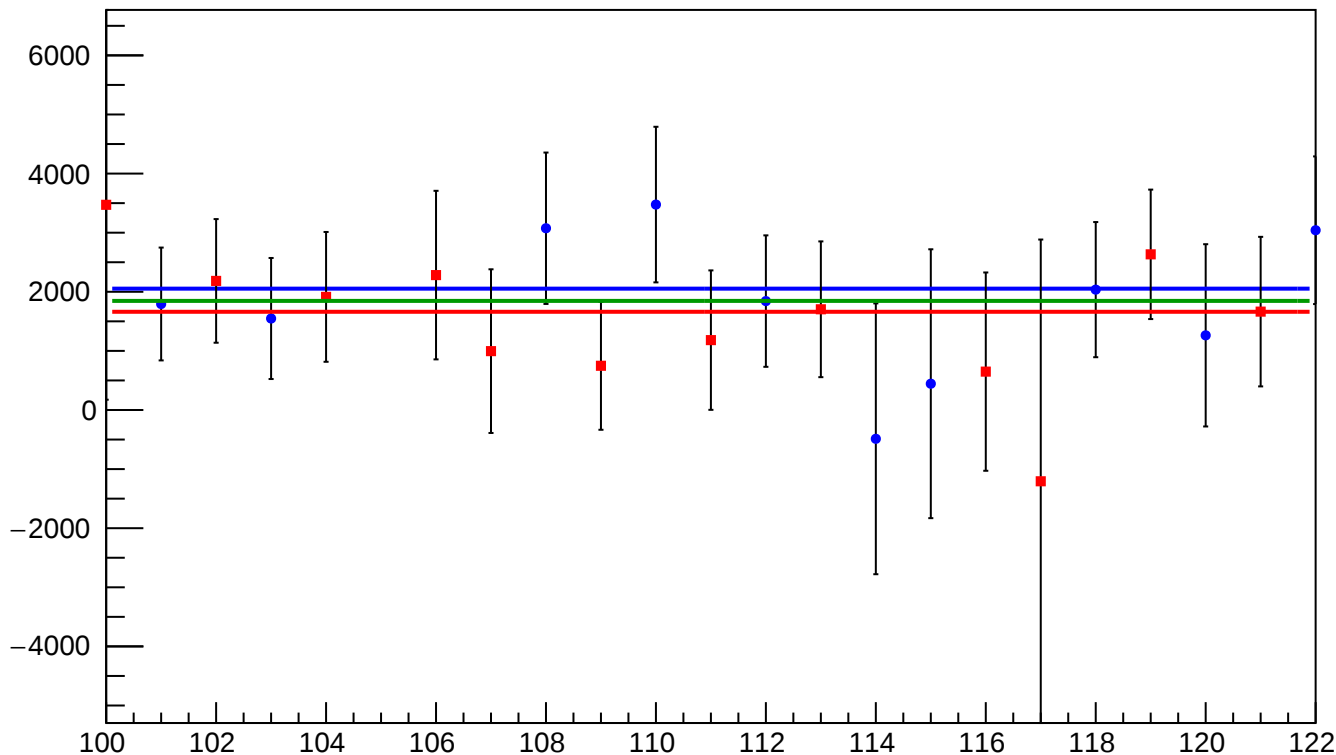


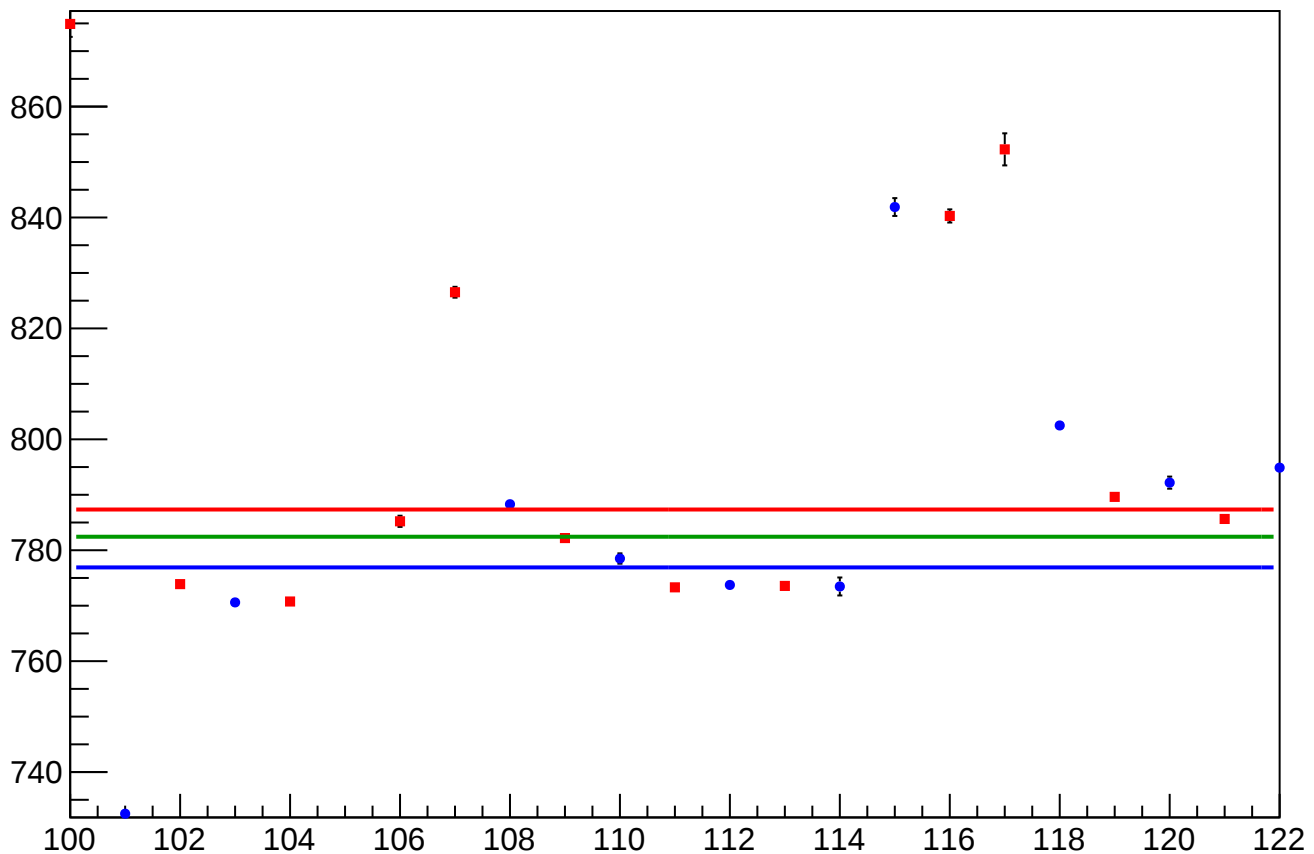
reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2053.234+/-399.793 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

2053.234+/-399.793 χ^2/NDF : 4.8/9
 1845.800+/-274.123 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: 776.904 $\pm$ 0.283 χ^2 /NDF: 7833.2/9

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

Right Out: 787.344 $\pm$ 0.266 χ^2 /NDF: 6926.6/11

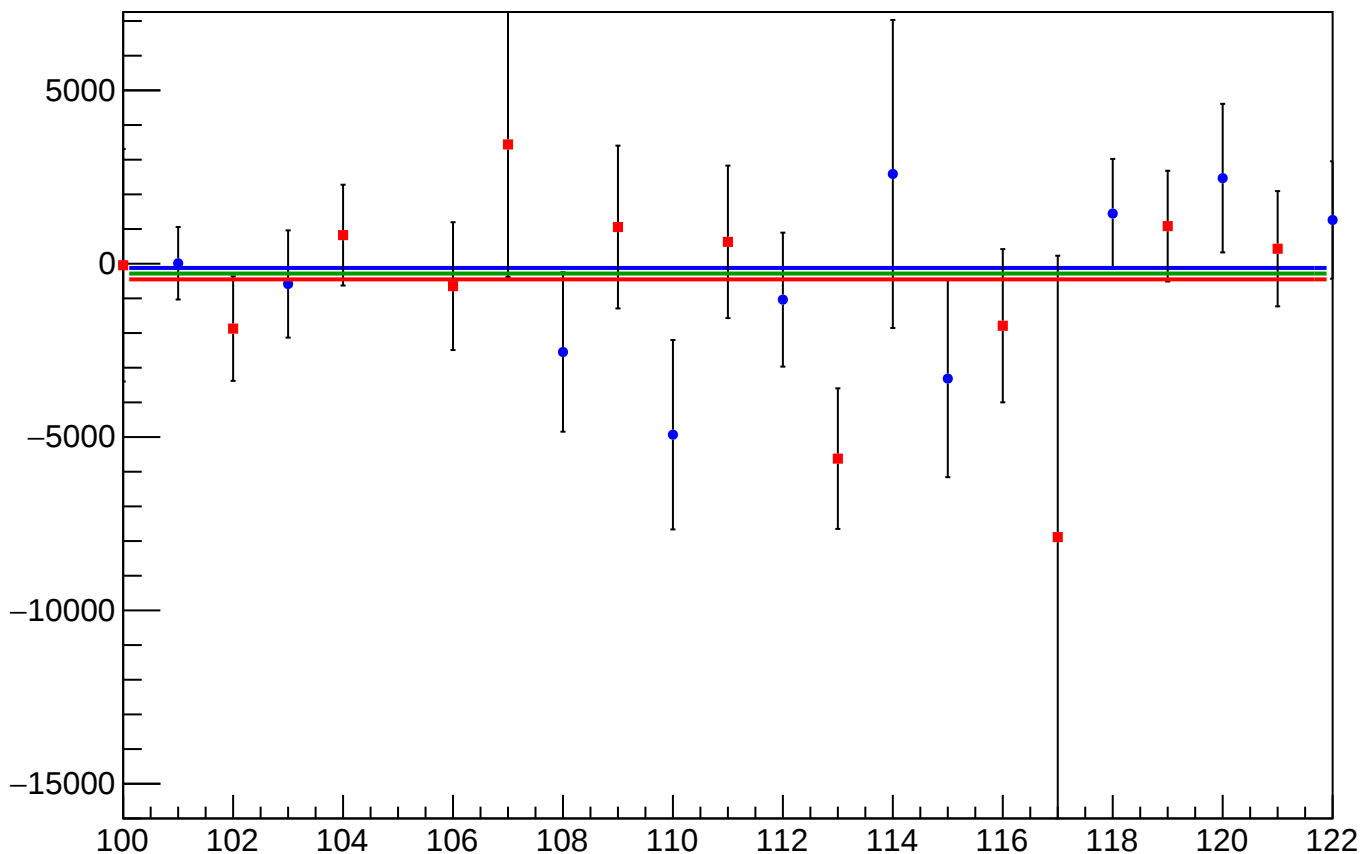
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

776.904 $\pm$ 0.283 χ^2 /NDF: 7833.2/9

782.436 $\pm$ 0.194 χ^2 /NDF: 15482.5/21

787.344 $\pm$ 0.266 χ^2 /NDF: 6926.6/11

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -121.998+/-570.964 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

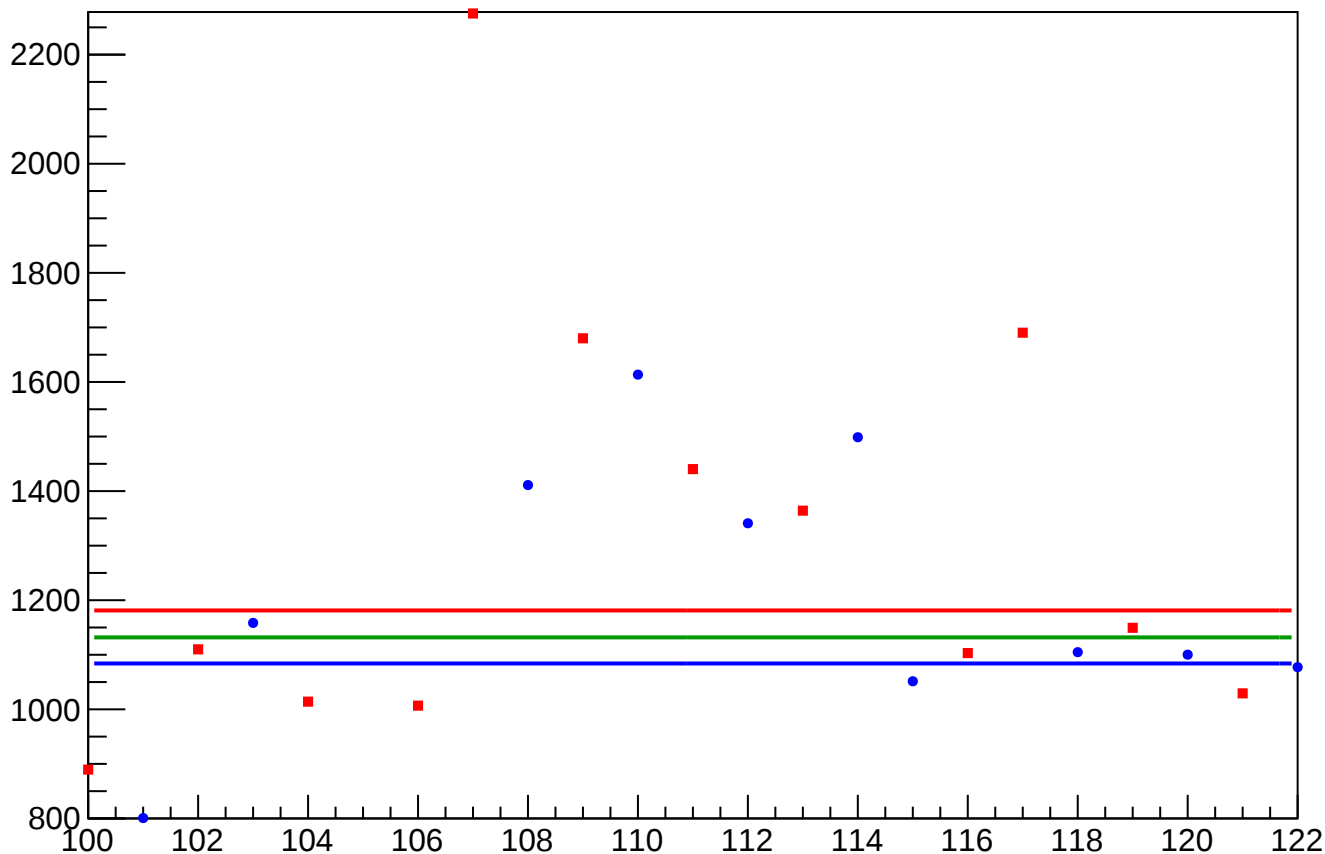
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-121.998+/-570.964 χ^2/NDF : 9.3/9

-284.195+/-406.951 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: 1084.032 $\pm$ 0.404 χ^2 /NDF: 320779.9/9

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

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

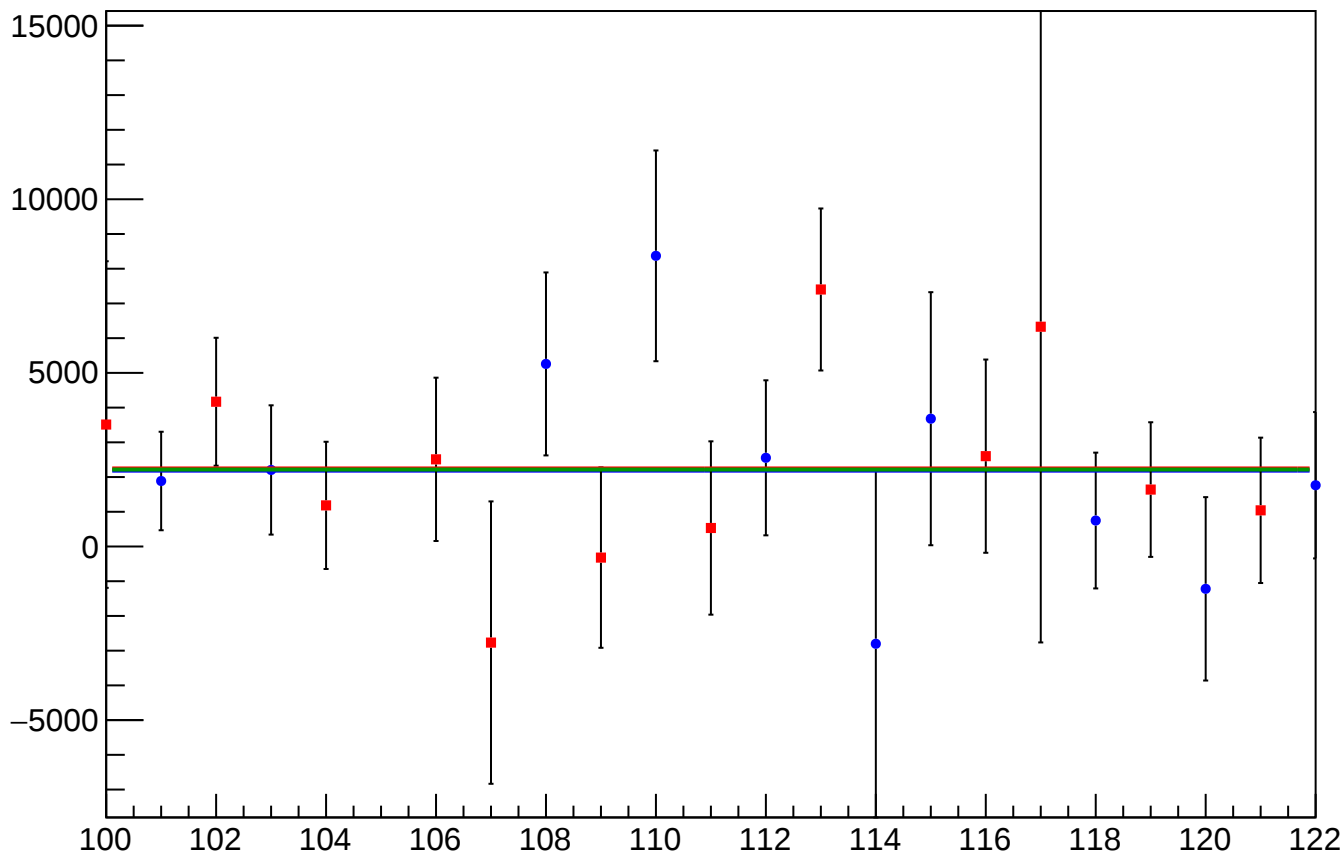
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1084.032 $\pm$ 0.404 χ^2 /NDF: 320779.9/9

1131.862 $\pm$ 0.288 χ^2 /NDF: 739573.9/21

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

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2184.935+/-709.902 χ^2/NDF : 9.0/9

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

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

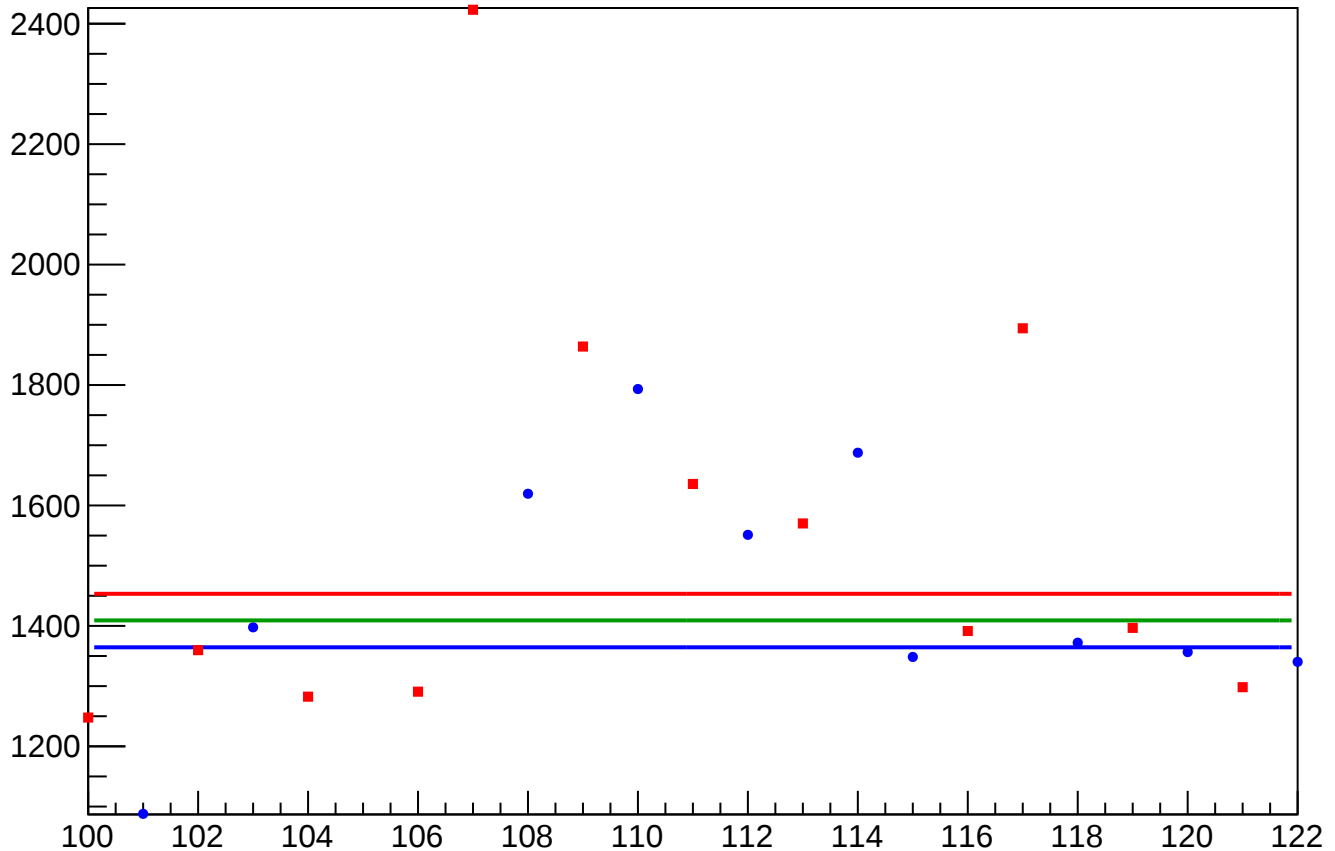
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2184.935+/-709.902 χ^2/NDF : 9.0/9

2216.478+/-500.532 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: 1364.459+/-0.502 χ^2/NDF : 158051.4/9

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

Right Out: 1453.301+/-0.499 χ^2/NDF : 233737.5/11

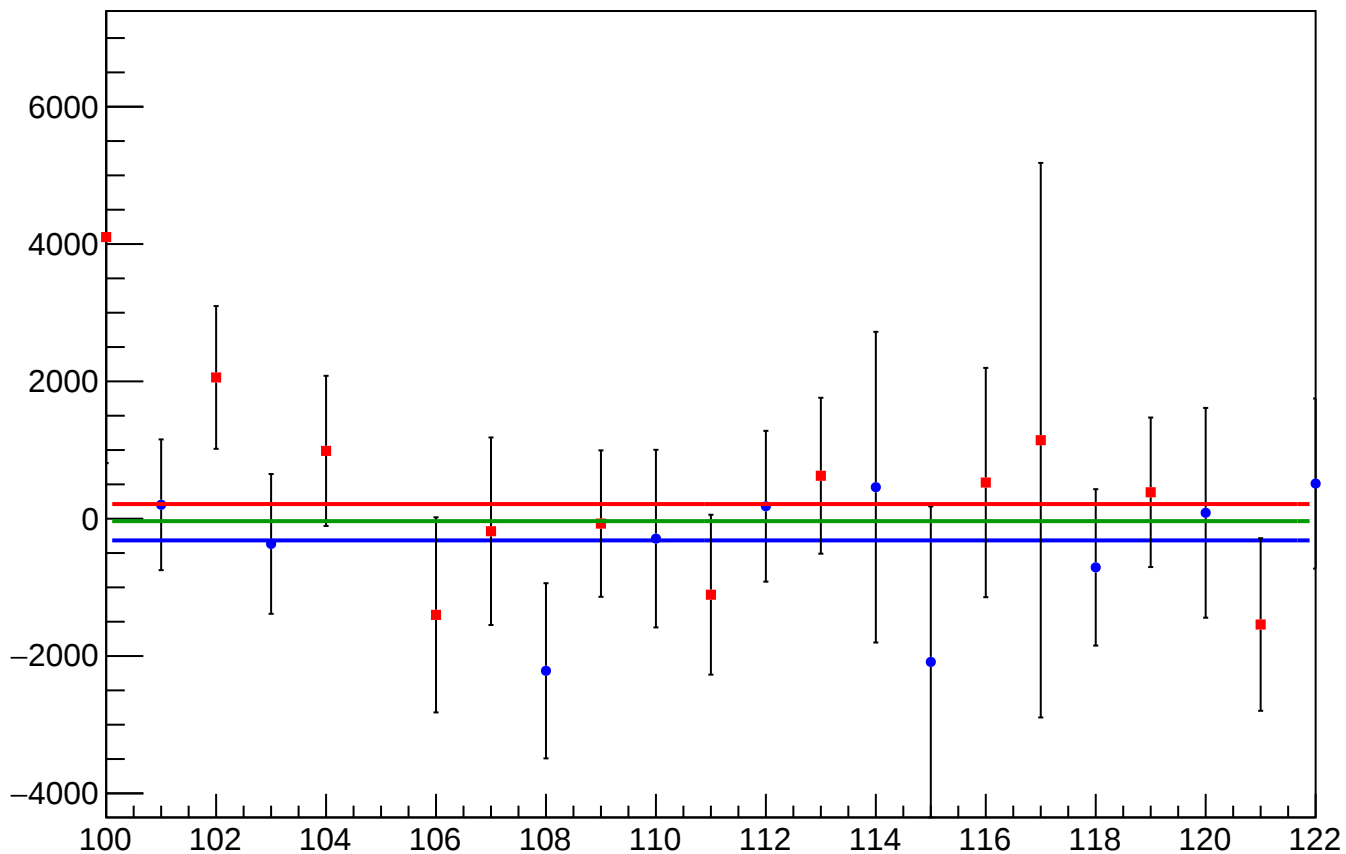
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1364.459+/-0.502 χ^2/NDF : 158051.4/9

1409.135+/-0.354 χ^2/NDF : 407540.6/21

1453.301+/-0.499 χ^2/NDF : 233737.5/11

reg_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -316.128+/-396.810 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

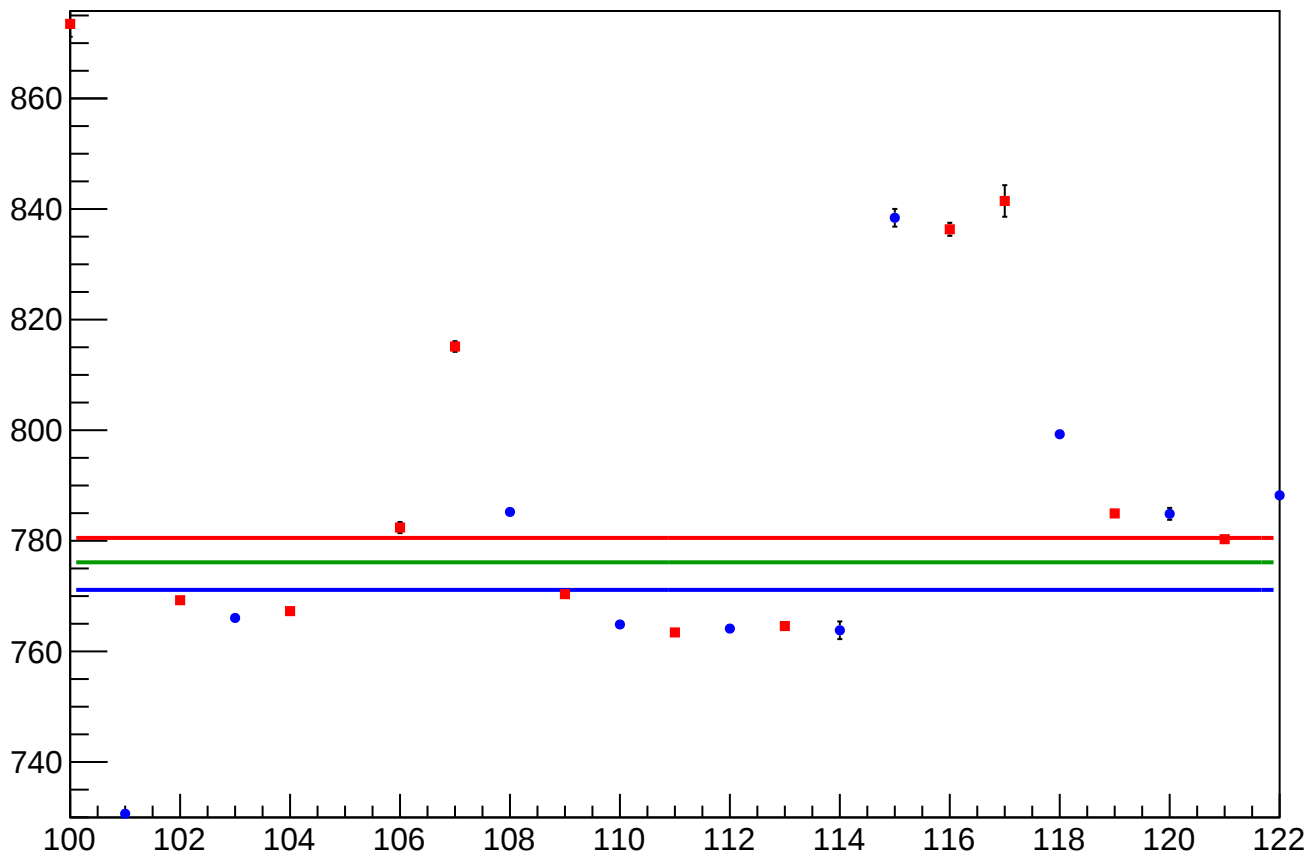
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-316.128+/-396.810 χ^2/NDF : 4.1/9

-35.233+/-271.904 χ^2/NDF : 15.0/21

213.394+/-373.323 χ^2/NDF : 10.0/11

reg_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 771.124+/-0.281 χ^2/NDF : 7587.6/9

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

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

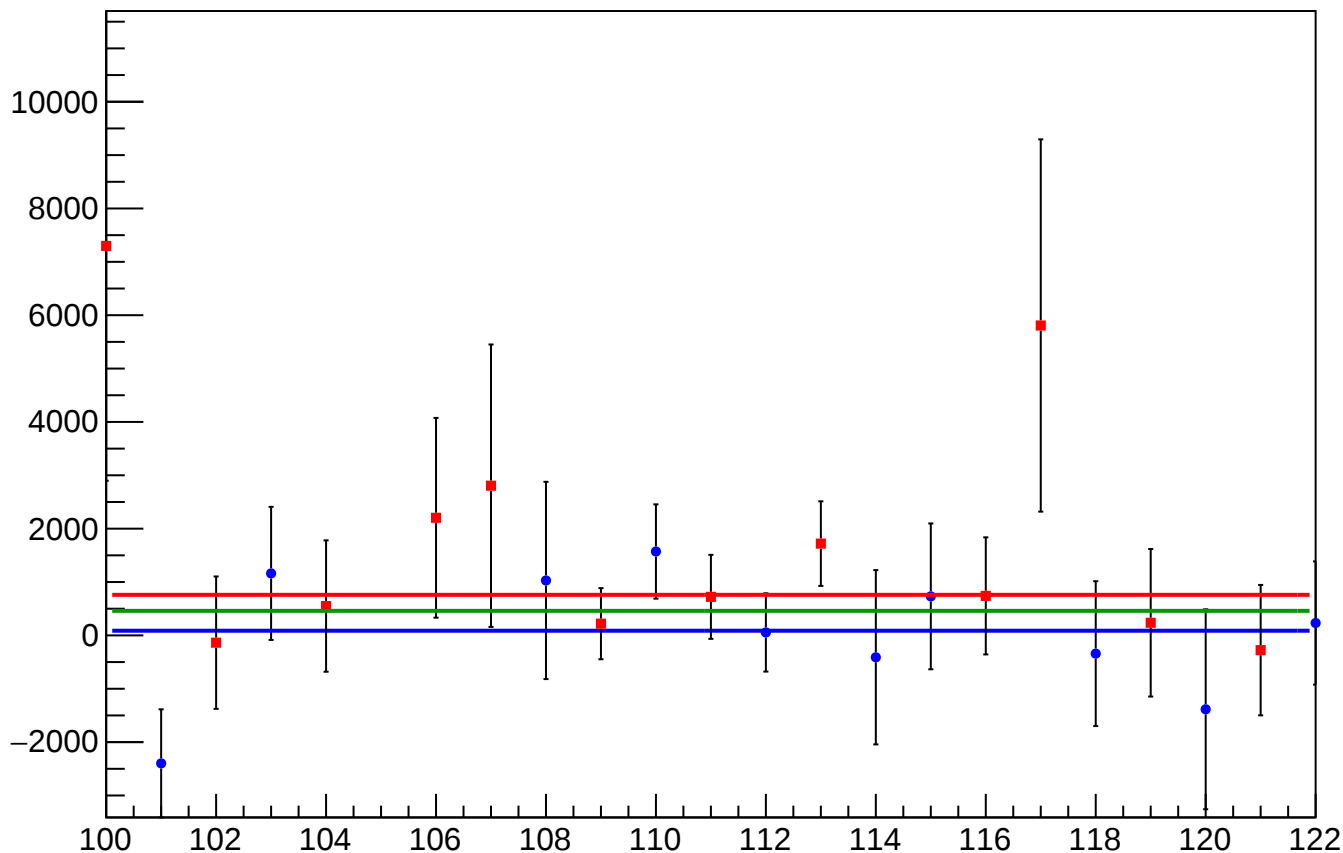
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

771.124+/-0.281 χ^2/NDF : 7587.6/9

776.110+/-0.192 χ^2/NDF : 15323.7/21

780.523+/-0.264 χ^2/NDF : 7140.8/11

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: 87.496 $\pm$ 364.283 χ^2 /NDF: 10.9/9

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

Right Out: 760.043 $\pm$ 326.983 χ^2 /NDF: 9.0/11

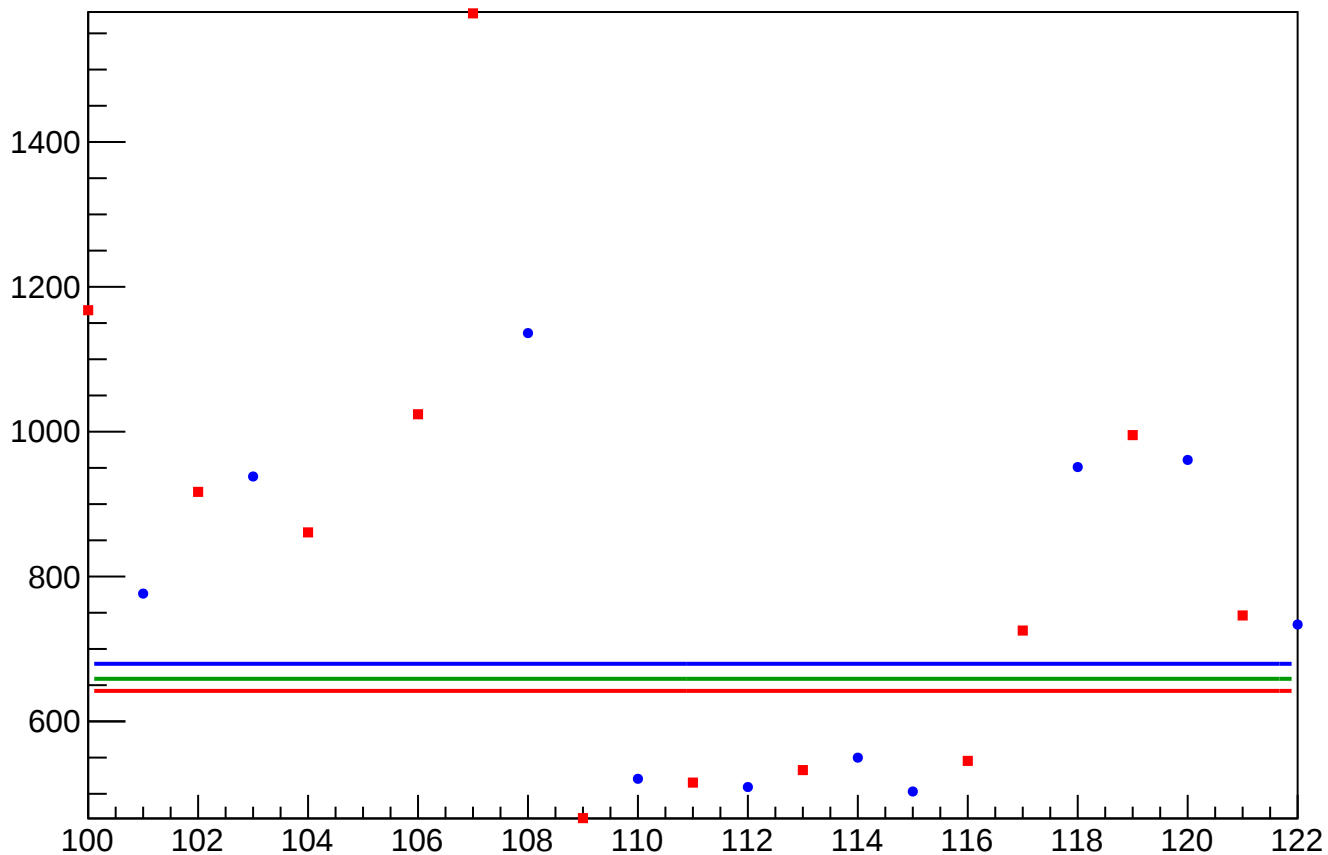
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

87.496 $\pm$ 364.283 χ^2 /NDF: 10.9/9

459.955 $\pm$ 243.334 χ^2 /NDF: 21.8/21

760.043 $\pm$ 326.983 χ^2 /NDF: 9.0/11

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 679.516+/-0.258 χ^2/NDF : 574198.4/9

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

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

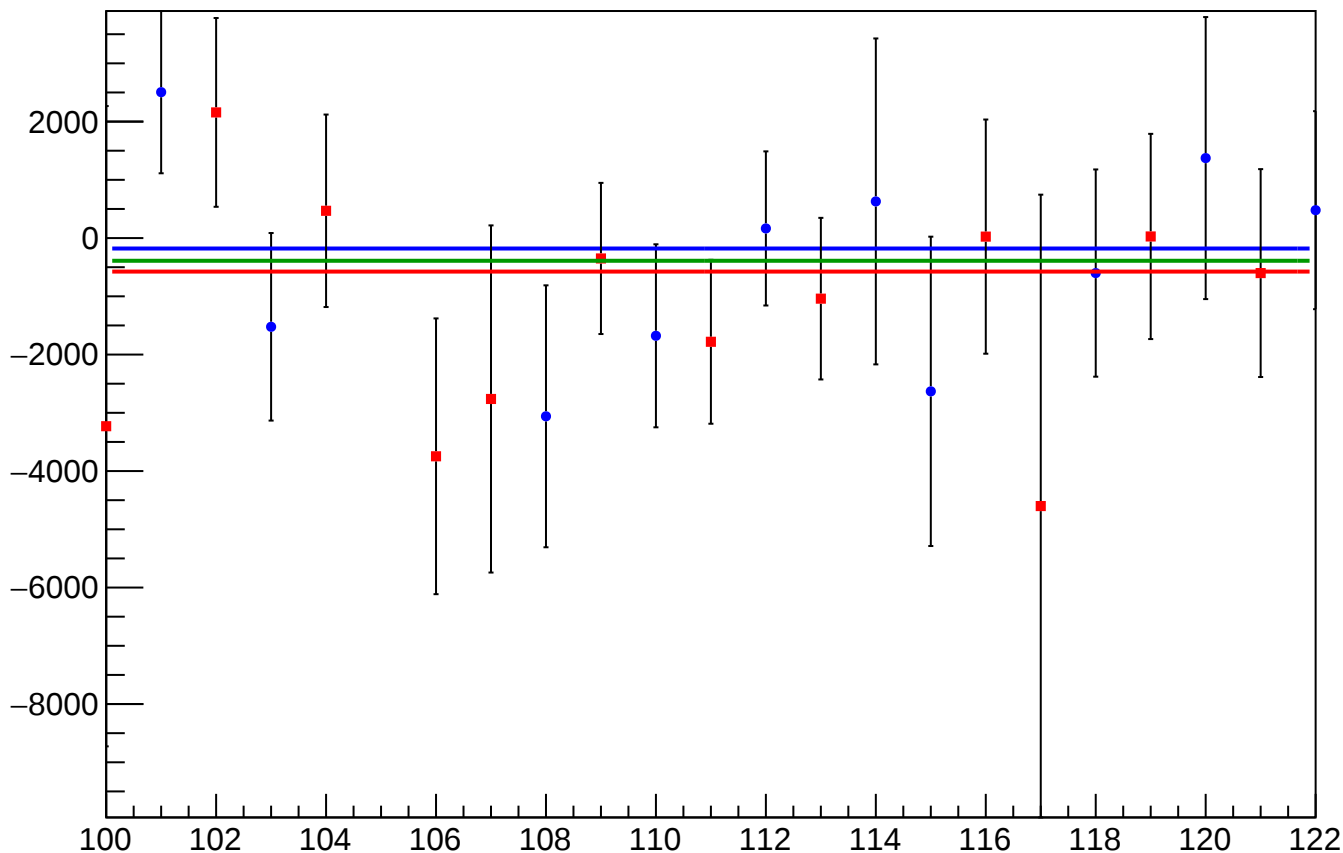
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

679.516+/-0.258 χ^2/NDF : 574198.4/9

658.797+/-0.172 χ^2/NDF : 1499569.5/21

642.104+/-0.231 χ^2/NDF : 913688.5/11

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -179.074+/-560.987 χ^2 /NDF: 8.6/9

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

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

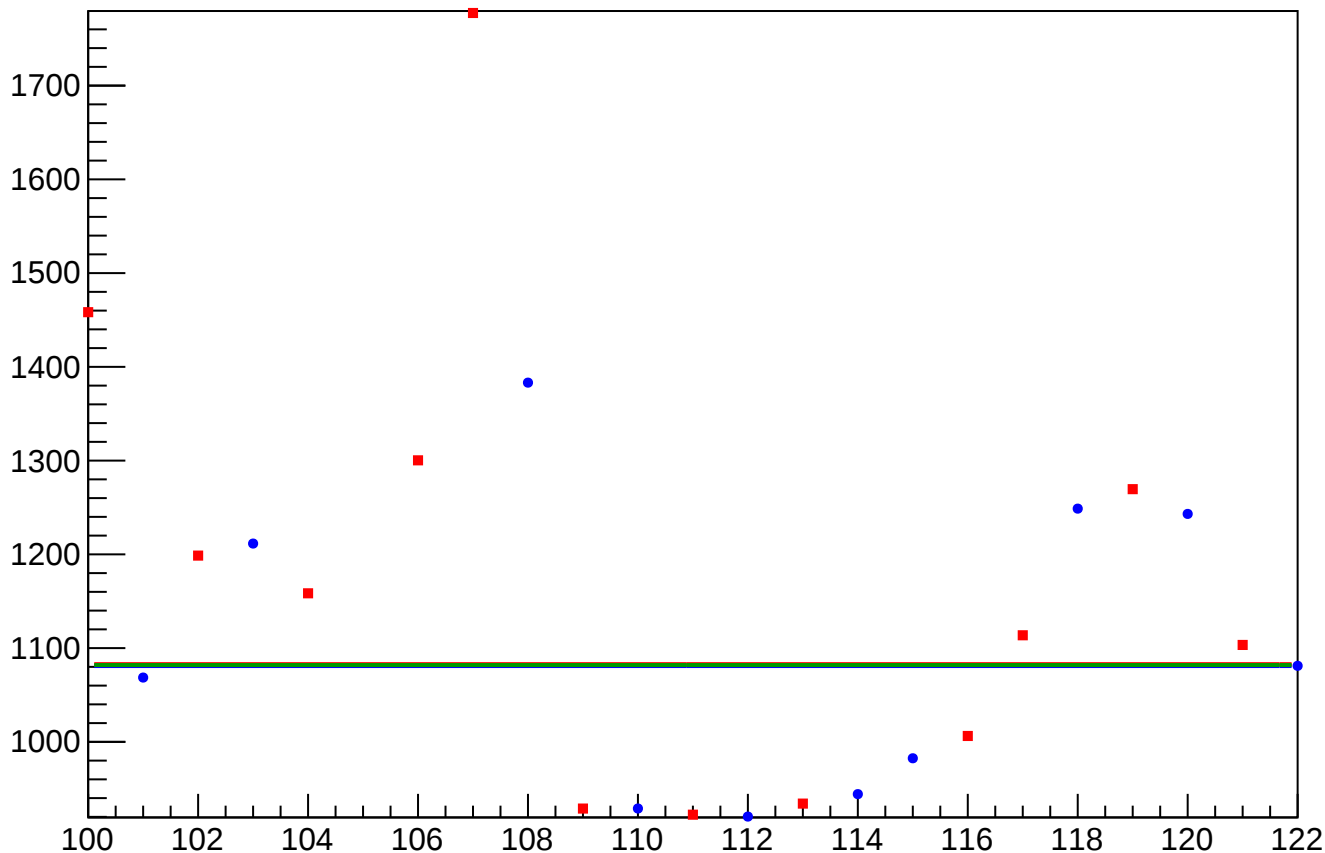
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-179.074+/-560.987 χ^2 /NDF: 8.6/9

-389.672+/-383.873 χ^2 /NDF: 16.3/21

-575.114+/-526.418 χ^2 /NDF: 7.5/11

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1080.866 $\pm$ 0.397 χ^2 /NDF: 131958.2/9

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

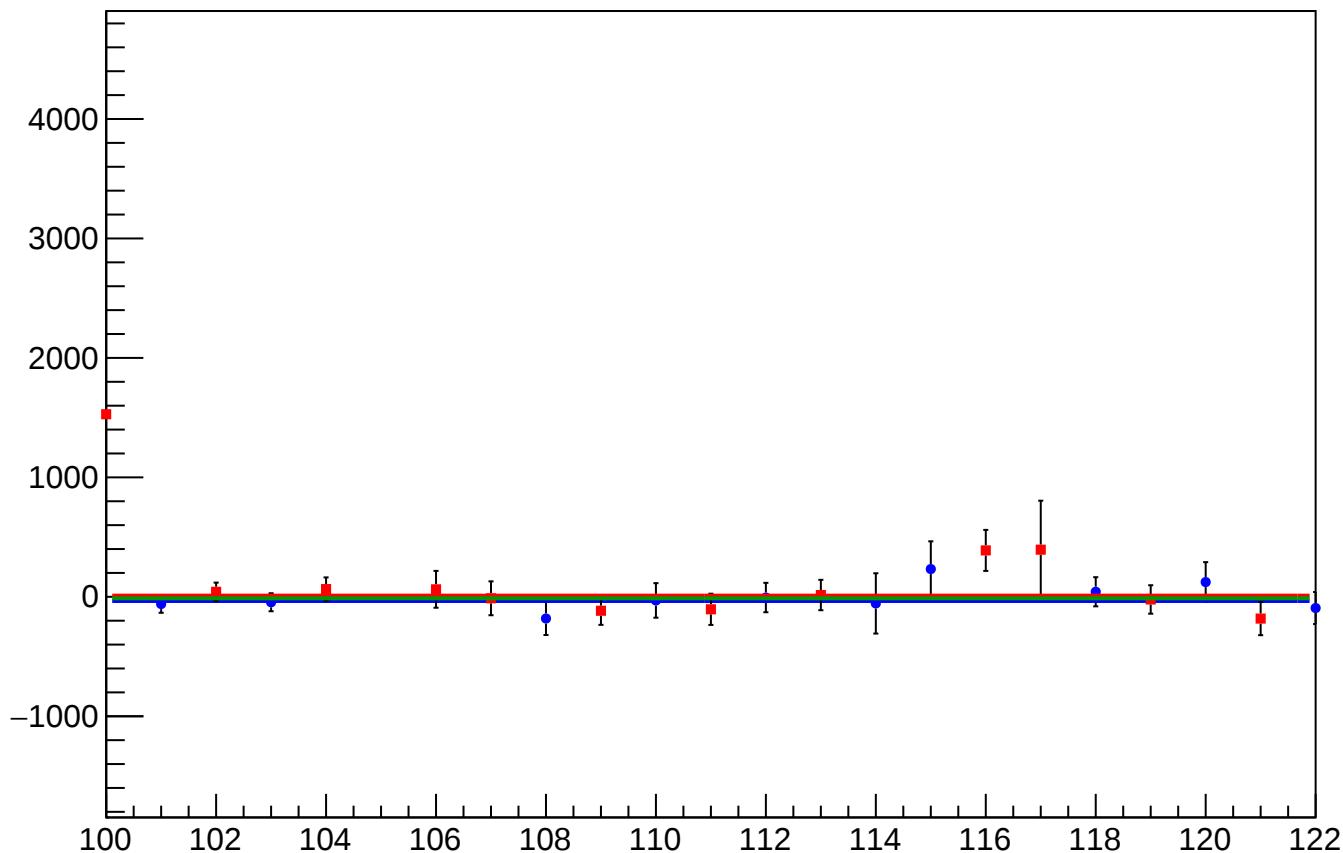
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1080.866 $\pm$ 0.397 χ^2 /NDF: 131958.2/9

1081.942 $\pm$ 0.271 χ^2 /NDF: 384131.8/21

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

reg_asym_ds_avg_mean vs Slug, Sign Corrected



Right In: -34.699+/-37.251 χ^2 /NDF: 4.2/9

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

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

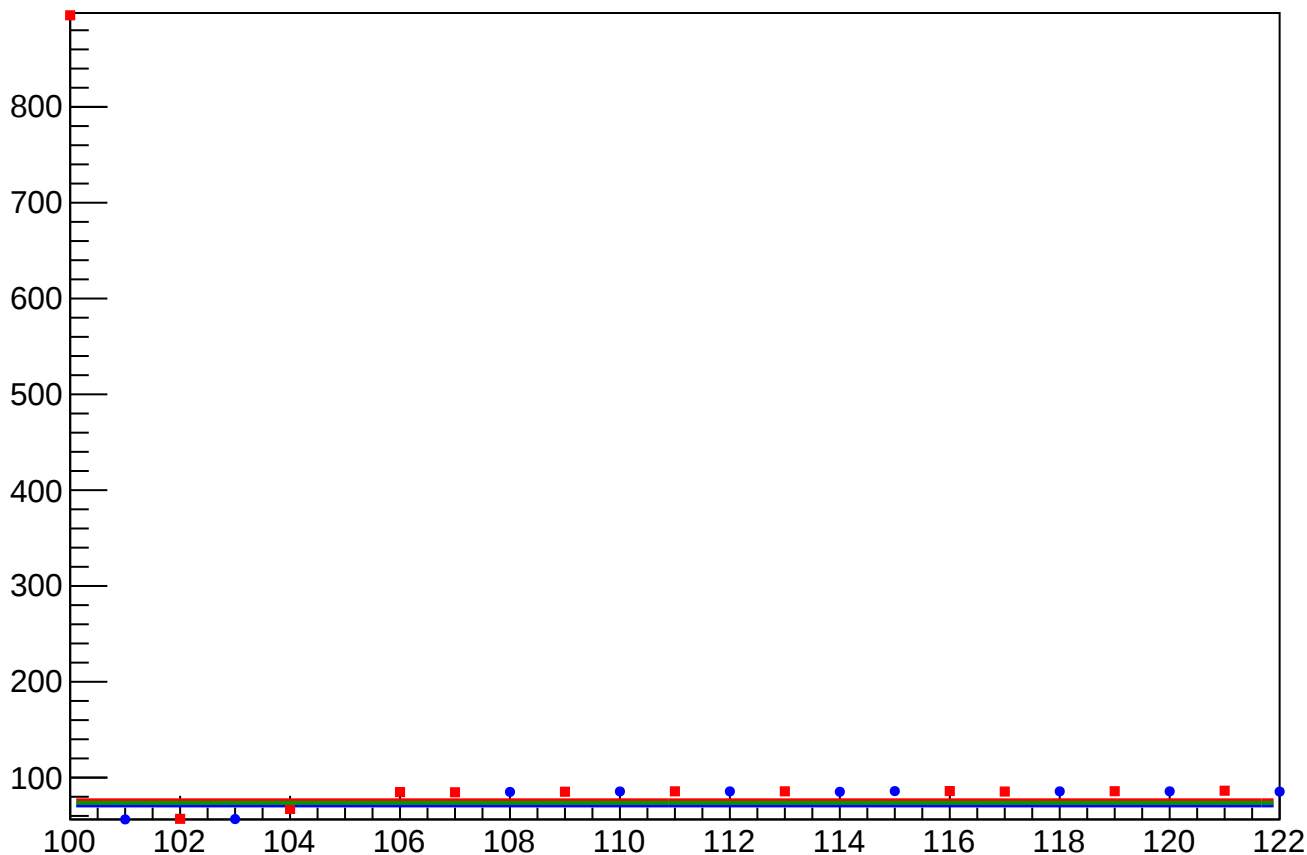
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-34.699+/-37.251 χ^2 /NDF: 4.2/9

-12.536+/-26.352 χ^2 /NDF: 15.3/21

9.666+/-37.284 χ^2 /NDF: 10.5/11

reg_asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 70.973+/-0.026 χ^2/NDF : 302245.6/9

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

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

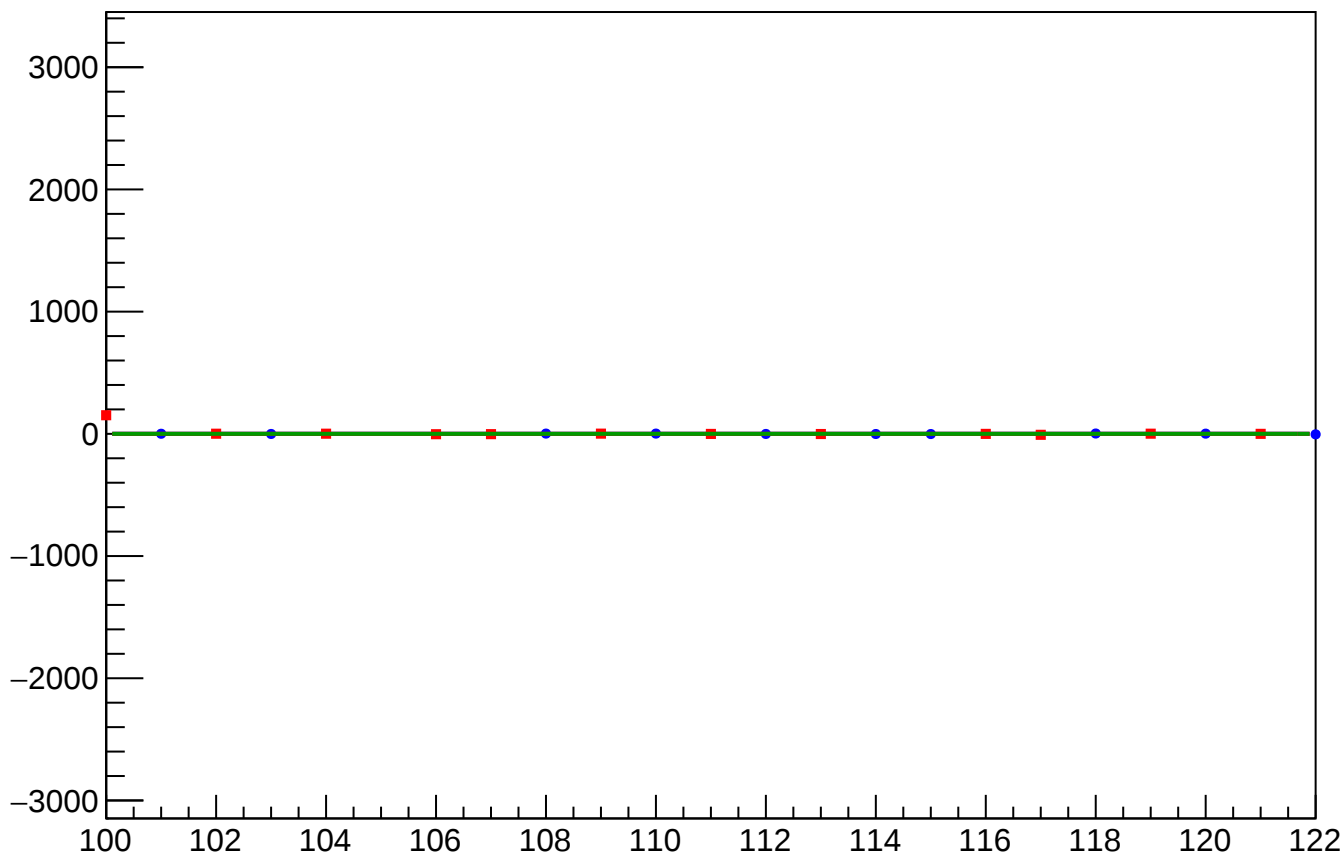
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

70.973+/-0.026 χ^2/NDF : 302245.6/9

73.630+/-0.019 χ^2/NDF : 659528.0/21

76.292+/-0.026 χ^2/NDF : 336916.3/11

asym_ds_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.280+/-0.615 χ^2/NDF : 8.0/9

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

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

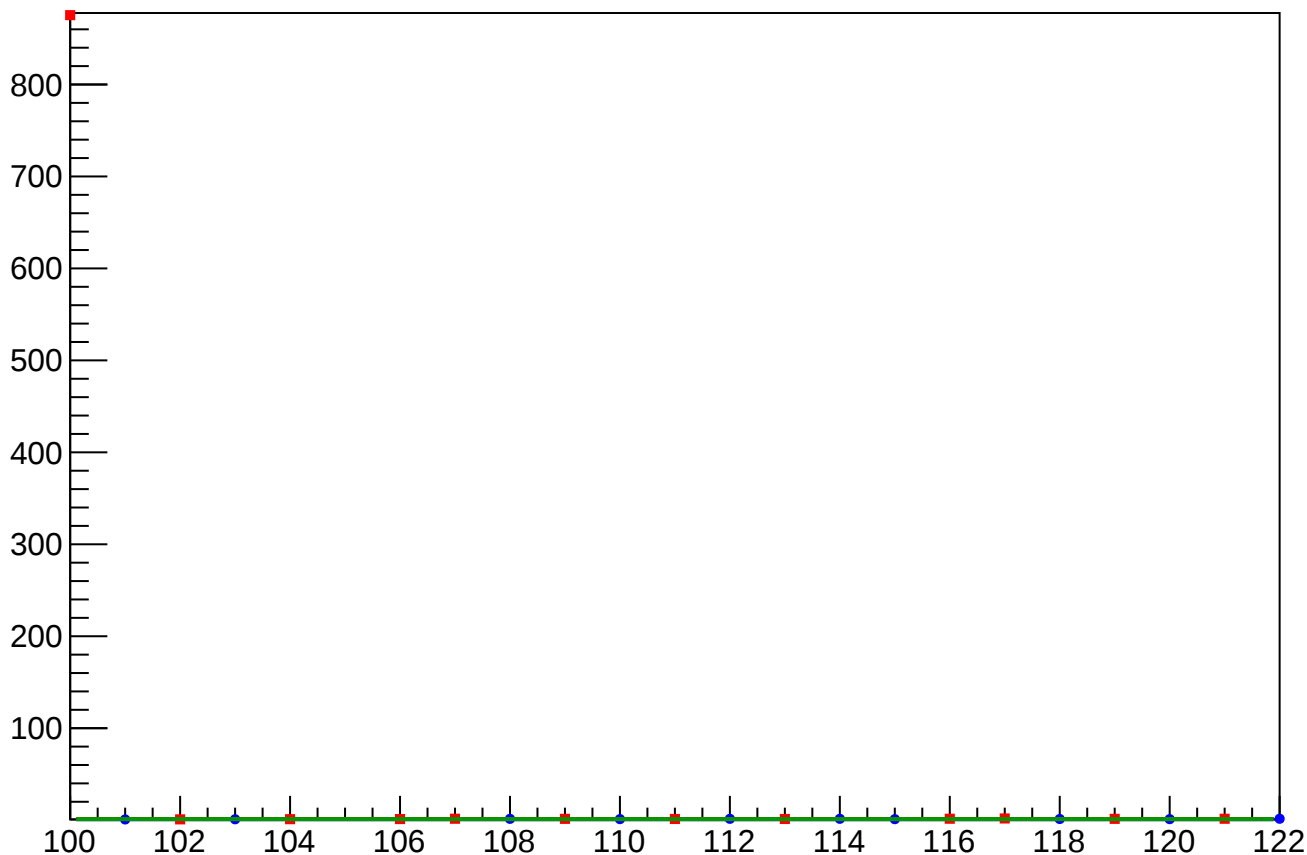
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.280+/-0.615 χ^2/NDF : 8.0/9

0.203+/-0.447 χ^2/NDF : 13.8/21

0.117+/-0.652 χ^2/NDF : 5.8/11

asym_ds_avg_correction_rms vs Slug, Sign Corrected



Right In: 1.069 $\pm$ 0.000 χ^2 /NDF: 351150.8/9

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

Right Out: 1.227 $\pm$ 0.000 χ^2 /NDF: 415506.4/11

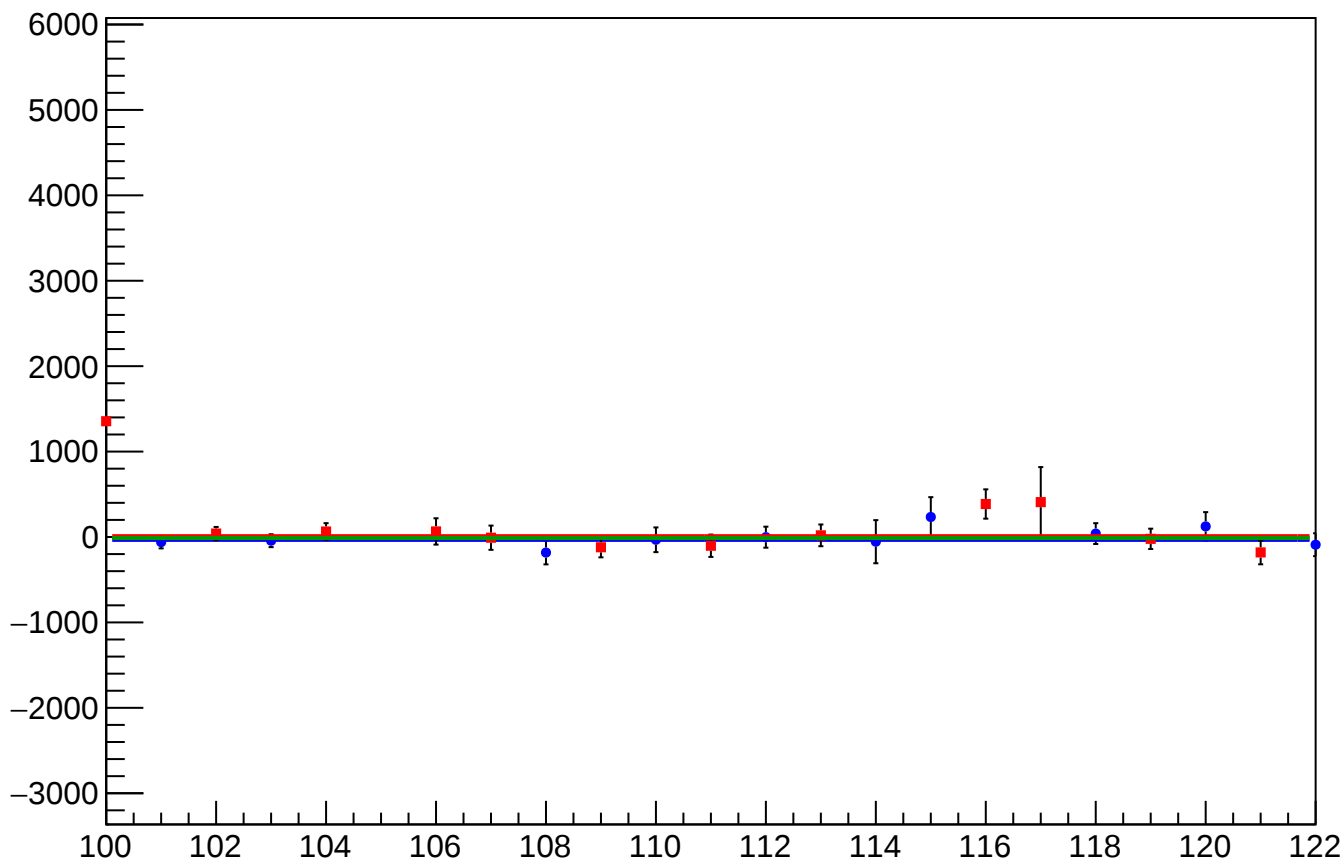
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.069 $\pm$ 0.000 χ^2 /NDF: 351150.8/9

1.143 $\pm$ 0.000 χ^2 /NDF: 828713.9/21

1.227 $\pm$ 0.000 χ^2 /NDF: 415506.4/11

asym_ds_avg_mean vs Slug, Sign Corrected



Right In: -33.741+/-37.260 χ^2/NDF : 4.1/9

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

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

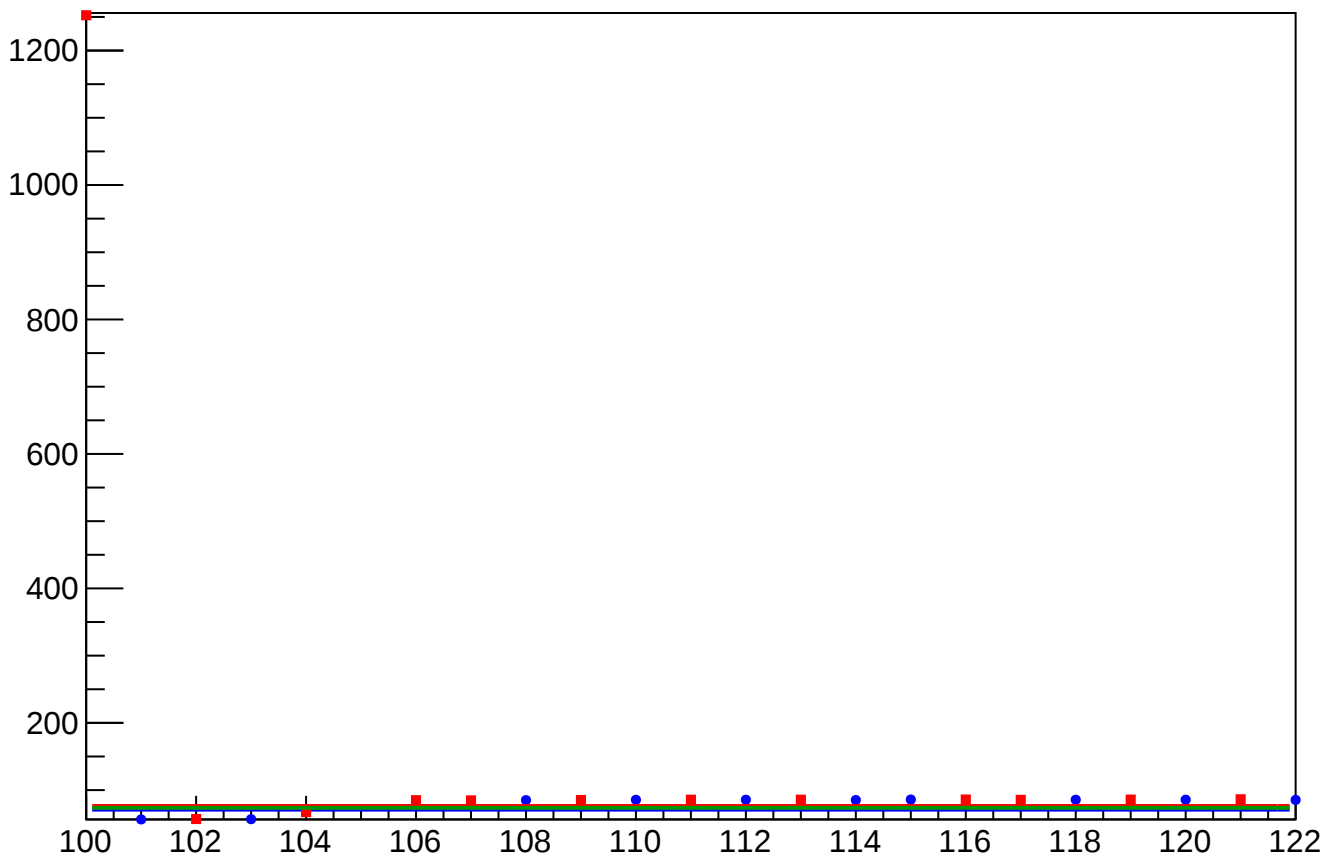
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-33.741+/-37.260 χ^2/NDF : 4.1/9

-11.916+/-26.359 χ^2/NDF : 15.2/21

9.949+/-37.295 χ^2/NDF : 10.3/11

asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 70.991 $\pm$ 0.026 χ^2 /NDF: 302242.8/9

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

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

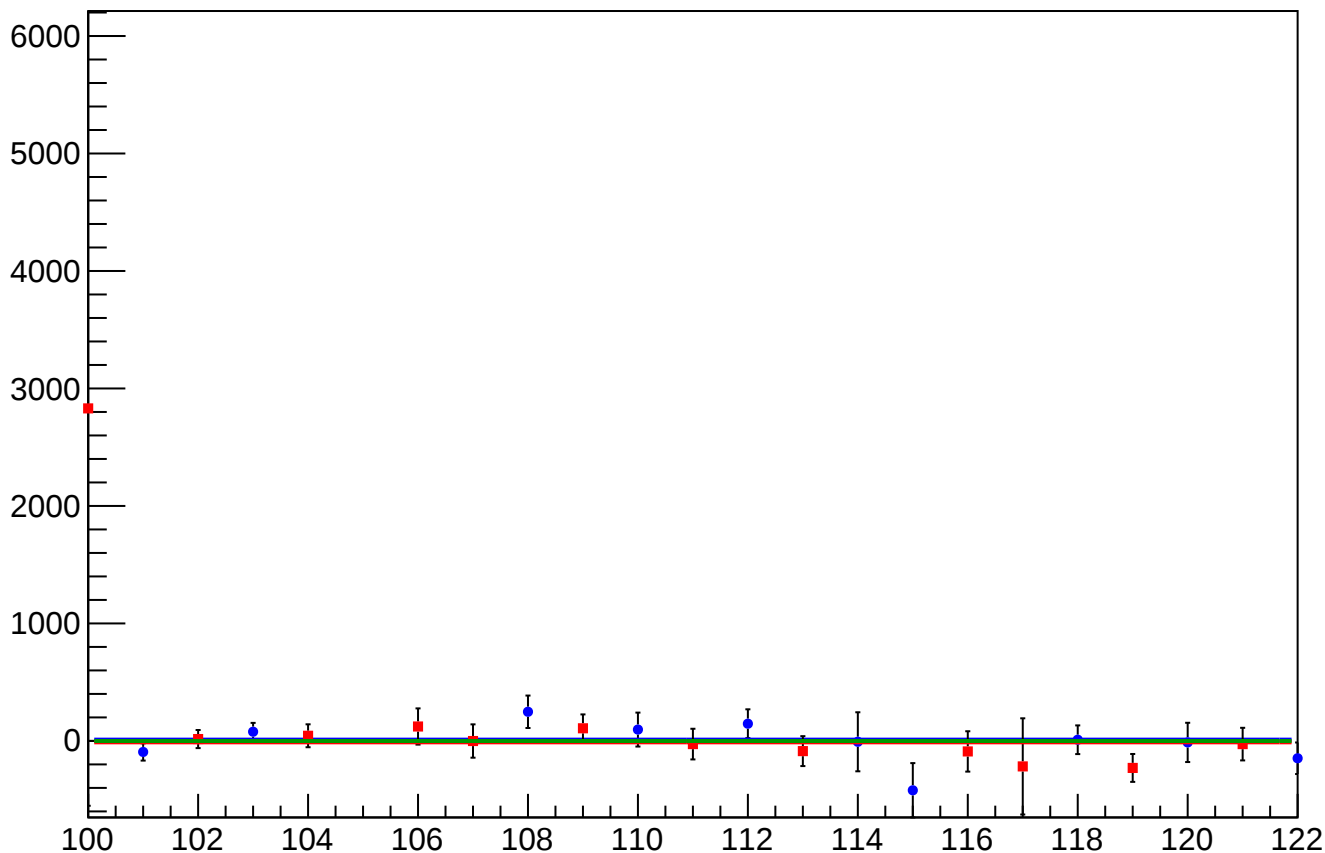
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

70.991 $\pm$ 0.026 χ^2 /NDF: 302242.8/9

73.636 $\pm$ 0.019 χ^2 /NDF: 665639.8/21

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

reg_asym_ds_dd_mean vs Slug, Sign Corrected



Right In: 10.808+/-37.227 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

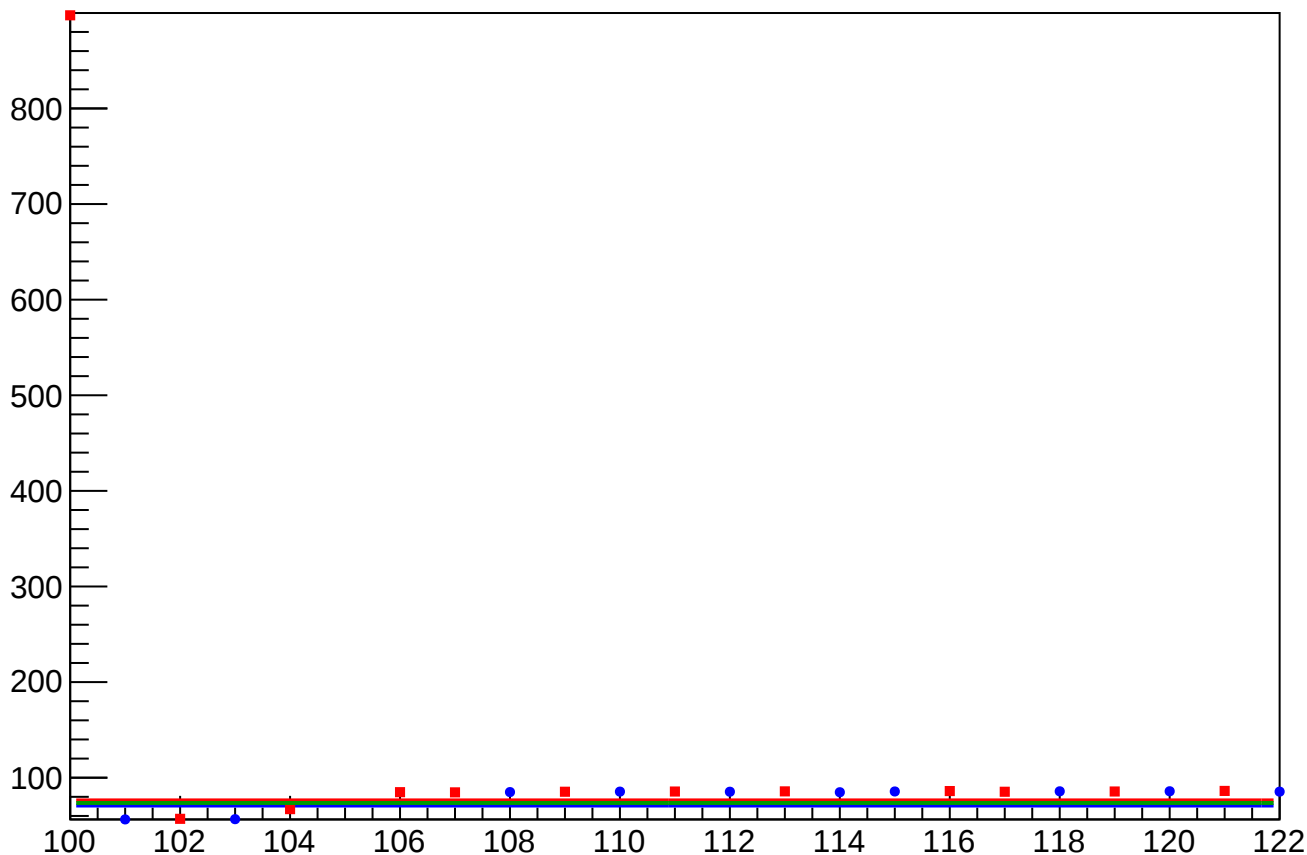
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.808+/-37.227 χ^2/NDF : 12.3/9

-0.602+/-26.335 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: 70.929+/-0.026 χ^2/NDF : 302006.8/9

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

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

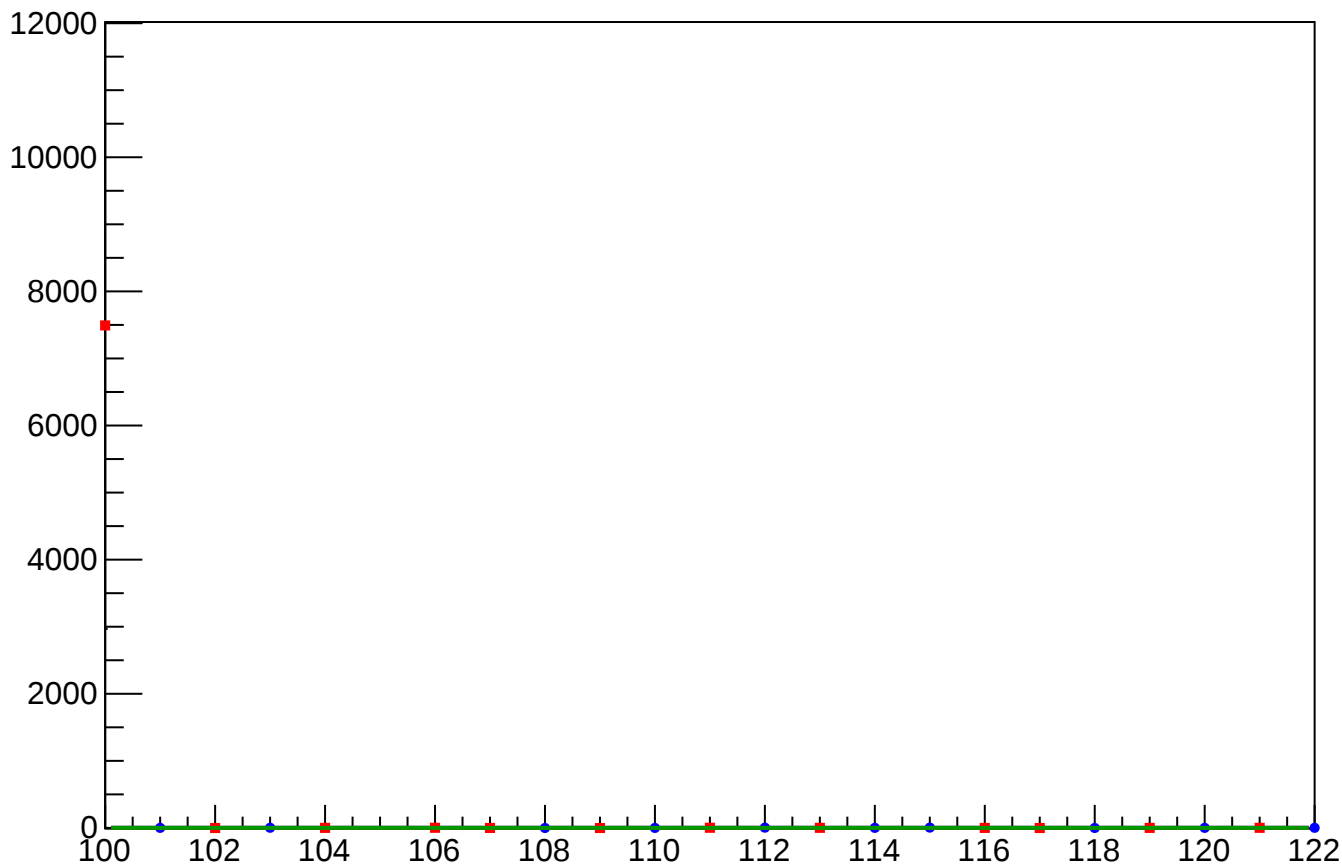
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

70.929+/-0.026 χ^2/NDF : 302006.8/9

73.584+/-0.019 χ^2/NDF : 659084.2/21

76.243+/-0.026 χ^2/NDF : 336716.2/11

asym_ds_dd_correction_mean vs Slug, Sign Corrected



Right In: 1.310+/-0.651 χ^2/NDF : 5.7/9

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

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

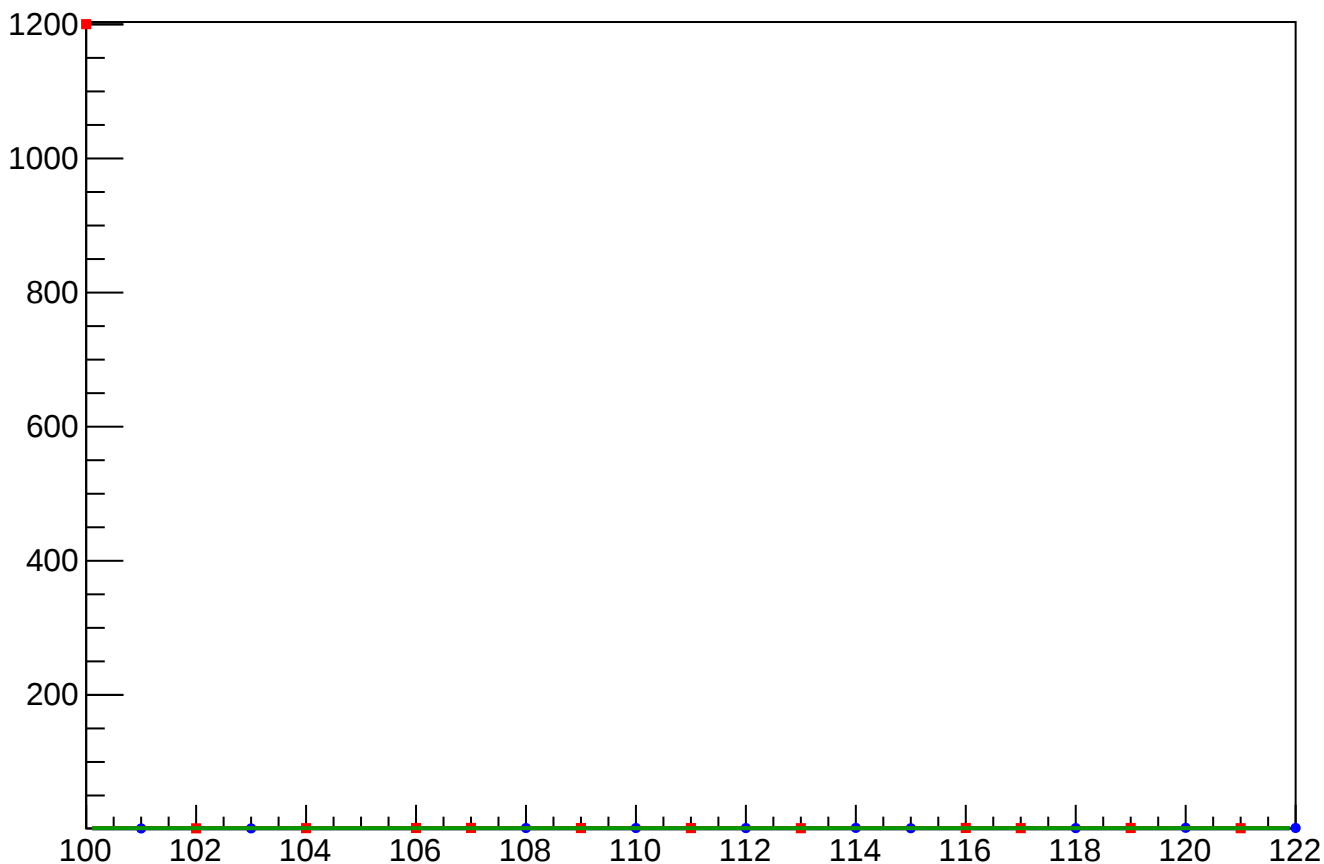
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.310+/-0.651 χ^2/NDF : 5.7/9

0.884+/-0.473 χ^2/NDF : 13.4/21

0.409+/-0.687 χ^2/NDF : 6.8/11

asym_ds_dd_correction_rms vs Slug, Sign Corrected



Right In: 1.138 $\pm$ 0.000 χ^2 /NDF: 451215.8/9

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

Right Out: 1.320 $\pm$ 0.000 χ^2 /NDF: 300329.9/11

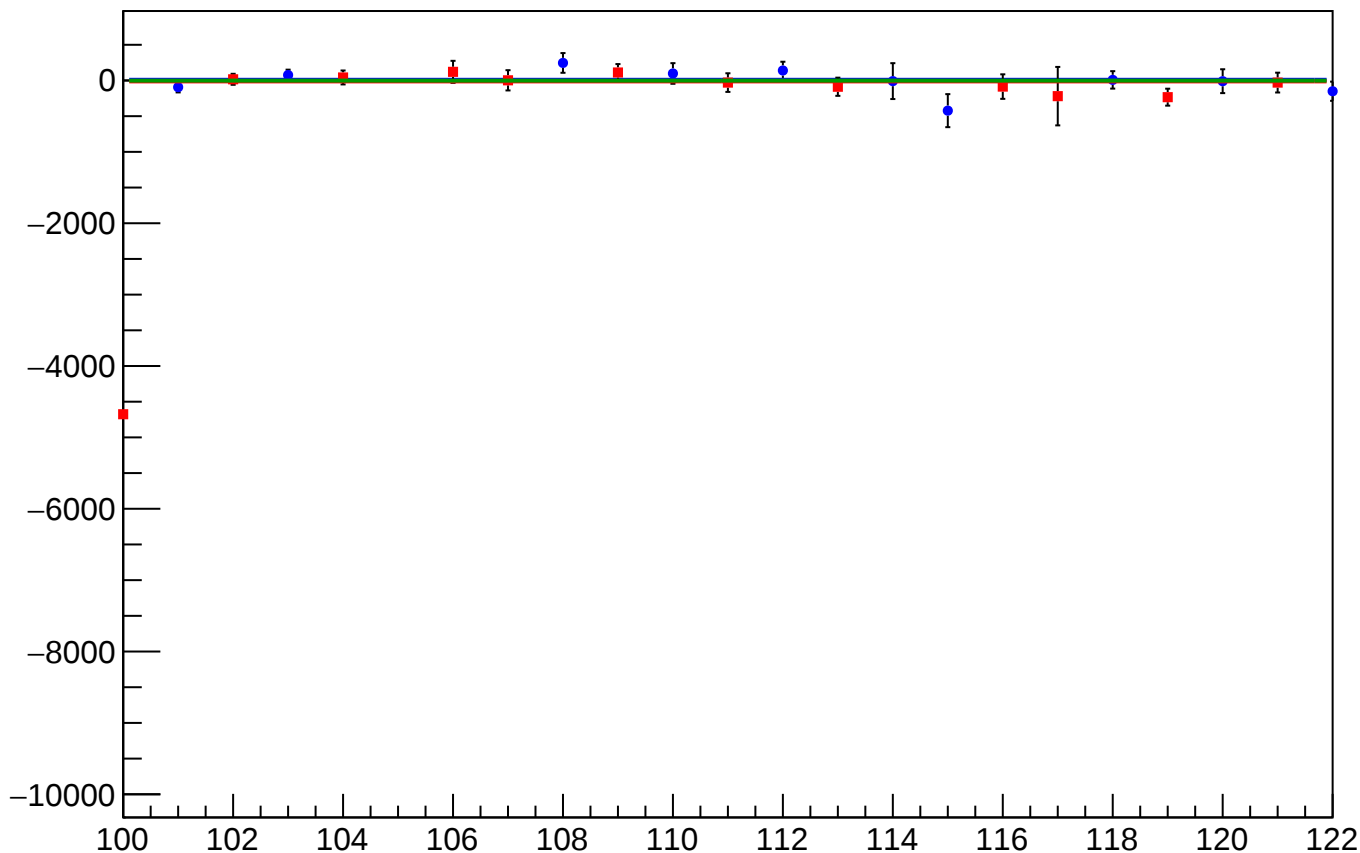
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.138 $\pm$ 0.000 χ^2 /NDF: 451215.8/9

1.224 $\pm$ 0.000 χ^2 /NDF: 825598.2/21

1.320 $\pm$ 0.000 χ^2 /NDF: 300329.9/11

asym_ds_dd_mean vs Slug, Sign Corrected



Right In: 9.487 ± 37.237 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

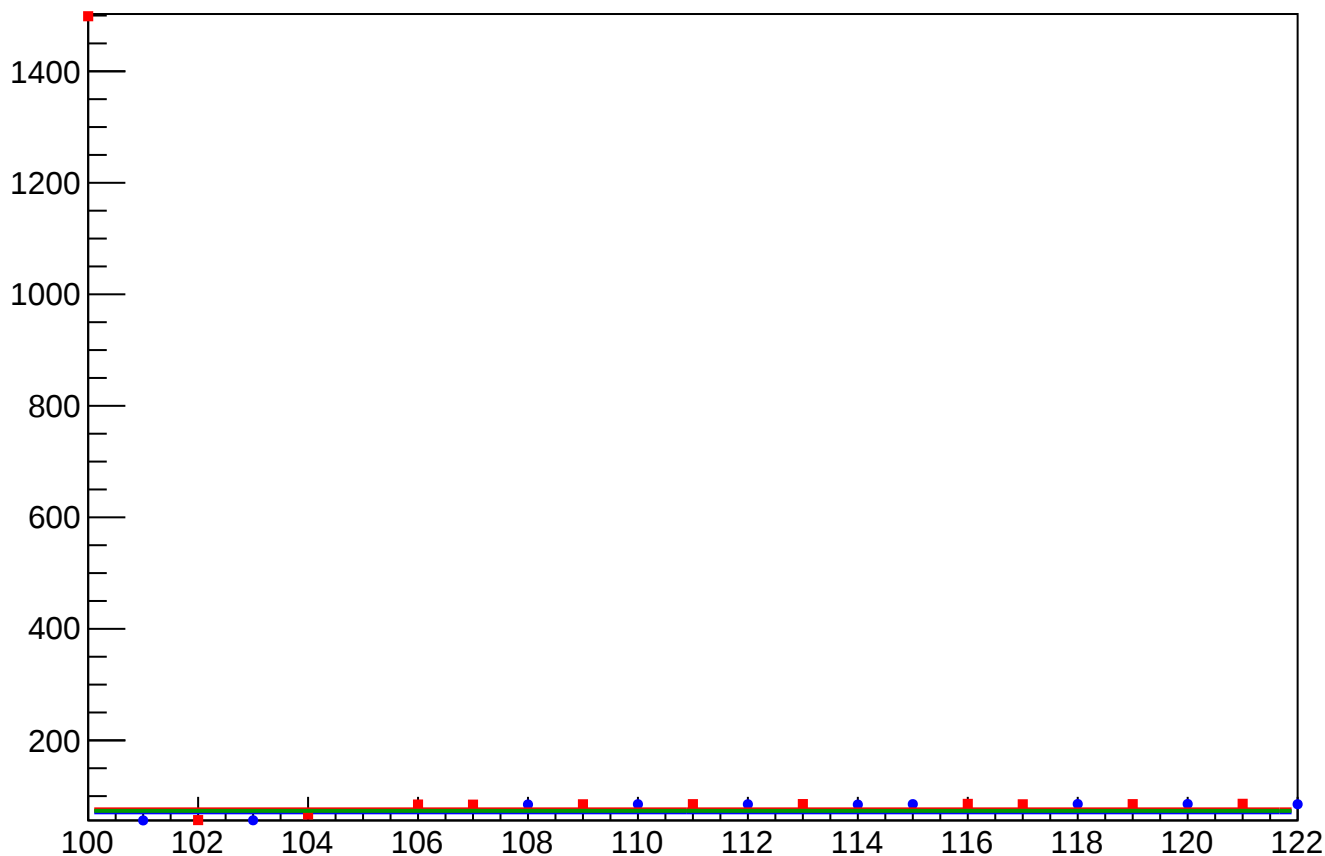
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

9.487 ± 37.237 χ^2/NDF : 12.1/9

-1.616 ± 26.342 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: 70.947+/-0.026 χ^2 /NDF: 302016.5/9

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

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

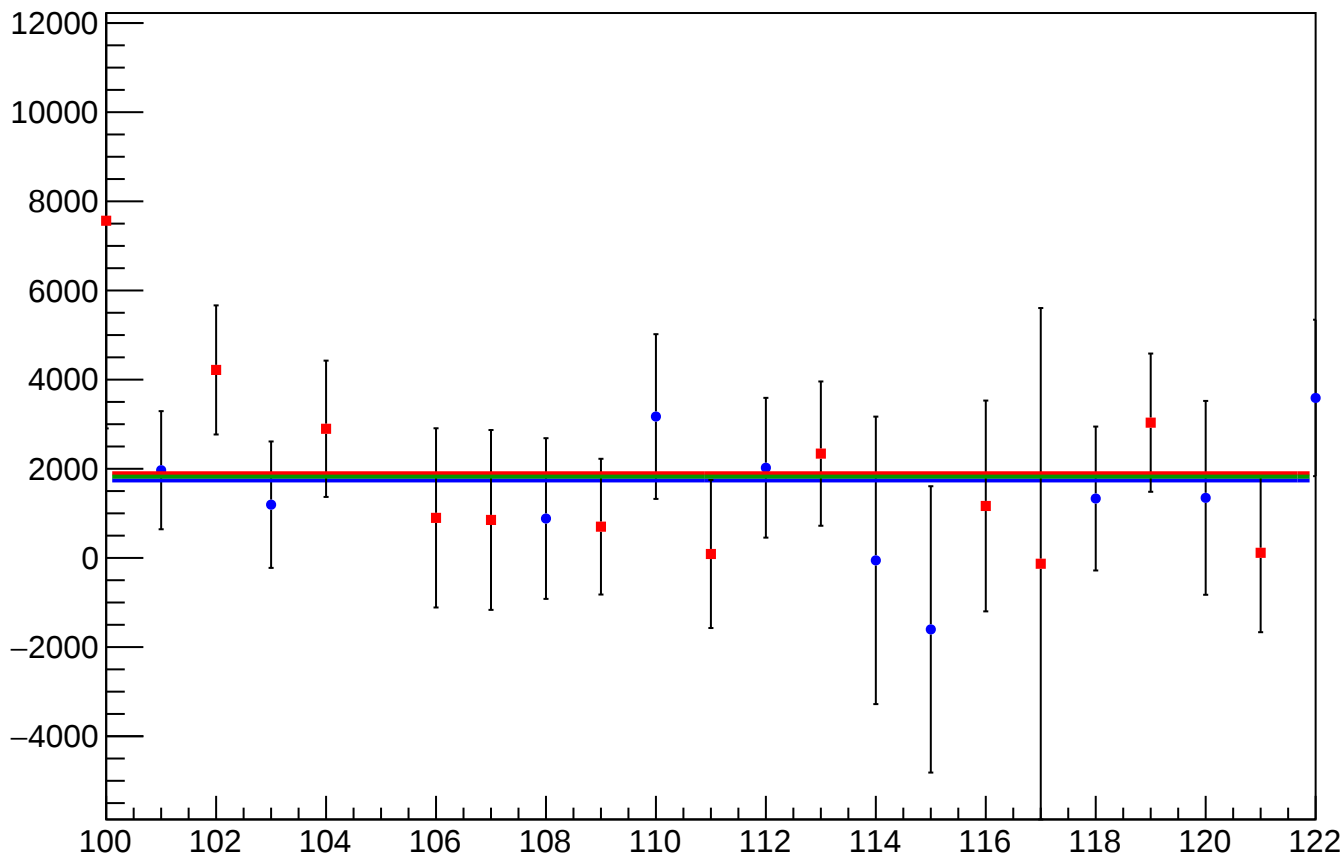
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

70.947+/-0.026 χ^2 /NDF: 302016.5/9

73.584+/-0.019 χ^2 /NDF: 667731.7/21

76.226+/-0.026 χ^2 /NDF: 345636.5/11

reg_asym_usl_mean vs Slug, Sign Corrected



Right In: 1738.404+/-560.120 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

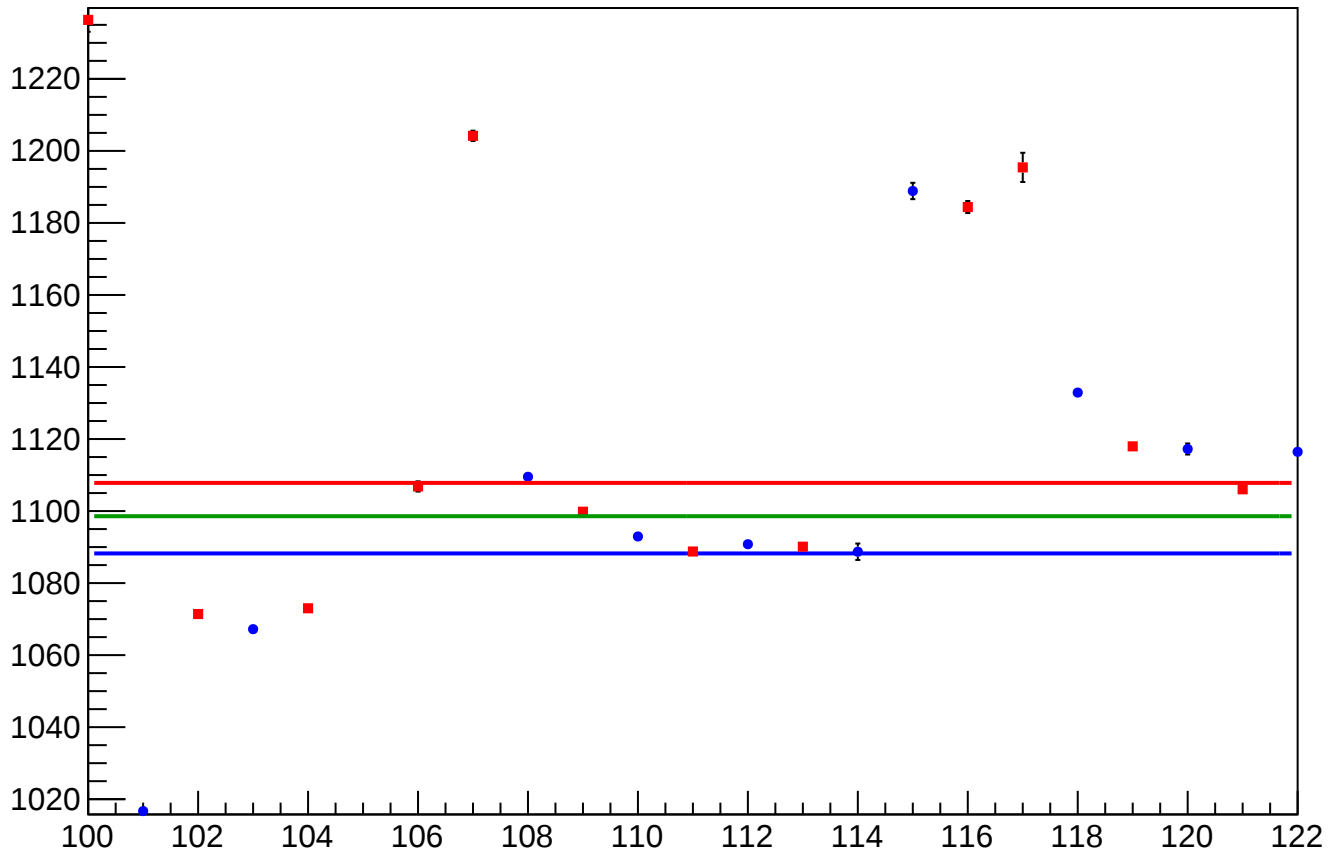
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1738.404+/-560.120 χ^2/NDF : 3.6/9

1823.361+/-384.978 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: 1088.236 $\pm$ 0.396 χ^2 /NDF: 10934.7/9

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

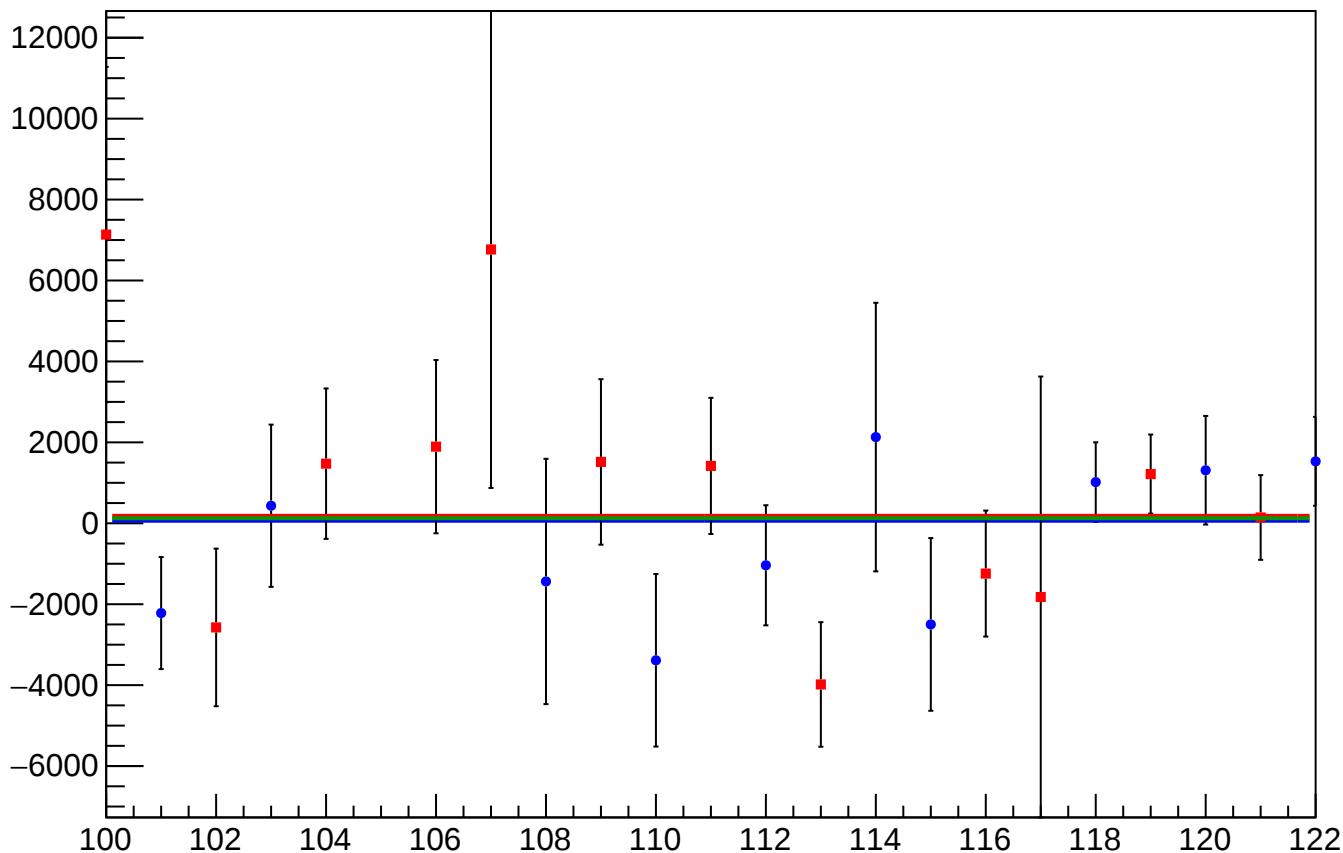
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1088.236 $\pm$ 0.396 χ^2 /NDF: 10934.7/9

1098.569 $\pm$ 0.272 χ^2 /NDF: 23823.5/21

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

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: 63.380+/-483.316 χ^2/NDF : 11.6/9

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

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

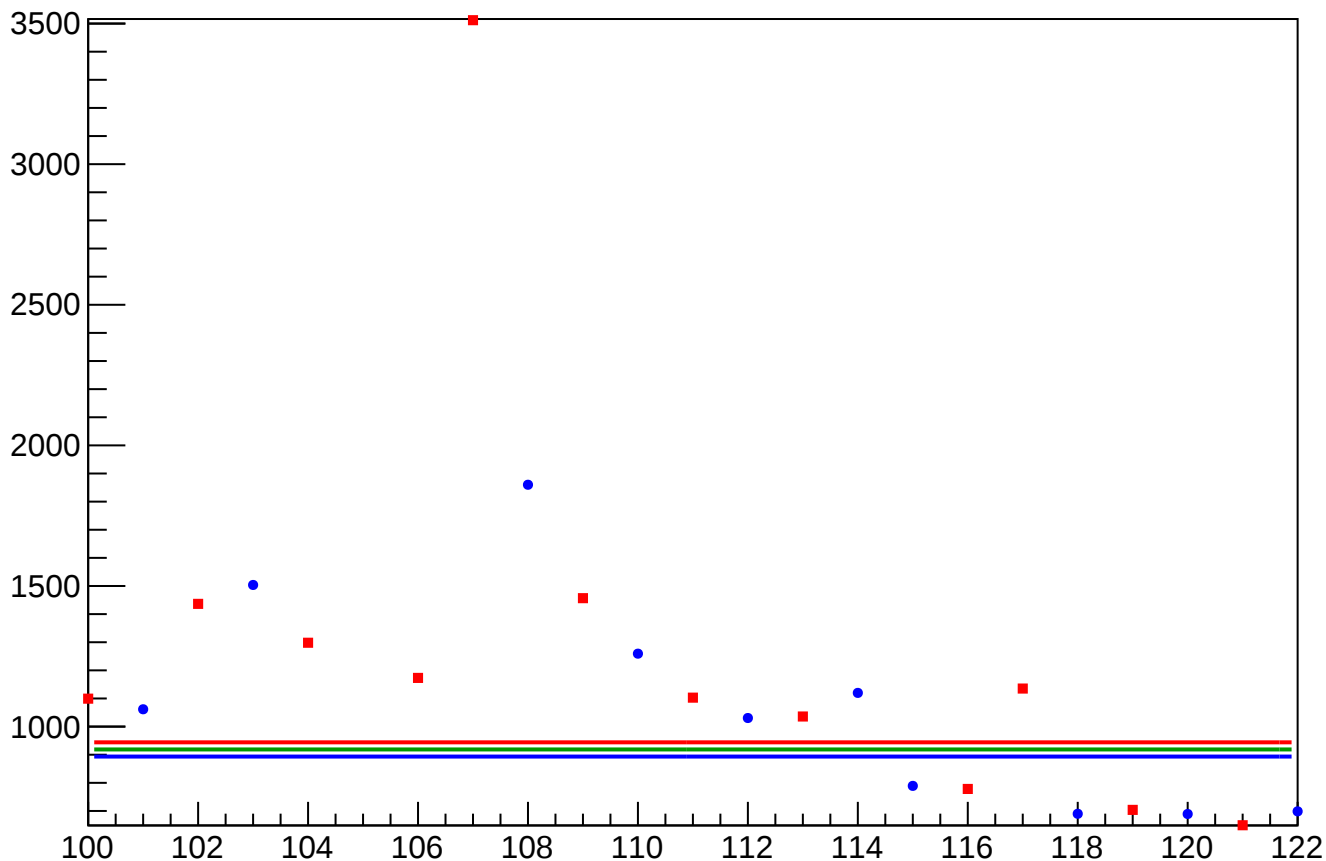
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

63.380+/-483.316 χ^2/NDF : 11.6/9

123.517+/-341.786 χ^2/NDF : 29.2/21

183.674+/-483.402 χ^2/NDF : 17.6/11

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 893.453+/-0.342 χ^2/NDF : 703064.3/9

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

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

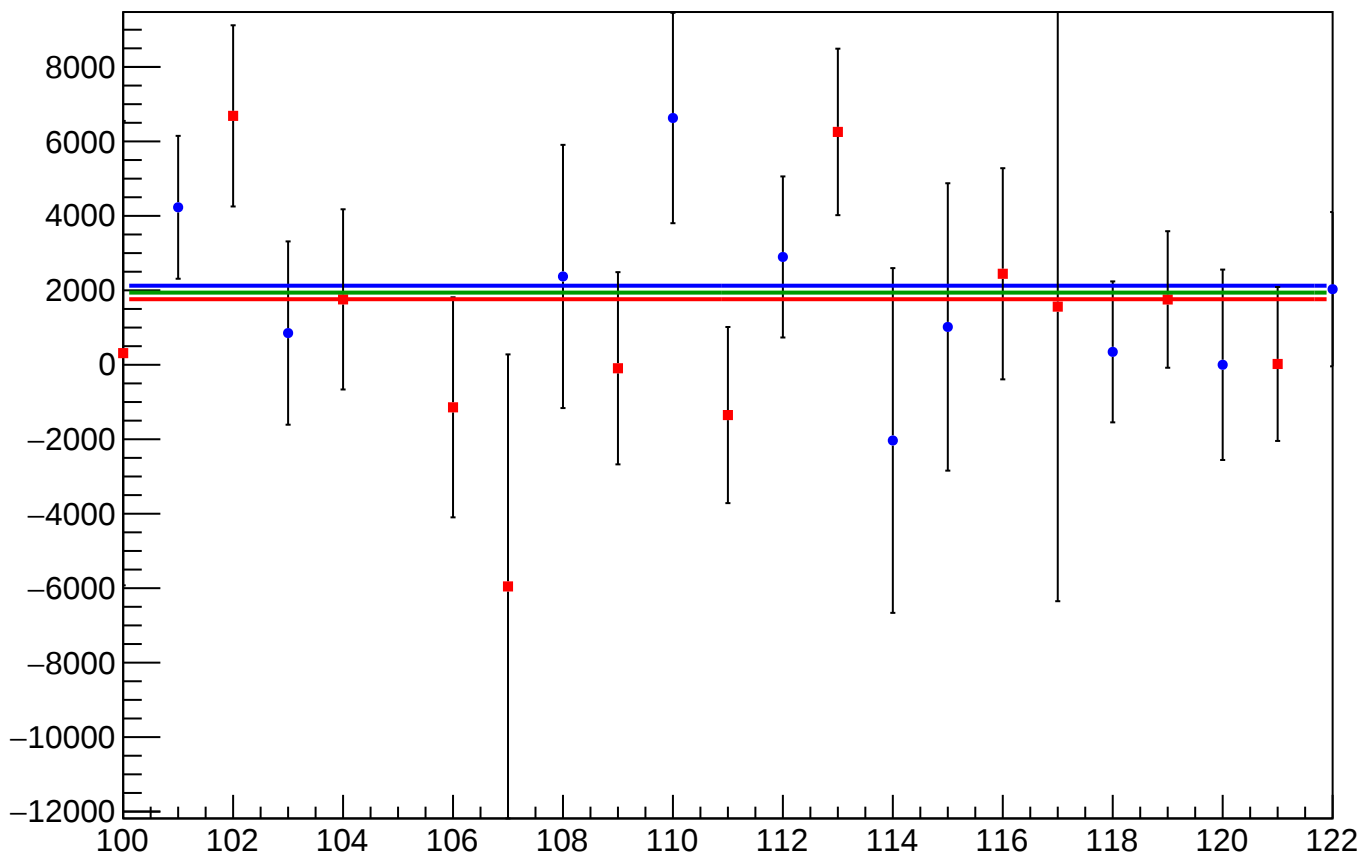
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

893.453+/-0.342 χ^2/NDF : 703064.3/9

918.751+/-0.242 χ^2/NDF : 1775389.6/21

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

asym_usl_mean vs Slug, Sign Corrected



Right In: 2124.418 $\pm$ 782.246 χ^2 /NDF: 6.6/9

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

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

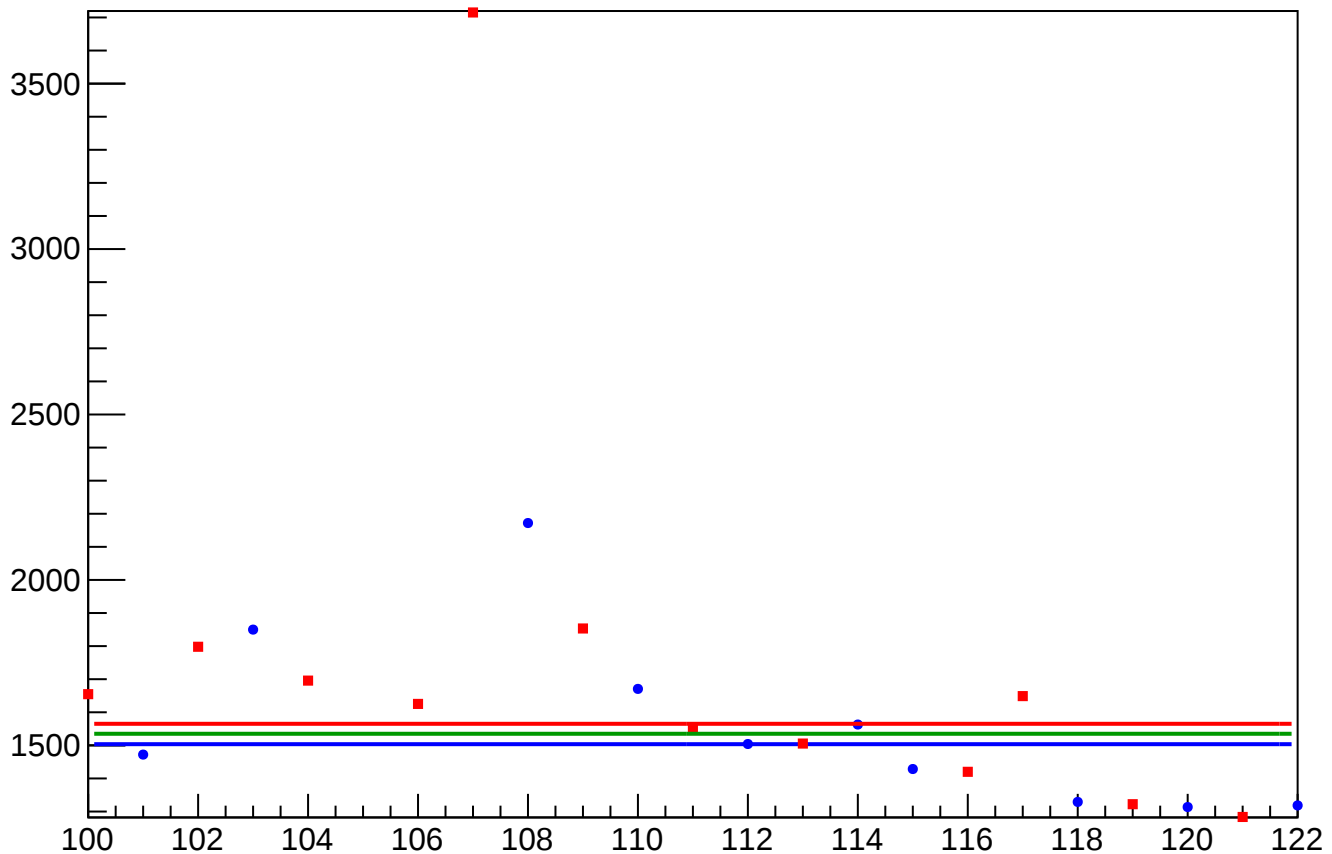
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2124.418 $\pm$ 782.246 χ^2 /NDF: 6.6/9

1939.030 $\pm$ 547.148 χ^2 /NDF: 20.4/21

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

asym_usl_rms vs Slug, Sign Corrected



Right In: 1503.583+/-0.553 χ^2/NDF : 163698.8/9

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

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

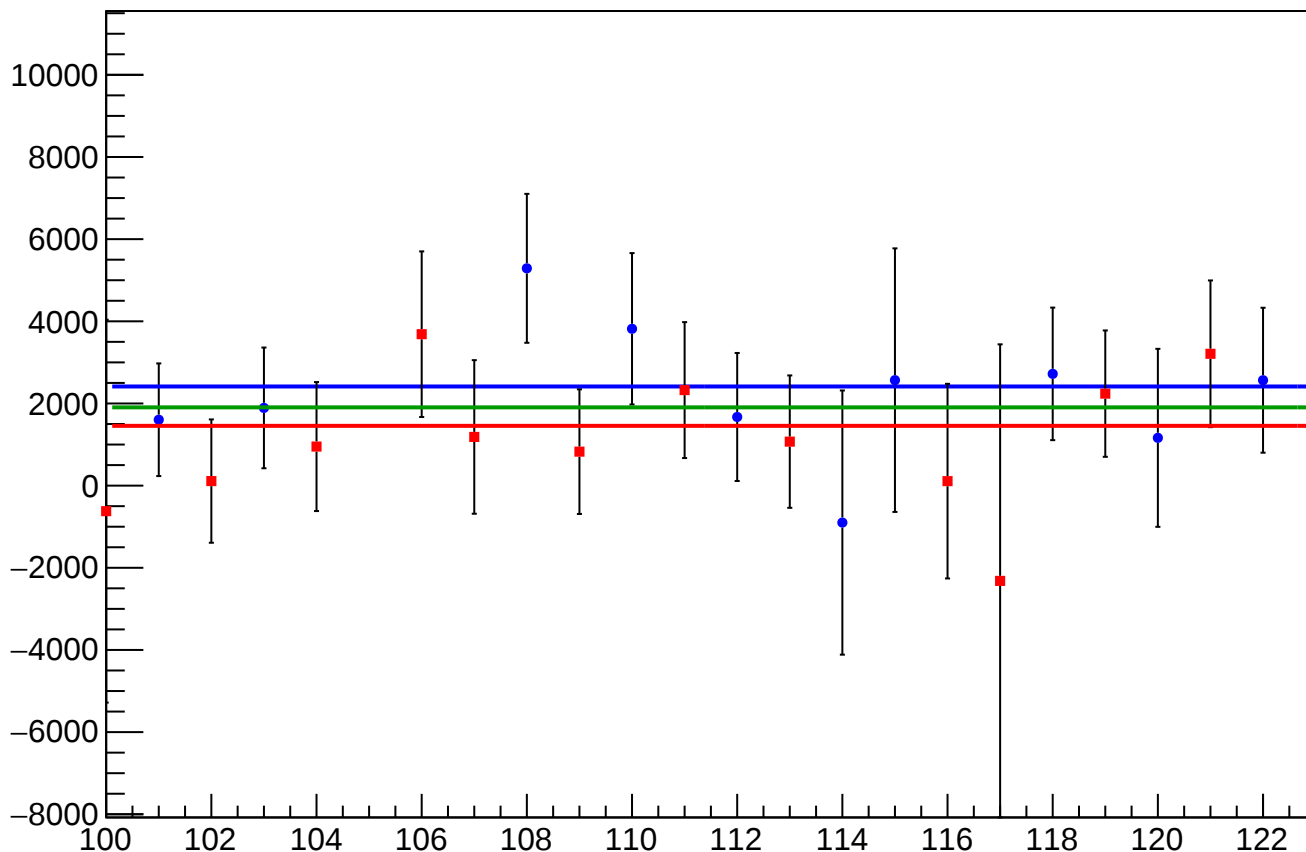
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1503.583+/-0.553 χ^2/NDF : 163698.8/9

1535.046+/-0.387 χ^2/NDF : 537498.9/21

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

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 2413.613 $\pm$ 563.683 χ^2 /NDF: 5.5/10

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

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

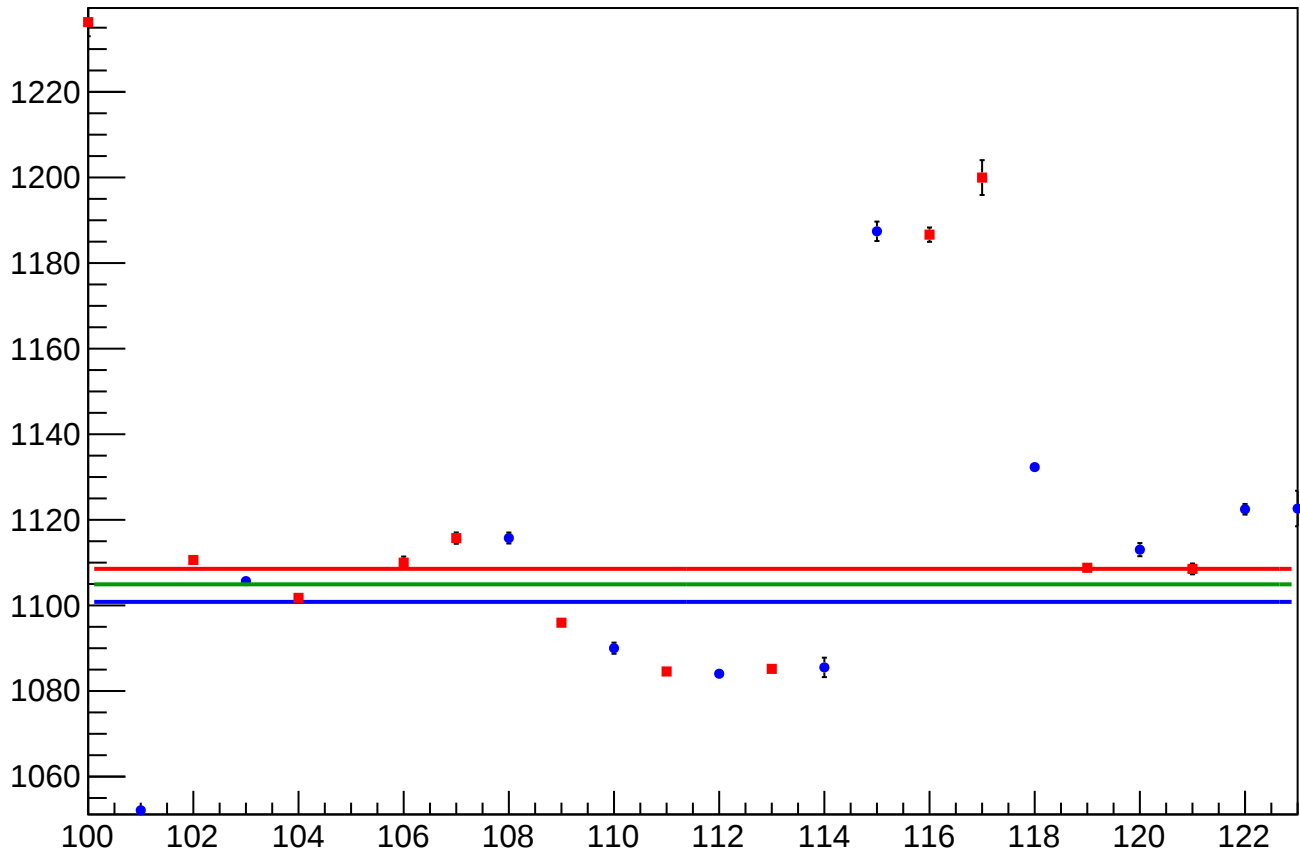
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2413.613 $\pm$ 563.683 χ^2 /NDF: 5.5/10

1905.163 $\pm$ 386.188 χ^2 /NDF: 11.9/22

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

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1100.829+/-0.399 χ^2/NDF : 5638.8/10

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

Right Out: 1108.550+/-0.375 χ^2/NDF : 5231.2/11

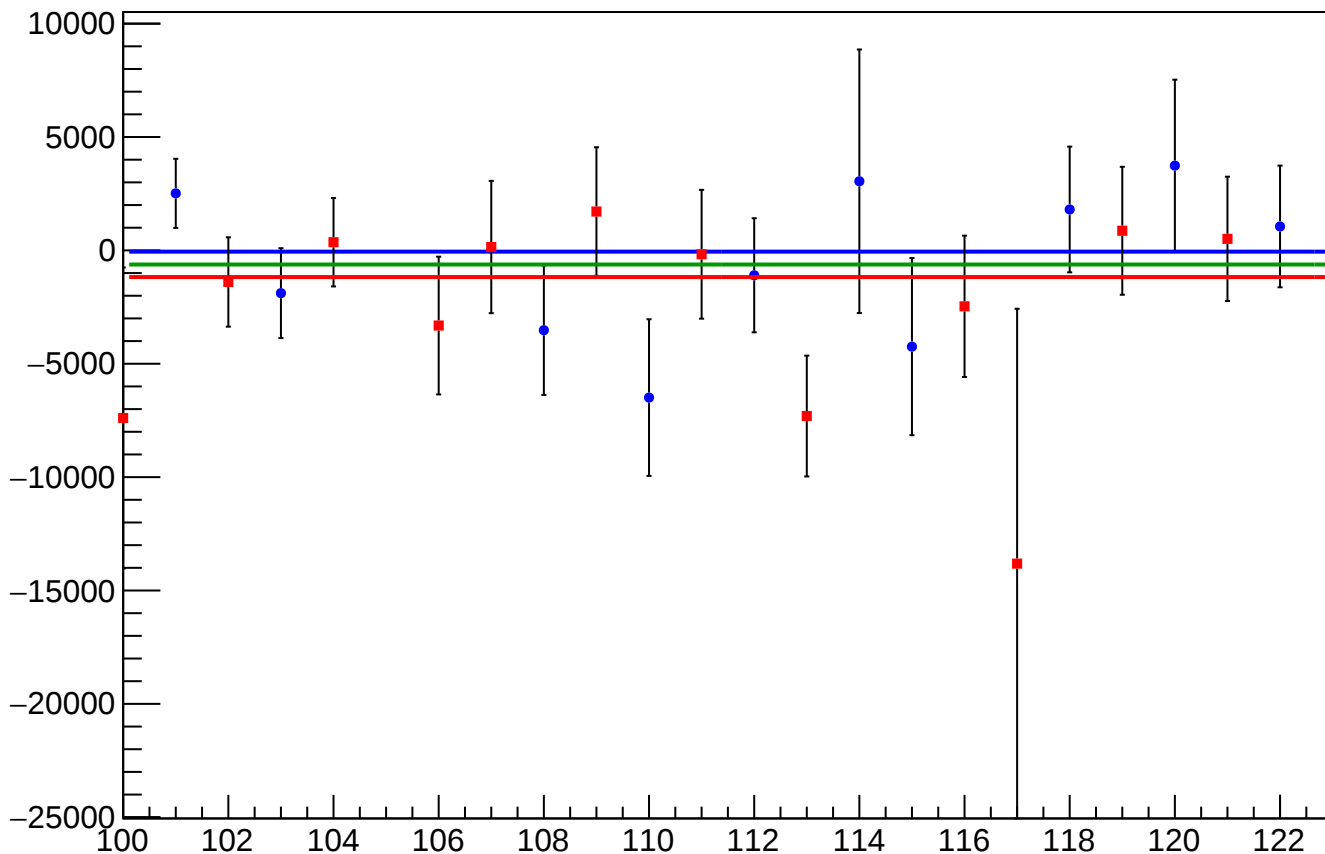
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1100.829+/-0.399 χ^2/NDF : 5638.8/10

1104.926+/-0.273 χ^2/NDF : 11069.2/22

1108.550+/-0.375 χ^2/NDF : 5231.2/11

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -55.705+/-818.111 χ^2/NDF : 11.9/10

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

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

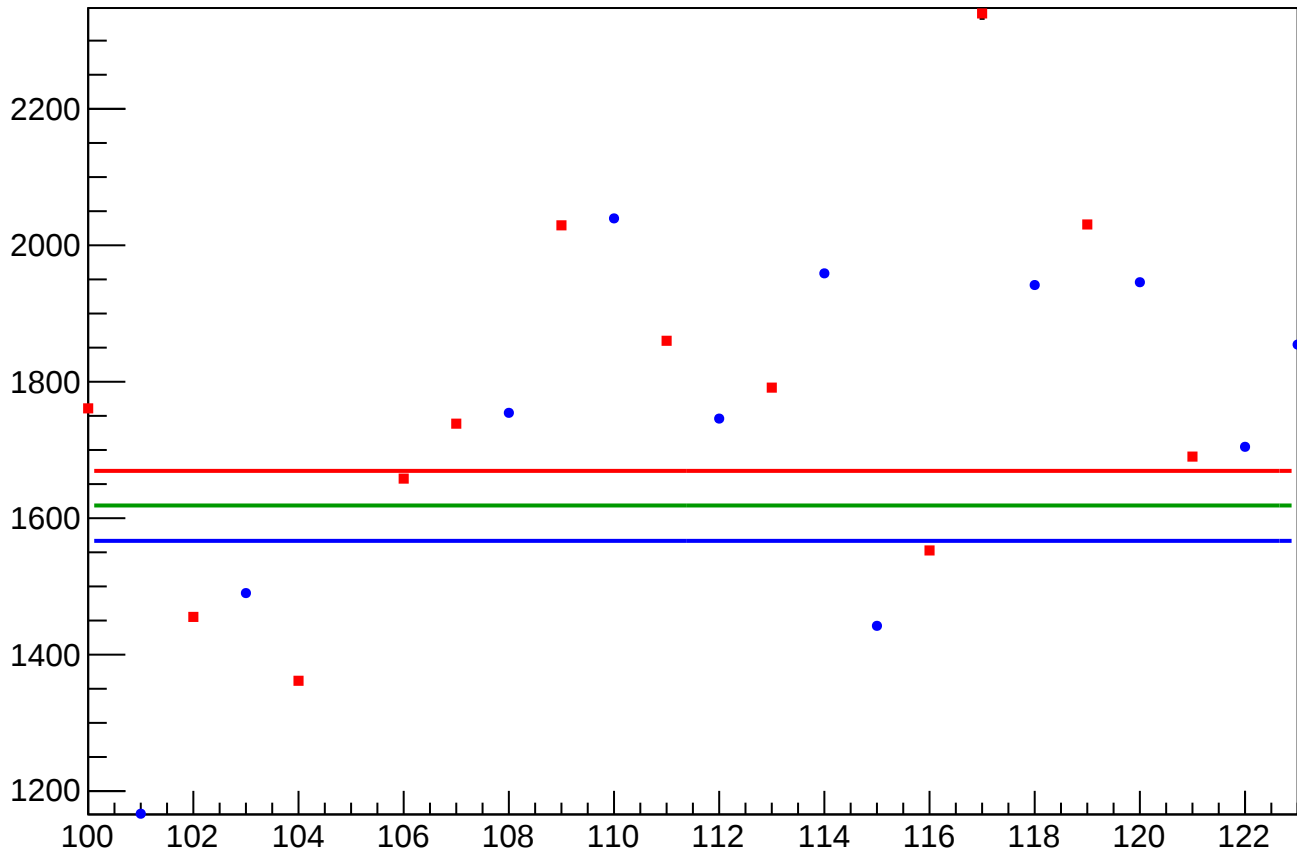
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-55.705+/-818.111 χ^2/NDF : 11.9/10

-622.311+/-575.245 χ^2/NDF : 23.8/22

-1176.372+/-809.003 χ^2/NDF : 11.0/11

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1566.785 $\pm$ 0.578 χ^2 /NDF: 271802.7/10

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

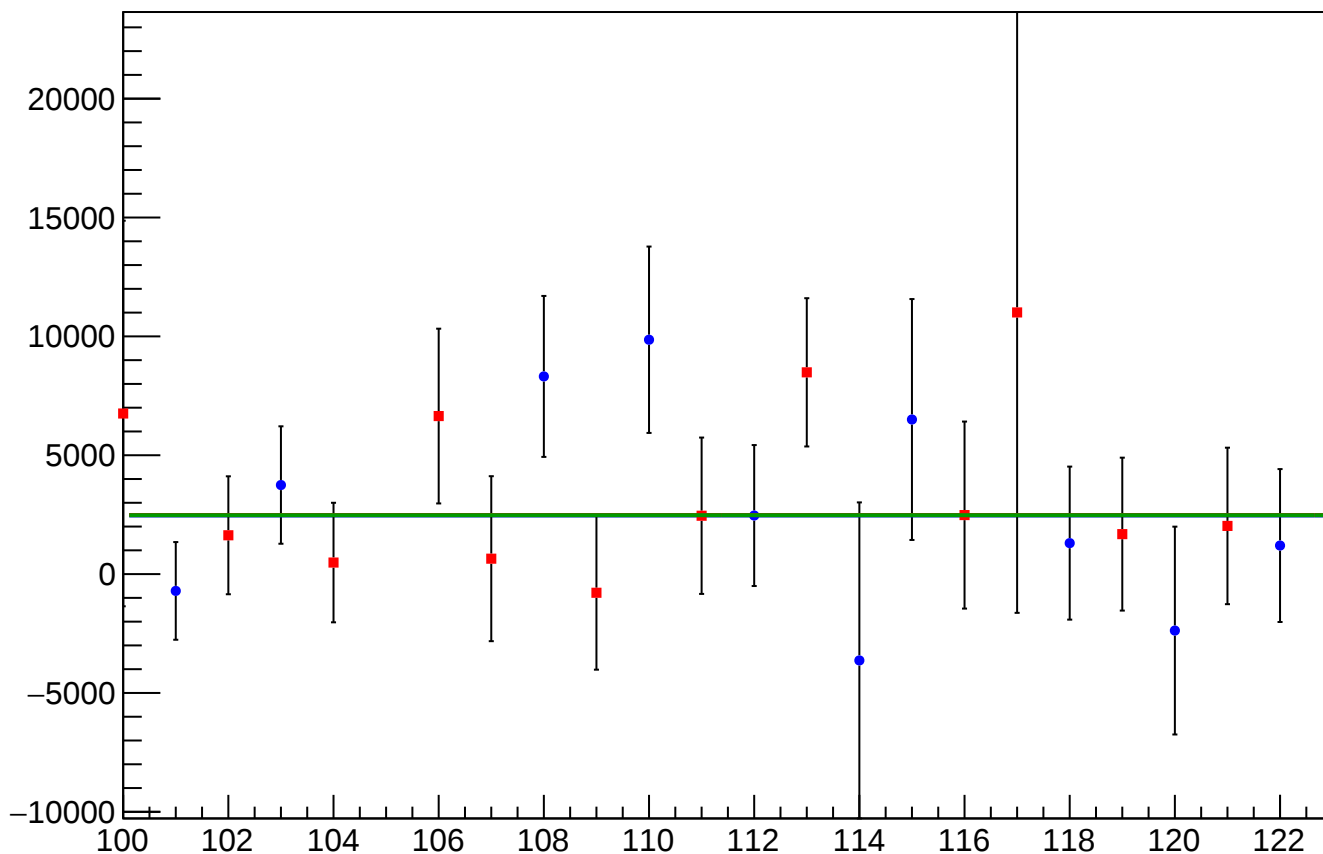
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1566.785 $\pm$ 0.578 χ^2 /NDF: 271802.7/10

1618.648 $\pm$ 0.407 χ^2 /NDF: 450873.1/22

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

asym_usr_mean vs Slug, Sign Corrected



Right In: 2467.982 $\pm$ 1009.295 χ^2 /NDF: 12.2/10

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

Right Out: 2486.218 $\pm$ 978.924 χ^2 /NDF: 7.9/11

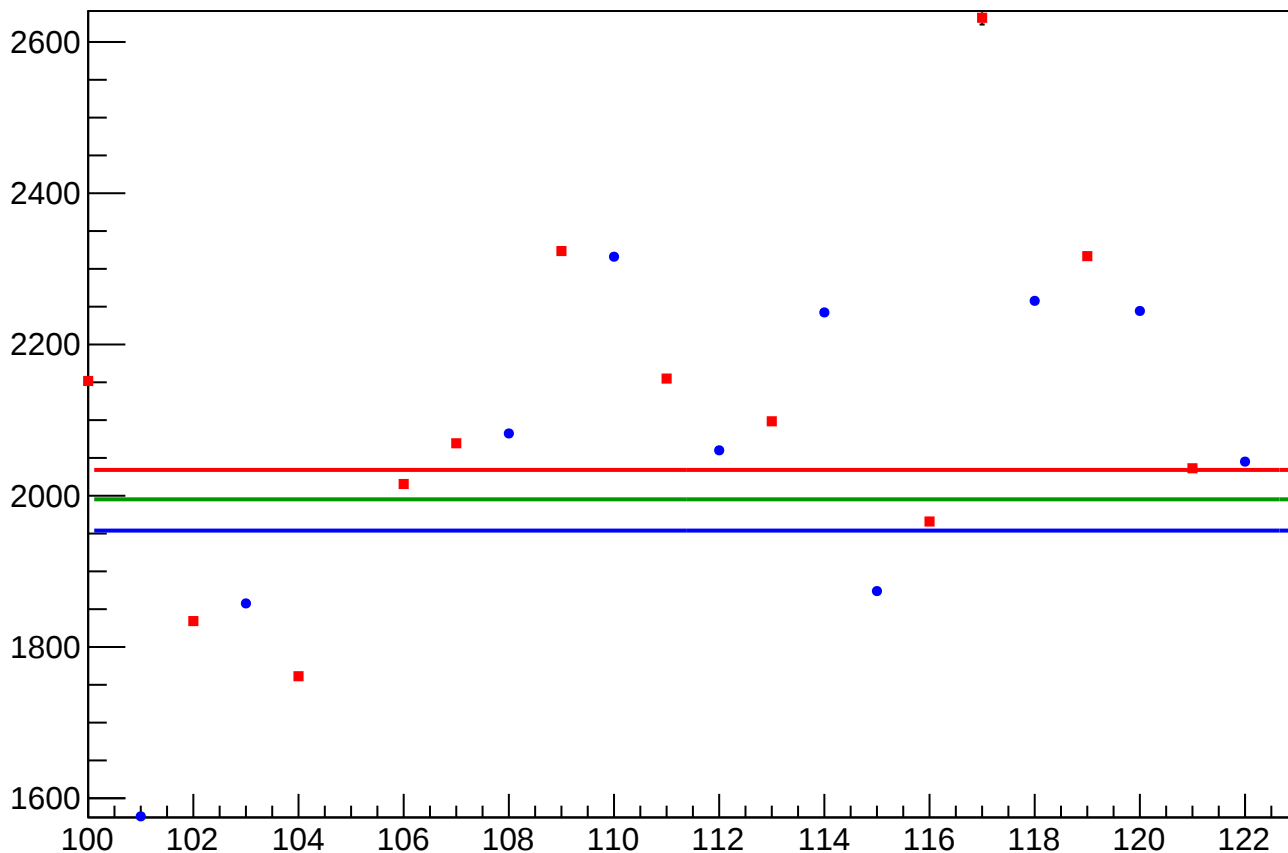
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2467.982 $\pm$ 1009.295 χ^2 /NDF: 12.2/10

2477.378 $\pm$ 702.696 χ^2 /NDF: 20.1/22

2486.218 $\pm$ 978.924 χ^2 /NDF: 7.9/11

asym_usr_rms vs Slug, Sign Corrected



Right In: 1953.920+/-0.714 χ^2/NDF : 126437.4/10

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

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

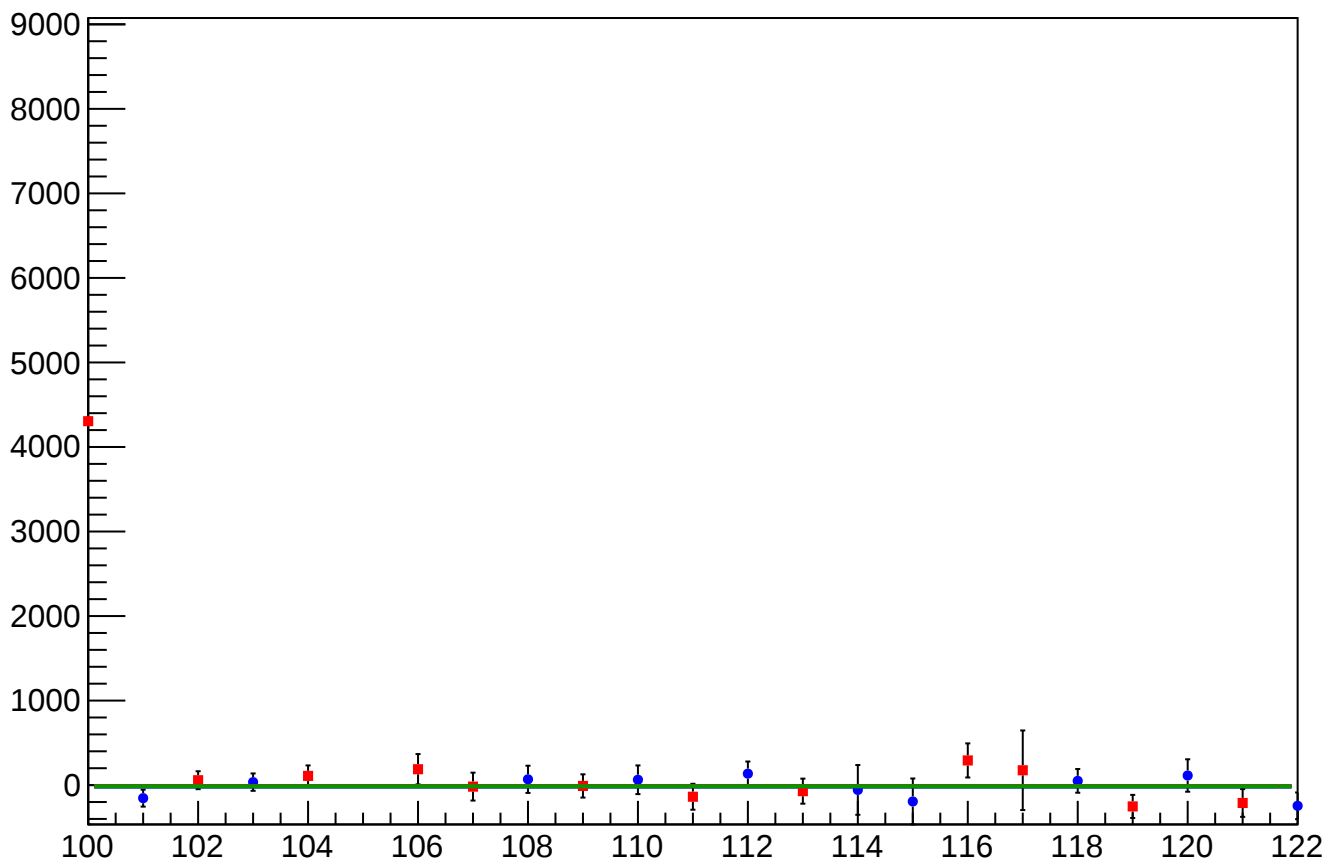
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1953.920+/-0.714 χ^2/NDF : 126437.4/10

1995.257+/-0.497 χ^2/NDF : 210223.4/22

2034.144+/-0.692 χ^2/NDF : 77275.0/11

reg_asym_dsl_mean vs Slug, Sign Corrected



Right In: -17.478+/-46.674 χ^2 /NDF: 7.0/9

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

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

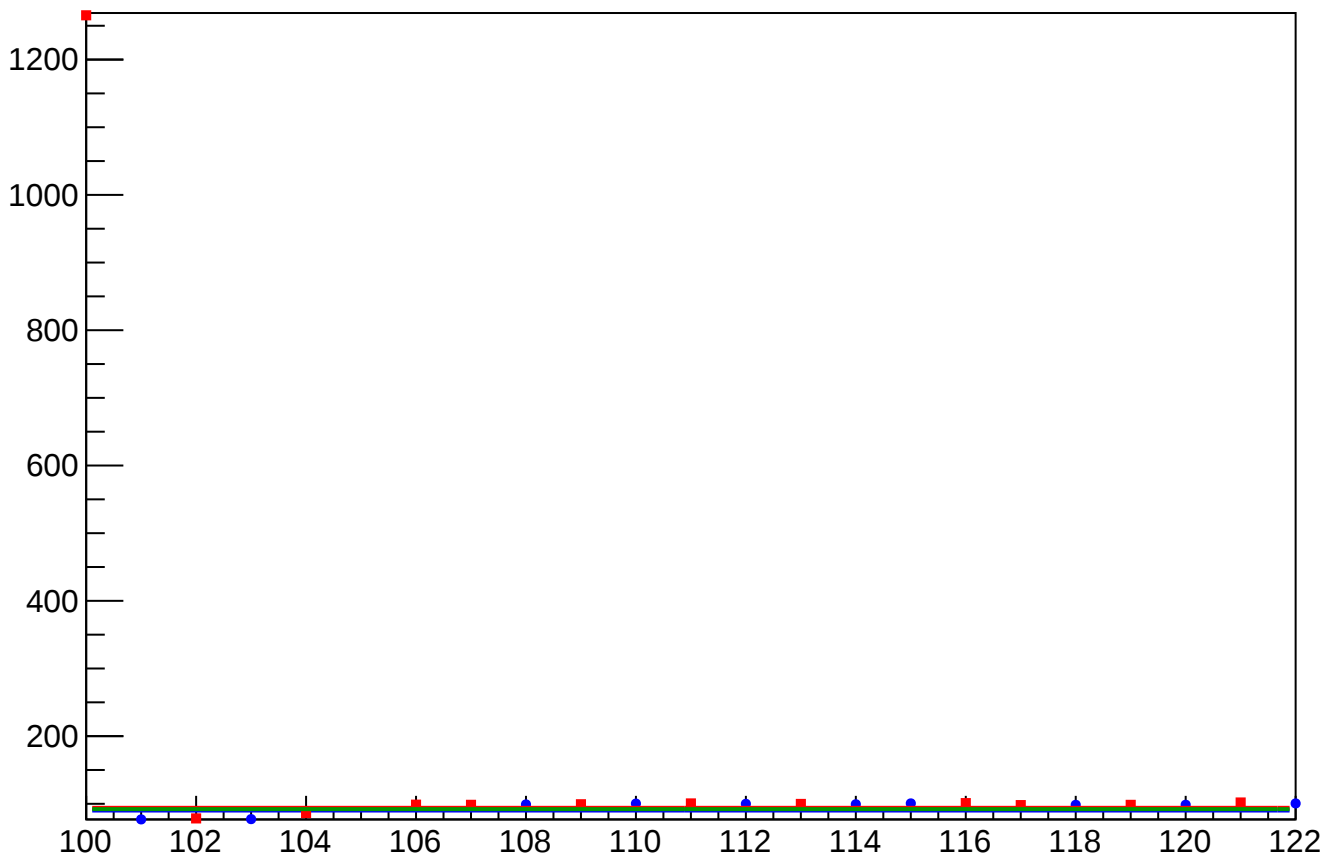
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-17.478+/-46.674 χ^2 /NDF: 7.0/9

-14.173+/-32.587 χ^2 /NDF: 18.3/21

-11.030+/-45.517 χ^2 /NDF: 11.3/11

reg_asym_dsl_rms vs Slug, Sign Corrected



Right In: 90.079+/-0.033 χ^2 /NDF: 112889.0/9

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

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

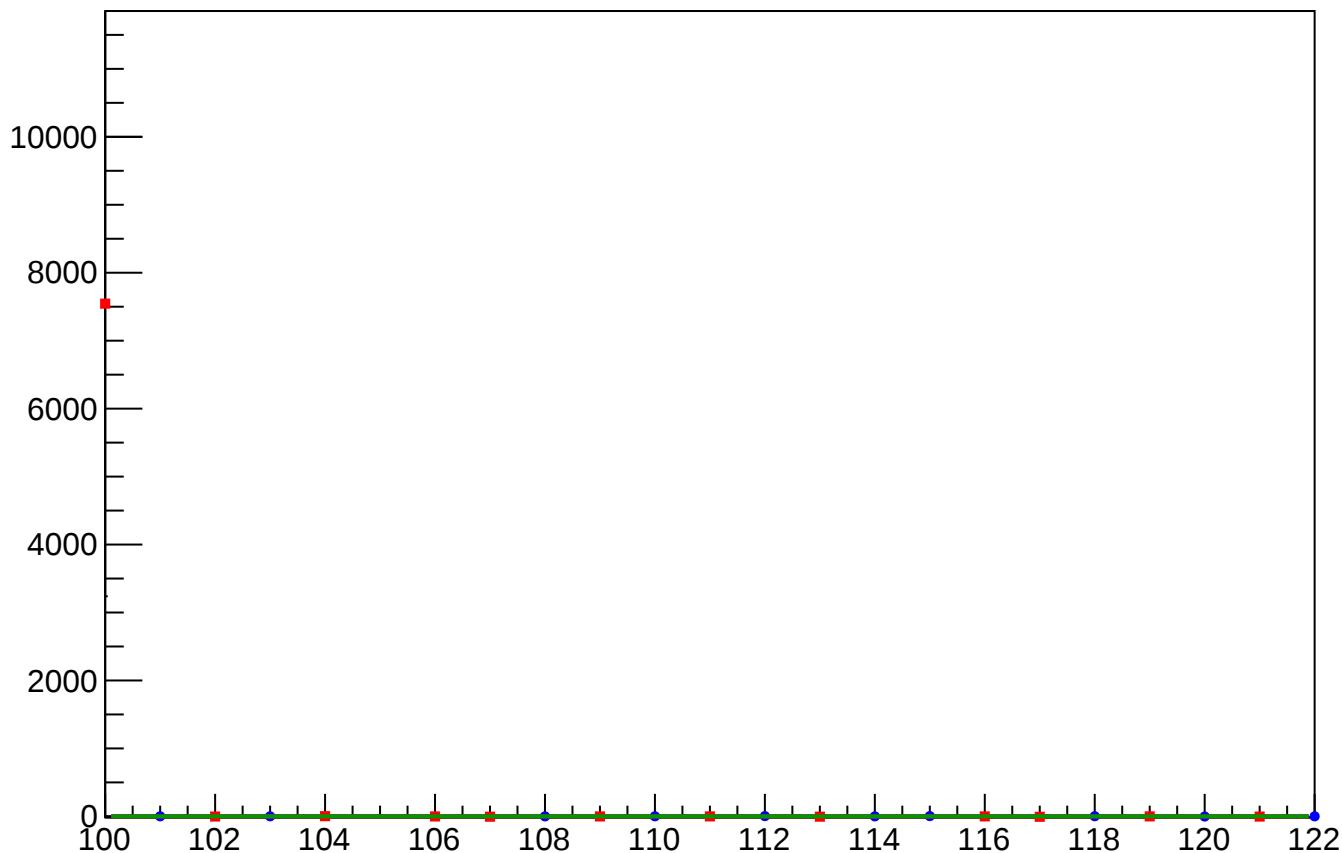
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

90.079+/-0.033 χ^2 /NDF: 112889.0/9

92.124+/-0.023 χ^2 /NDF: 314024.8/21

94.068+/-0.032 χ^2 /NDF: 193648.3/11

asym_dsl_correction_mean vs Slug, Sign Corrected



Right In: 1.143+/-0.752 χ^2/NDF : 3.1/9

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

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

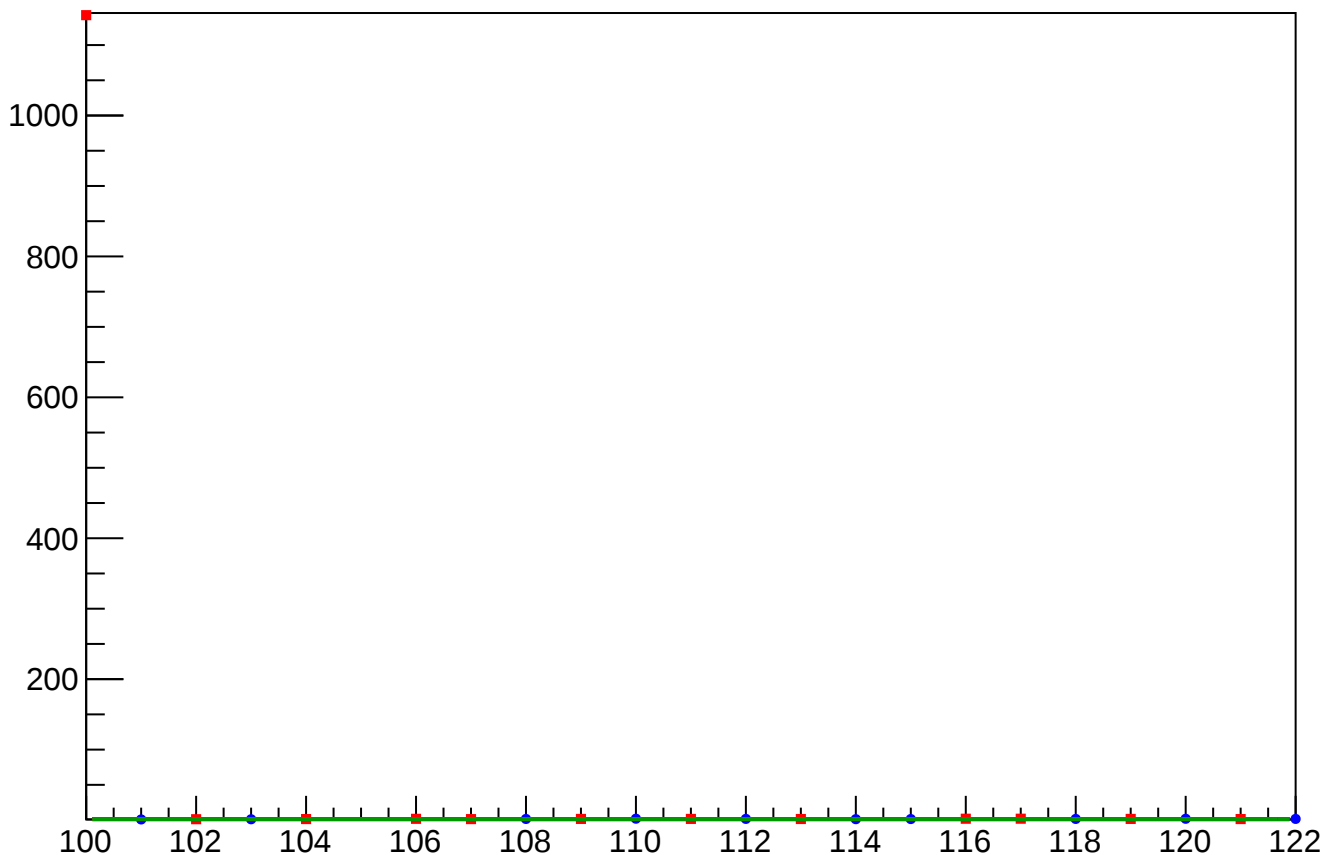
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.143+/-0.752 χ^2/NDF : 3.1/9

-0.005+/-0.544 χ^2/NDF : 19.6/21

-1.264+/-0.787 χ^2/NDF : 11.5/11

asym_dsl_correction_rms vs Slug, Sign Corrected



Right In: 1.291 $\pm$ 0.001 χ^2 /NDF: 456920.0/9

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

Right Out: 1.493 $\pm$ 0.001 χ^2 /NDF: 252569.4/11

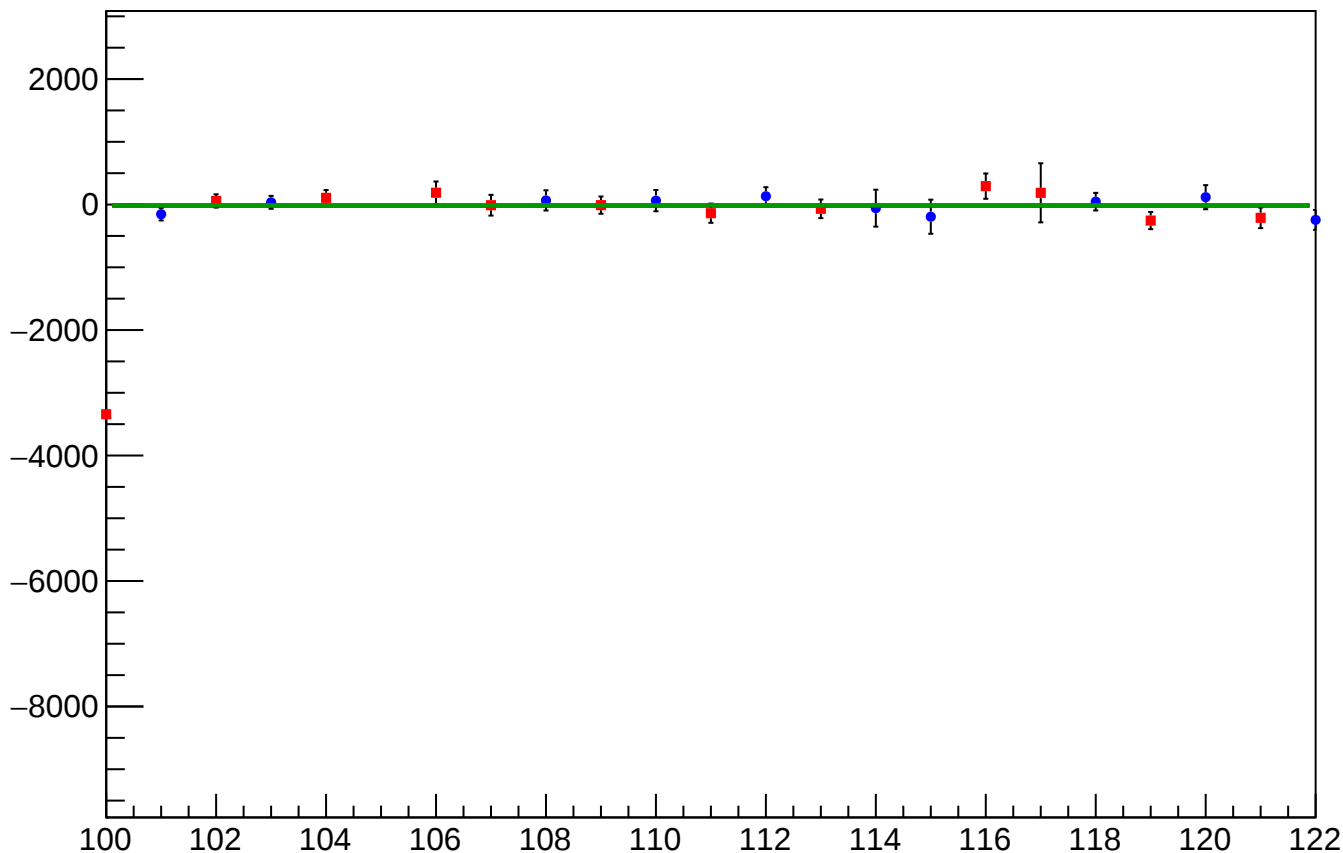
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.291 $\pm$ 0.001 χ^2 /NDF: 456920.0/9

1.388 $\pm$ 0.000 χ^2 /NDF: 778035.9/21

1.493 $\pm$ 0.001 χ^2 /NDF: 252569.4/11

asym_dsl_mean vs Slug, Sign Corrected



Right In: -18.018+/-46.686 χ^2 /NDF: 6.9/9

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

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

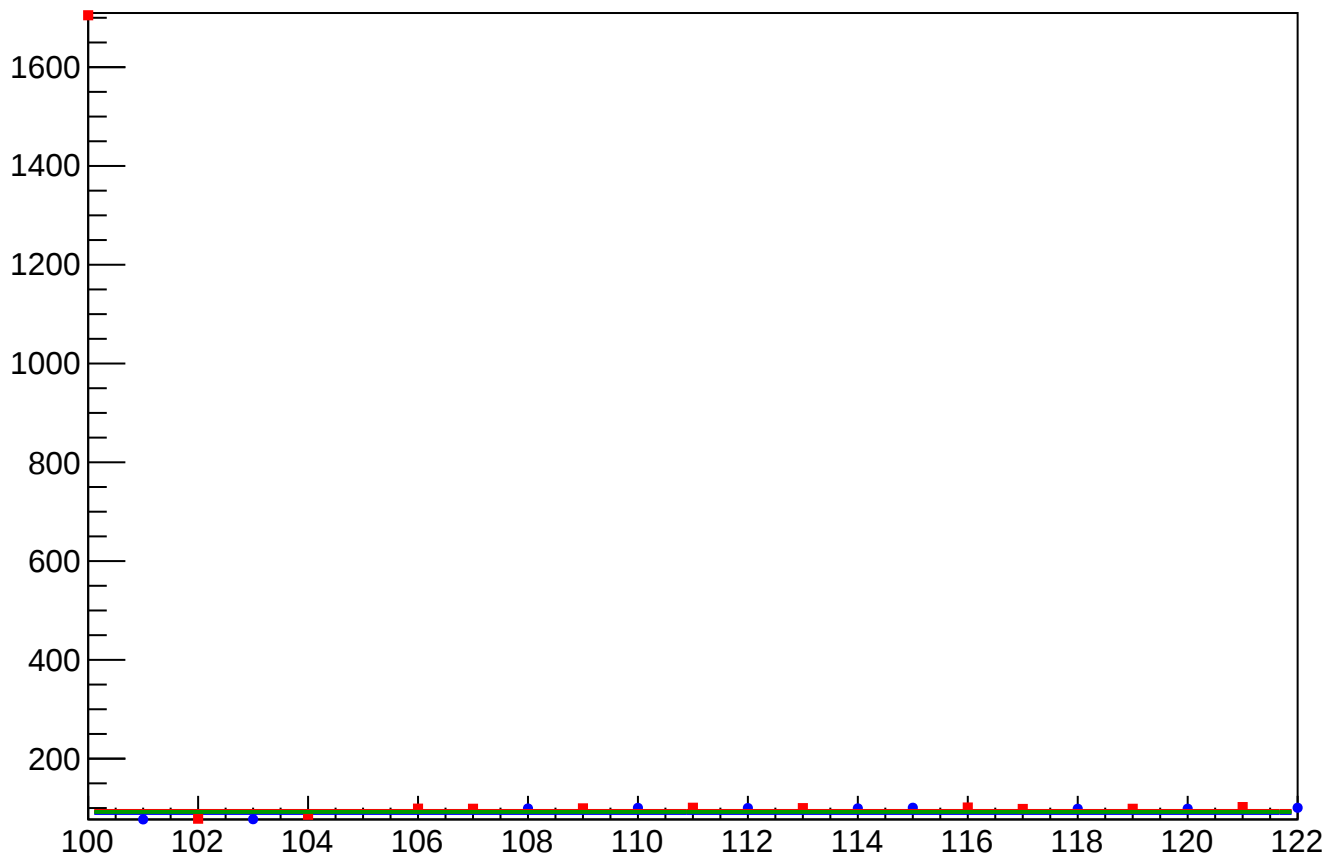
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-18.018+/-46.686 χ^2 /NDF: 6.9/9

-14.565+/-32.595 χ^2 /NDF: 17.7/21

-11.281+/-45.530 χ^2 /NDF: 10.8/11

asym_dsl_rms vs Slug, Sign Corrected



Right In: 90.102 $\pm$ 0.033 χ^2 /NDF: 112898.7/9

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

Right Out: 94.067 $\pm$ 0.032 χ^2 /NDF: 198666.9/11

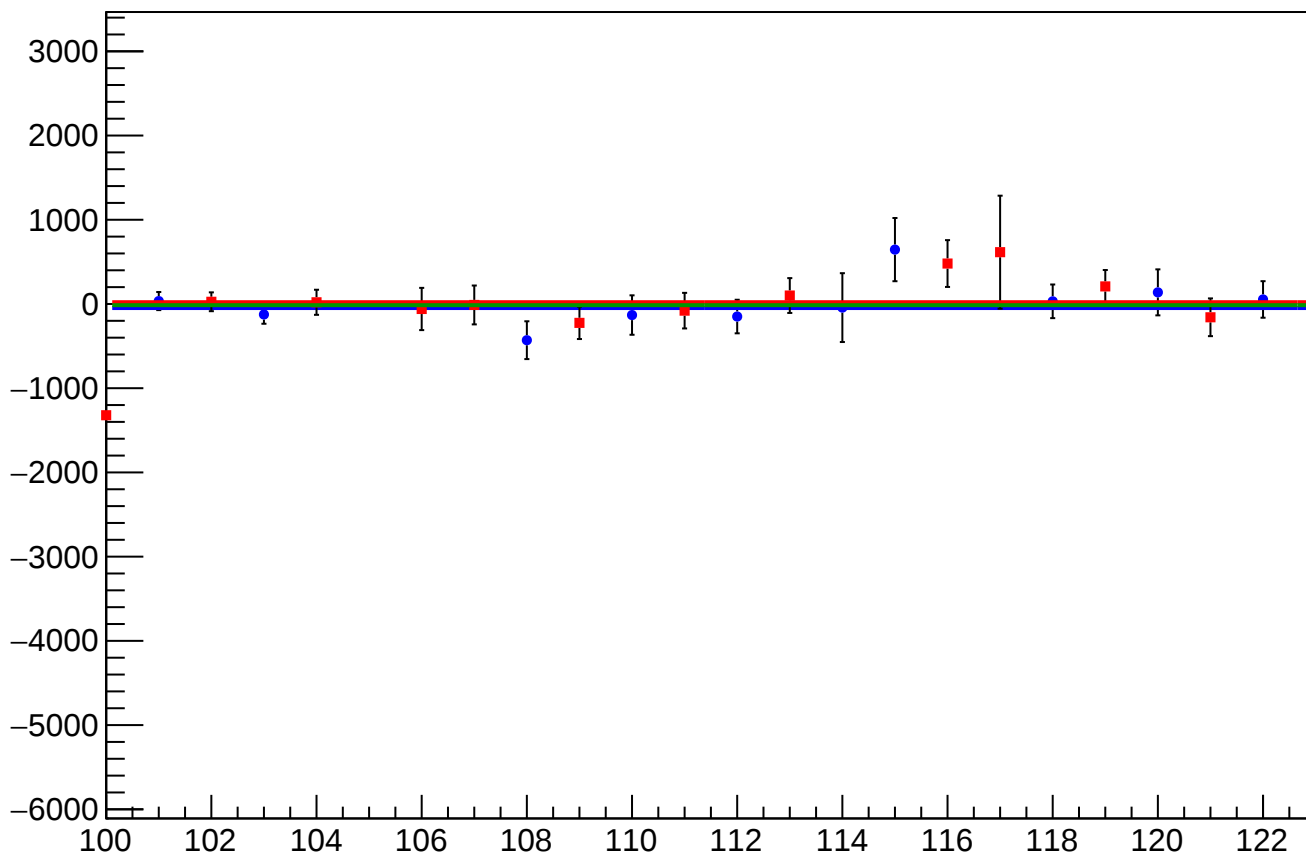
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

90.102 $\pm$ 0.033 χ^2 /NDF: 112898.7/9

92.134 $\pm$ 0.023 χ^2 /NDF: 318960.3/21

94.067 $\pm$ 0.032 χ^2 /NDF: 198666.9/11

reg_asym_dsr_mean vs Slug, Sign Corrected



Right In: -48.218+/-57.051 χ^2 /NDF: 9.0/10

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

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

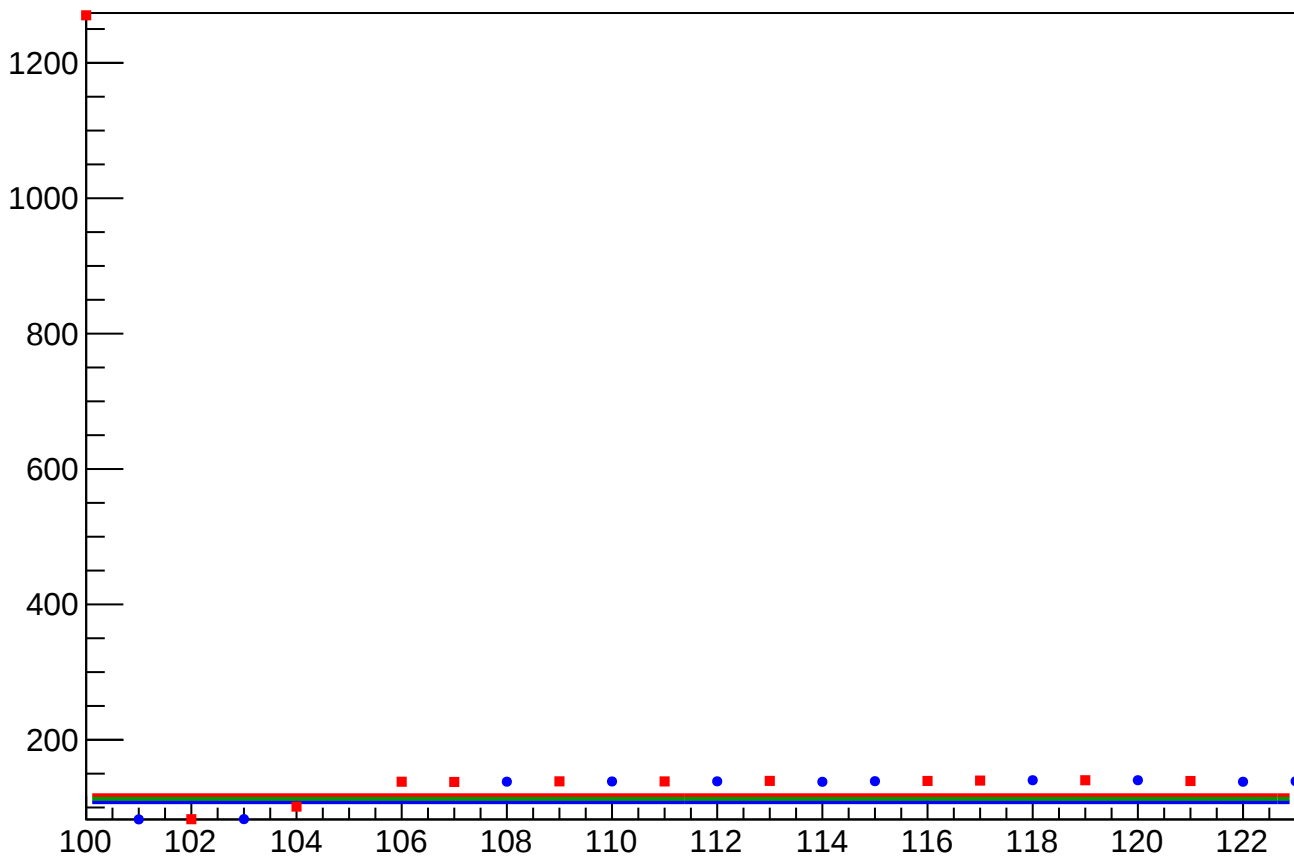
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-48.218+/-57.051 χ^2 /NDF: 9.0/10

-14.295+/-40.773 χ^2 /NDF: 17.0/22

21.120+/-58.293 χ^2 /NDF: 7.3/11

reg_asym_dsr_rms vs Slug, Sign Corrected



Right In: 107.892 $\pm$ 0.040 χ^2 /NDF: 481938.8/10

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

Right Out: 118.033 $\pm$ 0.041 χ^2 /NDF: 488973.0/11

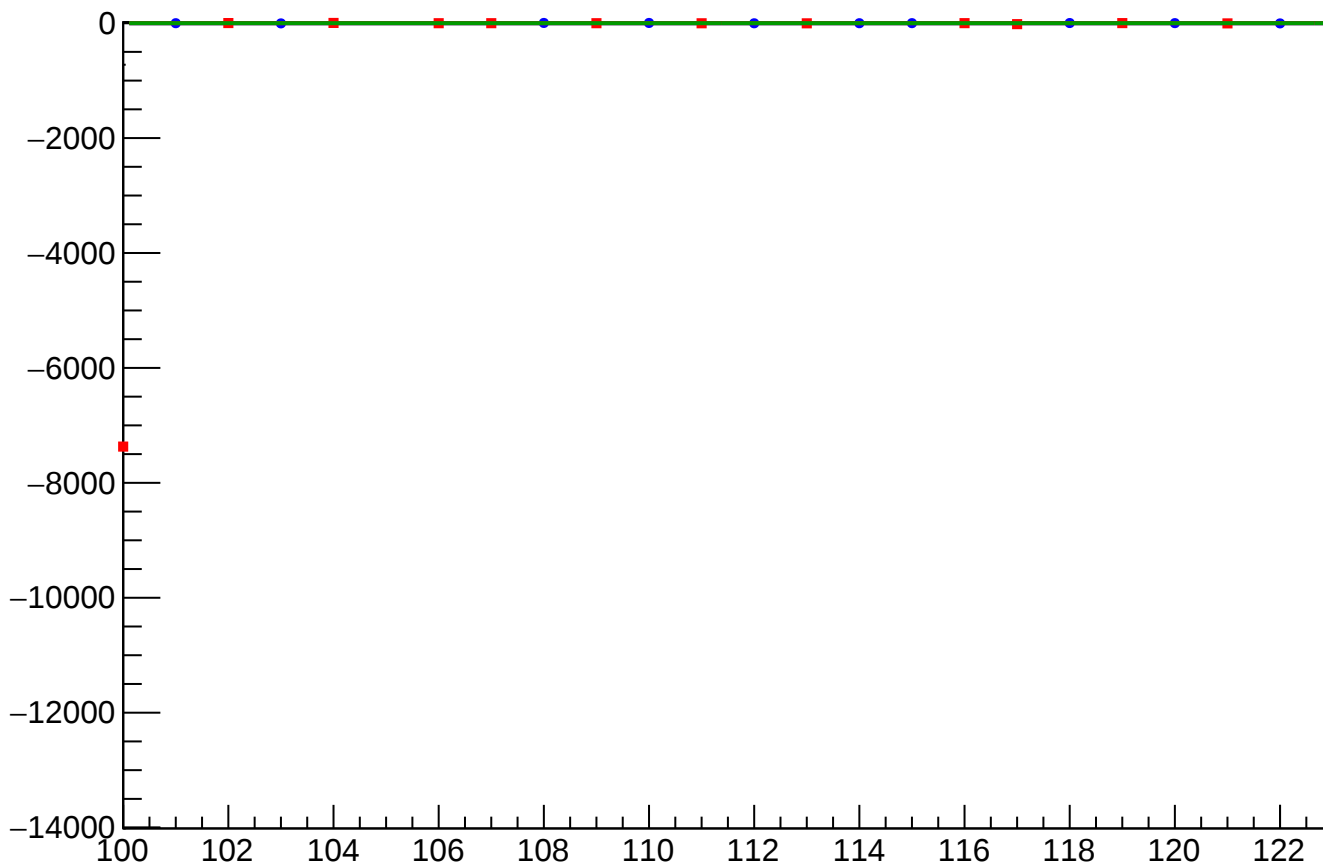
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

107.892 $\pm$ 0.040 χ^2 /NDF: 481938.8/10

112.854 $\pm$ 0.029 χ^2 /NDF: 1001829.6/22

118.033 $\pm$ 0.041 χ^2 /NDF: 488973.0/11

asym_dsr_correction_mean vs Slug, Sign Corrected



Right In: -1.215+/-0.992 χ^2 /NDF: 8.0/10

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

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

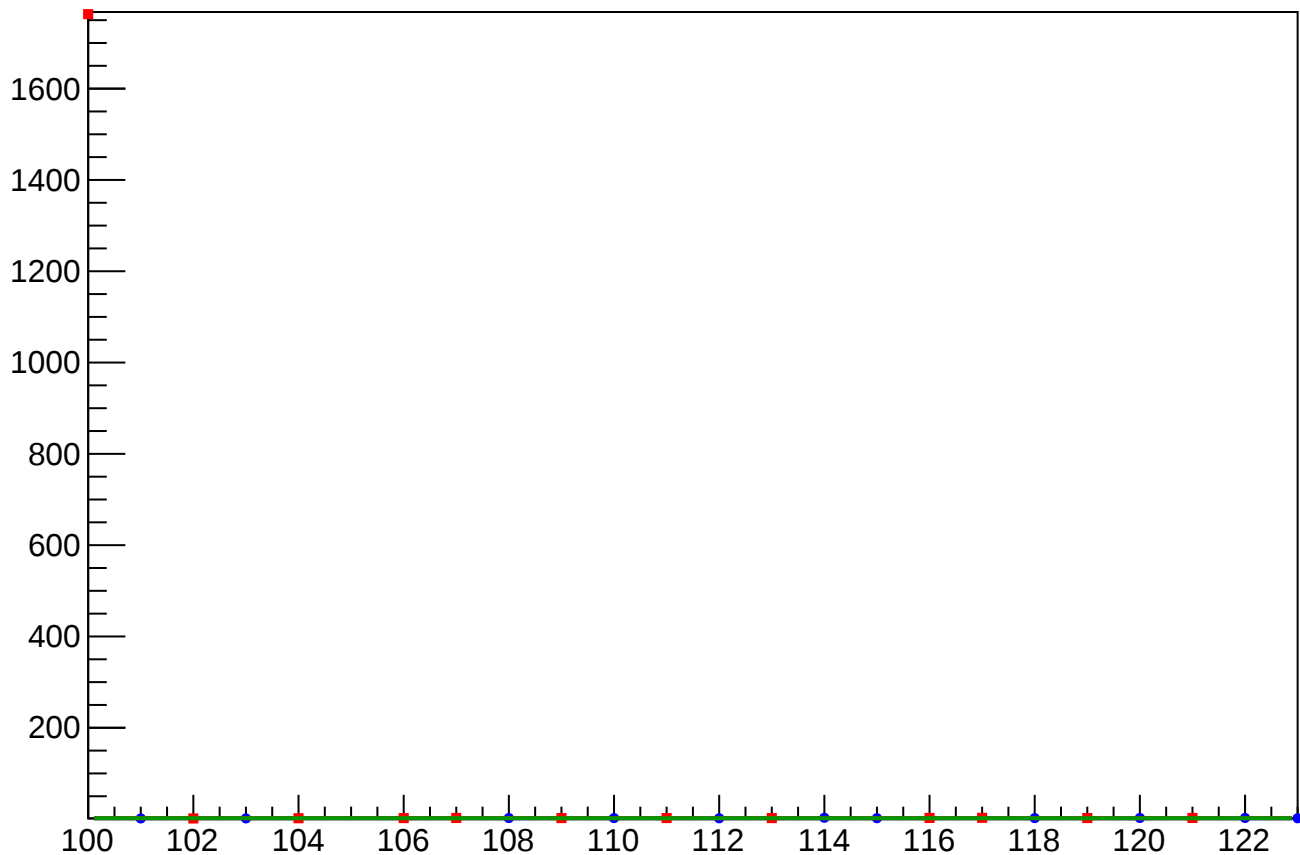
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.215+/-0.992 χ^2 /NDF: 8.0/10

-0.726+/-0.721 χ^2 /NDF: 16.1/22

-0.176+/-1.052 χ^2 /NDF: 7.6/11

asym_dsr_correction_rms vs Slug, Sign Corrected



Right In: 1.745+/-0.001 χ^2/NDF : 331521.4/10

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

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

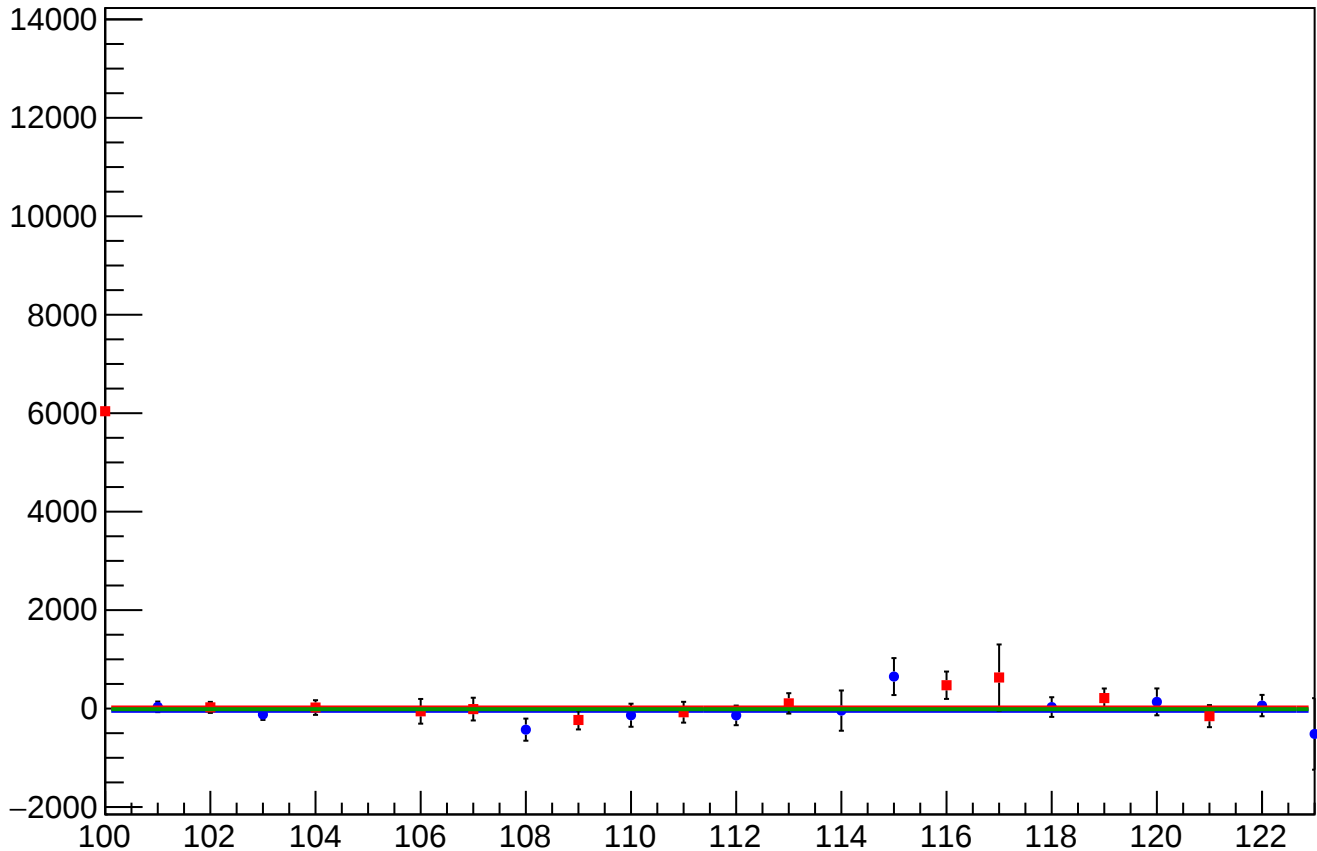
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.745+/-0.001 χ^2/NDF : 331521.4/10

1.852+/-0.001 χ^2/NDF : 832559.4/22

1.973+/-0.001 χ^2/NDF : 451031.1/11

asym_dsr_mean vs Slug, Sign Corrected



Right In: -46.008+/-57.066 χ^2 /NDF: 9.0/10

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

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

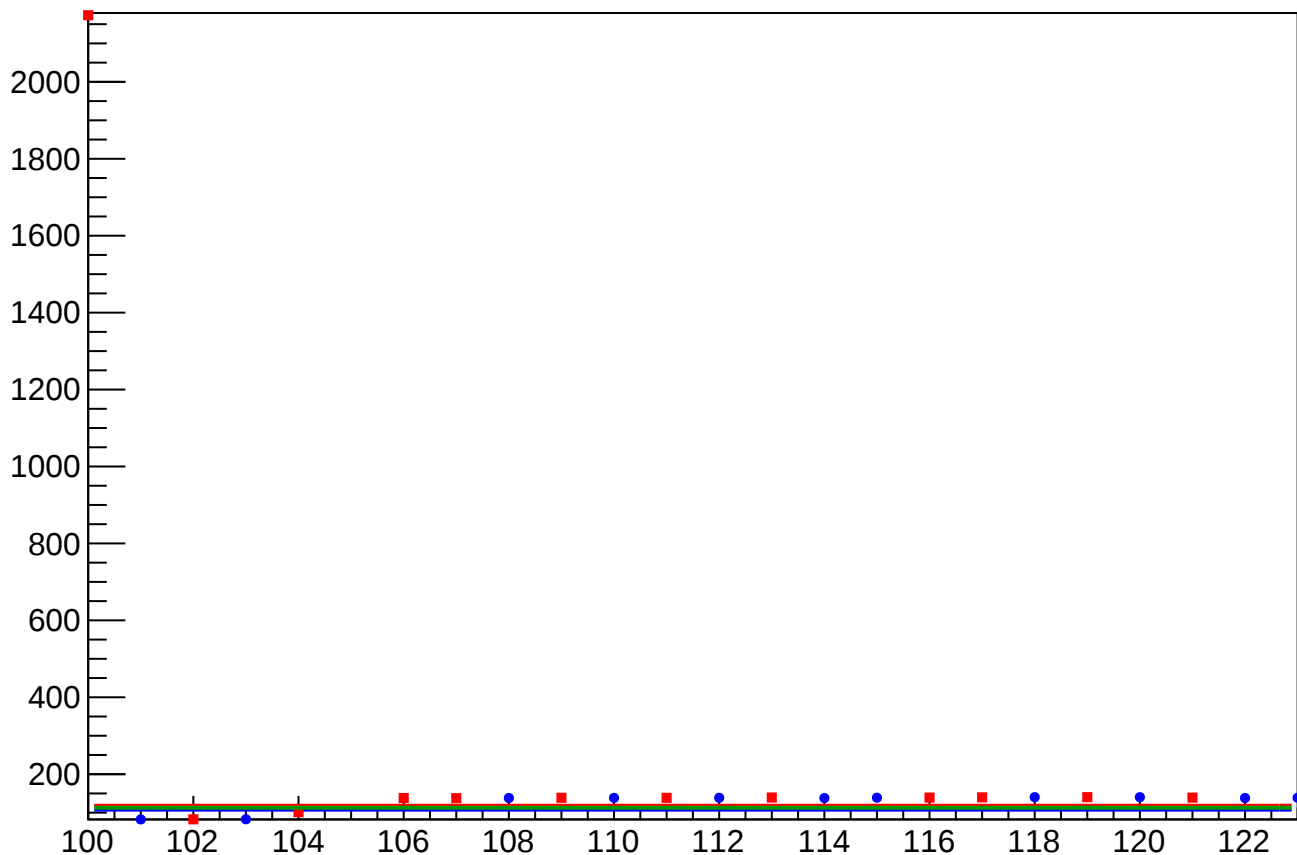
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-46.008+/-57.066 χ^2 /NDF: 9.0/10

-12.746+/-40.785 χ^2 /NDF: 17.5/22

21.984+/-58.312 χ^2 /NDF: 7.8/11

asym_dsr_rms vs Slug, Sign Corrected



Right In: 107.920+/-0.040 χ^2/NDF : 481928.7/10

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

Right Out: 117.999+/-0.041 χ^2/NDF : 499038.5/11

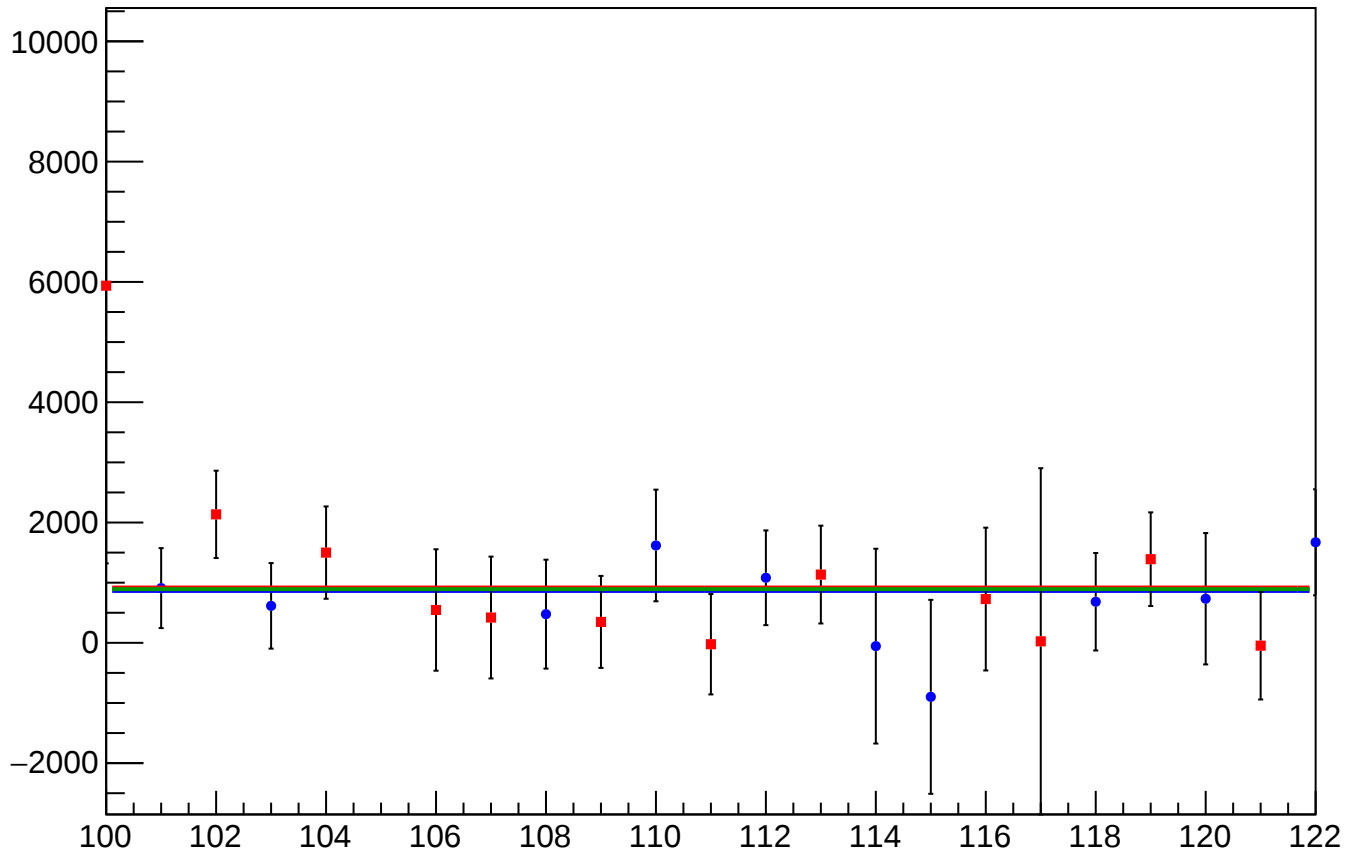
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

107.920+/-0.040 χ^2/NDF : 481928.7/10

112.851+/-0.029 χ^2/NDF : 1011485.1/22

117.999+/-0.041 χ^2/NDF : 499038.5/11

reg_asym_left_avg_mean vs Slug, Sign Corrected



Right In: 863.297 $\pm$ 281.174 χ^2 /NDF: 3.5/9

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

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

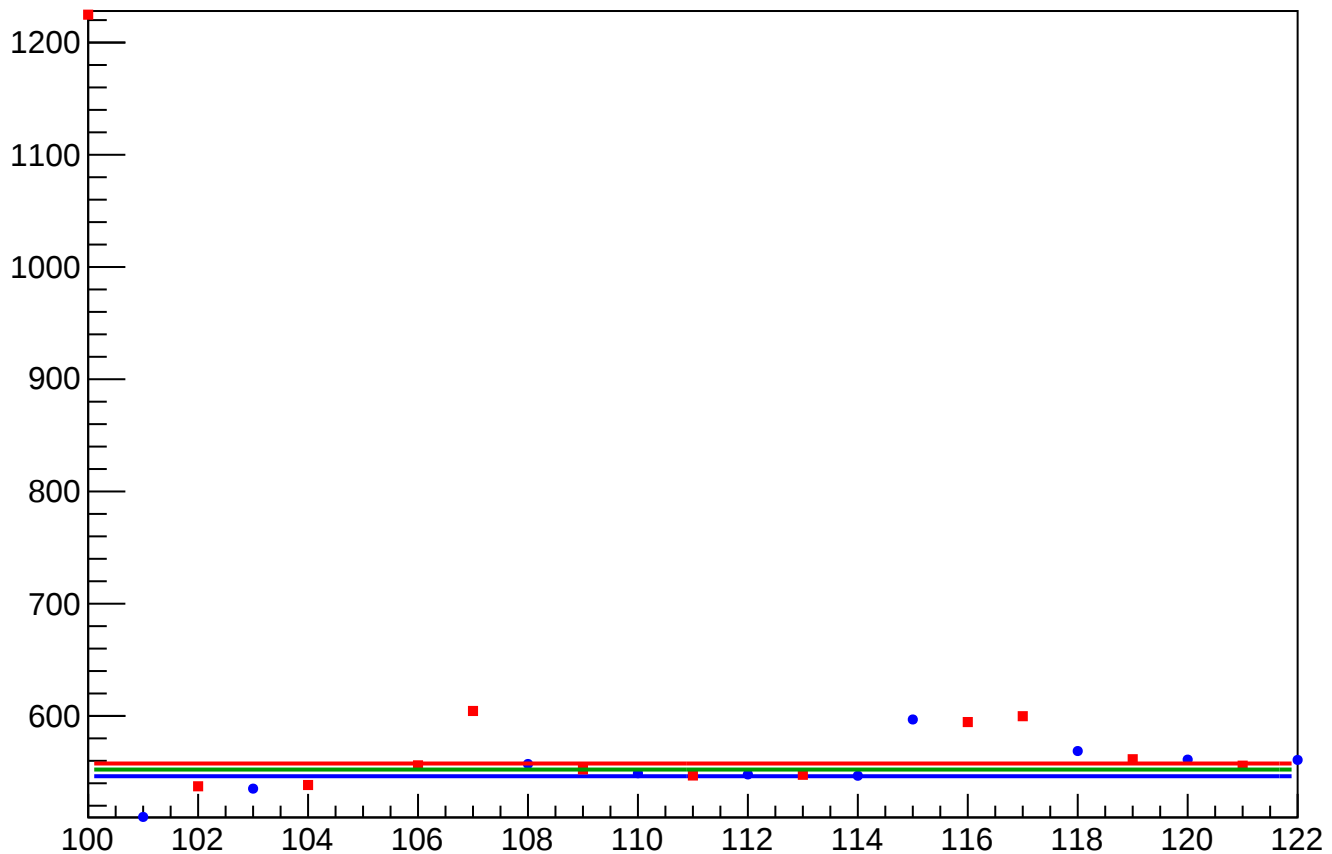
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

863.297 $\pm$ 281.174 χ^2 /NDF: 3.5/9

892.570 $\pm$ 193.765 χ^2 /NDF: 12.0/21

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

reg_asym_left_avg_rms vs Slug, Sign Corrected



Right In: 546.275+/-0.199 χ^2/NDF : 11165.0/9

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

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

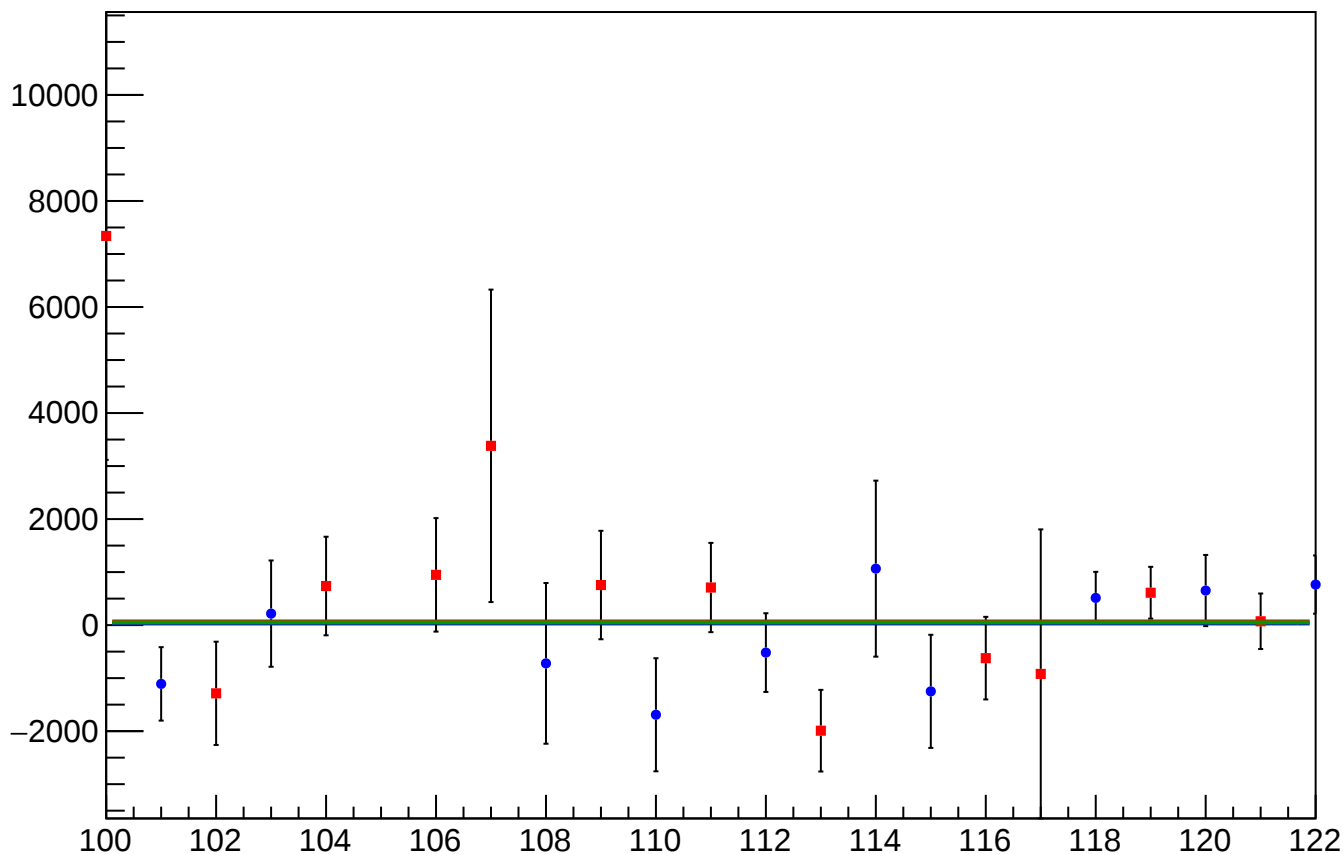
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

546.275+/-0.199 χ^2/NDF : 11165.0/9

552.227+/-0.137 χ^2/NDF : 64891.6/21

557.609+/-0.189 χ^2/NDF : 52020.2/11

asym_left_avg_correction_mean vs Slug, Sign Corrected



Right In: 32.354+/-241.698 χ^2/NDF : 11.6/9

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

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

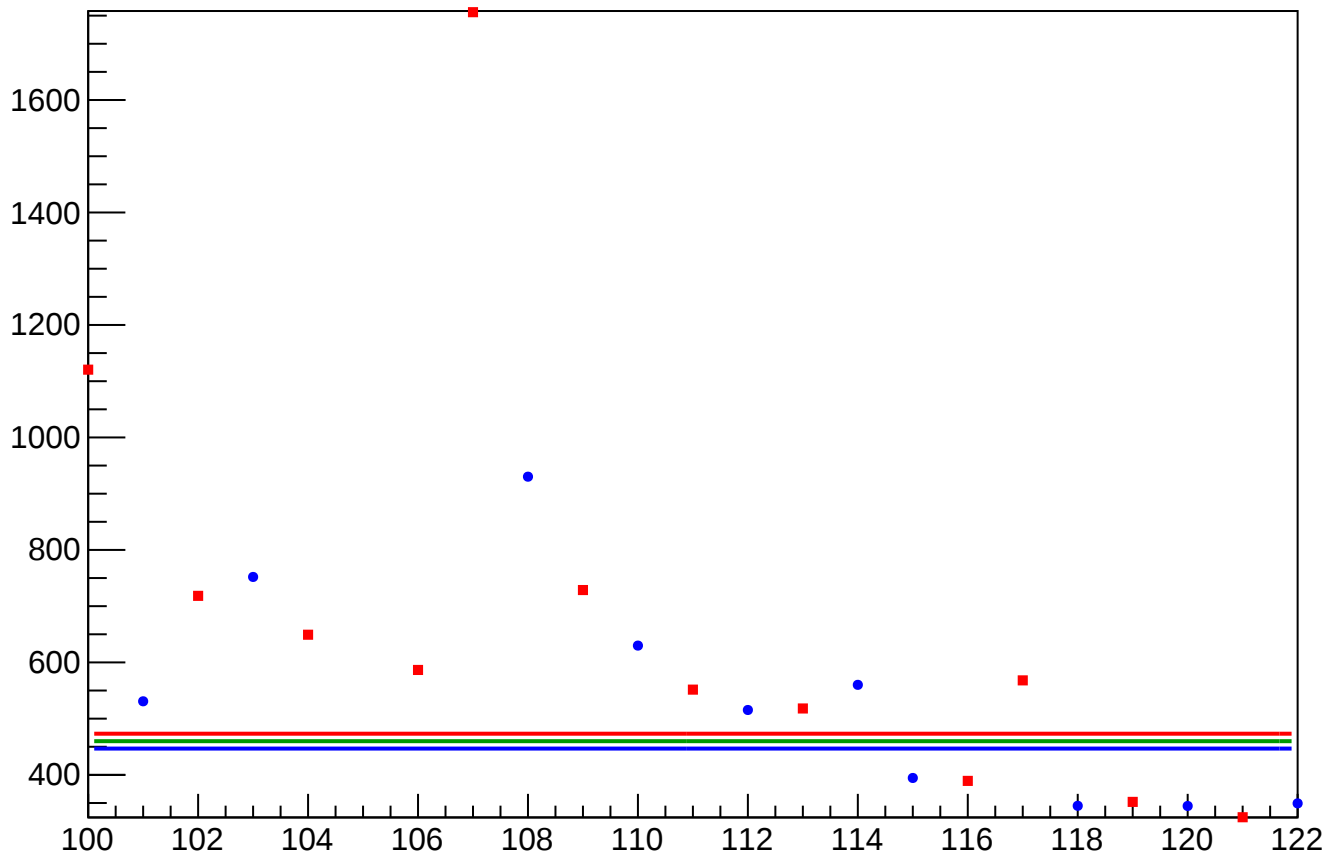
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.354+/-241.698 χ^2/NDF : 11.6/9

50.356+/-171.372 χ^2/NDF : 29.3/21

68.556+/-243.020 χ^2/NDF : 17.7/11

asym_left_avg_correction_rms vs Slug, Sign Corrected



Right In: 446.794+/-0.171 χ^2/NDF : 703184.0/9

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

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

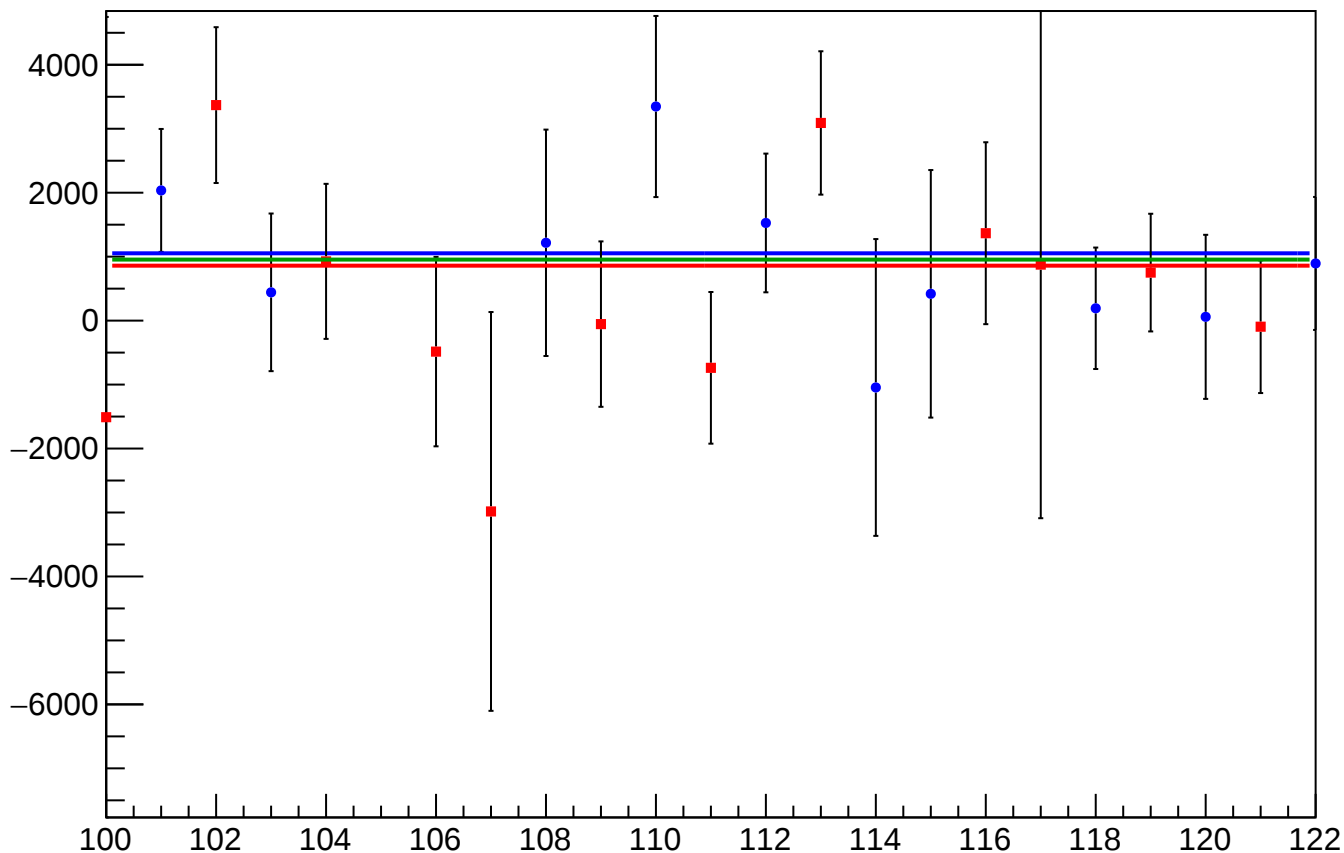
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

446.794+/-0.171 χ^2/NDF : 703184.0/9

459.938+/-0.121 χ^2/NDF : 1820675.2/21

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

asym_left_avg_mean vs Slug, Sign Corrected



Right In: 1052.484 ± 392.067 χ^2/NDF : 6.5/9

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

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

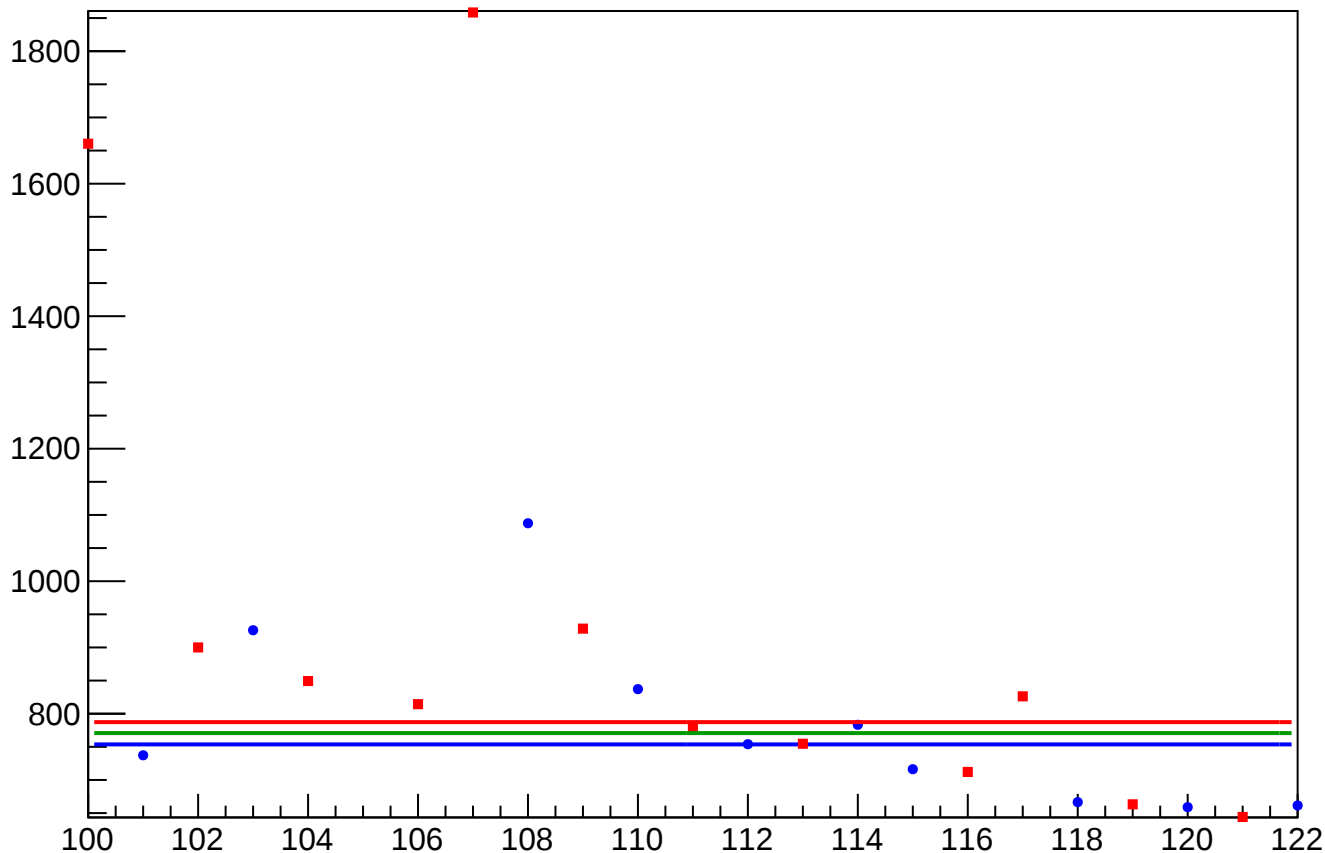
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1052.484 ± 392.067 χ^2/NDF : 6.5/9

954.329 ± 275.038 χ^2/NDF : 20.6/21

859.221 ± 385.932 χ^2/NDF : 14.0/11

asym_left_avg_rms vs Slug, Sign Corrected



Right In: 753.677+/-0.277 χ^2/NDF : 162362.0/9

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

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

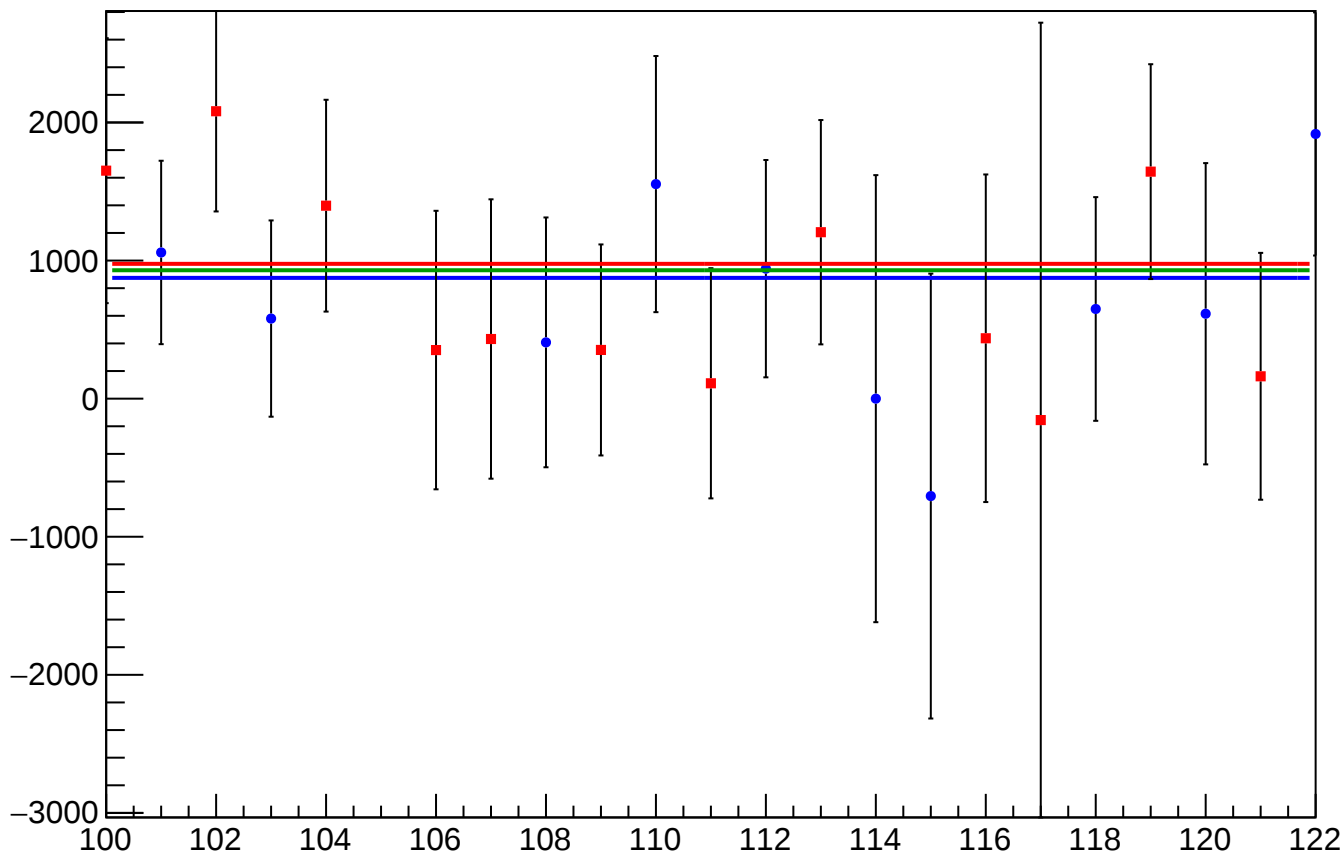
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

753.677+/-0.277 χ^2/NDF : 162362.0/9

770.746+/-0.194 χ^2/NDF : 573803.4/21

787.285+/-0.273 χ^2/NDF : 403977.5/11

reg_asym_left_dd_mean vs Slug, Sign Corrected



Right In: 874.744+/-280.954 χ^2/NDF : 3.8/9

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

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

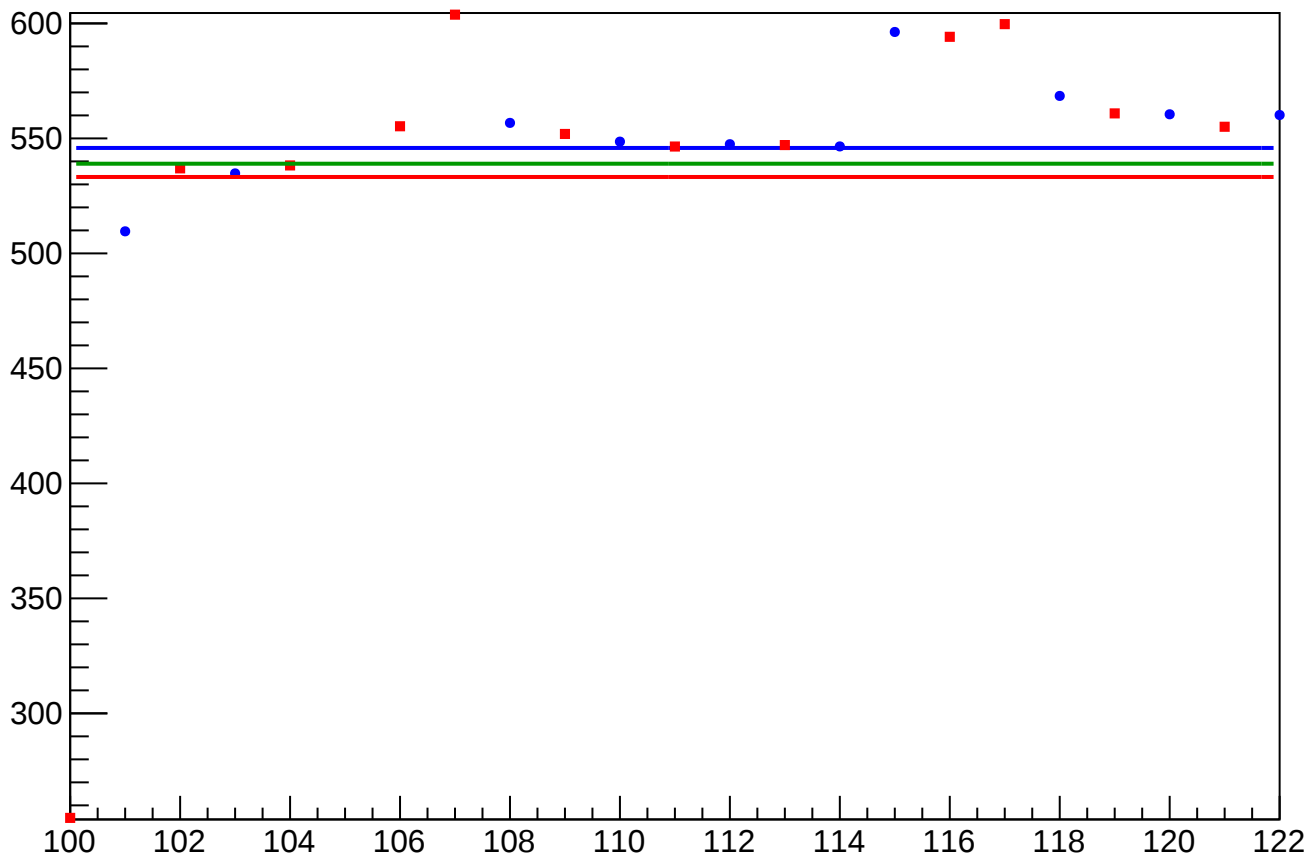
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

874.744+/-280.954 χ^2/NDF : 3.8/9

929.896+/-189.945 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: 545.848 +/- 0.199 χ^2/NDF : 11171.8/9

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

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

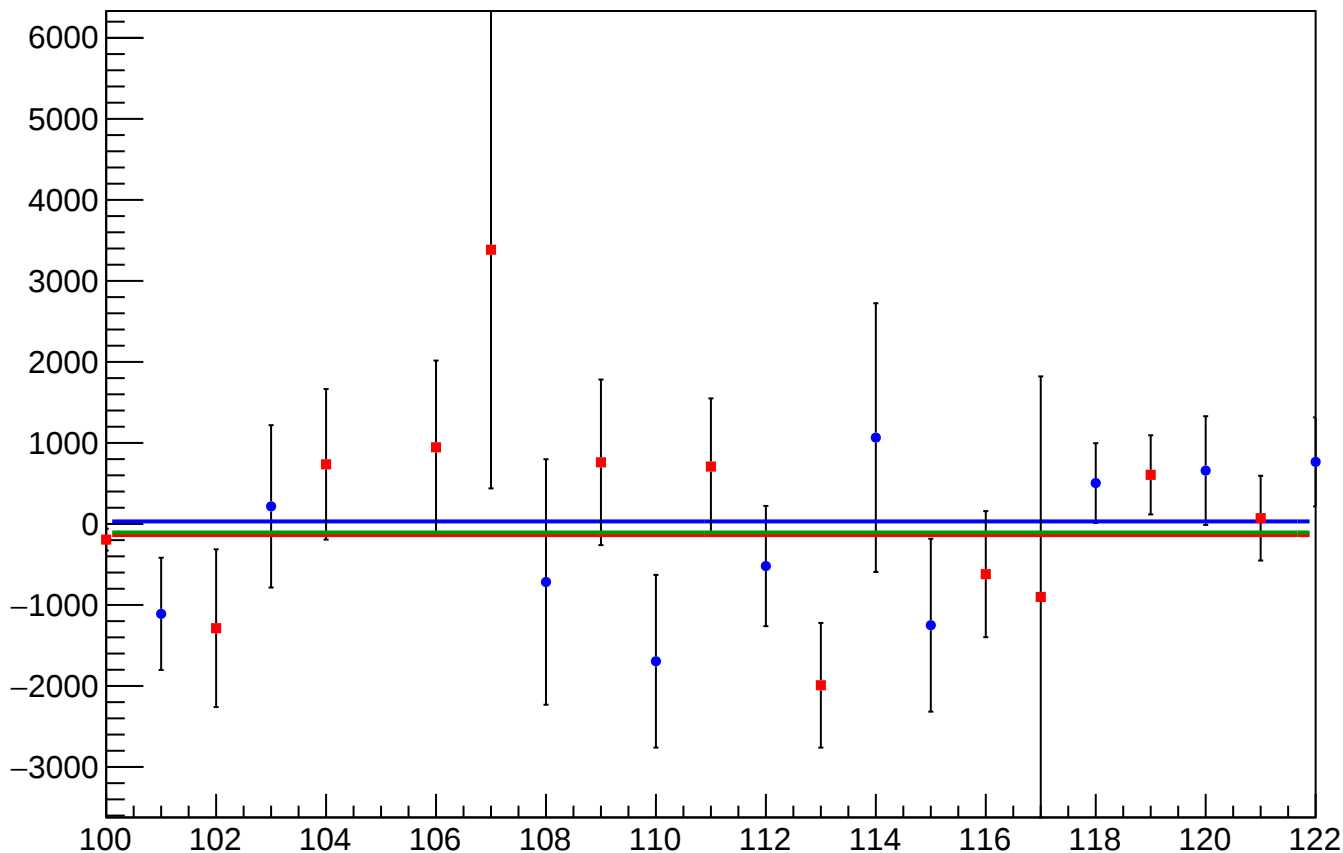
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

545.848 +/- 0.199 χ^2/NDF : 11171.8/9

538.996 +/- 0.134 χ^2/NDF : 205292.5/21

533.227 +/- 0.182 χ^2/NDF : 191929.3/11

asym_left_dd_correction_mean vs Slug, Sign Corrected



Right In: 31.027+/-241.618 χ^2/NDF : 11.6/9

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

Right Out: -137.762+/-118.022 χ^2/NDF : 15.4/11

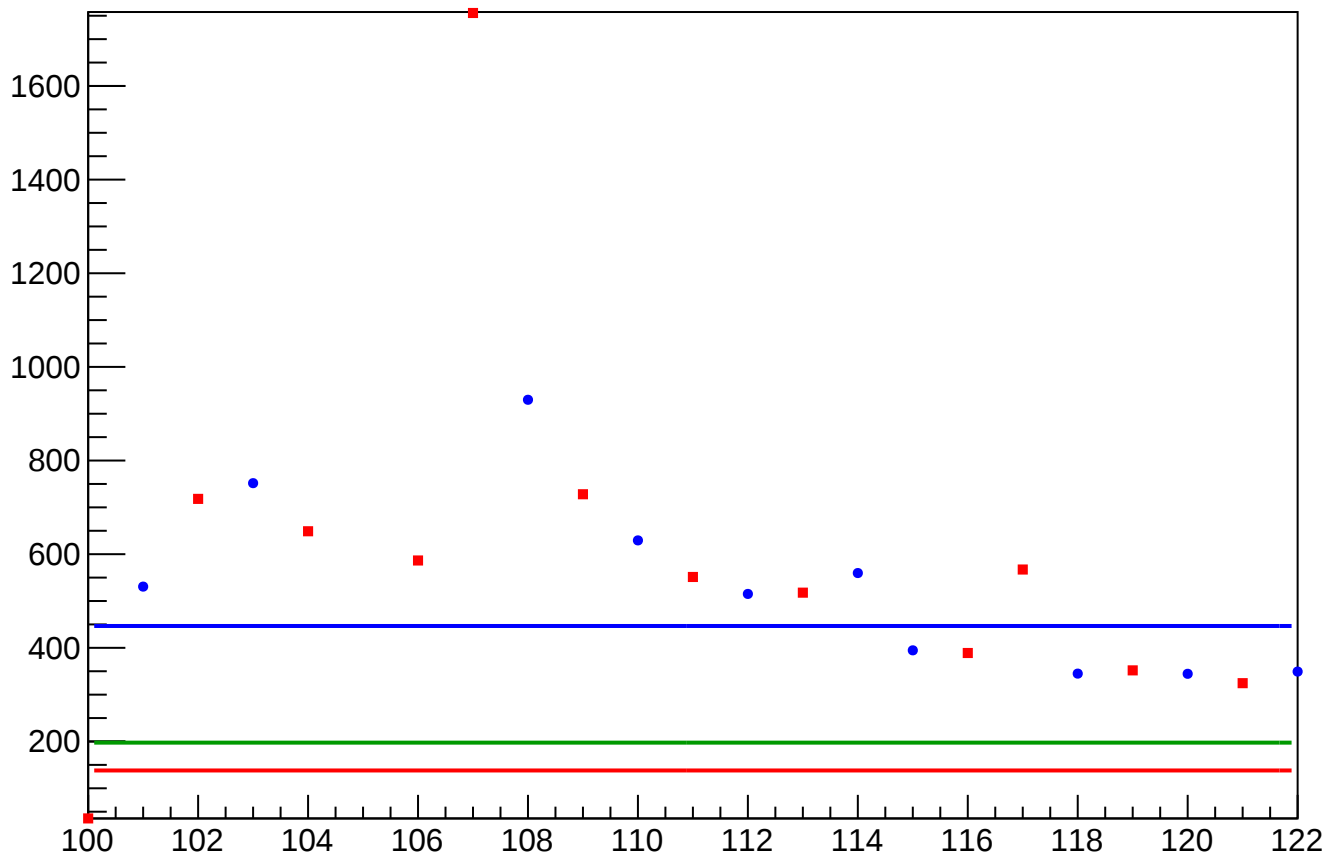
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

31.027+/-241.618 χ^2/NDF : 11.6/9

-105.247+/-106.047 χ^2/NDF : 27.4/21

-137.762+/-118.022 χ^2/NDF : 15.4/11

asym_left_dd_correction_rms vs Slug, Sign Corrected



Right In: 446.660+/-0.171 χ^2/NDF : 702943.1/9

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

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

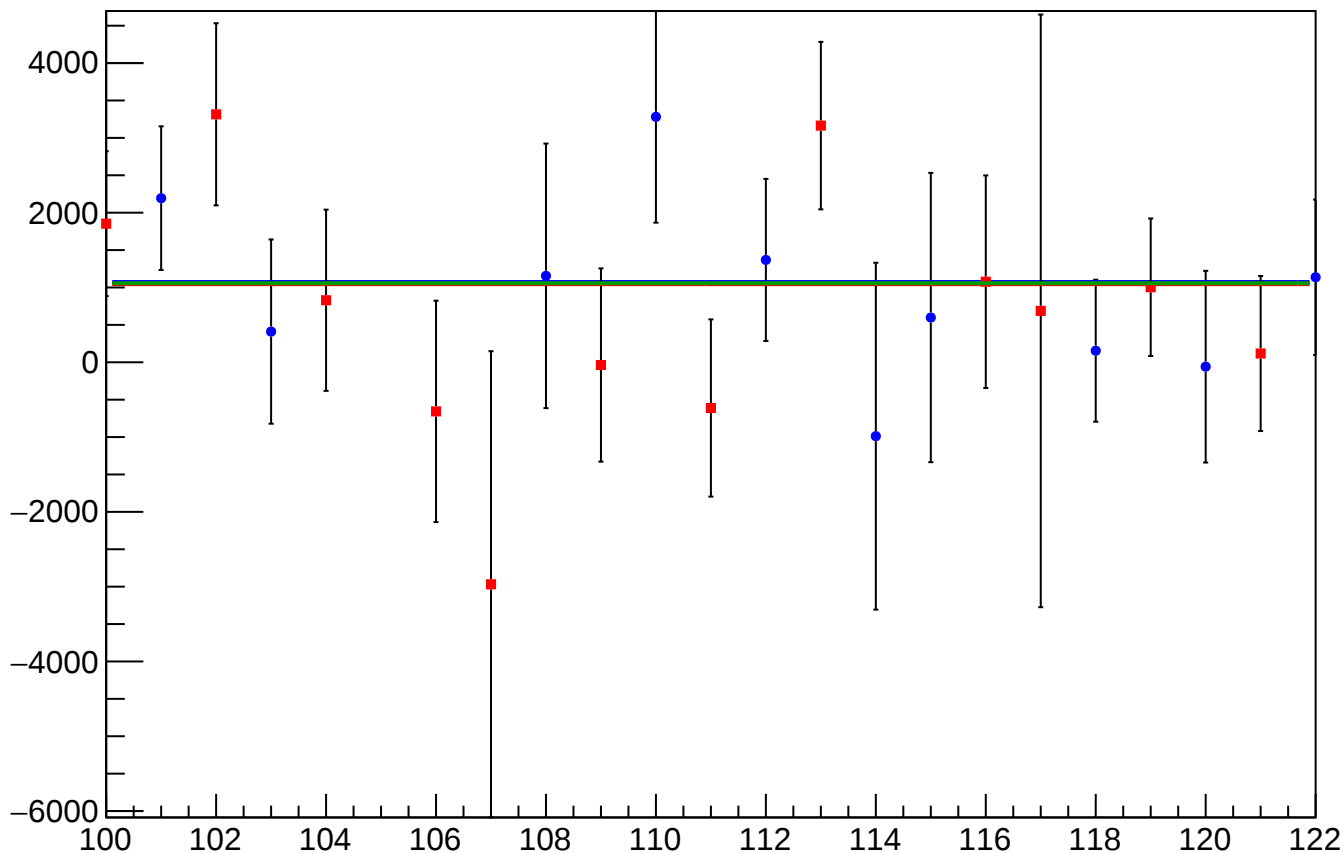
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

446.660+/-0.171 χ^2/NDF : 702943.1/9

197.523+/-0.075 χ^2/NDF : 9287589.8/21

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

asym_left_dd_mean vs Slug, Sign Corrected



Right In: 1072.694+/-391.823 χ^2/NDF : 6.7/9

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

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

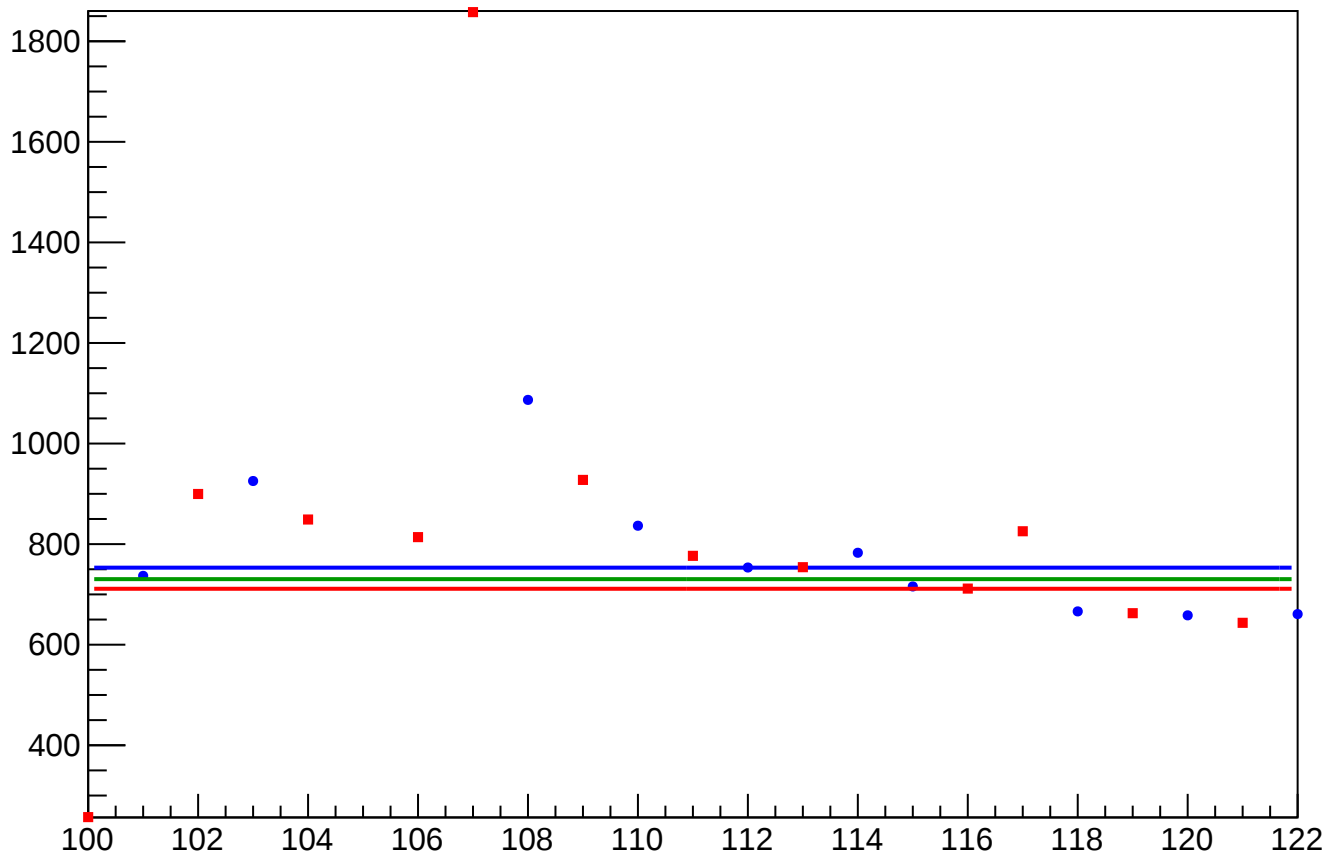
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1072.694+/-391.823 χ^2/NDF : 6.7/9

1057.315+/-264.664 χ^2/NDF : 21.0/21

1044.411+/-358.921 χ^2/NDF : 14.2/11

asym_left_dd_rms vs Slug, Sign Corrected



Right In: 753.204 $\pm$ 0.277 χ^2 /NDF: 162468.2/9

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

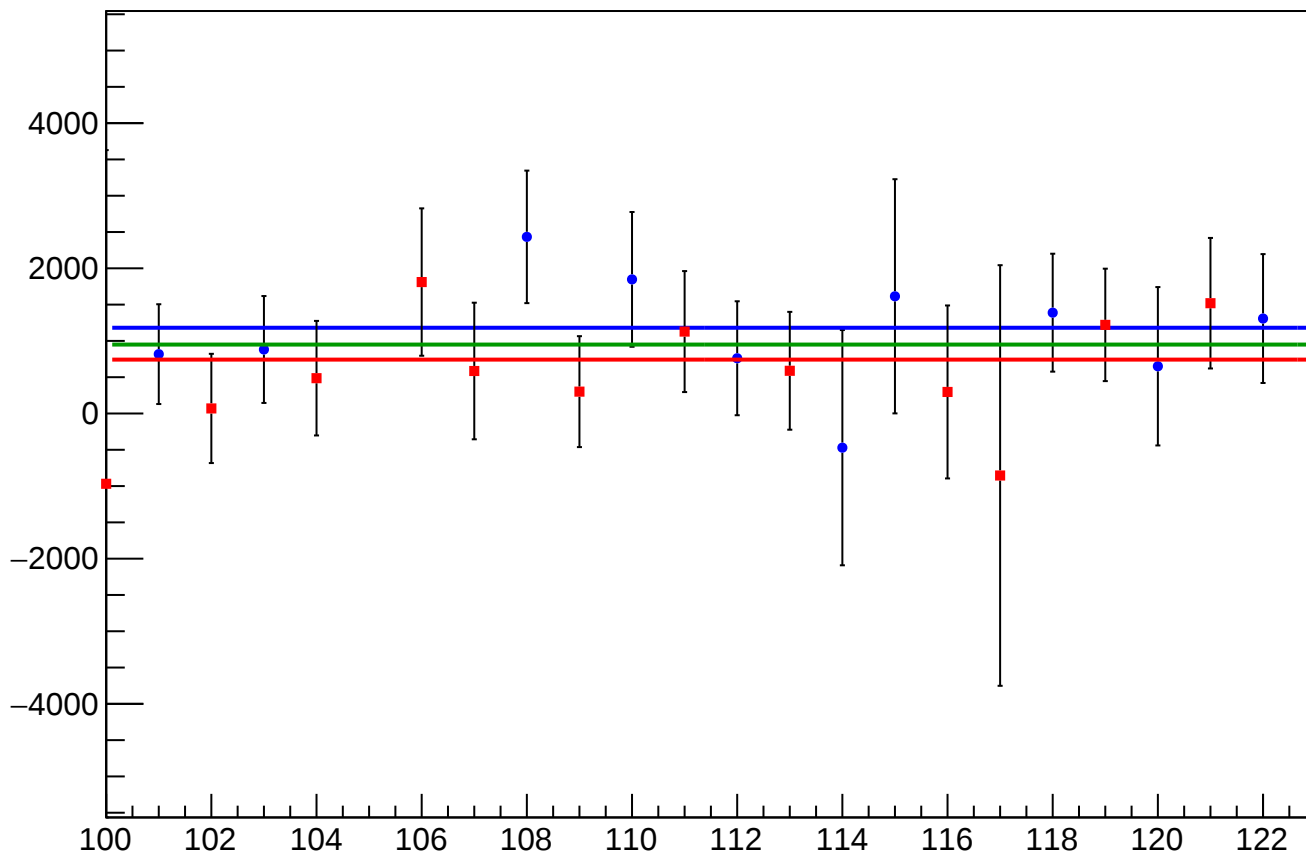
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

753.204 $\pm$ 0.277 χ^2 /NDF: 162468.2/9

730.364 $\pm$ 0.187 χ^2 /NDF: 1049194.4/21

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

reg_asym_right_avg_mean vs Slug, Sign Corrected



Right In: 1181.173+/-283.443 χ^2/NDF : 4.8/10

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

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

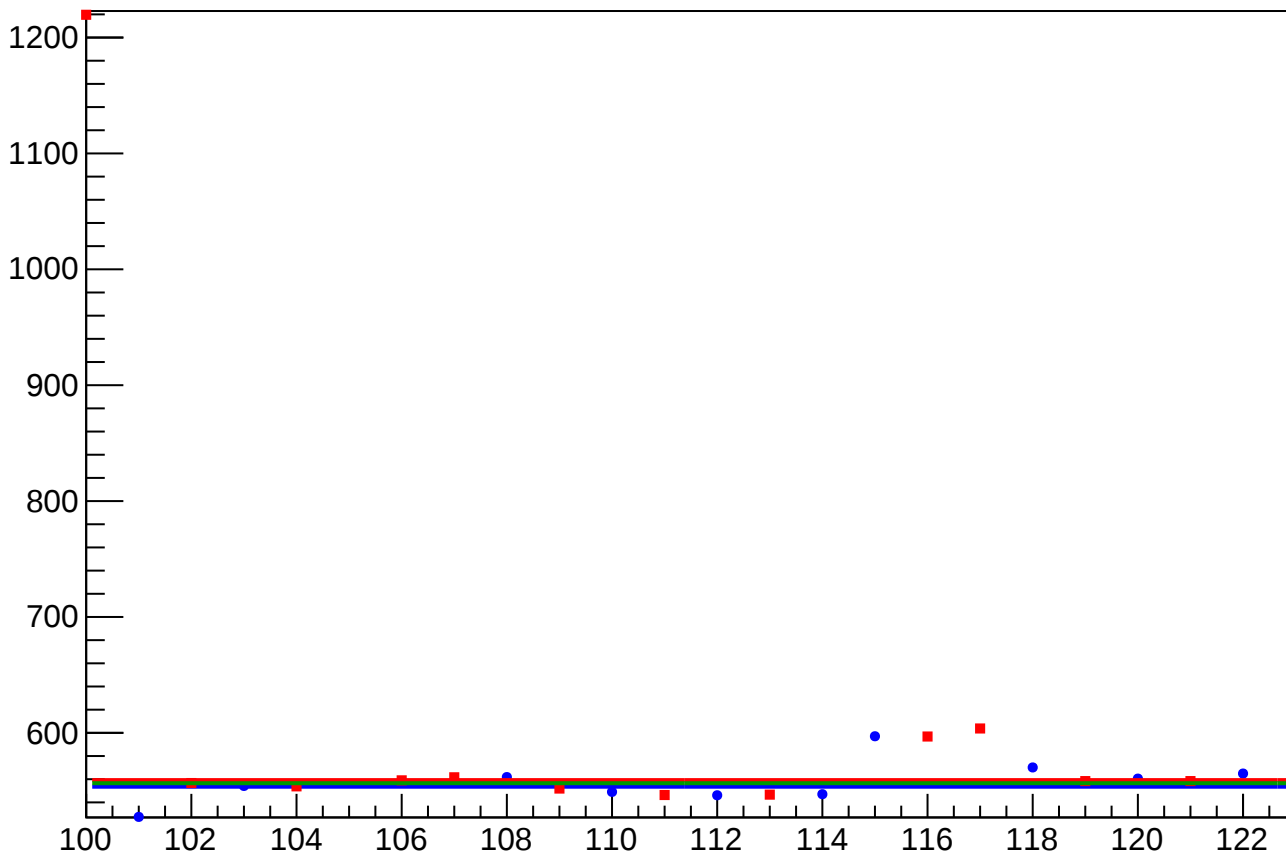
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1181.173+/-283.443 χ^2/NDF : 4.8/10

949.529+/-194.757 χ^2/NDF : 10.4/22

742.350+/-268.057 χ^2/NDF : 4.3/11

reg_asym_right_avg_rms vs Slug, Sign Corrected



Right In: 553.530+/-0.200 χ^2/NDF : 6031.4/10

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

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

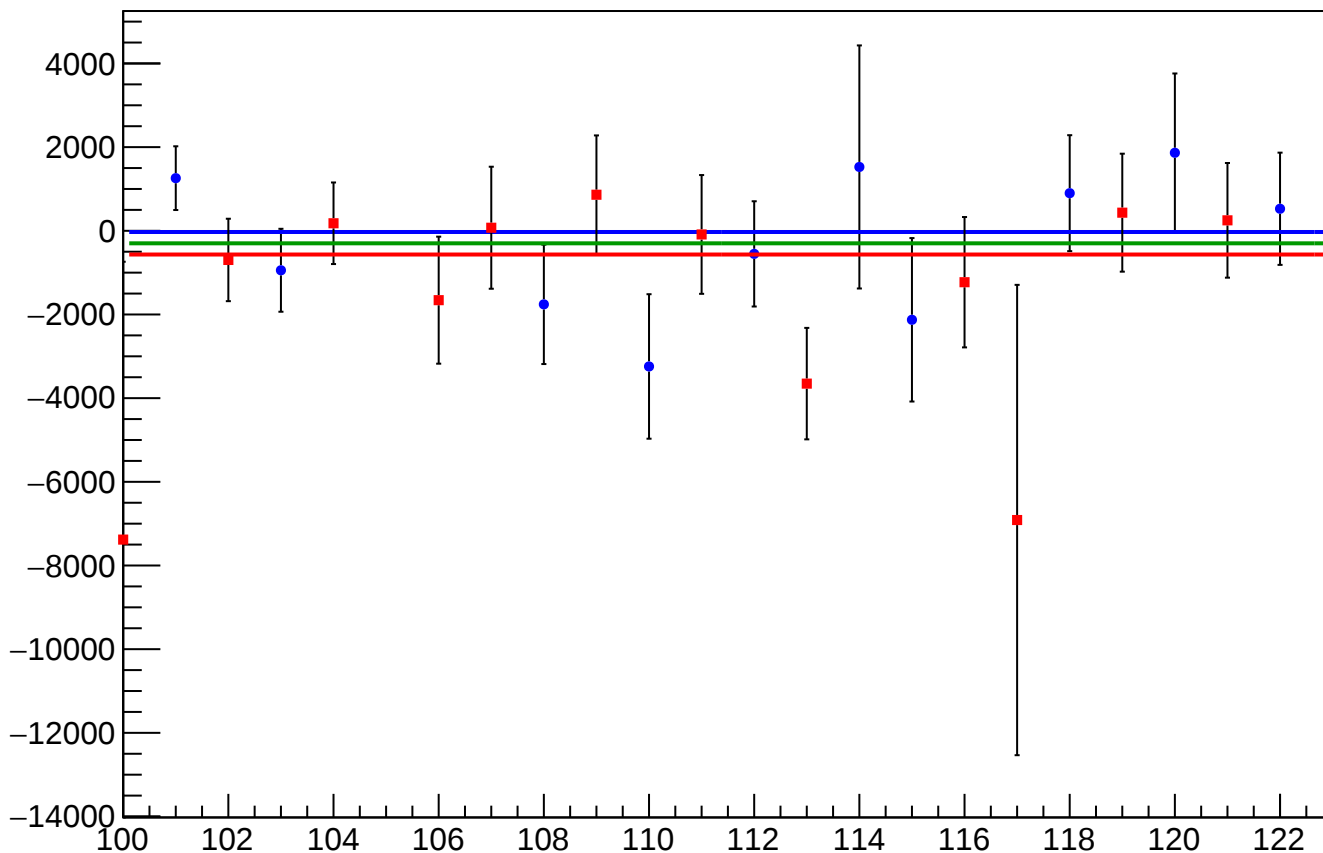
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

553.530+/-0.200 χ^2/NDF : 6031.4/10

556.535+/-0.138 χ^2/NDF : 51474.2/22

559.223+/-0.190 χ^2/NDF : 45017.0/11

asym_right_avg_correction_mean vs Slug, Sign Corrected



Right In: -28.335+/-408.995 χ^2/NDF : 11.9/10

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

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

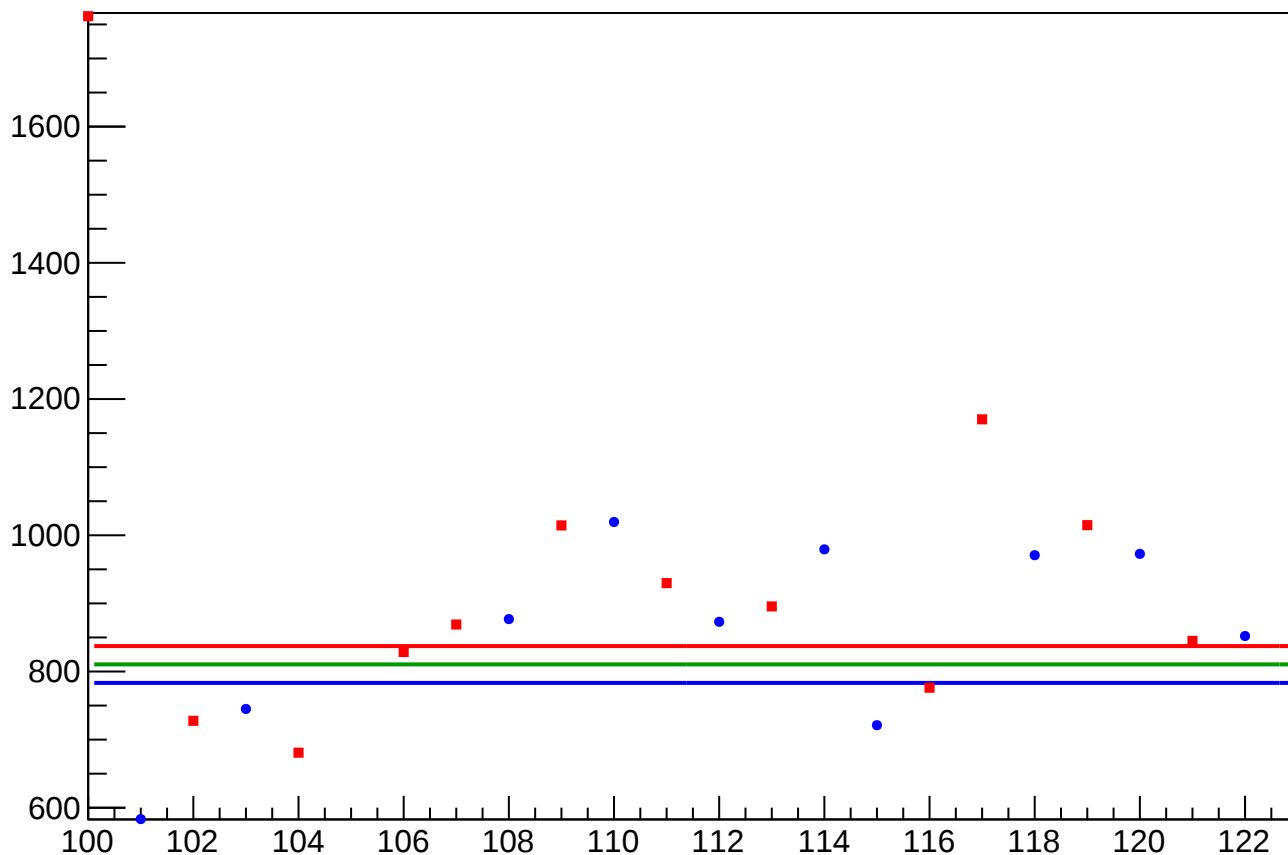
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-28.335+/-408.995 χ^2/NDF : 11.9/10

-299.094+/-288.388 χ^2/NDF : 23.9/22

-566.821+/-406.699 χ^2/NDF : 11.2/11

asym_right_avg_correction_rms vs Slug, Sign Corrected



Right In: 783.279+/-0.289 χ^2/NDF : 271753.9/10

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

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

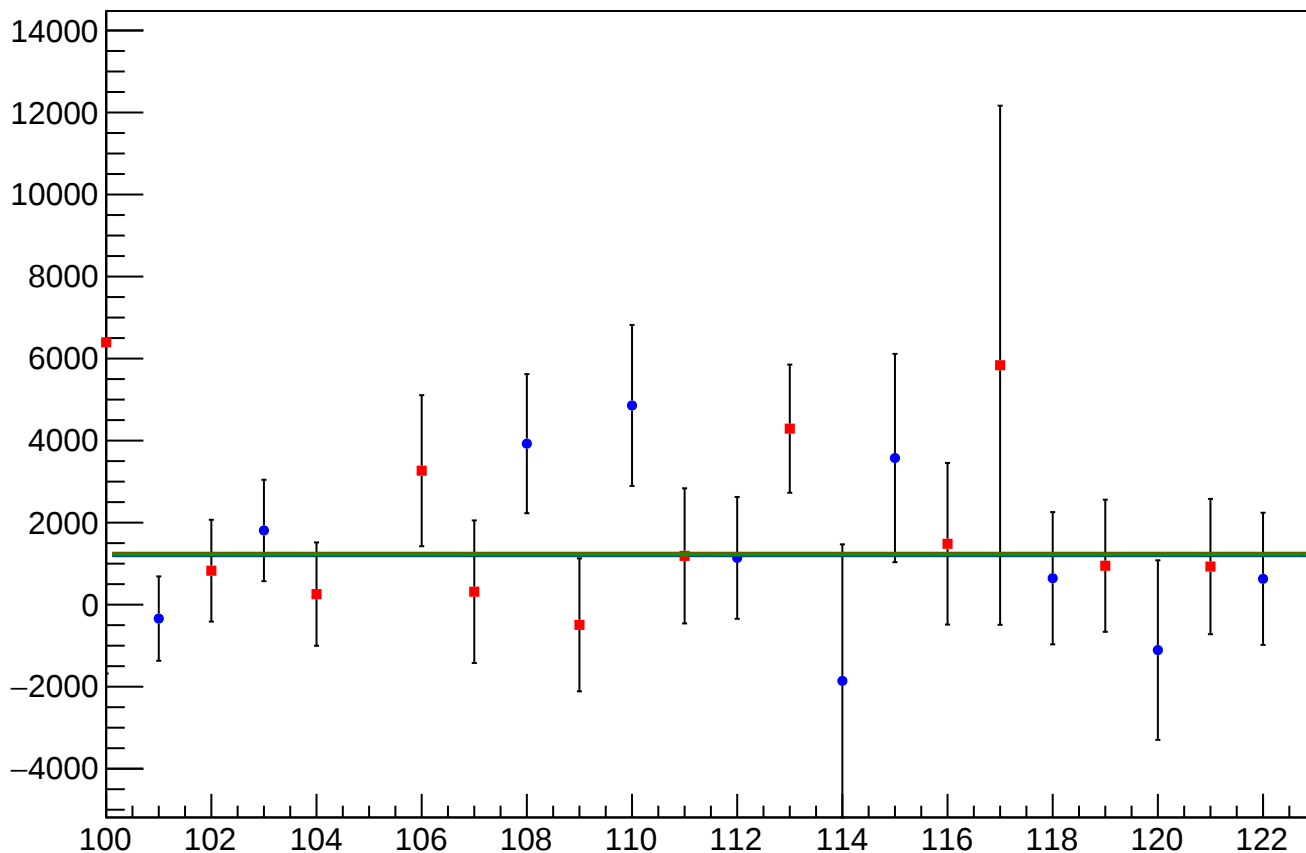
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

783.279+/-0.289 χ^2/NDF : 271753.9/10

810.451+/-0.204 χ^2/NDF : 490858.5/22

837.319+/-0.288 χ^2/NDF : 201548.1/11

asym_right_avg_mean vs Slug, Sign Corrected



Right In: 1206.902 $\pm$ 505.398 χ^2 /NDF: 11.7/10

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

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

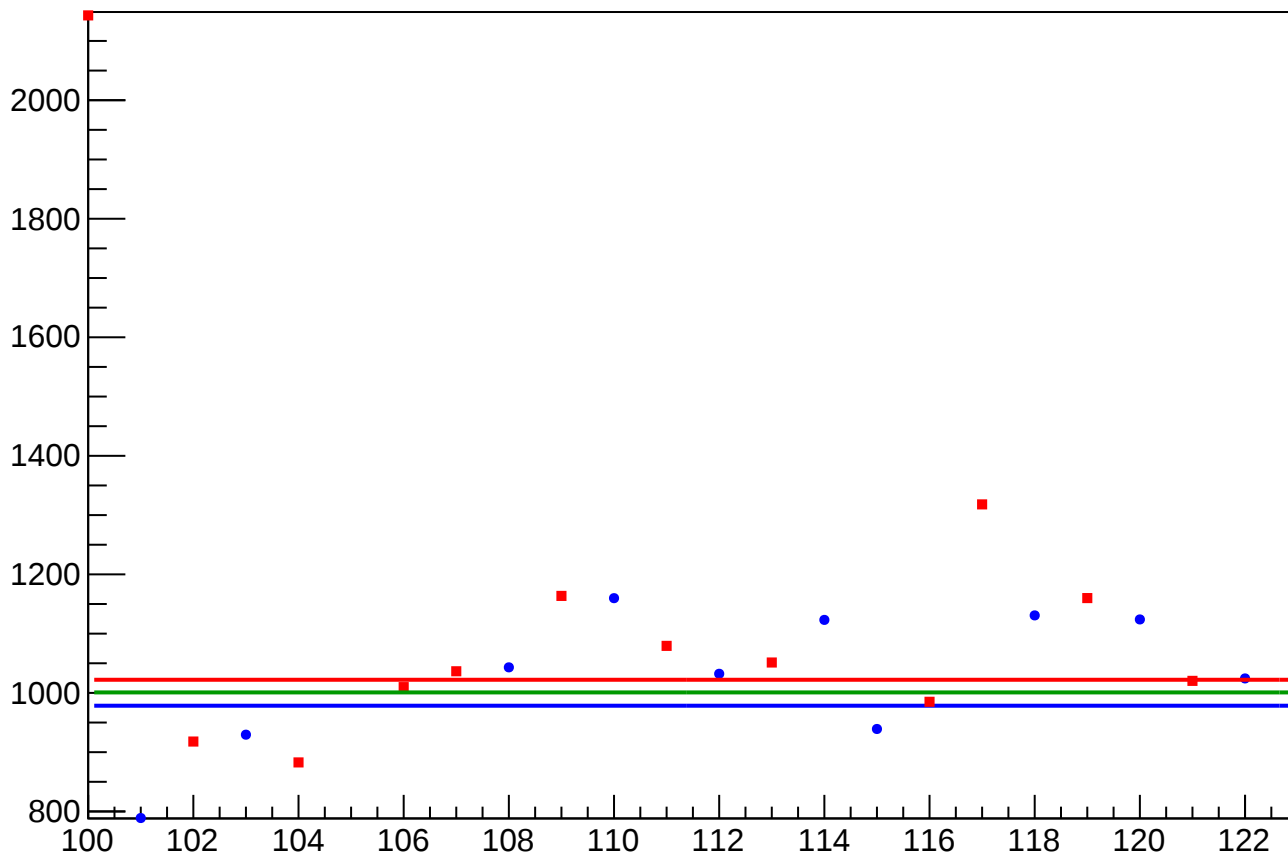
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1206.902 $\pm$ 505.398 χ^2 /NDF: 11.7/10

1224.831 $\pm$ 352.903 χ^2 /NDF: 19.8/22

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

asym_right_avg_rms vs Slug, Sign Corrected



Right In: 978.382 $\pm$ 0.357 χ^2 /NDF: 126984.7/10

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

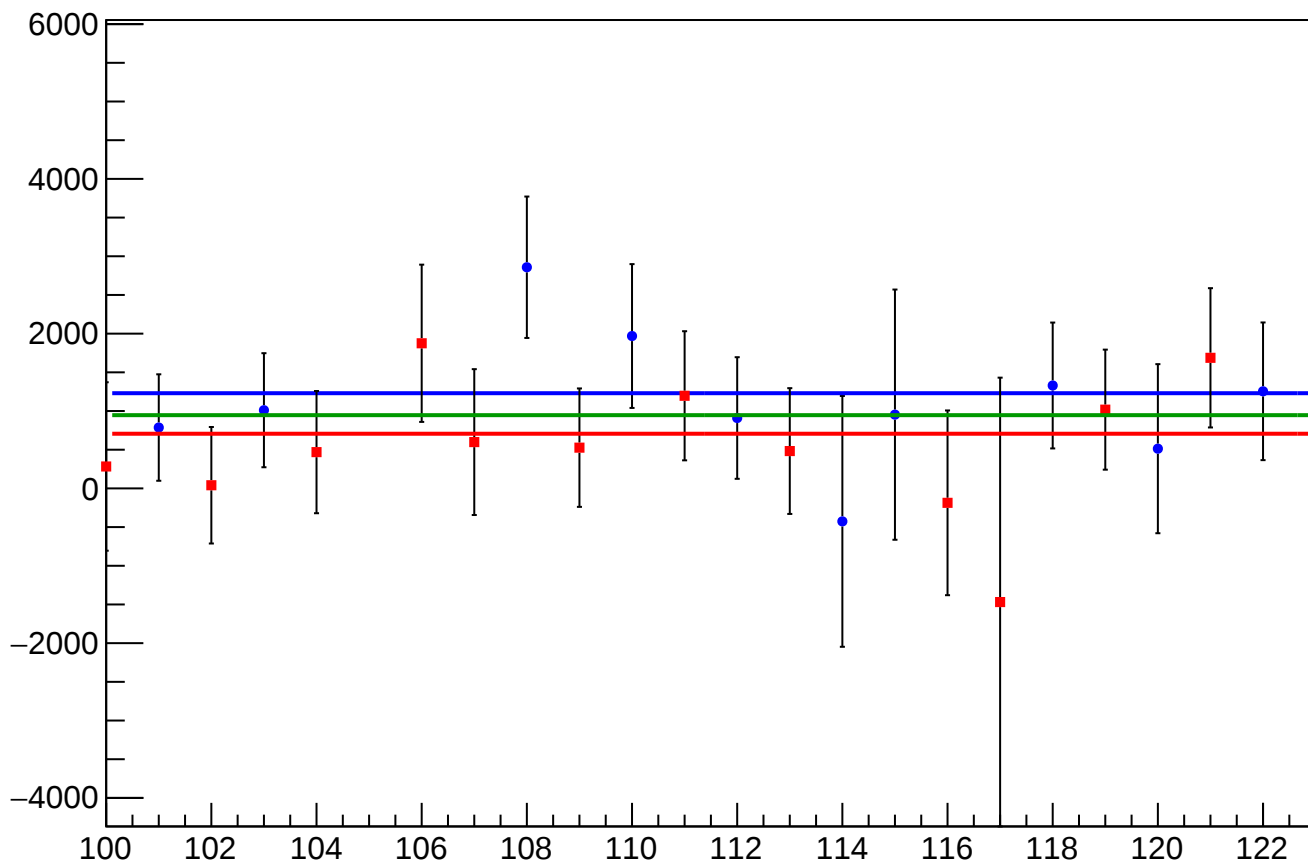
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

978.382 $\pm$ 0.357 χ^2 /NDF: 126984.7/10

1000.819 $\pm$ 0.250 χ^2 /NDF: 250093.9/22

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

reg_asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1230.265+/-283.764 χ^2/NDF : 6.4/10

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

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

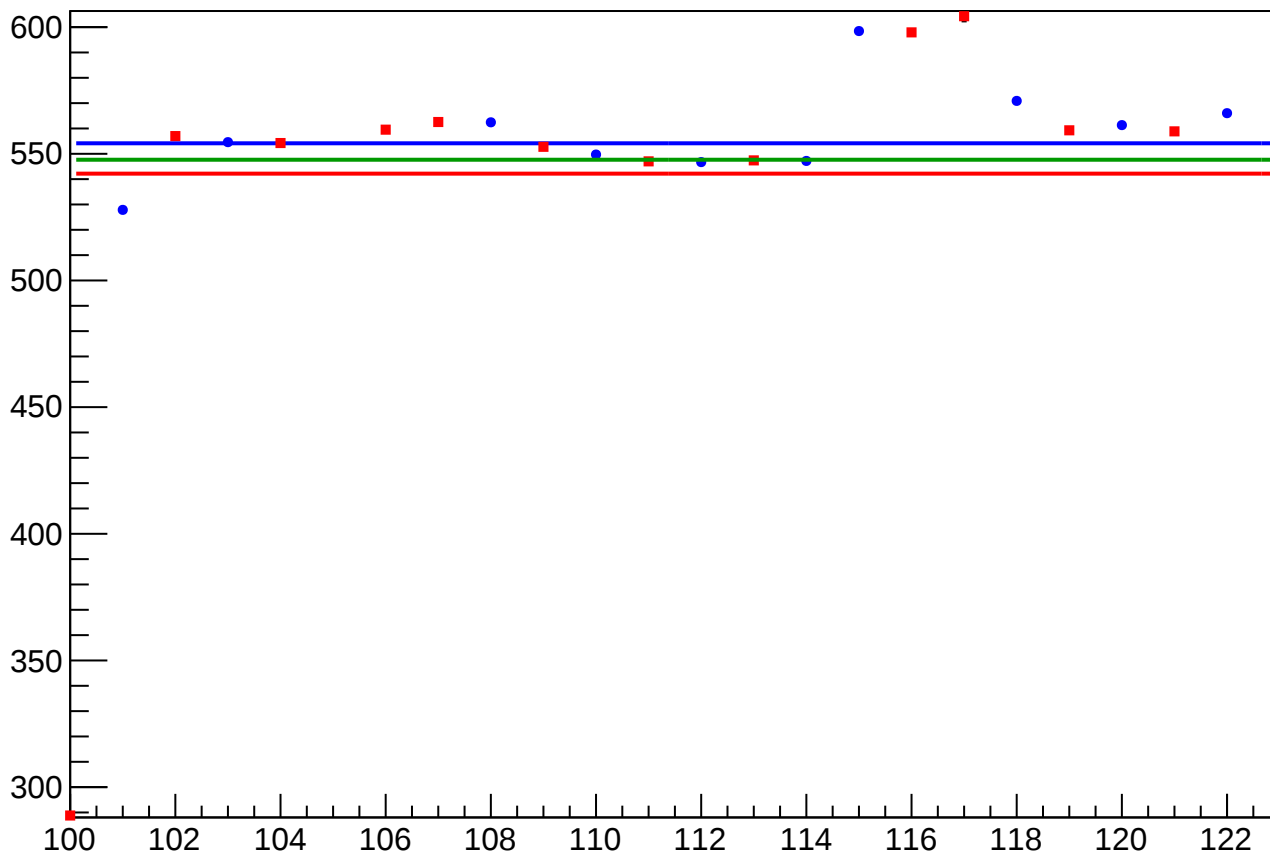
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1230.265+/-283.764 χ^2/NDF : 6.4/10

946.485+/-192.095 χ^2/NDF : 13.5/22

706.428+/-260.989 χ^2/NDF : 5.3/11

reg_asym_right_dd_rms vs Slug, Sign Corrected



Right In: 554.151 $\pm$ 0.201 χ^2 /NDF: 6166.3/10

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

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

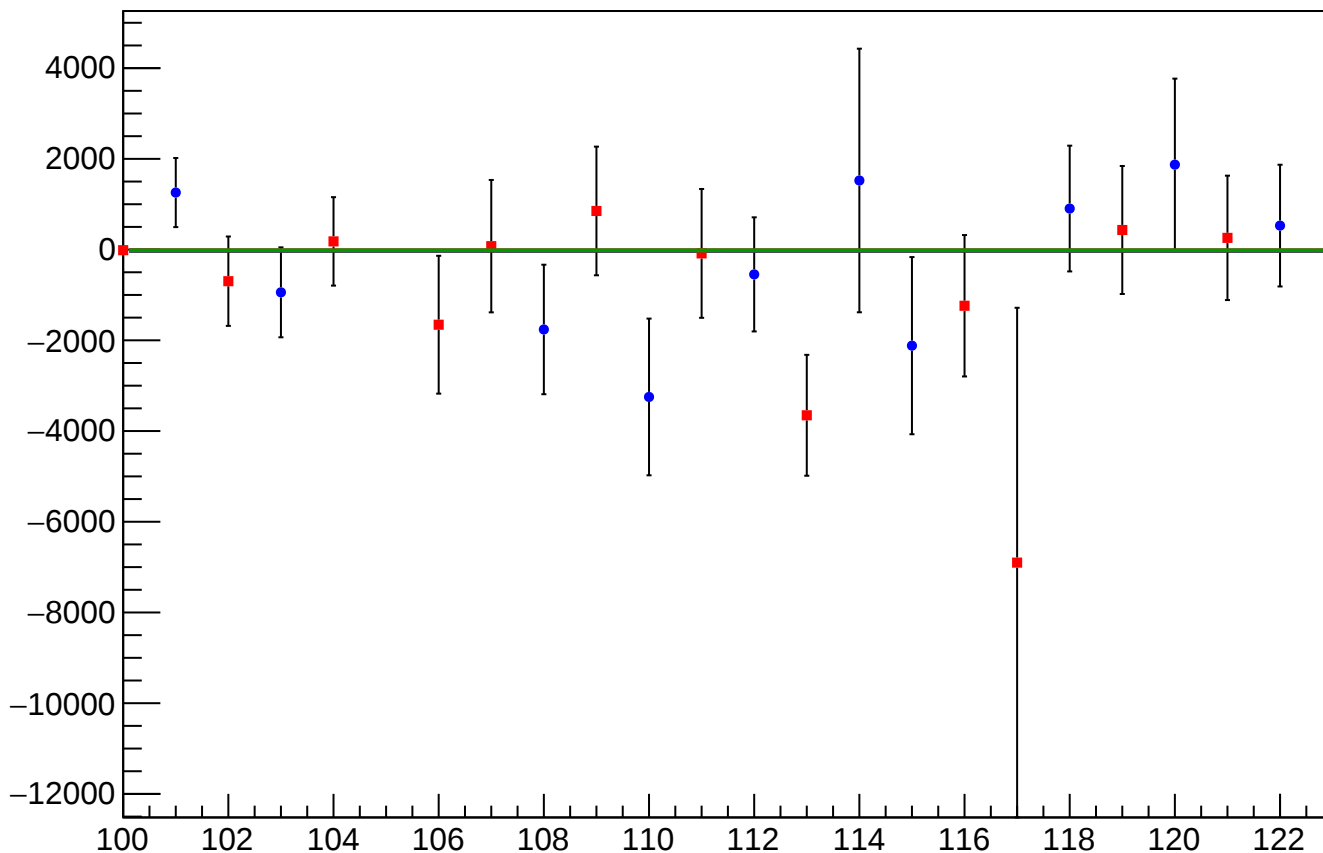
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

554.151 $\pm$ 0.201 χ^2 /NDF: 6166.3/10

547.661 $\pm$ 0.136 χ^2 /NDF: 126697.3/22

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

asym_right_dd_correction_mean vs Slug, Sign Corrected



Right In: -27.371 $\pm$ 409.116 χ^2 /NDF: 11.9/10

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

Right Out: -17.850 $\pm$ 39.043 χ^2 /NDF: 11.8/11

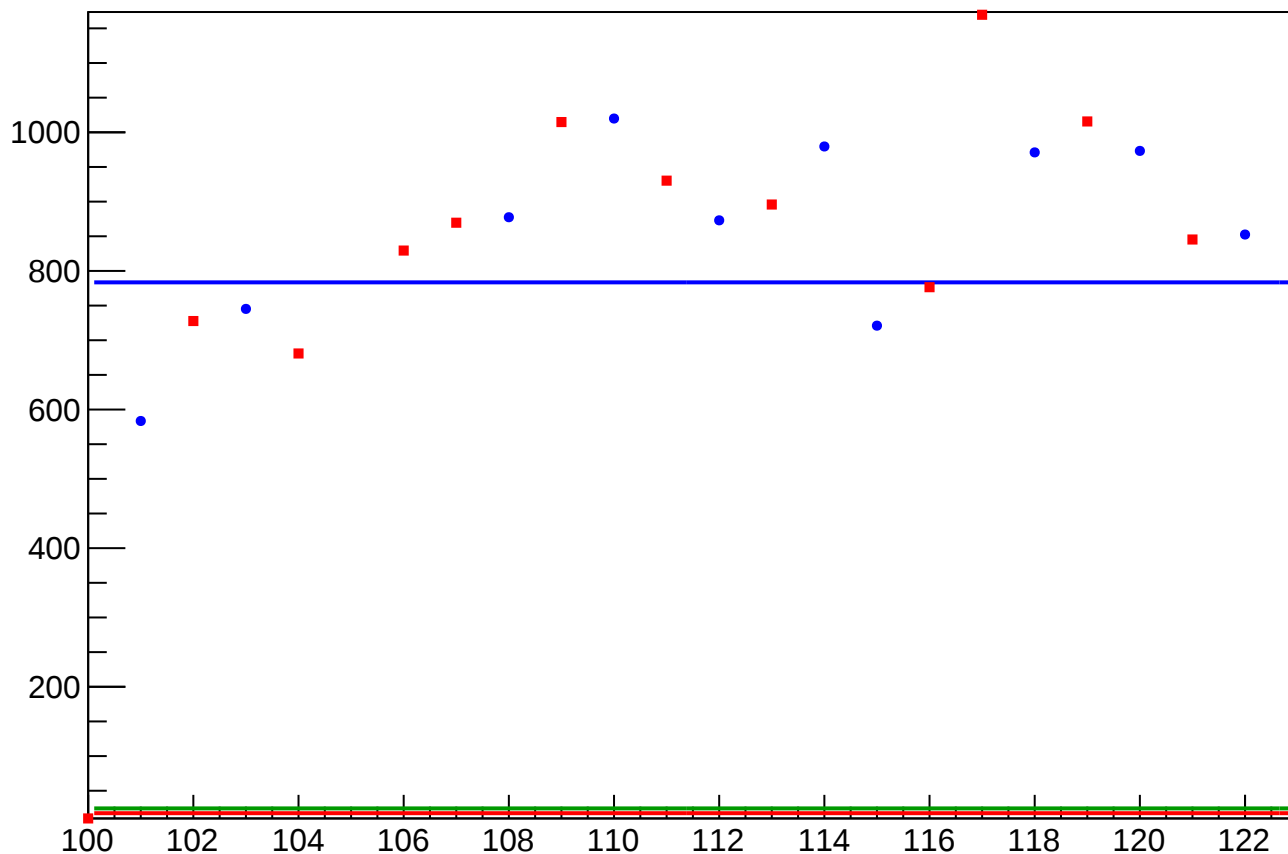
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-27.371 $\pm$ 409.116 χ^2 /NDF: 11.9/10

-17.936 $\pm$ 38.867 χ^2 /NDF: 23.7/22

-17.850 $\pm$ 39.043 χ^2 /NDF: 11.8/11

asym_right_dd_correction_rms vs Slug, Sign Corrected



Right In: 783.506 $\pm$ 0.289 χ^2 /NDF: 271851.6/10

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

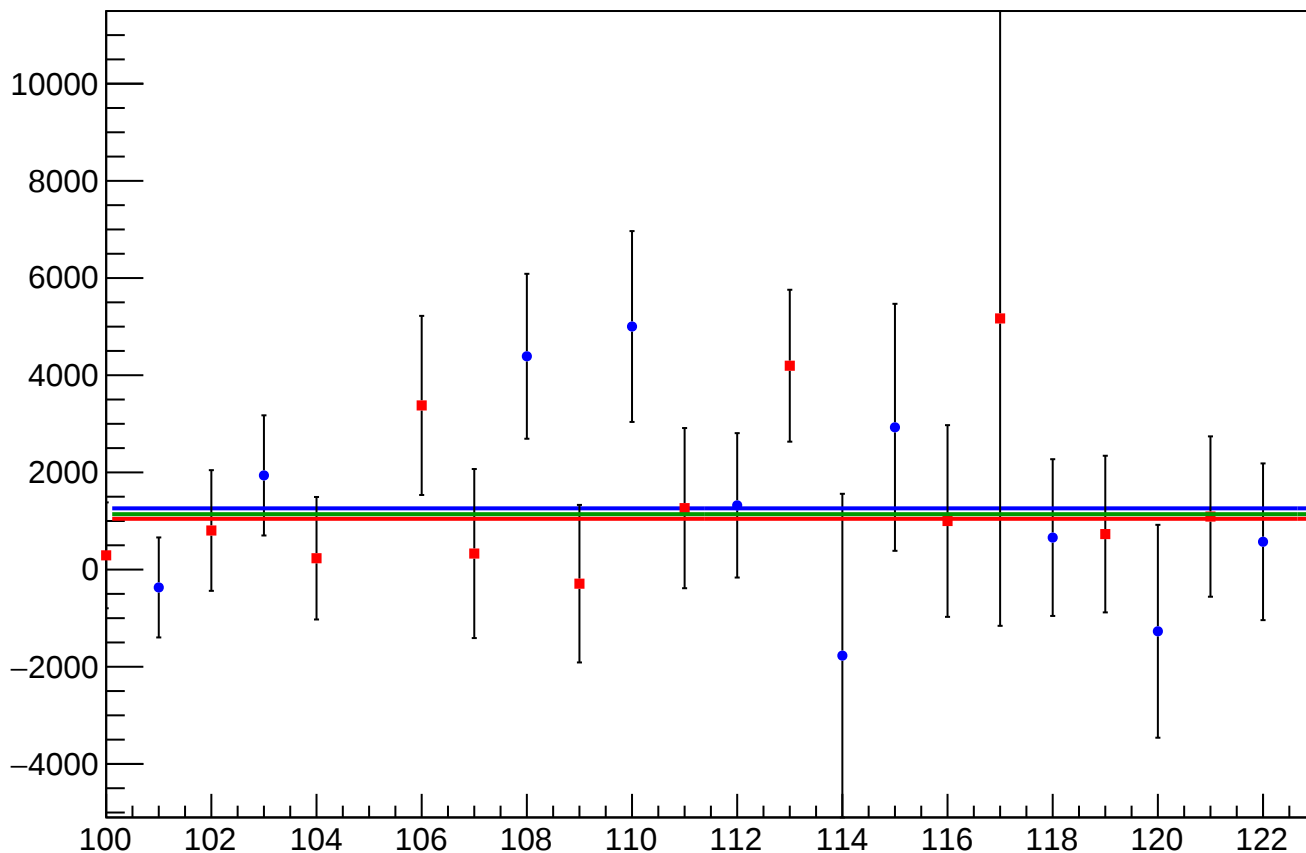
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

783.506 $\pm$ 0.289 χ^2 /NDF: 271851.6/10

24.517 $\pm$ 0.027 χ^2 /NDF: 15480910.2/22

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

asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1260.281 $\pm$ 505.682 χ^2 /NDF: 12.8/10

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

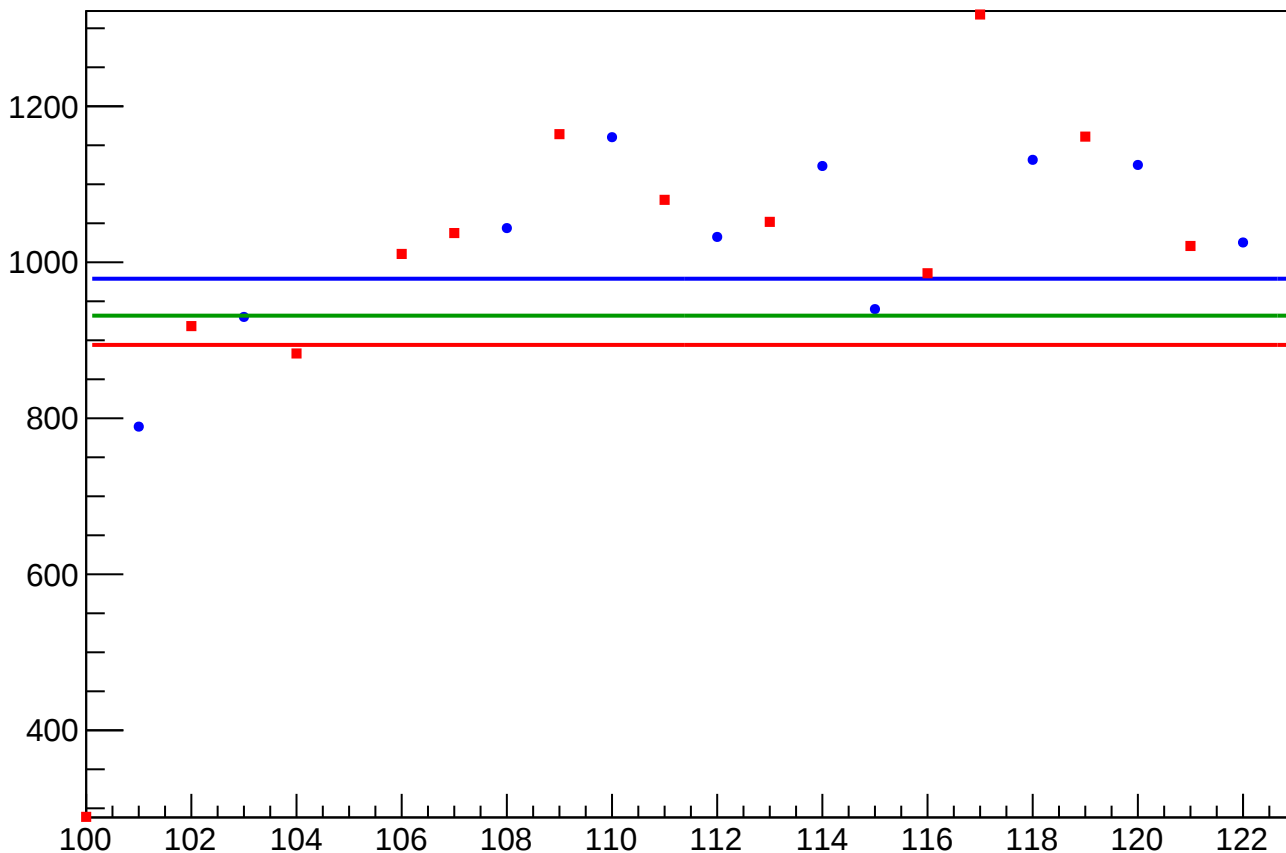
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1260.281 $\pm$ 505.682 χ^2 /NDF: 12.8/10

1140.203 $\pm$ 336.197 χ^2 /NDF: 20.8/22

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

asym_right_dd_rms vs Slug, Sign Corrected



Right In: 978.932 $\pm$ 0.358 χ^2 /NDF: 127004.4/10

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

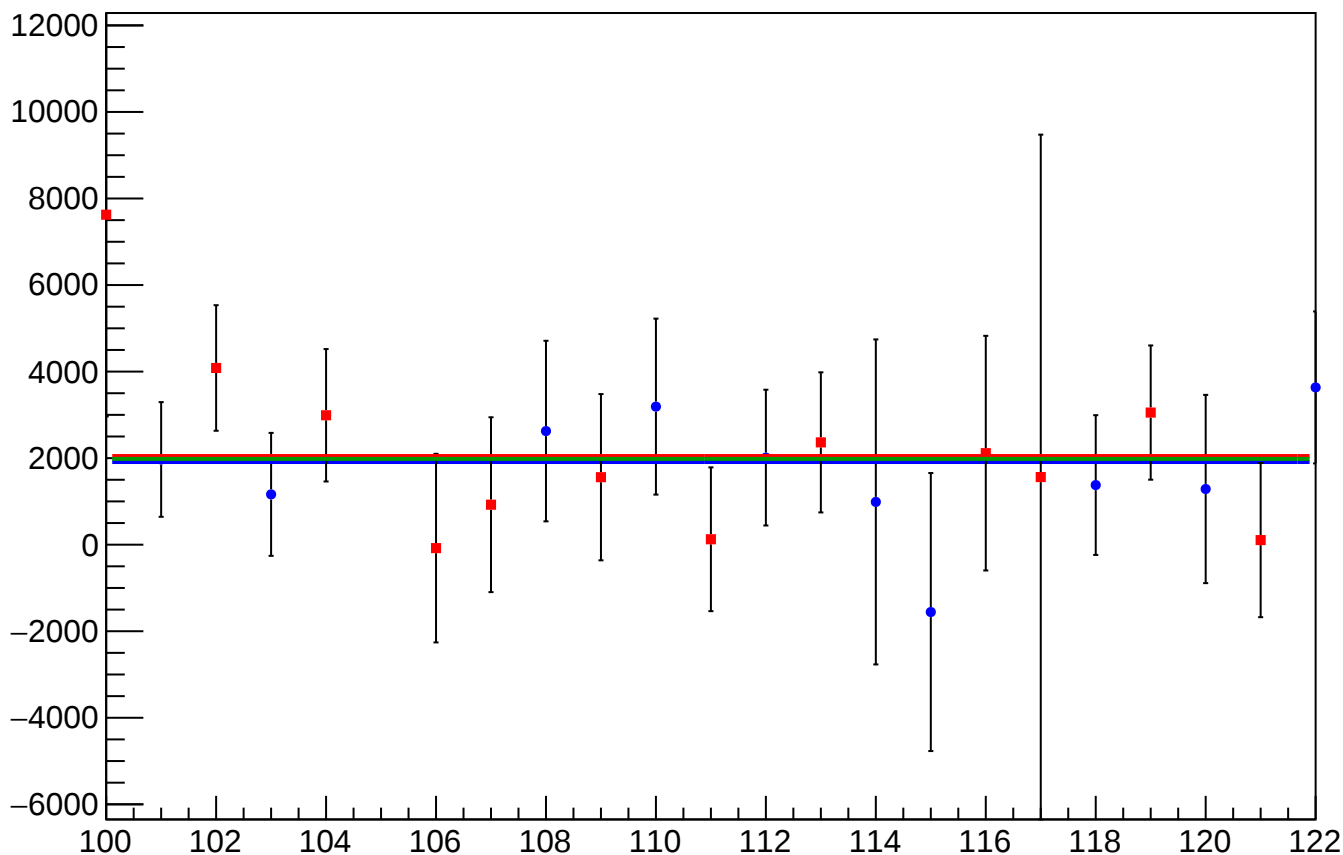
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

978.932 $\pm$ 0.358 χ^2 /NDF: 127004.4/10

931.583 $\pm$ 0.238 χ^2 /NDF: 979198.6/22

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

cor_usl_mean vs Slug, Sign Corrected



Right In: 1910.425+/-574.492 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

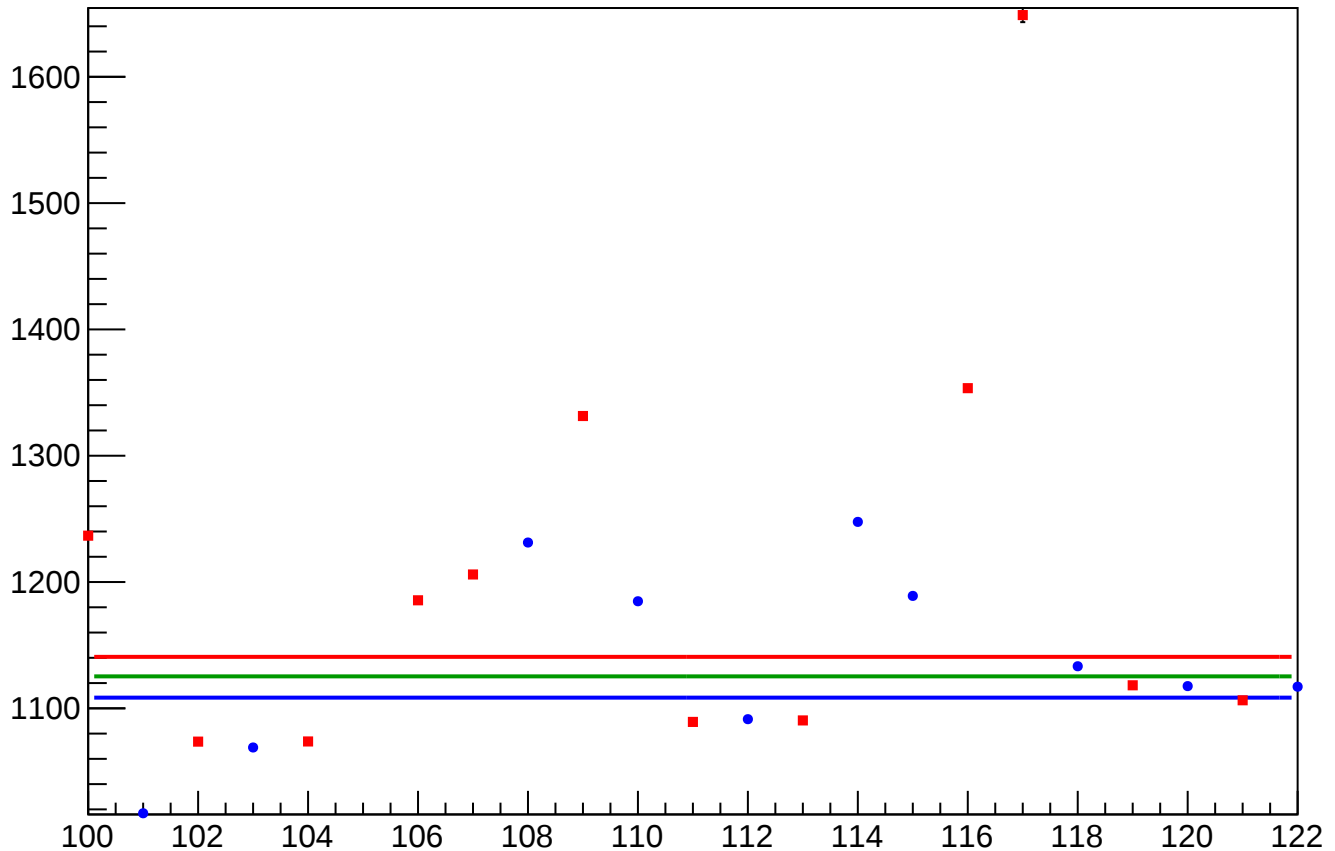
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1910.425+/-574.492 χ^2/NDF : 3.2/9

1982.417+/-397.433 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: 1108.469 $\pm$ 0.406 χ^2 /NDF: 25633.8/9

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

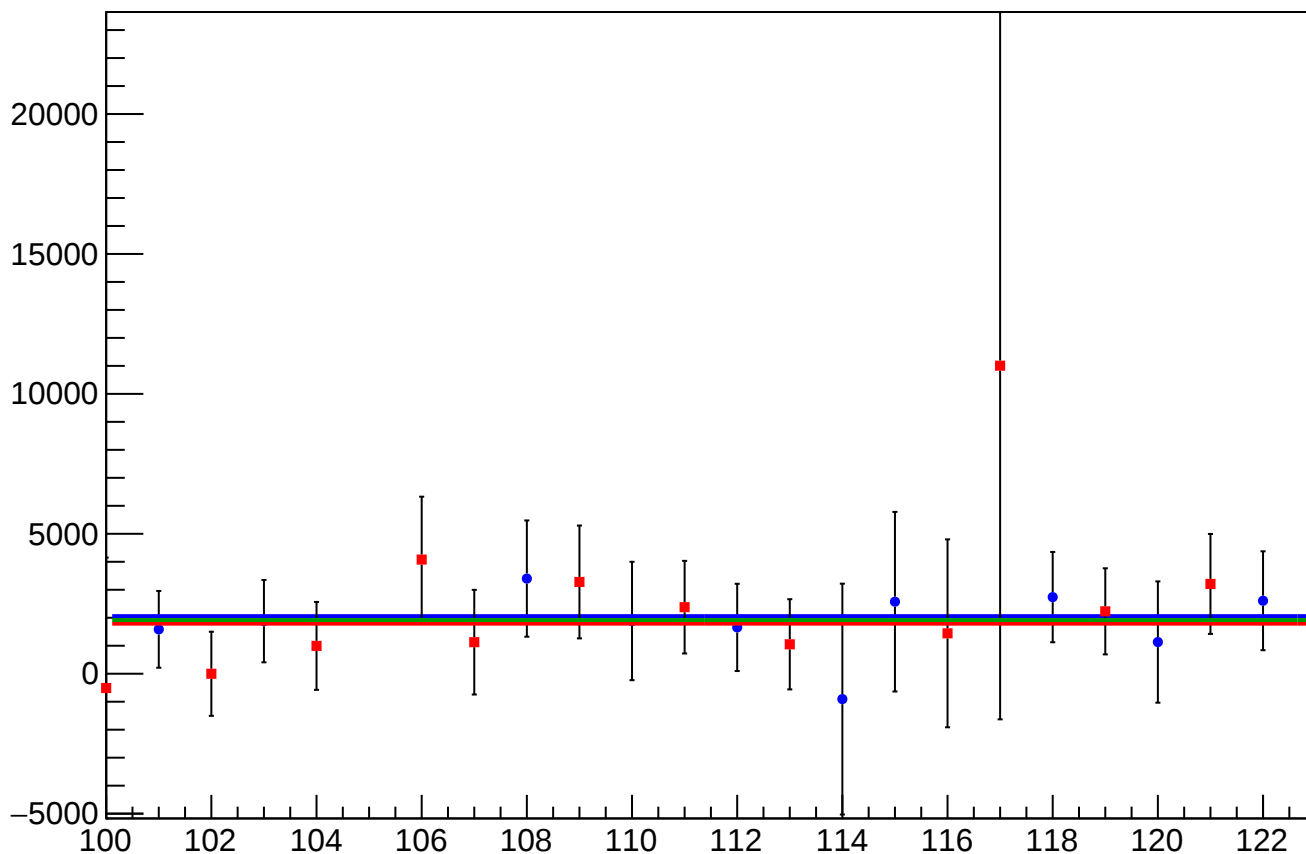
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1108.469 $\pm$ 0.406 χ^2 /NDF: 25633.8/9

1125.306 $\pm$ 0.281 χ^2 /NDF: 86101.6/21

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

cor_usr_mean vs Slug, Sign Corrected



Right In: 2056.947 $\pm$ 580.966 χ^2 /NDF: 2.0/10

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

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

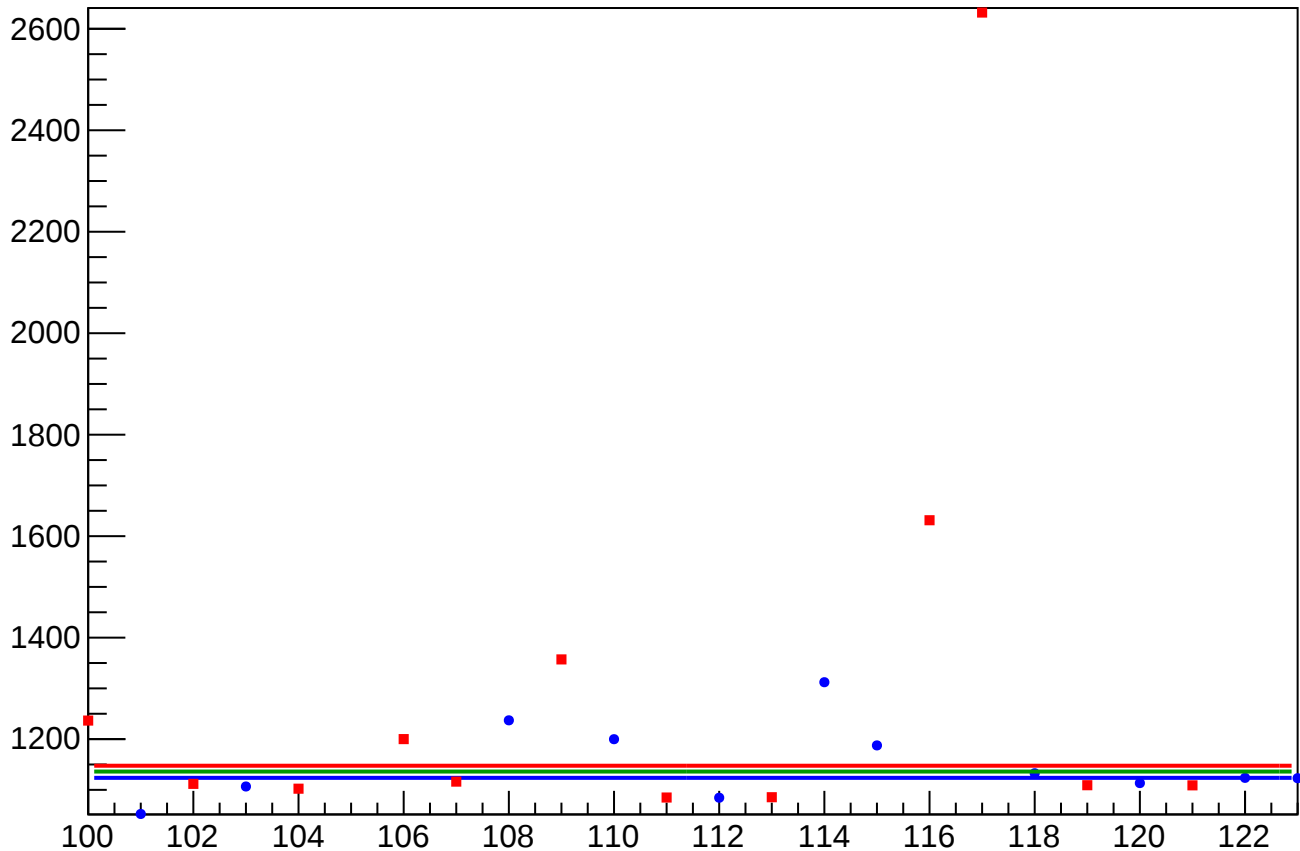
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2056.947 $\pm$ 580.966 χ^2 /NDF: 2.0/10

1917.683 $\pm$ 402.638 χ^2 /NDF: 7.4/22

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

cor_usr_rms vs Slug, Sign Corrected



Right In: 1123.675 ± 0.411 χ^2/NDF : 20548.6/10

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

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

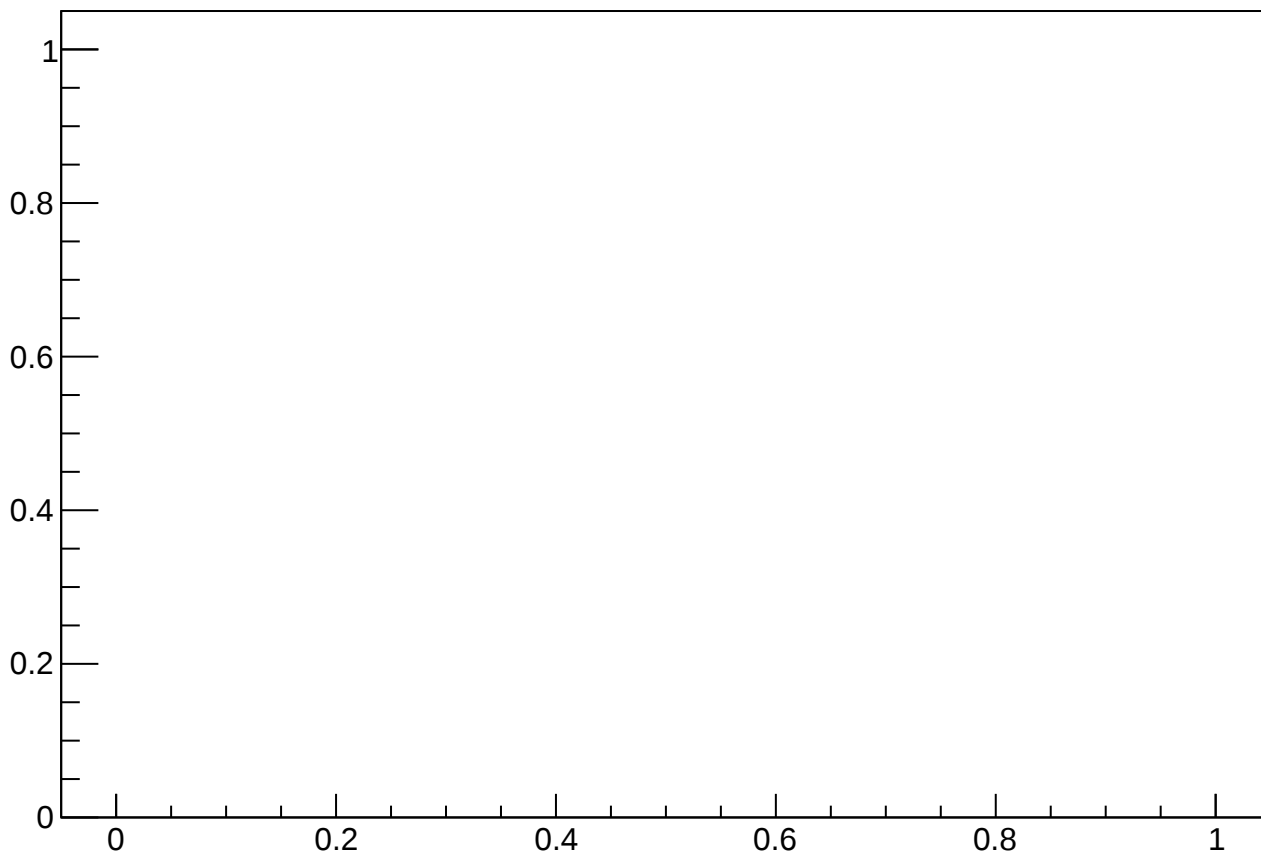
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1123.675 ± 0.411 χ^2/NDF : 20548.6/10

1136.087 ± 0.285 χ^2/NDF : 126224.6/22

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

cor_dsl_mean vs Slug, Sign Corrected



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

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

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

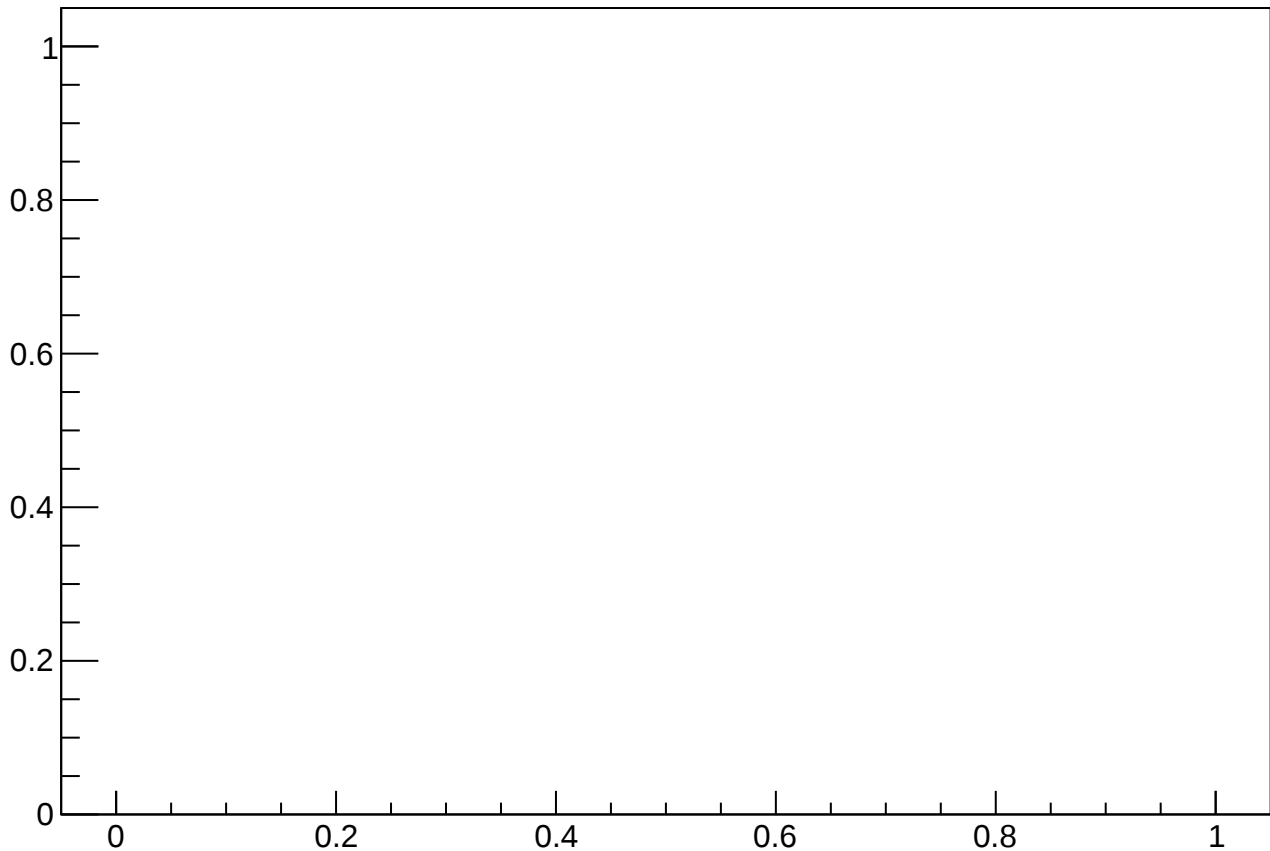
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_dsl_rms vs Slug, Sign Corrected



Right In: 0.000+/-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

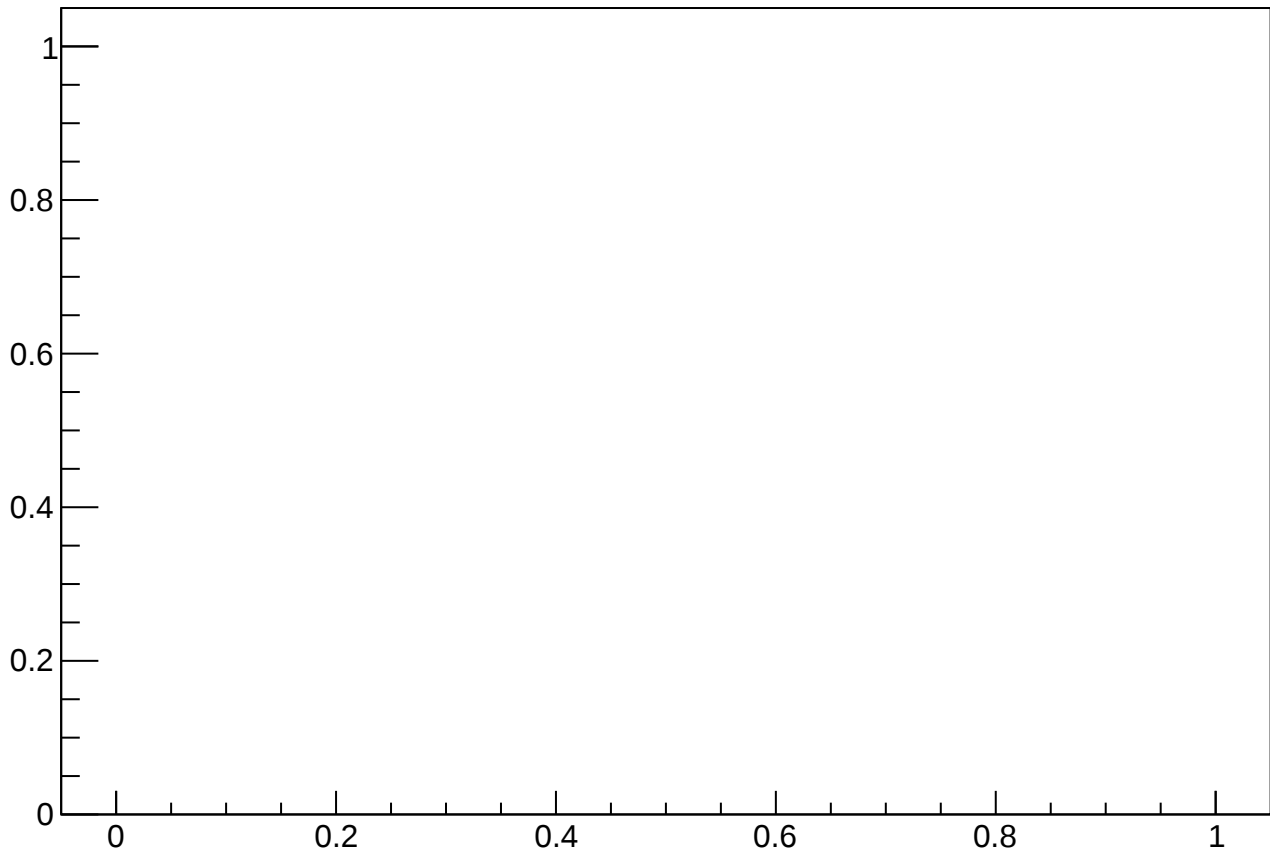
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

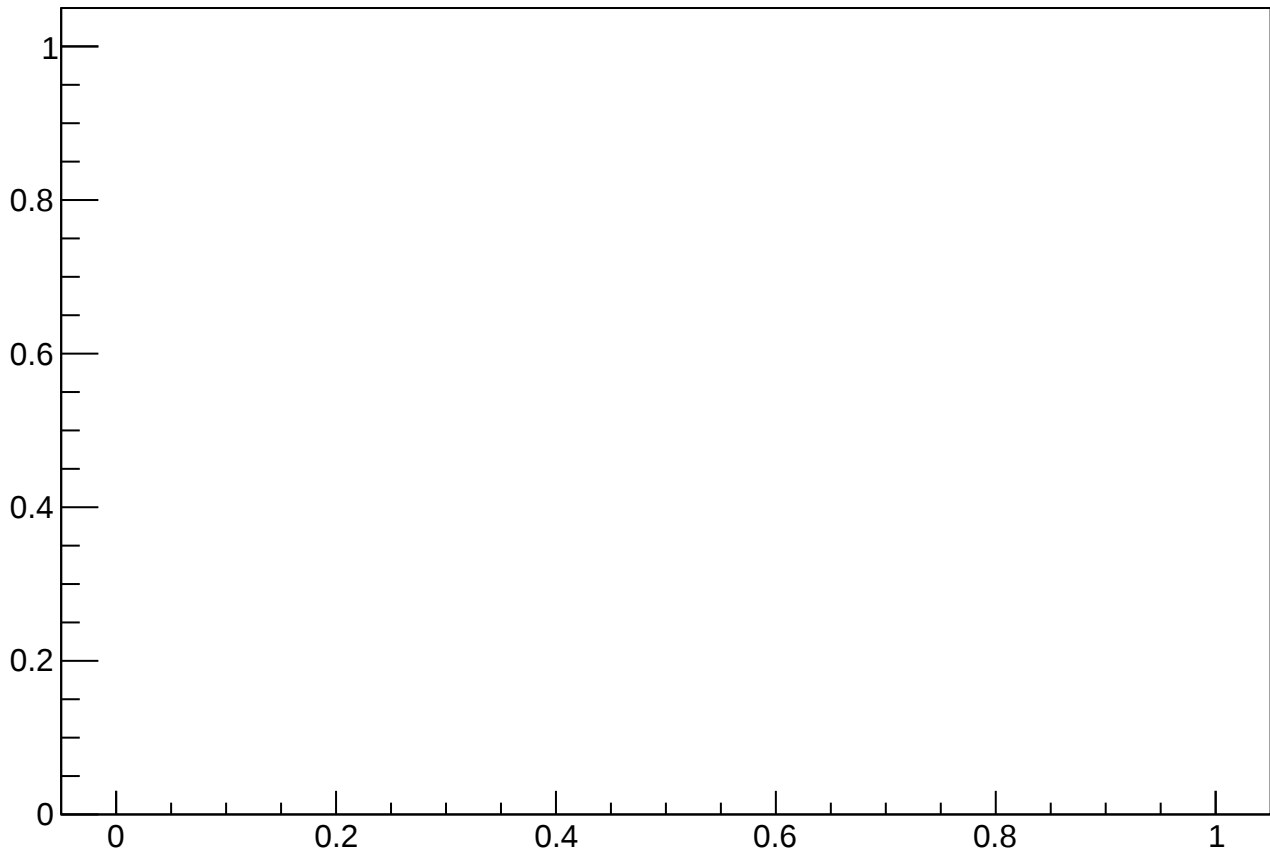
cor_dsr_mean vs Slug, Sign Corrected



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

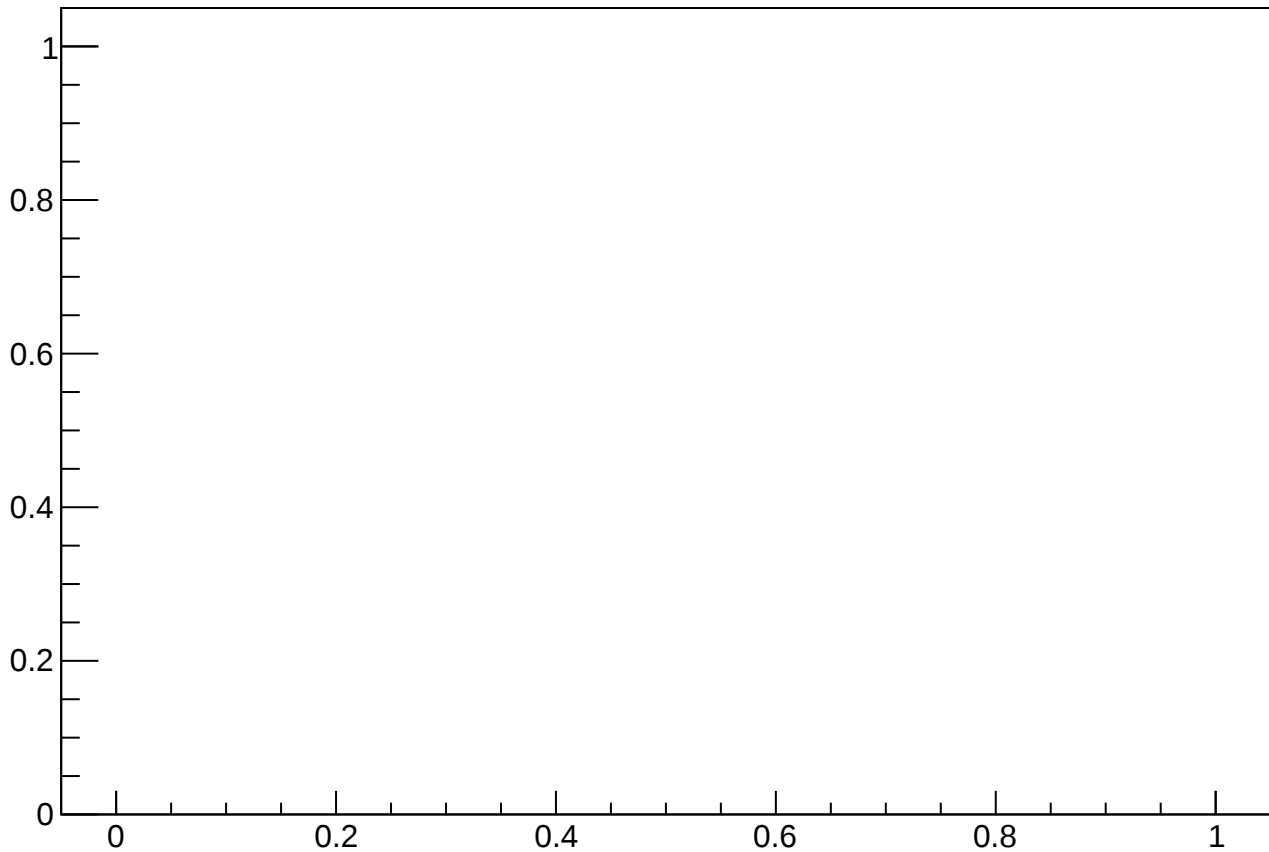
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

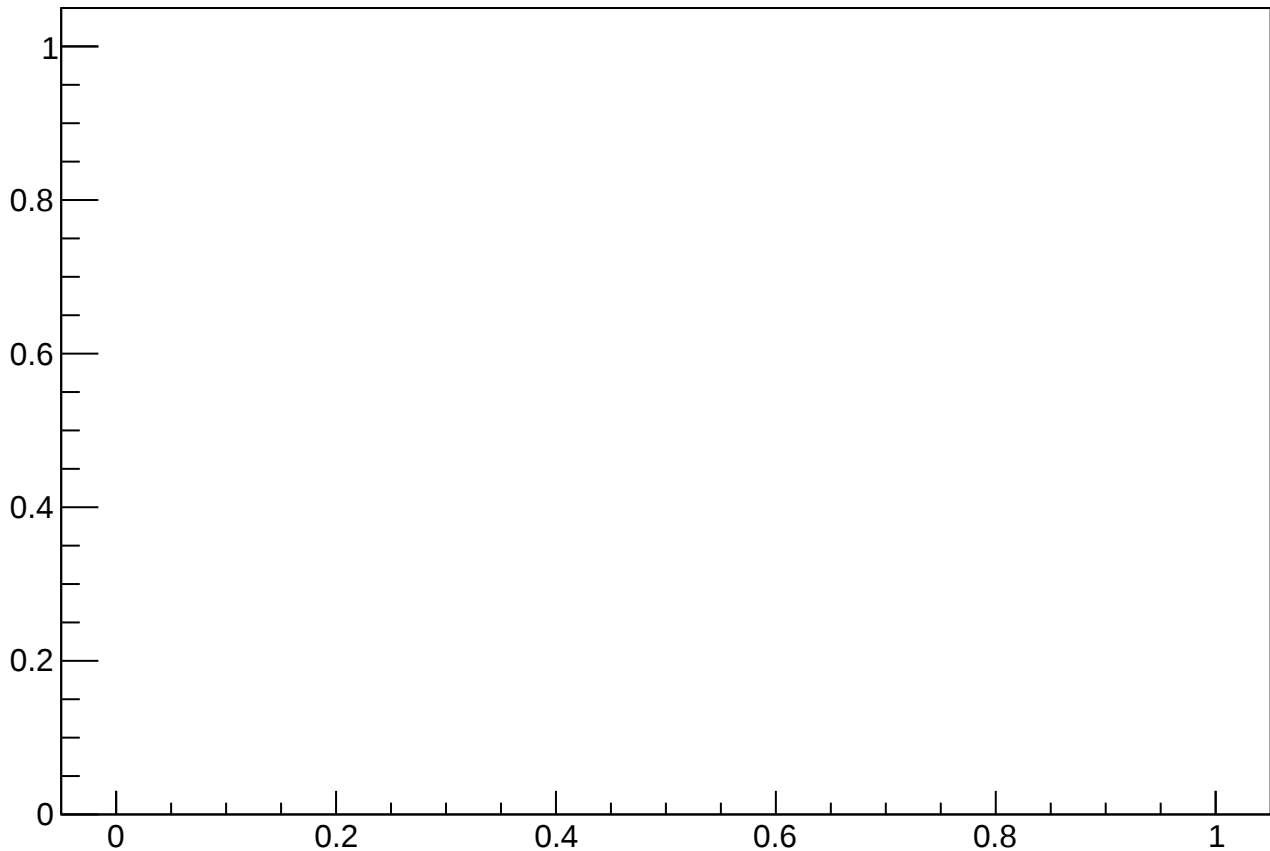
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

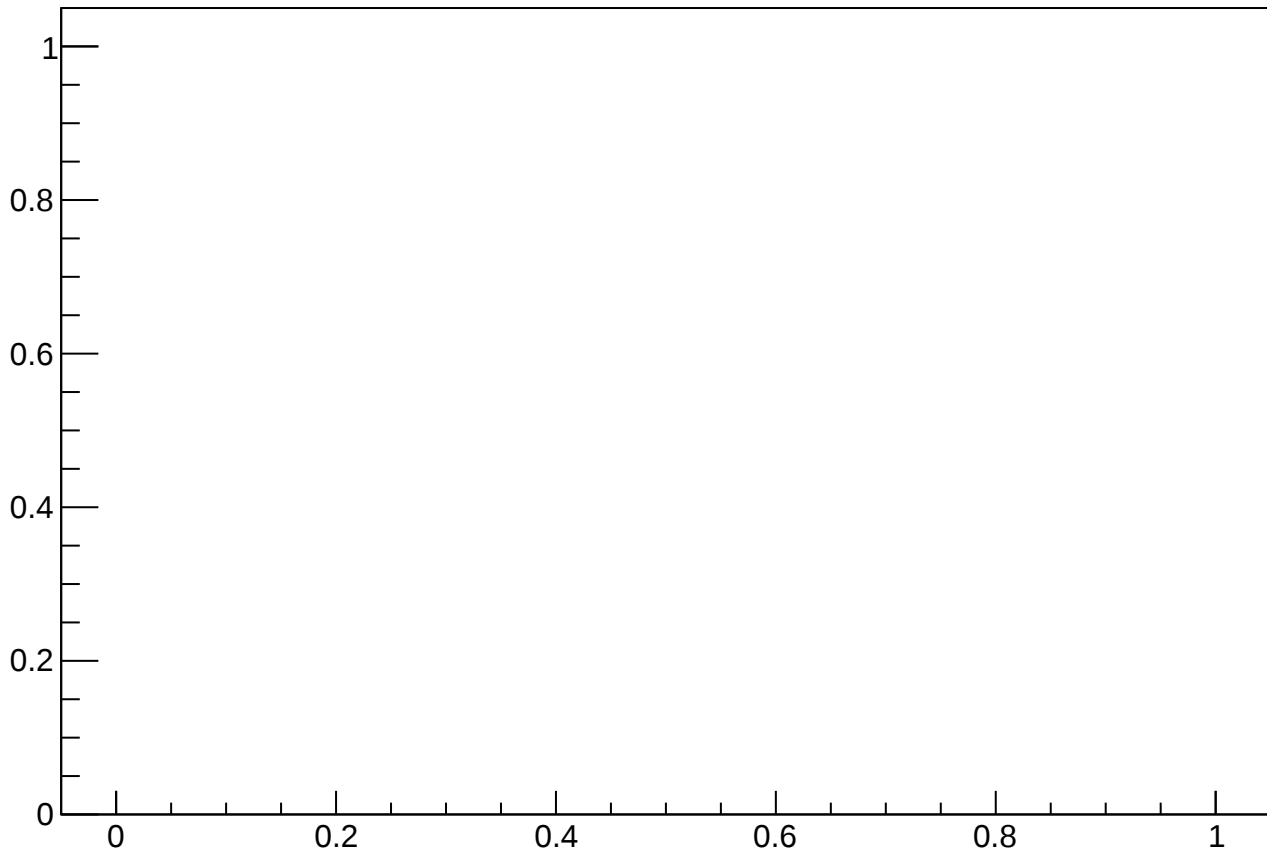
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

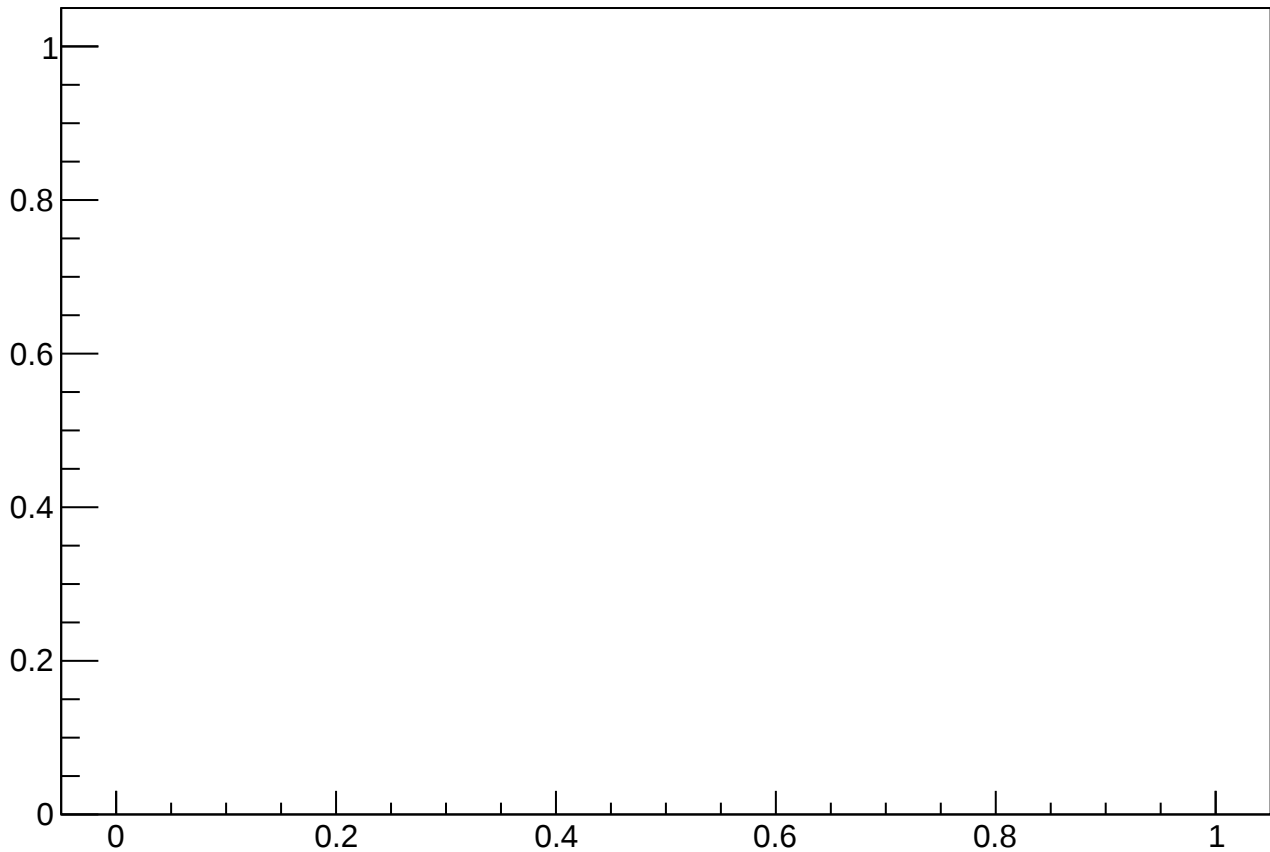
cor_us_dd_mean vs Slug, Sign Corrected



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

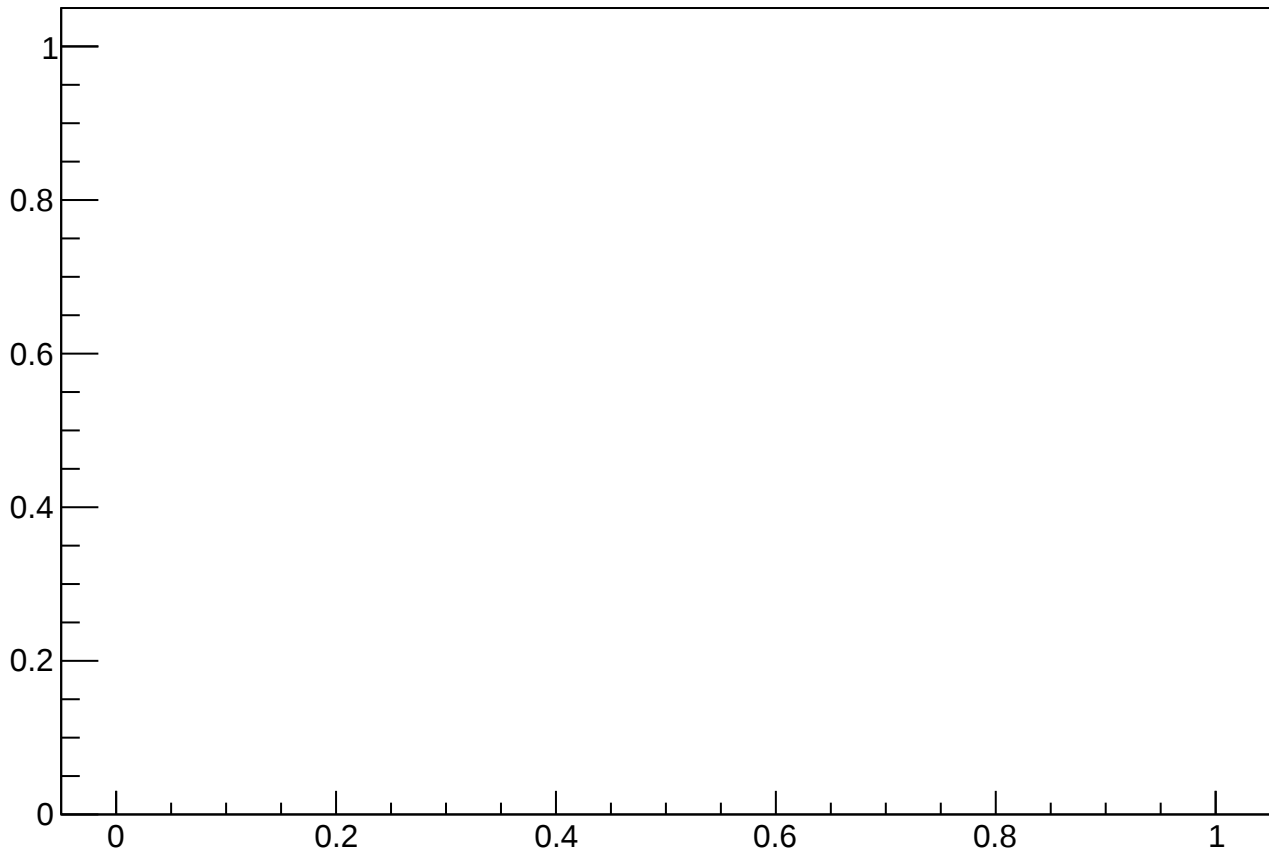
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

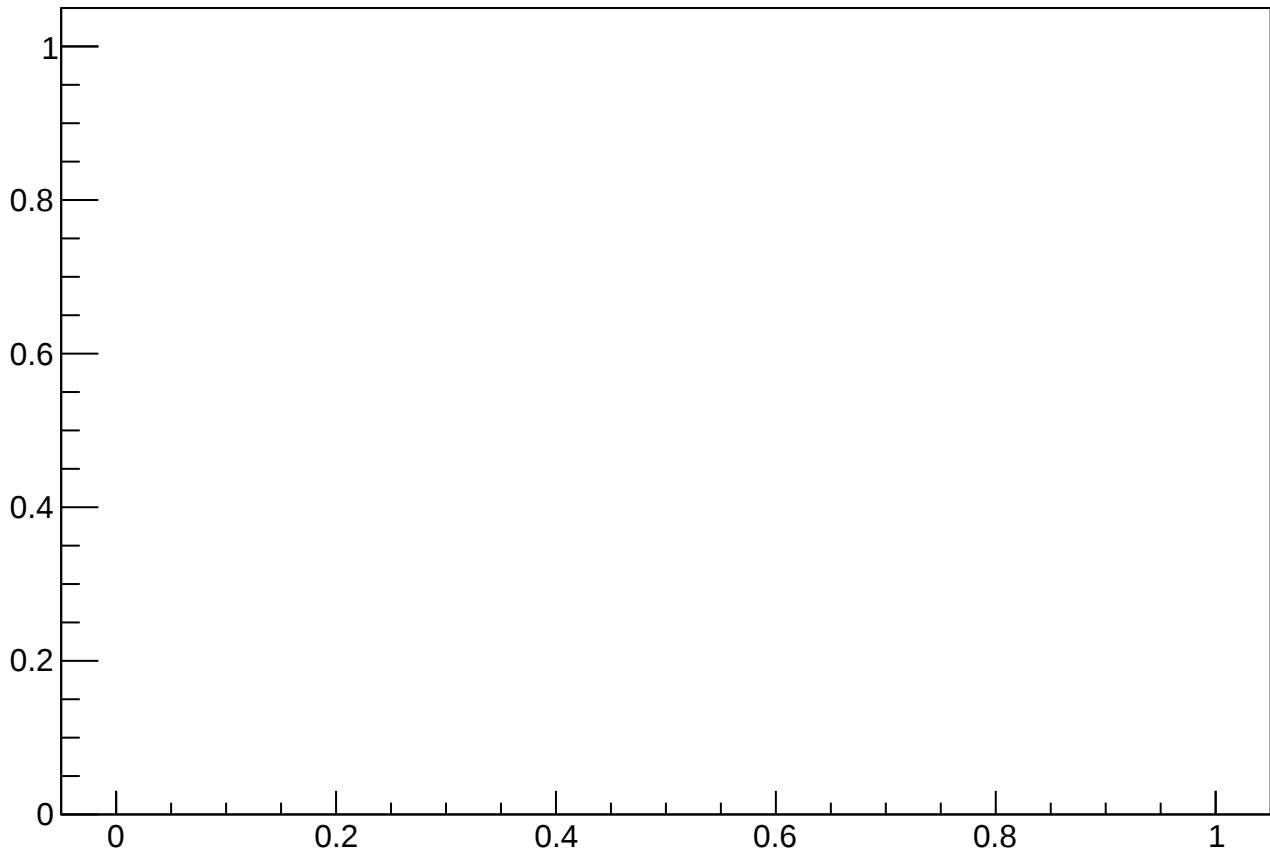
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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+/-0.000 χ^2 /NDF: 0.0/0

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

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

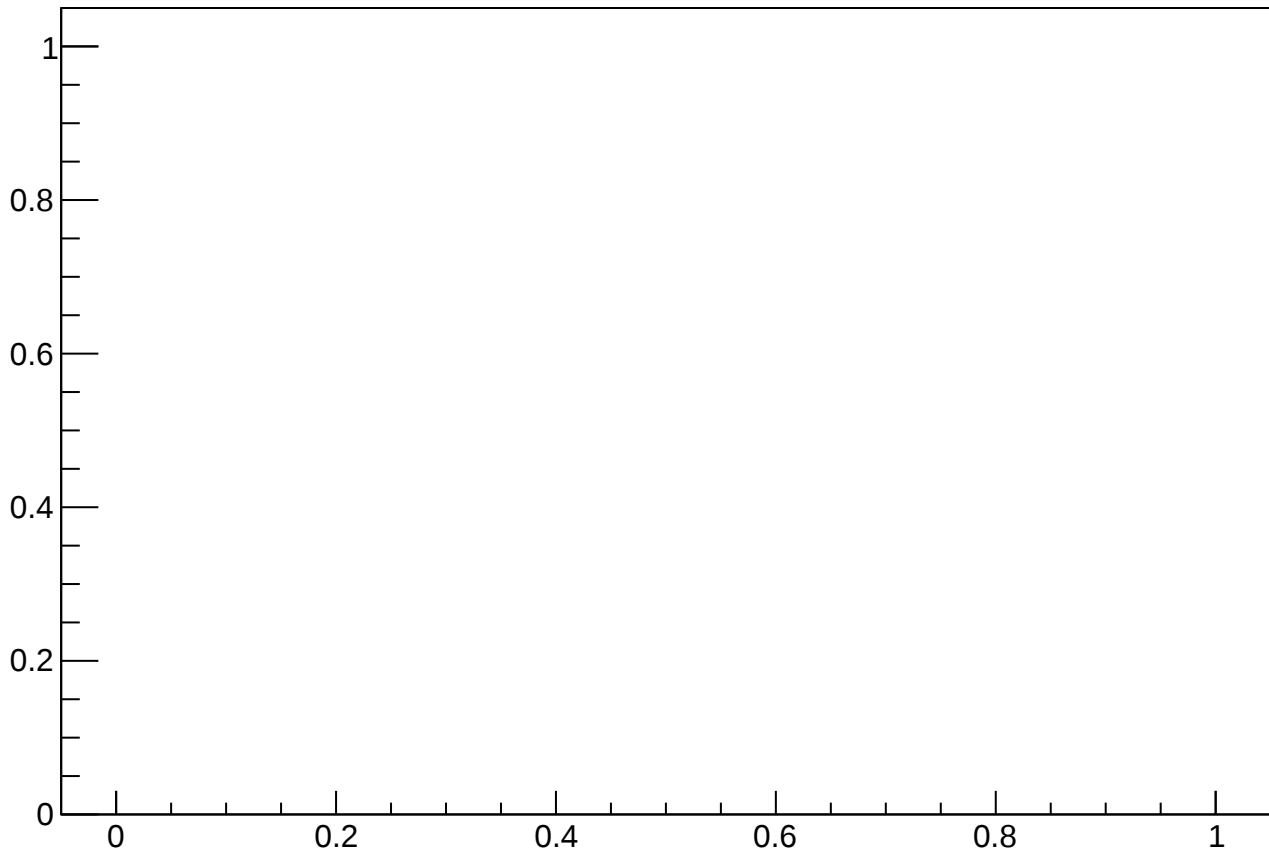
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_ds_dd_mean vs Slug, Sign Corrected



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

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

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

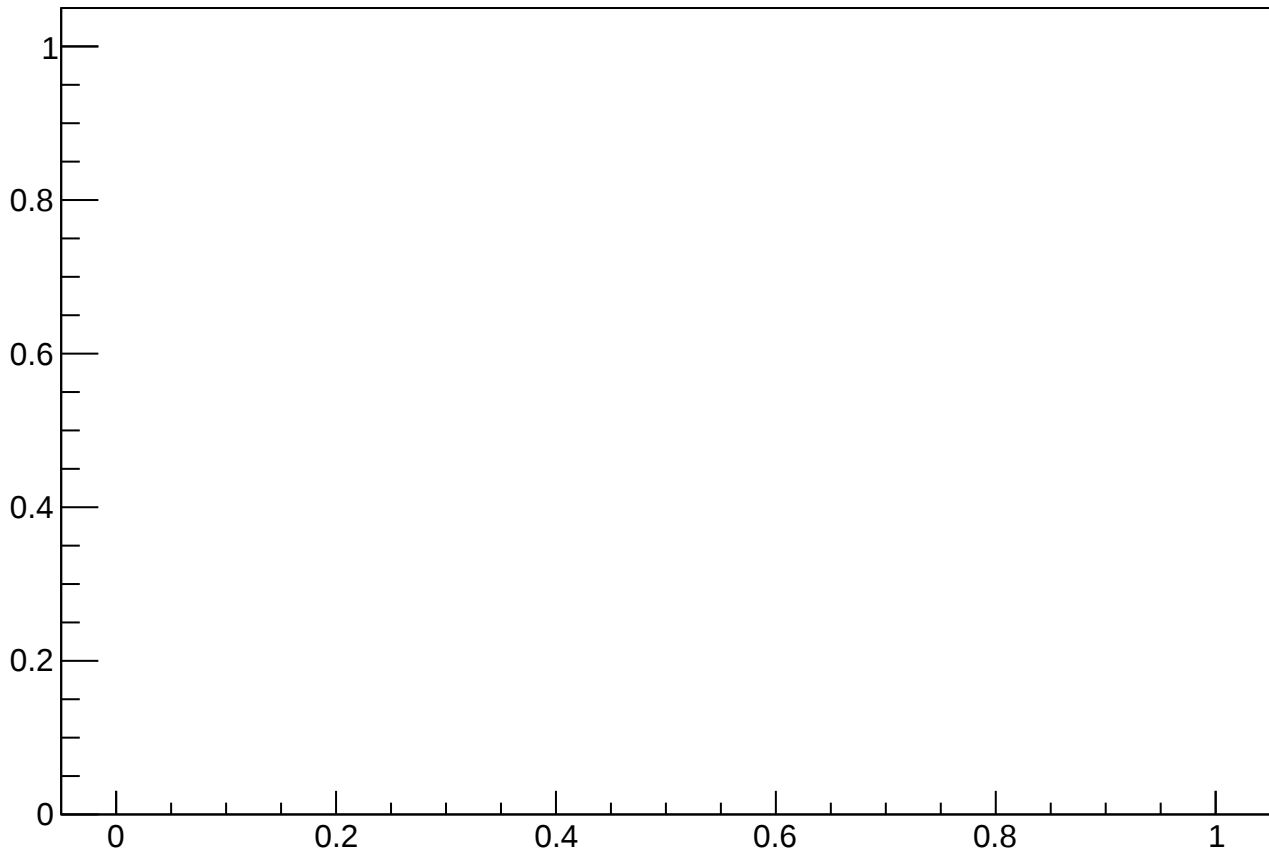
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_ds_dd_rms vs Slug, Sign Corrected



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

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

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

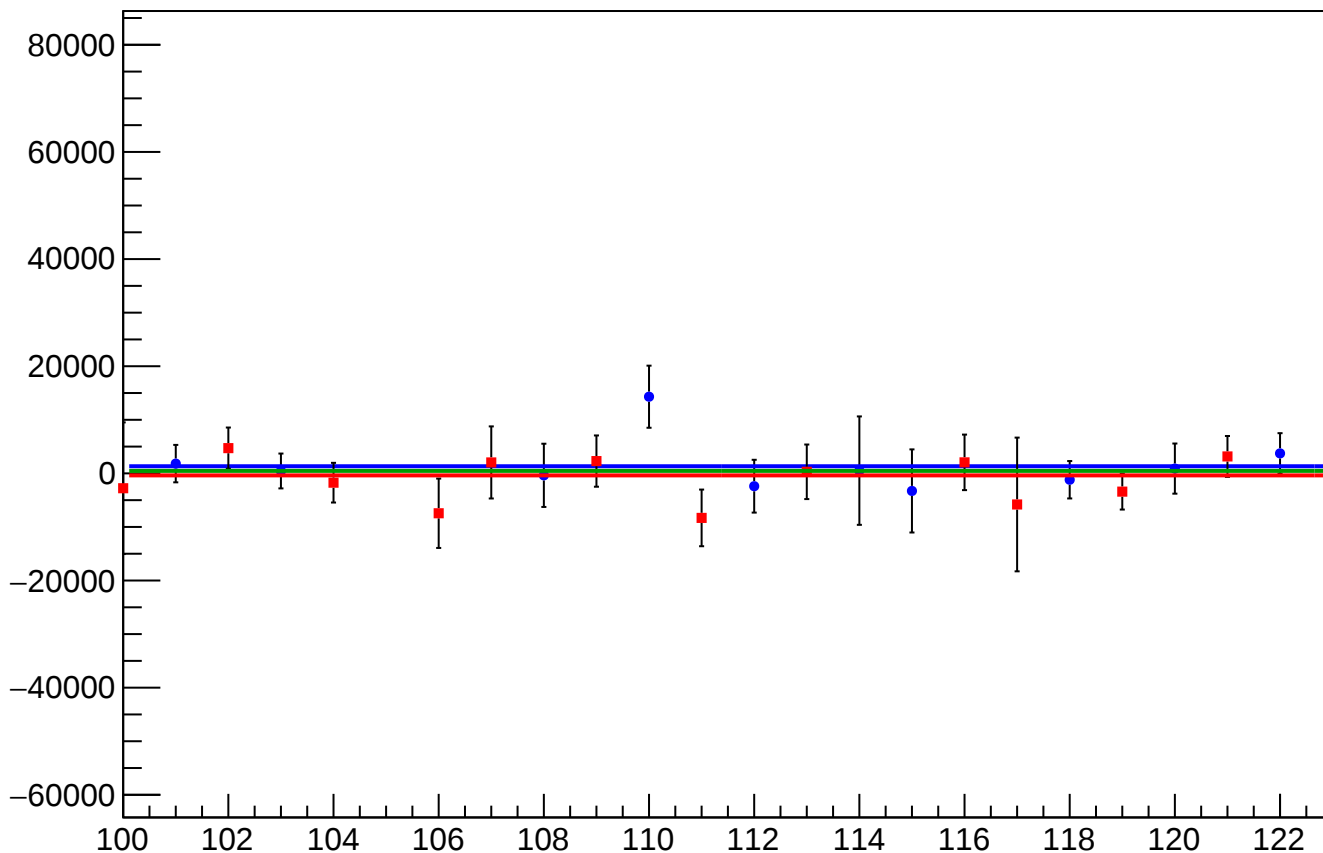
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1329.861+/-1413.394 χ^2/NDF : 7.1/10

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

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

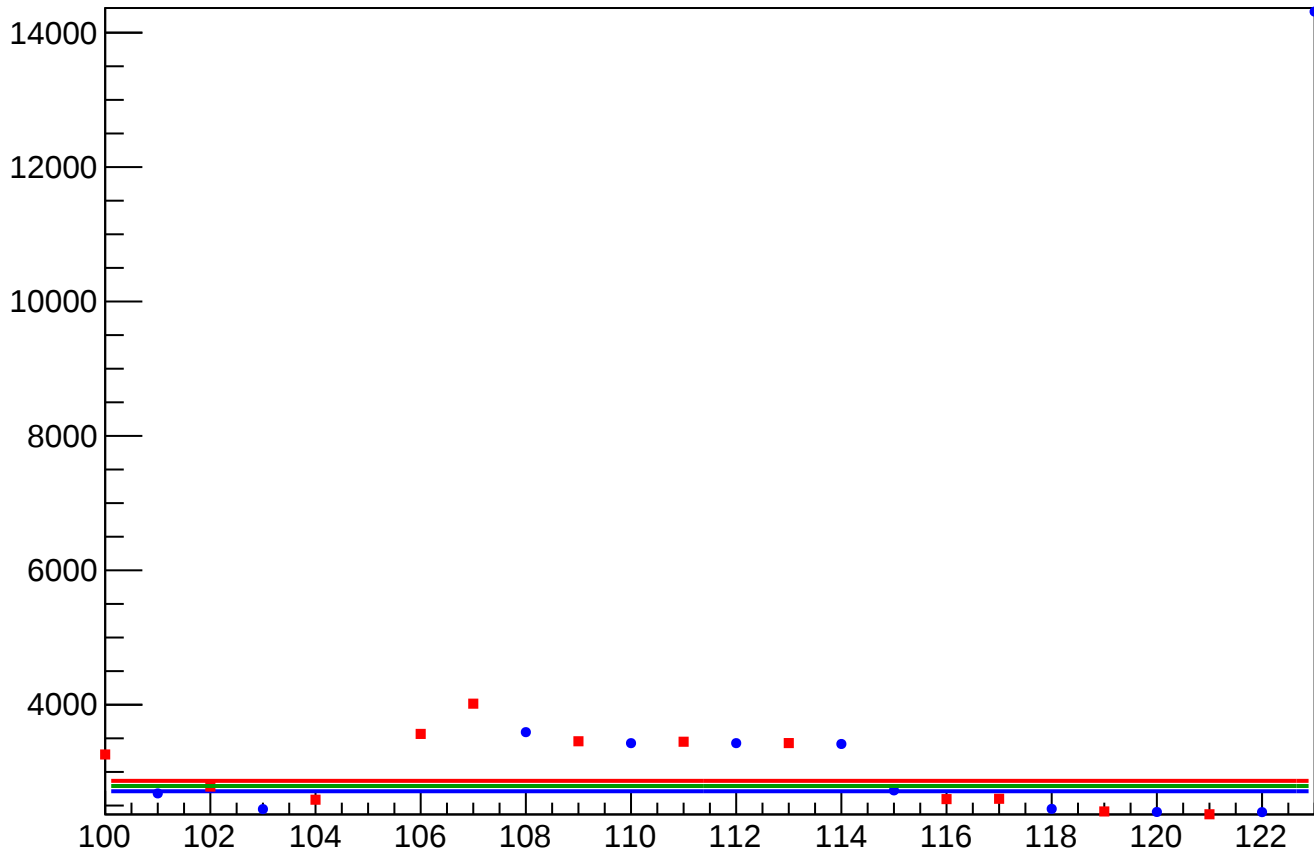
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1329.861+/-1413.394 χ^2/NDF : 7.1/10

466.727+/-993.418 χ^2/NDF : 15.7/22

-375.978+/-1396.567 χ^2/NDF : 7.9/11

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2712.693+/-0.999 χ^2/NDF : 221335.0/10

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

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

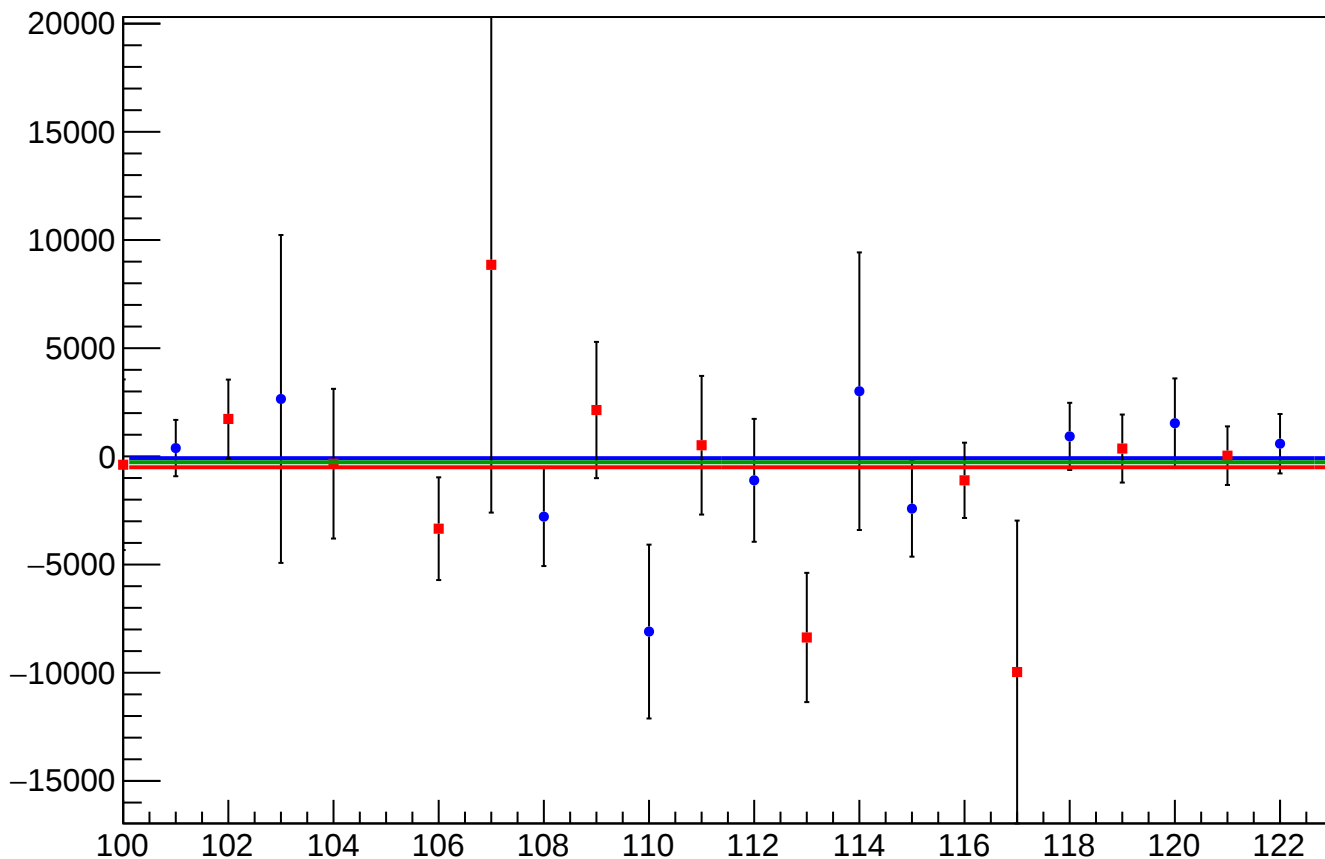
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2712.693+/-0.999 χ^2/NDF : 221335.0/10

2790.985+/-0.702 χ^2/NDF : 485772.2/22

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

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -83.337+/-599.279 χ^2/NDF : 8.4/10

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

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

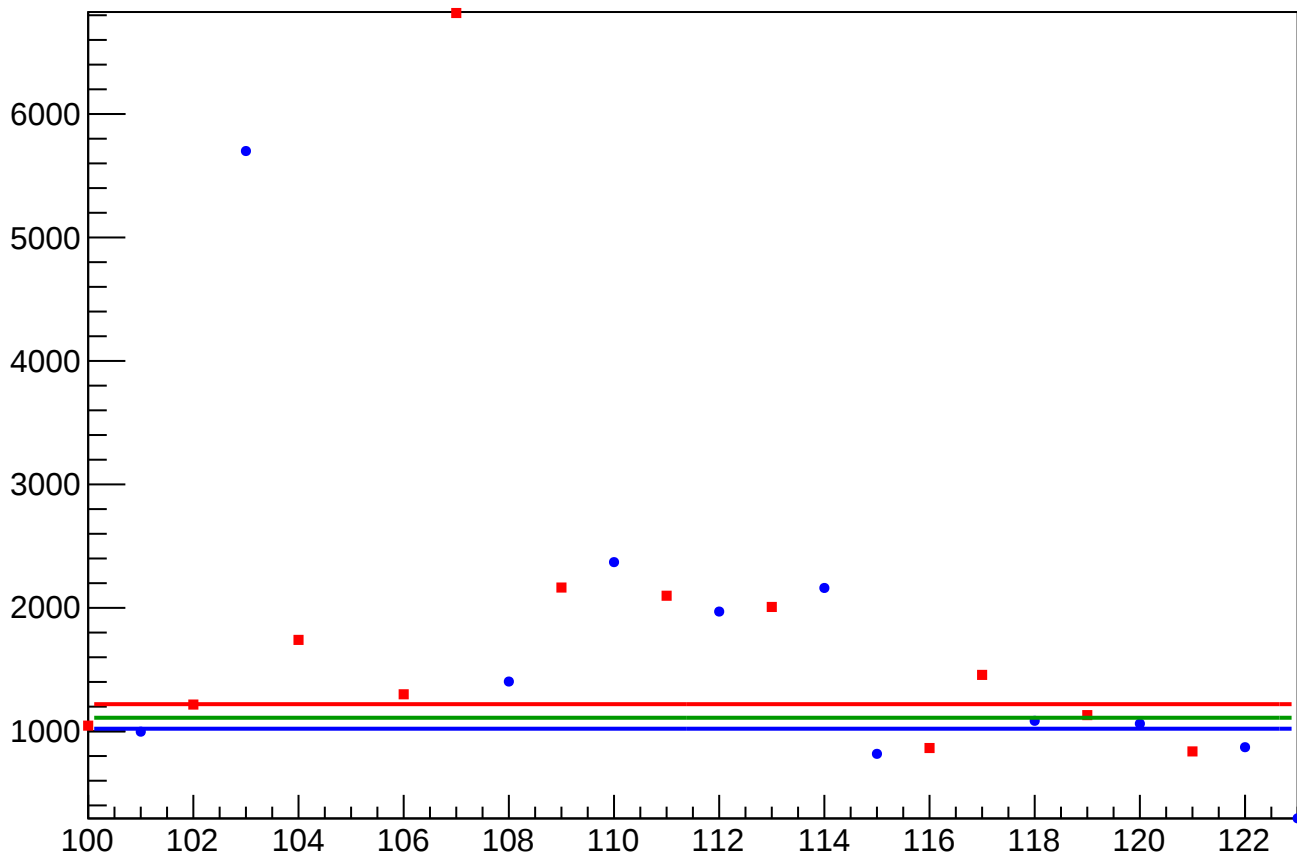
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-83.337+/-599.279 χ^2/NDF : 8.4/10

-271.127+/-445.815 χ^2/NDF : 22.4/22

-503.837+/-667.117 χ^2/NDF : 13.8/11

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1021.212+/-0.424 χ^2/NDF : 1790021.3/10

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

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

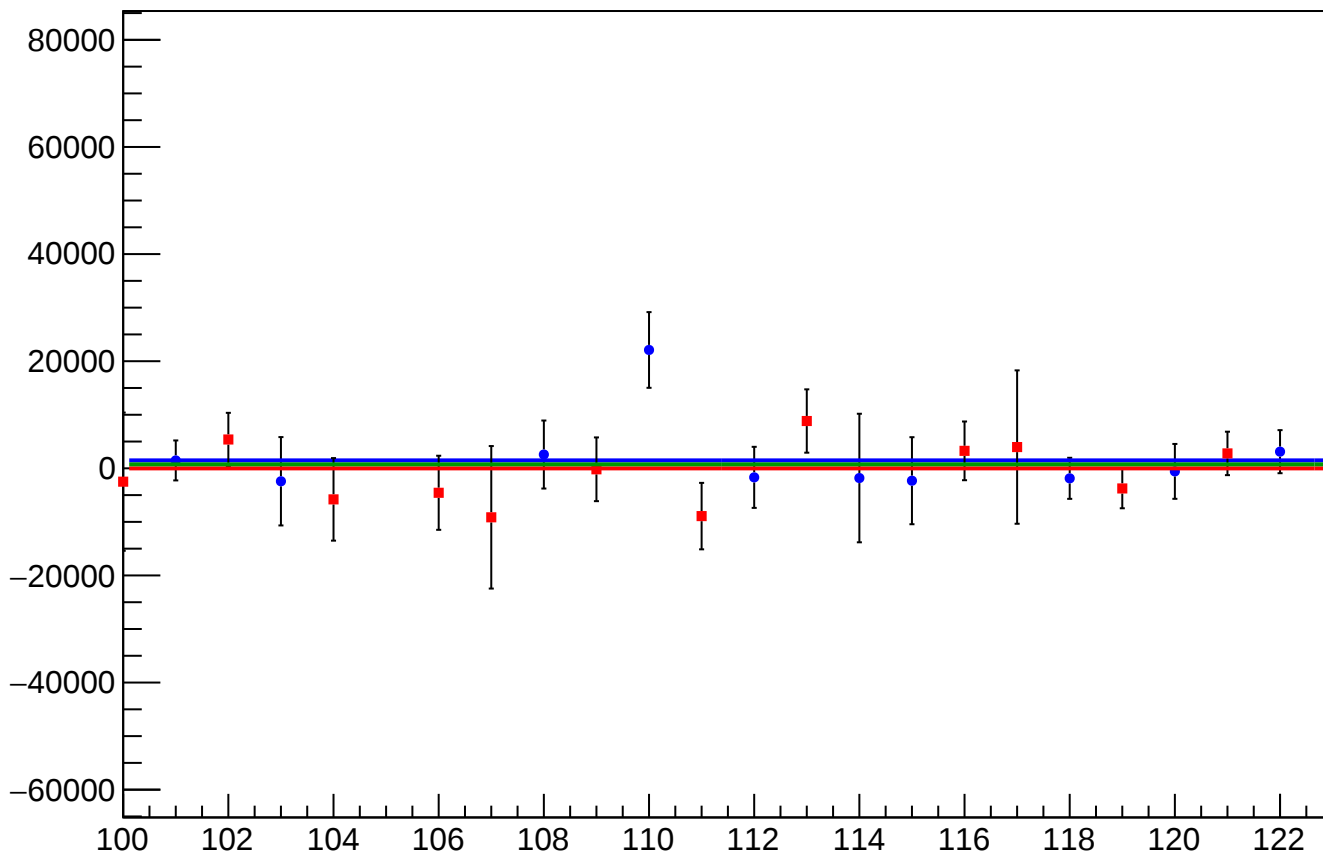
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1021.212+/-0.424 χ^2/NDF : 1790021.3/10

1110.015+/-0.315 χ^2/NDF : 3138710.5/22

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

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1481.794+/-1684.532 χ^2/NDF : 10.5/10

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

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

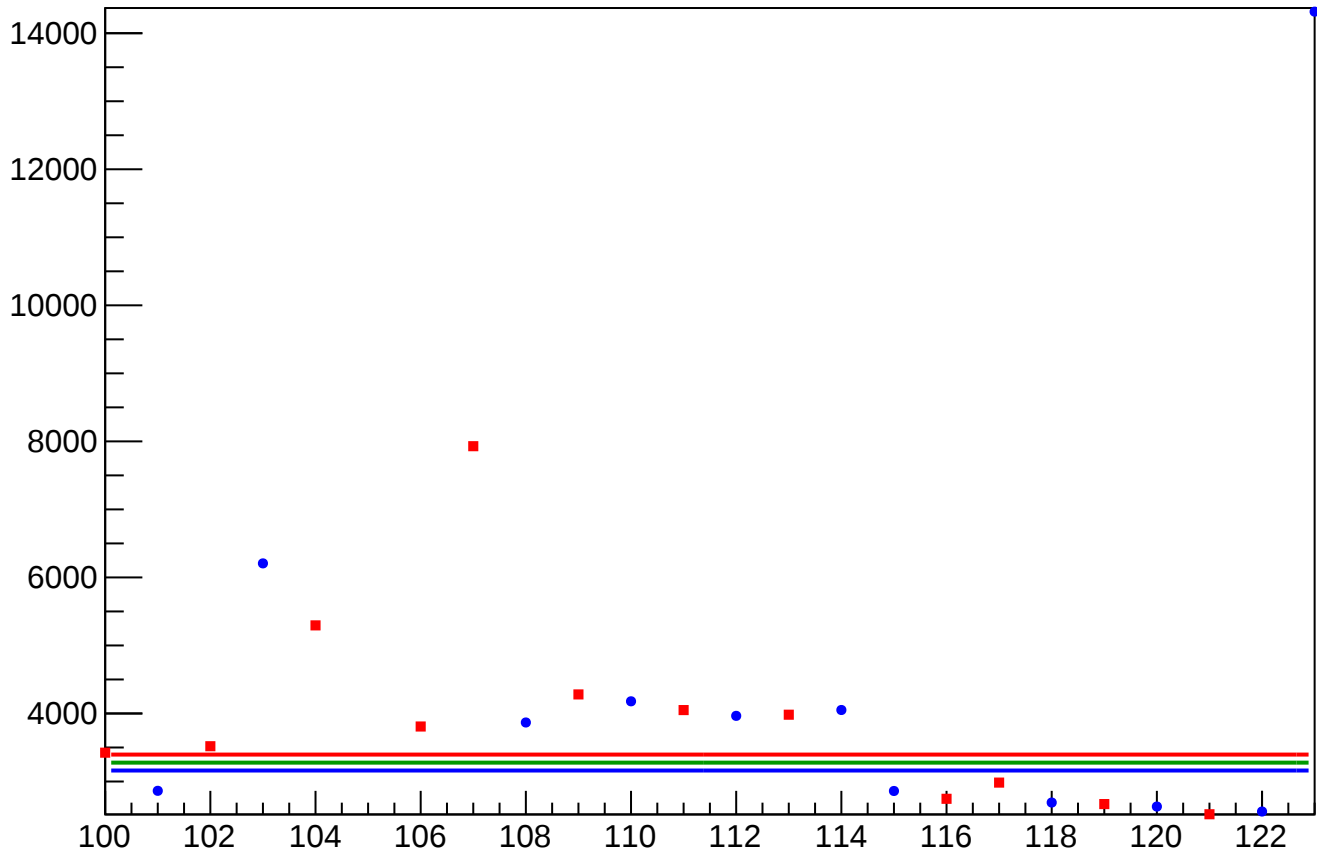
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1481.794+/-1684.532 χ^2/NDF : 10.5/10

743.340+/-1197.884 χ^2/NDF : 19.8/22

-12.066+/-1703.757 χ^2/NDF : 8.9/11

asym_atl1_rms vs Slug, Sign Corrected



Right In: 3161.600+/-1.191 χ^2/NDF : 545341.5/10

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

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

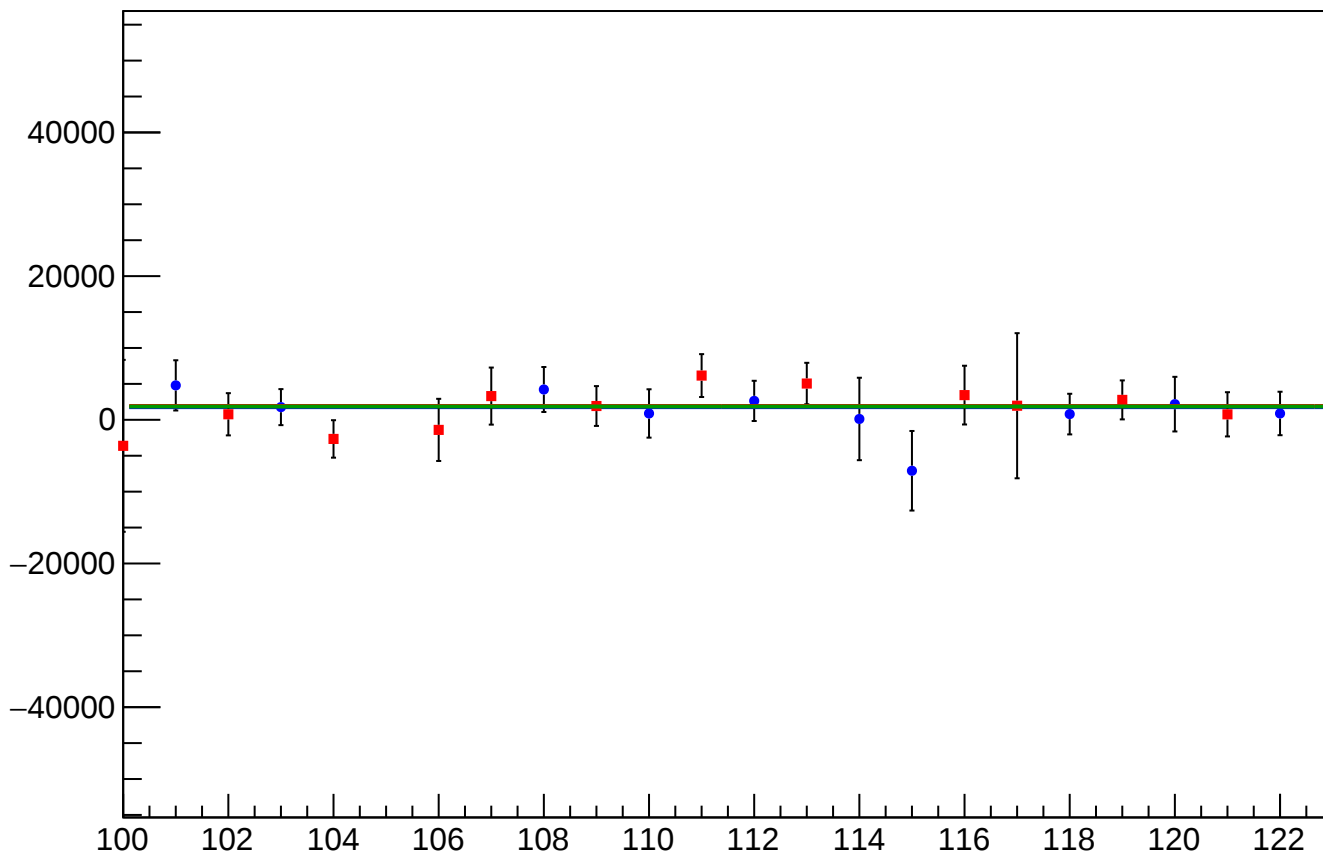
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3161.600+/-1.191 χ^2/NDF : 545341.5/10

