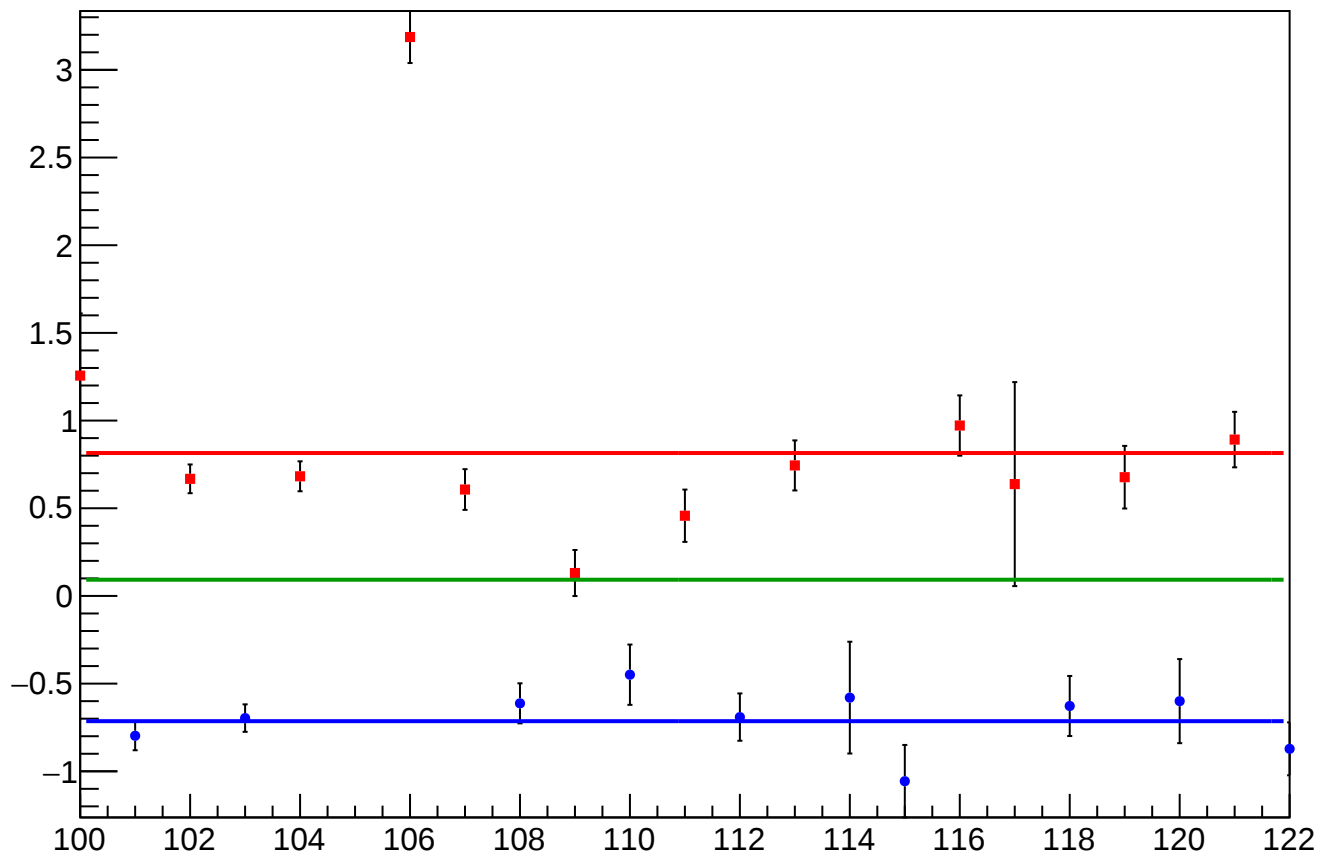
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-17.118 $\pm$ 0.745 χ^2 /NDF: 392.1/9

-1.808 $\pm$ 0.537 χ^2 /NDF: 1575.3/21

14.794 $\pm$ 0.776 χ^2 /NDF: 302.3/11

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.714 ± 0.041 χ^2/NDF : 8.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.815 ± 0.039 χ^2/NDF : 301.1/11

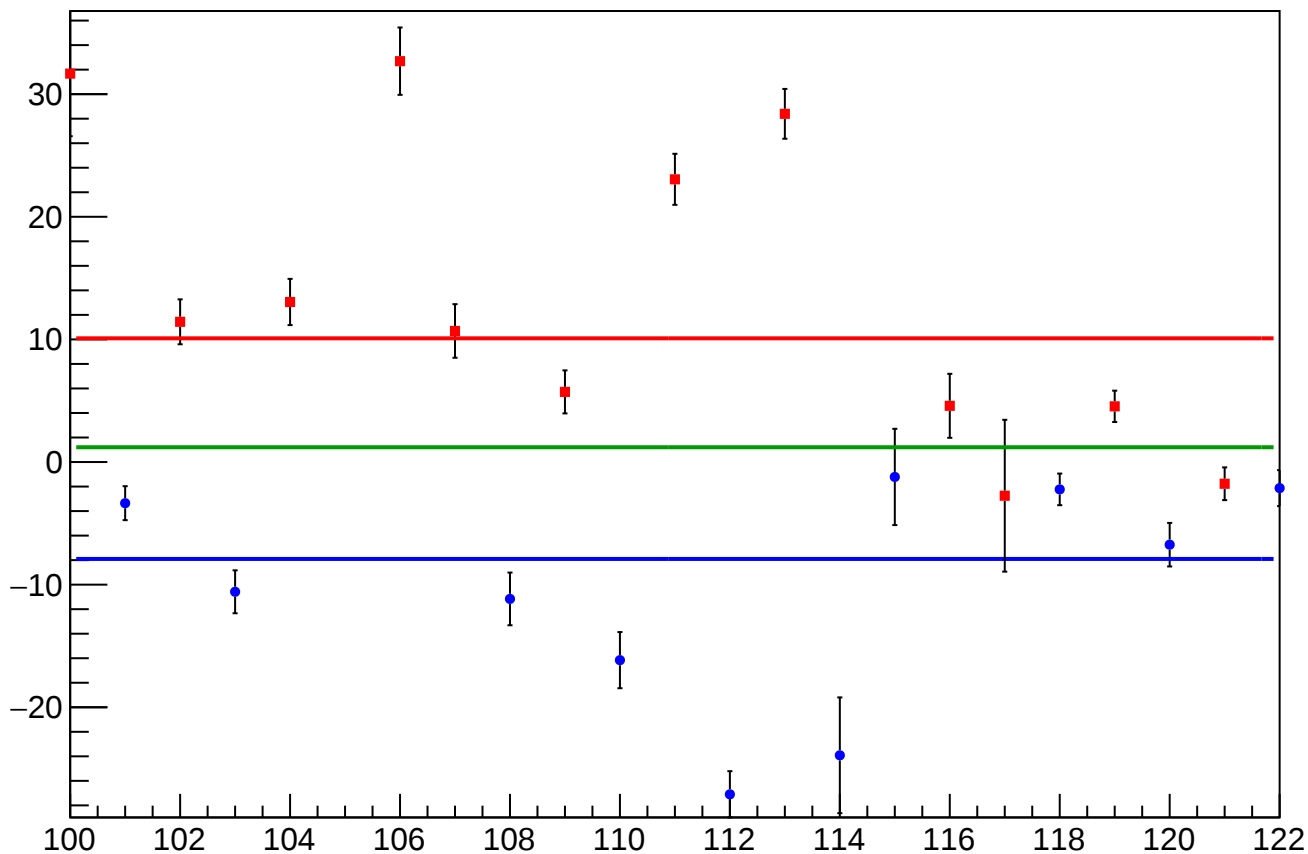
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.714 ± 0.041 χ^2/NDF : 8.8/9

0.092 ± 0.028 χ^2/NDF : 1054.6/21

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: -7.902 $\pm$ 0.575 χ^2/NDF : 181.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 10.089 $\pm$ 0.568 χ^2/NDF : 321.5/11

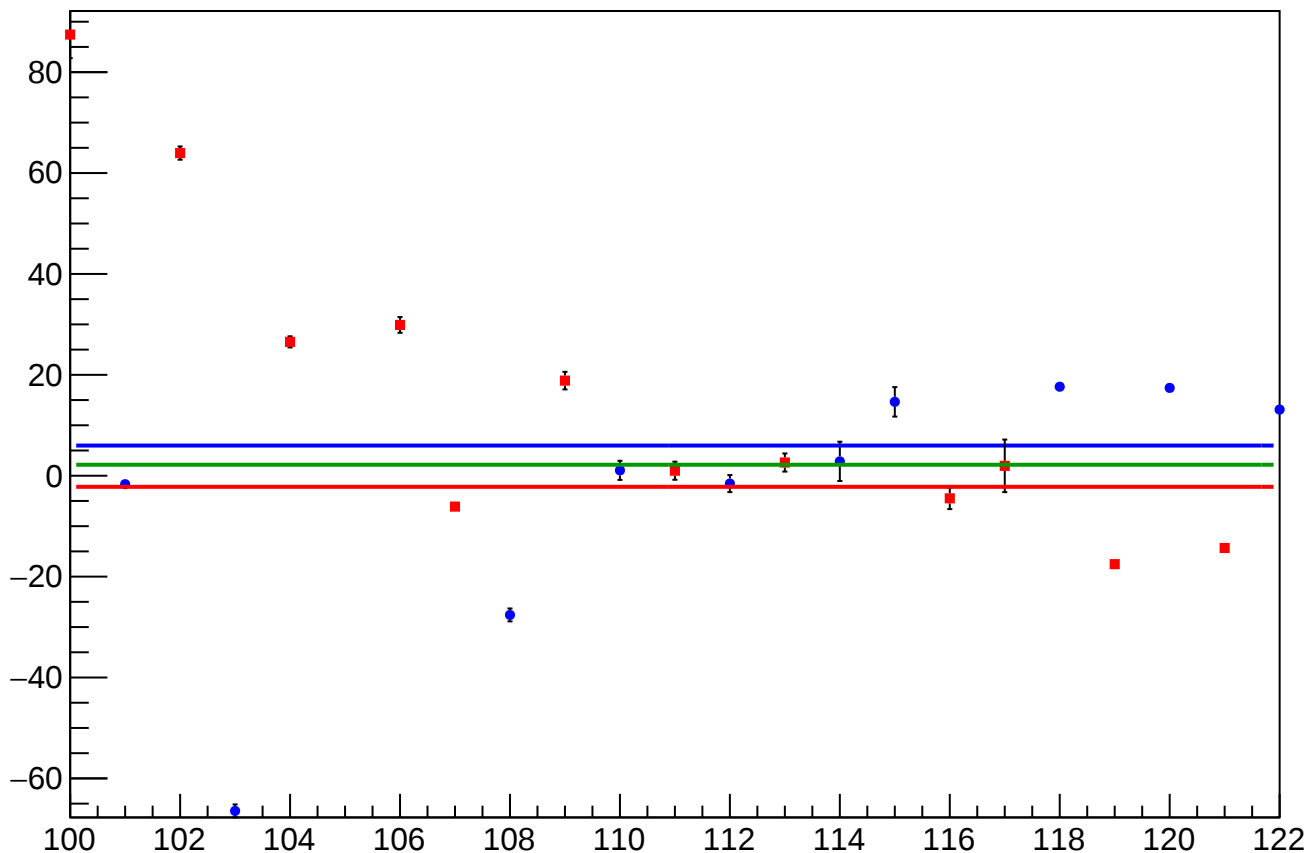
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-7.902 $\pm$ 0.575 χ^2/NDF : 181.6/9

1.205 $\pm$ 0.404 χ^2/NDF : 999.1/21

10.089 $\pm$ 0.568 χ^2/NDF : 321.5/11

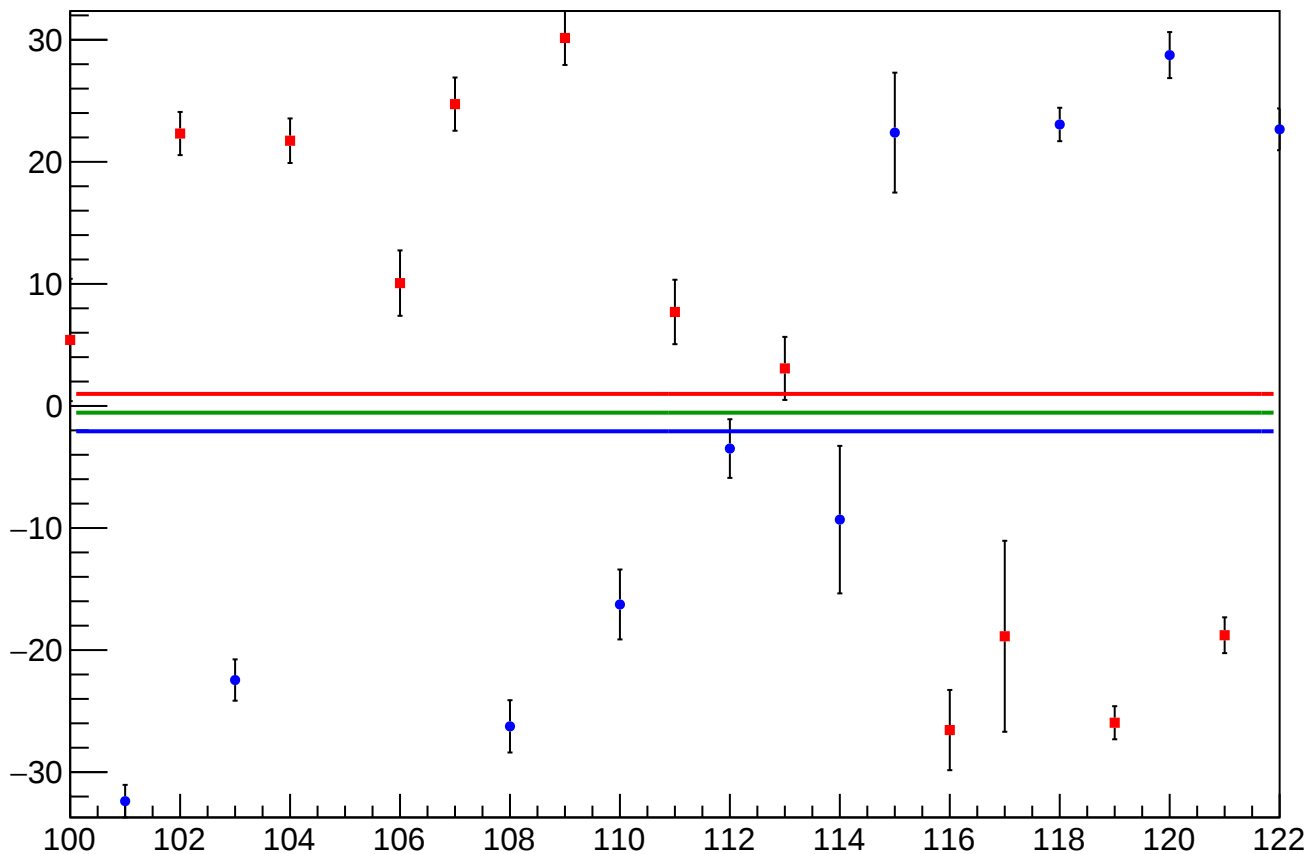
reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.984 ± 0.293 $\chi^2/\text{NDF}: 4908.6/9$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -2.198 ± 0.314 $\chi^2/\text{NDF}: 5418.2/11$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

5.984 ± 0.293 $\chi^2/\text{NDF}: 4908.6/9$
 2.175 ± 0.214 $\chi^2/\text{NDF}: 10689.3/21$
 -2.198 ± 0.314 $\chi^2/\text{NDF}: 5418.2/11$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075+/-0.614 χ^2/NDF : 1652.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.989+/-0.617 χ^2/NDF : 1240.0/11

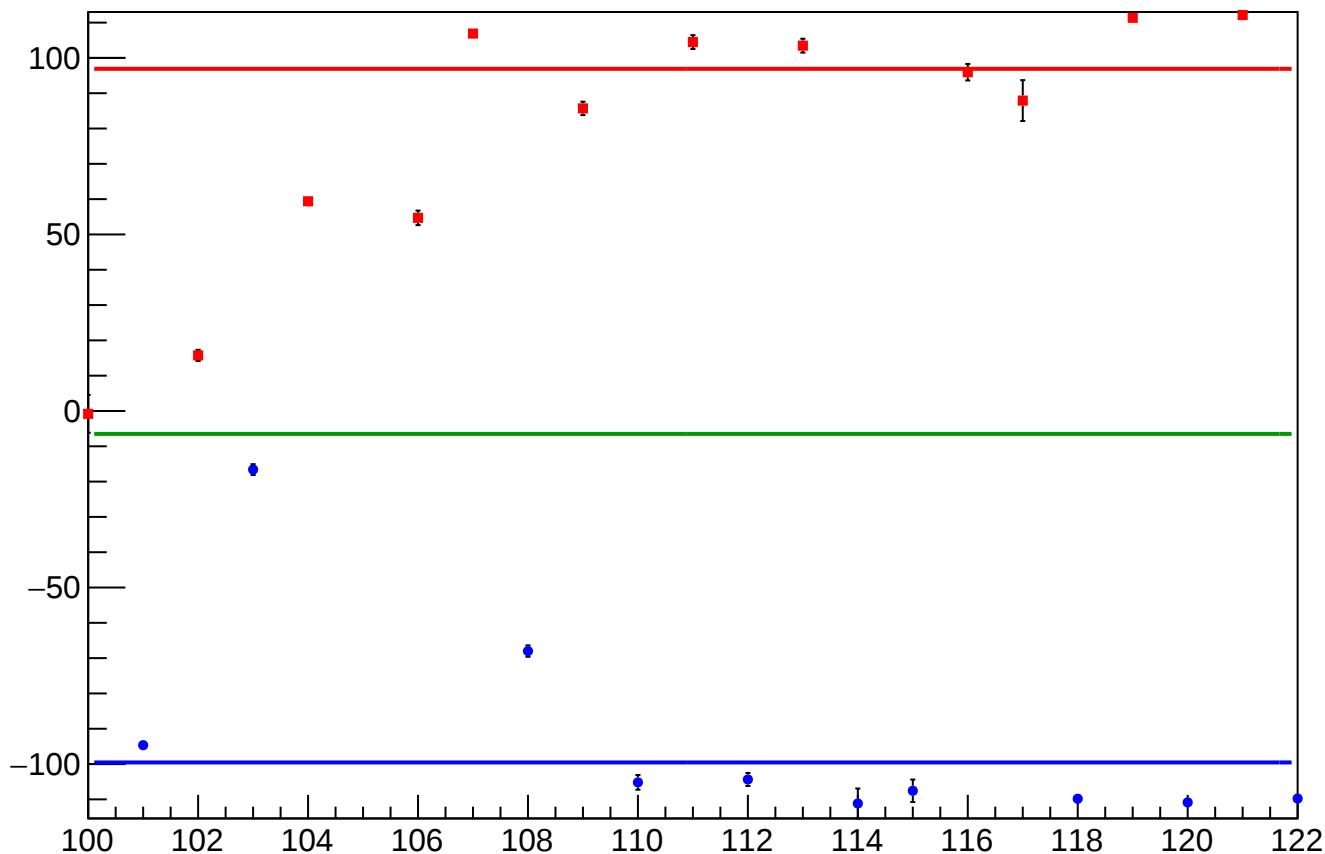
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.075+/-0.614 χ^2/NDF : 1652.4/9

-0.550+/-0.435 χ^2/NDF : 2904.8/21

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: -99.545 $\pm$ 0.362 χ^2 /NDF: 3925.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 96.909 $\pm$ 0.381 χ^2 /NDF: 5091.1/11

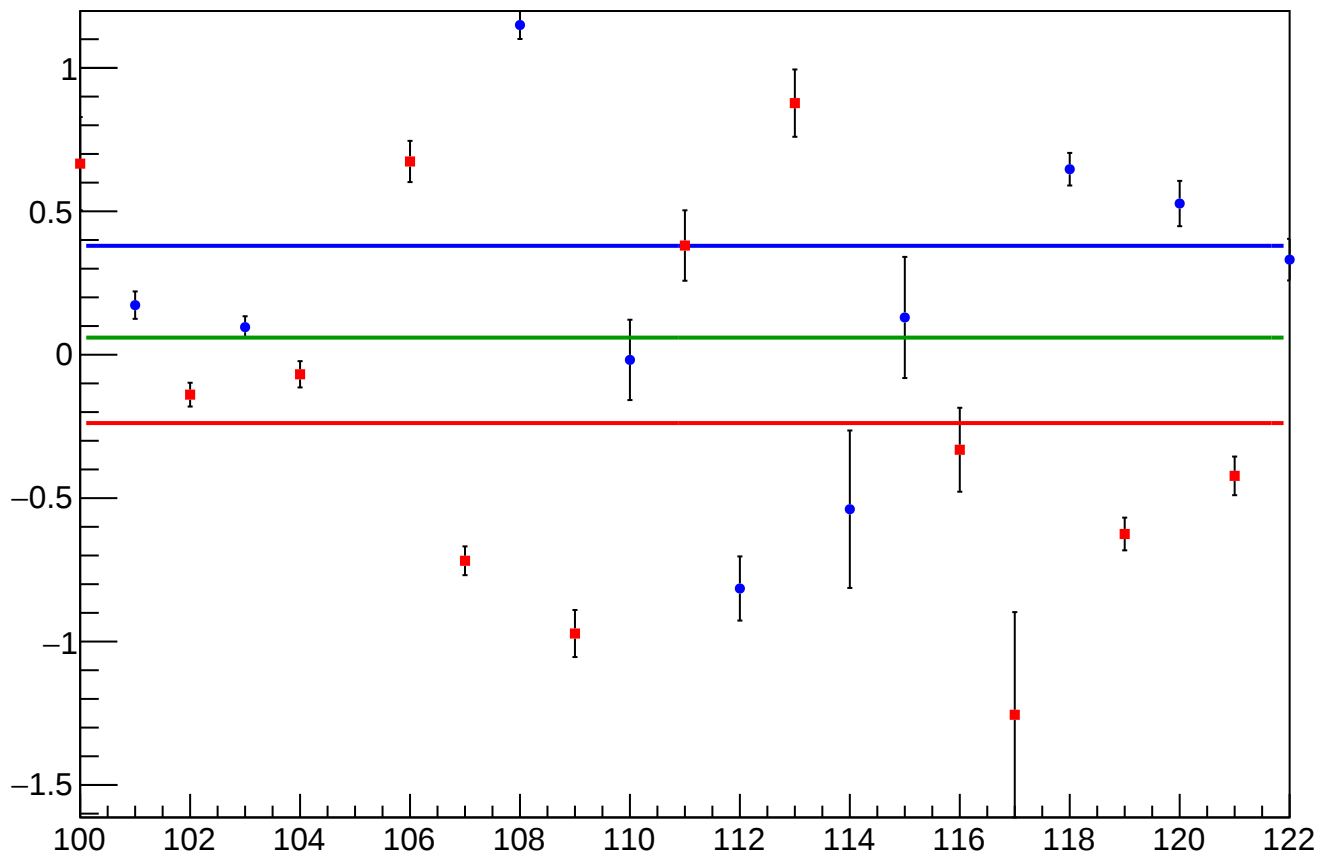
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-99.545 $\pm$ 0.362 χ^2 /NDF: 3925.0/9

-6.487 $\pm$ 0.262 χ^2 /NDF: 148782.0/21

96.909 $\pm$ 0.381 χ^2 /NDF: 5091.1/11

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.380 $\pm$ 0.021 χ^2 /NDF: 484.4/9

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

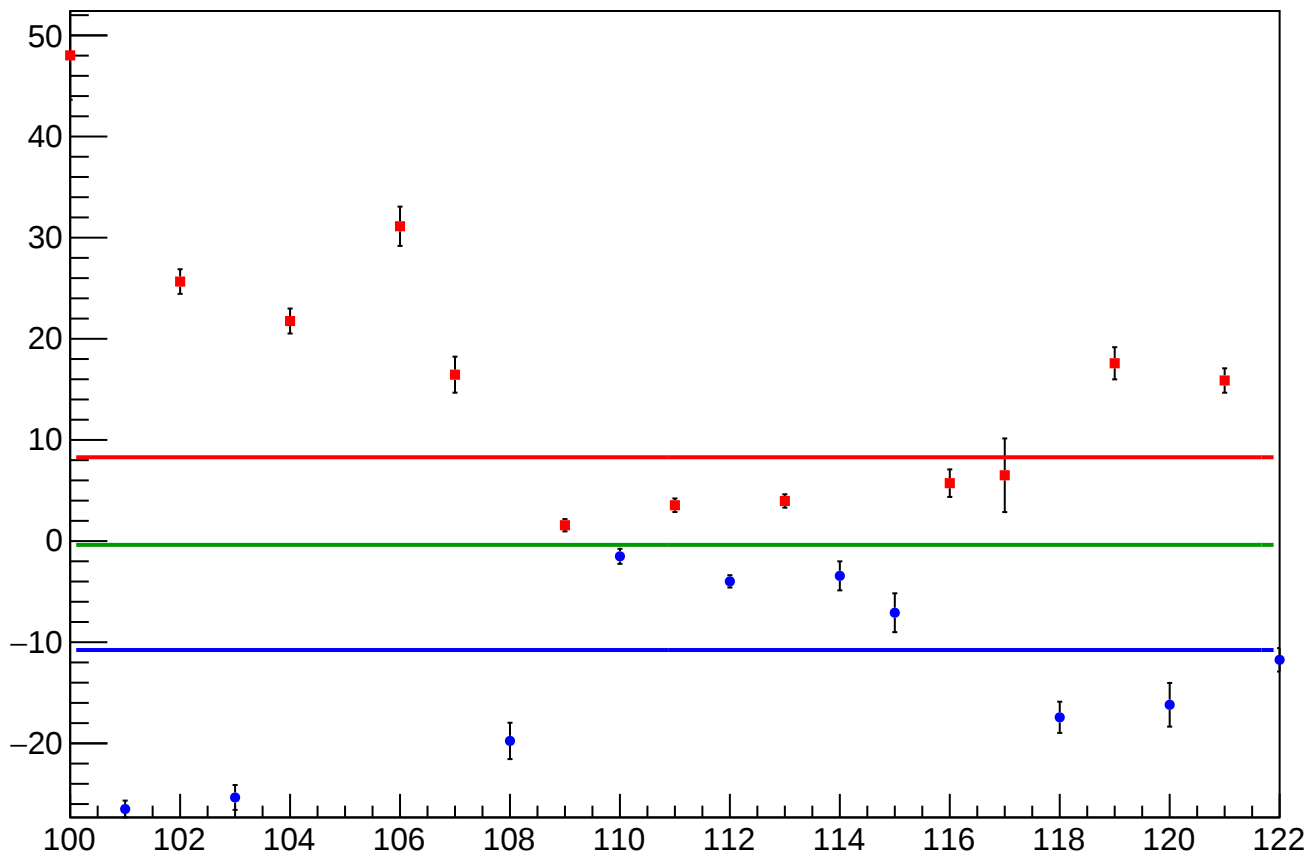
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.380 $\pm$ 0.021 χ^2 /NDF: 484.4/9

0.060 $\pm$ 0.014 χ^2 /NDF: 1515.9/21

-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: -10.771 ± 0.332 χ^2/NDF : 857.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 8.287 ± 0.303 χ^2/NDF : 856.7/11

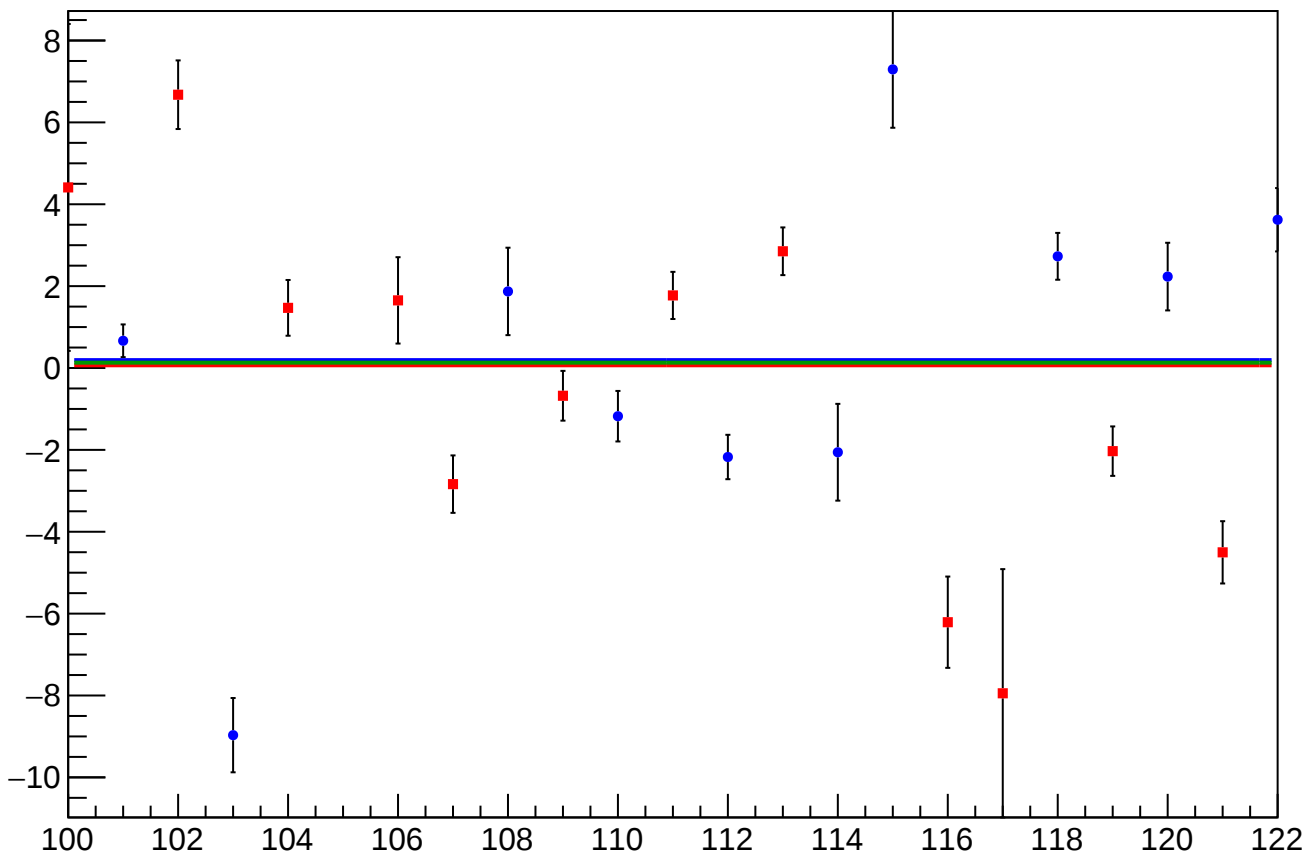
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-10.771 ± 0.332 χ^2/NDF : 857.4/9

-0.375 ± 0.224 χ^2/NDF : 3511.5/21

8.287 ± 0.303 χ^2/NDF : 856.7/11

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.193+/-0.214 χ^2/NDF : 203.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.066+/-0.220 χ^2/NDF : 206.9/11

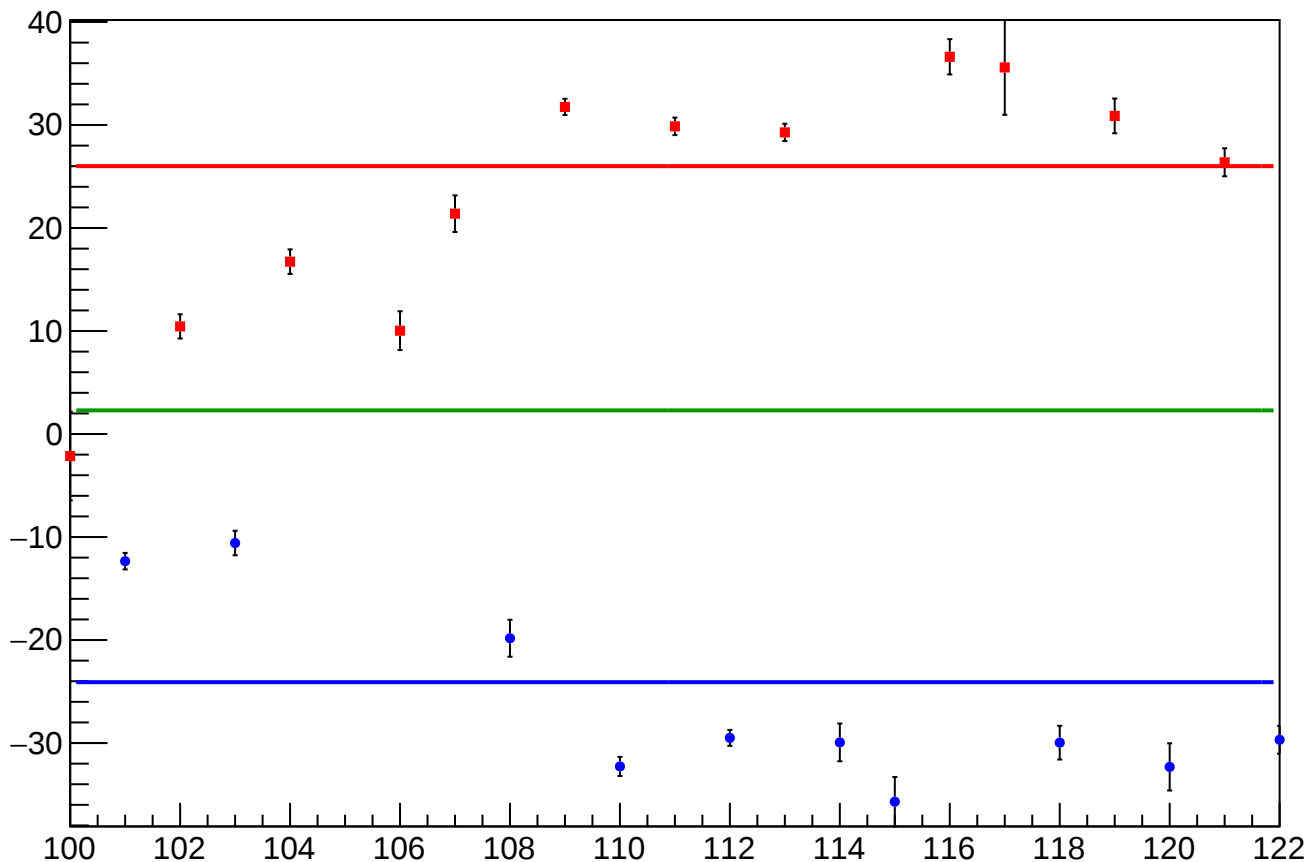
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.193+/-0.214 χ^2/NDF : 203.6/9

0.131+/-0.154 χ^2/NDF : 410.7/21

0.066+/-0.220 χ^2/NDF : 206.9/11

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -24.091+/-0.378 χ^2/NDF : 551.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.004+/-0.359 χ^2/NDF : 497.5/11

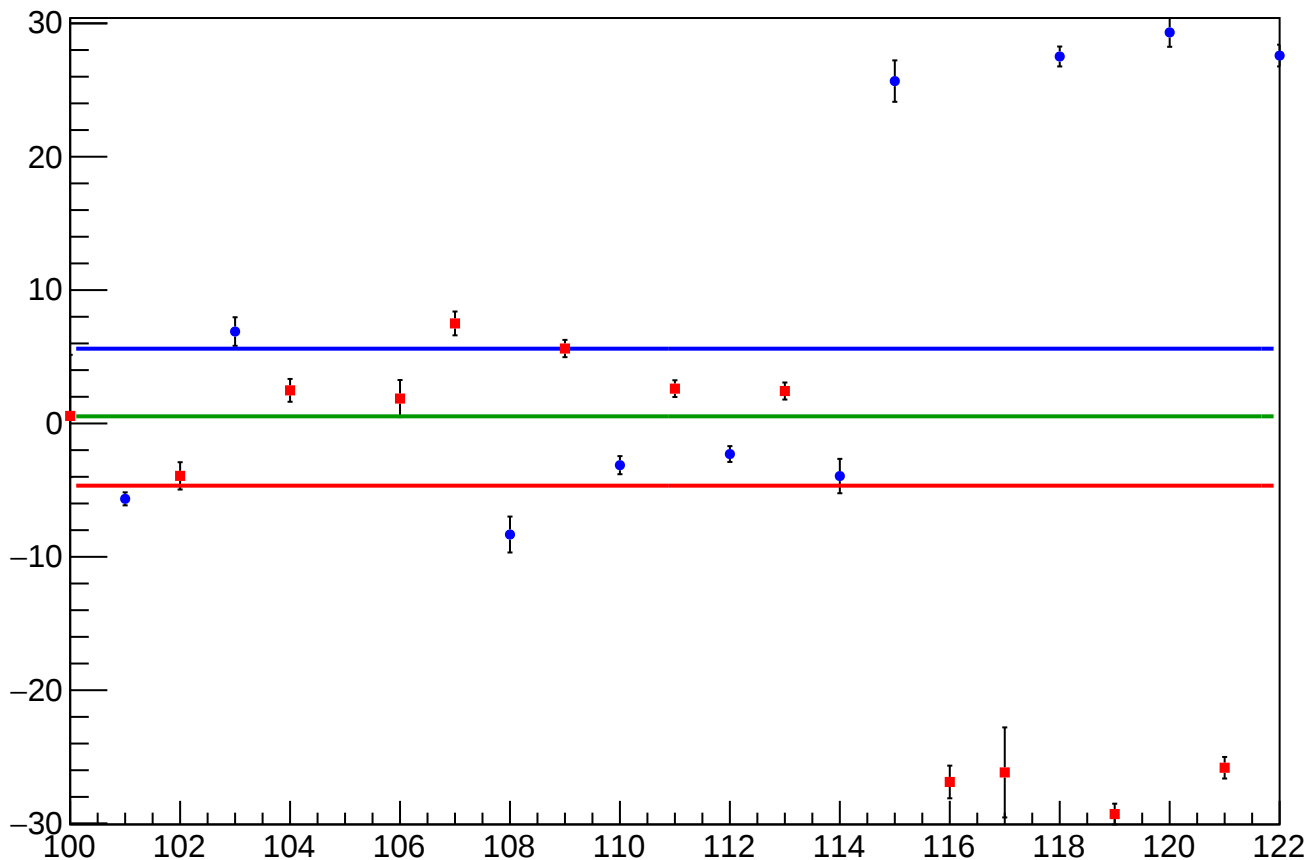
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-24.091+/-0.378 χ^2/NDF : 551.8/9

2.295+/-0.260 χ^2/NDF : 10285.8/21

26.004+/-0.359 χ^2/NDF : 497.5/11

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.607 $\pm$ 0.251 χ^2 /NDF: 3277.5/9

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

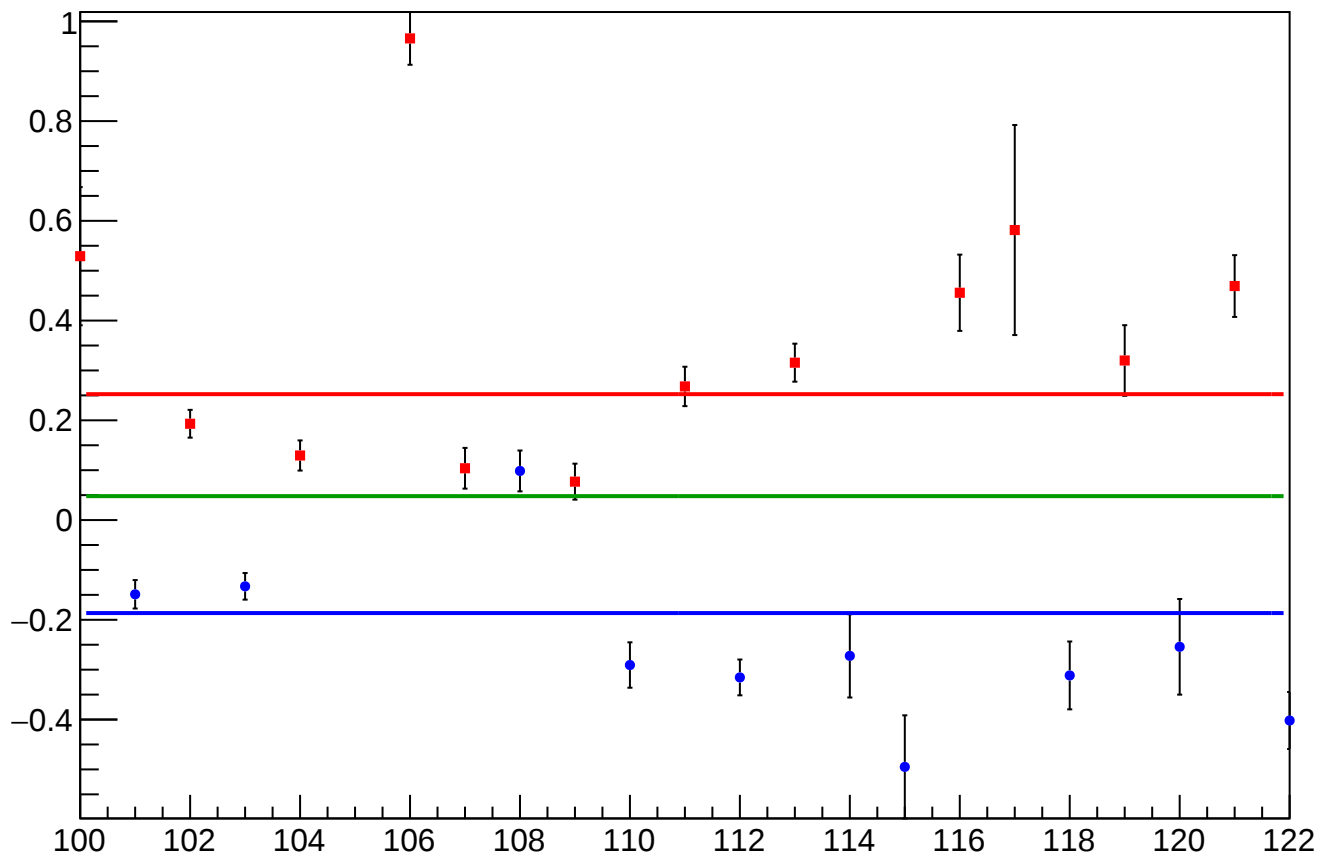
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

5.607 $\pm$ 0.251 χ^2 /NDF: 3277.5/9

0.535 $\pm$ 0.179 χ^2 /NDF: 6944.0/21

-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: -0.186+/-0.014 χ^2/NDF : 100.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.252+/-0.013 χ^2/NDF : 269.5/11

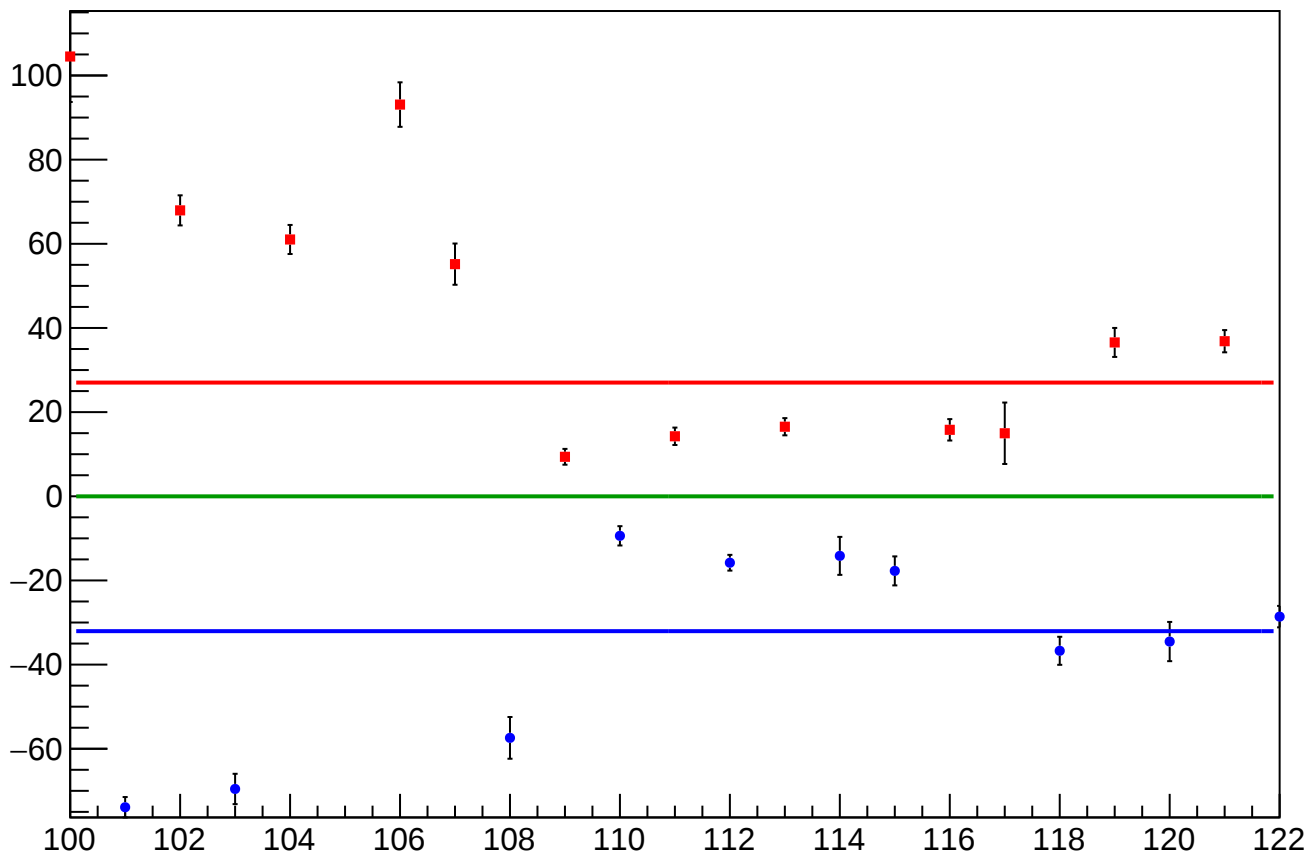
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.186+/-0.014 χ^2/NDF : 100.5/9

0.048+/-0.009 χ^2/NDF : 921.4/21

0.252+/-0.013 χ^2/NDF : 269.5/11

reg_asym_sam_2468_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -32.051 $\pm$ 0.918 χ^2 /NDF: 641.8/9

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

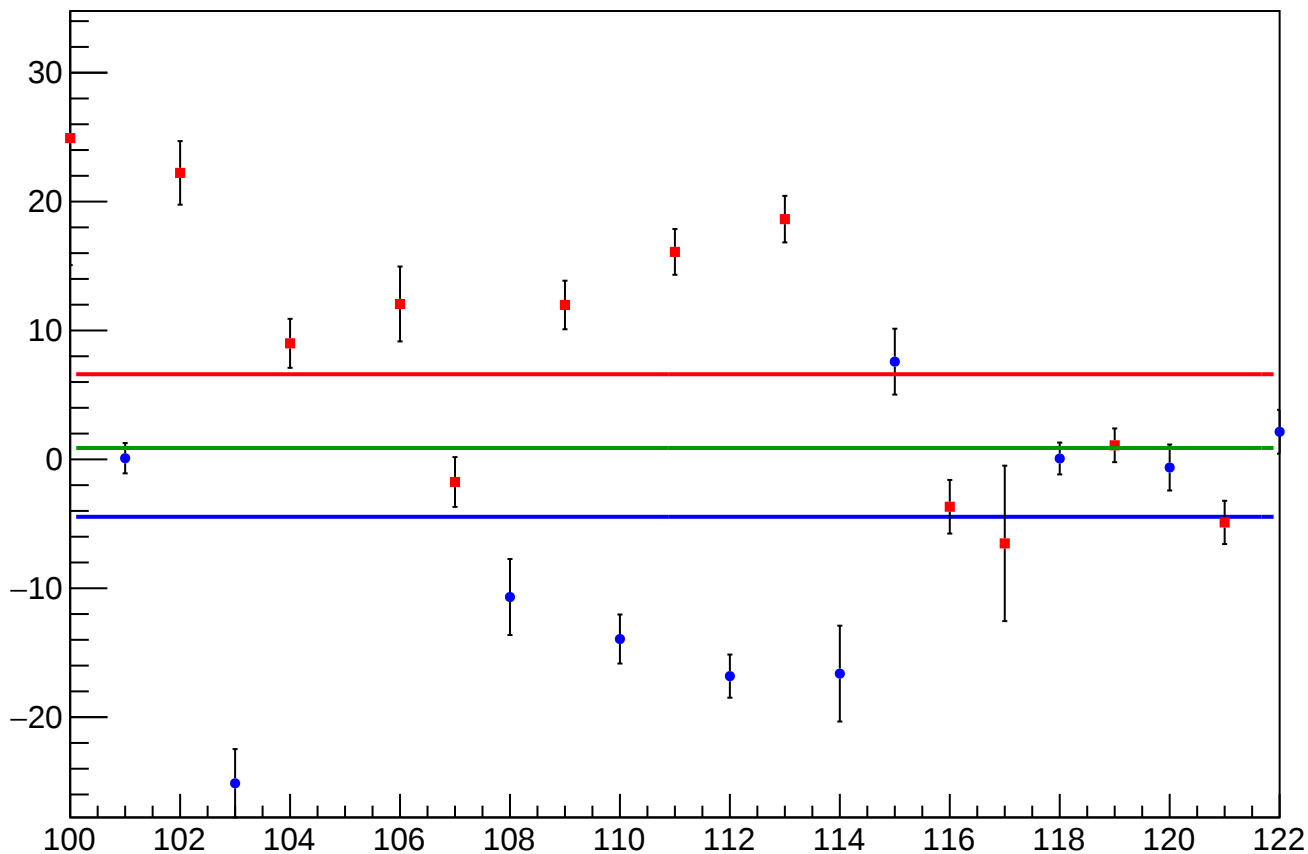
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-32.051 $\pm$ 0.918 χ^2 /NDF: 641.8/9

-0.016 $\pm$ 0.621 χ^2 /NDF: 3551.4/21

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: -4.455+/-0.563 χ^2/NDF : 225.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.605+/-0.583 χ^2/NDF : 242.4/11

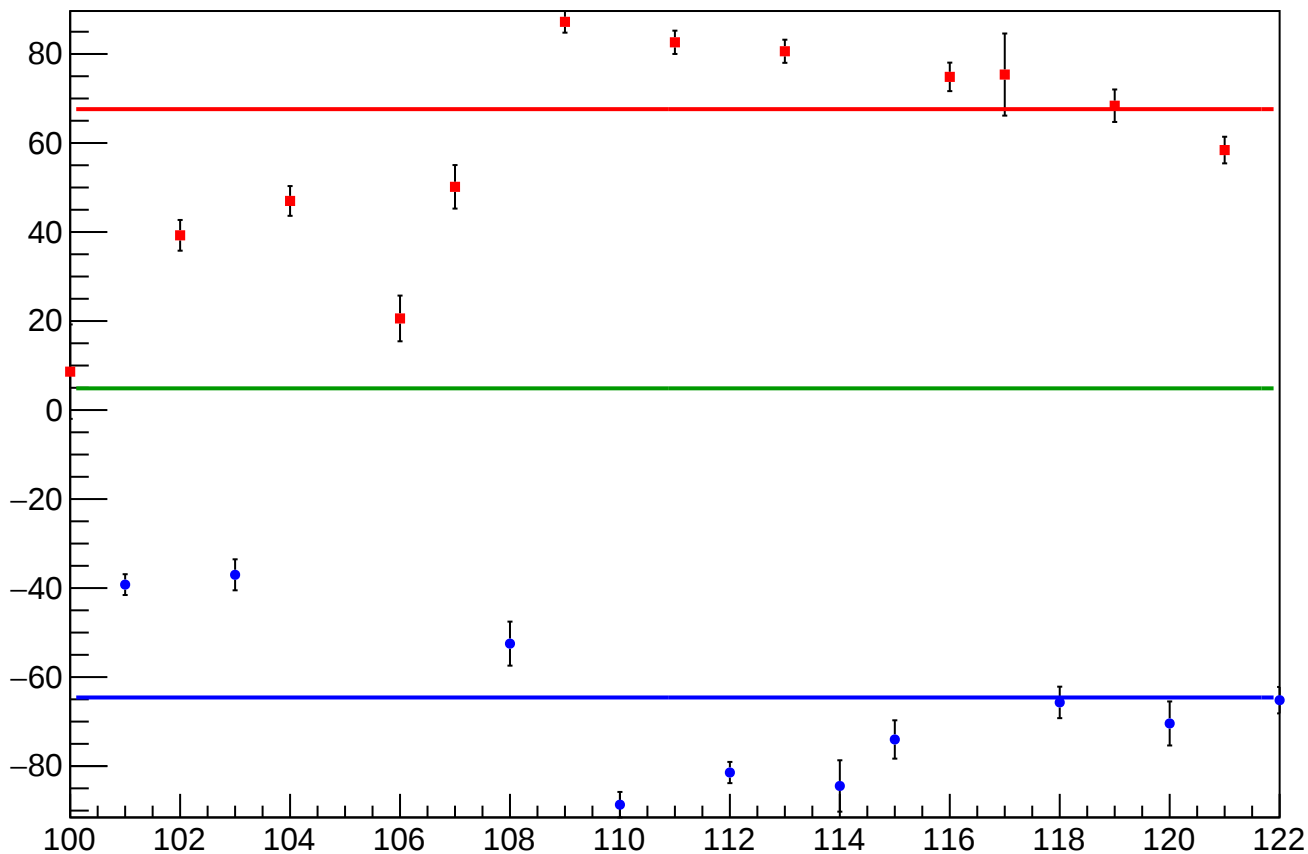
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.455+/-0.563 χ^2/NDF : 225.6/9

0.881+/-0.405 χ^2/NDF : 654.2/21

6.605+/-0.583 χ^2/NDF : 242.4/11

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -64.582+/-1.041 χ^2/NDF : 325.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.607+/-0.990 χ^2/NDF : 371.3/11

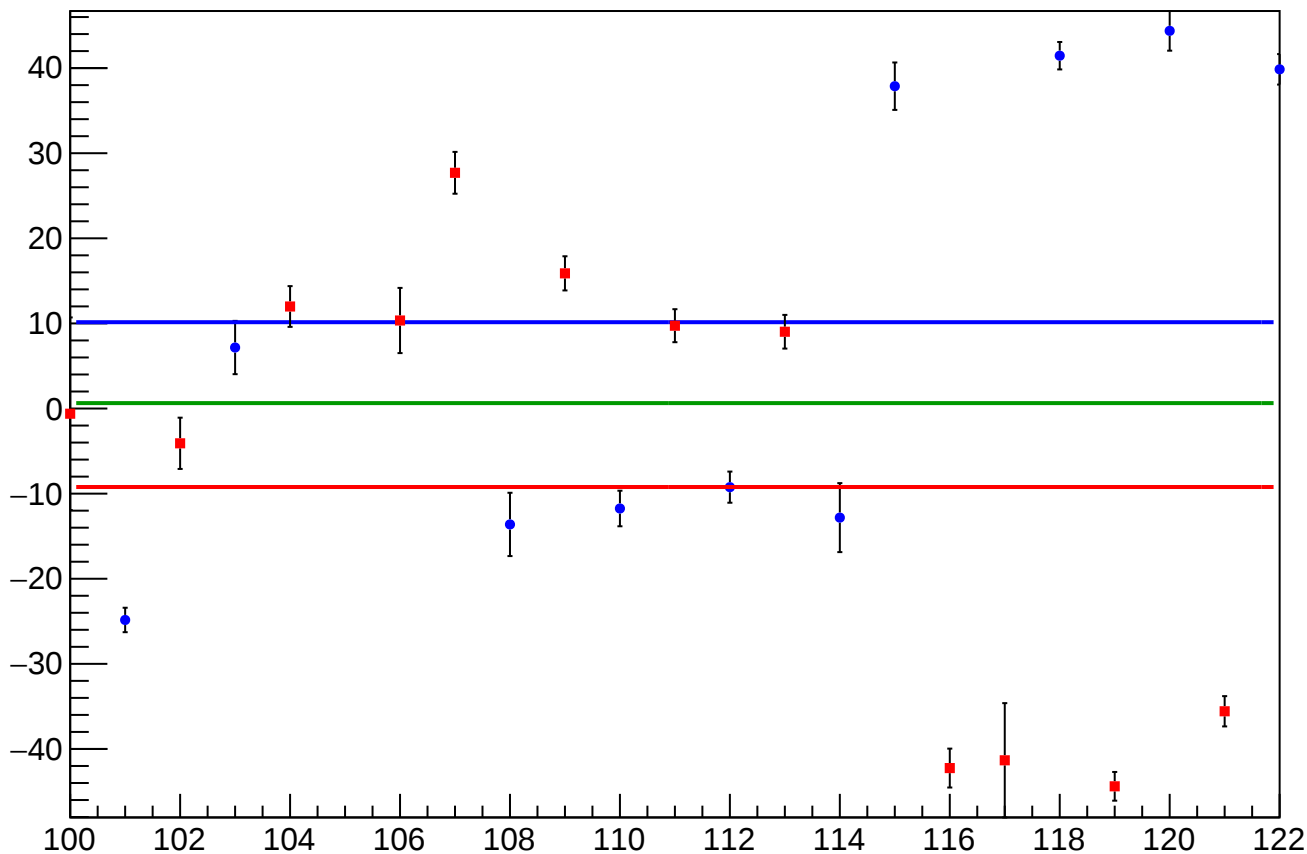
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-64.582+/-1.041 χ^2/NDF : 325.1/9

4.874+/-0.717 χ^2/NDF : 9163.4/21

67.607+/-0.990 χ^2/NDF : 371.3/11

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.144+/-0.666 χ^2/NDF : 1856.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.221+/-0.678 χ^2/NDF : 1556.3/11

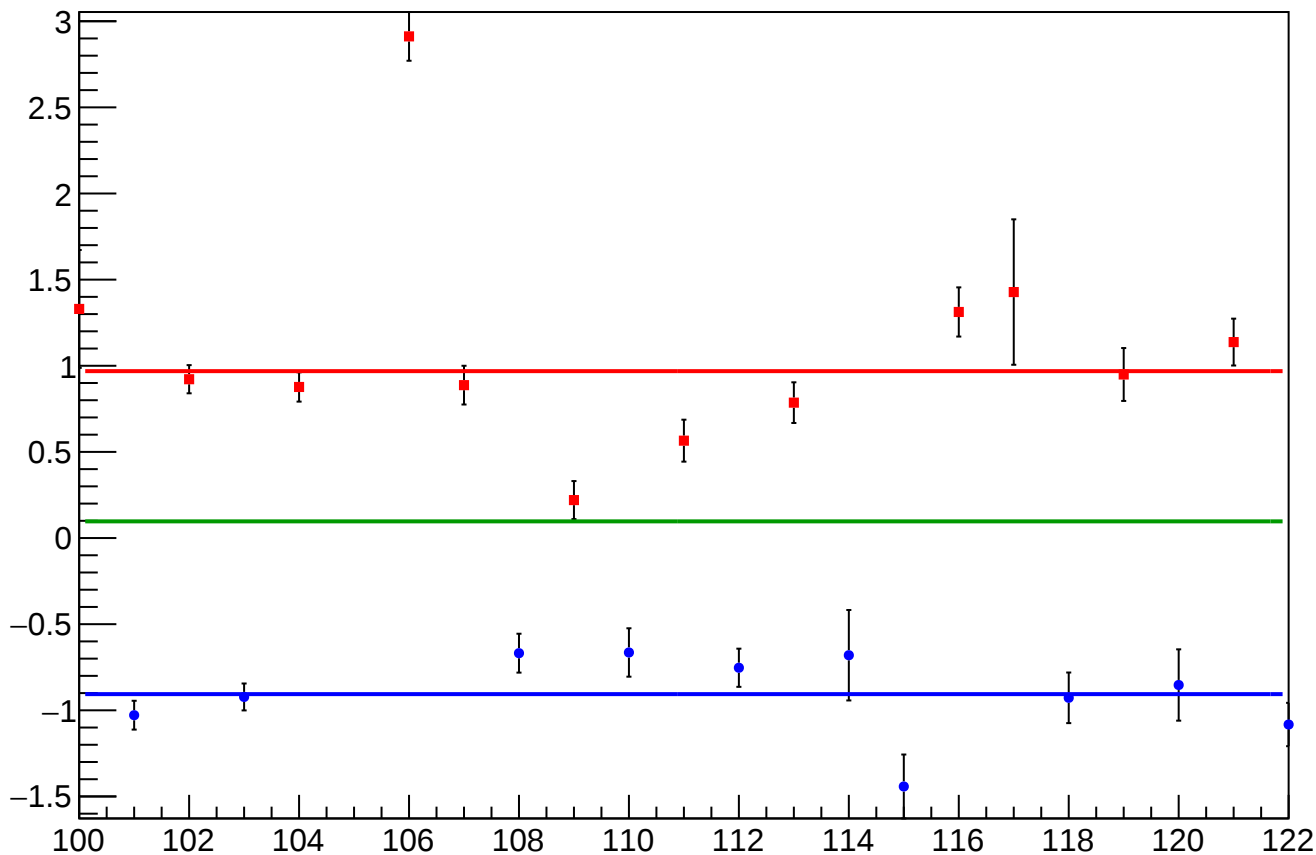
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.144+/-0.666 χ^2/NDF : 1856.5/9

0.637+/-0.475 χ^2/NDF : 3828.4/21

-9.221+/-0.678 χ^2/NDF : 1556.3/11

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.906 ± 0.038 χ^2/NDF : 22.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.969 ± 0.035 χ^2/NDF : 259.7/11

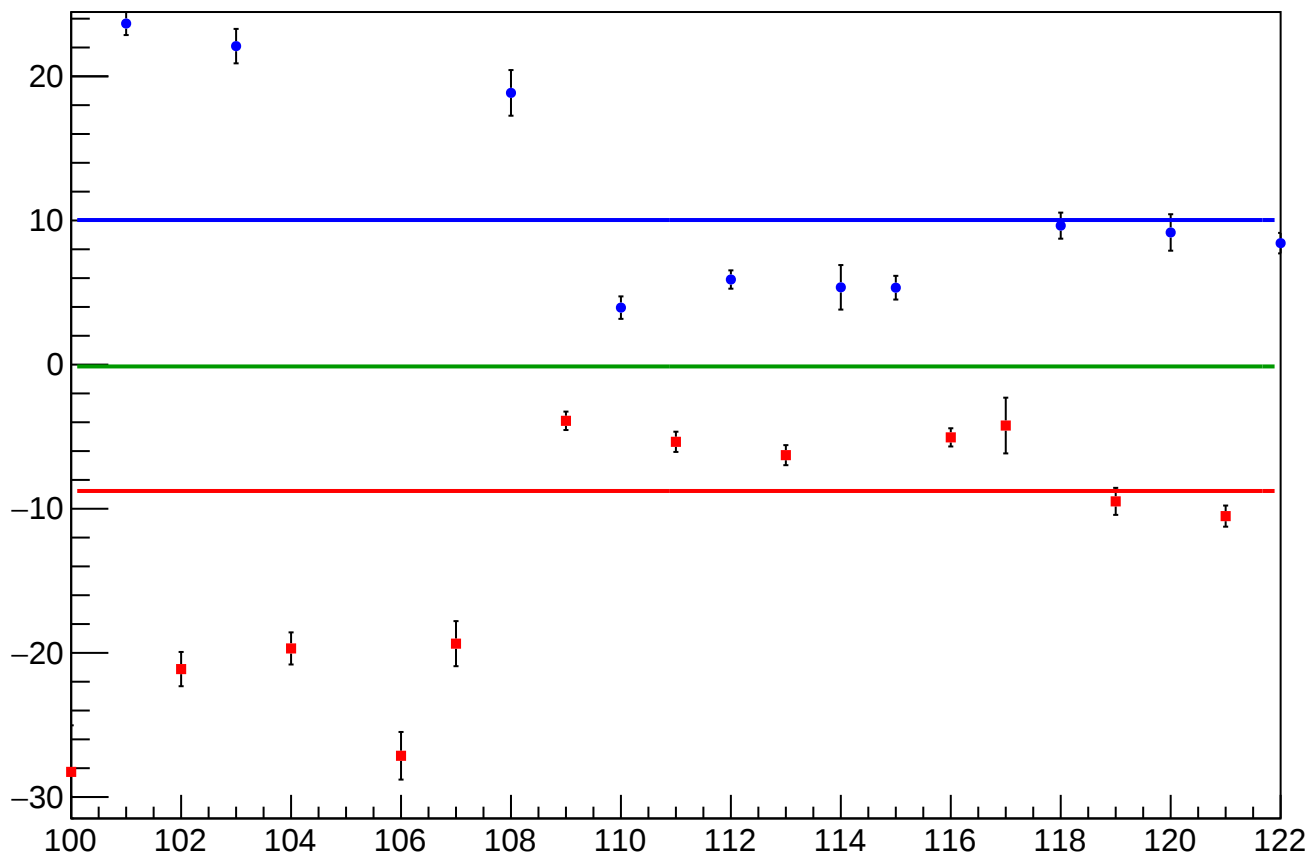
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.906 ± 0.038 χ^2/NDF : 22.6/9

0.097 ± 0.026 χ^2/NDF : 1586.9/21

0.969 ± 0.035 χ^2/NDF : 259.7/11

reg_asym_sam_1357_2468_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 10.031 $\pm$ 0.283 χ^2 /NDF: 574.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.768 $\pm$ 0.261 χ^2 /NDF: 551.1/11

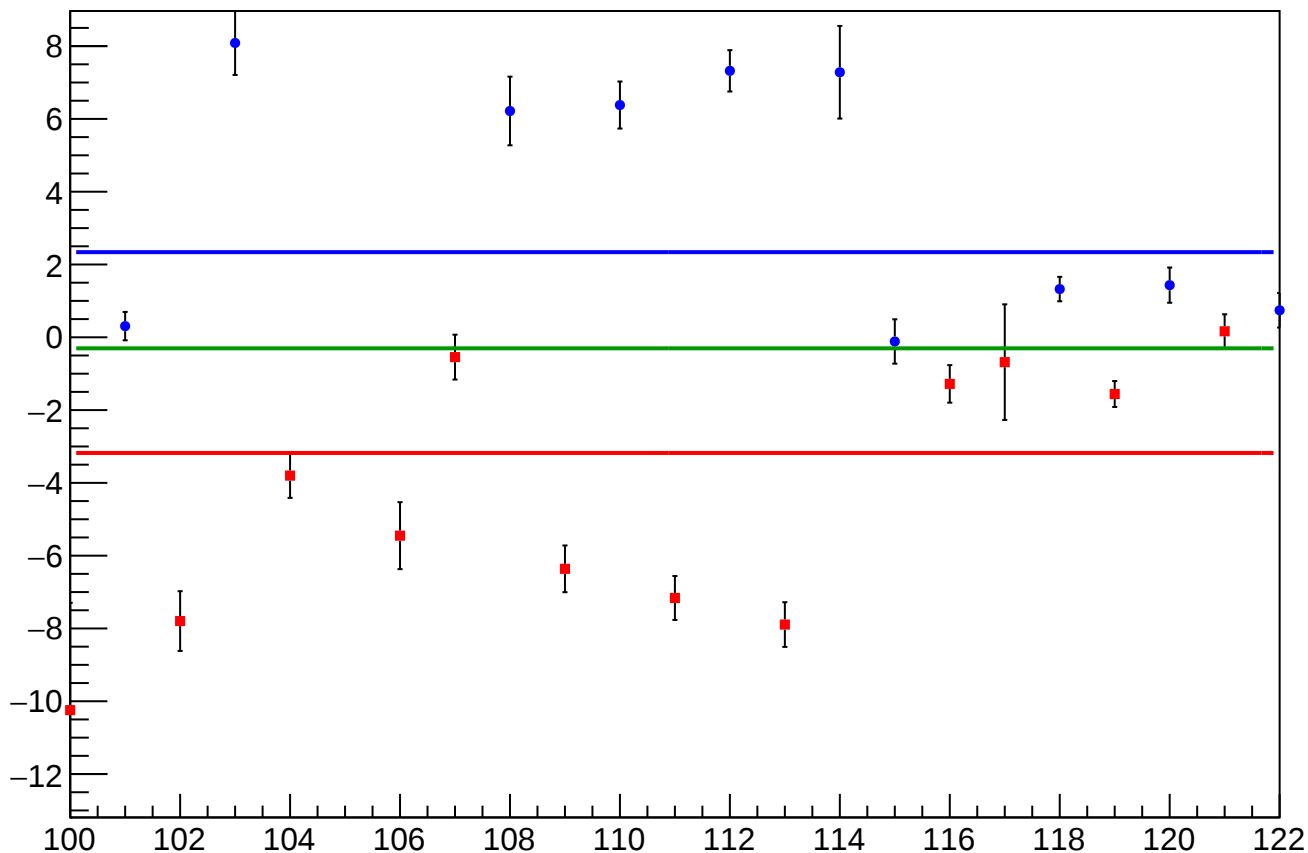
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

10.031 $\pm$ 0.283 χ^2 /NDF: 574.2/9

-0.128 $\pm$ 0.192 χ^2 /NDF: 3514.3/21

-8.768 $\pm$ 0.261 χ^2 /NDF: 551.1/11

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.339+/-0.168 χ^2/NDF : 258.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.178+/-0.175 χ^2/NDF : 277.9/11

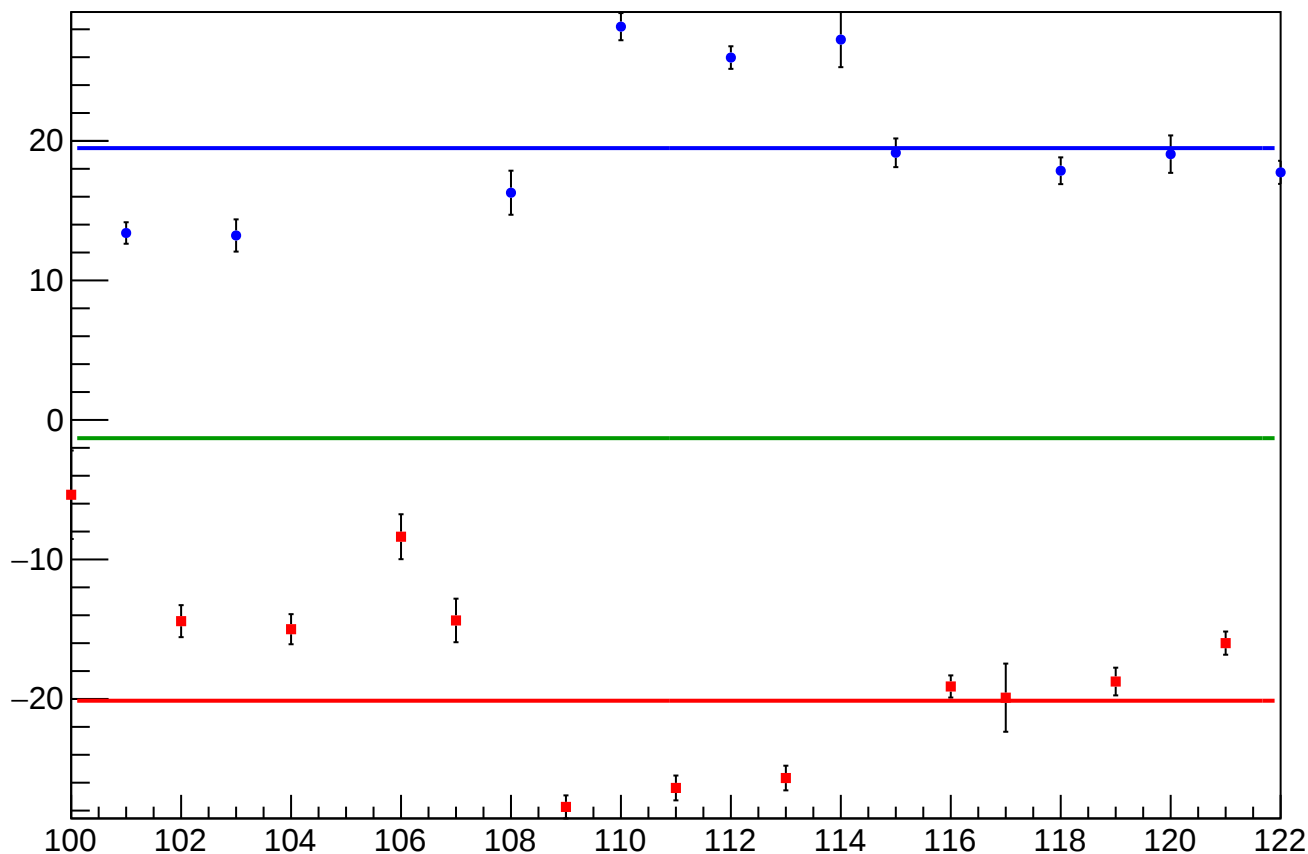
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.339+/-0.168 χ^2/NDF : 258.2/9

-0.303+/-0.121 χ^2/NDF : 1052.5/21

-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: 19.483+/-0.321 χ^2 /NDF: 263.0/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -20.125+/-0.305 χ^2 /NDF: 337.6/11