3277.405+/-0.847 χ^2/NDF : 1213147.0/22

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

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1768.708+/-1039.442 χ^2 /NDF: 4.4/10

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

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

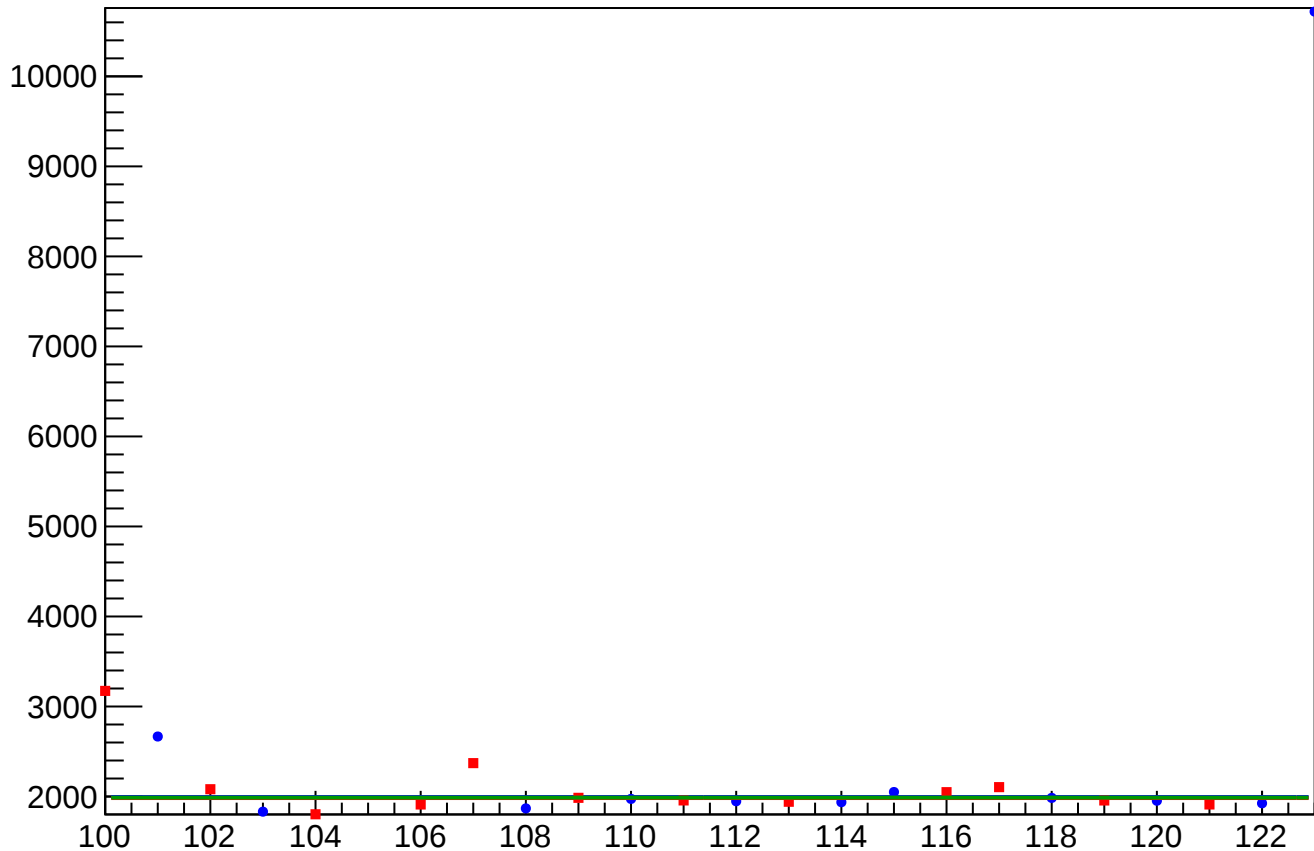
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

1768.708+/-1039.442 χ^2 /NDF: 4.4/10

1850.143+/-709.614 χ^2 /NDF: 12.1/22

1921.226+/-971.128 χ^2 /NDF: 7.7/11

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1993.996 $\pm$ 0.735 χ^2 /NDF: 136303.8/10

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

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

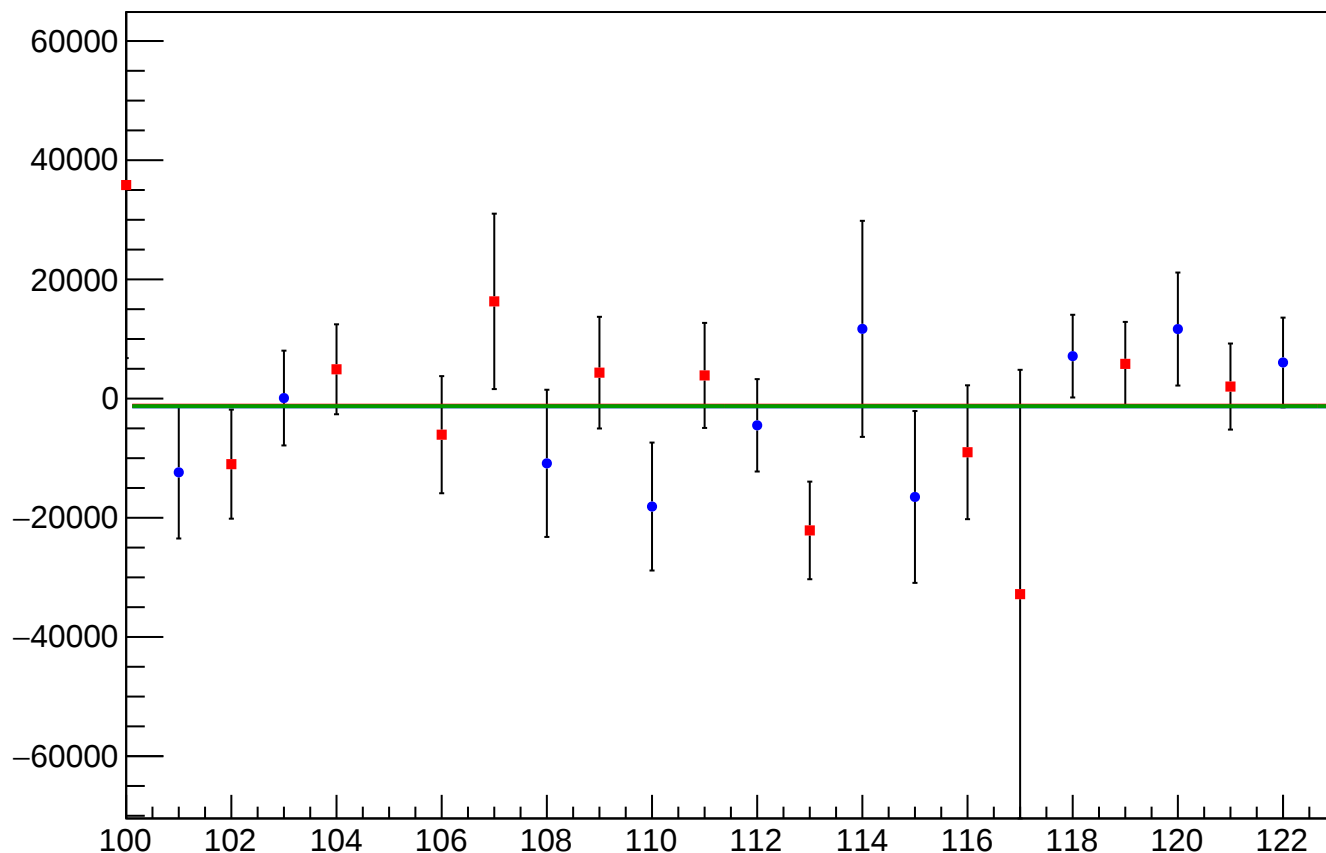
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1993.996 $\pm$ 0.735 χ^2 /NDF: 136303.8/10

1988.239 $\pm$ 0.502 χ^2 /NDF: 190267.8/22

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

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -1290.294+/-1093.317 χ^2 /NDF: 10.2/10

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

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

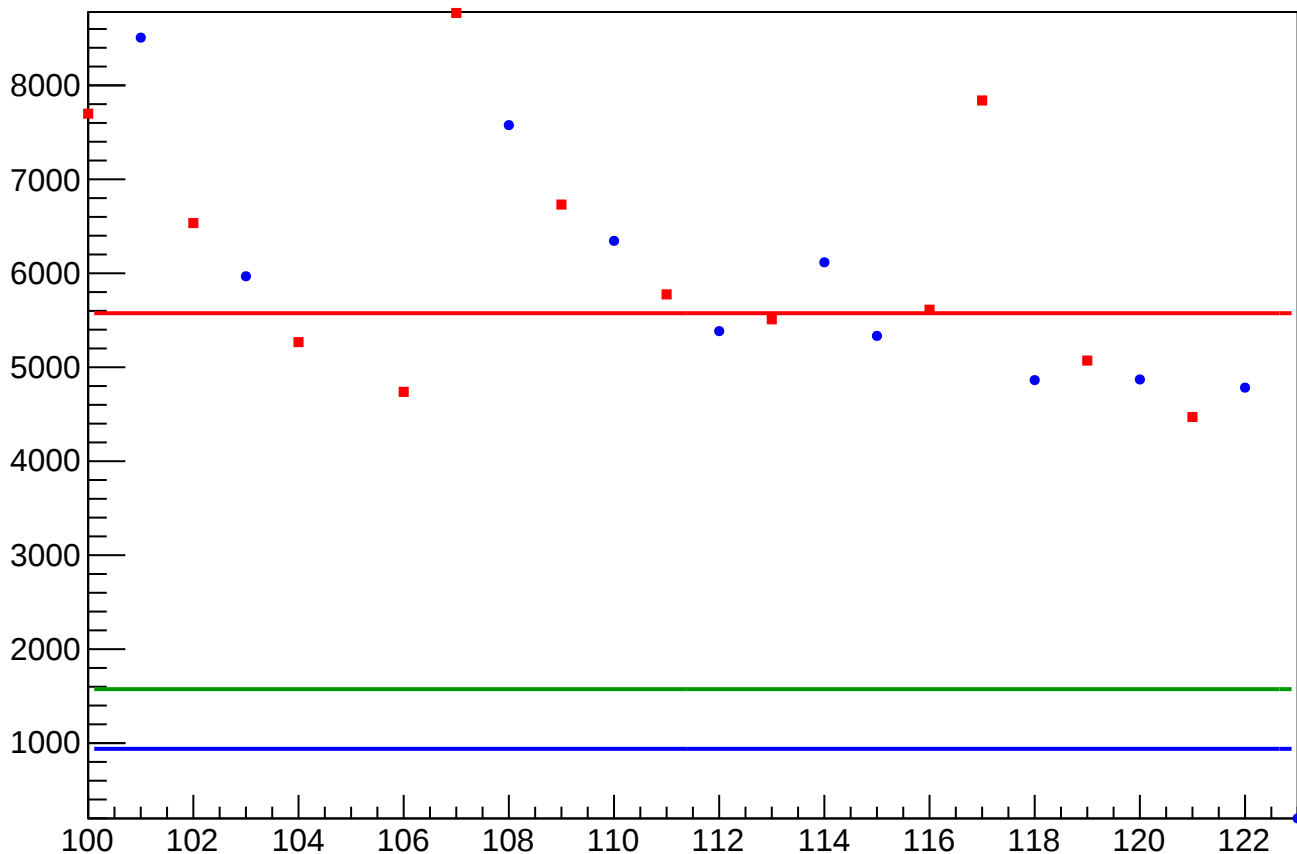
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1290.294+/-1093.317 χ^2 /NDF: 10.2/10

-1277.095+/-1015.664 χ^2 /NDF: 24.9/22

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

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 939.286+/-0.773 χ^2/NDF : 6119104.1/10

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

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

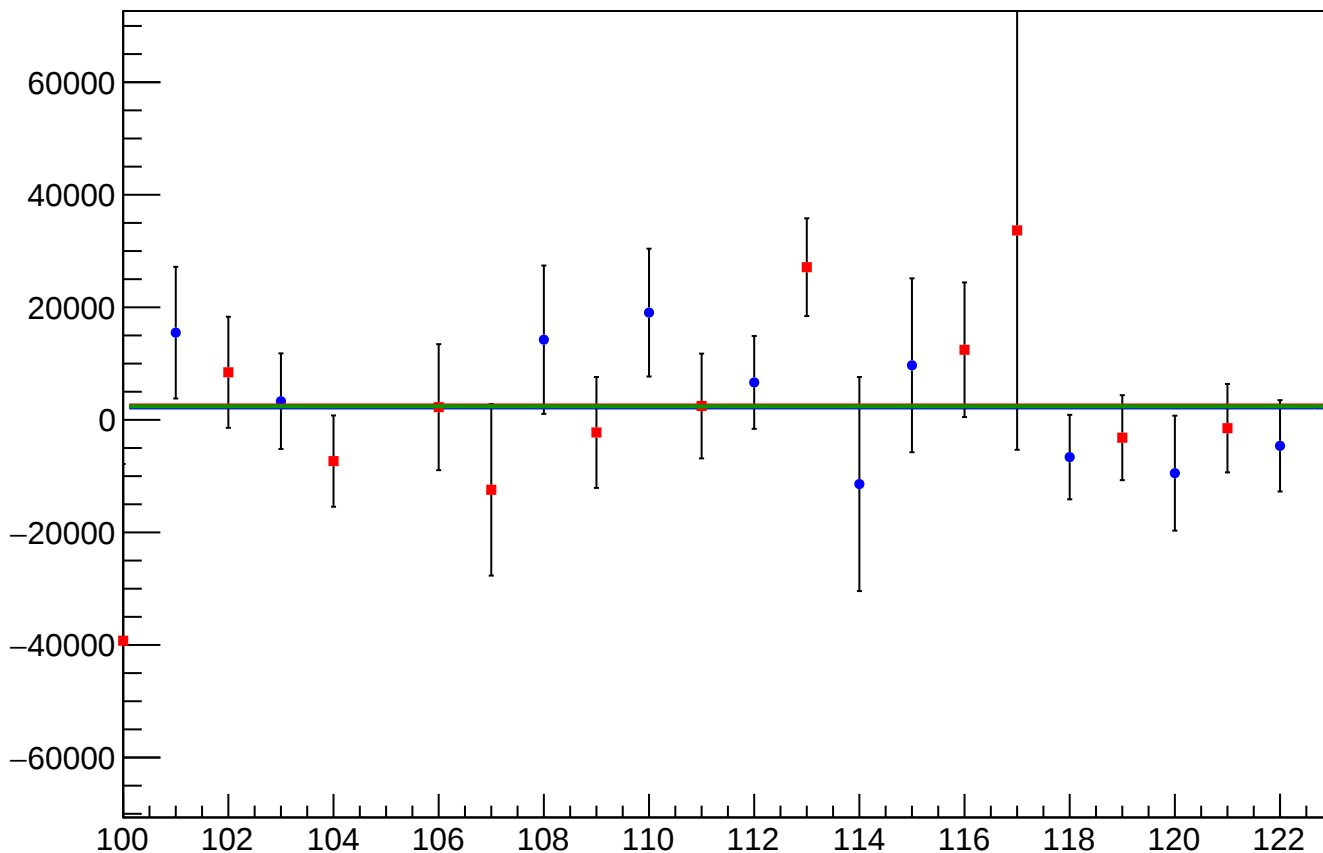
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

939.286+/-0.773 χ^2/NDF : 6119104.1/10

1574.421+/-0.718 χ^2/NDF : 11286200.9/2

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

asym_atl2_mean vs Slug, Sign Corrected



Right In: 2204.942+/-3175.783 χ^2/NDF : 8.8/10

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

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

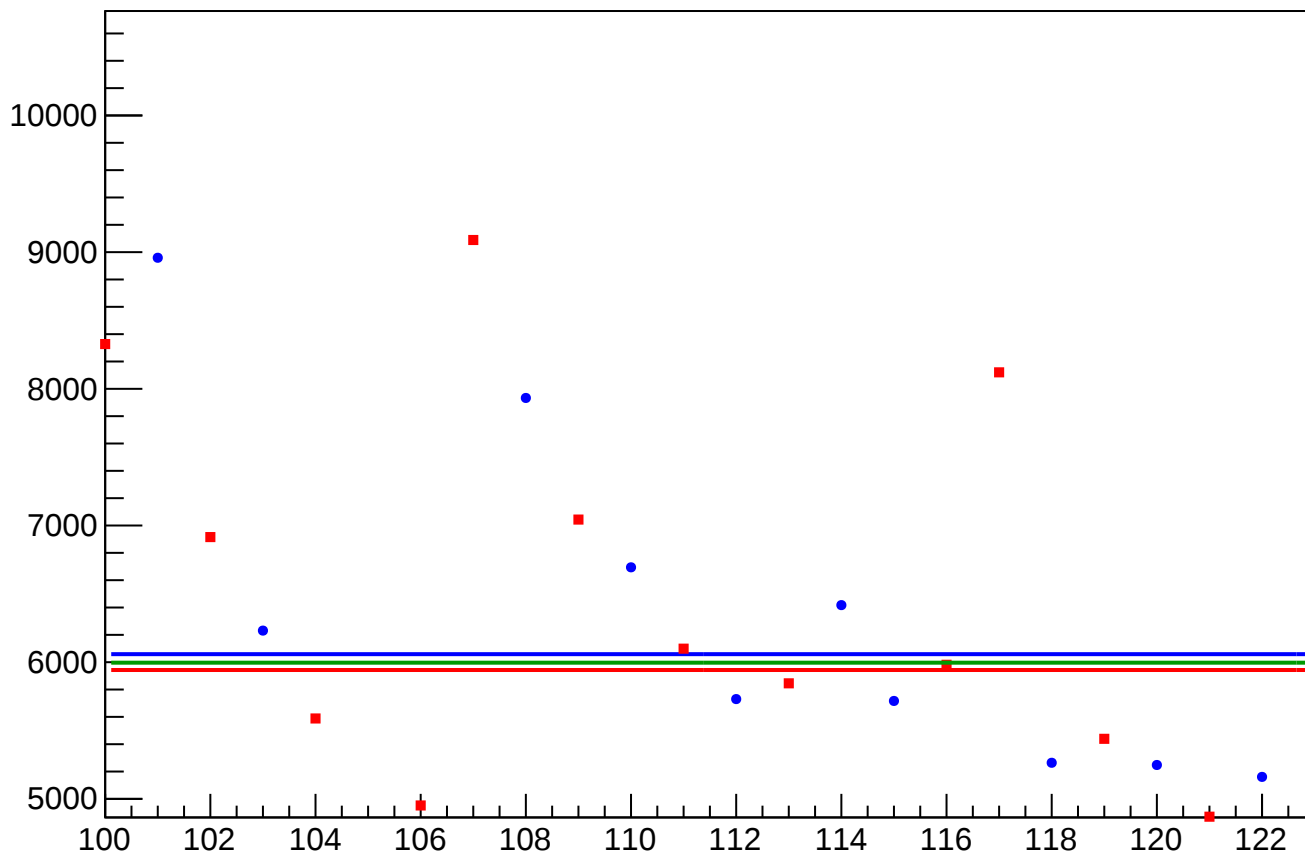
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2204.942+/-3175.783 χ^2/NDF : 8.8/10

2396.092+/-2159.709 χ^2/NDF : 23.8/22

2560.554+/-2945.753 χ^2/NDF : 15.0/11

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6058.758+/-2.246 χ^2/NDF : 248640.9/10

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

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

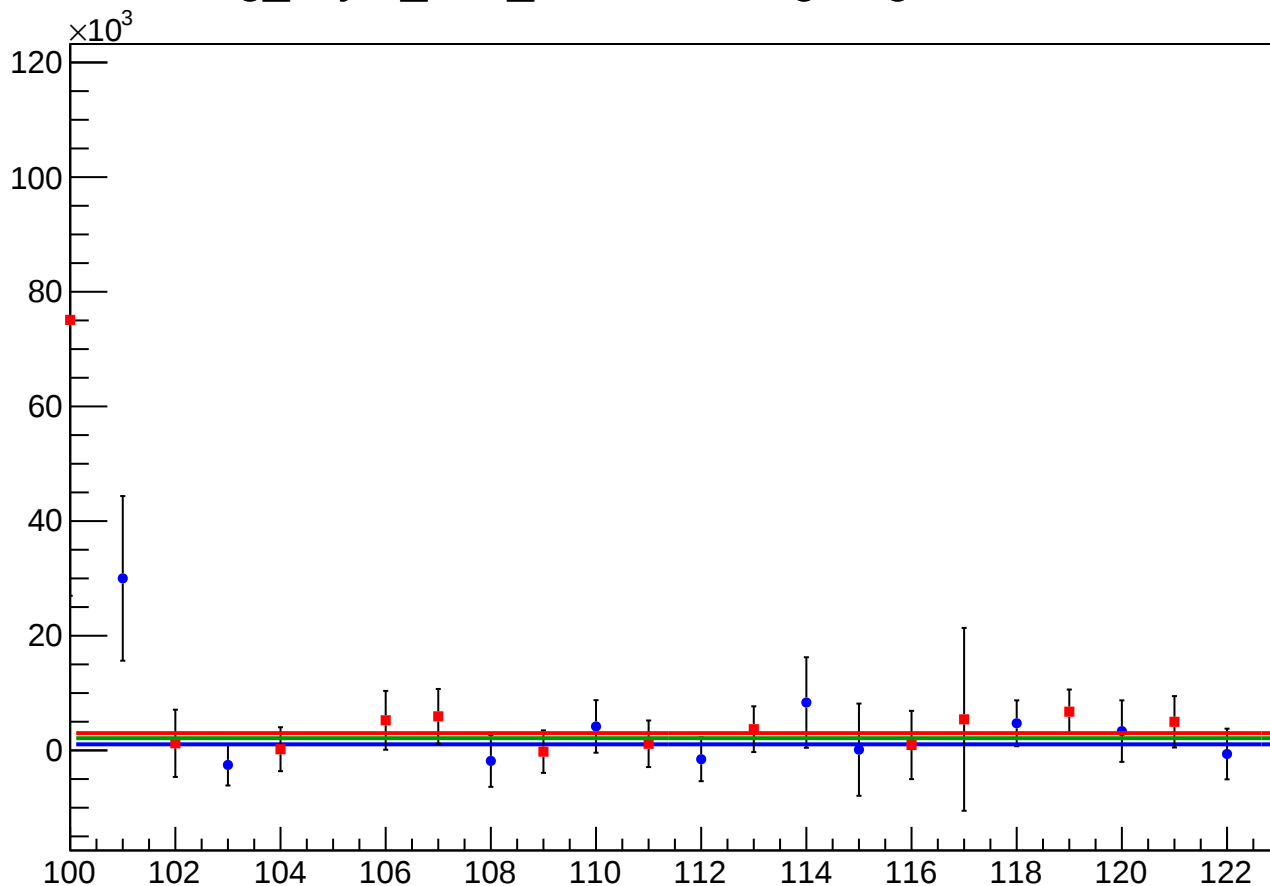
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6058.758+/-2.246 χ^2/NDF : 248640.9/10

5996.441+/-1.527 χ^2/NDF : 463915.6/22

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

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1058.449 $\pm$ 1521.856 χ^2 /NDF: 8.5/10

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

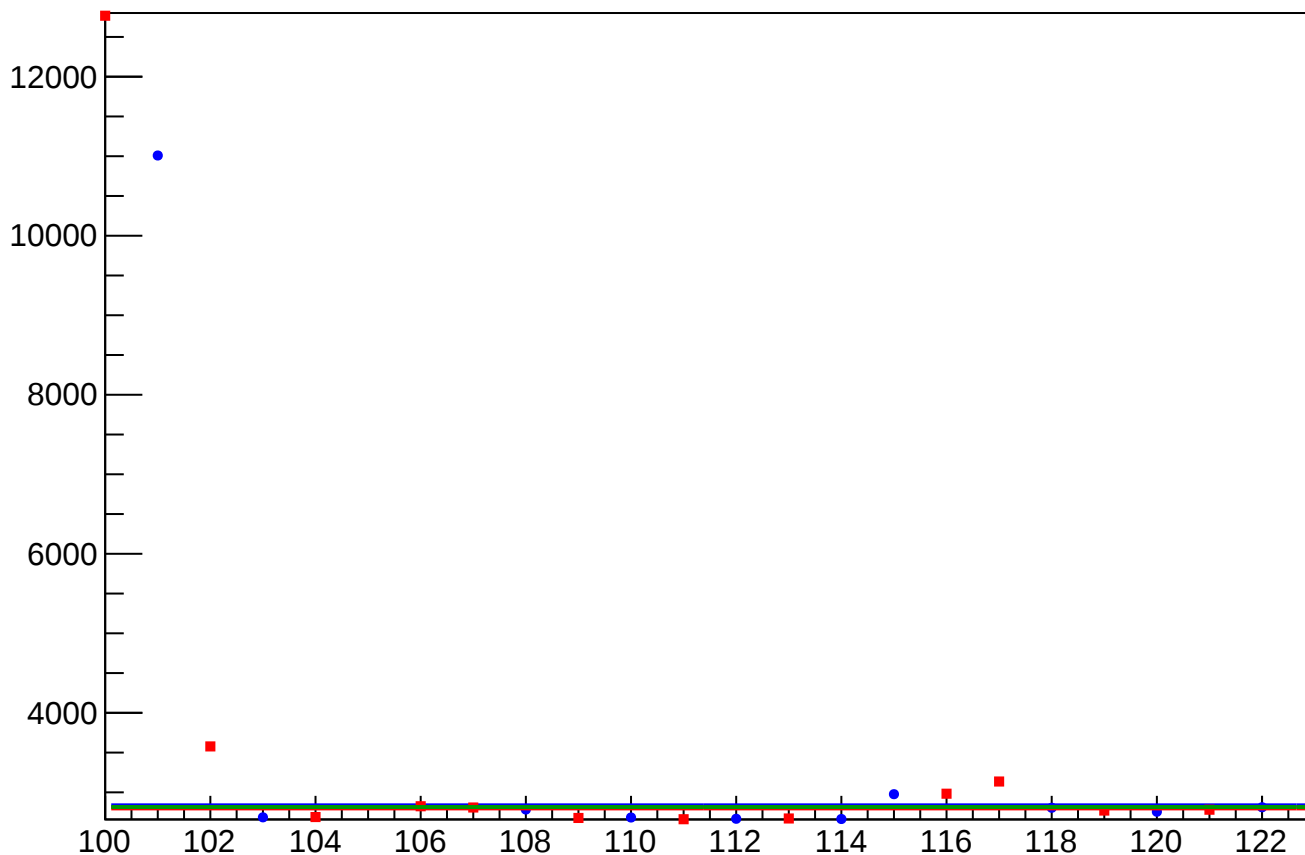
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1058.449 $\pm$ 1521.856 χ^2 /NDF: 8.5/10

2128.182 $\pm$ 1022.467 χ^2 /NDF: 15.1/22

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

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2836.413+/-1.076 χ^2/NDF : 659685.4/10

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

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

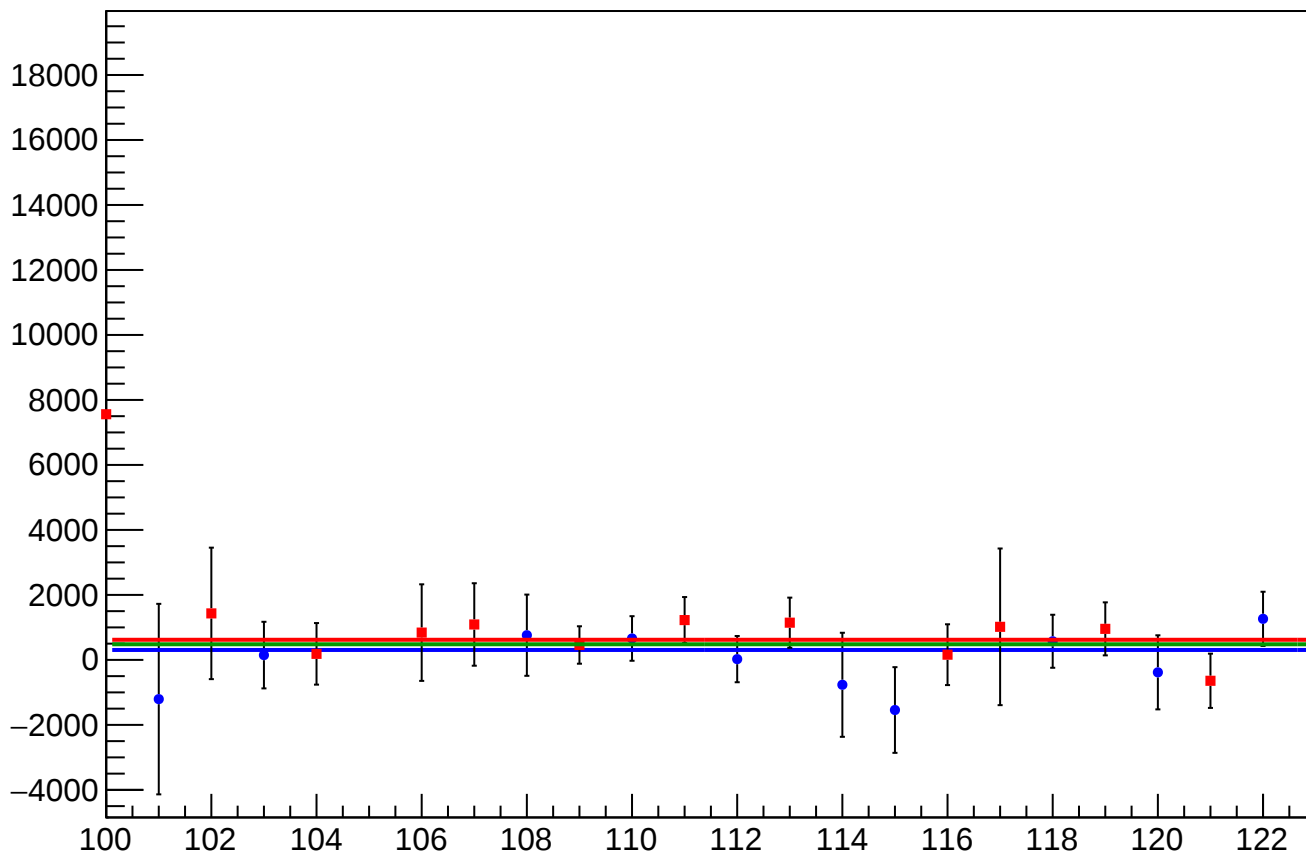
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2836.413+/-1.076 χ^2/NDF : 659685.4/10

2815.370+/-0.723 χ^2/NDF : 792544.0/22

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

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: 305.702+/-306.837 χ^2 /NDF: 5.1/10

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

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

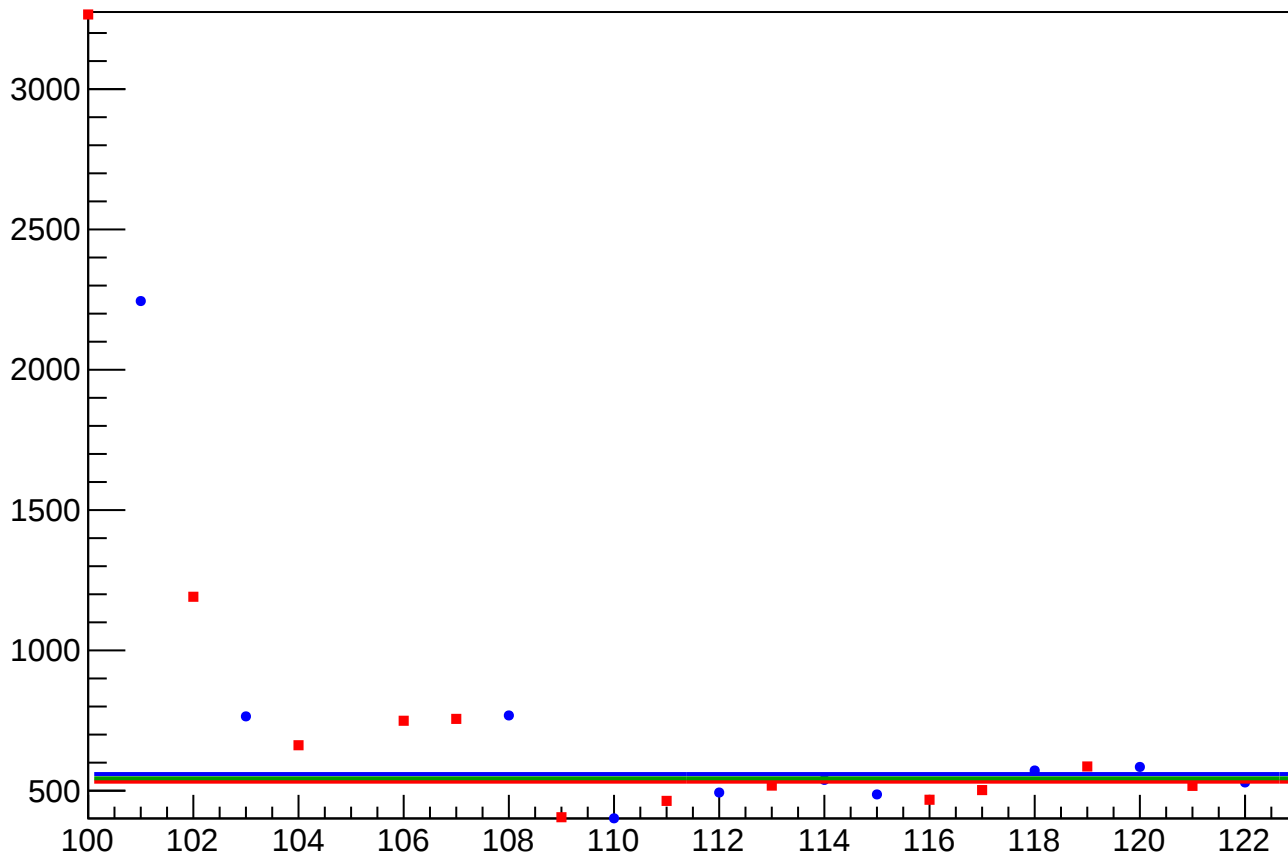
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

305.702+/-306.837 χ^2 /NDF: 5.1/10

480.462+/-204.138 χ^2 /NDF: 10.5/22

619.241+/-273.431 χ^2 /NDF: 4.8/11

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 559.373+/-0.217 χ^2/NDF : 931221.4/10

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

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

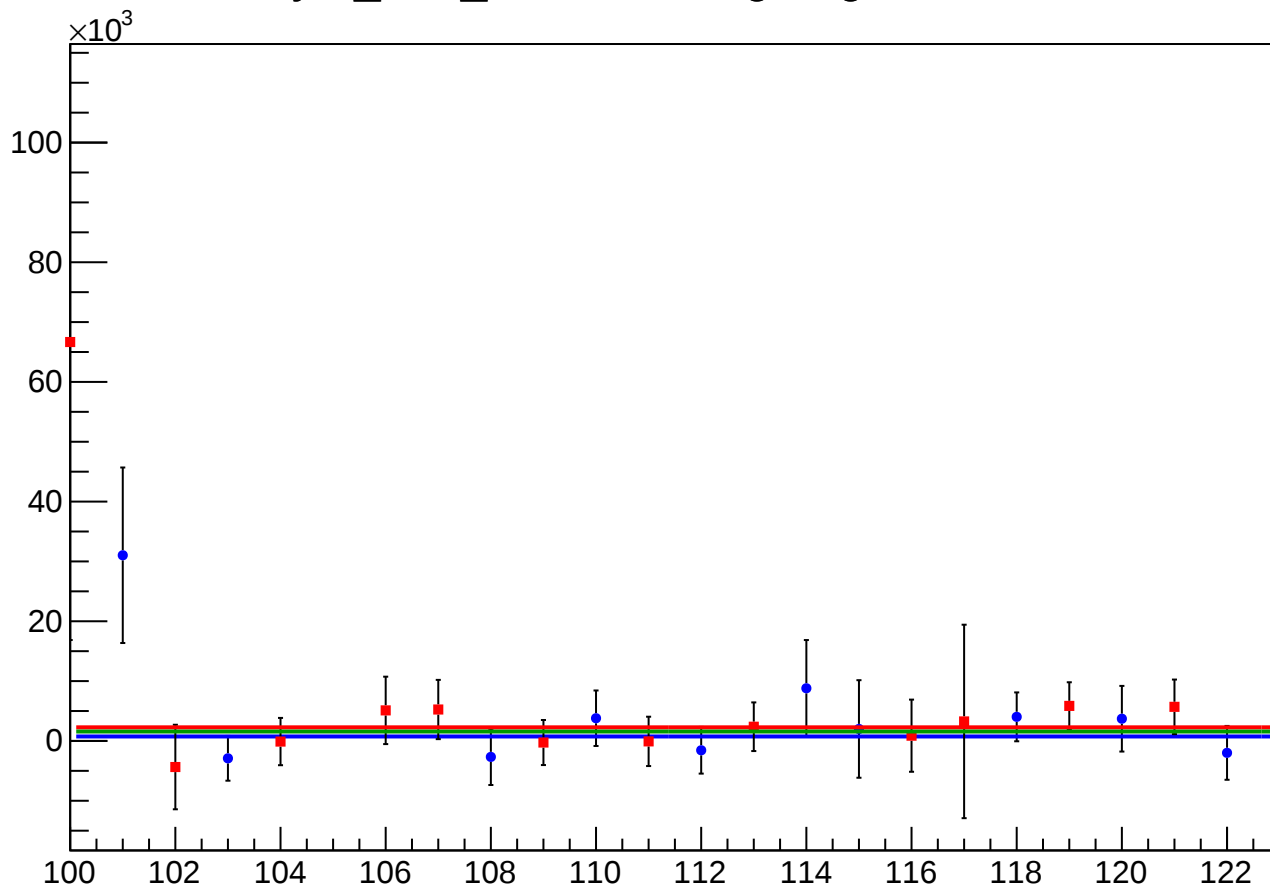
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

559.373+/-0.217 χ^2/NDF : 931221.4/10

544.250+/-0.144 χ^2/NDF : 1526868.0/22

532.241+/-0.193 χ^2/NDF : 586929.9/11

asym_atr1_mean vs Slug, Sign Corrected



Right In: 745.779 $\pm$ 1559.459 χ^2 /NDF: 8.9/10

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

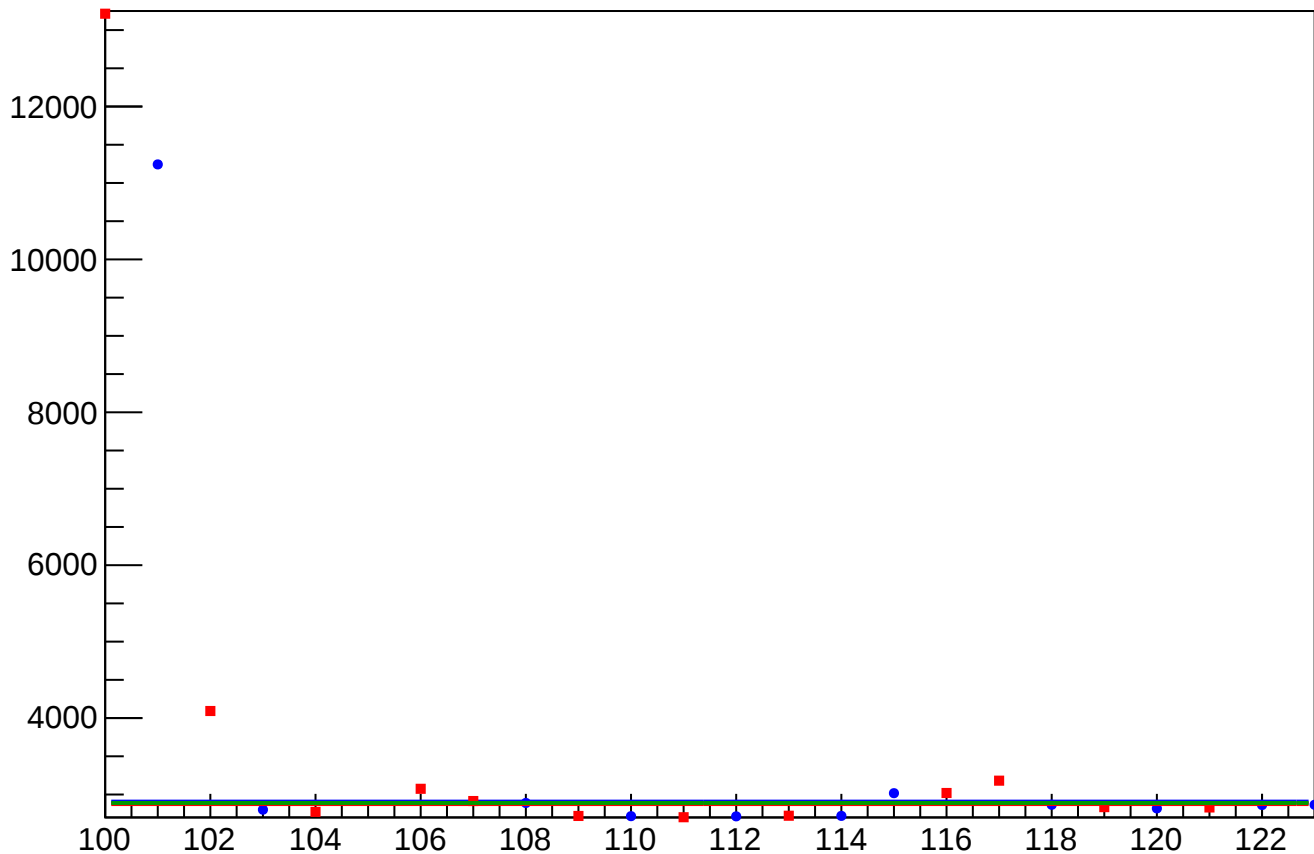
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

745.779 $\pm$ 1559.459 χ^2 /NDF: 8.9/10

1576.400 $\pm$ 1053.270 χ^2 /NDF: 15.2/22

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

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2906.928+/-1.103 χ^2/NDF : 658303.0/10

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

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

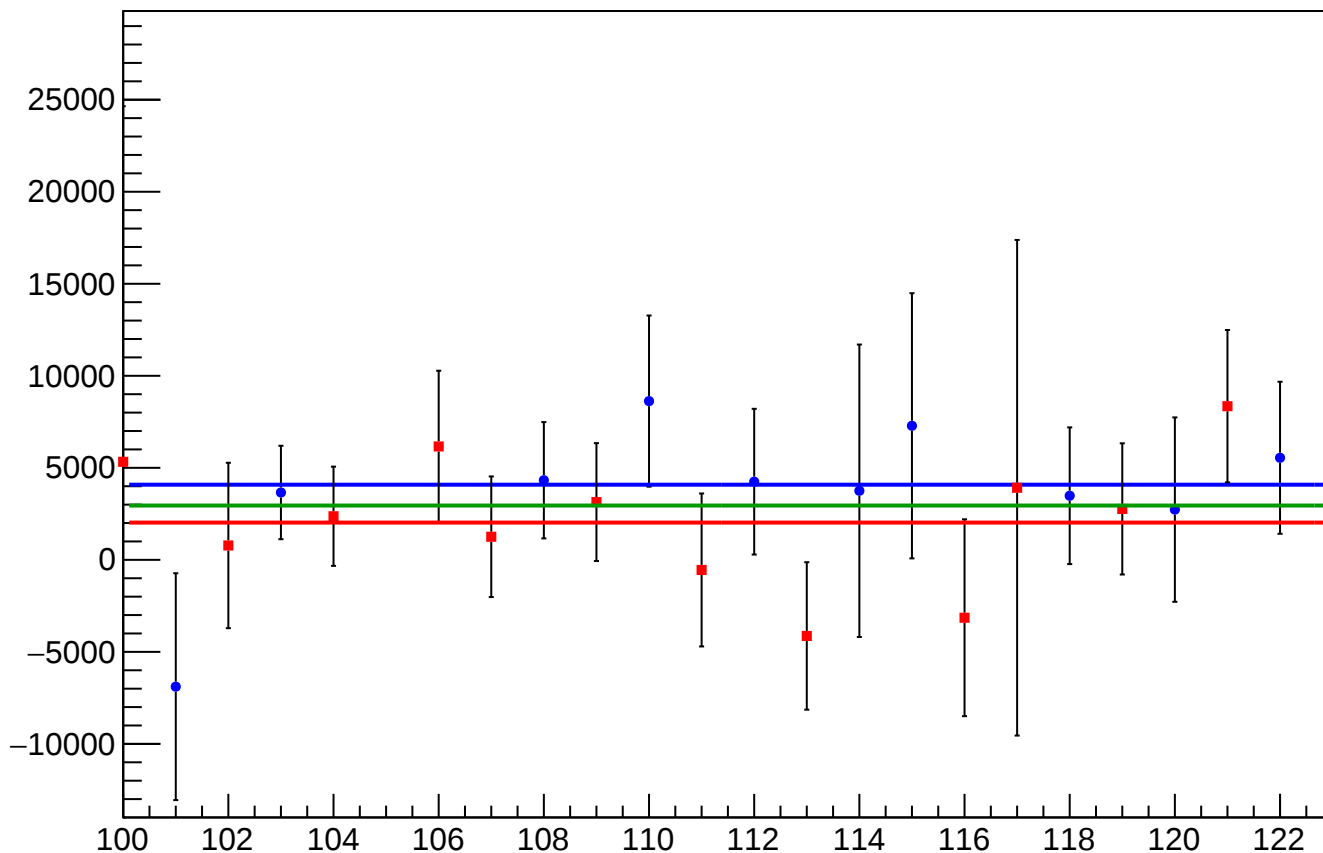
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2906.928+/-1.103 χ^2/NDF : 658303.0/10

2889.676+/-0.745 χ^2/NDF : 820311.7/22

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

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4083.150+/-1287.416 χ^2/NDF : 5.4/10

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

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

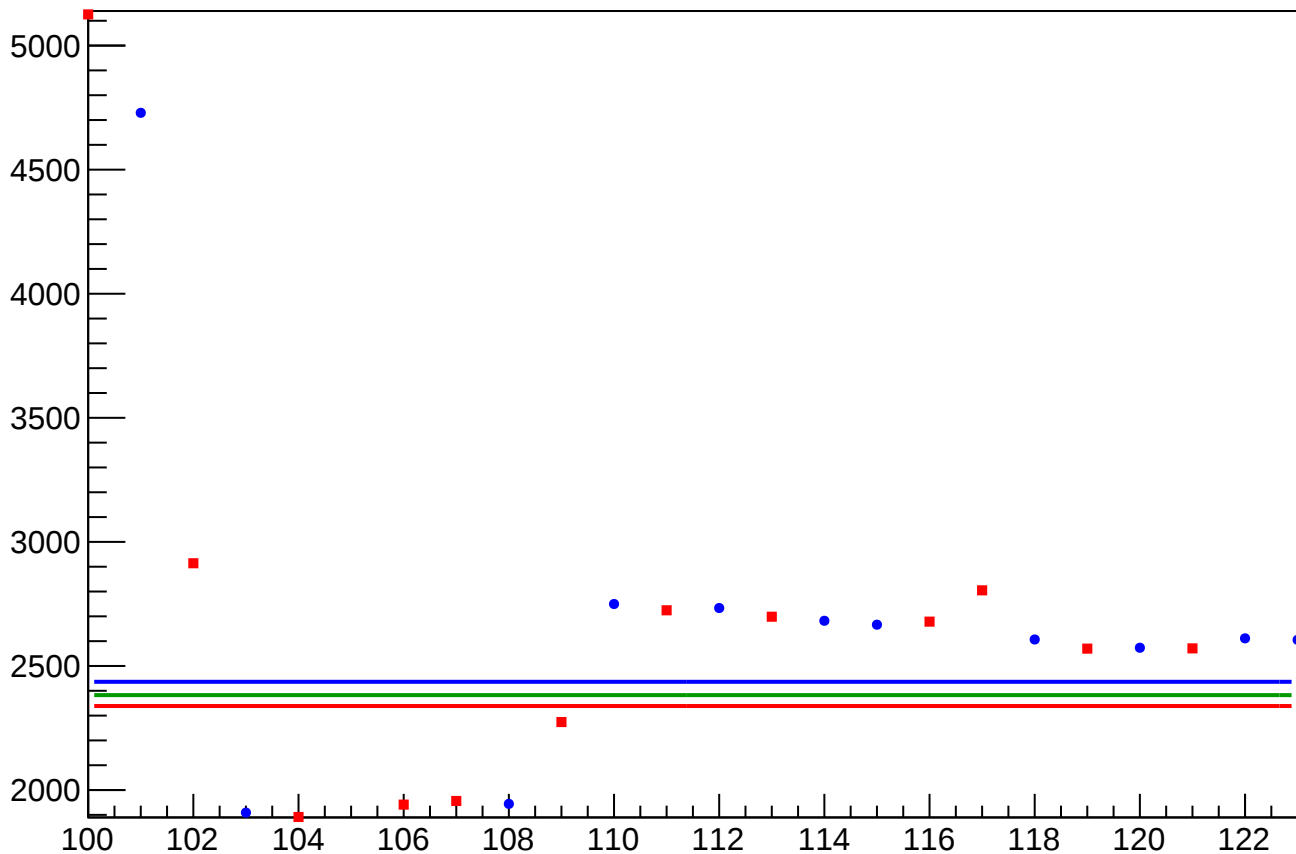
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4083.150+/-1287.416 χ^2/NDF : 5.4/10

2951.200+/-863.670 χ^2/NDF : 14.2/22

2024.882+/-1164.623 χ^2/NDF : 7.4/11

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2436.245+/-0.910 χ^2/NDF : 445543.0/10

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

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

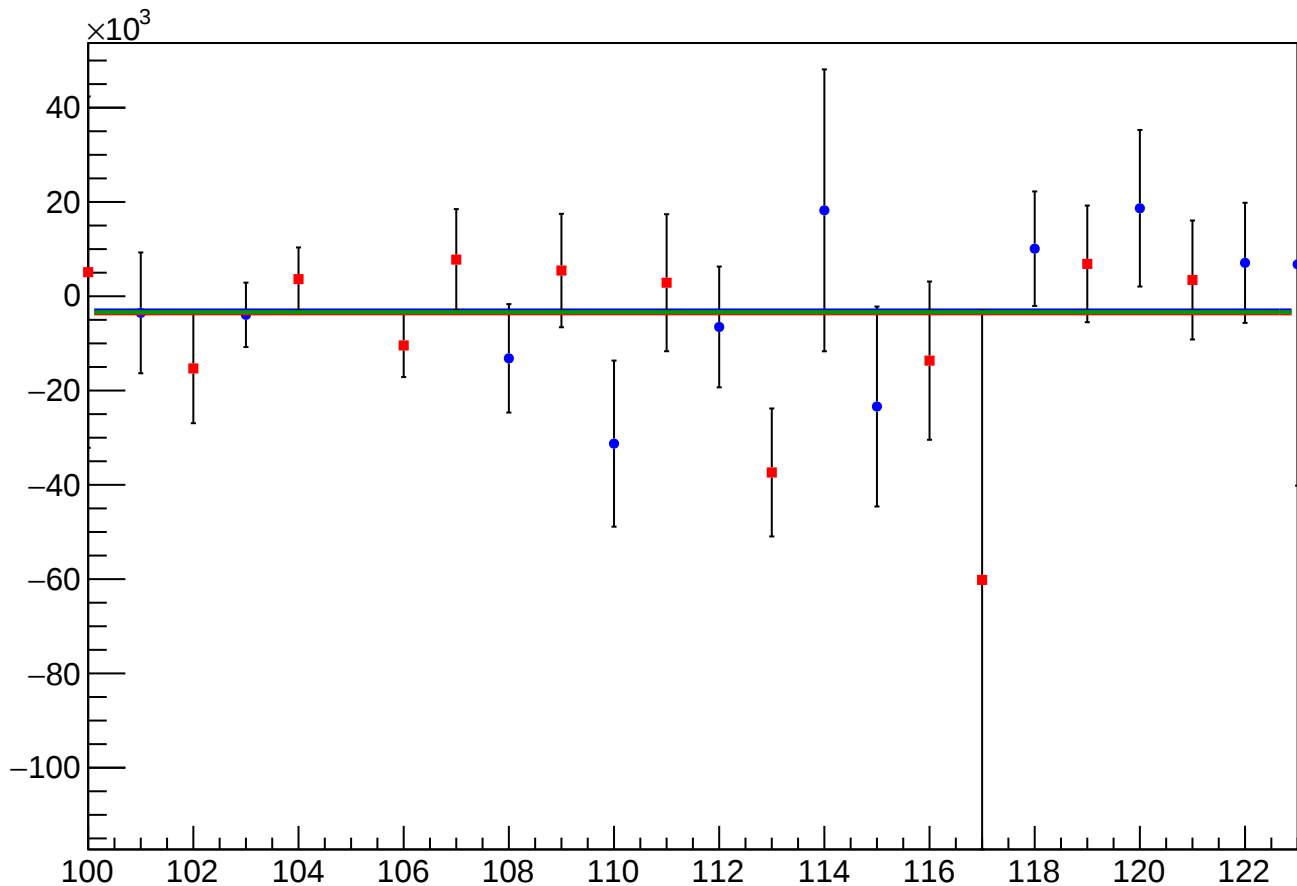
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2436.245+/-0.910 χ^2/NDF : 445543.0/10

2382.542+/-0.611 χ^2/NDF : 686607.6/22

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

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3005.968+/-3930.137 χ^2 /NDF: 8.4/10

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

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

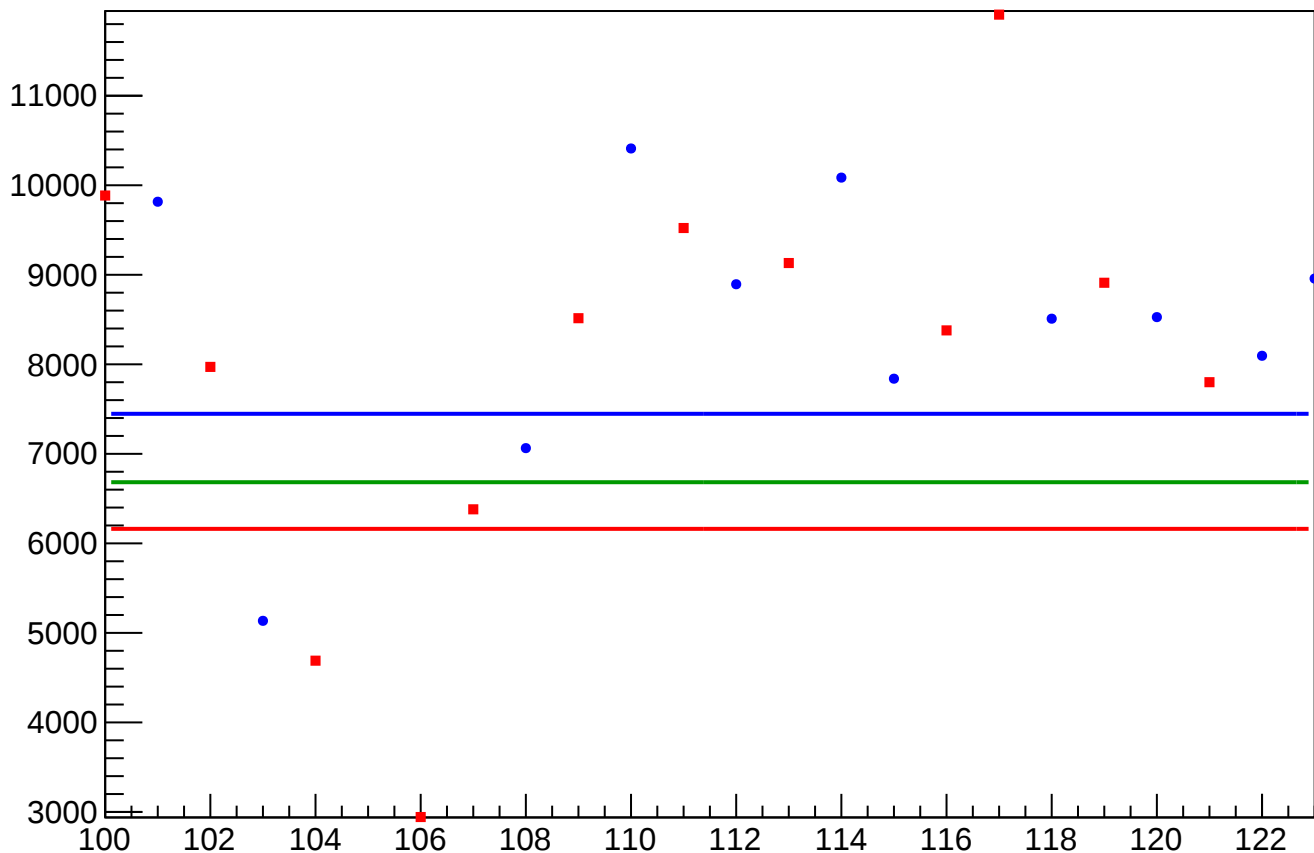
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-3005.968+/-3930.137 χ^2 /NDF: 8.4/10

-3377.083+/-2502.354 χ^2 /NDF: 22.1/22

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

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 7447.245 +/- 2.779 χ^2/NDF : 428976.9/10

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

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

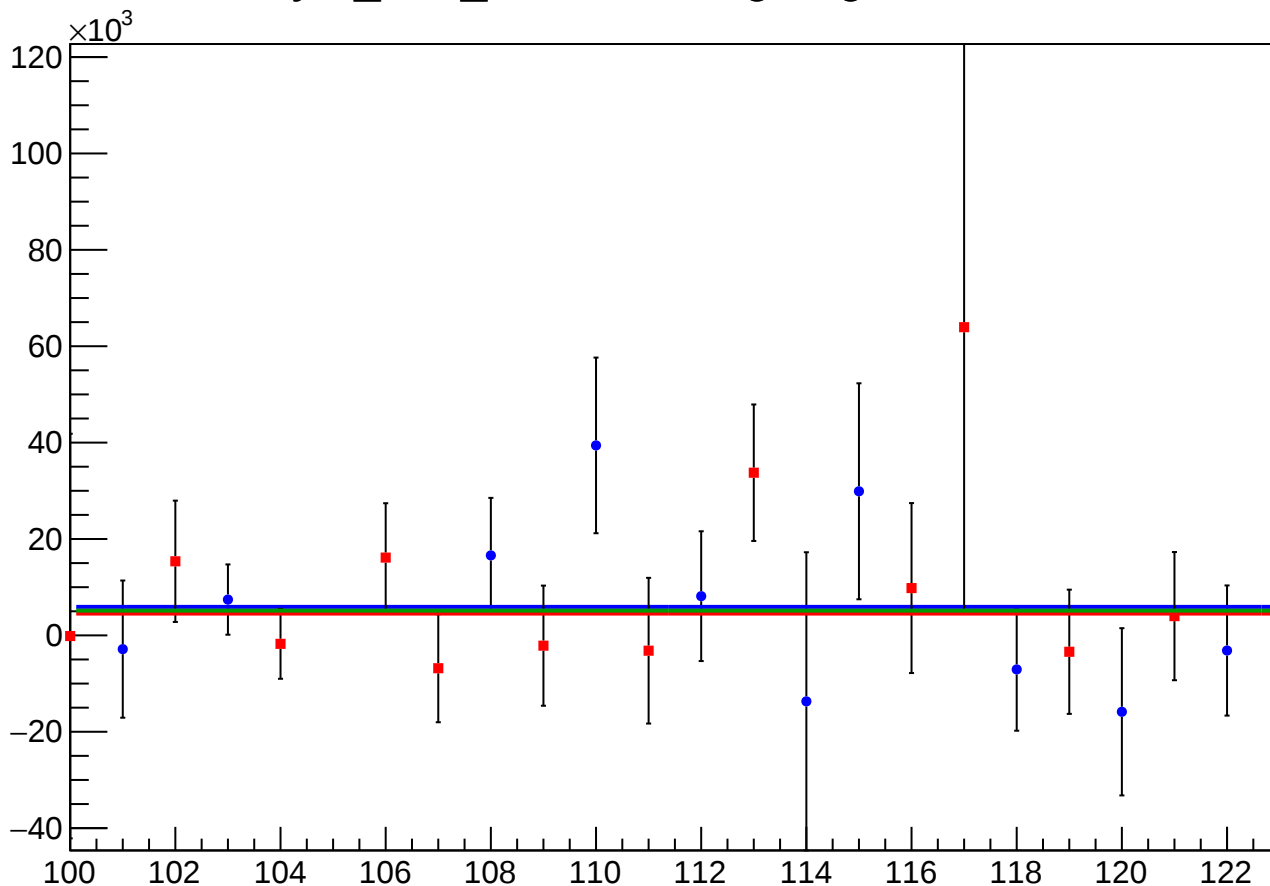
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

7447.245 +/- 2.779 χ^2/NDF : 428976.9/10

6683.099 +/- 1.769 χ^2/NDF : 1648209.9/22

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

asym_atr2_mean vs Slug, Sign Corrected



Right In: 5913.729 $\pm$ 4161.940 χ^2 /NDF: 9.2/10

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

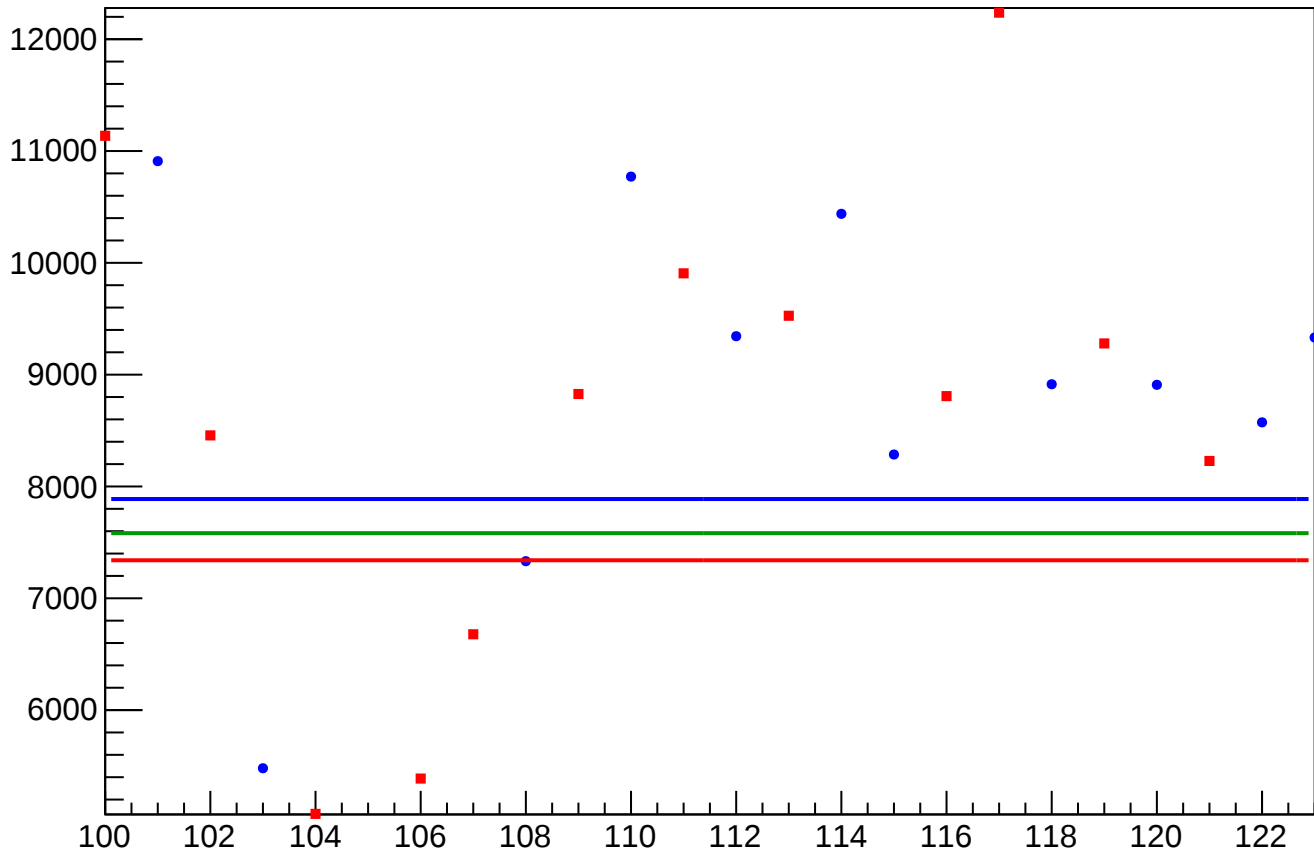
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

5913.729 $\pm$ 4161.940 χ^2 /NDF: 9.2/10

5140.604 $\pm$ 2769.035 χ^2 /NDF: 19.2/22

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

asym_atr2_rms vs Slug, Sign Corrected



Right In: 7887.738 $\pm$ 2.943 χ^2 /NDF: 427053.7/10

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

Right Out: 7340.091 $\pm$ 2.623 χ^2 /NDF: 510368.7/11

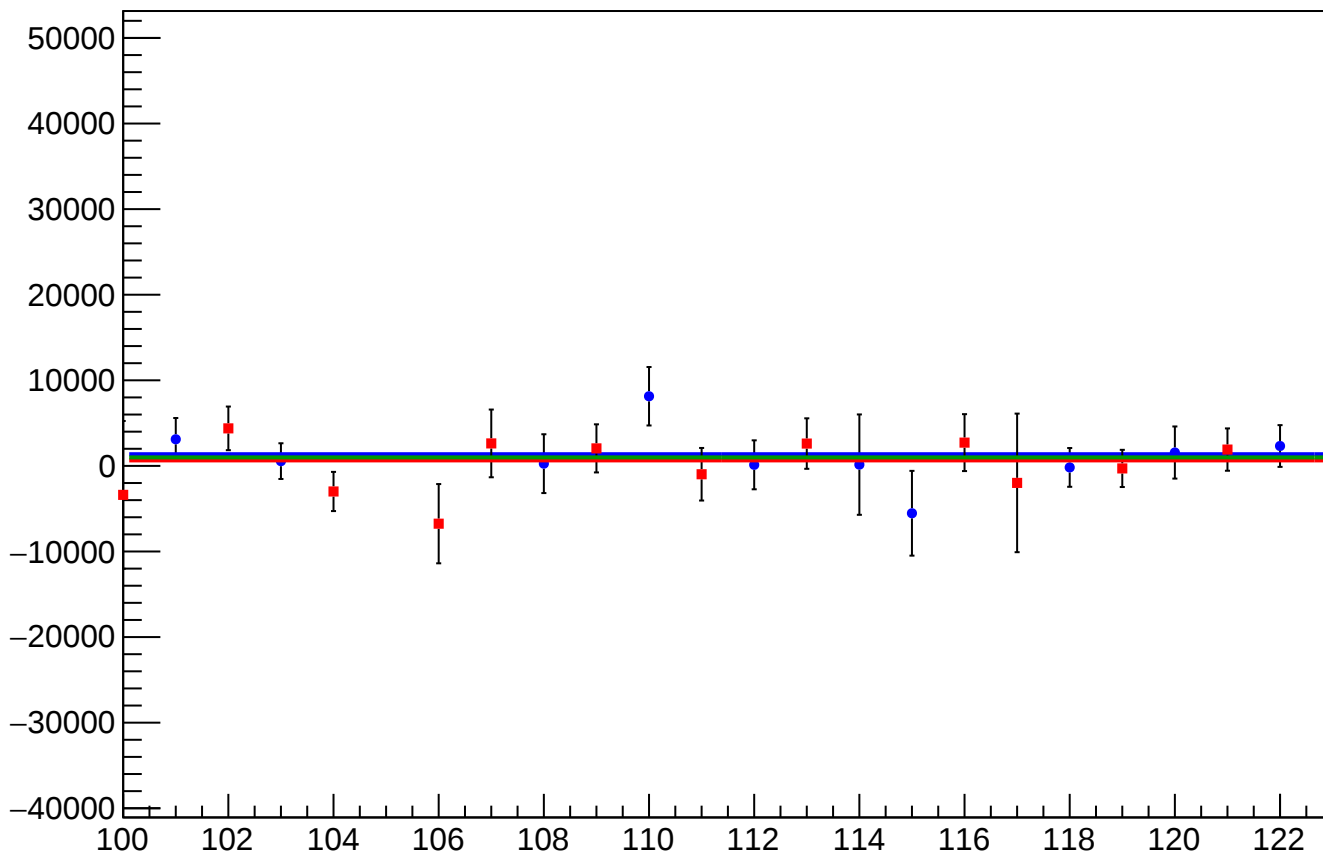
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7887.738 $\pm$ 2.943 χ^2 /NDF: 427053.7/10

7582.496 $\pm$ 1.958 χ^2 /NDF: 956723.4/22

7340.091 $\pm$ 2.623 χ^2 /NDF: 510368.7/11

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1366.131+/-903.188 χ^2/NDF : 7.5/10

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

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

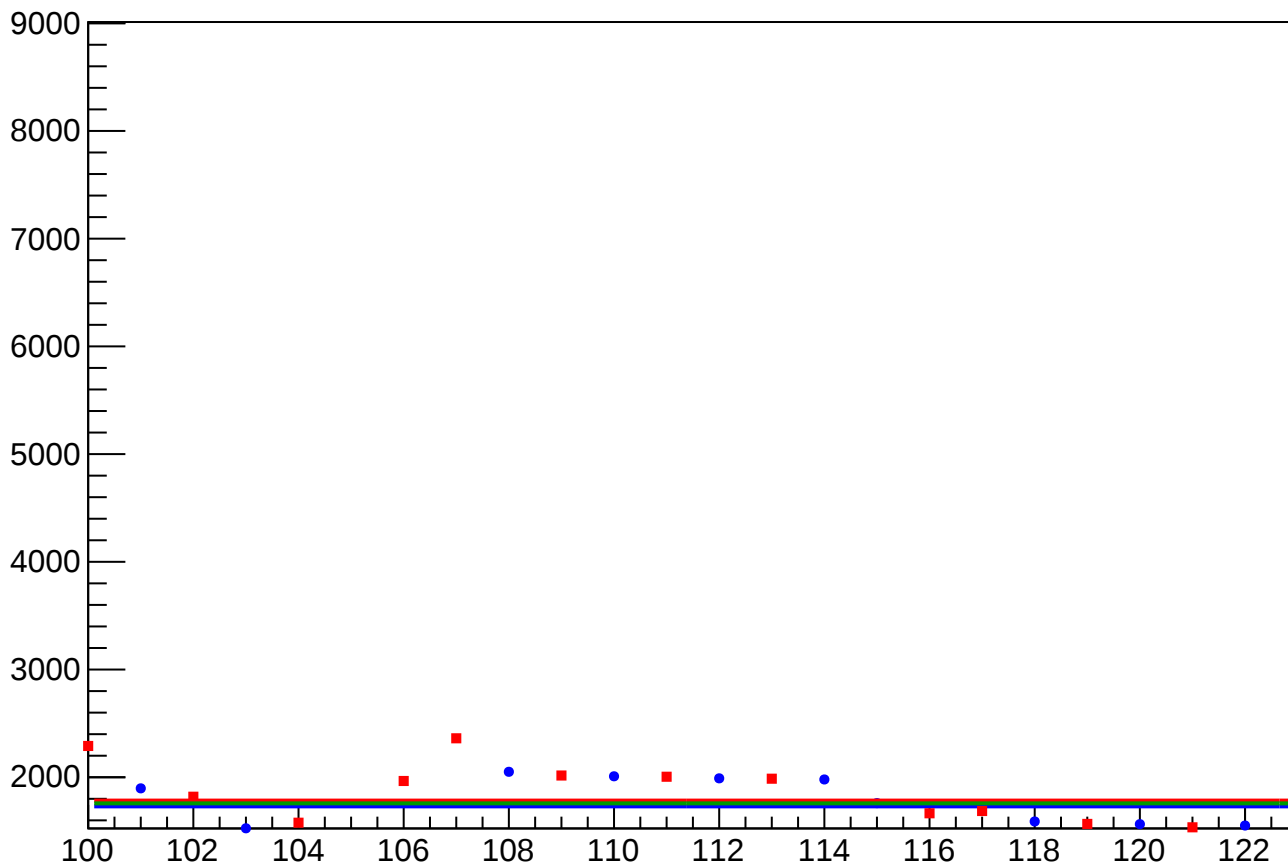
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1366.131+/-903.188 χ^2/NDF : 7.5/10

993.902+/-629.570 χ^2/NDF : 17.4/22

642.114+/-878.037 χ^2/NDF : 9.6/11

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1729.820+/-0.639 χ^2/NDF : 150719.6/10

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

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

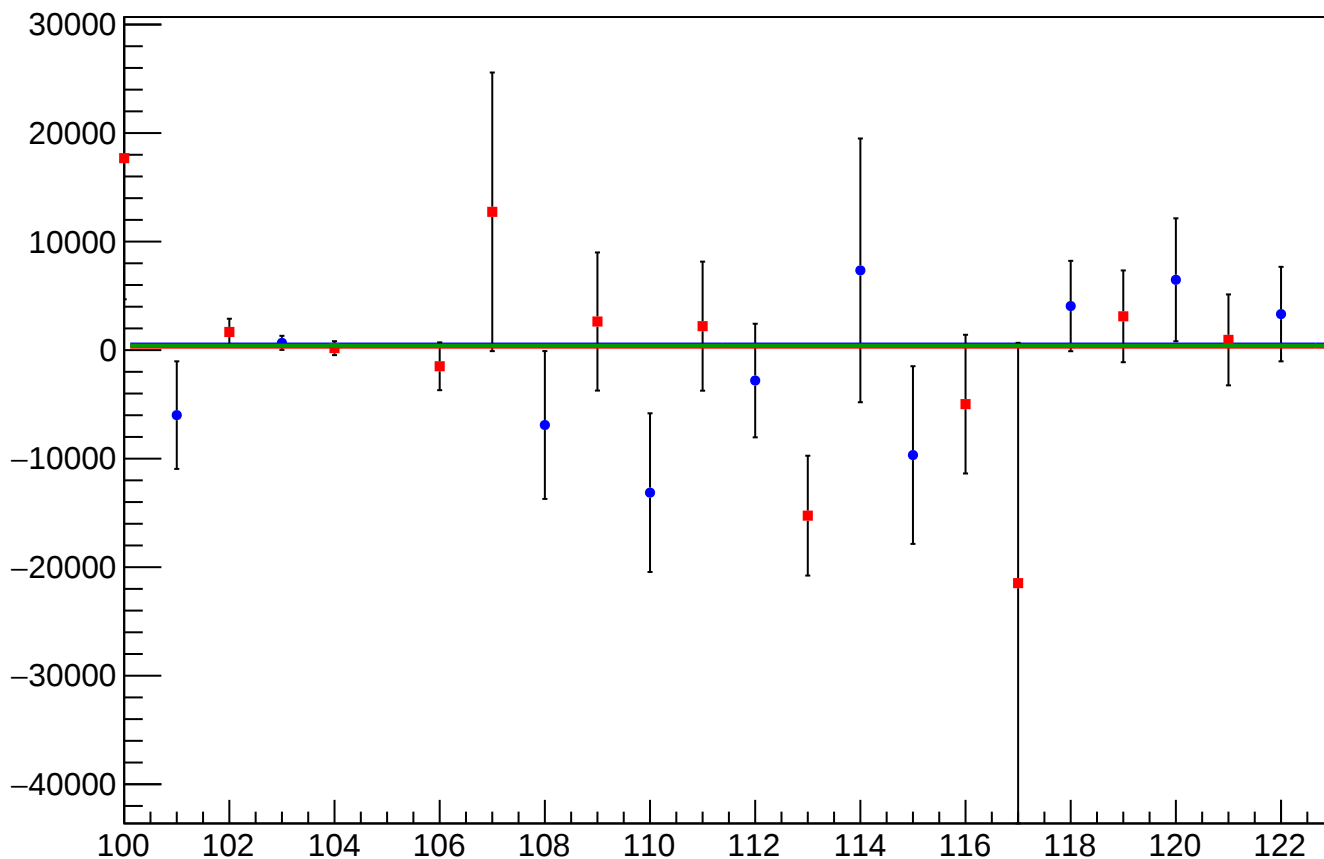
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1729.820+/-0.639 χ^2/NDF : 150719.6/10

1757.588+/-0.443 χ^2/NDF : 301260.2/22

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

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 513.381+/-556.344 χ^2/NDF : 11.0/10

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

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

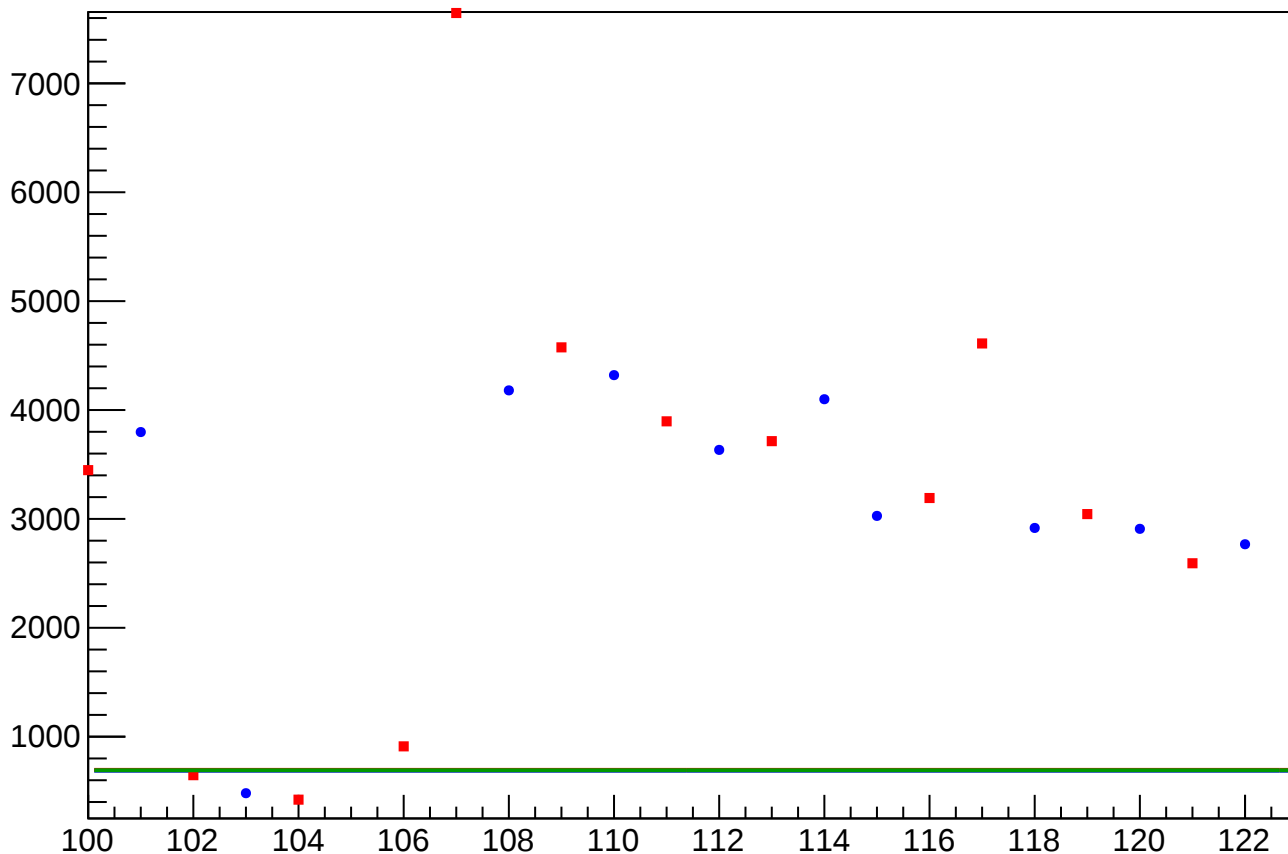
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

513.381+/-556.344 χ^2/NDF : 11.0/10

410.944+/-384.112 χ^2/NDF : 26.0/22

317.636+/-530.975 χ^2/NDF : 15.0/11

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 687.971+/-0.393 χ^2/NDF : 4522651.2/10

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

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

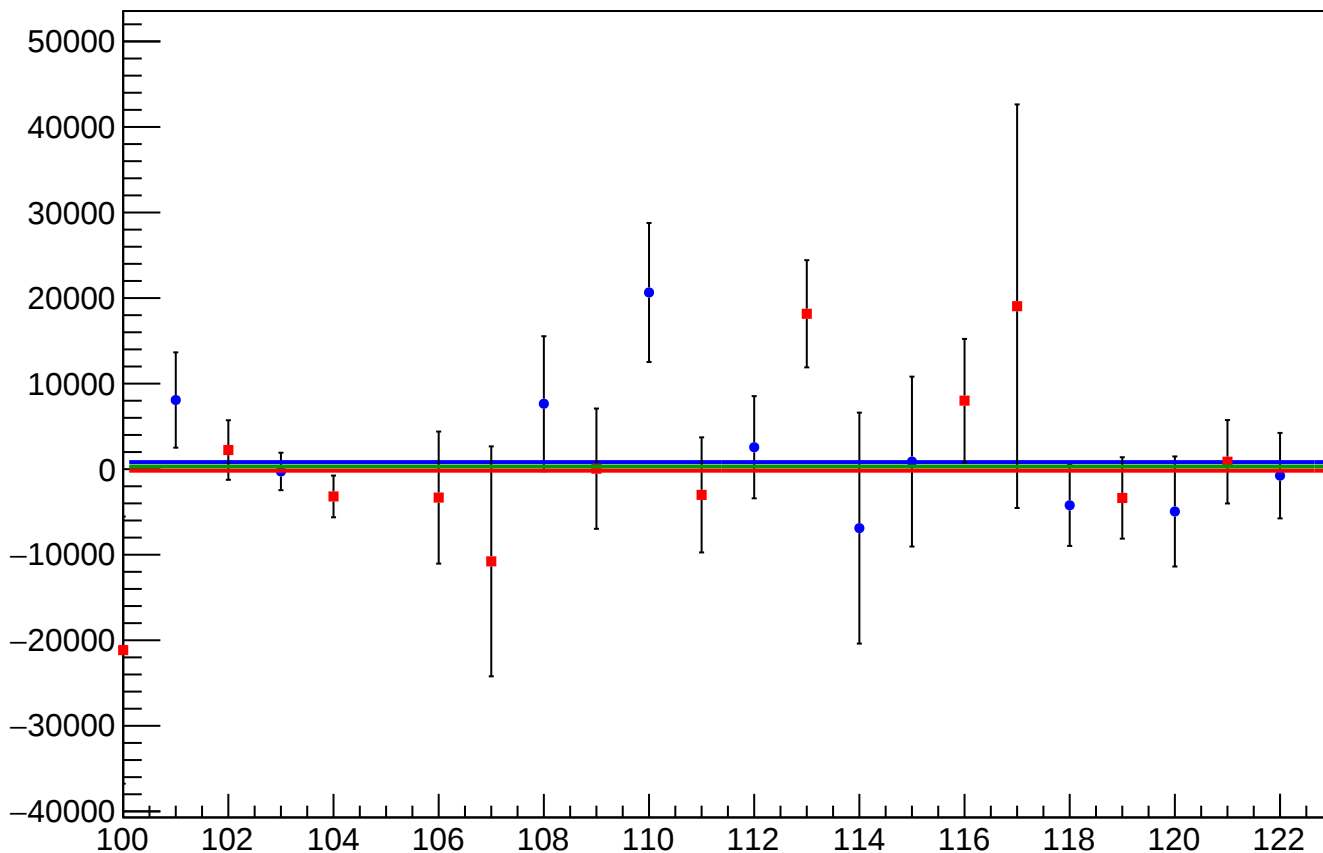
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

687.971+/-0.393 χ^2/NDF : 4522651.2/10

691.579+/-0.272 χ^2/NDF : 8902484.0/22

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

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 823.045+/-1534.172 χ^2/NDF : 11.1/10

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

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

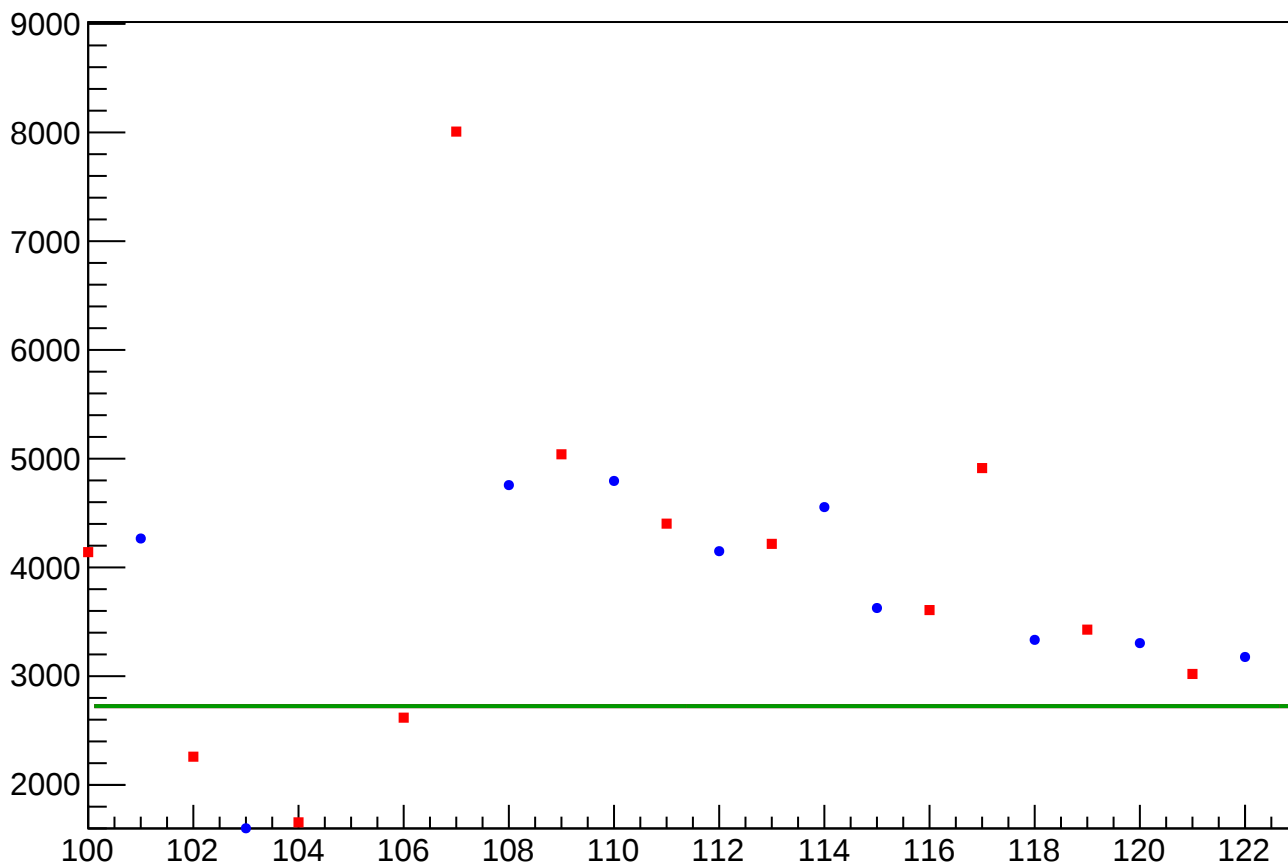
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

823.045+/-1534.172 χ^2/NDF : 11.1/10

308.121+/-1067.895 χ^2/NDF : 27.1/22

-175.871+/-1487.379 χ^2/NDF : 15.8/11

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 2725.199+/-1.085 χ^2/NDF : 1210572.4/10

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

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

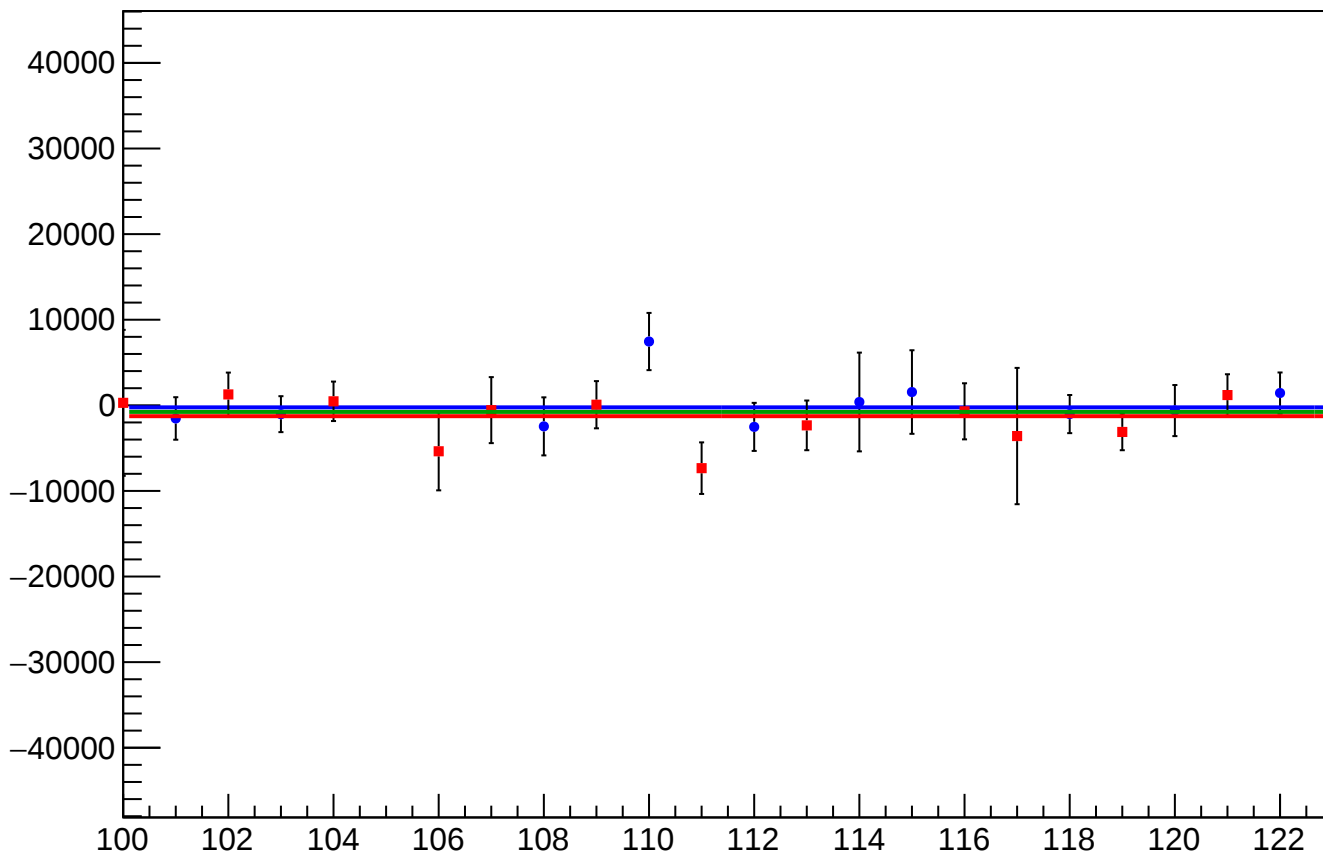
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2725.199+/-1.085 χ^2/NDF : 1210572.4/10

2724.751+/-0.748 χ^2/NDF : 2509332.0/22

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

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -237.796+/-893.438 χ^2 /NDF: 7.6/10

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

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

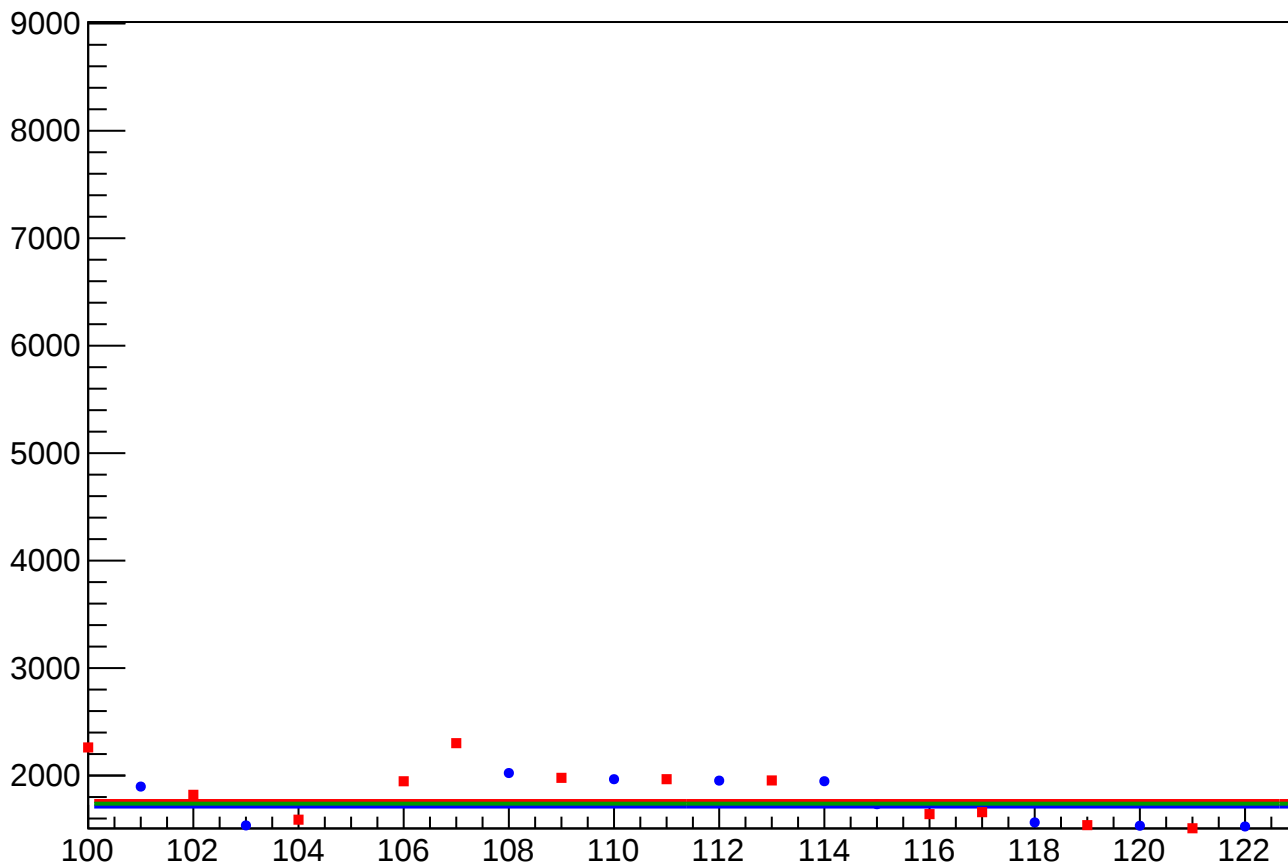
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-237.796+/-893.438 χ^2 /NDF: 7.6/10

-768.665+/-622.312 χ^2 /NDF: 17.0/22

-1268.938+/-867.309 χ^2 /NDF: 8.8/11

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1711.490+/-0.632 χ^2/NDF : 147441.1/10

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

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

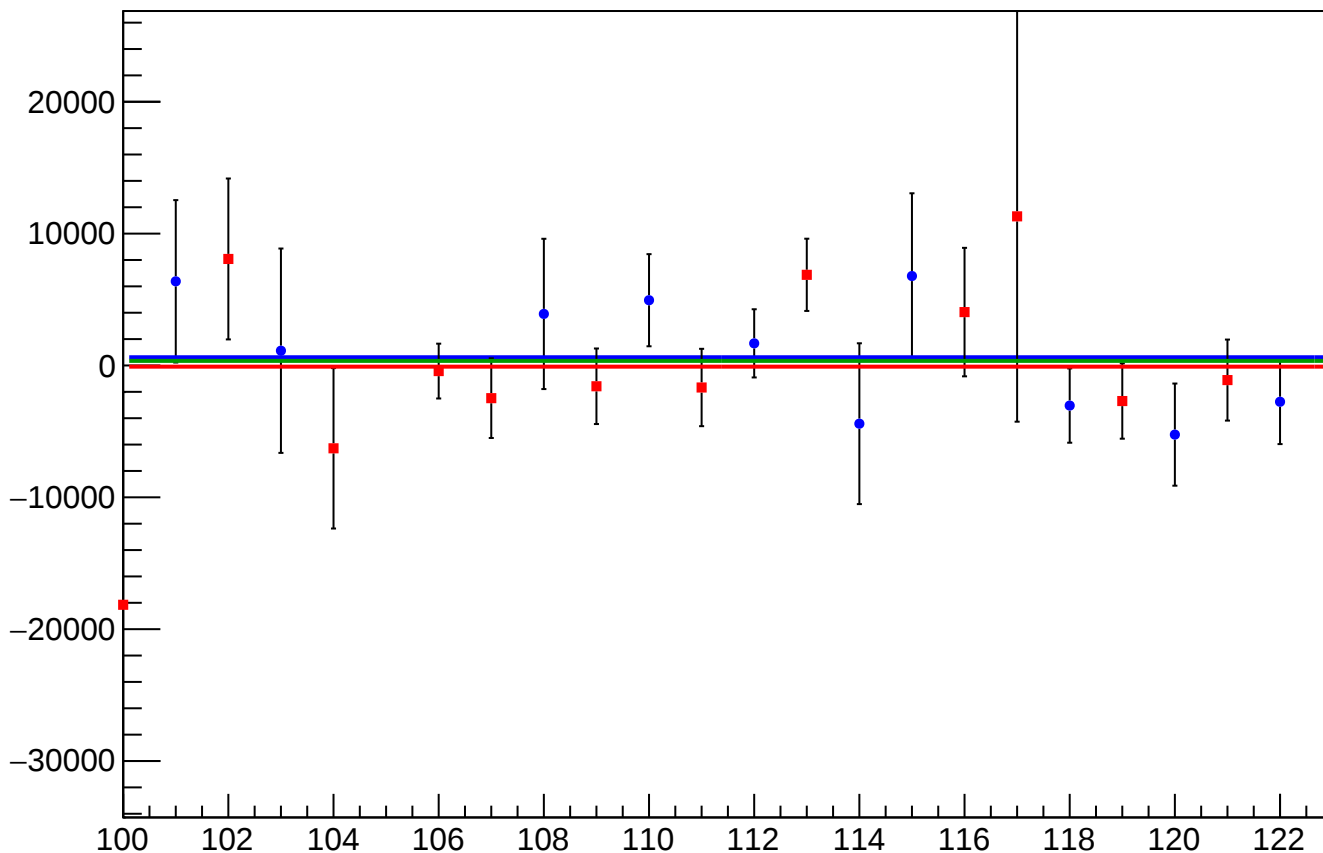
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1711.490+/-0.632 χ^2/NDF : 147441.1/10

1738.167+/-0.438 χ^2/NDF : 290754.3/22

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

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 623.234+/-775.840 χ^2/NDF : 9.8/10

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

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

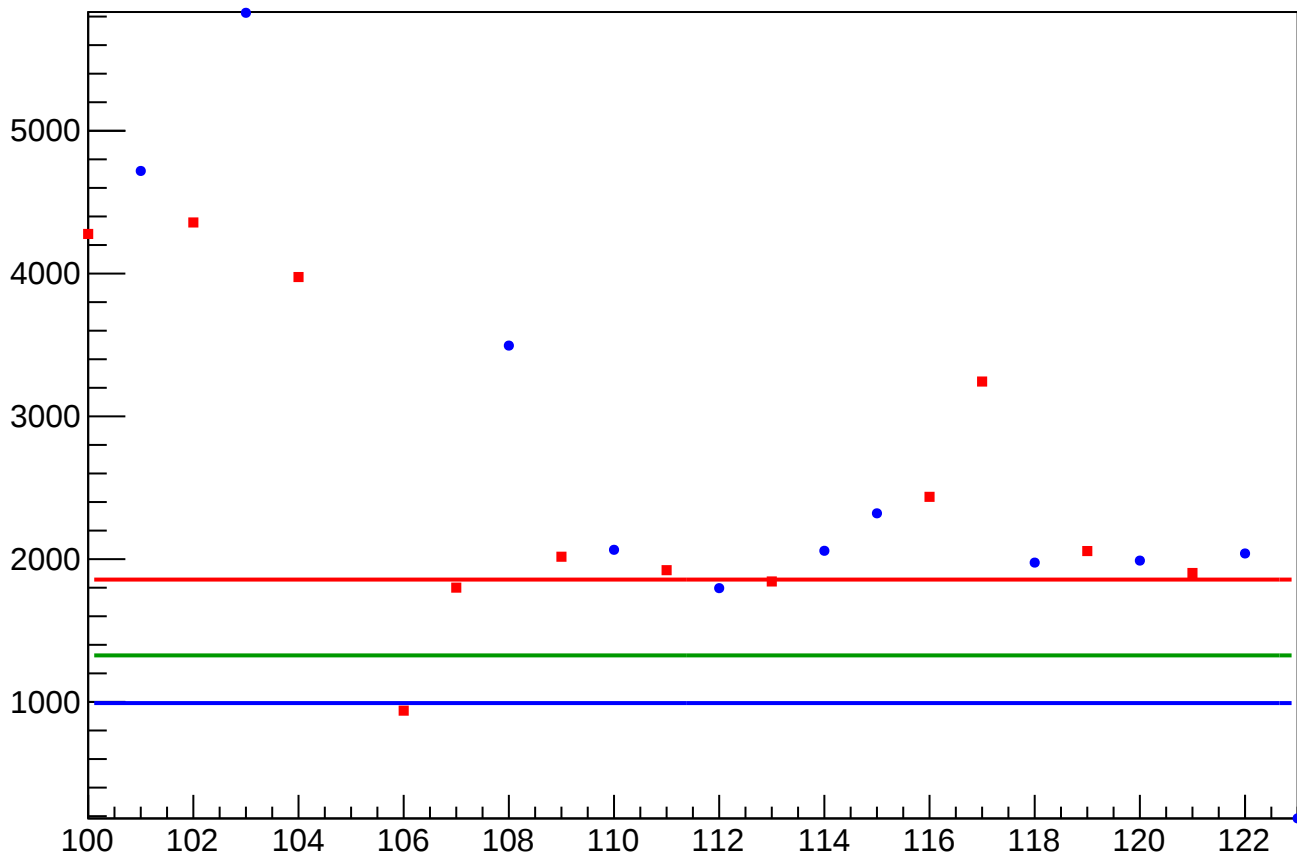
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

623.234+/-775.840 χ^2/NDF : 9.8/10

347.913+/-607.893 χ^2/NDF : 24.1/22

-89.882+/-978.334 χ^2/NDF : 14.0/11

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 991.990+/-0.549 χ^2/NDF : 4342026.3/10

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

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

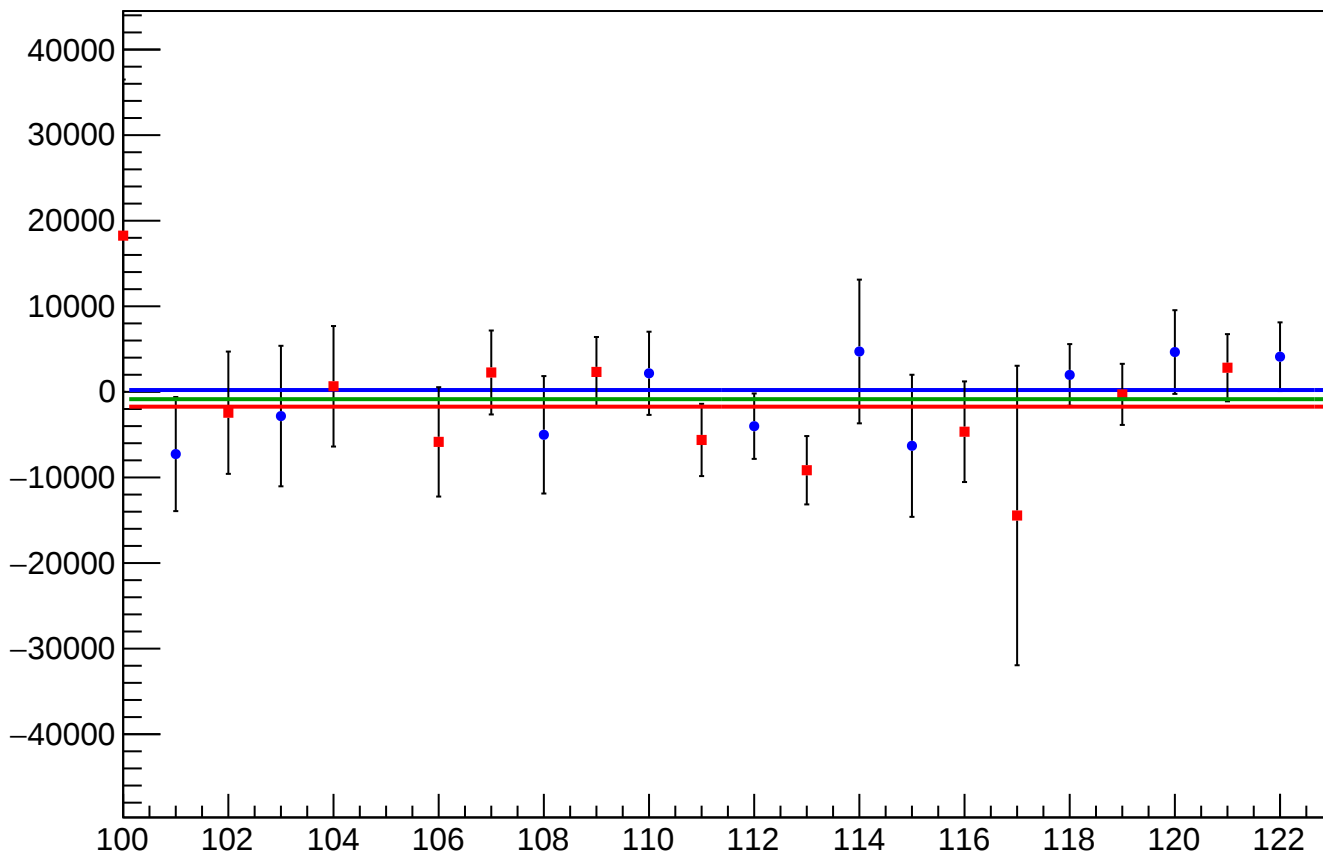
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

991.990+/-0.549 χ^2/NDF : 4342026.3/10

1325.934+/-0.430 χ^2/NDF : 6377776.6/22

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

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 216.623+/-1623.337 χ^2/NDF : 6.3/10

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

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

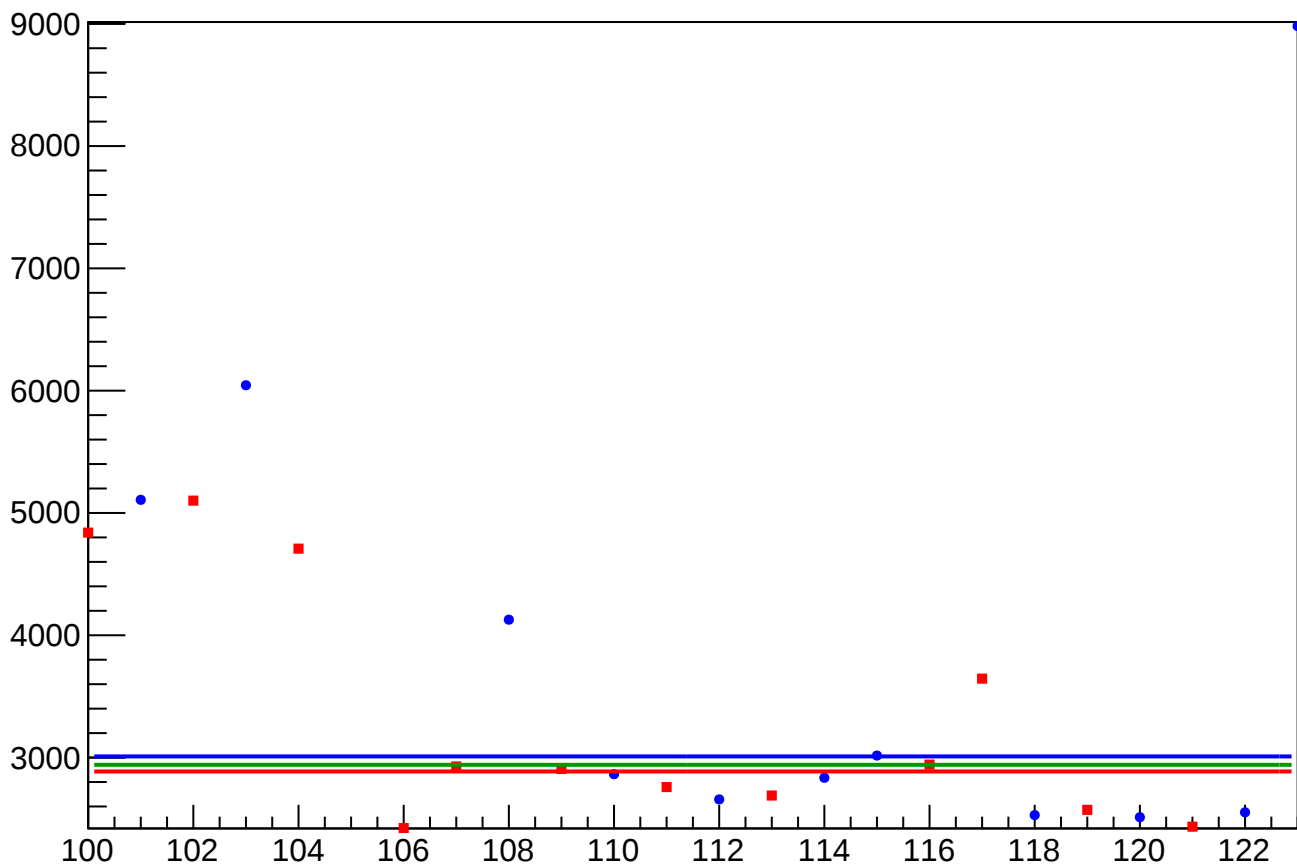
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

216.623+/-1623.337 χ^2/NDF : 6.3/10

-851.769+/-1089.388 χ^2/NDF : 17.0/22

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

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3009.319+/-1.148 χ^2/NDF : 658418.6/10

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

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

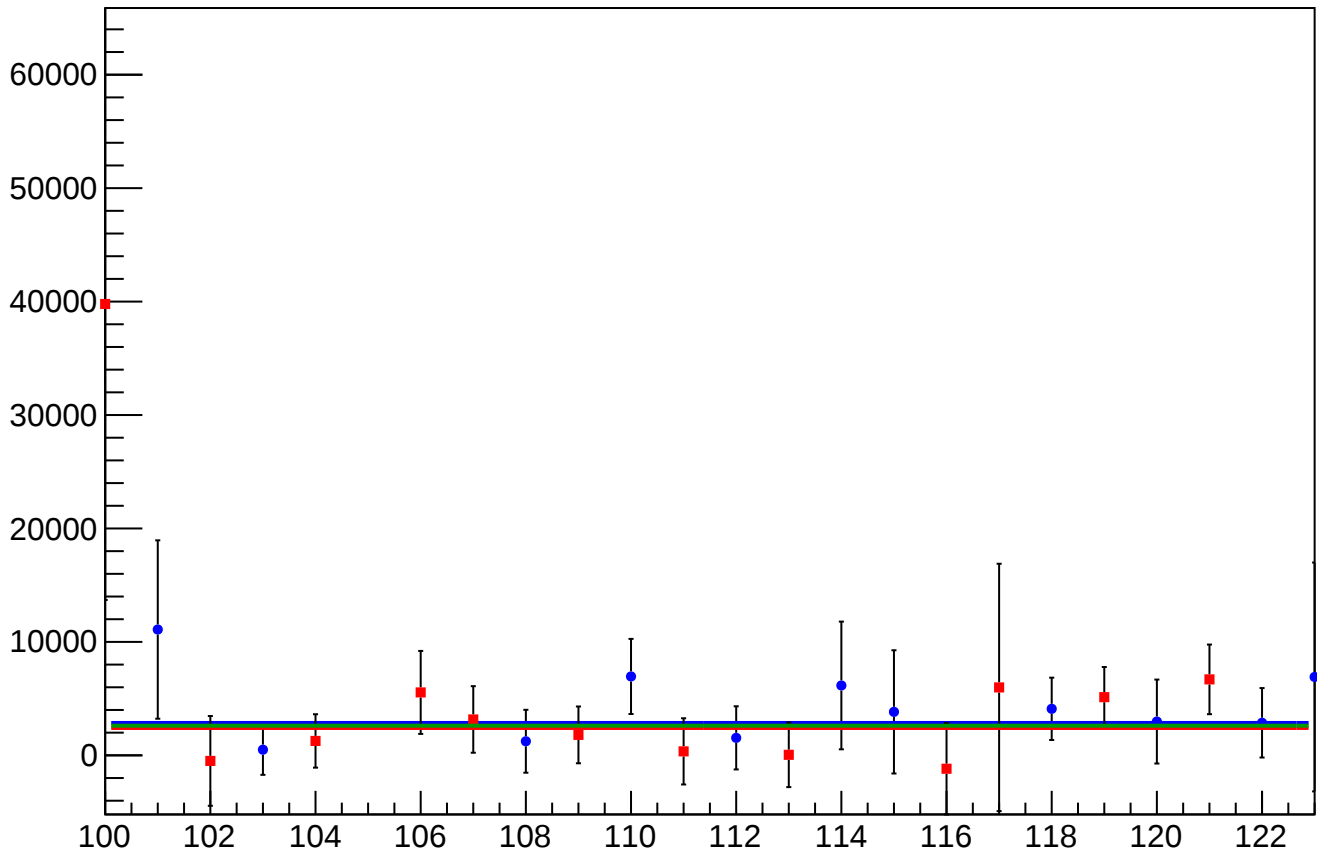
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3009.319+/-1.148 χ^2/NDF : 658418.6/10

2940.595+/-0.762 χ^2/NDF : 1084660.4/22

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

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2854.520+/-1021.601 χ^2/NDF : 5.1/10

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

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

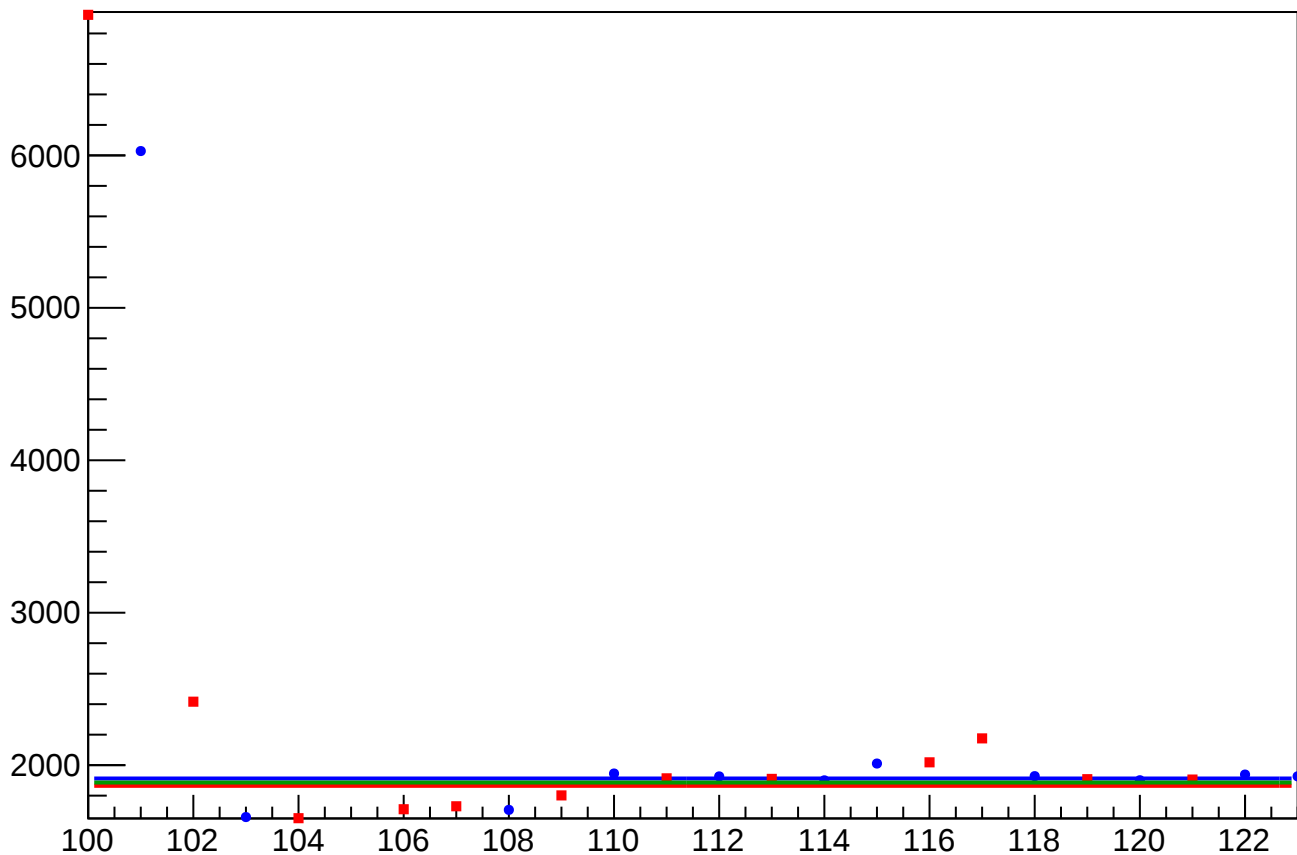
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2854.520+/-1021.601 χ^2/NDF : 5.1/10

2614.303+/-687.933 χ^2/NDF : 13.9/22

2415.005+/-930.532 χ^2/NDF : 8.8/11

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1912.447+/-0.722 χ^2/NDF : 586306.4/10

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

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

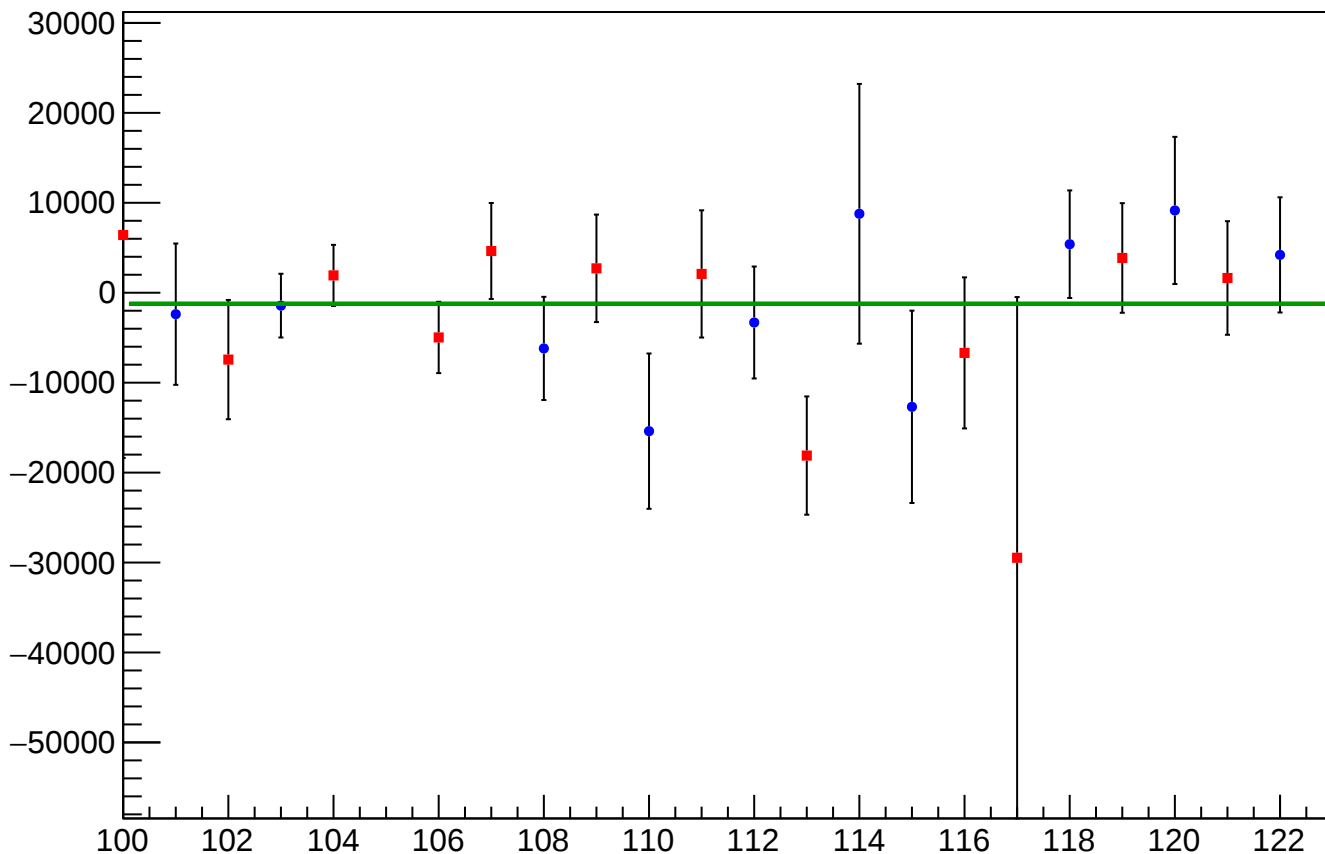
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1912.447+/-0.722 χ^2/NDF : 586306.4/10

1886.089+/-0.485 χ^2/NDF : 734993.4/22

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

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1229.289+/-2007.620 χ^2 /NDF: 8.8/10

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

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

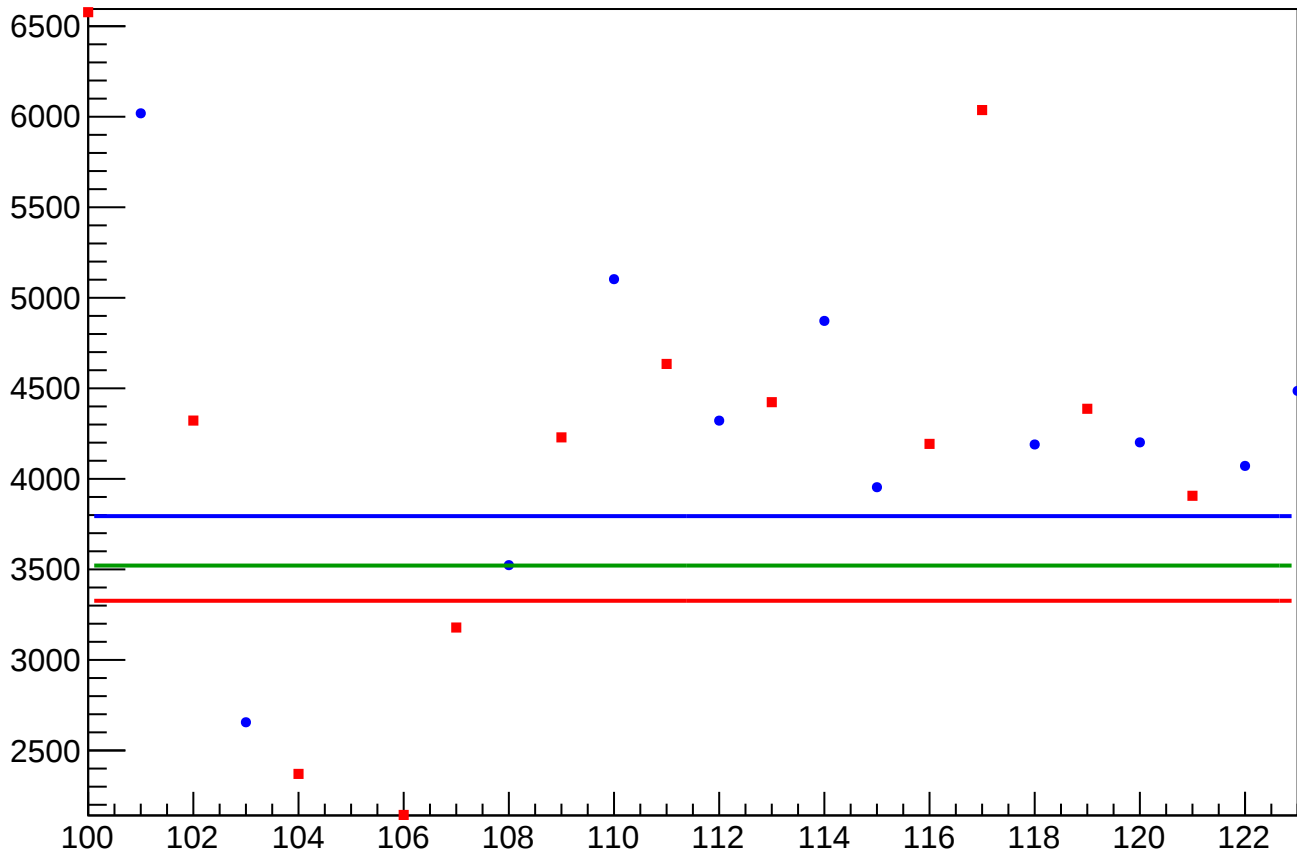
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1229.289+/-2007.620 χ^2 /NDF: 8.8/10

-1232.660+/-1294.941 χ^2 /NDF: 22.3/22

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

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 3794.232 $\pm$ 1.420 χ^2 /NDF: 462503.0/10

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

Right Out: 3326.690 $\pm$ 1.198 χ^2 /NDF: 703225.4/11

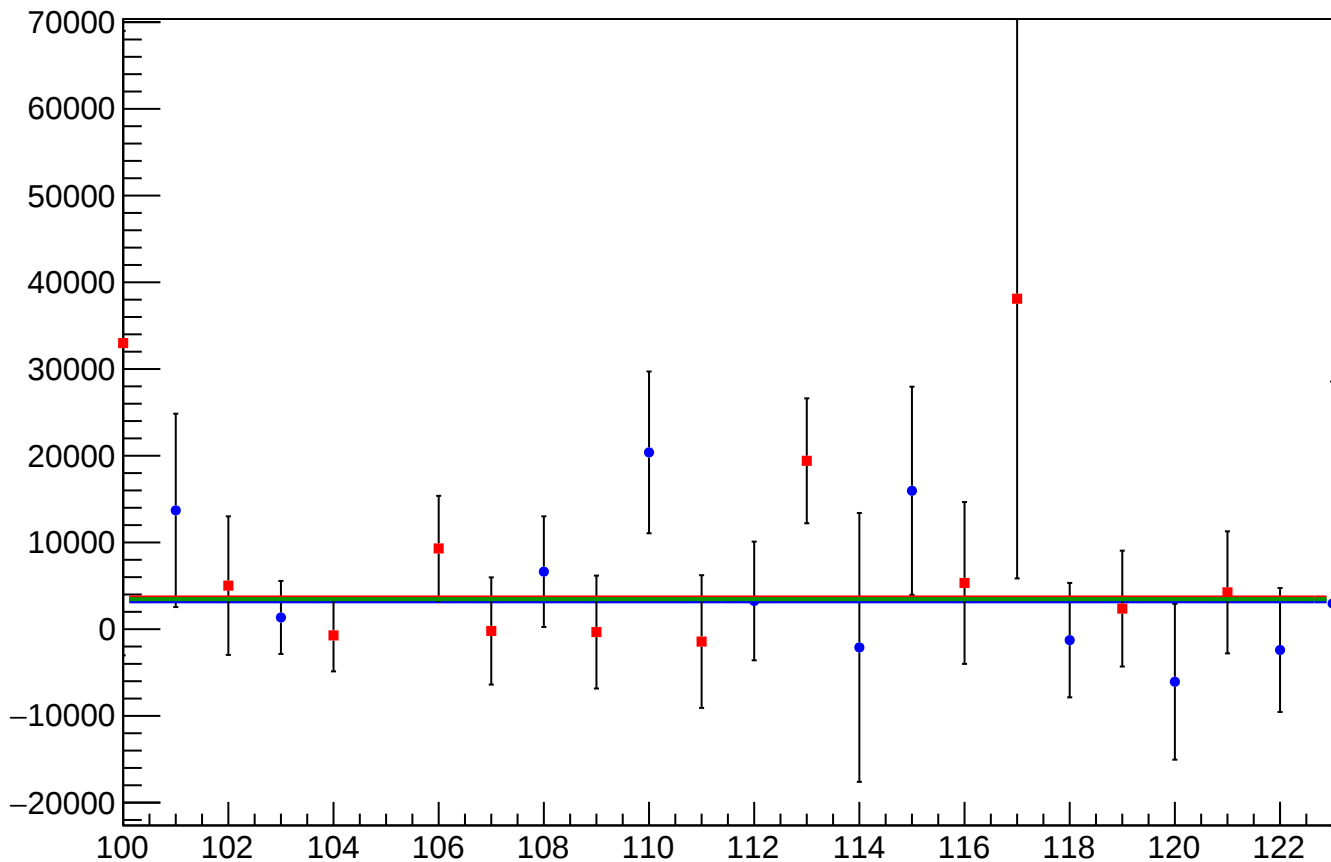
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3794.232 $\pm$ 1.420 χ^2 /NDF: 462503.0/10

3521.207 $\pm$ 0.916 χ^2 /NDF: 1229070.2/22

3326.690 $\pm$ 1.198 χ^2 /NDF: 703225.4/11

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3213.212+/-2297.451 χ^2/NDF : 8.1/10

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

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

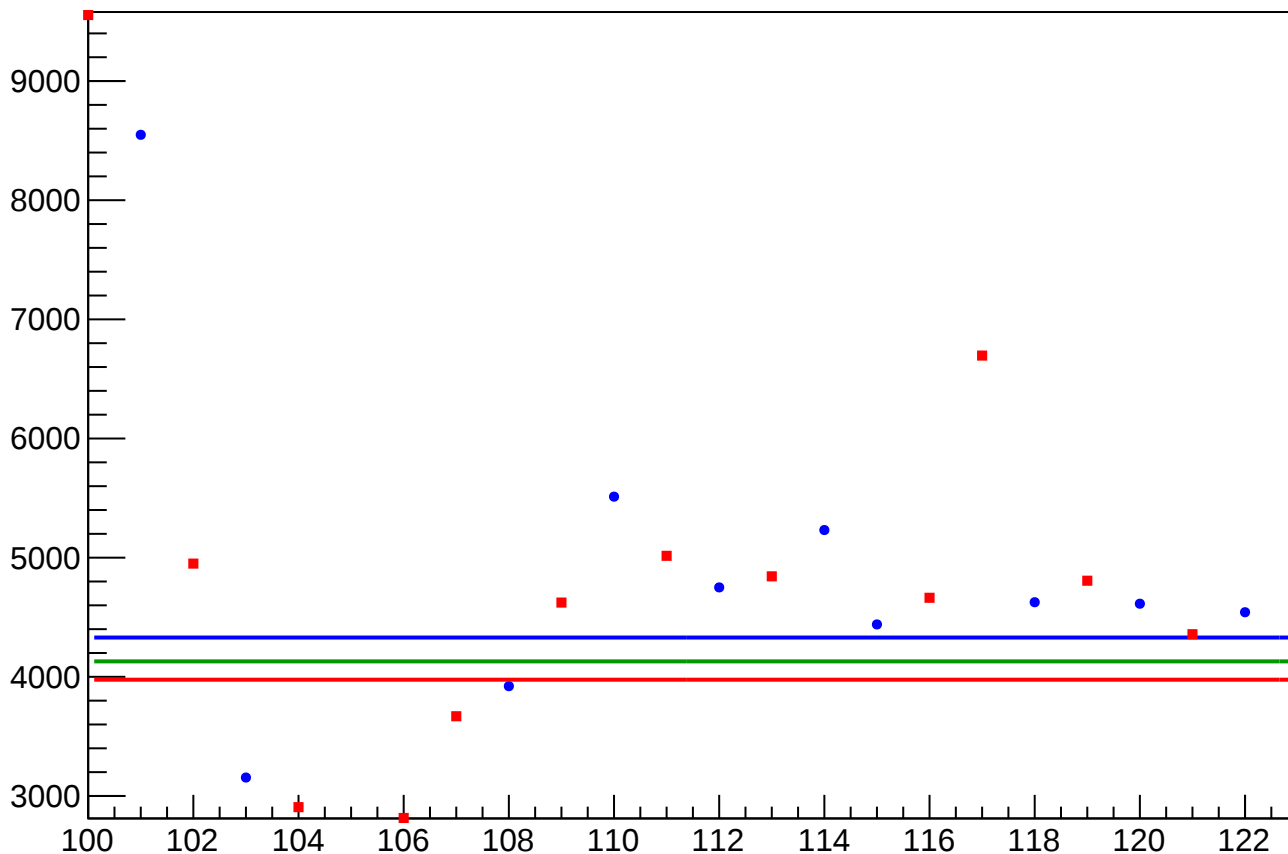
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3213.212+/-2297.451 χ^2/NDF : 8.1/10

3464.822+/-1521.053 χ^2/NDF : 18.0/22

3661.175+/-2029.559 χ^2/NDF : 9.9/11

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4329.742 $\pm$ 1.625 χ^2 /NDF: 505937.1/10

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

Right Out: 3975.880 $\pm$ 1.424 χ^2 /NDF: 446712.0/11

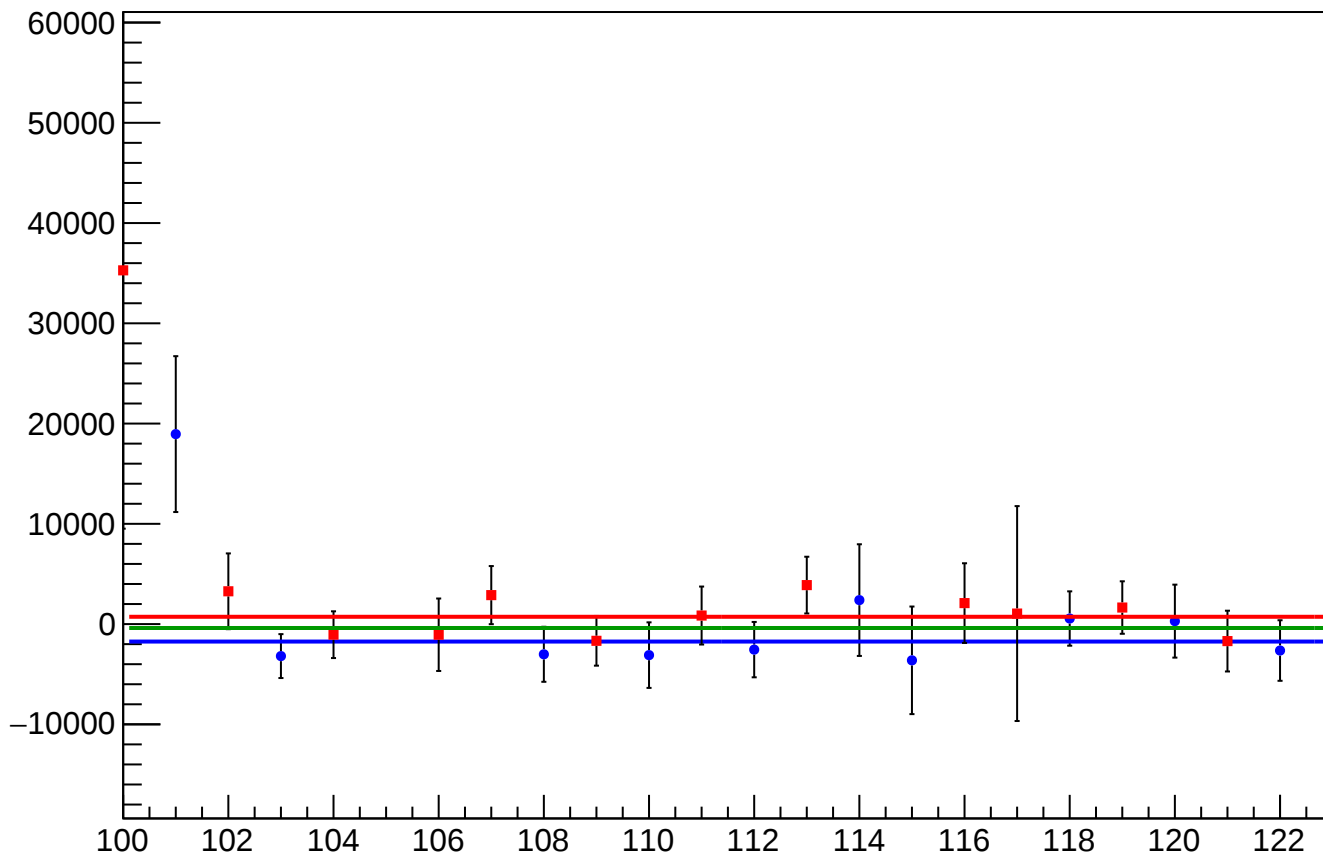
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

4329.742 $\pm$ 1.625 χ^2 /NDF: 505937.1/10

4129.595 $\pm$ 1.071 χ^2 /NDF: 979485.3/22

3975.880 $\pm$ 1.424 χ^2 /NDF: 446712.0/11

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1742.511+/-1009.737 χ^2/NDF : 10.4/10

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

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

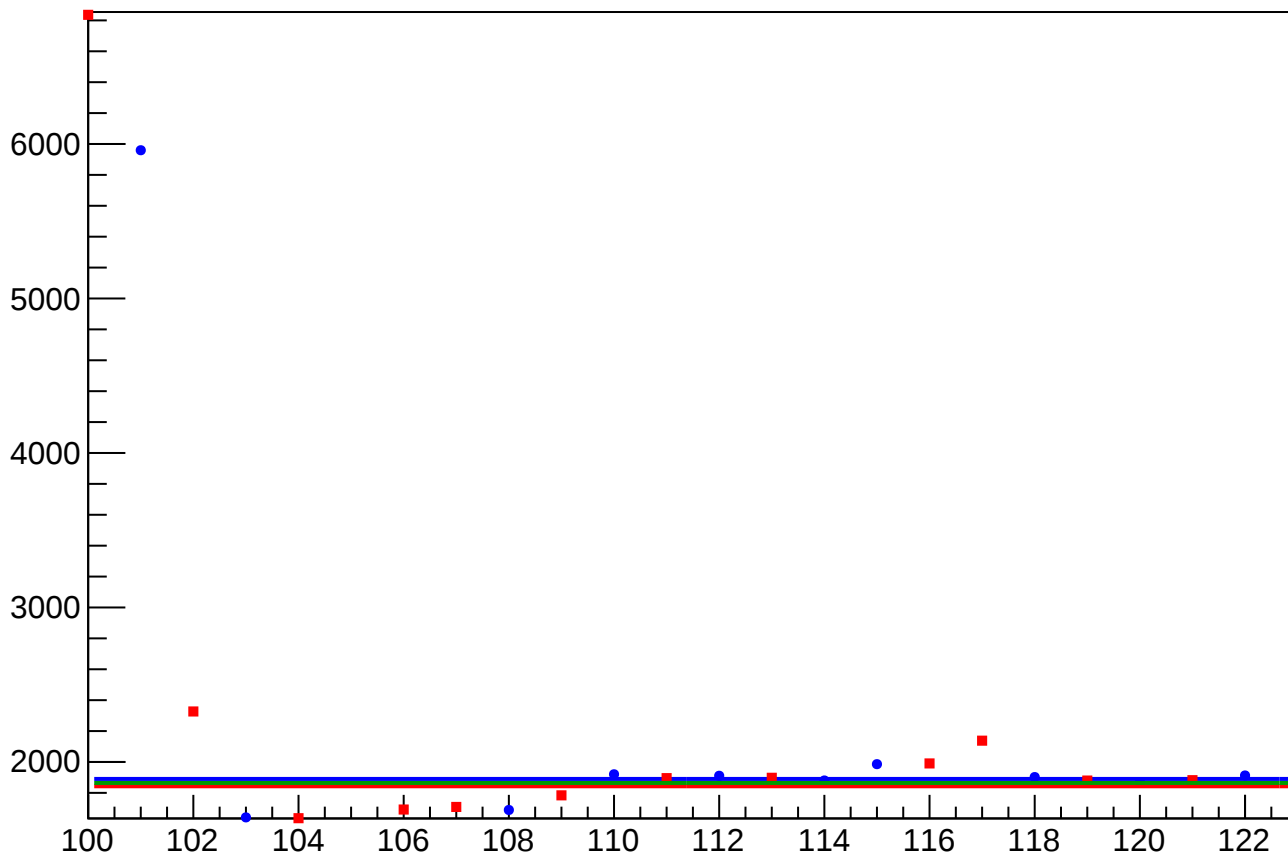
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1742.511+/-1009.737 χ^2/NDF : 10.4/10

-390.059+/-679.448 χ^2/NDF : 20.4/22

729.030+/-918.500 χ^2/NDF : 6.7/11

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1890.235+/-0.714 χ^2/NDF : 585857.7/10

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

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

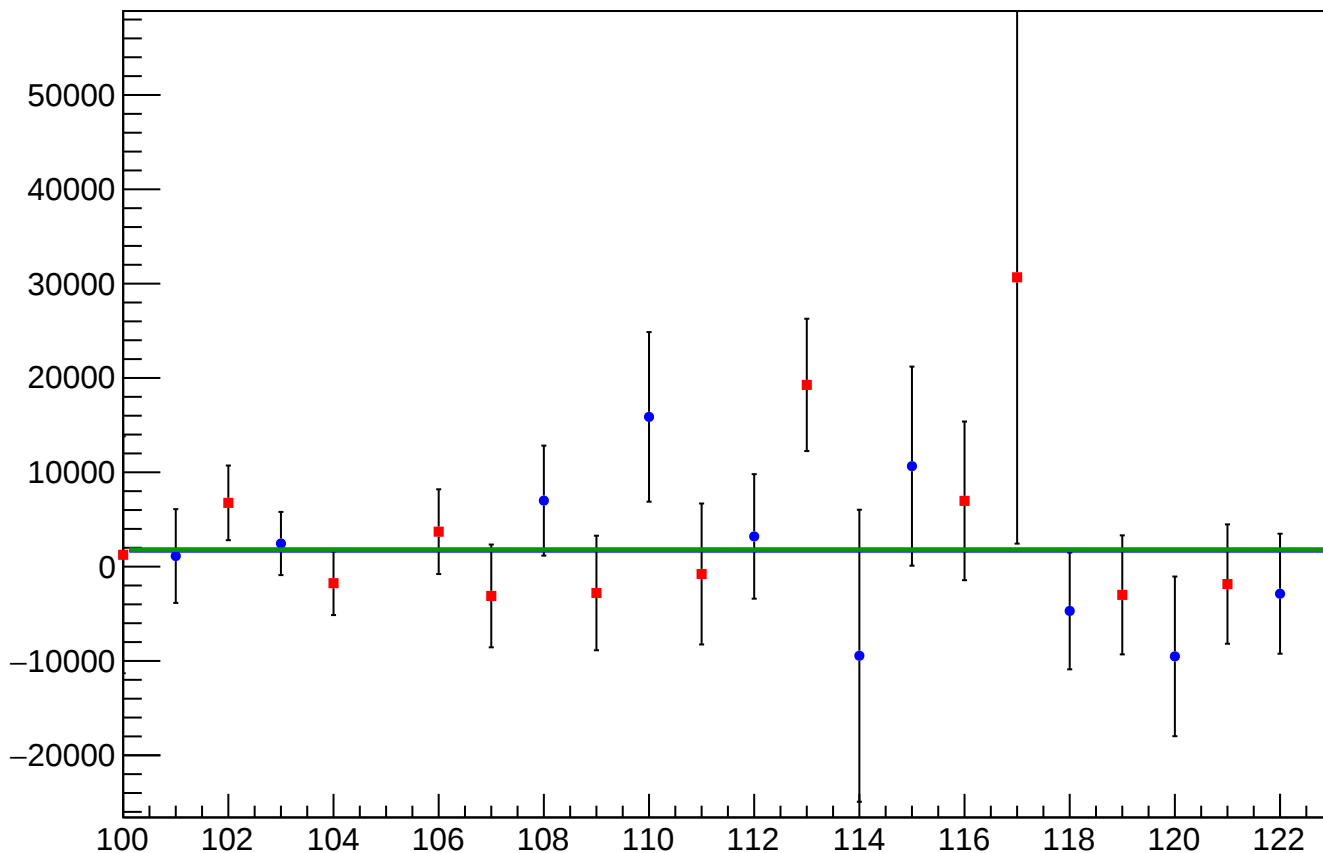
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1890.235+/-0.714 χ^2/NDF : 585857.7/10

1864.092+/-0.479 χ^2/NDF : 727655.5/22

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

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 1692.952+/-1910.052 χ^2/NDF : 8.0/10

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

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

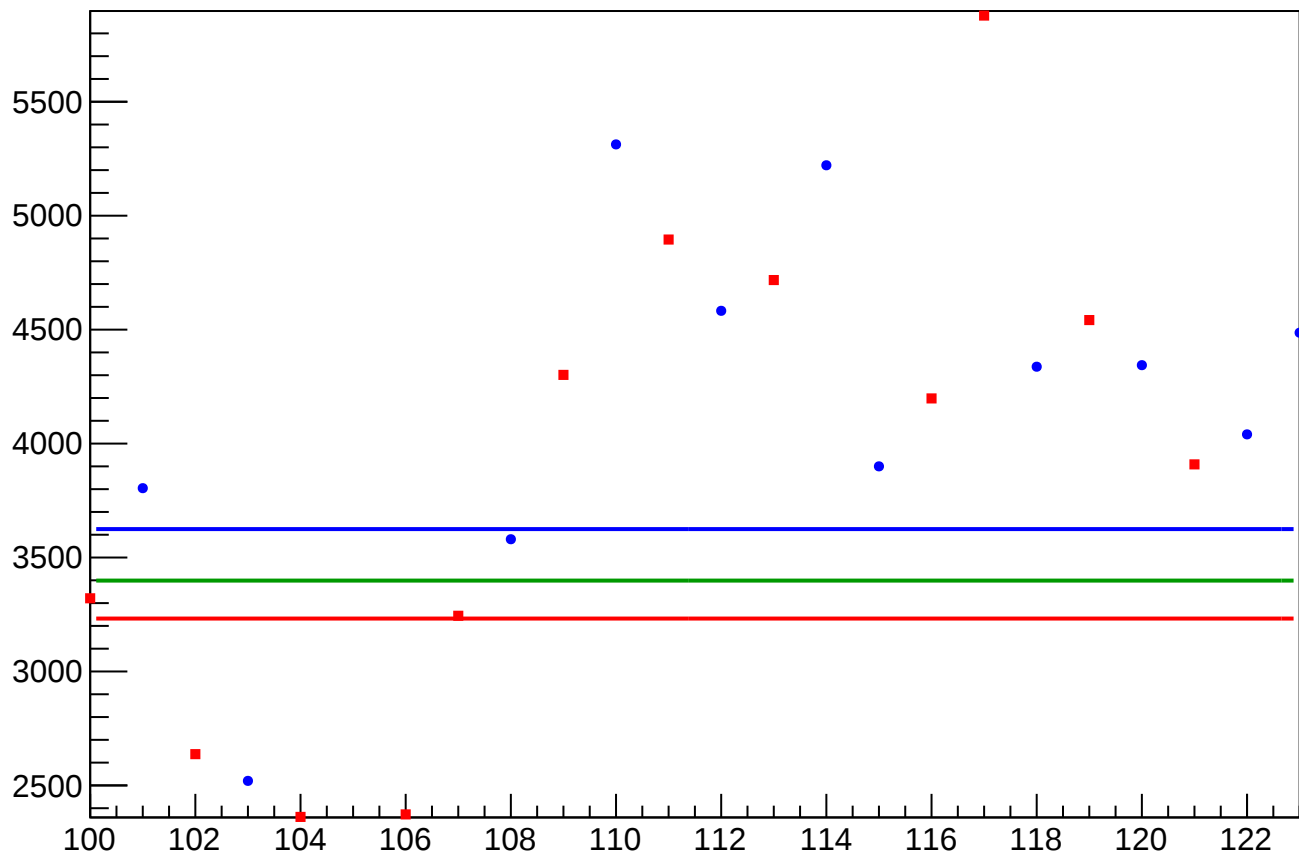
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1692.952+/-1910.052 χ^2/NDF : 8.0/10

1774.920+/-1244.307 χ^2/NDF : 20.9/22

1835.354+/-1640.074 χ^2/NDF : 12.9/11

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 3624.795+/-1.351 χ^2 /NDF: 407705.7/10

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

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

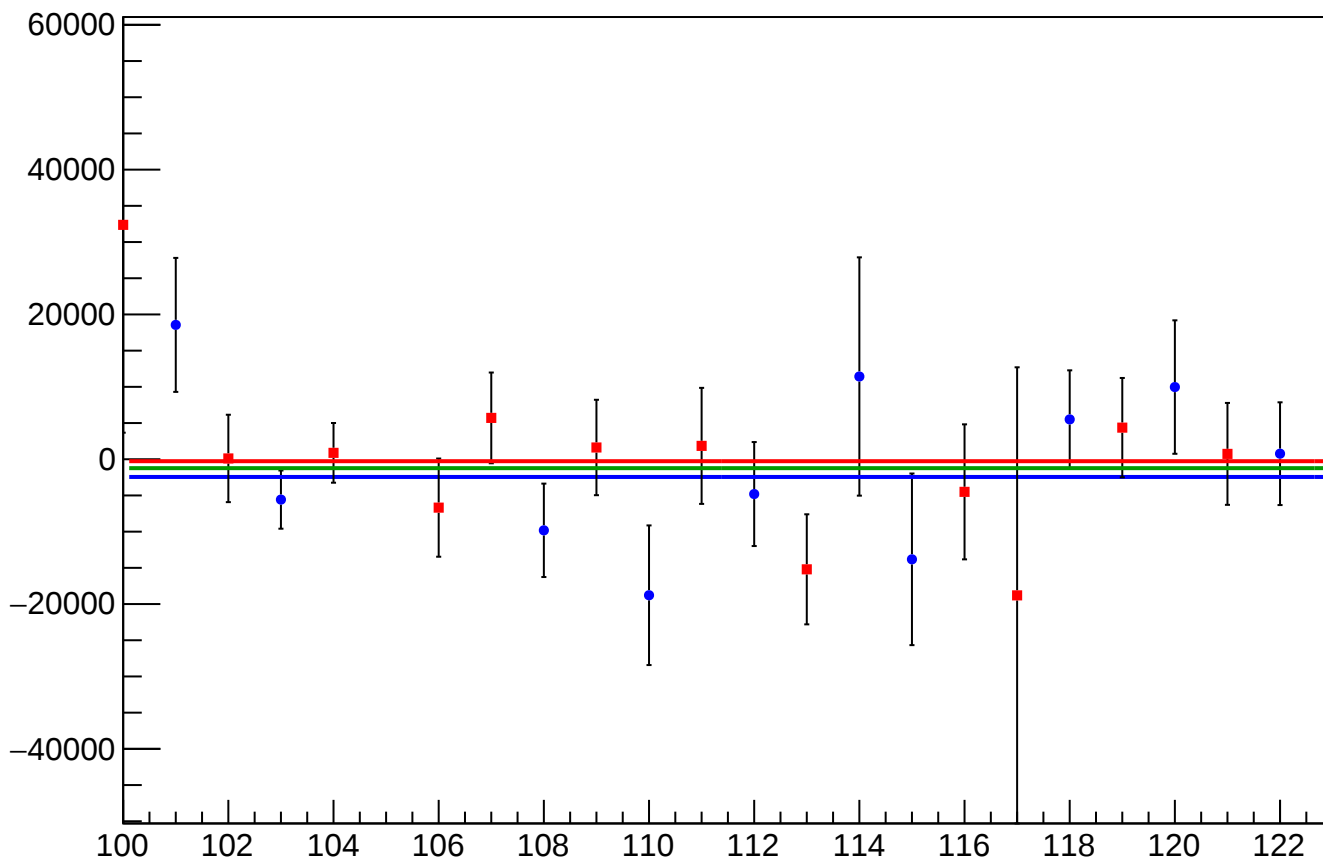
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

3624.795+/-1.351 χ^2 /NDF: 407705.7/10

3398.822+/-0.880 χ^2 /NDF: 1111203.3/22

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

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2446.386+/-2273.330 χ^2 /NDF: 15.1/10

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

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

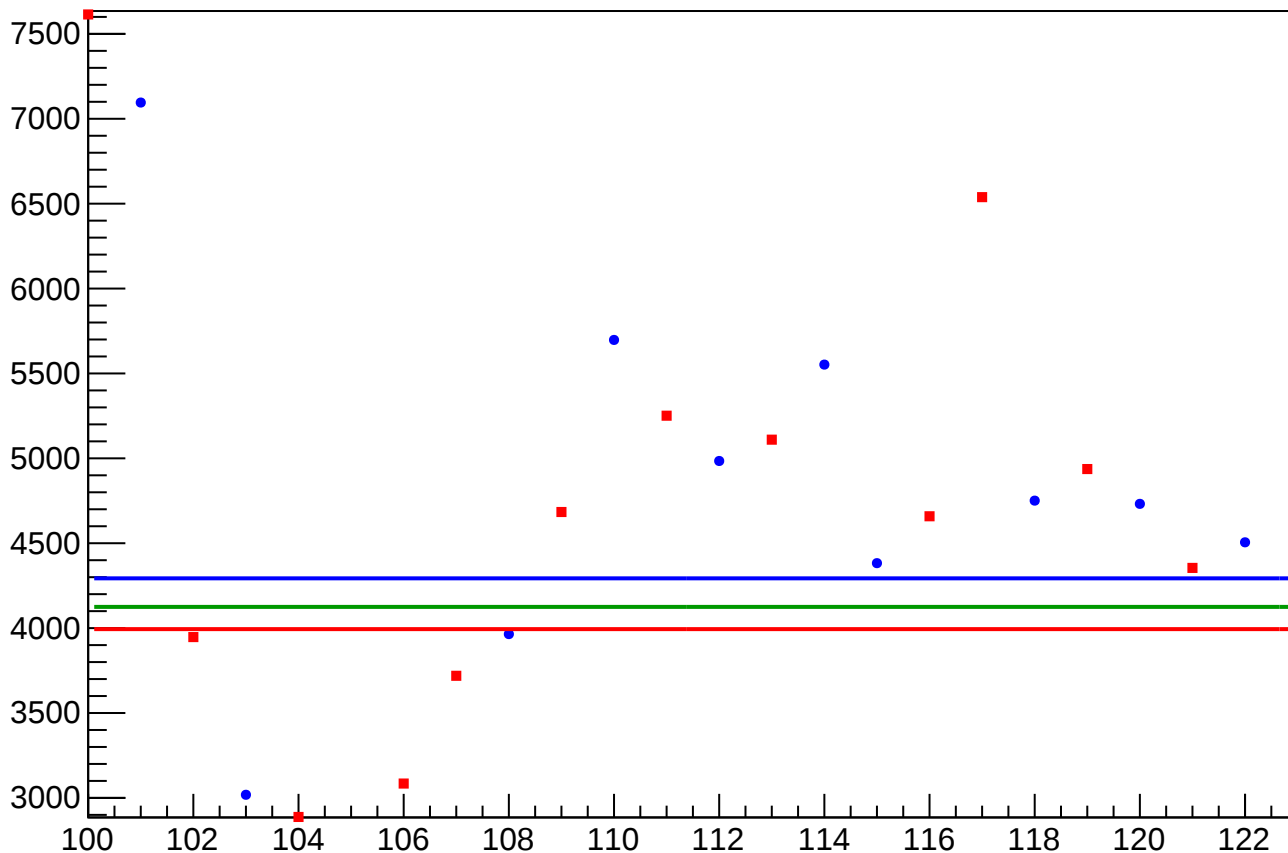
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-2446.386+/-2273.330 χ^2 /NDF: 15.1/10

-1230.657+/-1510.929 χ^2 /NDF: 23.8/22

-268.690+/-2022.202 χ^2 /NDF: 8.2/11

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4293.169+/-1.607 χ^2/NDF : 479018.7/10

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

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

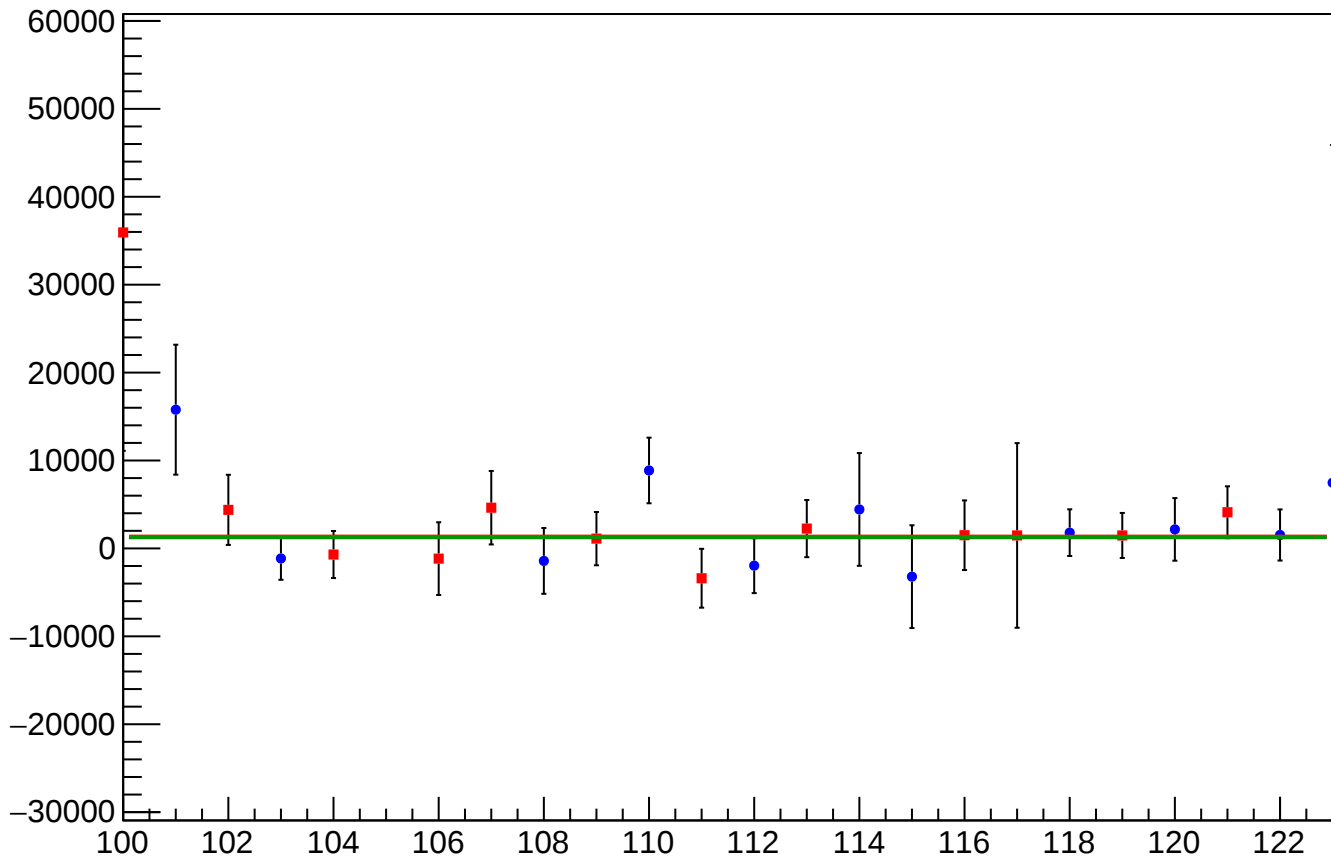
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4293.169+/-1.607 χ^2/NDF : 479018.7/10

4125.028+/-1.064 χ^2/NDF : 901150.7/22

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

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1275.618+/-1100.054 χ^2/NDF : 11.5/10

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

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

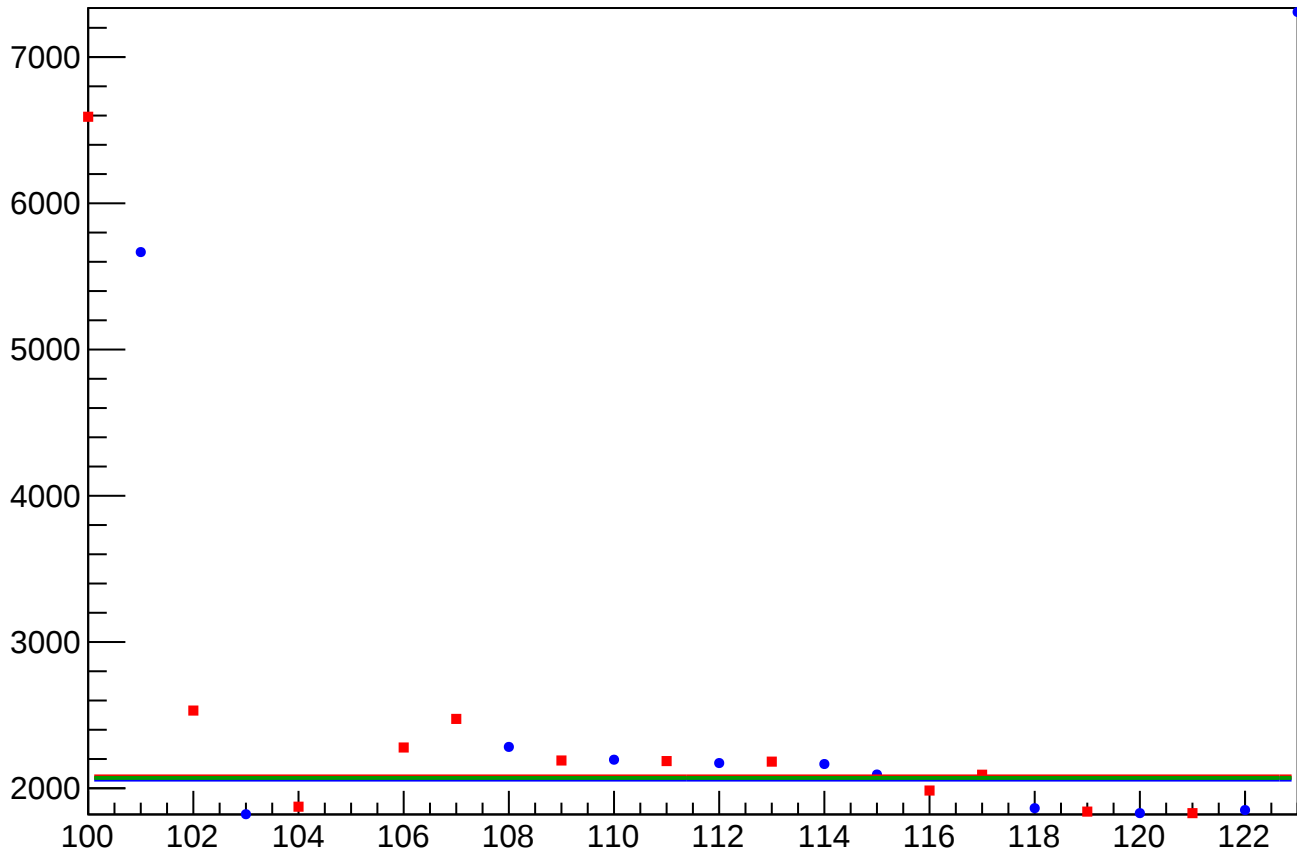
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1275.618+/-1100.054 χ^2/NDF : 11.5/10

1307.732+/-749.749 χ^2/NDF : 18.6/22

1335.590+/-1024.576 χ^2/NDF : 7.1/11

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2059.282+/-0.778 χ^2/NDF : 575018.2/10

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

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

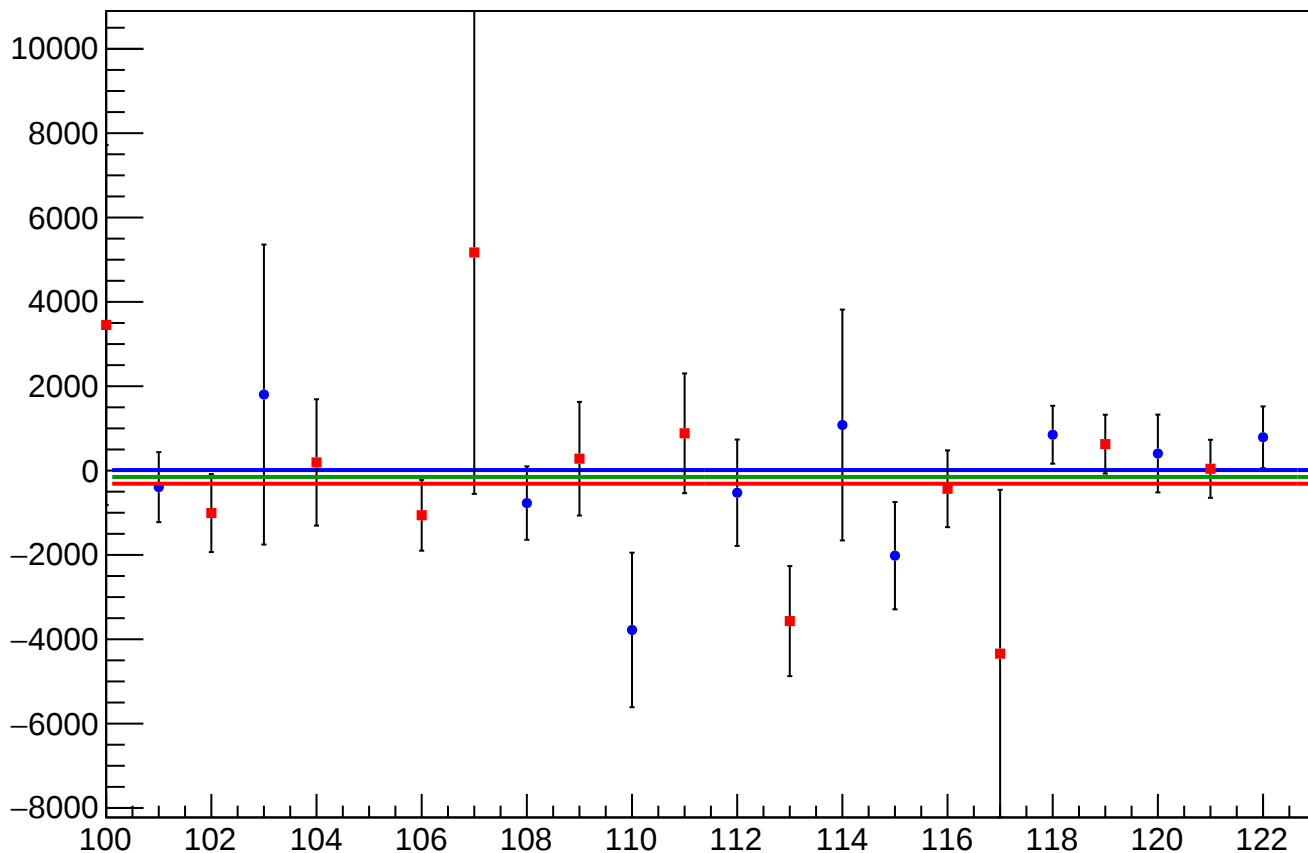
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2059.282+/-0.778 χ^2/NDF : 575018.2/10

2070.815+/-0.530 χ^2/NDF : 740904.1/22

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

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: 12.373+/-316.269 χ^2/NDF : 11.7/10

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

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

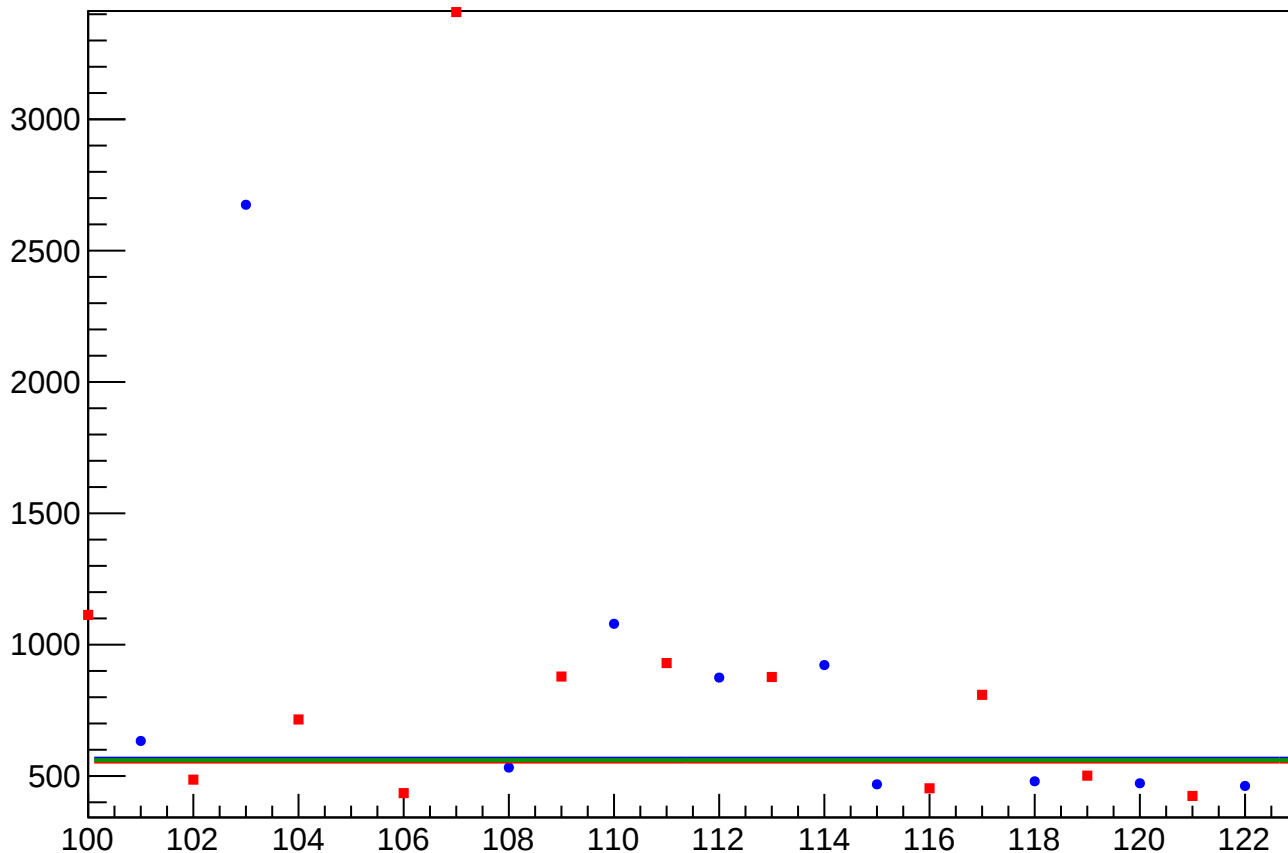
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12.373+/-316.269 χ^2/NDF : 11.7/10

-151.090+/-222.568 χ^2/NDF : 25.7/22

-311.467+/-313.269 χ^2/NDF : 13.5/11

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 566.063+/-0.224 χ^2/NDF : 1163972.6/10

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

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

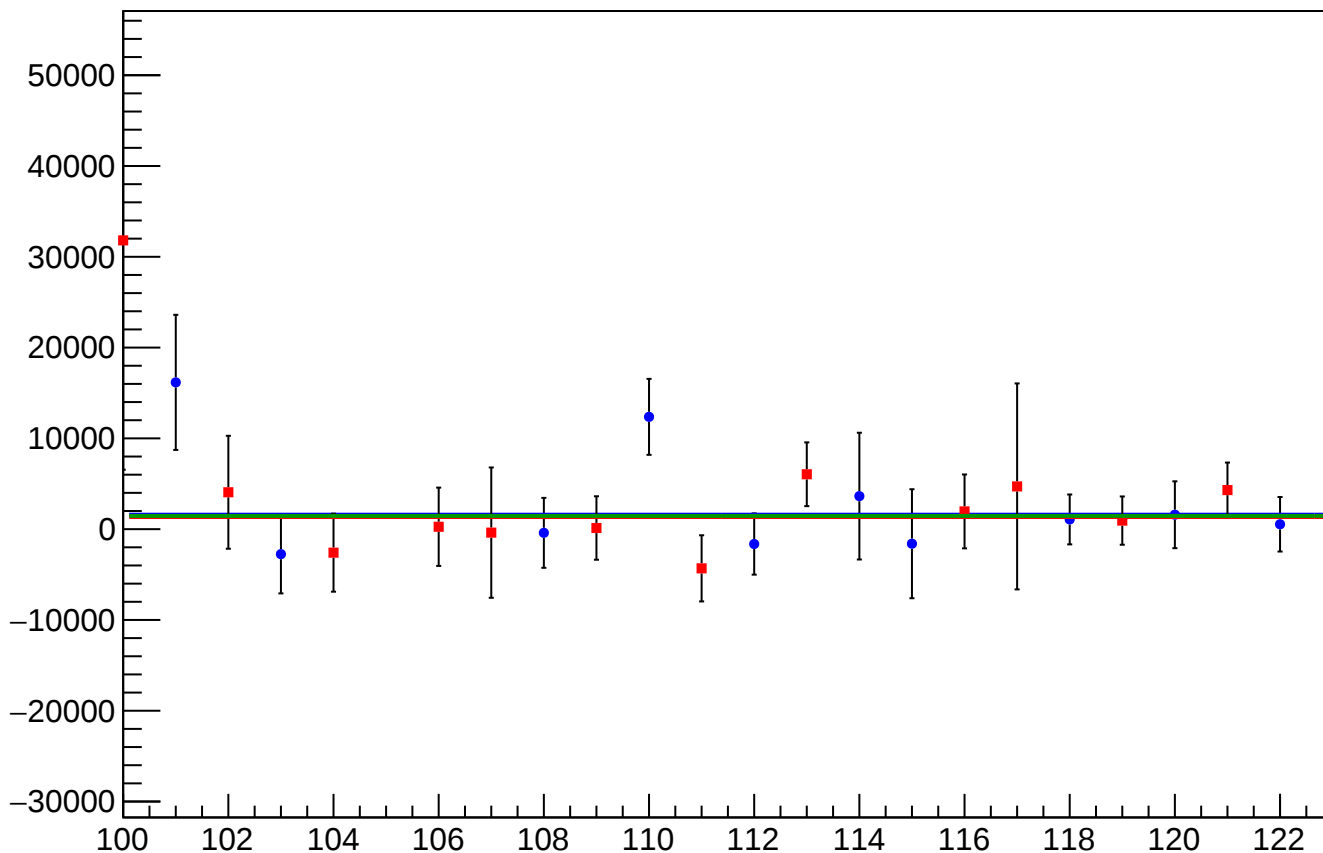
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

566.063+/-0.224 χ^2/NDF : 1163972.6/10

560.481+/-0.157 χ^2/NDF : 2265223.0/22

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

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1591.639+/-1240.226 χ^2/NDF : 13.2/10

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

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

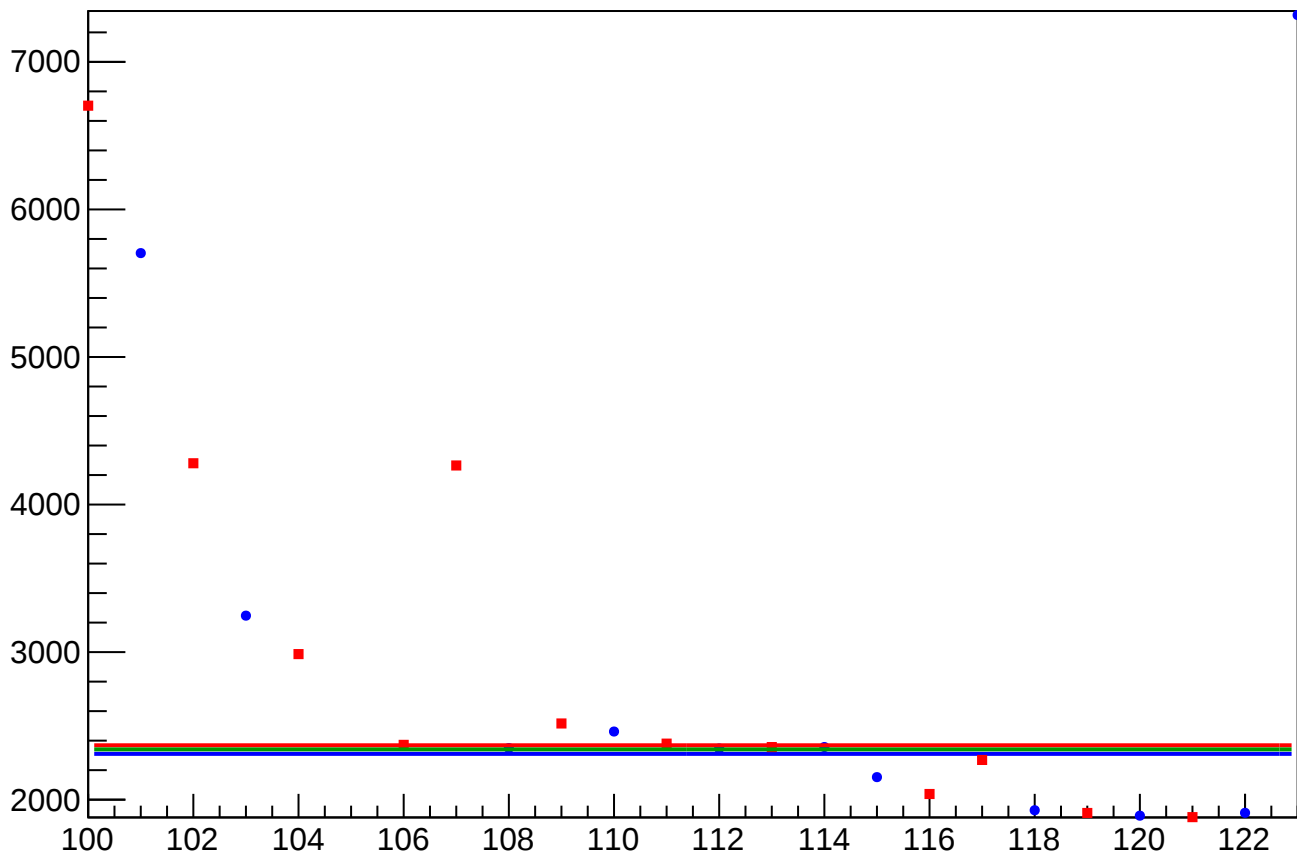
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1591.639+/-1240.226 χ^2/NDF : 13.2/10

1460.656+/-856.962 χ^2/NDF : 21.3/22

1340.980+/-1185.482 χ^2/NDF : 8.0/11

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2310.429+/-0.877 χ^2/NDF : 648283.7/10

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

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

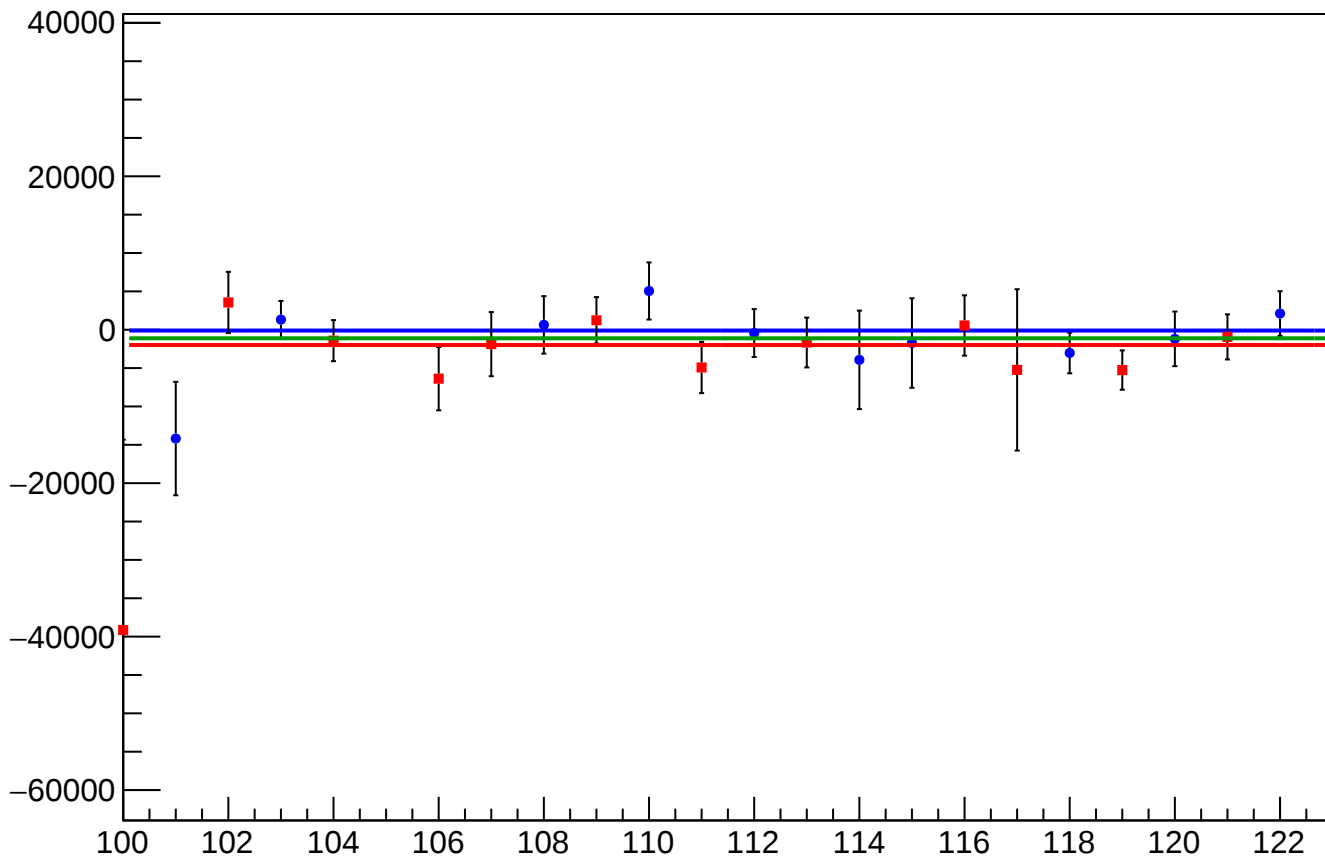
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2310.429+/-0.877 χ^2/NDF : 648283.7/10

2340.809+/-0.606 χ^2/NDF : 1207469.1/22

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

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -104.572+/-1098.719 χ^2/NDF : 8.3/10

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

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

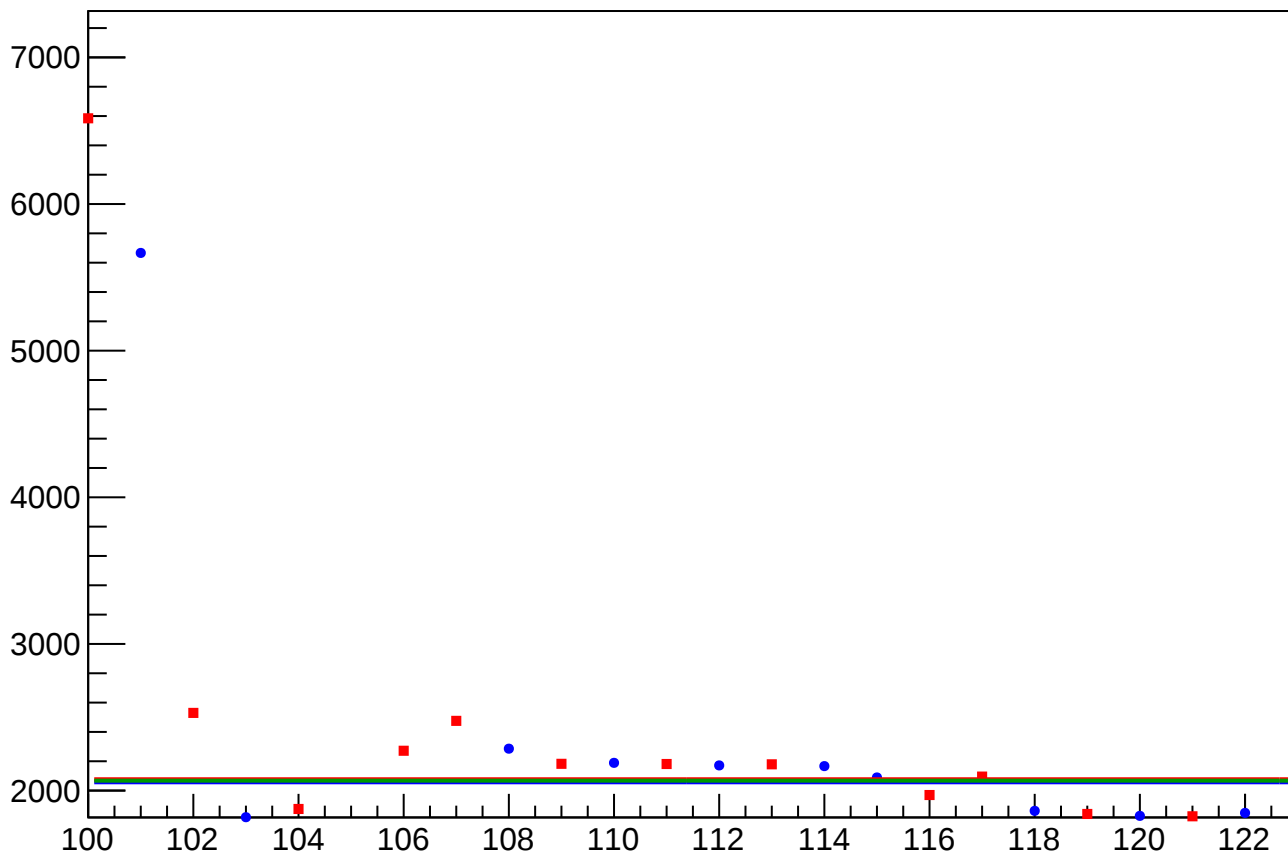
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-104.572+/-1098.719 χ^2/NDF : 8.3/10

-1116.104+/-748.661 χ^2/NDF : 19.4/22

-1992.812+/-1022.878 χ^2/NDF : 9.5/11

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2056.508+/-0.777 χ^2/NDF : 576414.4/10

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

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

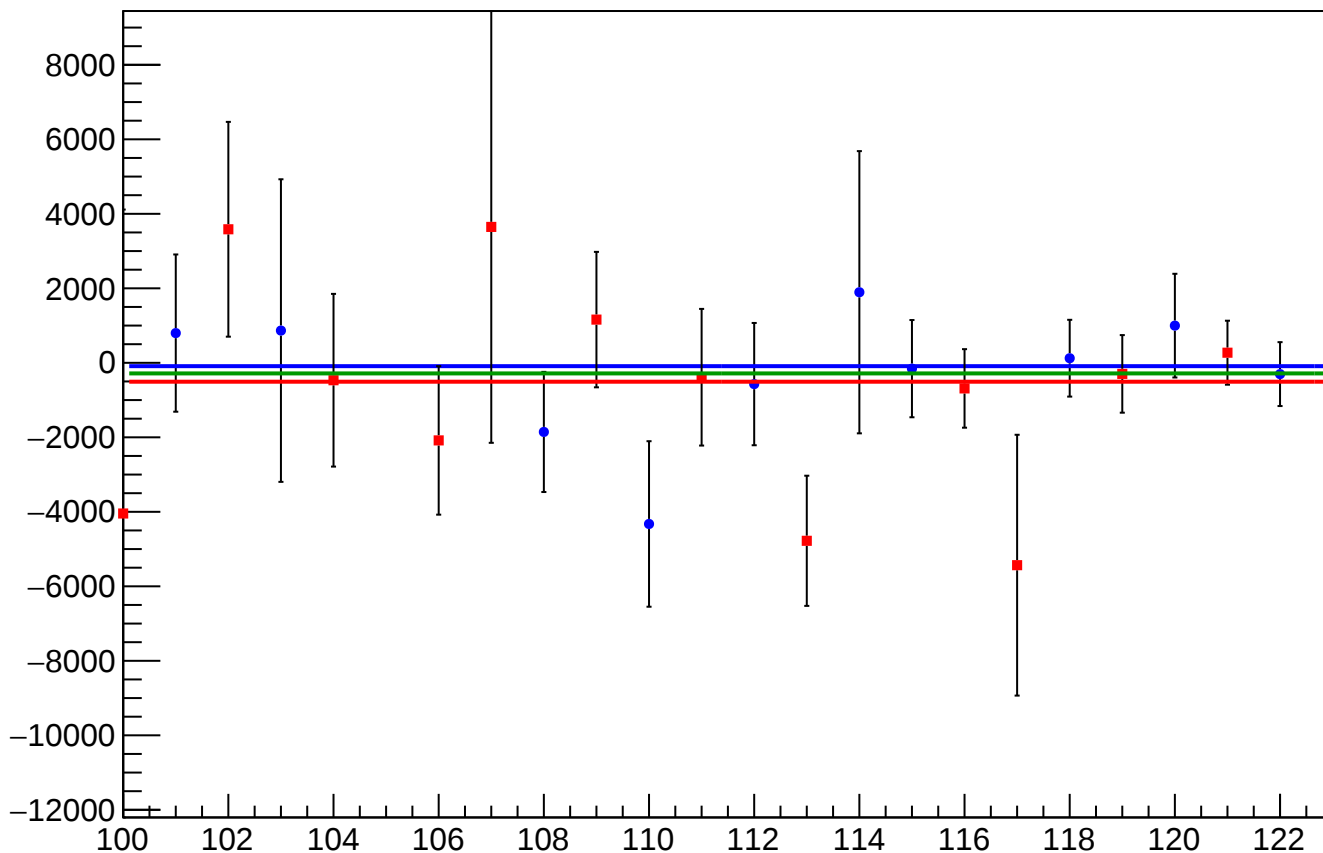
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2056.508+/-0.777 χ^2/NDF : 576414.4/10

2067.656+/-0.529 χ^2/NDF : 742228.4/22

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

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: -89.748 ± 427.246 χ^2/NDF : 7.2/10

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

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

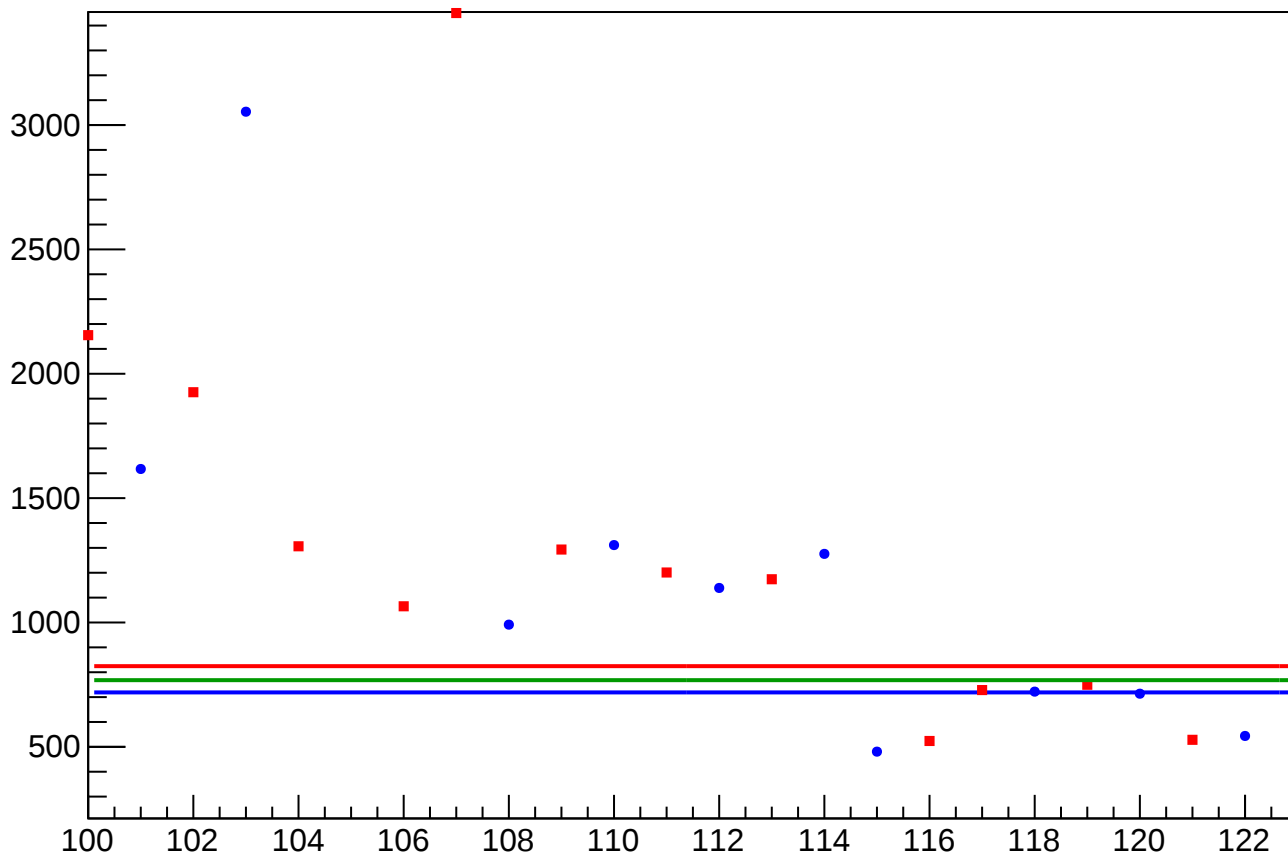
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-89.748 ± 427.246 χ^2/NDF : 7.2/10

-284.377 ± 312.086 χ^2/NDF : 20.7/22

-507.022 ± 456.963 χ^2/NDF : 13.0/11

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 718.867+/-0.302 χ^2/NDF : 1936321.9/10

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

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

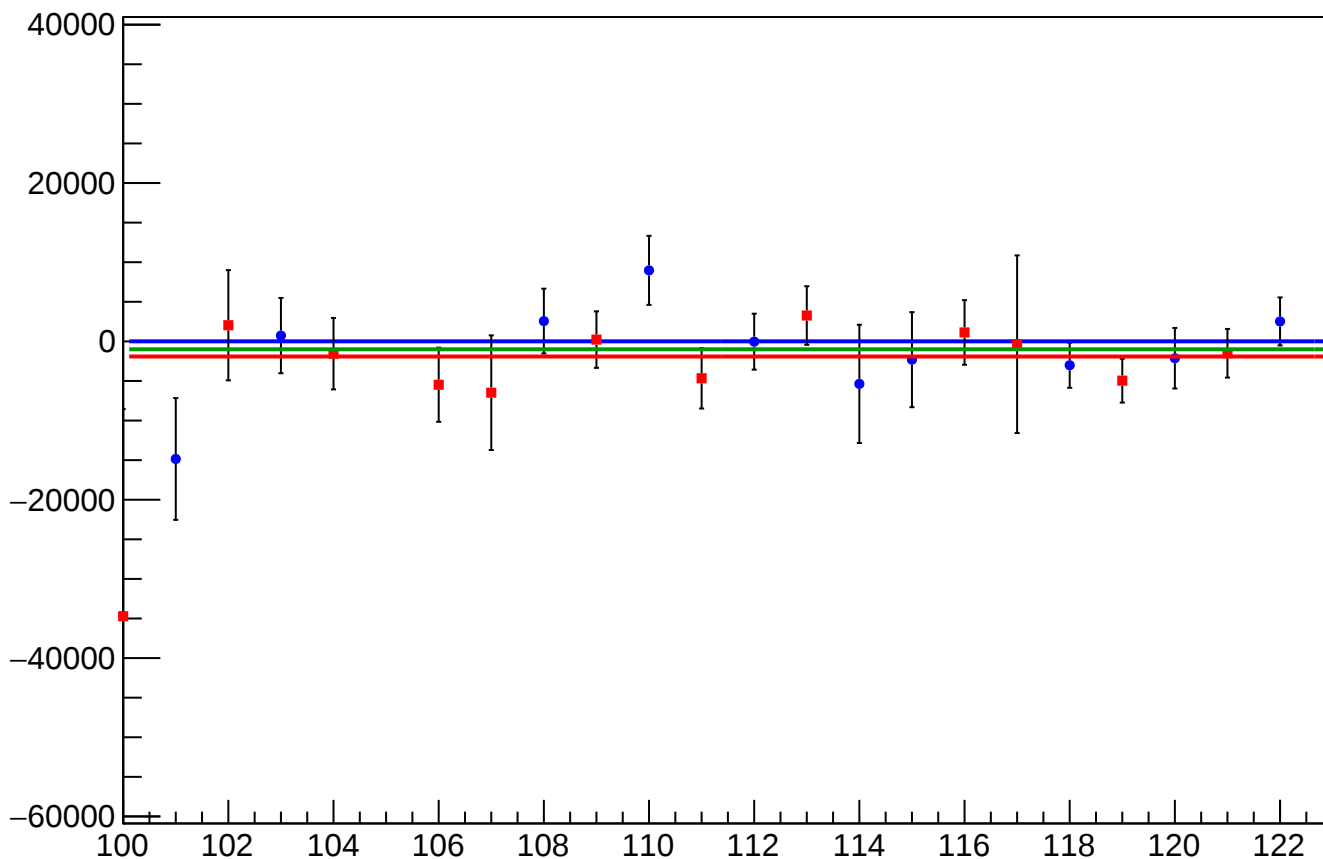
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

718.867+/-0.302 χ^2/NDF : 1936321.9/10

768.110+/-0.221 χ^2/NDF : 3574109.7/22

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

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 6.462 ± 1291.003 $\chi^2/\text{NDF}: 11.2/10$

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

Right Out: -1909.546 ± 1230.795 $\chi^2/\text{NDF}: 7.5/11$

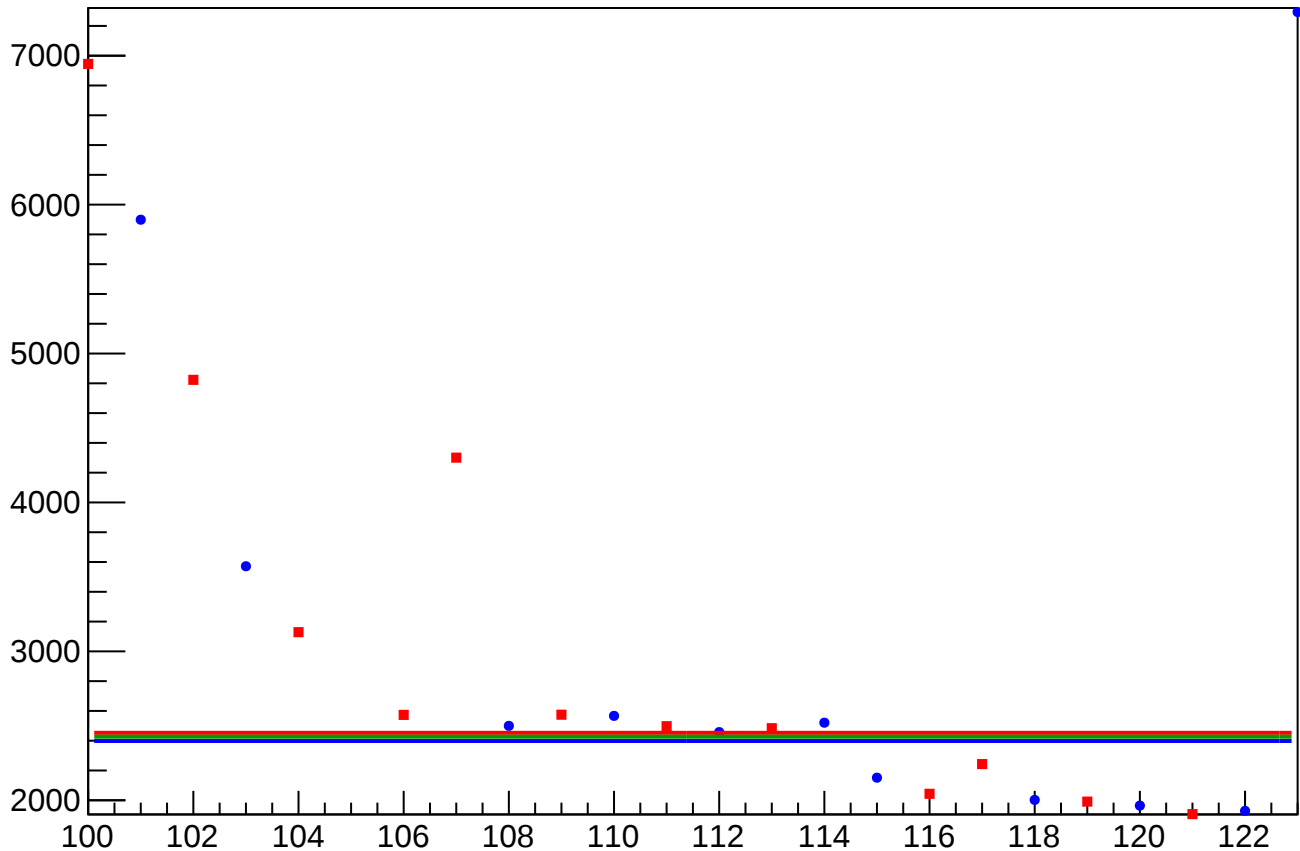
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

6.462 ± 1291.003 $\chi^2/\text{NDF}: 11.2/10$

-997.261 ± 890.828 $\chi^2/\text{NDF}: 19.8/22$

-1909.546 ± 1230.795 $\chi^2/\text{NDF}: 7.5/11$

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2398.267+/-0.913 χ^2/NDF : 689287.5/10

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

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

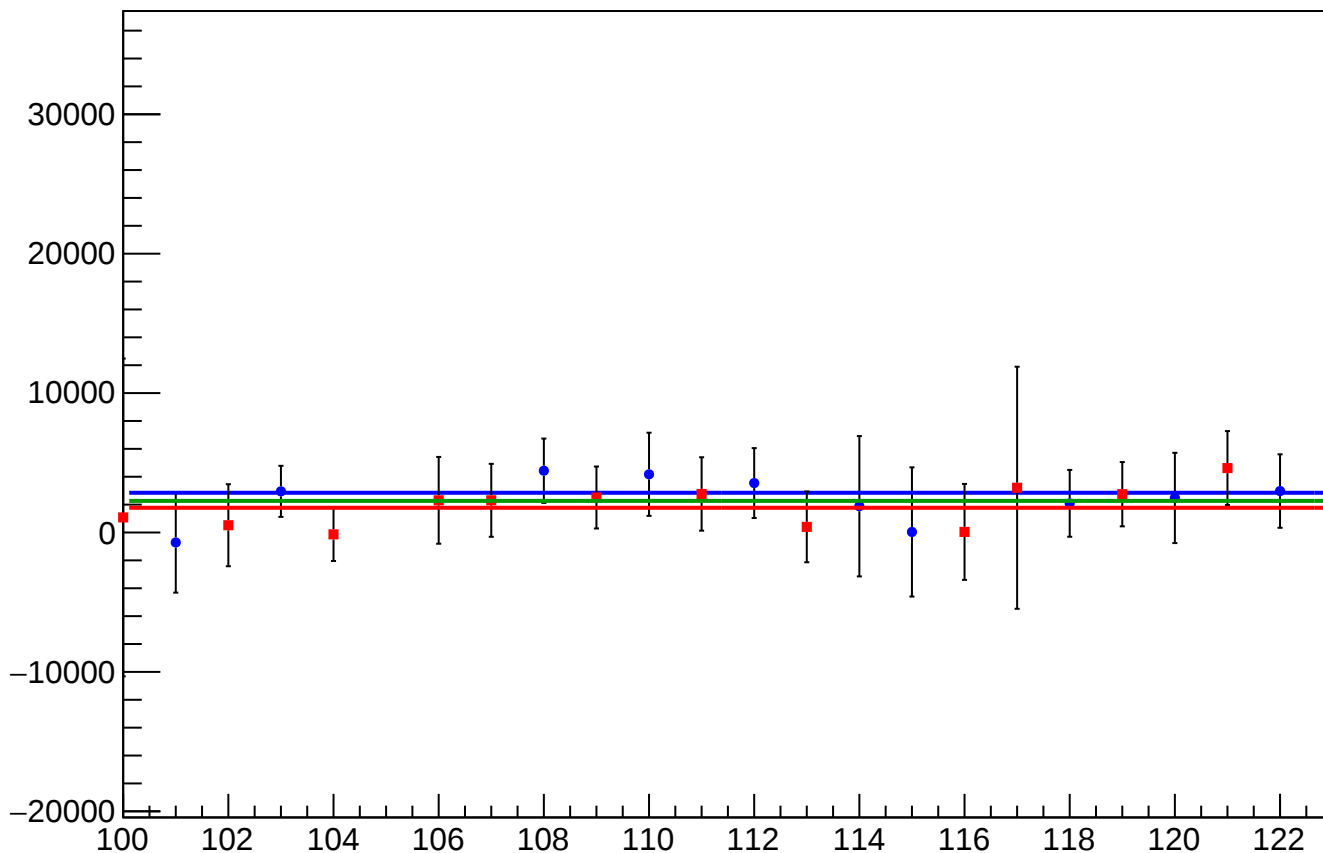
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2398.267+/-0.913 χ^2/NDF : 689287.5/10

2426.967+/-0.630 χ^2/NDF : 1301043.1/22

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

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2850.403+/-865.219 χ^2/NDF : 2.3/10

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

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

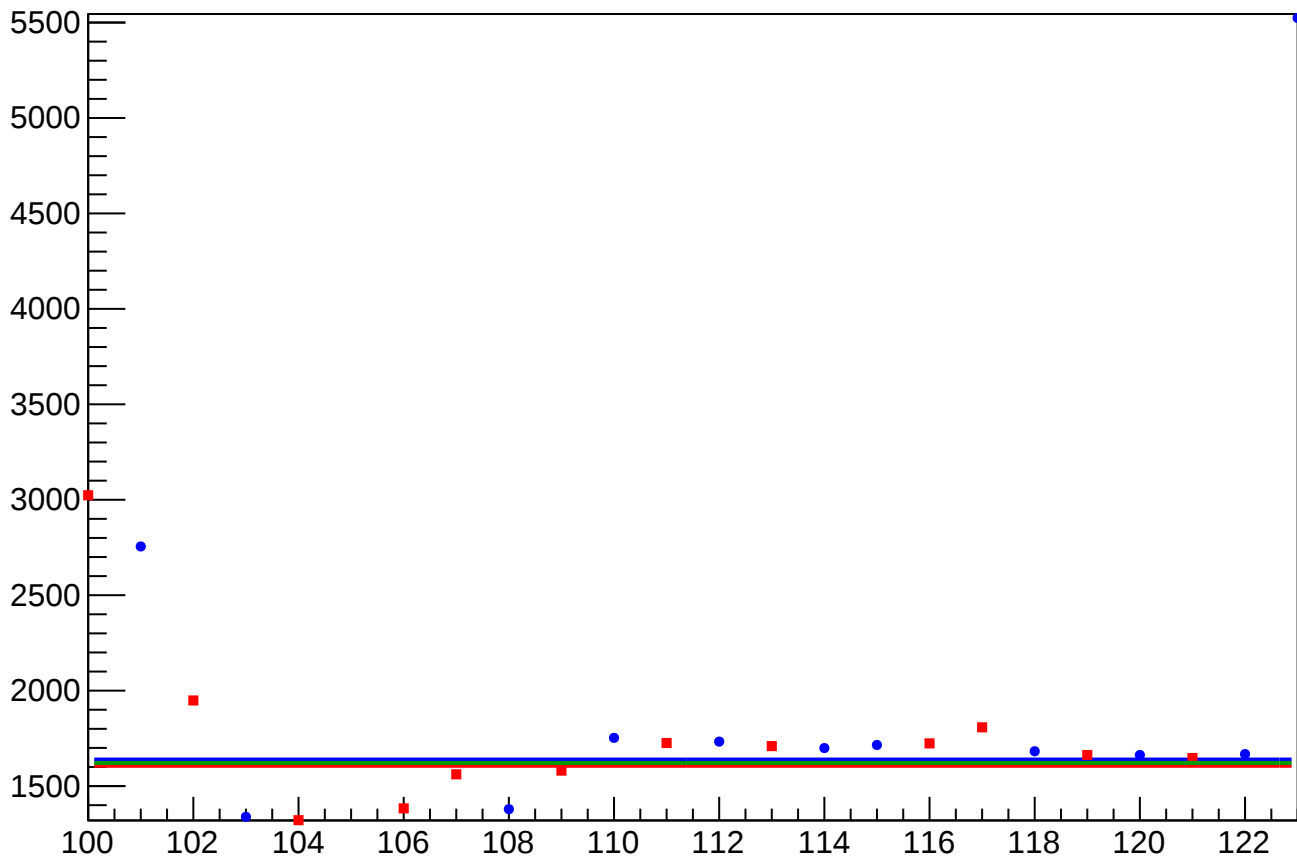
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2850.403+/-865.219 χ^2/NDF : 2.3/10

2267.979+/-586.008 χ^2/NDF : 6.5/22

1774.376+/-796.517 χ^2/NDF : 3.4/11

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1639.115+/-0.612 χ^2/NDF : 315053.5/10

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

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

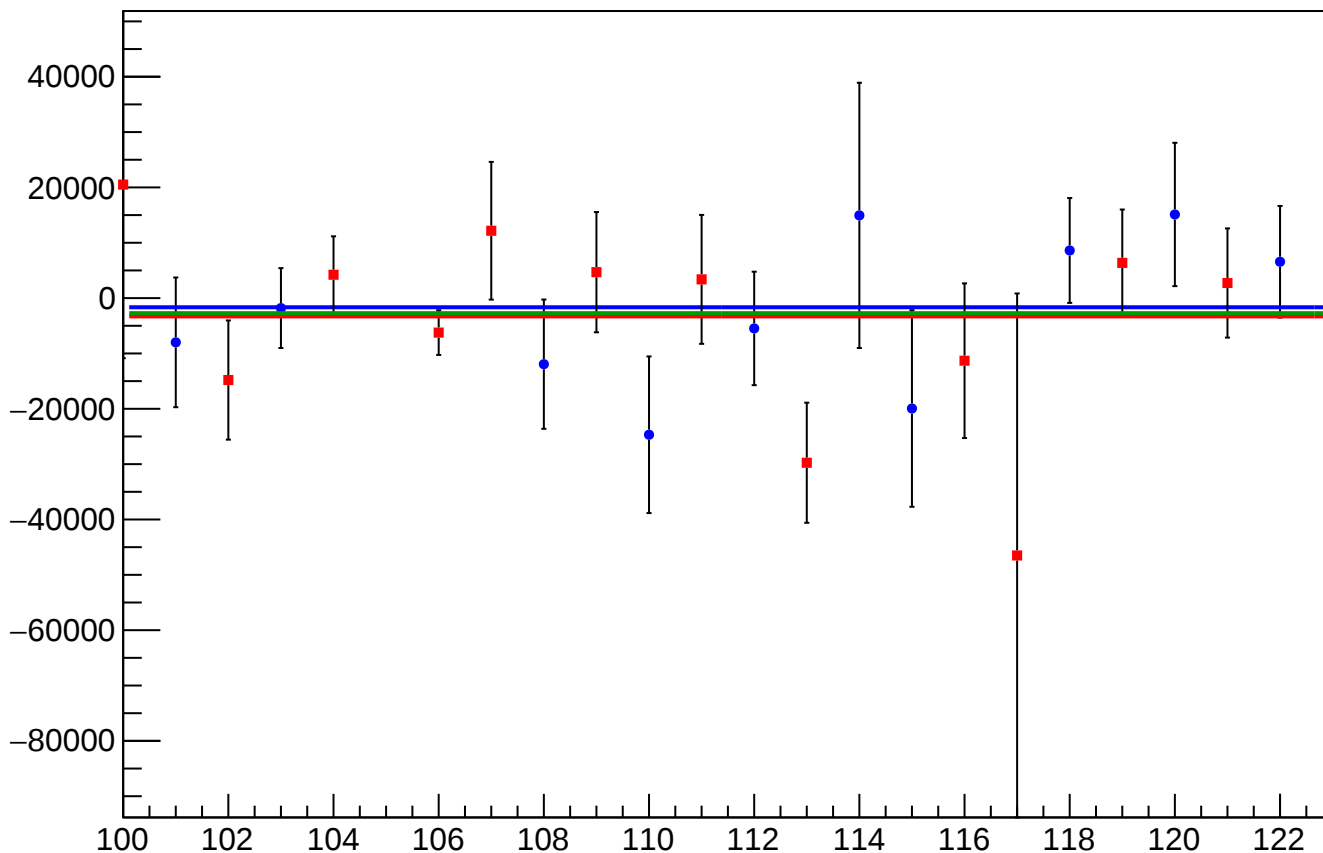
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1639.115+/-0.612 χ^2/NDF : 315053.5/10

1621.378+/-0.414 χ^2/NDF : 442683.9/22

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

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -1654.934+/-3490.919 χ^2 /NDF: 9.0/10

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

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

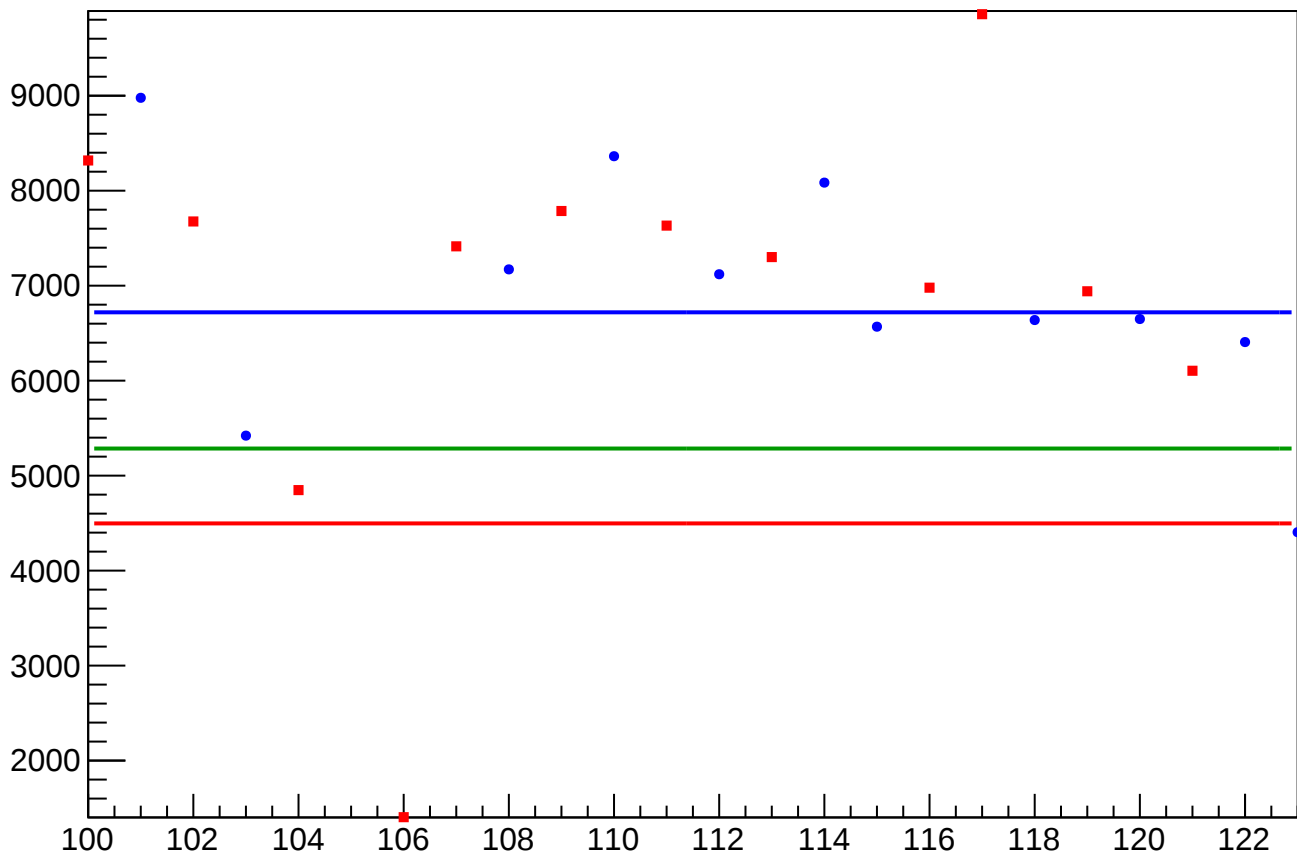
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1654.934+/-3490.919 χ^2 /NDF: 9.0/10

-2721.288+/-2079.213 χ^2 /NDF: 23.4/22

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

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 6719.445+/-2.468 χ^2/NDF : 200941.9/10

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

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

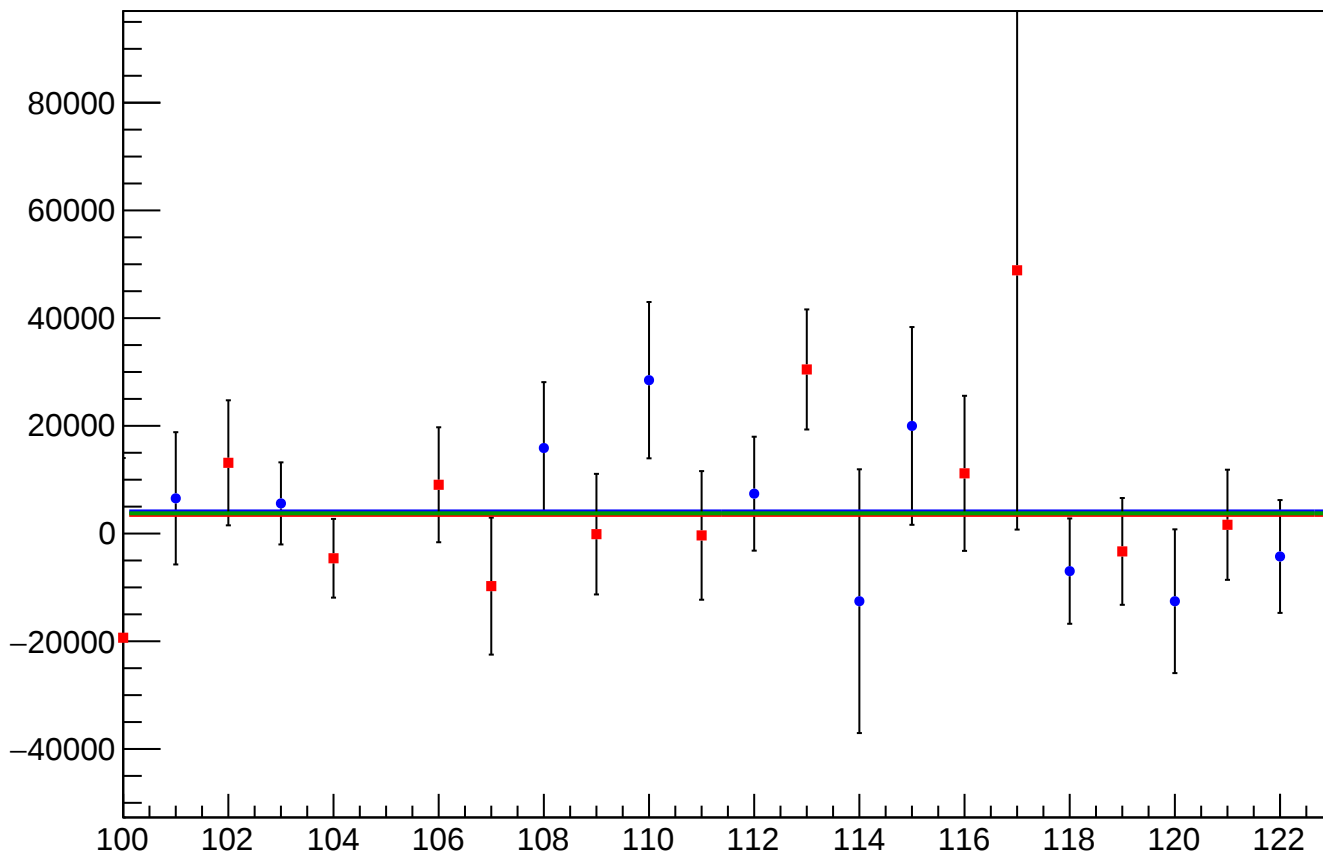
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6719.445+/-2.468 χ^2/NDF : 200941.9/10

5285.396+/-1.470 χ^2/NDF : 2951166.4/22

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

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 4104.346+/-3657.377 χ^2/NDF : 8.6/10

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

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

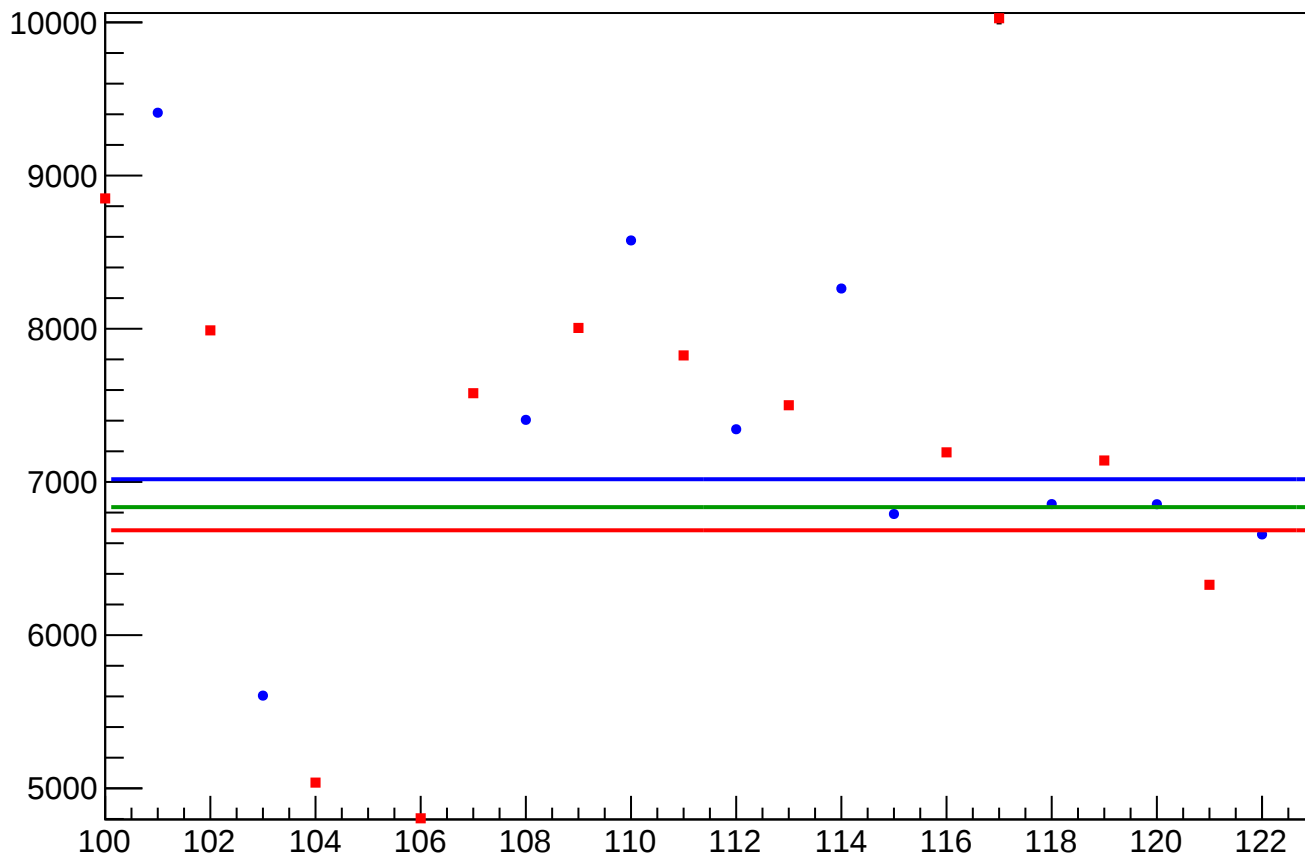
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4104.346+/-3657.377 χ^2/NDF : 8.6/10

3756.032+/-2463.456 χ^2/NDF : 20.1/22

3466.781+/-3332.894 χ^2/NDF : 11.5/11

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7017.717+/-2.586 χ^2/NDF : 180308.7/10

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

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

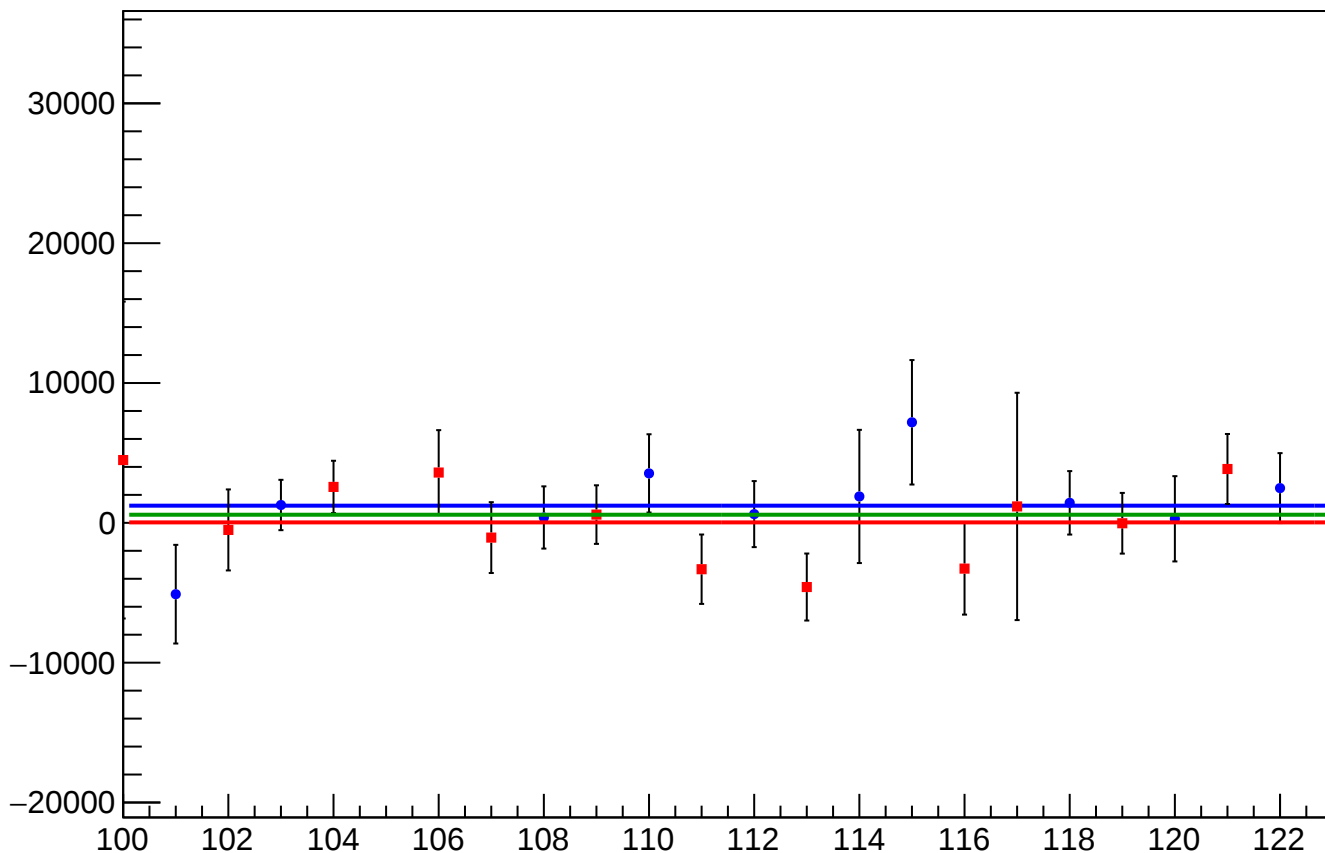
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7017.717+/-2.586 χ^2/NDF : 180308.7/10

6835.613+/-1.742 χ^2/NDF : 472463.1/22

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

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1228.137 ± 828.895 χ^2/NDF : 6.3/10

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

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

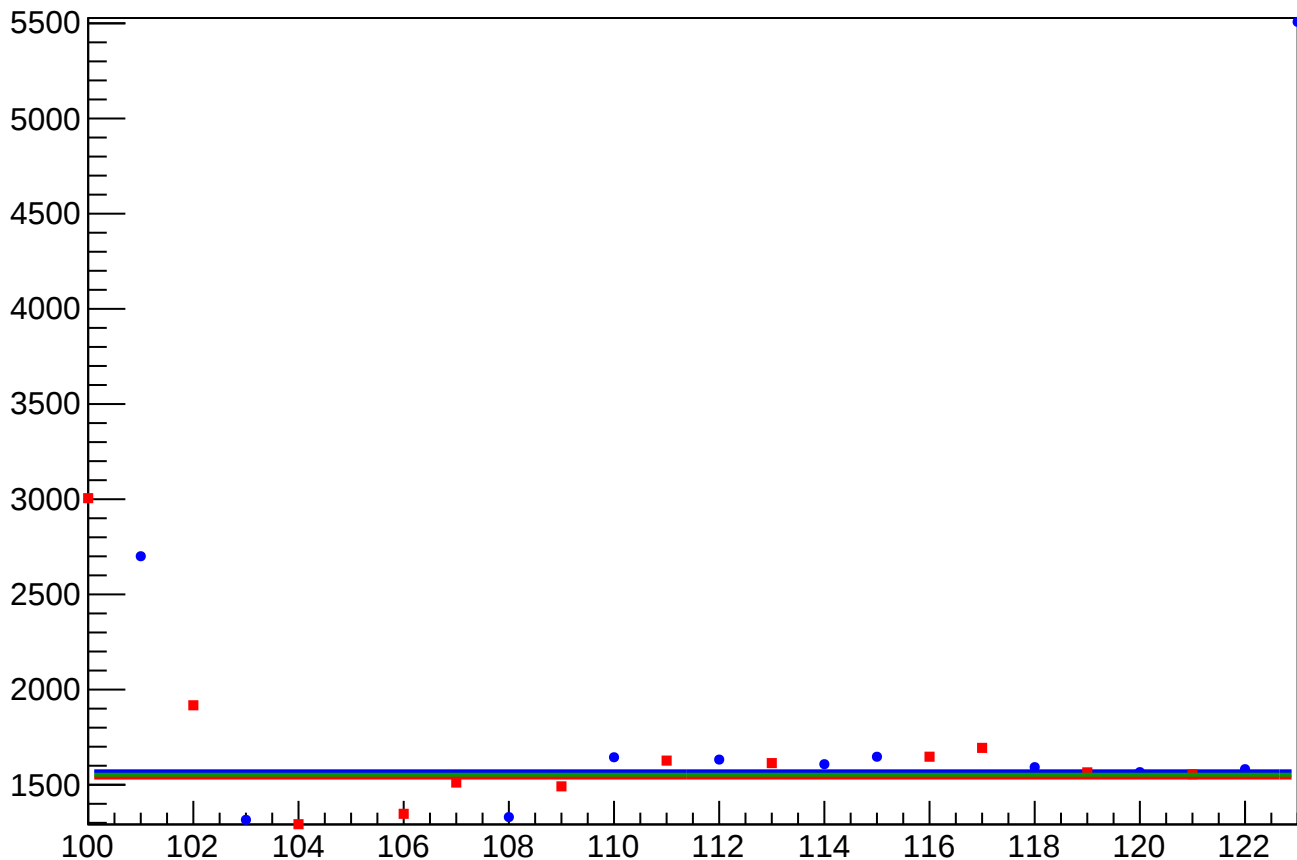
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1228.137 ± 828.895 χ^2/NDF : 6.3/10

580.094 ± 561.075 χ^2/NDF : 20.0/22

32.073 ± 762.248 χ^2/NDF : 12.6/11

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1570.658+/-0.586 χ^2/NDF : 309448.0/10

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

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

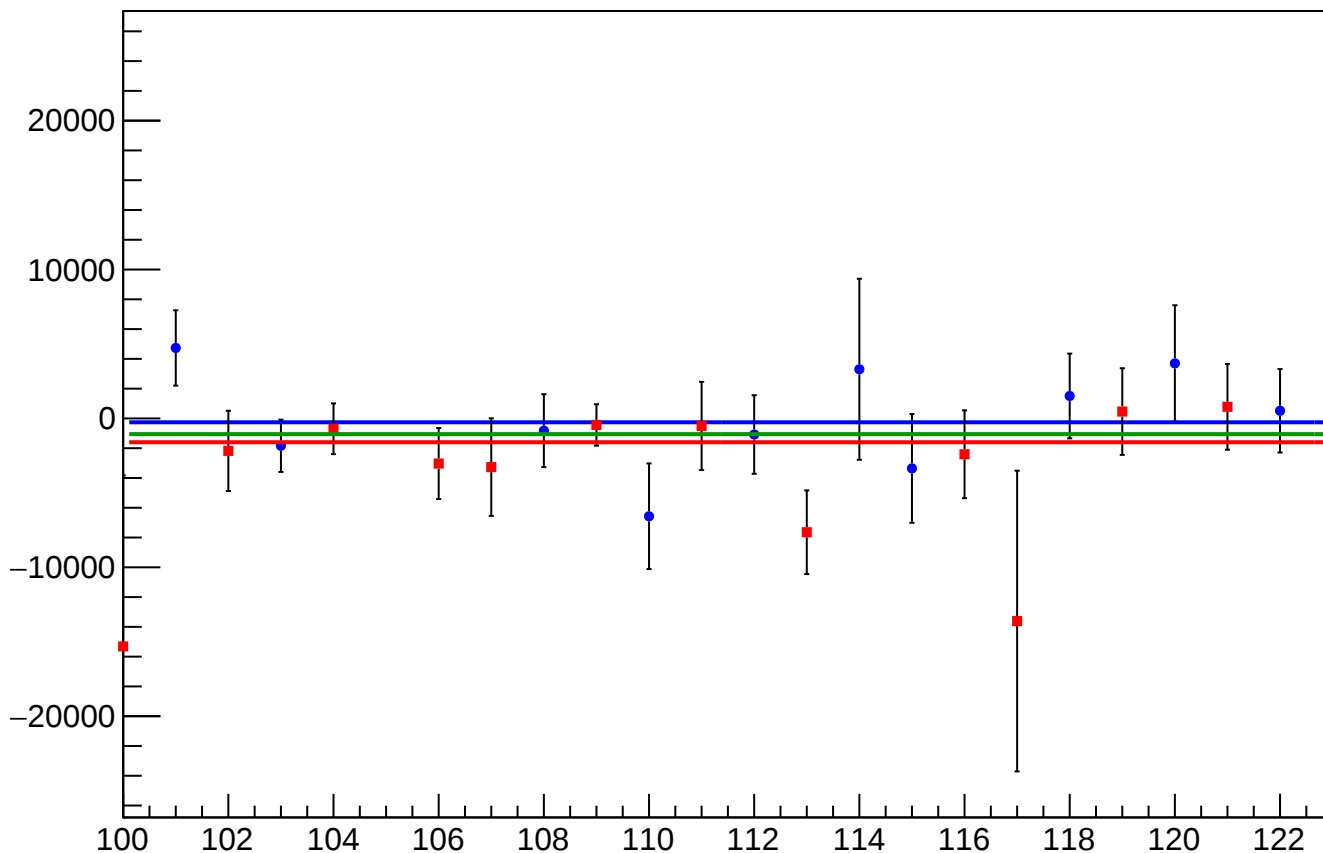
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1570.658+/-0.586 χ^2/NDF : 309448.0/10

1552.896+/-0.397 χ^2/NDF : 430413.9/22

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

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -259.388 +/- 880.129 χ^2/NDF : 10.6/10

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

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

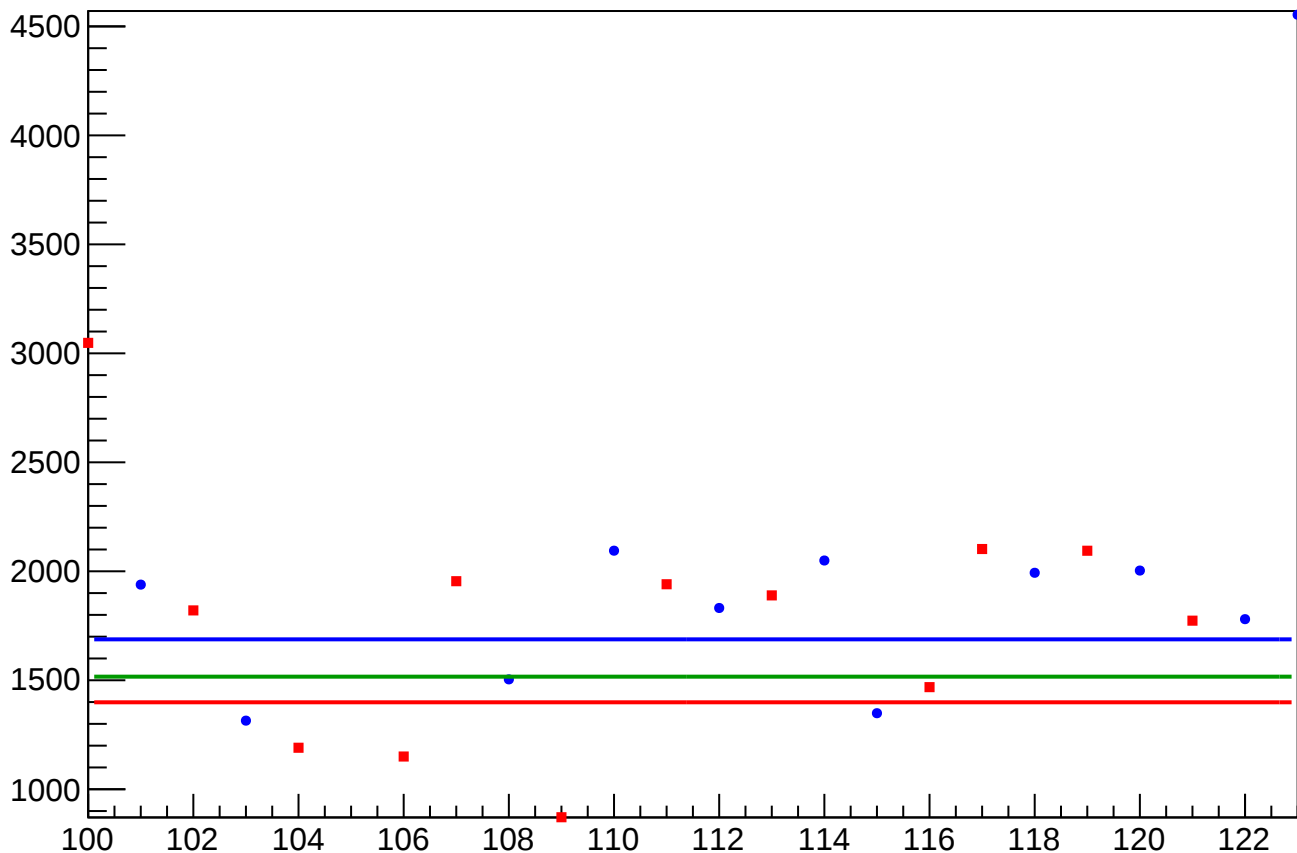
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

-259.388 +/- 880.129 χ^2/NDF : 10.6/10

-1053.388 +/- 561.650 χ^2/NDF : 22.5/22

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

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 1687.750+/-0.622 χ^2/NDF : 245003.5/10

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

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

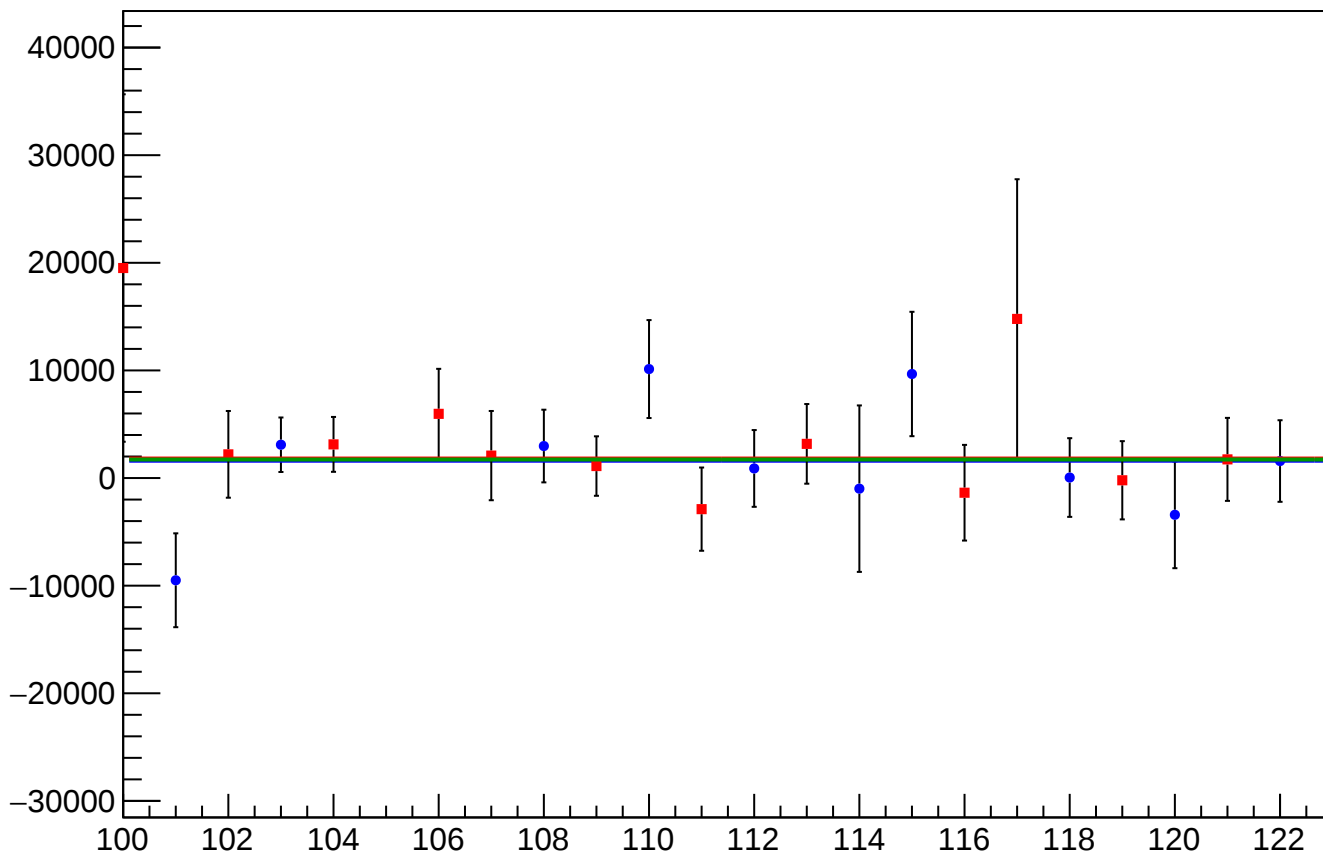
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1687.750+/-0.622 χ^2/NDF : 245003.5/10

1516.545+/-0.397 χ^2/NDF : 1146256.4/22

1398.928+/-0.516 χ^2/NDF : 773584.1/11

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1609.955+/-1234.977 χ^2/NDF : 13.8/10

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

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

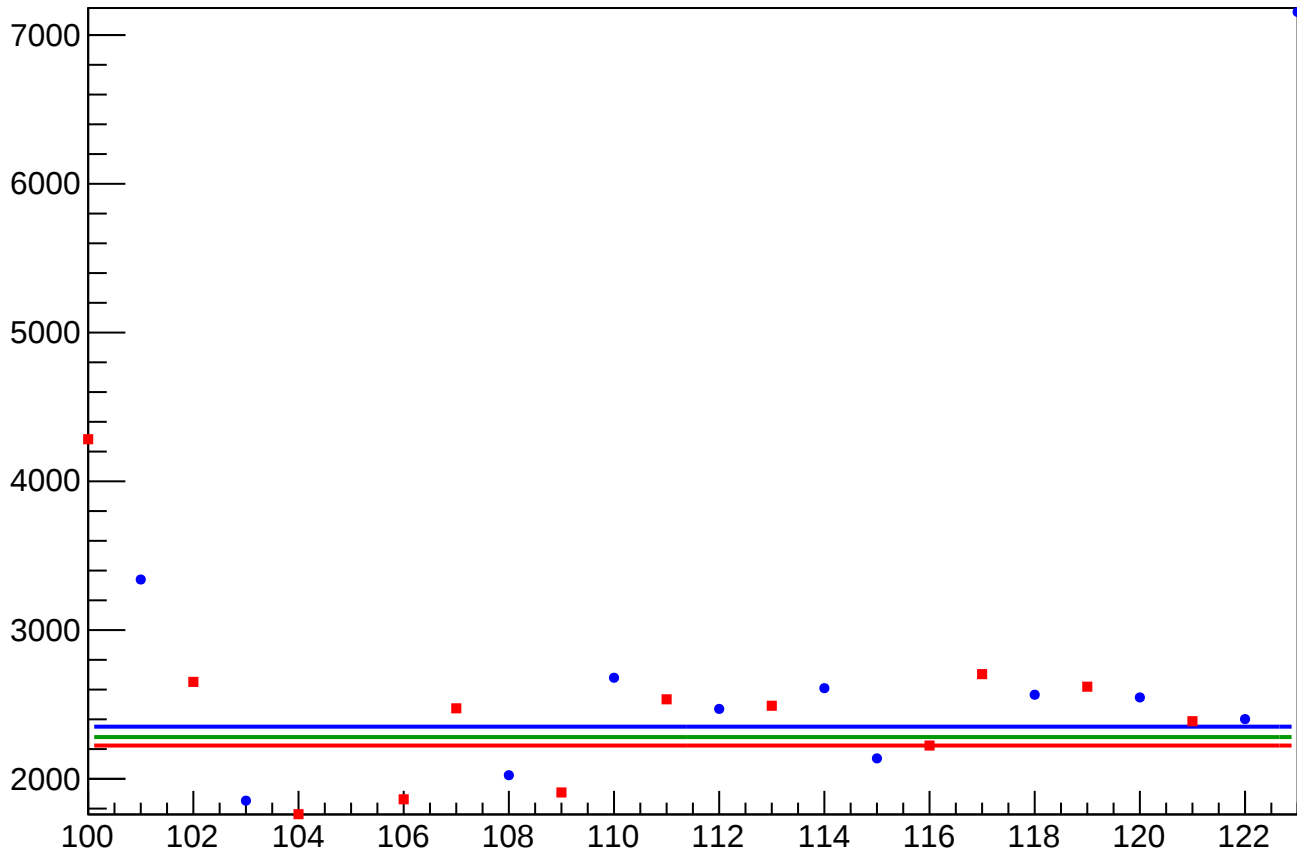
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1609.955+/-1234.977 χ^2/NDF : 13.8/10

1721.181+/-827.460 χ^2/NDF : 19.8/22

1811.791+/-1114.661 χ^2/NDF : 6.0/11

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2350.722+/-0.873 χ^2/NDF : 259772.4/10

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

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

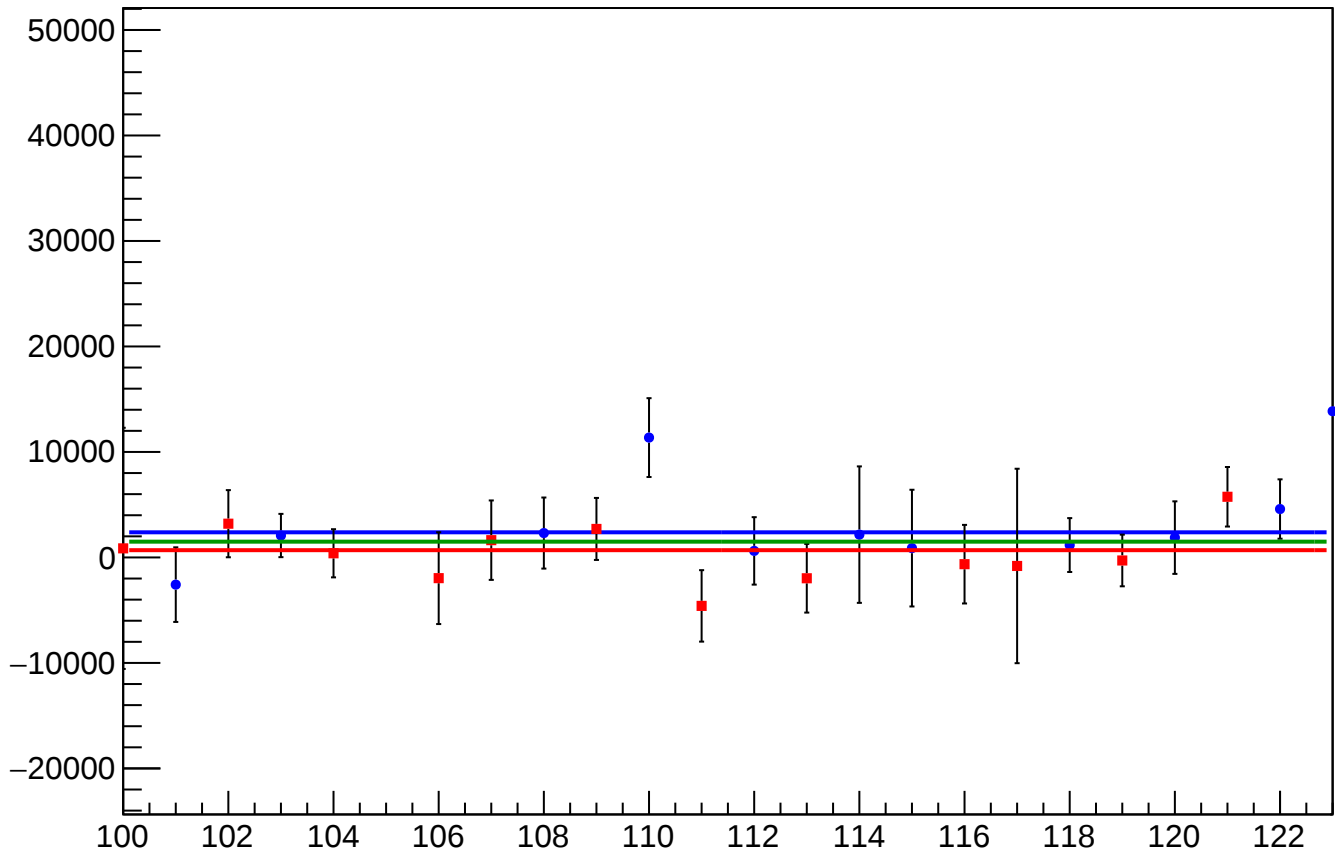
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2350.722+/-0.873 χ^2/NDF : 259772.4/10

2280.762+/-0.585 χ^2/NDF : 493675.3/22

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

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2382.338+/-1001.620 χ^2/NDF : 9.1/10

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

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

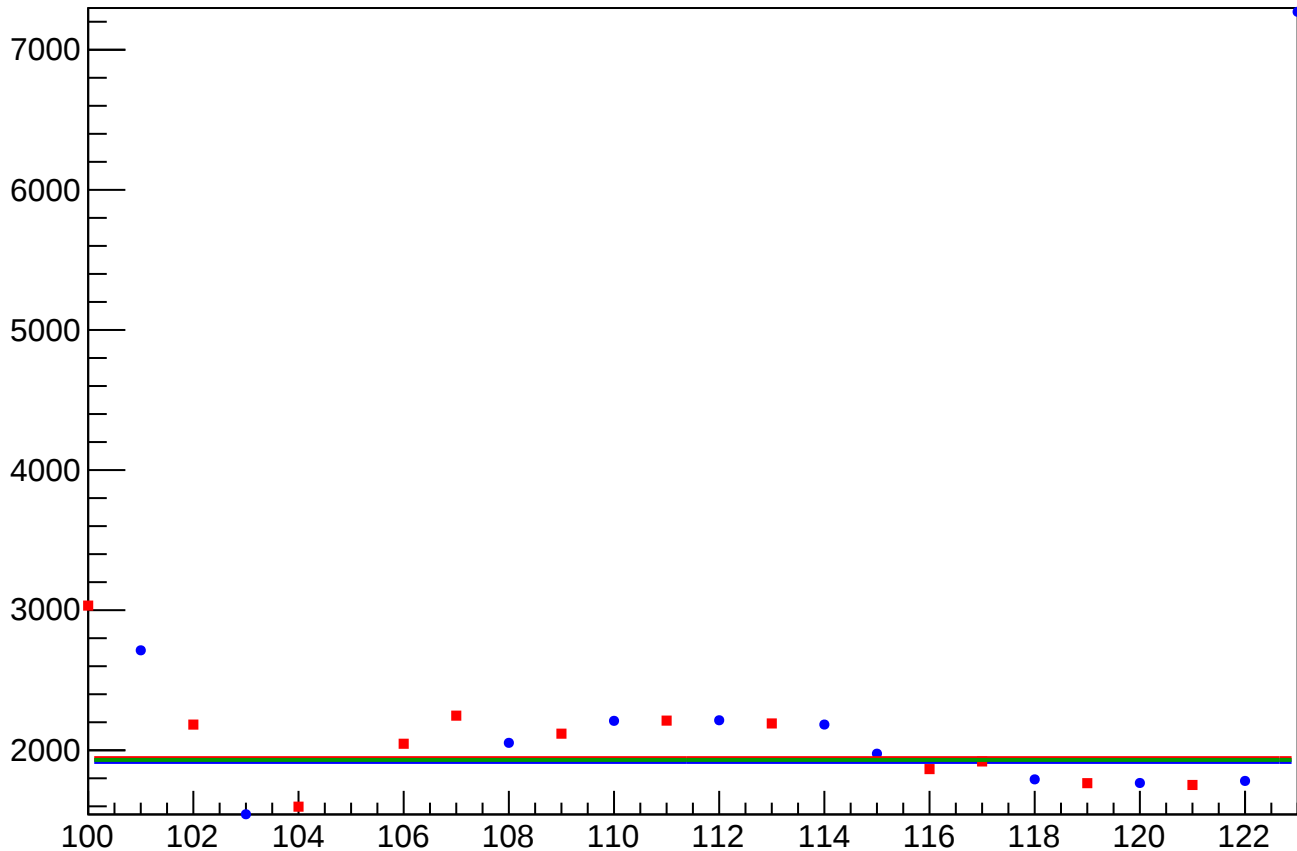
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2382.338+/-1001.620 χ^2/NDF : 9.1/10

1495.578+/-691.397 χ^2/NDF : 18.8/22

688.481+/-955.571 χ^2/NDF : 8.2/11

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1916.967 $\pm$ 0.708 χ^2/NDF : 256787.2/10

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

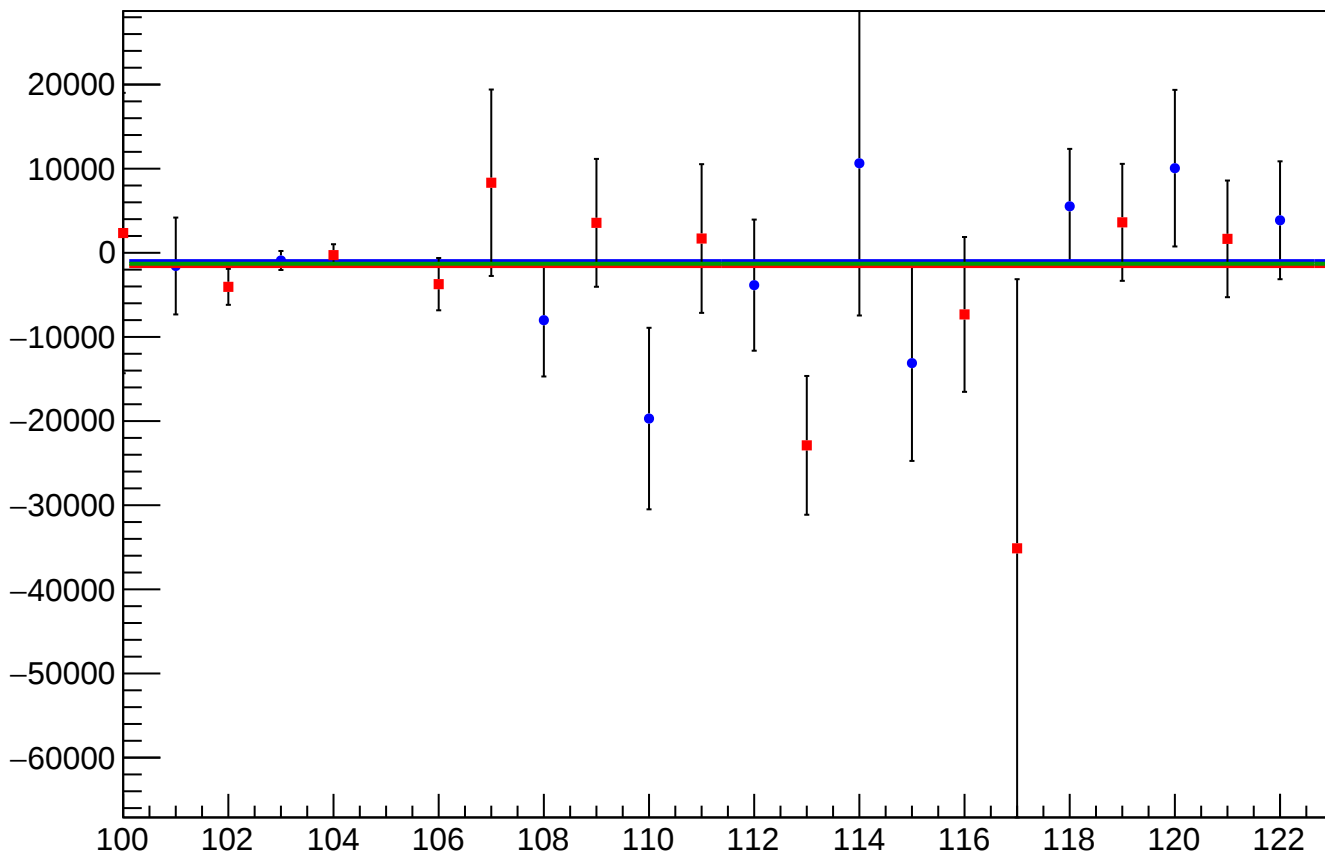
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1916.967 $\pm$ 0.708 χ^2/NDF : 256787.2/10

1931.151 $\pm$ 0.488 χ^2/NDF : 399154.7/22

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

asym_atl1r2_avg_correction_mean vs Slug, Sign Corrected



Right In: -988.157+/-1038.081 χ^2/NDF : 8.6/10

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

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

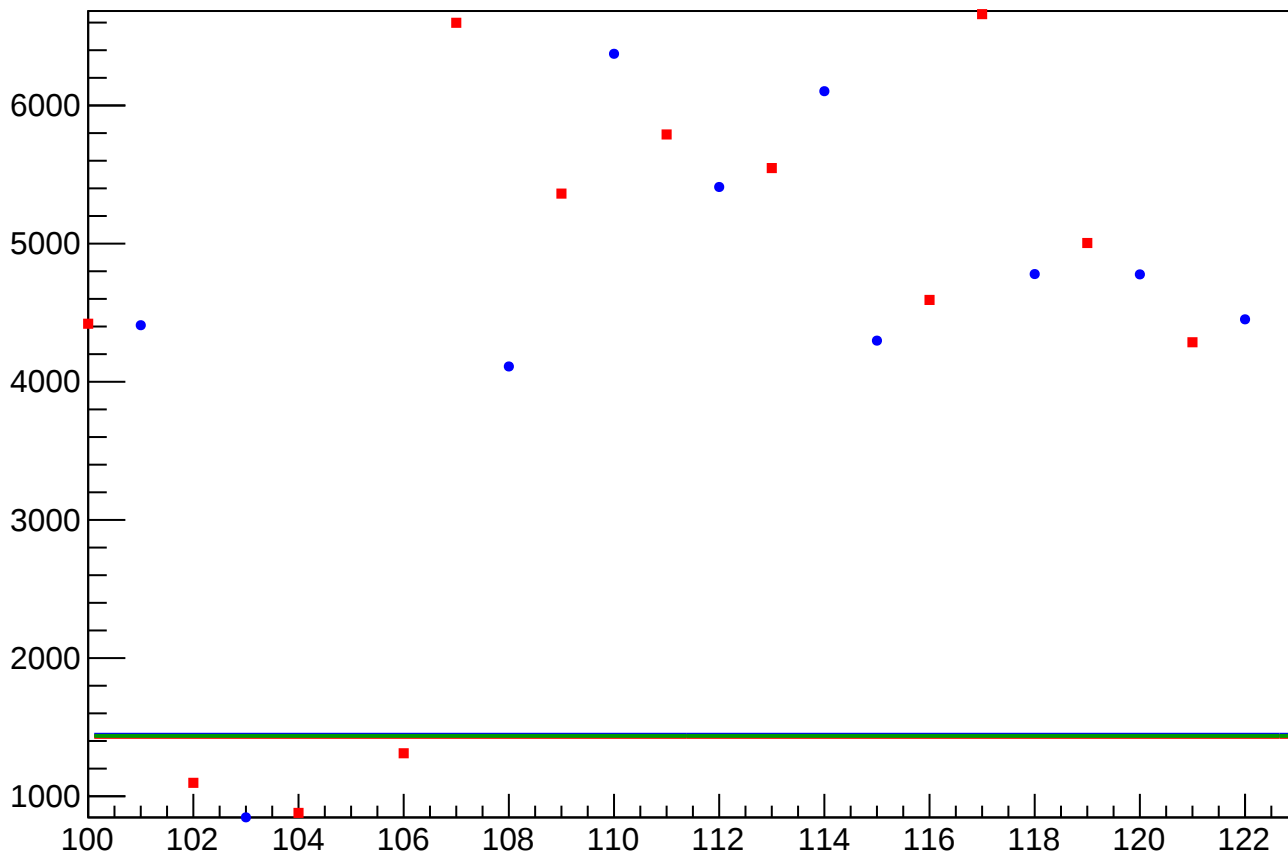
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-988.157+/-1038.081 χ^2/NDF : 8.6/10

-1297.633+/-714.866 χ^2/NDF : 22.0/22

-1576.769+/-985.884 χ^2/NDF : 13.2/11

asym_atl1r2_avg_correction_rms vs Slug, Sign Corrected



Right In: 1444.872+/-0.734 χ^2/NDF : 3732524.1/10

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

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

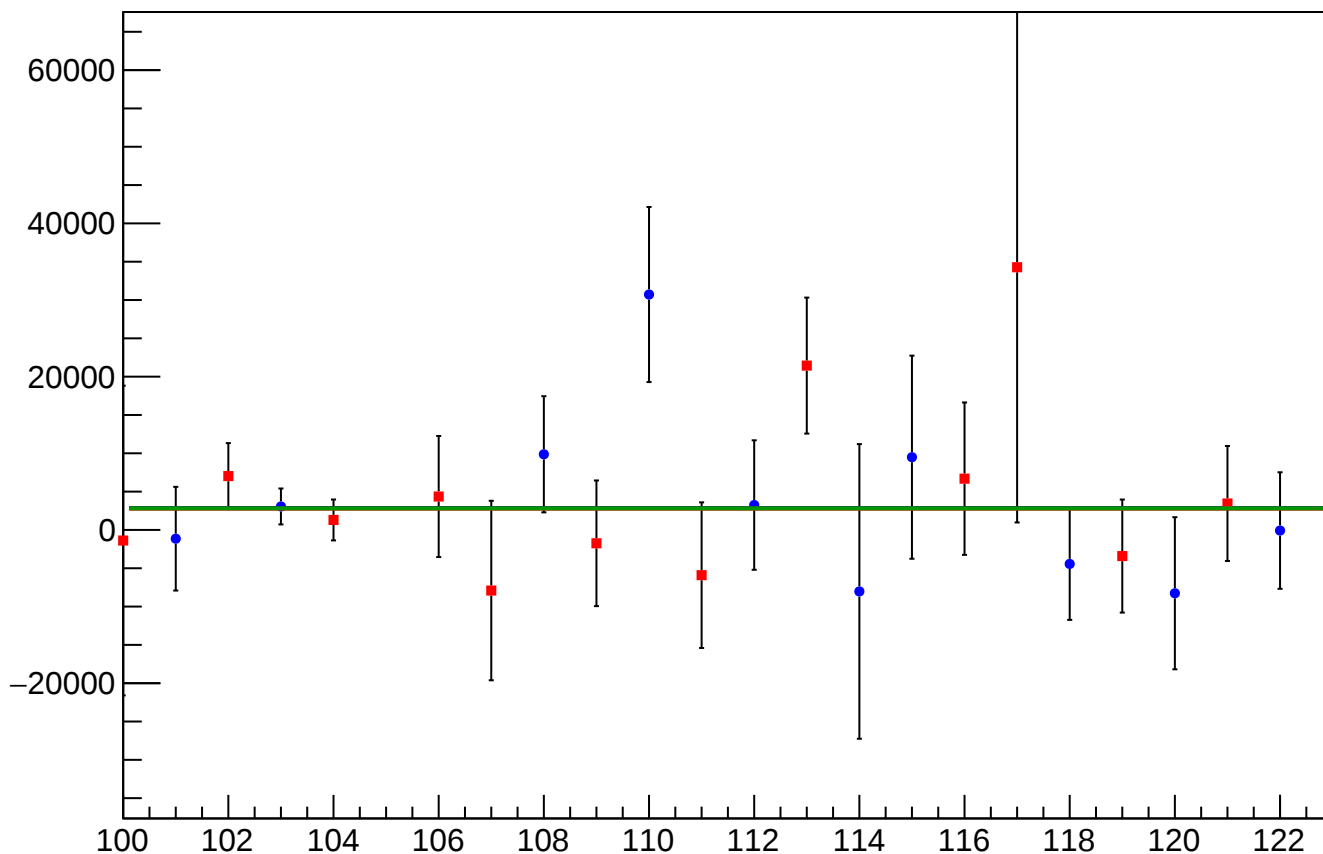
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1444.872+/-0.734 χ^2/NDF : 3732524.1/10

1437.042+/-0.505 χ^2/NDF : 7323546.3/22

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

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2860.857+/-1832.168 χ^2/NDF : 10.1/10

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

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

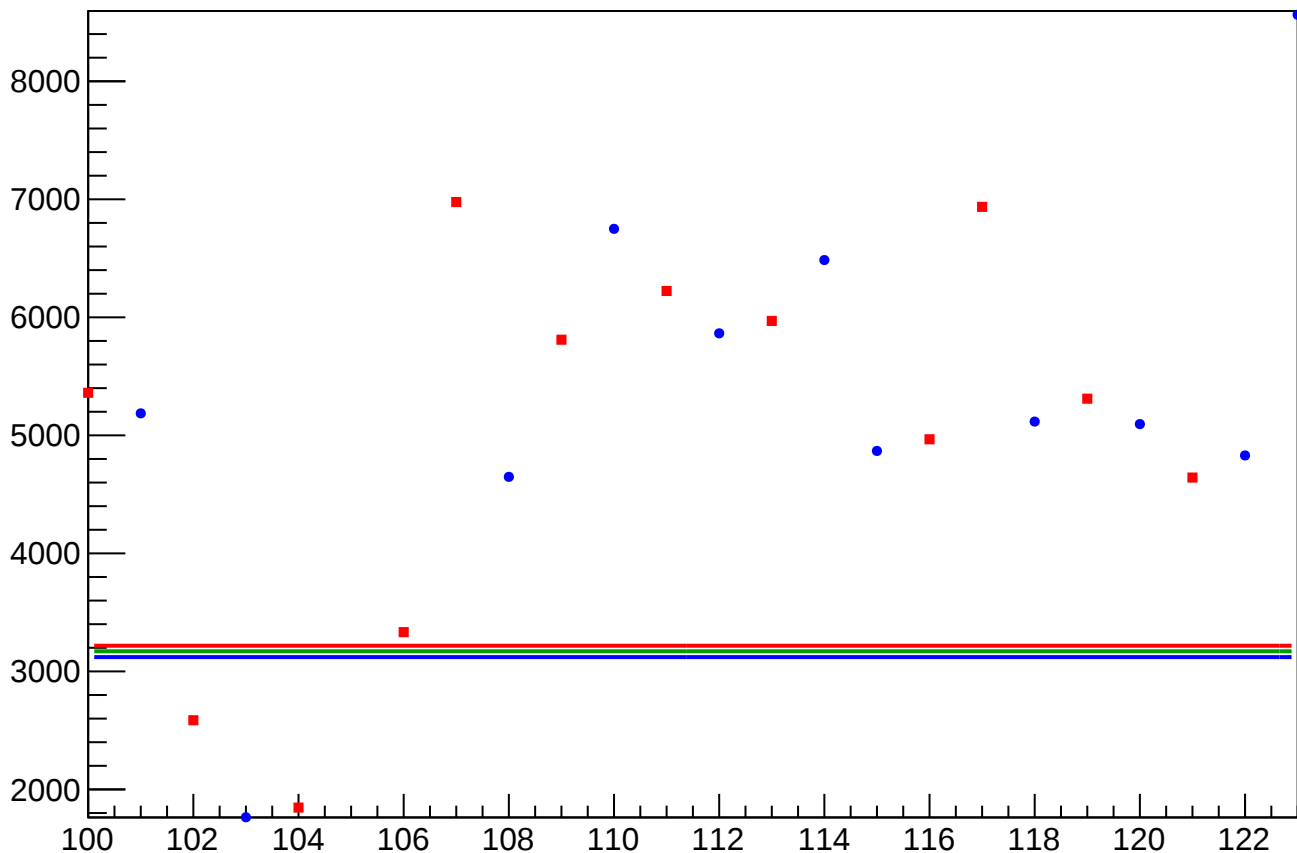
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2860.857+/-1832.168 χ^2/NDF : 10.1/10

2816.992+/-1286.718 χ^2/NDF : 19.7/22

2774.302+/-1807.472 χ^2/NDF : 9.5/11

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 3121.002+/-1.296 χ^2/NDF : 1805074.3/10

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

Right Out: 3217.536+/-1.267 χ^2/NDF : 1713463.4/11

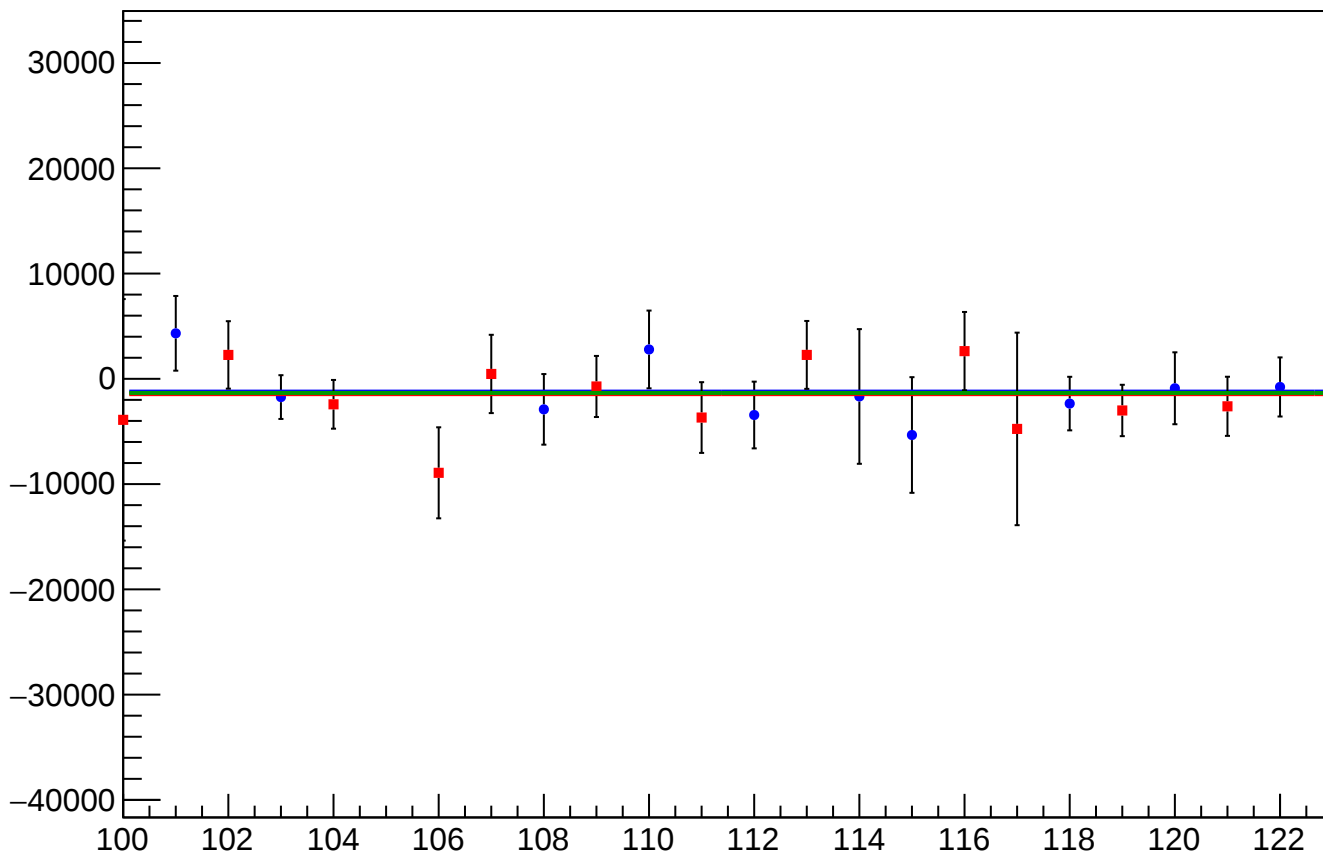
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3121.002+/-1.296 χ^2/NDF : 1805074.3/10

3170.330+/-0.906 χ^2/NDF : 3521374.8/22

3217.536+/-1.267 χ^2/NDF : 1713463.4/11

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1214.752+/-1000.995 χ^2 /NDF: 5.2/10

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

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

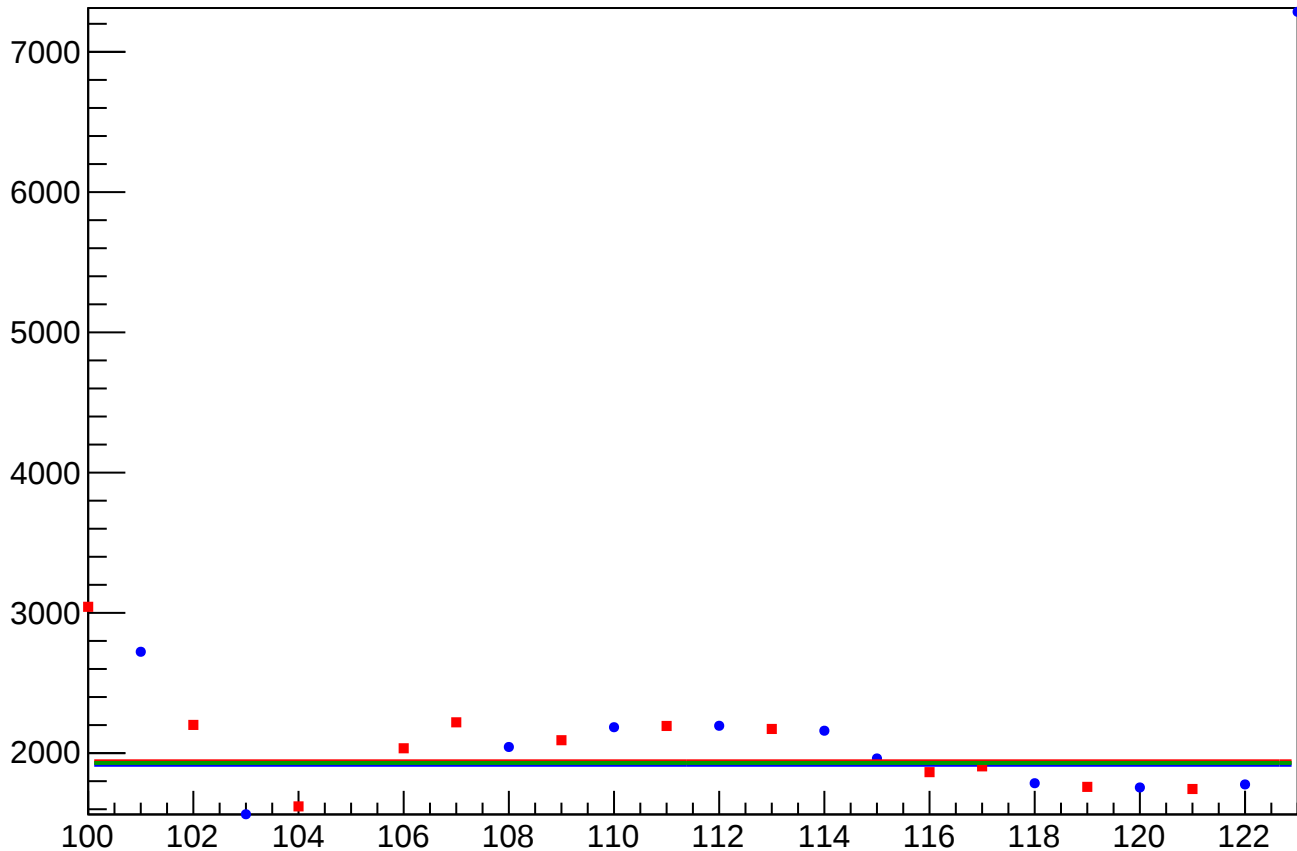
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1214.752+/-1000.995 χ^2 /NDF: 5.2/10

-1341.471+/-690.441 χ^2 /NDF: 13.8/22

-1456.471+/-953.592 χ^2 /NDF: 8.6/11

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1917.053+/-0.708 χ^2/NDF : 246620.9/10

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

Right Out: 1941.653+/-0.673 χ^2/NDF : 131109.9/11

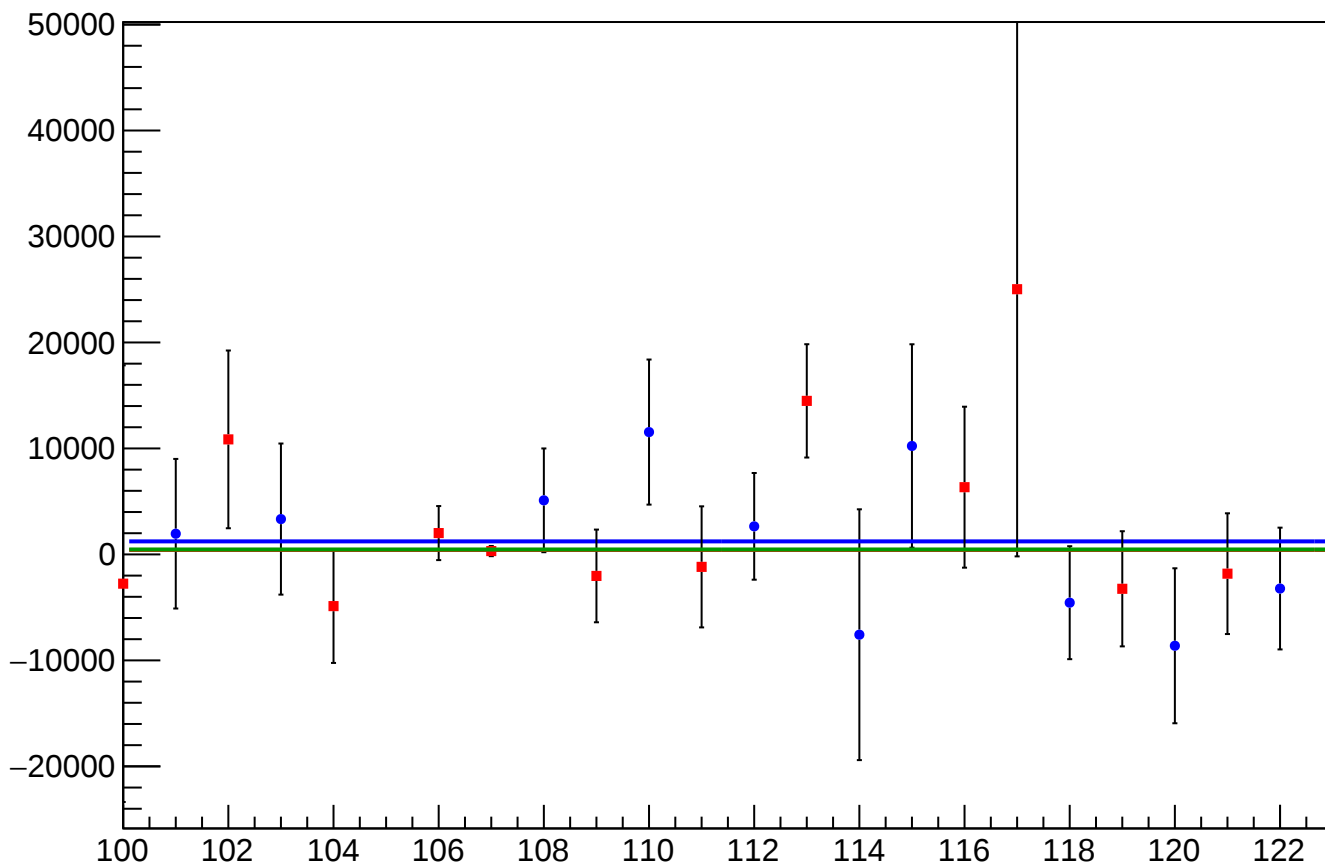
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1917.053+/-0.708 χ^2/NDF : 246620.9/10

1929.982+/-0.488 χ^2/NDF : 378365.6/22

1941.653+/-0.673 χ^2/NDF : 131109.9/11

asym_atl1r2_dd_correction_mean vs Slug, Sign Corrected



Right In: 1229.399 $\pm$ 2015.188 χ^2 /NDF: 8.1/10

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

Right Out: 422.897 $\pm$ 460.543 χ^2 /NDF: 12.5/11

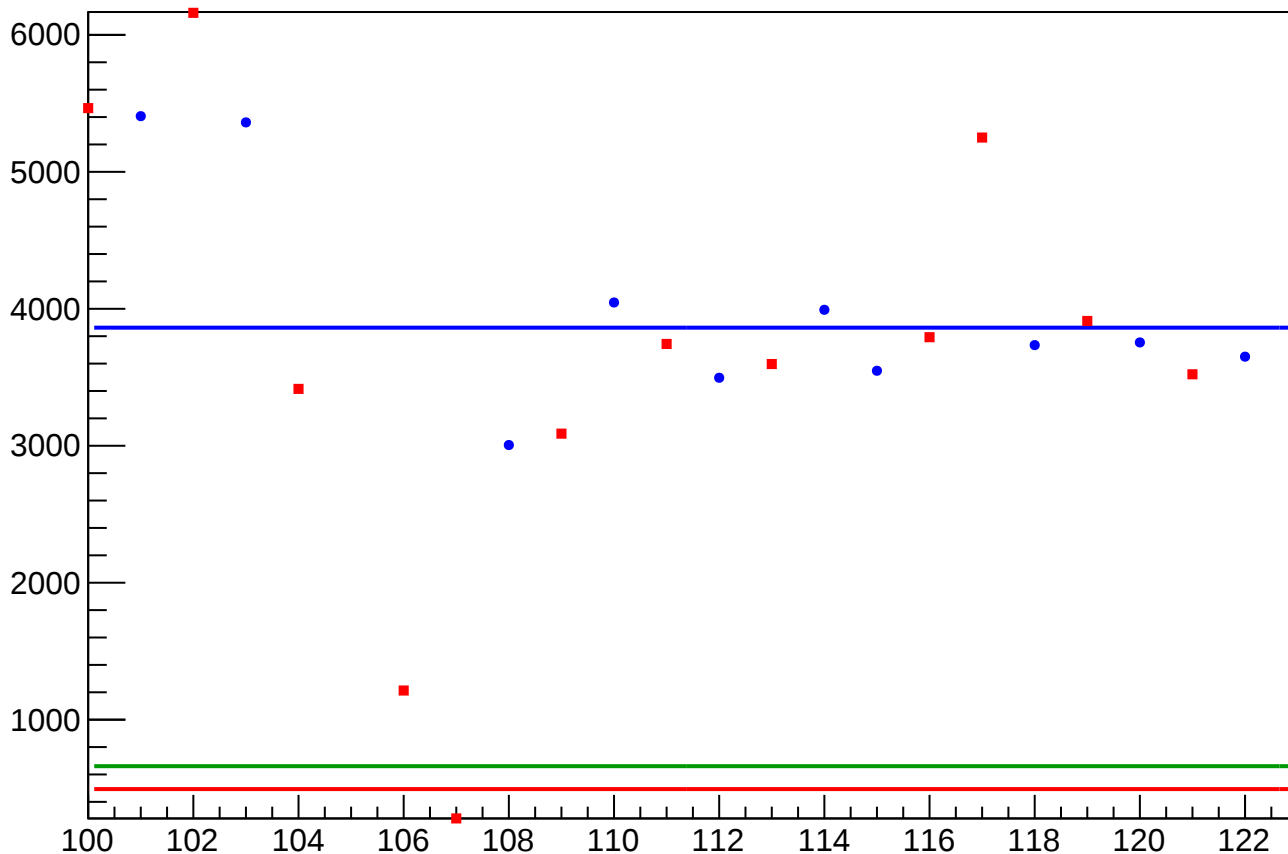
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1229.399 $\pm$ 2015.188 χ^2 /NDF: 8.1/10

462.929 $\pm$ 448.968 χ^2 /NDF: 20.7/22

422.897 $\pm$ 460.543 χ^2 /NDF: 12.5/11

asym_atl1r2_dd_correction_rms vs Slug, Sign Corrected



Right In: 3862.371+/-1.425 χ^2/NDF : 265725.6/10

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

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

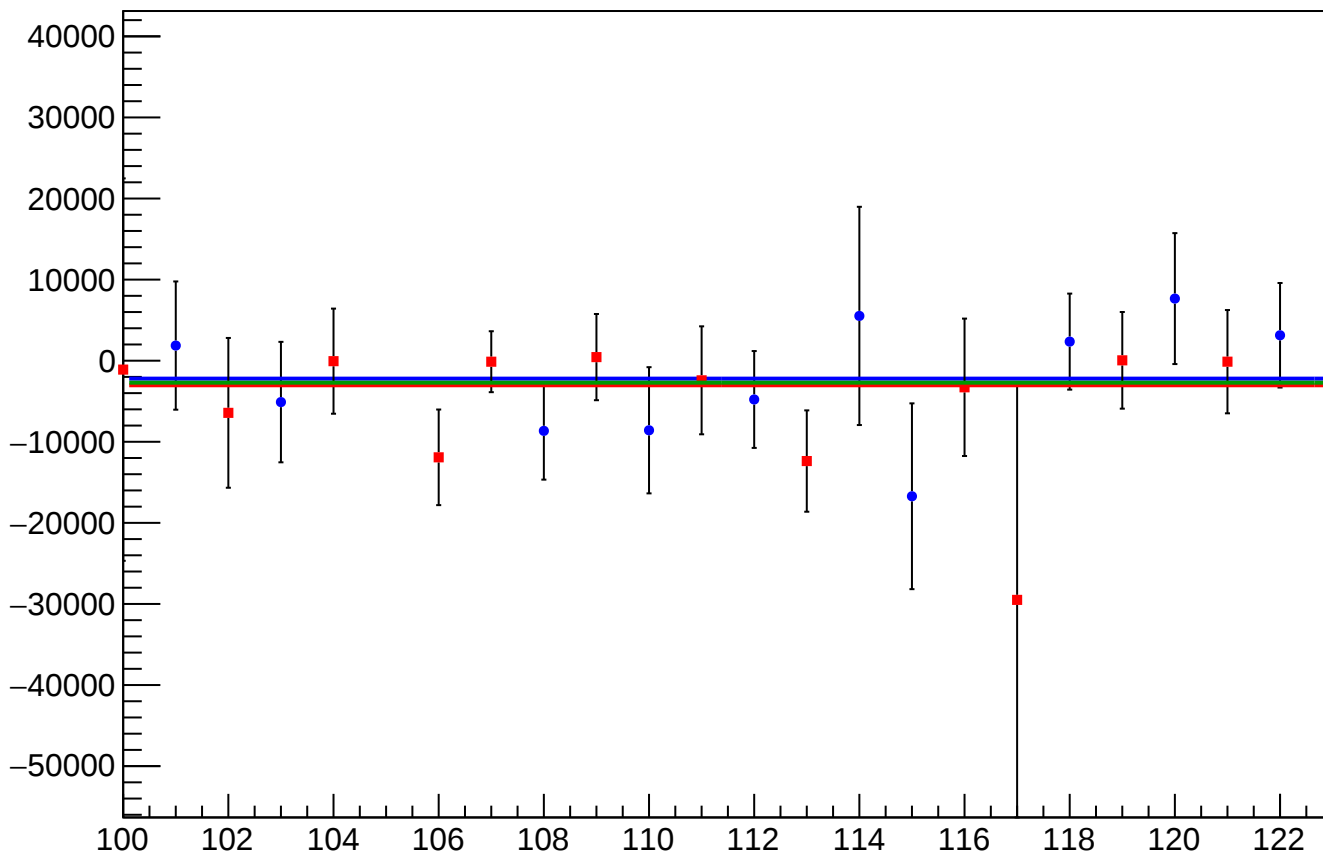
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3862.371+/-1.425 χ^2/NDF : 265725.6/10

660.456+/-0.317 χ^2/NDF : 11587623.4/22

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

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -2212.187+/-2307.172 χ^2 /NDF: 7.1/10

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

Right Out: -3030.796+/-1861.543 χ^2 /NDF: 7.3/11

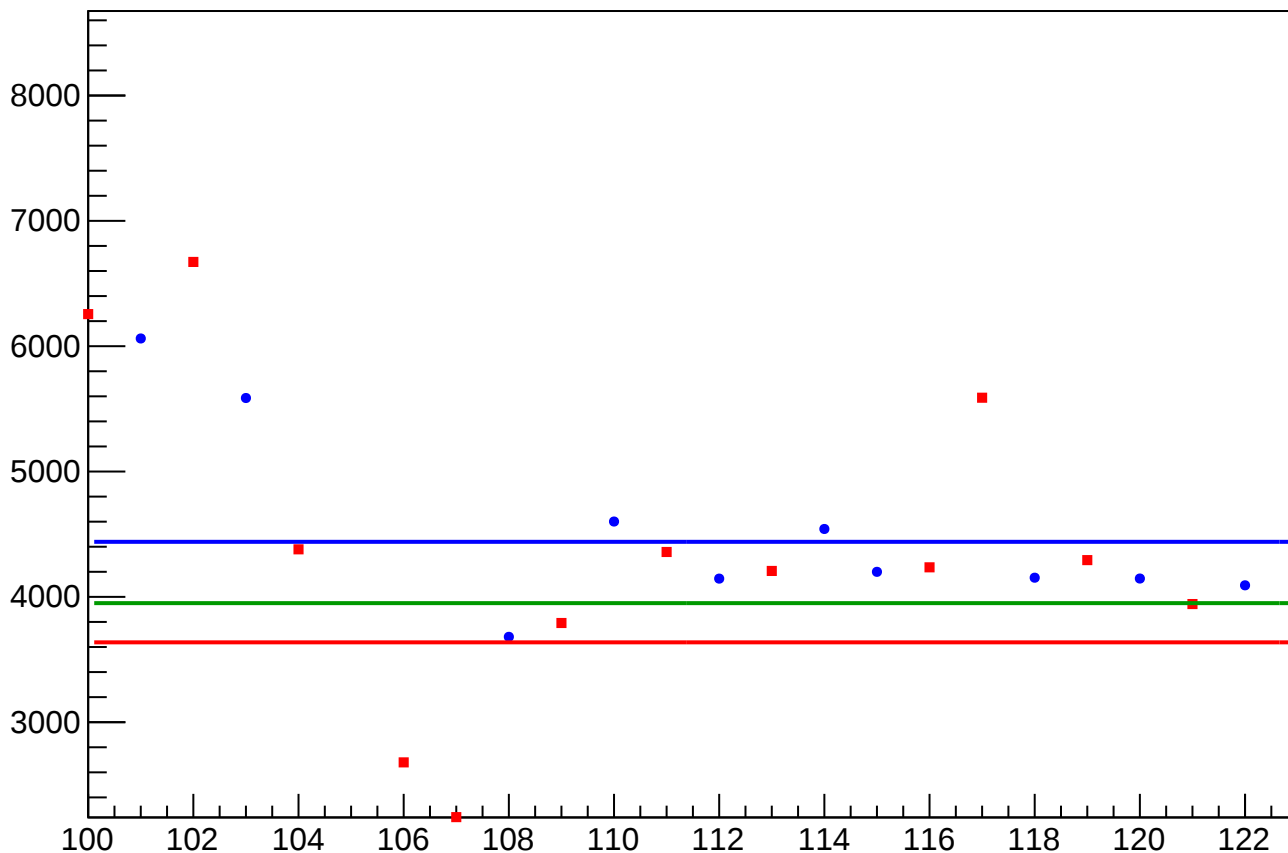
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2212.187+/-2307.172 χ^2 /NDF: 7.1/10

-2708.011+/-1448.767 χ^2 /NDF: 14.6/22

-3030.796+/-1861.543 χ^2 /NDF: 7.3/11

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 4439.197+/-1.631 χ^2/NDF : 200656.9/10

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

Right Out: 3637.177+/-1.305 χ^2/NDF : 695721.1/11

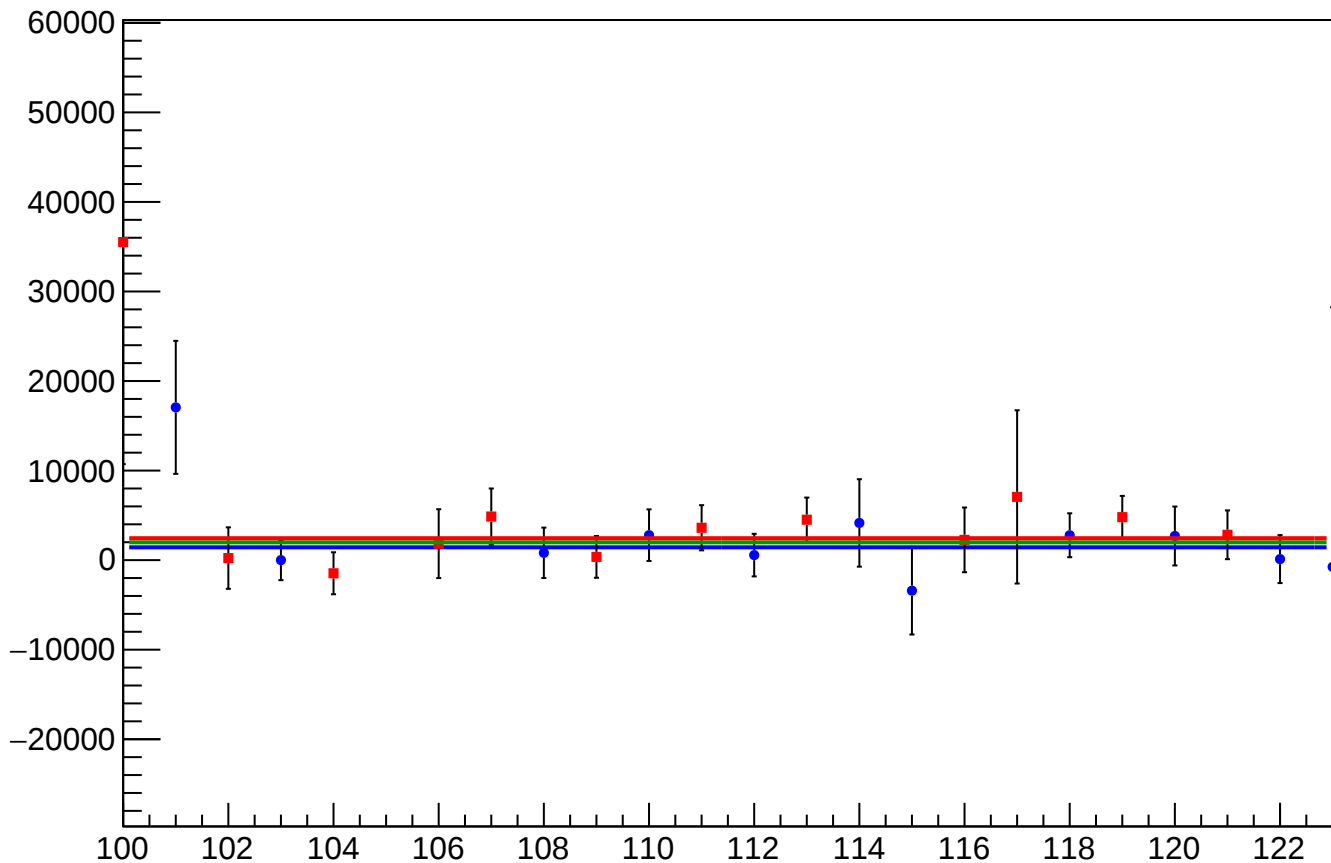
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4439.197+/-1.631 χ^2/NDF : 200656.9/10

3950.006+/-1.019 χ^2/NDF : 1043790.3/22

3637.177+/-1.305 χ^2/NDF : 695721.1/11

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1430.735+/-943.508 χ^2/NDF : 7.2/10

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

Right Out: 2449.242+/-862.946 χ^2/NDF : 8.6/11

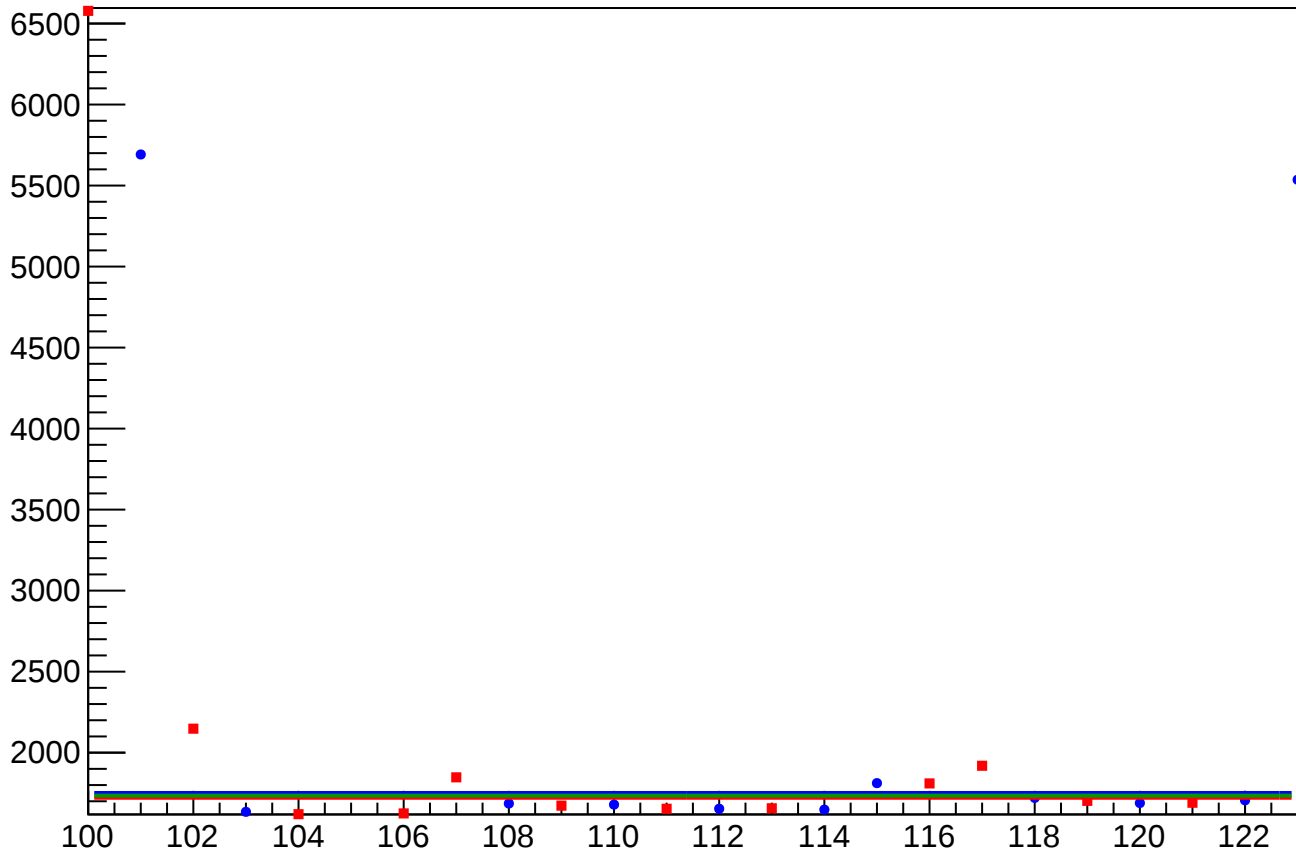
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1430.735+/-943.508 χ^2/NDF : 7.2/10

1985.320+/-636.775 χ^2/NDF : 16.4/22

2449.242+/-862.946 χ^2/NDF : 8.6/11

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1751.052+/-0.667 χ^2/NDF : 610870.0/10

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

Right Out: 1721.758+/-0.604 χ^2/NDF : 122497.1/11

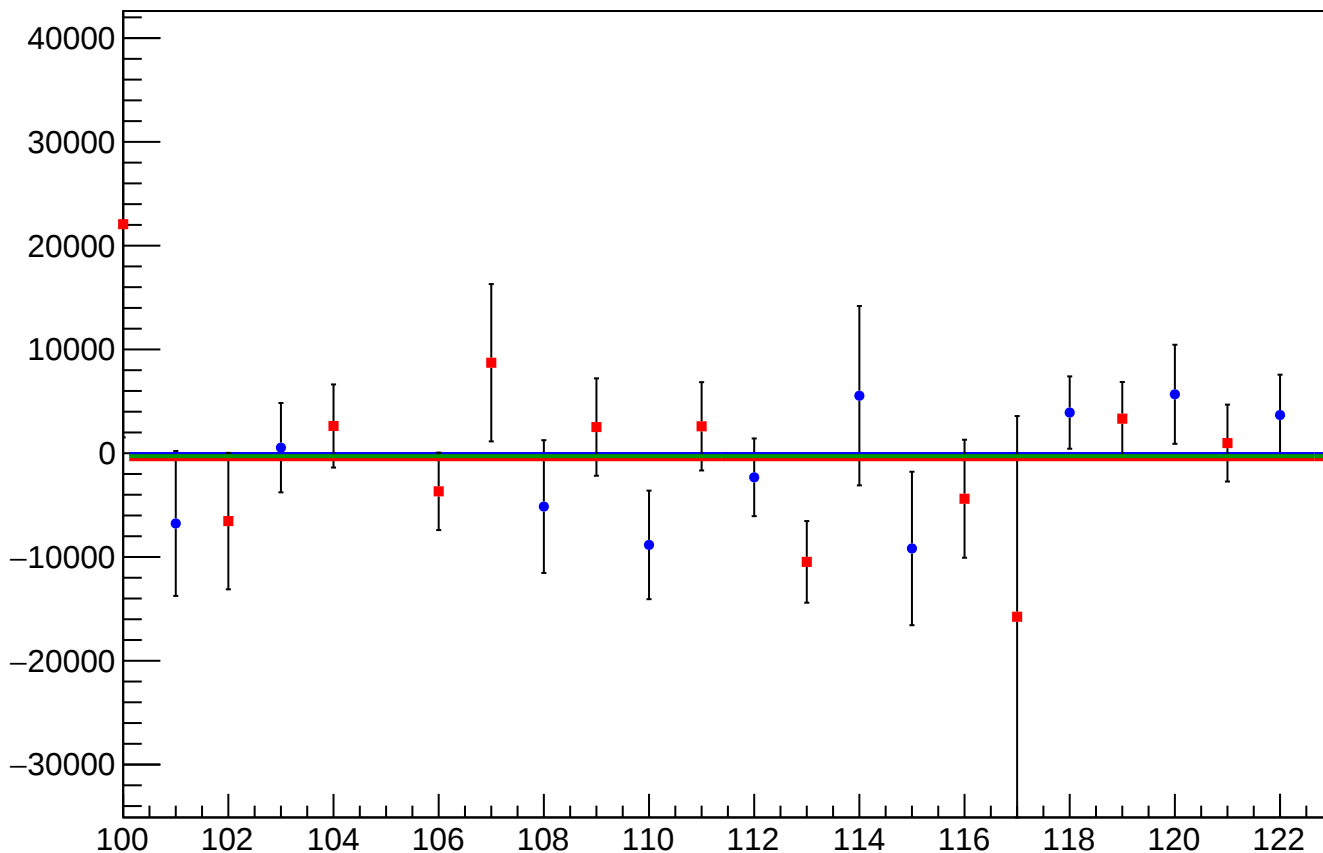
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1751.052+/-0.667 χ^2/NDF : 610870.0/10

1734.943+/-0.448 χ^2/NDF : 734427.3/22

1721.758+/-0.604 χ^2/NDF : 122497.1/11

asym_atr1l2_avg_correction_mean vs Slug, Sign Corrected



Right In: -74.530+/-1156.969 χ^2/NDF : 10.4/10

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

Right Out: -579.433+/-1375.168 χ^2/NDF : 14.6/11

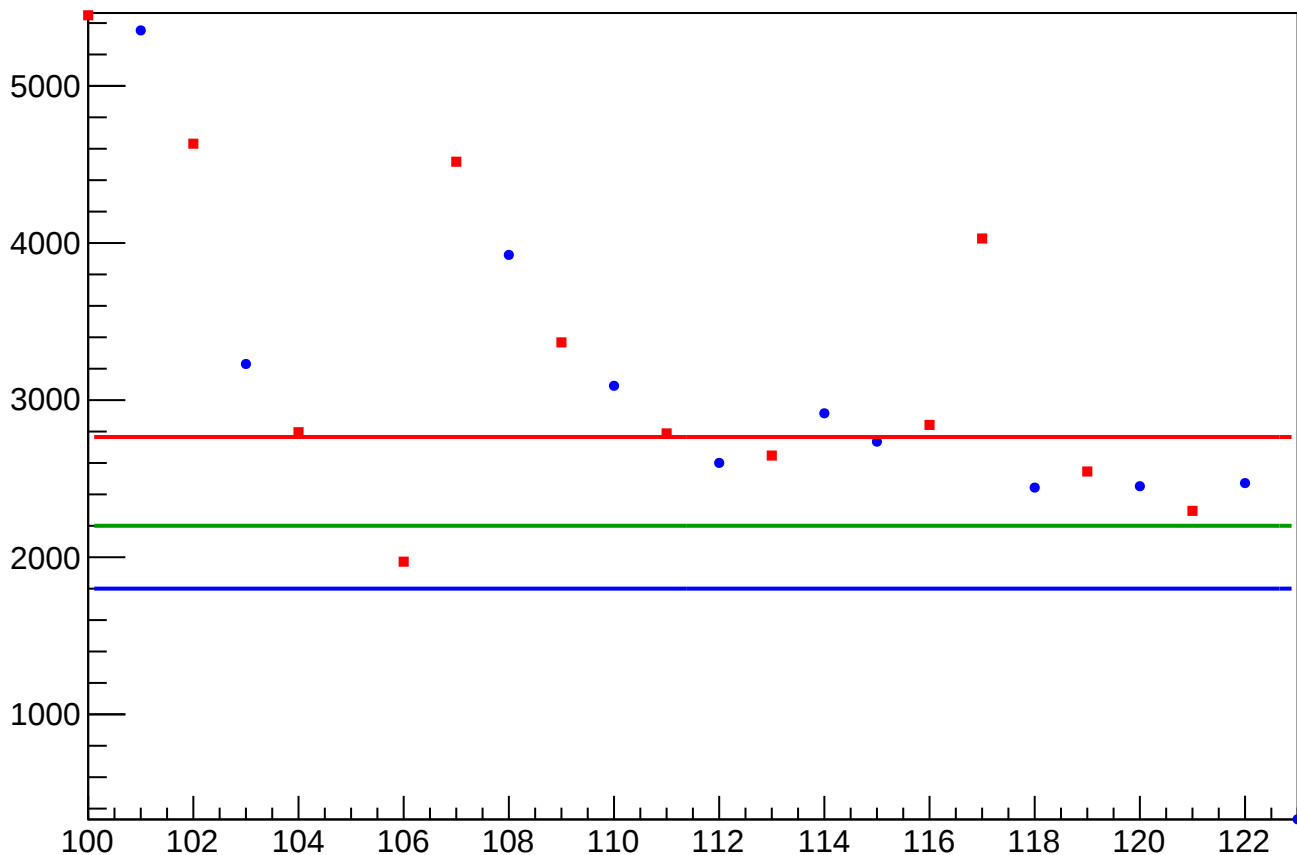
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-74.530+/-1156.969 χ^2/NDF : 10.4/10

-283.794+/-885.317 χ^2/NDF : 25.1/22

-579.433+/-1375.168 χ^2/NDF : 14.6/11

asym_atr1l2_avg_correction_rms vs Slug, Sign Corrected



Right In: 1800.277+/-0.818 χ^2/NDF : 2765200.0/10

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

Right Out: 2765.142+/-0.972 χ^2/NDF : 476424.3/11

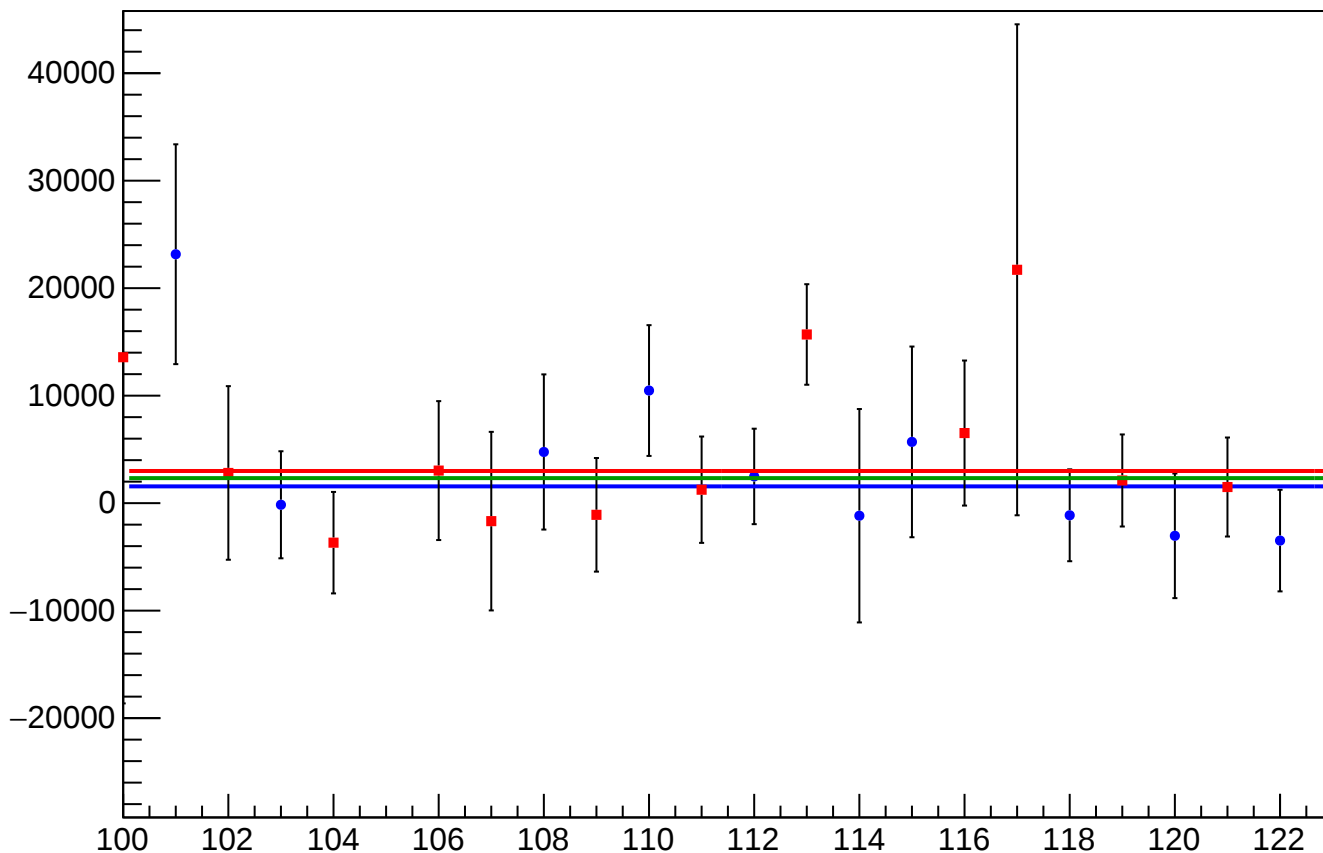
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1800.277+/-0.818 χ^2/NDF : 2765200.0/10

2200.179+/-0.626 χ^2/NDF : 3818133.0/22

2765.142+/-0.972 χ^2/NDF : 476424.3/11

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1560.158+/-1825.417 χ^2/NDF : 9.4/10

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

Right Out: 2991.616+/-1696.217 χ^2/NDF : 11.6/11

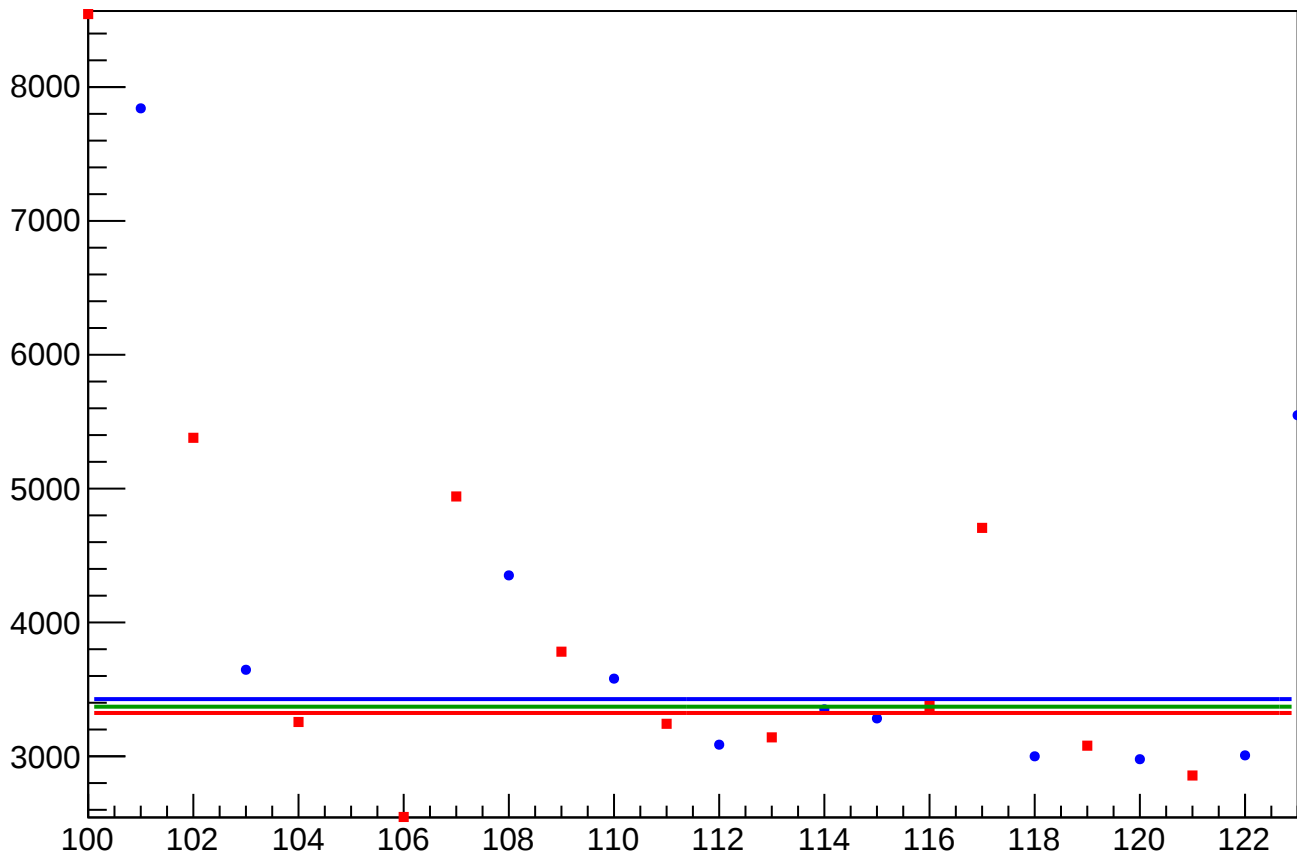
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1560.158+/-1825.417 χ^2/NDF : 9.4/10

2328.333+/-1242.574 χ^2/NDF : 21.4/22

2991.616+/-1696.217 χ^2/NDF : 11.6/11

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 3427.272+/-1.291 χ^2 /NDF: 481470.5/10

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

Right Out: 3323.634+/-1.174 χ^2 /NDF: 358579.3/11

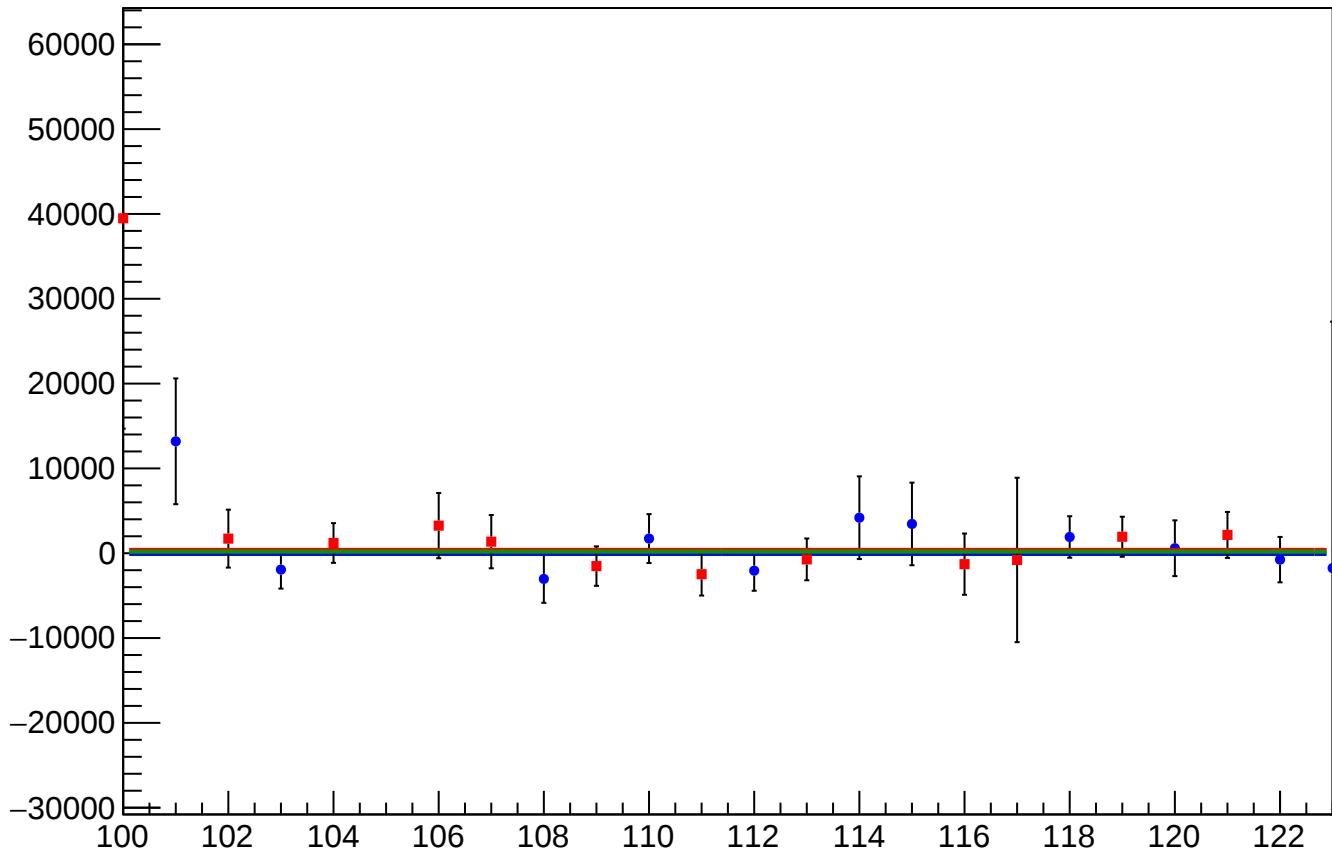
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

3427.272+/-1.291 χ^2 /NDF: 481470.5/10

3370.575+/-0.869 χ^2 /NDF: 843576.8/22

3323.634+/-1.174 χ^2 /NDF: 358579.3/11

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -84.429+/-942.026 χ^2/NDF : 8.1/10

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

Right Out: 396.803+/-860.808 χ^2/NDF : 6.7/11

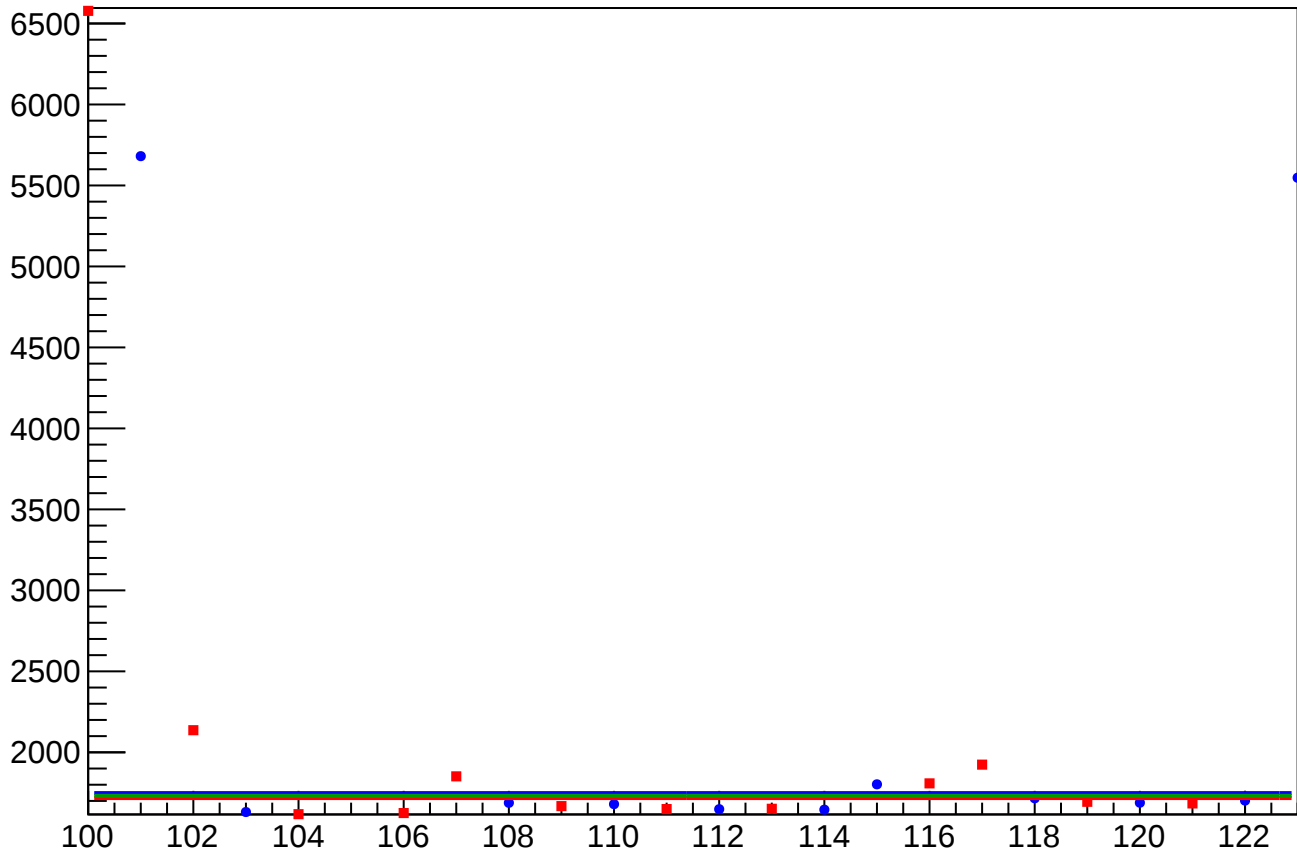
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-84.429+/-942.026 χ^2/NDF : 8.1/10

177.823+/-635.460 χ^2/NDF : 15.0/22

396.803+/-860.808 χ^2/NDF : 6.7/11

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1748.292+/-0.666 χ^2/NDF : 610651.5/10

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

Right Out: 1717.635+/-0.602 χ^2/NDF : 122376.7/11

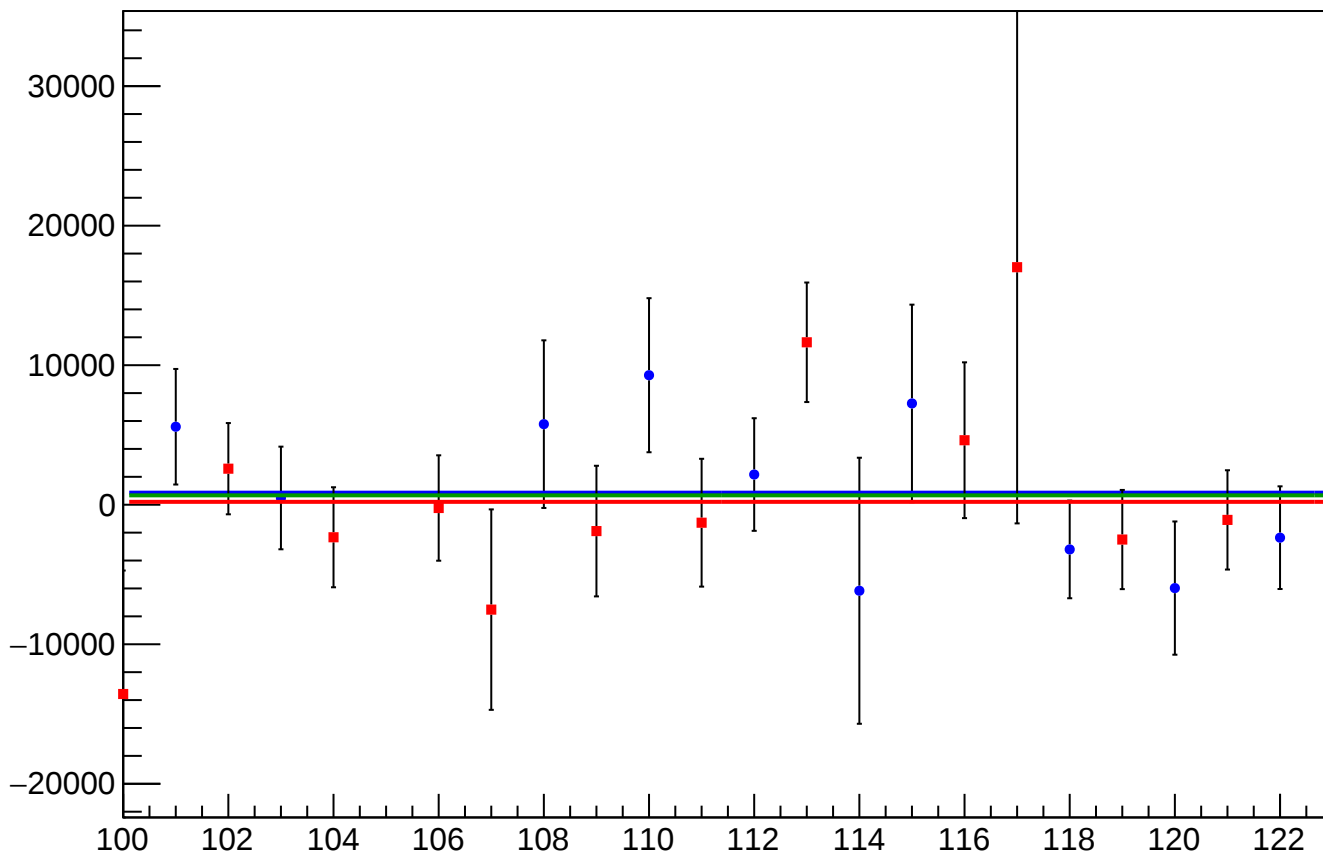
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1748.292+/-0.666 χ^2/NDF : 610651.5/10

1731.421+/-0.447 χ^2/NDF : 734193.9/22

1717.635+/-0.602 χ^2/NDF : 122376.7/11

asym_atr1l2_dd_correction_mean vs Slug, Sign Corrected



Right In: 864.693+/-818.152 χ^2/NDF : 9.9/10

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

Right Out: 206.573+/-1275.596 χ^2/NDF : 14.2/11

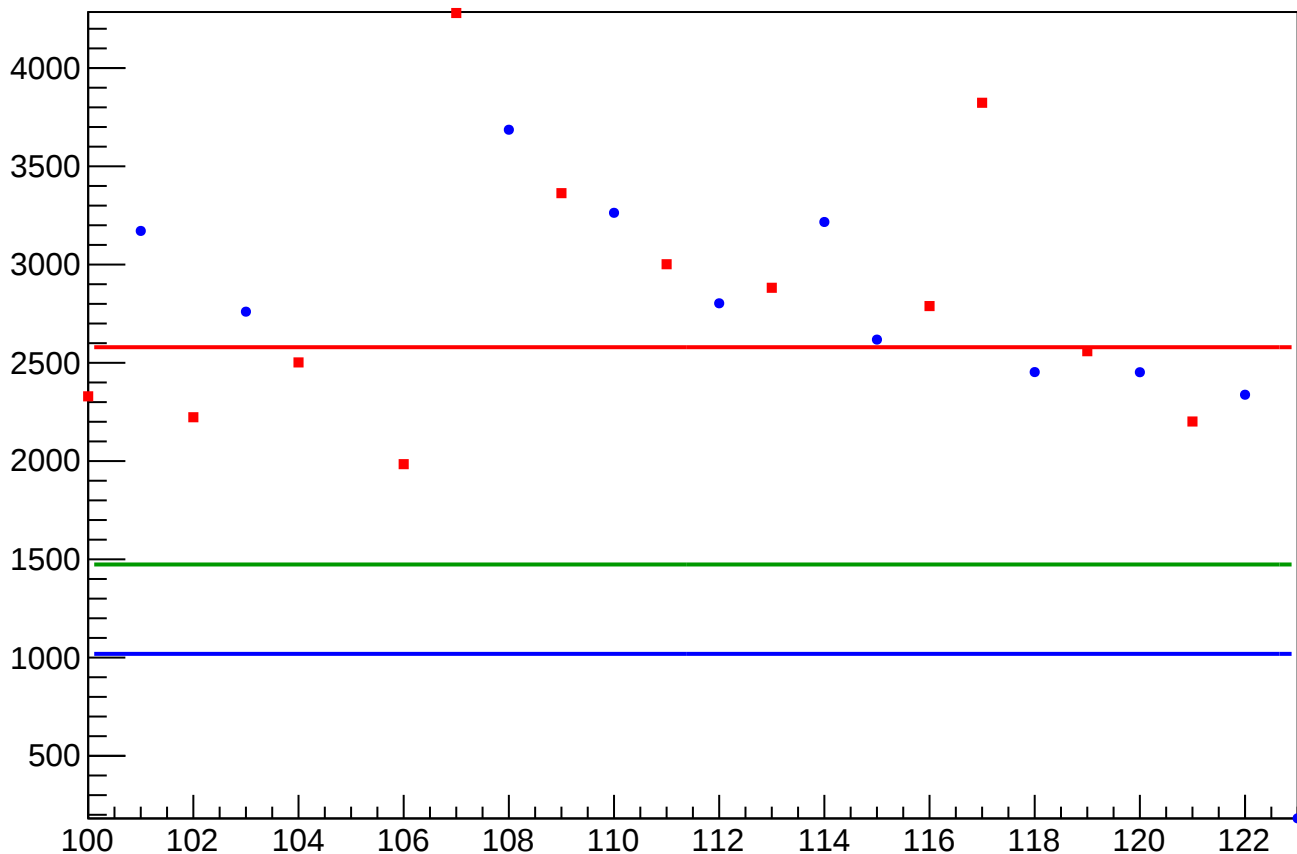
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

864.693+/-818.152 χ^2/NDF : 9.9/10

672.869+/-688.672 χ^2/NDF : 24.4/22

206.573+/-1275.596 χ^2/NDF : 14.2/11

asym_atr1l2_dd_correction_rms vs Slug, Sign Corrected



Right In: 1018.918+/-0.579 χ^2/NDF : 4499375.9/10

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

Right Out: 2579.462+/-0.902 χ^2/NDF : 305731.1/11

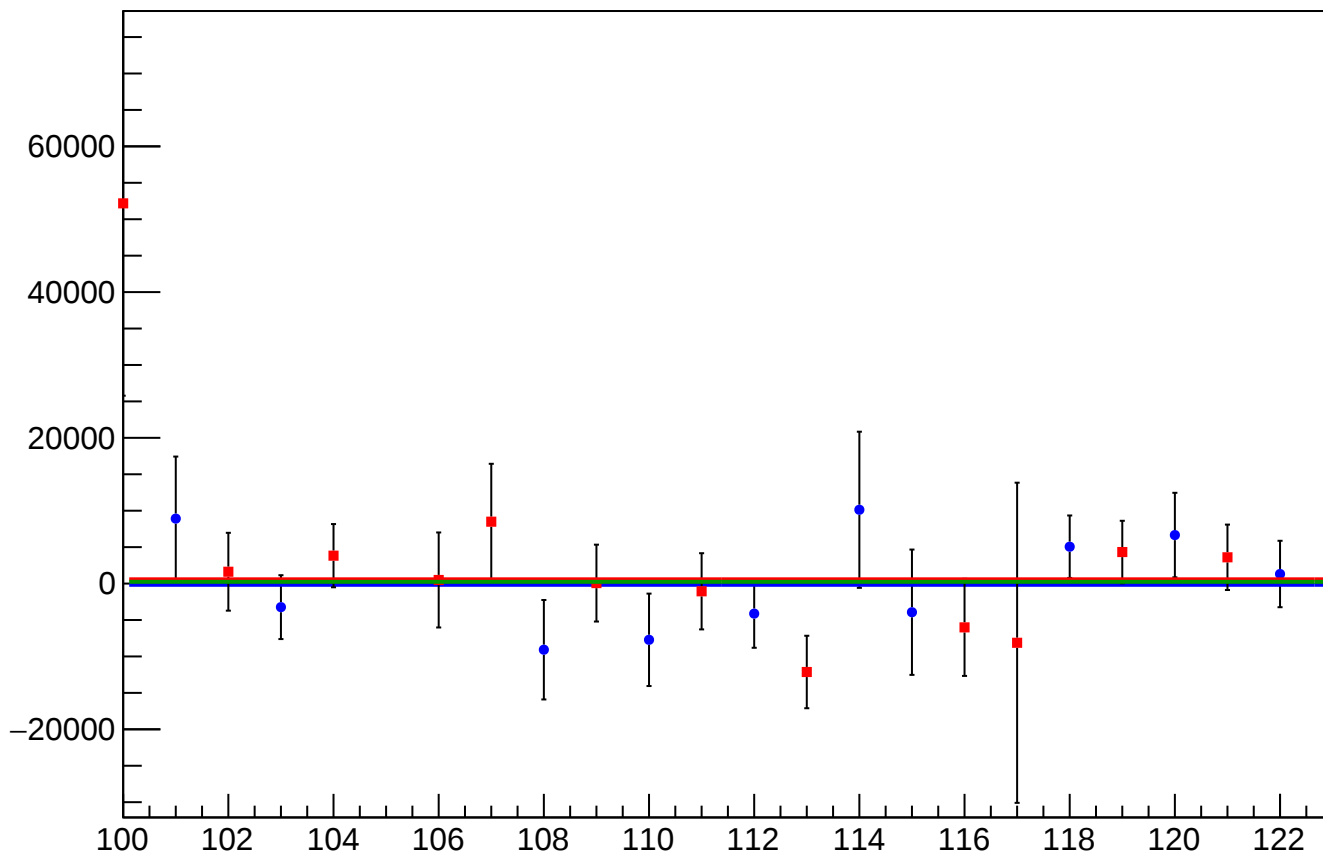
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1018.918+/-0.579 χ^2/NDF : 4499375.9/10

1473.775+/-0.487 χ^2/NDF : 6925969.4/22

2579.462+/-0.902 χ^2/NDF : 305731.1/11

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -166.446+/-1786.069 χ^2/NDF : 9.6/10

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

Right Out: 583.692+/-1642.762 χ^2/NDF : 14.4/11

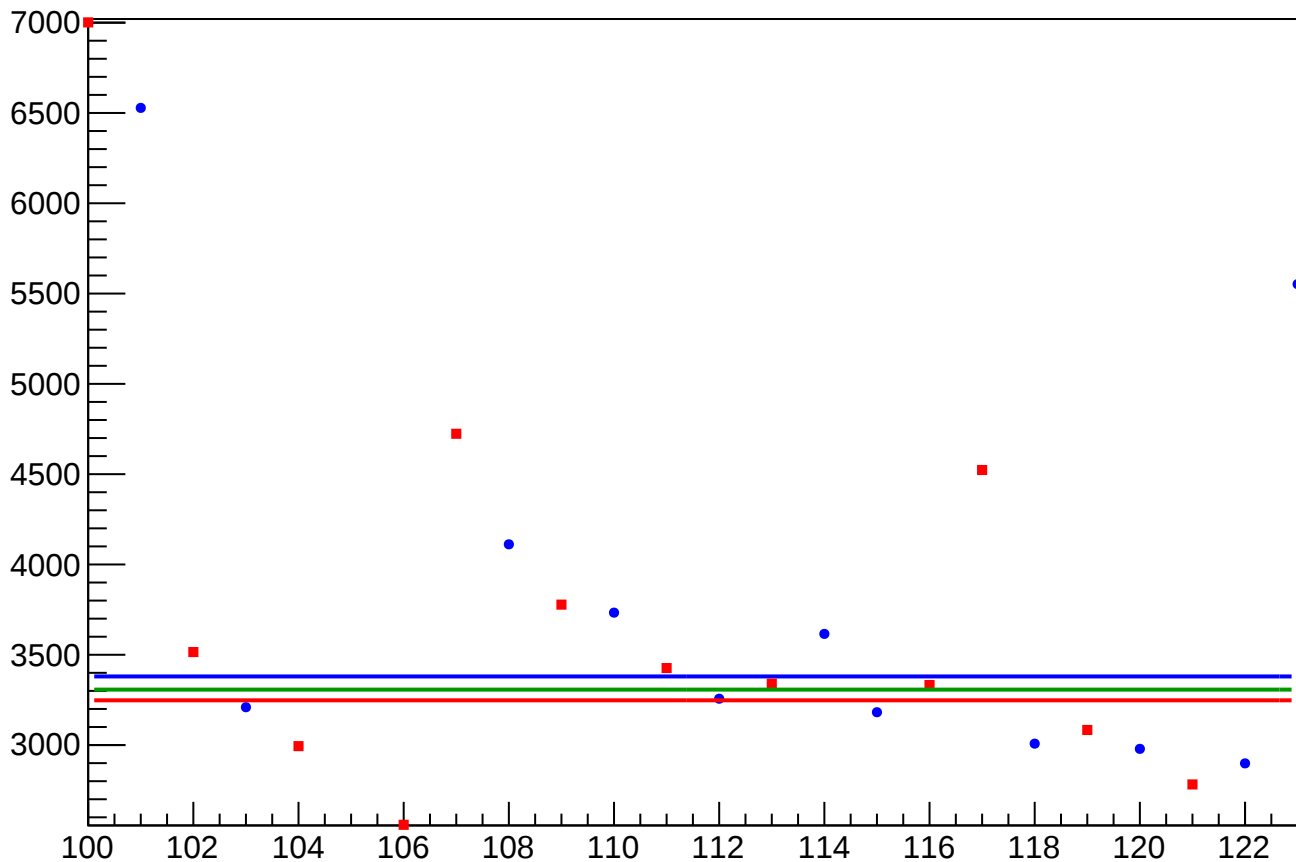
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-166.446+/-1786.069 χ^2/NDF : 9.6/10

239.920+/-1209.102 χ^2/NDF : 24.1/22

583.692+/-1642.762 χ^2/NDF : 14.4/11

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3380.029+/-1.263 χ^2/NDF : 367033.9/10

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

Right Out: 3247.793+/-1.139 χ^2/NDF : 212591.1/11

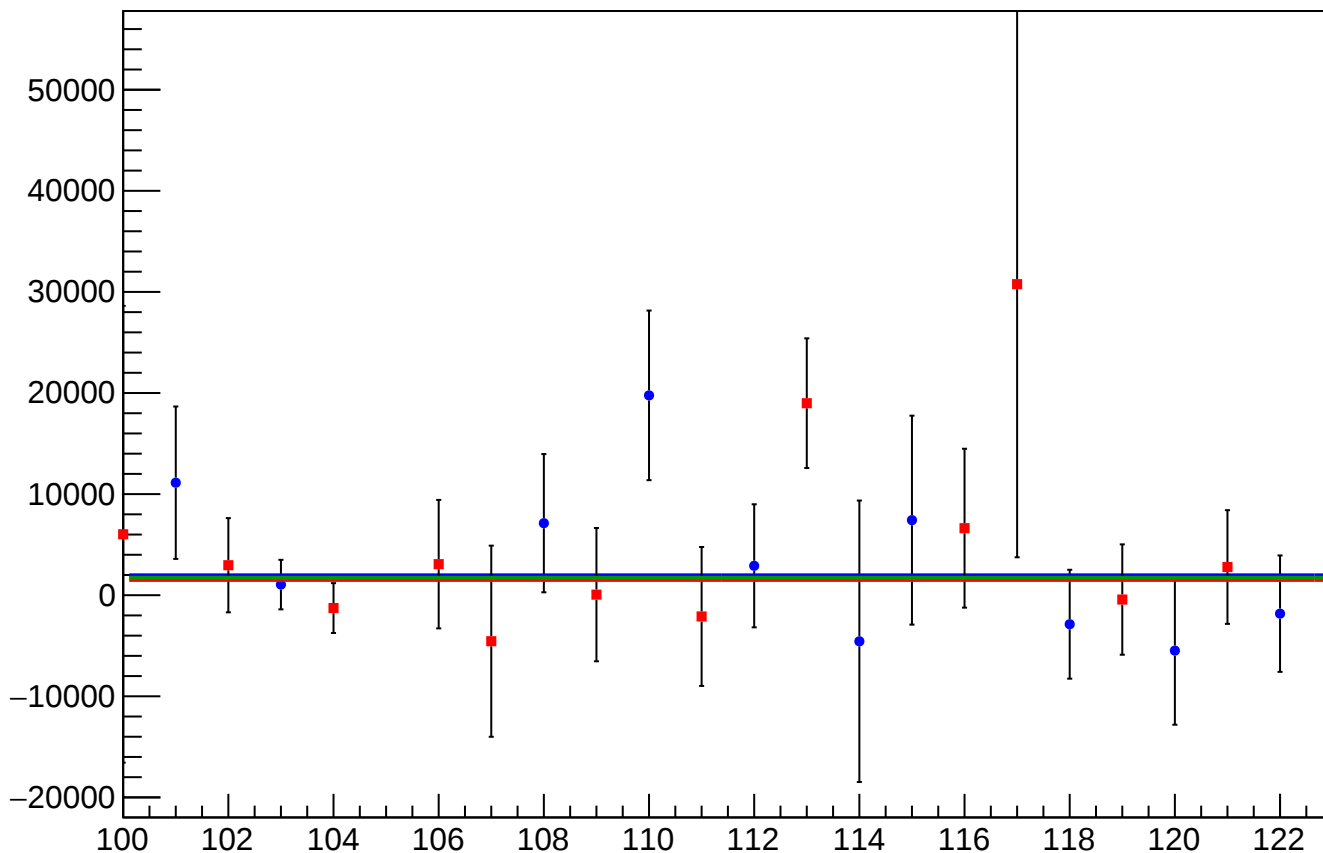
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3380.029+/-1.263 χ^2/NDF : 367033.9/10

3307.100+/-0.846 χ^2/NDF : 585671.3/22

3247.793+/-1.139 χ^2/NDF : 212591.1/11

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 1963.000+/-1699.723 χ^2/NDF : 9.5/10

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

Right Out: 1515.449+/-1581.659 χ^2/NDF : 11.4/11

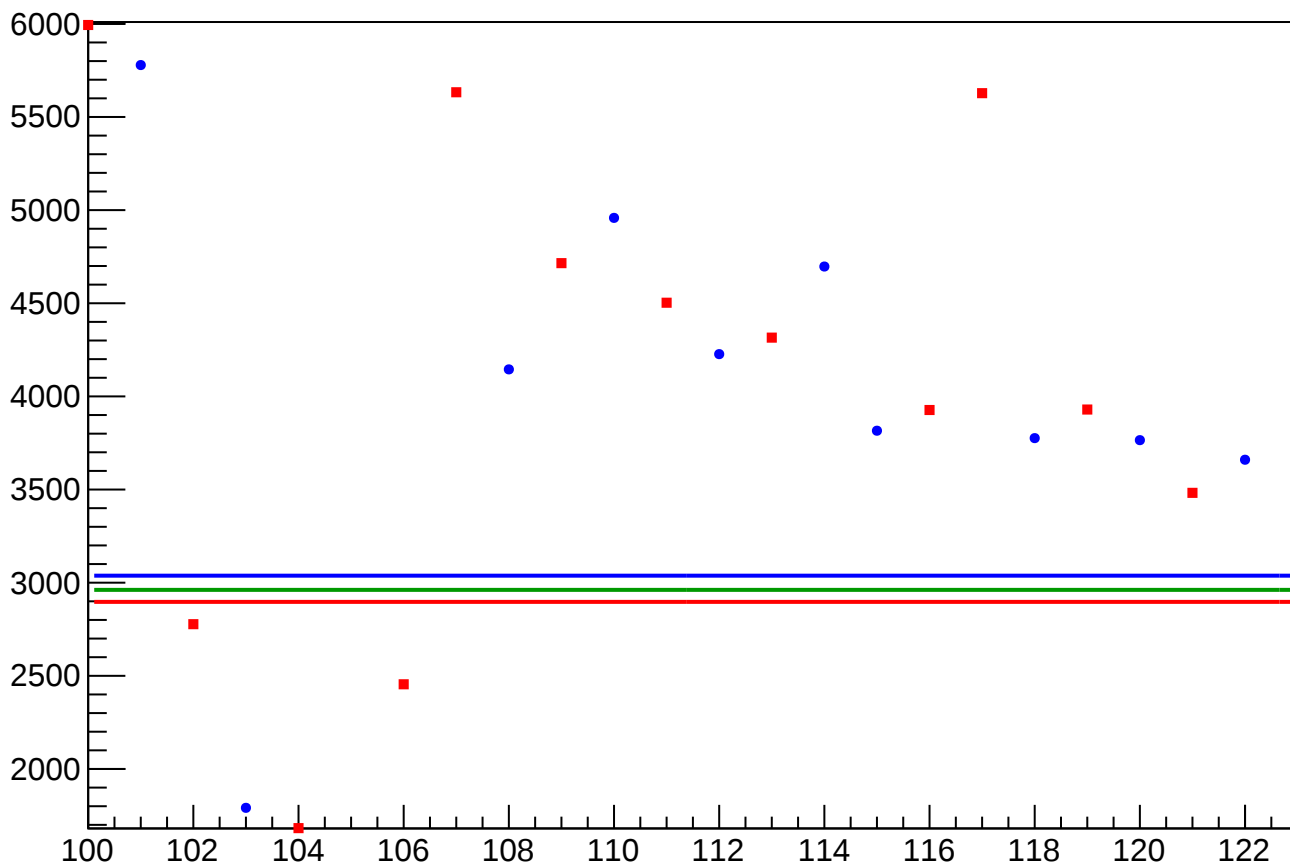
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1963.000+/-1699.723 χ^2/NDF : 9.5/10

1723.142+/-1157.893 χ^2/NDF : 20.9/22

1515.449+/-1581.659 χ^2/NDF : 11.4/11

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3037.651+/-1.202 χ^2/NDF : 1148644.1/10

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

Right Out: 2896.983+/-1.105 χ^2/NDF : 1212489.3/11

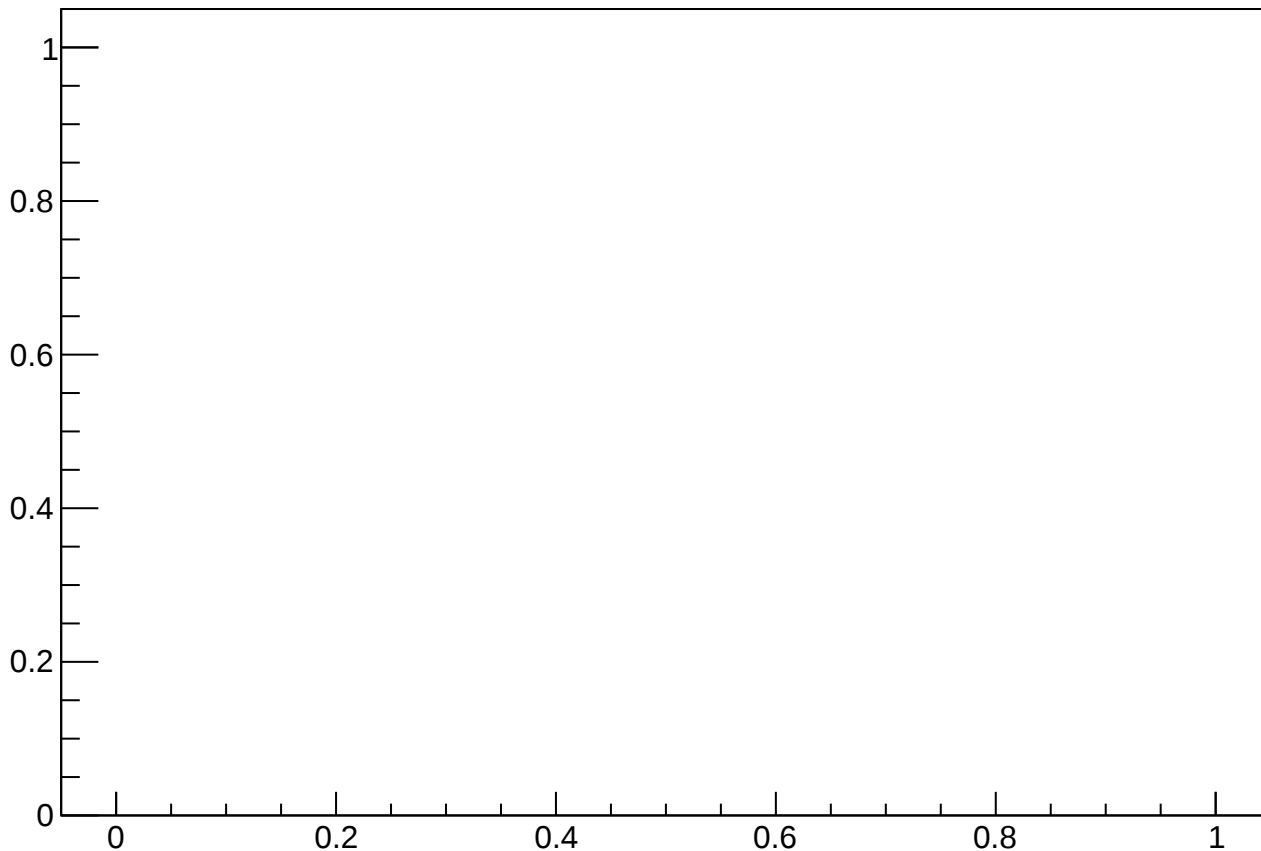
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3037.651+/-1.202 χ^2/NDF : 1148644.1/10

2961.426+/-0.813 χ^2/NDF : 2368556.6/22

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

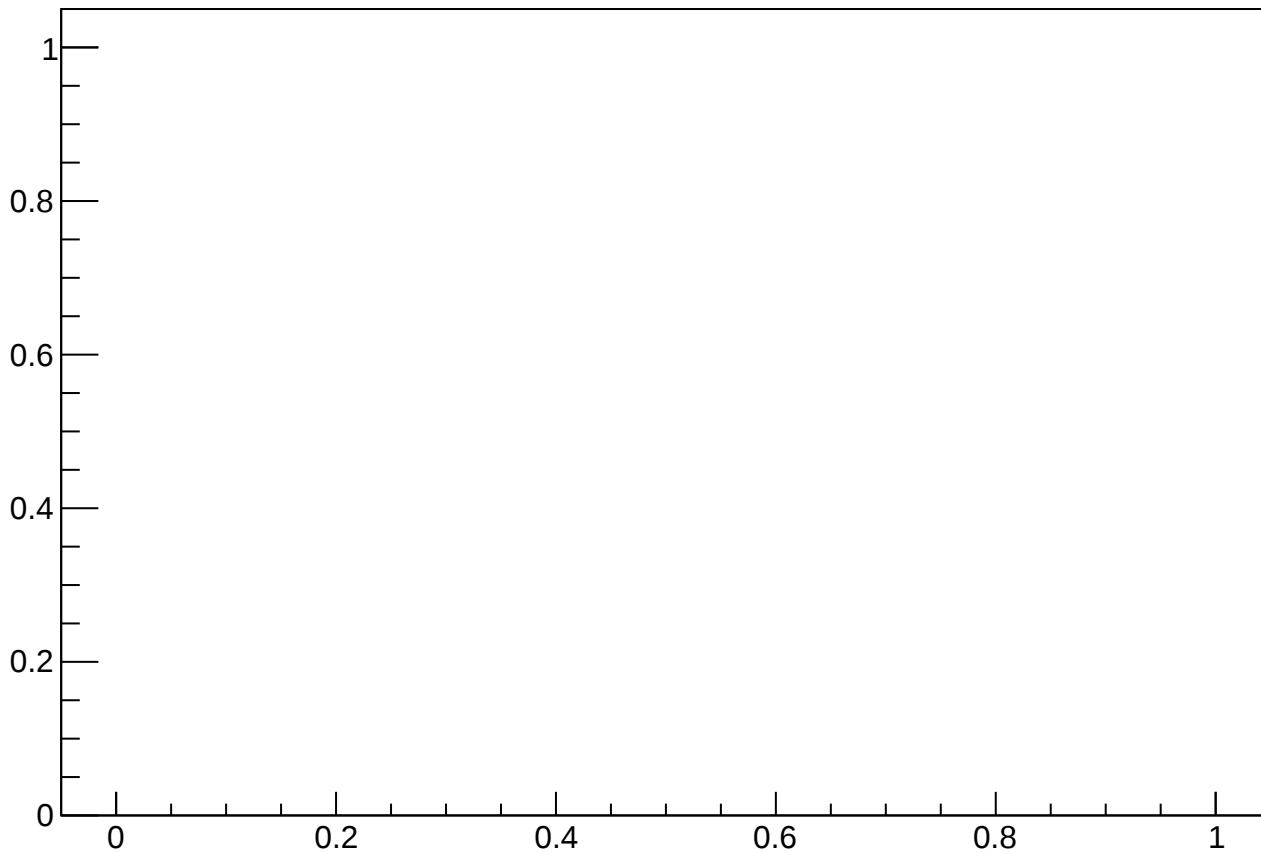
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

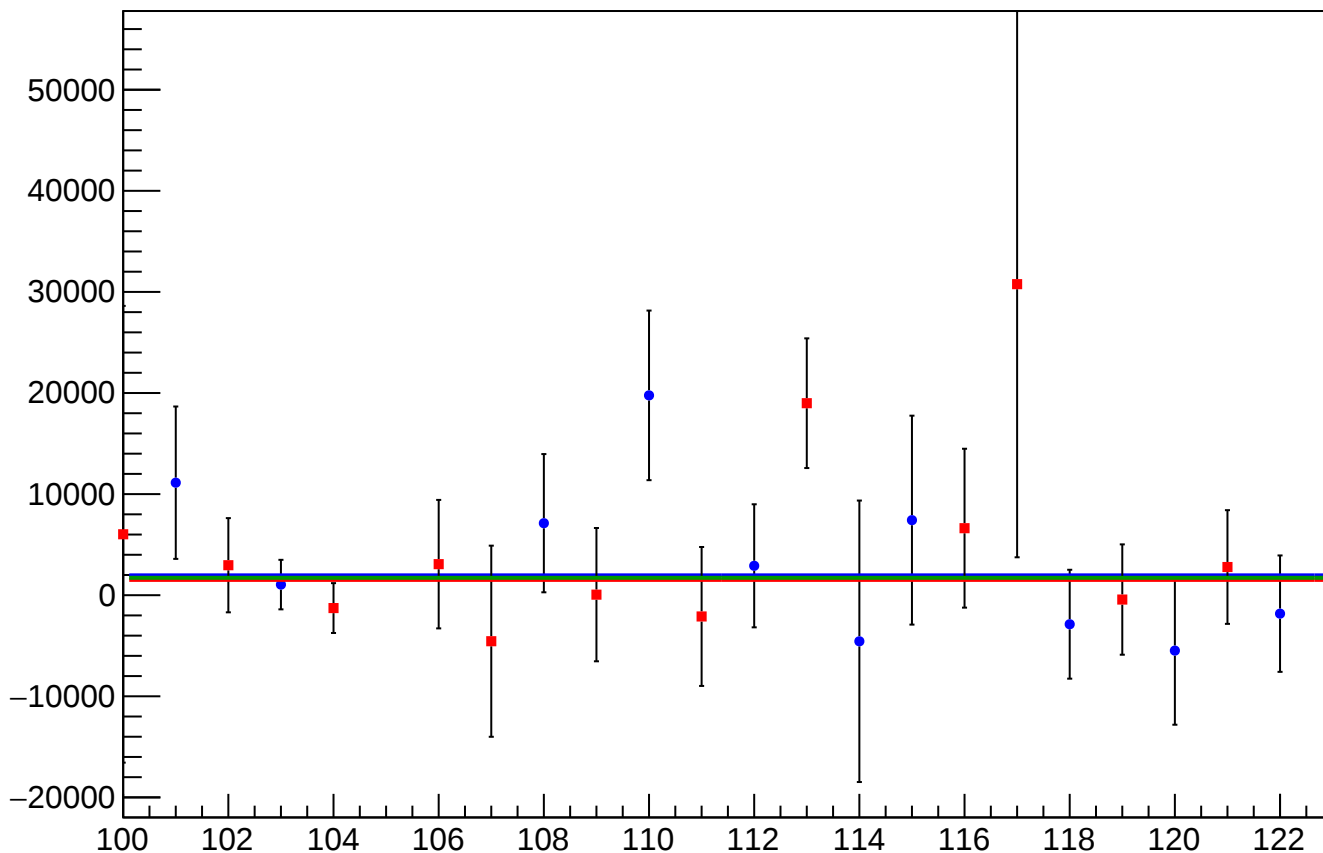
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1963.000+/-1699.723 χ^2/NDF : 9.5/10

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

Right Out: 1515.449+/-1581.659 χ^2/NDF : 11.4/11

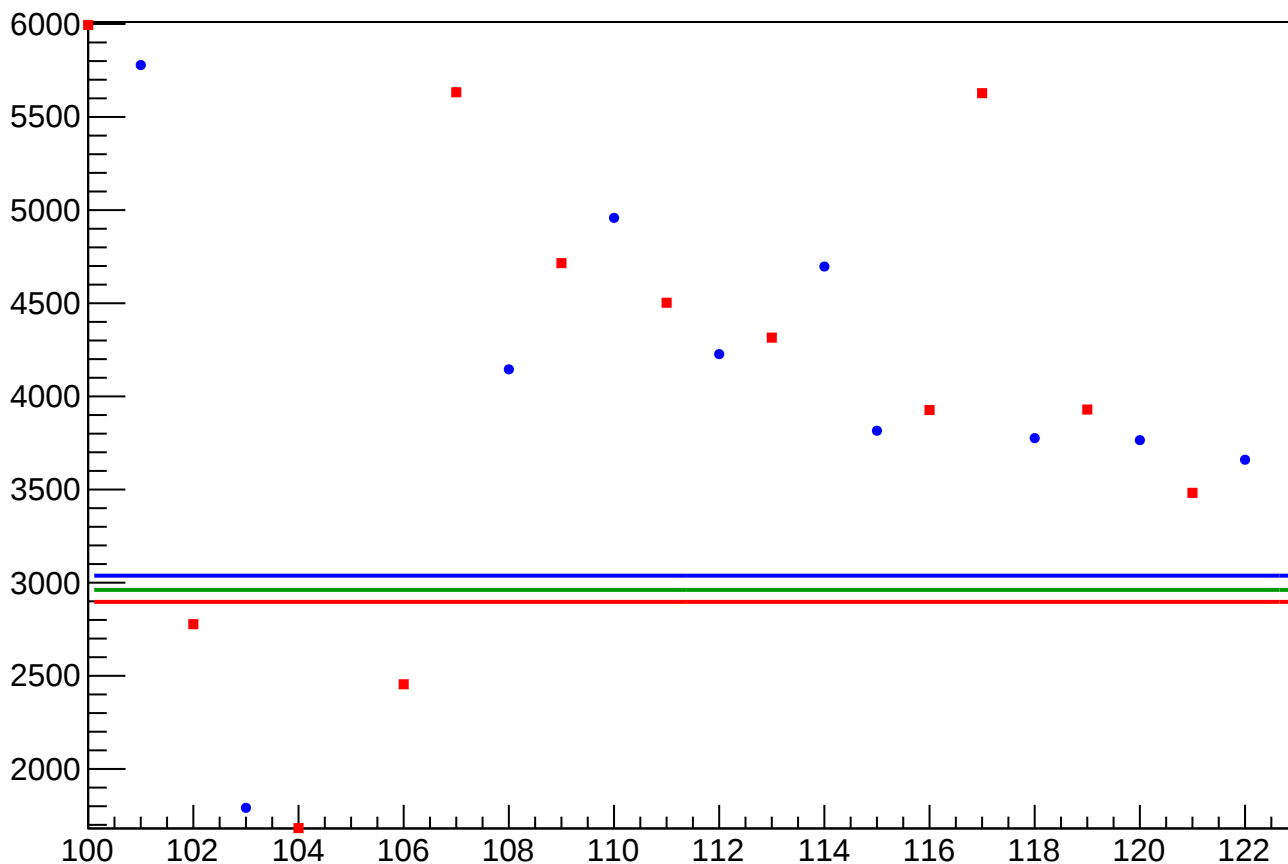
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1963.000+/-1699.723 χ^2/NDF : 9.5/10