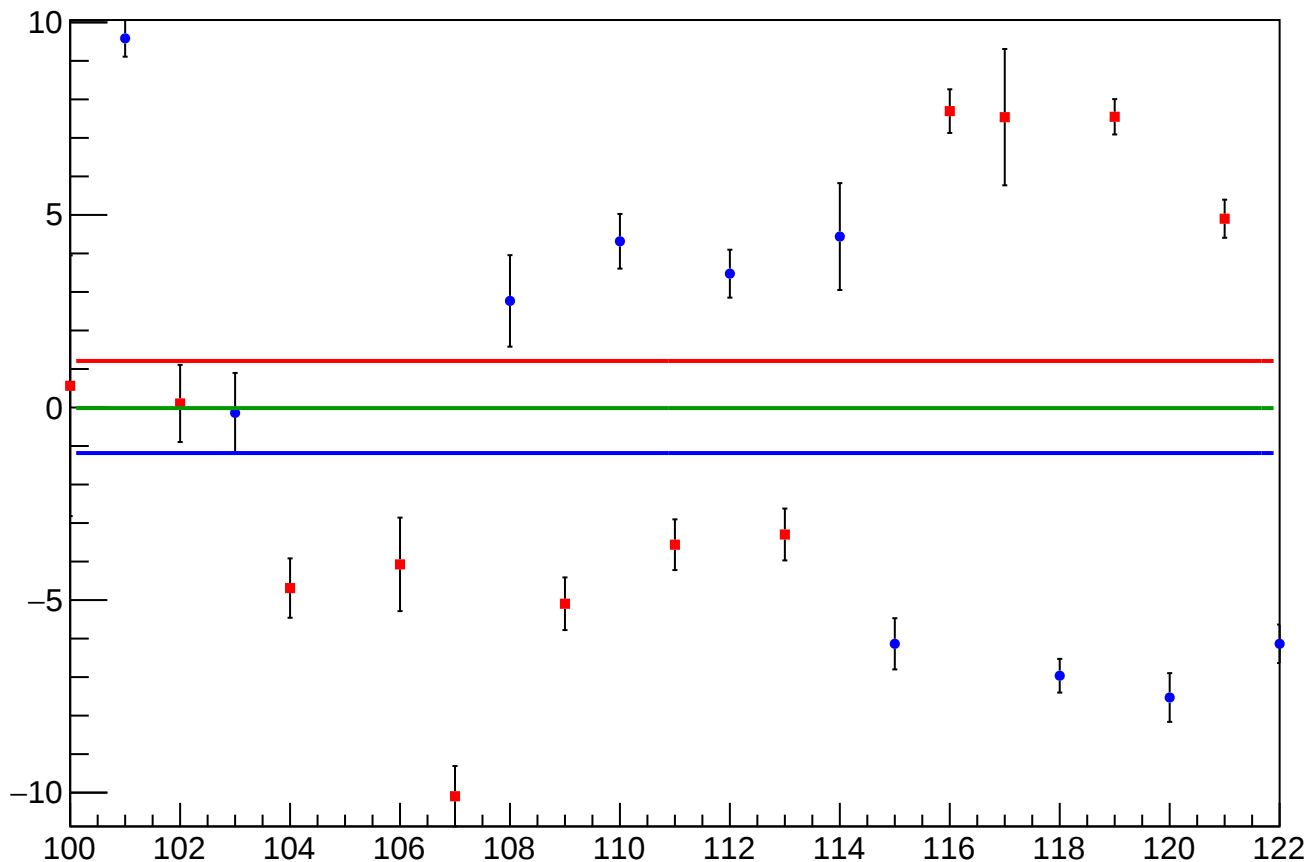
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

19.483+/-0.321 χ^2 /NDF: 263.0/9

-1.307+/-0.221 χ^2 /NDF: 8604.2/21

-20.125+/-0.305 χ^2 /NDF: 337.6/11

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.183+/-0.199 χ^2 /NDF: 1085.3/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1.208+/-0.204 χ^2 /NDF: 859.0/11

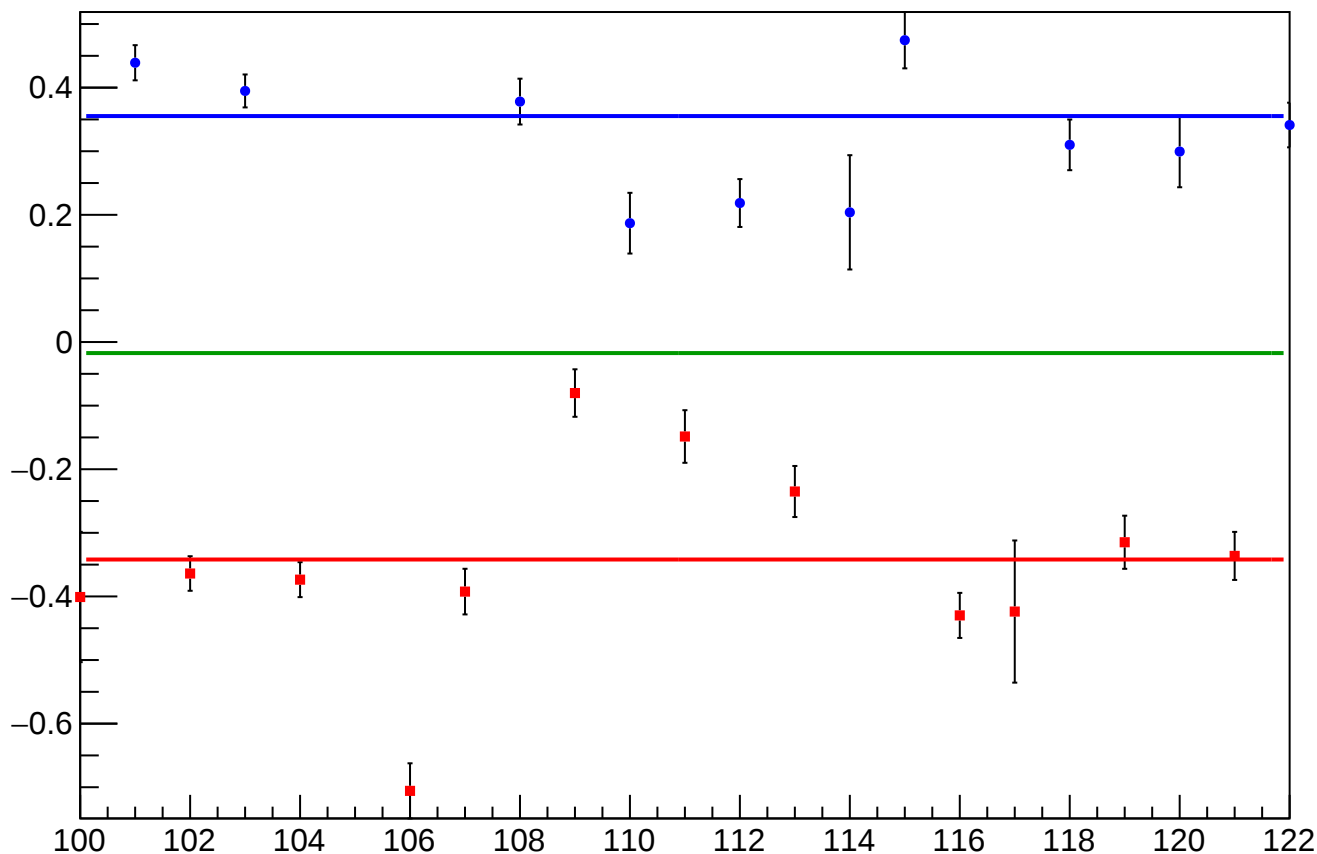
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.183+/-0.199 χ^2 /NDF: 1085.3/9

-0.015+/-0.143 χ^2 /NDF: 2014.4/21

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: 0.355 ± 0.012 $\chi^2/\text{NDF}: 50.1/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.342 ± 0.011 $\chi^2/\text{NDF}: 159.9/11$

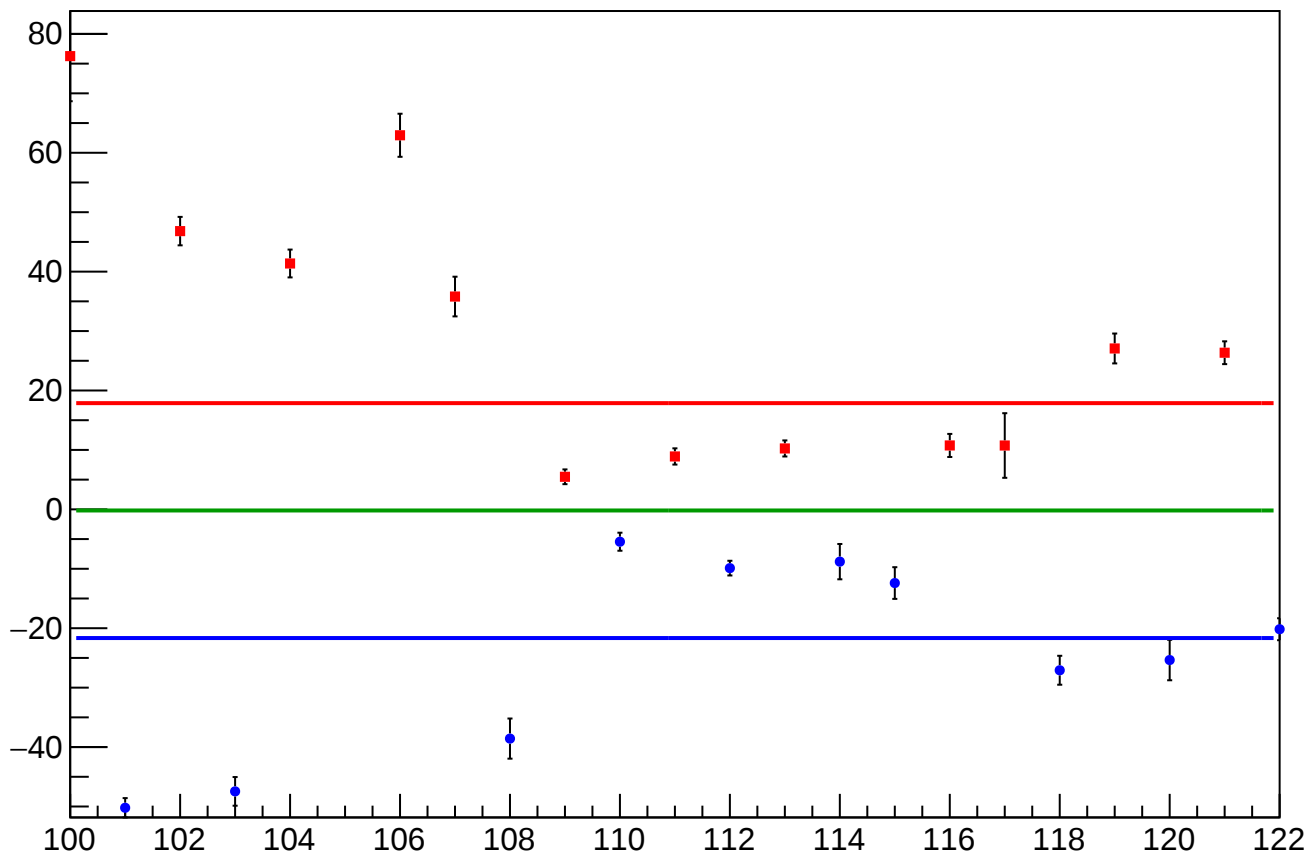
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

0.355 ± 0.012 $\chi^2/\text{NDF}: 50.1/9$

-0.017 ± 0.008 $\chi^2/\text{NDF}: 2056.0/21$

-0.342 ± 0.011 $\chi^2/\text{NDF}: 159.9/11$

reg_asym_sam_12345678_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -21.654 $\pm$ 0.629 χ^2 /NDF: 689.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.872 $\pm$ 0.577 χ^2 /NDF: 712.5/11

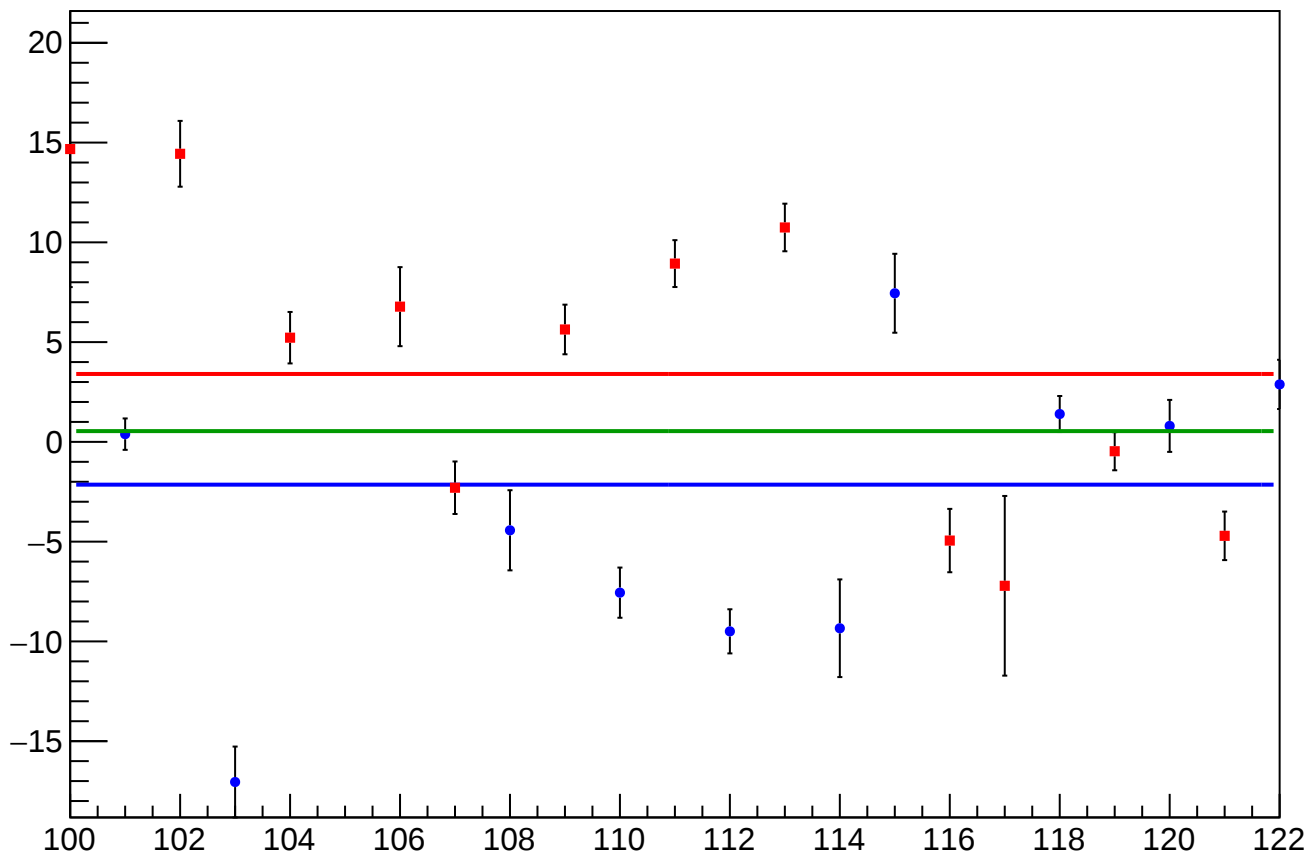
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-21.654 $\pm$ 0.629 χ^2 /NDF: 689.1/9

-0.189 $\pm$ 0.425 χ^2 /NDF: 3544.8/21

17.872 $\pm$ 0.577 χ^2 /NDF: 712.5/11

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.144 ± 0.391 χ^2/NDF : 214.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 3.403 ± 0.404 χ^2/NDF : 228.6/11

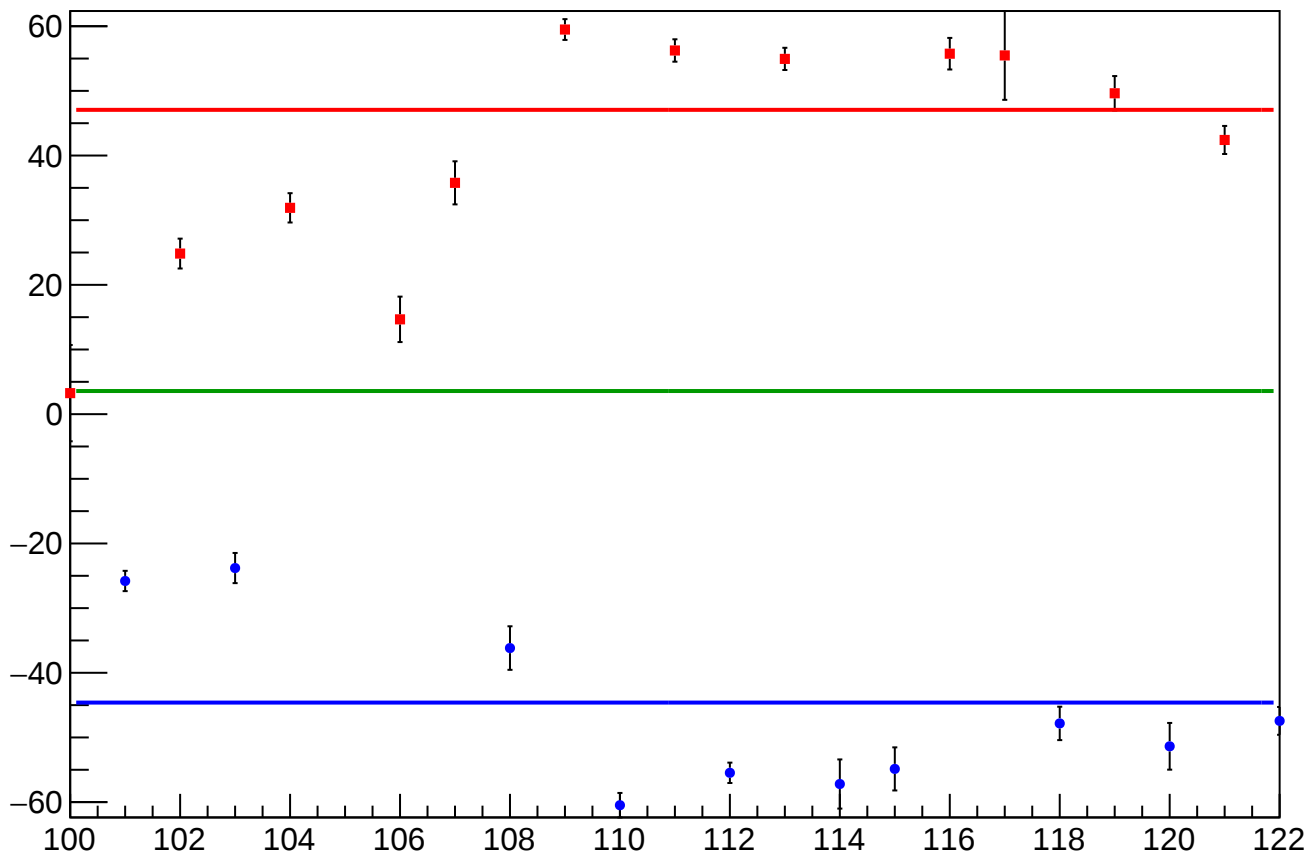
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2.144 ± 0.391 χ^2/NDF : 214.0/9

0.540 ± 0.281 χ^2/NDF : 539.7/21

3.403 ± 0.404 χ^2/NDF : 228.6/11

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.607+/-0.714 χ^2/NDF : 374.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.066+/-0.678 χ^2/NDF : 397.0/11

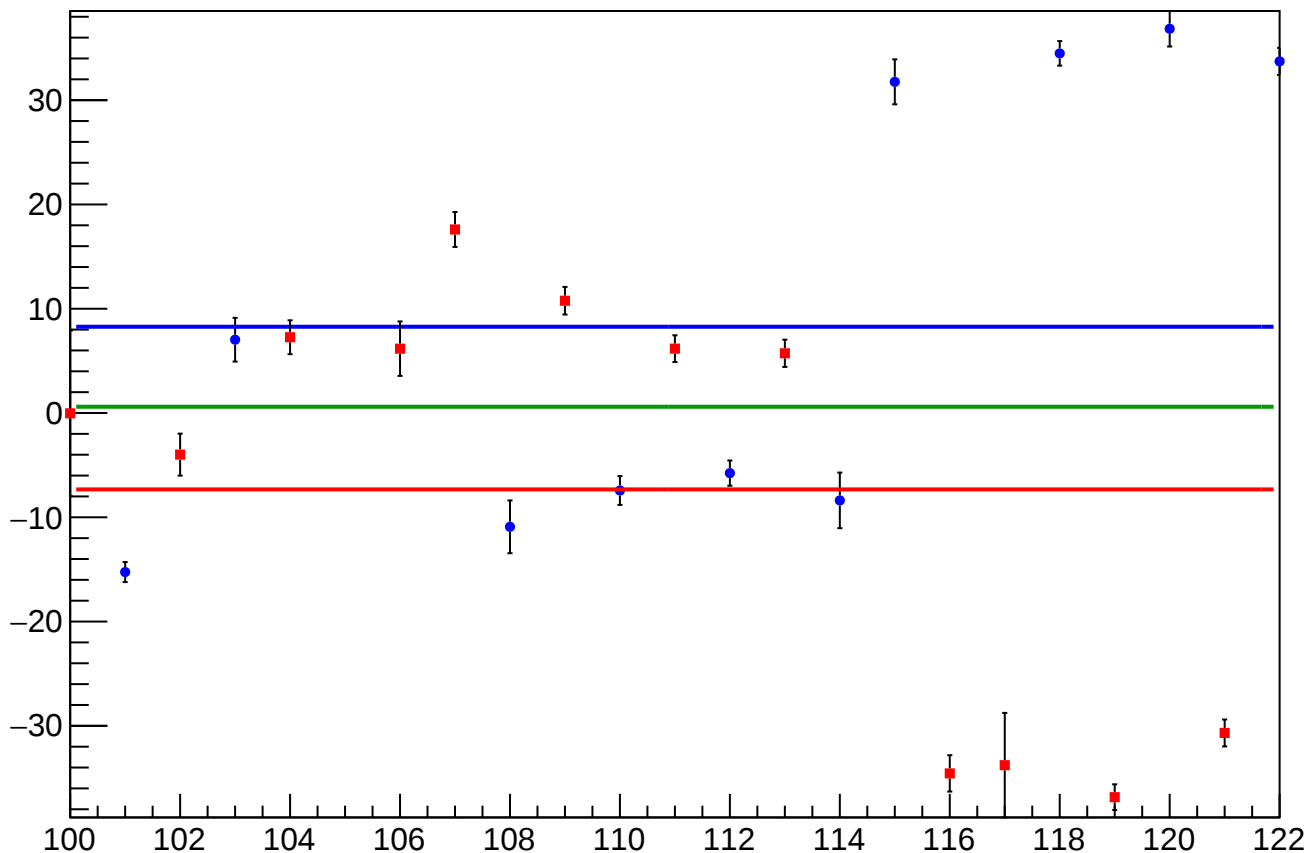
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-44.607+/-0.714 χ^2/NDF : 374.4/9

3.579+/-0.492 χ^2/NDF : 9433.7/21

47.066+/-0.678 χ^2/NDF : 397.0/11

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.273+/-0.462 χ^2/NDF : 2239.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.326+/-0.470 χ^2/NDF : 1903.5/11

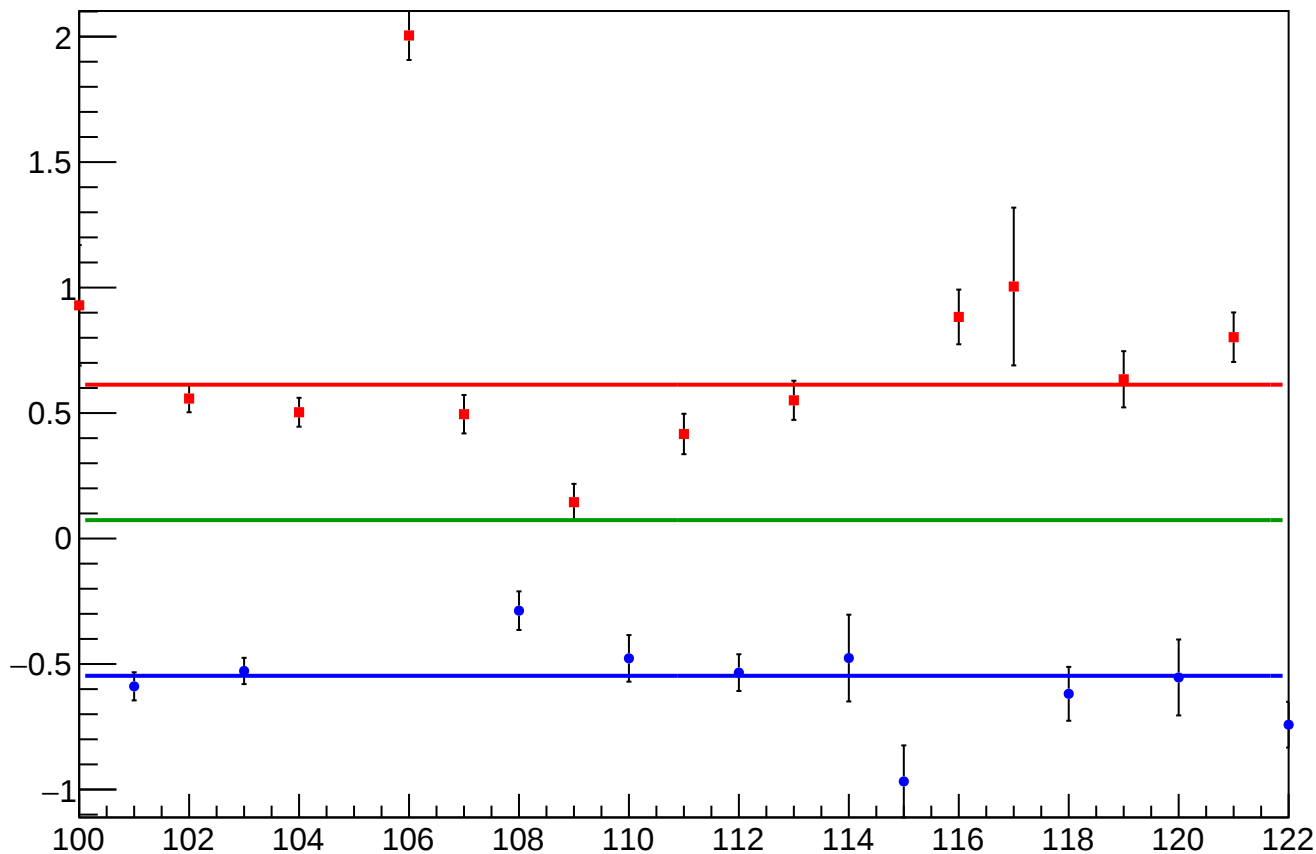
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8.273+/-0.462 χ^2/NDF : 2239.8/9

0.601+/-0.329 χ^2/NDF : 4704.3/21

-7.326+/-0.470 χ^2/NDF : 1903.5/11

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.547 ± 0.026 χ^2/NDF : 26.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.613 ± 0.024 χ^2/NDF : 271.3/11

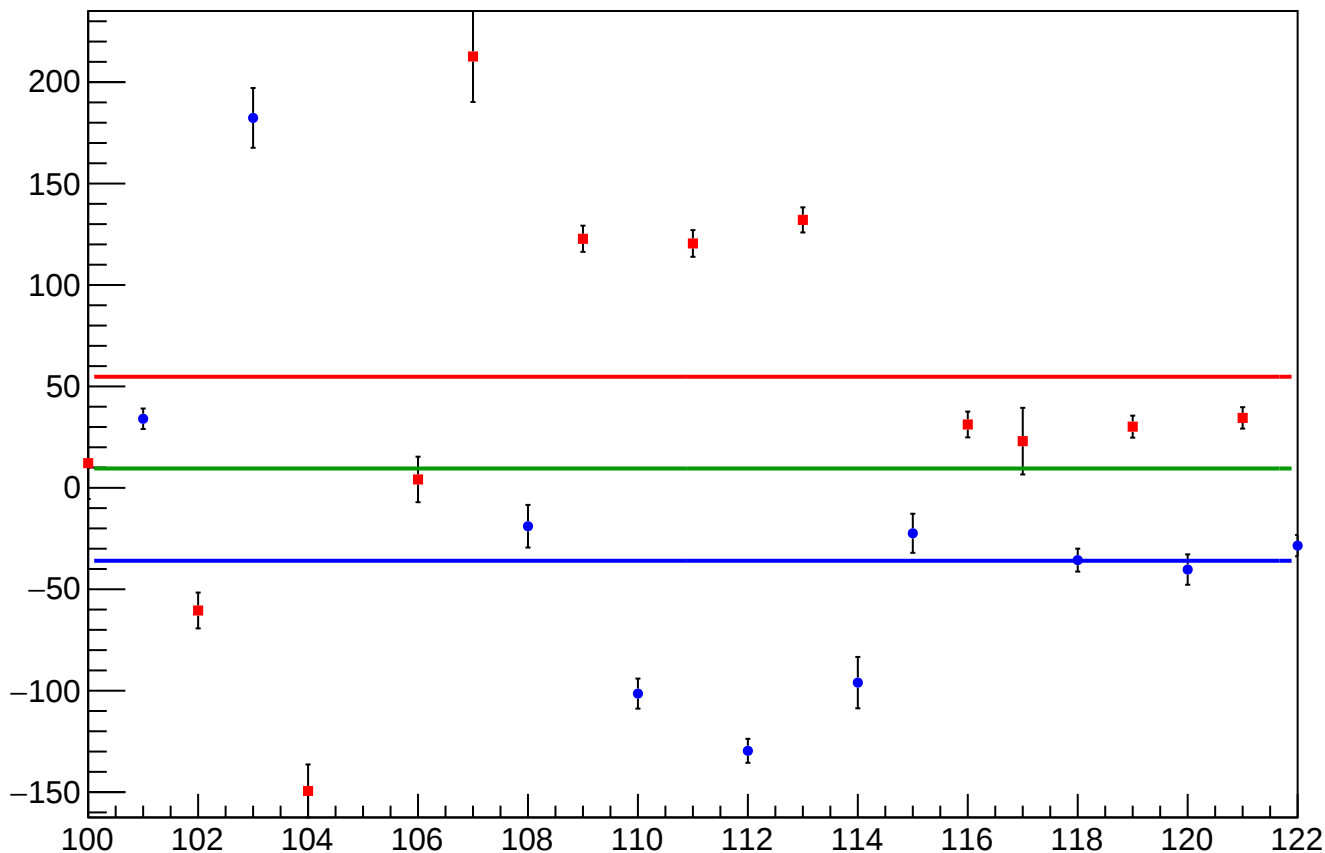
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.547 ± 0.026 χ^2/NDF : 26.5/9

0.073 ± 0.018 χ^2/NDF : 1368.9/21

0.613 ± 0.024 χ^2/NDF : 271.3/11

reg_asym_atl1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -35.950 ± 2.225 $\chi^2/\text{NDF}: 770.7/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 54.776 ± 2.218 $\chi^2/\text{NDF}: 909.4/11$

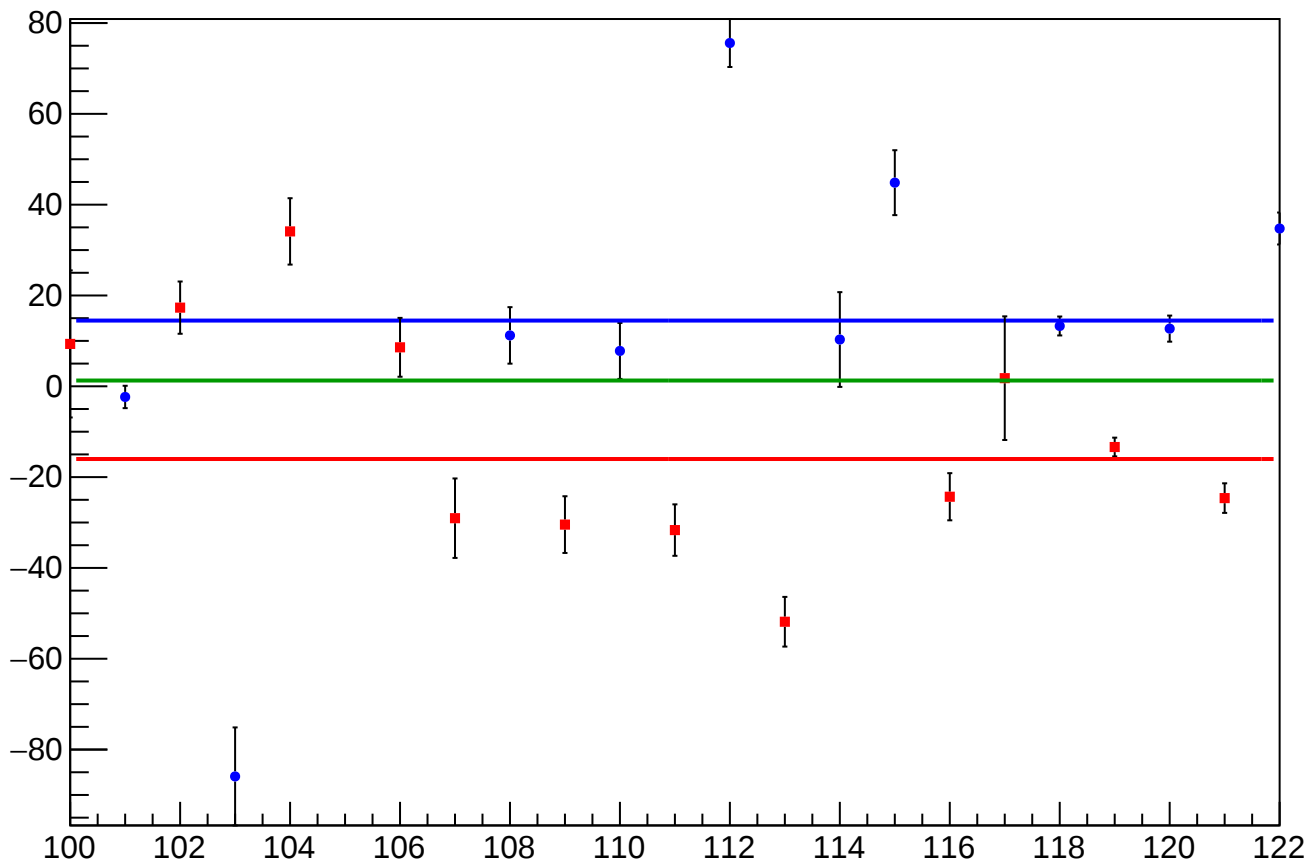
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-35.950 ± 2.225 $\chi^2/\text{NDF}: 770.7/9$

9.539 ± 1.571 $\chi^2/\text{NDF}: 2514.0/21$

54.776 ± 2.218 $\chi^2/\text{NDF}: 909.4/11$

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.475+/-1.177 χ^2 /NDF: 320.6/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -16.013+/-1.346 χ^2 /NDF: 168.4/11

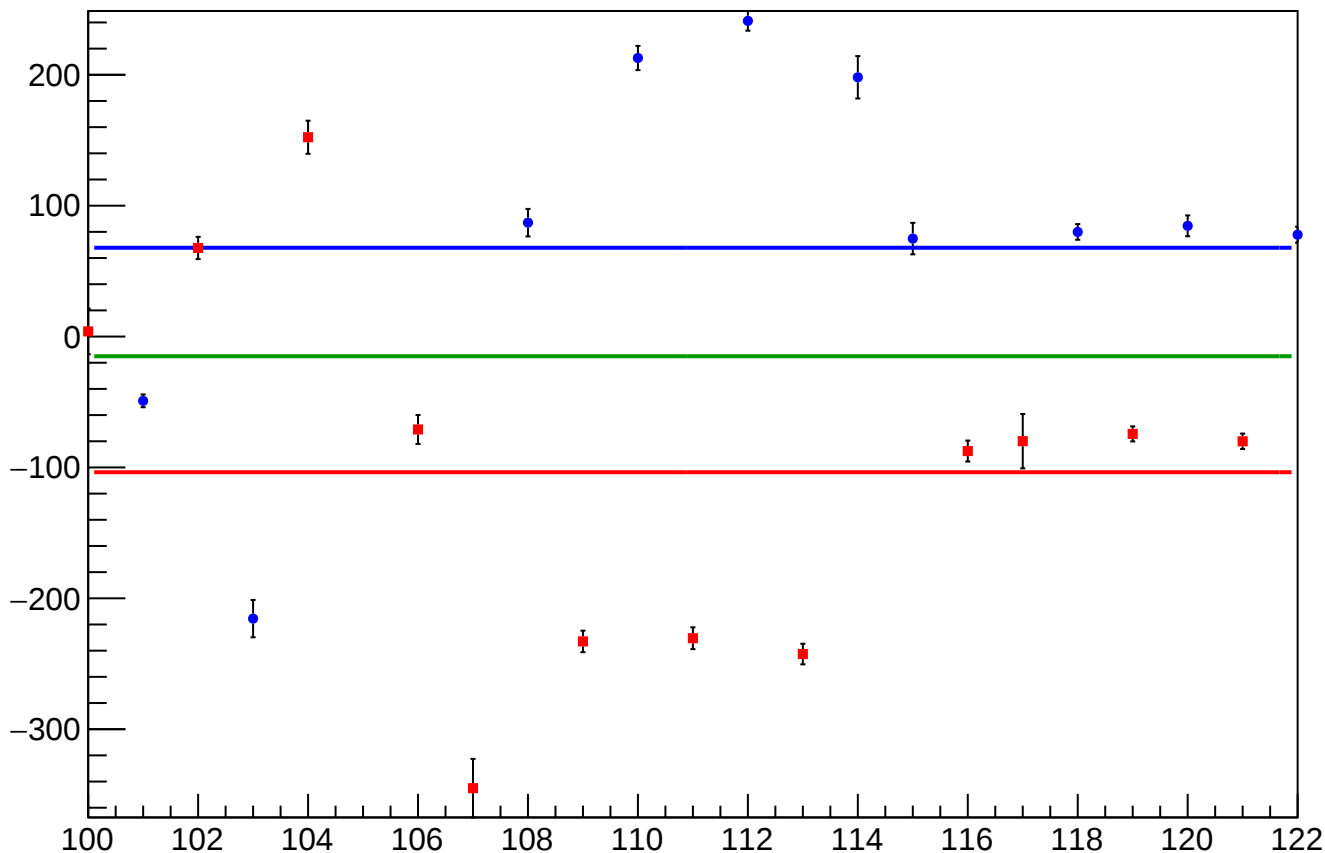
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

14.475+/-1.177 χ^2 /NDF: 320.6/9

1.271+/-0.886 χ^2 /NDF: 779.8/21

-16.013+/-1.346 χ^2 /NDF: 168.4/11

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 67.868+/-2.450 χ^2 /NDF: 1828.6/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -103.676+/-2.534 χ^2 /NDF: 1815.4/11

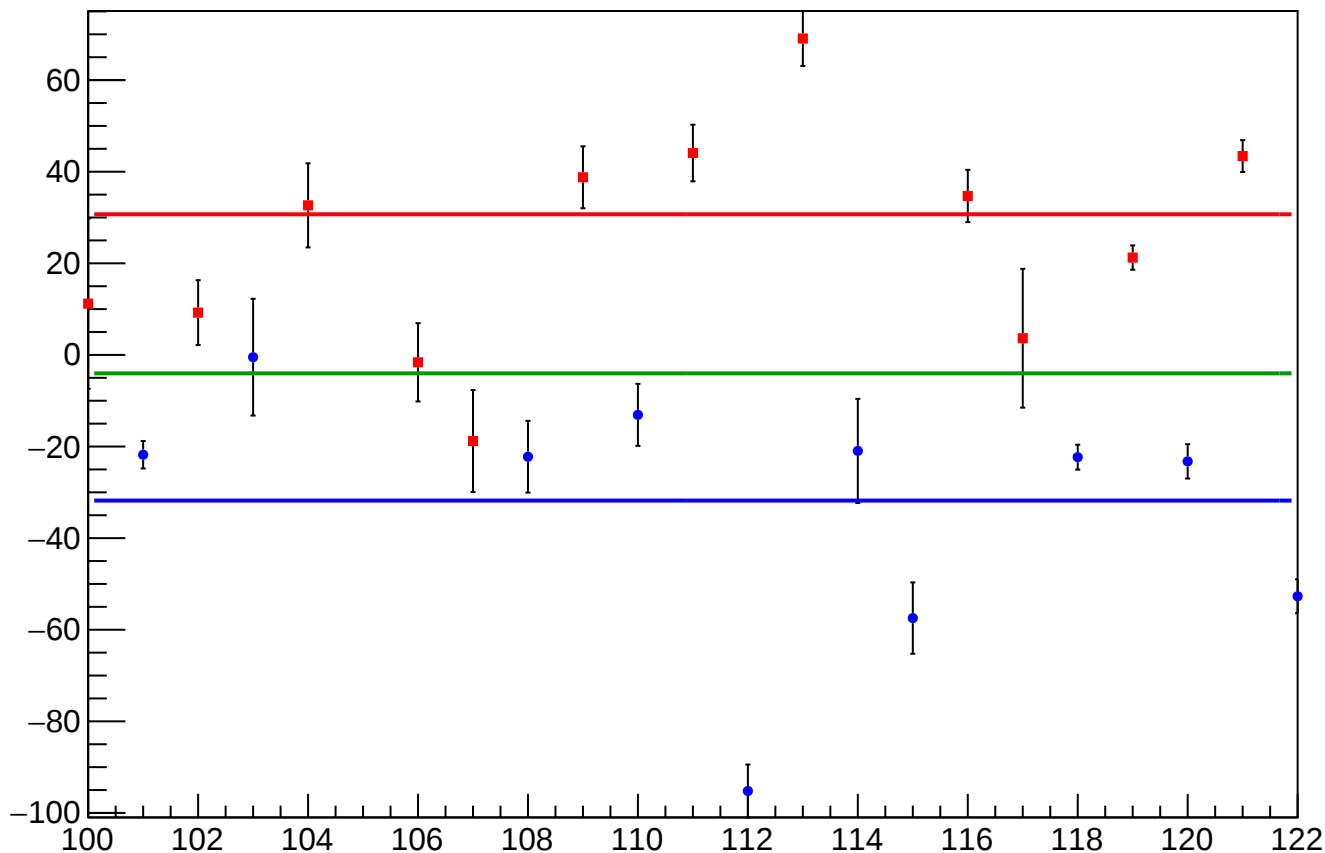
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

67.868+/-2.450 χ^2 /NDF: 1828.6/9

-15.029+/-1.761 χ^2 /NDF: 6012.7/21

-103.676+/-2.534 χ^2 /NDF: 1815.4/11

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -31.796 ± 1.430 χ^2/NDF : 207.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 30.707 ± 1.598 χ^2/NDF : 121.1/11

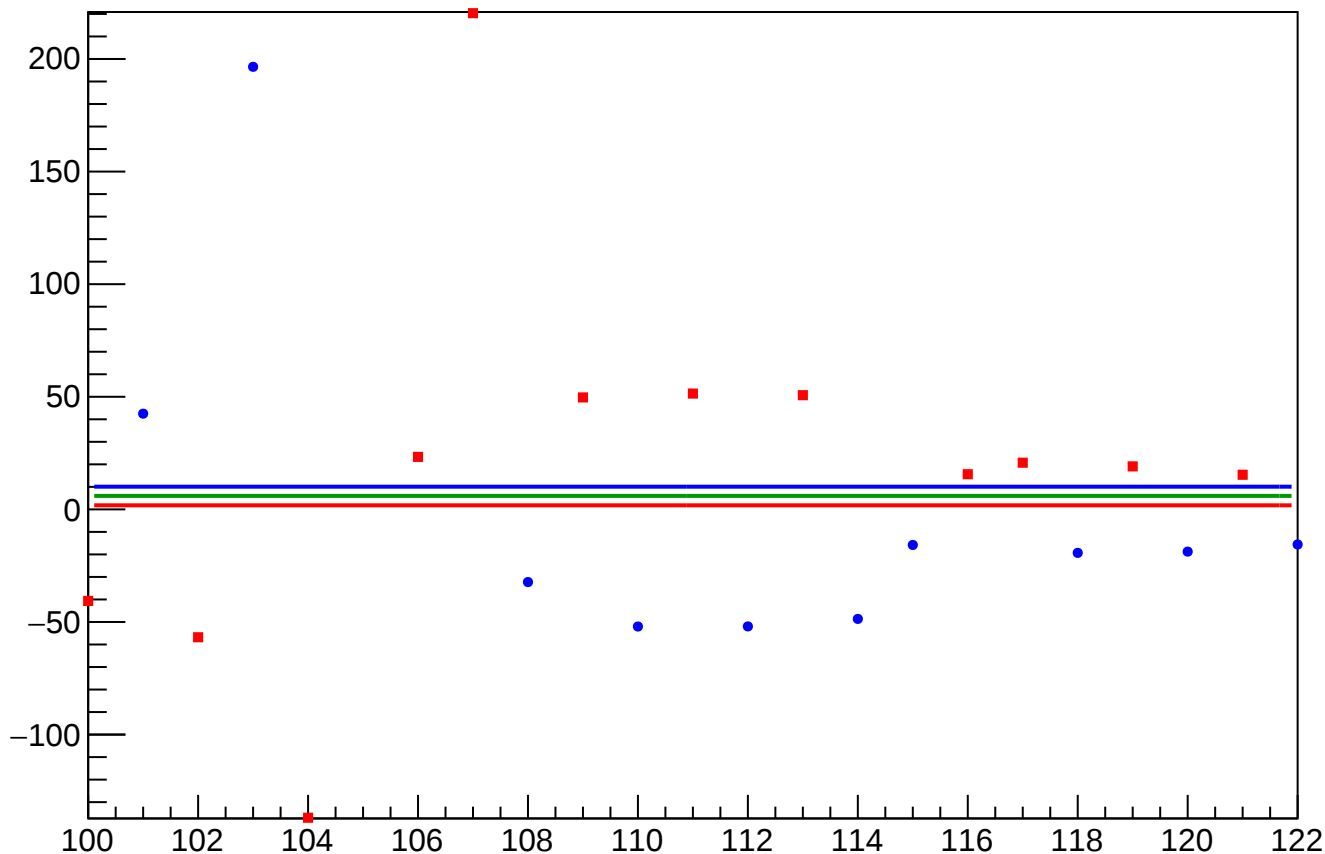
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-31.796 ± 1.430 χ^2/NDF : 207.8/9

-4.016 ± 1.066 χ^2/NDF : 1178.3/21

30.707 ± 1.598 χ^2/NDF : 121.1/11

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.083+/-0.092 χ^2/NDF : 497123.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.804+/-0.093 χ^2/NDF : 524534.1/11

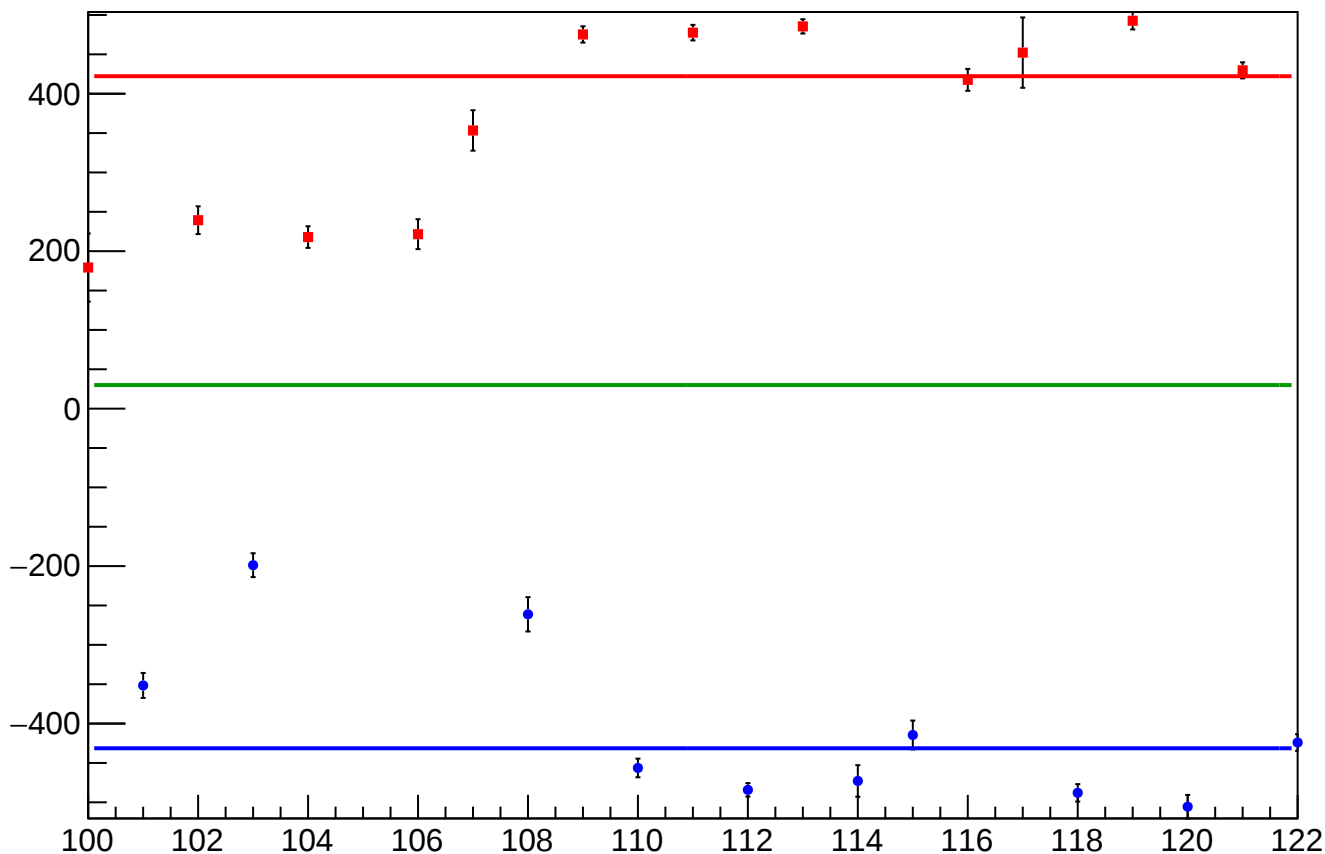
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.083+/-0.092 χ^2/NDF : 497123.2/9

5.991+/-0.065 χ^2/NDF : 1025688.1/21

1.804+/-0.093 χ^2/NDF : 524534.1/11

reg_asym_atl2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -431.360+/-4.145 χ^2 /NDF: 420.0/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 422.232+/-3.822 χ^2 /NDF: 627.3/11

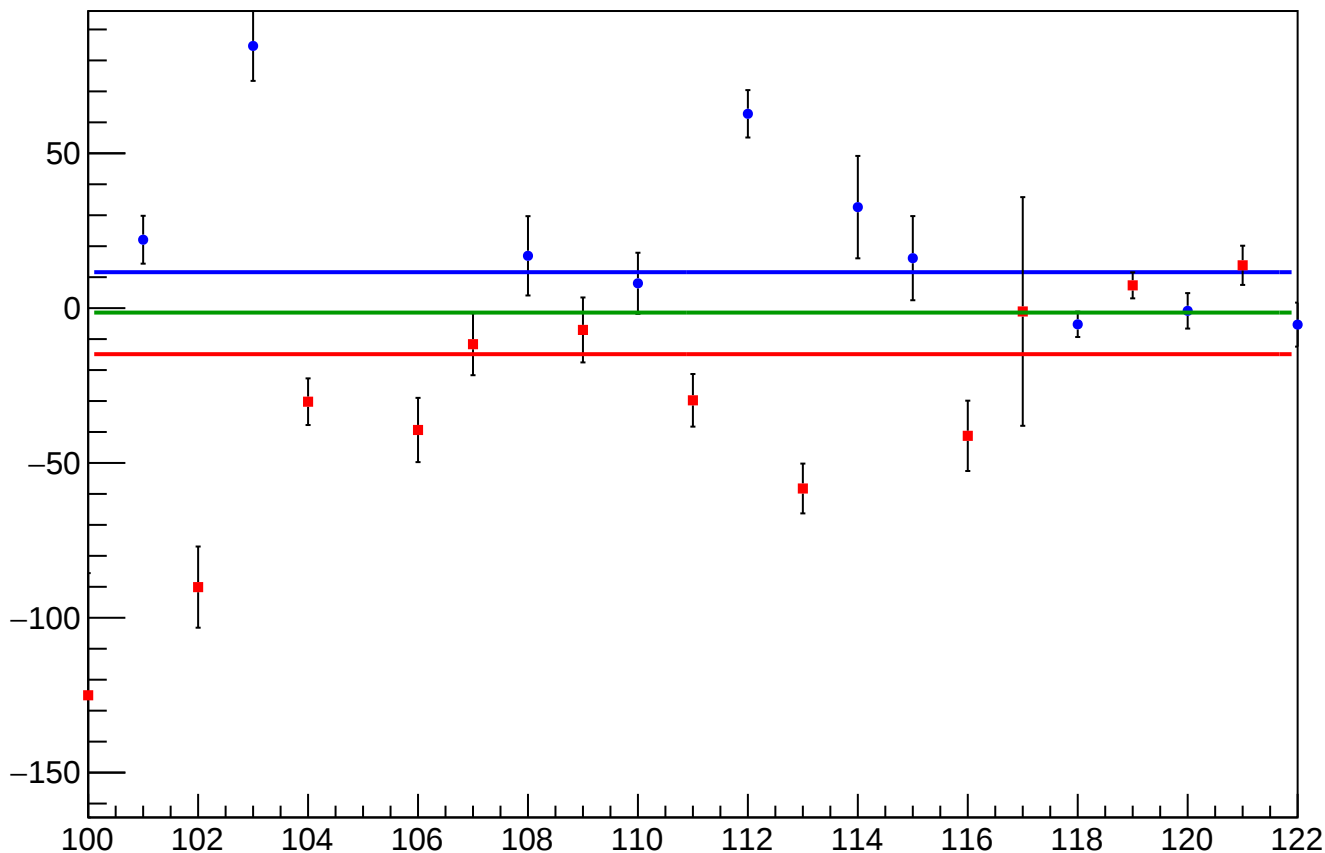
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-431.360+/-4.145 χ^2 /NDF: 420.0/9

29.958+/-2.810 χ^2 /NDF: 23968.8/21

422.232+/-3.822 χ^2 /NDF: 627.3/11

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.609+/-2.377 χ^2/NDF : 117.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.868+/-2.412 χ^2/NDF : 137.4/11

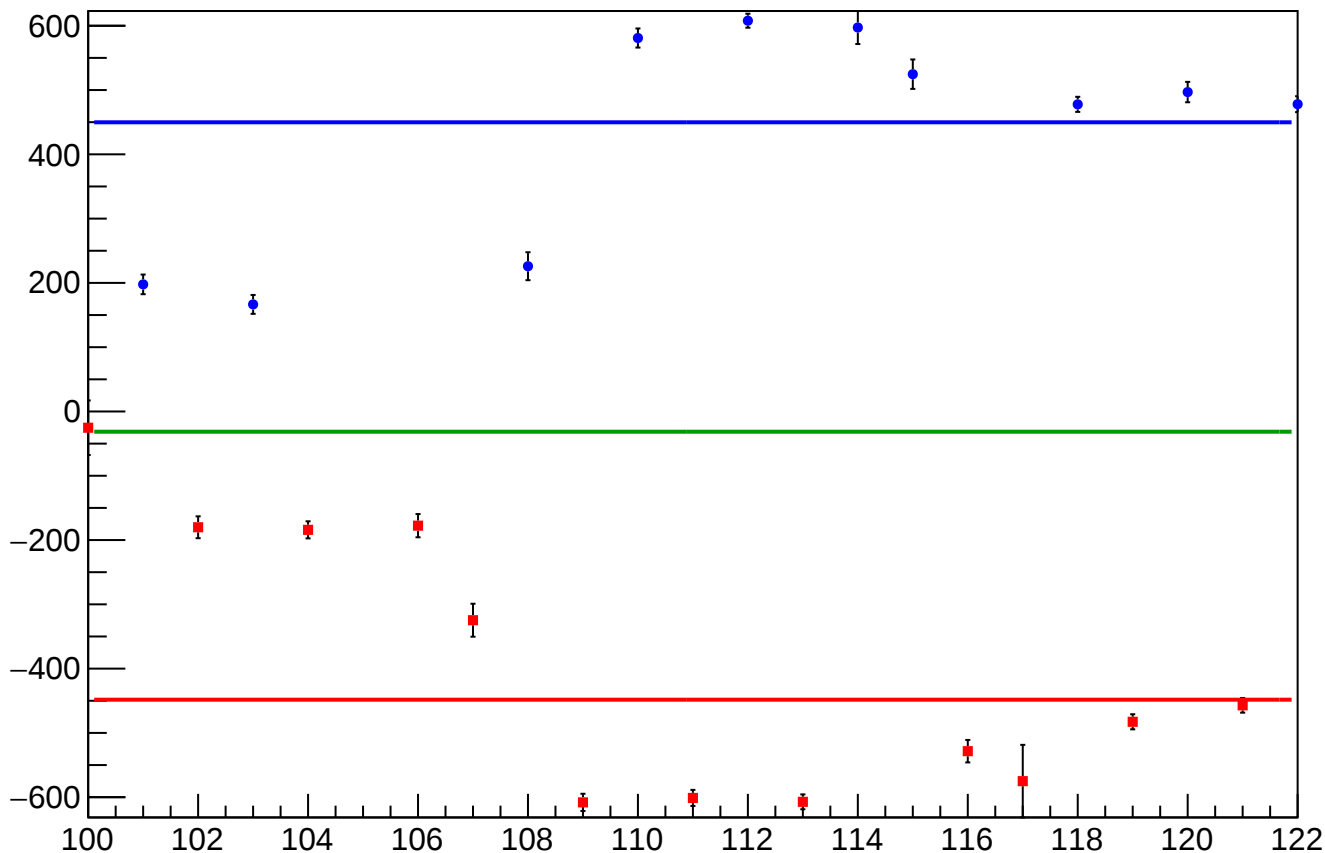
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11.609+/-2.377 χ^2/NDF : 117.8/9

-1.437+/-1.693 χ^2/NDF : 316.3/21

-14.868+/-2.412 χ^2/NDF : 137.4/11

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 449.820 $\pm$ 4.703 χ^2 /NDF: 1101.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -448.324 $\pm$ 4.377 χ^2 /NDF: 1506.0/11

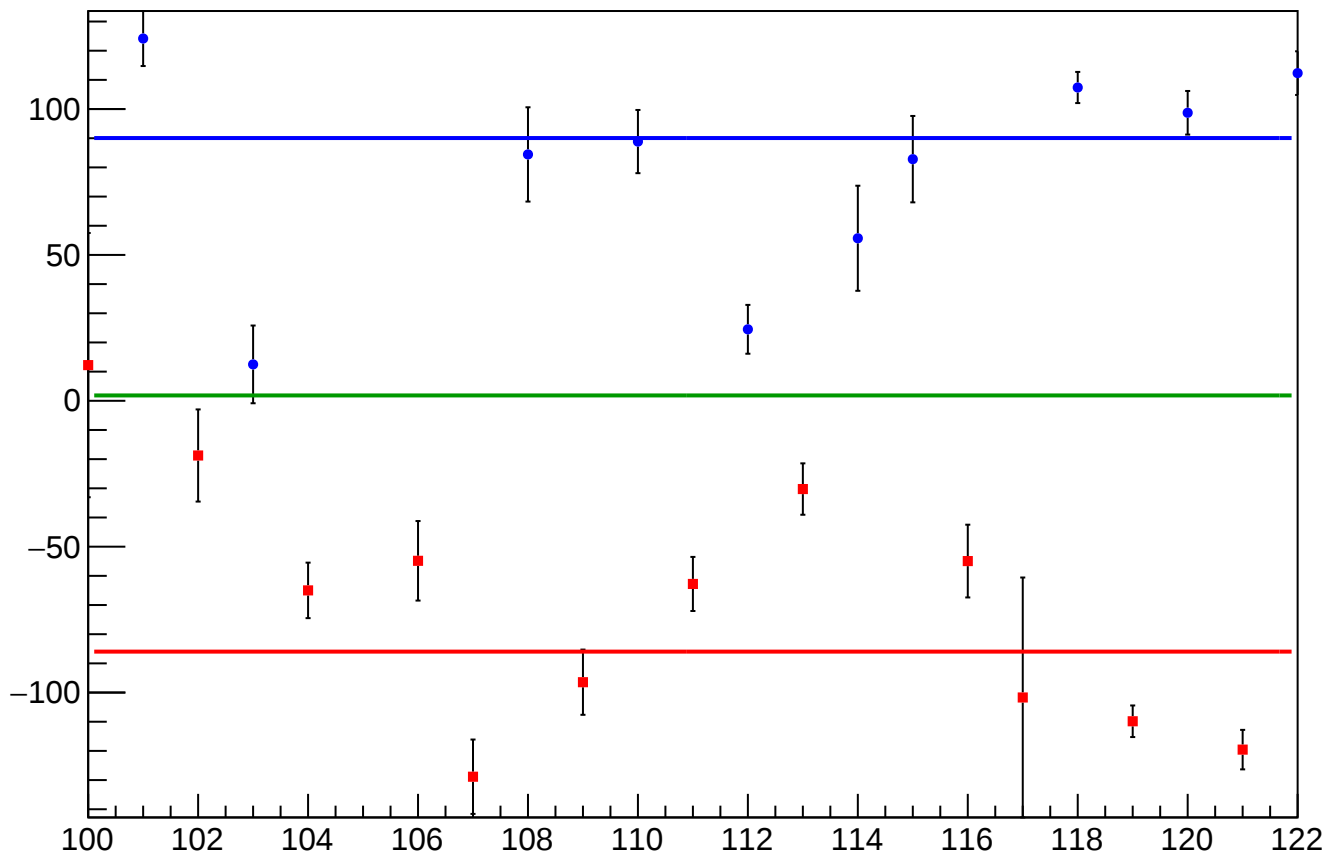
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

449.820 $\pm$ 4.703 χ^2 /NDF: 1101.9/9

-31.475 $\pm$ 3.204 χ^2 /NDF: 22154.0/21

-448.324 $\pm$ 4.377 χ^2 /NDF: 1506.0/11

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 90.063+/-2.863 χ^2 /NDF: 133.1/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -85.969+/-2.856 χ^2 /NDF: 141.8/11

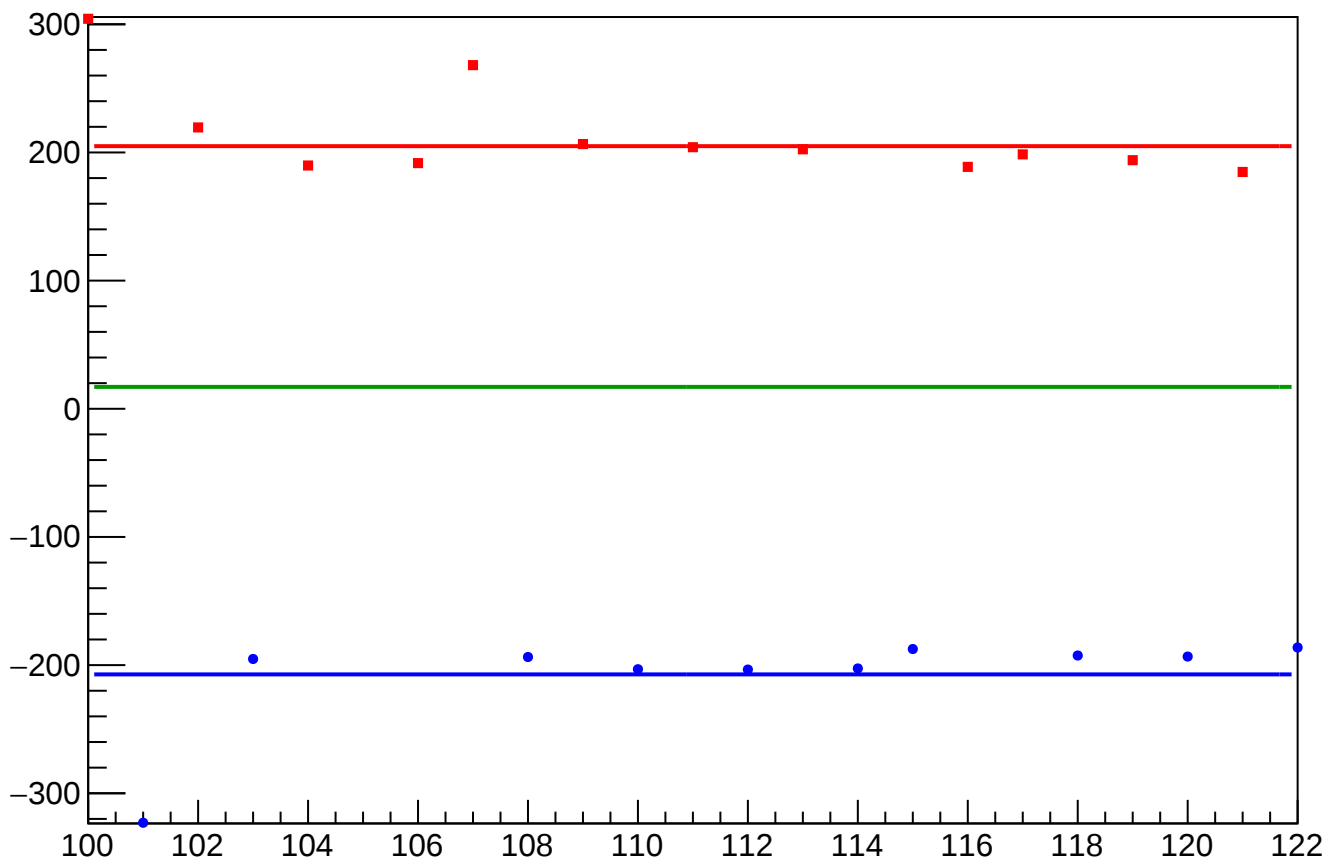
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

90.063+/-2.863 χ^2 /NDF: 133.1/9

1.840+/-2.022 χ^2 /NDF: 2169.8/21

-85.969+/-2.856 χ^2 /NDF: 141.8/11

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -207.239 ± 0.171 $\chi^2/\text{NDF}: 49715.6/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 204.910 ± 0.156 $\chi^2/\text{NDF}: 23133.7/11$

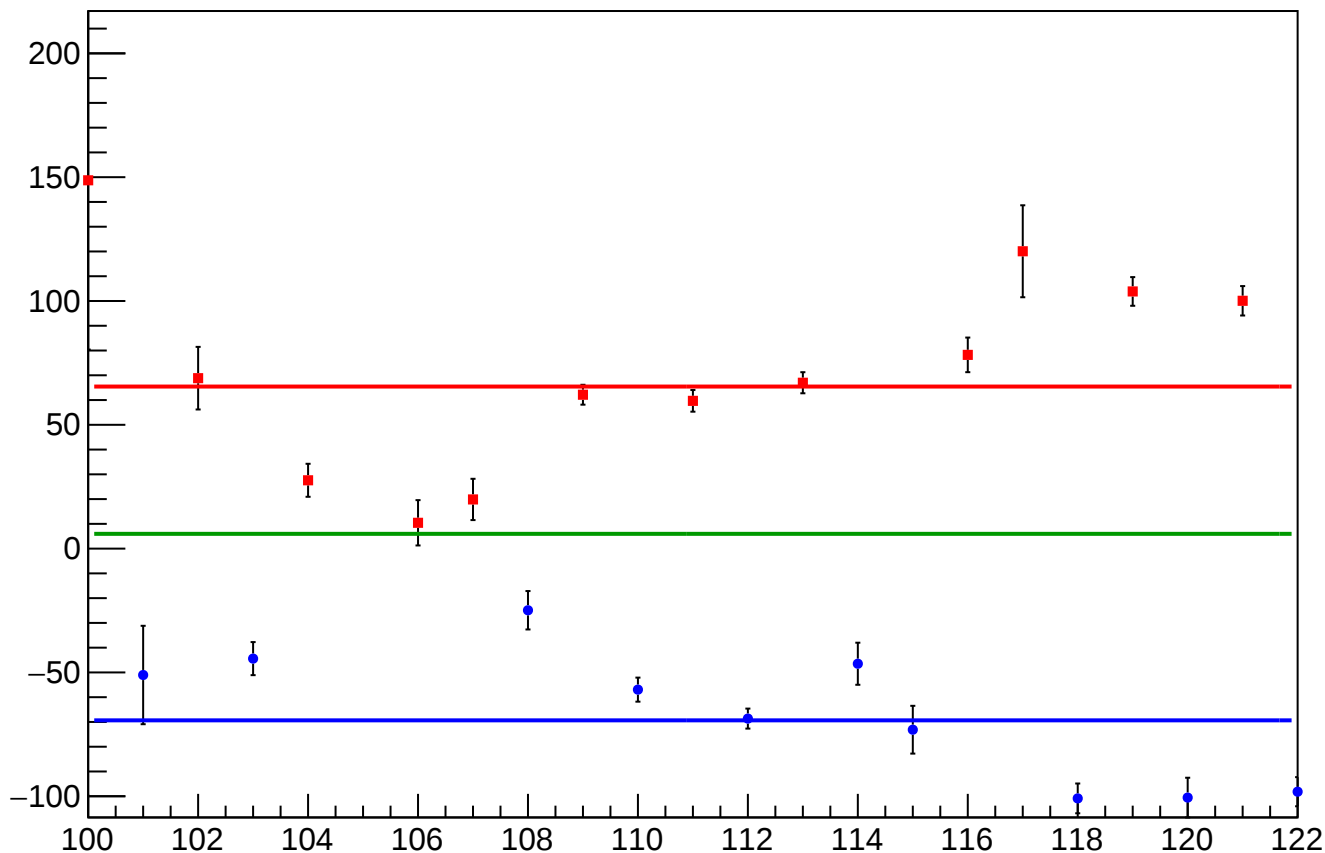
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-207.239 ± 0.171 $\chi^2/\text{NDF}: 49715.6/9$

17.085 ± 0.115 $\chi^2/\text{NDF}: 3235688.9/21$

204.910 ± 0.156 $\chi^2/\text{NDF}: 23133.7/11$

reg_asym_atr1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -69.350+/-2.033 χ^2/NDF : 128.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 65.449+/-1.807 χ^2/NDF : 192.4/11

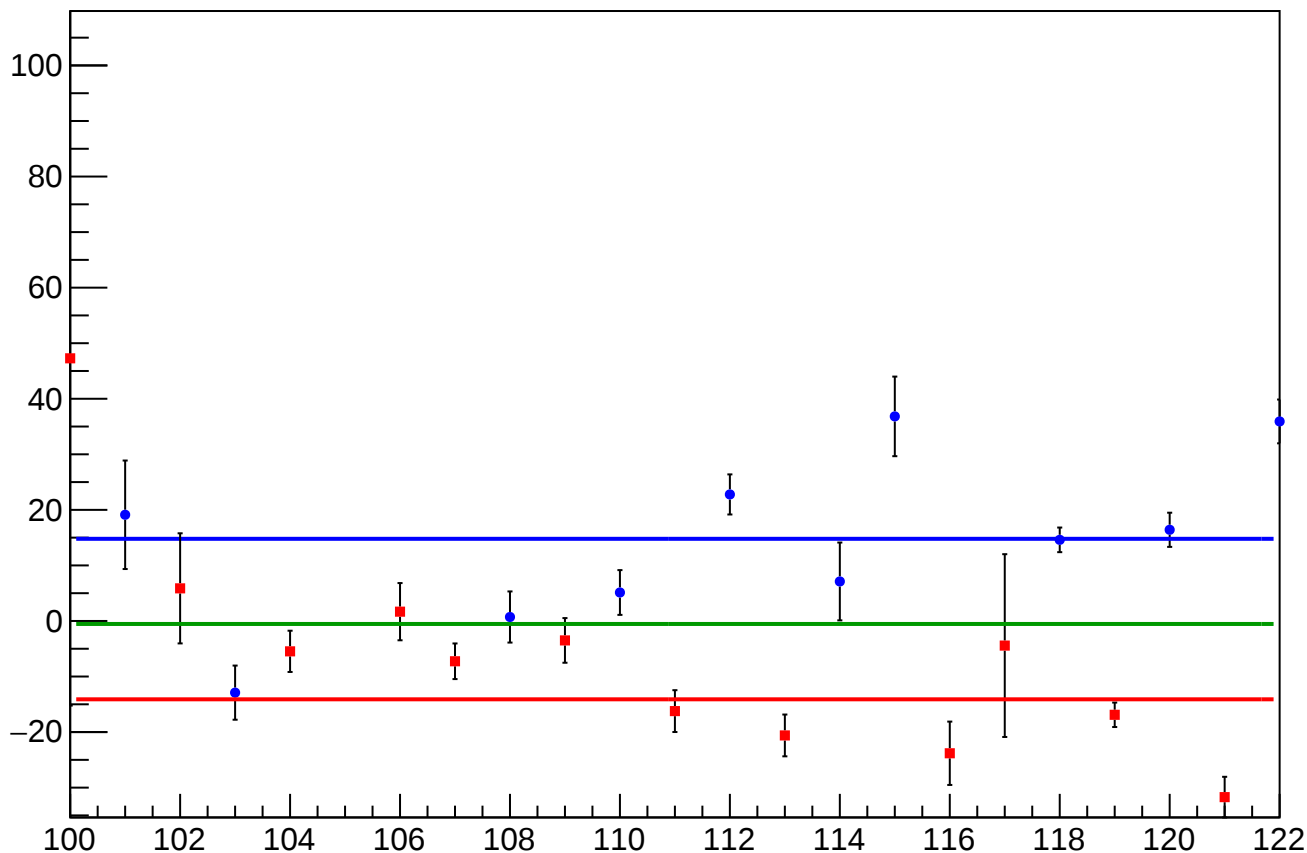
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-69.350+/-2.033 χ^2/NDF : 128.2/9