1723.142+/-1157.893 χ^2/NDF : 20.9/22

1515.449+/-1581.659 χ^2/NDF : 11.4/11

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3037.651+/-1.202 χ^2/NDF : 1148644.1/10

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

Right Out: 2896.983+/-1.105 χ^2/NDF : 1212489.3/11

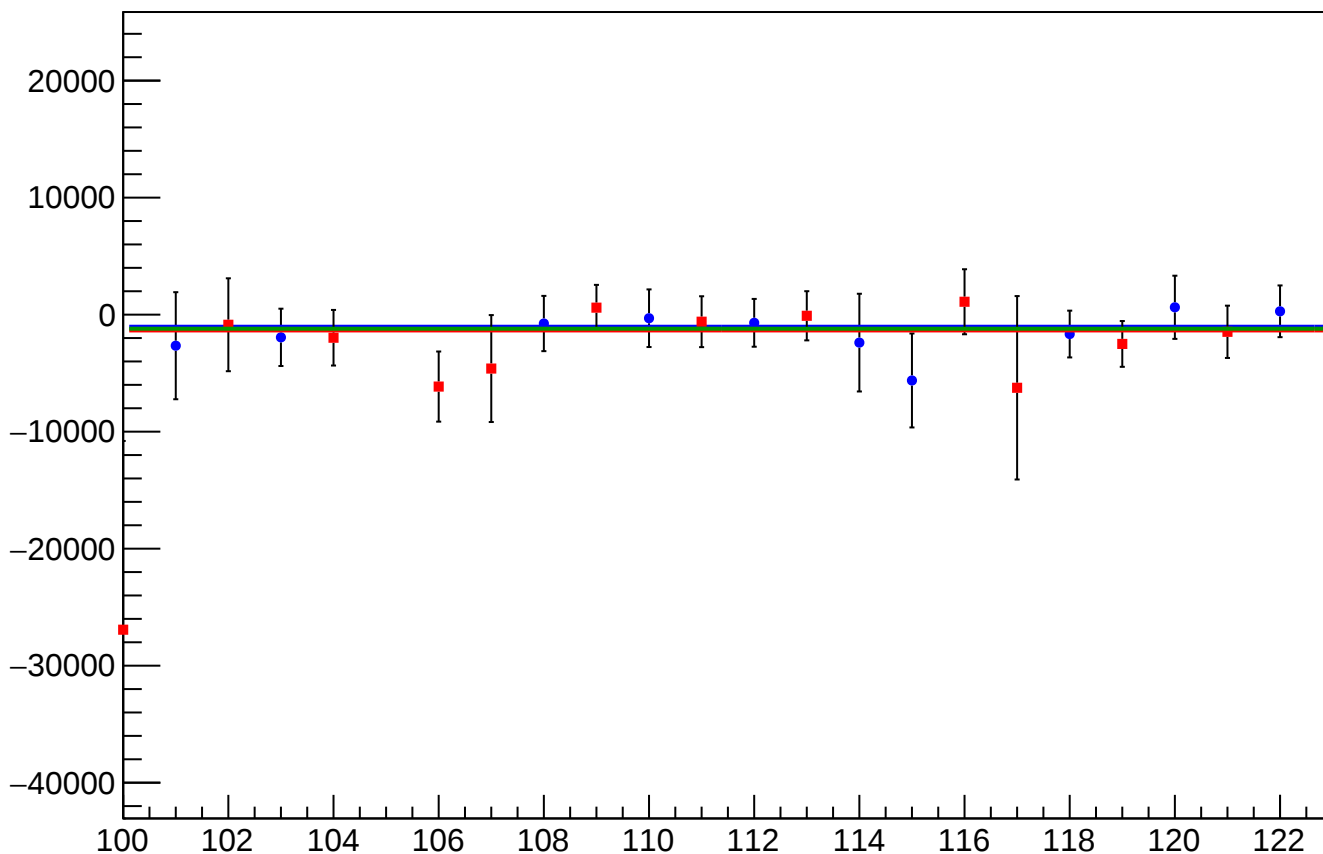
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3037.651+/-1.202 χ^2/NDF : 1148644.1/10

2961.426+/-0.813 χ^2/NDF : 2368556.6/22

2896.983+/-1.105 χ^2/NDF : 1212489.3/11

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1033.389+/-813.423 χ^2/NDF : 2.6/10

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

Right Out: -1349.552+/-764.121 χ^2/NDF : 8.7/11

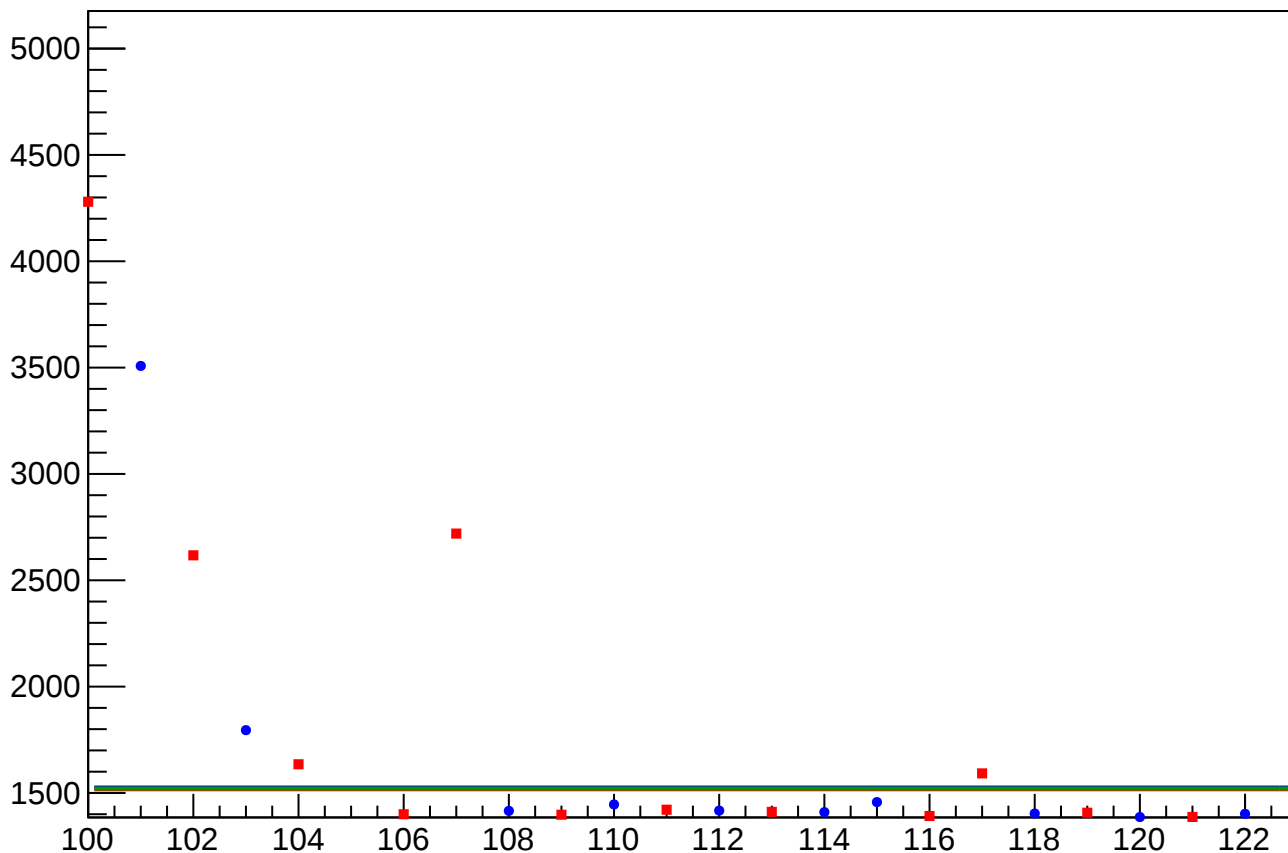
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1033.389+/-813.423 χ^2/NDF : 2.6/10

-1201.341+/-556.929 χ^2/NDF : 11.4/22

-1349.552+/-764.121 χ^2/NDF : 8.7/11

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1525.545+/-0.575 χ^2/NDF : 469114.7/10

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

Right Out: 1517.272+/-0.540 χ^2/NDF : 392593.9/11

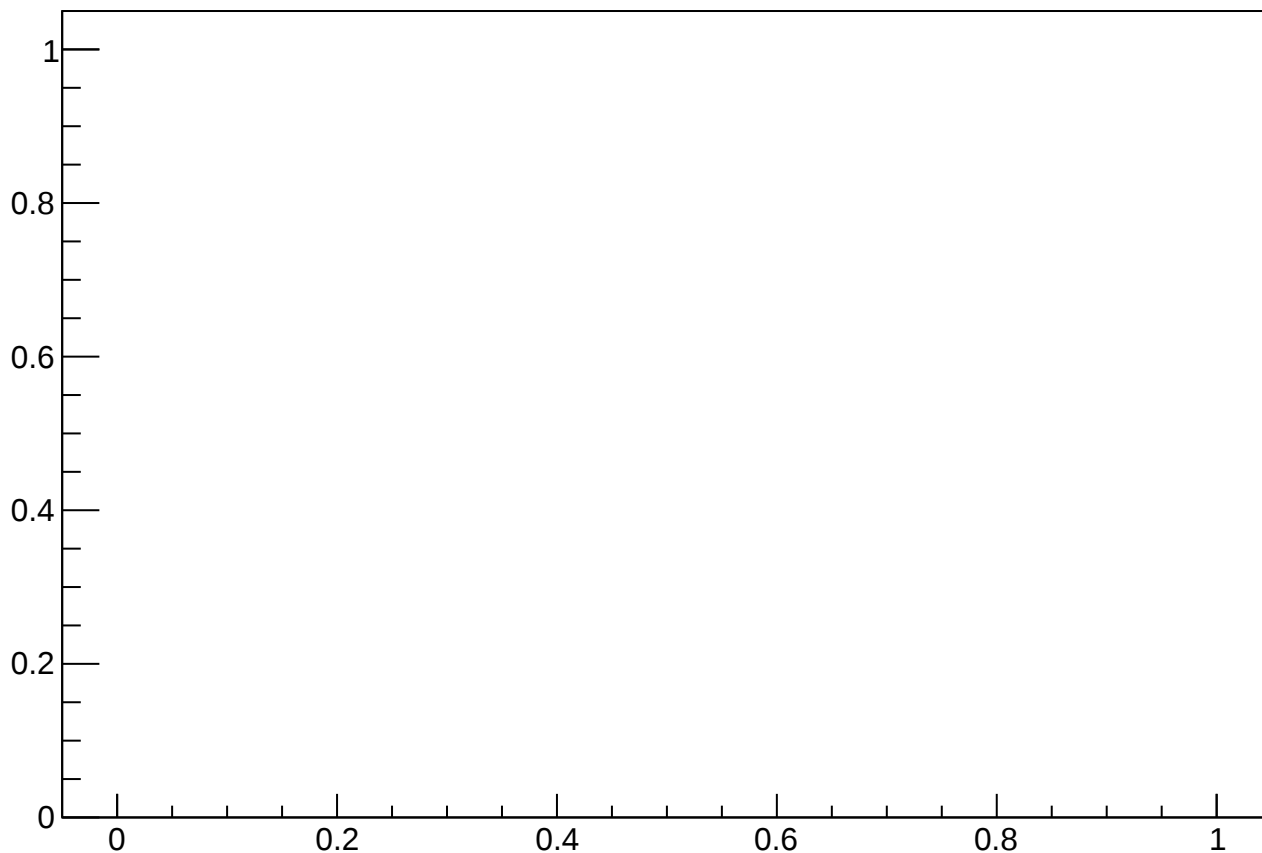
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1525.545+/-0.575 χ^2/NDF : 469114.7/10

1521.150+/-0.394 χ^2/NDF : 861818.5/22

1517.272+/-0.540 χ^2/NDF : 392593.9/11

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

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

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

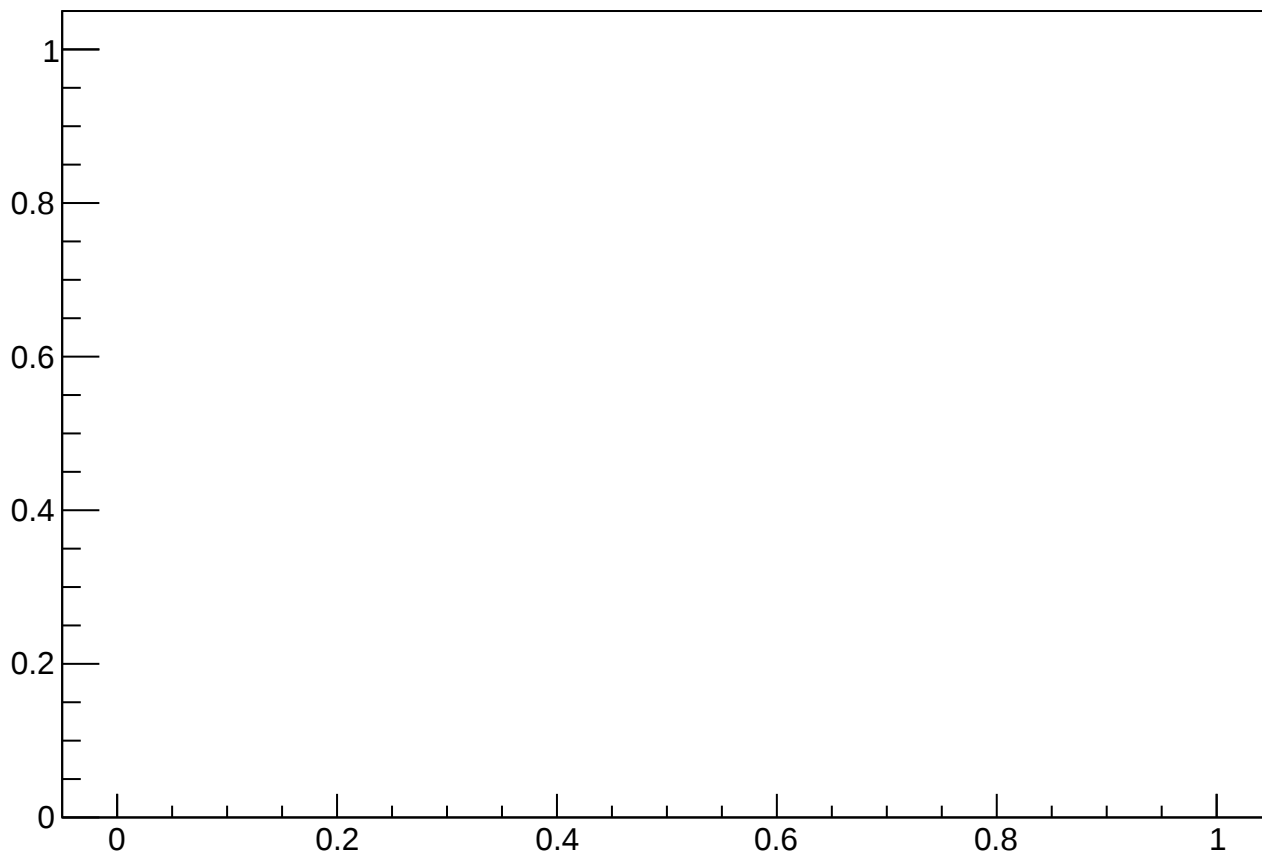
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

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

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

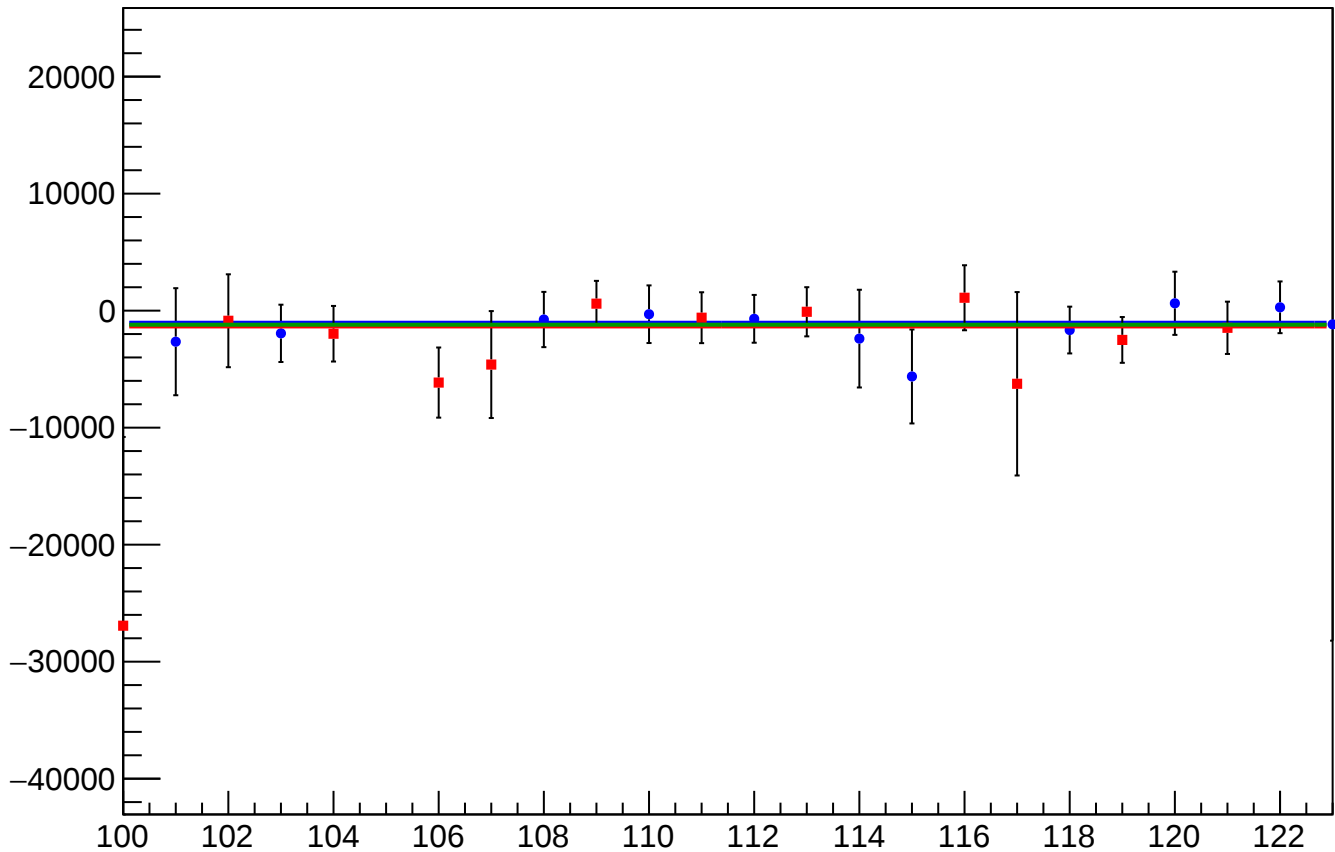
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1033.389+/-813.423 χ^2/NDF : 2.6/10

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

Right Out: -1349.552+/-764.121 χ^2/NDF : 8.7/11

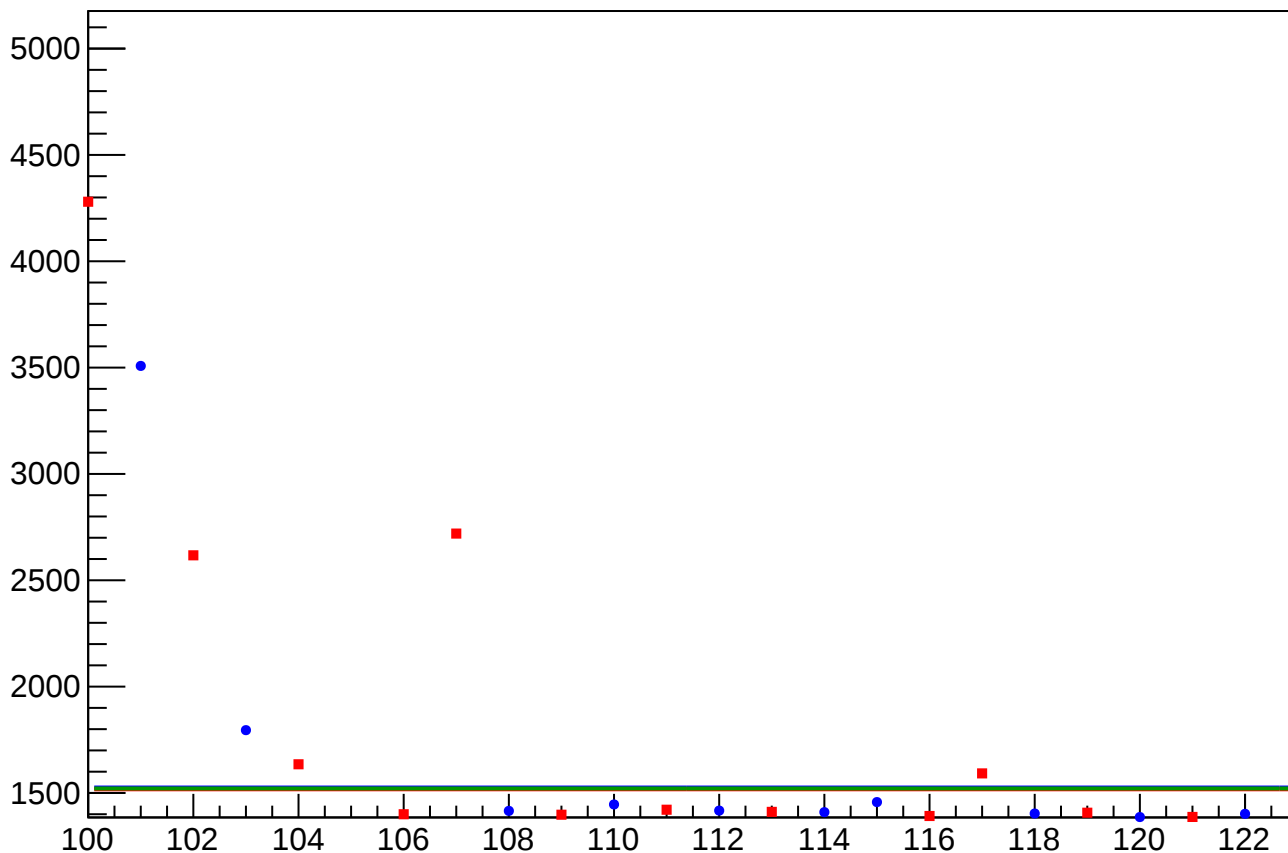
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1033.389+/-813.423 χ^2/NDF : 2.6/10

-1201.341+/-556.929 χ^2/NDF : 11.4/22

-1349.552+/-764.121 χ^2/NDF : 8.7/11

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1525.545 $\pm$ 0.575 χ^2 /NDF: 469114.7/10

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

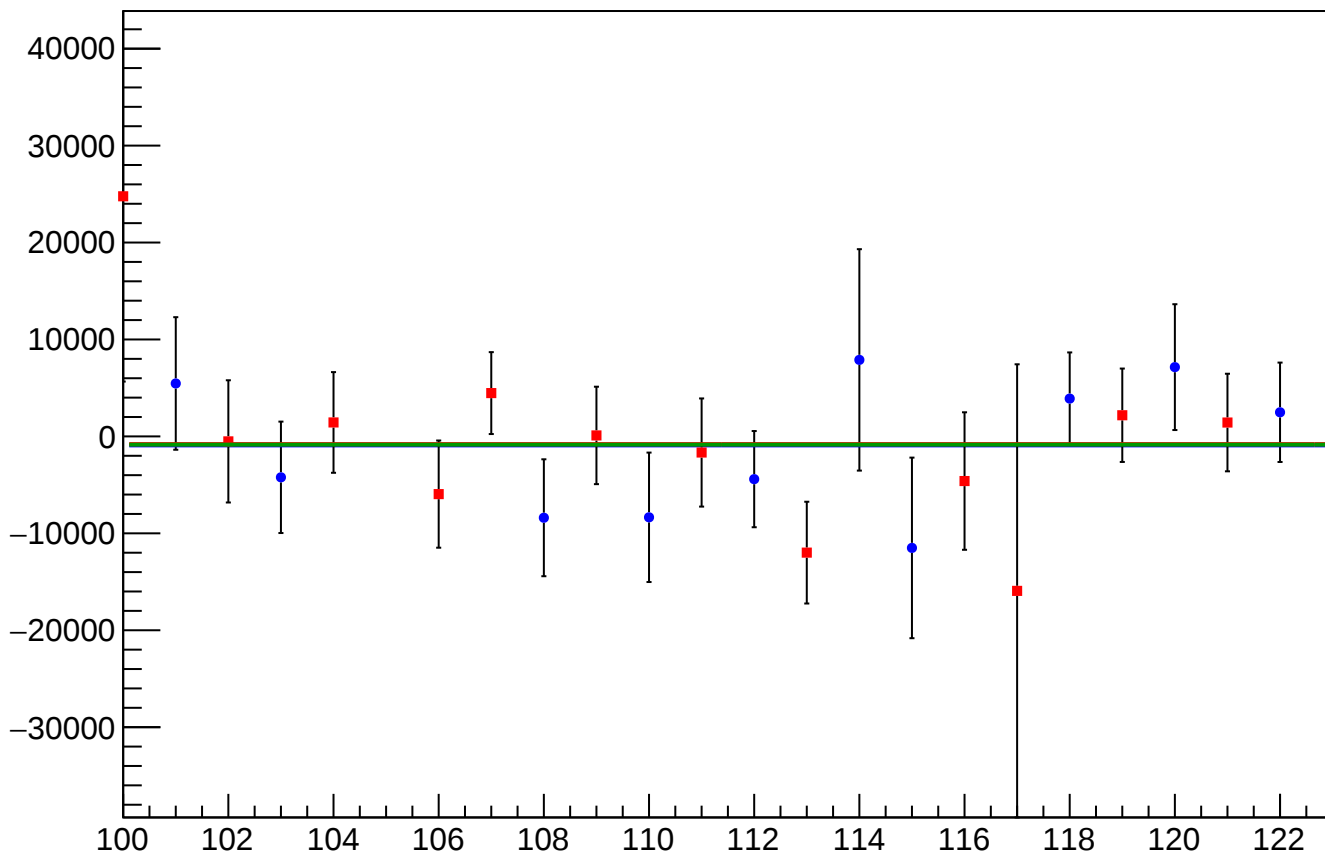
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1525.545 $\pm$ 0.575 χ^2 /NDF: 469114.7/10

1521.150 $\pm$ 0.394 χ^2 /NDF: 861818.5/22

1517.272 $\pm$ 0.540 χ^2 /NDF: 392593.9/11

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -925.122+/-1929.358 χ^2/NDF : 9.4/10

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

Right Out: -795.486+/-1653.042 χ^2/NDF : 10.3/11

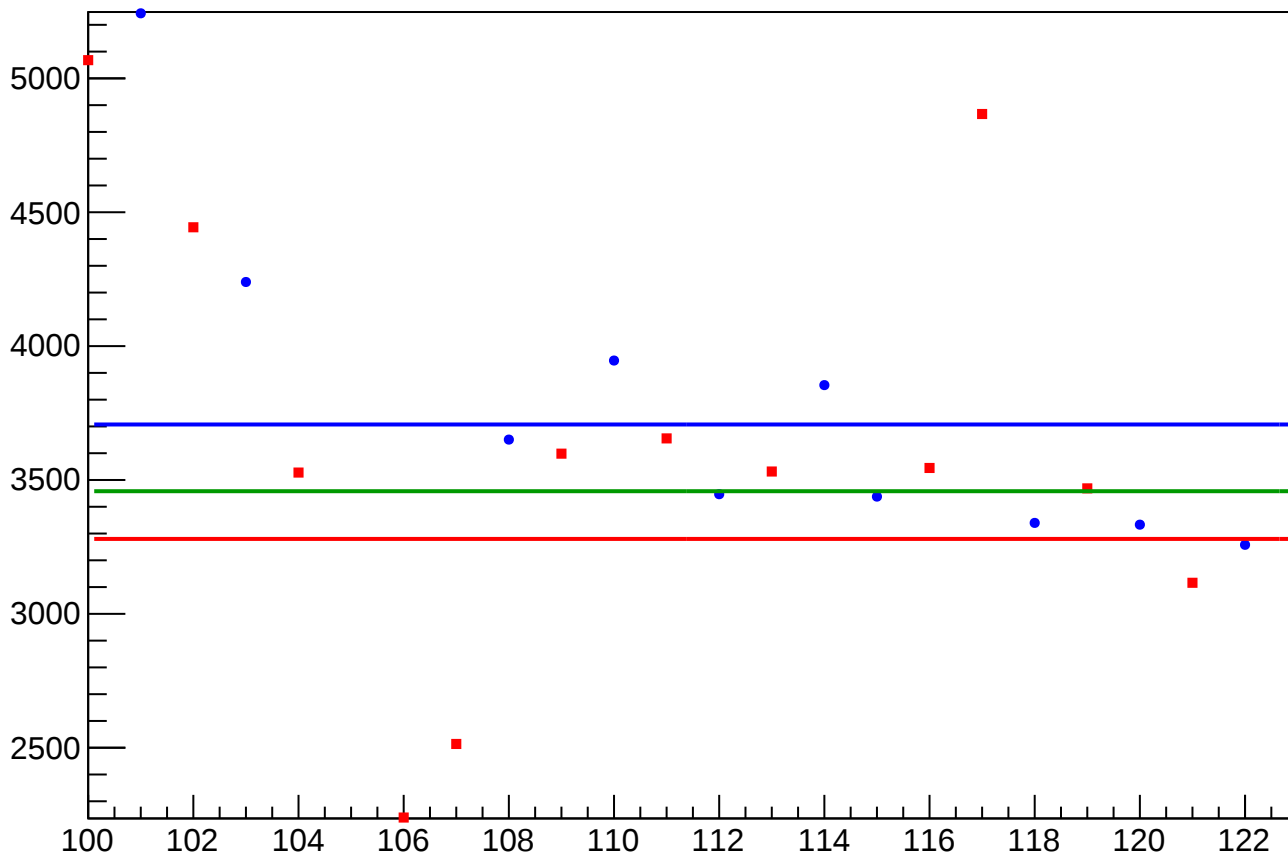
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-925.122+/-1929.358 χ^2/NDF : 9.4/10

-850.364+/-1255.306 χ^2/NDF : 19.7/22

-795.486+/-1653.042 χ^2/NDF : 10.3/11

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3707.291+/-1.364 χ^2/NDF : 167812.6/10

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

Right Out: 3279.865+/-1.154 χ^2/NDF : 286645.2/11

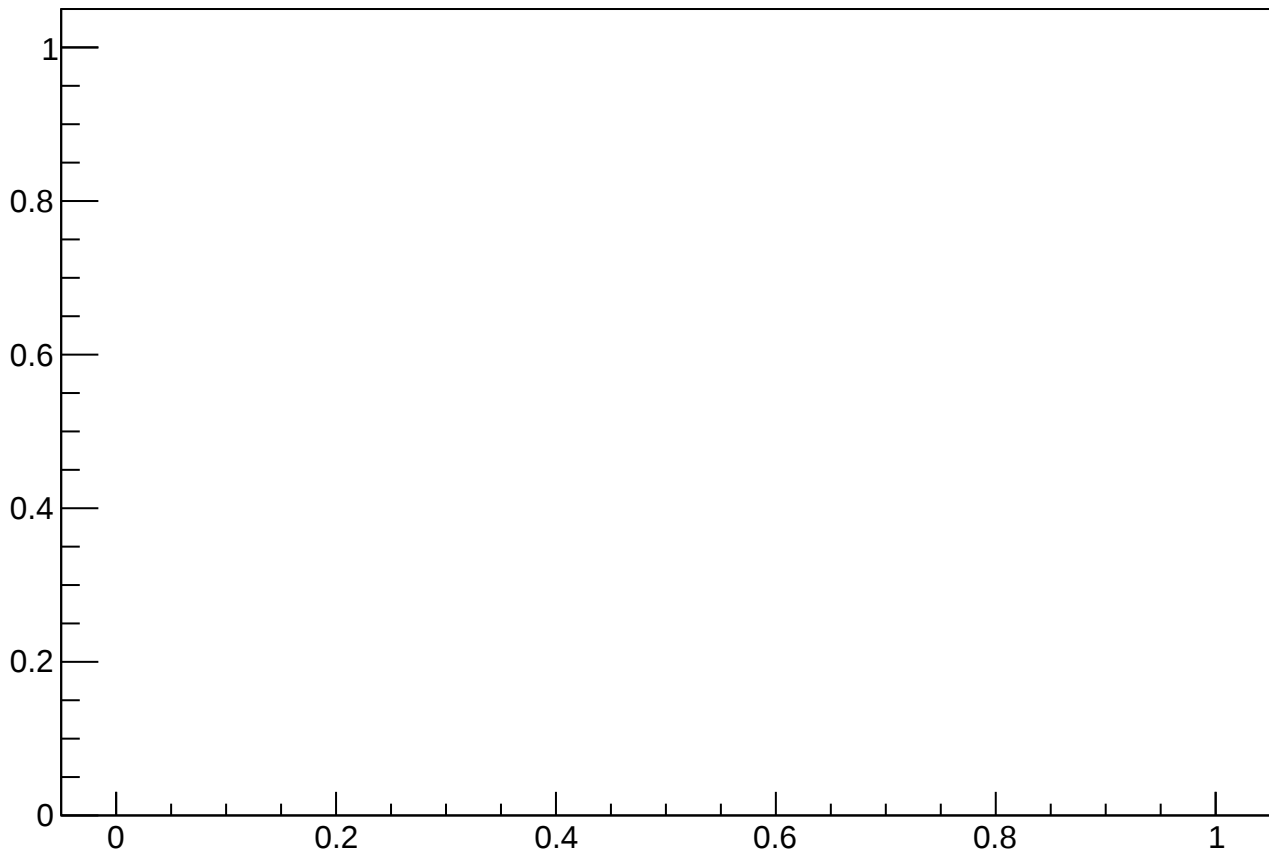
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3707.291+/-1.364 χ^2/NDF : 167812.6/10

3458.092+/-0.881 χ^2/NDF : 511691.2/22

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

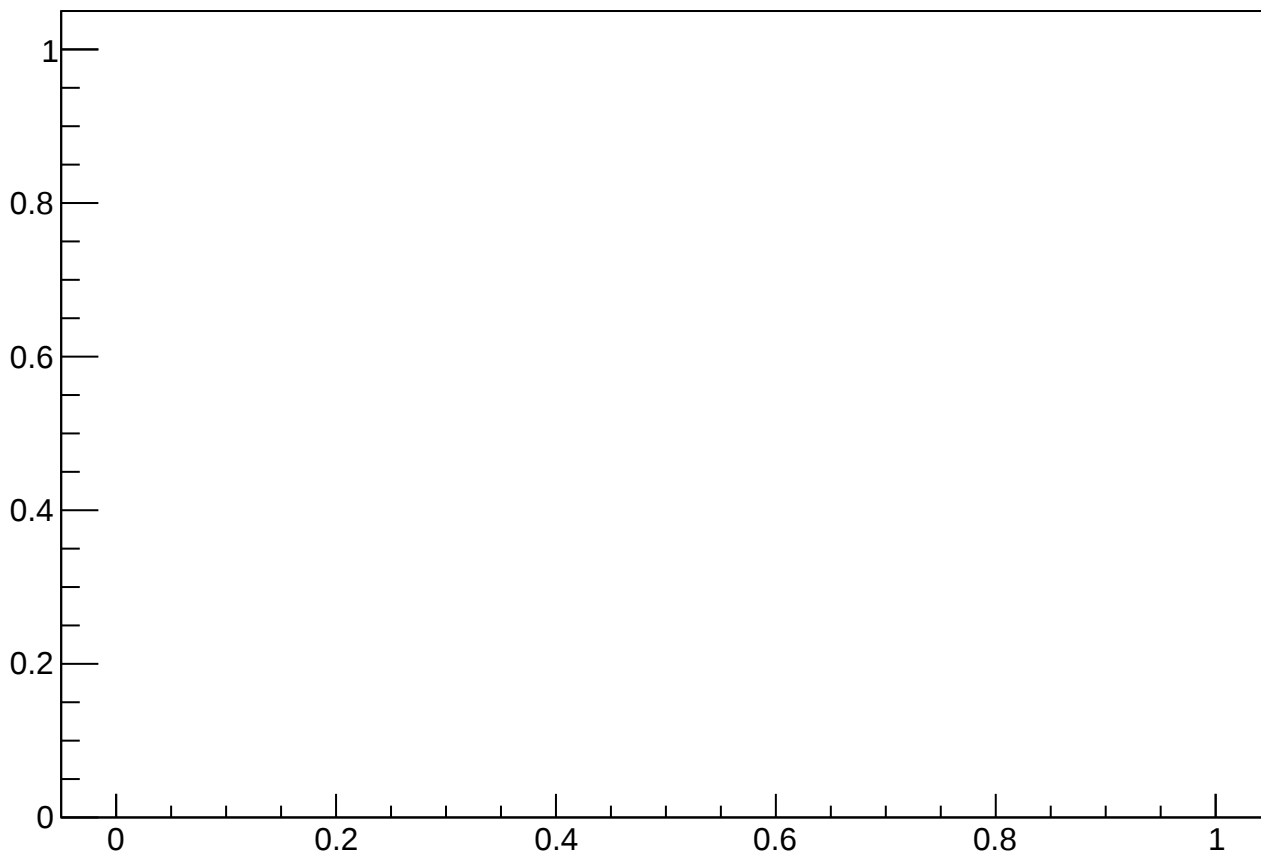
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

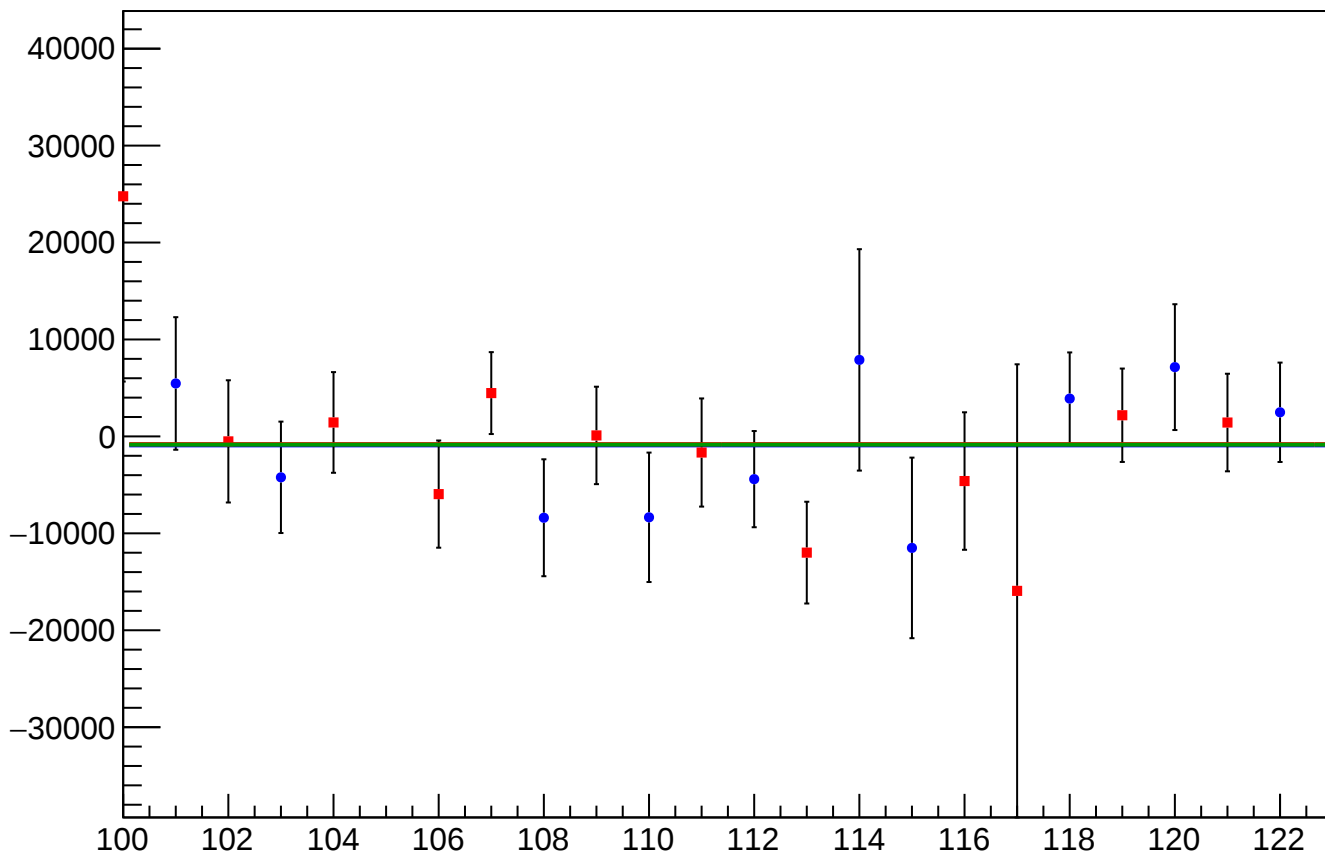
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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: -925.122+/-1929.358 χ^2/NDF : 9.4/10

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

Right Out: -795.486+/-1653.042 χ^2/NDF : 10.3/11

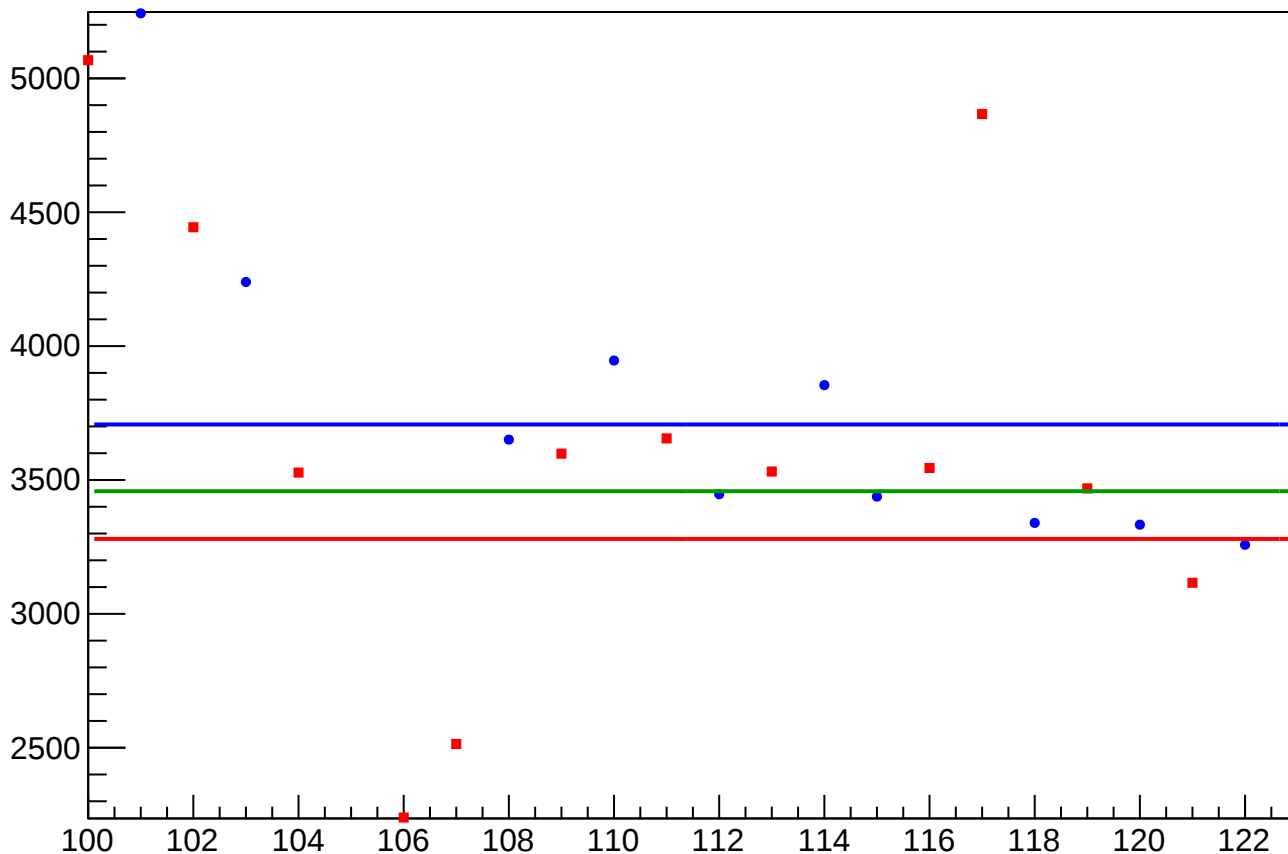
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-925.122+/-1929.358 χ^2/NDF : 9.4/10

-850.364+/-1255.306 χ^2/NDF : 19.7/22

-795.486+/-1653.042 χ^2/NDF : 10.3/11

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3707.291+/-1.364 χ^2/NDF : 167812.6/10

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

Right Out: 3279.865+/-1.154 χ^2/NDF : 286645.2/11

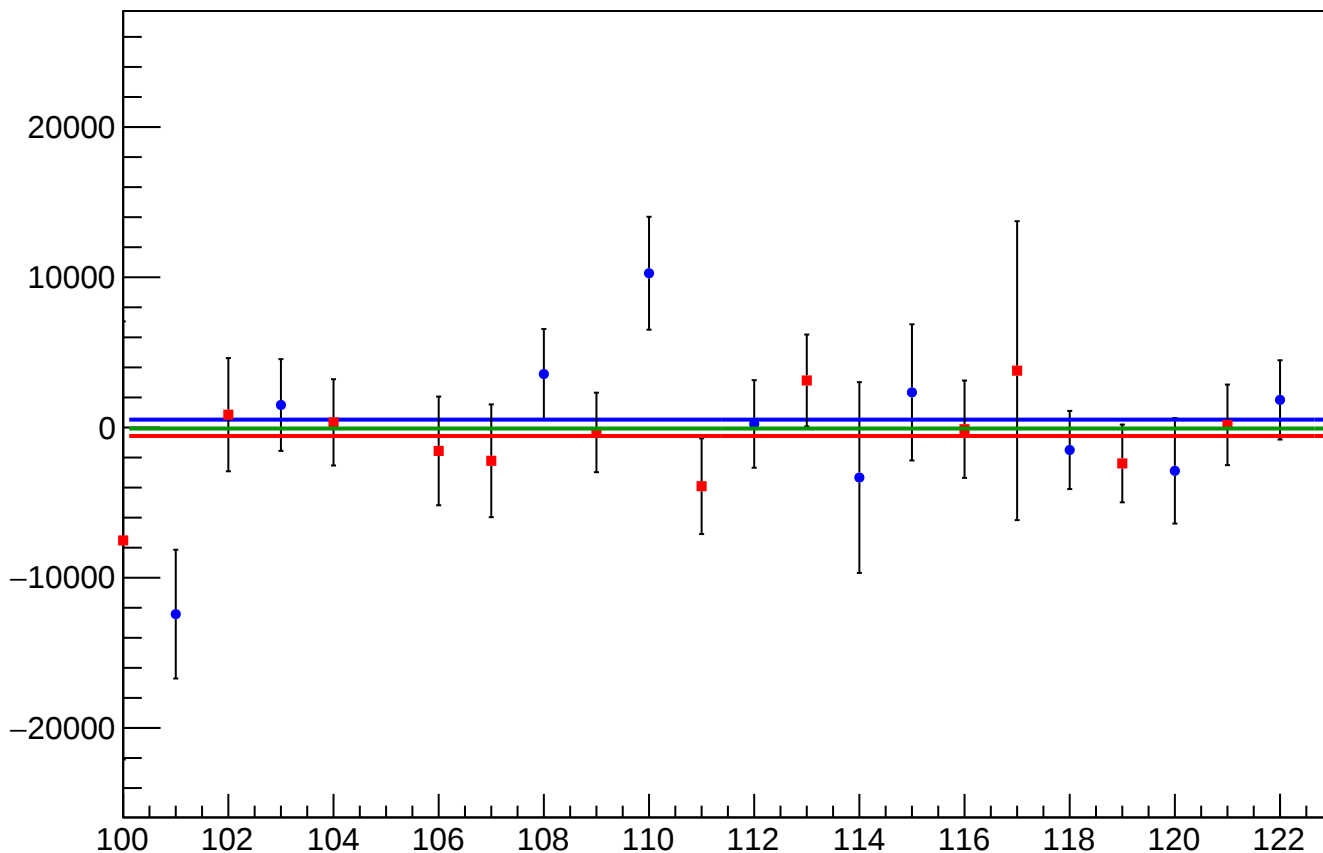
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3707.291+/-1.364 χ^2/NDF : 167812.6/10

3458.092+/-0.881 χ^2/NDF : 511691.2/22

3279.865+/-1.154 χ^2/NDF : 286645.2/11

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 524.797 $\pm$ 1048.904 χ^2 /NDF: 19.3/10

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

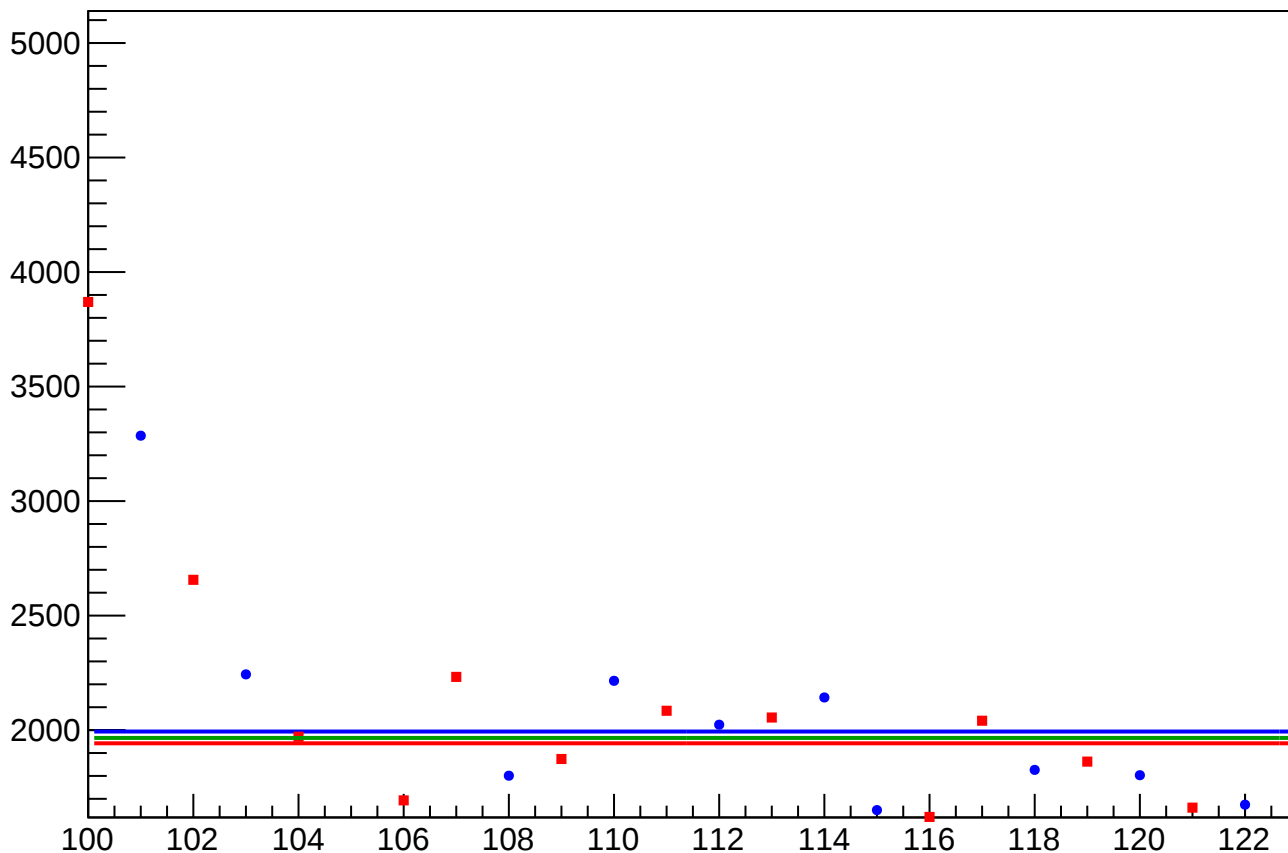
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

524.797 $\pm$ 1048.904 χ^2 /NDF: 19.3/10

-68.076 $\pm$ 708.036 χ^2 /NDF: 24.0/22

-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: 1993.854+/-0.742 χ^2/NDF : 293693.8/10

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

Right Out: 1942.448+/-0.679 χ^2/NDF : 180108.8/11

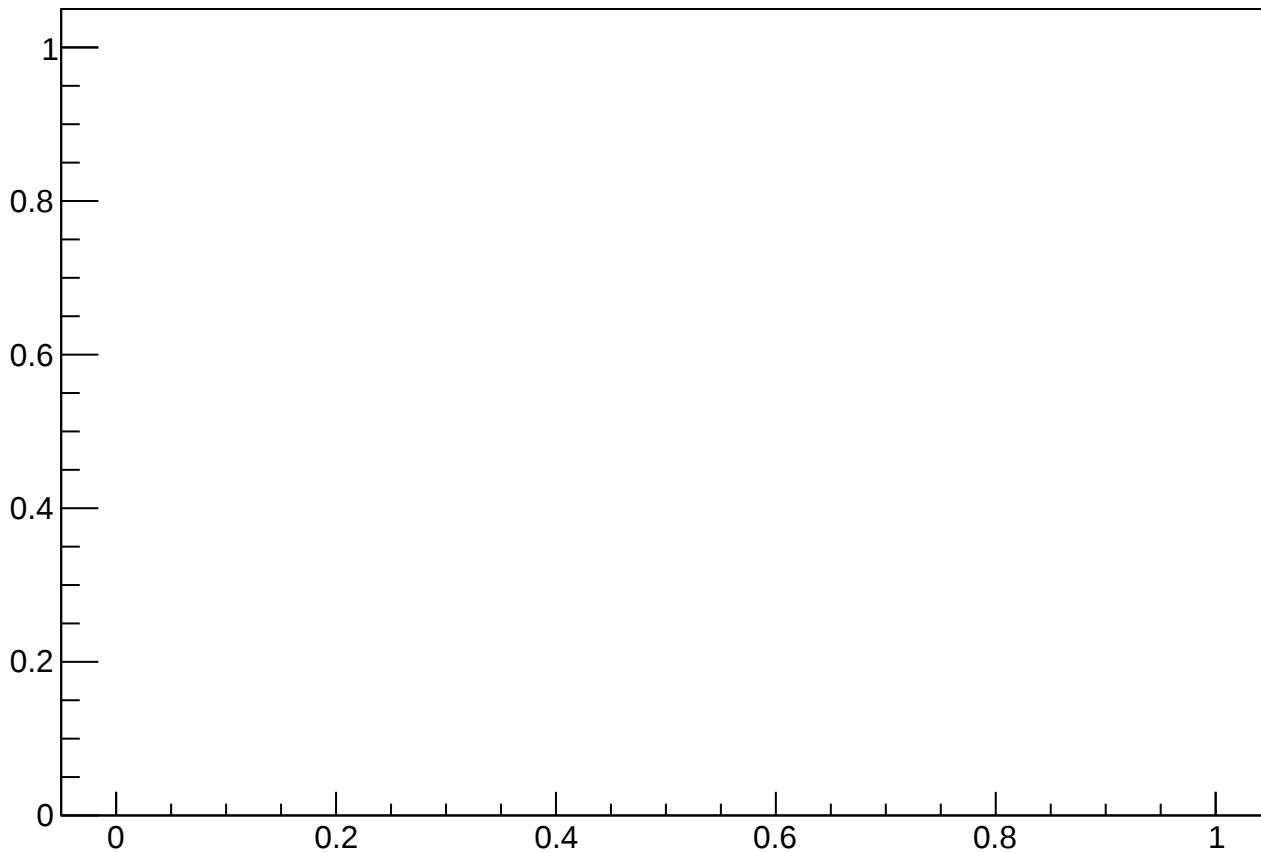
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1993.854+/-0.742 χ^2/NDF : 293693.8/10

1965.871+/-0.501 χ^2/NDF : 476417.6/22

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

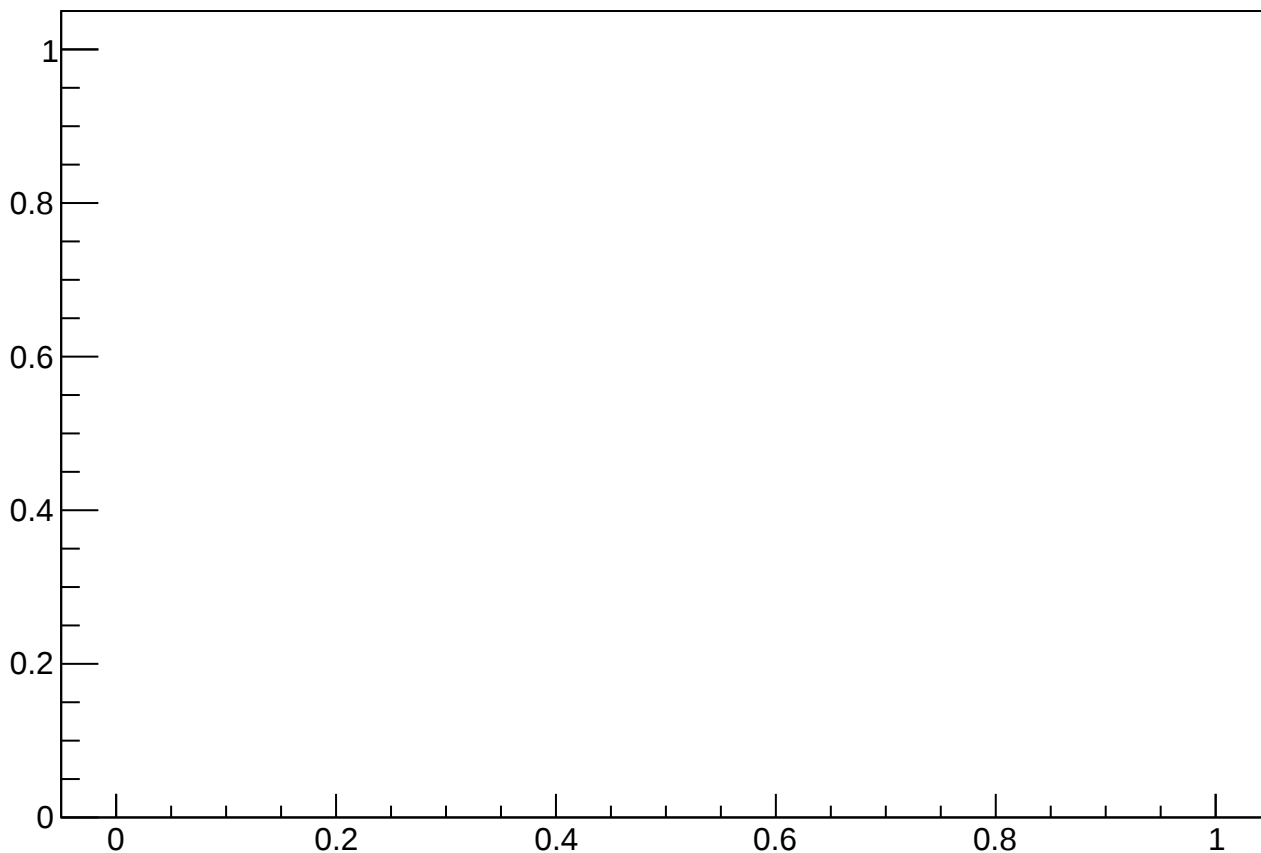
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

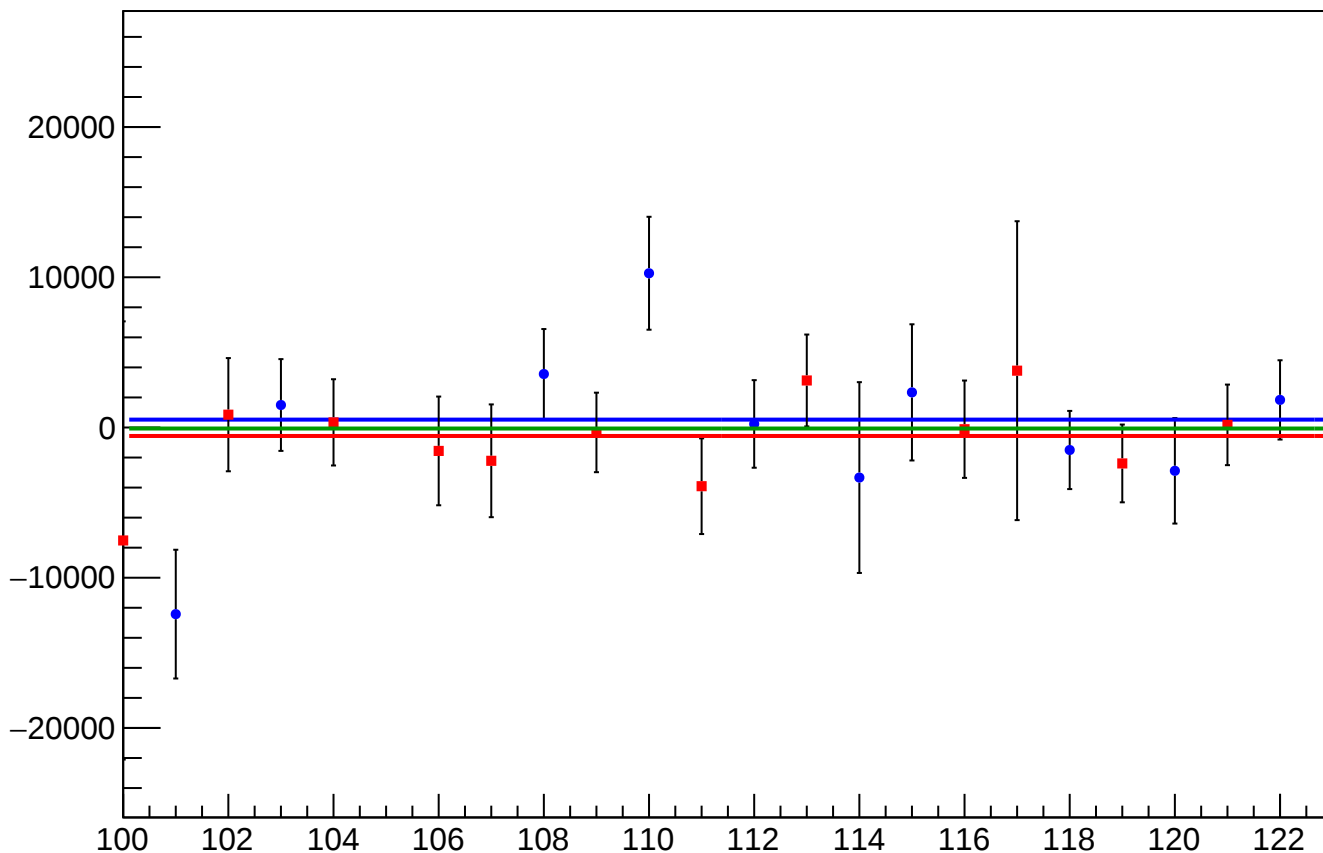
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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: 524.797 $\pm$ 1048.904 χ^2 /NDF: 19.3/10

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

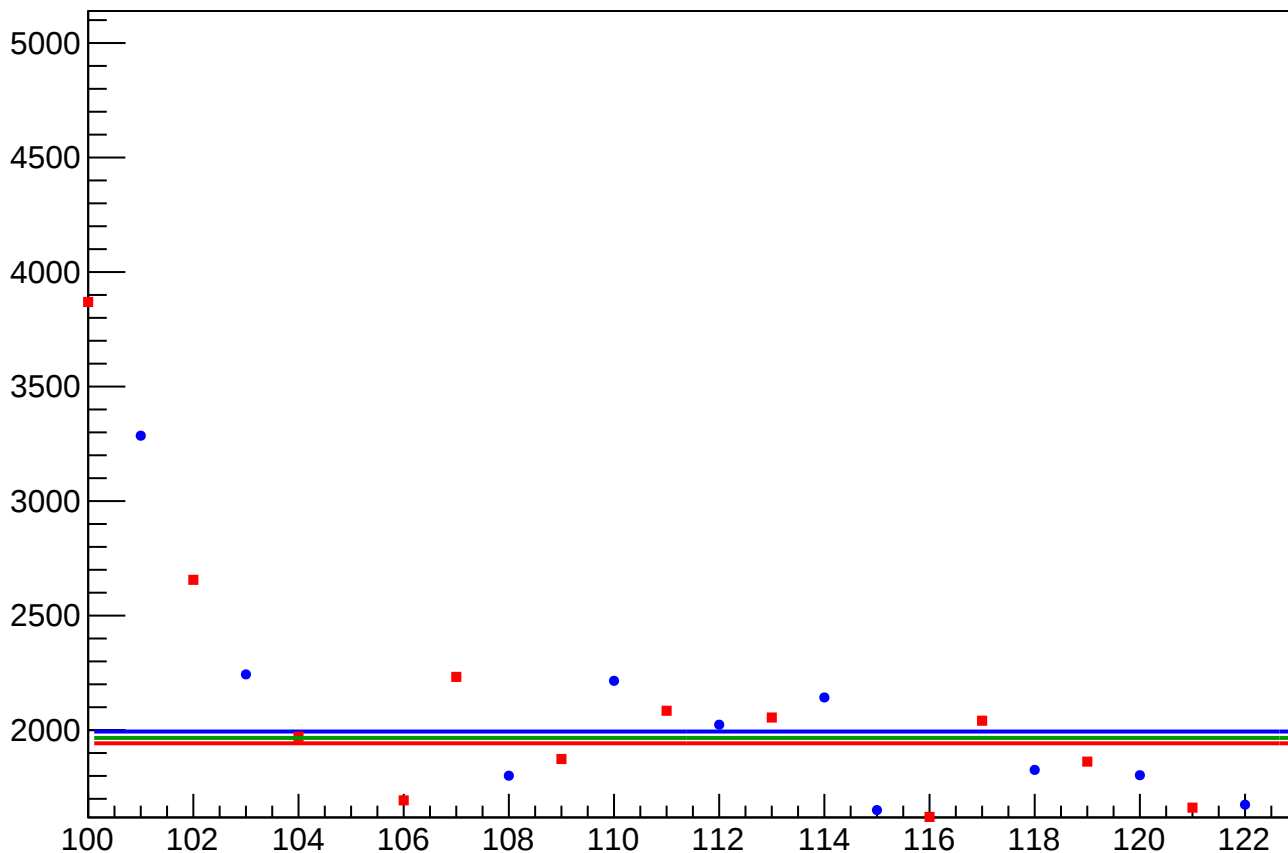
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

524.797 $\pm$ 1048.904 χ^2 /NDF: 19.3/10

-68.076 $\pm$ 708.036 χ^2 /NDF: 24.0/22

-564.359 $\pm$ 959.664 χ^2 /NDF: 4.1/11

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1993.854+/-0.742 χ^2/NDF : 293693.8/10

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

Right Out: 1942.448+/-0.679 χ^2/NDF : 180108.8/11

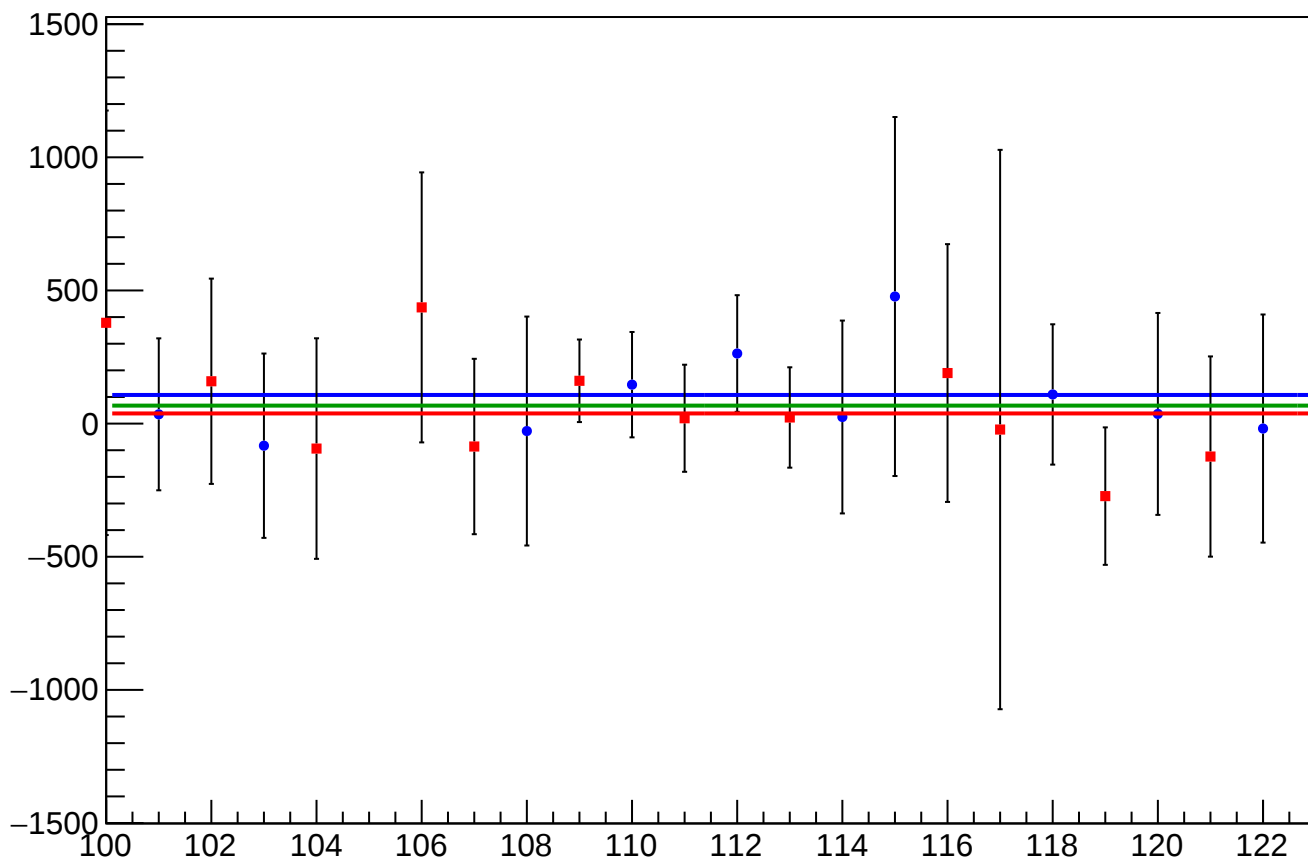
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1993.854+/-0.742 χ^2/NDF : 293693.8/10

1965.871+/-0.501 χ^2/NDF : 476417.6/22

1942.448+/-0.679 χ^2/NDF : 180108.8/11

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 107.567 $\pm$ 95.562 χ^2 /NDF: 1.5/10

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

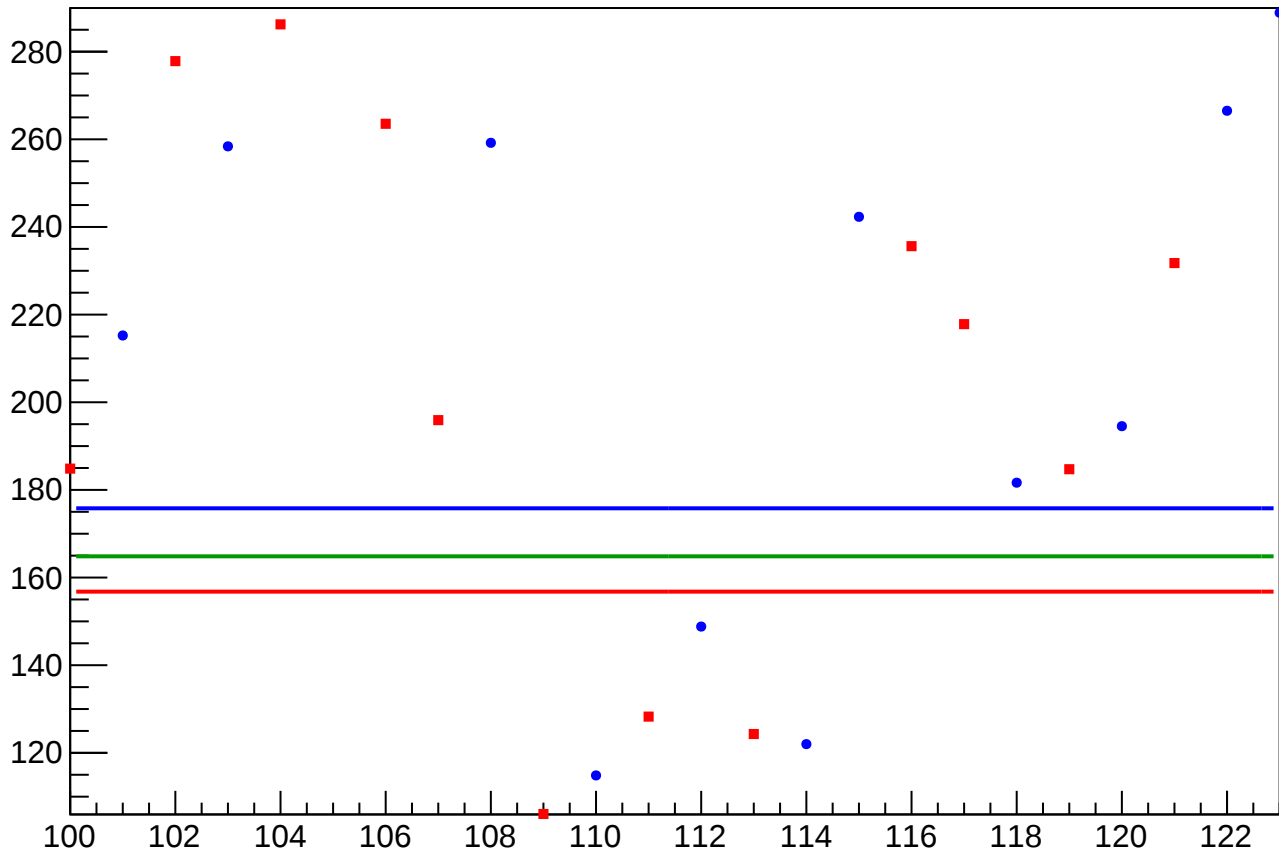
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

107.567 $\pm$ 95.562 χ^2 /NDF: 1.5/10

67.556 $\pm$ 62.196 χ^2 /NDF: 5.3/22

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: 175.802 $\pm$ 0.068 χ^2 /NDF: 617897.8/10

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

Right Out: 156.788 $\pm$ 0.058 χ^2 /NDF: 988701.7/11

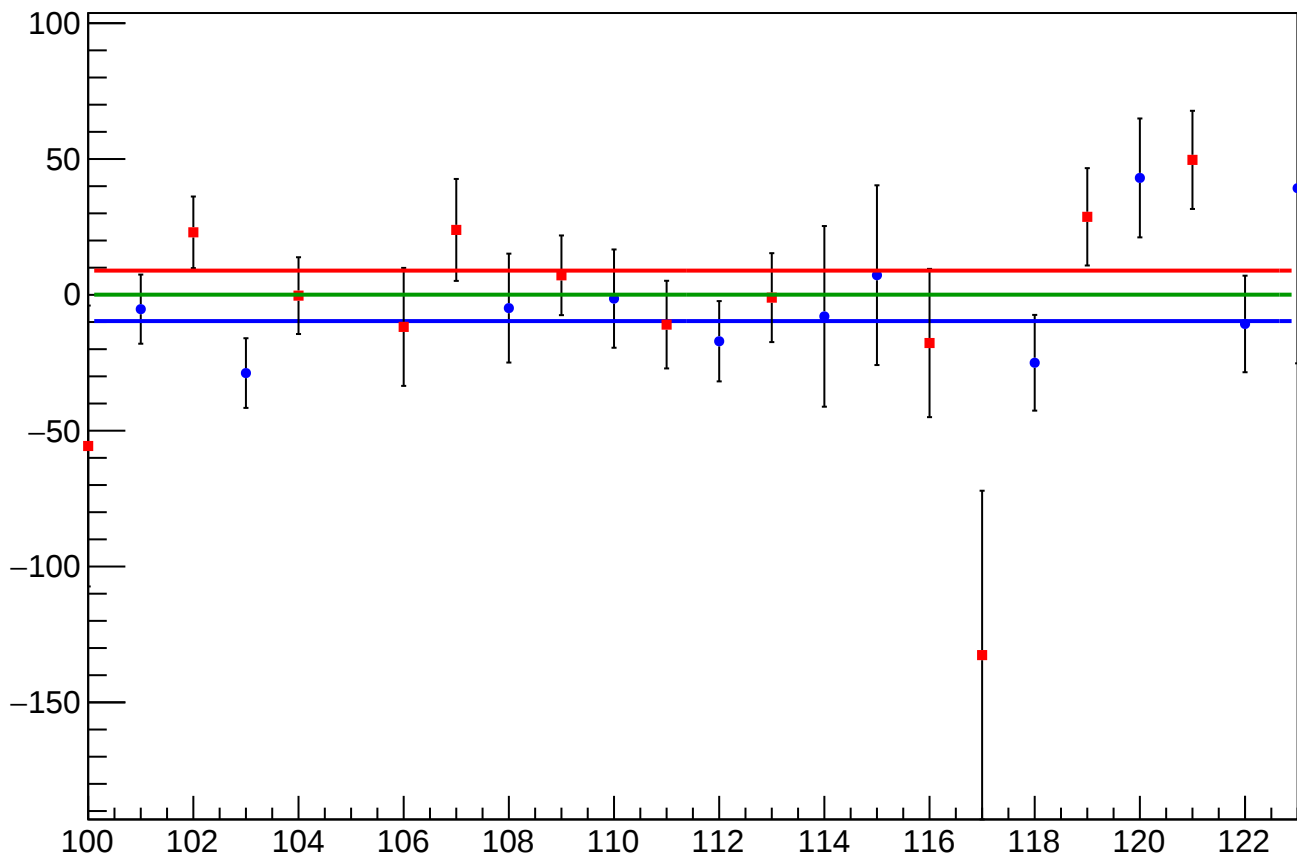
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

175.802 $\pm$ 0.068 χ^2 /NDF: 617897.8/10

164.842 $\pm$ 0.044 χ^2 /NDF: 1652237.9/22

156.788 $\pm$ 0.058 χ^2 /NDF: 988701.7/11

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -9.652+/-5.512 χ^2/NDF : 10.3/10

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

Right Out: 8.927+/-5.261 χ^2/NDF : 19.3/11

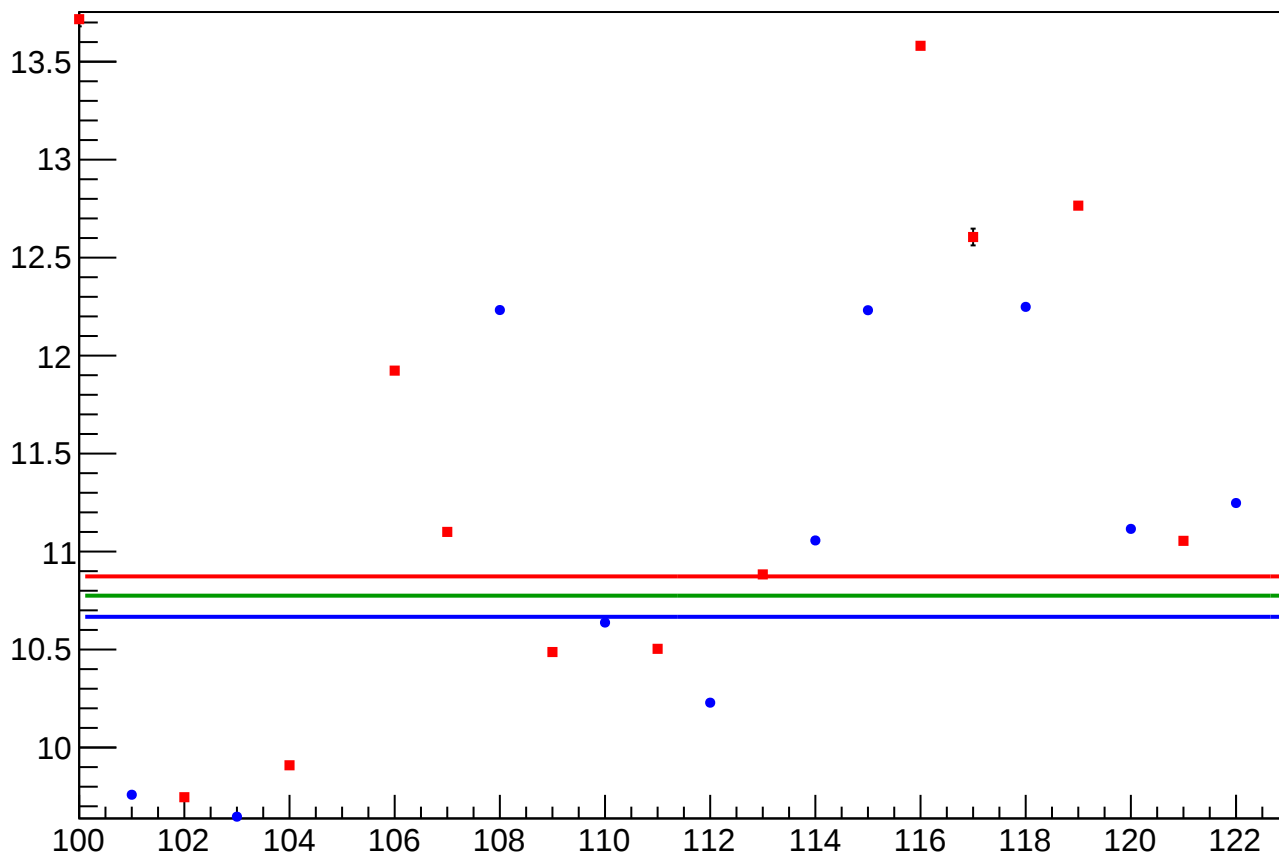
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-9.652+/-5.512 χ^2/NDF : 10.3/10

0.069+/-3.806 χ^2/NDF : 35.5/22

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: 10.667 $\pm$ 0.004 χ^2 /NDF: 61711.6/10

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

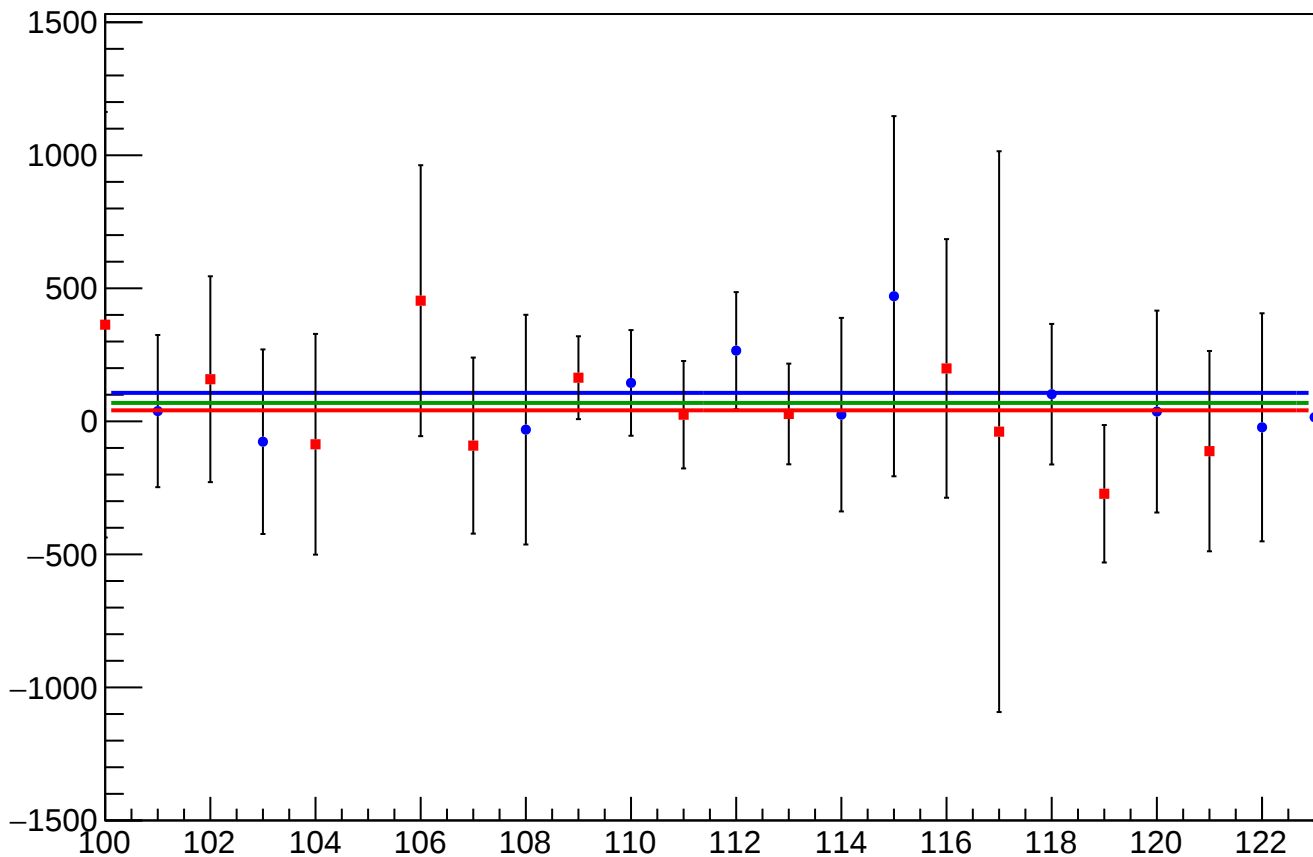
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

10.667 $\pm$ 0.004 χ^2 /NDF: 61711.6/10

10.775 $\pm$ 0.003 χ^2 /NDF: 144407.4/22

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: 107.040 $\pm$ 95.843 χ^2 /NDF: 1.5/10

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

Right Out: 41.448 $\pm$ 82.215 χ^2 /NDF: 3.5/11

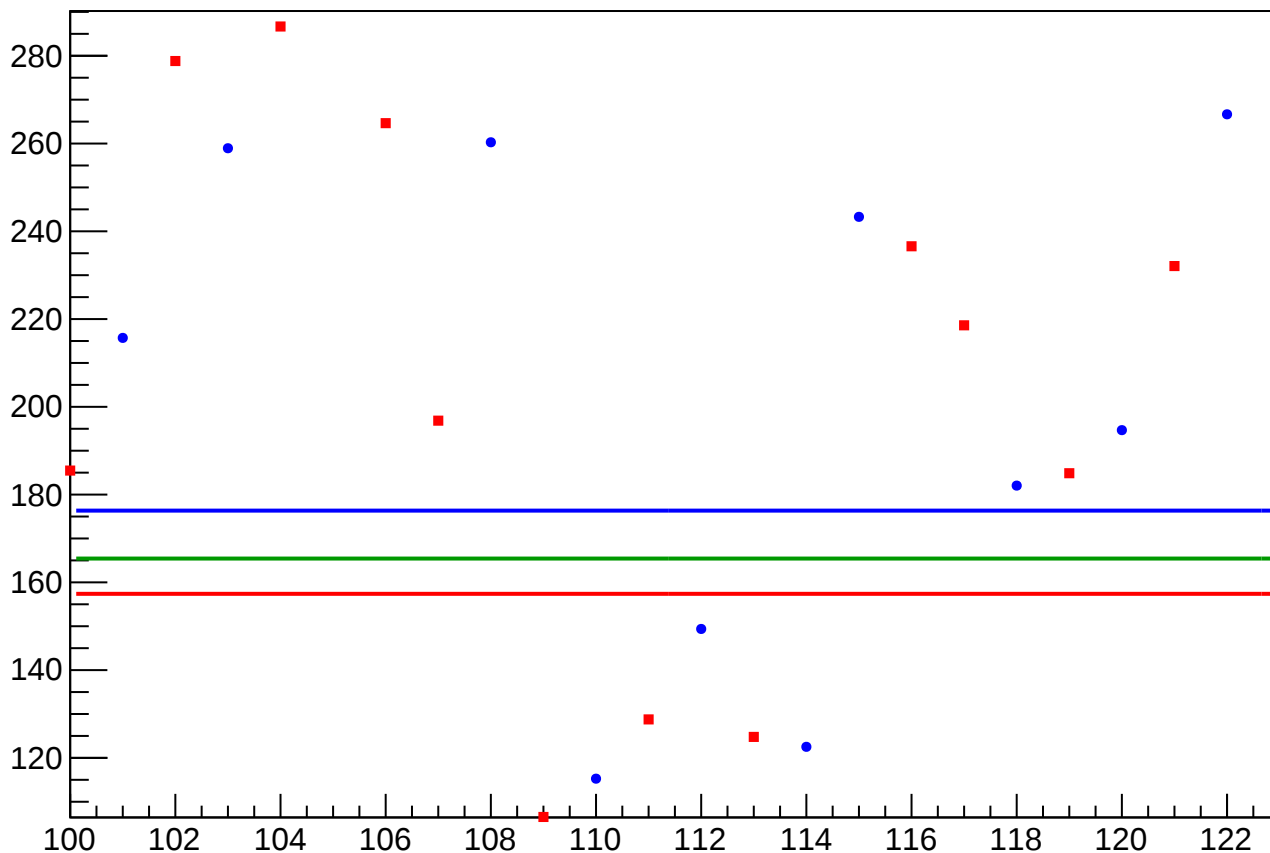
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

107.040 $\pm$ 95.843 χ^2 /NDF: 1.5/10

69.253 $\pm$ 62.402 χ^2 /NDF: 5.3/22

41.448 $\pm$ 82.215 χ^2 /NDF: 3.5/11

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 176.348+/-0.068 χ^2/NDF : 615166.5/10

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

Right Out: 157.385+/-0.058 χ^2/NDF : 985222.8/11

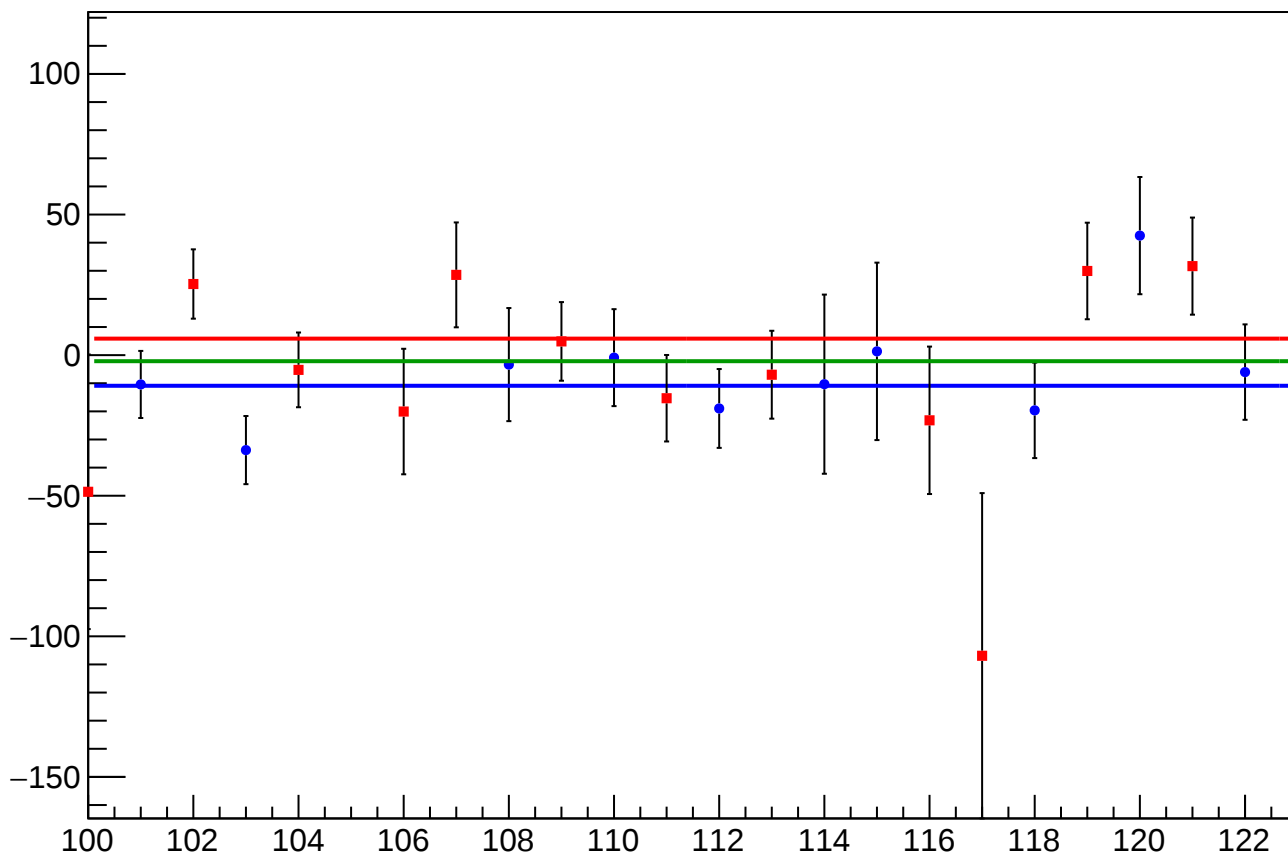
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

176.348+/-0.068 χ^2/NDF : 615166.5/10

165.424+/-0.044 χ^2/NDF : 1645496.8/22

157.385+/-0.058 χ^2/NDF : 985222.8/11

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -10.895 ± 5.252 $\chi^2/\text{NDF}: 12.8/10$

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

Right Out: 5.874 ± 5.033 $\chi^2/\text{NDF}: 19.1/11$

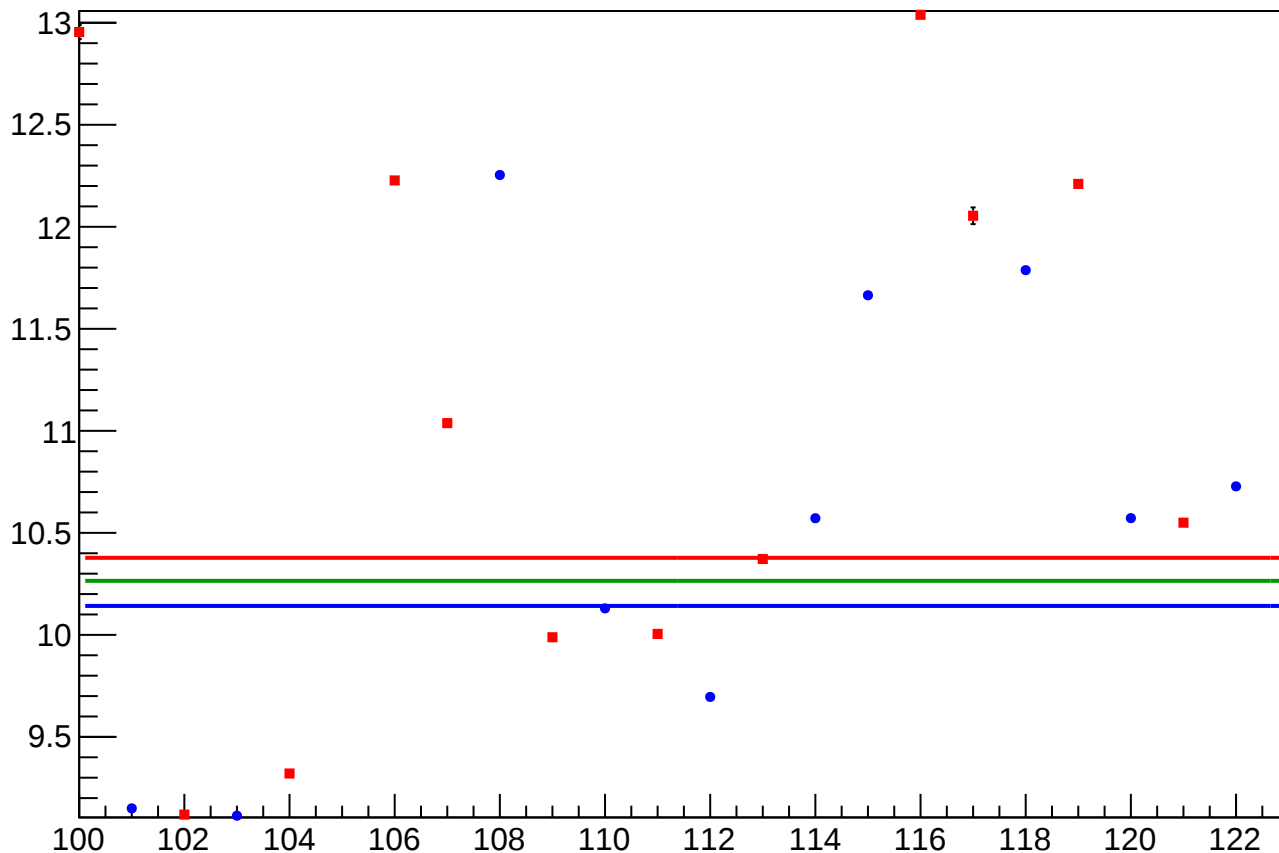
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-10.895 ± 5.252 $\chi^2/\text{NDF}: 12.8/10$

-2.154 ± 3.634 $\chi^2/\text{NDF}: 37.2/22$

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: 10.142+/-0.004 χ^2/NDF : 80439.9/10

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

Right Out: 10.378+/-0.004 χ^2/NDF : 103300.2/11

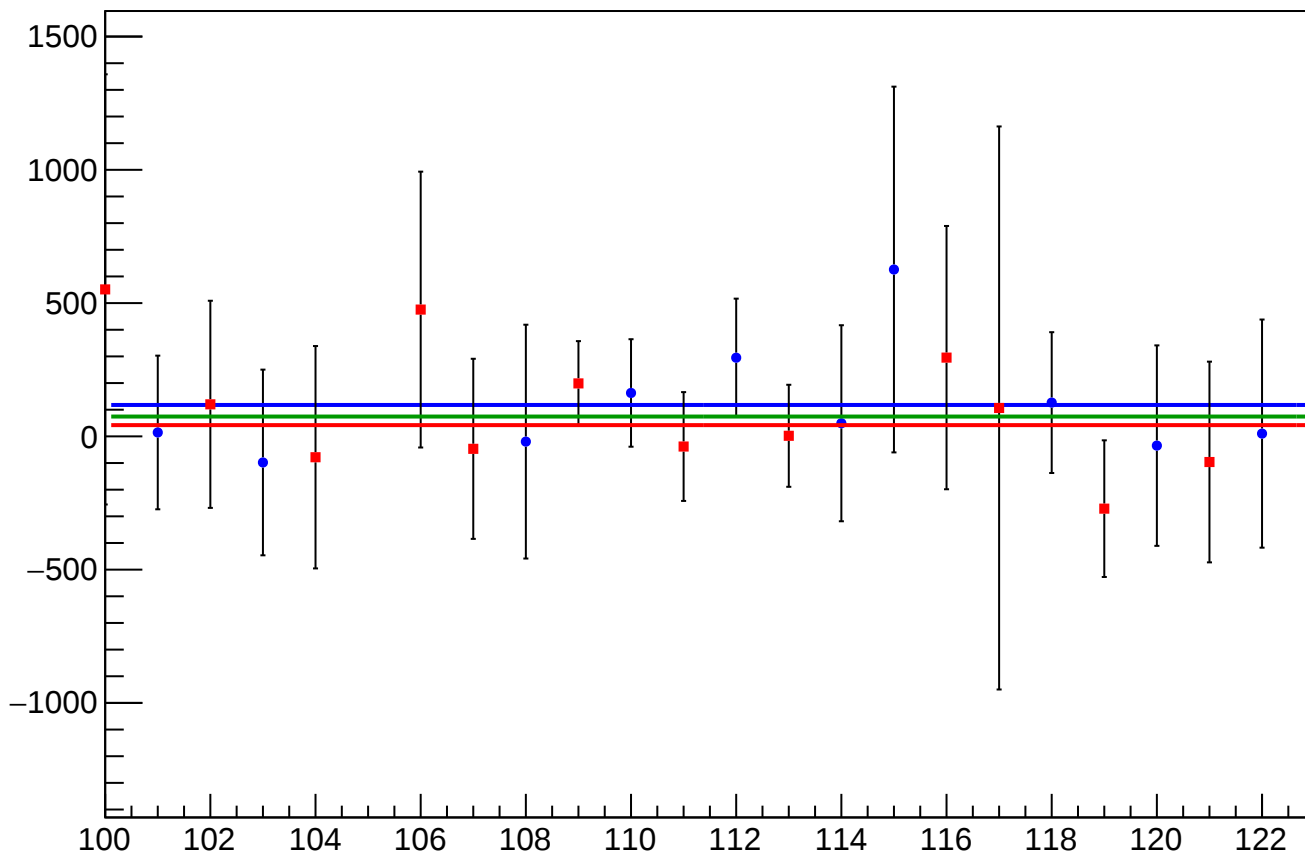
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.142+/-0.004 χ^2/NDF : 80439.9/10

10.265+/-0.003 χ^2/NDF : 185841.9/22

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: 117.828 $\pm$ 96.564 χ^2 /NDF: 2.1/10

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

Right Out: 42.175 $\pm$ 83.129 χ^2 /NDF: 4.4/11

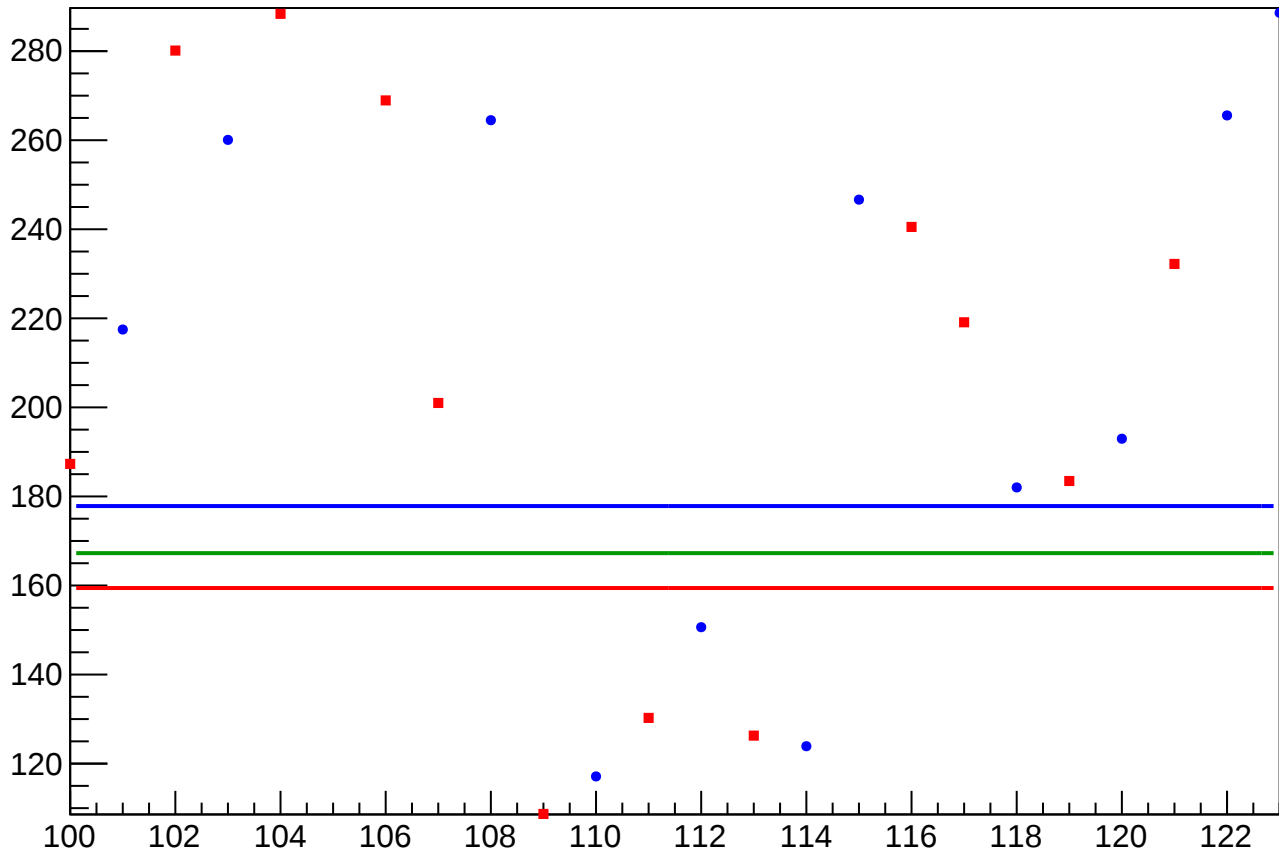
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

117.828 $\pm$ 96.564 χ^2 /NDF: 2.1/10

74.377 $\pm$ 63.000 χ^2 /NDF: 6.8/22

42.175 $\pm$ 83.129 χ^2 /NDF: 4.4/11

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 177.839+/-0.068 χ^2/NDF : 600431.4/10

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

Right Out: 159.431+/-0.059 χ^2/NDF : 964336.5/11

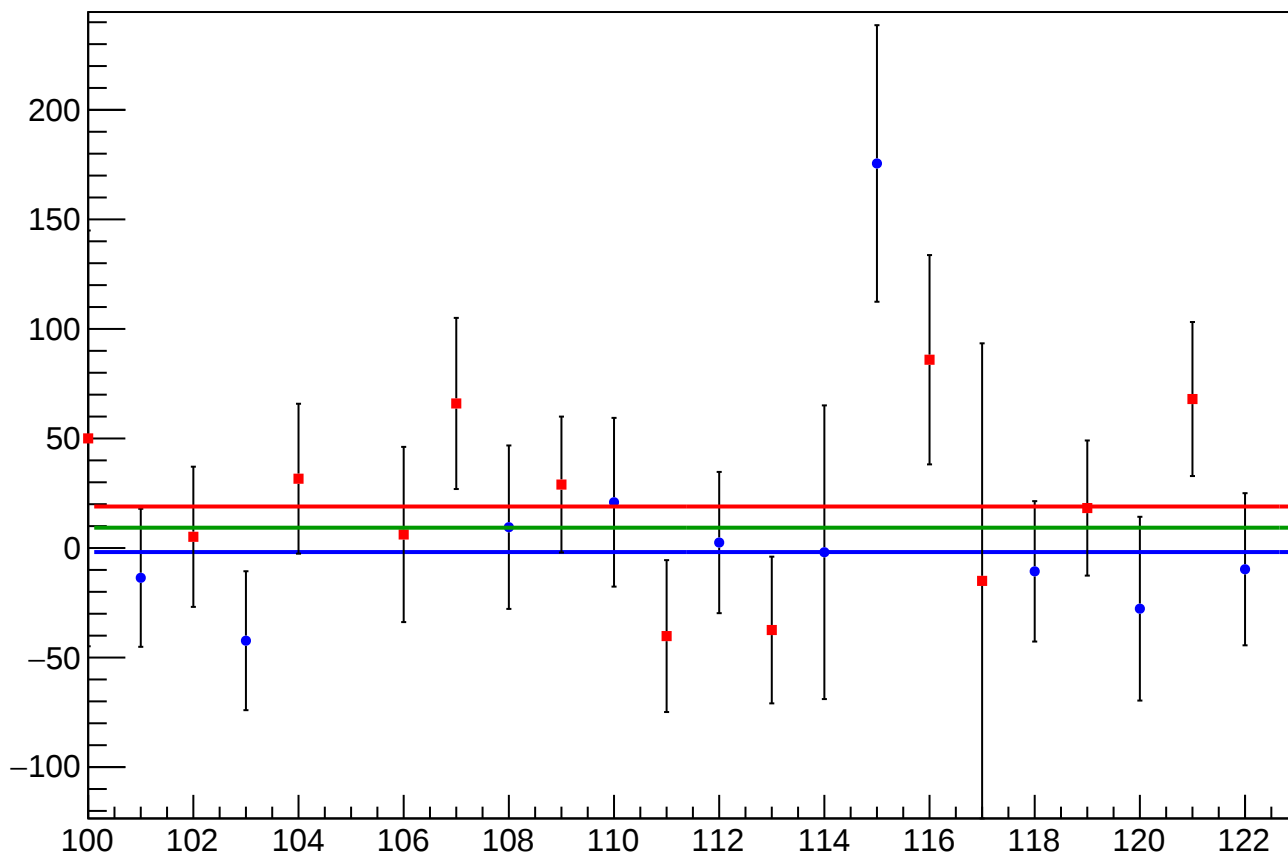
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

177.839+/-0.068 χ^2/NDF : 600431.4/10

167.267+/-0.045 χ^2/NDF : 1606511.2/22

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: -1.845 ± 11.723 $\chi^2/\text{NDF}: 11.9/10$

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

Right Out: 18.945 ± 10.931 $\chi^2/\text{NDF}: 11.8/11$

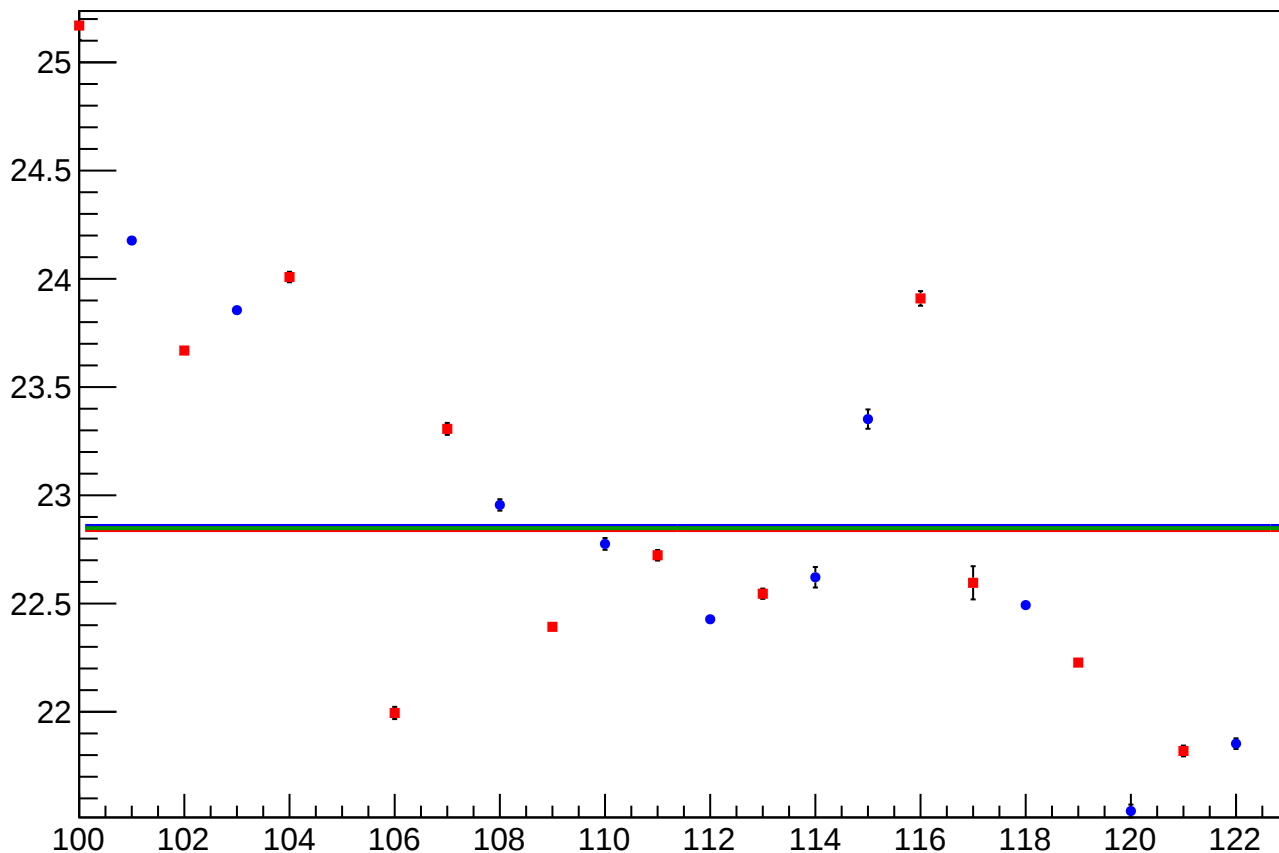
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-1.845 ± 11.723 $\chi^2/\text{NDF}: 11.9/10$

9.277 ± 7.994 $\chi^2/\text{NDF}: 25.4/22$

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: 22.858+/-0.008 χ^2/NDF : 9990.8/10

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

Right Out: 22.840+/-0.008 χ^2/NDF : 10142.1/11

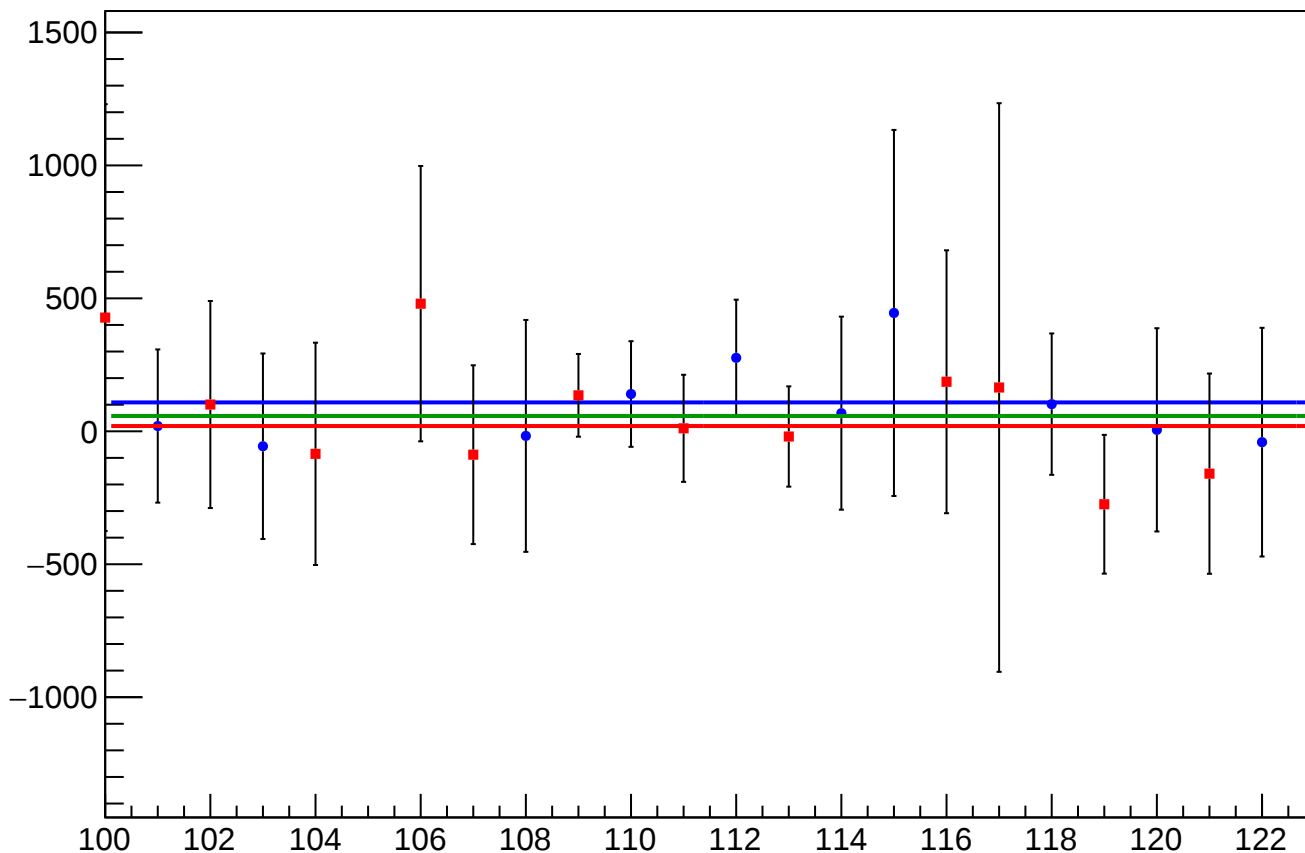
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.858+/-0.008 χ^2/NDF : 9990.8/10

22.848+/-0.006 χ^2/NDF : 20135.6/22

22.840+/-0.008 χ^2/NDF : 10142.1/11

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 108.627 $\pm$ 96.086 χ^2 /NDF: 1.5/10

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

Right Out: 19.809 $\pm$ 82.425 χ^2 /NDF: 3.5/11

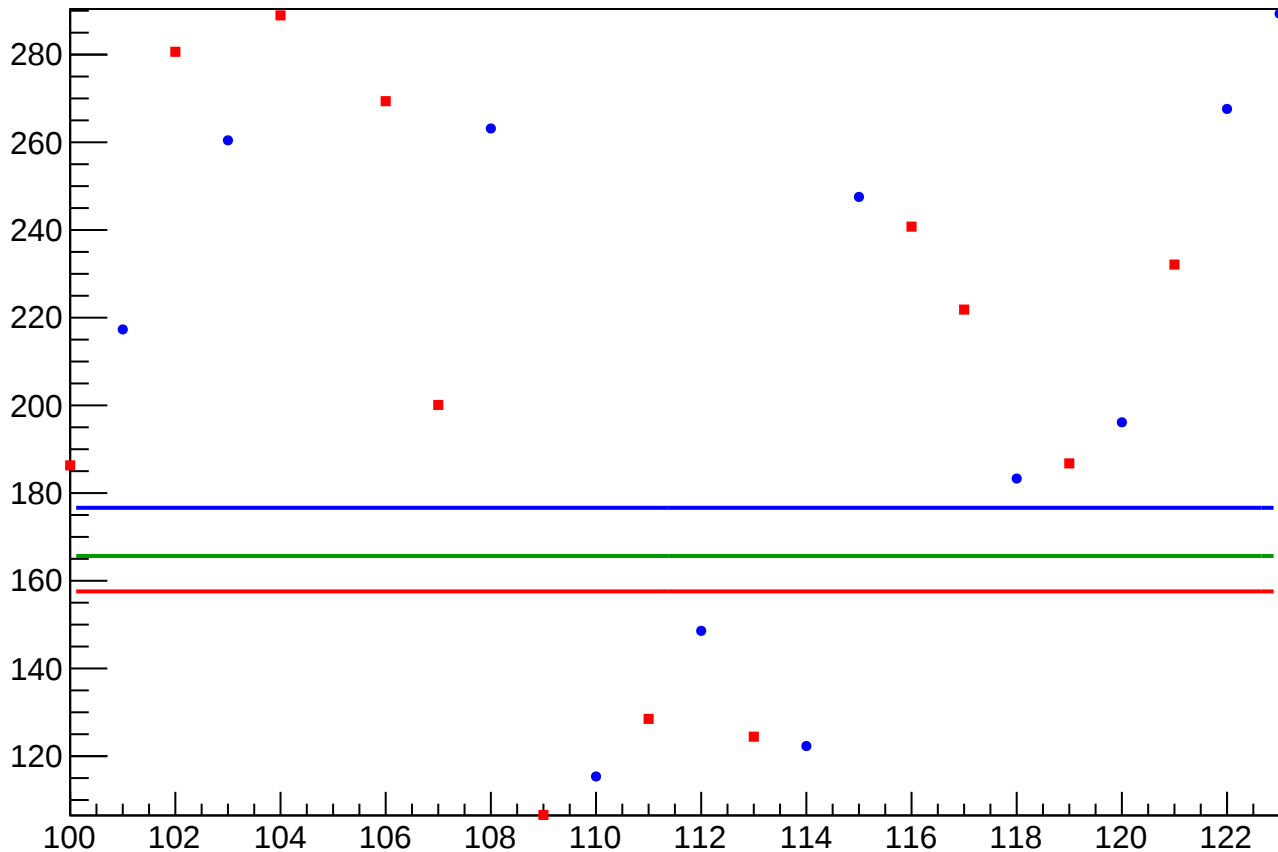
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

108.627 $\pm$ 96.086 χ^2 /NDF: 1.5/10

57.461 $\pm$ 62.560 χ^2 /NDF: 5.4/22

19.809 $\pm$ 82.425 χ^2 /NDF: 3.5/11

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 176.640 $\pm$ 0.068 χ^2 /NDF: 630231.7/10

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

Right Out: 157.572 $\pm$ 0.058 χ^2 /NDF: 1010414.2/11

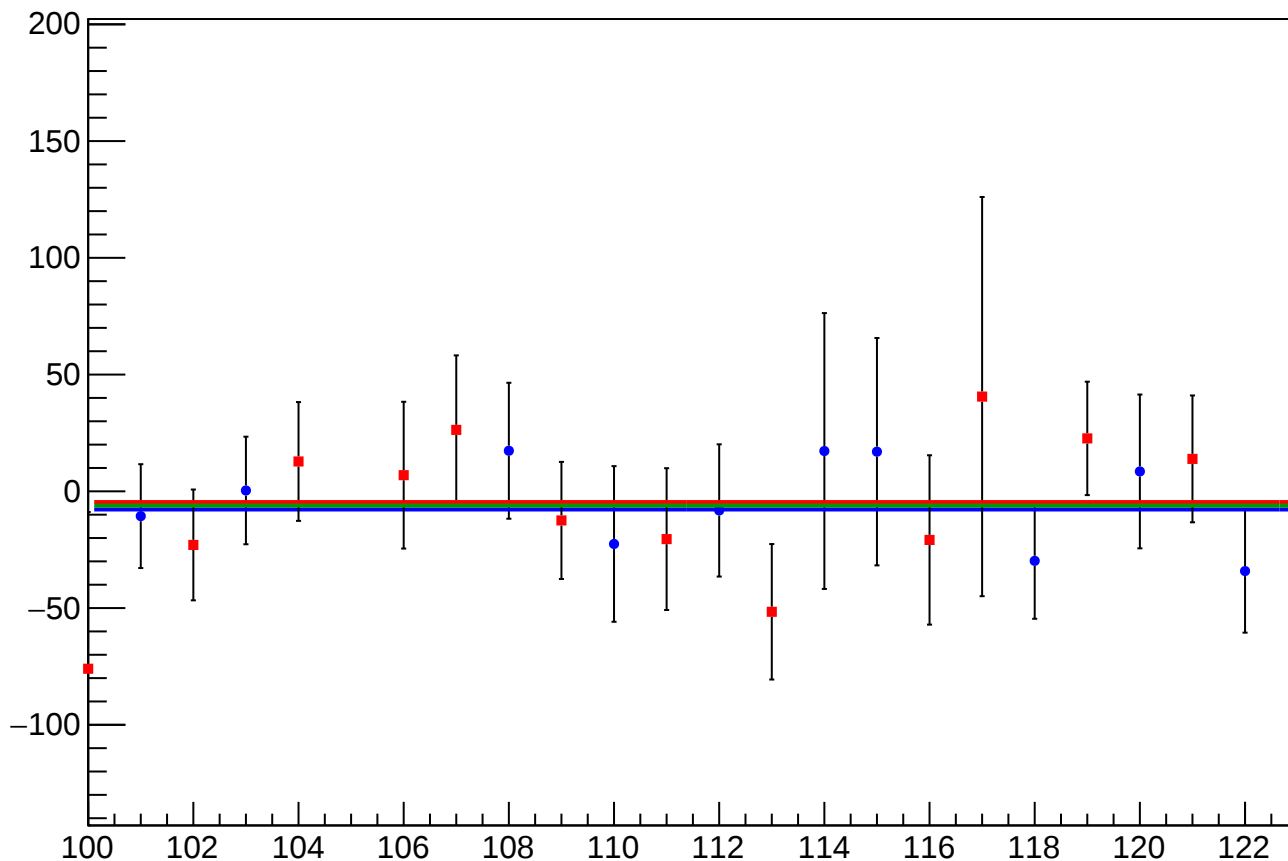
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

176.640 $\pm$ 0.068 χ^2 /NDF: 630231.7/10

165.655 $\pm$ 0.044 χ^2 /NDF: 1686023.8/22

157.572 $\pm$ 0.058 χ^2 /NDF: 1010414.2/11

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.778+/-9.108 χ^2 /NDF: 5.4/10

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

Right Out: -4.598+/-8.655 χ^2 /NDF: 8.5/11

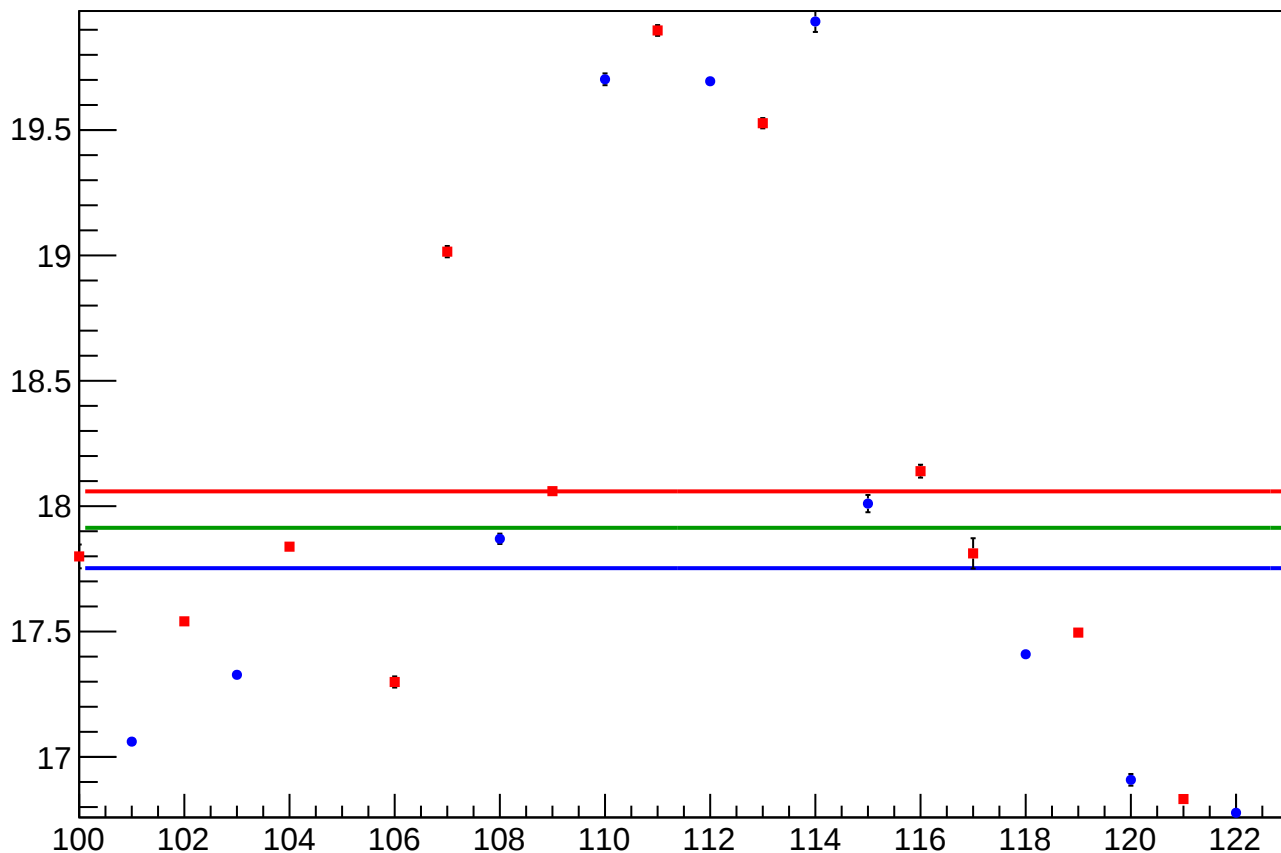
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-7.778+/-9.108 χ^2 /NDF: 5.4/10

-6.107+/-6.274 χ^2 /NDF: 14.0/22

-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: 17.753+/-0.006 χ^2/NDF : 26298.8/10

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

Right Out: 18.059+/-0.006 χ^2/NDF : 21738.9/11

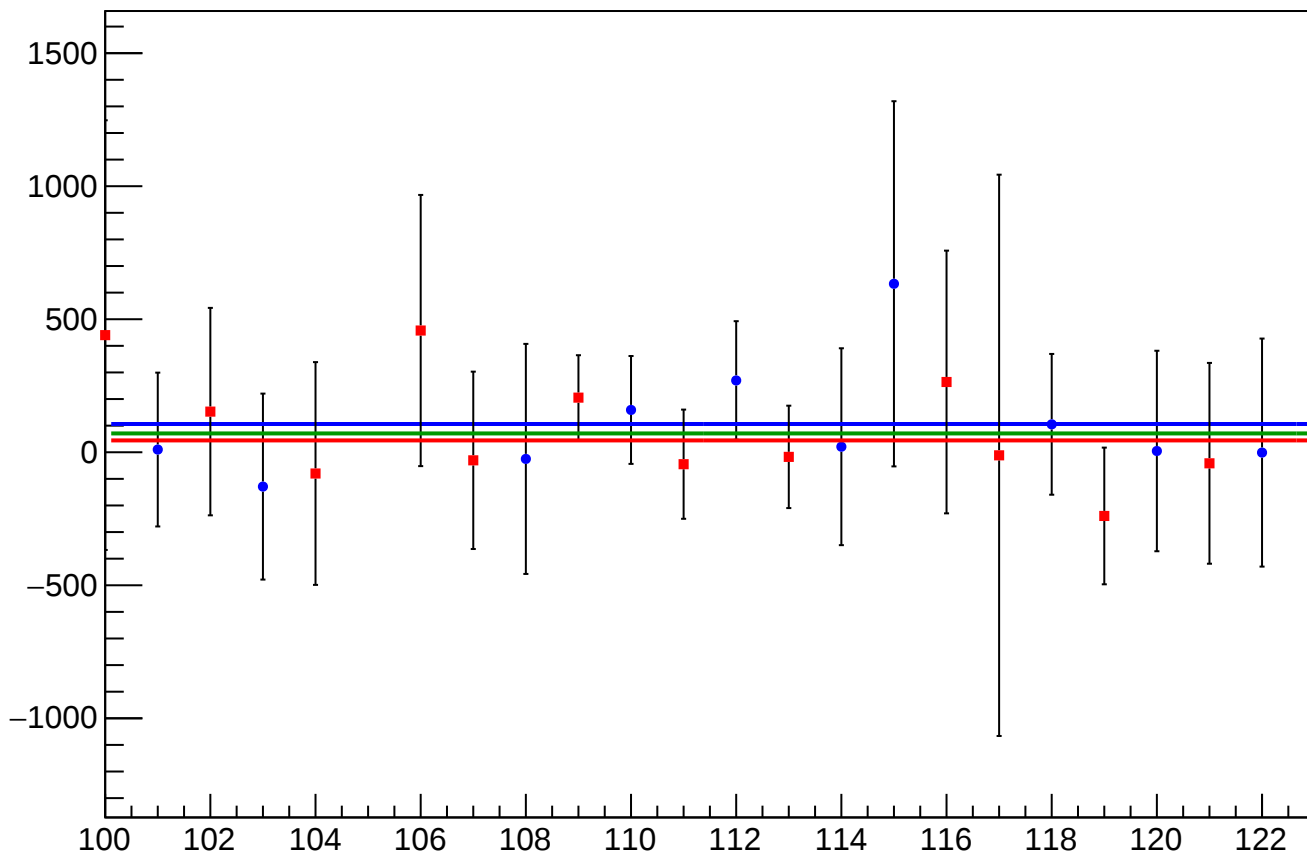
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.753+/-0.006 χ^2/NDF : 26298.8/10

17.914+/-0.004 χ^2/NDF : 49226.0/22

18.059+/-0.006 χ^2/NDF : 21738.9/11

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 106.189+/-96.846 χ^2/NDF : 2.0/10

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

Right Out: 44.503+/-83.354 χ^2/NDF : 3.9/11

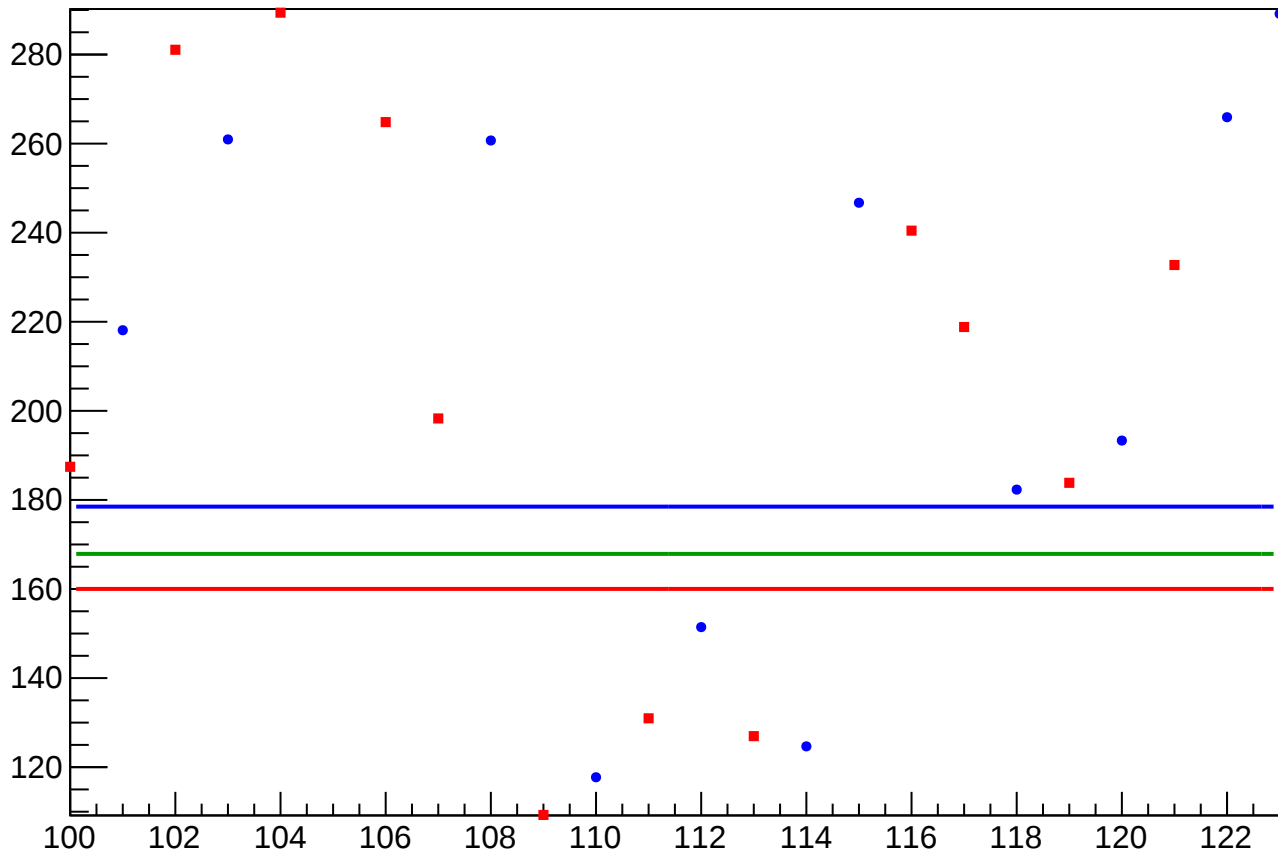
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

106.189+/-96.846 χ^2/NDF : 2.0/10

70.753+/-63.176 χ^2/NDF : 6.2/22

44.503+/-83.354 χ^2/NDF : 3.9/11

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 178.498 $\pm$ 0.068 χ^2 /NDF: 589822.8/10

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

Right Out: 160.022 $\pm$ 0.059 χ^2 /NDF: 949569.7/11

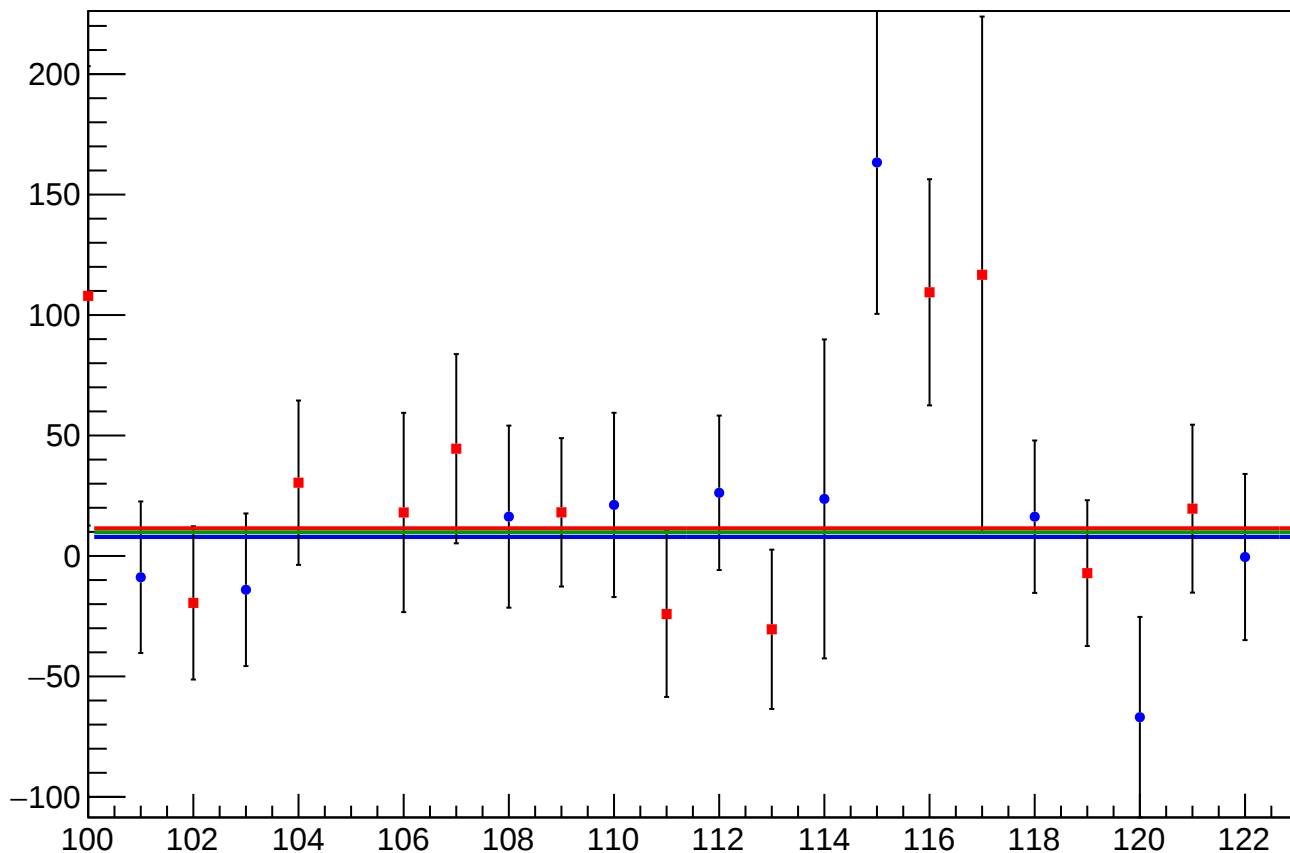
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

178.498 $\pm$ 0.068 χ^2 /NDF: 589822.8/10

167.884 $\pm$ 0.045 χ^2 /NDF: 1581205.3/22

160.022 $\pm$ 0.059 χ^2 /NDF: 949569.7/11

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 7.875+/-11.672 χ^2 /NDF: 11.1/10

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

Right Out: 11.497+/-10.872 χ^2 /NDF: 11.5/11

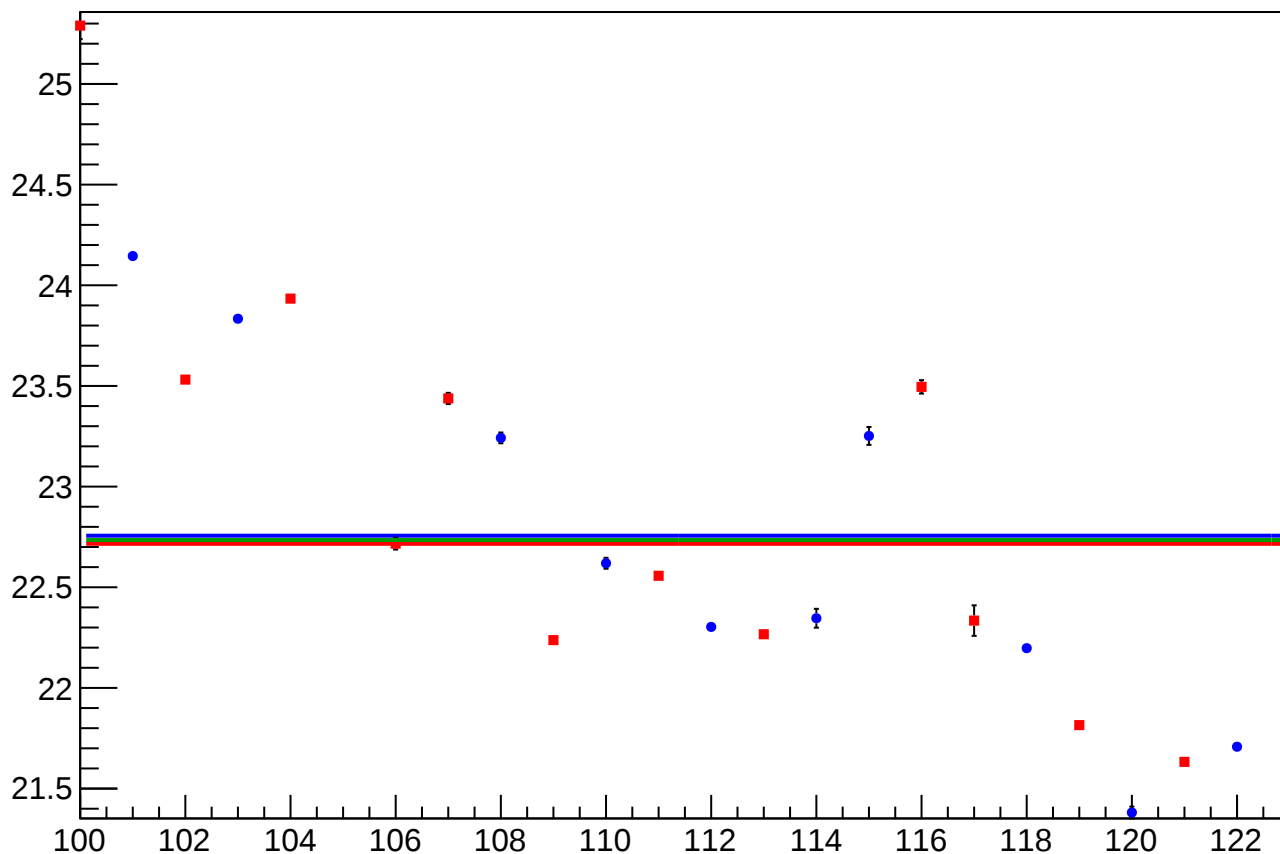
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

7.875+/-11.672 χ^2 /NDF: 11.1/10

9.814+/-7.955 χ^2 /NDF: 22.6/22

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: 22.756+/-0.008 χ^2/NDF : 11996.0/10

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

Right Out: 22.716+/-0.008 χ^2/NDF : 11173.5/11

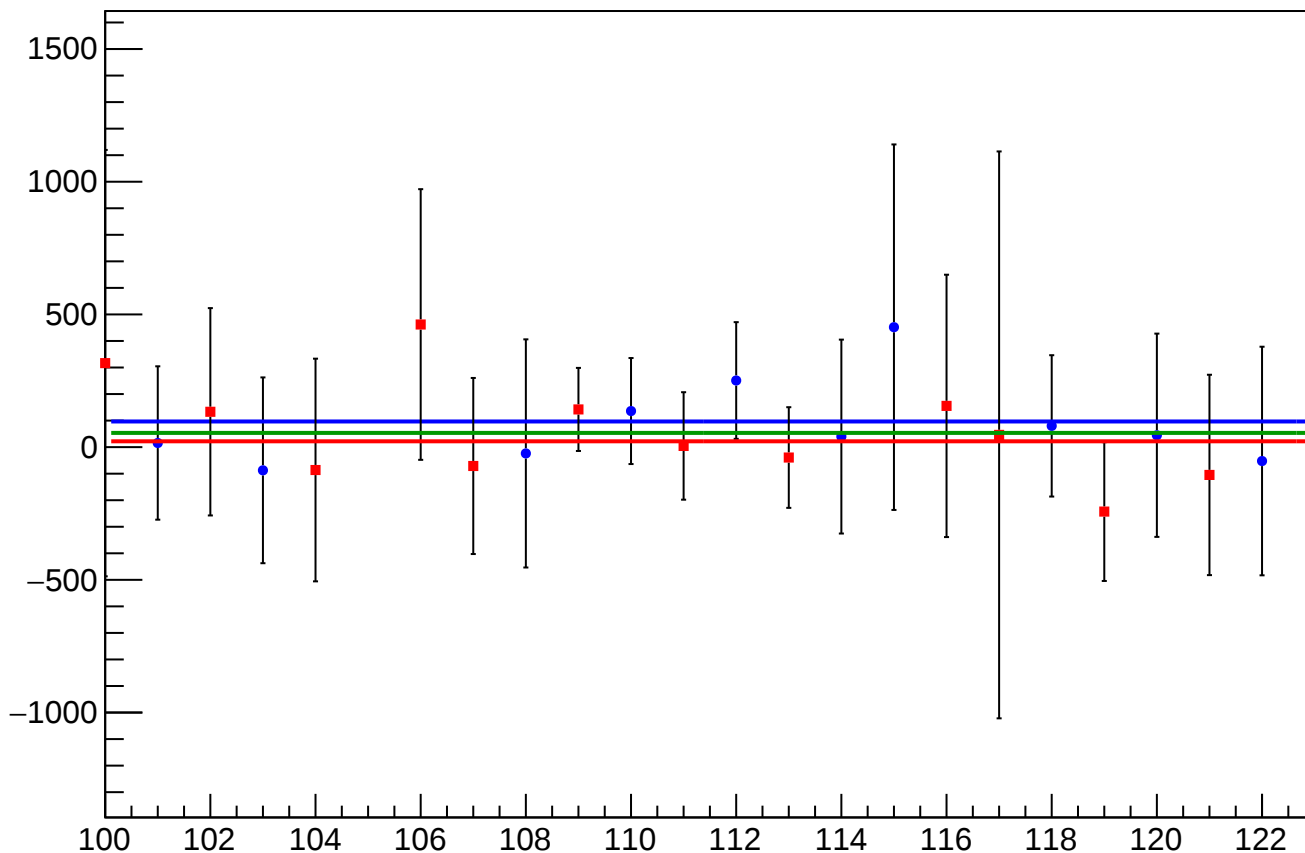
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.756+/-0.008 χ^2/NDF : 11996.0/10

22.735+/-0.006 χ^2/NDF : 23182.3/22

22.716+/-0.008 χ^2/NDF : 11173.5/11

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 96.681+/-96.373 χ^2/NDF : 1.4/10

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

Right Out: 21.955+/-82.655 χ^2/NDF : 3.0/11

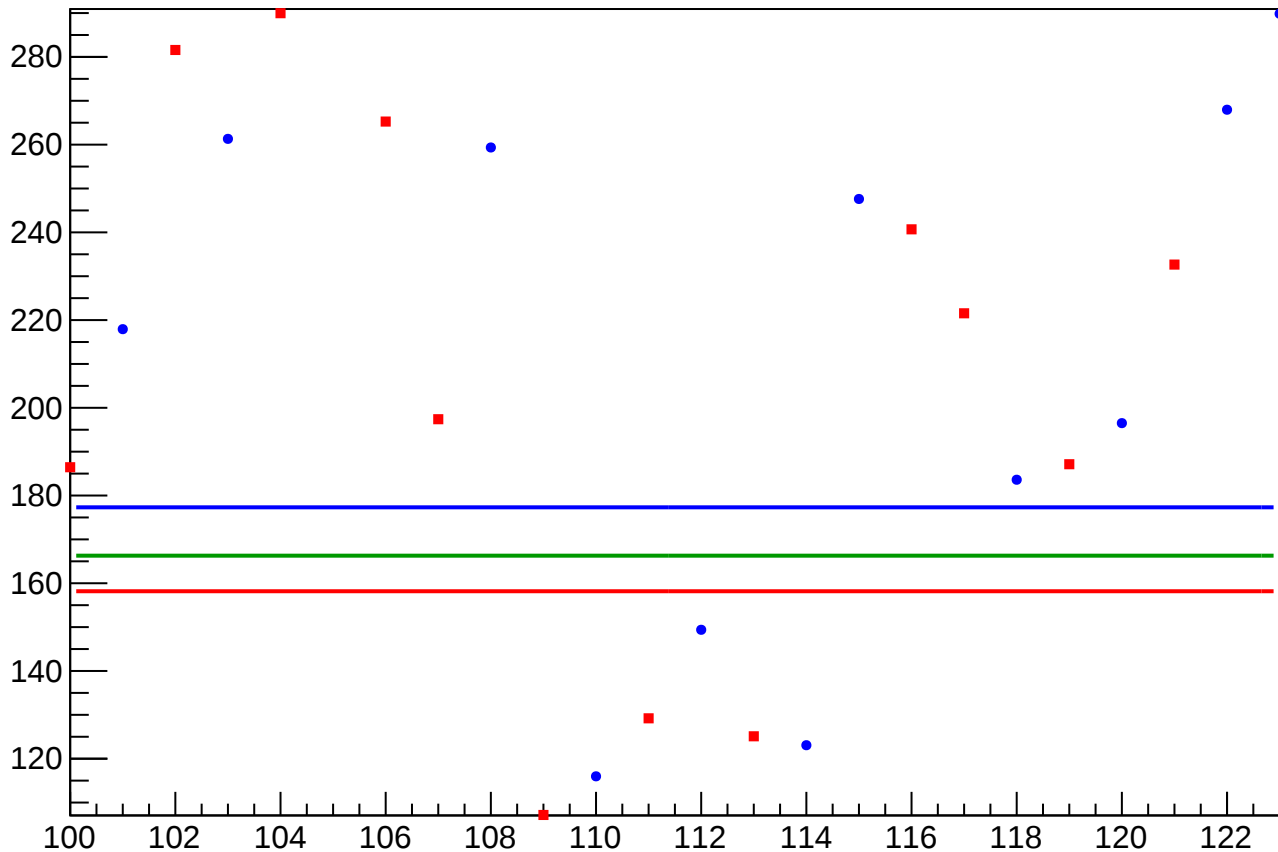
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

96.681+/-96.373 χ^2/NDF : 1.4/10

53.626+/-62.740 χ^2/NDF : 4.8/22

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: 177.311+/-0.068 χ^2/NDF : 619140.7/10

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

Right Out: 158.179+/-0.058 χ^2/NDF : 995053.1/11

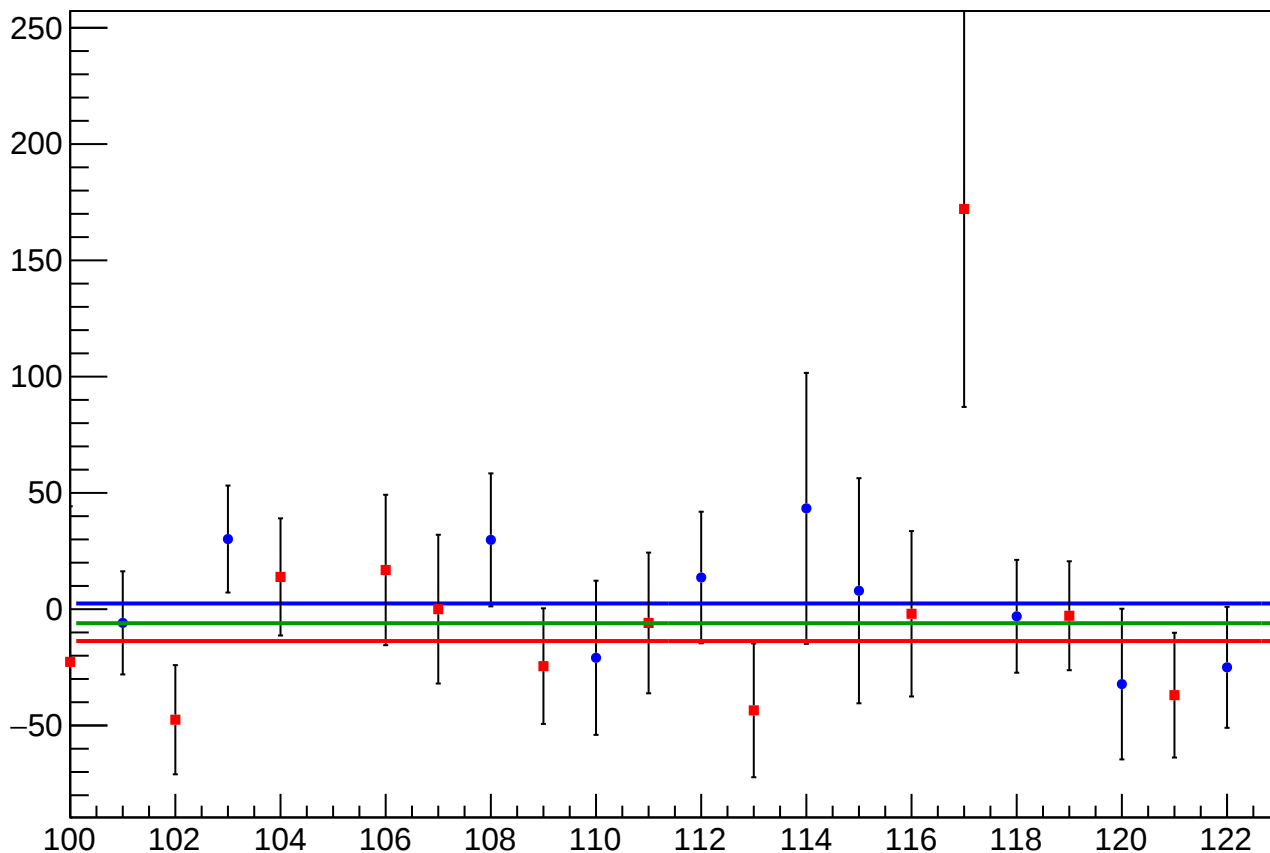
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

177.311+/-0.068 χ^2/NDF : 619140.7/10

166.288+/-0.044 χ^2/NDF : 1659612.6/22

158.179+/-0.058 χ^2/NDF : 995053.1/11

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 2.463+/-9.019 χ^2/NDF : 6.3/10

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

Right Out: -13.687+/-8.573 χ^2/NDF : 11.5/11

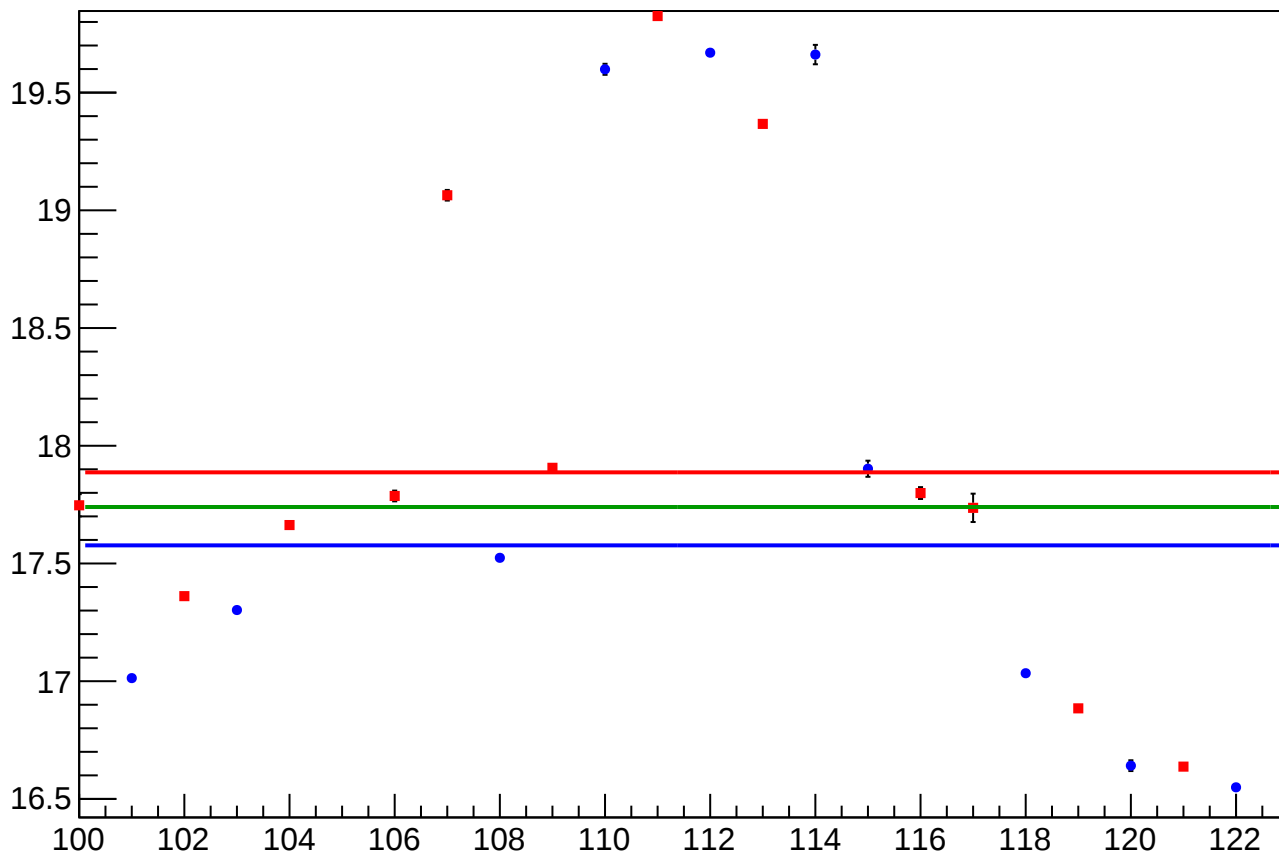
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.463+/-9.019 χ^2/NDF : 6.3/10

-6.022+/-6.214 χ^2/NDF : 19.6/22

-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: 17.577+/-0.006 χ^2 /NDF: 28737.8/10

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

Right Out: 17.887+/-0.006 χ^2 /NDF: 25424.5/11

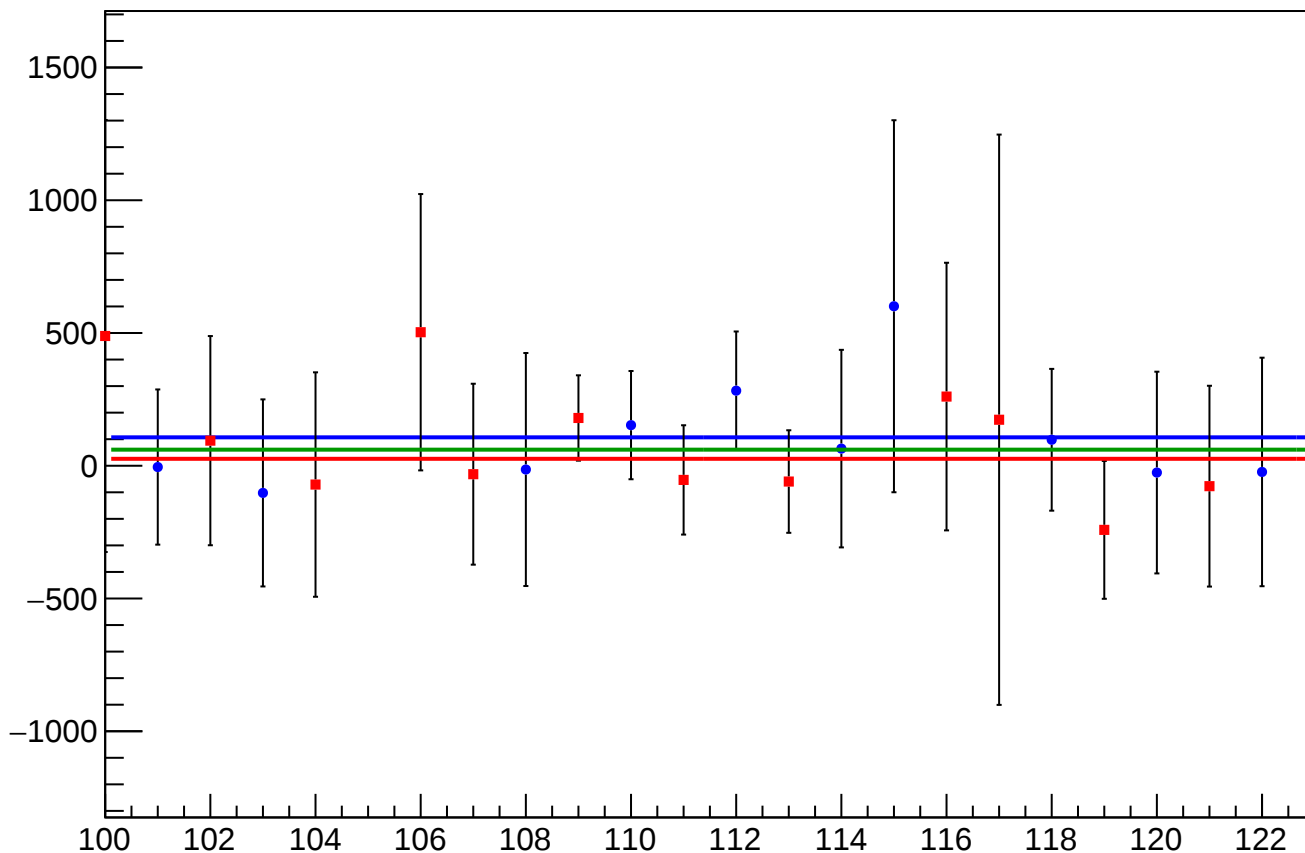
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

17.577+/-0.006 χ^2 /NDF: 28737.8/10

17.740+/-0.004 χ^2 /NDF: 55404.8/22

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: 107.012 $\pm$ 97.501 χ^2 /NDF: 2.0/10

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

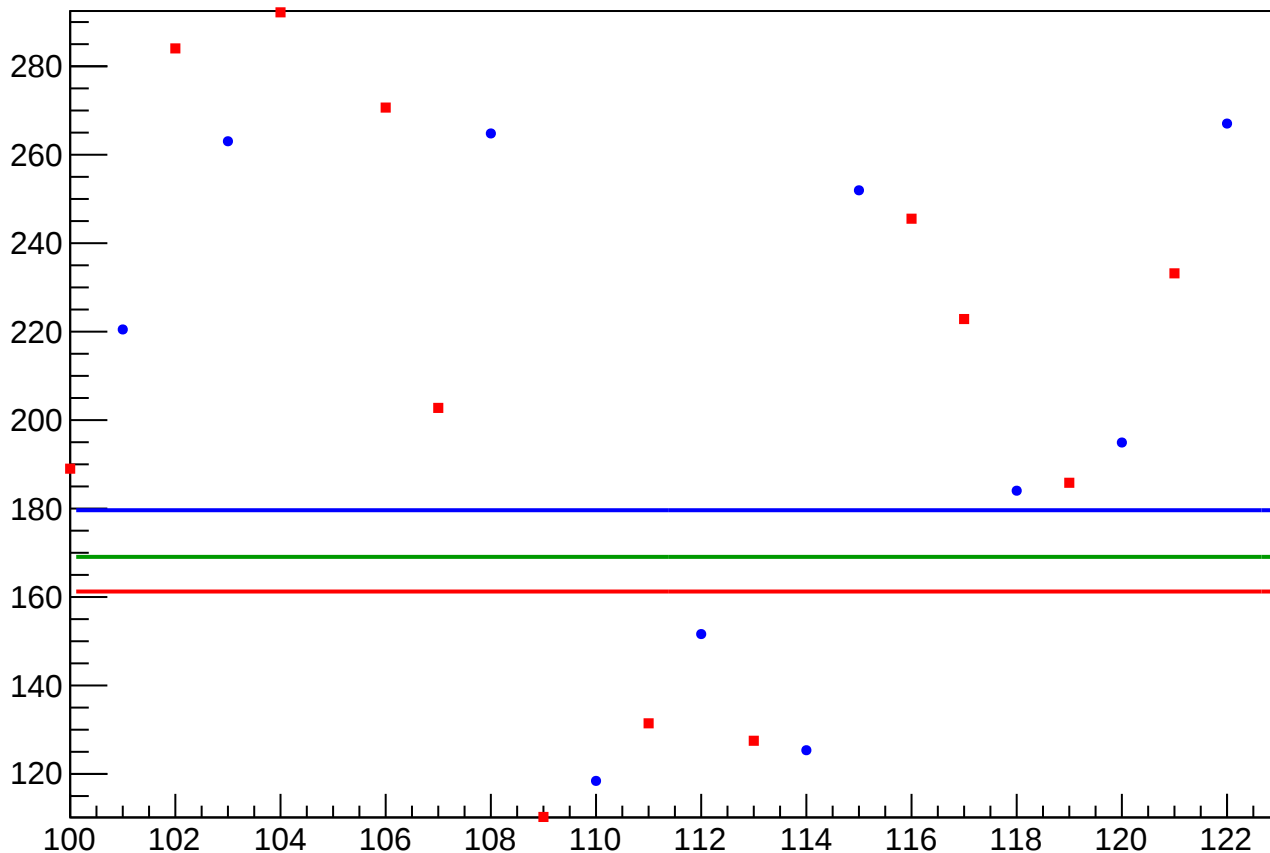
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

107.012 $\pm$ 97.501 χ^2 /NDF: 2.0/10

60.611 $\pm$ 63.655 χ^2 /NDF: 6.3/22

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: 179.625+/-0.069 χ^2/NDF : 599175.4/10

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

Right Out: 161.243+/-0.059 χ^2/NDF : 963685.0/11

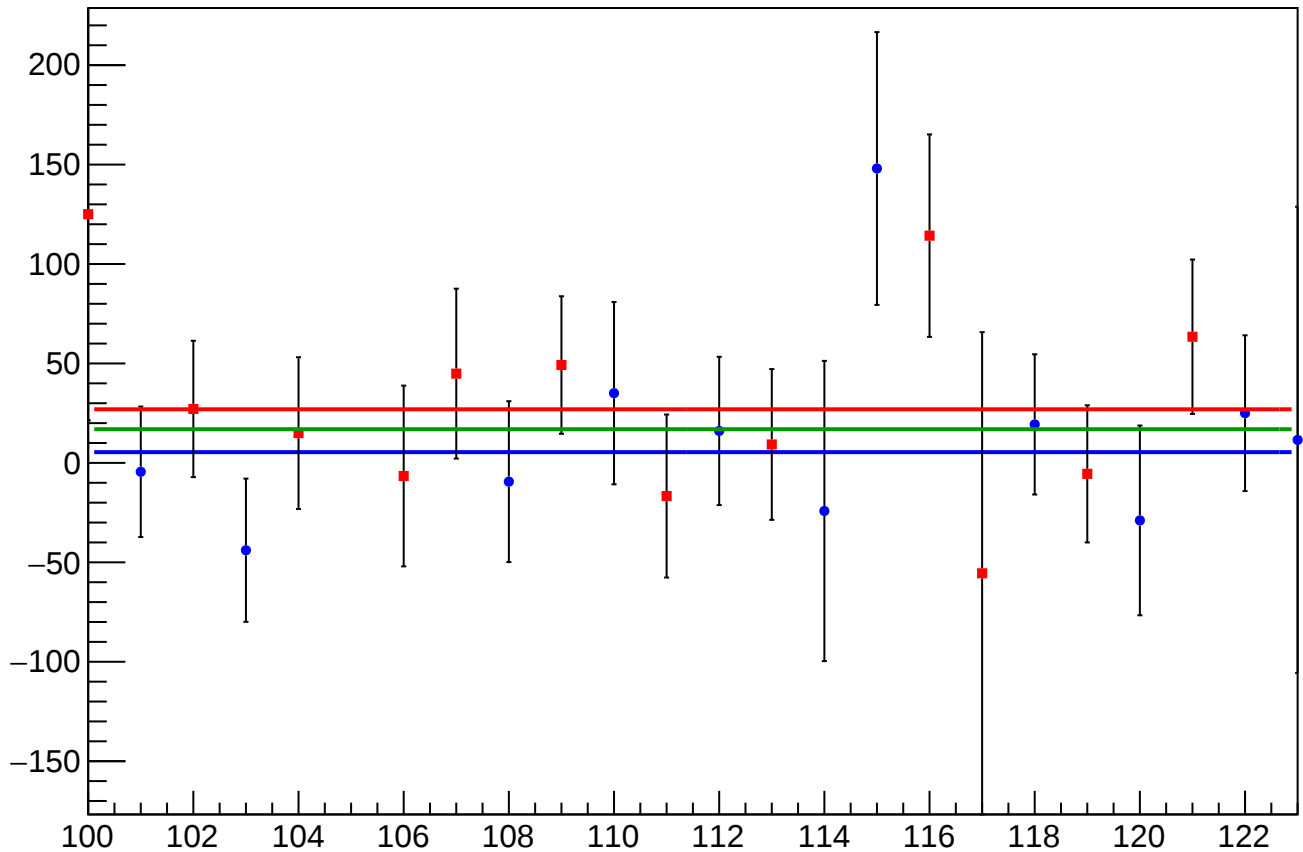
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

179.625+/-0.069 χ^2/NDF : 599175.4/10

169.078+/-0.045 χ^2/NDF : 1603648.3/22

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: 5.410+/-13.059 χ^2 /NDF: 8.0/10

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

Right Out: 26.951+/-12.173 χ^2 /NDF: 8.7/11

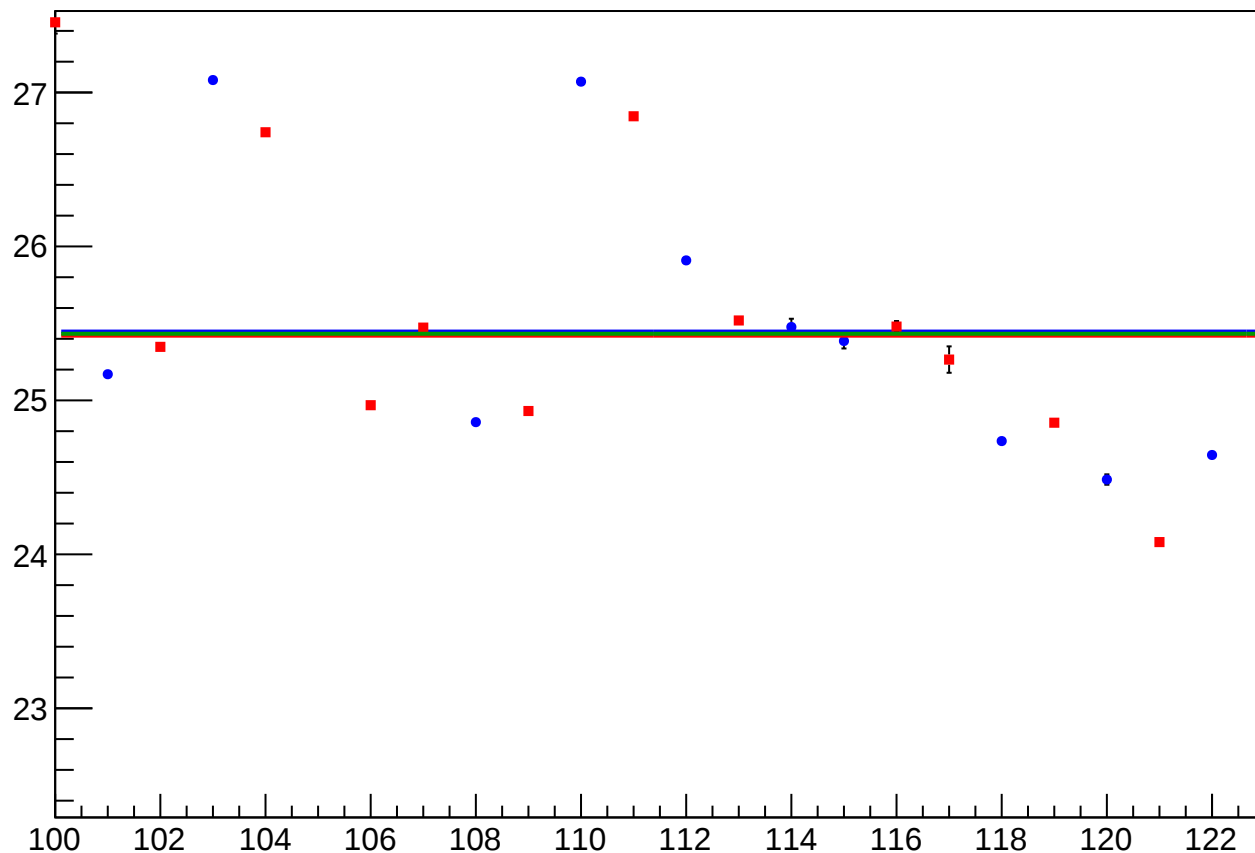
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

5.410+/-13.059 χ^2 /NDF: 8.0/10

16.936+/-8.904 χ^2 /NDF: 18.1/22

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: 25.447+/-0.009 χ^2/NDF : 11339.1/10

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

Right Out: 25.420+/-0.009 χ^2/NDF : 9139.7/11

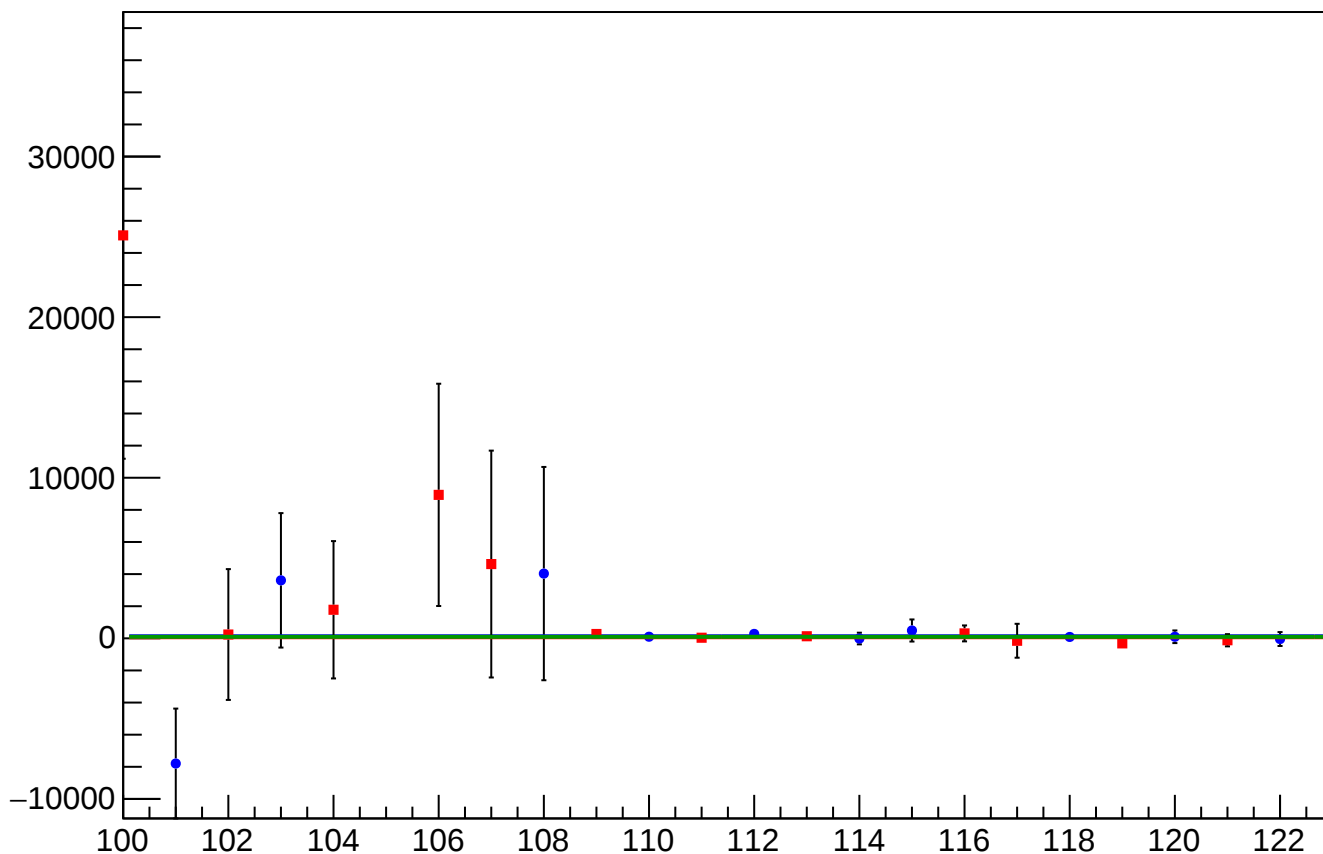
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

25.447+/-0.009 χ^2/NDF : 11339.1/10

25.433+/-0.006 χ^2/NDF : 20483.2/22

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: 128.049+/-110.834 χ^2/NDF : 7.5/10

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

Right Out: 68.703+/-100.212 χ^2/NDF : 9.0/11

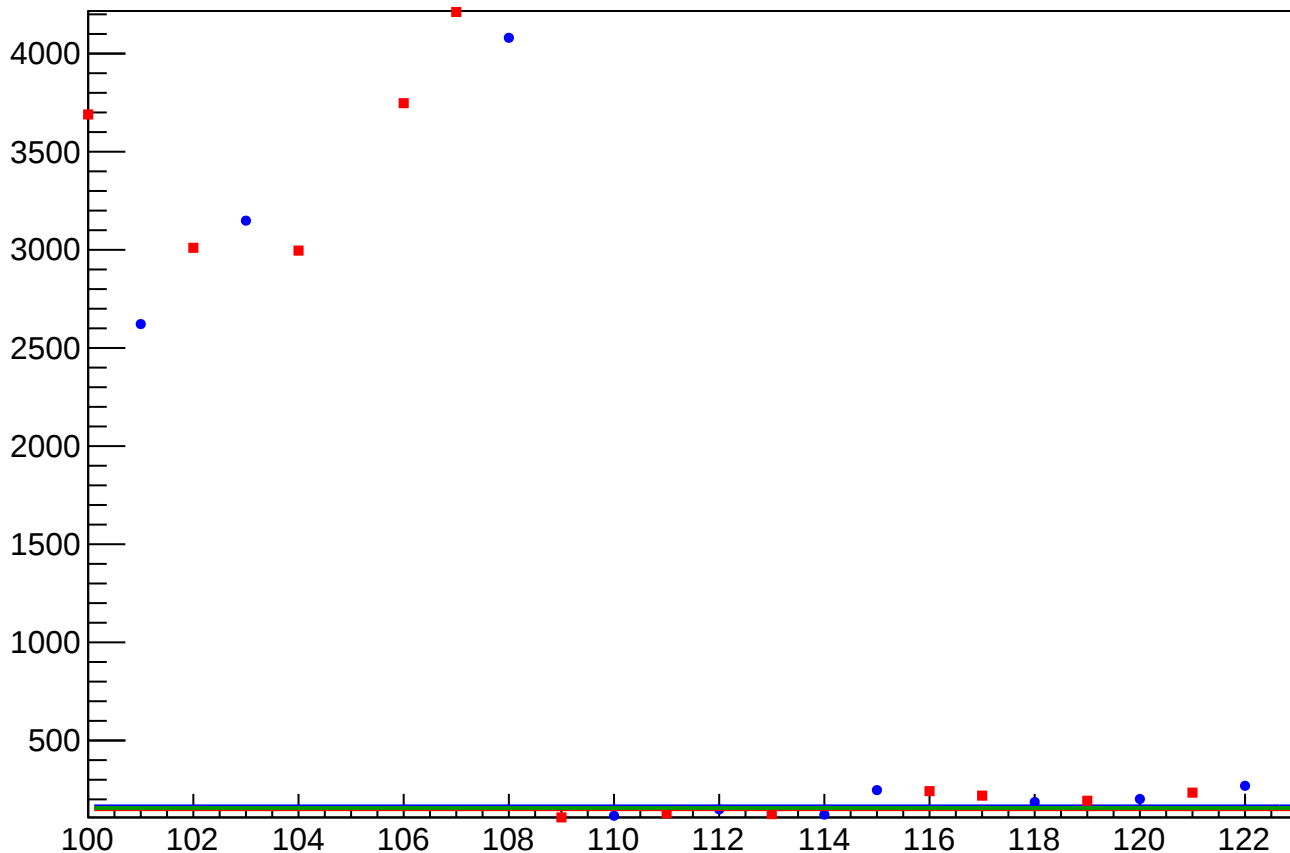
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

128.049+/-110.834 χ^2/NDF : 7.5/10

95.397+/-74.333 χ^2/NDF : 16.7/22

68.703+/-100.212 χ^2/NDF : 9.0/11

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 164.153+/-0.078 χ^2/NDF : 3085582.3/10

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

Right Out: 150.074+/-0.071 χ^2/NDF : 3562251.3/11

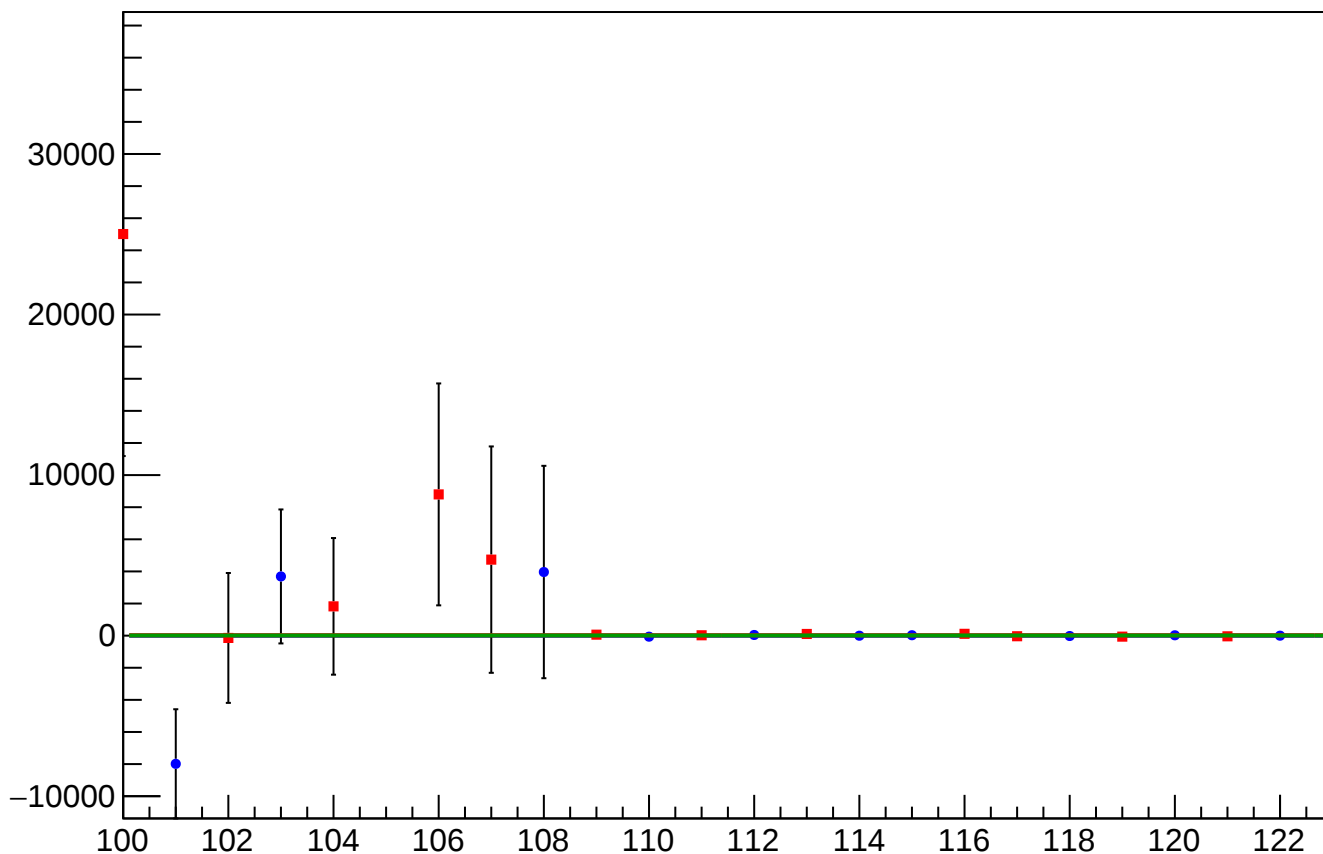
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

164.153+/-0.078 χ^2/NDF : 3085582.3/10

156.407+/-0.053 χ^2/NDF : 6665589.9/22

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: -2.358+/-18.181 χ^2/NDF : 10.4/10

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

Right Out: 24.283+/-17.969 χ^2/NDF : 19.5/11

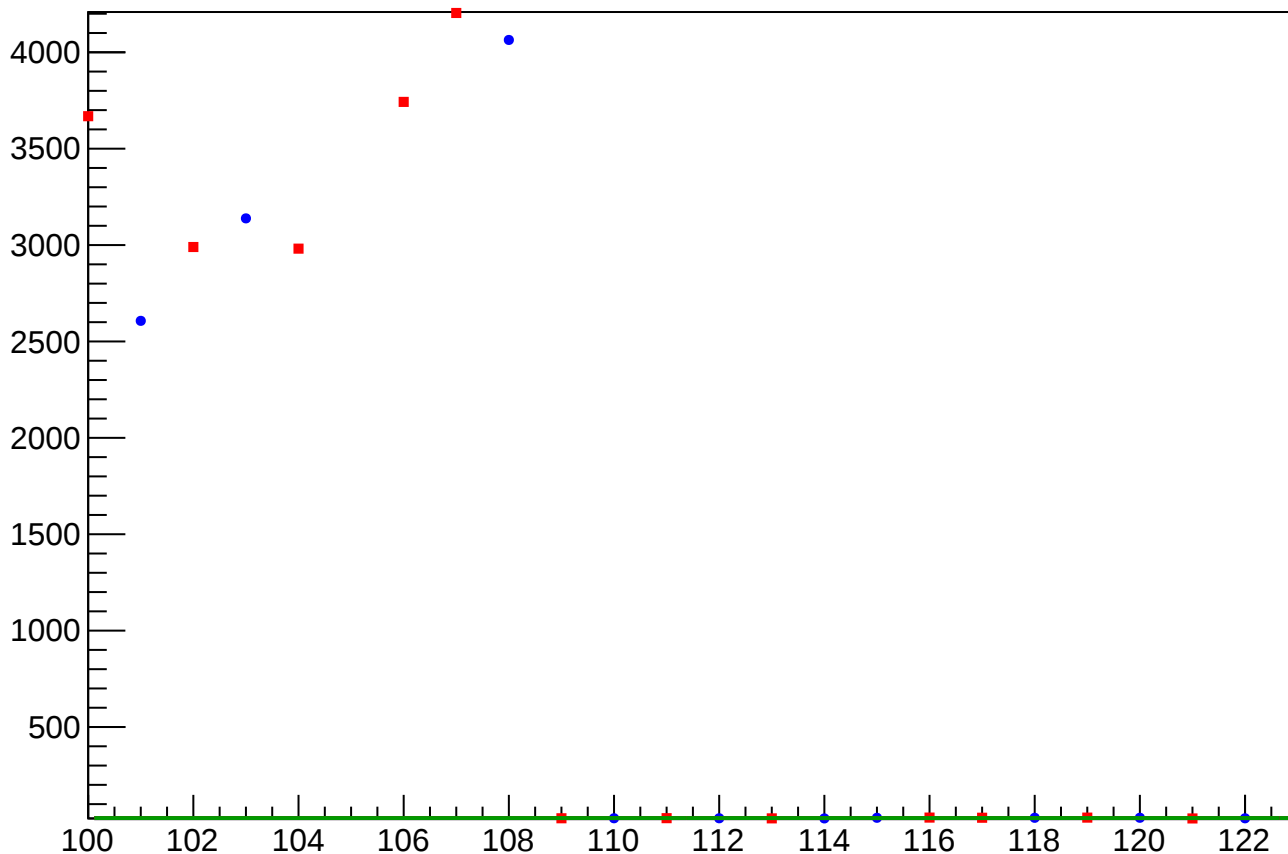
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.358+/-18.181 χ^2/NDF : 10.4/10

11.119+/-12.780 χ^2/NDF : 31.0/22

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: 27.583+/-0.013 χ^2/NDF : 3016750.2/10

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

Right Out: 27.608+/-0.013 χ^2/NDF : 3473530.9/11

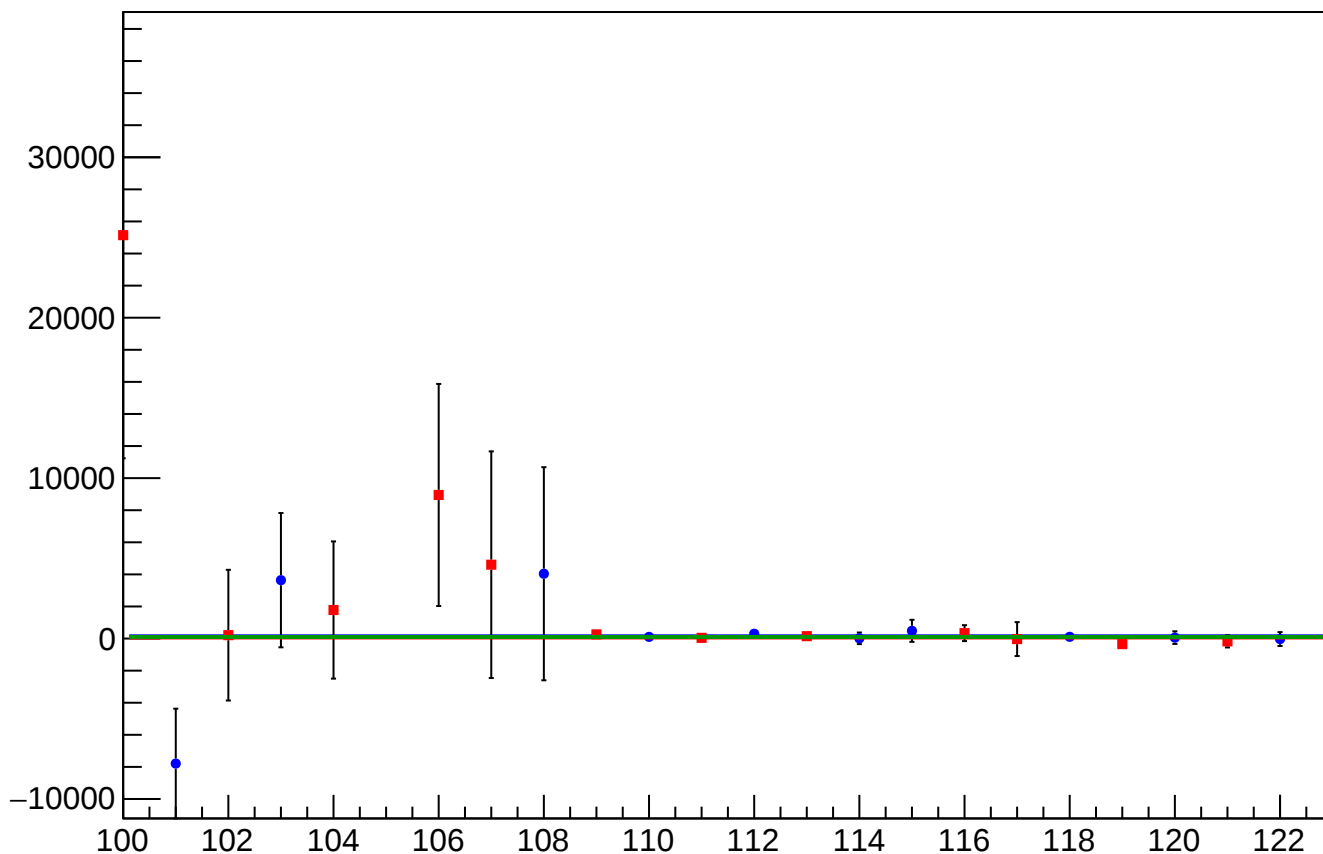
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27.583+/-0.013 χ^2/NDF : 3016750.2/10

27.596+/-0.009 χ^2/NDF : 6490283.0/22

27.608+/-0.013 χ^2/NDF : 3473530.9/11

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 139.252+/-110.383 χ^2/NDF : 7.6/10

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

Right Out: 68.294+/-99.767 χ^2/NDF : 9.6/11

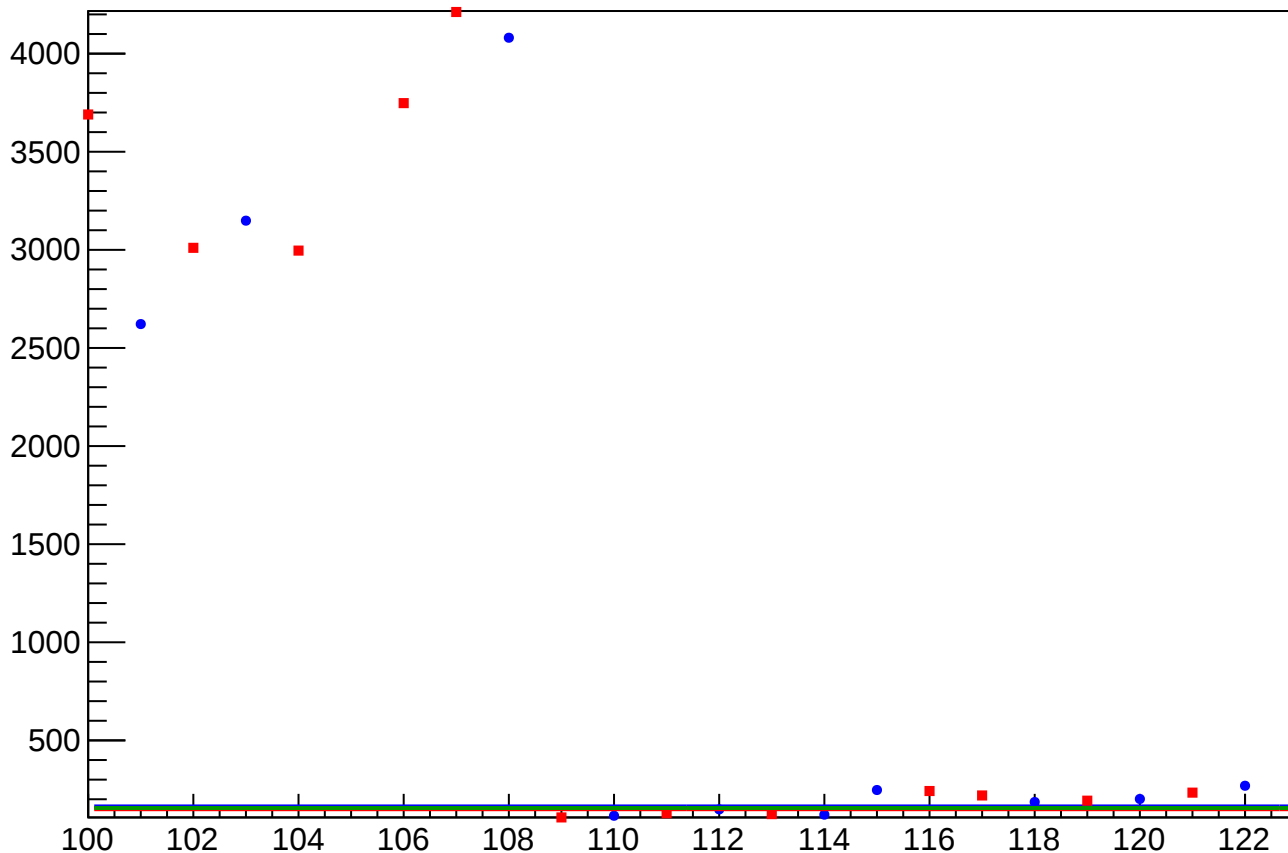
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

139.252+/-110.383 χ^2/NDF : 7.6/10

100.198+/-74.015 χ^2/NDF : 17.4/22

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: 163.386+/-0.078 χ^2/NDF : 3090939.4/10

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

Right Out: 149.307+/-0.071 χ^2/NDF : 3567917.0/11

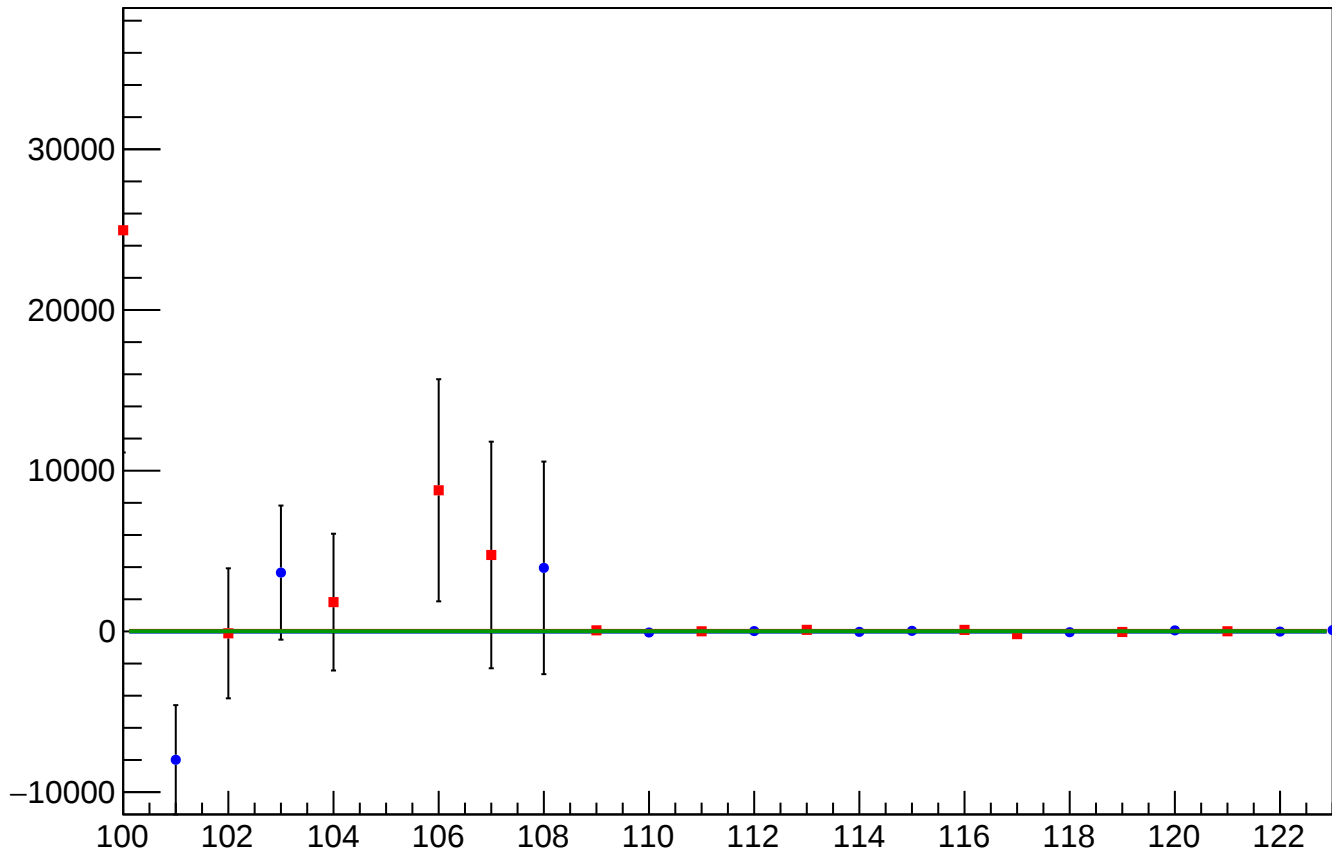
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

163.386+/-0.078 χ^2/NDF : 3090939.4/10

155.637+/-0.052 χ^2/NDF : 6676763.5/22

149.307+/-0.071 χ^2/NDF : 3567917.0/11

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -9.569+/-18.275 χ^2/NDF : 12.1/10

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

Right Out: 31.363+/-18.085 χ^2/NDF : 15.0/11

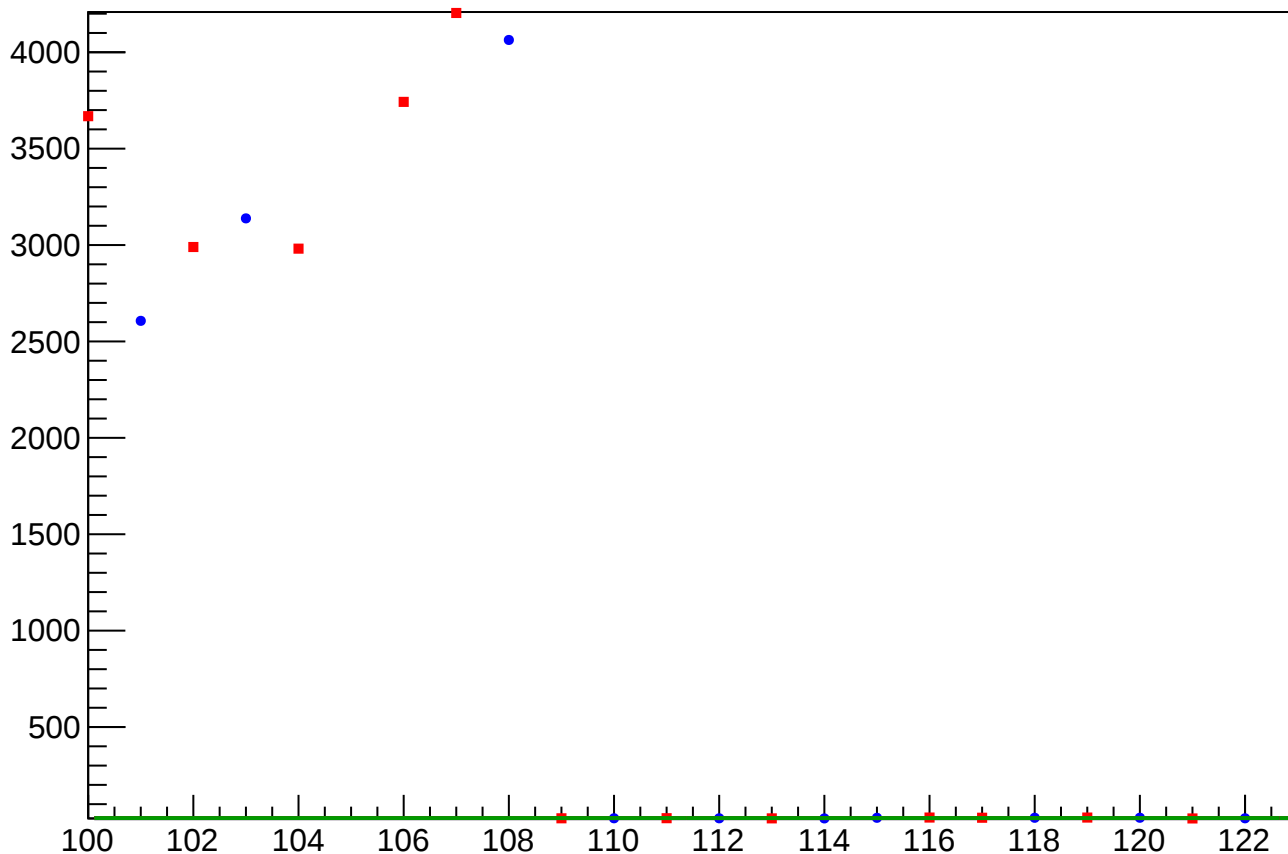
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-9.569+/-18.275 χ^2/NDF : 12.1/10

11.110+/-12.855 χ^2/NDF : 29.7/22

31.363+/-18.085 χ^2/NDF : 15.0/11

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.721+/-0.013 χ^2/NDF : 3017435.6/10

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

Right Out: 27.780+/-0.013 χ^2/NDF : 3475541.8/11

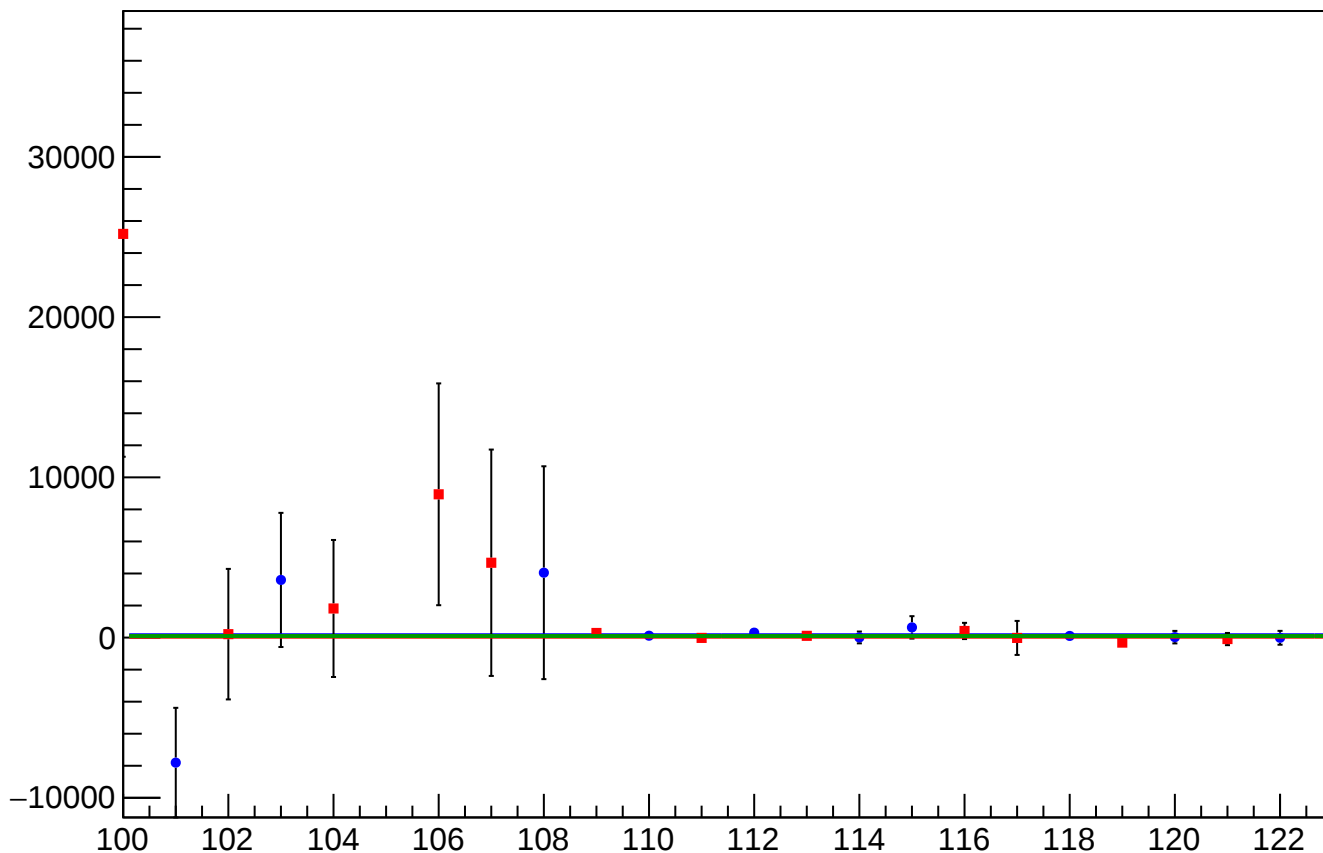
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27.721+/-0.013 χ^2/NDF : 3017435.6/10

27.751+/-0.009 χ^2/NDF : 6492988.0/22

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: 145.793+/-111.966 χ^2/NDF : 7.9/10

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

Right Out: 57.004+/-101.453 χ^2/NDF : 9.4/11

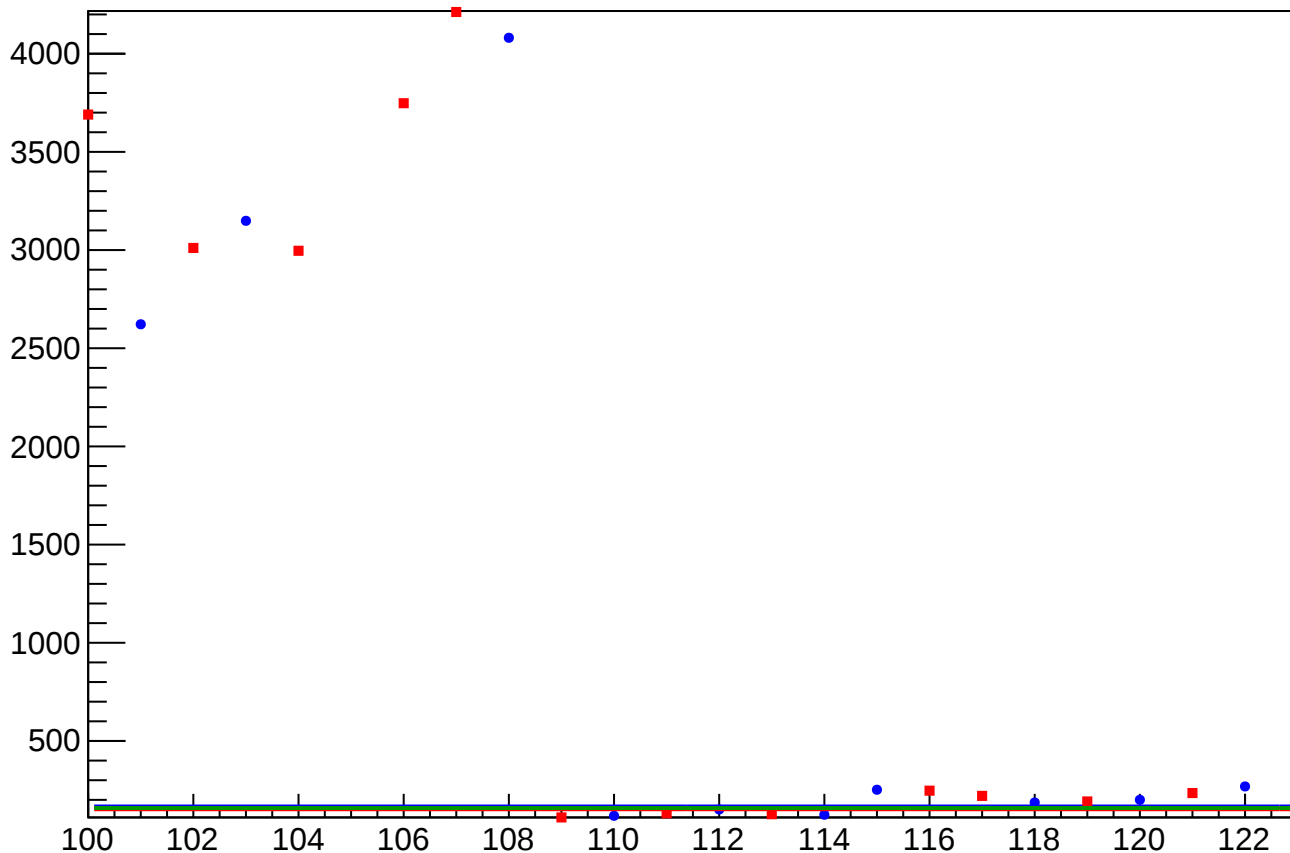
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

145.793+/-111.966 χ^2/NDF : 7.9/10

97.035+/-75.181 χ^2/NDF : 17.6/22

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: 166.162 $\pm$ 0.079 χ^2 /NDF: 3064673.8/10

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

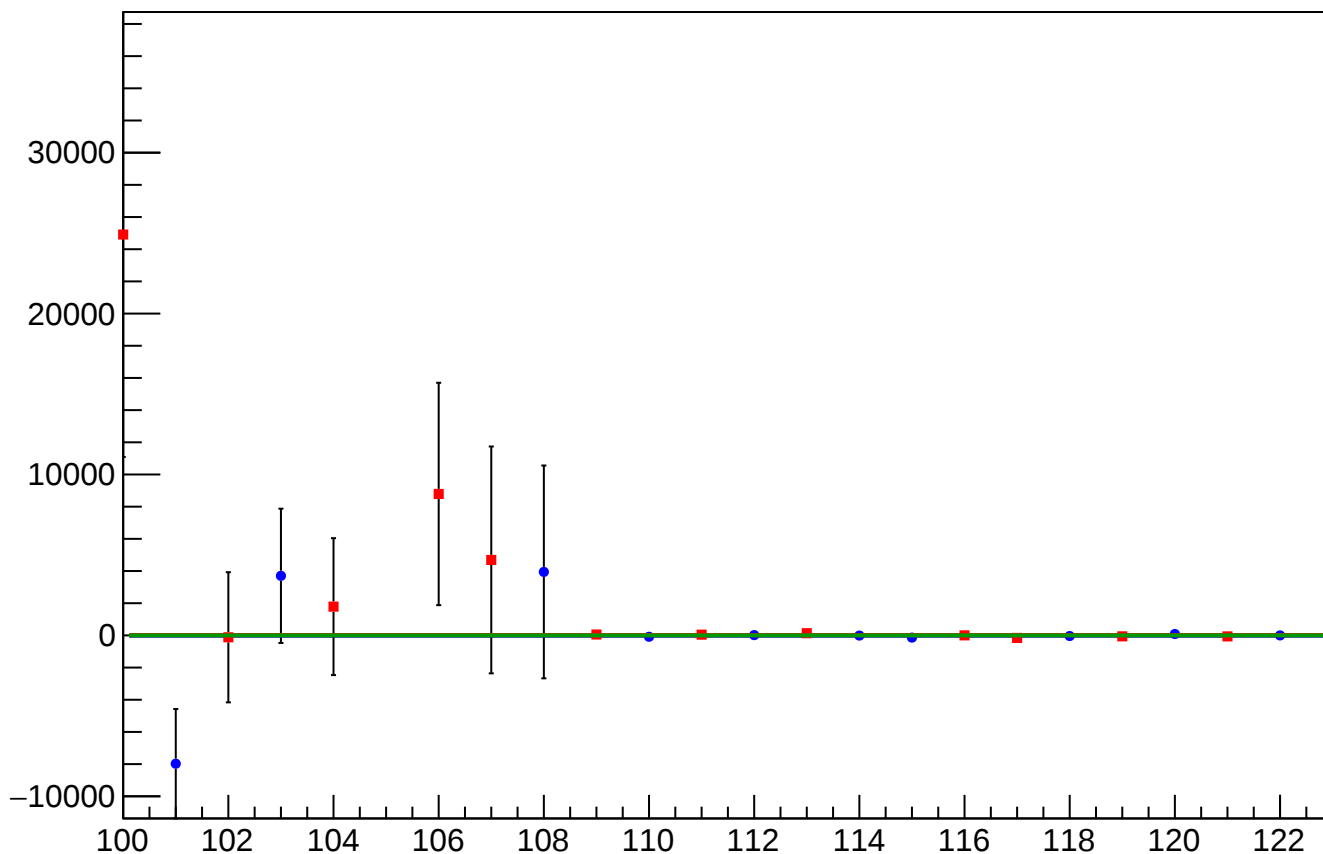
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

166.162 $\pm$ 0.079 χ^2 /NDF: 3064673.8/10

158.577 $\pm$ 0.053 χ^2 /NDF: 6623603.1/22

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: -18.737 $\pm$ 22.313 χ^2 /NDF: 12.9/10

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

Right Out: 16.784 $\pm$ 21.958 χ^2 /NDF: 18.2/11

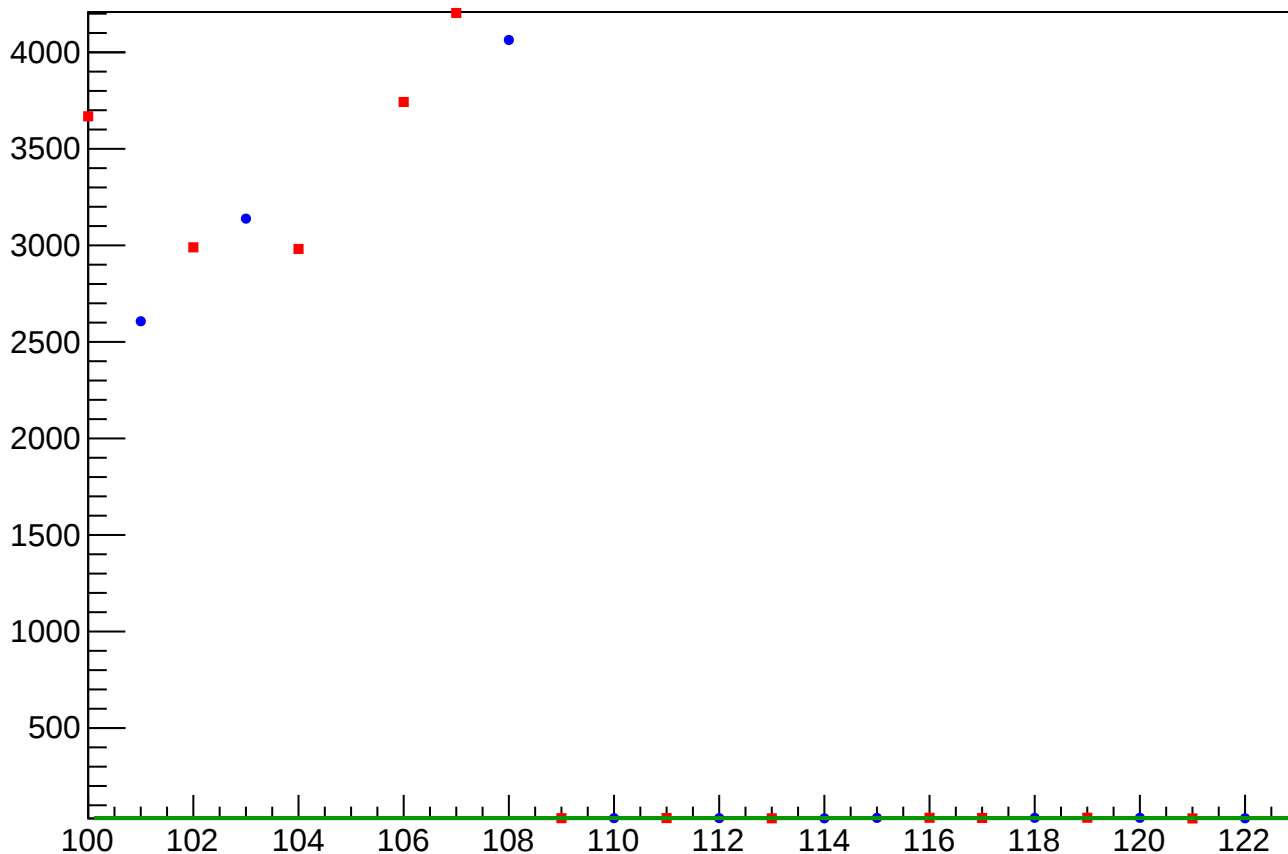
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-18.737 $\pm$ 22.313 χ^2 /NDF: 12.9/10

-0.692 $\pm$ 15.651 χ^2 /NDF: 32.4/22

16.784 $\pm$ 21.958 χ^2 /NDF: 18.2/11

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 33.869+/-0.016 χ^2 /NDF: 2998389.6/10

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

Right Out: 33.835+/-0.016 χ^2 /NDF: 3449903.9/11

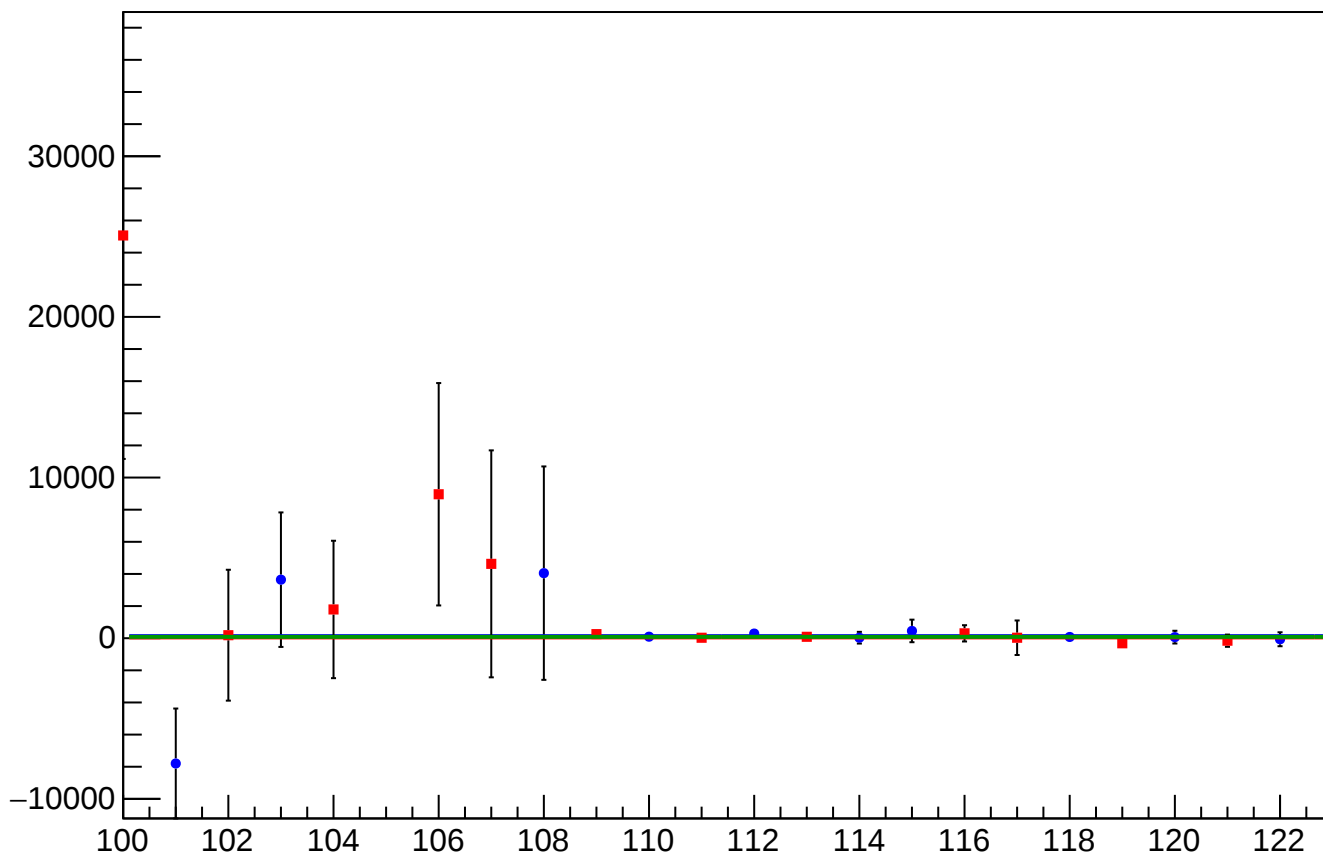
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

33.869+/-0.016 χ^2 /NDF: 2998389.6/10

33.852+/-0.011 χ^2 /NDF: 6448295.8/22

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: 127.880+/-111.266 χ^2/NDF : 7.5/10

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

Right Out: 49.926+/-100.635 χ^2/NDF : 8.8/11

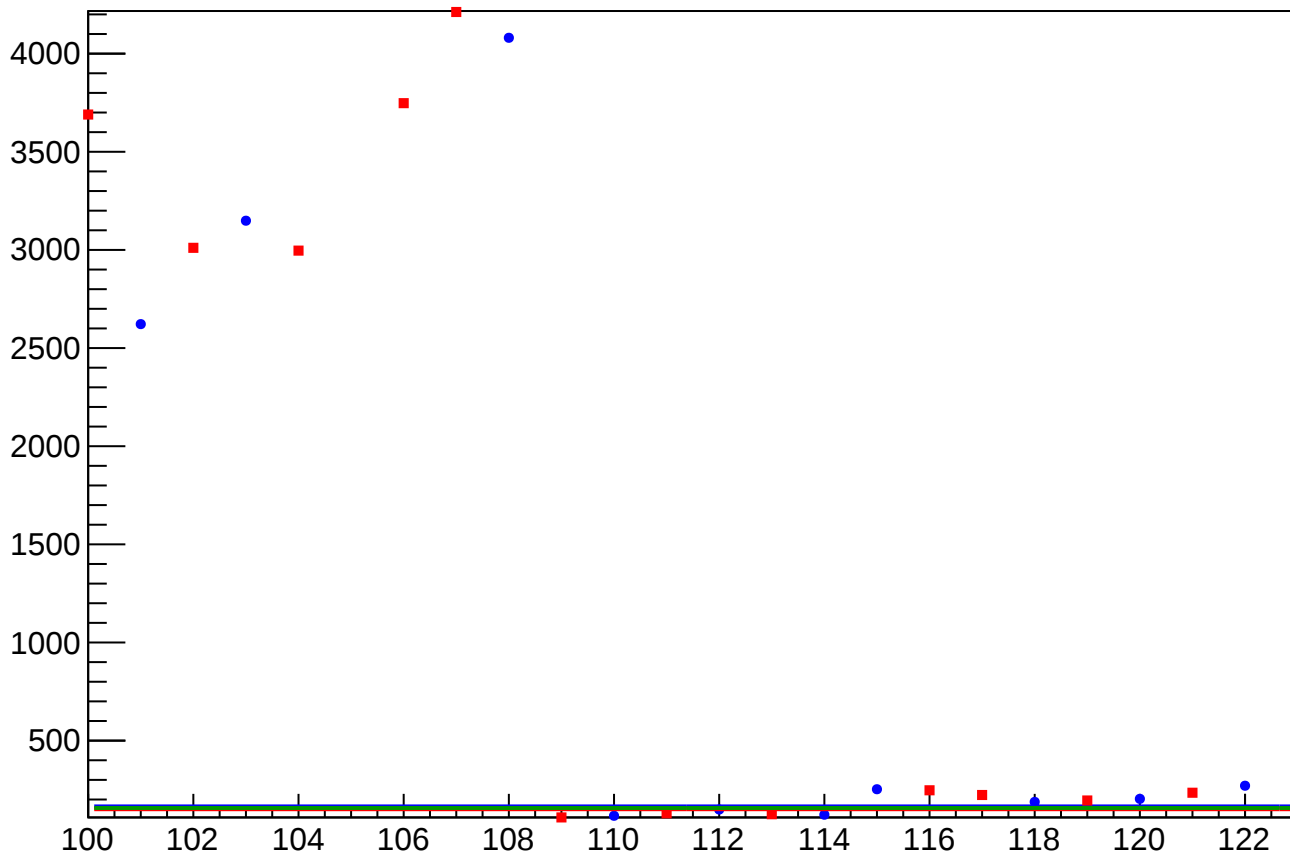
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

127.880+/-111.266 χ^2/NDF : 7.5/10

85.002+/-74.636 χ^2/NDF : 16.6/22

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: 164.763 $\pm$ 0.079 χ^2 /NDF: 3088656.3/10

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

Right Out: 150.672 $\pm$ 0.071 χ^2 /NDF: 3567150.7/11

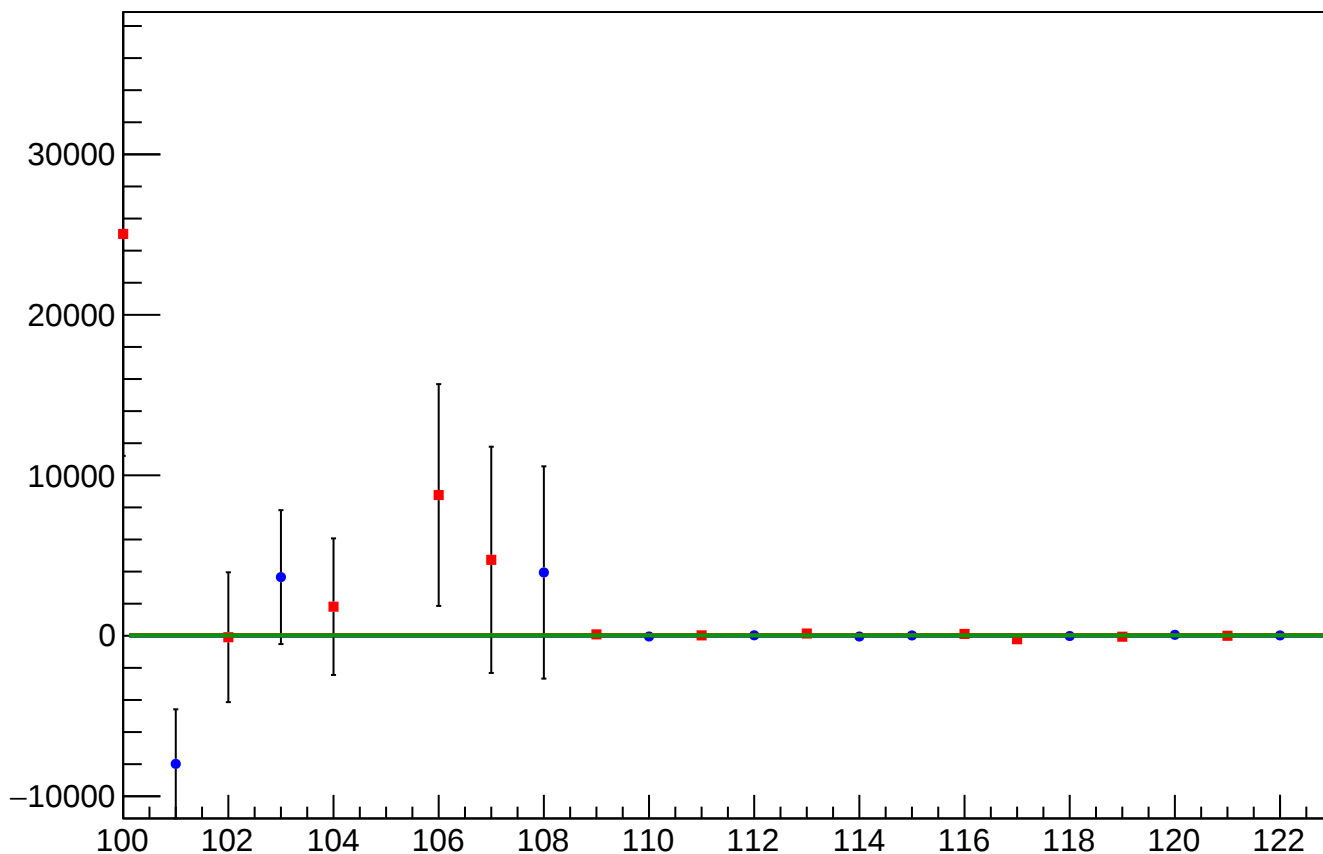
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

164.763 $\pm$ 0.079 χ^2 /NDF: 3088656.3/10

157.012 $\pm$ 0.053 χ^2 /NDF: 6673449.0/22

150.672 $\pm$ 0.071 χ^2 /NDF: 3567150.7/11

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 4.917+/-20.483 χ^2 /NDF: 9.5/10

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

Right Out: 38.895+/-20.219 χ^2 /NDF: 20.9/11

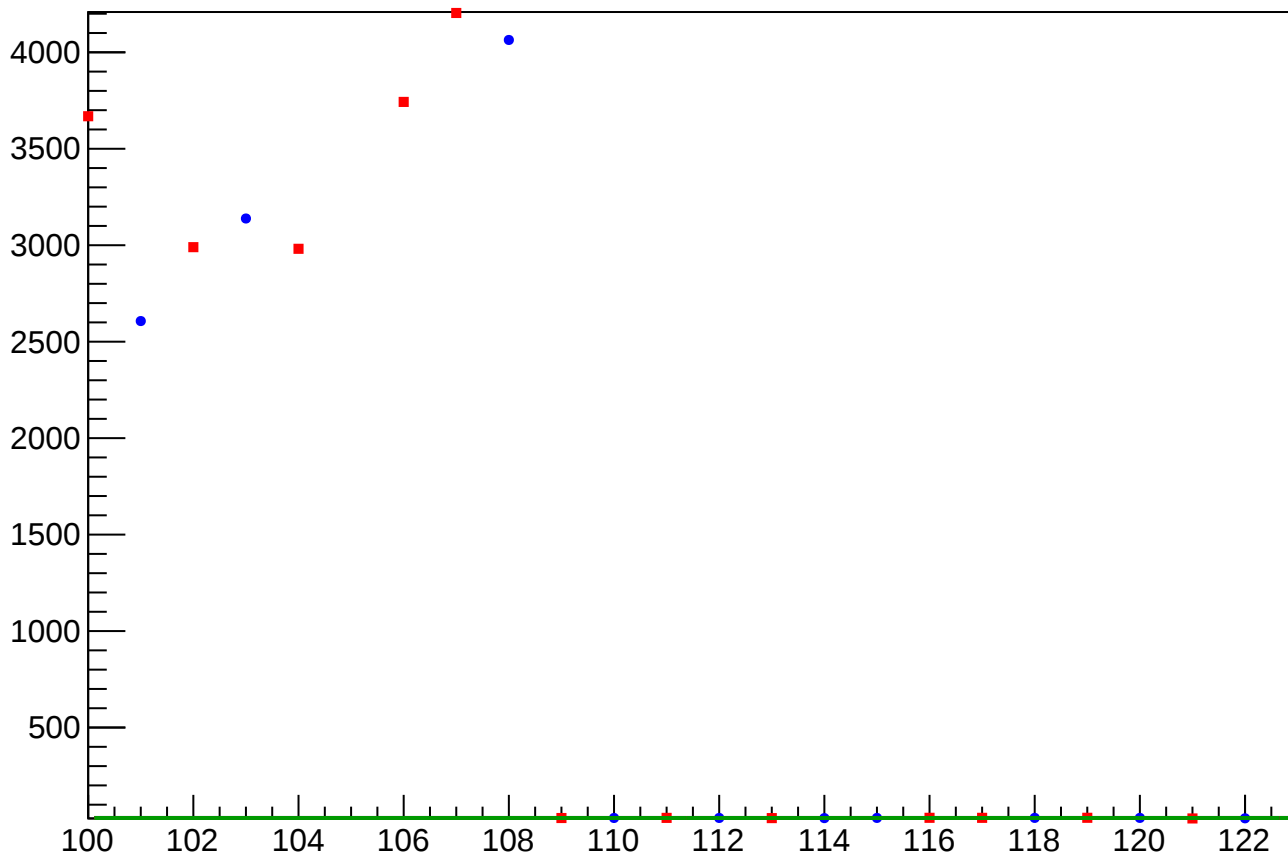
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

4.917+/-20.483 χ^2 /NDF: 9.5/10

22.126+/-14.390 χ^2 /NDF: 31.8/22

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: 31.126+/-0.014 χ^2/NDF : 3003655.1/10

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

Right Out: 31.134+/-0.014 χ^2/NDF : 3454974.0/11

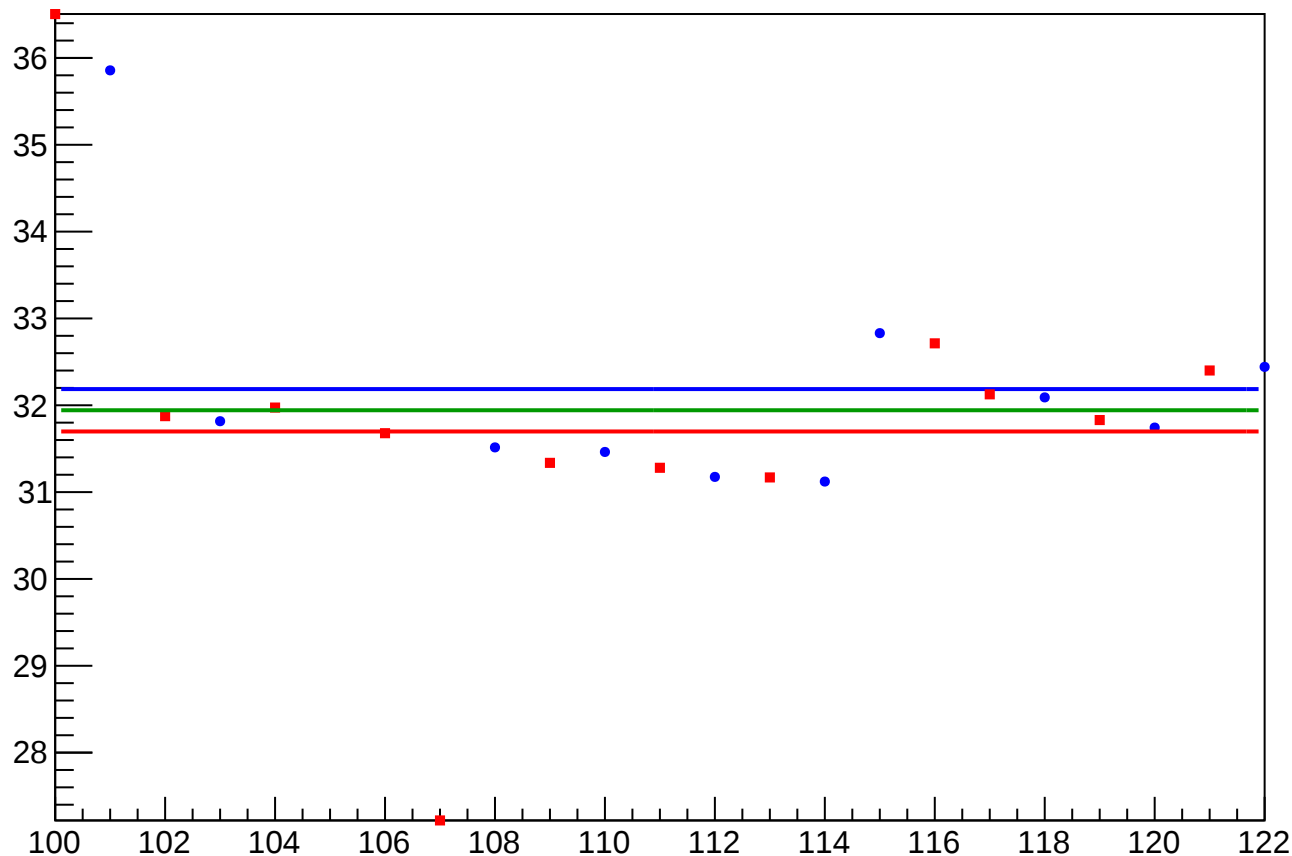
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

31.126+/-0.014 χ^2/NDF : 3003655.1/10

31.130+/-0.010 χ^2/NDF : 6458629.2/22

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 : 987372194.8/9

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

Right Out: 31.698+/-0.000 χ^2/NDF : 550218959.9/11

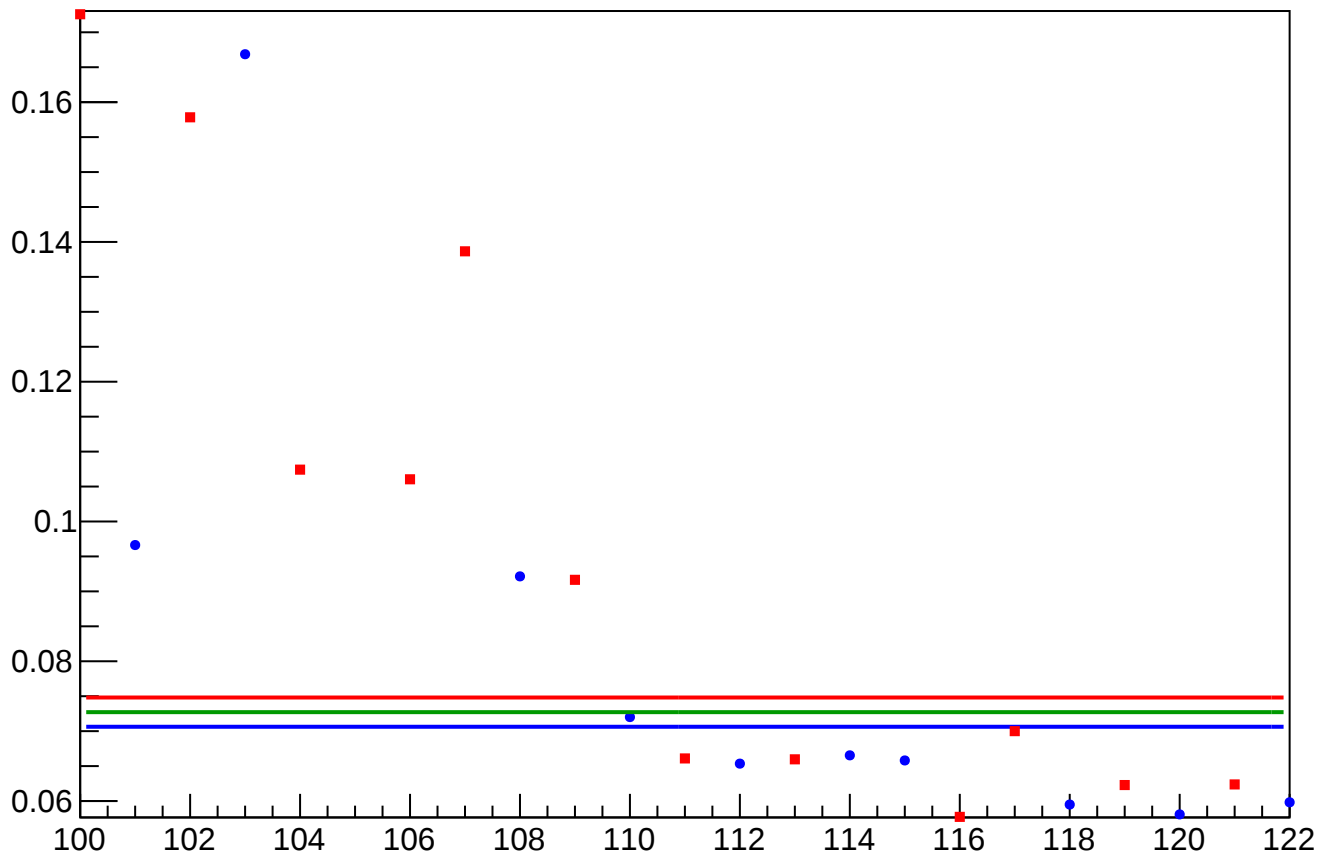
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.187+/-0.000 χ^2/NDF : 987372194.8/9

31.943+/-0.000 χ^2/NDF : 1613668753.5/2

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 : 563501.6/9

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

Right Out: 0.075+/-0.000 χ^2/NDF : 739974.8/11

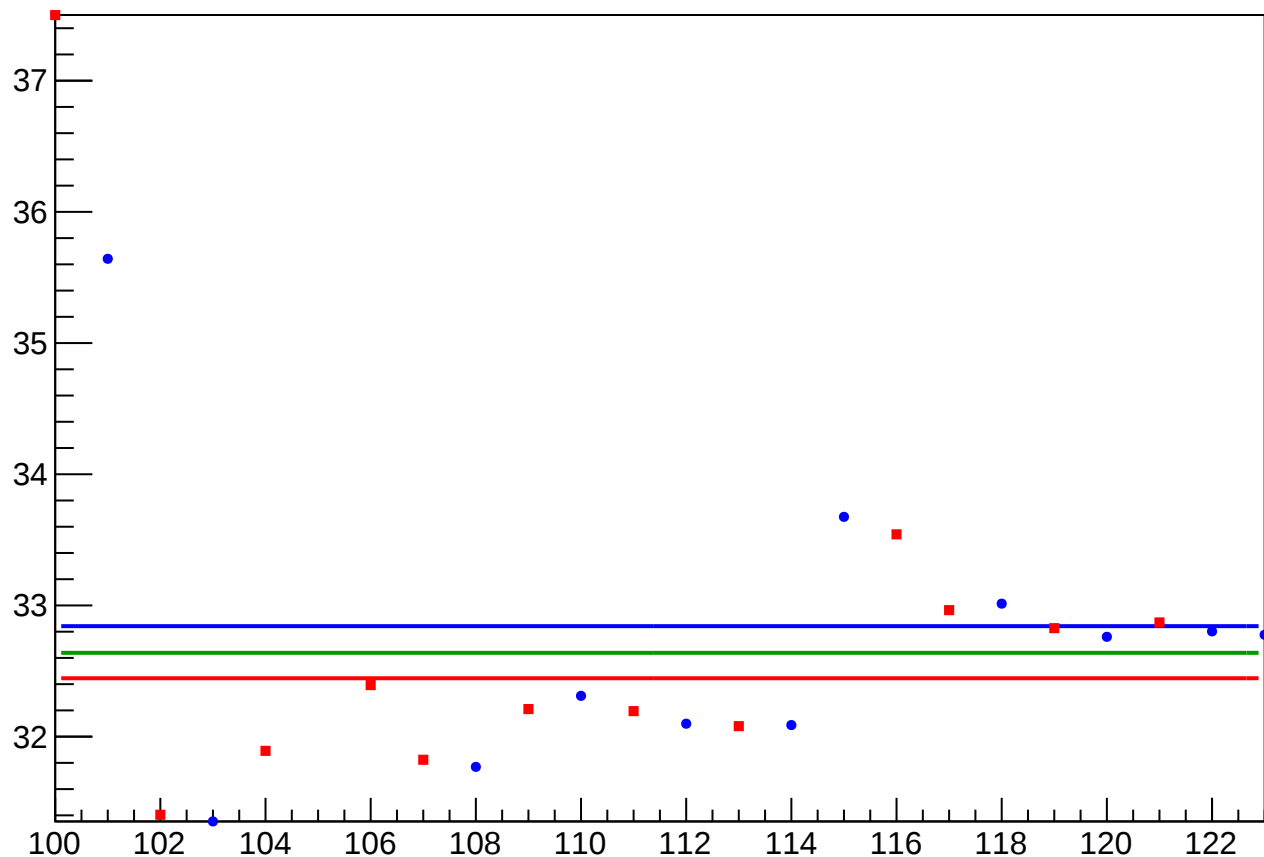
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.071+/-0.000 χ^2/NDF : 563501.6/9

0.073+/-0.000 χ^2/NDF : 1314658.5/21

0.075+/-0.000 χ^2/NDF : 739974.8/11

yield_usr_mean vs Slug, Sign Corrected



Right In: 32.842+/-0.000 χ^2 /NDF: 455196448.3/10

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

Right Out: 32.445+/-0.000 χ^2 /NDF: 153846694.9/11

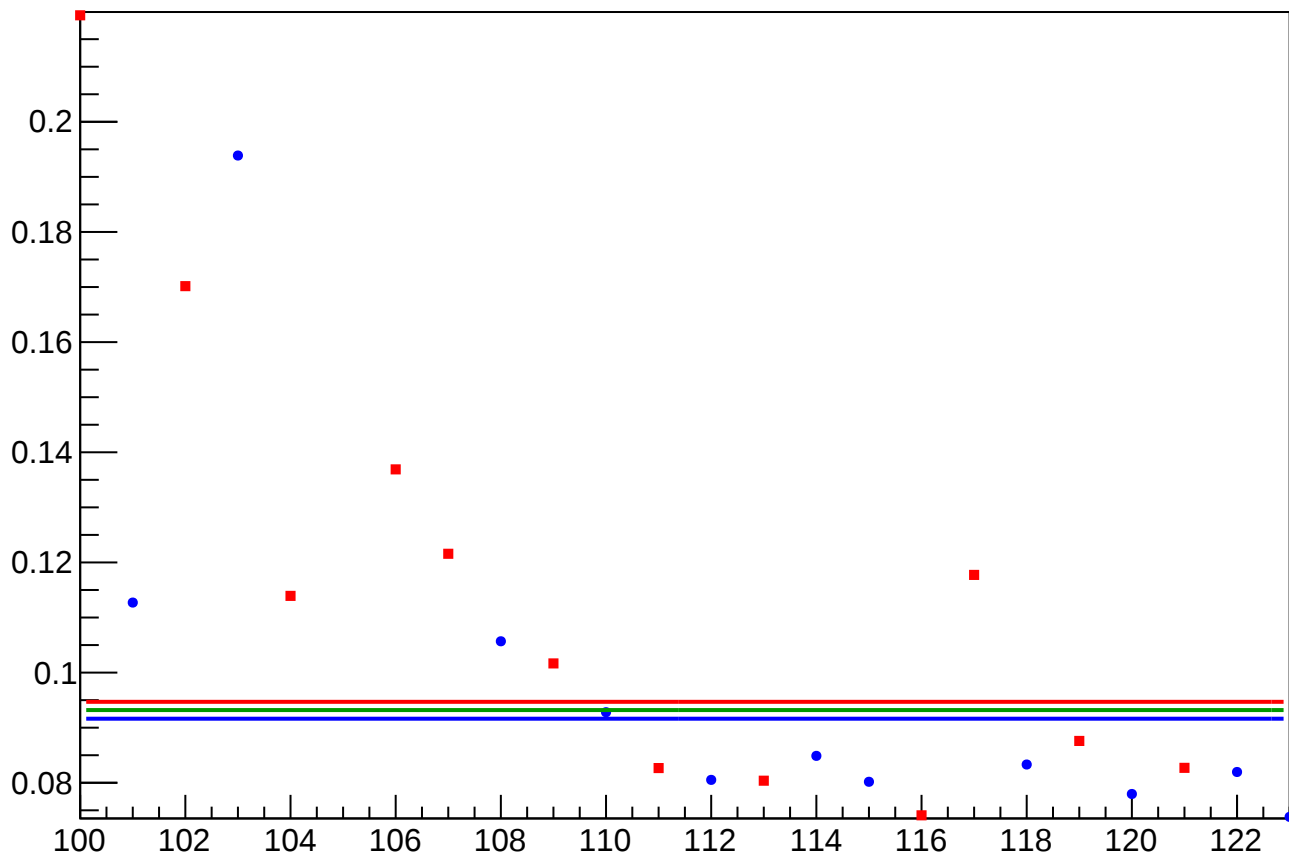
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

32.842+/-0.000 χ^2 /NDF: 455196448.3/10

32.639+/-0.000 χ^2 /NDF: 640345857.7/22

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 : 414354.4/10

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

Right Out: 0.095+/-0.000 χ^2/NDF : 444377.2/11

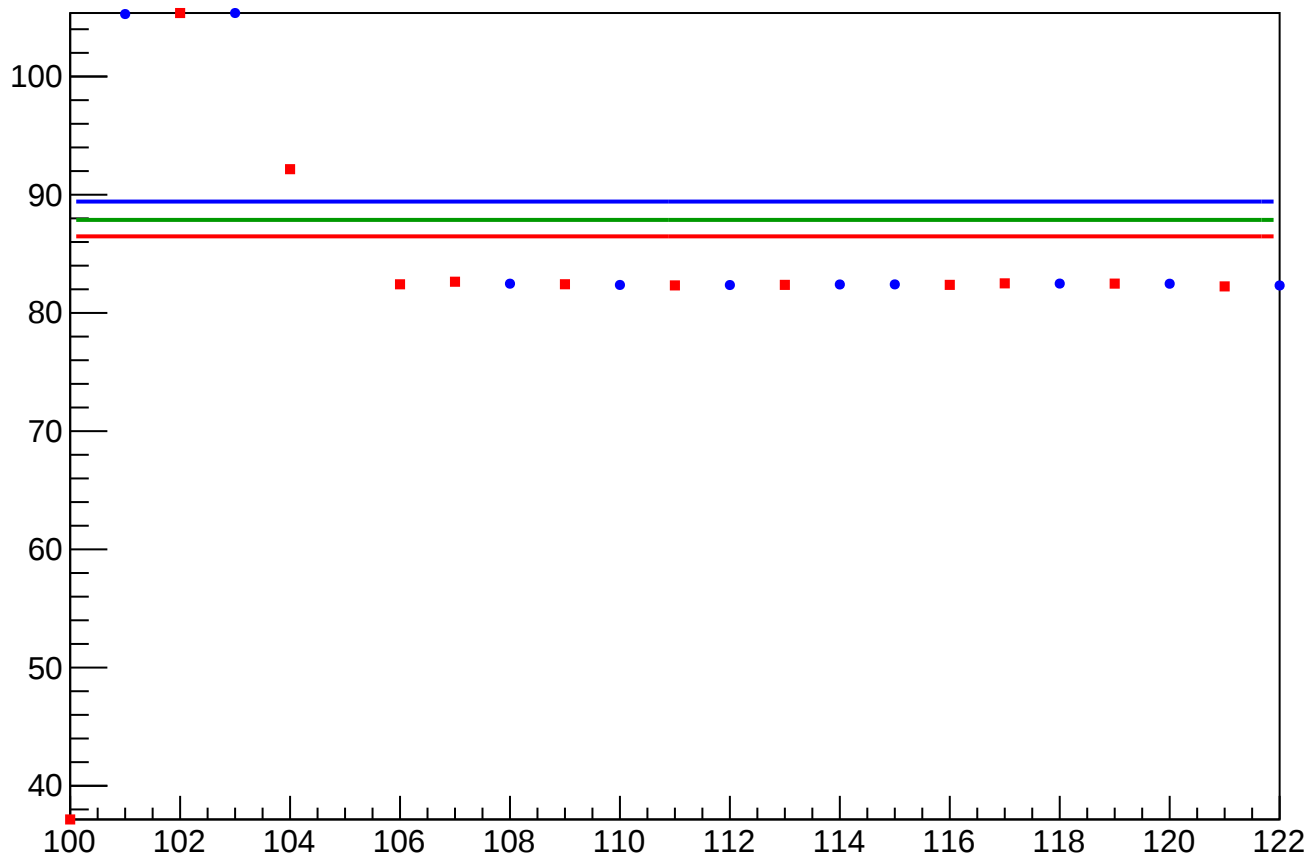
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.092+/-0.000 χ^2/NDF : 414354.4/10

0.093+/-0.000 χ^2/NDF : 862464.1/22

0.095+/-0.000 χ^2/NDF : 444377.2/11

yield_dsl_mean vs Slug, Sign Corrected



Right In: 89.422 $\pm$ 0.000 χ^2/NDF : 245051733492.2/9

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

Right Out: 86.478 $\pm$ 0.000 χ^2/NDF : 156218162465.8/11

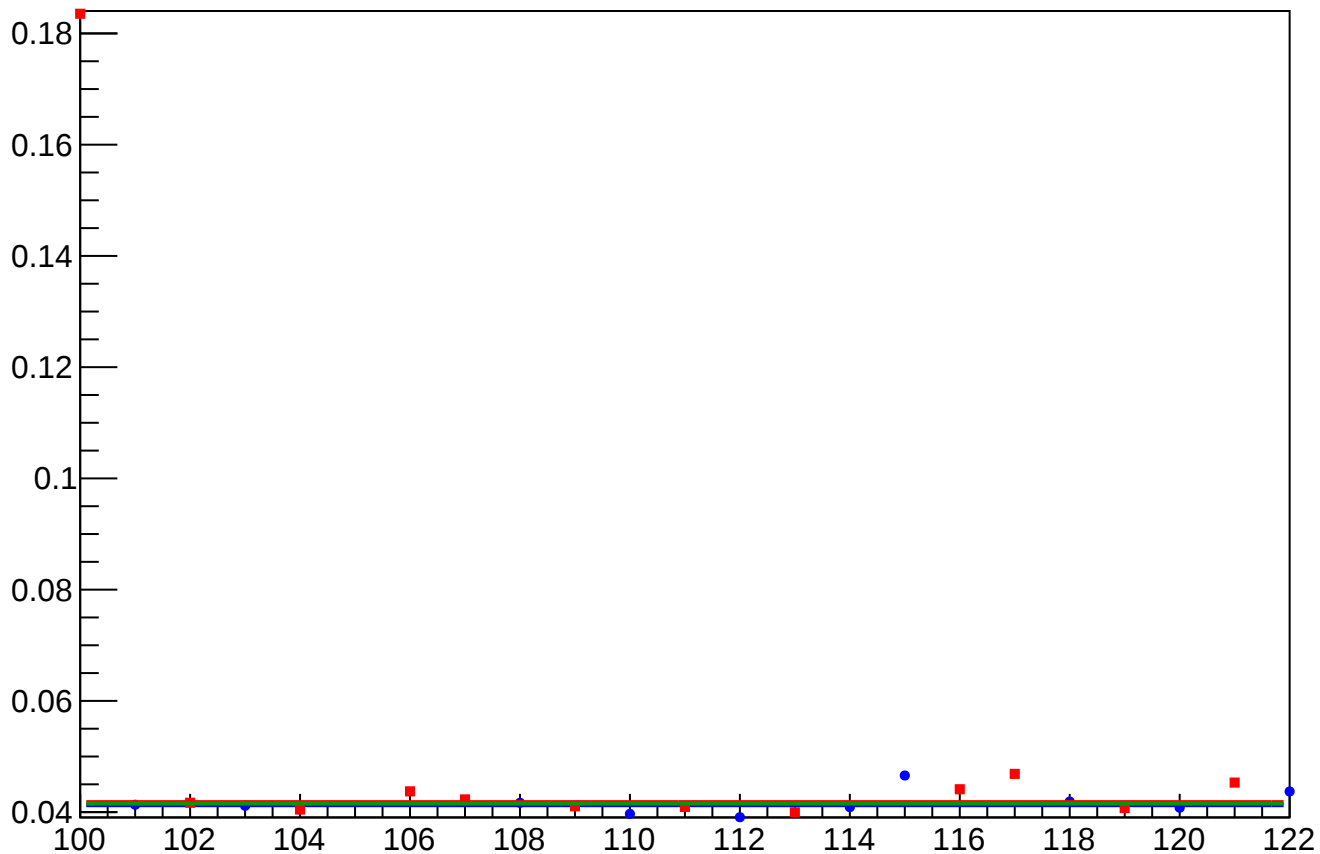
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

89.422 $\pm$ 0.000 χ^2/NDF : 245051733492.2/9

87.870 $\pm$ 0.000 χ^2/NDF : 411311506258.2/9

86.478 $\pm$ 0.000 χ^2/NDF : 156218162465.8/11

yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.041+/-0.000 χ^2/NDF : 10540.8/9

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

Right Out: 0.042+/-0.000 χ^2/NDF : 95732.5/11

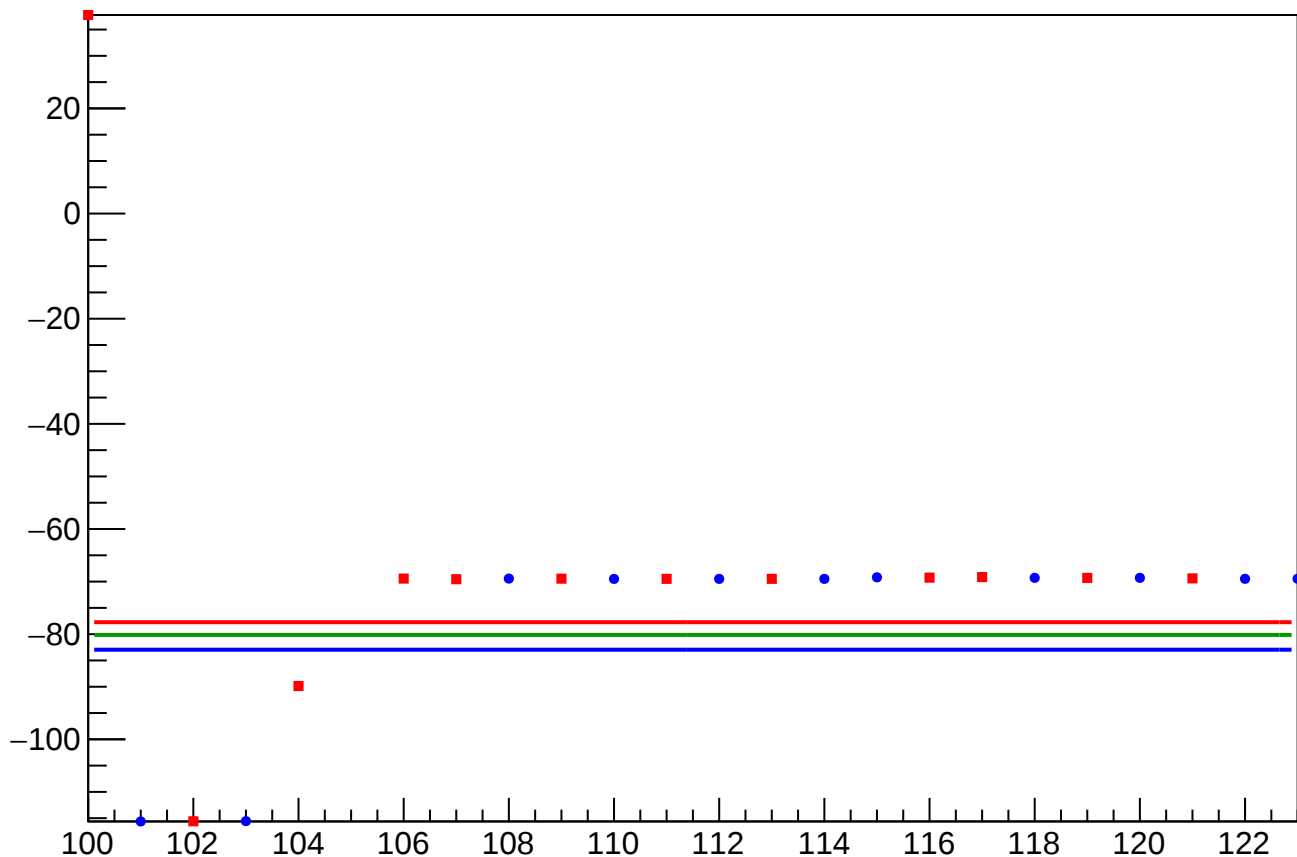
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.041+/-0.000 χ^2/NDF : 10540.8/9

0.042+/-0.000 χ^2/NDF : 106995.4/21

0.042+/-0.000 χ^2/NDF : 95732.5/11

yield_dsr_mean vs Slug, Sign Corrected



Right In: -82.954+/-0.000 χ^2/NDF : 479131838139.5/10

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

Right Out: -77.725+/-0.000 χ^2/NDF : 338727131725.6/11

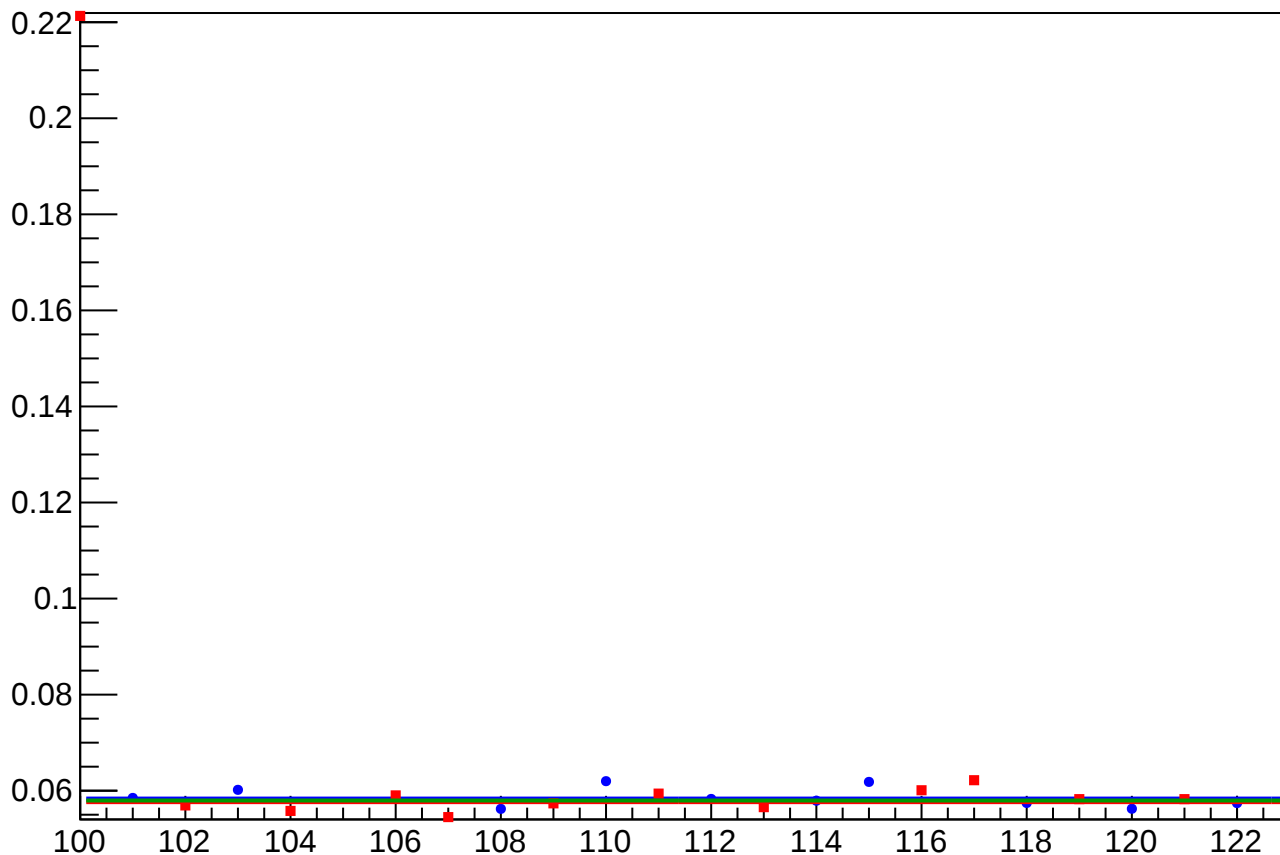
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-82.954+/-0.000 χ^2/NDF : 479131838139.5/10

-80.144+/-0.000 χ^2/NDF : 833780568418

-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 : 6819.9/10

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

Right Out: 0.058+/-0.000 χ^2/NDF : 80082.3/11

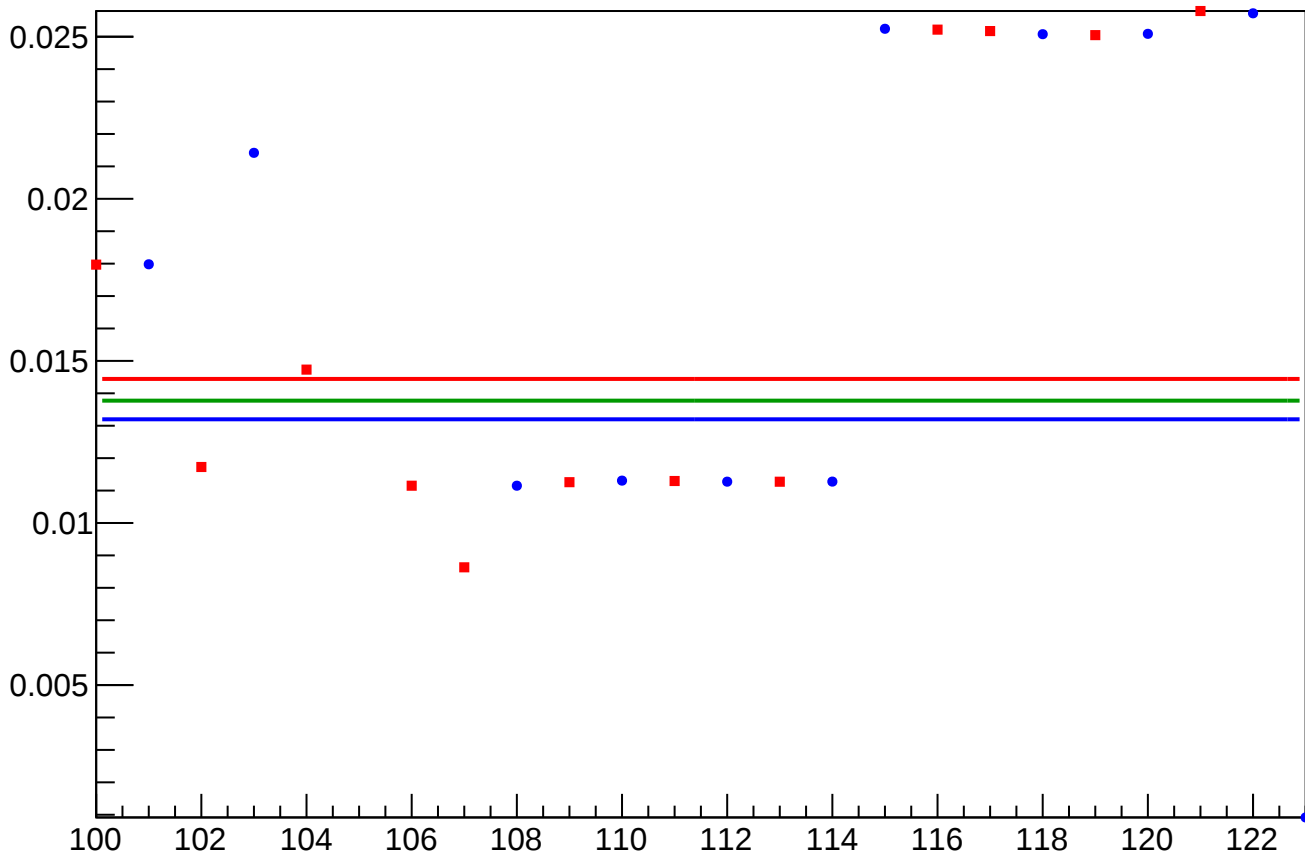
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.058+/-0.000 χ^2/NDF : 6819.9/10

0.058+/-0.000 χ^2/NDF : 87546.0/22

0.058+/-0.000 χ^2/NDF : 80082.3/11

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 76441039997.1/10

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

Right Out: 0.014+/-0.000 χ^2/NDF : 33407925011.5/11

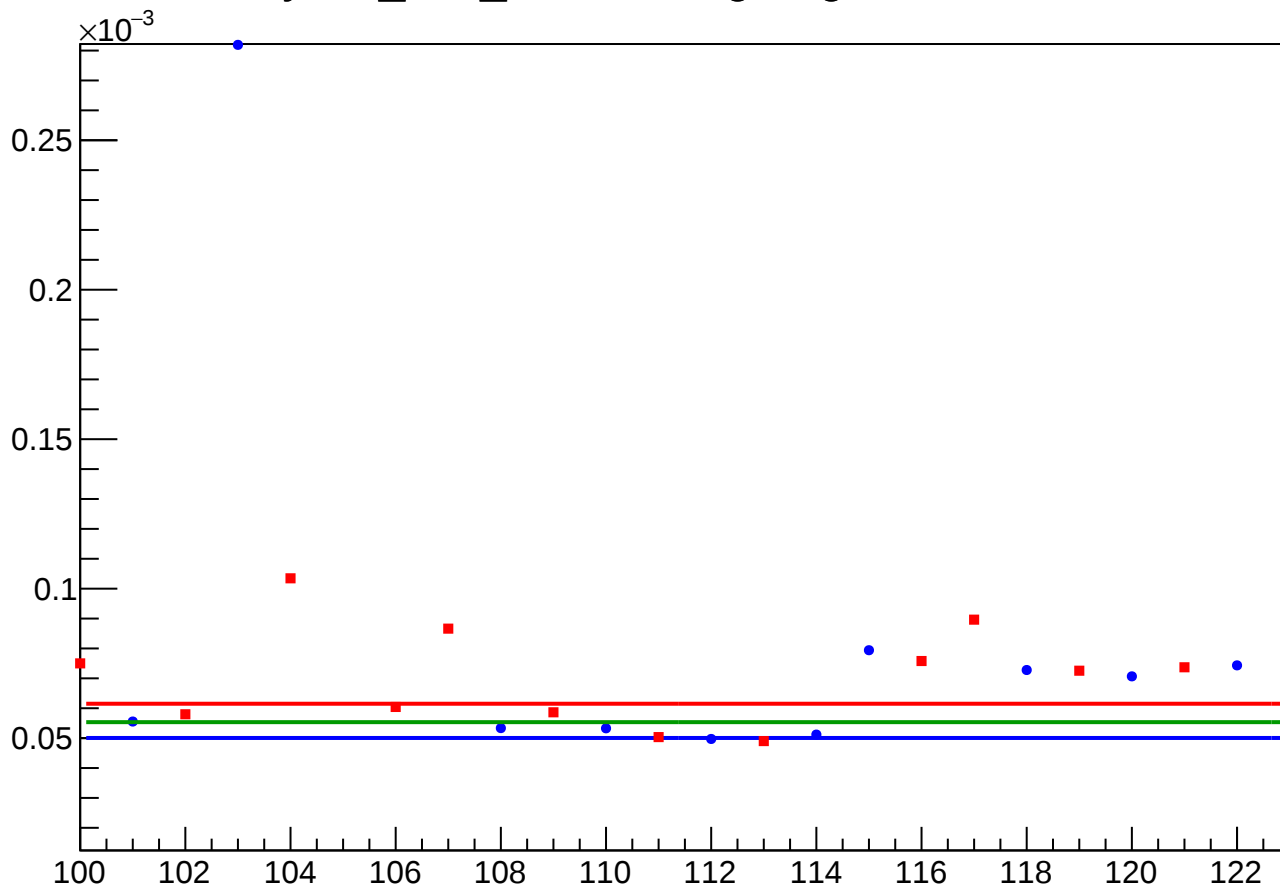
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 76441039997.1/10

0.014+/-0.000 χ^2/NDF : 110667316353.8/11

0.014+/-0.000 χ^2/NDF : 33407925011.5/11

yield_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1630236.3/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 332962.6/11

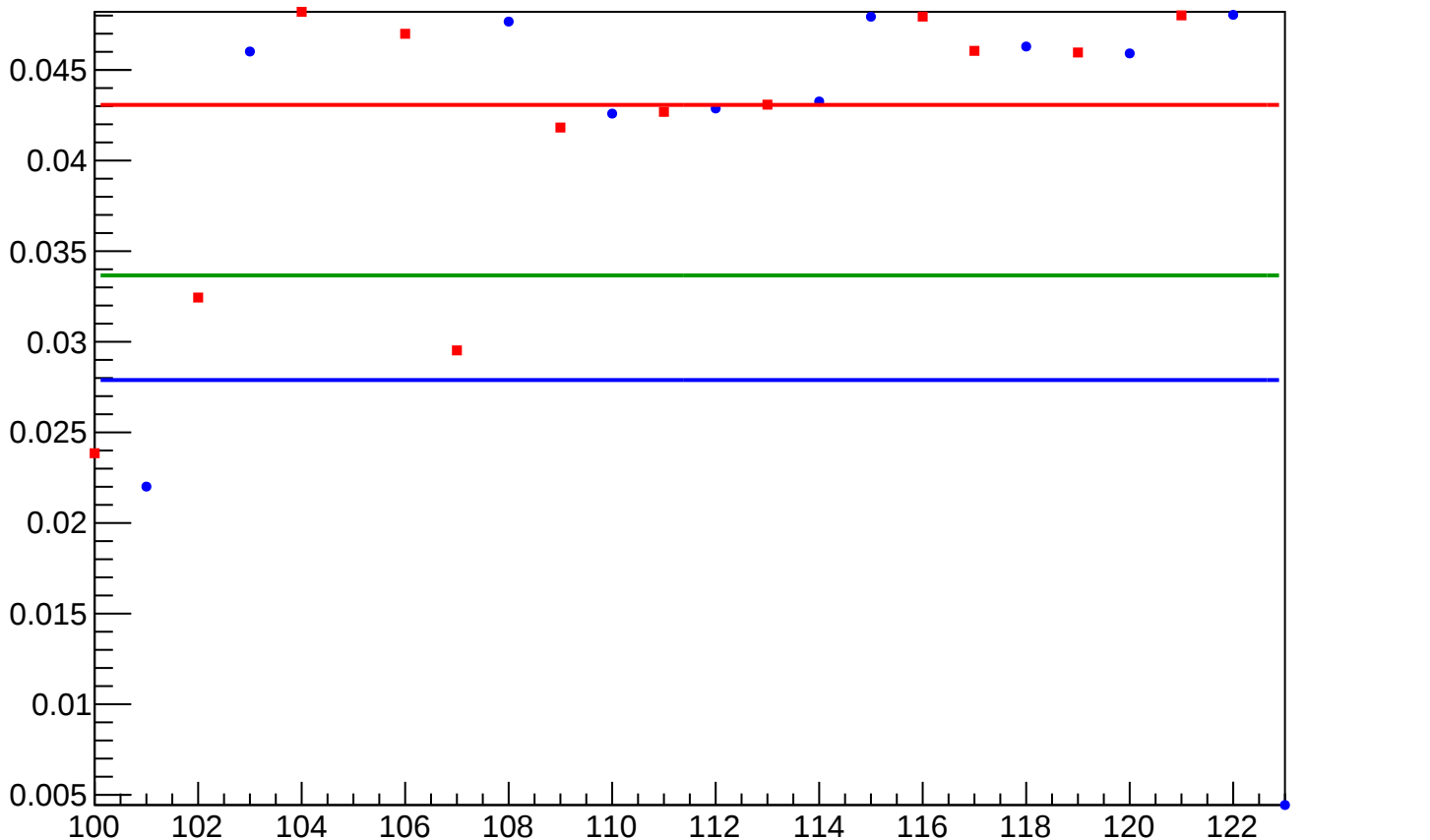
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 1630236.3/10

0.000+/-0.000 χ^2/NDF : 2101589.9/22

0.000+/-0.000 χ^2/NDF : 332962.6/11

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.028+/-0.000 χ^2/NDF : 16087182972.5/10

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

Right Out: 0.043+/-0.000 χ^2/NDF : 955850406.0/11

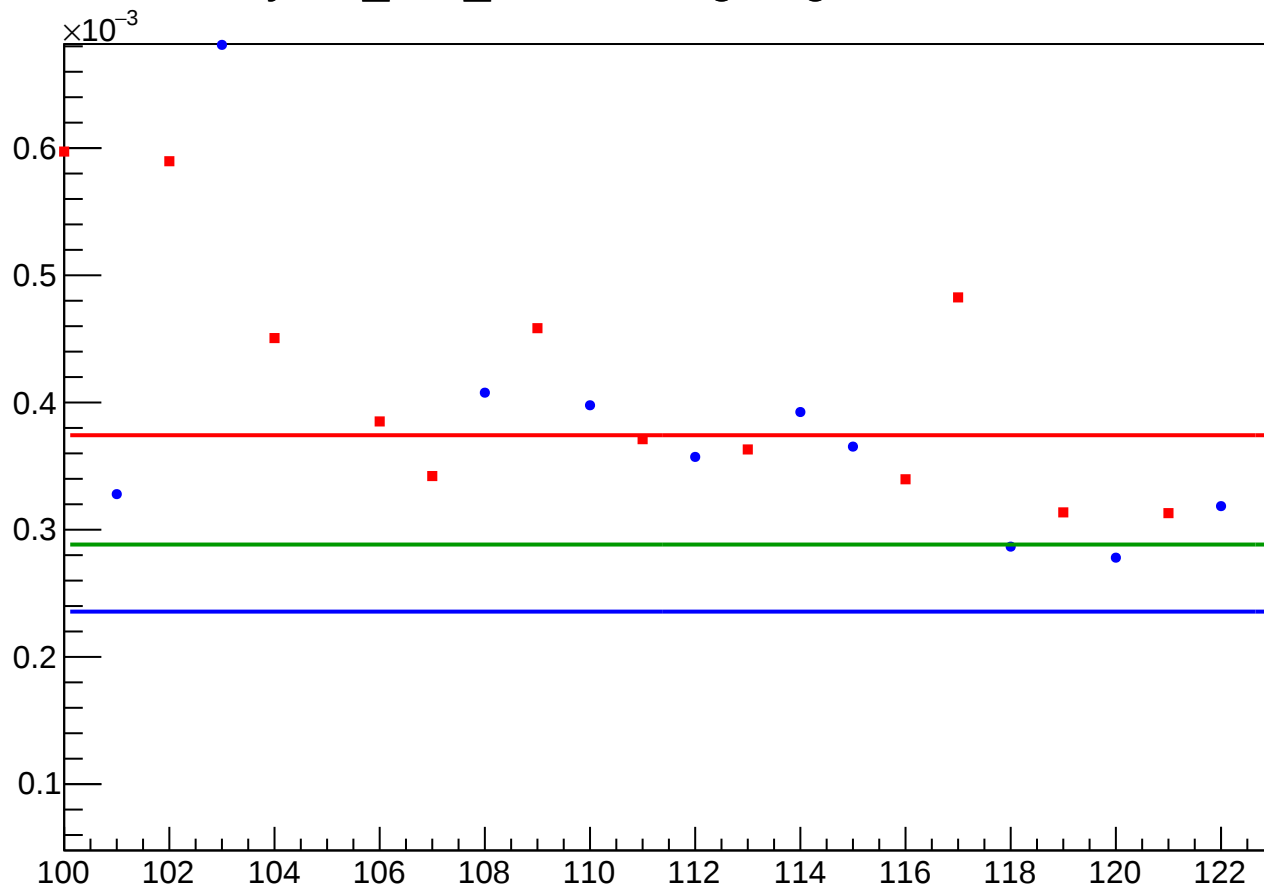
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.028+/-0.000 χ^2/NDF : 16087182972.5/10

0.034+/-0.000 χ^2/NDF : 20827020444.2/2

0.043+/-0.000 χ^2/NDF : 955850406.0/11

yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2113110.9/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 277028.5/11

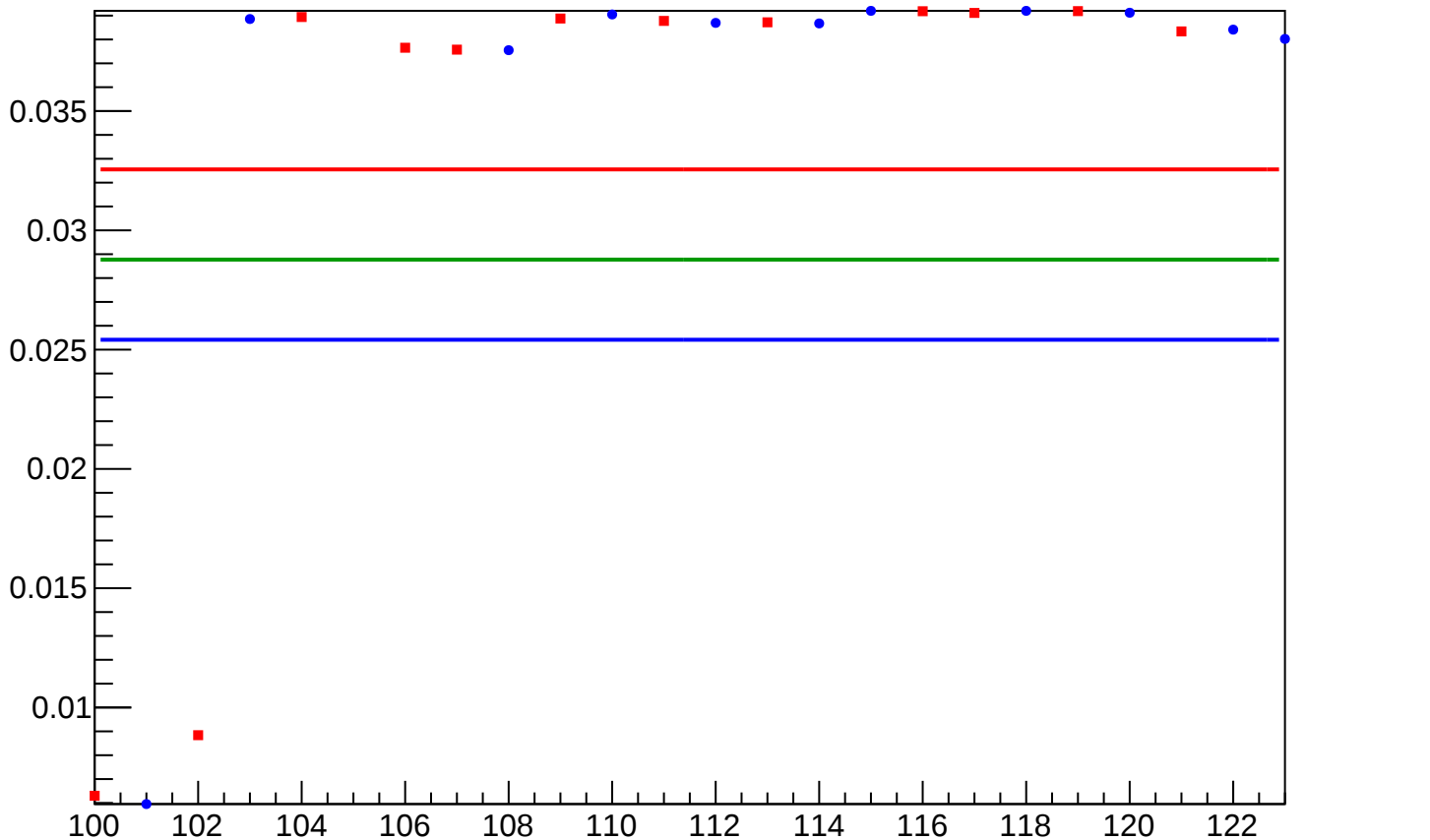
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 2113110.9/10

0.000+/-0.000 χ^2/NDF : 3021392.3/22

0.000+/-0.000 χ^2/NDF : 277028.5/11

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.000 χ^2/NDF : 79926163424.0/10

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

Right Out: 0.033+/-0.000 χ^2/NDF : 40542951204.8/11

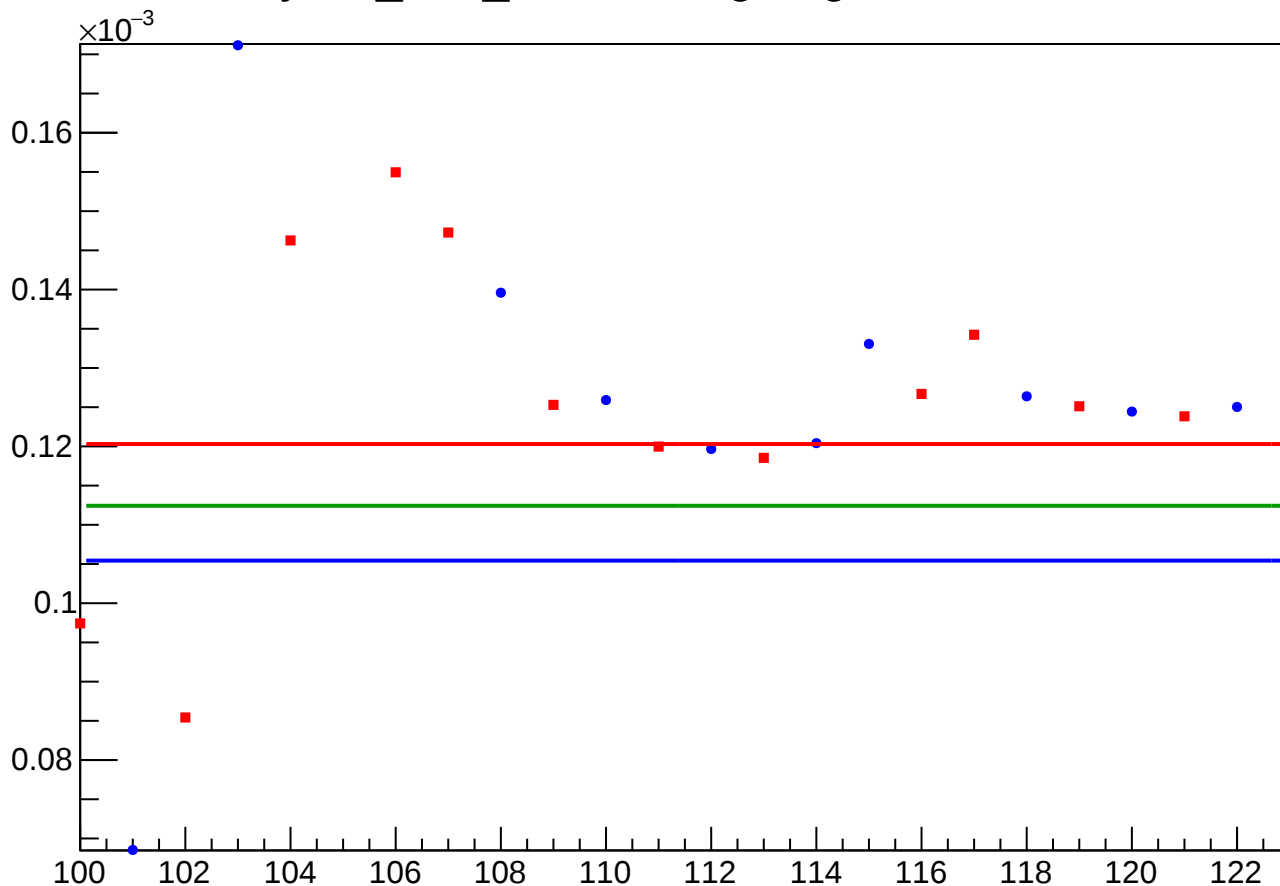
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.025+/-0.000 χ^2/NDF : 79926163424.0/10

0.029+/-0.000 χ^2/NDF : 127862248429.3/10

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 : 655984.9/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 211897.6/11

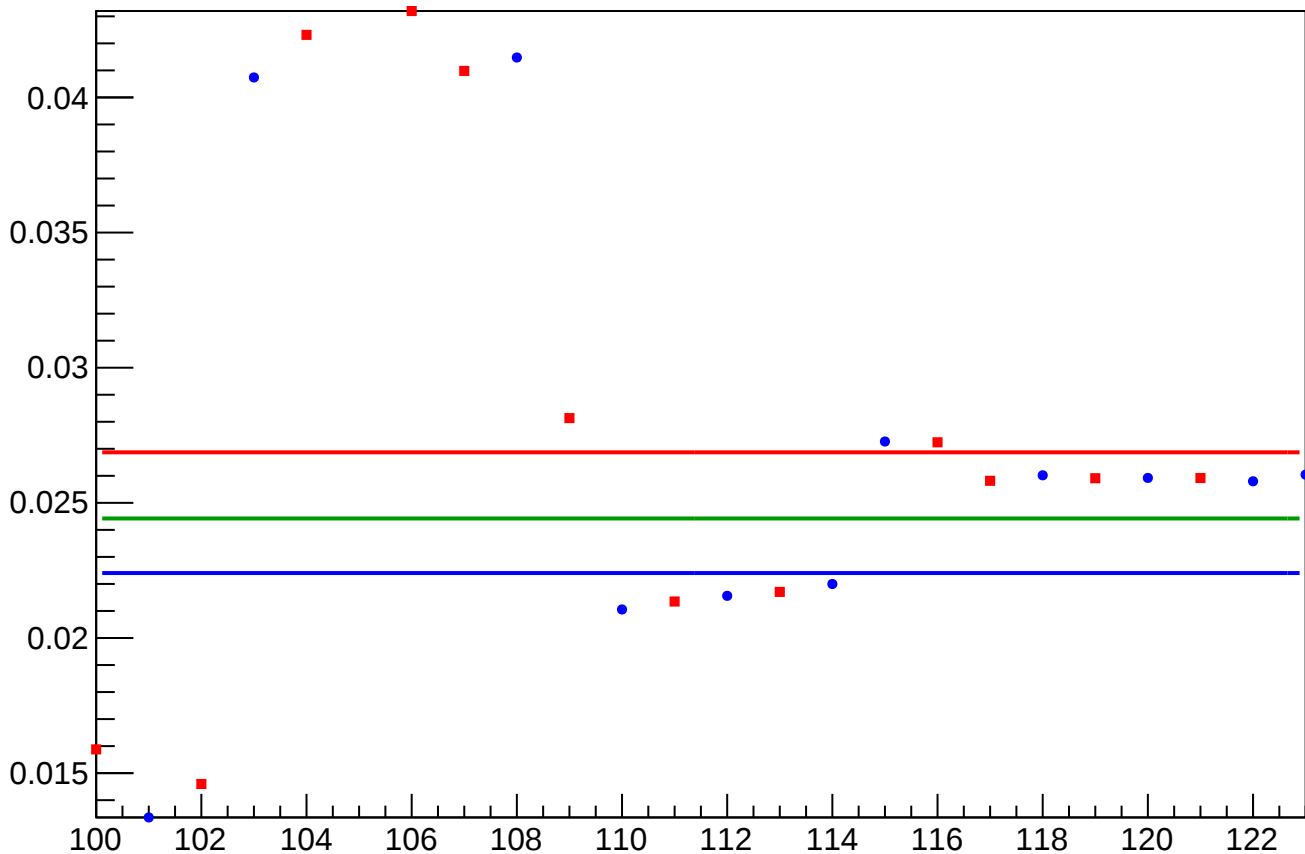
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 655984.9/10

0.000+/-0.000 χ^2/NDF : 931971.3/22

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 : 3272110520.2/10

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

Right Out: 0.027+/-0.000 χ^2/NDF : 2883183702.2/11

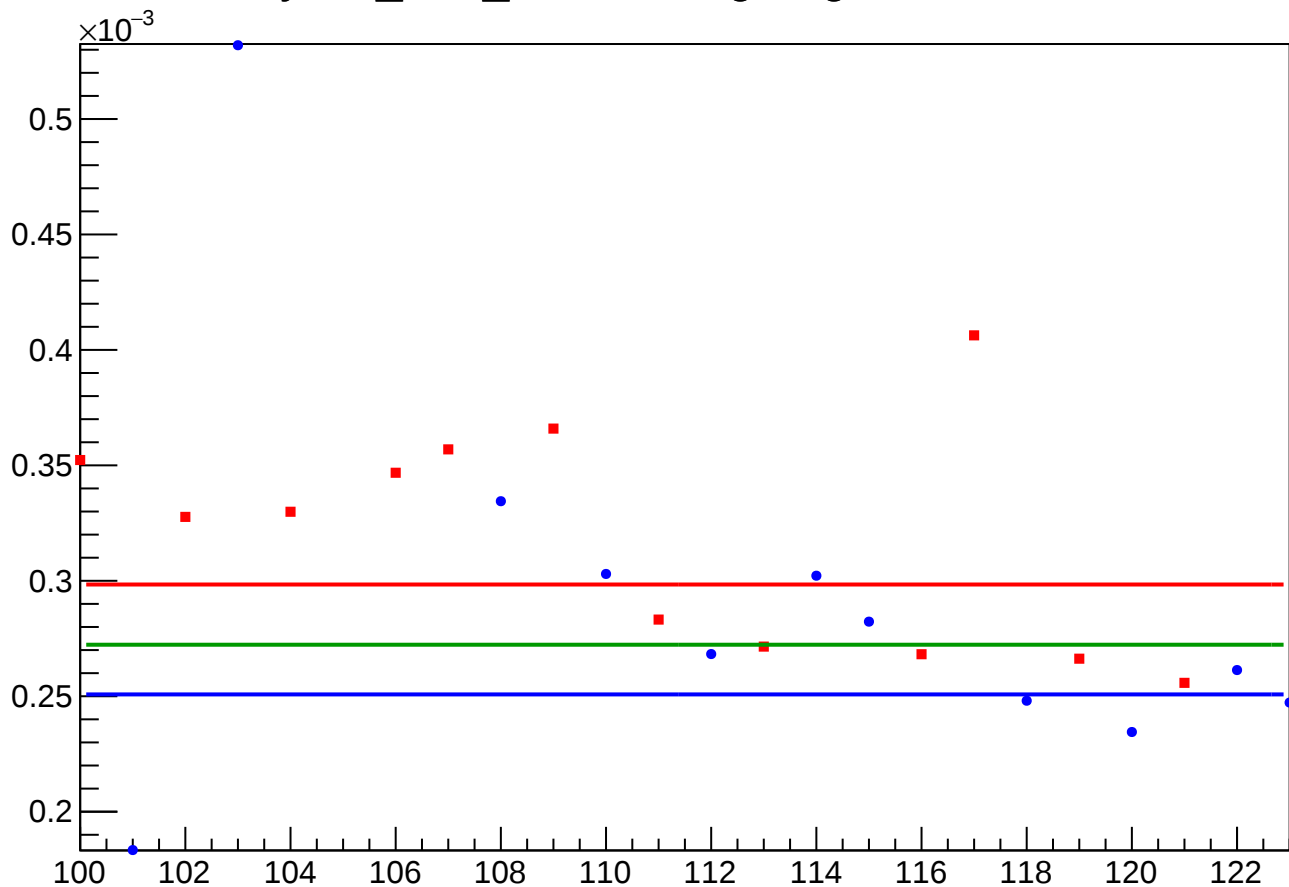
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.022+/-0.000 χ^2/NDF : 3272110520.2/10

0.024+/-0.000 χ^2/NDF : 6614845311.8/22

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 : 511966.1/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 128294.6/11

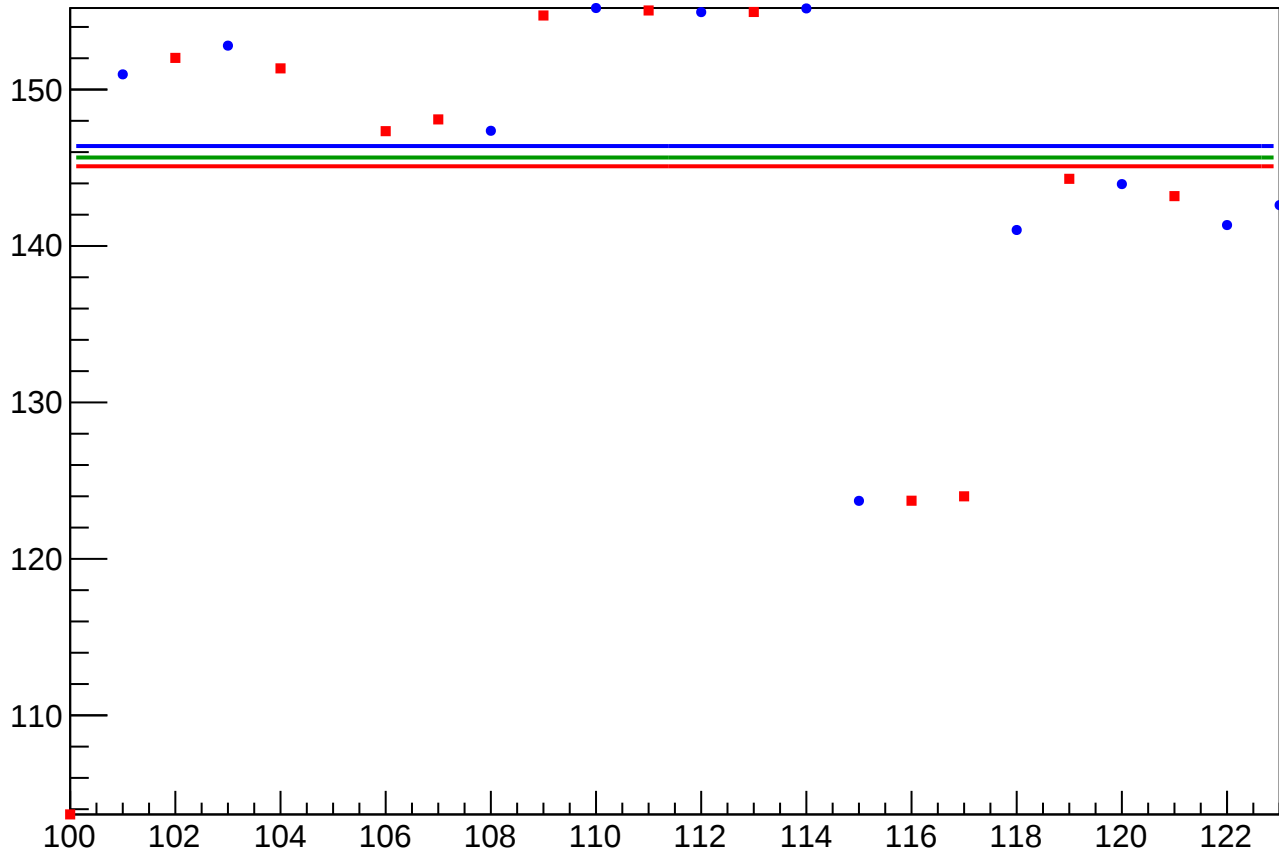
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 511966.1/10

0.000+/-0.000 χ^2/NDF : 744667.9/22

0.000+/-0.000 χ^2/NDF : 128294.6/11

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 146.388+/-0.000 χ^2/NDF : 1955298716.6/10

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

Right Out: 145.094+/-0.000 χ^2/NDF : 4240872602.0/11

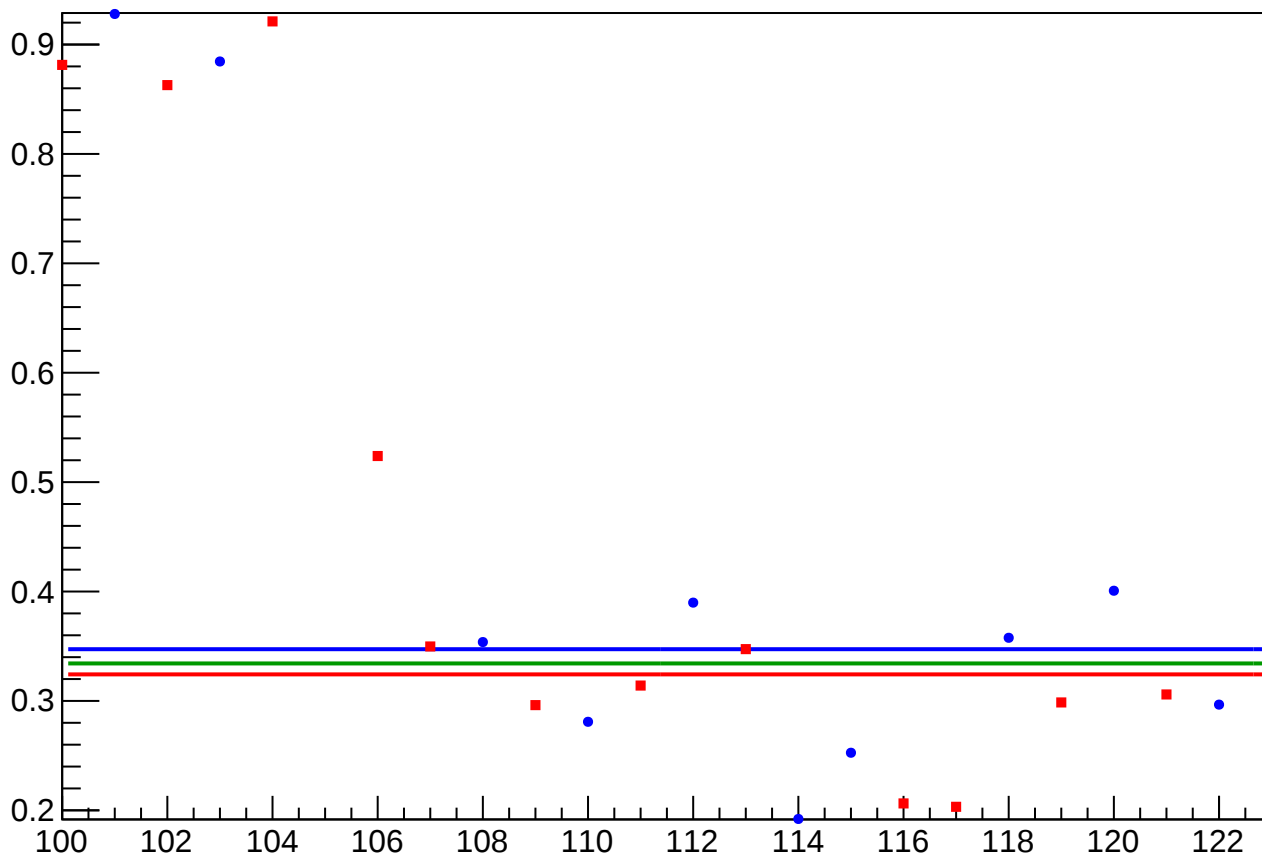
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

146.388+/-0.000 χ^2/NDF : 1955298716.6/10

145.656+/-0.000 χ^2/NDF : 6219470145.9/10

145.094+/-0.000 χ^2/NDF : 4240872602.0/11

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.347+/-0.000 χ^2/NDF : 1088300.9/10

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

Right Out: 0.324+/-0.000 χ^2/NDF : 1136882.4/11

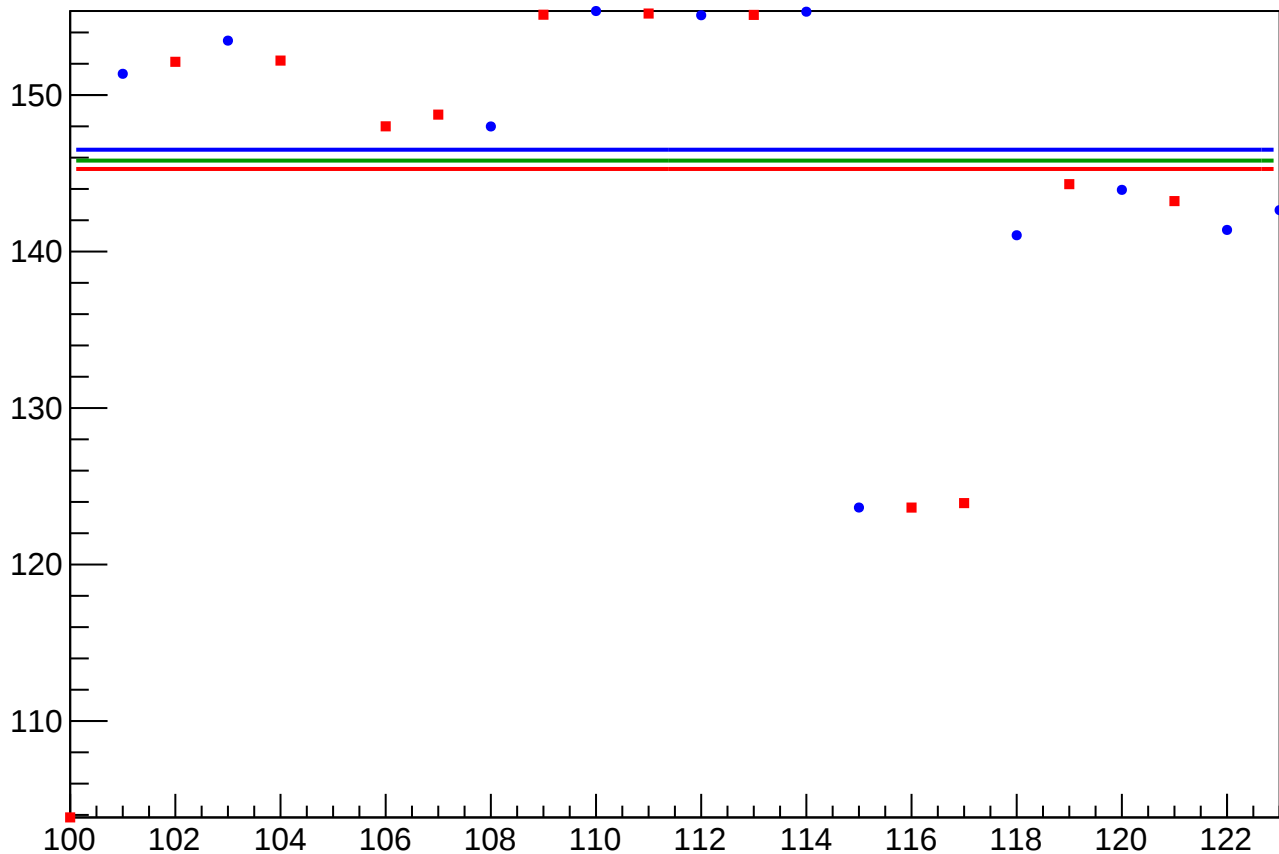
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.347+/-0.000 χ^2/NDF : 1088300.9/10

0.334+/-0.000 χ^2/NDF : 2239939.1/22

0.324+/-0.000 χ^2/NDF : 1136882.4/11

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 146.508+/-0.000 χ^2/NDF : 1969330161.7/10

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

Right Out: 145.276+/-0.000 χ^2/NDF : 4252768927.7/11

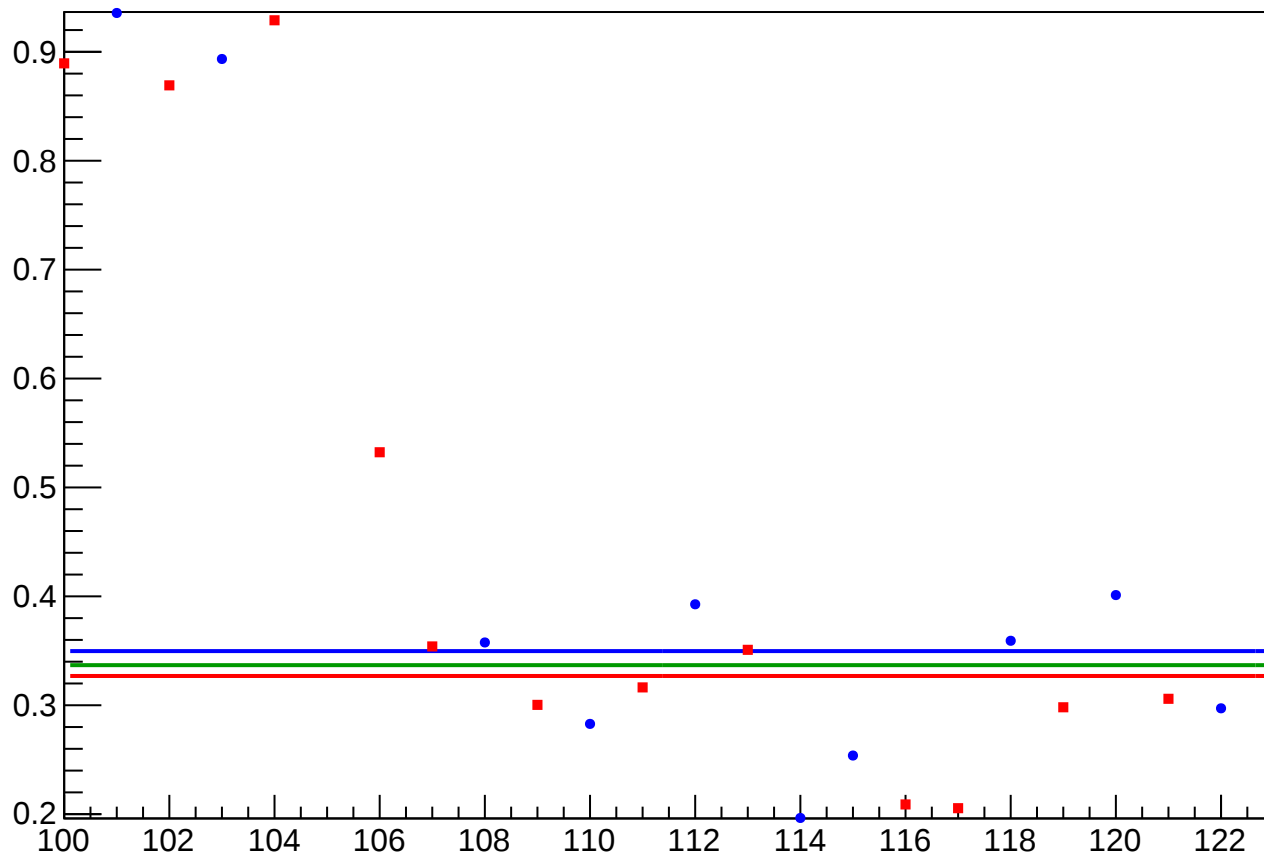
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

146.508+/-0.000 χ^2/NDF : 1969330161.7/10

145.812+/-0.000 χ^2/NDF : 6242906736.4/10

145.276+/-0.000 χ^2/NDF : 4252768927.7/11

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.350+/-0.000 χ^2/NDF : 1085435.0/10

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

Right Out: 0.327+/-0.000 χ^2/NDF : 1137130.7/11

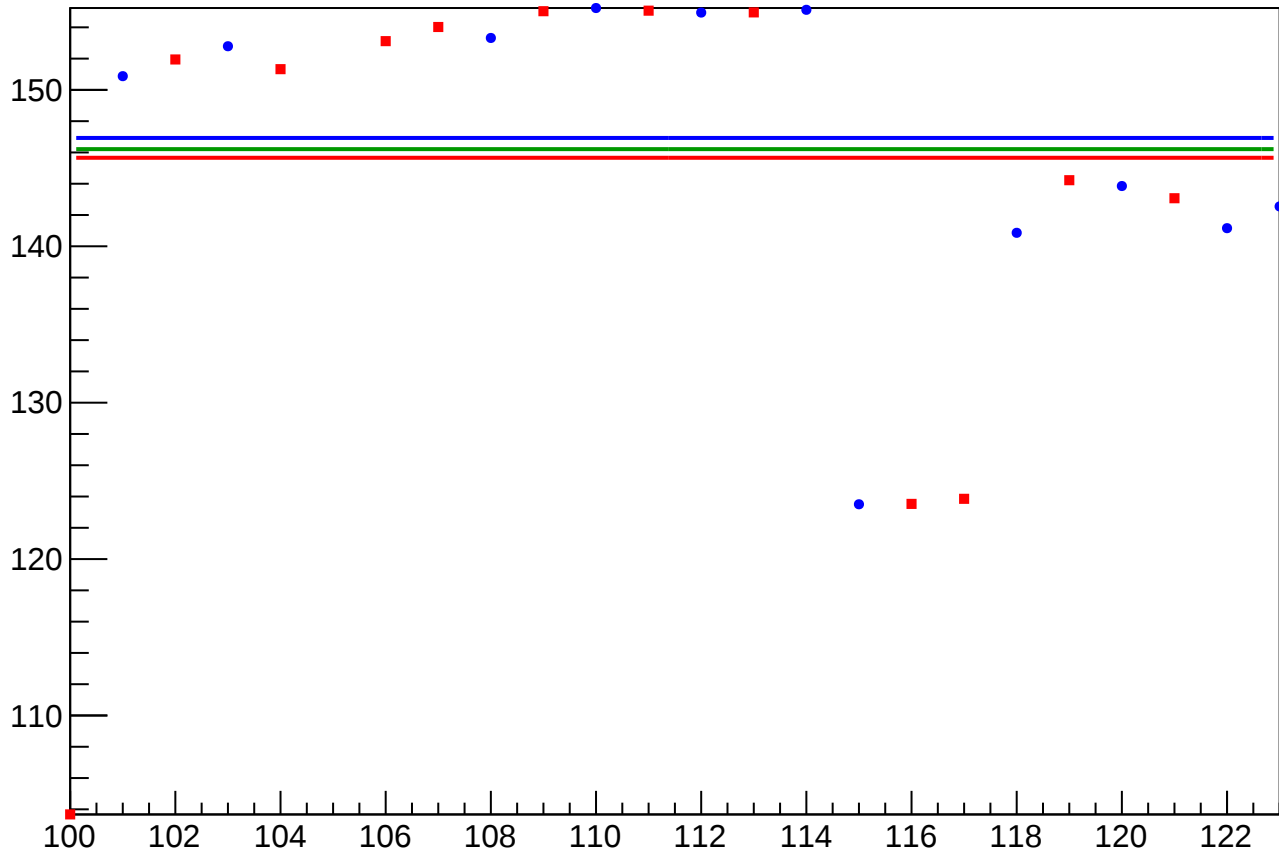
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.350+/-0.000 χ^2/NDF : 1085435.0/10

0.337+/-0.000 χ^2/NDF : 2236900.3/22

0.327+/-0.000 χ^2/NDF : 1137130.7/11

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 146.928+/-0.000 χ^2/NDF : 2095435631.9/10

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

Right Out: 145.660+/-0.000 χ^2/NDF : 4489254467.9/11

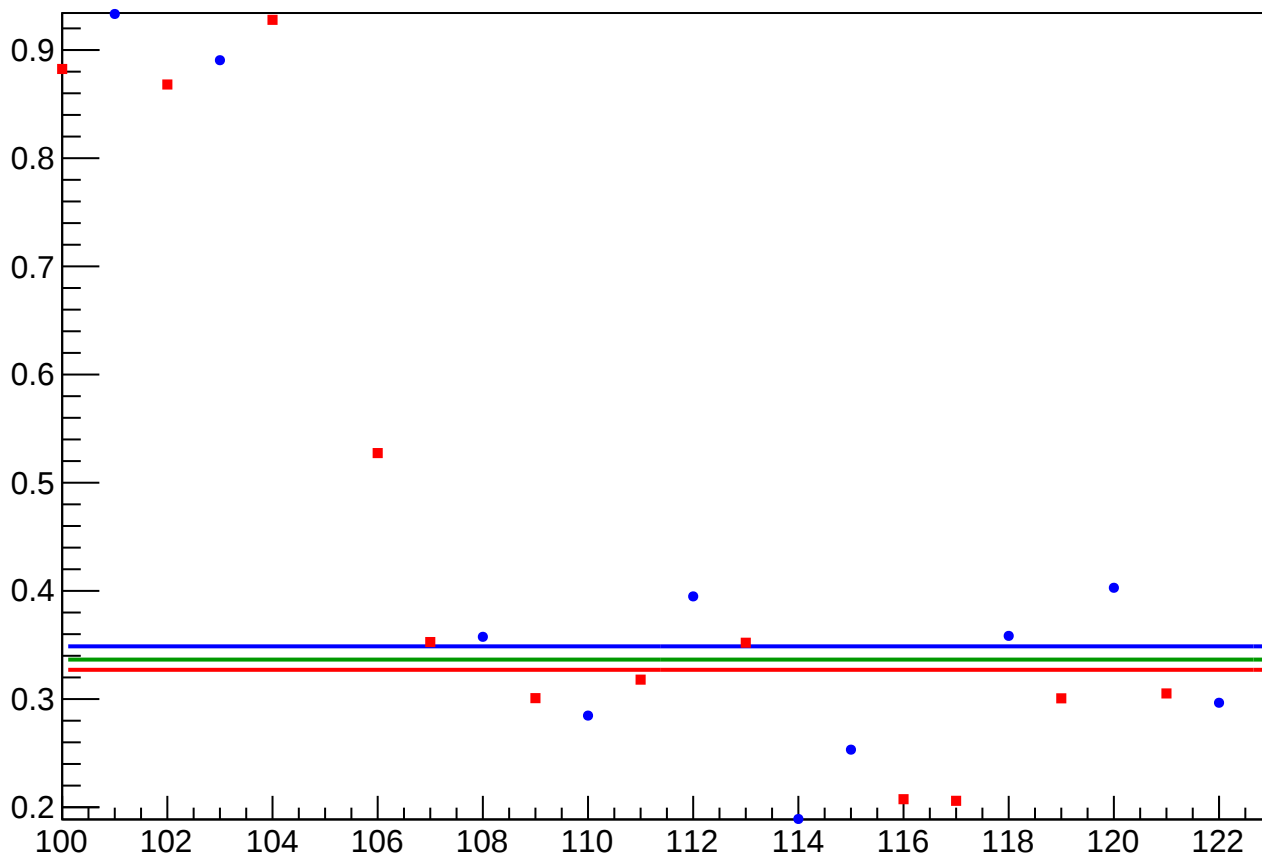
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

146.928+/-0.000 χ^2/NDF : 2095435631.9/10

146.212+/-0.000 χ^2/NDF : 6606775199.0/10

145.660+/-0.000 χ^2/NDF : 4489254467.9/11

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.349+/-0.000 χ^2/NDF : 1099081.4/10

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

Right Out: 0.327+/-0.000 χ^2/NDF : 1136933.4/11

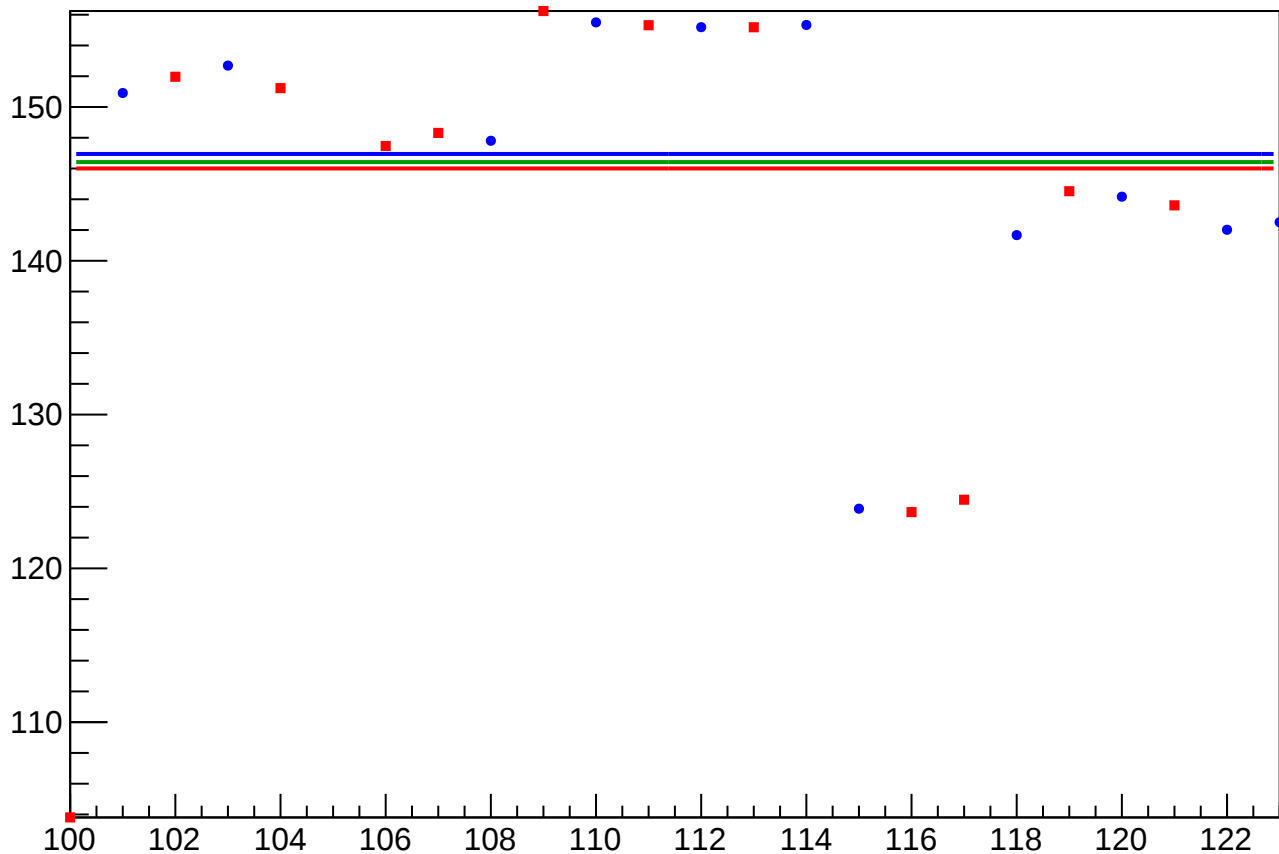
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.349+/-0.000 χ^2/NDF : 1099081.4/10

0.336+/-0.000 χ^2/NDF : 2248944.5/22

0.327+/-0.000 χ^2/NDF : 1136933.4/11

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 146.946 $\pm$ 0.000 χ^2 /NDF: 1742286586.8/10

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

Right Out: 146.002 $\pm$ 0.000 χ^2 /NDF: 3797612705.0/11

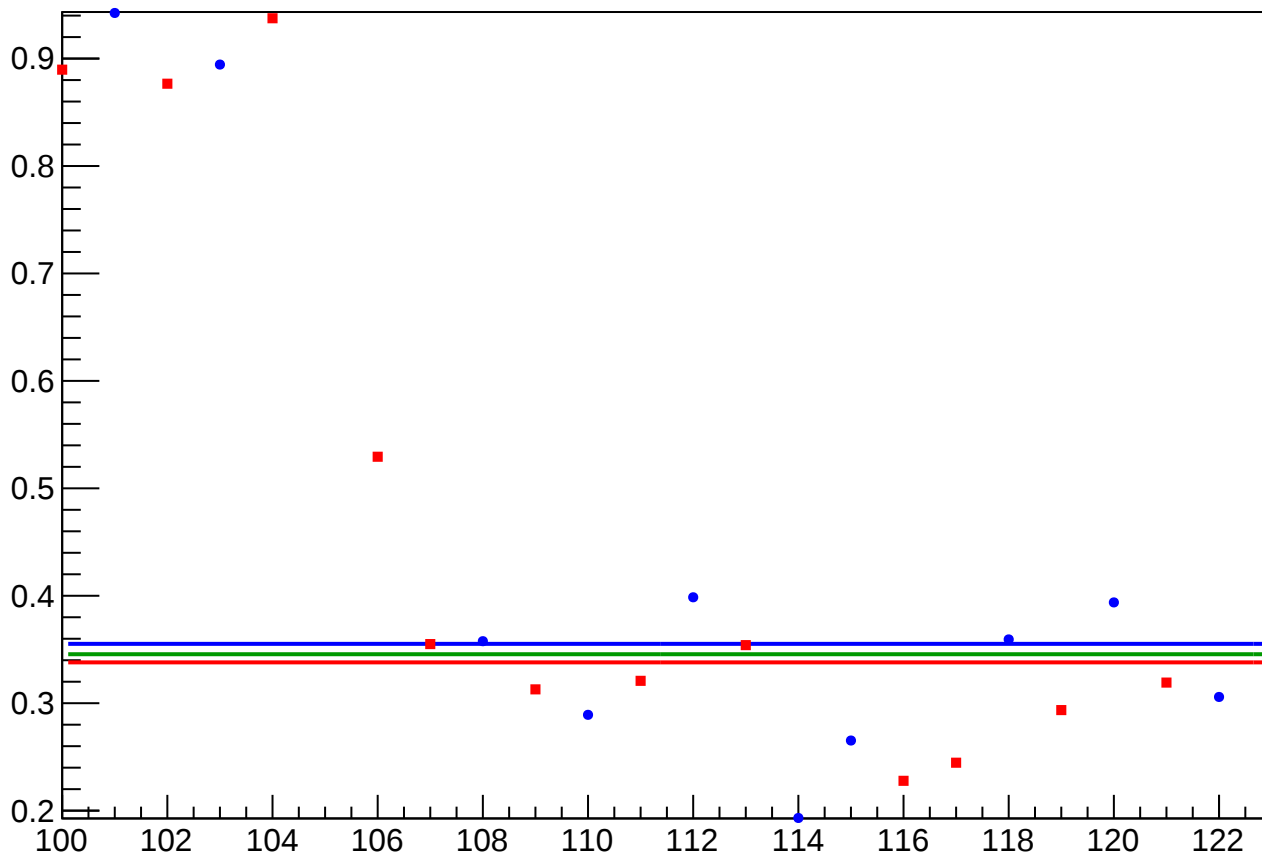
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

146.946 $\pm$ 0.000 χ^2 /NDF: 1742286586.8/10

146.418 $\pm$ 0.000 χ^2 /NDF: 5551599189.7/11

146.002 $\pm$ 0.000 χ^2 /NDF: 3797612705.0/11

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.355+/-0.000 χ^2/NDF : 1067340.2/10

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

Right Out: 0.338+/-0.000 χ^2/NDF : 1059691.9/11

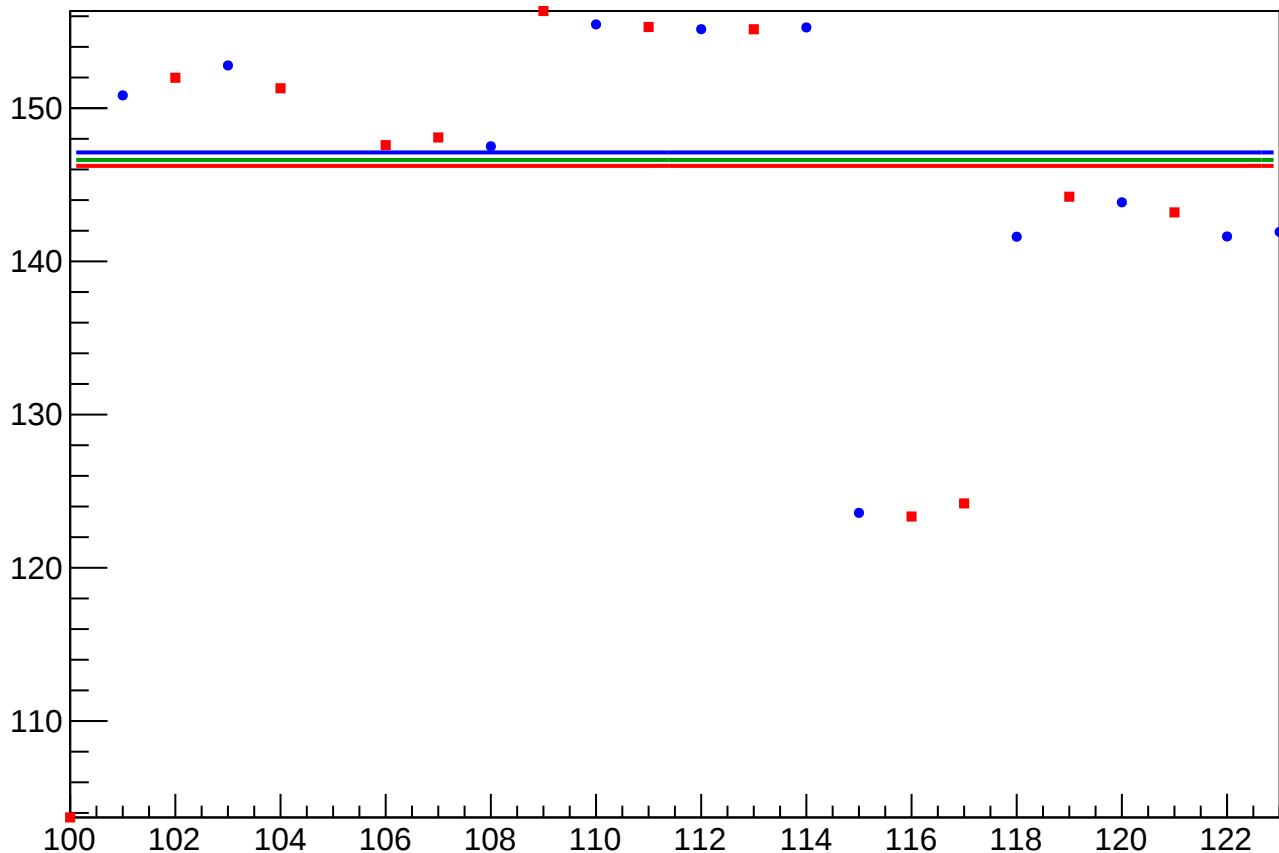
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.355+/-0.000 χ^2/NDF : 1067340.2/10

0.346+/-0.000 χ^2/NDF : 2134852.6/22

0.338+/-0.000 χ^2/NDF : 1059691.9/11

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 147.110+/-0.000 χ^2/NDF : 1771400993.4/10

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

Right Out: 146.233+/-0.000 χ^2/NDF : 3801336969.2/11

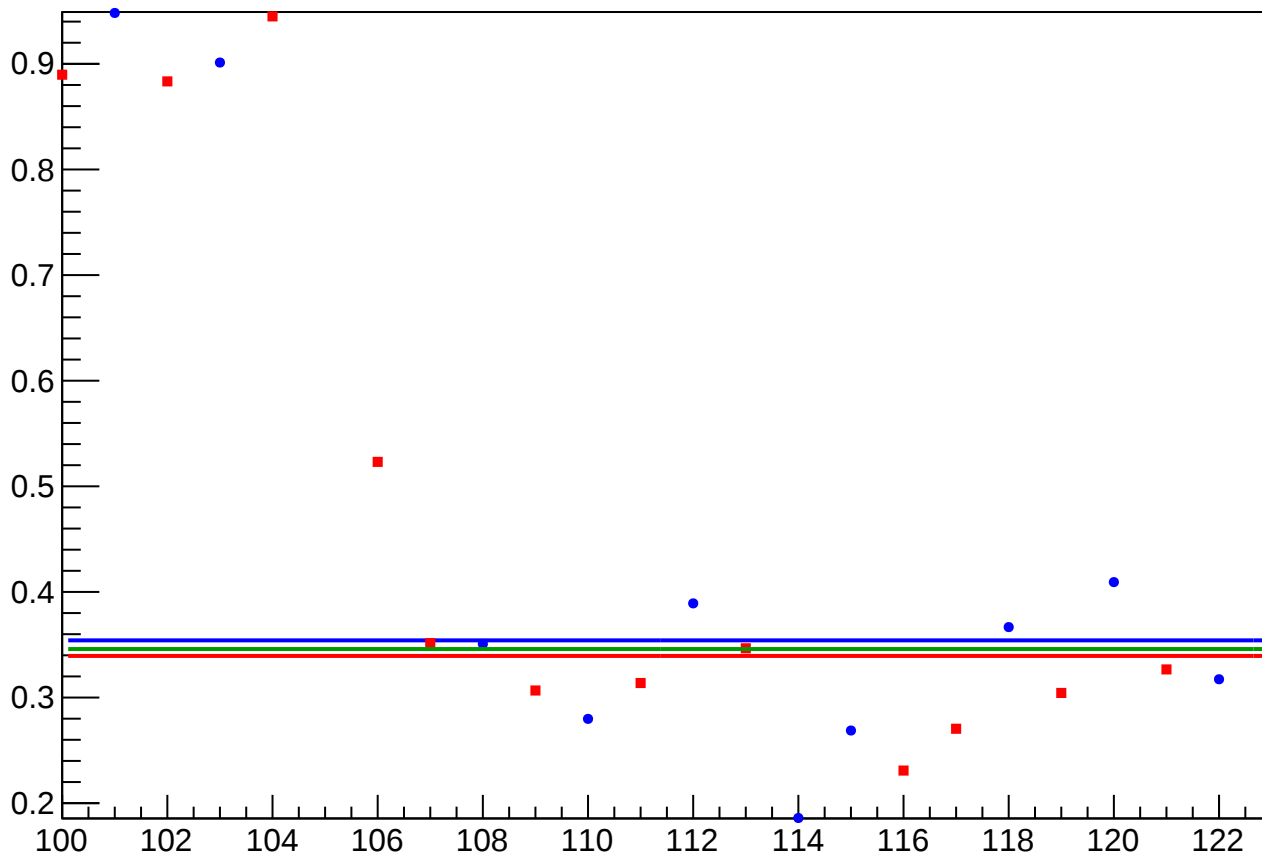
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

147.110+/-0.000 χ^2/NDF : 1771400993.4/10

146.621+/-0.000 χ^2/NDF : 5582830112.8/10

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 : 1095660.3/10

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

Right Out: 0.339+/-0.000 χ^2/NDF : 1042527.2/11

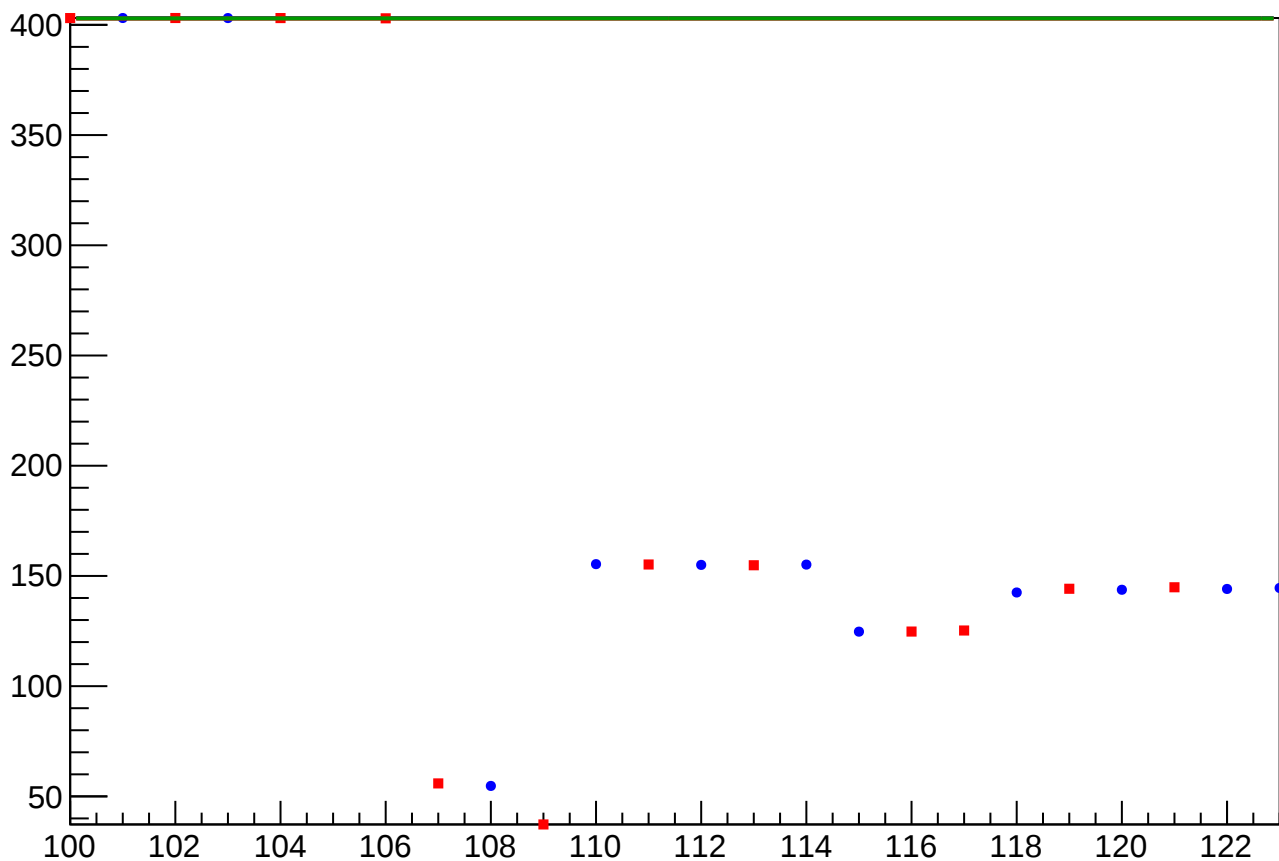
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.354+/-0.000 χ^2/NDF : 1095660.3/10

0.346+/-0.000 χ^2/NDF : 2143893.7/22

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 : 483797663480.8/10

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

Right Out: 402.852+/-0.000 χ^2/NDF : 2617253519654.9/11

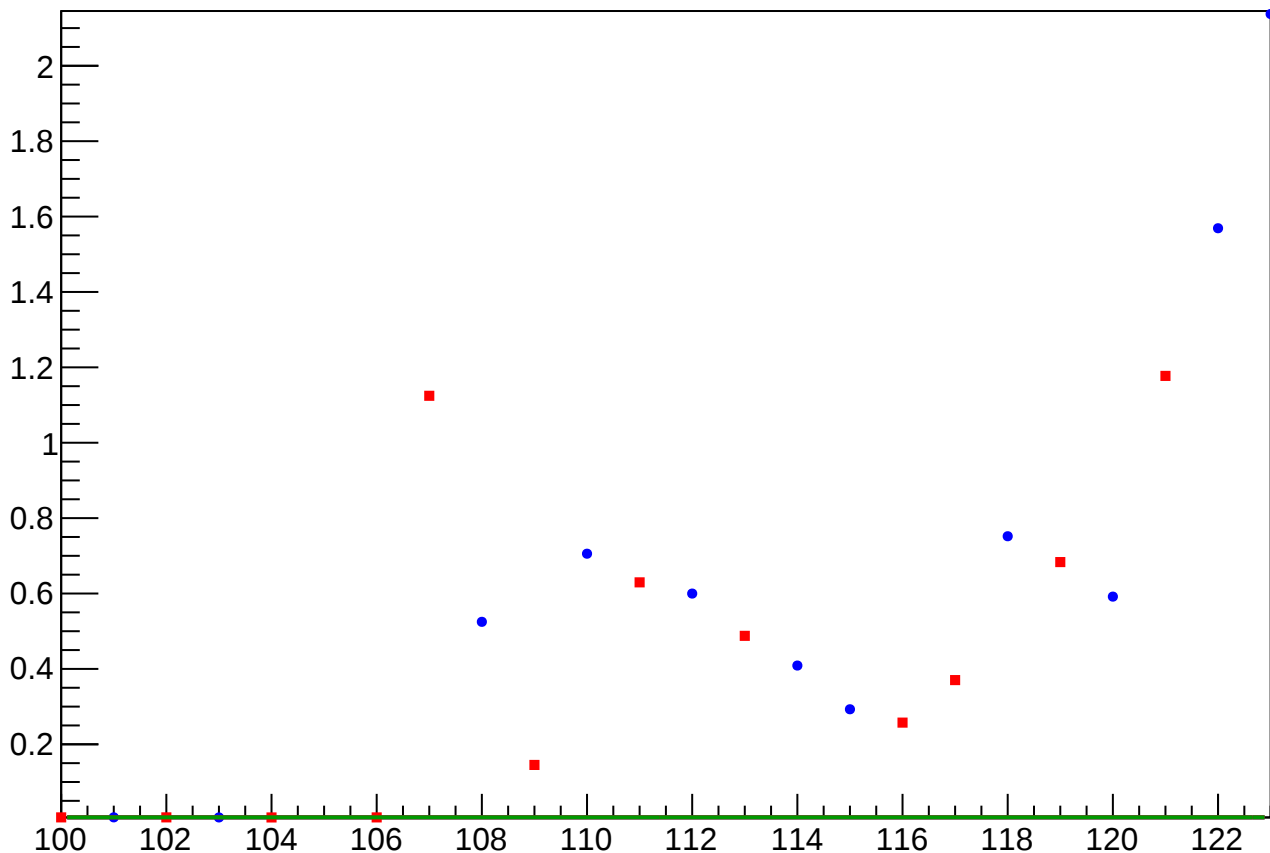
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

403.034+/-0.000 χ^2/NDF : 483797663480.8/10

402.937+/-0.000 χ^2/NDF : 310159708452

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 : 4352313.3/10

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

Right Out: 0.006+/-0.000 χ^2/NDF : 4504249.3/11

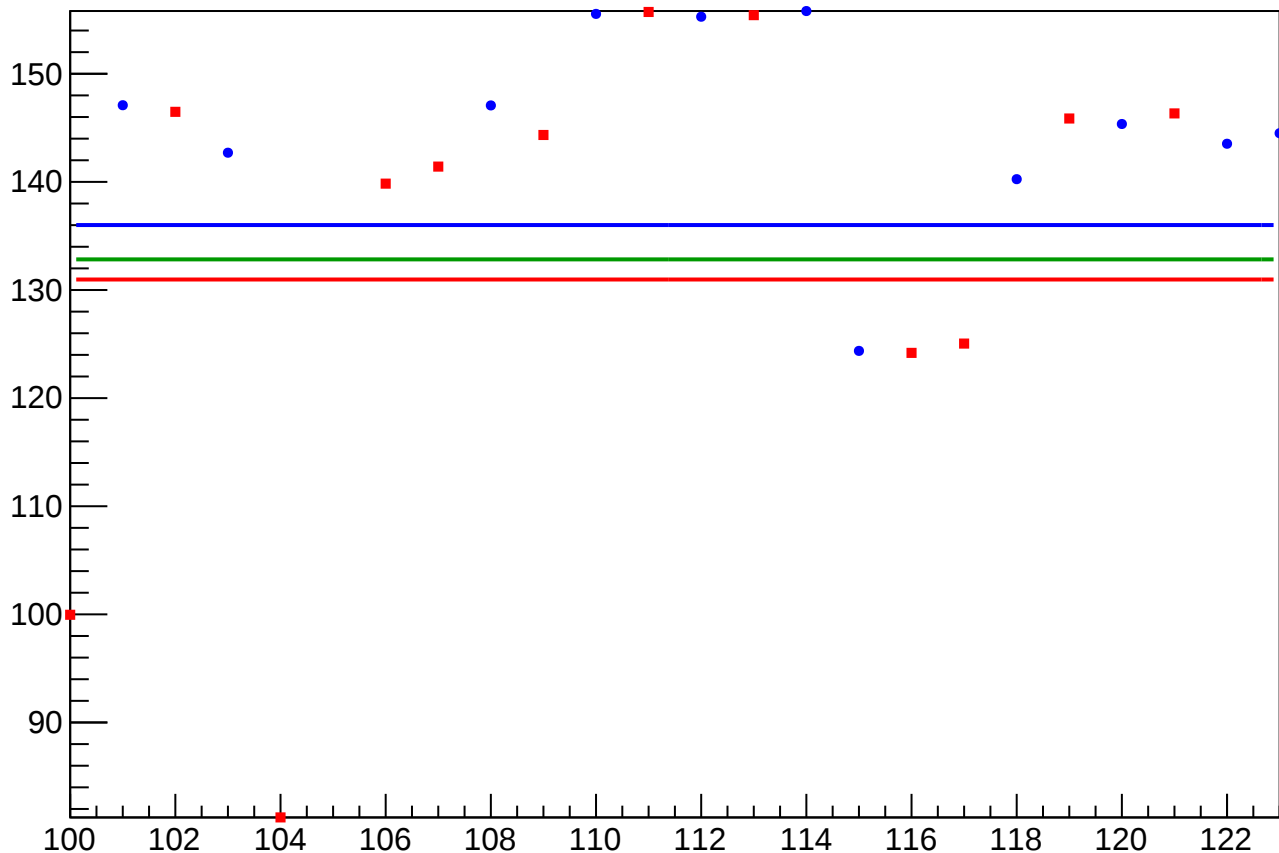
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 4352313.3/10

0.006+/-0.000 χ^2/NDF : 8856585.2/22

0.006+/-0.000 χ^2/NDF : 4504249.3/11

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 136.008+/-0.001 χ^2/NDF : 478572952.9/10

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

Right Out: 130.972+/-0.000 χ^2/NDF : 890810931.2/11

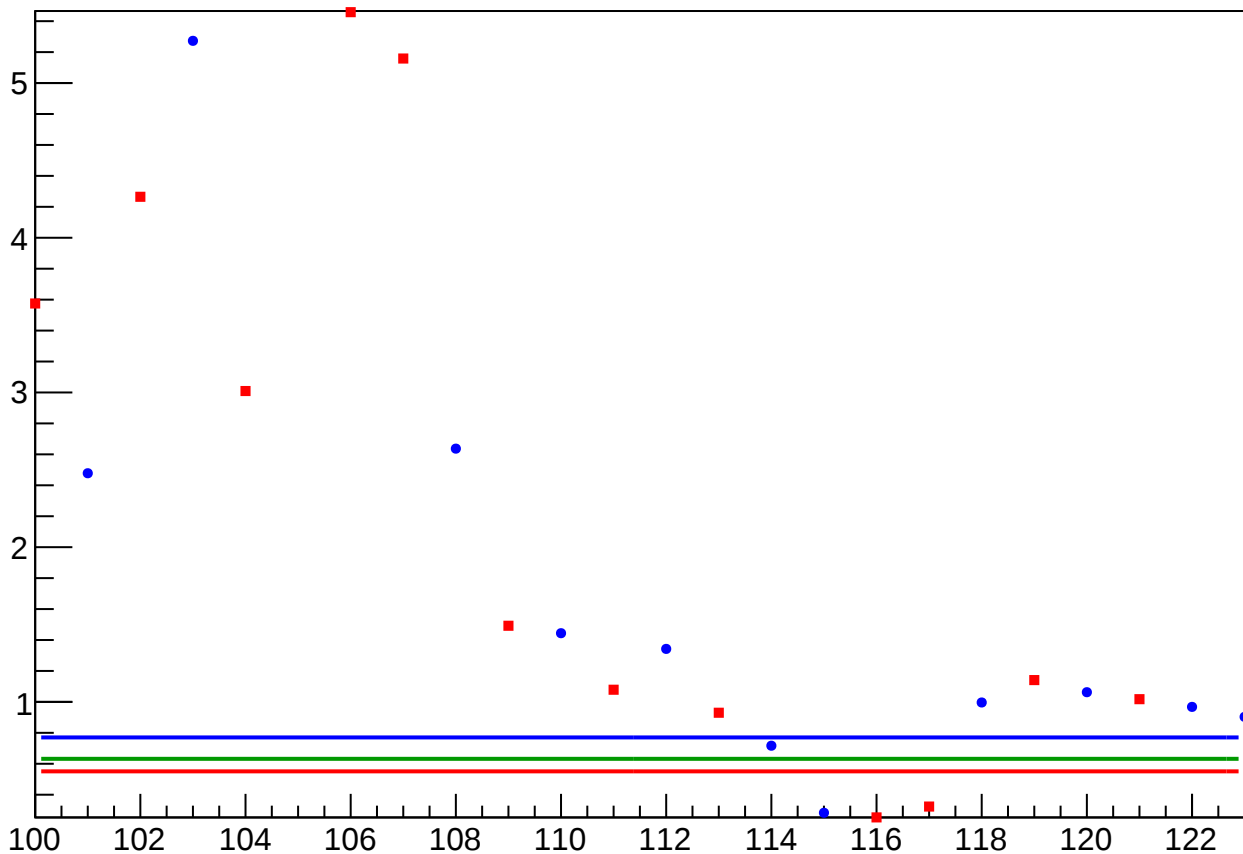
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

136.008+/-0.001 χ^2/NDF : 478572952.9/10

132.833+/-0.000 χ^2/NDF : 1421613917.5/11

130.972+/-0.000 χ^2/NDF : 890810931.2/11

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.770+/-0.000 χ^2/NDF : 2750110.4/10

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

Right Out: 0.551+/-0.000 χ^2/NDF : 4069404.3/11

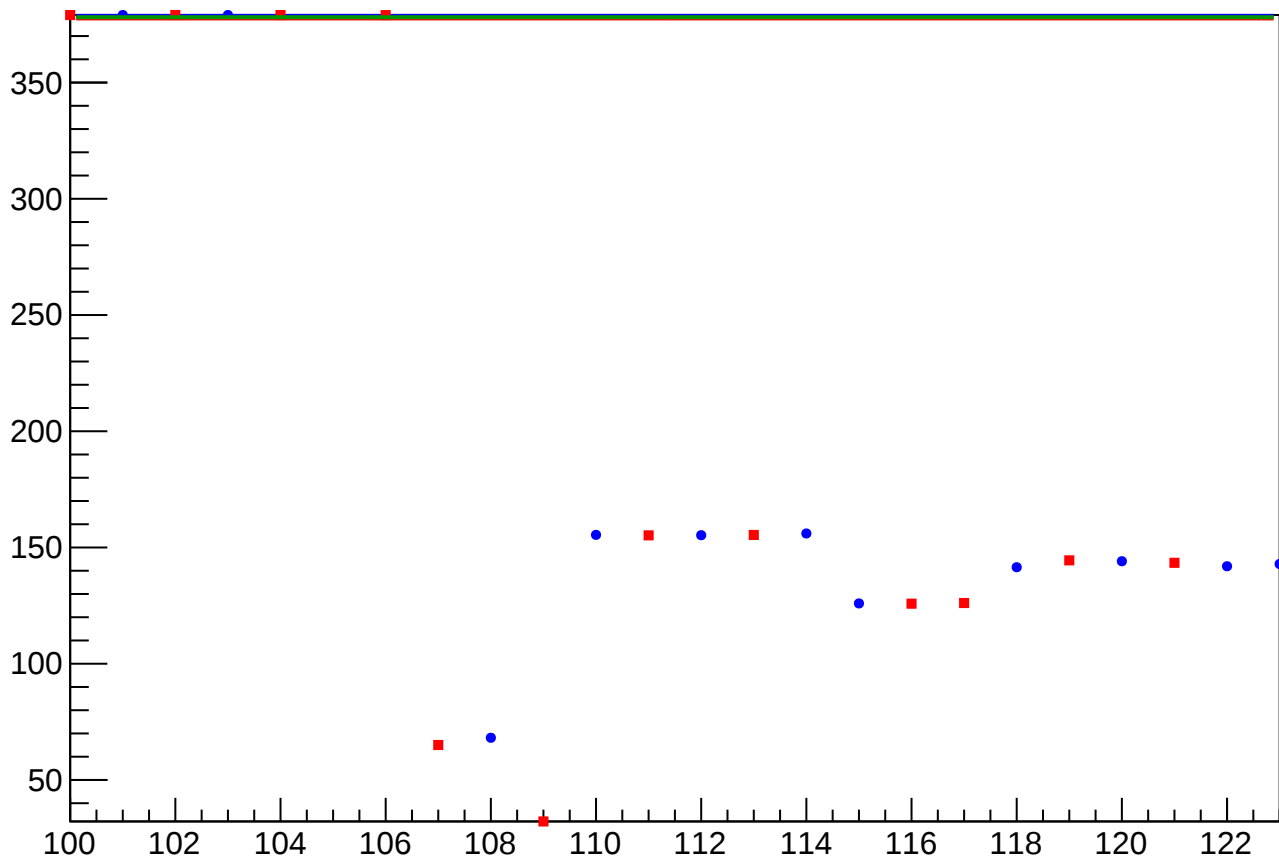
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.770+/-0.000 χ^2/NDF : 2750110.4/10

0.632+/-0.000 χ^2/NDF : 7017554.2/22

0.551+/-0.000 χ^2/NDF : 4069404.3/11

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 378.699+/-0.000 χ^2/NDF : 1200539757701.7/10

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

Right Out: 377.579+/-0.000 χ^2/NDF : 7252180513882.6/11

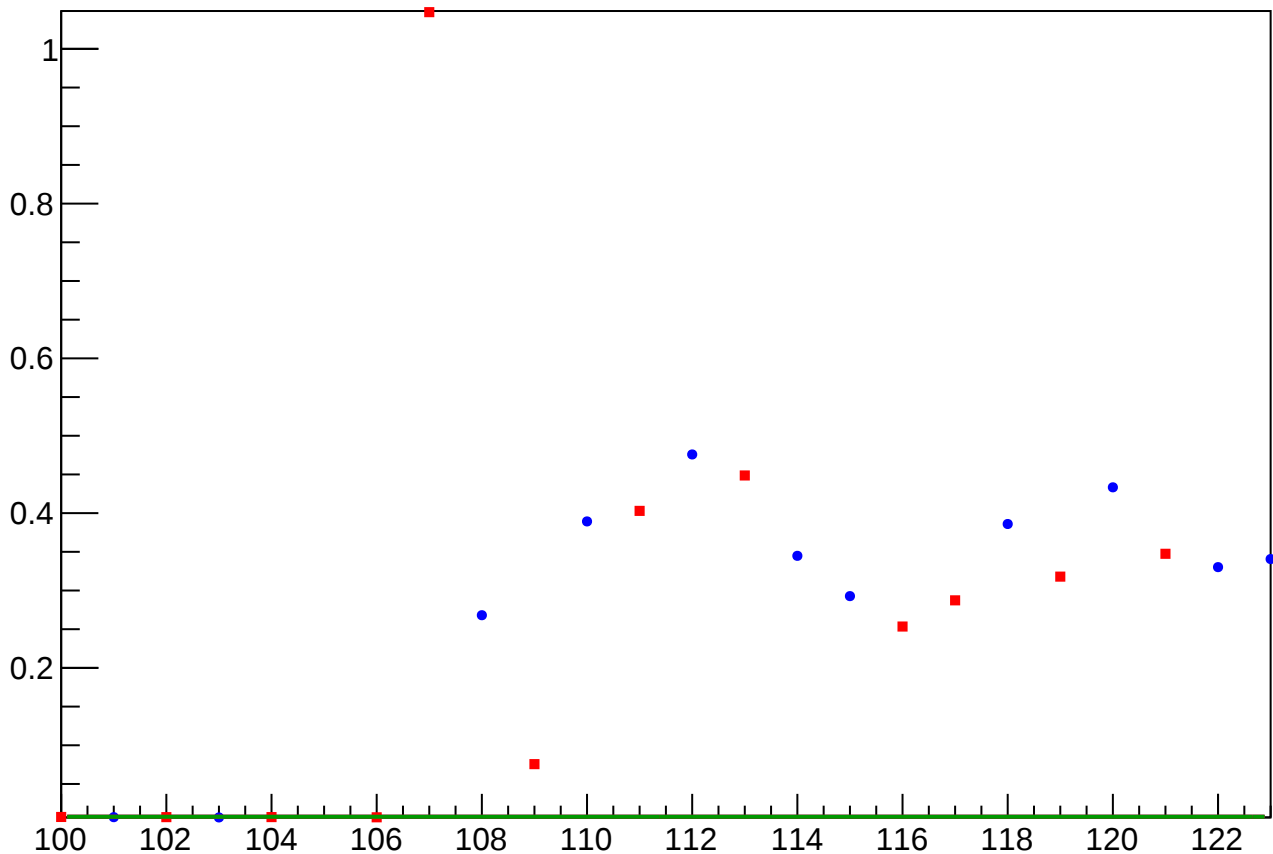
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

378.699+/-0.000 χ^2/NDF : 1200539757701.7/10

378.102+/-0.000 χ^2/NDF : 846159916376

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 : 4612614.1/10

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

Right Out: 0.008+/-0.000 χ^2/NDF : 4597241.0/11

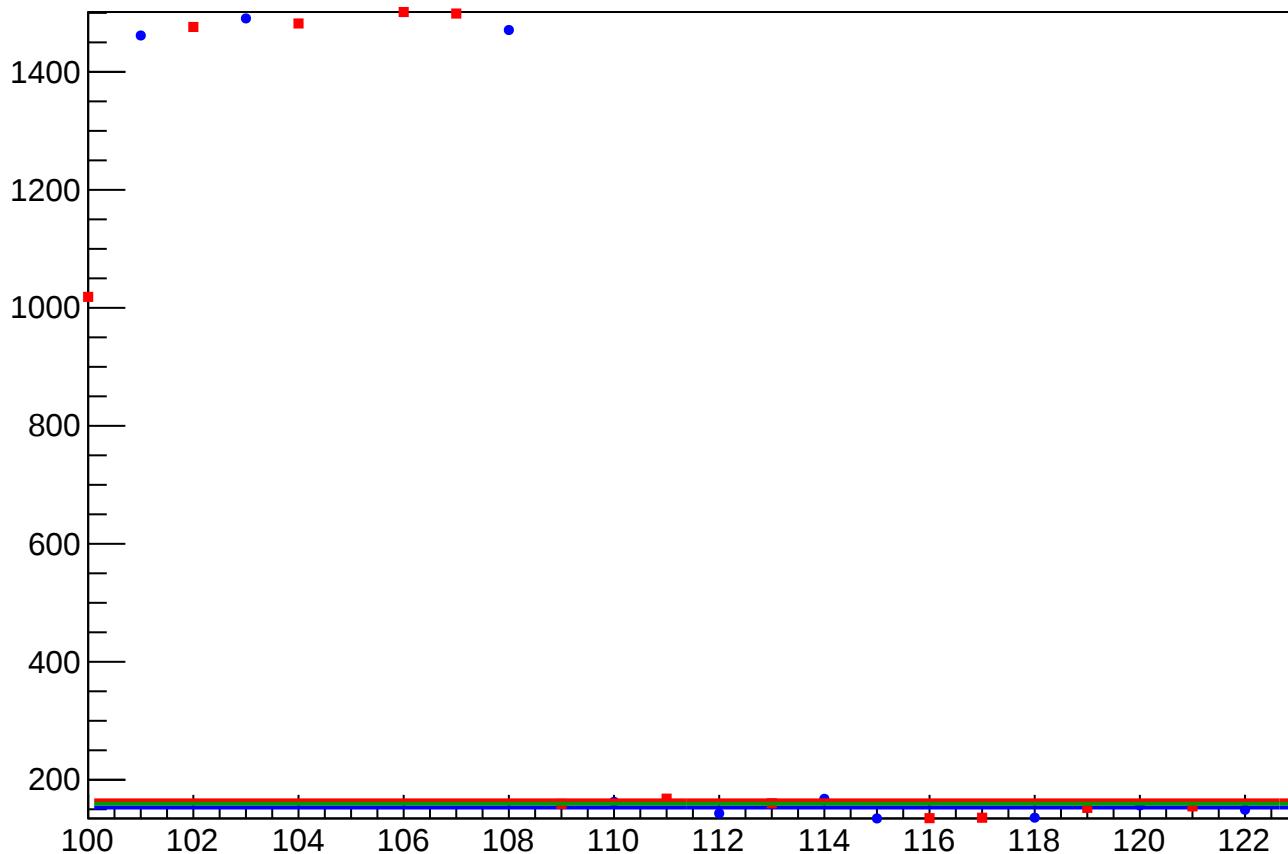
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 4612614.1/10

0.008+/-0.000 χ^2/NDF : 9210219.0/22

0.008+/-0.000 χ^2/NDF : 4597241.0/11

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 153.052+/-0.001 χ^2/NDF : 24064748005.0/10