5.968+/-1.350 χ^2/NDF : 2777.0/21

65.449+/-1.807 χ^2/NDF : 192.4/11

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.790+/-1.239 χ^2/NDF : 92.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.103+/-1.165 χ^2/NDF : 62.6/11

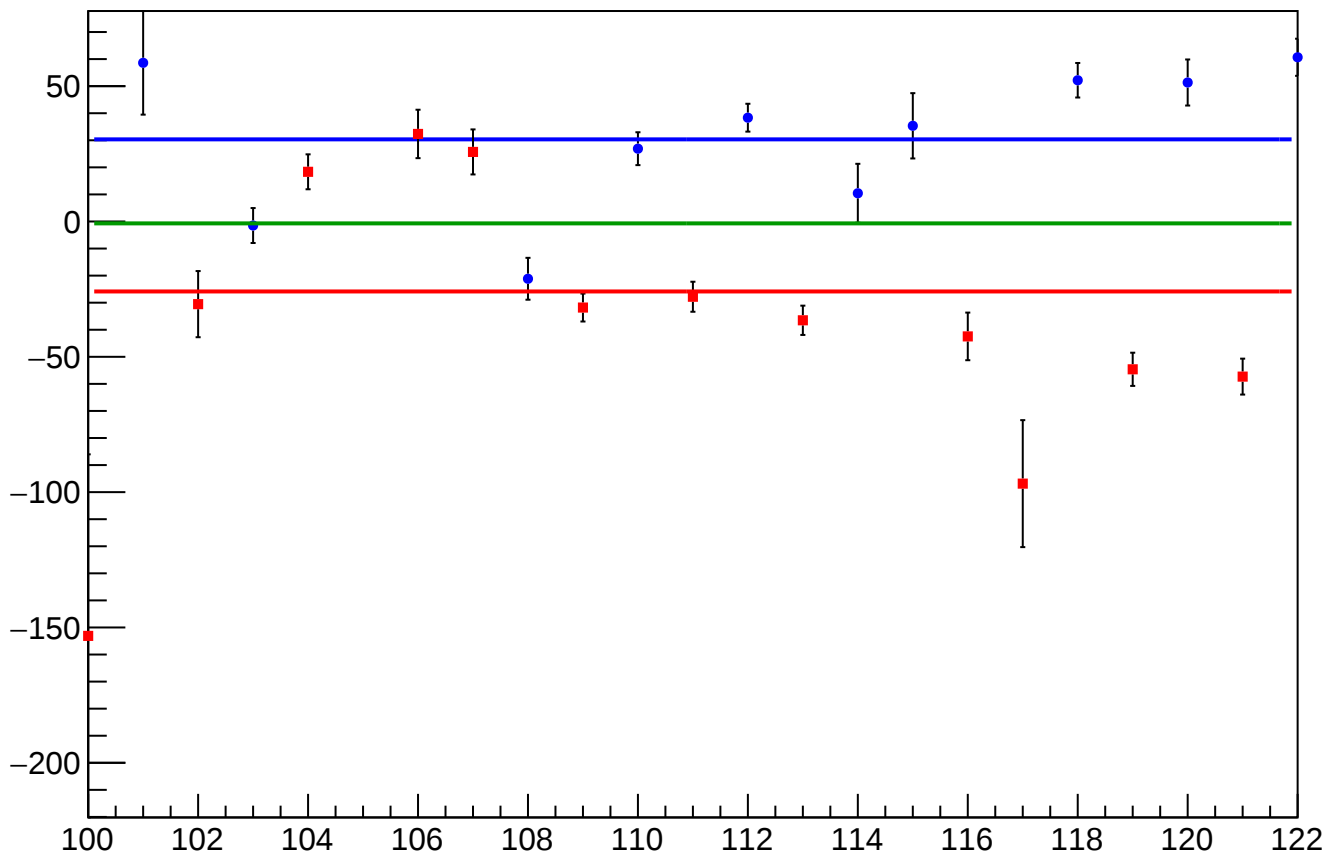
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14.790+/-1.239 χ^2/NDF : 92.2/9

-0.539+/-0.849 χ^2/NDF : 443.5/21

-14.103+/-1.165 χ^2/NDF : 62.6/11

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 30.341 ± 2.336 χ^2/NDF : 114.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -25.853 ± 2.103 χ^2/NDF : 193.9/11

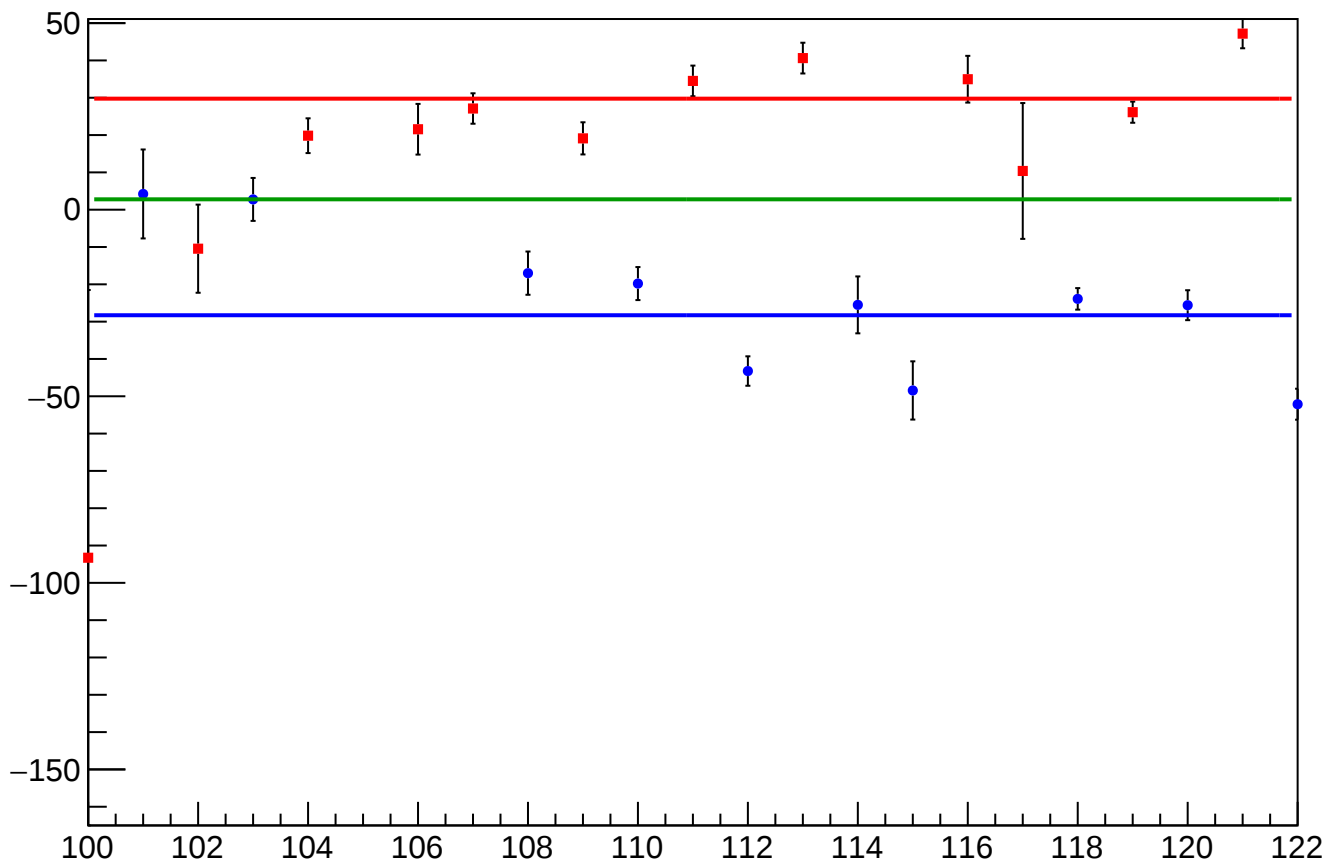
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

30.341 ± 2.336 χ^2/NDF : 114.5/9

-0.701 ± 1.563 χ^2/NDF : 628.1/21

-25.853 ± 2.103 χ^2/NDF : 193.9/11

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -28.284+/-1.481 χ^2/NDF : 100.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.755+/-1.380 χ^2/NDF : 58.5/11

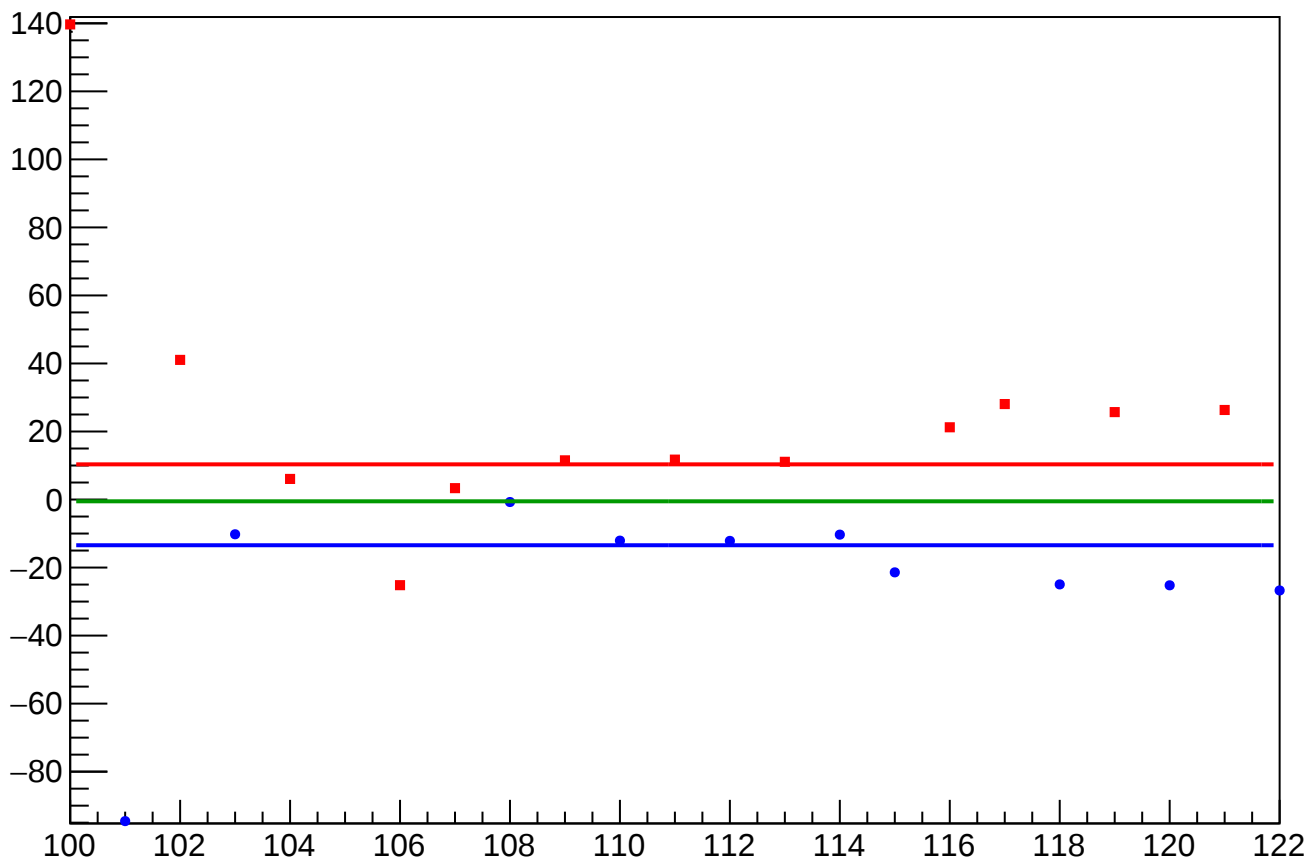
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-28.284+/-1.481 χ^2/NDF : 100.9/9

2.779+/-1.009 χ^2/NDF : 981.9/21

29.755+/-1.380 χ^2/NDF : 58.5/11

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -13.439+/-0.081 χ^2/NDF : 25099.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.343+/-0.074 χ^2/NDF : 47014.9/11

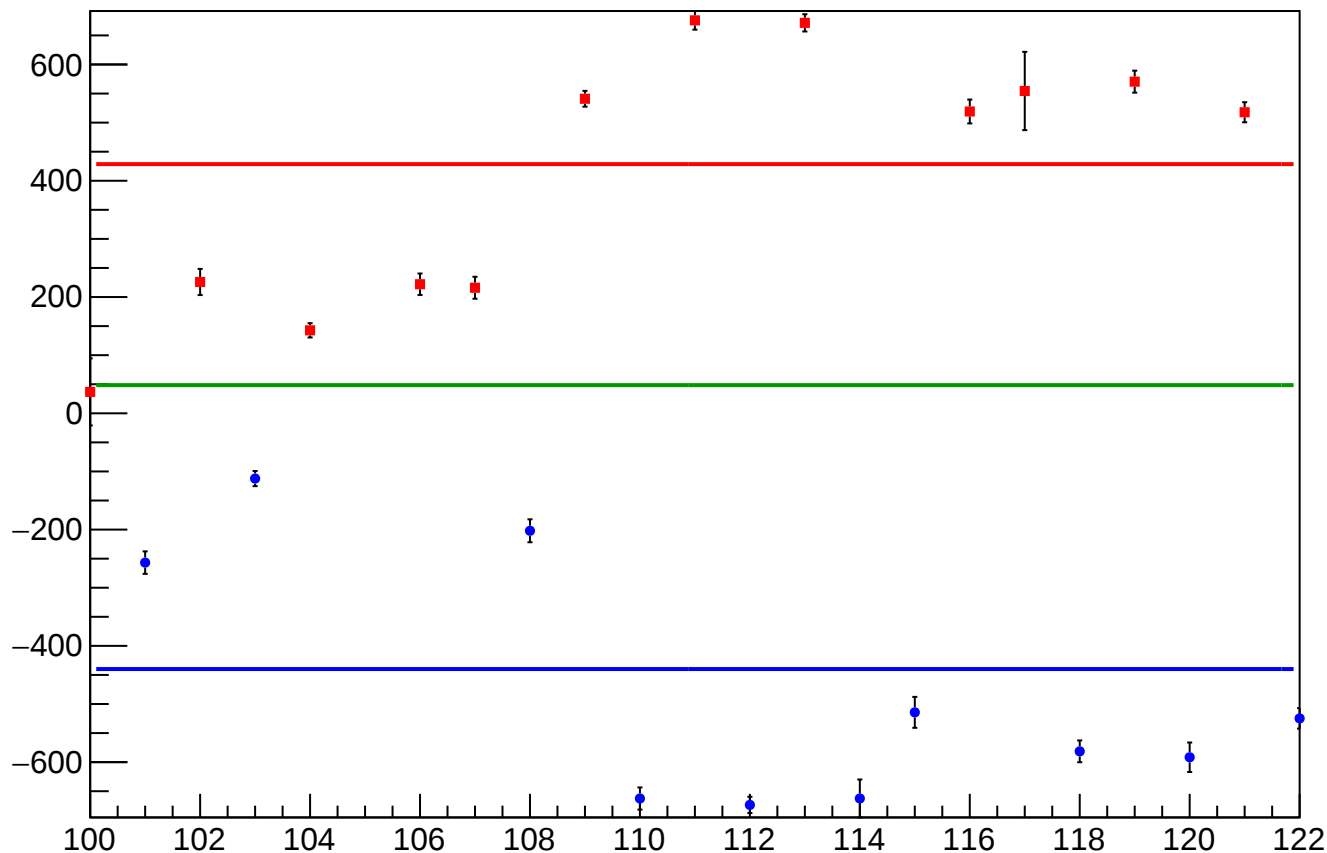
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-13.439+/-0.081 χ^2/NDF : 25099.1/9

-0.522+/-0.055 χ^2/NDF : 119077.3/21

10.343+/-0.074 χ^2/NDF : 47014.9/11

reg_asym_atr2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -439.857+/-5.874 χ^2 /NDF: 1454.5/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 428.609+/-5.183 χ^2 /NDF: 1600.3/11

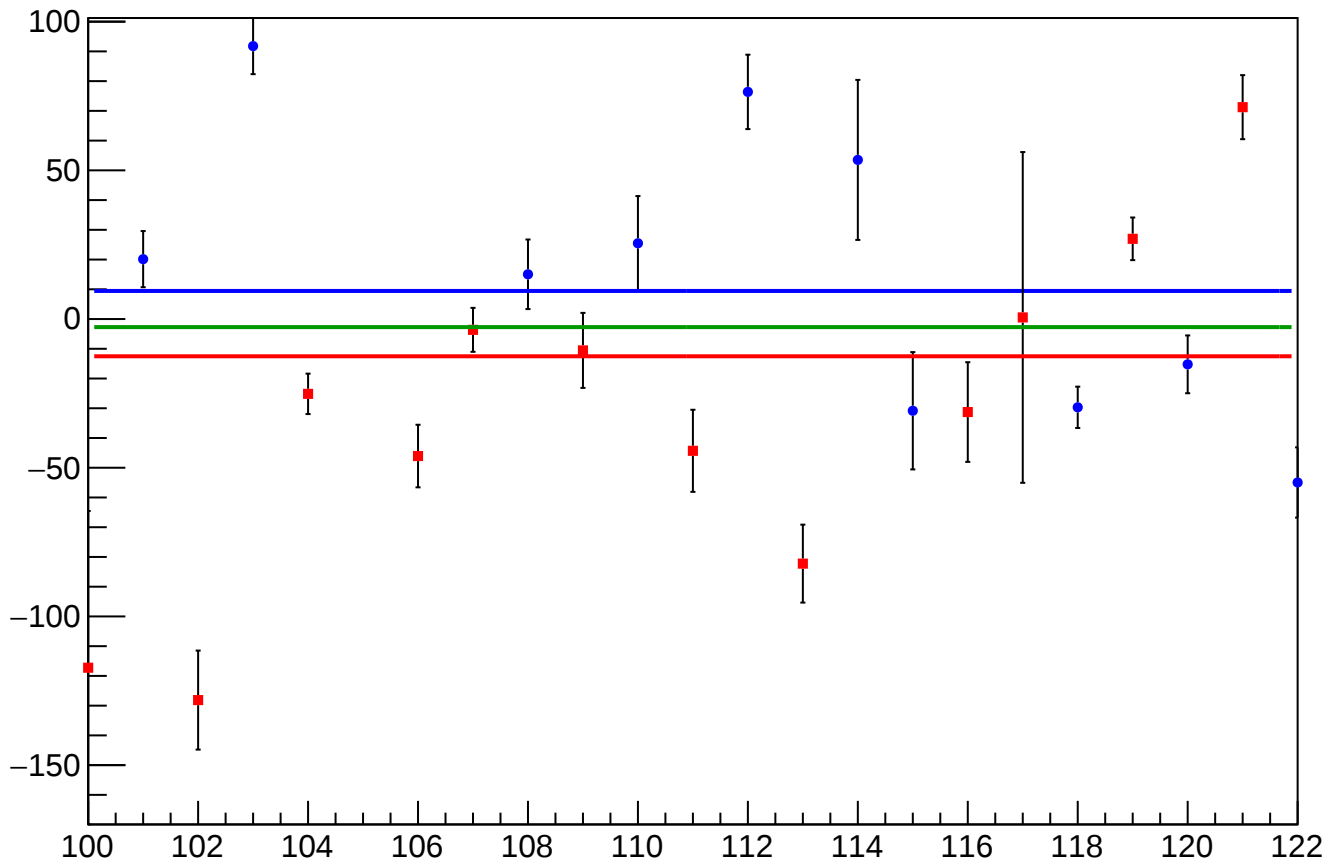
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-439.857+/-5.874 χ^2 /NDF: 1454.5/9

48.466+/-3.886 χ^2 /NDF: 15344.5/21

428.609+/-5.183 χ^2 /NDF: 1600.3/11

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.449+/-3.481 χ^2/NDF : 182.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.521+/-3.126 χ^2/NDF : 193.1/11

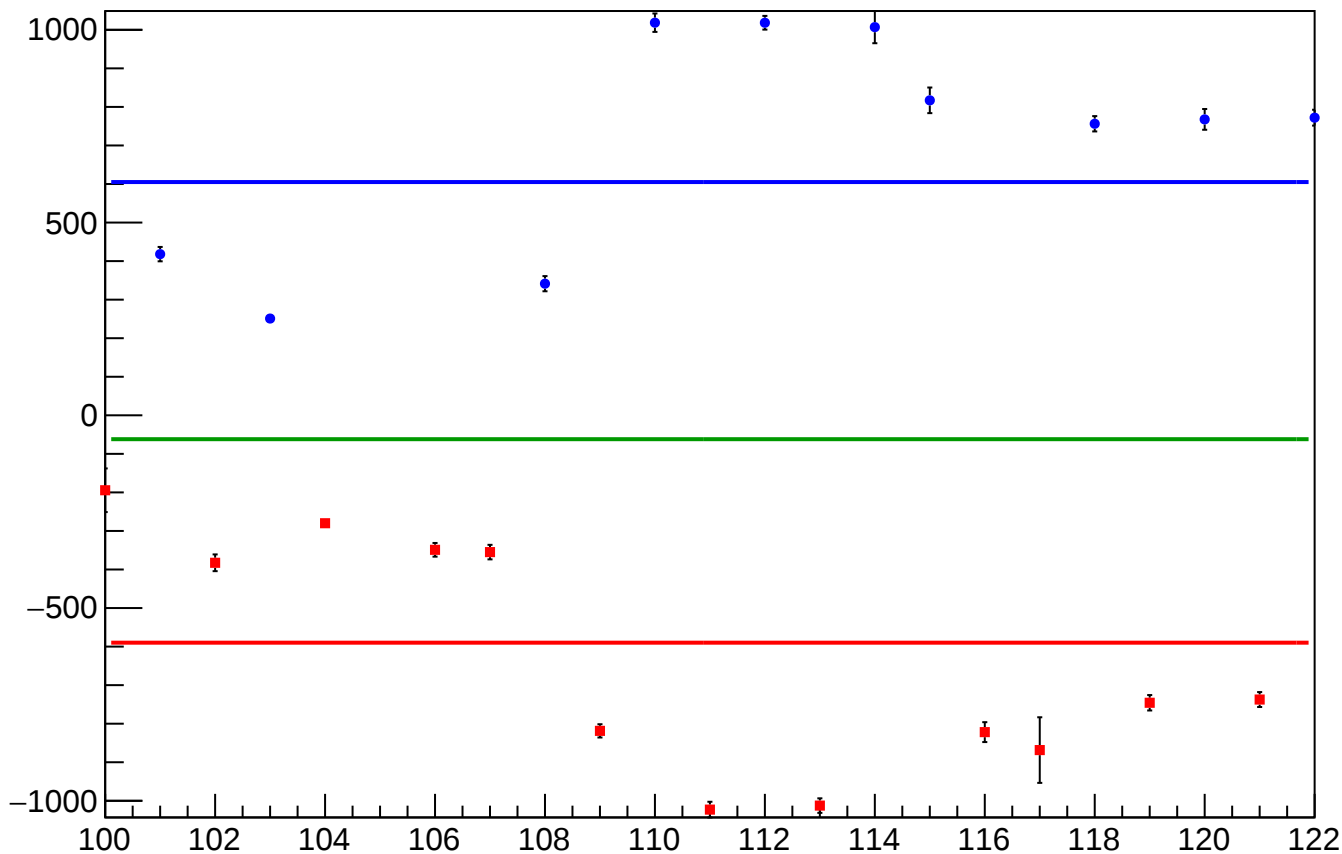
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.449+/-3.481 χ^2/NDF : 182.0/9

-2.711+/-2.326 χ^2/NDF : 397.1/21

-12.521+/-3.126 χ^2/NDF : 193.1/11

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 605.087+/-6.397 χ^2/NDF : 2204.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -589.833+/-5.690 χ^2/NDF : 2499.3/11

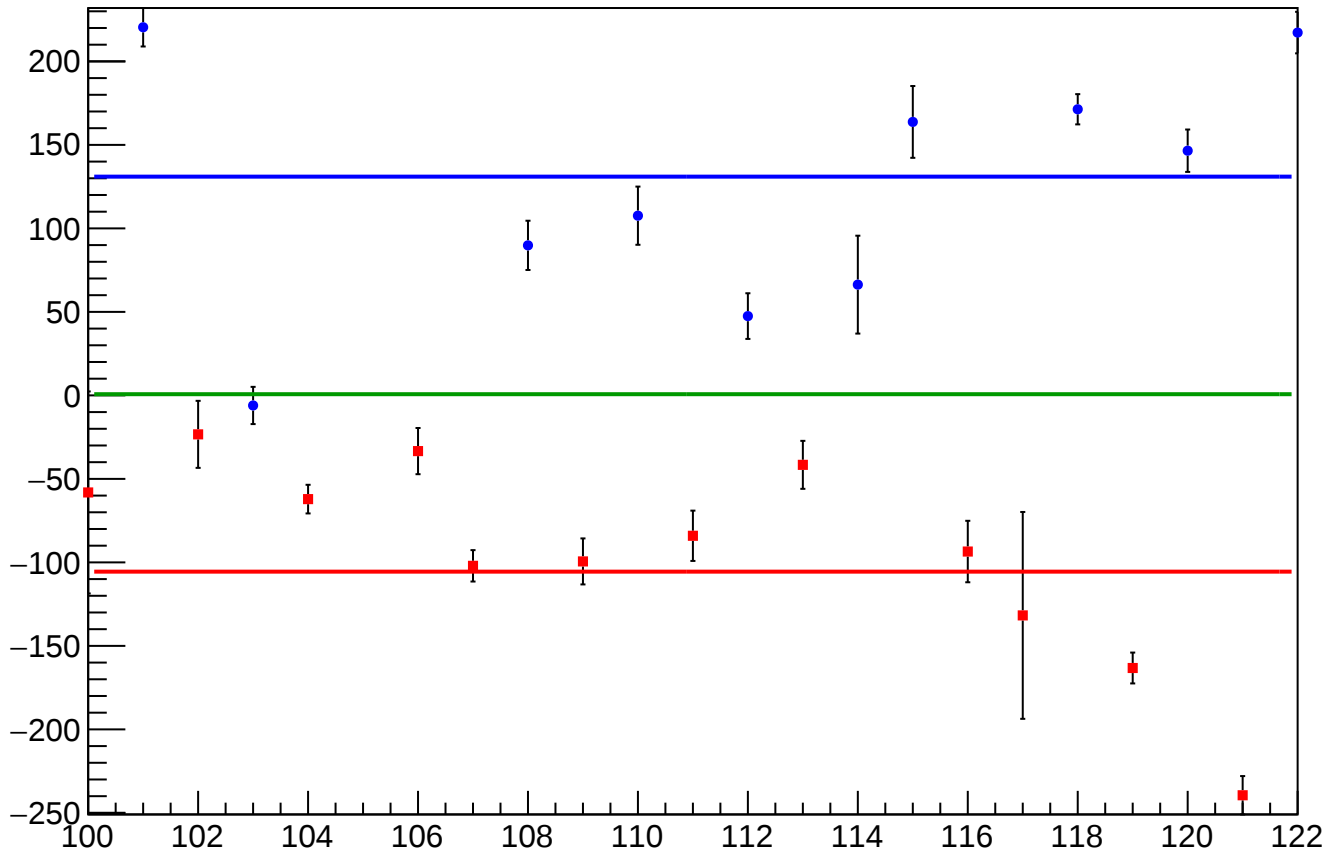
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

605.087+/-6.397 χ^2/NDF : 2204.0/9

-61.955+/-4.252 χ^2/NDF : 24183.5/21

-589.833+/-5.690 χ^2/NDF : 2499.3/11

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 130.989+/-4.187 χ^2/NDF : 335.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -105.542+/-3.782 χ^2/NDF : 267.9/11

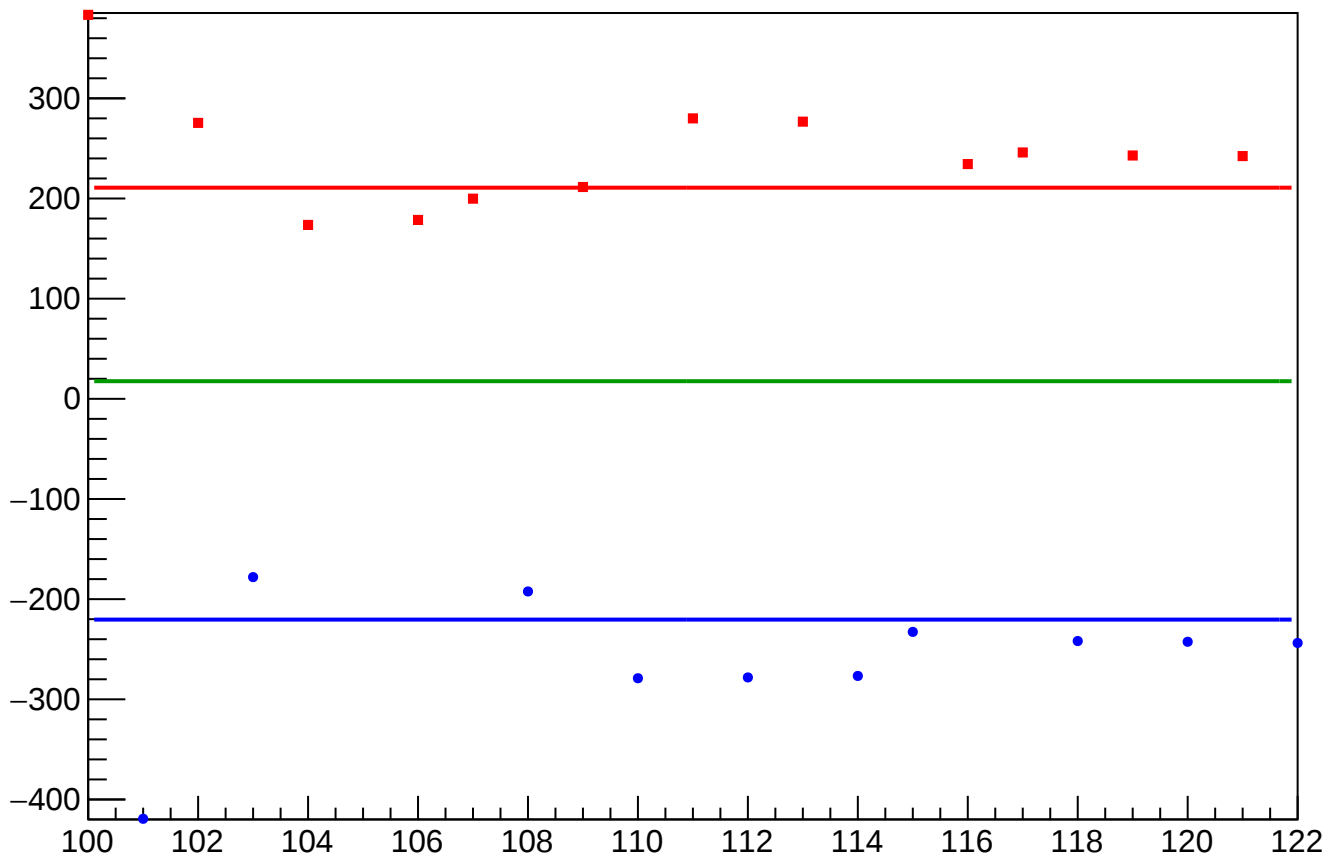
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

130.989+/-4.187 χ^2/NDF : 335.0/9

0.713+/-2.807 χ^2/NDF : 2360.2/21

-105.542+/-3.782 χ^2/NDF : 267.9/11

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -220.405+/-0.195 χ^2 /NDF: 124601.0/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 210.811+/-0.176 χ^2 /NDF: 59435.5/11

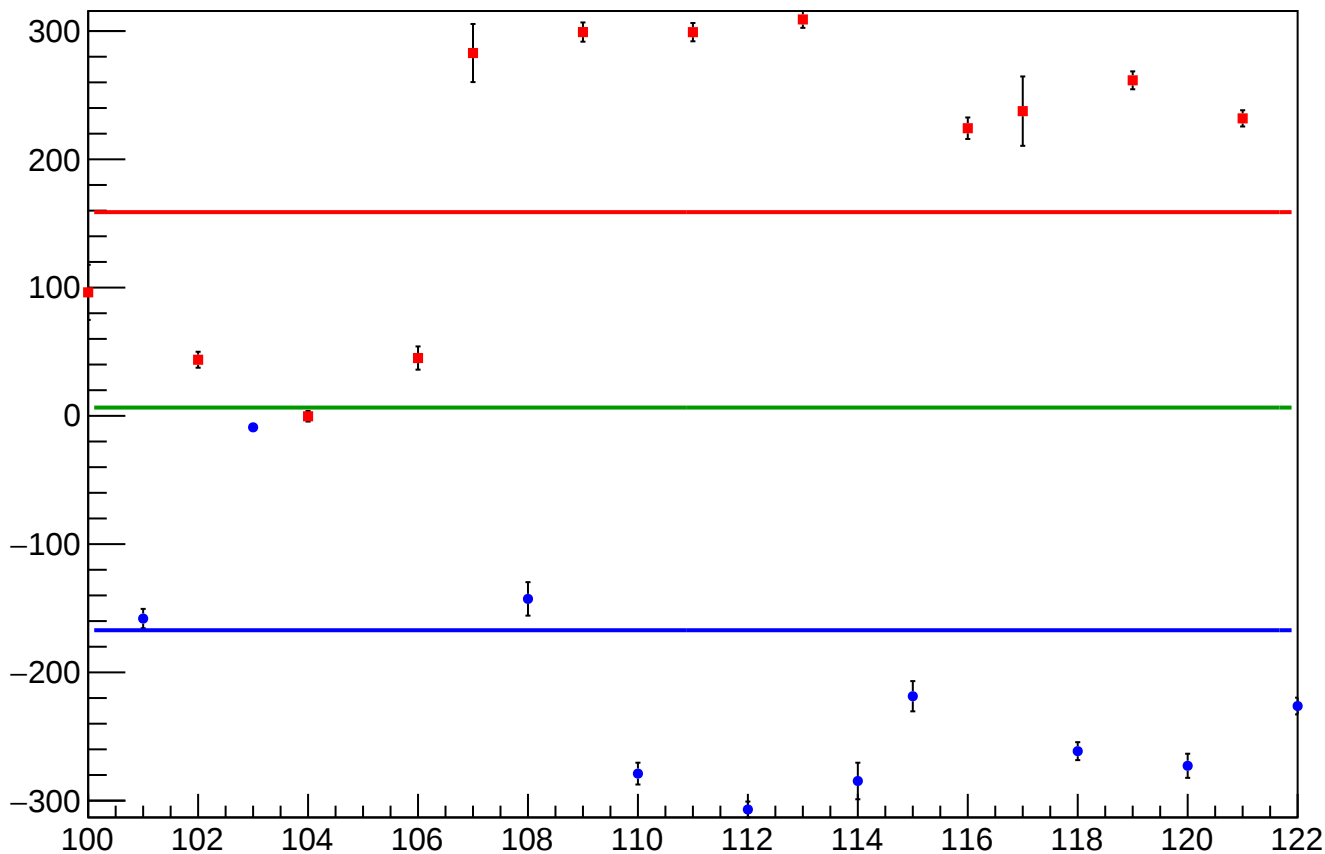
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-220.405+/-0.195 χ^2 /NDF: 124601.0/9

17.612+/-0.131 χ^2 /NDF: 2879043.0/21

210.811+/-0.176 χ^2 /NDF: 59435.5/11

reg_asym_atl_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -167.139+/-2.259 χ^2 /NDF: 2800.0/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 158.824+/-2.116 χ^2 /NDF: 3725.4/11

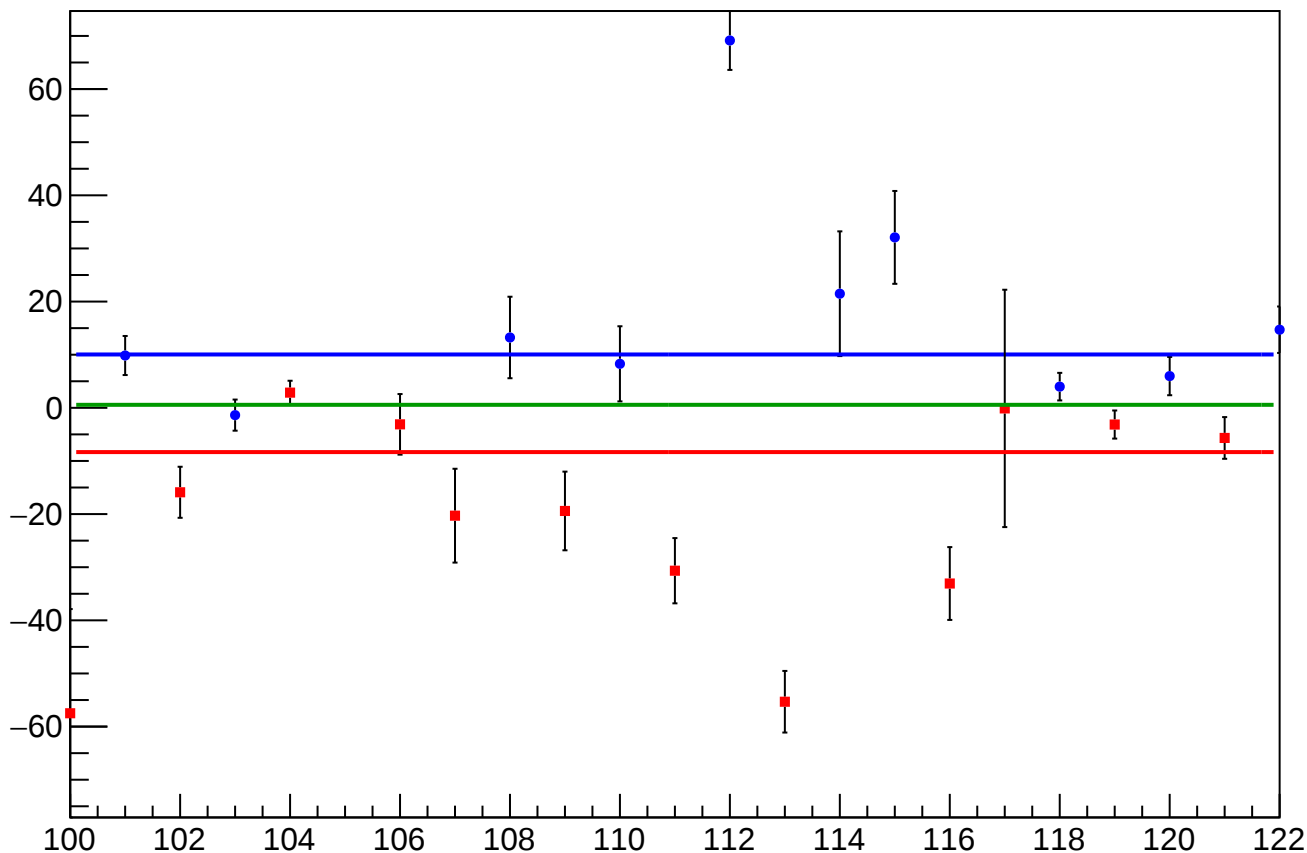
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-167.139+/-2.259 χ^2 /NDF: 2800.0/9

6.461+/-1.544 χ^2 /NDF: 17617.0/21

158.824+/-2.116 χ^2 /NDF: 3725.4/11

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.042 ± 1.338 χ^2/NDF : 144.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.331 ± 1.297 χ^2/NDF : 135.1/11

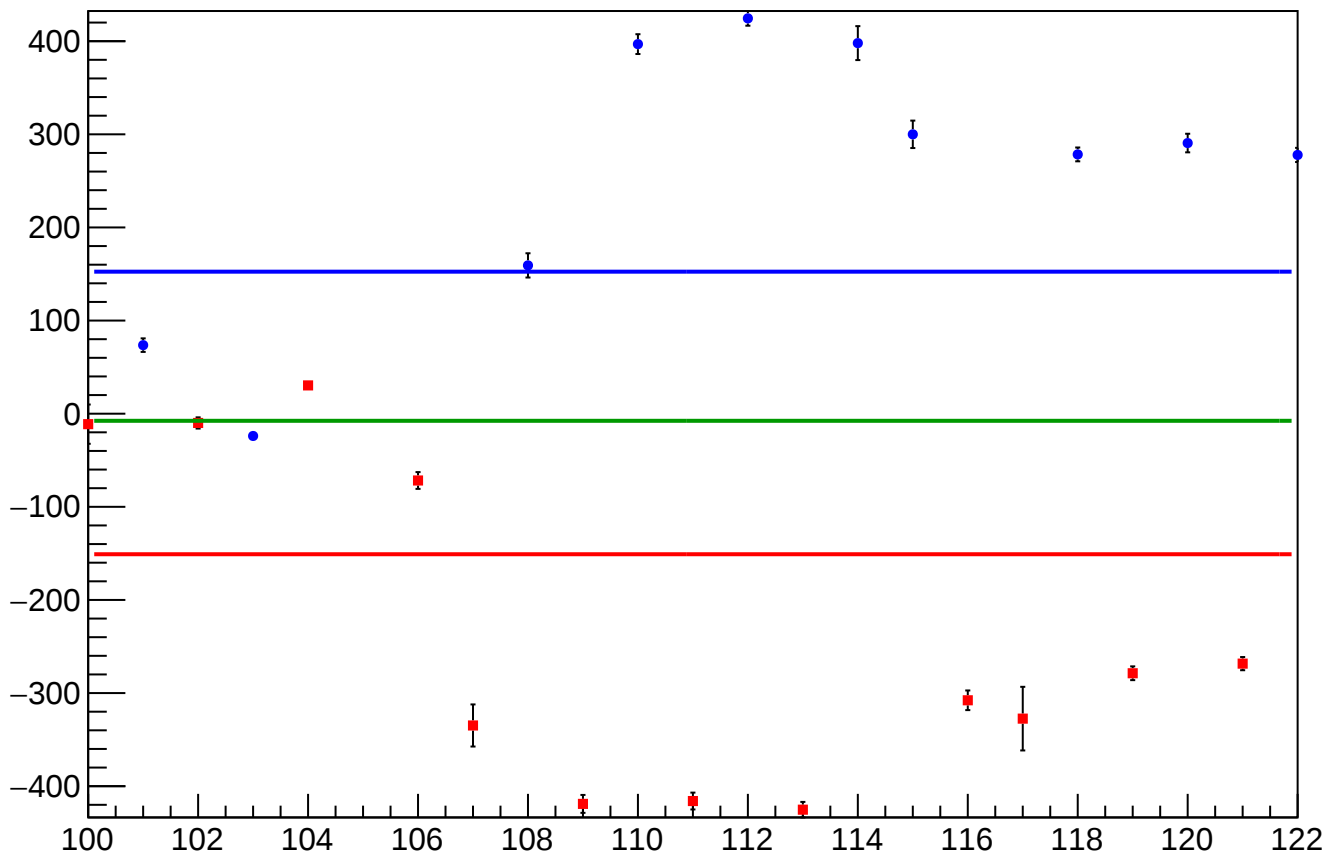
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

10.042 ± 1.338 χ^2/NDF : 144.3/9

0.566 ± 0.931 χ^2/NDF : 376.6/21

-8.331 ± 1.297 χ^2/NDF : 135.1/11

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 152.508 $\pm$ 2.406 χ^2 /NDF: 5042.9/9

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

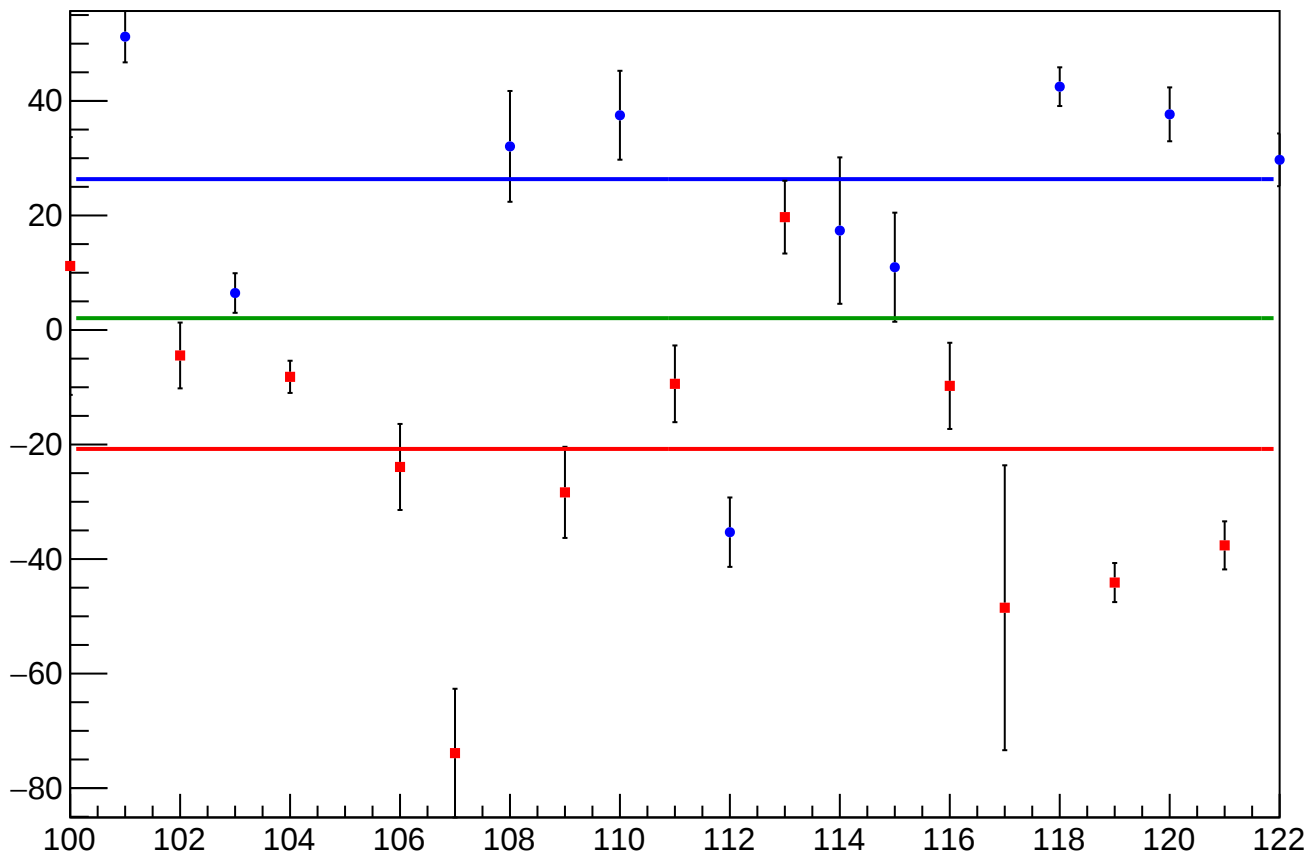
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

152.508 $\pm$ 2.406 χ^2 /NDF: 5042.9/9

-7.639 $\pm$ 1.654 χ^2 /NDF: 19791.6/21

-150.919 $\pm$ 2.276 χ^2 /NDF: 6357.8/11

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 26.347+/-1.612 χ^2 /NDF: 202.0/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -20.769+/-1.563 χ^2 /NDF: 163.3/11

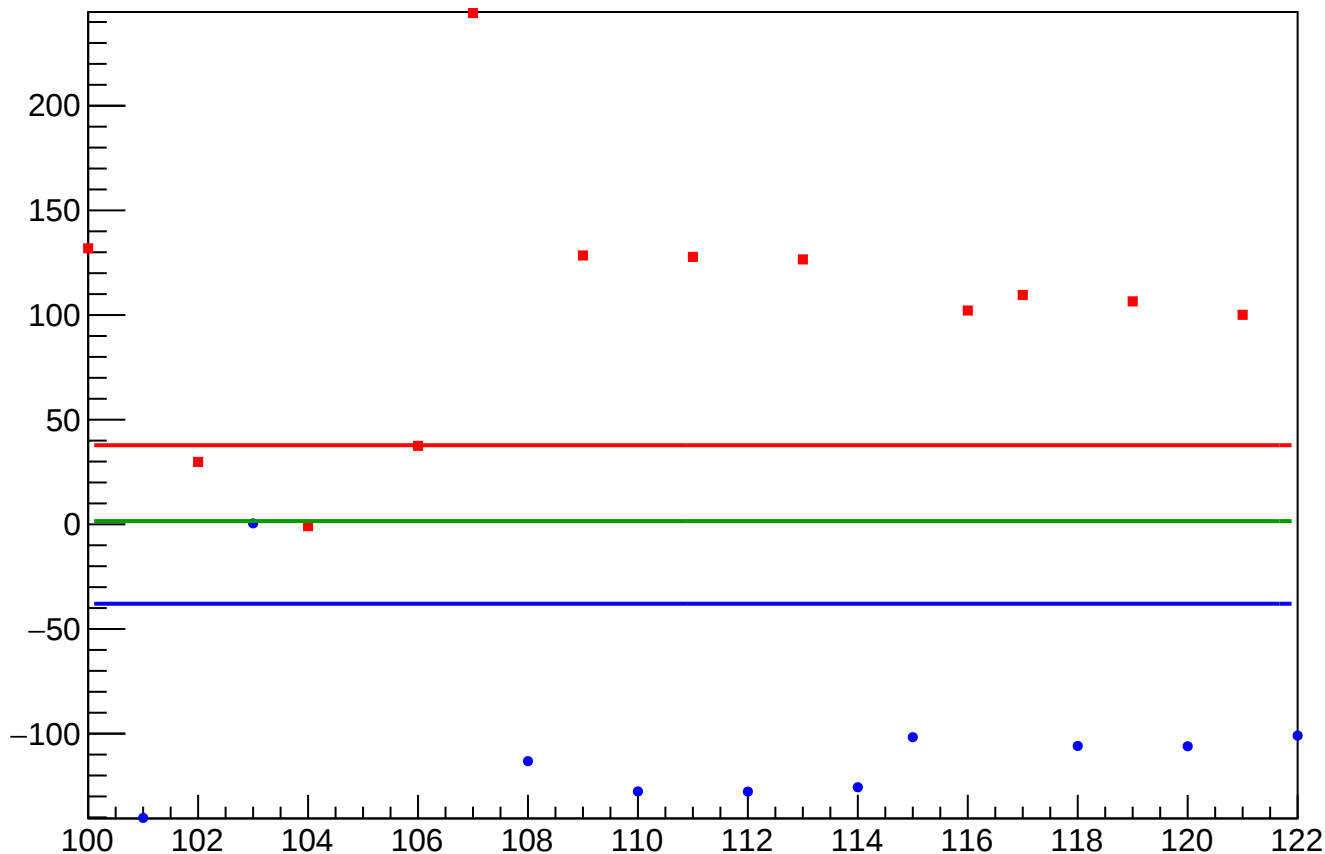
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

26.347+/-1.612 χ^2 /NDF: 202.0/9

2.067+/-1.122 χ^2 /NDF: 805.7/21

-20.769+/-1.563 χ^2 /NDF: 163.3/11

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -37.929+/-0.070 χ^2/NDF : 645273.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.802+/-0.067 χ^2/NDF : 586443.2/11

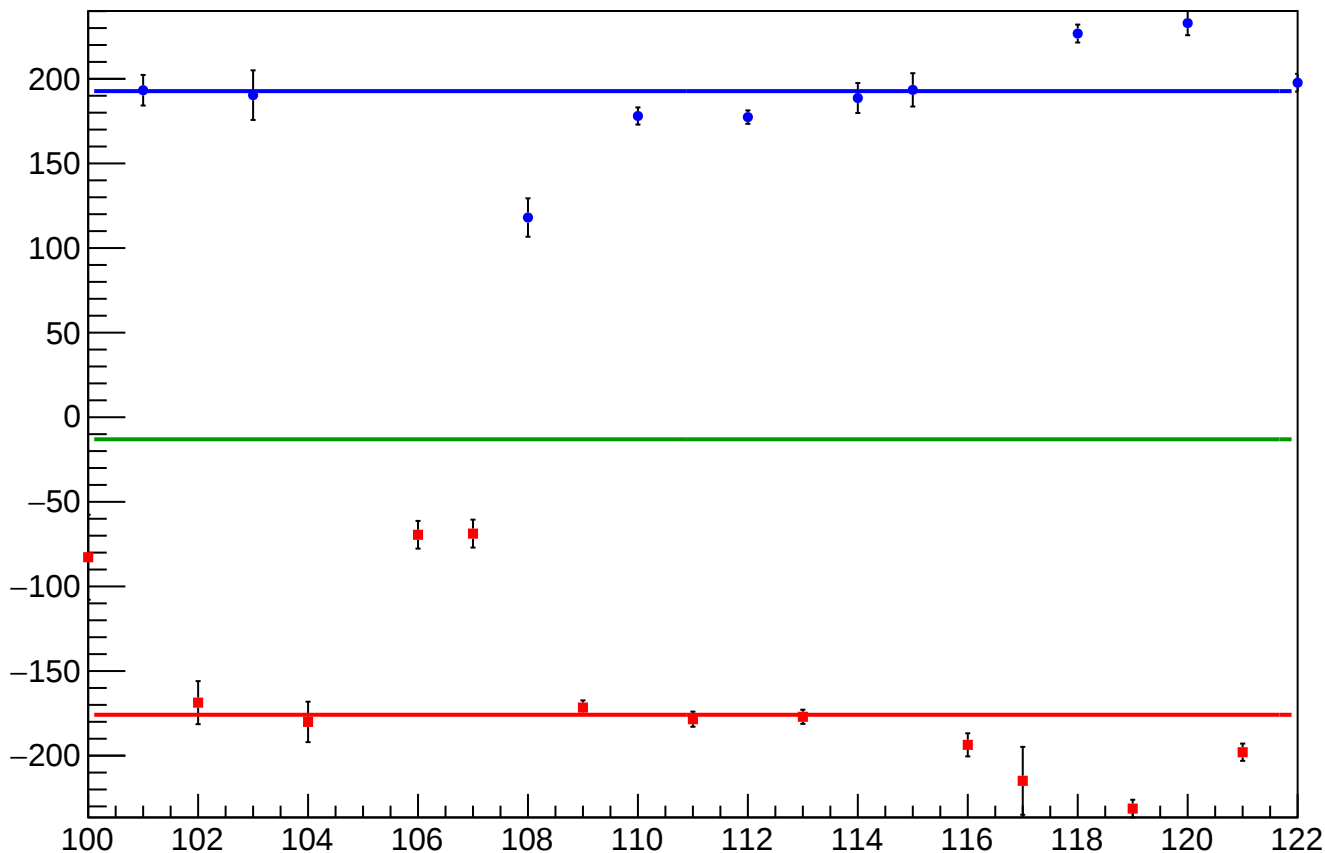
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-37.929+/-0.070 χ^2/NDF : 645273.4/9

1.534+/-0.048 χ^2/NDF : 1846546.7/21

37.802+/-0.067 χ^2/NDF : 586443.2/11

reg_asym_atl_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 192.733 ± 2.034 χ^2/NDF : 140.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -175.844 ± 1.809 χ^2/NDF : 494.1/11

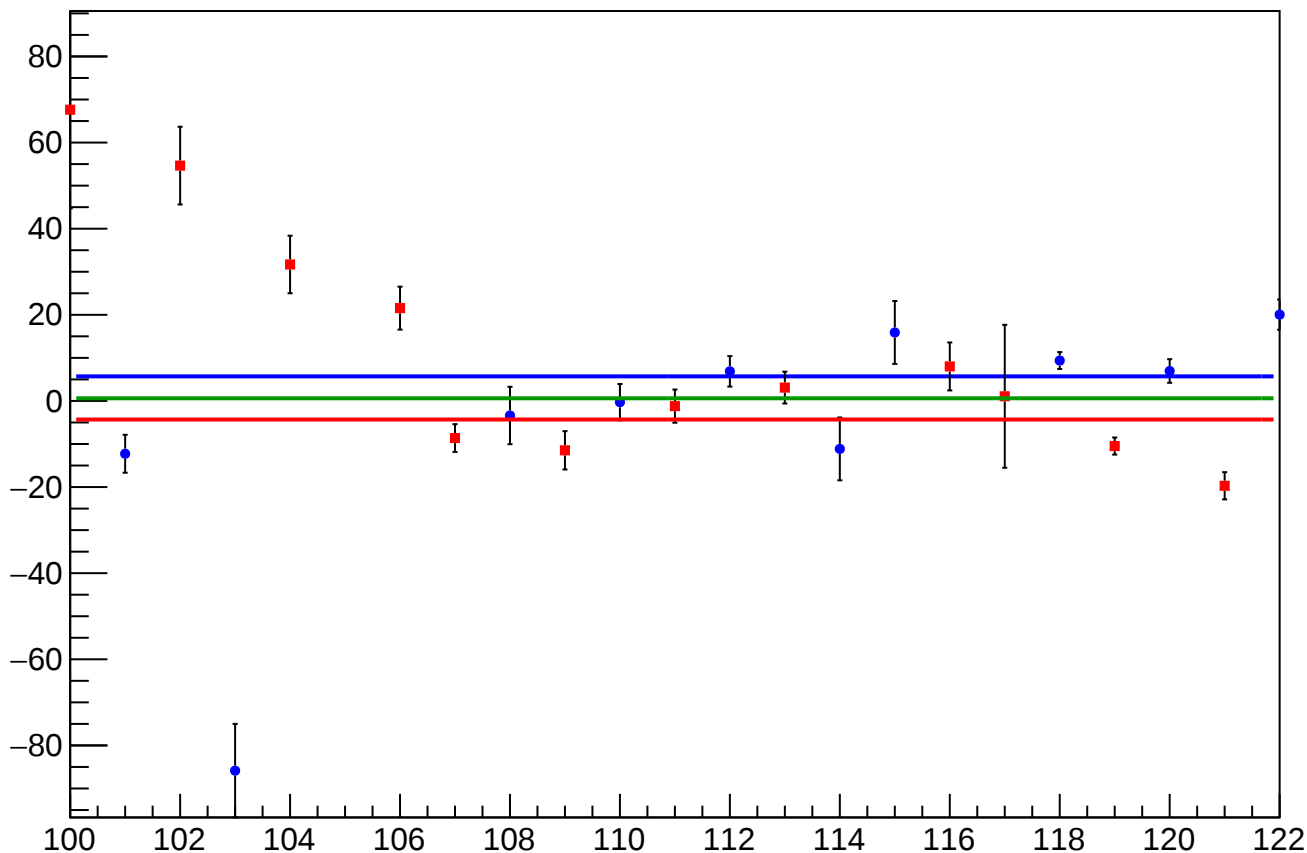
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

192.733 ± 2.034 χ^2/NDF : 140.6/9

-13.039 ± 1.352 χ^2/NDF : 18964.7/21

-175.844 ± 1.809 χ^2/NDF : 494.1/11

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.708 $\pm$ 1.171 χ^2/NDF : 119.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -4.317 $\pm$ 1.152 χ^2/NDF : 155.8/11

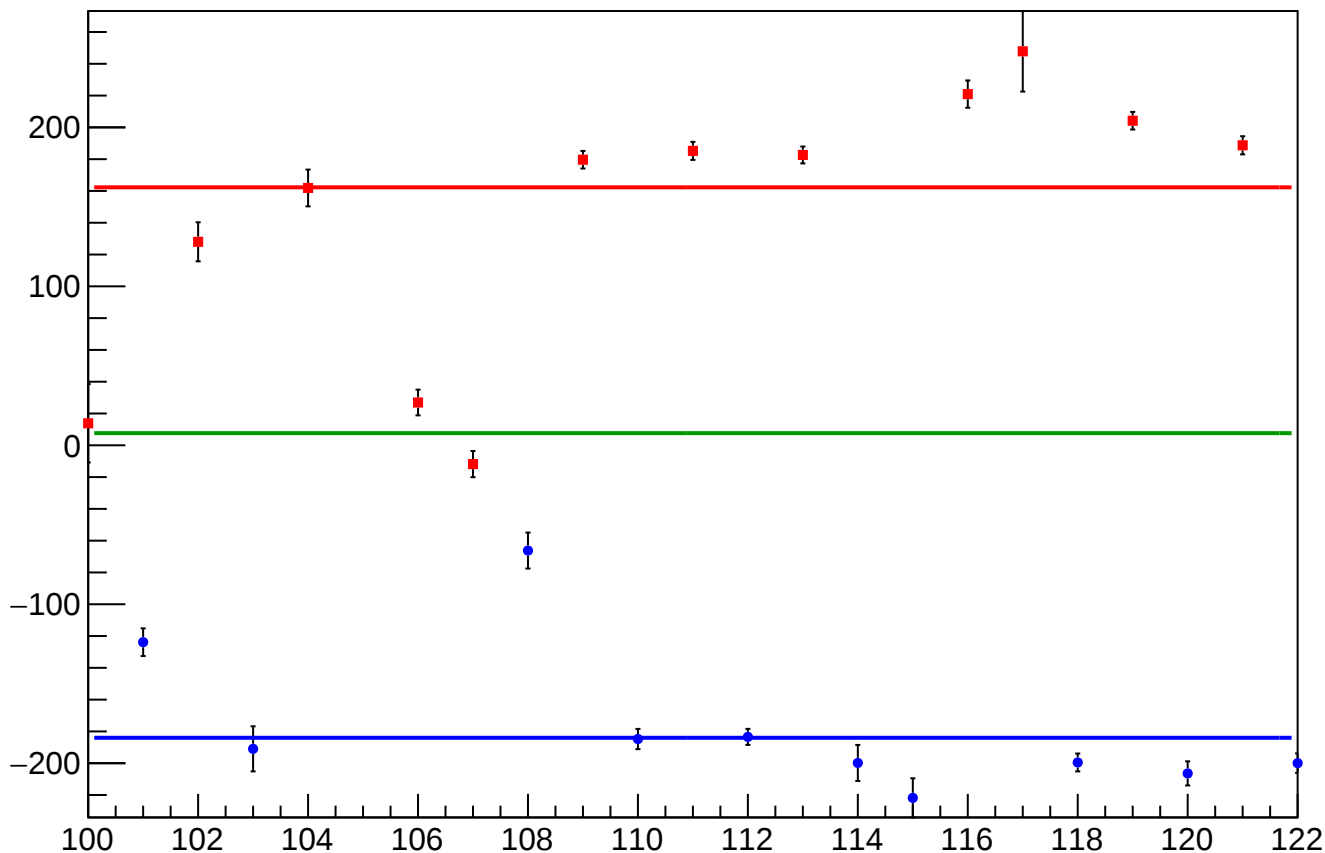
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

5.708 $\pm$ 1.171 χ^2/NDF : 119.3/9

0.614 $\pm$ 0.821 χ^2/NDF : 312.3/21

-4.317 $\pm$ 1.152 χ^2/NDF : 155.8/11

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -184.001+/-2.356 χ^2/NDF : 190.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 162.279+/-2.117 χ^2/NDF : 947.5/11

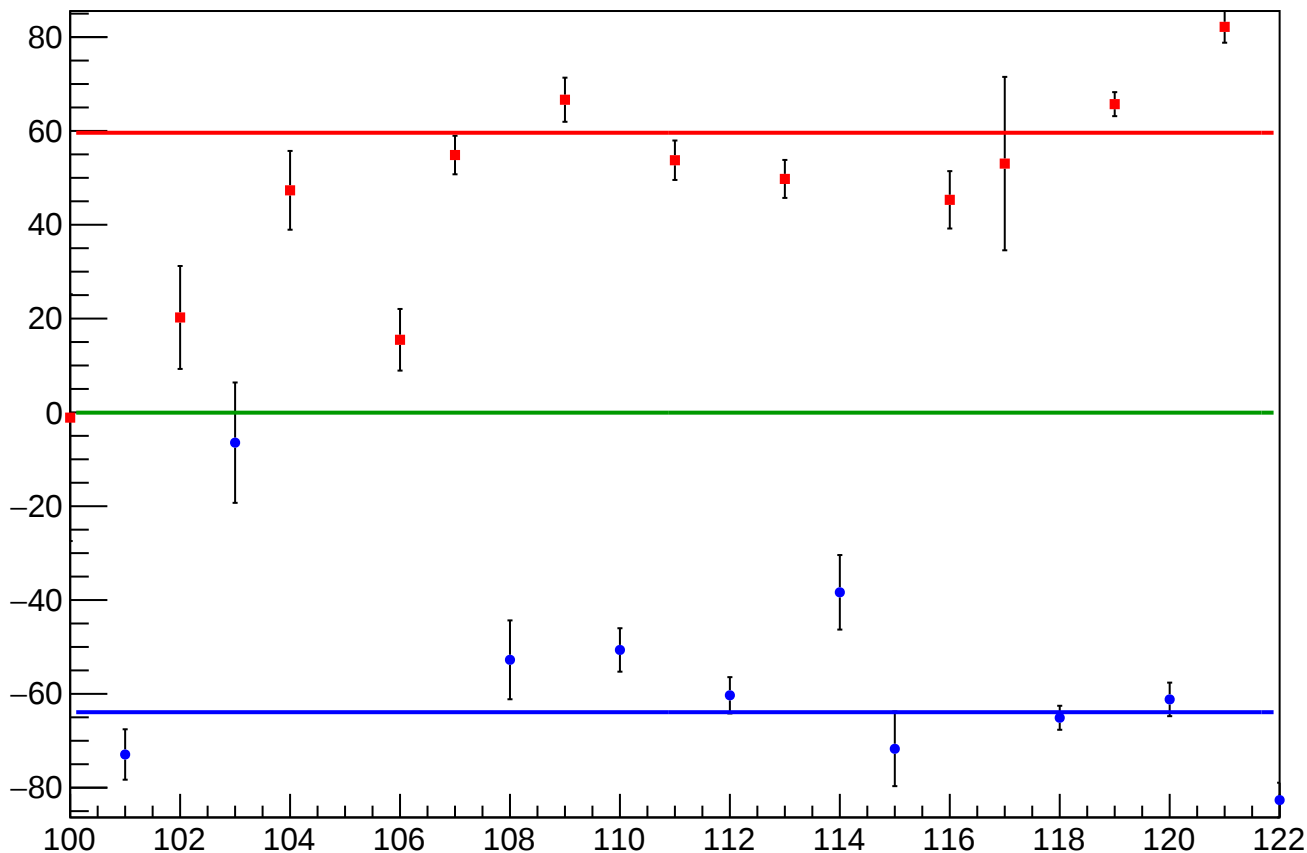
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-184.001+/-2.356 χ^2/NDF : 190.7/9

7.635+/-1.575 χ^2/NDF : 13088.8/21

162.279+/-2.117 χ^2/NDF : 947.5/11

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.909 ± 1.409 χ^2/NDF : 71.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 59.612 ± 1.362 χ^2/NDF : 132.8/11

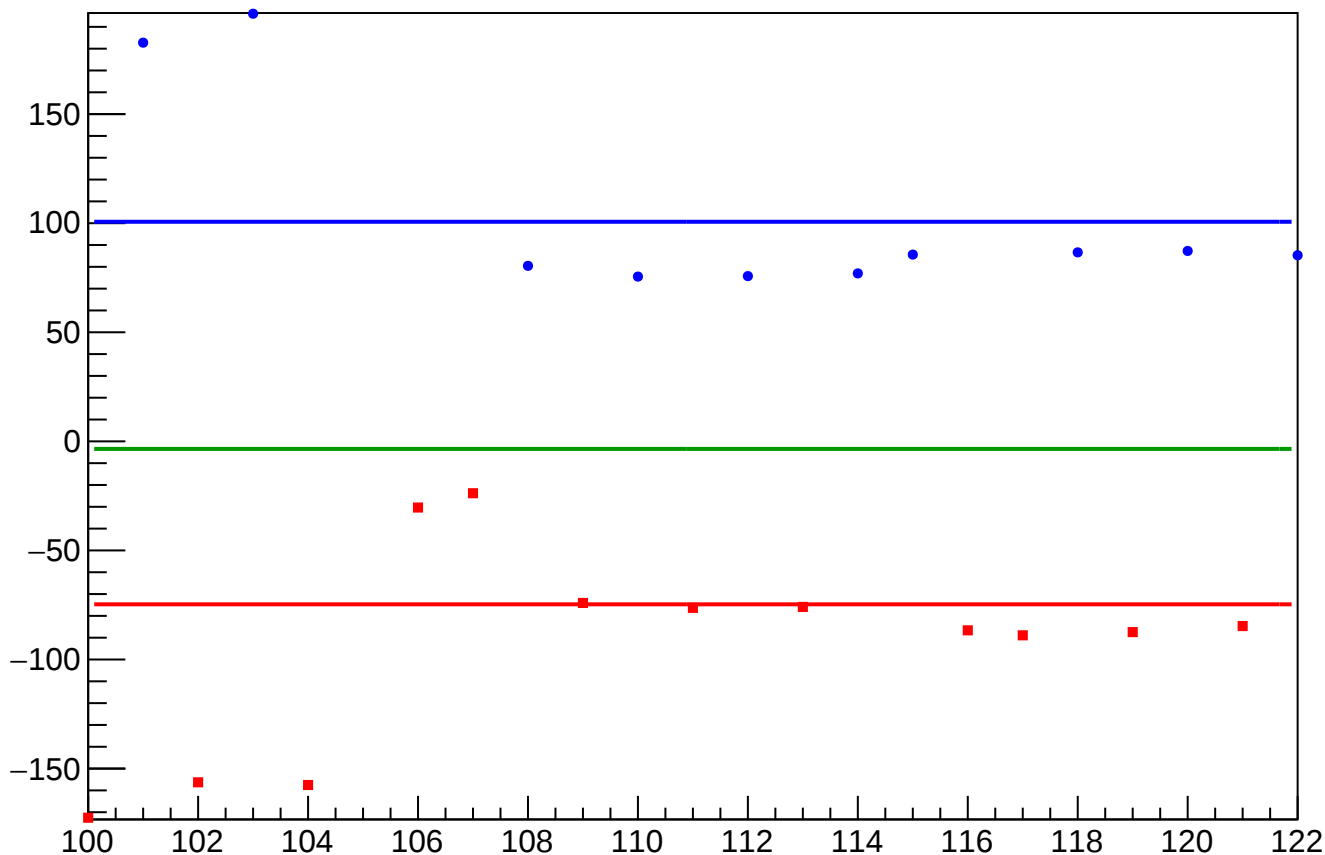
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-63.909 ± 1.409 χ^2/NDF : 71.4/9

-0.056 ± 0.979 χ^2/NDF : 4177.2/21

59.612 ± 1.362 χ^2/NDF : 132.8/11

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 100.655+/-0.094 χ^2/NDF : 193957.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -74.706+/-0.078 χ^2/NDF : 301683.4/11

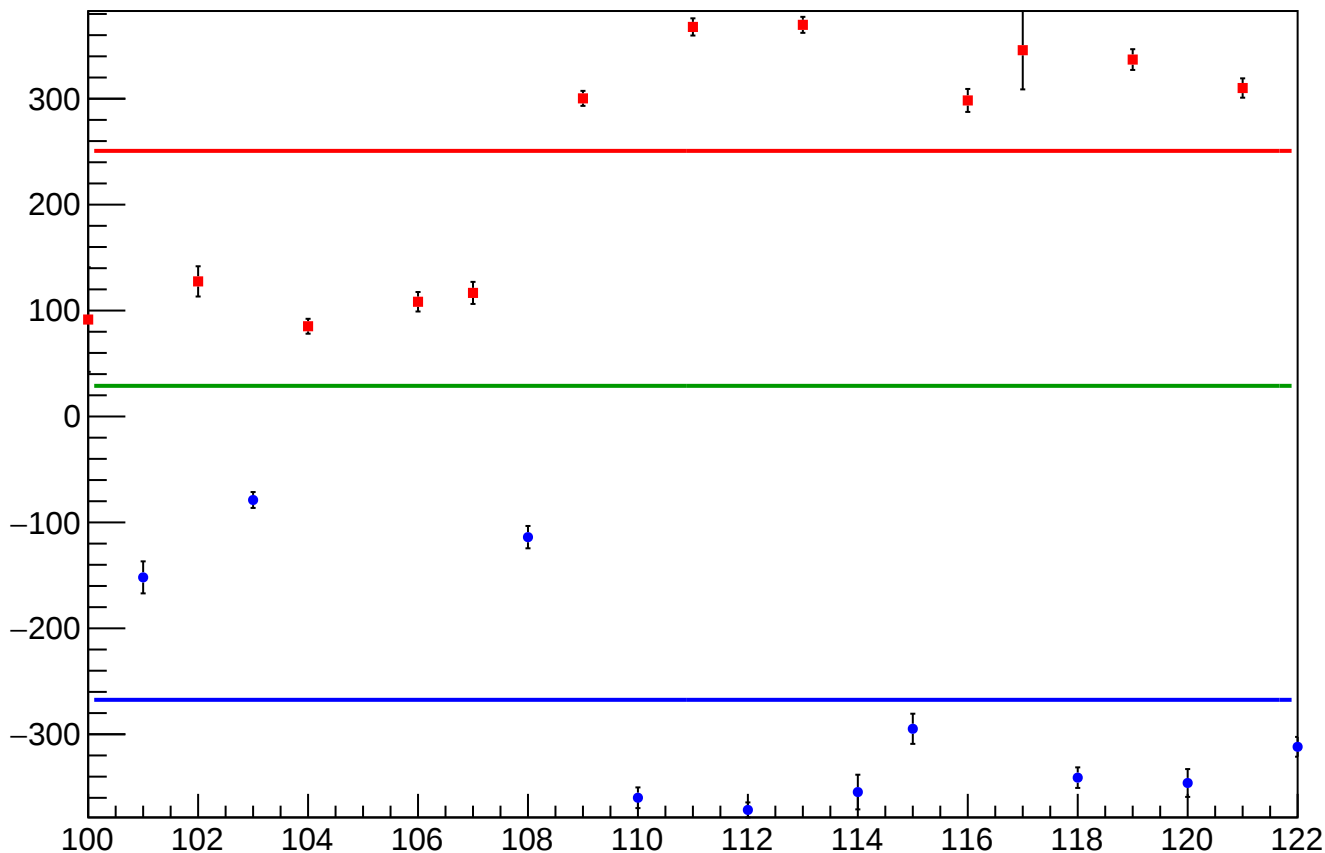
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