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

Right Out: 165.086+/-0.001 χ^2/NDF : 32844851834.7/11

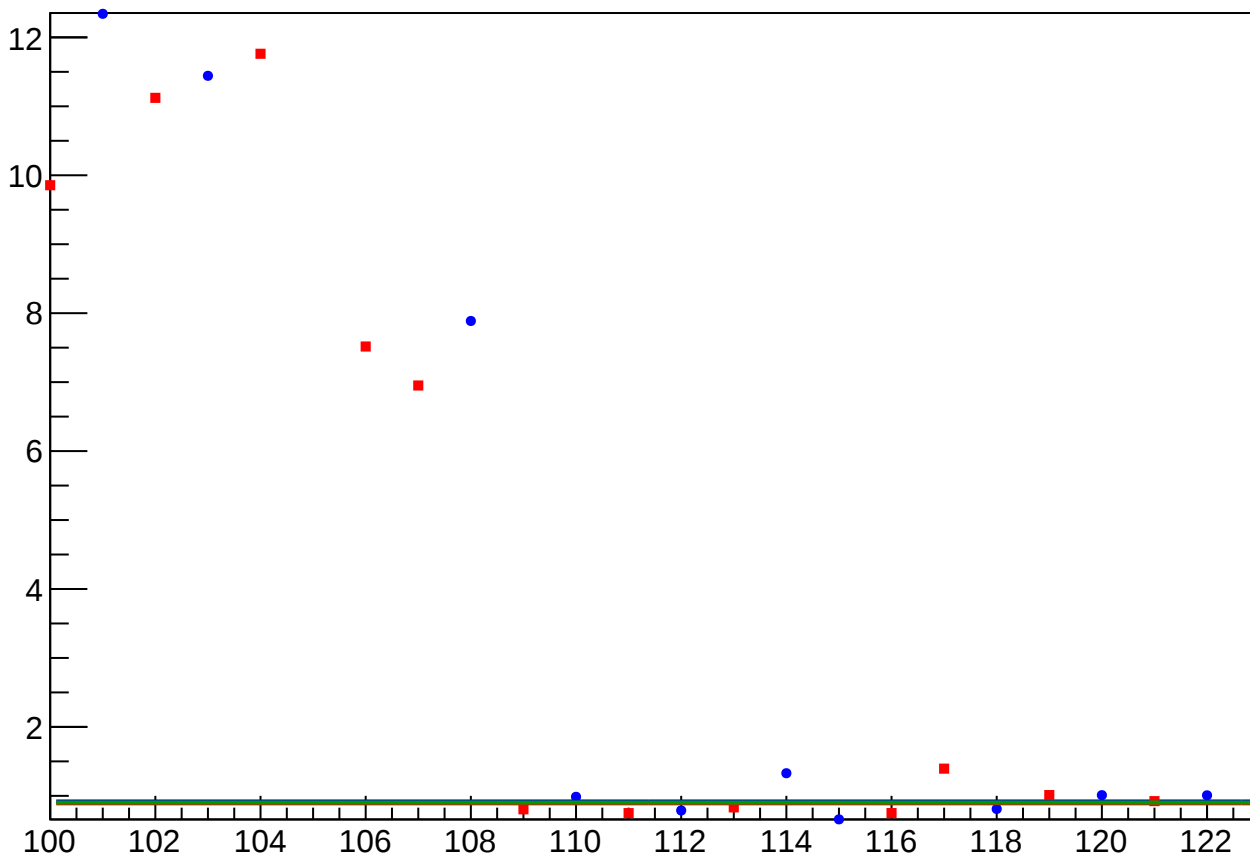
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

153.052+/-0.001 χ^2/NDF : 24064748005.0/10

159.531+/-0.000 χ^2/NDF : 57091449877.5

165.086+/-0.001 χ^2/NDF : 32844851834.7/11

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.919+/-0.000 χ^2/NDF : 2538941.4/10

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

Right Out: 0.891+/-0.000 χ^2/NDF : 2691157.1/11

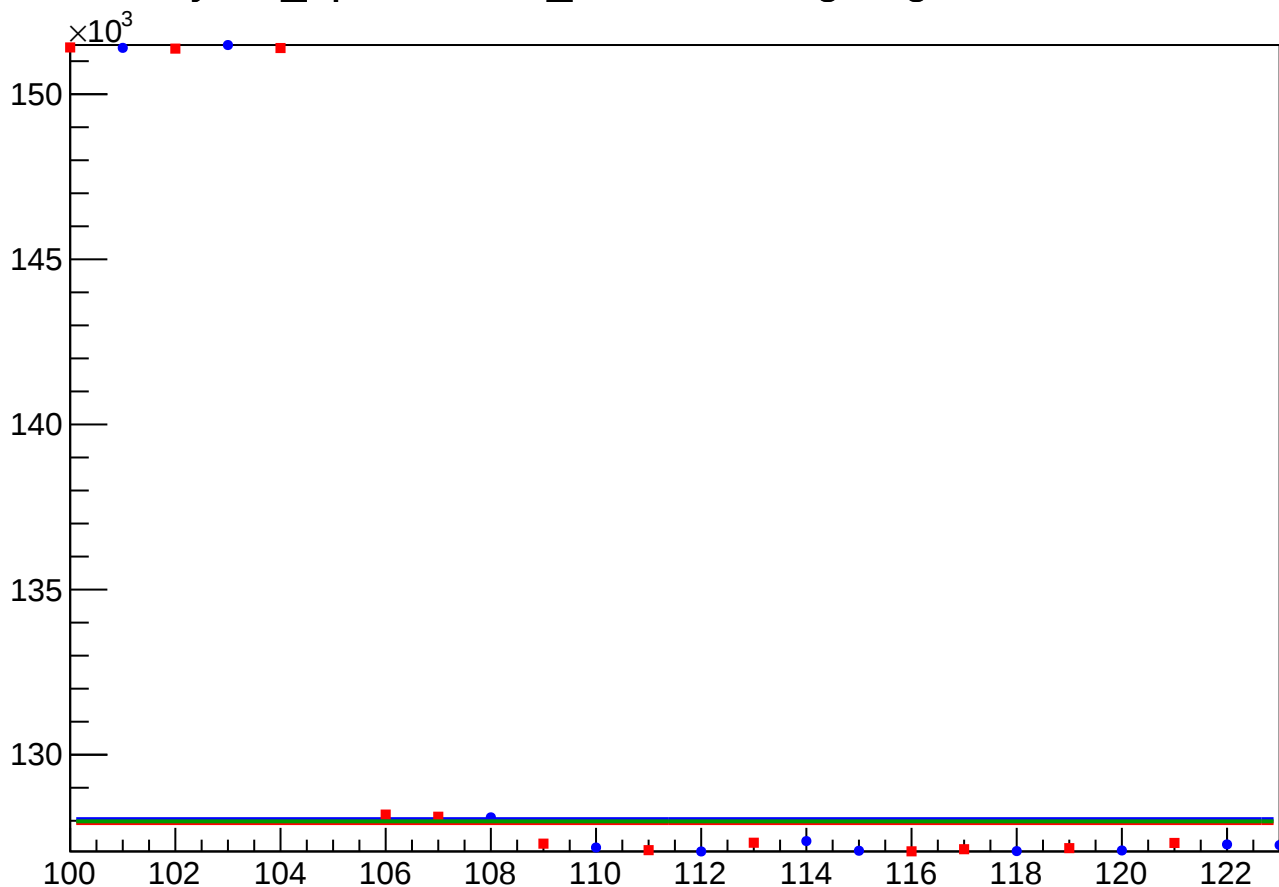
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.919+/-0.000 χ^2/NDF : 2538941.4/10

0.904+/-0.000 χ^2/NDF : 5232014.5/22

0.891+/-0.000 χ^2/NDF : 2691157.1/11

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 128048.927 $\pm$ 0.067 χ^2 /NDF: 4152555625.8/10

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

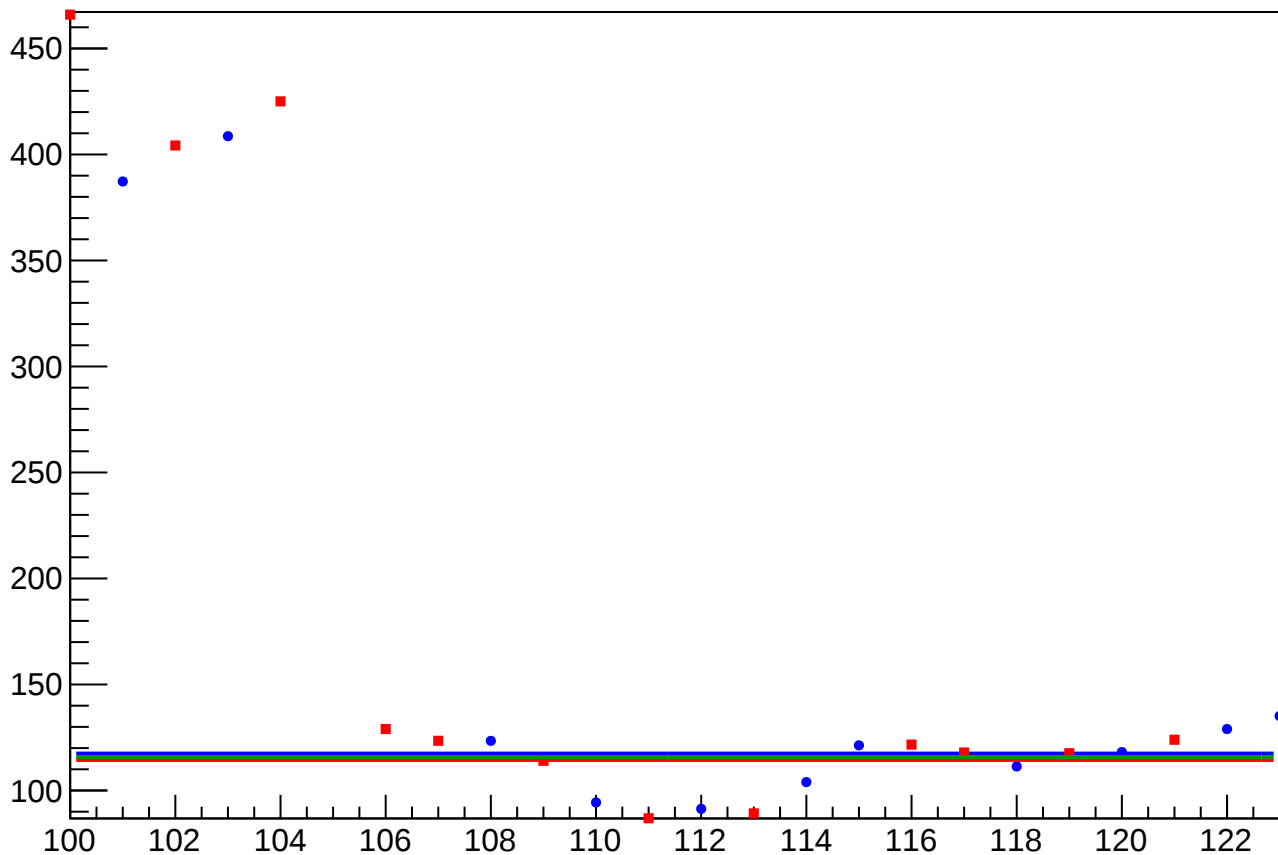
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

128048.927 $\pm$ 0.067 χ^2 /NDF: 4152555625.8/10

127983.475 $\pm$ 0.045 χ^2 /NDF: 778383656

127930.270 $\pm$ 0.060 χ^2 /NDF: 3629553238.5/11

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 117.405 $\pm$ 0.047 χ^2 /NDF: 1268930.7/10

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

Right Out: 114.425 $\pm$ 0.043 χ^2 /NDF: 1335731.3/11

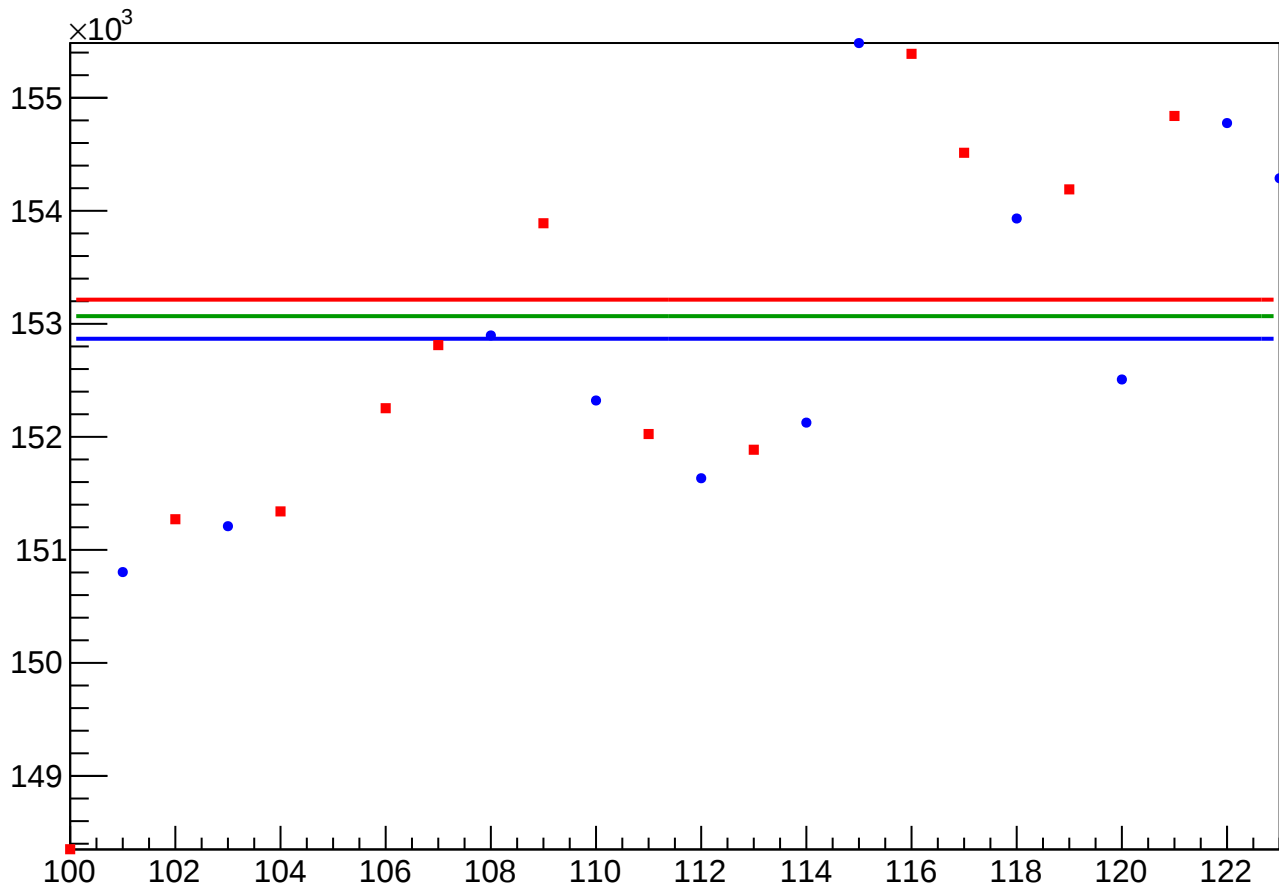
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

117.405 $\pm$ 0.047 χ^2 /NDF: 1268930.7/10

115.761 $\pm$ 0.032 χ^2 /NDF: 2606841.0/22

114.425 $\pm$ 0.043 χ^2 /NDF: 1335731.3/11

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 152867.976 $\pm$ 0.102 χ^2 /NDF: 152716034.5/10

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

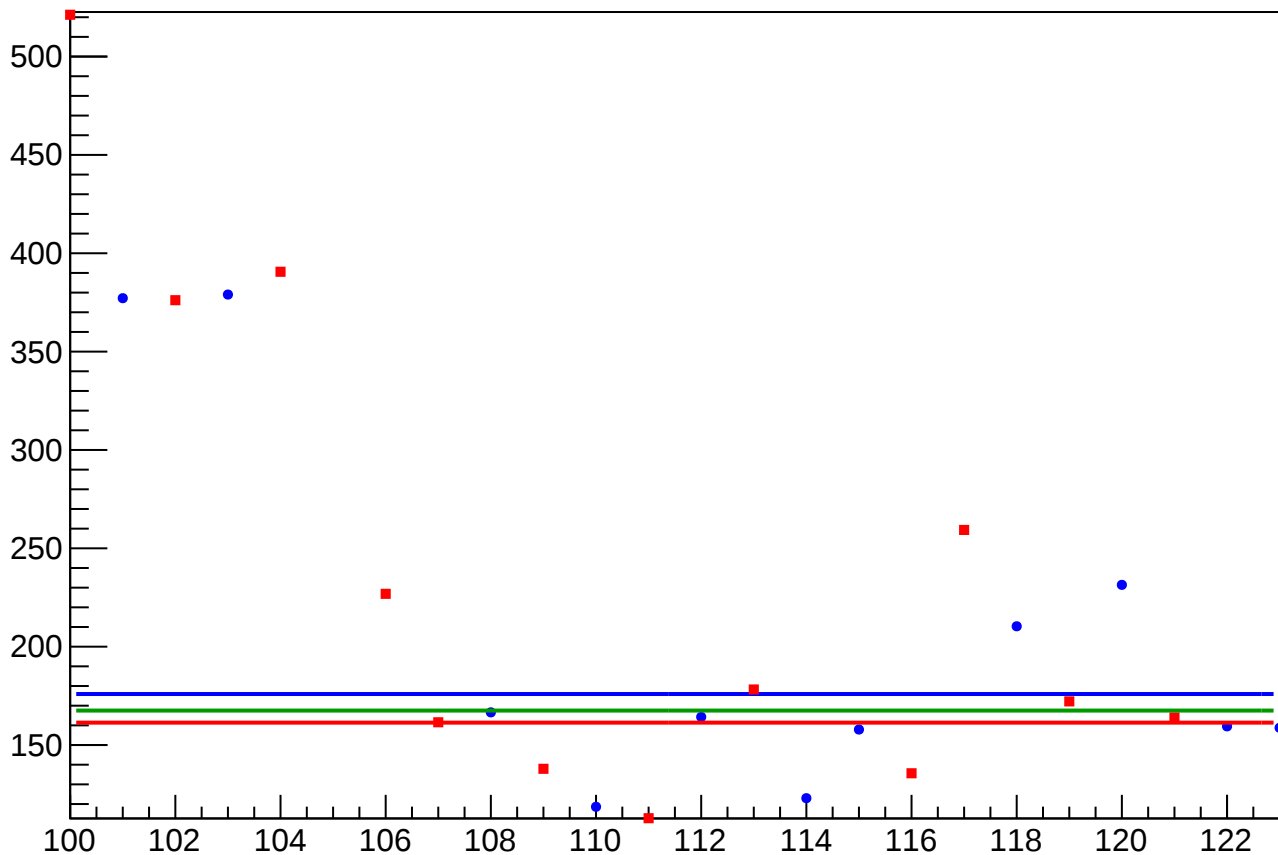
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

152867.976 $\pm$ 0.102 χ^2 /NDF: 152716034.5/10

153068.057 $\pm$ 0.066 χ^2 /NDF: 376125638

153213.923 $\pm$ 0.087 χ^2 /NDF: 216709963.4/11

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 175.930+/-0.072 χ^2/NDF : 903109.6/10

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

Right Out: 161.384+/-0.061 χ^2/NDF : 1015507.4/11

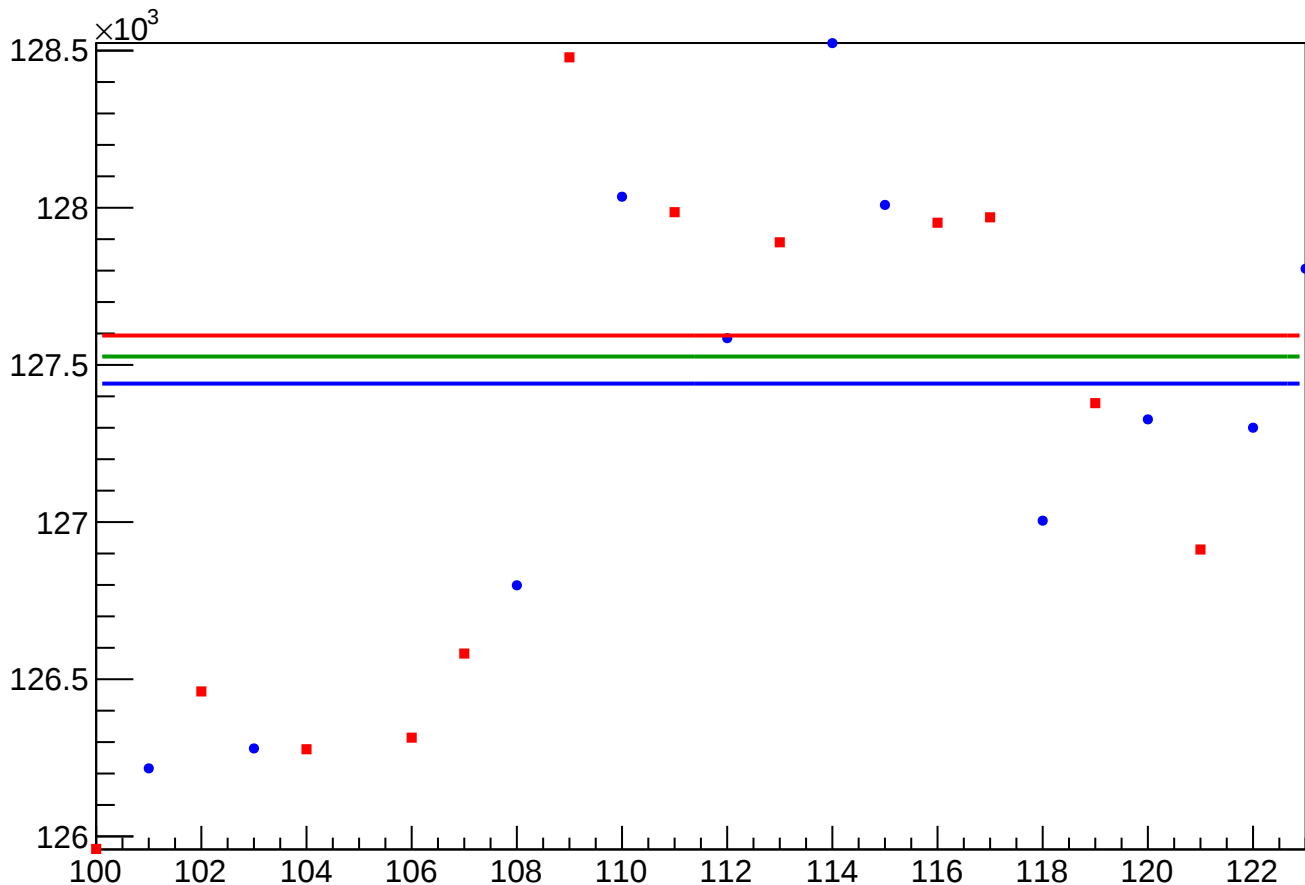
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

175.930+/-0.072 χ^2/NDF : 903109.6/10

167.517+/-0.047 χ^2/NDF : 1942307.4/22

161.384+/-0.061 χ^2/NDF : 1015507.4/11

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127440.531 $\pm$ 0.079 χ^2 /NDF: 55571468.4/10

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

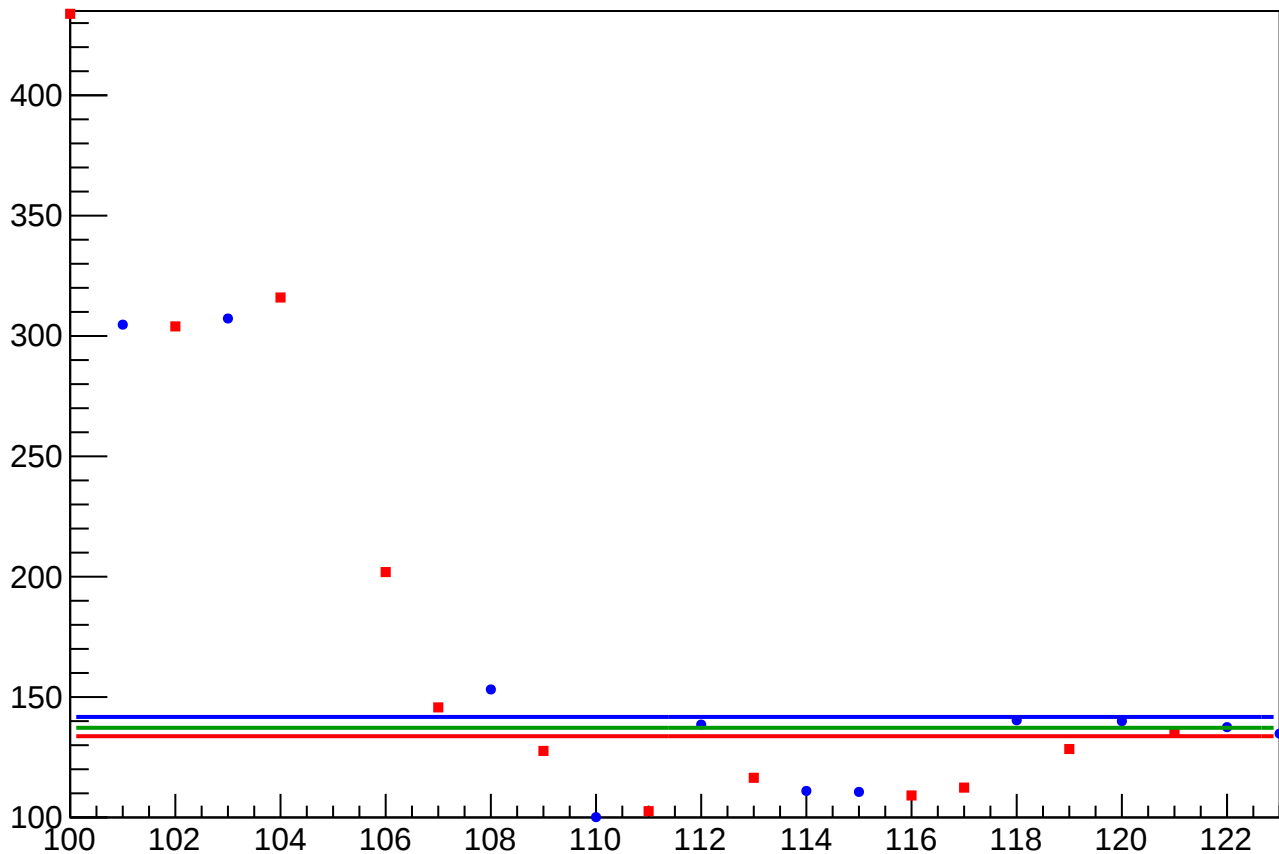
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

127440.531 $\pm$ 0.079 χ^2 /NDF: 55571468.4/10

127526.713 $\pm$ 0.052 χ^2 /NDF: 148114706

127593.555 $\pm$ 0.069 χ^2 /NDF: 90411333.3/11

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 141.735 $\pm$ 0.056 χ^2 /NDF: 821505.6/10

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

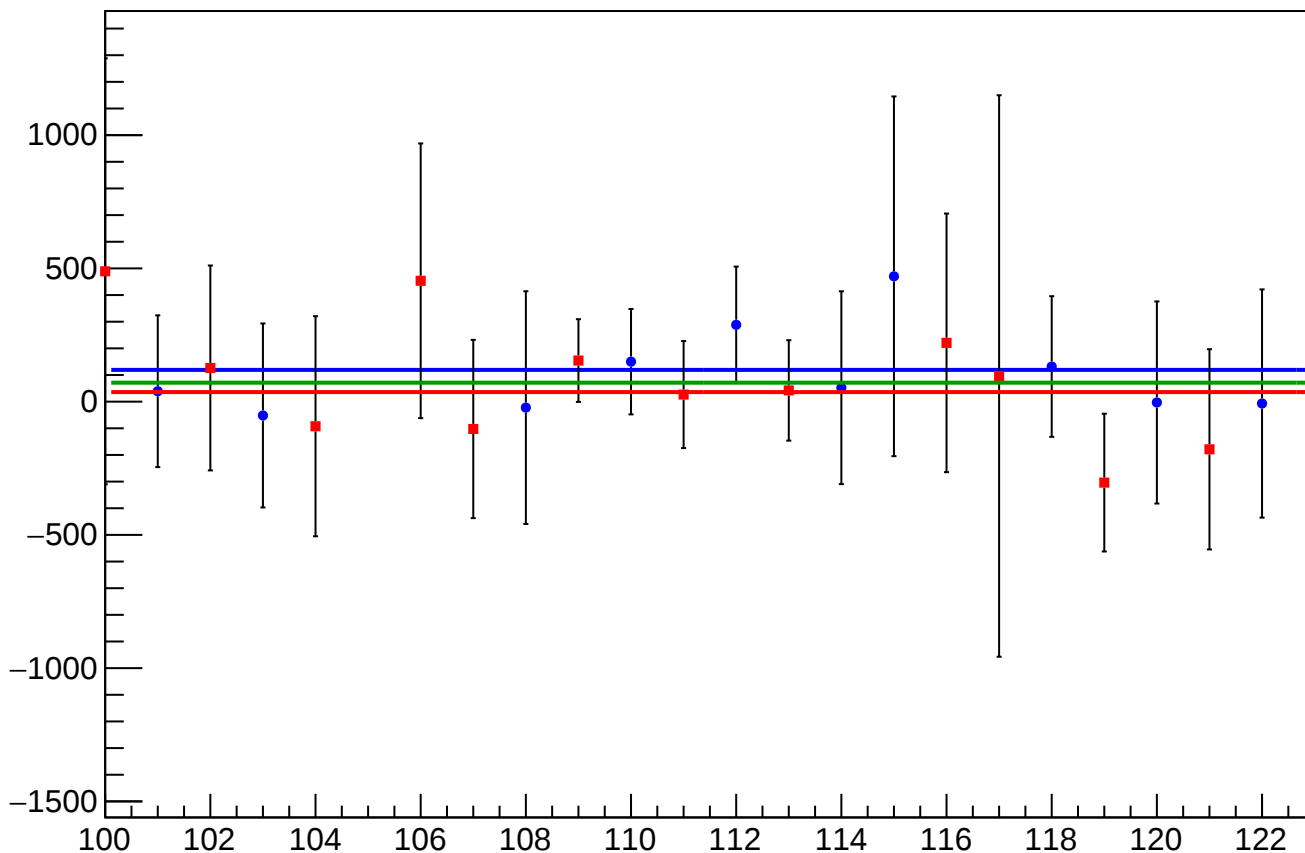
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

141.735 $\pm$ 0.056 χ^2 /NDF: 821505.6/10

137.228 $\pm$ 0.037 χ^2 /NDF: 1759545.1/22

133.732 $\pm$ 0.049 χ^2 /NDF: 926375.1/11

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 119.163 $\pm$ 95.548 χ^2/NDF : 1.6/10

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

Right Out: 35.852 $\pm$ 82.030 χ^2/NDF : 4.1/11

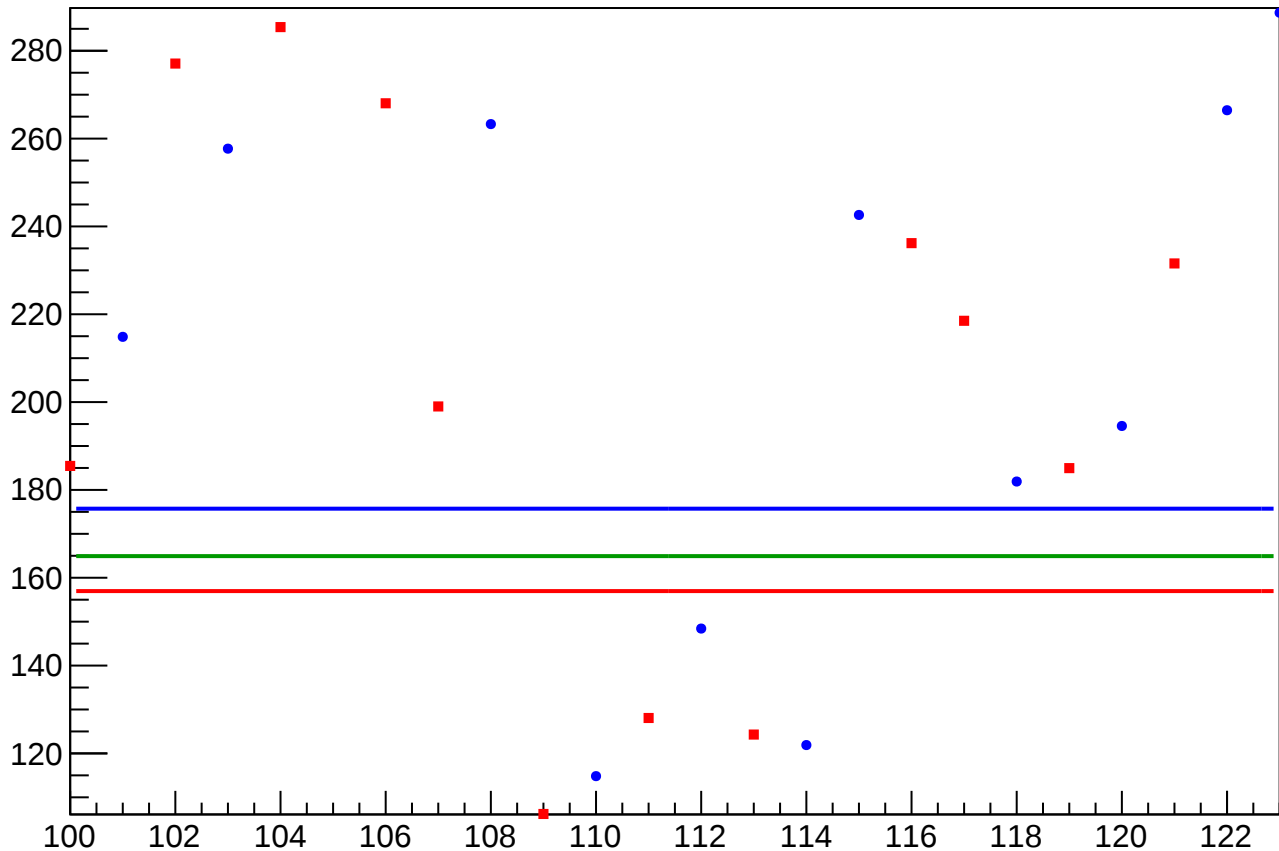
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

119.163 $\pm$ 95.548 χ^2/NDF : 1.6/10

71.202 $\pm$ 62.239 χ^2/NDF : 6.1/22

35.852 $\pm$ 82.030 χ^2/NDF : 4.1/11

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 175.728 $\pm$ 0.068 χ^2 /NDF: 622819.9/10

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

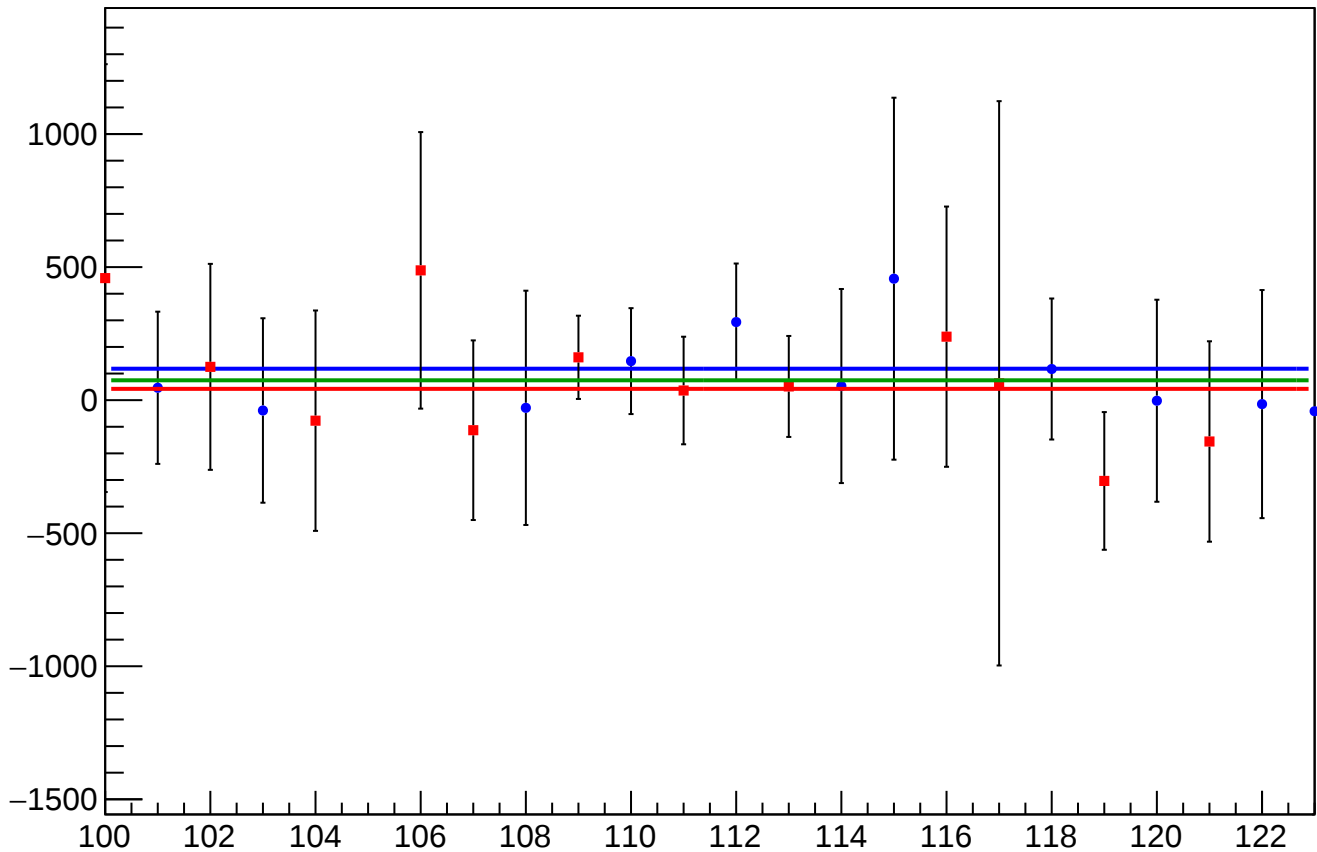
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

175.728 $\pm$ 0.068 χ^2 /NDF: 622819.9/10

164.925 $\pm$ 0.044 χ^2 /NDF: 1661091.2/22

156.962 $\pm$ 0.058 χ^2 /NDF: 993855.6/11

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 118.171 $\pm$ 96.066 χ^2 /NDF: 1.5/10

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

Right Out: 42.458 $\pm$ 82.565 χ^2 /NDF: 4.1/11

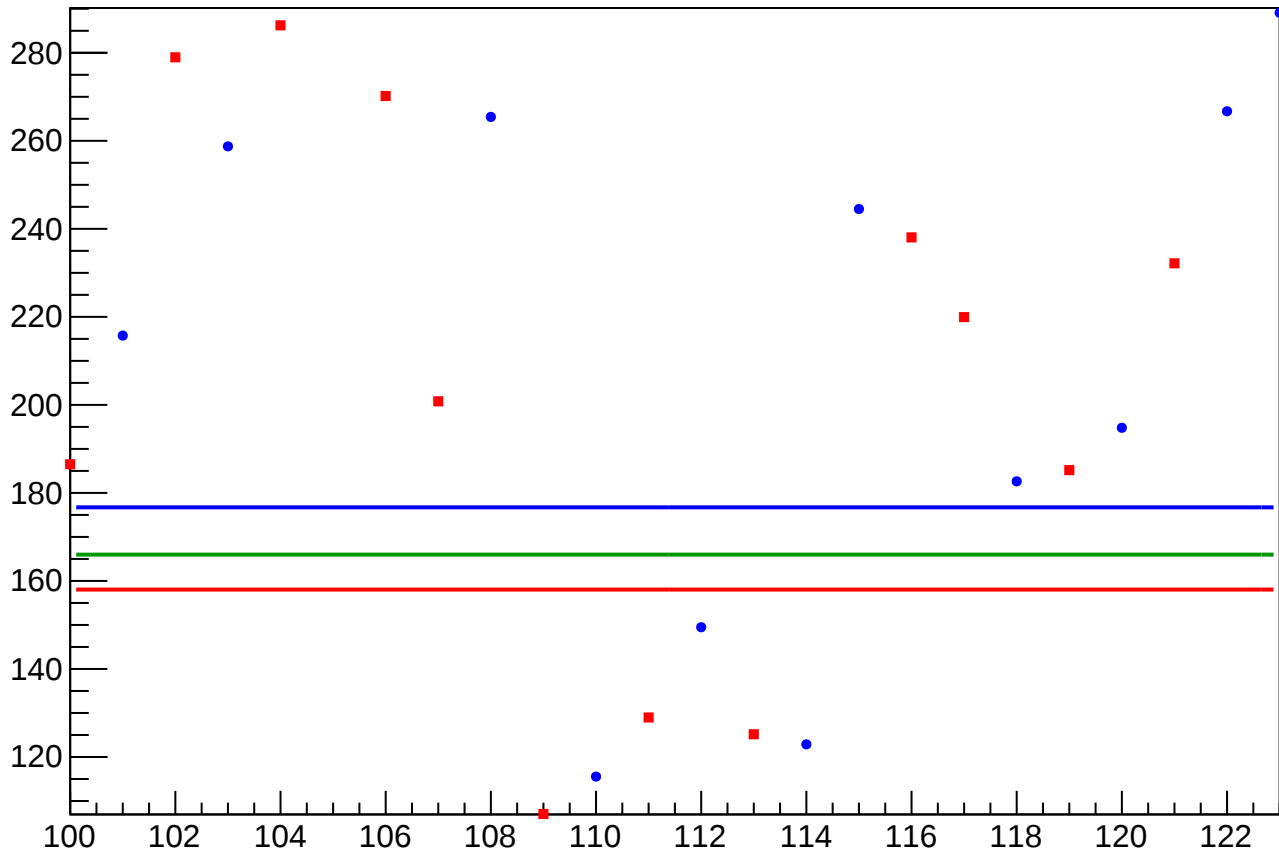
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

118.171 $\pm$ 96.066 χ^2 /NDF: 1.5/10

74.625 $\pm$ 62.616 χ^2 /NDF: 6.0/22

42.458 $\pm$ 82.565 χ^2 /NDF: 4.1/11

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 176.726 $\pm$ 0.068 χ^2 /NDF: 618264.4/10

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

Right Out: 158.040 $\pm$ 0.058 χ^2 /NDF: 988359.8/11

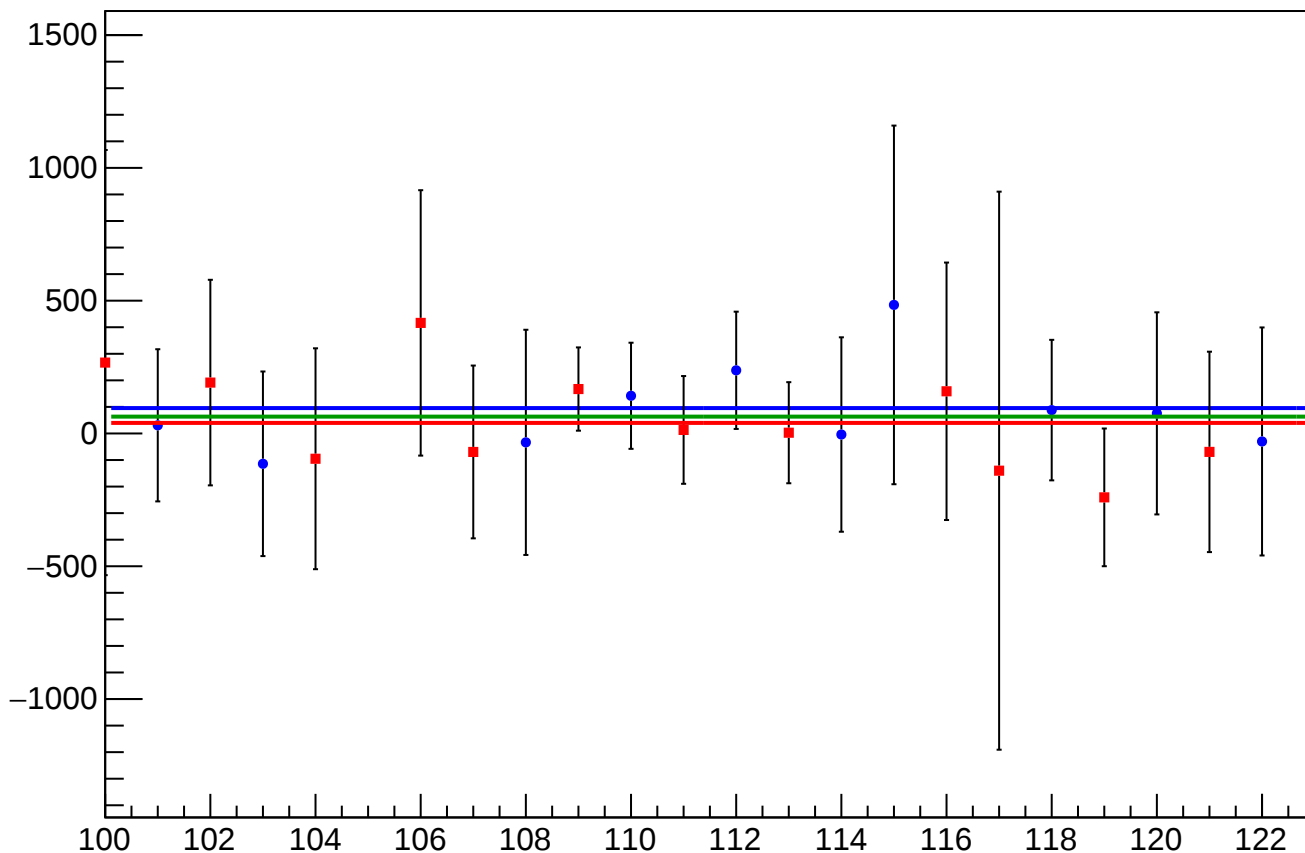
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

176.726 $\pm$ 0.068 χ^2 /NDF: 618264.4/10

165.979 $\pm$ 0.044 χ^2 /NDF: 1650146.5/22

158.040 $\pm$ 0.058 χ^2 /NDF: 988359.8/11

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 95.600+/-96.094 χ^2/NDF : 1.5/10

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

Right Out: 39.728+/-82.444 χ^2/NDF : 3.1/11

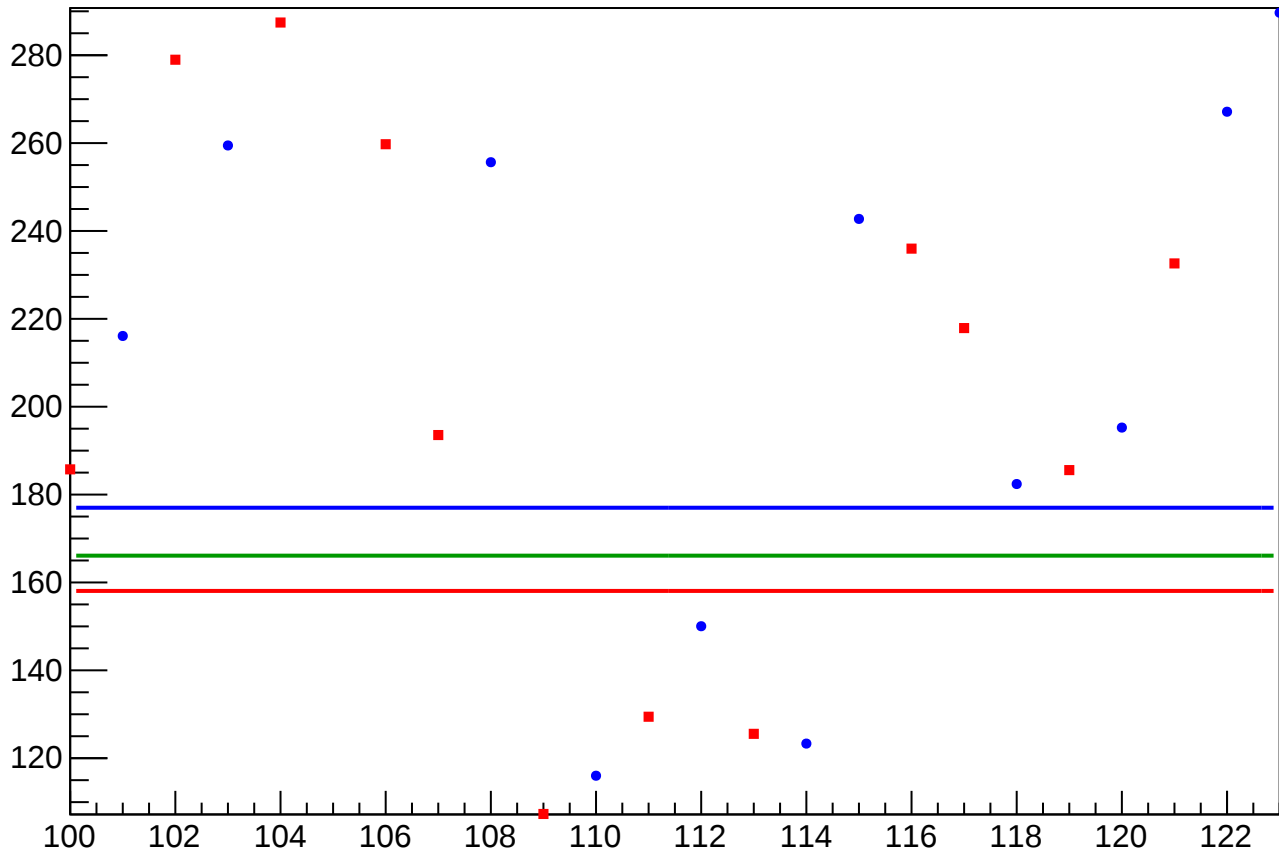
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

95.600+/-96.094 χ^2/NDF : 1.5/10

63.417+/-62.571 χ^2/NDF : 4.7/22

39.728+/-82.444 χ^2/NDF : 3.1/11

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 177.008+/-0.068 χ^2/NDF : 601394.9/10

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

Right Out: 158.072+/-0.058 χ^2/NDF : 964384.2/11

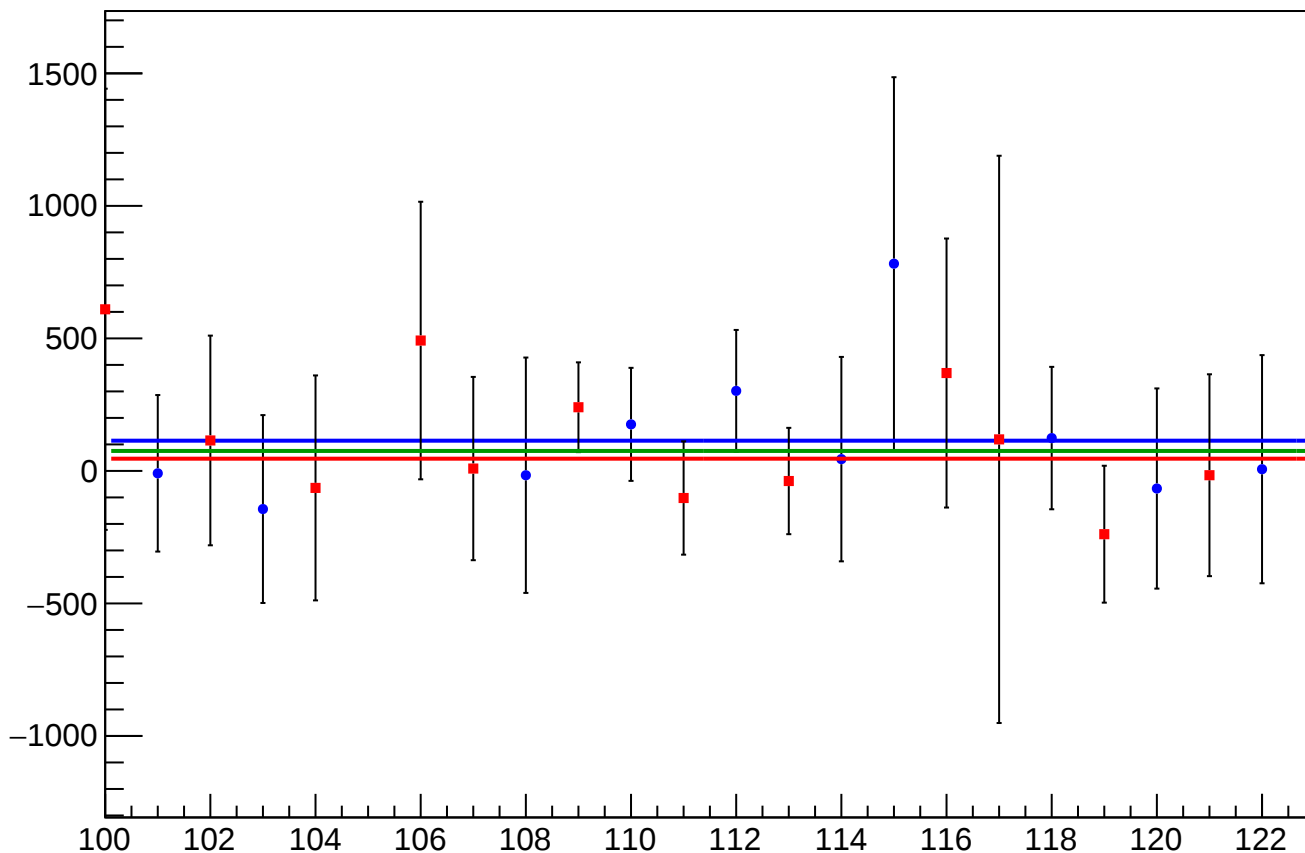
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

177.008+/-0.068 χ^2/NDF : 601394.9/10

166.101+/-0.044 χ^2/NDF : 1610515.0/22

158.072+/-0.058 χ^2/NDF : 964384.2/11

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 114.066±/-99.581 χ^2 /NDF: 2.8/10

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

Right Out: 46.161±/-86.504 χ^2 /NDF: 4.9/11

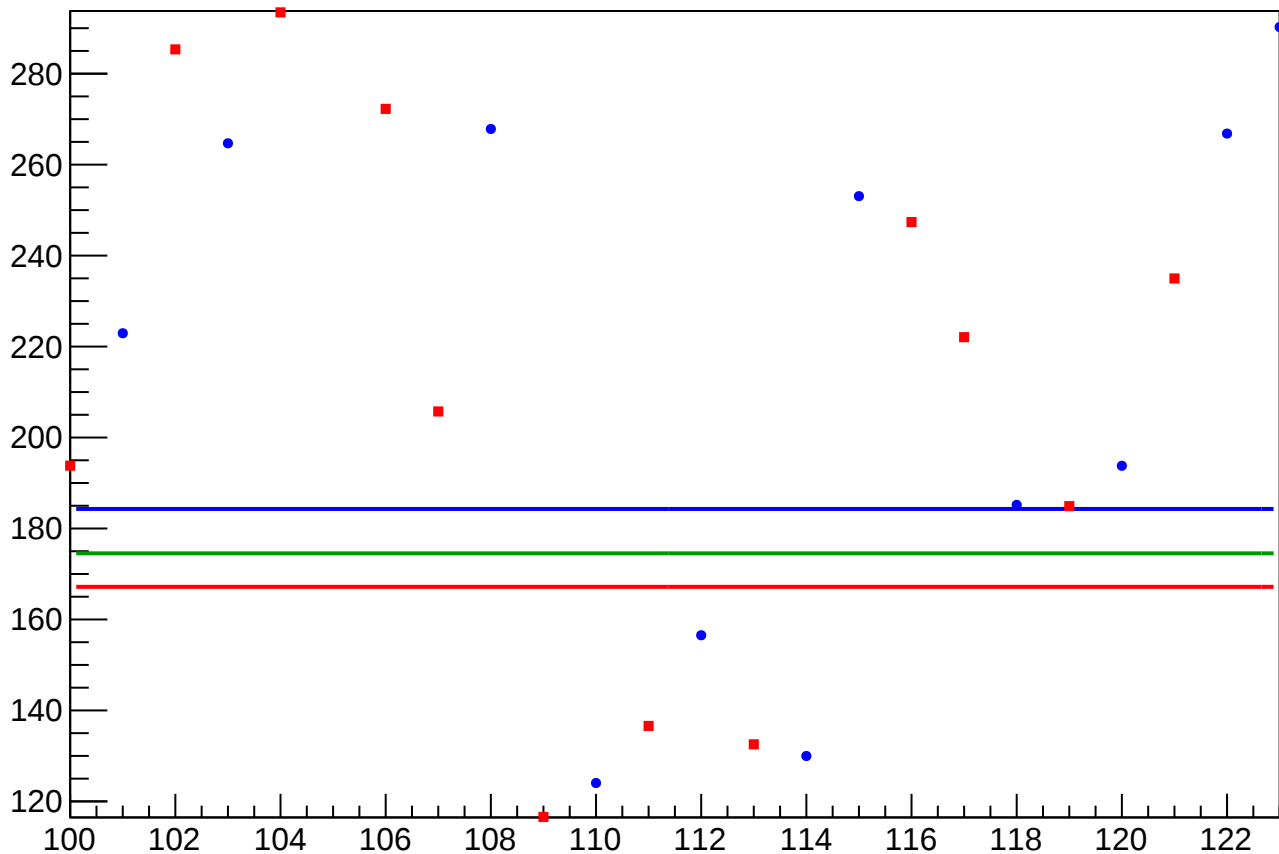
Left In: 0.000±/-0.000 χ^2 /NDF: 0.0/0

114.066±/-99.581 χ^2 /NDF: 2.8/10

75.365±/-65.305 χ^2 /NDF: 8.0/22

46.161±/-86.504 χ^2 /NDF: 4.9/11

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 184.297 $\pm$ 0.070 χ^2 /NDF: 540124.4/10

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

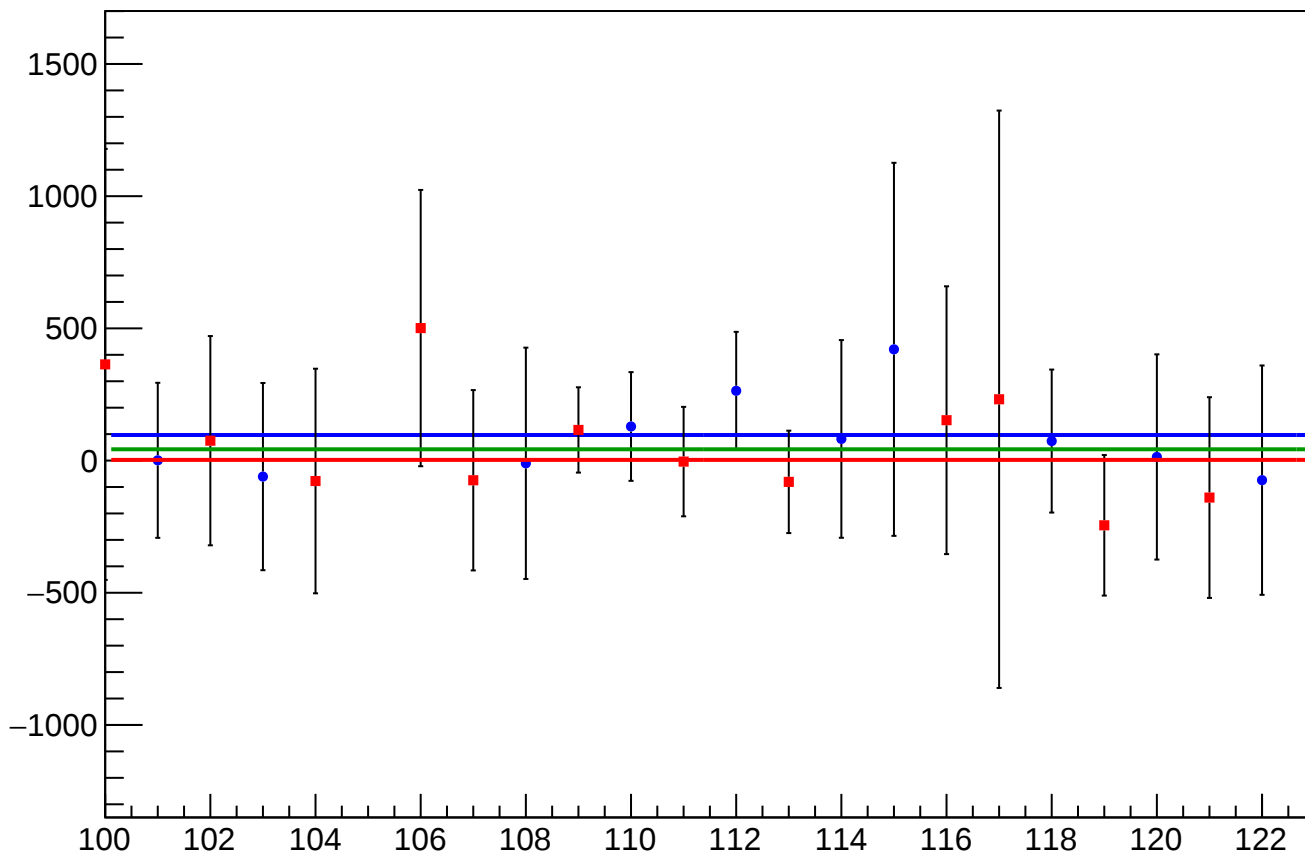
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

184.297 $\pm$ 0.070 χ^2 /NDF: 540124.4/10

174.538 $\pm$ 0.046 χ^2 /NDF: 1443899.9/22

167.174 $\pm$ 0.061 χ^2 /NDF: 870074.0/11

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 96.759+/-98.135 χ^2/NDF : 1.4/10

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

Right Out: 2.577+/-84.531 χ^2/NDF : 3.0/11

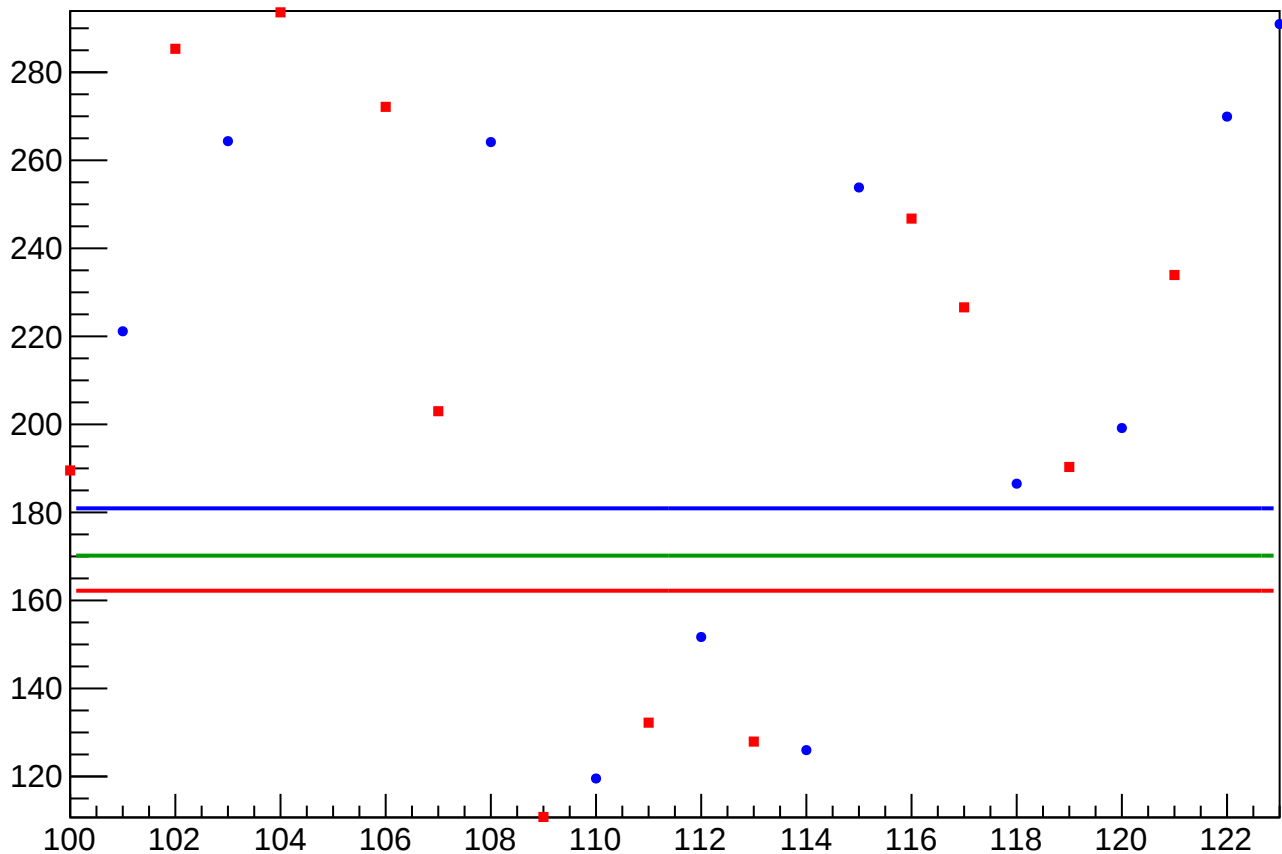
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

96.759+/-98.135 χ^2/NDF : 1.4/10

42.693+/-64.047 χ^2/NDF : 4.9/22

2.577+/-84.531 χ^2/NDF : 3.0/11

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 180.925+/-0.069 χ^2/NDF : 598195.4/10

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

Right Out: 162.207+/-0.060 χ^2/NDF : 968617.5/11

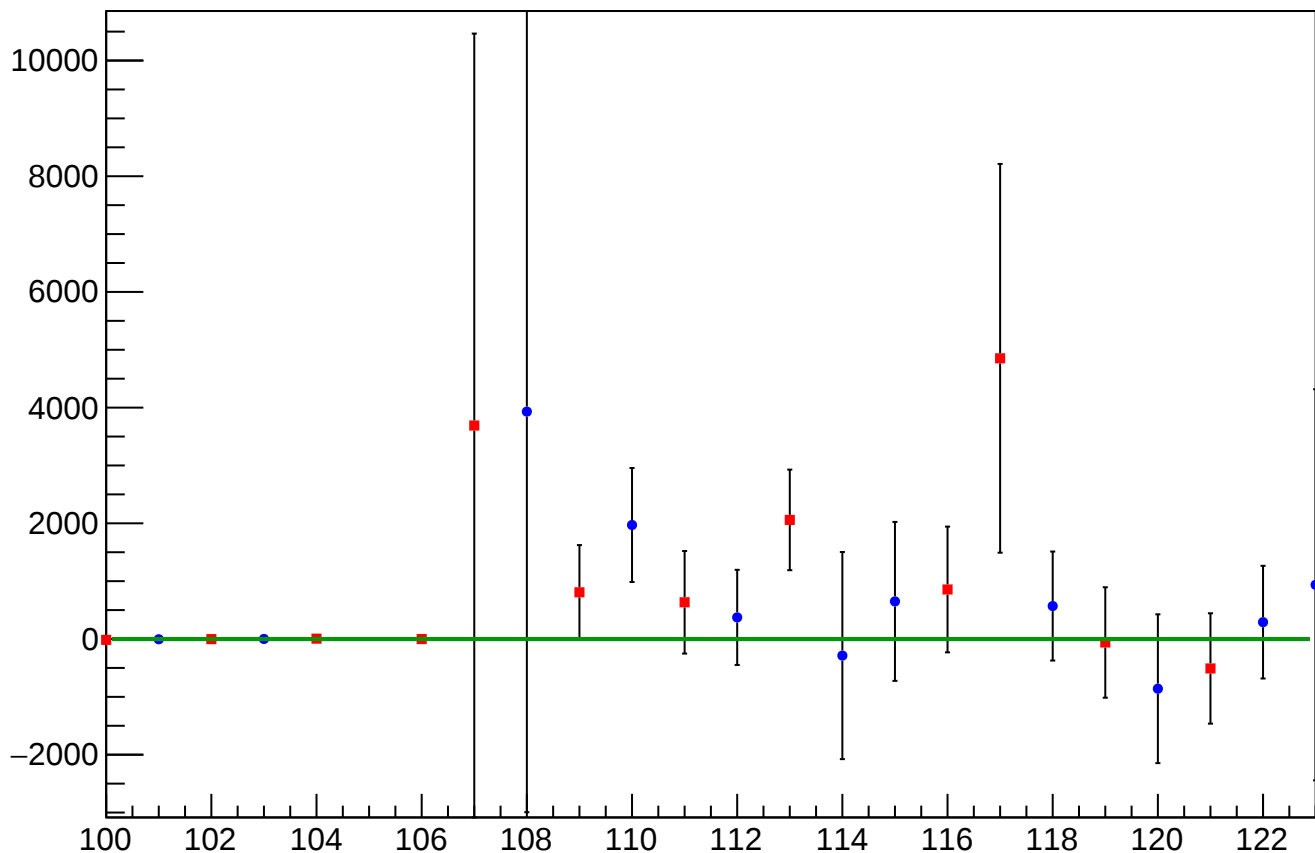
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

180.925+/-0.069 χ^2/NDF : 598195.4/10

170.180+/-0.045 χ^2/NDF : 1608581.4/22

162.207+/-0.060 χ^2/NDF : 968617.5/11

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.503+/-2.252 χ^2/NDF : 7.1/10

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

Right Out: 0.736+/-2.111 χ^2/NDF : 16.3/11

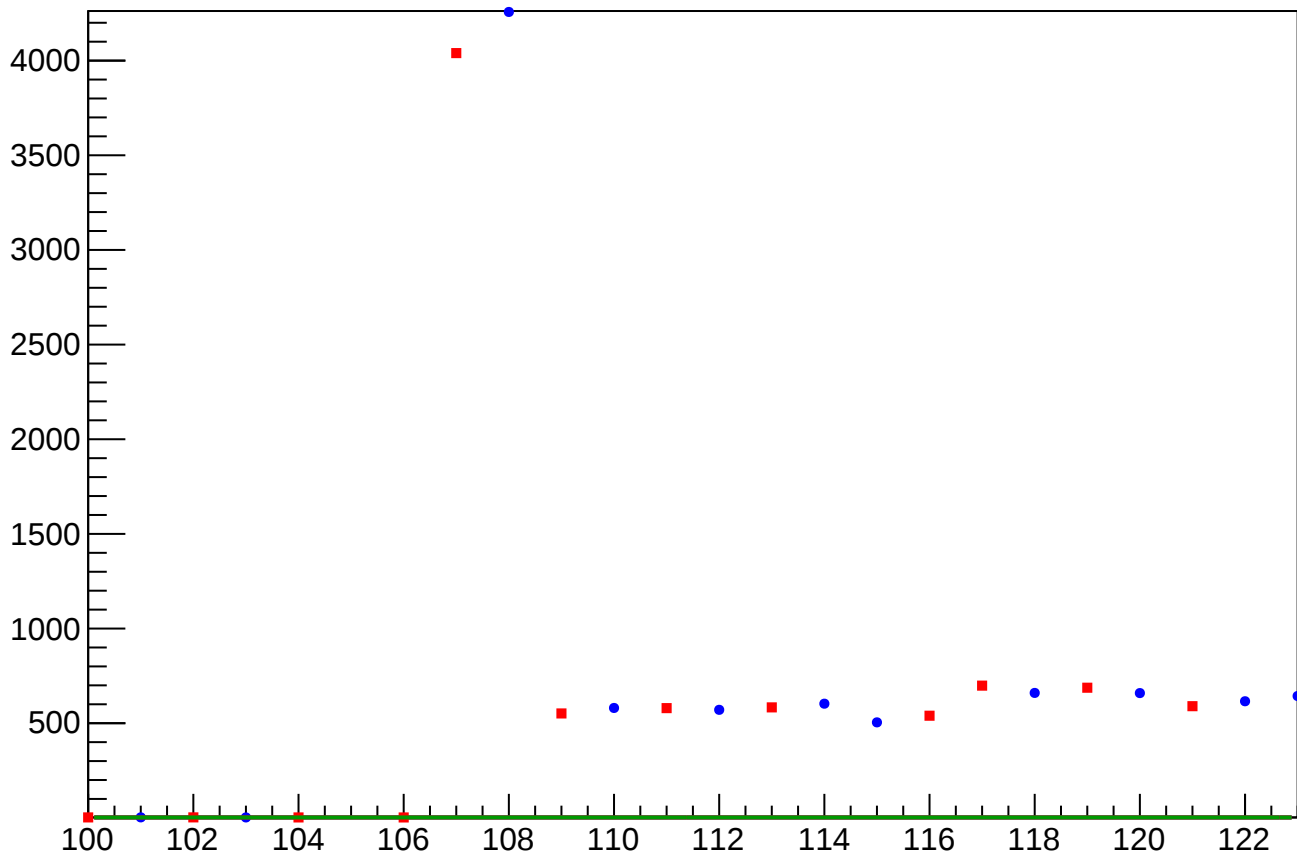
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.503+/-2.252 χ^2/NDF : 7.1/10

-0.312+/-1.540 χ^2/NDF : 23.9/22

0.736+/-2.111 χ^2/NDF : 16.3/11

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.430+/-0.002 χ^2/NDF : 5264959.0/10

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

Right Out: 2.415+/-0.001 χ^2/NDF : 5732825.0/11

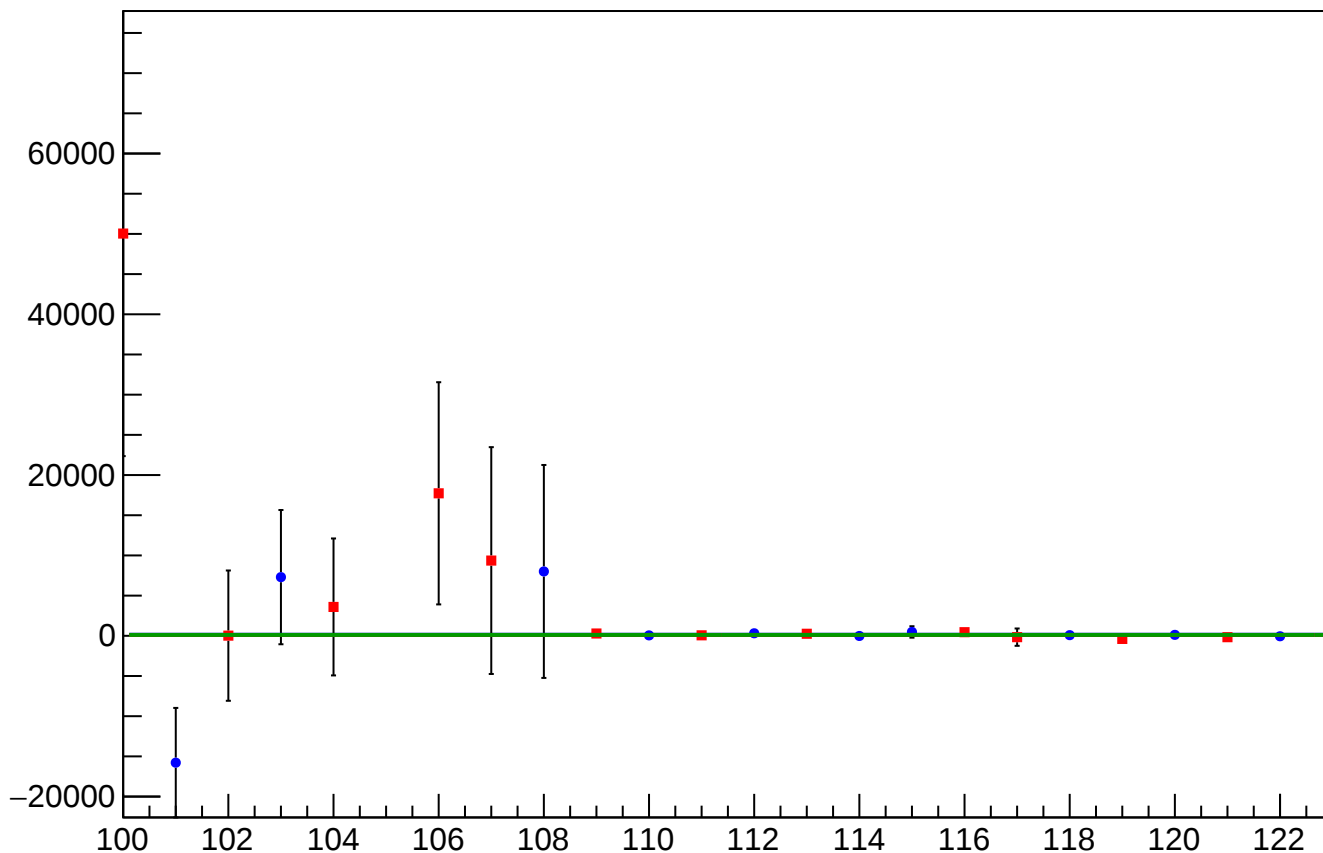
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.430+/-0.002 χ^2/NDF : 5264959.0/10

2.422+/-0.001 χ^2/NDF : 10997829.6/22

2.415+/-0.001 χ^2/NDF : 5732825.0/11

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 126.521+/-115.502 χ^2/NDF : 8.0/10

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

Right Out: 102.390+/-105.214 χ^2/NDF : 10.7/11

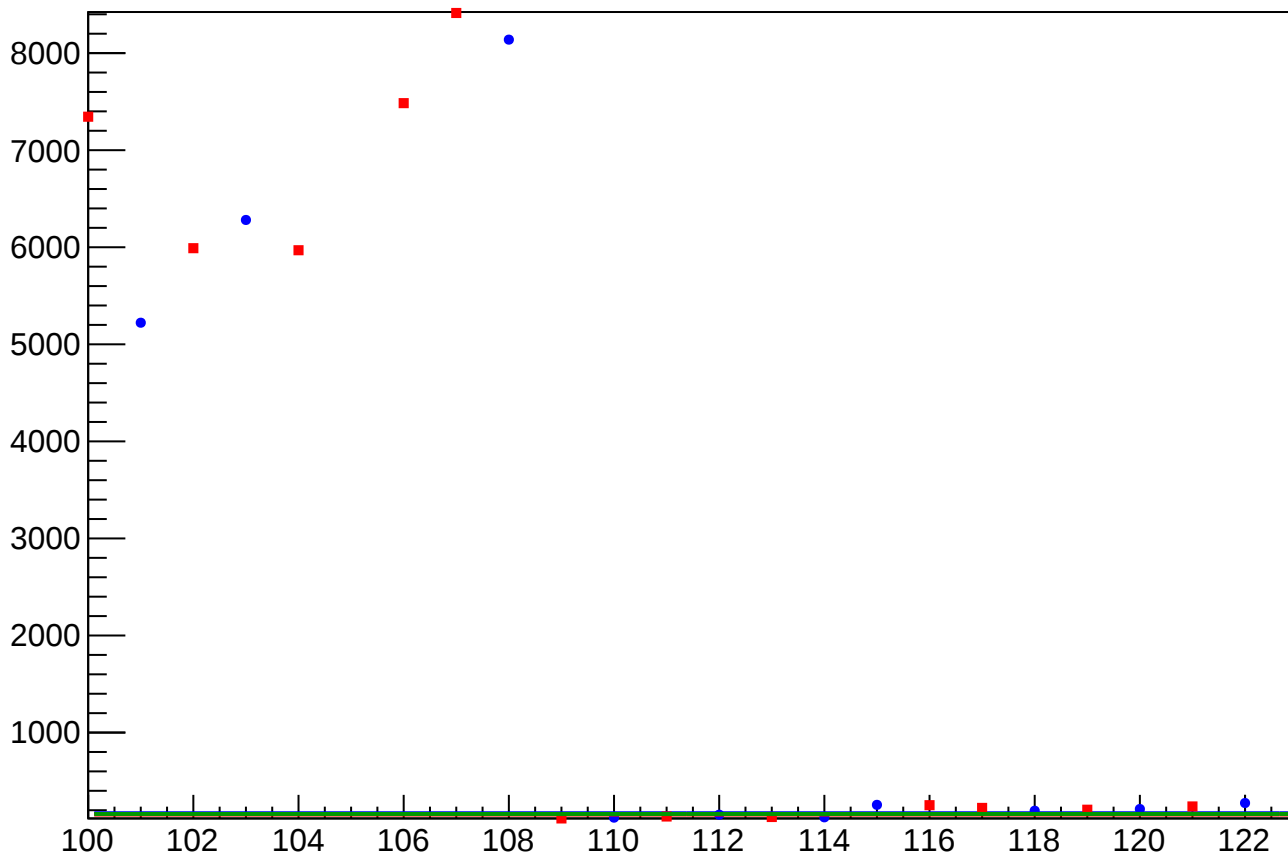
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

126.521+/-115.502 χ^2/NDF : 8.0/10

113.334+/-77.781 χ^2/NDF : 18.7/22

102.390+/-105.214 χ^2/NDF : 10.7/11

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 168.700+/-0.082 χ^2/NDF : 3217412.4/10

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

Right Out: 155.296+/-0.074 χ^2/NDF : 3692831.0/11

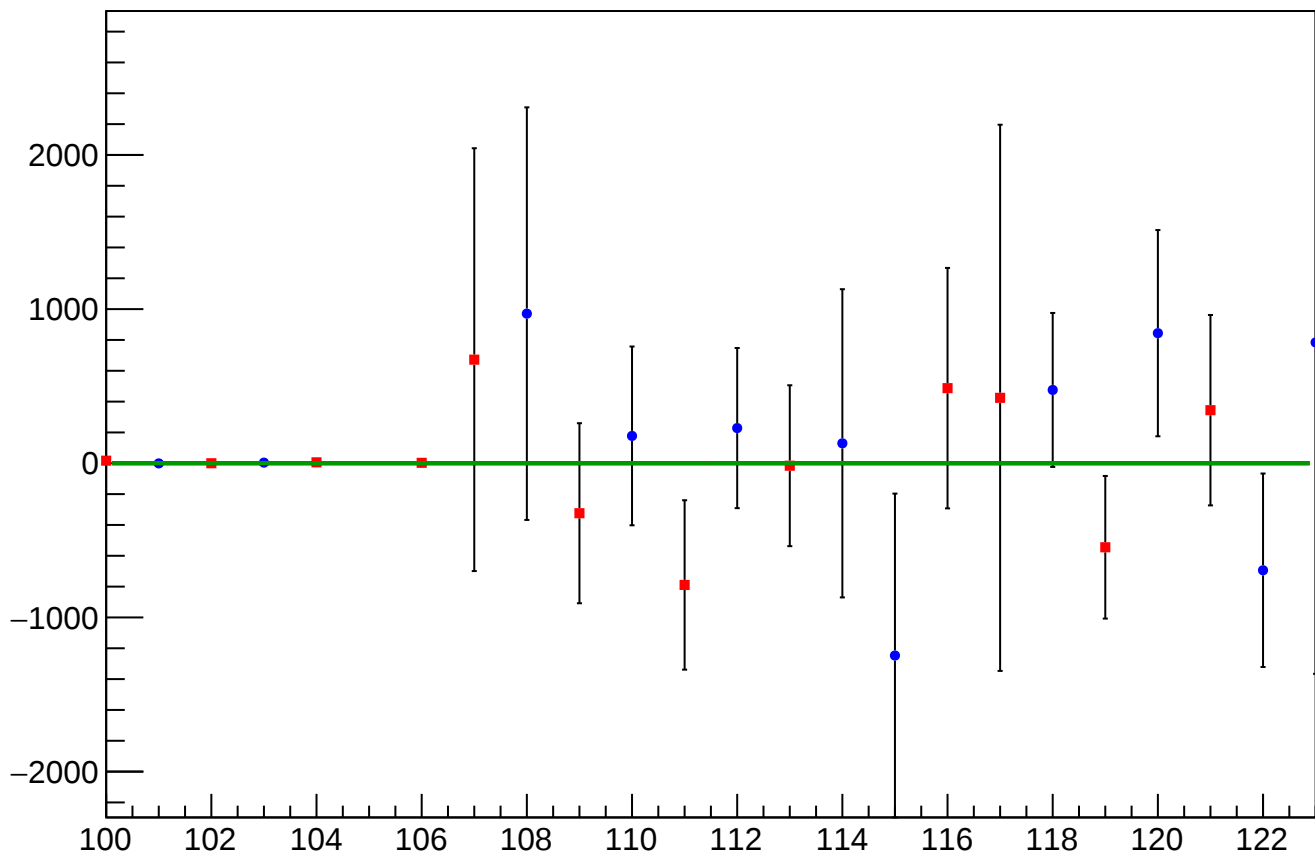
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

168.700+/-0.082 χ^2/NDF : 3217412.4/10

161.375+/-0.055 χ^2/NDF : 6924965.0/22

155.296+/-0.074 χ^2/NDF : 3692831.0/11

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.150+/-1.737 χ^2/NDF : 6.9/10

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

Right Out: 1.324+/-1.623 χ^2/NDF : 7.5/11

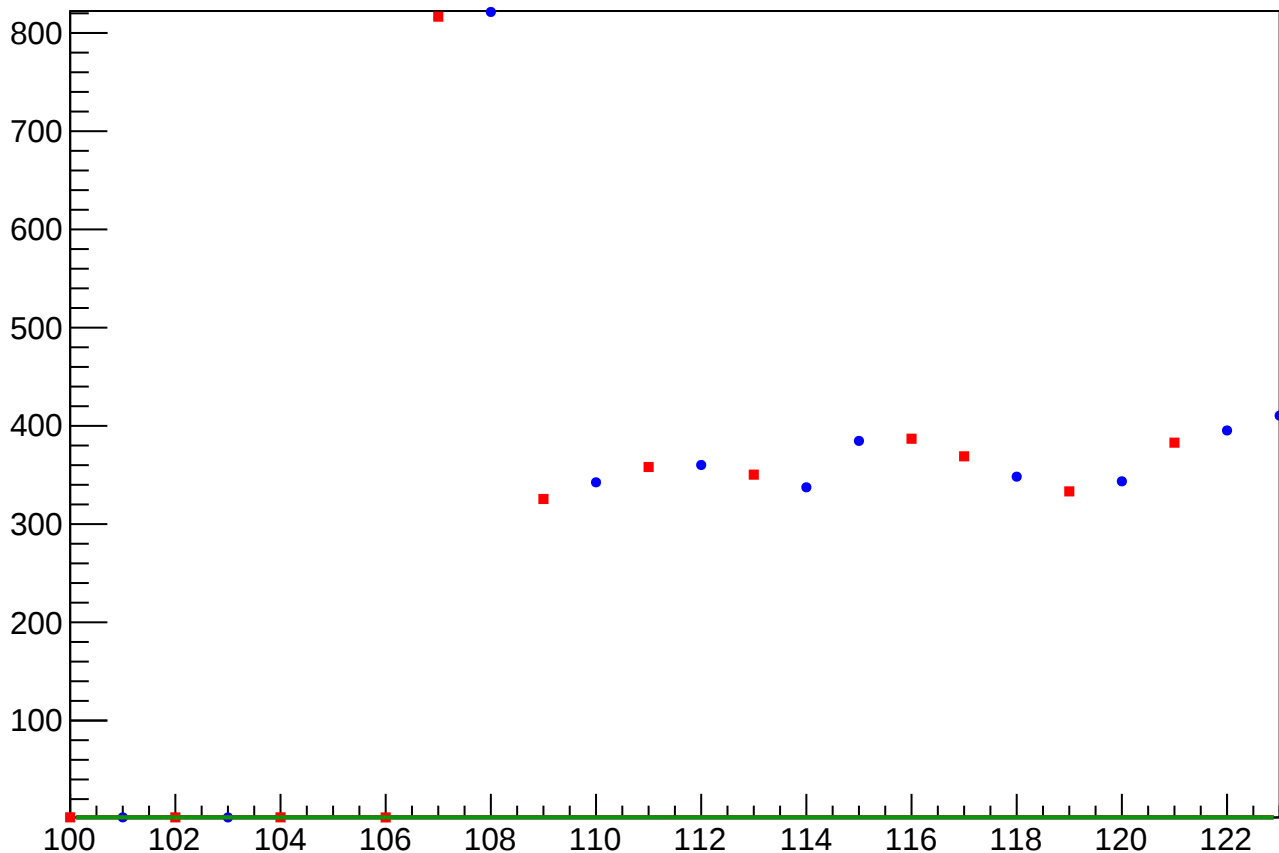
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.150+/-1.737 χ^2/NDF : 6.9/10

0.637+/-1.186 χ^2/NDF : 14.8/22

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 : 5238225.6/10

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

Right Out: 1.433+/-0.001 χ^2/NDF : 5428052.5/11

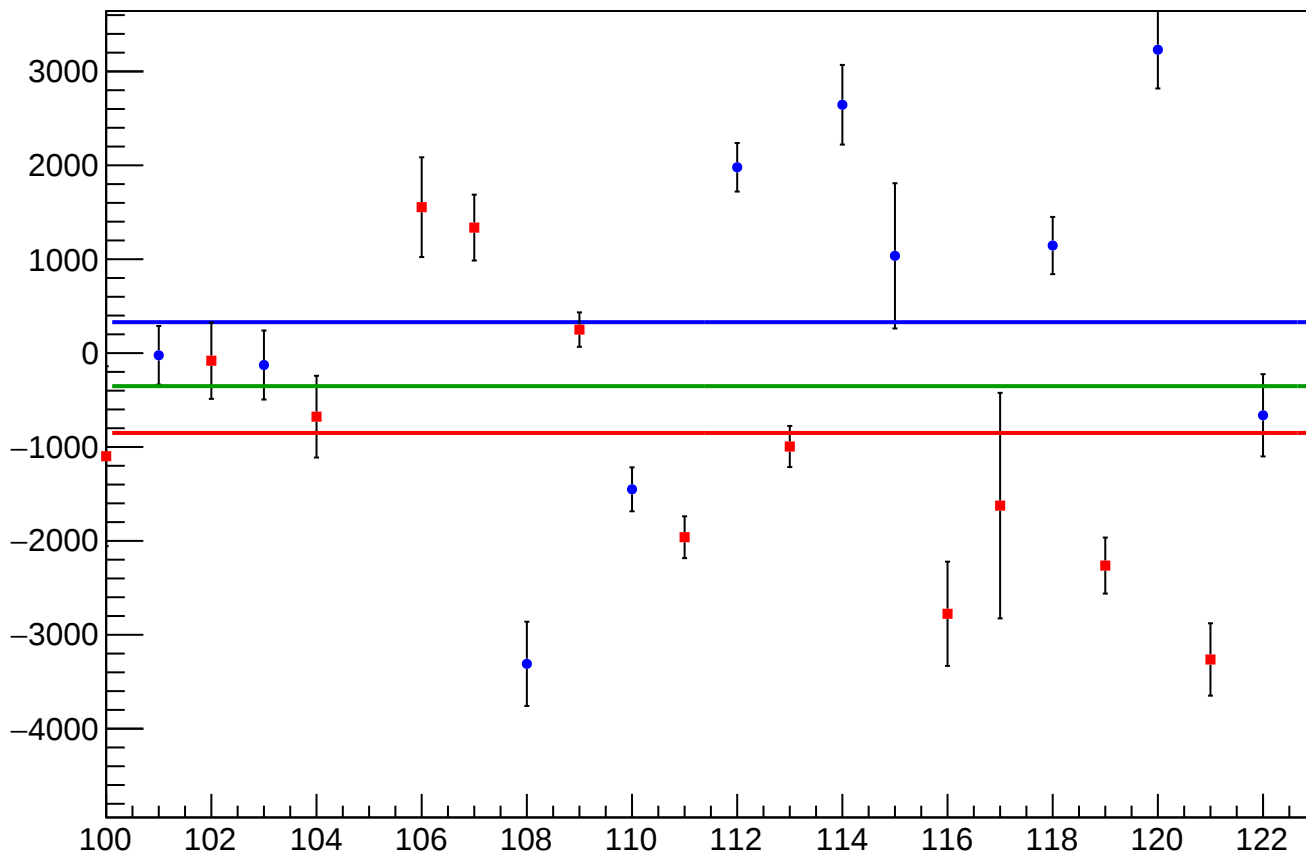
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.431+/-0.001 χ^2/NDF : 5238225.6/10

1.432+/-0.001 χ^2/NDF : 10666279.2/22

1.433+/-0.001 χ^2/NDF : 5428052.5/11

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 329.545 $\pm$ 108.214 χ^2 /NDF: 266.2/10

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

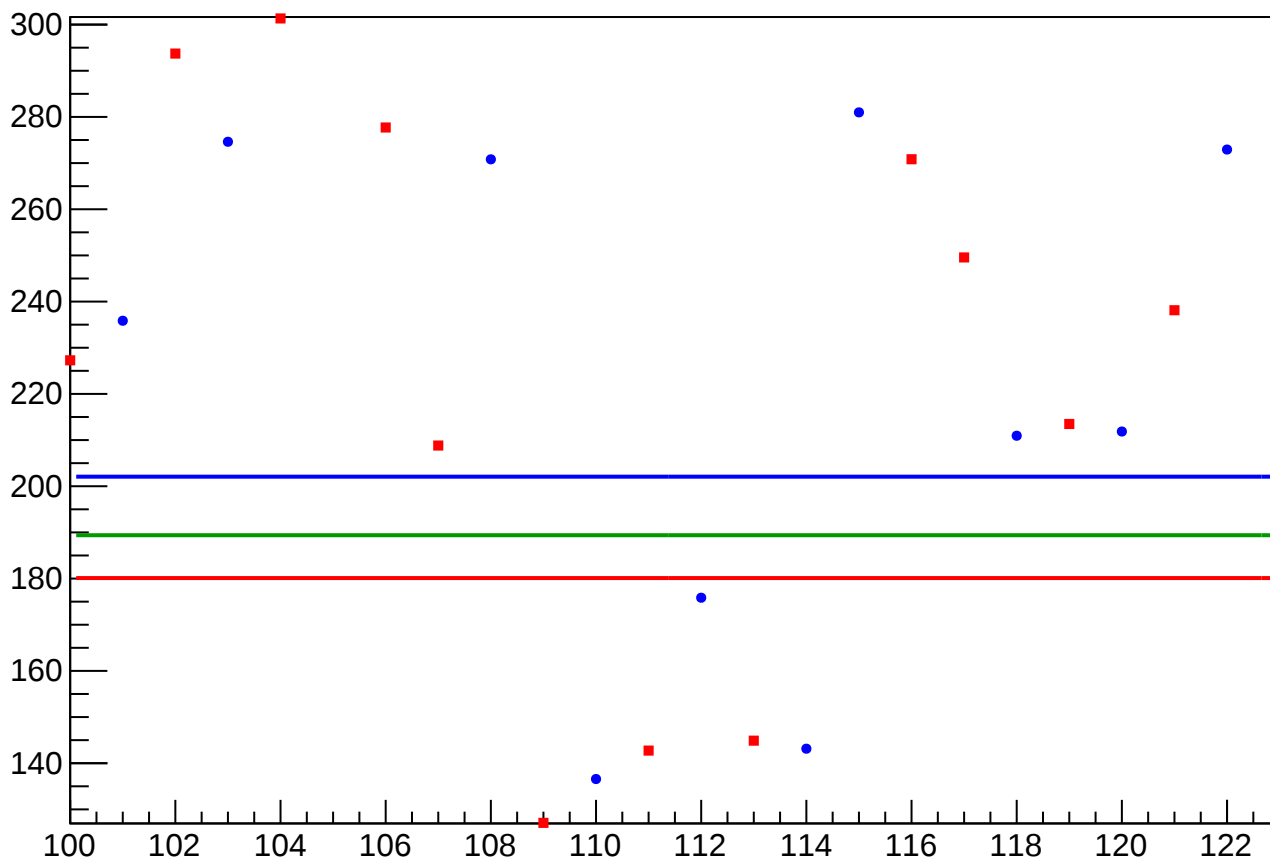
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

329.545 $\pm$ 108.214 χ^2 /NDF: 266.2/10

-351.743 $\pm$ 70.341 χ^2 /NDF: 533.4/22

-850.216 $\pm$ 92.563 χ^2 /NDF: 198.5/11

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 202.073+/-0.077 χ^2/NDF : 445794.5/10

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

Right Out: 180.110+/-0.065 χ^2/NDF : 802428.9/11

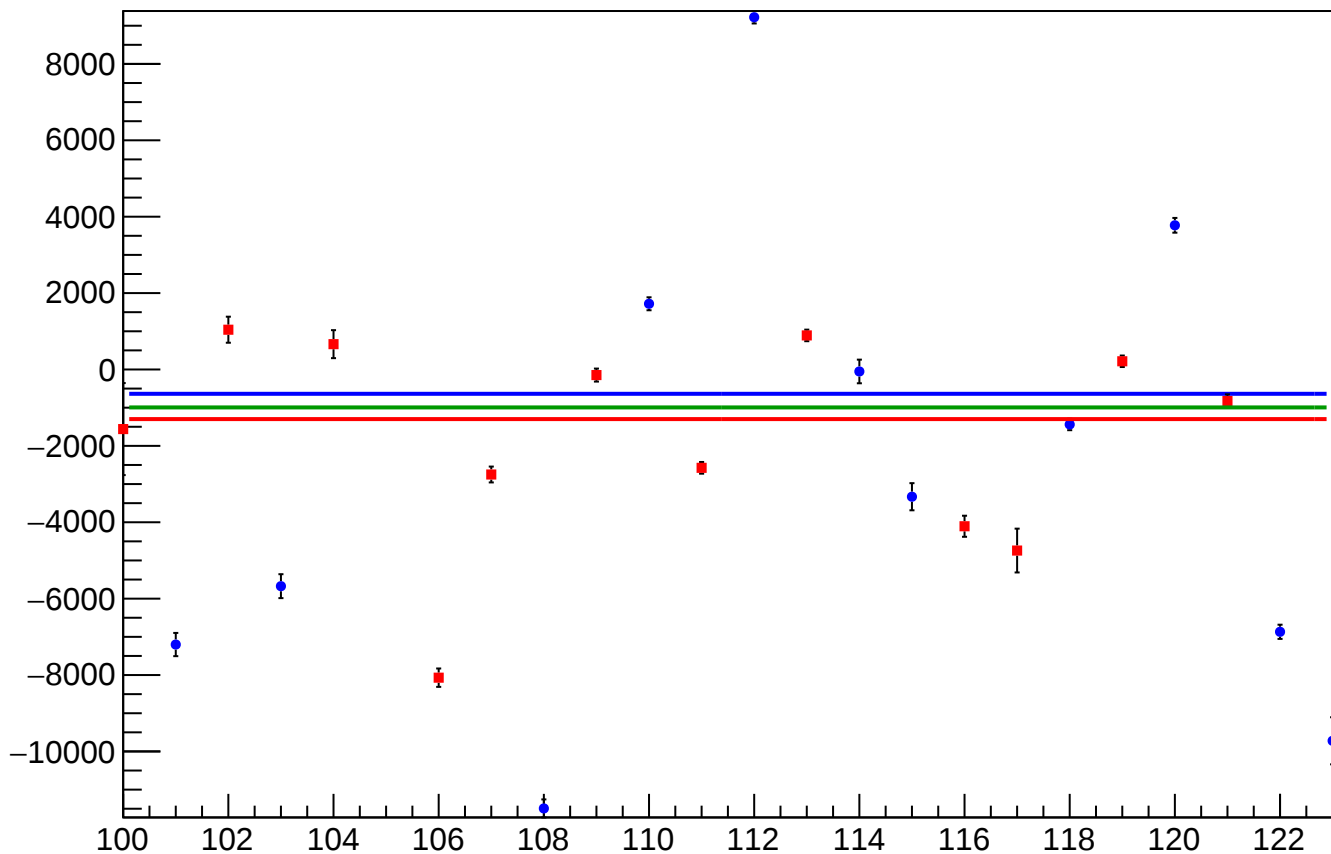
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

202.073+/-0.077 χ^2/NDF : 445794.5/10

189.390+/-0.050 χ^2/NDF : 1295802.2/22

180.110+/-0.065 χ^2/NDF : 802428.9/11

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -636.688+/-65.590 χ^2/NDF : 8643.1/10

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

Right Out: -1298.865+/-60.708 χ^2/NDF : 1488.1/11

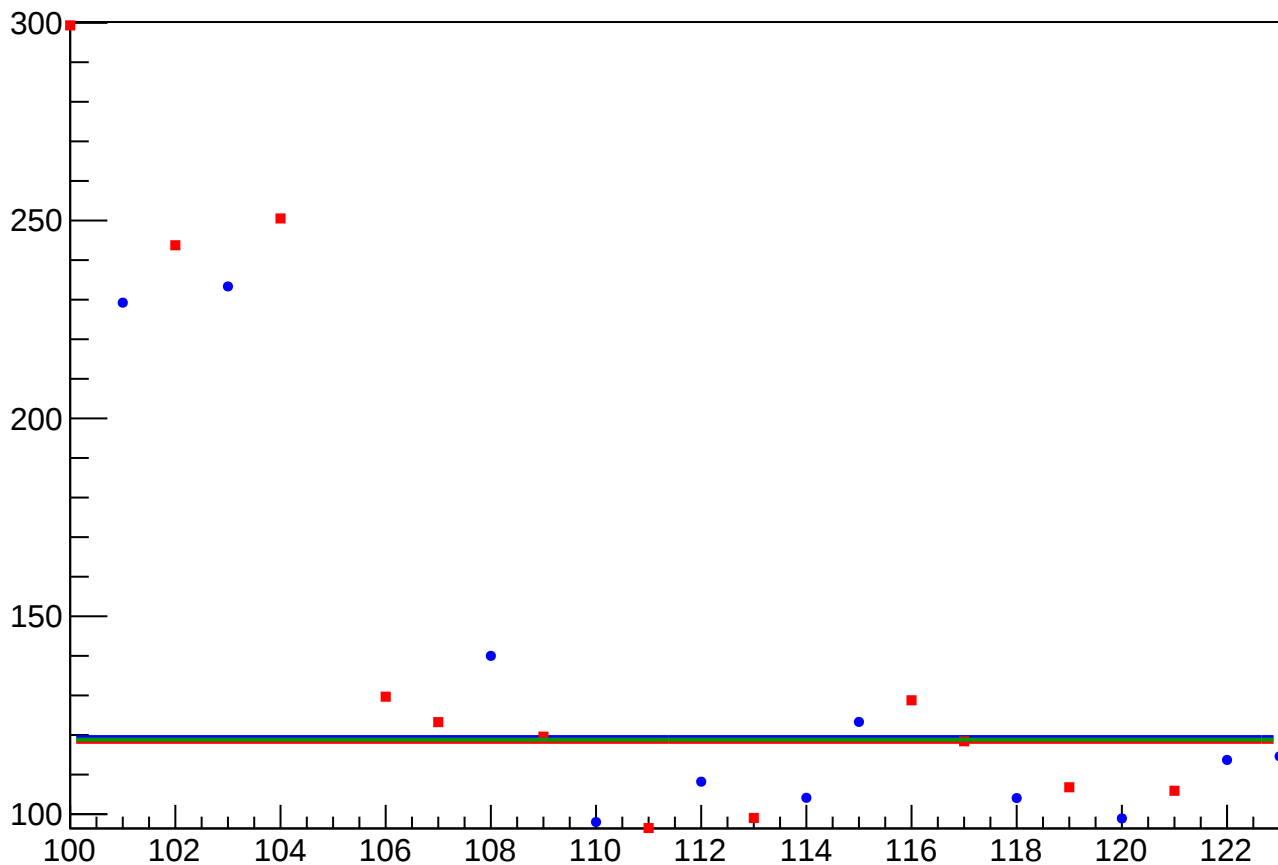
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-636.688+/-65.590 χ^2/NDF : 8643.1/10

-993.331+/-44.553 χ^2/NDF : 10186.2/22

-1298.865+/-60.708 χ^2/NDF : 1488.1/11

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 119.478+/-0.046 χ^2/NDF : 632428.1/10

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

Right Out: 118.276+/-0.043 χ^2/NDF : 679499.0/11

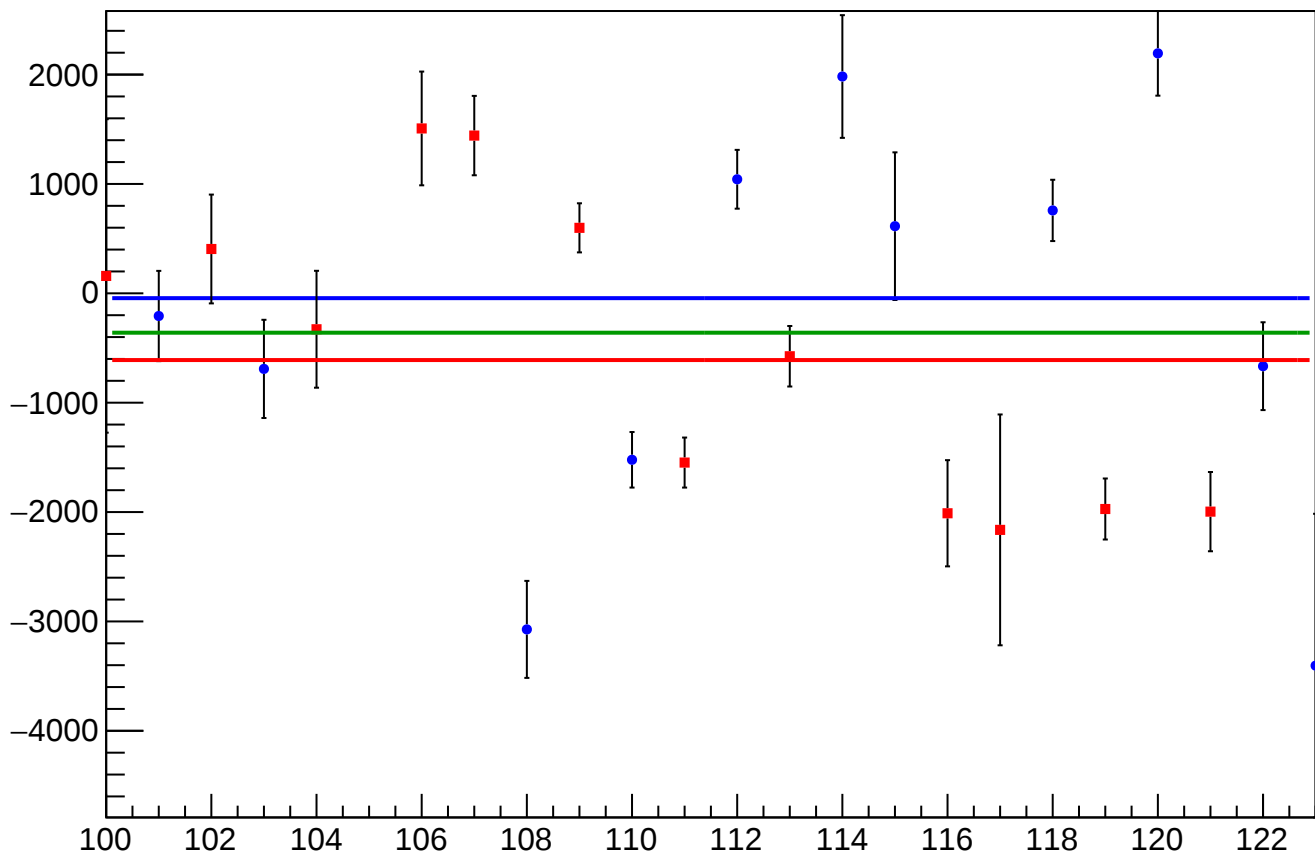
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

119.478+/-0.046 χ^2/NDF : 632428.1/10

118.830+/-0.032 χ^2/NDF : 1312289.2/22

118.276+/-0.043 χ^2/NDF : 679499.0/11

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -44.185+/-114.130 χ^2/NDF : 163.0/10

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

Right Out: -610.130+/-101.557 χ^2/NDF : 148.1/11

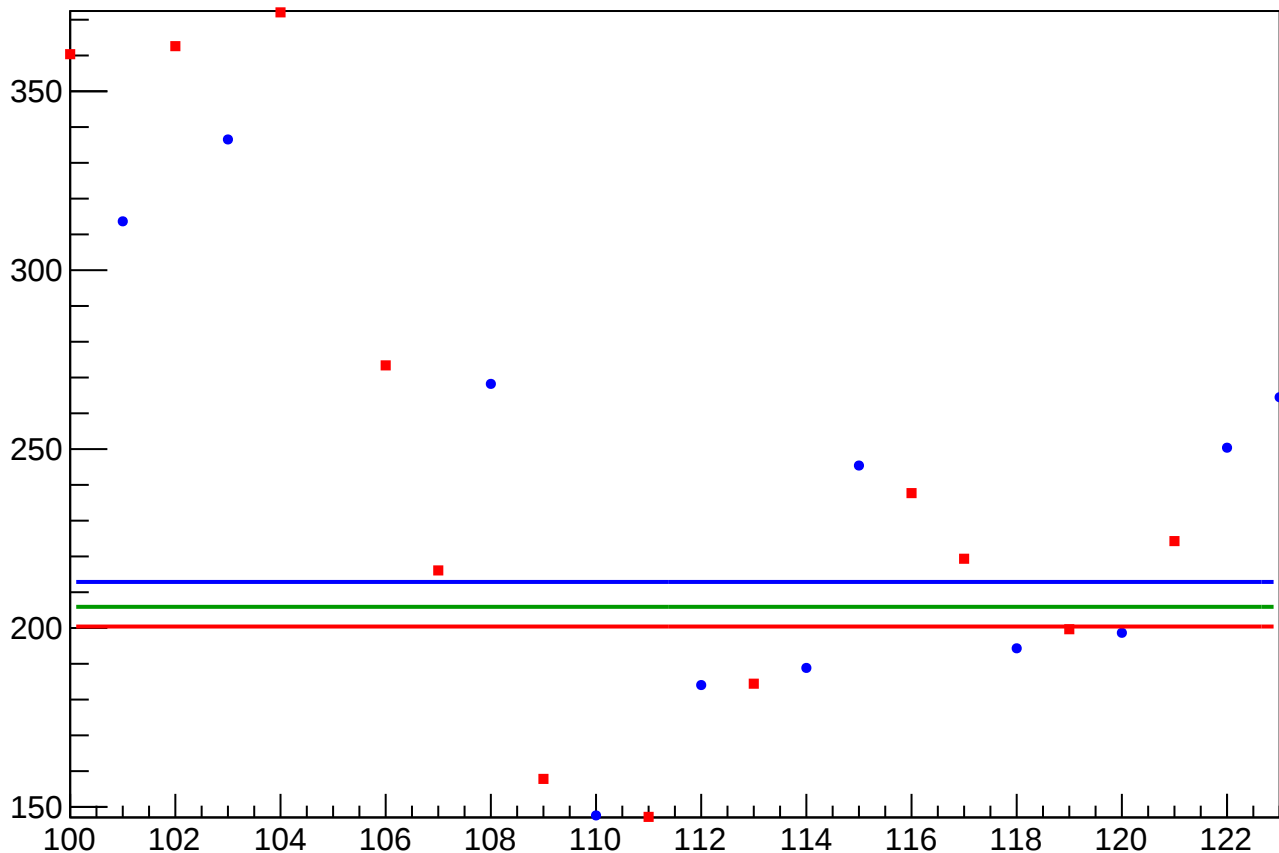
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-44.185+/-114.130 χ^2/NDF : 163.0/10

-360.036+/-75.869 χ^2/NDF : 324.8/22

-610.130+/-101.557 χ^2/NDF : 148.1/11

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 212.874 ± 0.081 $\chi^2/\text{NDF}: 497267.1/10$

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

Right Out: 200.413 ± 0.072 $\chi^2/\text{NDF}: 694943.4/11$

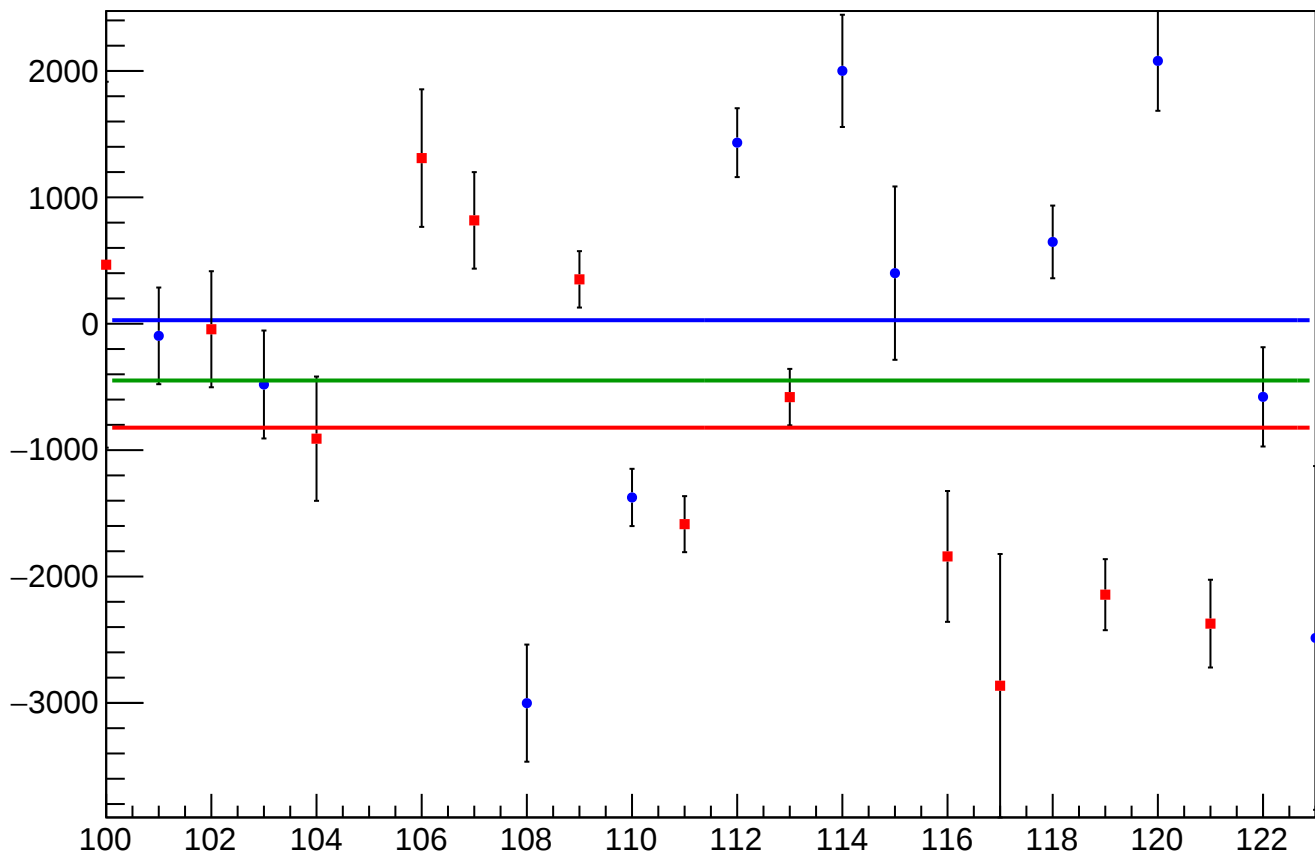
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

212.874 ± 0.081 $\chi^2/\text{NDF}: 497267.1/10$

205.920 ± 0.054 $\chi^2/\text{NDF}: 1205516.9/22$

200.413 ± 0.072 $\chi^2/\text{NDF}: 694943.4/11$

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 27.989 ± 109.976 χ^2/NDF : 166.7/10

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

Right Out: -822.168 ± 97.269 χ^2/NDF : 128.0/11

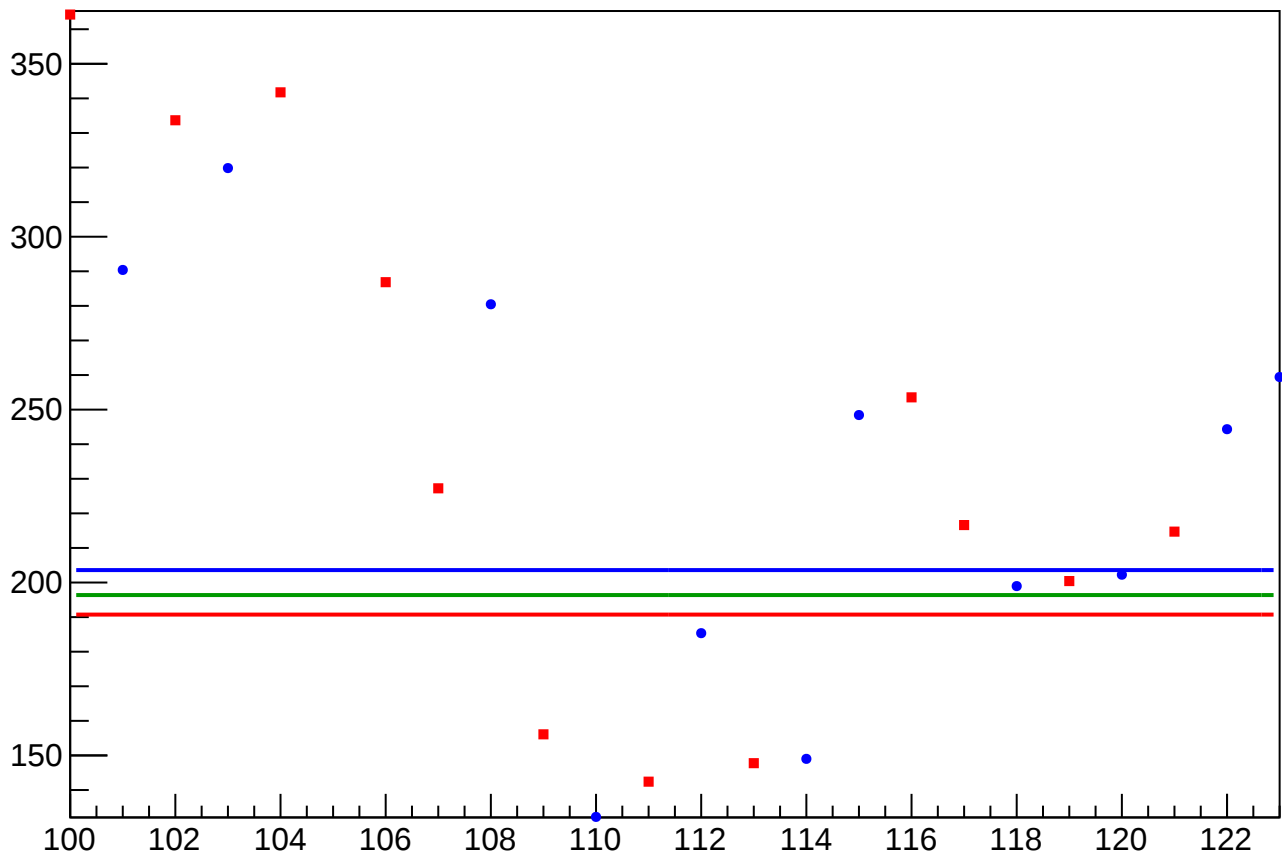
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

27.989 ± 109.976 χ^2/NDF : 166.7/10

-449.020 ± 72.860 χ^2/NDF : 328.2/22

-822.168 ± 97.269 χ^2/NDF : 128.0/11

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 203.598+/-0.078 χ^2/NDF : 578149.9/10

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

Right Out: 190.729+/-0.069 χ^2/NDF : 751815.0/11

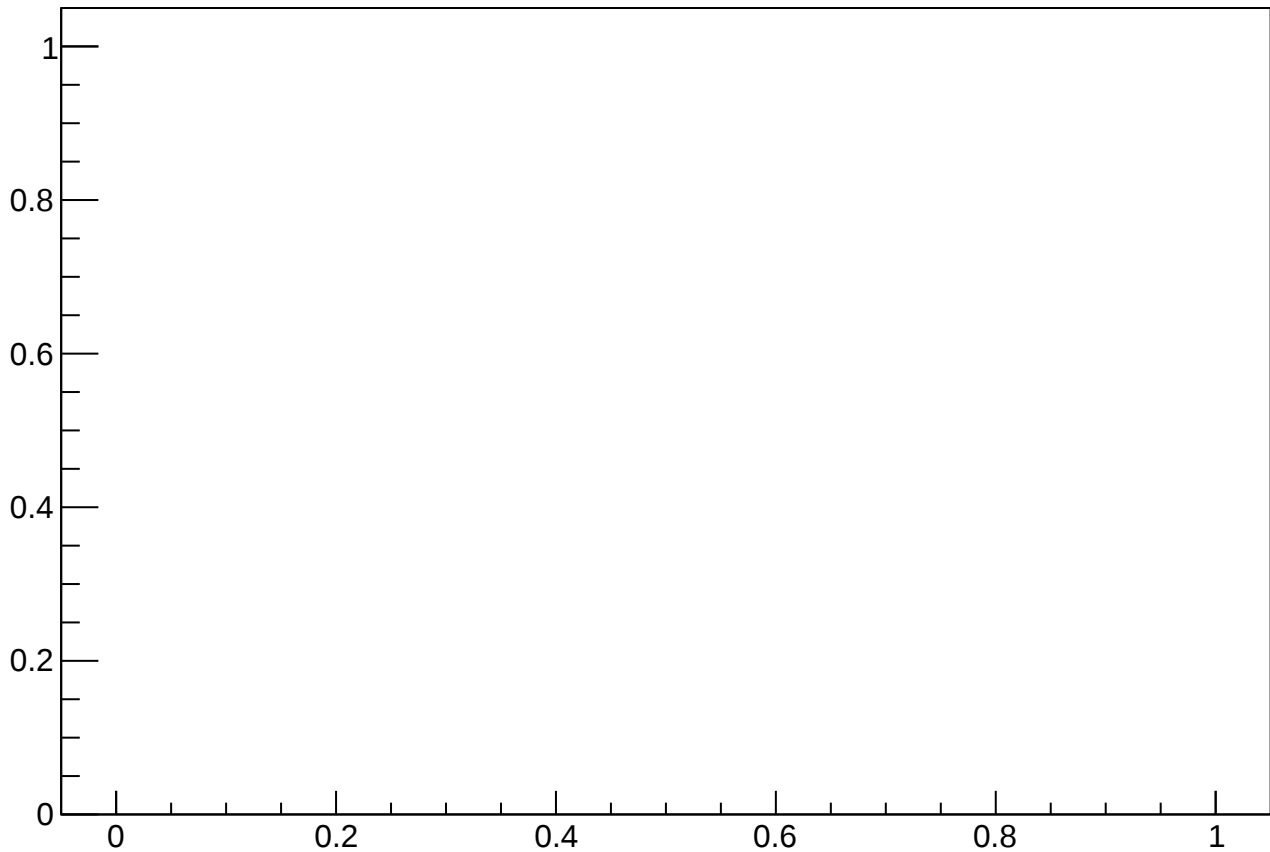
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

203.598+/-0.078 χ^2/NDF : 578149.9/10

196.377+/-0.052 χ^2/NDF : 1345329.1/22

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

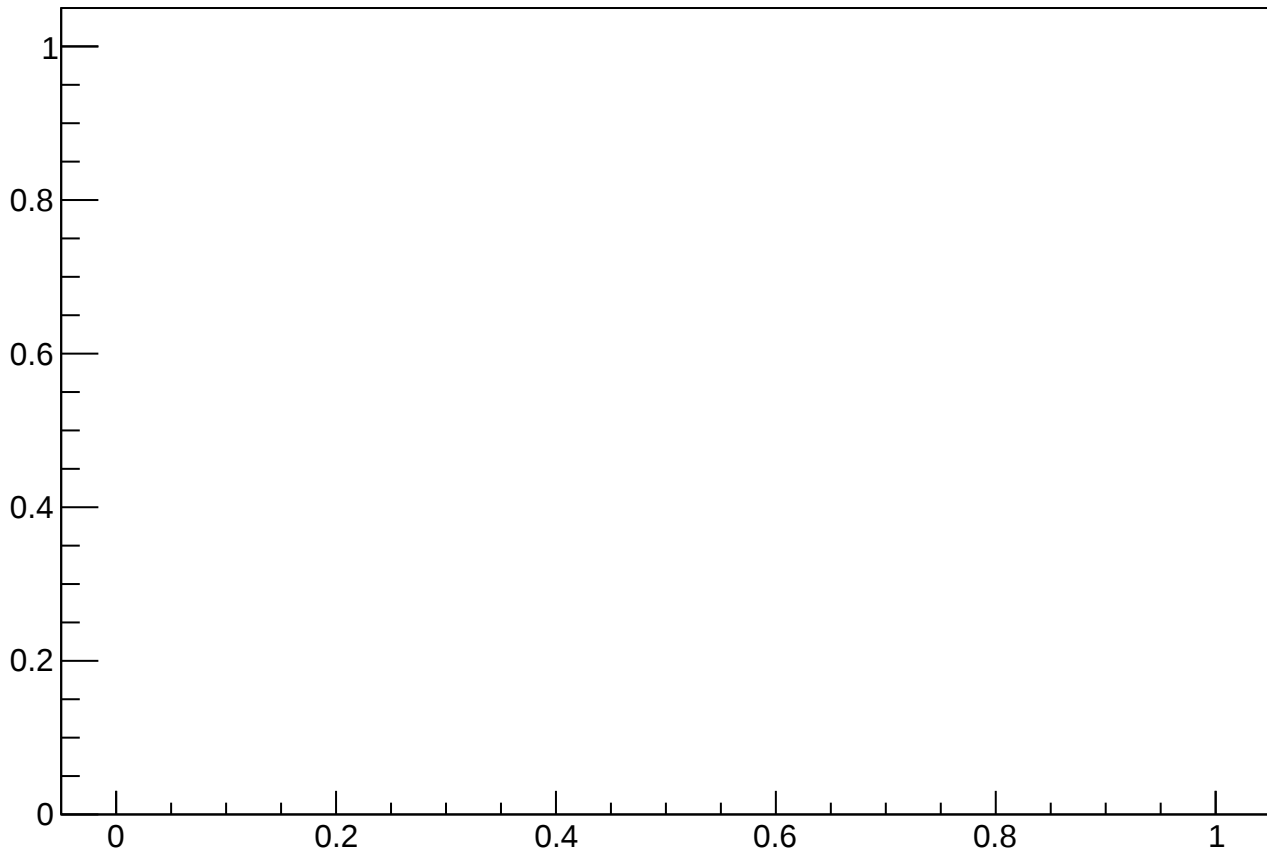
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

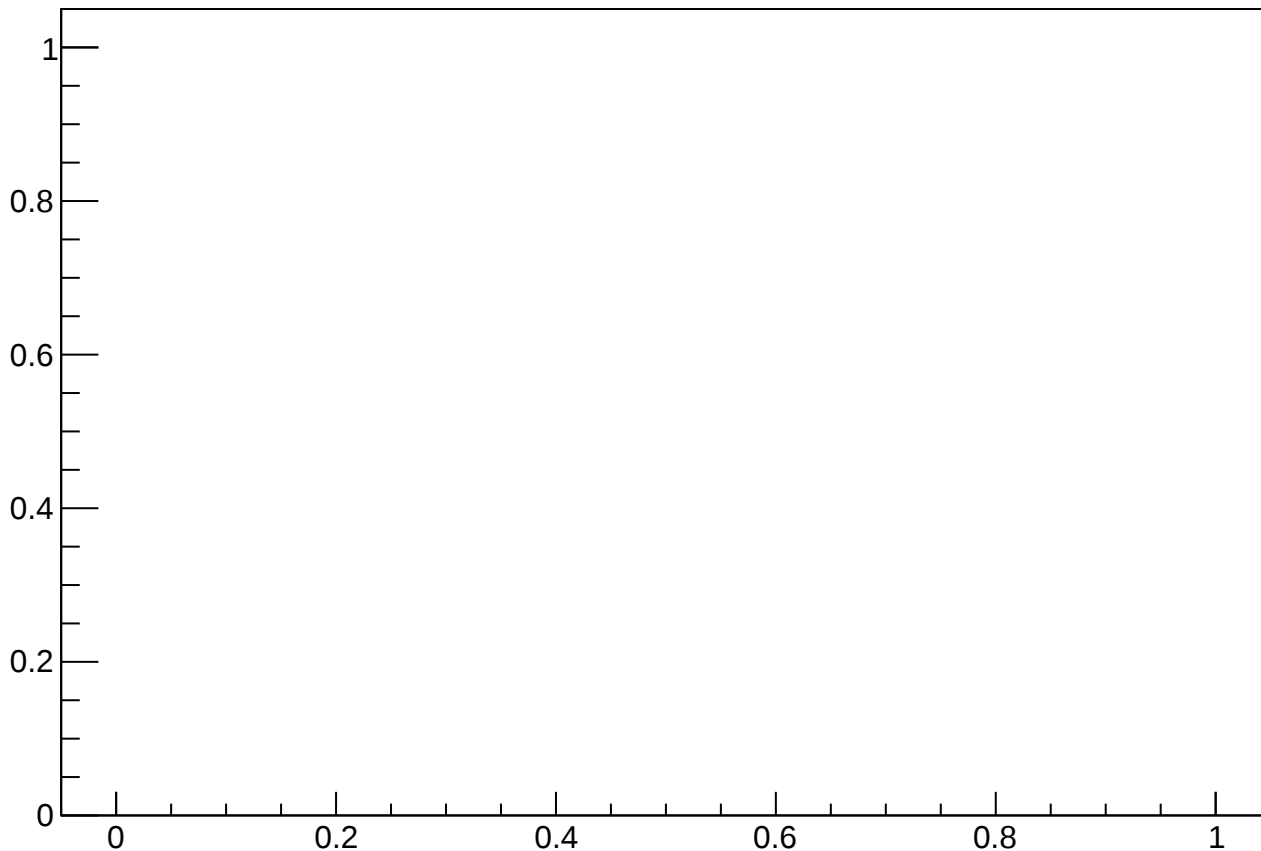
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

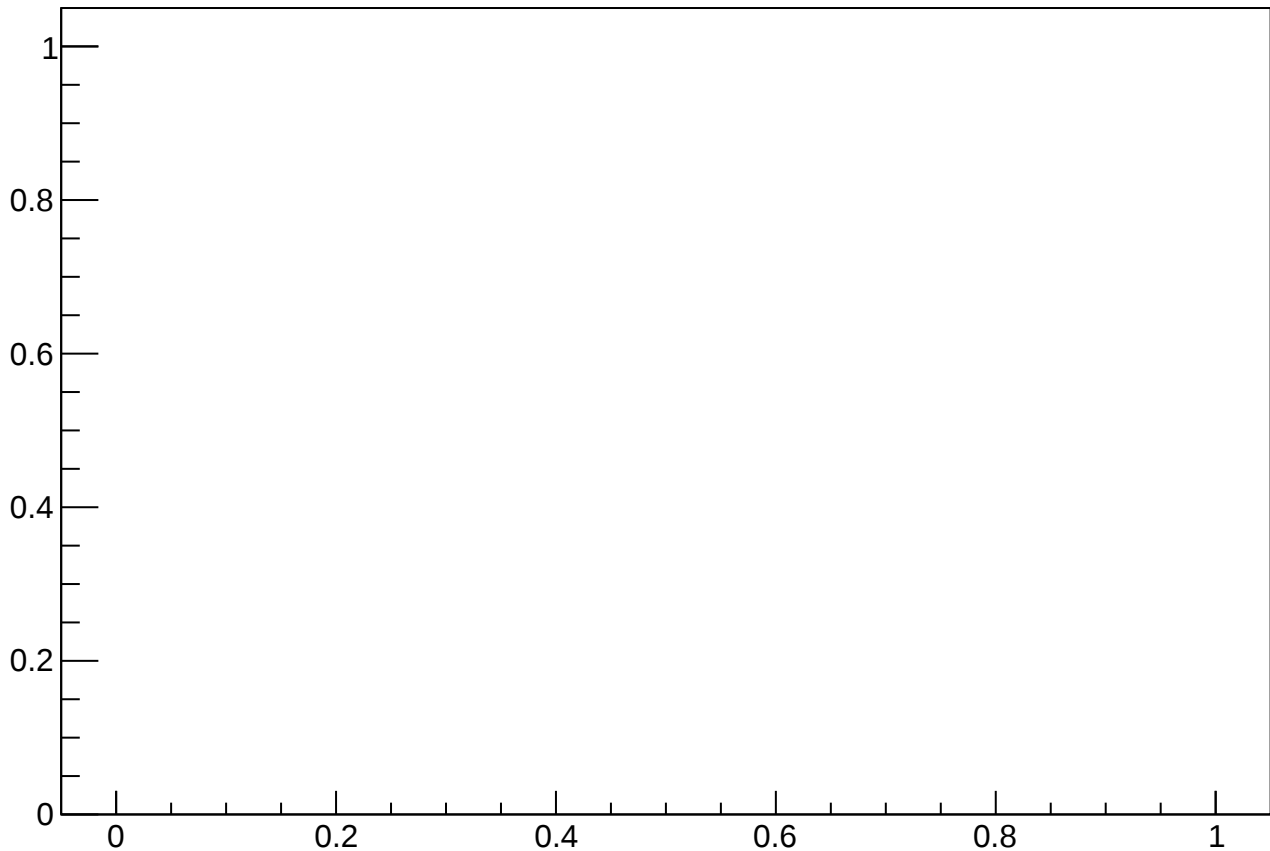
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

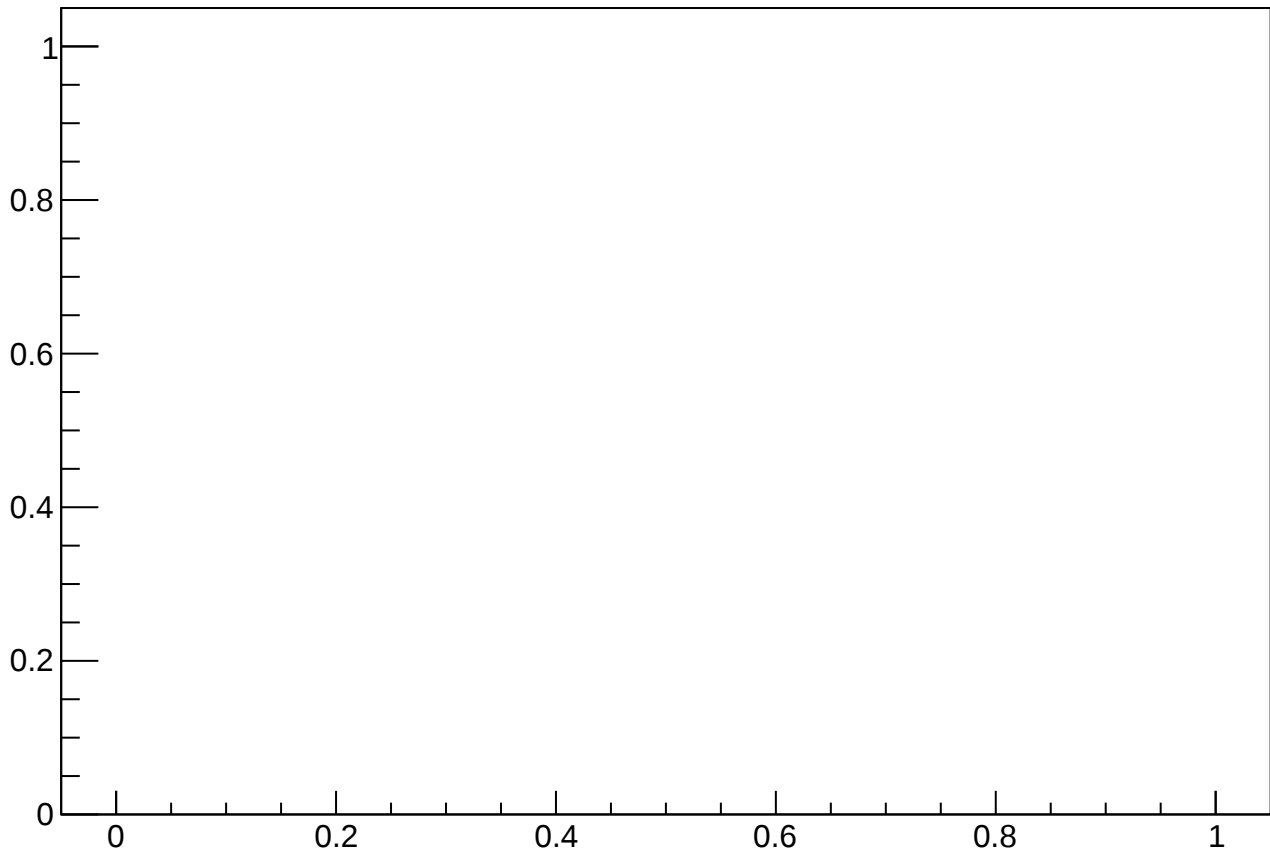
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

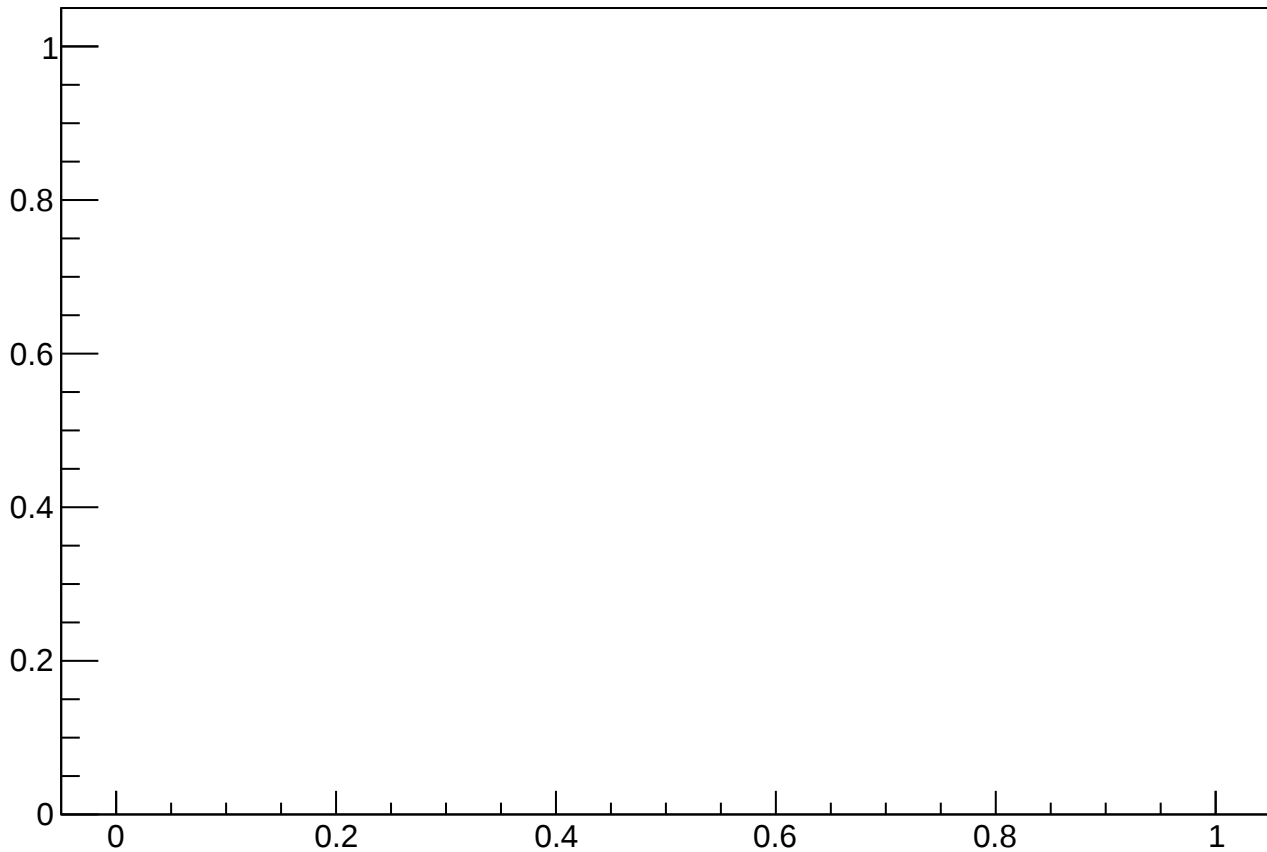
bcm_dg_us_ds_dd_mean vs Slug, Sign Corrected



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

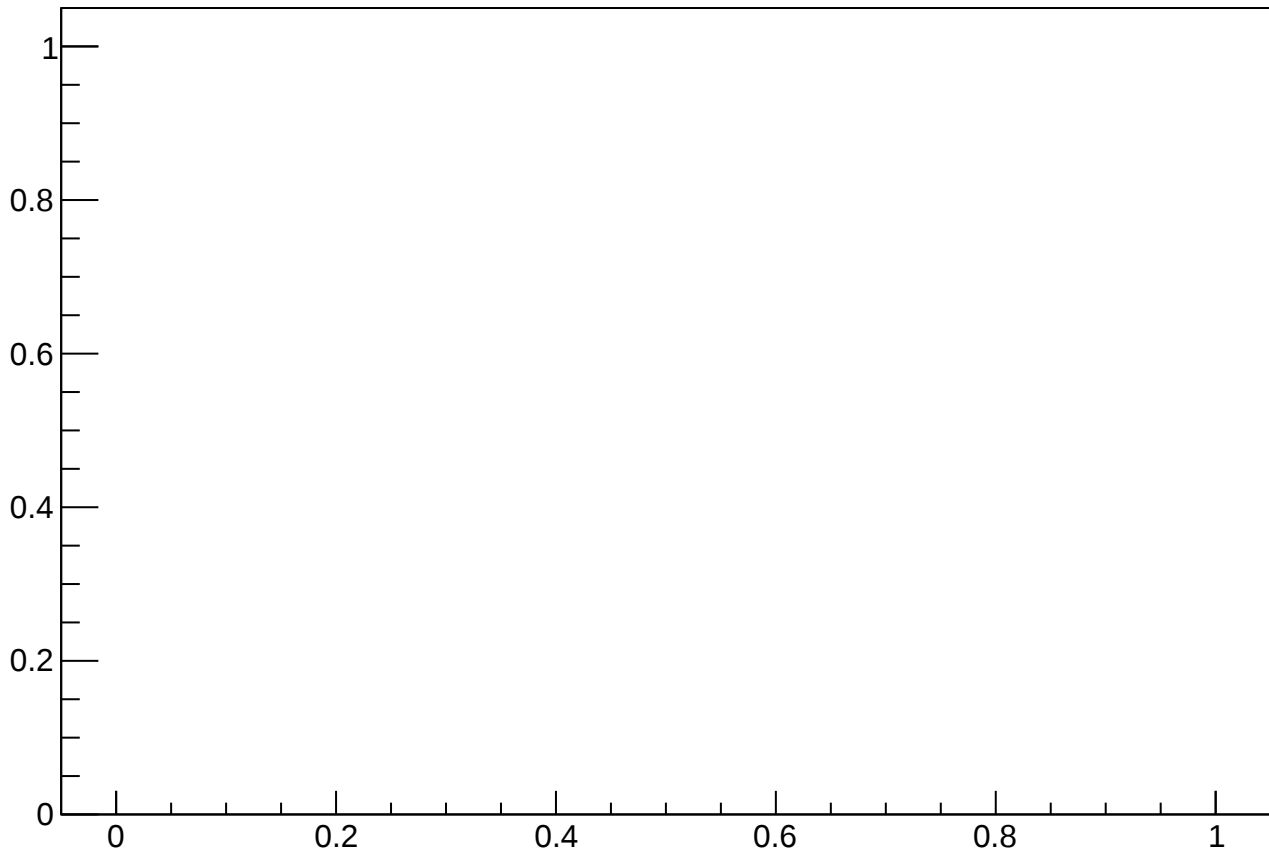
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

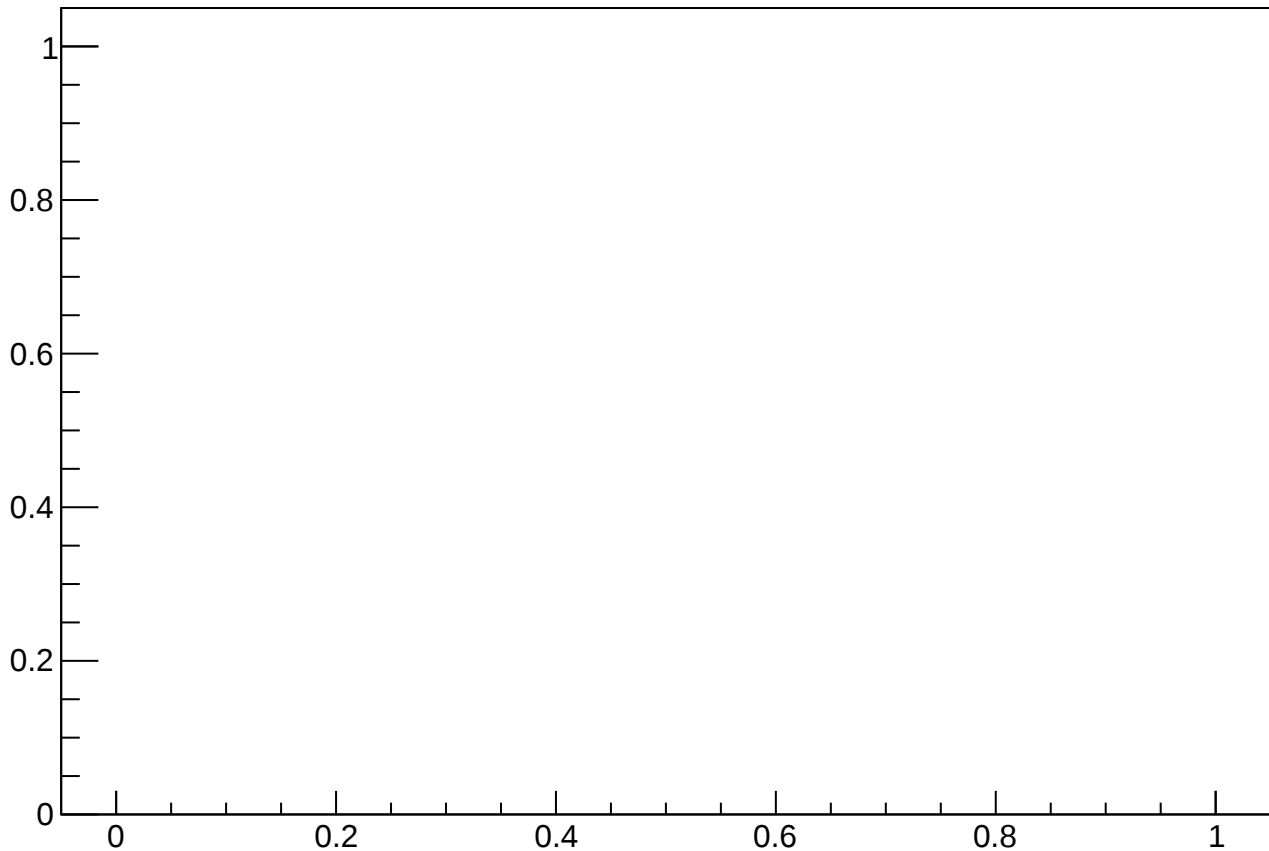
bcm_dg_ds_ds_dd_mean vs Slug, Sign Corrected



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

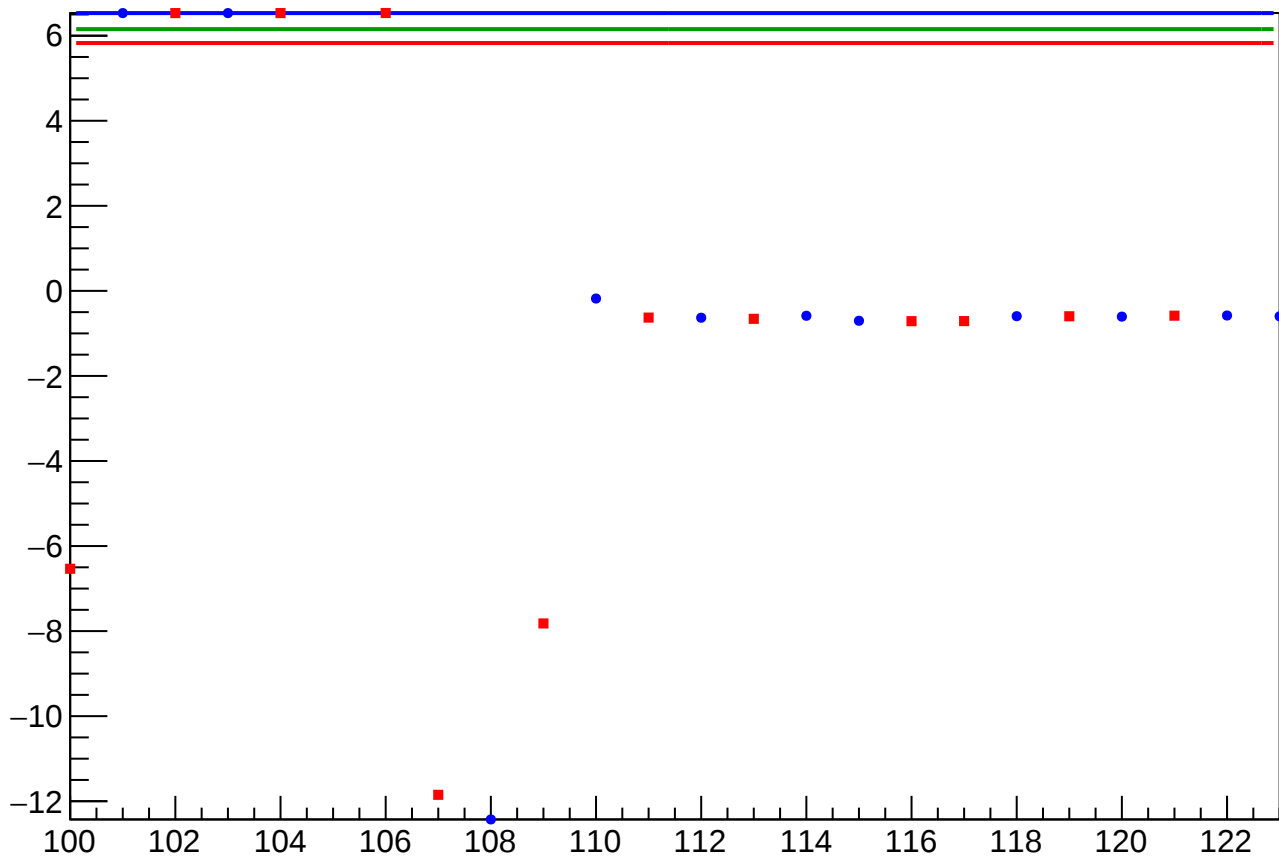
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 : 54815290701.1/10

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

Right Out: 5.828+/-0.000 χ^2/NDF : 755911905248146.8/11

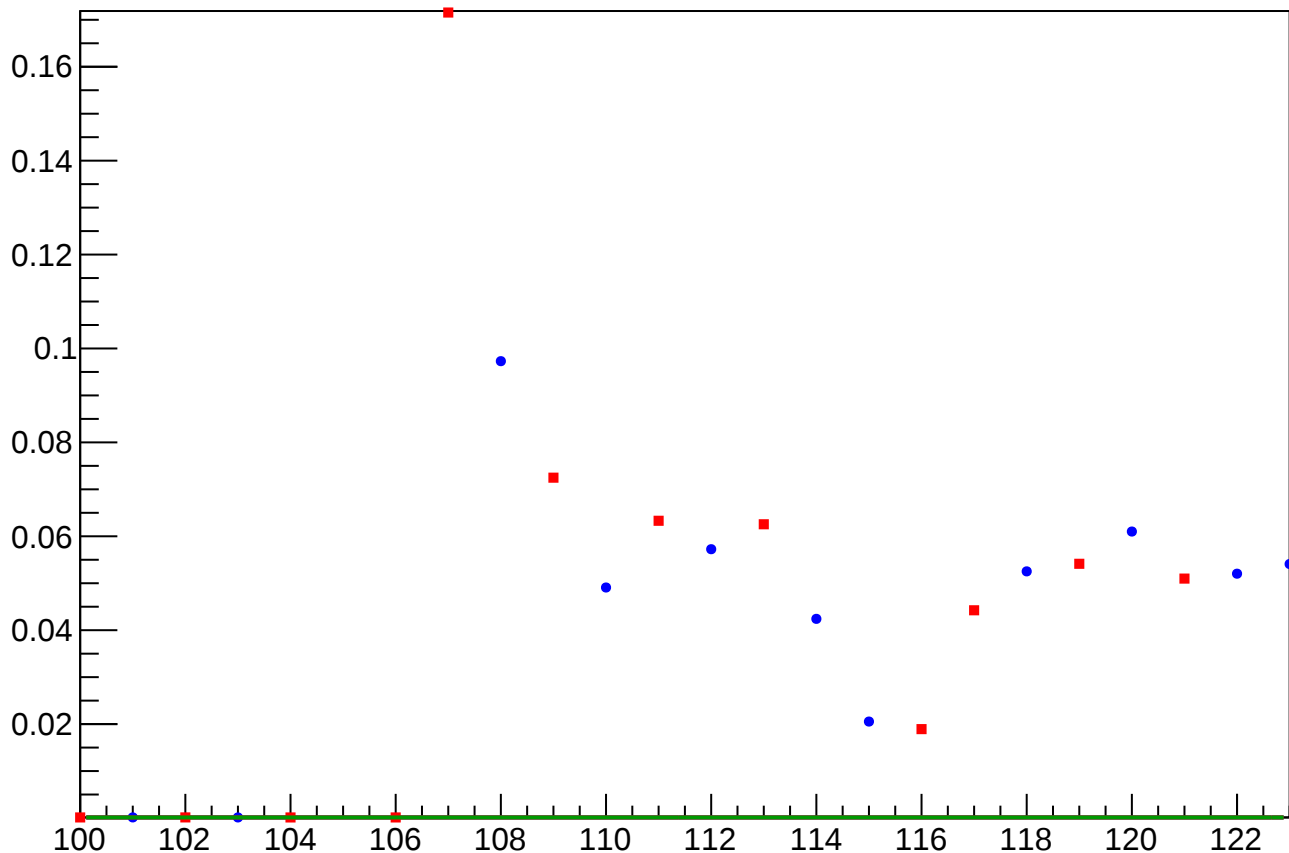
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.532+/-0.000 χ^2/NDF : 54815290701.1/10

6.155+/-0.000 χ^2/NDF : 77597292711678

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 : 4424028.3/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4794907.2/11

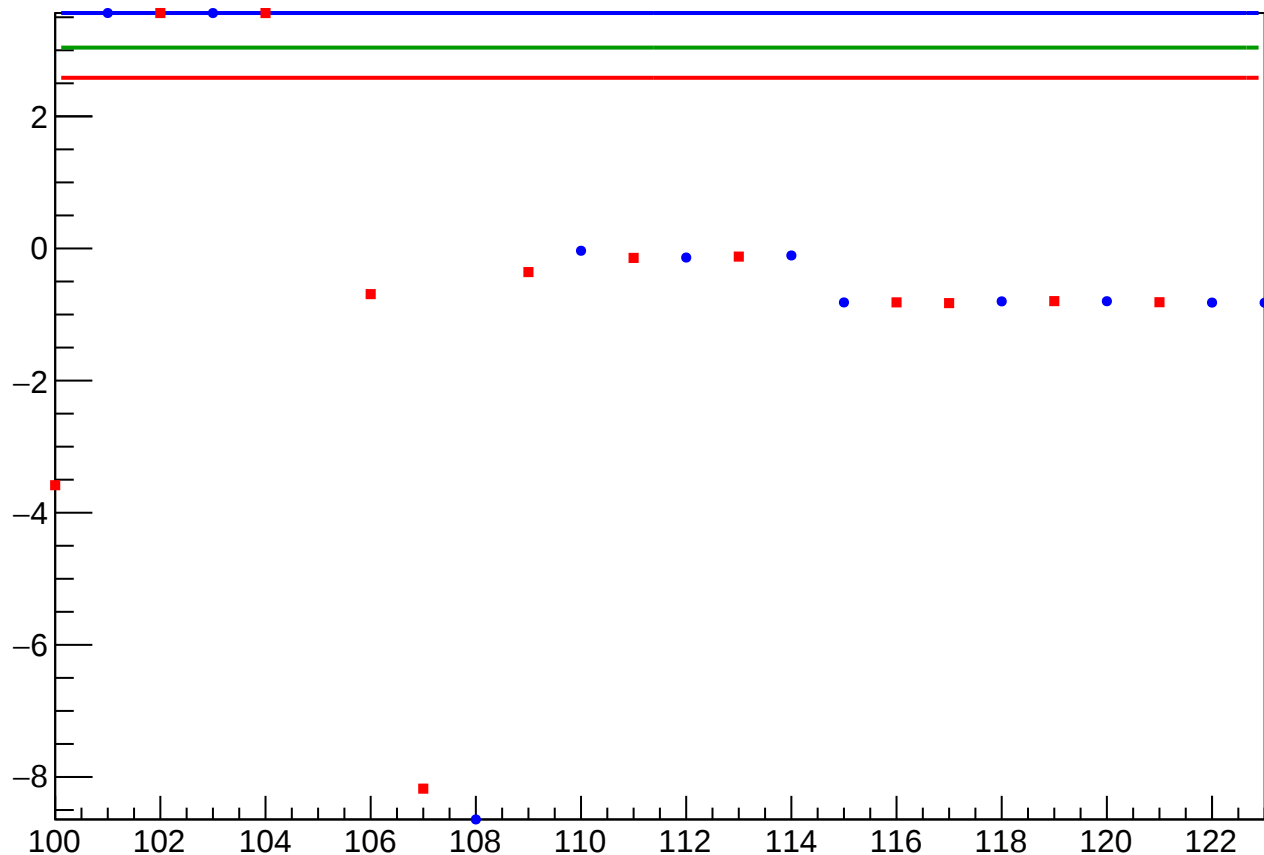
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 4424028.3/10

0.000+/-0.000 χ^2/NDF : 9219142.8/22

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 : 96659371553.0/10

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

Right Out: 2.584+/-0.000 χ^2/NDF : 1253294027249690.2/11

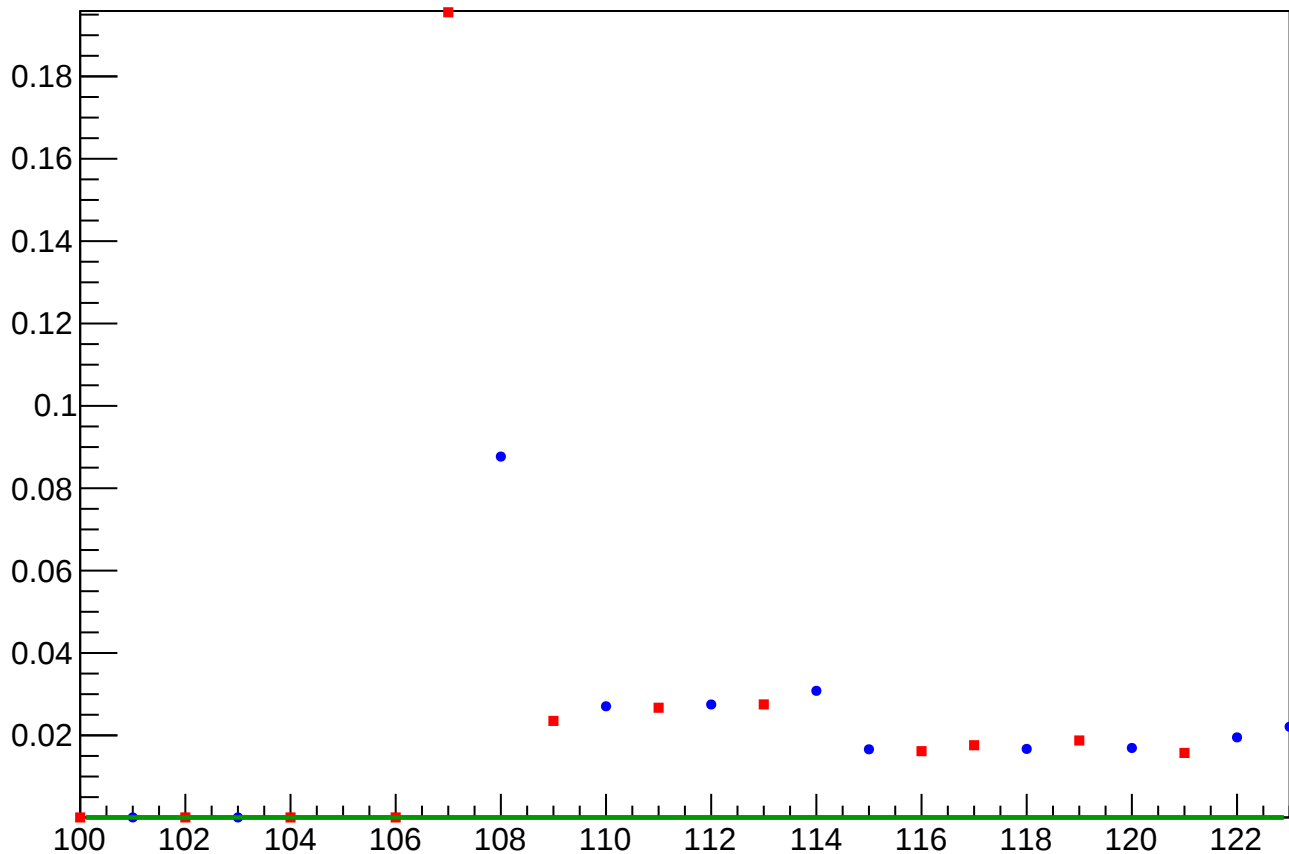
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.564+/-0.000 χ^2/NDF : 96659371553.0/10

3.041+/-0.000 χ^2/NDF : 13816884489219

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 : 4733788.5/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4887909.9/11

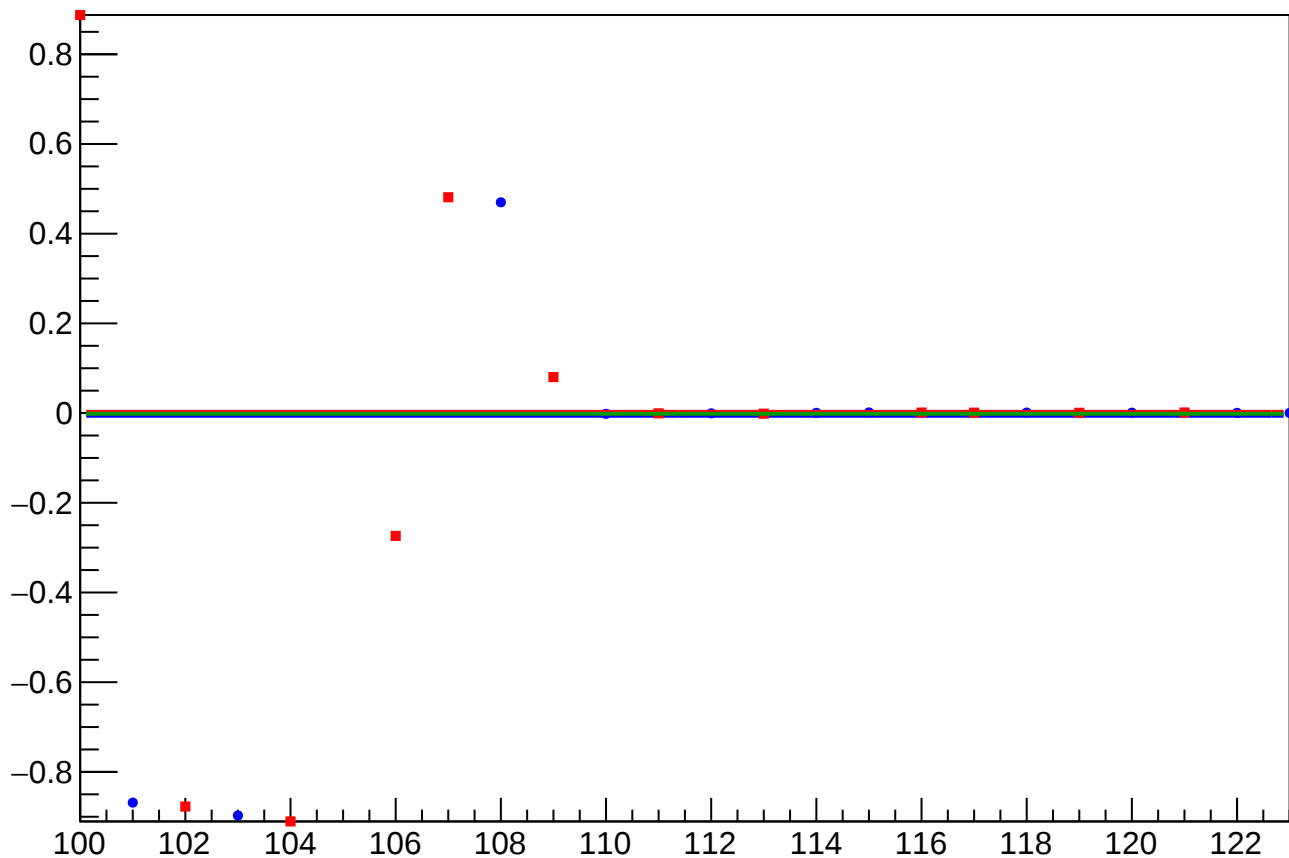
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 4733788.5/10

0.000+/-0.000 χ^2/NDF : 9621888.8/22

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: 9778444757.7/10

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

Right Out: 0.003+/-0.000 χ^2 /NDF: 3038211528.0/11

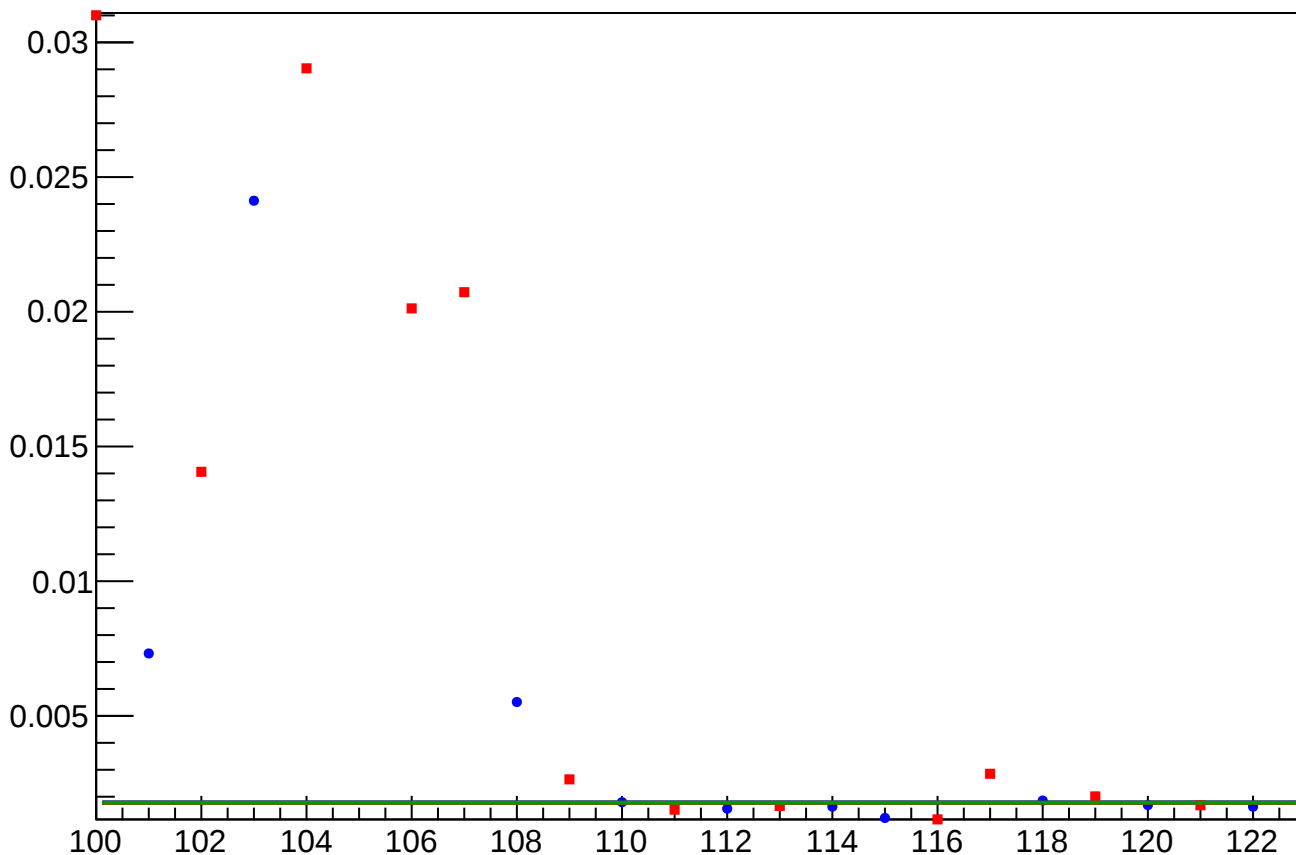
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.006+/-0.000 χ^2 /NDF: 9778444757.7/10

-0.002+/-0.000 χ^2 /NDF: 12843529985.2/10

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 : 1711268.0/10

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

Right Out: 0.002+/-0.000 χ^2/NDF : 2851864.8/11

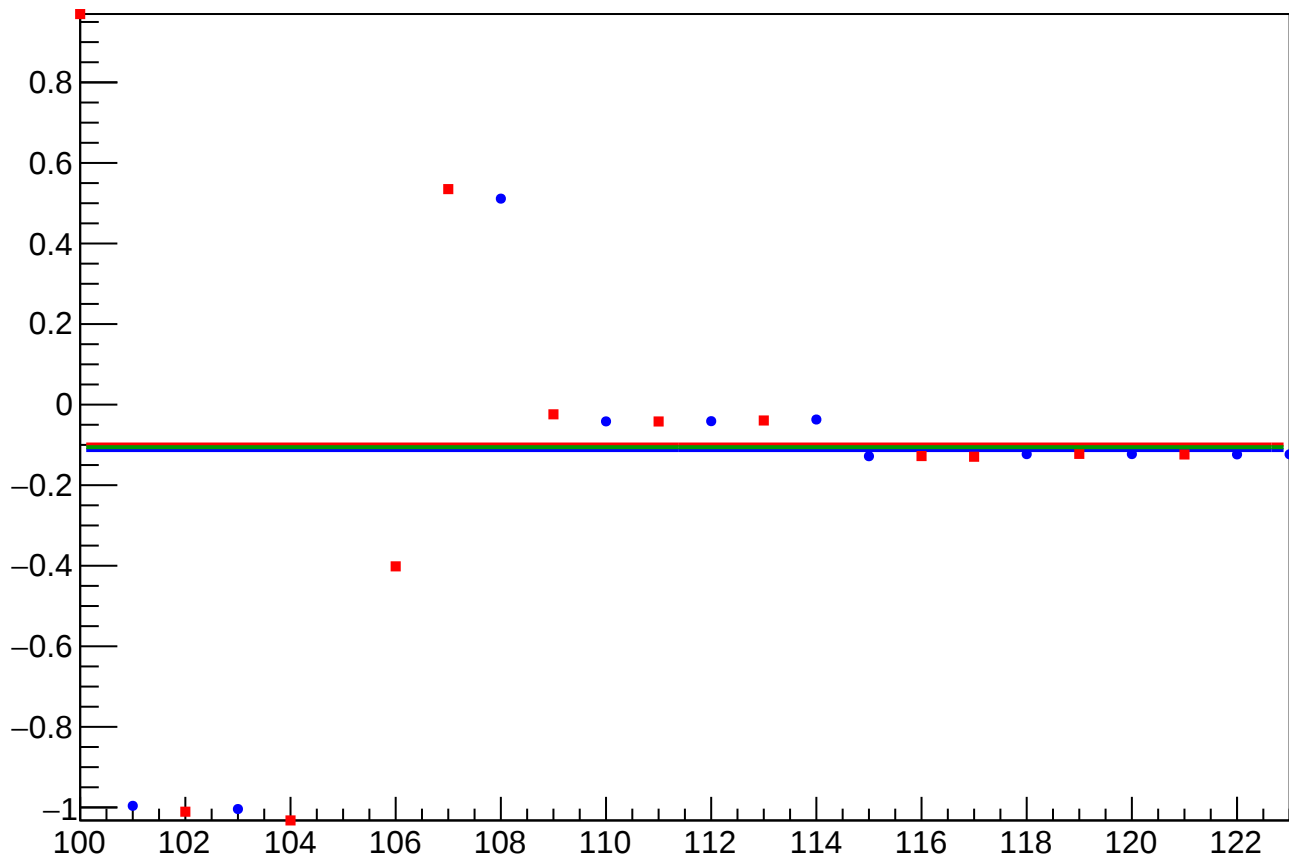
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 1711268.0/10

0.002+/-0.000 χ^2/NDF : 4563303.1/22

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 : 3882044137.4/10

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

Right Out: -0.099+/-0.000 χ^2/NDF : 2201954469.2/11

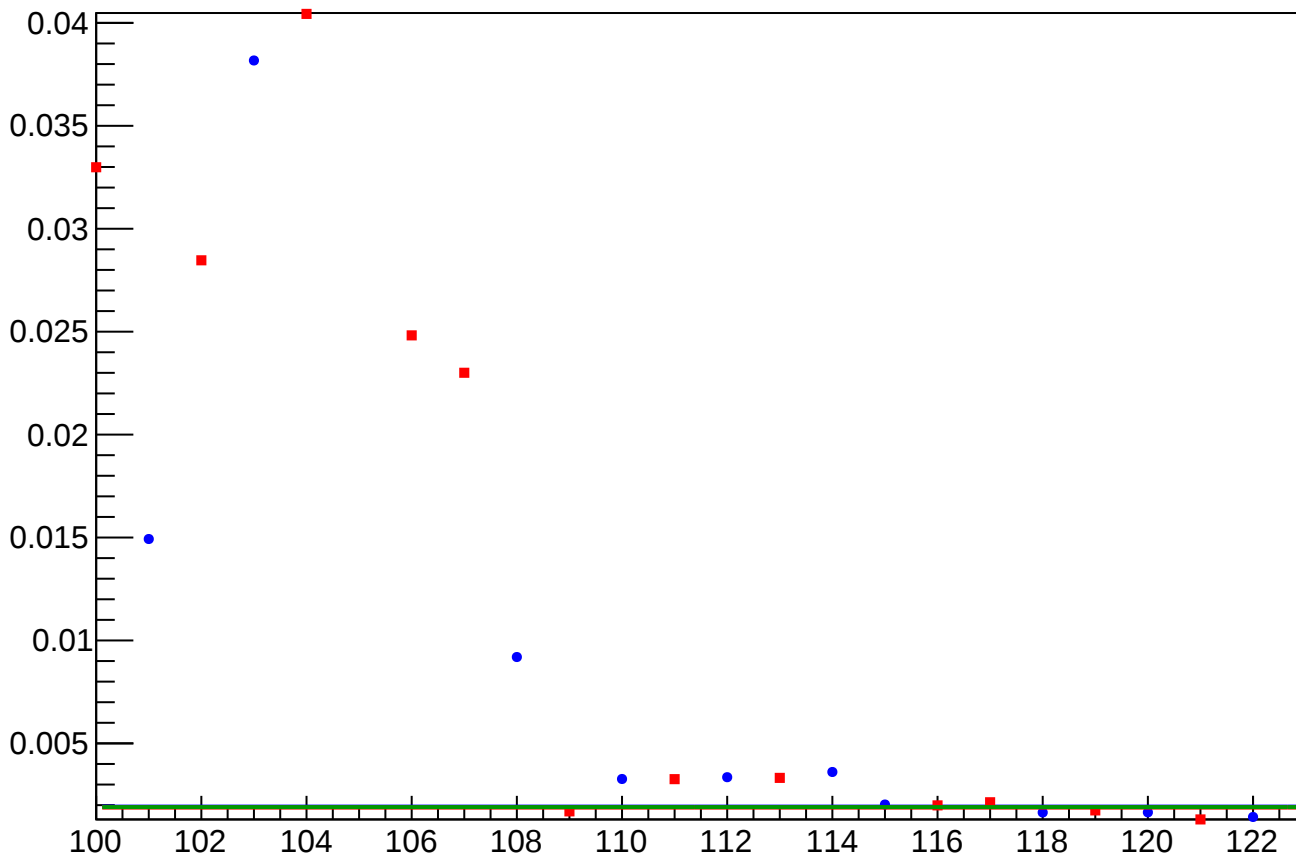
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.113+/-0.000 χ^2/NDF : 3882044137.4/10

-0.106+/-0.000 χ^2/NDF : 6142147554.6/22

-0.099+/-0.000 χ^2/NDF : 2201954469.2/11

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2594513.2/10

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3245618.8/11

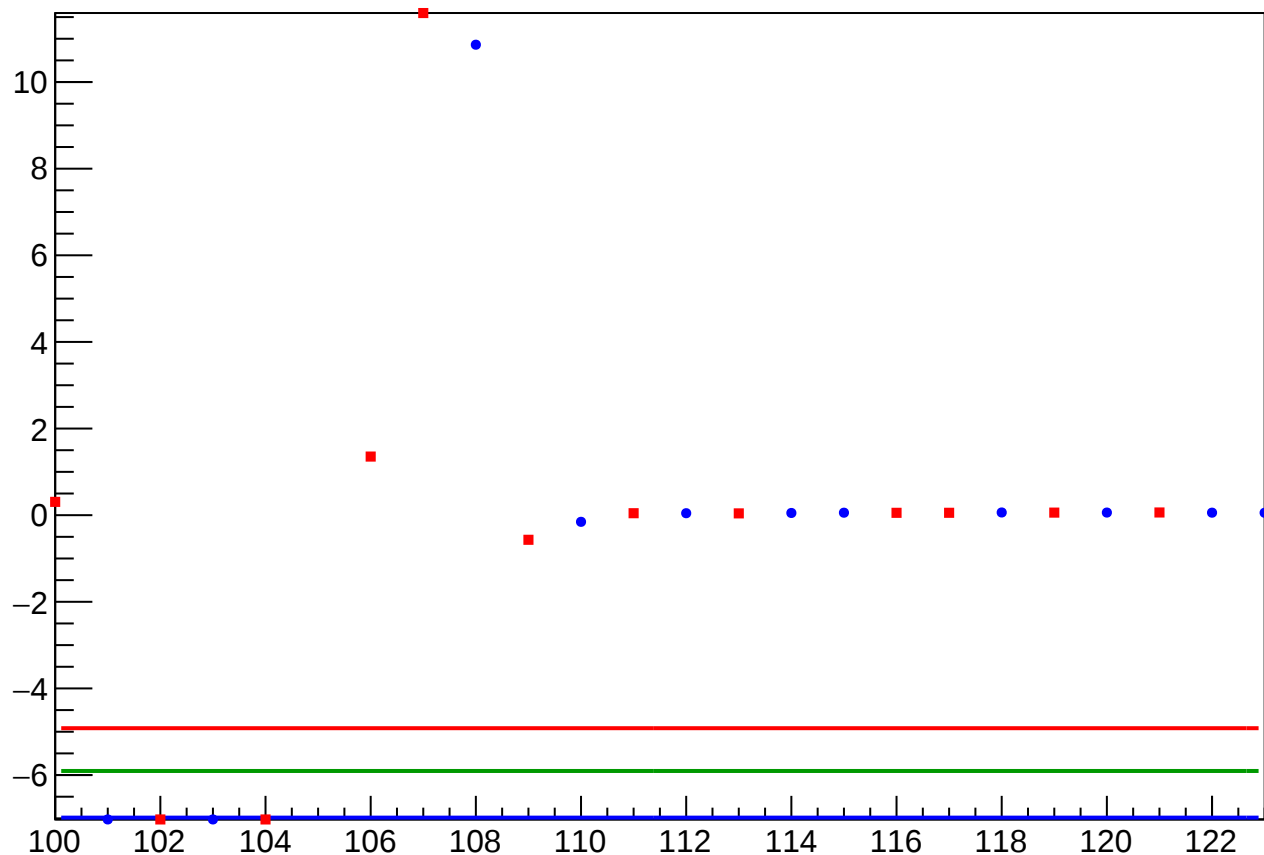
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 2594513.2/10

0.002+/-0.000 χ^2/NDF : 5841437.2/22

0.002+/-0.000 χ^2/NDF : 3245618.8/11

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -6.983+/-0.000 χ^2/NDF : 7306119322687.6/10

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

Right Out: -4.918+/-0.000 χ^2/NDF : 364733836818109.9/11

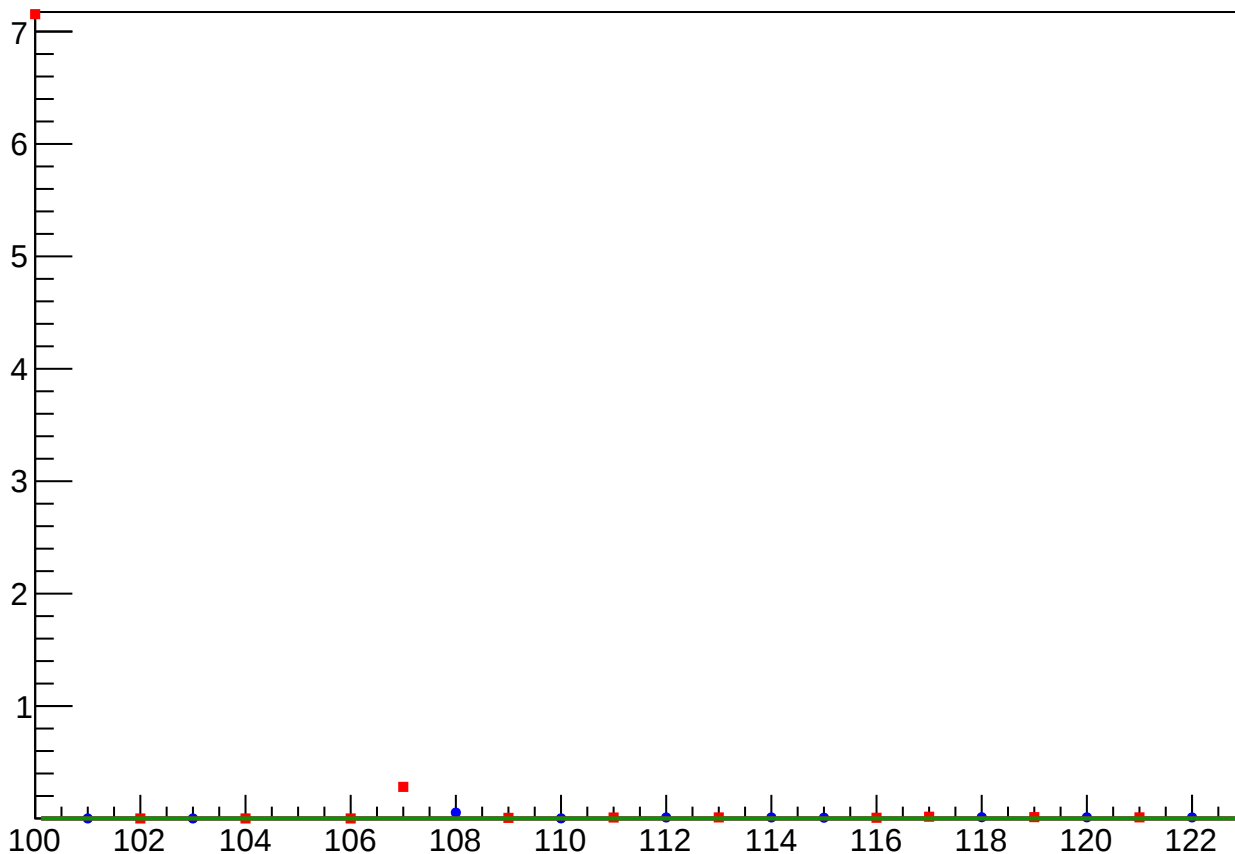
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.983+/-0.000 χ^2/NDF : 7306119322687.6/10

-5.906+/-0.000 χ^2/NDF : 42837578073916

-4.918+/-0.000 χ^2/NDF : 364733836818109.9/11

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3861717.6/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4457745.2/11

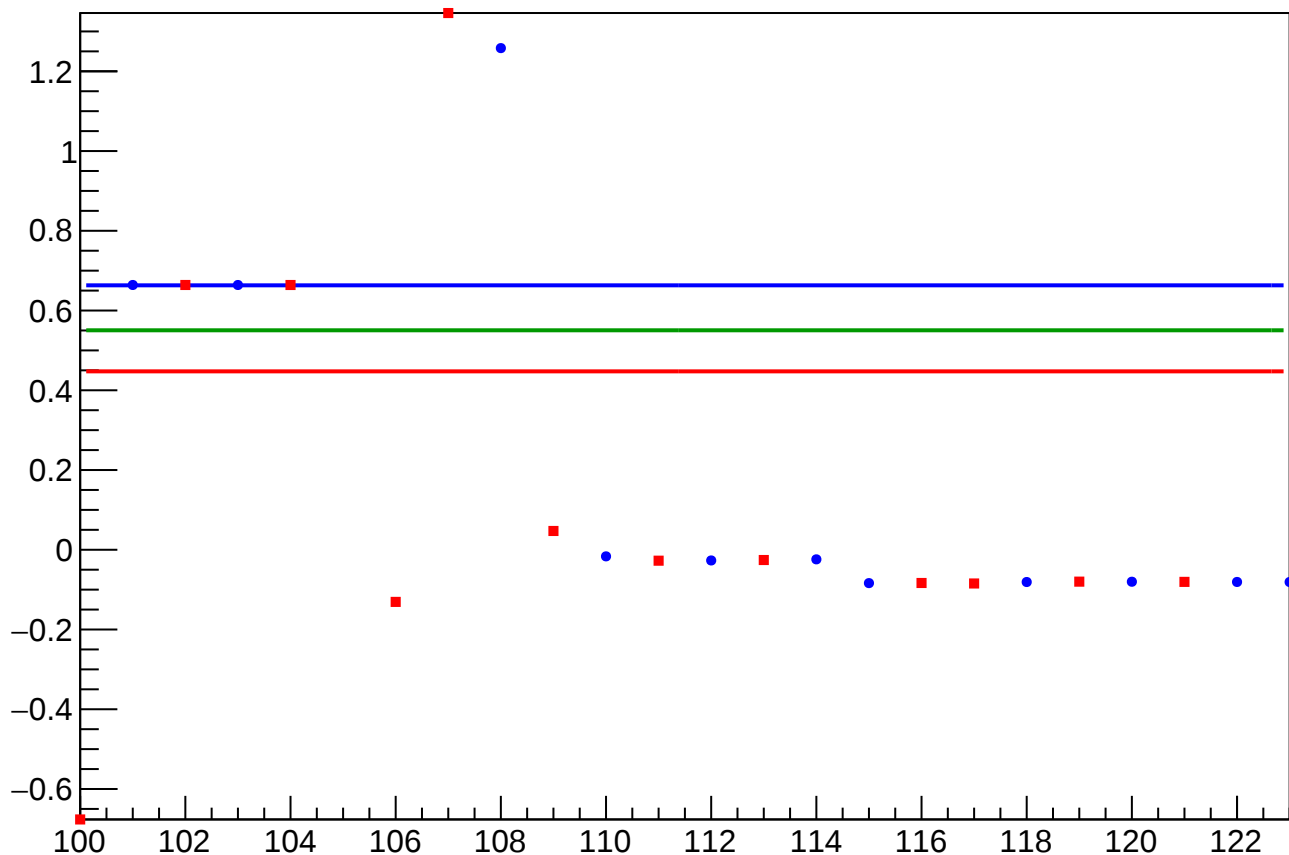
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 3861717.6/10

0.000+/-0.000 χ^2/NDF : 8319545.7/22

0.000+/-0.000 χ^2/NDF : 4457745.2/11

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.663+/-0.000 χ^2/NDF : 1657940271856.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.447+/-0.000 χ^2/NDF : 403612034203744.3/11

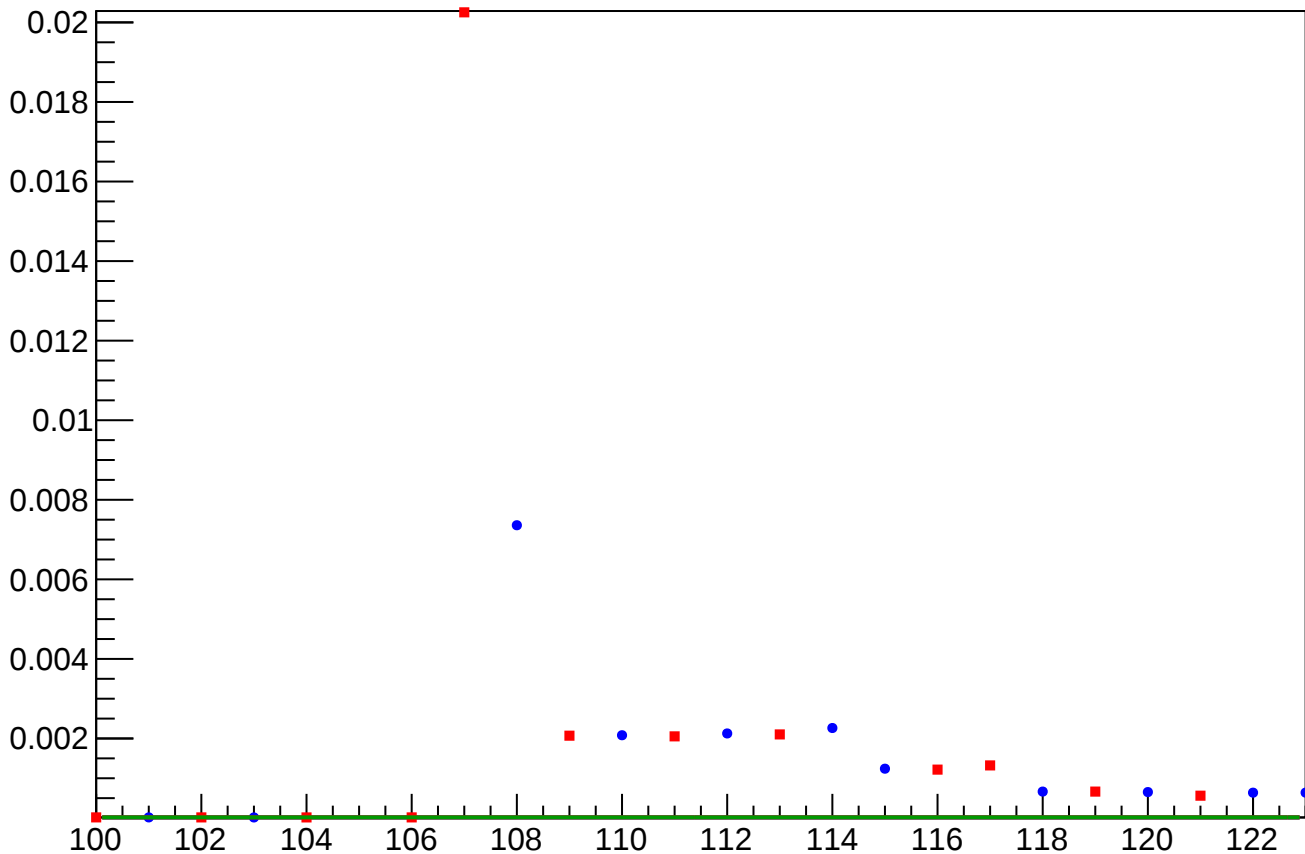
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.663+/-0.000 χ^2/NDF : 1657940271856.4/10

0.550+/-0.000 χ^2/NDF : 46852735136529

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 : 4820508.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4567266.2/11

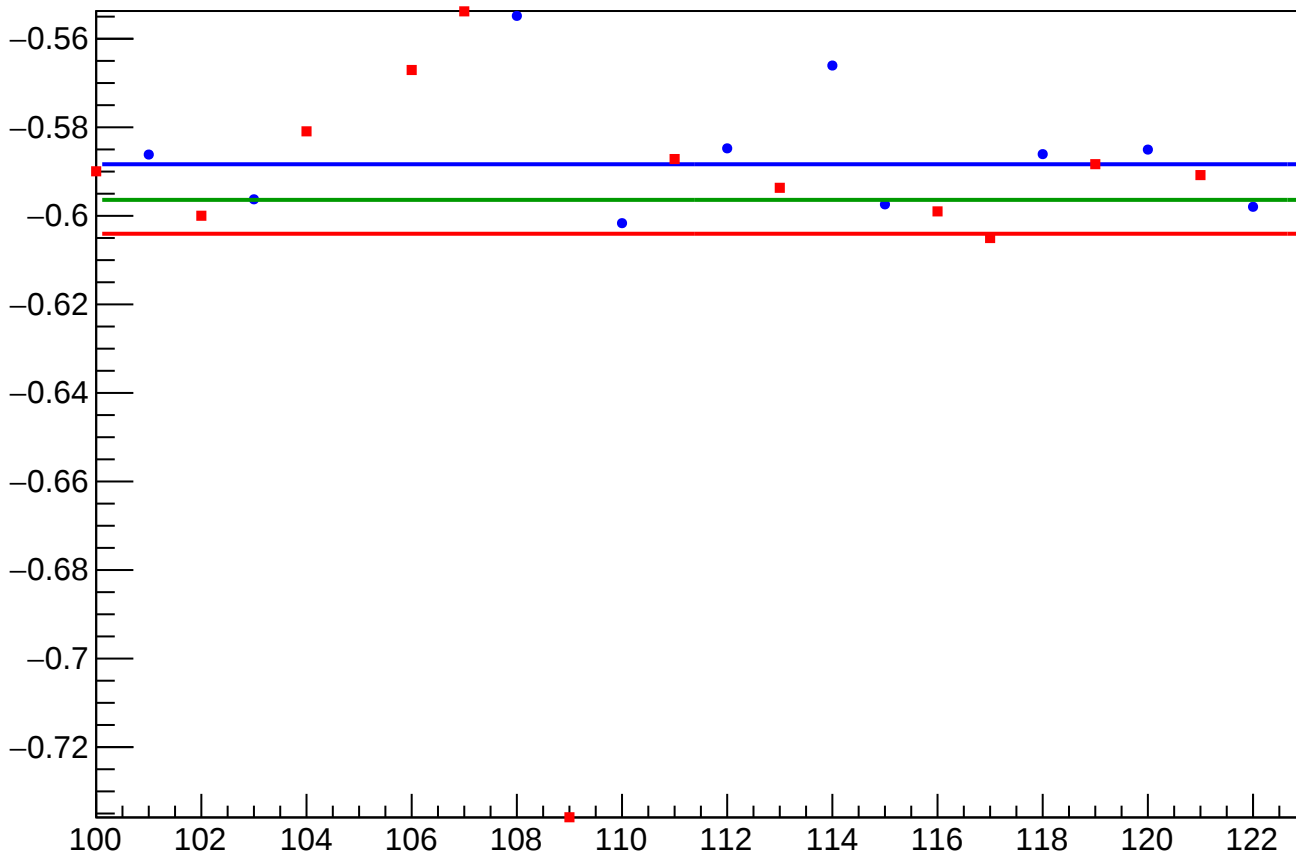
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 4820508.3/10

0.000+/-0.000 χ^2/NDF : 9387842.0/22

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 : 600538.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.604+/-0.000 χ^2/NDF : 10124006.1/11

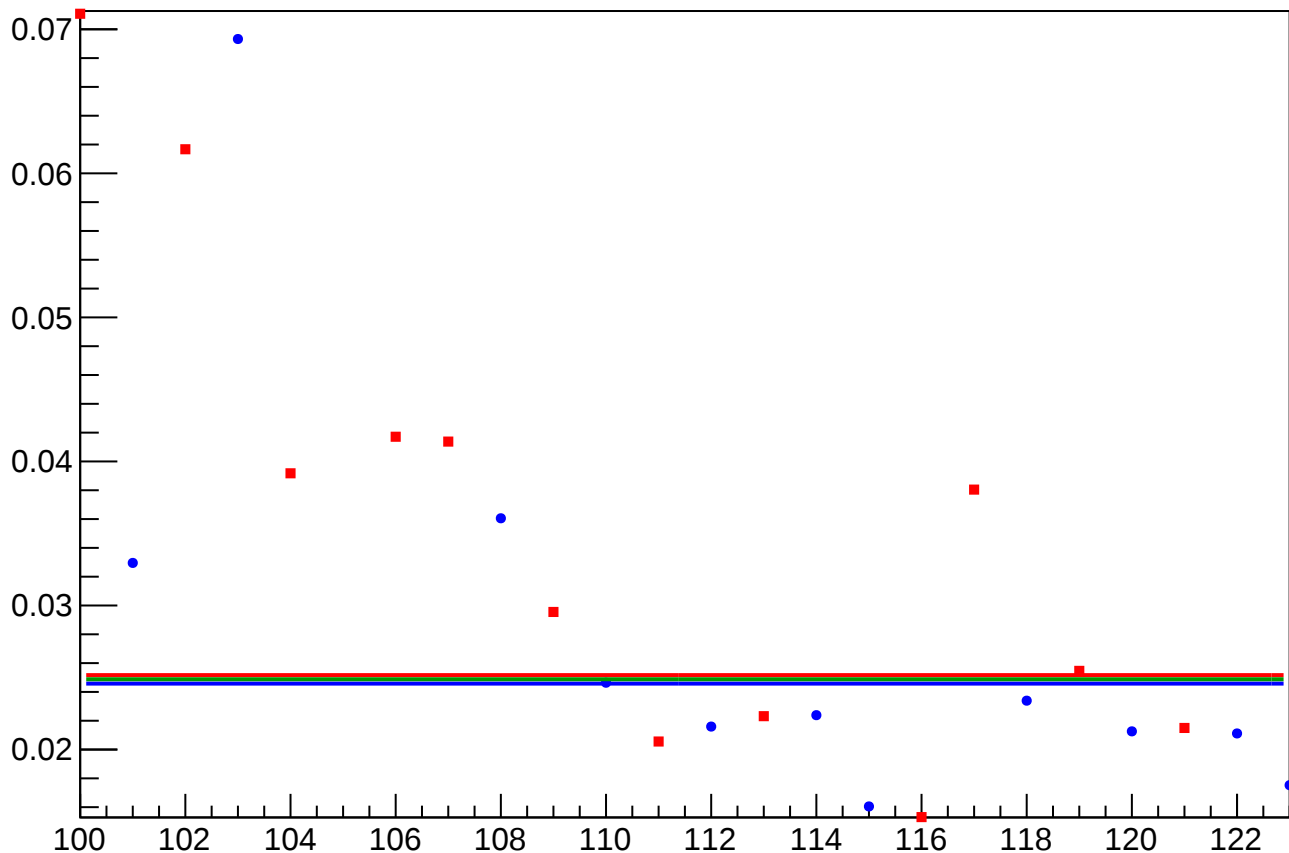
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.588+/-0.000 χ^2/NDF : 600538.1/10

-0.596+/-0.000 χ^2/NDF : 11330544.4/22

-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 : 702879.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.025+/-0.000 χ^2/NDF : 912342.6/11

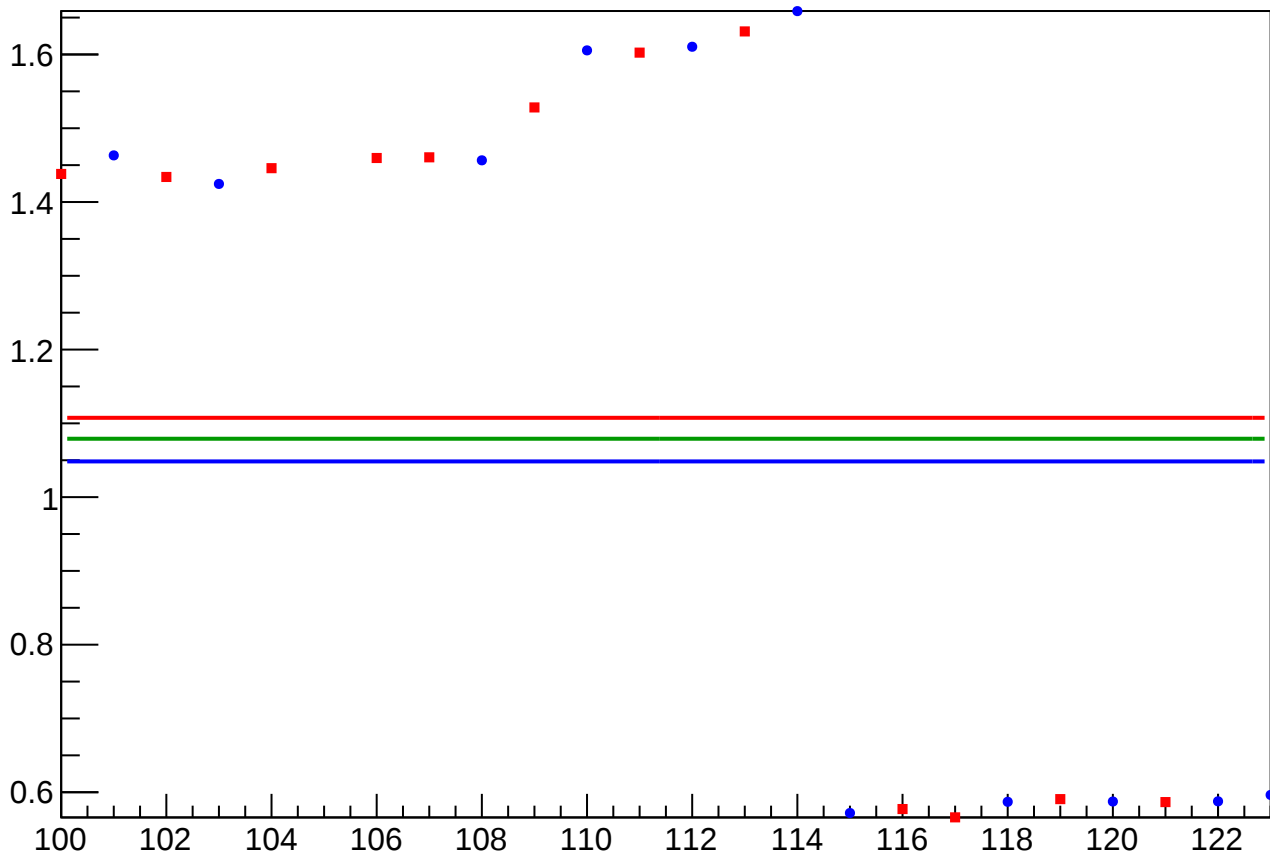
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.025+/-0.000 χ^2/NDF : 702879.4/10

0.025+/-0.000 χ^2/NDF : 1616920.7/22

0.025+/-0.000 χ^2/NDF : 912342.6/11

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 1.048+/-0.000 χ^2/NDF : 2243581919.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.108+/-0.000 χ^2/NDF : 2422709391.3/11

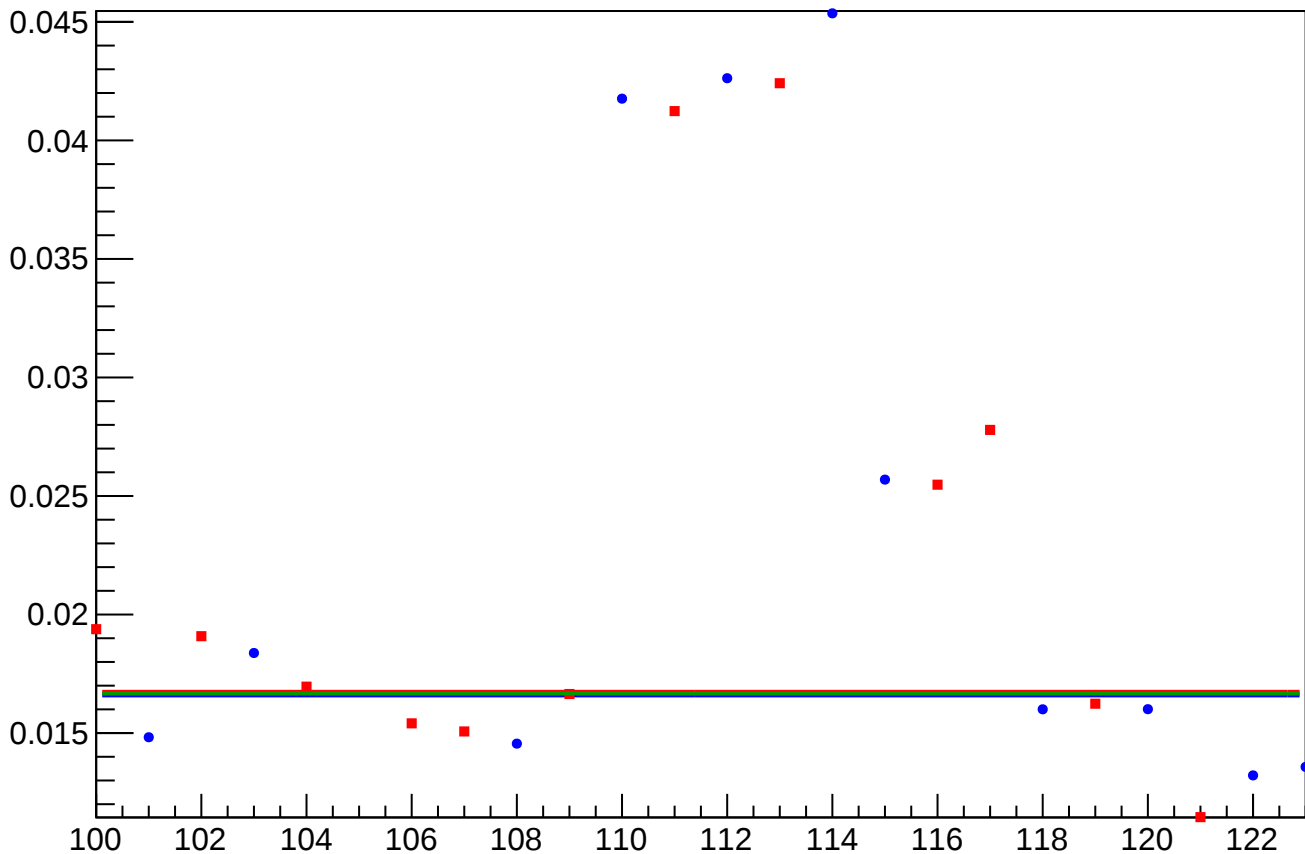
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.048+/-0.000 χ^2/NDF : 2243581919.6/10

1.079+/-0.000 χ^2/NDF : 4687468197.1/22

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 : 779574.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.000 χ^2/NDF : 860915.1/11

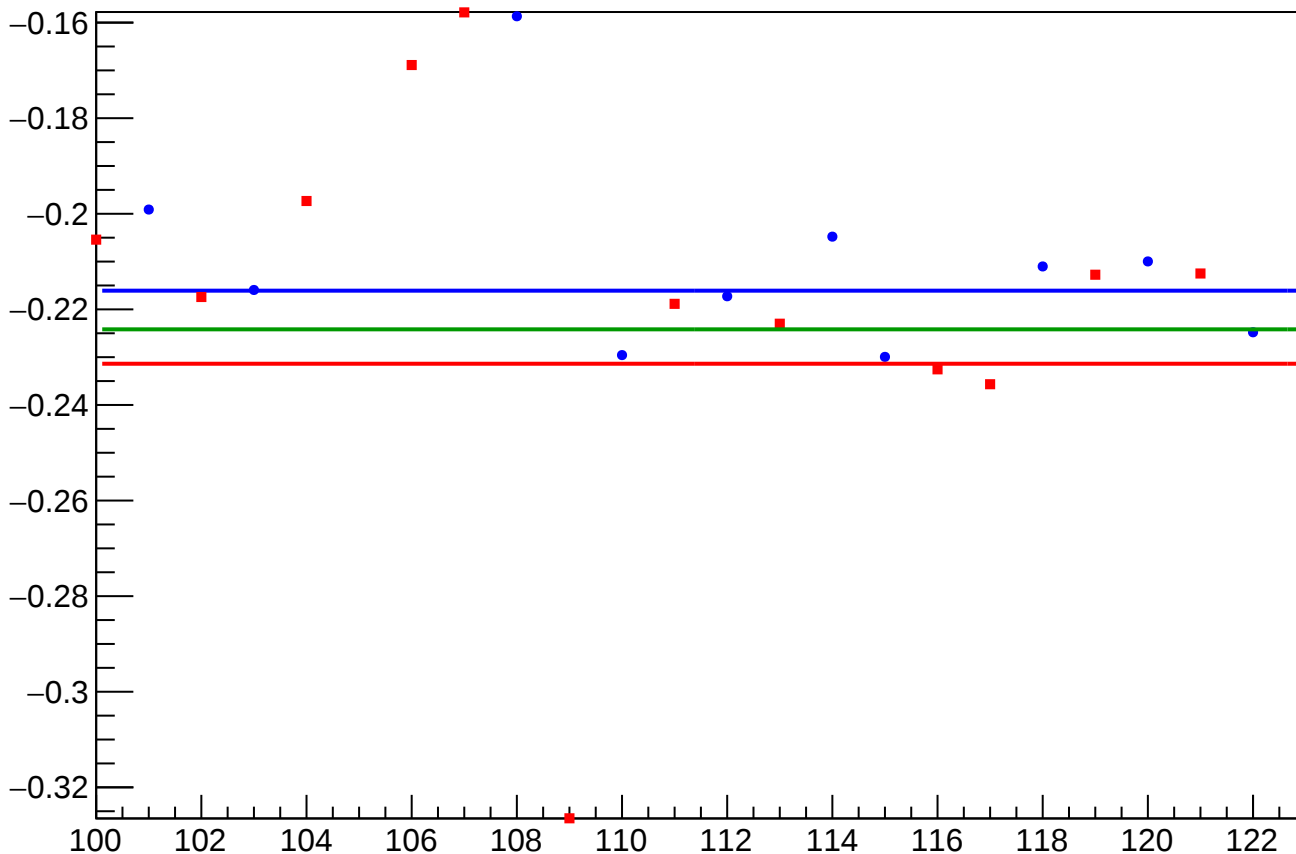
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.017+/-0.000 χ^2/NDF : 779574.8/10

0.017+/-0.000 χ^2/NDF : 1640766.4/22

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 : 1377765.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.231+/-0.000 χ^2/NDF : 11120298.2/11

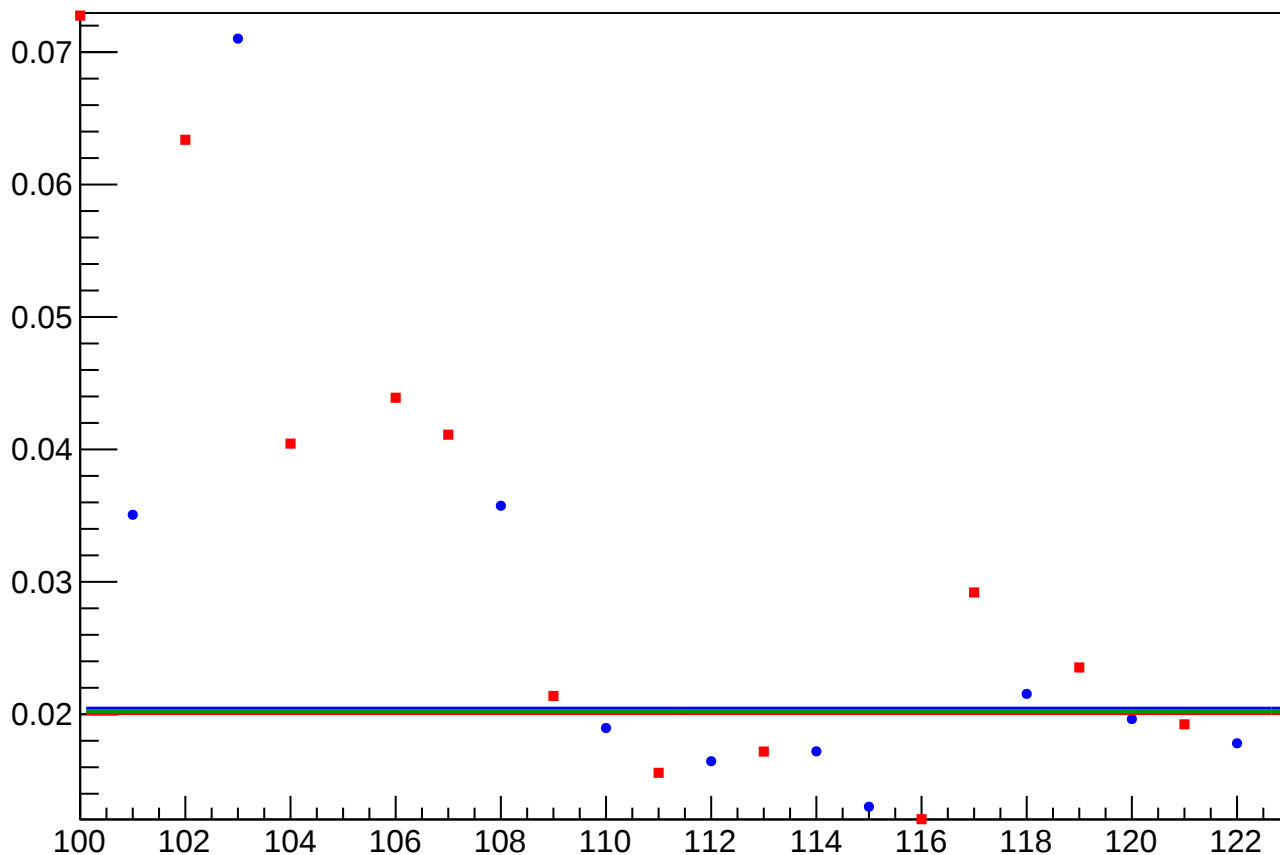
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.216+/-0.000 χ^2/NDF : 1377765.0/10

-0.224+/-0.000 χ^2/NDF : 13318469.6/22

-0.231+/-0.000 χ^2/NDF : 11120298.2/11

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1000734.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.000 χ^2/NDF : 1295402.1/11

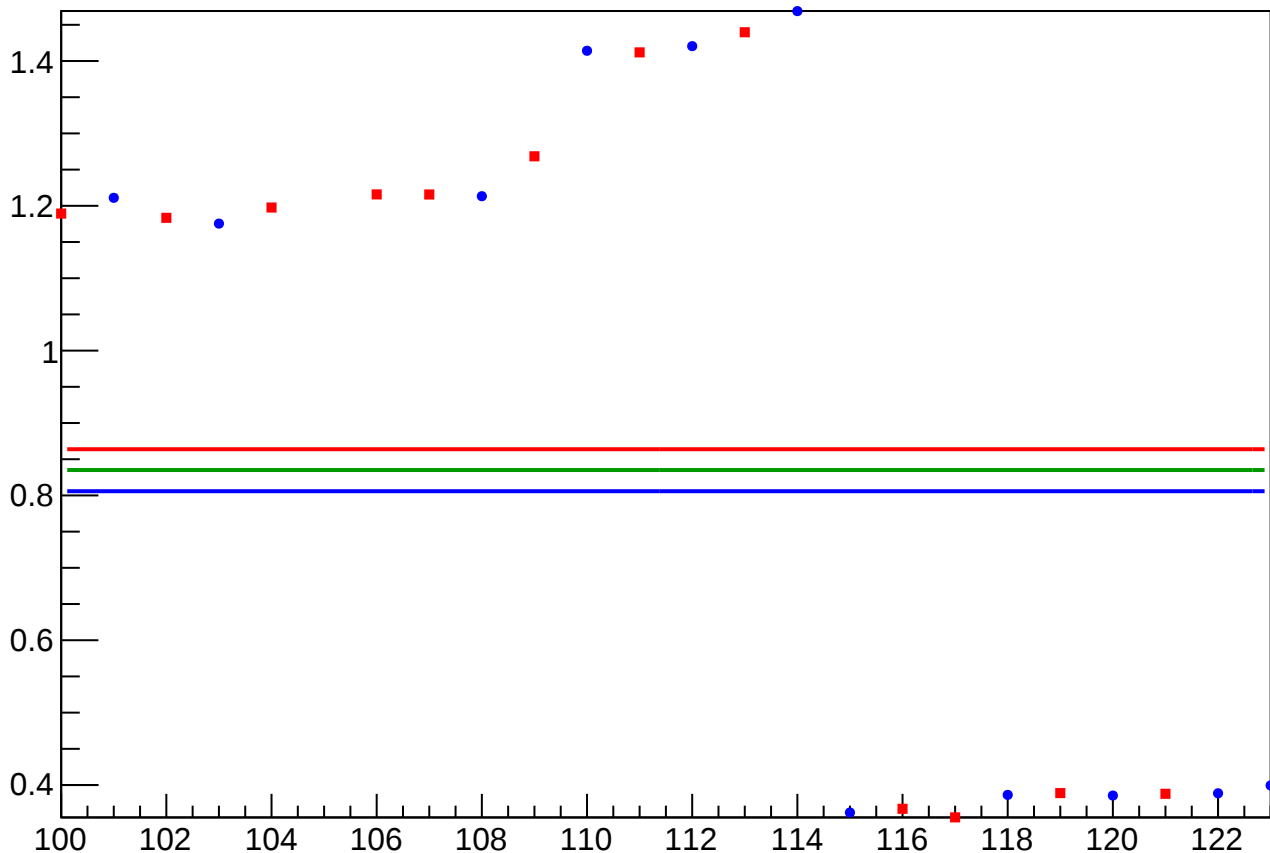
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.020+/-0.000 χ^2/NDF : 1000734.8/10

0.020+/-0.000 χ^2/NDF : 2296918.9/22

0.020+/-0.000 χ^2/NDF : 1295402.1/11

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.806+/-0.000 χ^2/NDF : 3083312891.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.864+/-0.000 χ^2/NDF : 3132154138.3/11

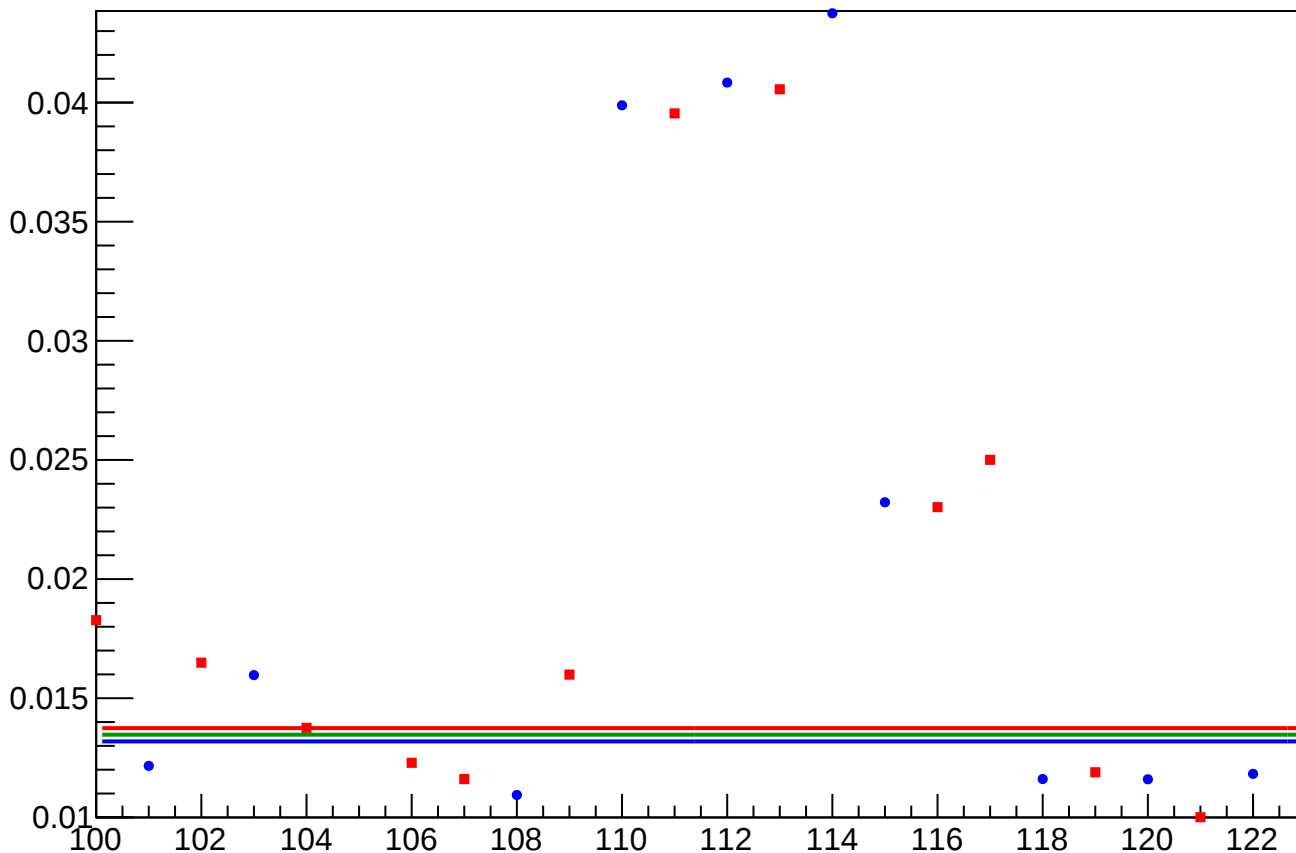
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.806+/-0.000 χ^2/NDF : 3083312891.1/10

0.835+/-0.000 χ^2/NDF : 6245681156.9/22

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 : 951082.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1018040.5/11

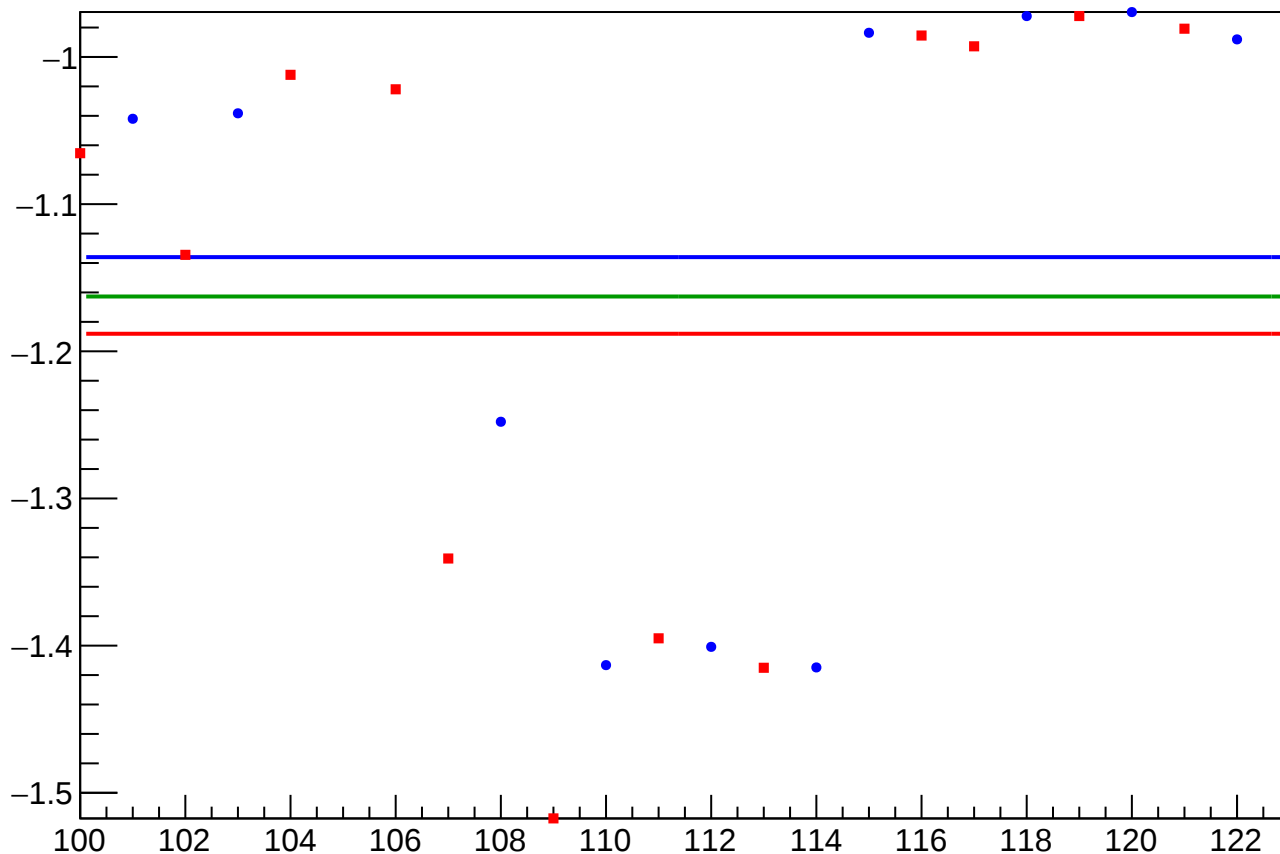
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 951082.6/10

0.013+/-0.000 χ^2/NDF : 1974732.4/22

0.014+/-0.000 χ^2/NDF : 1018040.5/11

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.136+/-0.000 χ^2/NDF : 186377484.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.188+/-0.000 χ^2/NDF : 250592875.1/11

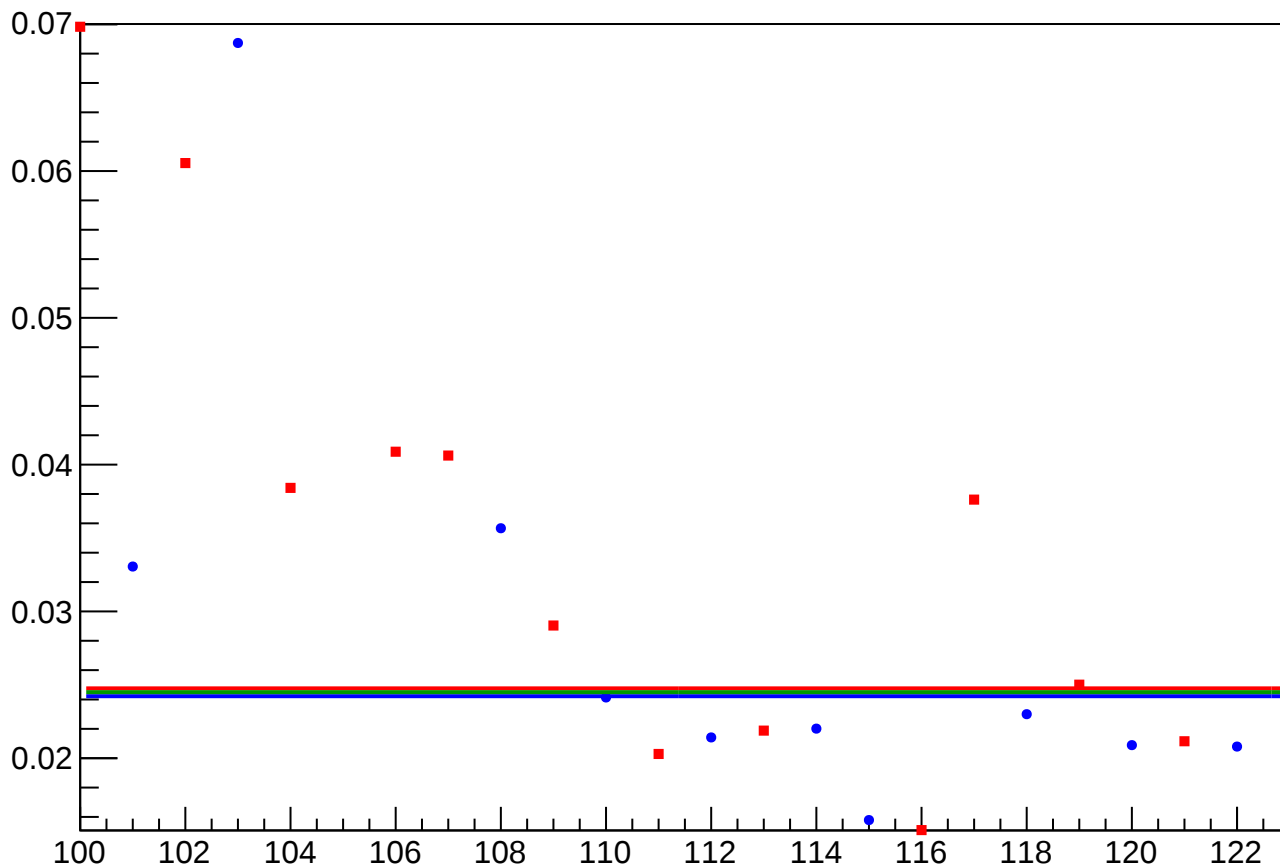
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.136+/-0.000 χ^2/NDF : 186377484.8/10

-1.163+/-0.000 χ^2/NDF : 443833477.2/22

-1.188+/-0.000 χ^2/NDF : 250592875.1/11

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.024+/-0.000 χ^2/NDF : 712478.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.025+/-0.000 χ^2/NDF : 905555.3/11

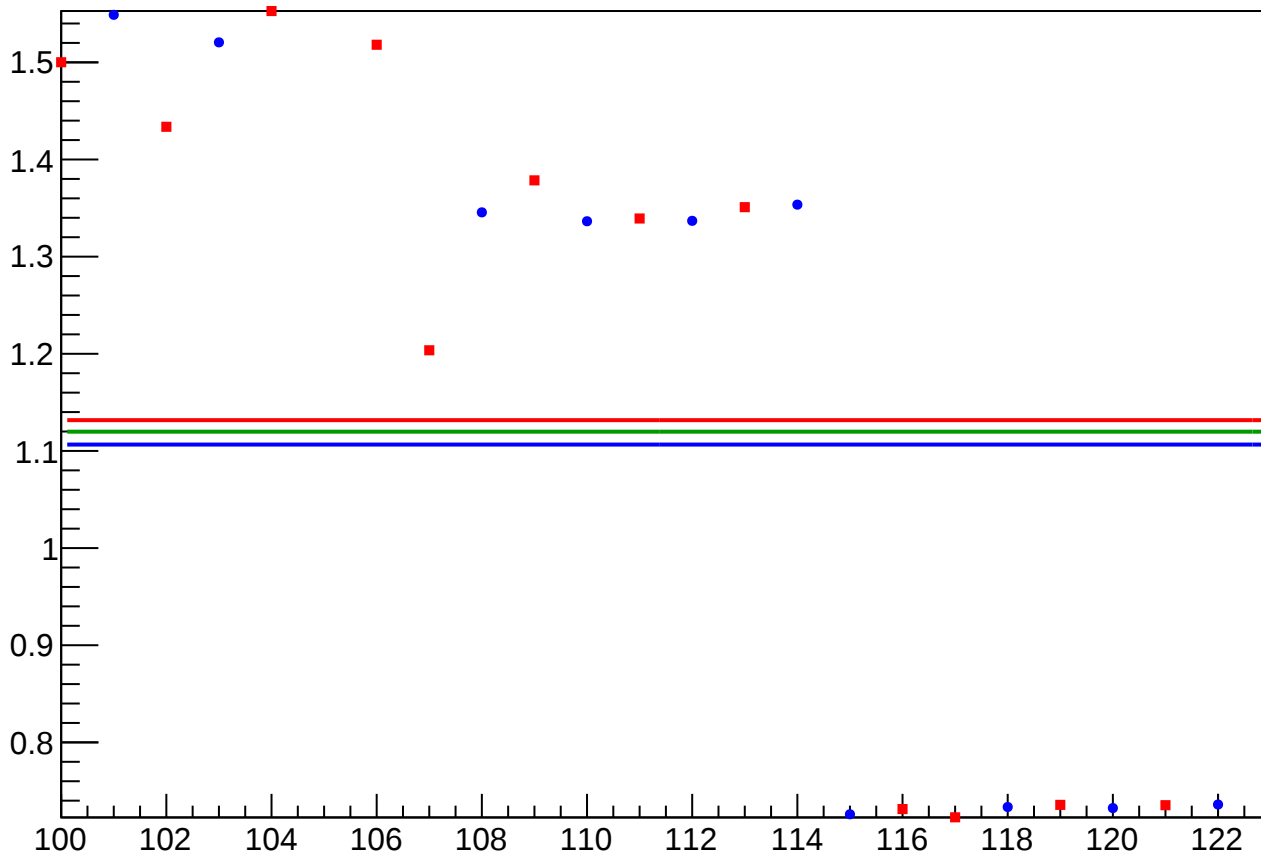
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.024+/-0.000 χ^2/NDF : 712478.2/10

0.024+/-0.000 χ^2/NDF : 1619473.2/22

0.025+/-0.000 χ^2/NDF : 905555.3/11

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.107 ± 0.000 χ^2/NDF : 1529669764.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.132 ± 0.000 χ^2/NDF : 1492917119.6/11

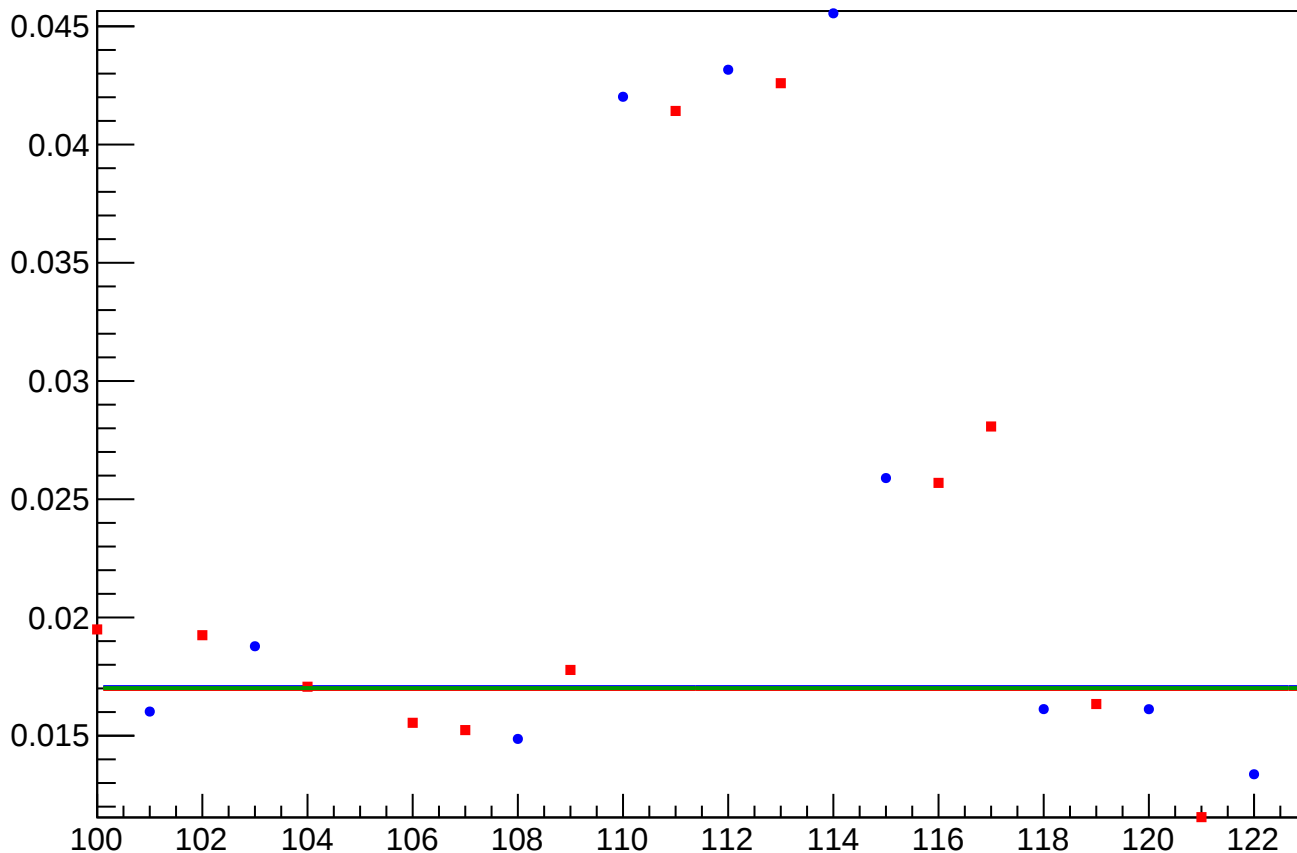
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1.107 ± 0.000 χ^2/NDF : 1529669764.3/10

1.120 ± 0.000 χ^2/NDF : 3026244764.7/22

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 : 763786.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.000 χ^2/NDF : 858378.6/11

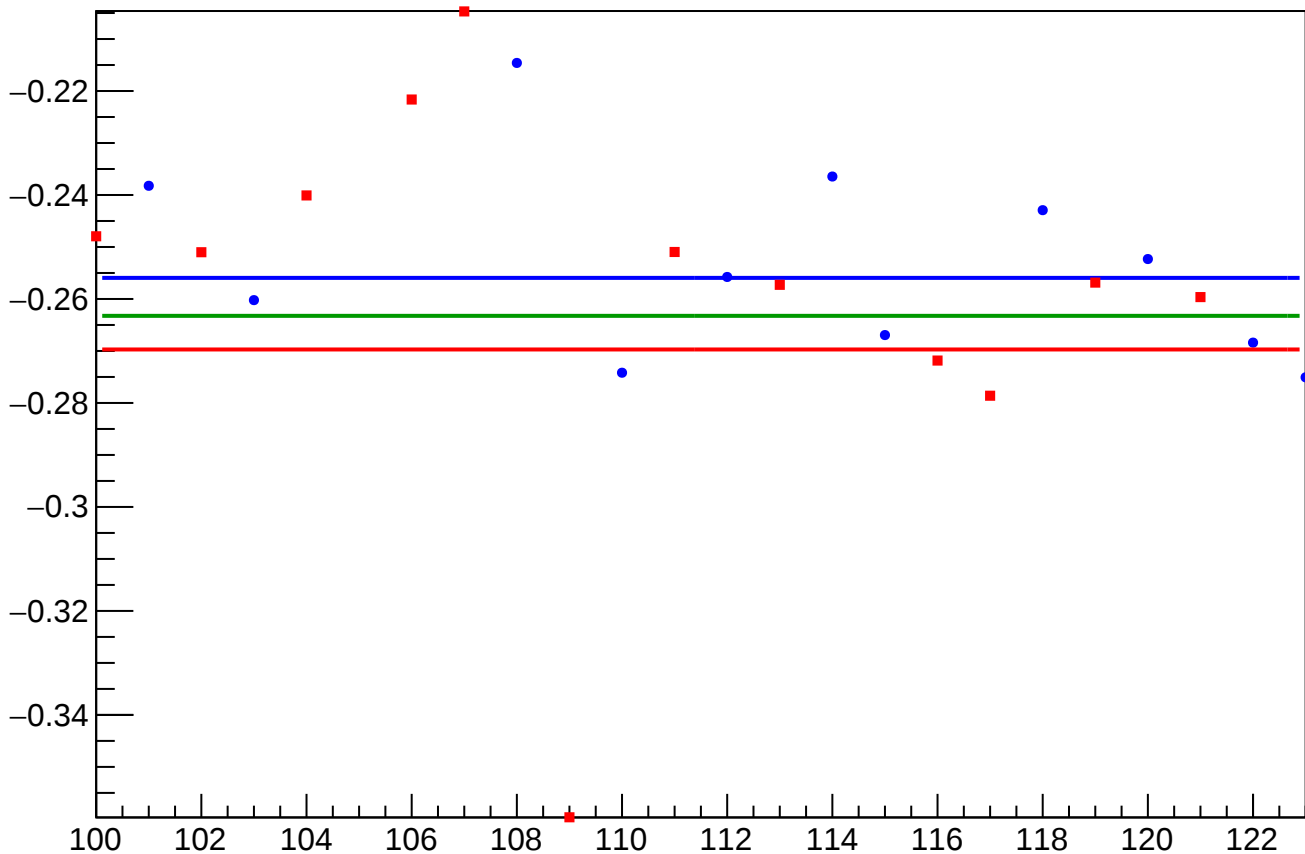
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.017+/-0.000 χ^2/NDF : 763786.3/10

0.017+/-0.000 χ^2/NDF : 1622238.4/22

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 : 1340268.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.270 ± 0.000 χ^2/NDF : 9722114.1/11

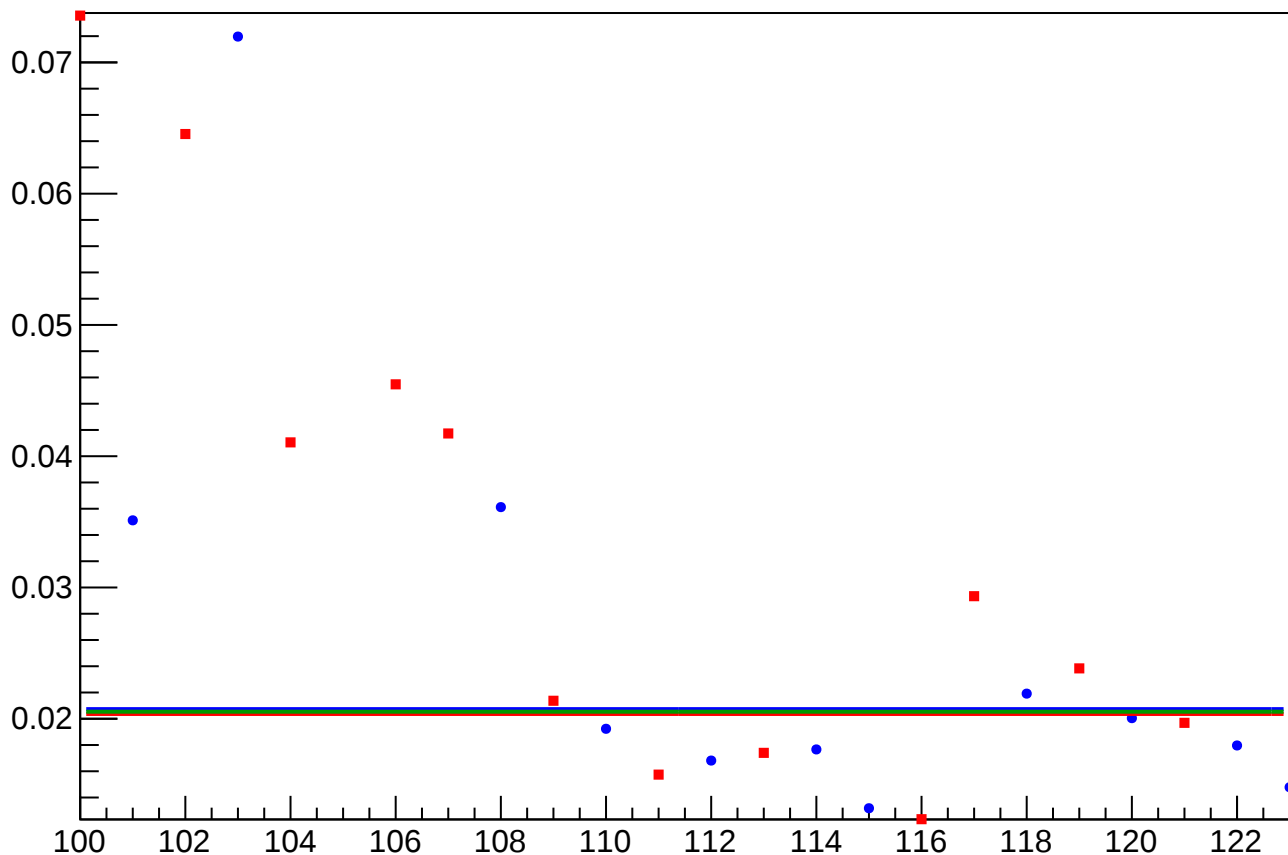
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.256 ± 0.000 χ^2/NDF : 1340268.3/10

-0.263 ± 0.000 χ^2/NDF : 11710021.7/22

-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 : 988293.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.000 χ^2/NDF : 1300520.0/11

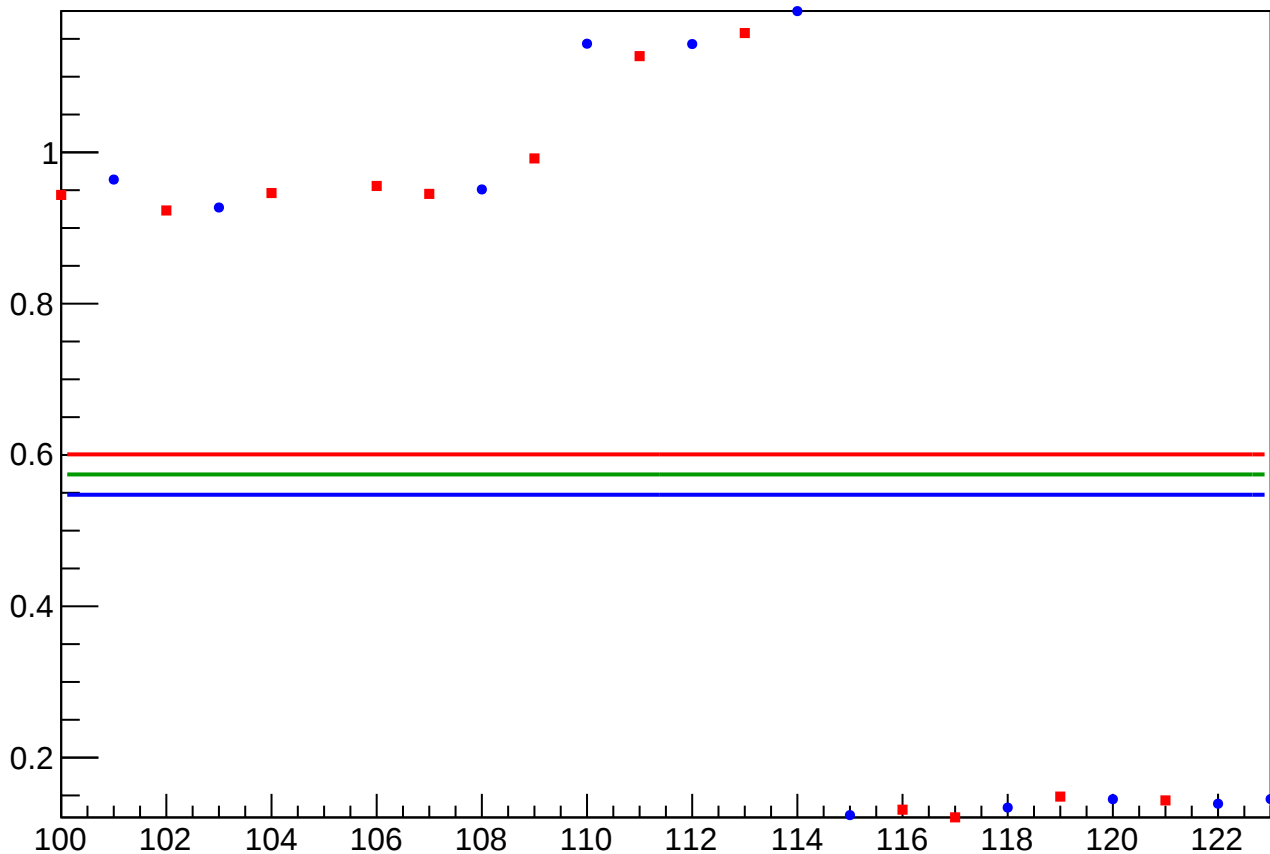
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.021+/-0.000 χ^2/NDF : 988293.1/10

0.021+/-0.000 χ^2/NDF : 2289743.4/22

0.020+/-0.000 χ^2/NDF : 1300520.0/11

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.547+/-0.000 χ^2/NDF : 3080696855.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.601+/-0.000 χ^2/NDF : 3007945379.3/11

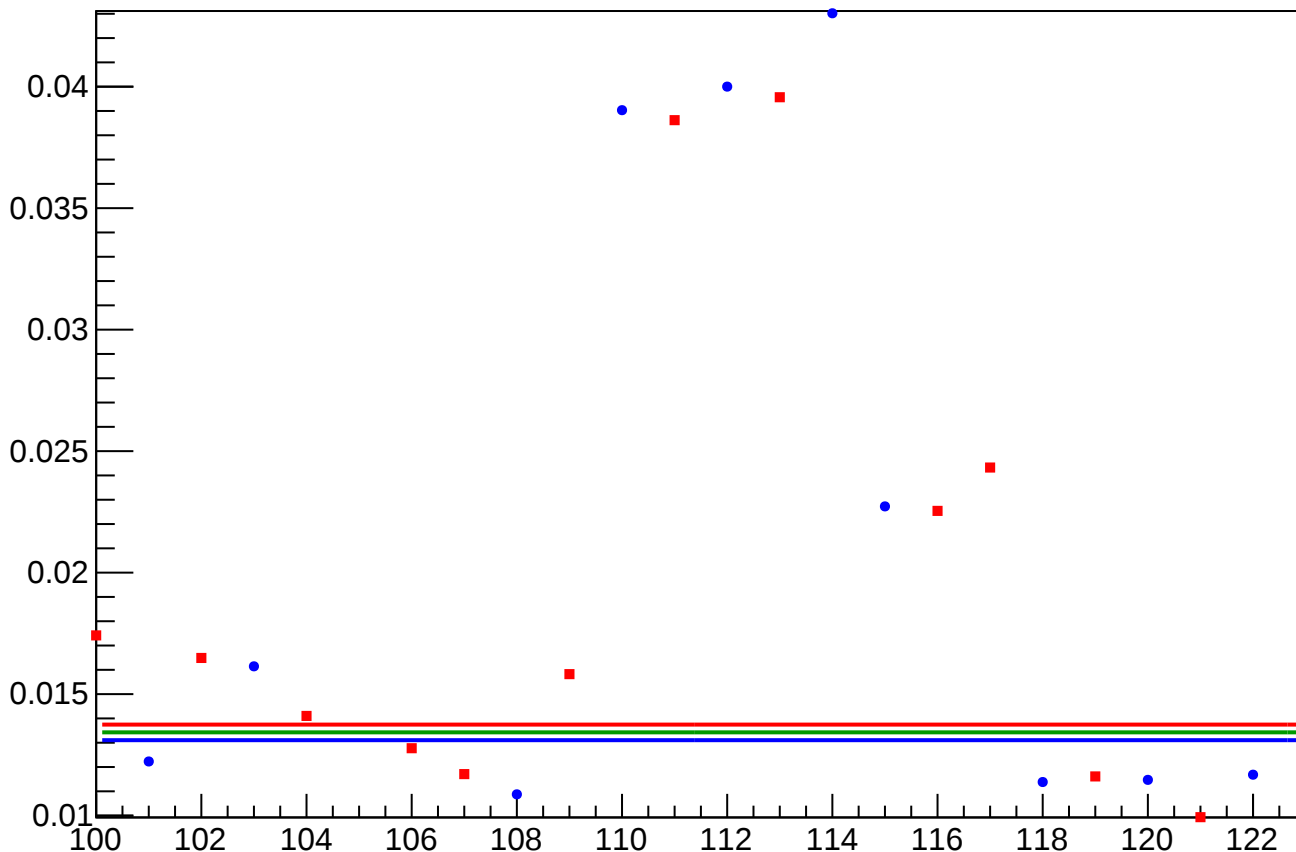
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.547+/-0.000 χ^2/NDF : 3080696855.7/10

0.574+/-0.000 χ^2/NDF : 6114420664.6/22

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 : 948652.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 998970.9/11

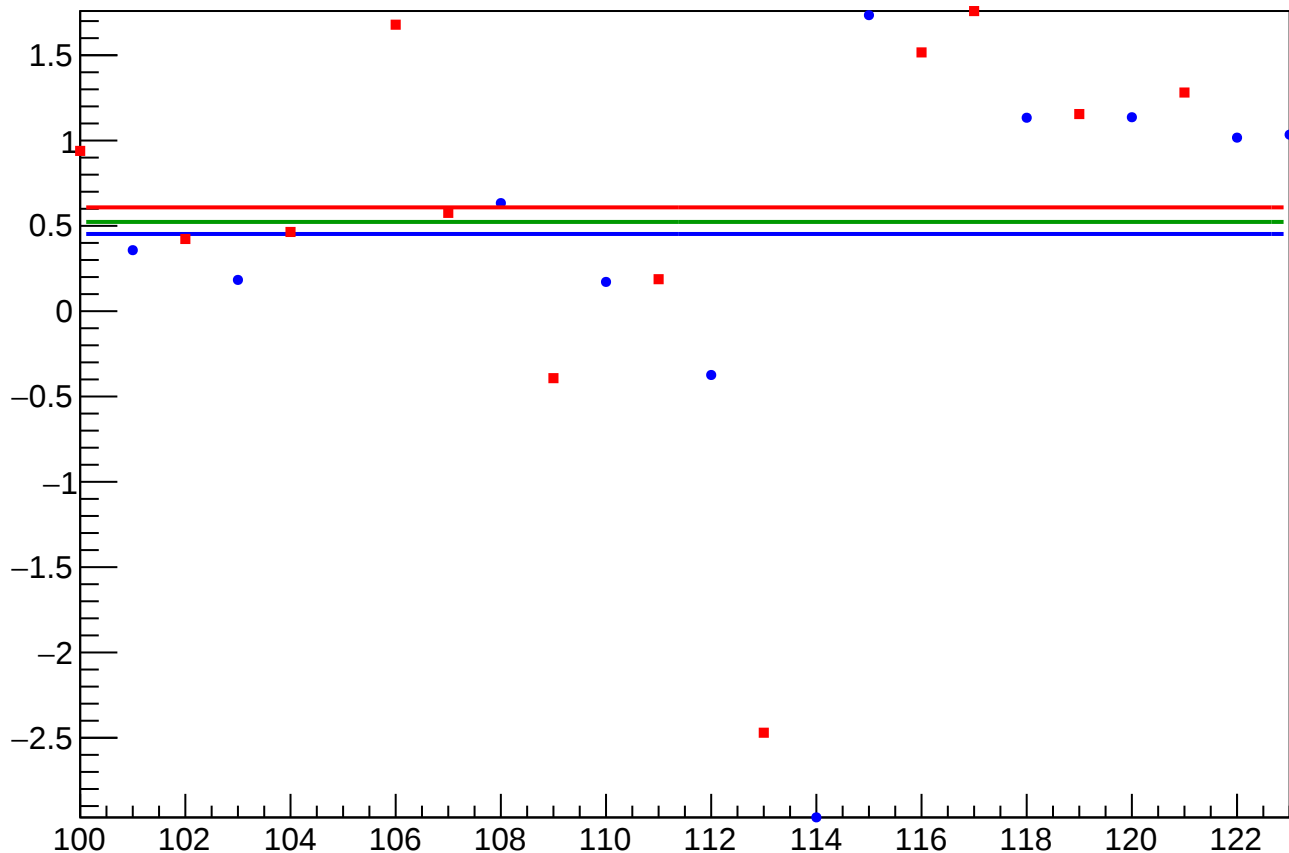
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 948652.2/10

0.013+/-0.000 χ^2/NDF : 1955079.8/22

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 : 207341257.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.608+/-0.000 χ^2/NDF : 875416843.5/11

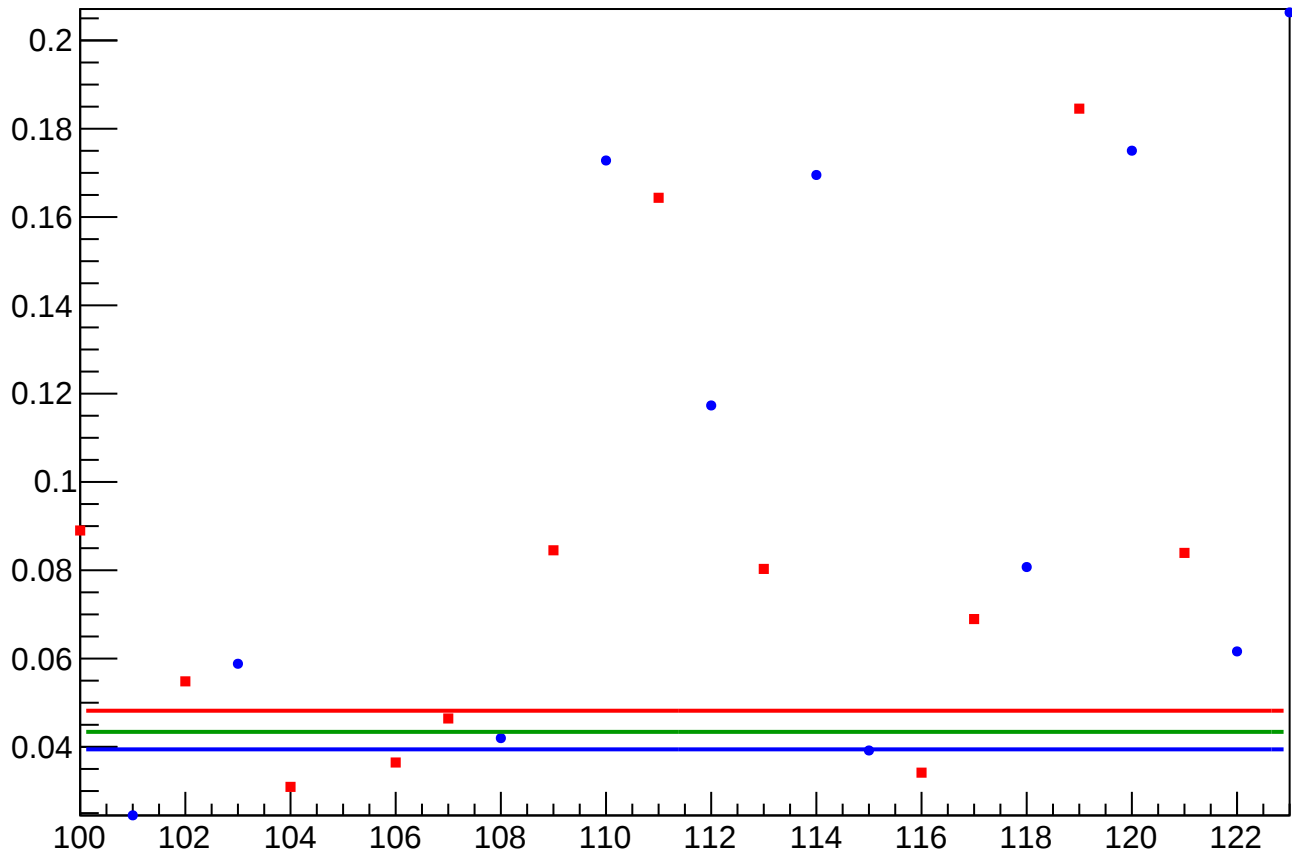
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.452+/-0.000 χ^2/NDF : 207341257.6/10

0.523+/-0.000 χ^2/NDF : 1097586263.8/22

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 : 1906012.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.048+/-0.000 χ^2/NDF : 1653883.7/11

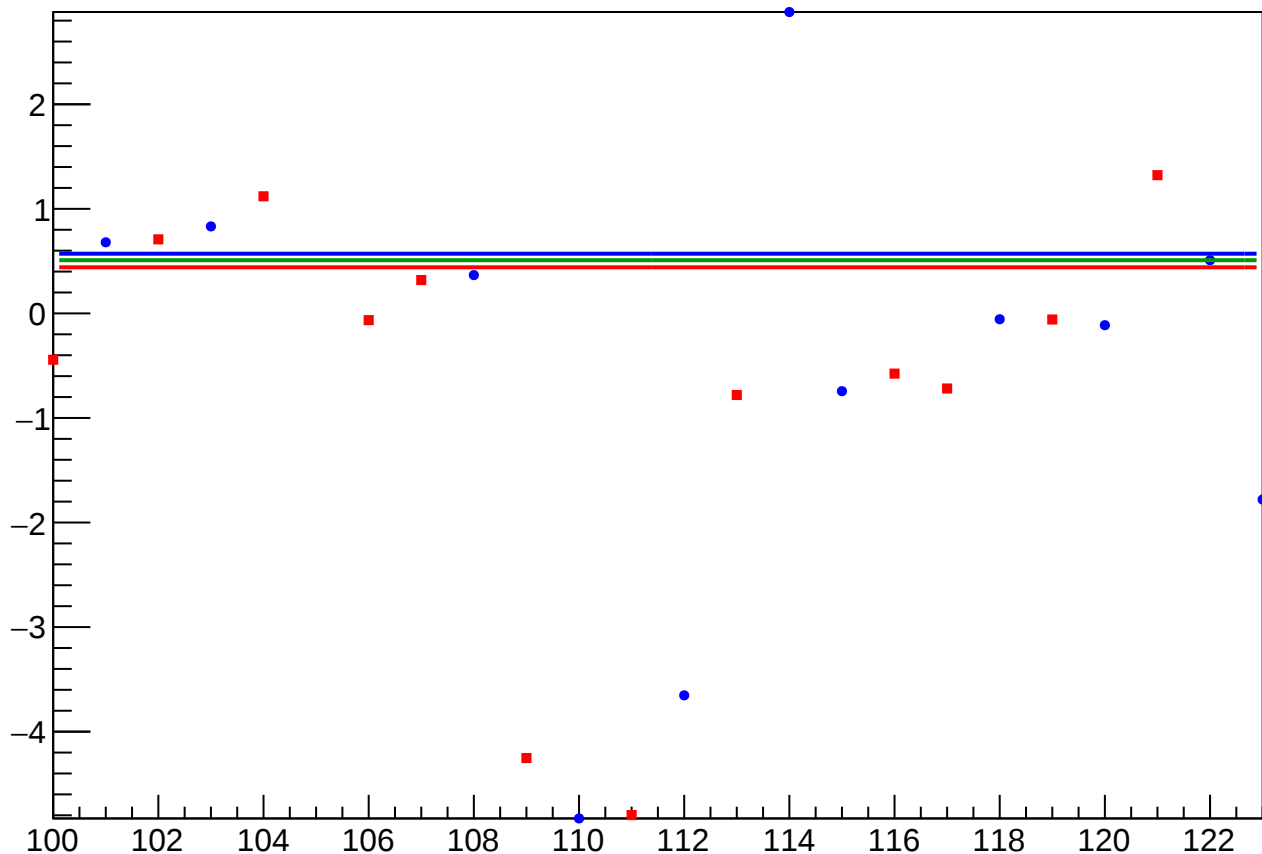
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.039+/-0.000 χ^2/NDF : 1906012.7/10

0.043+/-0.000 χ^2/NDF : 3653391.9/22

0.048+/-0.000 χ^2/NDF : 1653883.7/11

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.571+/-0.000 χ^2/NDF : 1609491800.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.441+/-0.000 χ^2/NDF : 3676859375.7/11

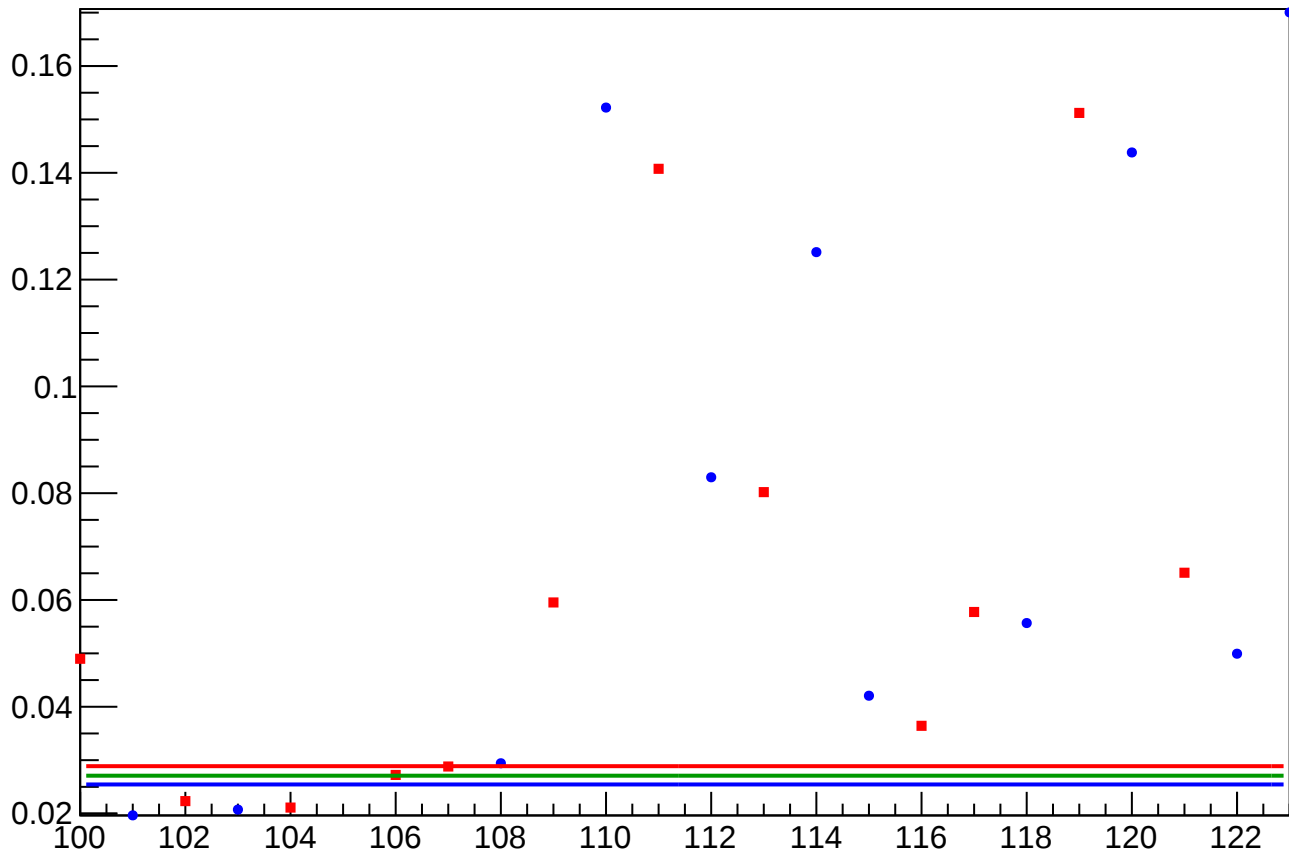
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.571+/-0.000 χ^2/NDF : 1609491800.0/10

0.509+/-0.000 χ^2/NDF : 5312778965.6/22

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 : 1764801.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.029+/-0.000 χ^2/NDF : 2072228.7/11

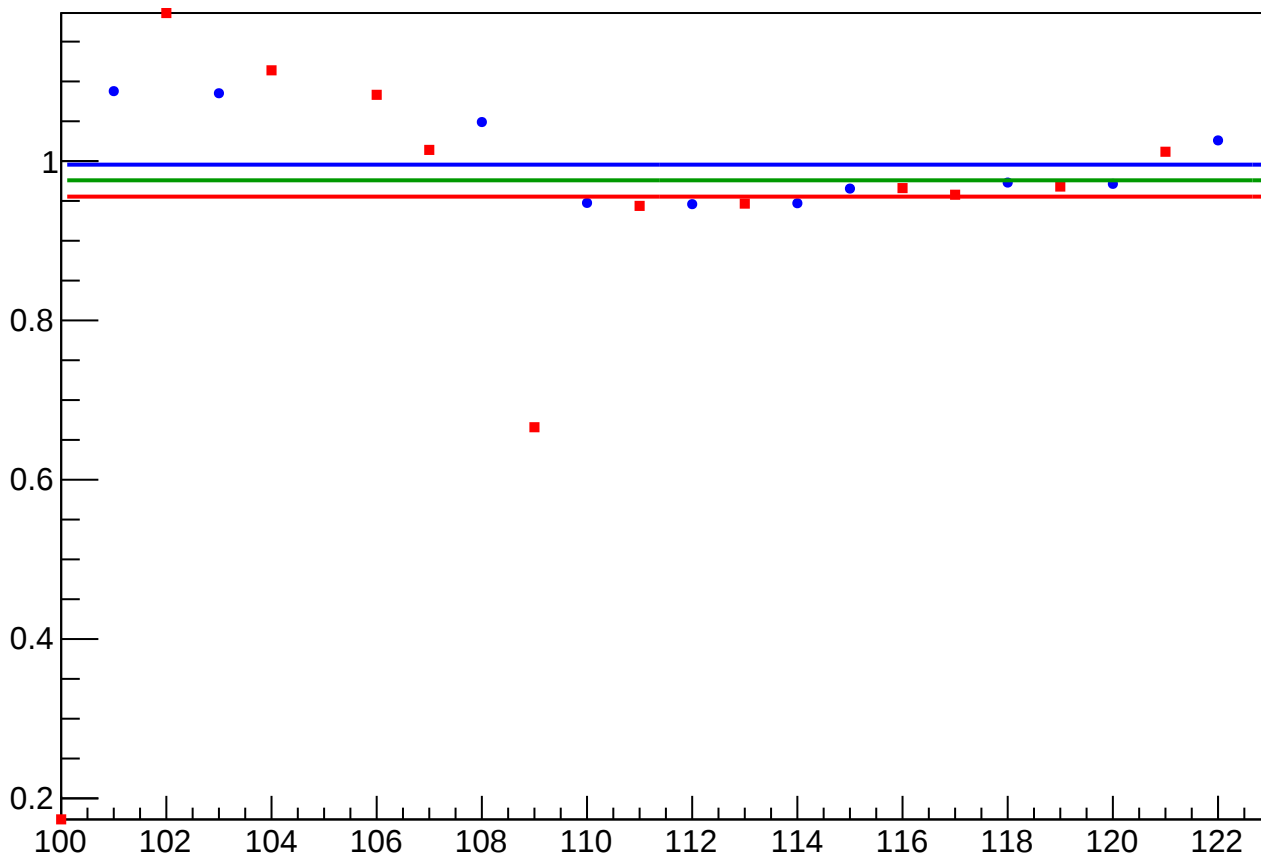
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.025+/-0.000 χ^2/NDF : 1764801.1/10

0.027+/-0.000 χ^2/NDF : 3873665.3/22

0.029+/-0.000 χ^2/NDF : 2072228.7/11

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.996+/-0.000 χ^2/NDF : 43243116.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.955+/-0.000 χ^2/NDF : 265133072.7/11

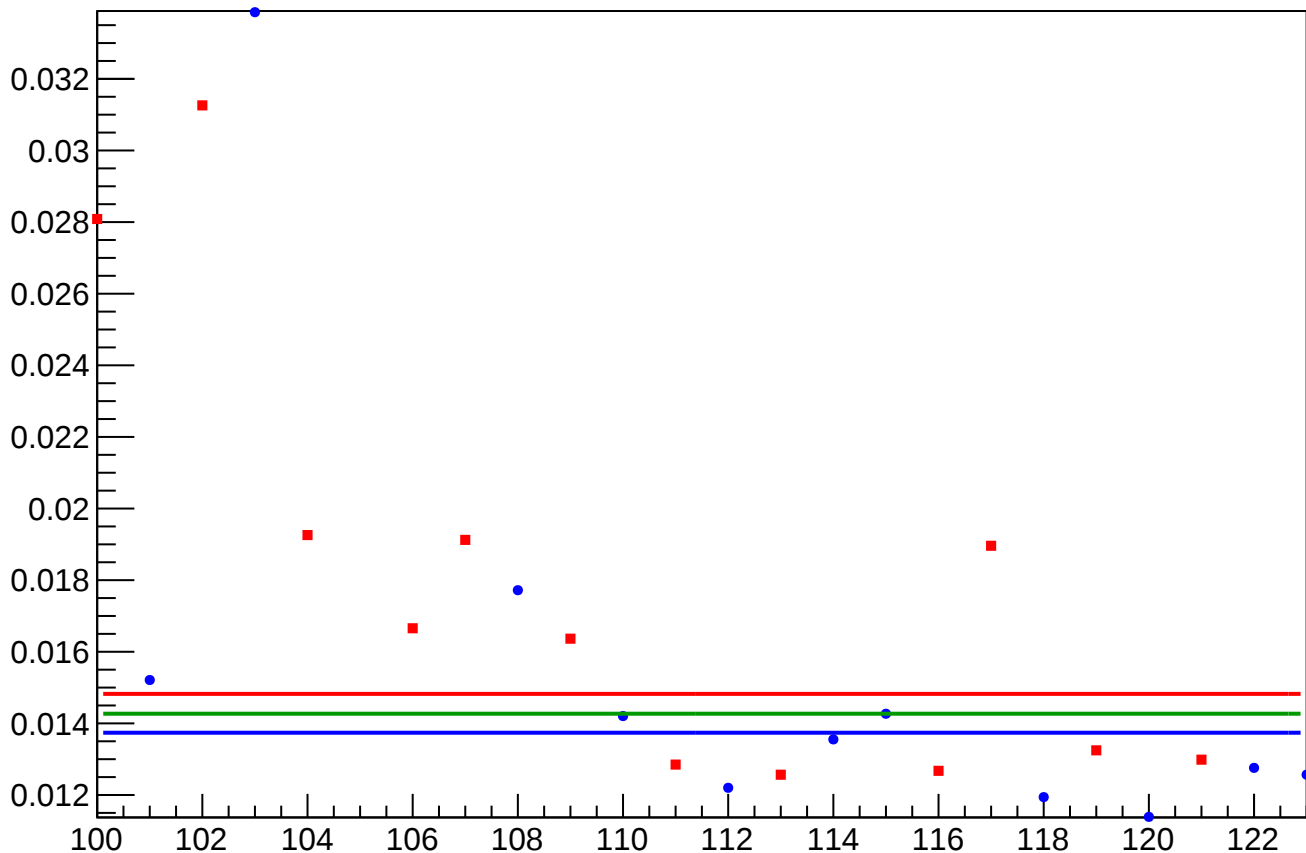
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.996+/-0.000 χ^2/NDF : 43243116.8/10

0.976+/-0.000 χ^2/NDF : 321650562.5/22

0.955+/-0.000 χ^2/NDF : 265133072.7/11

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 471102.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 468597.7/11

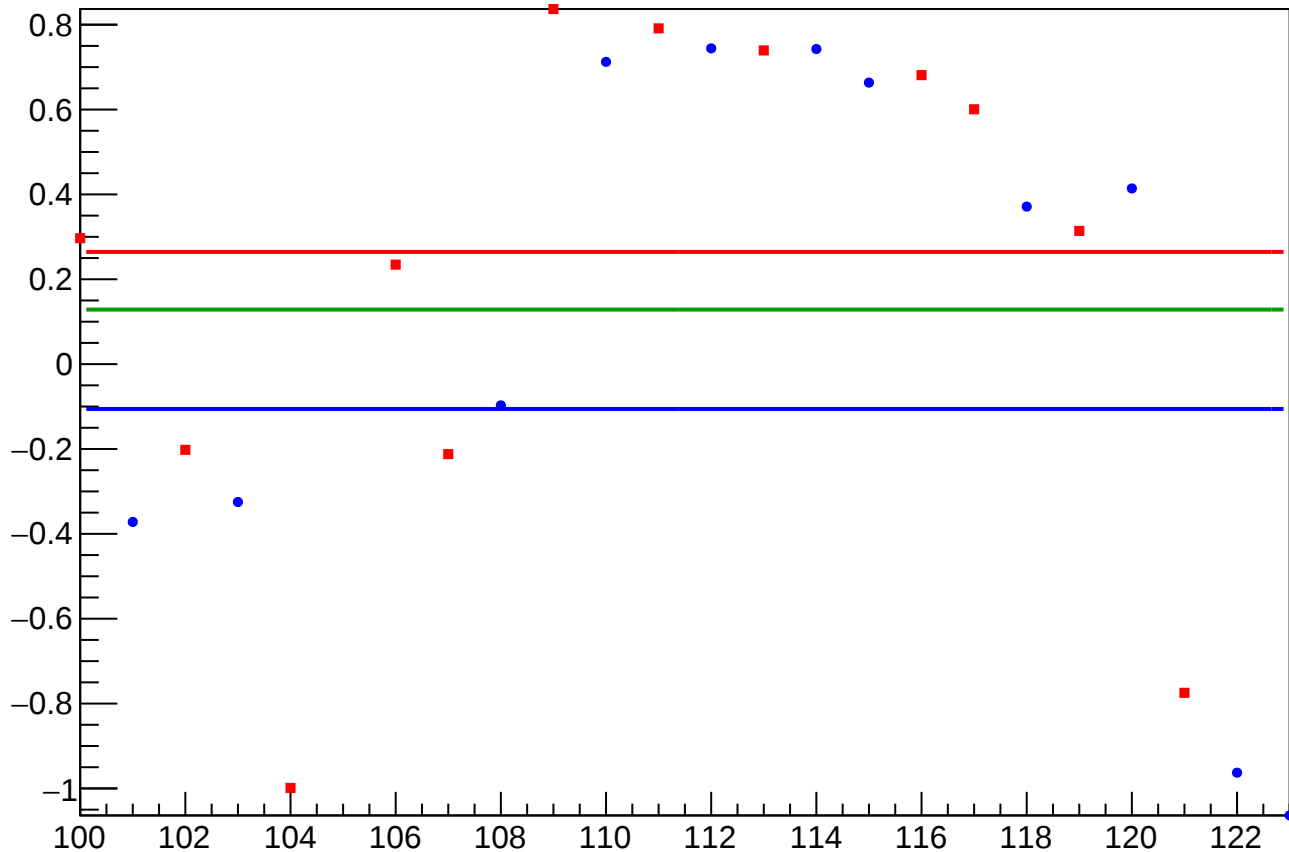
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 471102.0/10

0.014+/-0.000 χ^2/NDF : 959109.7/22

0.015+/-0.000 χ^2/NDF : 468597.7/11

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.106+/-0.000 χ^2/NDF : 3539111649.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.265+/-0.000 χ^2/NDF : 7948592678.4/11

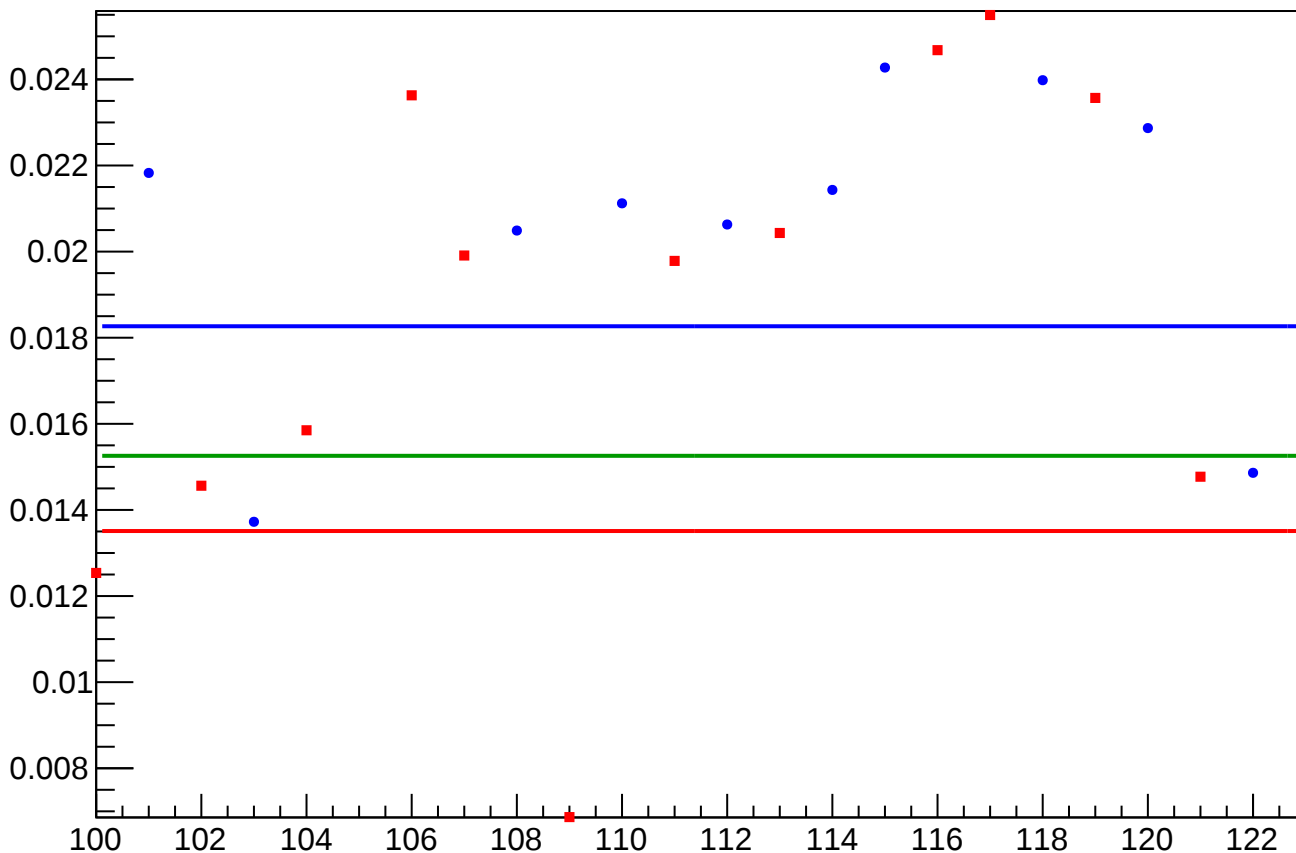
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.106+/-0.000 χ^2/NDF : 3539111649.5/10

0.129+/-0.000 χ^2/NDF : 12361733781.9/2

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 : 317922.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1261954.4/11

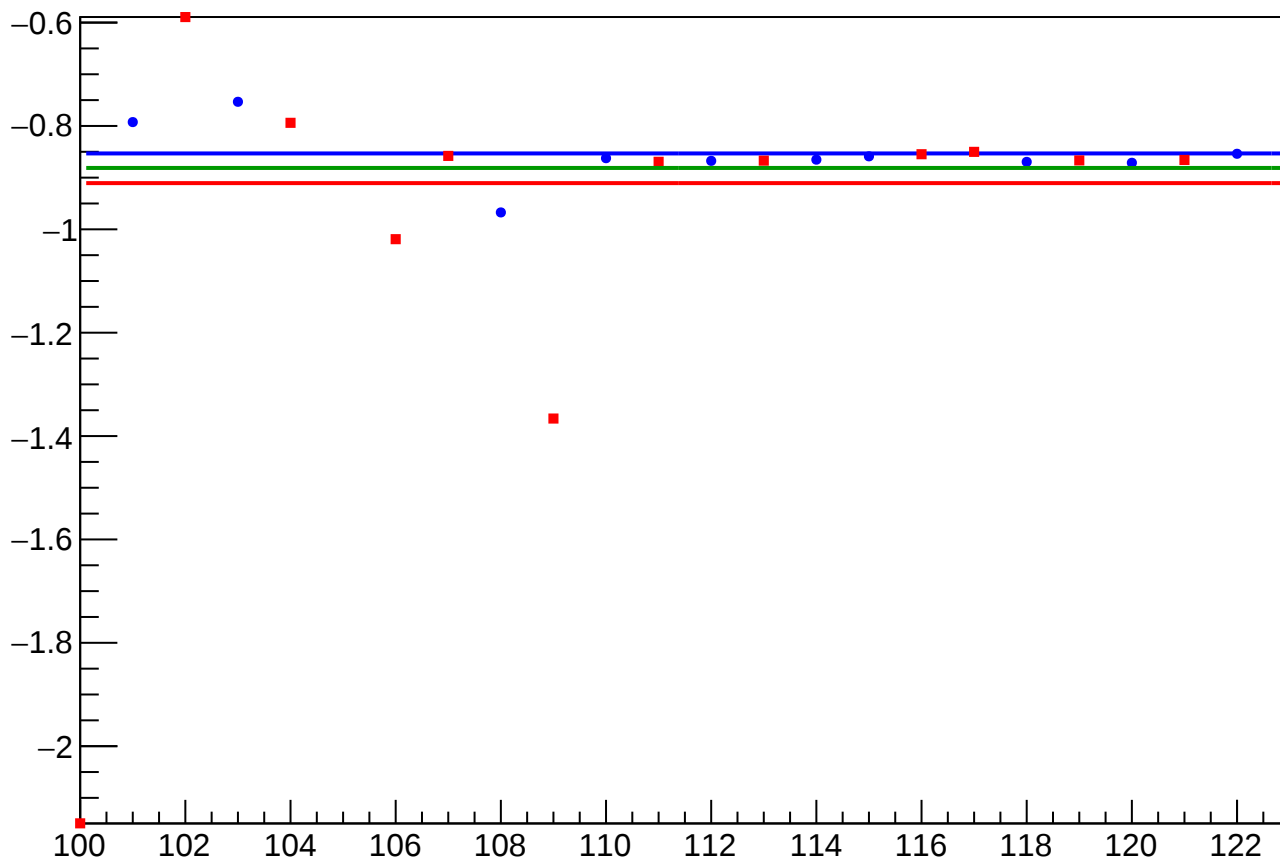
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.018+/-0.000 χ^2/NDF : 317922.9/10

0.015+/-0.000 χ^2/NDF : 1868489.0/22

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 : 6250449.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.911+/-0.000 χ^2/NDF : 109069237.3/11

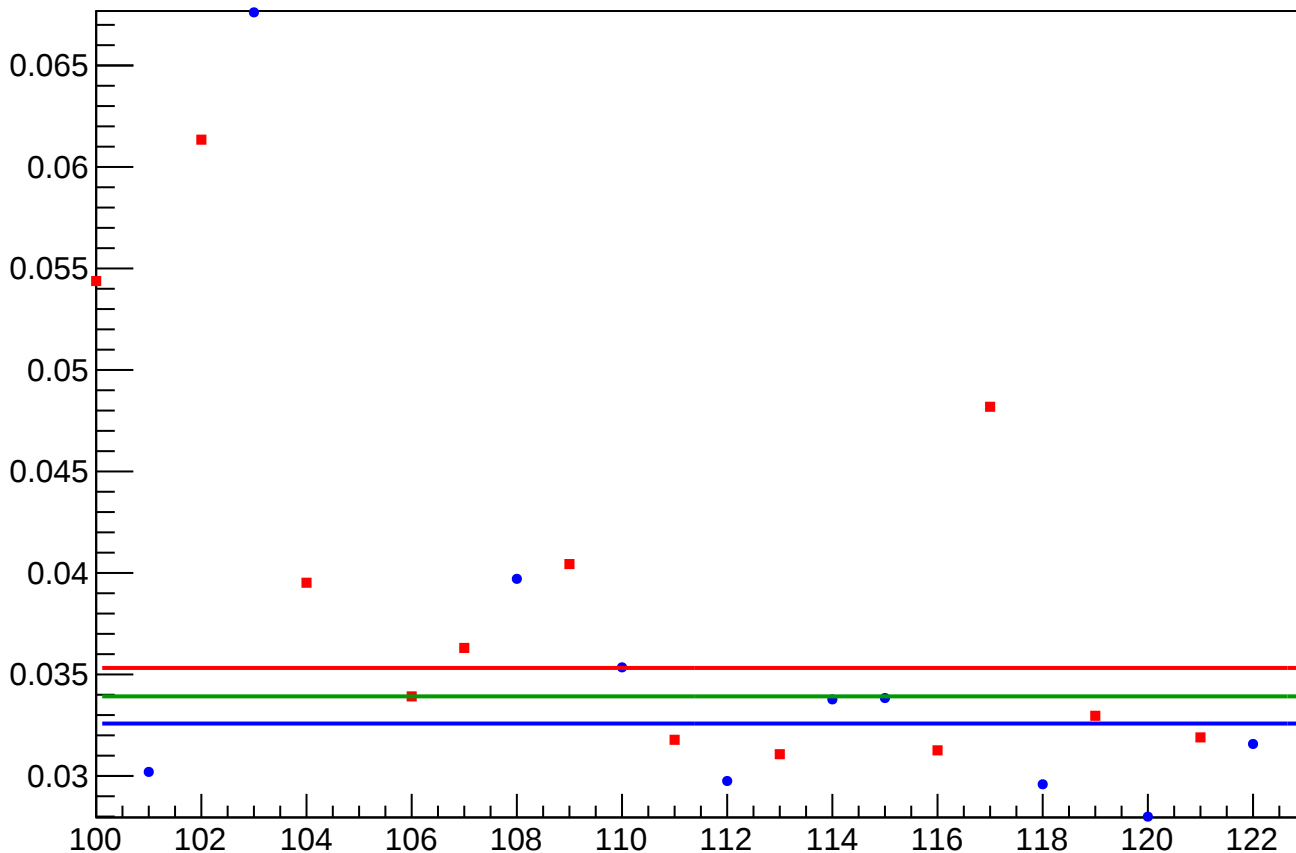
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.853+/-0.000 χ^2/NDF : 6250449.5/10

-0.881+/-0.000 χ^2/NDF : 120215509.4/22

-0.911+/-0.000 χ^2/NDF : 109069237.3/11

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.033+/-0.000 χ^2/NDF : 336936.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.035+/-0.000 χ^2/NDF : 261691.0/11

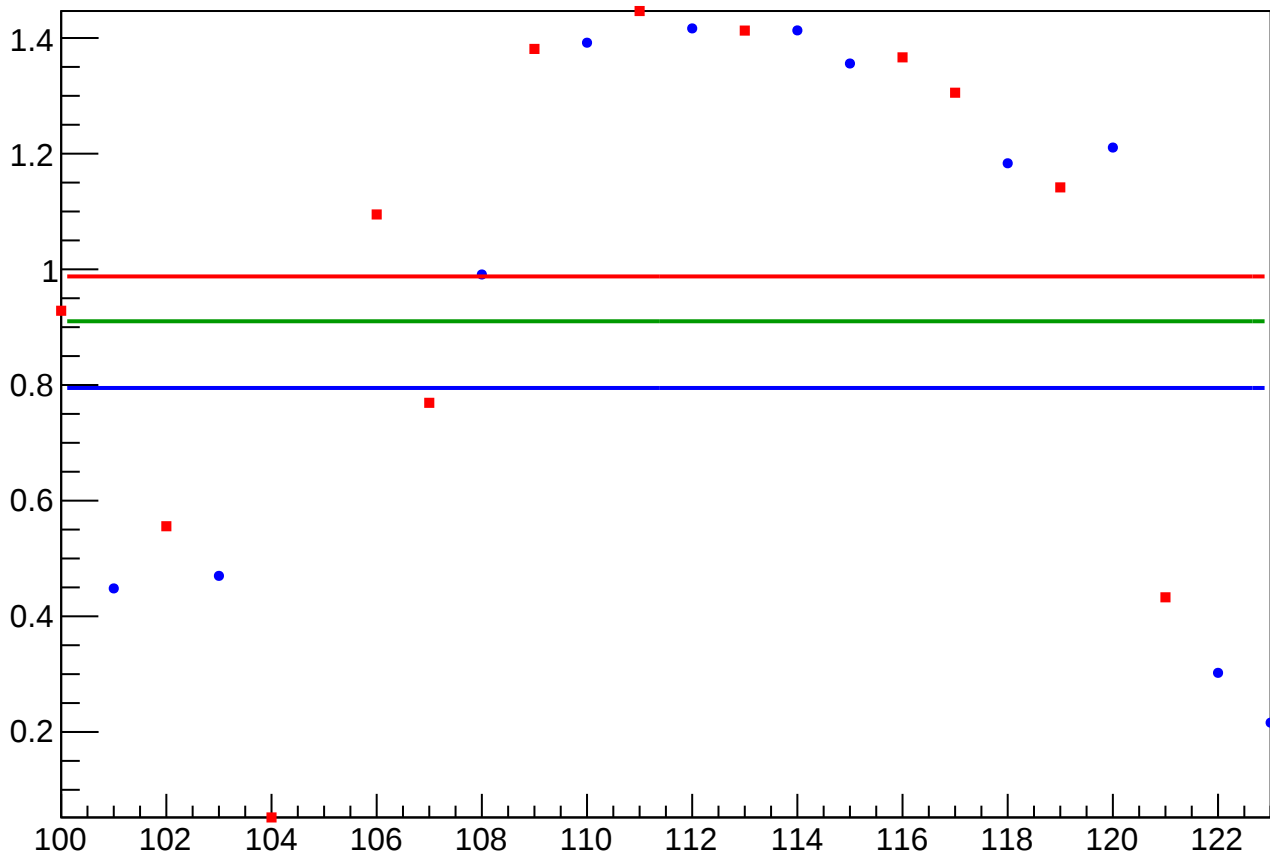
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.033+/-0.000 χ^2/NDF : 336936.0/10

0.034+/-0.000 χ^2/NDF : 620898.3/22

0.035+/-0.000 χ^2/NDF : 261691.0/11

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.795+/-0.000 χ^2/NDF : 4323255066.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.988+/-0.000 χ^2/NDF : 7179451973.2/11

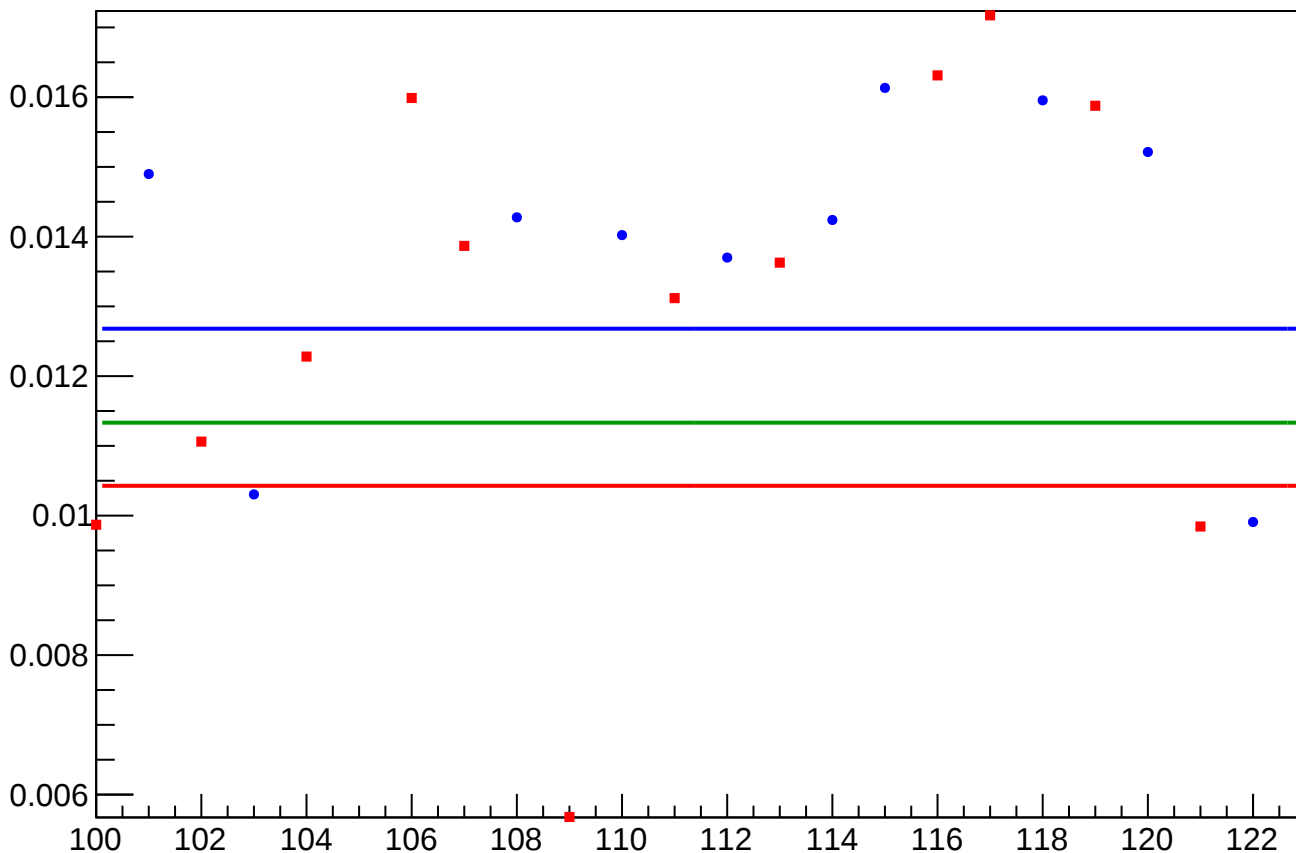
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.795+/-0.000 χ^2/NDF : 4323255066.5/10

0.910+/-0.000 χ^2/NDF : 11971058314.6/2

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 : 234521.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 842538.4/11

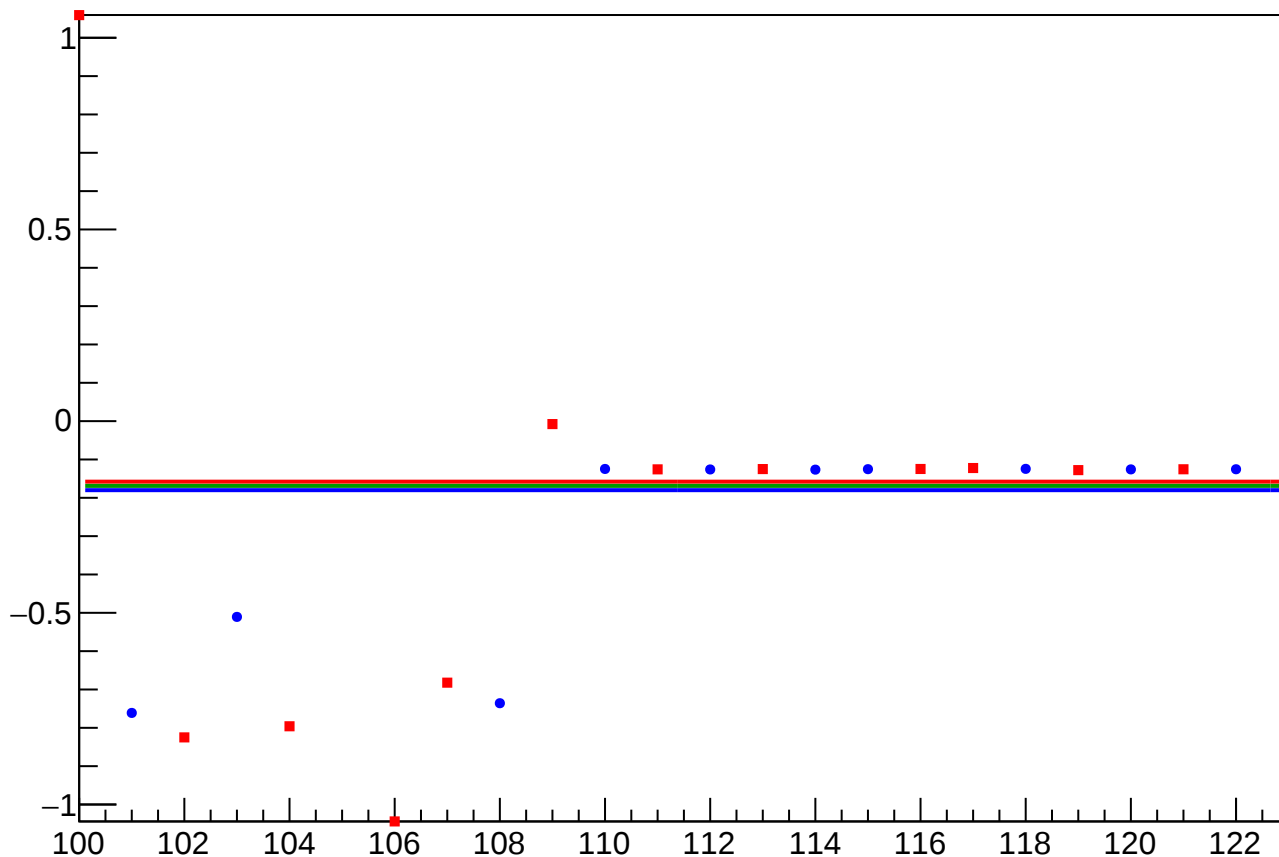
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 234521.4/10

0.011+/-0.000 χ^2/NDF : 1204837.2/22

0.010+/-0.000 χ^2/NDF : 842538.4/11

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.180+/-0.000 χ^2/NDF : 352211045.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.158+/-0.000 χ^2/NDF : 419478385.8/11

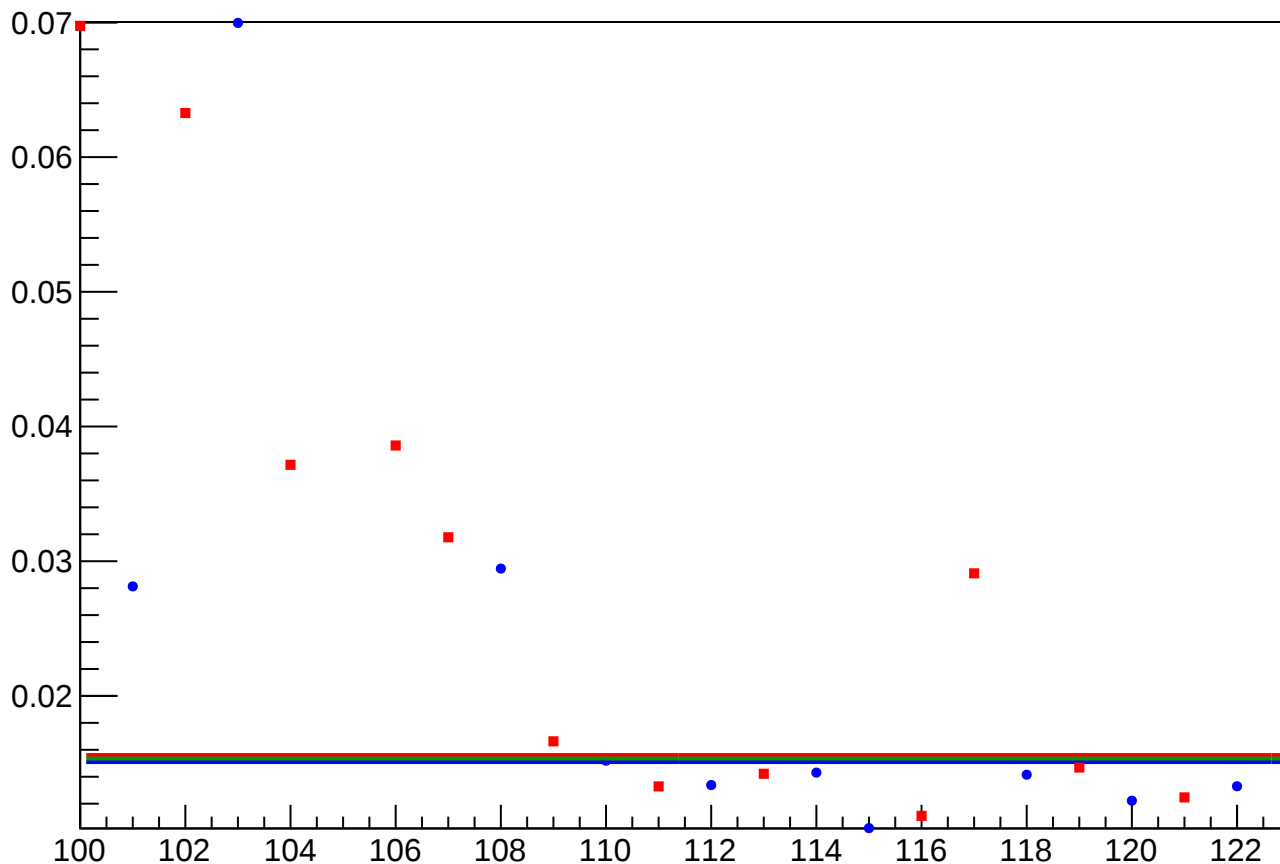
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.180+/-0.000 χ^2/NDF : 352211045.2/10

-0.169+/-0.000 χ^2/NDF : 774571469.8/22

-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 : 1118240.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 1330590.7/11

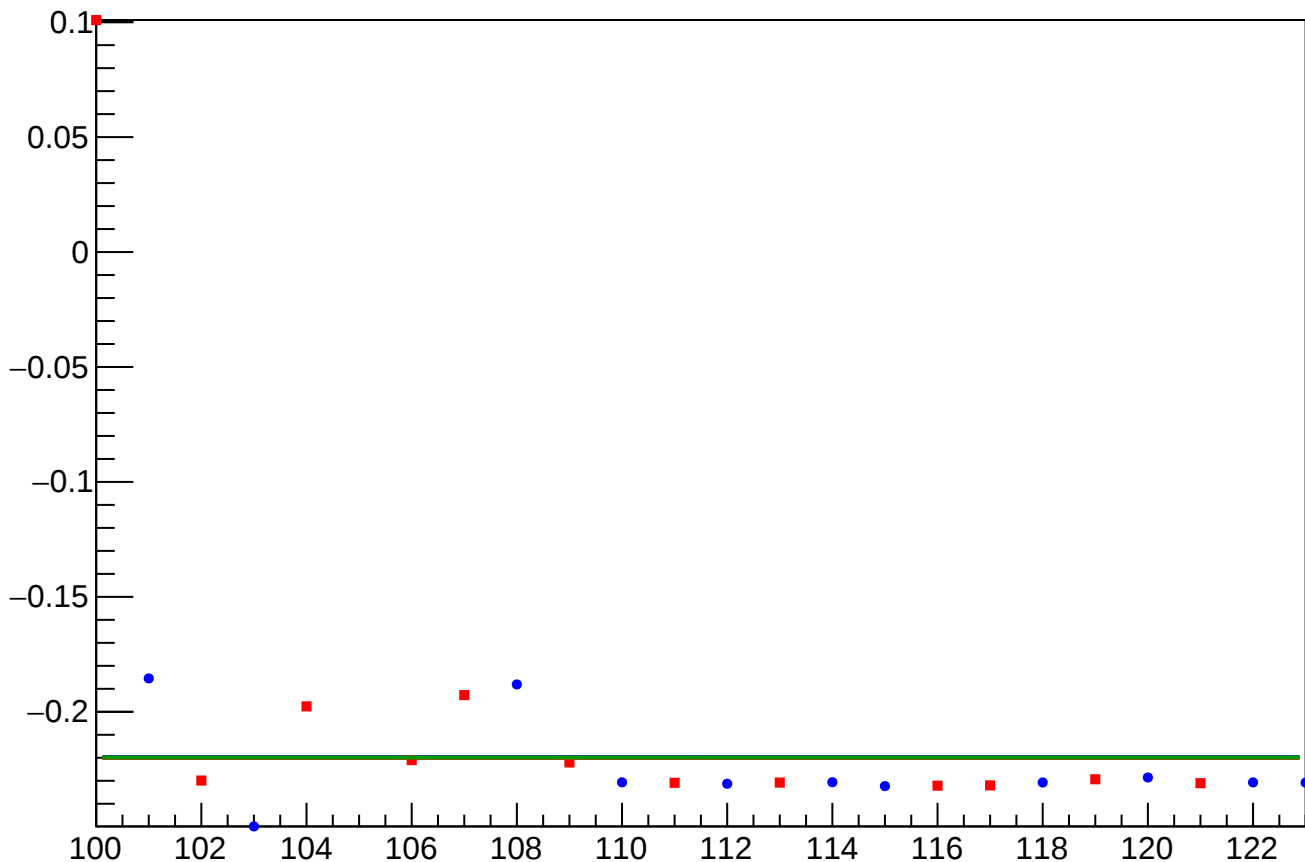
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 1118240.0/10

0.015+/-0.000 χ^2/NDF : 2451952.8/22

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 : 68135109.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.220+/-0.000 χ^2/NDF : 162614920.4/11

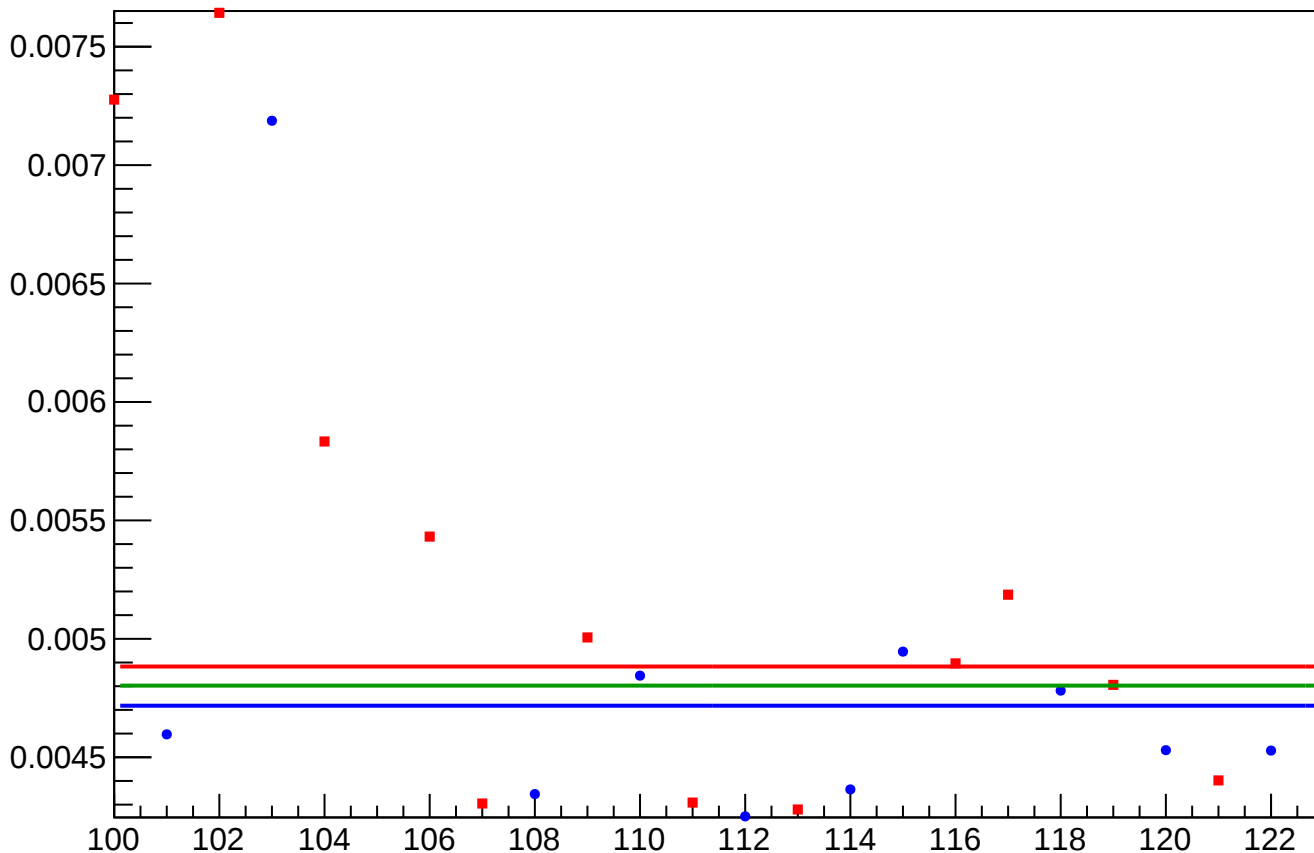
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.220+/-0.000 χ^2/NDF : 68135109.2/10

-0.220+/-0.000 χ^2/NDF : 230757804.2/22

-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 : 146028.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 226191.8/11

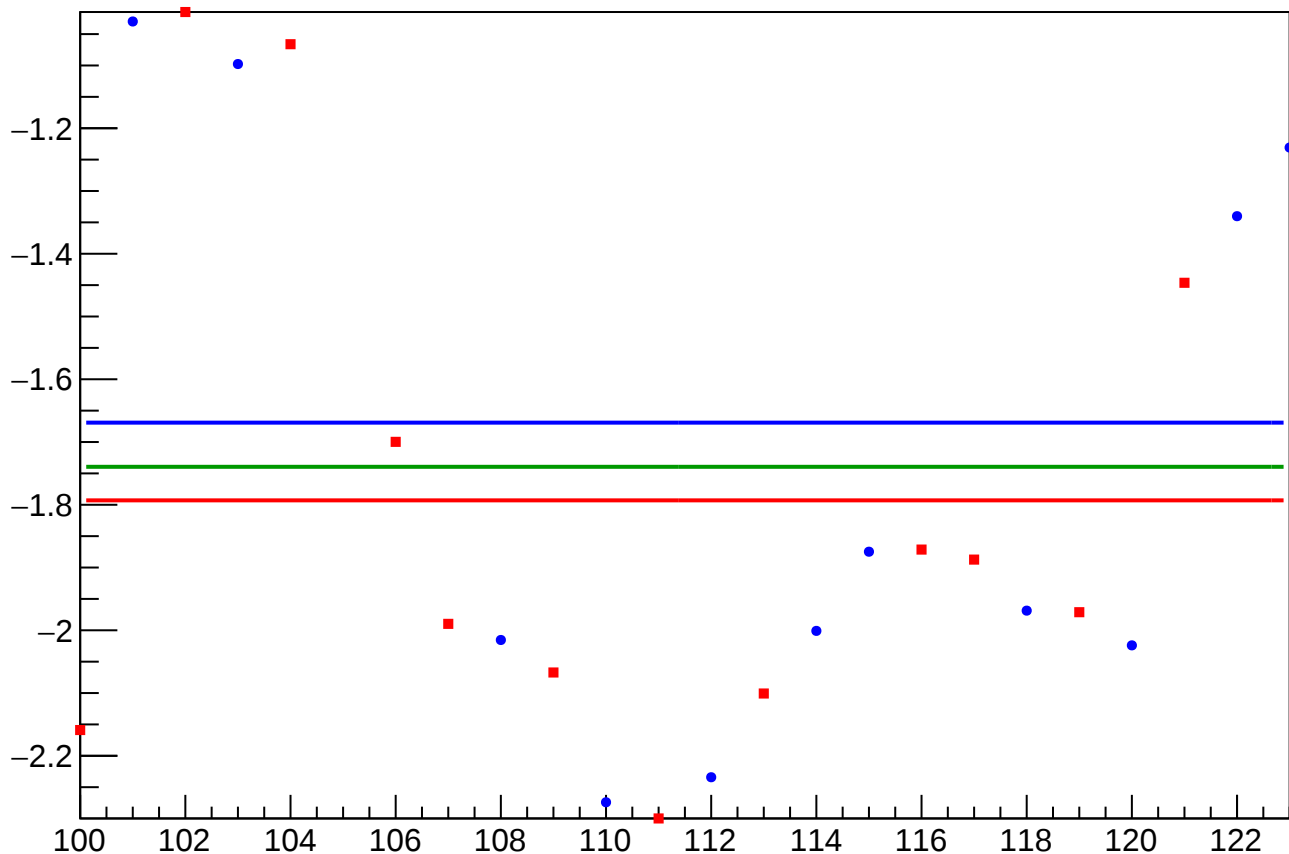
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 146028.4/10

0.005+/-0.000 χ^2/NDF : 376512.2/22

0.005+/-0.000 χ^2/NDF : 226191.8/11

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.669+/-0.000 χ^2/NDF : 17107436836.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.793+/-0.000 χ^2/NDF : 18426989689.5/11

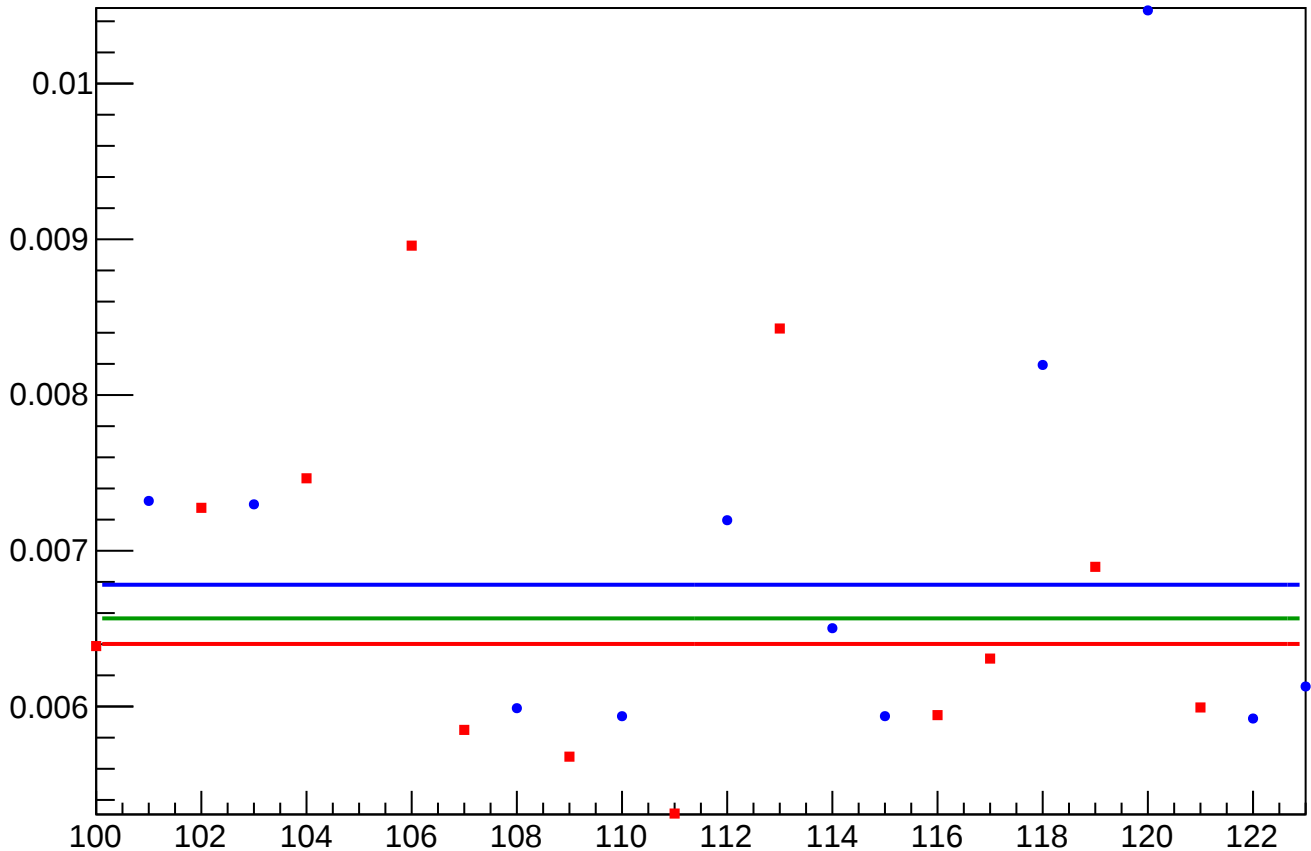
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.669+/-0.000 χ^2/NDF : 17107436836.4/10

-1.739+/-0.000 χ^2/NDF : 36170294115.7/10

-1.793+/-0.000 χ^2/NDF : 18426989689.5/11

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 140724.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 181106.1/11

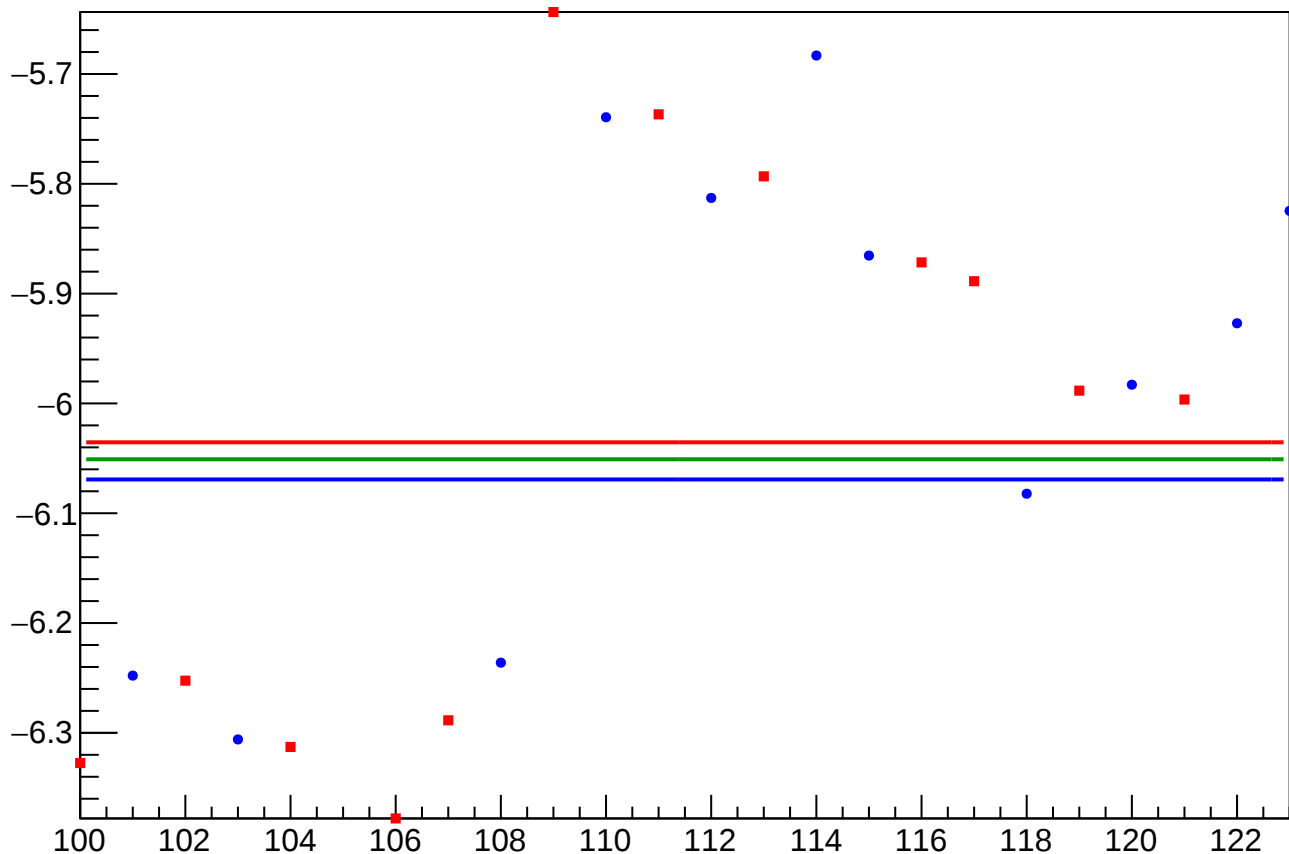
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 140724.8/10

0.007+/-0.000 χ^2/NDF : 333815.0/22

0.006+/-0.000 χ^2/NDF : 181106.1/11

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -6.069+/-0.000 χ^2/NDF : 4837902737.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.035+/-0.000 χ^2/NDF : 8163247846.9/11

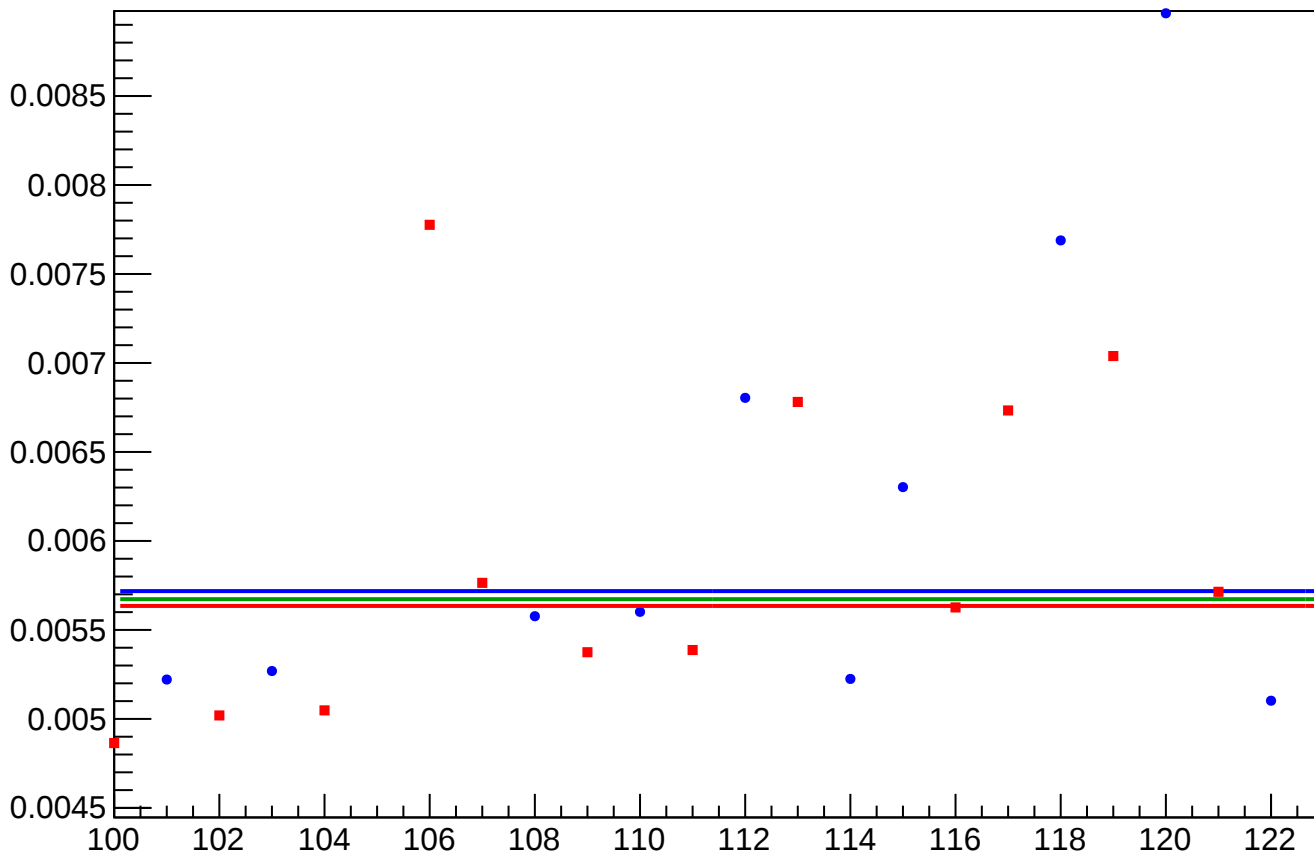
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.069+/-0.000 χ^2/NDF : 4837902737.4/10

-6.051+/-0.000 χ^2/NDF : 13065027100.6/10

-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 : 176279.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 131246.2/11

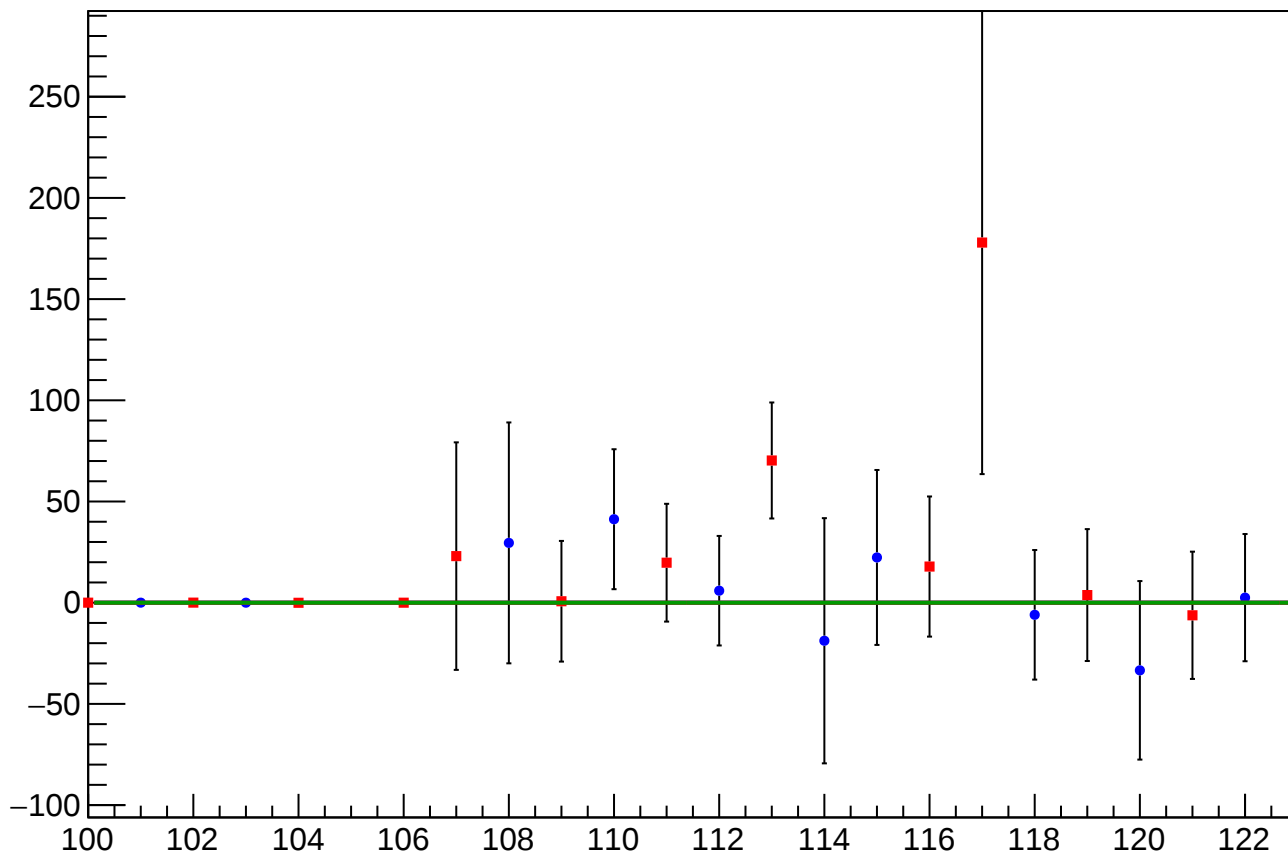
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 176279.5/10

0.006+/-0.000 χ^2/NDF : 308300.2/22

0.006+/-0.000 χ^2/NDF : 131246.2/11

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.017 χ^2 /NDF: 2.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.003 $\pm$ 0.016 χ^2 /NDF: 14.2/11

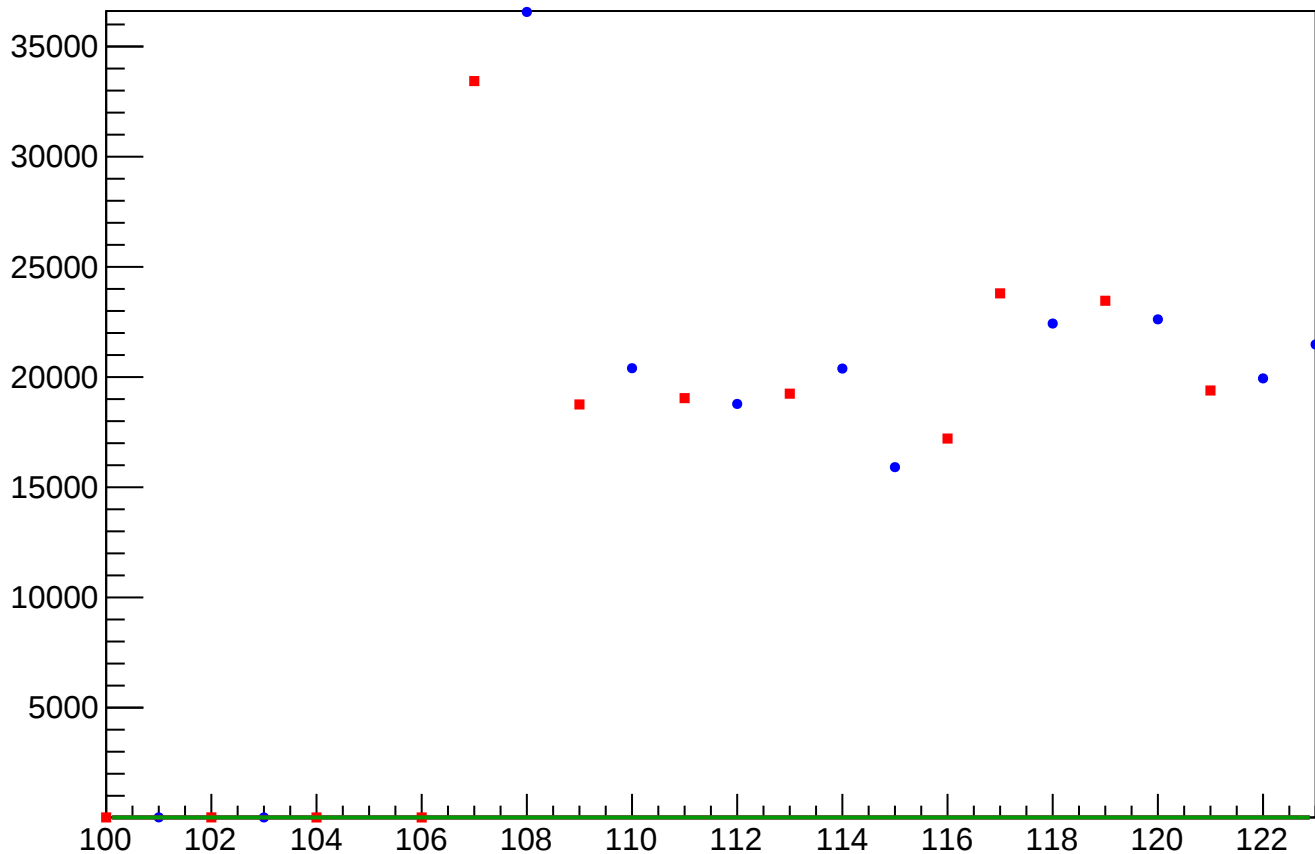
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.013 $\pm$ 0.017 χ^2 /NDF: 2.9/10

0.004 $\pm$ 0.012 χ^2 /NDF: 17.6/22

-0.003 $\pm$ 0.016 χ^2 /NDF: 14.2/11

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 18.597+/-0.012 χ^2/NDF : 5301080.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.277+/-0.011 χ^2/NDF : 5639059.3/11

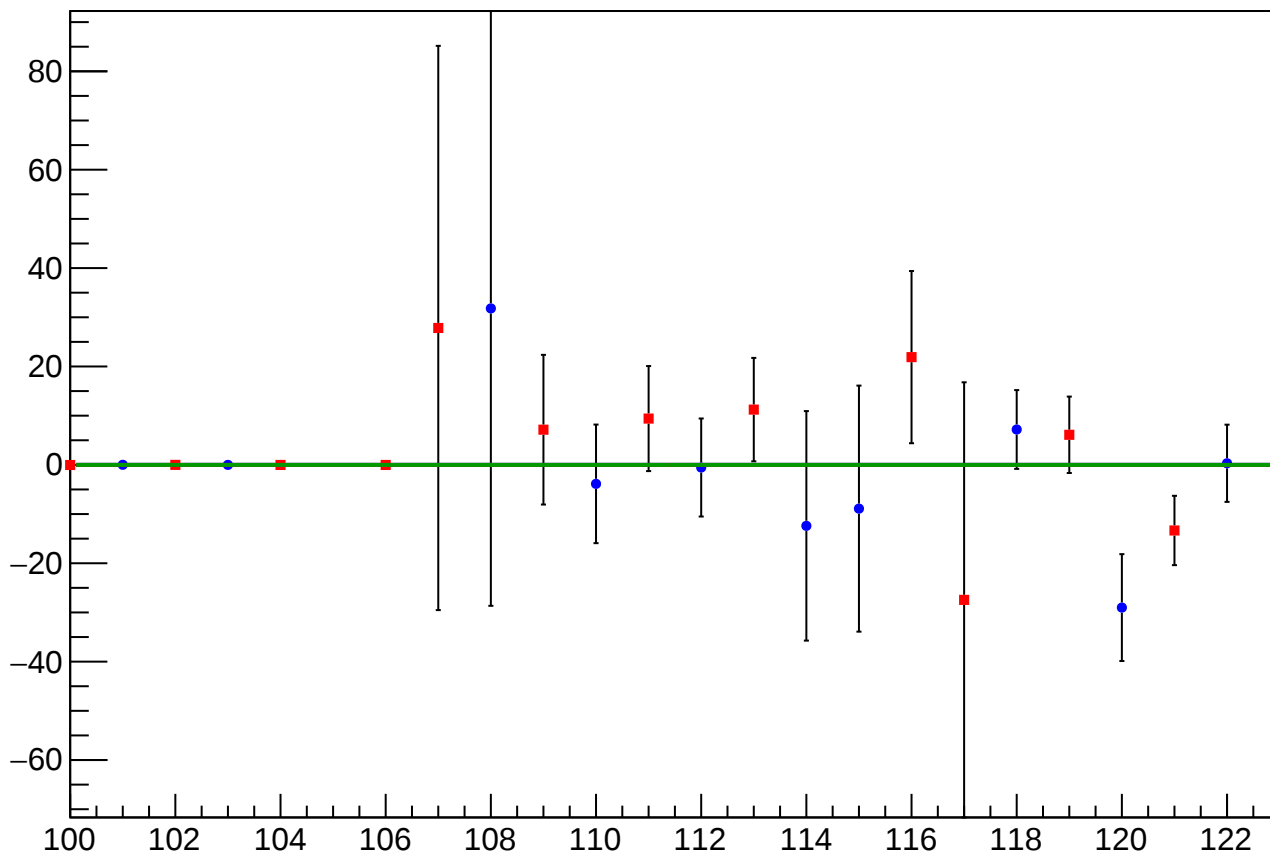
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

18.597+/-0.012 χ^2/NDF : 5301080.4/10

18.425+/-0.008 χ^2/NDF : 10940506.2/22

18.277+/-0.011 χ^2/NDF : 5639059.3/11

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.009 χ^2 /NDF: 10.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.014 $\pm$ 0.009 χ^2 /NDF: 9.2/11

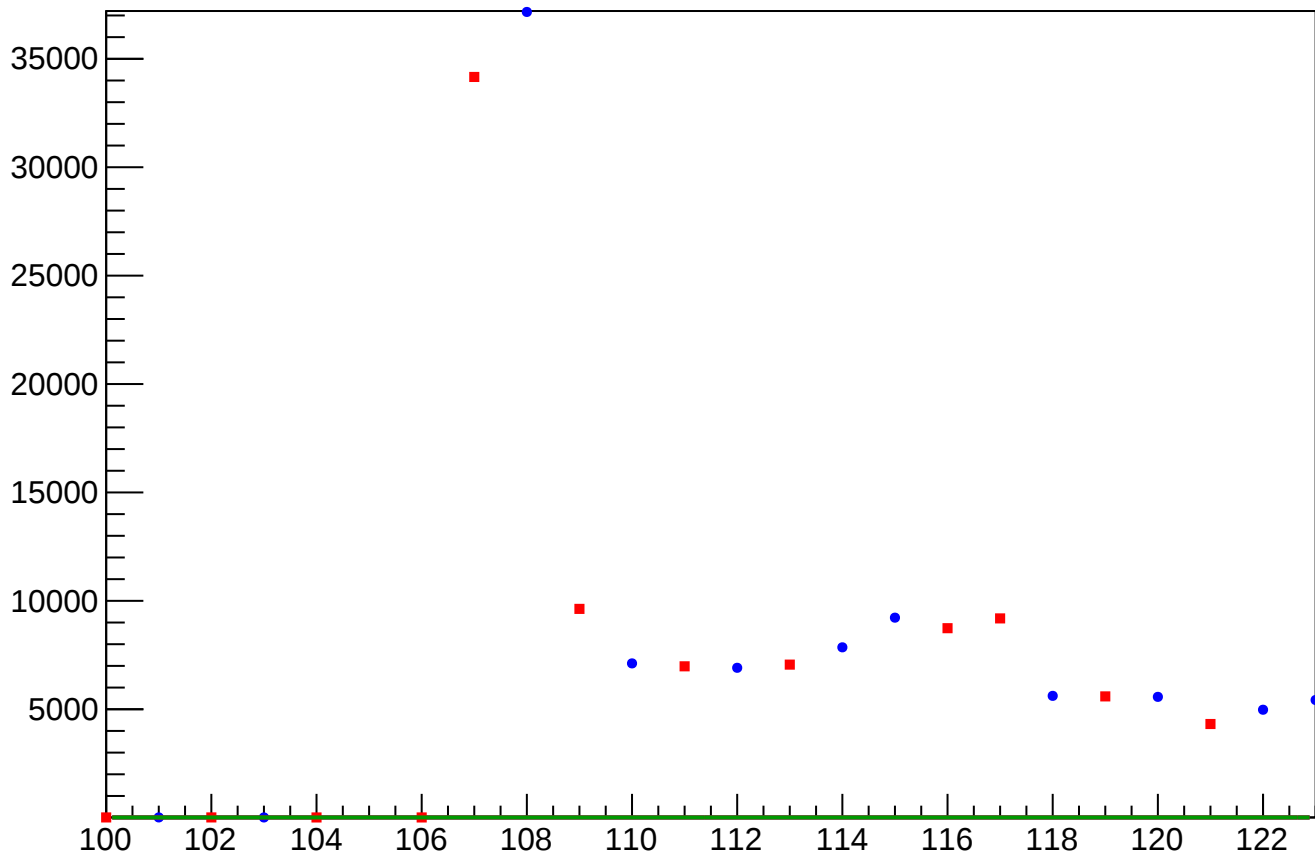
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.001 $\pm$ 0.009 χ^2 /NDF: 10.1/10

-0.007 $\pm$ 0.006 χ^2 /NDF: 20.7/22

-0.014 $\pm$ 0.009 χ^2 /NDF: 9.2/11

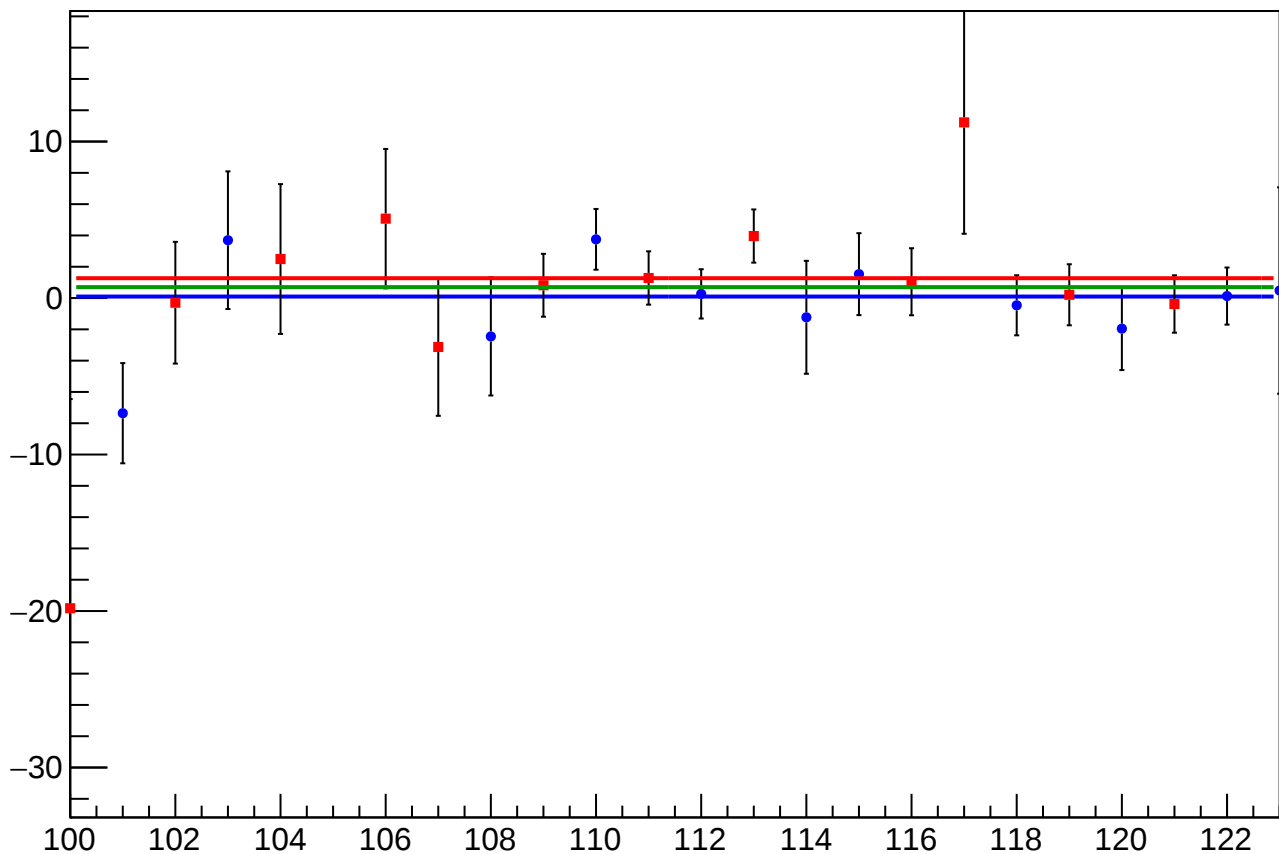
diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 9.887 $\pm$ 0.007 χ^2 /NDF: 5297450.6/10
 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: 5297450.6/10
 9.846 $\pm$ 0.004 χ^2 /NDF: 10937332.0/22
 9.810 $\pm$ 0.006 χ^2 /NDF: 5639806.2/11

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: 0.096 $\pm$ 0.736 χ^2 /NDF: 11.2/10

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

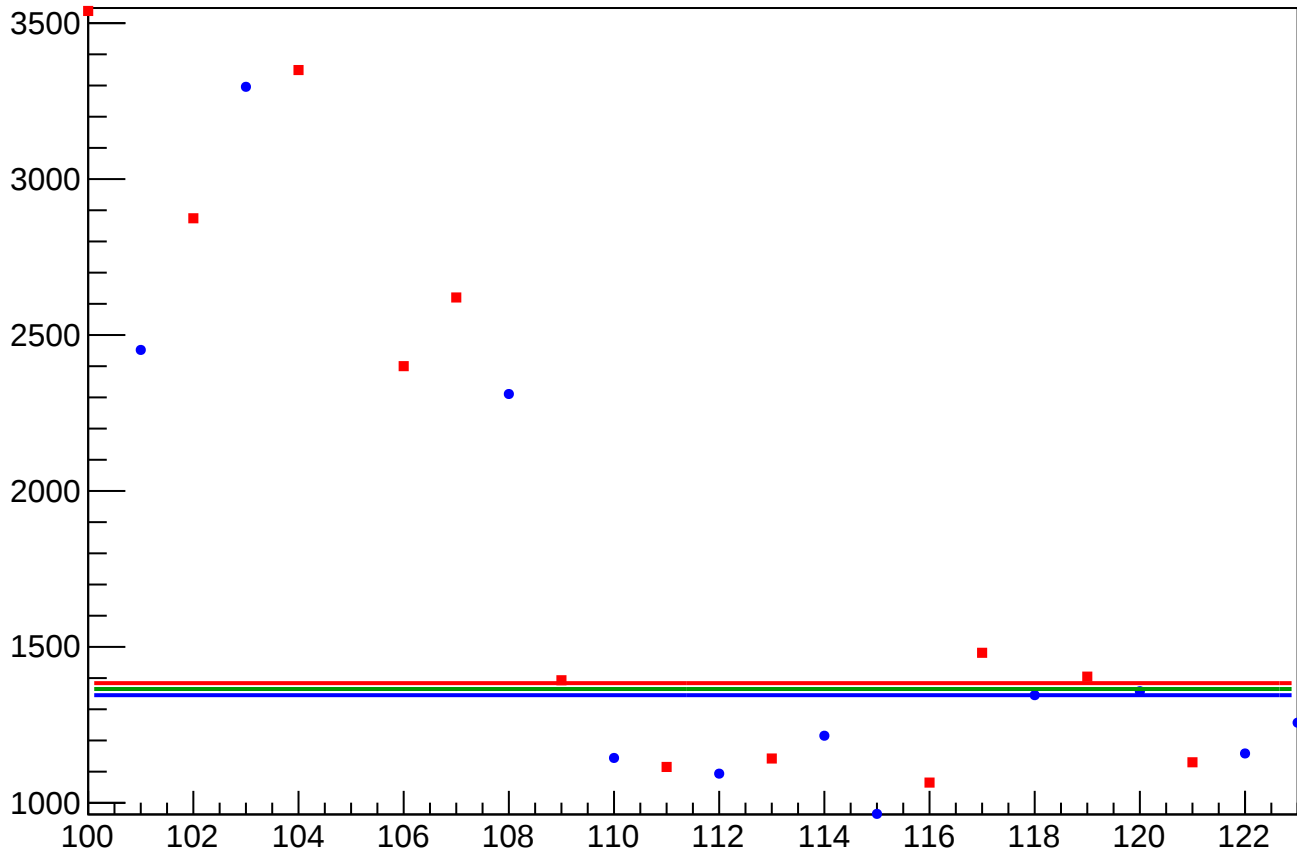
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.096 $\pm$ 0.736 χ^2 /NDF: 11.2/10

0.698 $\pm$ 0.513 χ^2 /NDF: 22.6/22

1.268 $\pm$ 0.715 χ^2 /NDF: 10.1/11

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 1345.191+/-0.520 χ^2/NDF : 902271.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1383.798+/-0.506 χ^2/NDF : 1118654.9/11

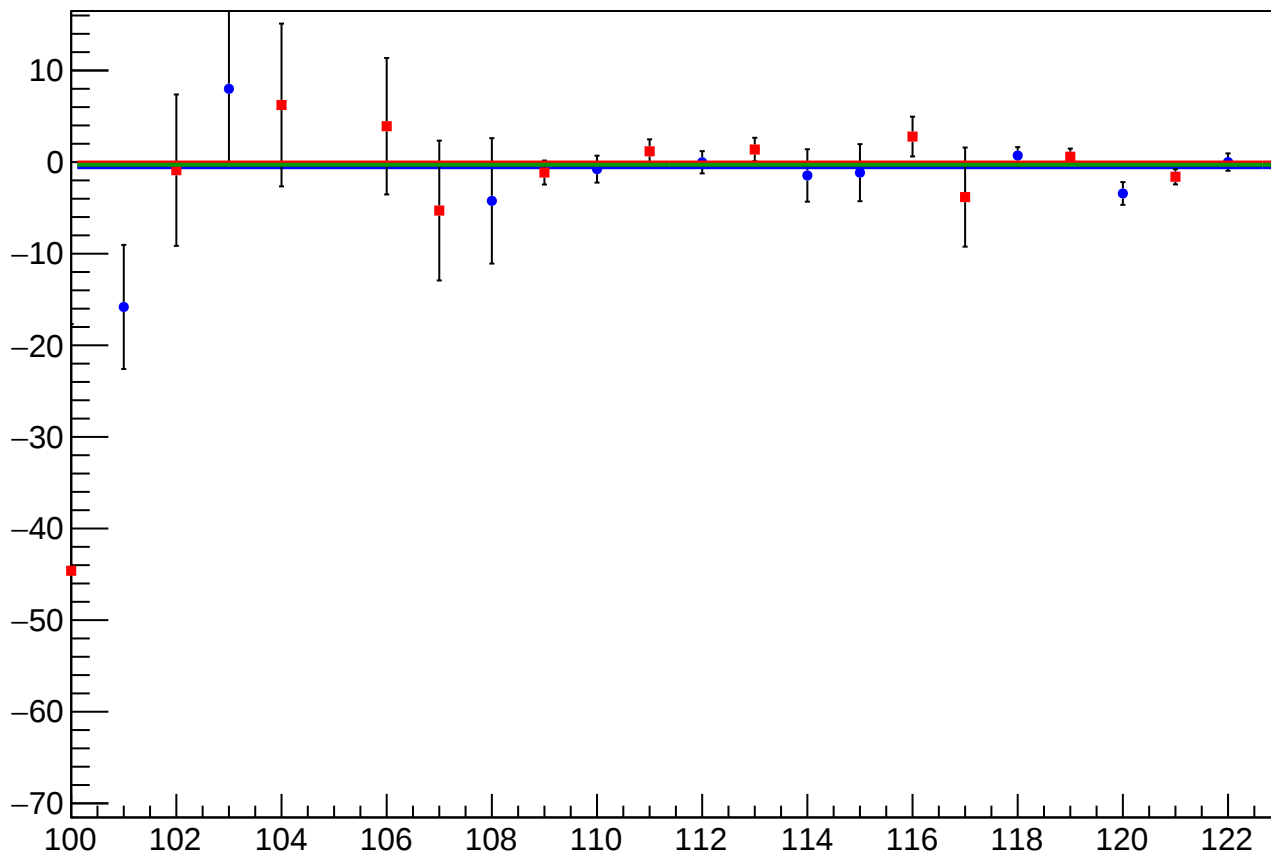
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1345.191+/-0.520 χ^2/NDF : 902271.0/10

1365.030+/-0.363 χ^2/NDF : 2023757.2/22

1383.798+/-0.506 χ^2/NDF : 1118654.9/11

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.557+/-0.473 χ^2 /NDF: 14.4/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.048+/-0.457 χ^2 /NDF: 12.9/11

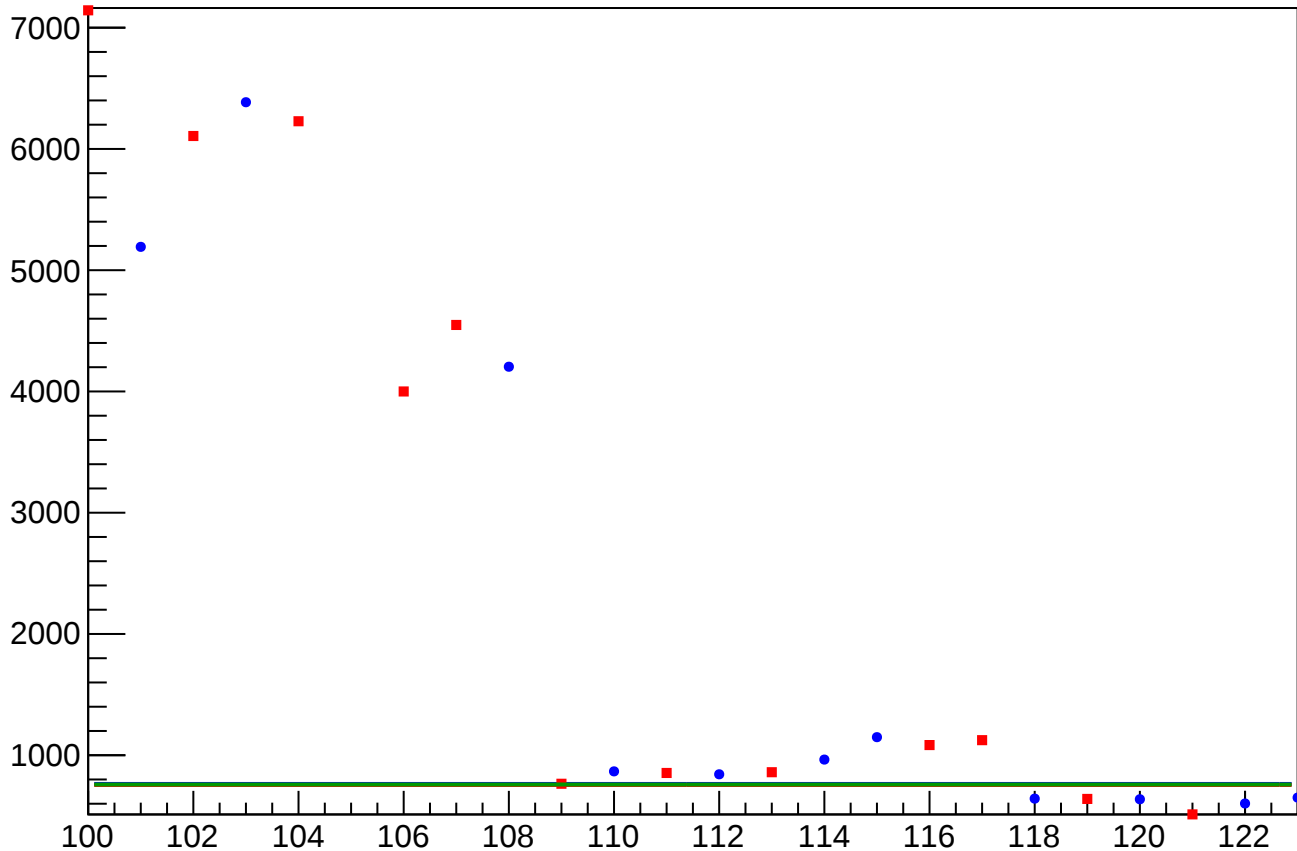
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.557+/-0.473 χ^2 /NDF: 14.4/10

-0.293+/-0.329 χ^2 /NDF: 28.0/22

-0.048+/-0.457 χ^2 /NDF: 12.9/11

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 762.985+/-0.335 χ^2/NDF : 2411386.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 754.645+/-0.323 χ^2/NDF : 2865863.1/11

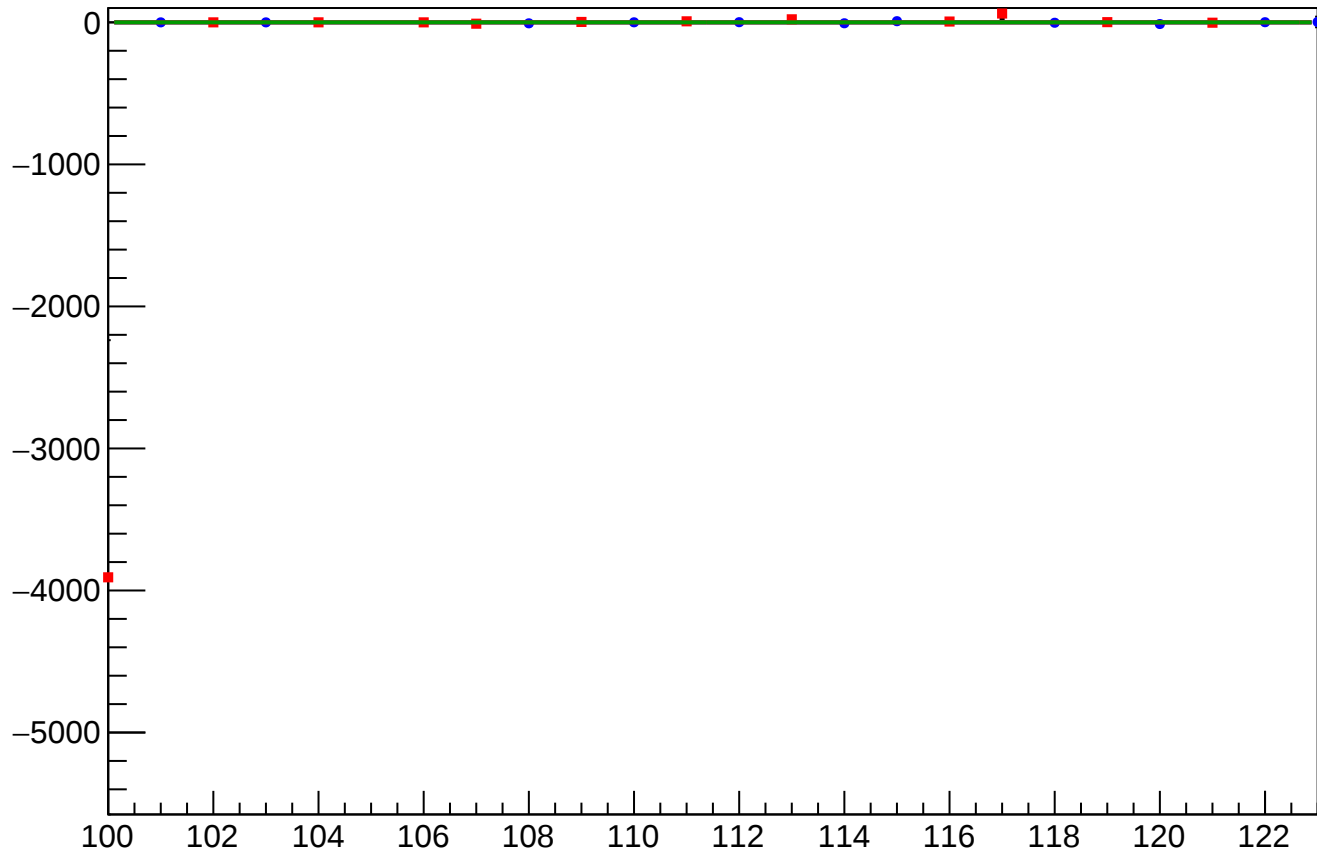
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

762.985+/-0.335 χ^2/NDF : 2411386.3/10

758.671+/-0.233 χ^2/NDF : 5277570.5/22

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: 2.1/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.027+/-0.020 χ^2 /NDF: 16.1/11

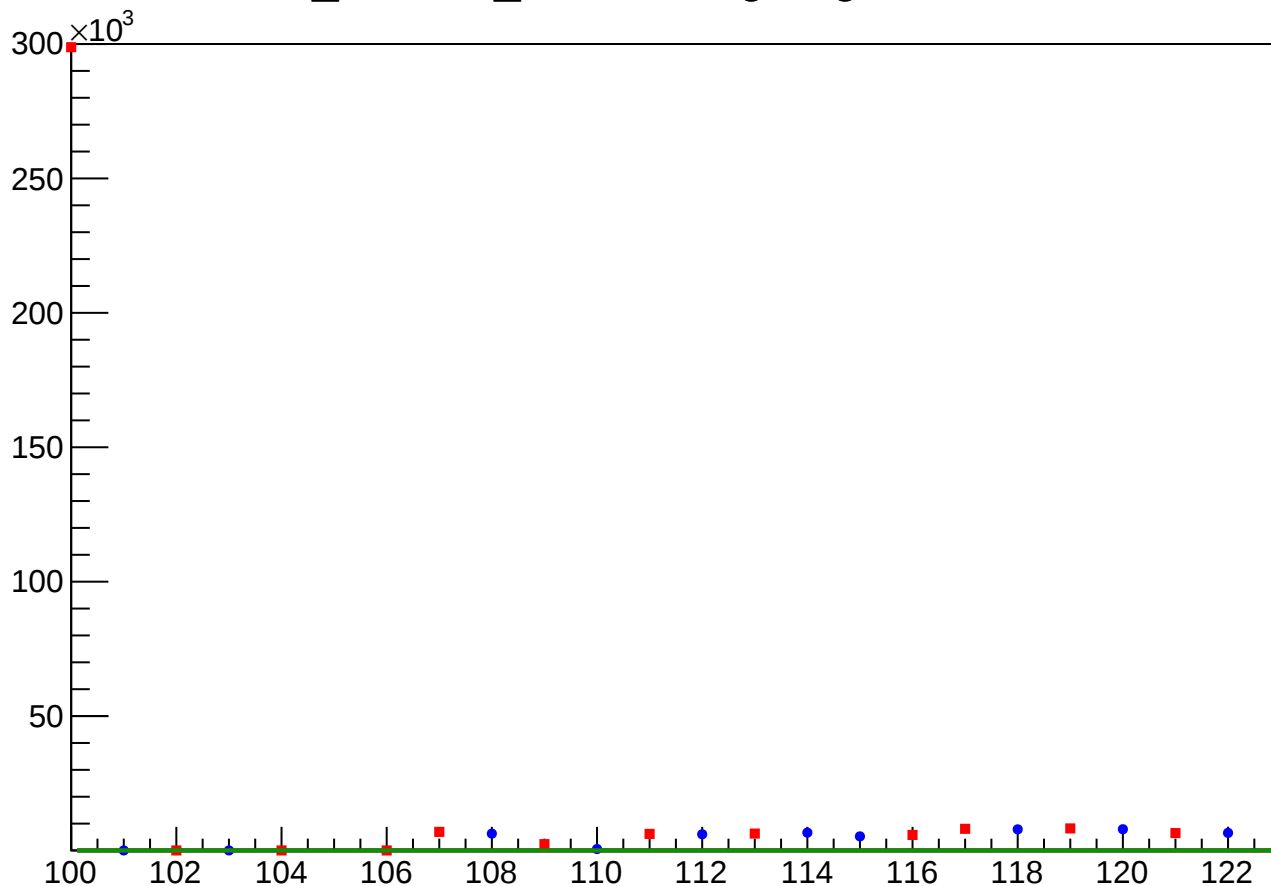
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.021+/-0.021 χ^2 /NDF: 2.1/10

0.004+/-0.014 χ^2 /NDF: 21.0/22

0.027+/-0.020 χ^2 /NDF: 16.1/11

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 17.150 $\pm$ 0.015 χ^2/NDF : 4824640.8/10

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

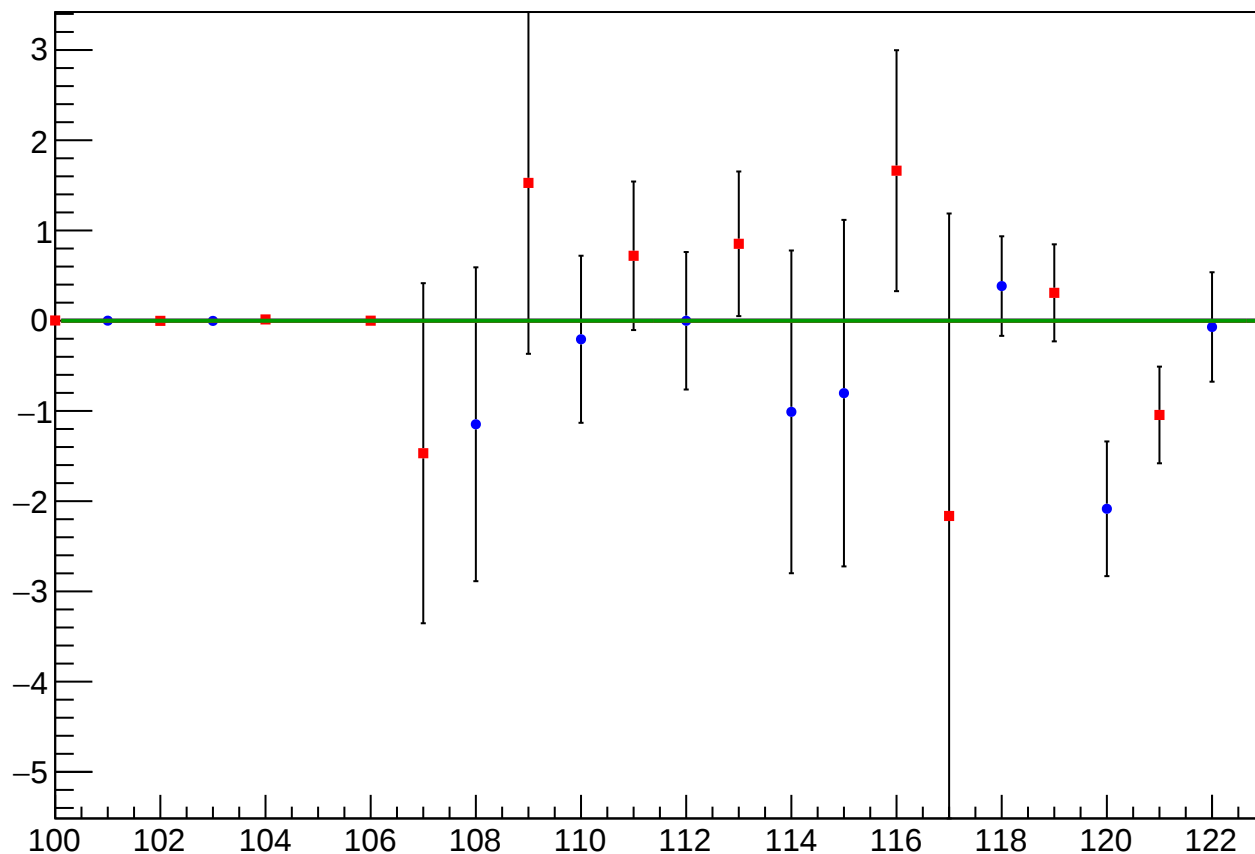
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

17.150 $\pm$ 0.015 χ^2/NDF : 4824640.8/10

17.131 $\pm$ 0.010 χ^2/NDF : 10187539.4/22

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: 9.6/10

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

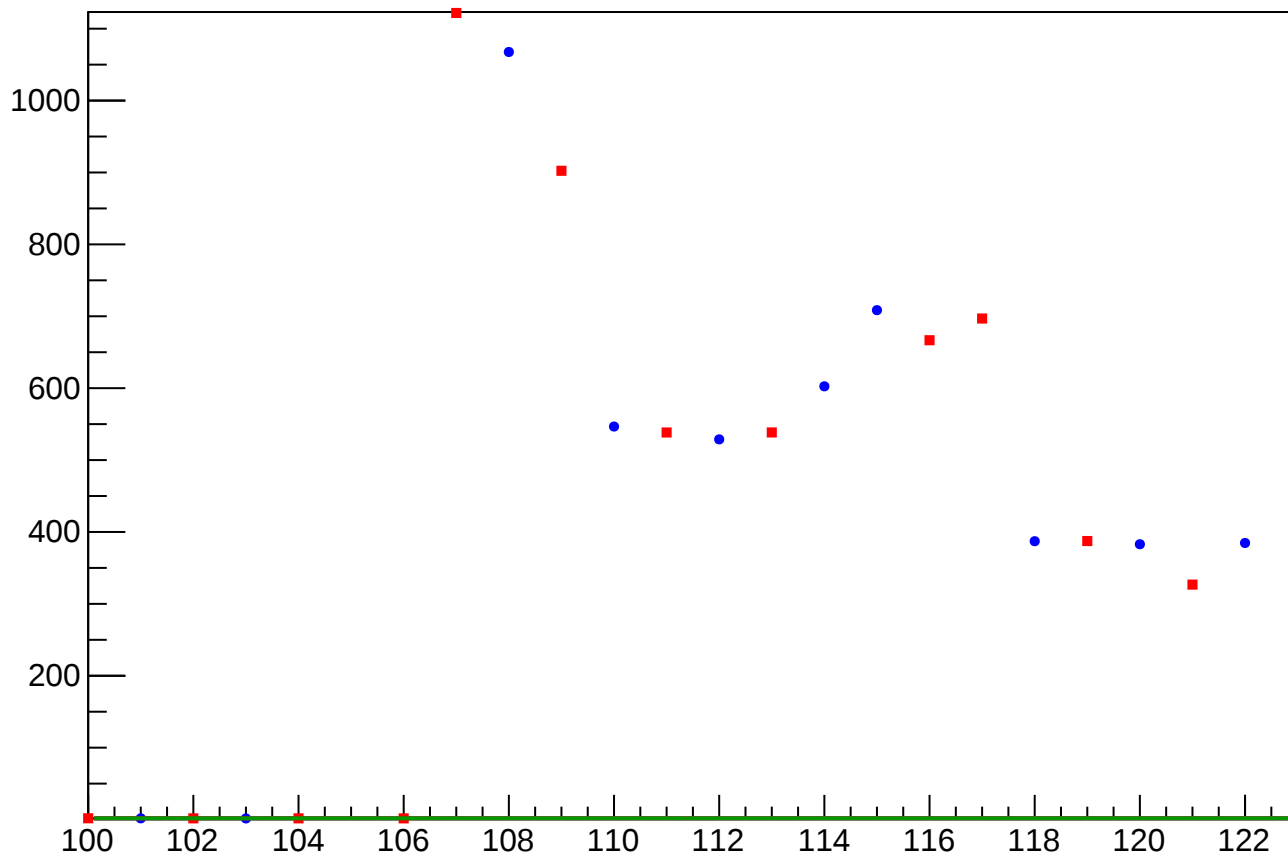
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.000 $\pm$ 0.002 χ^2 /NDF: 9.6/10

-0.000 $\pm$ 0.001 χ^2 /NDF: 20.0/22

-0.001 $\pm$ 0.002 χ^2 /NDF: 10.2/11

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 1.667 $\pm$ 0.001 χ^2 /NDF: 5267518.5/10

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

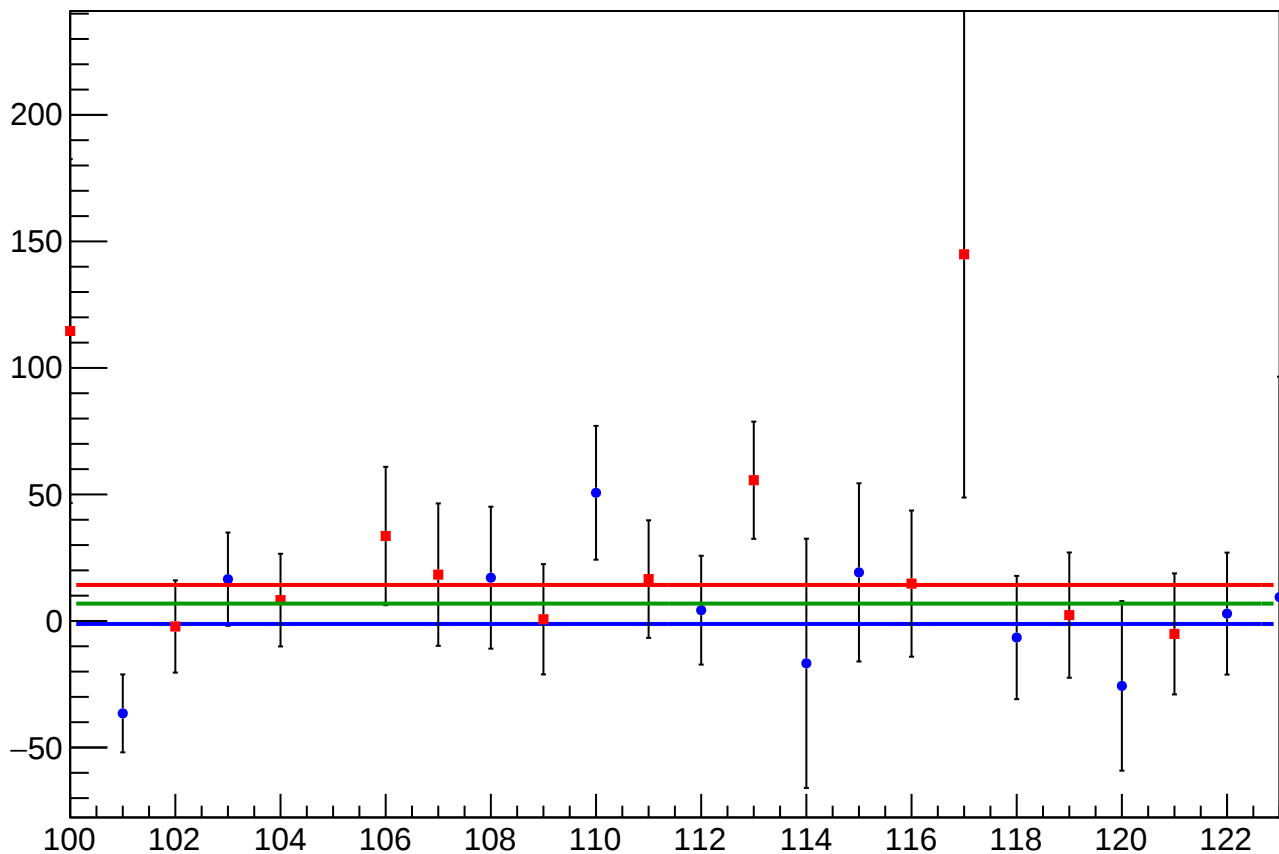
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.667 $\pm$ 0.001 χ^2 /NDF: 5267518.5/10

1.683 $\pm$ 0.001 χ^2 /NDF: 10521920.2/22

1.699 $\pm$ 0.001 χ^2 /NDF: 5254138.6/11

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -1.179+/-7.522 χ^2/NDF : 11.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.236+/-7.195 χ^2/NDF : 9.9/11

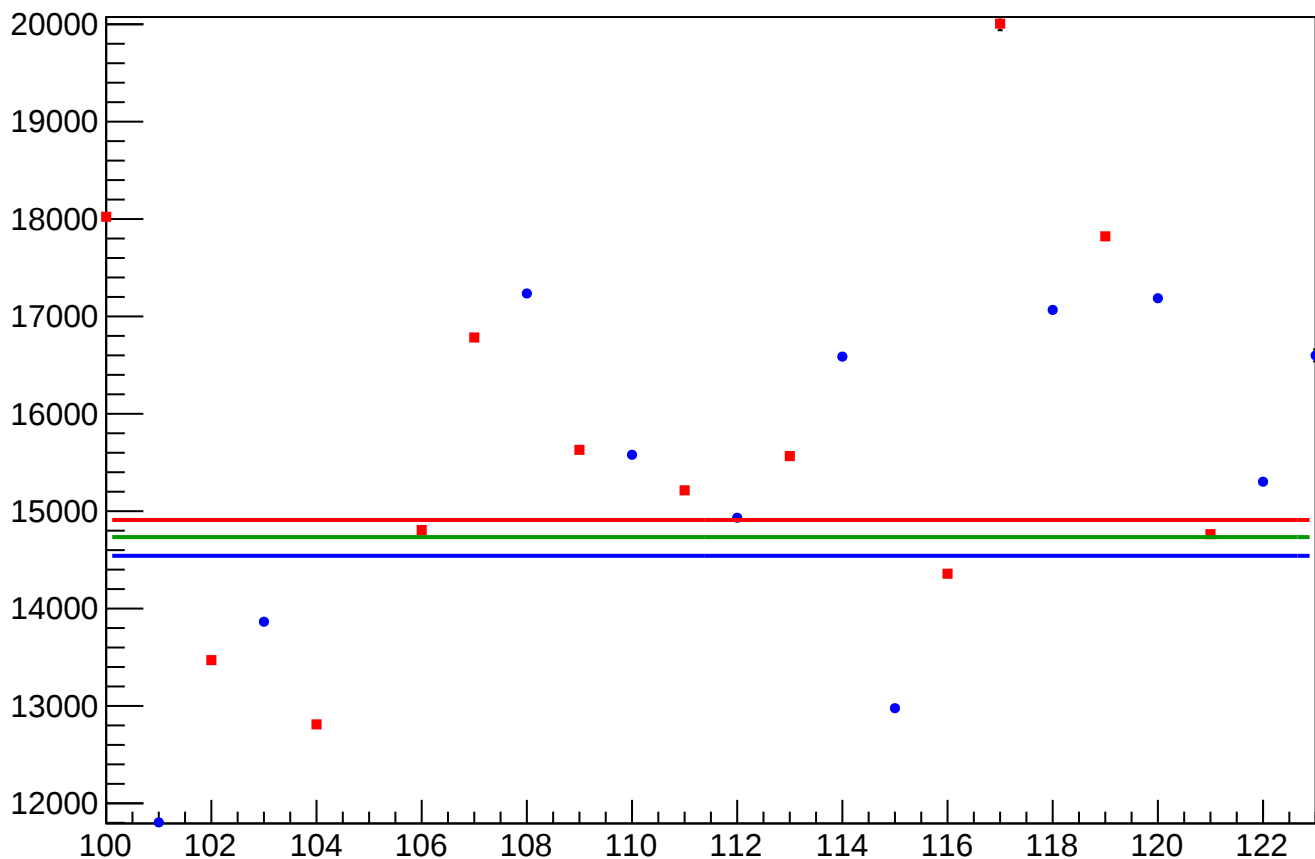
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.179+/-7.522 χ^2/NDF : 11.6/10

6.871+/-5.199 χ^2/NDF : 23.7/22

14.236+/-7.195 χ^2/NDF : 9.9/11

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 14541.693+/-5.319 χ^2/NDF : 132556.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14909.929+/-5.087 χ^2/NDF : 90100.6/11

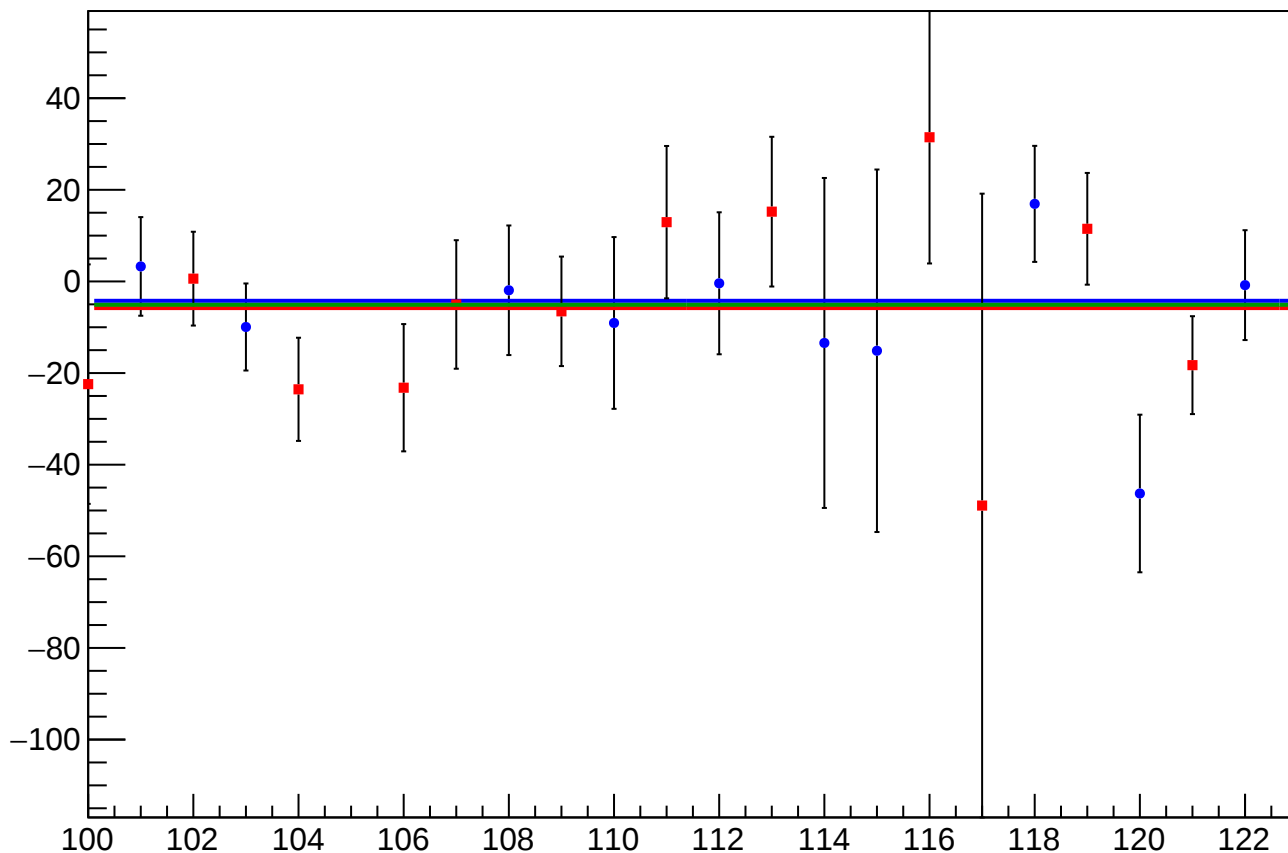
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14541.693+/-5.319 χ^2/NDF : 132556.3/10

14733.998+/-3.676 χ^2/NDF : 225159.9/22

14909.929+/-5.087 χ^2/NDF : 90100.6/11

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -4.227+/-4.461 χ^2/NDF : 10.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.820+/-4.065 χ^2/NDF : 13.4/11

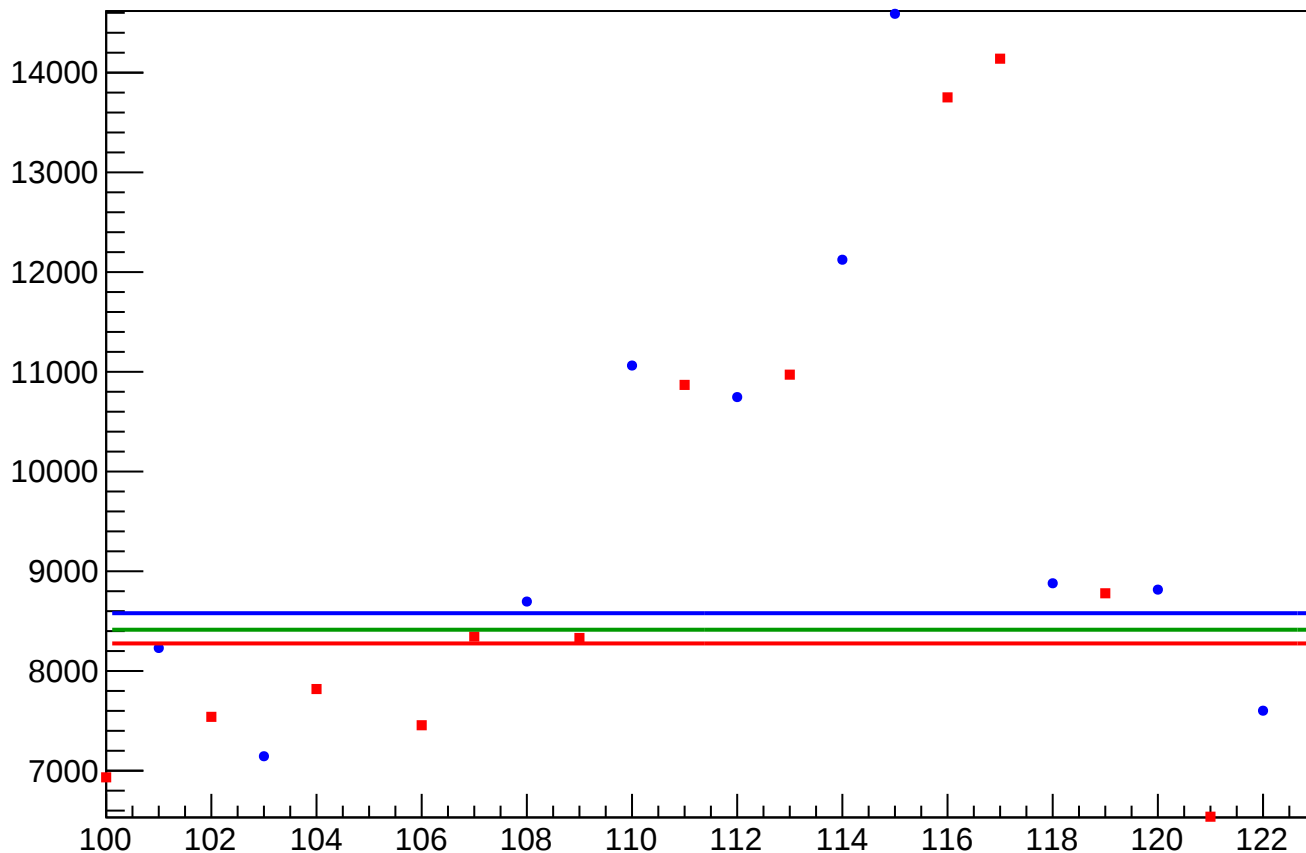
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.227+/-4.461 χ^2/NDF : 10.4/10

-5.098+/-3.005 χ^2/NDF : 23.8/22

-5.820+/-4.065 χ^2/NDF : 13.4/11

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8579.498 $\pm$ 3.155 χ^2 /NDF: 202555.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8276.292 $\pm$ 2.874 χ^2 /NDF: 279095.0/11

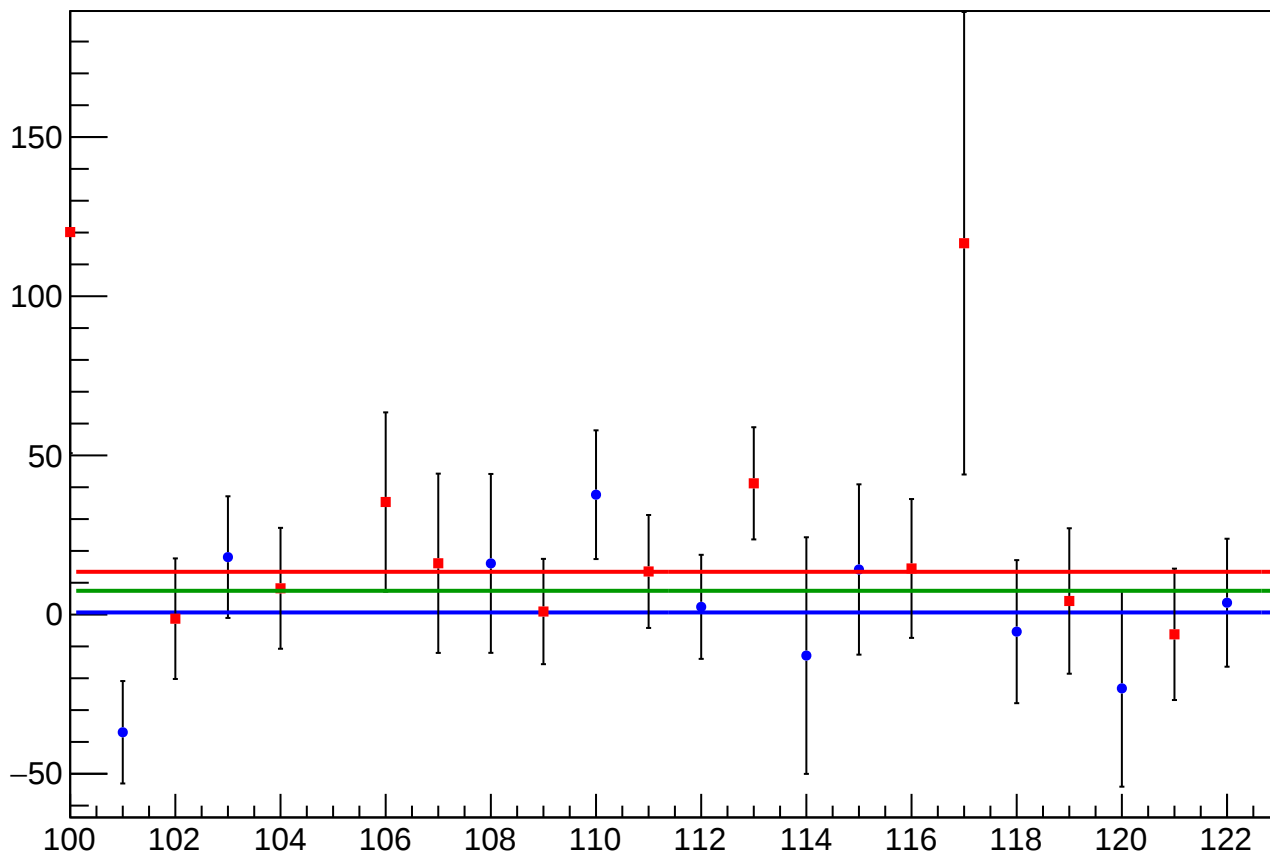
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8579.498 $\pm$ 3.155 χ^2 /NDF: 202555.3/10

8413.816 $\pm$ 2.125 χ^2 /NDF: 486698.3/22

8276.292 $\pm$ 2.874 χ^2 /NDF: 279095.0/11

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: 0.673 $\pm$ 6.761 χ^2 /NDF: 11.1/10

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

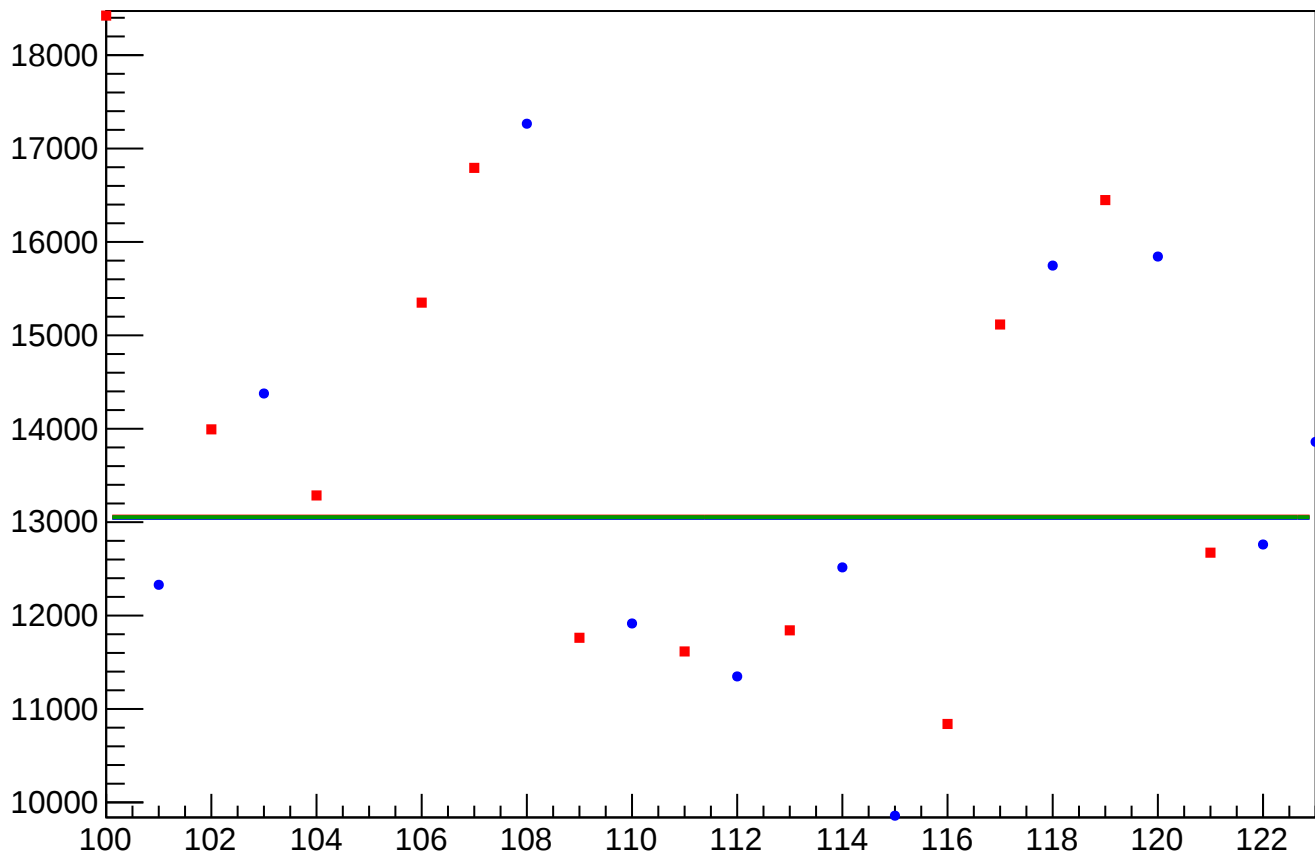
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.673 $\pm$ 6.761 χ^2 /NDF: 11.1/10

7.470 $\pm$ 4.624 χ^2 /NDF: 22.8/22

13.440 $\pm$ 6.337 χ^2 /NDF: 9.8/11

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13045.729+/-4.781 χ^2/NDF : 161411.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13059.564+/-4.481 χ^2/NDF : 167632.4/11

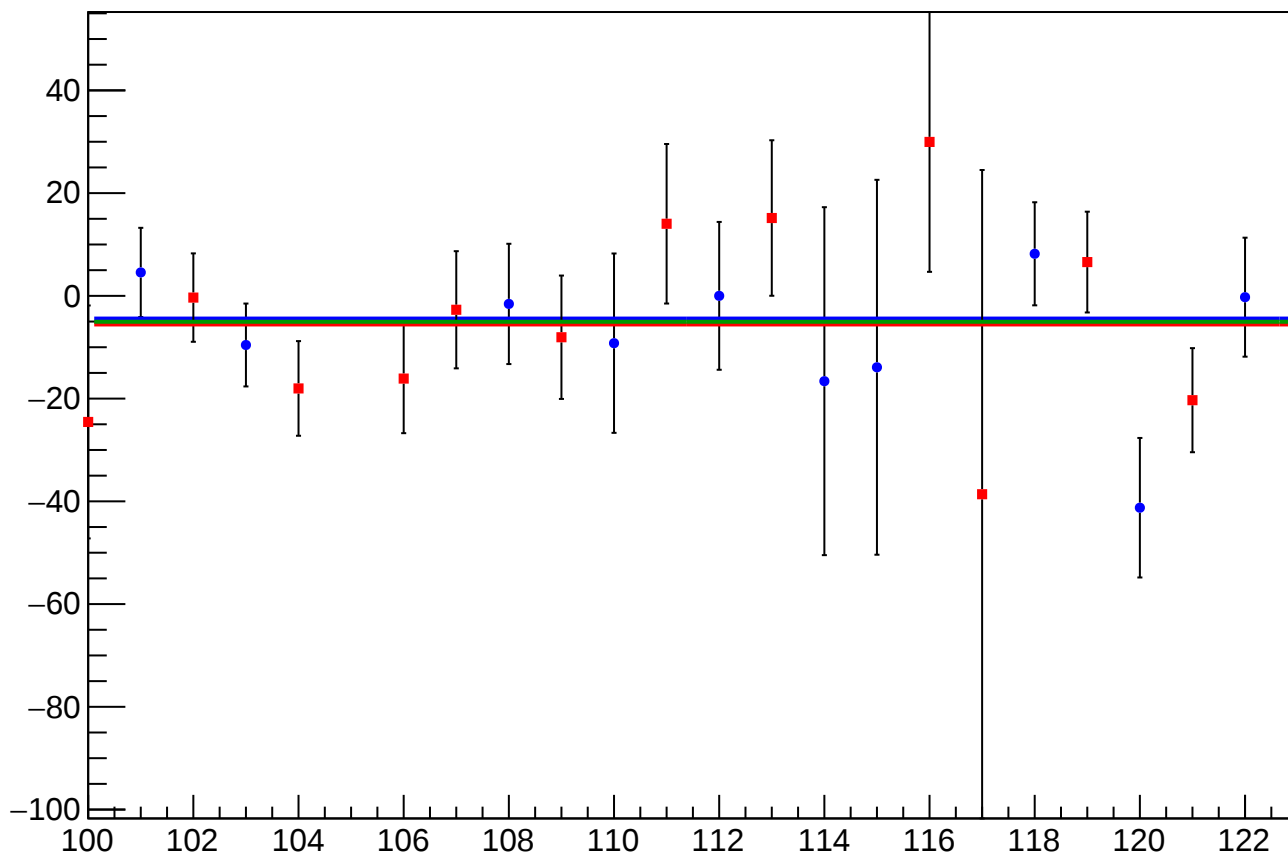
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13045.729+/-4.781 χ^2/NDF : 161411.7/10

13053.094+/-3.269 χ^2/NDF : 329048.5/22

13059.564+/-4.481 χ^2/NDF : 167632.4/11

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -4.420+/-3.805 χ^2 /NDF: 11.0/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -5.566+/-3.510 χ^2 /NDF: 13.4/11

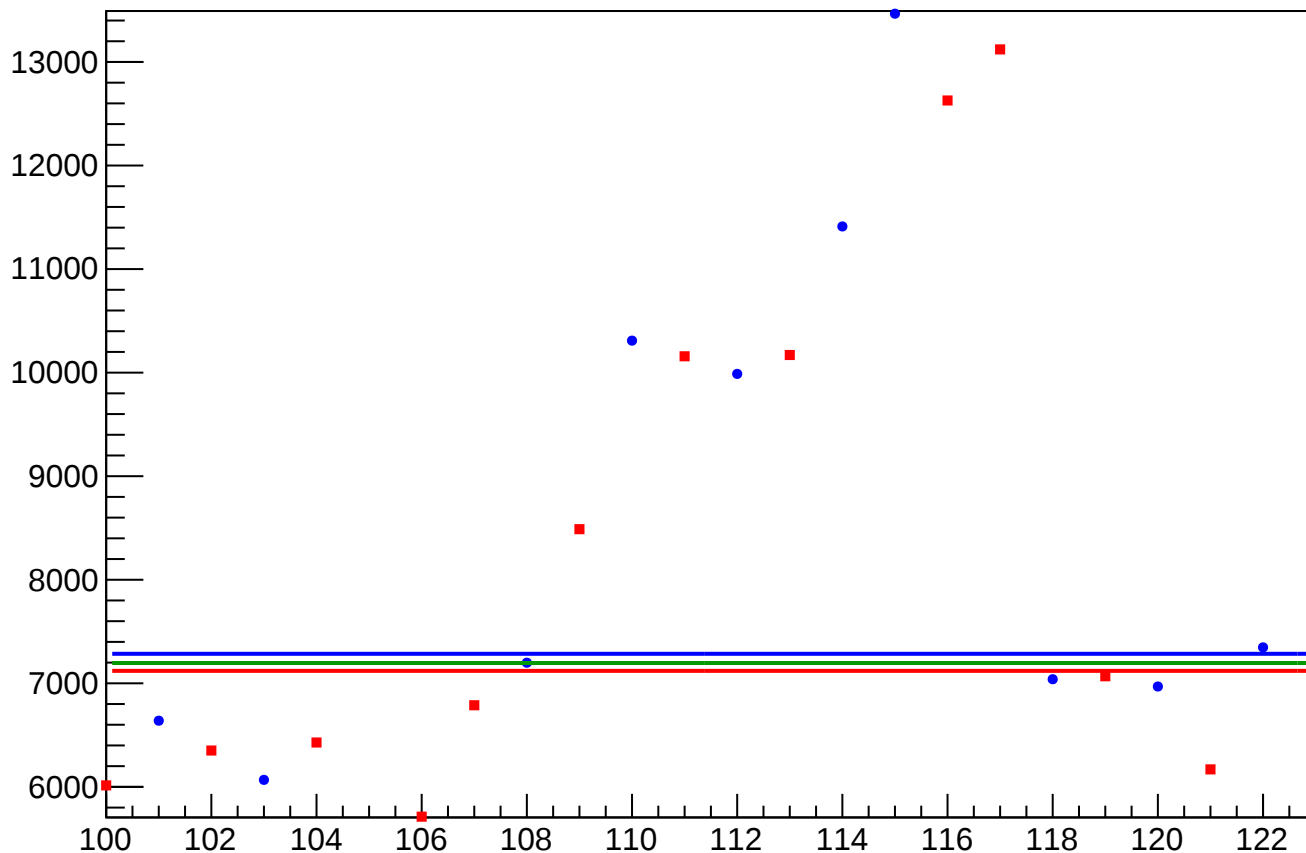
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-4.420+/-3.805 χ^2 /NDF: 11.0/10

-5.039+/-2.580 χ^2 /NDF: 24.4/22

-5.566+/-3.510 χ^2 /NDF: 13.4/11

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7285.022+/-2.691 χ^2 /NDF: 277237.2/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 7120.239+/-2.482 χ^2 /NDF: 383153.0/11

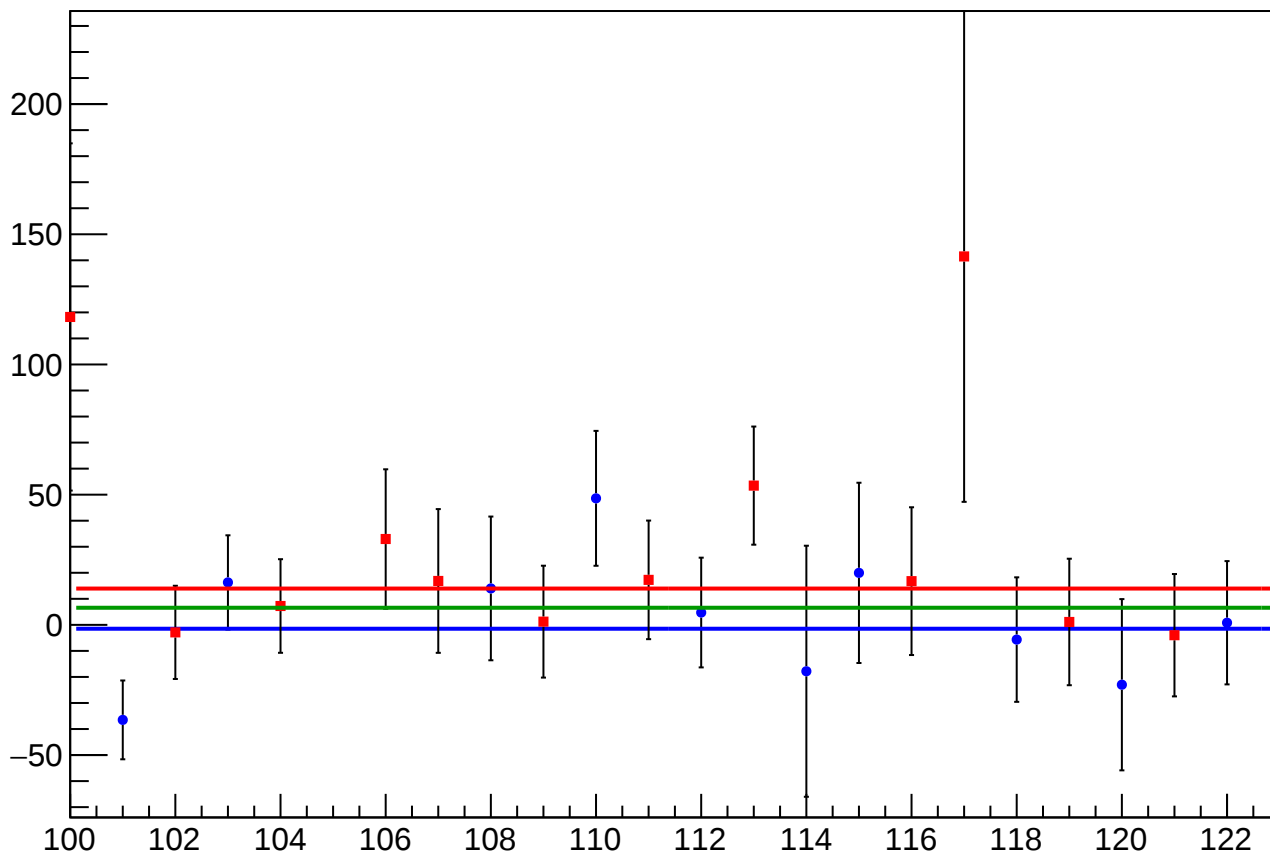
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

7285.022+/-2.691 χ^2 /NDF: 277237.2/10

7195.989+/-1.824 χ^2 /NDF: 662416.4/22

7120.239+/-2.482 χ^2 /NDF: 383153.0/11

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.487+/-7.385 χ^2/NDF : 11.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.943+/-7.063 χ^2/NDF : 10.1/11

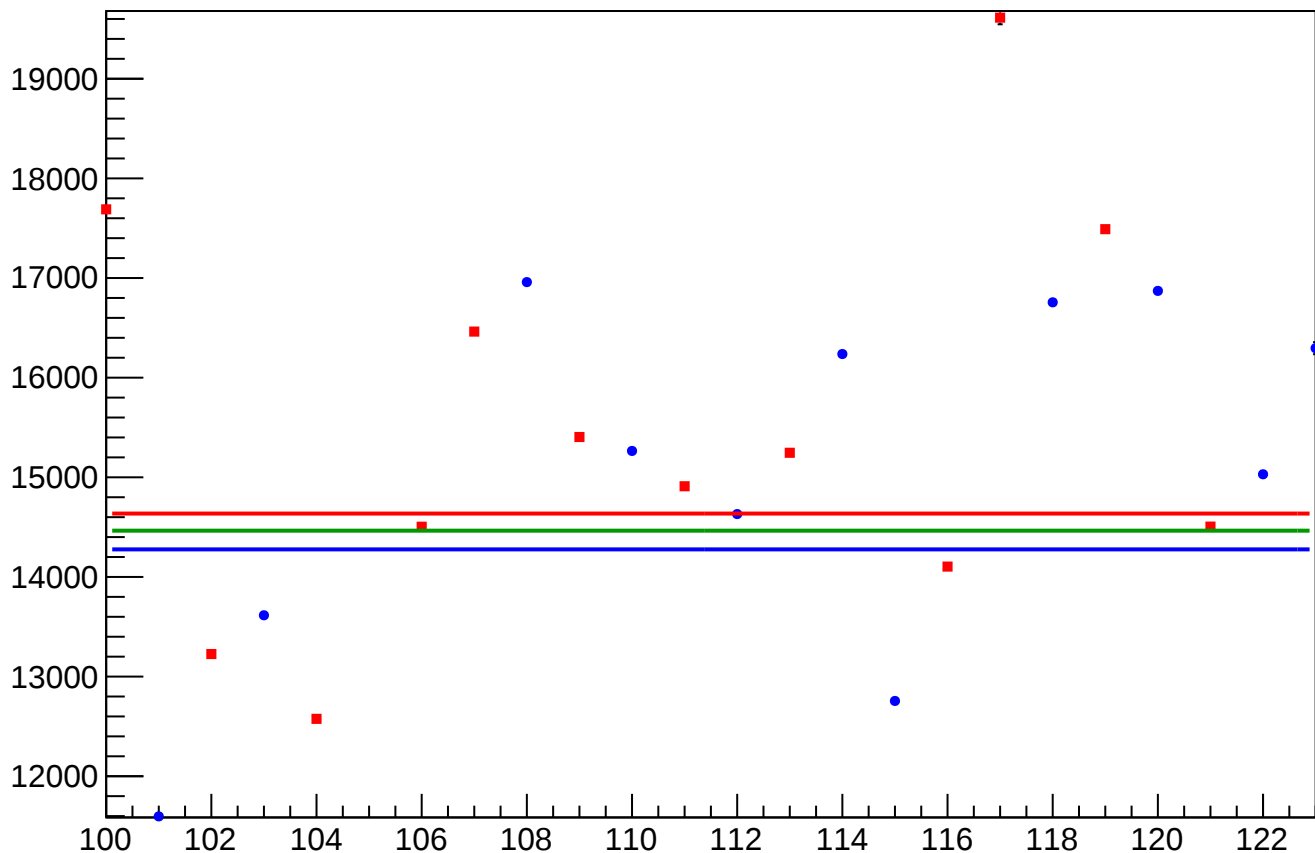
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.487+/-7.385 χ^2/NDF : 11.4/10

6.572+/-5.104 χ^2/NDF : 23.8/22

13.943+/-7.063 χ^2/NDF : 10.1/11

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 14276.687+/-5.222 χ^2/NDF : 132042.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14636.194+/-4.994 χ^2/NDF : 89934.7/11

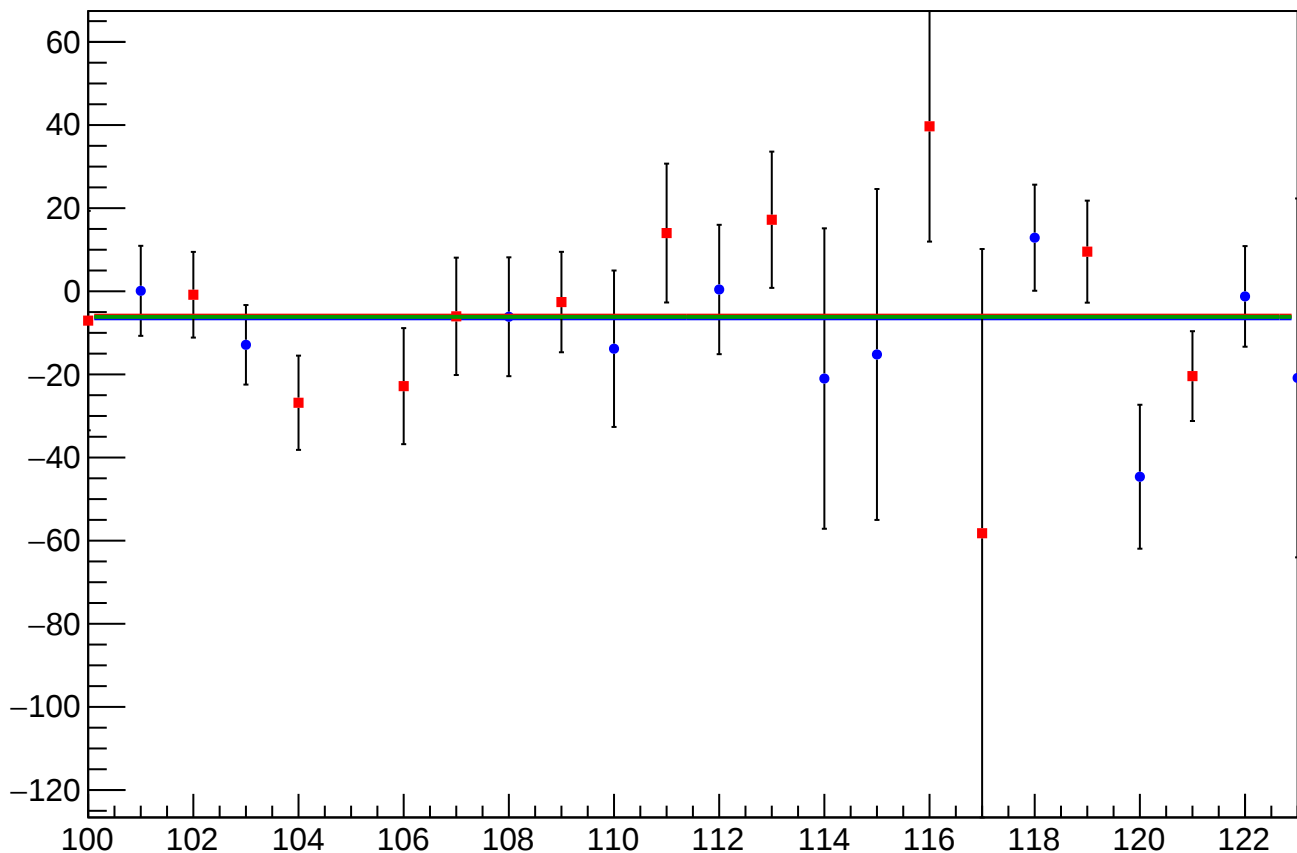
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14276.687+/-5.222 χ^2/NDF : 132042.0/10

14464.454+/-3.609 χ^2/NDF : 224452.4/22

14636.194+/-4.994 χ^2/NDF : 89934.7/11

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -6.497+/-4.494 χ^2 /NDF: 8.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -5.863+/-4.095 χ^2 /NDF: 15.3/11

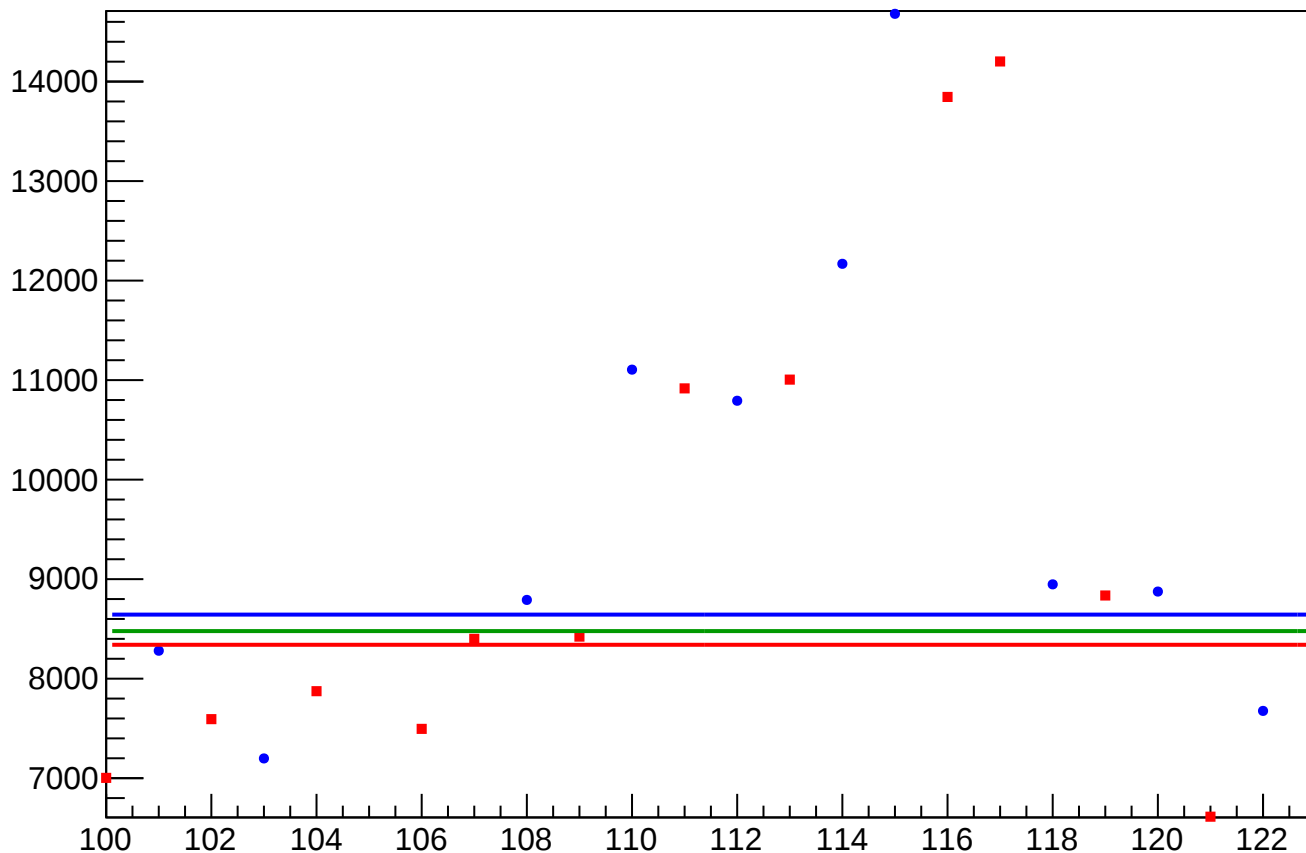
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-6.497+/-4.494 χ^2 /NDF: 8.8/10

-6.151+/-3.027 χ^2 /NDF: 24.1/22

-5.863+/-4.095 χ^2 /NDF: 15.3/11

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8643.750 $\pm$ 3.178 χ^2 /NDF: 199887.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8340.473 $\pm$ 2.895 χ^2 /NDF: 274742.9/11

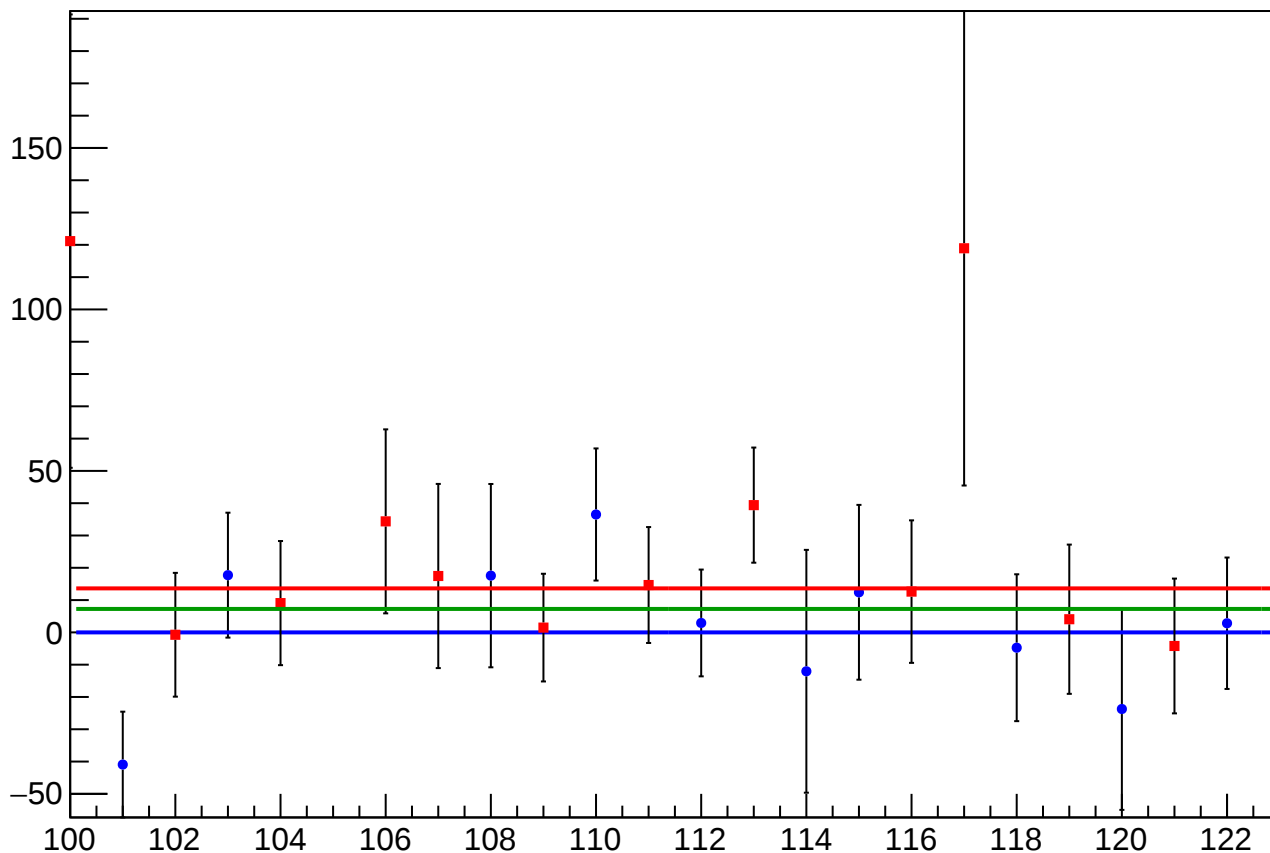
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8643.750 $\pm$ 3.178 χ^2 /NDF: 199887.3/10

8478.051 $\pm$ 2.140 χ^2 /NDF: 479607.2/22

8340.473 $\pm$ 2.895 χ^2 /NDF: 274742.9/11

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.006 ± 6.848 χ^2/NDF : 11.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 13.622 ± 6.408 χ^2/NDF : 9.1/11

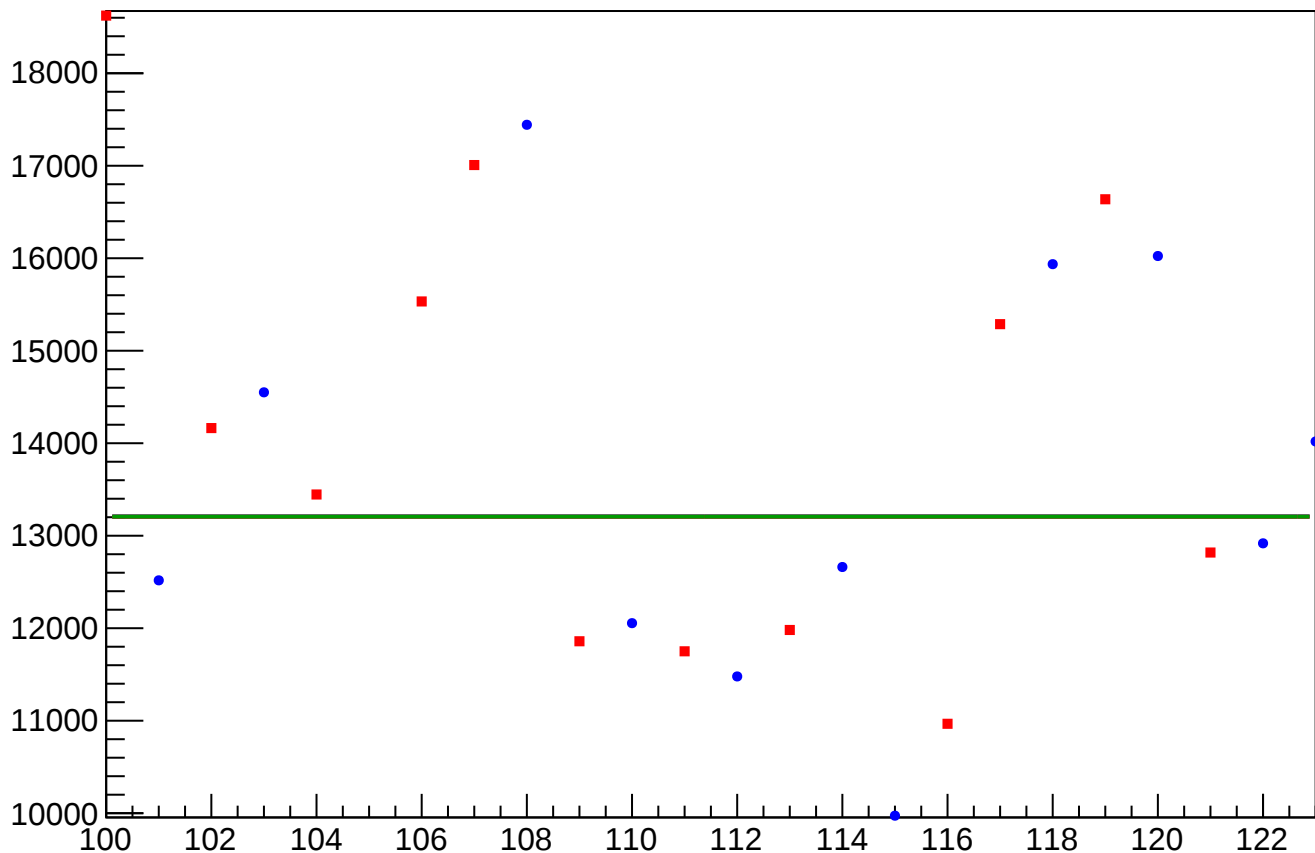
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.006 ± 6.848 χ^2/NDF : 11.7/10

7.260 ± 4.679 χ^2/NDF : 22.9/22

13.622 ± 6.408 χ^2/NDF : 9.1/11

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13207.848+/-4.842 χ^2/NDF : 160644.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13206.082+/-4.531 χ^2/NDF : 168770.0/11

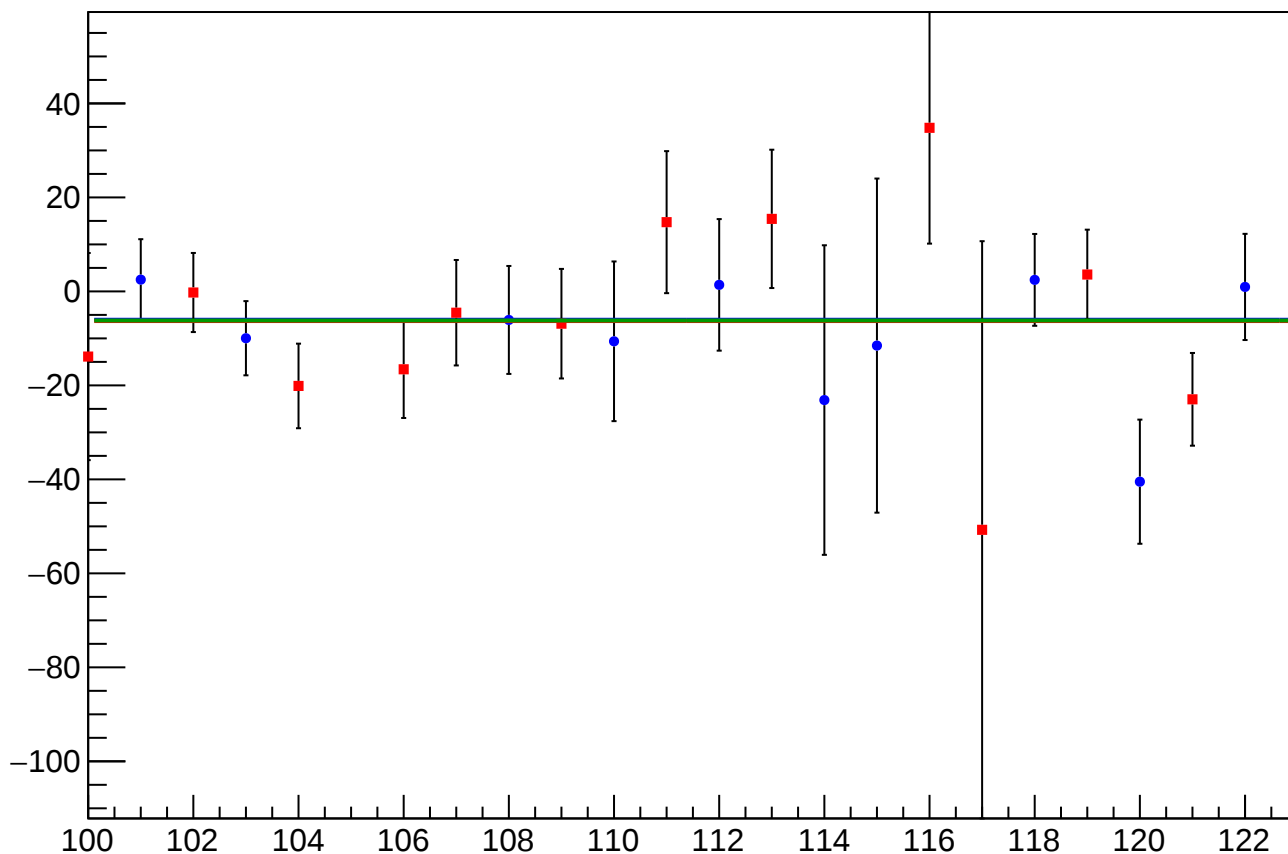
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13207.848+/-4.842 χ^2/NDF : 160644.2/10

13206.907+/-3.309 χ^2/NDF : 329414.3/22

13206.082+/-4.531 χ^2/NDF : 168770.0/11

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -6.036+/-3.726 χ^2/NDF : 9.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.308+/-3.424 χ^2/NDF : 15.4/11

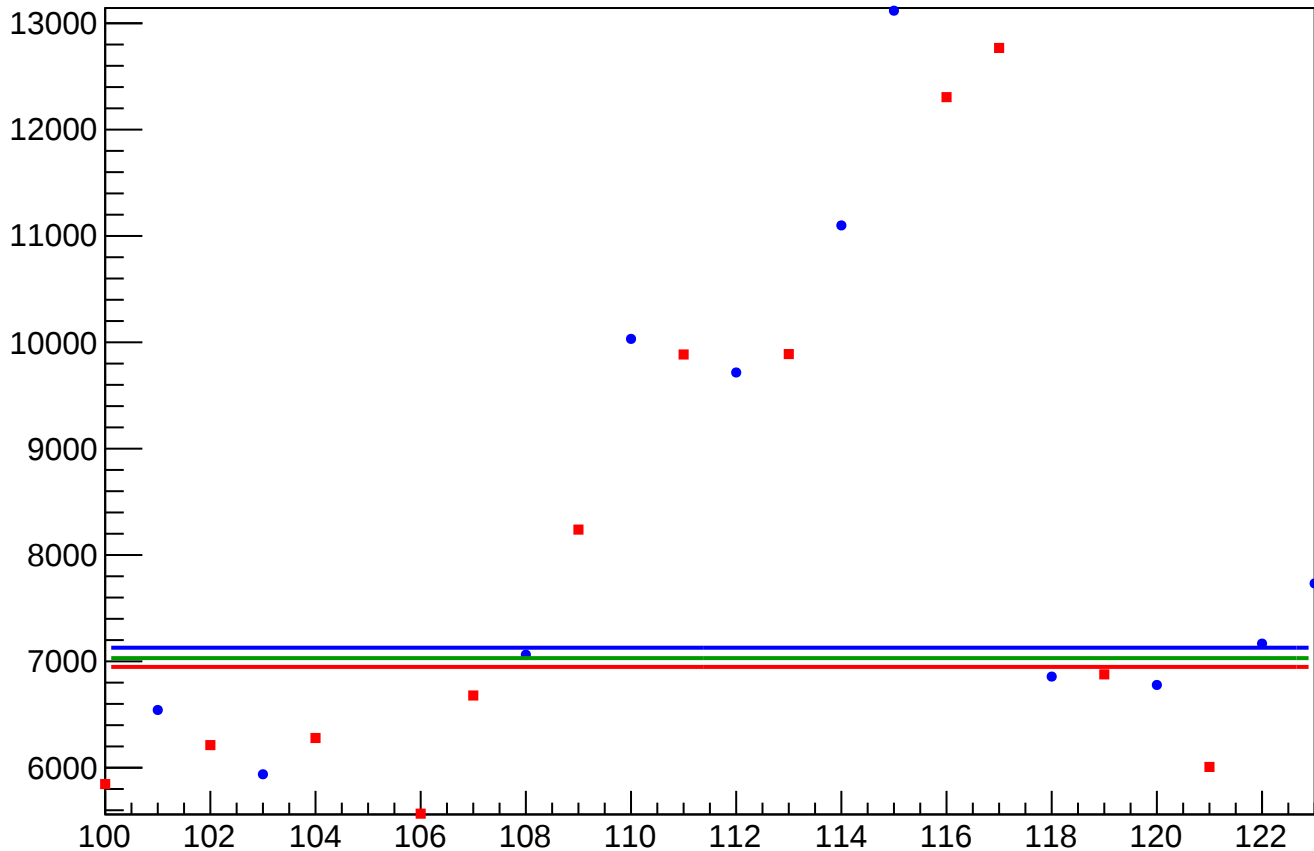
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.036+/-3.726 χ^2/NDF : 9.8/10

-6.184+/-2.521 χ^2/NDF : 25.2/22

-6.308+/-3.424 χ^2/NDF : 15.4/11

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7128.309+/-2.634 χ^2/NDF : 270806.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6947.798+/-2.421 χ^2/NDF : 378681.6/11

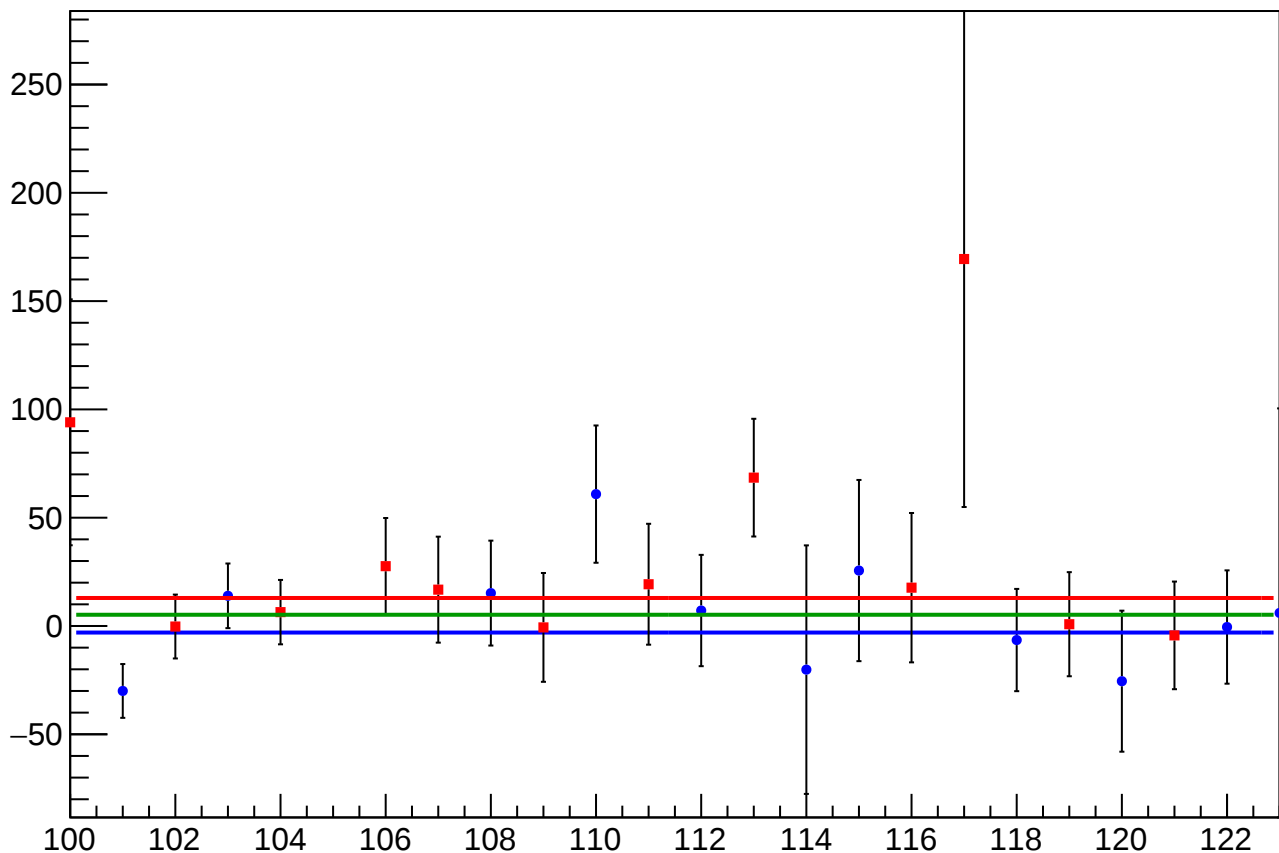
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7128.309+/-2.634 χ^2/NDF : 270806.6/10

7030.462+/-1.783 χ^2/NDF : 652033.4/22

6947.798+/-2.421 χ^2/NDF : 378681.6/11

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -3.029+/-7.006 χ^2/NDF : 11.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.931+/-6.801 χ^2/NDF : 10.6/11

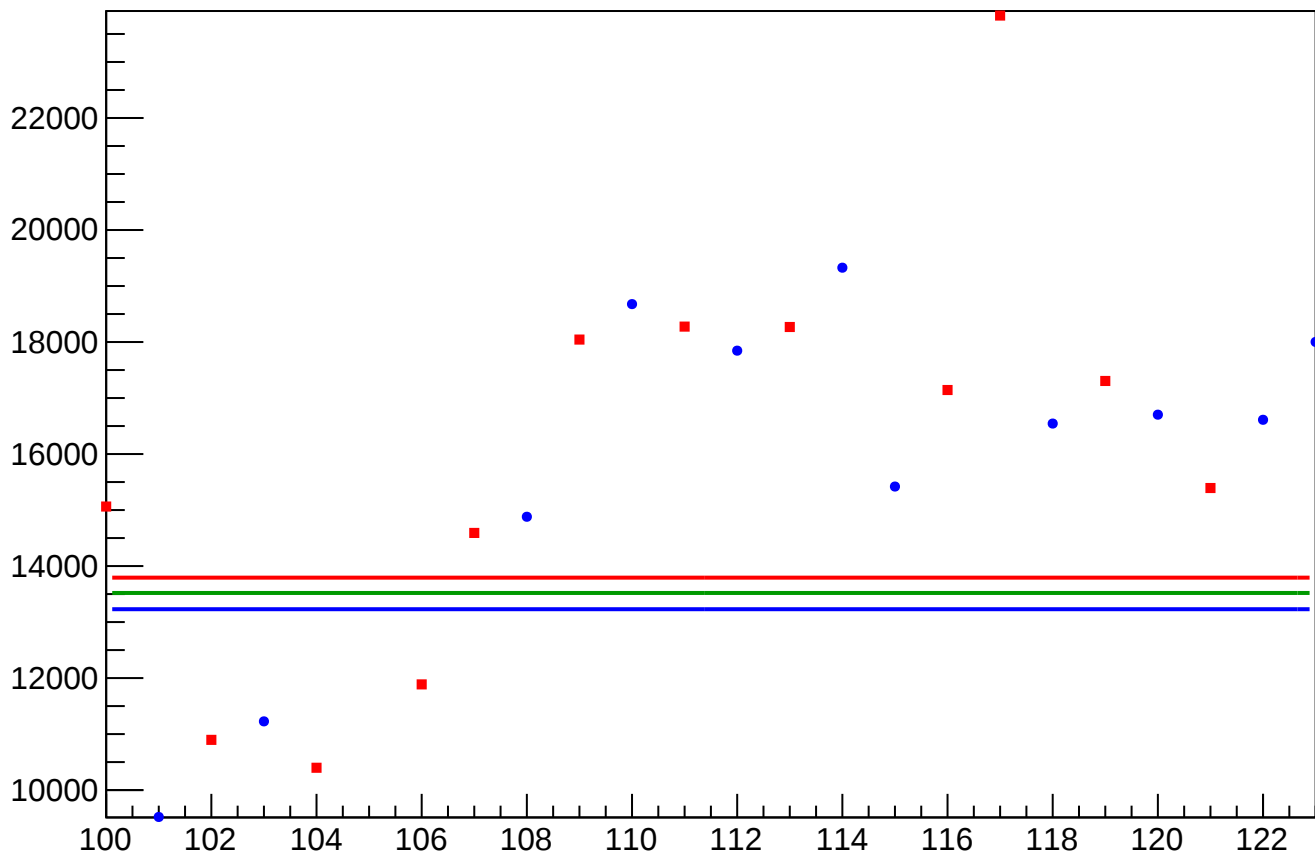
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.029+/-7.006 χ^2/NDF : 11.9/10

5.187+/-4.880 χ^2/NDF : 25.2/22

12.931+/-6.801 χ^2/NDF : 10.6/11

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 13229.455+/-4.954 χ^2/NDF : 476135.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13793.063+/-4.809 χ^2/NDF : 447569.1/11

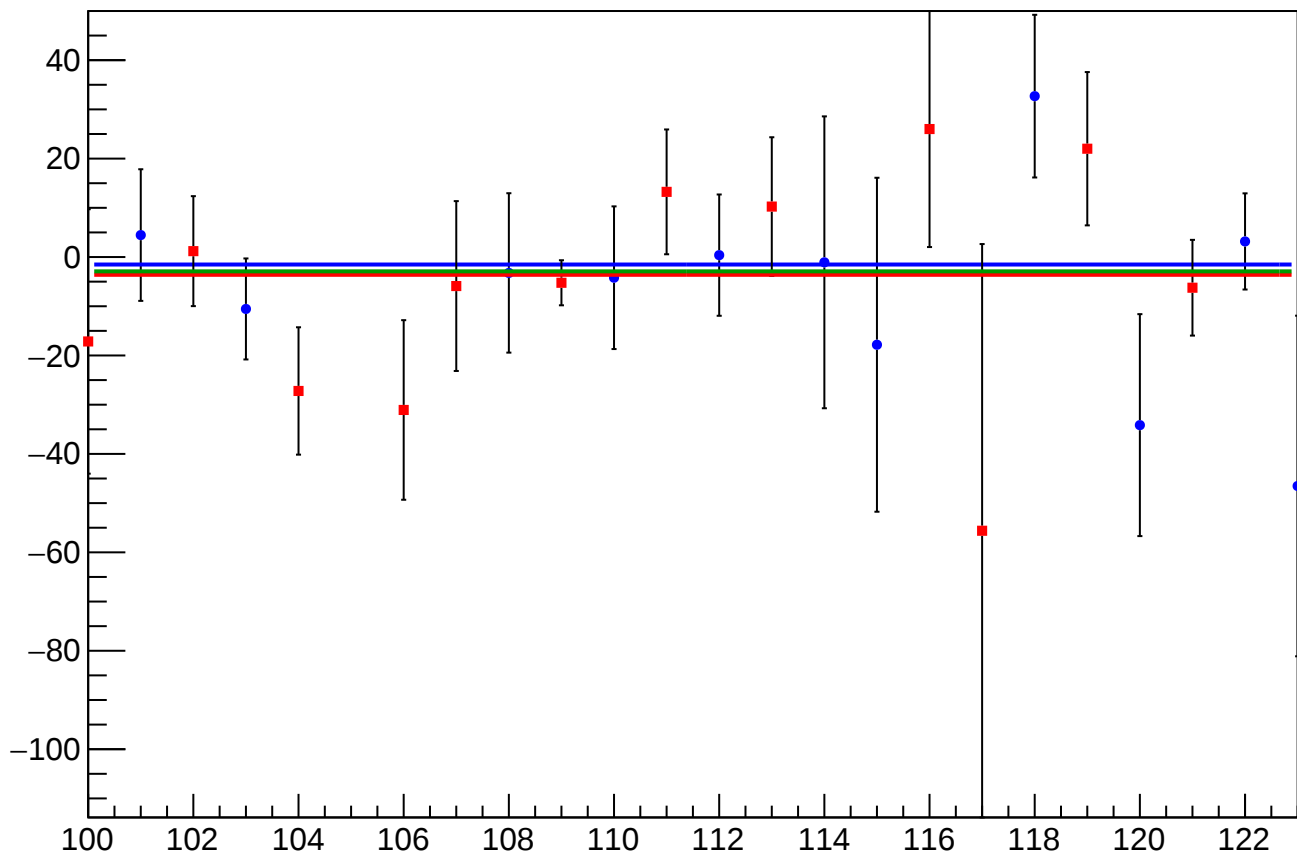
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13229.455+/-4.954 χ^2/NDF : 476135.4/10

13519.596+/-3.451 χ^2/NDF : 930368.1/22

13793.063+/-4.809 χ^2/NDF : 447569.1/11

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: -1.520+/-4.509 χ^2/NDF : 9.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.609+/-3.203 χ^2/NDF : 14.0/11

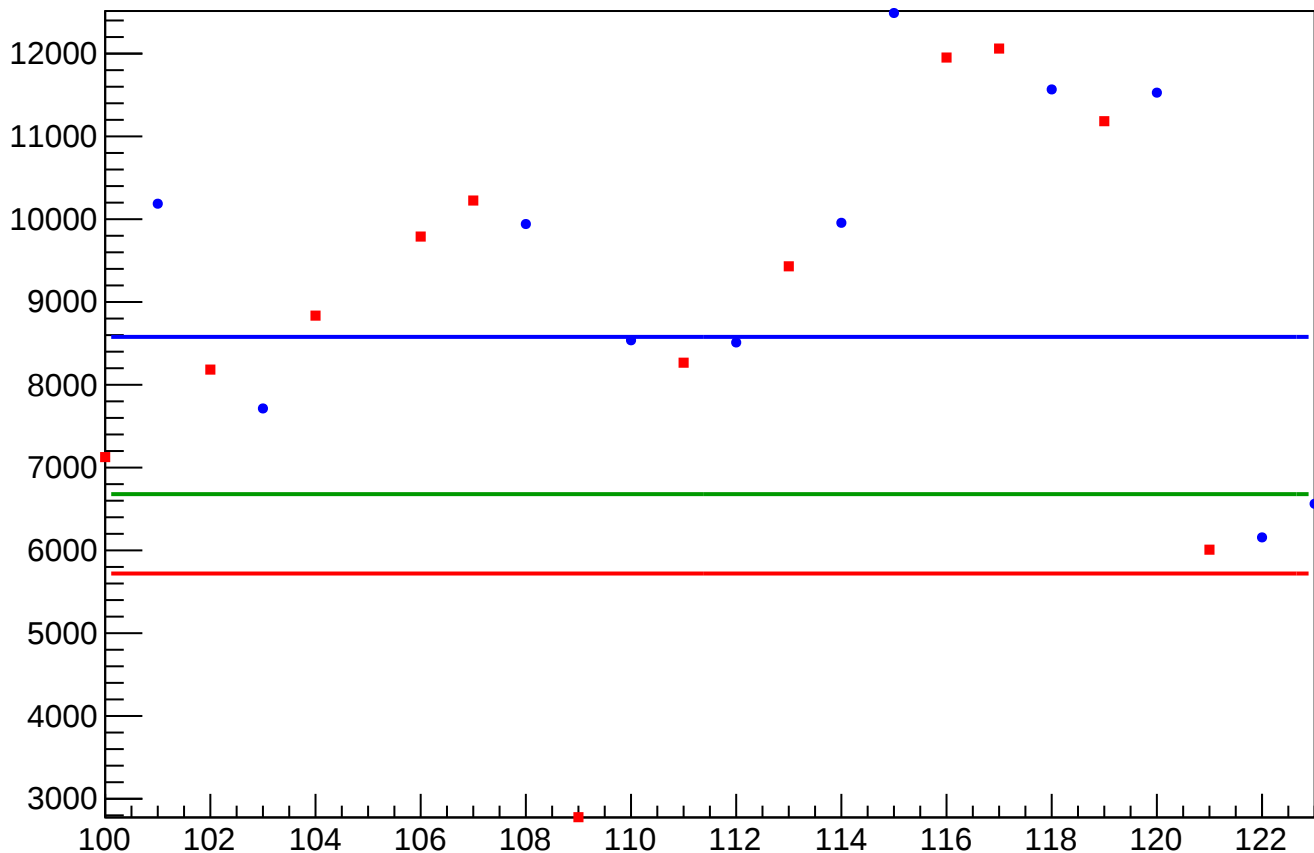
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.520+/-4.509 χ^2/NDF : 9.6/10

-2.908+/-2.611 χ^2/NDF : 23.7/22

-3.609+/-3.203 χ^2/NDF : 14.0/11

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8578.617+/-3.188 χ^2/NDF : 317580.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5720.623+/-2.265 χ^2/NDF : 1907044.5/11

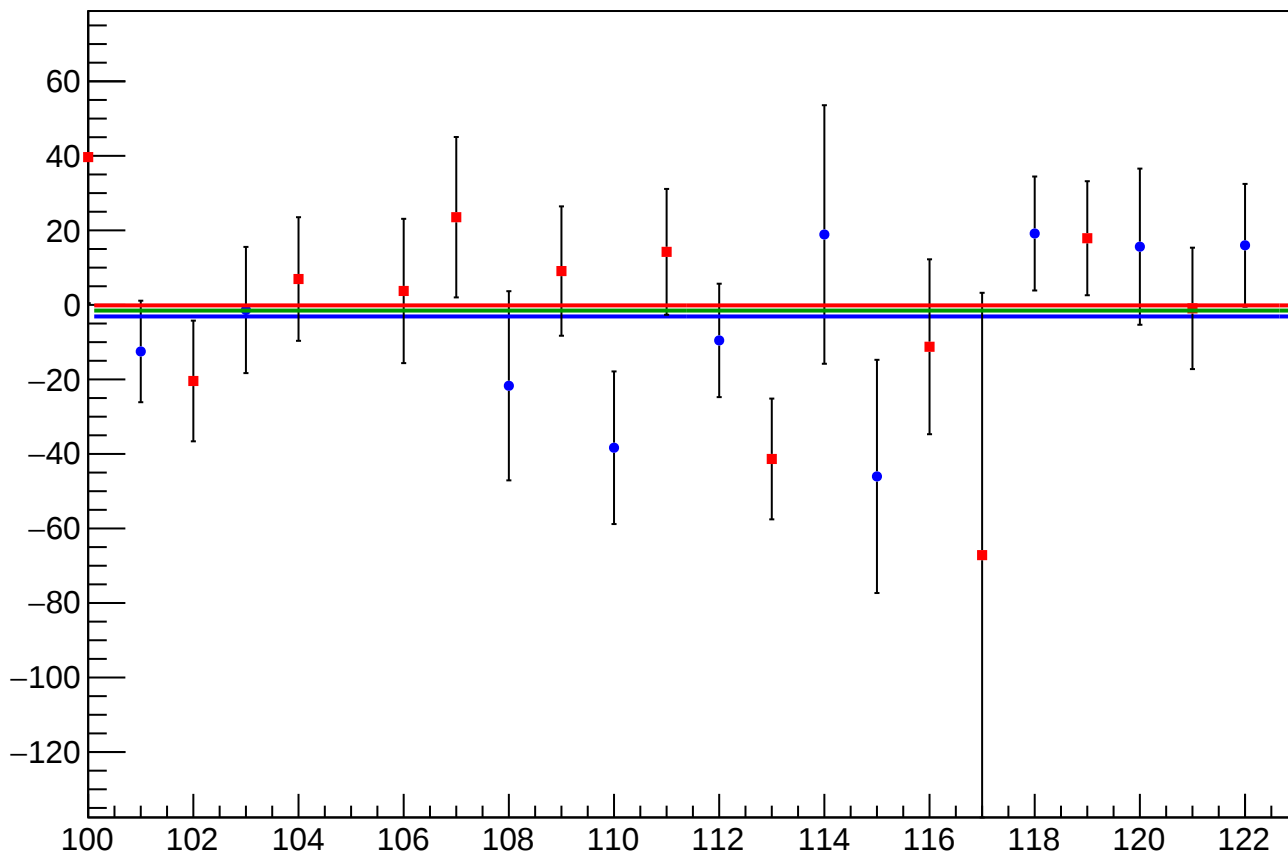
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8578.617+/-3.188 χ^2/NDF : 317580.0/10

6679.425+/-1.847 χ^2/NDF : 2758671.9/22

5720.623+/-2.265 χ^2/NDF : 1907044.5/11

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -3.104 ± 5.822 χ^2/NDF : 10.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.136 ± 5.454 χ^2/NDF : 14.0/11

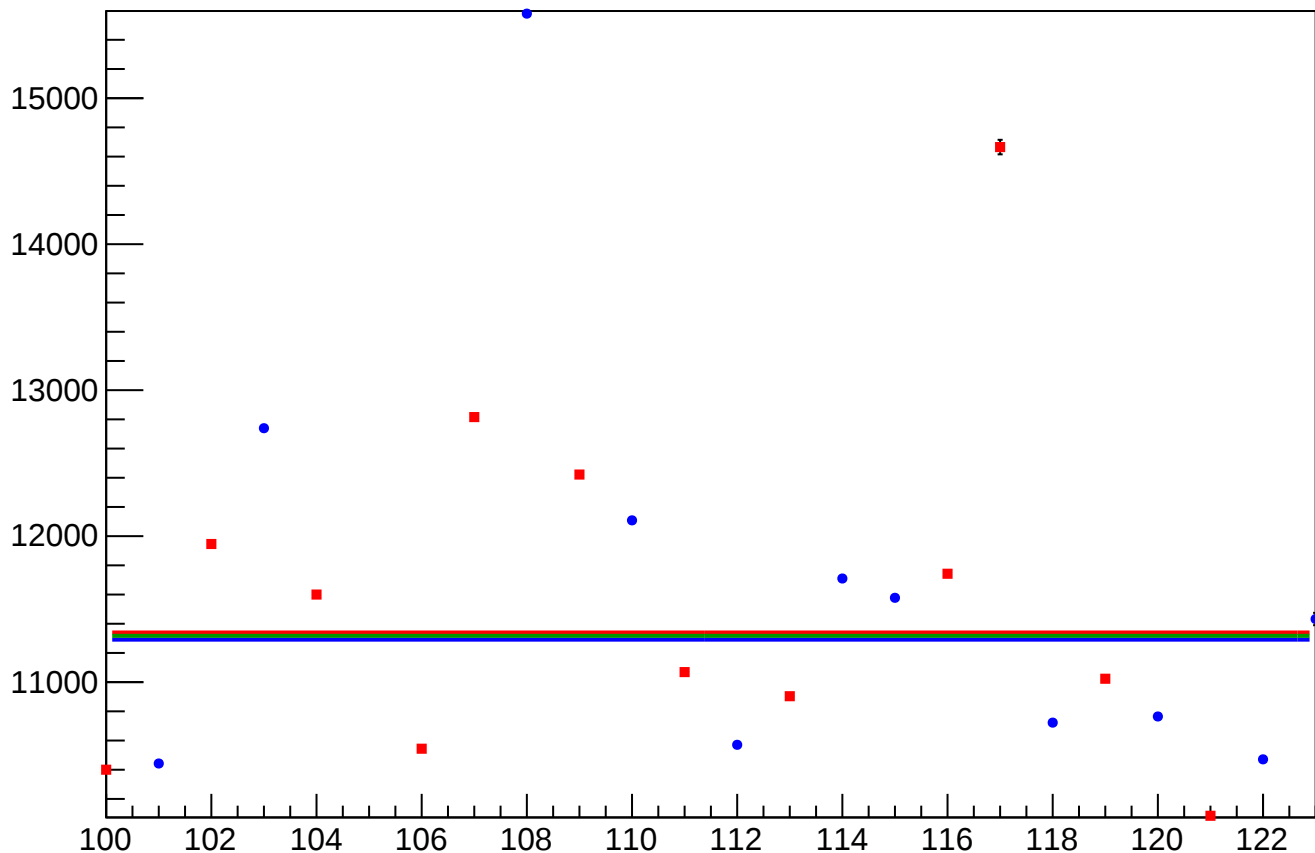
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-3.104 ± 5.822 χ^2/NDF : 10.7/10

-1.523 ± 3.980 χ^2/NDF : 24.9/22

-0.136 ± 5.454 χ^2/NDF : 14.0/11

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11291.072+/-4.117 χ^2/NDF : 96583.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11340.135+/-3.857 χ^2/NDF : 44746.4/11

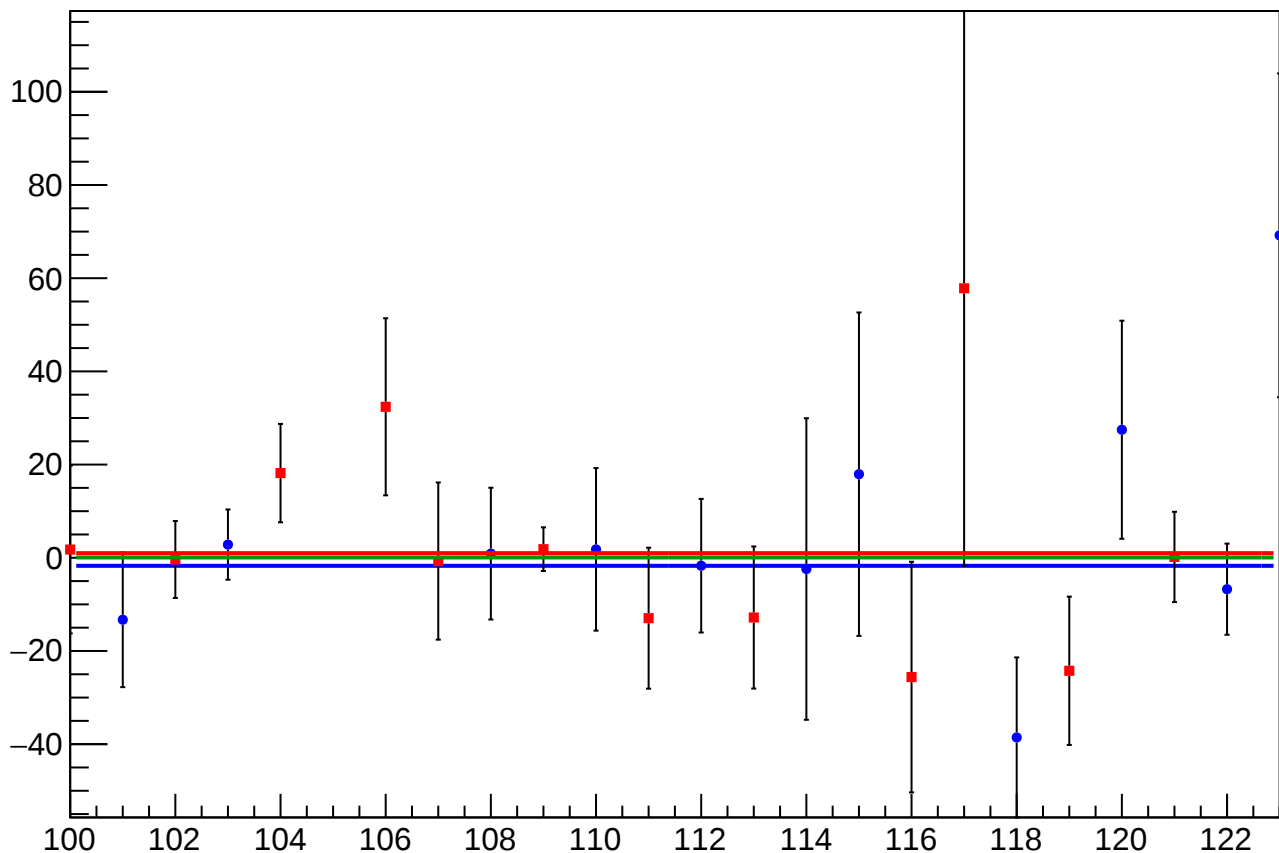
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11291.072+/-4.117 χ^2/NDF : 96583.9/10

11317.202+/-2.815 χ^2/NDF : 141406.0/22

11340.135+/-3.857 χ^2/NDF : 44746.4/11

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -1.723+/-4.311 χ^2/NDF : 12.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.995+/-3.106 χ^2/NDF : 11.7/11

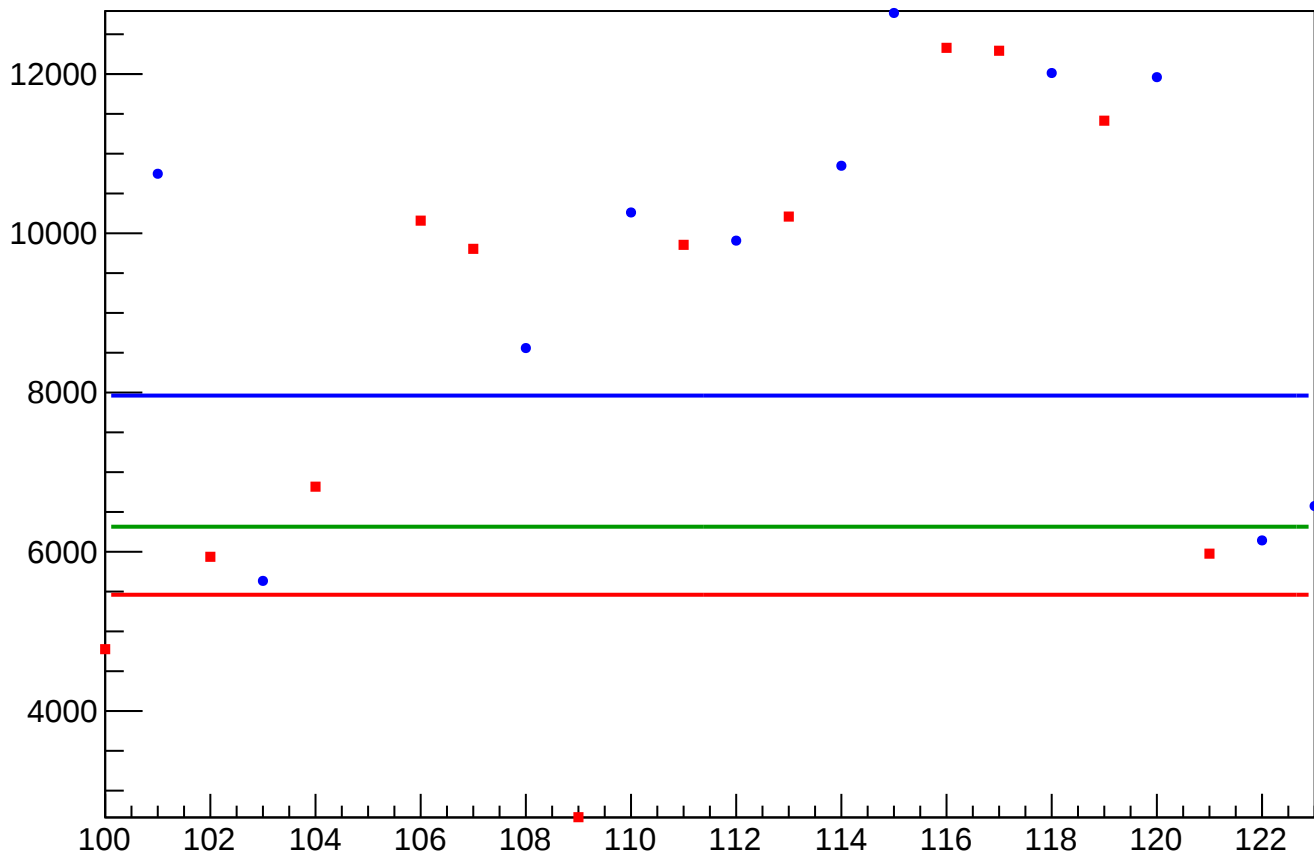
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.723+/-4.311 χ^2/NDF : 12.0/10

0.066+/-2.520 χ^2/NDF : 24.0/22

0.995+/-3.106 χ^2/NDF : 11.7/11

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 7961.875+/-3.048 χ^2/NDF : 636303.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5460.264+/-2.196 χ^2/NDF : 1837059.7/11

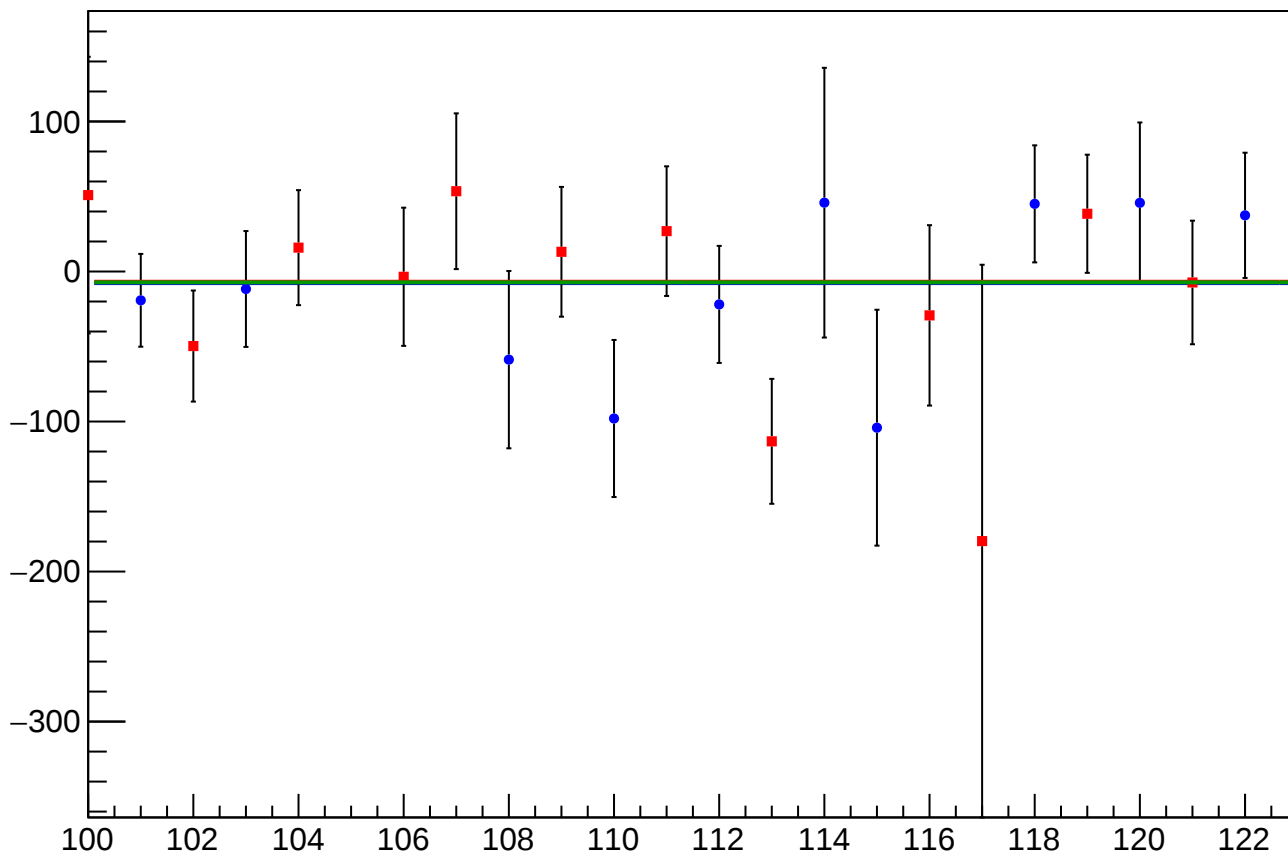
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7961.875+/-3.048 χ^2/NDF : 636303.1/10

6314.911+/-1.782 χ^2/NDF : 2916728.2/22

5460.264+/-2.196 χ^2/NDF : 1837059.7/11

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -7.714+/-14.239 χ^2/NDF : 9.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.832+/-13.413 χ^2/NDF : 13.1/11

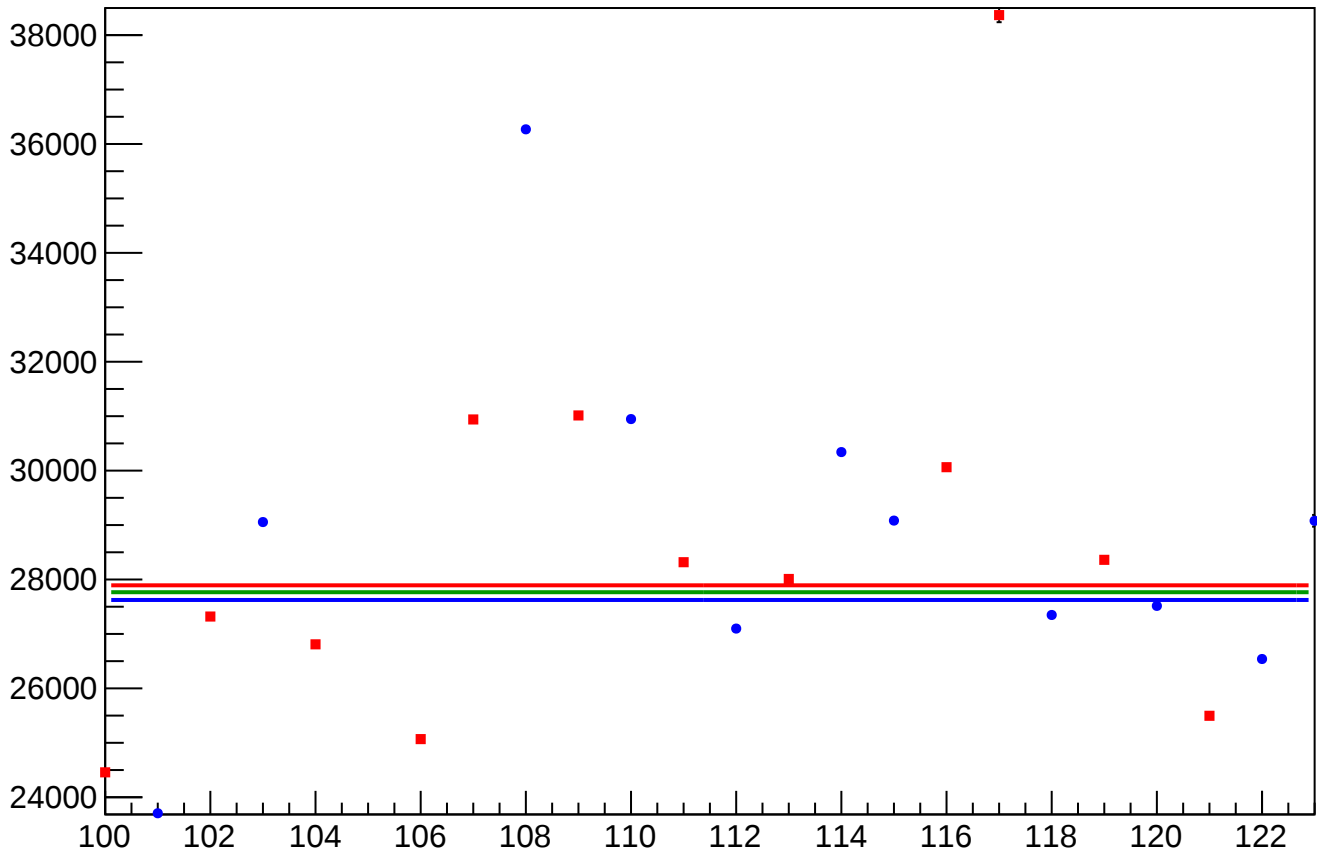
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-7.714+/-14.239 χ^2/NDF : 9.9/10

-7.247+/-9.764 χ^2/NDF : 23.0/22

-6.832+/-13.413 χ^2/NDF : 13.1/11

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 27623.829+/-10.069 χ^2/NDF : 90211.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27893.077+/-9.485 χ^2/NDF : 46013.8/11

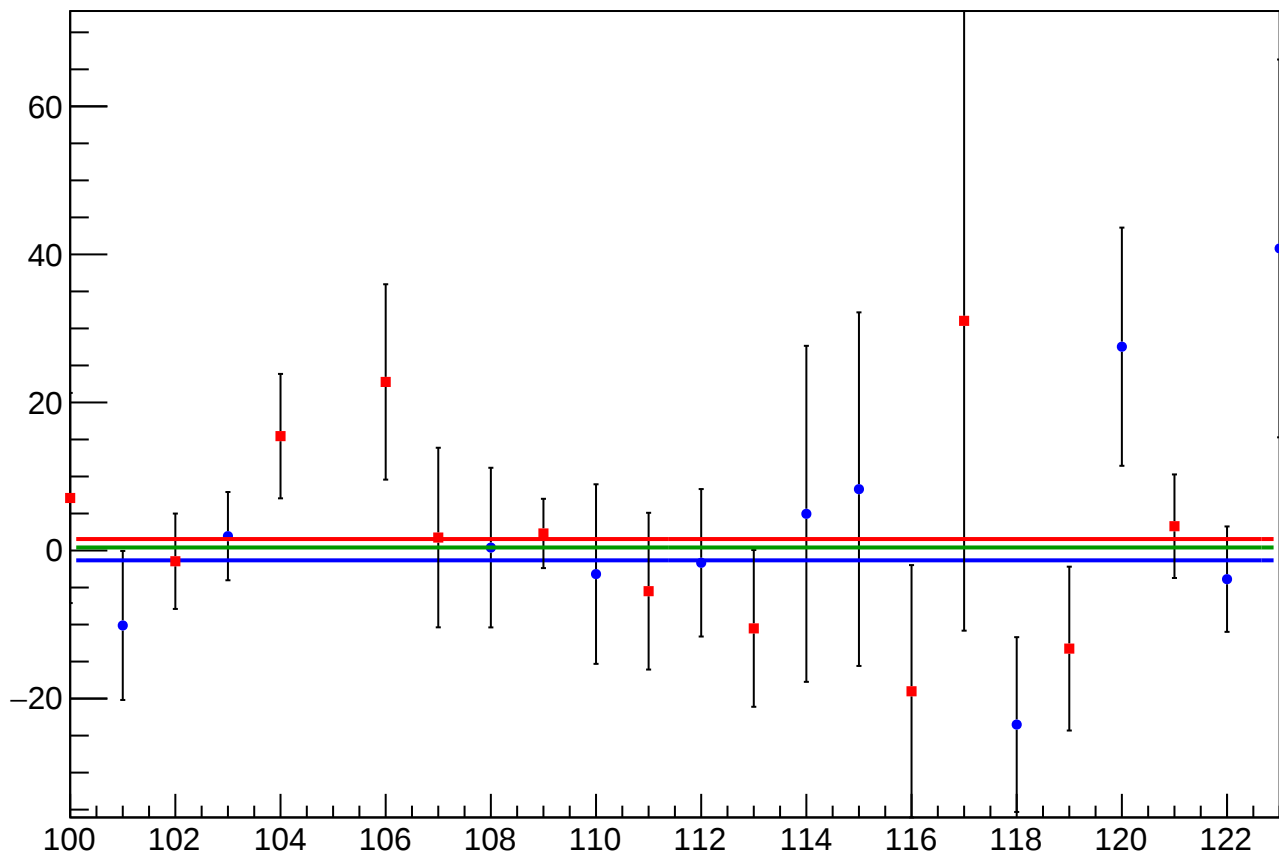
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27623.829+/-10.069 χ^2/NDF : 90211.8/10

27766.486+/-6.904 χ^2/NDF : 136604.5/22

27893.077+/-9.485 χ^2/NDF : 46013.8/11

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -1.326+/-3.171 χ^2/NDF : 11.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.551+/-2.566 χ^2/NDF : 11.3/11

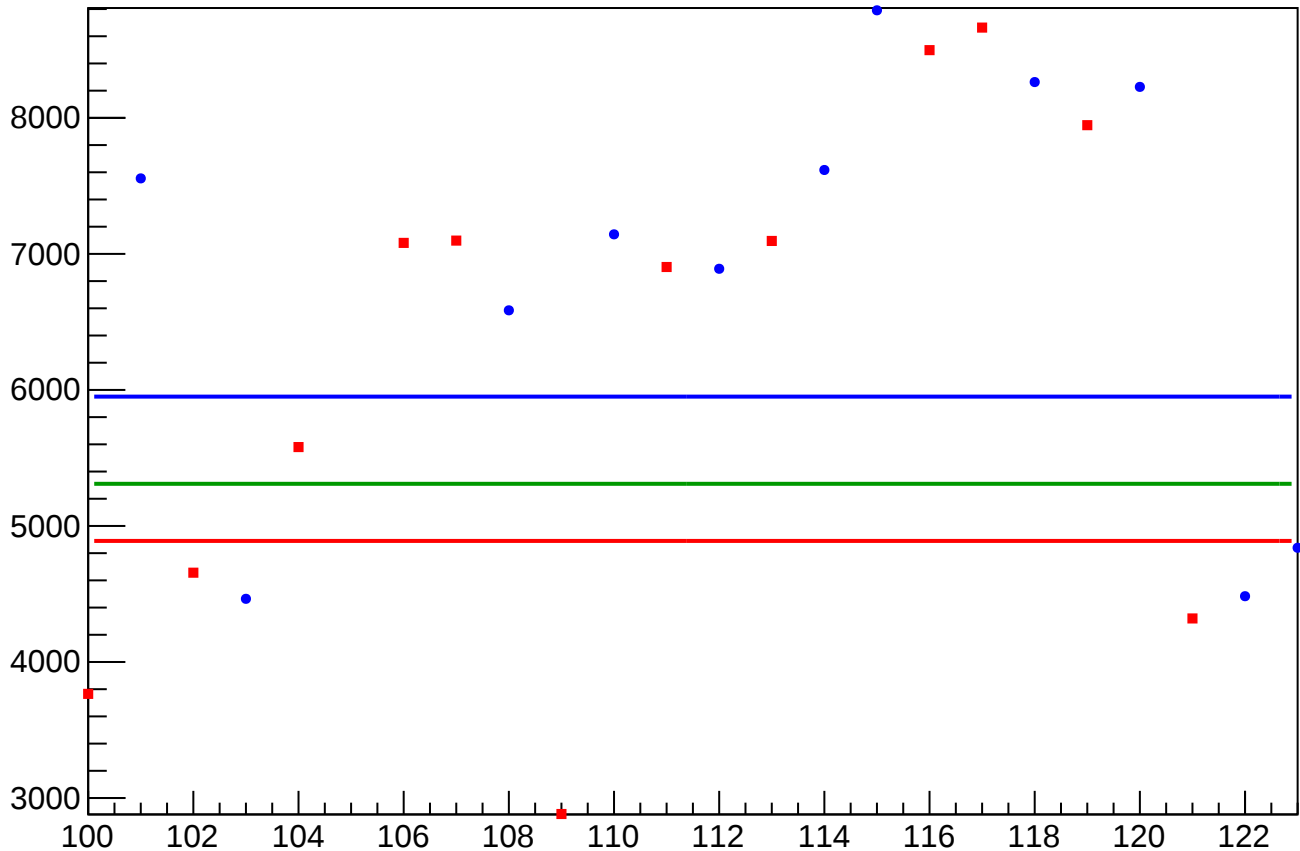
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.326+/-3.171 χ^2/NDF : 11.0/10

0.412+/-1.995 χ^2/NDF : 22.7/22

1.551+/-2.566 χ^2/NDF : 11.3/11

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5950.864+/-2.242 χ^2/NDF : 463791.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4889.985+/-1.814 χ^2/NDF : 948839.8/11

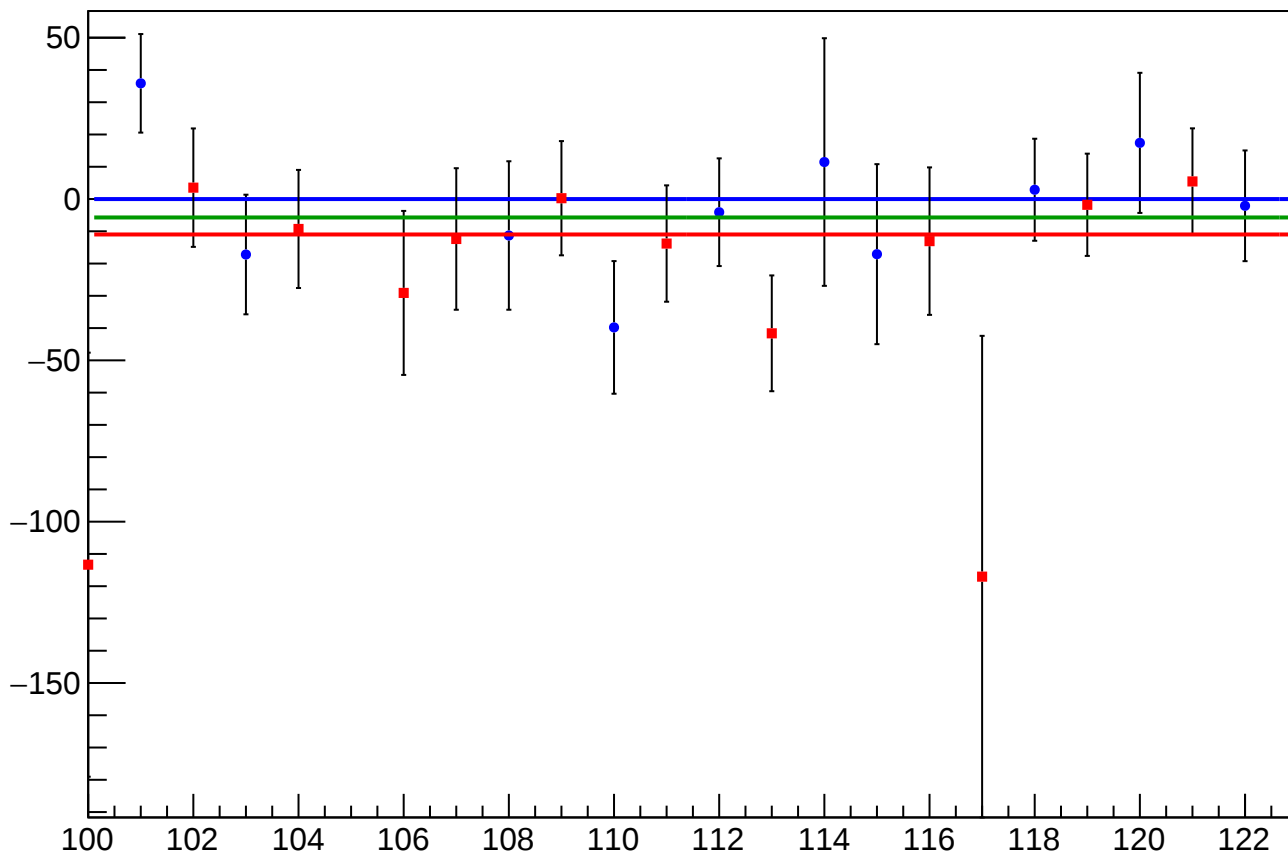
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5950.864+/-2.242 χ^2/NDF : 463791.4/10

5309.866+/-1.410 χ^2/NDF : 1547930.1/22

4889.985+/-1.814 χ^2/NDF : 948839.8/11

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.013+/-6.110 χ^2/NDF : 11.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.987+/-5.877 χ^2/NDF : 10.3/11

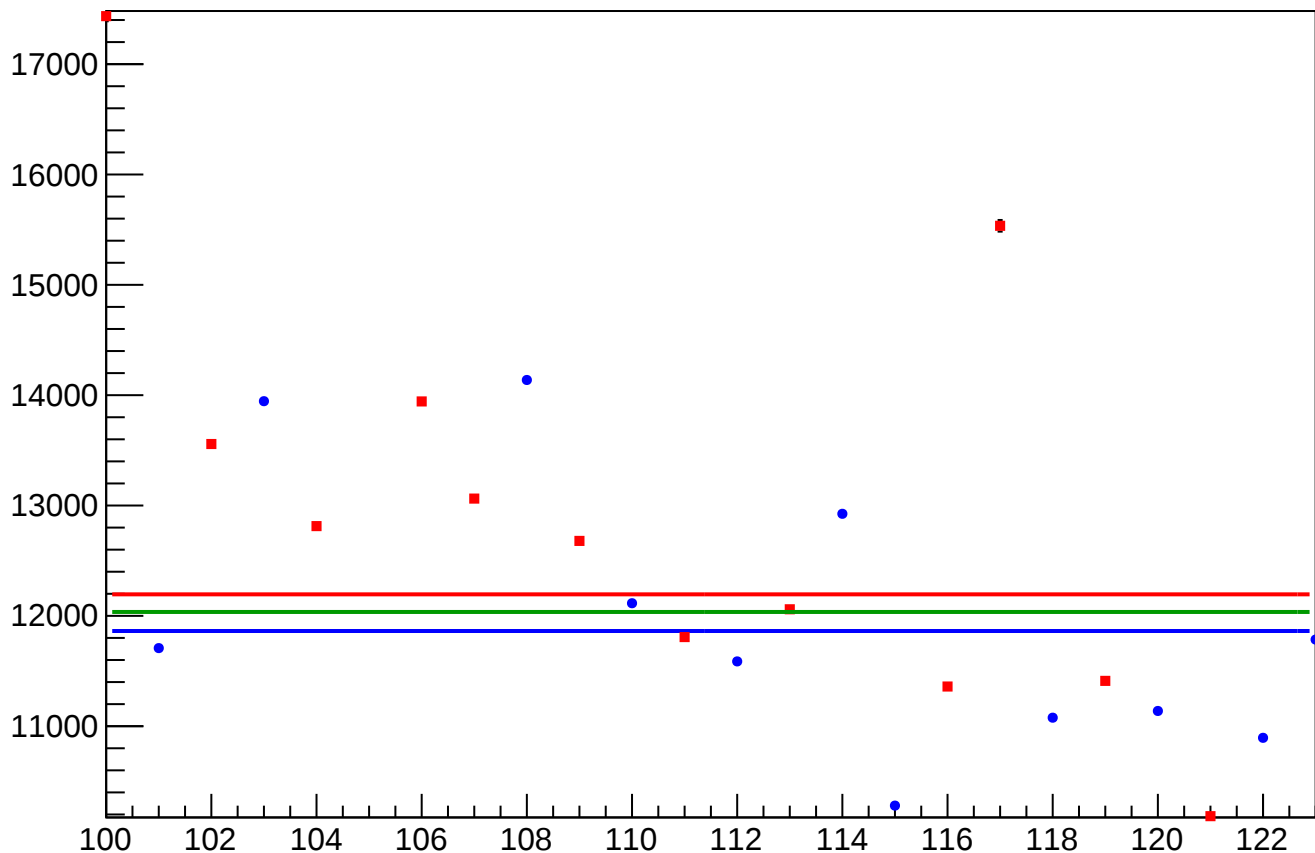
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.013+/-6.110 χ^2/NDF : 11.6/10

-5.714+/-4.235 χ^2/NDF : 23.5/22

-10.987+/-5.877 χ^2/NDF : 10.3/11

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 11862.766+/-4.320 χ^2/NDF : 67358.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12194.991+/-4.155 χ^2/NDF : 82584.2/11

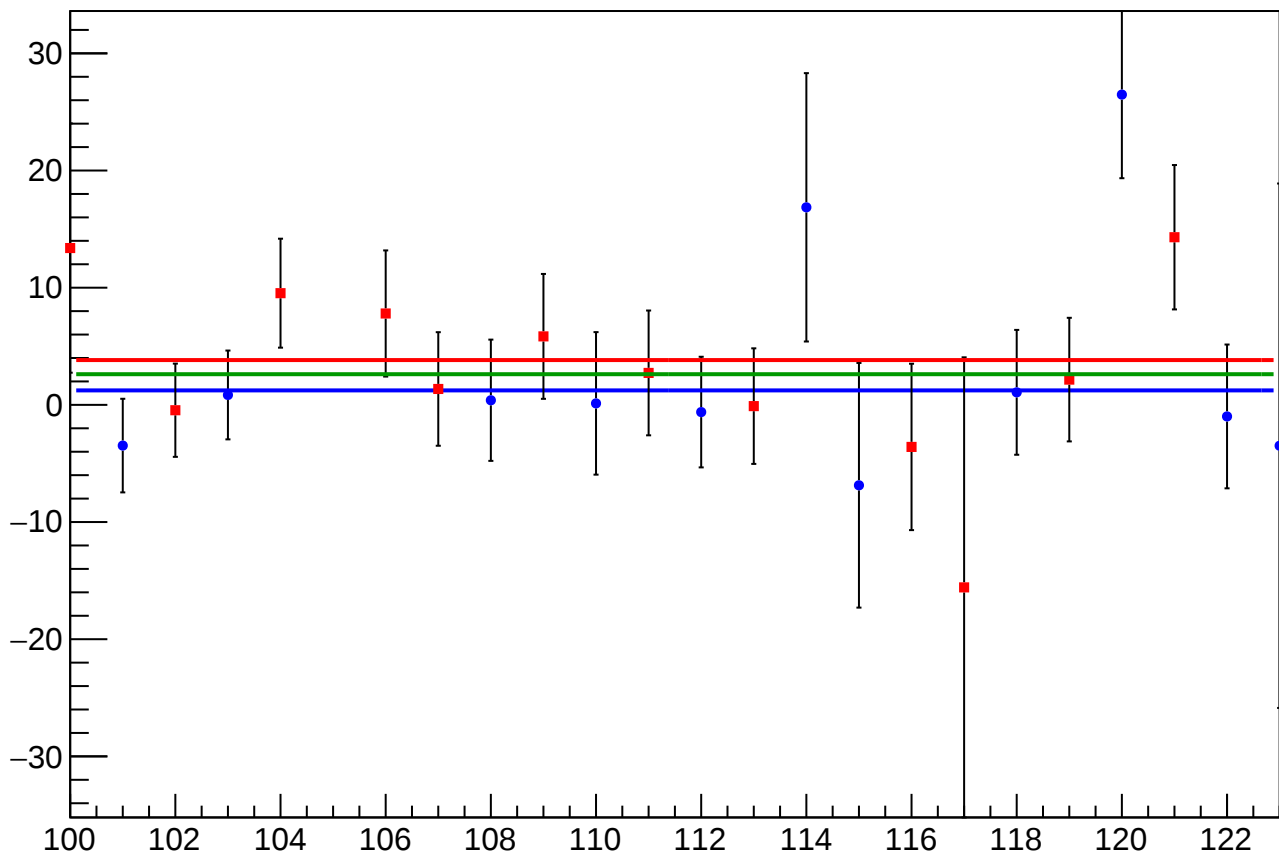
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11862.766+/-4.320 χ^2/NDF : 67358.6/10

12035.337+/-2.995 χ^2/NDF : 153014.5/22

12194.991+/-4.155 χ^2/NDF : 82584.2/11

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 1.234+/-1.711 χ^2/NDF : 16.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.823+/-1.598 χ^2/NDF : 10.2/11

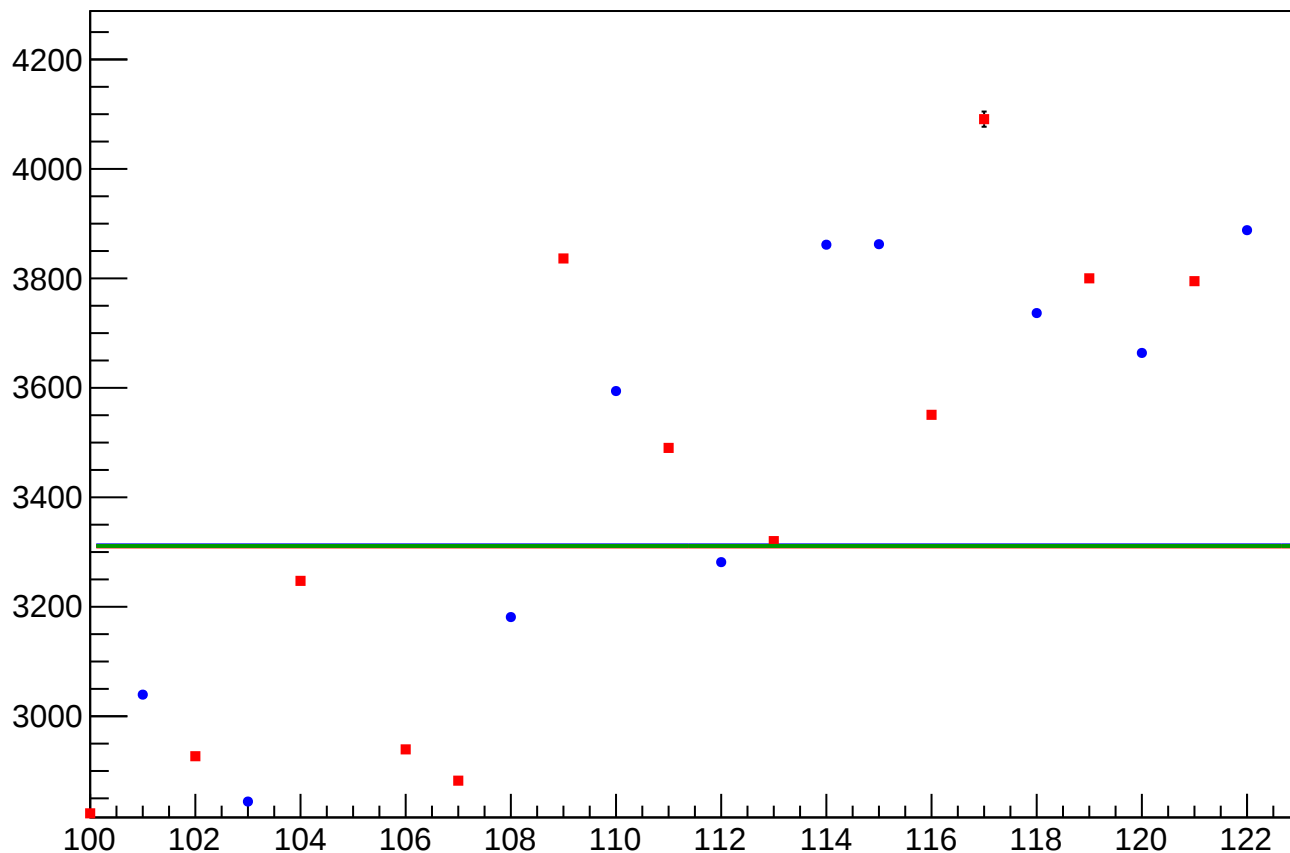
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.234+/-1.711 χ^2/NDF : 16.8/10

2.617+/-1.168 χ^2/NDF : 28.2/22

3.823+/-1.598 χ^2/NDF : 10.2/11

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3312.179+/-1.210 χ^2/NDF : 94493.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3310.238+/-1.130 χ^2/NDF : 105086.2/11

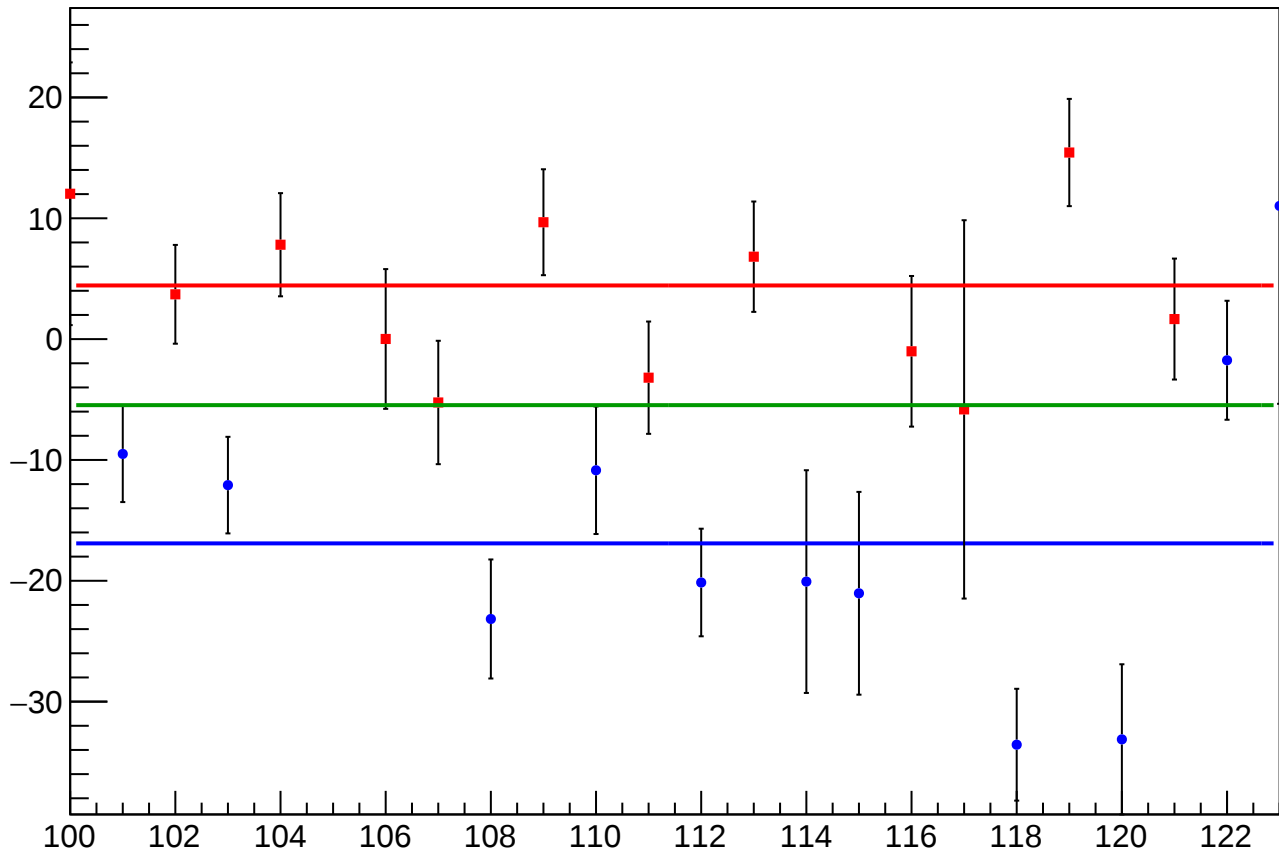
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3312.179+/-1.210 χ^2/NDF : 94493.4/10

3311.142+/-0.826 χ^2/NDF : 199581.0/22

3310.238+/-1.130 χ^2/NDF : 105086.2/11

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -16.905 $\pm$ 1.588 χ^2 /NDF: 40.9/10

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

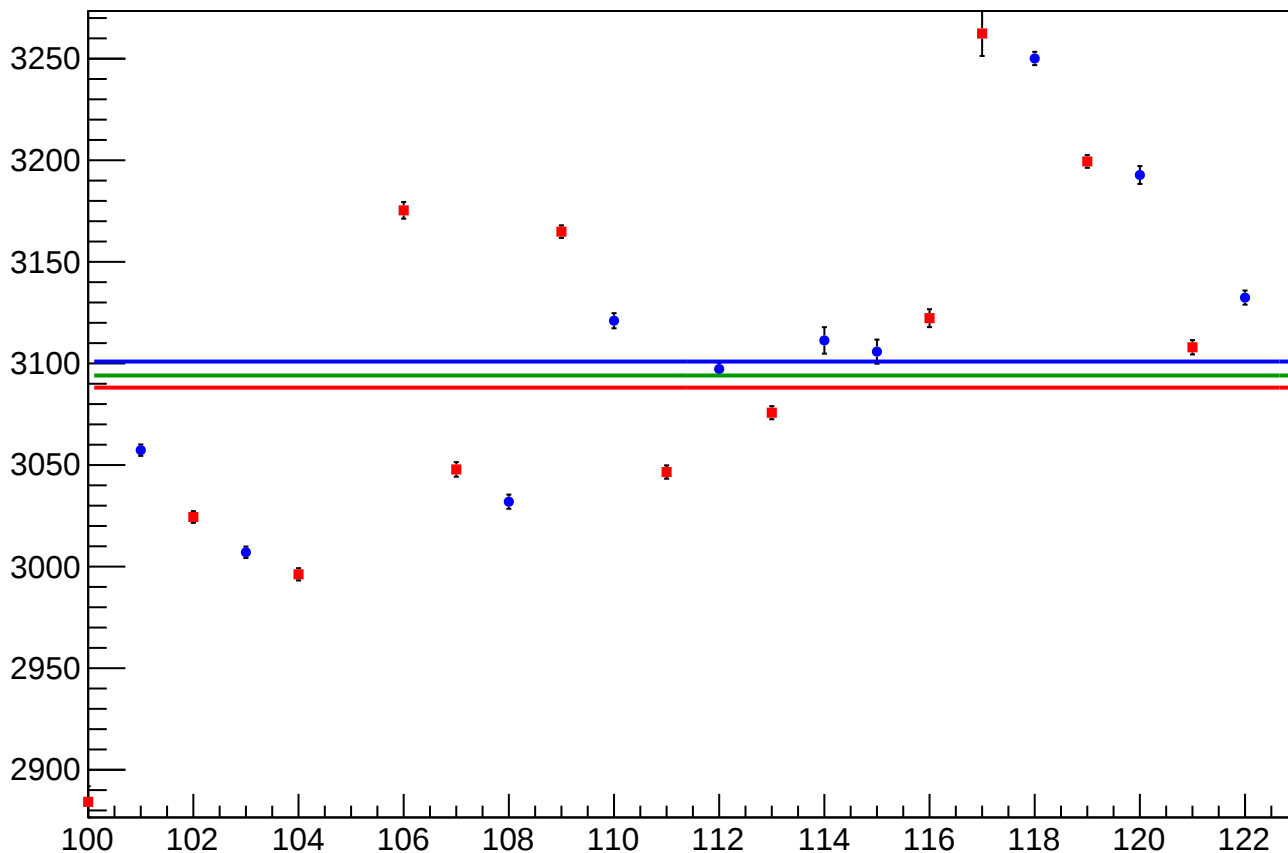
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-16.905 $\pm$ 1.588 χ^2 /NDF: 40.9/10

-5.464 $\pm$ 1.081 χ^2 /NDF: 155.1/22

4.441 $\pm$ 1.477 χ^2 /NDF: 17.4/11

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3100.937 $\pm$ 1.123 χ^2 /NDF: 4371.5/10

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

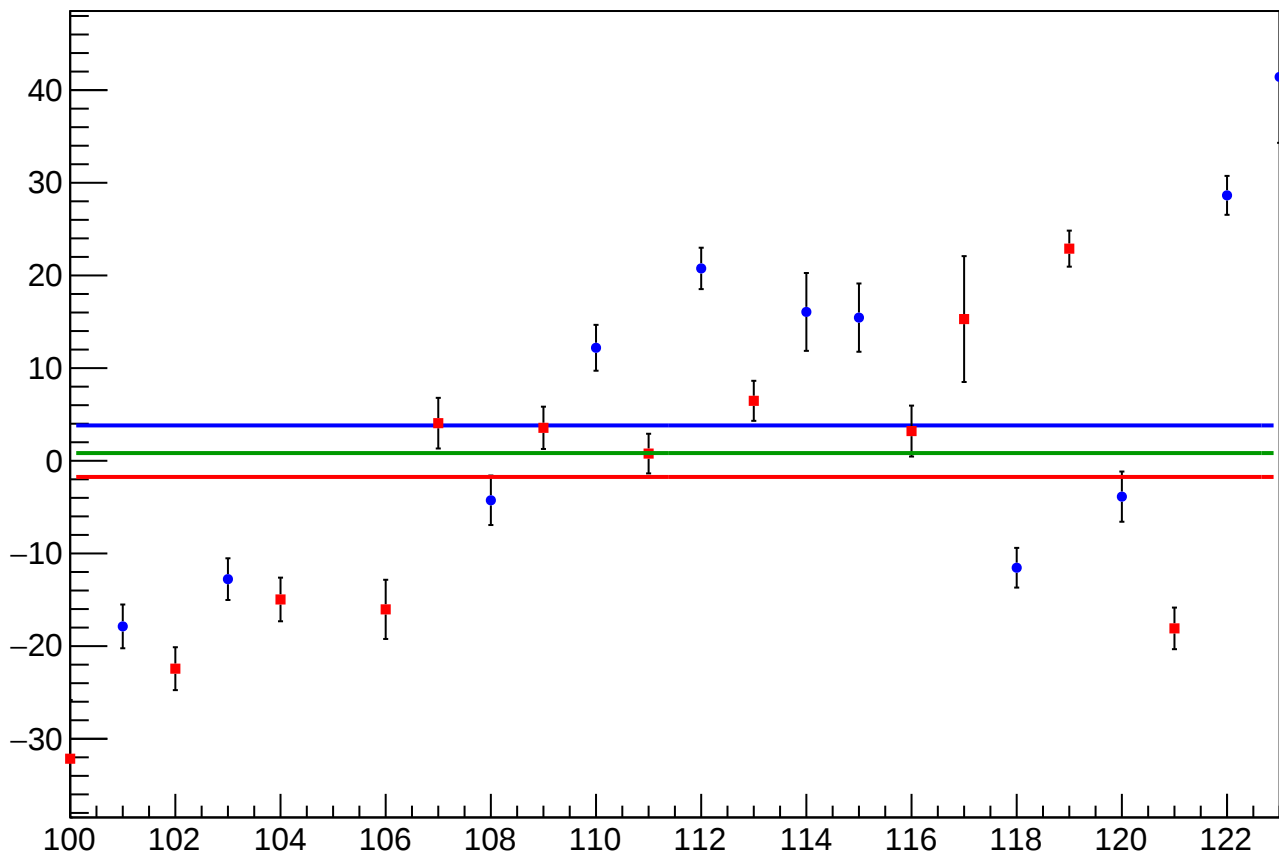
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3100.937 $\pm$ 1.123 χ^2 /NDF: 4371.5/10

3094.061 $\pm$ 0.765 χ^2 /NDF: 9522.9/22

3088.108 $\pm$ 1.045 χ^2 /NDF: 5081.4/11

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 3.816+/-0.788 χ^2/NDF : 462.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.744+/-0.732 χ^2/NDF : 403.2/11

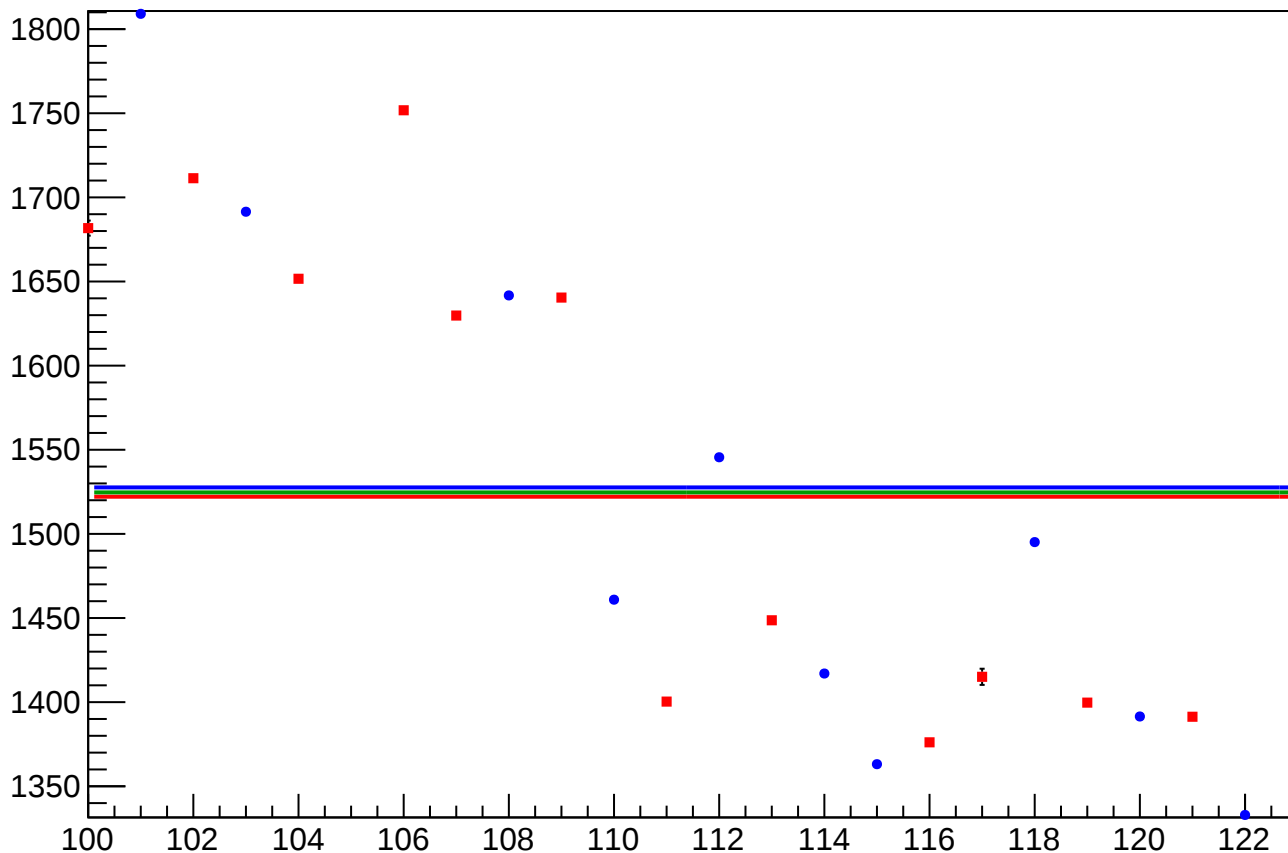
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.816+/-0.788 χ^2/NDF : 462.5/10

0.833+/-0.536 χ^2/NDF : 892.5/22

-1.744+/-0.732 χ^2/NDF : 403.2/11

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1527.621+/-0.557 χ^2/NDF : 73470.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1522.106+/-0.518 χ^2/NDF : 69167.0/11

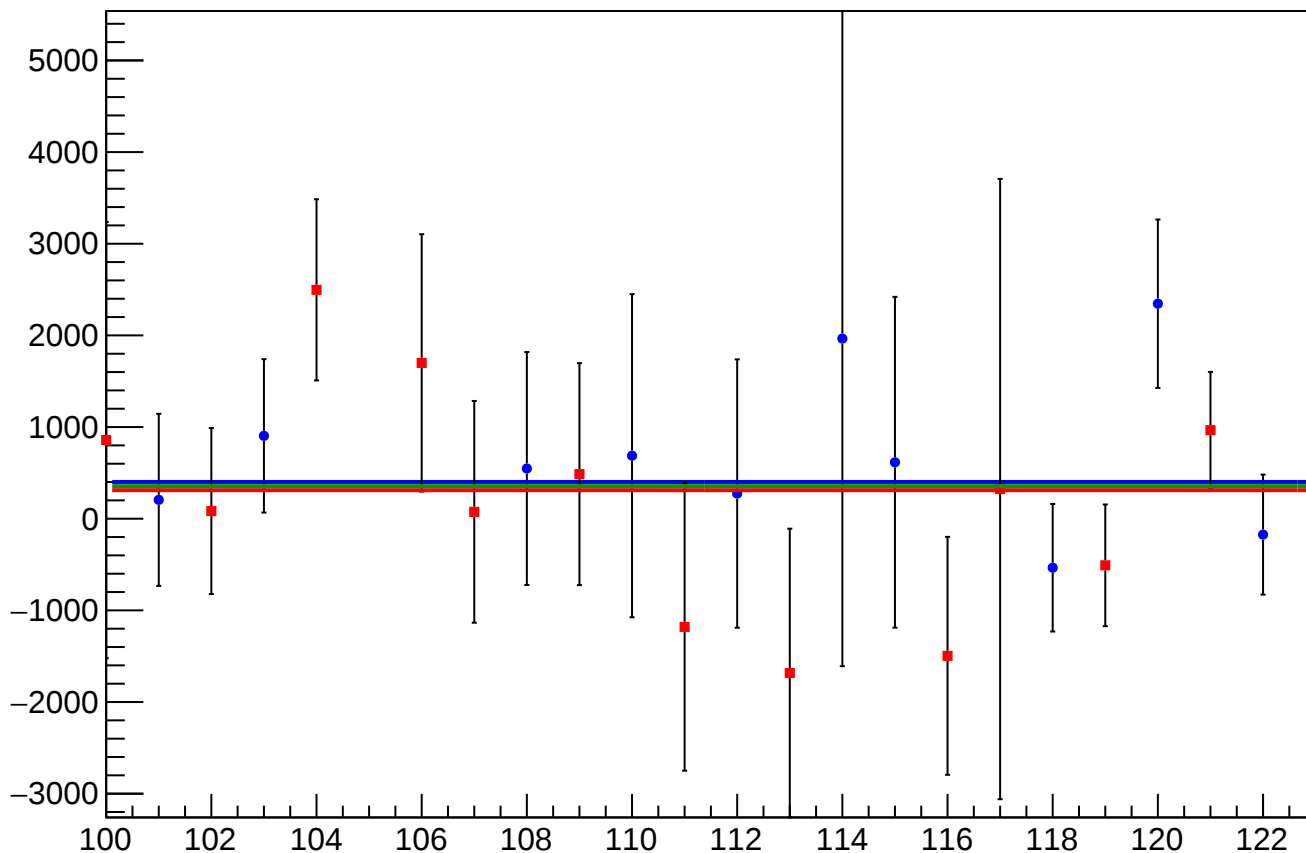
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1527.621+/-0.557 χ^2/NDF : 73470.8/10

1524.663+/-0.379 χ^2/NDF : 142690.5/22

1522.106+/-0.518 χ^2/NDF : 69167.0/11

asym_sam1_mean vs Slug, Sign Corrected



Right In: 400.964+/-314.129 χ^2/NDF : 7.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 311.325+/-308.175 χ^2/NDF : 13.1/11

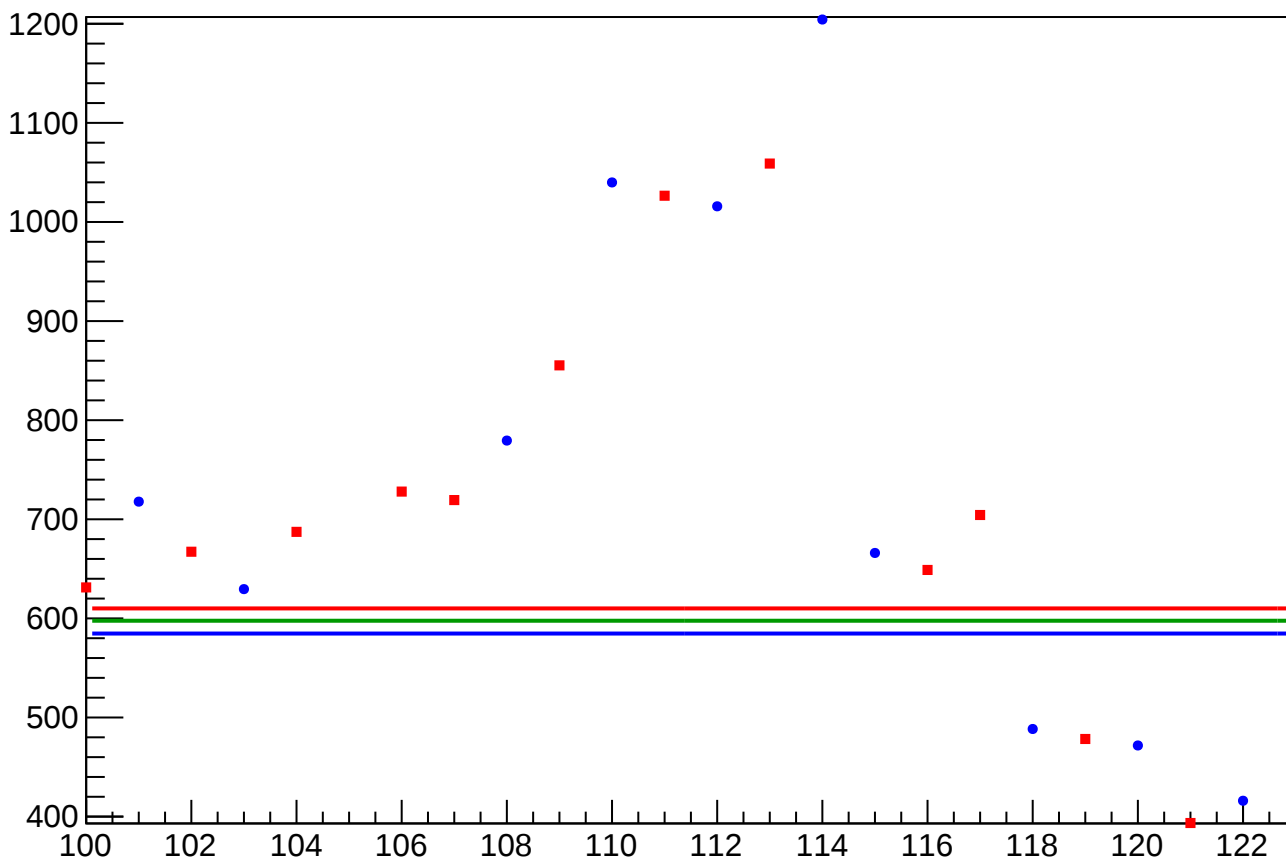
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

400.964+/-314.129 χ^2/NDF : 7.8/10

355.287+/-219.987 χ^2/NDF : 21.0/22

311.325+/-308.175 χ^2/NDF : 13.1/11

asym_sam1_rms vs Slug, Sign Corrected



Right In: 584.712+/-0.222 χ^2/NDF : 674728.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 610.062+/-0.218 χ^2/NDF : 750575.6/11

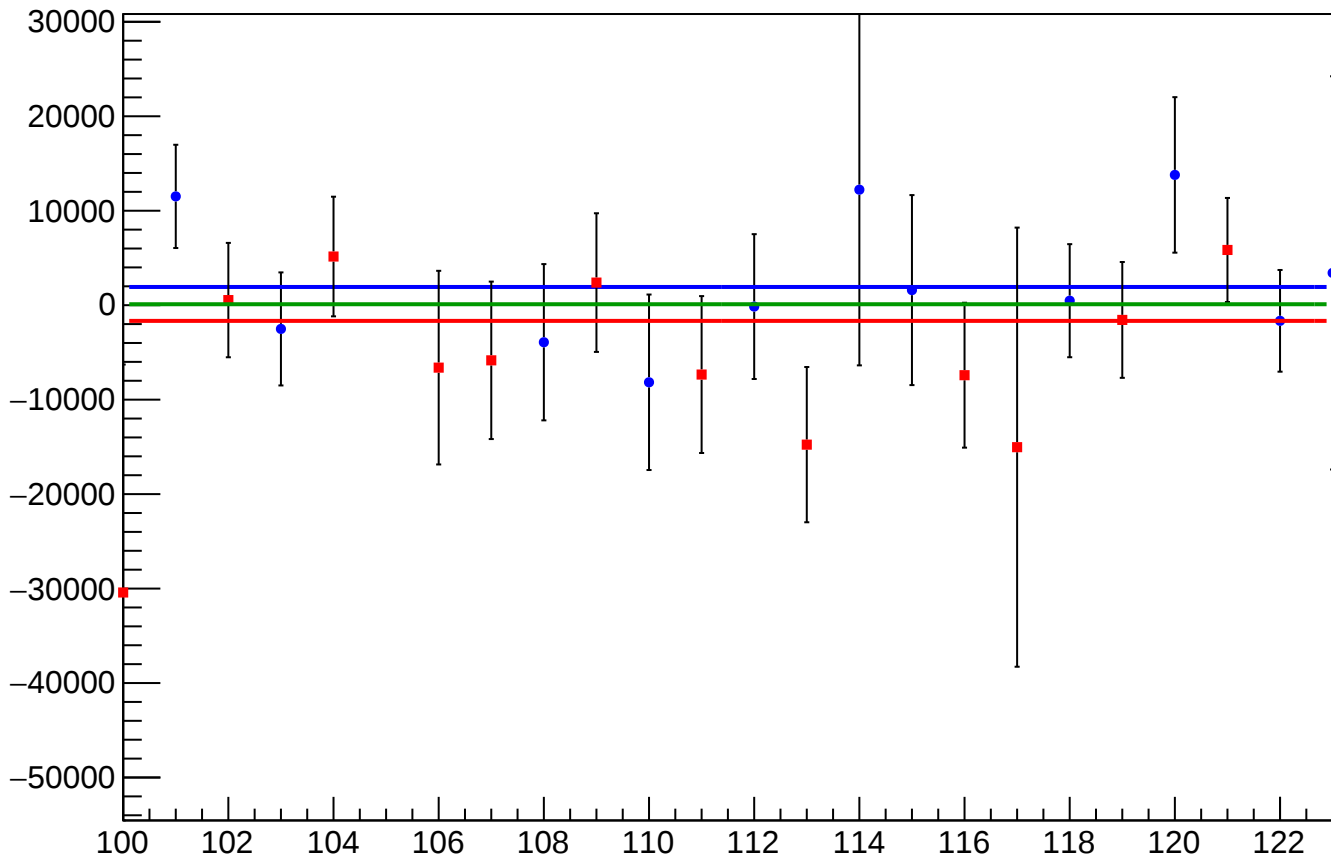
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

584.712+/-0.222 χ^2/NDF : 674728.7/10

597.630+/-0.156 χ^2/NDF : 1431940.9/22

610.062+/-0.218 χ^2/NDF : 750575.6/11

asym_sam2_mean vs Slug, Sign Corrected



Right In: 1929.235+/-2253.614 χ^2/NDF : 8.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1661.091+/-2213.299 χ^2/NDF : 9.3/11

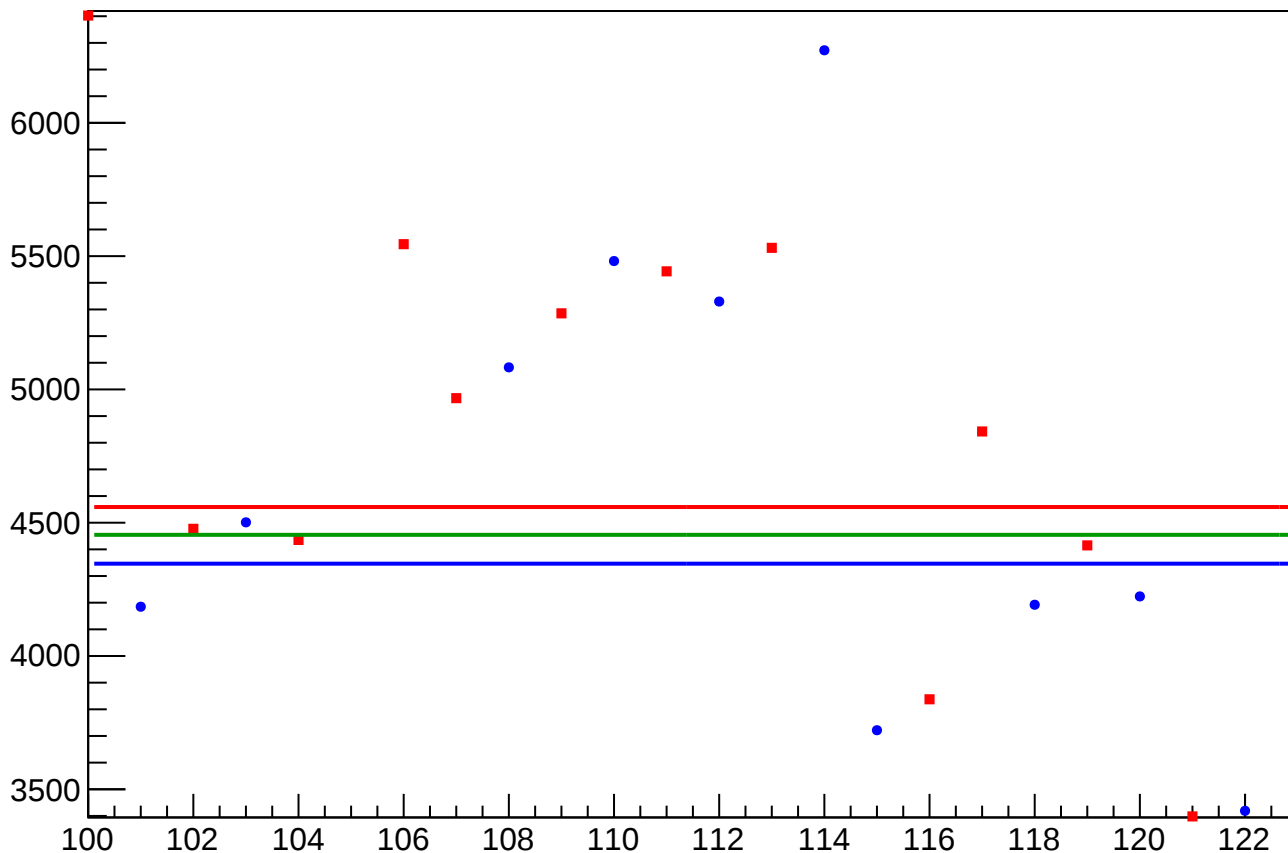
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1929.235+/-2253.614 χ^2/NDF : 8.3/10

101.671+/-1579.099 χ^2/NDF : 18.8/22

-1661.091+/-2213.299 χ^2/NDF : 9.3/11

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4346.321+/-1.594 χ^2/NDF : 172635.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4558.846+/-1.565 χ^2/NDF : 214284.4/11

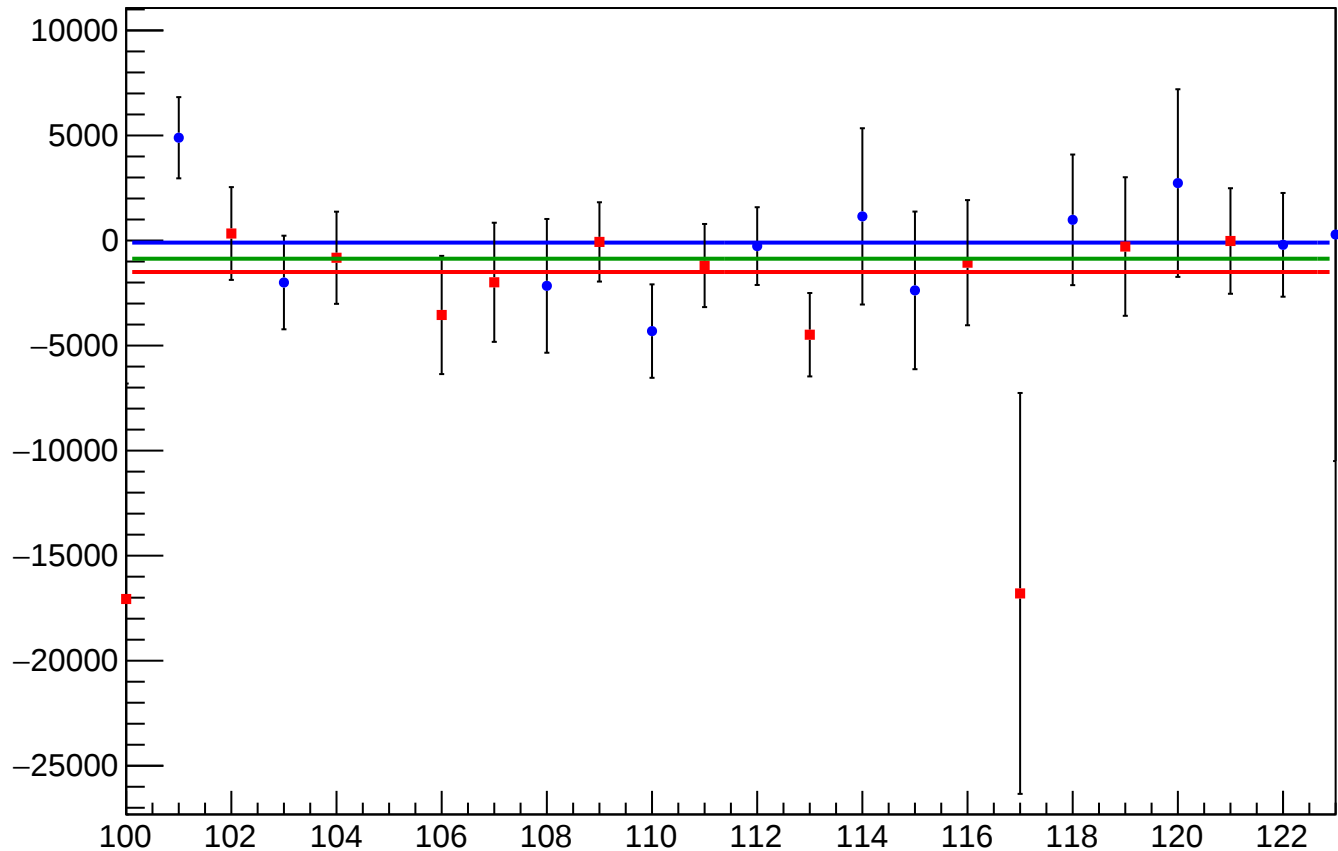
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4346.321+/-1.594 χ^2/NDF : 172635.1/10

4454.501+/-1.117 χ^2/NDF : 395973.3/22

4558.846+/-1.565 χ^2/NDF : 214284.4/11

asym_sam3_mean vs Slug, Sign Corrected



Right In: -99.073+/-812.132 χ^2/NDF : 12.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1498.659+/-737.759 χ^2/NDF : 9.6/11

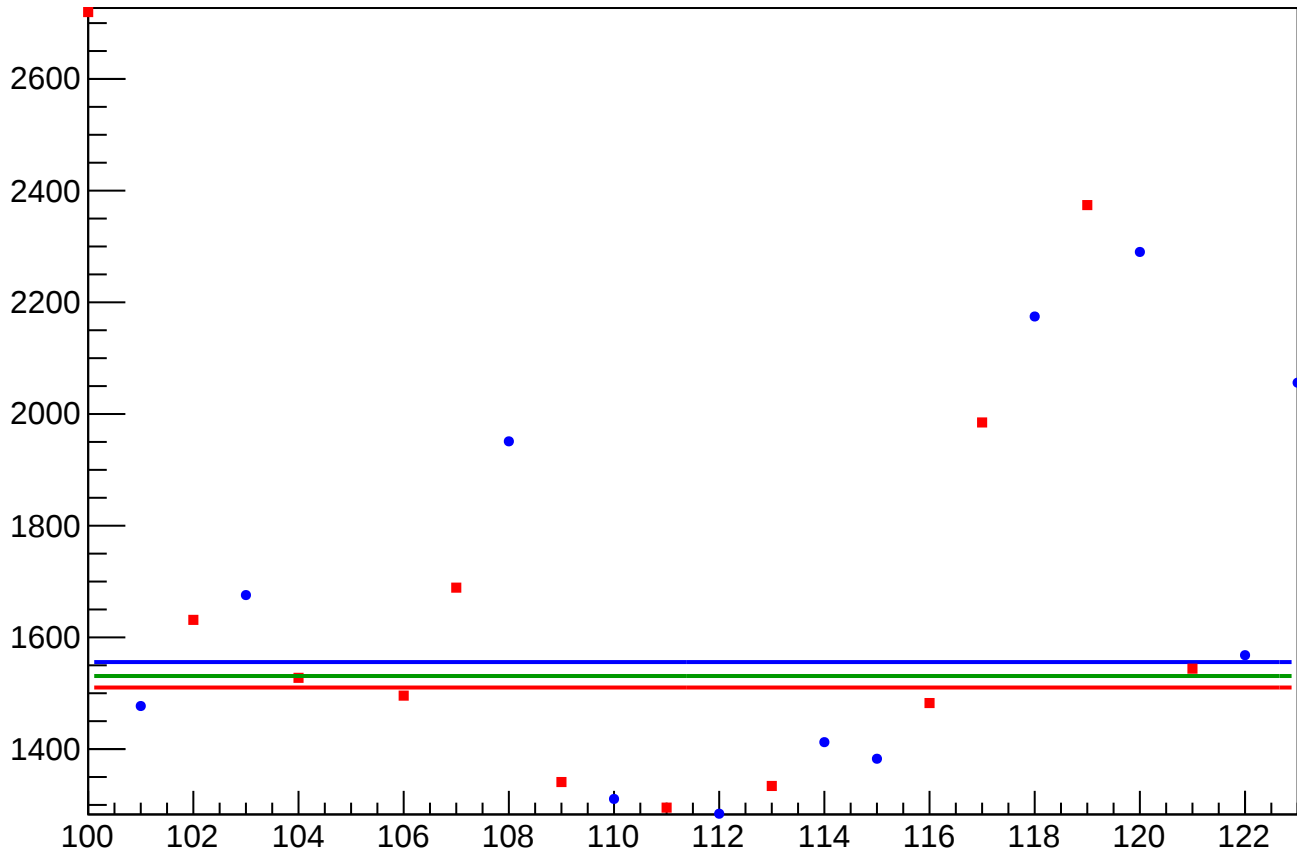
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-99.073+/-812.132 χ^2/NDF : 12.4/10

-865.873+/-546.079 χ^2/NDF : 23.6/22

-1498.659+/-737.759 χ^2/NDF : 9.6/11

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1555.815 $\pm$ 0.574 χ^2 /NDF: 251577.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1510.257 $\pm$ 0.522 χ^2 /NDF: 240192.9/11

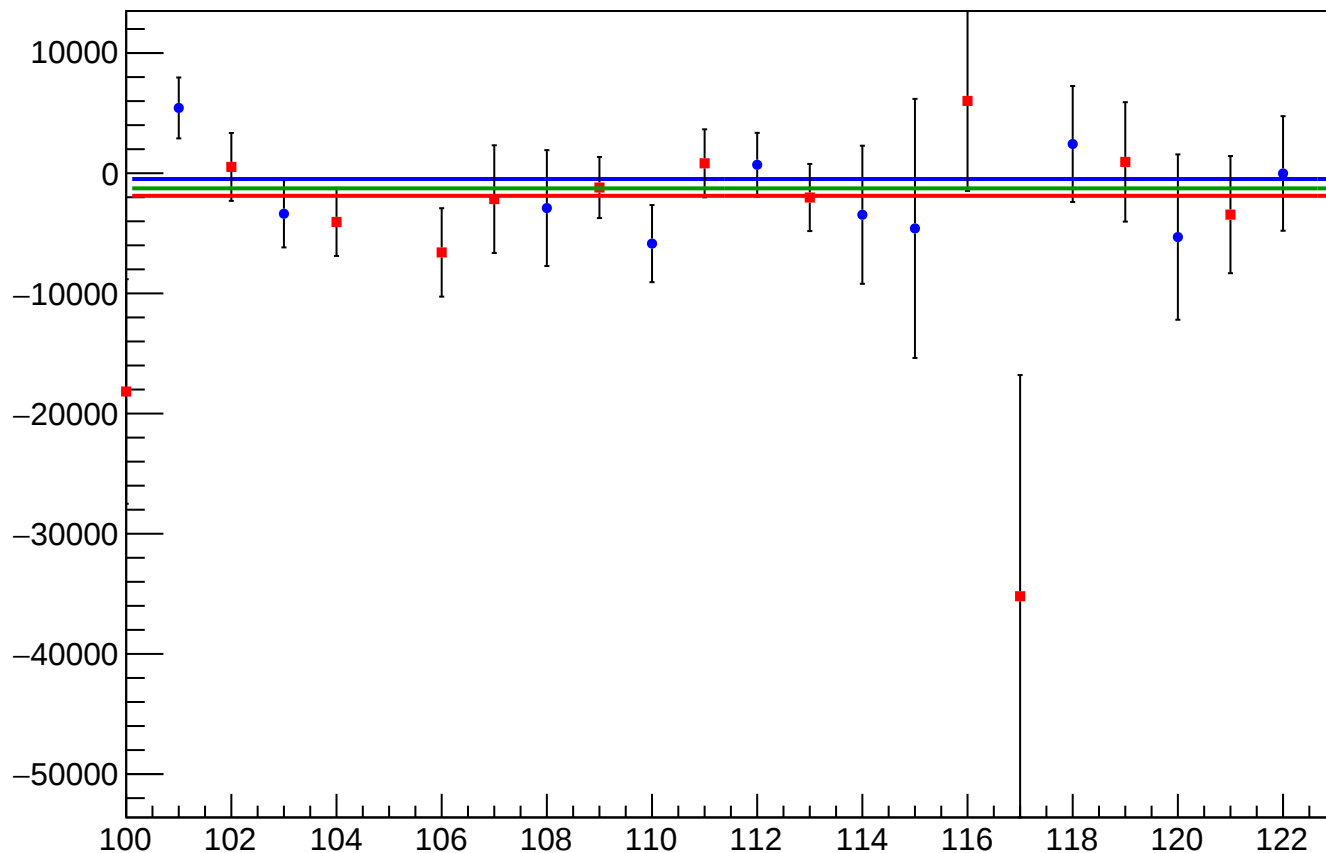
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1555.815 $\pm$ 0.574 χ^2 /NDF: 251577.4/10

1530.855 $\pm$ 0.386 χ^2 /NDF: 495218.5/22

1510.257 $\pm$ 0.522 χ^2 /NDF: 240192.9/11

asym_sam4_mean vs Slug, Sign Corrected



Right In: -481.530+/-1182.322 χ^2/NDF : 11.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1880.528+/-1056.040 χ^2/NDF : 11.8/11

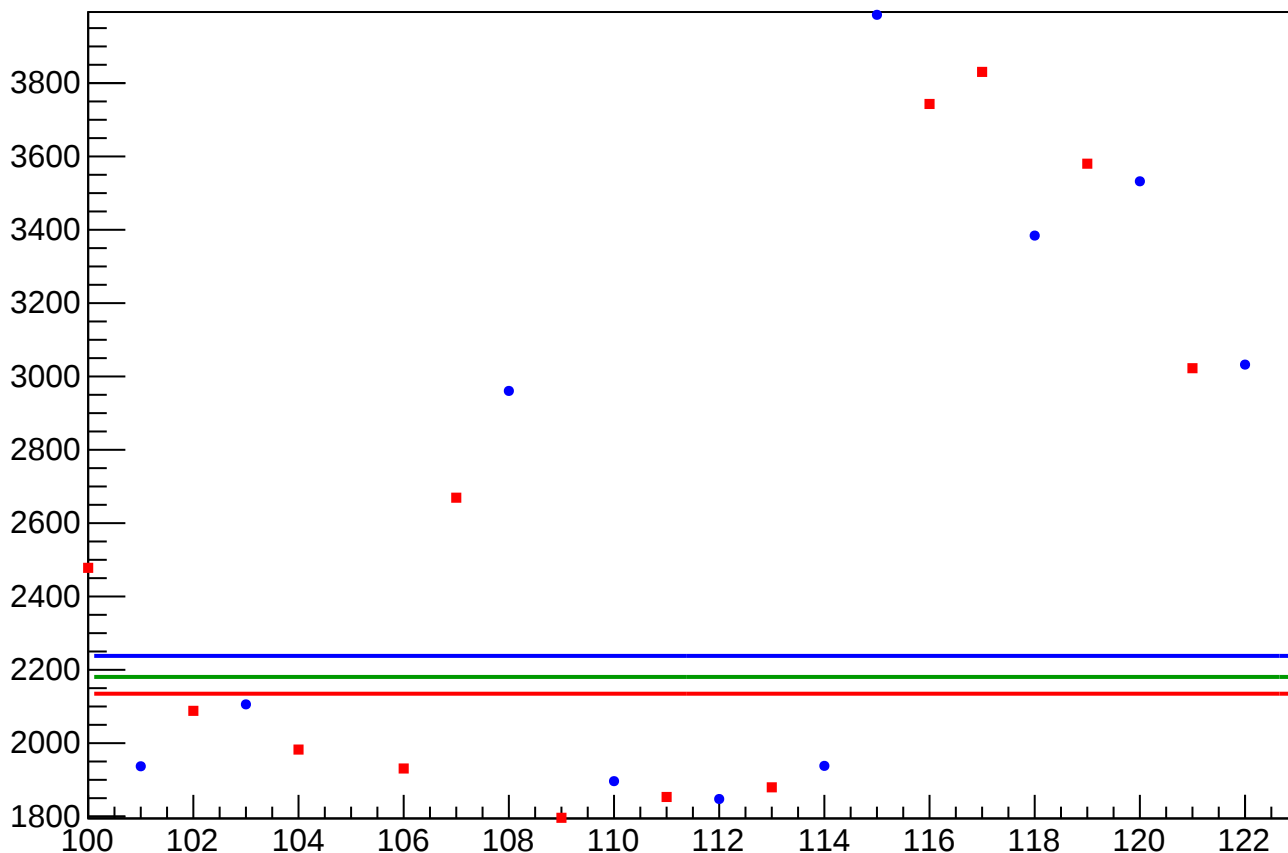
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-481.530+/-1182.322 χ^2/NDF : 11.1/10

-1259.707+/-787.609 χ^2/NDF : 23.7/22

-1880.528+/-1056.040 χ^2/NDF : 11.8/11

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2237.997 $\pm$ 0.836 χ^2 /NDF: 448963.3/10

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

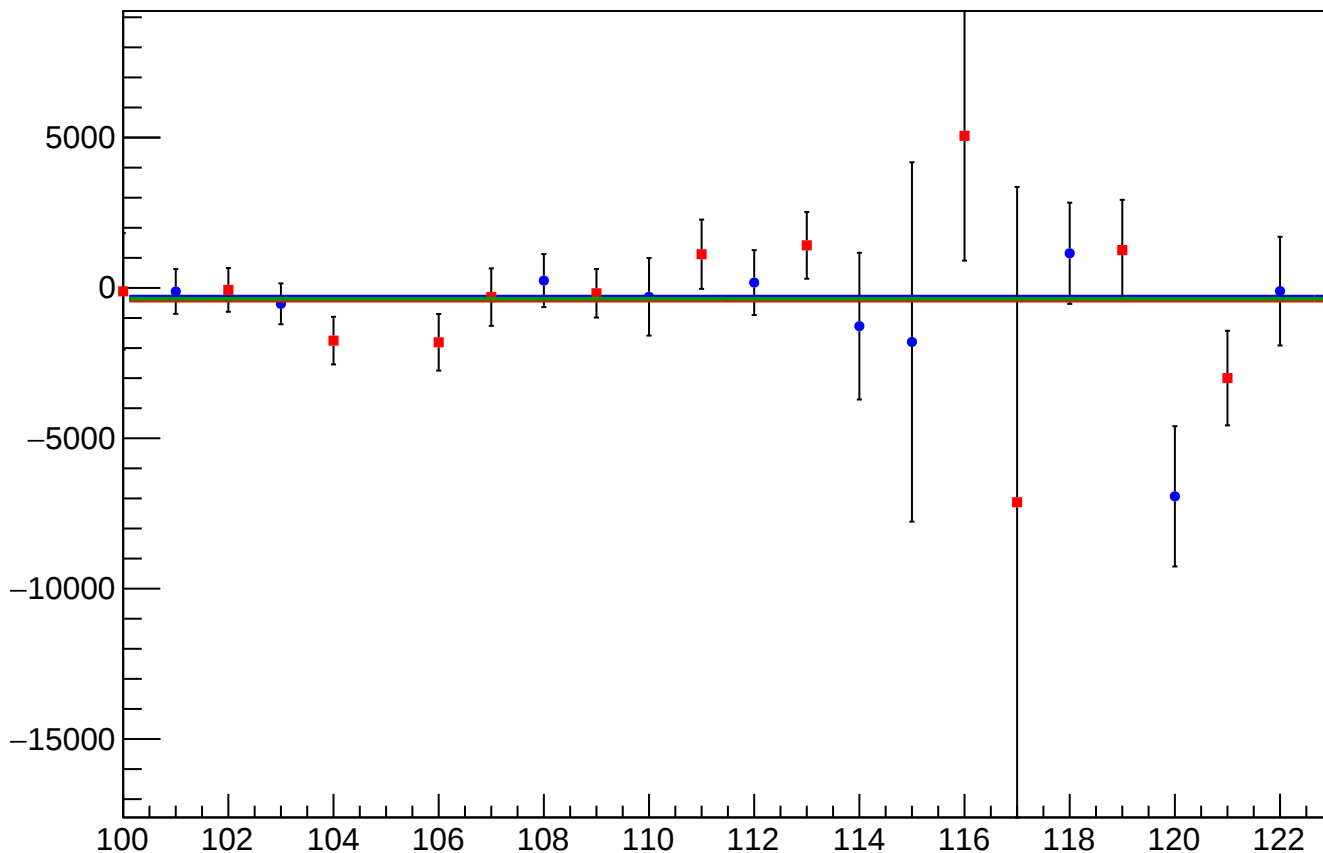
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2237.997 $\pm$ 0.836 χ^2 /NDF: 448963.3/10

2180.630 $\pm$ 0.557 χ^2 /NDF: 918026.9/22

2134.864 $\pm$ 0.747 χ^2 /NDF: 460598.9/11

asym_sam5_mean vs Slug, Sign Corrected



Right In: -293.287+/-358.736 χ^2/NDF : 9.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -417.438+/-317.658 χ^2/NDF : 15.7/11

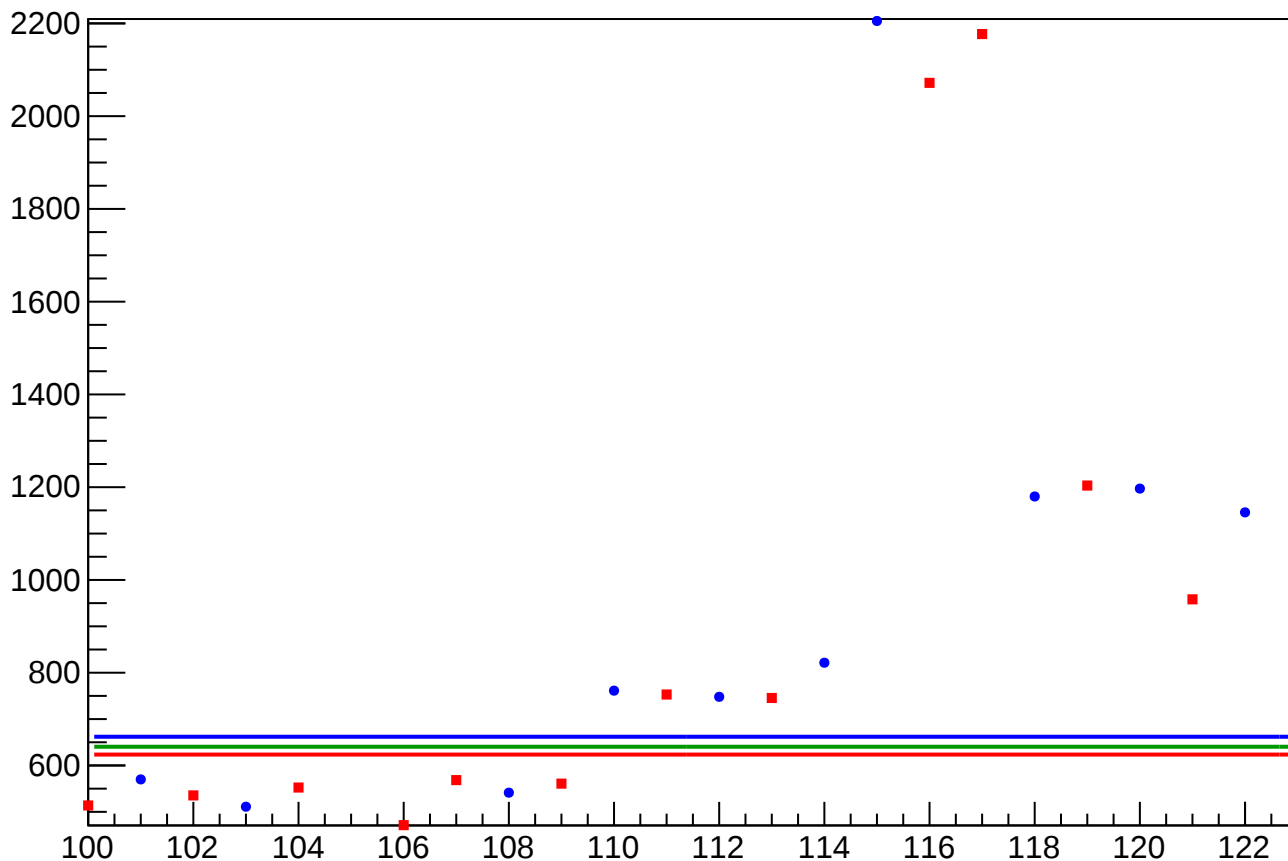
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-293.287+/-358.736 χ^2/NDF : 9.9/10

-362.874+/-237.821 χ^2/NDF : 25.7/22

-417.438+/-317.658 χ^2/NDF : 15.7/11

asym_sam5_rms vs Slug, Sign Corrected



Right In: 661.932+/-0.254 χ^2/NDF : 789238.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 623.470+/-0.225 χ^2/NDF : 791443.5/11

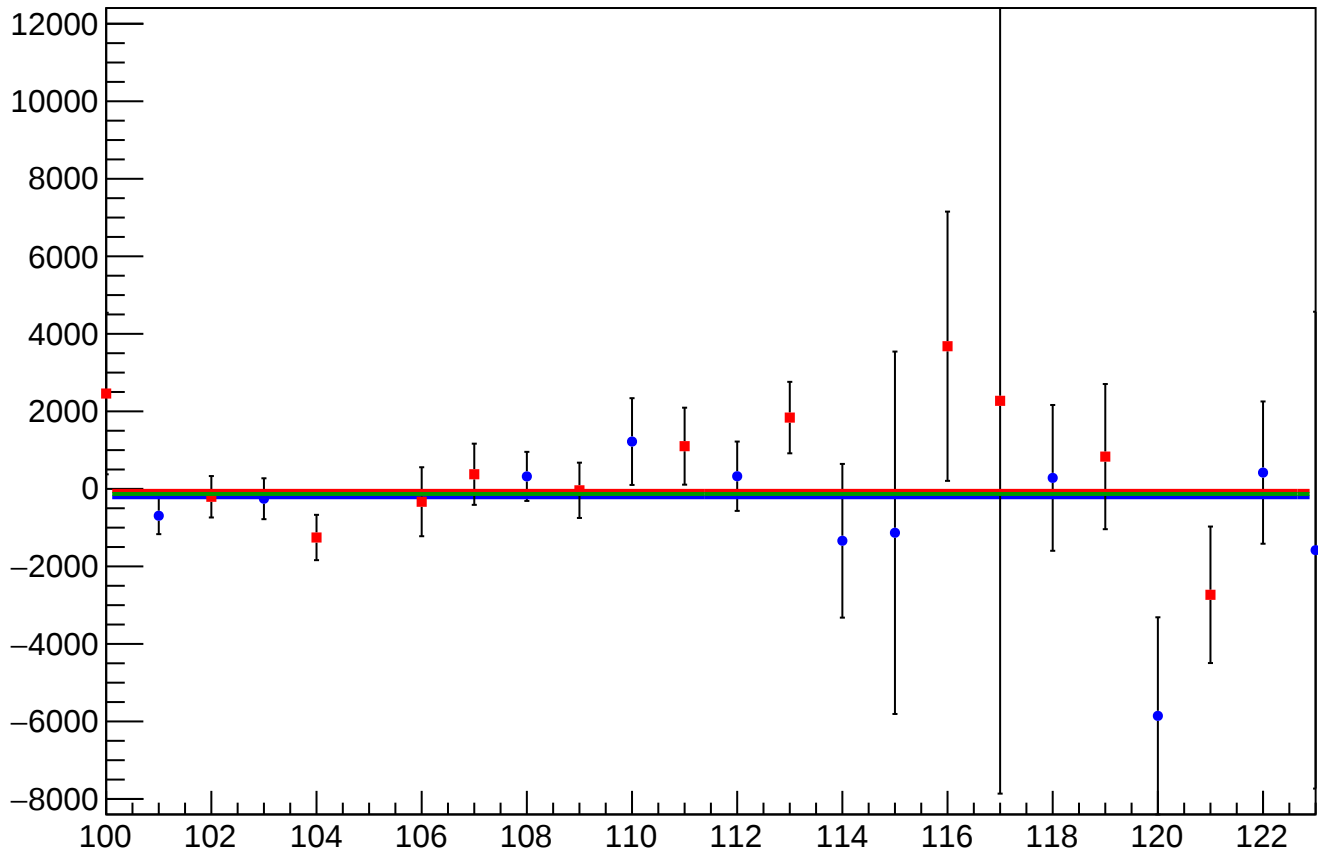
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

661.932+/-0.254 χ^2/NDF : 789238.5/10

640.374+/-0.168 χ^2/NDF : 1593568.2/22

623.470+/-0.225 χ^2/NDF : 791443.5/11

asym_sam6_mean vs Slug, Sign Corrected



Right In: -215.605+/-270.800 χ^2 /NDF: 9.3/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -51.163+/-263.702 χ^2 /NDF: 15.5/11

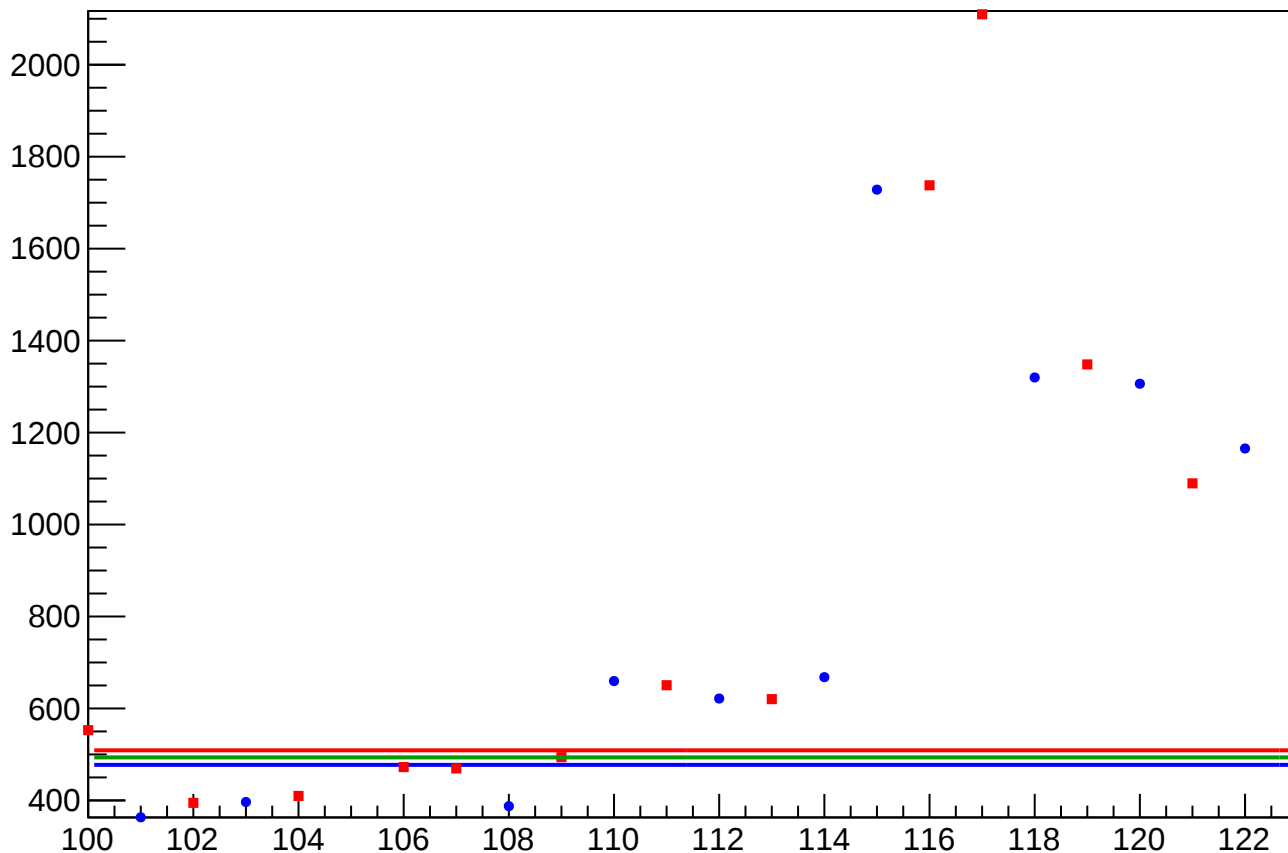
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-215.605+/-270.800 χ^2 /NDF: 9.3/10

-131.200+/-188.925 χ^2 /NDF: 24.9/22

-51.163+/-263.702 χ^2 /NDF: 15.5/11

asym_sam6_rms vs Slug, Sign Corrected



Right In: 477.329+/-0.191 χ^2/NDF : 1389865.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 508.943+/-0.186 χ^2/NDF : 1148323.7/11

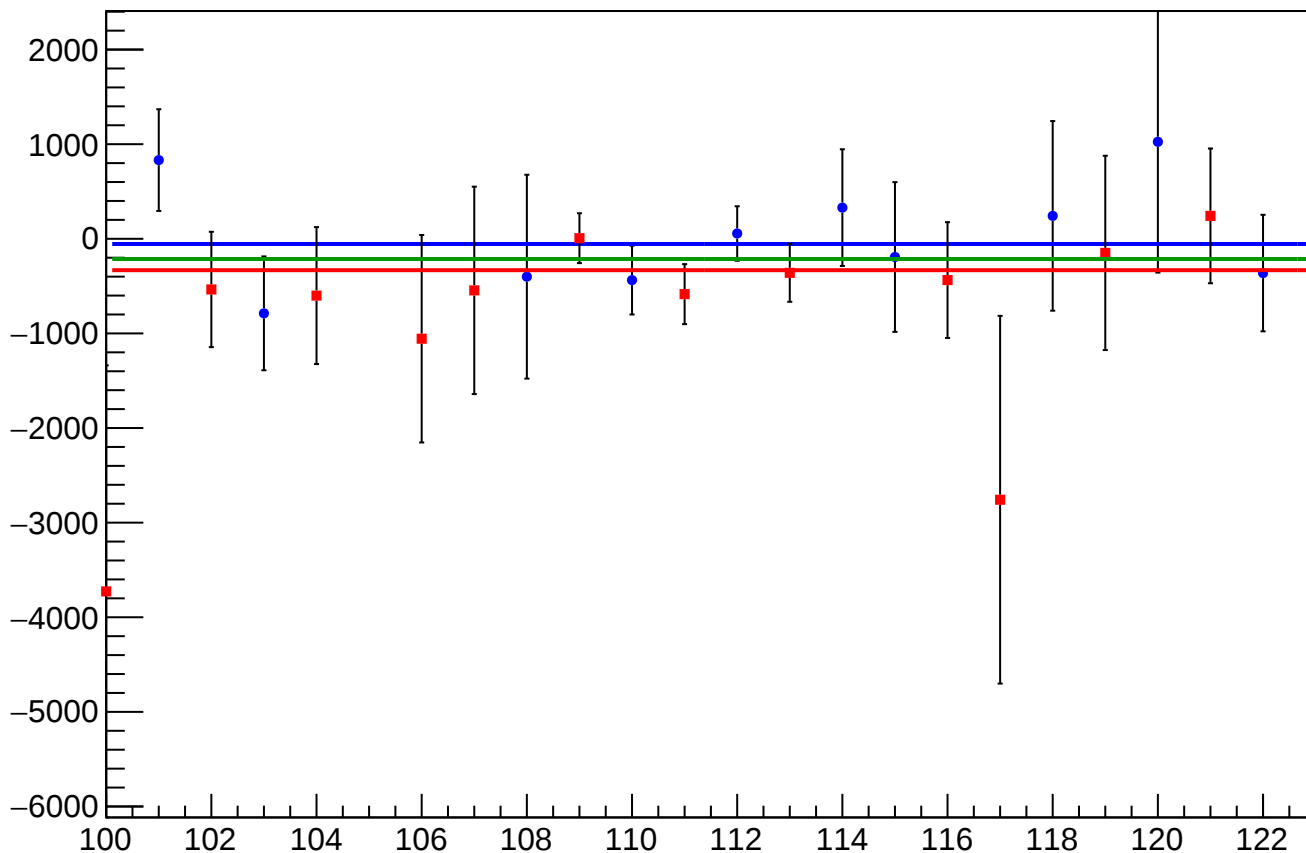
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

477.329+/-0.191 χ^2/NDF : 1389865.9/10

493.556+/-0.134 χ^2/NDF : 2552180.9/22

508.943+/-0.186 χ^2/NDF : 1148323.7/11

asym_sam7_mean vs Slug, Sign Corrected



Right In: -54.831+/-168.382 χ^2/NDF : 6.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -331.699+/-145.386 χ^2/NDF : 7.3/11

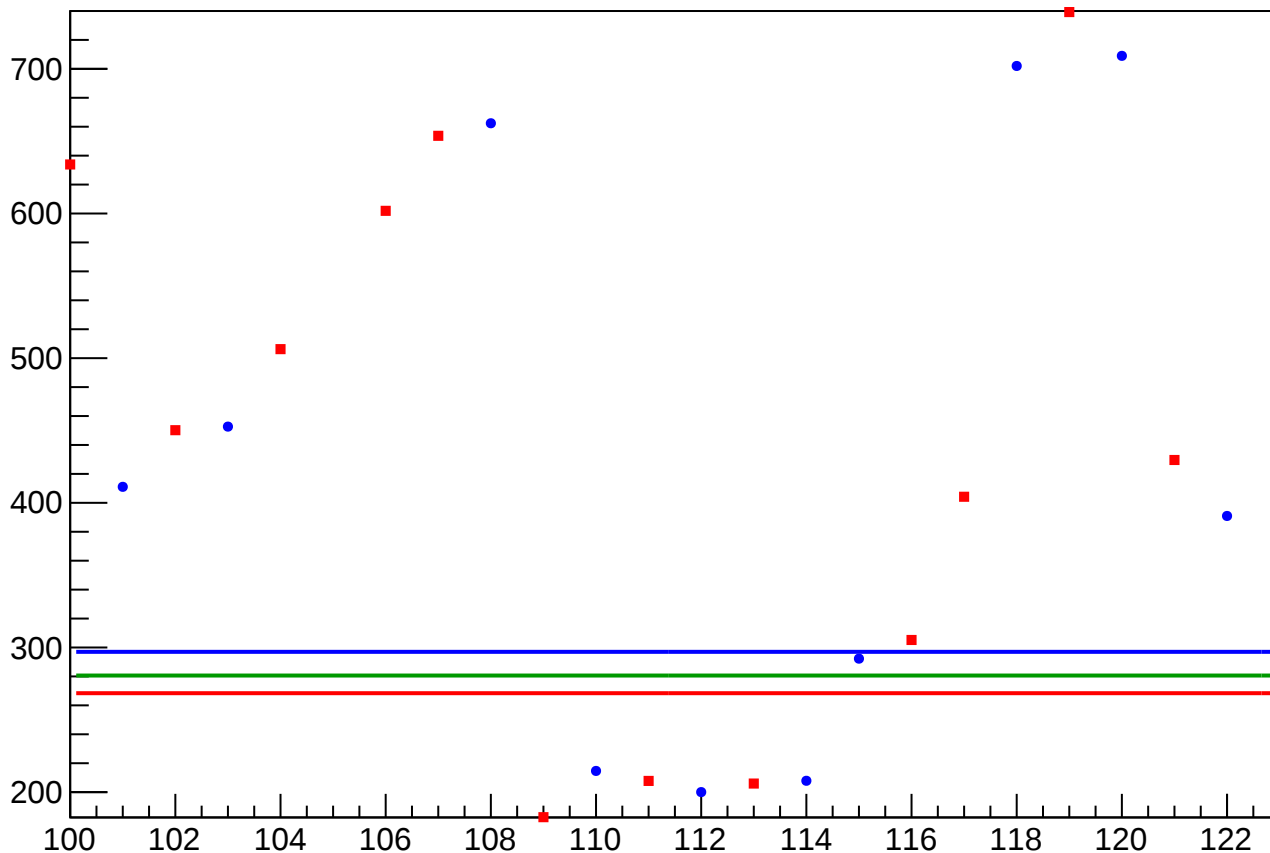
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-54.831+/-168.382 χ^2/NDF : 6.9/10

-213.448+/-110.043 χ^2/NDF : 15.8/22

-331.699+/-145.386 χ^2/NDF : 7.3/11

asym_sam7_rms vs Slug, Sign Corrected



Right In: 296.996 $\pm$ 0.119 χ^2 /NDF: 1385610.8/10

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

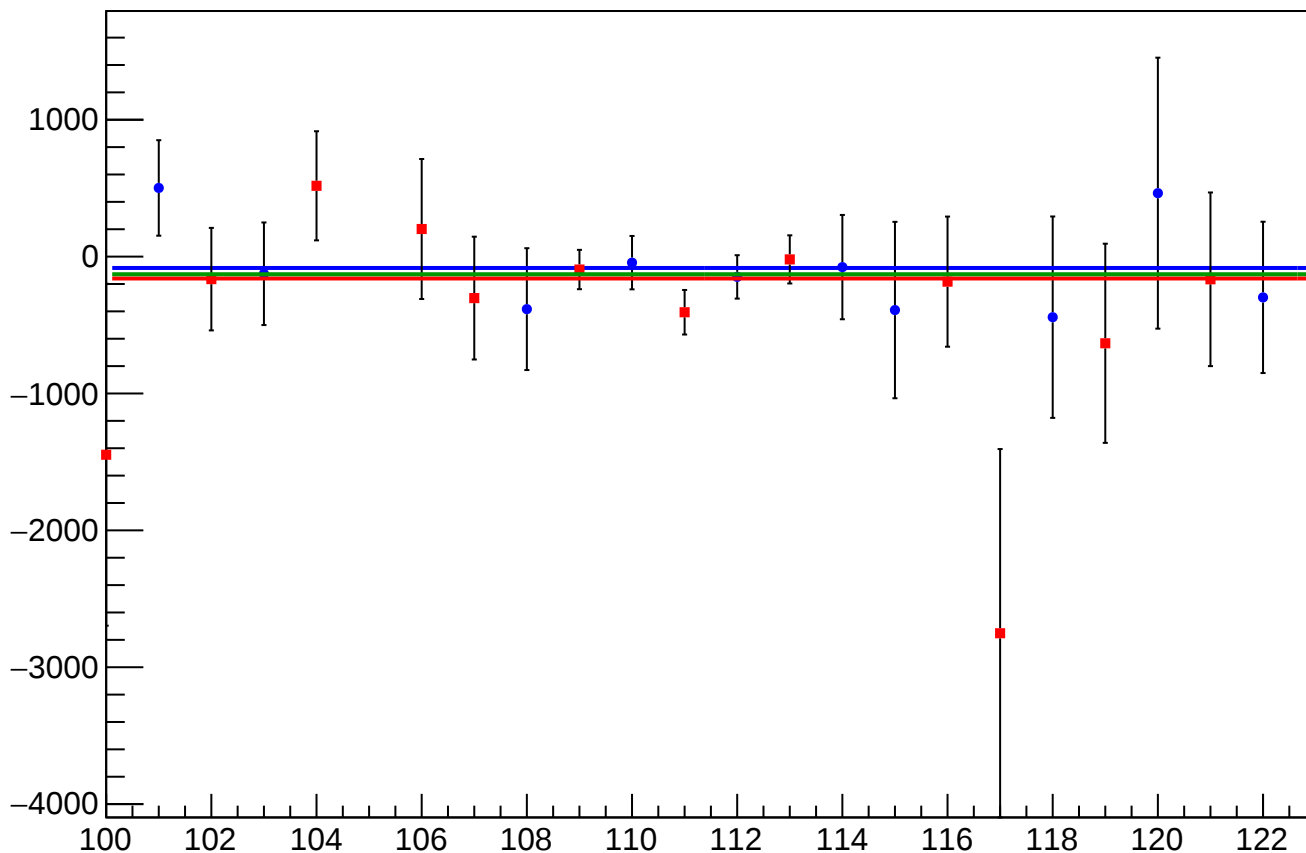
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

296.996 $\pm$ 0.119 χ^2 /NDF: 1385610.8/10

280.617 $\pm$ 0.078 χ^2 /NDF: 3199332.9/22

268.407 $\pm$ 0.103 χ^2 /NDF: 1780689.7/11

asym_sam8_mean vs Slug, Sign Corrected



Right In: -82.918+/-98.894 χ^2 /NDF: 4.4/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -159.813+/-81.451 χ^2 /NDF: 11.8/11

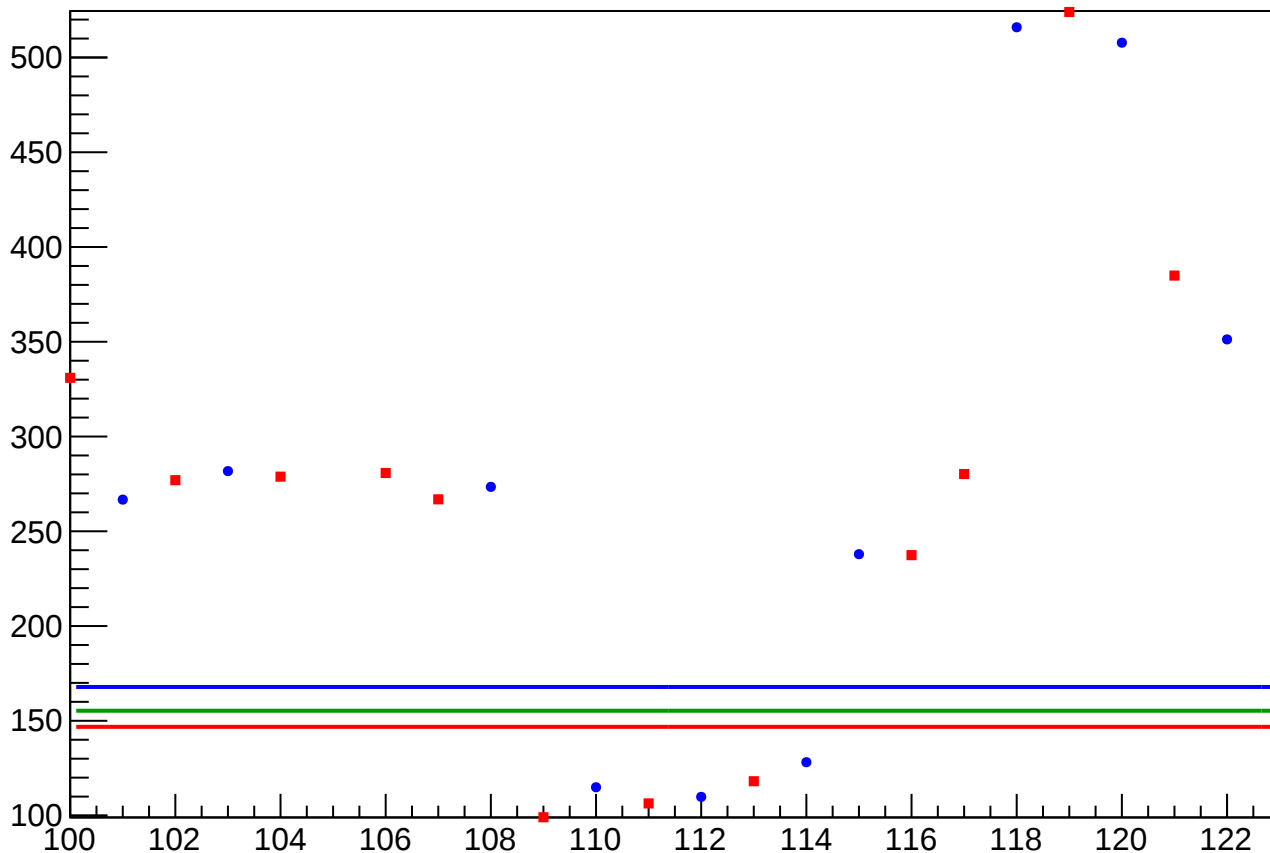
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-82.918+/-98.894 χ^2 /NDF: 4.4/10

-128.734+/-62.872 χ^2 /NDF: 16.6/22

-159.813+/-81.451 χ^2 /NDF: 11.8/11

asym_sam8_rms vs Slug, Sign Corrected



Right In: 167.843+/-0.070 χ^2/NDF : 1836688.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.811+/-0.058 χ^2/NDF : 2093658.6/11

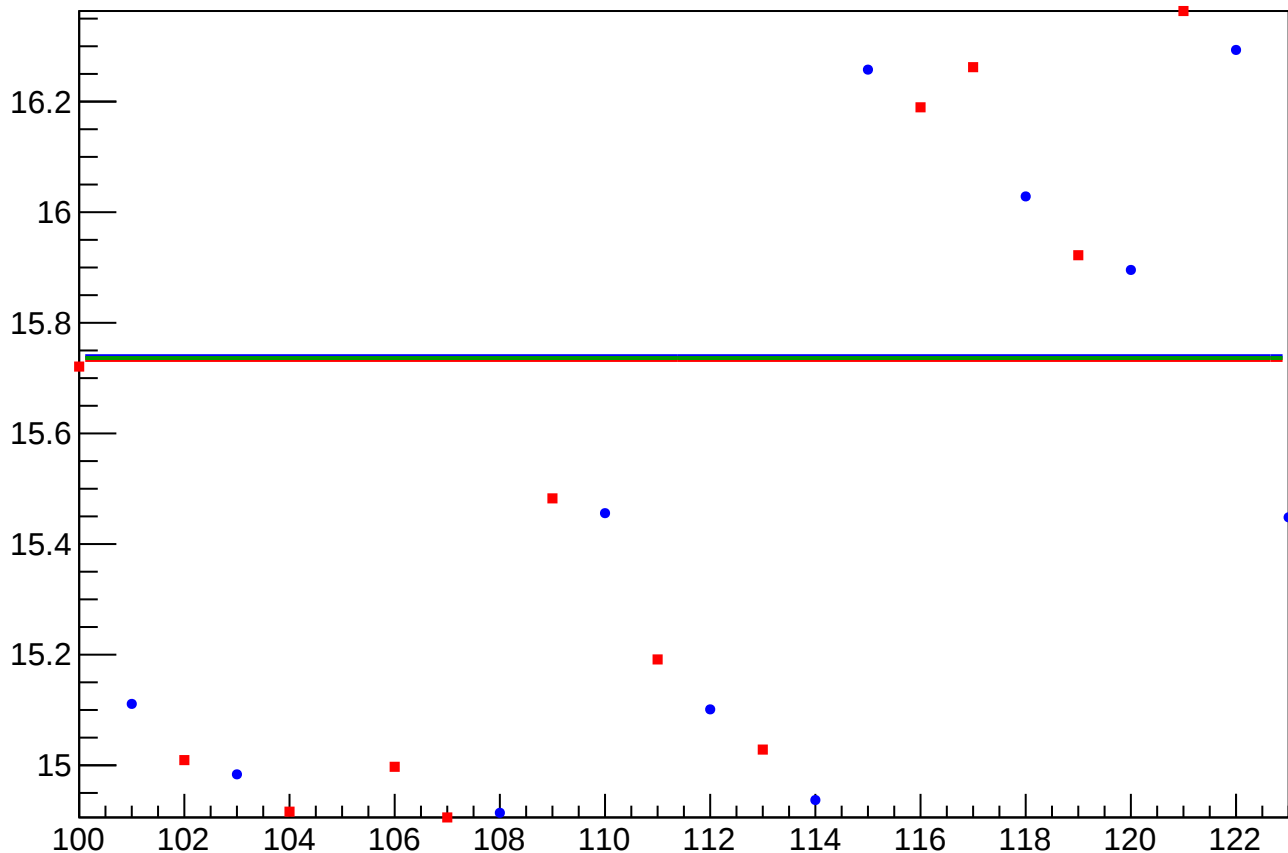
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

167.843+/-0.070 χ^2/NDF : 1836688.8/10

155.312+/-0.044 χ^2/NDF : 3984243.9/22

146.811+/-0.058 χ^2/NDF : 2093658.6/11

yield_sam1_mean vs Slug, Sign Corrected



Right In: 15.740+/-0.000 χ^2/NDF : 2994680003.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.733+/-0.000 χ^2/NDF : 3417223174.5/11

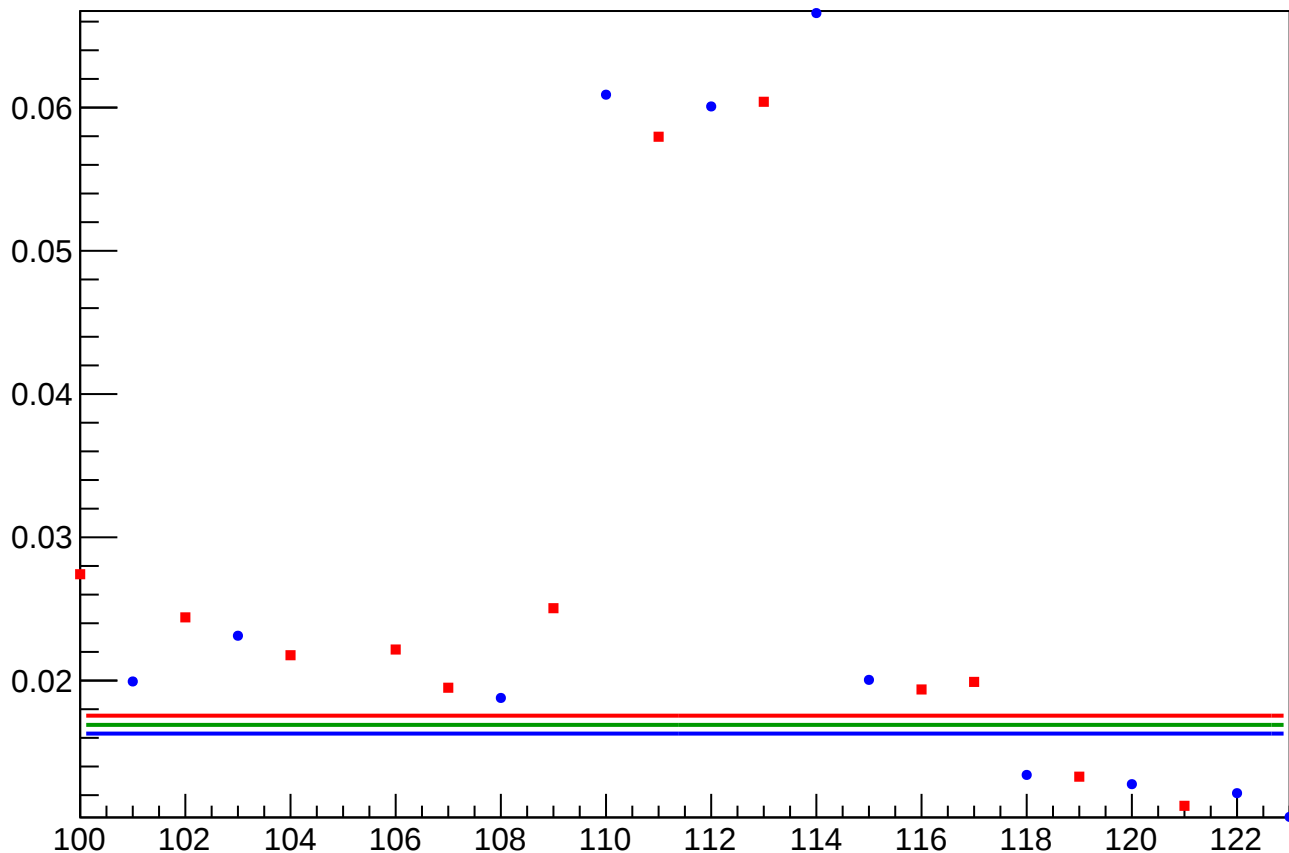
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15.740+/-0.000 χ^2/NDF : 2994680003.2/10

15.736+/-0.000 χ^2/NDF : 6412147121.3/2

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 : 1282955.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.018+/-0.000 χ^2/NDF : 1378858.3/11

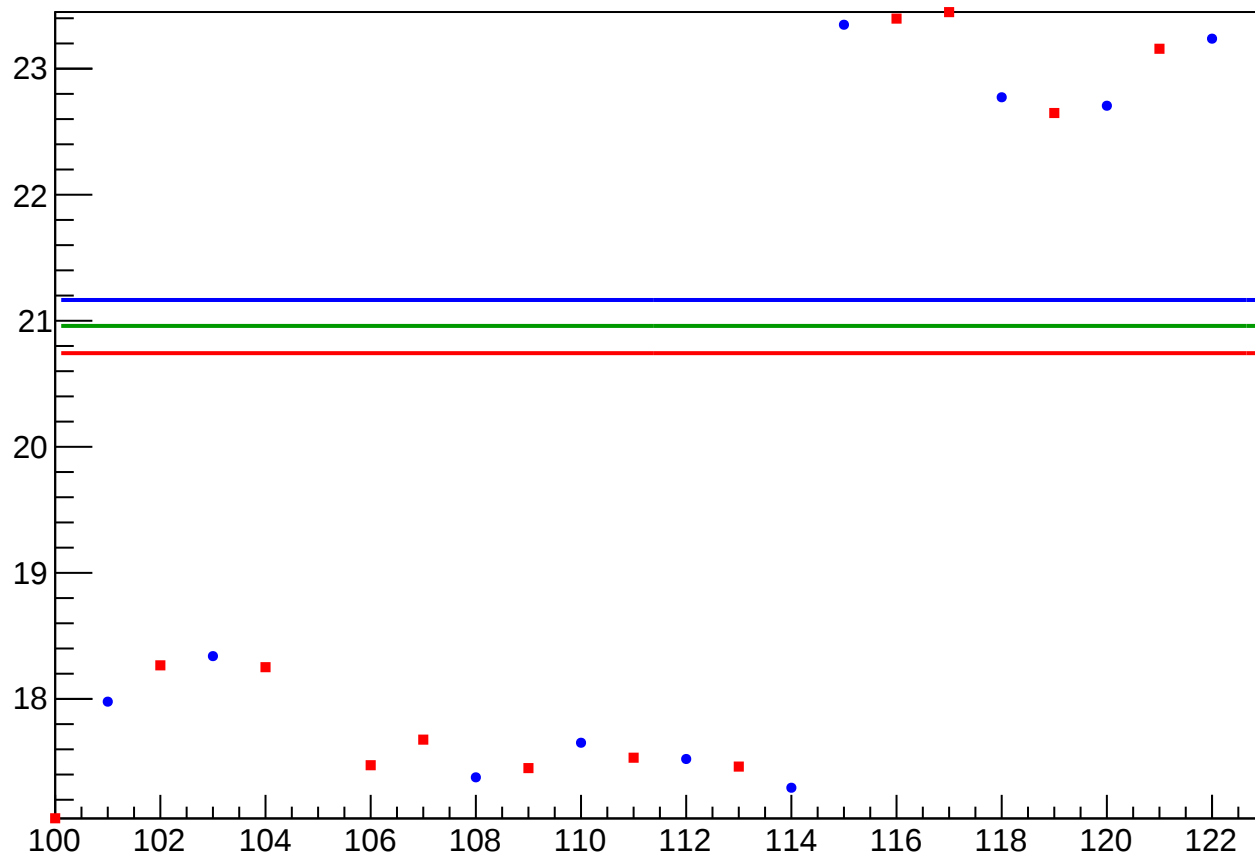
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 1282955.0/10

0.017+/-0.000 χ^2/NDF : 2678611.5/22

0.018+/-0.000 χ^2/NDF : 1378858.3/11

yield_sam2_mean vs Slug, Sign Corrected



Right In: 21.165 $\pm$ 0.000 χ^2/NDF : 690868465.9/10

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

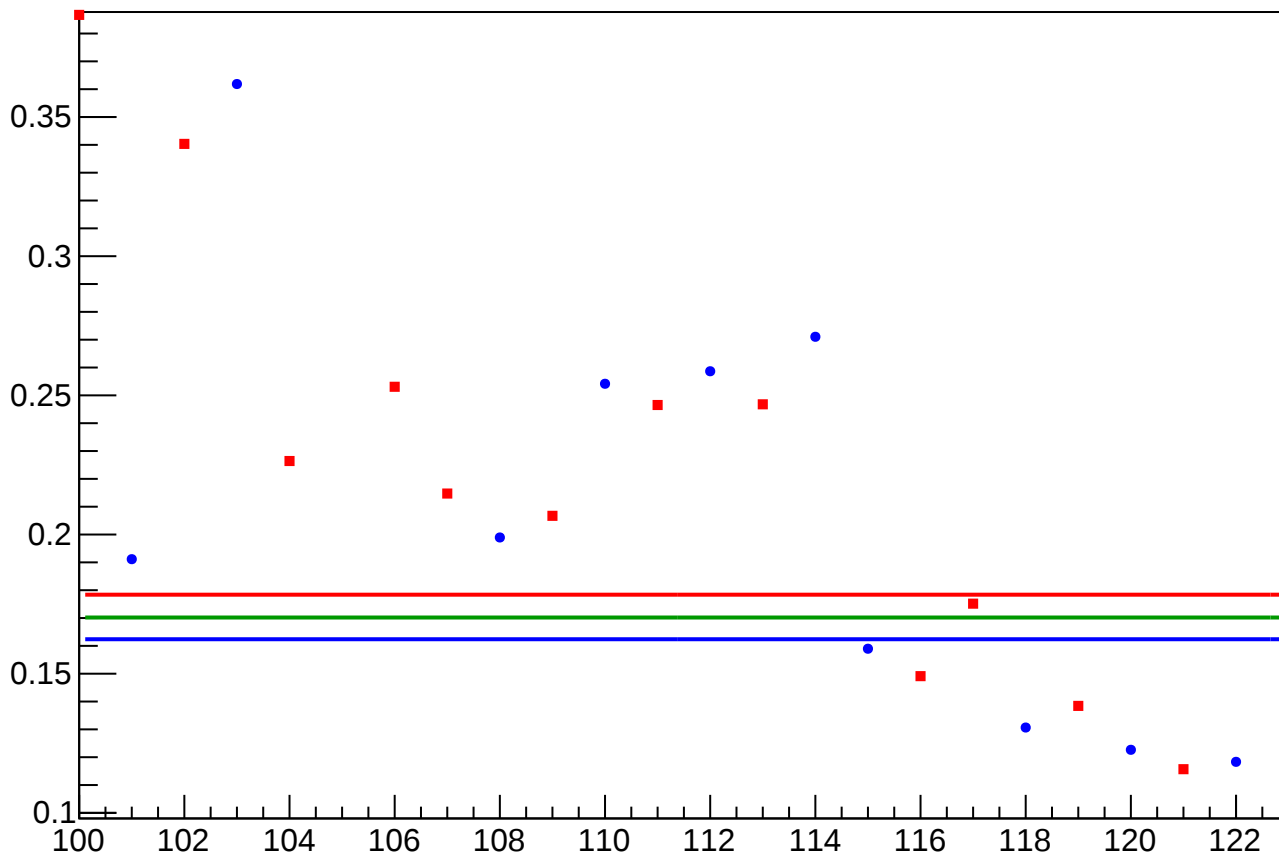
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

21.165 $\pm$ 0.000 χ^2/NDF : 690868465.9/10

20.959 $\pm$ 0.000 χ^2/NDF : 1454661729.8/2

20.743 $\pm$ 0.000 χ^2/NDF : 753925810.3/11

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.162+/-0.000 χ^2/NDF : 847854.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.178+/-0.000 χ^2/NDF : 802042.2/11

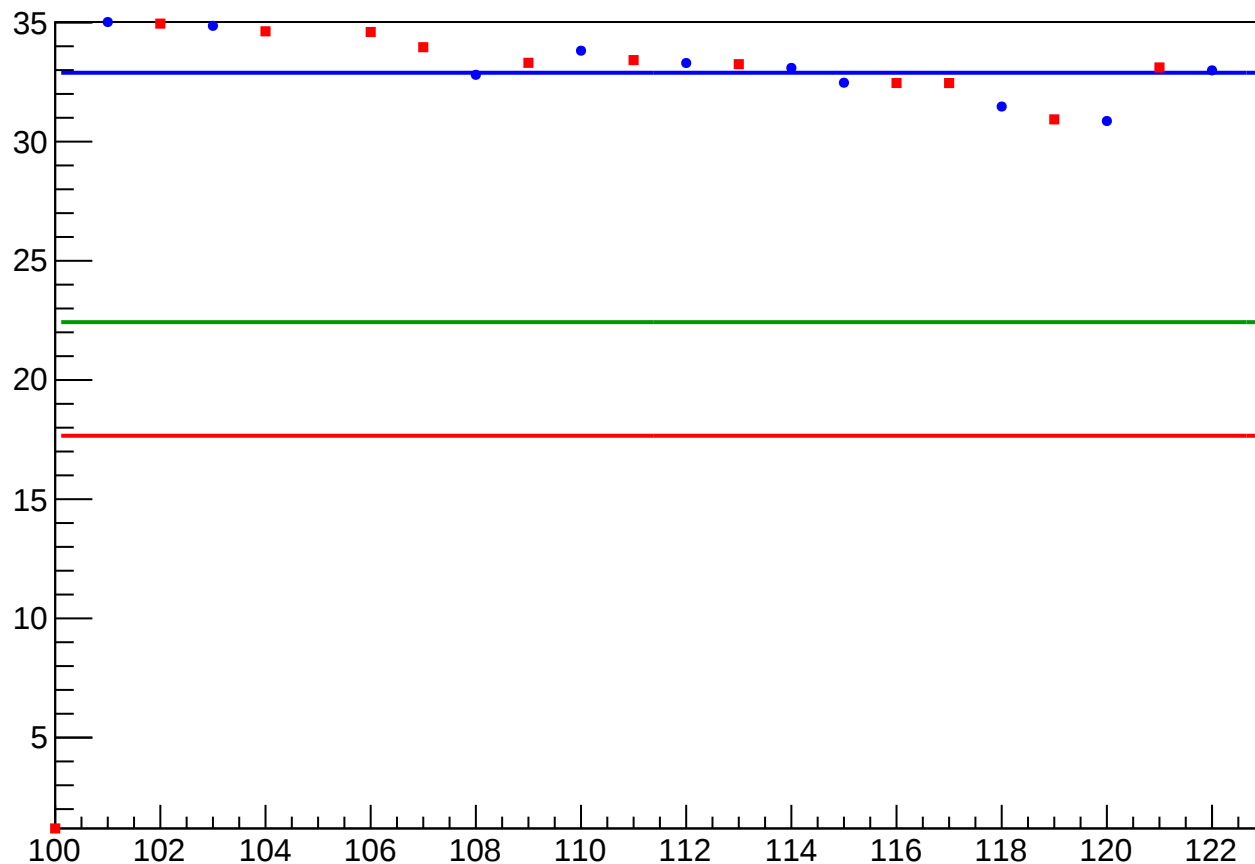
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.162+/-0.000 χ^2/NDF : 847854.2/10

0.170+/-0.000 χ^2/NDF : 1678304.1/22

0.178+/-0.000 χ^2/NDF : 802042.2/11

yield_sam3_mean vs Slug, Sign Corrected



Right In: 32.889+/-0.000 χ^2/NDF : 415597921.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.662+/-0.000 χ^2/NDF : 187240081324.4/11

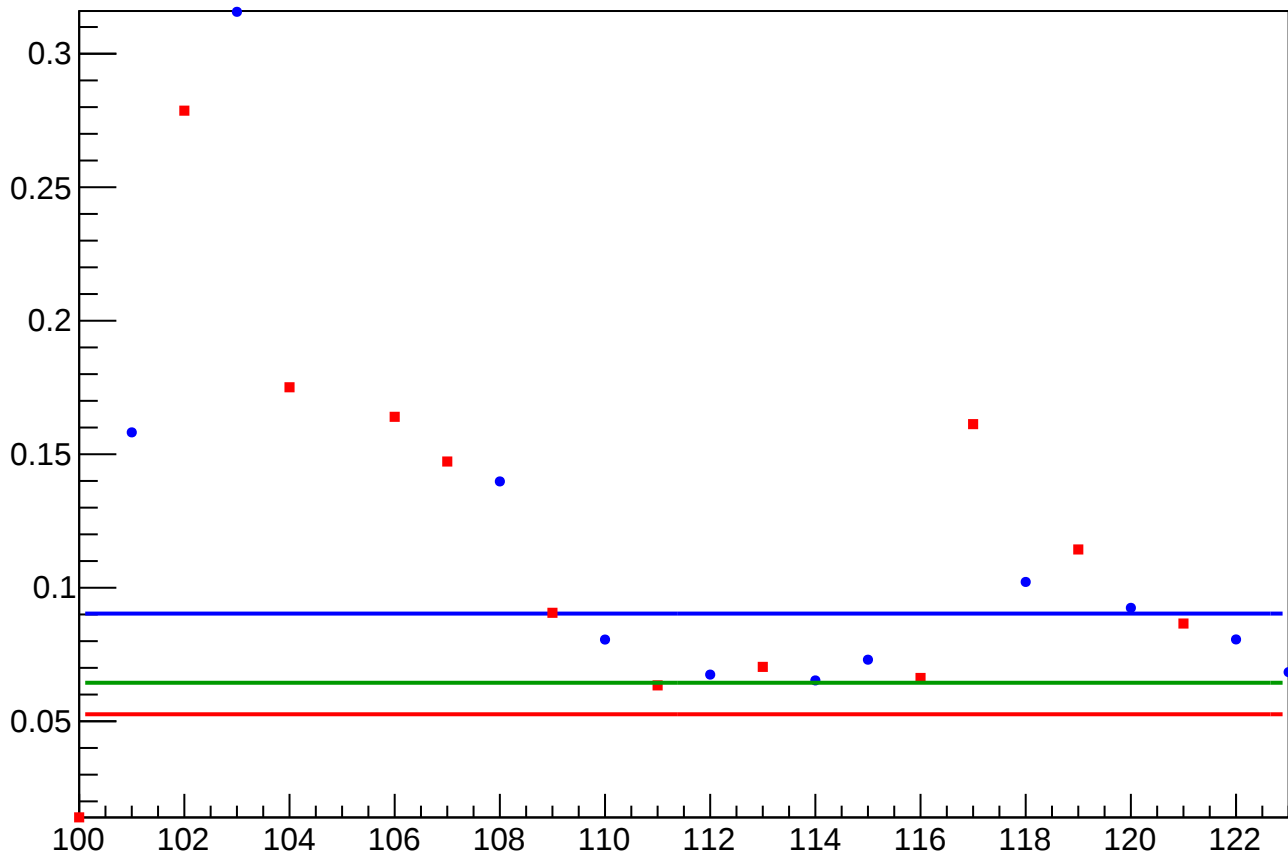
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.889+/-0.000 χ^2/NDF : 415597921.5/10

22.427+/-0.000 χ^2/NDF : 241014705460.5

17.662+/-0.000 χ^2/NDF : 187240081324.4/11

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.090+/-0.000 χ^2/NDF : 988381.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.053+/-0.000 χ^2/NDF : 3147077.5/11

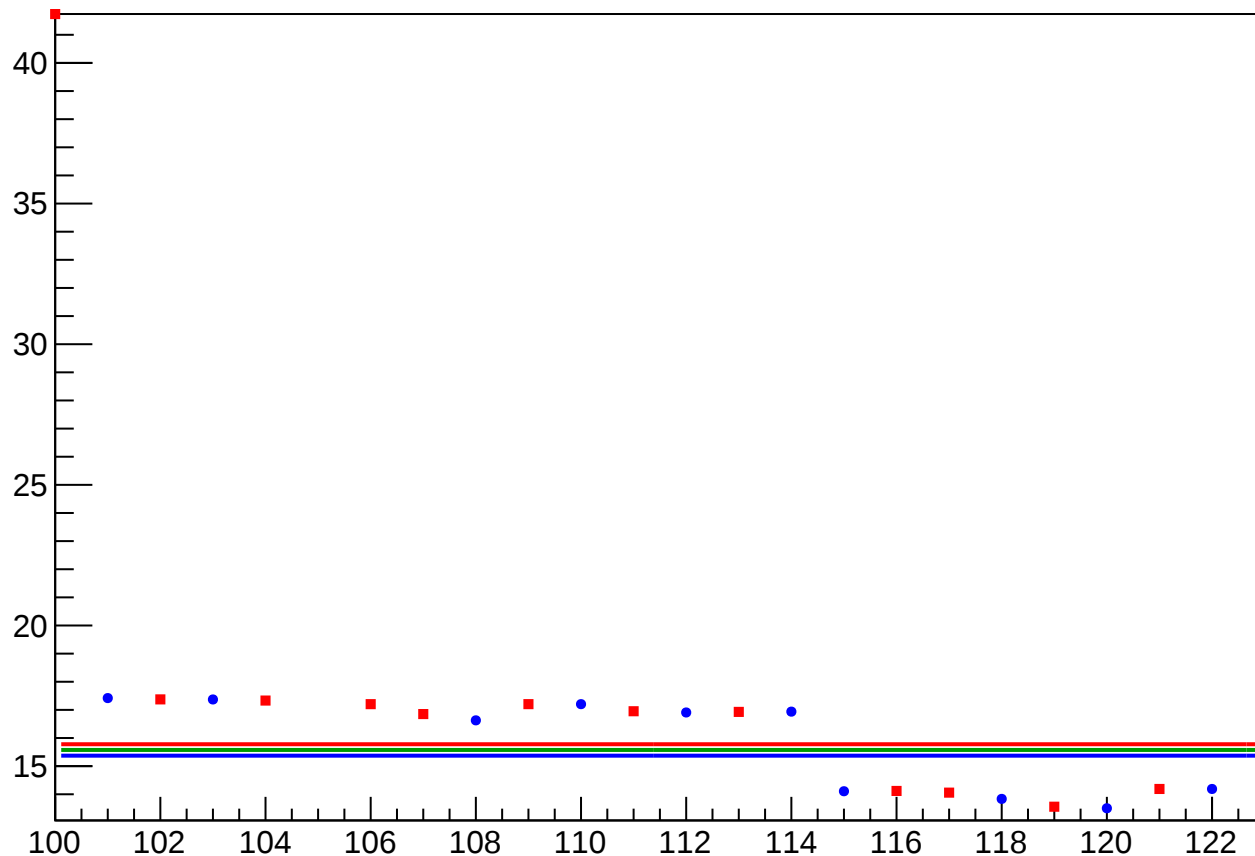
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.090+/-0.000 χ^2/NDF : 988381.2/10

0.064+/-0.000 χ^2/NDF : 4789787.0/22

0.053+/-0.000 χ^2/NDF : 3147077.5/11

yield_sam4_mean vs Slug, Sign Corrected



Right In: 15.372+/-0.000 χ^2/NDF : 1001758333.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.779+/-0.000 χ^2/NDF : 1176844081.6/11

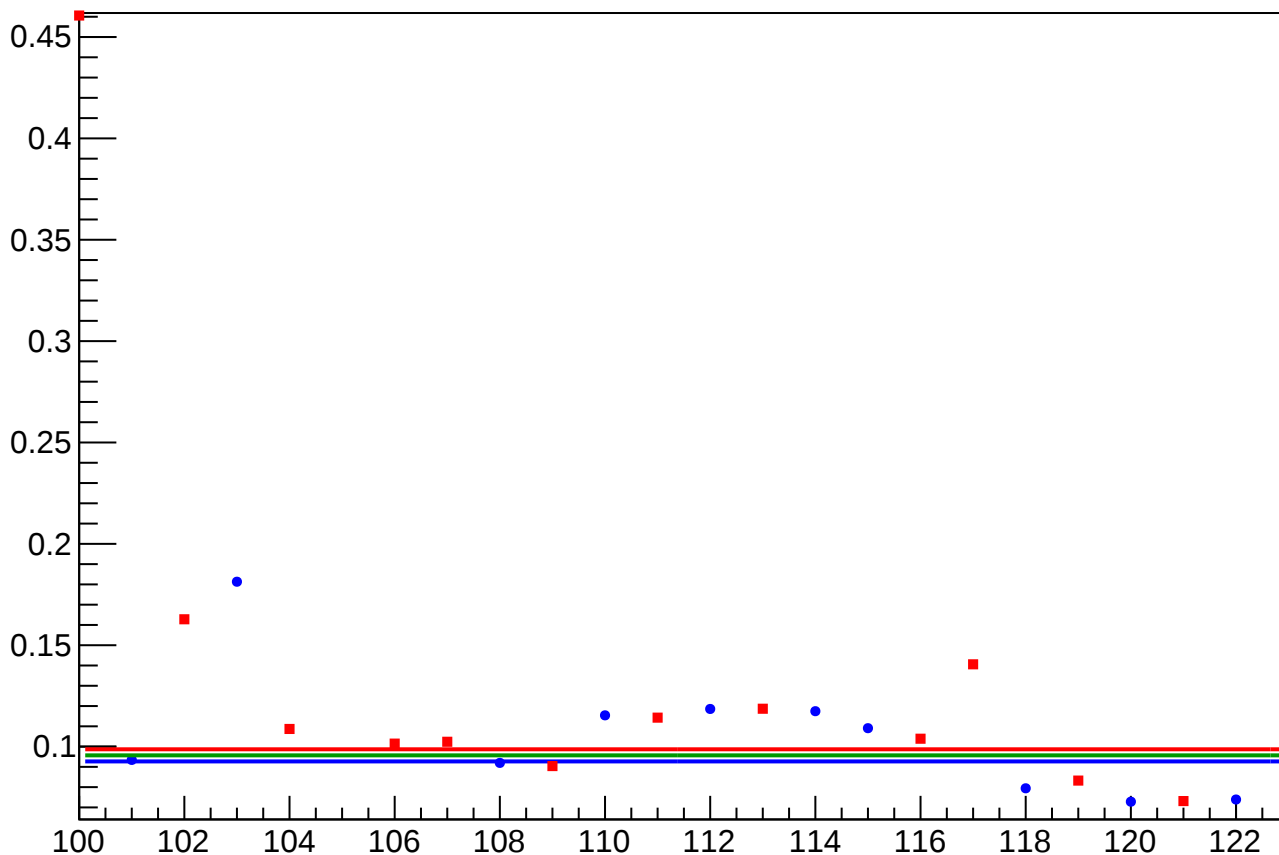
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15.372+/-0.000 χ^2/NDF : 1001758333.4/10

15.576+/-0.000 χ^2/NDF : 2209184419.5/2

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 : 466730.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.099+/-0.000 χ^2/NDF : 419258.7/11

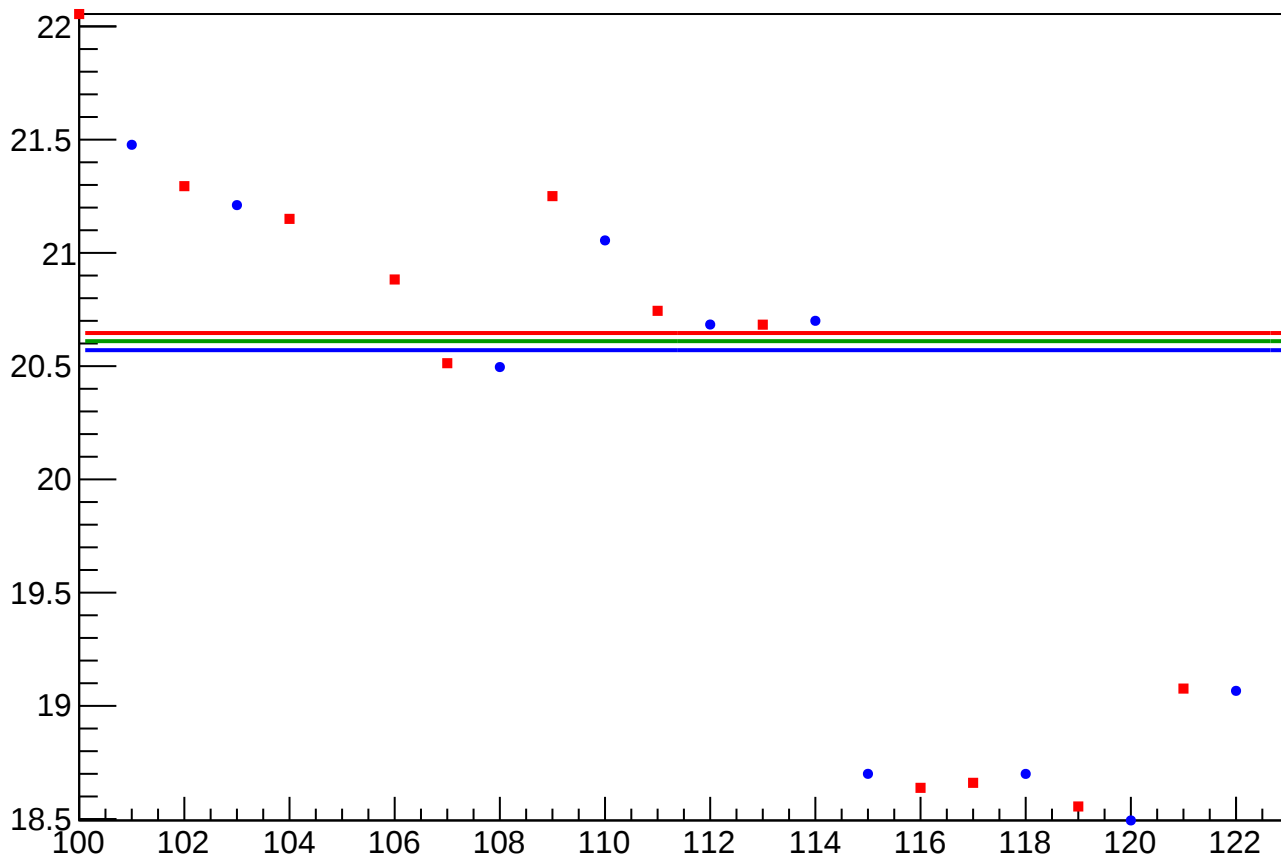
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.093+/-0.000 χ^2/NDF : 466730.5/10

0.096+/-0.000 χ^2/NDF : 899236.5/22

0.099+/-0.000 χ^2/NDF : 419258.7/11

yield_sam5_mean vs Slug, Sign Corrected



Right In: 20.571+/-0.000 χ^2/NDF : 4012207628.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.646+/-0.000 χ^2/NDF : 3478114078.9/11

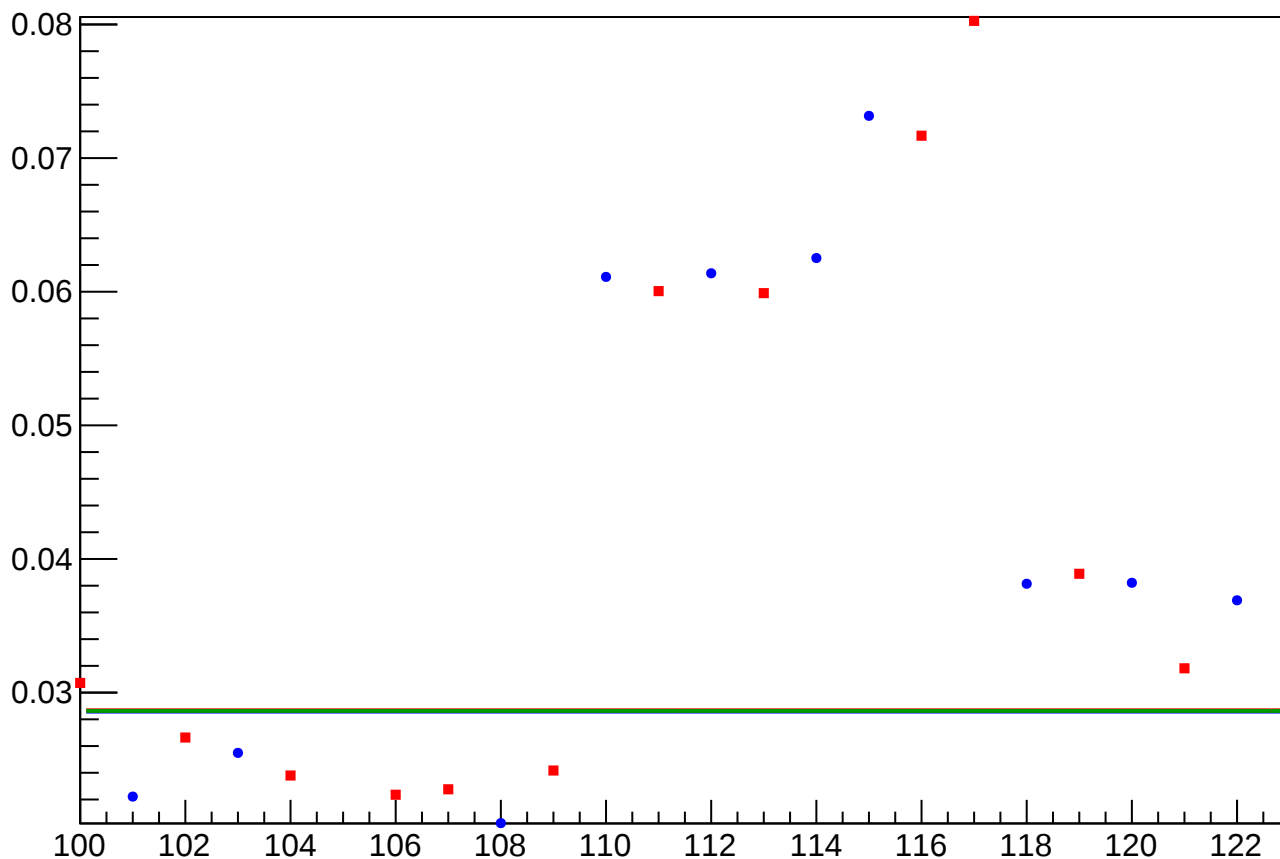
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

20.571+/-0.000 χ^2/NDF : 4012207628.1/10

20.610+/-0.000 χ^2/NDF : 7501753803.9/2

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 : 950517.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.029+/-0.000 χ^2/NDF : 885662.5/11

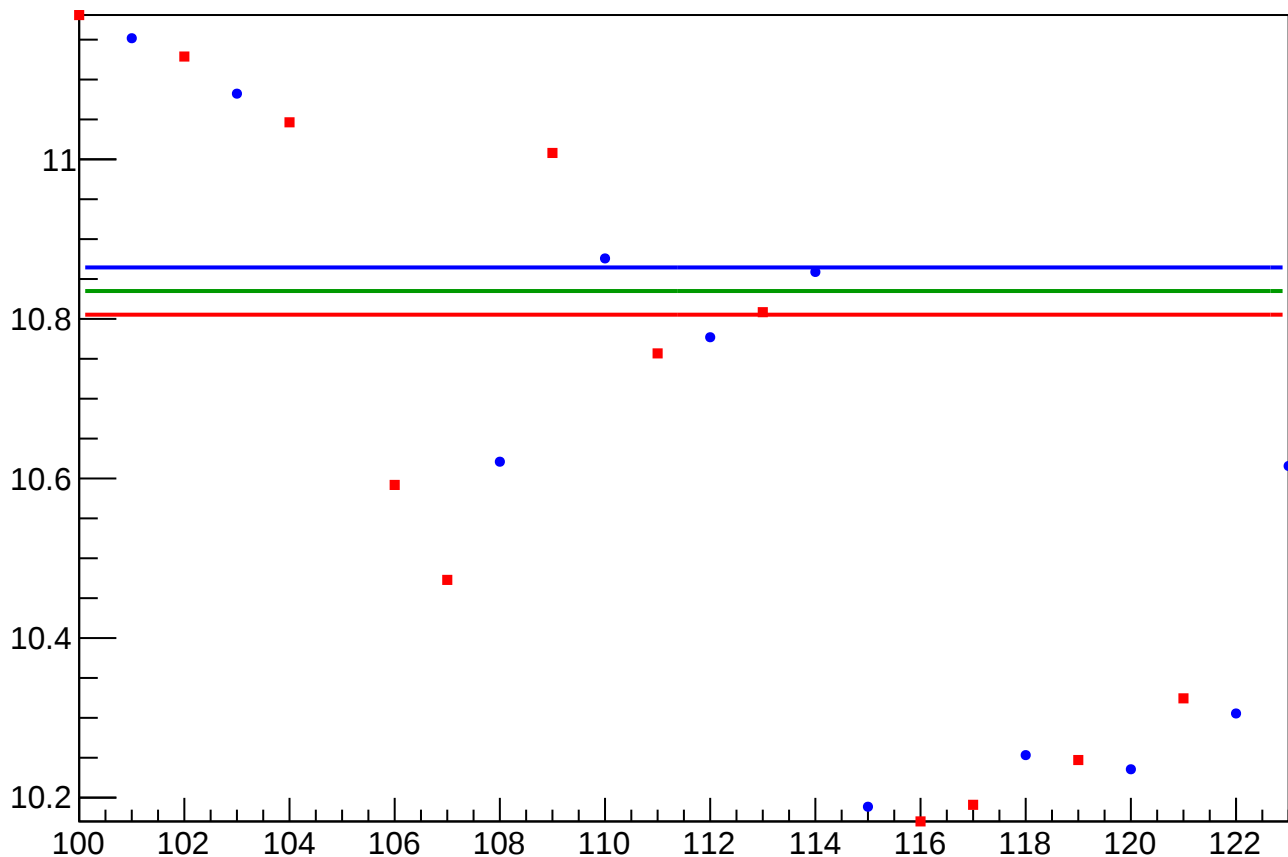
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.029+/-0.000 χ^2/NDF : 950517.9/10

0.029+/-0.000 χ^2/NDF : 1836211.8/22

0.029+/-0.000 χ^2/NDF : 885662.5/11

yield_sam6_mean vs Slug, Sign Corrected



Right In: 10.865+/-0.000 χ^2/NDF : 1992273370.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.805+/-0.000 χ^2/NDF : 1738578366.7/11

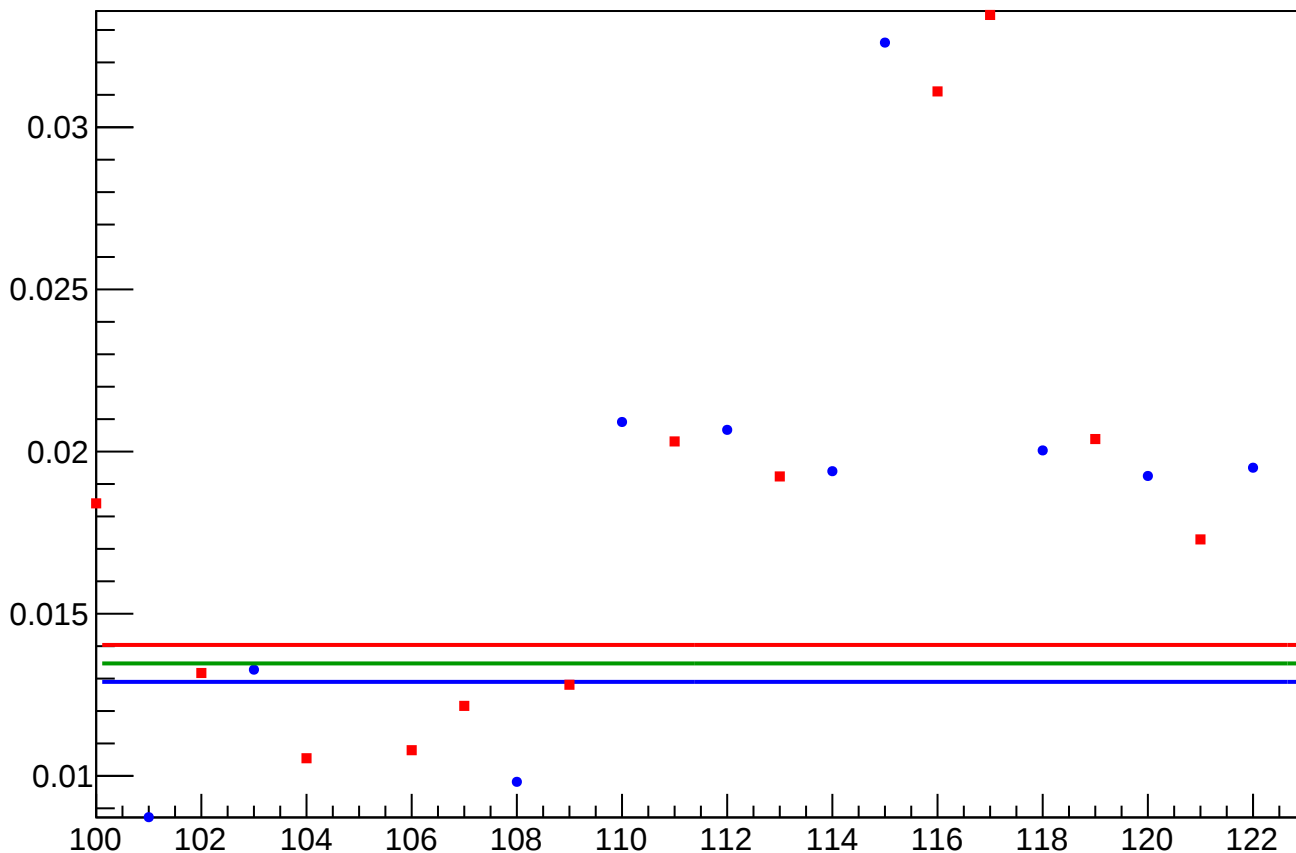
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.865+/-0.000 χ^2/NDF : 1992273370.4/10

10.835+/-0.000 χ^2/NDF : 3763085665.9/2

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 : 906239.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 606197.6/11

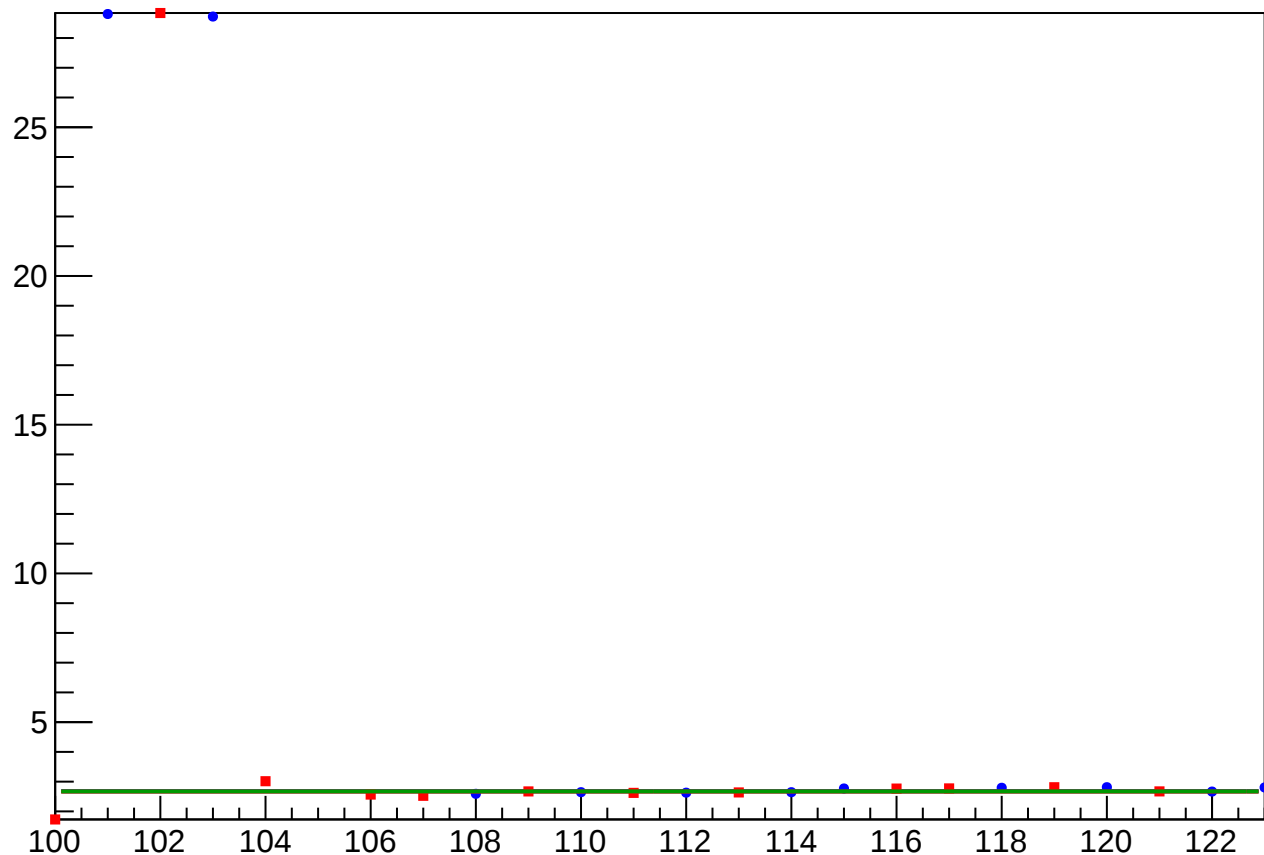
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 906239.4/10

0.013+/-0.000 χ^2/NDF : 1536278.7/22

0.014+/-0.000 χ^2/NDF : 606197.6/11

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.678+/-0.000 χ^2/NDF : 162029614335.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.667+/-0.000 χ^2/NDF : 69273274187.8/11

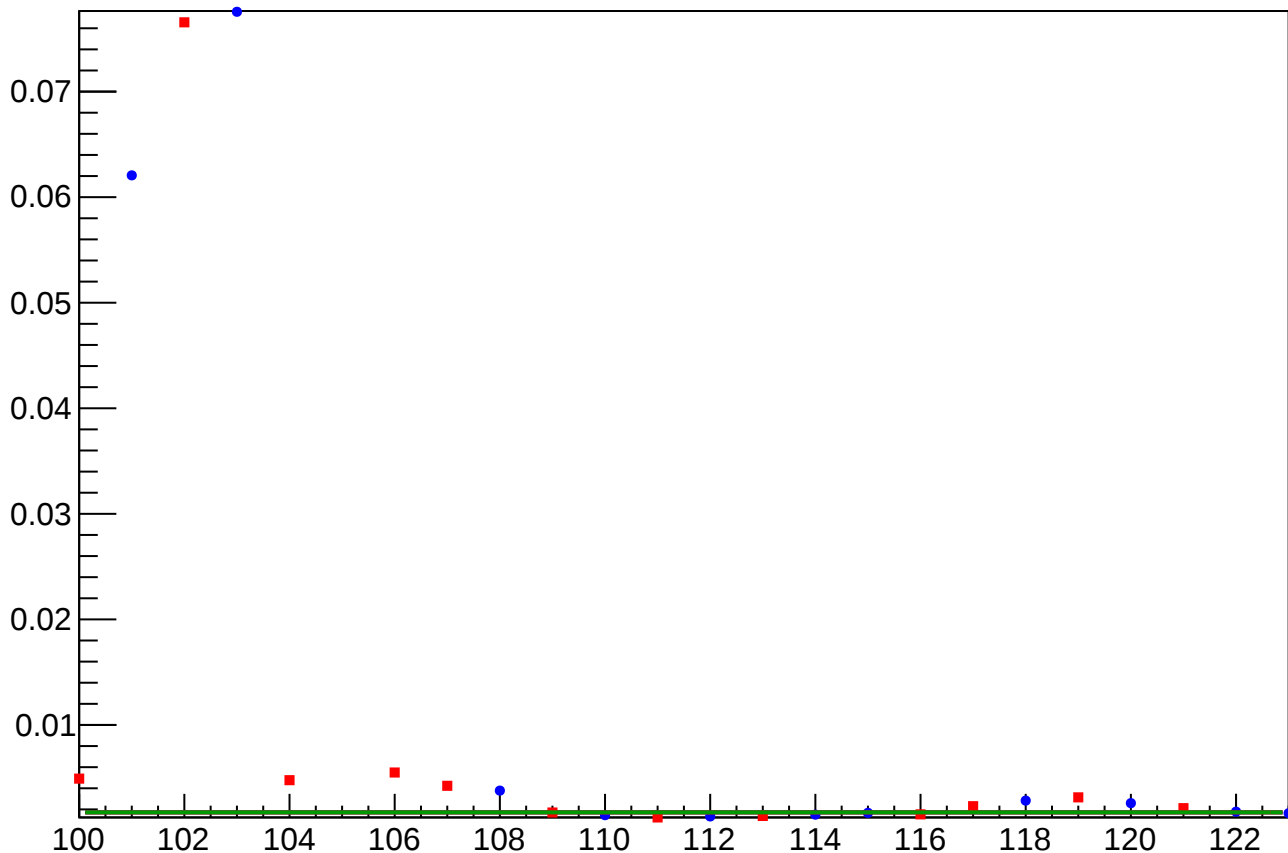
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.678+/-0.000 χ^2/NDF : 162029614335.7/10

2.672+/-0.000 χ^2/NDF : 231349958727.3/11

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 : 2570160.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2125648.3/11

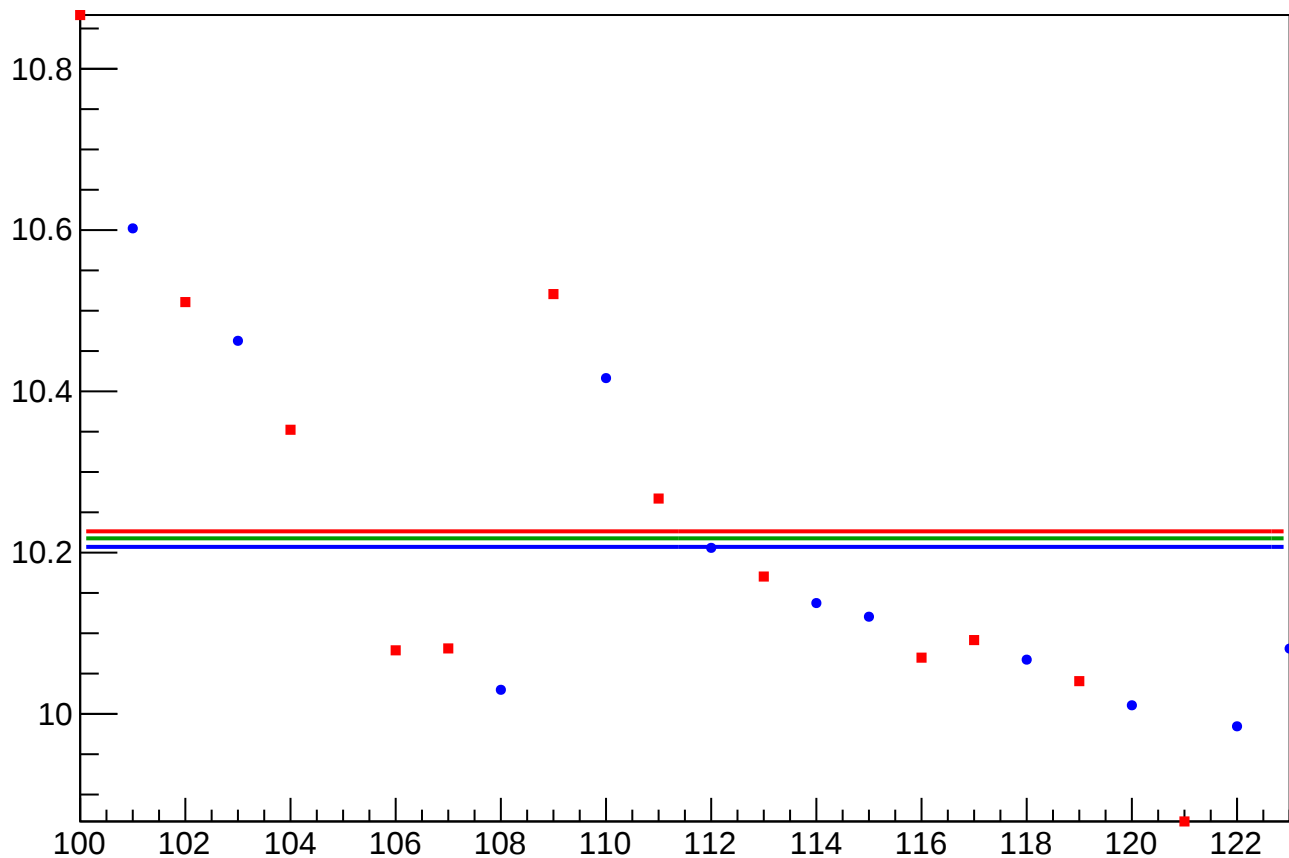
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 2570160.8/10

0.002+/-0.000 χ^2/NDF : 4695857.7/22

0.002+/-0.000 χ^2/NDF : 2125648.3/11

yield_sam8_mean vs Slug, Sign Corrected



Right In: 10.207+/-0.000 χ^2/NDF : 2888727097.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.226+/-0.000 χ^2/NDF : 3686078059.8/11

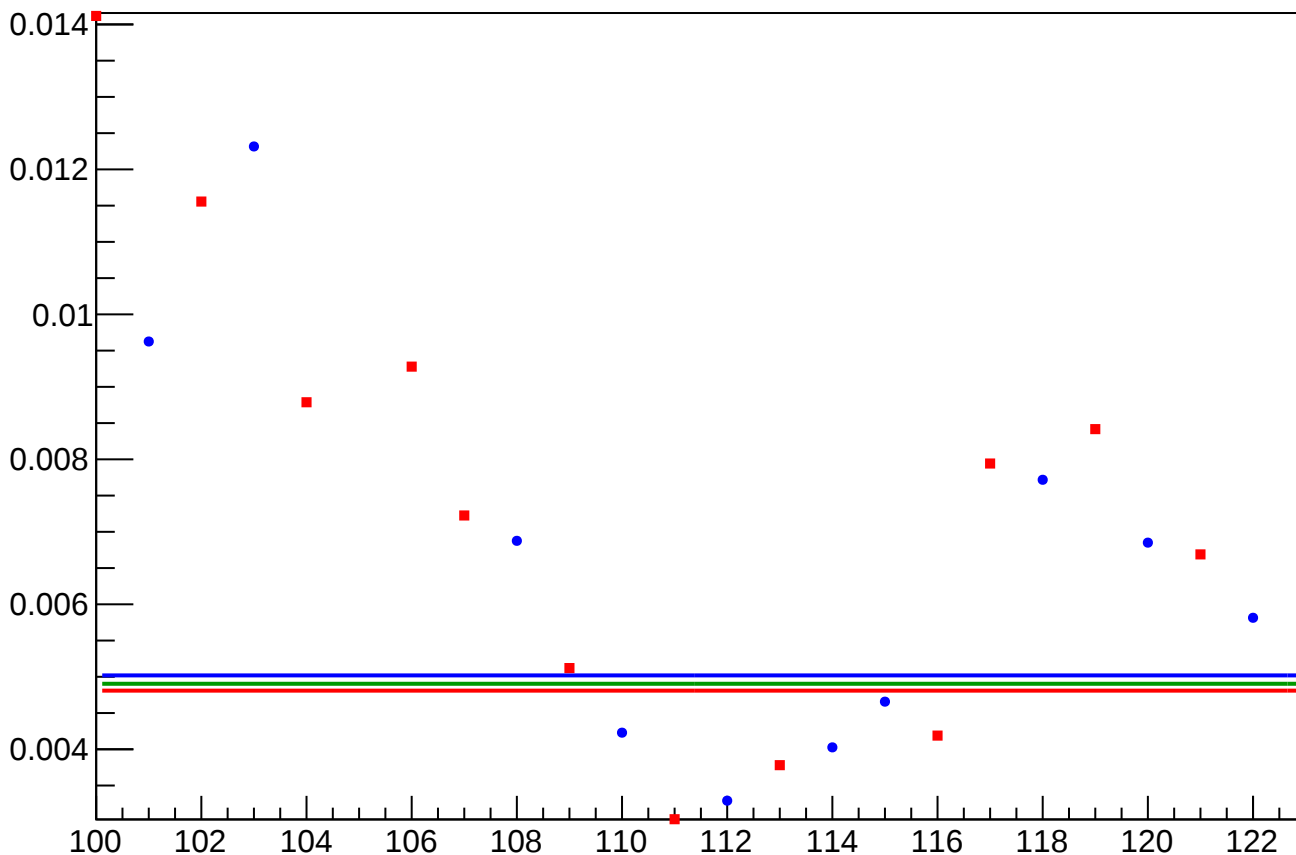
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.207+/-0.000 χ^2/NDF : 2888727097.6/10

10.218+/-0.000 χ^2/NDF : 6597490479.2/2

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 : 1095601.2/10

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 : 1095601.2/10

0.005+/-0.000 χ^2/NDF : 2444439.7/22

0.005+/-0.000 χ^2/NDF : 1343444.9/11

cor_sam1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

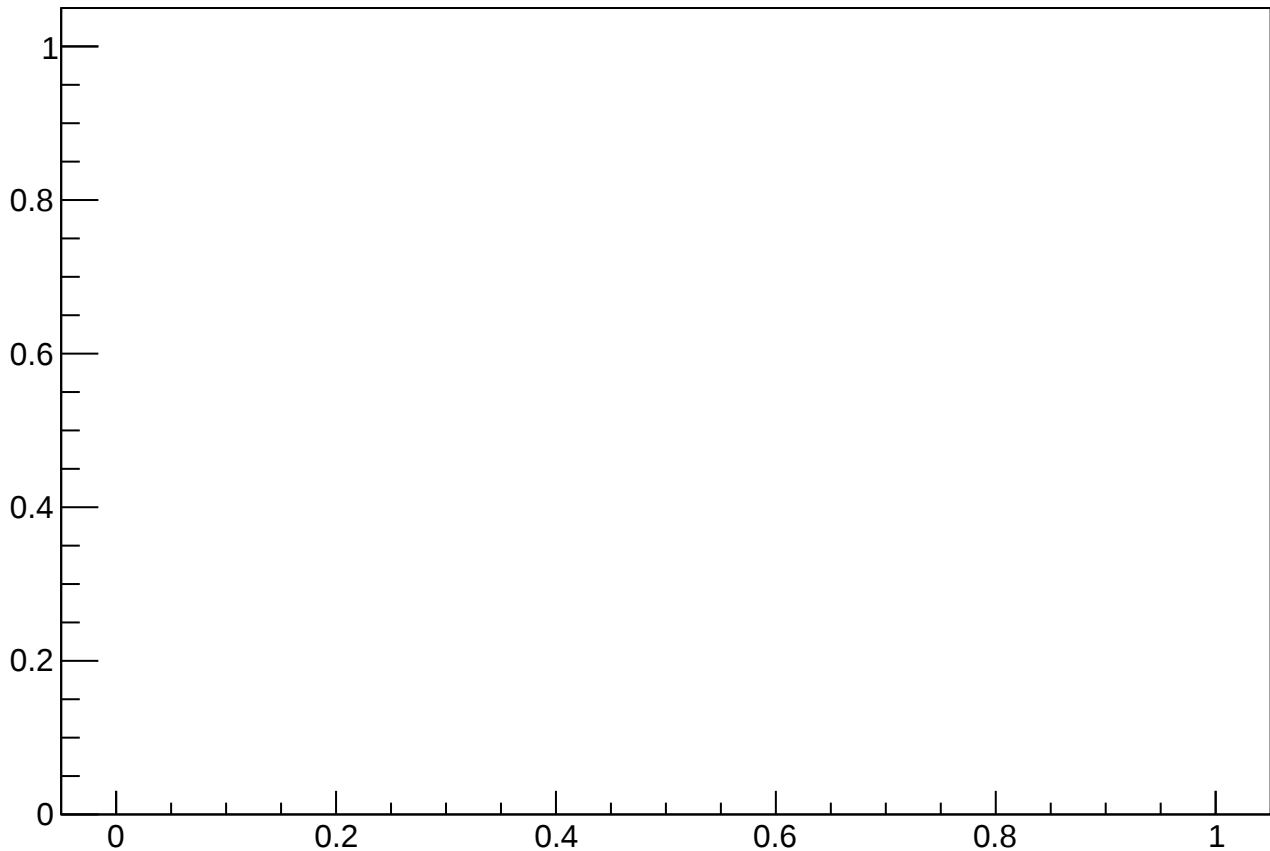
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

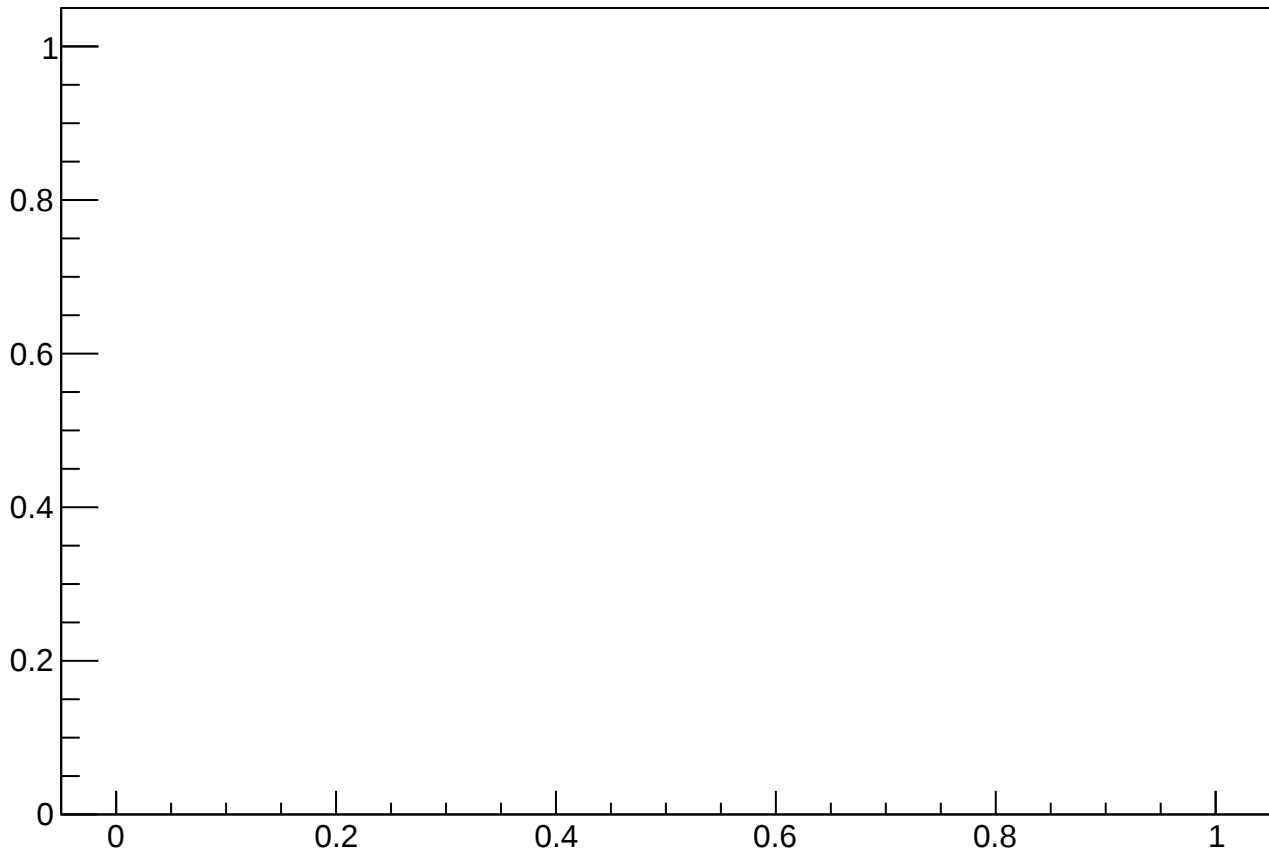
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

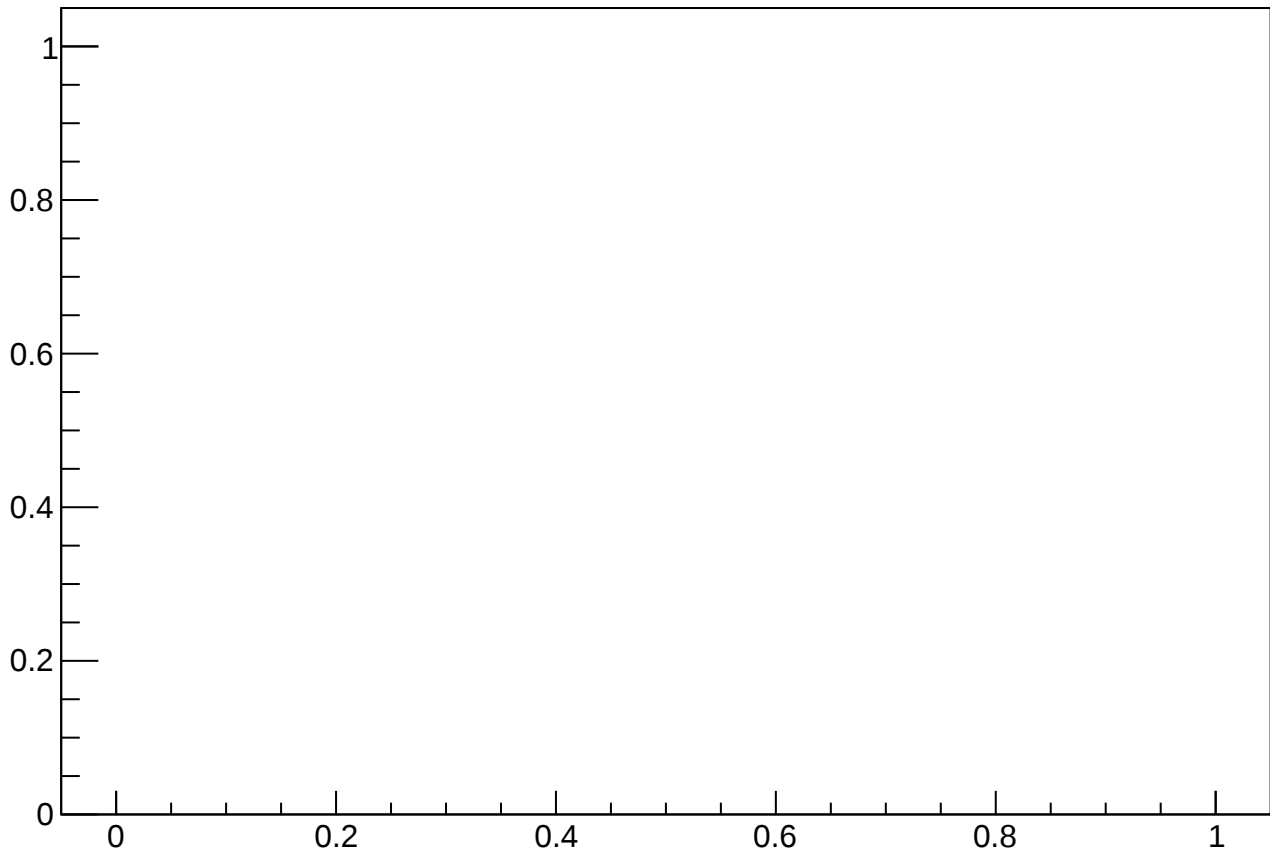
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam2_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_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

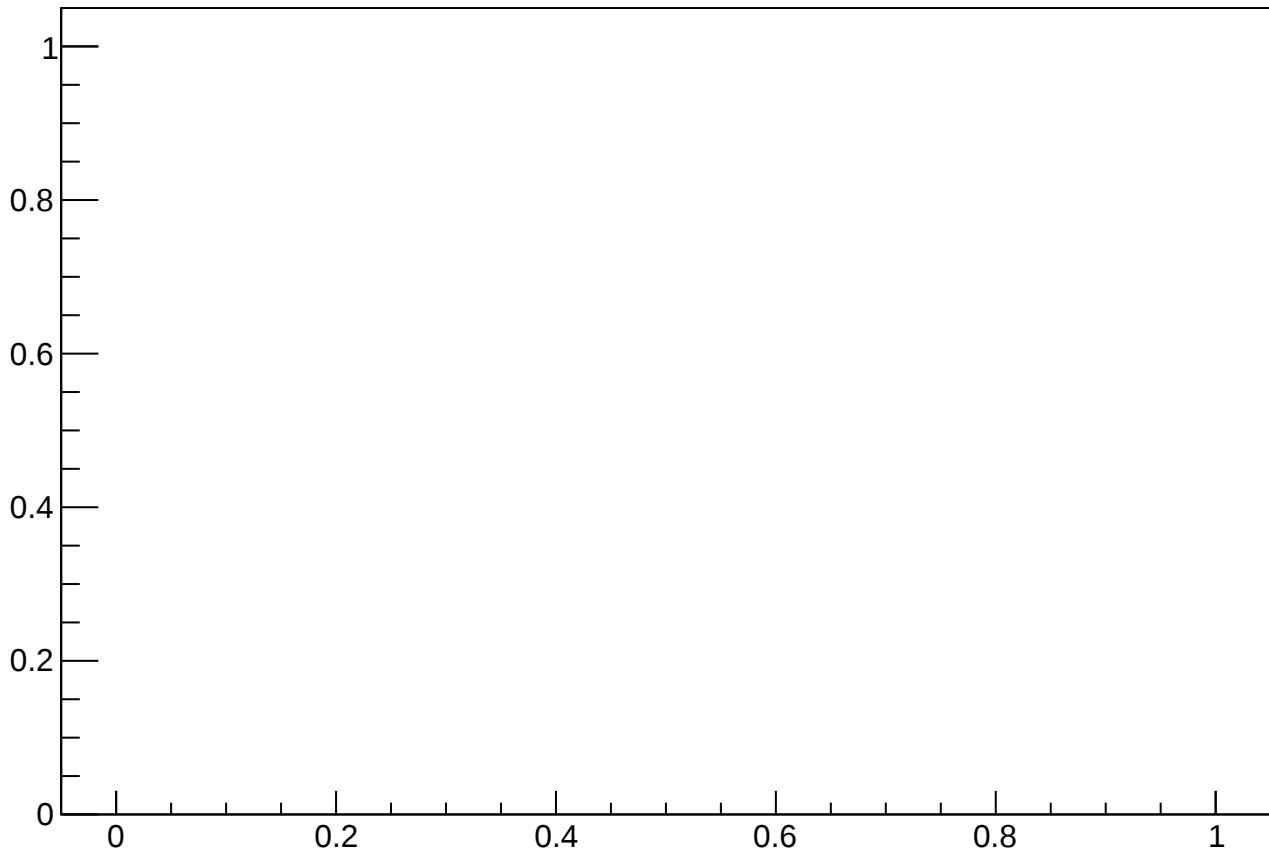
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

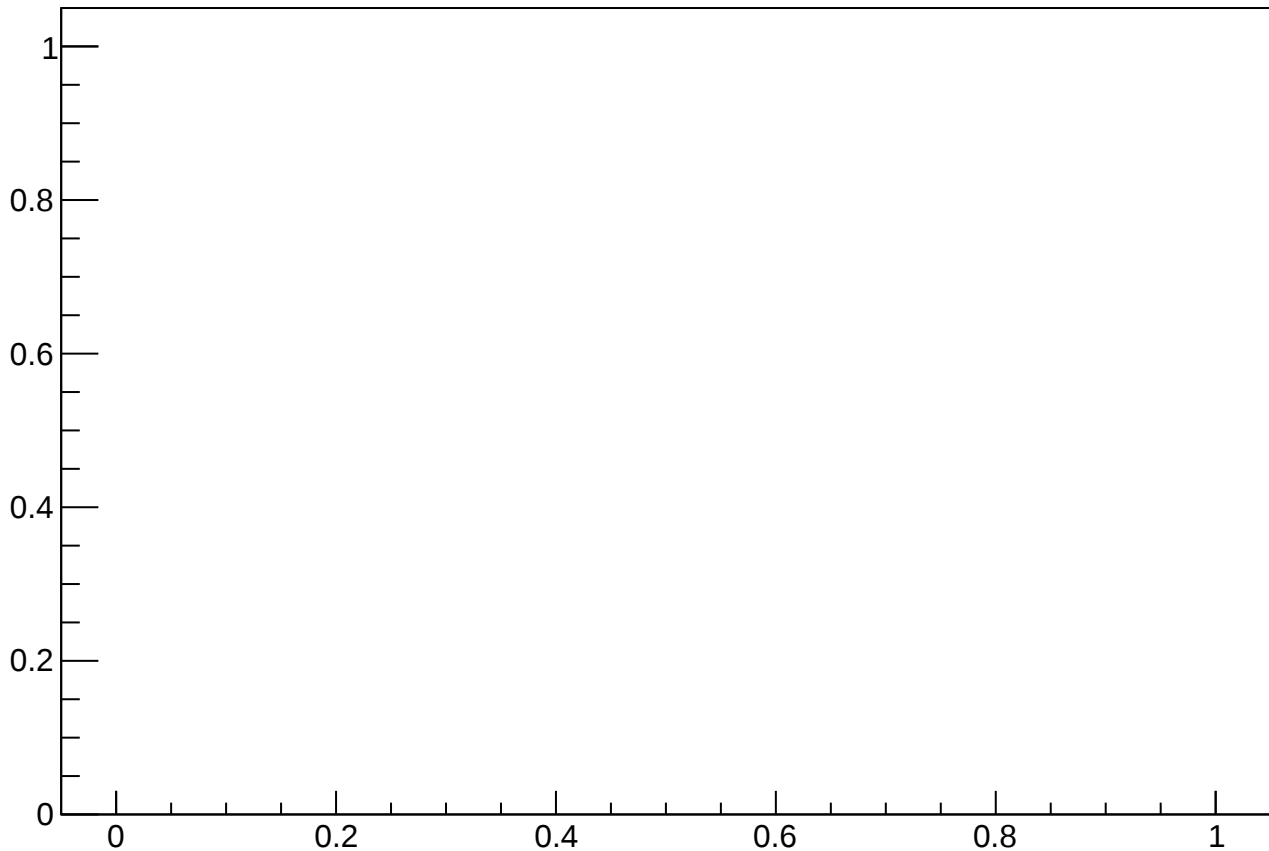
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

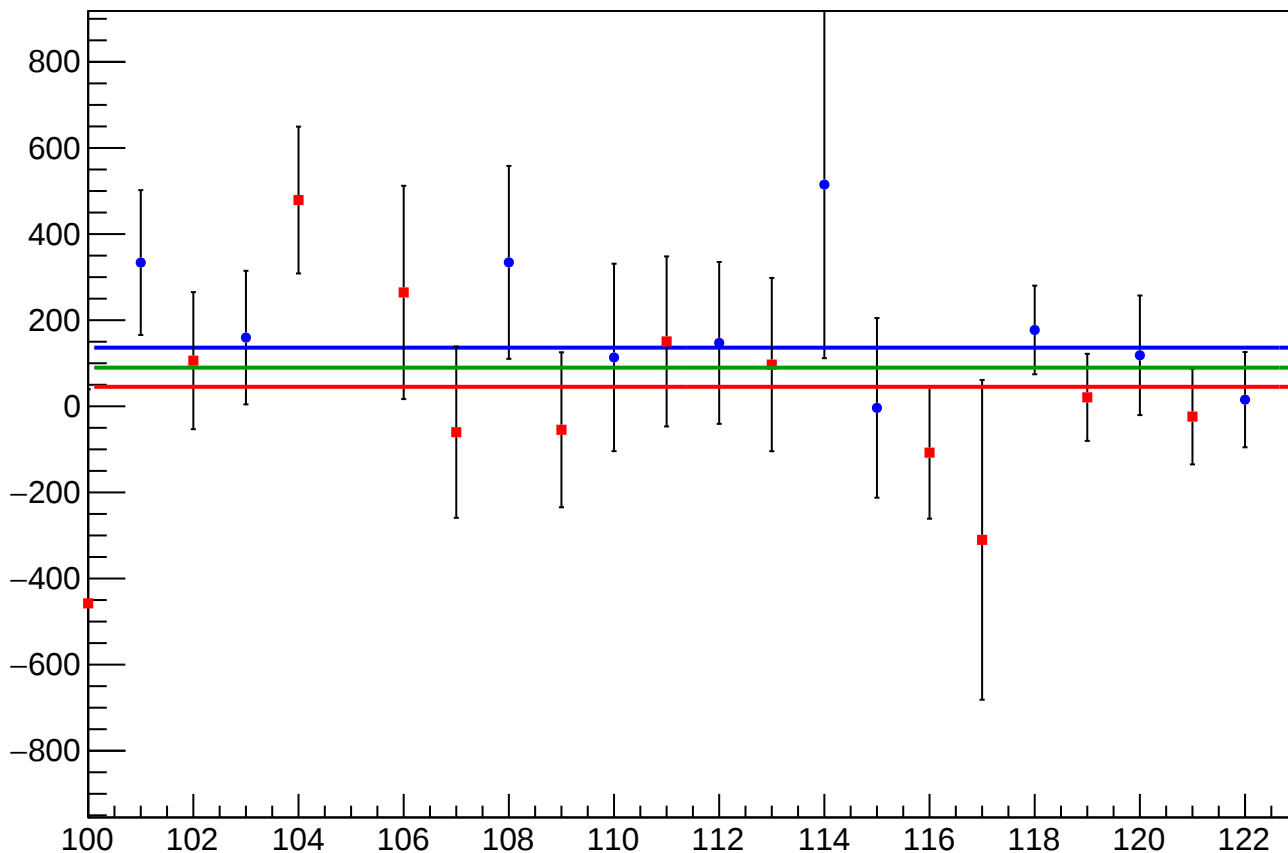
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 136.222 $\pm$ 49.312 χ^2 /NDF: 6.8/10

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

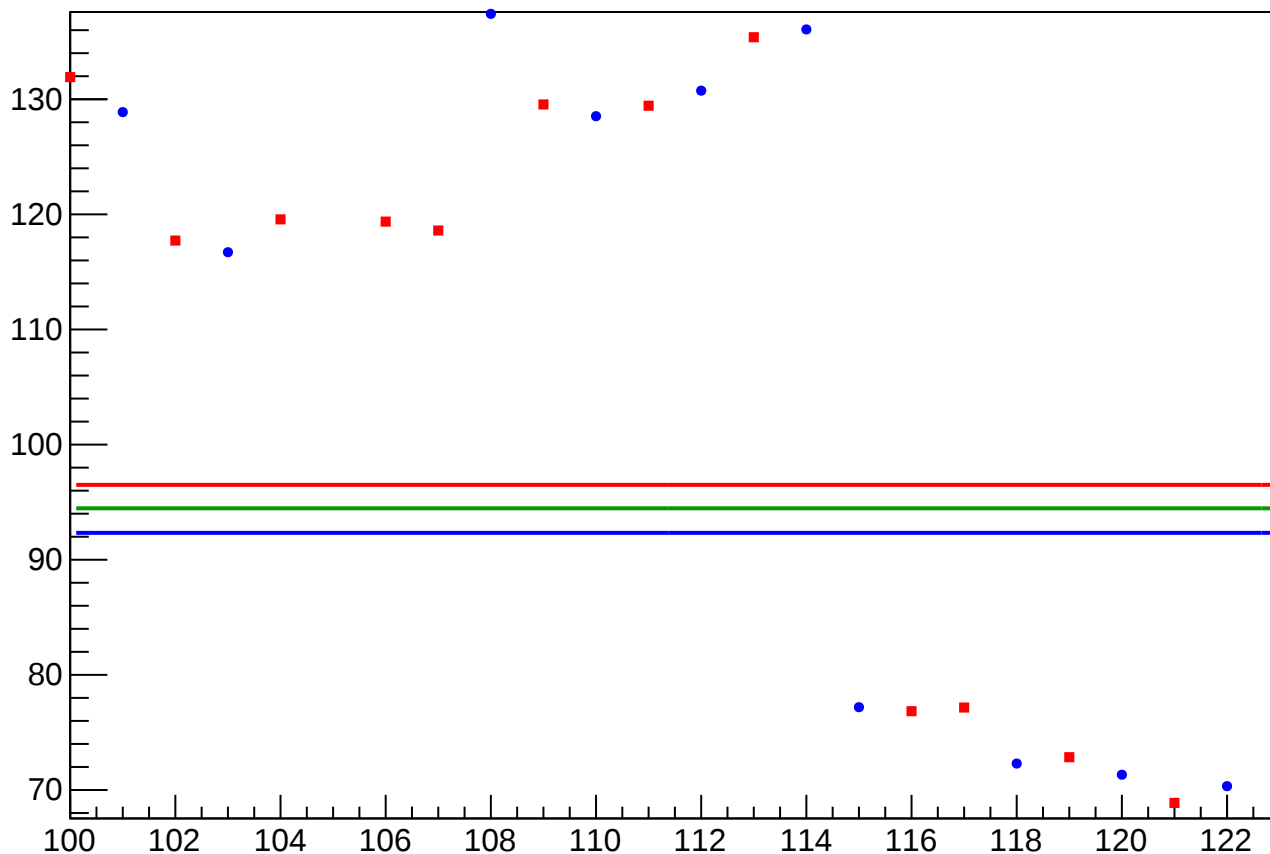
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

136.222 $\pm$ 49.312 χ^2 /NDF: 6.8/10

89.778 $\pm$ 34.492 χ^2 /NDF: 20.3/22

45.291 $\pm$ 48.262 χ^2 /NDF: 11.7/11

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 92.337+/-0.035 χ^2 /NDF: 607868.0/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 96.504+/-0.034 χ^2 /NDF: 593155.5/11

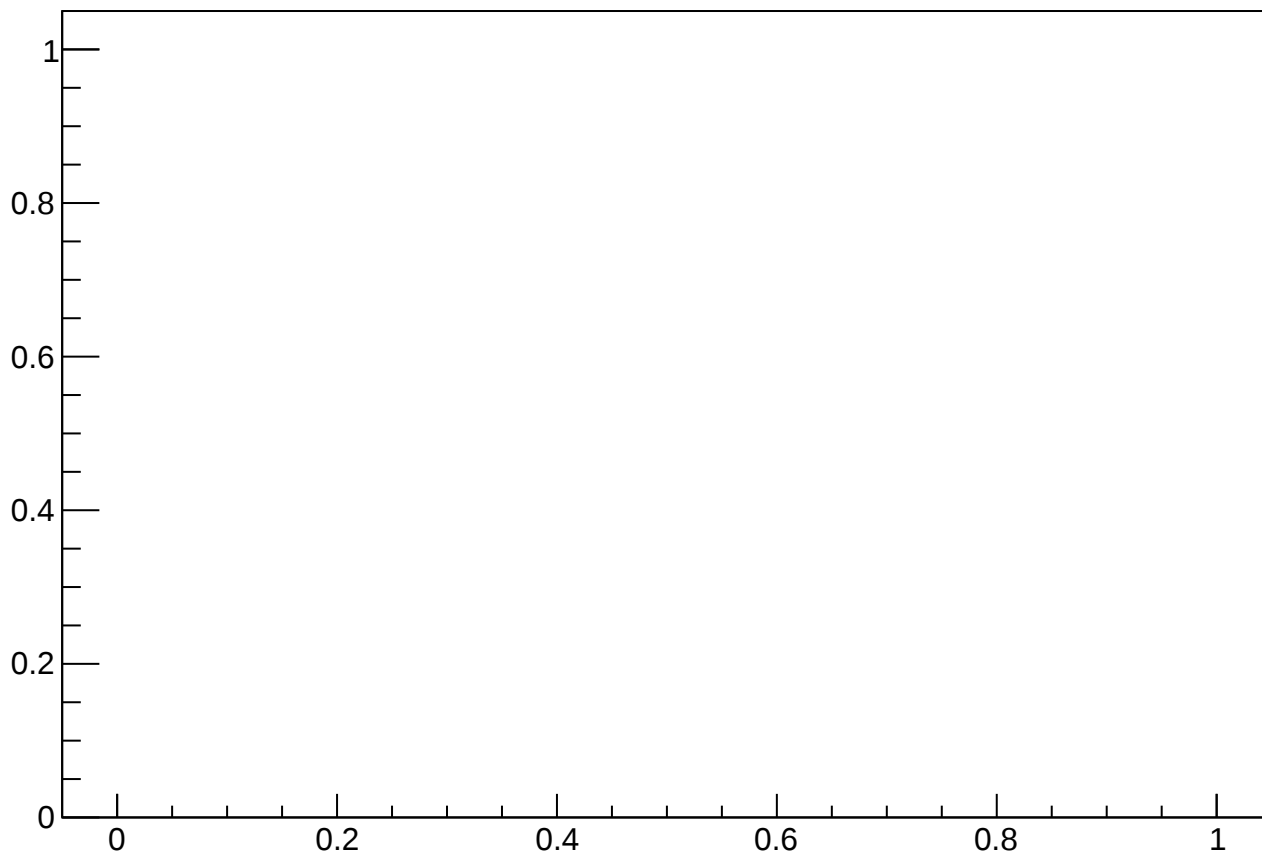
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

92.337+/-0.035 χ^2 /NDF: 607868.0/10

94.465+/-0.024 χ^2 /NDF: 1208317.3/22

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

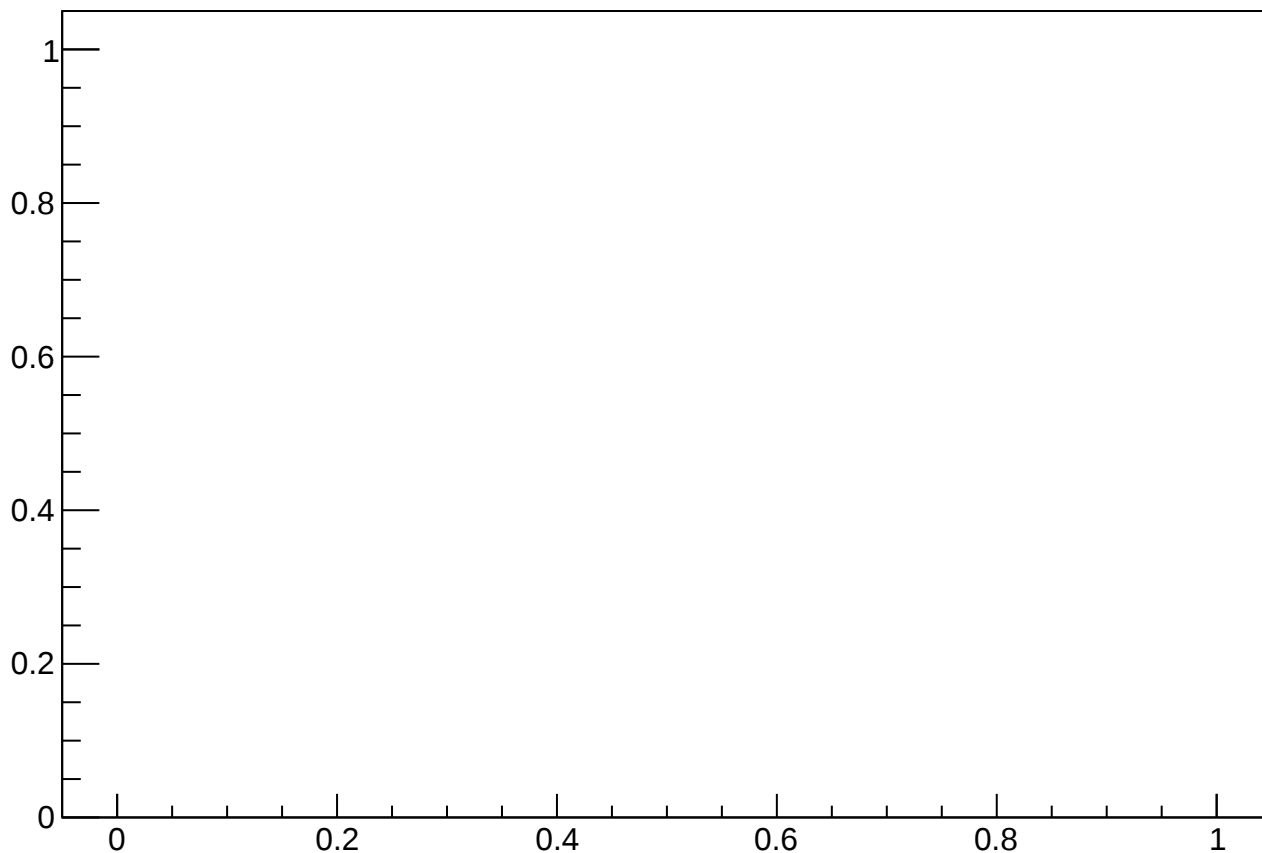
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

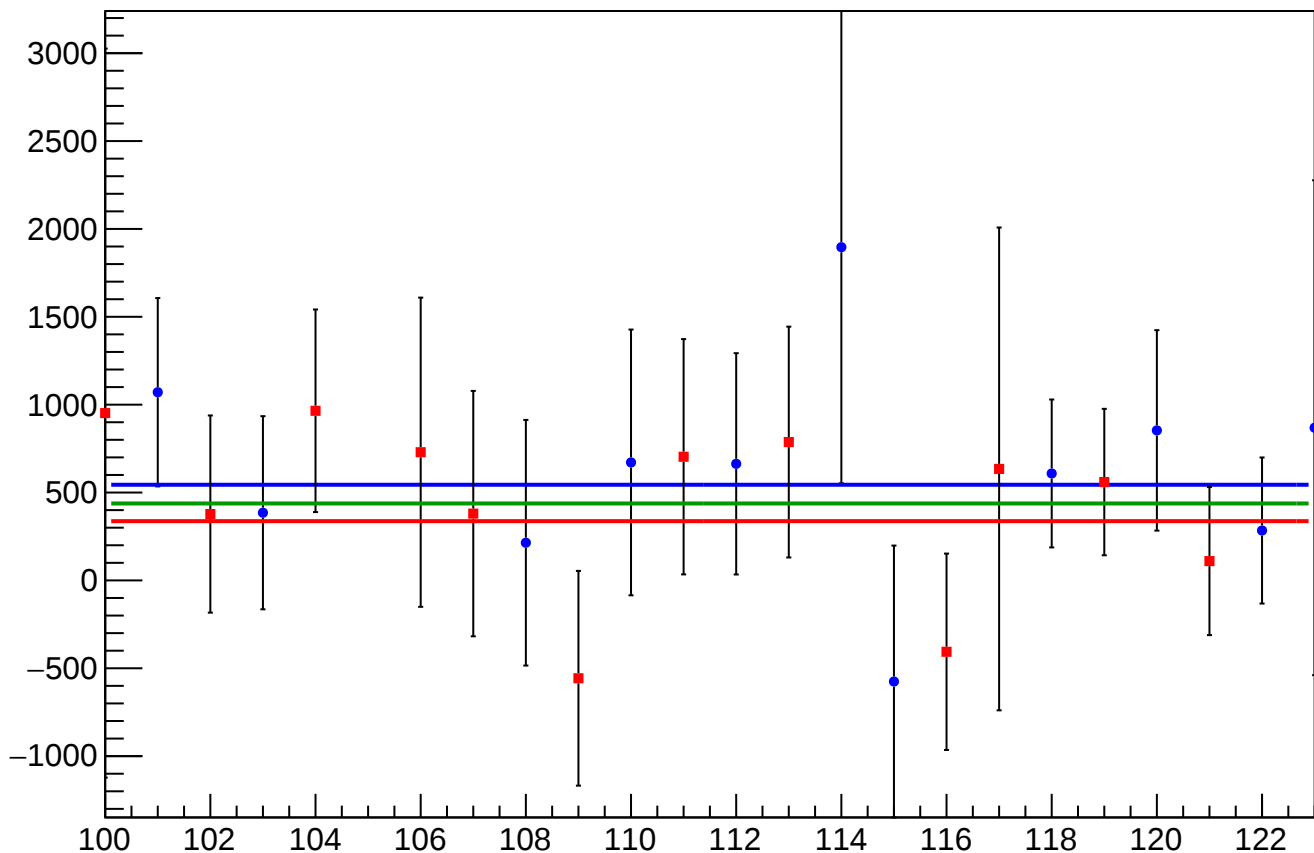
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 544.312+/-181.513 χ^2/NDF : 5.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 337.180+/-176.449 χ^2/NDF : 6.8/11

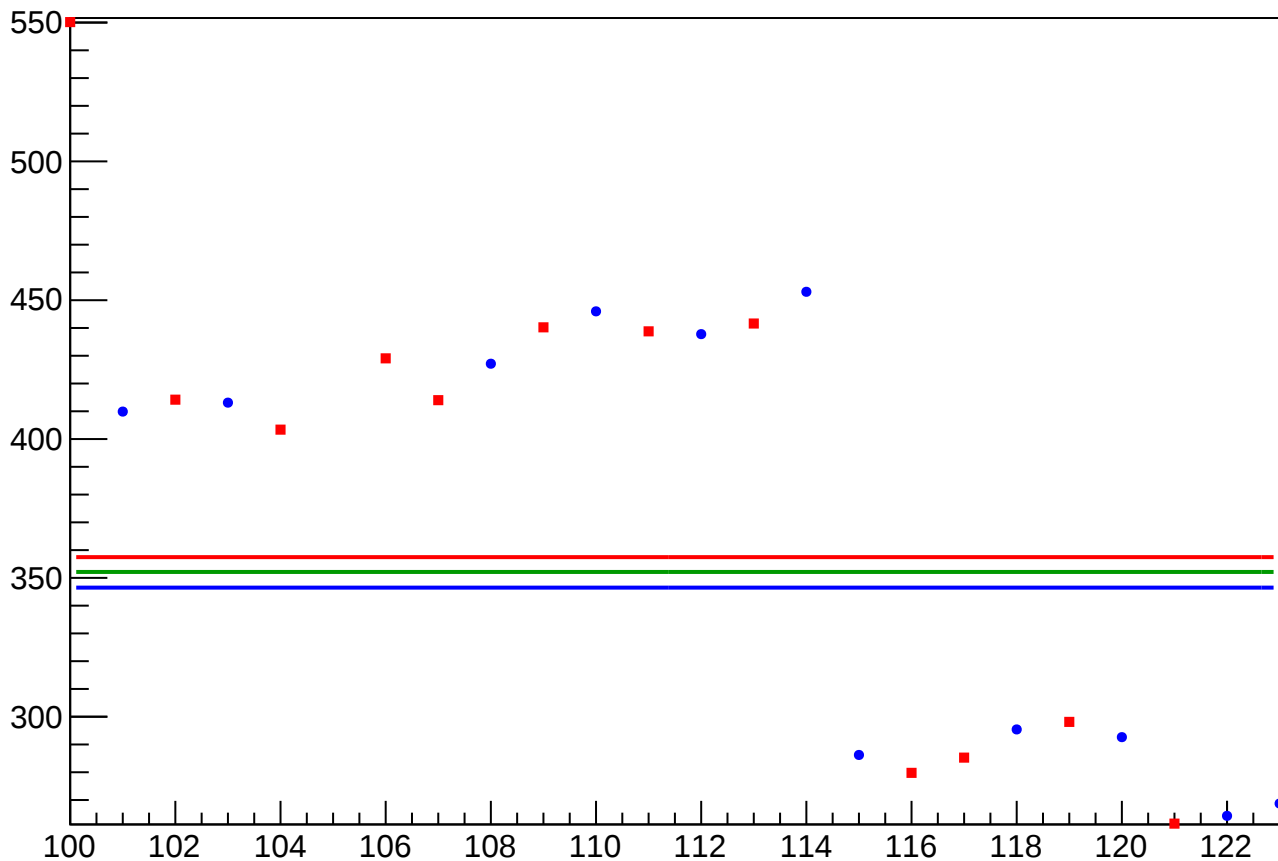
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

544.312+/-181.513 χ^2/NDF : 5.2/10

437.816+/-126.521 χ^2/NDF : 12.7/22

337.180+/-176.449 χ^2/NDF : 6.8/11

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 346.492 $\pm$ 0.128 χ^2 /NDF: 317016.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 357.471 $\pm$ 0.125 χ^2 /NDF: 364332.8/11

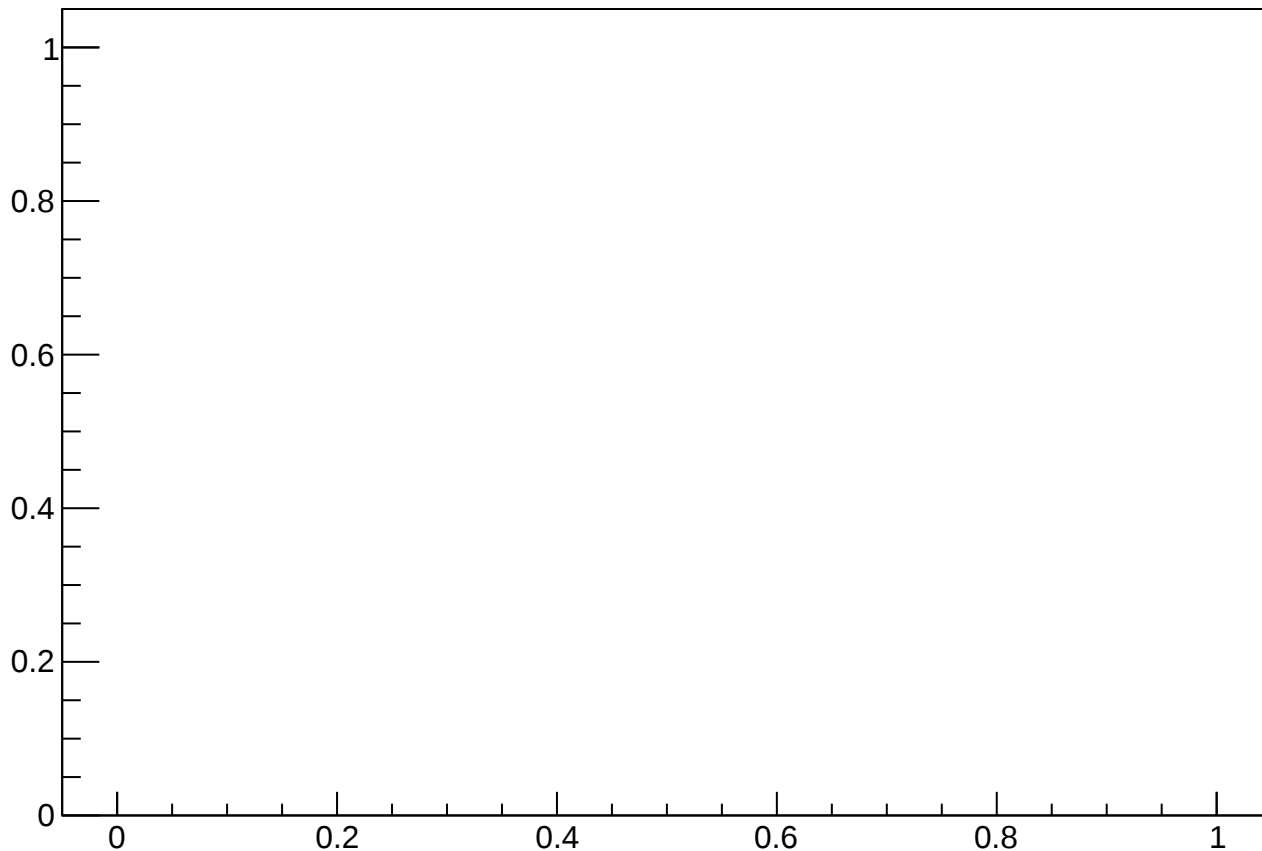
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

346.492 $\pm$ 0.128 χ^2 /NDF: 317016.4/10

352.137 $\pm$ 0.089 χ^2 /NDF: 685111.3/22

357.471 $\pm$ 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

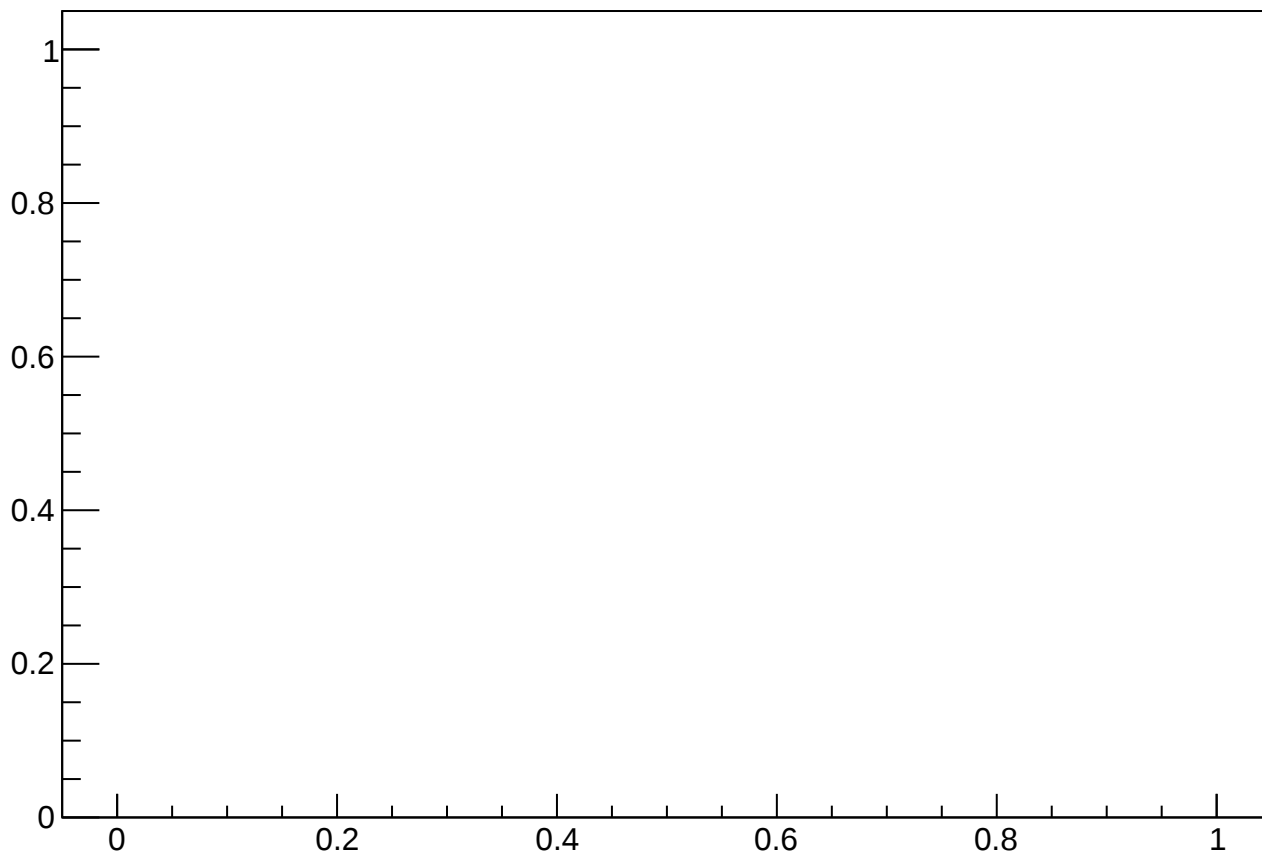
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

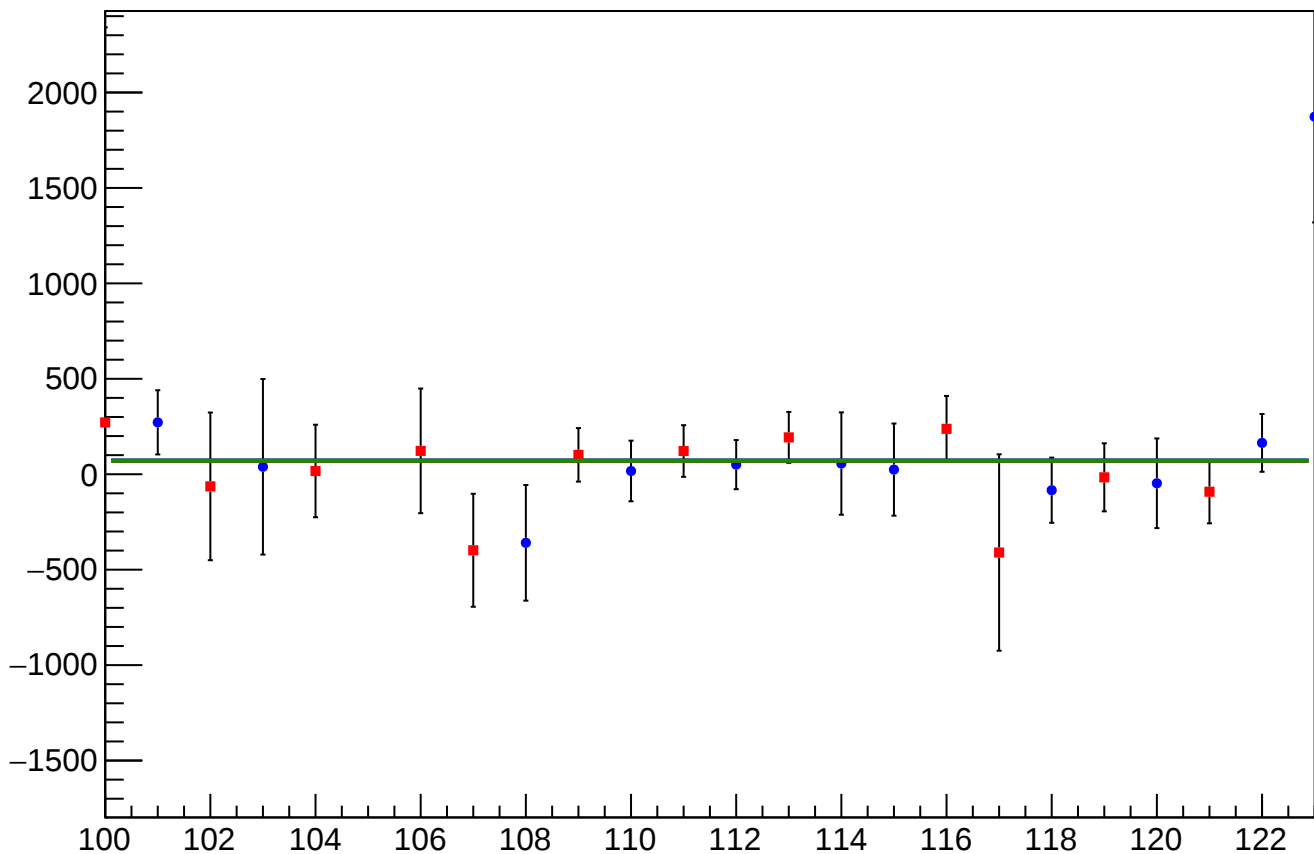
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 72.289+/-59.609 χ^2/NDF : 15.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.969+/-56.637 χ^2/NDF : 6.8/11

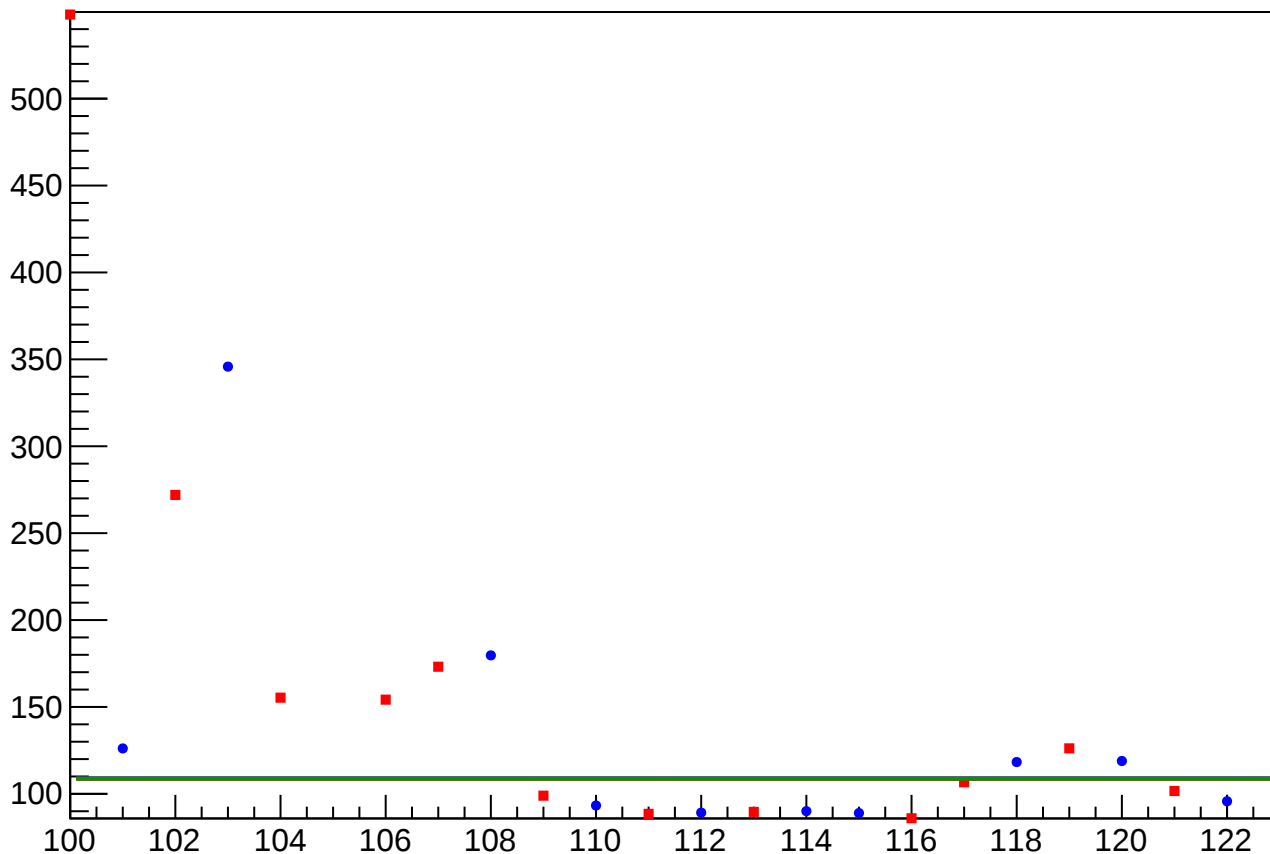
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

72.289+/-59.609 χ^2/NDF : 15.7/10

71.070+/-41.059 χ^2/NDF : 22.4/22

69.969+/-56.637 χ^2/NDF : 6.8/11

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 108.902+/-0.042 χ^2/NDF : 775512.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.694+/-0.040 χ^2/NDF : 806894.3/11

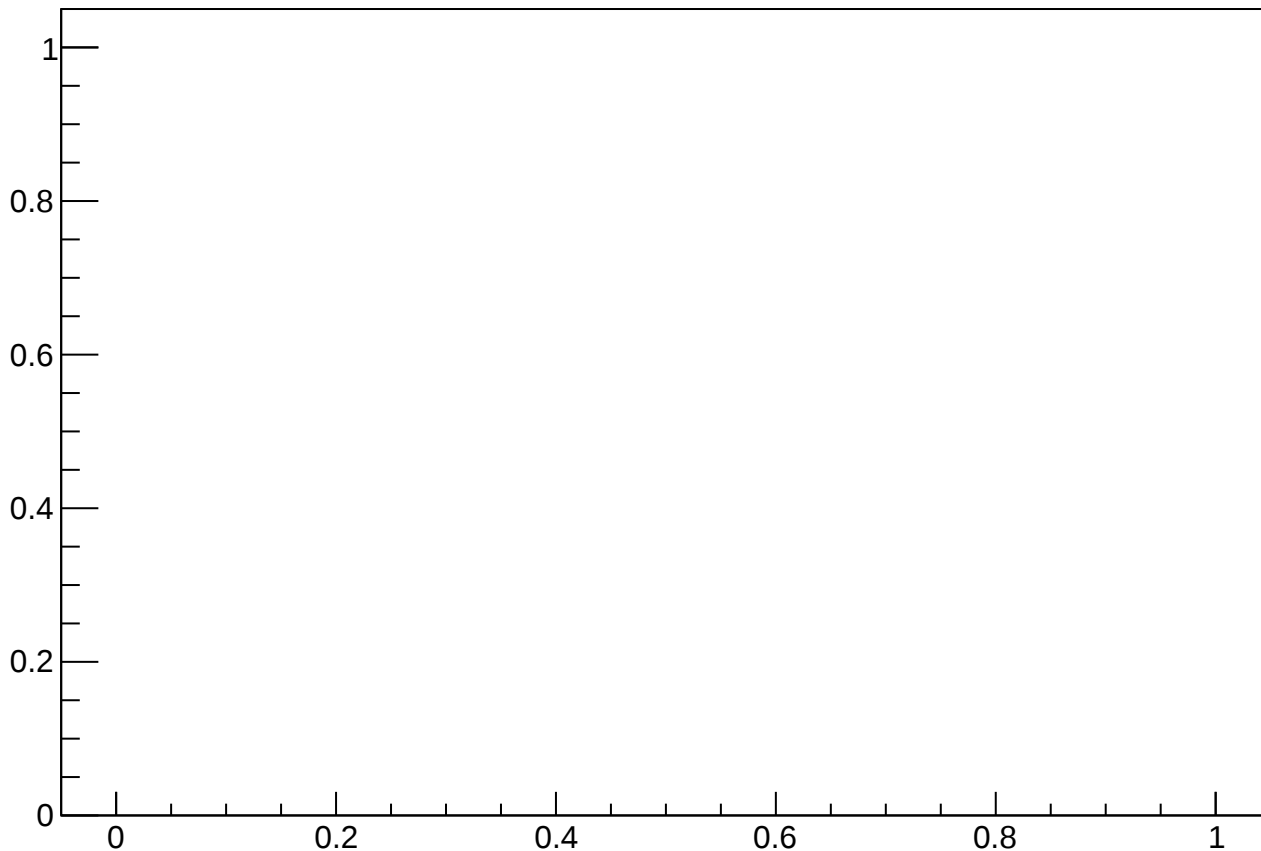
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

108.902+/-0.042 χ^2/NDF : 775512.2/10

108.793+/-0.029 χ^2/NDF : 1582419.3/22

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

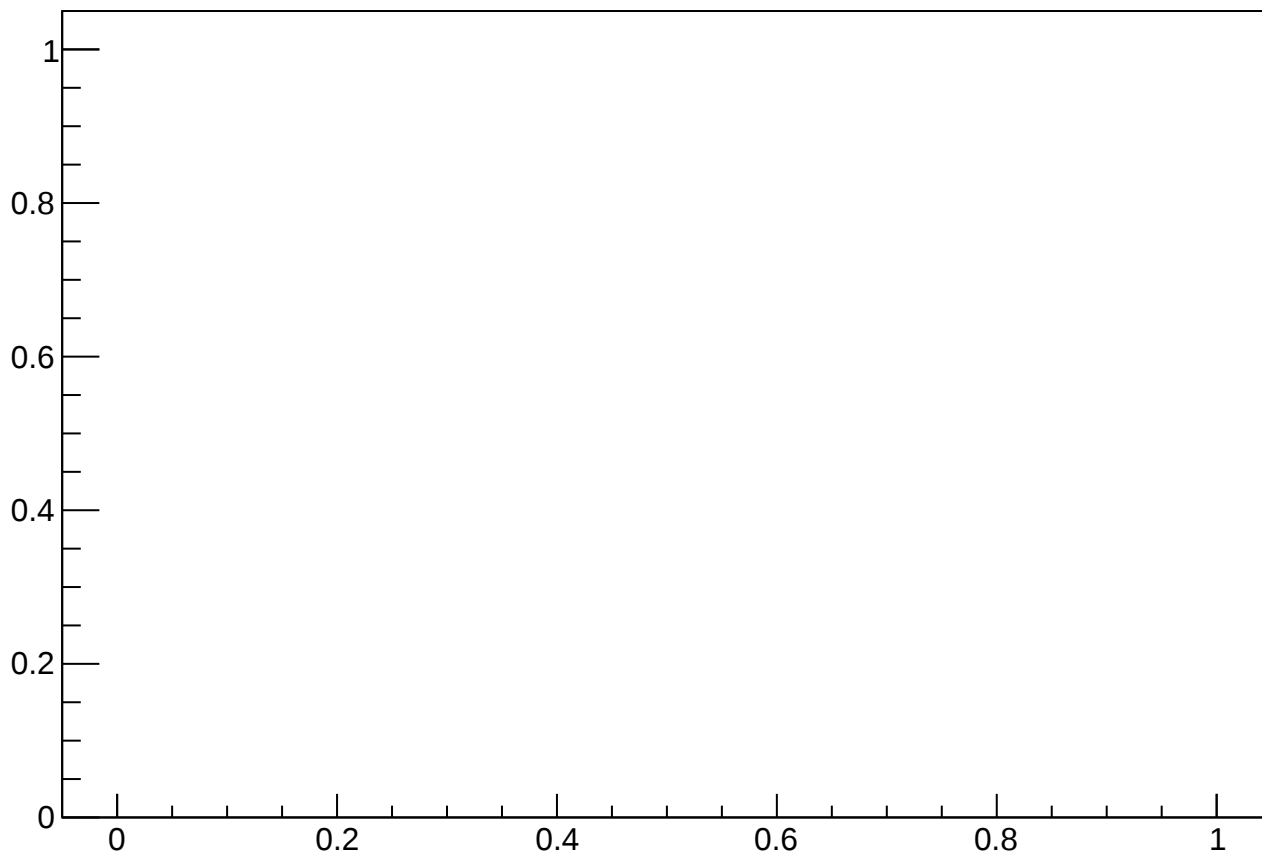
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

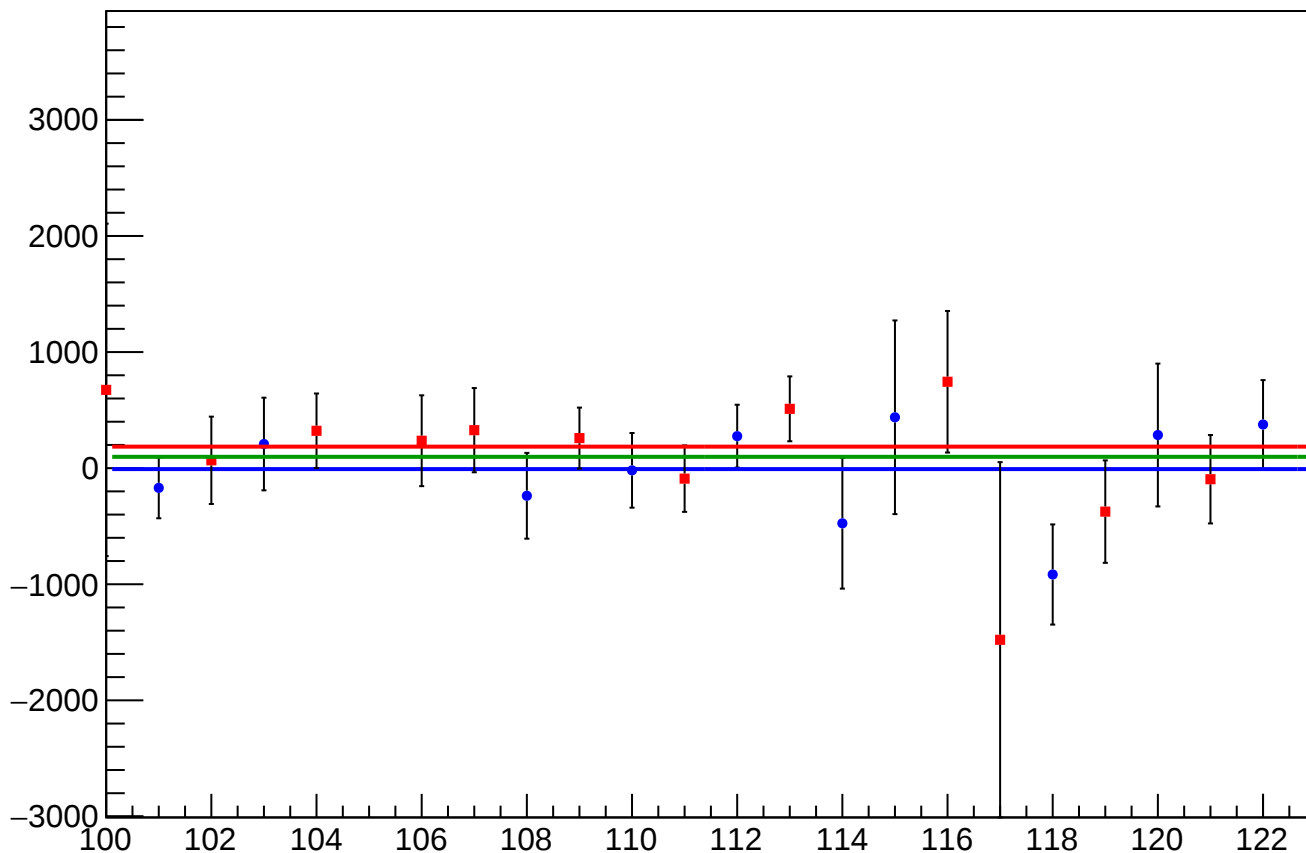
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -8.035 ± 118.326 χ^2/NDF : 11.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 185.368 ± 107.819 χ^2/NDF : 7.1/11

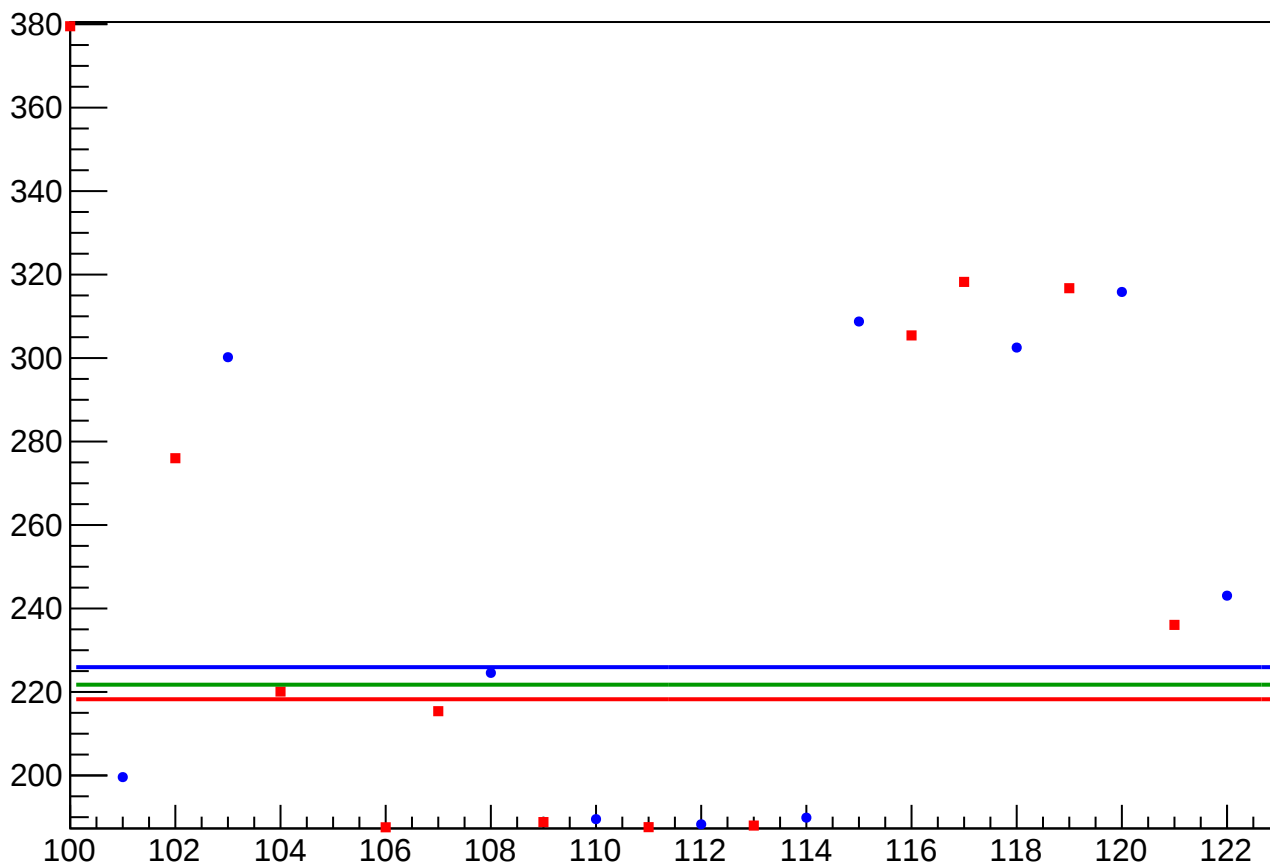
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-8.035 ± 118.326 χ^2/NDF : 11.9/10

97.633 ± 79.696 χ^2/NDF : 20.5/22

185.368 ± 107.819 χ^2/NDF : 7.1/11

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 225.944+/-0.084 χ^2/NDF : 293540.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 218.256+/-0.076 χ^2/NDF : 309822.0/11

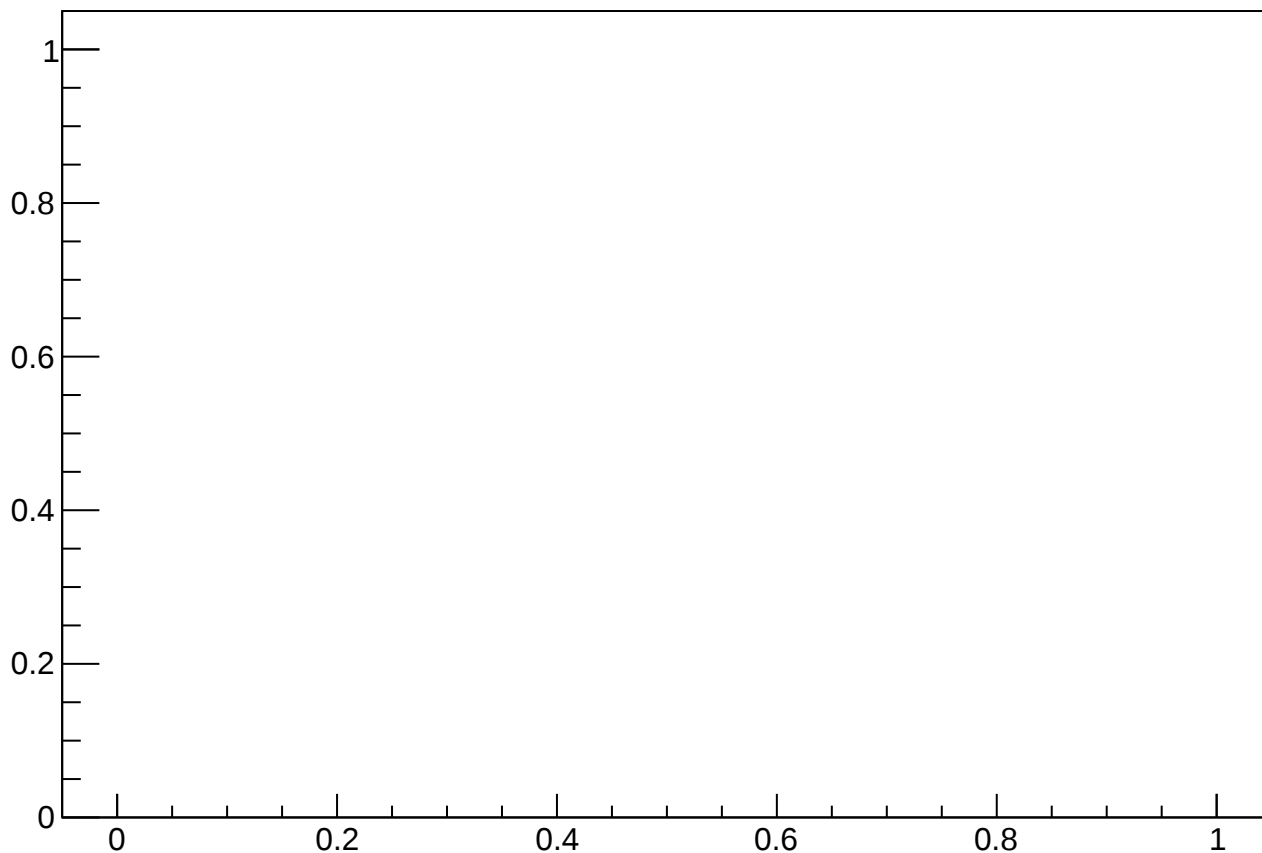
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

225.944+/-0.084 χ^2/NDF : 293540.8/10

221.744+/-0.056 χ^2/NDF : 607975.3/22

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

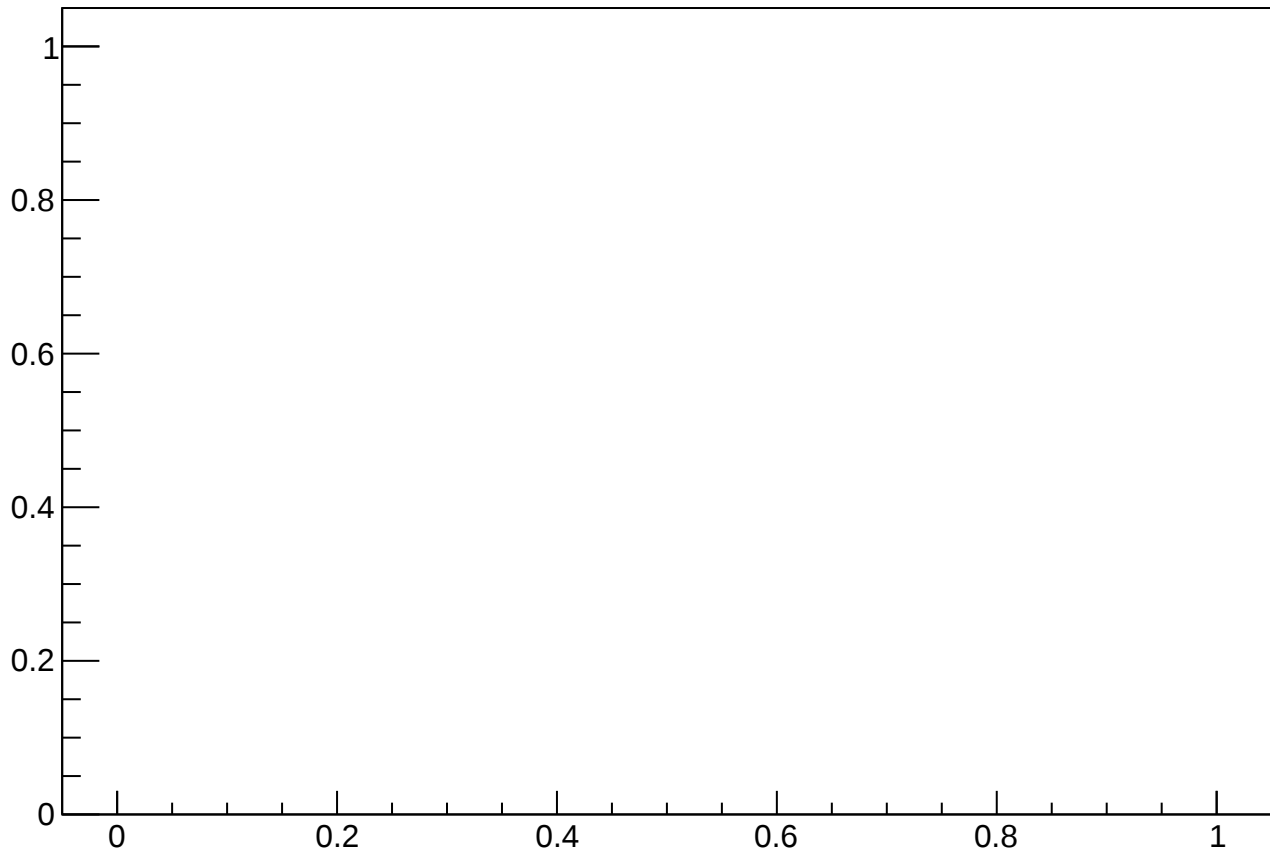
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

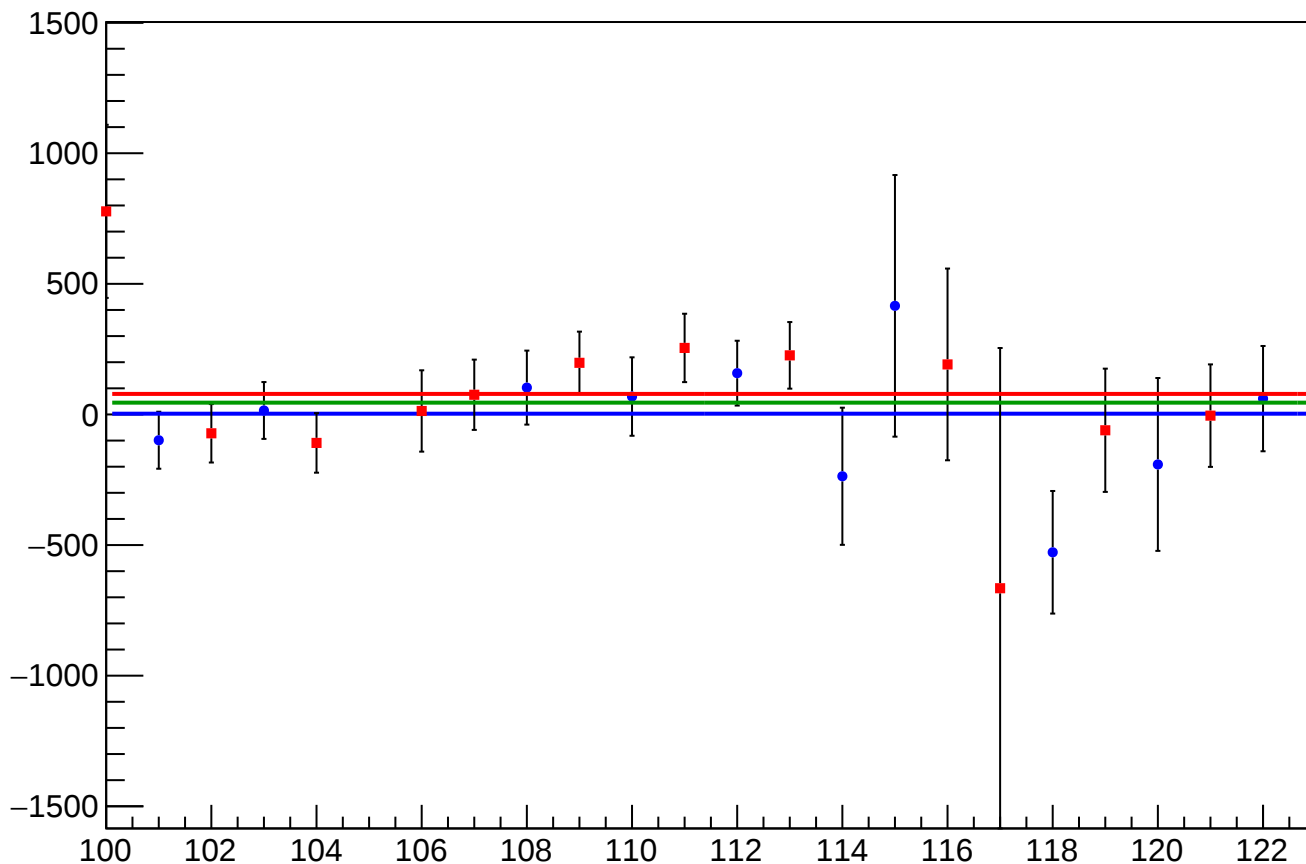
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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: 2.886+/-50.008 χ^2 /NDF: 11.2/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 78.623+/-44.491 χ^2 /NDF: 14.6/11

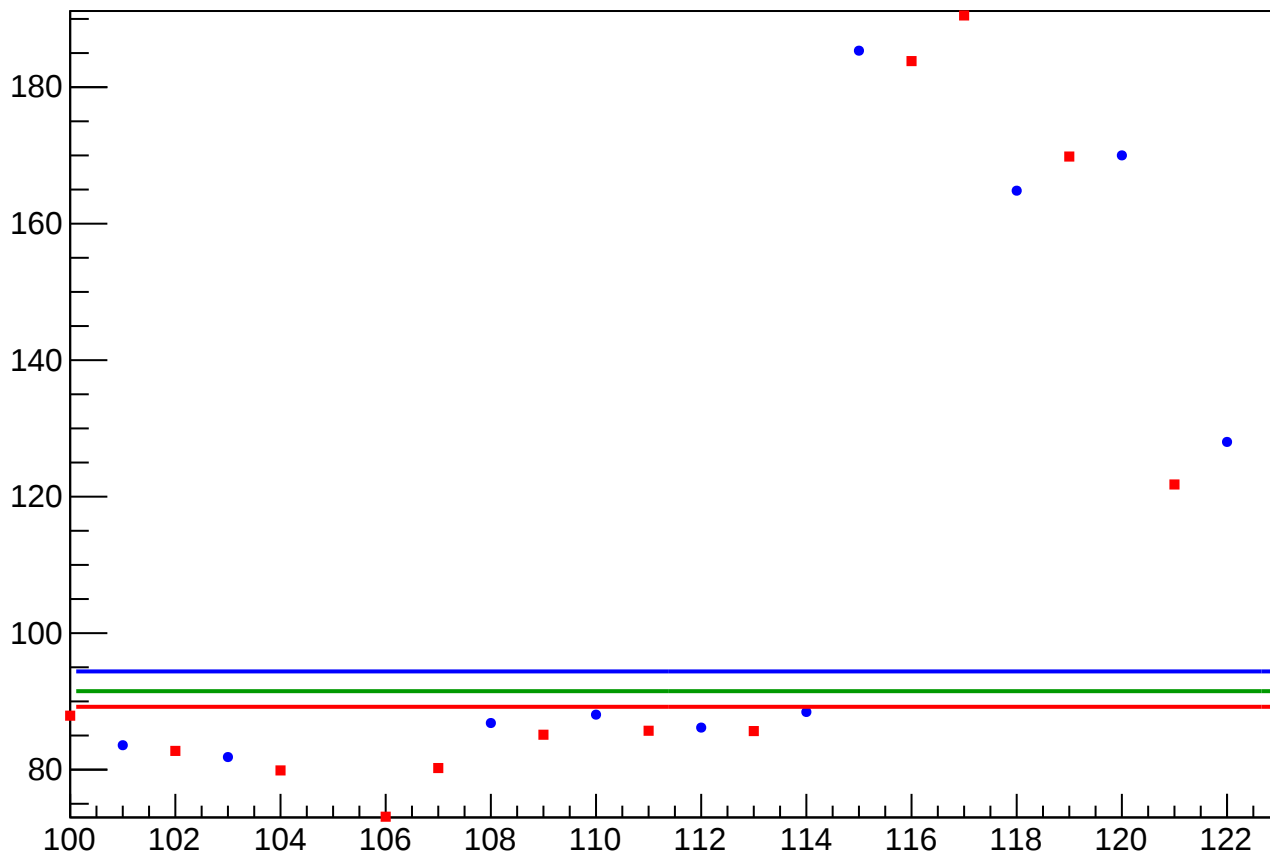
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

2.886+/-50.008 χ^2 /NDF: 11.2/10

45.161+/-33.240 χ^2 /NDF: 27.0/22

78.623+/-44.491 χ^2 /NDF: 14.6/11

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 94.393+/-0.035 χ^2/NDF : 480144.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.209+/-0.031 χ^2/NDF : 501695.4/11

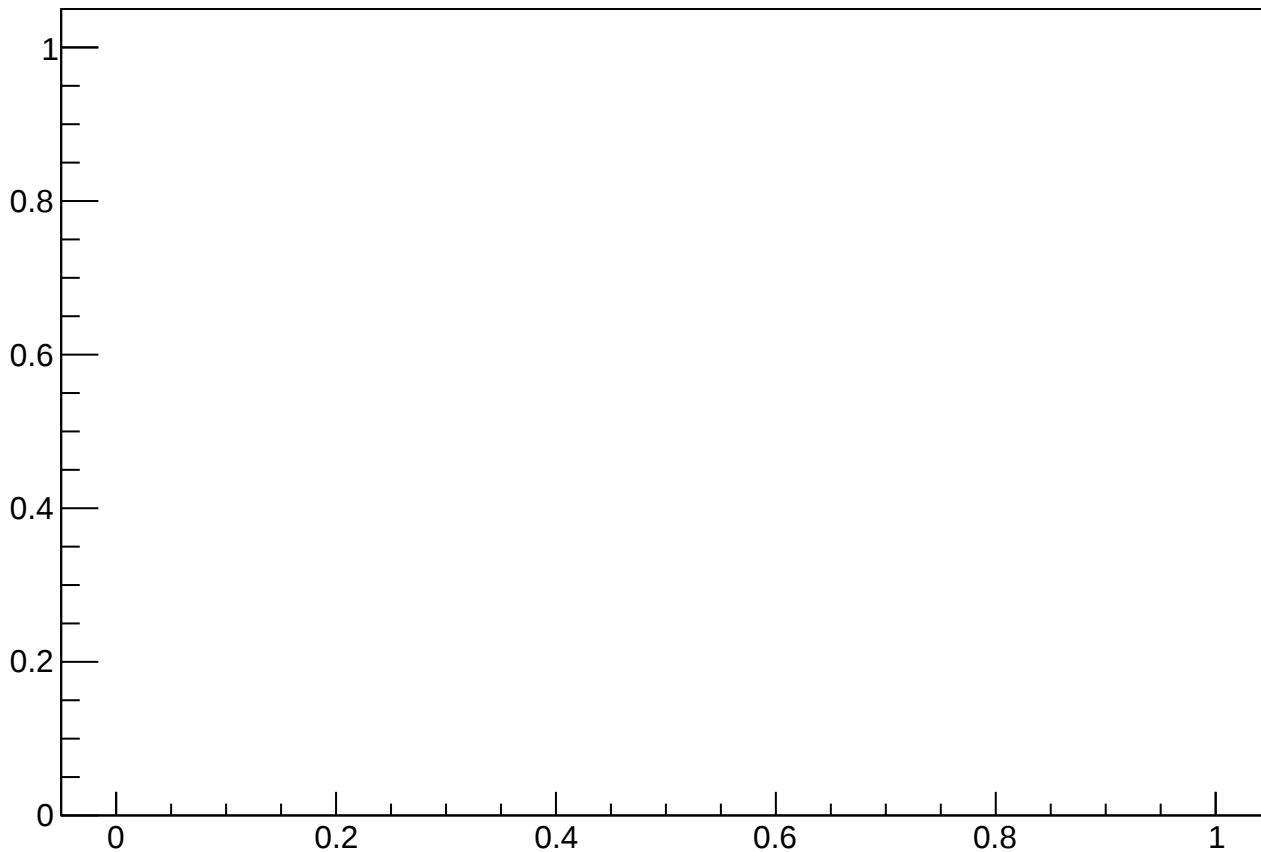
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

94.393+/-0.035 χ^2/NDF : 480144.5/10

91.499+/-0.024 χ^2/NDF : 993836.9/22

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

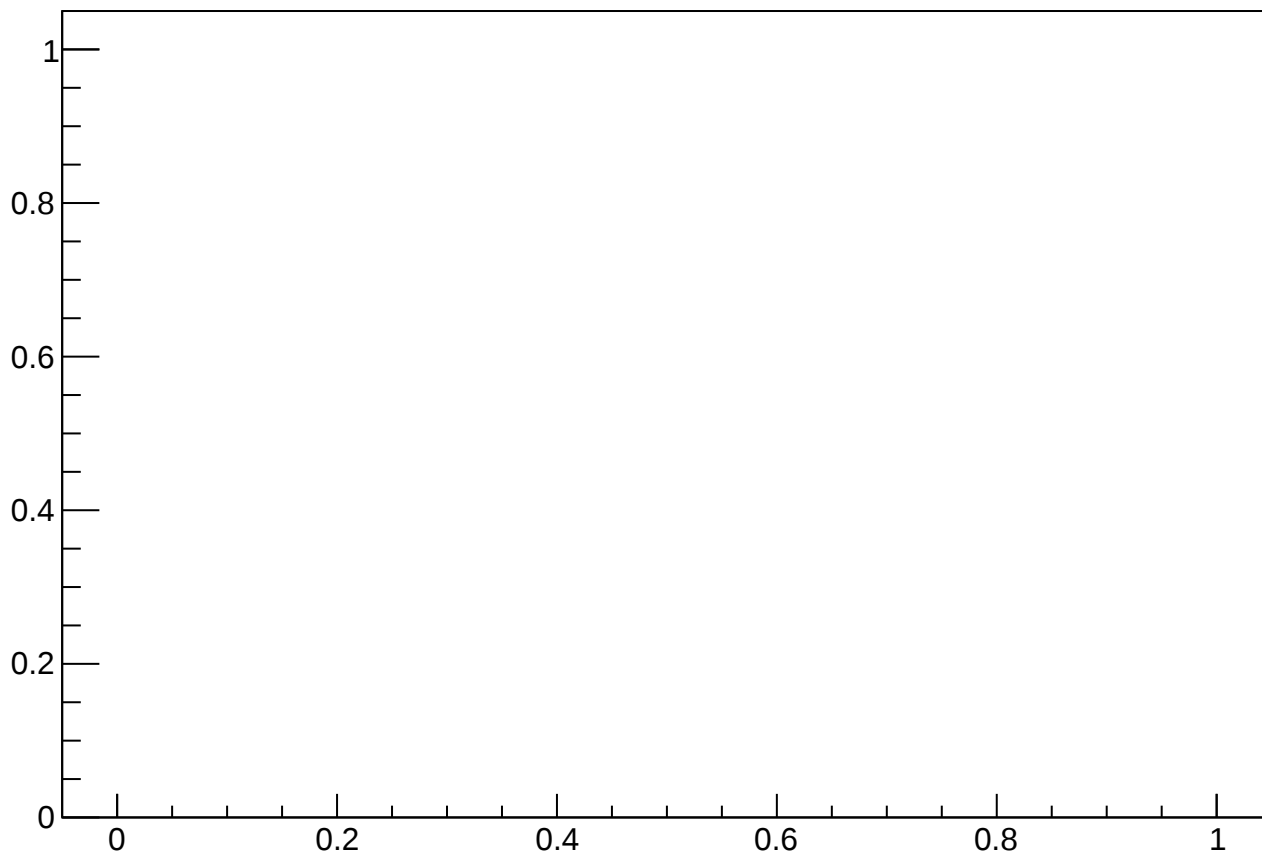
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

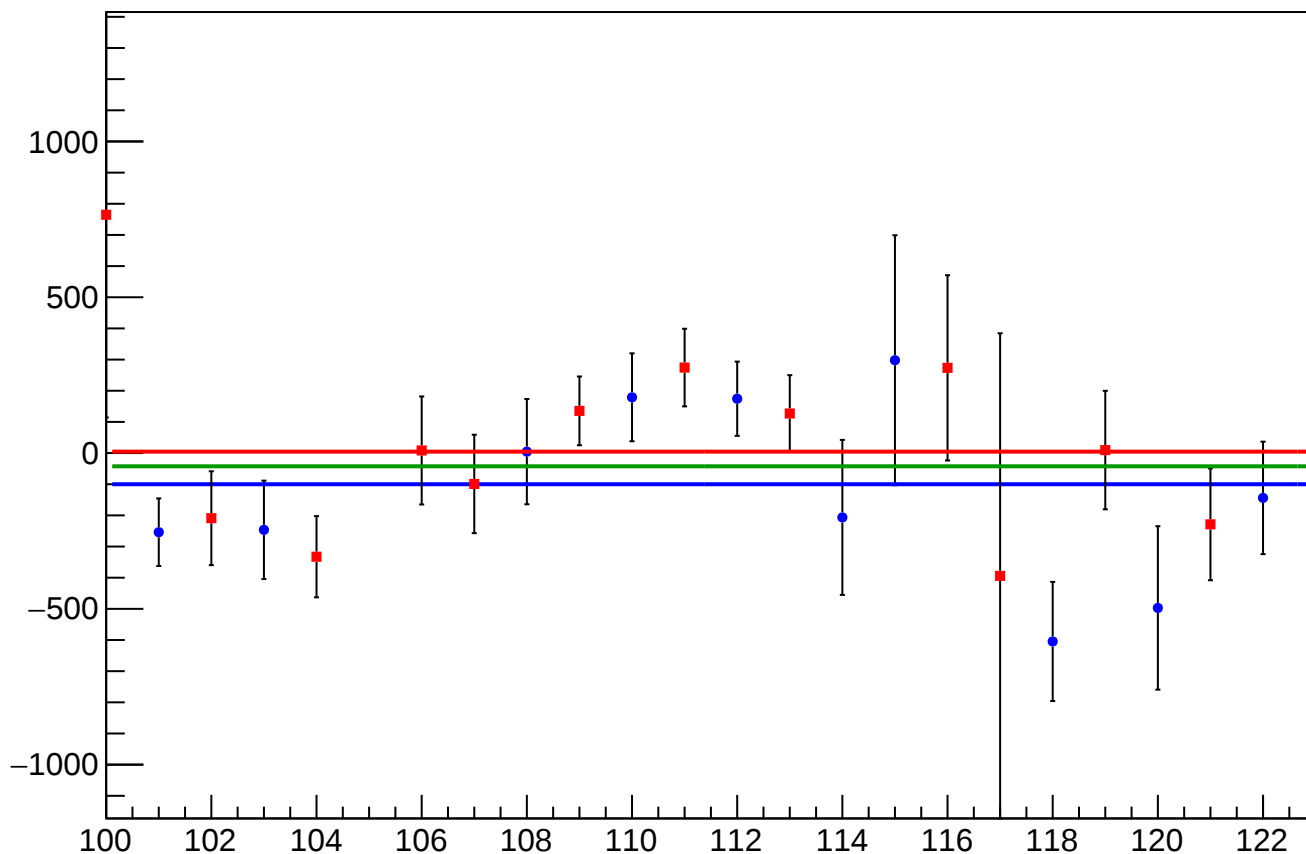
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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: -100.075+/-51.373 χ^2/NDF : 24.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.580+/-46.478 χ^2/NDF : 20.4/11

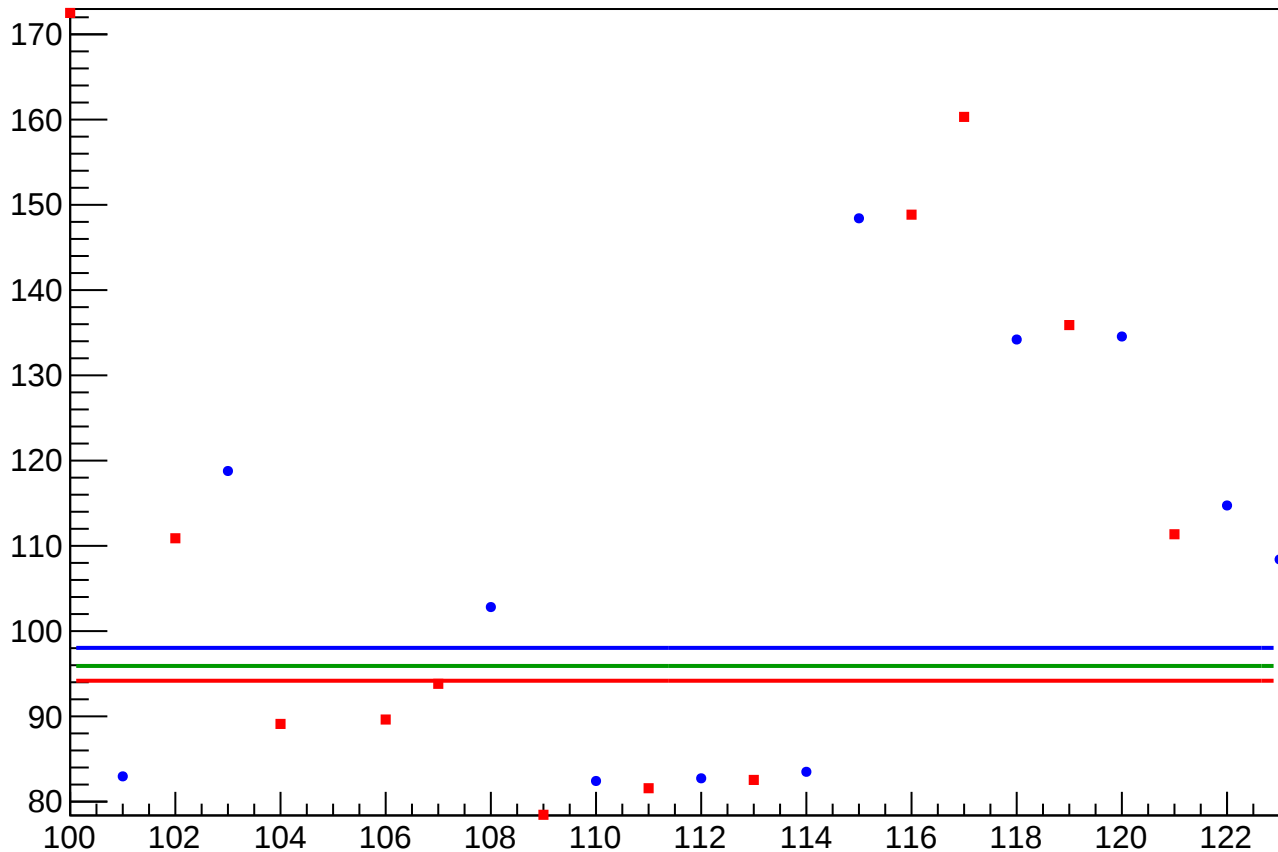
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-100.075+/-51.373 χ^2/NDF : 24.4/10