100.655+/-0.094 χ^2/NDF : 193957.9/9

-3.458+/-0.060 χ^2/NDF : 2575484.8/21

-74.706+/-0.078 χ^2/NDF : 301683.4/11

reg_asym_atr_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -267.485+/-3.196 χ^2 /NDF: 1352.9/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 250.756+/-2.764 χ^2 /NDF: 1694.8/11

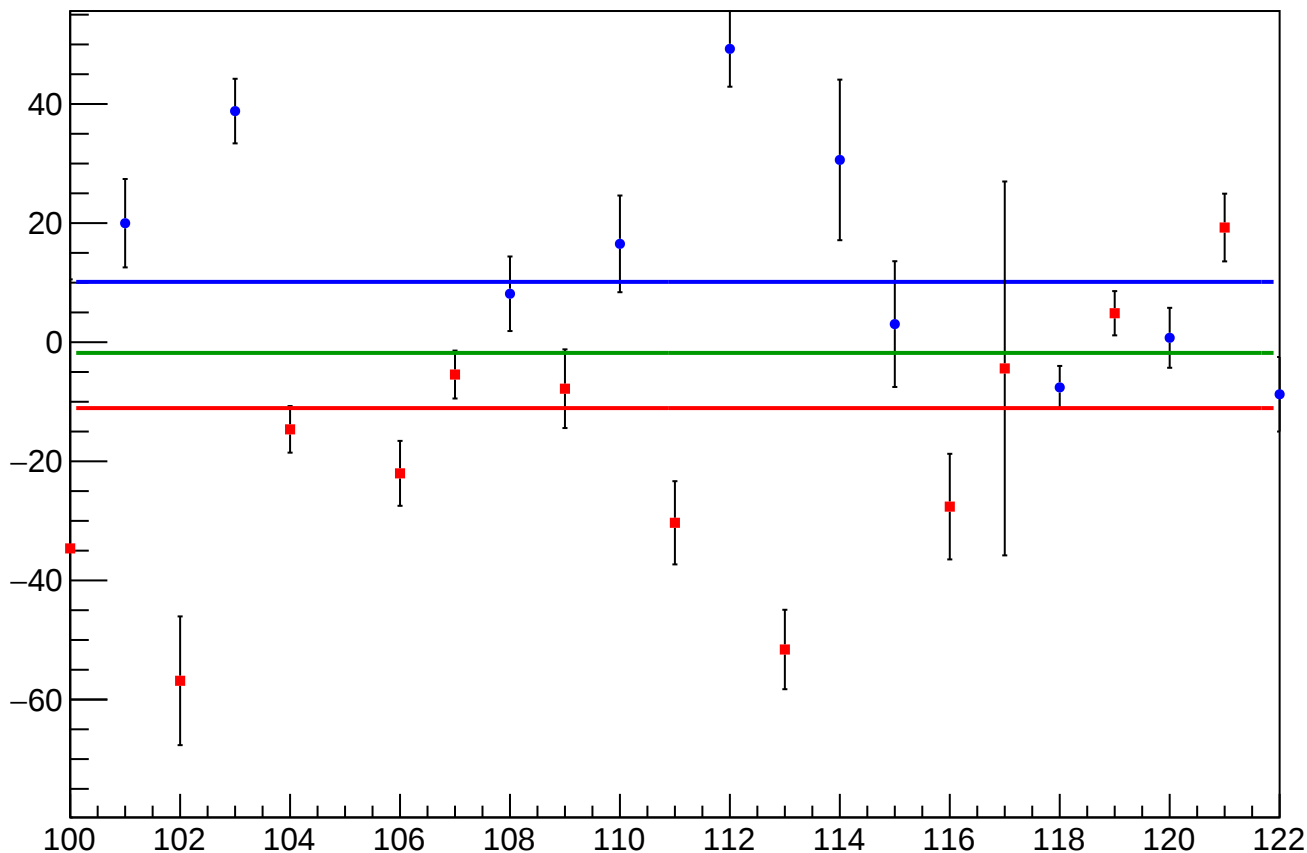
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-267.485+/-3.196 χ^2 /NDF: 1352.9/9

28.932+/-2.091 χ^2 /NDF: 18090.5/21

250.756+/-2.764 χ^2 /NDF: 1694.8/11

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.131+/-1.910 χ^2 /NDF: 107.9/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -11.062+/-1.683 χ^2 /NDF: 120.2/11

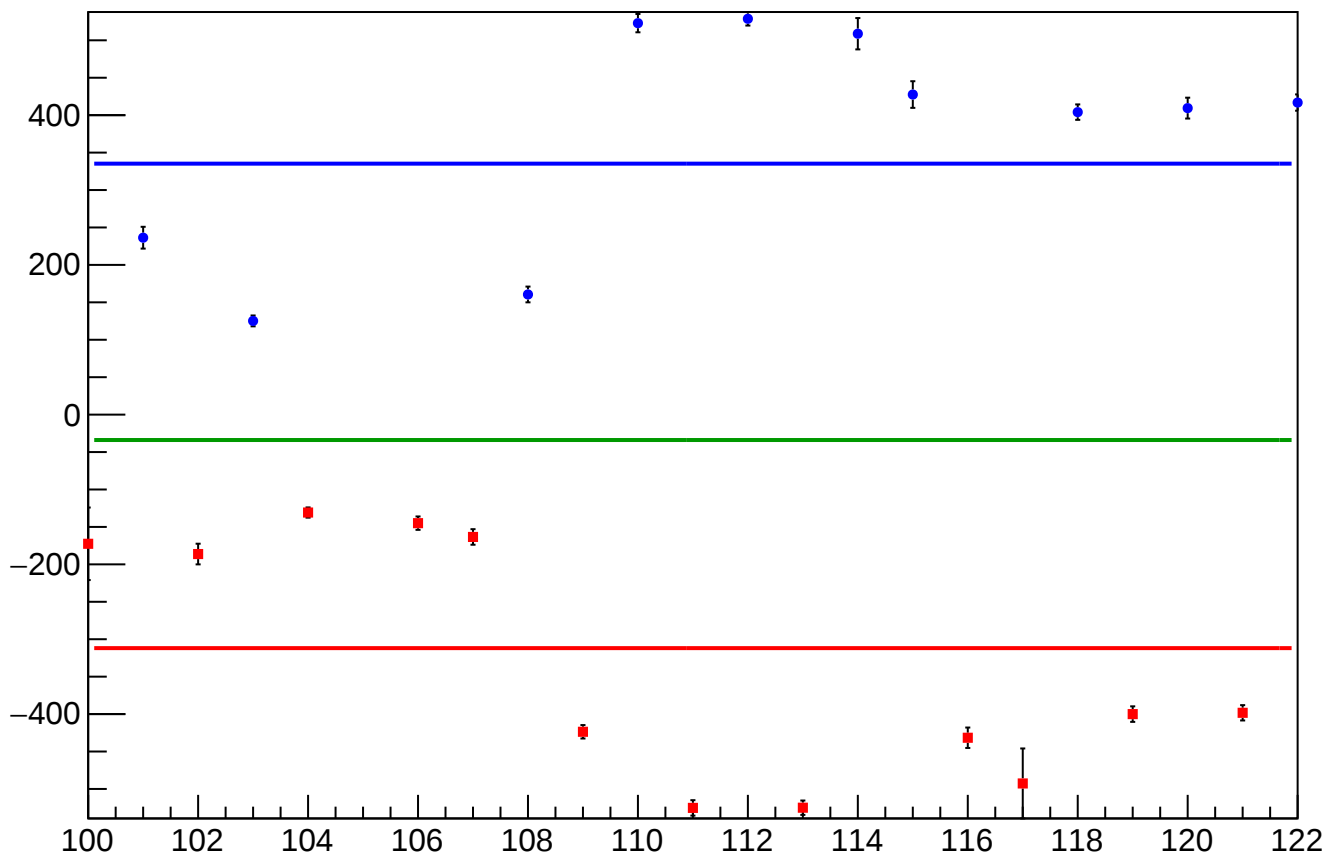
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

10.131+/-1.910 χ^2 /NDF: 107.9/9

-1.796+/-1.263 χ^2 /NDF: 297.4/21

-11.062+/-1.683 χ^2 /NDF: 120.2/11

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 335.237 ± 3.534 $\chi^2/\text{NDF}: 2077.1/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -311.895 ± 3.067 $\chi^2/\text{NDF}: 2663.7/11$

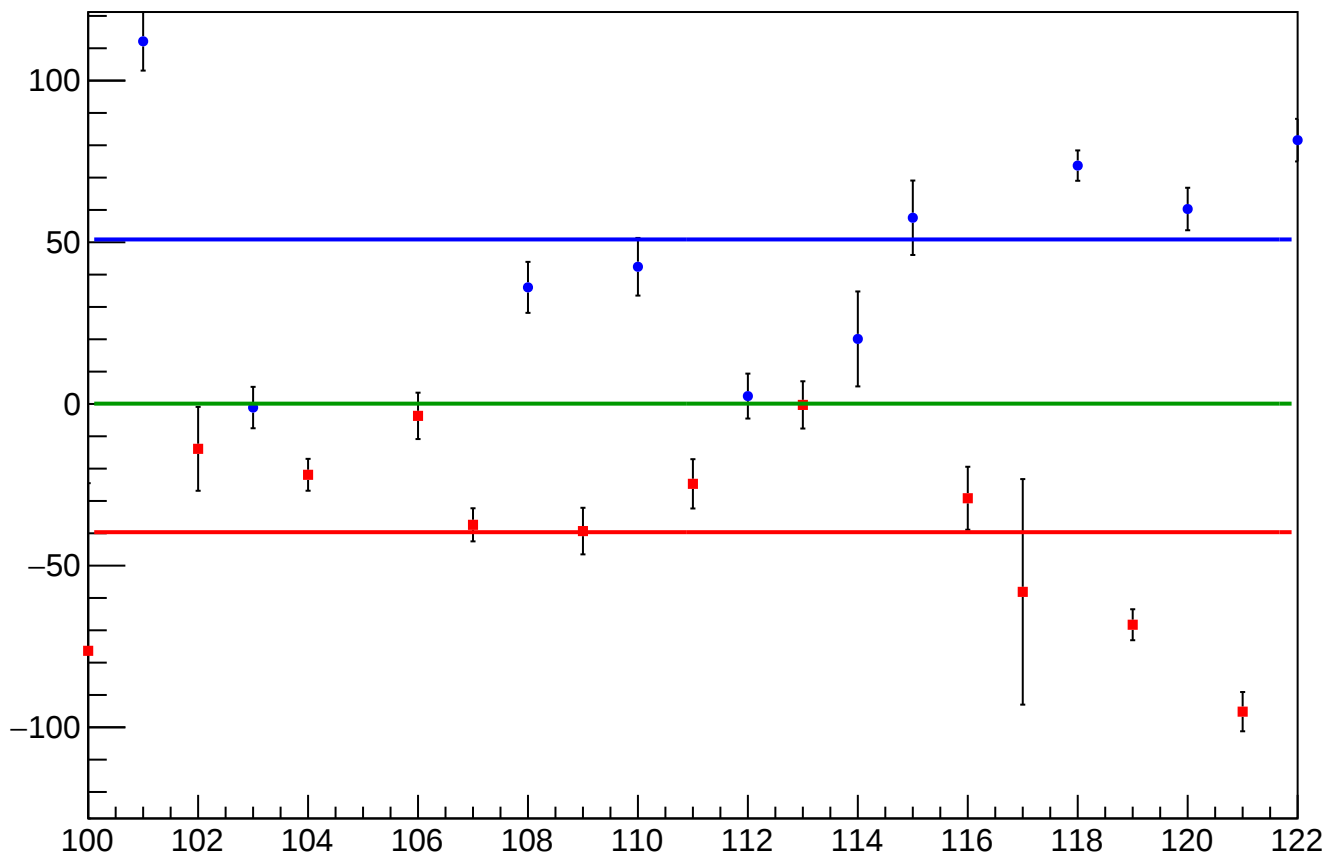
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

335.237 ± 3.534 $\chi^2/\text{NDF}: 2077.1/9$

-33.917 ± 2.316 $\chi^2/\text{NDF}: 23868.4/21$

-311.895 ± 3.067 $\chi^2/\text{NDF}: 2663.7/11$

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 50.875+/-2.296 χ^2 /NDF: 216.9/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -39.657+/-2.031 χ^2 /NDF: 196.3/11

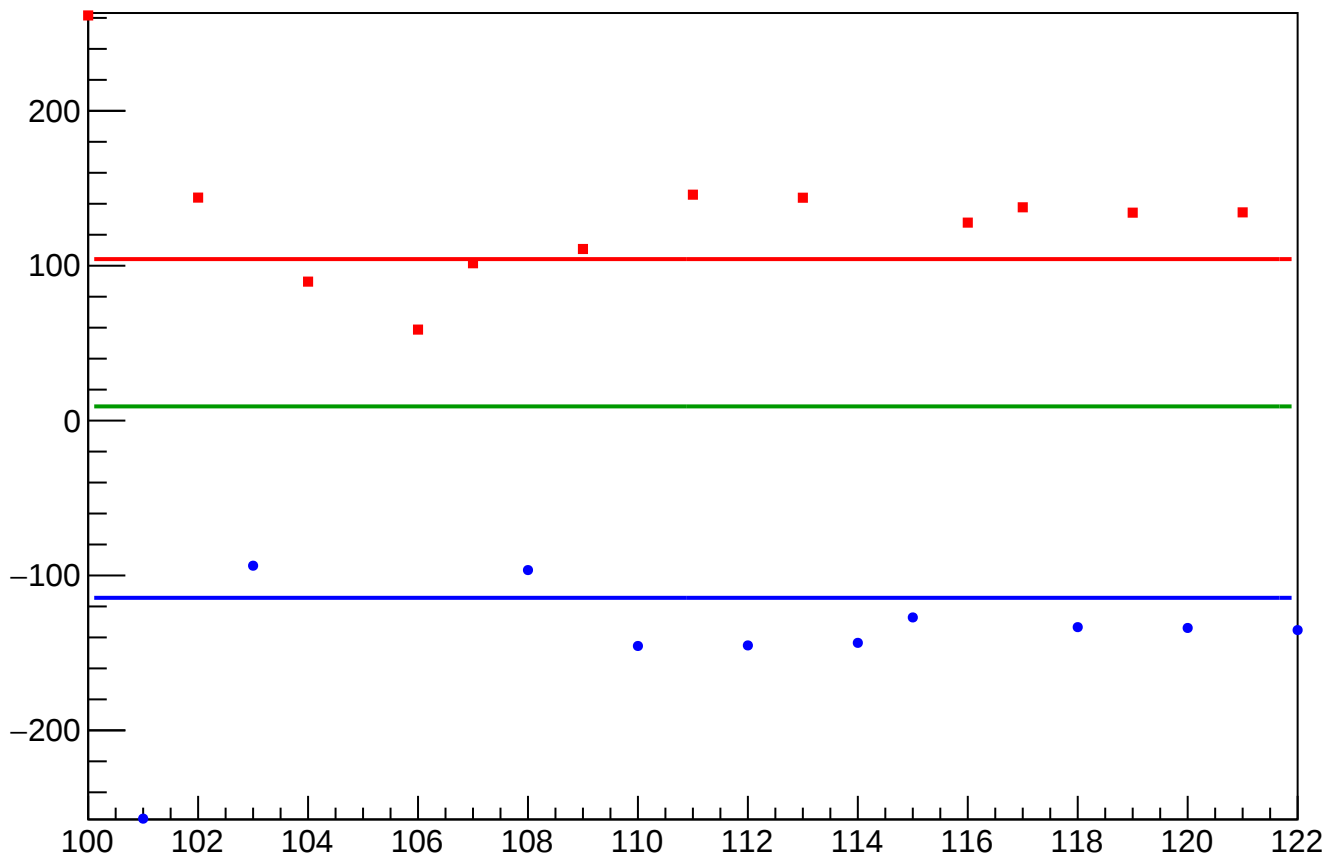
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

50.875+/-2.296 χ^2 /NDF: 216.9/9

0.096+/-1.521 χ^2 /NDF: 1285.4/21

-39.657+/-2.031 χ^2 /NDF: 196.3/11

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -114.427+/-0.110 χ^2/NDF : 110321.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.270+/-0.096 χ^2/NDF : 92979.5/11

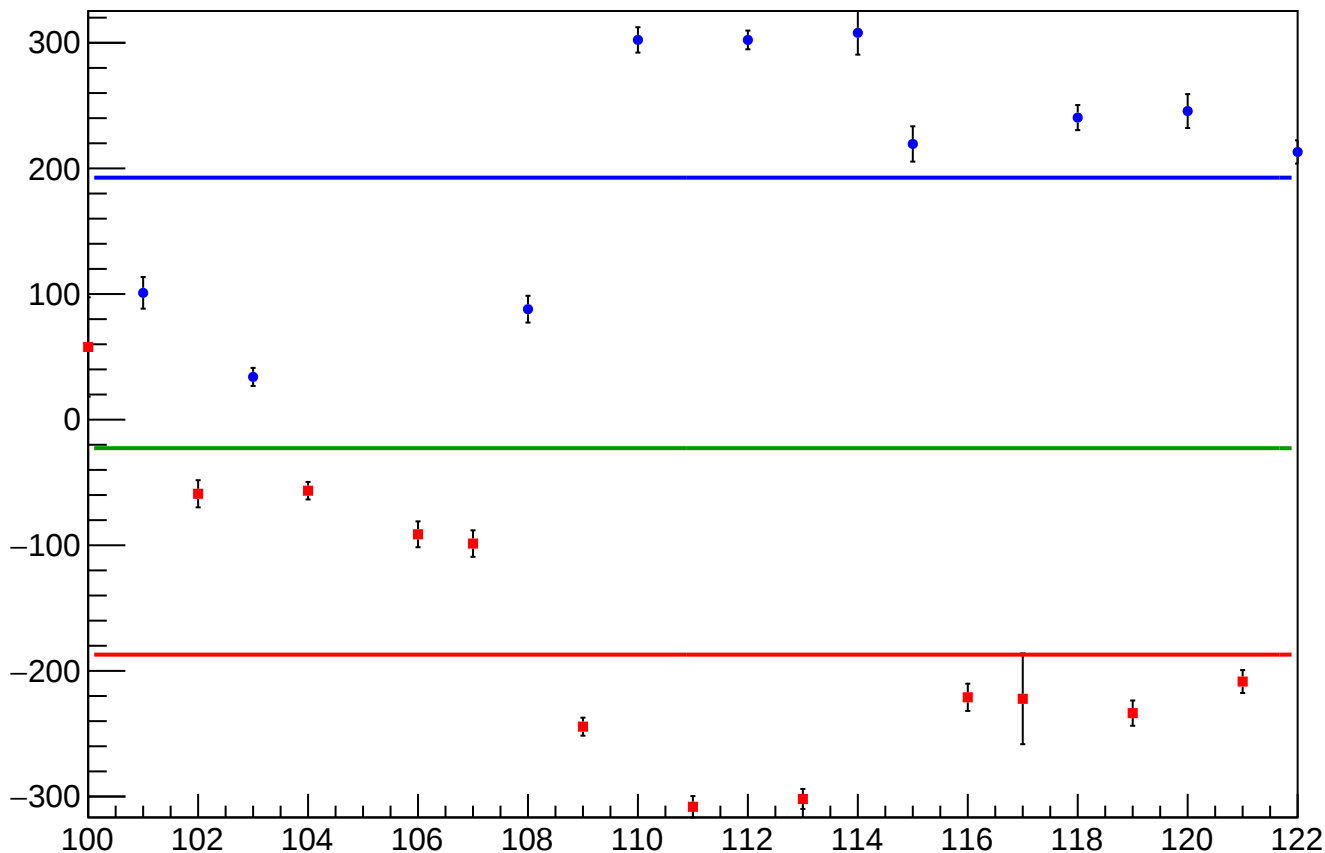
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-114.427+/-0.110 χ^2/NDF : 110321.0/9

9.165+/-0.072 χ^2/NDF : 2448207.7/21

104.270+/-0.096 χ^2/NDF : 92979.5/11

reg_asym_atr_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 192.642 $\pm$ 3.196 χ^2 /NDF: 1063.4/9

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

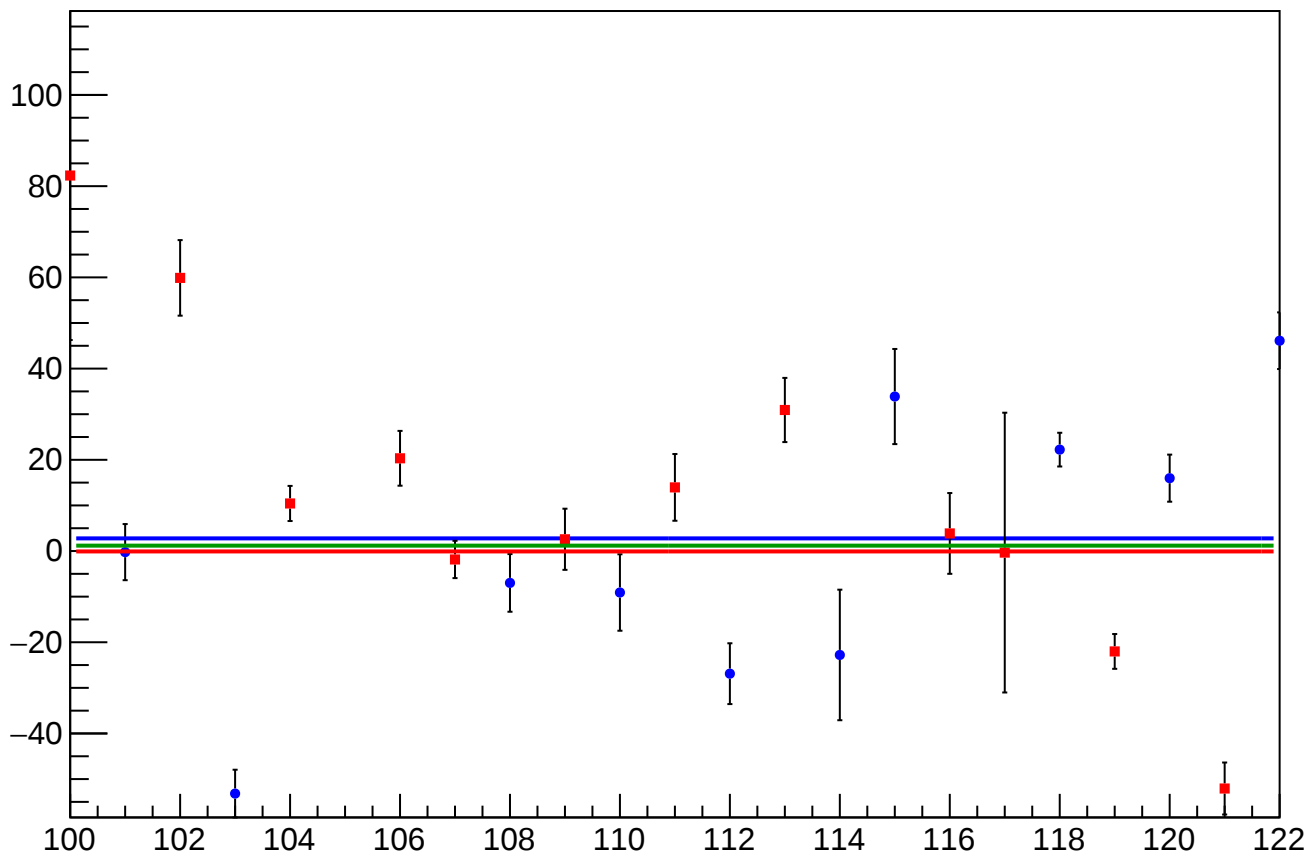
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

192.642 $\pm$ 3.196 χ^2 /NDF: 1063.4/9

-22.713 $\pm$ 2.102 χ^2 /NDF: 10268.2/21

-187.048 $\pm$ 2.792 χ^2 /NDF: 1198.0/11

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.775+/-1.906 χ^2/NDF : 233.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.089+/-1.703 χ^2/NDF : 216.5/11

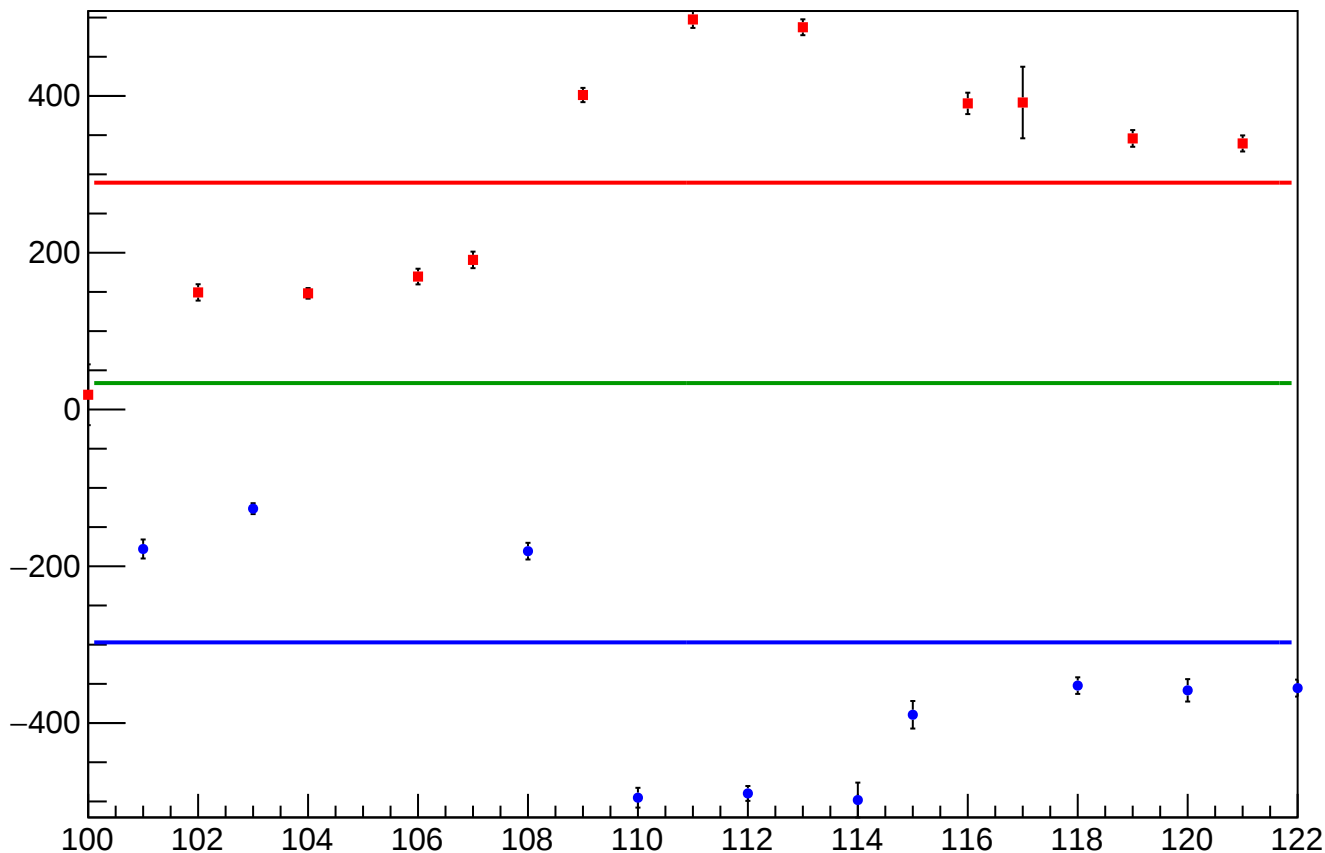
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.775+/-1.906 χ^2/NDF : 233.8/9

1.183+/-1.270 χ^2/NDF : 451.5/21

-0.089+/-1.703 χ^2/NDF : 216.5/11

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -297.080±/3.504 χ^2/NDF : 1663.5/9

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: 289.370±/3.081 χ^2/NDF : 1915.5/11

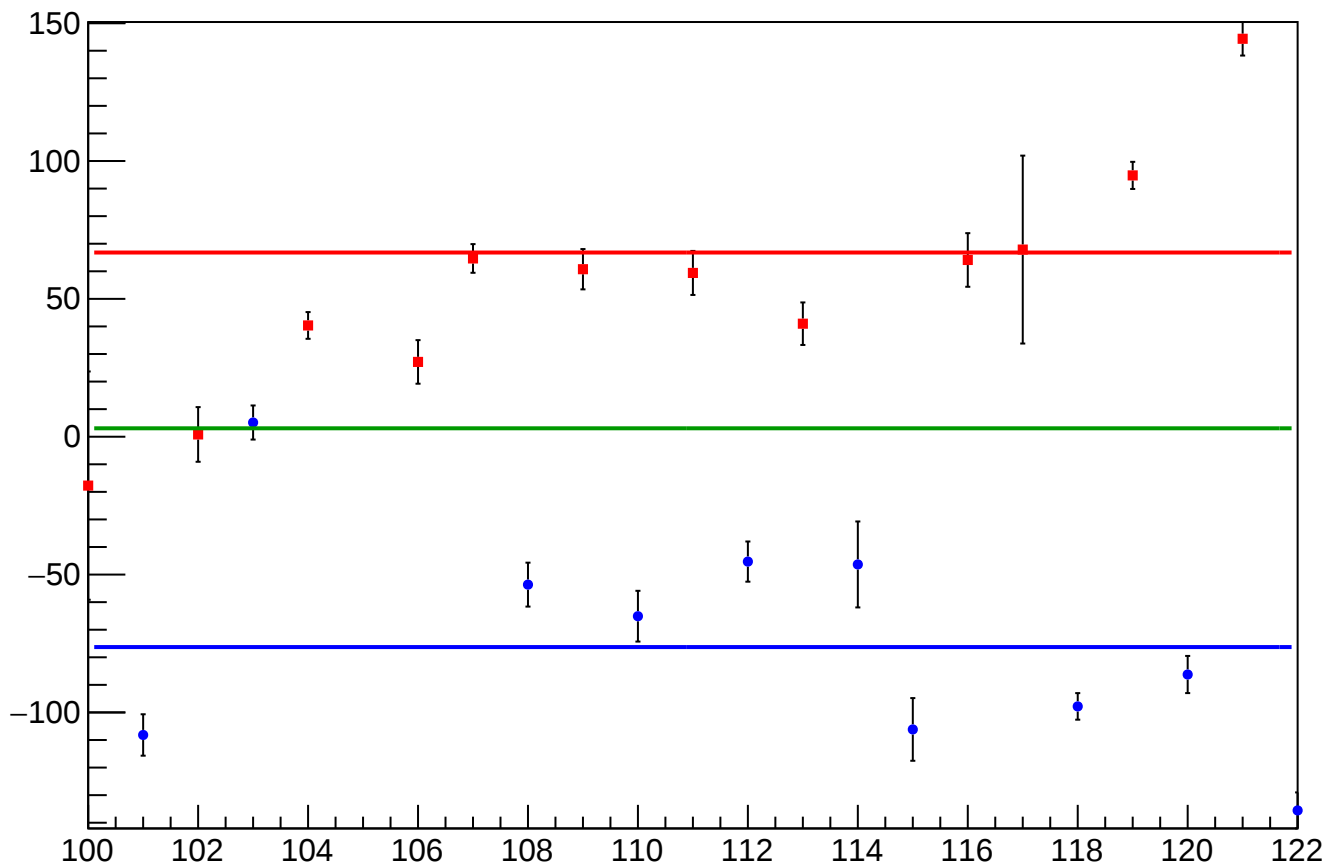
Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

-297.080±/3.504 χ^2/NDF : 1663.5/9

33.715±/2.314 χ^2/NDF : 19377.3/21

289.370±/3.081 χ^2/NDF : 1915.5/11

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -76.290 ± 2.290 χ^2/NDF : 334.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 66.809 ± 2.053 χ^2/NDF : 311.2/11

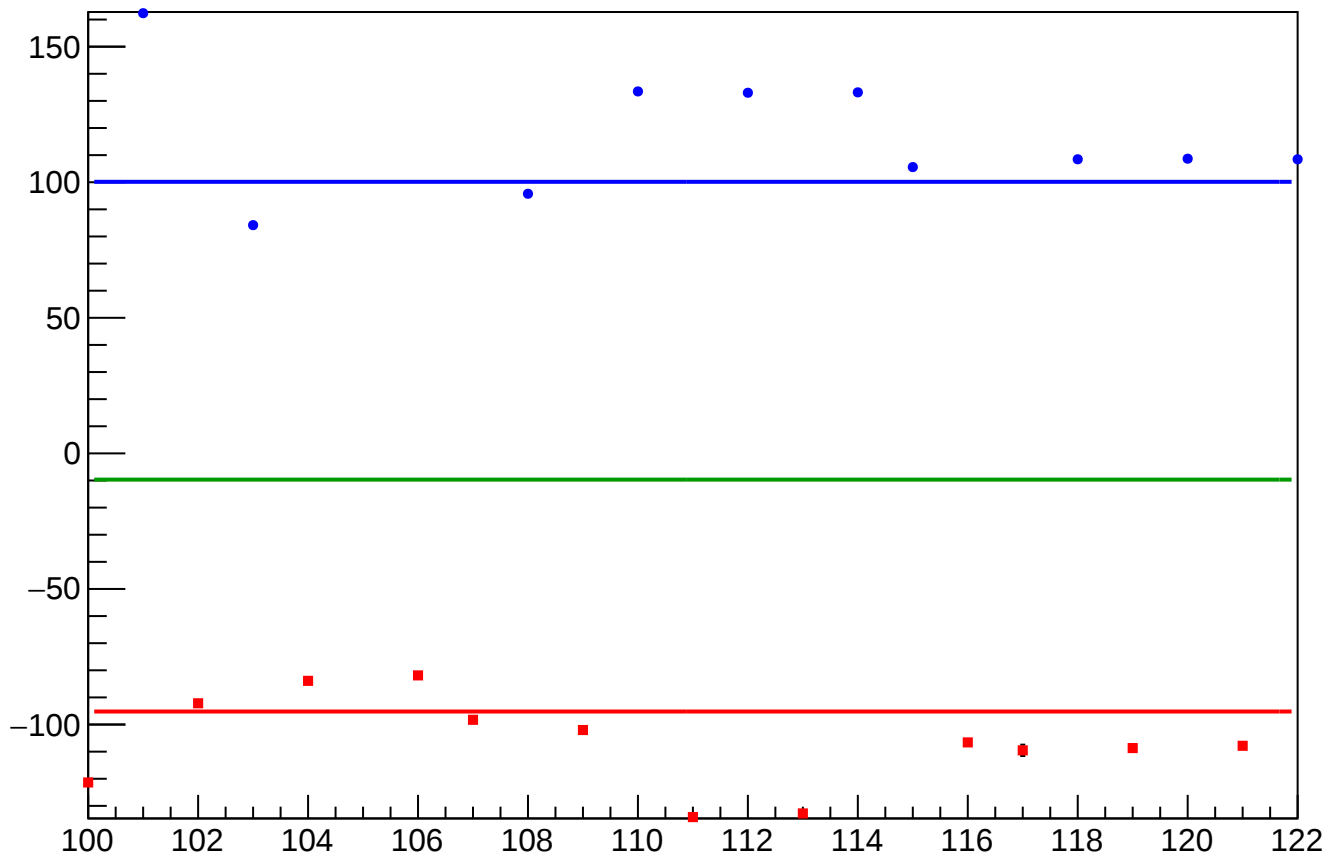
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-76.290 ± 2.290 χ^2/NDF : 334.3/9

3.054 ± 1.529 χ^2/NDF : 2810.0/21

66.809 ± 2.053 χ^2/NDF : 311.2/11

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 100.155+/-0.107 χ^2/NDF : 41824.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -95.200+/-0.095 χ^2/NDF : 22575.6/11

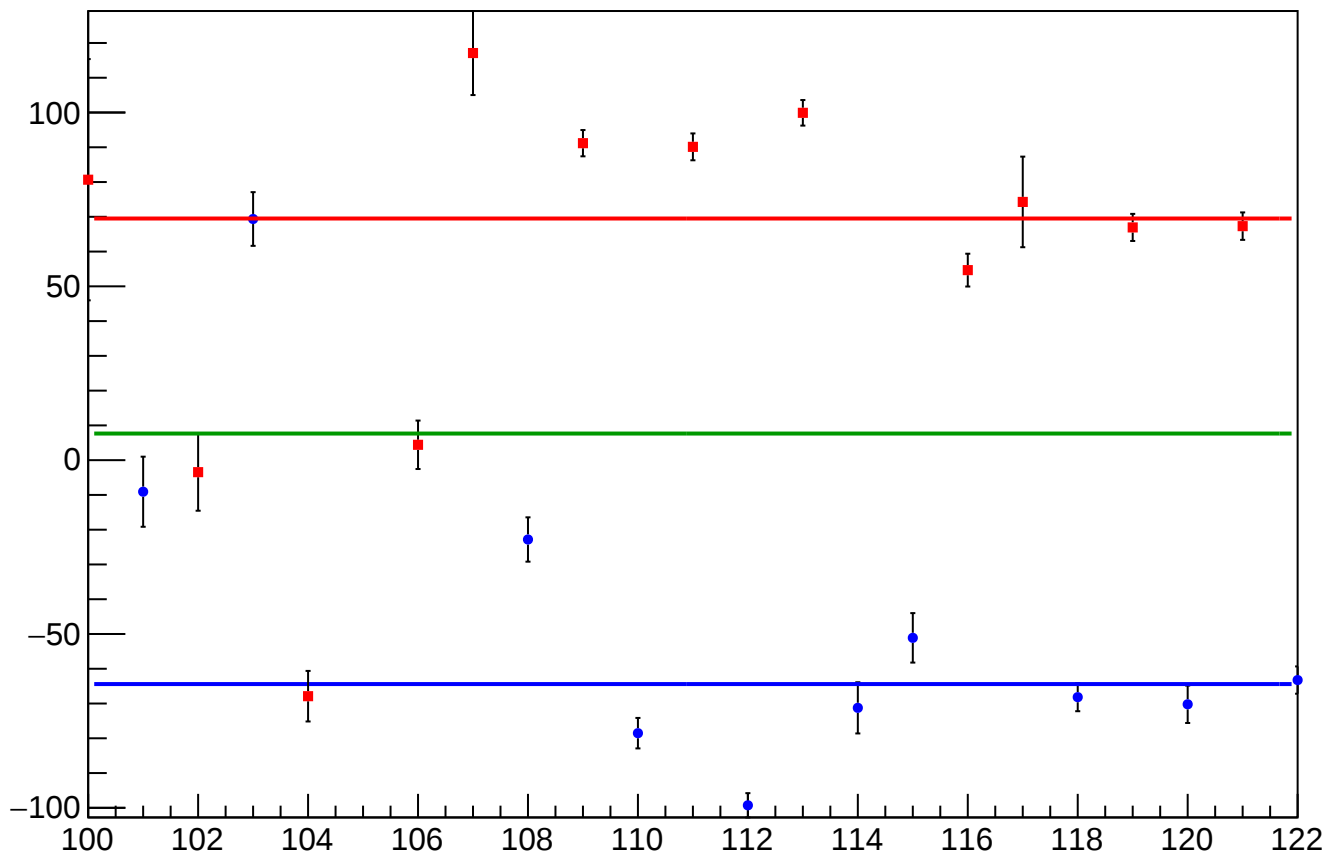
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

100.155+/-0.107 χ^2/NDF : 41824.1/9

-9.676+/-0.071 χ^2/NDF : 1926462.0/21

-95.200+/-0.095 χ^2/NDF : 22575.6/11

reg_asym_at1_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -64.404 ± 1.614 $\chi^2/\text{NDF}: 489.0/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 69.508 ± 1.496 $\chi^2/\text{NDF}: 643.6/11$

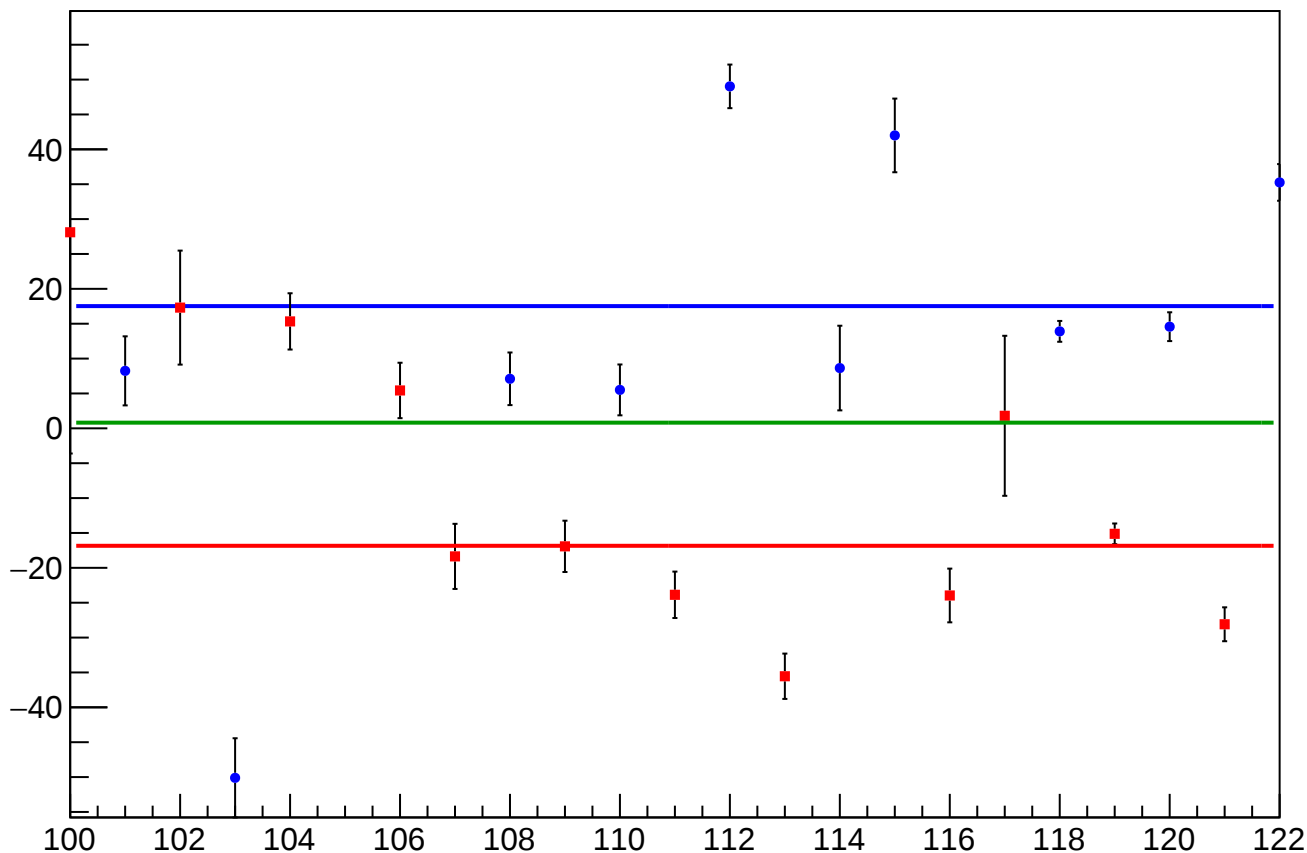
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-64.404 ± 1.614 $\chi^2/\text{NDF}: 489.0/9$

7.657 ± 1.097 $\chi^2/\text{NDF}: 4835.4/21$

69.508 ± 1.496 $\chi^2/\text{NDF}: 643.6/11$

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.524+/-0.909 χ^2/NDF : 342.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.840+/-0.934 χ^2/NDF : 181.0/11

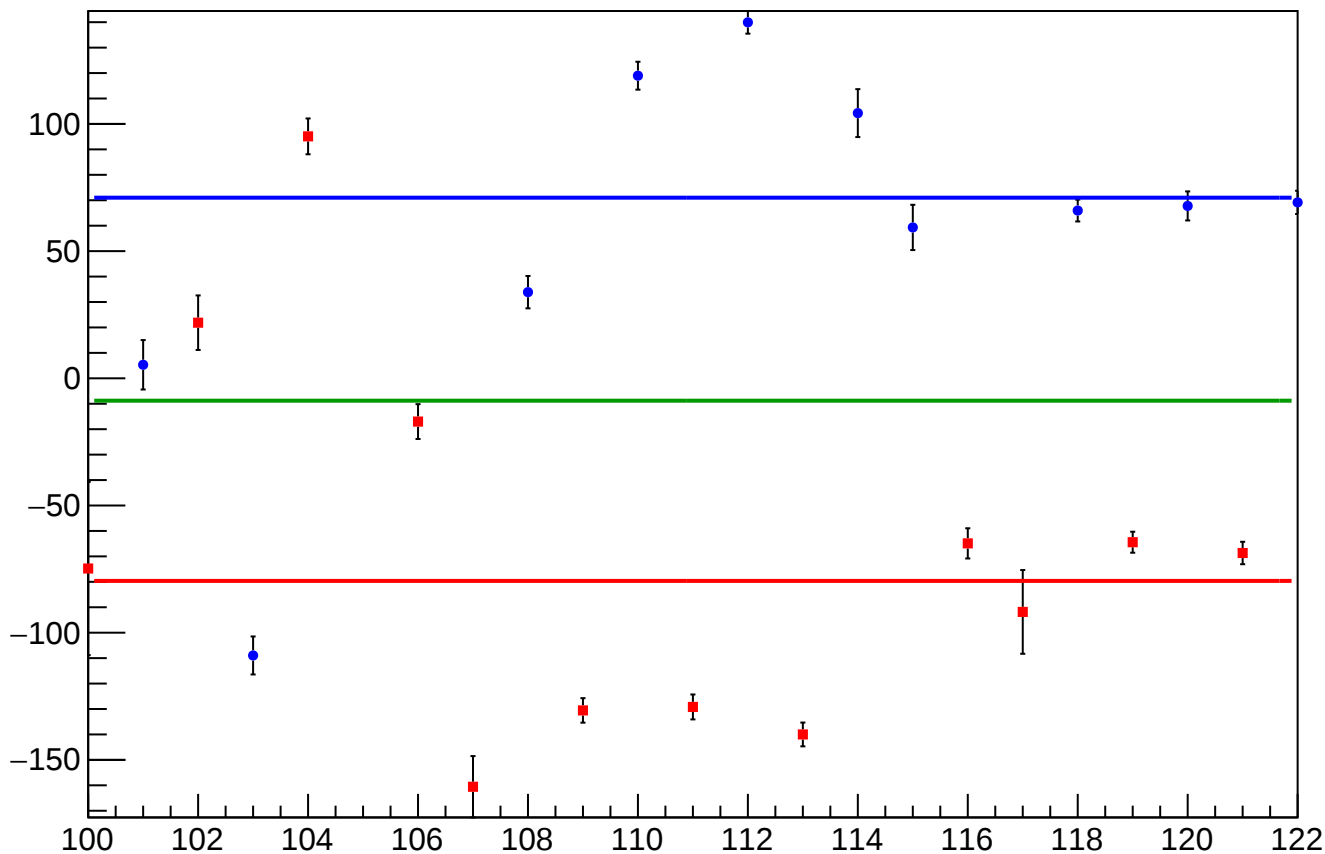
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.524+/-0.909 χ^2/NDF : 342.6/9

0.814+/-0.651 χ^2/NDF : 1218.7/21

-16.840+/-0.934 χ^2/NDF : 181.0/11

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 71.013 ± 1.846 $\chi^2/\text{NDF}: 992.7/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -79.641 ± 1.739 $\chi^2/\text{NDF}: 1241.8/11$

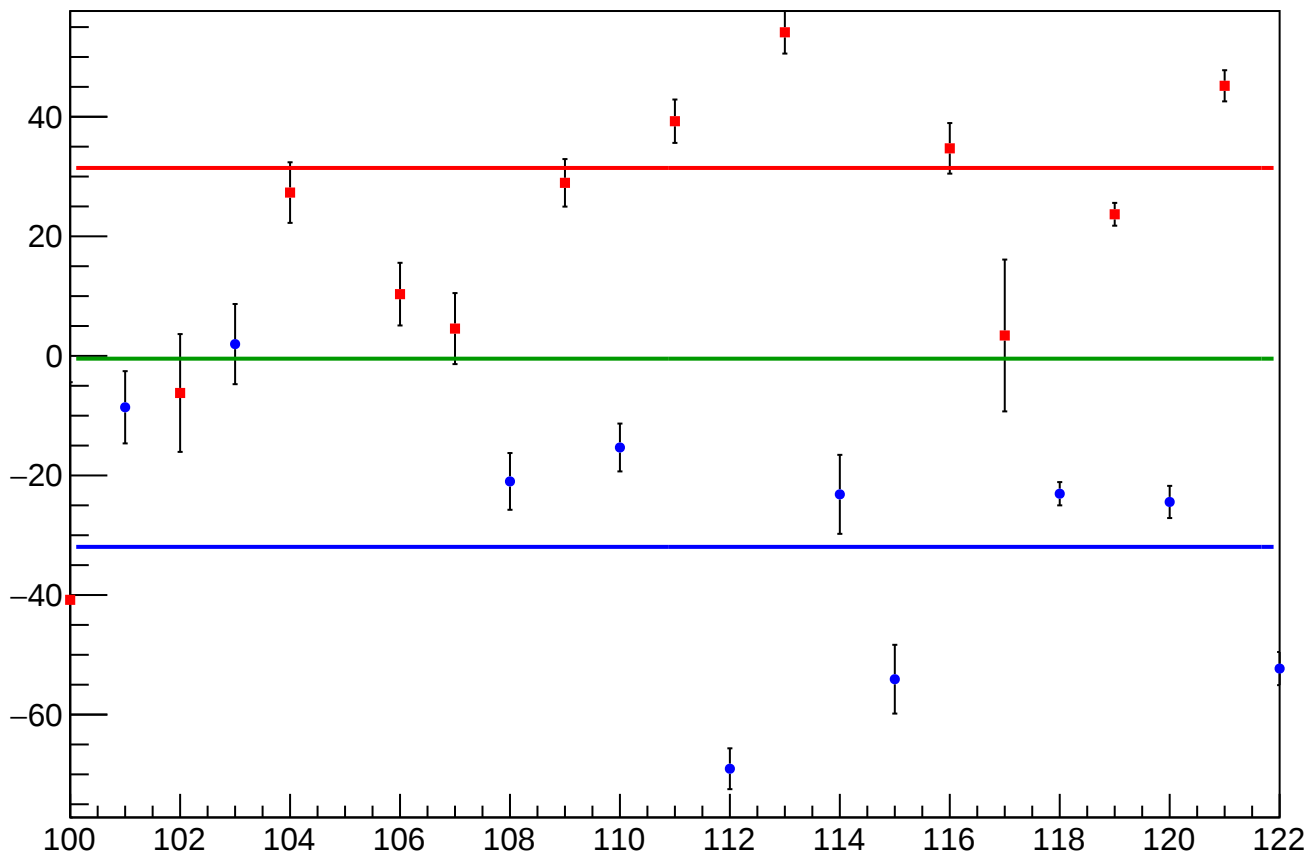
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

71.013 ± 1.846 $\chi^2/\text{NDF}: 992.7/9$

-8.797 ± 1.266 $\chi^2/\text{NDF}: 5763.6/21$

-79.641 ± 1.739 $\chi^2/\text{NDF}: 1241.8/11$

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -31.946+/-1.099 χ^2/NDF : 280.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.438+/-1.106 χ^2/NDF : 151.4/11

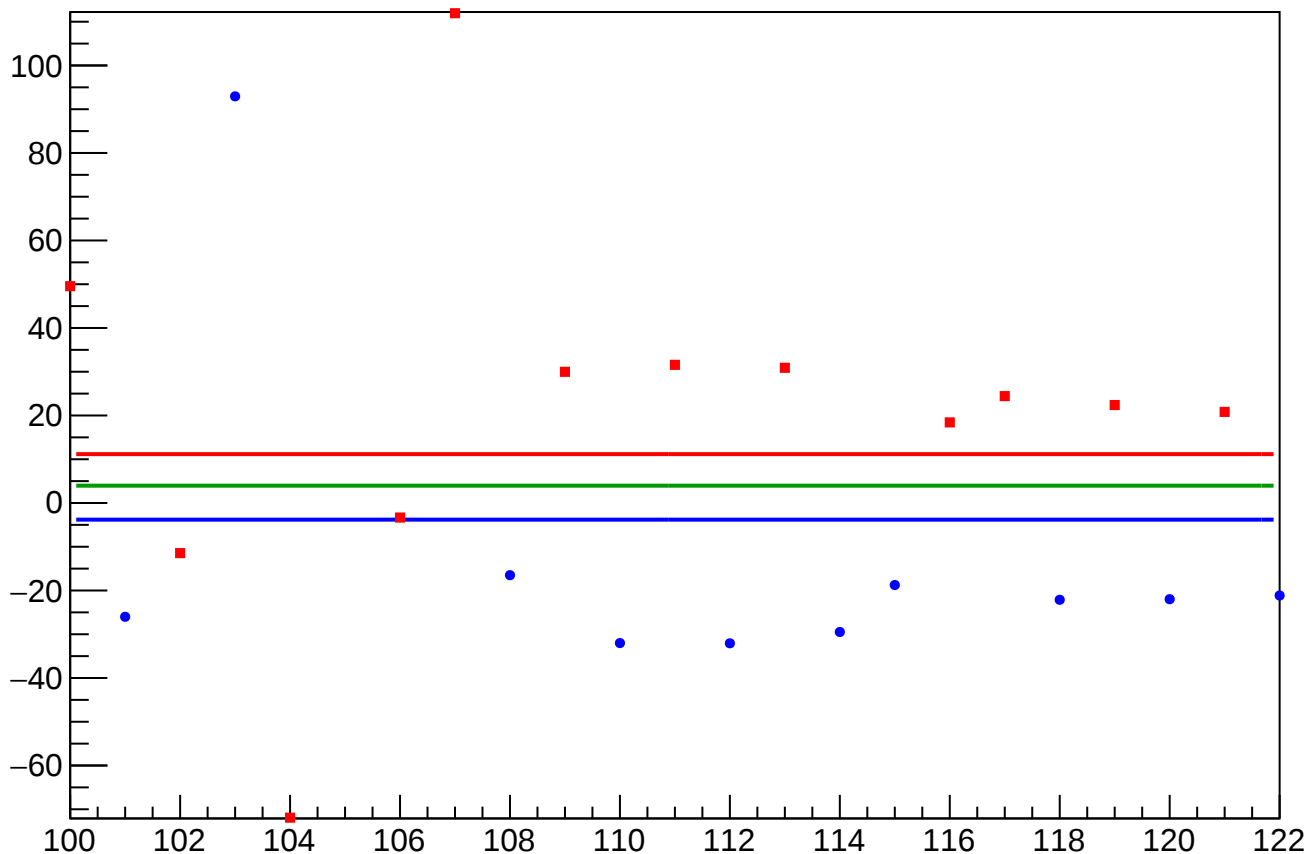
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-31.946+/-1.099 χ^2/NDF : 280.4/9

-0.464+/-0.780 χ^2/NDF : 2083.9/21

31.438+/-1.106 χ^2/NDF : 151.4/11

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -3.804+/-0.068 χ^2/NDF : 404741.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.169+/-0.065 χ^2/NDF : 397322.1/11

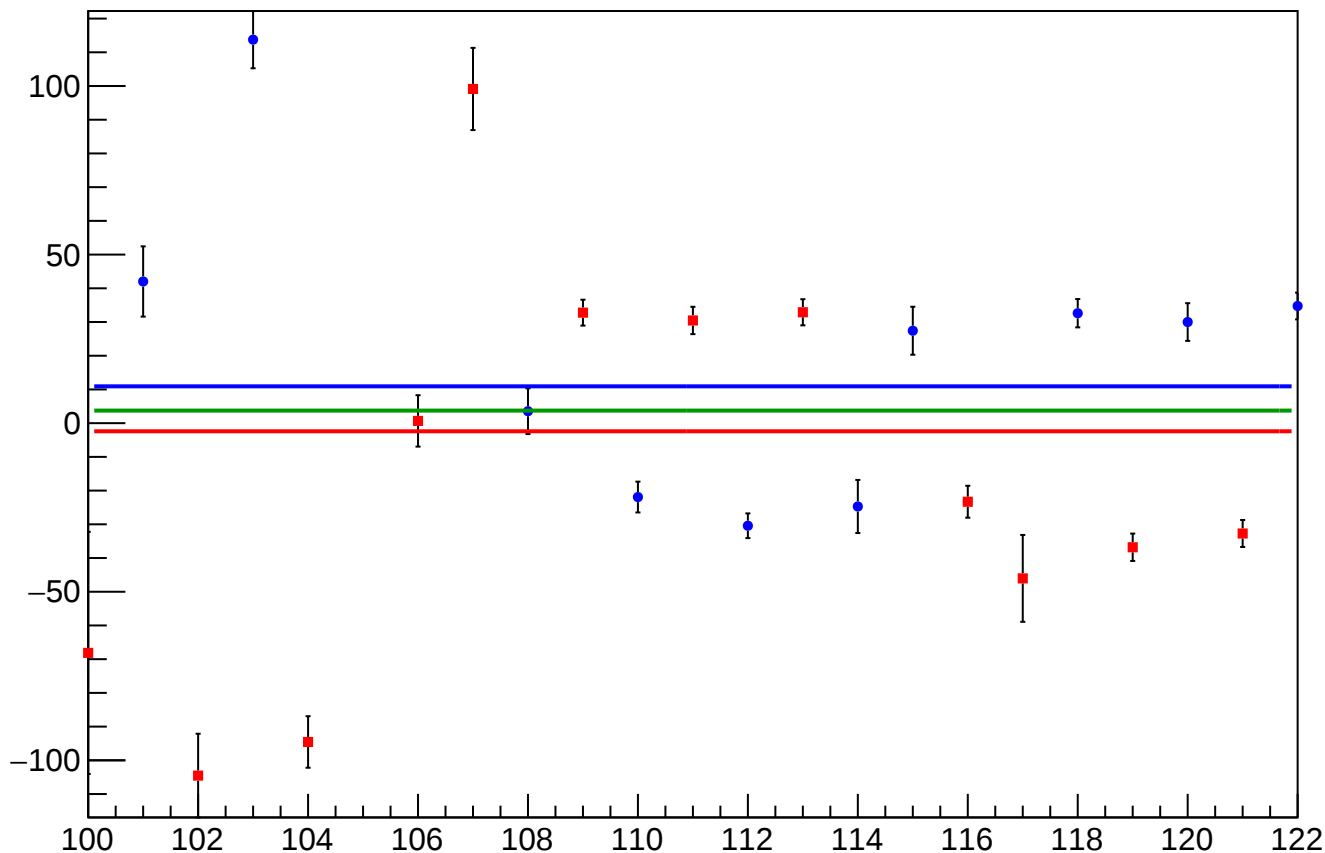
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.804+/-0.068 χ^2/NDF : 404741.9/9

3.958+/-0.047 χ^2/NDF : 827339.8/21

11.169+/-0.065 χ^2/NDF : 397322.1/11

reg_asym_at1_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 10.927+/-1.677 χ^2 /NDF: 436.3/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.405+/-1.548 χ^2 /NDF: 678.8/11

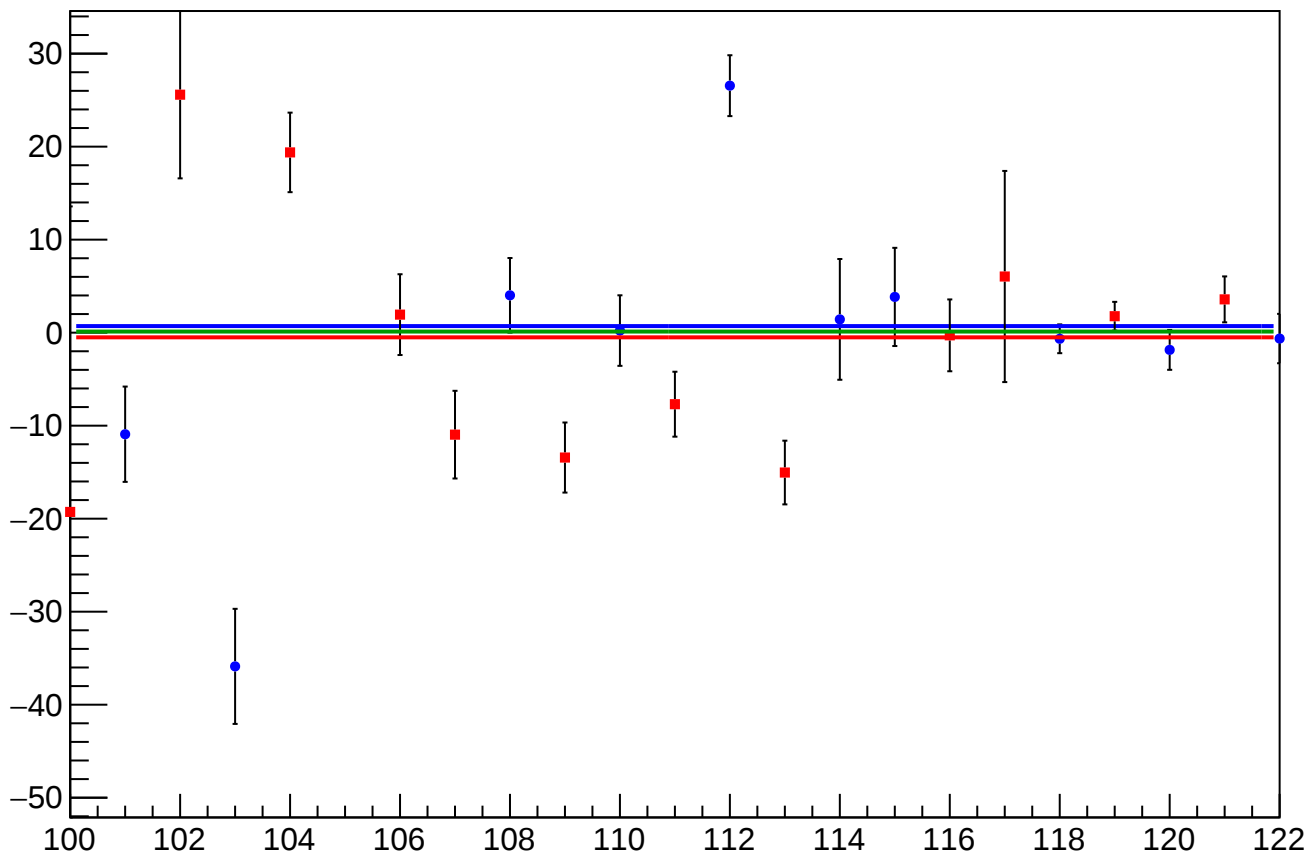
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

10.927+/-1.677 χ^2 /NDF: 436.3/9

3.728+/-1.137 χ^2 /NDF: 1149.3/21

-2.405+/-1.548 χ^2 /NDF: 678.8/11

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.706+/-0.942 χ^2/NDF : 106.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.503+/-0.970 χ^2/NDF : 74.9/11

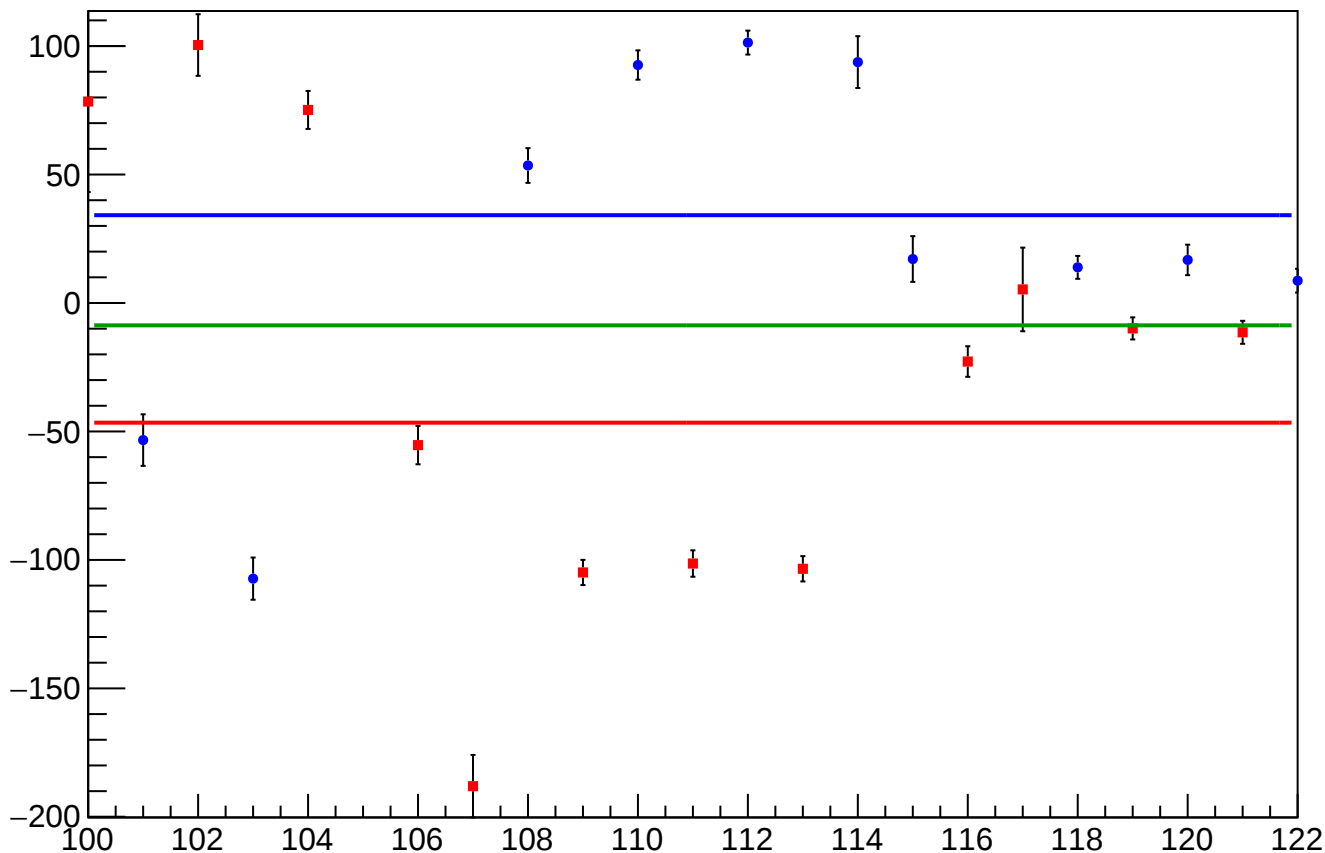
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.706+/-0.942 χ^2/NDF : 106.0/9

0.119+/-0.676 χ^2/NDF : 181.7/21

-0.503+/-0.970 χ^2/NDF : 74.9/11

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 34.174+/-1.919 χ^2 /NDF: 791.9/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -46.573+/-1.804 χ^2 /NDF: 1119.1/11

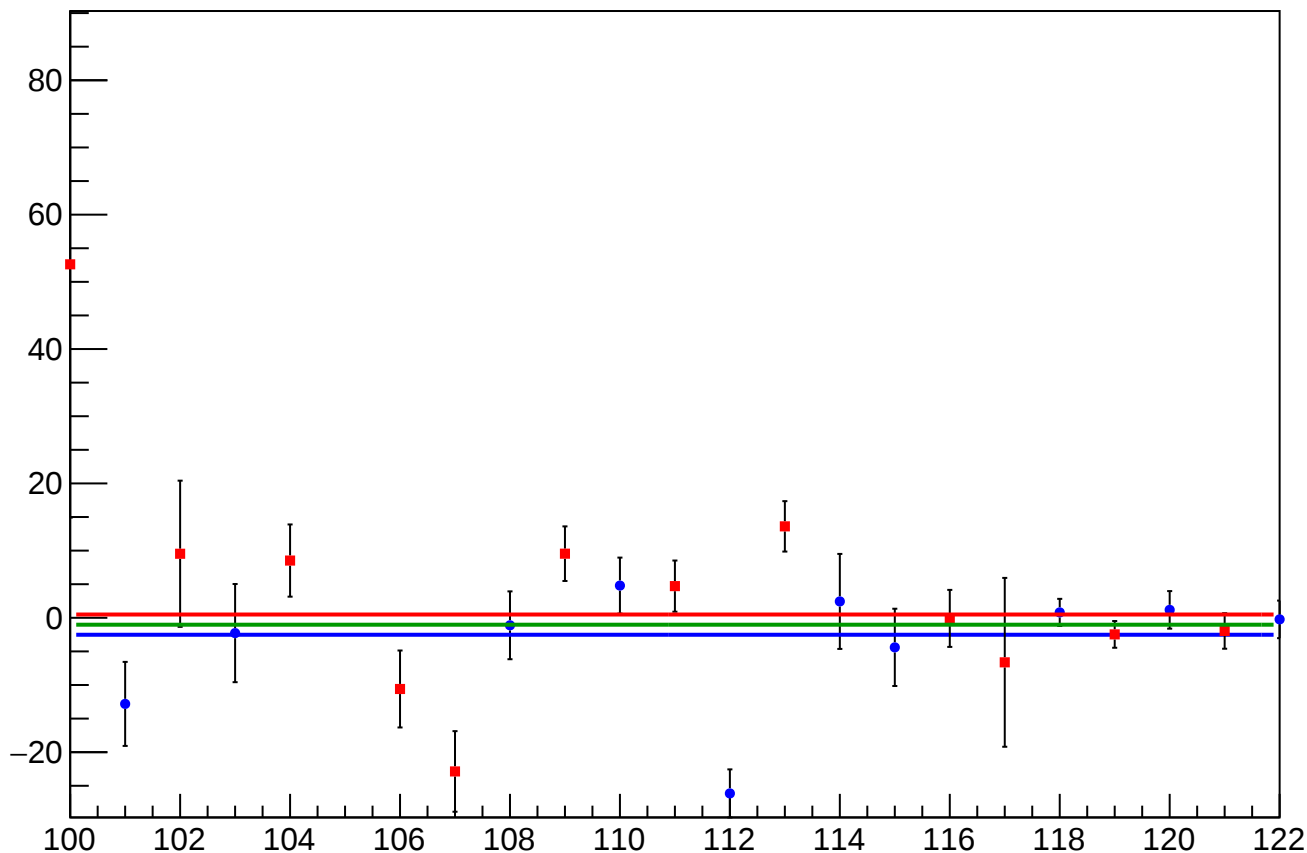
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

34.174+/-1.919 χ^2 /NDF: 791.9/9

-8.701+/-1.314 χ^2 /NDF: 2850.8/21

-46.573+/-1.804 χ^2 /NDF: 1119.1/11

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.523 ± 1.139 χ^2/NDF : 55.2/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.490 ± 1.147 χ^2/NDF : 45.6/11