-42.525+/-34.466 χ^2/NDF : 47.0/22

4.580+/-46.478 χ^2/NDF : 20.4/11

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 98.033+/-0.036 χ^2/NDF : 298769.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.178+/-0.033 χ^2/NDF : 333666.2/11

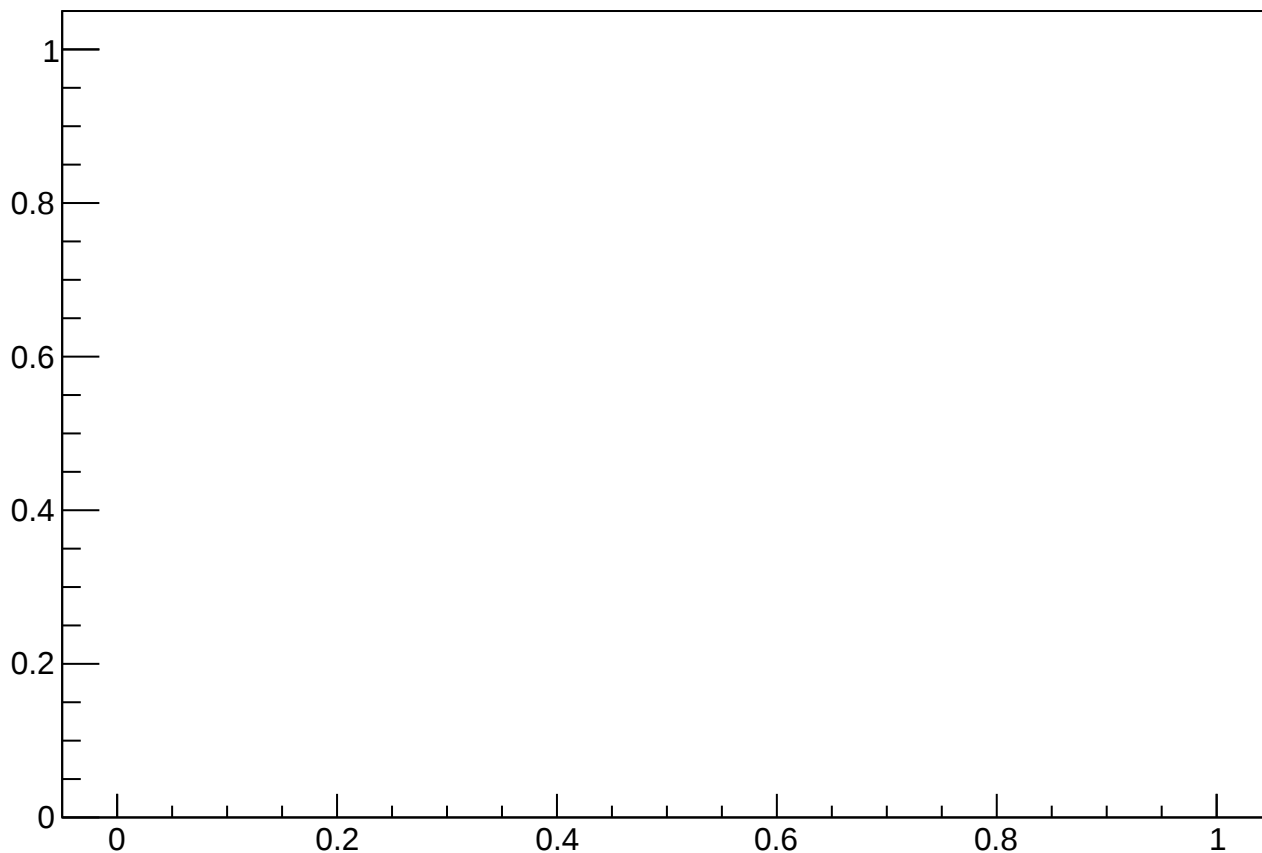
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

98.033+/-0.036 χ^2/NDF : 298769.7/10

95.913+/-0.024 χ^2/NDF : 638628.5/22

94.178+/-0.033 χ^2/NDF : 333666.2/11

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

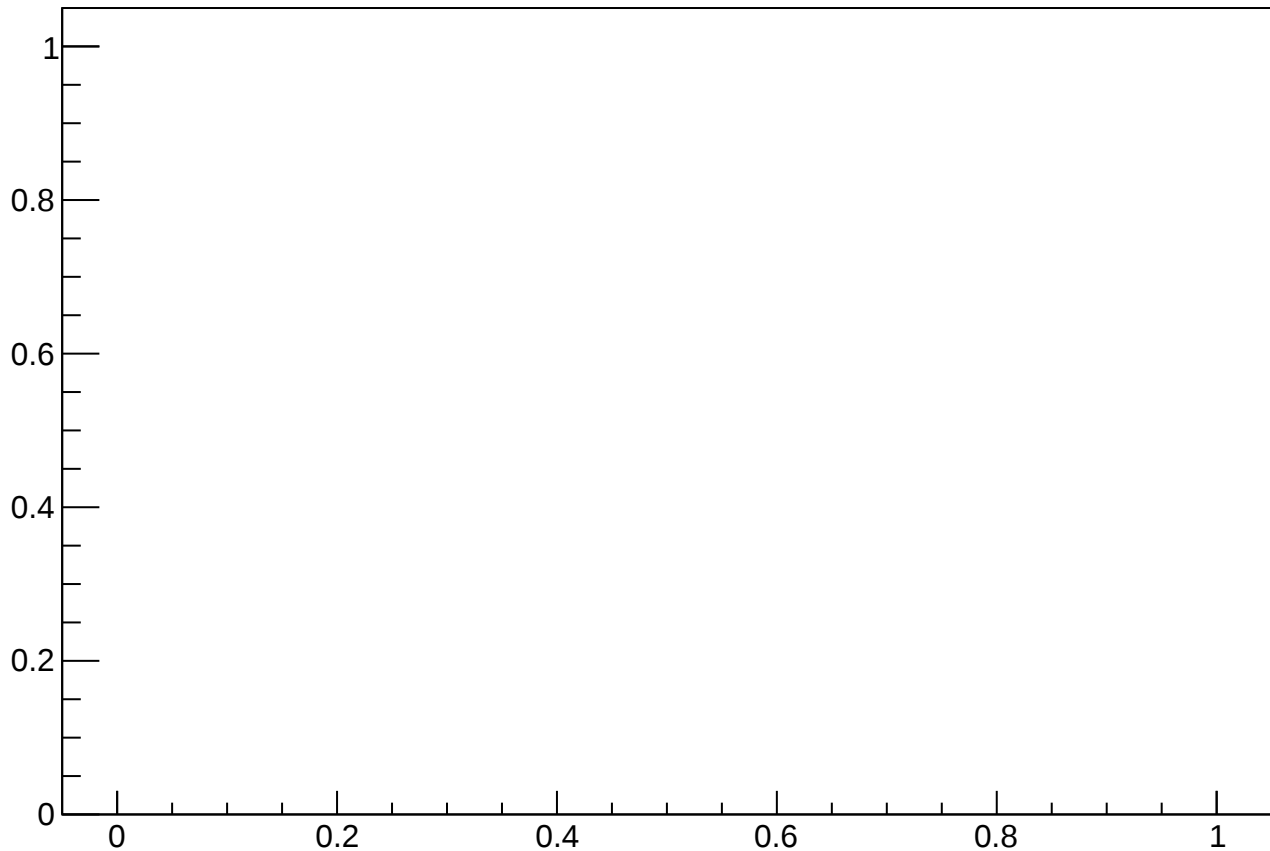
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

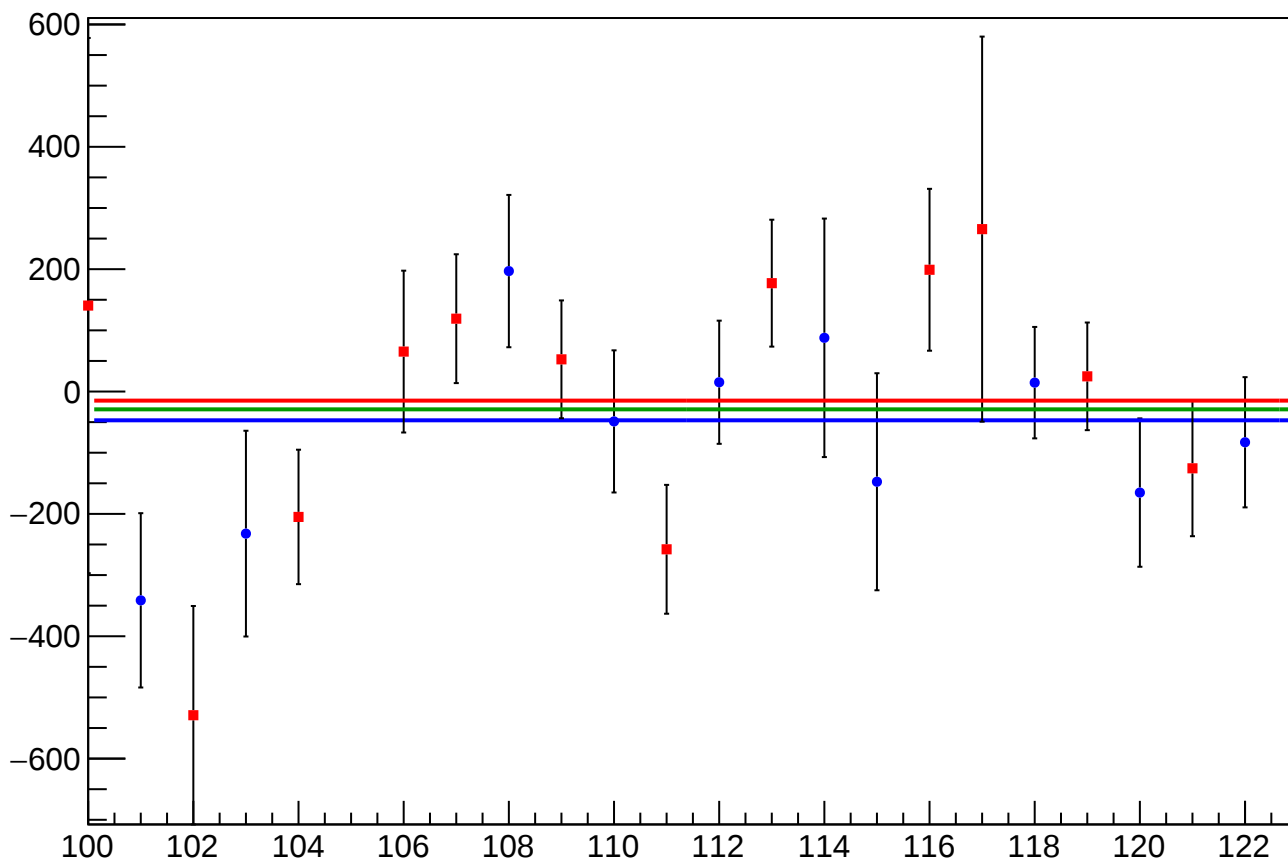
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: -47.032+/-38.763 χ^2/NDF : 12.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.839+/-34.599 χ^2/NDF : 27.2/11

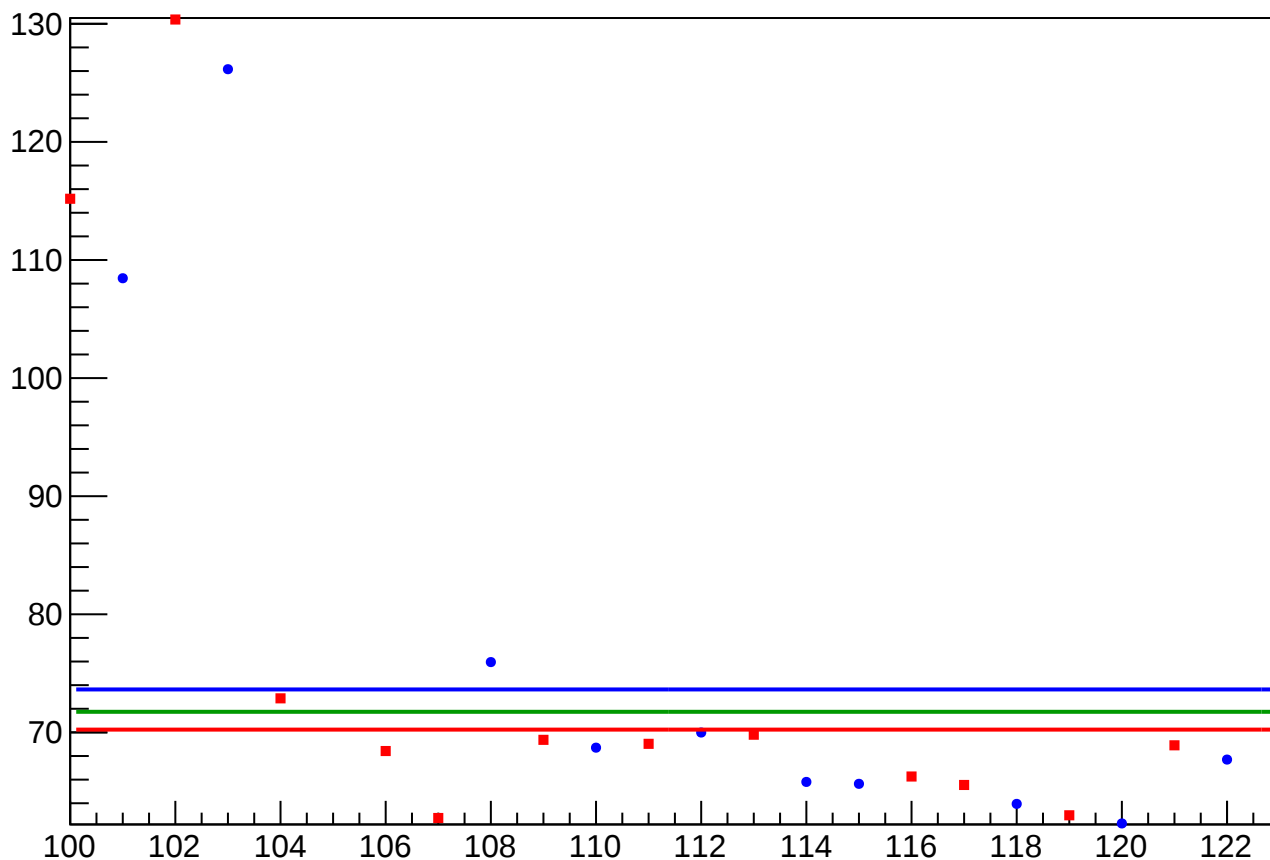
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-47.032+/-38.763 χ^2/NDF : 12.9/10

-29.114+/-25.812 χ^2/NDF : 40.5/22

-14.839+/-34.599 χ^2/NDF : 27.2/11

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 73.636+/-0.027 χ^2/NDF : 376416.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.236+/-0.024 χ^2/NDF : 276188.1/11

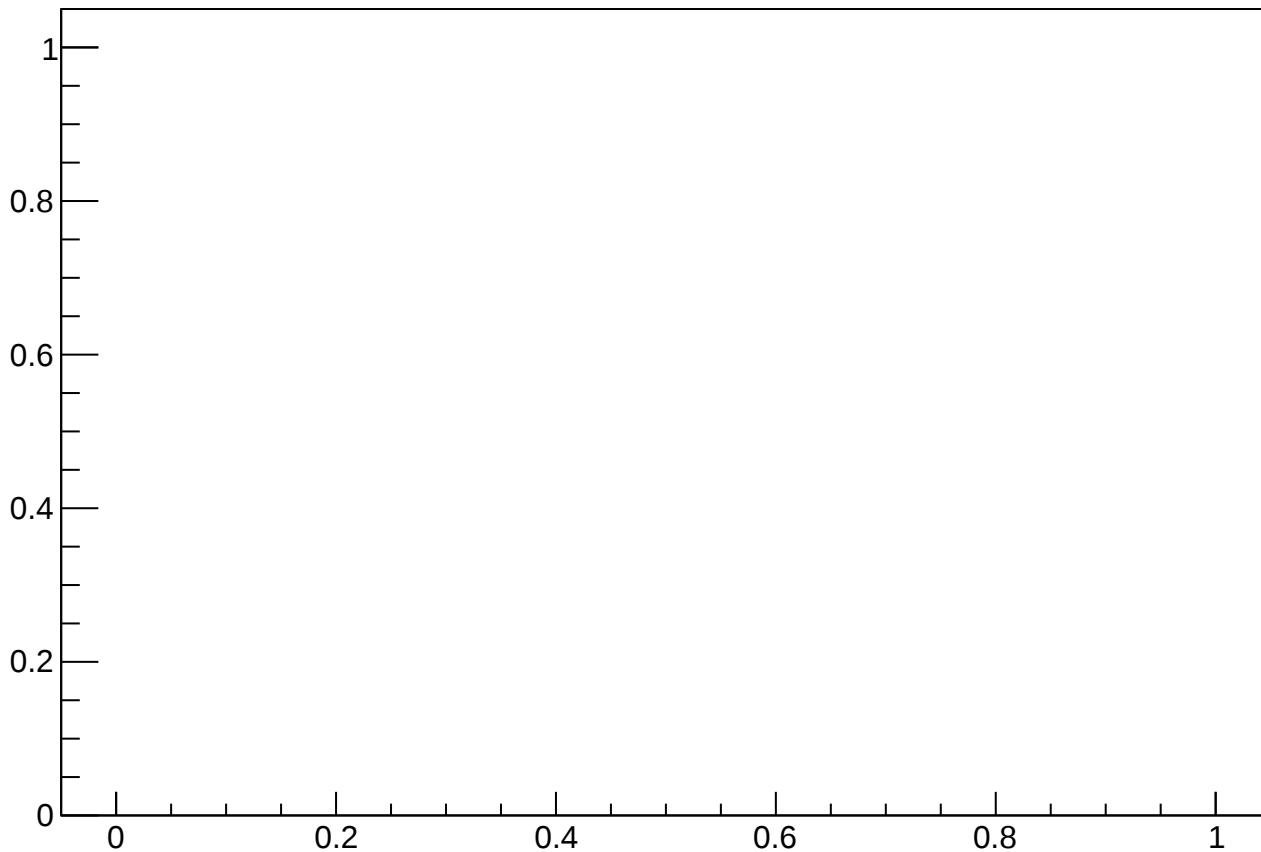
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

73.636+/-0.027 χ^2/NDF : 376416.6/10

71.744+/-0.018 χ^2/NDF : 661172.3/22

70.236+/-0.024 χ^2/NDF : 276188.1/11

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

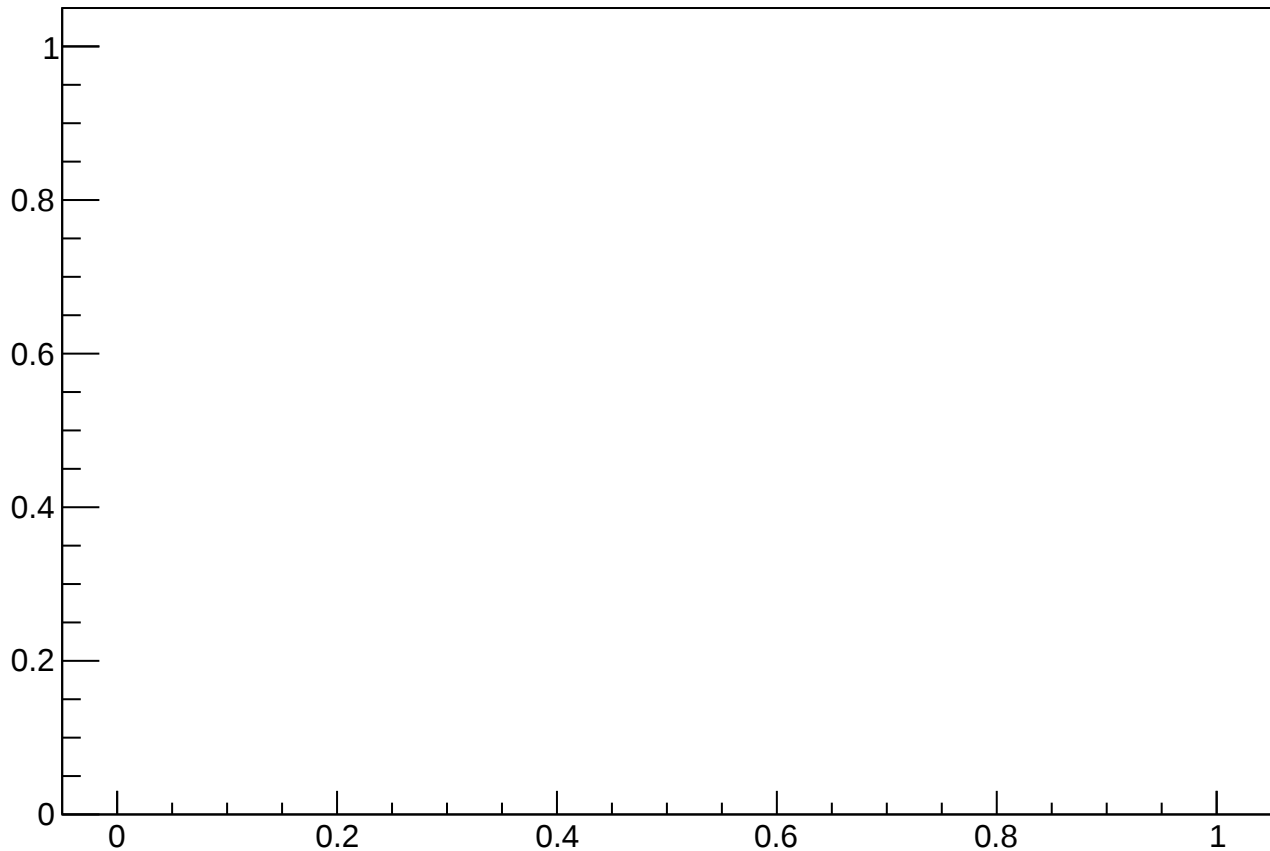
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

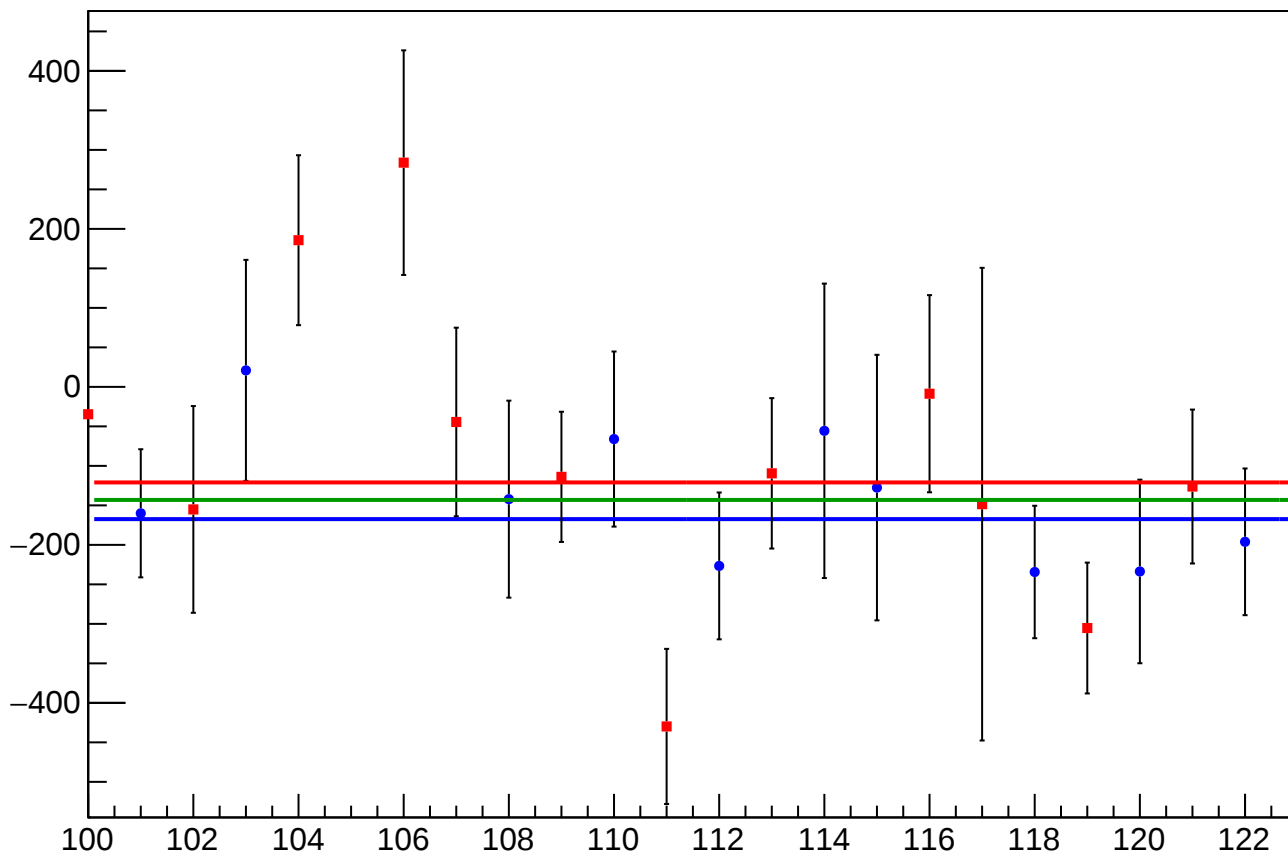
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -167.412 ± 33.865 χ^2/NDF : 4.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -120.955 ± 32.338 χ^2/NDF : 32.4/11

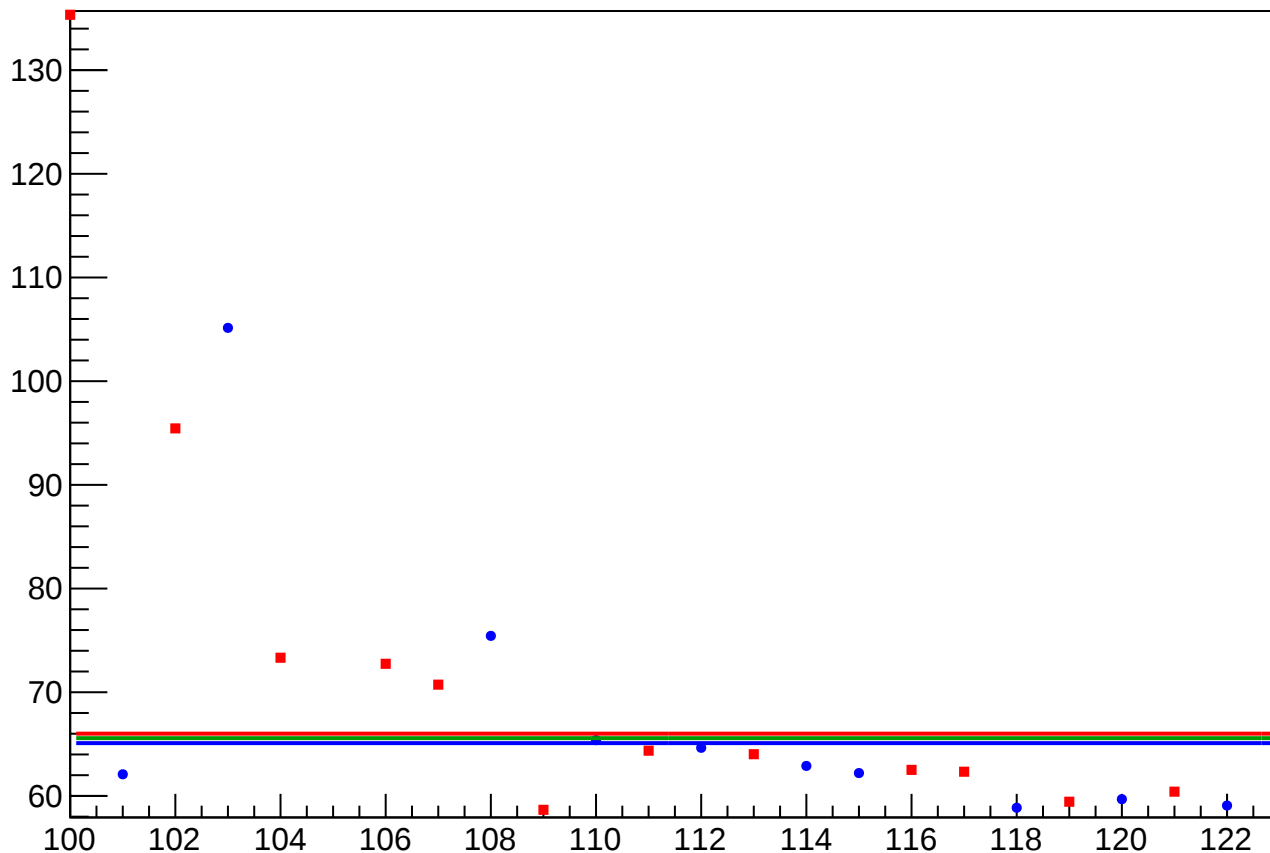
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-167.412 ± 33.865 χ^2/NDF : 4.6/10

-143.113 ± 23.388 χ^2/NDF : 38.0/22

-120.955 ± 32.338 χ^2/NDF : 32.4/11

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 65.094+/-0.024 χ^2/NDF : 206210.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.006+/-0.023 χ^2/NDF : 193383.3/11

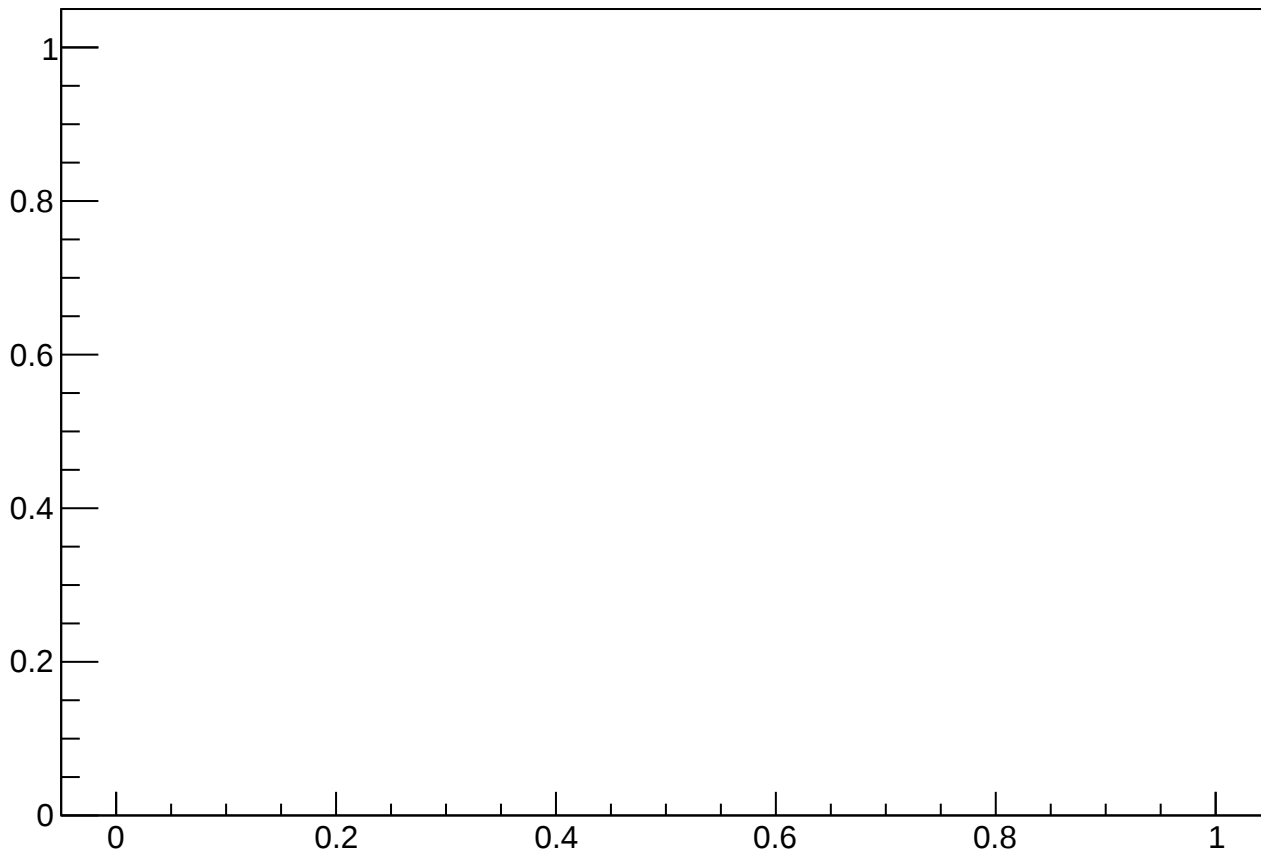
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

65.094+/-0.024 χ^2/NDF : 206210.4/10

65.571+/-0.017 χ^2/NDF : 400353.5/22

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

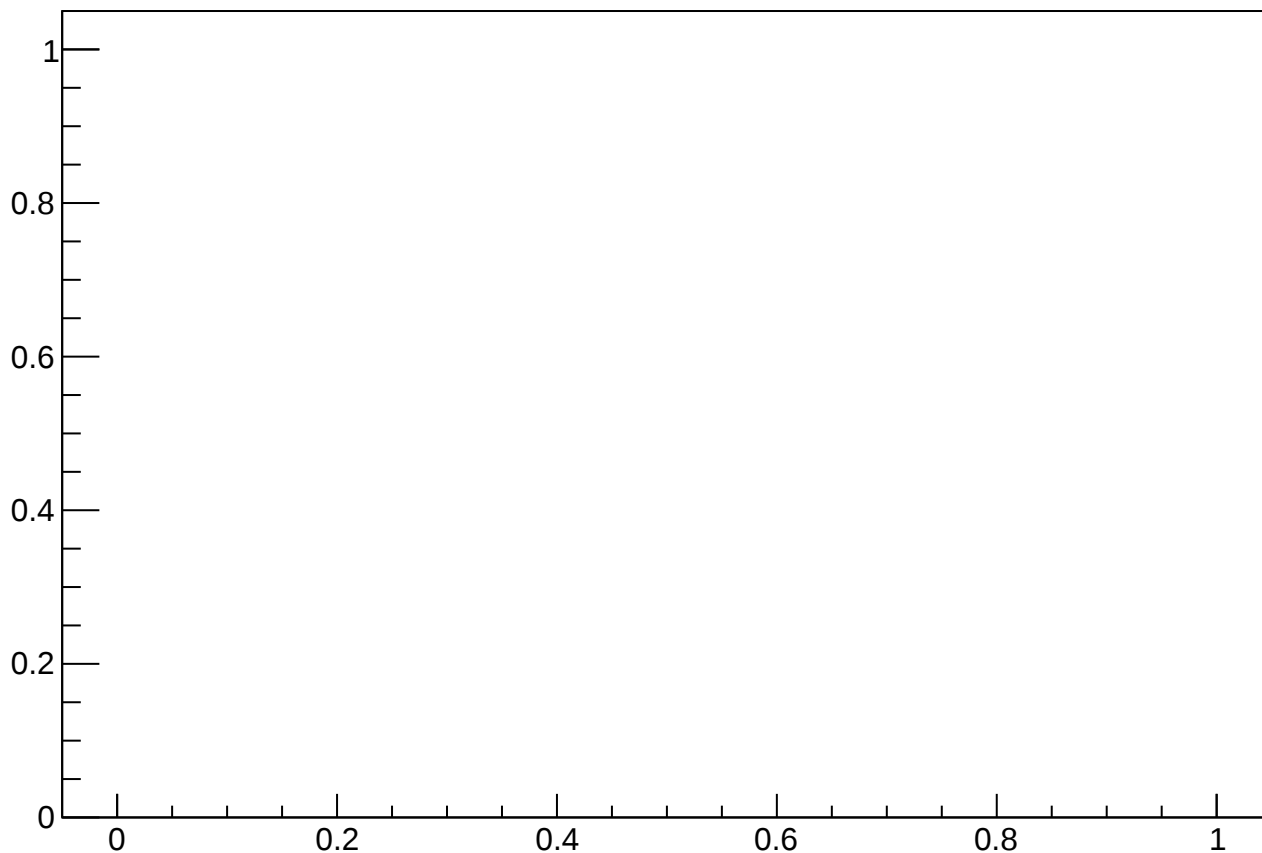
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

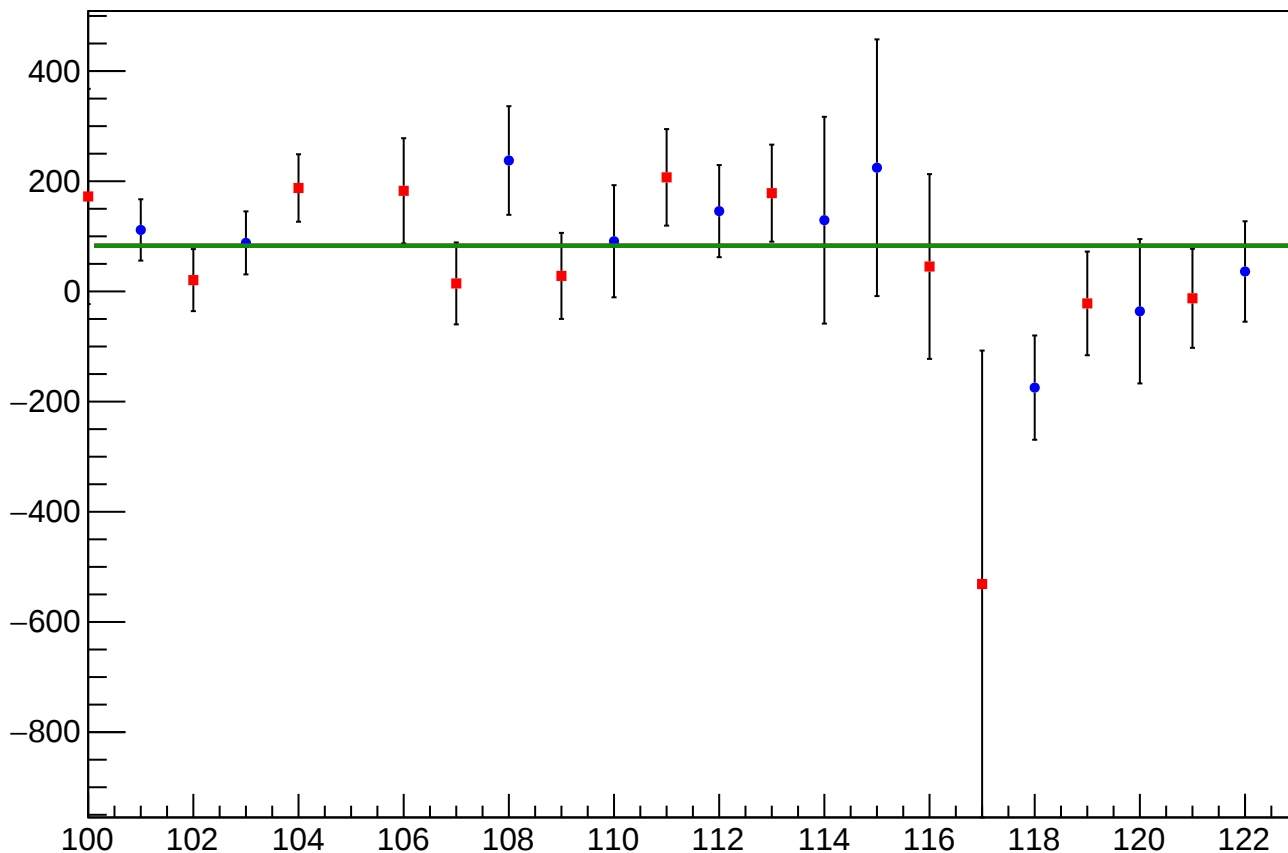
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 83.072+/-27.544 χ^2/NDF : 12.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.096+/-25.002 χ^2/NDF : 14.5/11

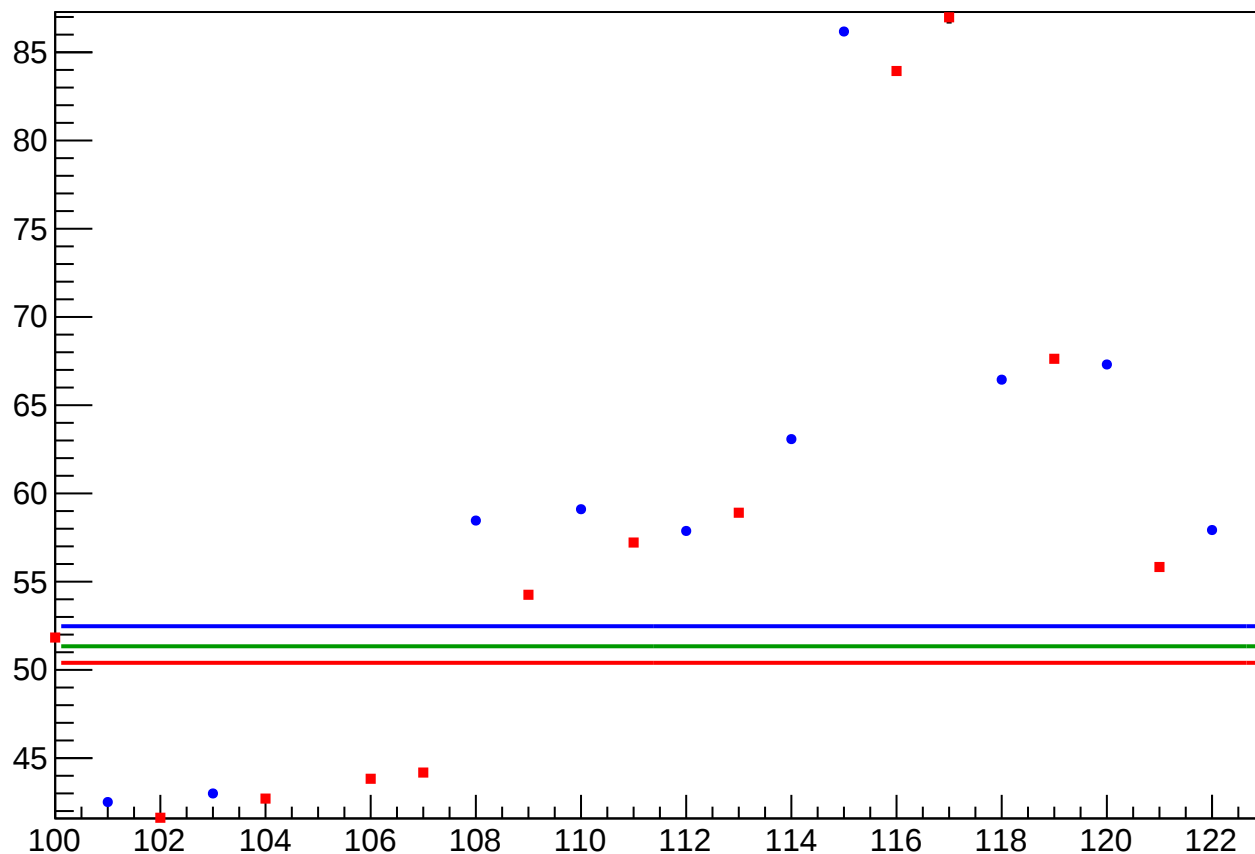
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

83.072+/-27.544 χ^2/NDF : 12.3/10

83.085+/-18.513 χ^2/NDF : 26.8/22

83.096+/-25.002 χ^2/NDF : 14.5/11

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 52.474+/-0.019 χ^2/NDF : 269223.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.401+/-0.018 χ^2/NDF : 308692.6/11

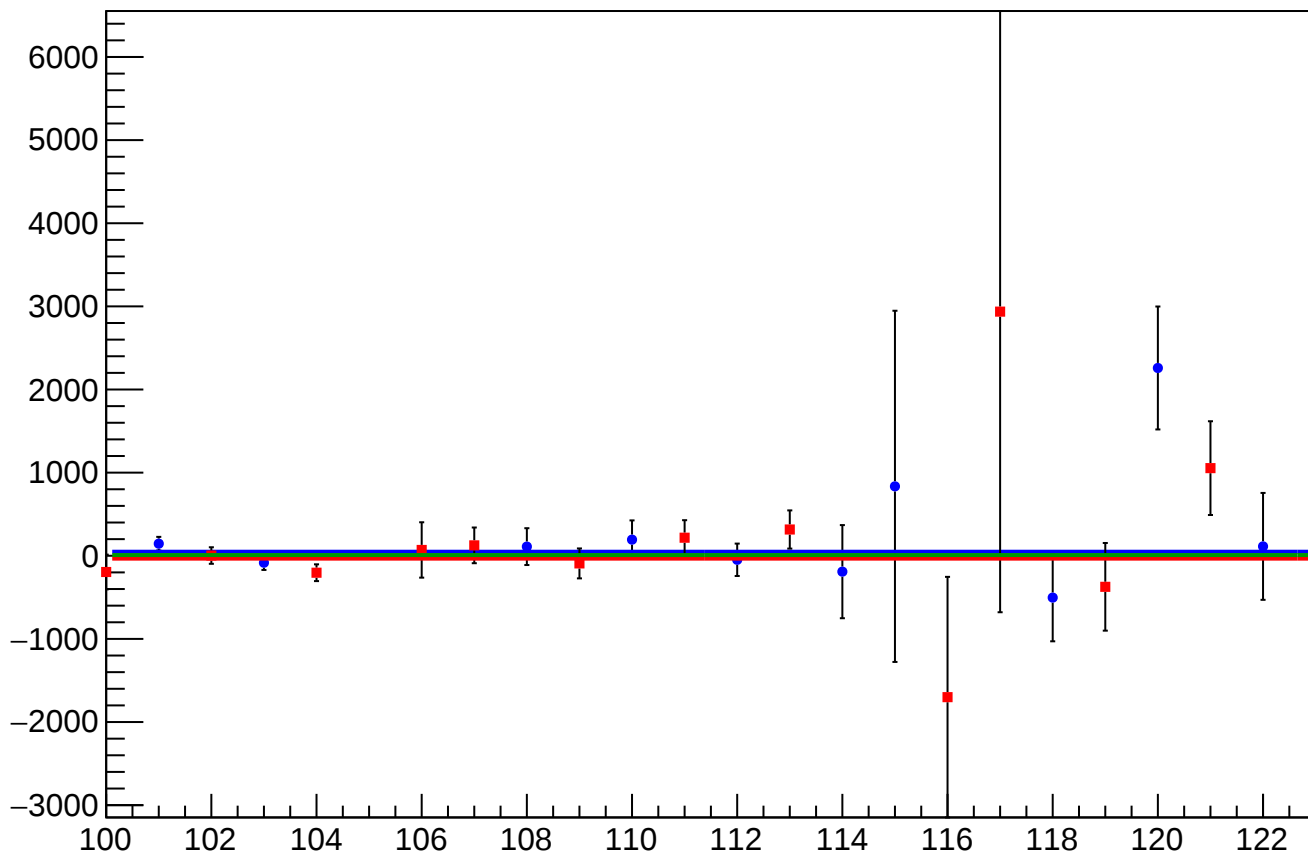
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

52.474+/-0.019 χ^2/NDF : 269223.6/10

51.338+/-0.013 χ^2/NDF : 584130.6/22

50.401+/-0.018 χ^2/NDF : 308692.6/11

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 48.757+/-52.868 χ^2/NDF : 14.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.422+/-54.843 χ^2/NDF : 14.2/11

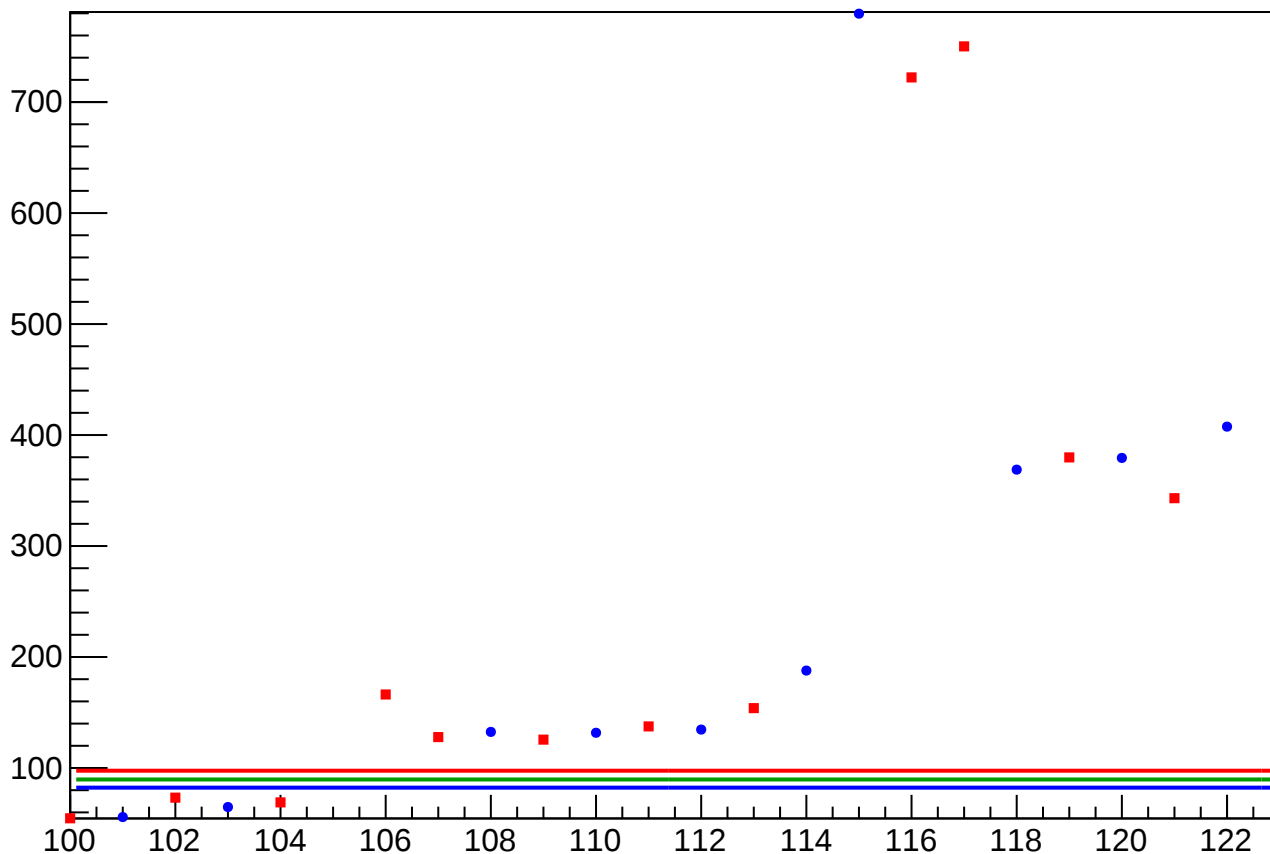
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

48.757+/-52.868 χ^2/NDF : 14.9/10

8.692+/-38.063 χ^2/NDF : 30.3/22

-34.422+/-54.843 χ^2/NDF : 14.2/11

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 82.288+/-0.037 χ^2/NDF : 2394593.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.561+/-0.039 χ^2/NDF : 2119042.5/11

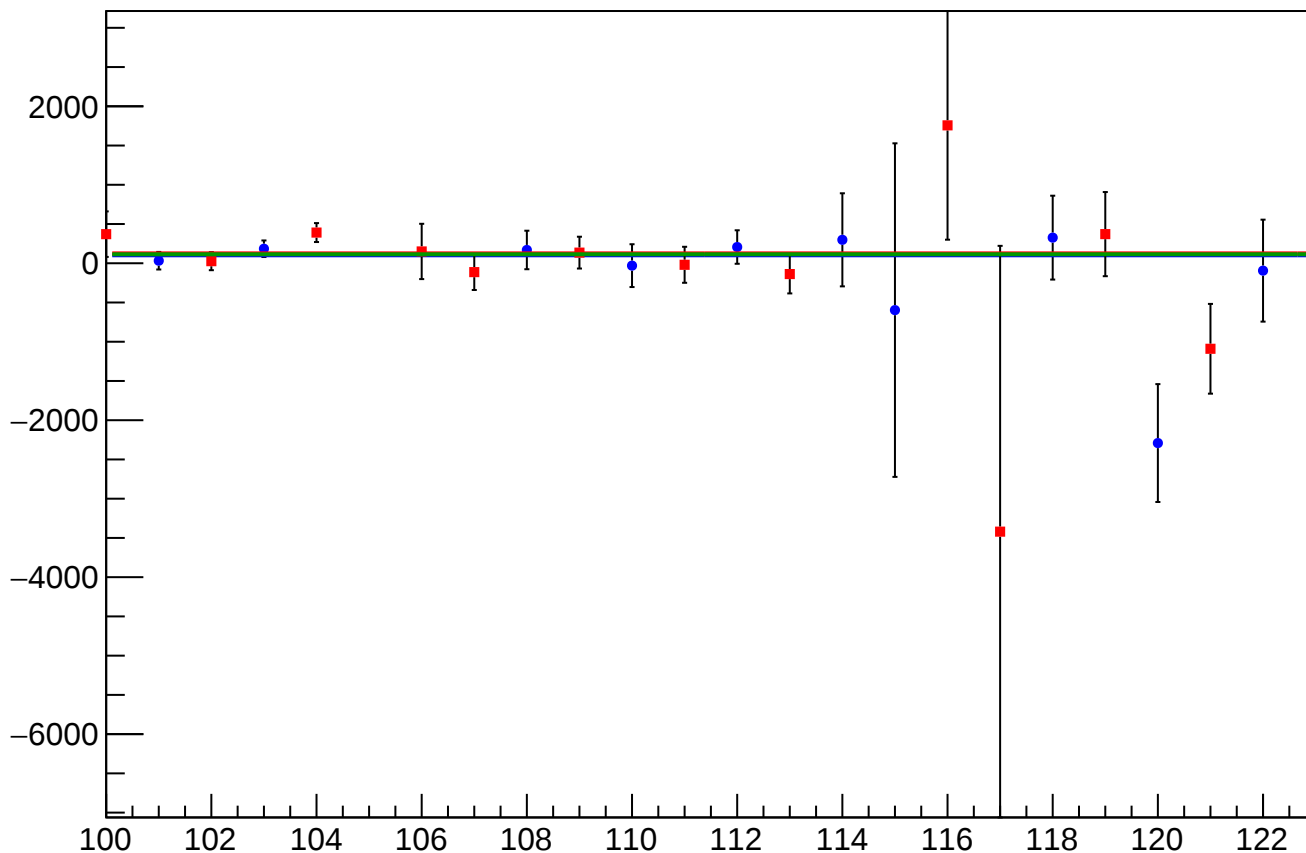
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

82.288+/-0.037 χ^2/NDF : 2394593.5/10

89.645+/-0.027 χ^2/NDF : 4594026.2/22

97.561+/-0.039 χ^2/NDF : 2119042.5/11

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 101.601+/-65.577 χ^2/NDF : 12.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.689+/-63.157 χ^2/NDF : 15.9/11

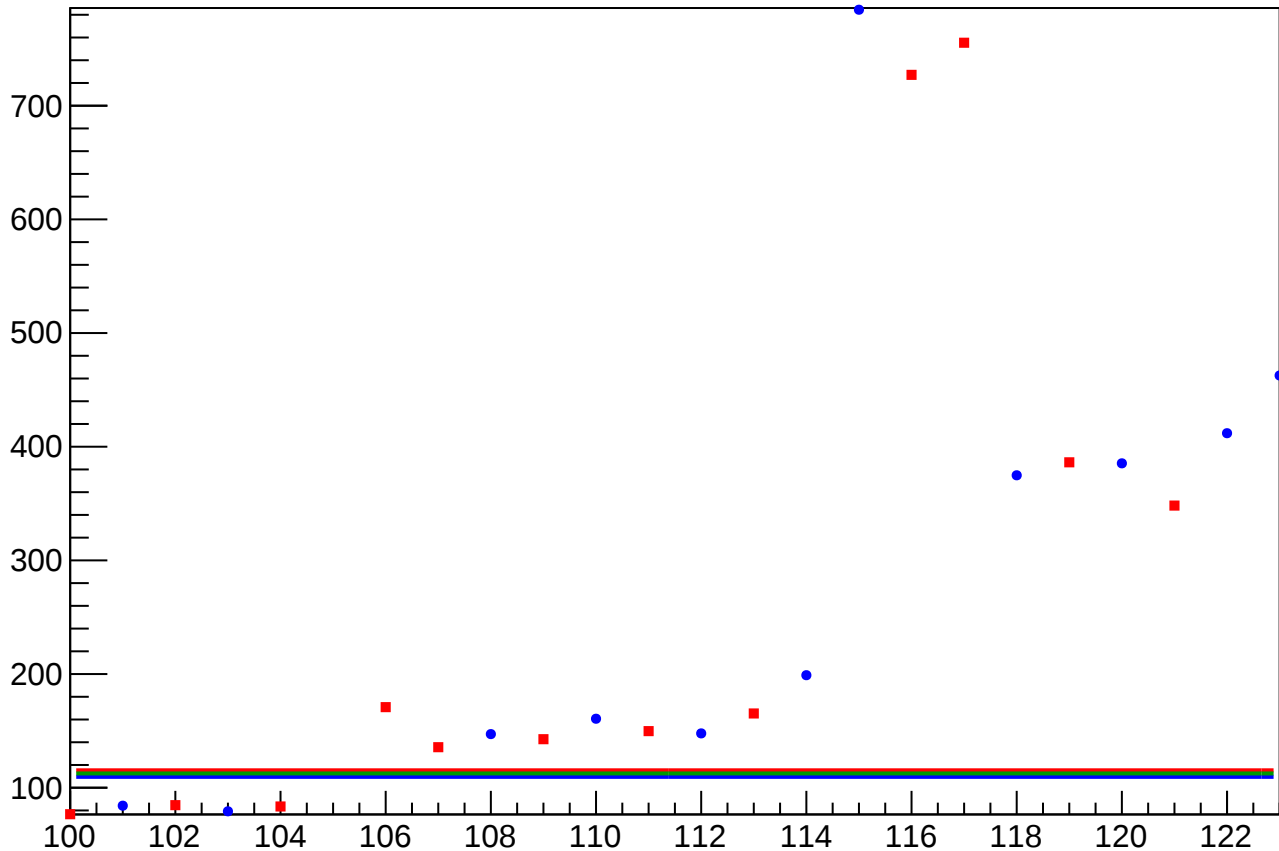
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

101.601+/-65.577 χ^2/NDF : 12.3/10

114.097+/-45.490 χ^2/NDF : 28.2/22

125.689+/-63.157 χ^2/NDF : 15.9/11

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 109.558+/-0.046 χ^2/NDF : 1935013.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.319+/-0.045 χ^2/NDF : 1803887.8/11

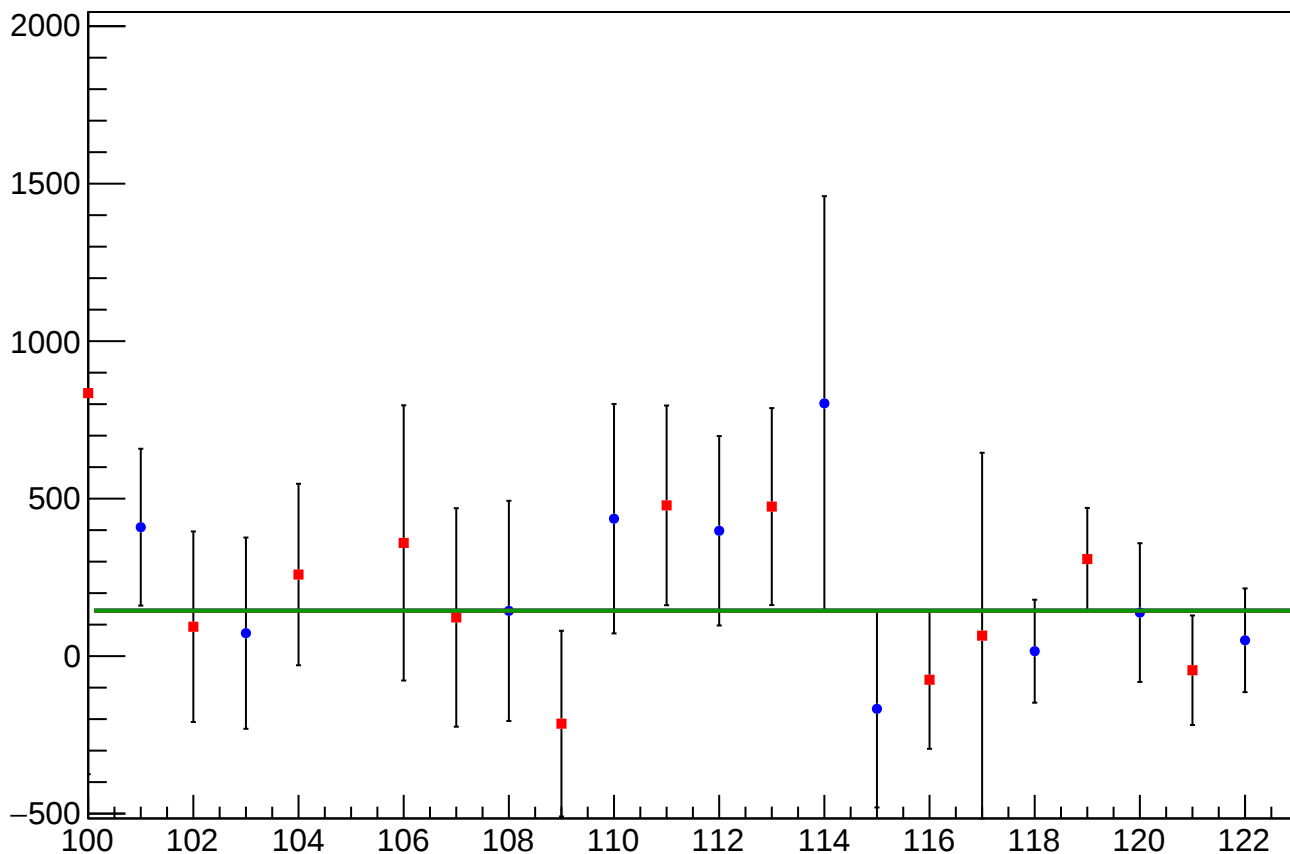
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

109.558+/-0.046 χ^2/NDF : 1935013.4/10

112.547+/-0.032 χ^2/NDF : 3746907.9/22

115.319+/-0.045 χ^2/NDF : 1803887.8/11

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 144.685+/-78.020 χ^2/NDF : 6.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.180+/-78.188 χ^2/NDF : 7.7/11

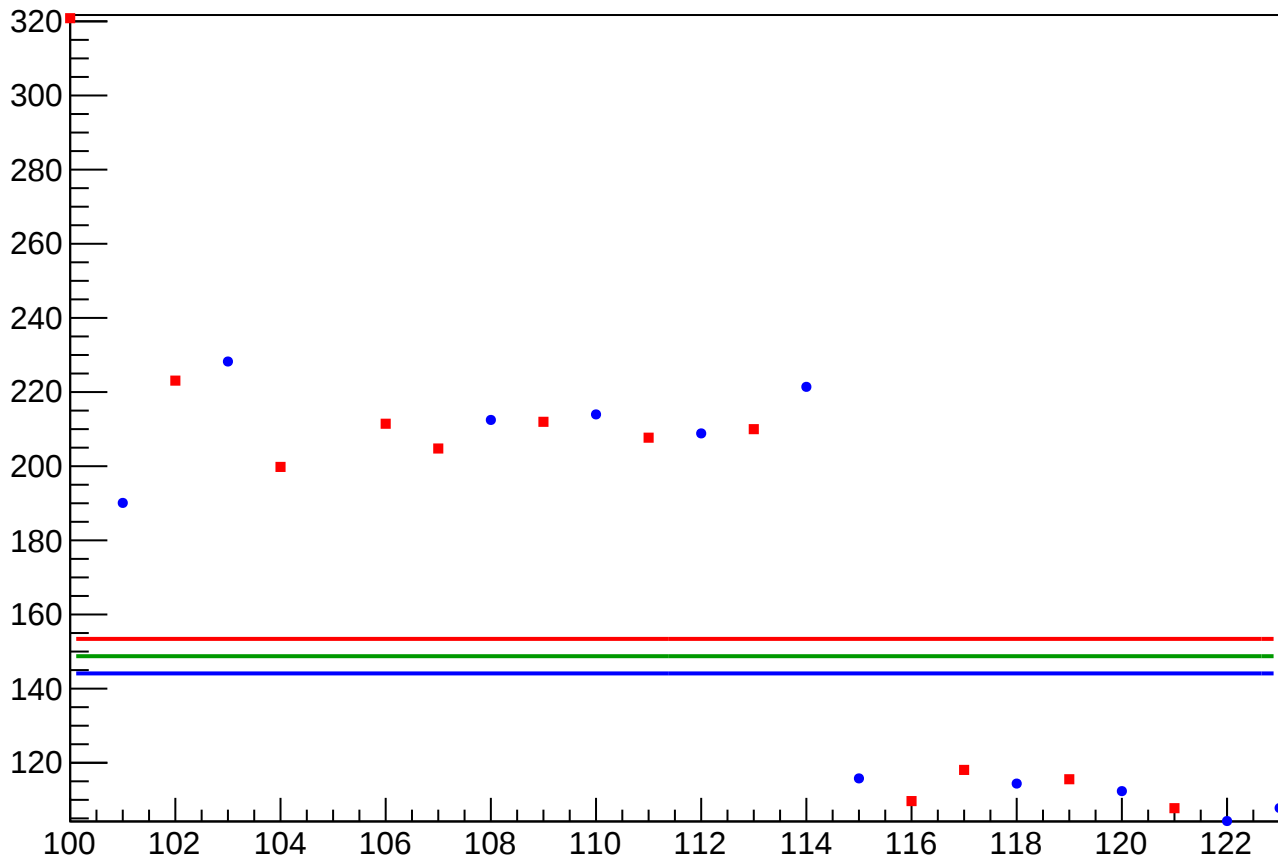
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

144.685+/-78.020 χ^2/NDF : 6.3/10

144.433+/-55.228 χ^2/NDF : 14.0/22

144.180+/-78.188 χ^2/NDF : 7.7/11

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 144.104+/-0.055 χ^2/NDF : 741427.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.417+/-0.055 χ^2/NDF : 811762.4/11

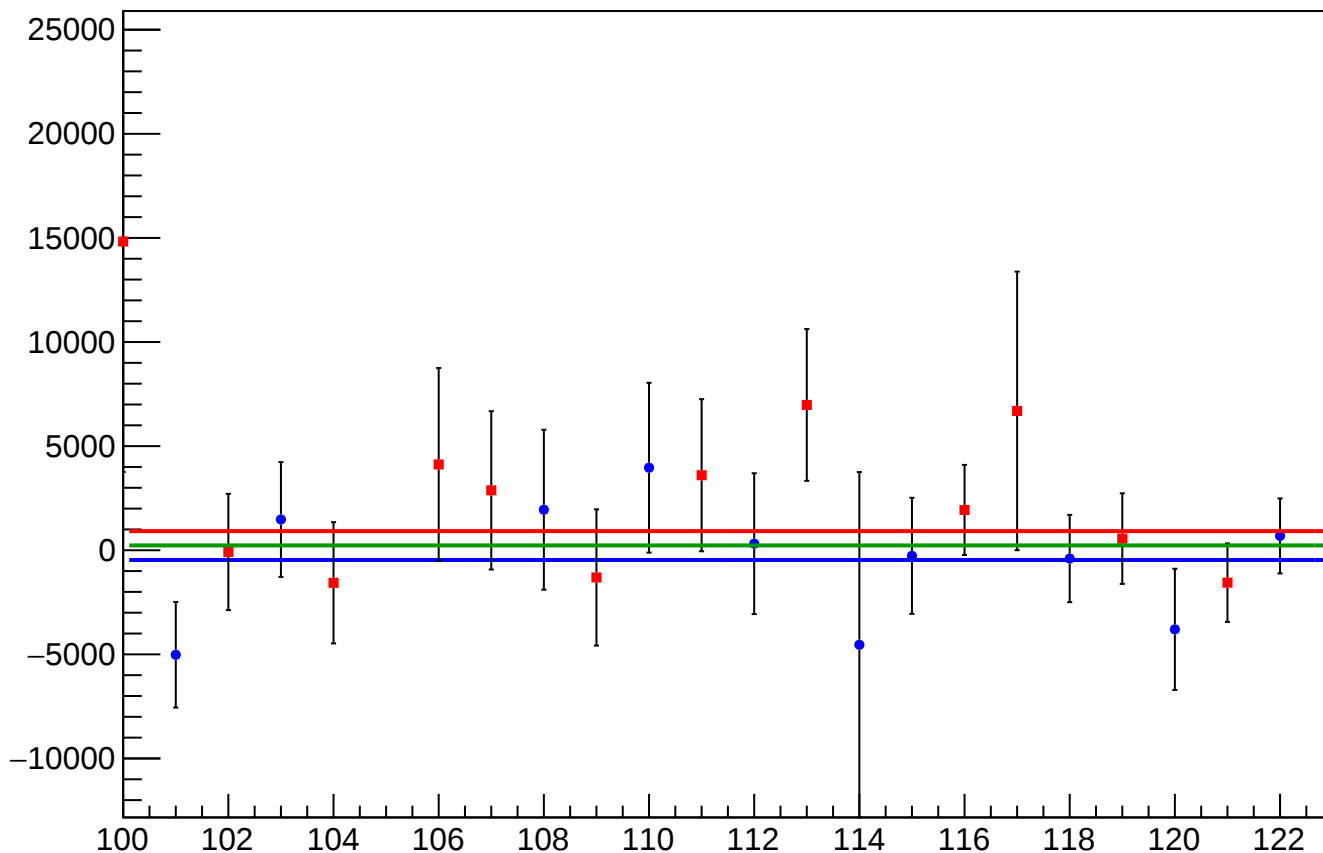
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

144.104+/-0.055 χ^2/NDF : 741427.9/10

148.751+/-0.039 χ^2/NDF : 1567408.1/22

153.417+/-0.055 χ^2/NDF : 811762.4/11

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -467.968+/-871.191 χ^2 /NDF: 7.3/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 918.455+/-862.955 χ^2 /NDF: 9.7/11

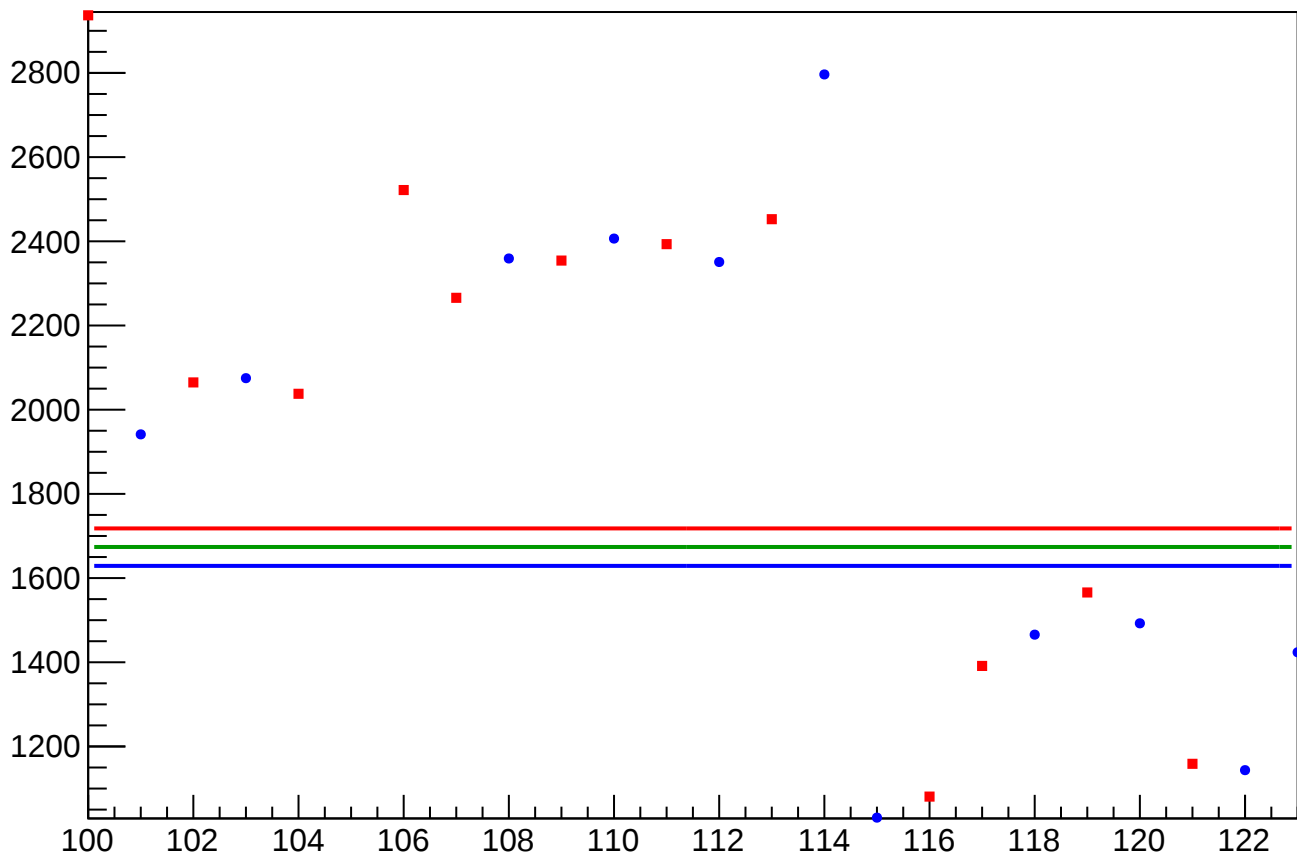
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-467.968+/-871.191 χ^2 /NDF: 7.3/10

231.828+/-613.093 χ^2 /NDF: 18.3/22

918.455+/-862.955 χ^2 /NDF: 9.7/11

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1628.965+/-0.616 χ^2/NDF : 613656.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1717.961+/-0.610 χ^2/NDF : 770337.7/11

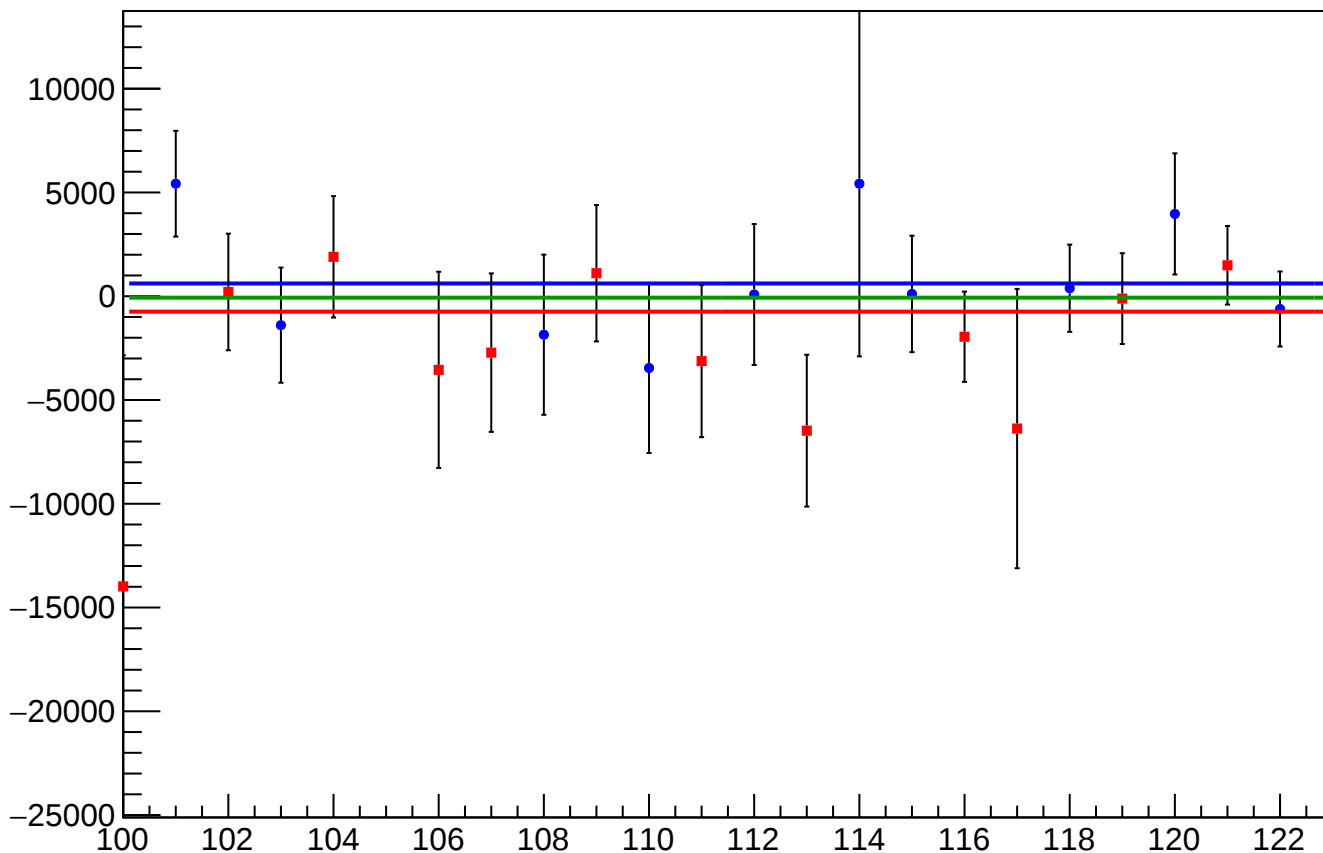
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1628.965+/-0.616 χ^2/NDF : 613656.6/10

1673.885+/-0.434 χ^2/NDF : 1394529.1/22

1717.961+/-0.610 χ^2/NDF : 770337.7/11

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 614.981+/-875.059 χ^2/NDF : 7.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -742.127+/-867.762 χ^2/NDF : 8.6/11

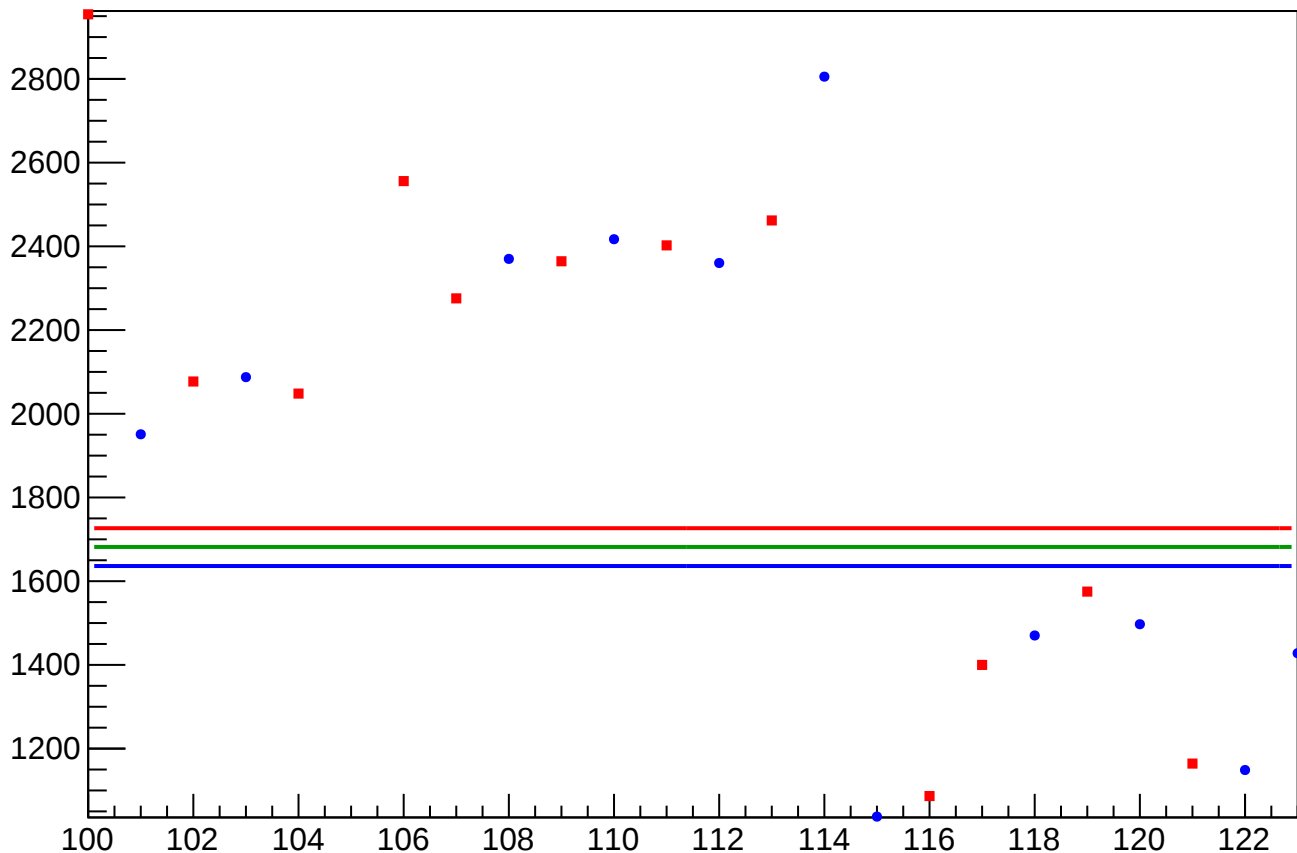
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

614.981+/-875.059 χ^2/NDF : 7.7/10

-69.254+/-616.164 χ^2/NDF : 17.5/22

-742.127+/-867.762 χ^2/NDF : 8.6/11

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1636.213+/-0.619 χ^2/NDF : 613672.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1726.596+/-0.614 χ^2/NDF : 770579.6/11

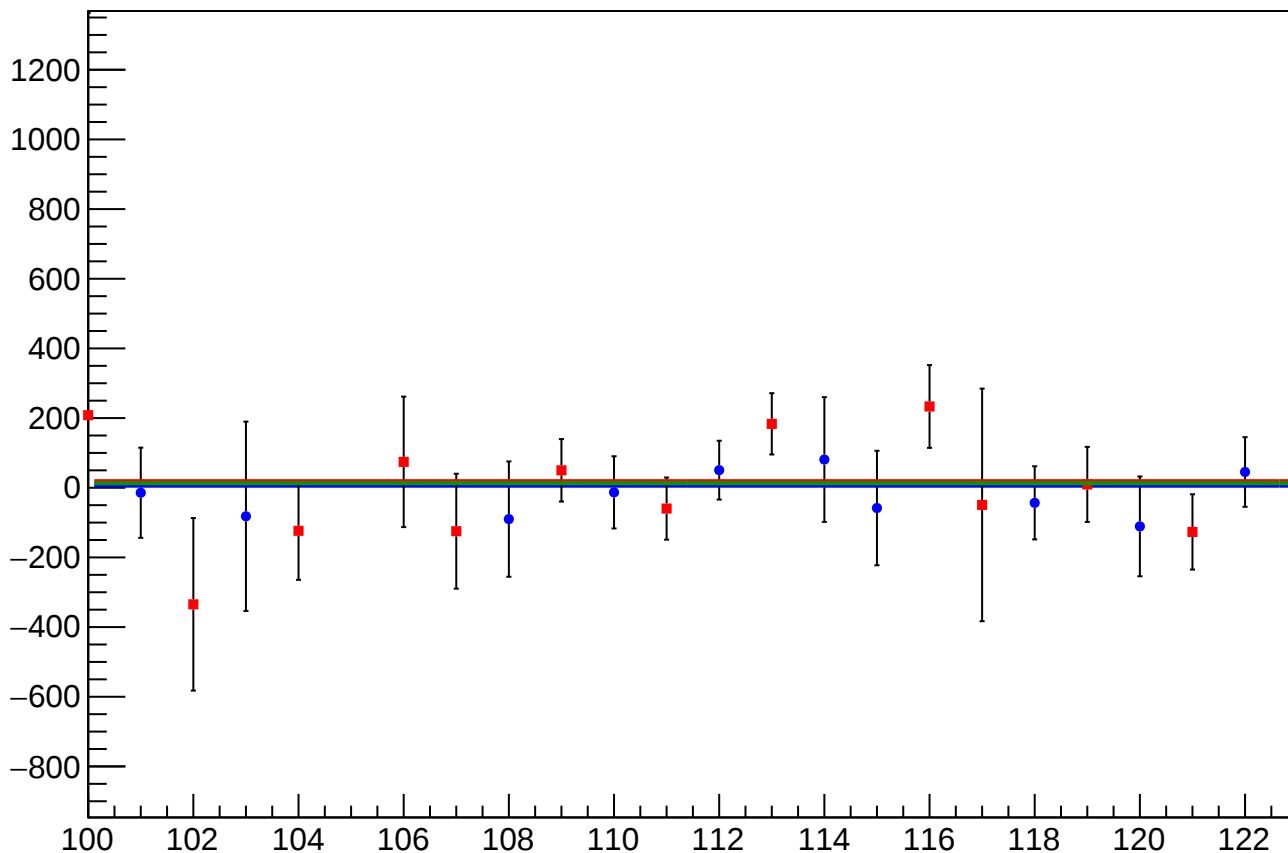
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1636.213+/-0.619 χ^2/NDF : 613672.0/10

1681.783+/-0.436 χ^2/NDF : 1395009.3/22

1726.596+/-0.614 χ^2/NDF : 770579.6/11

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 5.925+/-38.976 χ^2 /NDF: 9.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 18.943+/-36.193 χ^2 /NDF: 13.5/11

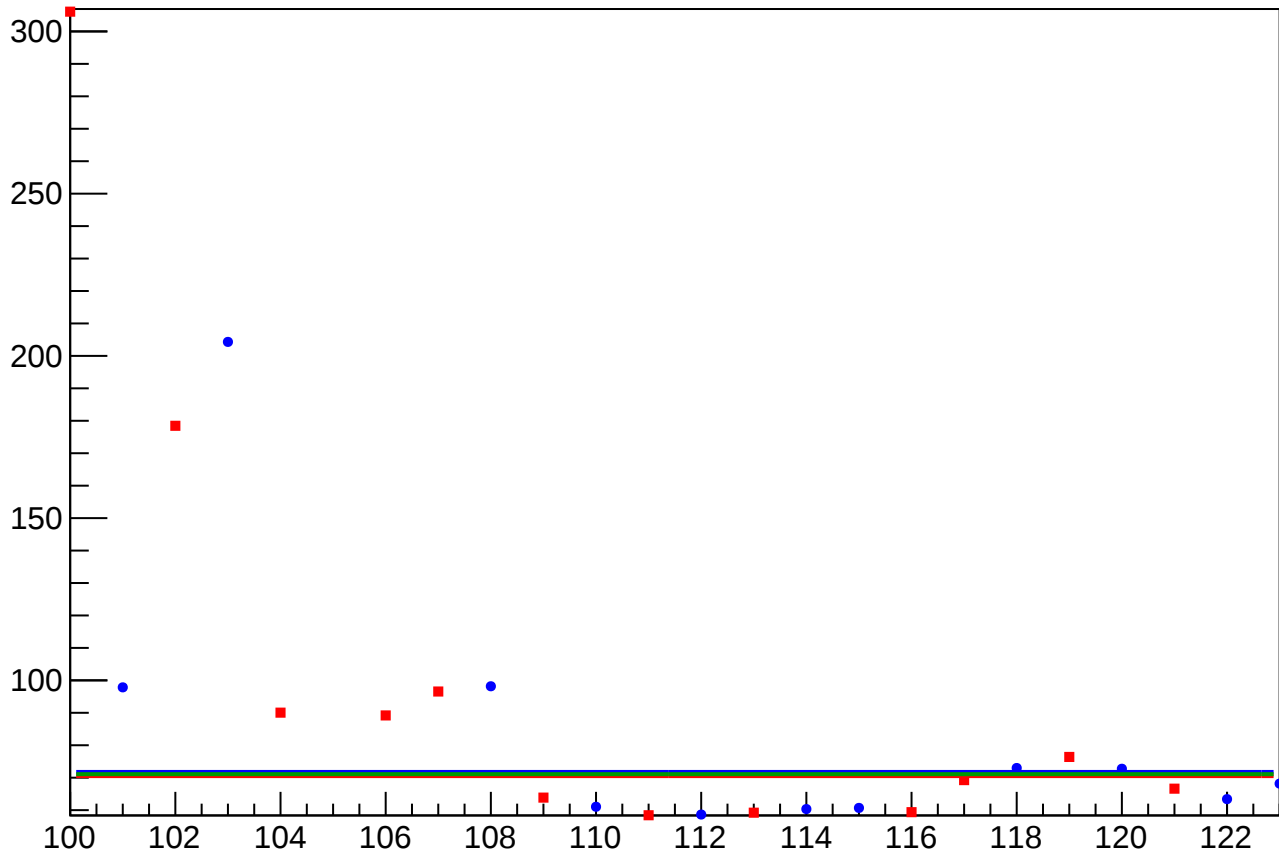
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

5.925+/-38.976 χ^2 /NDF: 9.8/10

12.915+/-26.522 χ^2 /NDF: 23.4/22

18.943+/-36.193 χ^2 /NDF: 13.5/11

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 71.772 $\pm$ 0.028 χ^2 /NDF: 709404.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 70.489 $\pm$ 0.026 χ^2 /NDF: 678332.6/11

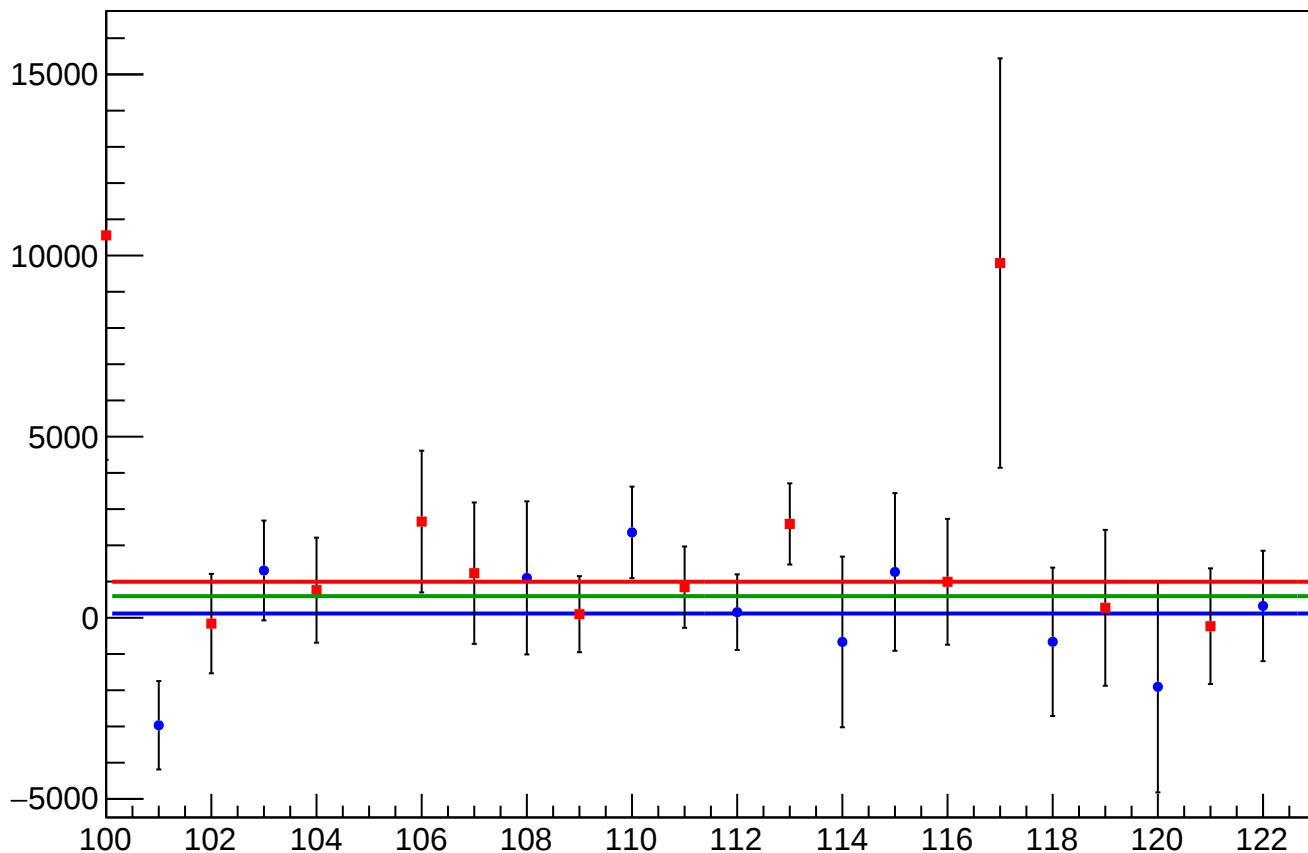
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

71.772 $\pm$ 0.028 χ^2 /NDF: 709404.5/10

71.083 $\pm$ 0.019 χ^2 /NDF: 1388902.2/22

70.489 $\pm$ 0.026 χ^2 /NDF: 678332.6/11

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: 117.746+/-489.816 χ^2/NDF : 11.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 995.187+/-446.058 χ^2/NDF : 9.8/11

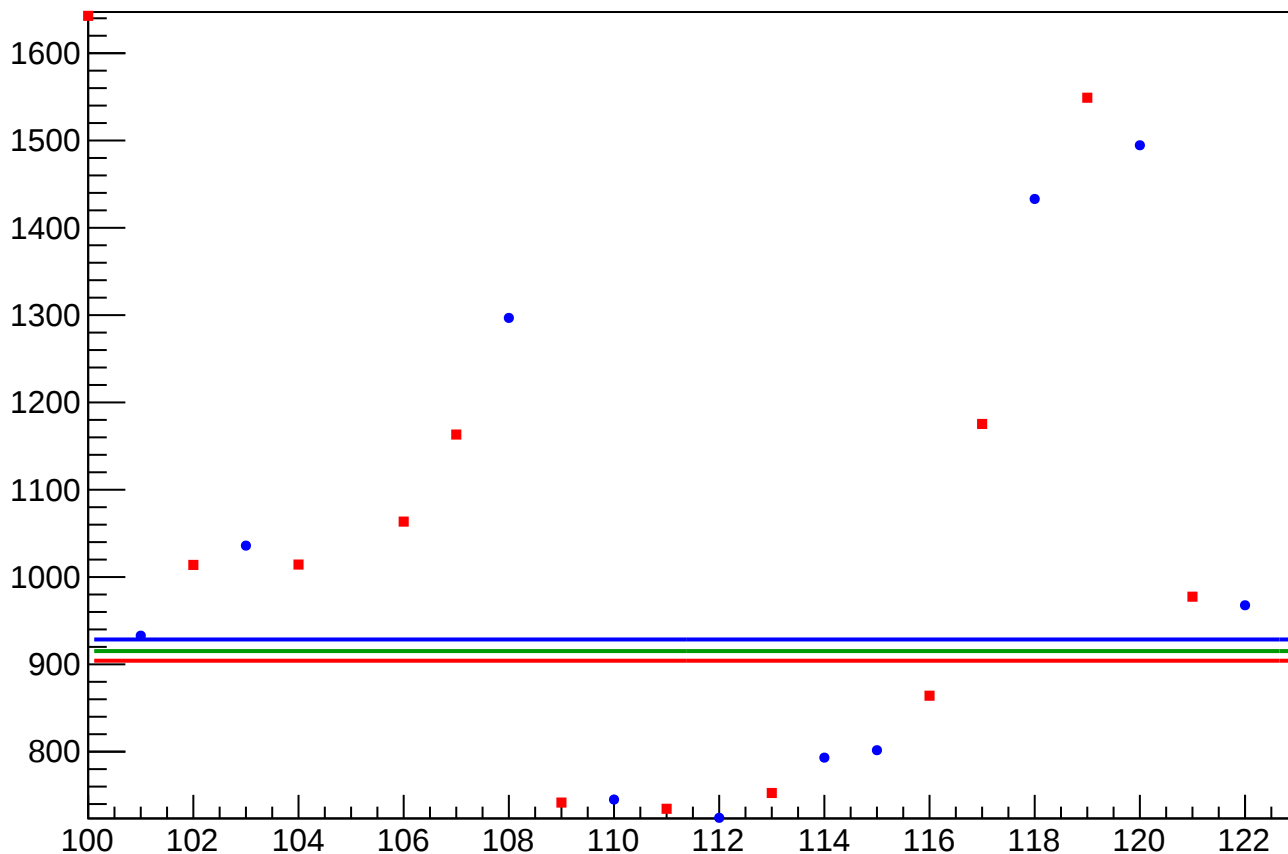
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

117.746+/-489.816 χ^2/NDF : 11.5/10

597.402+/-329.798 χ^2/NDF : 23.1/22

995.187+/-446.058 χ^2/NDF : 9.8/11

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 928.504+/-0.346 χ^2/NDF : 408094.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 904.168+/-0.315 χ^2/NDF : 421011.9/11

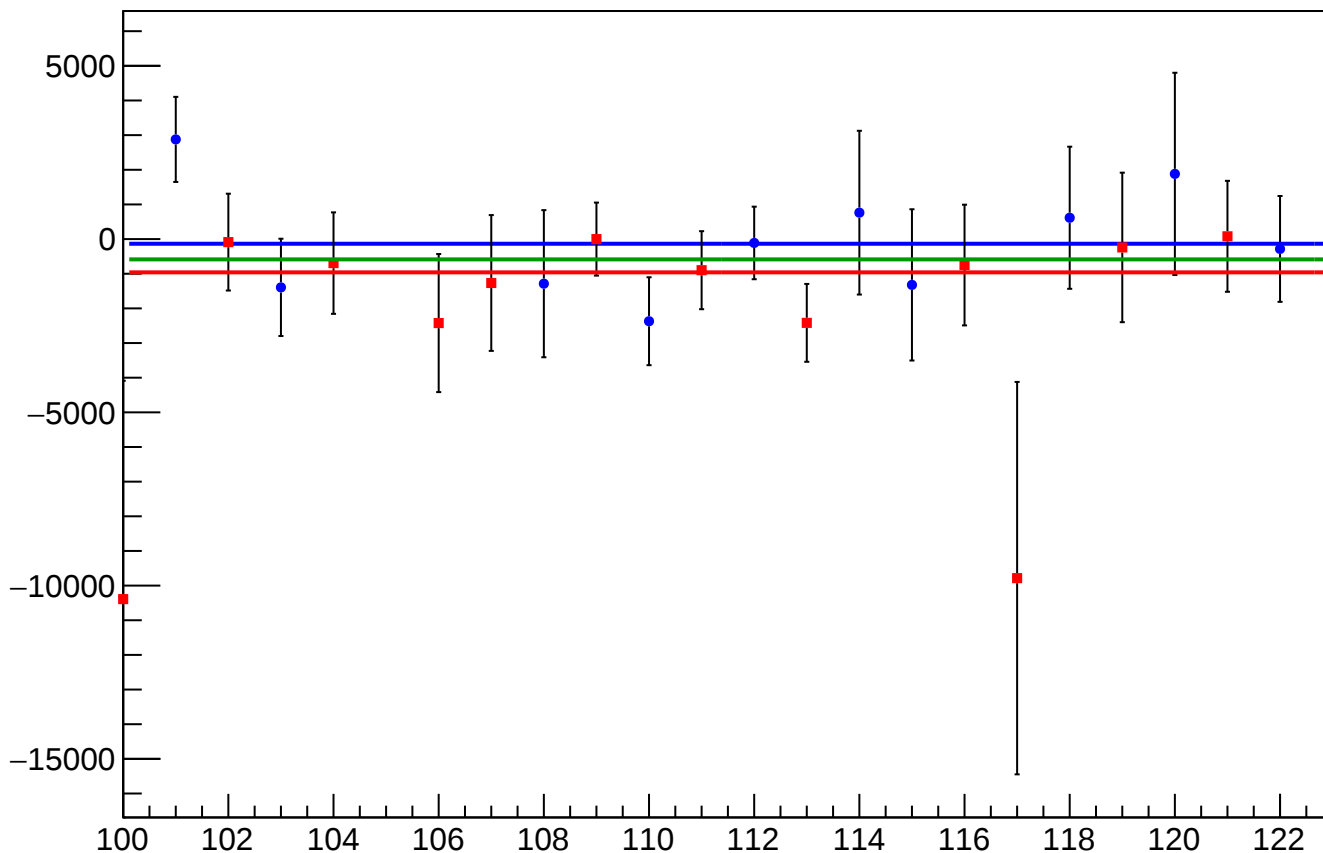
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

928.504+/-0.346 χ^2/NDF : 408094.5/10

915.201+/-0.233 χ^2/NDF : 831805.1/22

904.168+/-0.315 χ^2/NDF : 421011.9/11

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -134.304 ± 492.538 χ^2/NDF : 11.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -960.110 ± 448.831 χ^2/NDF : 8.7/11

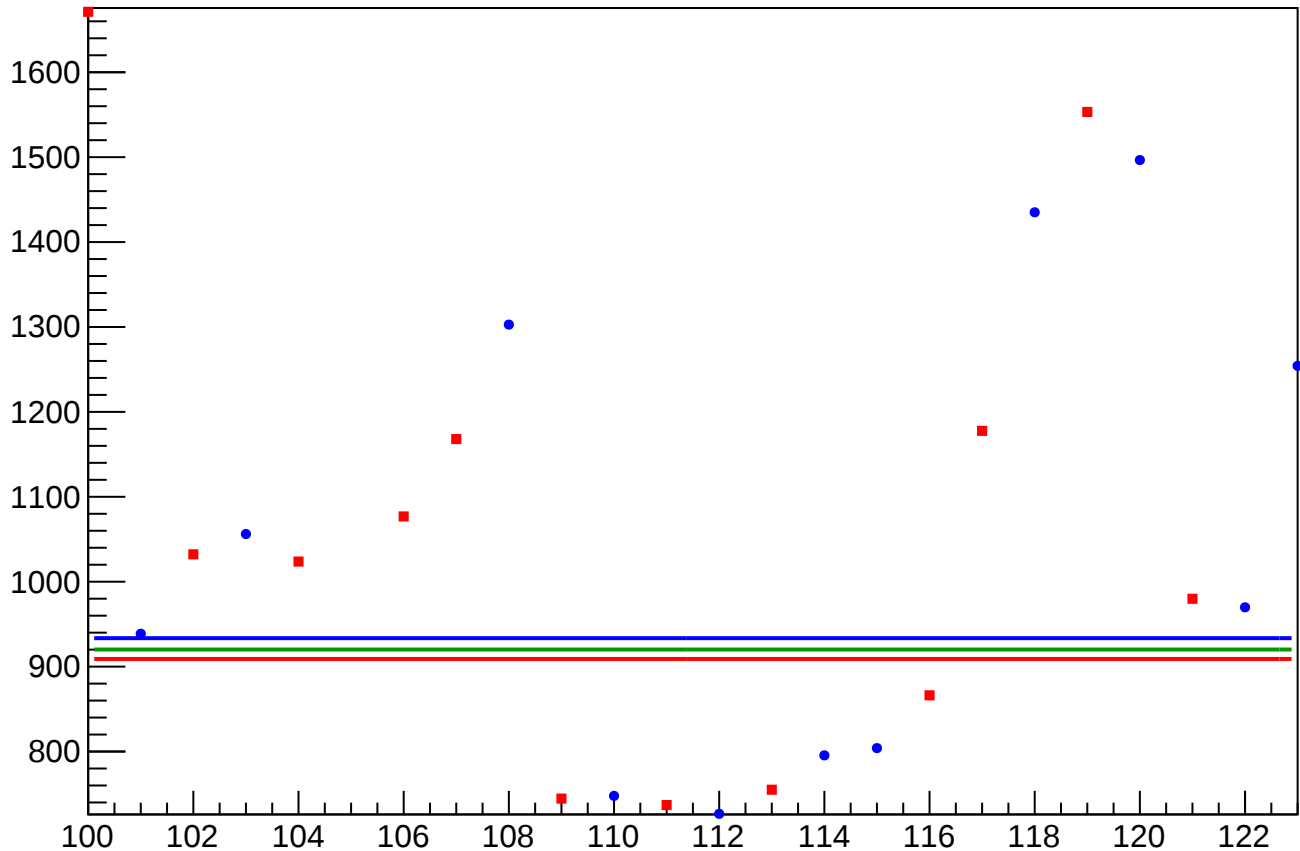
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-134.304 ± 492.538 χ^2/NDF : 11.3/10

-585.466 ± 331.749 χ^2/NDF : 21.5/22

-960.110 ± 448.831 χ^2/NDF : 8.7/11

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 933.505+/-0.348 χ^2/NDF : 410613.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 909.024+/-0.317 χ^2/NDF : 427191.2/11

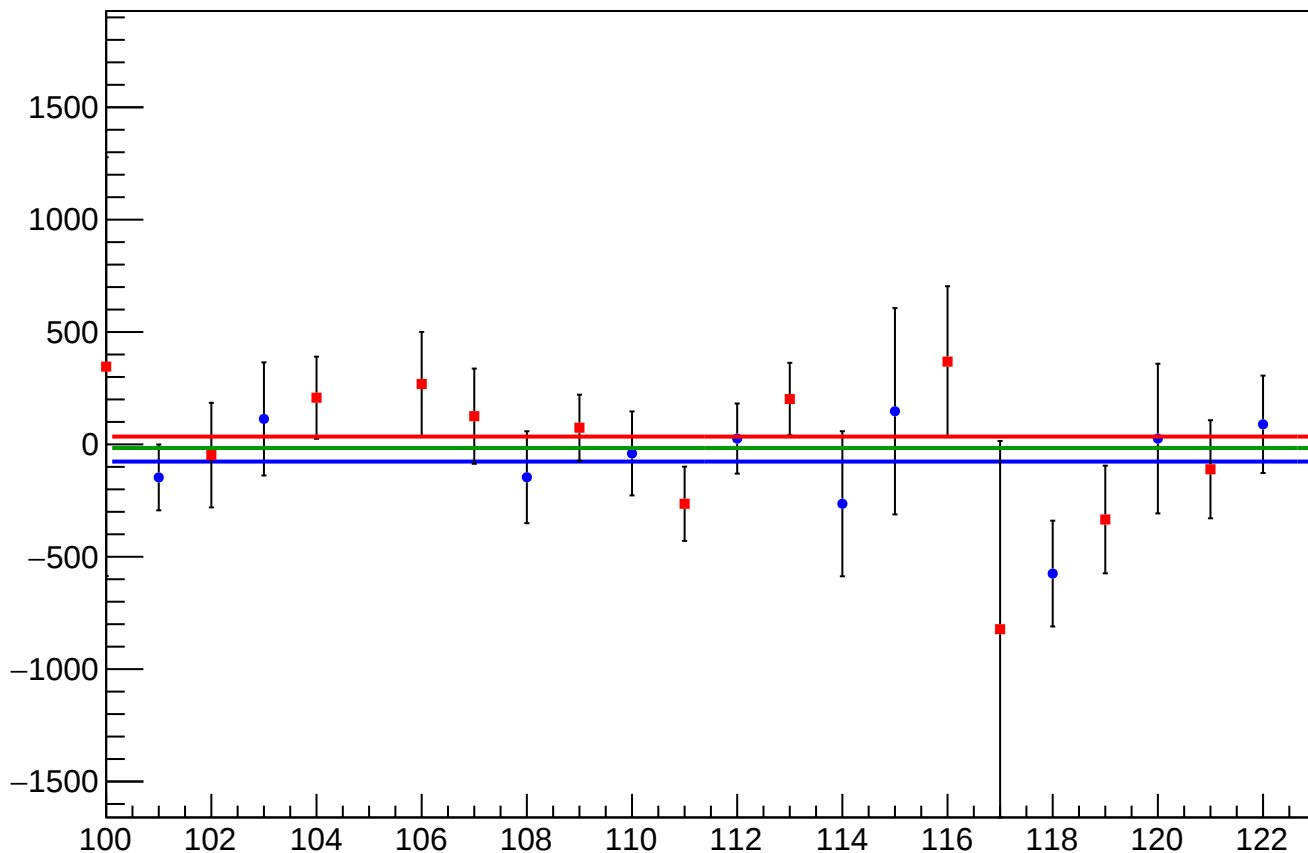
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

933.505+/-0.348 χ^2/NDF : 410613.5/10

920.130+/-0.235 χ^2/NDF : 840504.1/22

909.024+/-0.317 χ^2/NDF : 427191.2/11

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -76.375 ± 67.365 χ^2/NDF : 9.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 34.724 ± 61.928 χ^2/NDF : 11.6/11

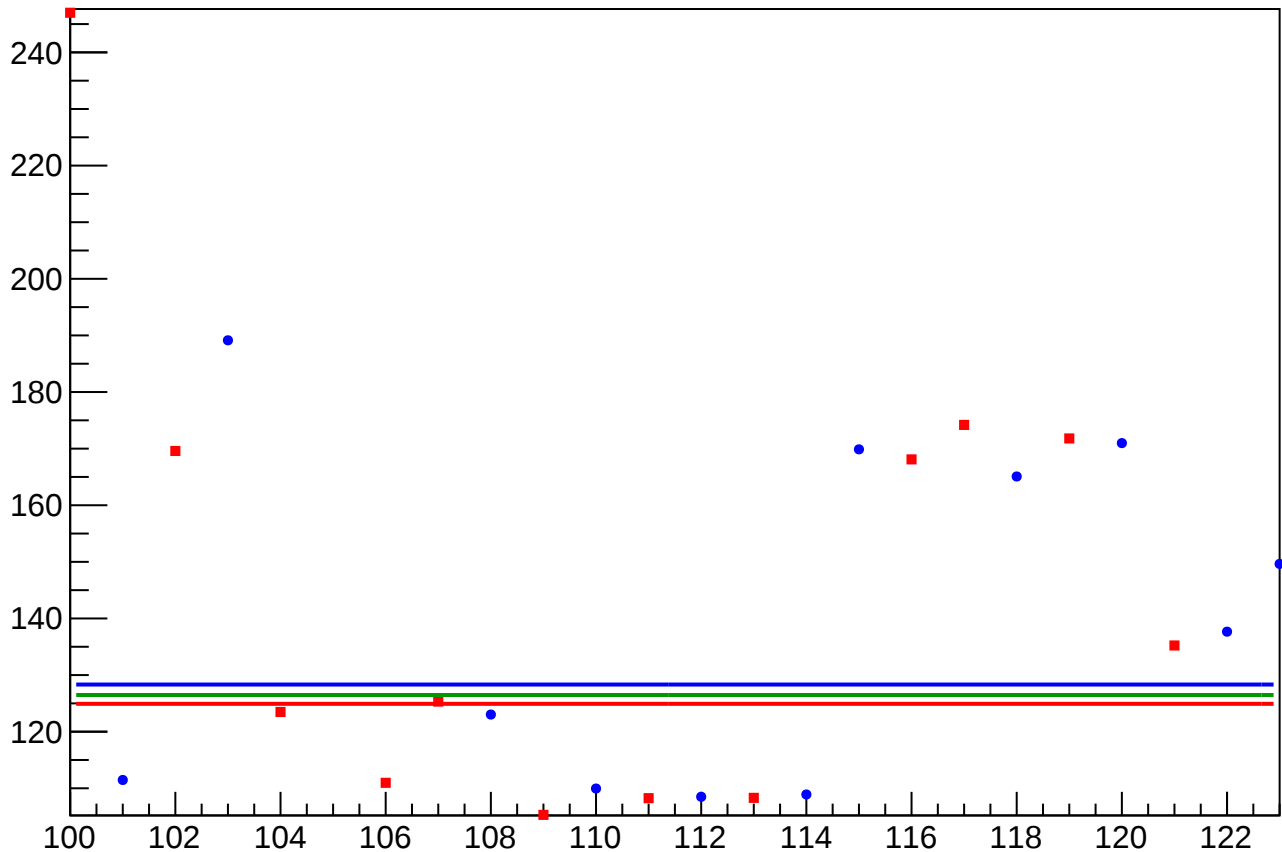
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-76.375 ± 67.365 χ^2/NDF : 9.6/10

-16.161 ± 45.591 χ^2/NDF : 22.6/22

34.724 ± 61.928 χ^2/NDF : 11.6/11

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 128.330+/-0.048 χ^2/NDF : 306708.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.919+/-0.044 χ^2/NDF : 313820.3/11

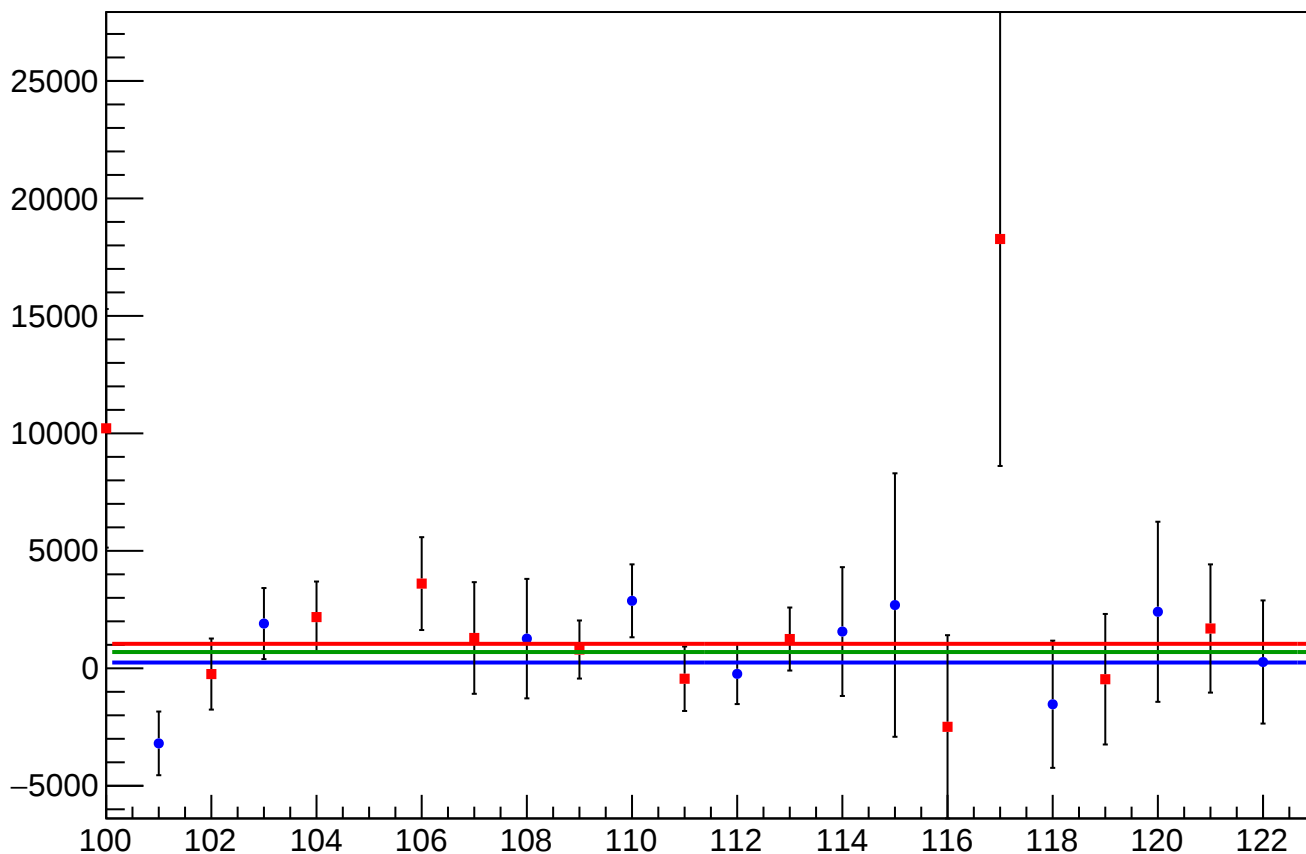
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

128.330+/-0.048 χ^2/NDF : 306708.6/10

126.481+/-0.032 χ^2/NDF : 623306.7/22

124.919+/-0.044 χ^2/NDF : 313820.3/11

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: 247.055+/-610.562 χ^2/NDF : 12.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1042.872+/-540.177 χ^2/NDF : 11.8/11

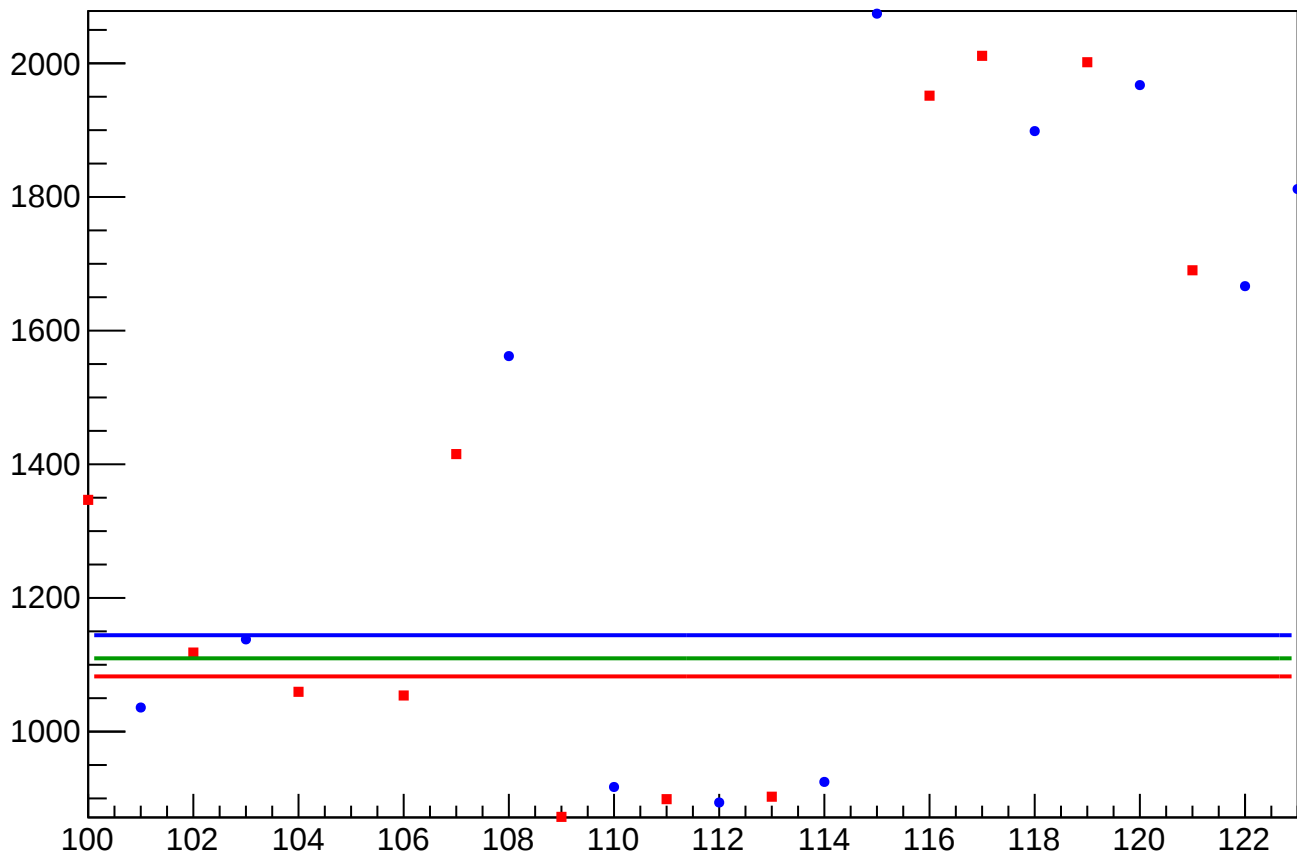
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

247.055+/-610.562 χ^2/NDF : 12.1/10

693.458+/-404.569 χ^2/NDF : 24.9/22

1042.872+/-540.177 χ^2/NDF : 11.8/11

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1144.223+/-0.432 χ^2/NDF : 590211.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1082.586+/-0.382 χ^2/NDF : 612149.1/11

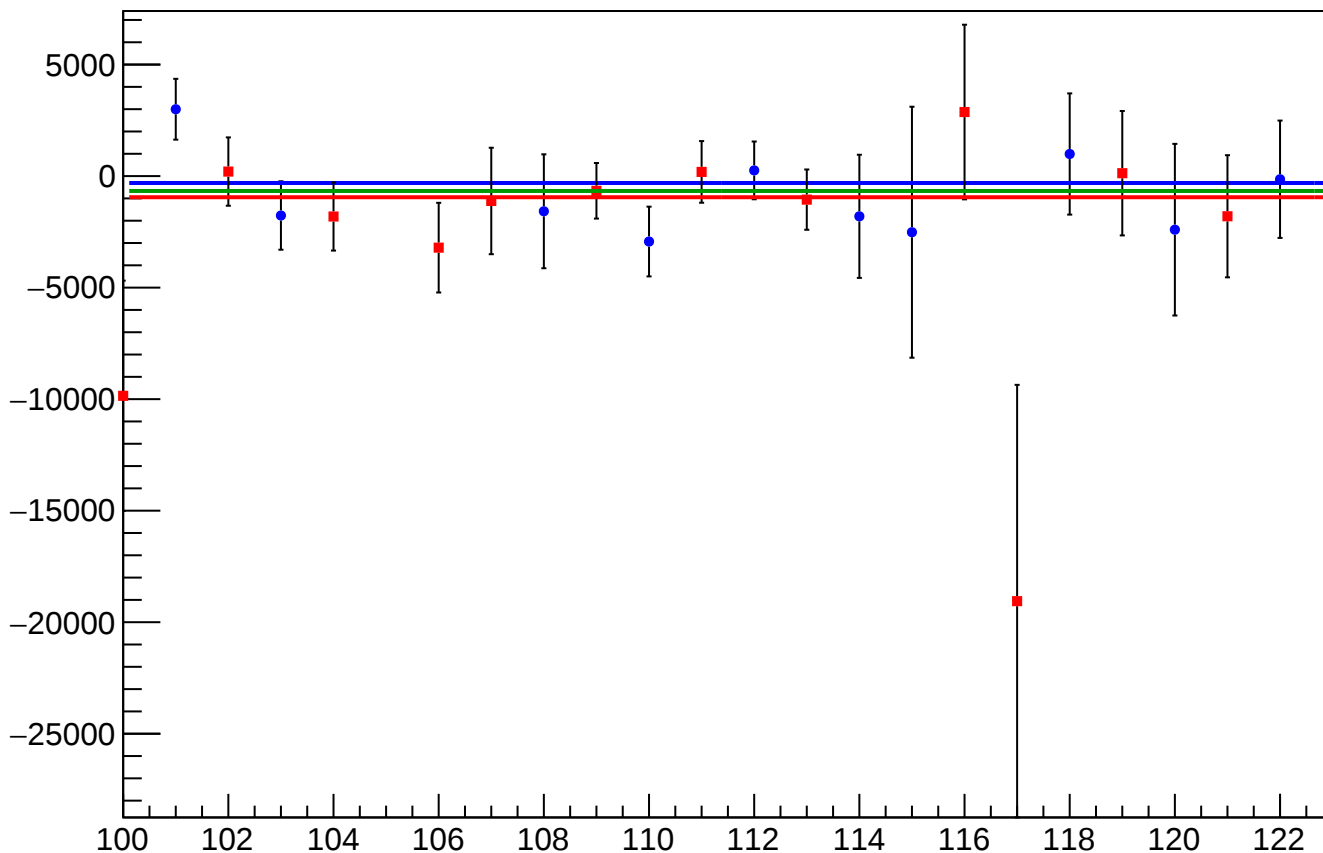
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1144.223+/-0.432 χ^2/NDF : 590211.3/10

1109.649+/-0.286 χ^2/NDF : 1213793.5/22

1082.586+/-0.382 χ^2/NDF : 612149.1/11

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -308.641+/-615.088 χ^2/NDF : 11.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -947.550+/-544.847 χ^2/NDF : 10.5/11

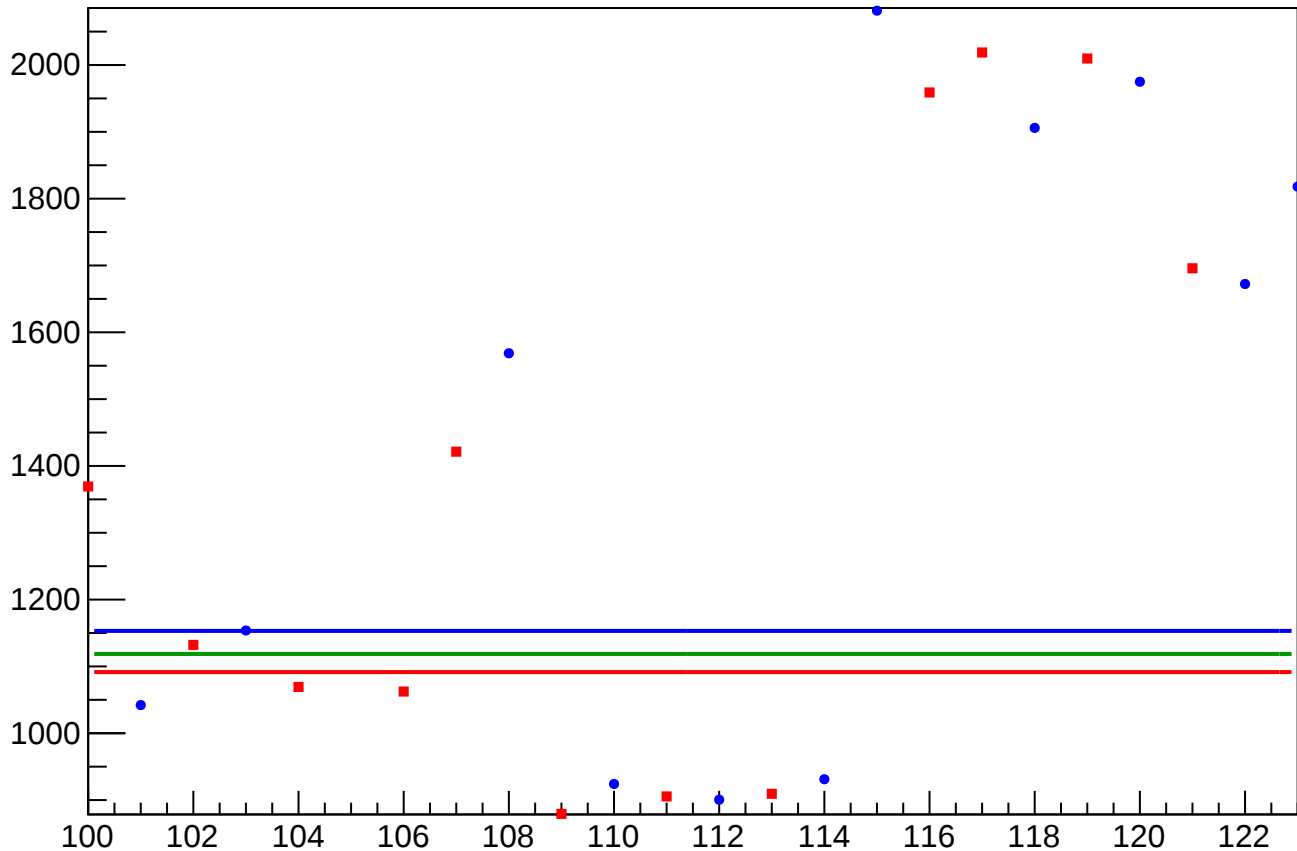
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-308.641+/-615.088 χ^2/NDF : 11.1/10

-666.644+/-407.848 χ^2/NDF : 22.2/22

-947.550+/-544.847 χ^2/NDF : 10.5/11

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1153.139 $\pm$ 0.435 χ^2 /NDF: 585027.8/10

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

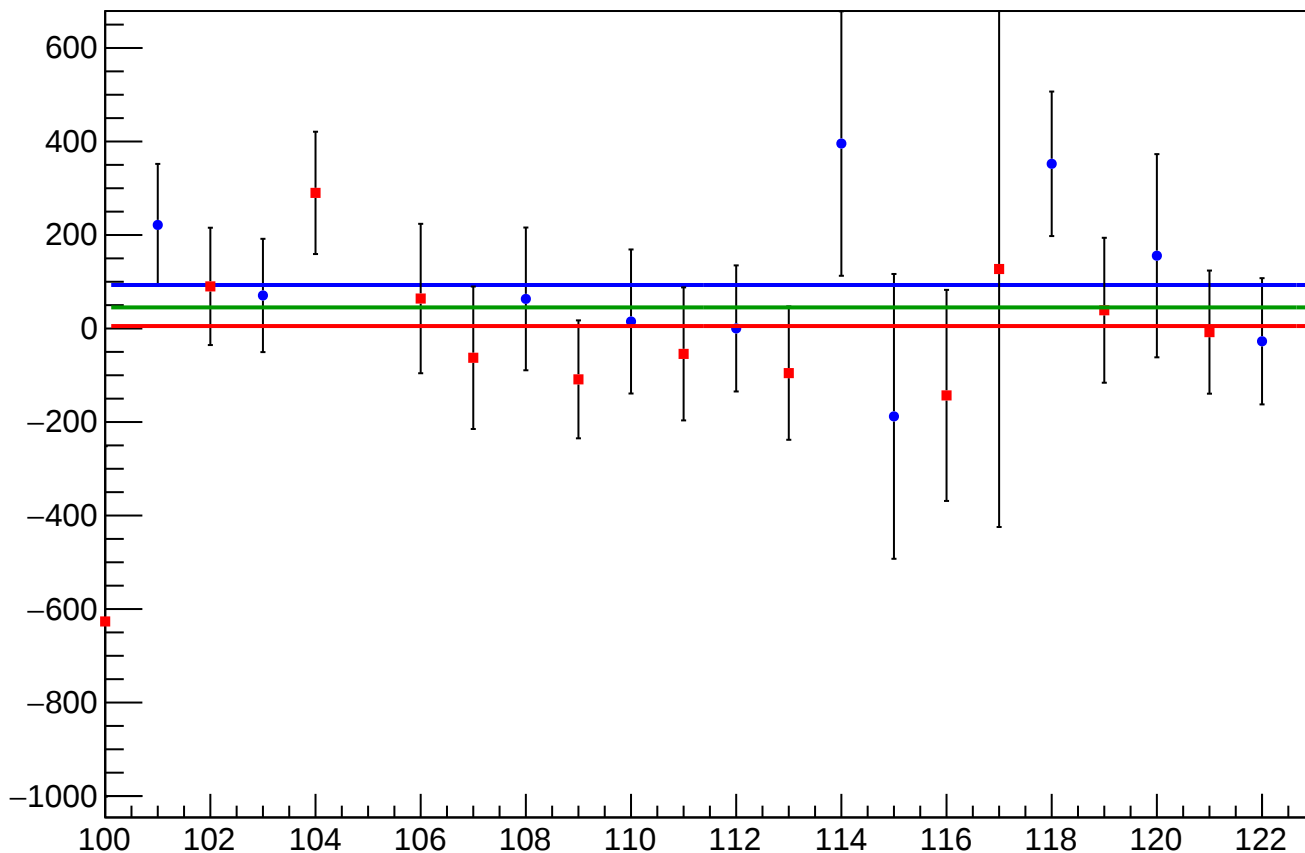
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1153.139 $\pm$ 0.435 χ^2 /NDF: 585027.8/10

1118.638 $\pm$ 0.288 χ^2 /NDF: 1203748.5/22

1091.567 $\pm$ 0.385 χ^2 /NDF: 607490.8/11

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 93.092+/-49.258 χ^2/NDF : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.275+/-44.948 χ^2/NDF : 10.4/11

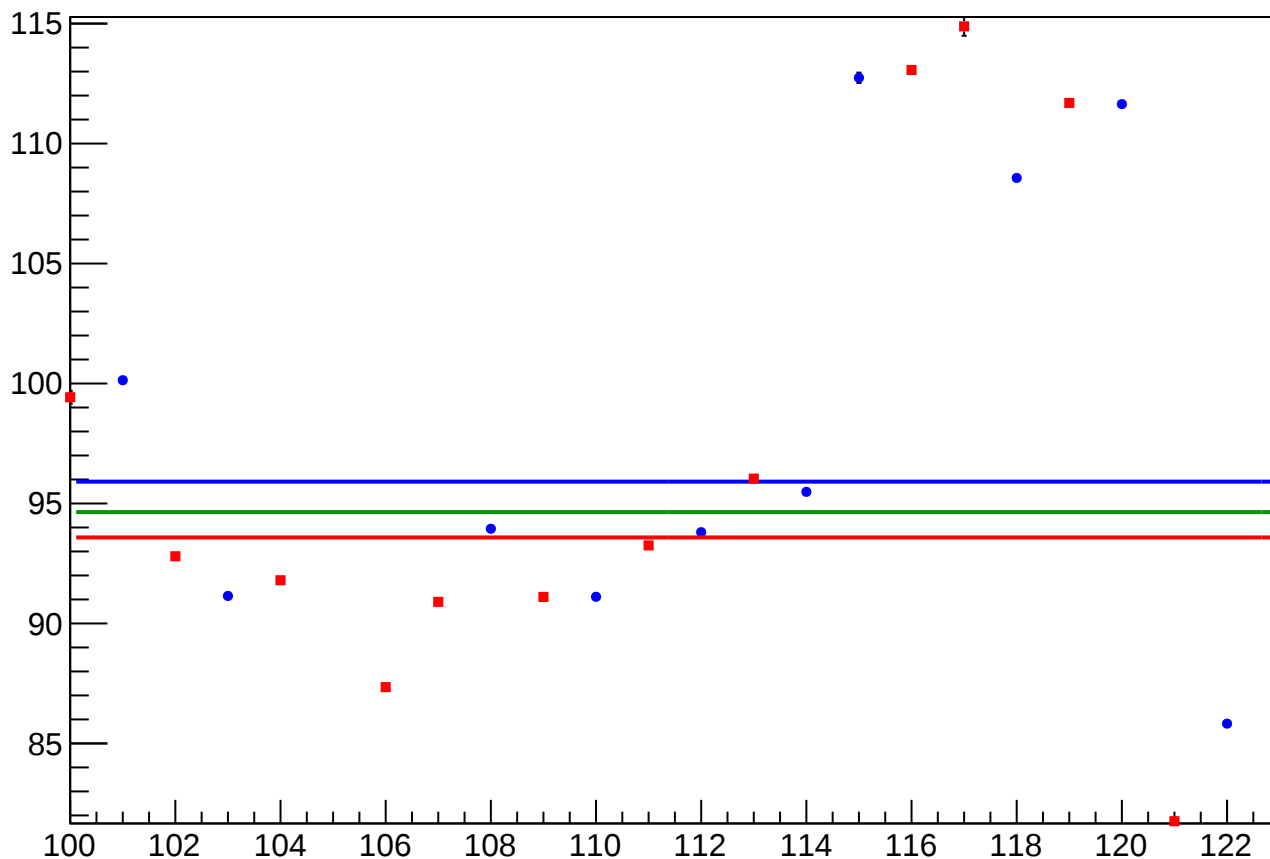
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

93.092+/-49.258 χ^2/NDF : 9.2/10

45.174+/-33.202 χ^2/NDF : 21.3/22

5.275+/-44.948 χ^2/NDF : 10.4/11

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 95.910+/-0.035 χ^2/NDF : 49143.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.585+/-0.032 χ^2/NDF : 67292.5/11

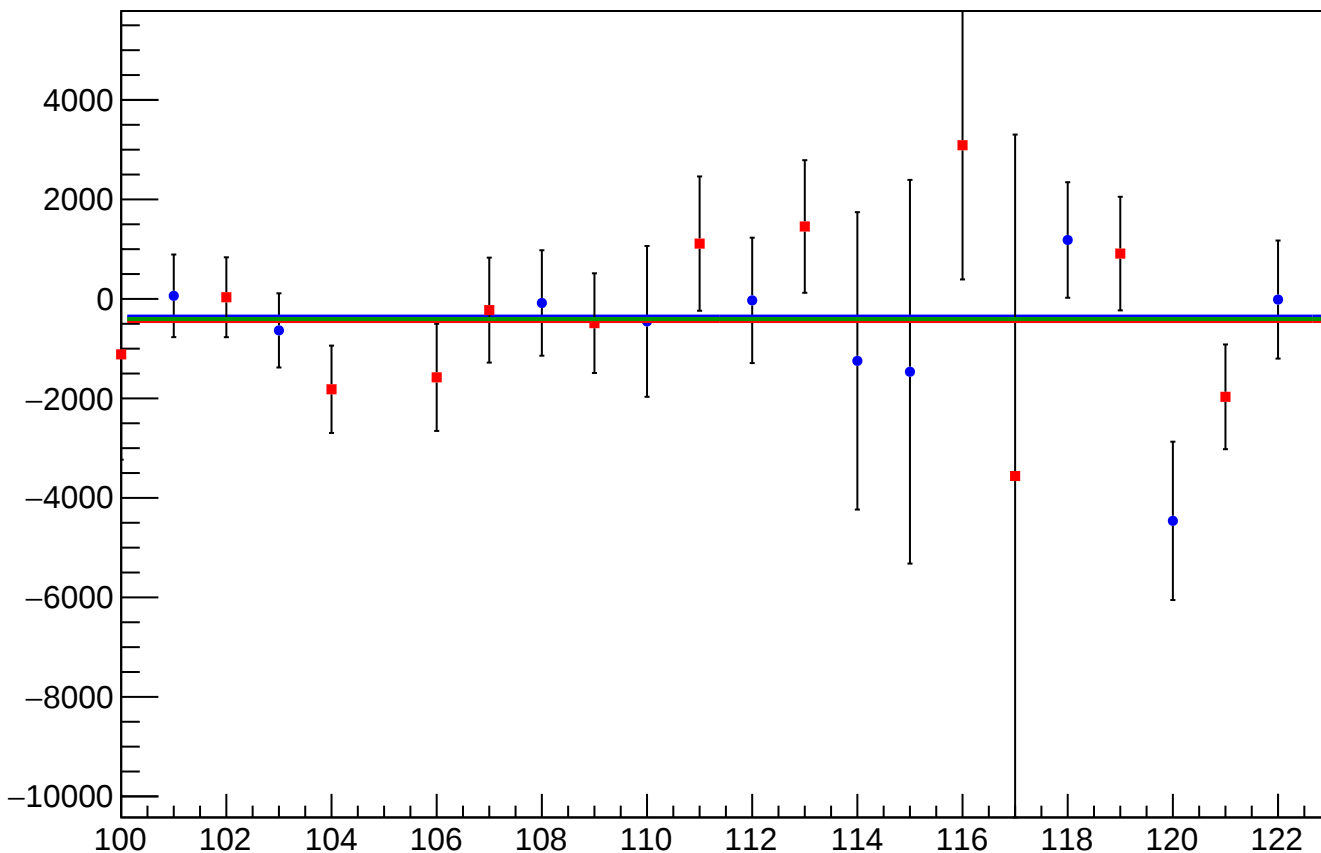
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

95.910+/-0.035 χ^2/NDF : 49143.1/10

94.641+/-0.023 χ^2/NDF : 118867.9/22

93.585+/-0.032 χ^2/NDF : 67292.5/11

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -355.095+/-370.628 χ^2/NDF : 9.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -444.709+/-337.724 χ^2/NDF : 12.8/11

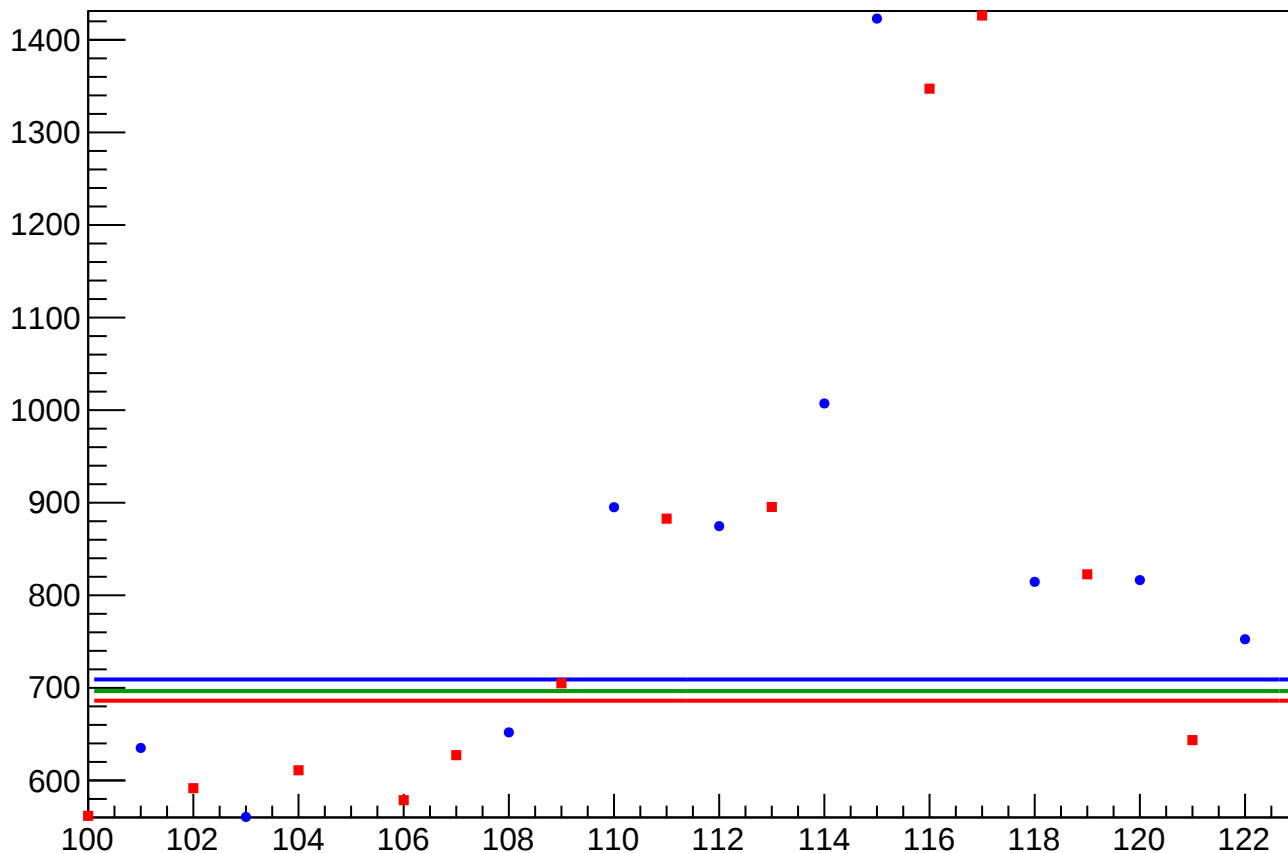
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-355.095+/-370.628 χ^2/NDF : 9.4/10

-404.056+/-249.631 χ^2/NDF : 22.3/22

-444.709+/-337.724 χ^2/NDF : 12.8/11

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 709.070+/-0.262 χ^2/NDF : 284762.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 686.139+/-0.239 χ^2/NDF : 343073.8/11

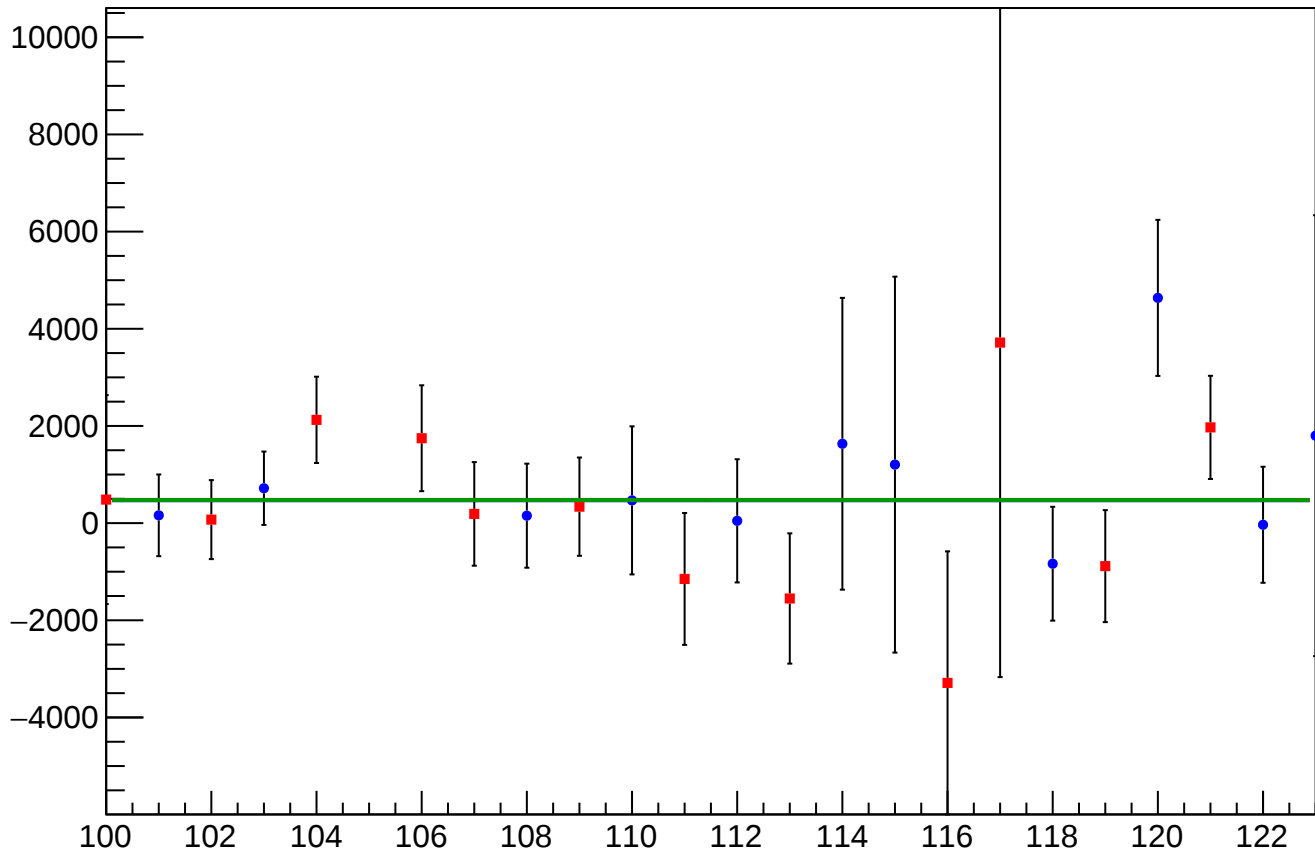
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

709.070+/-0.262 χ^2/NDF : 284762.6/10

696.542+/-0.177 χ^2/NDF : 632019.2/22

686.139+/-0.239 χ^2/NDF : 343073.8/11

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 471.352+/-374.348 χ^2/NDF : 8.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 477.385+/-341.137 χ^2/NDF : 14.4/11

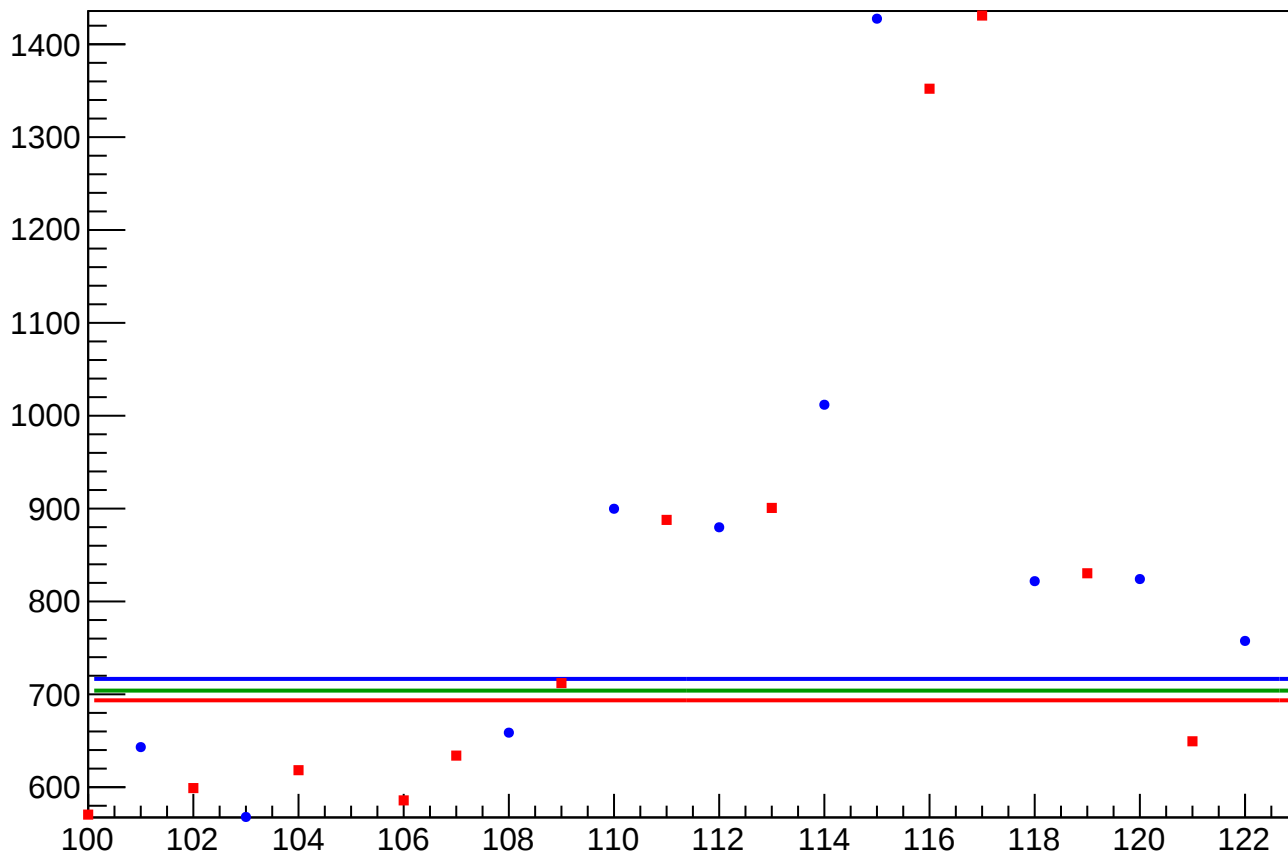
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

471.352+/-374.348 χ^2/NDF : 8.9/10

474.648+/-252.145 χ^2/NDF : 23.3/22

477.385+/-341.137 χ^2/NDF : 14.4/11

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 716.599+/-0.265 χ^2/NDF : 277191.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 693.538+/-0.241 χ^2/NDF : 336030.9/11

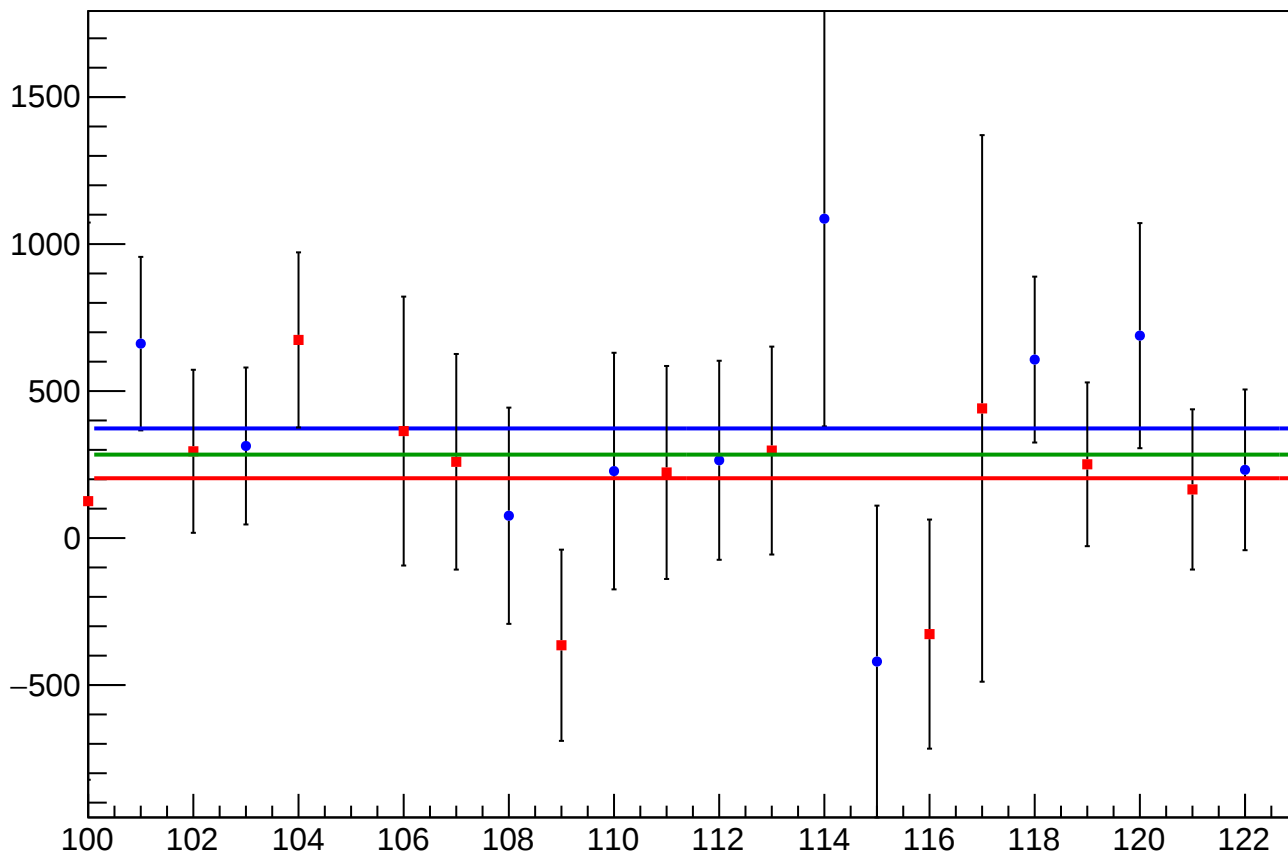
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

716.599+/-0.265 χ^2/NDF : 277191.3/10

704.000+/-0.178 χ^2/NDF : 617368.9/22

693.538+/-0.241 χ^2/NDF : 336030.9/11

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 372.903 $\pm$ 106.993 χ^2 /NDF: 6.8/10

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

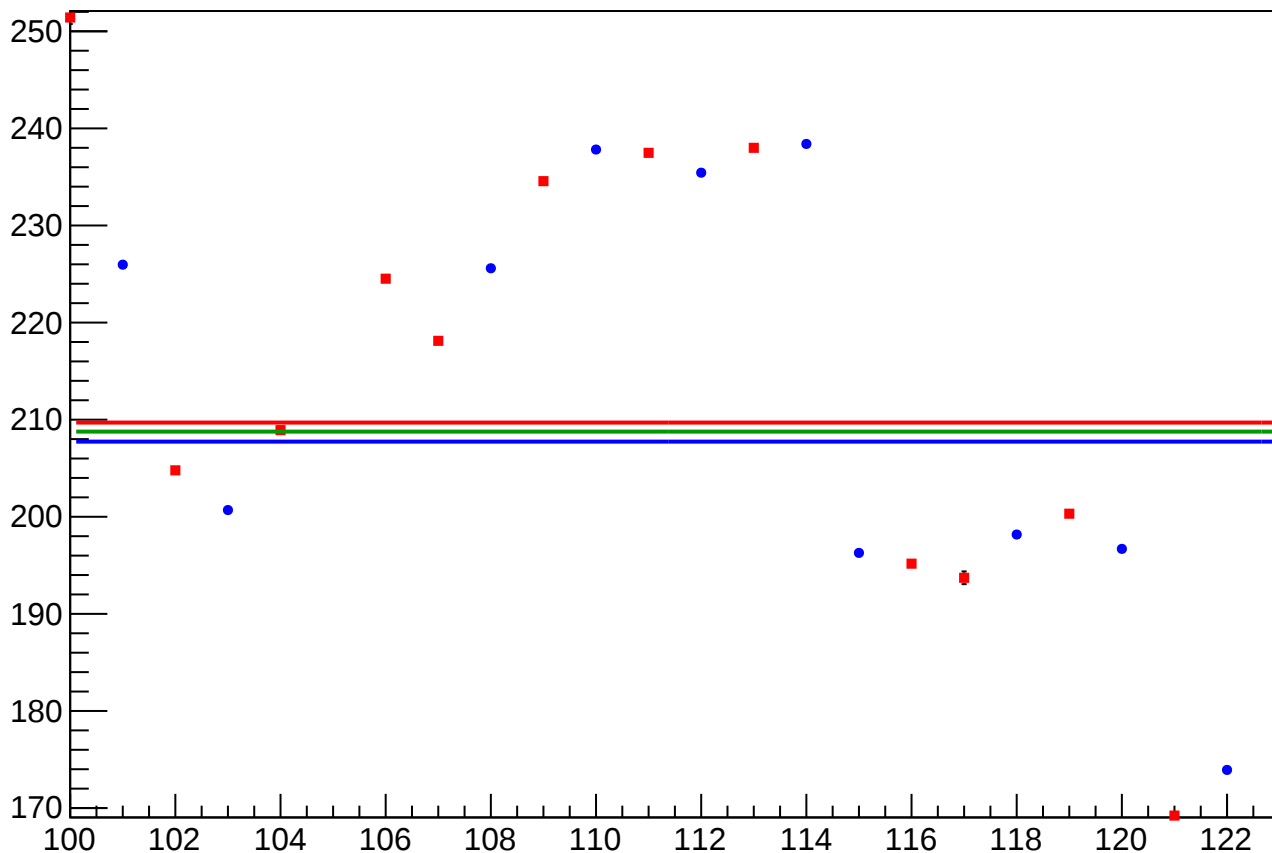
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

372.903 $\pm$ 106.993 χ^2 /NDF: 6.8/10

283.871 $\pm$ 73.697 χ^2 /NDF: 16.0/22

203.496 $\pm$ 101.658 χ^2 /NDF: 7.8/11

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 207.740 $\pm$ 0.076 χ^2 /NDF: 80522.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 209.703 $\pm$ 0.072 χ^2 /NDF: 93677.5/11

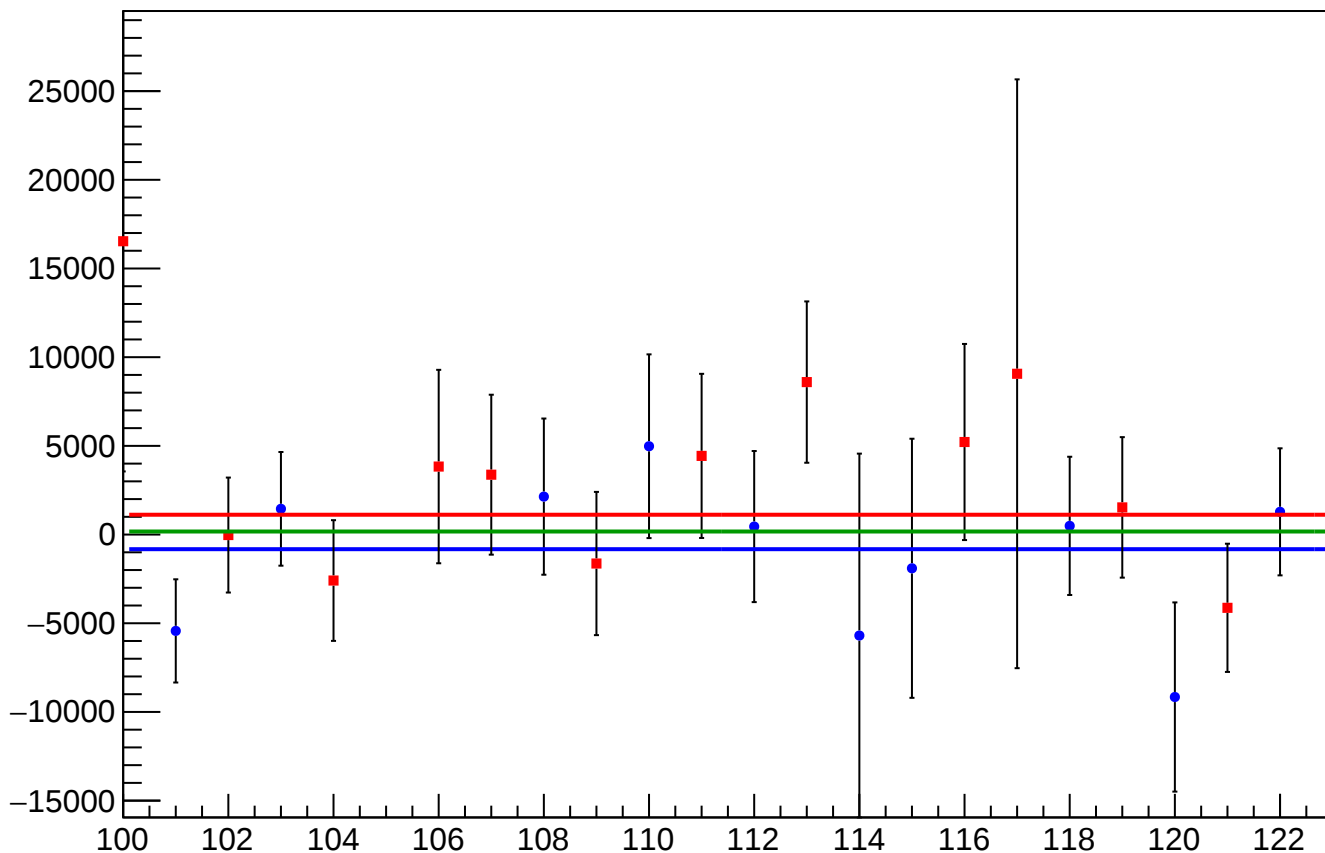
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

207.740 $\pm$ 0.076 χ^2 /NDF: 80522.6/10

208.772 $\pm$ 0.052 χ^2 /NDF: 174553.9/22

209.703 $\pm$ 0.072 χ^2 /NDF: 93677.5/11

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -824.317+/-1321.842 χ^2/NDF : 8.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1117.840+/-1287.348 χ^2/NDF : 9.8/11

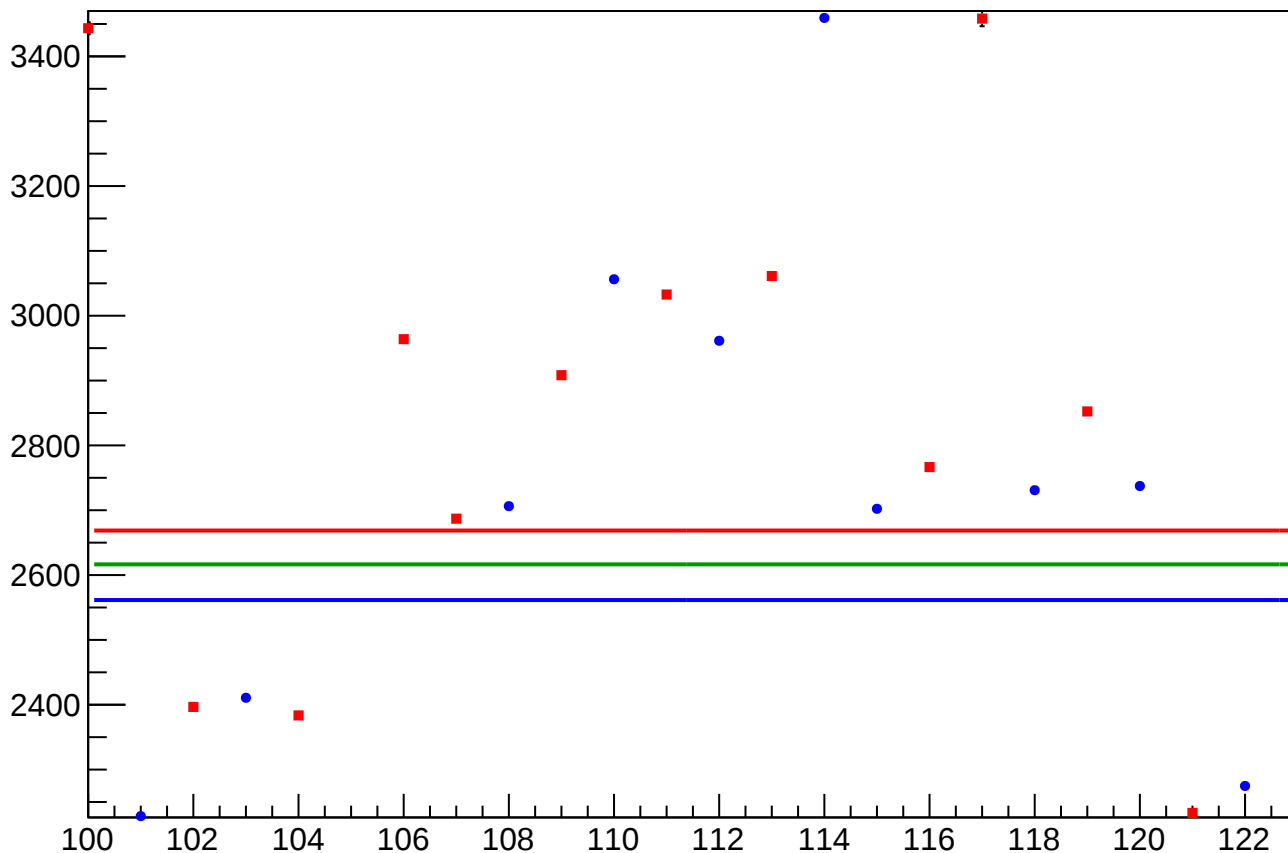
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-824.317+/-1321.842 χ^2/NDF : 8.0/10

172.433+/-922.246 χ^2/NDF : 18.9/22

1117.840+/-1287.348 χ^2/NDF : 9.8/11

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2561.506+/-0.935 χ^2/NDF : 103560.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2668.686+/-0.910 χ^2/NDF : 113968.5/11

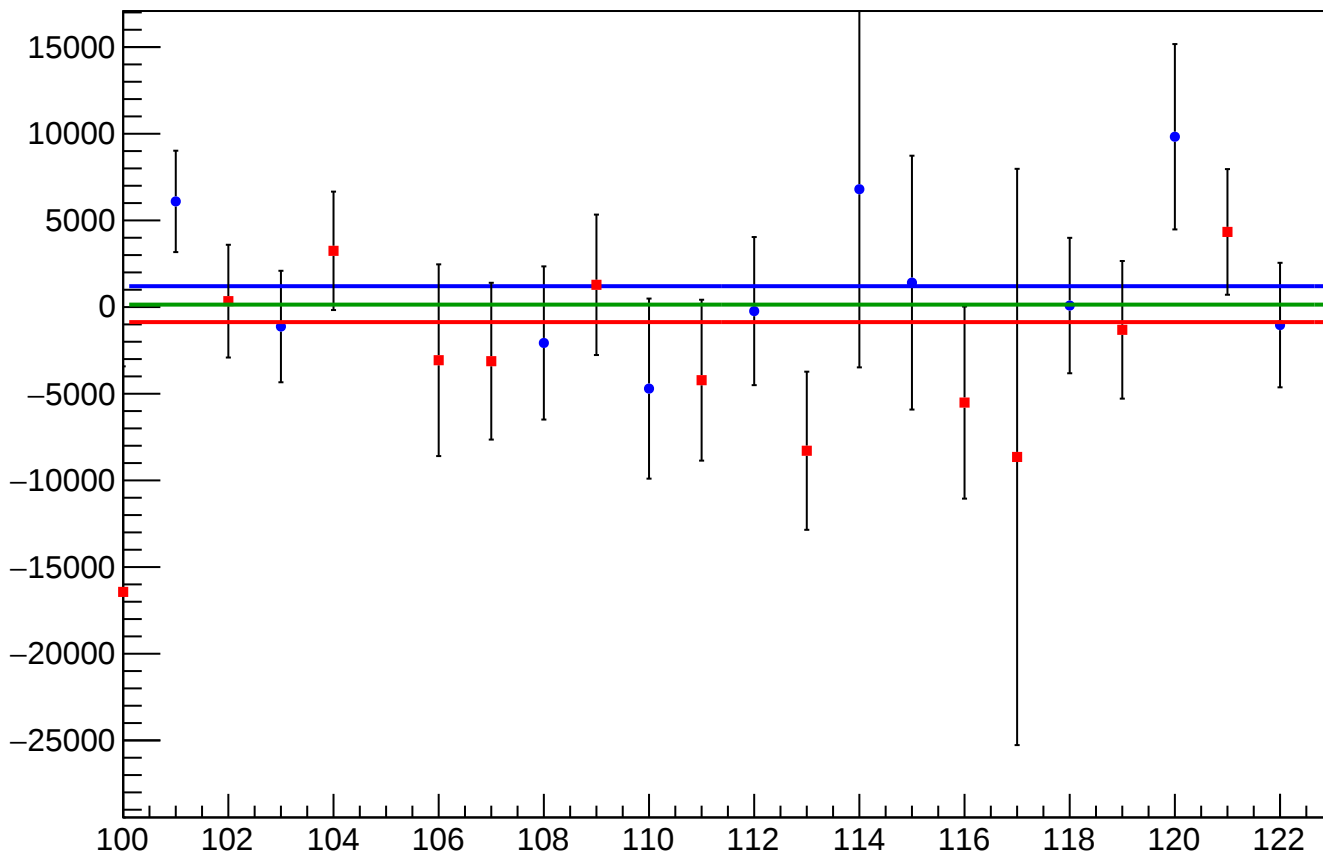
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2561.506+/-0.935 χ^2/NDF : 103560.7/10

2616.512+/-0.652 χ^2/NDF : 224277.5/22

2668.686+/-0.910 χ^2/NDF : 113968.5/11

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1205.241+/-1326.482 χ^2/NDF : 8.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -867.054+/-1292.295 χ^2/NDF : 9.9/11

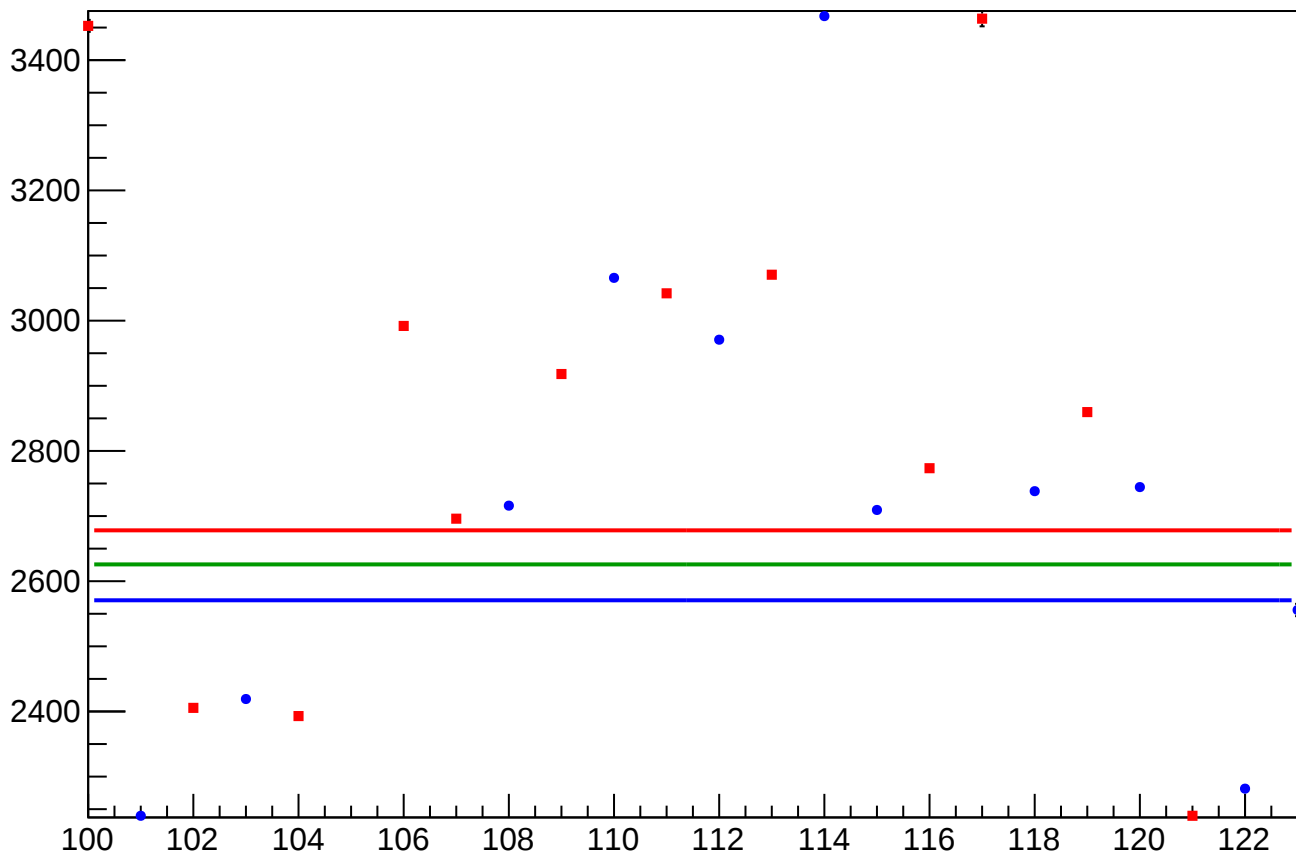
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1205.241+/-1326.482 χ^2/NDF : 8.7/10

142.045+/-925.641 χ^2/NDF : 19.8/22

-867.054+/-1292.295 χ^2/NDF : 9.9/11

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2570.694+/-0.938 χ^2/NDF : 102593.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2678.081+/-0.914 χ^2/NDF : 114123.5/11

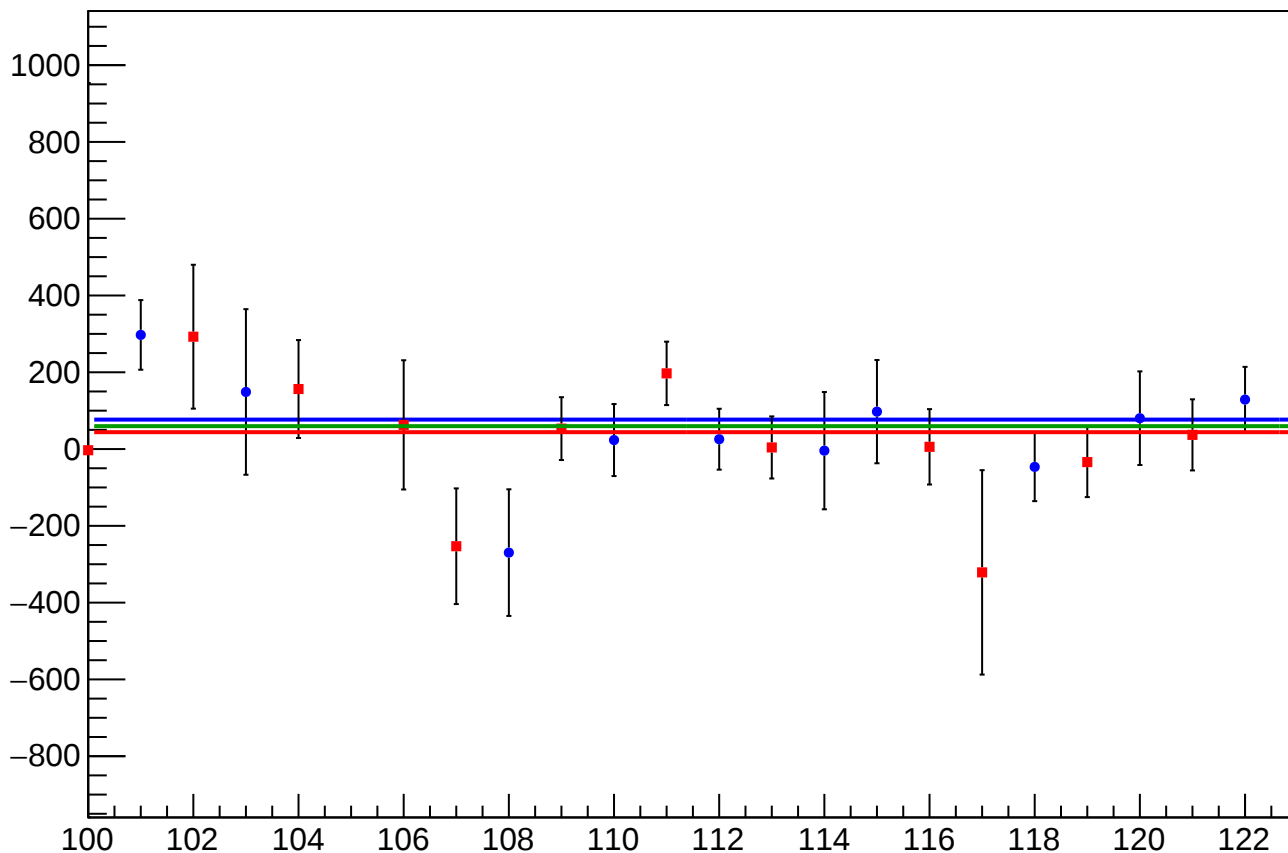
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2570.694+/-0.938 χ^2/NDF : 102593.2/10

2625.789+/-0.655 χ^2/NDF : 223441.7/22

2678.081+/-0.914 χ^2/NDF : 114123.5/11

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 76.734+/-33.468 χ^2/NDF : 20.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.955+/-32.047 χ^2/NDF : 12.9/11

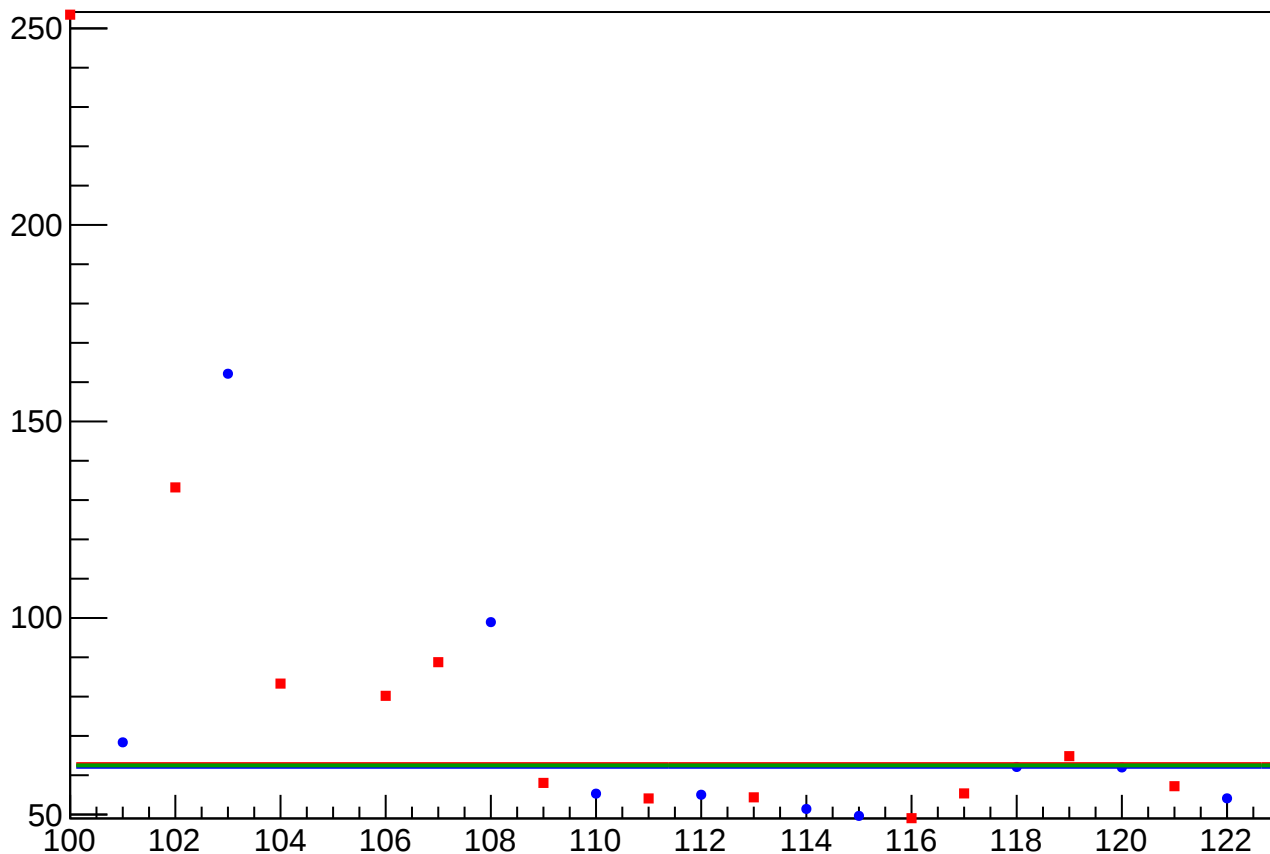
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

76.734+/-33.468 χ^2/NDF : 20.7/10

59.634+/-23.147 χ^2/NDF : 34.1/22

43.955+/-32.047 χ^2/NDF : 12.9/11

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 62.149+/-0.024 χ^2/NDF : 611419.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.826+/-0.023 χ^2/NDF : 594084.3/11

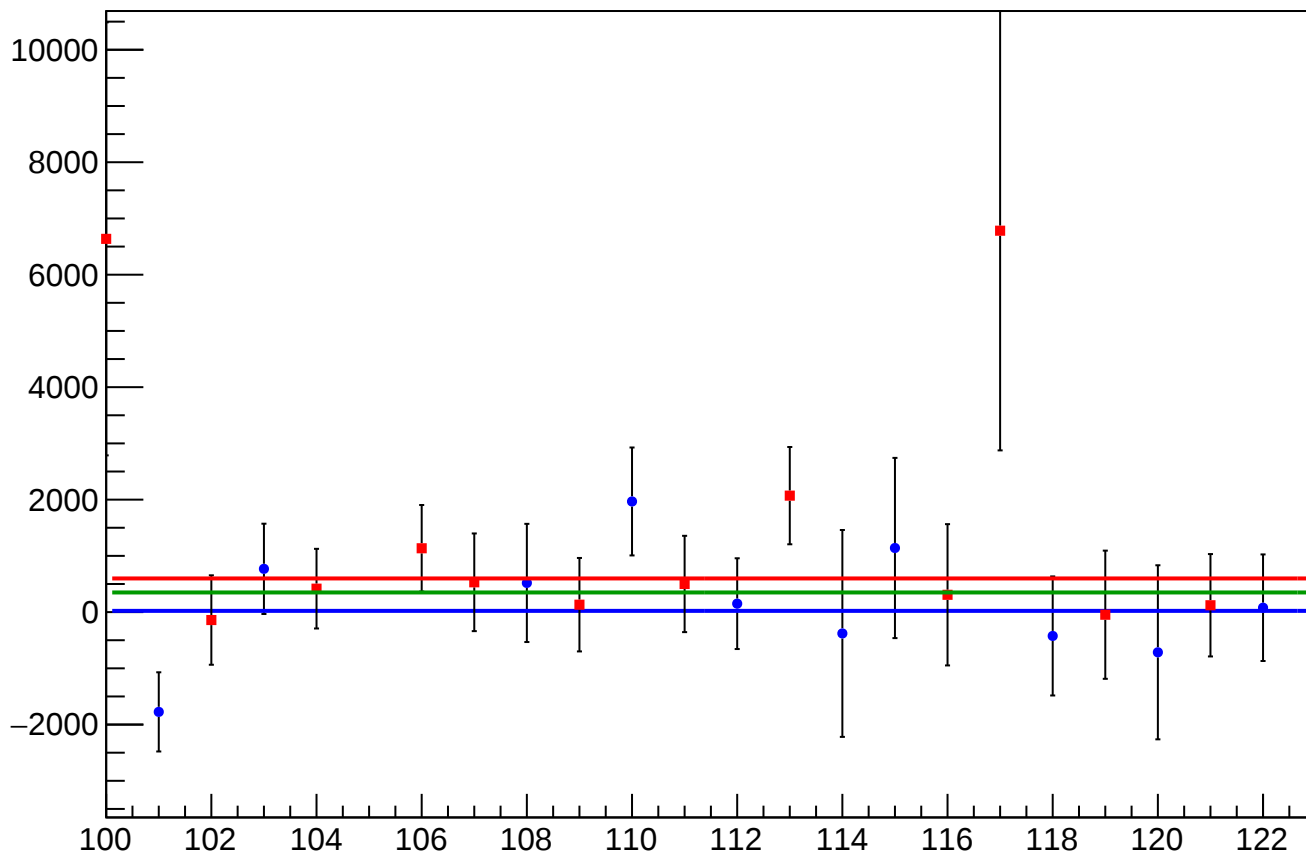
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

62.149+/-0.024 χ^2/NDF : 611419.8/10

62.502+/-0.016 χ^2/NDF : 1205930.3/22

62.826+/-0.023 χ^2/NDF : 594084.3/11

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 21.970+/-312.181 χ^2 /NDF: 12.7/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 598.515+/-272.351 χ^2 /NDF: 10.3/11

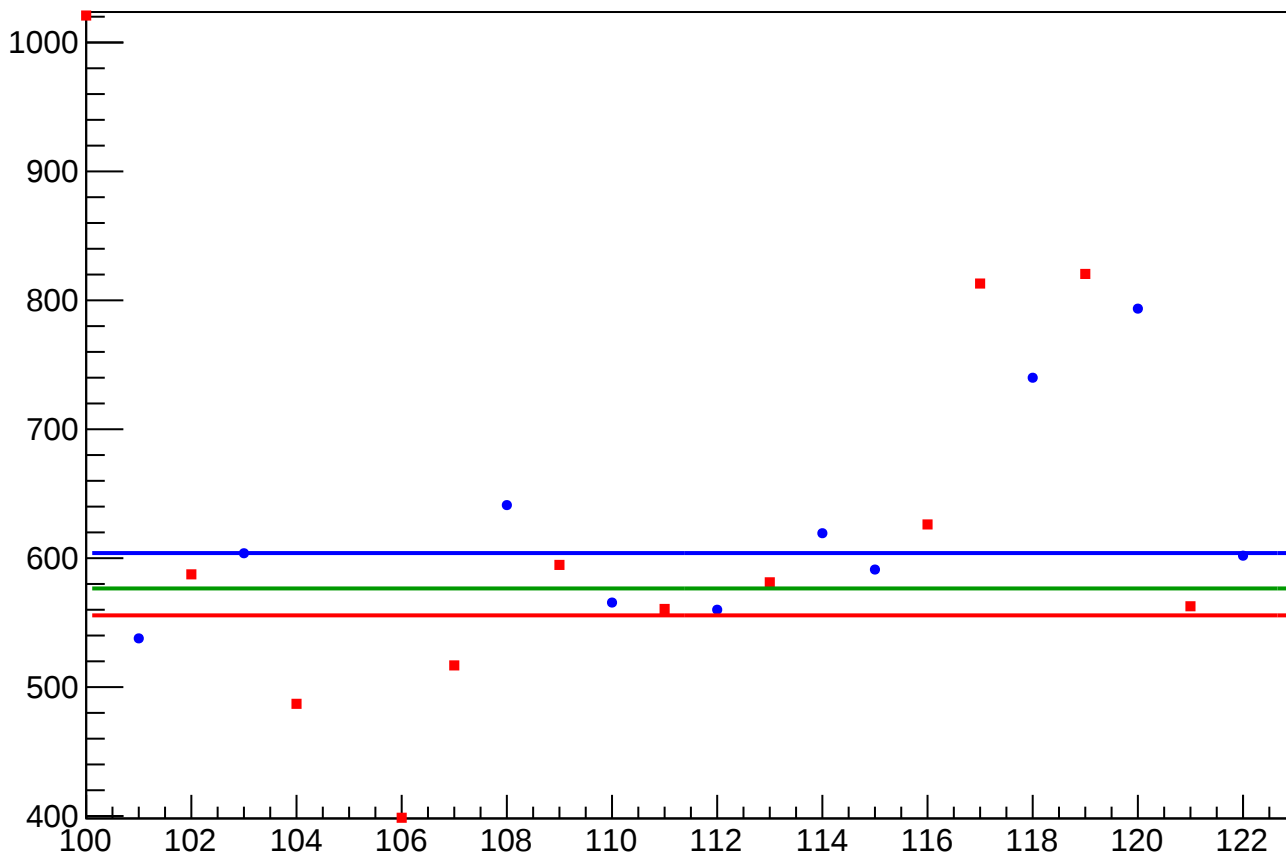
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

21.970+/-312.181 χ^2 /NDF: 12.7/10

349.346+/-205.228 χ^2 /NDF: 24.9/22

598.515+/-272.351 χ^2 /NDF: 10.3/11

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 603.961+/-0.221 χ^2/NDF : 97083.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 555.638+/-0.193 χ^2/NDF : 267798.6/11

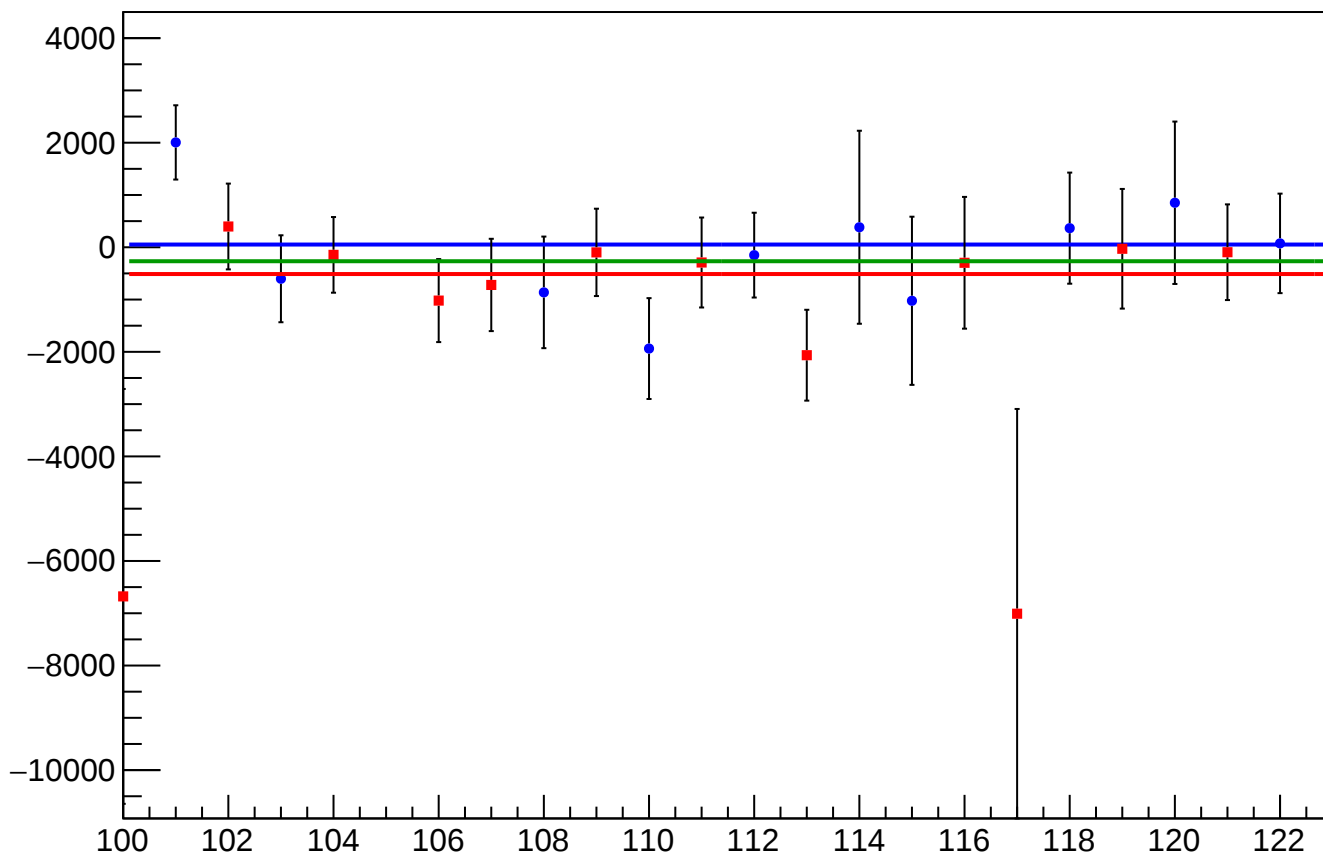
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

603.961+/-0.221 χ^2/NDF : 97083.6/10

576.522+/-0.145 χ^2/NDF : 392093.2/22

555.638+/-0.193 χ^2/NDF : 267798.6/11

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 52.233+/-315.547 χ^2 /NDF: 14.1/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -511.992+/-276.399 χ^2 /NDF: 11.0/11

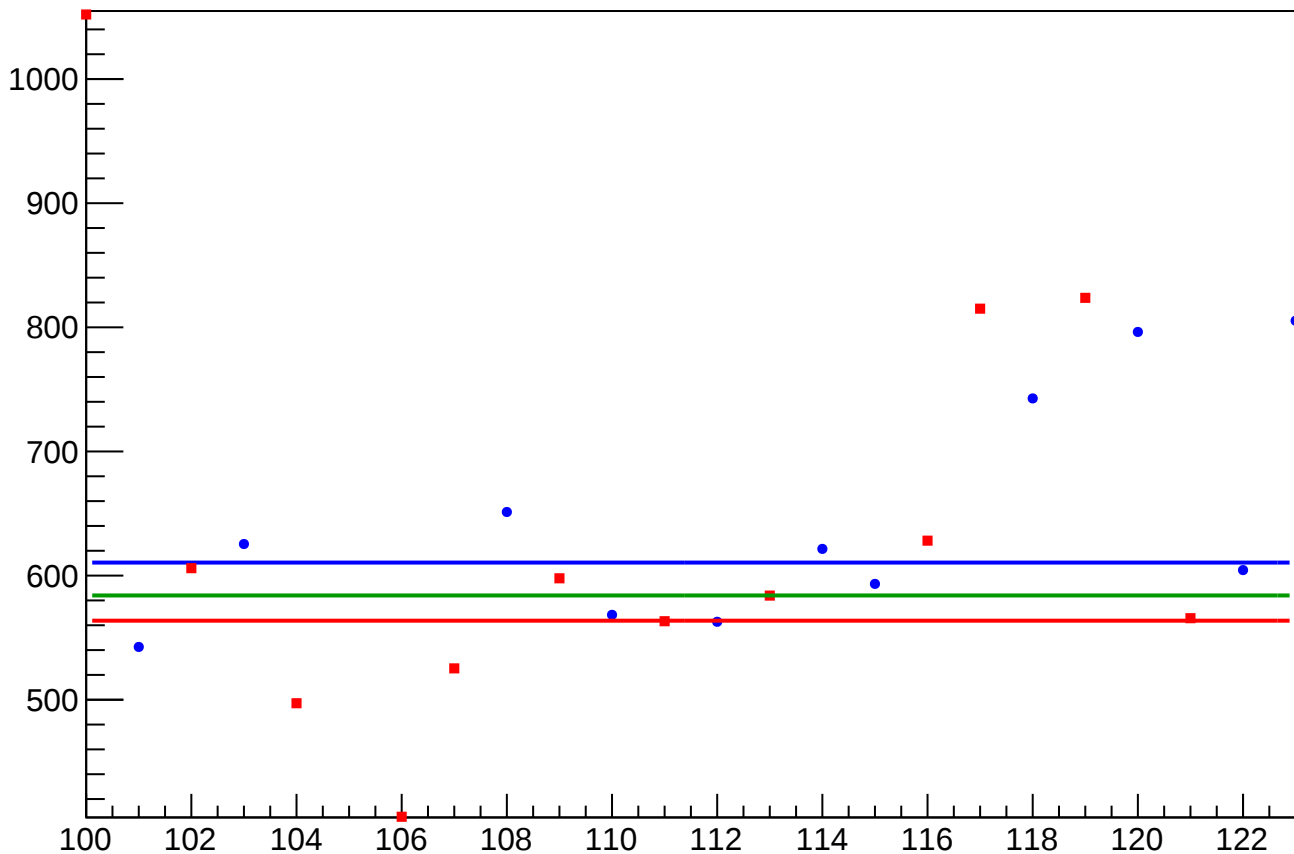
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

52.233+/-315.547 χ^2 /NDF: 14.1/10

-267.032+/-207.915 χ^2 /NDF: 26.9/22

-511.992+/-276.399 χ^2 /NDF: 11.0/11

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 610.492+/-0.223 χ^2/NDF : 96839.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 563.684+/-0.195 χ^2/NDF : 256659.2/11

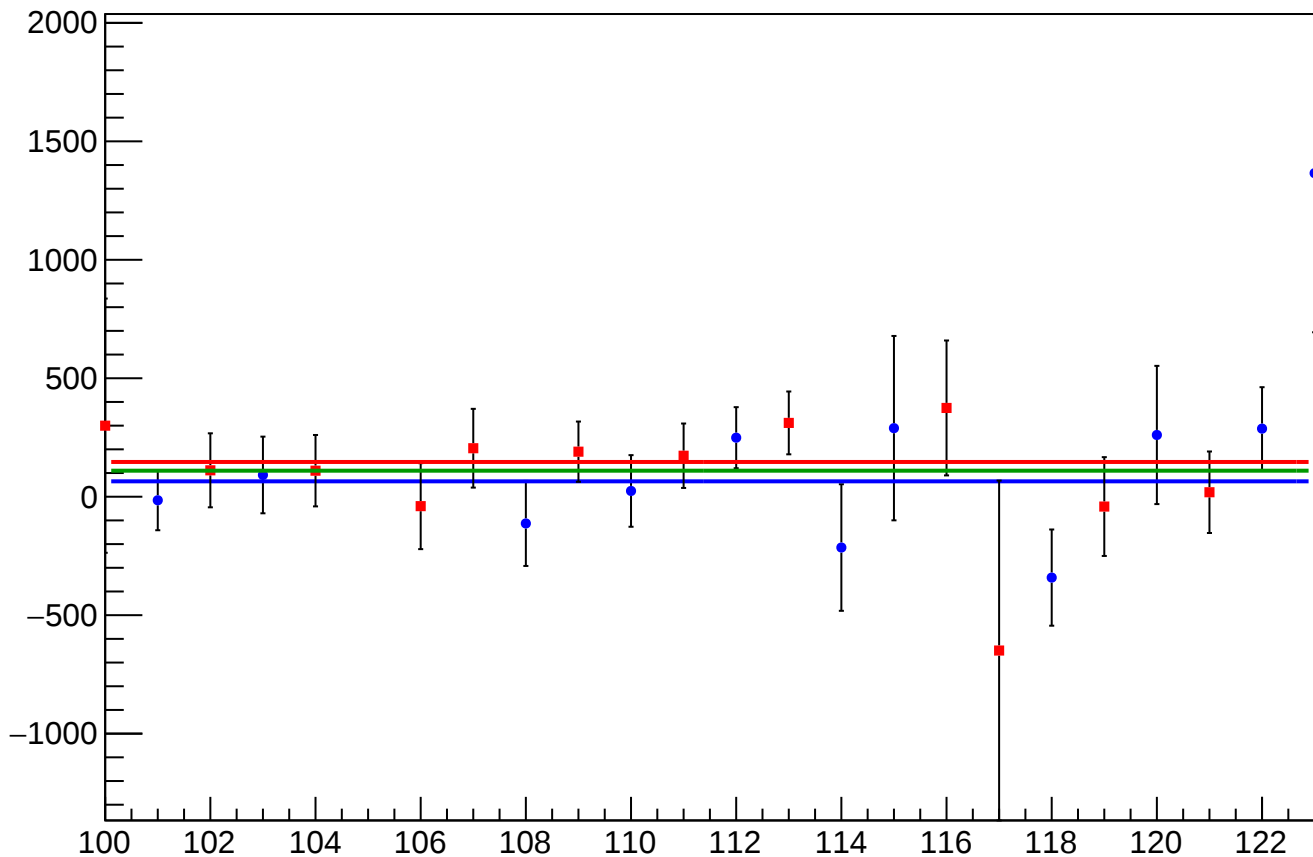
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

610.492+/-0.223 χ^2/NDF : 96839.0/10

584.006+/-0.147 χ^2/NDF : 378401.0/22

563.684+/-0.195 χ^2/NDF : 256659.2/11

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 64.959+/-55.289 χ^2/NDF : 14.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.691+/-50.068 χ^2/NDF : 6.3/11

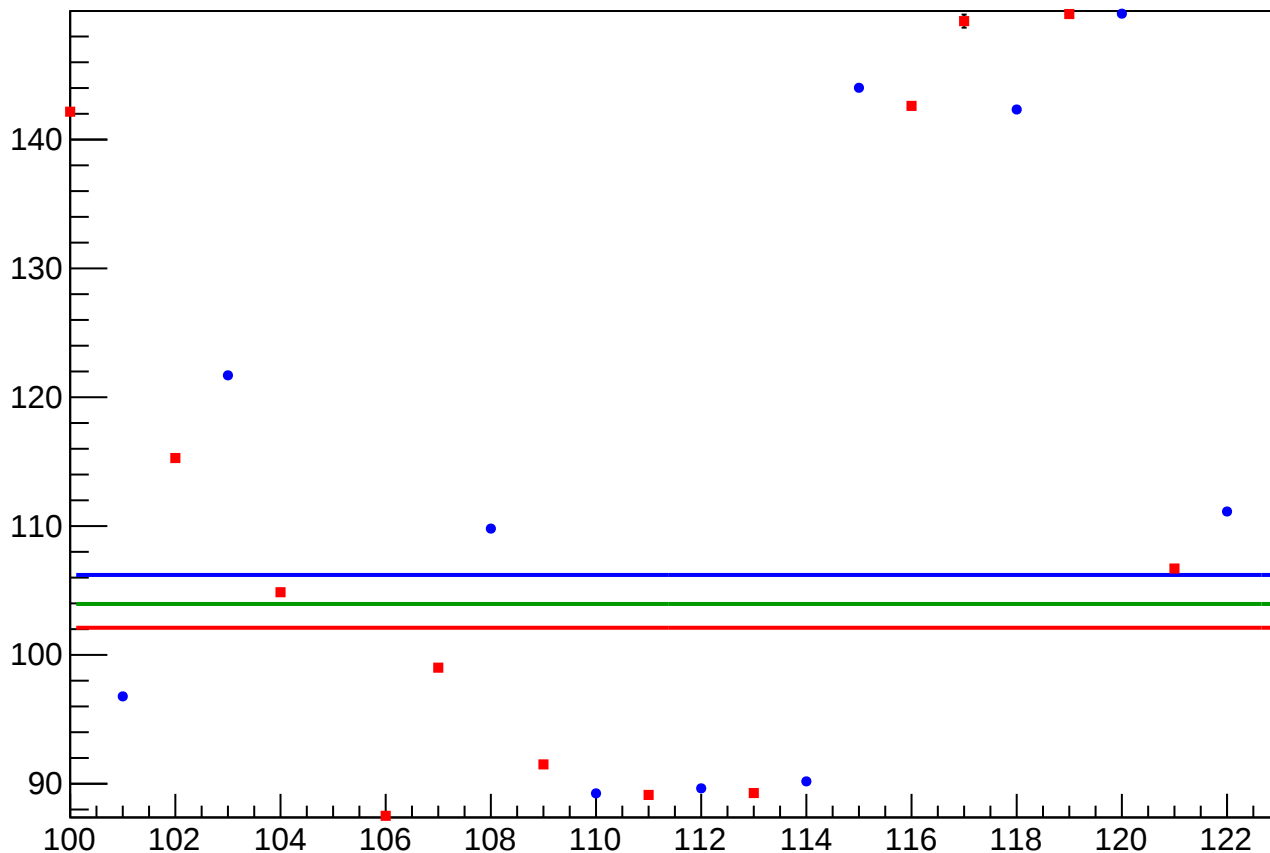
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

64.959+/-55.289 χ^2/NDF : 14.8/10

109.865+/-37.112 χ^2/NDF : 22.3/22

146.691+/-50.068 χ^2/NDF : 6.3/11

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 106.207+/-0.039 χ^2/NDF : 226169.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.108+/-0.035 χ^2/NDF : 245393.4/11

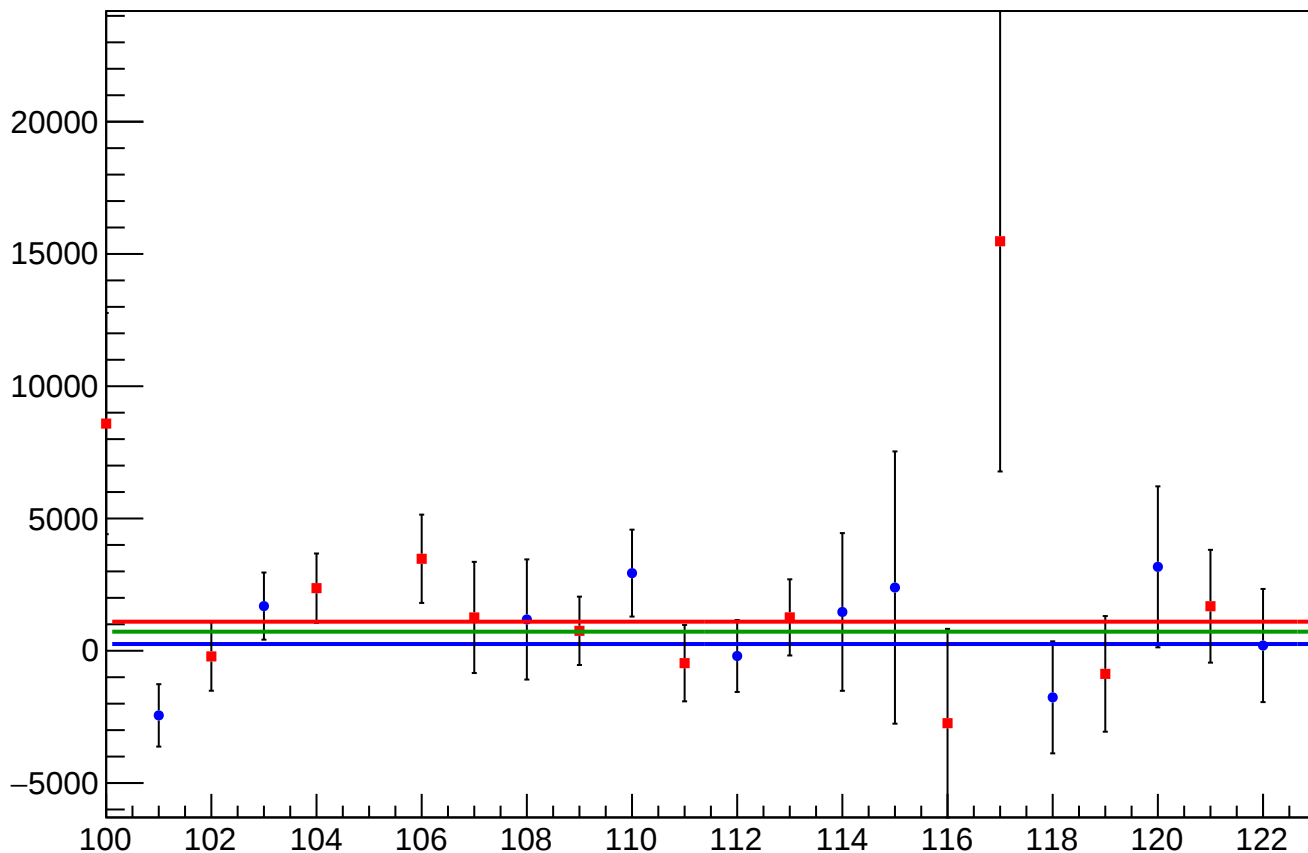
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

106.207+/-0.039 χ^2/NDF : 226169.3/10

103.955+/-0.026 χ^2/NDF : 477600.7/22

102.108+/-0.035 χ^2/NDF : 245393.4/11

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 254.531+/-562.537 χ^2/NDF : 11.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1099.364+/-506.223 χ^2/NDF : 13.2/11

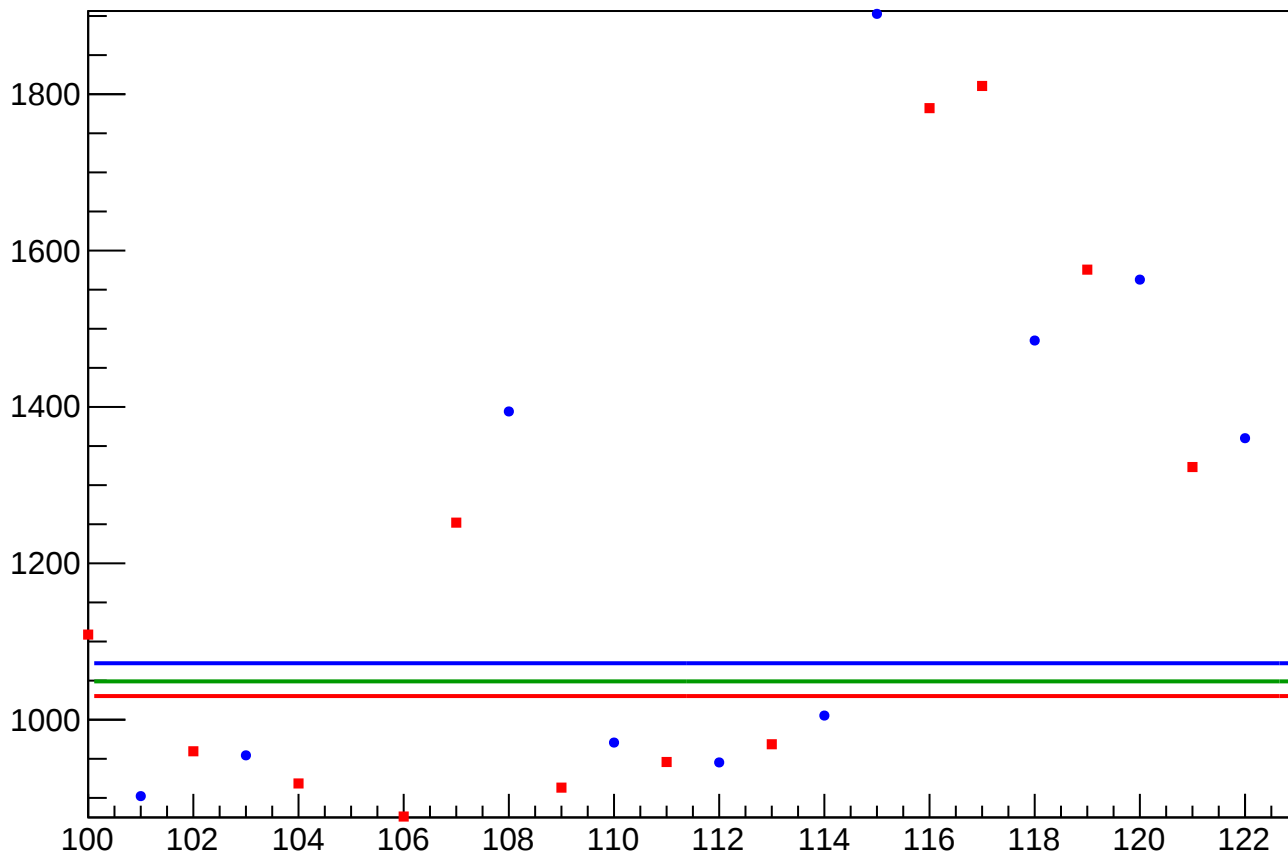
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

254.531+/-562.537 χ^2/NDF : 11.8/10

721.340+/-376.293 χ^2/NDF : 26.3/22

1099.364+/-506.223 χ^2/NDF : 13.2/11

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1072.231+/-0.398 χ^2/NDF : 348402.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1030.248+/-0.358 χ^2/NDF : 354786.6/11

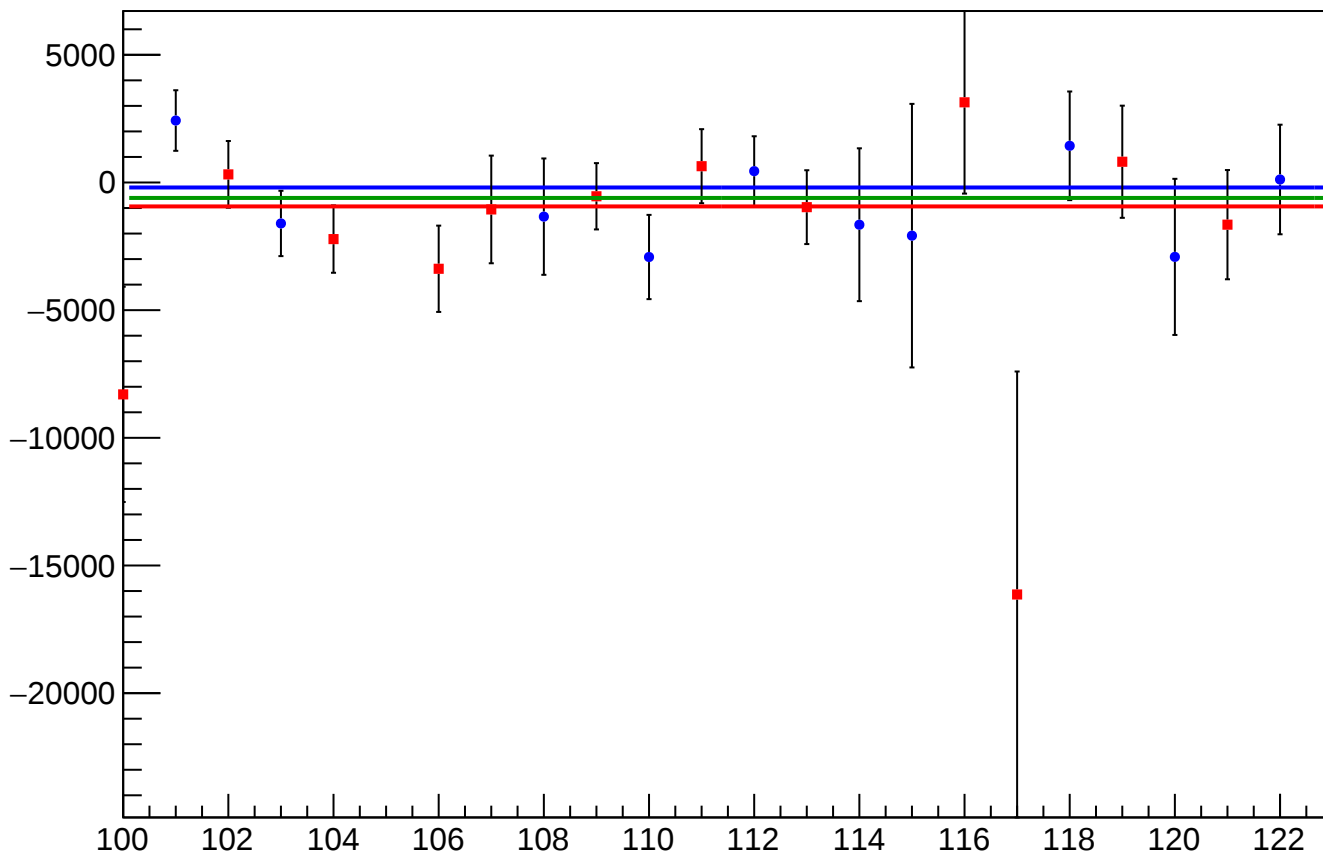
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1072.231+/-0.398 χ^2/NDF : 348402.5/10

1049.033+/-0.266 χ^2/NDF : 709344.1/22

1030.248+/-0.358 χ^2/NDF : 354786.6/11

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -195.673 ± 565.522 χ^2/NDF : 11.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -937.312 ± 509.263 χ^2/NDF : 13.4/11

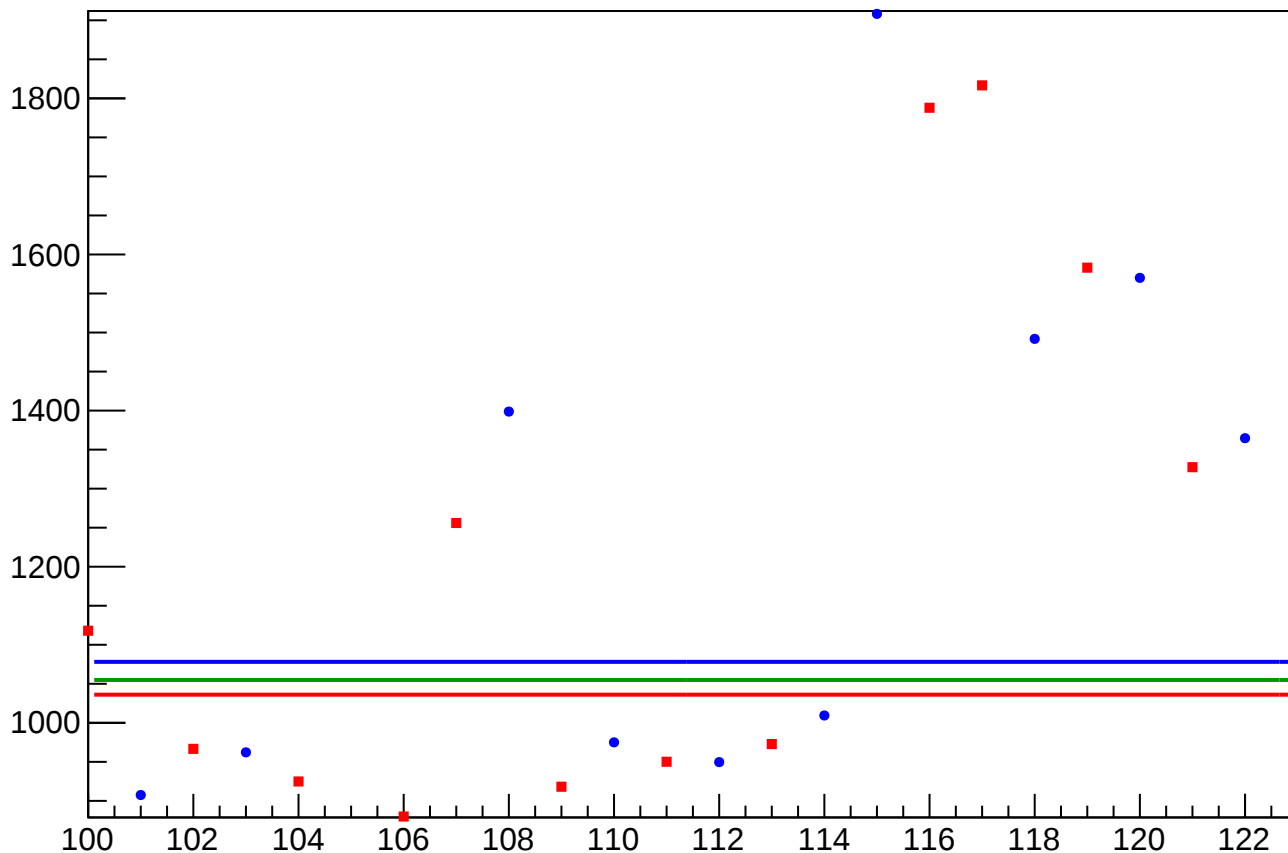
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-195.673 ± 565.522 χ^2/NDF : 11.1/10

-605.208 ± 378.435 χ^2/NDF : 25.4/22

-937.312 ± 509.263 χ^2/NDF : 13.4/11

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1078.118+/-0.400 χ^2/NDF : 345838.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1036.058+/-0.360 χ^2/NDF : 352411.8/11

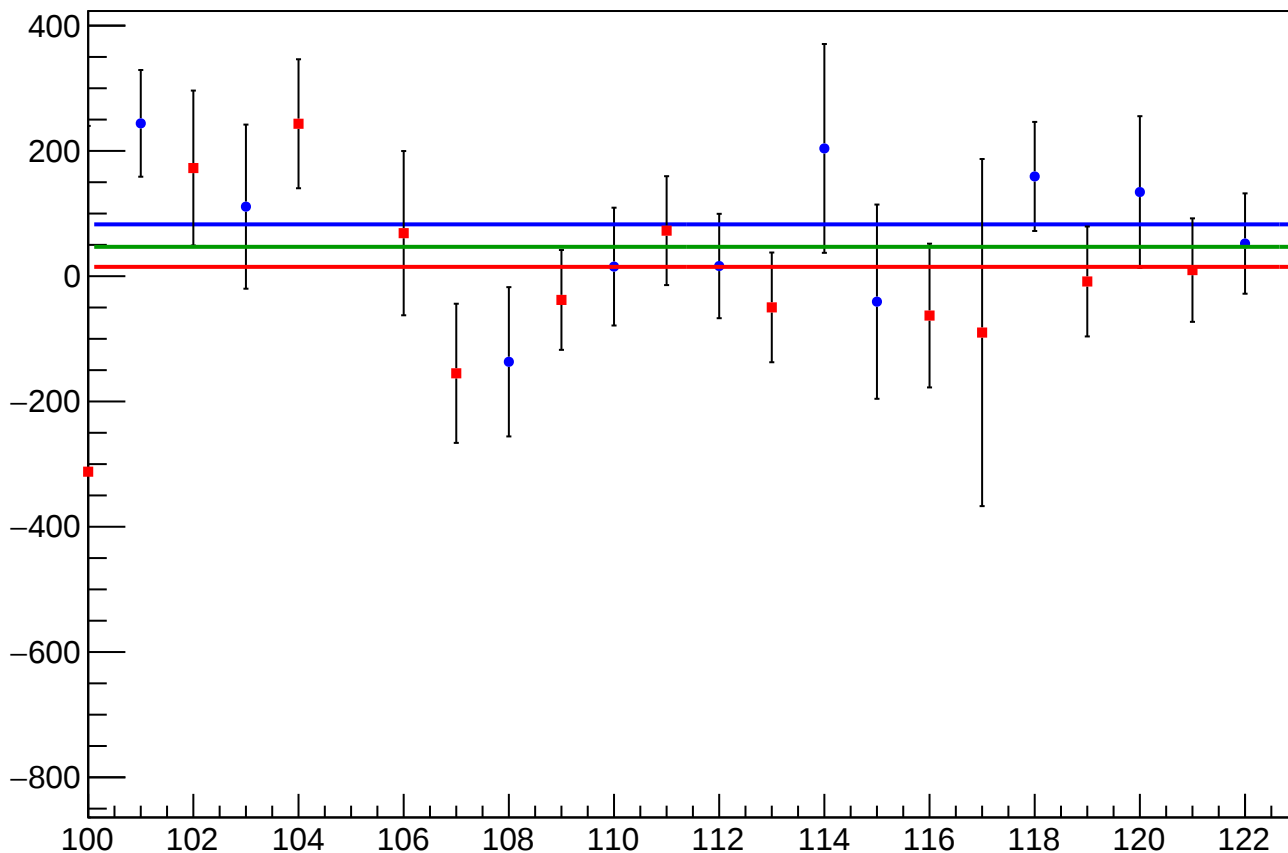
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1078.118+/-0.400 χ^2/NDF : 345838.4/10

1054.892+/-0.268 χ^2/NDF : 704358.9/22

1036.058+/-0.360 χ^2/NDF : 352411.8/11

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 82.730+/-32.112 χ^2/NDF : 10.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.893+/-30.321 χ^2/NDF : 11.5/11

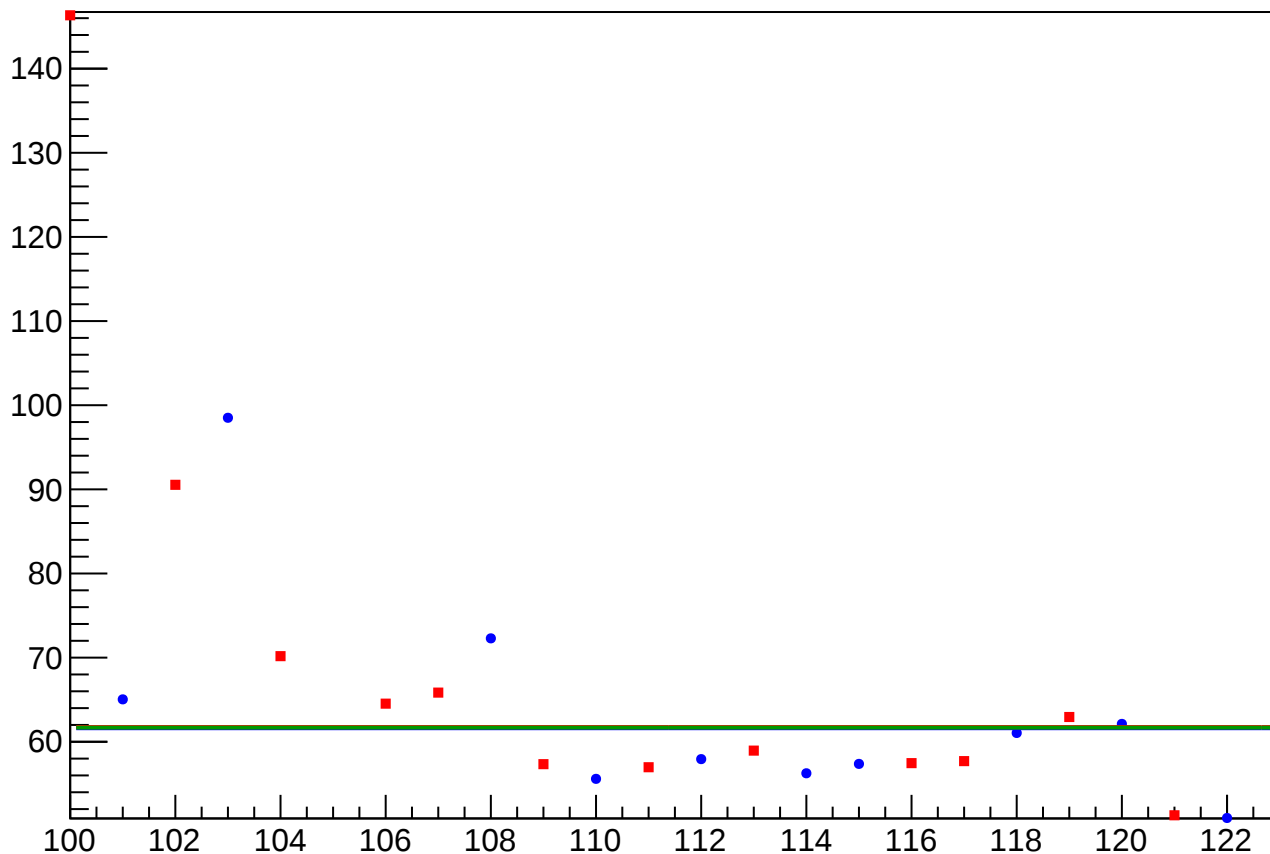
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

82.730+/-32.112 χ^2/NDF : 10.5/10

46.866+/-22.046 χ^2/NDF : 24.3/22

14.893+/-30.321 χ^2/NDF : 11.5/11

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 61.613+/-0.023 χ^2/NDF : 230554.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.747+/-0.021 χ^2/NDF : 222398.8/11

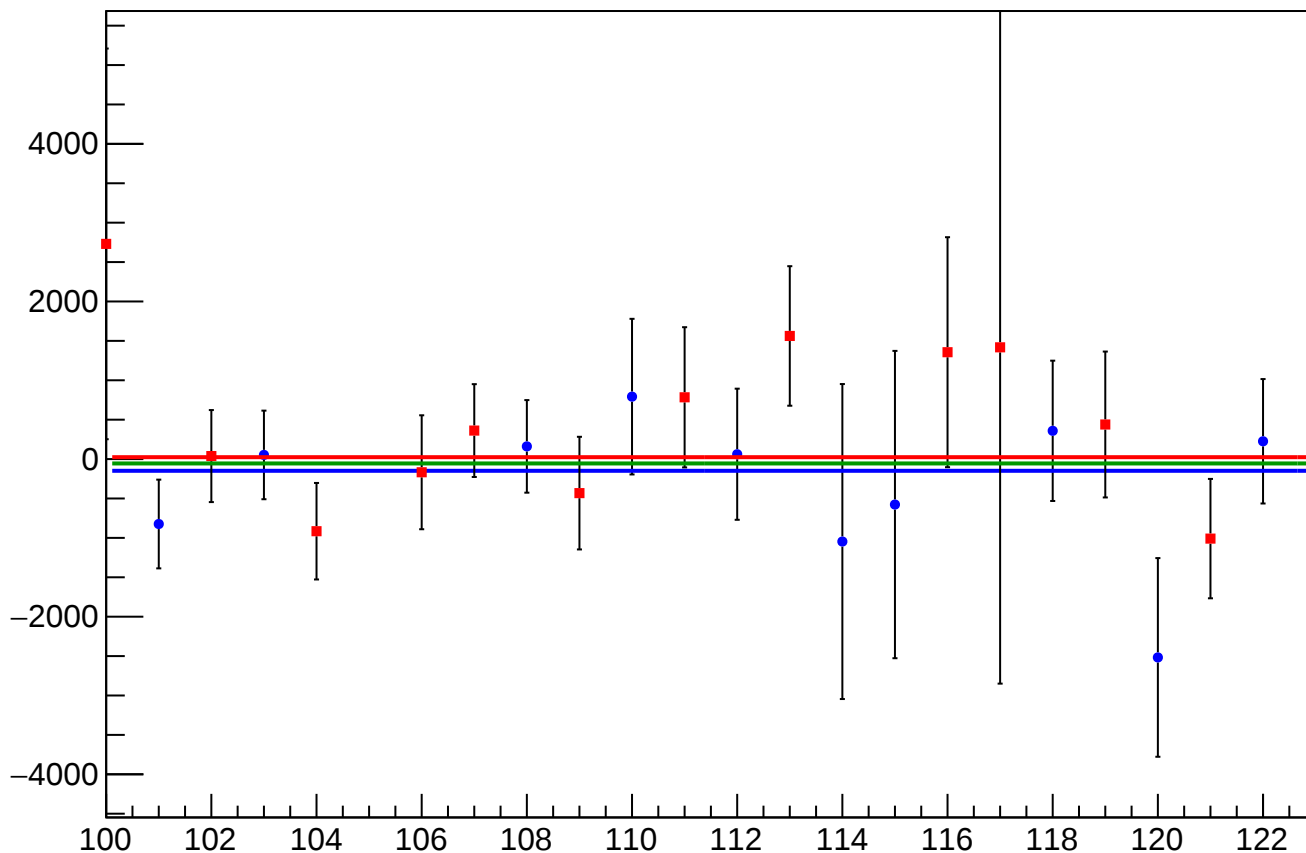
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

61.613+/-0.023 χ^2/NDF : 230554.8/10

61.684+/-0.016 χ^2/NDF : 452972.0/22

61.747+/-0.021 χ^2/NDF : 222398.8/11

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -148.635+/-251.706 χ^2/NDF : 7.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.092+/-232.561 χ^2/NDF : 11.1/11

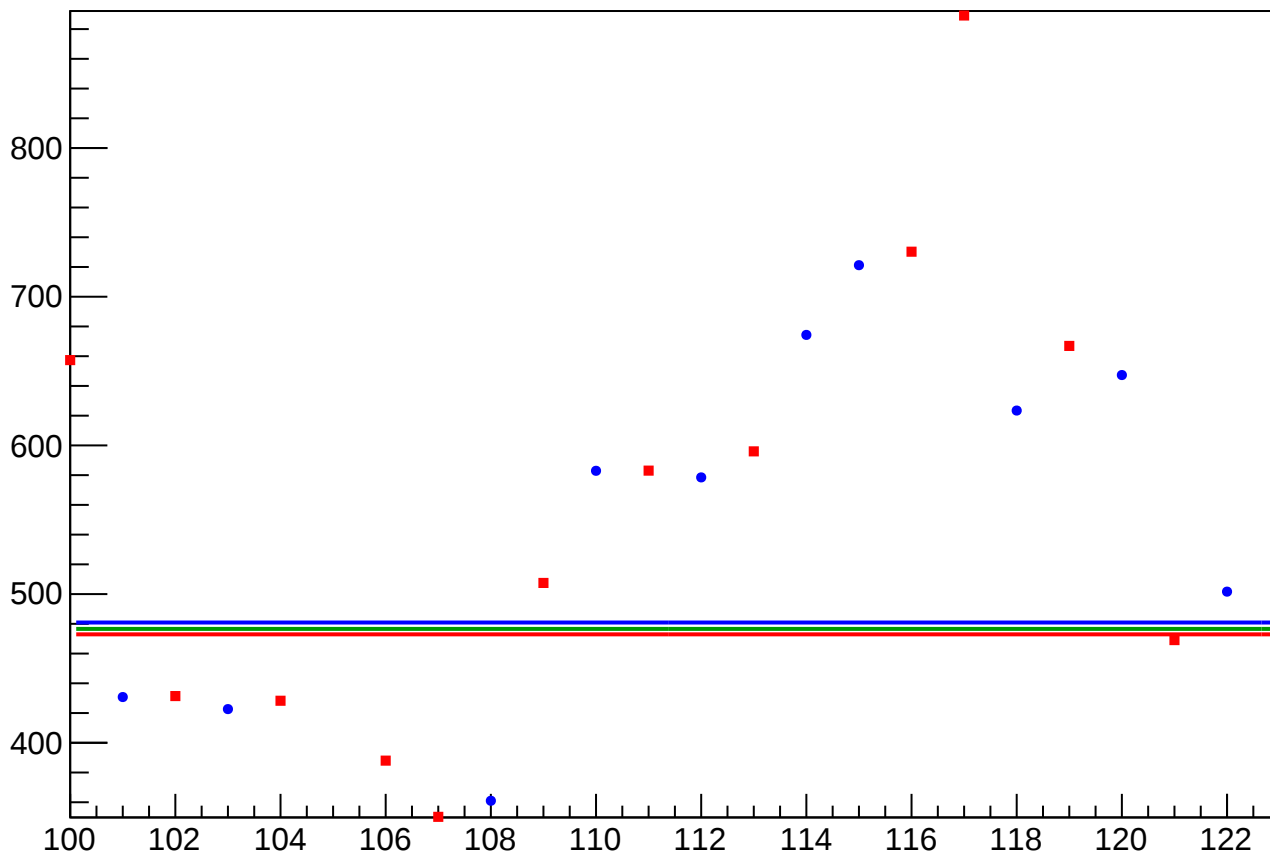
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-148.635+/-251.706 χ^2/NDF : 7.2/10

-55.454+/-170.813 χ^2/NDF : 18.6/22

24.092+/-232.561 χ^2/NDF : 11.1/11

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 480.886+/-0.178 χ^2/NDF : 311101.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 472.928+/-0.164 χ^2/NDF : 389355.1/11

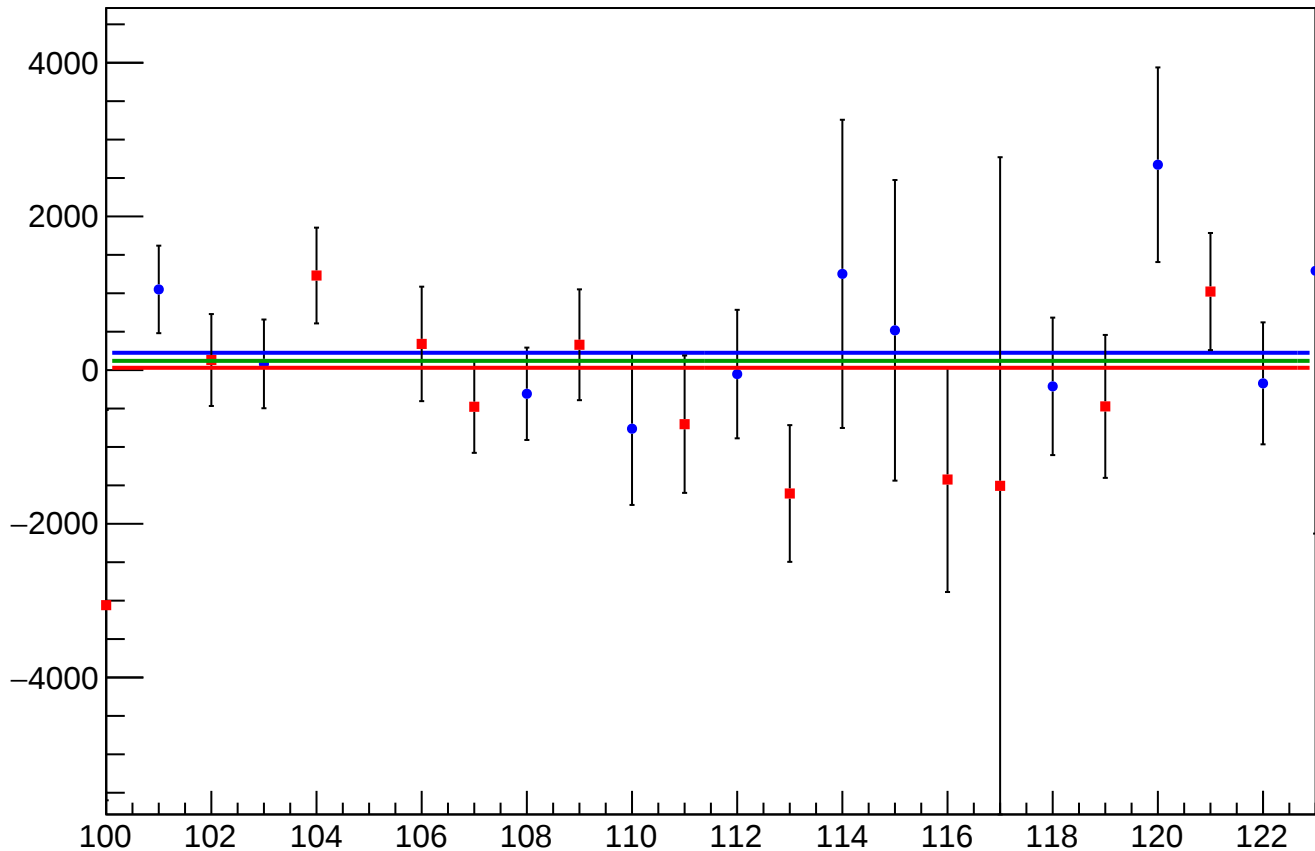
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

480.886+/-0.178 χ^2/NDF : 311101.4/10

476.593+/-0.121 χ^2/NDF : 701535.0/22

472.928+/-0.164 χ^2/NDF : 389355.1/11

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 225.685+/-255.195 χ^2/NDF : 8.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.375+/-236.071 χ^2/NDF : 13.4/11

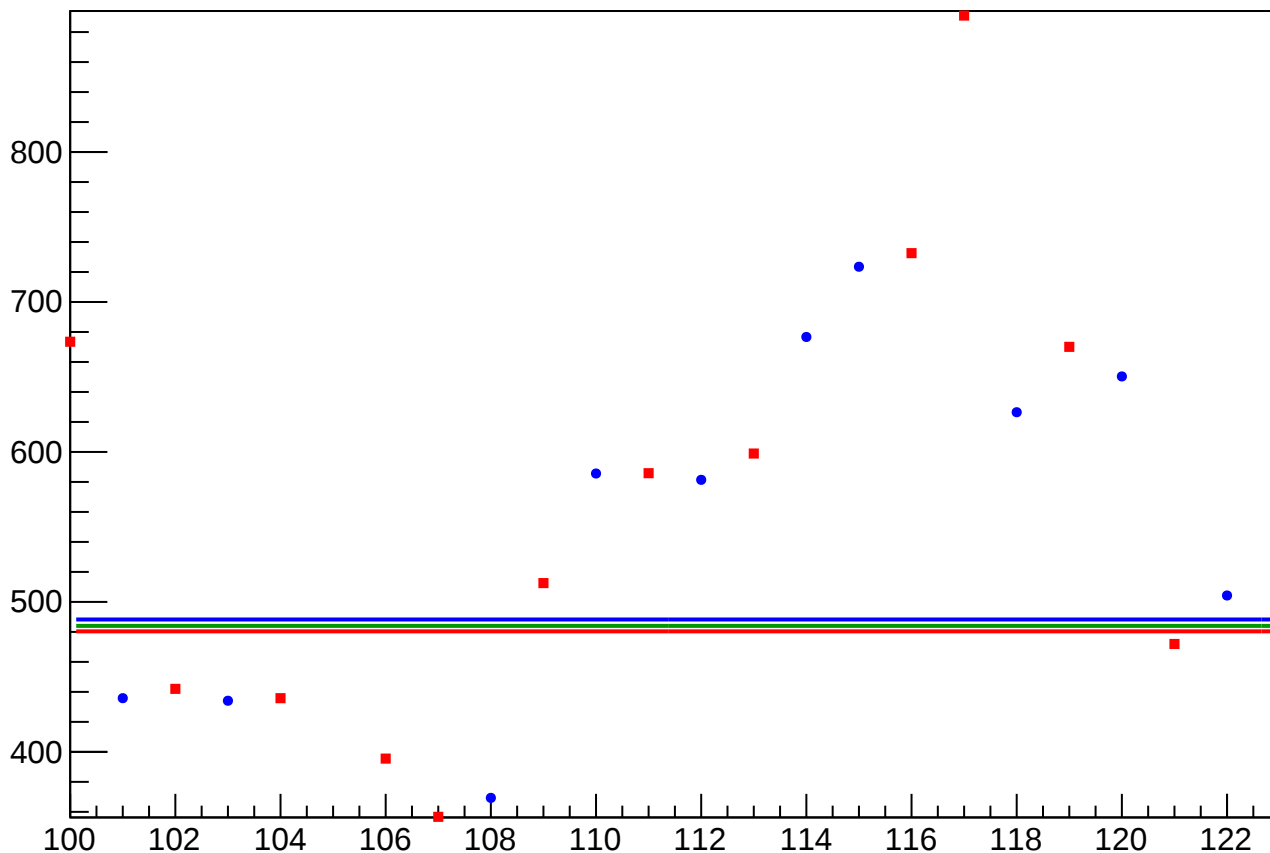
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

225.685+/-255.195 χ^2/NDF : 8.7/10

120.438+/-173.294 χ^2/NDF : 22.4/22

30.375+/-236.071 χ^2/NDF : 13.4/11

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 488.282+/-0.180 χ^2/NDF : 289530.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 480.369+/-0.167 χ^2/NDF : 369609.6/11

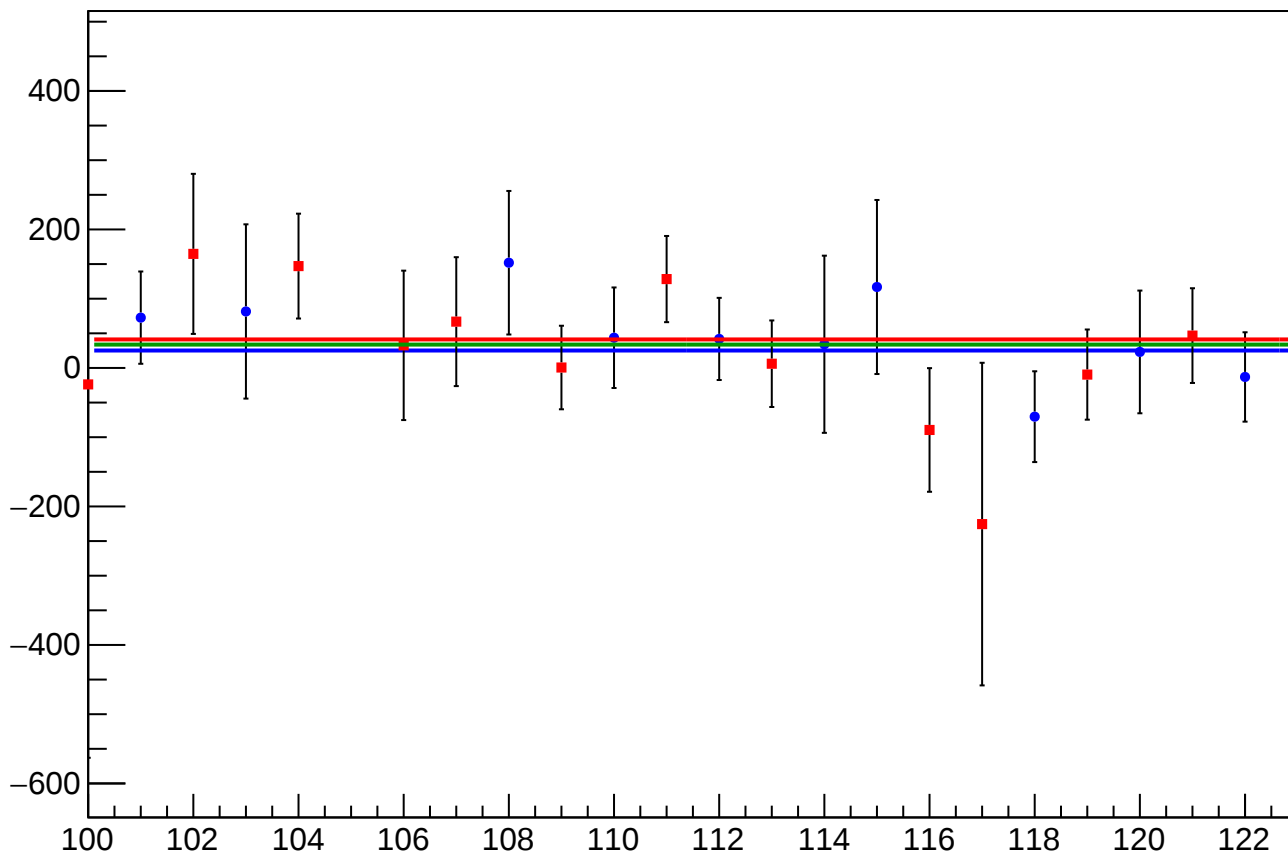
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

488.282+/-0.180 χ^2/NDF : 289530.2/10

484.018+/-0.123 χ^2/NDF : 660176.2/22

480.369+/-0.167 χ^2/NDF : 369609.6/11

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 25.185 $\pm$ 24.999 χ^2 /NDF: 9.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 41.177 $\pm$ 23.333 χ^2 /NDF: 10.0/11

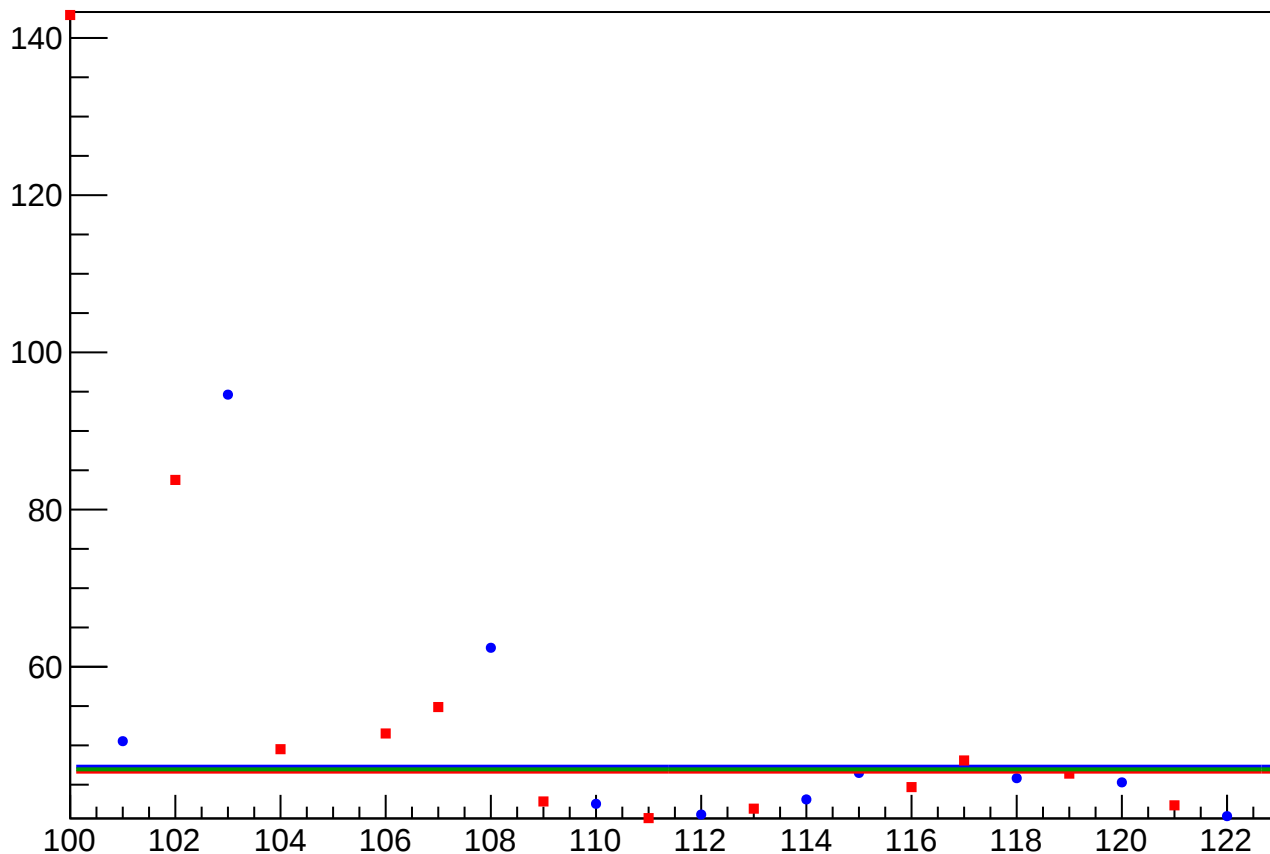
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

25.185 $\pm$ 24.999 χ^2 /NDF: 9.4/10

33.732 $\pm$ 17.058 χ^2 /NDF: 19.6/22

41.177 $\pm$ 23.333 χ^2 /NDF: 10.0/11

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 47.287+/-0.018 χ^2/NDF : 384044.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.660+/-0.016 χ^2/NDF : 338733.2/11

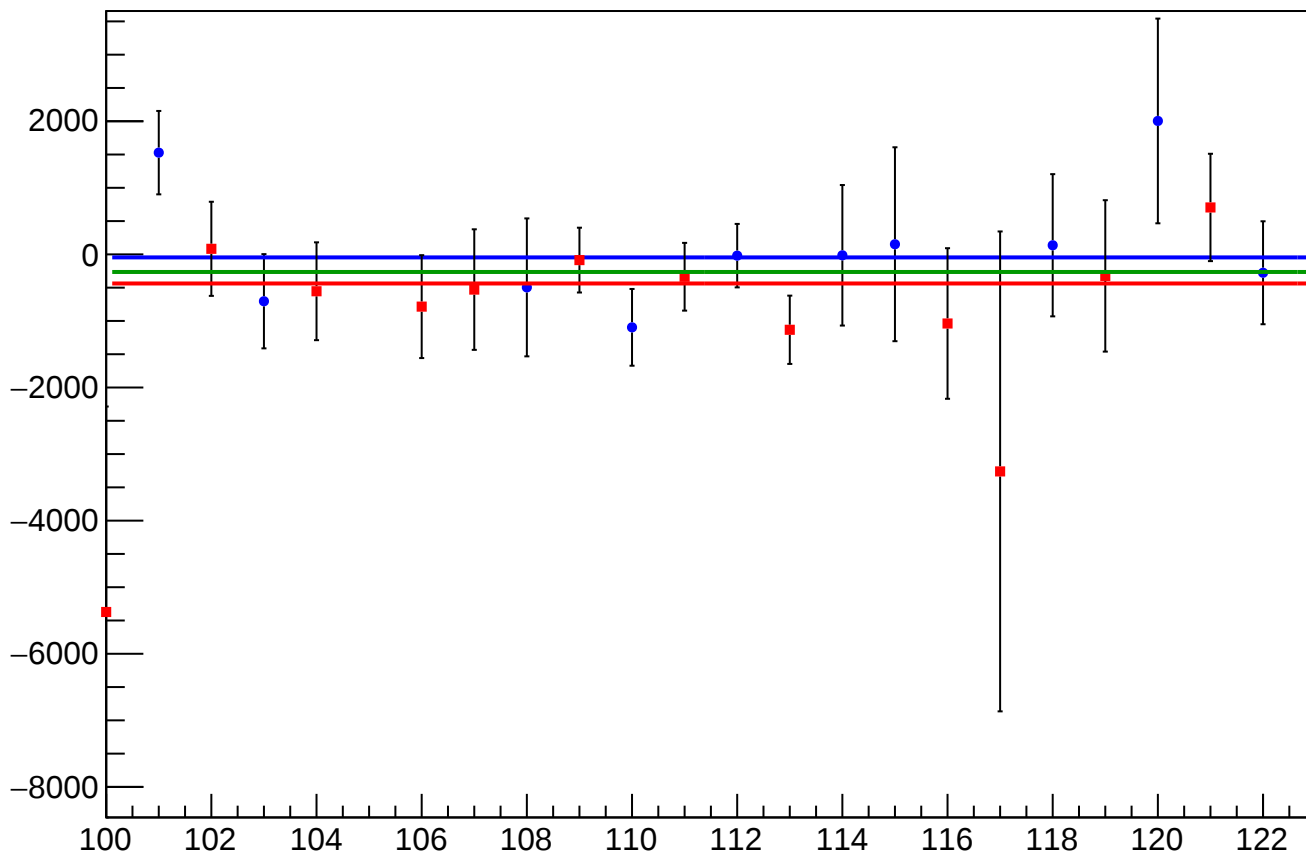
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

47.287+/-0.018 χ^2/NDF : 384044.6/10

46.952+/-0.012 χ^2/NDF : 723451.0/22

46.660+/-0.016 χ^2/NDF : 338733.2/11

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -45.502 $\pm$ 240.410 χ^2 /NDF: 12.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -437.188 $\pm$ 213.670 χ^2 /NDF: 8.6/11

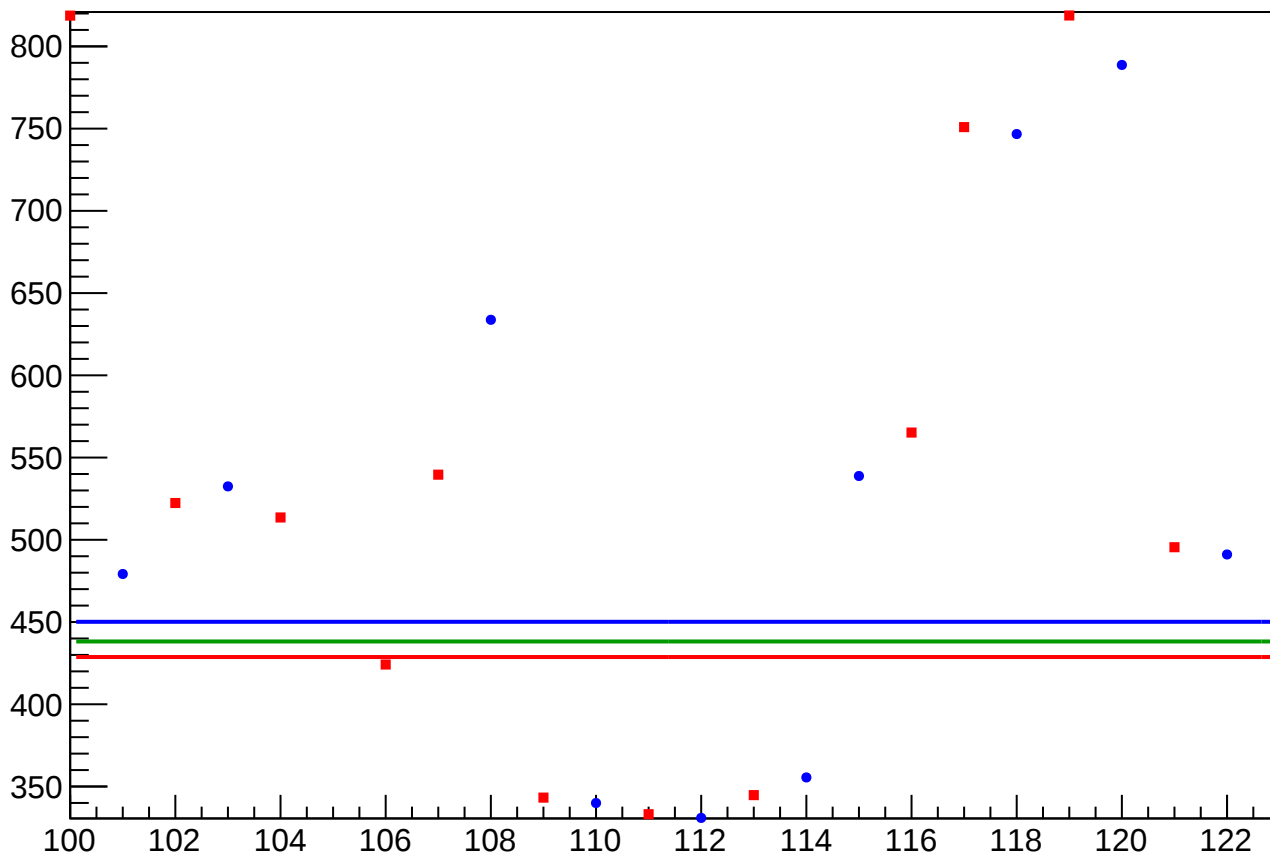
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-45.502 $\pm$ 240.410 χ^2 /NDF: 12.6/10

-264.331 $\pm$ 159.708 χ^2 /NDF: 22.7/22

-437.188 $\pm$ 213.670 χ^2 /NDF: 8.6/11

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 450.146+/-0.170 χ^2/NDF : 581229.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 428.725+/-0.151 χ^2/NDF : 603620.3/11

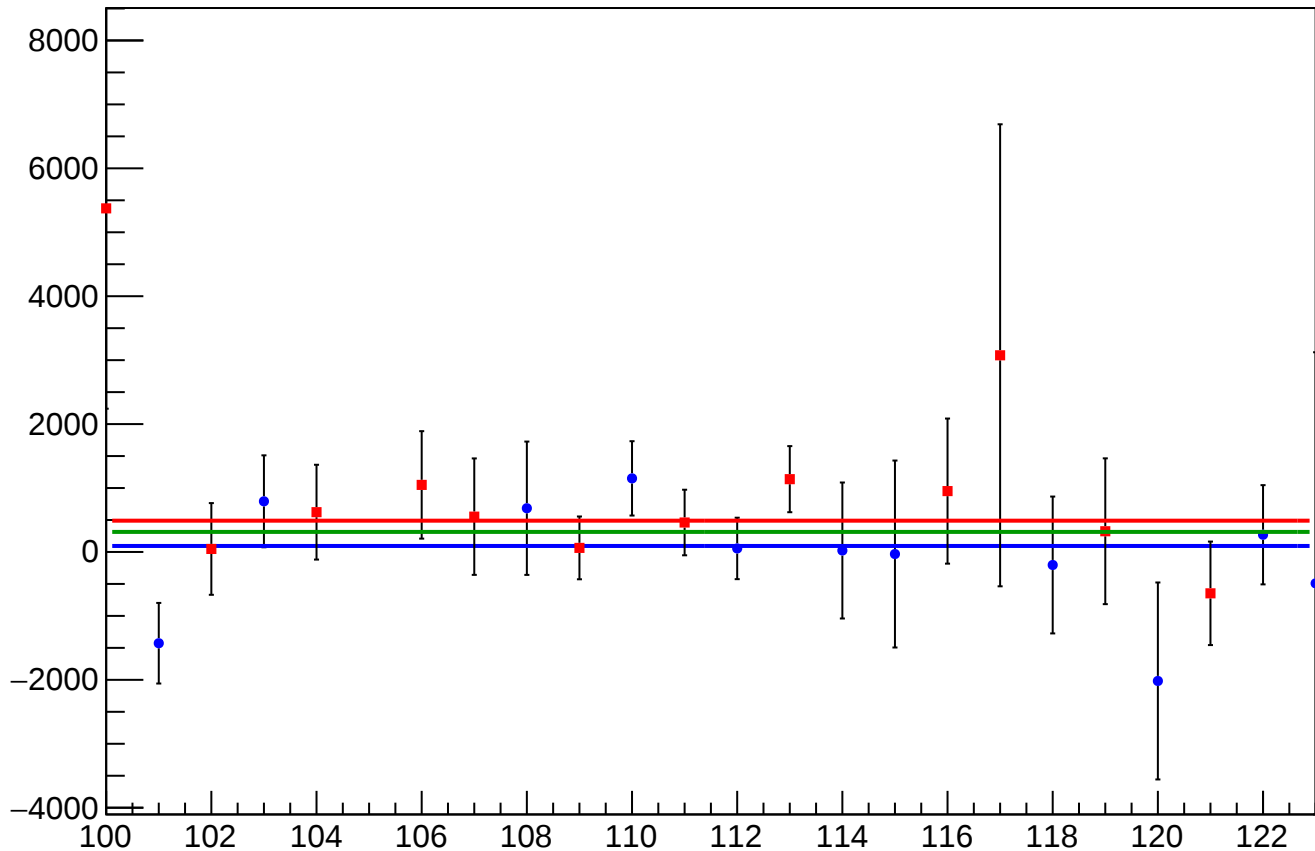
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

450.146+/-0.170 χ^2/NDF : 581229.4/10

438.178+/-0.113 χ^2/NDF : 1193721.2/22

428.725+/-0.151 χ^2/NDF : 603620.3/11

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 93.881+/-242.211 χ^2 /NDF: 12.4/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 489.385+/-216.535 χ^2 /NDF: 8.3/11

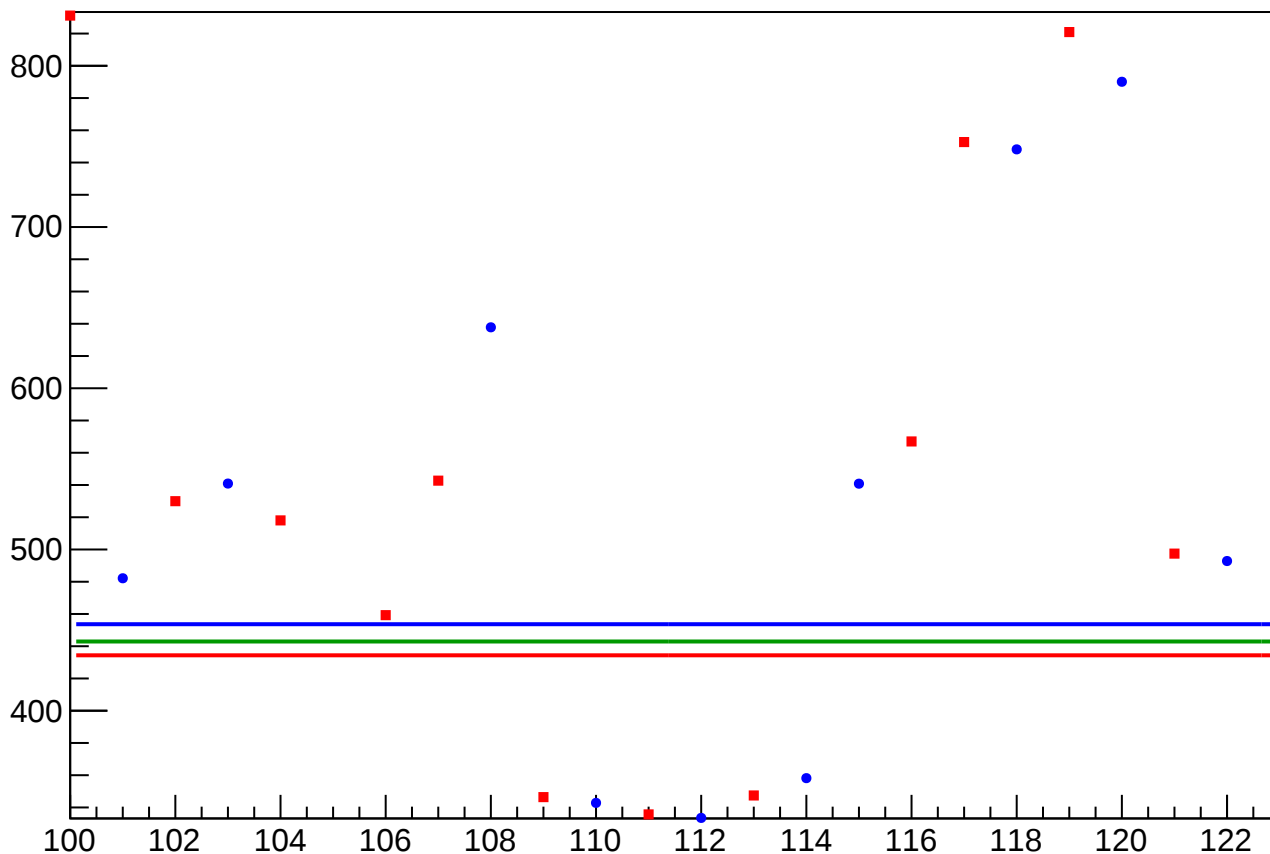
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

93.881+/-242.211 χ^2 /NDF: 12.4/10

313.700+/-161.430 χ^2 /NDF: 22.2/22

489.385+/-216.535 χ^2 /NDF: 8.3/11

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 453.654 $\pm$ 0.171 χ^2 /NDF: 577323.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 434.366 $\pm$ 0.153 χ^2 /NDF: 602778.4/11

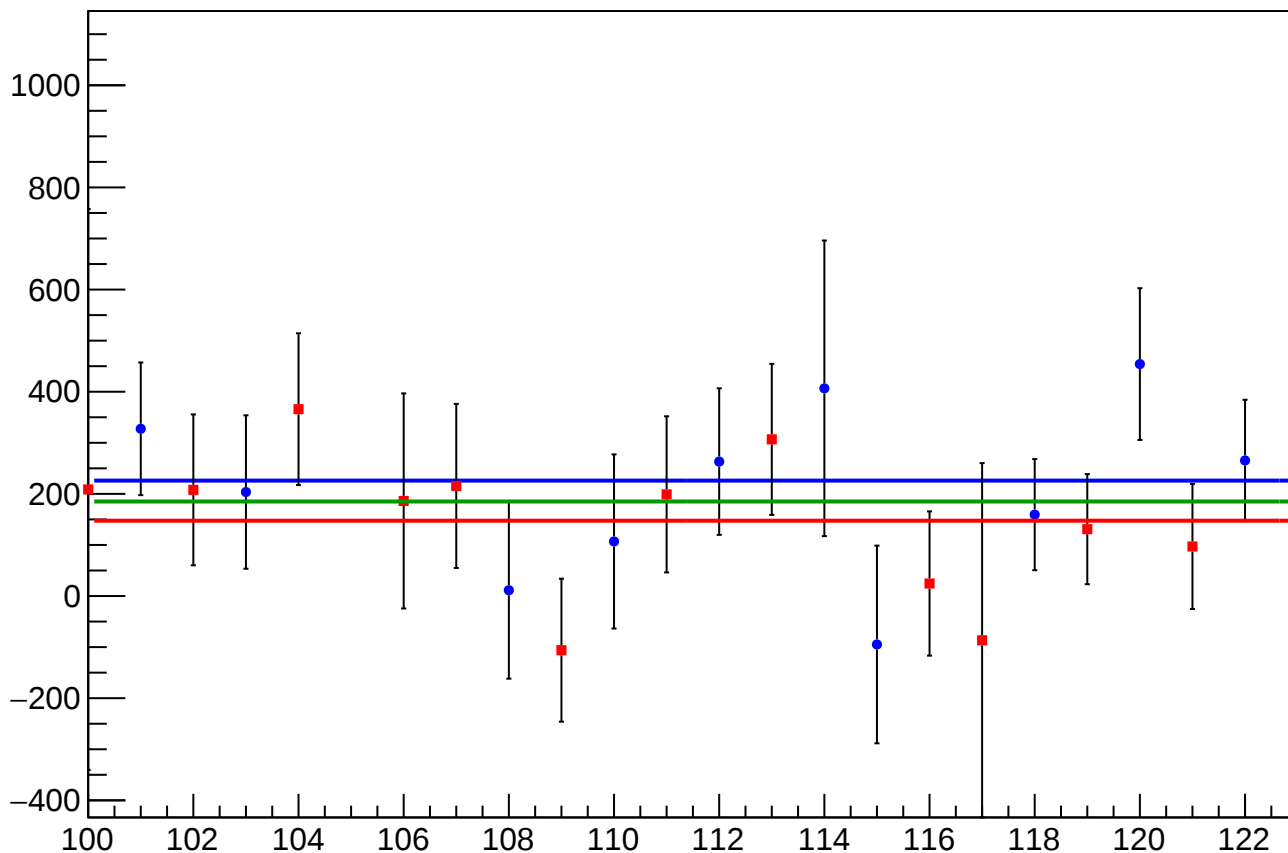
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

453.654 $\pm$ 0.171 χ^2 /NDF: 577323.4/10

442.934 $\pm$ 0.114 χ^2 /NDF: 1187150.7/22

434.366 $\pm$ 0.153 χ^2 /NDF: 602778.4/11

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 225.970+/-46.345 χ^2/NDF : 10.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.541+/-44.436 χ^2/NDF : 8.5/11

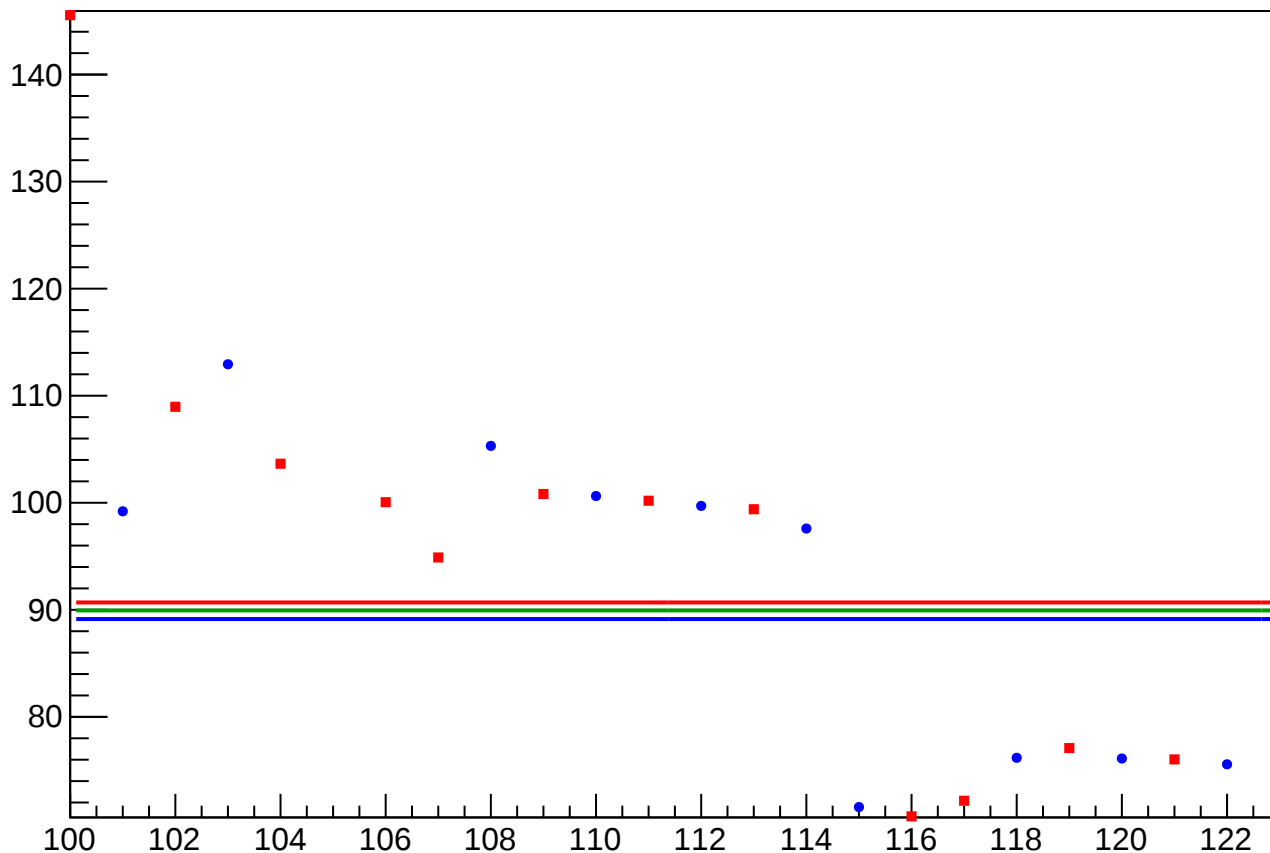
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

225.970+/-46.345 χ^2/NDF : 10.4/10

185.108+/-32.075 χ^2/NDF : 20.4/22

147.541+/-44.436 χ^2/NDF : 8.5/11

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 89.139+/-0.033 χ^2/NDF : 189936.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.687+/-0.031 χ^2/NDF : 202505.9/11

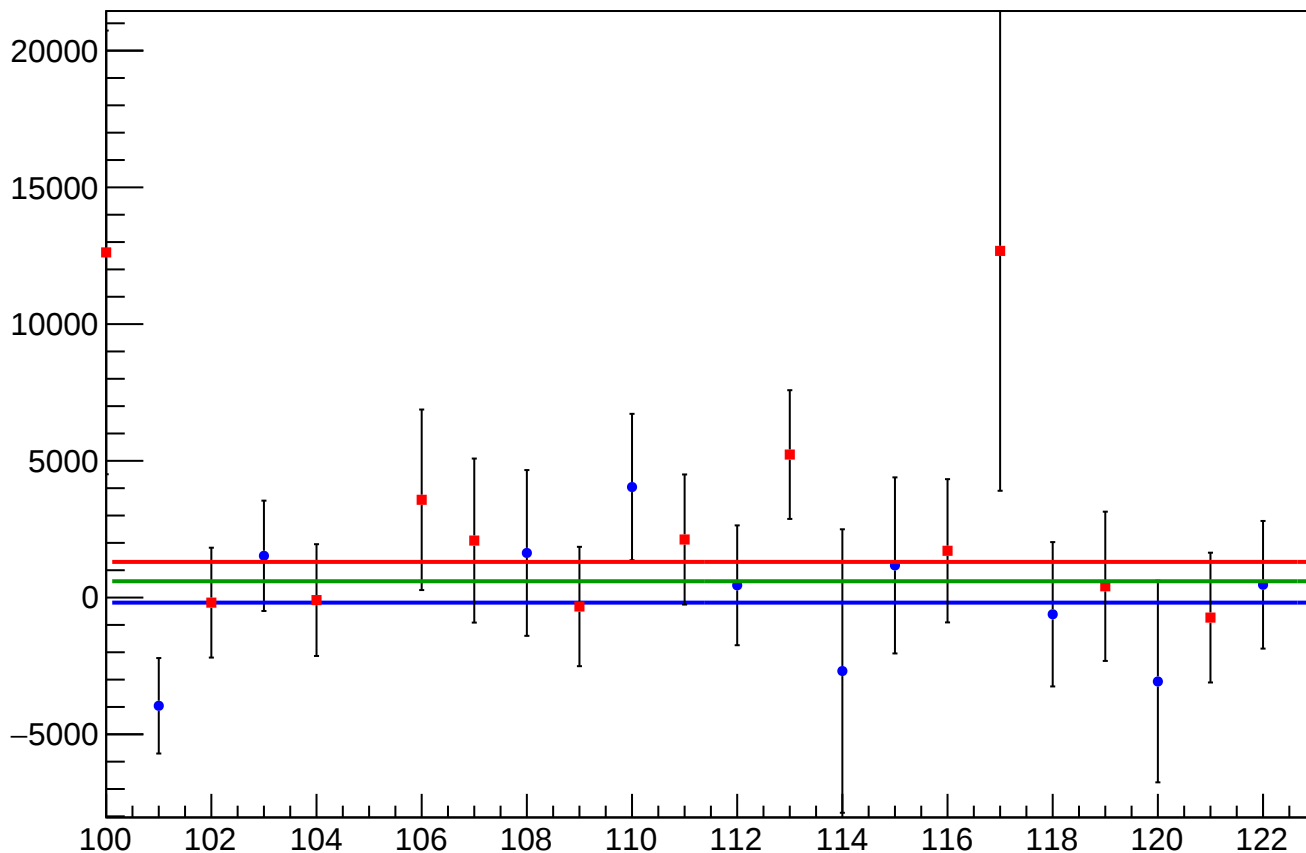
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

89.139+/-0.033 χ^2/NDF : 189936.1/10

89.946+/-0.023 χ^2/NDF : 393605.8/22

90.687+/-0.031 χ^2/NDF : 202505.9/11

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -184.815+/-796.150 χ^2/NDF : 9.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1304.493+/-757.406 χ^2/NDF : 9.5/11

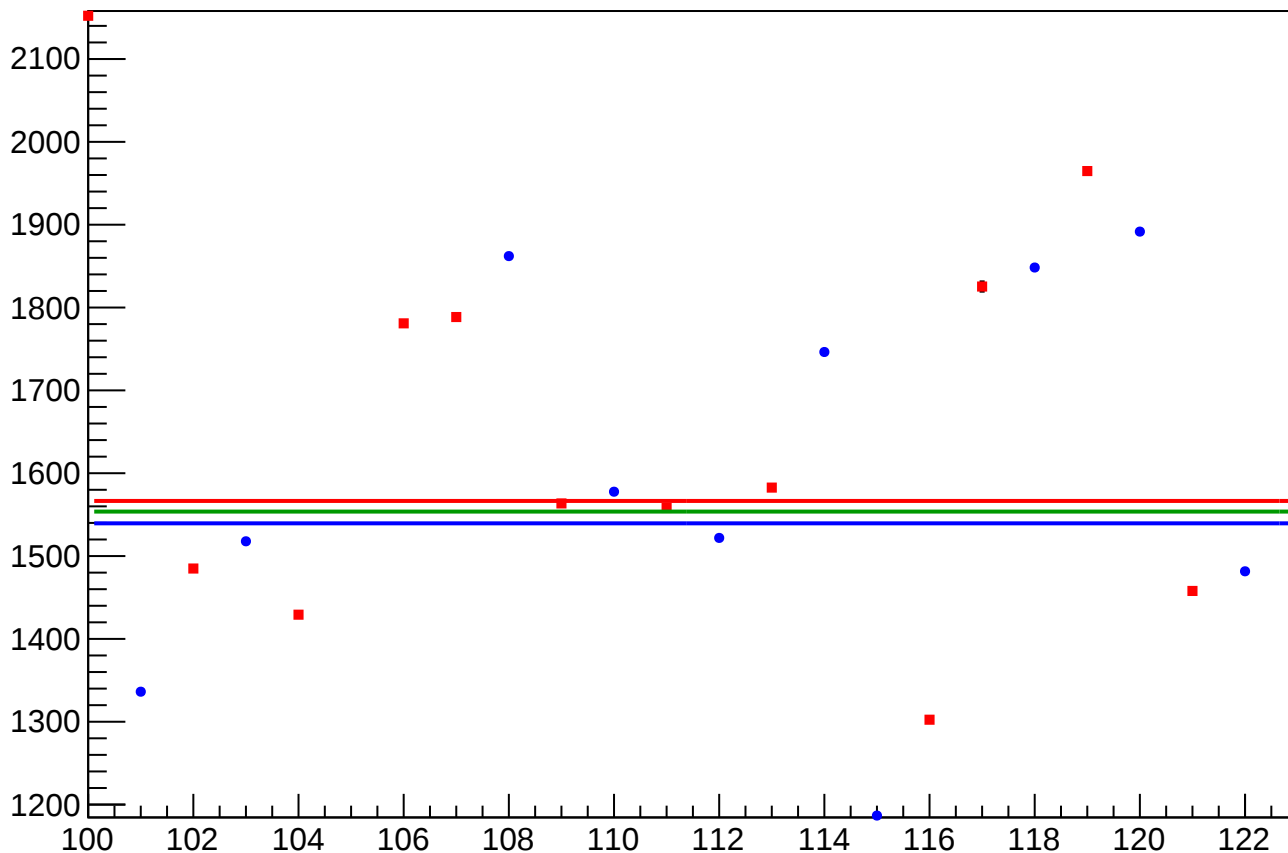
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-184.815+/-796.150 χ^2/NDF : 9.5/10

596.958+/-548.753 χ^2/NDF : 20.8/22

1304.493+/-757.406 χ^2/NDF : 9.5/11

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1539.505+/-0.563 χ^2/NDF : 125218.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1566.533+/-0.536 χ^2/NDF : 111121.3/11

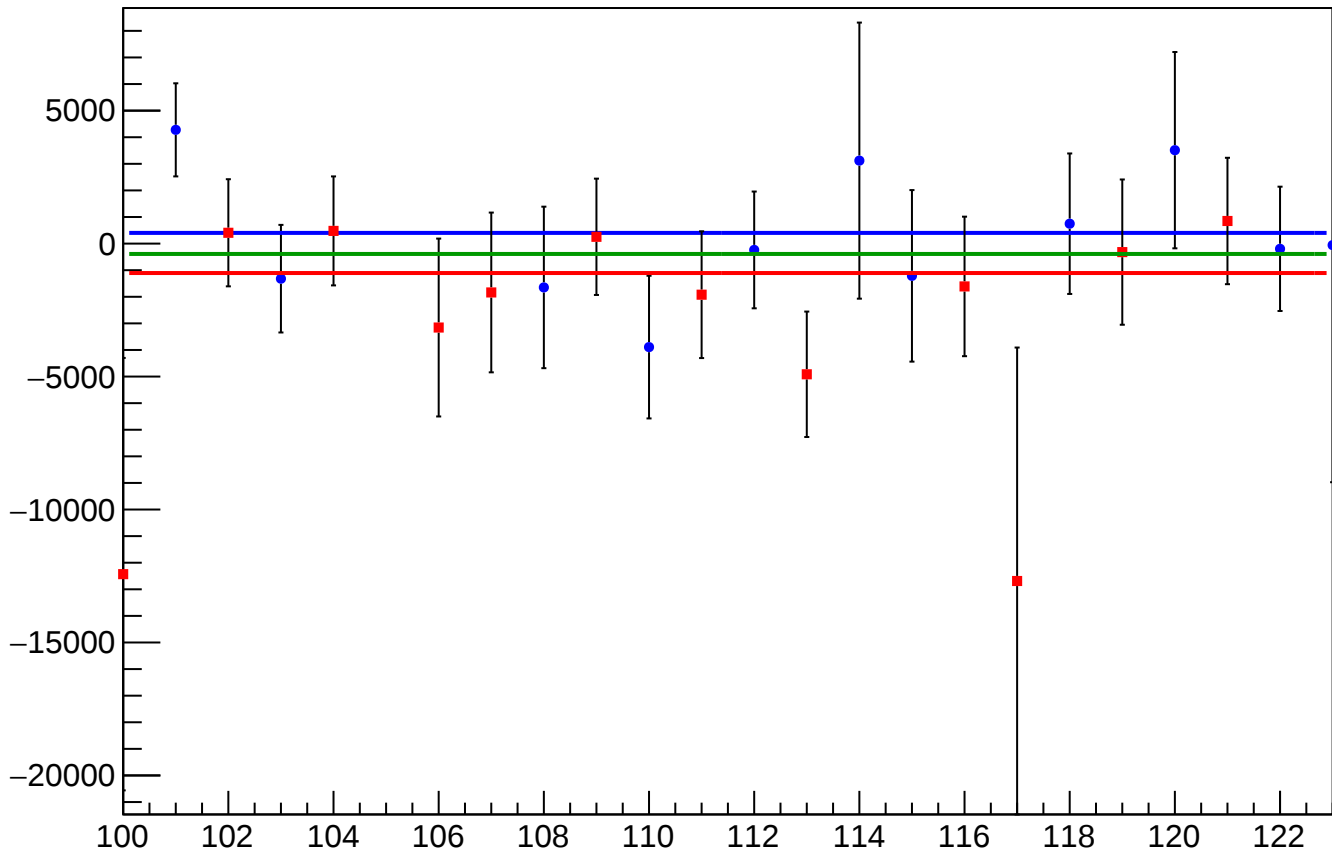
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1539.505+/-0.563 χ^2/NDF : 125218.6/10

1553.693+/-0.388 χ^2/NDF : 237549.8/22

1566.533+/-0.536 χ^2/NDF : 111121.3/11

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 402.578+/-797.781 χ^2/NDF : 10.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1106.592+/-759.375 χ^2/NDF : 9.2/11

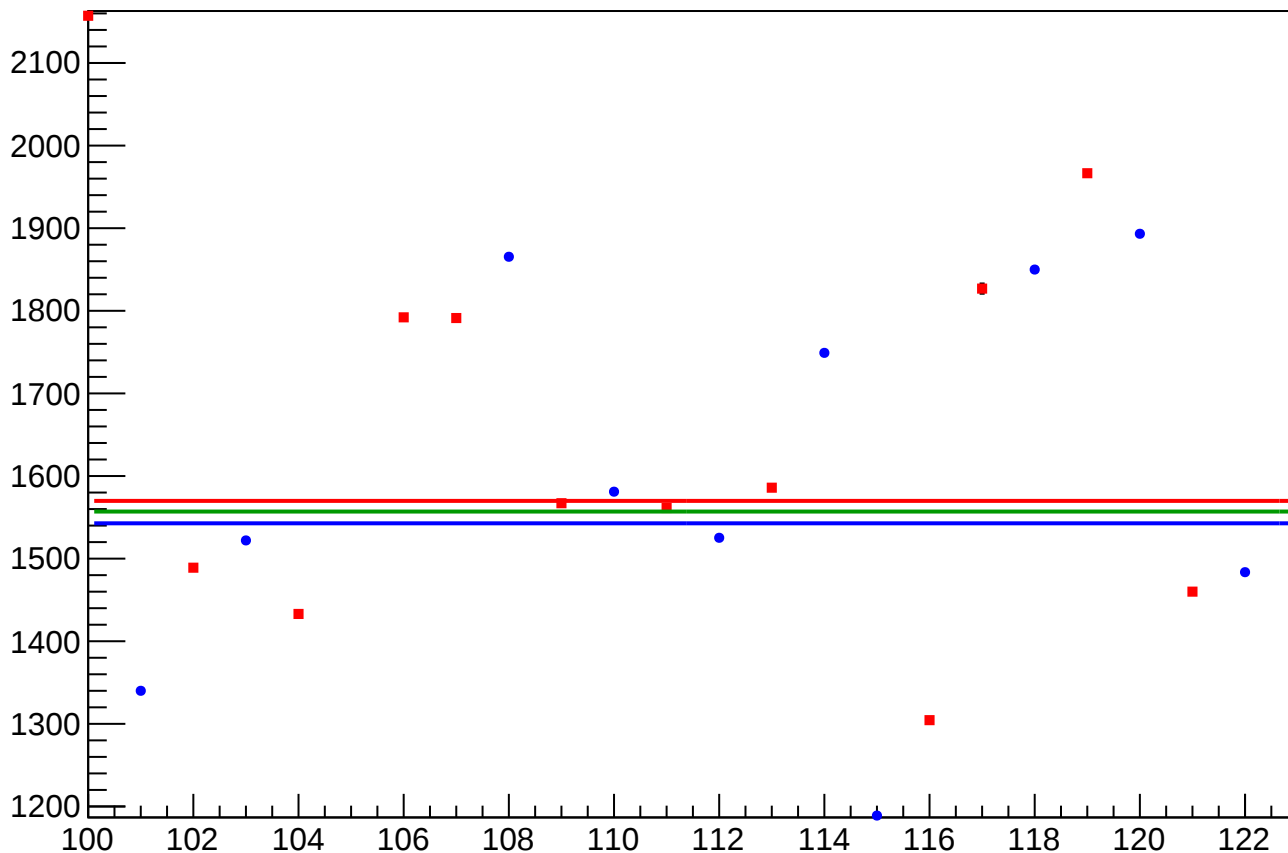
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

402.578+/-797.781 χ^2/NDF : 10.1/10

-389.208+/-550.036 χ^2/NDF : 21.1/22

-1106.592+/-759.375 χ^2/NDF : 9.2/11

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1542.756 $\pm$ 0.564 χ^2 /NDF: 124365.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1569.901 $\pm$ 0.537 χ^2 /NDF: 111023.9/11

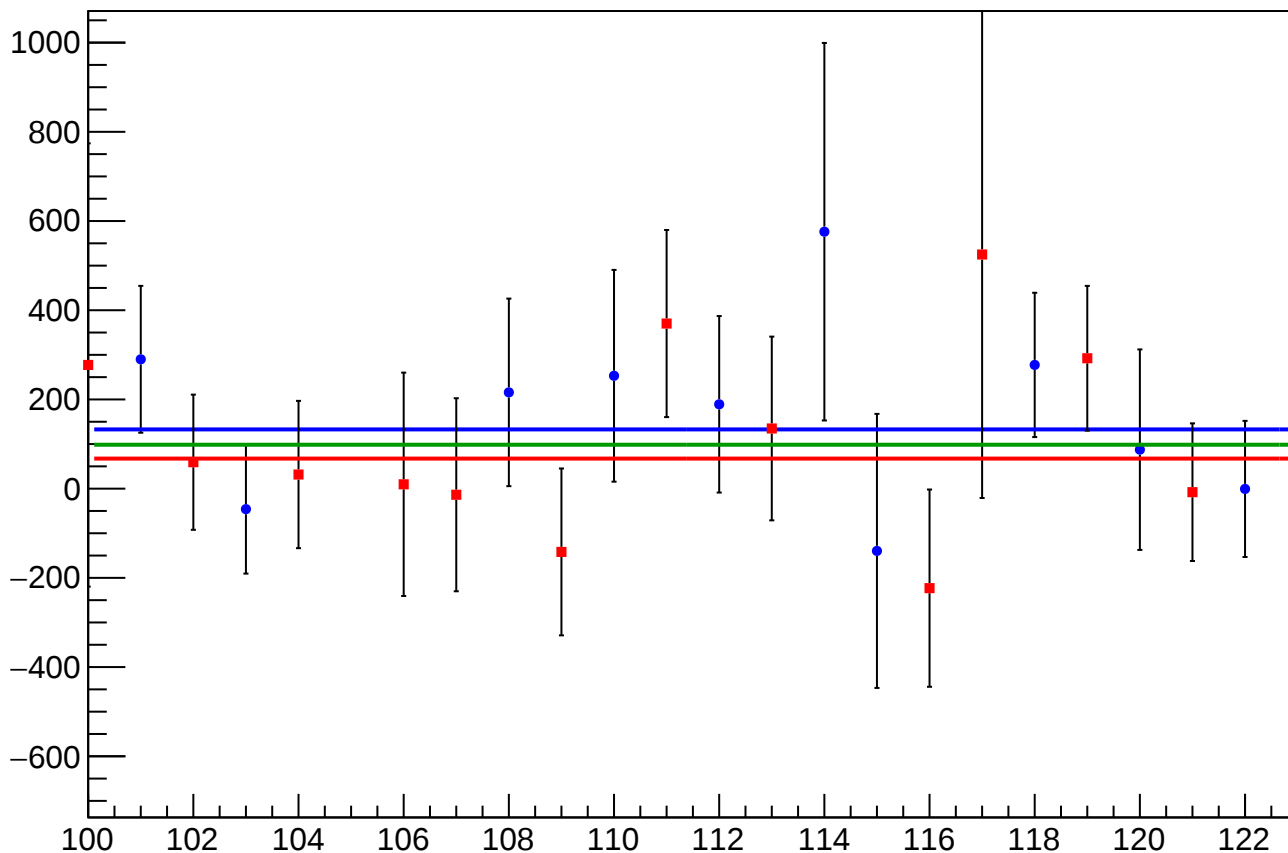
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

1542.756 $\pm$ 0.564 χ^2 /NDF: 124365.6/10

1556.998 $\pm$ 0.389 χ^2 /NDF: 236604.3/22

1569.901 $\pm$ 0.537 χ^2 /NDF: 111023.9/11

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 132.812 $\pm$ 60.706 χ^2 /NDF: 6.8/10

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

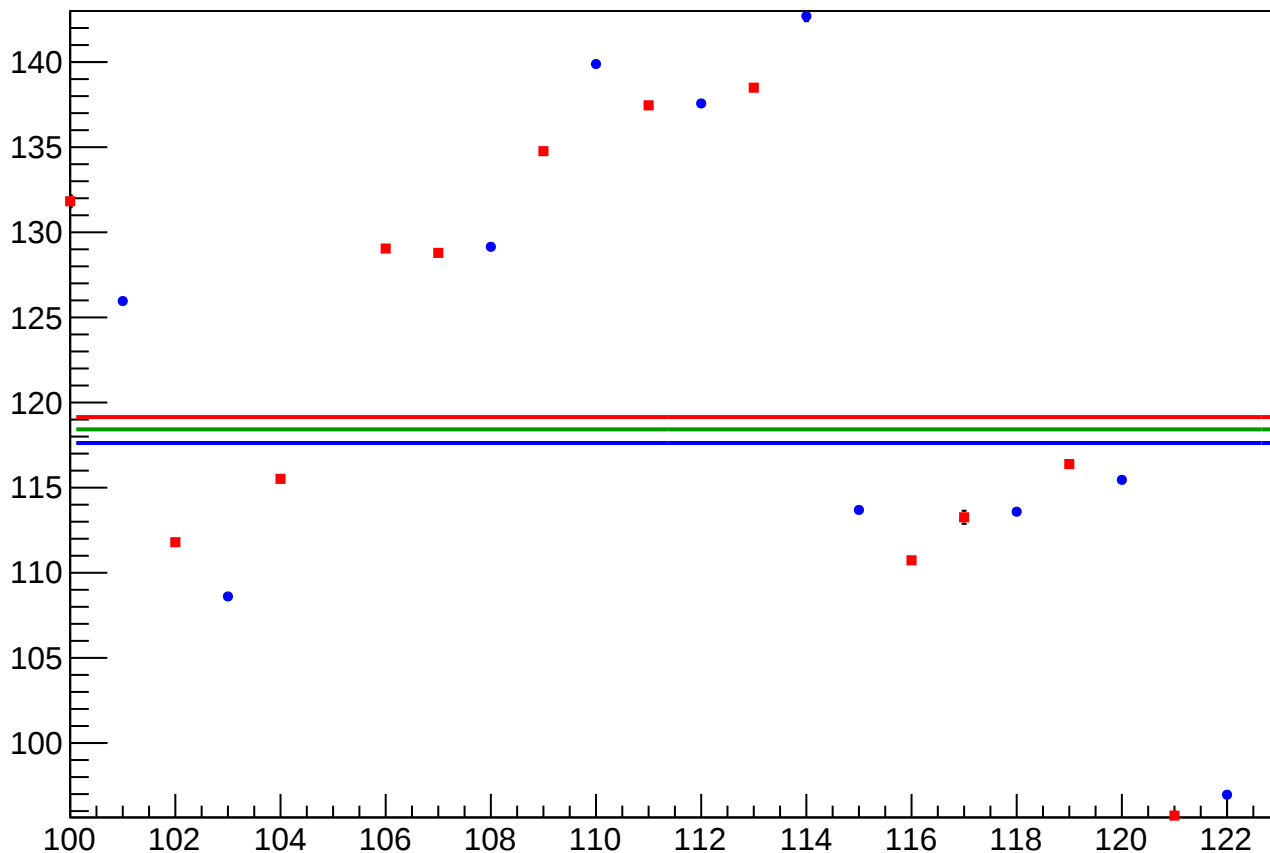
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

132.812 $\pm$ 60.706 χ^2 /NDF: 6.8/10

98.461 $\pm$ 41.826 χ^2 /NDF: 15.9/22

67.417 $\pm$ 57.710 χ^2 /NDF: 8.5/11

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 117.623+/-0.043 χ^2/NDF : 104027.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.148+/-0.041 χ^2/NDF : 110672.5/11

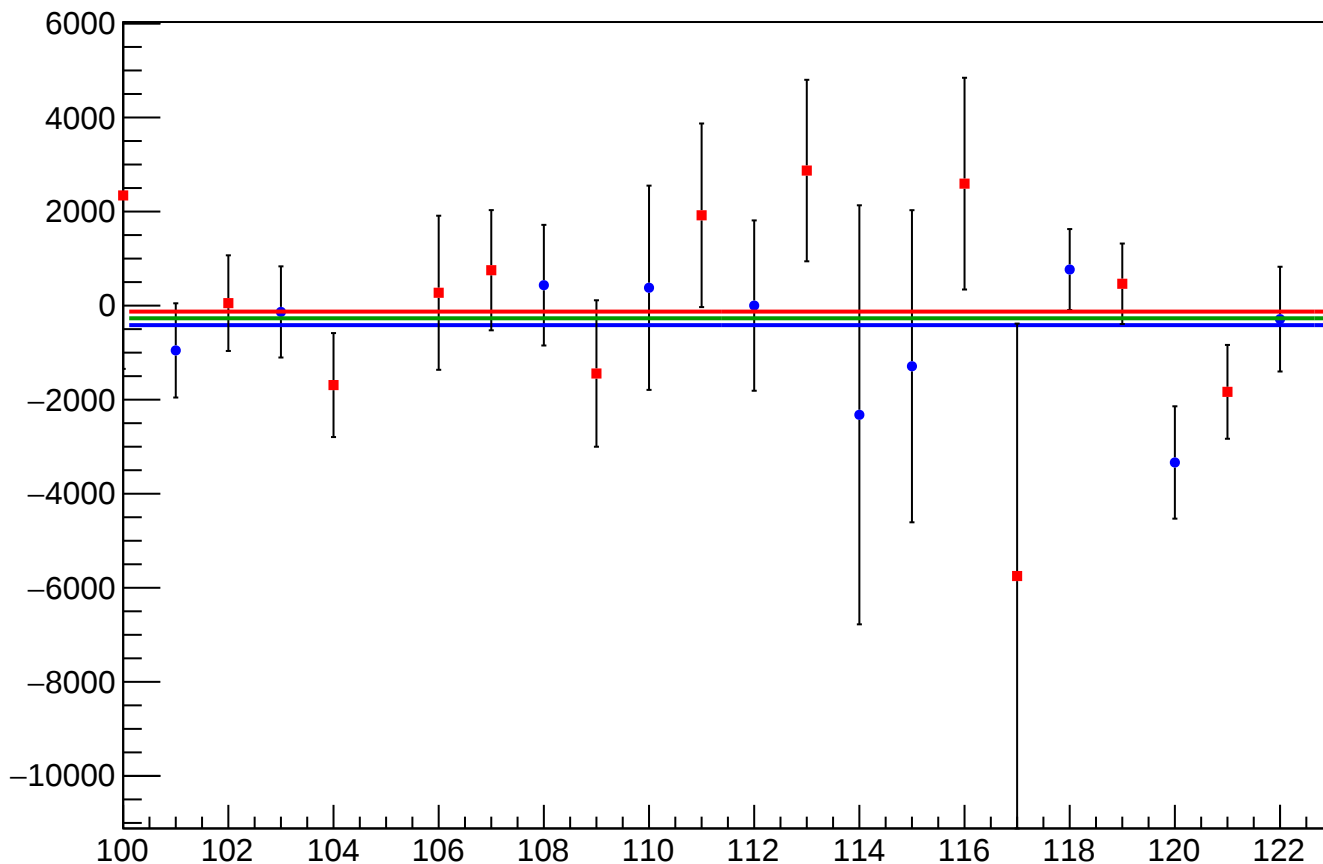
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

117.623+/-0.043 χ^2/NDF : 104027.1/10

118.424+/-0.030 χ^2/NDF : 215362.3/22

119.148+/-0.041 χ^2/NDF : 110672.5/11

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -415.103+/-400.128 χ^2/NDF : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -127.071+/-395.591 χ^2/NDF : 13.2/11

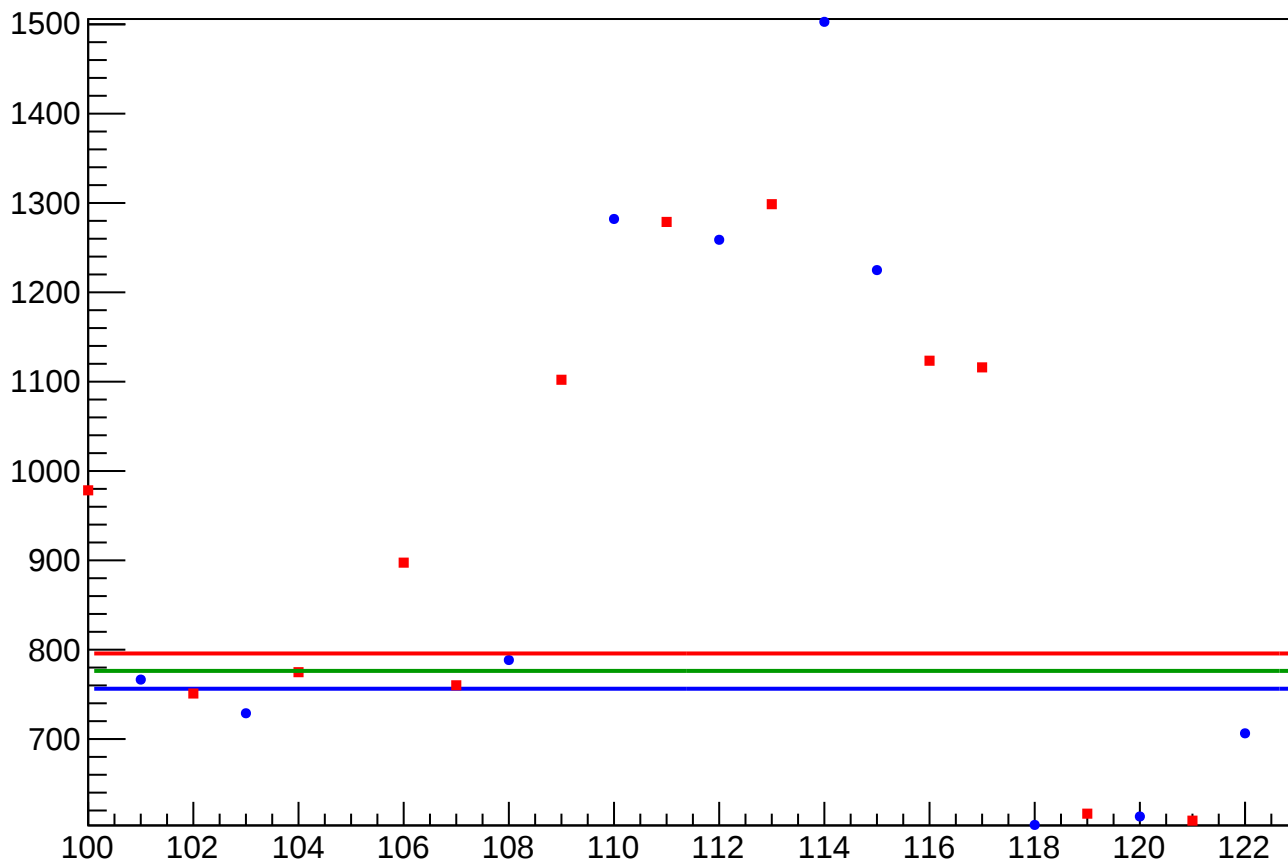
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-415.103+/-400.128 χ^2/NDF : 9.2/10

-269.445+/-281.315 χ^2/NDF : 22.6/22

-127.071+/-395.591 χ^2/NDF : 13.2/11

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 756.295 ± 0.283 χ^2/NDF : 465816.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 795.765 ± 0.280 χ^2/NDF : 562209.7/11

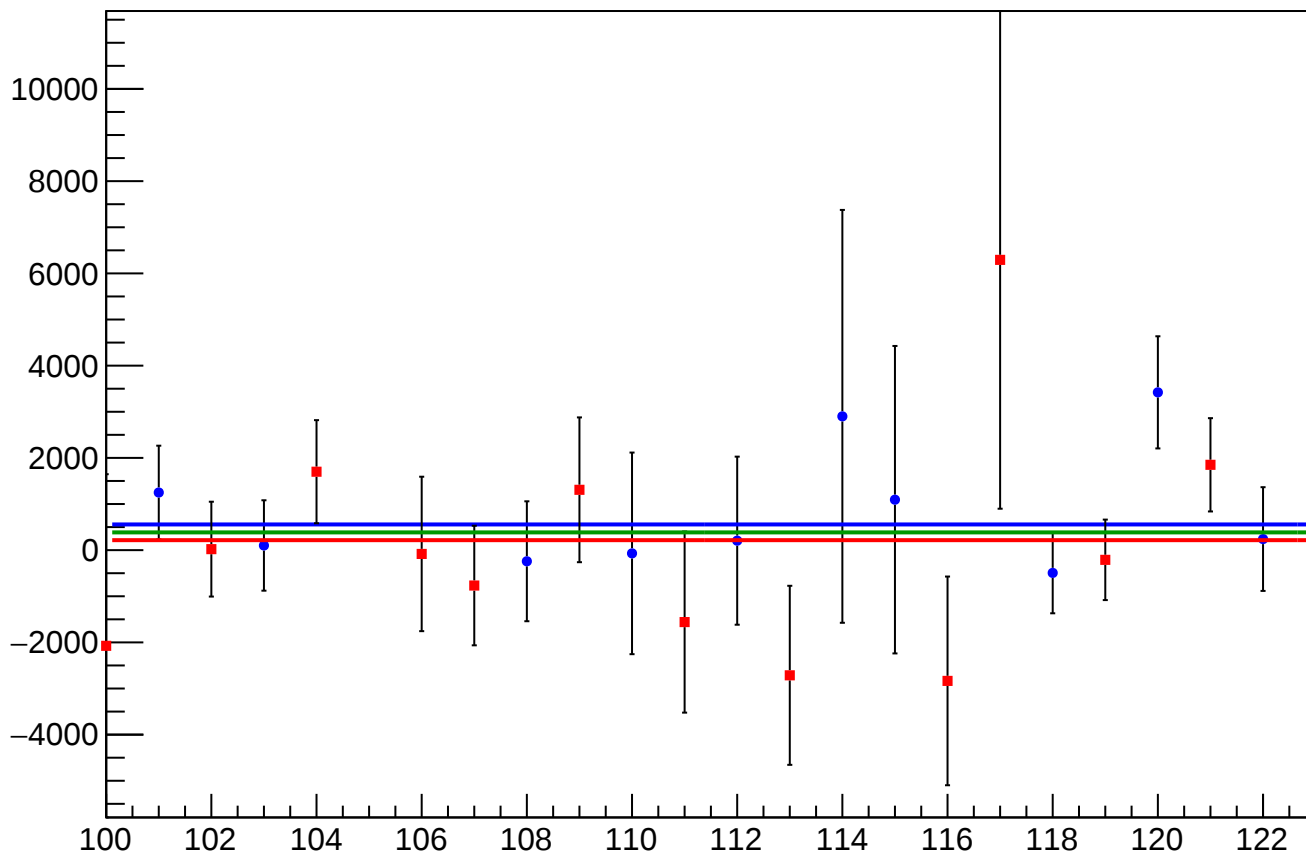
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

756.295 ± 0.283 χ^2/NDF : 465816.9/10

776.255 ± 0.199 χ^2/NDF : 1037868.5/22

795.765 ± 0.280 χ^2/NDF : 562209.7/11

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 557.179+/-405.377 χ^2/NDF : 8.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 216.336+/-400.900 χ^2/NDF : 12.3/11

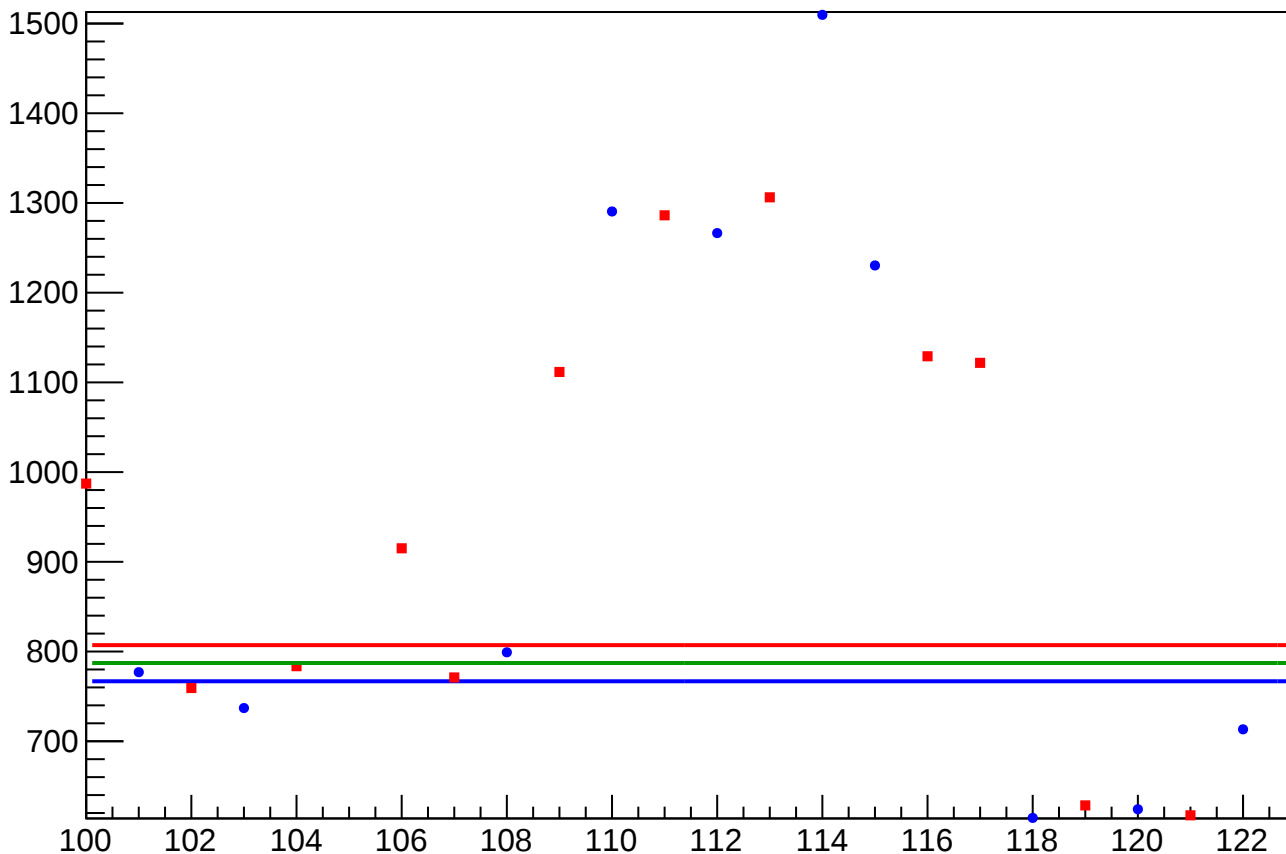
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

557.179+/-405.377 χ^2/NDF : 8.6/10

384.865+/-285.049 χ^2/NDF : 21.2/22

216.336+/-400.900 χ^2/NDF : 12.3/11

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 766.845+/-0.287 χ^2/NDF : 454843.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 807.129+/-0.283 χ^2/NDF : 547924.3/11

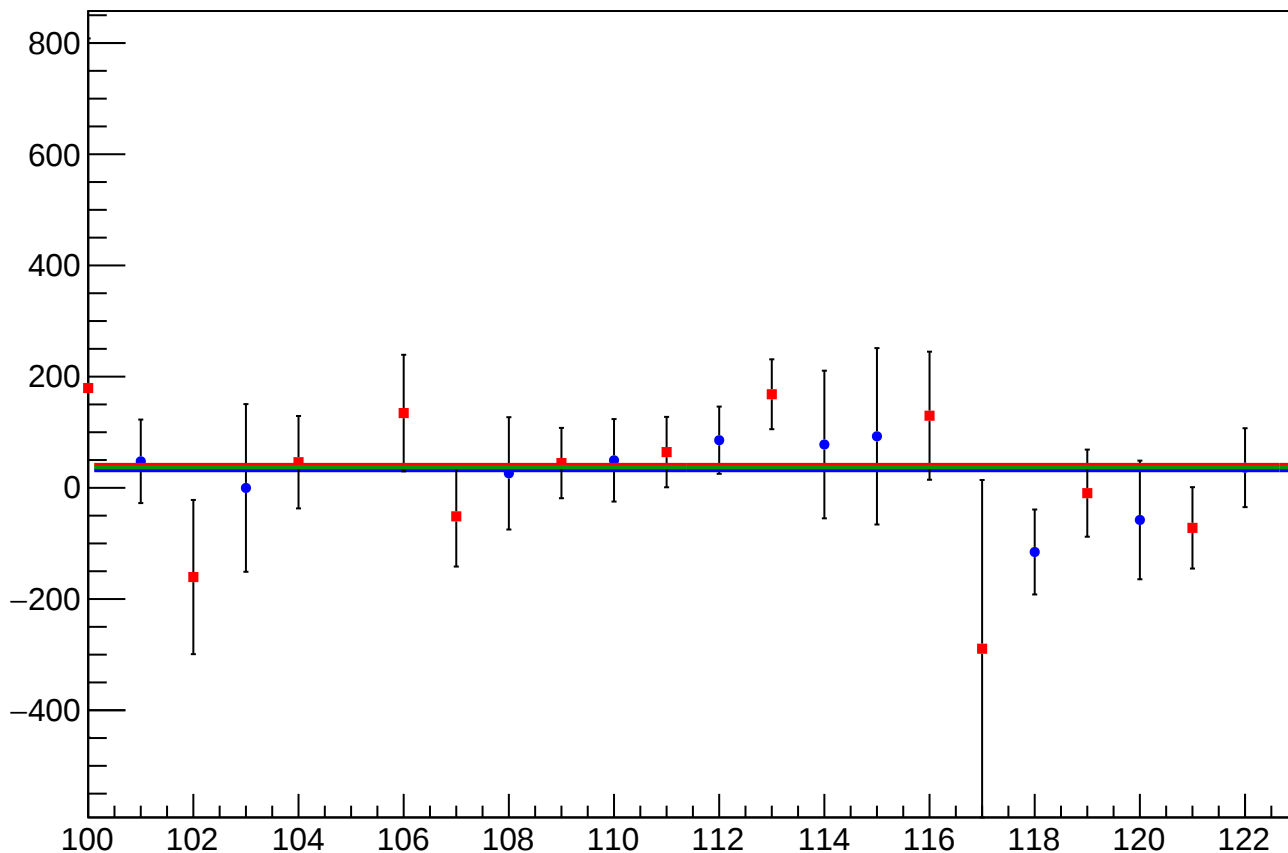
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

766.845+/-0.287 χ^2/NDF : 454843.7/10

787.211+/-0.202 χ^2/NDF : 1012752.6/22

807.129+/-0.283 χ^2/NDF : 547924.3/11

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 31.709+/-27.283 χ^2/NDF : 10.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.314+/-24.988 χ^2/NDF : 12.8/11

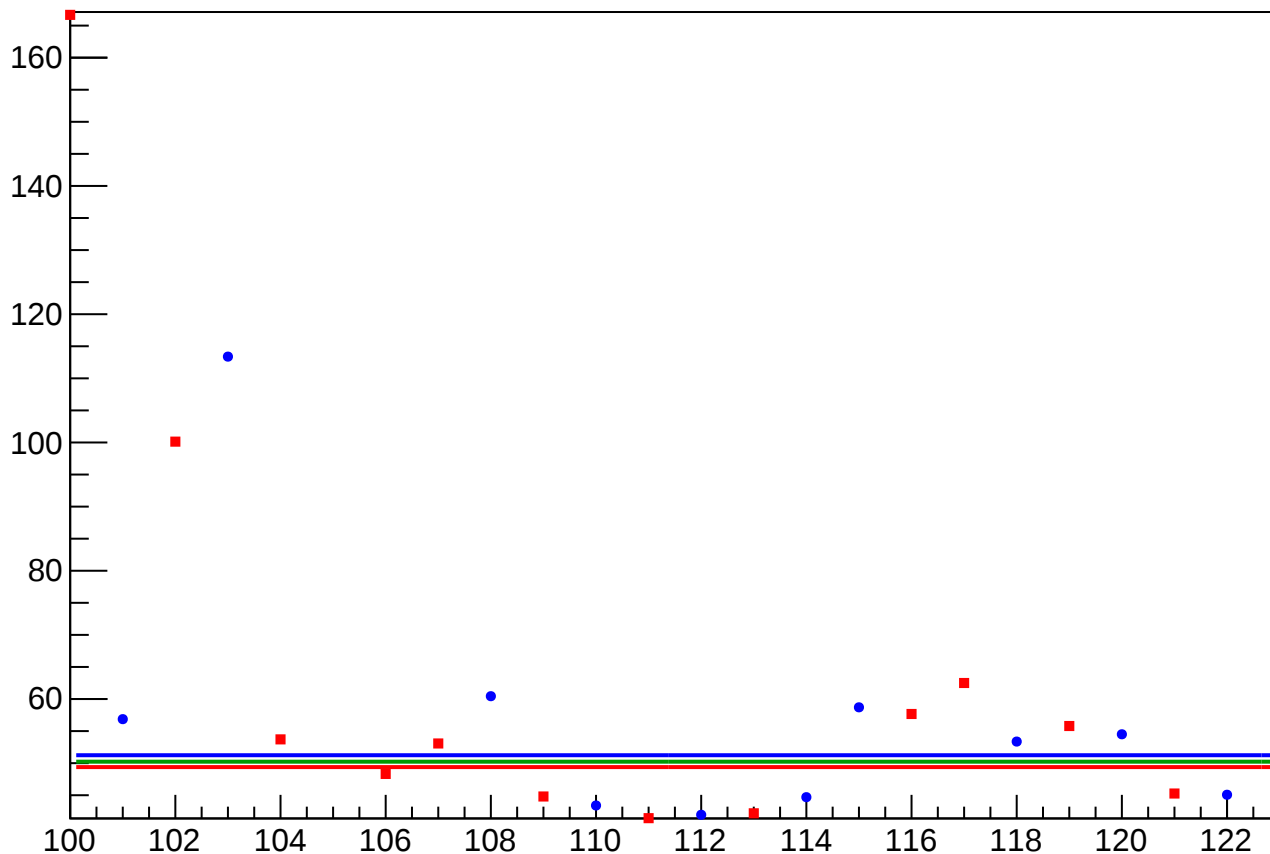
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

31.709+/-27.283 χ^2/NDF : 10.3/10

36.932+/-18.427 χ^2/NDF : 23.2/22

41.314+/-24.988 χ^2/NDF : 12.8/11

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 51.237+/-0.019 χ^2/NDF : 464993.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.387+/-0.018 χ^2/NDF : 448525.3/11

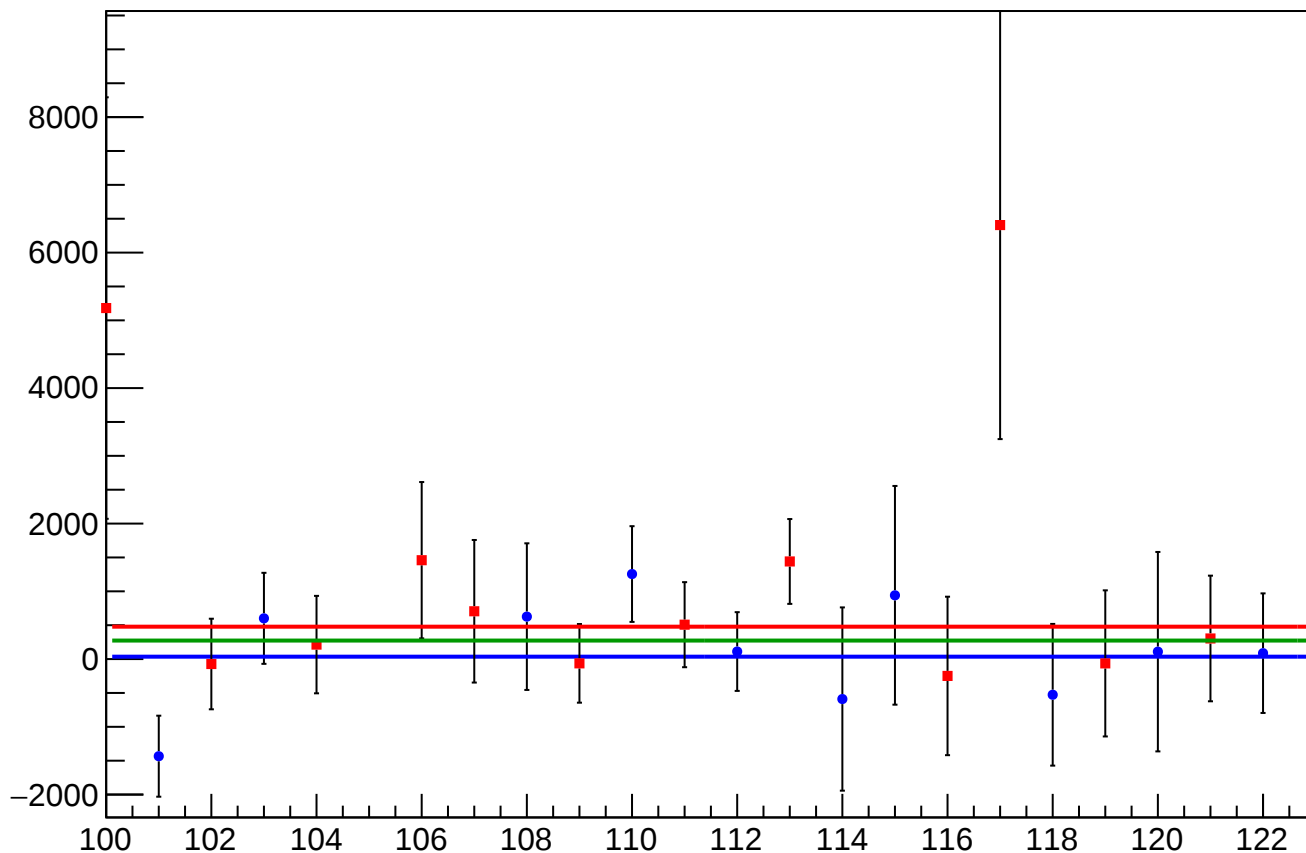
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

51.237+/-0.019 χ^2/NDF : 464993.3/10

50.231+/-0.013 χ^2/NDF : 918520.4/22

49.387+/-0.018 χ^2/NDF : 448525.3/11

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: 35.448+/-262.549 χ^2/NDF : 11.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 478.184+/-243.702 χ^2/NDF : 11.3/11

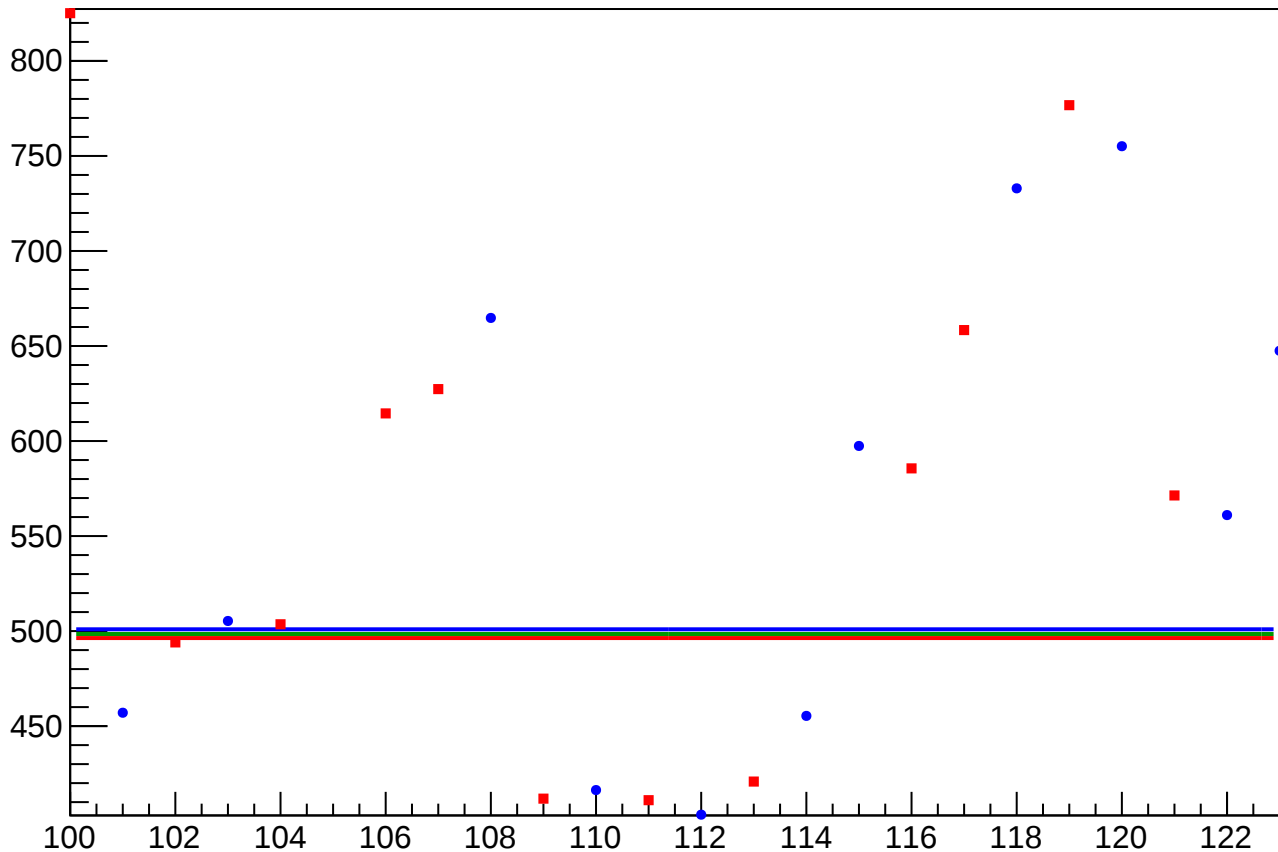
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

35.448+/-262.549 χ^2/NDF : 11.0/10

273.276+/-178.615 χ^2/NDF : 23.8/22

478.184+/-243.702 χ^2/NDF : 11.3/11

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 500.939+/-0.186 χ^2/NDF : 322192.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 496.327+/-0.172 χ^2/NDF : 348155.0/11

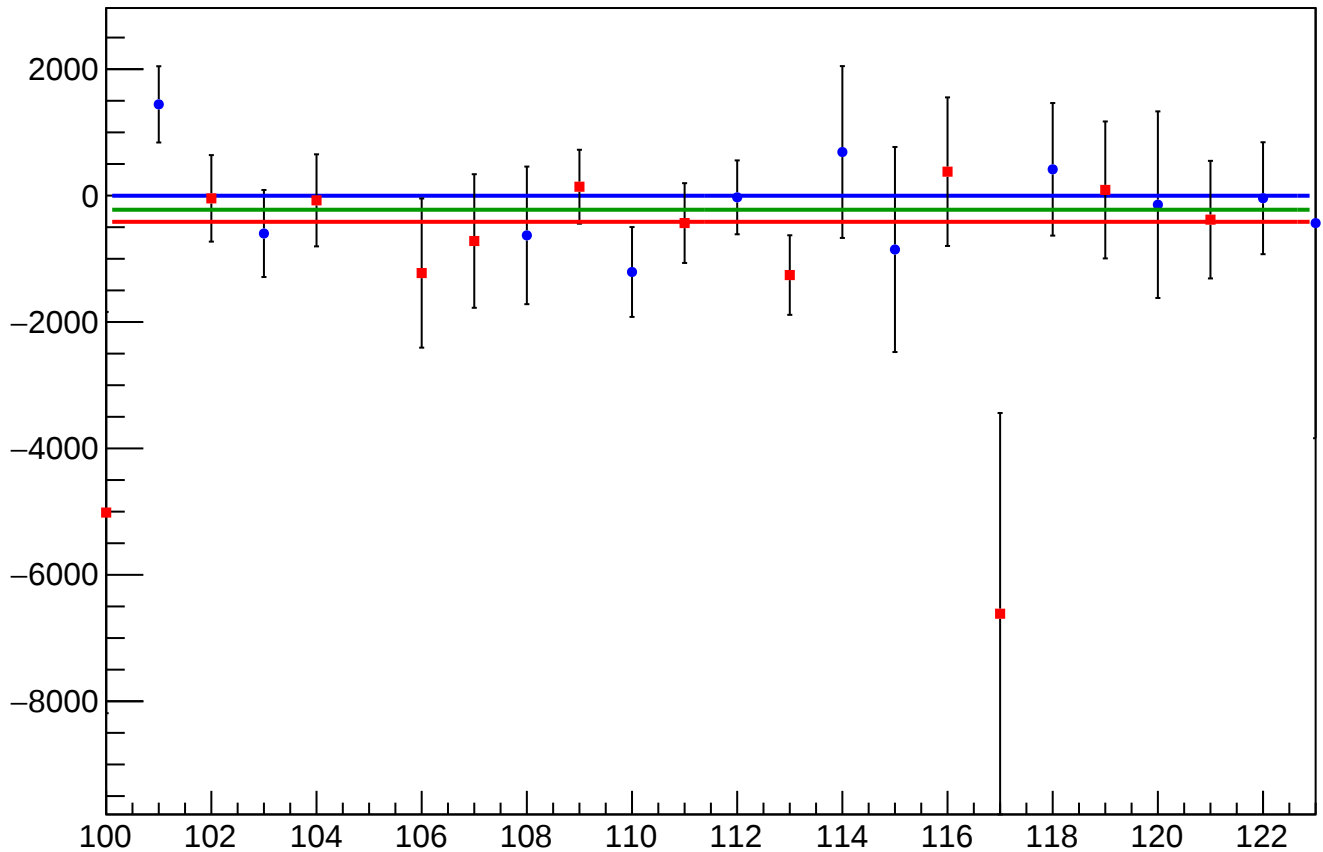
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

500.939+/-0.186 χ^2/NDF : 322192.0/10

498.461+/-0.126 χ^2/NDF : 670678.6/22

496.327+/-0.172 χ^2/NDF : 348155.0/11

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -2.295+/-264.810 χ^2/NDF : 10.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -414.874+/-246.000 χ^2/NDF : 10.3/11

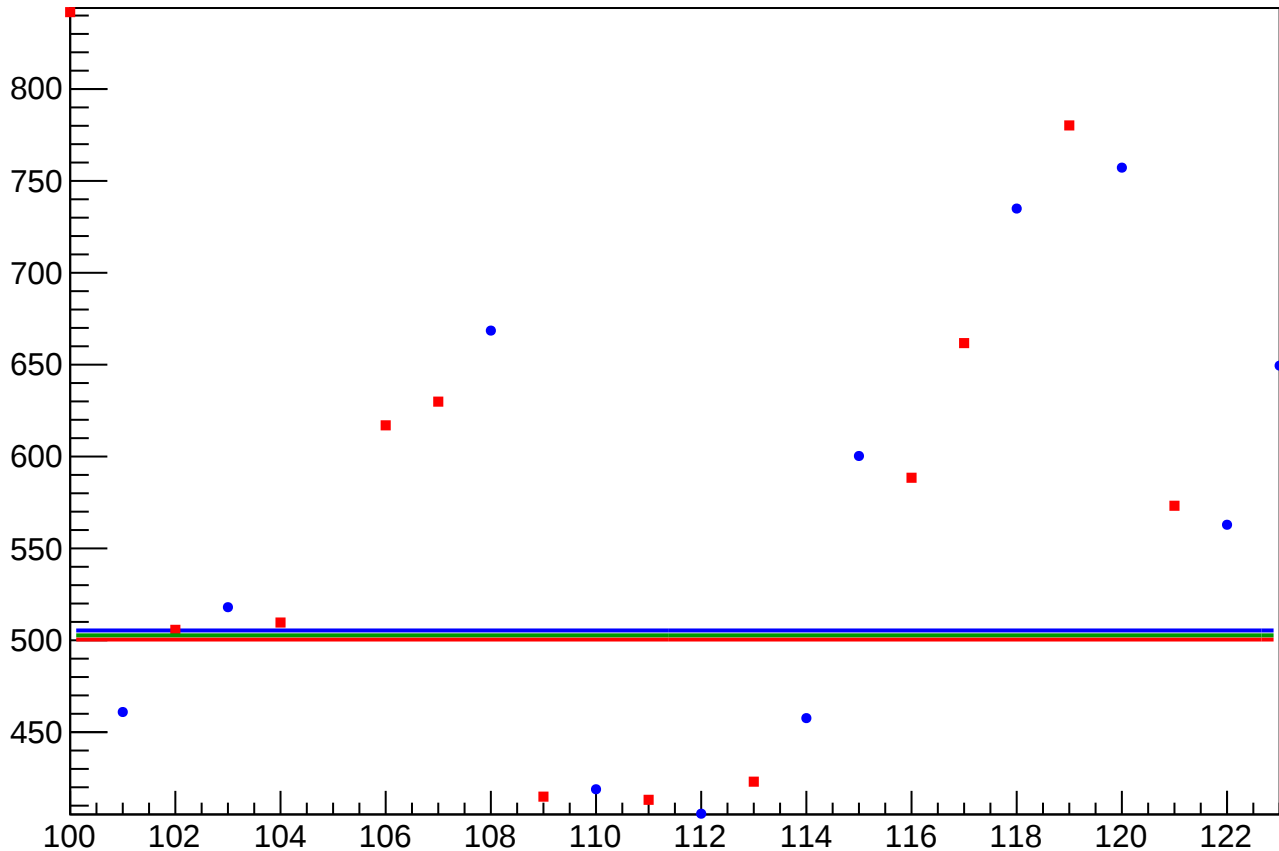
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.295+/-264.810 χ^2/NDF : 10.4/10

-223.758+/-180.232 χ^2/NDF : 22.1/22

-414.874+/-246.000 χ^2/NDF : 10.3/11

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 505.340+/-0.187 χ^2/NDF : 319730.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 500.416+/-0.174 χ^2/NDF : 346370.5/11

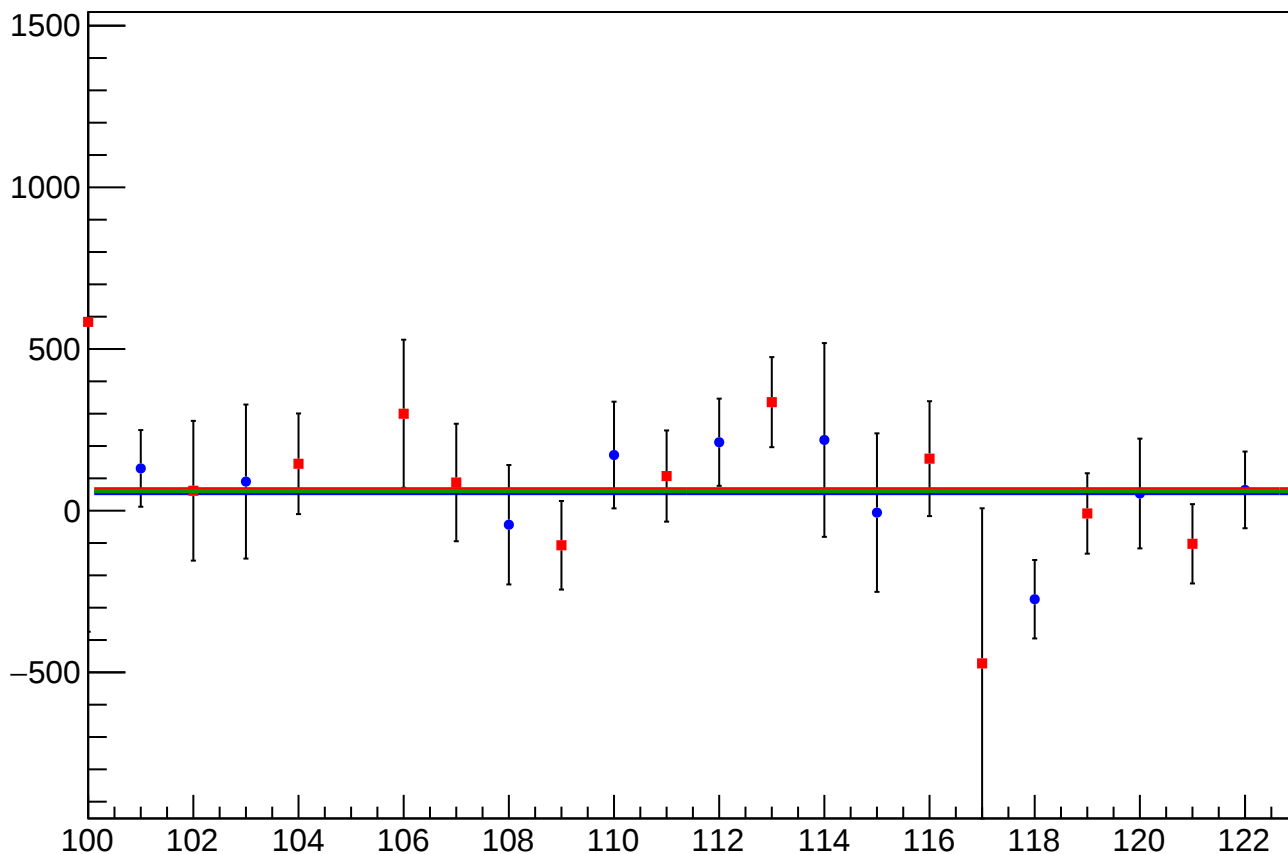
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

505.340+/-0.187 χ^2/NDF : 319730.8/10

502.697+/-0.127 χ^2/NDF : 666472.6/22

500.416+/-0.174 χ^2/NDF : 346370.5/11

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 54.208+/-48.979 χ^2/NDF : 14.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.548+/-47.926 χ^2/NDF : 10.8/11

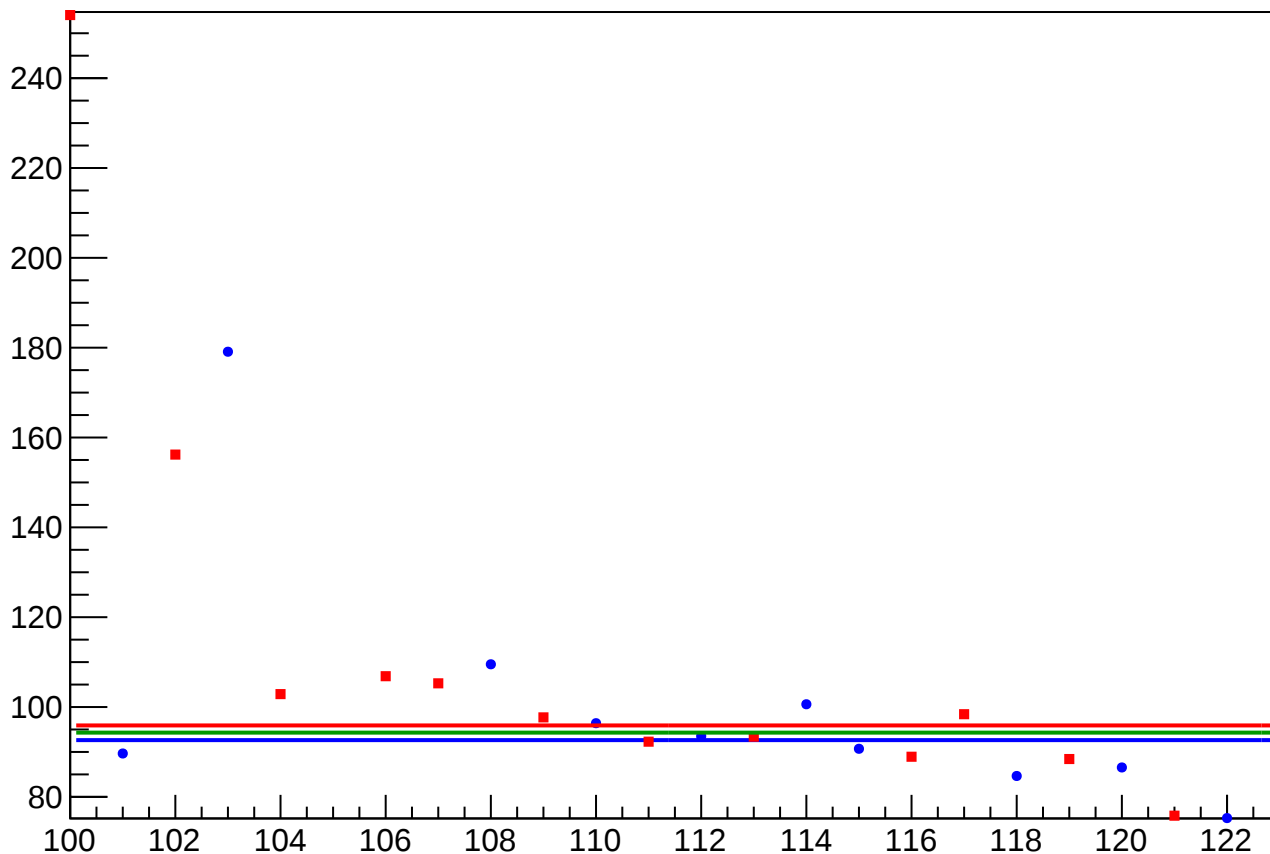
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

54.208+/-48.979 χ^2/NDF : 14.1/10

60.512+/-34.255 χ^2/NDF : 24.9/22

66.548+/-47.926 χ^2/NDF : 10.8/11

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 92.633 +/- 0.035 χ^2/NDF : 339698.8/10

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 95.903 +/- 0.034 χ^2/NDF : 290395.9/11

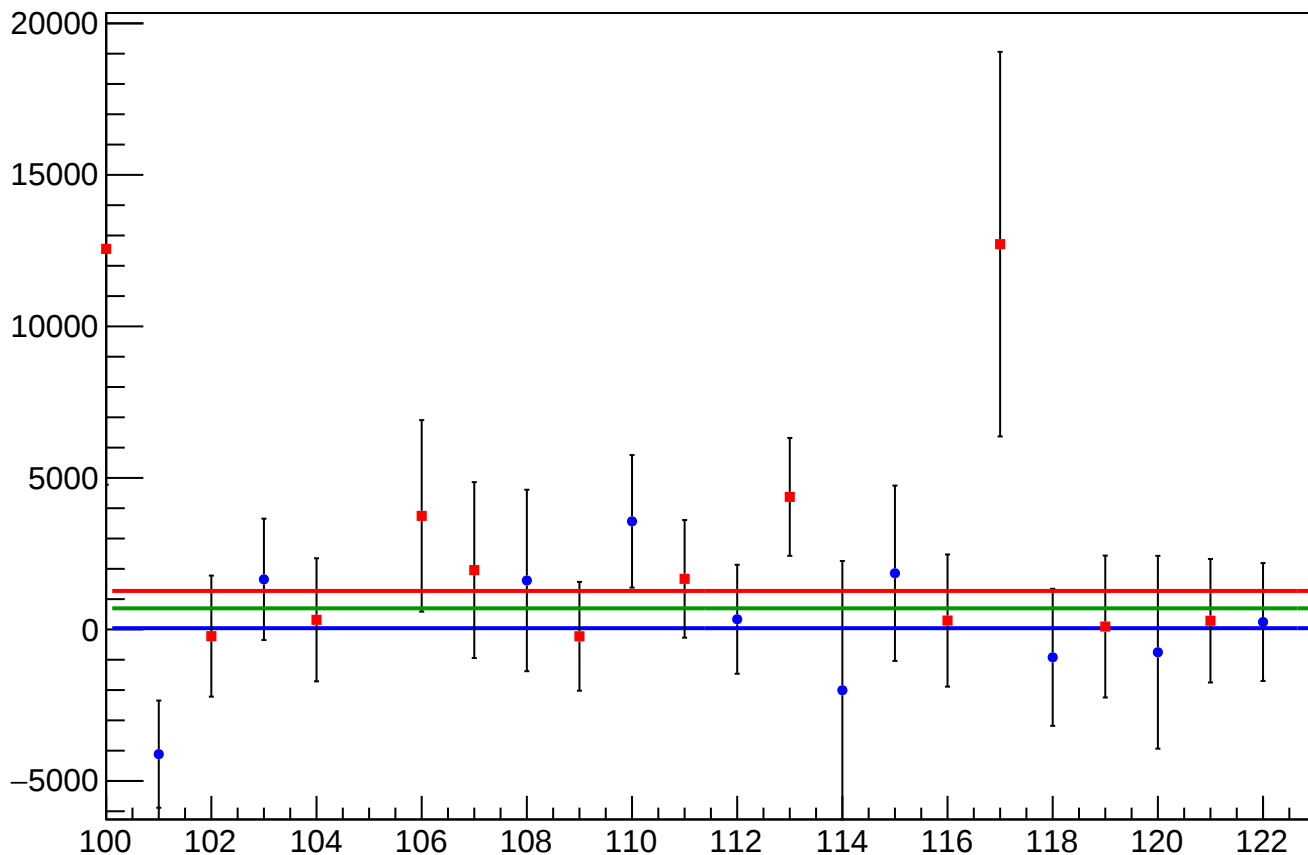
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

92.633 +/- 0.035 χ^2/NDF : 339698.8/10

94.303 +/- 0.024 χ^2/NDF : 634648.6/22

95.903 +/- 0.034 χ^2/NDF : 290395.9/11

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: 41.185+/-716.018 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1270.881+/-670.116 χ^2/NDF : 10.8/11

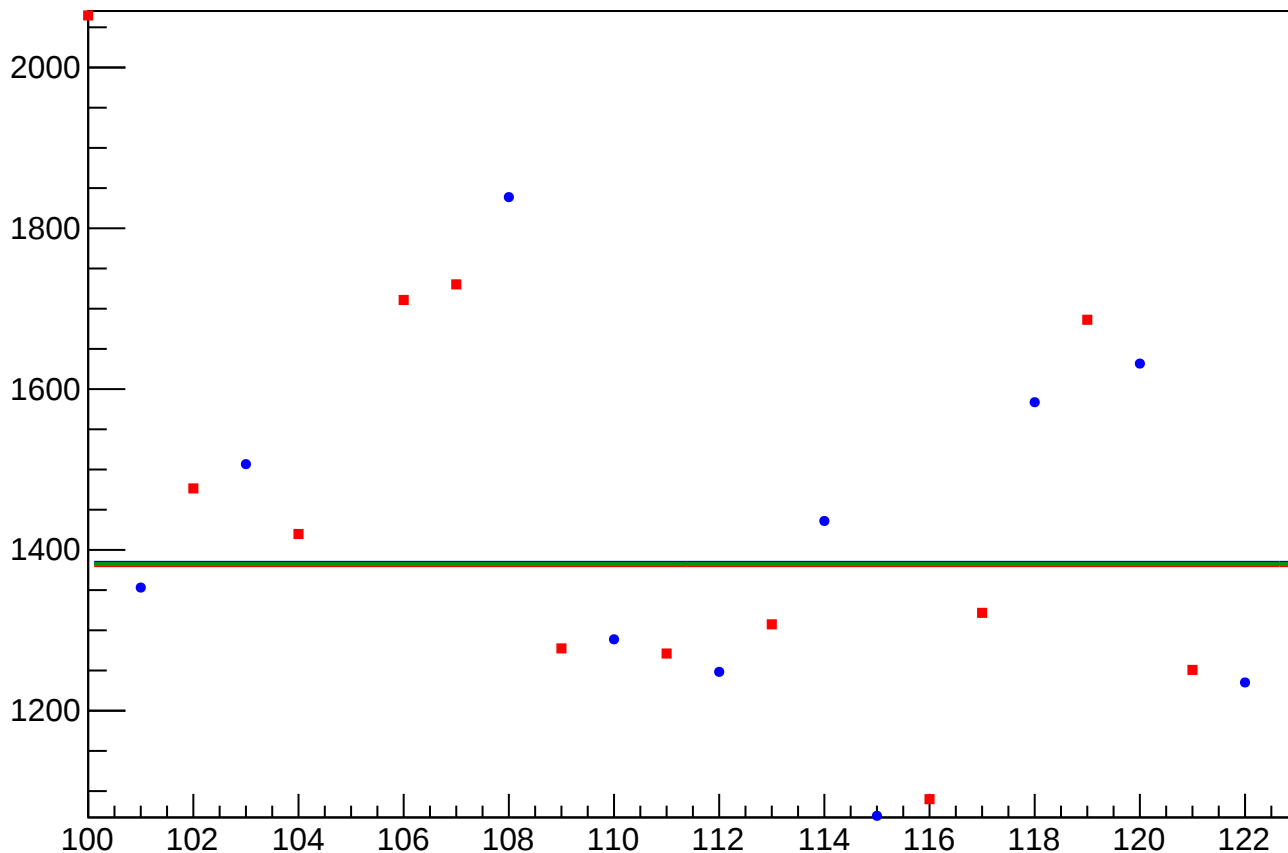
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

41.185+/-716.018 χ^2/NDF : 10.0/10

696.710+/-489.267 χ^2/NDF : 22.4/22

1270.881+/-670.116 χ^2/NDF : 10.8/11

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1383.908 $\pm$ 0.506 χ^2 /NDF: 132949.2/10

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

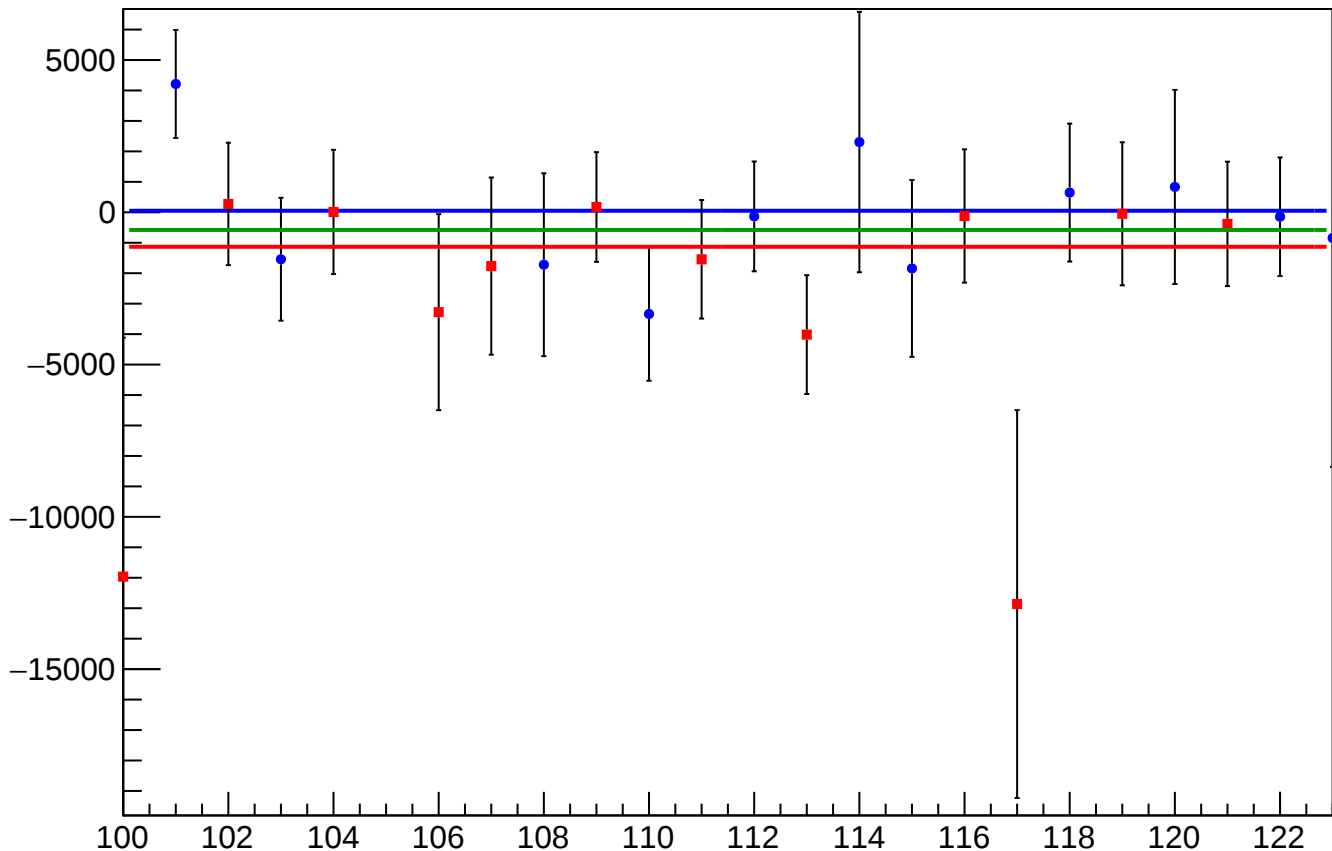
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1383.908 $\pm$ 0.506 χ^2 /NDF: 132949.2/10

1382.364 $\pm$ 0.346 χ^2 /NDF: 298336.4/22

1381.012 $\pm$ 0.474 χ^2 /NDF: 165369.7/11

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 50.672+/-718.209 χ^2 /NDF: 9.7/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1132.324+/-672.854 χ^2 /NDF: 9.9/11

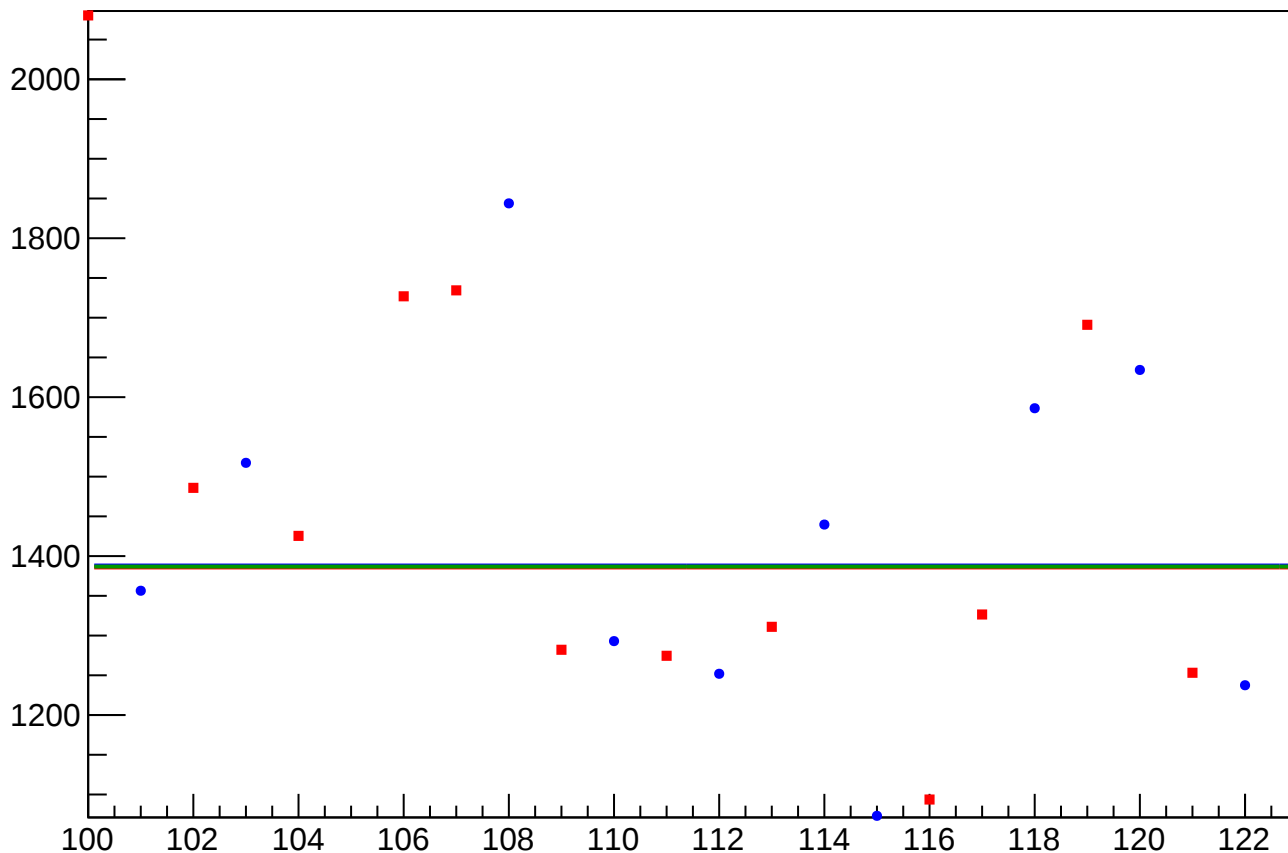
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

50.672+/-718.209 χ^2 /NDF: 9.7/10

-579.356+/-491.031 χ^2 /NDF: 21.1/22

-1132.324+/-672.854 χ^2 /NDF: 9.9/11

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1388.119+/-0.508 χ^2/NDF : 133200.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1385.718+/-0.476 χ^2/NDF : 166762.5/11

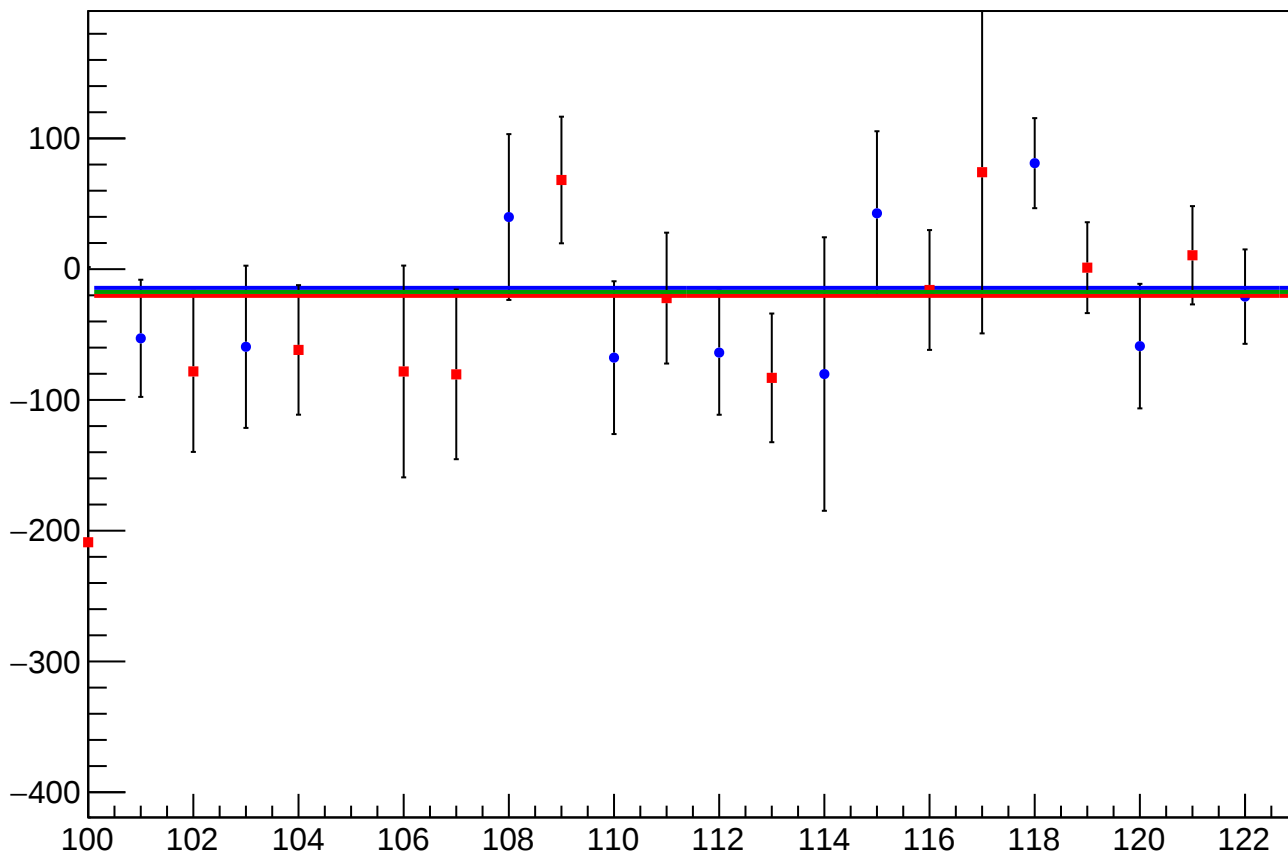
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1388.119+/-0.508 χ^2/NDF : 133200.4/10

1386.840+/-0.347 χ^2/NDF : 299974.7/22

1385.718+/-0.476 χ^2/NDF : 166762.5/11

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -14.298+/-15.422 χ^2 /NDF: 15.0/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -20.419+/-15.073 χ^2 /NDF: 10.4/11

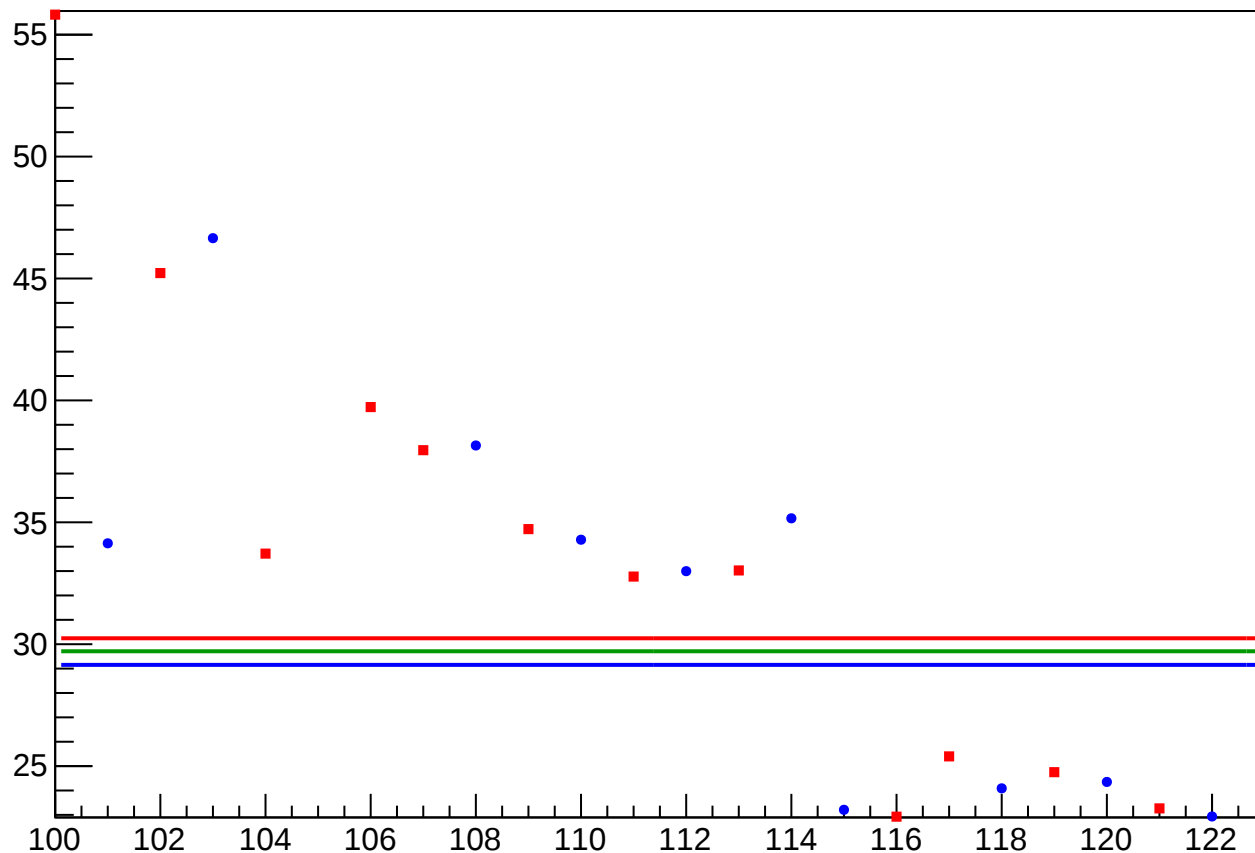
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-14.298+/-15.422 χ^2 /NDF: 15.0/10

-17.428+/-10.779 χ^2 /NDF: 25.5/22

-20.419+/-15.073 χ^2 /NDF: 10.4/11

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 29.152+/-0.011 χ^2/NDF : 404181.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.243+/-0.011 χ^2/NDF : 415078.5/11

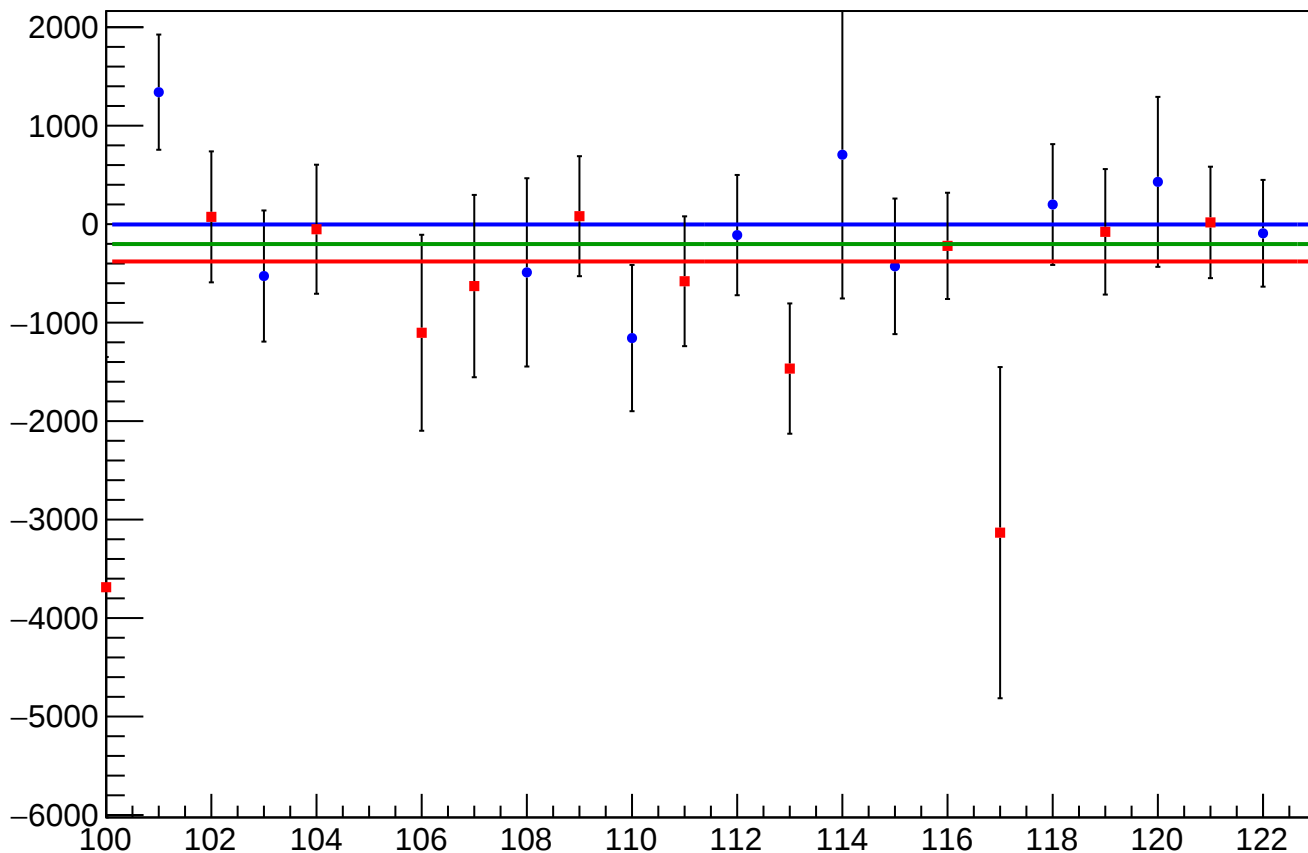
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

29.152+/-0.011 χ^2/NDF : 404181.3/10

29.710+/-0.008 χ^2/NDF : 824377.6/22

30.243+/-0.011 χ^2/NDF : 415078.5/11

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: -3.170+/-218.343 χ^2/NDF : 9.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -378.983+/-205.826 χ^2/NDF : 10.2/11

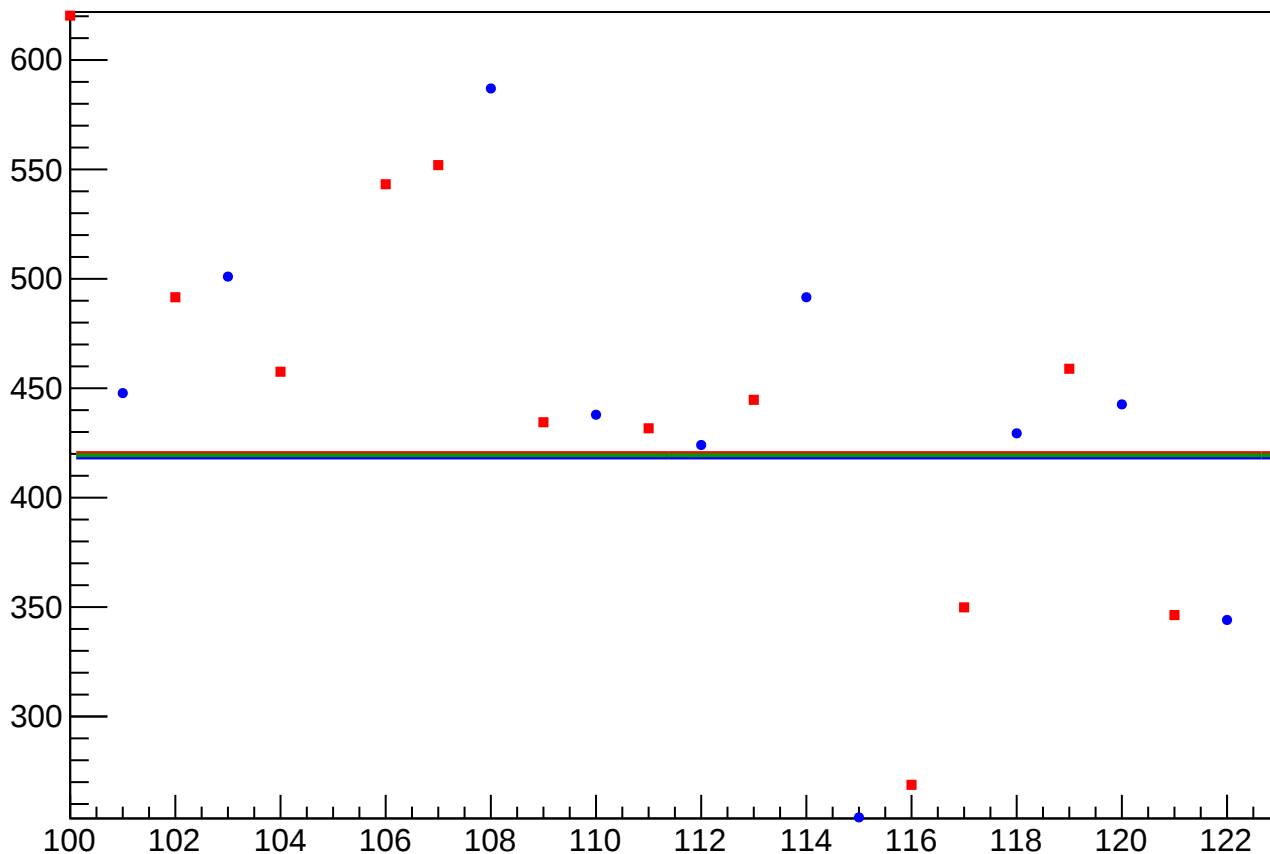
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.170+/-218.343 χ^2/NDF : 9.6/10

-202.156+/-149.771 χ^2/NDF : 21.4/22

-378.983+/-205.826 χ^2/NDF : 10.2/11

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 418.370+/-0.154 χ^2/NDF : 258766.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 420.347+/-0.146 χ^2/NDF : 322267.3/11

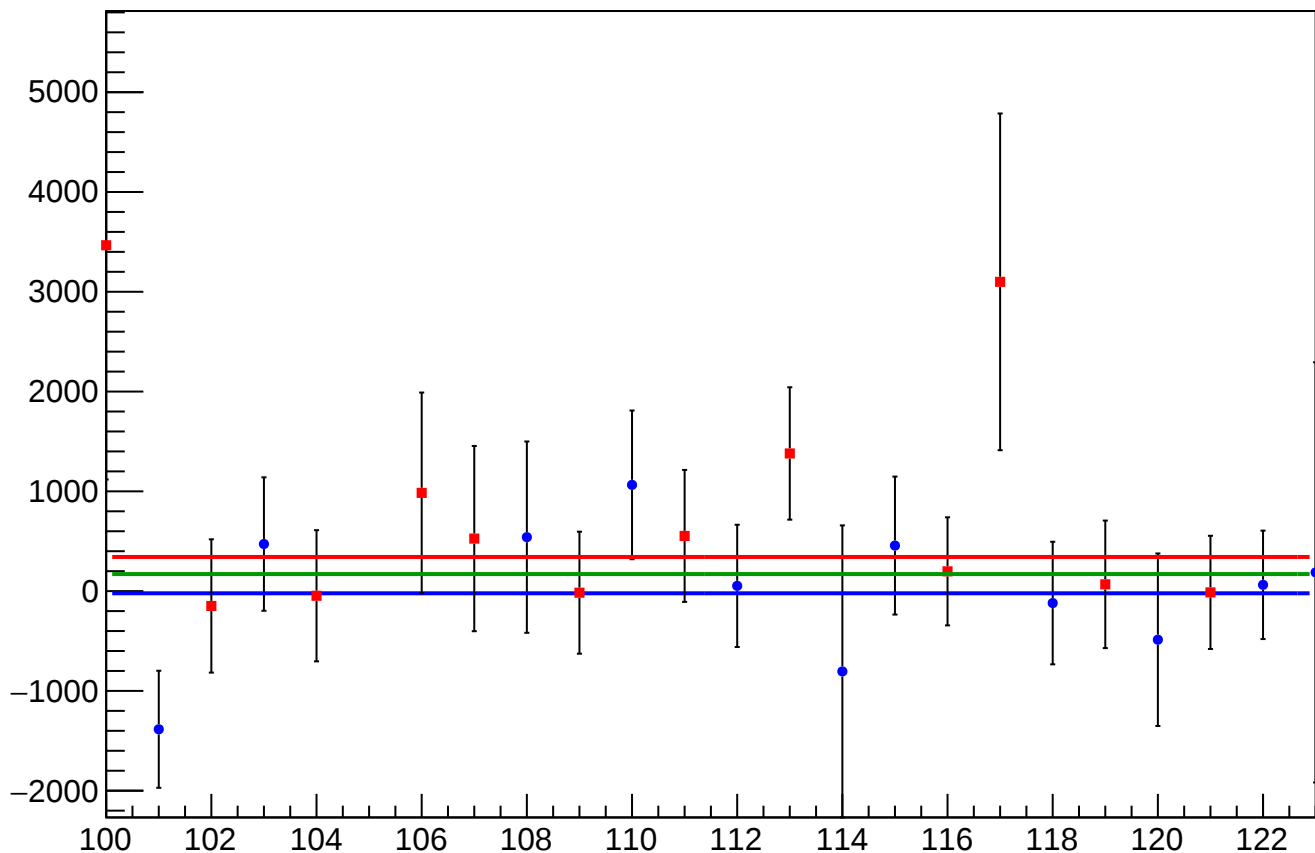
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

418.370+/-0.154 χ^2/NDF : 258766.0/10

419.417+/-0.106 χ^2/NDF : 581120.1/22

420.347+/-0.146 χ^2/NDF : 322267.3/11

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -21.723+/-218.975 χ^2/NDF : 9.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 342.325+/-206.544 χ^2/NDF : 9.3/11

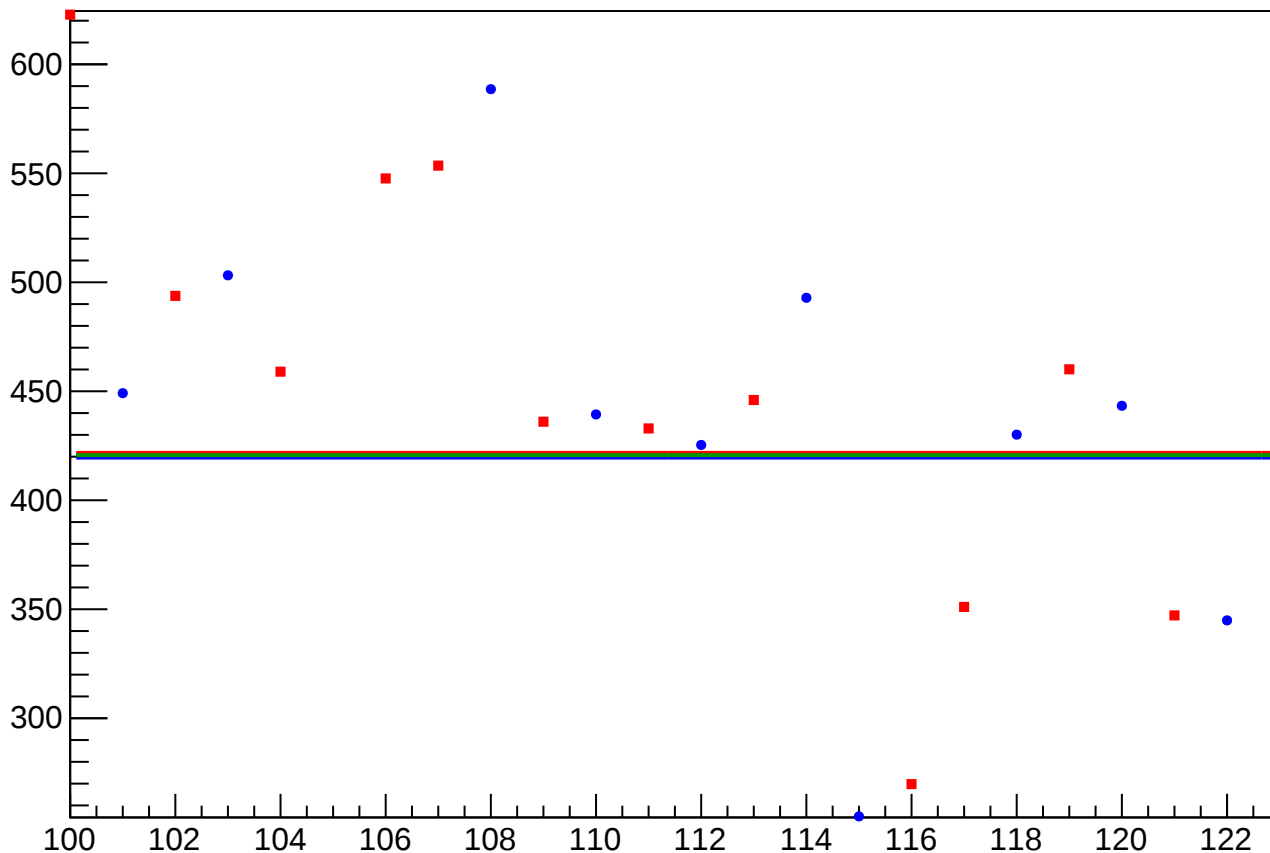
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-21.723+/-218.975 χ^2/NDF : 9.5/10

170.927+/-150.251 χ^2/NDF : 20.3/22

342.325+/-206.544 χ^2/NDF : 9.3/11

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 419.588 $\pm$ 0.155 χ^2 /NDF: 258568.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 421.729 $\pm$ 0.146 χ^2 /NDF: 323138.1/11

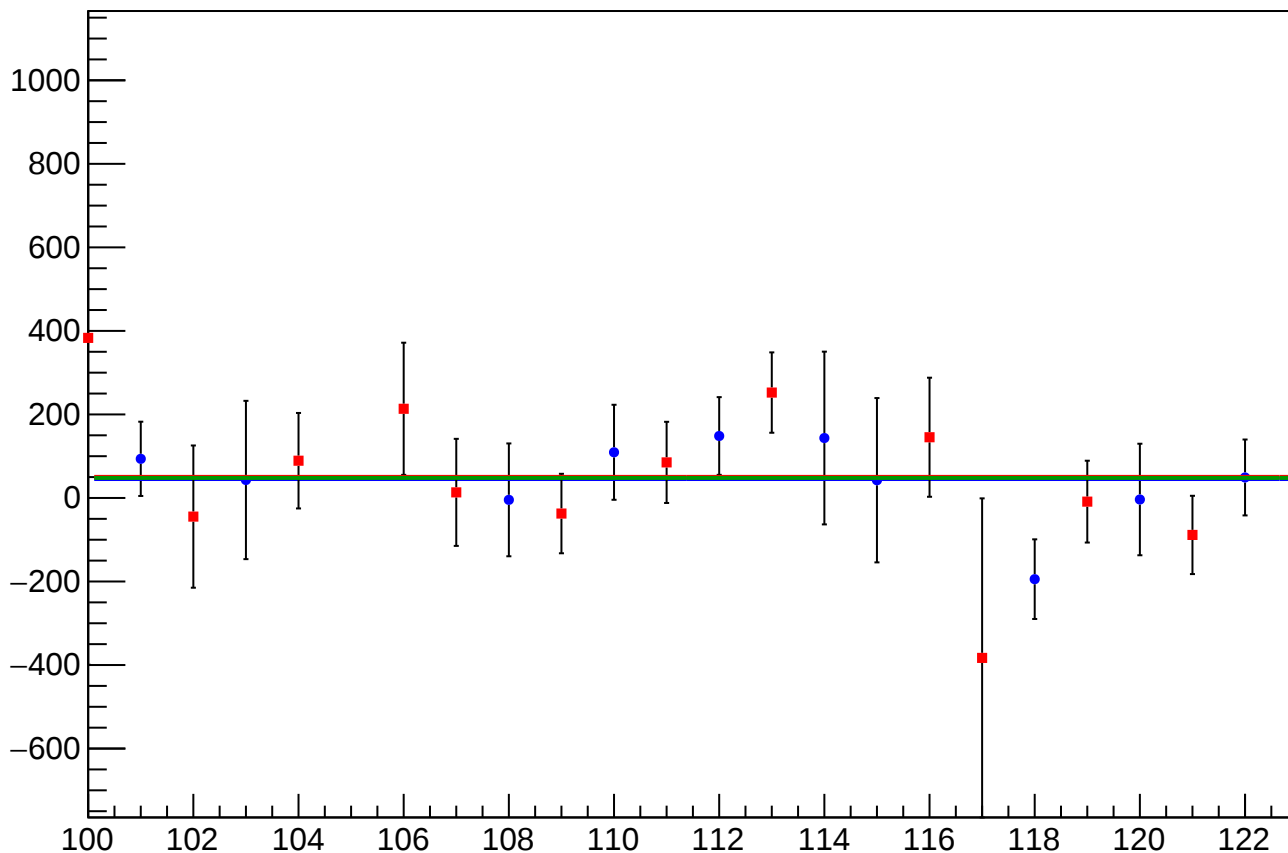
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

419.588 $\pm$ 0.155 χ^2 /NDF: 258568.0/10

420.721 $\pm$ 0.106 χ^2 /NDF: 581807.3/22

421.729 $\pm$ 0.146 χ^2 /NDF: 323138.1/11

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 45.384+/-36.575 χ^2/NDF : 13.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.448+/-35.094 χ^2/NDF : 11.4/11

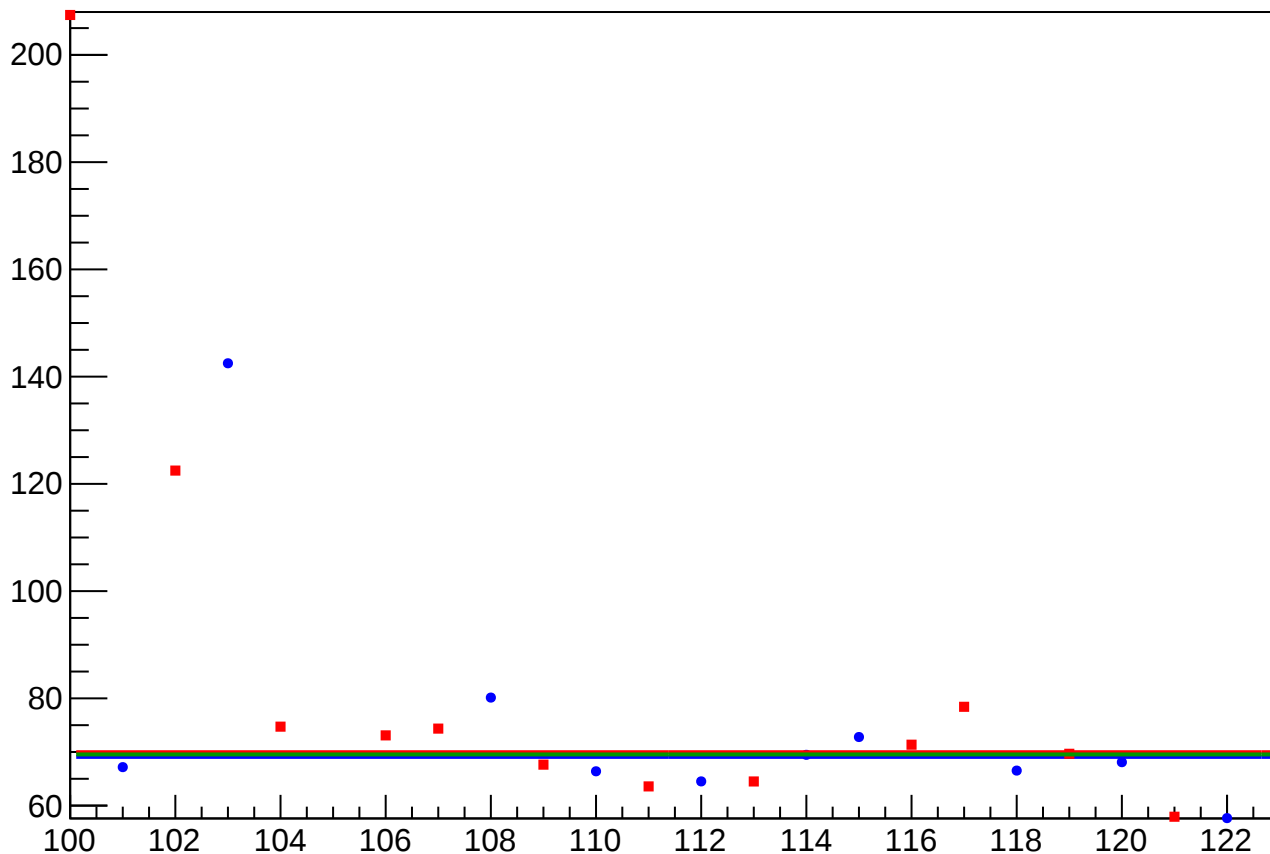
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

45.384+/-36.575 χ^2/NDF : 13.0/10

48.021+/-25.323 χ^2/NDF : 24.5/22

50.448+/-35.094 χ^2/NDF : 11.4/11

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 69.089+/-0.026 χ^2/NDF : 354918.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.957+/-0.025 χ^2/NDF : 309024.2/11

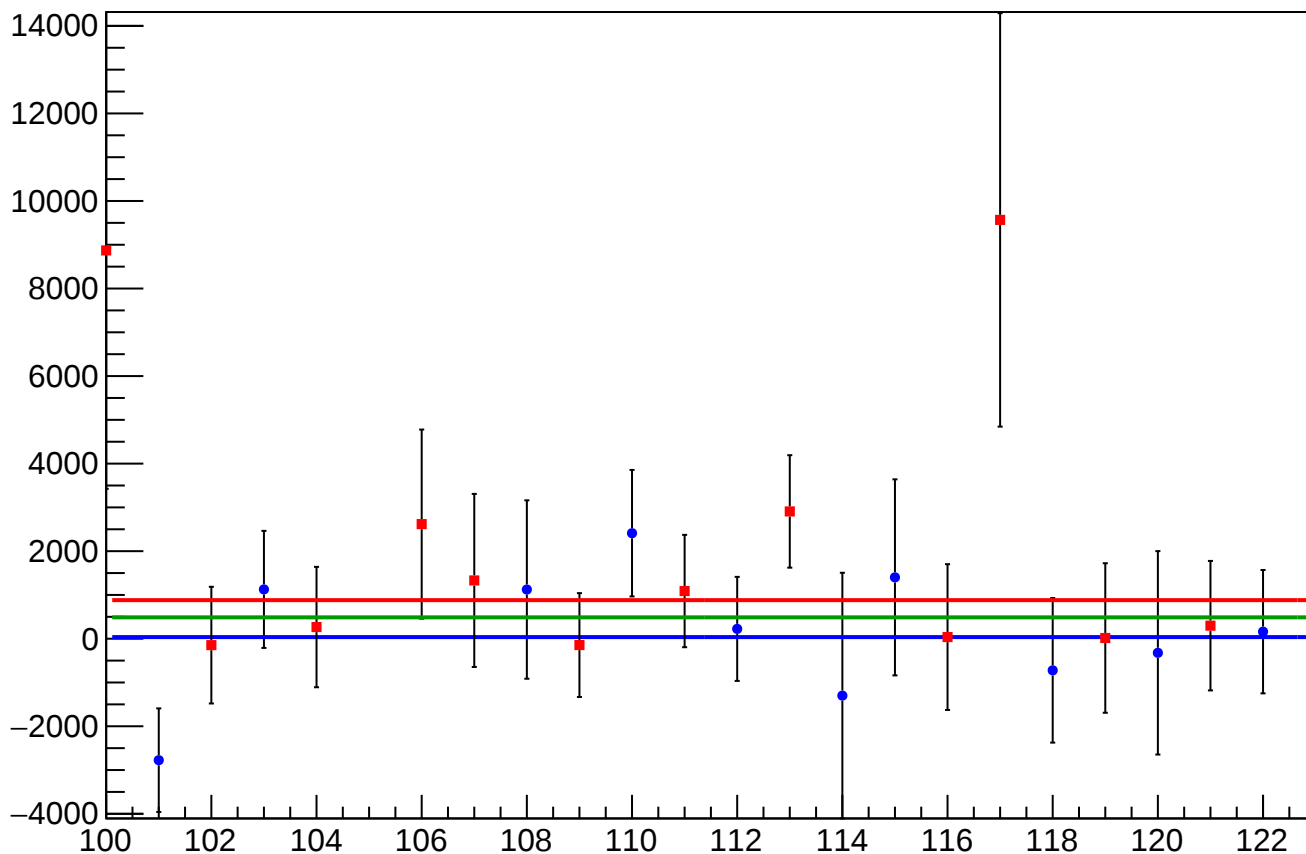
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

69.089+/-0.026 χ^2/NDF : 354918.1/10

69.541+/-0.018 χ^2/NDF : 664528.9/22

69.957+/-0.025 χ^2/NDF : 309024.2/11

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: 36.867+/-492.819 χ^2/NDF : 10.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 881.280+/-460.042 χ^2/NDF : 11.0/11

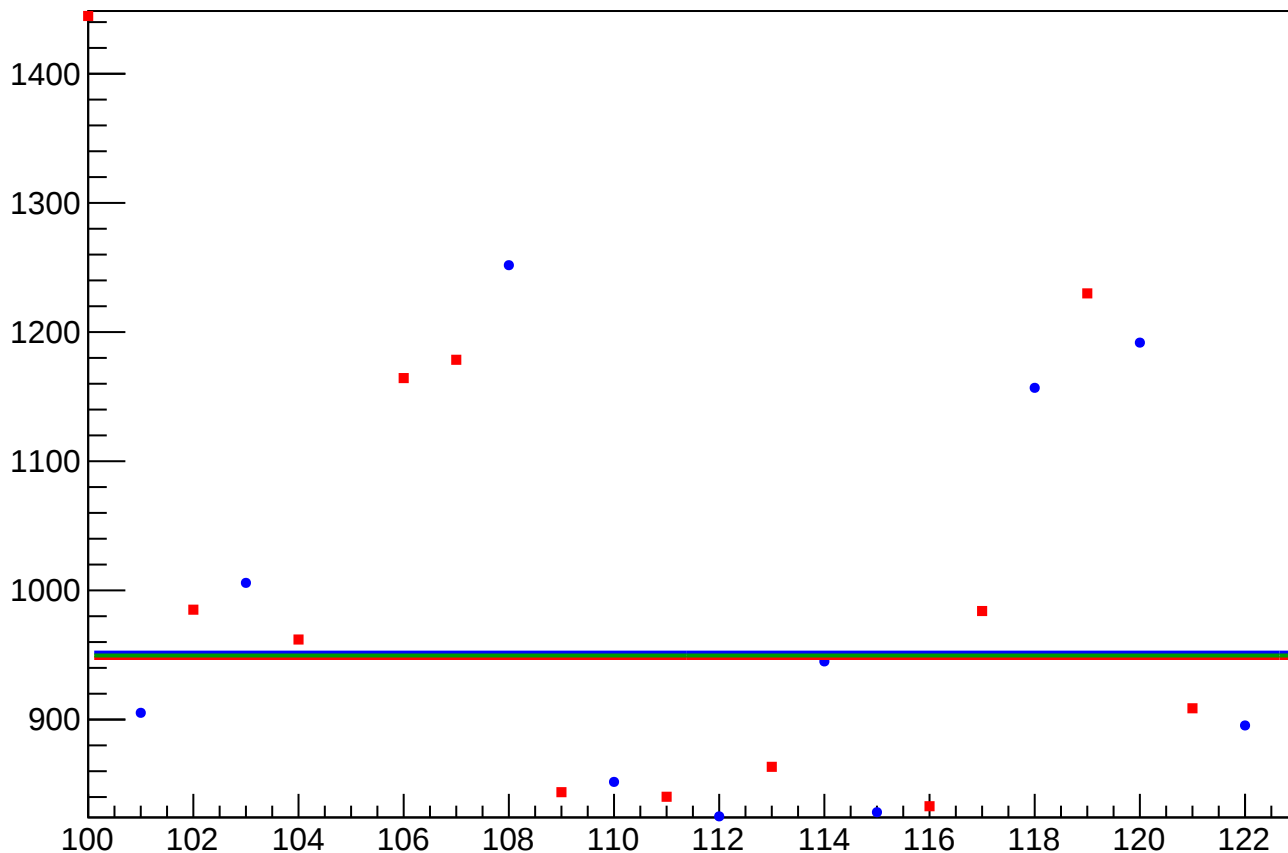
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

36.867+/-492.819 χ^2/NDF : 10.2/10

488.085+/-336.290 χ^2/NDF : 22.8/22

881.280+/-460.042 χ^2/NDF : 11.0/11

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 951.827+/-0.348 χ^2/NDF : 144009.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 947.660+/-0.325 χ^2/NDF : 169483.5/11

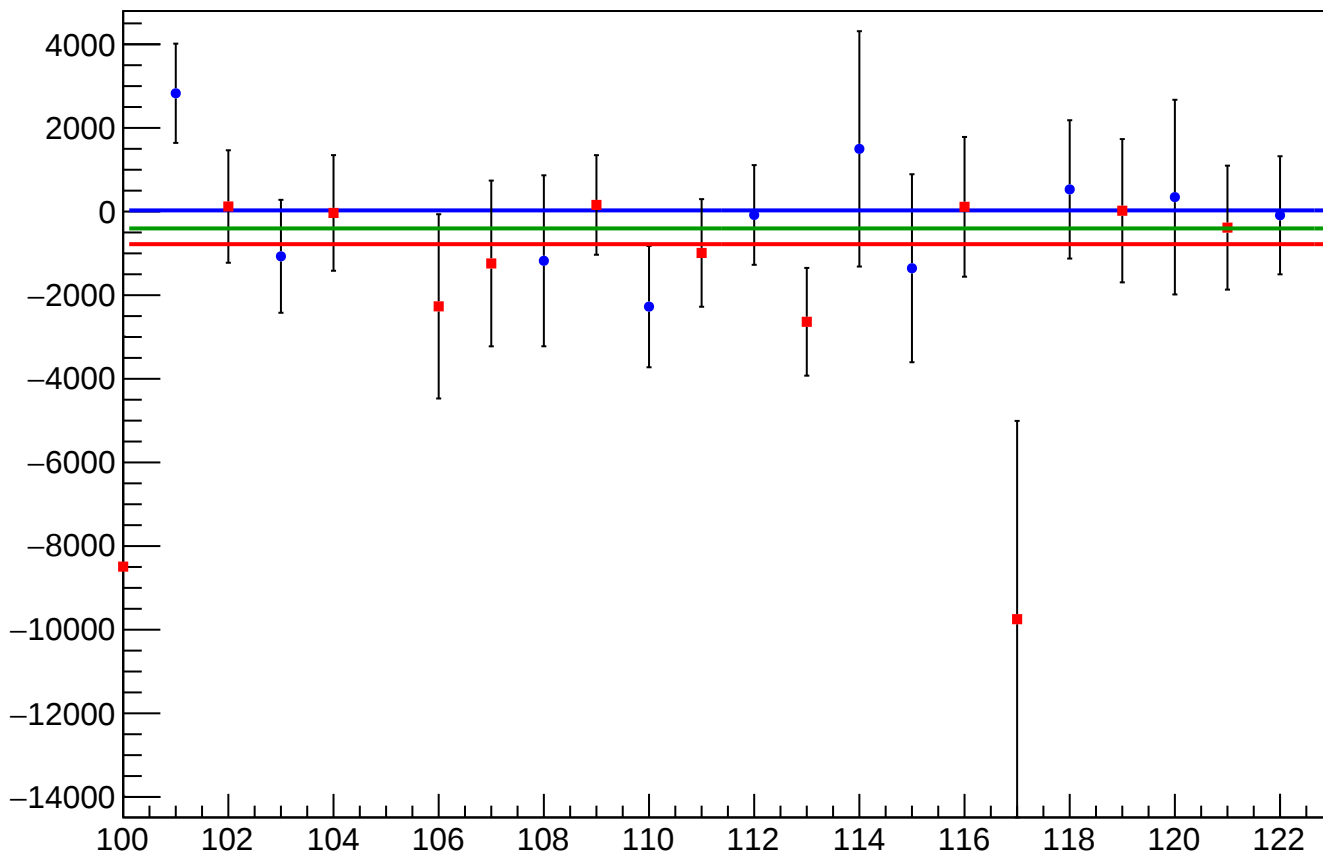
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

951.827+/-0.348 χ^2/NDF : 144009.4/10

949.601+/-0.238 χ^2/NDF : 313569.3/22

947.660+/-0.325 χ^2/NDF : 169483.5/11

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 27.583+/-494.699 χ^2 /NDF: 9.9/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -780.089+/-462.298 χ^2 /NDF: 10.1/11

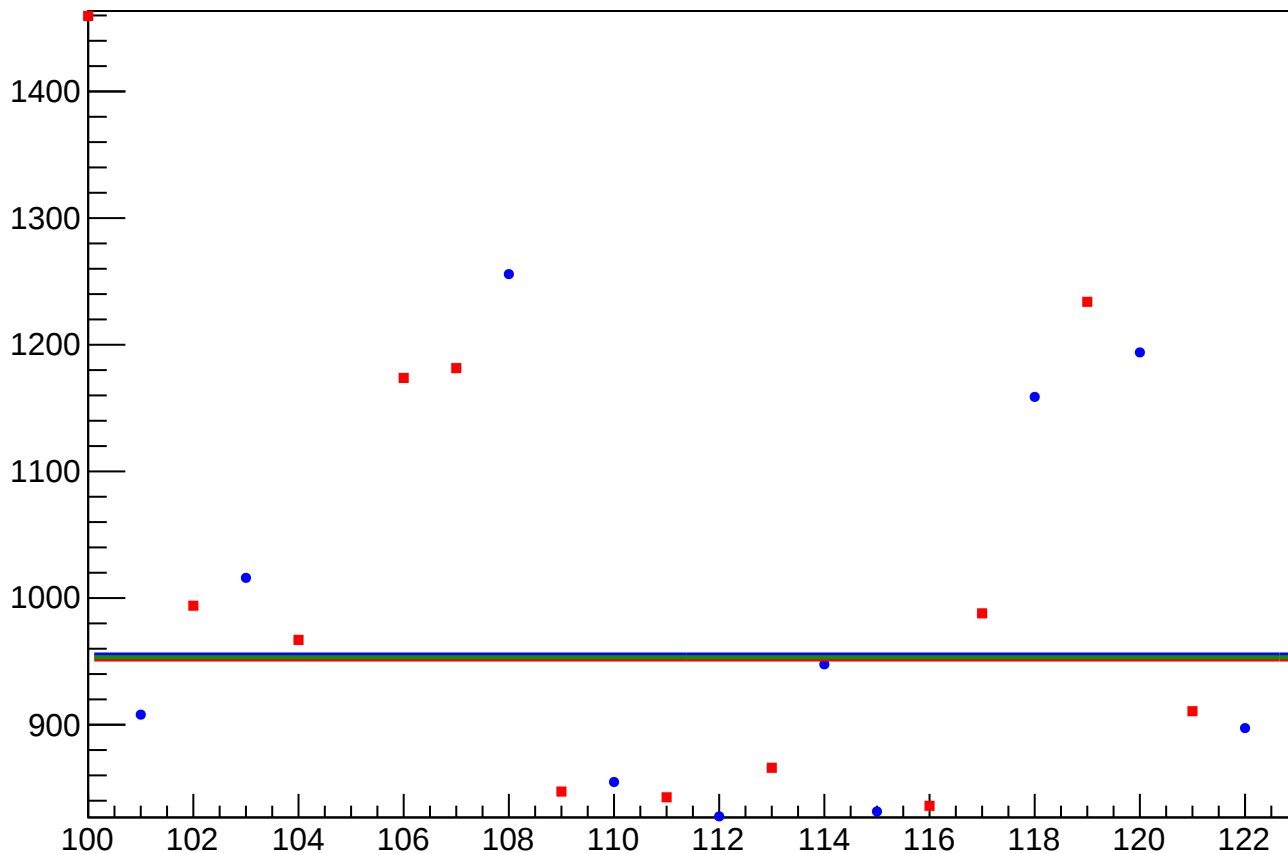
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

27.583+/-494.699 χ^2 /NDF: 9.9/10

-403.567+/-337.768 χ^2 /NDF: 21.4/22

-780.089+/-462.298 χ^2 /NDF: 10.1/11

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 955.444+/-0.350 χ^2/NDF : 144188.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 951.473+/-0.327 χ^2/NDF : 170571.4/11

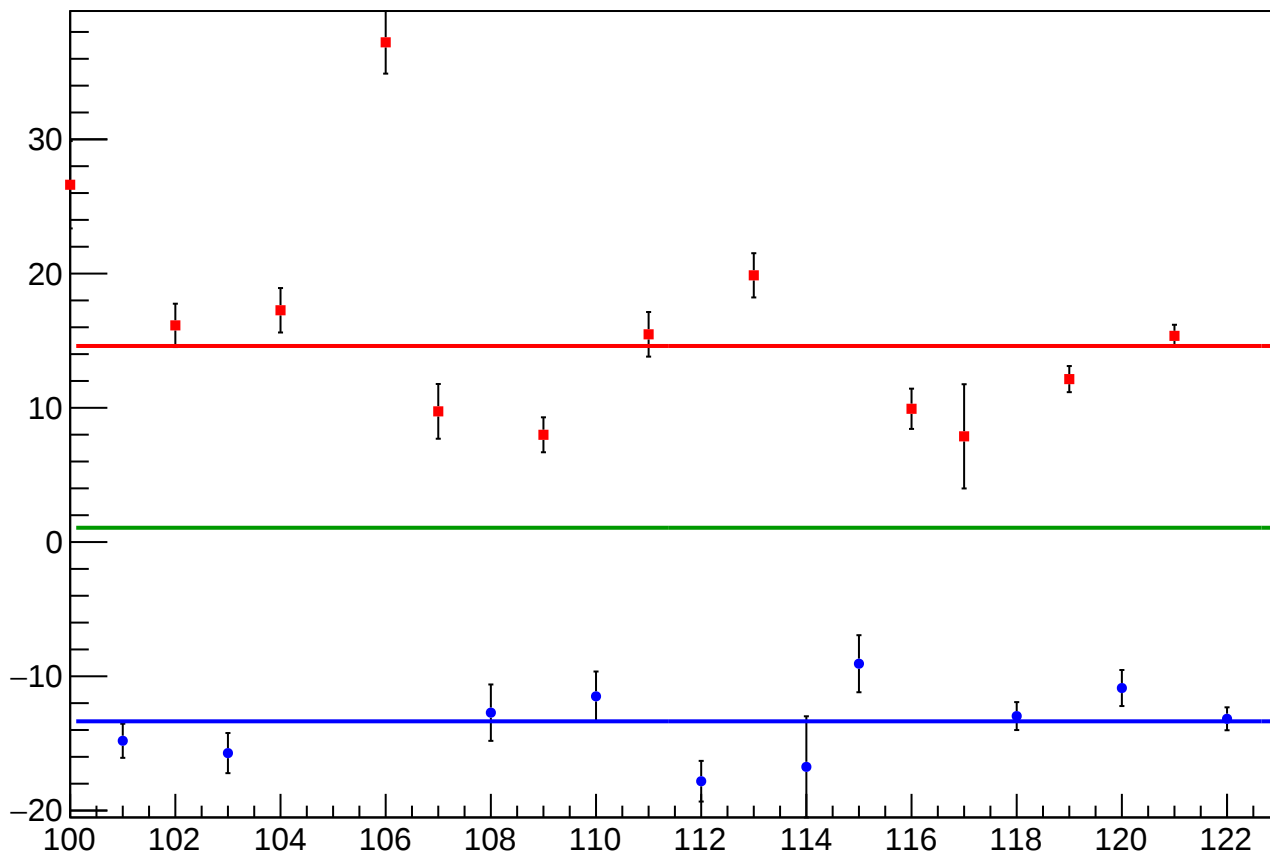
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

955.444+/-0.350 χ^2/NDF : 144188.6/10

953.324+/-0.239 χ^2/NDF : 314828.8/22

951.473+/-0.327 χ^2/NDF : 170571.4/11

reg_asym_sam1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -13.354 ± 0.435 $\chi^2/\text{NDF}: 24.4/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 14.607 ± 0.422 $\chi^2/\text{NDF}: 173.2/11$

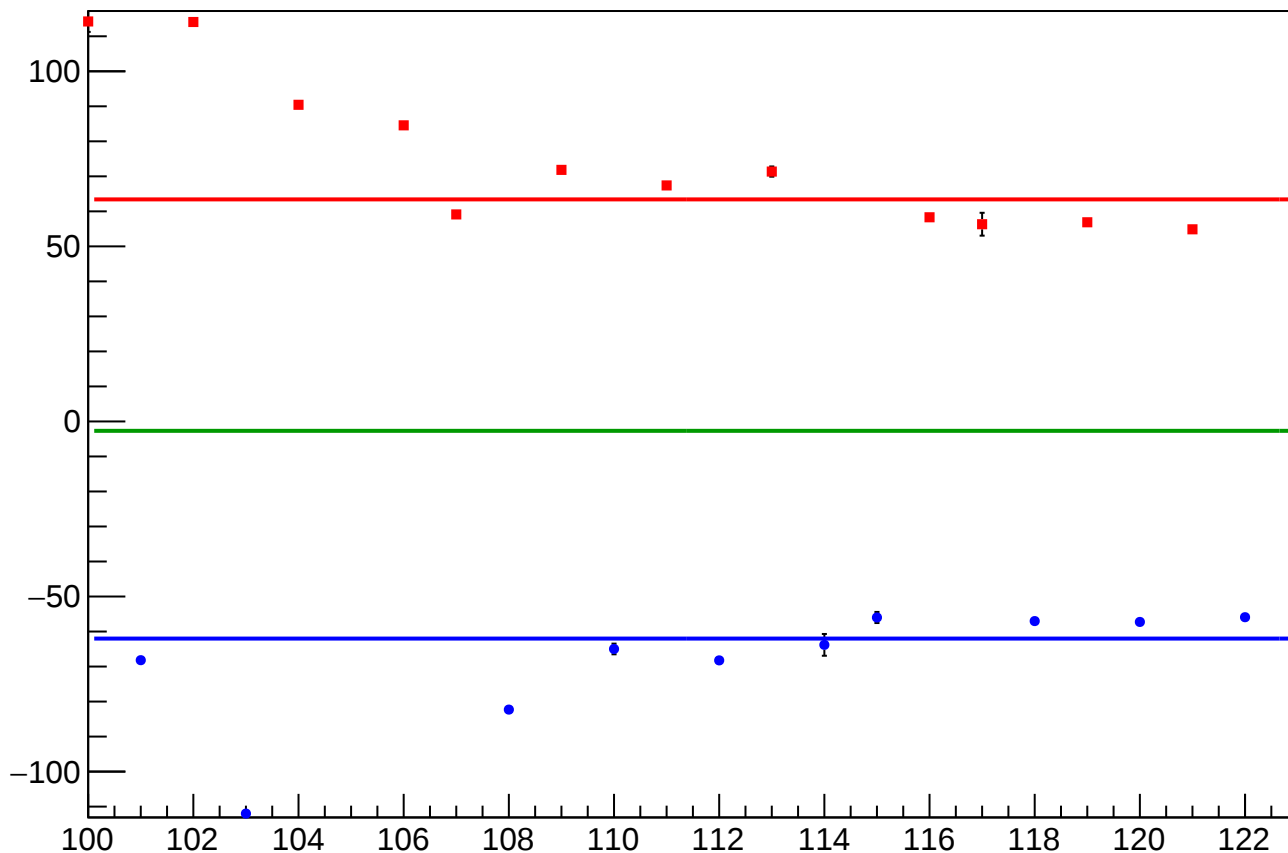
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-13.354 ± 0.435 $\chi^2/\text{NDF}: 24.4/10$

1.066 ± 0.303 $\chi^2/\text{NDF}: 2324.3/22$

14.607 ± 0.422 $\chi^2/\text{NDF}: 173.2/11$

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -62.011 ± 0.229 χ^2/NDF : 2828.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 63.416 ± 0.241 χ^2/NDF : 3835.6/11

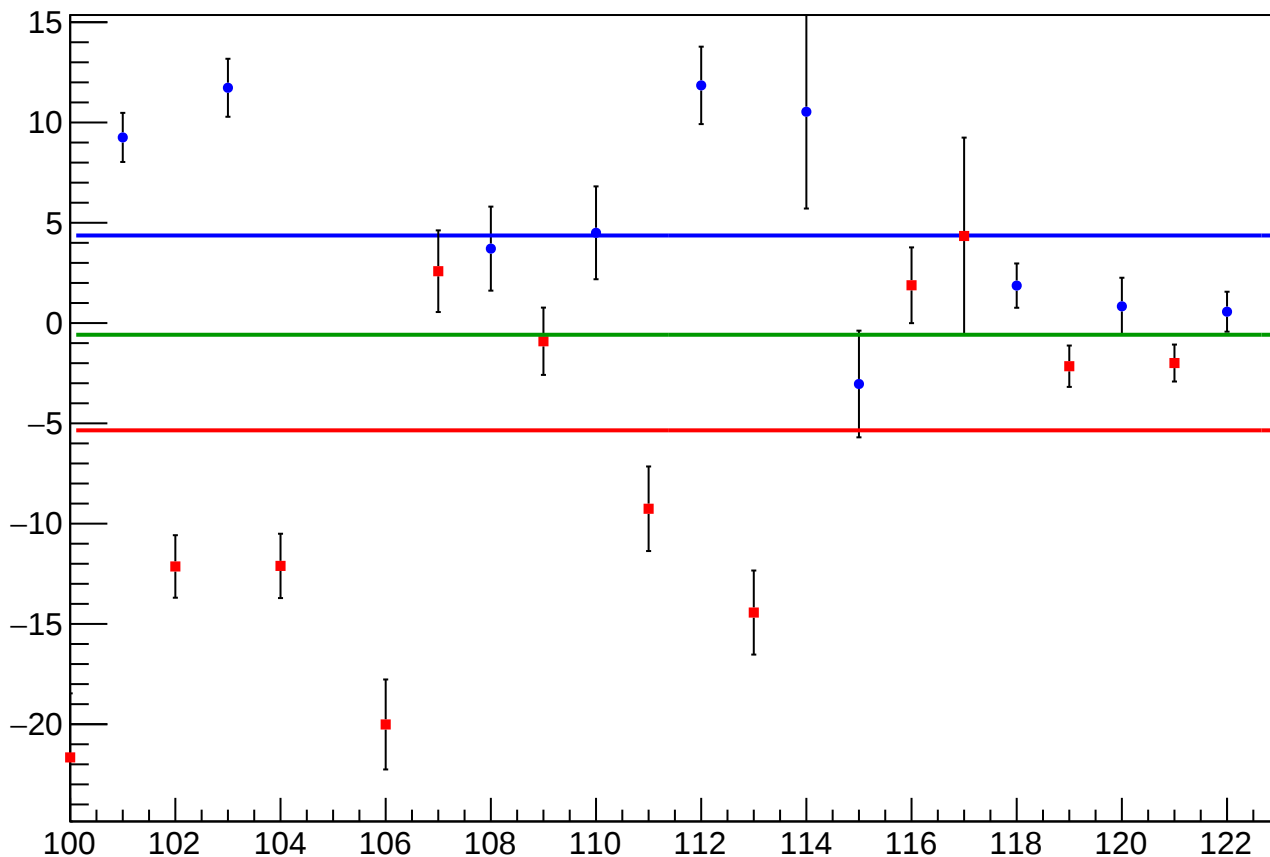
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-62.011 ± 0.229 χ^2/NDF : 2828.0/10

-2.682 ± 0.166 χ^2/NDF : 149053.3/22

63.416 ± 0.241 χ^2/NDF : 3835.6/11

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 4.366 $\pm$ 0.476 χ^2 /NDF: 93.1/10

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

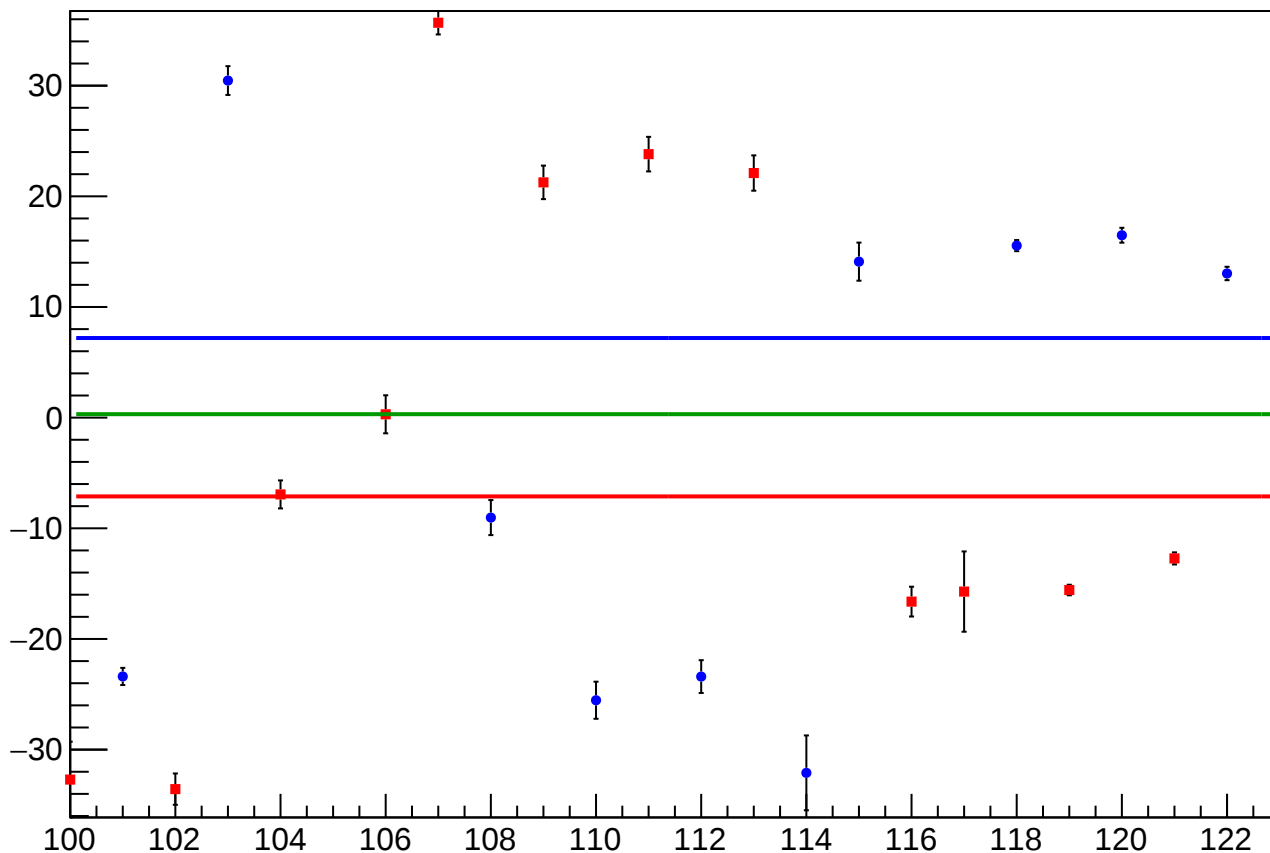
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

4.366 $\pm$ 0.476 χ^2 /NDF: 93.1/10

-0.583 $\pm$ 0.333 χ^2 /NDF: 496.9/22

-5.348 $\pm$ 0.467 χ^2 /NDF: 191.4/11

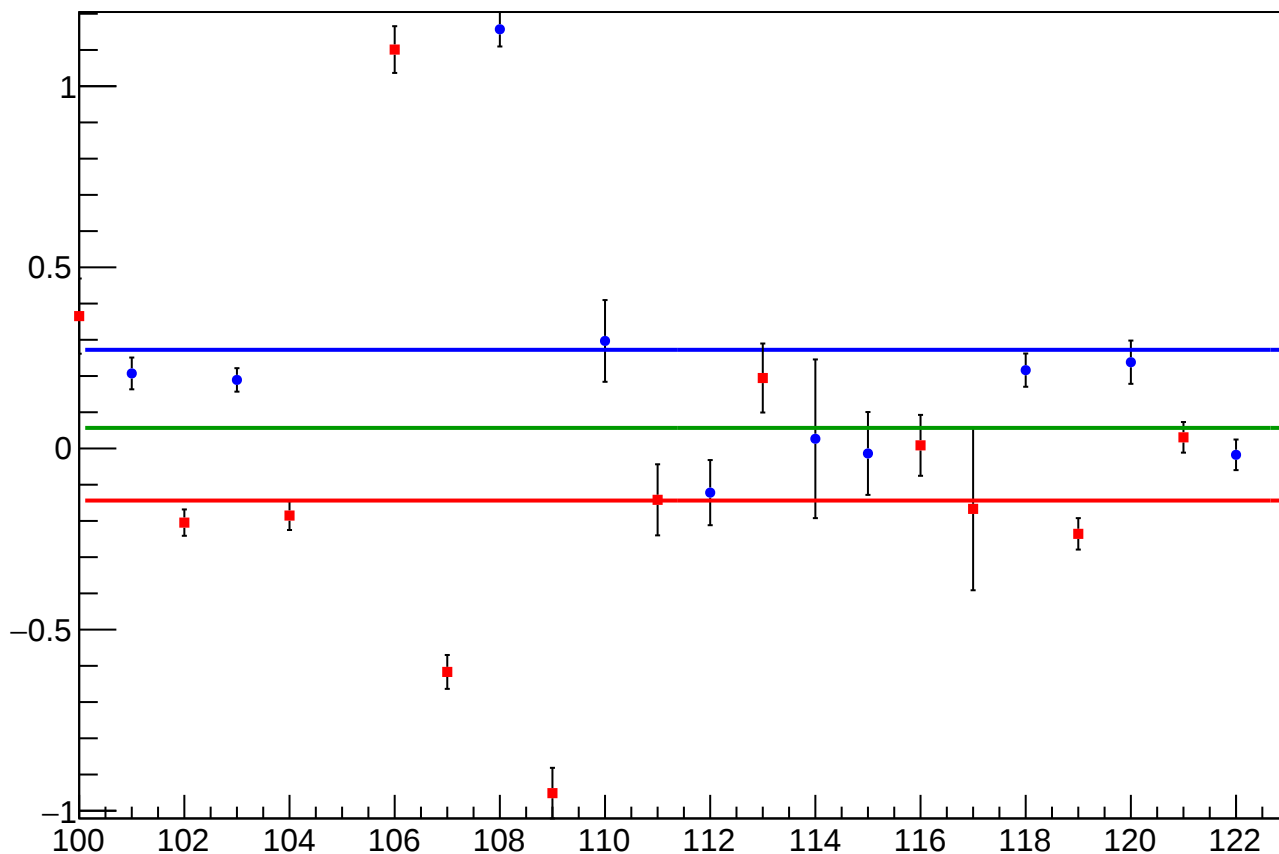
reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.195+/-0.277 χ^2/NDF : 3500.7/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -7.119+/-0.288 χ^2/NDF : 3611.3/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7.195+/-0.277 χ^2/NDF : 3500.7/10
 0.313+/-0.200 χ^2/NDF : 8395.1/22
 -7.119+/-0.288 χ^2/NDF : 3611.3/11

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.272+/-0.017 χ^2/NDF : 431.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.144+/-0.016 χ^2/NDF : 673.6/11

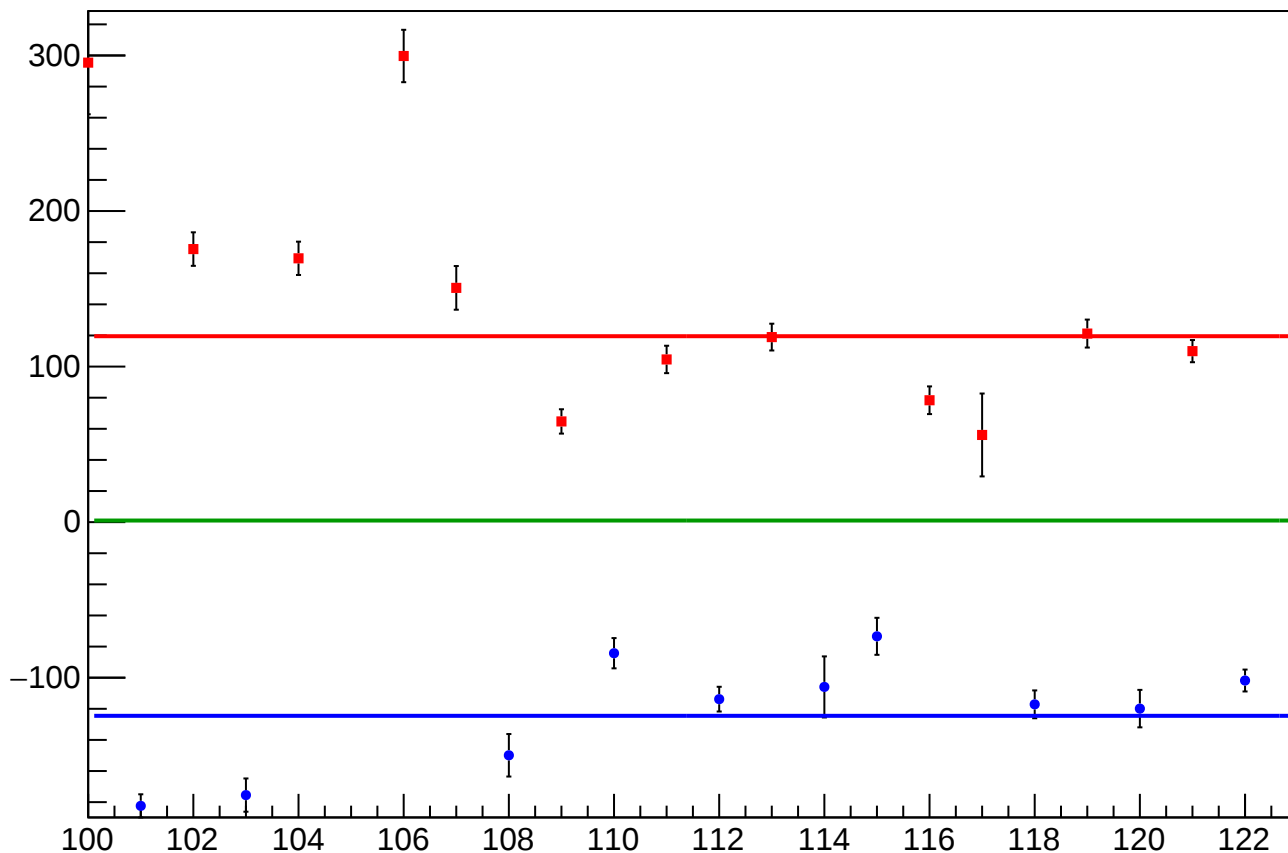
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.272+/-0.017 χ^2/NDF : 431.0/10

0.057+/-0.012 χ^2/NDF : 1425.4/22

-0.144+/-0.016 χ^2/NDF : 673.6/11

reg_asym_sam2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -124.508 $\pm$ 3.027 χ^2 /NDF: 137.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 119.528 $\pm$ 2.941 χ^2 /NDF: 277.1/11

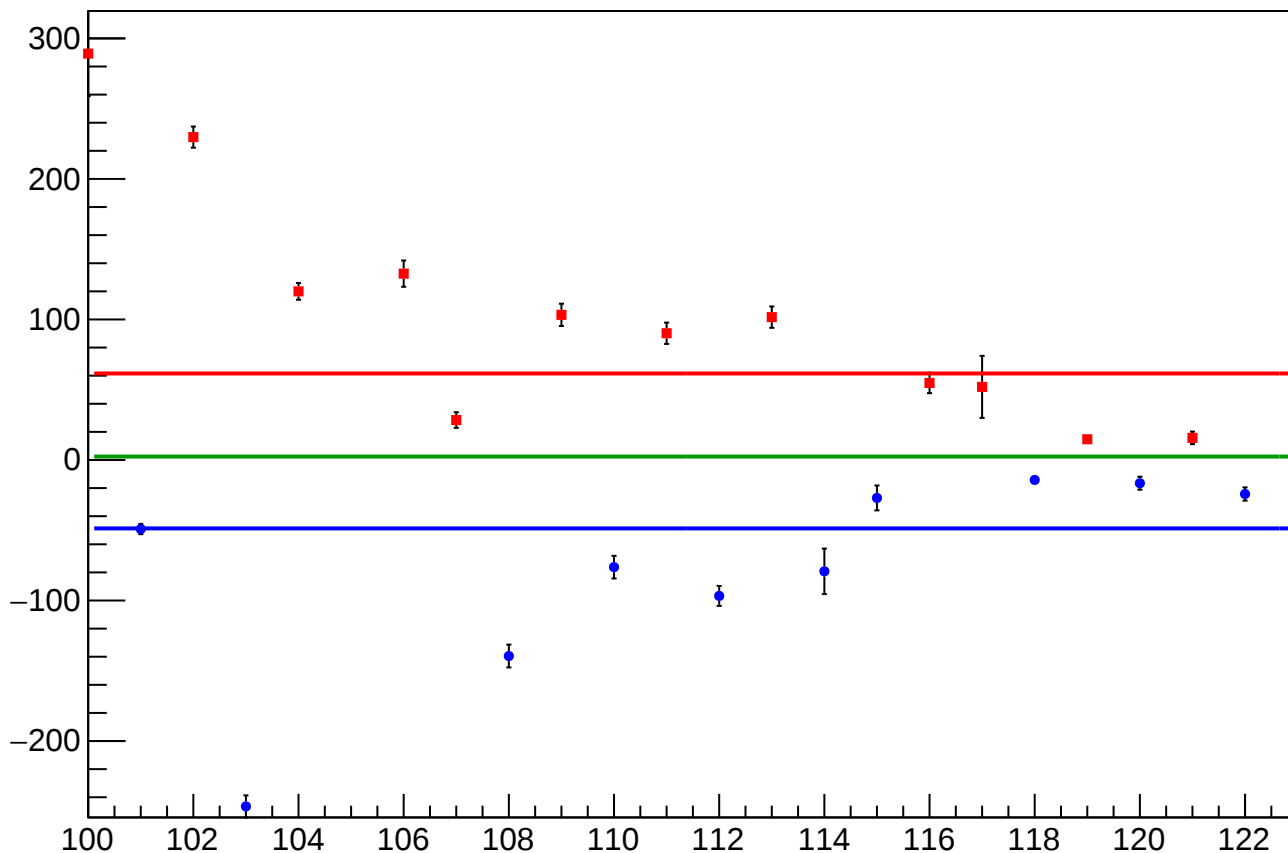
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-124.508 $\pm$ 3.027 χ^2 /NDF: 137.3/10

1.034 $\pm$ 2.110 χ^2 /NDF: 3757.0/22

119.528 $\pm$ 2.941 χ^2 /NDF: 277.1/11

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -48.695 ± 1.705 χ^2/NDF : 1010.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 61.560 ± 1.834 χ^2/NDF : 1106.5/11

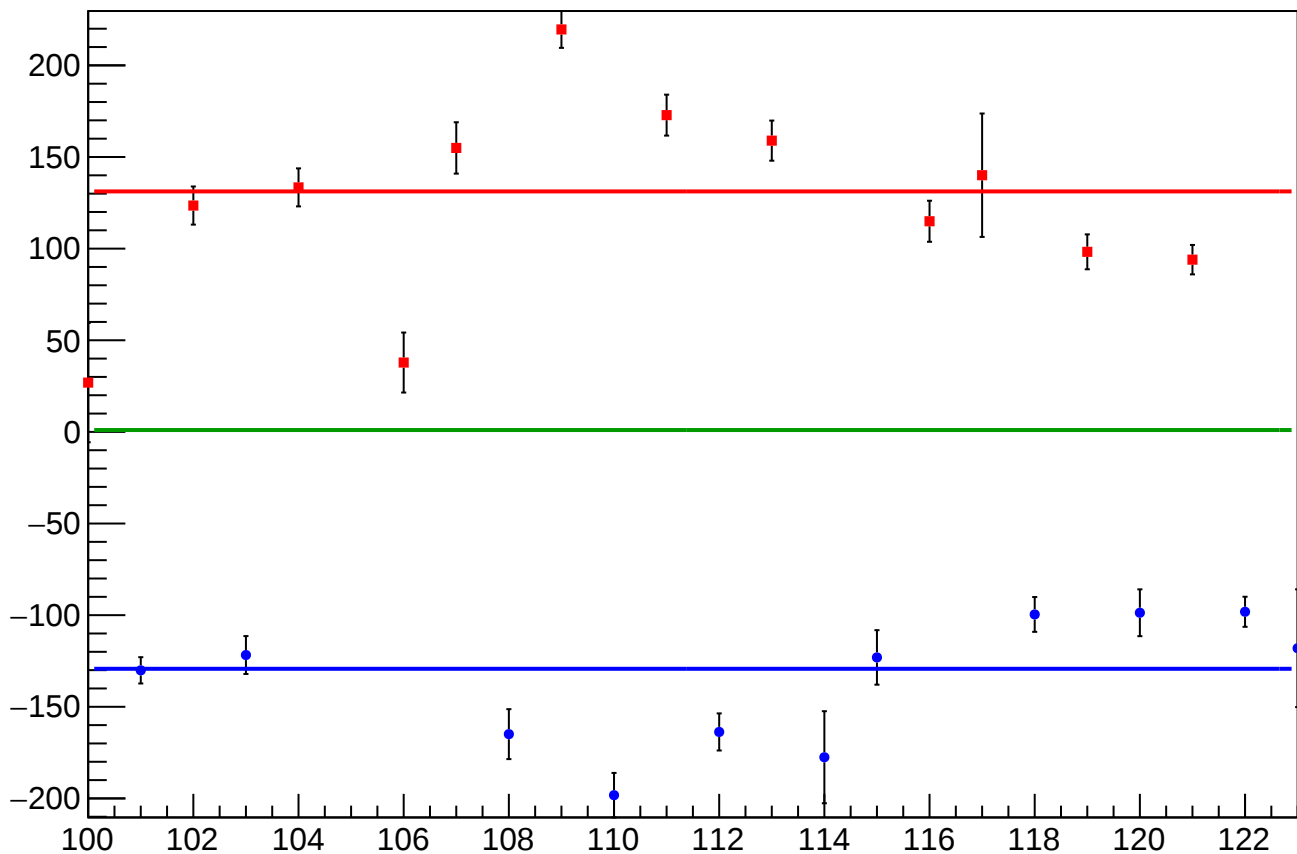
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-48.695 ± 1.705 χ^2/NDF : 1010.8/10

2.441 ± 1.249 χ^2/NDF : 4055.6/22

61.560 ± 1.834 χ^2/NDF : 1106.5/11

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -129.262+/-3.336 χ^2 /NDF: 85.0/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 131.221+/-3.335 χ^2 /NDF: 179.4/11

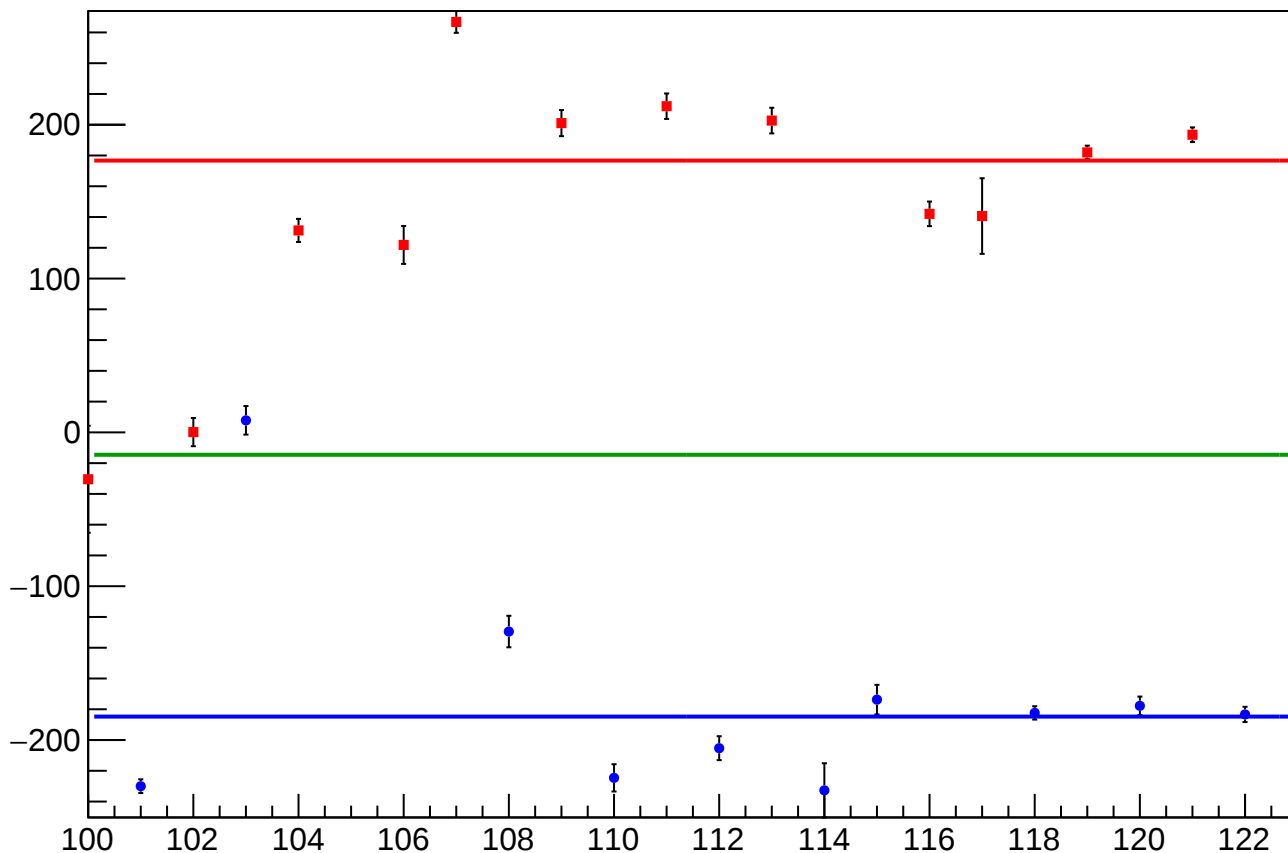
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-129.262+/-3.336 χ^2 /NDF: 85.0/10

1.016+/-2.359 χ^2 /NDF: 3314.0/22

131.221+/-3.335 χ^2 /NDF: 179.4/11

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -184.764 $\pm$ 2.046 χ^2 /NDF: 599.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 176.706 $\pm$ 2.169 χ^2 /NDF: 694.5/11

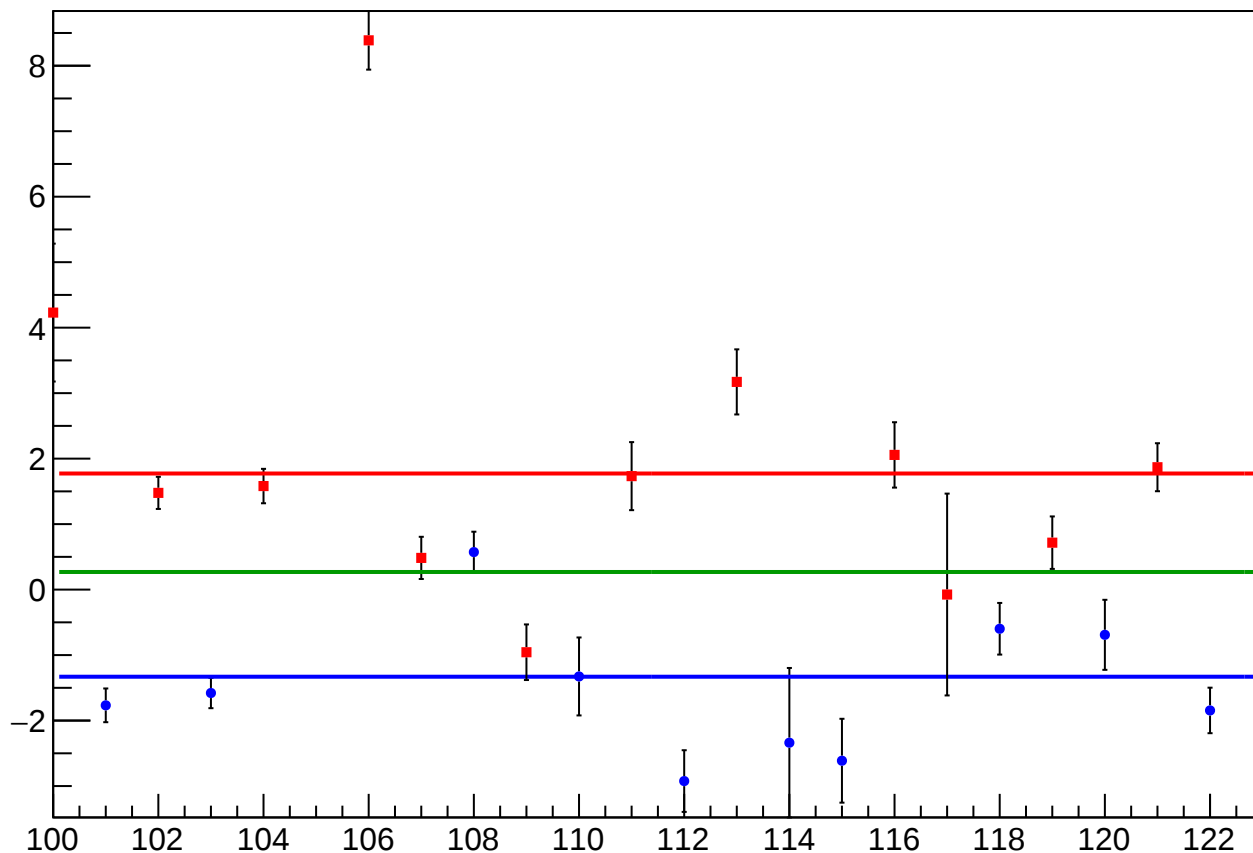
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-184.764 $\pm$ 2.046 χ^2 /NDF: 599.7/10

-14.561 $\pm$ 1.488 χ^2 /NDF: 15988.8/22

176.706 $\pm$ 2.169 χ^2 /NDF: 694.5/11

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.330 ± 0.117 χ^2/NDF : 64.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.773 ± 0.113 χ^2/NDF : 299.9/11

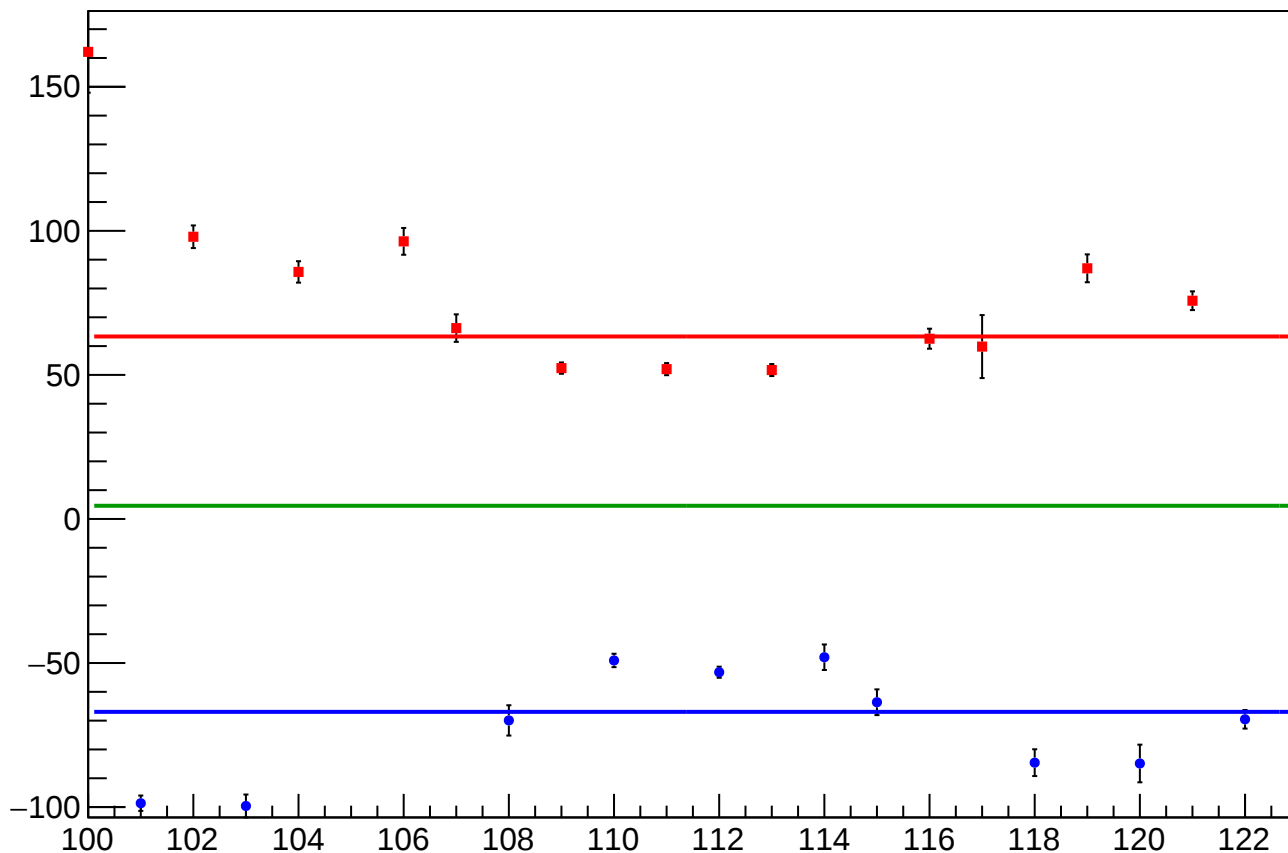
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.330 ± 0.117 χ^2/NDF : 64.8/10

0.269 ± 0.081 χ^2/NDF : 728.8/22

1.773 ± 0.113 χ^2/NDF : 299.9/11

reg_asym_sam3_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -66.950 ± 1.017 χ^2/NDF : 360.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 63.338 ± 0.922 χ^2/NDF : 343.5/11

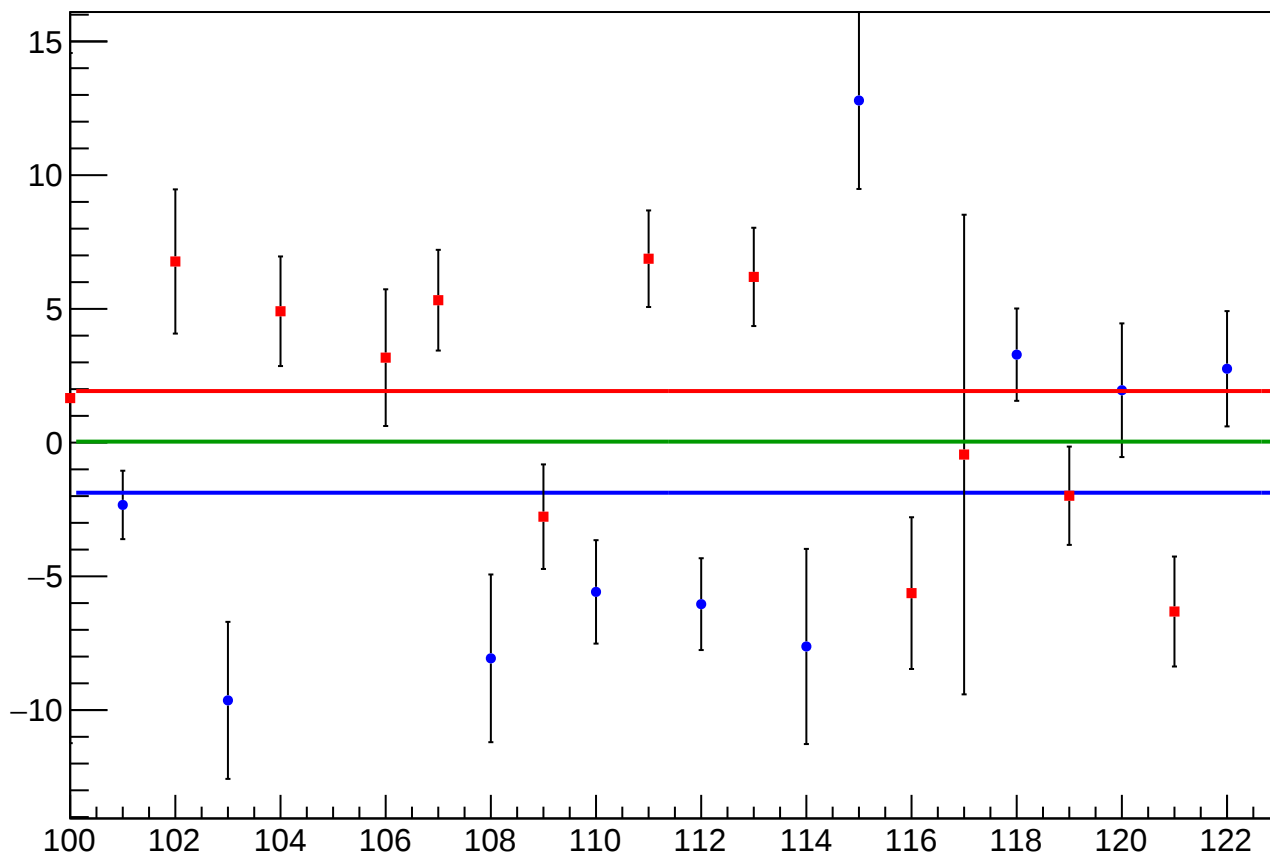
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-66.950 ± 1.017 χ^2/NDF : 360.8/10

4.578 ± 0.683 χ^2/NDF : 9713.3/22

63.338 ± 0.922 χ^2/NDF : 343.5/11

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.873+/-0.656 χ^2/NDF : 58.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.928+/-0.652 χ^2/NDF : 55.3/11

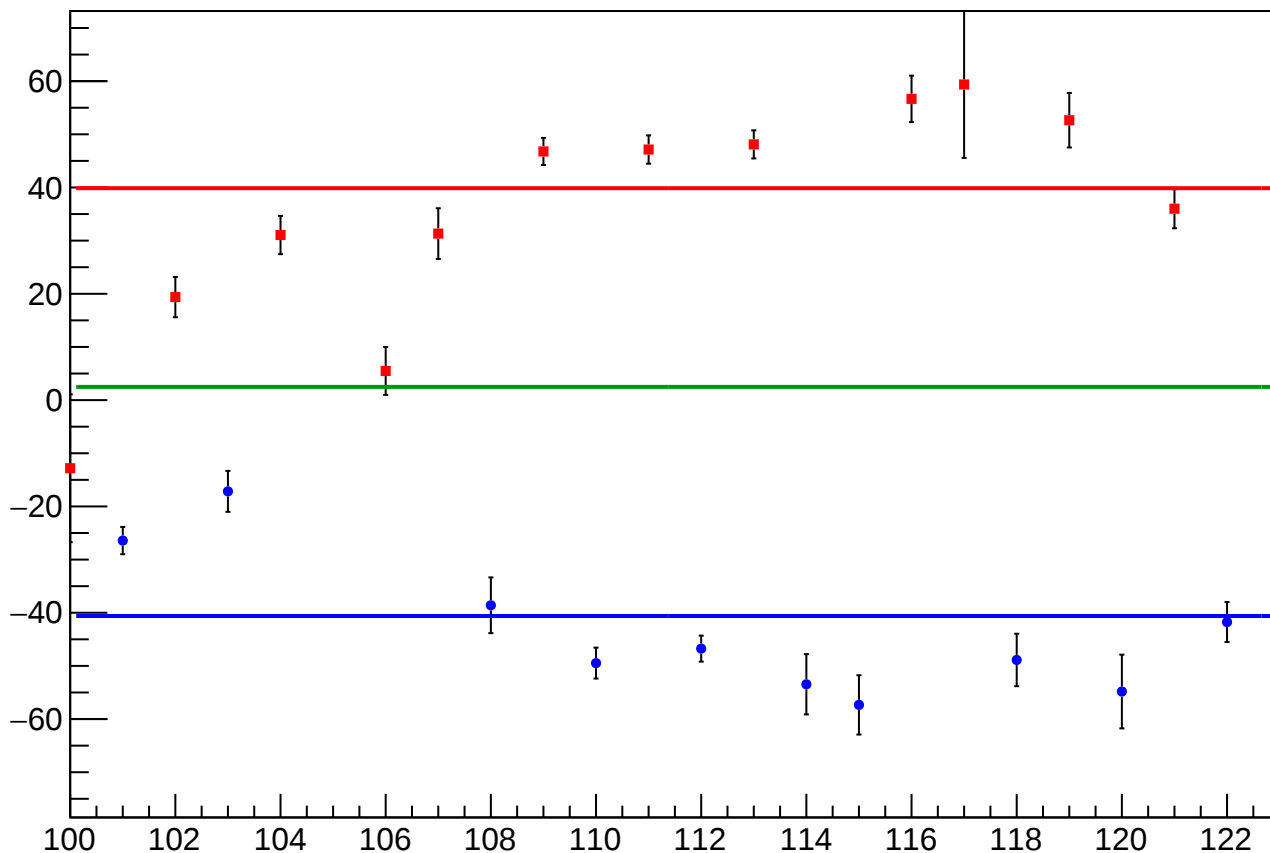
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.873+/-0.656 χ^2/NDF : 58.8/10

0.038+/-0.462 χ^2/NDF : 130.9/22

1.928+/-0.652 χ^2/NDF : 55.3/11

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -40.609 ± 1.162 χ^2/NDF : 106.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 39.869 ± 1.083 χ^2/NDF : 159.7/11

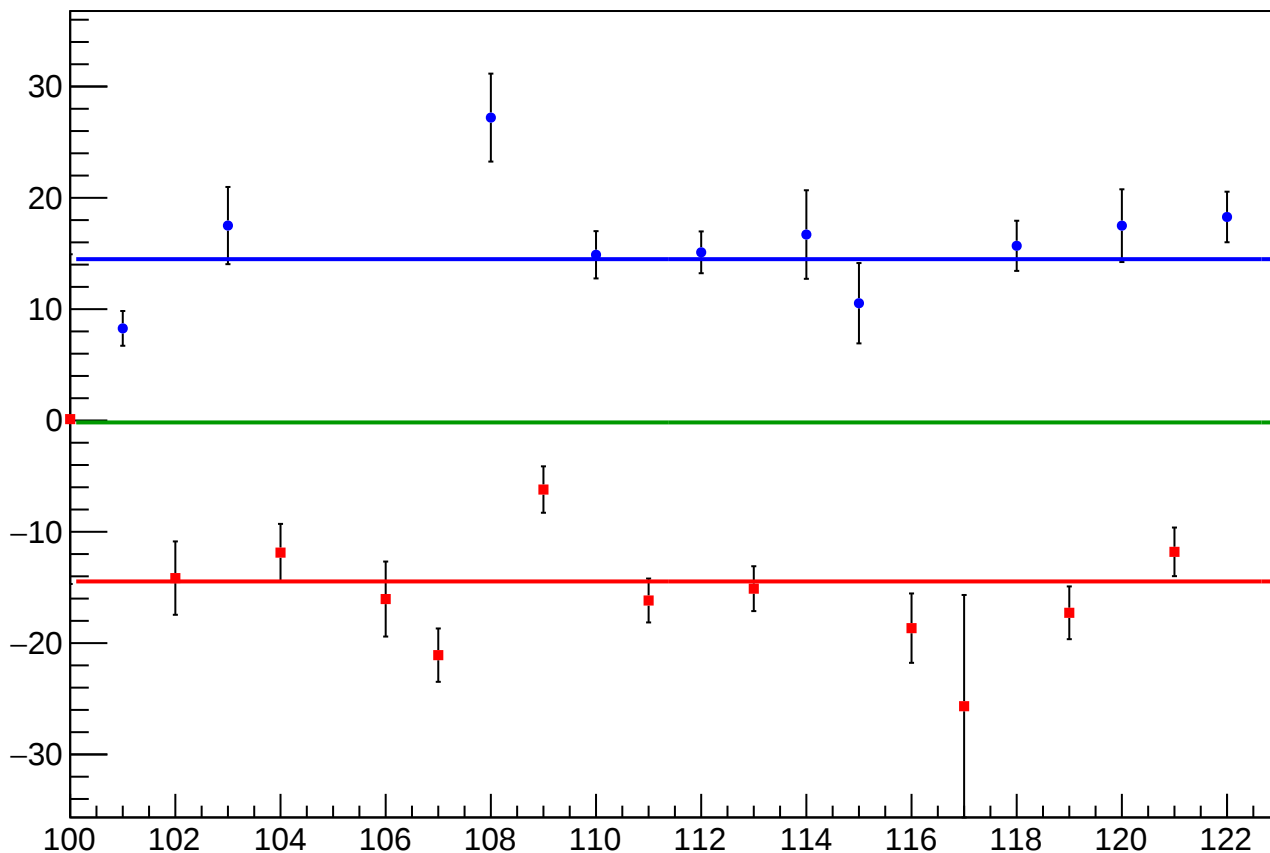
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-40.609 ± 1.162 χ^2/NDF : 106.2/10

2.488 ± 0.792 χ^2/NDF : 2832.6/22

39.869 ± 1.083 χ^2/NDF : 159.7/11

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 14.491±0.767 χ^2 /NDF: 34.2/10

Left Out: 0.000±0.000 χ^2 /NDF: 0.0/0

Right Out: -14.459±0.757 χ^2 /NDF: 32.3/11

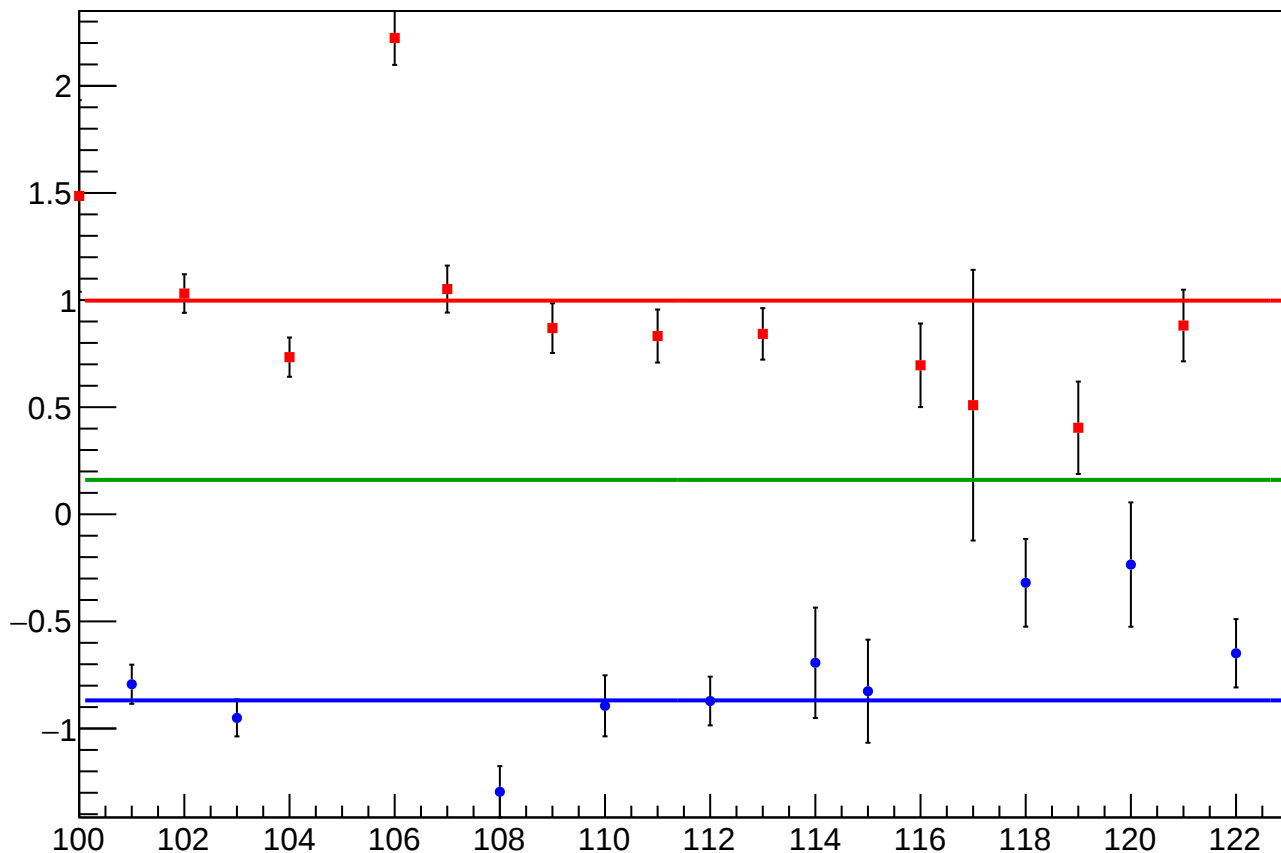
Left In: 0.000±0.000 χ^2 /NDF: 0.0/0

14.491±0.767 χ^2 /NDF: 34.2/10

-0.176±0.539 χ^2 /NDF: 787.5/22

-14.459±0.757 χ^2 /NDF: 32.3/11

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.869+/-0.042 χ^2/NDF : 28.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.998+/-0.038 χ^2/NDF : 120.7/11

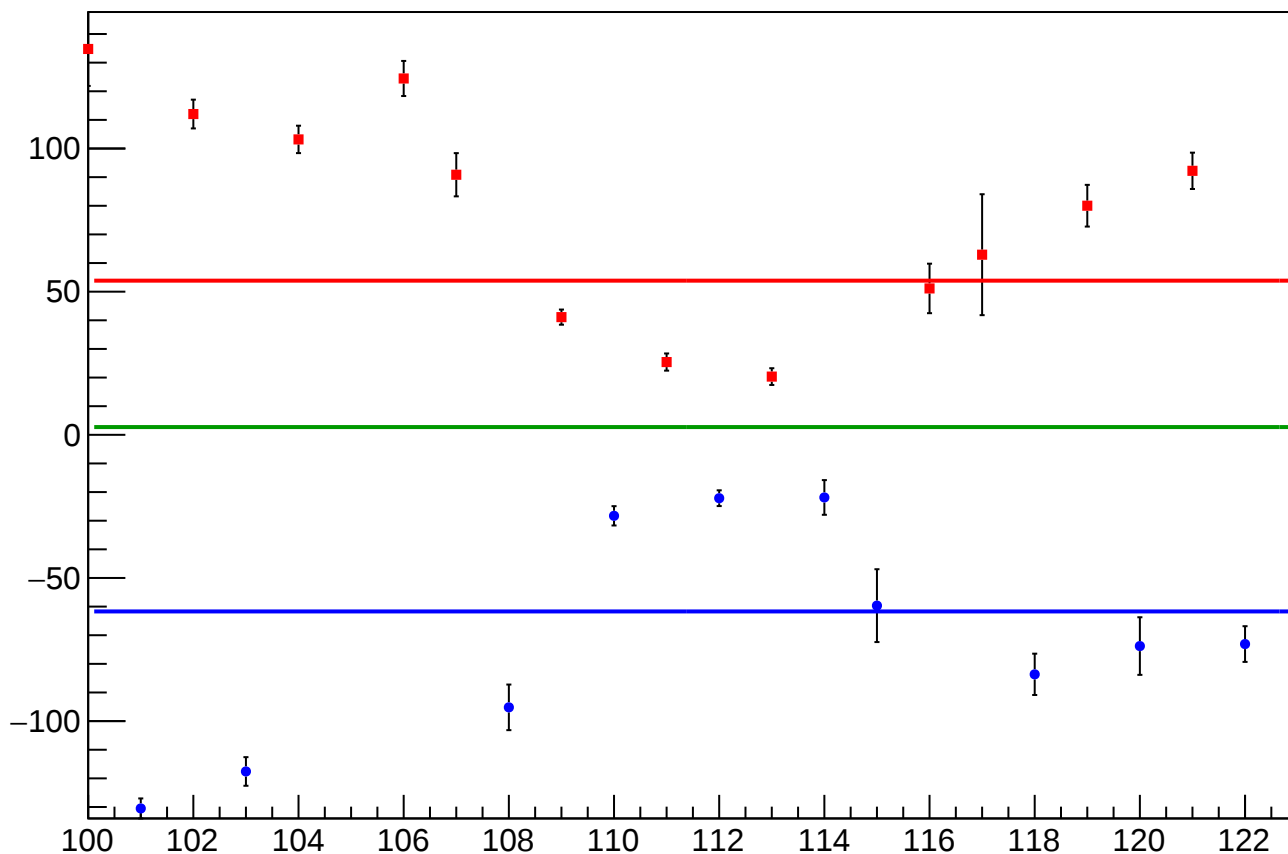
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.869+/-0.042 χ^2/NDF : 28.8/10

0.161+/-0.028 χ^2/NDF : 1225.3/22

0.998+/-0.038 χ^2/NDF : 120.7/11

reg_asym_sam4_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -61.690 $\pm$ 1.495 χ^2 /NDF: 892.4/10

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

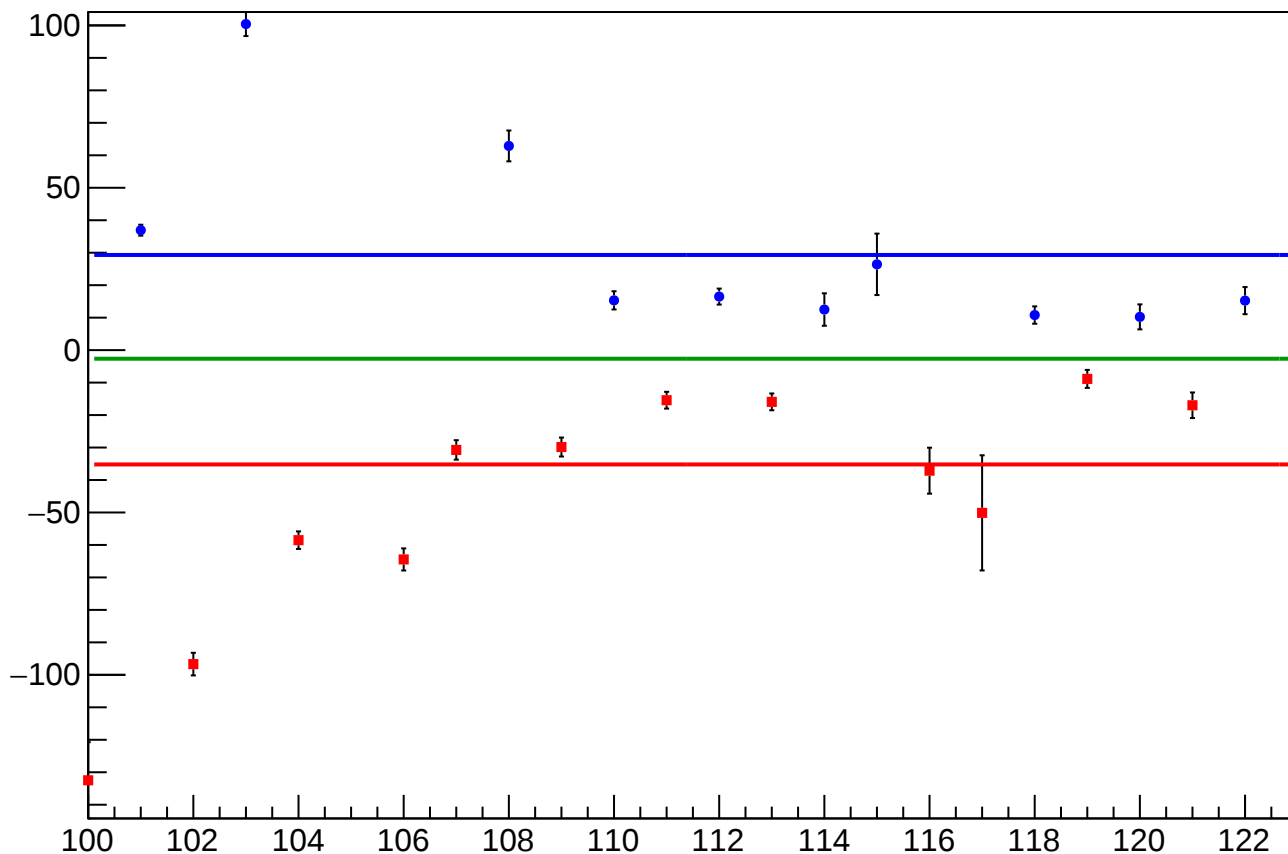
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-61.690 $\pm$ 1.495 χ^2 /NDF: 892.4/10

2.709 $\pm$ 0.994 χ^2 /NDF: 4953.5/22

53.848 $\pm$ 1.332 χ^2 /NDF: 730.6/11

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 29.306+/-0.963 χ^2 /NDF: 587.1/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -35.207+/-0.972 χ^2 /NDF: 760.9/11

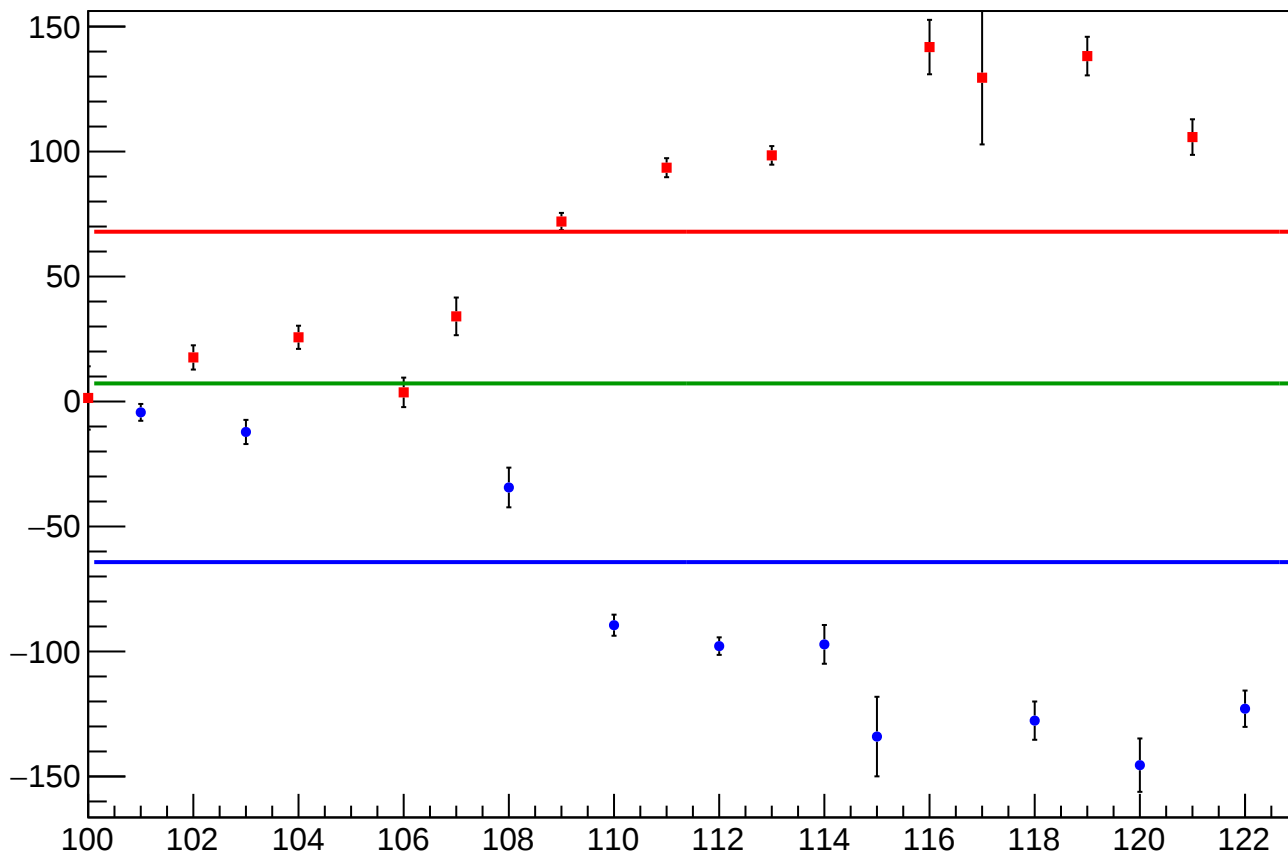
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

29.306+/-0.963 χ^2 /NDF: 587.1/10

-2.645+/-0.684 χ^2 /NDF: 3572.7/22

-35.207+/-0.972 χ^2 /NDF: 760.9/11

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -64.248+/-1.688 χ^2/NDF : 810.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.928+/-1.555 χ^2/NDF : 633.6/11

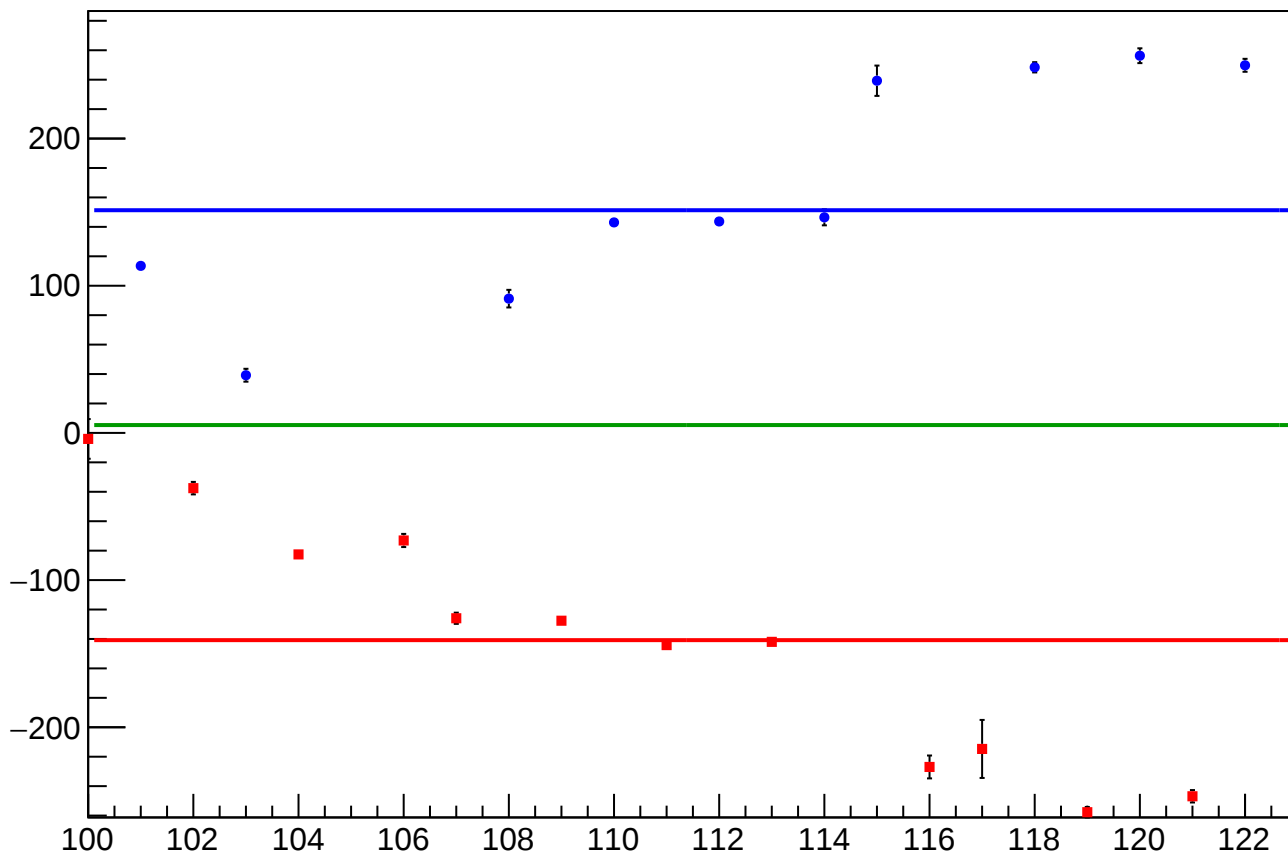
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-64.248+/-1.688 χ^2/NDF : 810.4/10

7.233+/-1.144 χ^2/NDF : 4760.0/22

67.928+/-1.555 χ^2/NDF : 633.6/11

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 151.309+/-1.133 χ^2/NDF : 2949.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -140.802+/-1.133 χ^2/NDF : 3096.5/11

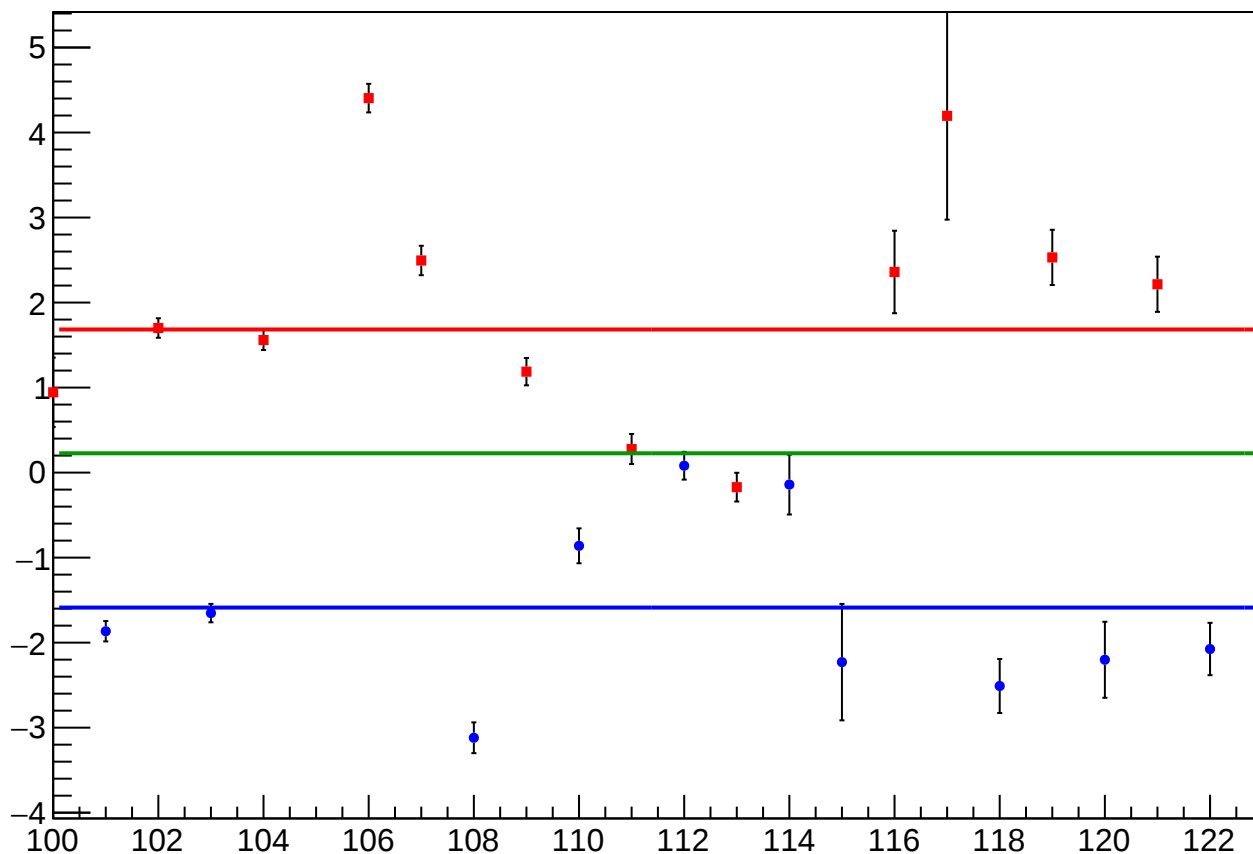
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

151.309+/-1.133 χ^2/NDF : 2949.8/10

5.336+/-0.801 χ^2/NDF : 39278.6/22

-140.802+/-1.133 χ^2/NDF : 3096.5/11

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.587+/-0.059 χ^2/NDF : 226.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.683+/-0.053 χ^2/NDF : 497.5/11

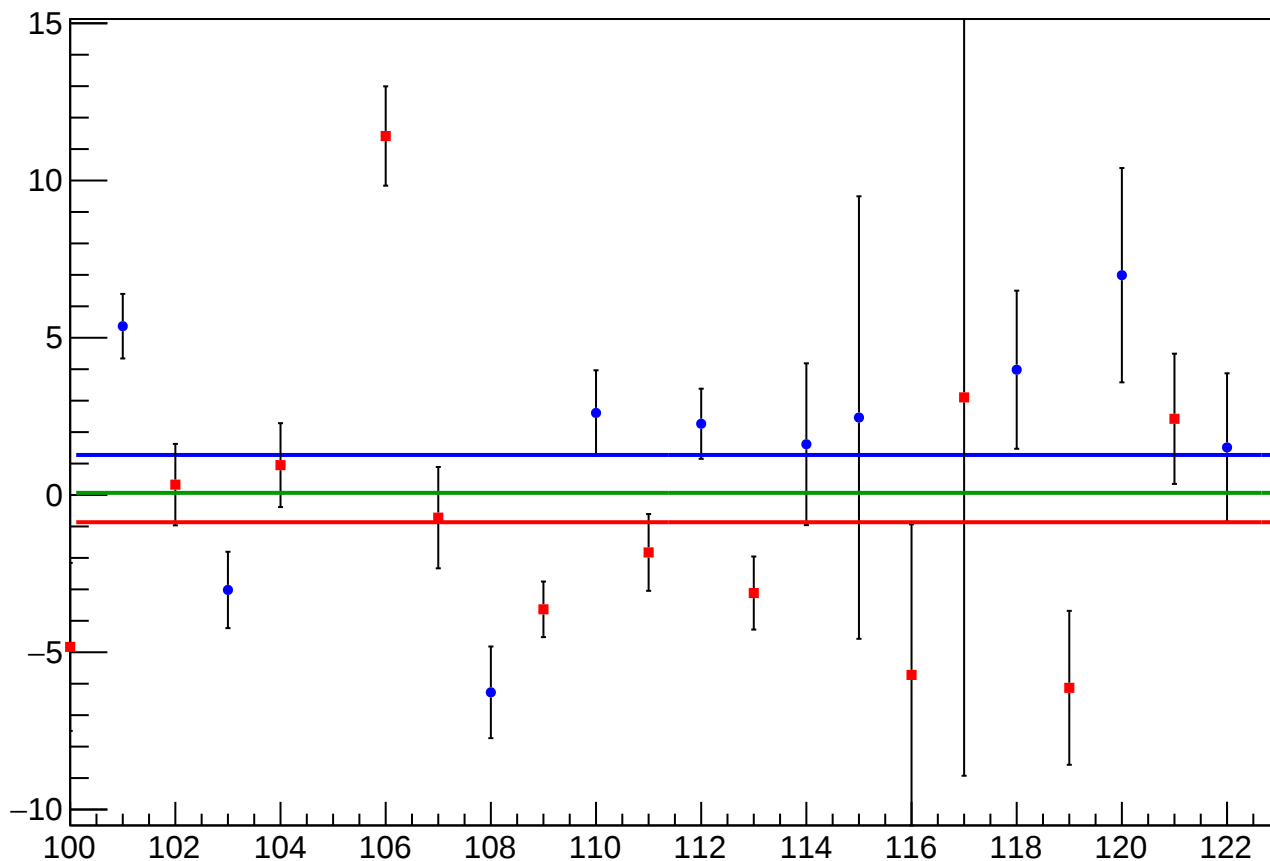
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.587+/-0.059 χ^2/NDF : 226.2/10

0.227+/-0.040 χ^2/NDF : 2404.9/22

1.683+/-0.053 χ^2/NDF : 497.5/11

reg_asym_sam5_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.274+/-0.497 χ^2/NDF : 61.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.865+/-0.437 χ^2/NDF : 87.9/11

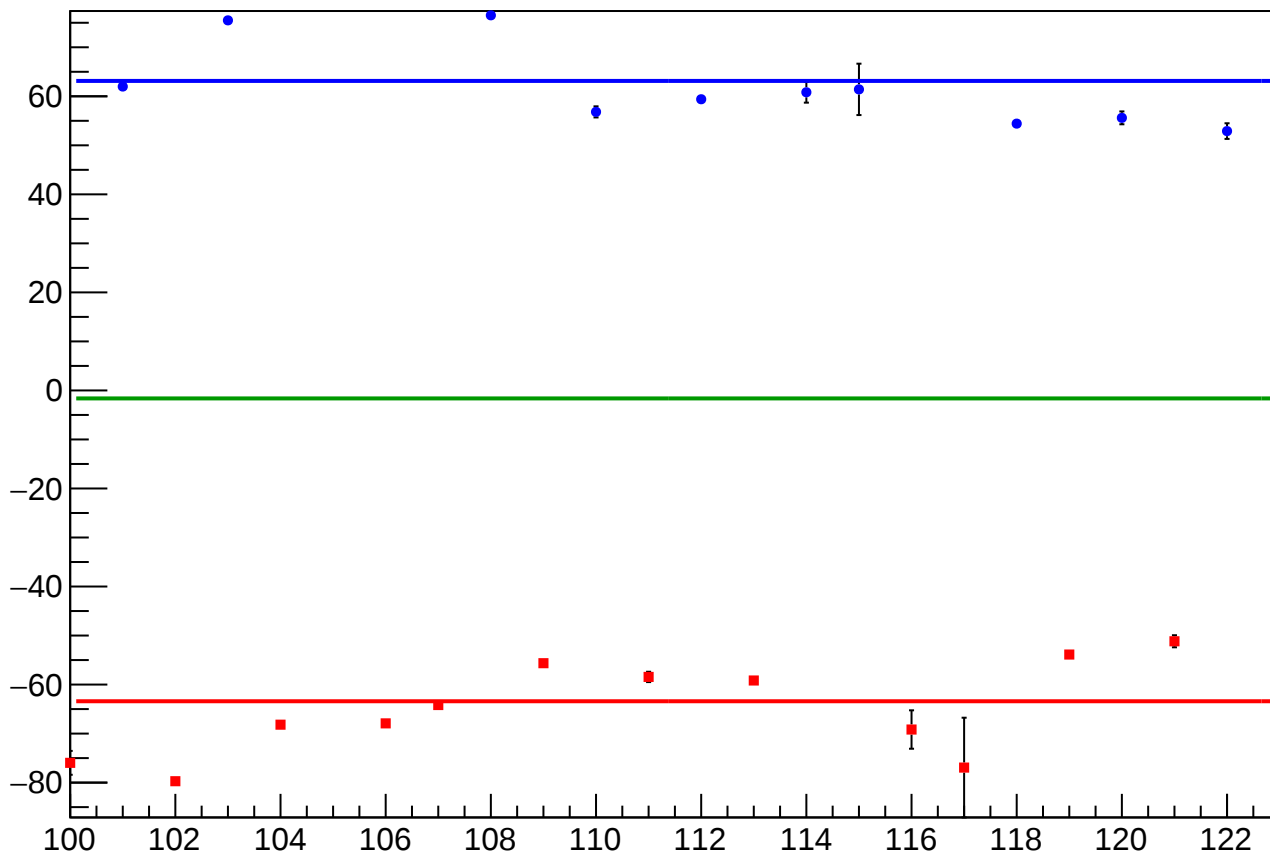
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.274+/-0.497 χ^2/NDF : 61.1/10

0.069+/-0.328 χ^2/NDF : 159.4/22

-0.865+/-0.437 χ^2/NDF : 87.9/11

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 63.137+/-0.306 χ^2/NDF : 635.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -63.403+/-0.299 χ^2/NDF : 699.9/11

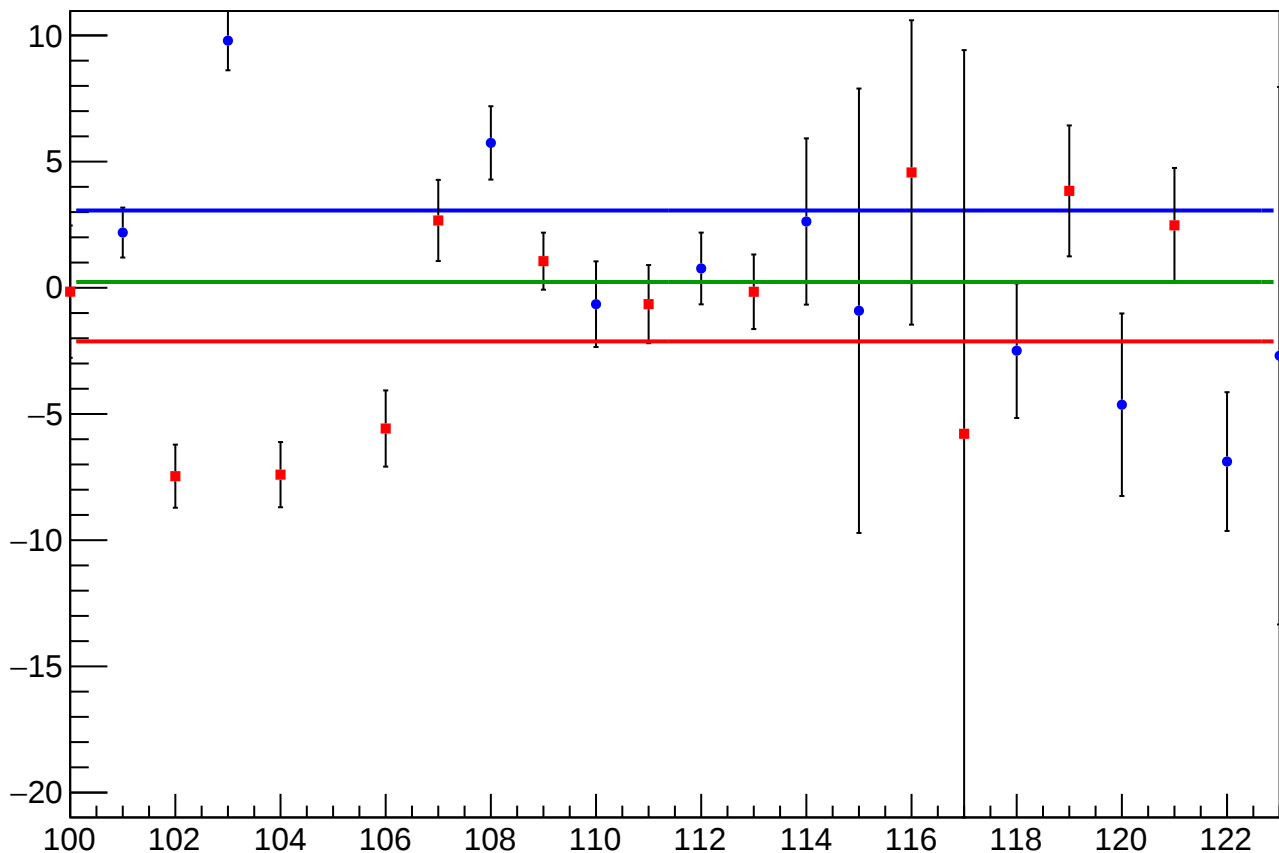
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

63.137+/-0.306 χ^2/NDF : 635.0/10

-1.630+/-0.214 χ^2/NDF : 88884.1/22

-63.403+/-0.299 χ^2/NDF : 699.9/11

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.063+/-0.532 χ^2/NDF : 66.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.124+/-0.485 χ^2/NDF : 70.9/11

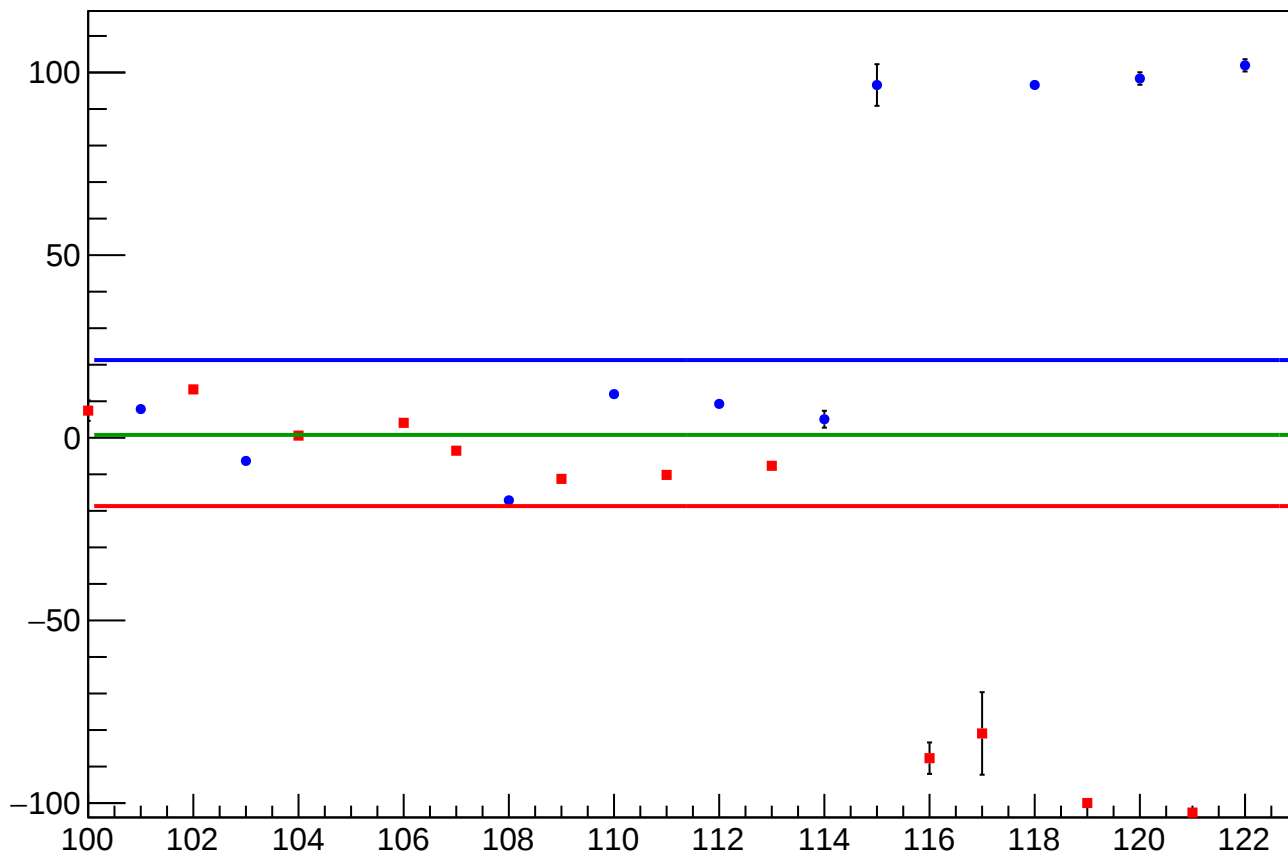
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.063+/-0.532 χ^2/NDF : 66.9/10

0.231+/-0.359 χ^2/NDF : 189.6/22

-2.124+/-0.485 χ^2/NDF : 70.9/11

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 21.274+/-0.366 χ^2/NDF : 11157.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.695+/-0.357 χ^2/NDF : 10989.8/11

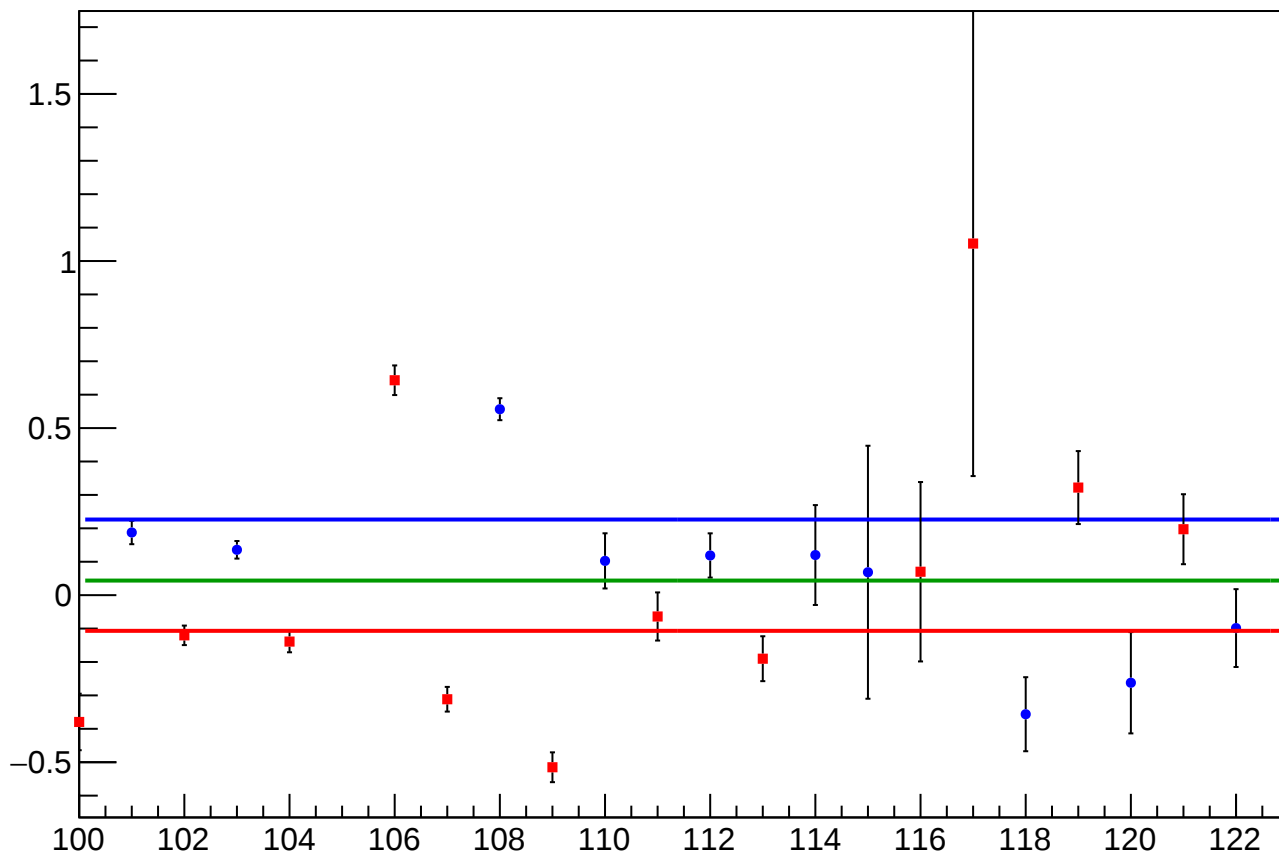
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

21.274+/-0.366 χ^2/NDF : 11157.2/10

0.791+/-0.255 χ^2/NDF : 28271.2/22

-18.695+/-0.357 χ^2/NDF : 10989.8/11

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.226+/-0.016 χ^2/NDF : 166.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.107+/-0.015 χ^2/NDF : 441.1/11

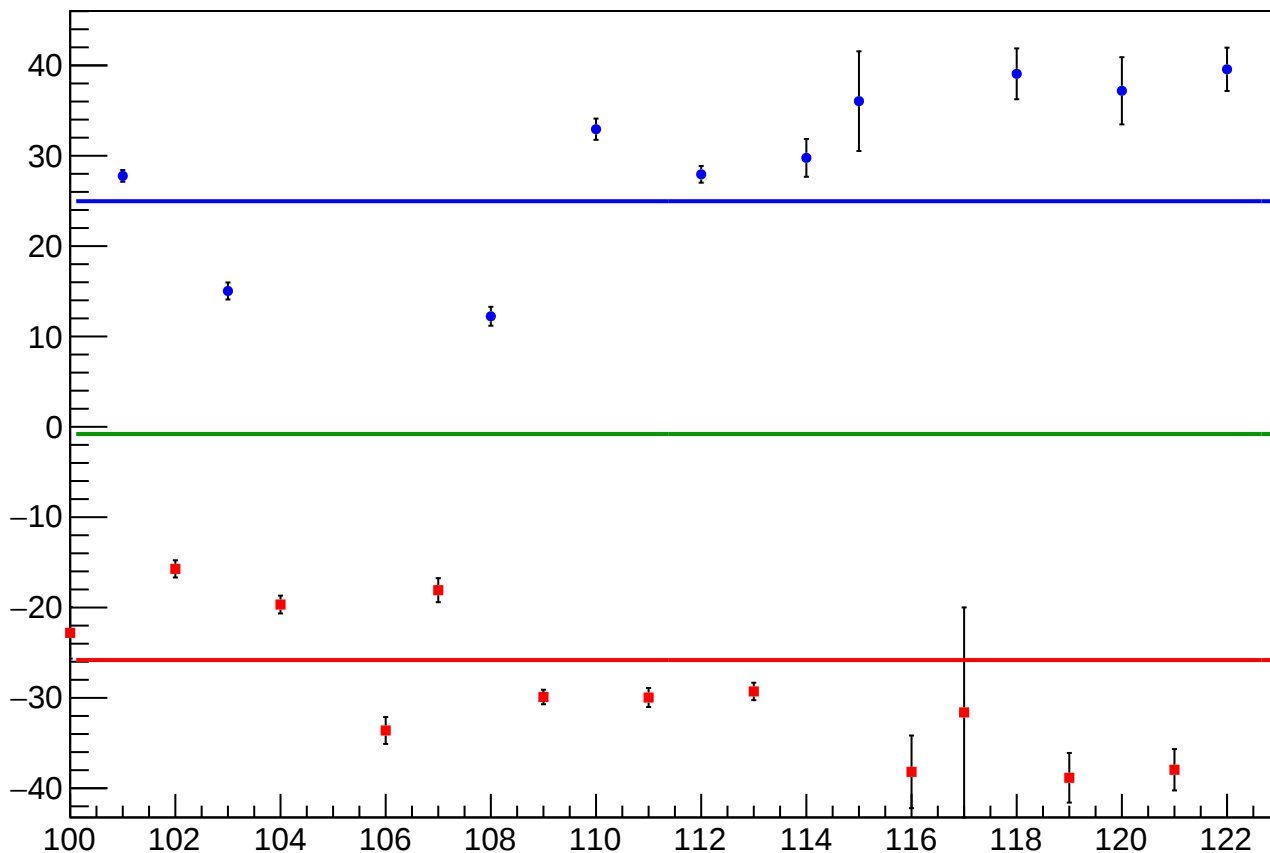
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.226+/-0.016 χ^2/NDF : 166.5/10

0.044+/-0.011 χ^2/NDF : 839.7/22

-0.107+/-0.015 χ^2/NDF : 441.1/11

reg_asym_sam6_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 24.970 ± 0.378 $\chi^2/\text{NDF}: 419.1/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -25.812 ± 0.373 $\chi^2/\text{NDF}: 328.3/11$

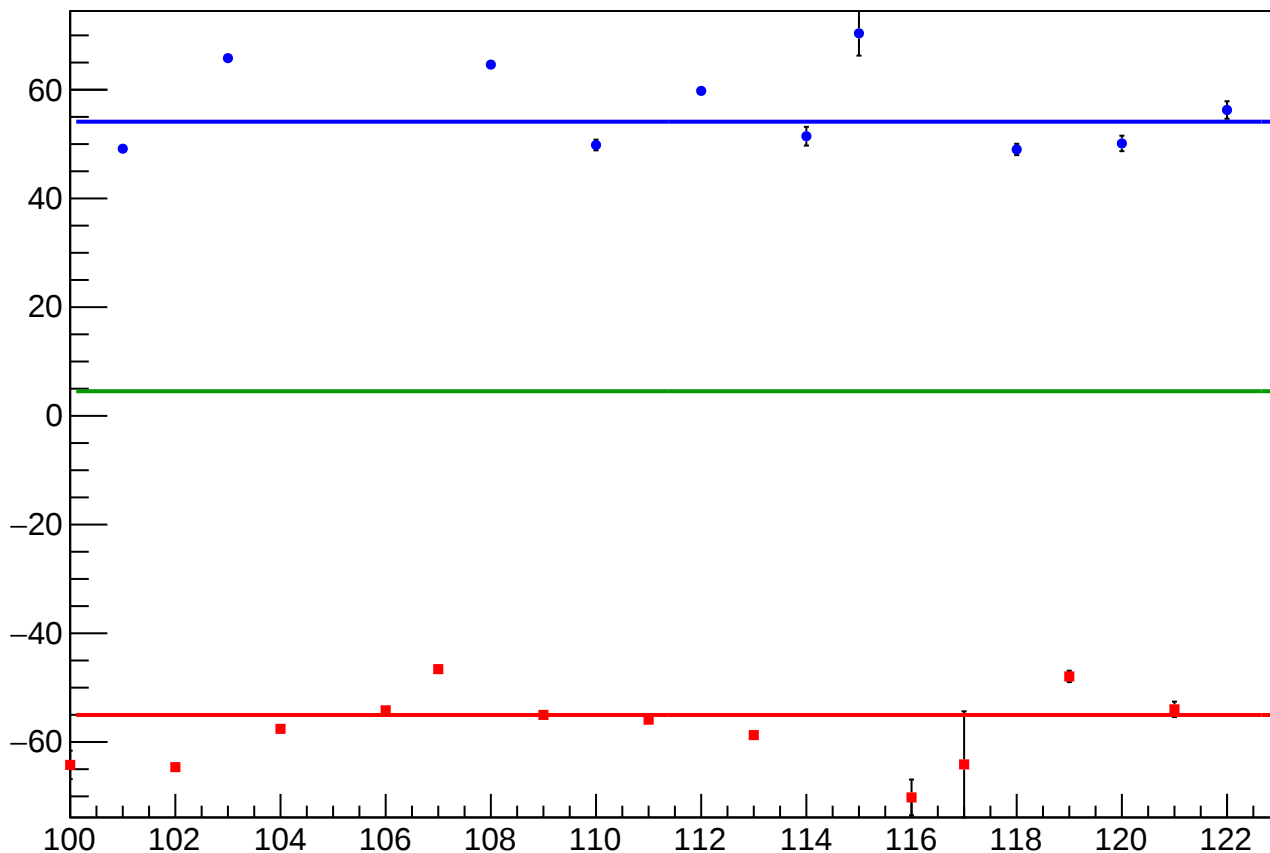
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

24.970 ± 0.378 $\chi^2/\text{NDF}: 419.1/10$

-0.797 ± 0.266 $\chi^2/\text{NDF}: 9883.0/22$

-25.812 ± 0.373 $\chi^2/\text{NDF}: 328.3/11$

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 54.121+/-0.229 χ^2/NDF : 919.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -55.026+/-0.251 χ^2/NDF : 565.7/11

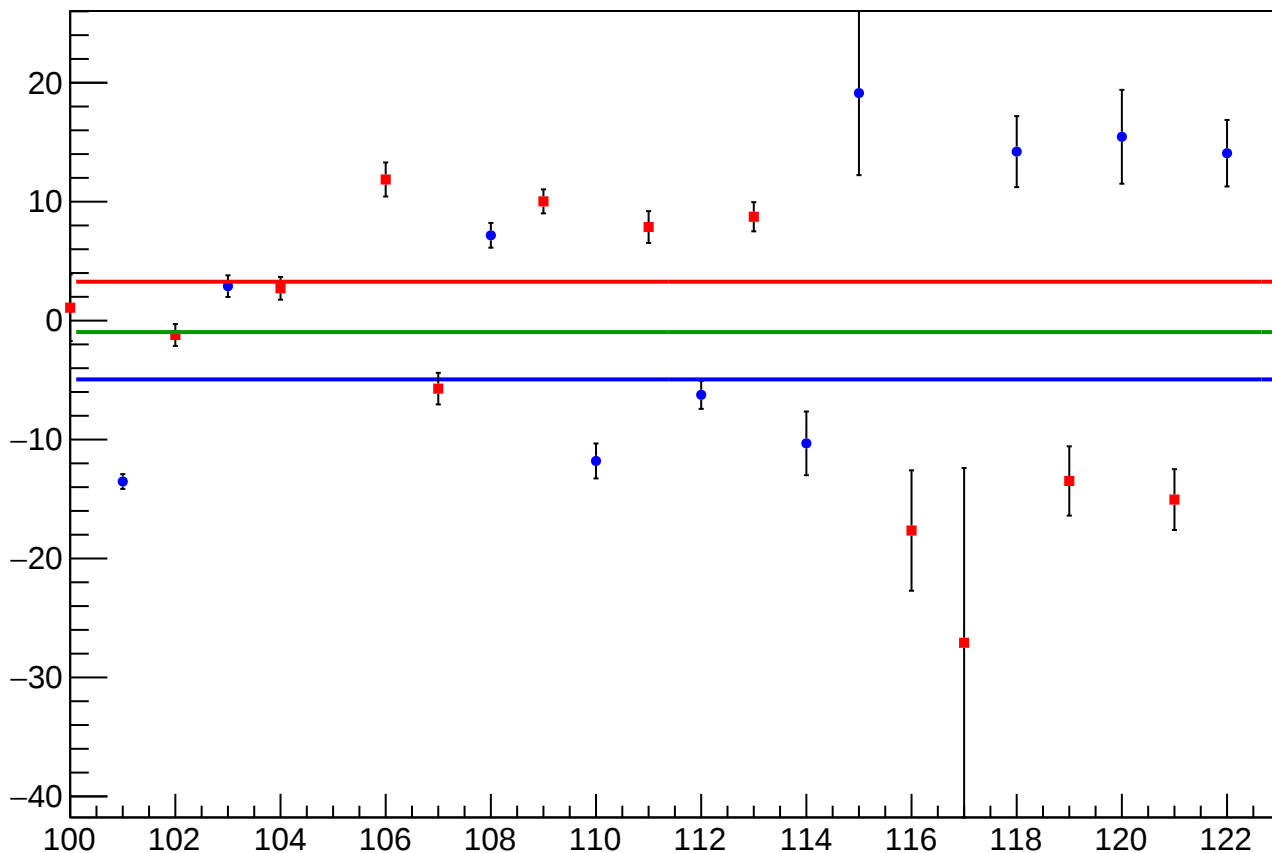
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

54.121+/-0.229 χ^2/NDF : 919.2/10

4.533+/-0.169 χ^2/NDF : 104643.0/22

-55.026+/-0.251 χ^2/NDF : 565.7/11

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.942 ± 0.396 χ^2/NDF : 554.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 3.270 ± 0.409 χ^2/NDF : 288.8/11

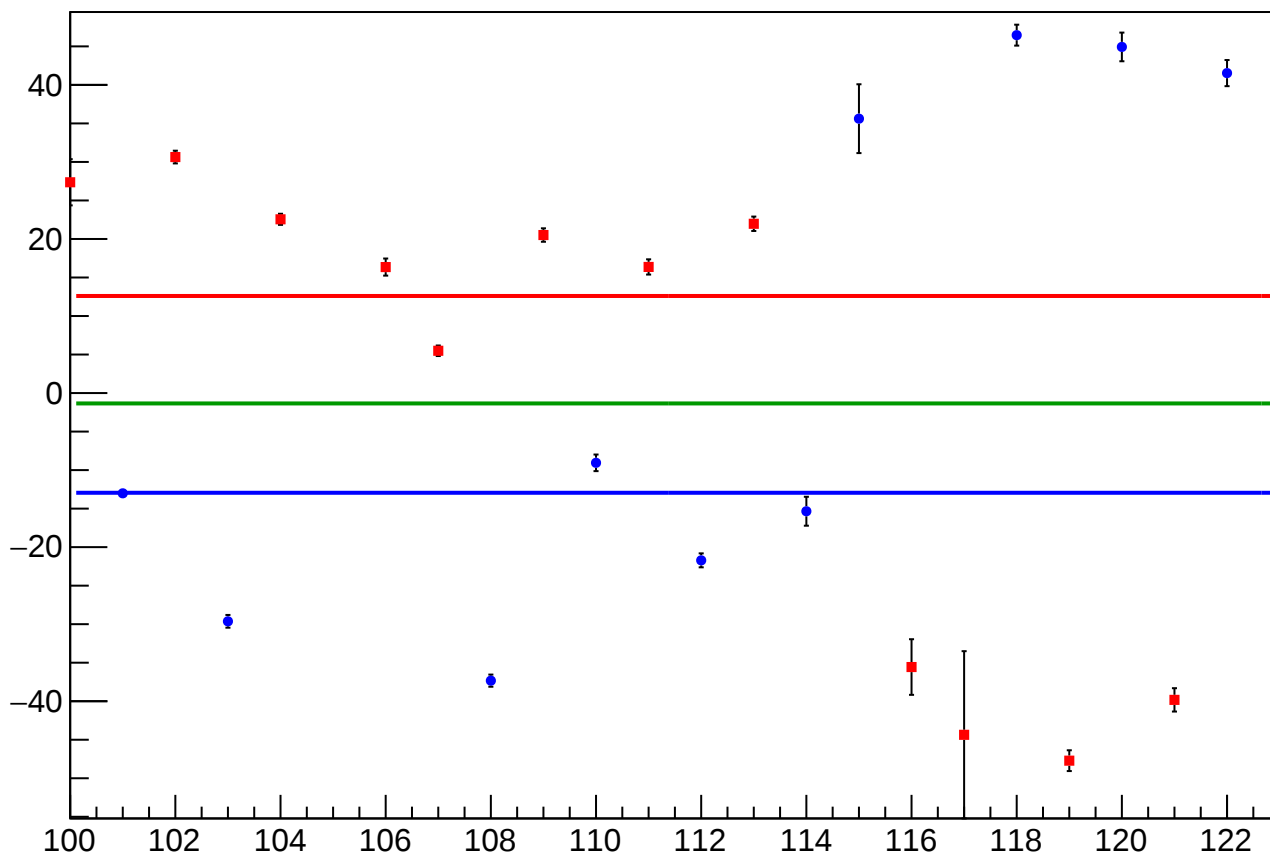
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-4.942 ± 0.396 χ^2/NDF : 554.5/10

-0.964 ± 0.285 χ^2/NDF : 1051.4/22

3.270 ± 0.409 χ^2/NDF : 288.8/11

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.943+/-0.275 χ^2/NDF : 5608.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.601+/-0.301 χ^2/NDF : 4410.6/11

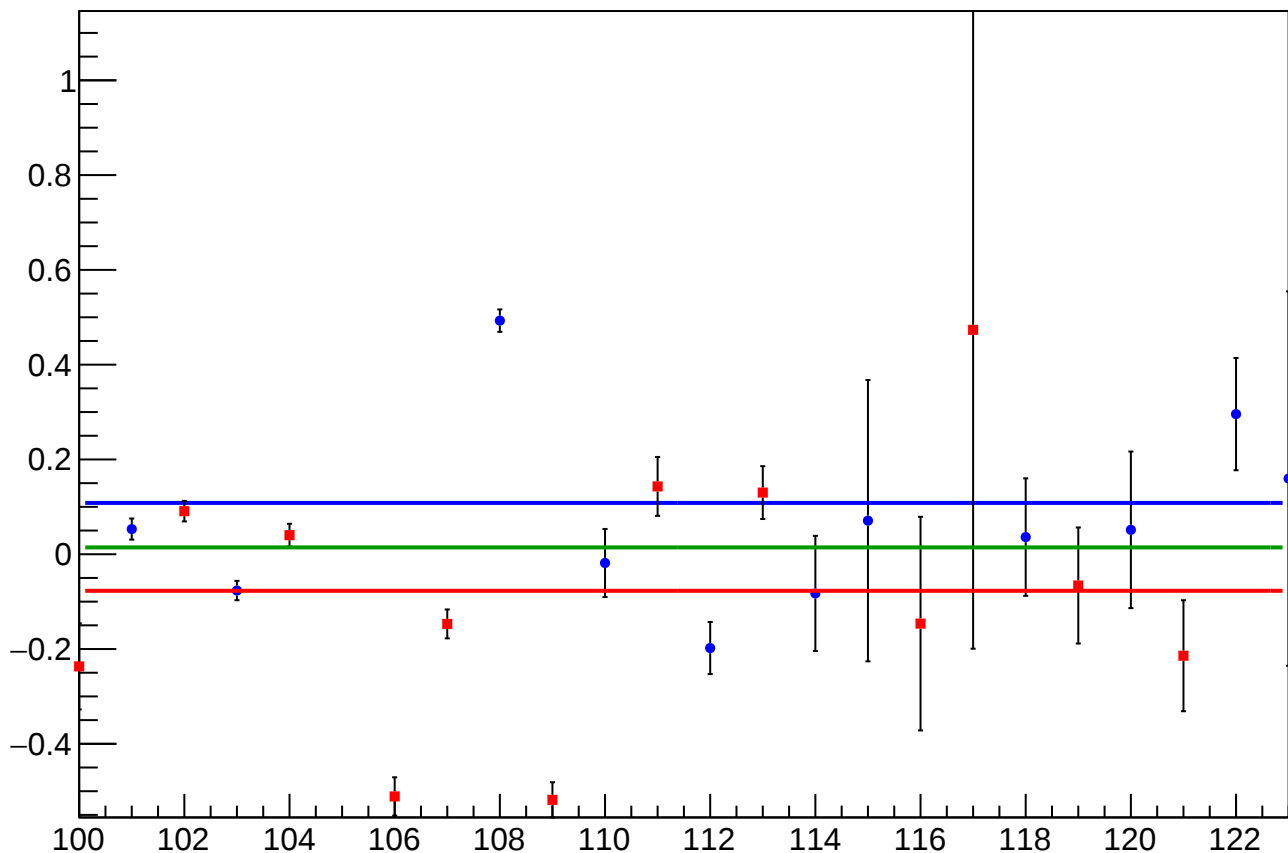
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-12.943+/-0.275 χ^2/NDF : 5608.0/10

-1.347+/-0.203 χ^2/NDF : 13945.7/22

12.601+/-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: 392.1/10

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

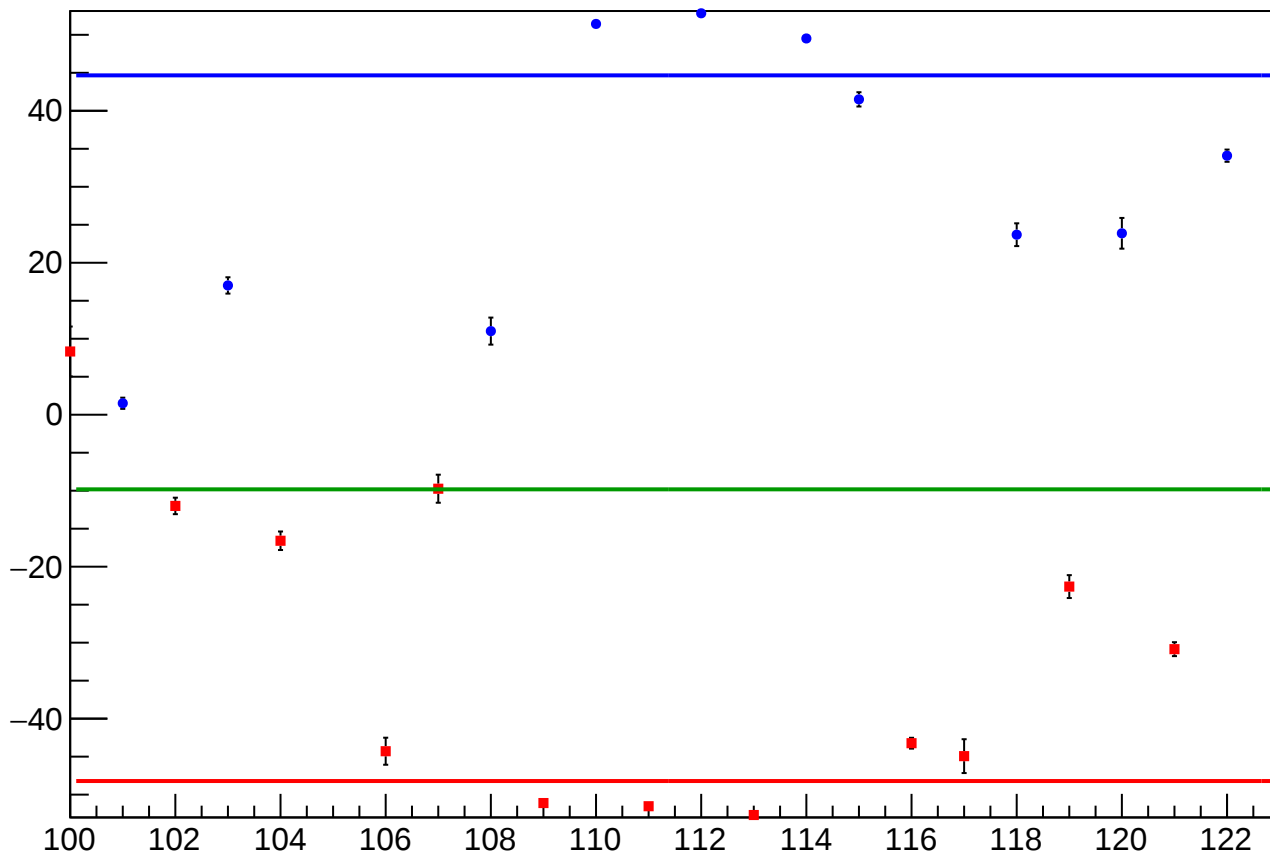
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.108 $\pm$ 0.012 χ^2 /NDF: 392.1/10

0.014 $\pm$ 0.008 χ^2 /NDF: 891.6/22

-0.077 $\pm$ 0.012 χ^2 /NDF: 377.8/11

reg_asym_sam7_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 44.663 $\pm$ 0.193 χ^2/NDF : 6070.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -48.210 $\pm$ 0.162 χ^2/NDF : 3627.8/11

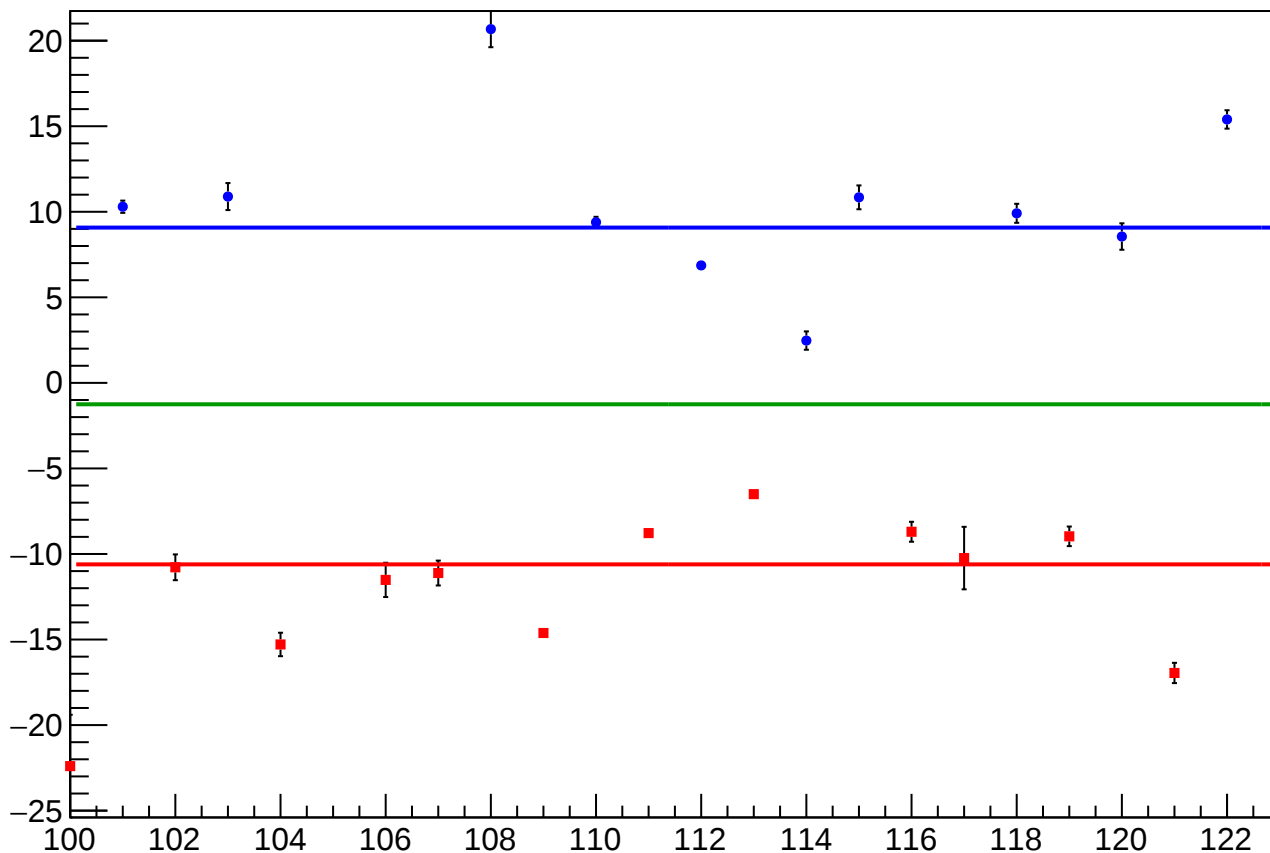
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

44.663 $\pm$ 0.193 χ^2/NDF : 6070.4/10

-9.822 $\pm$ 0.124 χ^2/NDF : 145947.8/22

-48.210 $\pm$ 0.162 χ^2/NDF : 3627.8/11

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.076+/-0.144 χ^2/NDF : 508.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.607+/-0.137 χ^2/NDF : 656.2/11

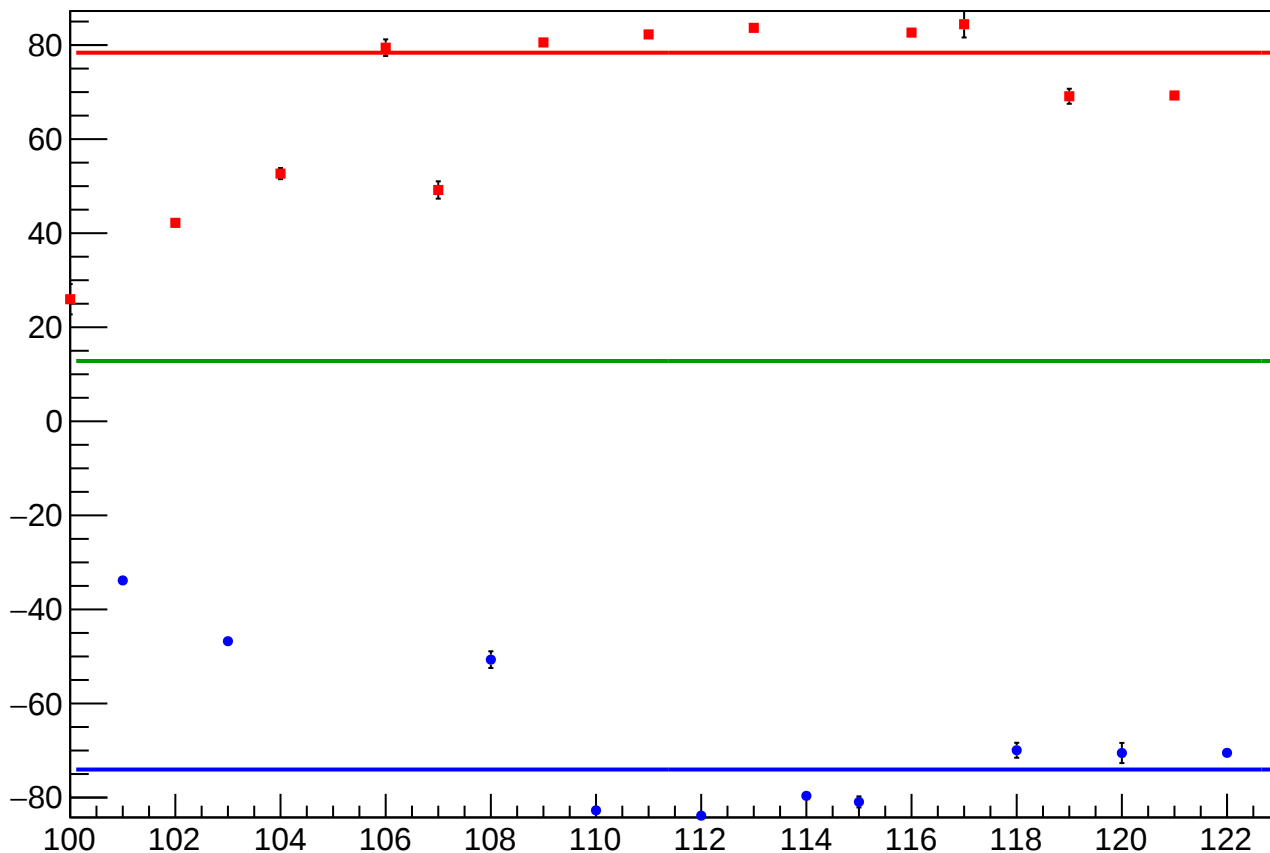
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.076+/-0.144 χ^2/NDF : 508.3/10

-1.251+/-0.099 χ^2/NDF : 11005.3/22

-10.607+/-0.137 χ^2/NDF : 656.2/11

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -74.040 ± 0.232 χ^2/NDF : 5171.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 78.374 ± 0.202 χ^2/NDF : 2610.8/11

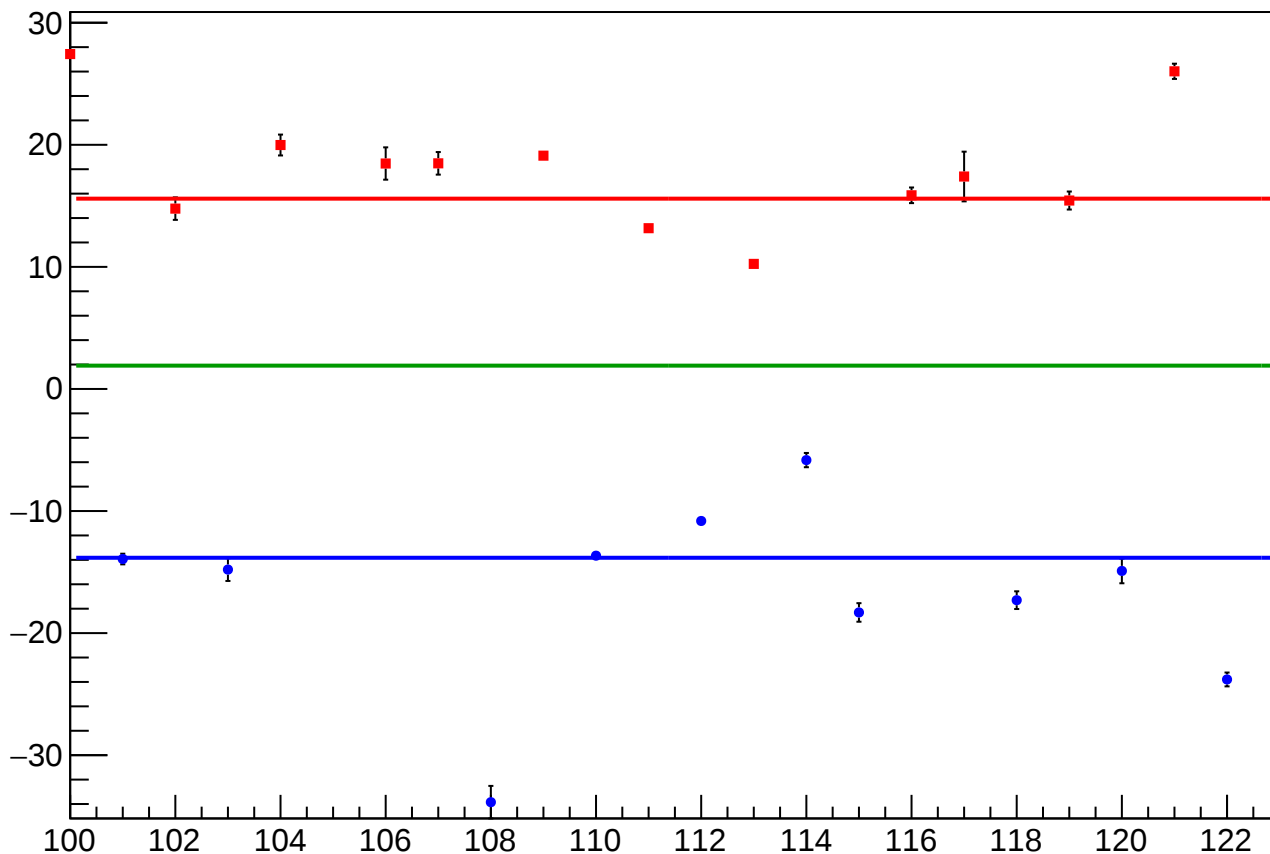
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-74.040 ± 0.232 χ^2/NDF : 5171.9/10

12.824 ± 0.152 χ^2/NDF : 253034.2/22

78.374 ± 0.202 χ^2/NDF : 2610.8/11

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -13.828 ± 0.163 $\chi^2/\text{NDF}: 892.6/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 15.589 ± 0.152 $\chi^2/\text{NDF}: 833.0/11$

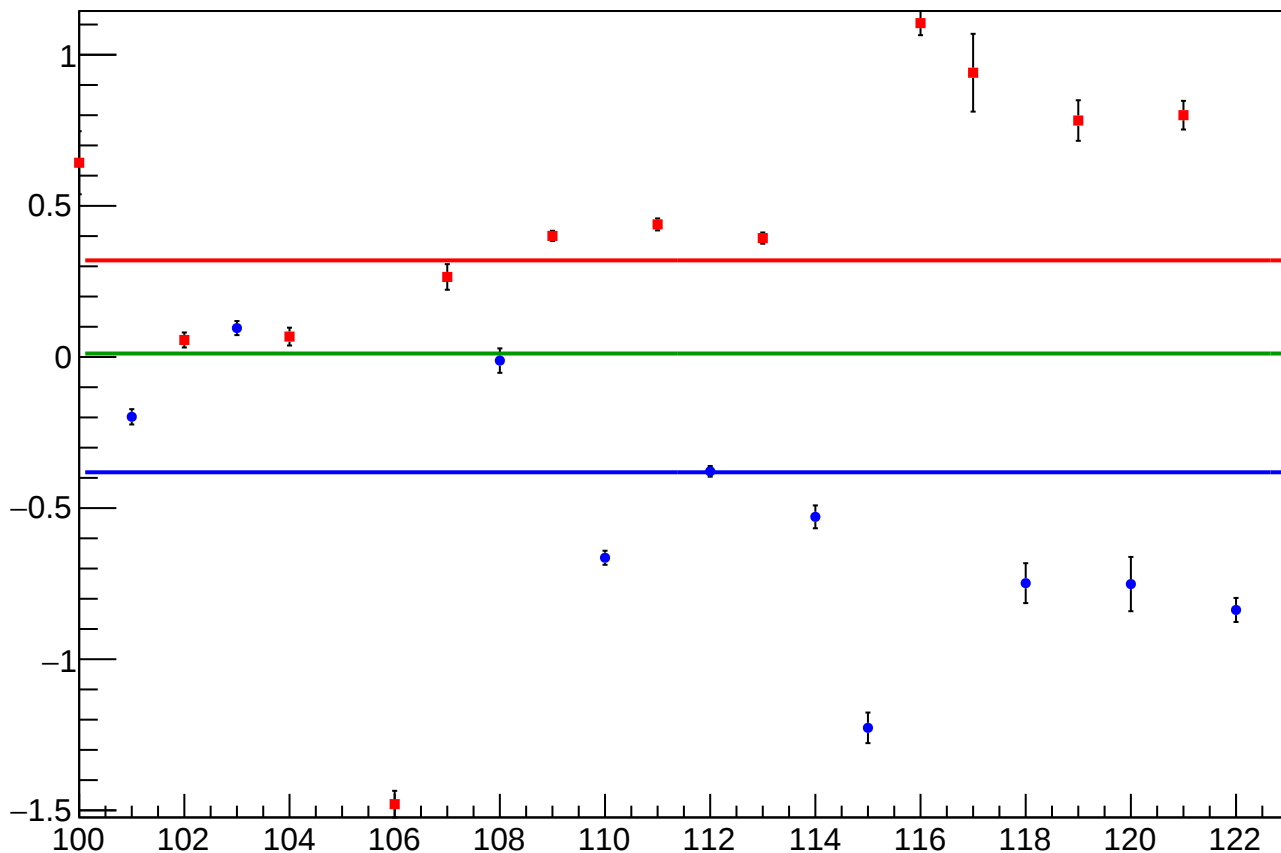
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-13.828 ± 0.163 $\chi^2/\text{NDF}: 892.6/10$

1.911 ± 0.111 $\chi^2/\text{NDF}: 19220.8/22$

15.589 ± 0.152 $\chi^2/\text{NDF}: 833.0/11$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.381 $\pm$ 0.009 χ^2 /NDF: 1193.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.320 $\pm$ 0.008 χ^2 /NDF: 2497.1/11

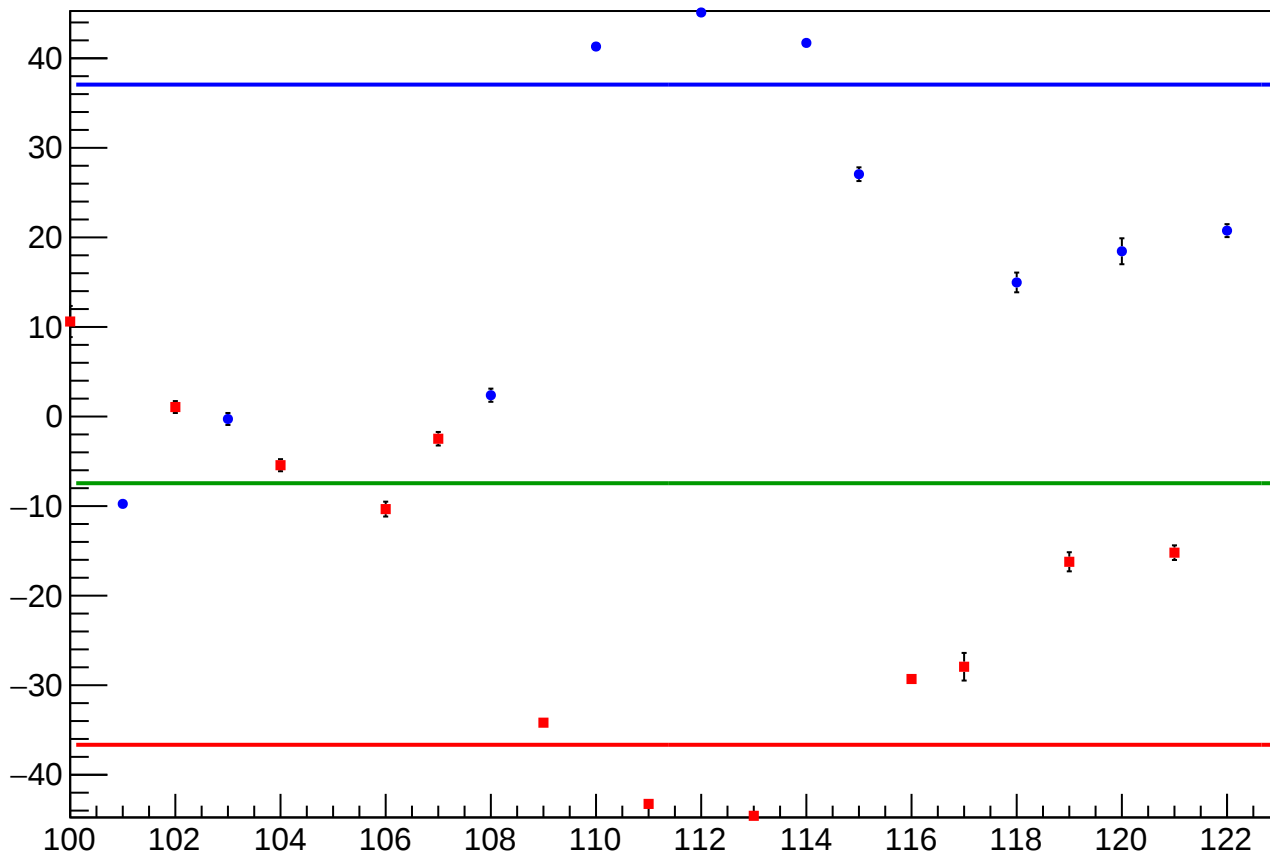
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.381 $\pm$ 0.009 χ^2 /NDF: 1193.6/10

0.012 $\pm$ 0.006 χ^2 /NDF: 6768.4/22

0.320 $\pm$ 0.008 χ^2 /NDF: 2497.1/11

reg_asym_sam8_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 37.061+/-0.112 χ^2/NDF : 19027.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.652+/-0.090 χ^2/NDF : 13982.2/11

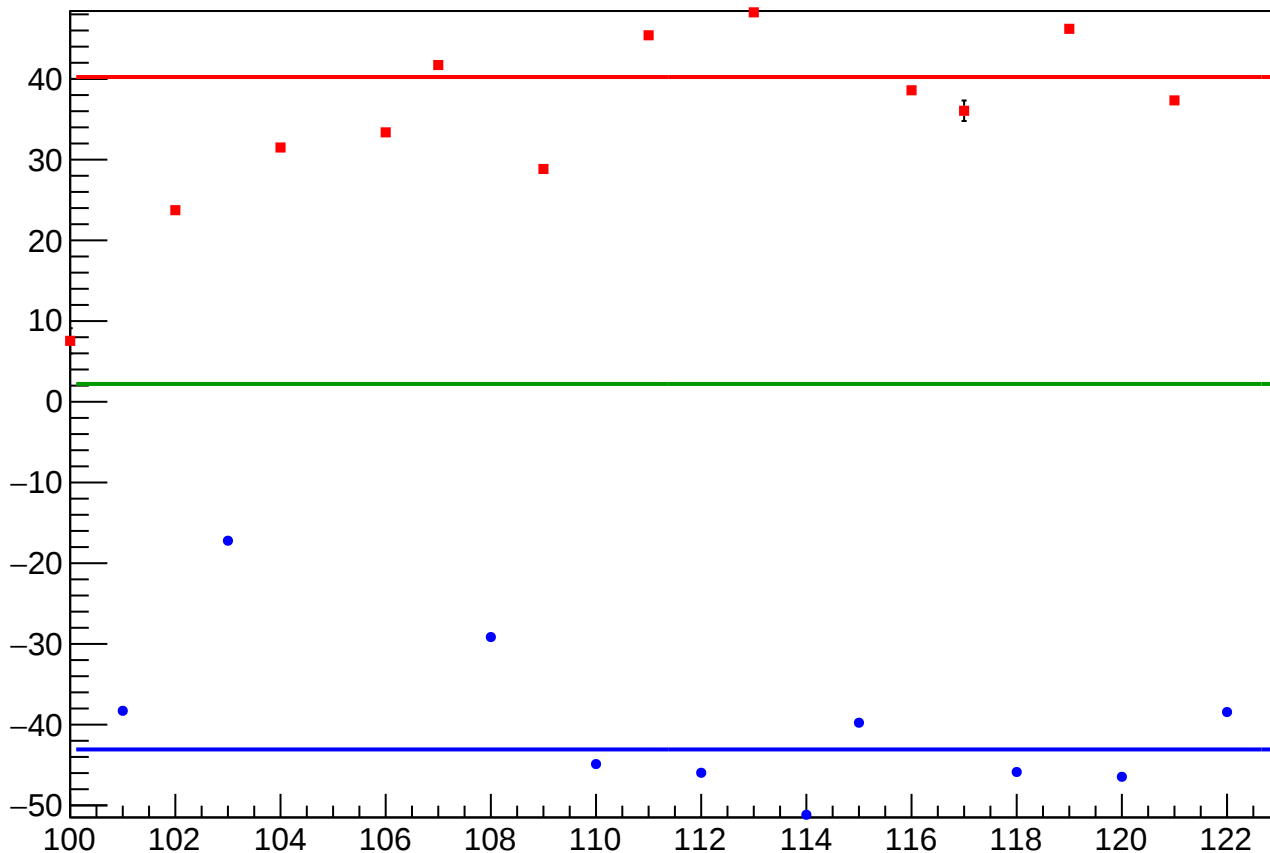
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

37.061+/-0.112 χ^2/NDF : 19027.8/10

-7.446+/-0.070 χ^2/NDF : 296643.2/22

-36.652+/-0.090 χ^2/NDF : 13982.2/11

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -43.073 $\pm$ 0.087 χ^2 /NDF: 5409.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 40.235 $\pm$ 0.079 χ^2 /NDF: 10755.7/11

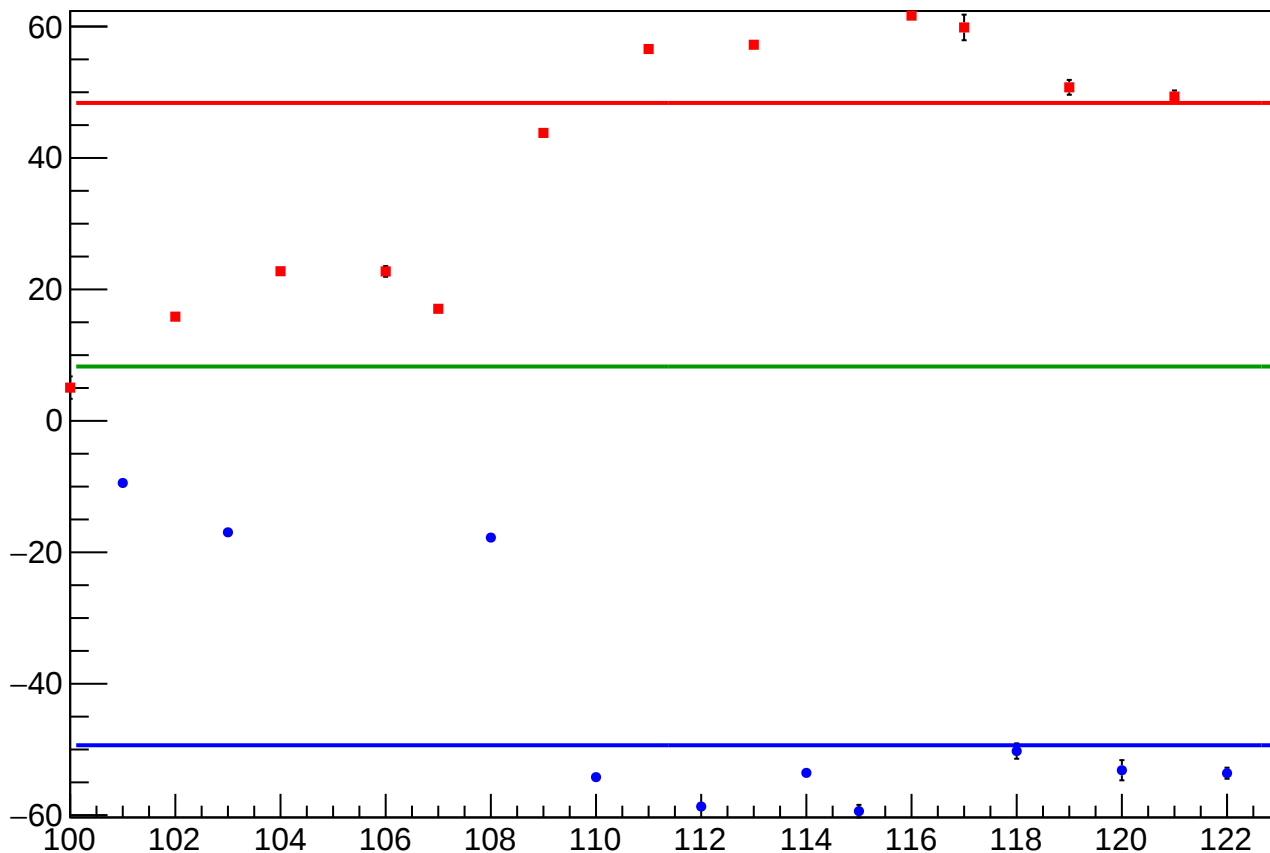
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-43.073 $\pm$ 0.087 χ^2 /NDF: 5409.2/10

2.210 $\pm$ 0.058 χ^2 /NDF: 519961.9/22

40.235 $\pm$ 0.079 χ^2 /NDF: 10755.7/11

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -49.355+/-0.136 χ^2/NDF : 14290.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.372+/-0.113 χ^2/NDF : 11233.1/11

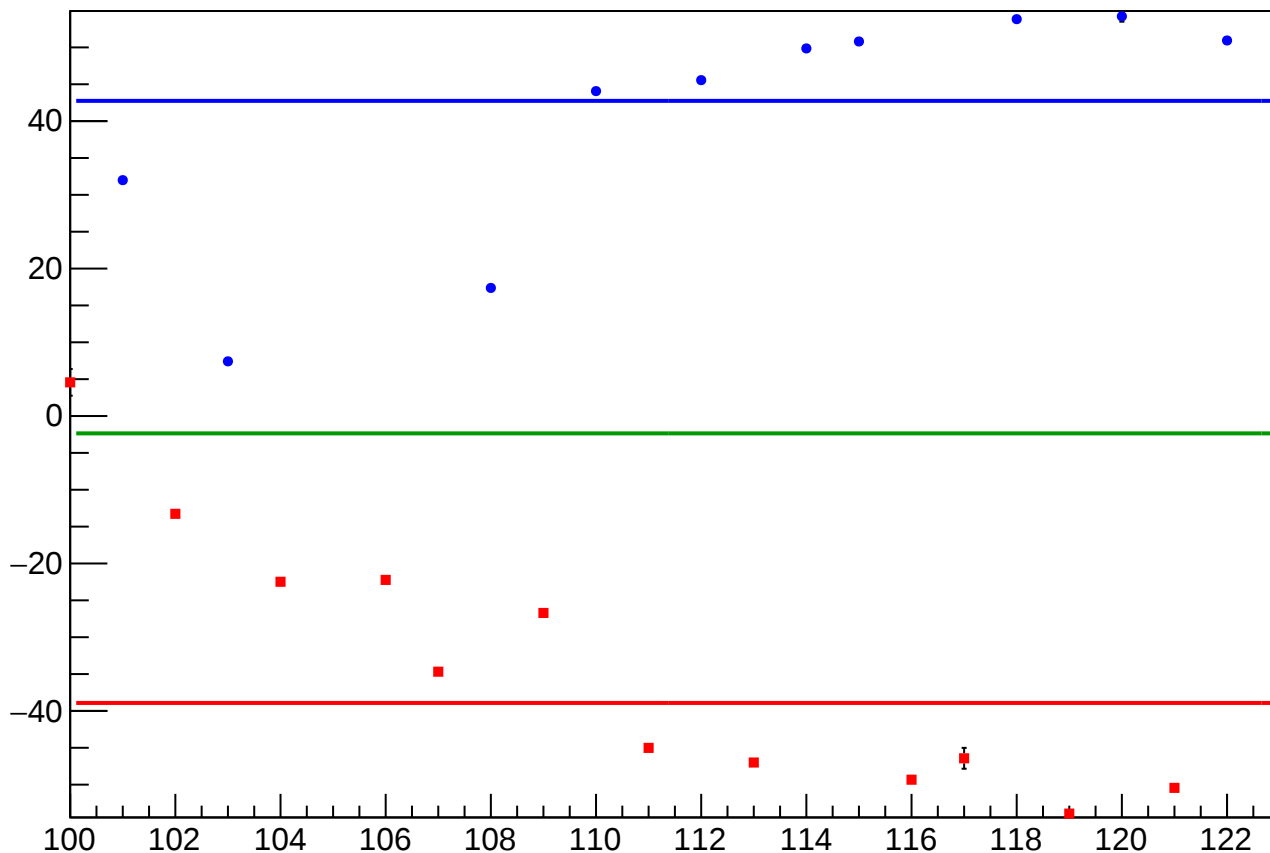
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-49.355+/-0.136 χ^2/NDF : 14290.9/10

8.270+/-0.087 χ^2/NDF : 331613.3/22

48.372+/-0.113 χ^2/NDF : 11233.1/11

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.749+/-0.097 χ^2/NDF : 8969.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.918+/-0.088 χ^2/NDF : 14573.6/11

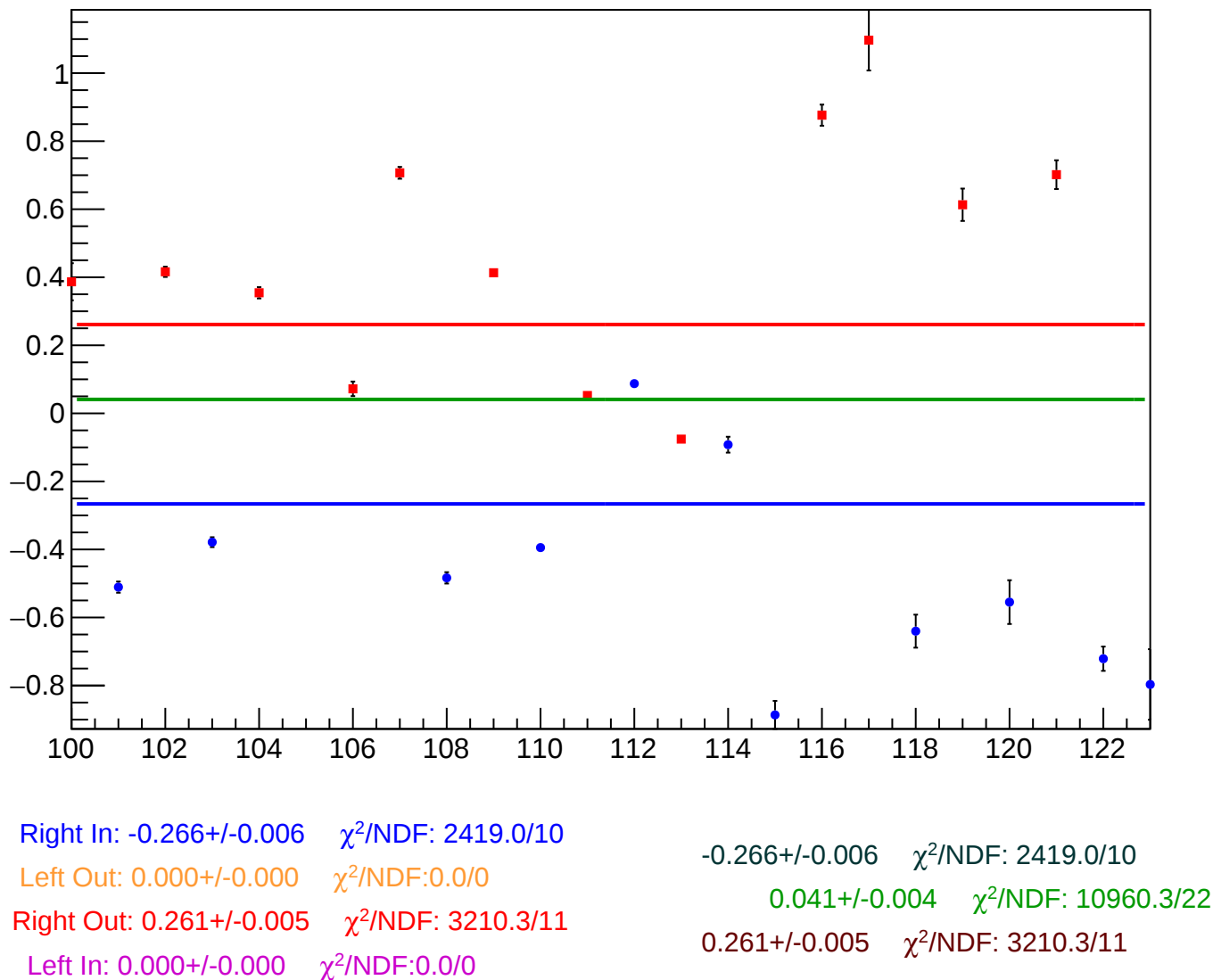
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

42.749+/-0.097 χ^2/NDF : 8969.5/10

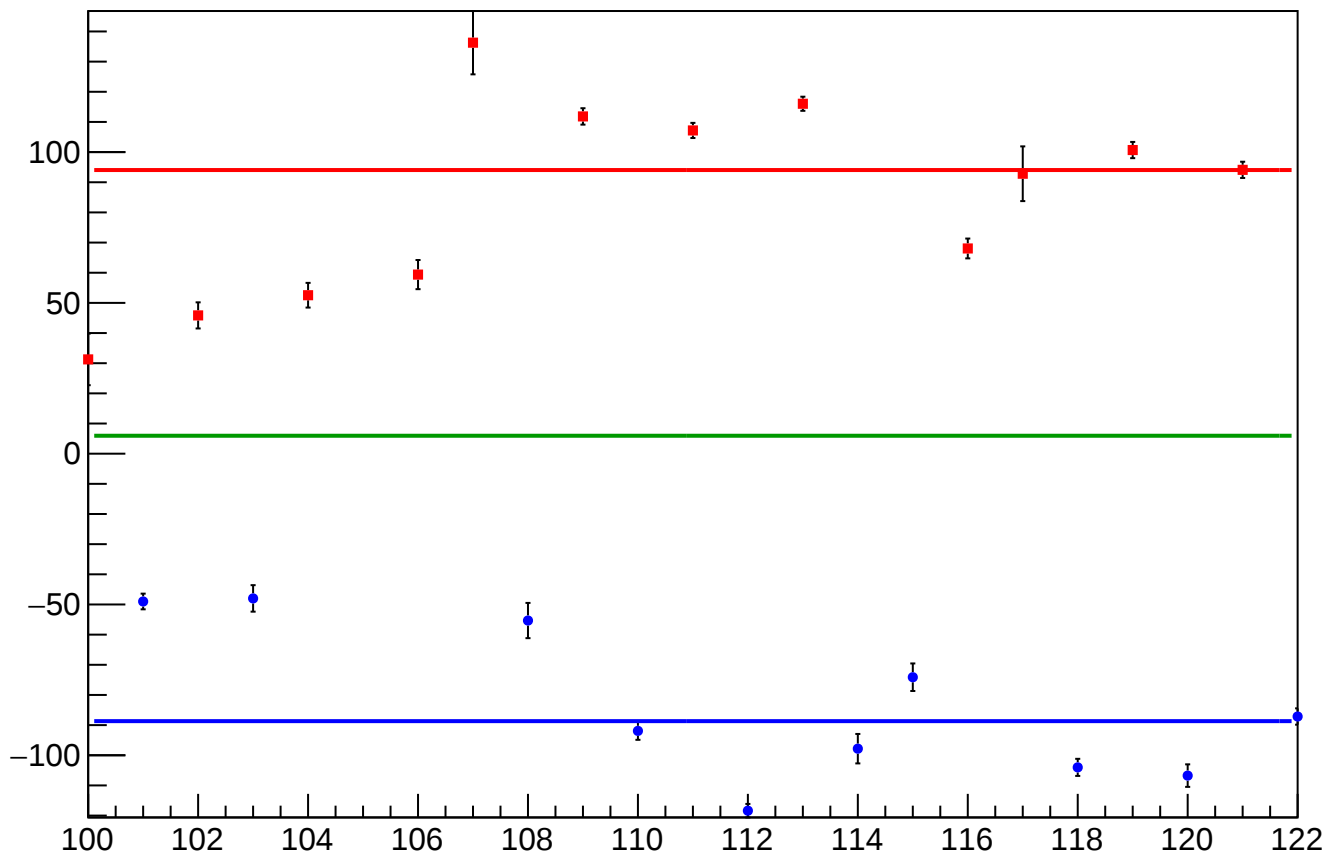
-2.353+/-0.065 χ^2/NDF : 411257.0/22

-38.918+/-0.088 χ^2/NDF : 14573.6/11

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_usl_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -88.683+/-1.018 χ^2/NDF : 594.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.050+/-0.983 χ^2/NDF : 575.0/11

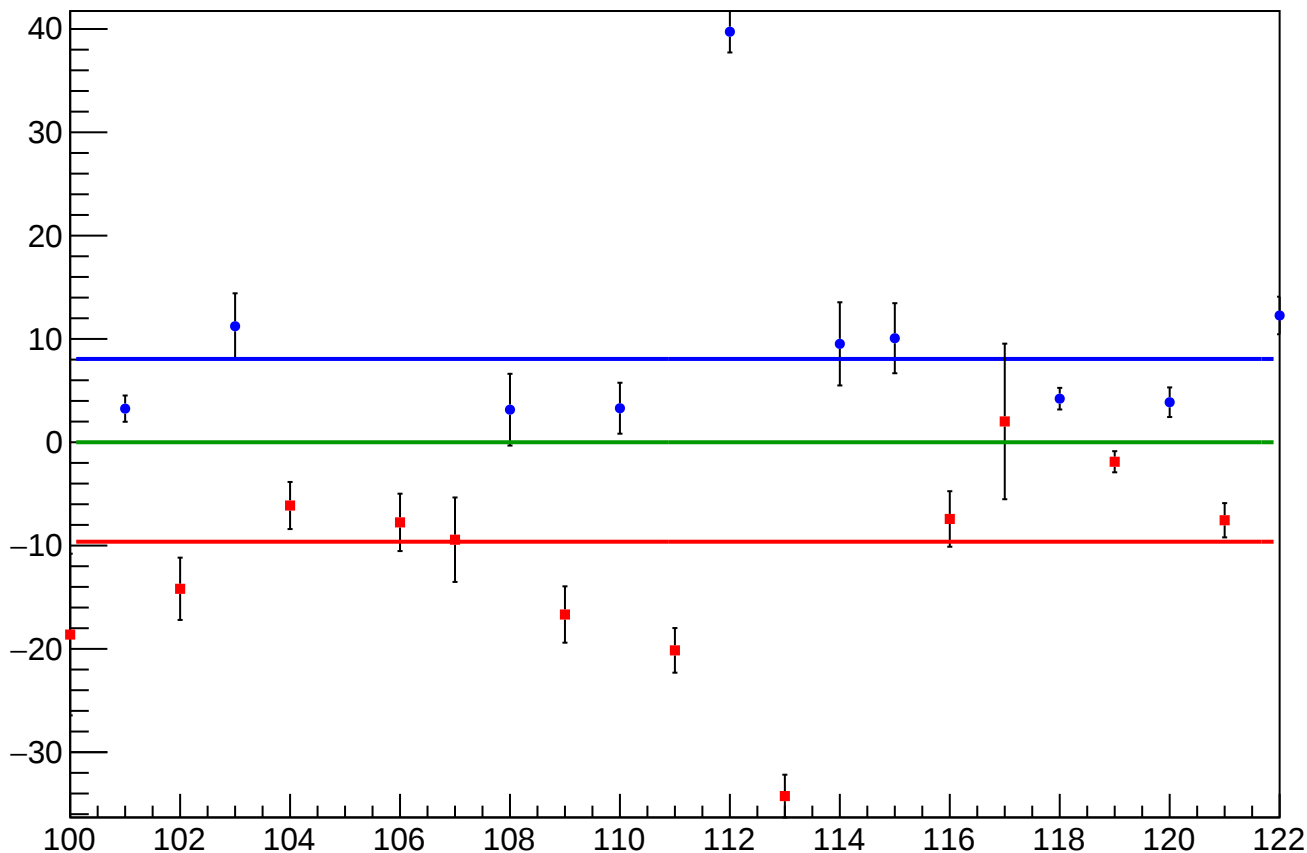
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-88.683+/-1.018 χ^2/NDF : 594.7/9

5.948+/-0.707 χ^2/NDF : 17847.4/21

94.050+/-0.983 χ^2/NDF : 575.0/11

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.064 $\pm$ 0.571 χ^2 /NDF: 298.1/9

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

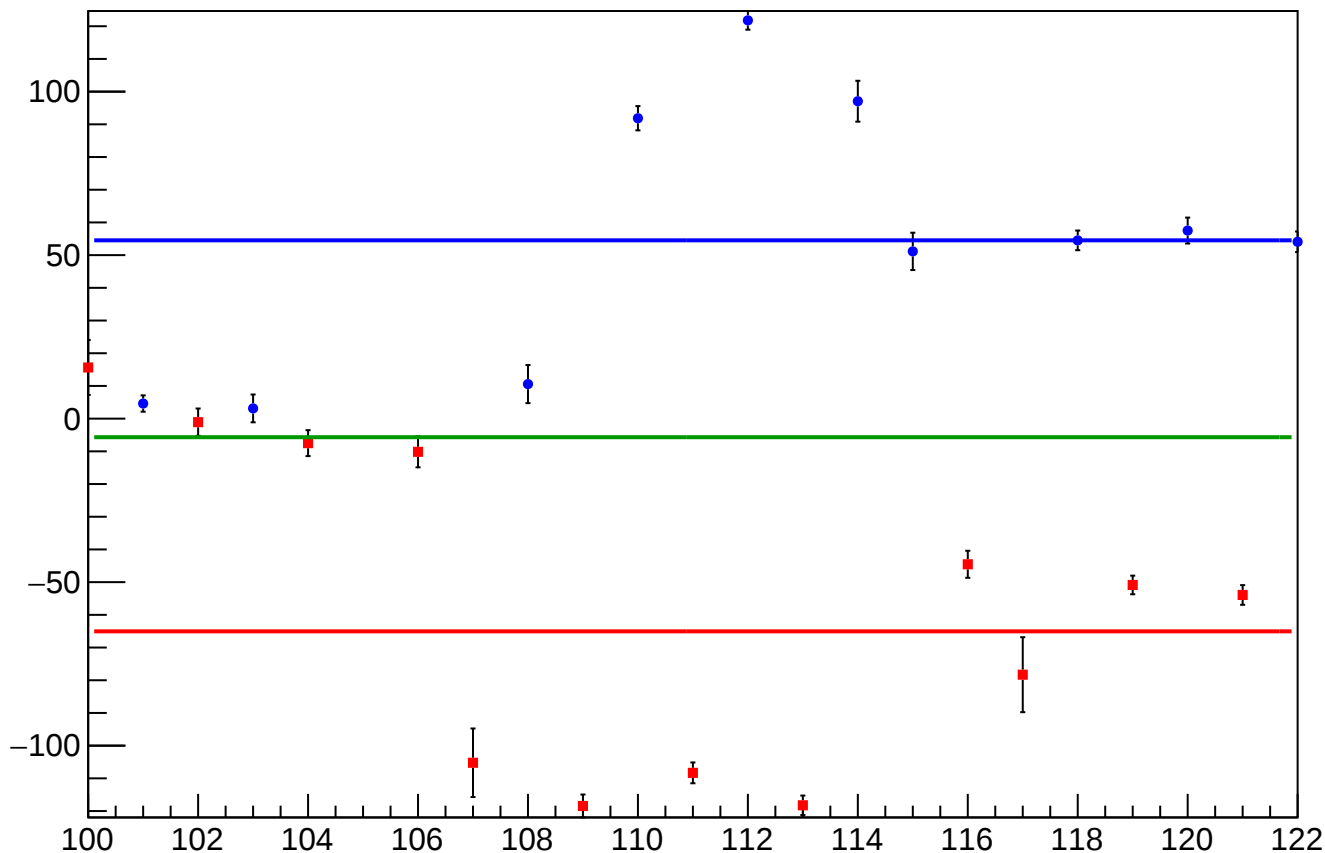
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8.064 $\pm$ 0.571 χ^2 /NDF: 298.1/9

0.000 $\pm$ 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: 54.526+/-1.139 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

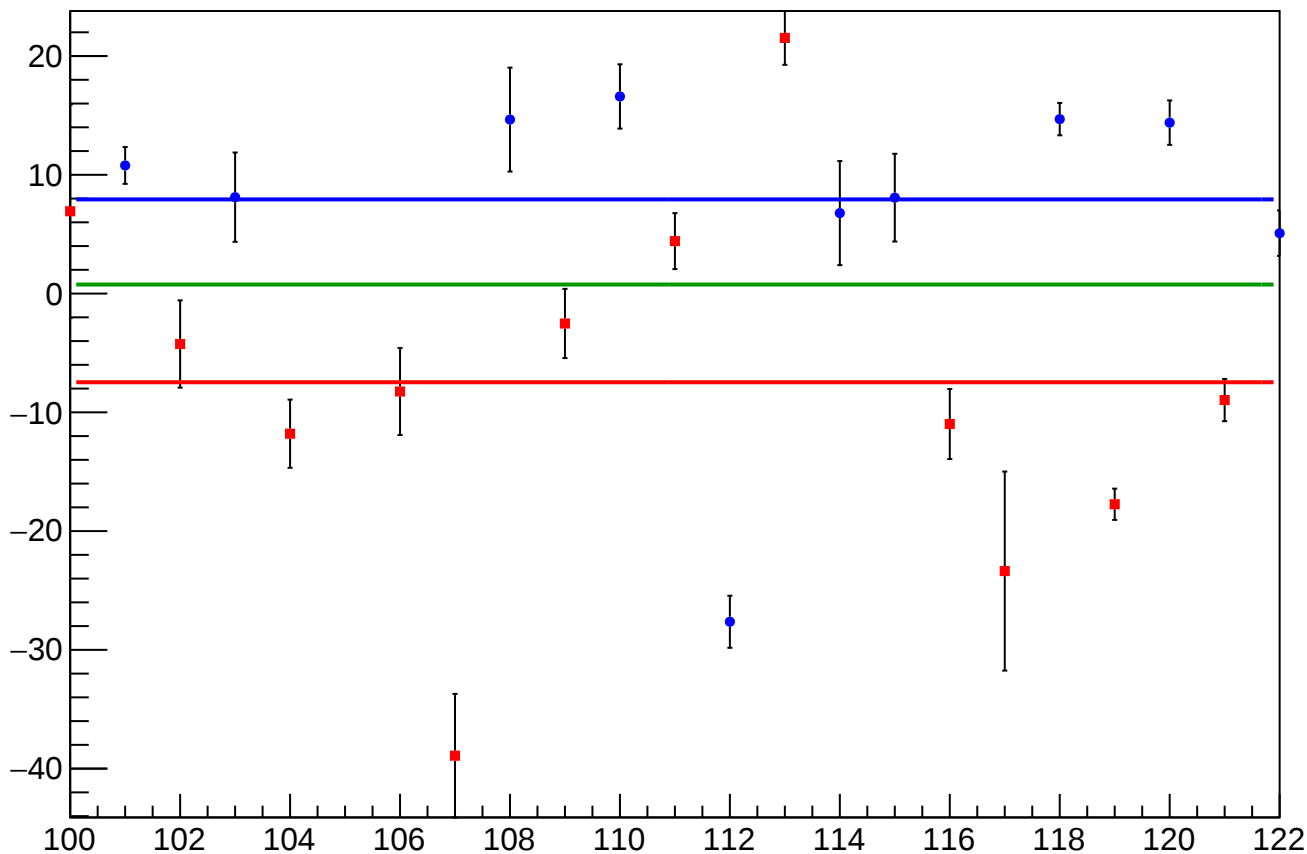
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

54.526+/-1.139 χ^2/NDF : 1304.4/9

-5.677+/-0.803 χ^2/NDF : 8338.3/21

-65.048+/-1.131 χ^2/NDF : 1486.6/11

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.929 $\pm$ 0.689 χ^2 /NDF: 317.9/9

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

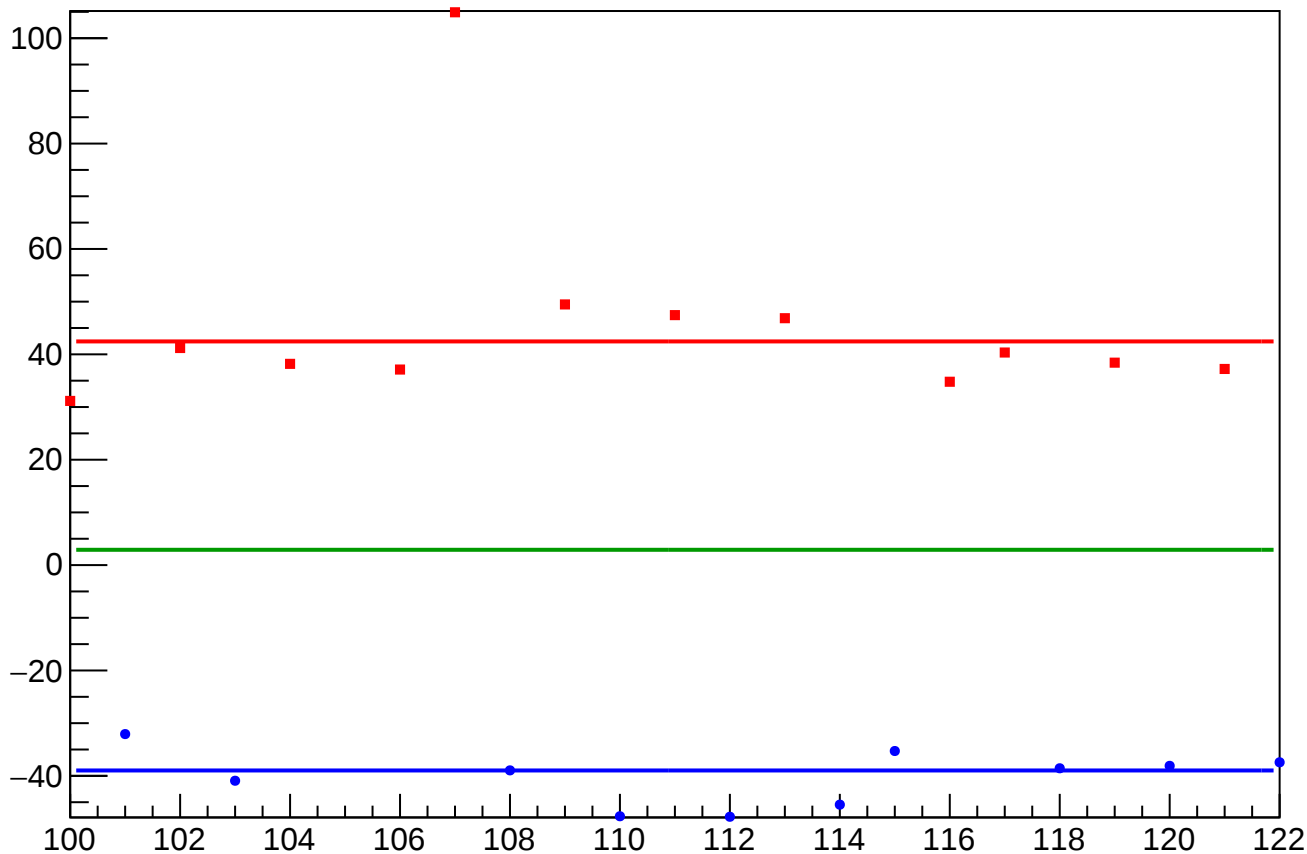
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7.929 $\pm$ 0.689 χ^2 /NDF: 317.9/9

0.762 $\pm$ 0.504 χ^2 /NDF: 851.3/21

-7.467 $\pm$ 0.738 χ^2 /NDF: 300.9/11

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.976+/-0.042 χ^2/NDF : 13898.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.452+/-0.041 χ^2/NDF : 81367.4/11

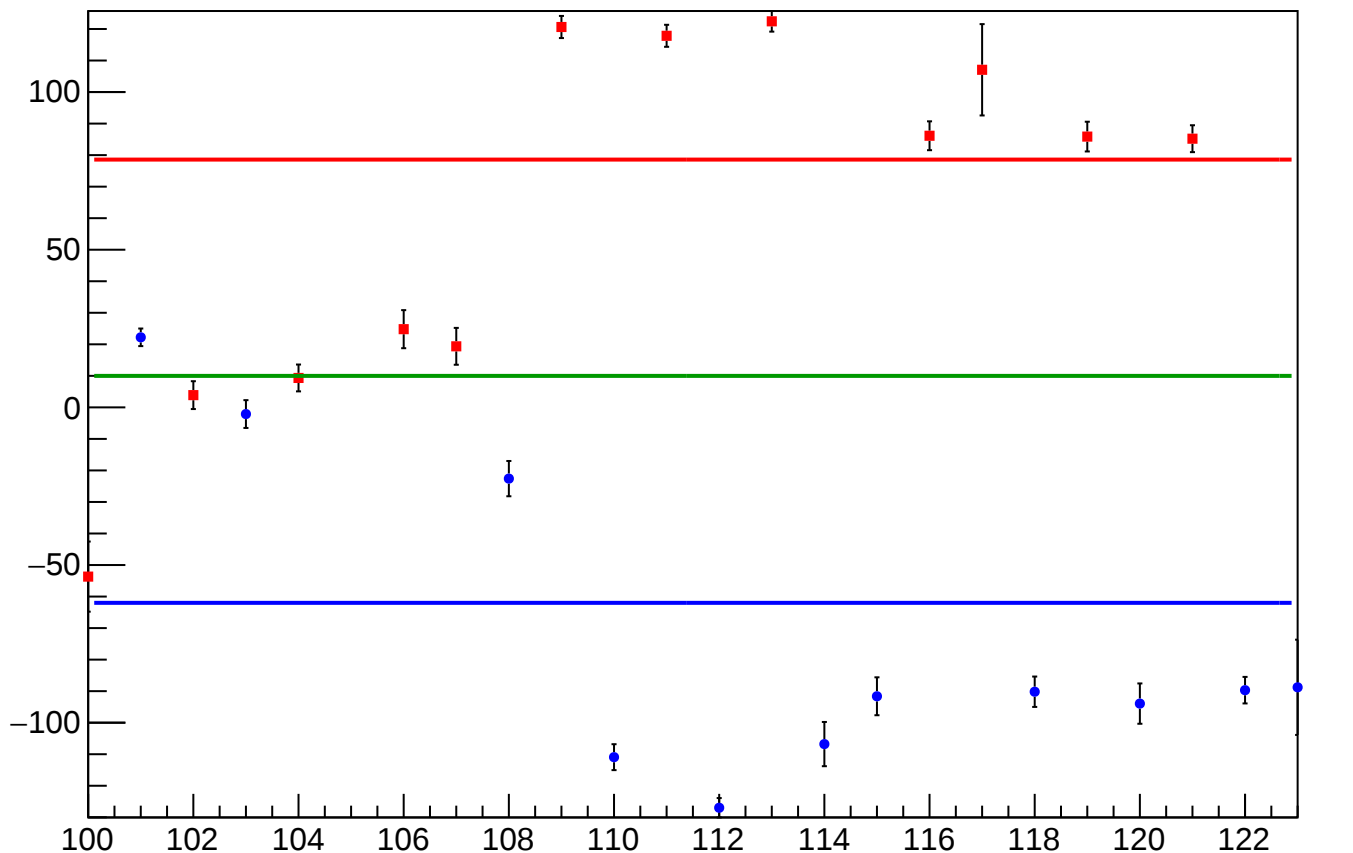
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-38.976+/-0.042 χ^2/NDF : 13898.9/9

2.905+/-0.029 χ^2/NDF : 2014043.2/21

42.452+/-0.041 χ^2/NDF : 81367.4/11

reg_asym_usr_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -61.990+/-1.344 χ^2/NDF : 1905.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.583+/-1.312 χ^2/NDF : 1335.9/11

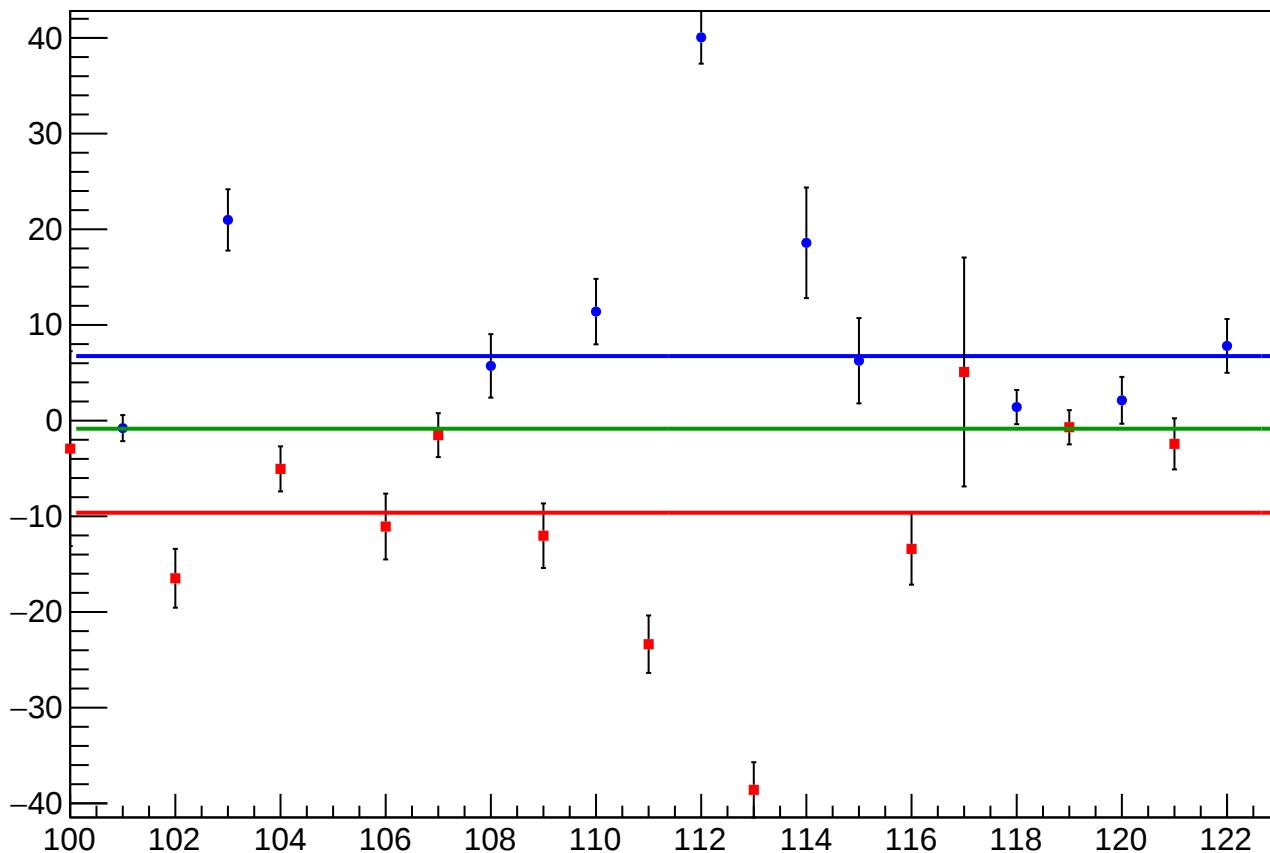
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-61.990+/-1.344 χ^2/NDF : 1905.6/10

9.985+/-0.939 χ^2/NDF : 8841.0/22

78.583+/-1.312 χ^2/NDF : 1335.9/11

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.746 $\pm$ 0.780 χ^2/NDF : 215.8/10

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

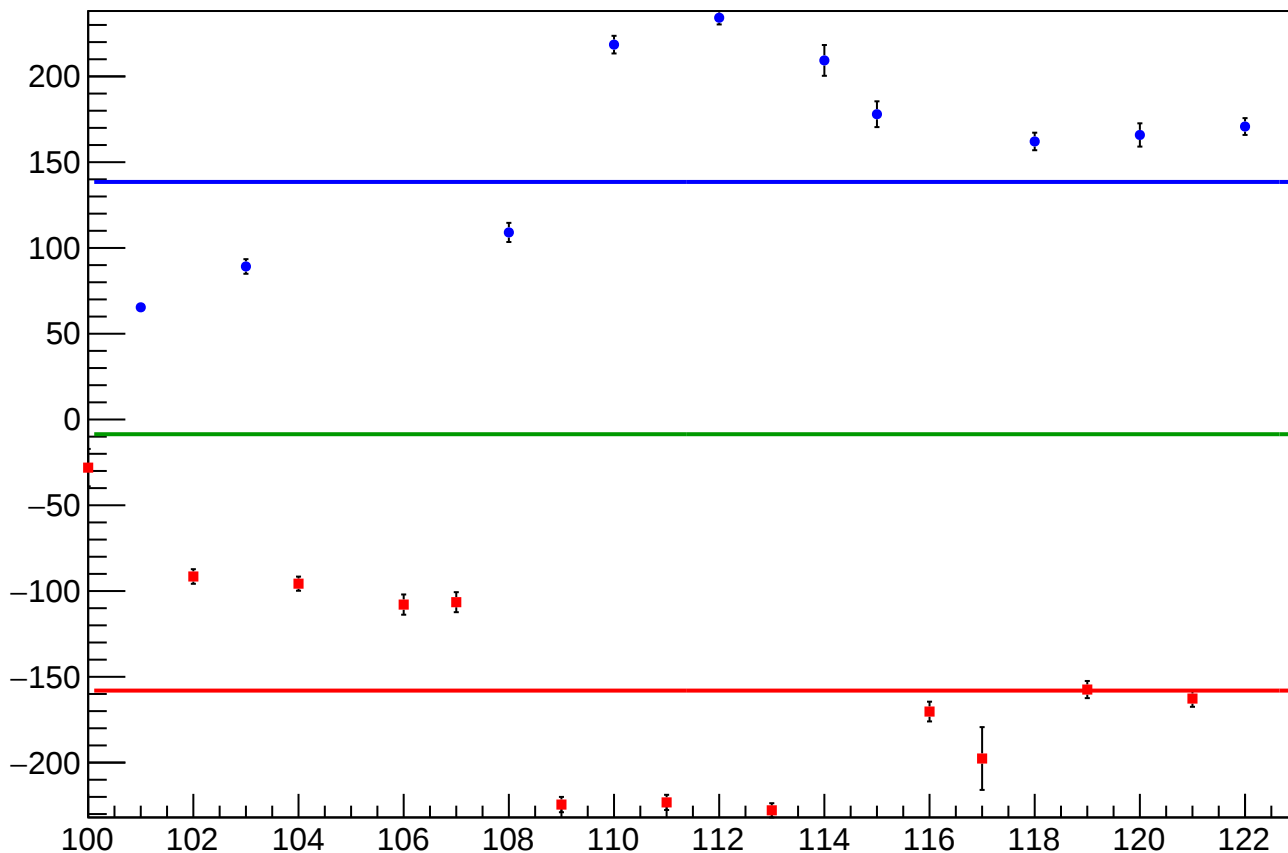
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

6.746 $\pm$ 0.780 χ^2/NDF : 215.8/10

-0.844 $\pm$ 0.571 χ^2/NDF : 598.6/22

-9.623 $\pm$ 0.839 χ^2/NDF : 178.7/11

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 138.487+/-1.468 χ^2/NDF : 1915.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -158.029+/-1.480 χ^2/NDF : 1495.6/11

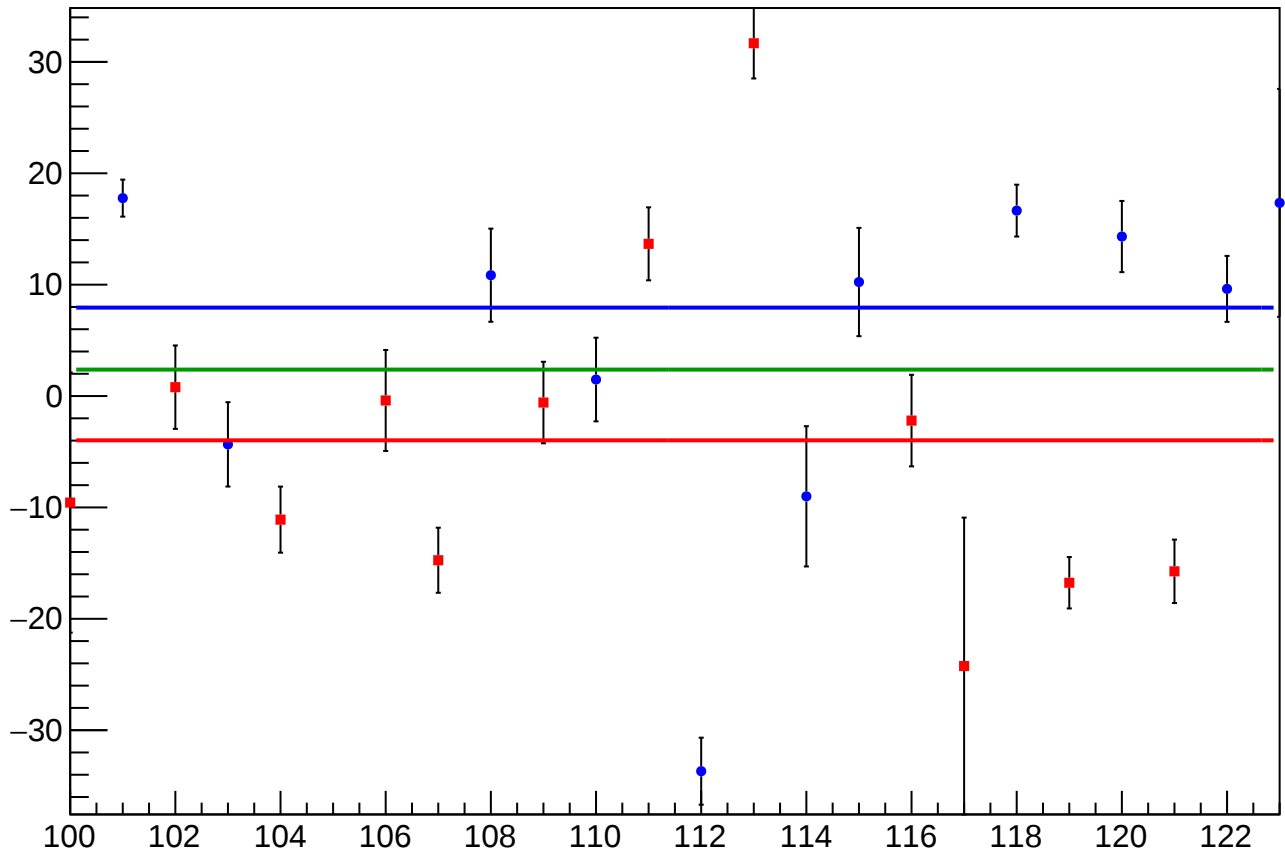
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

138.487+/-1.468 χ^2/NDF : 1915.8/10

-8.577+/-1.042 χ^2/NDF : 23635.0/22

-158.029+/-1.480 χ^2/NDF : 1495.6/11

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.940 $\pm$ 0.935 χ^2/NDF : 266.9/10

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

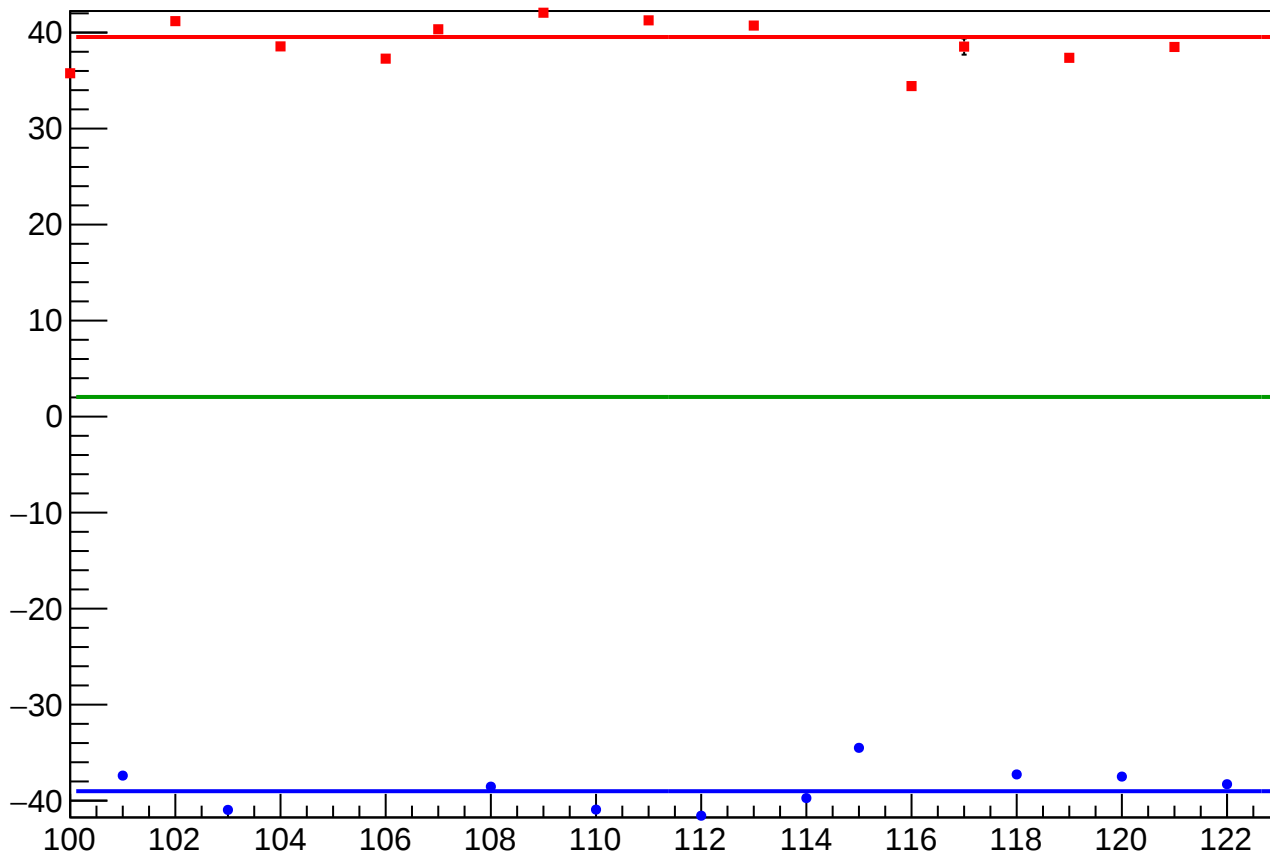
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

7.940 $\pm$ 0.935 χ^2/NDF : 266.9/10

2.376 $\pm$ 0.683 χ^2/NDF : 571.7/22

-3.976 $\pm$ 0.999 χ^2/NDF : 229.0/11

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.015 $\pm$ 0.050 χ^2 /NDF: 1277.8/10

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

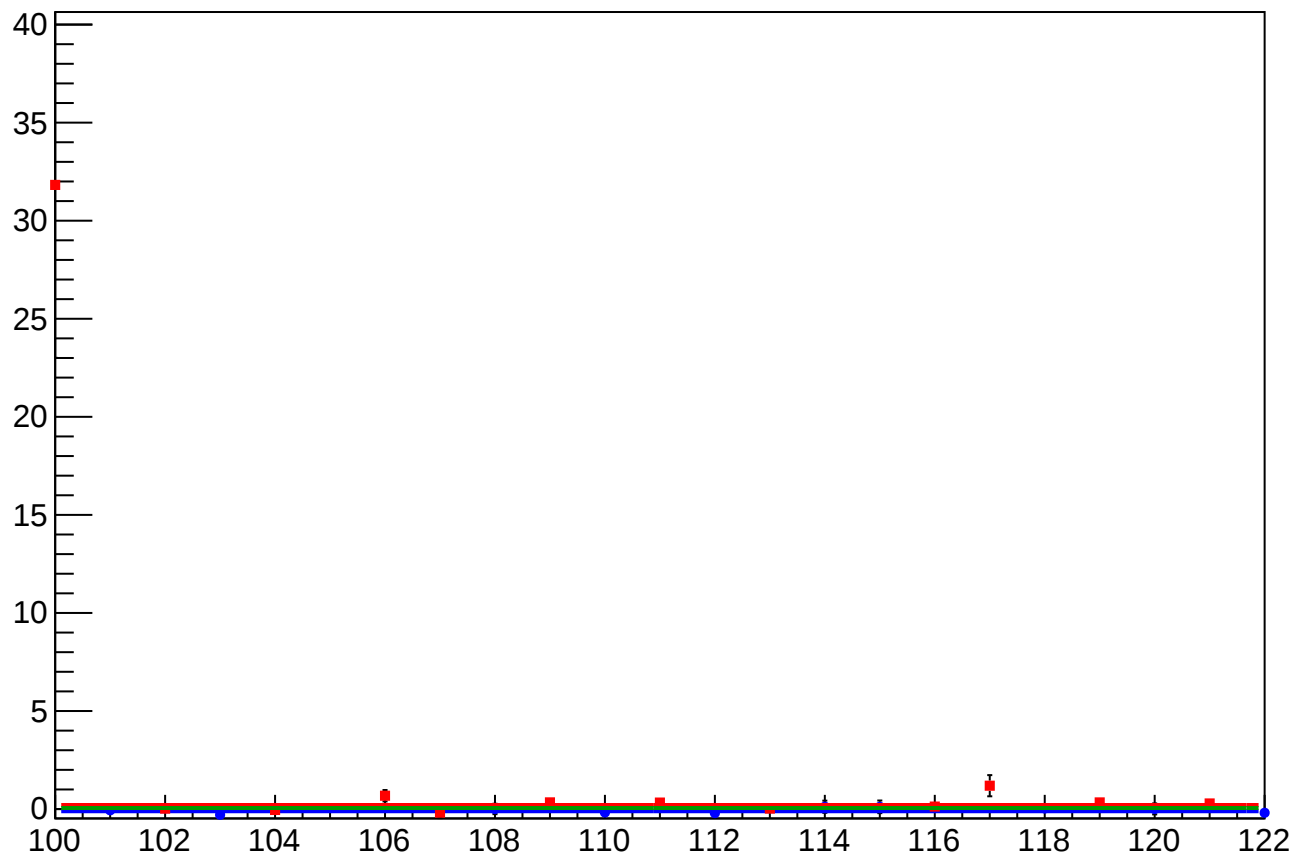
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-39.015 $\pm$ 0.050 χ^2 /NDF: 1277.8/10

2.047 $\pm$ 0.035 χ^2 /NDF: 1292117.1/22

39.537 $\pm$ 0.048 χ^2 /NDF: 1553.1/11

reg_asym_dsl_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.110+/-0.063 χ^2/NDF : 3.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.208+/-0.061 χ^2/NDF : 26.8/11

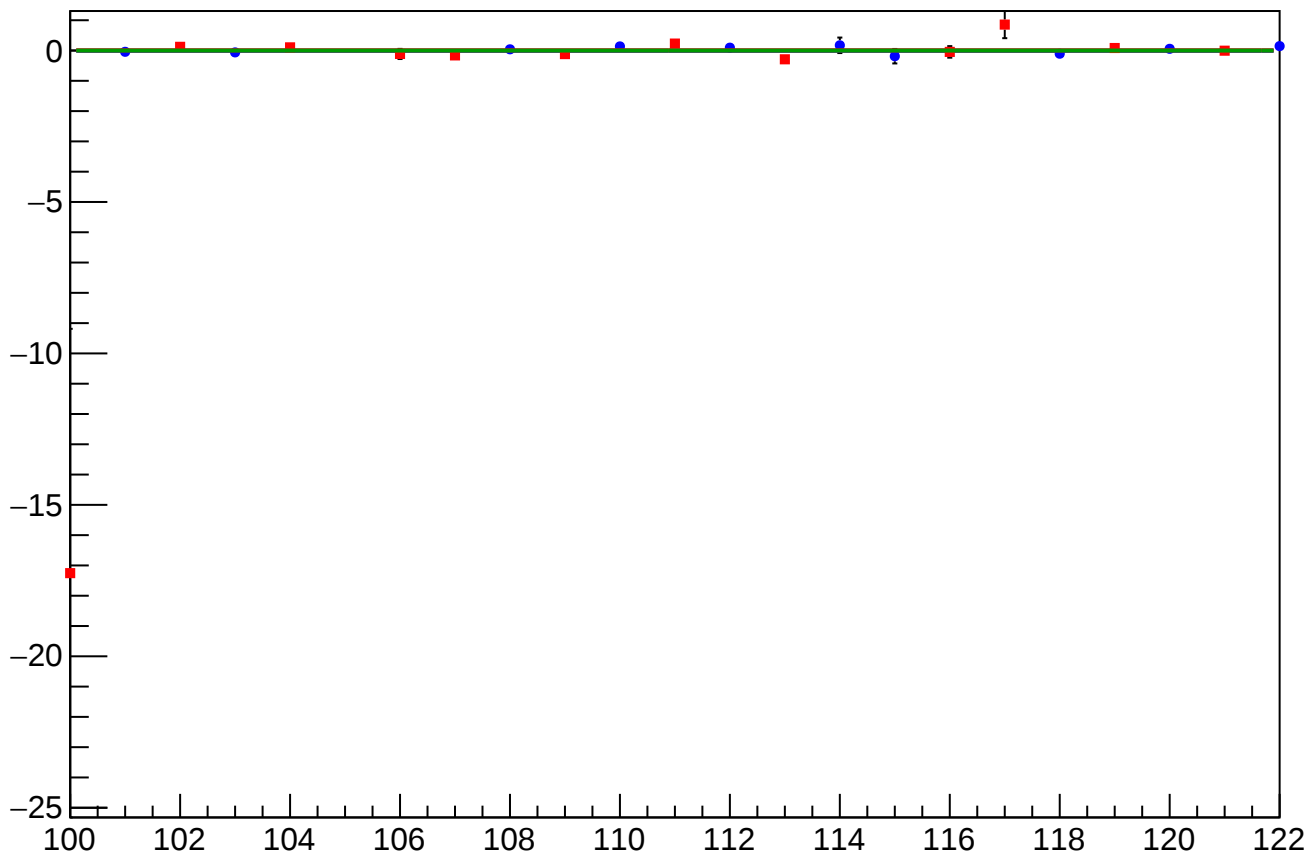
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.110+/-0.063 χ^2/NDF : 3.7/9

0.054+/-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: -0.007 $\pm$ 0.036 χ^2 /NDF: 6.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.007 $\pm$ 0.039 χ^2 /NDF: 21.6/11

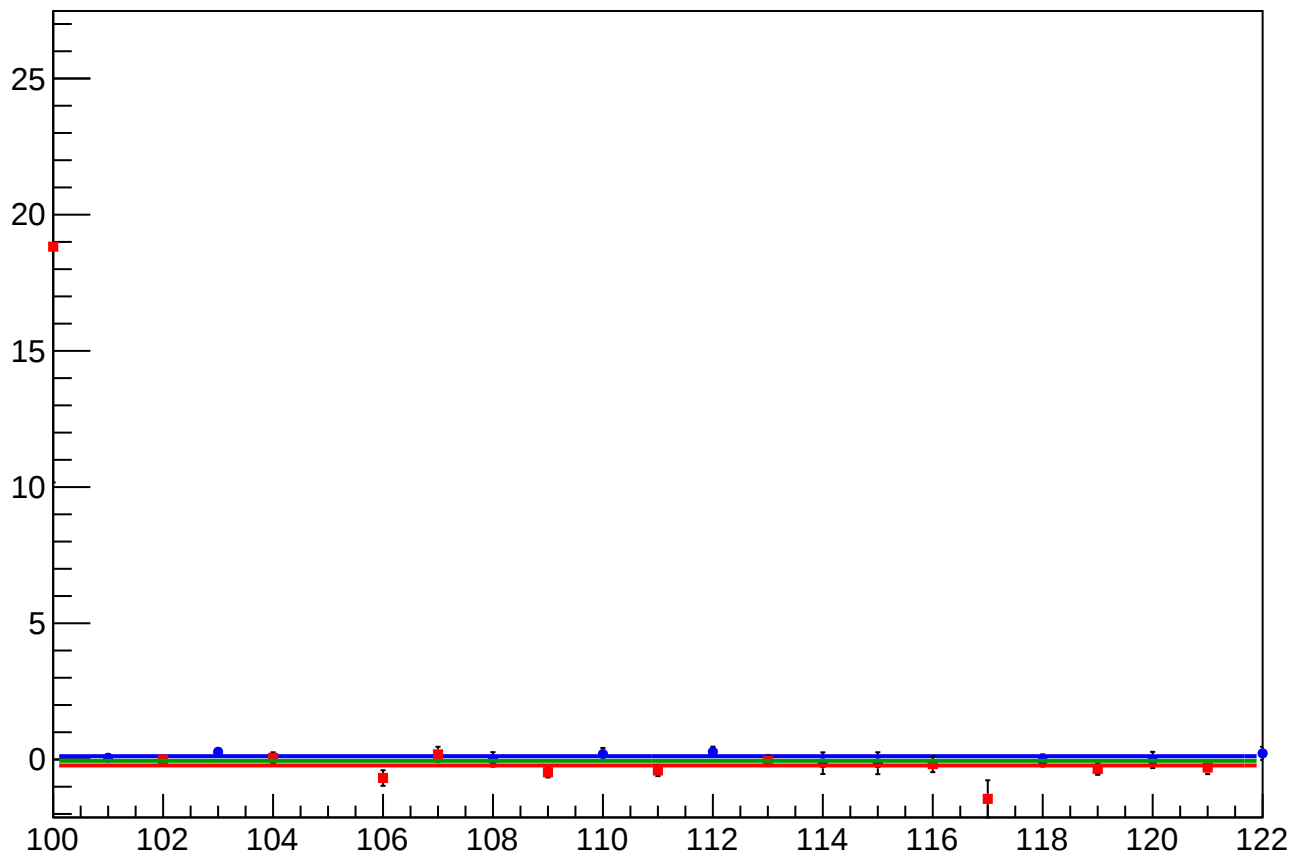
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.007 $\pm$ 0.036 χ^2 /NDF: 6.3/9

-0.001 $\pm$ 0.026 χ^2 /NDF: 27.9/21

0.007 $\pm$ 0.039 χ^2 /NDF: 21.6/11

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.121 ± 0.068 $\chi^2/\text{NDF}: 3.8/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.219 ± 0.069 $\chi^2/\text{NDF}: 20.0/11$

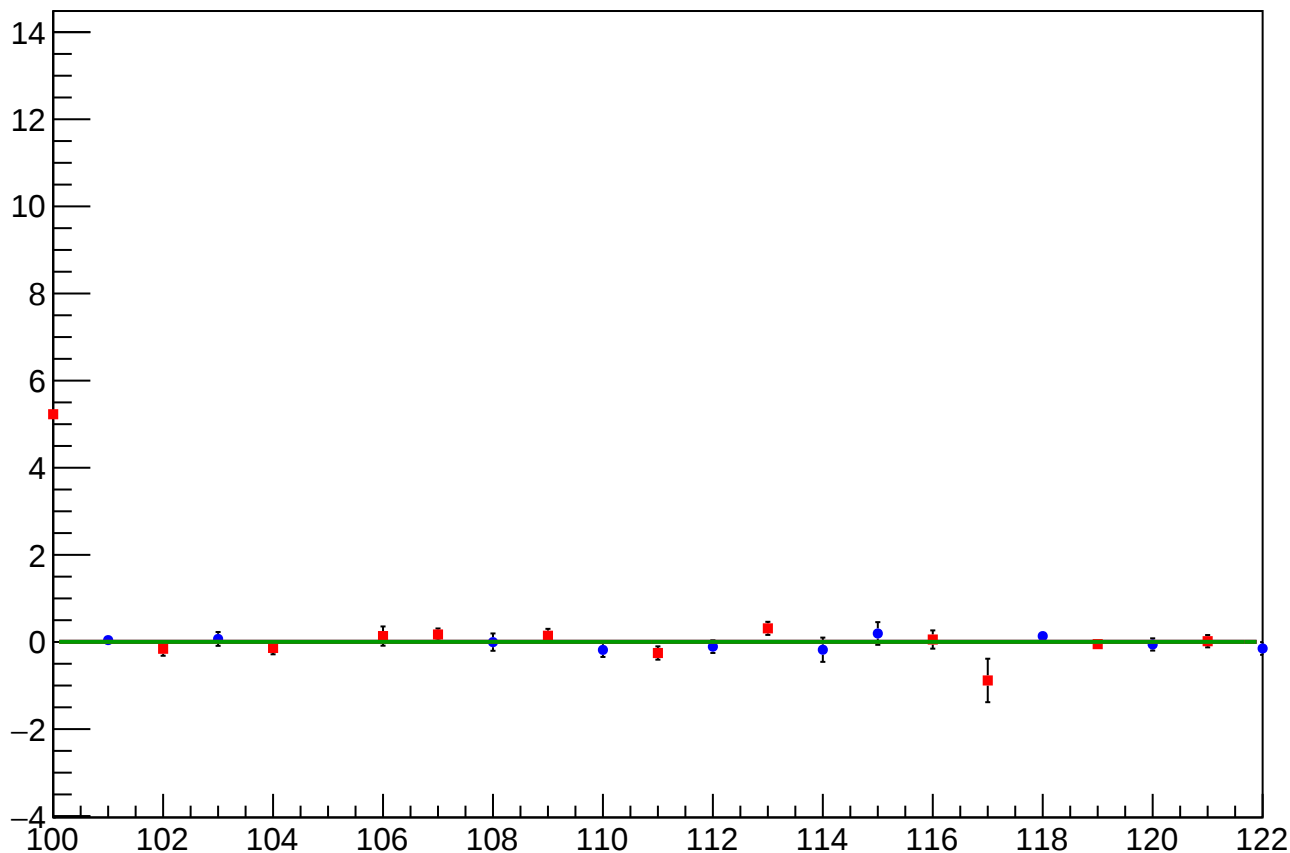
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

0.121 ± 0.068 $\chi^2/\text{NDF}: 3.8/9$

-0.048 ± 0.049 $\chi^2/\text{NDF}: 36.1/21$

-0.219 ± 0.069 $\chi^2/\text{NDF}: 20.0/11$

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.002+/-0.044 χ^2/NDF : 6.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.046 χ^2/NDF : 15.4/11

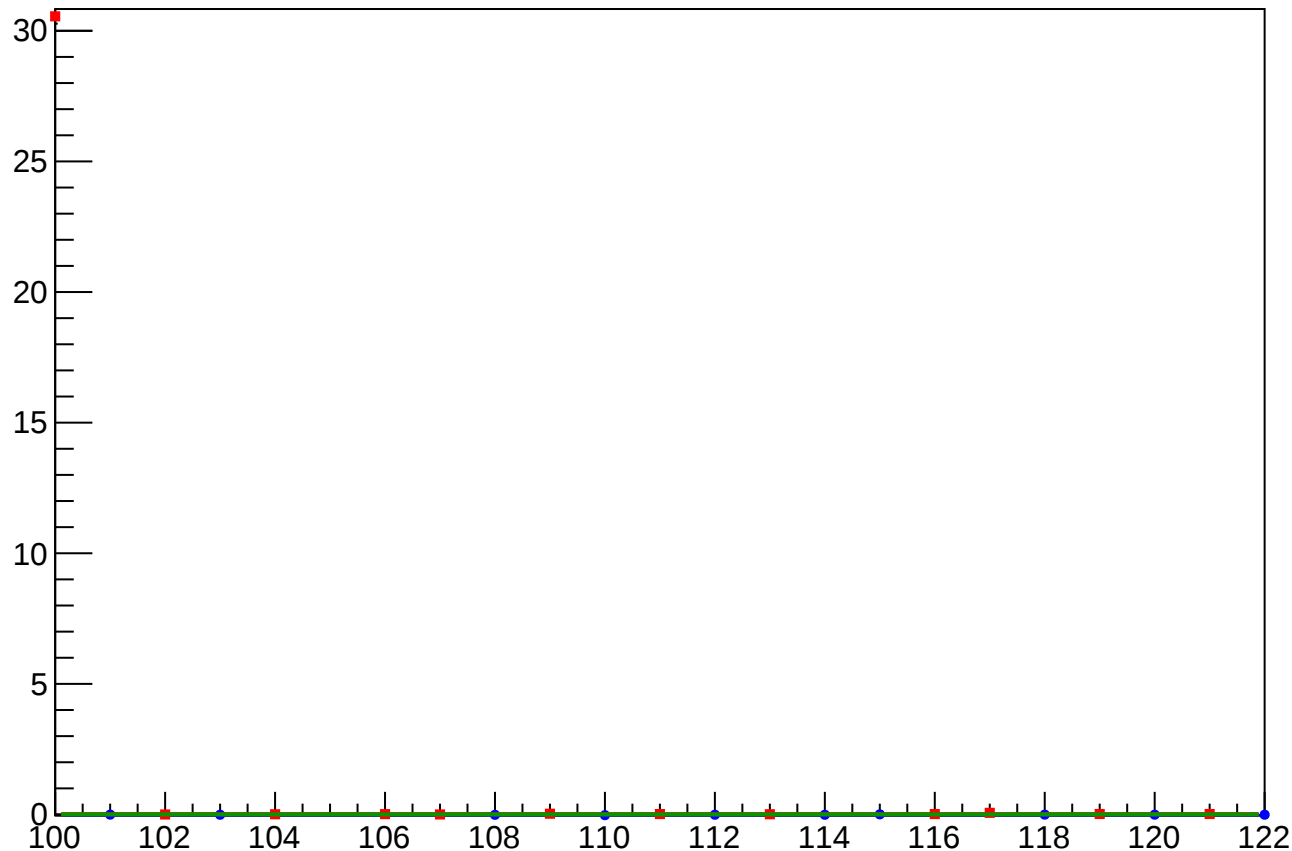
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.044 χ^2/NDF : 6.3/9

0.003+/-0.032 χ^2/NDF : 21.7/21

0.004+/-0.046 χ^2/NDF : 15.4/11

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.009 $\pm$ 0.002 χ^2 /NDF: 4.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.012 $\pm$ 0.002 χ^2 /NDF: 11885.8/11

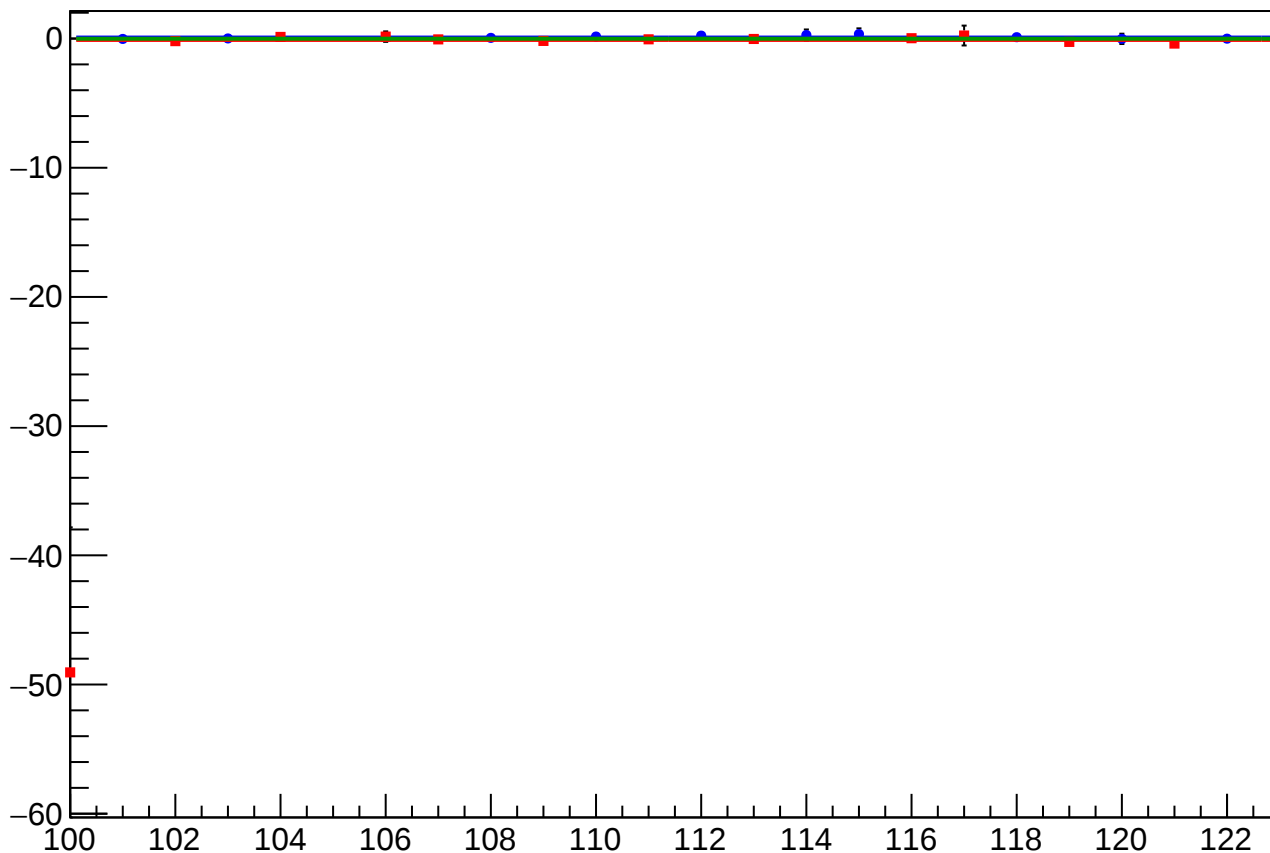
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-0.009 $\pm$ 0.002 χ^2 /NDF: 4.5/9

0.002 $\pm$ 0.002 χ^2 /NDF: 11934.8/21

0.012 $\pm$ 0.002 χ^2 /NDF: 11885.8/11

reg_asym_dsr_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 0.078+/-0.079 χ^2/NDF : 3.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.105+/-0.080 χ^2/NDF : 22.4/11

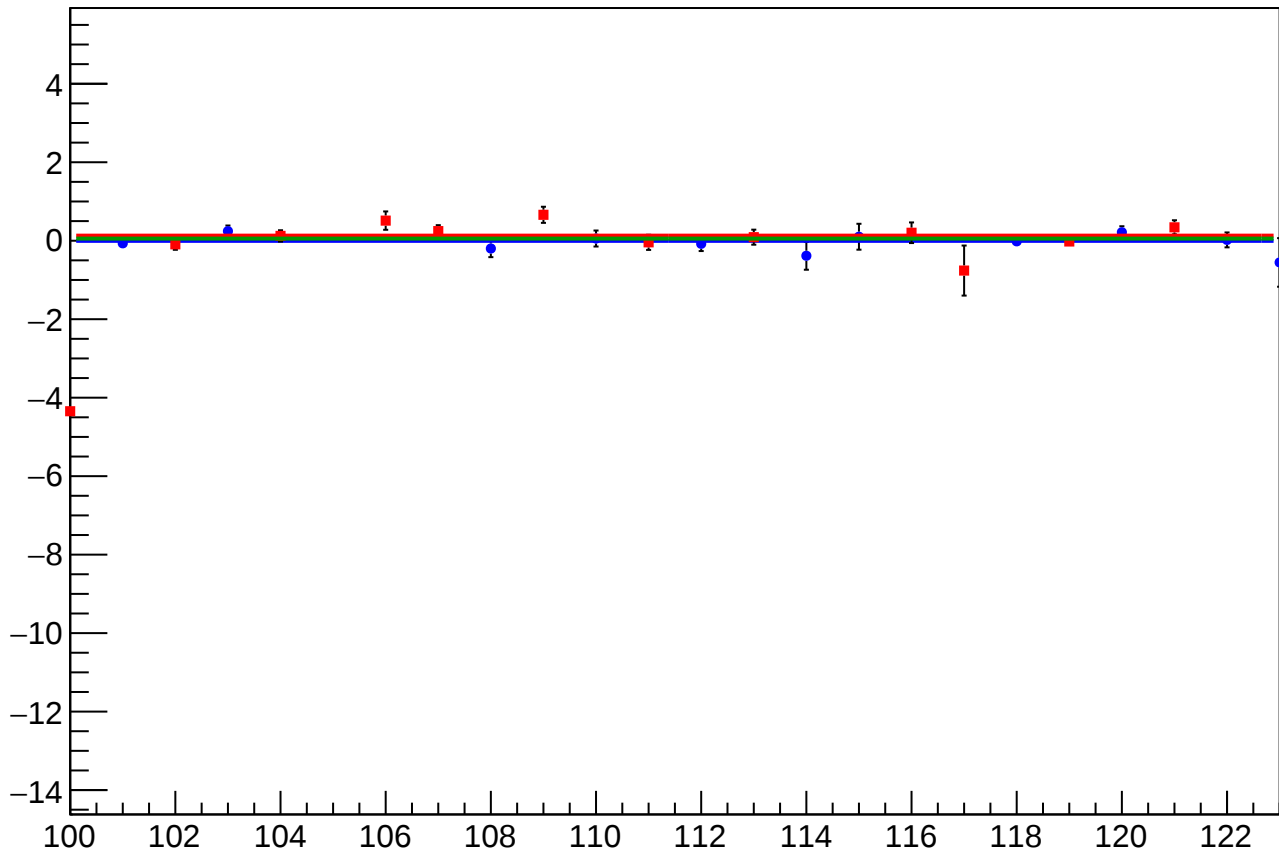
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.078+/-0.079 χ^2/NDF : 3.3/10

-0.011+/-0.056 χ^2/NDF : 28.3/22

-0.105+/-0.080 χ^2/NDF : 22.4/11

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.003 $\pm$ 0.045 χ^2 /NDF: 8.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.130 $\pm$ 0.052 χ^2 /NDF: 18.8/11

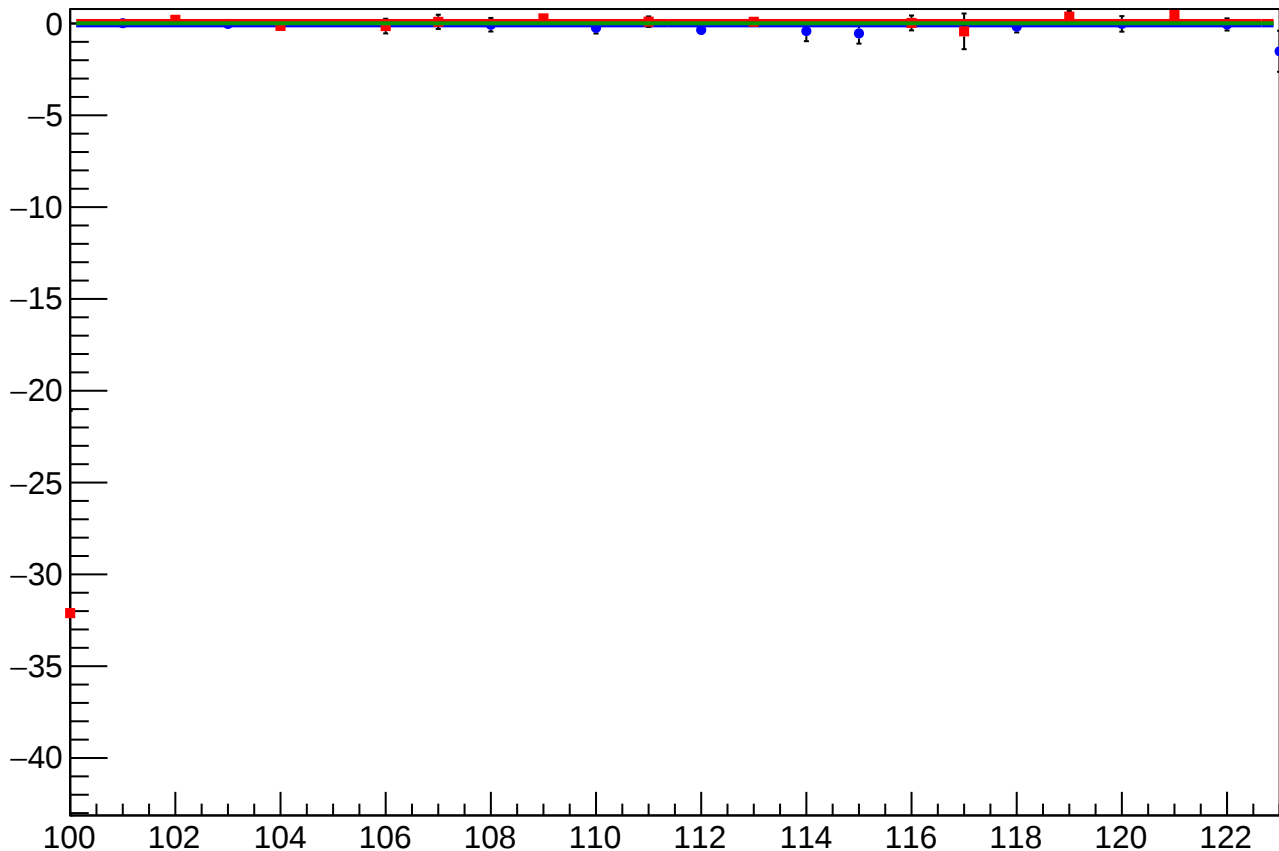
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.003 $\pm$ 0.045 χ^2 /NDF: 8.9/10

0.054 $\pm$ 0.034 χ^2 /NDF: 31.4/22

0.130 $\pm$ 0.052 χ^2 /NDF: 18.8/11

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.102 ± 0.084 χ^2/NDF : 4.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.137 ± 0.090 χ^2/NDF : 12.8/11

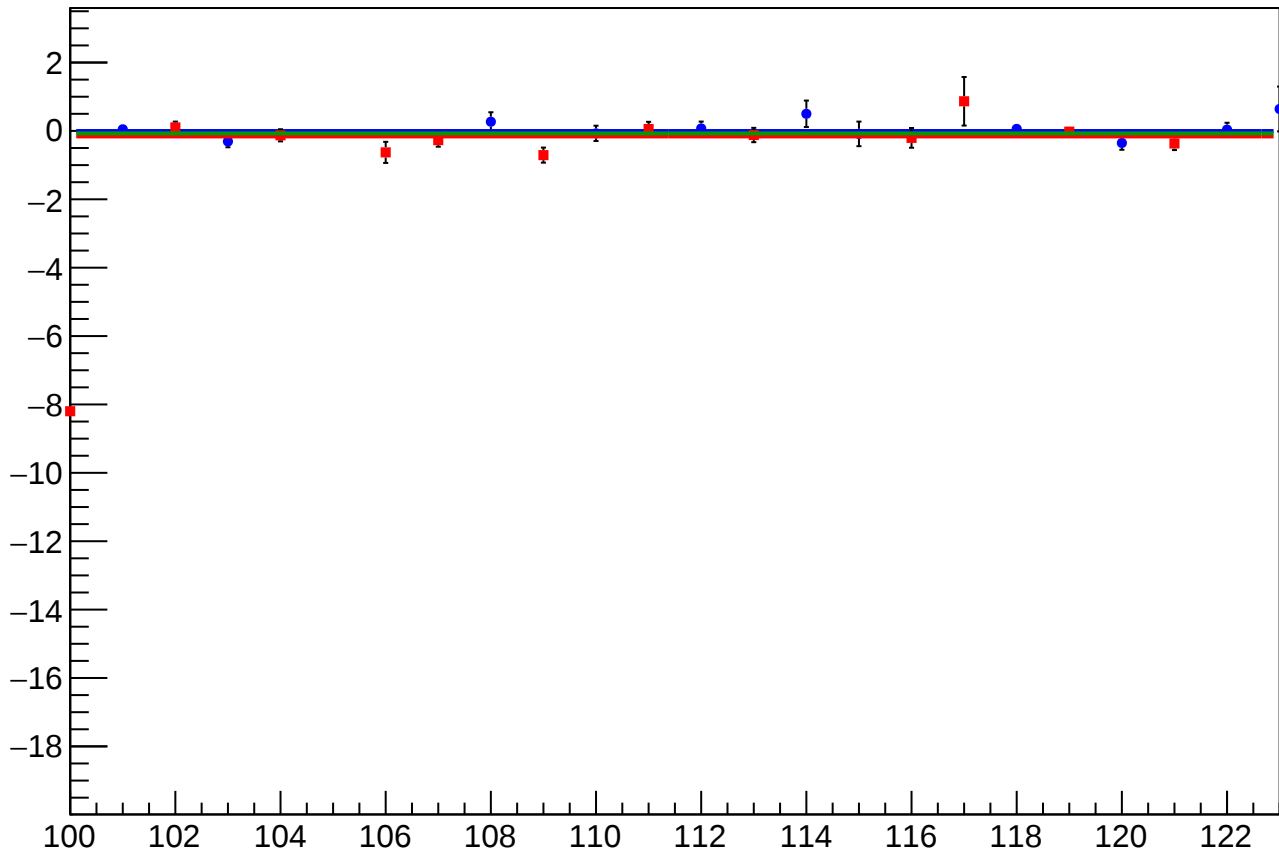
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.102 ± 0.084 χ^2/NDF : 4.6/10

0.009 ± 0.061 χ^2/NDF : 21.2/22

0.137 ± 0.090 χ^2/NDF : 12.8/11

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.004 ± 0.054 χ^2/NDF : 10.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.161 ± 0.062 χ^2/NDF : 17.0/11

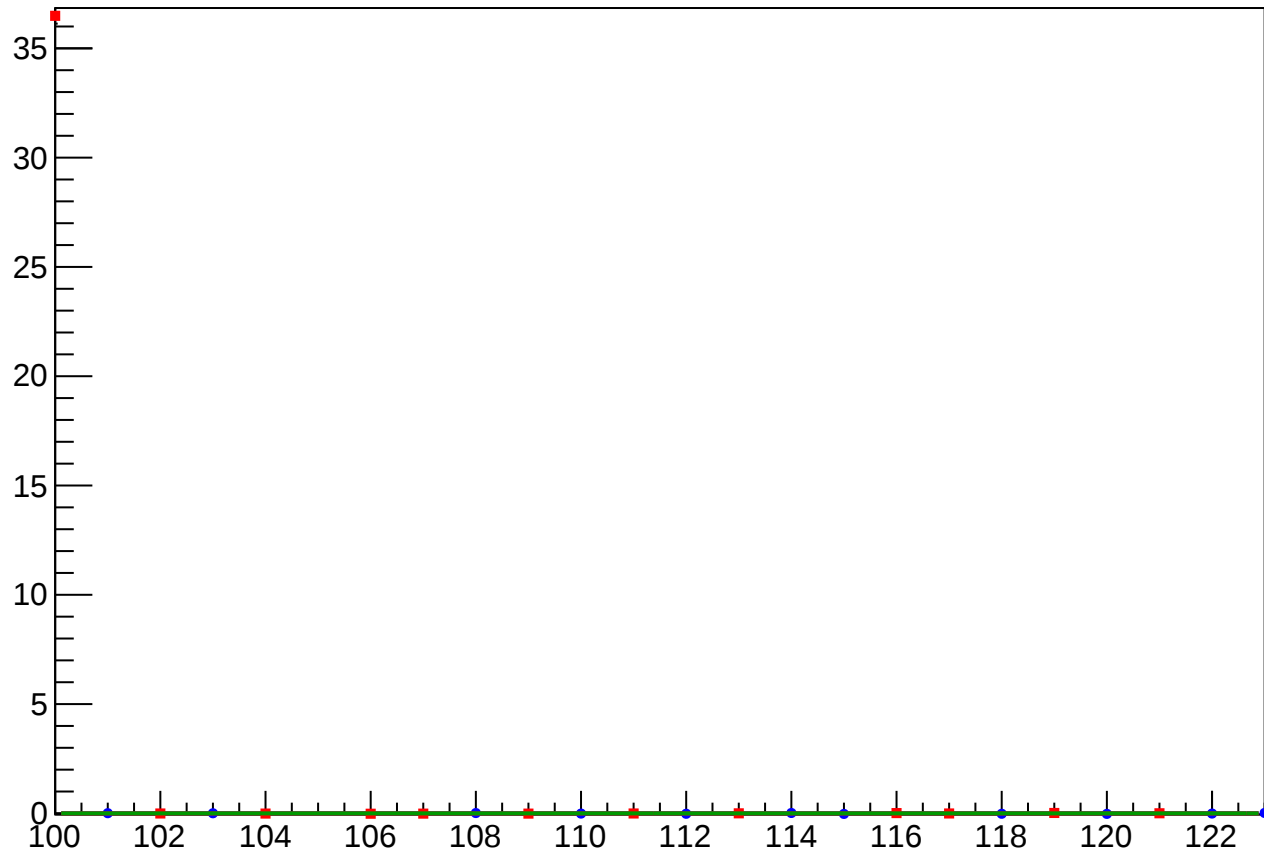
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.004 ± 0.054 χ^2/NDF : 10.7/10

-0.072 ± 0.041 χ^2/NDF : 31.4/22

-0.161 ± 0.062 χ^2/NDF : 17.0/11

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.003 χ^2 /NDF: 14.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.003 $\pm$ 0.003 χ^2 /NDF: 10437.6/11

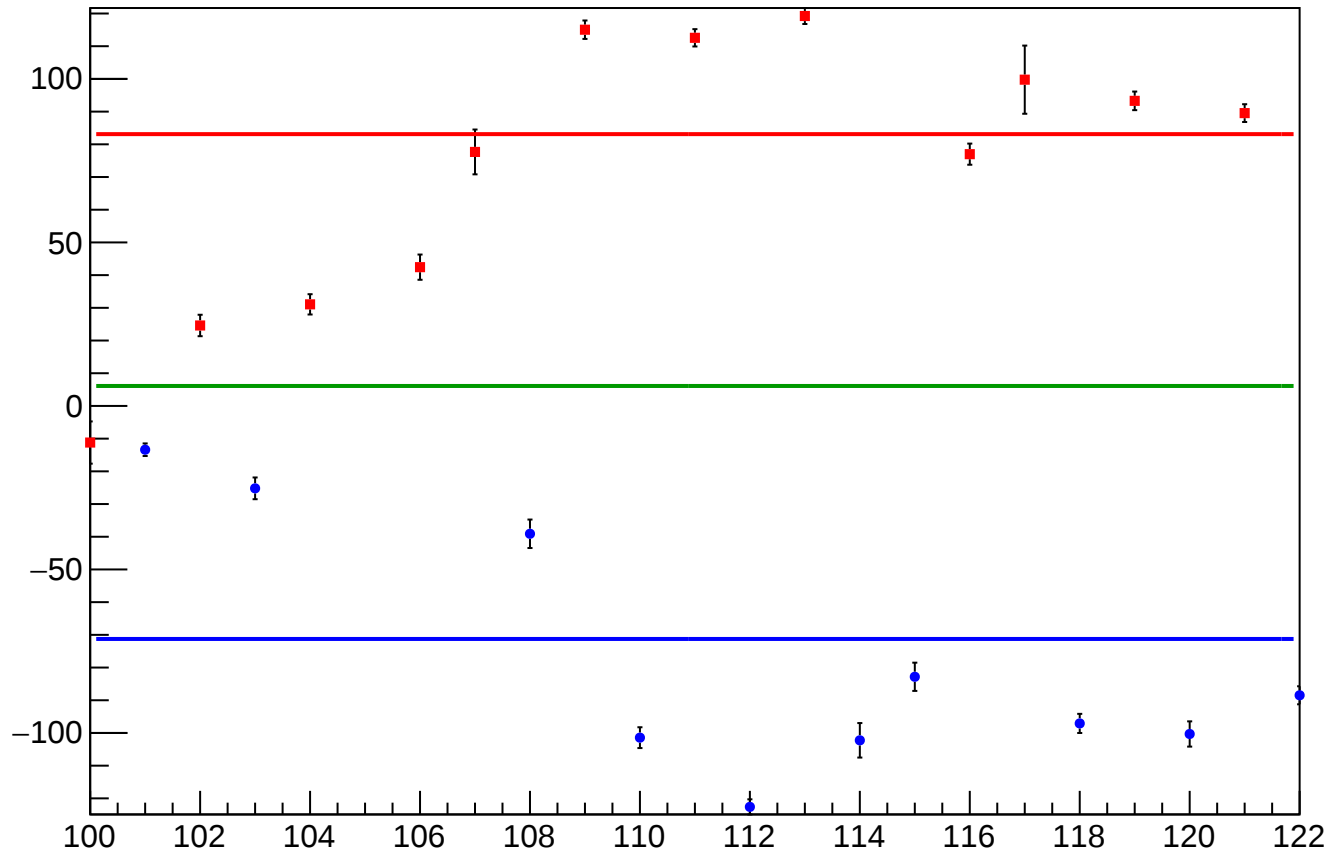
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.003 $\pm$ 0.003 χ^2 /NDF: 14.4/10

-0.000 $\pm$ 0.002 χ^2 /NDF: 10454.5/22

-0.003 $\pm$ 0.003 χ^2 /NDF: 10437.6/11

reg_asym_us_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -71.255+/-0.952 χ^2/NDF : 1949.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.116+/-0.950 χ^2/NDF : 1420.2/11

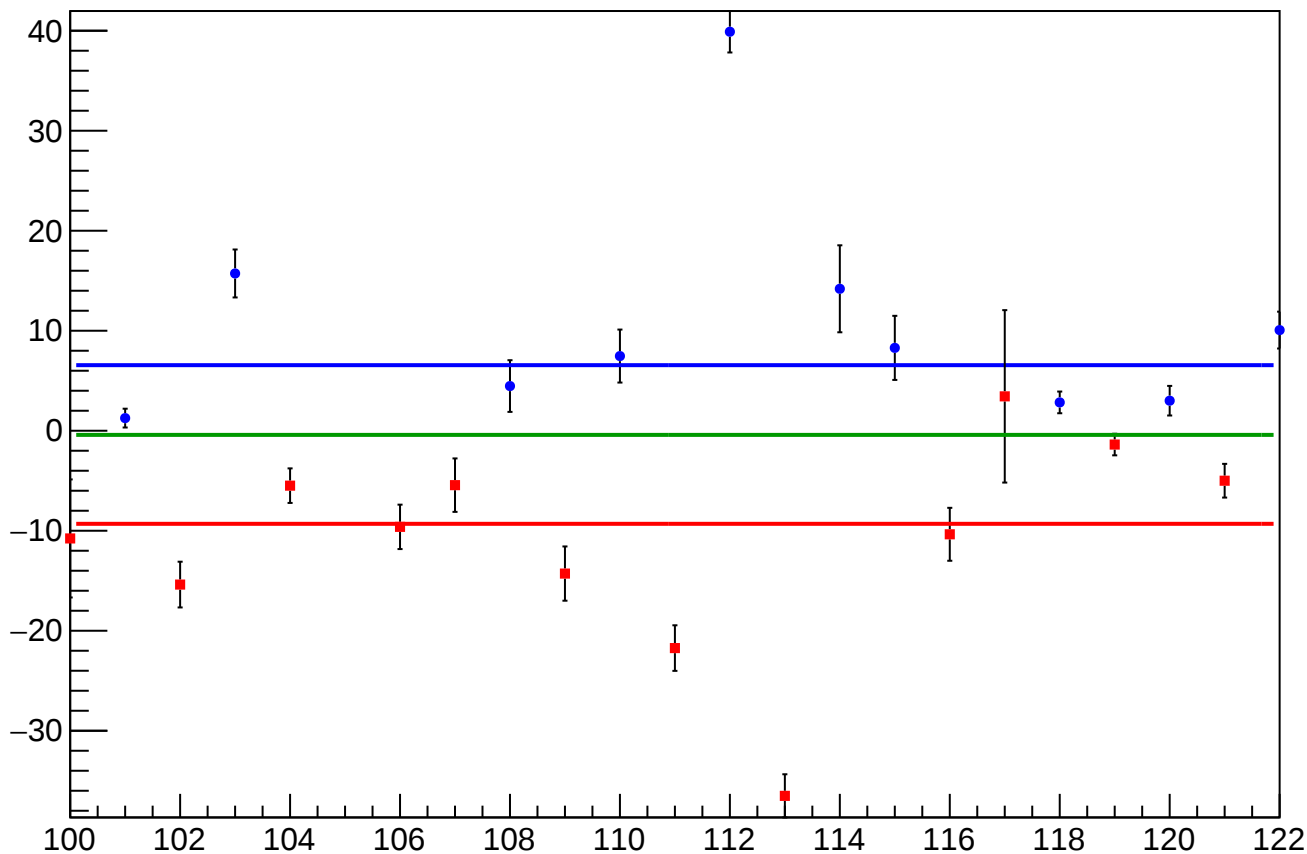
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-71.255+/-0.952 χ^2/NDF : 1949.3/9

6.106+/-0.672 χ^2/NDF : 16554.7/21

83.116+/-0.950 χ^2/NDF : 1420.2/11

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.557 ± 0.528 $\chi^2/\text{NDF}: 330.3/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -9.307 ± 0.597 $\chi^2/\text{NDF}: 268.8/11$

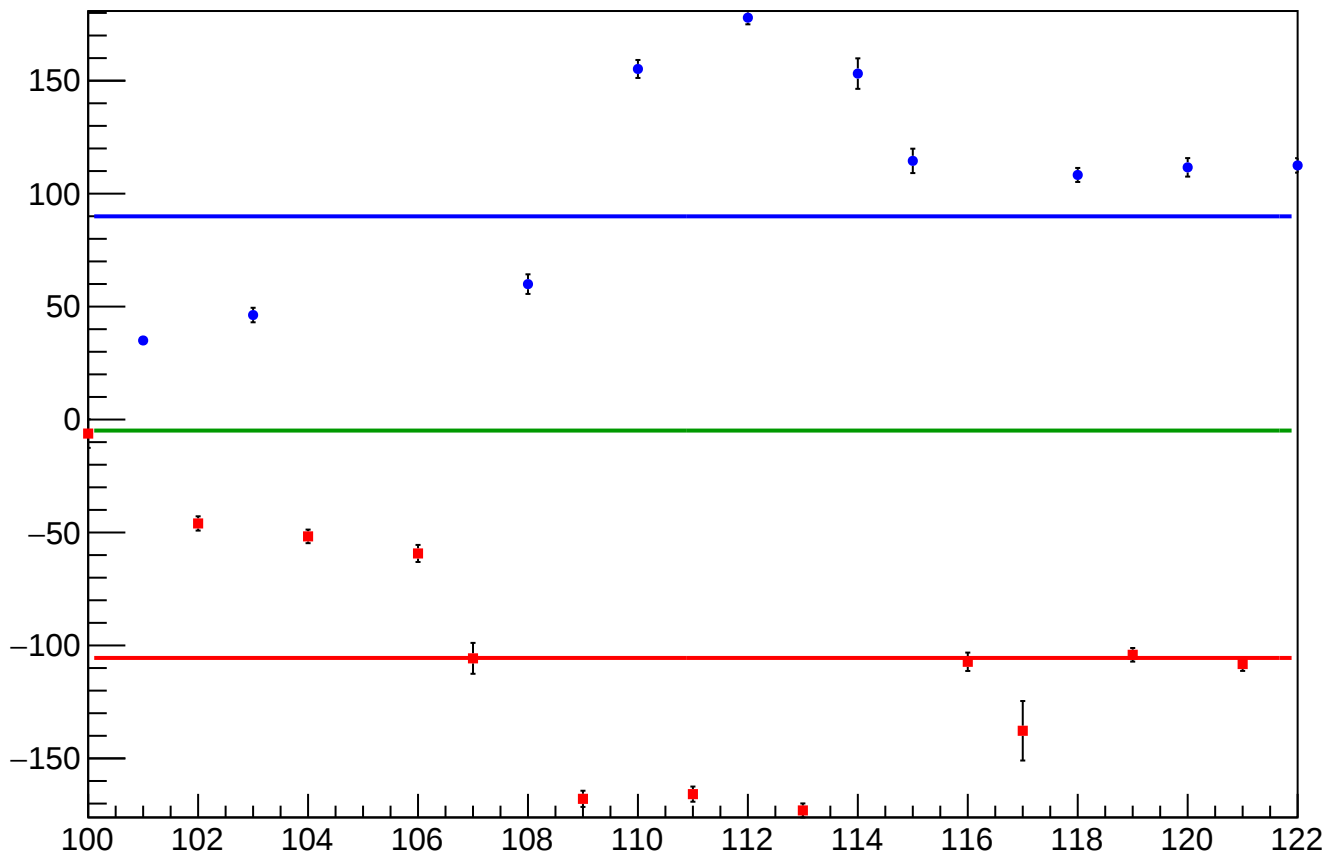
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

6.557 ± 0.528 $\chi^2/\text{NDF}: 330.3/9$

-0.415 ± 0.396 $\chi^2/\text{NDF}: 995.2/21$

-9.307 ± 0.597 $\chi^2/\text{NDF}: 268.8/11$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 89.954+/-1.034 χ^2/NDF : 2490.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -105.531+/-1.065 χ^2/NDF : 2175.4/11

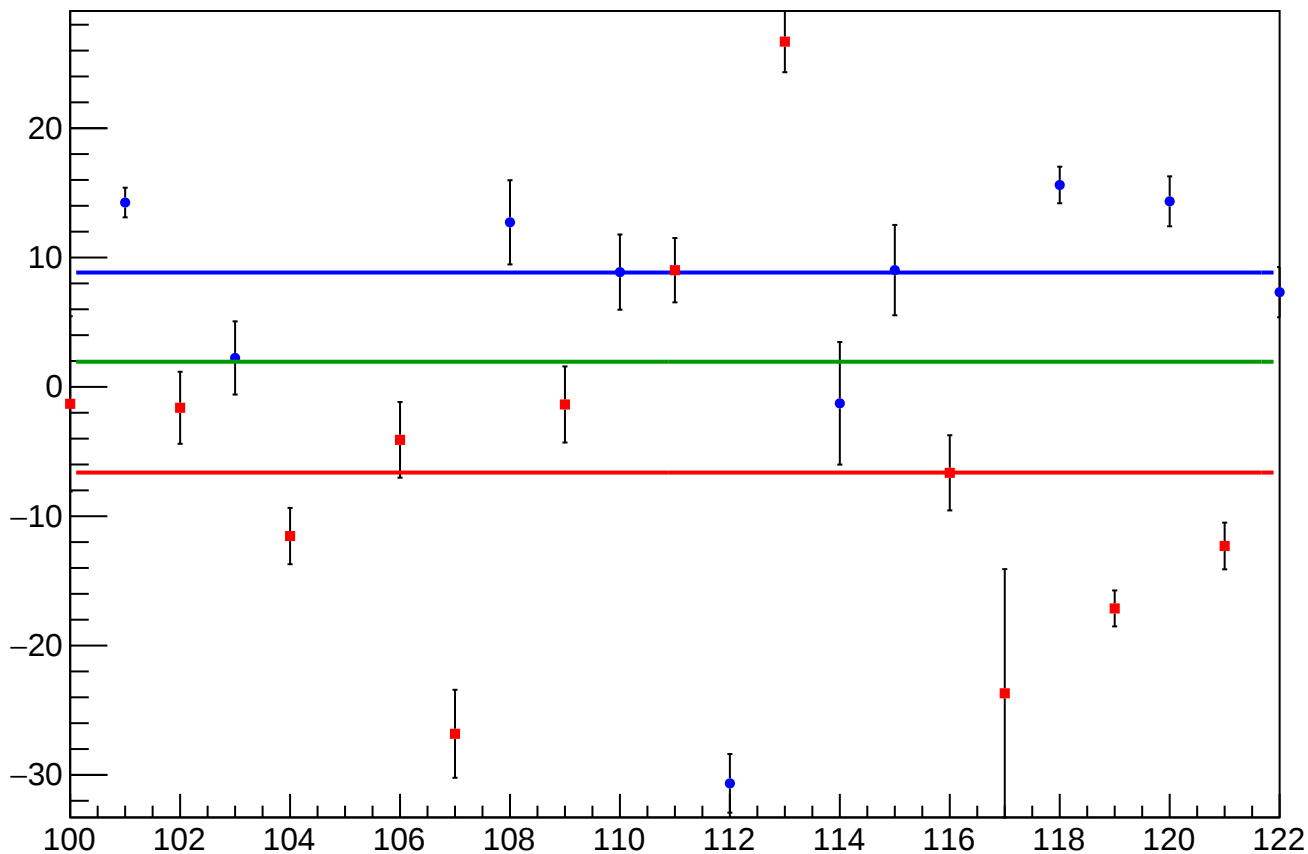
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

89.954+/-1.034 χ^2/NDF : 2490.7/9

-4.877+/-0.742 χ^2/NDF : 22013.9/21

-105.531+/-1.065 χ^2/NDF : 2175.4/11

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.841 ± 0.638 χ^2/NDF : 369.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.624 ± 0.712 χ^2/NDF : 356.2/11

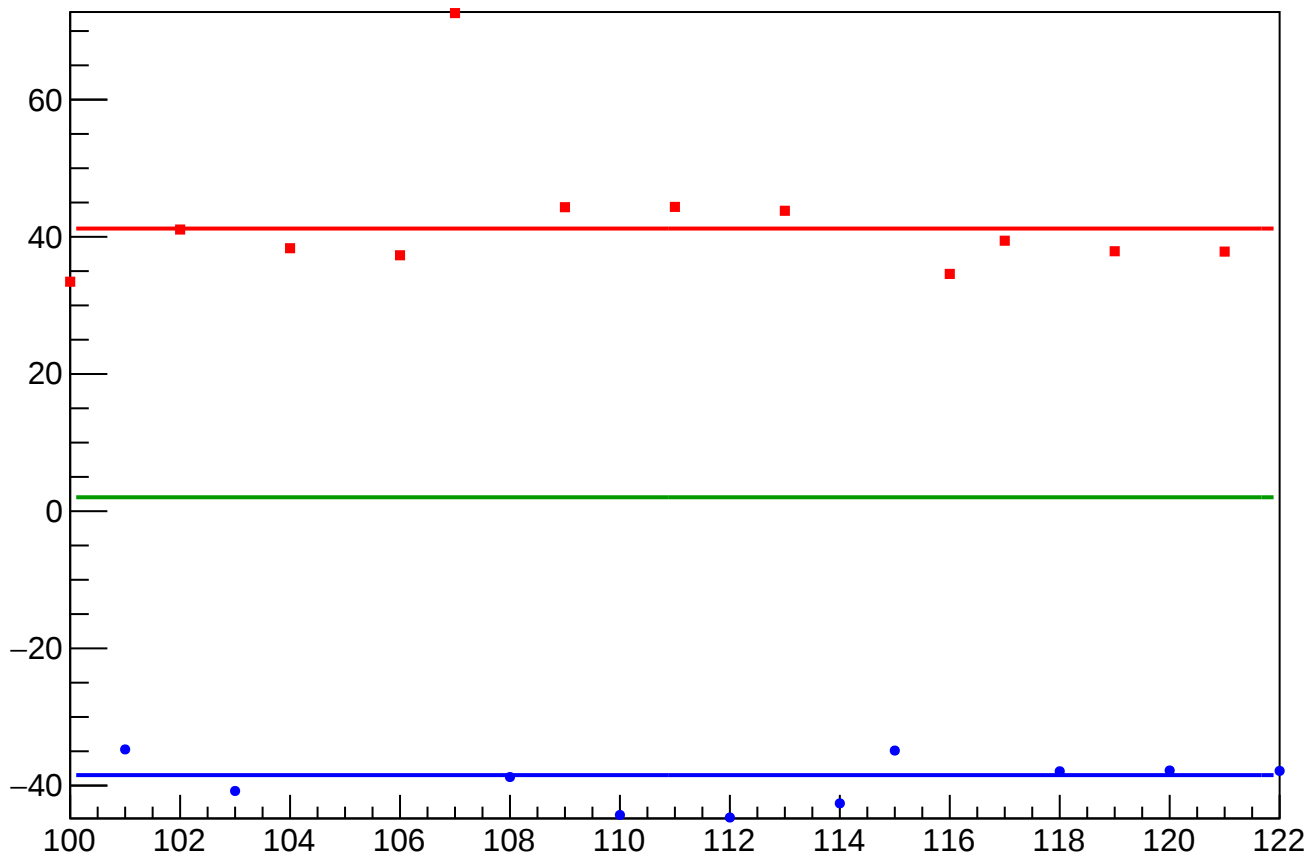
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

8.841 ± 0.638 χ^2/NDF : 369.0/9

1.944 ± 0.475 χ^2/NDF : 986.9/21

-6.624 ± 0.712 χ^2/NDF : 356.2/11

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.475+/-0.036 χ^2/NDF : 7590.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.206+/-0.035 χ^2/NDF : 48081.2/11

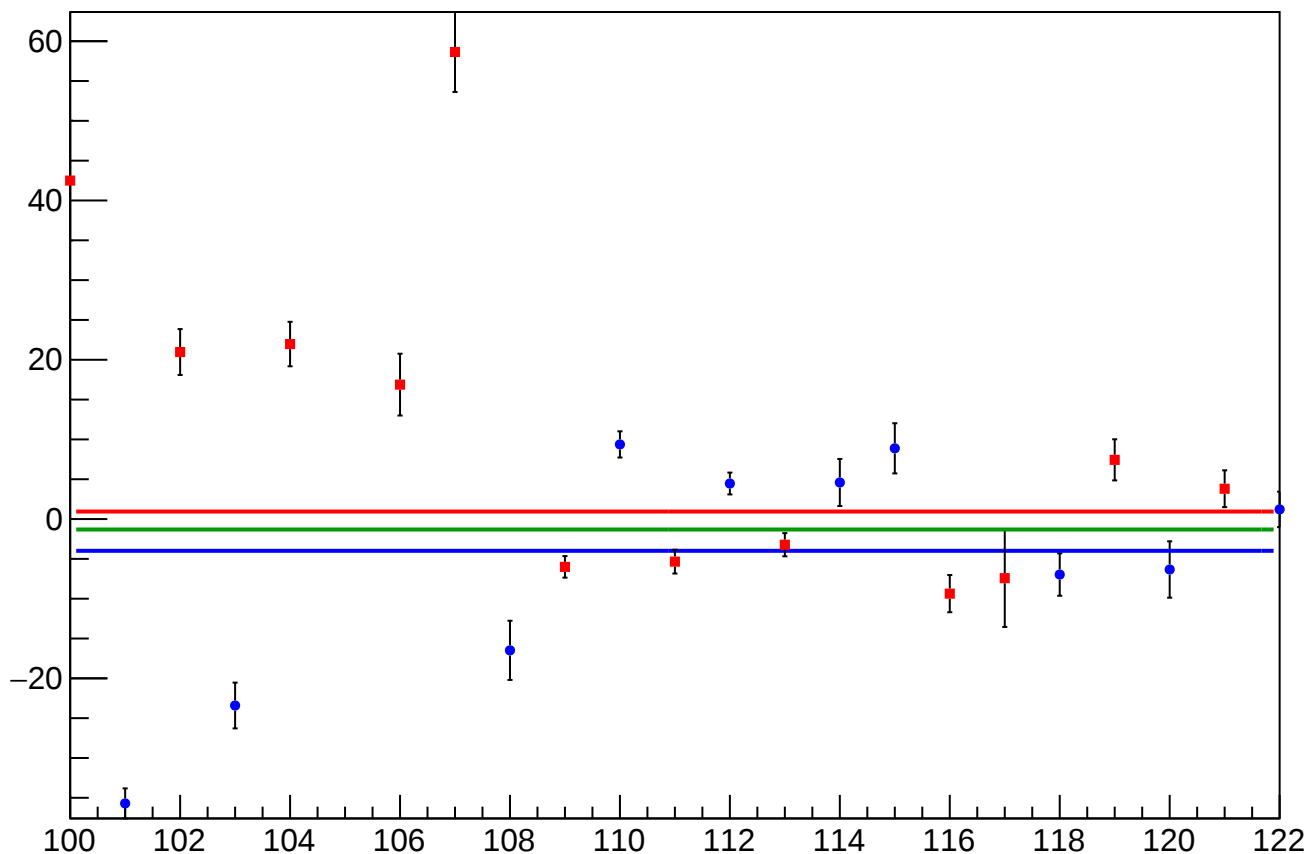
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-38.475+/-0.036 χ^2/NDF : 7590.6/9

2.031+/-0.025 χ^2/NDF : 2561802.0/21

41.206+/-0.035 χ^2/NDF : 48081.2/11

reg_asym_us_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -3.987 ± 0.705 $\chi^2/\text{NDF}: 475.2/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.943 ± 0.647 $\chi^2/\text{NDF}: 365.8/11$

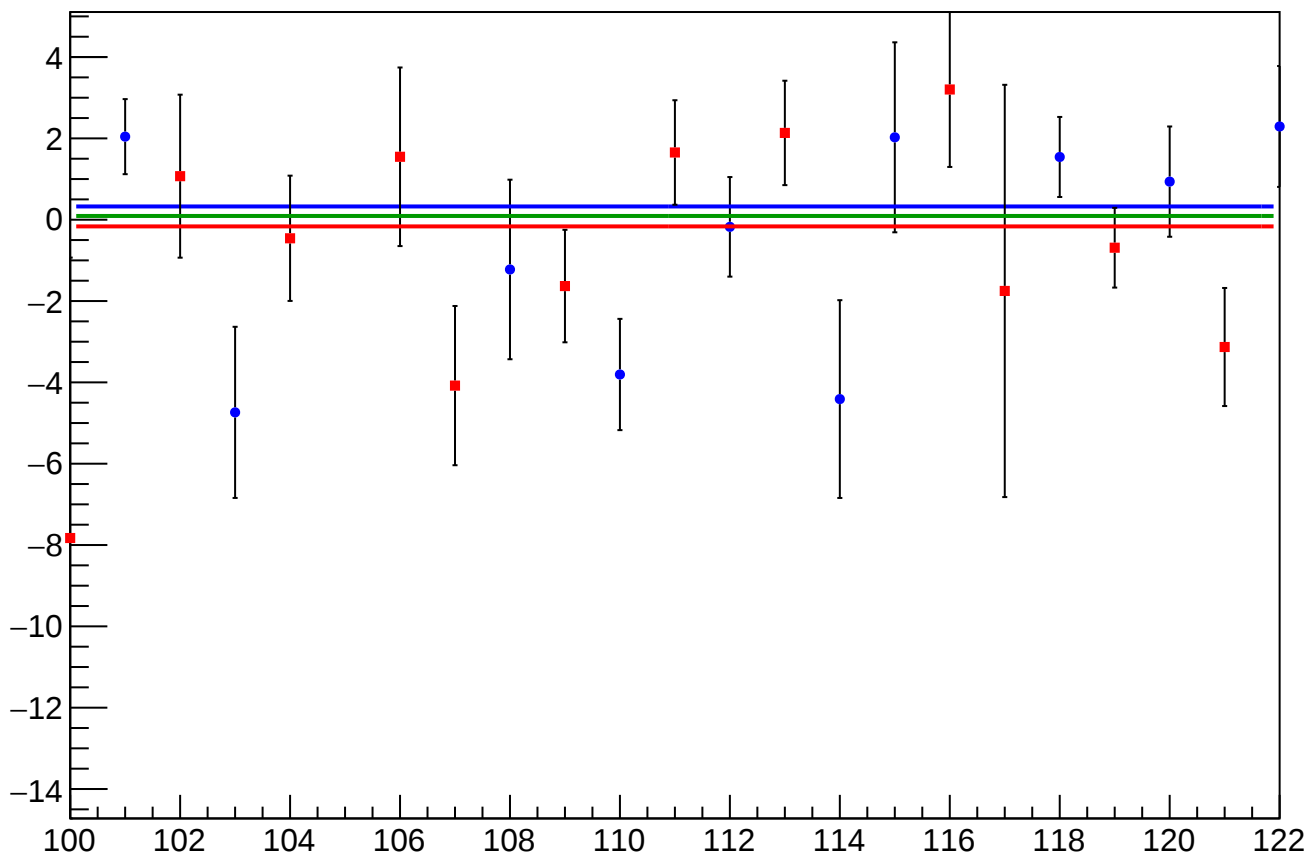
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-3.987 ± 0.705 $\chi^2/\text{NDF}: 475.2/9$

-1.313 ± 0.477 $\chi^2/\text{NDF}: 867.6/21$

0.943 ± 0.647 $\chi^2/\text{NDF}: 365.8/11$

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.326+/-0.439 χ^2/NDF : 26.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.164+/-0.460 χ^2/NDF : 20.3/11

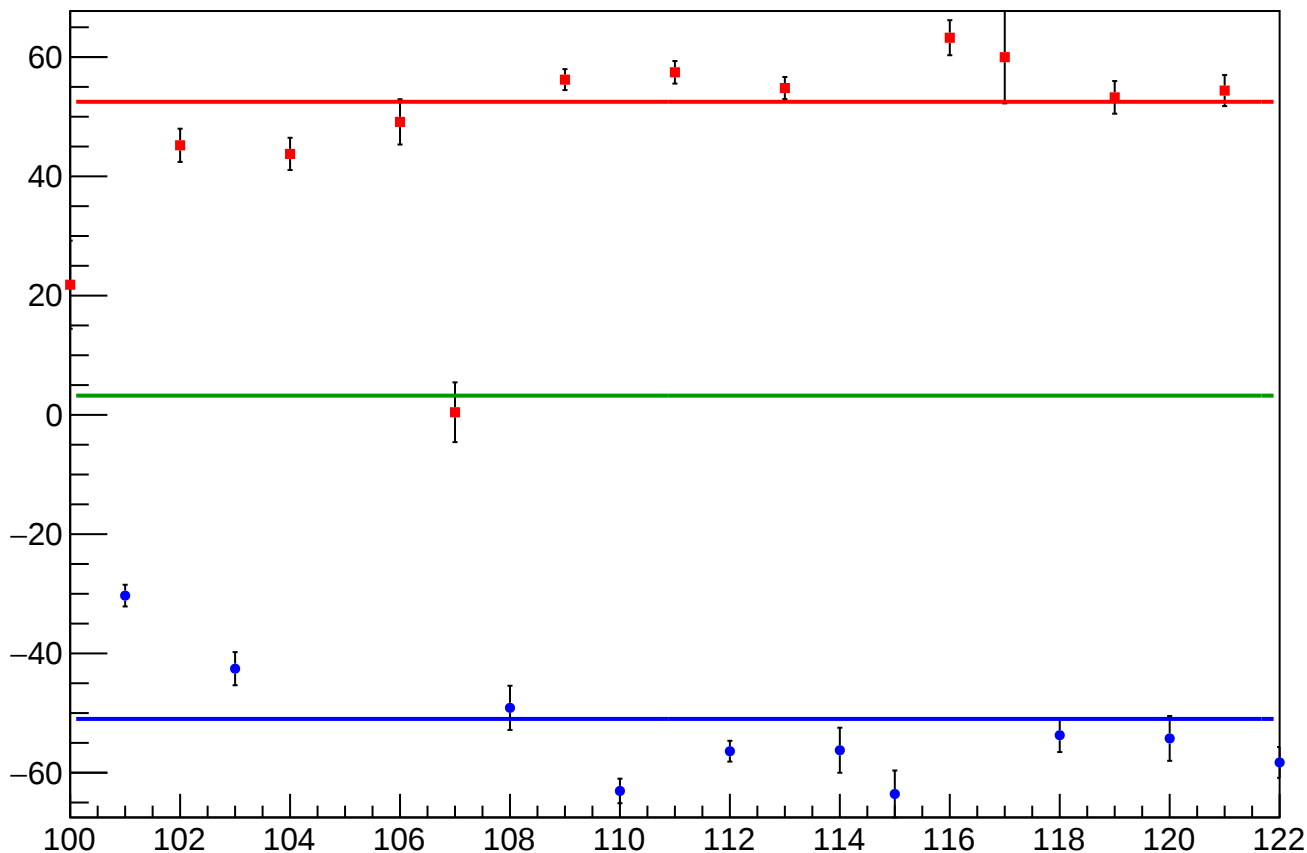
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.326+/-0.439 χ^2/NDF : 26.8/9

0.092+/-0.318 χ^2/NDF : 47.7/21

-0.164+/-0.460 χ^2/NDF : 20.3/11

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.980 ± 0.804 $\chi^2/\text{NDF}: 204.4/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 52.506 ± 0.766 $\chi^2/\text{NDF}: 171.1/11$

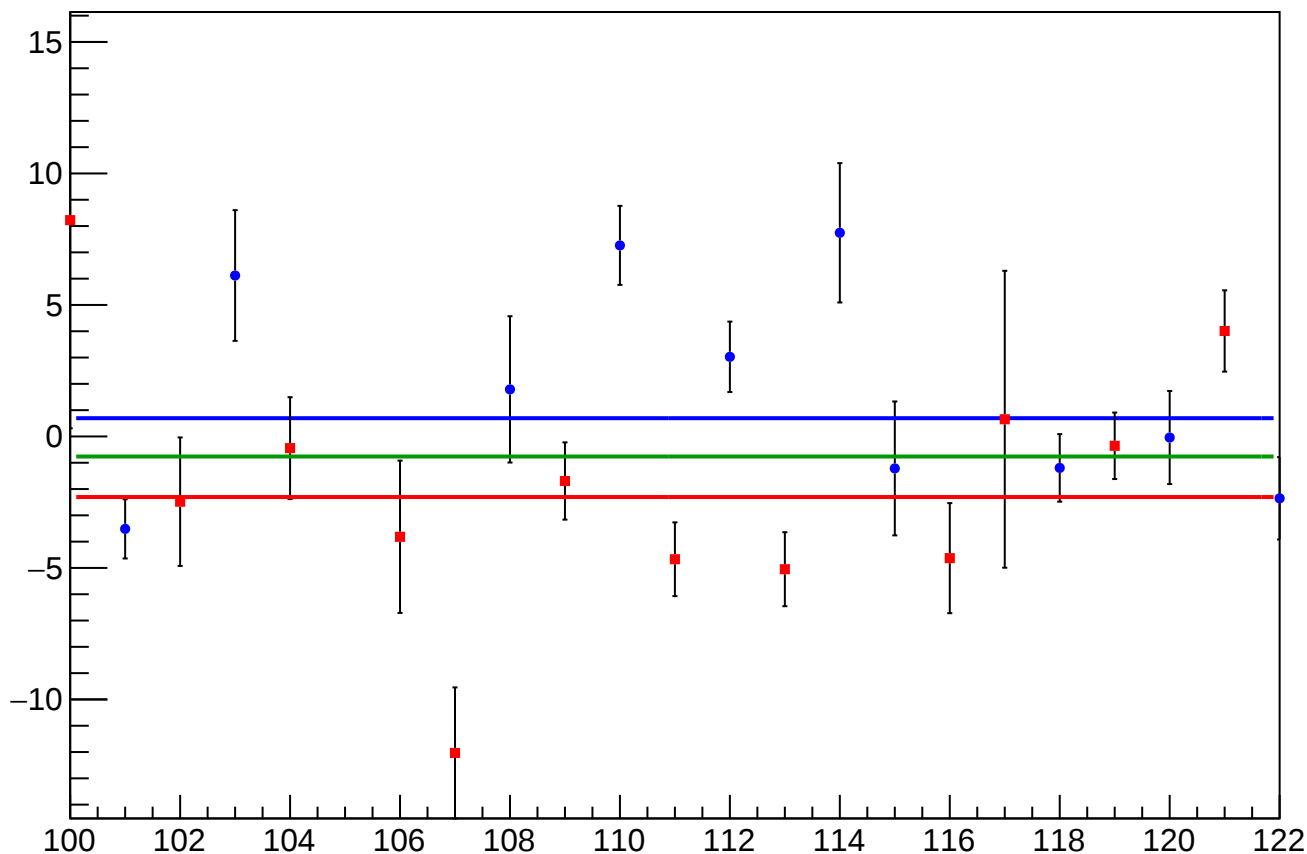
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-50.980 ± 0.804 $\chi^2/\text{NDF}: 204.4/9$

3.231 ± 0.555 $\chi^2/\text{NDF}: 9061.4/21$

52.506 ± 0.766 $\chi^2/\text{NDF}: 171.1/11$

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.694+/-0.519 χ^2/NDF : 54.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.303+/-0.534 χ^2/NDF : 45.6/11

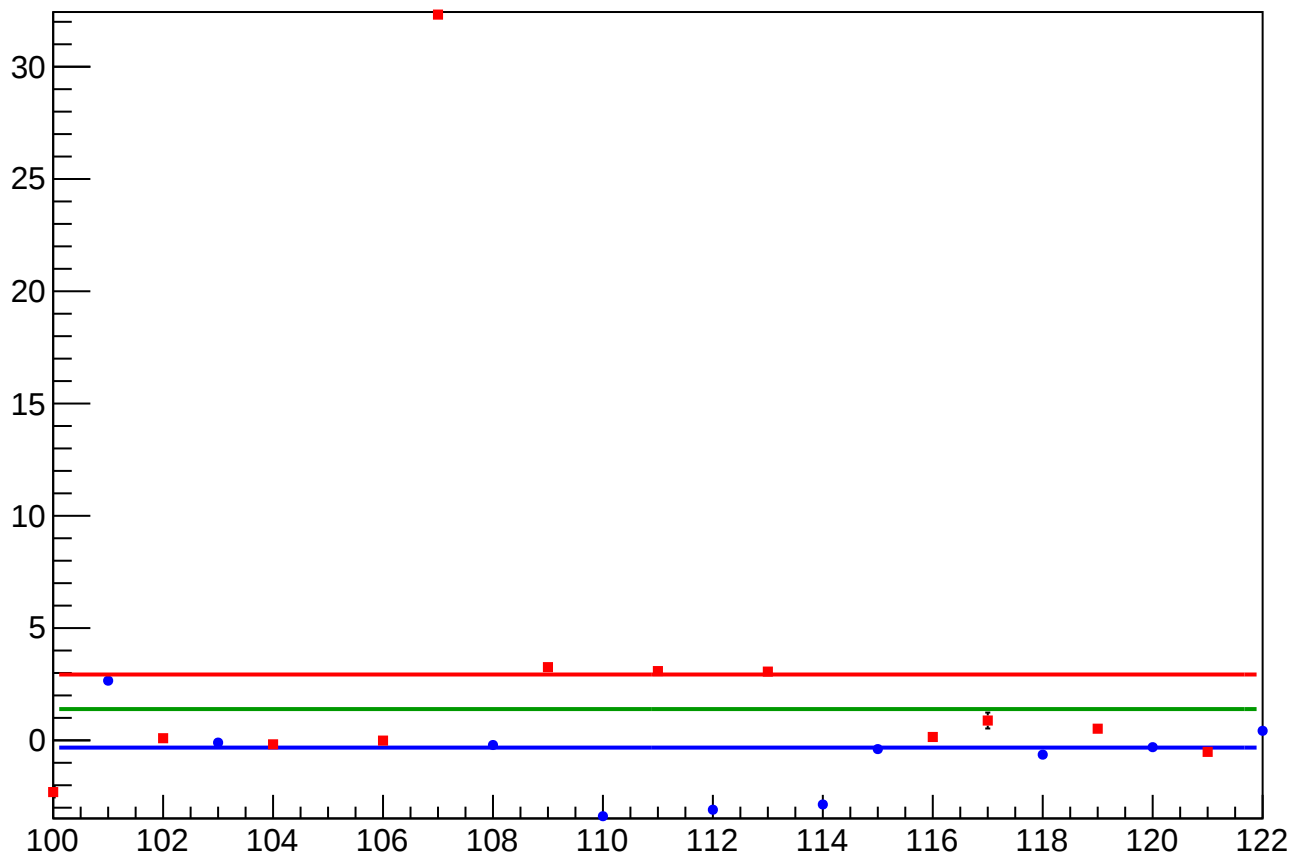
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.694+/-0.519 χ^2/NDF : 54.8/9

-0.763+/-0.372 χ^2/NDF : 116.7/21

-2.303+/-0.534 χ^2/NDF : 45.6/11

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.323+/-0.030 χ^2/NDF : 4448.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.932+/-0.028 χ^2/NDF : 72318.2/11

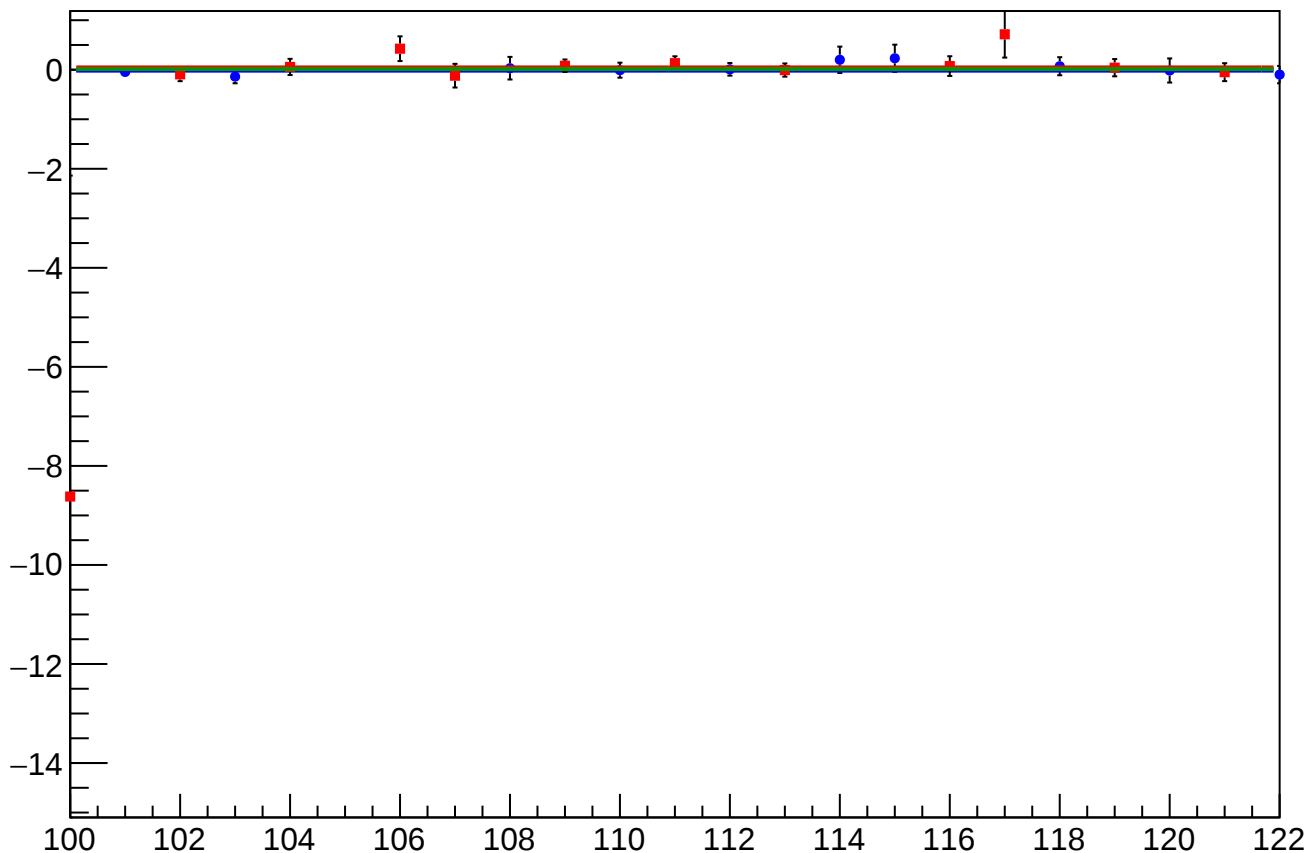
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.323+/-0.030 χ^2/NDF : 4448.0/9

1.393+/-0.020 χ^2/NDF : 83172.3/21

2.932+/-0.028 χ^2/NDF : 72318.2/11

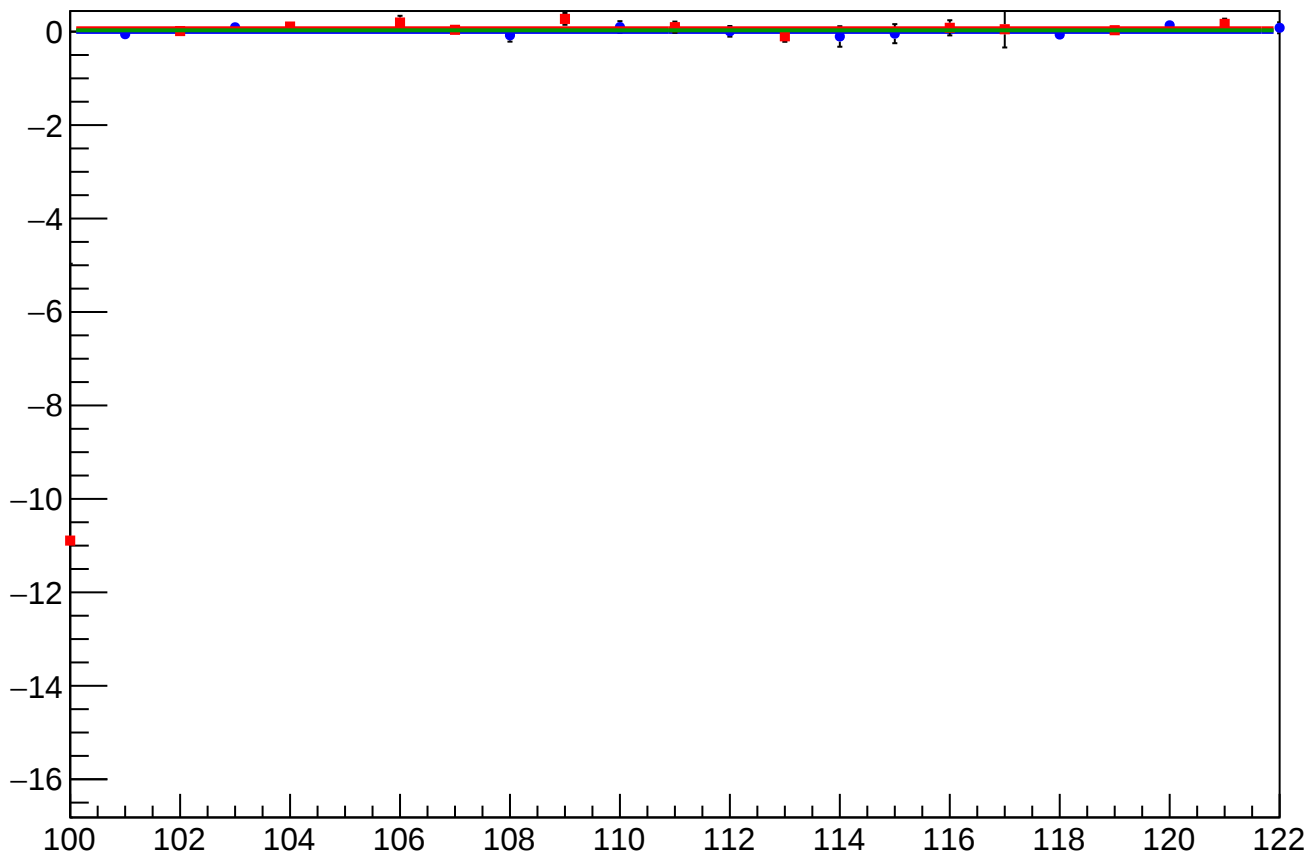
reg_asym_ds_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.018+/-0.051 χ^2/NDF : 2.9/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.047+/-0.051 χ^2/NDF : 8.6/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.018+/-0.051 χ^2/NDF : 2.9/9
 0.015+/-0.036 χ^2/NDF : 12.3/21
 0.047+/-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

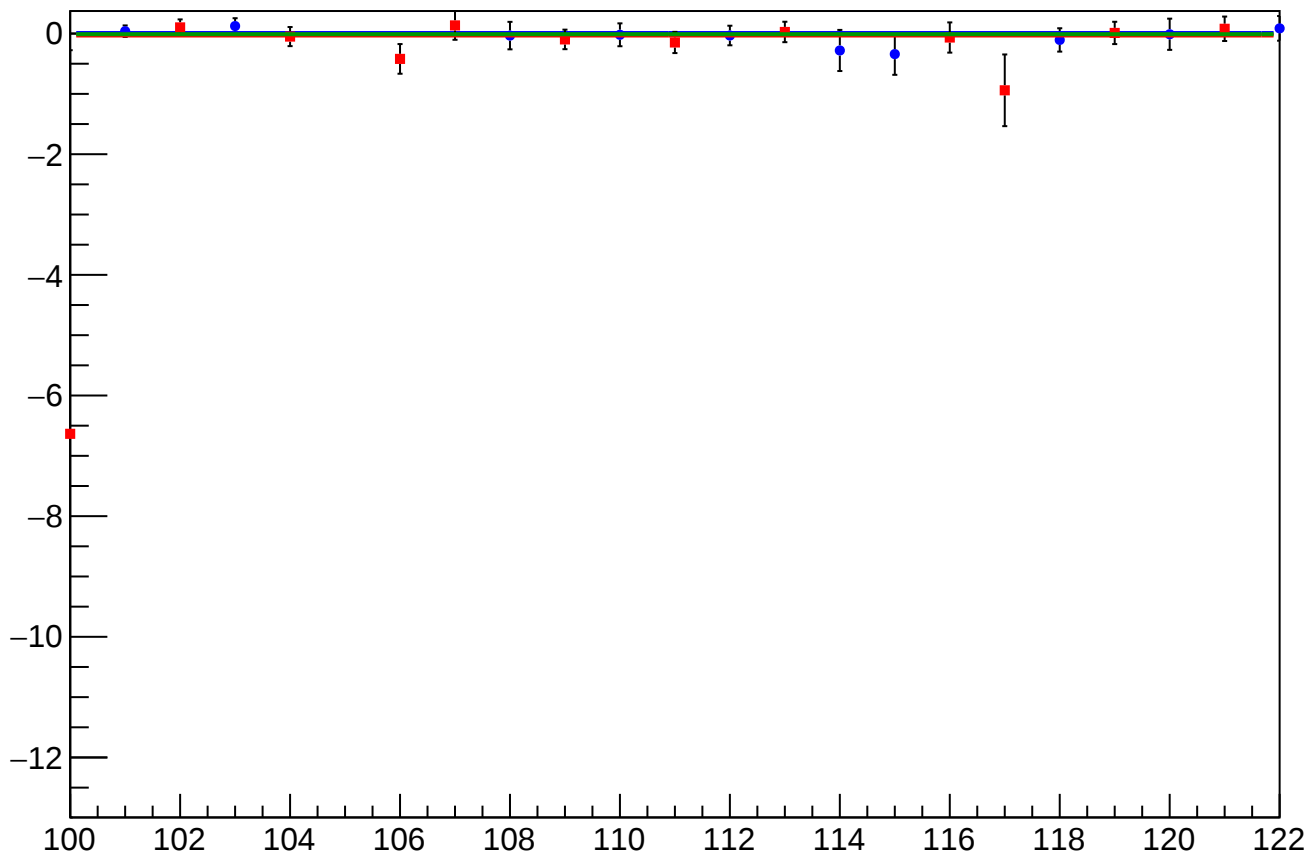
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-0.006 $\pm$ 0.029 χ^2 /NDF: 6.8/9

0.029 $\pm$ 0.022 χ^2 /NDF: 20.5/21

0.072 $\pm$ 0.033 χ^2 /NDF: 10.6/11

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.009+/-0.055 χ^2/NDF : 3.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.032+/-0.057 χ^2/NDF : 8.5/11

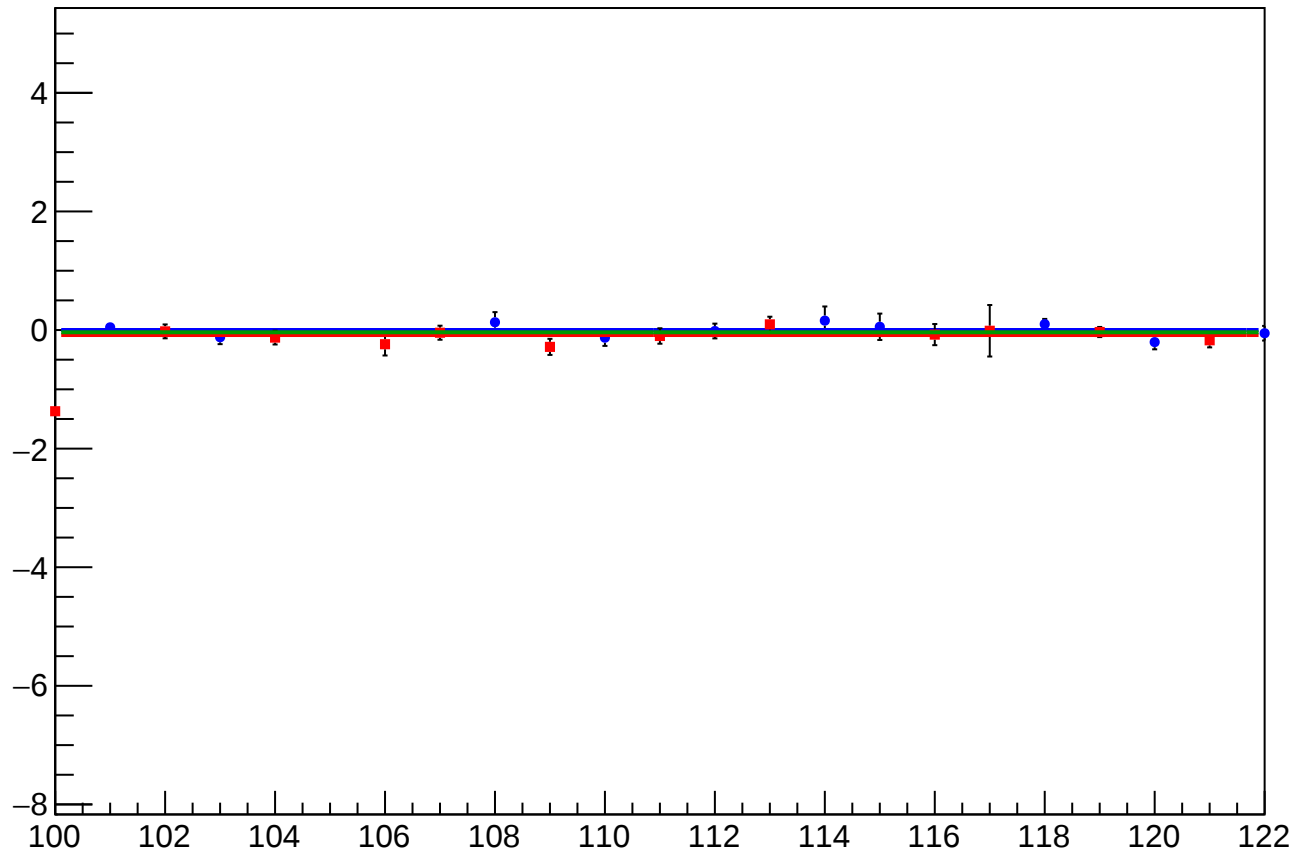
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.009+/-0.055 χ^2/NDF : 3.3/9

-0.011+/-0.039 χ^2/NDF : 12.1/21

-0.032+/-0.057 χ^2/NDF : 8.5/11

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.001+/-0.035 χ^2/NDF : 7.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.084+/-0.039 χ^2/NDF : 6.3/11

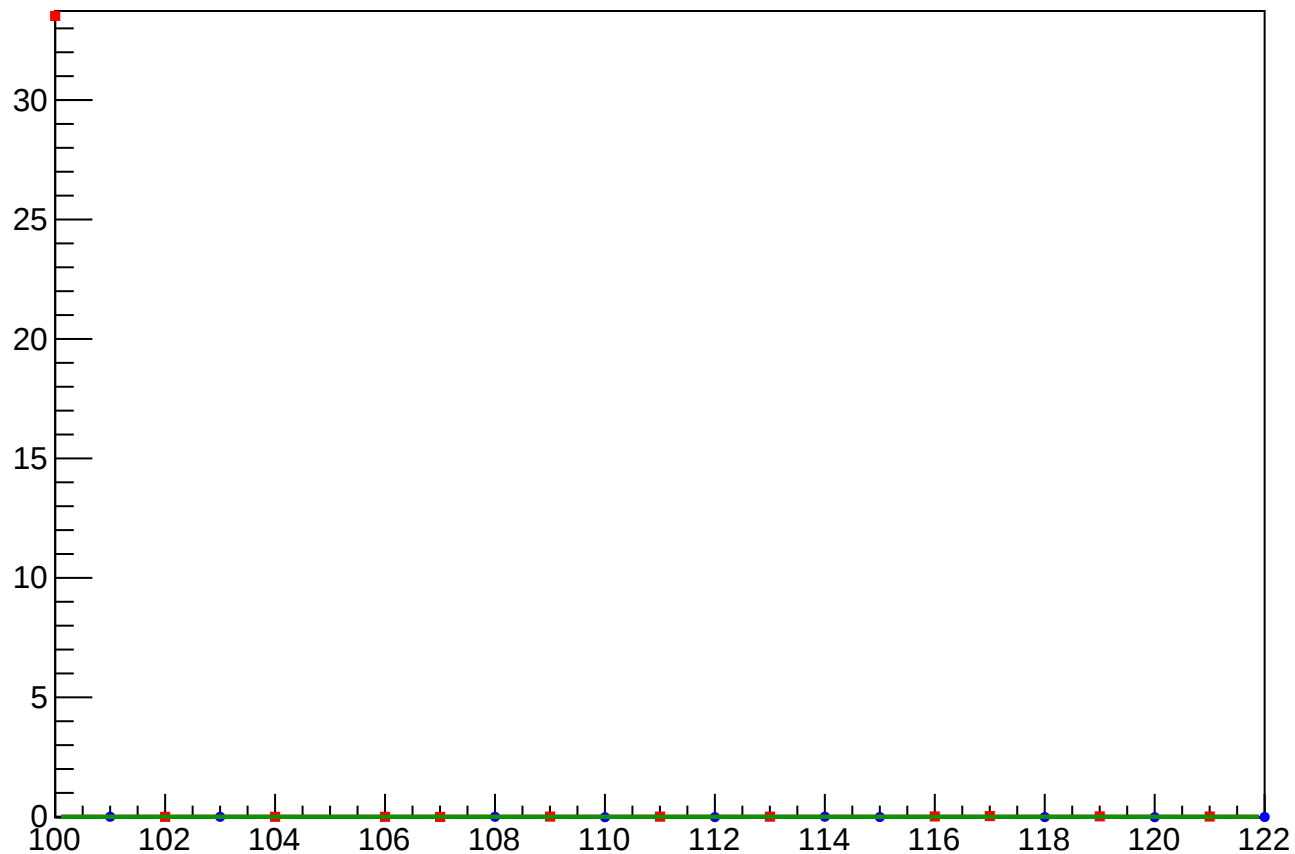
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.001+/-0.035 χ^2/NDF : 7.9/9

-0.038+/-0.026 χ^2/NDF : 16.8/21

-0.084+/-0.039 χ^2/NDF : 6.3/11

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.003 $\pm$ 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

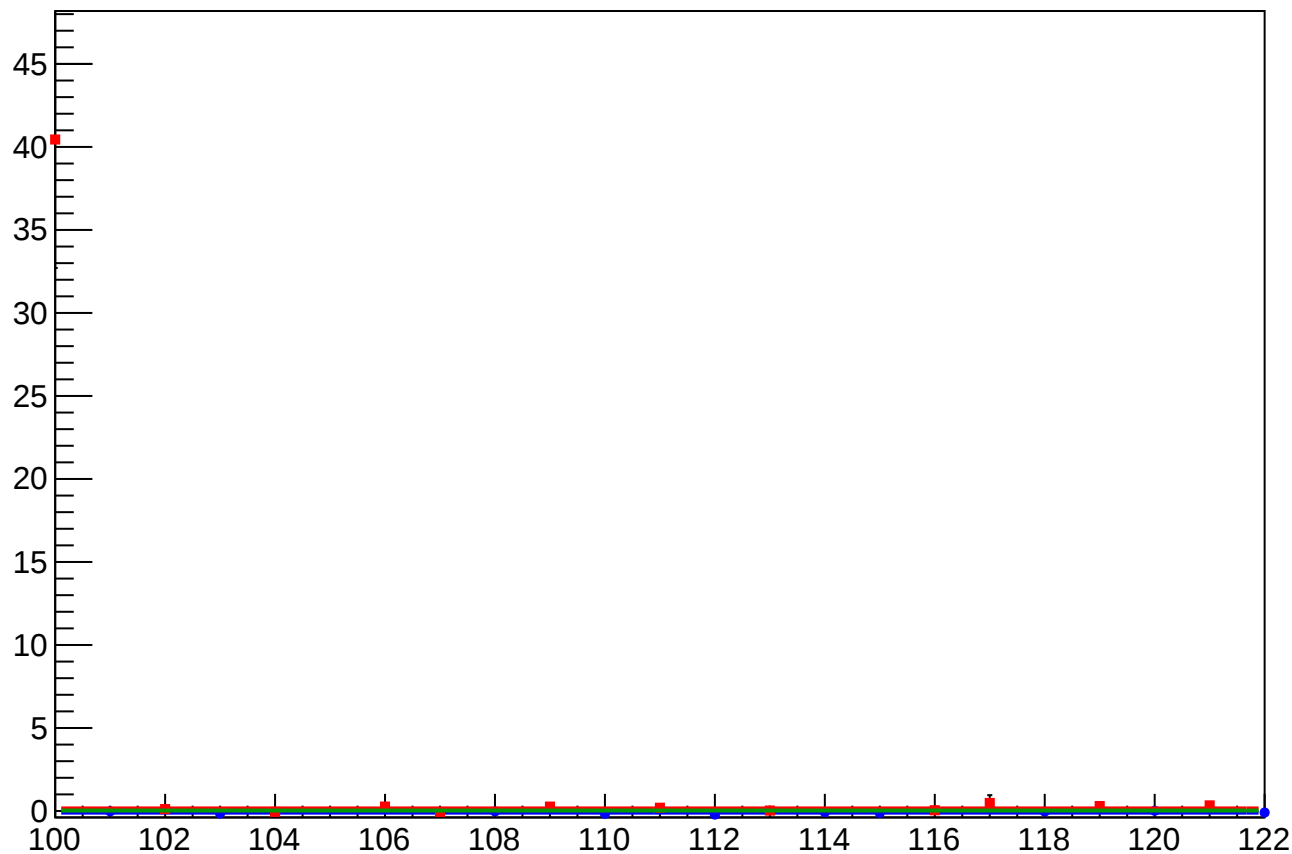
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-0.003 $\pm$ 0.002 χ^2 /NDF: 10.4/9

0.001 $\pm$ 0.001 χ^2 /NDF: 26522.3/21

0.005 $\pm$ 0.002 χ^2 /NDF: 26502.0/11

reg_asym_ds_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.098+/-0.051 χ^2 /NDF: 2.3/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.154+/-0.051 χ^2 /NDF: 34.1/11

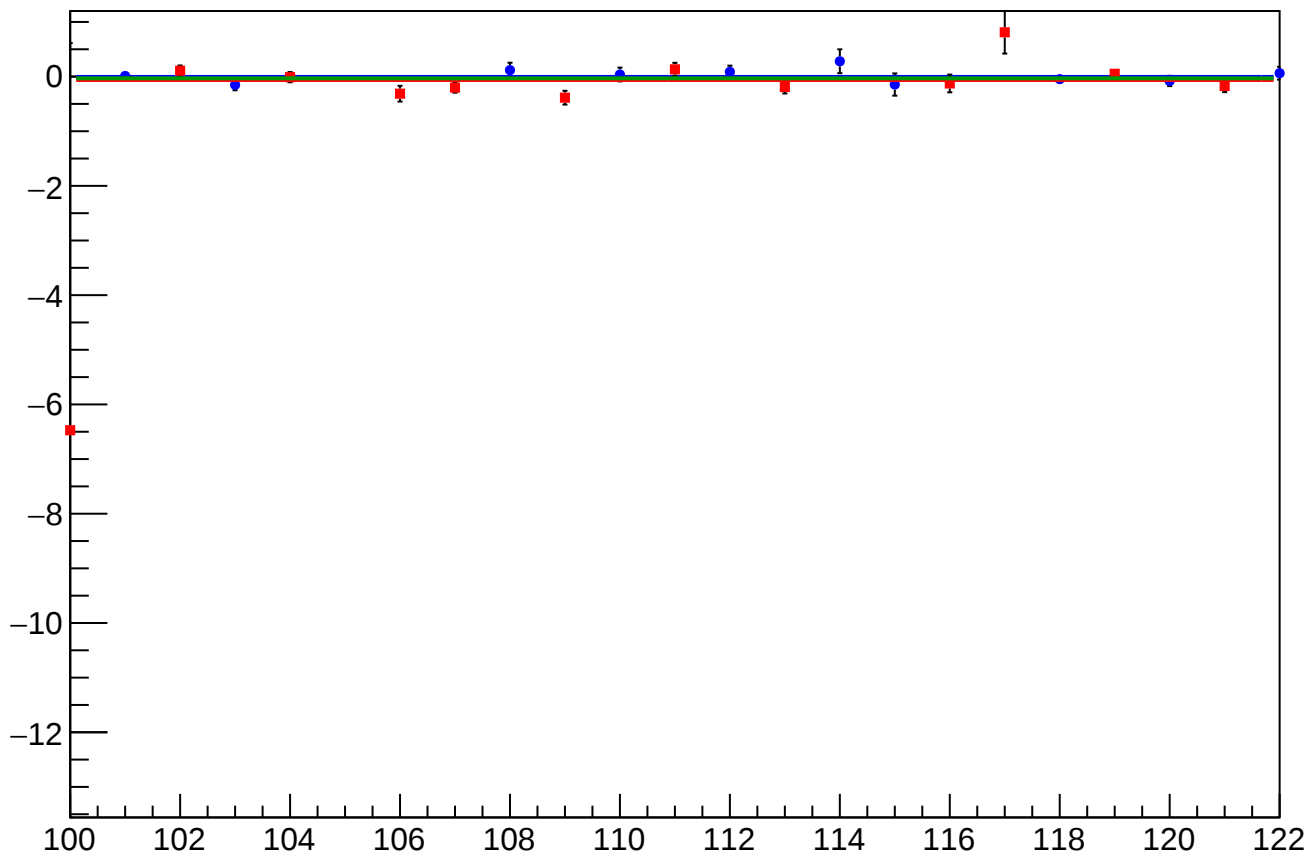
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.098+/-0.051 χ^2 /NDF: 2.3/9

0.028+/-0.036 χ^2 /NDF: 48.7/21

0.154+/-0.051 χ^2 /NDF: 34.1/11

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.029 χ^2/NDF : 7.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.062 ± 0.033 χ^2/NDF : 29.1/11

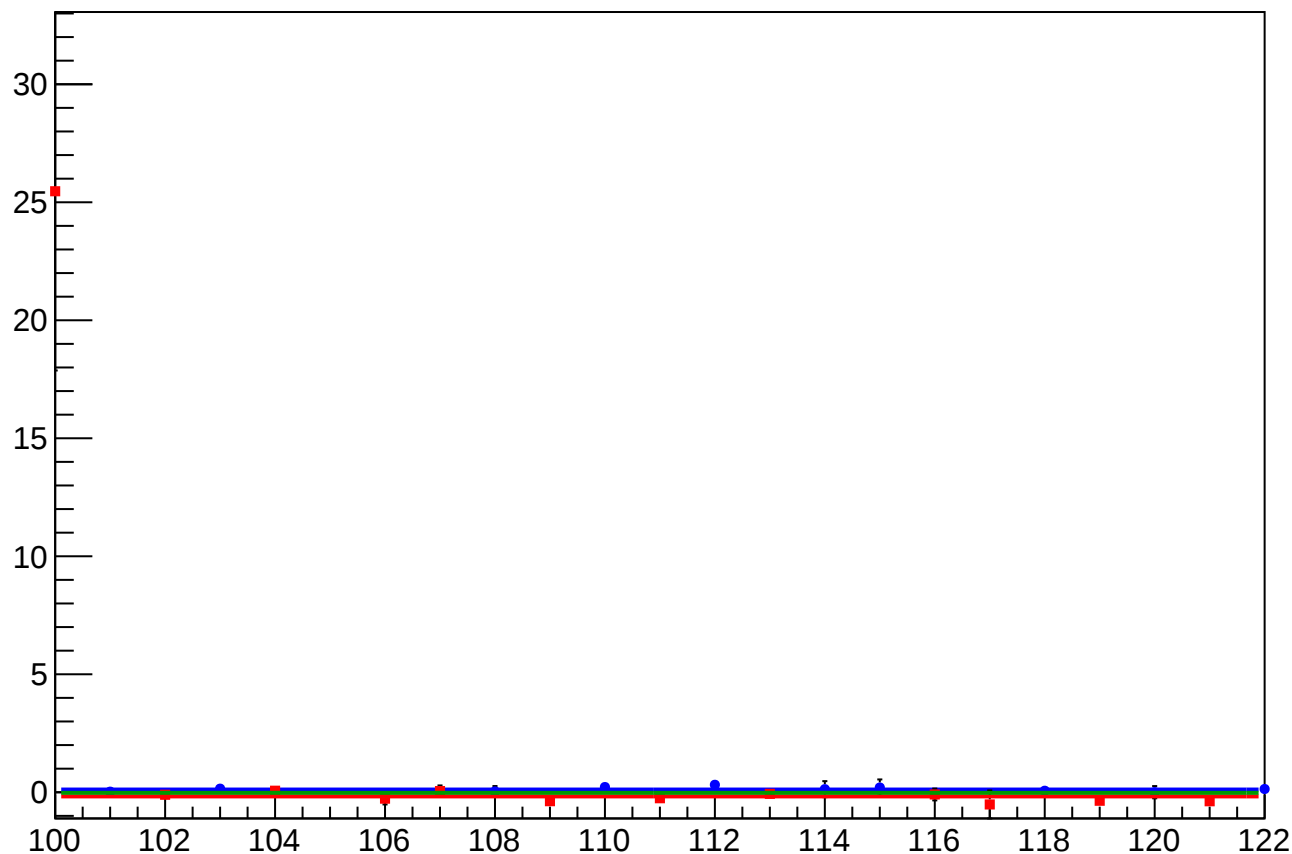
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.007 ± 0.029 χ^2/NDF : 7.5/9

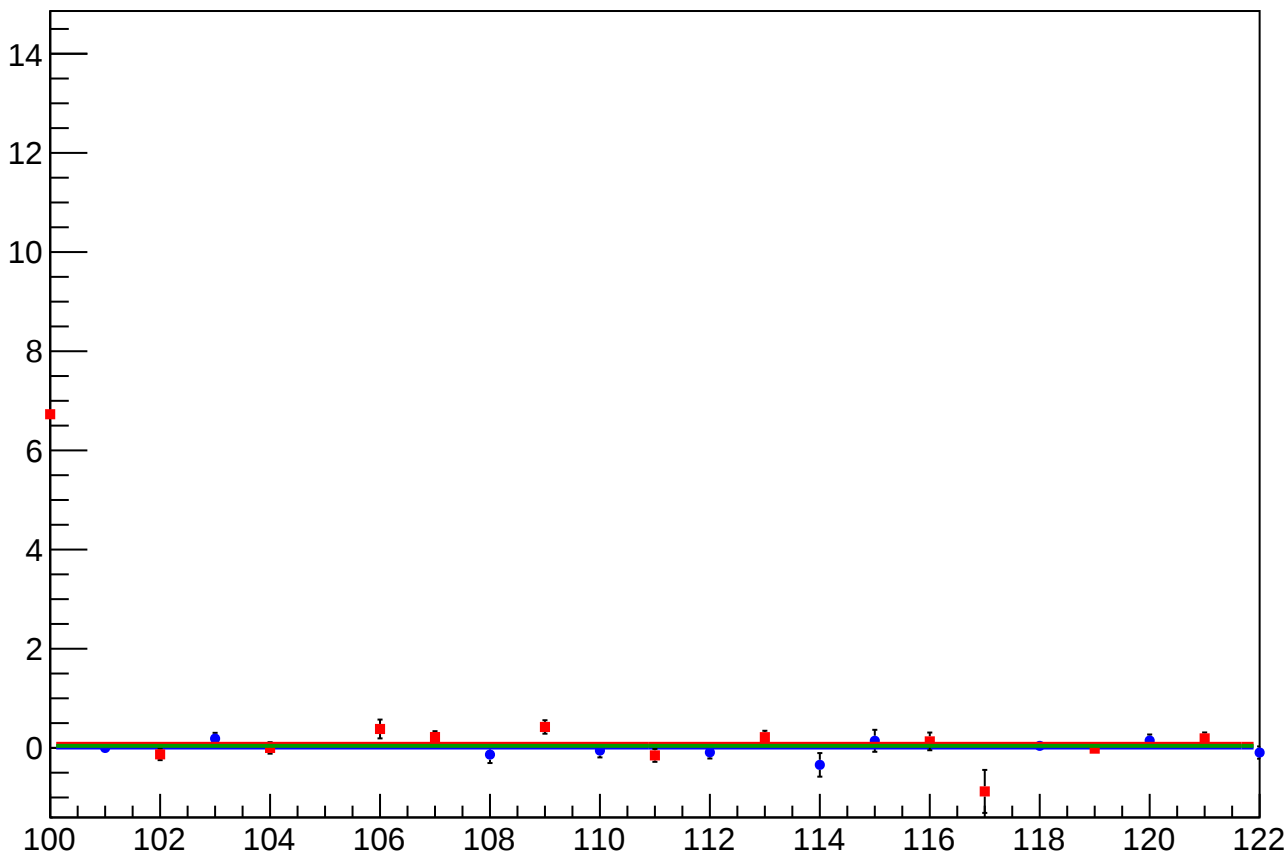
-0.031 ± 0.022 χ^2/NDF : 38.1/21

-0.062 ± 0.033 χ^2/NDF : 29.1/11

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.035 χ^2 /NDF: 8.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.082 $\pm$ 0.039 χ^2 /NDF: 26.0/11

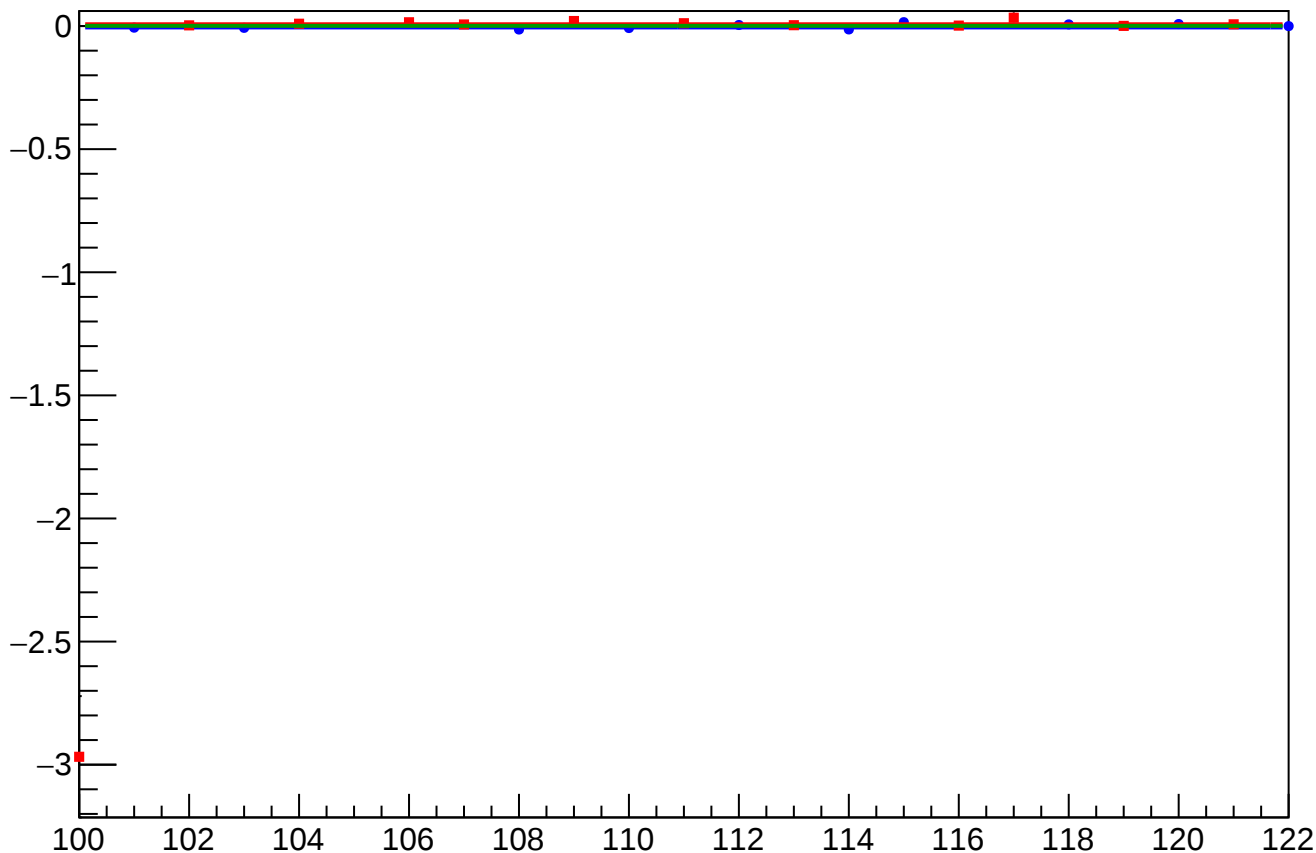
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.008 $\pm$ 0.035 χ^2 /NDF: 8.6/9

0.041 $\pm$ 0.026 χ^2 /NDF: 36.6/21

0.082 $\pm$ 0.039 χ^2 /NDF: 26.0/11

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.002 χ^2 /NDF: 11.6/9

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

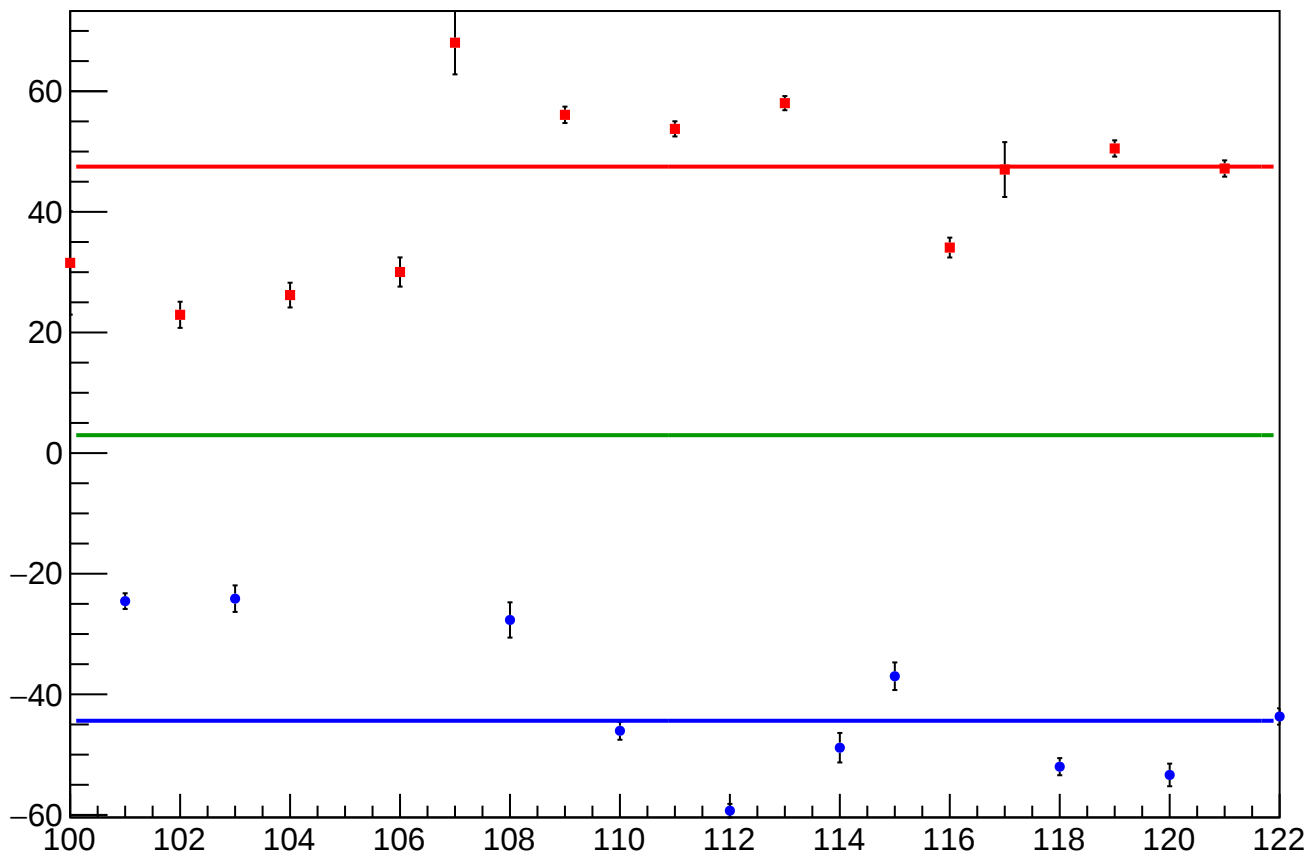
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.006 $\pm$ 0.002 χ^2 /NDF: 11.6/9

0.001 $\pm$ 0.001 χ^2 /NDF: 193.7/21

0.007 $\pm$ 0.002 χ^2 /NDF: 156.0/11

reg_asym_left_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -44.382 ± 0.510 χ^2/NDF : 592.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 47.502 ± 0.495 χ^2/NDF : 523.5/11

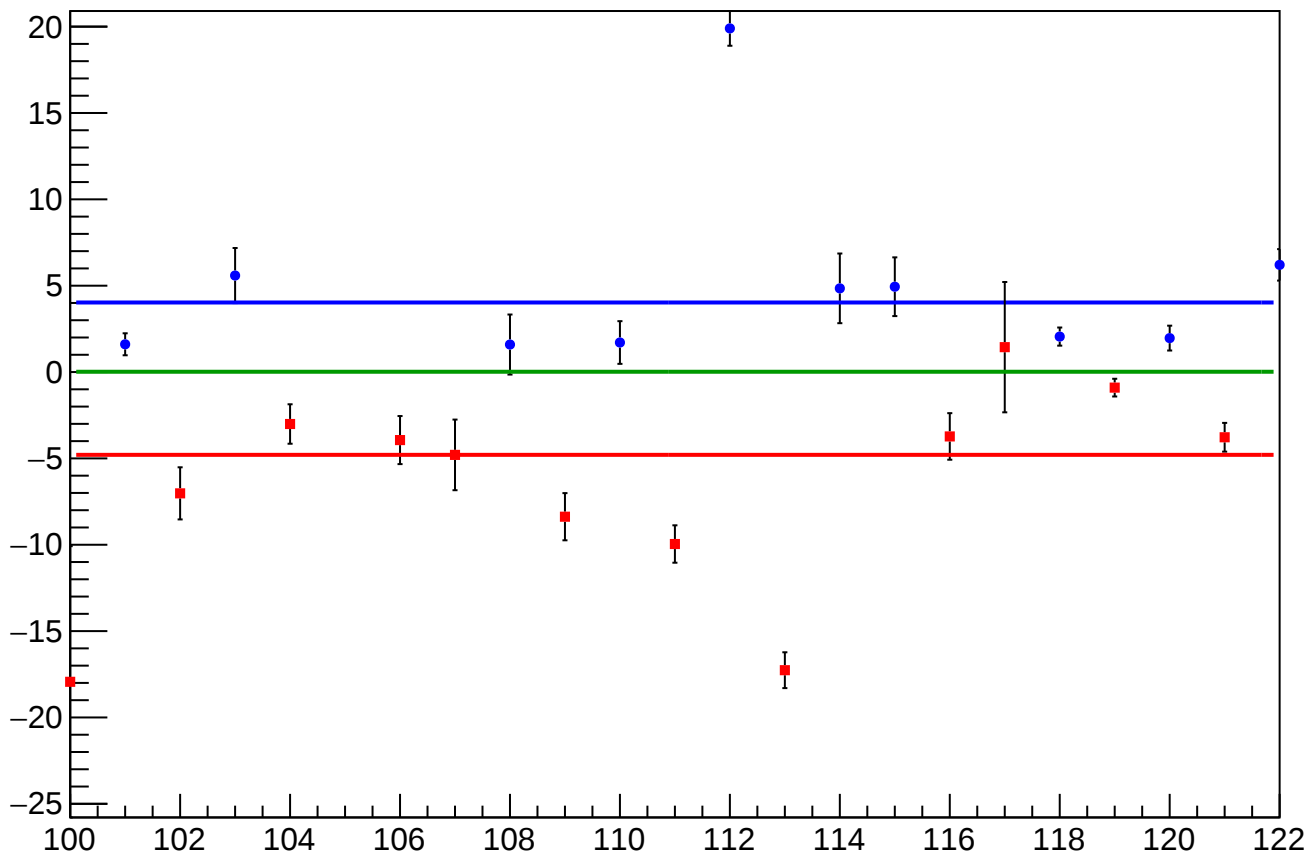
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-44.382 ± 0.510 χ^2/NDF : 592.7/9

2.970 ± 0.355 χ^2/NDF : 17818.8/21

47.502 ± 0.495 χ^2/NDF : 523.5/11

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.027 ± 0.286 $\chi^2/\text{NDF}: 298.4/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -4.794 ± 0.314 $\chi^2/\text{NDF}: 244.4/11$

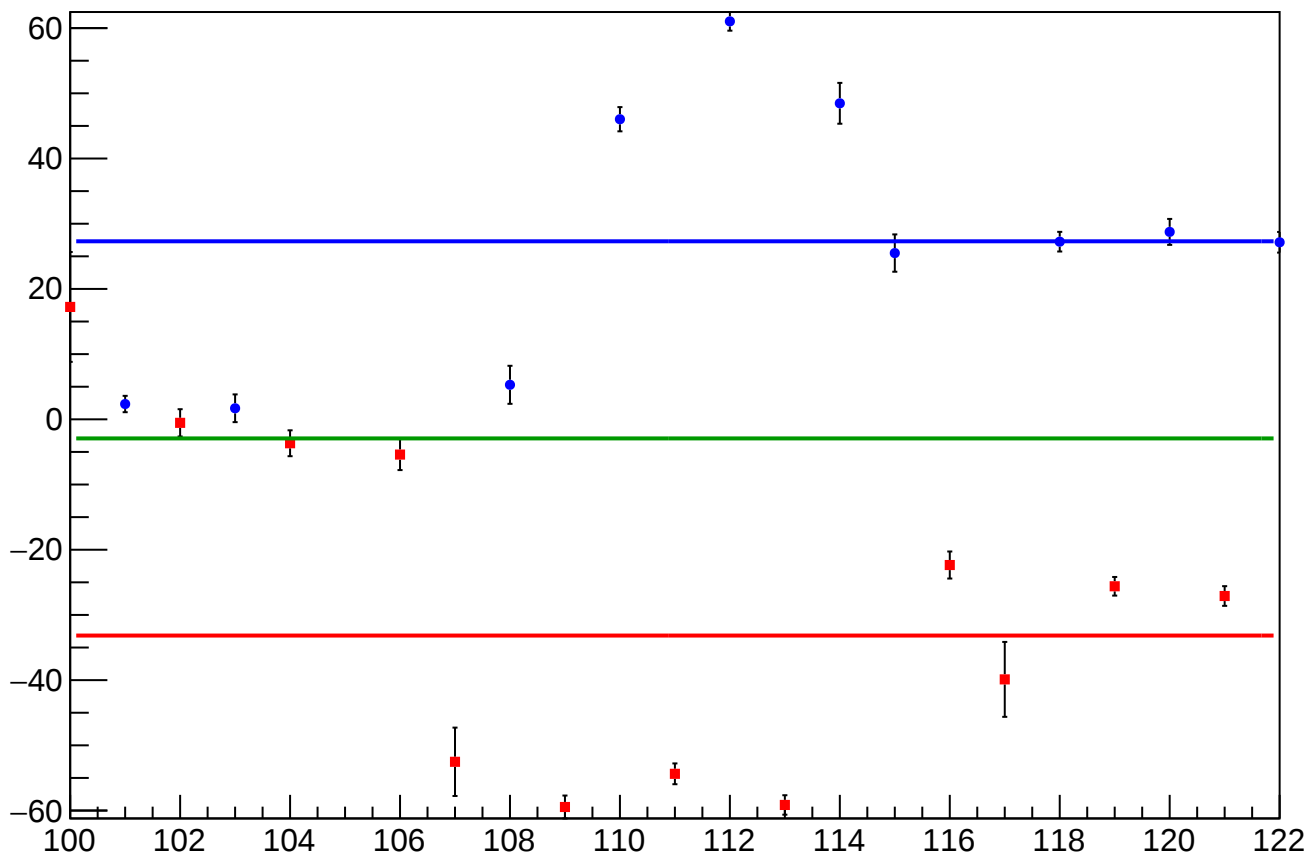
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

4.027 ± 0.286 $\chi^2/\text{NDF}: 298.4/9$

0.017 ± 0.211 $\chi^2/\text{NDF}: 974.2/21$

-4.794 ± 0.314 $\chi^2/\text{NDF}: 244.4/11$

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.305+/-0.571 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

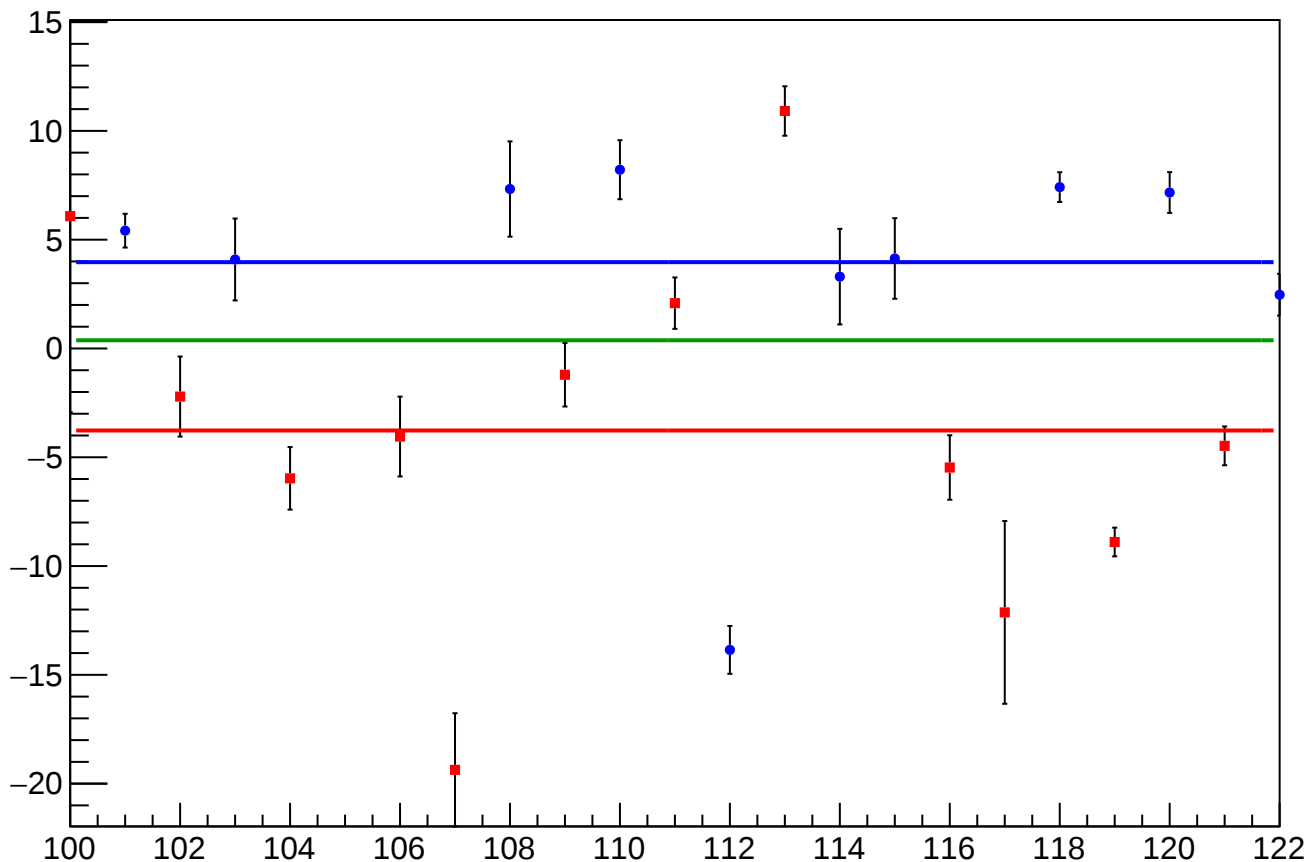
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

27.305+/-0.571 χ^2 /NDF: 1301.8/9

-2.927+/-0.404 χ^2 /NDF: 8336.0/21

-33.162+/-0.571 χ^2 /NDF: 1426.3/11

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.966+/-0.345 χ^2/NDF : 318.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.769+/-0.371 χ^2/NDF : 301.1/11

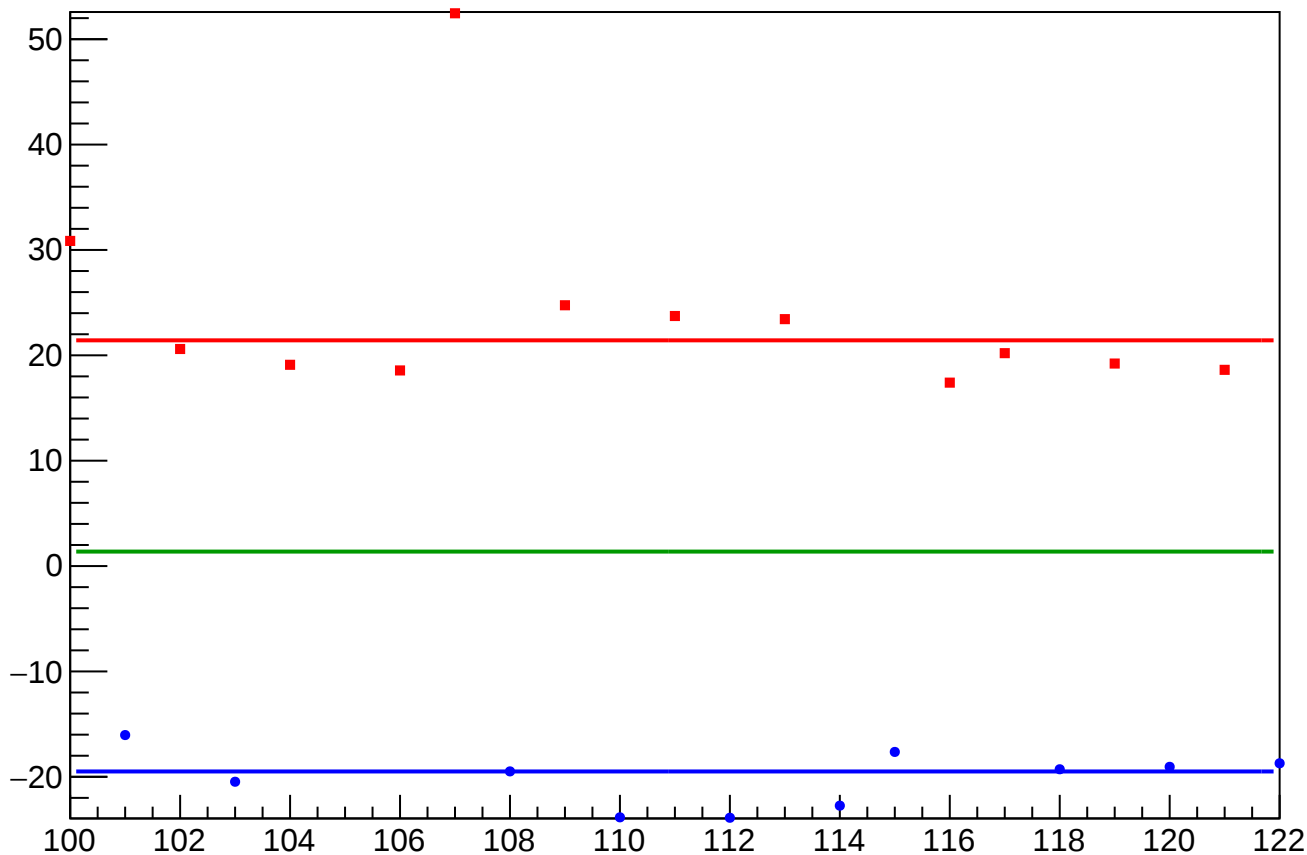
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.966+/-0.345 χ^2/NDF : 318.1/9