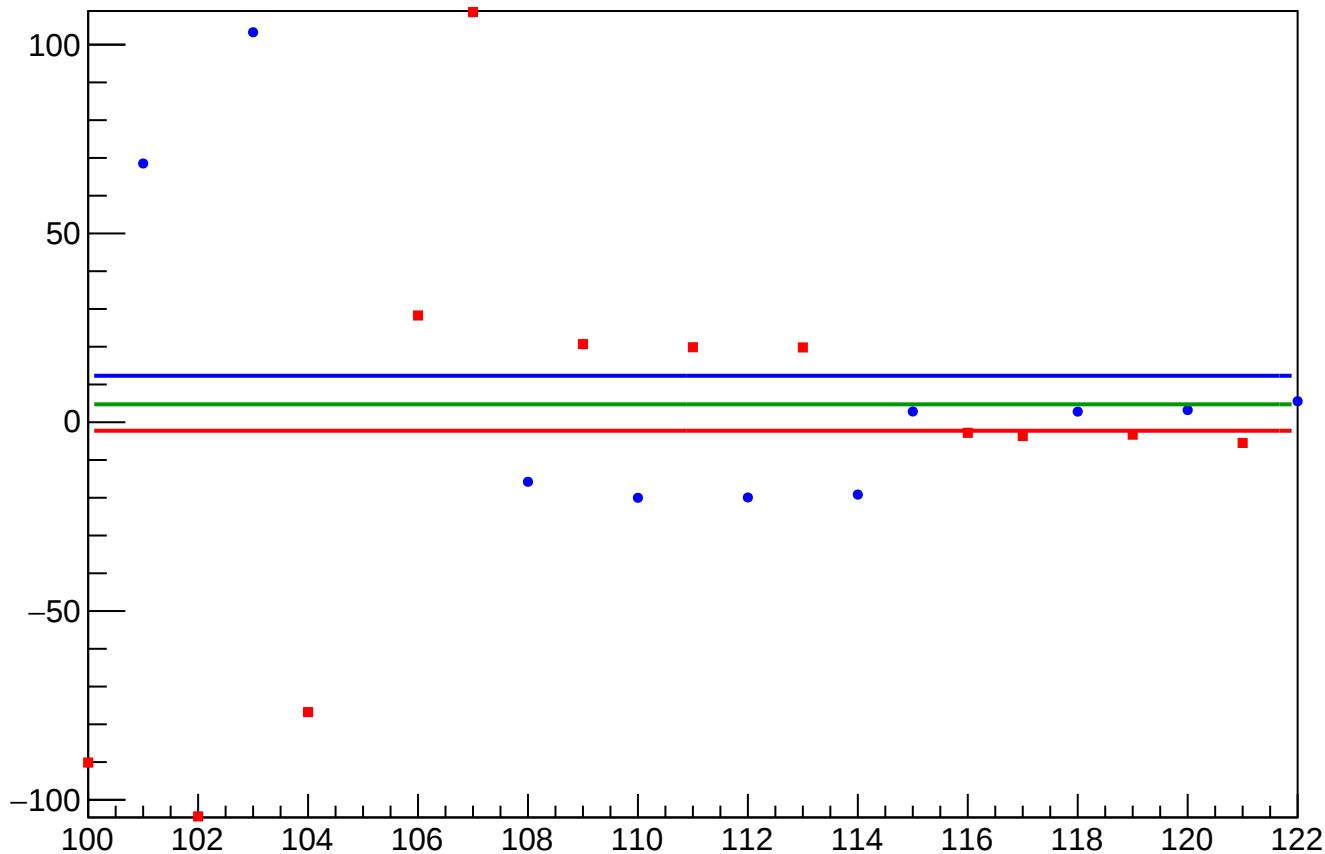
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2.523 ± 1.139 χ^2/NDF : 55.2/9

-1.027 ± 0.808 χ^2/NDF : 104.2/21

0.490 ± 1.147 χ^2/NDF : 45.6/11

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 12.309+/-0.071 χ^2/NDF : 348096.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.250+/-0.068 χ^2/NDF : 509753.1/11

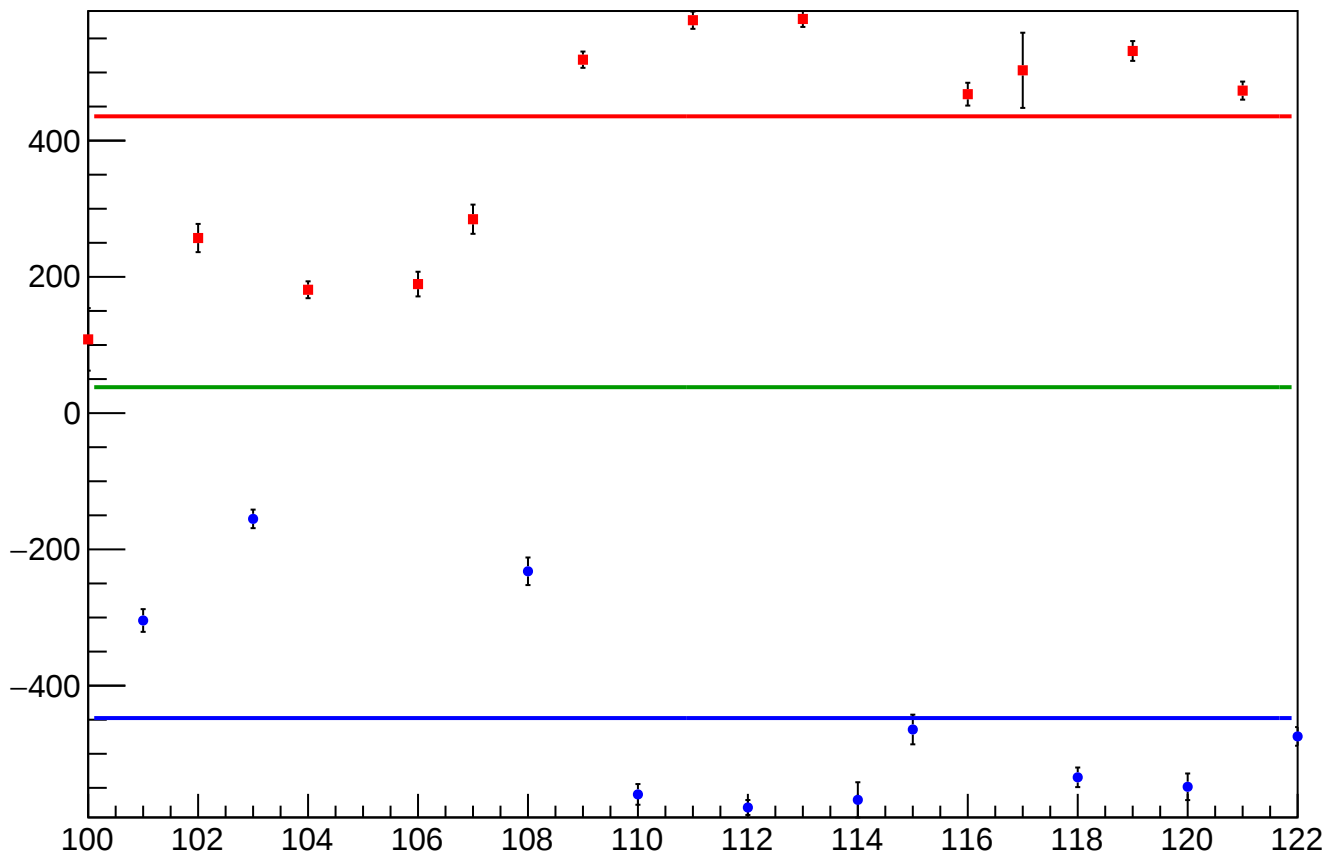
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12.309+/-0.071 χ^2/NDF : 348096.1/9

4.747+/-0.049 χ^2/NDF : 879560.7/21

-2.250+/-0.068 χ^2/NDF : 509753.1/11

reg_asym_at2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -447.567+/-4.971 χ^2 /NDF: 935.2/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 435.655+/-4.498 χ^2 /NDF: 1162.0/11

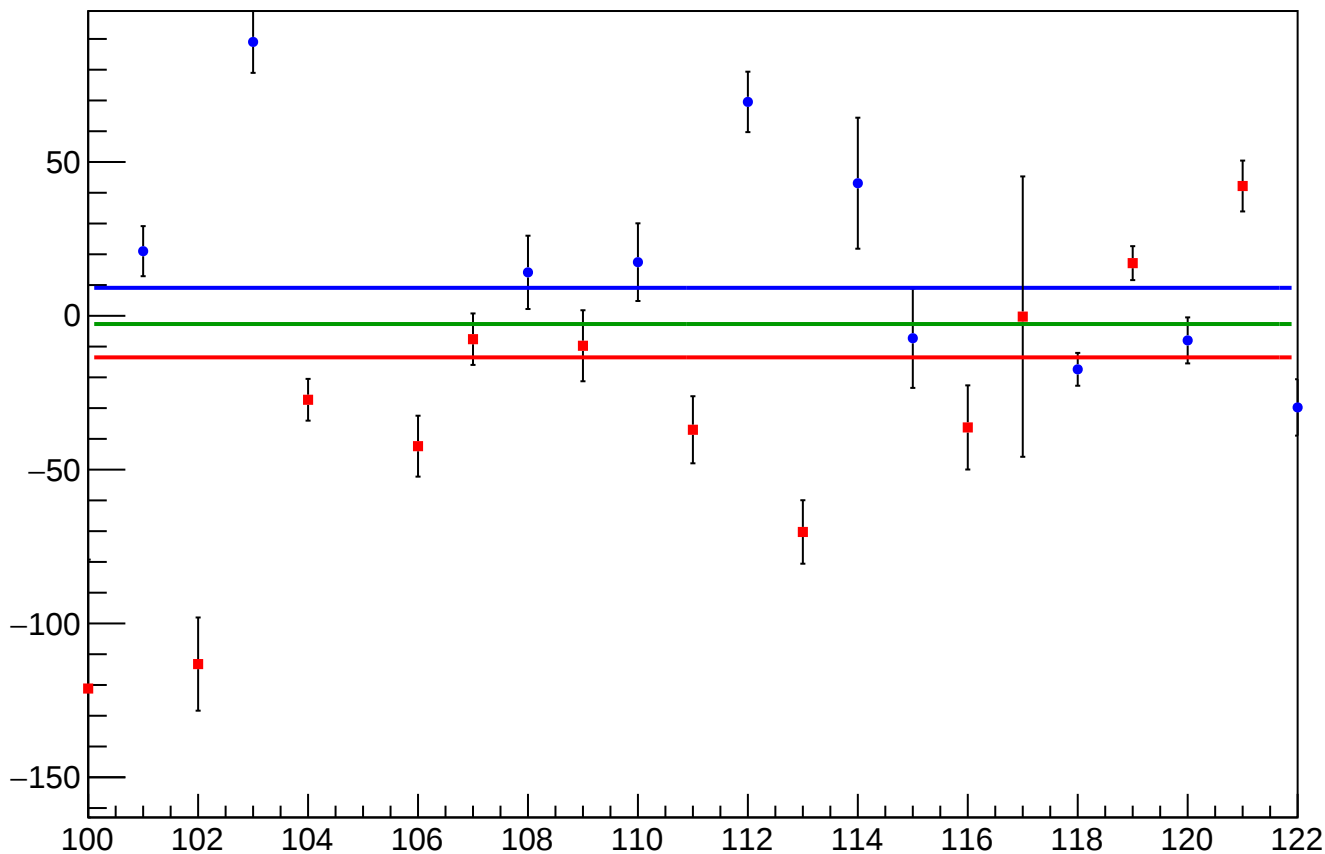
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-447.567+/-4.971 χ^2 /NDF: 935.2/9

38.092+/-3.335 χ^2 /NDF: 19456.5/21

435.655+/-4.498 χ^2 /NDF: 1162.0/11

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.096+/-2.892 χ^2/NDF : 155.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.507+/-2.776 χ^2/NDF : 177.2/11

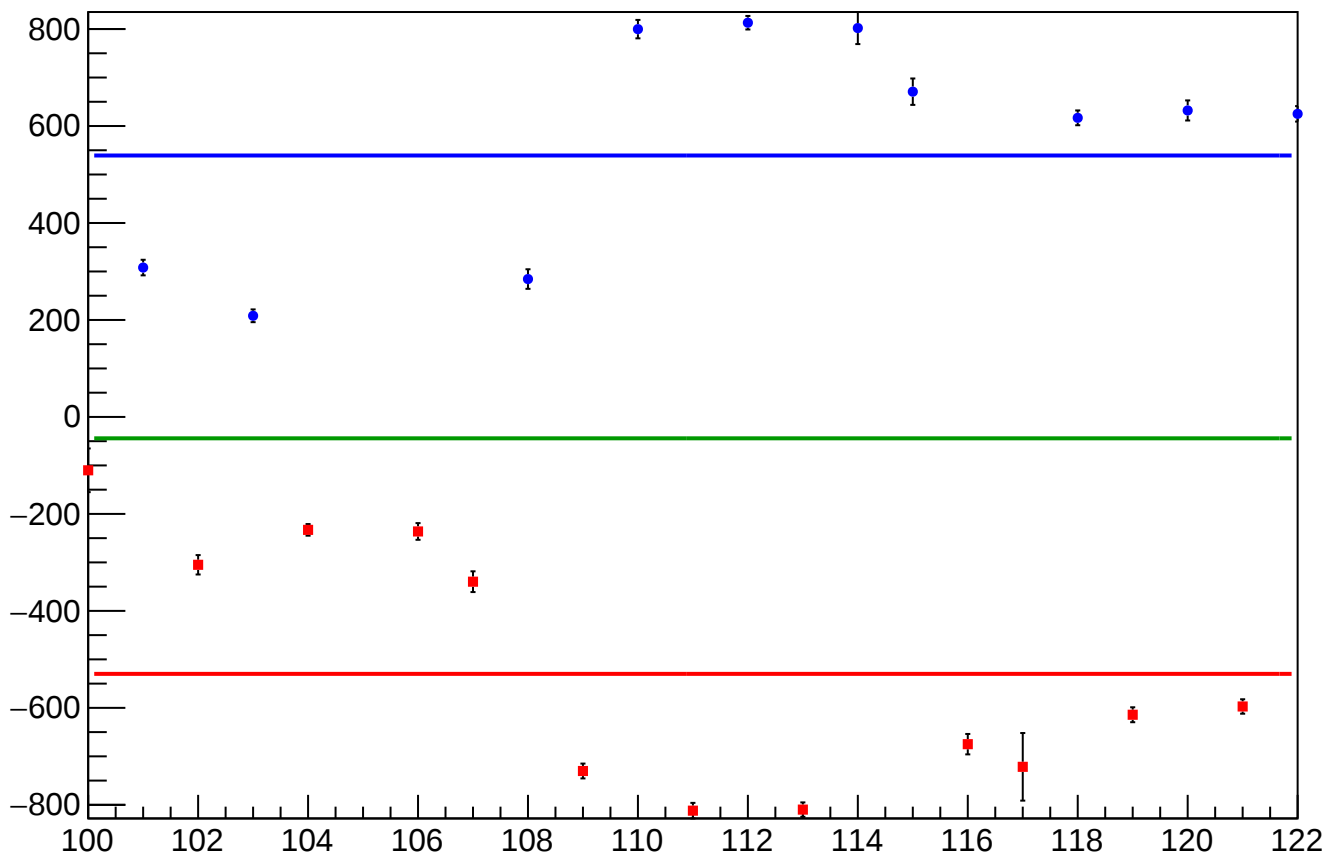
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.096+/-2.892 χ^2/NDF : 155.2/9

-2.668+/-2.003 χ^2/NDF : 364.2/21

-13.507+/-2.776 χ^2/NDF : 177.2/11

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 539.191+/-5.521 χ^2/NDF : 1730.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -529.898+/-5.039 χ^2/NDF : 2138.1/11

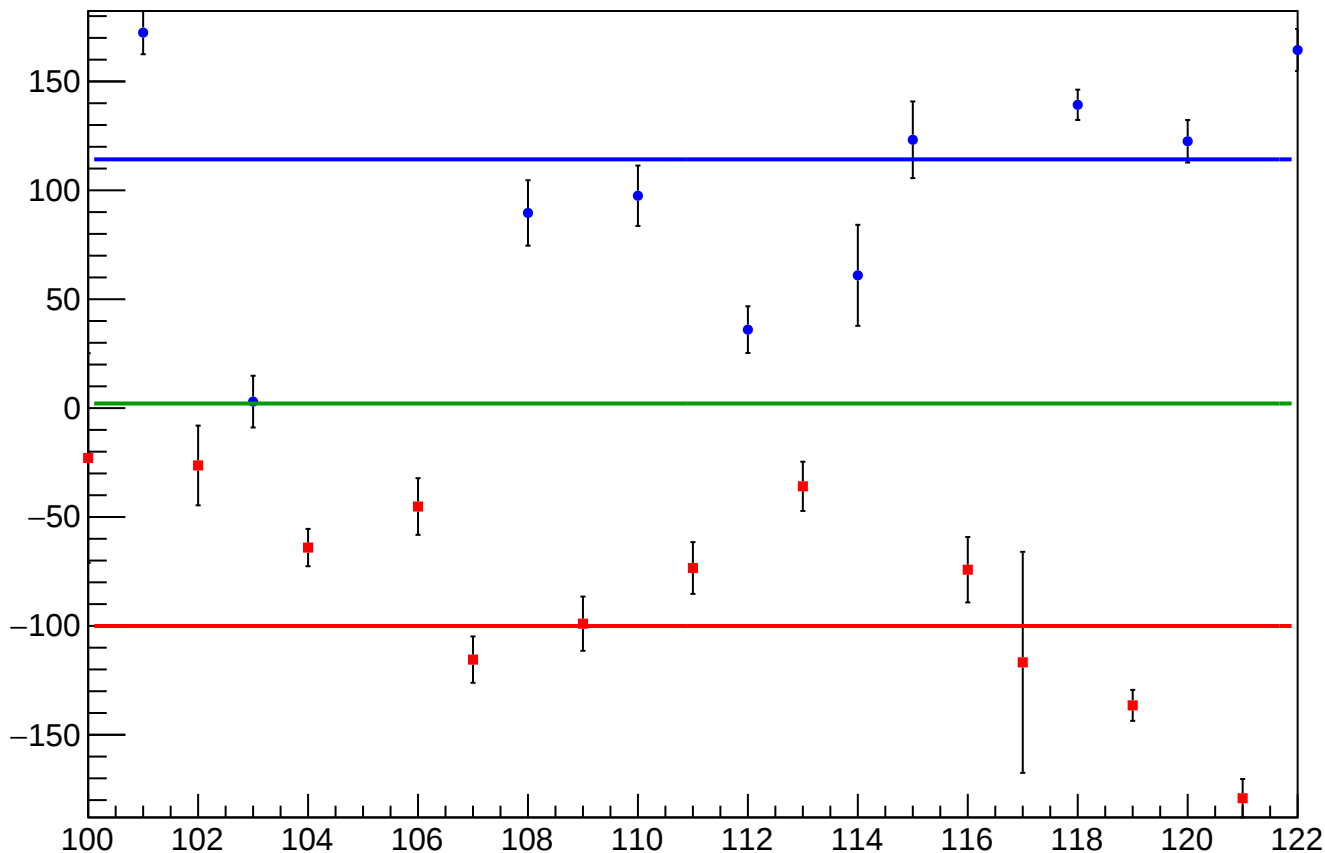
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

539.191+/-5.521 χ^2/NDF : 1730.7/9

-44.102+/-3.722 χ^2/NDF : 24324.1/21

-529.898+/-5.039 χ^2/NDF : 2138.1/11

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 114.225 $\pm$ 3.481 χ^2/NDF : 225.6/9

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

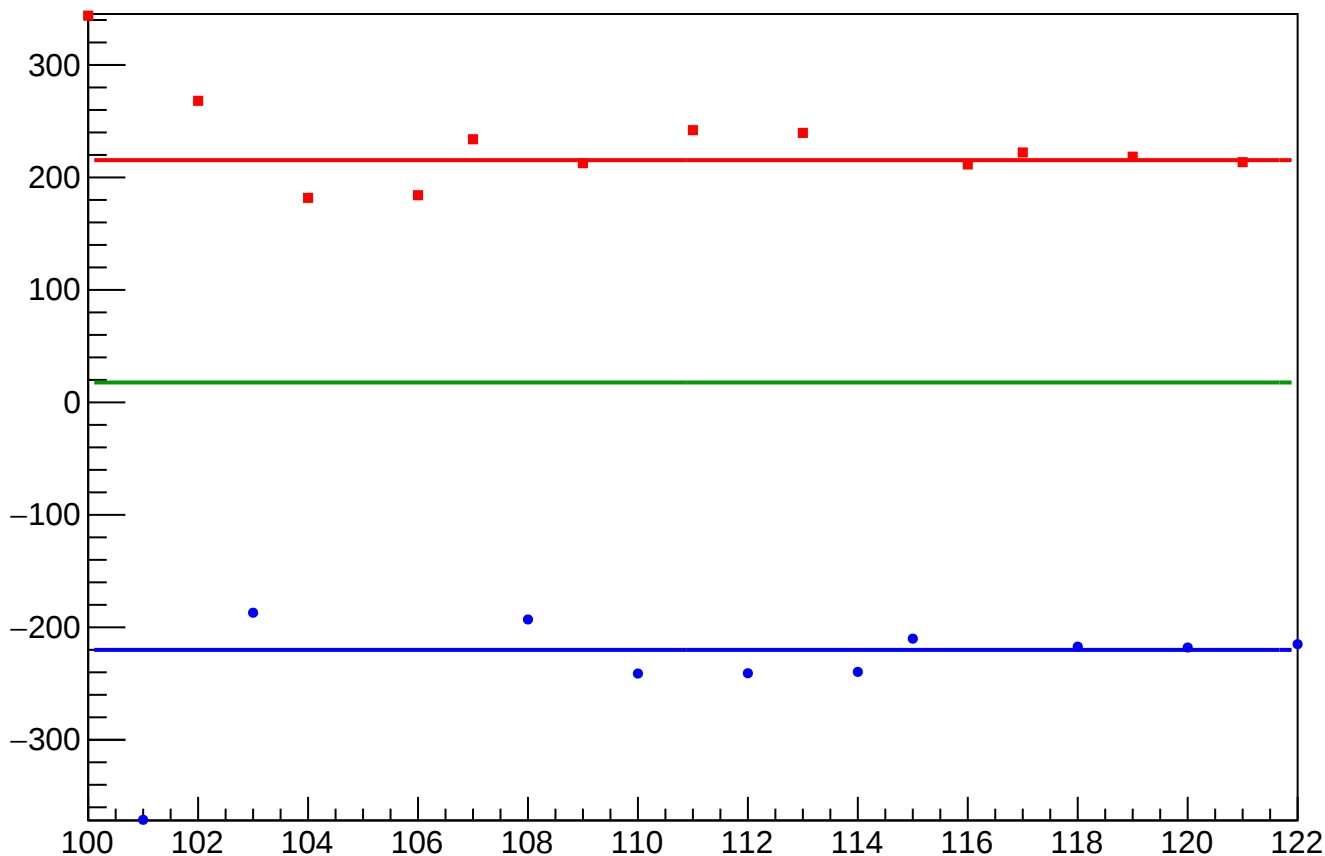
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

114.225 $\pm$ 3.481 χ^2/NDF : 225.6/9

2.123 $\pm$ 2.404 χ^2/NDF : 2411.0/21

-100.053 $\pm$ 3.323 χ^2/NDF : 203.1/11

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -220.058+/-0.183 χ^2/NDF : 86001.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 215.393+/-0.167 χ^2/NDF : 40331.5/11

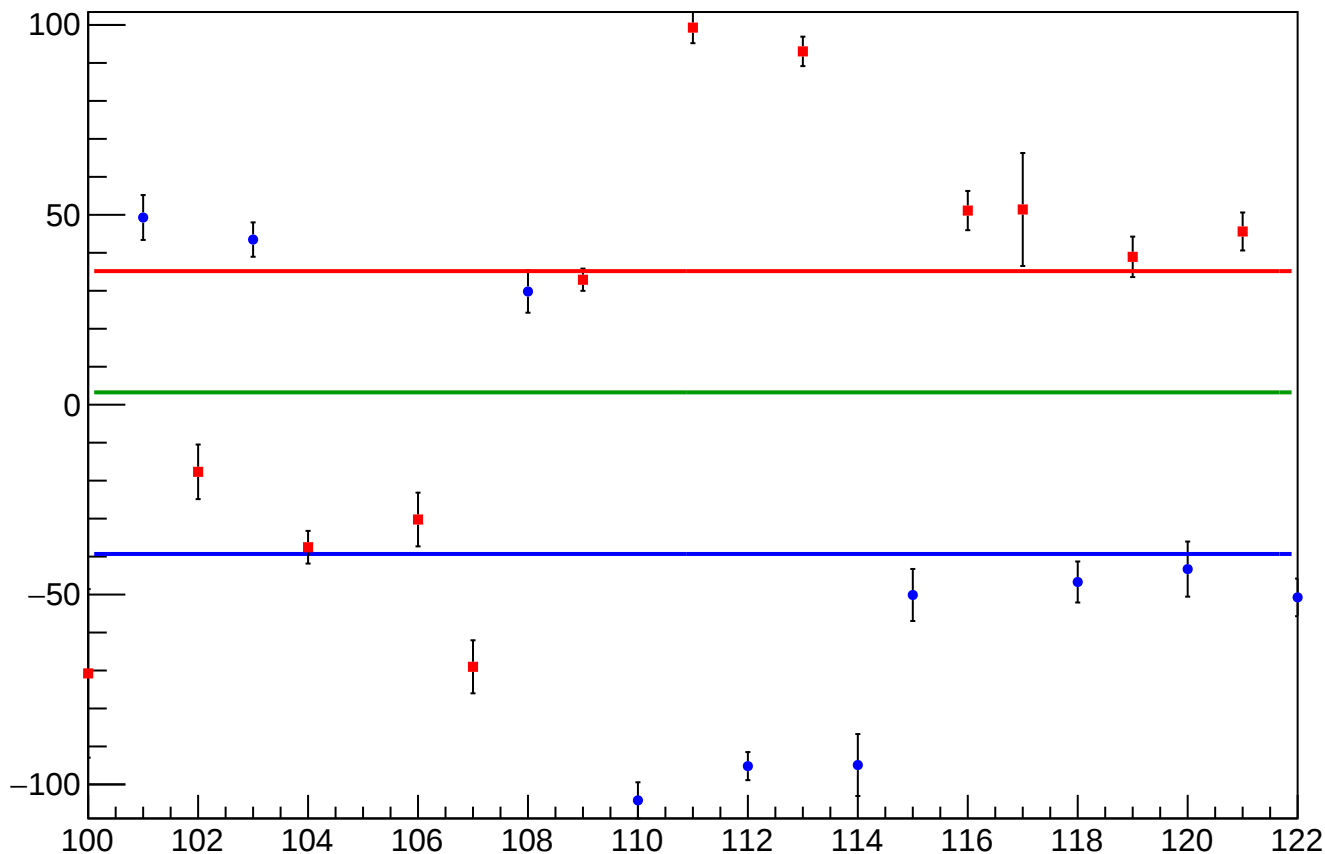
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-220.058+/-0.183 χ^2/NDF : 86001.9/9

17.686+/-0.123 χ^2/NDF : 3214209.3/21

215.393+/-0.167 χ^2/NDF : 40331.5/11

reg_asym_at2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -39.308 $\pm$ 1.674 χ^2 /NDF: 1183.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 35.175 $\pm$ 1.450 χ^2 /NDF: 1153.3/11

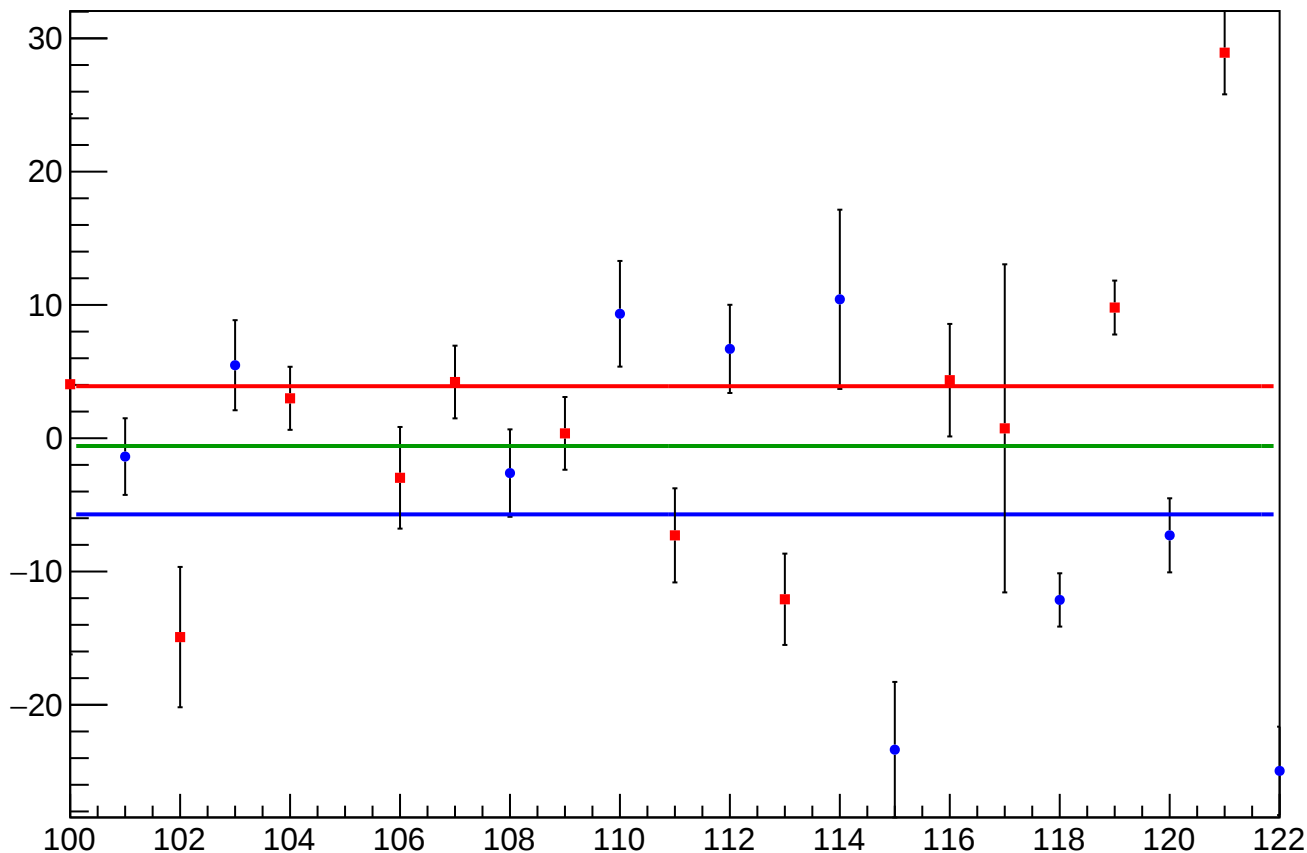
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-39.308 $\pm$ 1.674 χ^2 /NDF: 1183.1/9

3.249 $\pm$ 1.096 χ^2 /NDF: 3468.1/21

35.175 $\pm$ 1.450 χ^2 /NDF: 1153.3/11

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.713+/-1.006 χ^2/NDF : 104.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.903+/-0.941 χ^2/NDF : 122.4/11

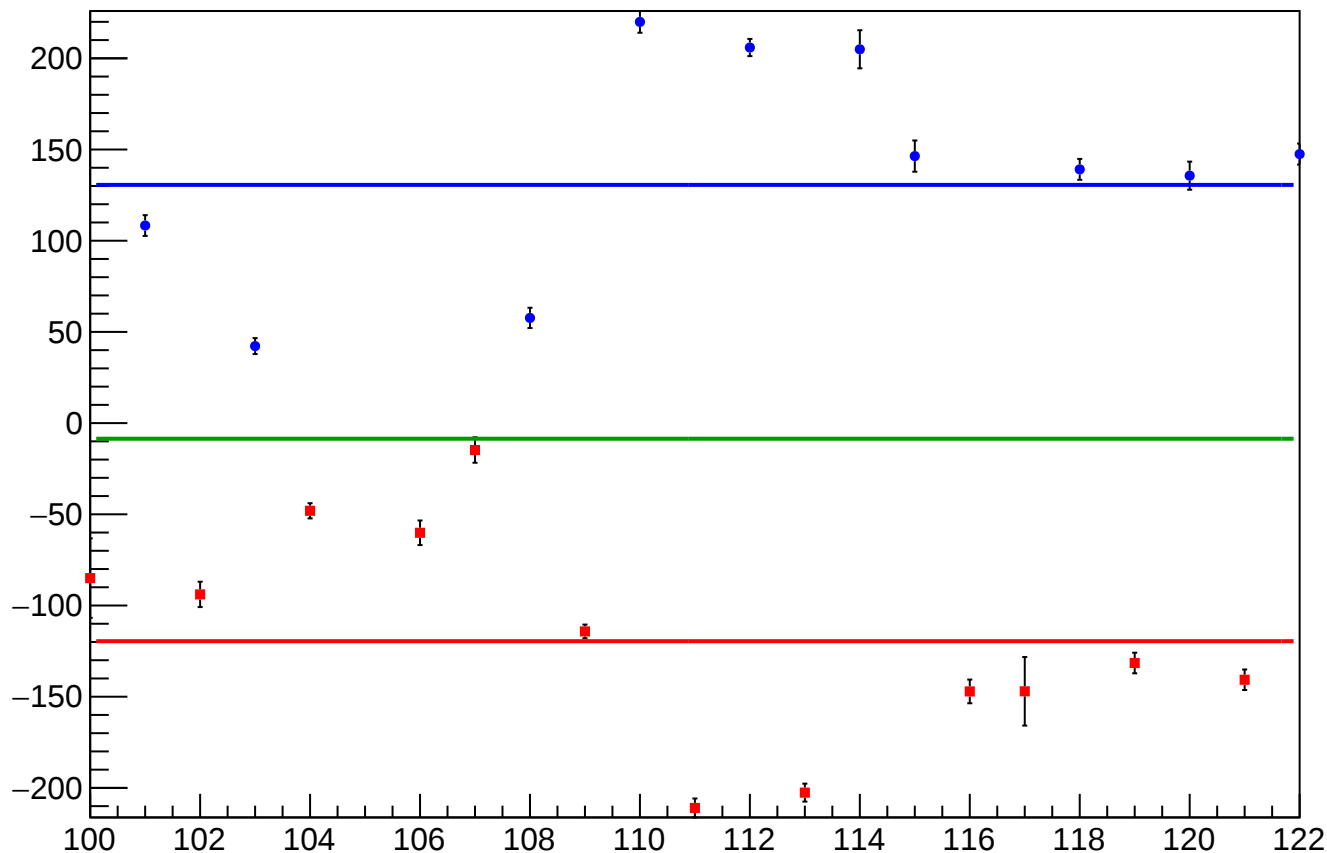
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.713+/-1.006 χ^2/NDF : 104.7/9

-0.583+/-0.687 χ^2/NDF : 275.8/21

3.903+/-0.941 χ^2/NDF : 122.4/11

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 130.607 $\pm$ 1.861 χ^2 /NDF: 1140.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -119.558 $\pm$ 1.662 χ^2 /NDF: 1247.5/11

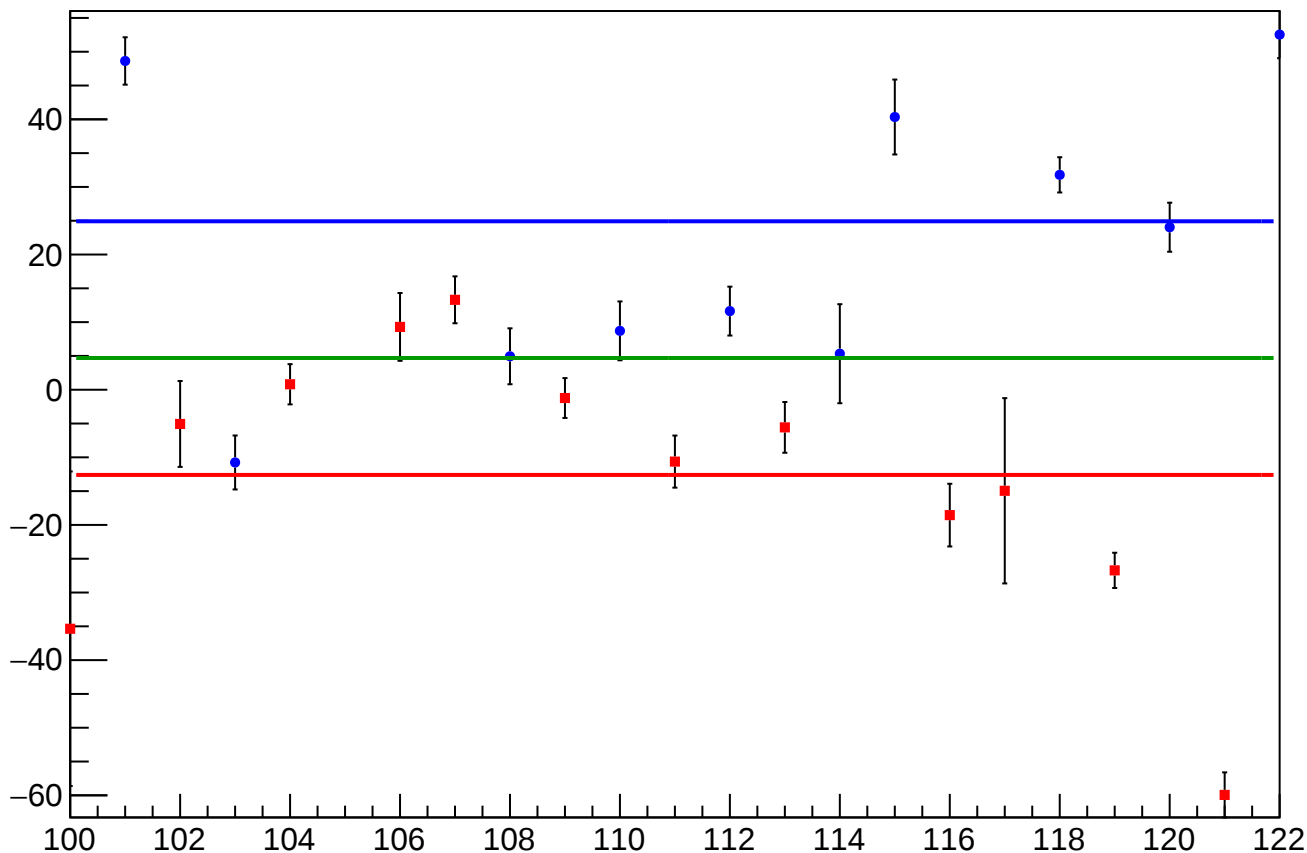
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

130.607 $\pm$ 1.861 χ^2 /NDF: 1140.6/9

-8.556 $\pm$ 1.240 χ^2 /NDF: 12437.2/21

-119.558 $\pm$ 1.662 χ^2 /NDF: 1247.5/11

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 24.918+/-1.205 χ^2/NDF : 260.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.603+/-1.115 χ^2/NDF : 348.7/11

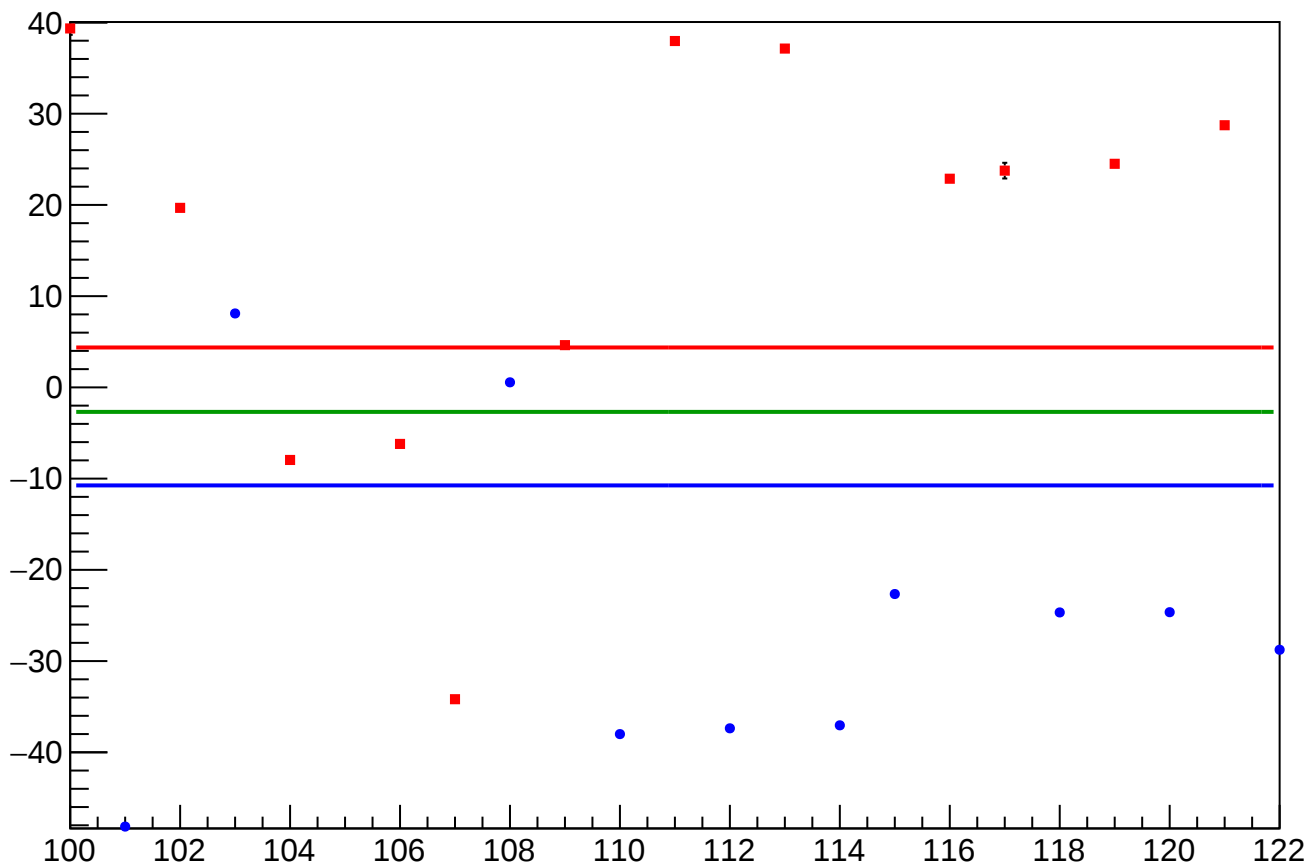
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

24.918+/-1.205 χ^2/NDF : 260.9/9

4.697+/-0.818 χ^2/NDF : 1131.9/21

-12.603+/-1.115 χ^2/NDF : 348.7/11

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -10.746 $\pm$ 0.060 χ^2 /NDF: 116480.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.374 $\pm$ 0.056 χ^2 /NDF: 147365.4/11

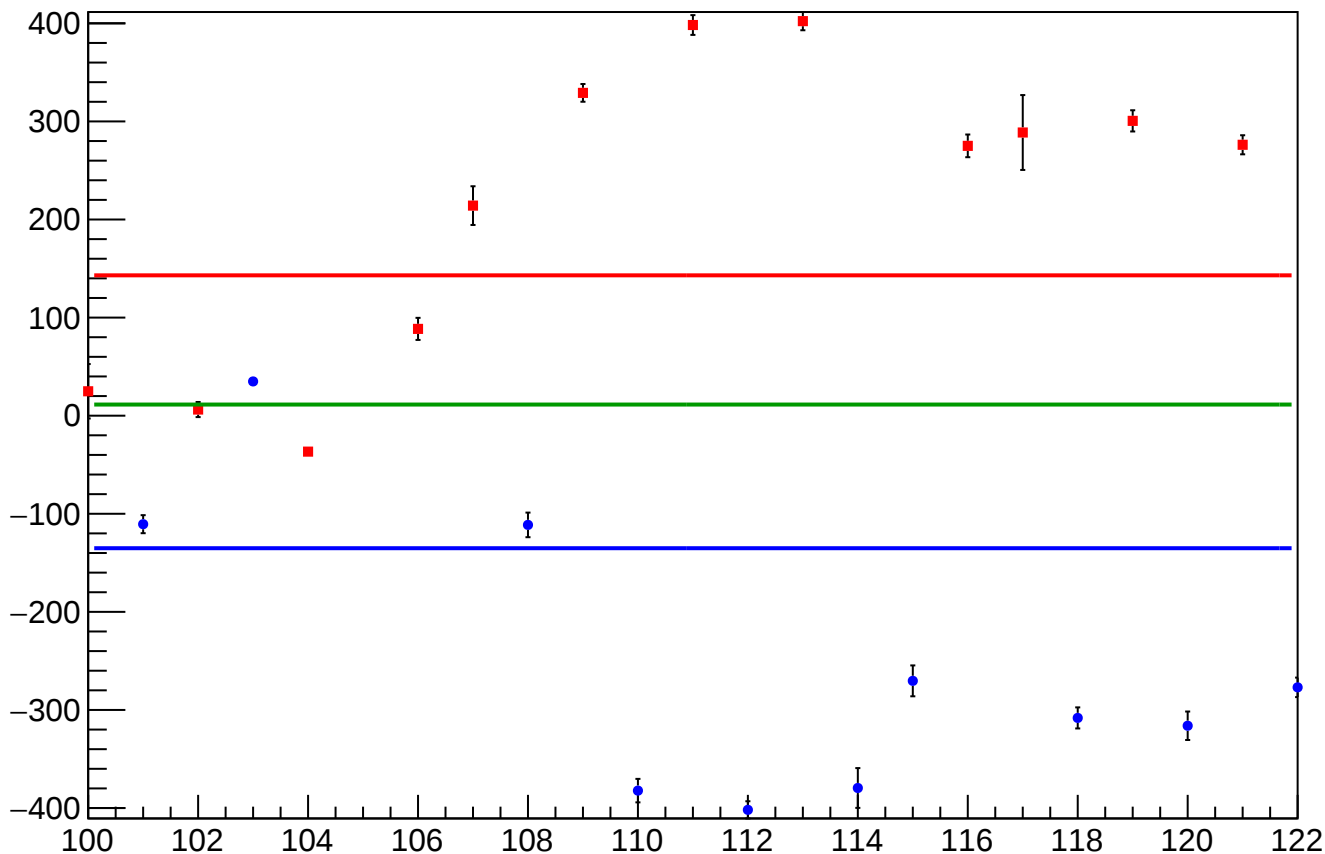
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-10.746 $\pm$ 0.060 χ^2 /NDF: 116480.6/9

-2.686 $\pm$ 0.041 χ^2 /NDF: 297697.8/21

4.374 $\pm$ 0.056 χ^2 /NDF: 147365.4/11

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -135.107+/-2.826 χ^2 /NDF: 3848.4/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 143.084+/-2.681 χ^2 /NDF: 4358.4/11

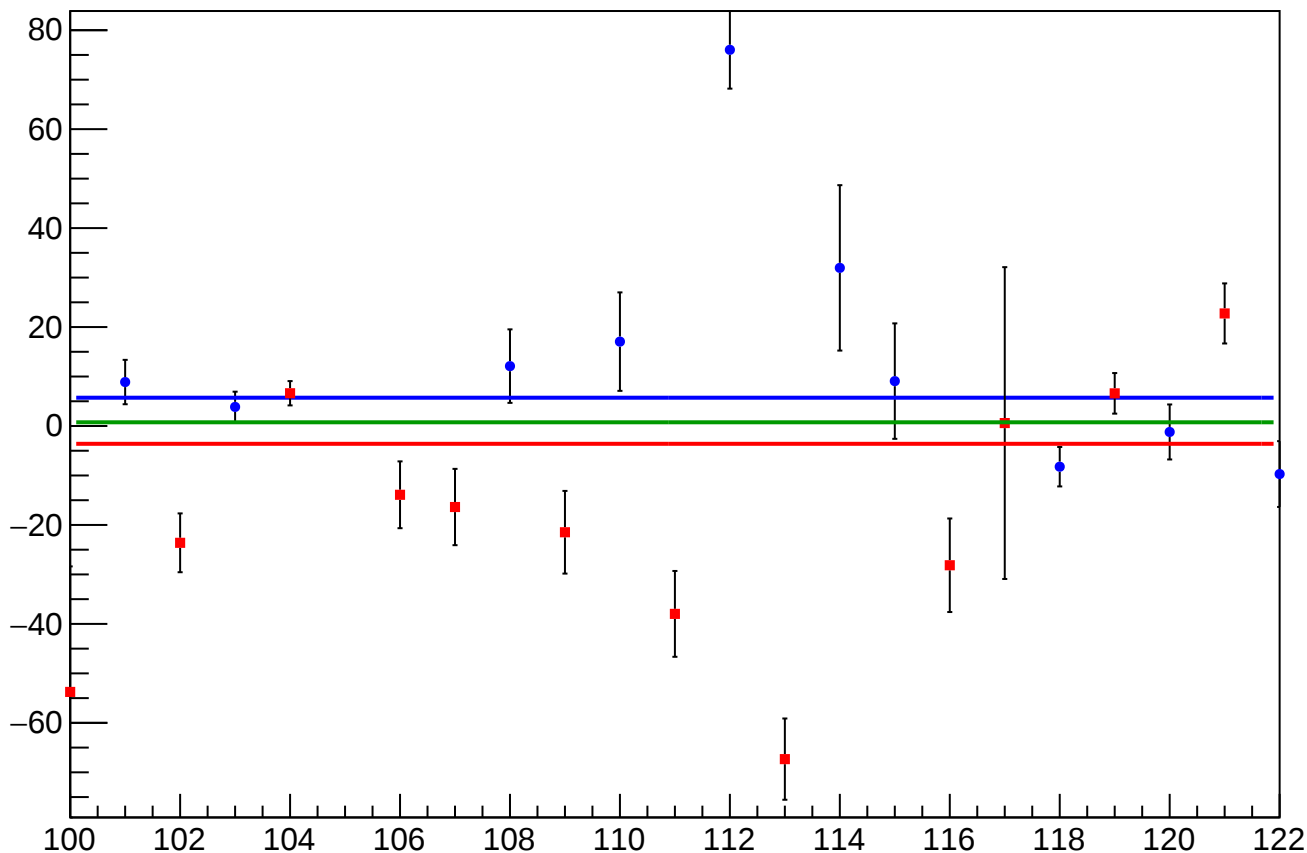
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-135.107+/-2.826 χ^2 /NDF: 3848.4/9

11.352+/-1.945 χ^2 /NDF: 13307.0/21

143.084+/-2.681 χ^2 /NDF: 4358.4/11

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.720+/-1.745 χ^2/NDF : 105.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.599+/-1.632 χ^2/NDF : 149.9/11

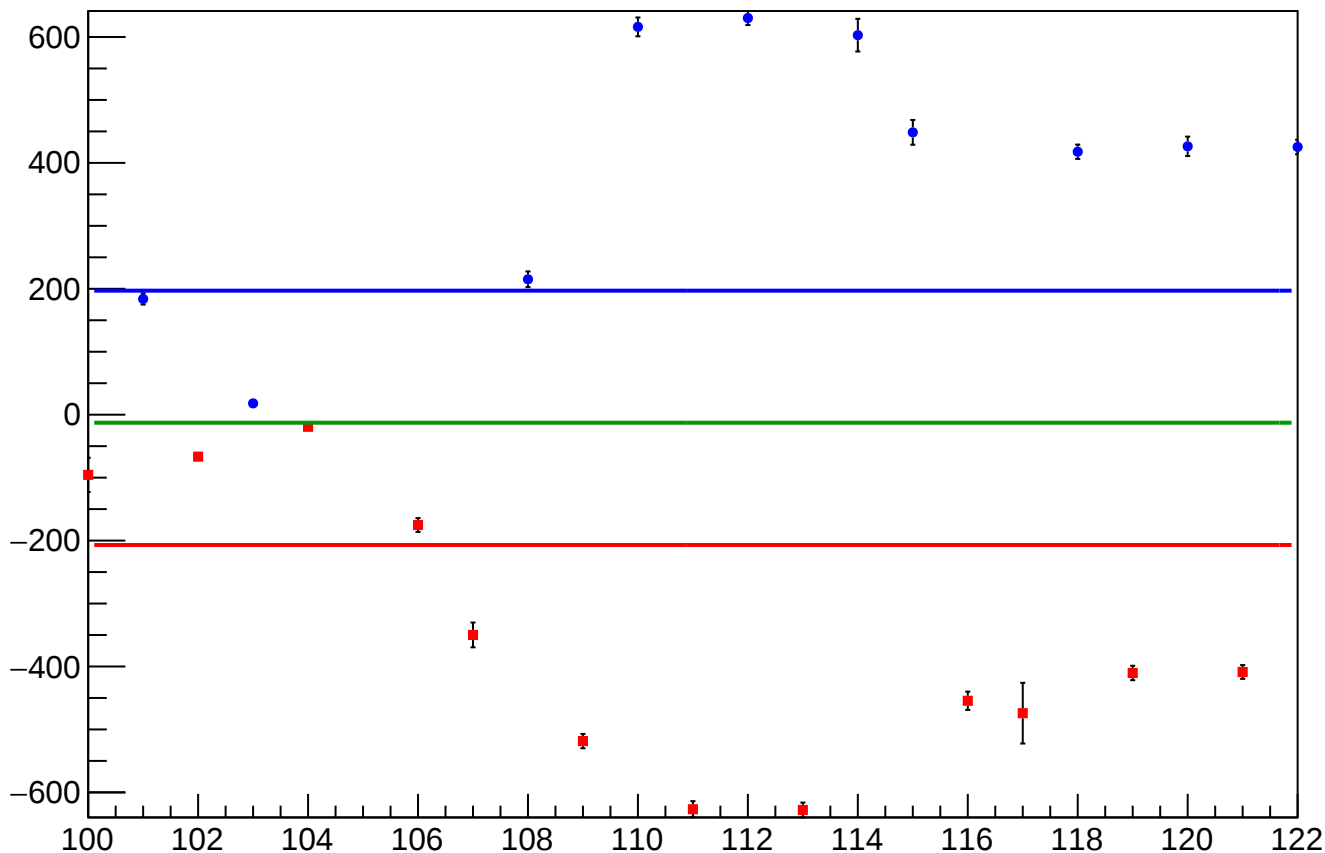
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.720+/-1.745 χ^2/NDF : 105.0/9

0.750+/-1.192 χ^2/NDF : 270.1/21

-3.599+/-1.632 χ^2/NDF : 149.9/11

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 197.029±/-2.936 χ^2/NDF : 5639.2/9

Left Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

Right Out: -206.984±/-2.826 χ^2/NDF : 6370.5/11

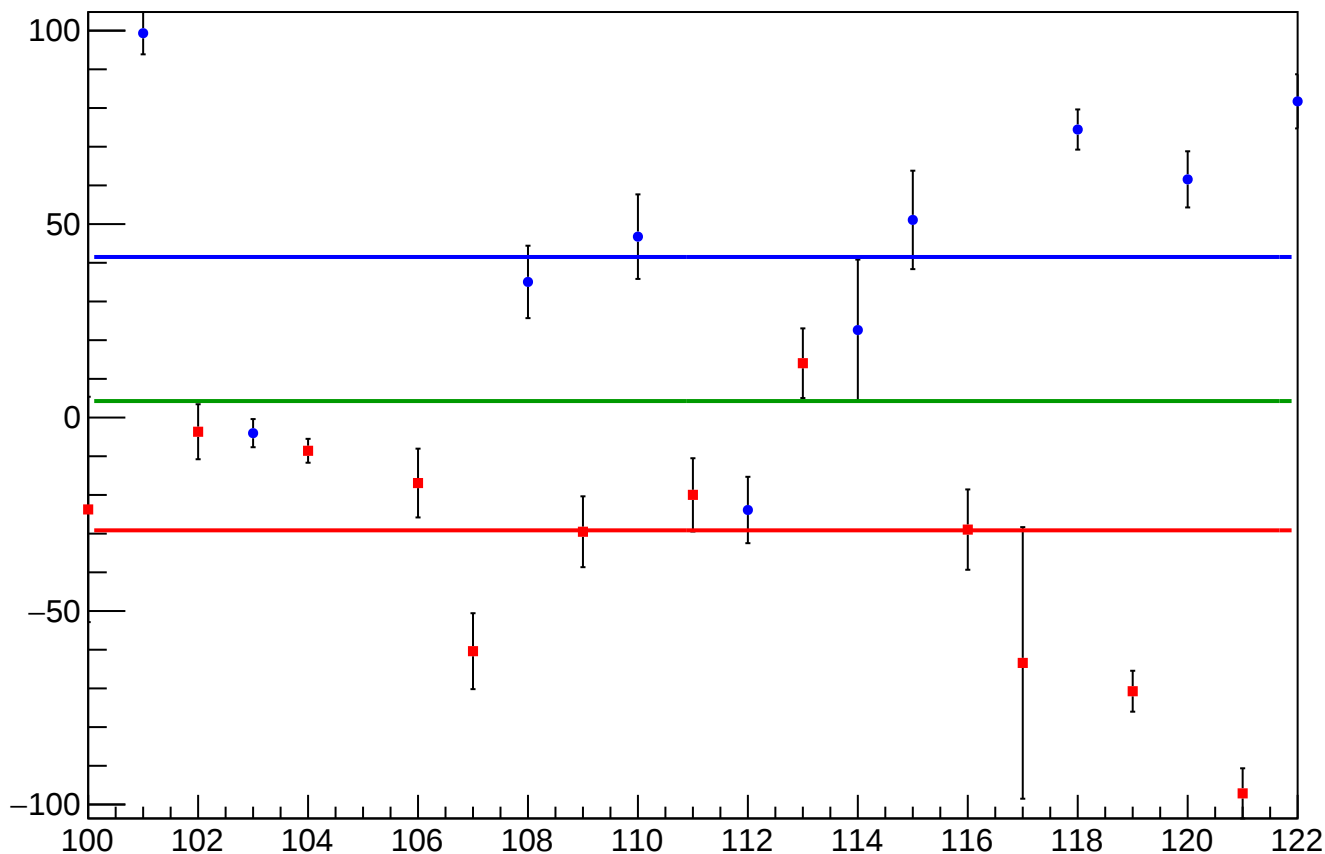
Left In: 0.000±/-0.000 χ^2/NDF : 0.0/0

197.029±/-2.936 χ^2/NDF : 5639.2/9

-12.730±/-2.036 χ^2/NDF : 21839.4/21

-206.984±/-2.826 χ^2/NDF : 6370.5/11

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.501 $\pm$ 2.094 χ^2 /NDF: 409.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -29.148 $\pm$ 1.984 χ^2 /NDF: 266.1/11

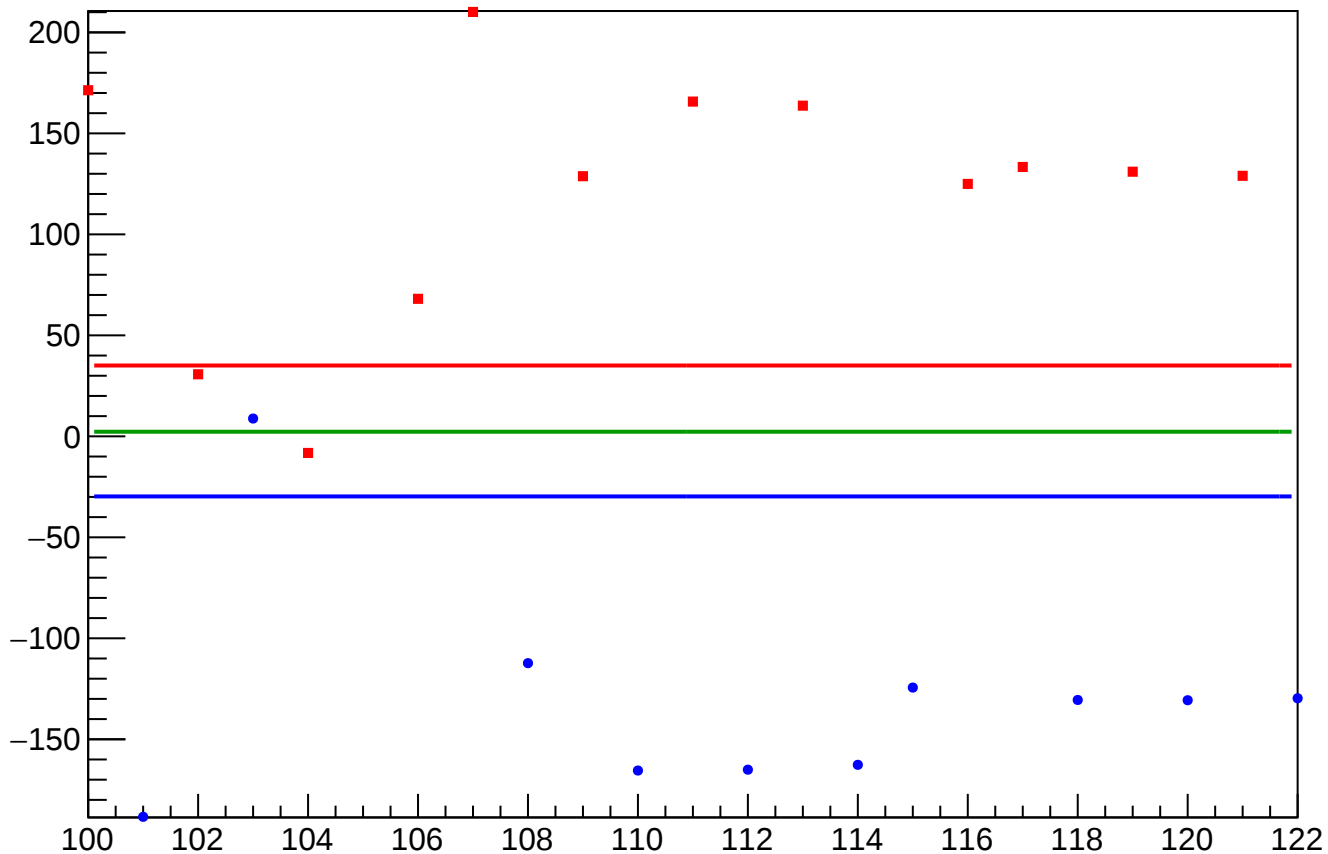
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

41.501 $\pm$ 2.094 χ^2 /NDF: 409.8/9

4.265 $\pm$ 1.440 χ^2 /NDF: 1275.8/21

-29.148 $\pm$ 1.984 χ^2 /NDF: 266.1/11

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -29.750 ± 0.079 χ^2/NDF : 751384.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 35.070 ± 0.079 χ^2/NDF : 592078.2/11

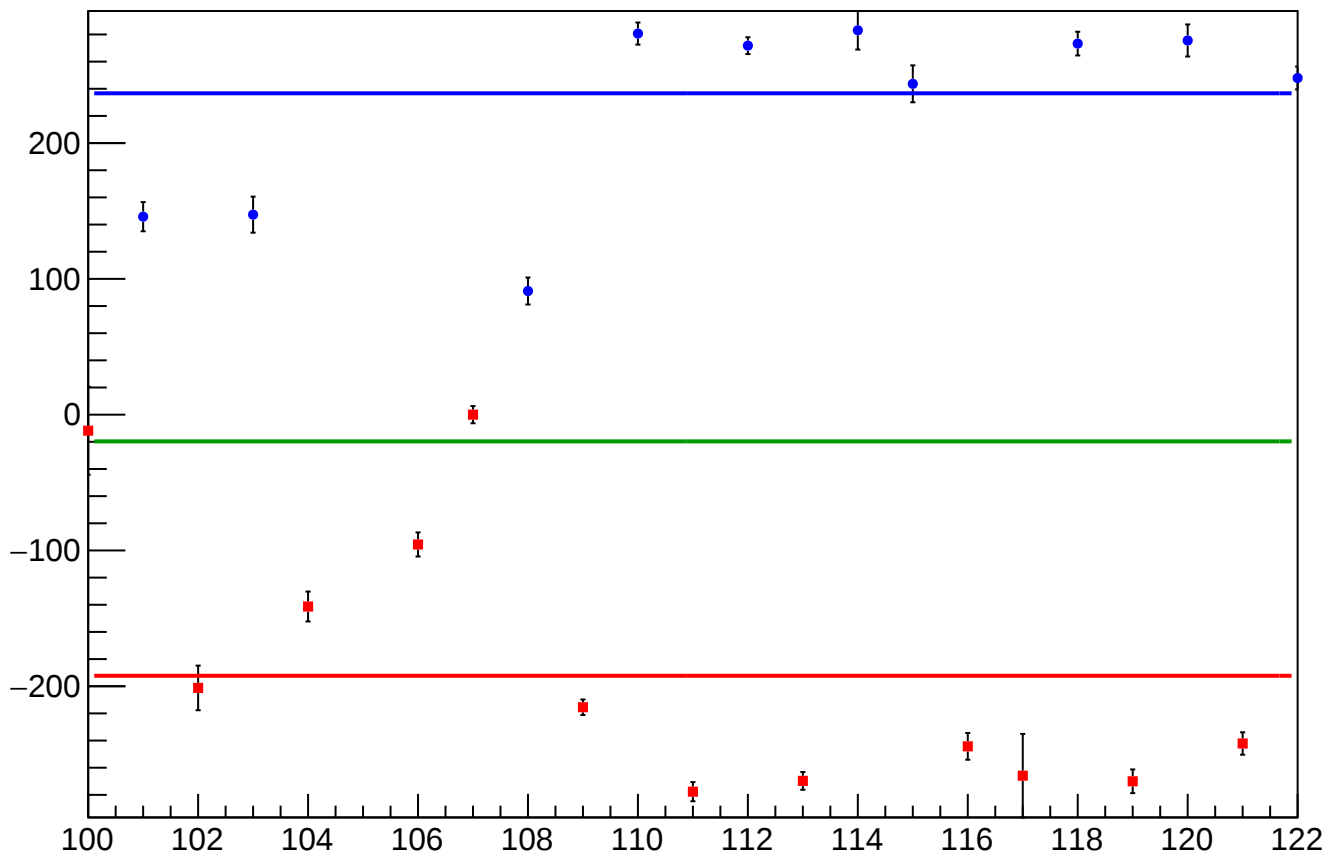
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-29.750 ± 0.079 χ^2/NDF : 751384.6/9

2.280 ± 0.056 χ^2/NDF : 1680169.4/21

35.070 ± 0.079 χ^2/NDF : 592078.2/11

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 236.664 $\pm$ 3.011 χ^2 /NDF: 433.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -192.298 $\pm$ 2.471 χ^2 /NDF: 1546.4/11

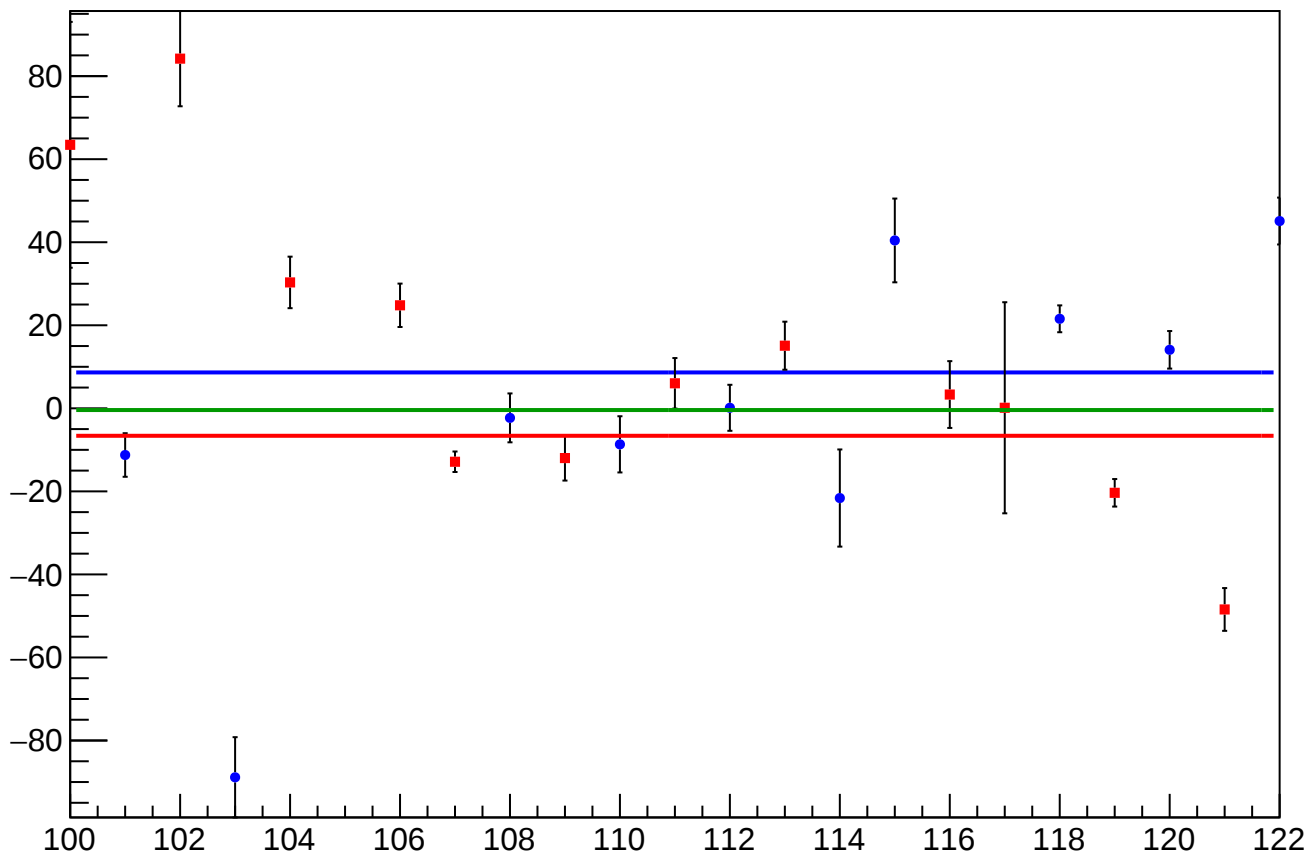
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

236.664 $\pm$ 3.011 χ^2 /NDF: 433.3/9

-19.669 $\pm$ 1.910 χ^2 /NDF: 14111.6/21

-192.298 $\pm$ 2.471 χ^2 /NDF: 1546.4/11

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.642 $\pm$ 1.759 χ^2 /NDF: 204.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -6.614 $\pm$ 1.455 χ^2 /NDF: 250.4/11

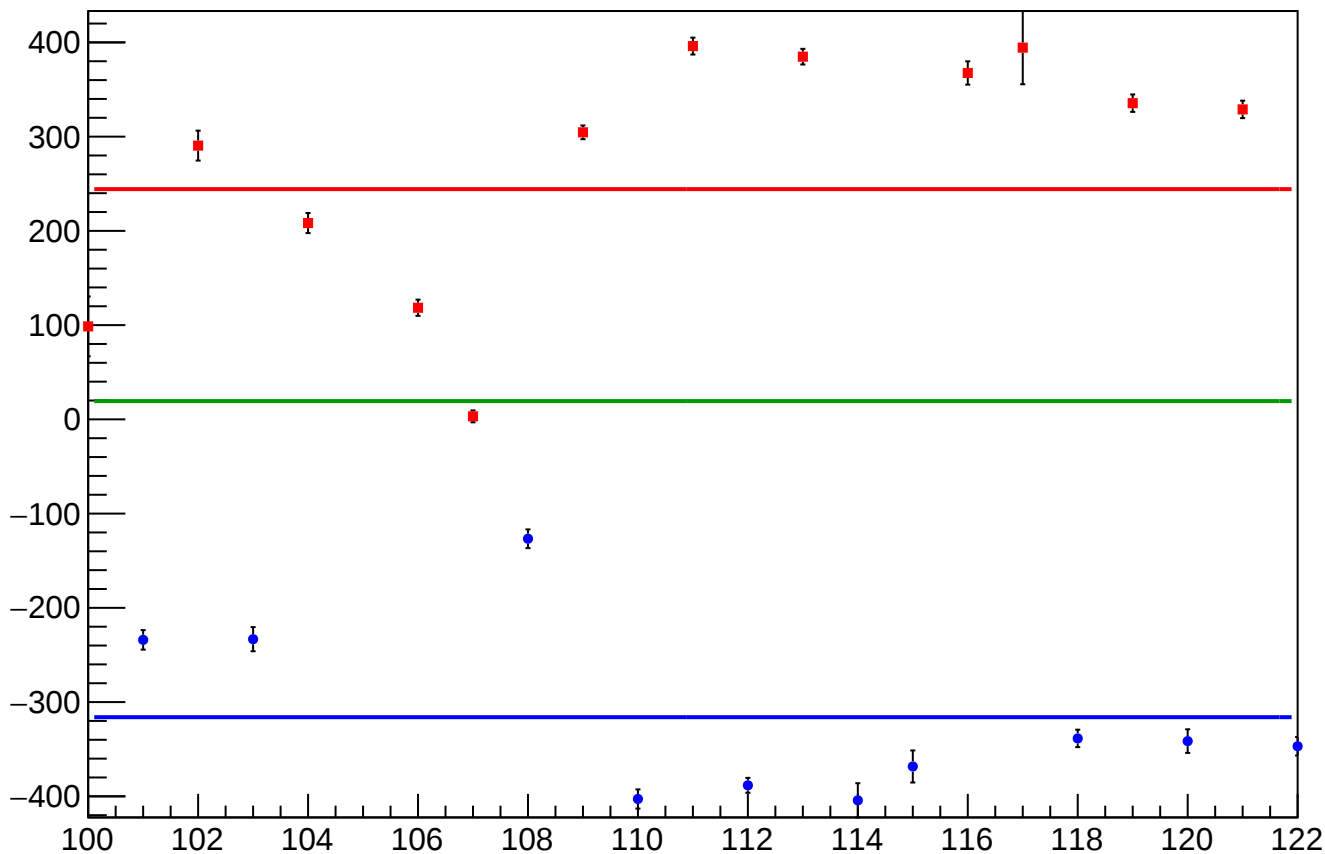
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8.642 $\pm$ 1.759 χ^2 /NDF: 204.2/9

-0.414 $\pm$ 1.121 χ^2 /NDF: 499.3/21

-6.614 $\pm$ 1.455 χ^2 /NDF: 250.4/11

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -316.022+/-3.407 χ^2/NDF : 677.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 244.303+/-2.790 χ^2/NDF : 2645.4/11

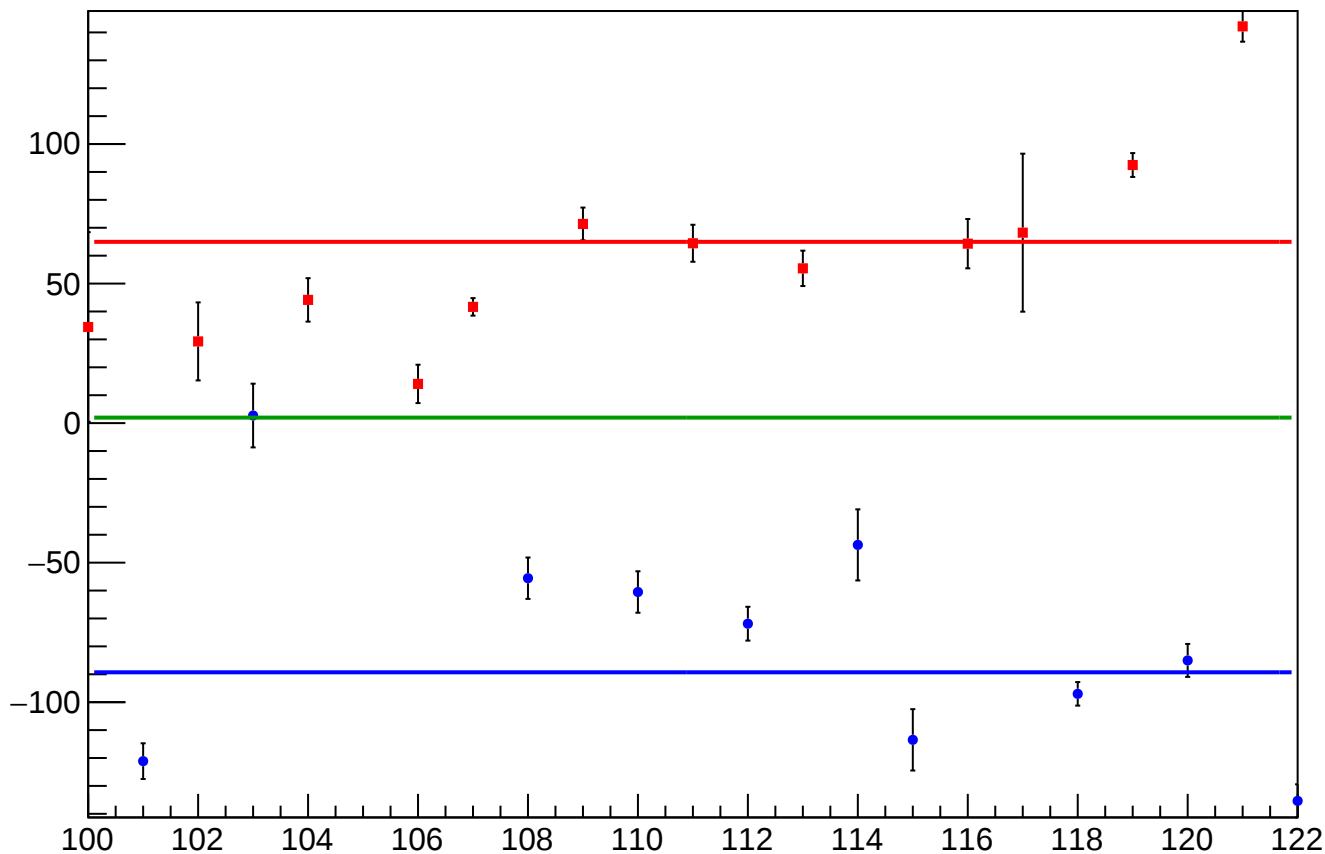
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-316.022+/-3.407 χ^2/NDF : 677.8/9

19.382+/-2.159 χ^2/NDF : 19514.7/21

244.303+/-2.790 χ^2/NDF : 2645.4/11

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -89.291+/-2.116 χ^2/NDF : 215.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.955+/-1.758 χ^2/NDF : 366.6/11

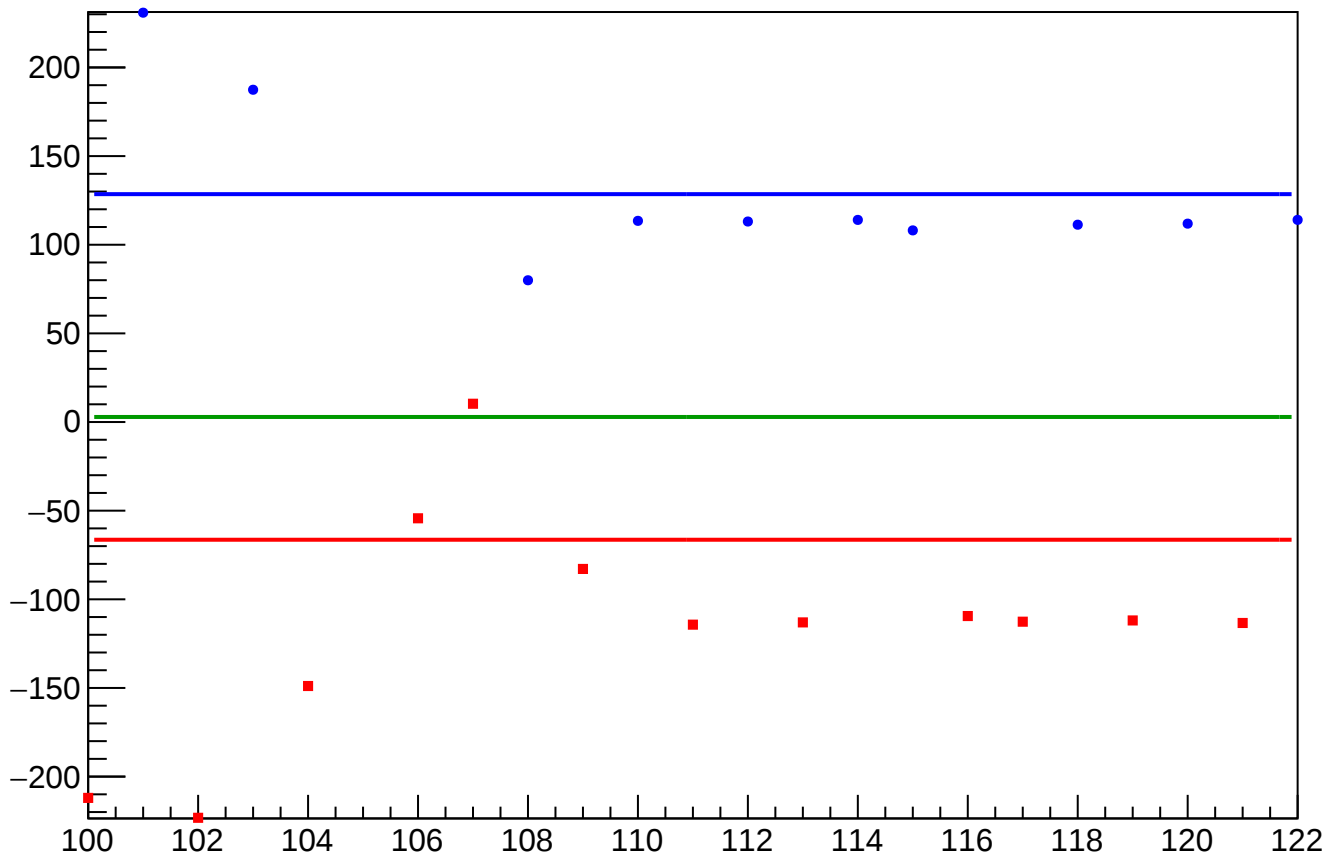
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-89.291+/-2.116 χ^2/NDF : 215.4/9

1.974+/-1.352 χ^2/NDF : 3726.4/21

64.955+/-1.758 χ^2/NDF : 366.6/11

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 128.538 $\pm$ 0.120 χ^2/NDF : 171790.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -66.397 $\pm$ 0.089 χ^2/NDF : 634151.5/11

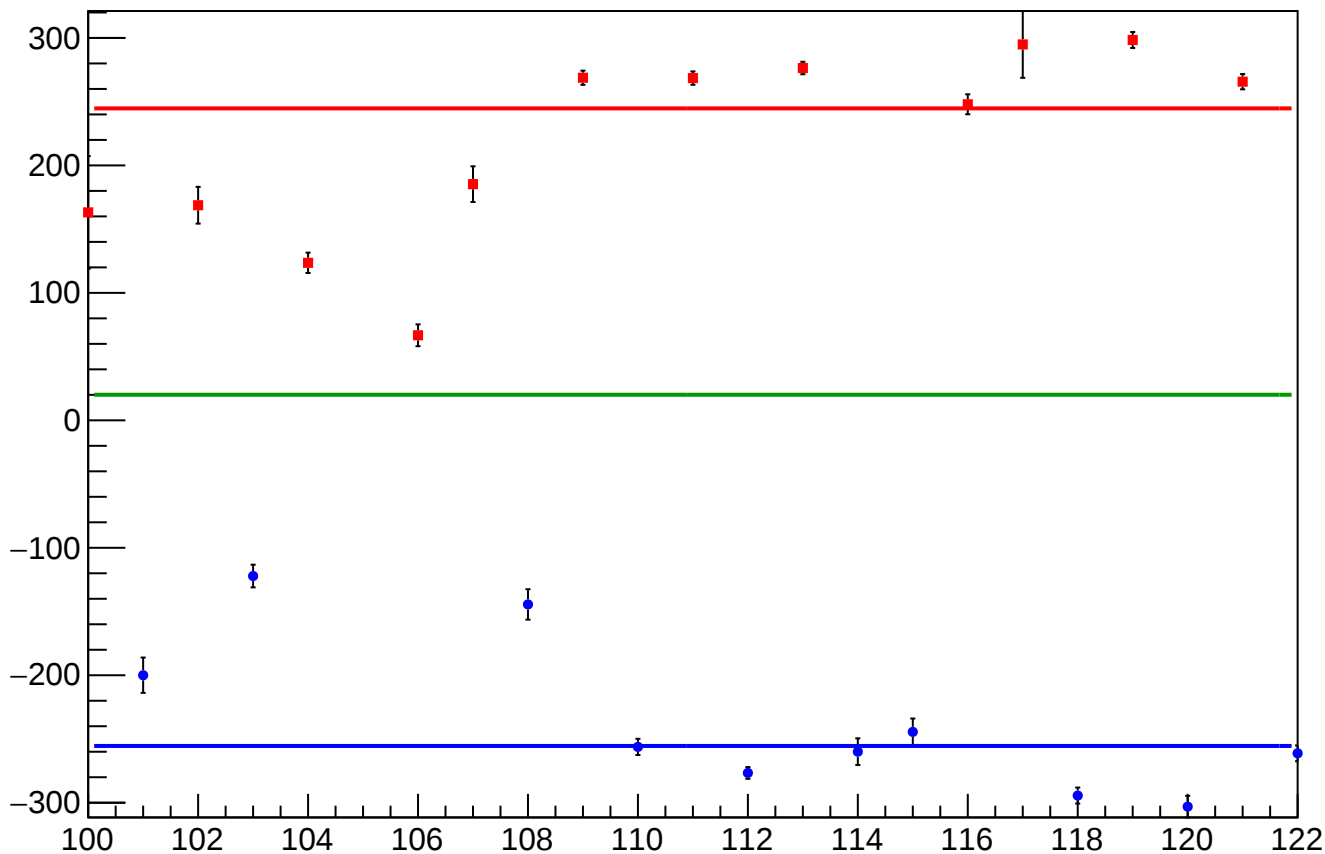
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

128.538 $\pm$ 0.120 χ^2/NDF : 171790.8/9

2.852 $\pm$ 0.071 χ^2/NDF : 2518461.1/21

-66.397 $\pm$ 0.089 χ^2/NDF : 634151.5/11

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -255.470+/-2.355 χ^2/NDF : 420.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 244.718+/-2.126 χ^2/NDF : 882.0/11

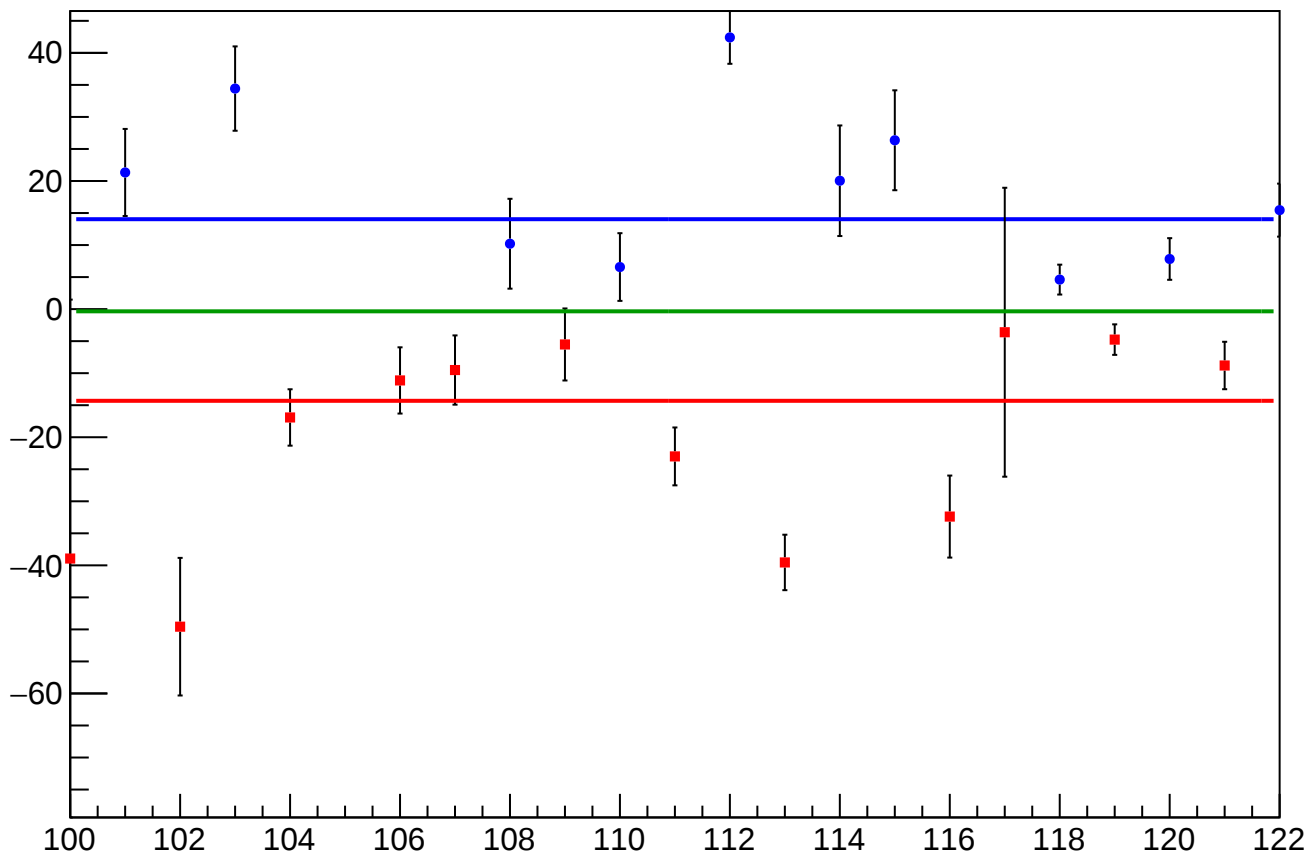
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-255.470+/-2.355 χ^2/NDF : 420.5/9

20.070+/-1.578 χ^2/NDF : 26155.0/21

244.718+/-2.126 χ^2/NDF : 882.0/11

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.036 $\pm$ 1.378 χ^2 /NDF: 83.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -14.314 $\pm$ 1.358 χ^2 /NDF: 79.3/11

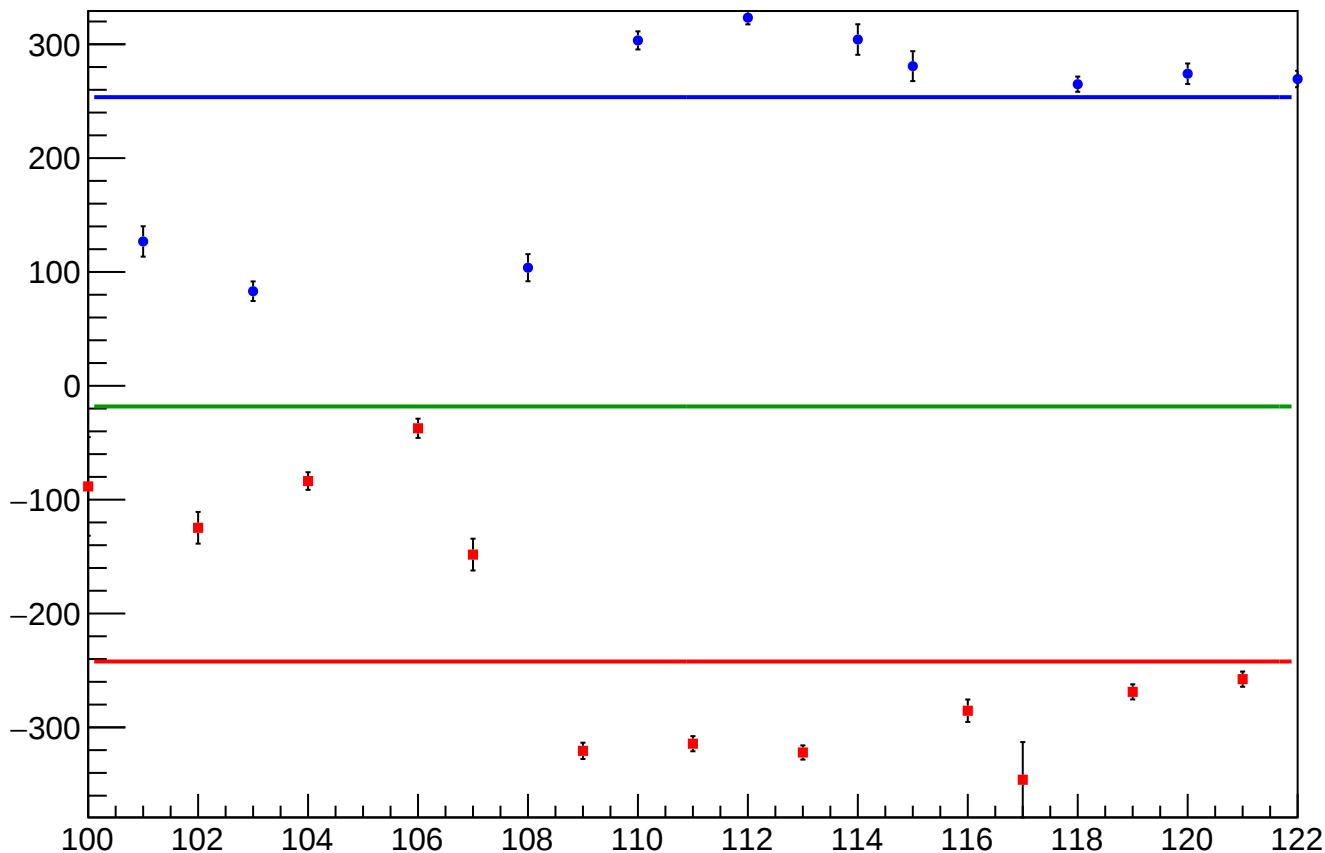
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

14.036 $\pm$ 1.378 χ^2 /NDF: 83.6/9

-0.345 $\pm$ 0.967 χ^2 /NDF: 377.5/21

-14.314 $\pm$ 1.358 χ^2 /NDF: 79.3/11

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 253.542 $\pm$ 2.707 χ^2 /NDF: 854.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -242.146 $\pm$ 2.458 χ^2 /NDF: 1592.7/11

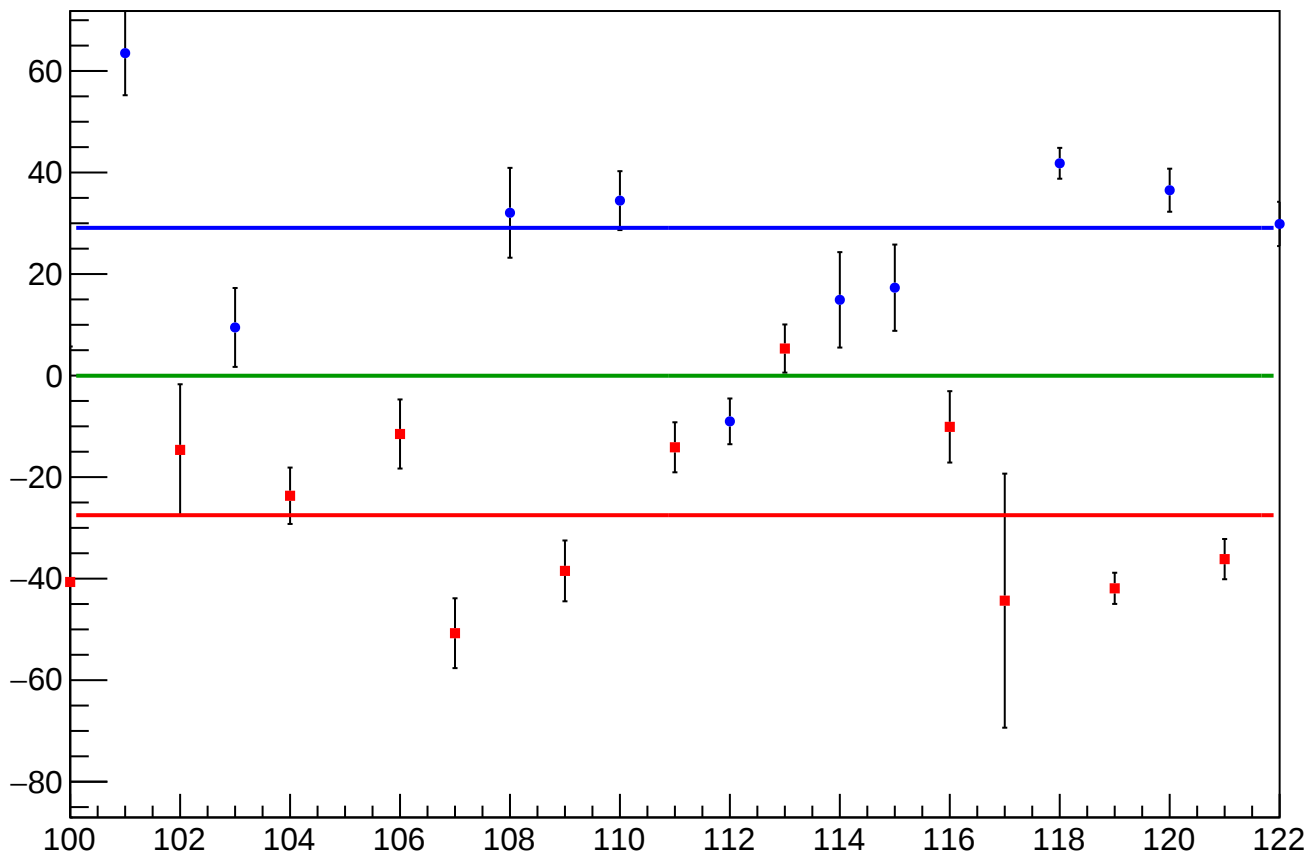
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

253.542 $\pm$ 2.707 χ^2 /NDF: 854.0/9

-18.128 $\pm$ 1.820 χ^2 /NDF: 20828.9/21

-242.146 $\pm$ 2.458 χ^2 /NDF: 1592.7/11

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 29.099+/-1.656 χ^2 /NDF: 121.0/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -27.503+/-1.608 χ^2 /NDF: 110.5/11

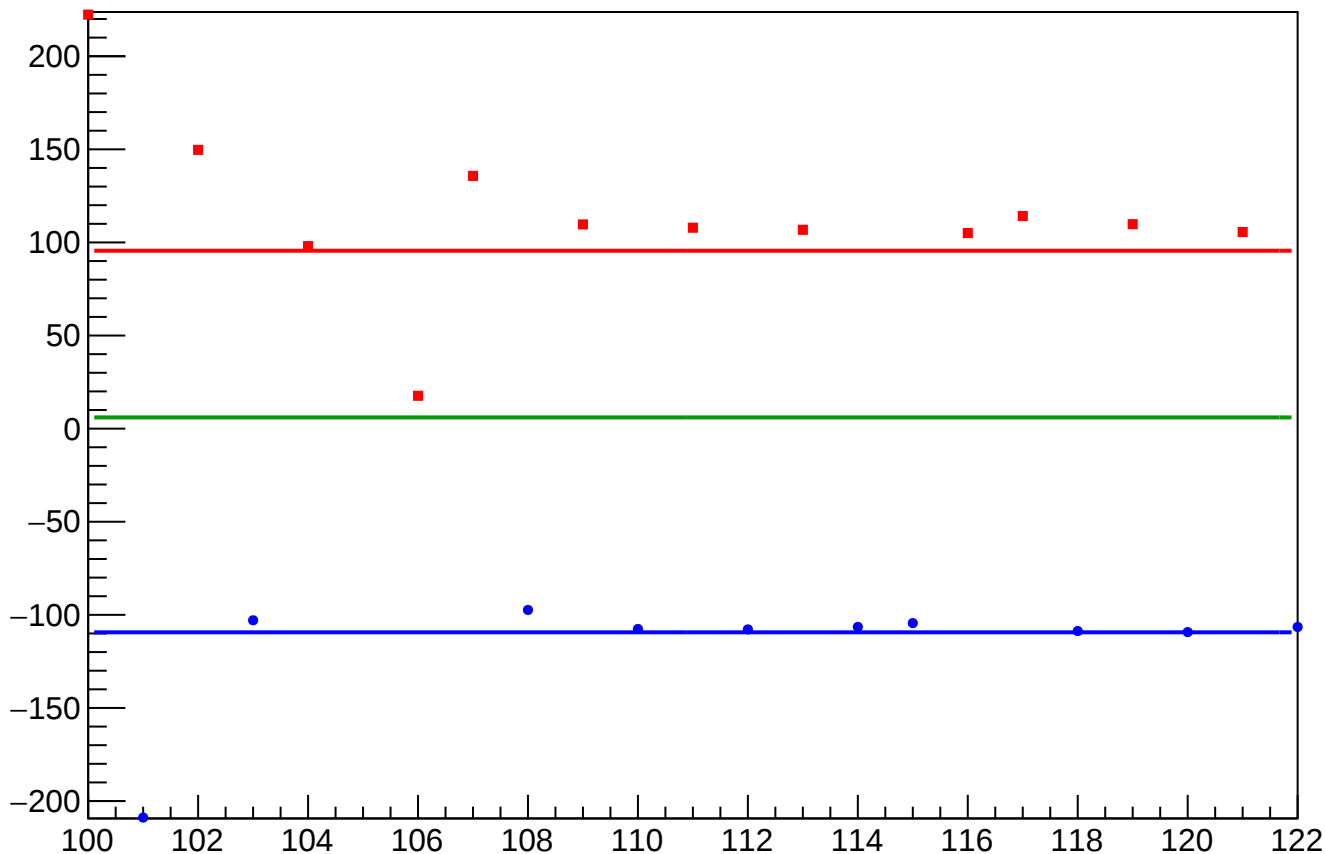
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

29.099+/-1.656 χ^2 /NDF: 121.0/9

-0.031+/-1.154 χ^2 /NDF: 832.7/21

-27.503+/-1.608 χ^2 /NDF: 110.5/11

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -109.389+/-0.099 χ^2/NDF : 46285.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.538+/-0.088 χ^2/NDF : 201710.9/11

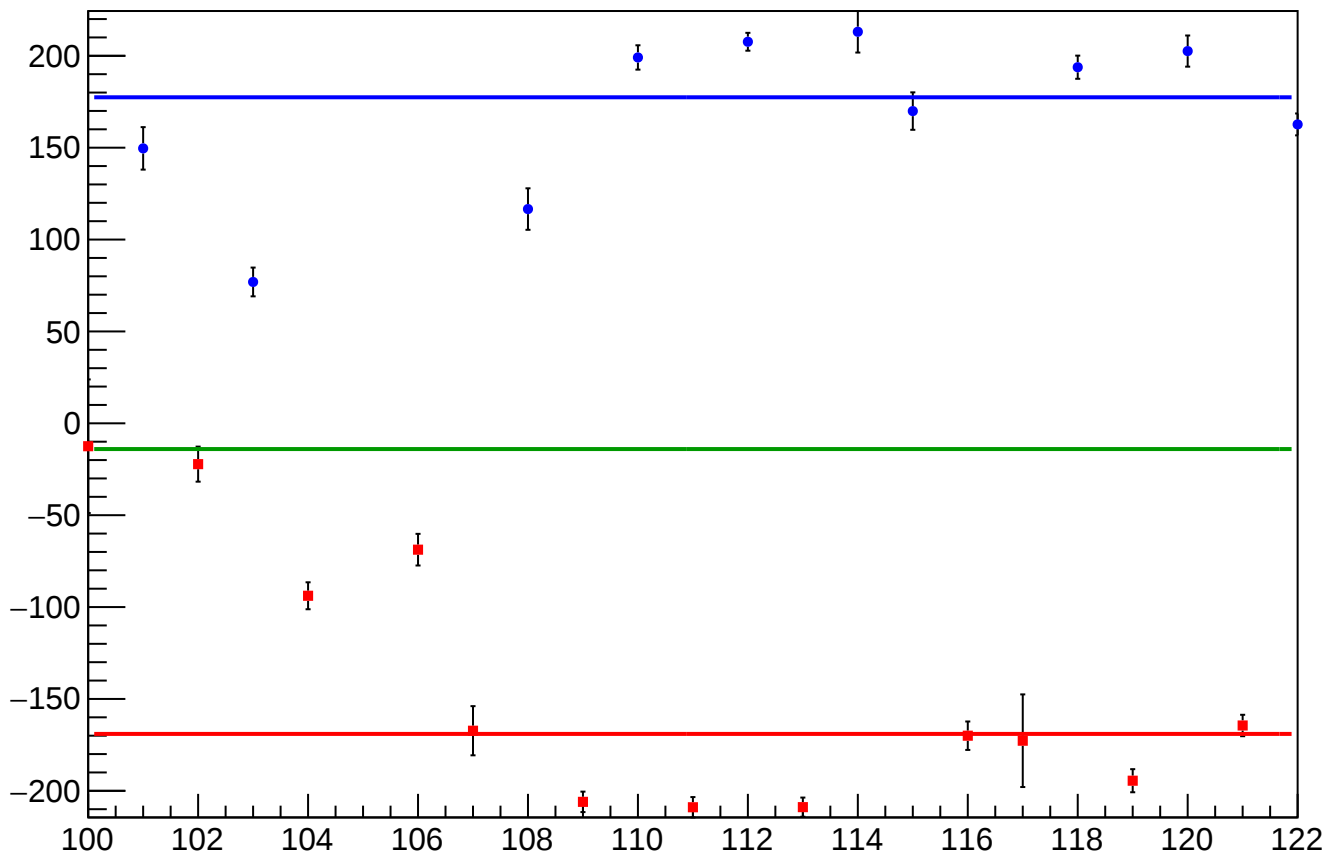
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-109.389+/-0.099 χ^2/NDF : 46285.2/9

6.031+/-0.066 χ^2/NDF : 2642964.3/21

95.538+/-0.088 χ^2/NDF : 201710.9/11

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 177.427+/-2.347 χ^2/NDF : 281.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -169.031+/-2.112 χ^2/NDF : 667.7/11

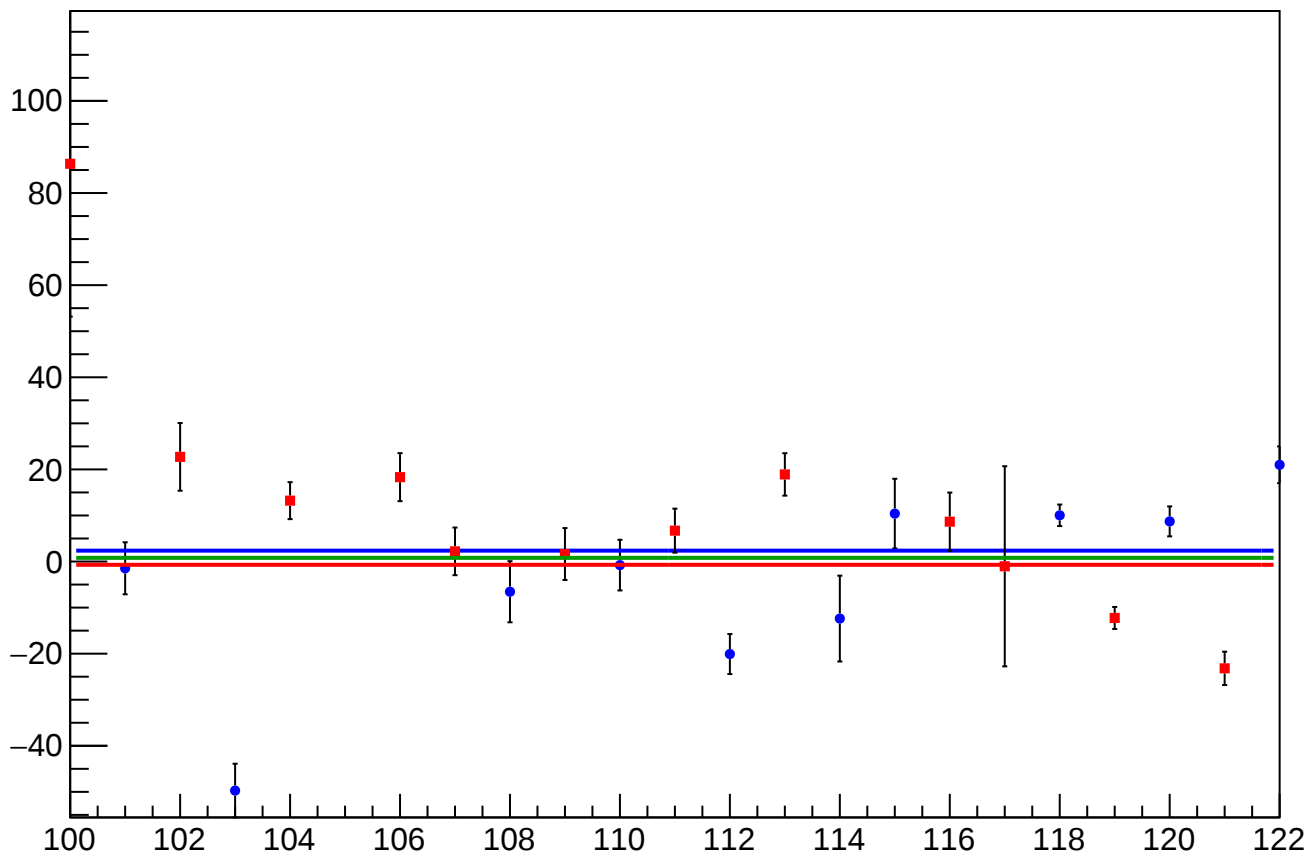
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

177.427+/-2.347 χ^2/NDF : 281.2/9

-14.007+/-1.570 χ^2/NDF : 12985.1/21

-169.031+/-2.112 χ^2/NDF : 667.7/11

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.367 ± 1.362 $\chi^2/\text{NDF}: 149.1/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.709 ± 1.339 $\chi^2/\text{NDF}: 127.7/11$

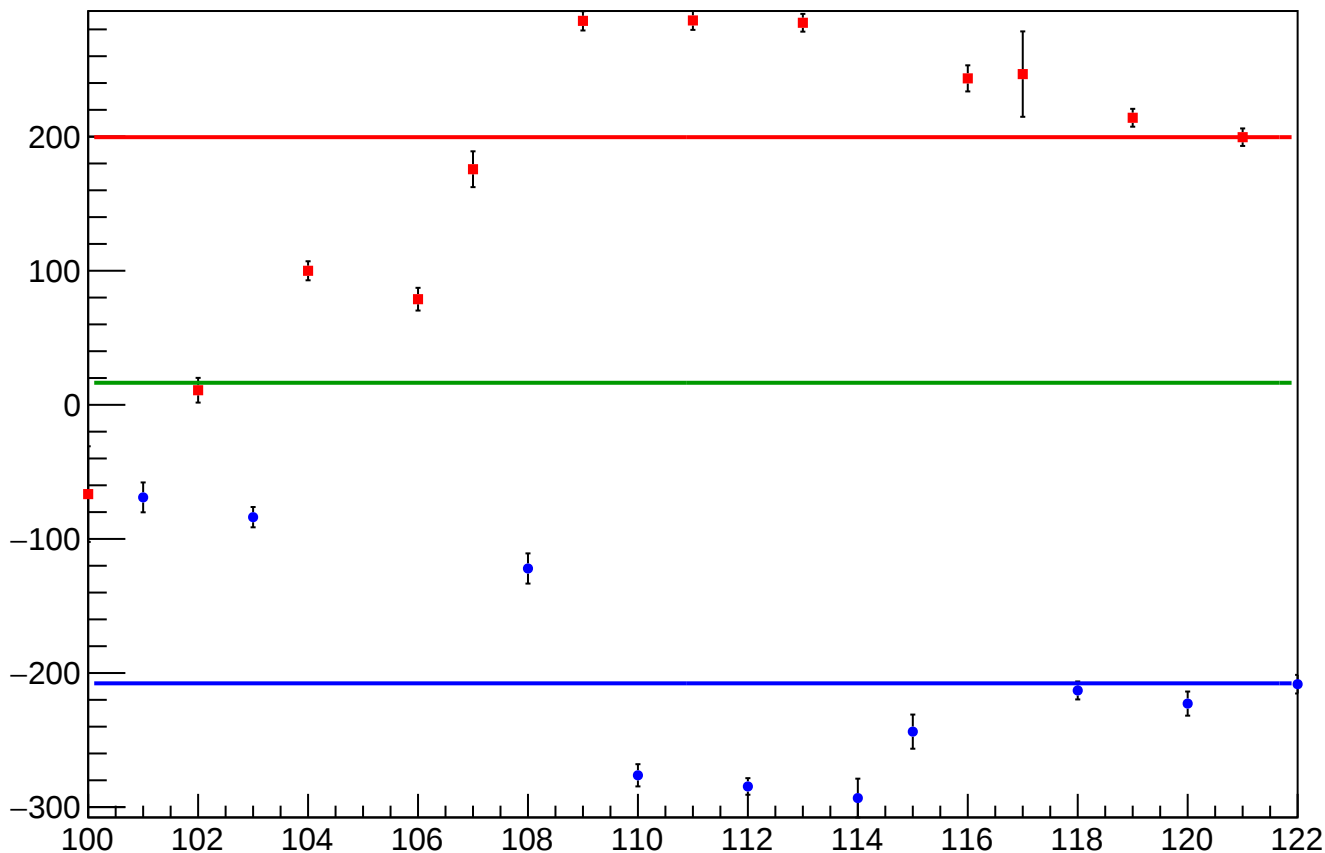
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

2.367 ± 1.362 $\chi^2/\text{NDF}: 149.1/9$

0.803 ± 0.955 $\chi^2/\text{NDF}: 279.3/21$

-0.709 ± 1.339 $\chi^2/\text{NDF}: 127.7/11$

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -207.694+/-2.668 χ^2/NDF : 750.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.620+/-2.412 χ^2/NDF : 1370.5/11

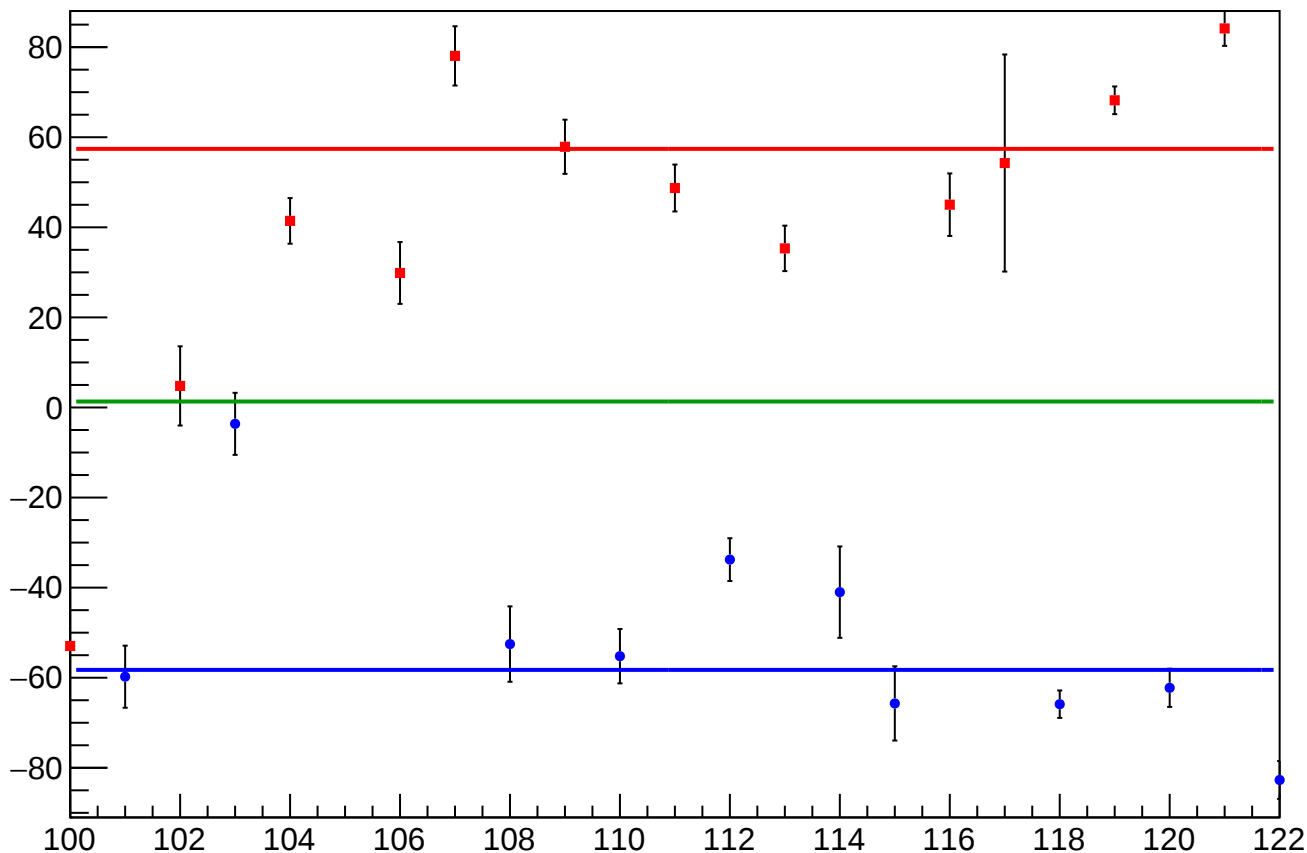
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-207.694+/-2.668 χ^2/NDF : 750.4/9

16.458+/-1.789 χ^2/NDF : 14943.7/21

199.620+/-2.412 χ^2/NDF : 1370.5/11

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -58.259+/-1.638 χ^2/NDF : 135.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.418+/-1.589 χ^2/NDF : 165.4/11

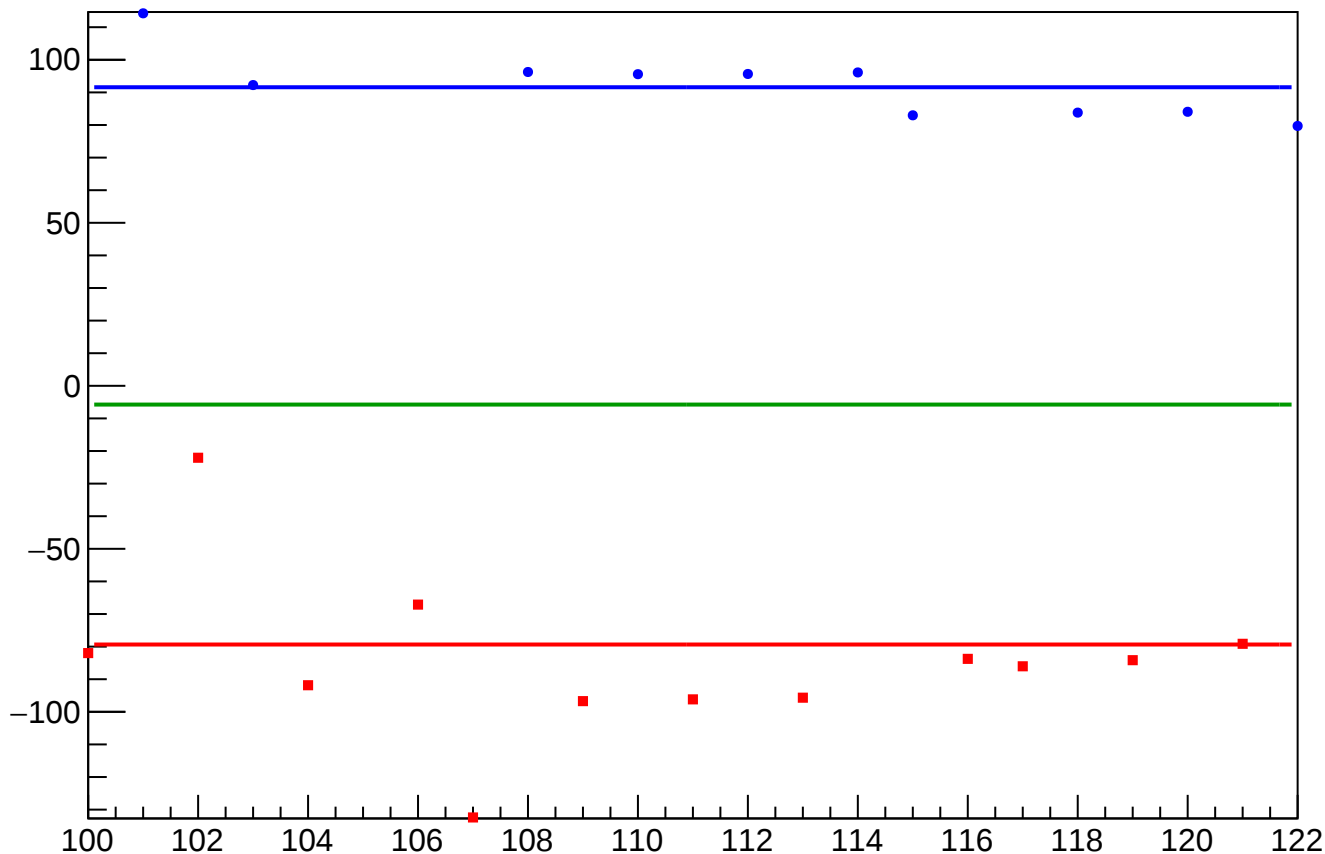
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-58.259+/-1.638 χ^2/NDF : 135.0/9

1.323+/-1.141 χ^2/NDF : 2869.3/21

57.418+/-1.589 χ^2/NDF : 165.4/11

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 91.583+/-0.095 χ^2/NDF : 6973.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -79.355+/-0.082 χ^2/NDF : 119748.7/11

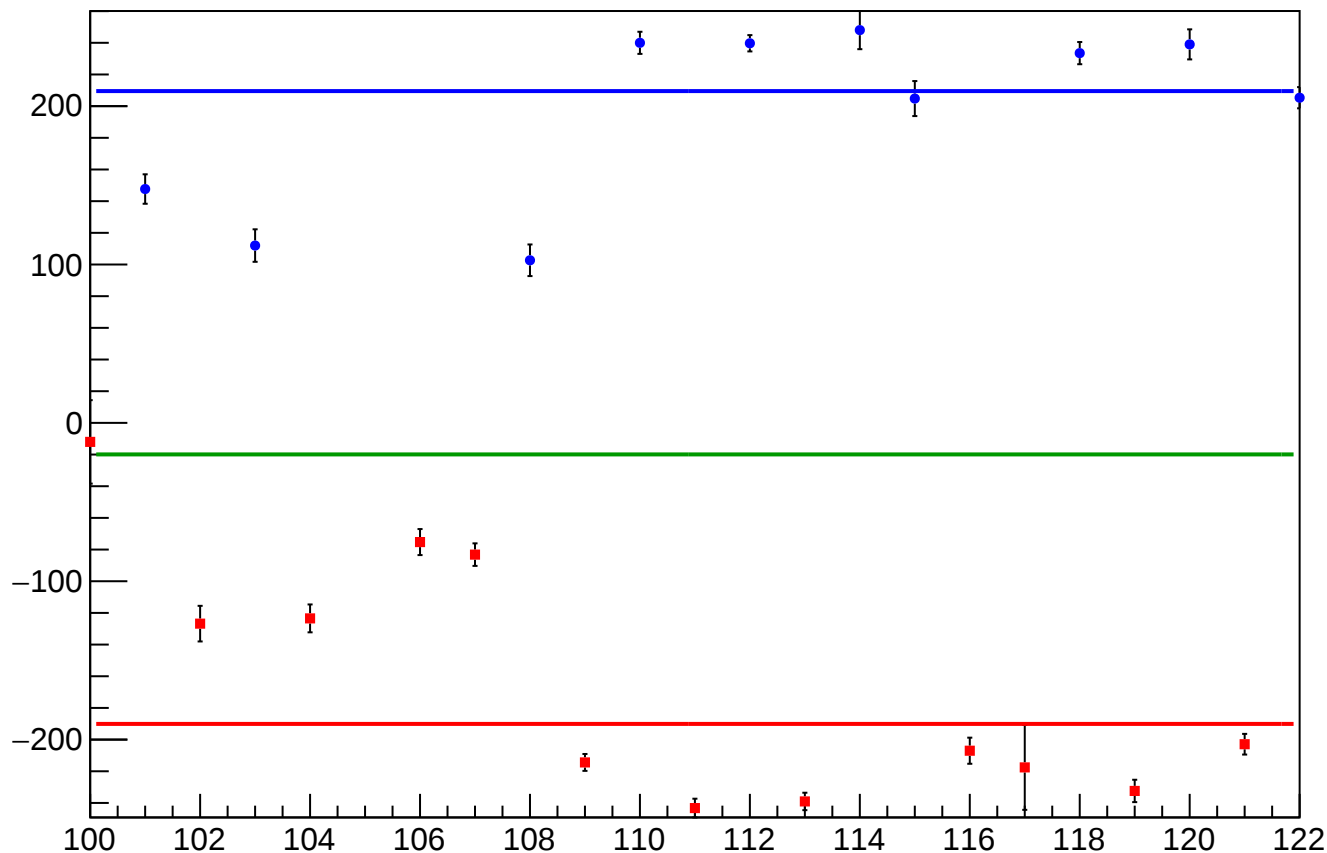
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

91.583+/-0.095 χ^2/NDF : 6973.5/9

-5.754+/-0.062 χ^2/NDF : 1978045.3/21

-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: 209.511 $\pm$ 2.514 χ^2 /NDF: 334.8/9

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

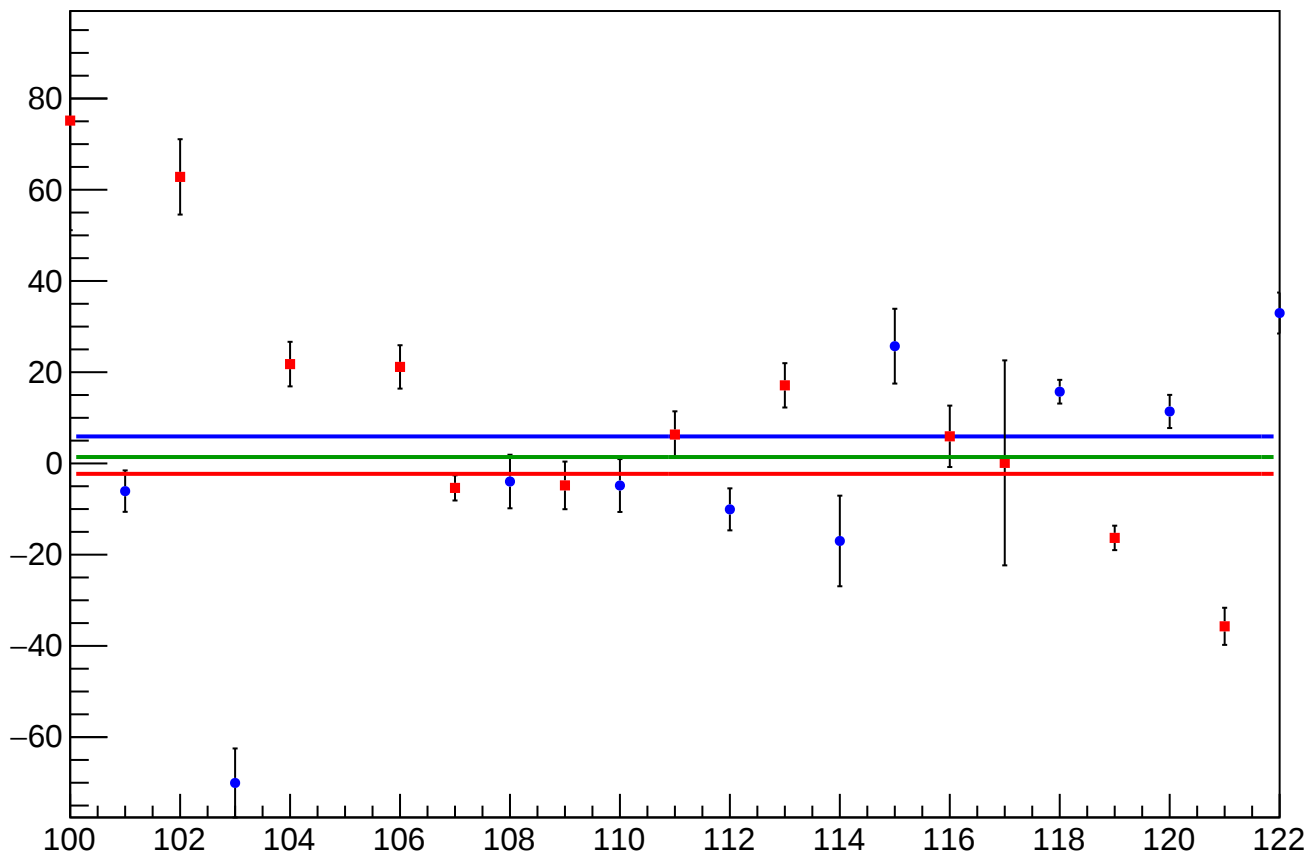
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

209.511 $\pm$ 2.514 χ^2 /NDF: 334.8/9

-19.917 $\pm$ 1.641 χ^2 /NDF: 15616.9/21

-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: 5.920+/-1.458 χ^2/NDF : 190.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.283+/-1.318 χ^2/NDF : 237.8/11

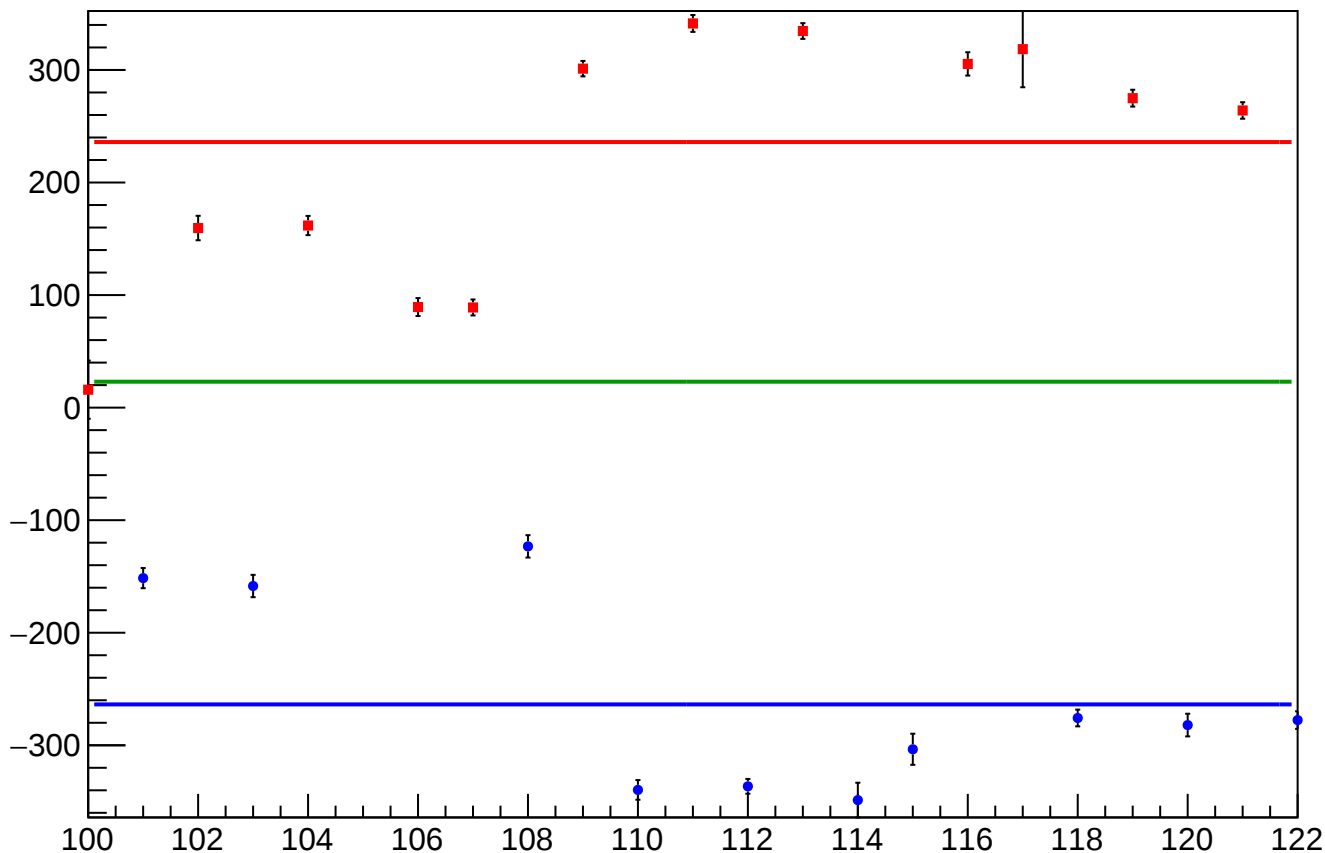
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.920+/-1.458 χ^2/NDF : 190.2/9

1.406+/-0.978 χ^2/NDF : 445.4/21

-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: -263.684+/-2.853 χ^2/NDF : 715.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 235.964+/-2.458 χ^2/NDF : 1543.0/11

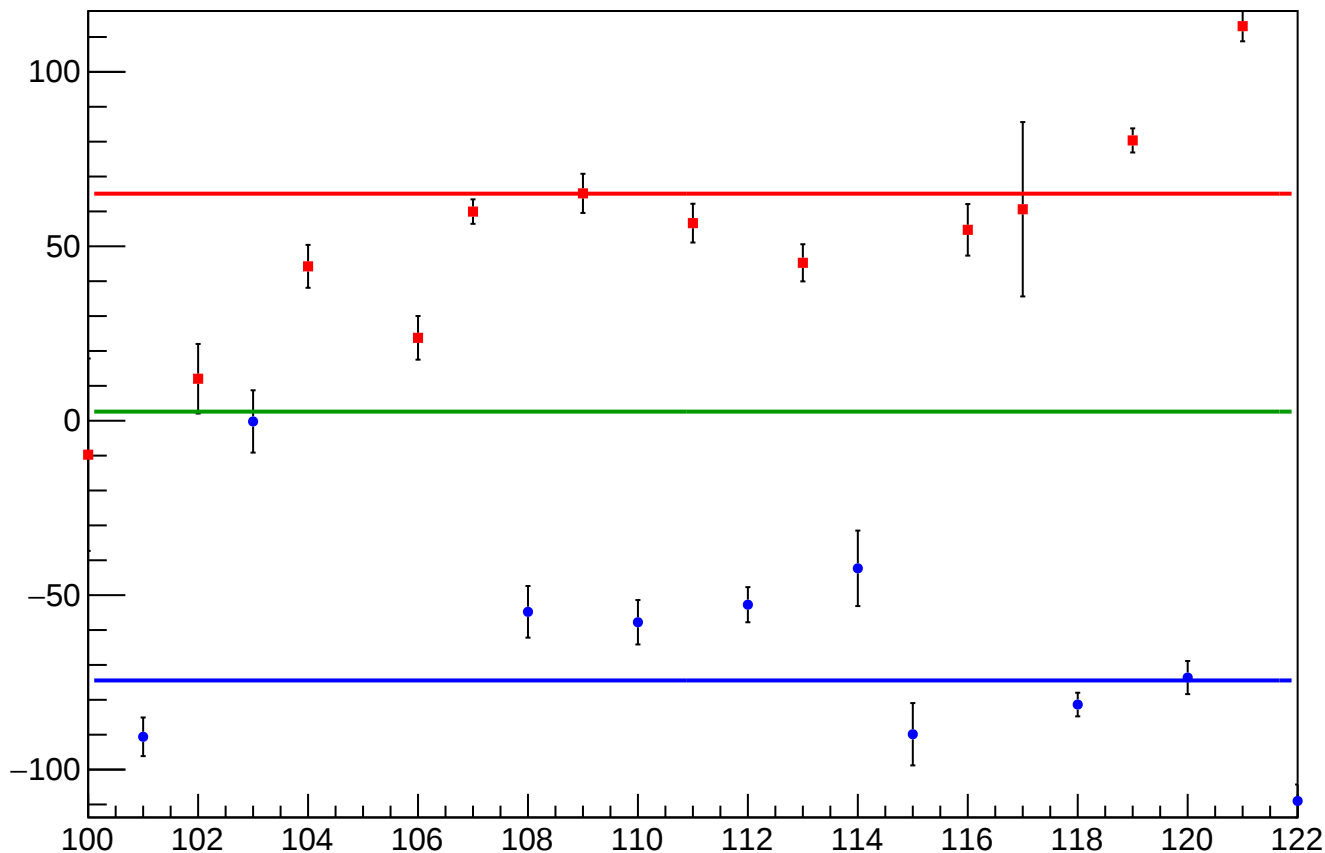
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-263.684+/-2.853 χ^2/NDF : 715.0/9

23.036+/-1.862 χ^2/NDF : 19861.2/21

235.964+/-2.458 χ^2/NDF : 1543.0/11

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -74.450±1.754 χ^2/NDF : 179.6/9

Left Out: 0.000±0.000 χ^2/NDF : 0.0/0

Right Out: 65.089±1.580 χ^2/NDF : 252.8/11

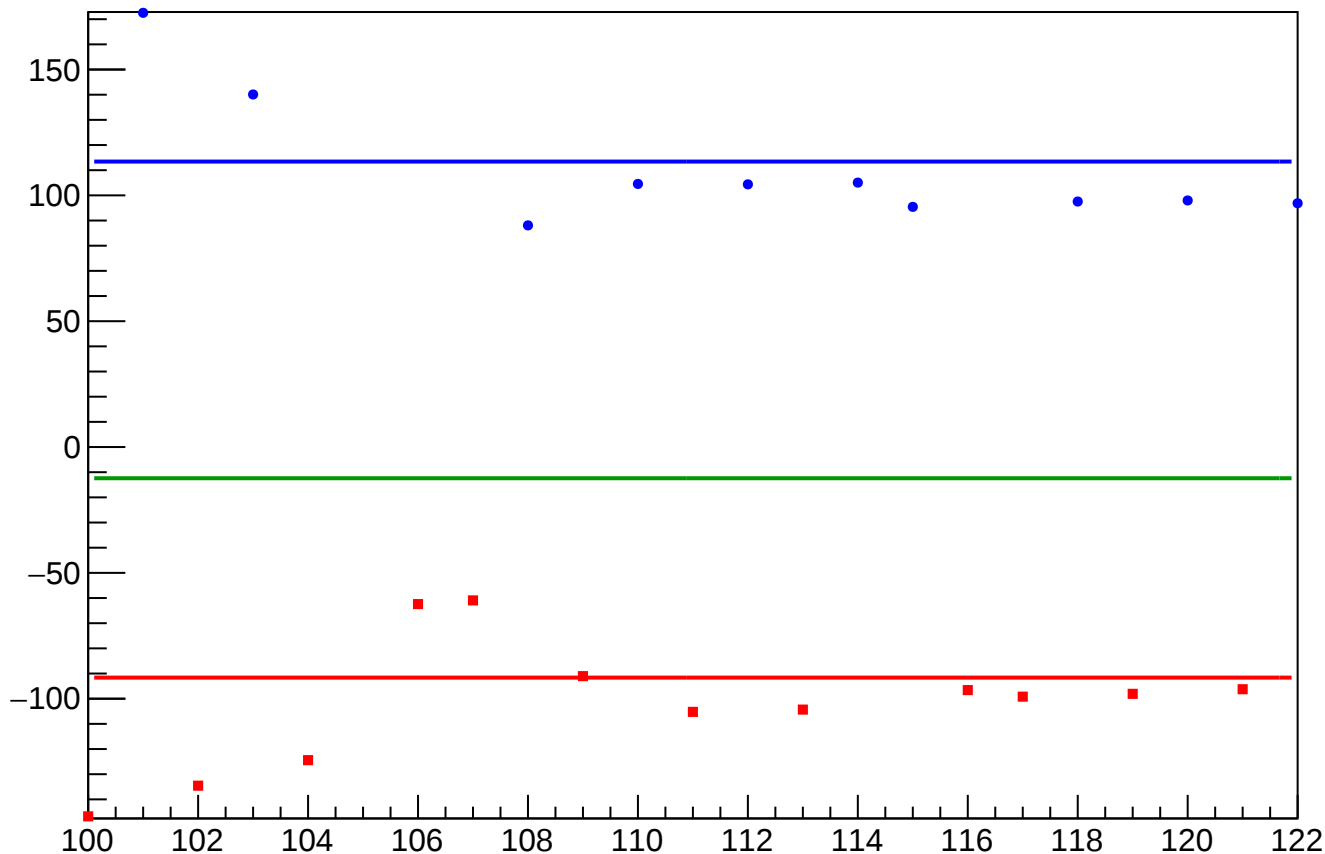
Left In: 0.000±0.000 χ^2/NDF : 0.0/0

-74.450±1.754 χ^2/NDF : 179.6/9

2.614±1.174 χ^2/NDF : 3926.7/21

65.089±1.580 χ^2/NDF : 252.8/11

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 113.430 $\pm$ 0.102 χ^2/NDF : 69369.5/9

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

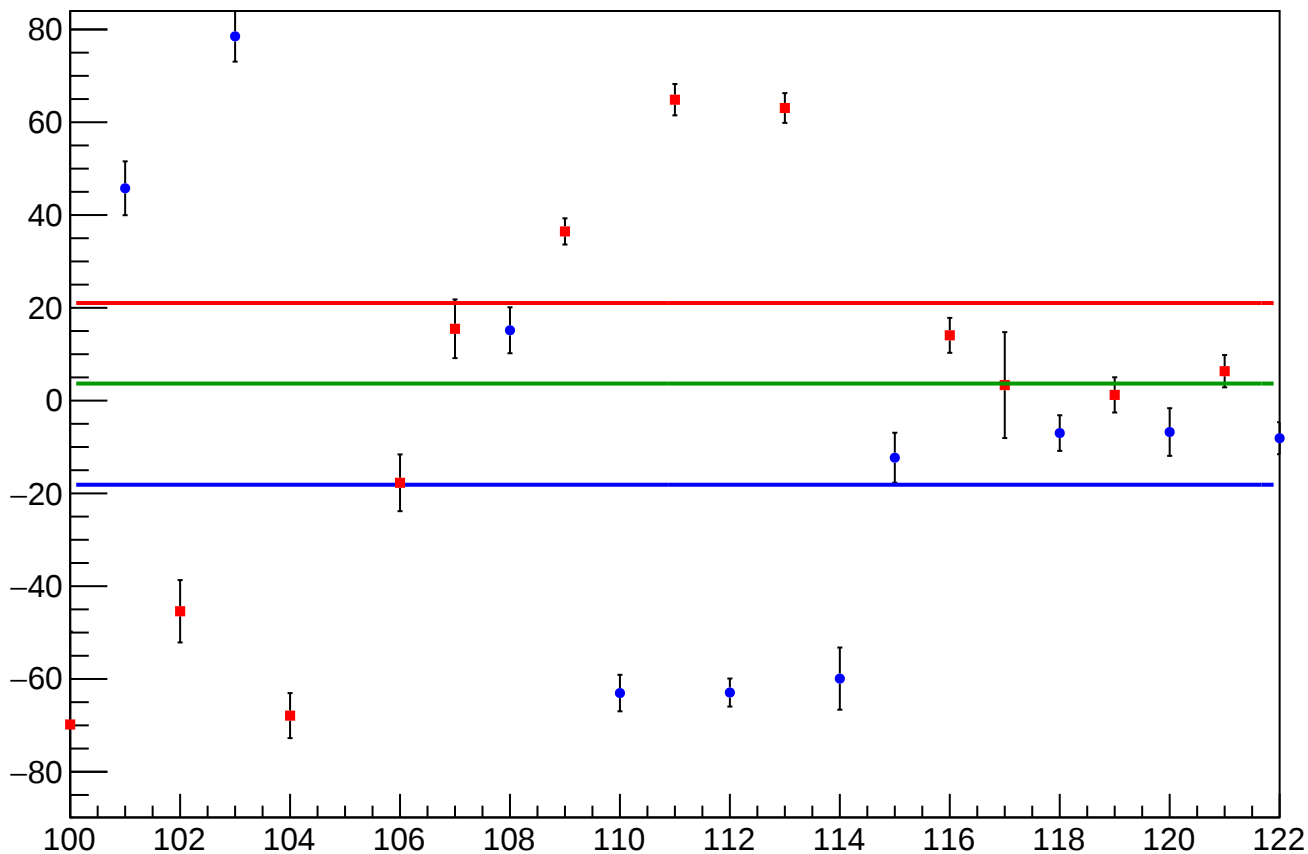
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

113.430 $\pm$ 0.102 χ^2/NDF : 69369.5/9

-12.401 $\pm$ 0.064 χ^2/NDF : 2646385.2/21

-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: -18.133+/-1.380 χ^2/NDF : 891.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.035+/-1.231 χ^2/NDF : 916.0/11

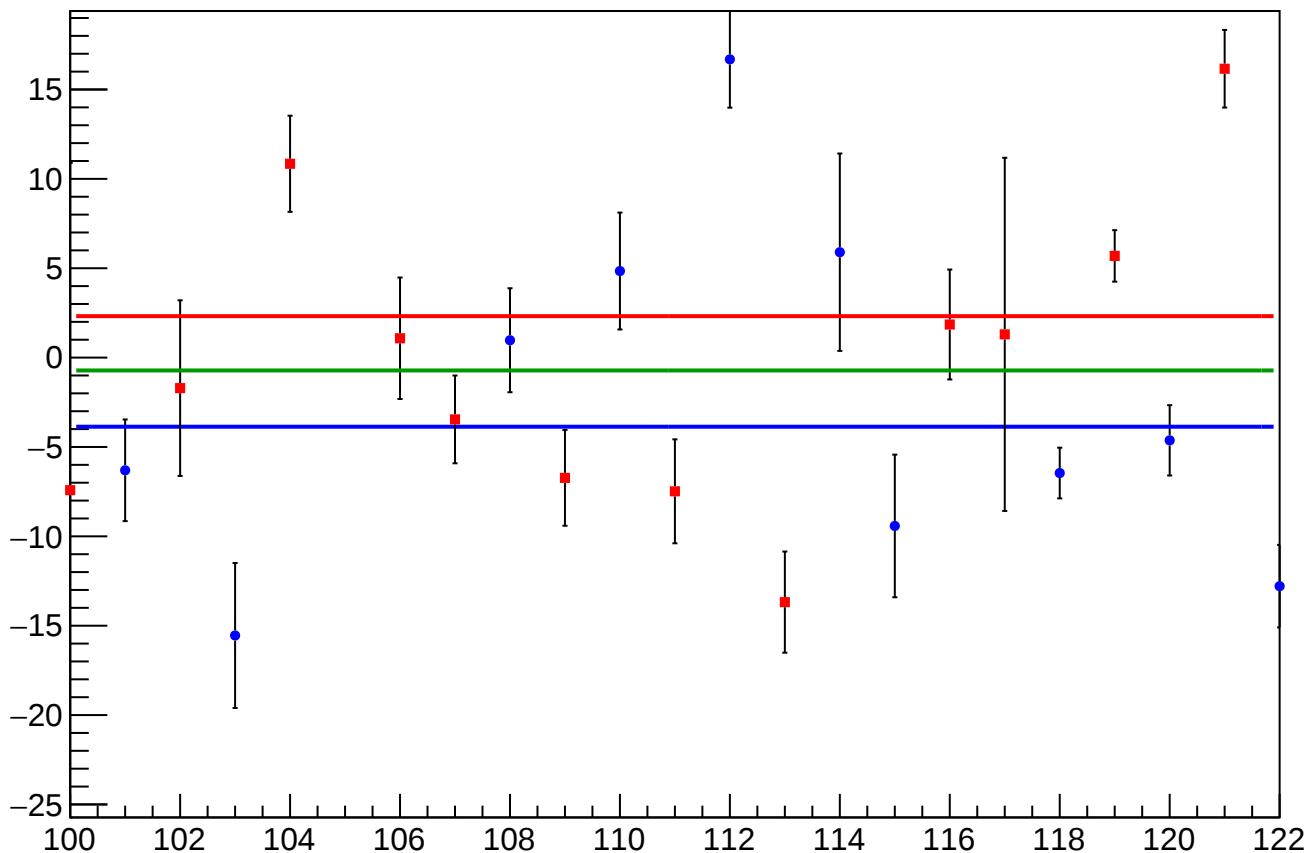
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-18.133+/-1.380 χ^2/NDF : 891.9/9

3.677+/-0.919 χ^2/NDF : 2256.3/21

21.035+/-1.231 χ^2/NDF : 916.0/11

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.867+/-0.798 χ^2 /NDF: 100.2/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2.319+/-0.784 χ^2 /NDF: 117.6/11

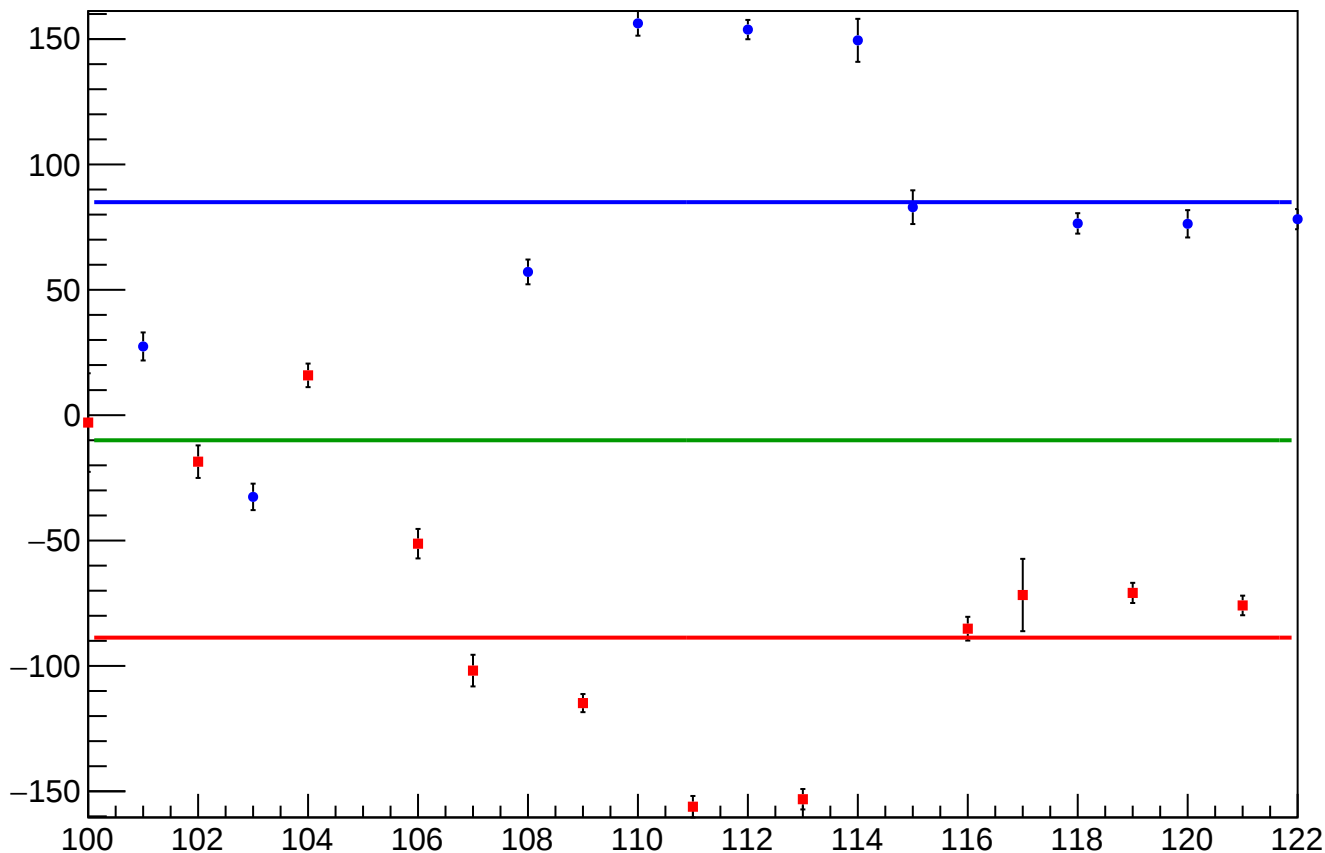
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-3.867+/-0.798 χ^2 /NDF: 100.2/9

-0.720+/-0.559 χ^2 /NDF: 248.3/21

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: 84.960 $\pm$ 1.563 χ^2 /NDF: 1230.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -88.715 $\pm$ 1.423 χ^2 /NDF: 1259.3/11

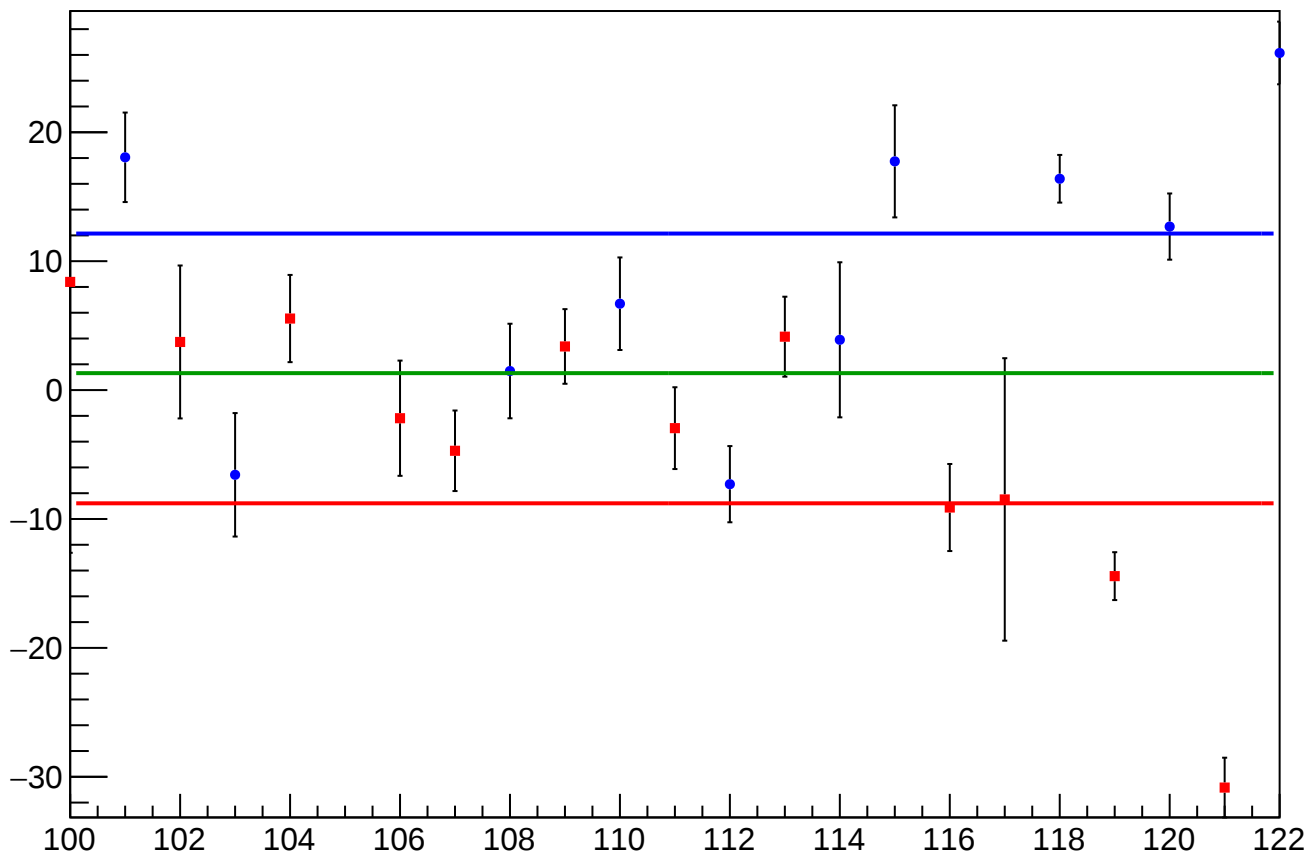
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

84.960 $\pm$ 1.563 χ^2 /NDF: 1230.2/9

-10.005 $\pm$ 1.052 χ^2 /NDF: 9240.1/21

-88.715 $\pm$ 1.423 χ^2 /NDF: 1259.3/11

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.143 ± 0.959 $\chi^2/\text{NDF}: 114.3/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -8.784 ± 0.926 $\chi^2/\text{NDF}: 165.2/11$

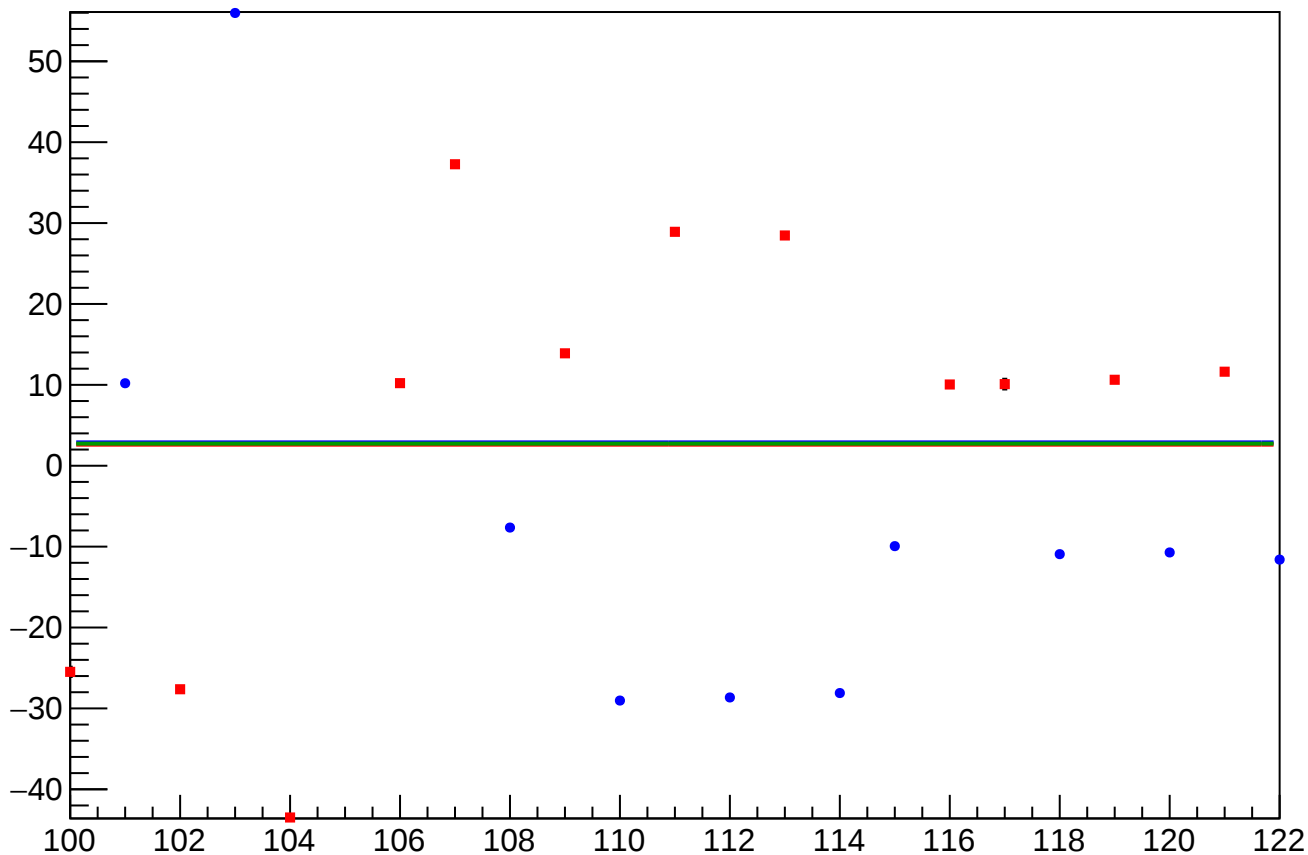
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

12.143 ± 0.959 $\chi^2/\text{NDF}: 114.3/9$

1.314 ± 0.666 $\chi^2/\text{NDF}: 525.7/21$

-8.784 ± 0.926 $\chi^2/\text{NDF}: 165.2/11$

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 2.887+/-0.055 χ^2/NDF : 285420.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.605+/-0.051 χ^2/NDF : 298293.8/11

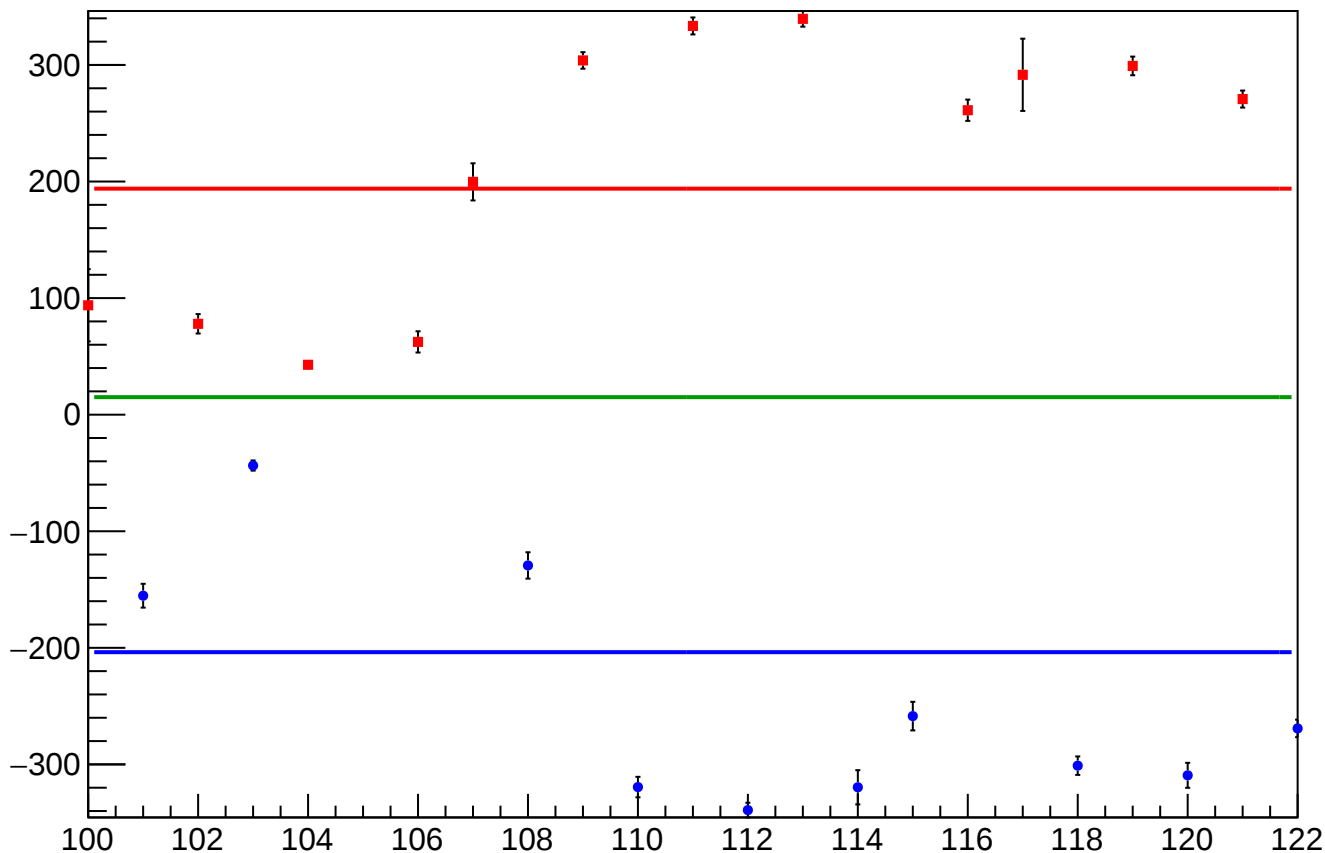
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.887+/-0.055 χ^2/NDF : 285420.2/9

2.735+/-0.037 χ^2/NDF : 583728.2/21

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: -203.730+/-2.490 χ^2/NDF : 2446.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 193.887+/-2.251 χ^2/NDF : 3152.7/11

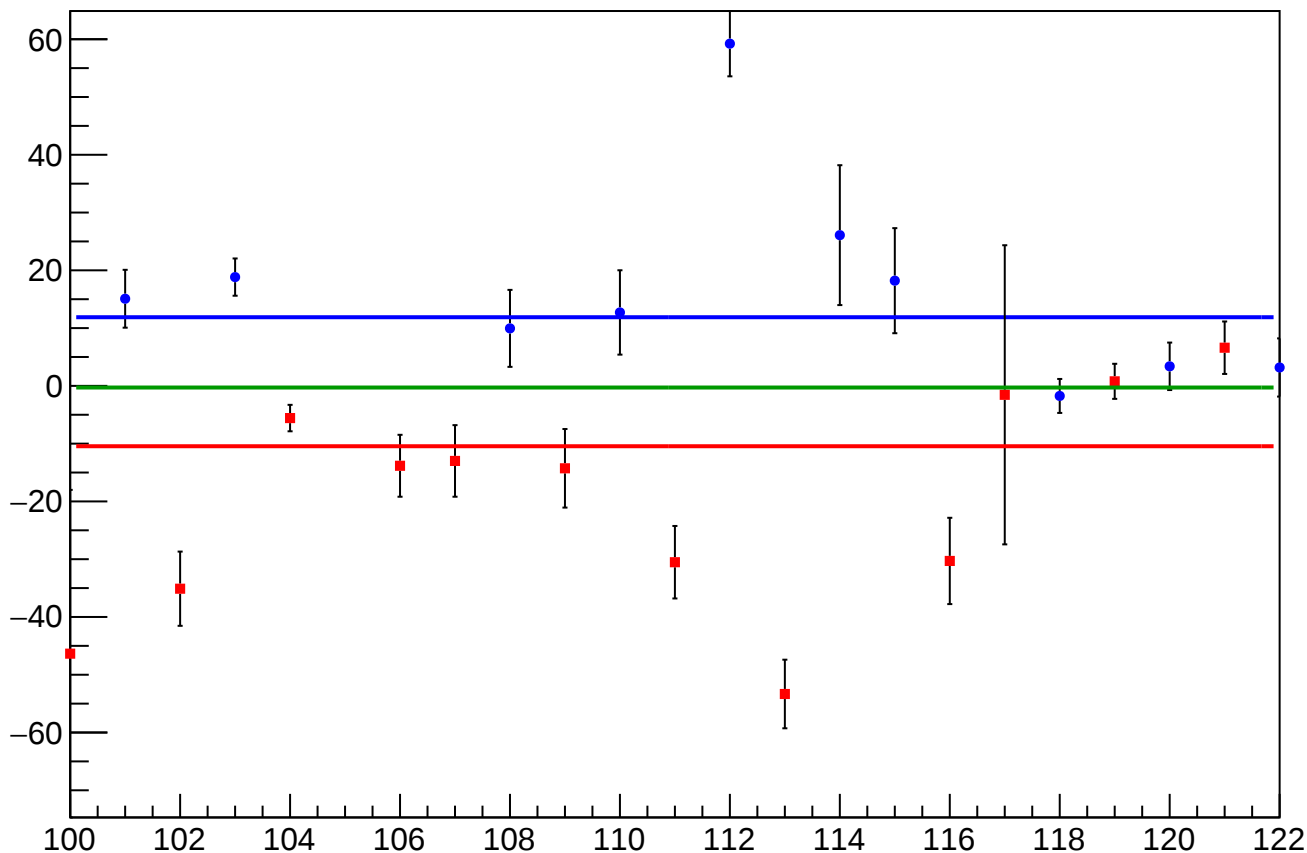
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-203.730+/-2.490 χ^2/NDF : 2446.7/9

15.040+/-1.670 χ^2/NDF : 19632.7/21

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: 11.882 $\pm$ 1.504 χ^2 /NDF: 105.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -10.448 $\pm$ 1.375 χ^2 /NDF: 119.2/11

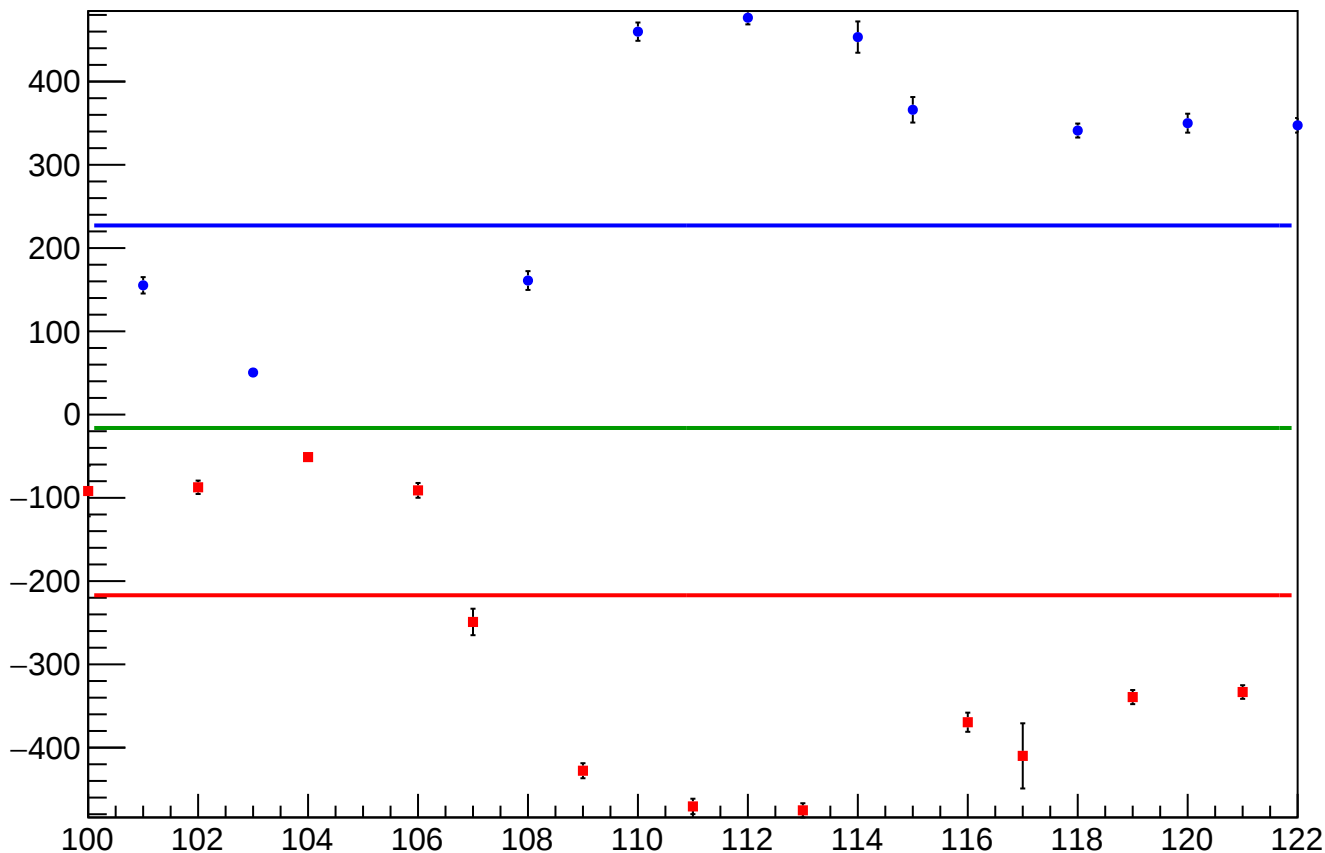
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

11.882 $\pm$ 1.504 χ^2 /NDF: 105.9/9

-0.286 $\pm$ 1.015 χ^2 /NDF: 345.2/21

-10.448 $\pm$ 1.375 χ^2 /NDF: 119.2/11

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 227.148+/-2.674 χ^2/NDF : 3960.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -217.012+/-2.431 χ^2/NDF : 4994.1/11

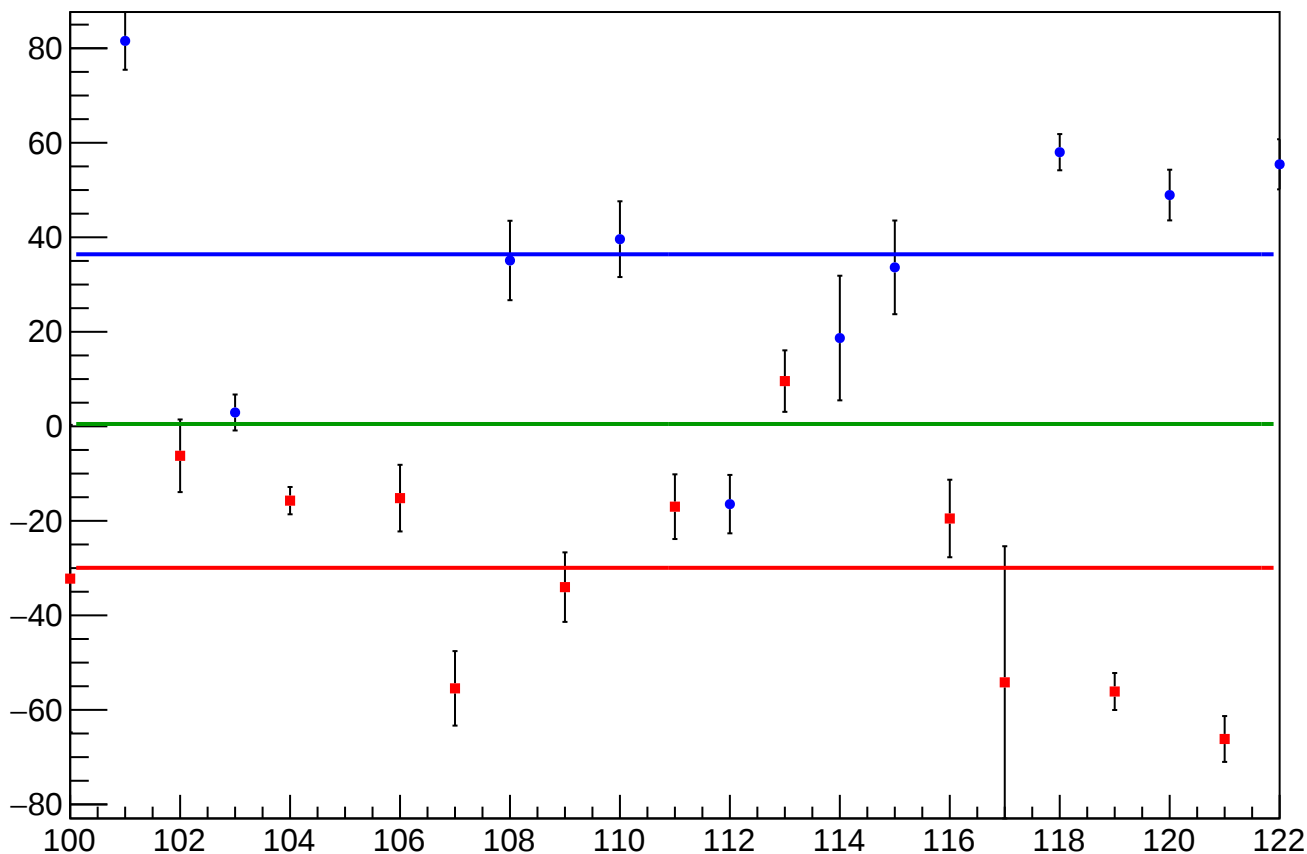
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

227.148+/-2.674 χ^2/NDF : 3960.0/9

-16.095+/-1.799 χ^2/NDF : 24060.4/21

-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: 36.404+/-1.807 χ^2 /NDF: 257.4/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -29.940+/-1.664 χ^2 /NDF: 192.1/11

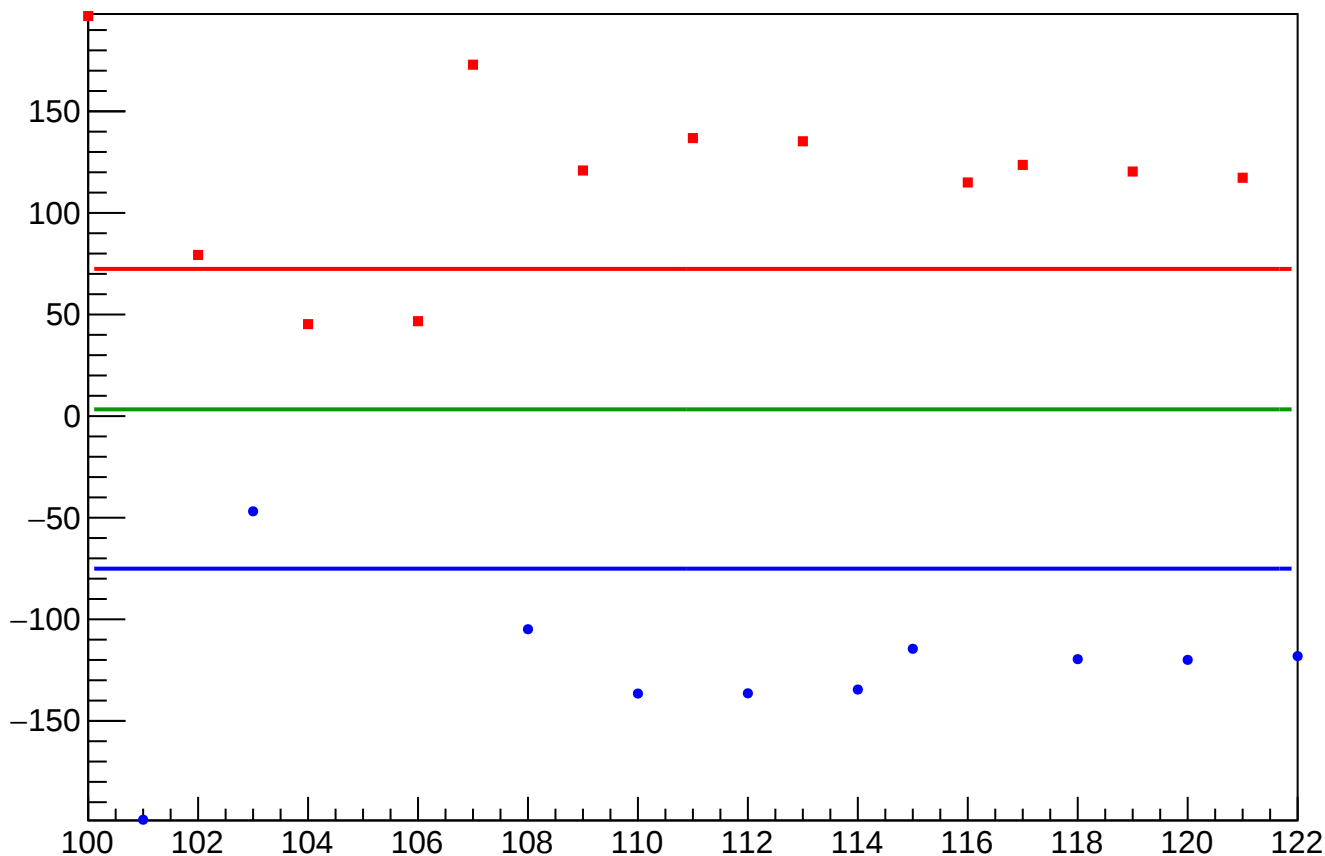
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

36.404+/-1.807 χ^2 /NDF: 257.4/9

0.496+/-1.224 χ^2 /NDF: 1178.8/21

-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: -75.065+/-0.077 χ^2/NDF : 310274.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.446+/-0.072 χ^2/NDF : 281918.9/11

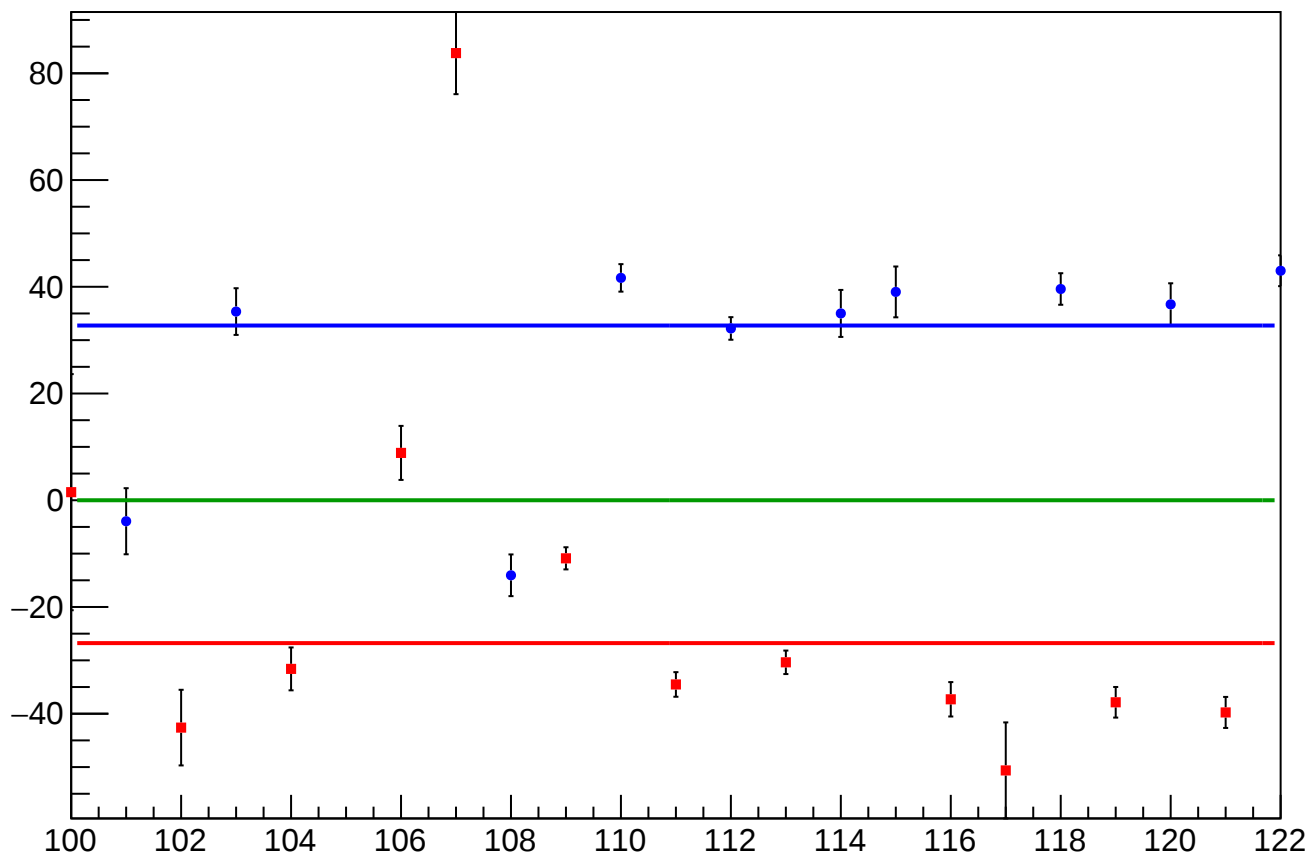
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-75.065+/-0.077 χ^2/NDF : 310274.3/9

3.334+/-0.053 χ^2/NDF : 2536325.7/21

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: 32.739+/-1.047 χ^2/NDF : 212.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.770+/-0.947 χ^2/NDF : 389.3/11

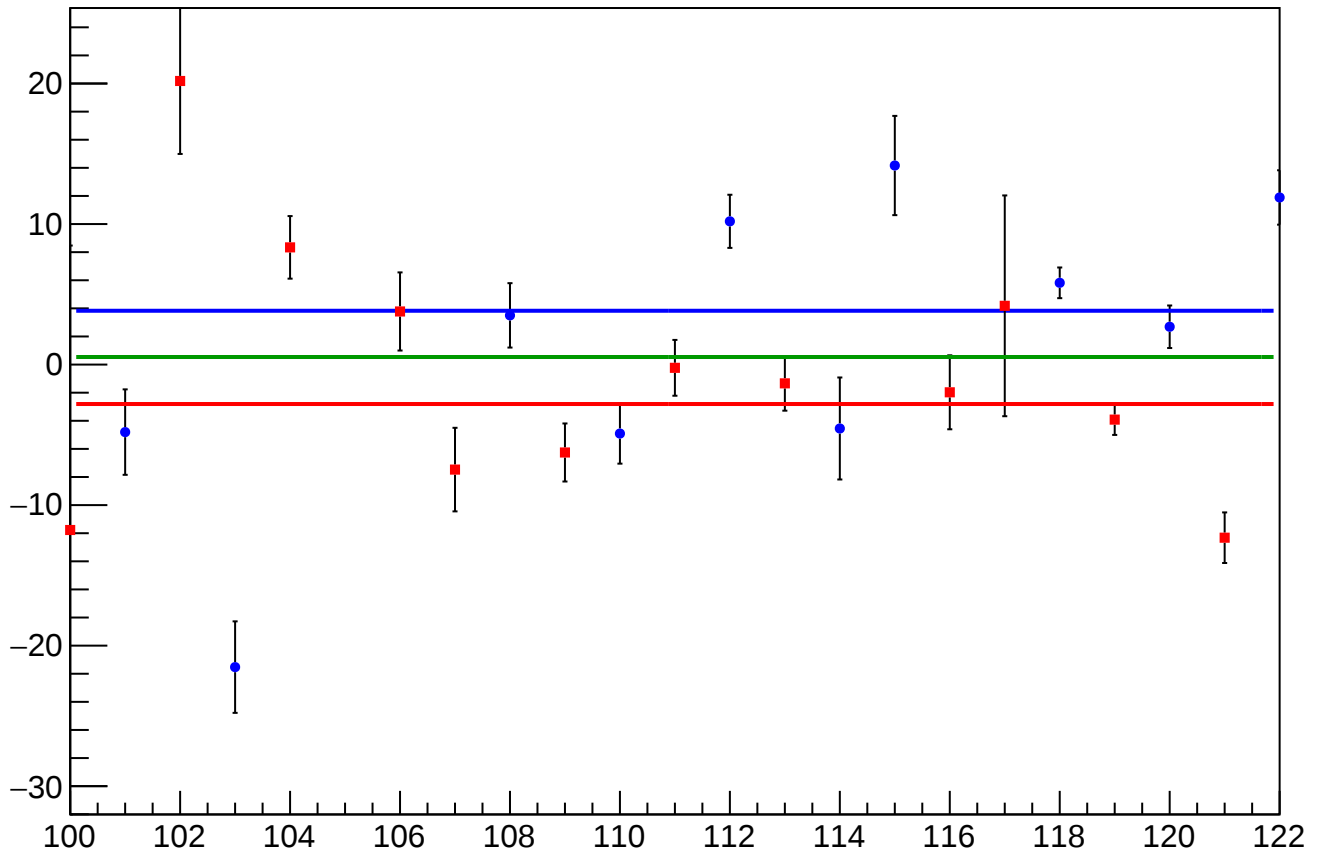
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.739+/-1.047 χ^2/NDF : 212.0/9

-0.002+/-0.702 χ^2/NDF : 2378.2/21

-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: 3.830 +/- 0.621 χ^2/NDF : 131.9/9

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -2.806 +/- 0.626 χ^2/NDF : 87.8/11

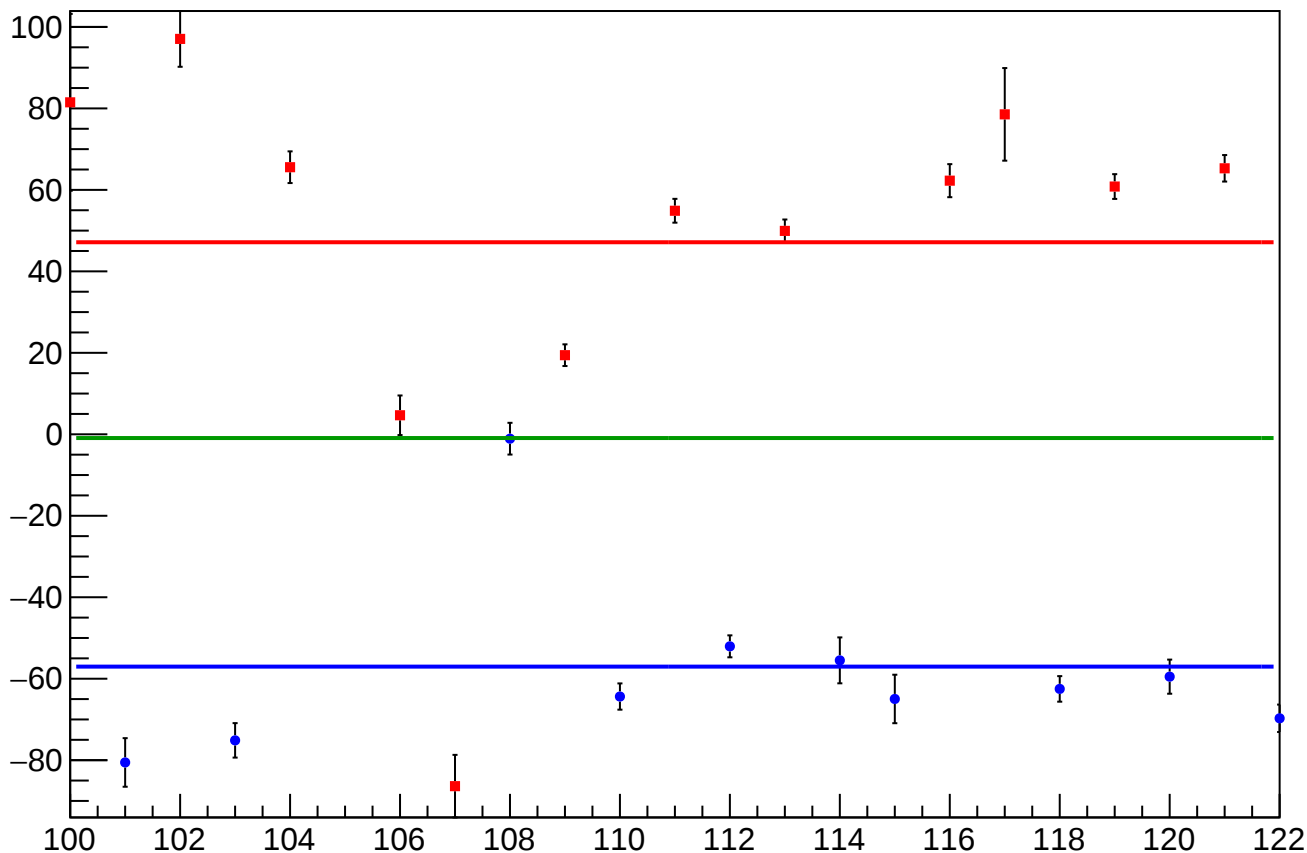
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

3.830 +/- 0.621 χ^2/NDF : 131.9/9

0.539 +/- 0.441 χ^2/NDF : 276.3/21

-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: -57.030 $\pm$ 1.204 χ^2 /NDF: 268.2/9

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

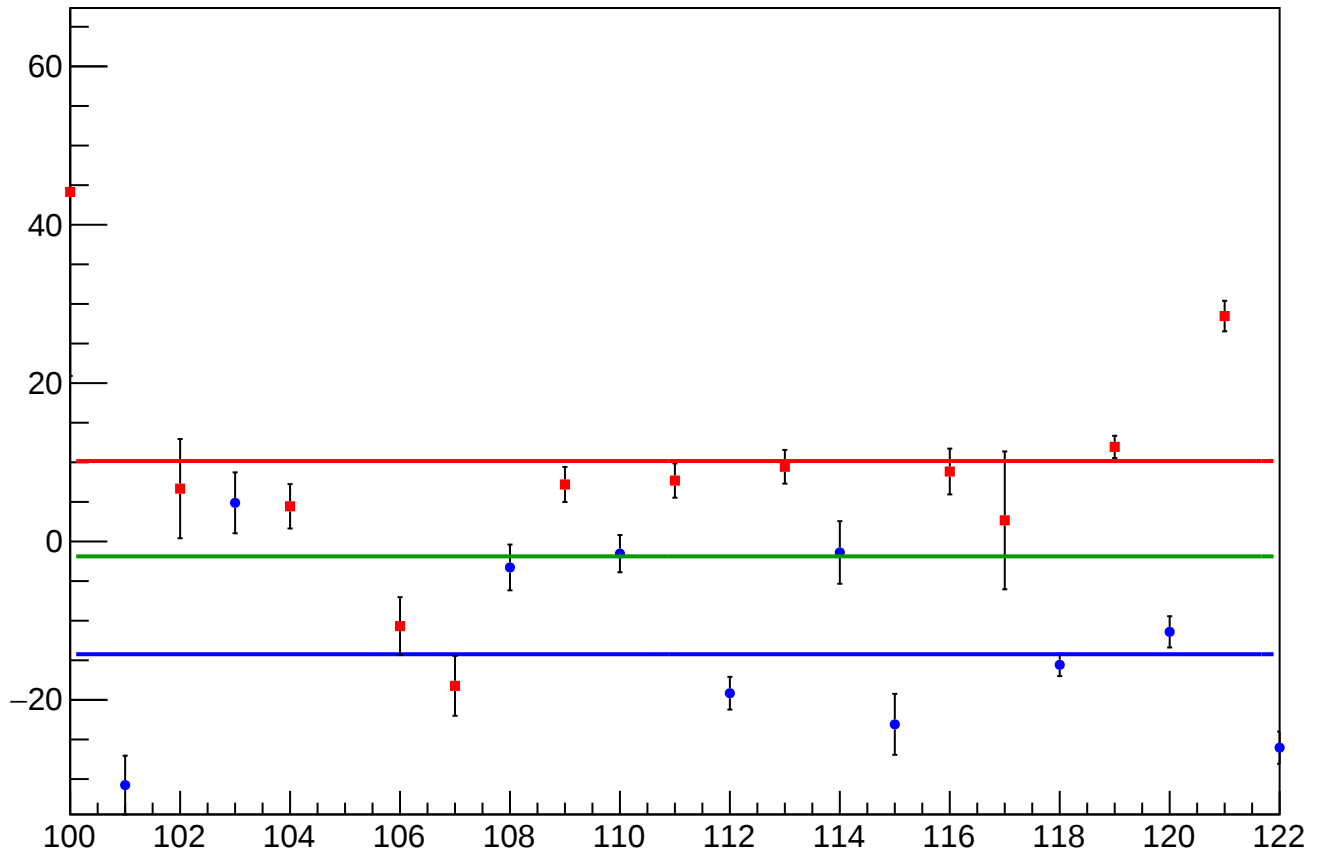
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-57.030 $\pm$ 1.204 χ^2 /NDF: 268.2/9

-0.918 $\pm$ 0.817 χ^2 /NDF: 4949.7/21

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: -14.236 ± 0.746 $\chi^2/\text{NDF}: 146.2/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 10.162 ± 0.736 $\chi^2/\text{NDF}: 191.6/11$

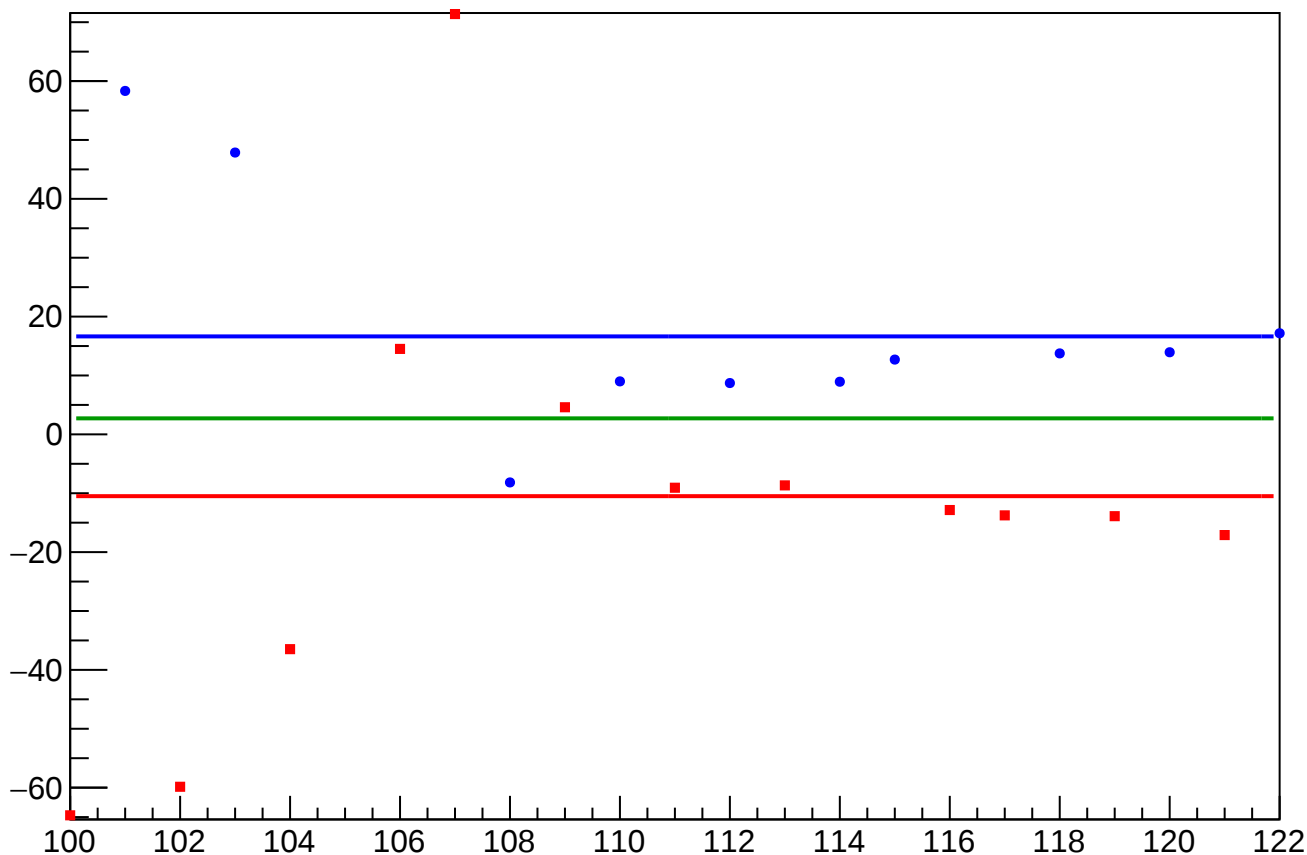
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-14.236 ± 0.746 $\chi^2/\text{NDF}: 146.2/9$

-1.876 ± 0.524 $\chi^2/\text{NDF}: 880.2/21$

10.162 ± 0.736 $\chi^2/\text{NDF}: 191.6/11$

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 16.637+/-0.043 χ^2/NDF : 232374.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.497+/-0.042 χ^2/NDF : 440457.0/11

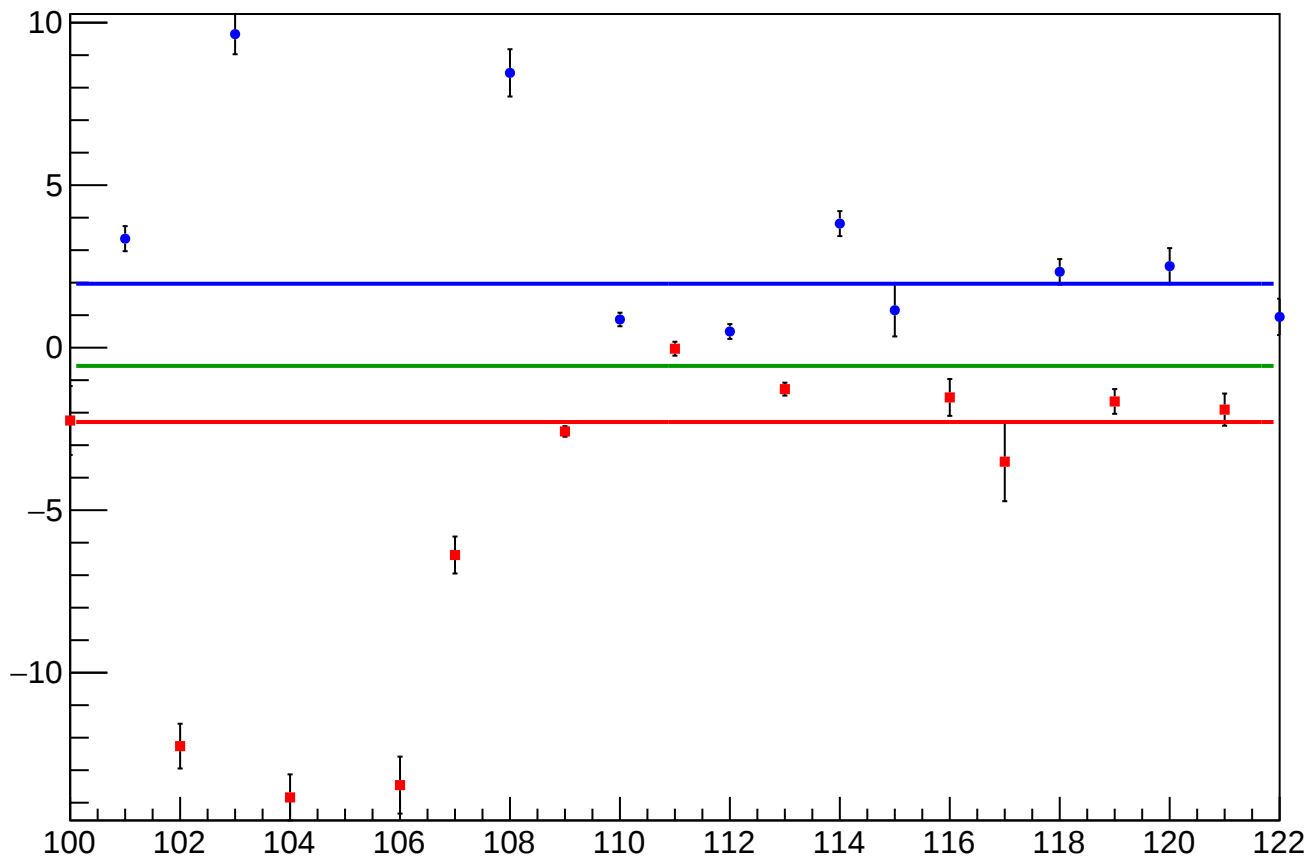
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

16.637+/-0.043 χ^2/NDF : 232374.0/9

2.717+/-0.030 χ^2/NDF : 874856.8/21

-10.497+/-0.042 χ^2/NDF : 440457.0/11

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.967 $\pm$ 0.116 χ^2 /NDF: 345.3/9

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

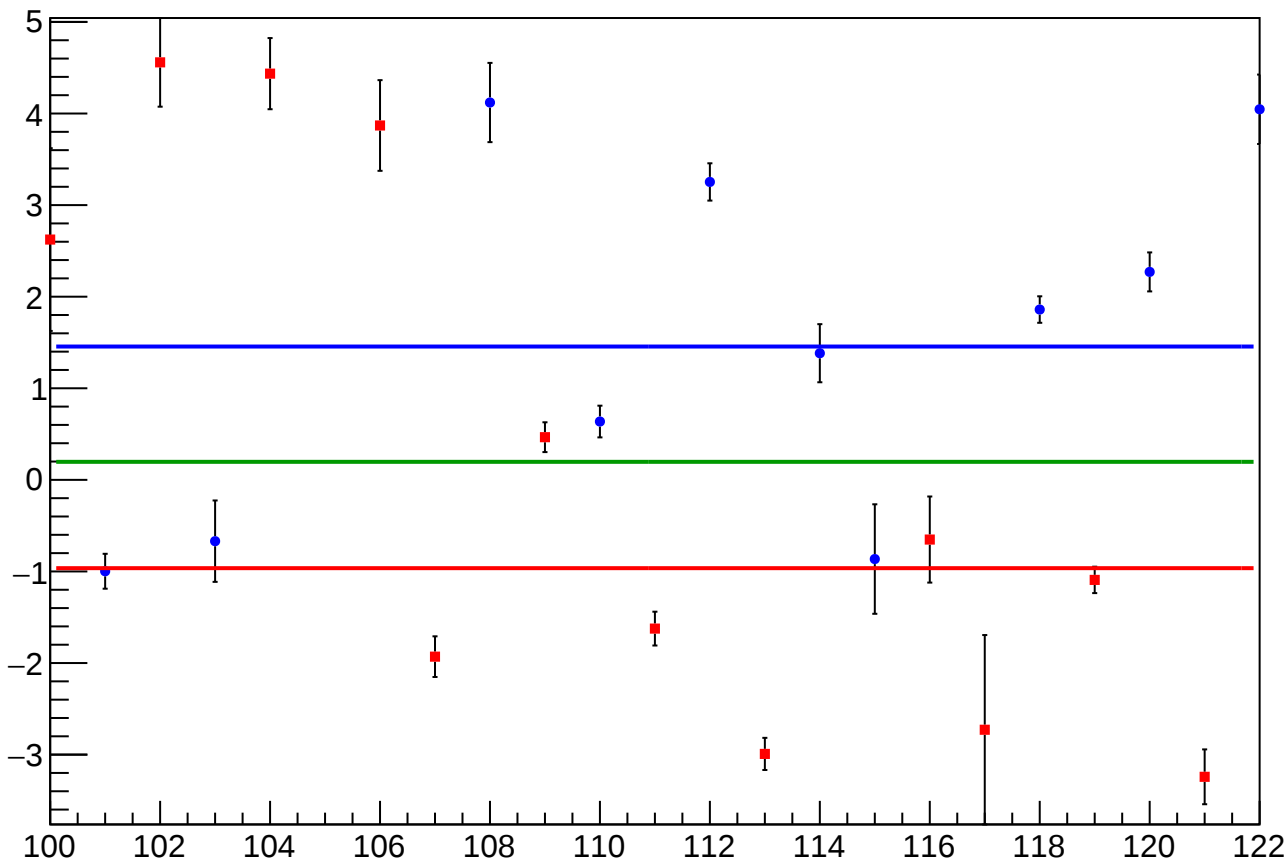
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.967 $\pm$ 0.116 χ^2 /NDF: 345.3/9

-0.561 $\pm$ 0.074 χ^2 /NDF: 1985.8/21

-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: 1.456+/-0.074 χ^2/NDF : 411.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.964+/-0.071 χ^2/NDF : 736.2/11

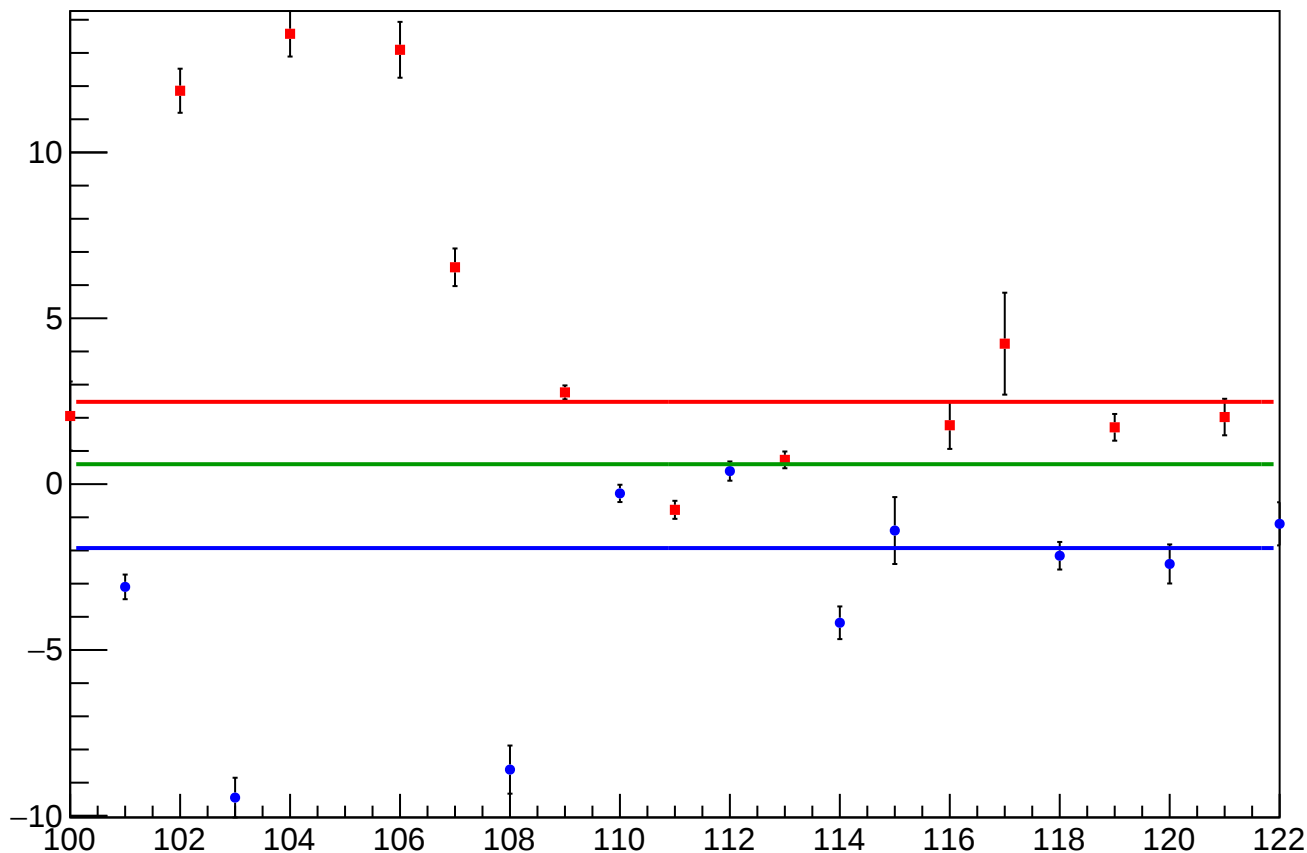
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.456+/-0.074 χ^2/NDF : 411.2/9

0.197+/-0.051 χ^2/NDF : 1711.1/21

-0.964+/-0.071 χ^2/NDF : 736.2/11

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.927 $\pm$ 0.135 χ^2 /NDF: 380.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.481 $\pm$ 0.117 χ^2 /NDF: 870.7/11

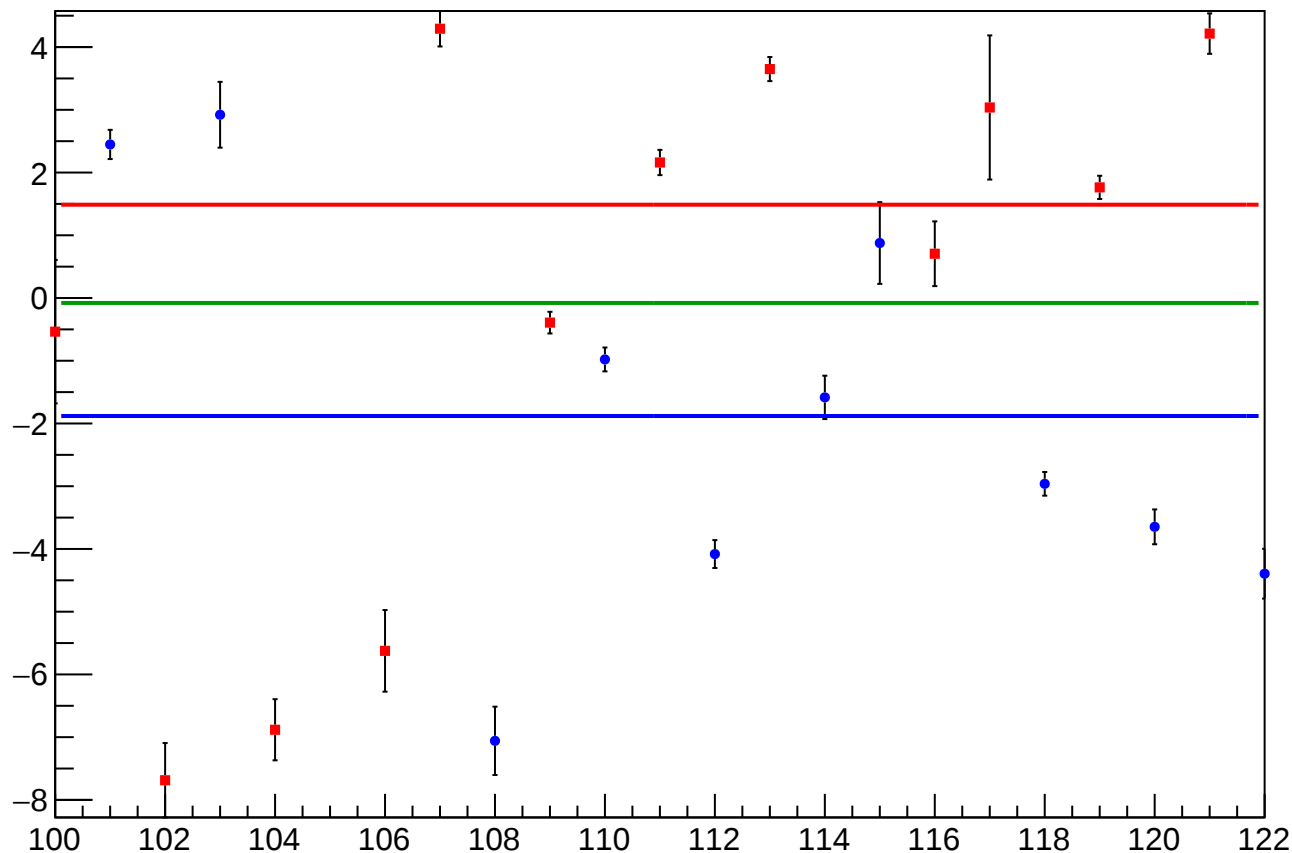
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-1.927 $\pm$ 0.135 χ^2 /NDF: 380.2/9

0.601 $\pm$ 0.088 χ^2 /NDF: 1860.9/21

2.481 $\pm$ 0.117 χ^2 /NDF: 870.7/11

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.881 $\pm$ 0.087 χ^2 /NDF: 772.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.488 $\pm$ 0.081 χ^2 /NDF: 1089.6/11

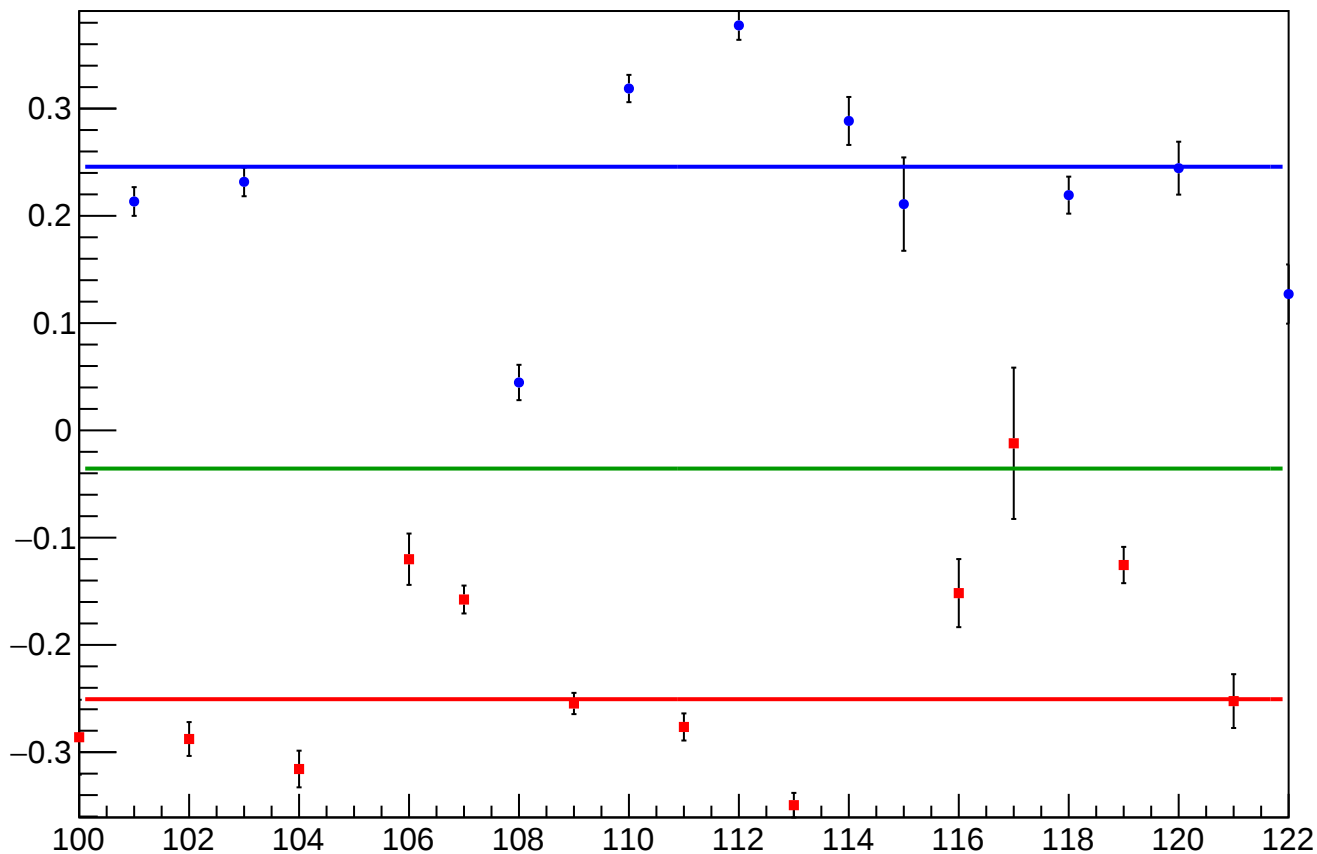
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-1.881 $\pm$ 0.087 χ^2 /NDF: 772.4/9

-0.079 $\pm$ 0.059 χ^2 /NDF: 2660.4/21

1.488 $\pm$ 0.081 χ^2 /NDF: 1089.6/11

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.246 $\pm$ 0.005 χ^2 /NDF: 310.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.251 $\pm$ 0.005 χ^2 /NDF: 256.6/11

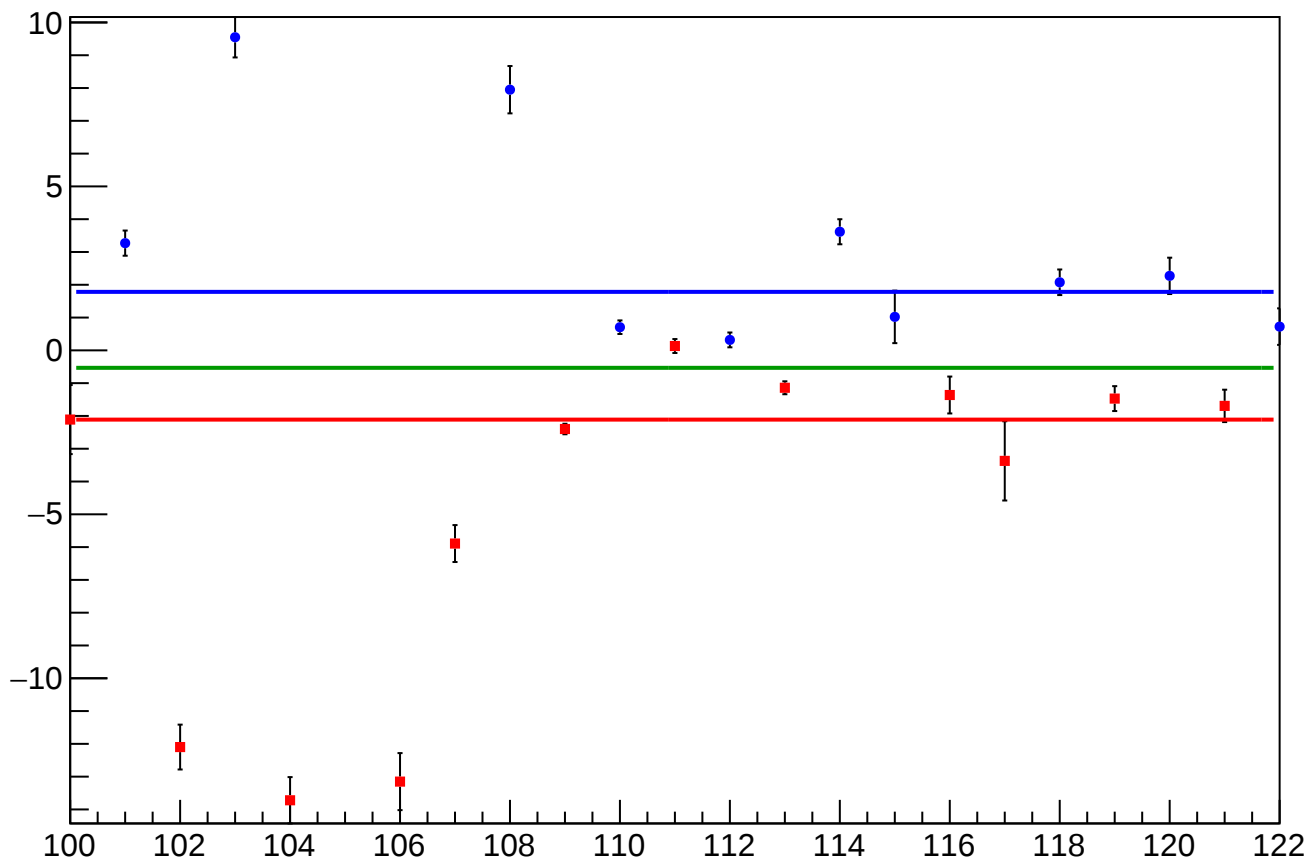
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.246 $\pm$ 0.005 χ^2 /NDF: 310.3/9

-0.036 $\pm$ 0.003 χ^2 /NDF: 5508.9/21

-0.251 $\pm$ 0.005 χ^2 /NDF: 256.6/11

reg_asym_bcm_an_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.784 $\pm$ 0.115 χ^2 /NDF: 344.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.112 $\pm$ 0.095 χ^2 /NDF: 834.3/11

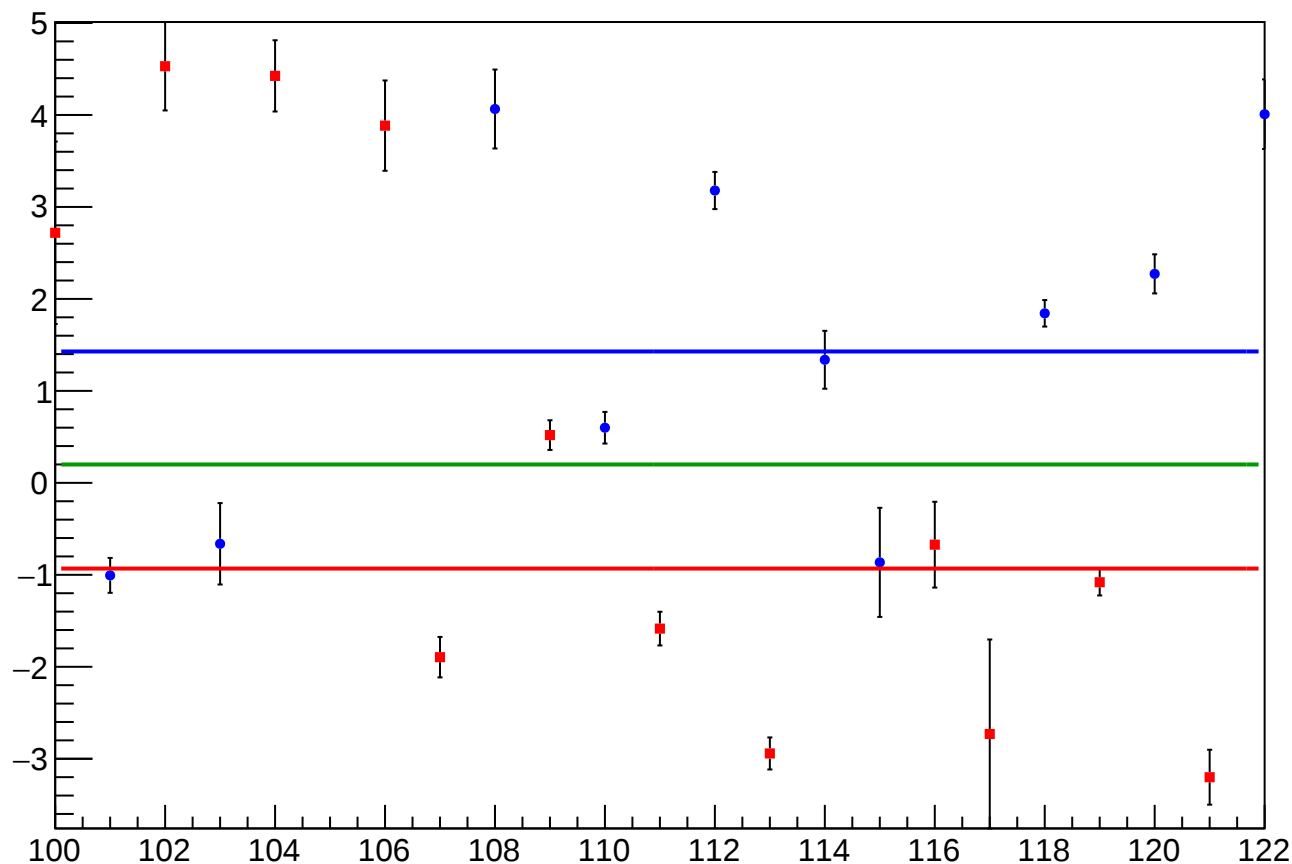
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.784 $\pm$ 0.115 χ^2 /NDF: 344.7/9

-0.533 $\pm$ 0.073 χ^2 /NDF: 1862.3/21

-2.112 $\pm$ 0.095 χ^2 /NDF: 834.3/11

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.429 $\pm$ 0.073 χ^2 /NDF: 408.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.932 $\pm$ 0.070 χ^2 /NDF: 738.1/11

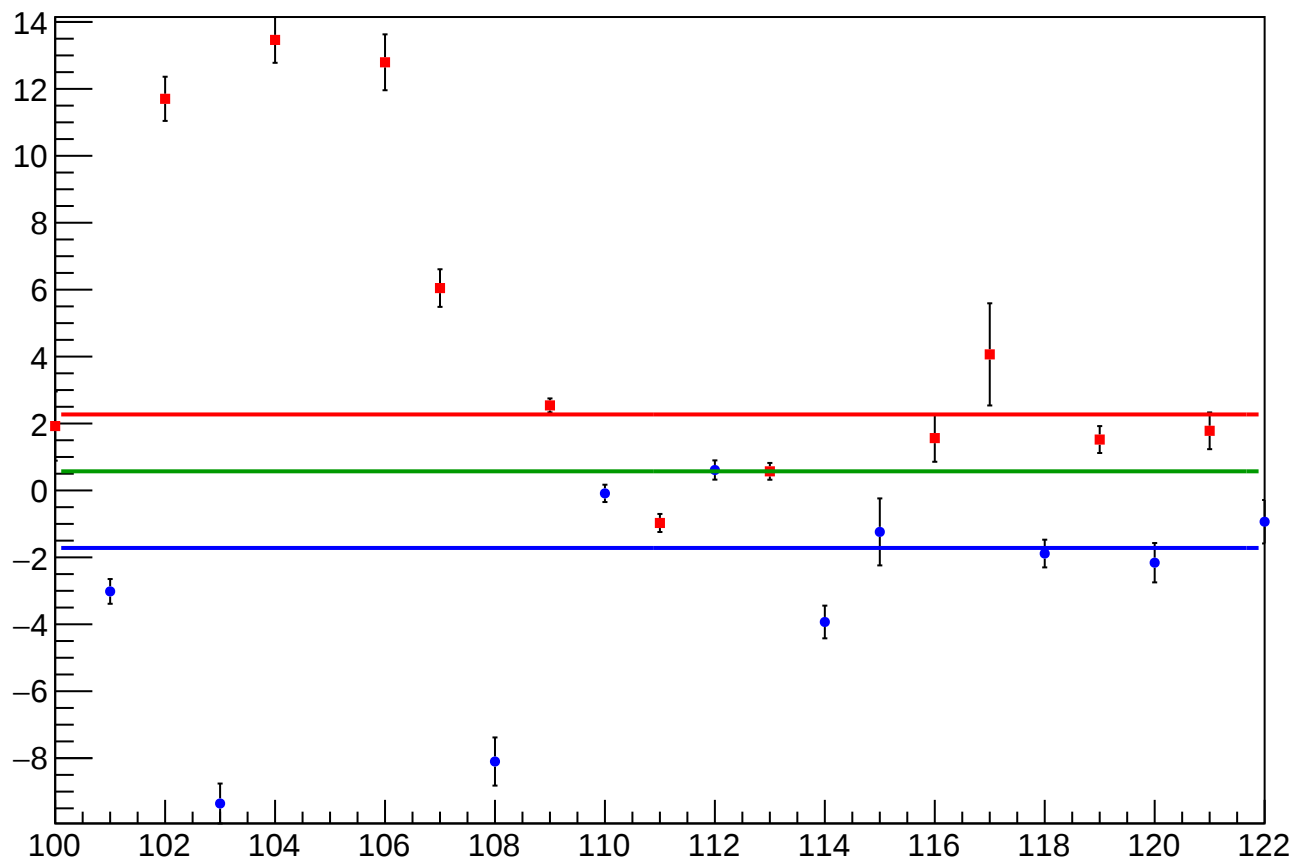
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.429 $\pm$ 0.073 χ^2 /NDF: 408.4/9

0.200 $\pm$ 0.051 χ^2 /NDF: 1688.5/21

-0.932 $\pm$ 0.070 χ^2 /NDF: 738.1/11

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.719+/-0.134 χ^2/NDF : 383.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.271+/-0.116 χ^2/NDF : 874.5/11

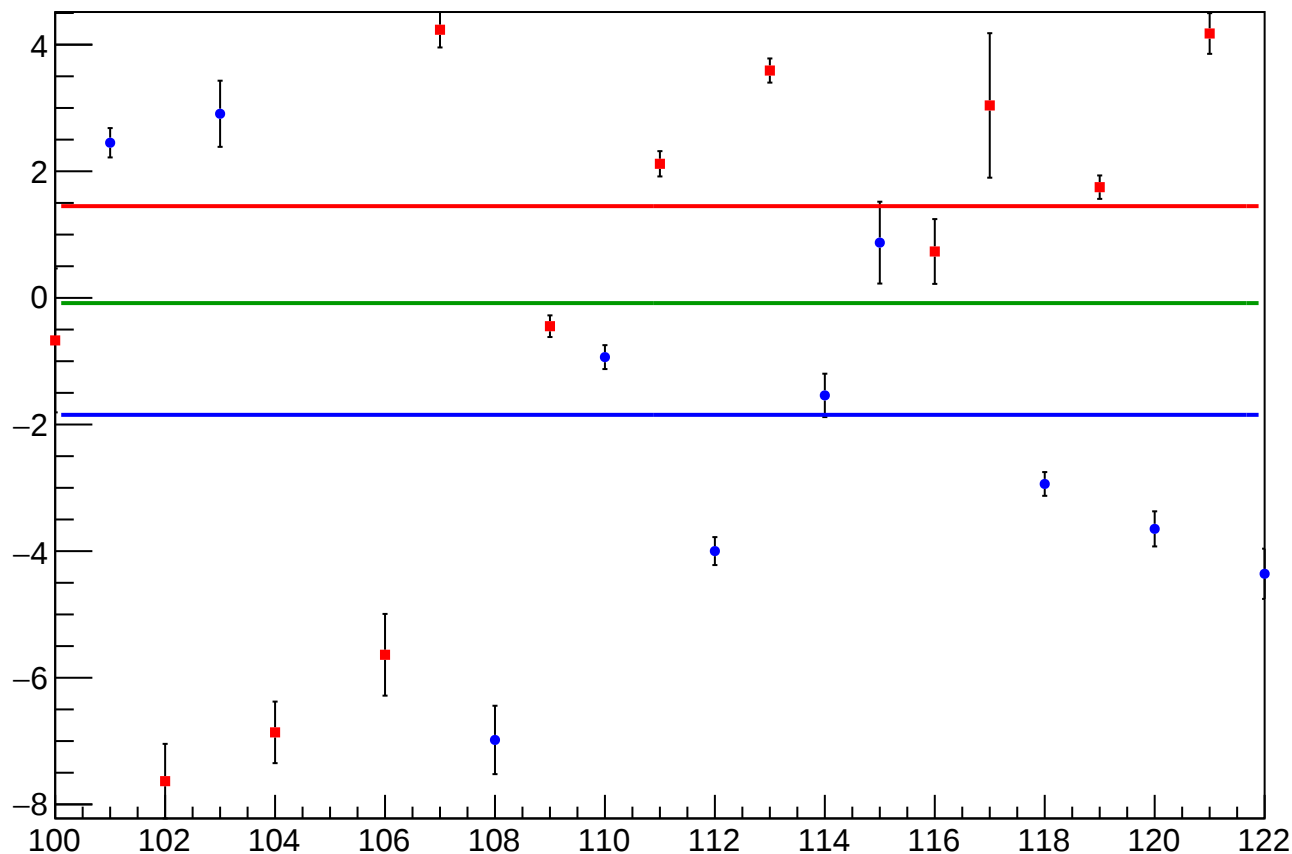
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.719+/-0.134 χ^2/NDF : 383.2/9

0.571+/-0.088 χ^2/NDF : 1763.4/21

2.271+/-0.116 χ^2/NDF : 874.5/11

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.847+/-0.087 χ^2 /NDF: 769.8/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1.449+/-0.081 χ^2 /NDF: 1091.8/11

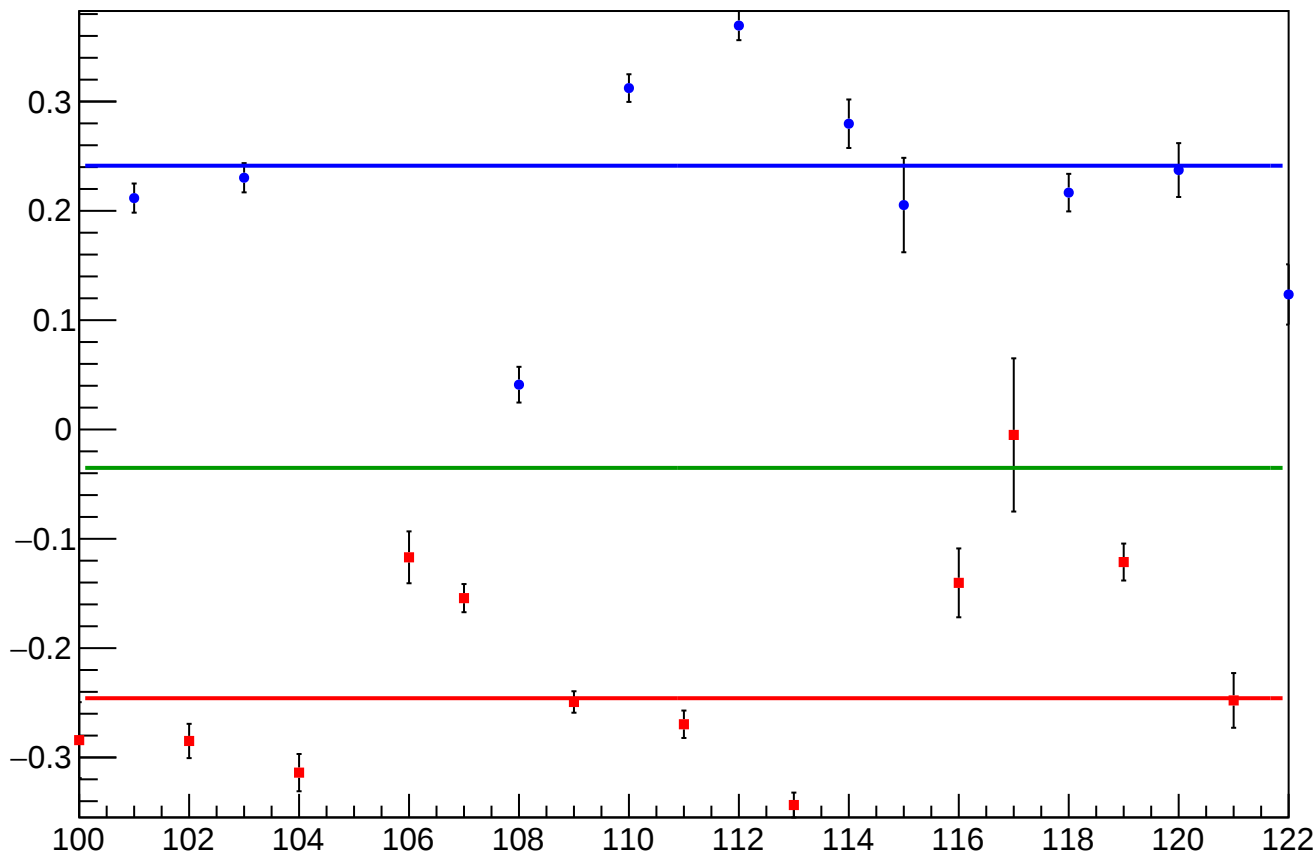
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1.847+/-0.087 χ^2 /NDF: 769.8/9

-0.082+/-0.059 χ^2 /NDF: 2634.7/21

1.449+/-0.081 χ^2 /NDF: 1091.8/11

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.241+/-0.005 χ^2/NDF : 303.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.246+/-0.005 χ^2/NDF : 258.4/11

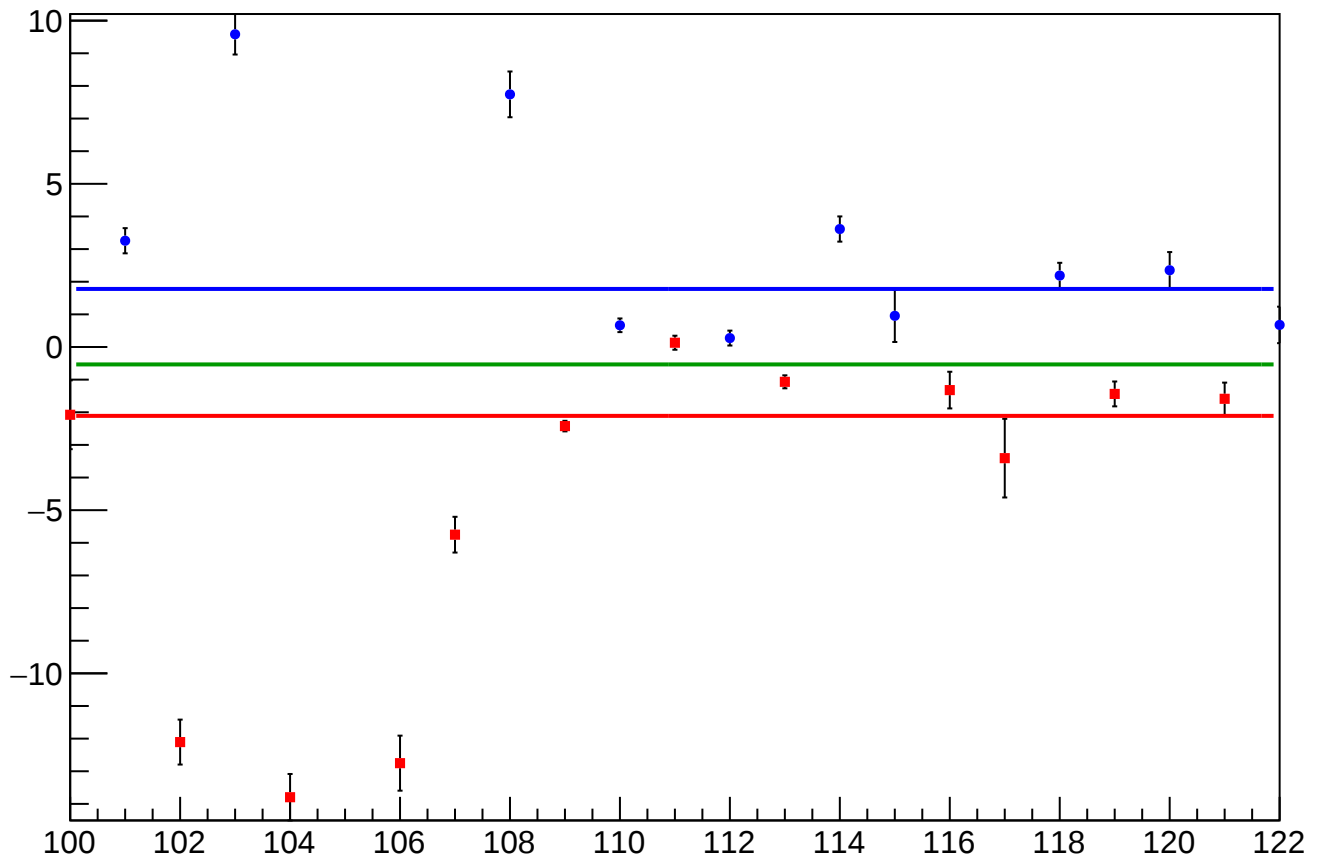
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.241+/-0.005 χ^2/NDF : 303.9/9

-0.035+/-0.003 χ^2/NDF : 5377.9/21

-0.246+/-0.005 χ^2/NDF : 258.4/11

reg_asym_bcm_an_us_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.779+/-0.116 χ^2/NDF : 346.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.110+/-0.096 χ^2/NDF : 830.8/11

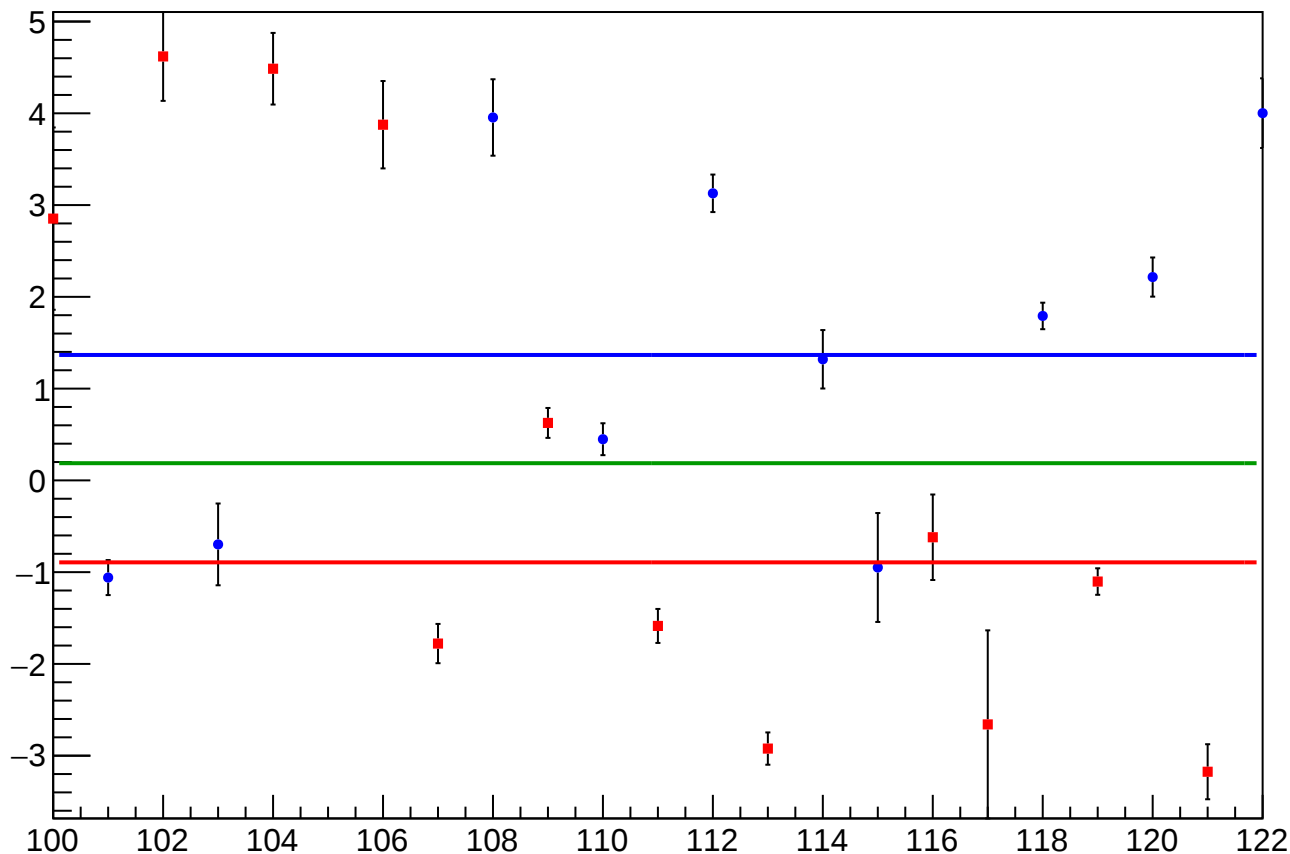
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.779+/-0.116 χ^2/NDF : 346.6/9

-0.534+/-0.074 χ^2/NDF : 1848.5/21

-2.110+/-0.096 χ^2/NDF : 830.8/11

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.367 $\pm$ 0.074 χ^2 /NDF: 411.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.893 $\pm$ 0.070 χ^2 /NDF: 748.4/11

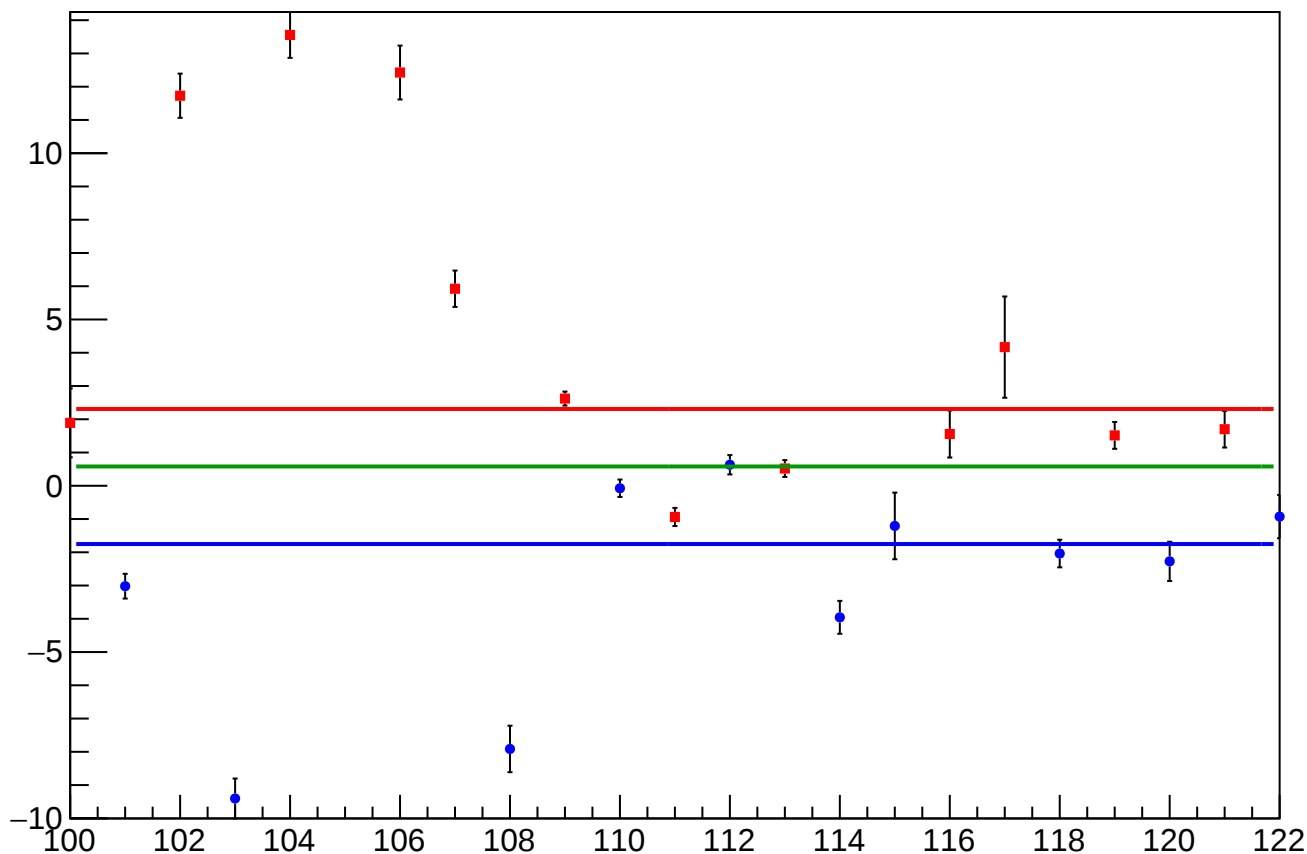
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.367 $\pm$ 0.074 χ^2 /NDF: 411.8/9

0.187 $\pm$ 0.051 χ^2 /NDF: 1652.9/21

-0.893 $\pm$ 0.070 χ^2 /NDF: 748.4/11

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.752 ± 0.135 χ^2/NDF : 383.2/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.310 ± 0.117 χ^2/NDF : 869.0/11

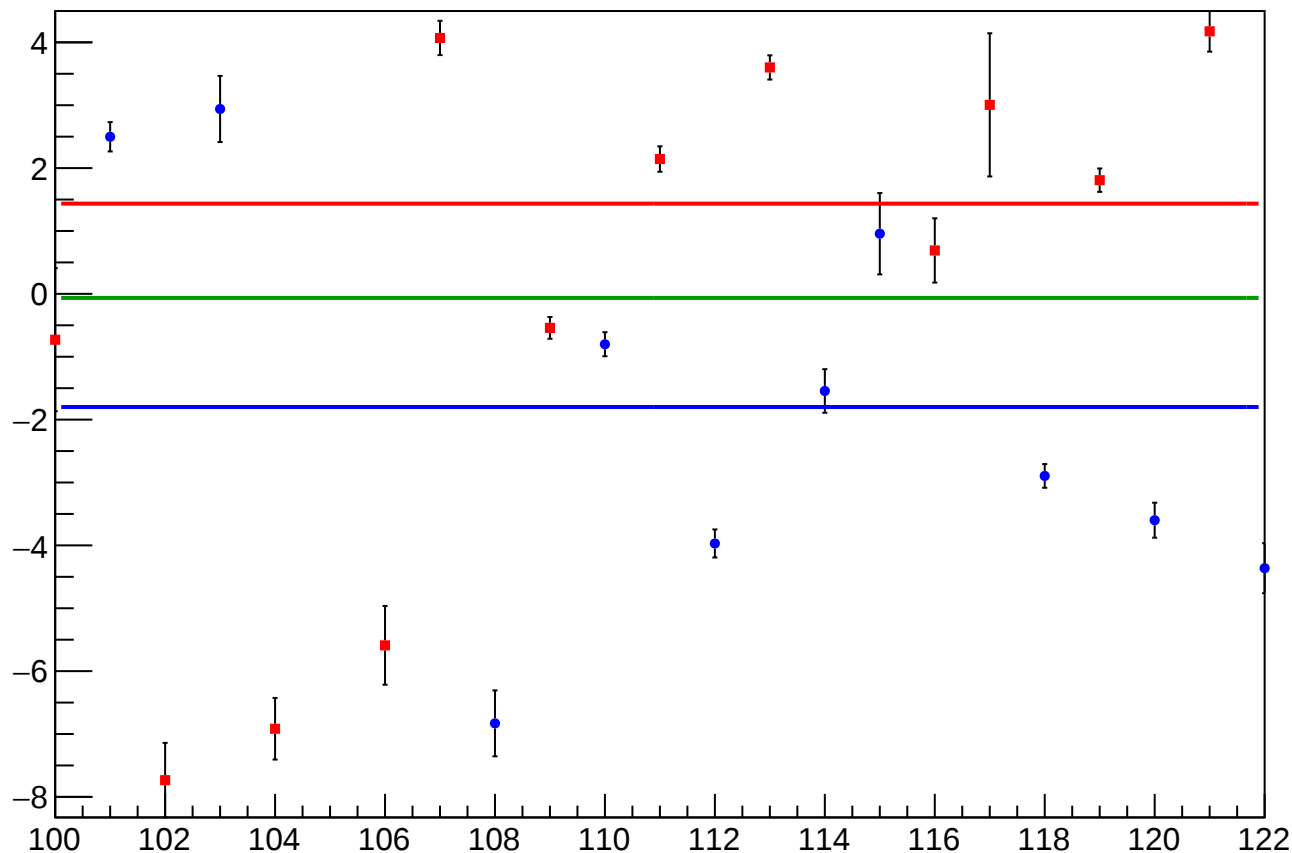
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.752 ± 0.135 χ^2/NDF : 383.2/9

0.580 ± 0.088 χ^2/NDF : 1769.5/21

2.310 ± 0.117 χ^2/NDF : 869.0/11

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.799+/-0.087 χ^2 /NDF: 770.7/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1.435+/-0.081 χ^2 /NDF: 1102.5/11

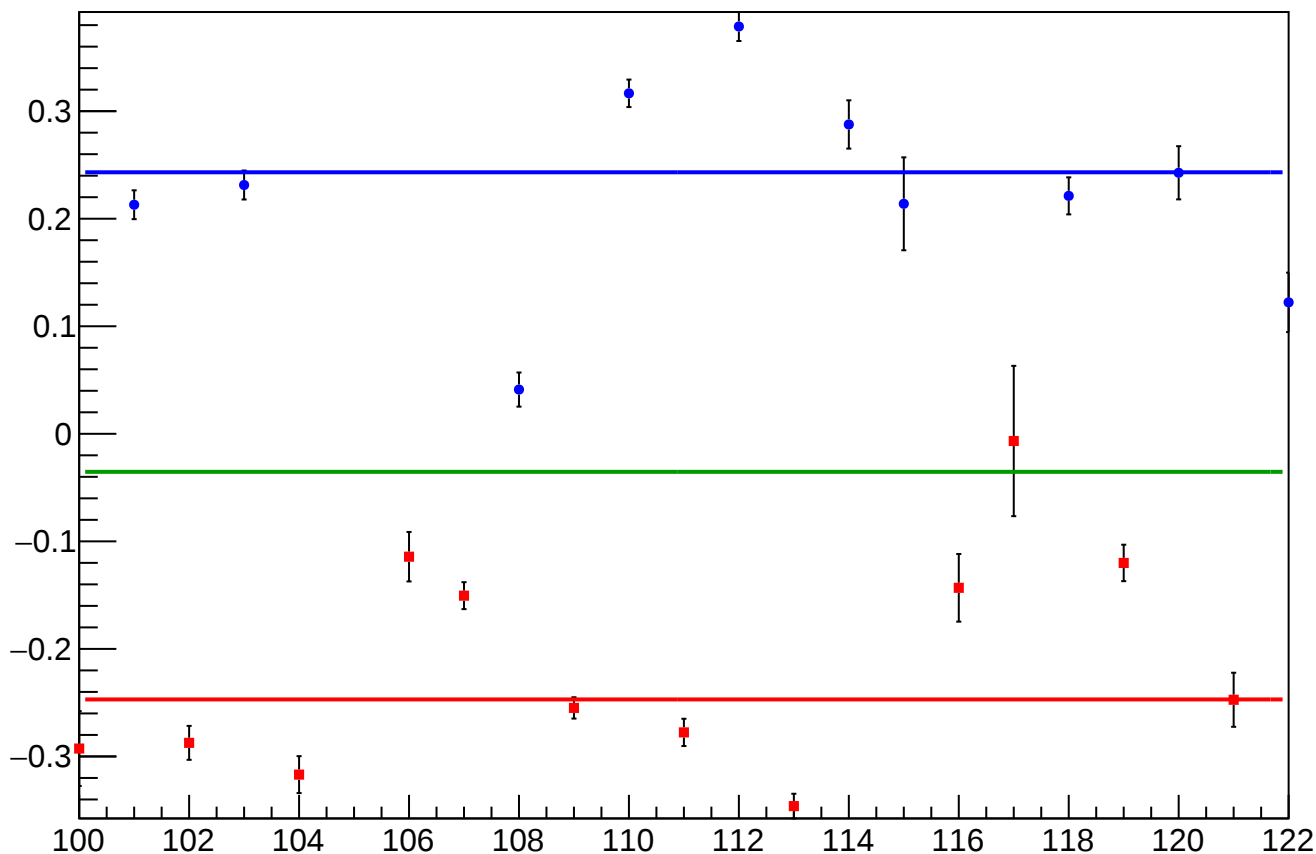
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.799+/-0.087 χ^2 /NDF: 770.7/9

-0.065+/-0.059 χ^2 /NDF: 2610.2/21

1.435+/-0.081 χ^2 /NDF: 1102.5/11

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.243+/-0.005 χ^2/NDF : 327.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.247+/-0.005 χ^2/NDF : 277.3/11

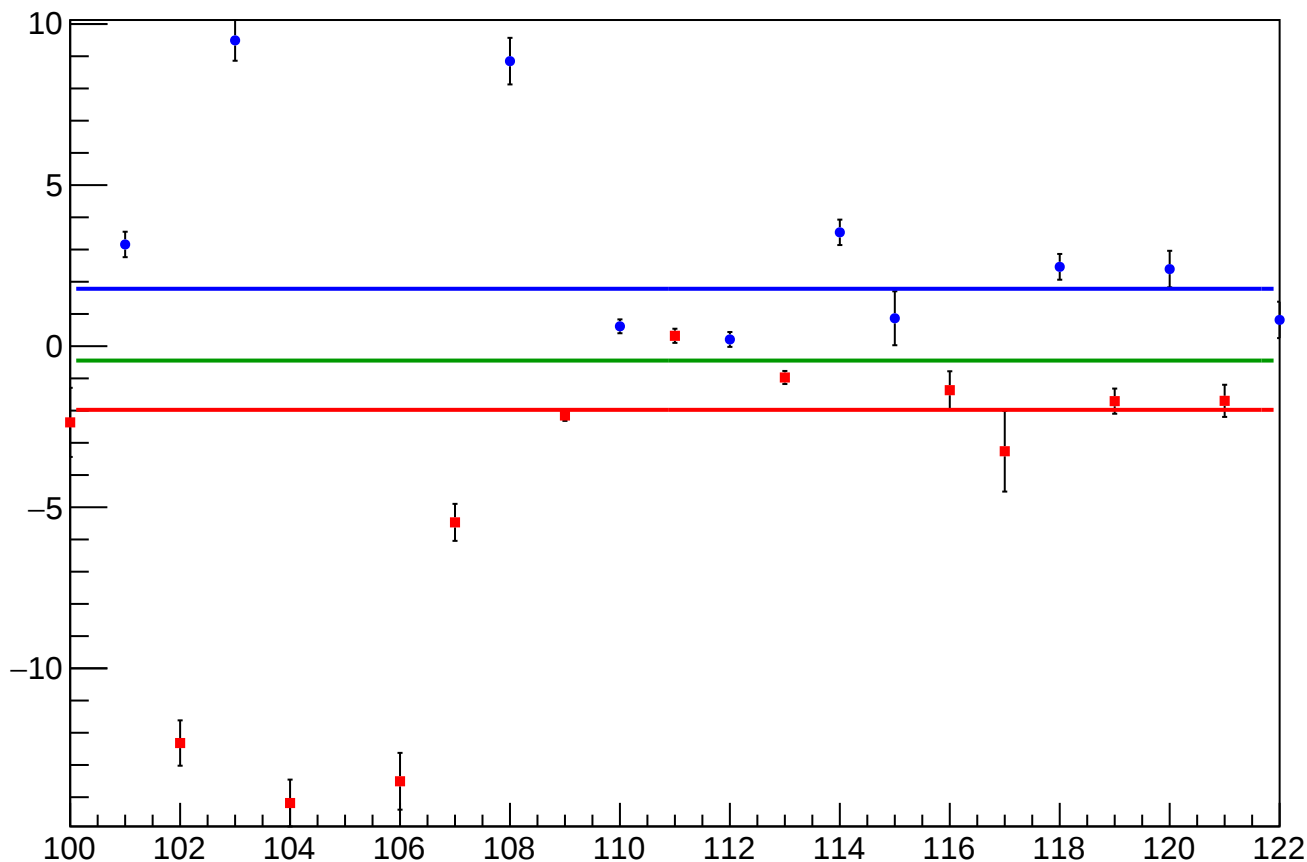
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.243+/-0.005 χ^2/NDF : 327.3/9

-0.035+/-0.003 χ^2/NDF : 5453.9/21

-0.247+/-0.005 χ^2/NDF : 277.3/11

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.782+/-0.118 χ^2/NDF : 360.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.976+/-0.098 χ^2/NDF : 844.2/11

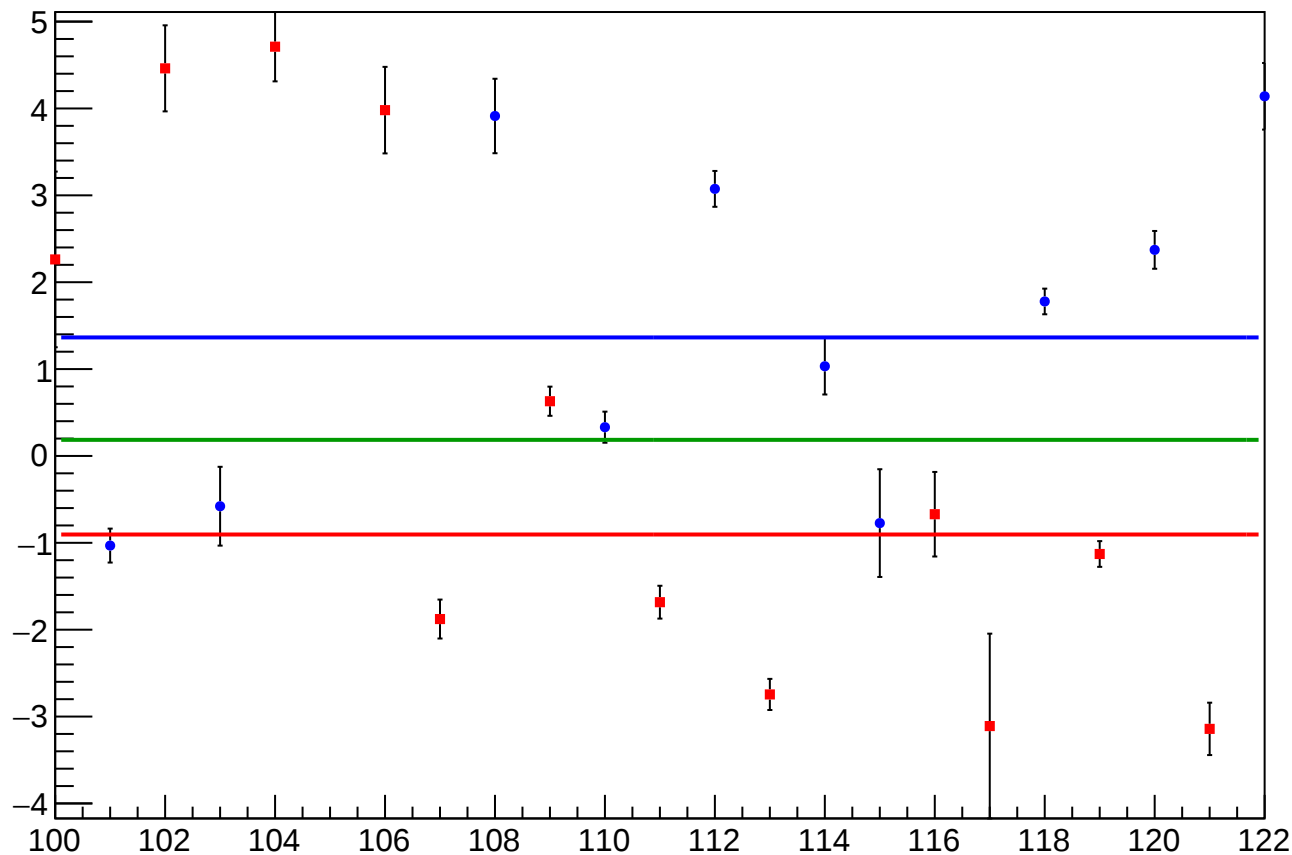
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.782+/-0.118 χ^2/NDF : 360.2/9

-0.446+/-0.075 χ^2/NDF : 1803.5/21

-1.976+/-0.098 χ^2/NDF : 844.2/11

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.364 $\pm$ 0.075 χ^2 /NDF: 400.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.904 $\pm$ 0.072 χ^2 /NDF: 708.3/11

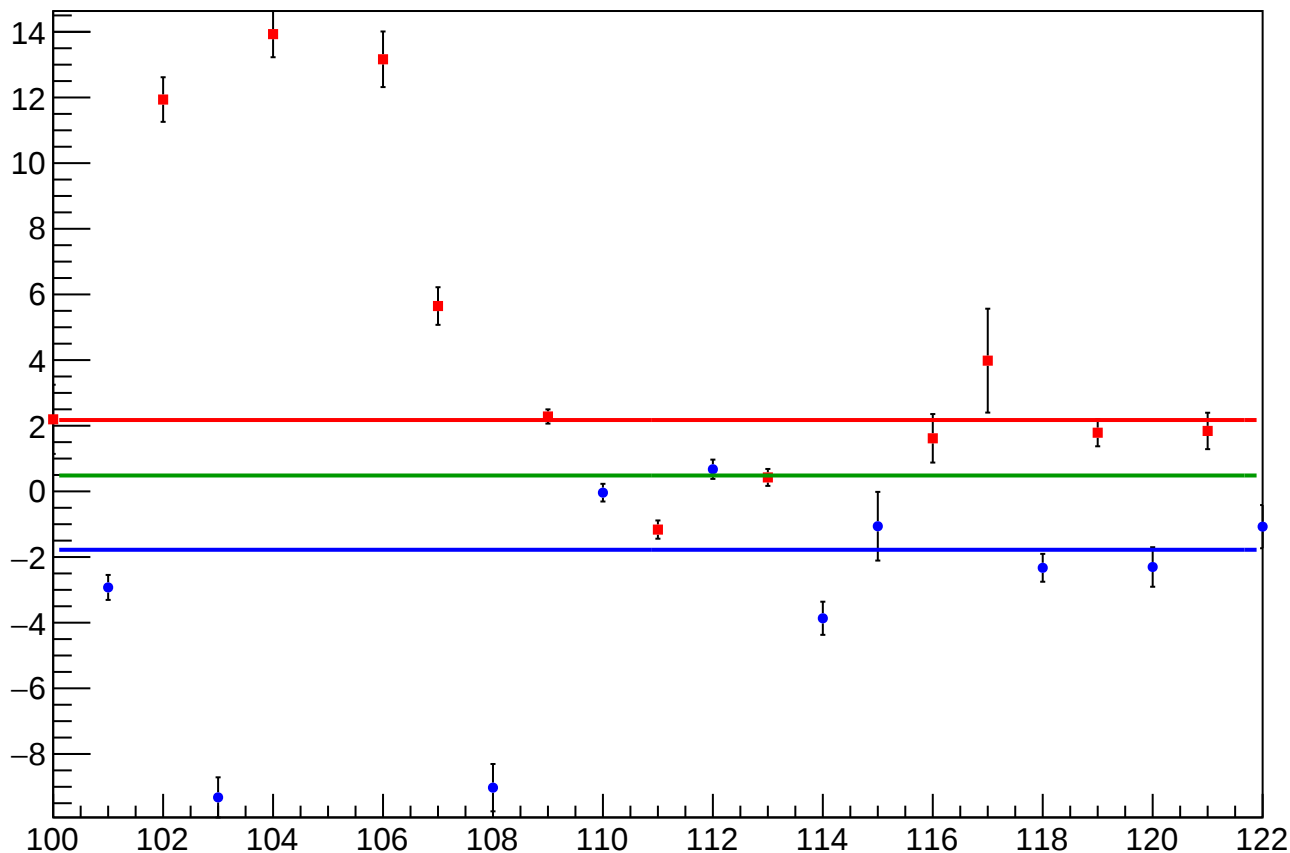
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

1.364 $\pm$ 0.075 χ^2 /NDF: 400.9/9

0.185 $\pm$ 0.052 χ^2 /NDF: 1582.8/21

-0.904 $\pm$ 0.072 χ^2 /NDF: 708.3/11

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.779+/-0.138 χ^2 /NDF: 395.0/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 2.174+/-0.119 χ^2 /NDF: 883.8/11

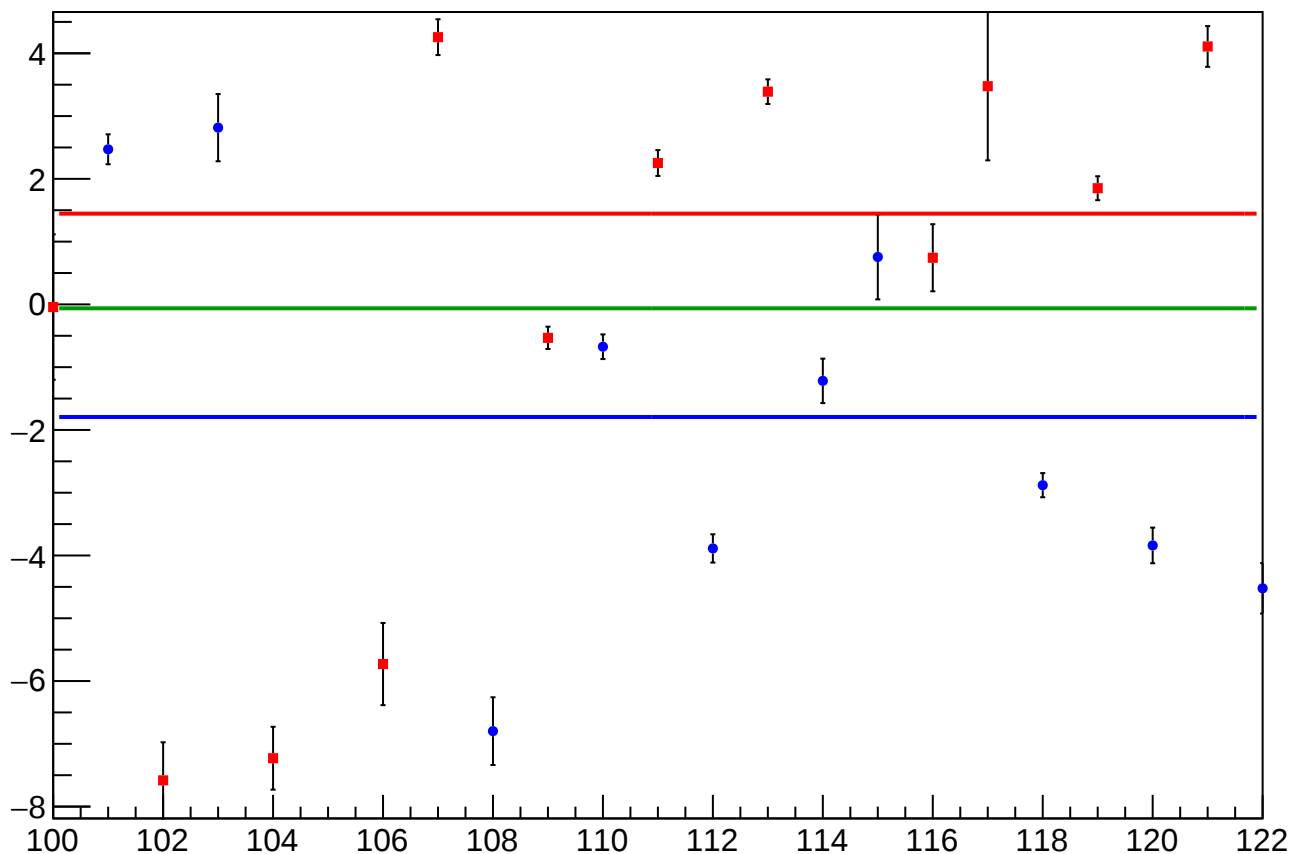
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1.779+/-0.138 χ^2 /NDF: 395.0/9

0.484+/-0.090 χ^2 /NDF: 1747.2/21

2.174+/-0.119 χ^2 /NDF: 883.8/11

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.794+/-0.089 χ^2/NDF : 744.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.446+/-0.083 χ^2/NDF : 1054.0/11

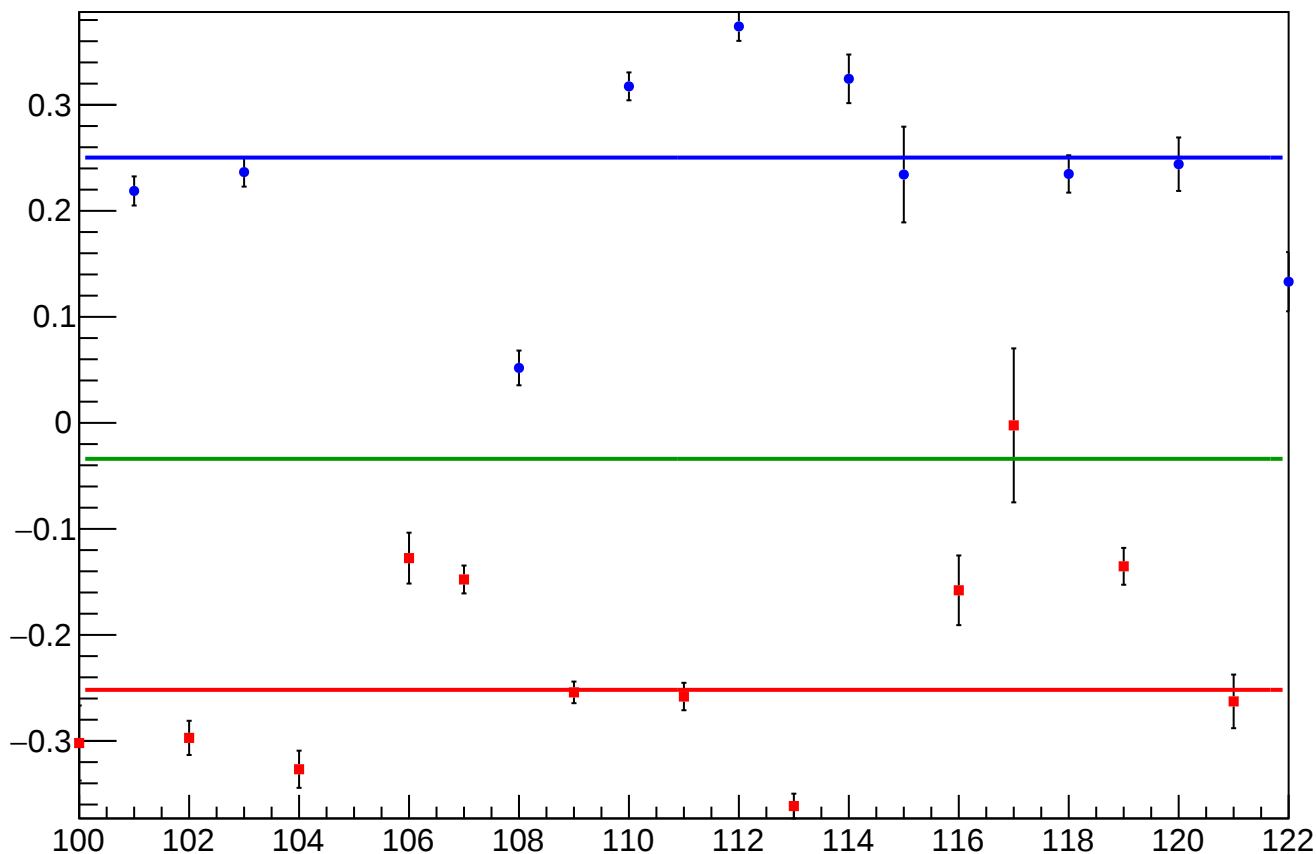
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.794+/-0.089 χ^2/NDF : 744.8/9

-0.062+/-0.061 χ^2/NDF : 2504.6/21

1.446+/-0.083 χ^2/NDF : 1054.0/11

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.250 ± 0.005 χ^2/NDF : 290.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.252 ± 0.005 χ^2/NDF : 271.1/11

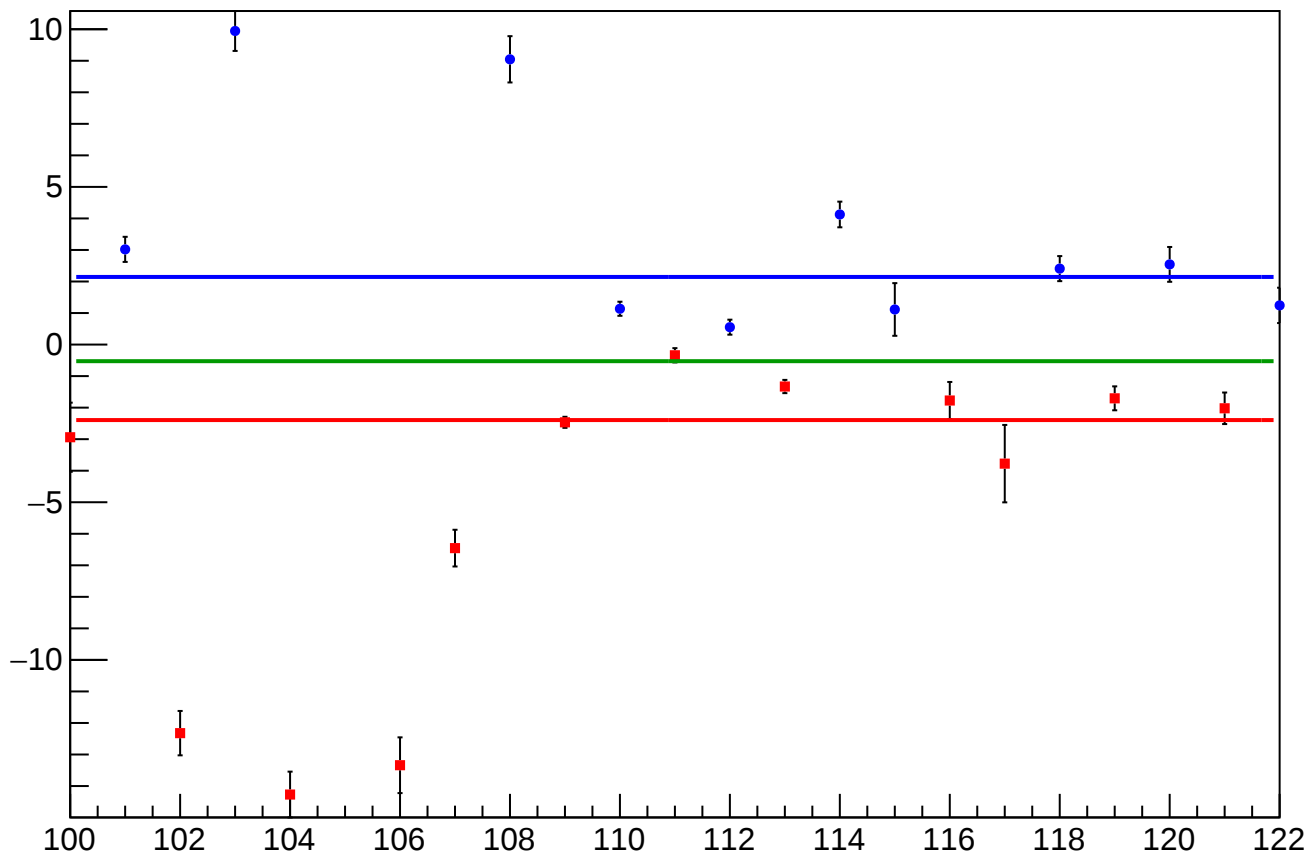
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.250 ± 0.005 χ^2/NDF : 290.8/9

-0.034 ± 0.004 χ^2/NDF : 5415.0/21

-0.252 ± 0.005 χ^2/NDF : 271.1/11

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 2.145 $\pm$ 0.121 χ^2 /NDF: 339.2/9

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

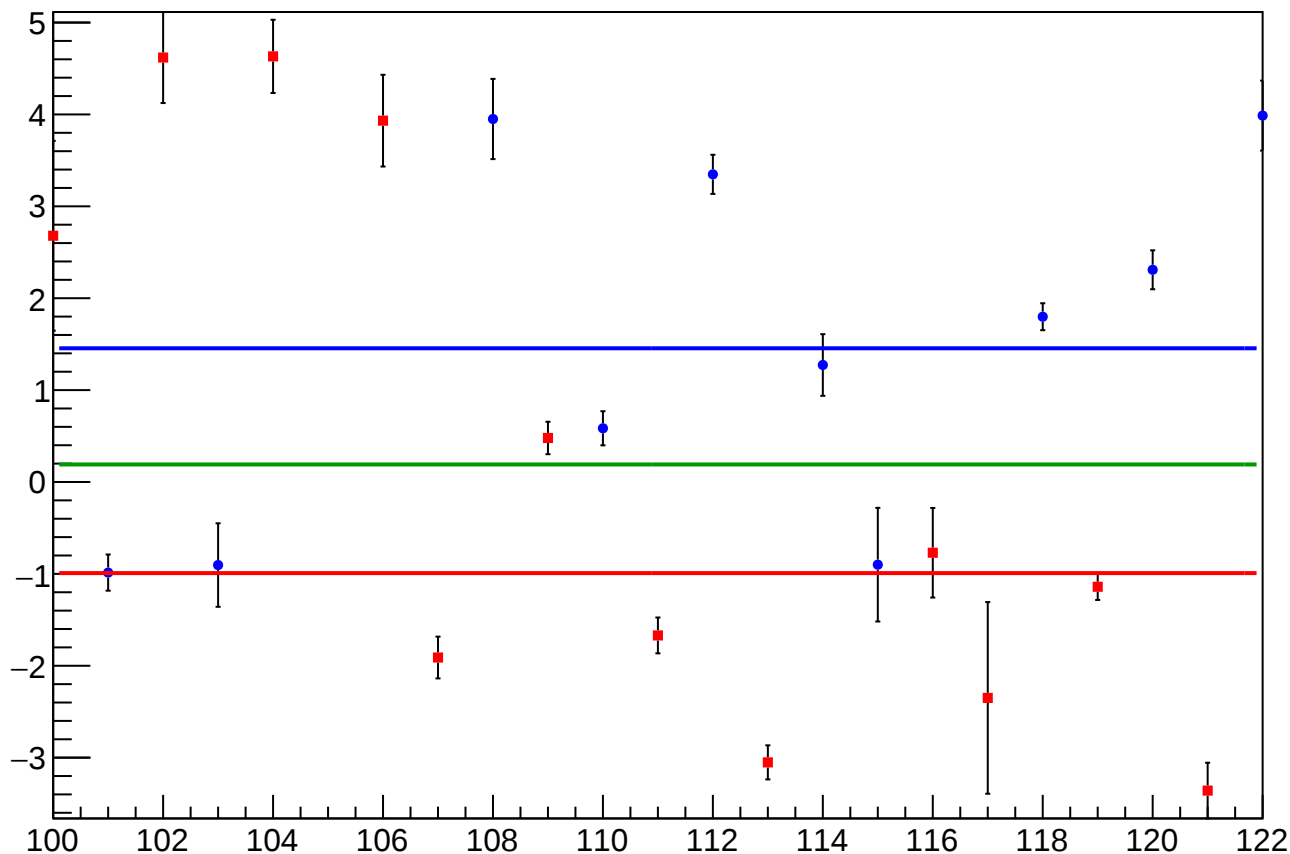
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.145 $\pm$ 0.121 χ^2 /NDF: 339.2/9

-0.527 $\pm$ 0.077 χ^2 /NDF: 1954.6/21

-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: 1.455+/-0.076 χ^2/NDF : 395.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.992+/-0.073 χ^2/NDF : 722.5/11

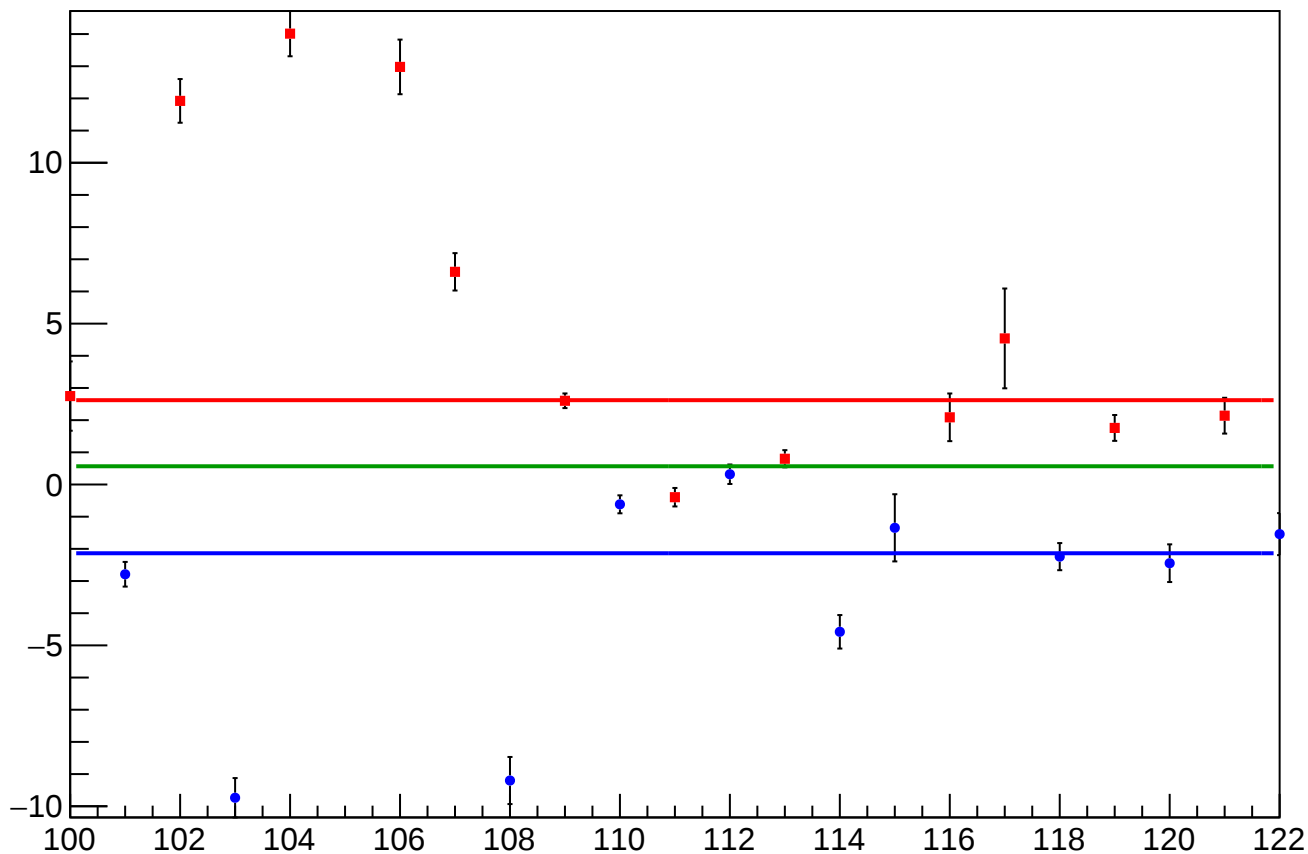
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.455+/-0.076 χ^2/NDF : 395.3/9

0.191+/-0.053 χ^2/NDF : 1657.0/21

-0.992+/-0.073 χ^2/NDF : 722.5/11

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.137+/-0.141 χ^2/NDF : 369.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.621+/-0.123 χ^2/NDF : 810.1/11

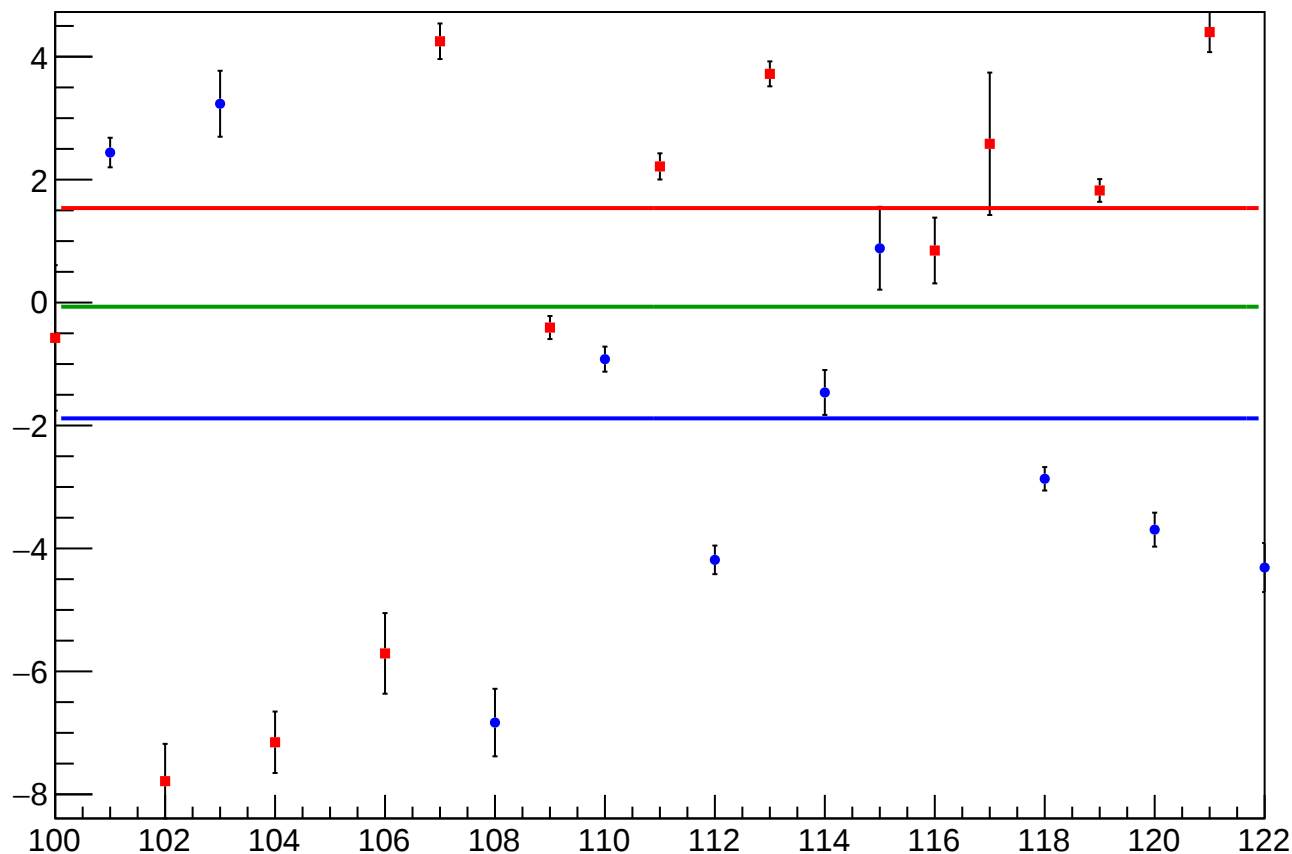
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.137+/-0.141 χ^2/NDF : 369.3/9

0.567+/-0.092 χ^2/NDF : 1829.6/21

2.621+/-0.123 χ^2/NDF : 810.1/11

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.884+/-0.090 χ^2/NDF : 740.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.537+/-0.085 χ^2/NDF : 1067.0/11

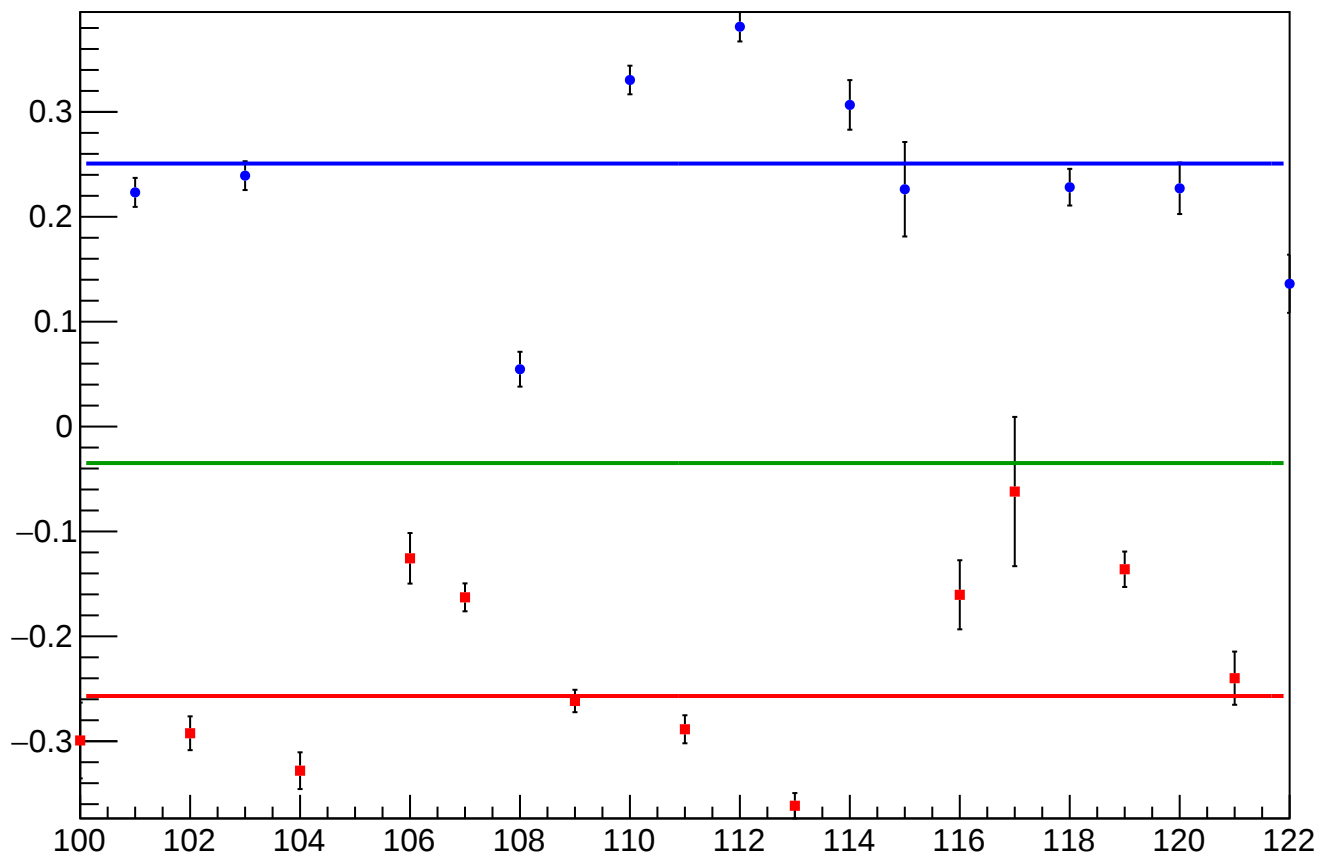
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.884+/-0.090 χ^2/NDF : 740.3/9

-0.067+/-0.062 χ^2/NDF : 2572.8/21

1.537+/-0.085 χ^2/NDF : 1067.0/11

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.251+/-0.005 χ^2/NDF : 290.1/9

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

0.251+/-0.005 χ^2/NDF : 290.1/9

-0.035+/-0.004 χ^2/NDF : 5343.9/21

-0.257+/-0.005 χ^2/NDF : 250.6/11