0.376+/-0.253 χ^2/NDF : 852.2/21

-3.769+/-0.371 χ^2/NDF : 301.1/11

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.492 $\pm$ 0.021 χ^2 /NDF: 13862.0/9

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

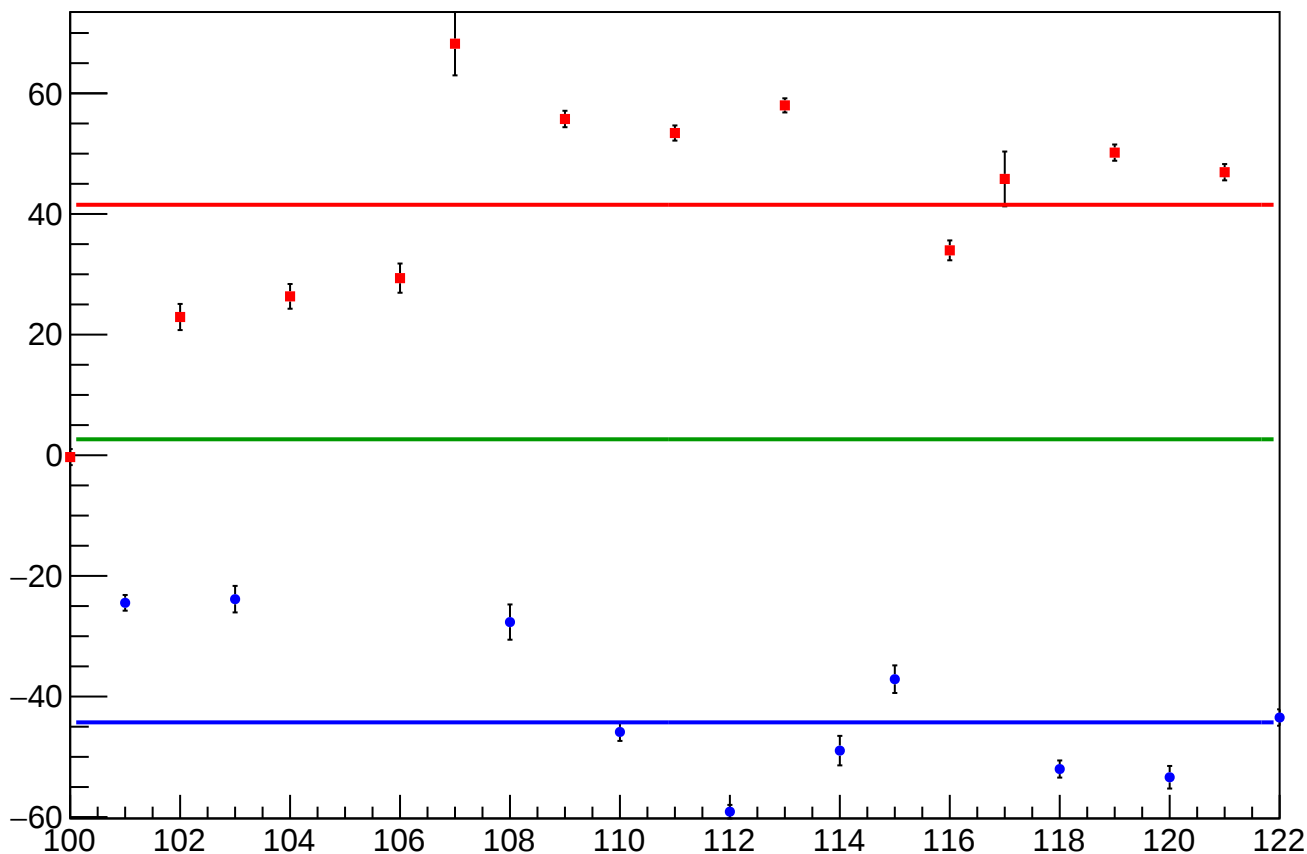
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-19.492 $\pm$ 0.021 χ^2 /NDF: 13862.0/9

1.374 $\pm$ 0.015 χ^2 /NDF: 2007876.2/21

21.422 $\pm$ 0.021 χ^2 /NDF: 80660.3/11

reg_asym_left_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -44.280±/0.510 χ^2/NDF : 592.7/9

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: 41.525±/0.464 χ^2/NDF : 1643.9/11

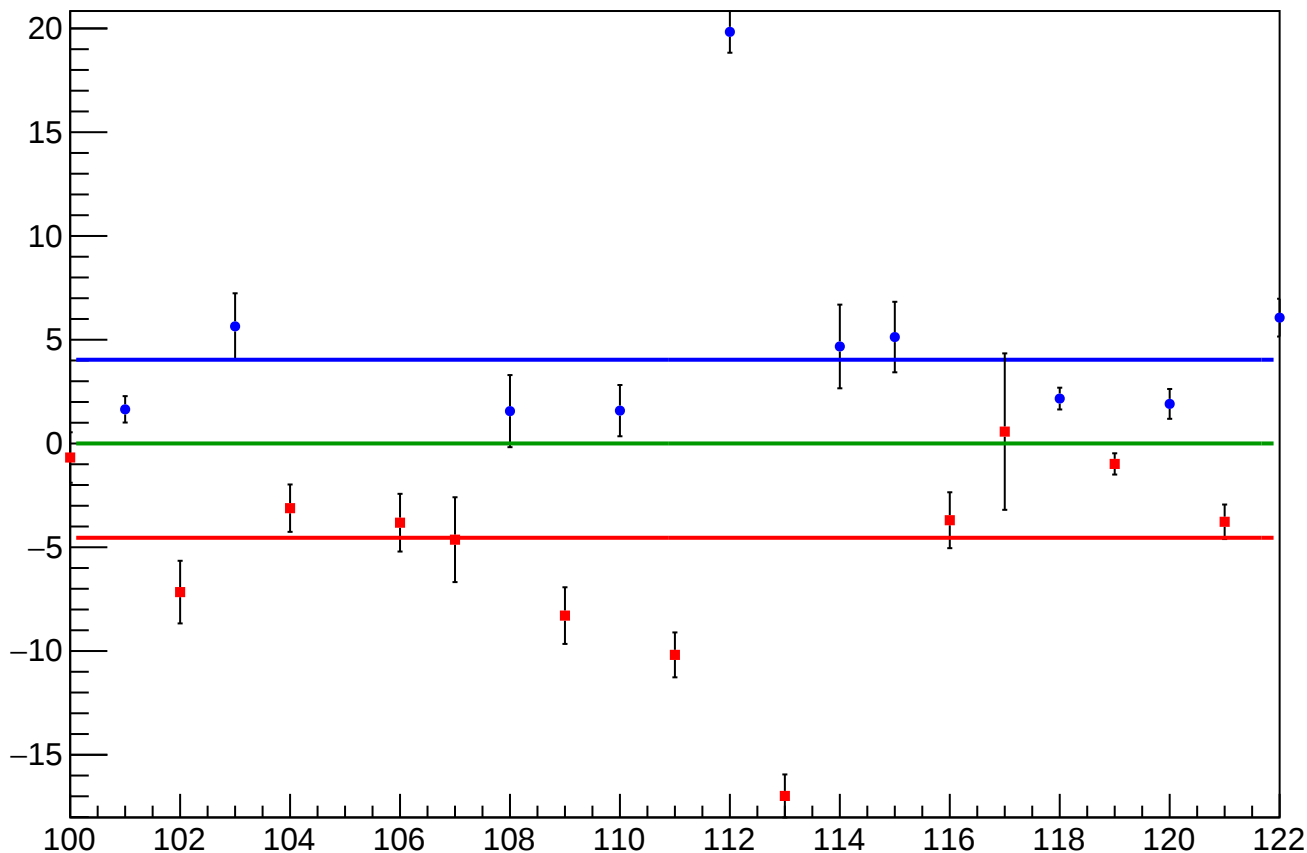
Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

-44.280±/0.510 χ^2/NDF : 592.7/9

2.647±/0.343 χ^2/NDF : 17714.1/21

41.525±/0.464 χ^2/NDF : 1643.9/11

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.036 $\pm$ 0.286 χ^2 /NDF: 295.1/9

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

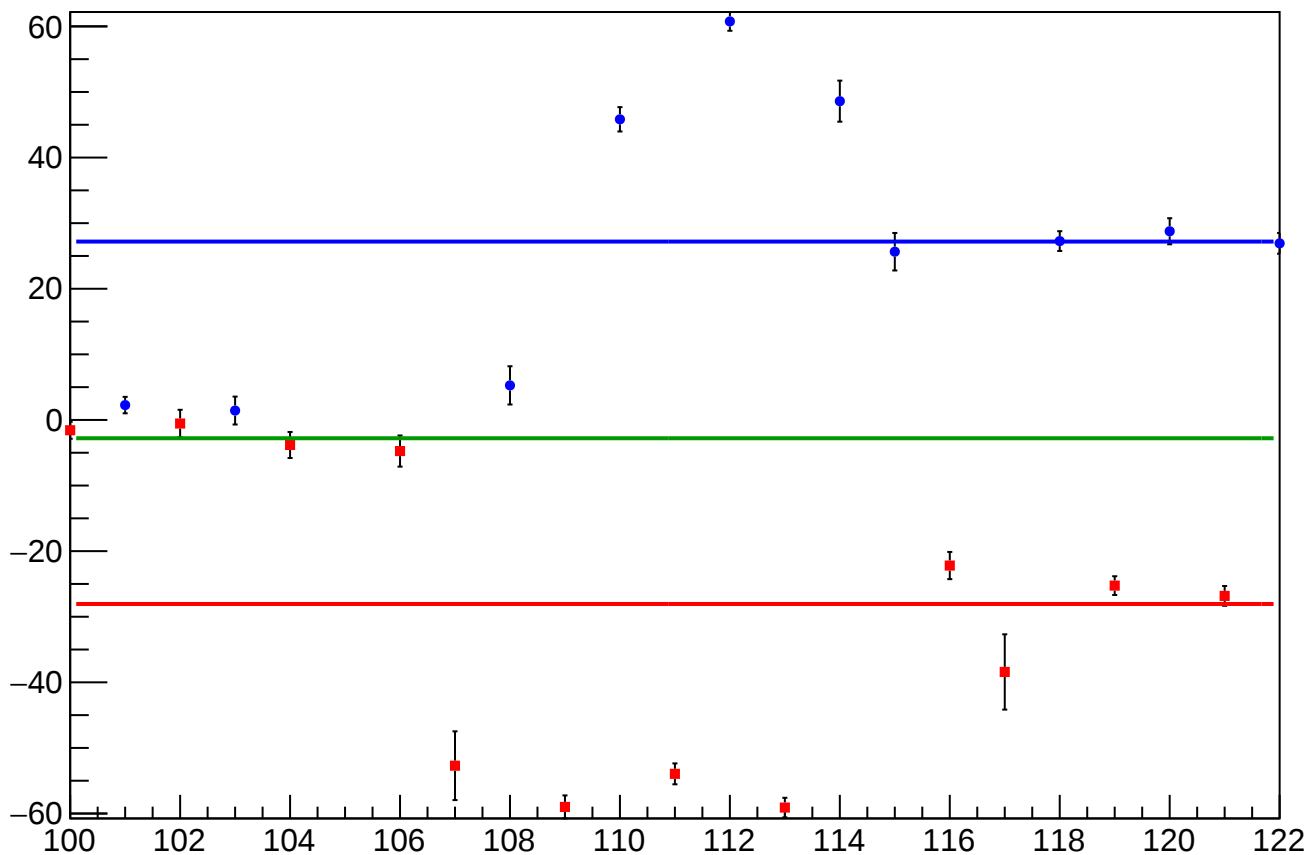
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

4.036 $\pm$ 0.286 χ^2 /NDF: 295.1/9

0.002 $\pm$ 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: 27.194 $\pm$ 0.571 χ^2 /NDF: 1298.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -28.056 $\pm$ 0.524 χ^2 /NDF: 1876.2/11

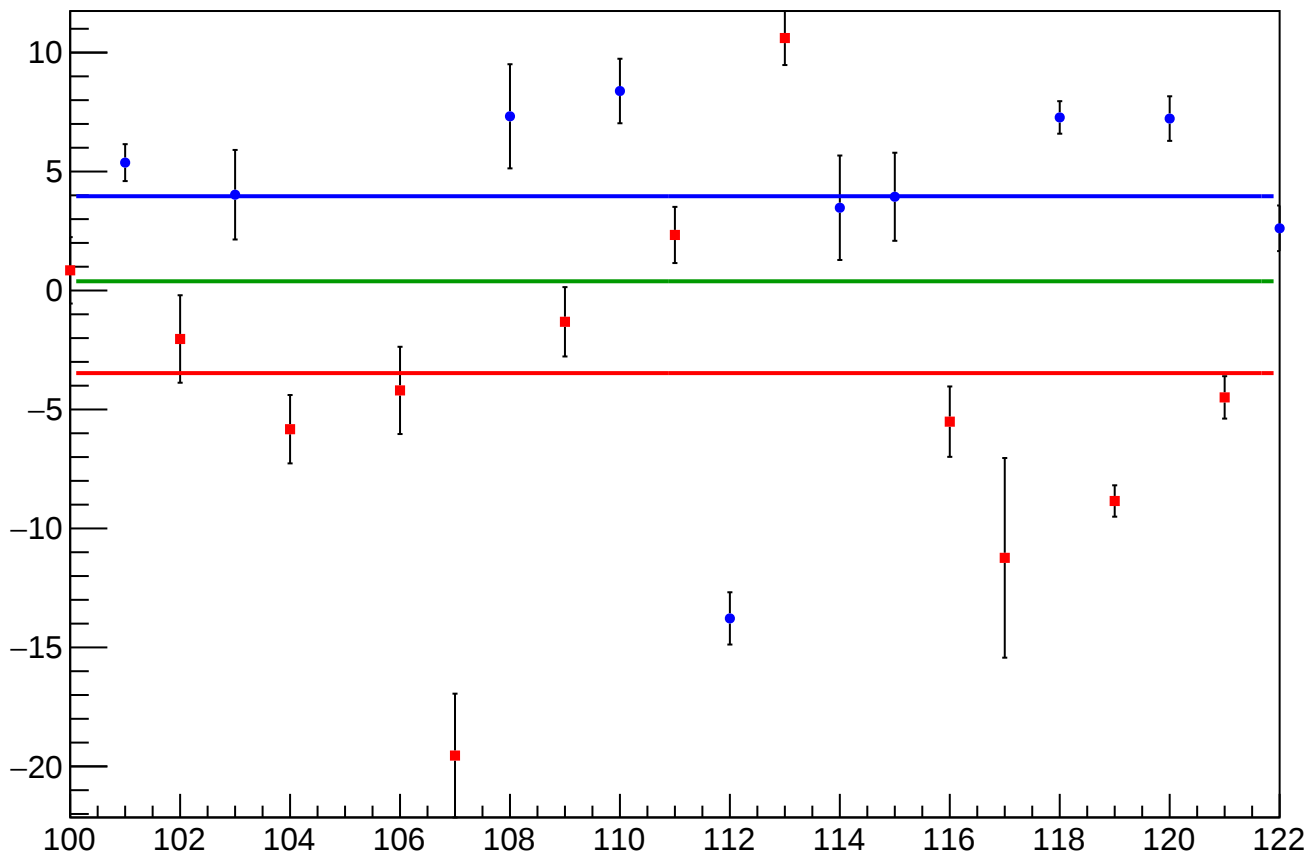
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

27.194 $\pm$ 0.571 χ^2 /NDF: 1298.2/9

-2.789 $\pm$ 0.386 χ^2 /NDF: 8262.6/21

-28.056 $\pm$ 0.524 χ^2 /NDF: 1876.2/11

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.963+/-0.345 χ^2/NDF : 314.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.471+/-0.359 χ^2/NDF : 304.6/11

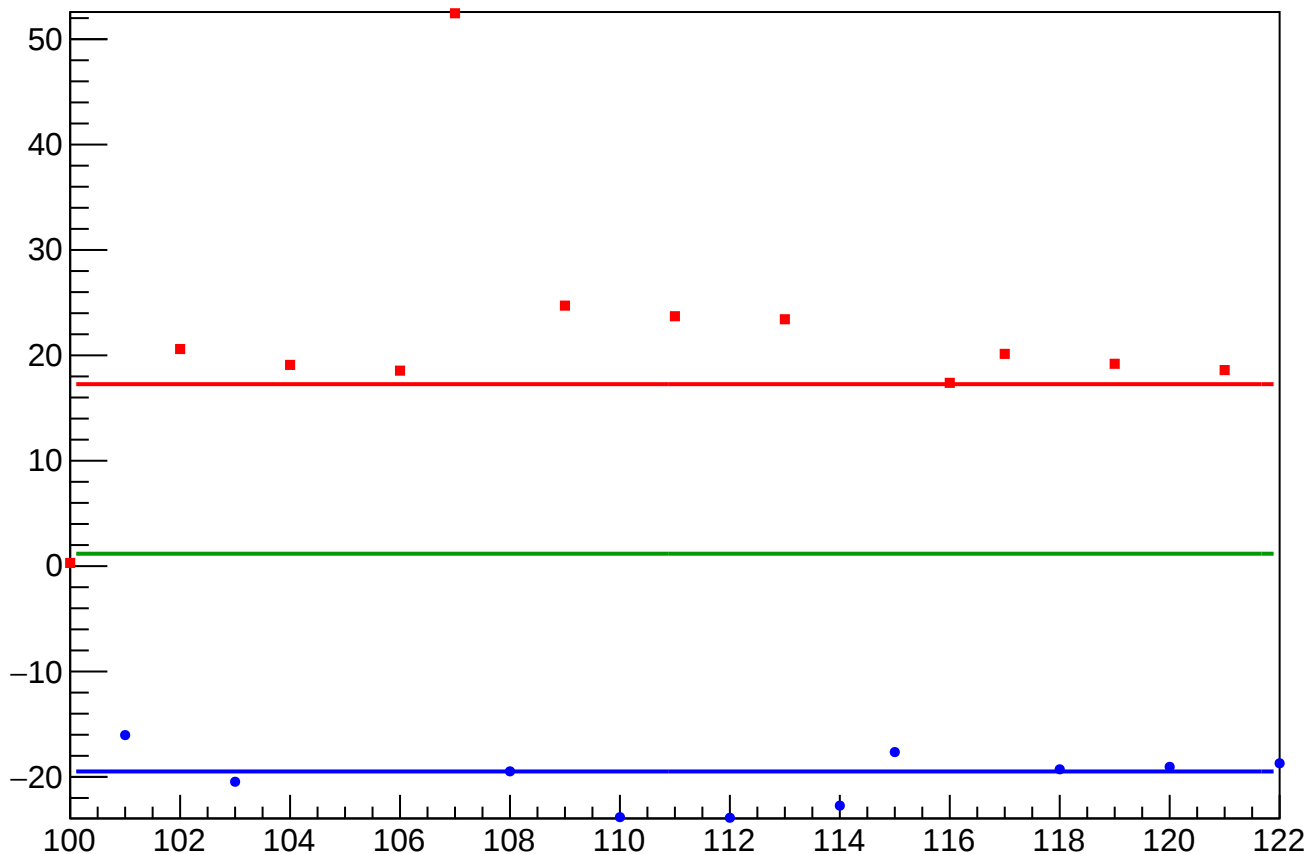
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.963+/-0.345 χ^2/NDF : 314.9/9

0.388+/-0.249 χ^2/NDF : 842.5/21

-3.471+/-0.359 χ^2/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: 13840.1/9

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

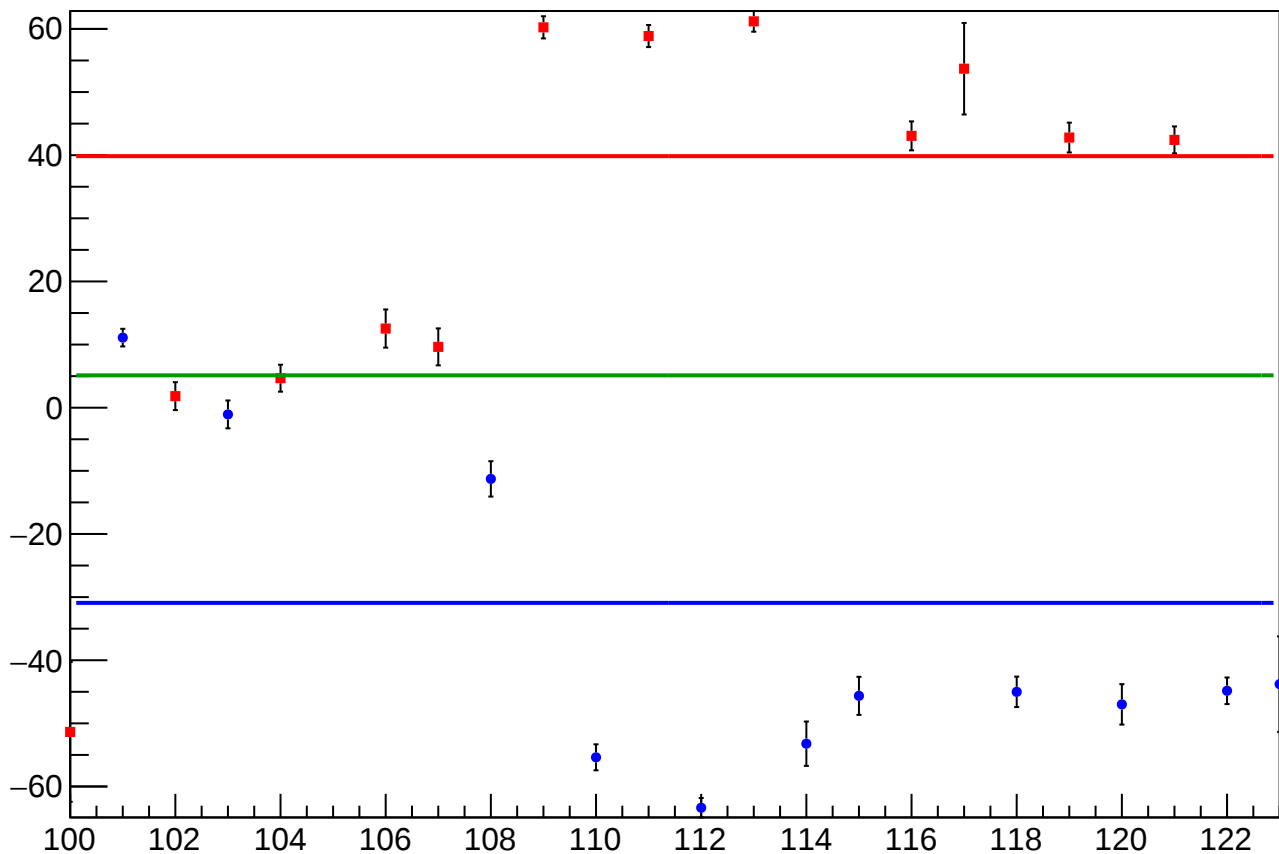
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-19.484 $\pm$ 0.021 χ^2 /NDF: 13840.1/9

1.178 $\pm$ 0.014 χ^2 /NDF: 1997010.5/21

17.266 $\pm$ 0.019 χ^2 /NDF: 279369.5/11

reg_asym_right_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -30.913+/-0.673 χ^2/NDF : 1893.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.846+/-0.661 χ^2/NDF : 1255.7/11

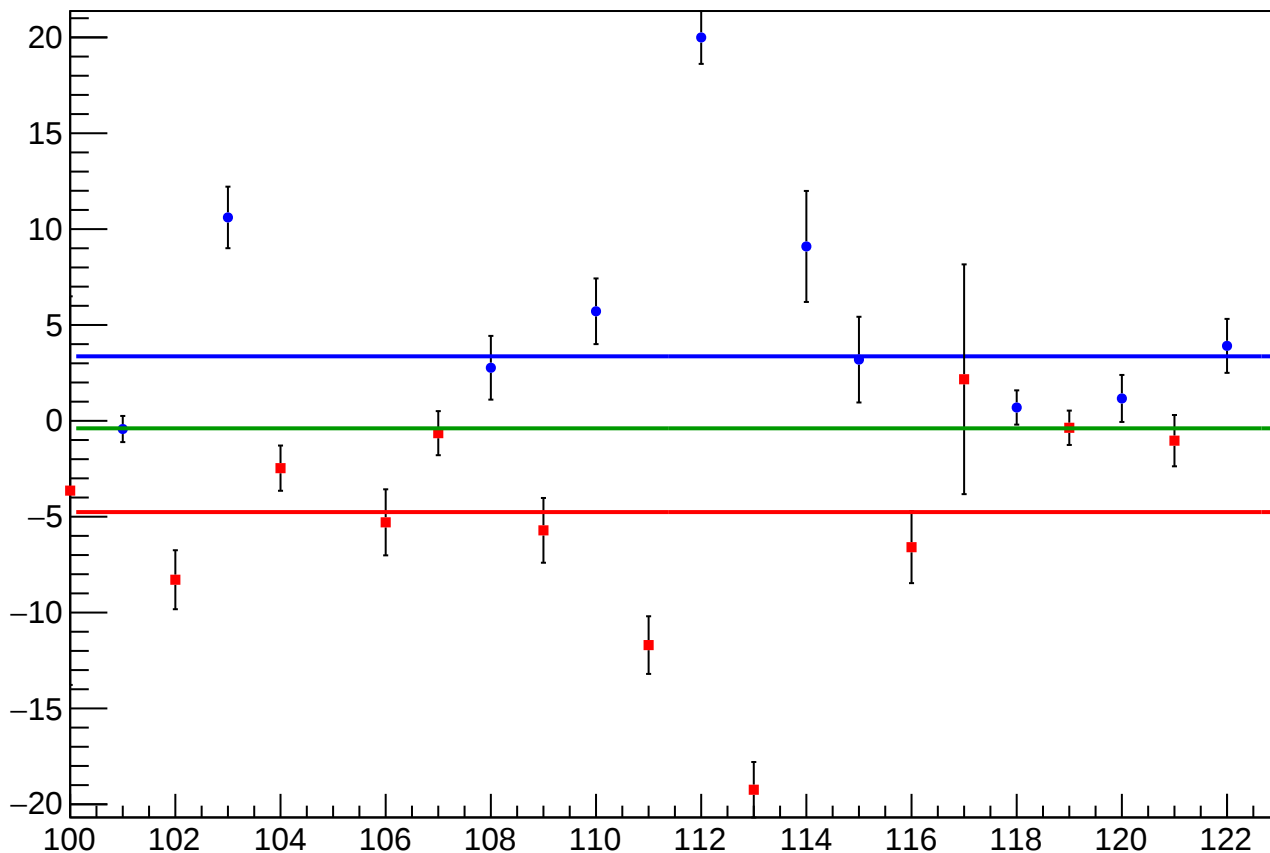
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-30.913+/-0.673 χ^2/NDF : 1893.8/10

5.125+/-0.472 χ^2/NDF : 8776.7/22

39.846+/-0.661 χ^2/NDF : 1255.7/11

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.365 $\pm$ 0.391 χ^2 /NDF: 215.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4.759 $\pm$ 0.421 χ^2 /NDF: 178.0/11

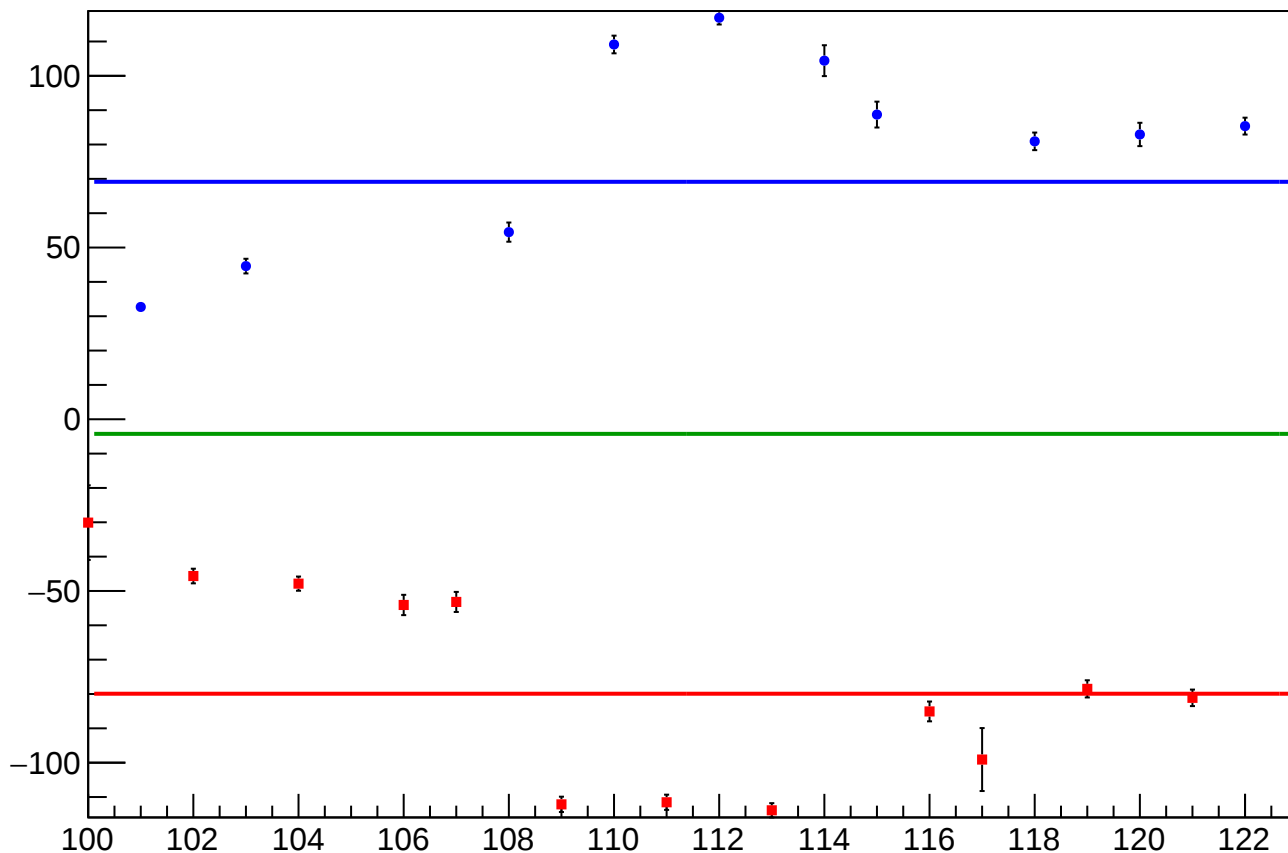
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3.365 $\pm$ 0.391 χ^2 /NDF: 215.3/10

-0.391 $\pm$ 0.287 χ^2 /NDF: 593.2/22

-4.759 $\pm$ 0.421 χ^2 /NDF: 178.0/11

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 69.142 $\pm$ 0.735 χ^2 /NDF: 1901.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -79.919 $\pm$ 0.747 χ^2 /NDF: 1365.7/11

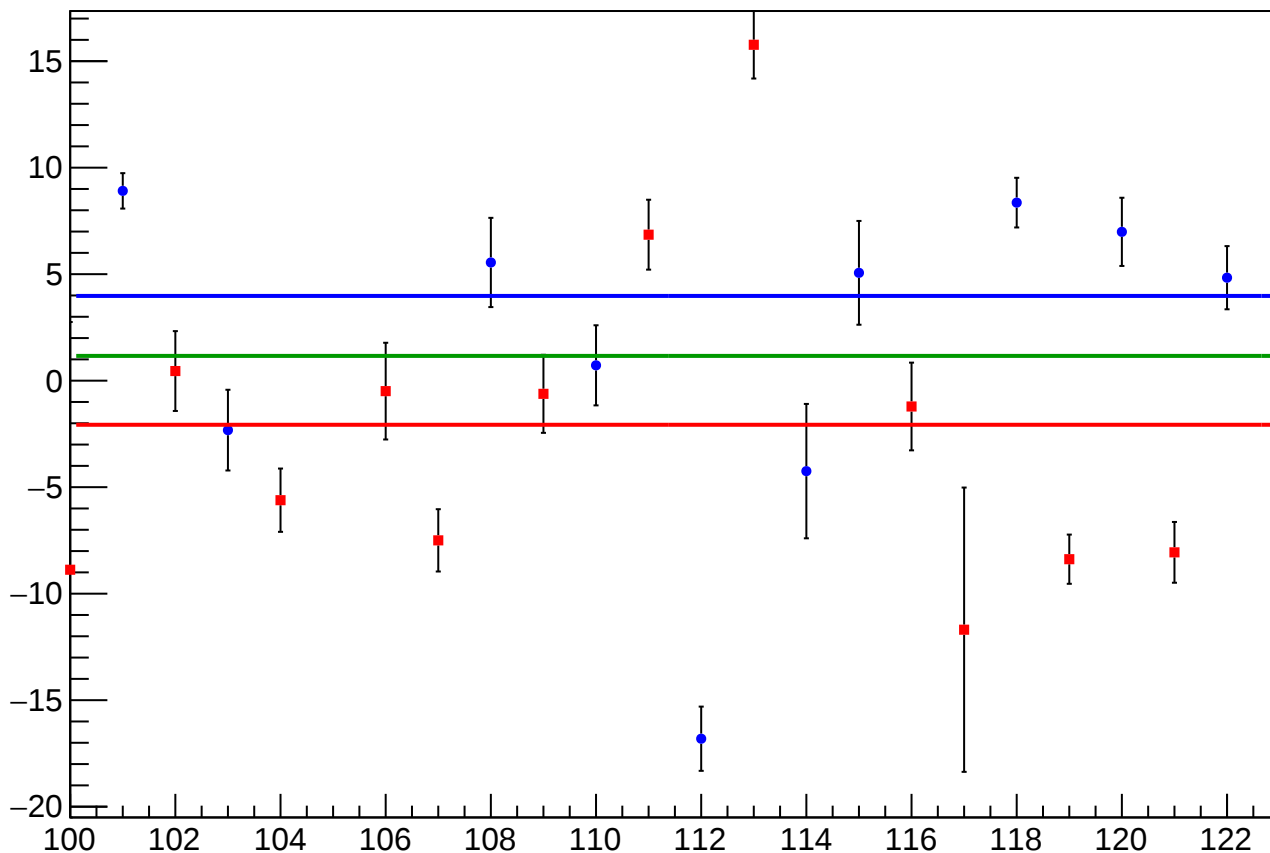
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

69.142 $\pm$ 0.735 χ^2 /NDF: 1901.2/10

-4.254 $\pm$ 0.524 χ^2 /NDF: 23502.4/22

-79.919 $\pm$ 0.747 χ^2 /NDF: 1365.7/11

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.979 $\pm$ 0.468 χ^2 /NDF: 265.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.070 $\pm$ 0.502 χ^2 /NDF: 228.7/11

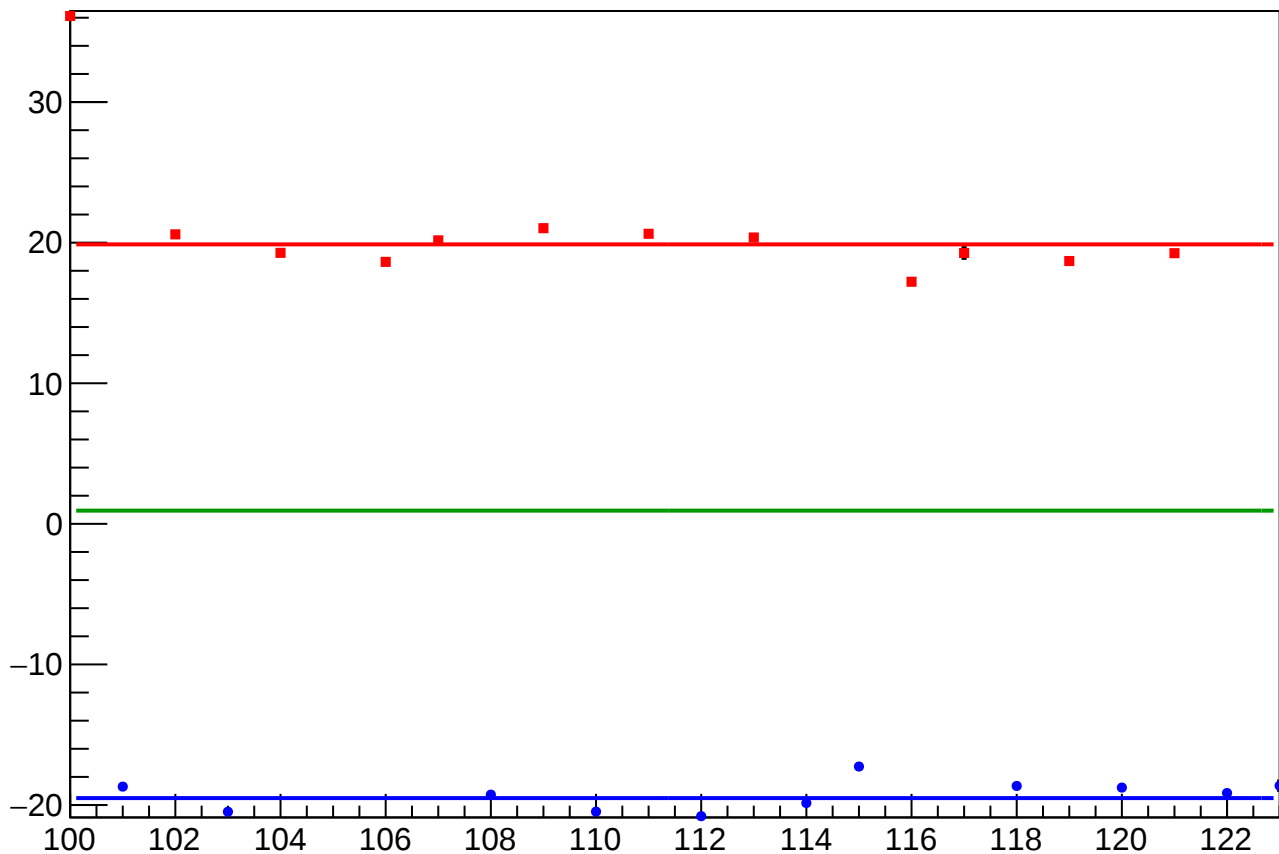
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3.979 $\pm$ 0.468 χ^2 /NDF: 265.8/10

1.163 $\pm$ 0.342 χ^2 /NDF: 572.3/22

-2.070 $\pm$ 0.502 χ^2 /NDF: 228.7/11

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.507 ± 0.025 $\chi^2/\text{NDF}: 1274.3/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 19.878 ± 0.024 $\chi^2/\text{NDF}: 3564.7/11$

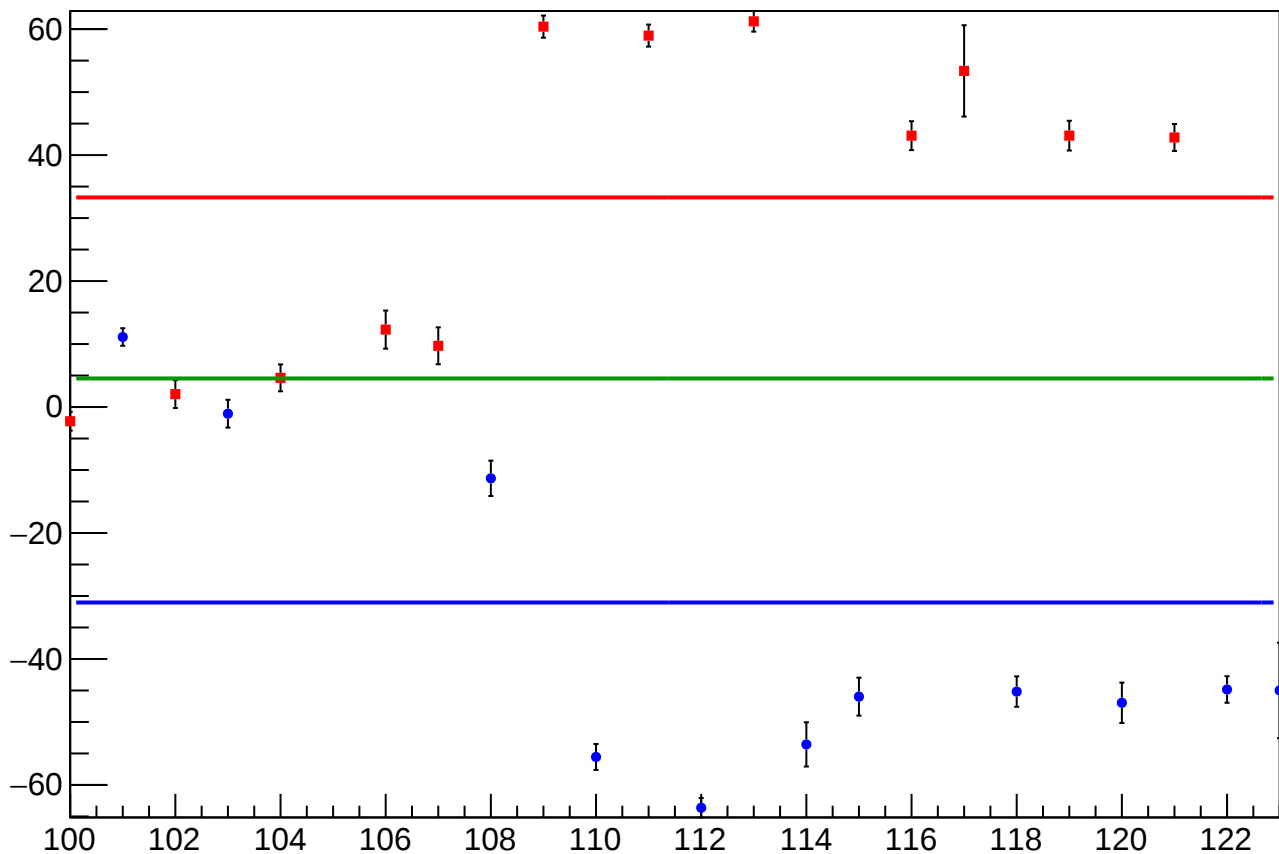
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-19.507 ± 0.025 $\chi^2/\text{NDF}: 1274.3/10$

0.940 ± 0.017 $\chi^2/\text{NDF}: 1288954.0/22$

19.878 ± 0.024 $\chi^2/\text{NDF}: 3564.7/11$

reg_asym_right_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -31.034 ± 0.674 $\chi^2/\text{NDF}: 1905.1/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 33.277 ± 0.605 $\chi^2/\text{NDF}: 1867.1/11$

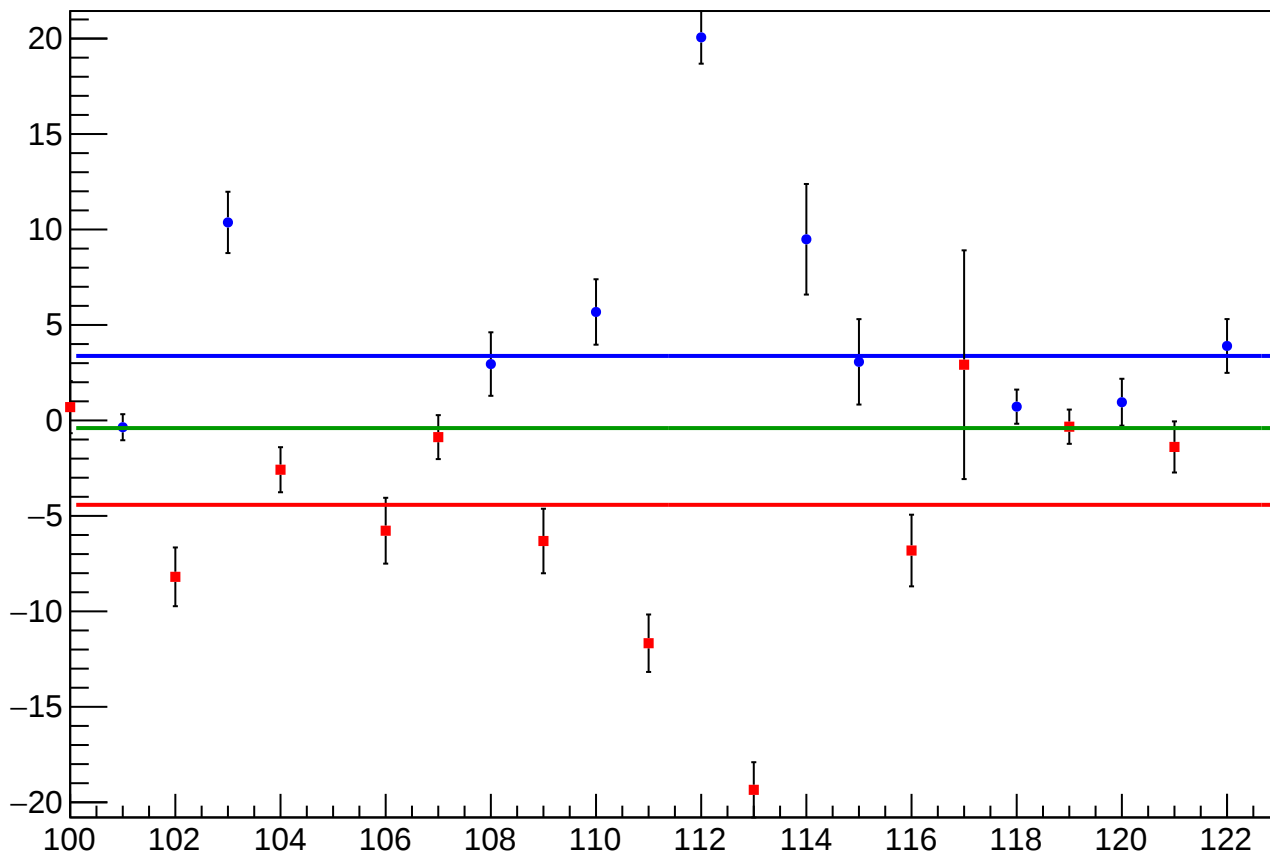
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-31.034 ± 0.674 $\chi^2/\text{NDF}: 1905.1/10$

4.538 ± 0.450 $\chi^2/\text{NDF}: 8815.0/22$

33.277 ± 0.605 $\chi^2/\text{NDF}: 1867.1/11$

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.378 $\pm$ 0.391 χ^2 /NDF: 214.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4.421 $\pm$ 0.403 χ^2 /NDF: 192.6/11

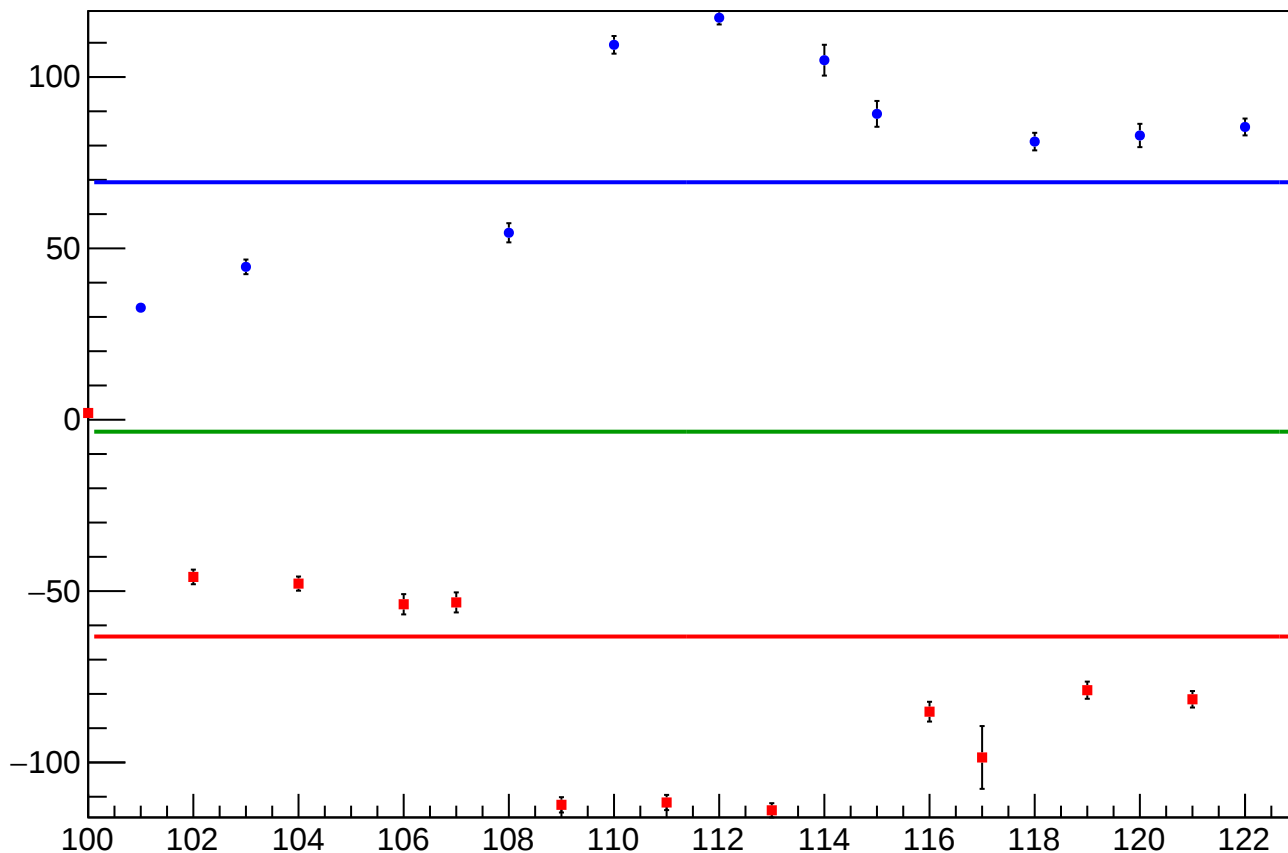
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3.378 $\pm$ 0.391 χ^2 /NDF: 214.7/10

-0.401 $\pm$ 0.281 χ^2 /NDF: 600.1/22

-4.421 $\pm$ 0.403 χ^2 /NDF: 192.6/11

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 69.298+/-0.736 χ^2/NDF : 1917.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -63.253+/-0.667 χ^2/NDF : 3849.5/11

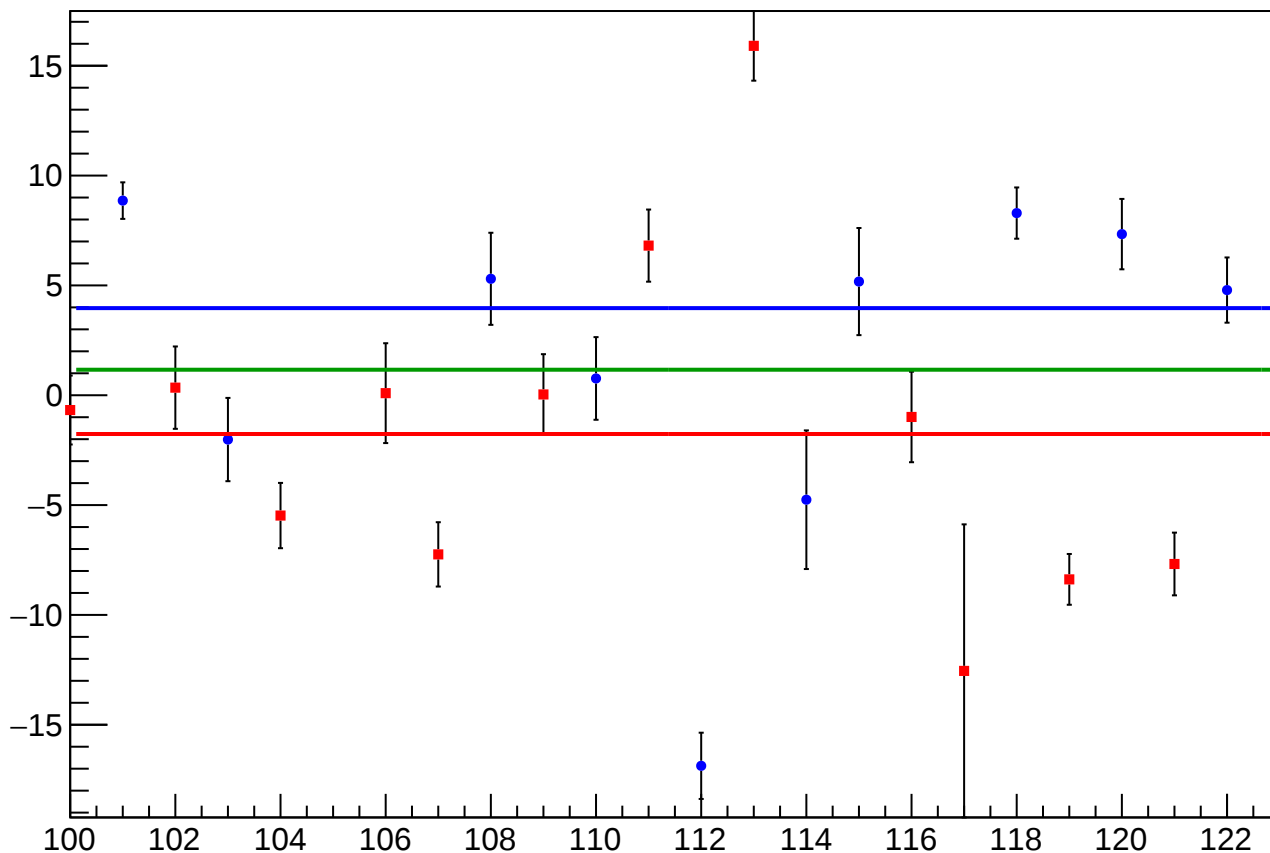
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

69.298+/-0.736 χ^2/NDF : 1917.2/10

-3.483+/-0.494 χ^2/NDF : 23589.8/22

-63.253+/-0.667 χ^2/NDF : 3849.5/11

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.966 $\pm$ 0.468 χ^2 /NDF: 265.8/10

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

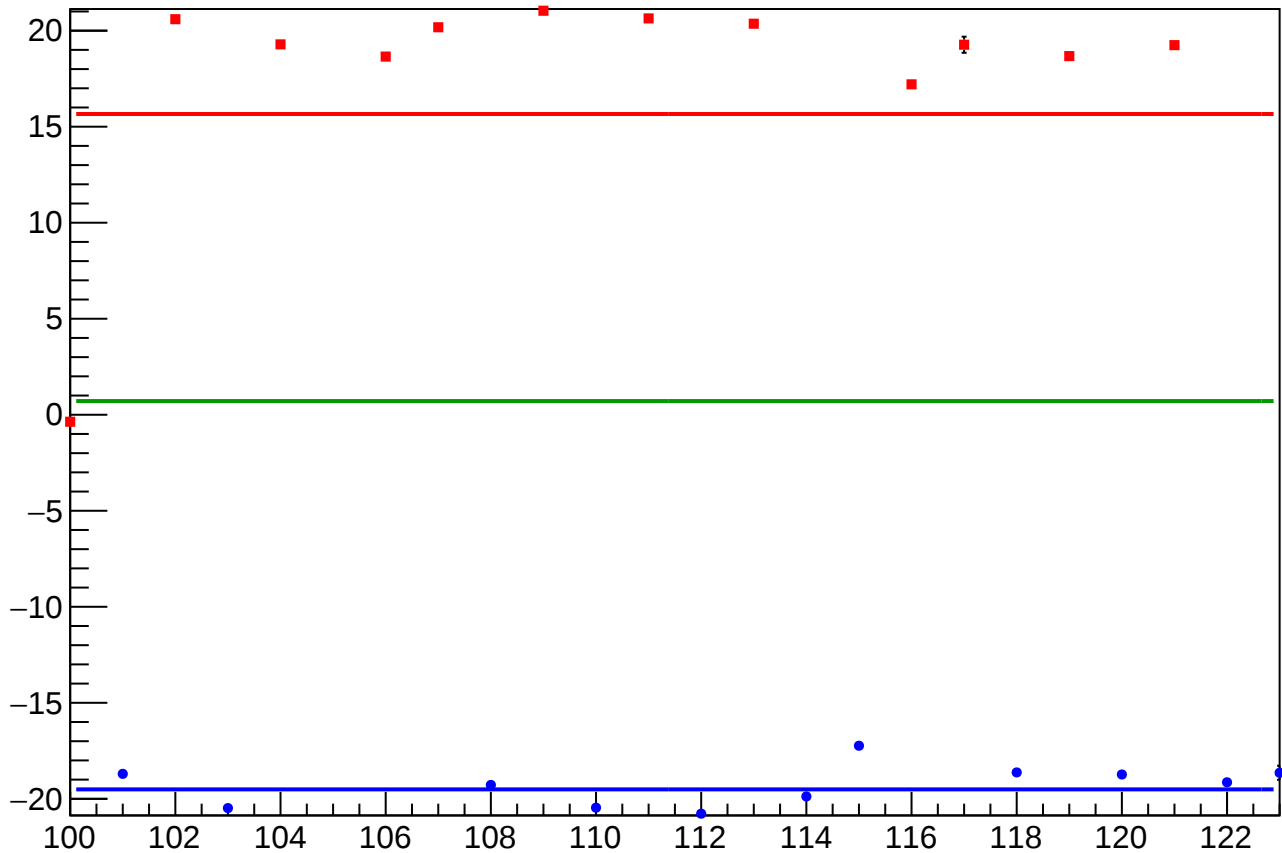
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

3.966 $\pm$ 0.468 χ^2 /NDF: 265.8/10

1.162 $\pm$ 0.335 χ^2 /NDF: 566.9/22

-1.764 $\pm$ 0.479 χ^2 /NDF: 227.8/11

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.509 ± 0.025 χ^2/NDF : 1273.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 15.660 ± 0.022 χ^2/NDF : 144617.4/11

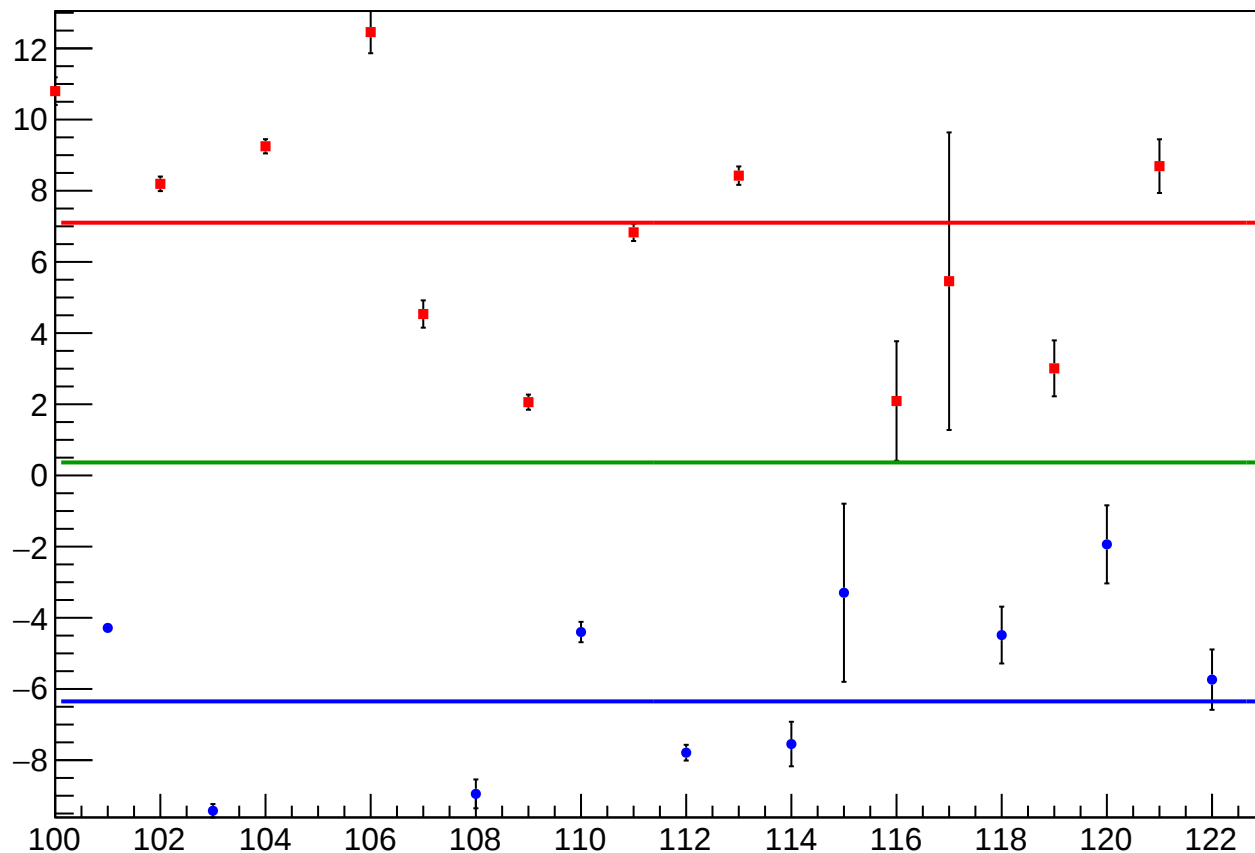
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-19.509 ± 0.025 χ^2/NDF : 1273.2/10

0.712 ± 0.016 χ^2/NDF : 1278632.6/22

15.660 ± 0.022 χ^2/NDF : 144617.4/11

reg_asym_sam_15_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -6.349+/-0.090 χ^2/NDF : 637.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.102+/-0.090 χ^2/NDF : 991.4/11

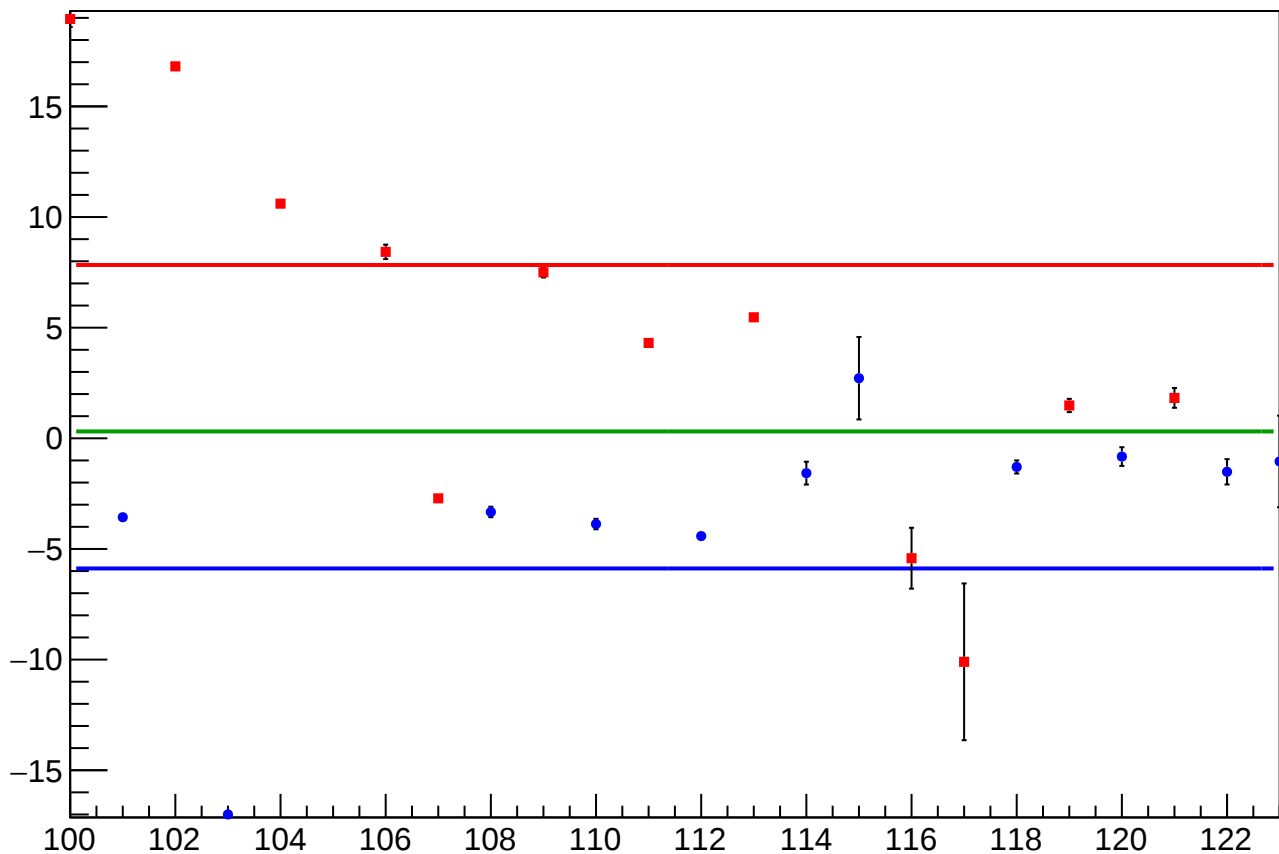
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.349+/-0.090 χ^2/NDF : 637.2/10

0.365+/-0.064 χ^2/NDF : 12775.5/22

7.102+/-0.090 χ^2/NDF : 991.4/11

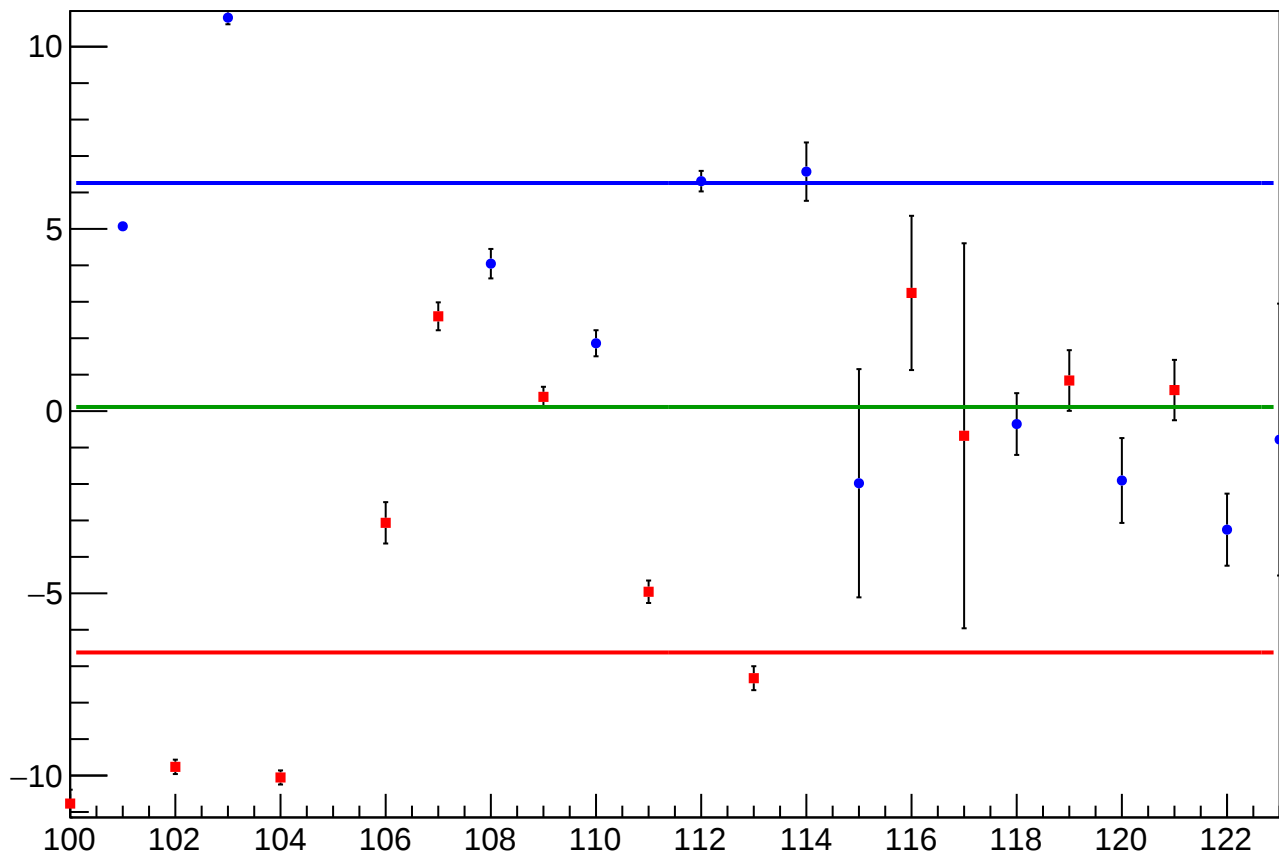
reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.882+/-0.057 χ^2 /NDF: 8440.2/10
 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

-5.882+/-0.057 χ^2 /NDF: 8440.2/10
 0.311+/-0.042 χ^2 /NDF: 45282.4/22
 7.833+/-0.063 χ^2 /NDF: 11053.1/11

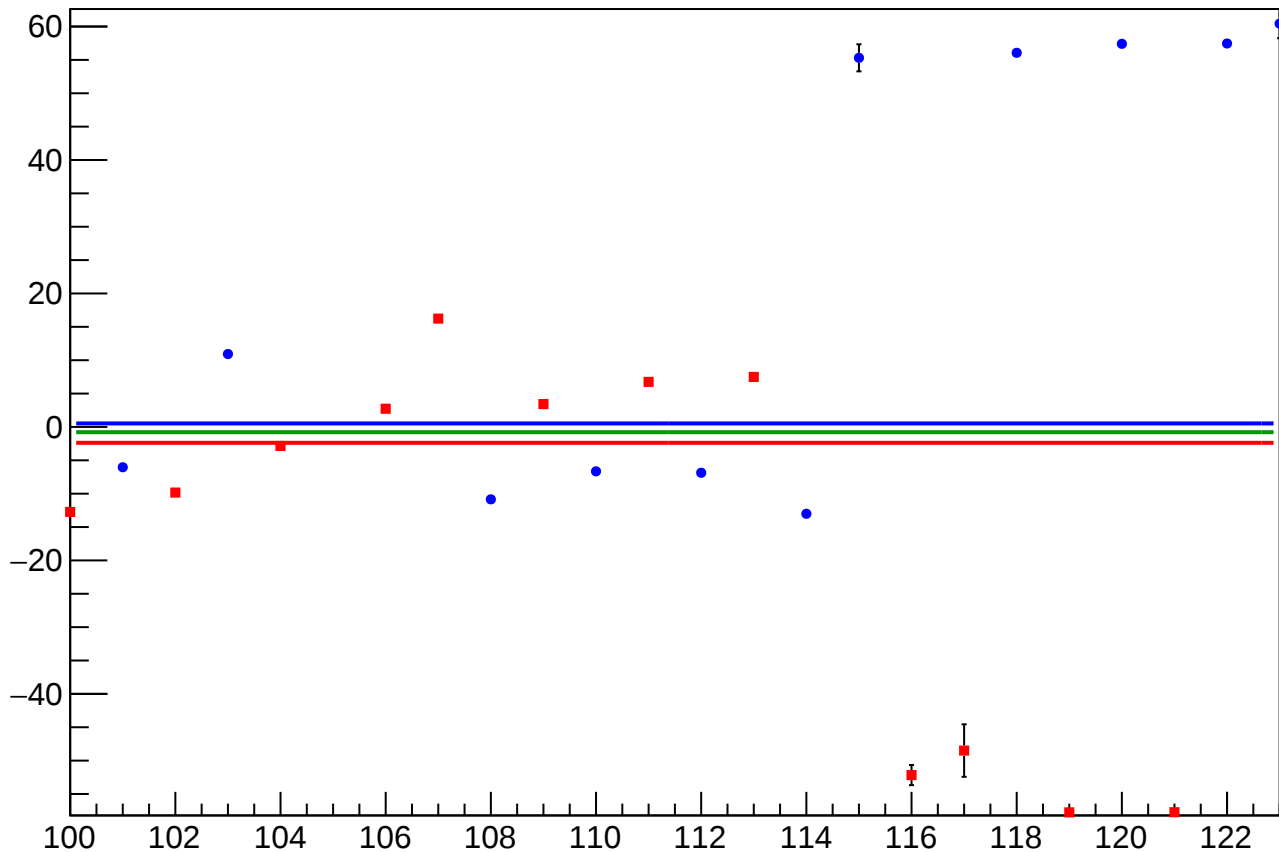
reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.259+/-0.093 χ^2/NDF : 1090.8/10
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -6.623+/-0.098 χ^2/NDF : 2160.3/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.259+/-0.093 χ^2/NDF : 1090.8/10
 0.113+/-0.067 χ^2/NDF : 12374.8/22
 -6.623+/-0.098 χ^2/NDF : 2160.3/11

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.525+/-0.069 χ^2/NDF : 54809.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.378+/-0.075 χ^2/NDF : 50301.1/11

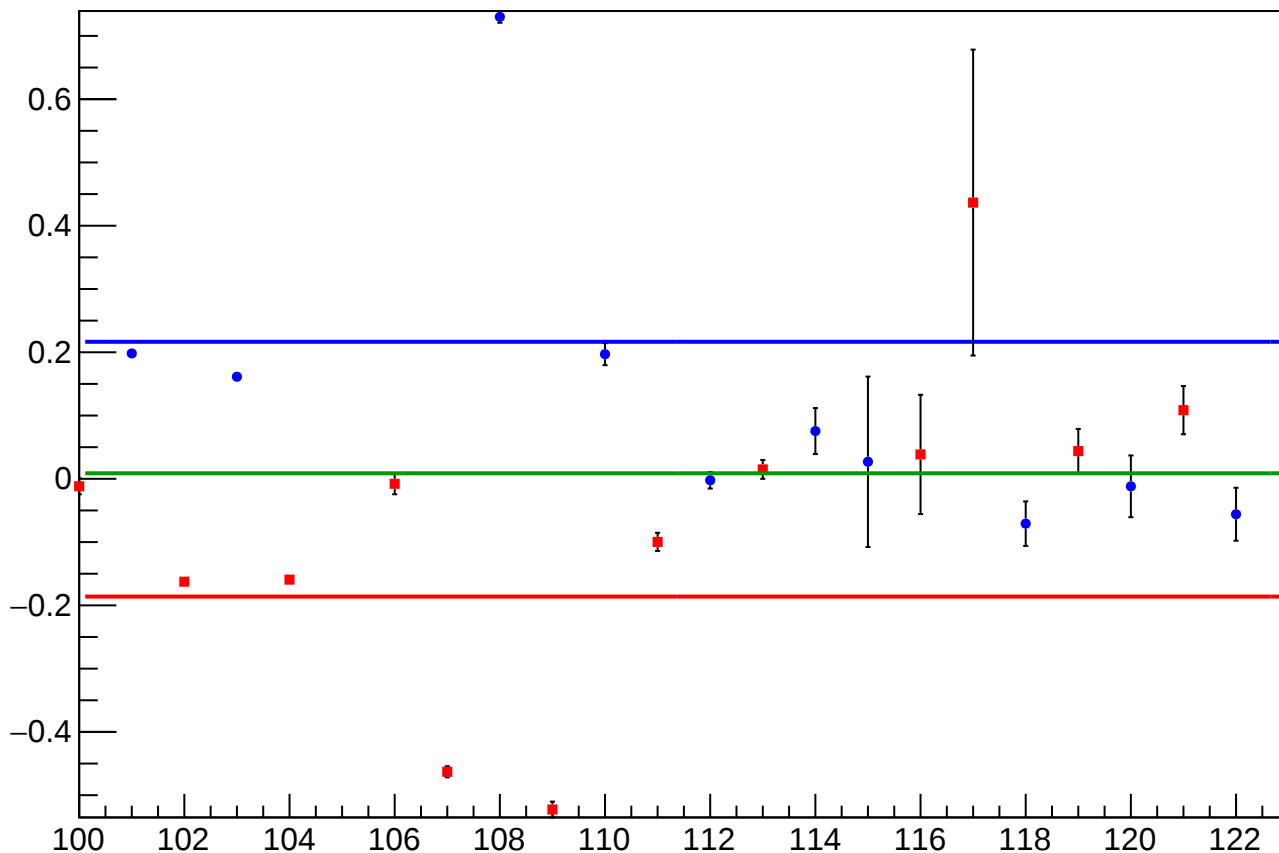
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.525+/-0.069 χ^2/NDF : 54809.4/10

-0.788+/-0.051 χ^2/NDF : 105922.2/22

-2.378+/-0.075 χ^2/NDF : 50301.1/11

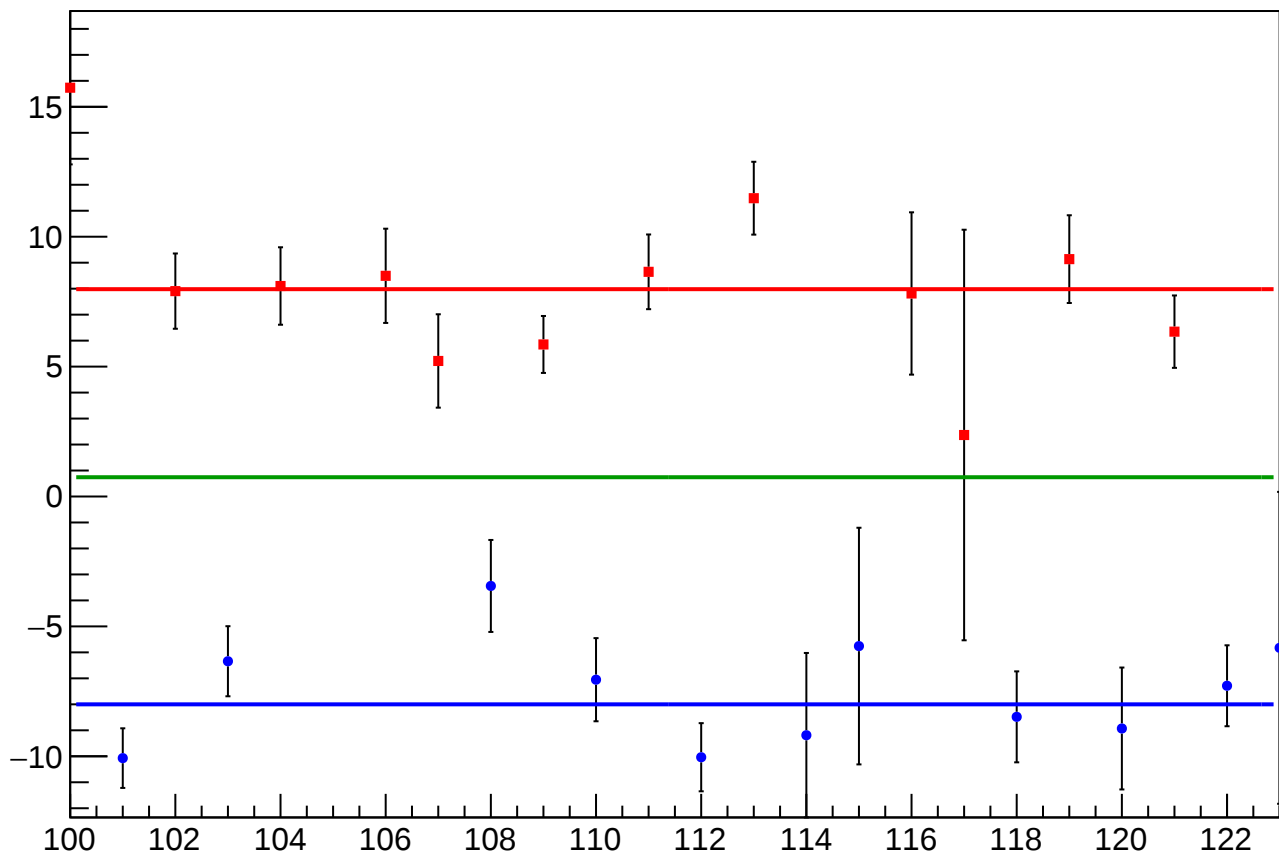
reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.217 $\pm$ 0.003 χ^2/NDF : 3684.2/10
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: -0.186 $\pm$ 0.003 χ^2/NDF : 2408.8/11
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.217 $\pm$ 0.003 χ^2/NDF : 3684.2/10
 0.009 $\pm$ 0.002 χ^2/NDF : 16228.2/22
 -0.186 $\pm$ 0.003 χ^2/NDF : 2408.8/11

reg_asym_sam_15_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -8.001 ± 0.520 χ^2/NDF : 15.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 7.981 ± 0.473 χ^2/NDF : 21.9/11

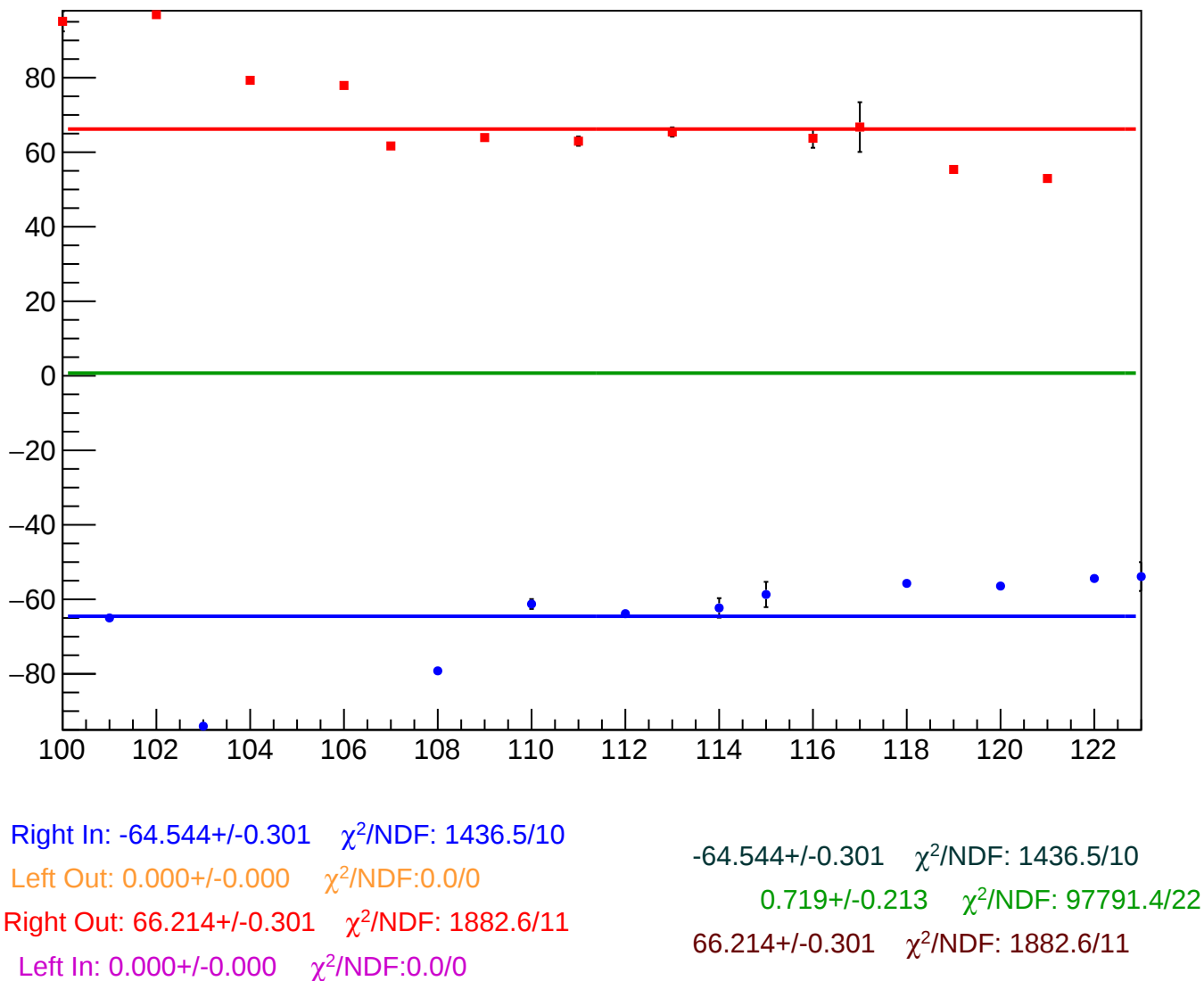
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-8.001 ± 0.520 χ^2/NDF : 15.1/10

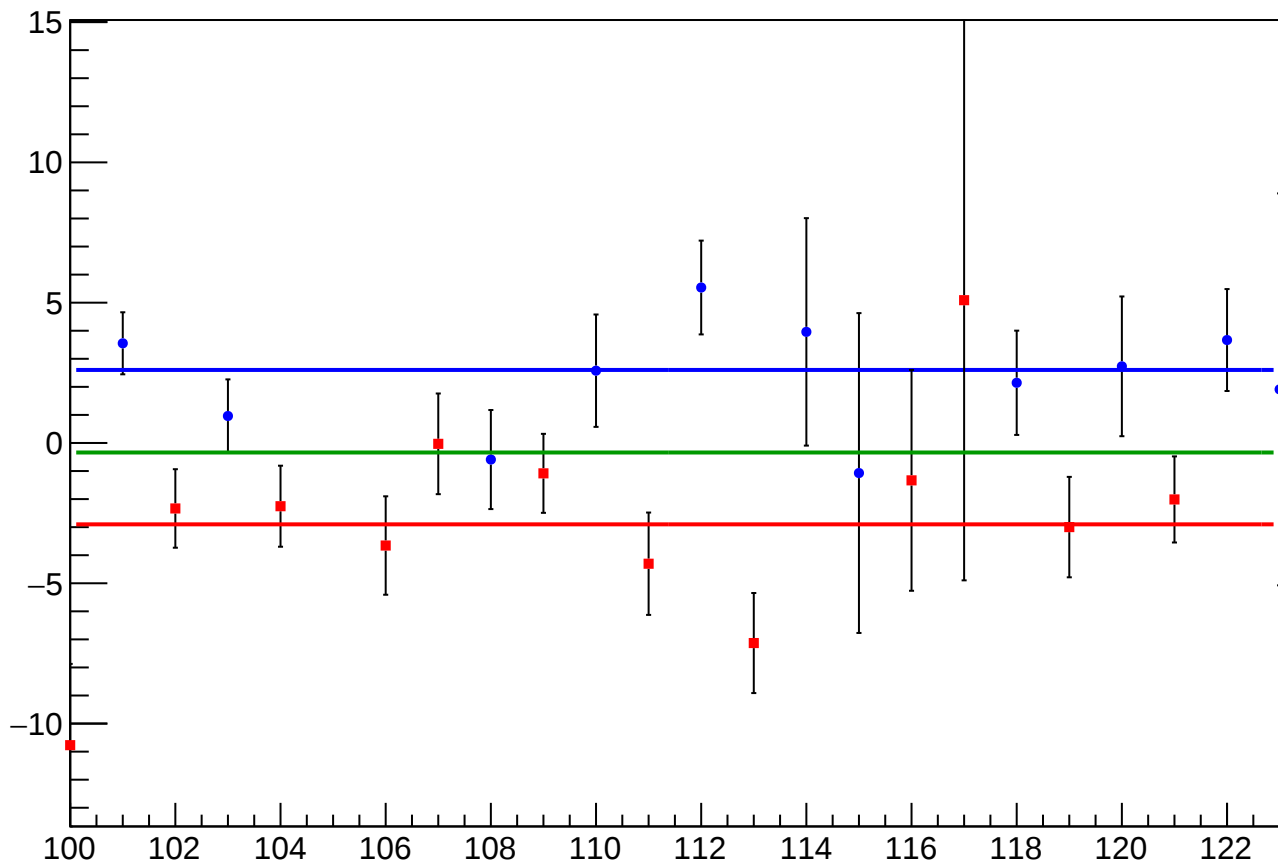
0.742 ± 0.350 χ^2/NDF : 553.4/22

7.981 ± 0.473 χ^2/NDF : 21.9/11

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.603 $\pm$ 0.559 χ^2 /NDF: 9.6/10

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

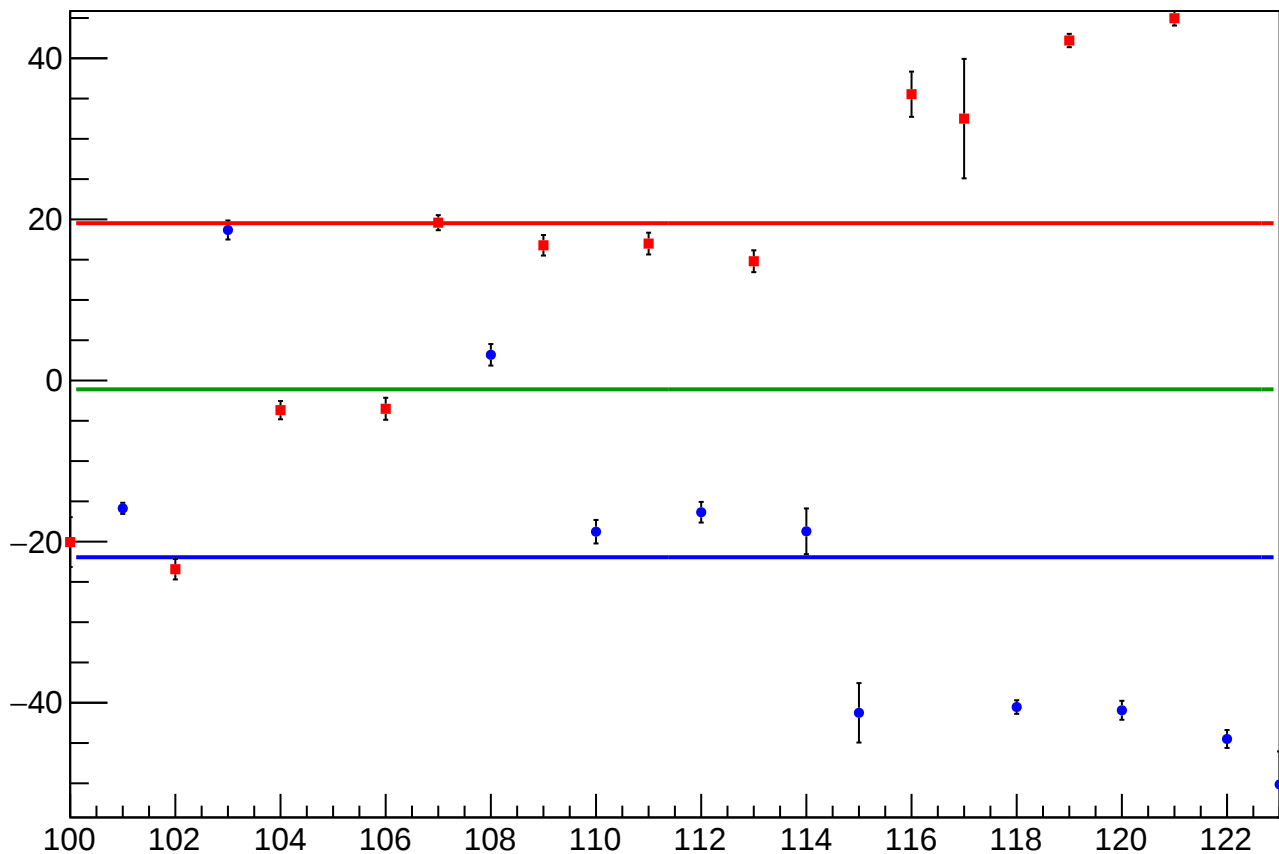
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.603 $\pm$ 0.559 χ^2 /NDF: 9.6/10

-0.339 $\pm$ 0.381 χ^2 /NDF: 80.9/22

-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: -21.938 ± 0.362 χ^2/NDF : 2871.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 19.527 ± 0.360 χ^2/NDF : 3608.3/11

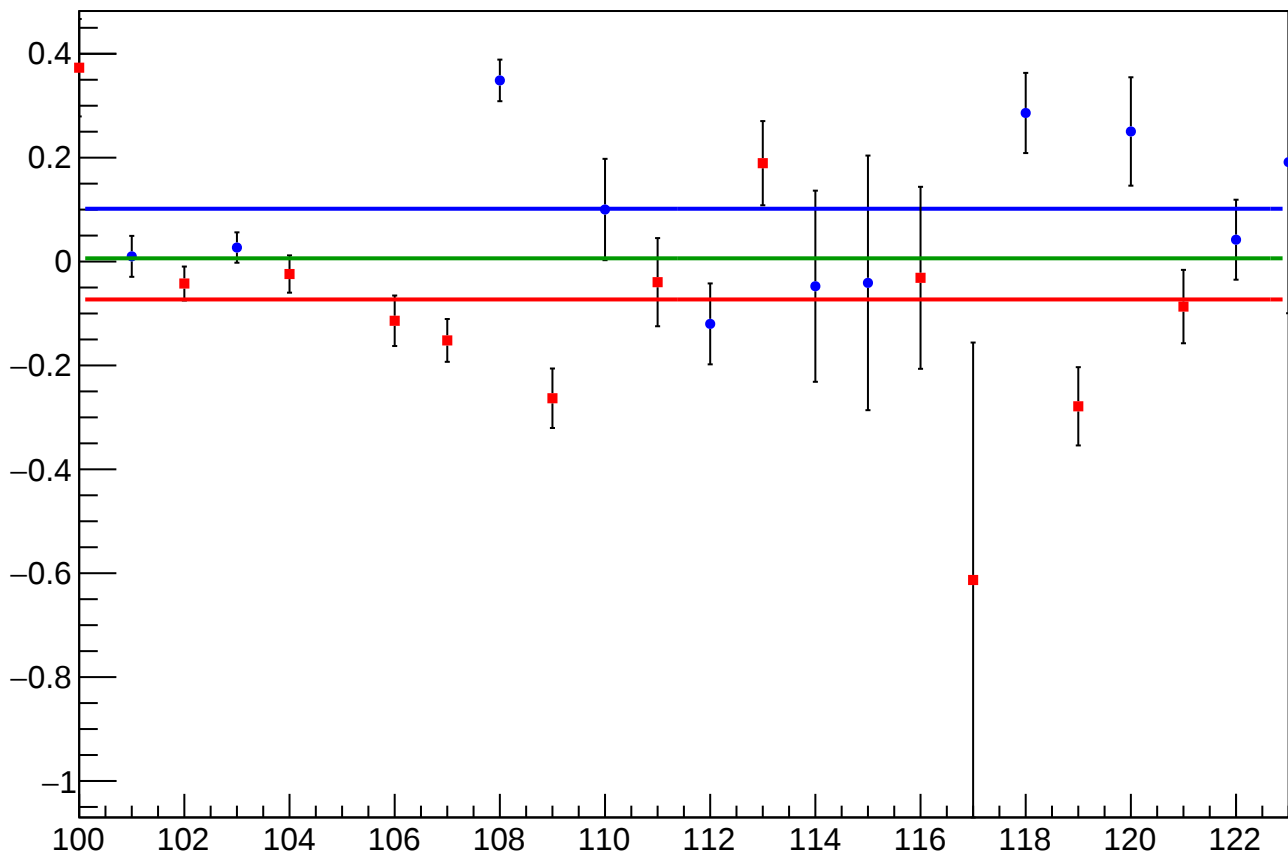
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-21.938 ± 0.362 χ^2/NDF : 2871.8/10

-1.096 ± 0.255 χ^2/NDF : 13079.1/22

19.527 ± 0.360 χ^2/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: 67.6/10

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

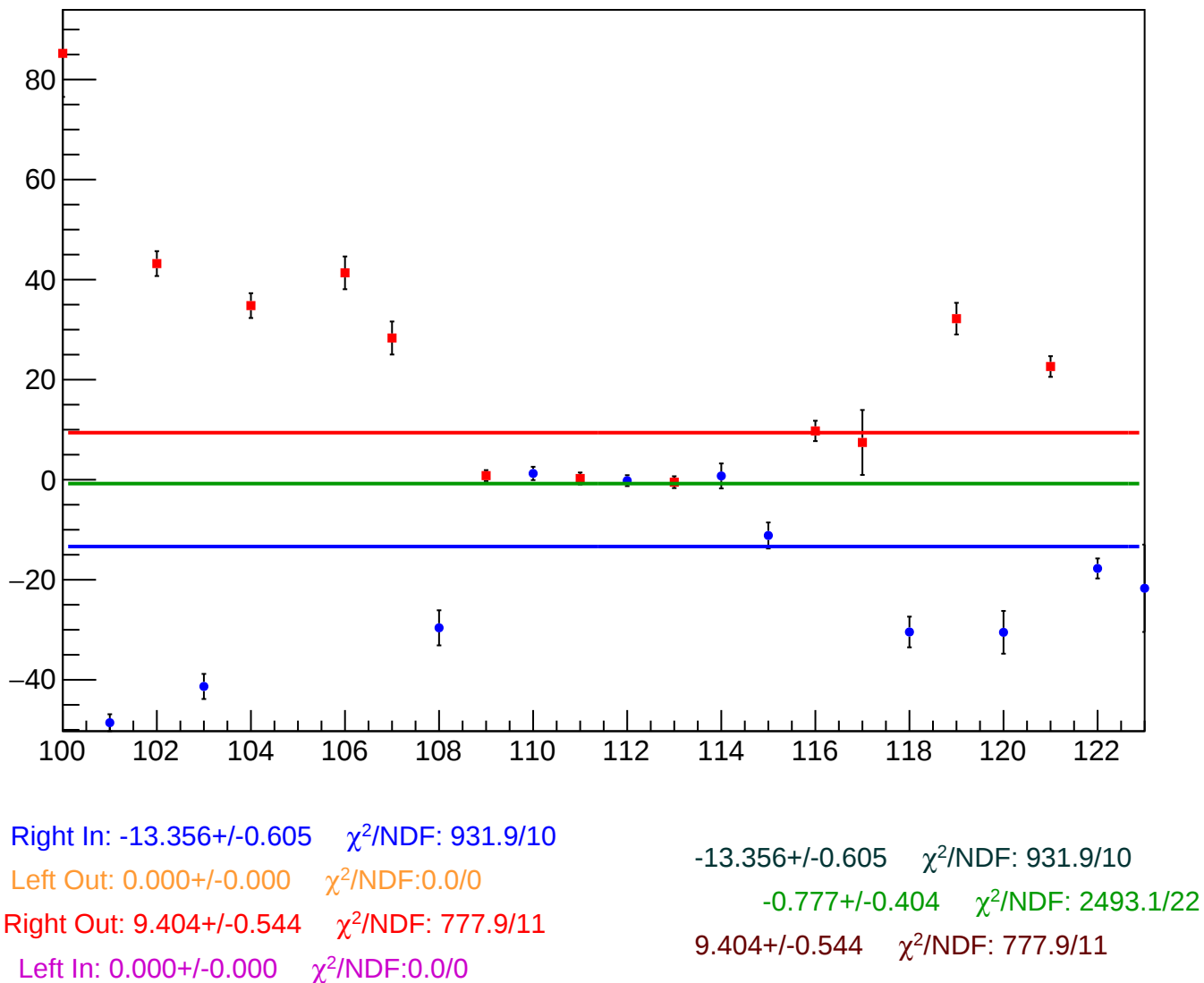
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.102 $\pm$ 0.018 χ^2 /NDF: 67.6/10

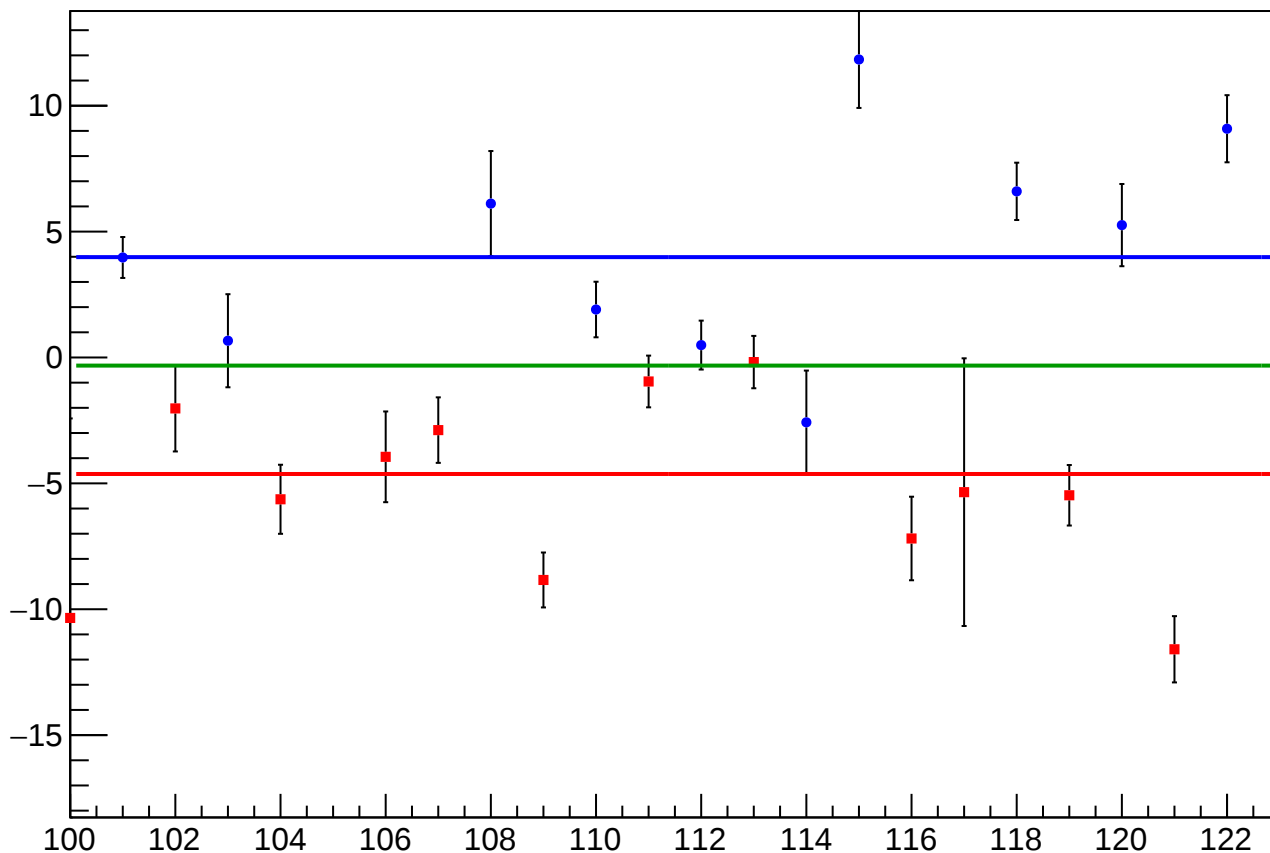
0.006 $\pm$ 0.012 χ^2 /NDF: 181.1/22

-0.073 $\pm$ 0.016 χ^2 /NDF: 60.3/11

reg_asym_sam_37_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.986 $\pm$ 0.403 χ^2 /NDF: 68.1/10

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

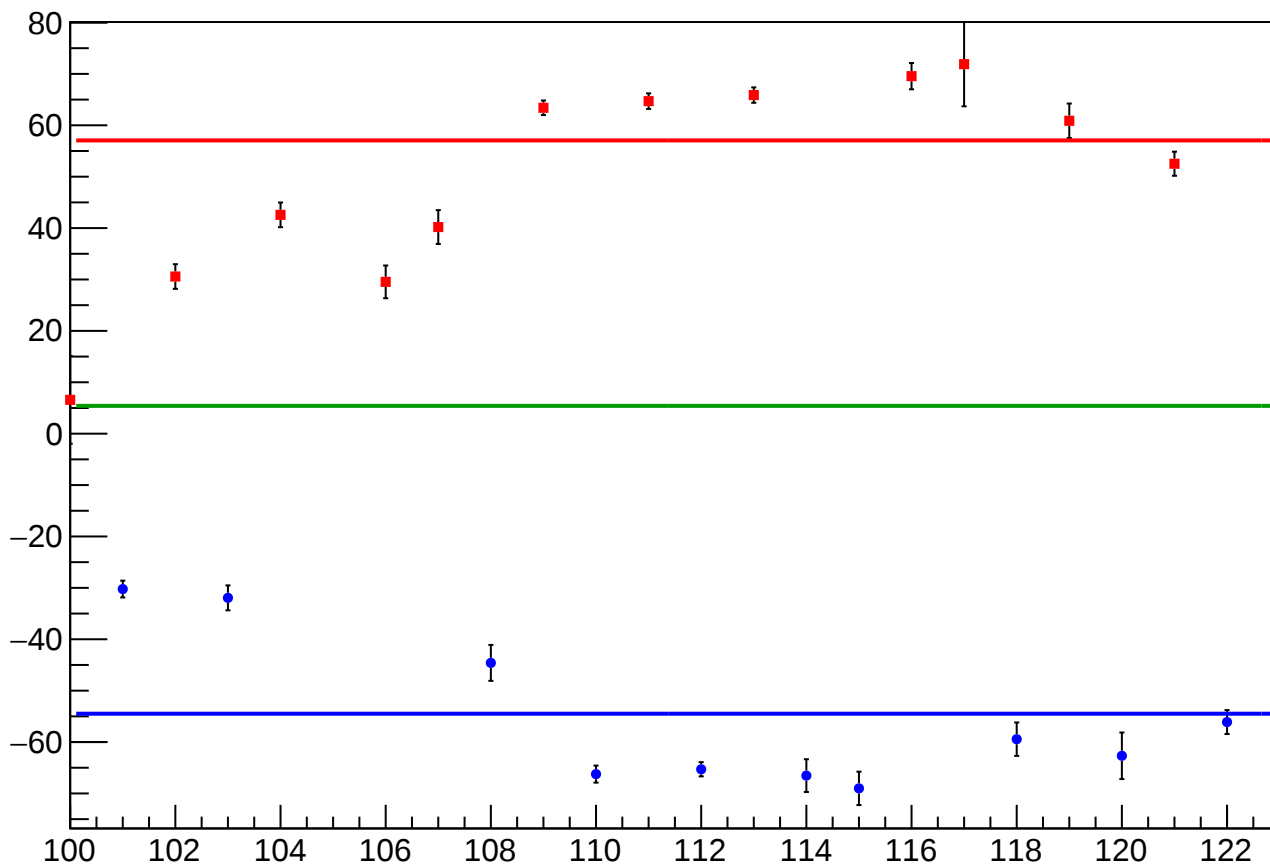
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3.986 $\pm$ 0.403 χ^2 /NDF: 68.1/10

-0.322 $\pm$ 0.285 χ^2 /NDF: 379.0/22

-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: -54.486 $\pm$ 0.700 χ^2 /NDF: 468.4/10

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

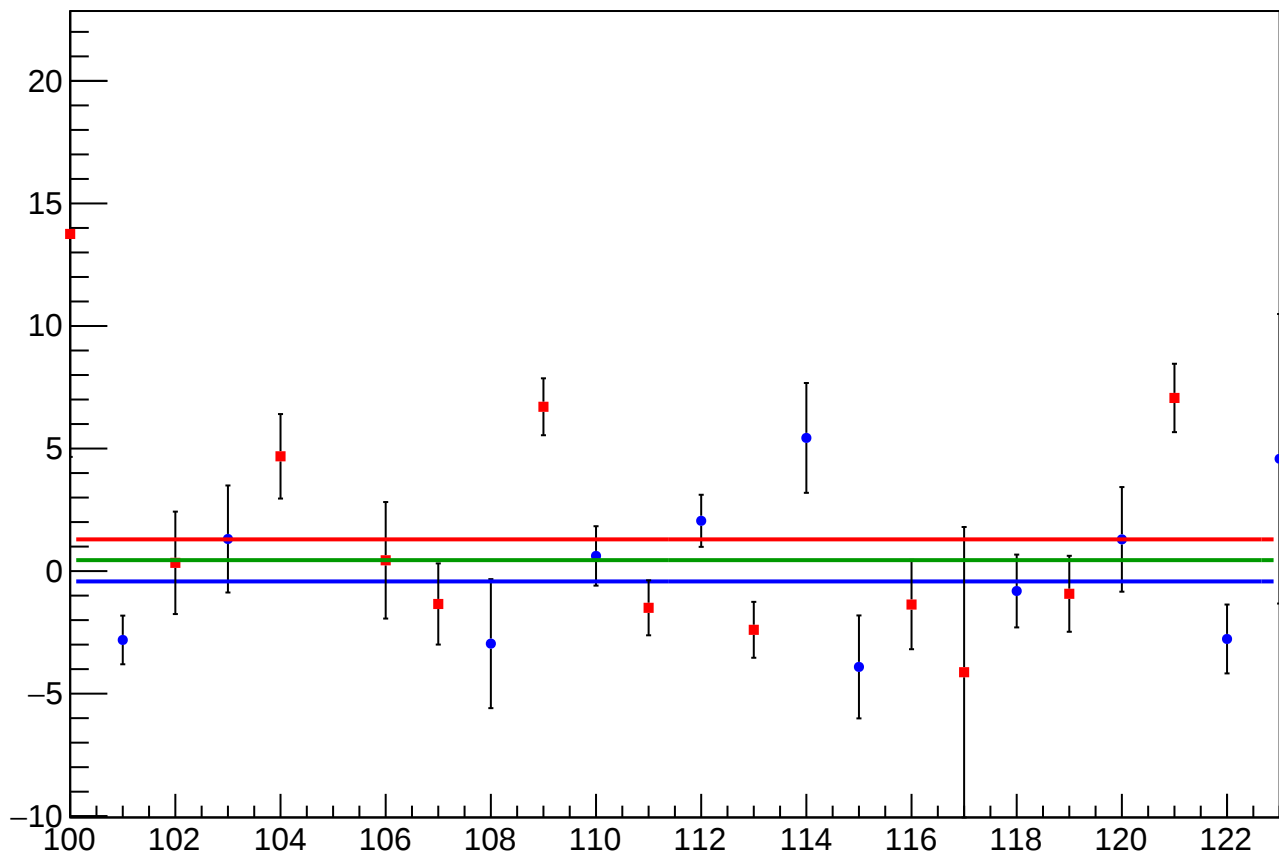
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-54.486 $\pm$ 0.700 χ^2 /NDF: 468.4/10

5.411 $\pm$ 0.476 χ^2 /NDF: 14526.7/22

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: -0.421+/-0.468 χ^2/NDF : 27.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.294+/-0.462 χ^2/NDF : 69.1/11

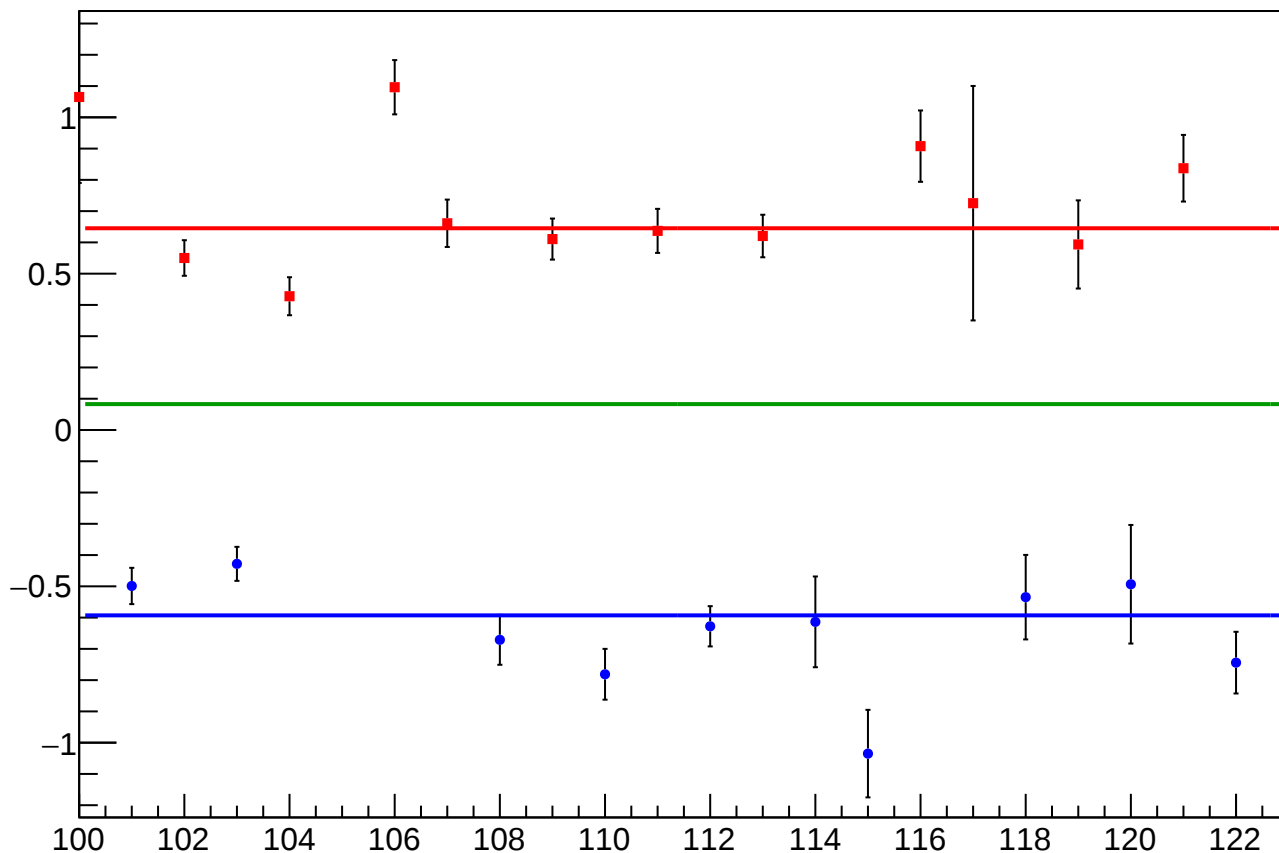
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.421+/-0.468 χ^2/NDF : 27.3/10

0.447+/-0.329 χ^2/NDF : 103.2/22

1.294+/-0.462 χ^2/NDF : 69.1/11

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.593 ± 0.026 χ^2/NDF : 31.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.645 ± 0.024 χ^2/NDF : 54.1/11

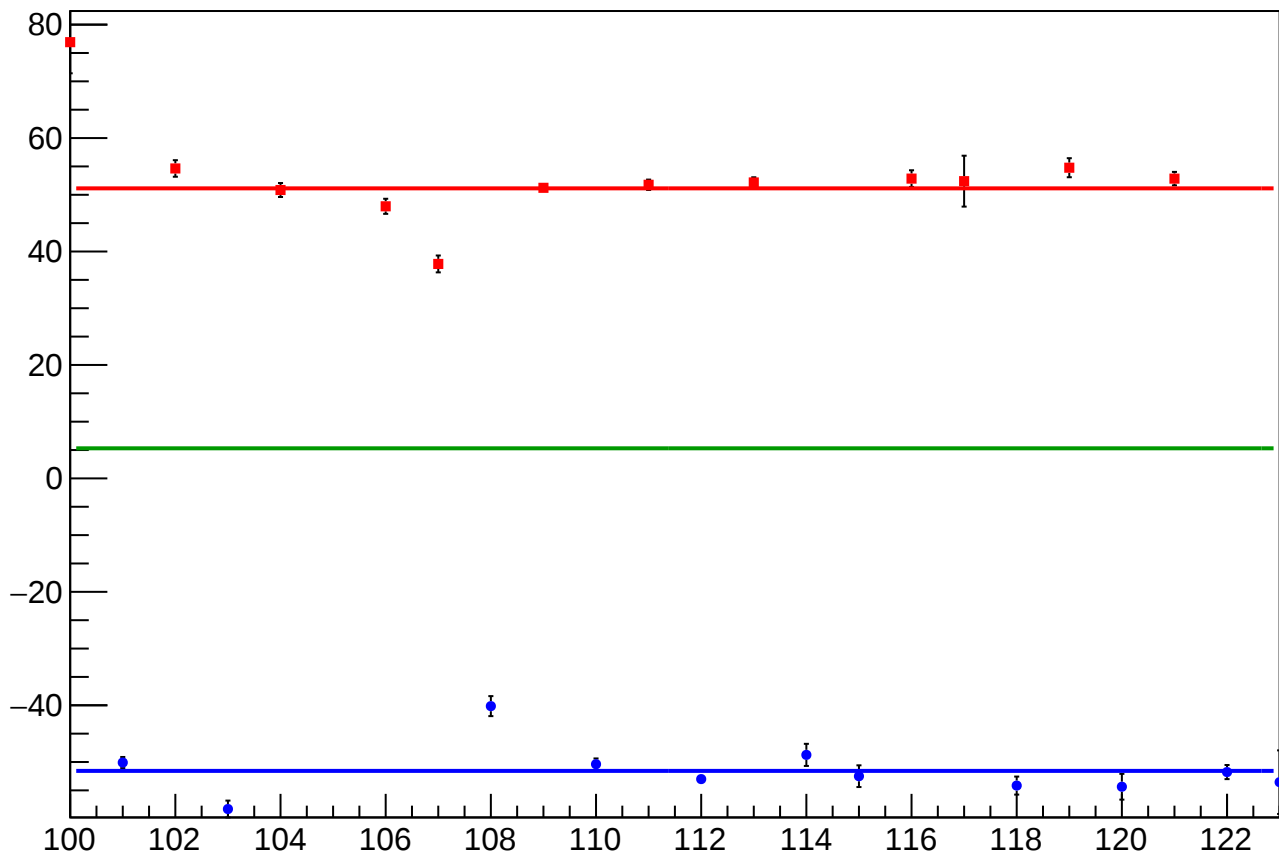
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.593 ± 0.026 χ^2/NDF : 31.5/10

0.083 ± 0.018 χ^2/NDF : 1319.3/22

0.645 ± 0.024 χ^2/NDF : 54.1/11

reg_asym_sam_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -51.567 $\pm$ 0.408 χ^2 /NDF: 75.7/10

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

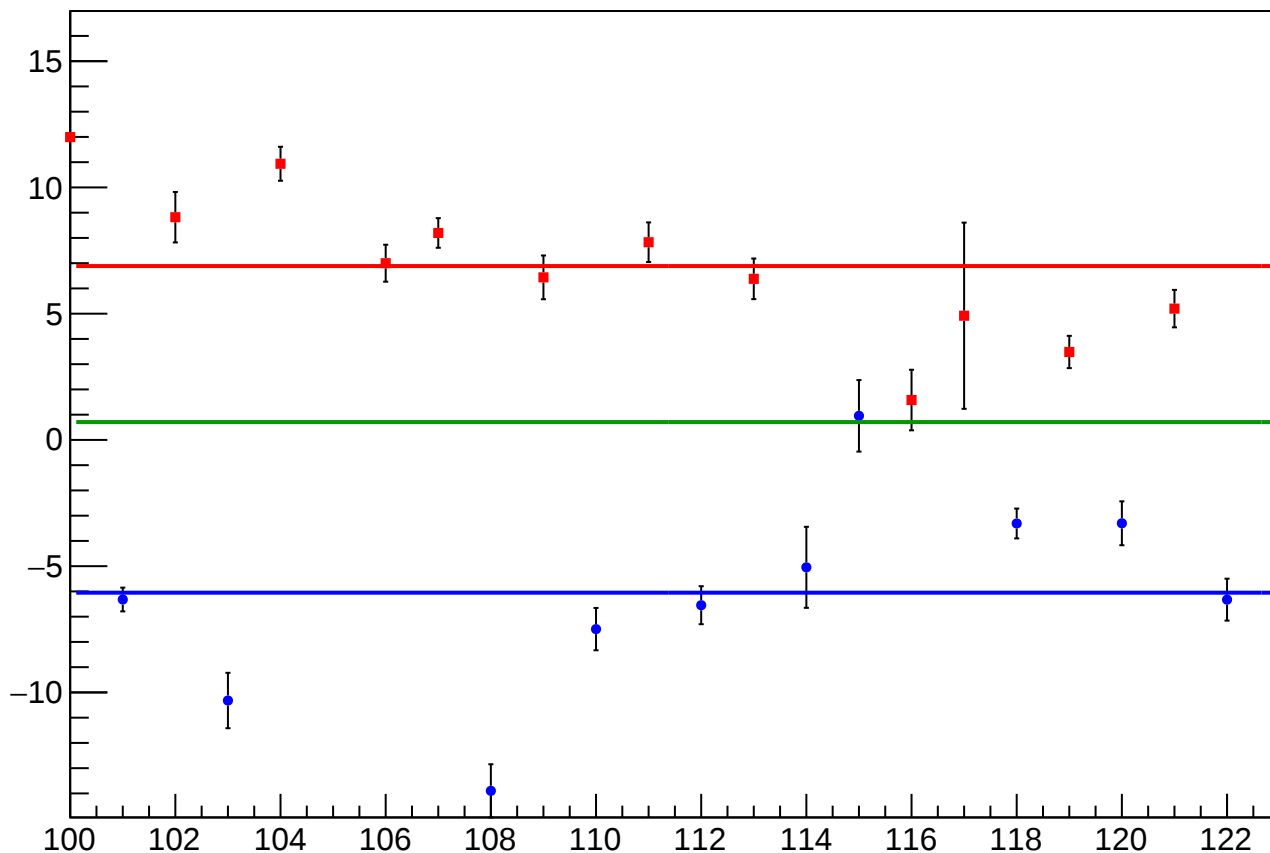
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-51.567 $\pm$ 0.408 χ^2 /NDF: 75.7/10

5.303 $\pm$ 0.273 χ^2 /NDF: 35295.7/22

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: -6.050+/-0.250 χ^2 /NDF: 131.4/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 6.886+/-0.239 χ^2 /NDF: 101.5/11

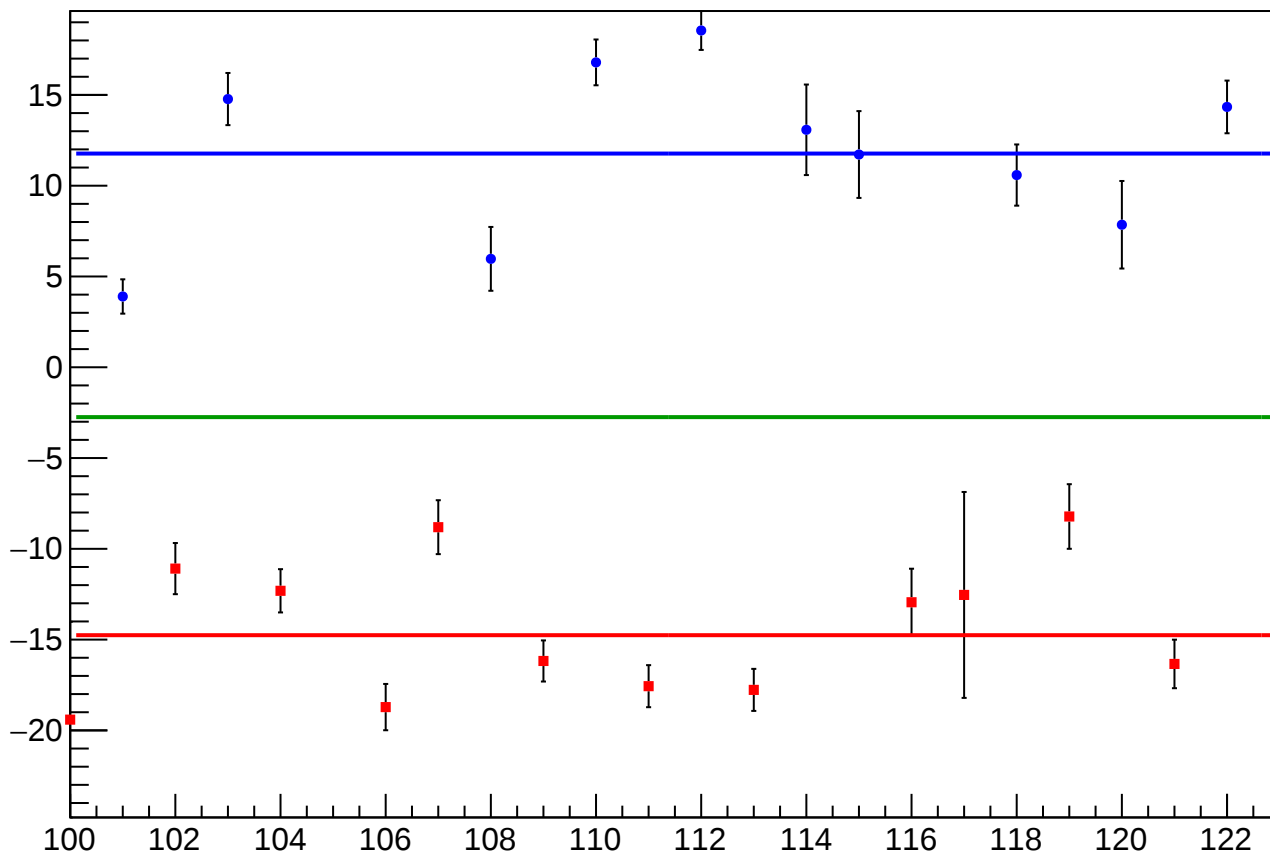
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-6.050+/-0.250 χ^2 /NDF: 131.4/10

0.707+/-0.172 χ^2 /NDF: 1636.3/22

6.886+/-0.239 χ^2 /NDF: 101.5/11

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.770 $\pm$ 0.457 χ^2 /NDF: 148.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -14.757 $\pm$ 0.416 χ^2 /NDF: 67.7/11

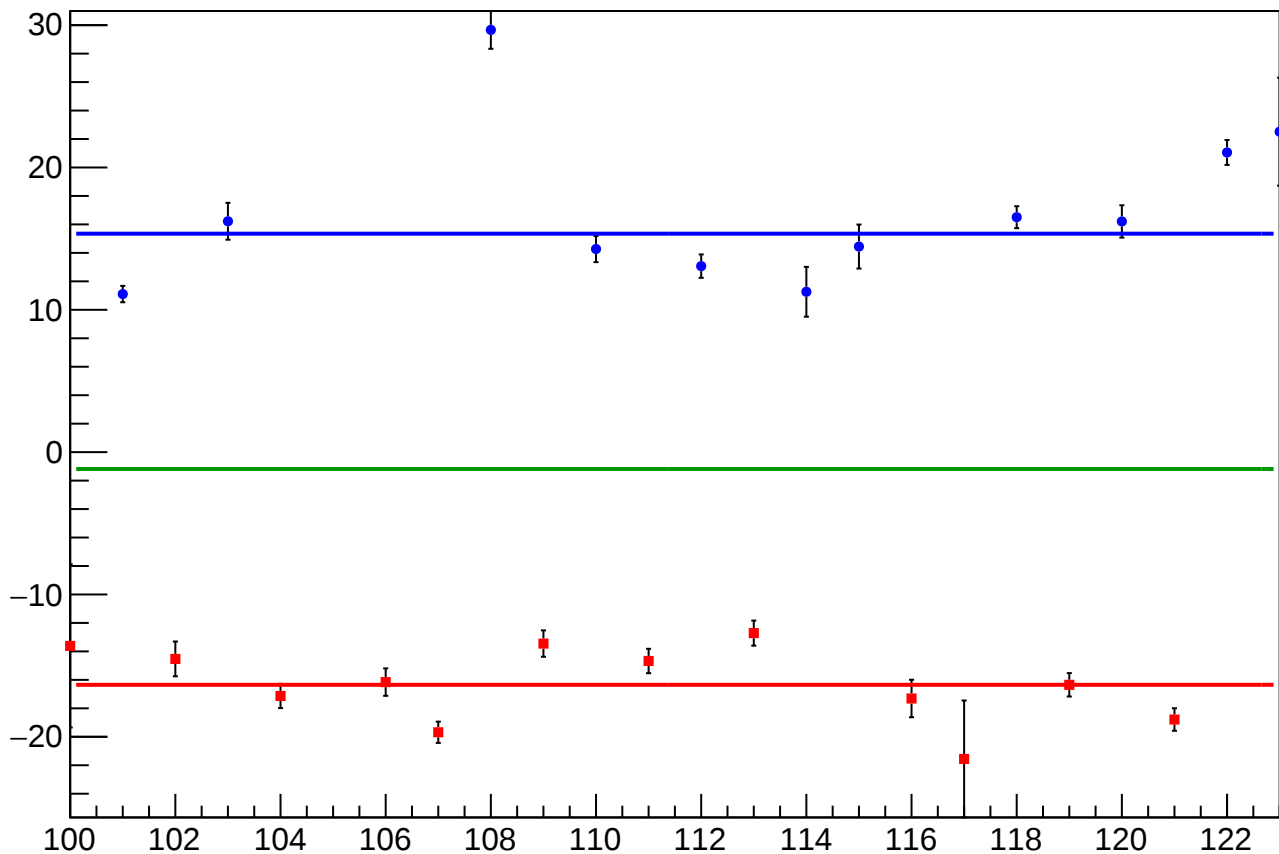
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

11.770 $\pm$ 0.457 χ^2 /NDF: 148.1/10

-2.746 $\pm$ 0.308 χ^2 /NDF: 2058.4/22

-14.757 $\pm$ 0.416 χ^2 /NDF: 67.7/11

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.348 $\pm$ 0.296 χ^2 /NDF: 235.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -16.347 $\pm$ 0.283 χ^2 /NDF: 65.4/11

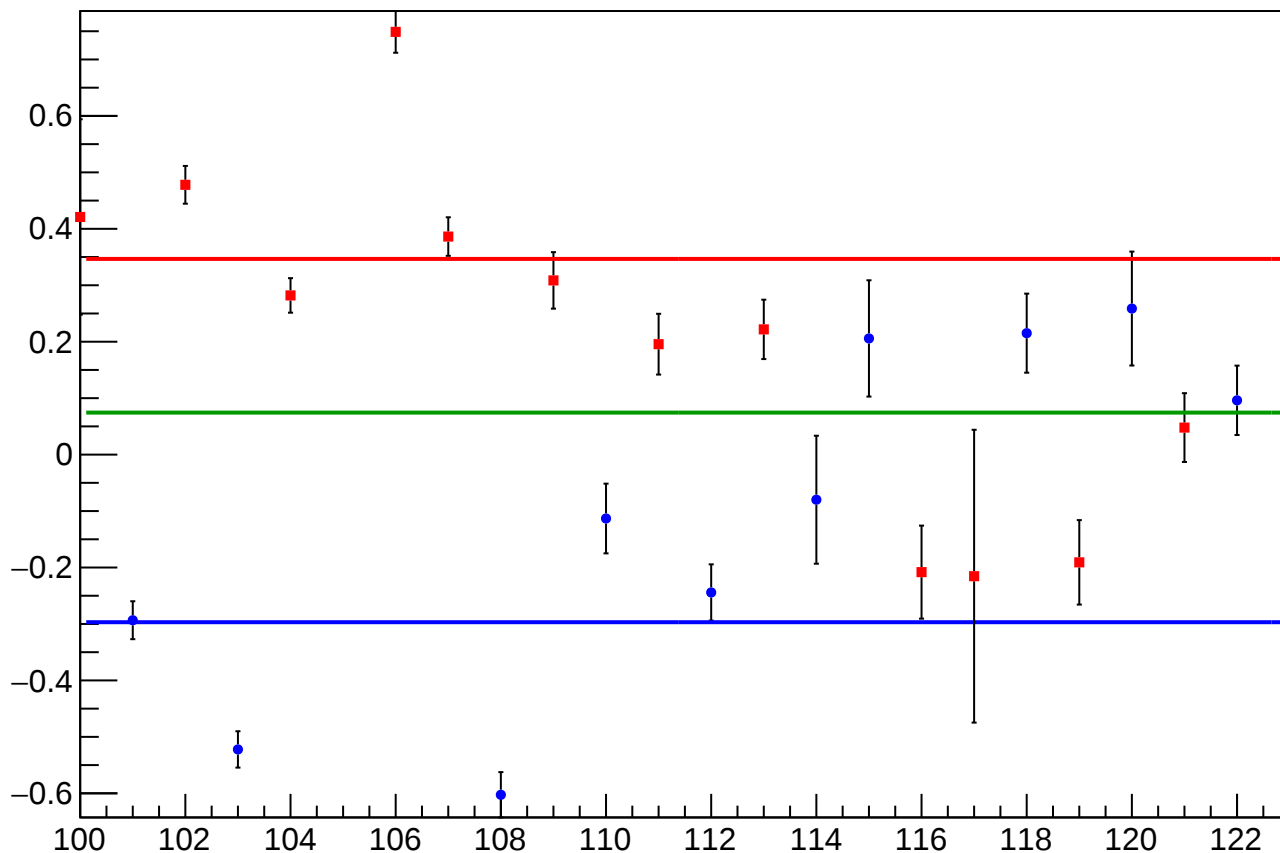
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

15.348 $\pm$ 0.296 χ^2 /NDF: 235.2/10

-1.184 $\pm$ 0.205 χ^2 /NDF: 6292.1/22

-16.347 $\pm$ 0.283 χ^2 /NDF: 65.4/11

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.297 $\pm$ 0.016 χ^2/NDF : 272.6/10

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

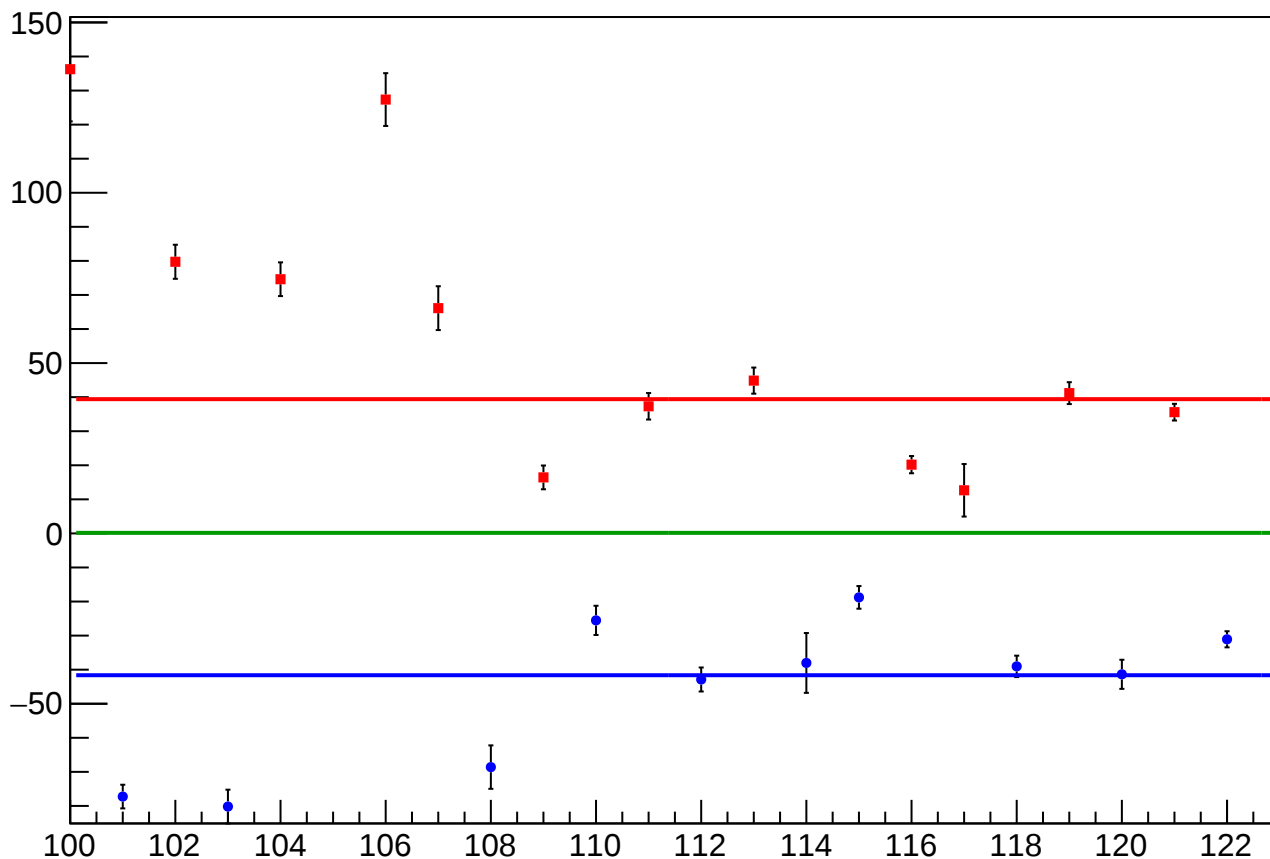
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-0.297 $\pm$ 0.016 χ^2/NDF : 272.6/10

0.074 $\pm$ 0.010 χ^2/NDF : 1481.0/22

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: -41.630 $\pm$ 1.169 χ^2 /NDF: 267.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 39.410 $\pm$ 1.133 χ^2 /NDF: 419.8/11

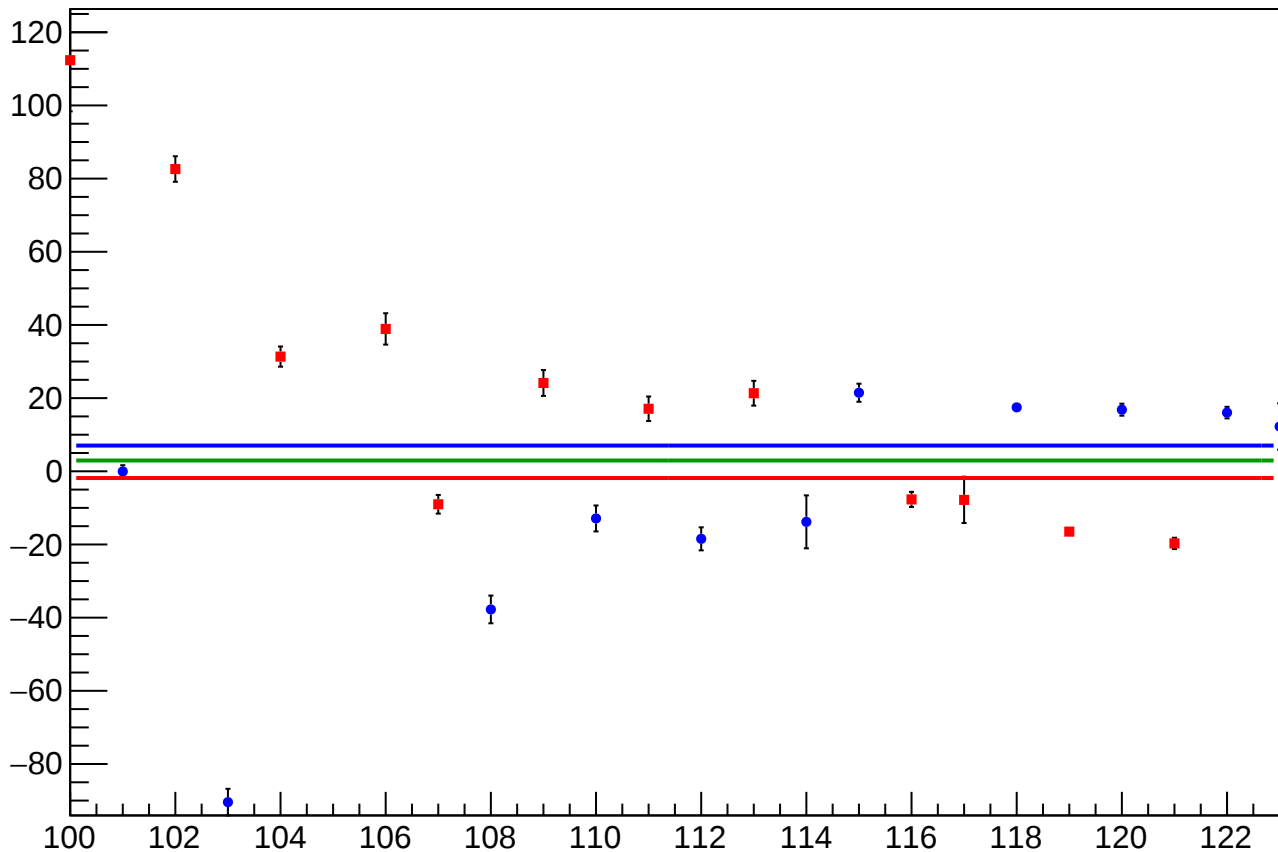
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-41.630 $\pm$ 1.169 χ^2 /NDF: 267.5/10

0.162 $\pm$ 0.814 χ^2 /NDF: 3165.2/22

39.410 $\pm$ 1.133 χ^2 /NDF: 419.8/11

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.032 $\pm$ 0.647 χ^2 /NDF: 1161.6/10

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

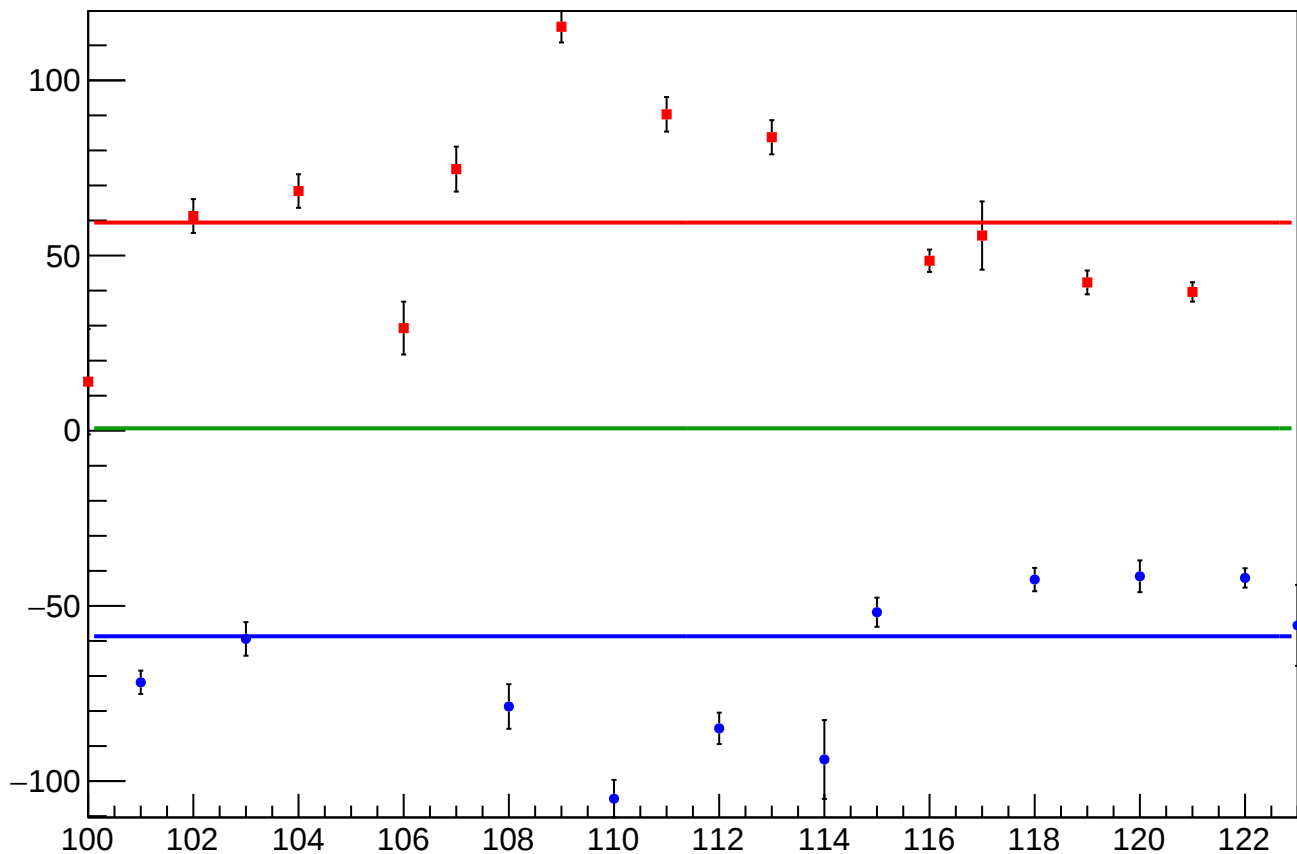
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7.032 $\pm$ 0.647 χ^2 /NDF: 1161.6/10

2.954 $\pm$ 0.476 χ^2 /NDF: 2562.2/22

-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: -58.668+/-1.307 χ^2/NDF : 221.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.417+/-1.300 χ^2/NDF : 341.8/11

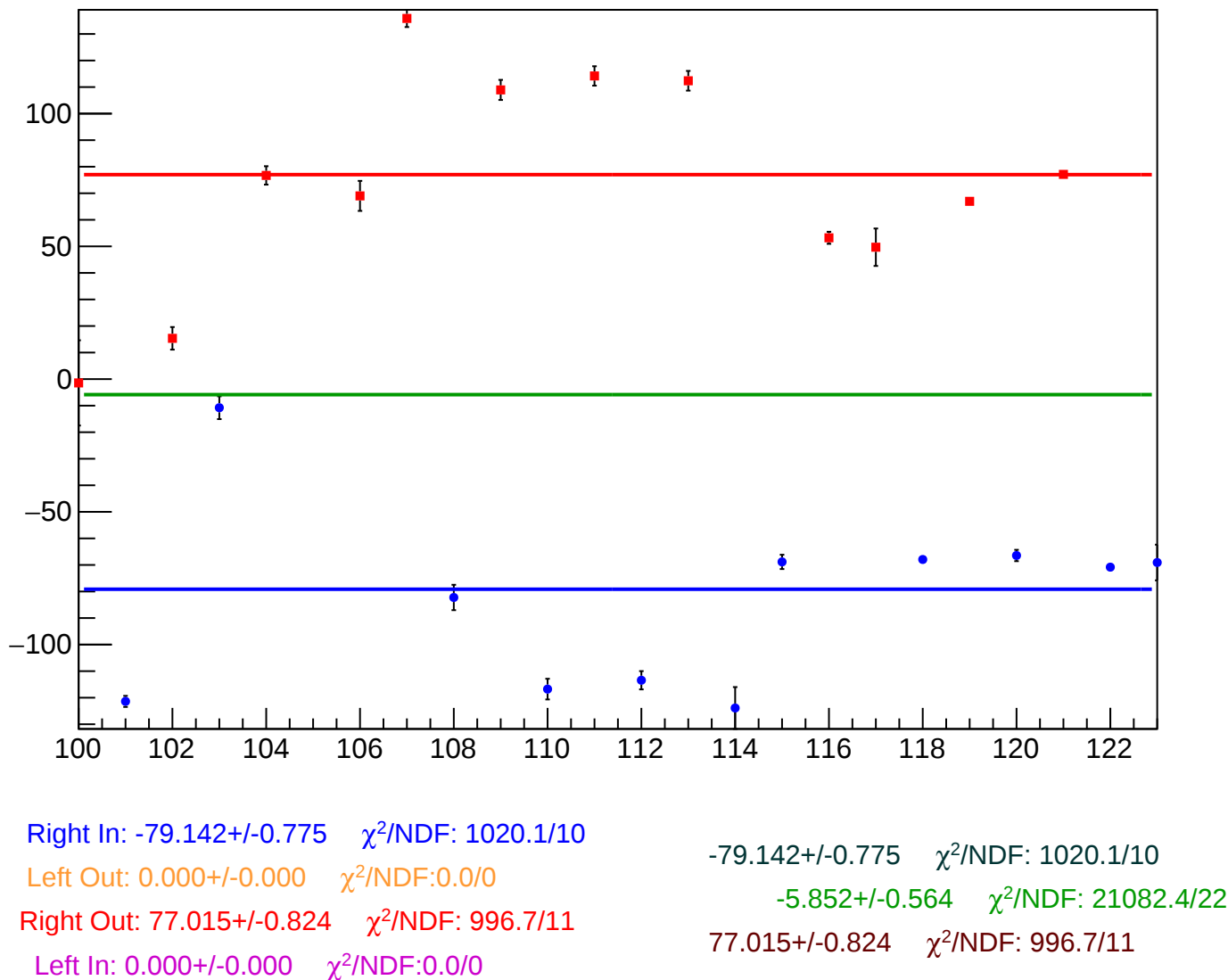
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-58.668+/-1.307 χ^2/NDF : 221.6/10

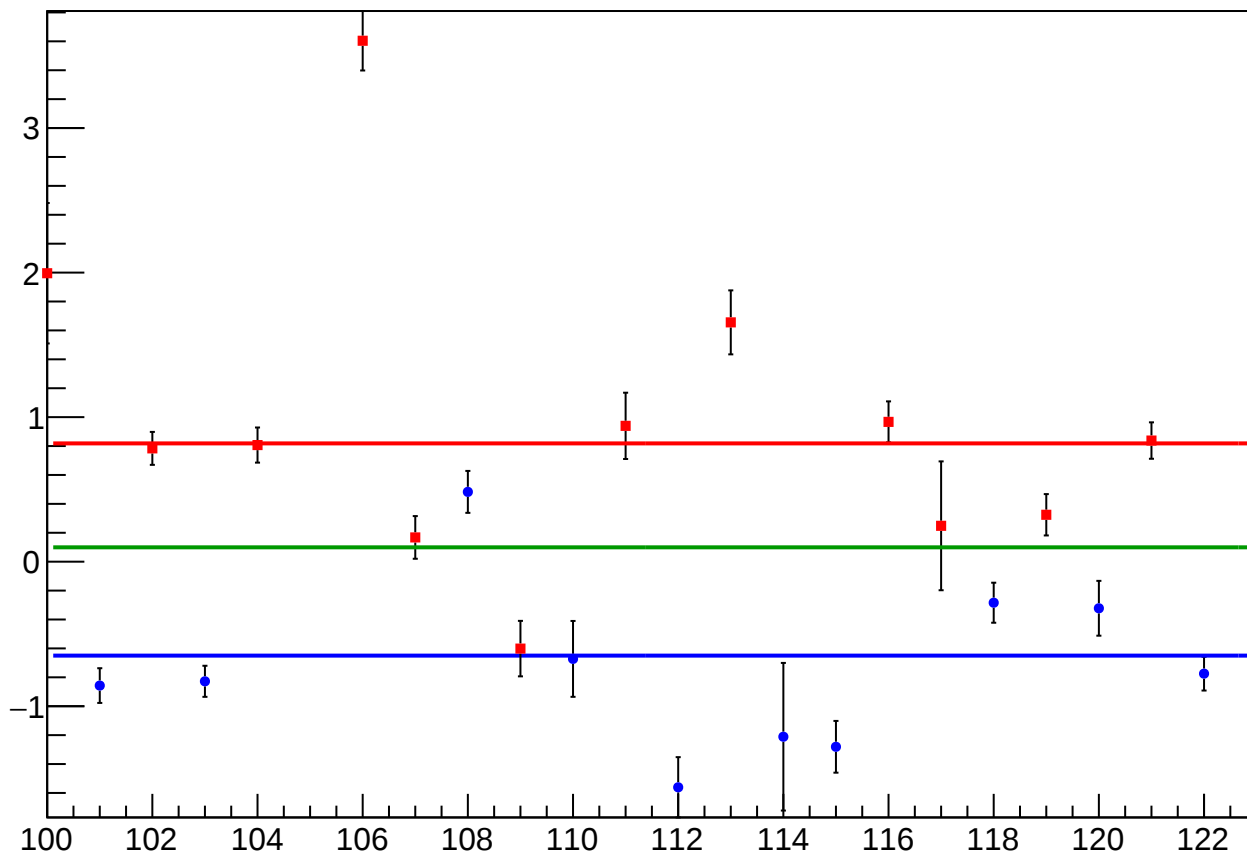
0.688+/-0.922 χ^2/NDF : 4668.1/22

59.417+/-1.300 χ^2/NDF : 341.8/11

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.650 ± 0.048 χ^2/NDF : 110.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.818 ± 0.047 χ^2/NDF : 292.7/11

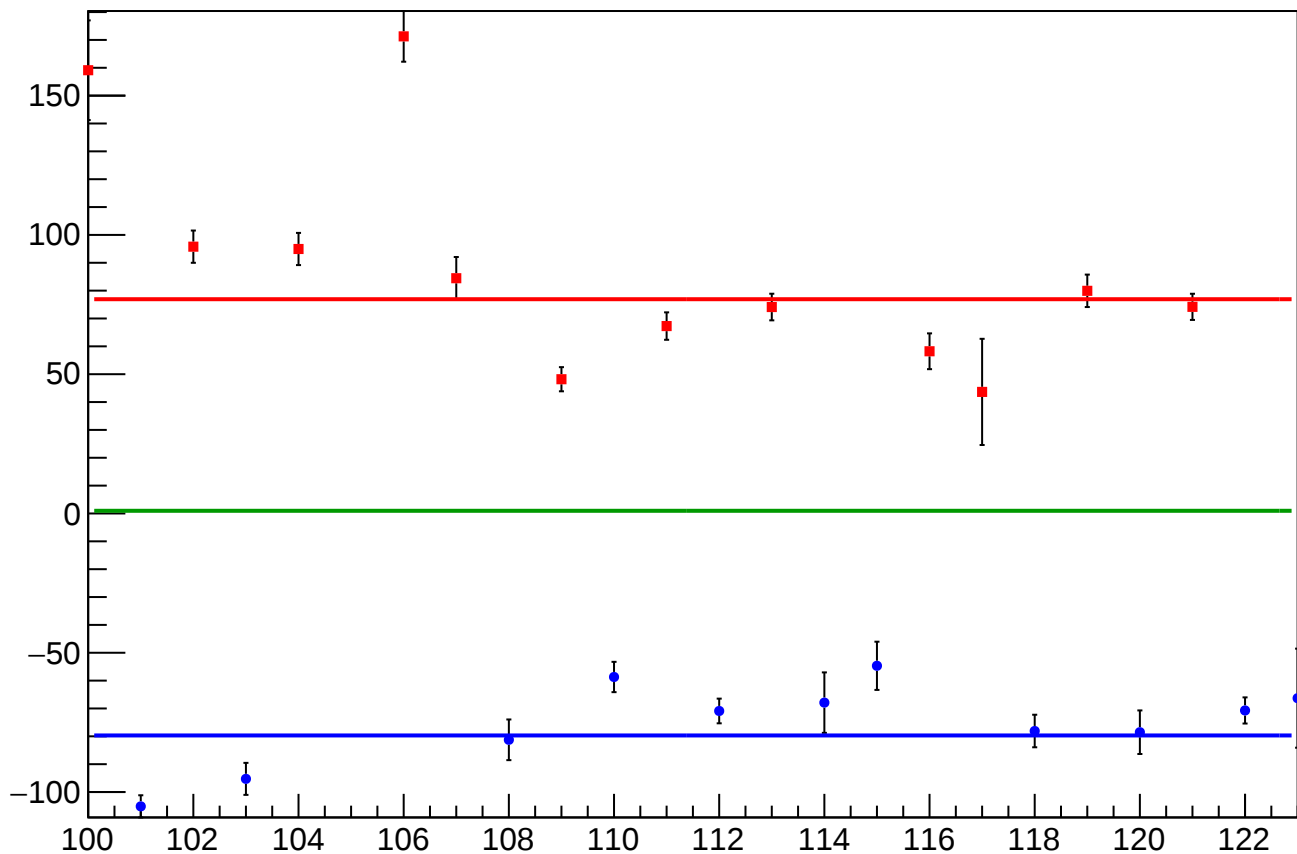
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.650 ± 0.048 χ^2/NDF : 110.5/10

0.099 ± 0.034 χ^2/NDF : 880.0/22

0.818 ± 0.047 χ^2/NDF : 292.7/11

reg_asym_sam_26_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -79.687 ± 1.788 $\chi^2/\text{NDF}: 80.9/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 76.921 ± 1.735 $\chi^2/\text{NDF}: 210.1/11$

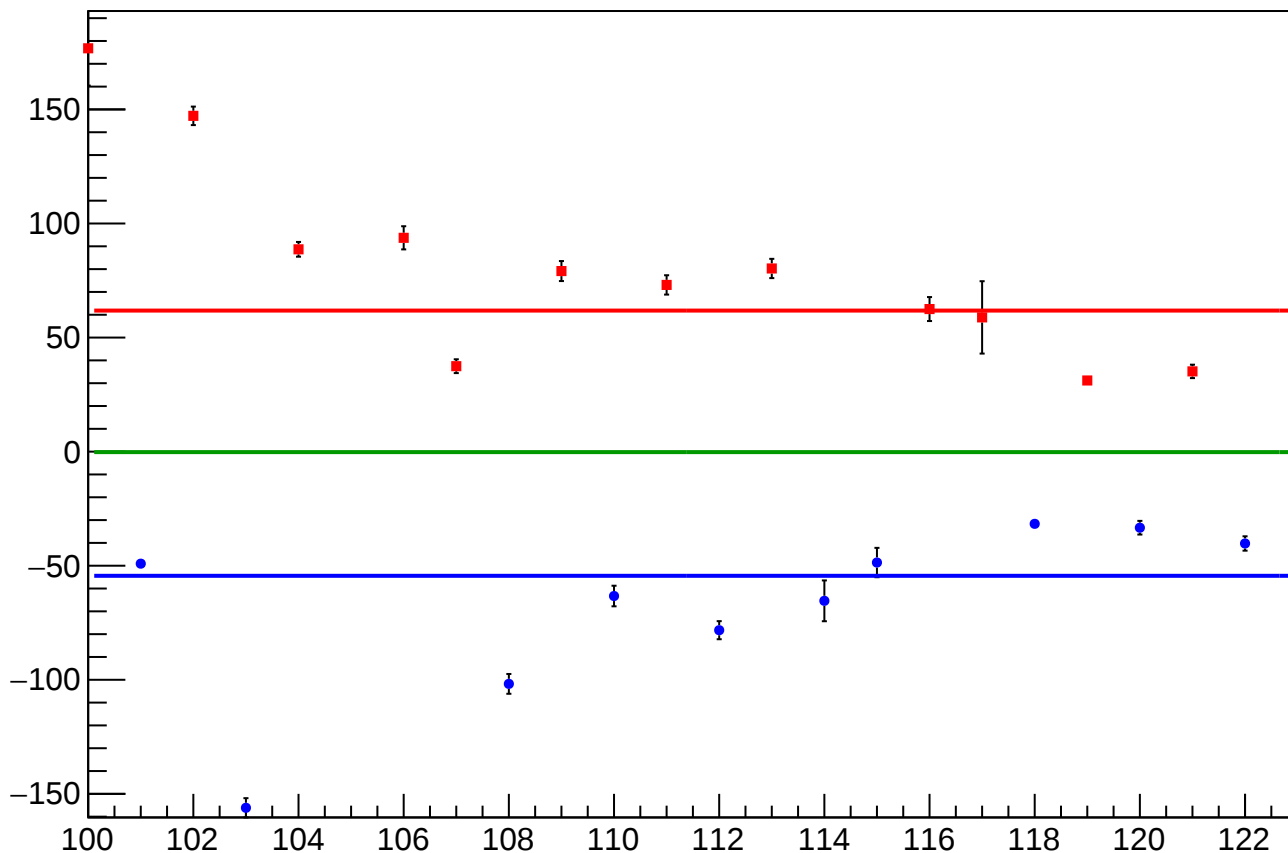
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-79.687 ± 1.788 $\chi^2/\text{NDF}: 80.9/10$

0.963 ± 1.245 $\chi^2/\text{NDF}: 4243.1/22$

76.921 ± 1.735 $\chi^2/\text{NDF}: 210.1/11$

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -54.423 ± 1.025 χ^2/NDF : 930.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 61.830 ± 1.096 χ^2/NDF : 981.6/11

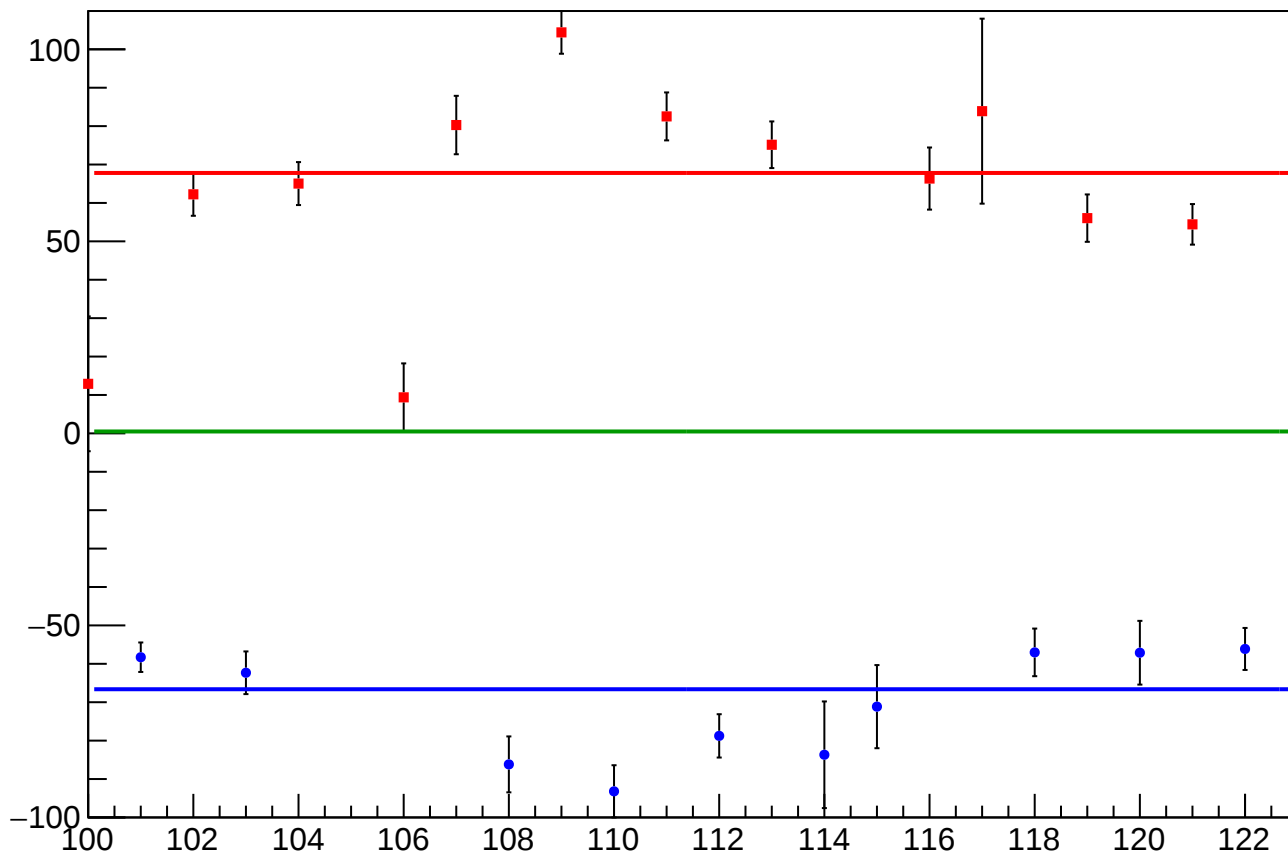
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-54.423 ± 1.025 χ^2/NDF : 930.4/10

-0.206 ± 0.749 χ^2/NDF : 7913.5/22

61.830 ± 1.096 χ^2/NDF : 981.6/11

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -66.621 ± 1.953 $\chi^2/\text{NDF}: 41.6/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 67.807 ± 1.956 $\chi^2/\text{NDF}: 118.2/11$

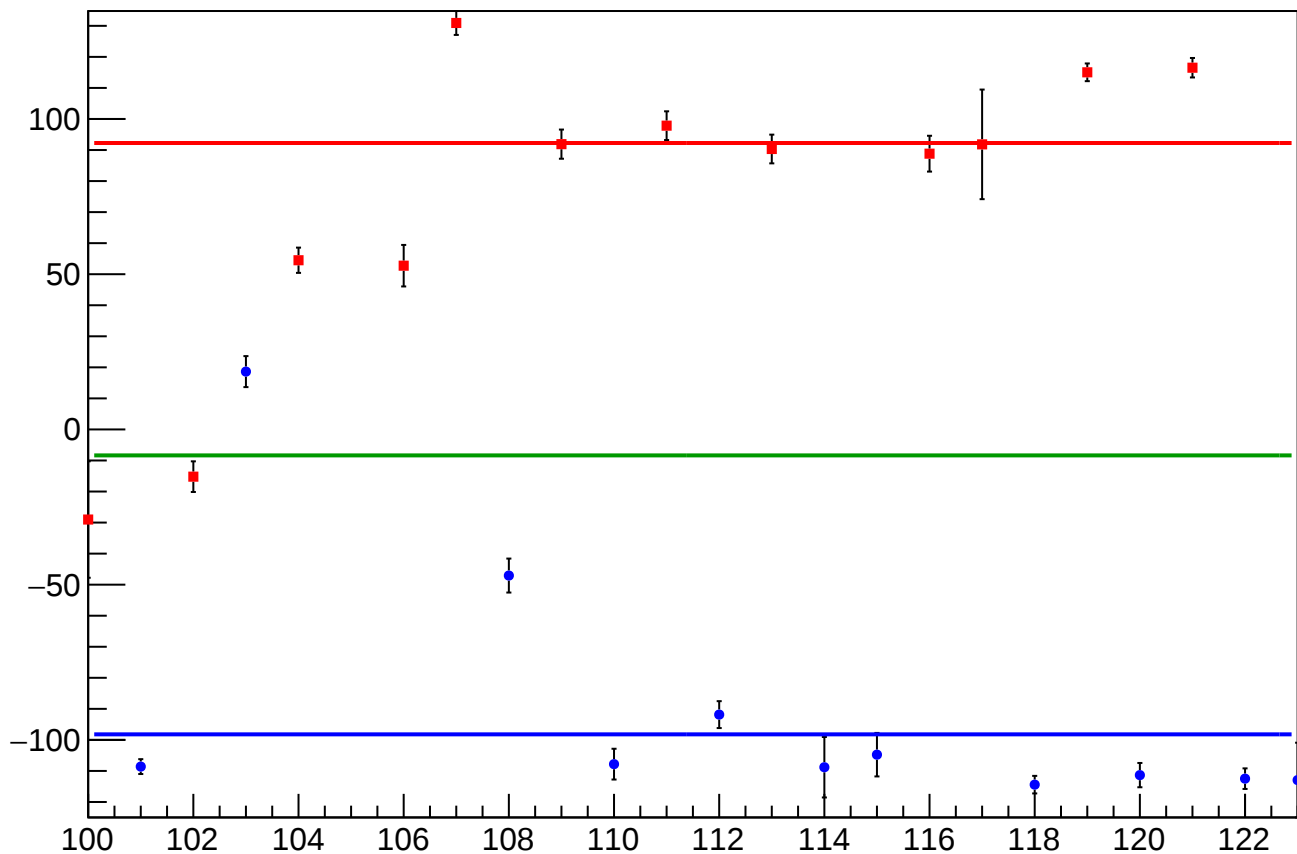
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-66.621 ± 1.953 $\chi^2/\text{NDF}: 41.6/10$

0.494 ± 1.382 $\chi^2/\text{NDF}: 2525.8/22$

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: -98.213+/-1.229 χ^2/NDF : 726.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.261+/-1.301 χ^2/NDF : 863.4/11

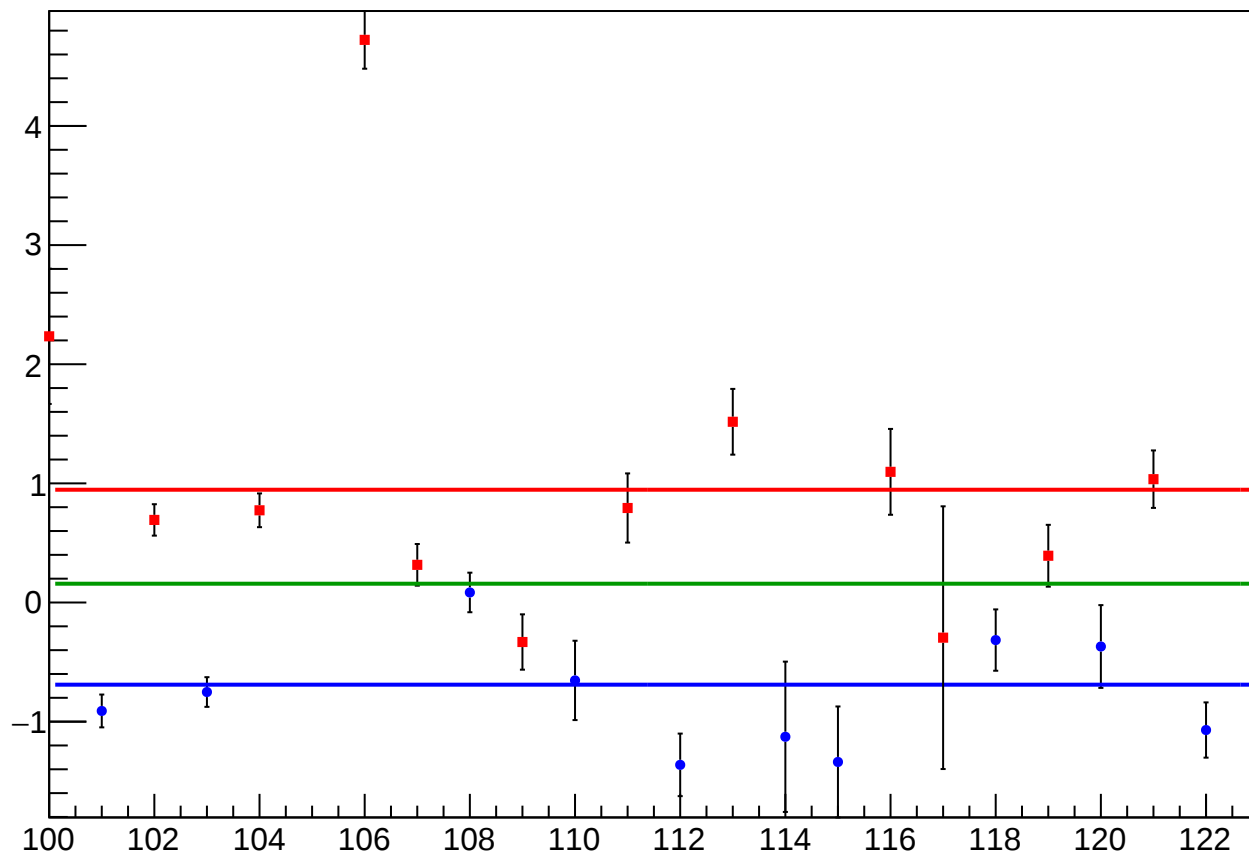
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-98.213+/-1.229 χ^2/NDF : 726.1/10

-8.361+/-0.894 χ^2/NDF : 12912.2/22

92.261+/-1.301 χ^2/NDF : 863.4/11

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.690 ± 0.066 χ^2/NDF : 39.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.947 ± 0.064 χ^2/NDF : 307.4/11

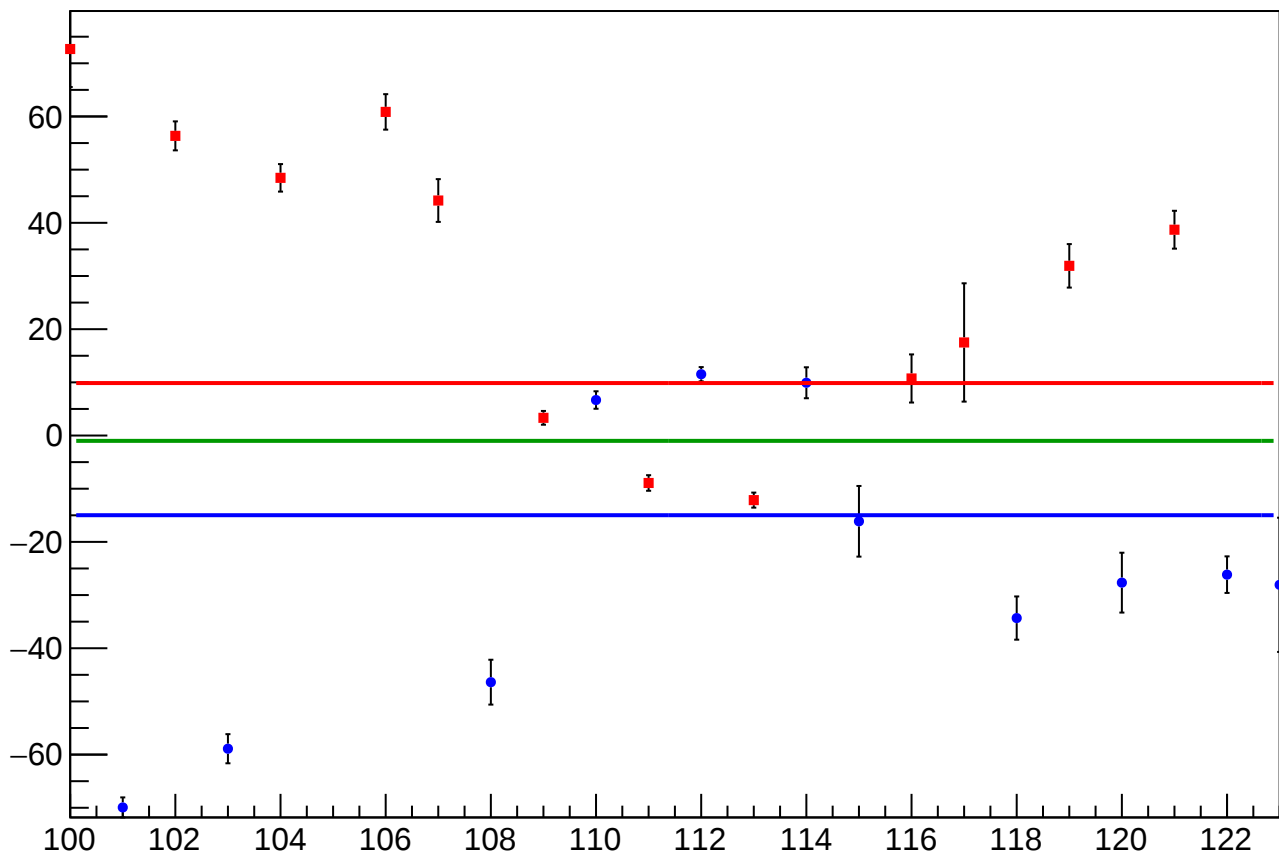
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.690 ± 0.066 χ^2/NDF : 39.2/10

0.158 ± 0.046 χ^2/NDF : 662.0/22

0.947 ± 0.064 χ^2/NDF : 307.4/11

reg_asym_sam_48_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -14.982 ± 0.762 $\chi^2/\text{NDF}: 1839.0/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 9.868 ± 0.672 $\chi^2/\text{NDF}: 1424.5/11$

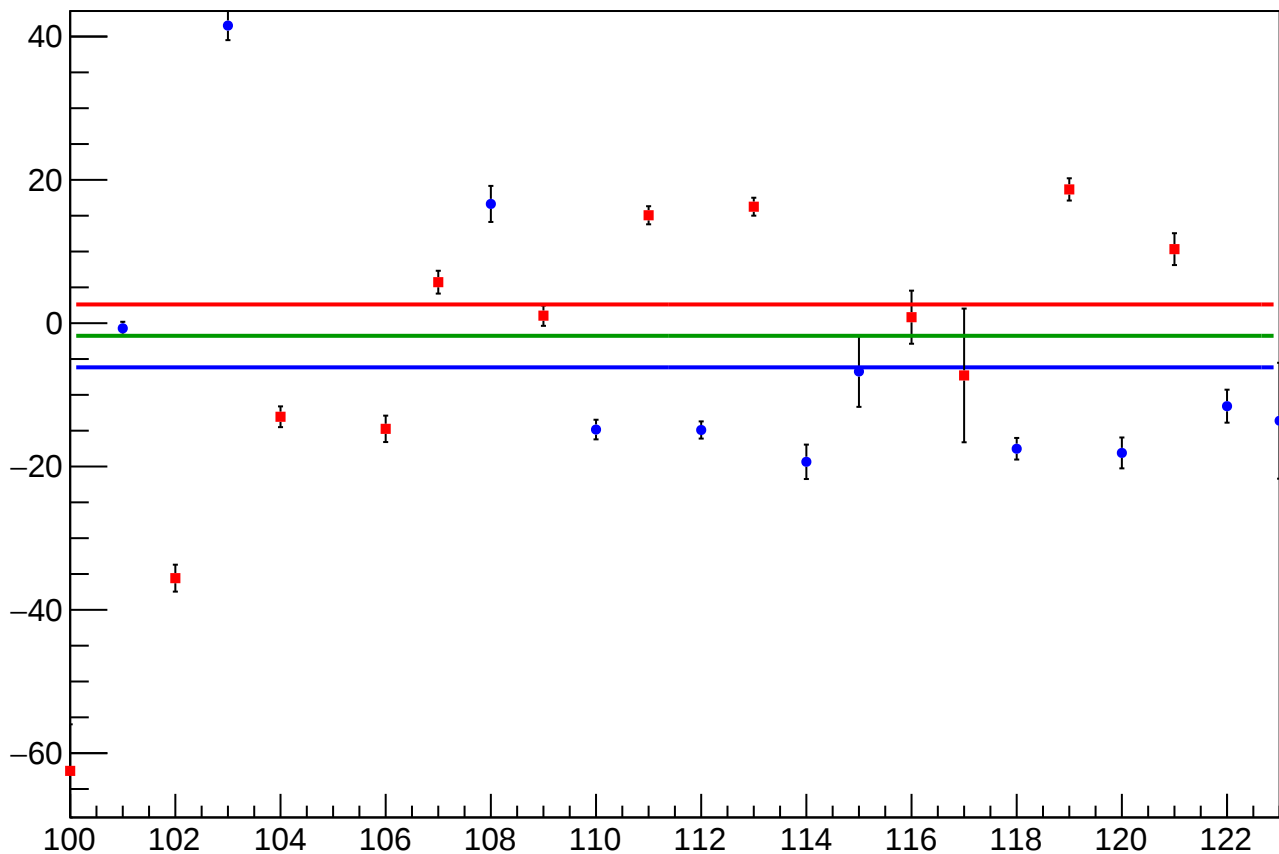
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-14.982 ± 0.762 $\chi^2/\text{NDF}: 1839.0/10$

-1.003 ± 0.504 $\chi^2/\text{NDF}: 3861.3/22$

9.868 ± 0.672 $\chi^2/\text{NDF}: 1424.5/11$

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.161 ± 0.506 χ^2/NDF : 886.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.615 ± 0.504 χ^2/NDF : 1060.3/11

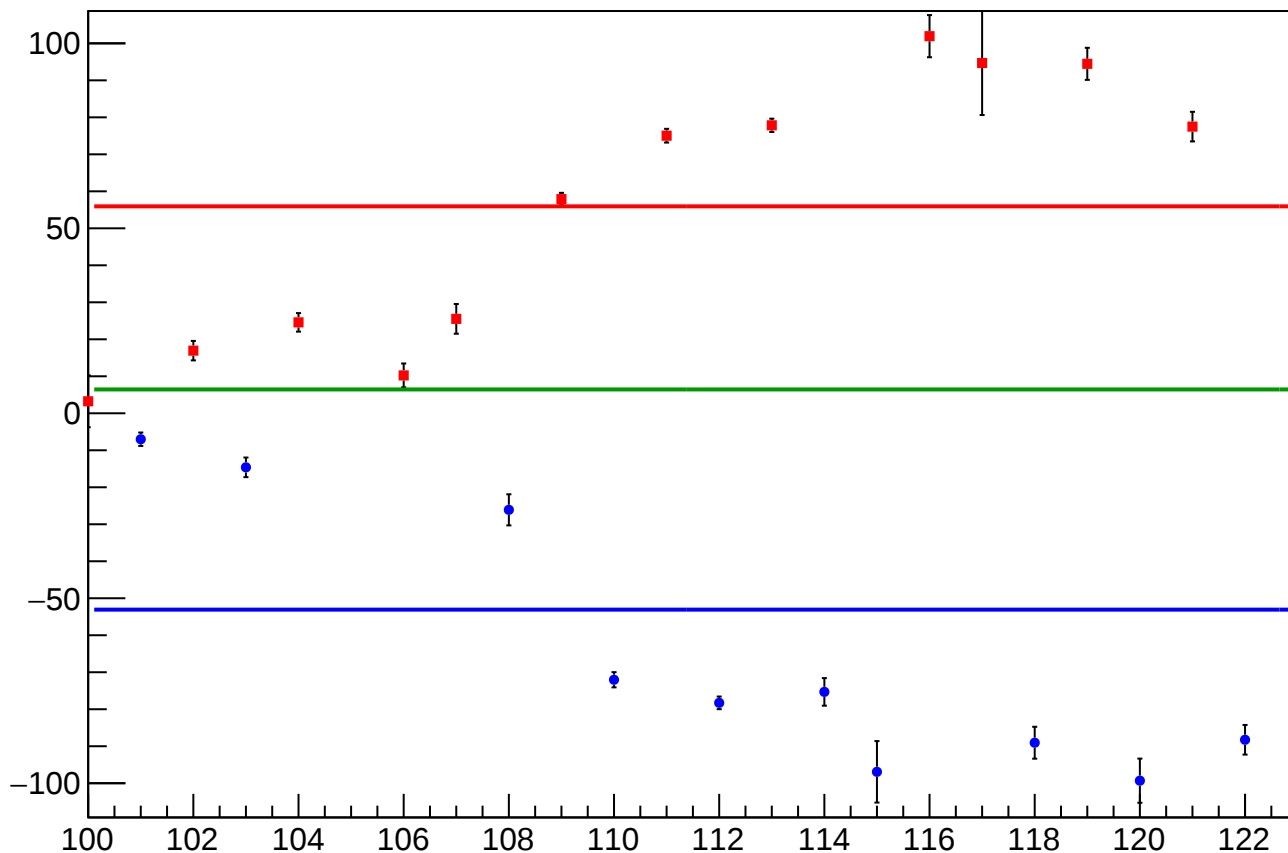
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-6.161 ± 0.506 χ^2/NDF : 886.4/10

-1.760 ± 0.357 χ^2/NDF : 2097.8/22

2.615 ± 0.504 χ^2/NDF : 1060.3/11

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -53.077 ± 0.872 $\chi^2/\text{NDF}: 1475.5/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 55.937 ± 0.795 $\chi^2/\text{NDF}: 1128.0/11$

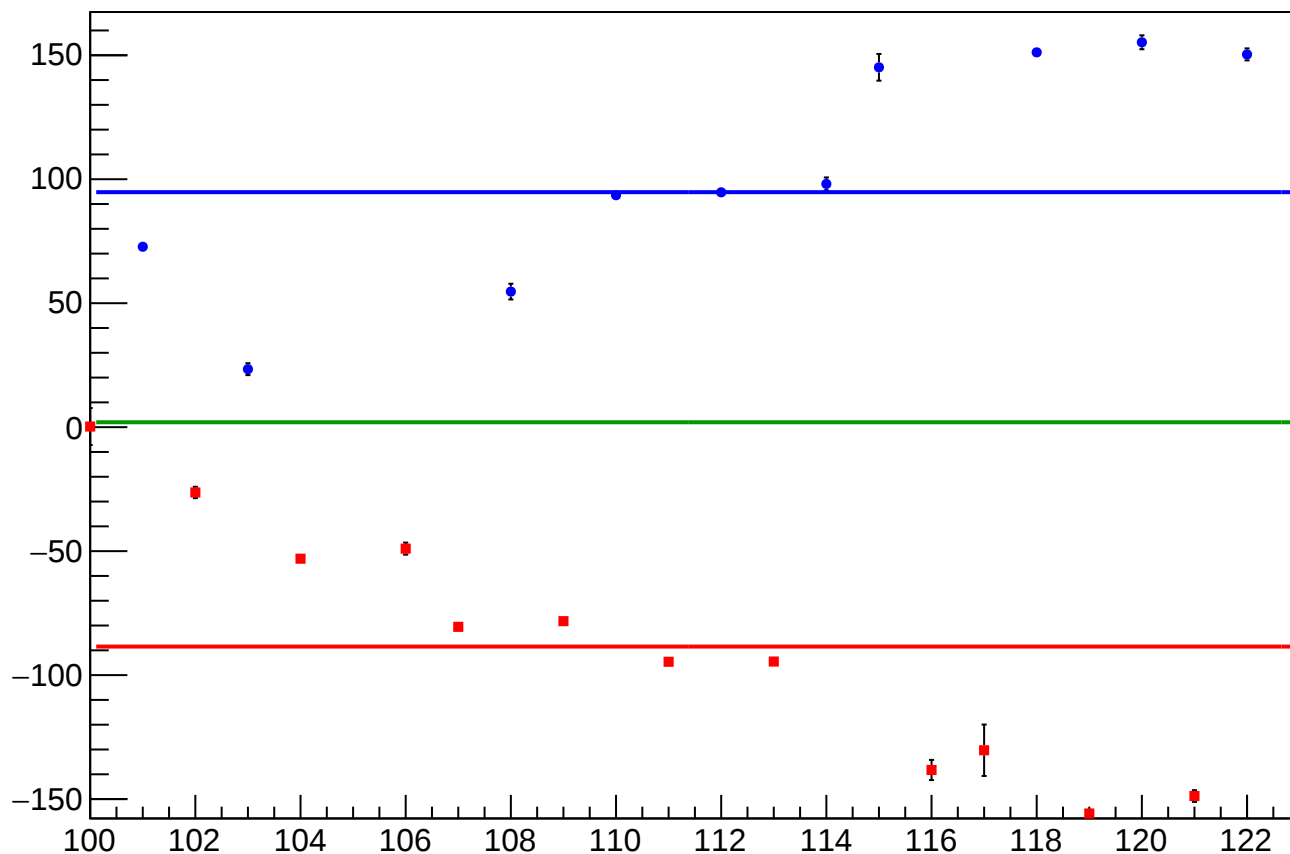
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-53.077 ± 0.872 $\chi^2/\text{NDF}: 1475.5/10$

6.445 ± 0.587 $\chi^2/\text{NDF}: 11145.4/22$

55.937 ± 0.795 $\chi^2/\text{NDF}: 1128.0/11$

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 94.783+/-0.591 χ^2/NDF : 3393.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -88.489+/-0.584 χ^2/NDF : 3561.9/11

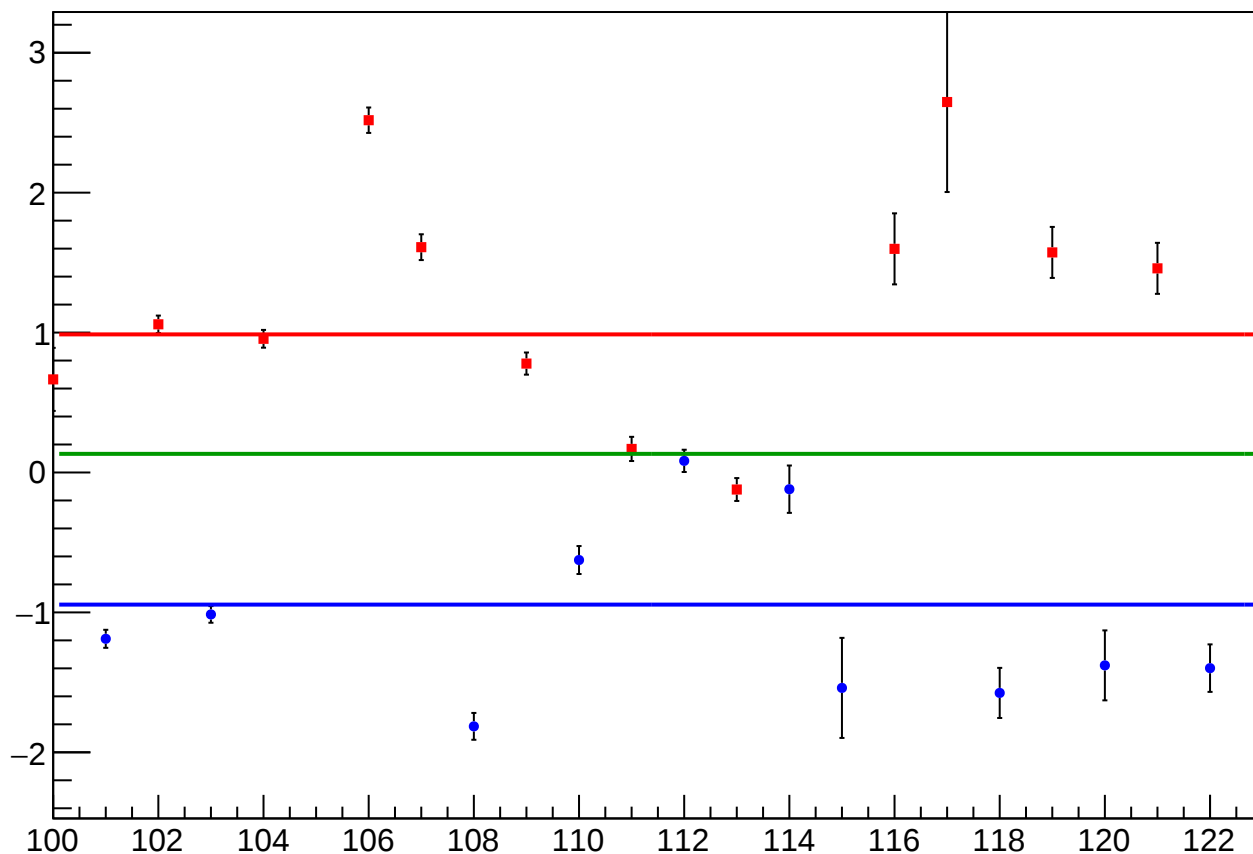
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

94.783+/-0.591 χ^2/NDF : 3393.4/10

1.983+/-0.416 χ^2/NDF : 55569.4/22

-88.489+/-0.584 χ^2/NDF : 3561.9/11

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.944+/-0.031 χ^2/NDF : 326.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.987+/-0.028 χ^2/NDF : 643.5/11

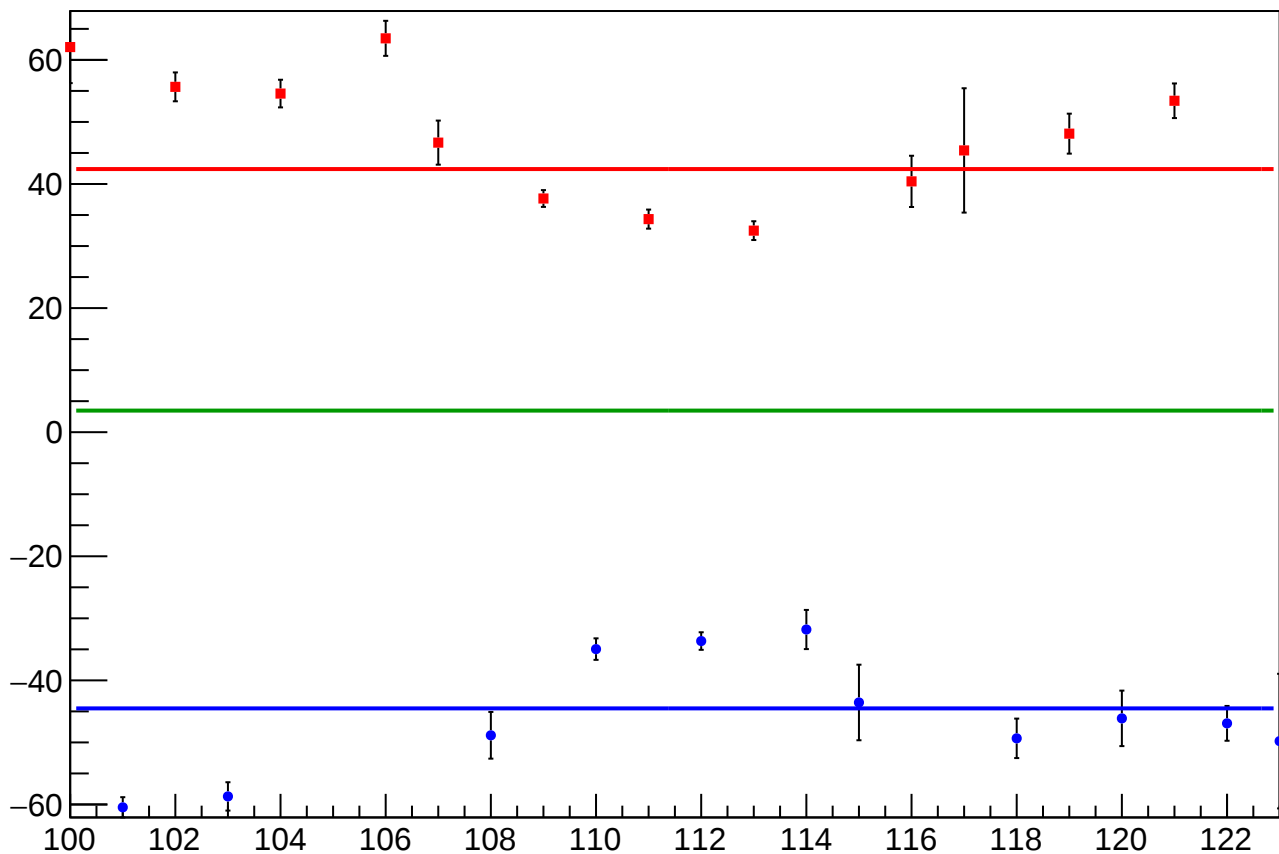
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.944+/-0.031 χ^2/NDF : 326.4/10

0.133+/-0.021 χ^2/NDF : 3089.3/22

0.987+/-0.028 χ^2/NDF : 643.5/11

reg_asym_sam_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -44.516 $\pm$ 0.729 χ^2 /NDF: 244.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 42.407 $\pm$ 0.657 χ^2 /NDF: 232.6/11

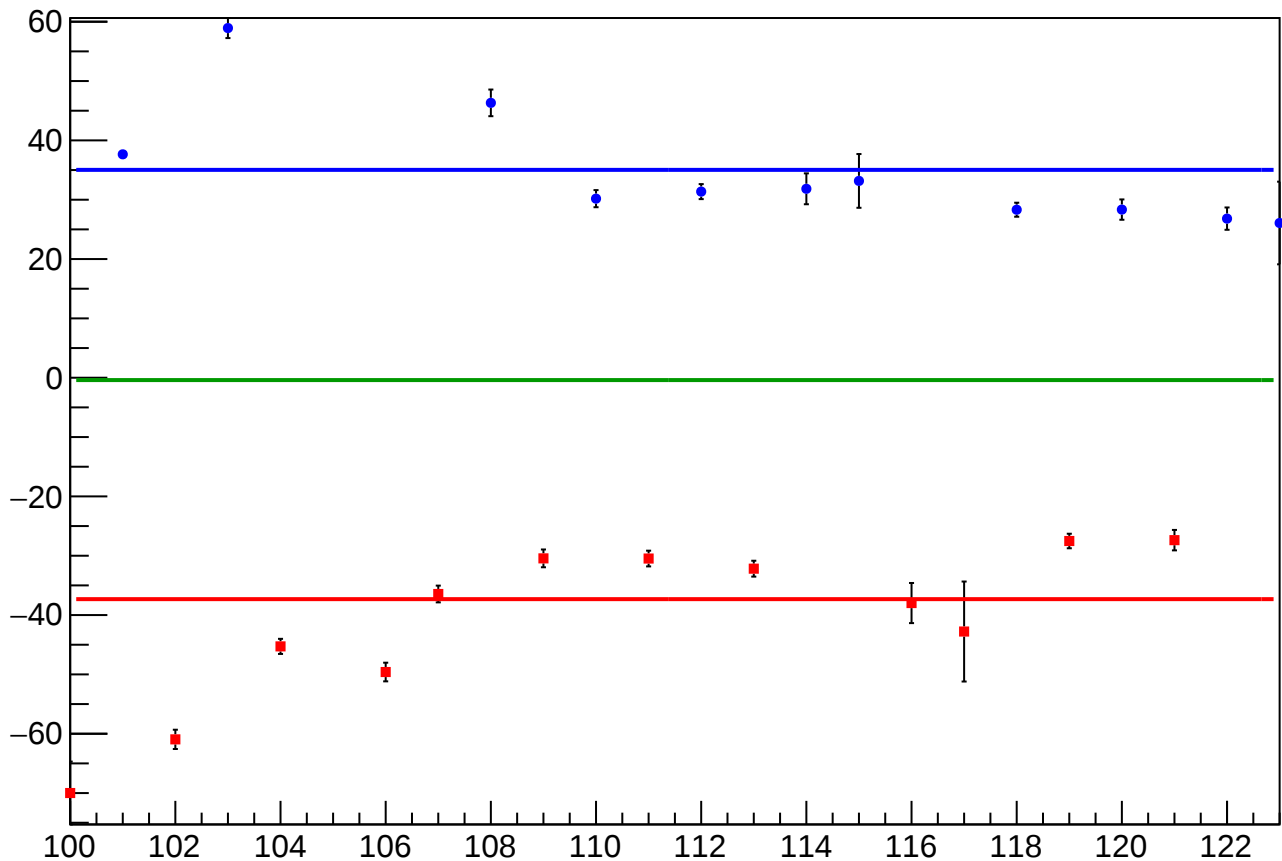
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-44.516 $\pm$ 0.729 χ^2 /NDF: 244.0/10

3.480 $\pm$ 0.488 χ^2 /NDF: 8324.8/22

42.407 $\pm$ 0.657 χ^2 /NDF: 232.6/11

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 35.031+/-0.456 χ^2 /NDF: 326.0/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -37.317+/-0.466 χ^2 /NDF: 510.3/11

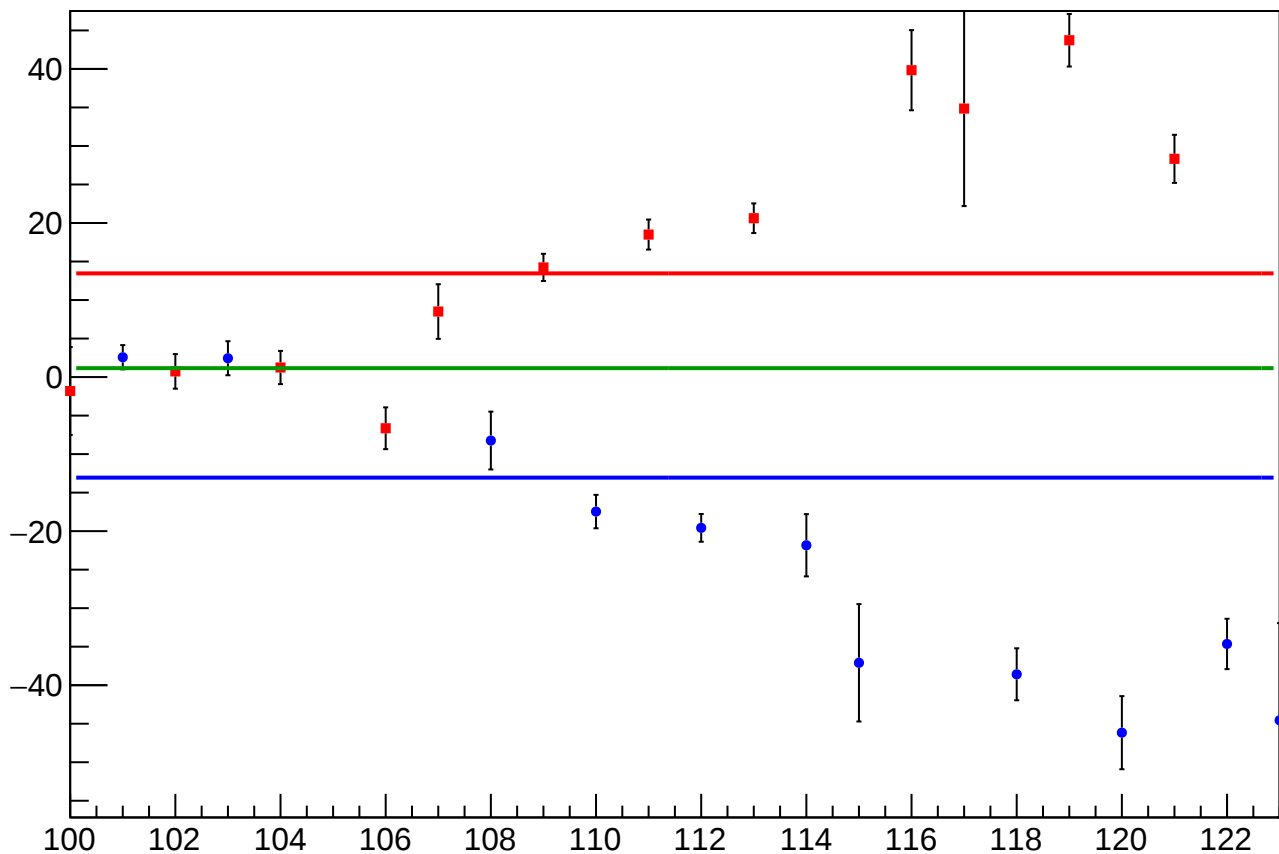
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

35.031+/-0.456 χ^2 /NDF: 326.0/10

-0.397+/-0.326 χ^2 /NDF: 13162.6/22

-37.317+/-0.466 χ^2 /NDF: 510.3/11

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -13.054 $\pm$ 0.814 χ^2 /NDF: 337.1/10

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

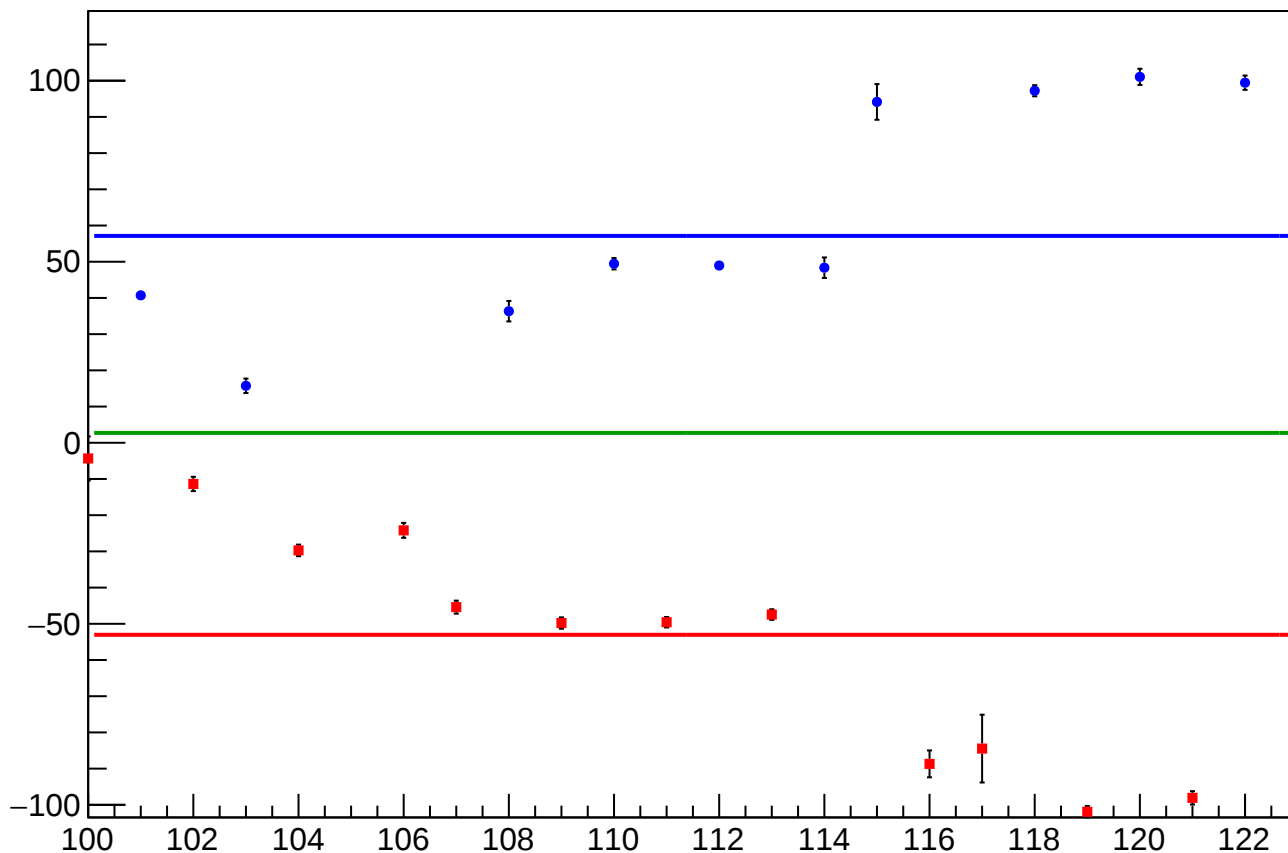
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-13.054 $\pm$ 0.814 χ^2 /NDF: 337.1/10

1.158 $\pm$ 0.554 χ^2 /NDF: 1185.2/22

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: 57.134+/-0.540 χ^2 /NDF: 2474.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -53.040+/-0.546 χ^2 /NDF: 2617.2/11

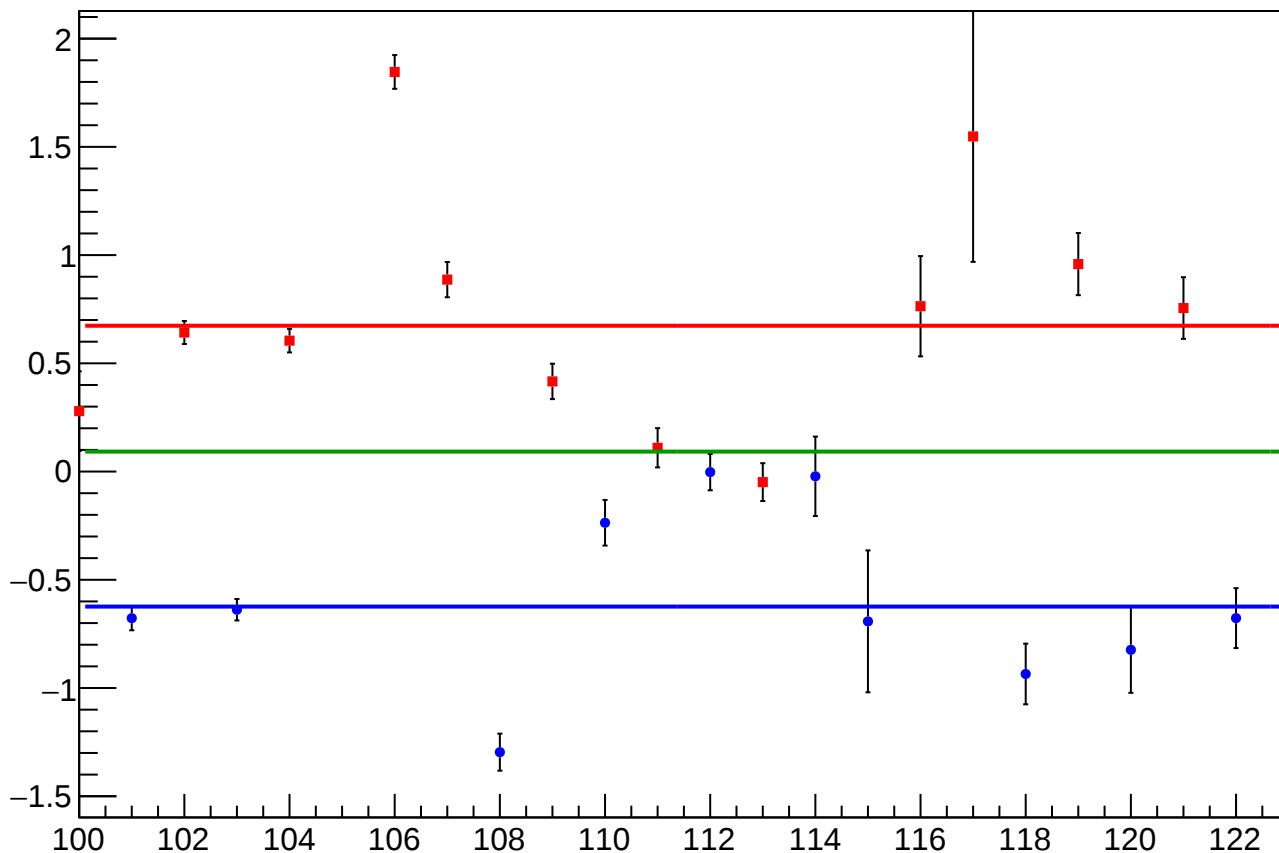
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

57.134+/-0.540 χ^2 /NDF: 2474.8/10

2.729+/-0.384 χ^2 /NDF: 25673.3/22

-53.040+/-0.546 χ^2 /NDF: 2617.2/11

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.624 ± 0.028 χ^2/NDF : 148.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.674 ± 0.025 χ^2/NDF : 363.3/11

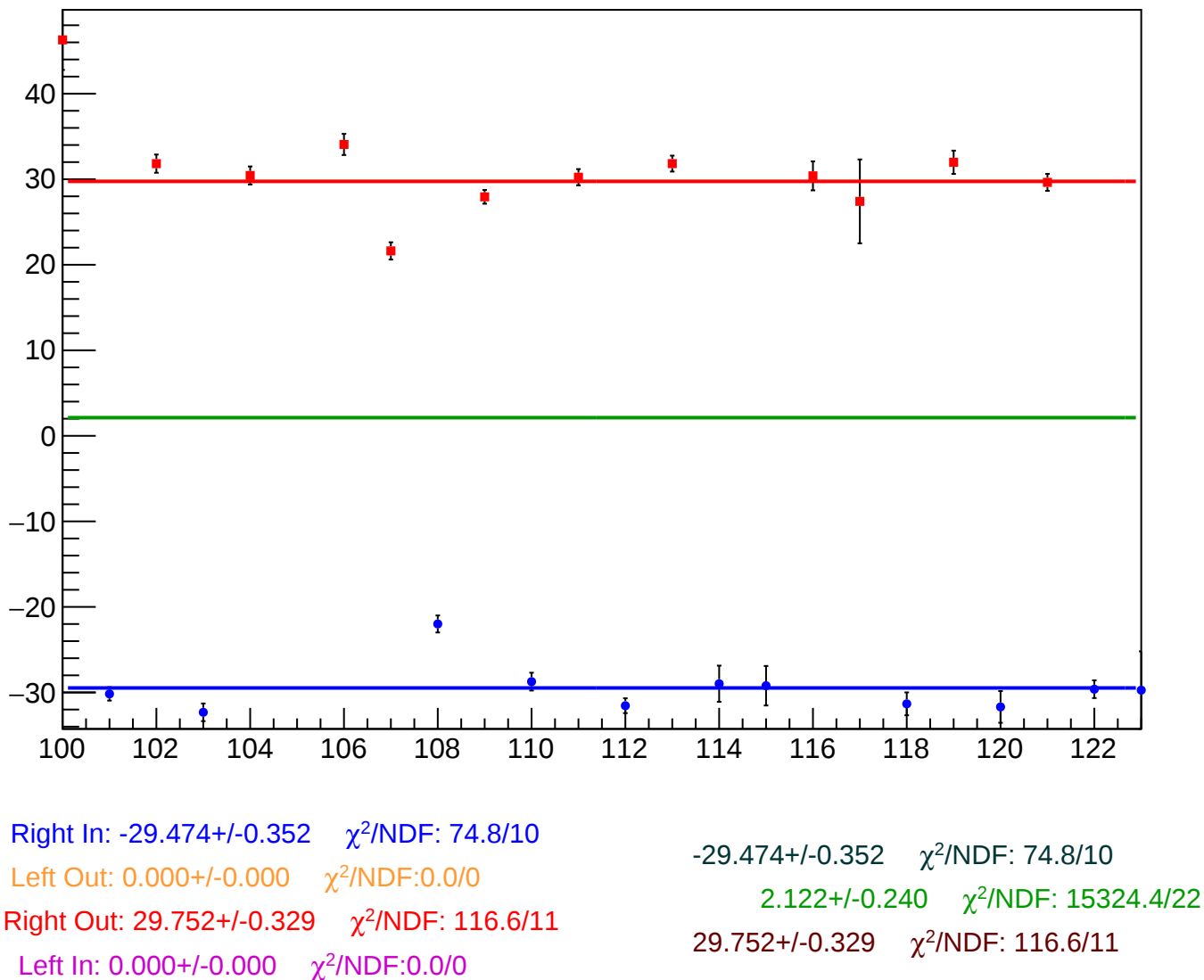
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.624 ± 0.028 χ^2/NDF : 148.6/10

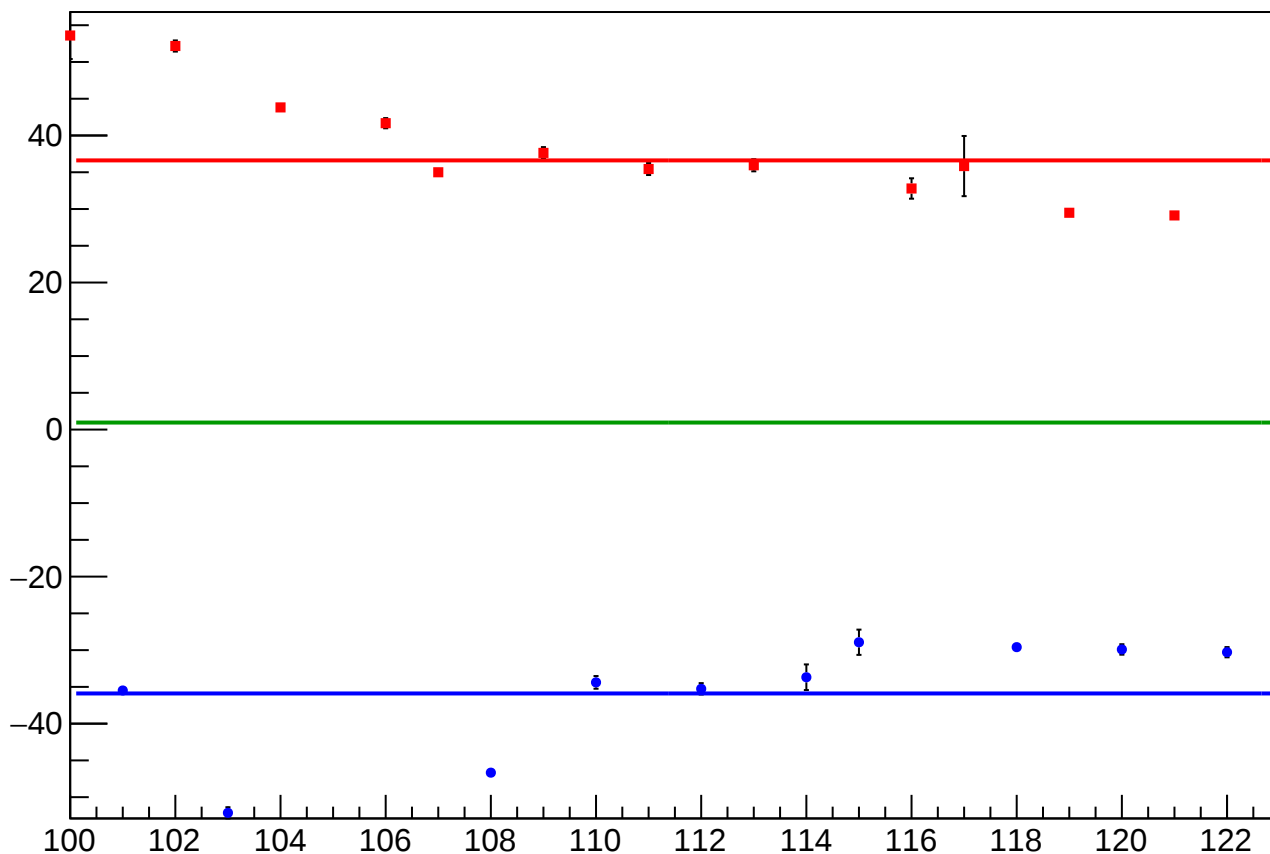
0.092 ± 0.019 χ^2/NDF : 1688.5/22

0.674 ± 0.025 χ^2/NDF : 363.3/11

reg_asym_sam_13_57_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -35.894 ± 0.207 χ^2/NDF : 1103.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 36.612 ± 0.204 χ^2/NDF : 1011.1/11

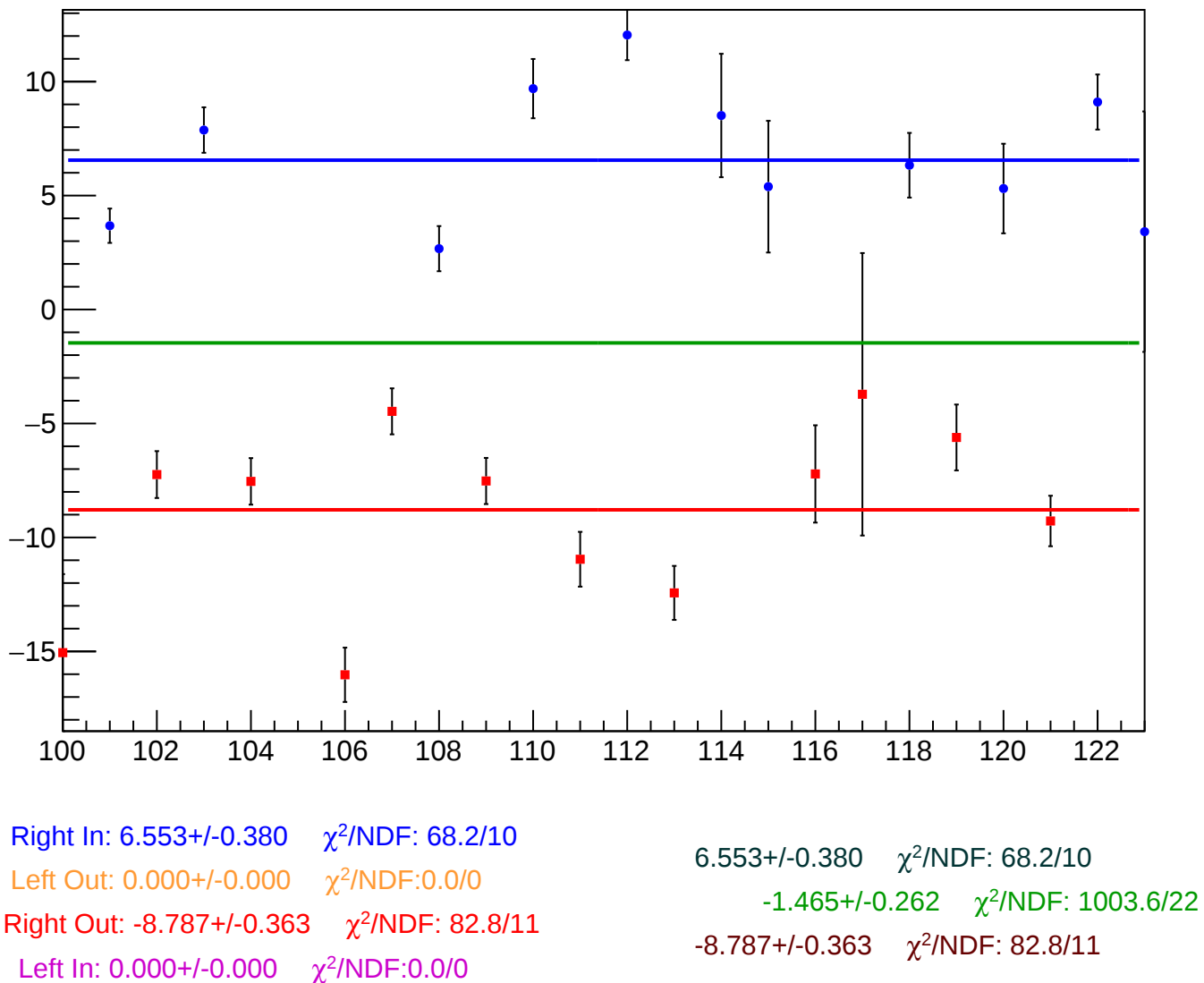
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-35.894 ± 0.207 χ^2/NDF : 1103.9/10

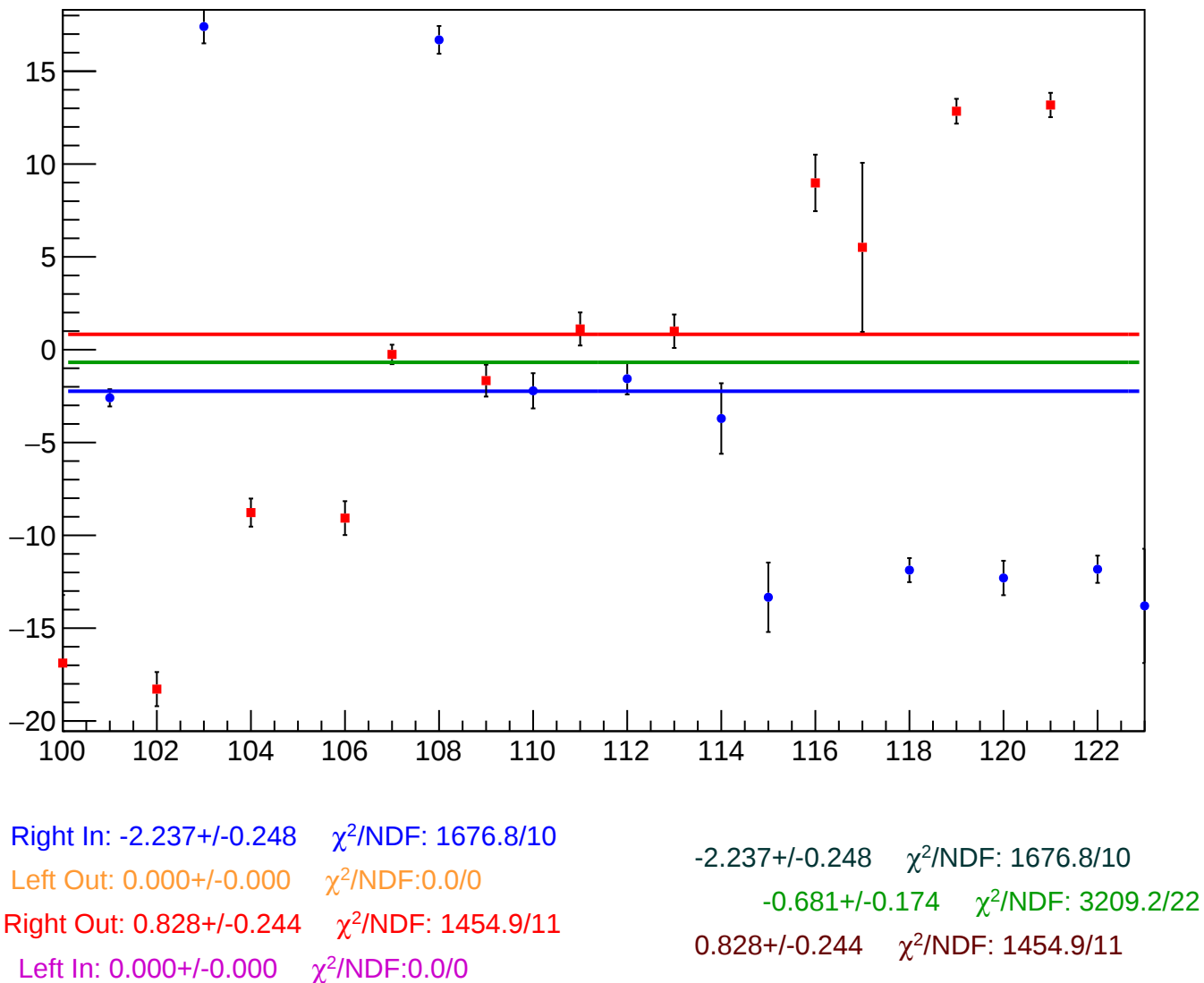
0.955 ± 0.145 χ^2/NDF : 64486.7/22

36.612 ± 0.204 χ^2/NDF : 1011.1/11

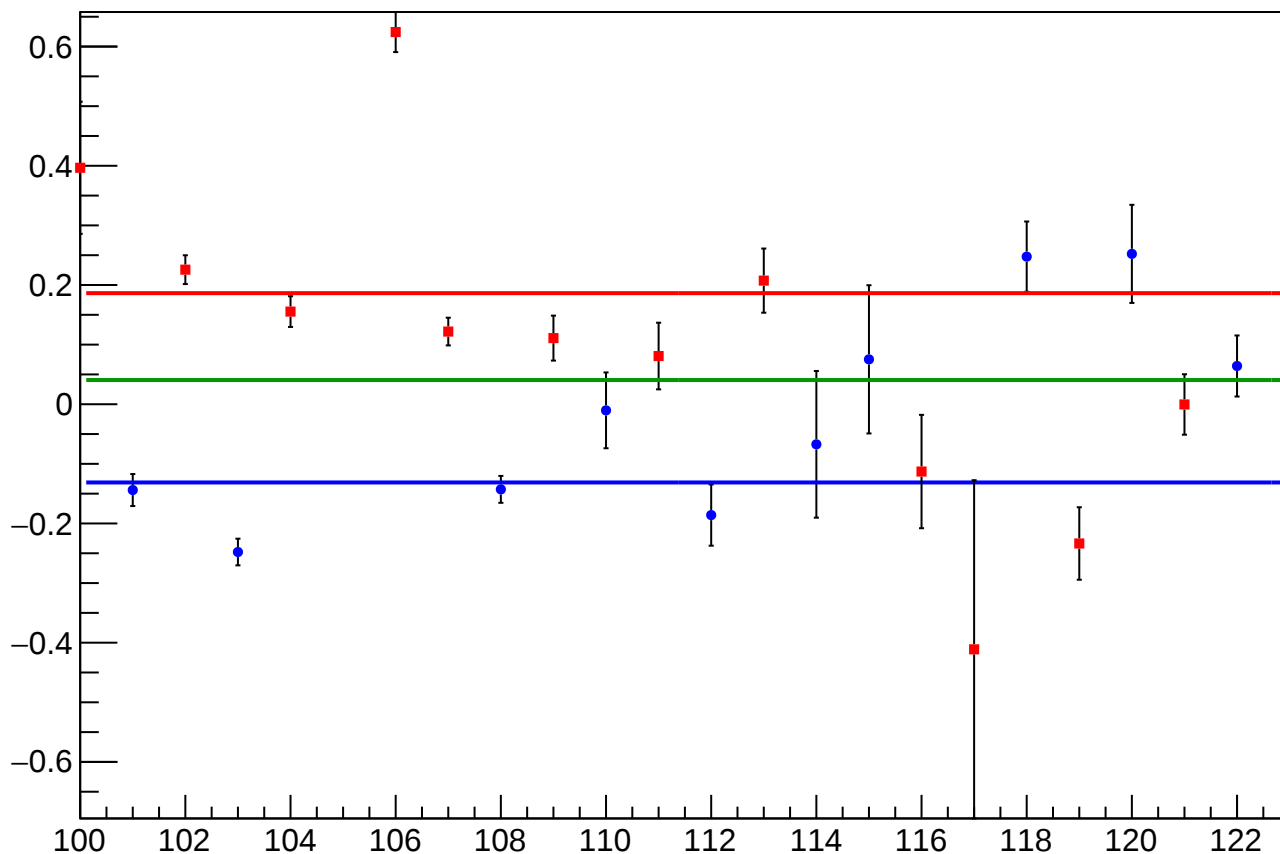
reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.131 ± 0.012 χ^2/NDF : 115.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.186 ± 0.011 χ^2/NDF : 268.5/11

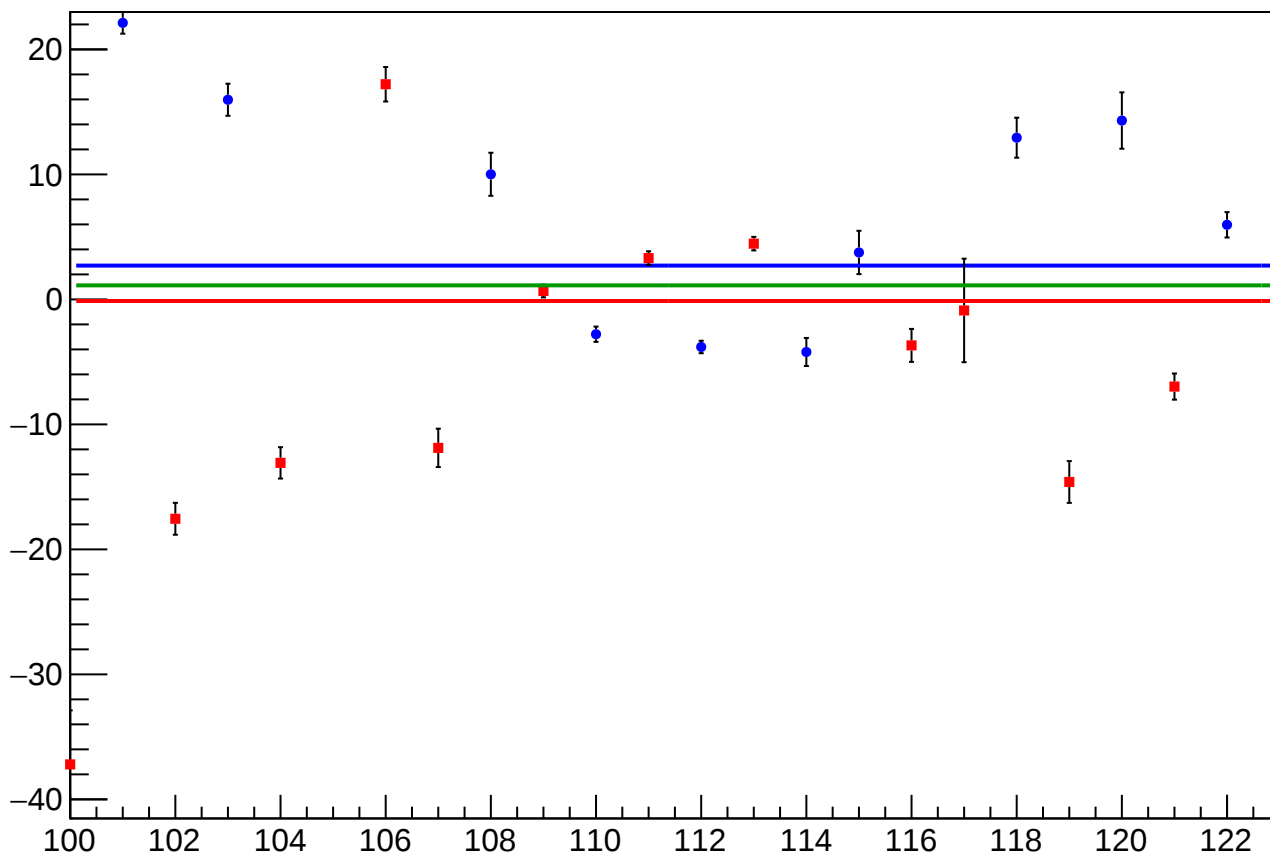
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.131 ± 0.012 χ^2/NDF : 115.3/10

0.041 ± 0.008 χ^2/NDF : 763.1/22

0.186 ± 0.011 χ^2/NDF : 268.5/11

reg_asym_sam_15_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 2.706+/-0.292 χ^2/NDF : 995.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.128+/-0.260 χ^2/NDF : 822.1/11

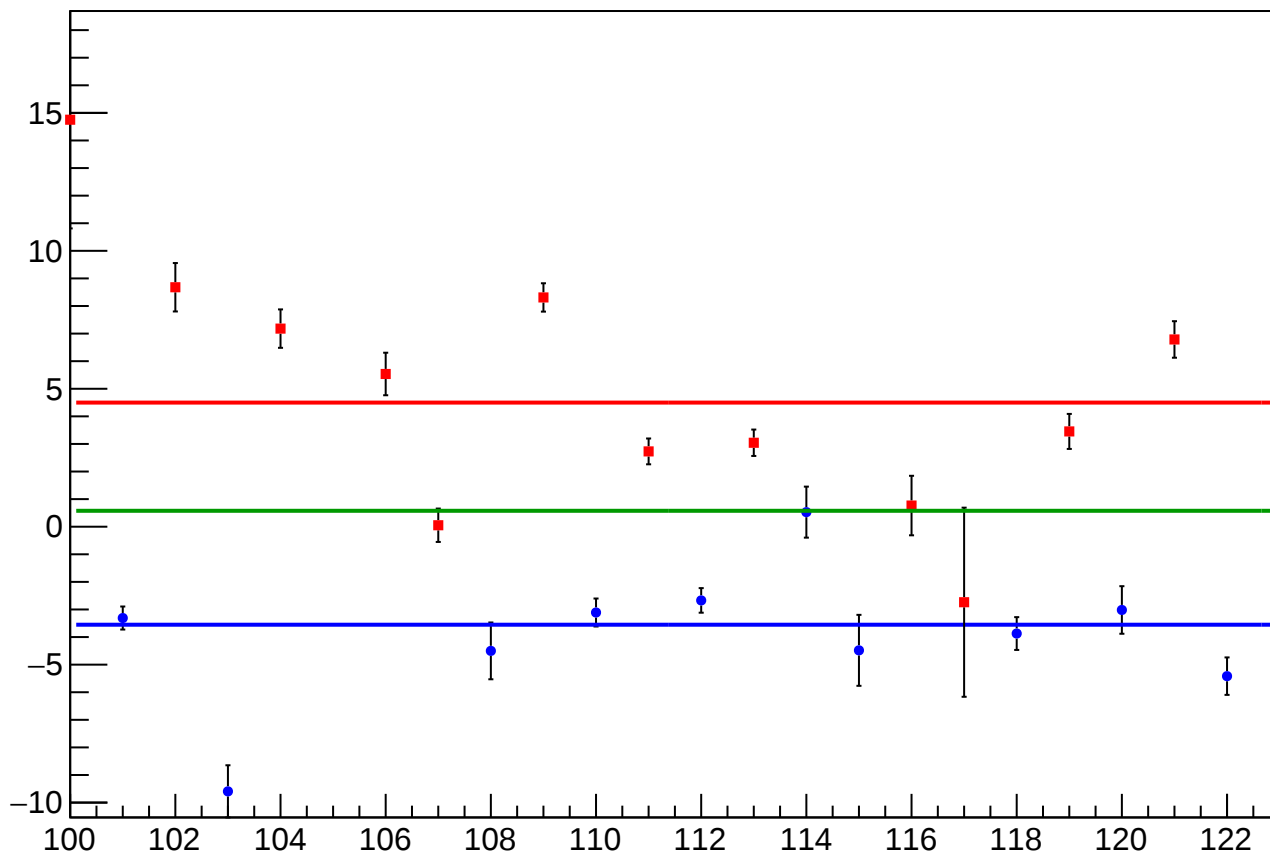
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.706+/-0.292 χ^2/NDF : 995.9/10

1.124+/-0.194 χ^2/NDF : 1870.5/22

-0.128+/-0.260 χ^2/NDF : 822.1/11

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.553+/-0.200 χ^2/NDF : 75.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.499+/-0.195 χ^2/NDF : 209.7/11

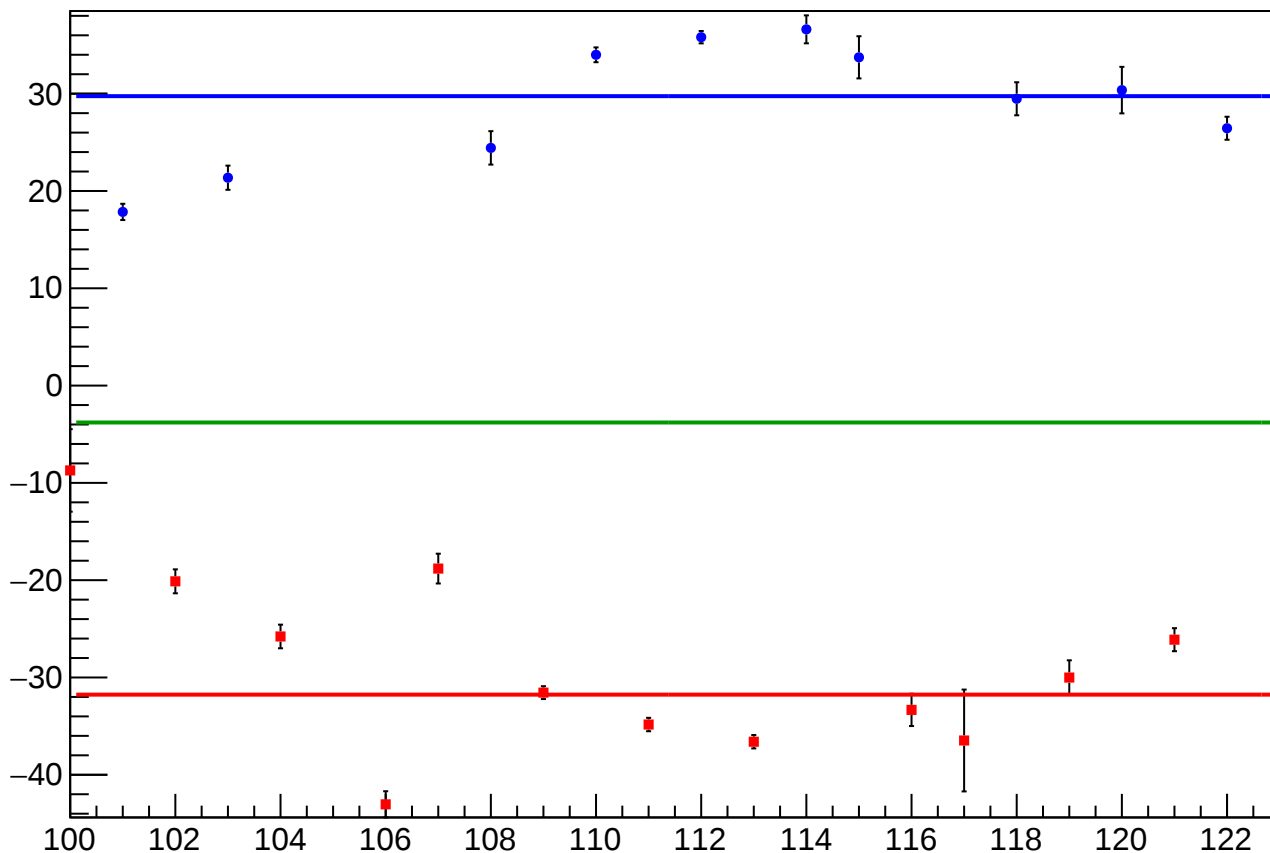
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.553+/-0.200 χ^2/NDF : 75.0/10

0.577+/-0.140 χ^2/NDF : 1114.2/22

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: 29.747 $\pm$ 0.341 χ^2/NDF : 414.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -31.764 $\pm$ 0.312 χ^2/NDF : 379.4/11

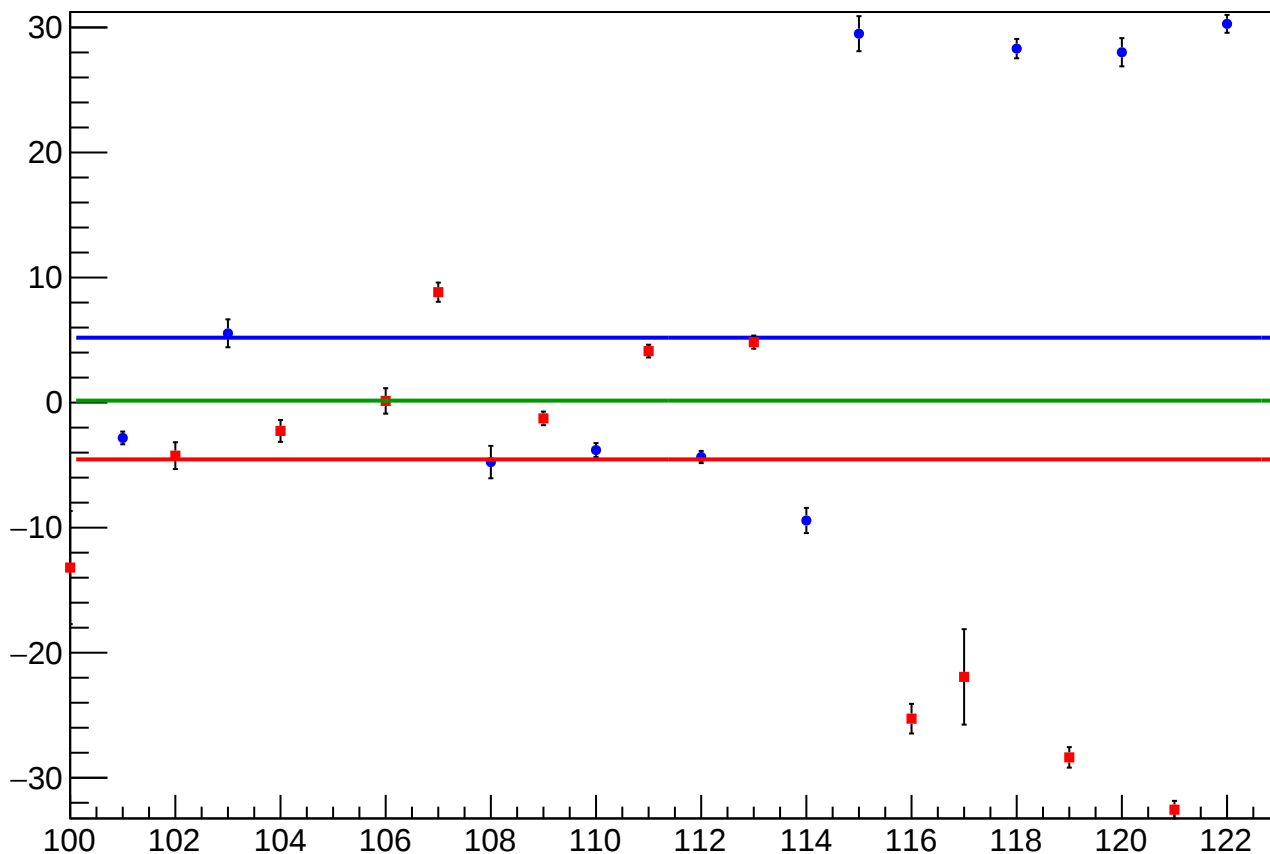
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

29.747 $\pm$ 0.341 χ^2/NDF : 414.7/10

-3.793 $\pm$ 0.230 χ^2/NDF : 18521.1/22

-31.764 $\pm$ 0.312 χ^2/NDF : 379.4/11

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.192 $\pm$ 0.231 χ^2 /NDF: 4040.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4.538 $\pm$ 0.224 χ^2 /NDF: 3735.8/11

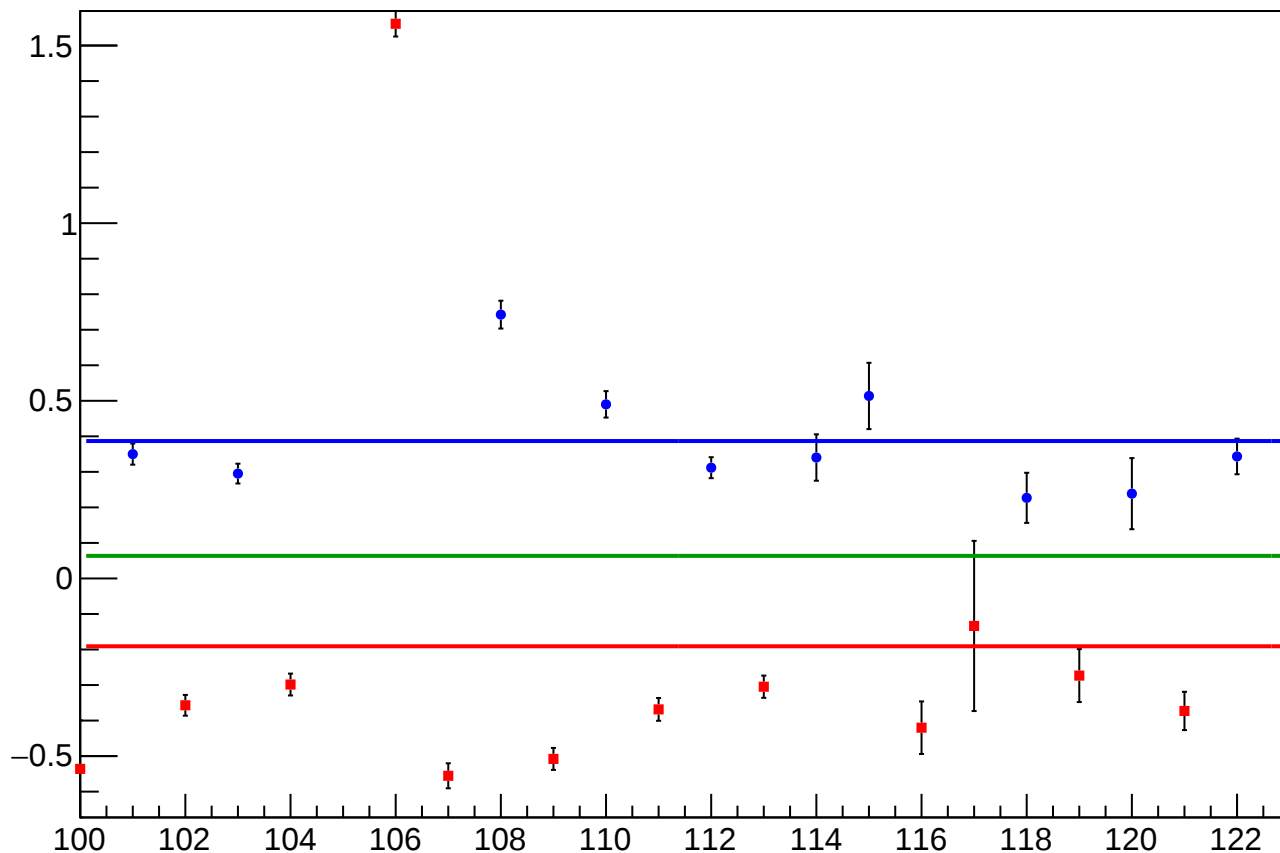
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

5.192 $\pm$ 0.231 χ^2 /NDF: 4040.3/10

0.160 $\pm$ 0.161 χ^2 /NDF: 8690.3/22

-4.538 $\pm$ 0.224 χ^2 /NDF: 3735.8/11

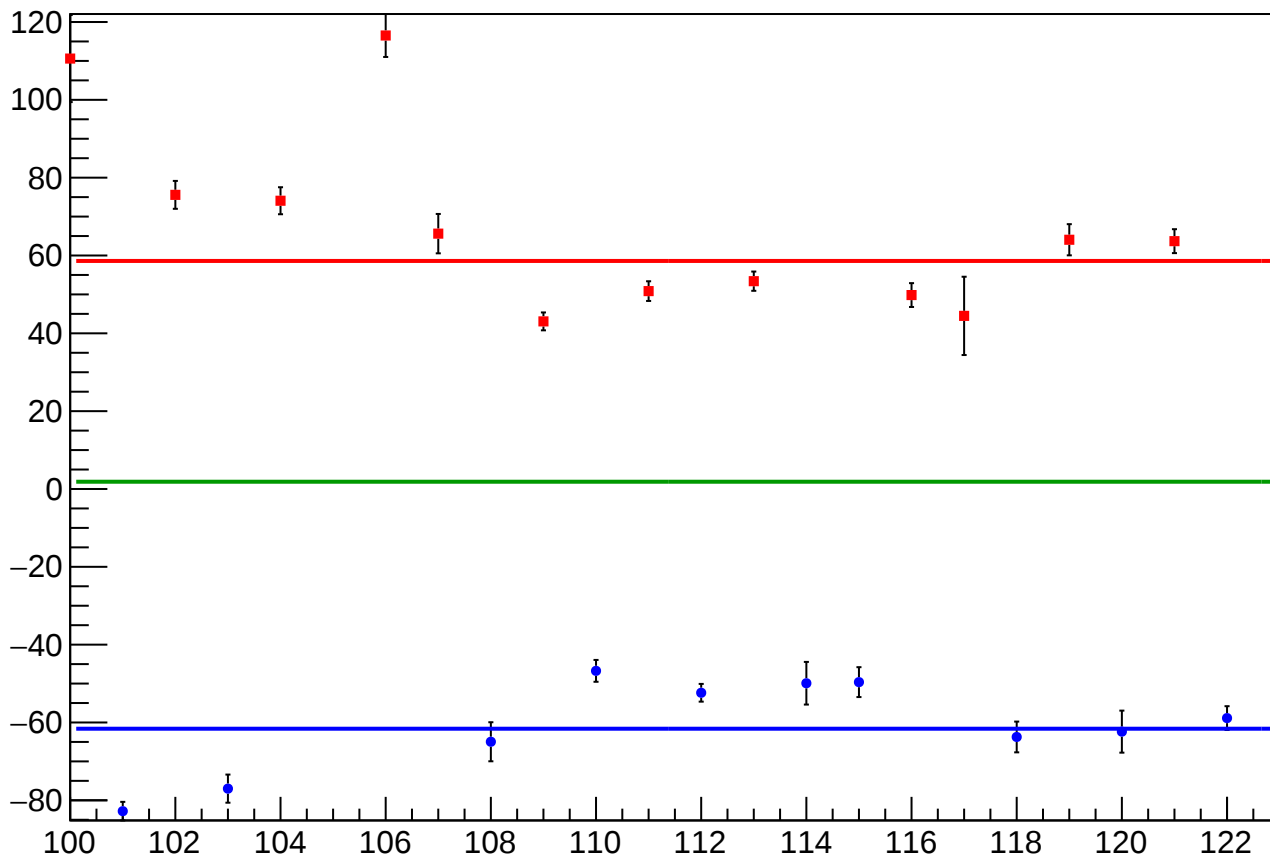
reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.387 ± 0.013 $\chi^2/\text{NDF}: 119.4/10$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -0.191 ± 0.011 $\chi^2/\text{NDF}: 2712.8/11$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

0.387 ± 0.013 $\chi^2/\text{NDF}: 119.4/10$
 0.064 ± 0.009 $\chi^2/\text{NDF}: 3953.5/22$
 -0.191 ± 0.011 $\chi^2/\text{NDF}: 2712.8/11$

reg_asym_sam_24_68_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -61.604+/-1.040 χ^2/NDF : 157.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.599+/-0.983 χ^2/NDF : 250.3/11

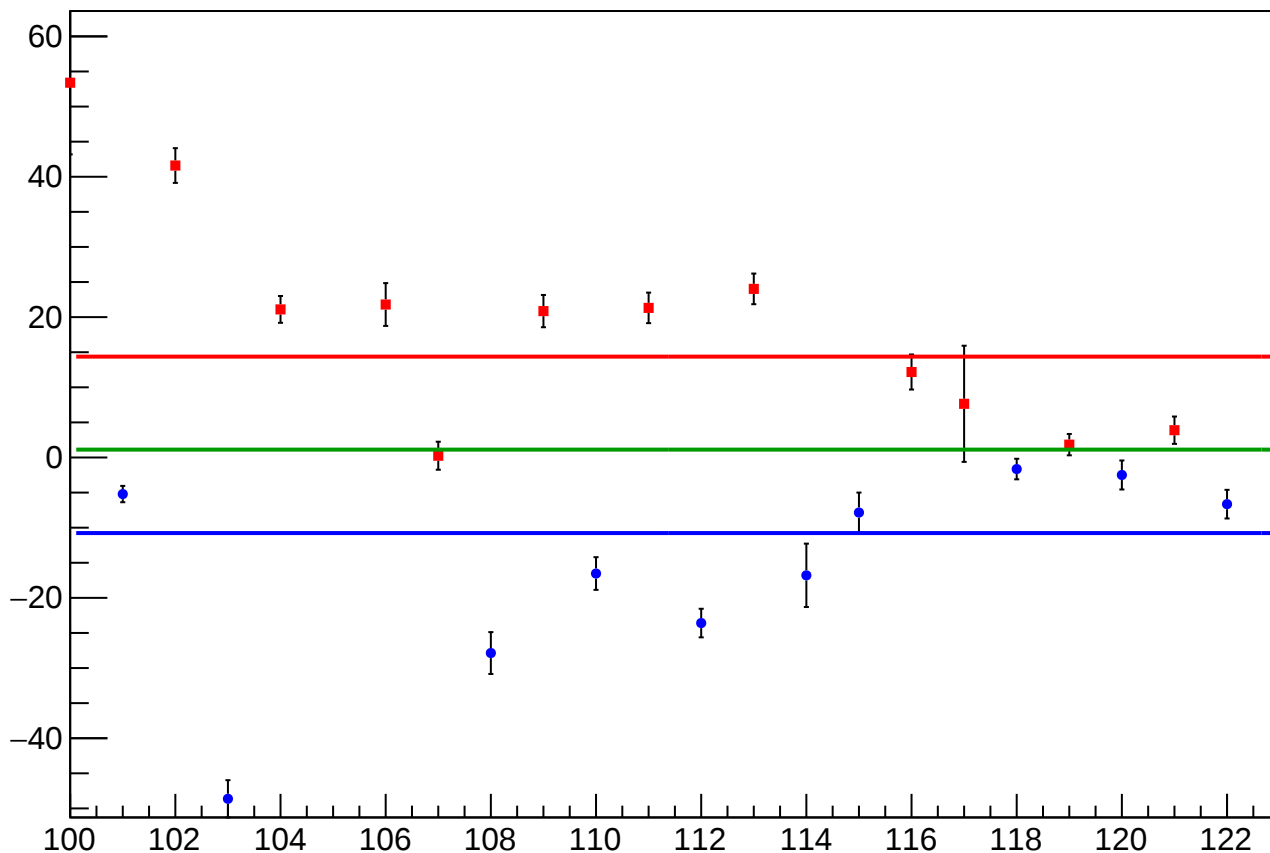
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-61.604+/-1.040 χ^2/NDF : 157.2/10

1.867+/-0.714 χ^2/NDF : 7463.1/22

58.599+/-0.983 χ^2/NDF : 250.3/11

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -10.768 $\pm$ 0.626 χ^2 /NDF: 366.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.372 $\pm$ 0.661 χ^2 /NDF: 340.2/11

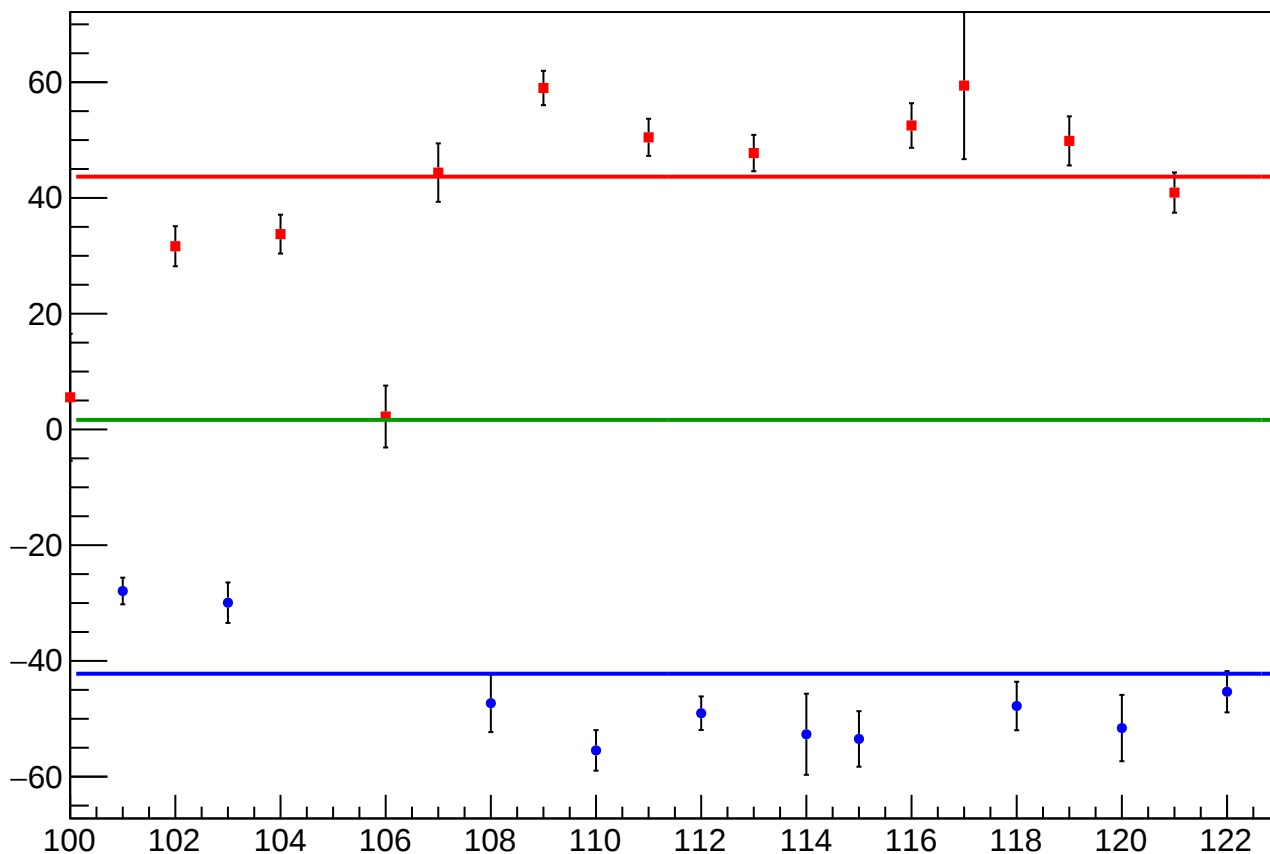
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-10.768 $\pm$ 0.626 χ^2 /NDF: 366.7/10

1.123 $\pm$ 0.455 χ^2 /NDF: 1468.6/22

14.372 $\pm$ 0.661 χ^2 /NDF: 340.2/11

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -42.213 ± 1.158 $\chi^2/\text{NDF}: 85.4/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 43.679 ± 1.133 $\chi^2/\text{NDF}: 135.4/11$

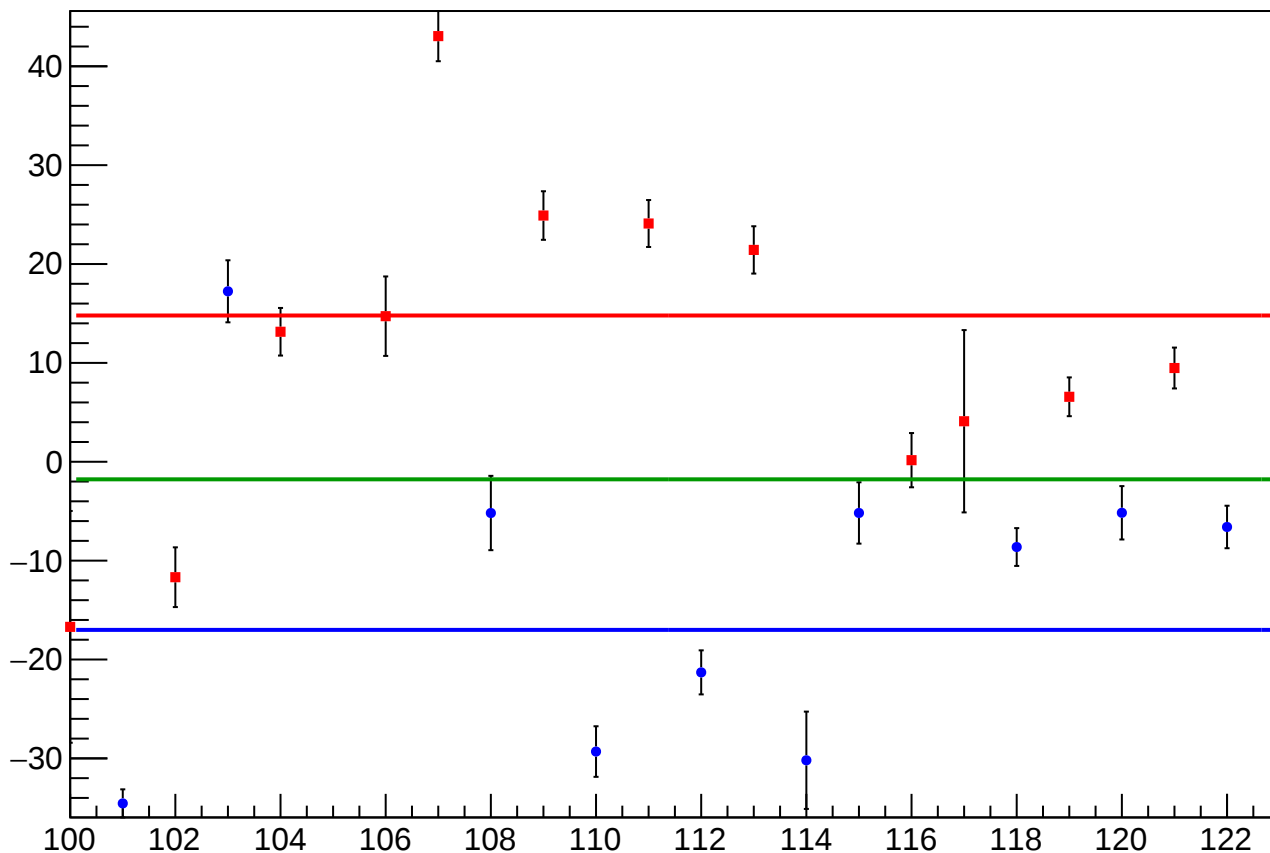
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-42.213 ± 1.158 $\chi^2/\text{NDF}: 85.4/10$

1.651 ± 0.810 $\chi^2/\text{NDF}: 3031.5/22$

43.679 ± 1.133 $\chi^2/\text{NDF}: 135.4/11$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -17.004 ± 0.743 χ^2/NDF : 396.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 14.794 ± 0.776 χ^2/NDF : 302.3/11

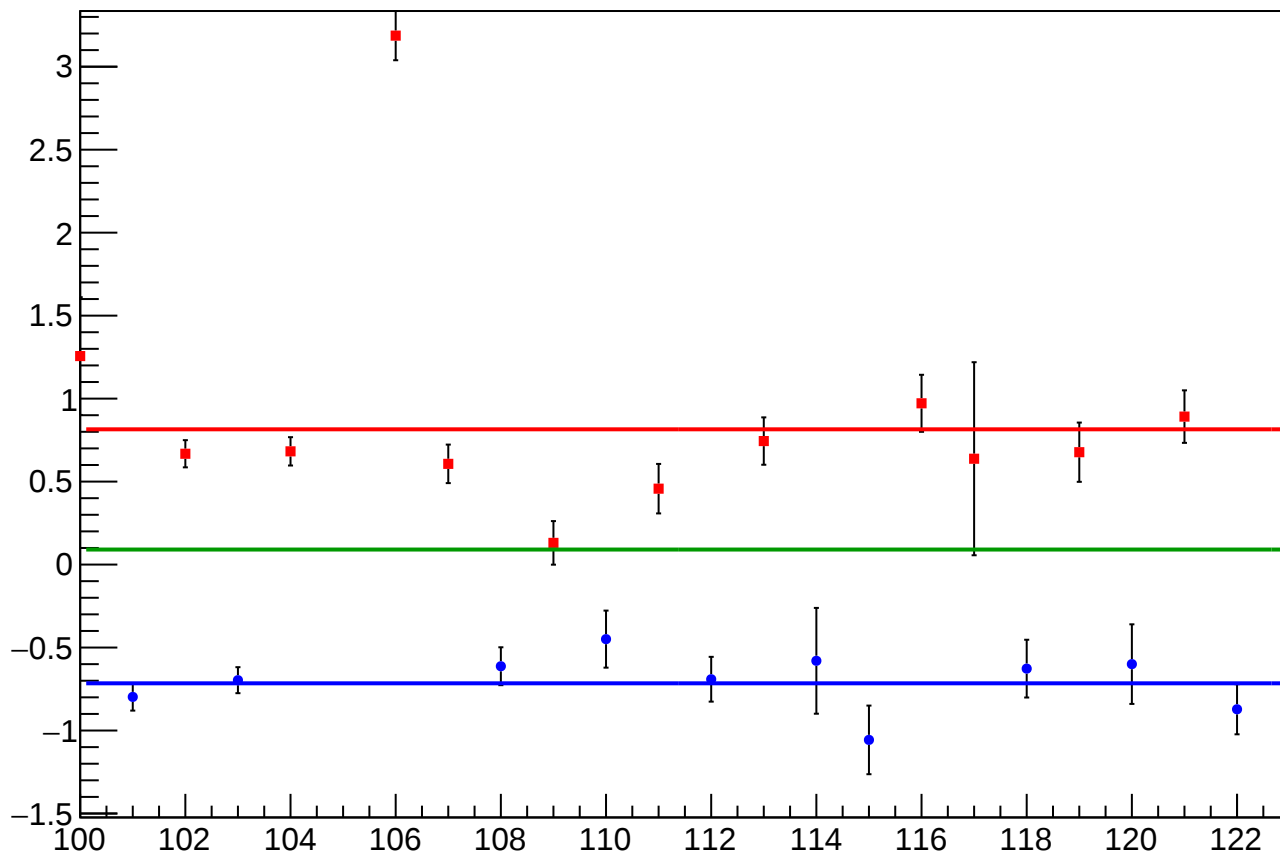
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-17.004 ± 0.743 χ^2/NDF : 396.1/10

-1.777 ± 0.537 χ^2/NDF : 1574.6/22

14.794 ± 0.776 χ^2/NDF : 302.3/11

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.715+/-0.041 χ^2/NDF : 8.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.815+/-0.039 χ^2/NDF : 301.1/11

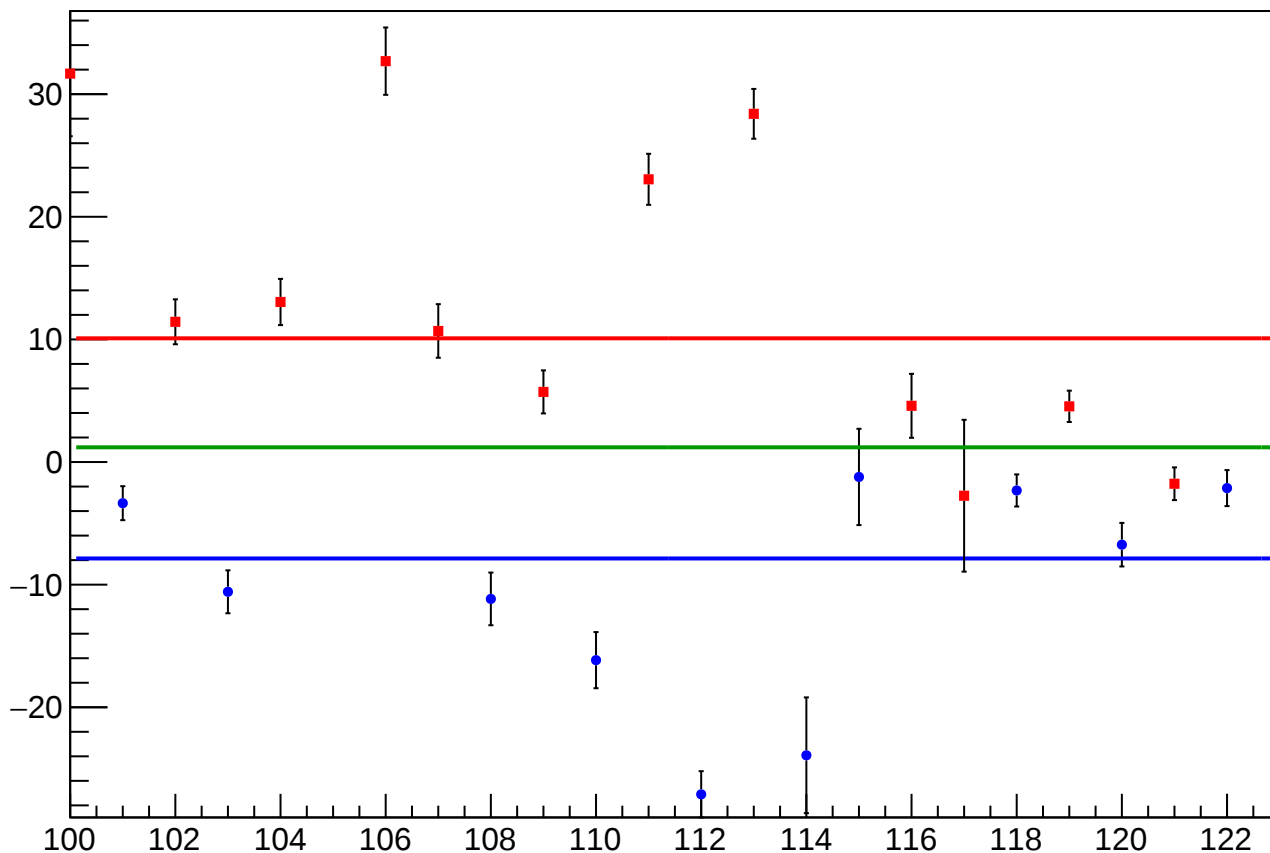
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.715+/-0.041 χ^2/NDF : 8.9/10

0.091+/-0.028 χ^2/NDF : 1057.3/22

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: -7.864+/-0.573 χ^2/NDF : 182.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.089+/-0.568 χ^2/NDF : 321.5/11

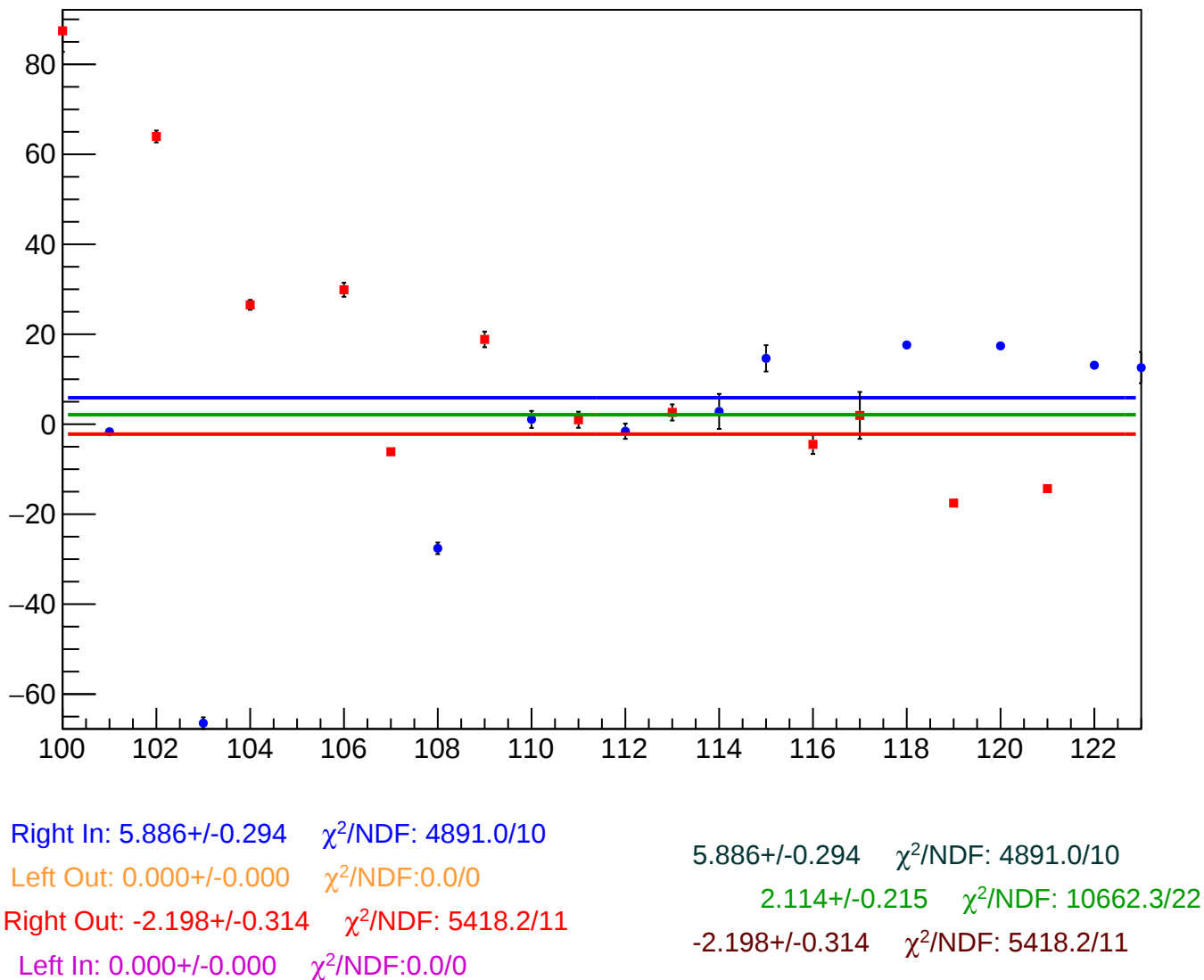
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-7.864+/-0.573 χ^2/NDF : 182.5/10

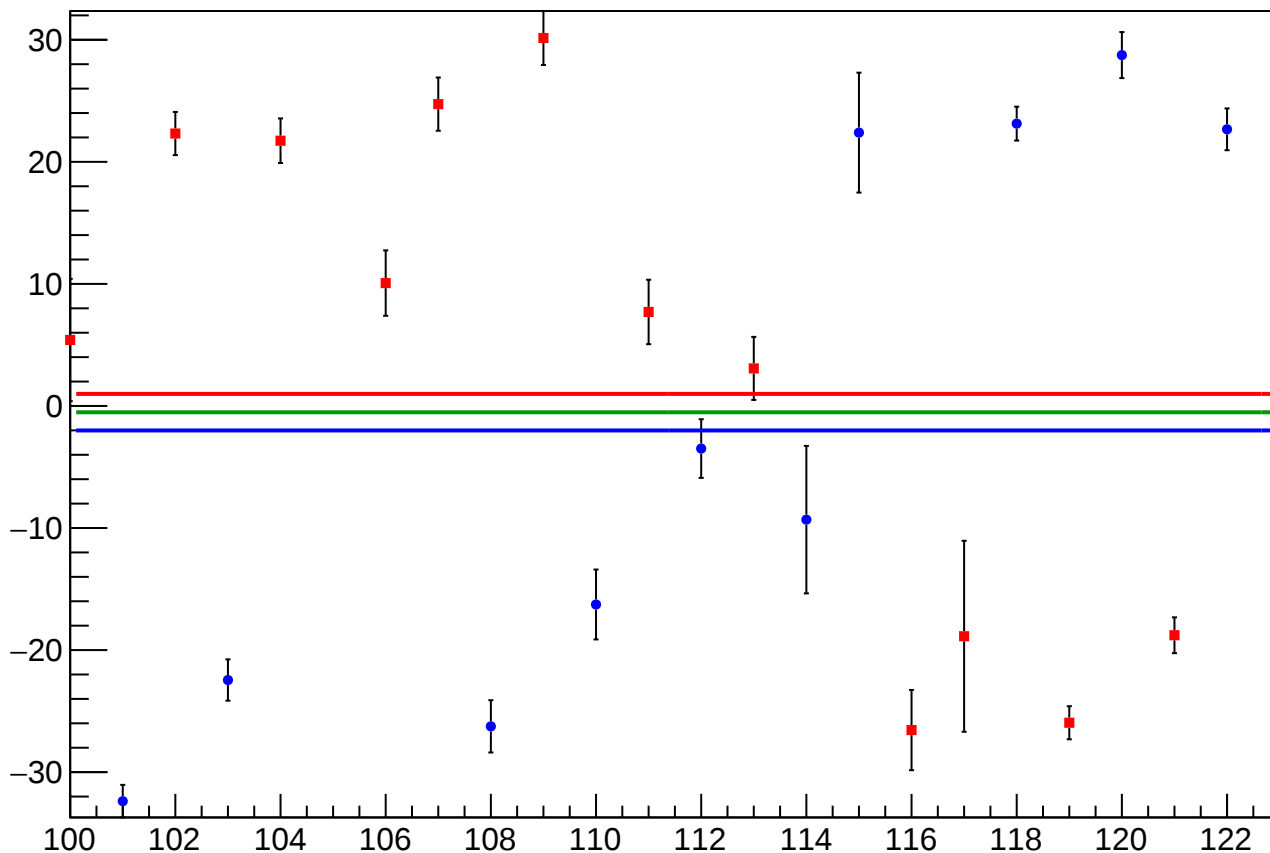
1.200+/-0.403 χ^2/NDF : 999.3/22

10.089+/-0.568 χ^2/NDF : 321.5/11

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.006+/-0.613 χ^2/NDF : 1655.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.989+/-0.617 χ^2/NDF : 1240.0/11

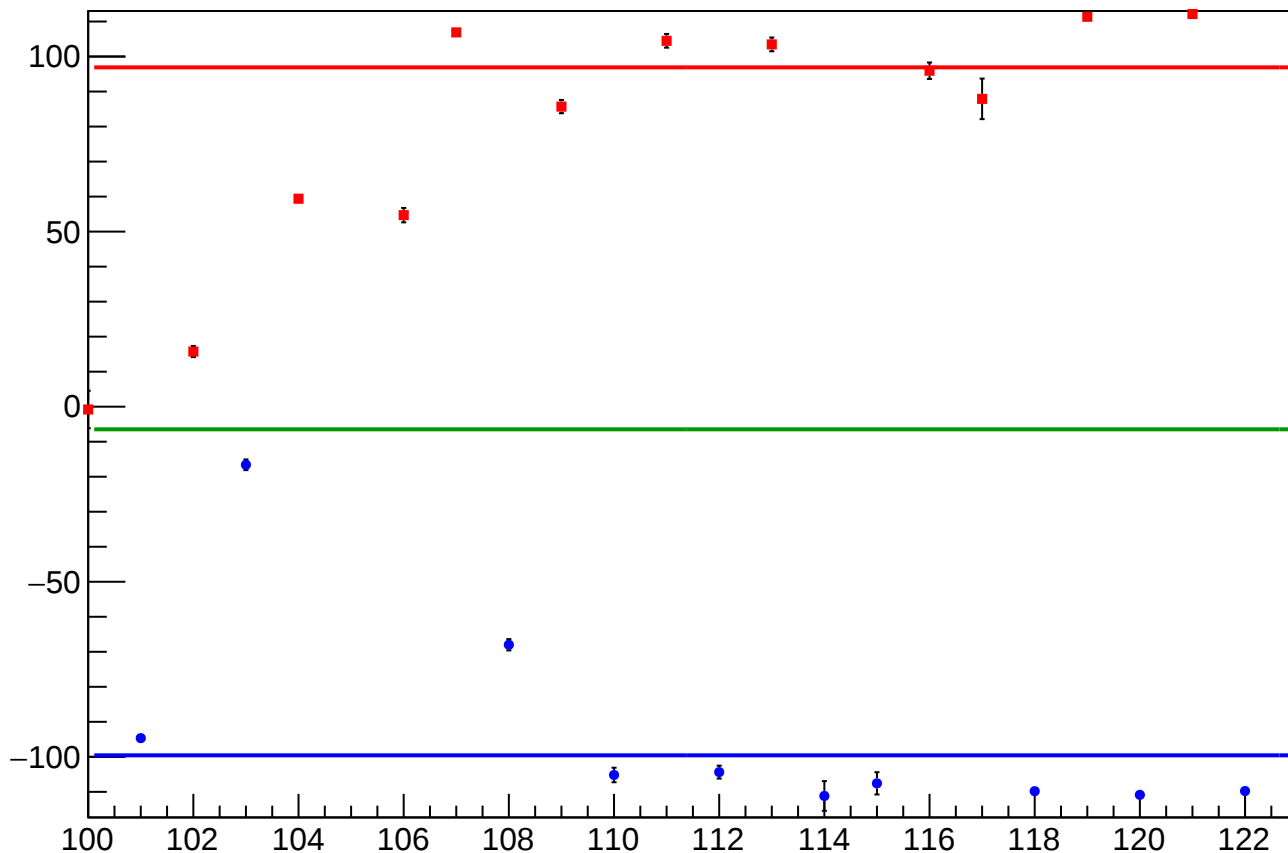
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.006+/-0.613 χ^2/NDF : 1655.9/10

-0.518+/-0.435 χ^2/NDF : 2907.7/22

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: -99.568 ± 0.362 χ^2/NDF : 3930.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 96.909 ± 0.381 χ^2/NDF : 5091.1/11

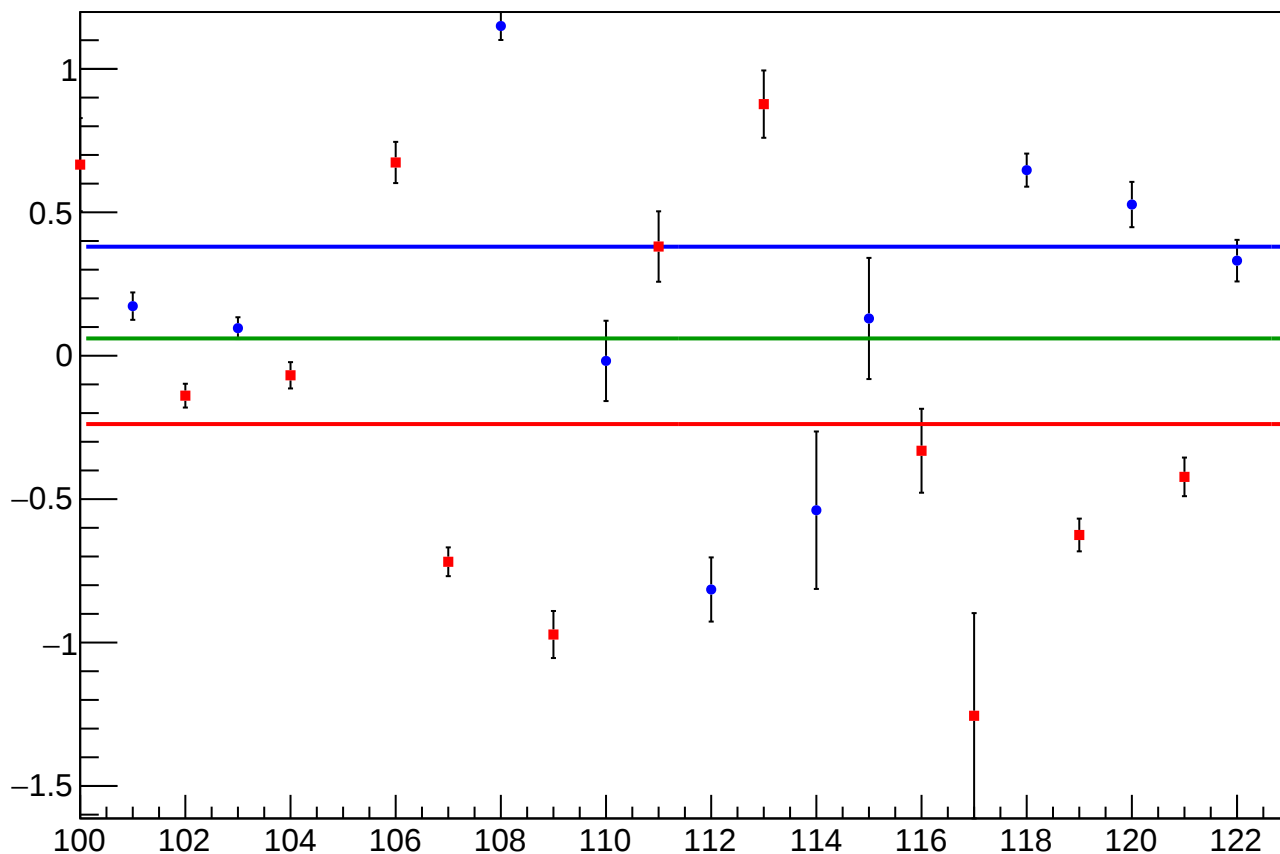
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-99.568 ± 0.362 χ^2/NDF : 3930.3/10

-6.464 ± 0.262 χ^2/NDF : 148772.2/22

96.909 ± 0.381 χ^2/NDF : 5091.1/11

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.380+/-0.020 χ^2/NDF : 484.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.238+/-0.020 χ^2/NDF : 560.9/11

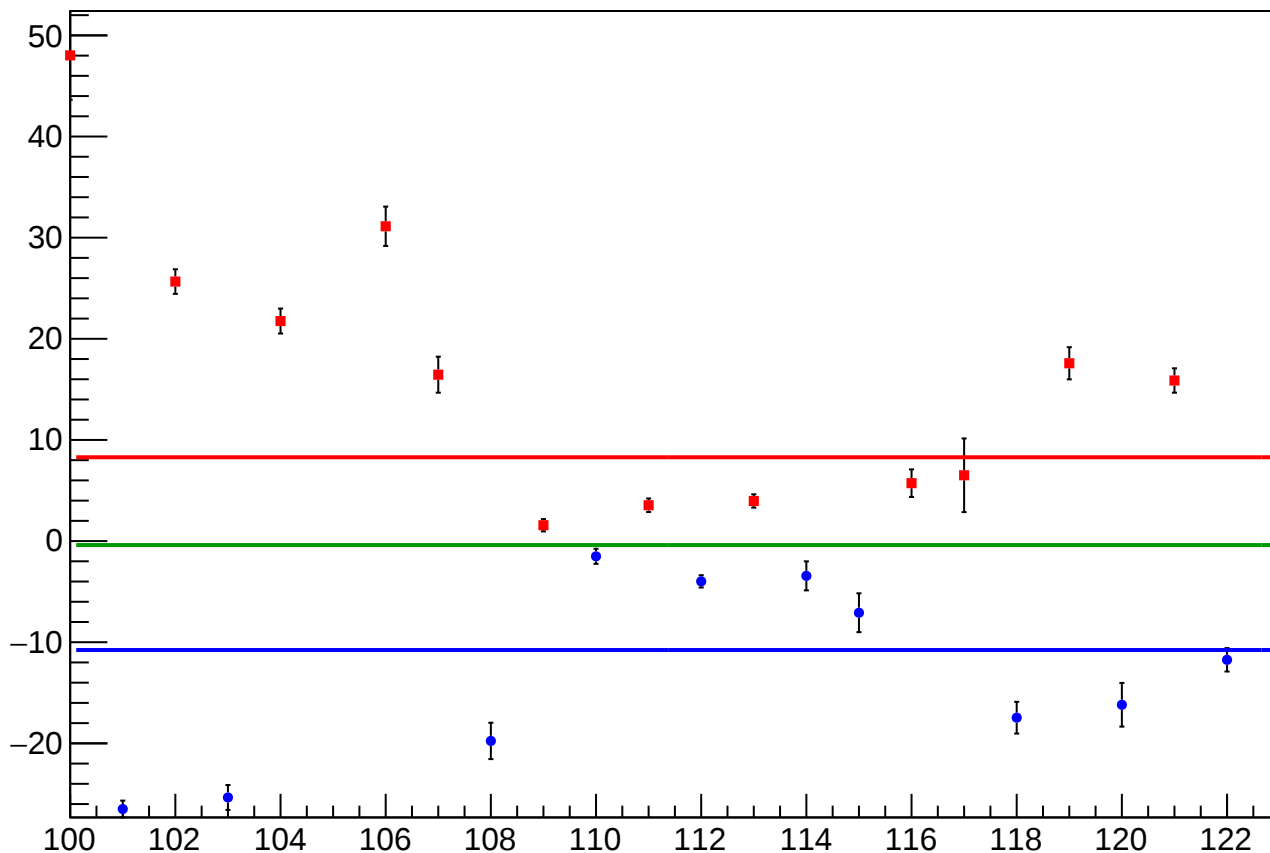
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.380+/-0.020 χ^2/NDF : 484.6/10

0.060+/-0.014 χ^2/NDF : 1517.3/22

-0.238+/-0.020 χ^2/NDF : 560.9/11

reg_asym_sam_1357_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -10.771 $\pm$ 0.331 χ^2 /NDF: 857.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.287 $\pm$ 0.303 χ^2 /NDF: 856.7/11

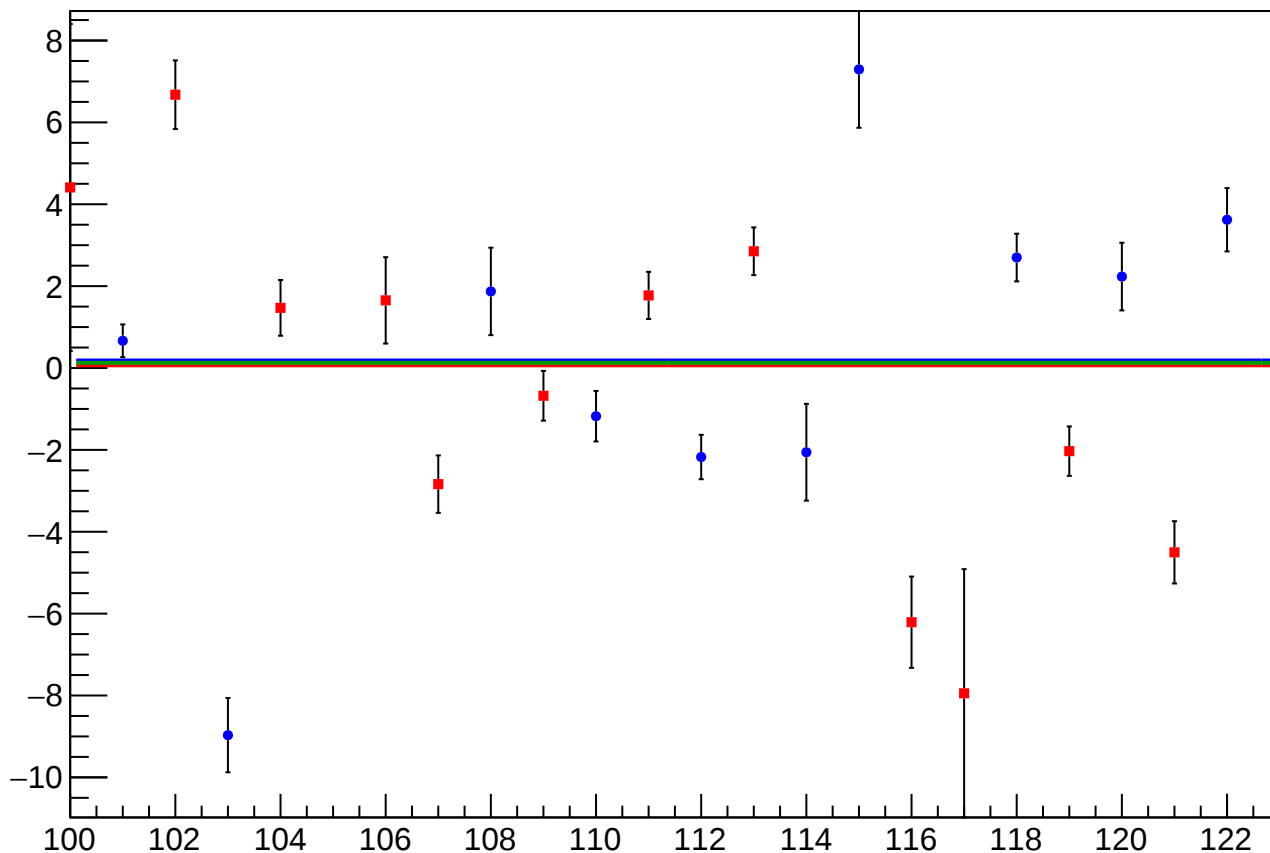
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-10.771 $\pm$ 0.331 χ^2 /NDF: 857.1/10

-0.394 $\pm$ 0.224 χ^2 /NDF: 3515.1/22

8.287 $\pm$ 0.303 χ^2 /NDF: 856.7/11

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.183+/-0.214 χ^2/NDF : 202.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.066+/-0.220 χ^2/NDF : 206.9/11

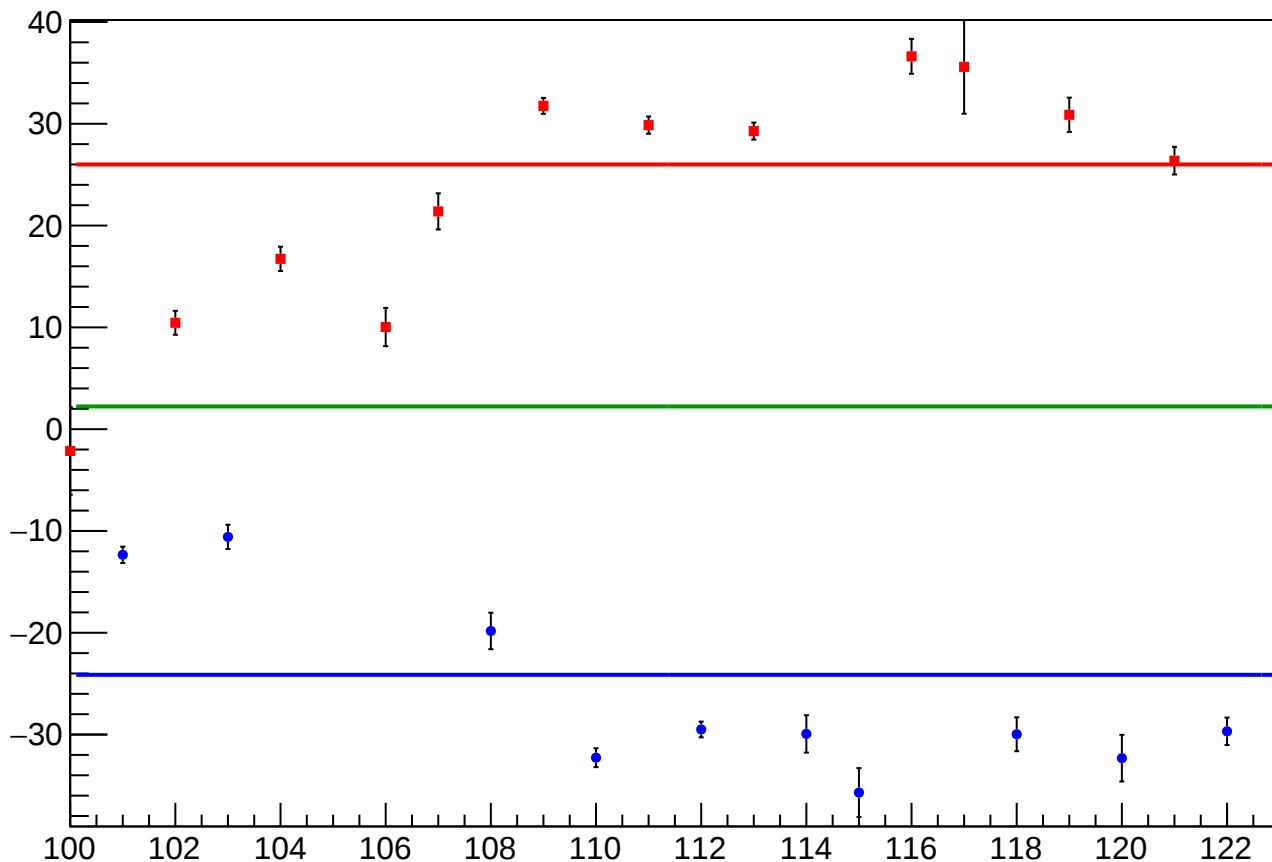
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.183+/-0.214 χ^2/NDF : 202.7/10

0.126+/-0.154 χ^2/NDF : 409.7/22

0.066+/-0.220 χ^2/NDF : 206.9/11

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -24.132 $\pm$ 0.378 χ^2 /NDF: 554.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 26.004 $\pm$ 0.359 χ^2 /NDF: 497.5/11

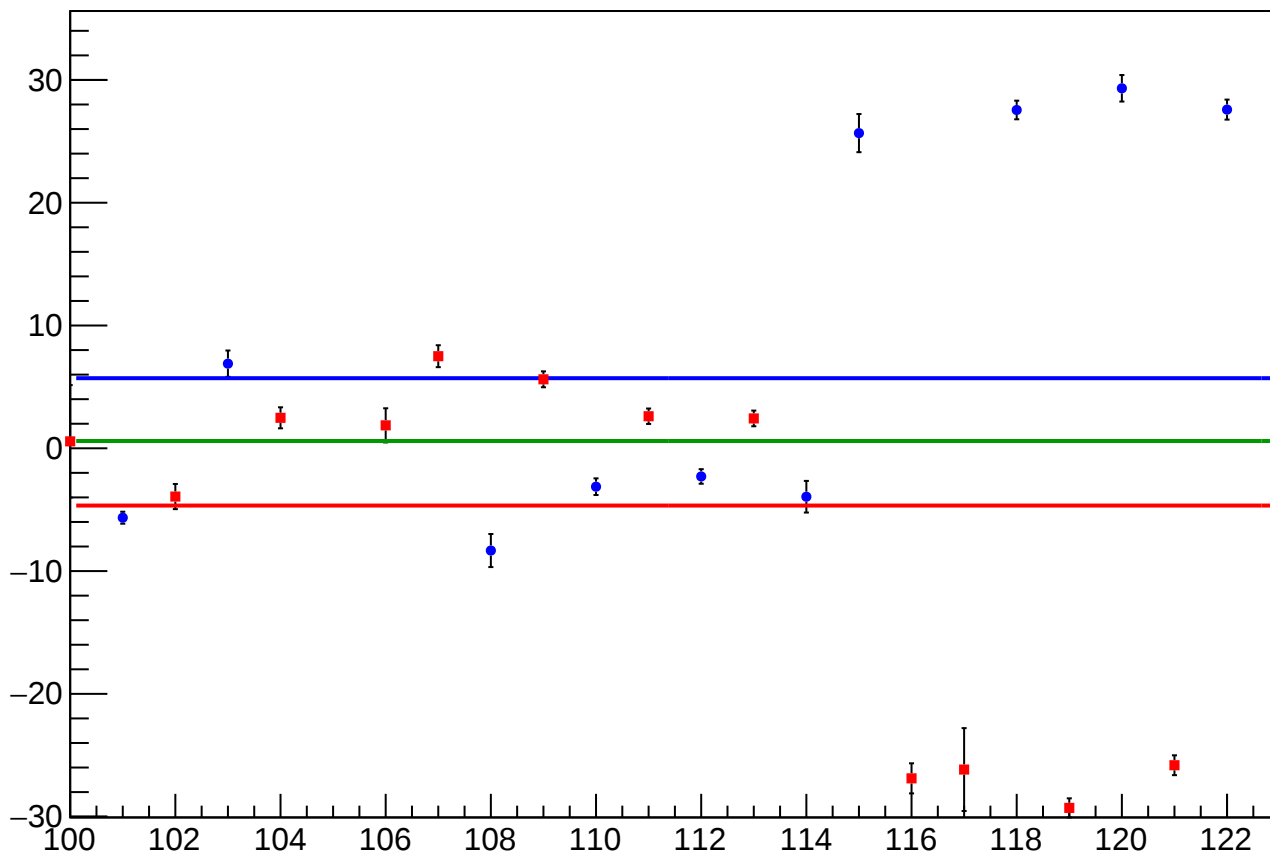
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-24.132 $\pm$ 0.378 χ^2 /NDF: 554.8/10

2.232 $\pm$ 0.260 χ^2 /NDF: 10320.5/22

26.004 $\pm$ 0.359 χ^2 /NDF: 497.5/11

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.709 $\pm$ 0.251 χ^2/NDF : 3328.9/10

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

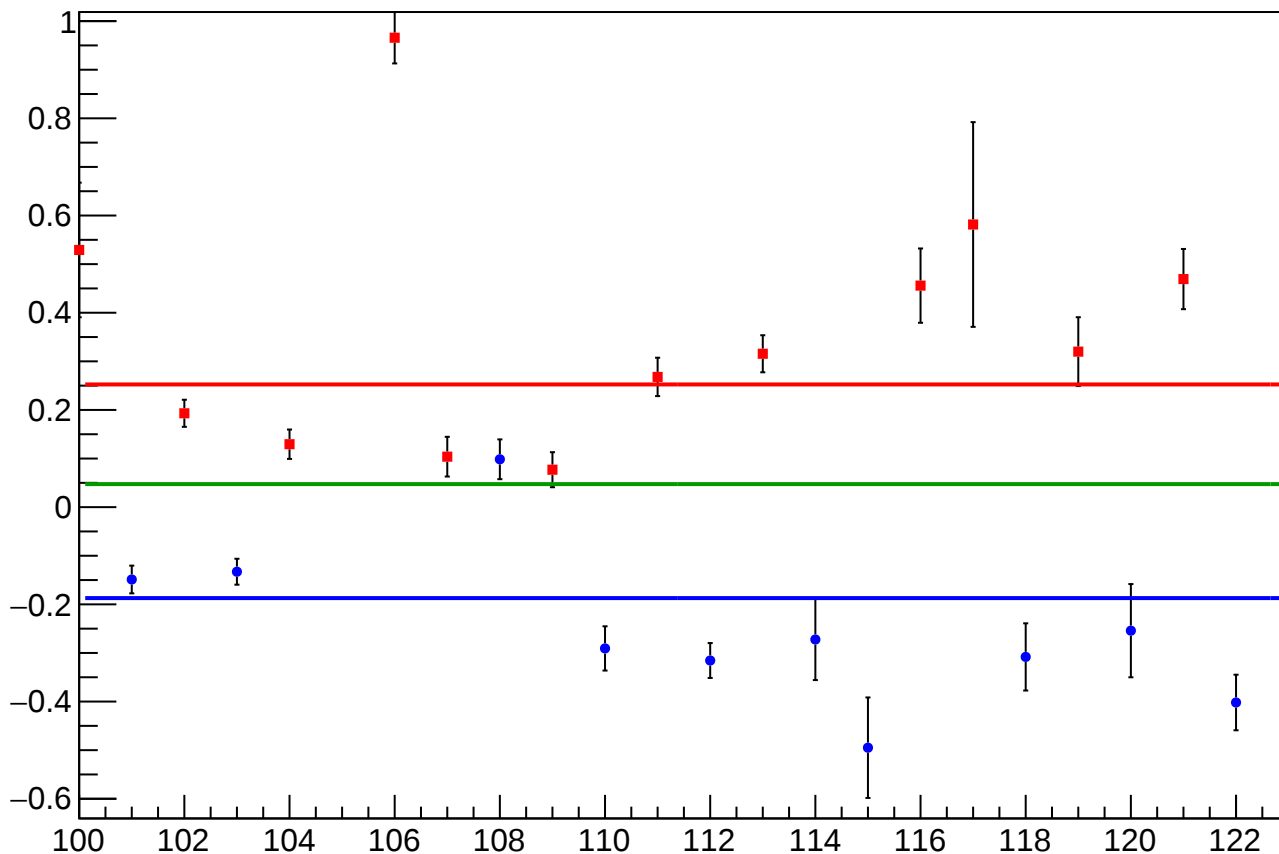
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

5.709 $\pm$ 0.251 χ^2/NDF : 3328.9/10

0.594 $\pm$ 0.179 χ^2/NDF : 7013.1/22

-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: -0.187 ± 0.014 χ^2/NDF : 101.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.252 ± 0.013 χ^2/NDF : 269.5/11

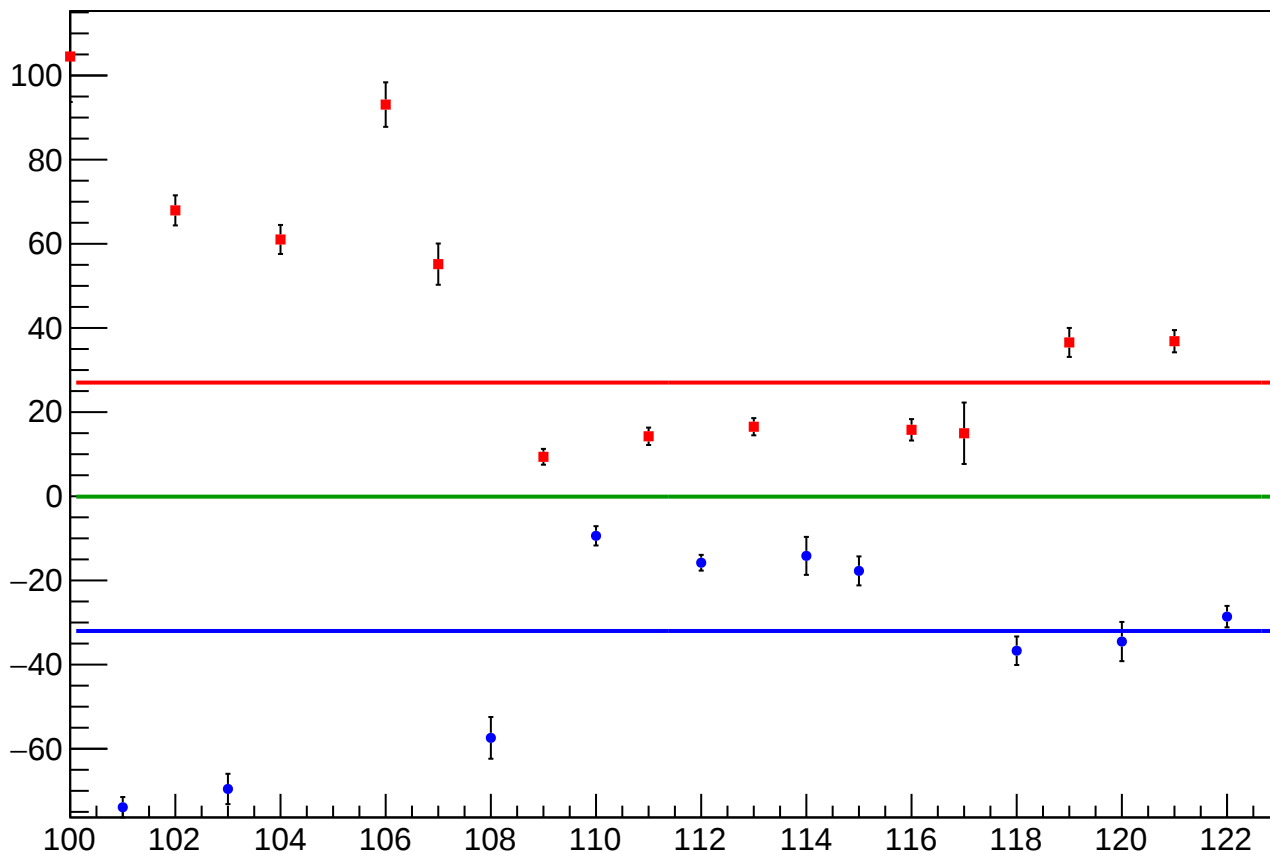
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.187 ± 0.014 χ^2/NDF : 101.3/10

0.047 ± 0.009 χ^2/NDF : 924.6/22

0.252 ± 0.013 χ^2/NDF : 269.5/11

reg_asym_sam_2468_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -32.007 $\pm$ 0.915 χ^2 /NDF: 641.9/10

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

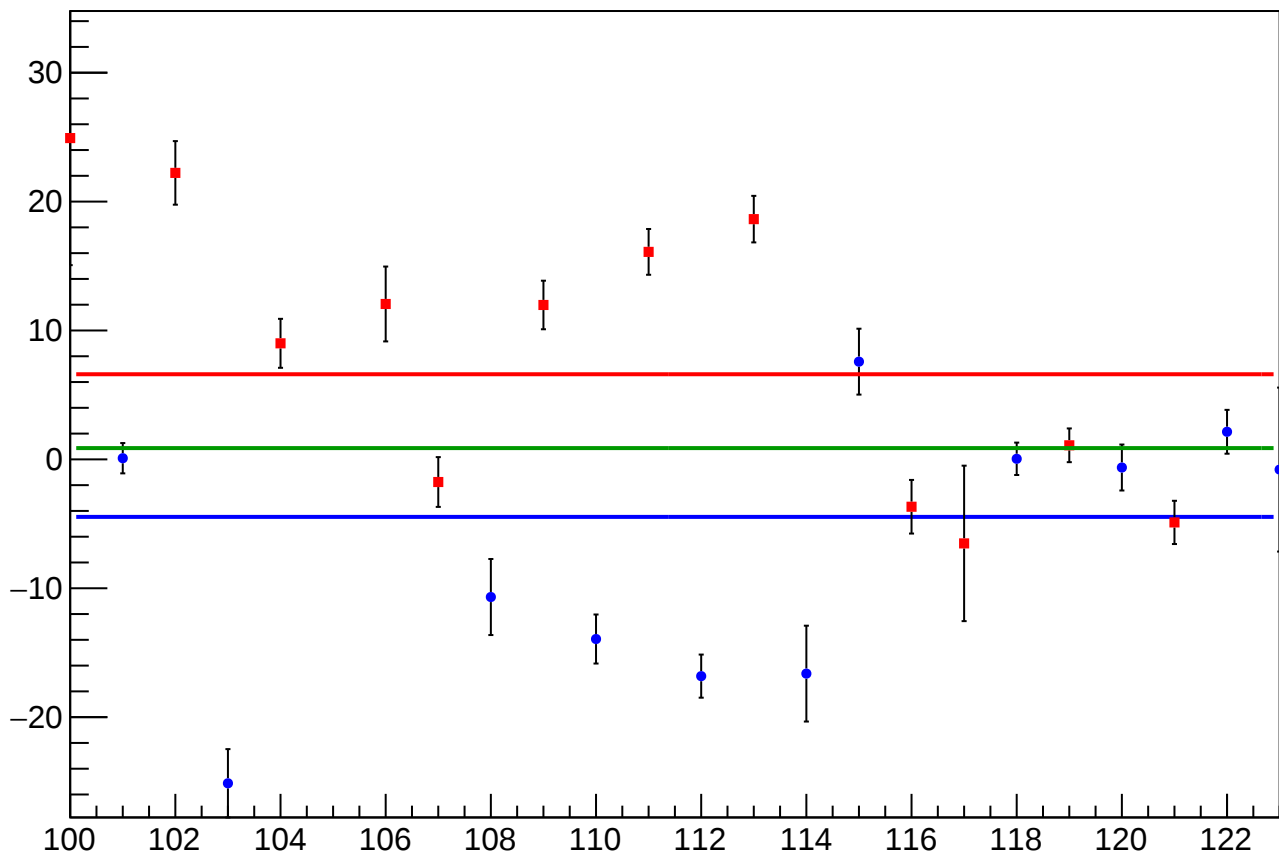
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-32.007 $\pm$ 0.915 χ^2 /NDF: 641.9/10

-0.084 $\pm$ 0.620 χ^2 /NDF: 3555.5/22

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: -4.462+/-0.563 χ^2 /NDF: 225.4/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 6.605+/-0.583 χ^2 /NDF: 242.4/11

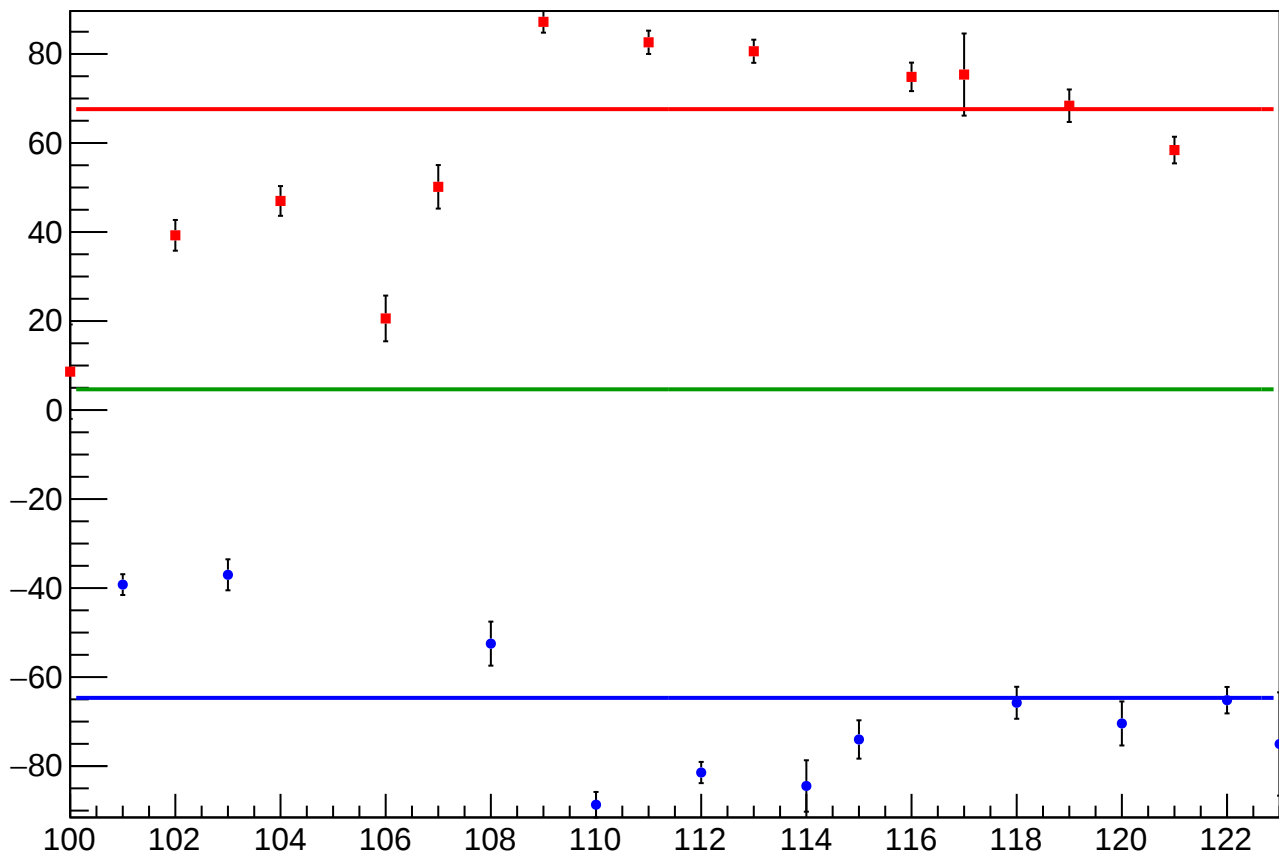
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-4.462+/-0.563 χ^2 /NDF: 225.4/10

0.875+/-0.405 χ^2 /NDF: 654.3/22

6.605+/-0.583 χ^2 /NDF: 242.4/11

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -64.670 $\pm$ 1.039 χ^2 /NDF: 325.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 67.607 $\pm$ 0.990 χ^2 /NDF: 371.3/11

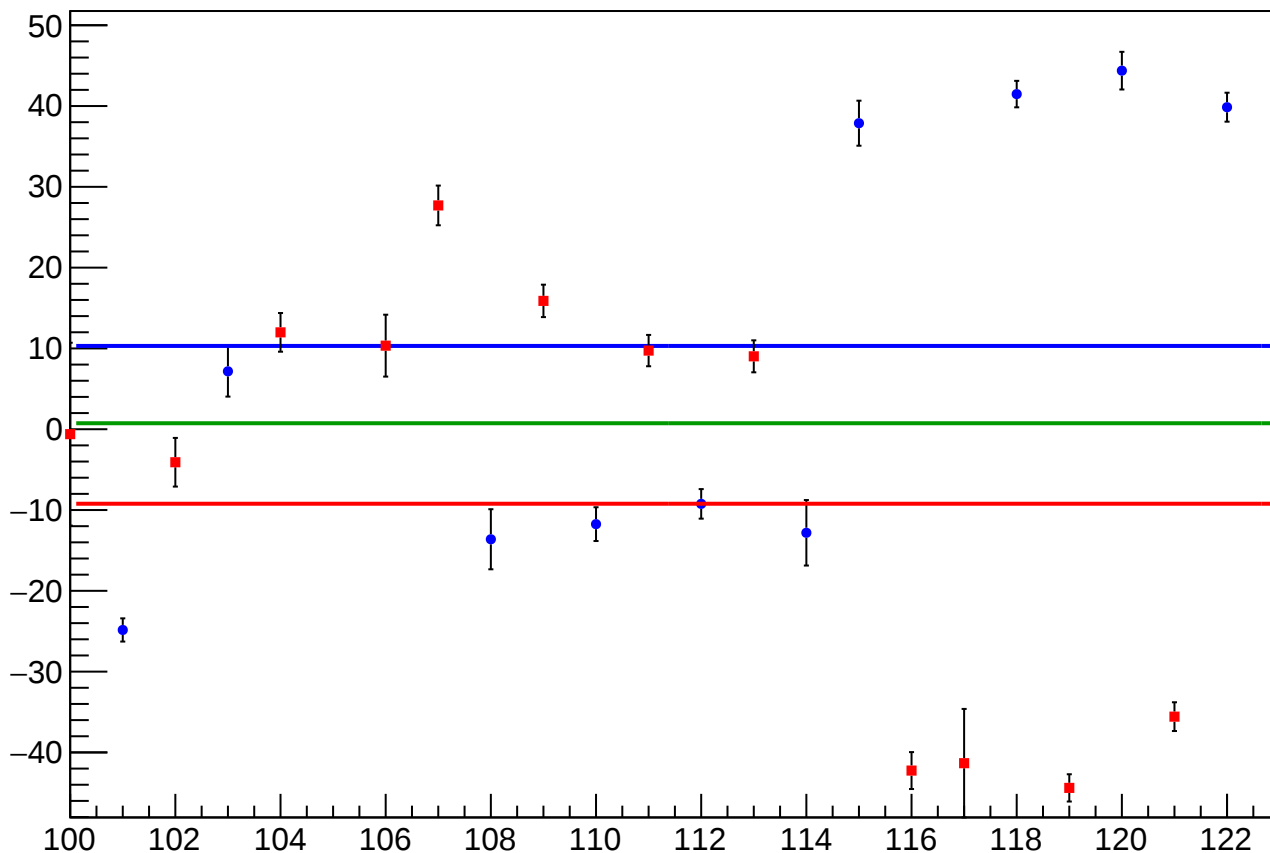
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-64.670 $\pm$ 1.039 χ^2 /NDF: 325.9/10

4.658 $\pm$ 0.716 χ^2 /NDF: 9199.0/22

67.607 $\pm$ 0.990 χ^2 /NDF: 371.3/11

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.309+/-0.664 χ^2/NDF : 1871.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.221+/-0.678 χ^2/NDF : 1556.3/11

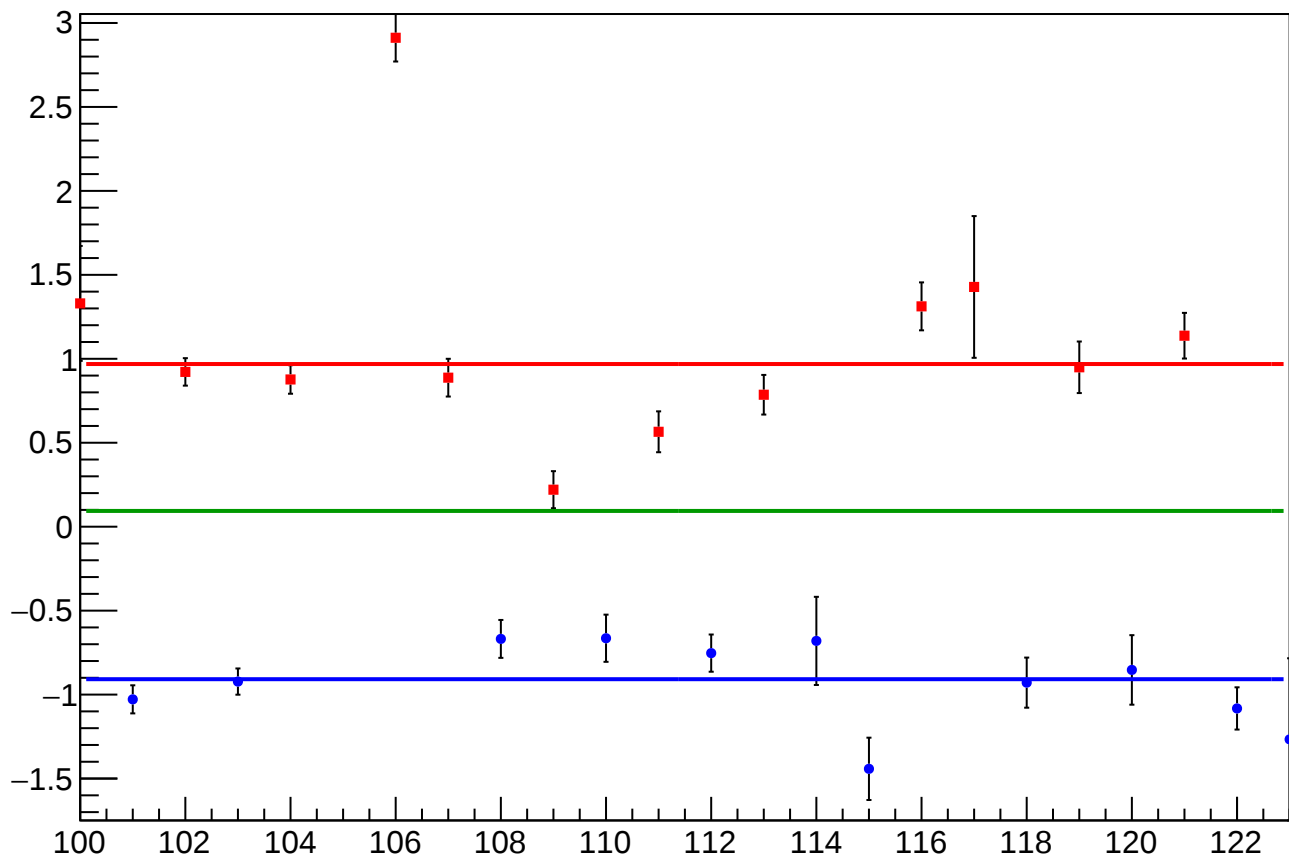
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.309+/-0.664 χ^2/NDF : 1871.1/10

0.741+/-0.474 χ^2/NDF : 3851.0/22

-9.221+/-0.678 χ^2/NDF : 1556.3/11

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.908 ± 0.038 χ^2/NDF : 23.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.969 ± 0.035 χ^2/NDF : 259.7/11

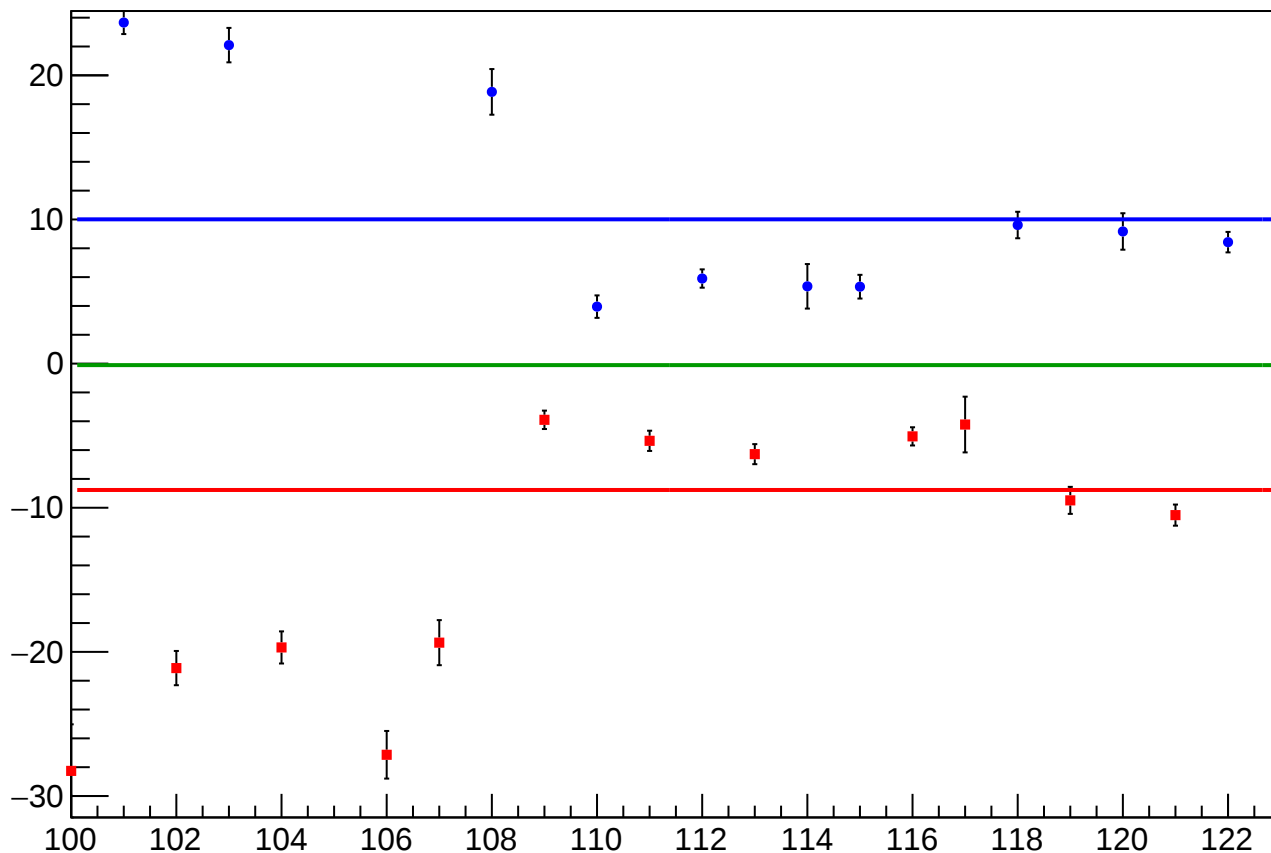
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.908 ± 0.038 χ^2/NDF : 23.2/10

0.094 ± 0.026 χ^2/NDF : 1593.5/22

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: 10.009+/-0.282 χ^2 /NDF: 574.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -8.768+/-0.261 χ^2 /NDF: 551.1/11

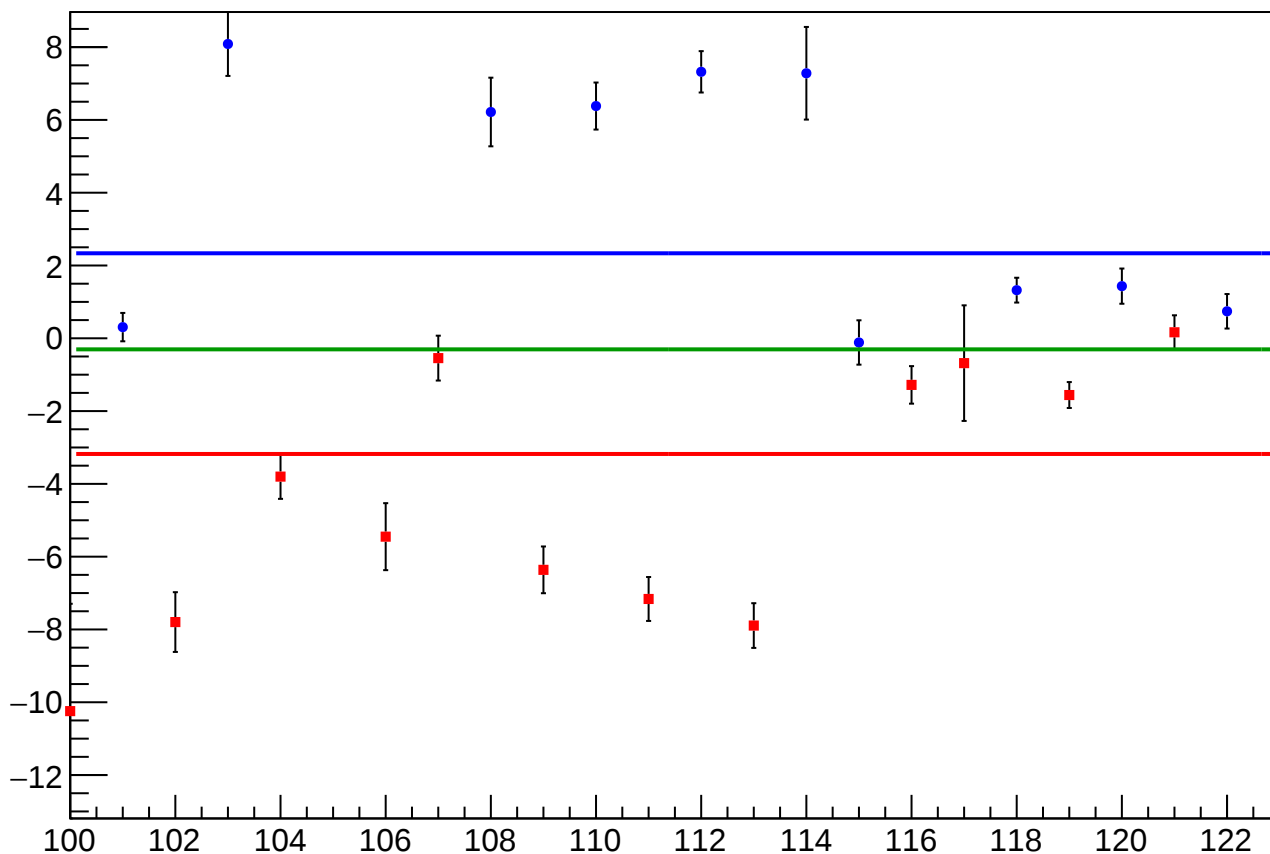
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

10.009+/-0.282 χ^2 /NDF: 574.8/10

-0.105+/-0.191 χ^2 /NDF: 3518.4/22

-8.768+/-0.261 χ^2 /NDF: 551.1/11

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.336 ± 0.168 χ^2/NDF : 258.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.178 ± 0.175 χ^2/NDF : 277.9/11

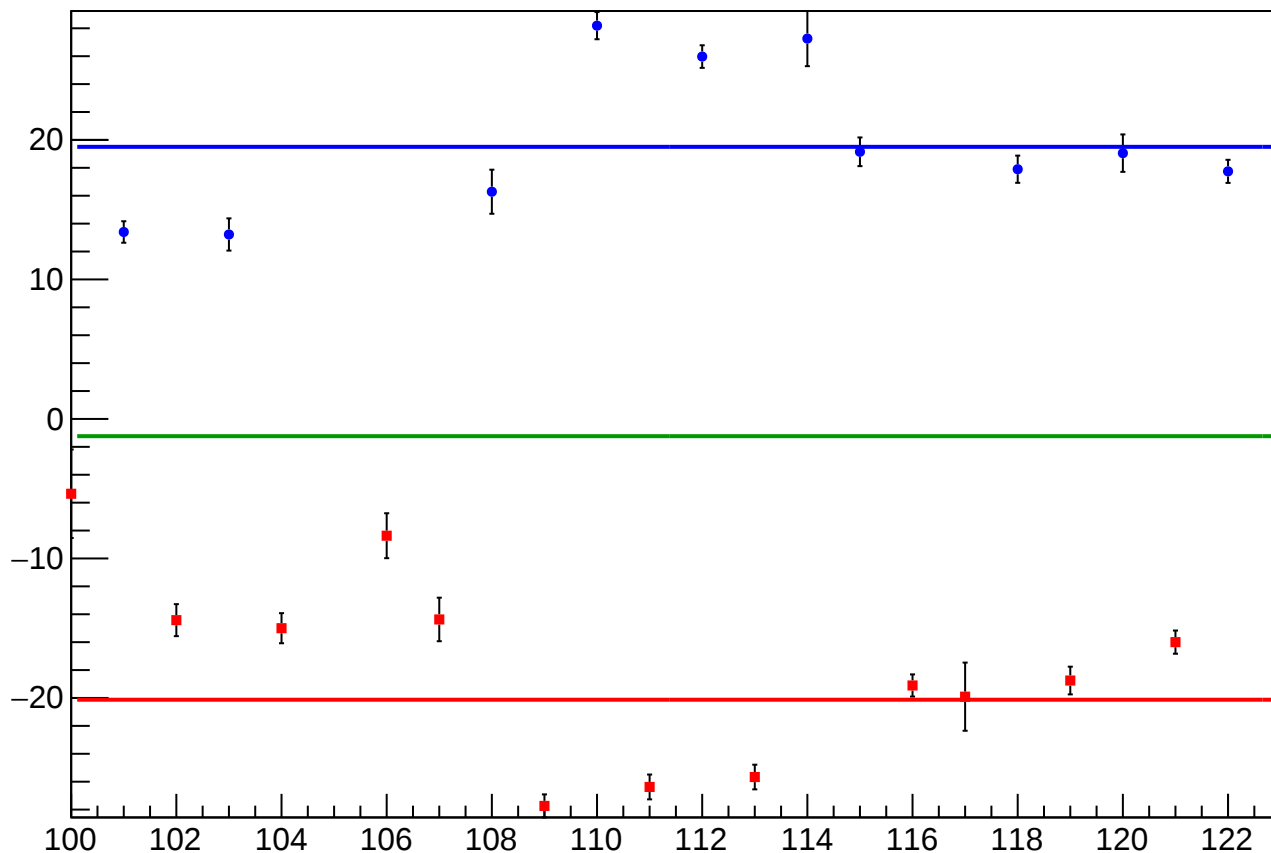
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

2.336 ± 0.168 χ^2/NDF : 258.5/10

-0.304 ± 0.121 χ^2/NDF : 1052.3/22

-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: 19.504+/-0.320 χ^2 /NDF: 262.9/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -20.125+/-0.305 χ^2 /NDF: 337.6/11

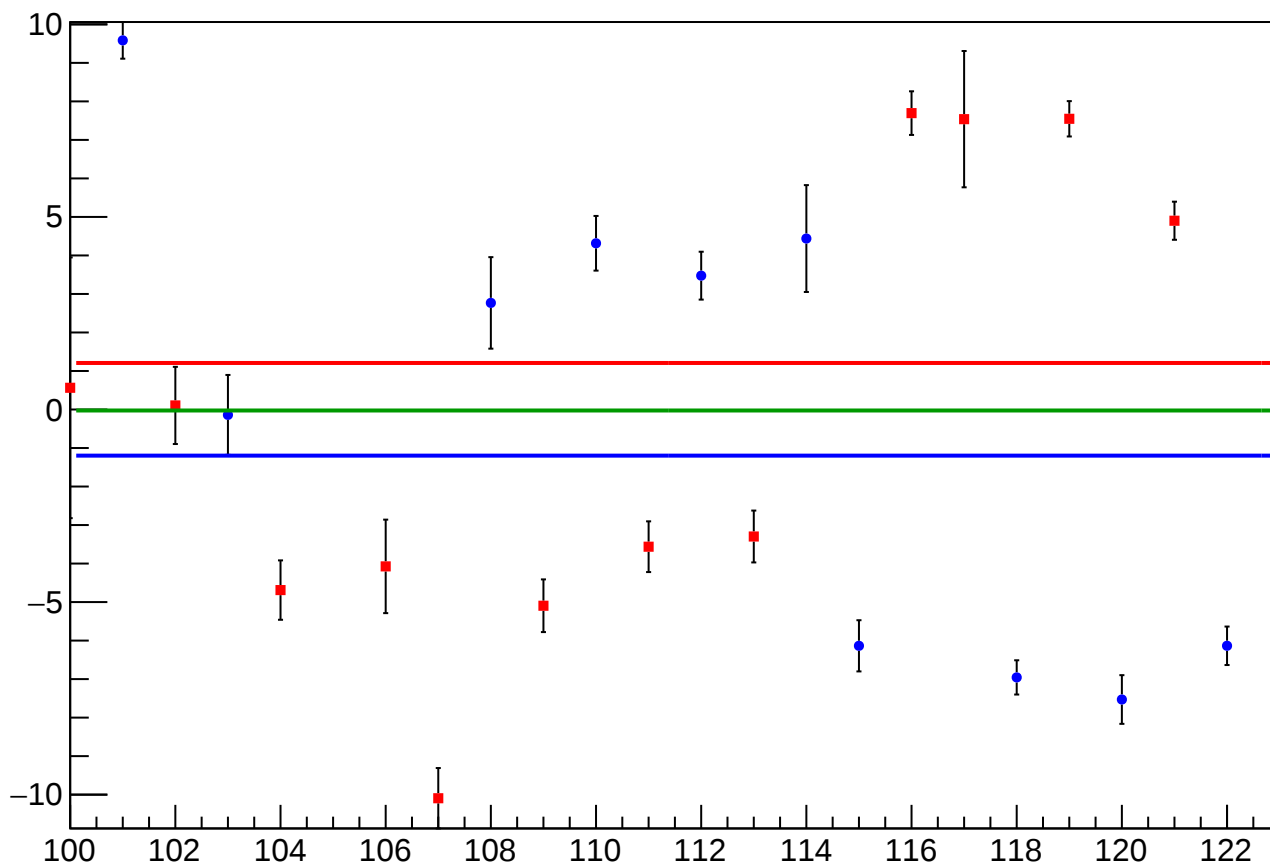
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

19.504+/-0.320 χ^2 /NDF: 262.9/10

-1.236+/-0.221 χ^2 /NDF: 8638.6/22

-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: -1.198+/-0.199 χ^2 /NDF: 1086.2/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1.208+/-0.204 χ^2 /NDF: 859.0/11

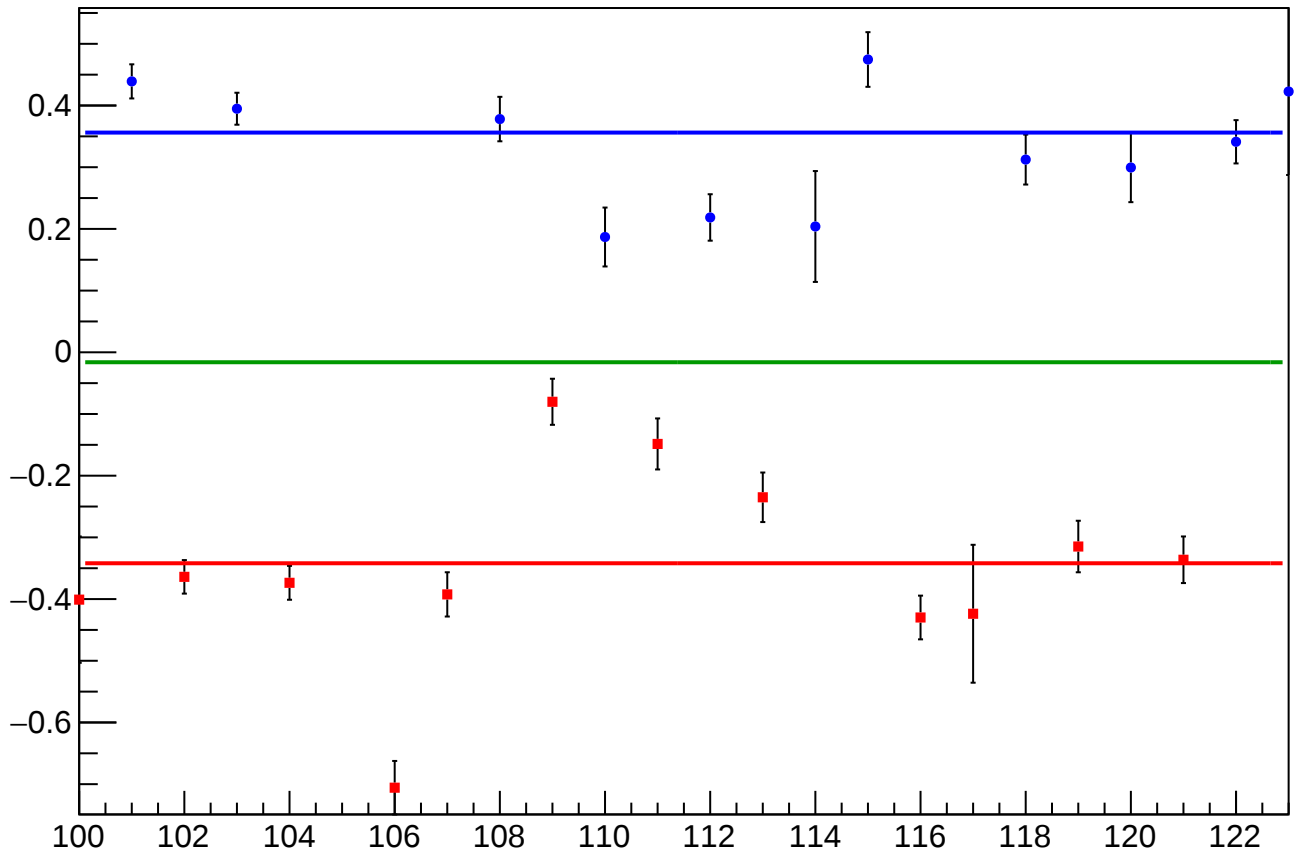
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.198+/-0.199 χ^2 /NDF: 1086.2/10

-0.026+/-0.143 χ^2 /NDF: 2016.4/22

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: 0.356 $\pm$ 0.012 χ^2 /NDF: 50.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.342 $\pm$ 0.011 χ^2 /NDF: 159.9/11

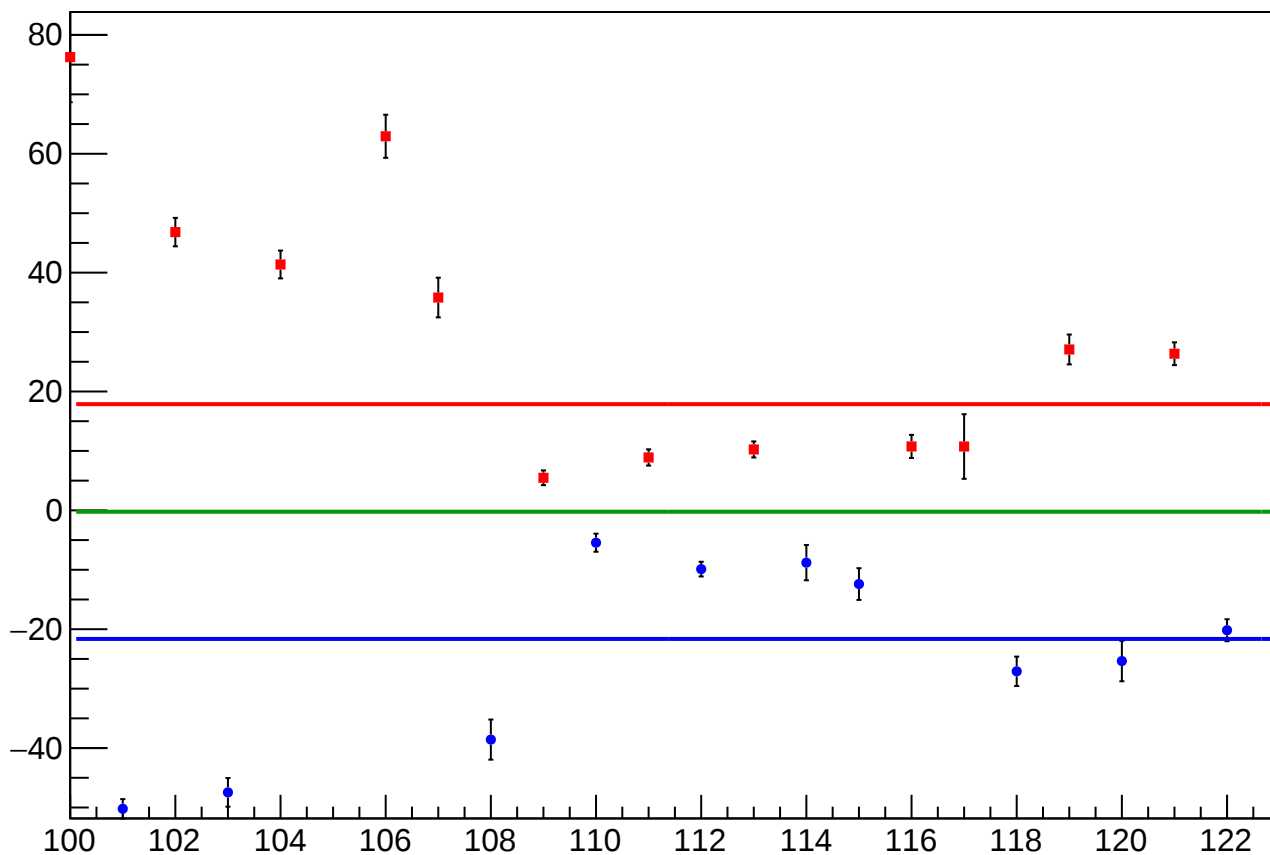
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.356 $\pm$ 0.012 χ^2 /NDF: 50.2/10

-0.016 $\pm$ 0.008 χ^2 /NDF: 2065.5/22

-0.342 $\pm$ 0.011 χ^2 /NDF: 159.9/11

reg_asym_sam_12345678_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -21.633 $\pm$ 0.627 χ^2 /NDF: 689.0/10

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

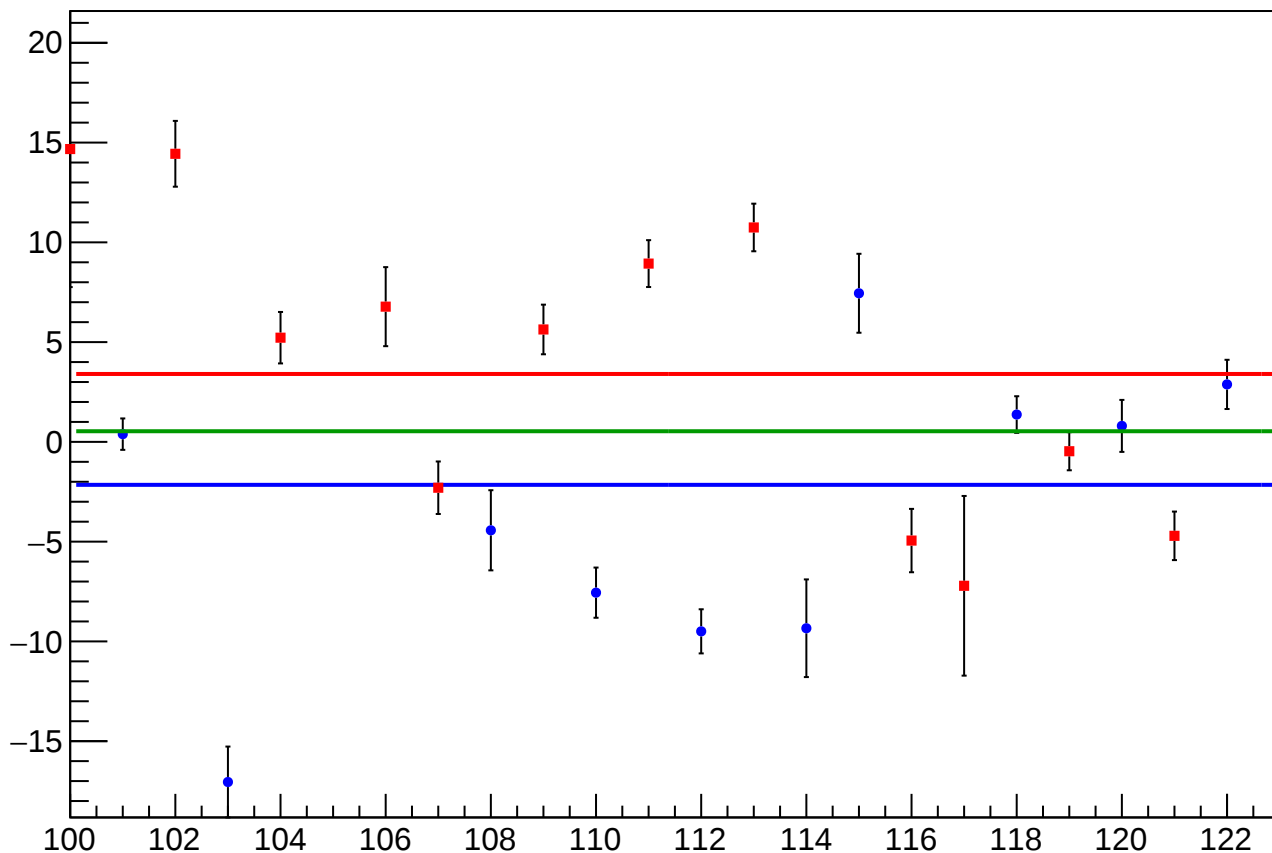
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-21.633 $\pm$ 0.627 χ^2 /NDF: 689.0/10

-0.233 $\pm$ 0.425 χ^2 /NDF: 3548.8/22

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: -2.153+/-0.391 χ^2/NDF : 213.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.403+/-0.404 χ^2/NDF : 228.6/11

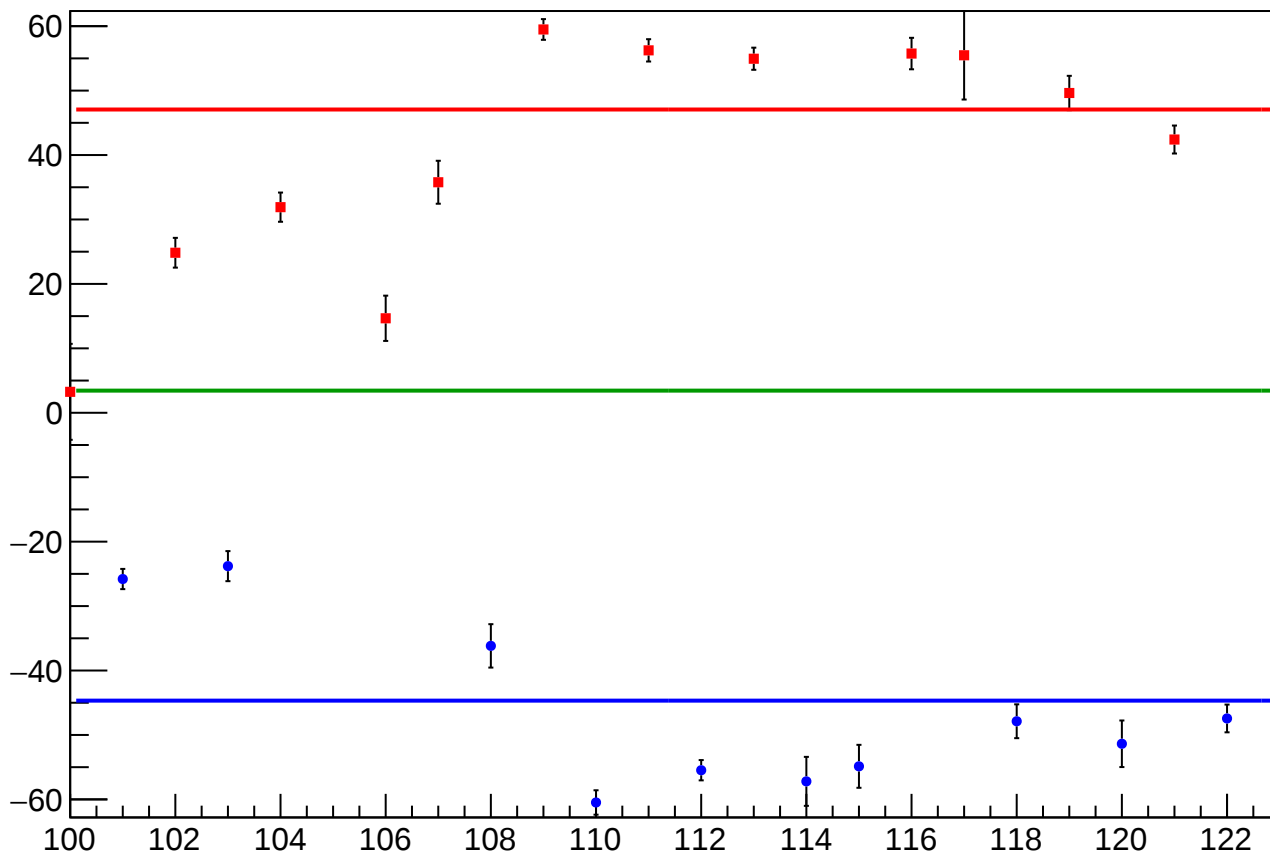
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.153+/-0.391 χ^2/NDF : 213.6/10

0.533+/-0.281 χ^2/NDF : 539.6/22

3.403+/-0.404 χ^2/NDF : 228.6/11

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.673 ± 0.712 χ^2/NDF : 375.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 47.066 ± 0.678 χ^2/NDF : 397.0/11

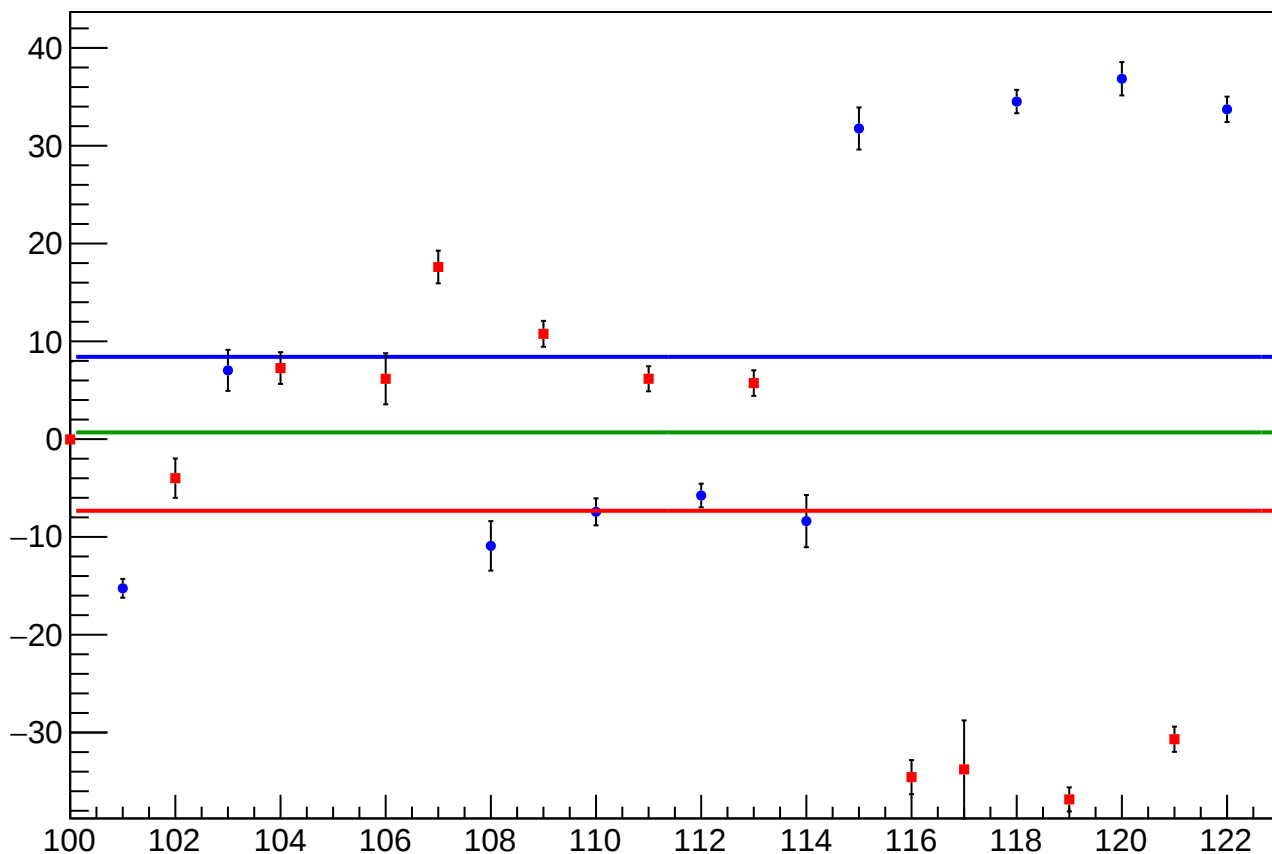
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-44.673 ± 0.712 χ^2/NDF : 375.8/10

3.438 ± 0.491 χ^2/NDF : 9469.3/22

47.066 ± 0.678 χ^2/NDF : 397.0/11

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.415 ± 0.461 $\chi^2/\text{NDF}: 2263.3/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -7.326 ± 0.470 $\chi^2/\text{NDF}: 1903.5/11$

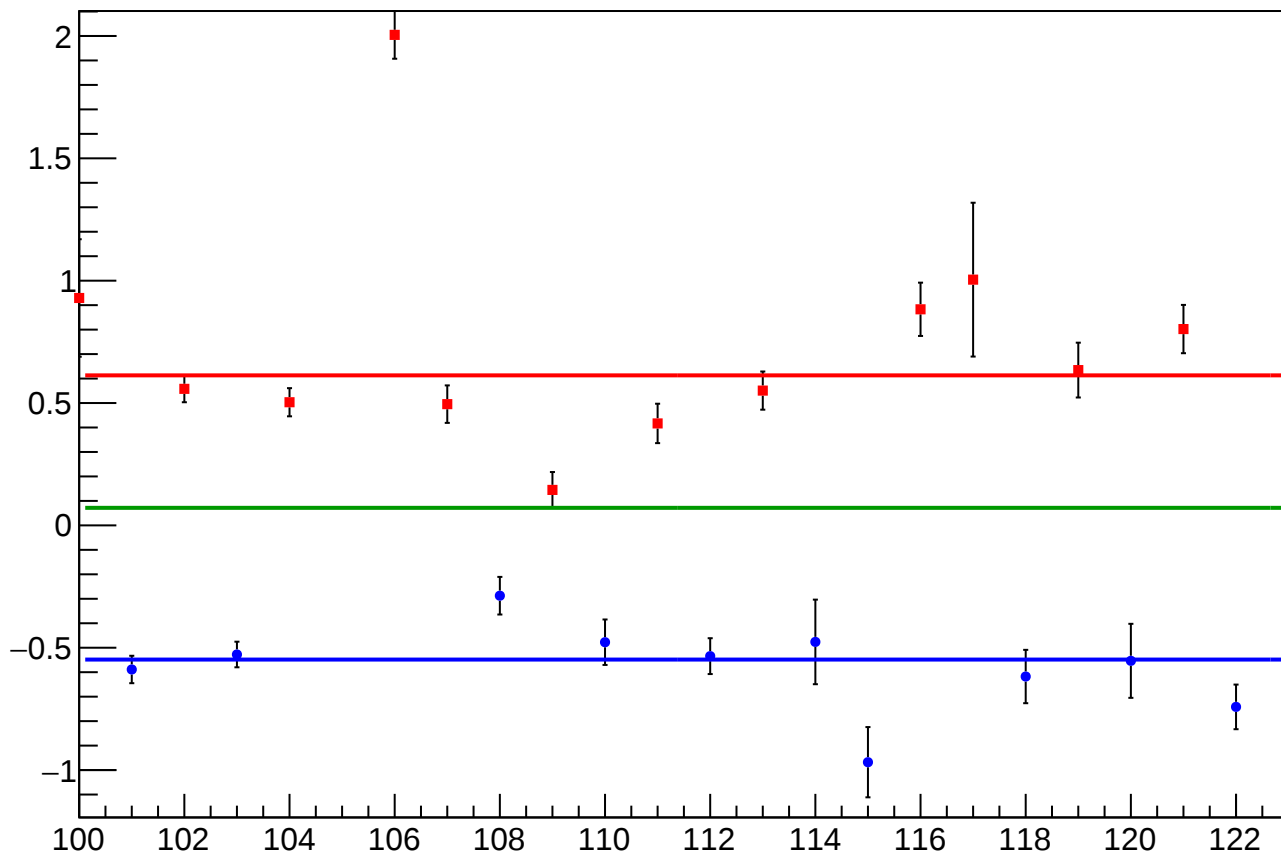
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

8.415 ± 0.461 $\chi^2/\text{NDF}: 2263.3/10$

0.688 ± 0.329 $\chi^2/\text{NDF}: 4739.1/22$

-7.326 ± 0.470 $\chi^2/\text{NDF}: 1903.5/11$

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.548+/-0.026 χ^2/NDF : 27.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.613+/-0.024 χ^2/NDF : 271.3/11

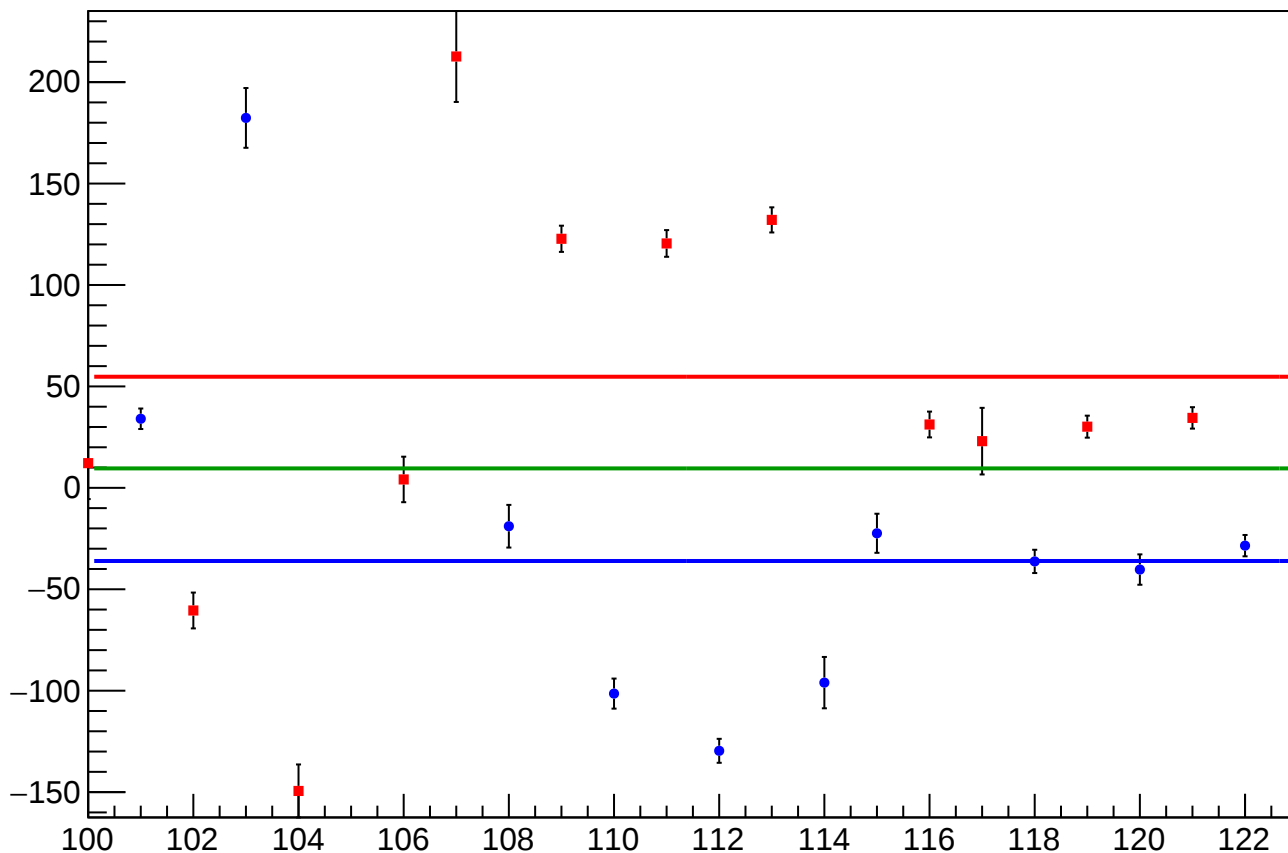
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.548+/-0.026 χ^2/NDF : 27.2/10

0.072+/-0.018 χ^2/NDF : 1374.3/22

0.613+/-0.024 χ^2/NDF : 271.3/11

reg_asym_atl1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -36.059 $\pm$ 2.229 χ^2 /NDF: 770.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 54.776 $\pm$ 2.218 χ^2 /NDF: 909.4/11

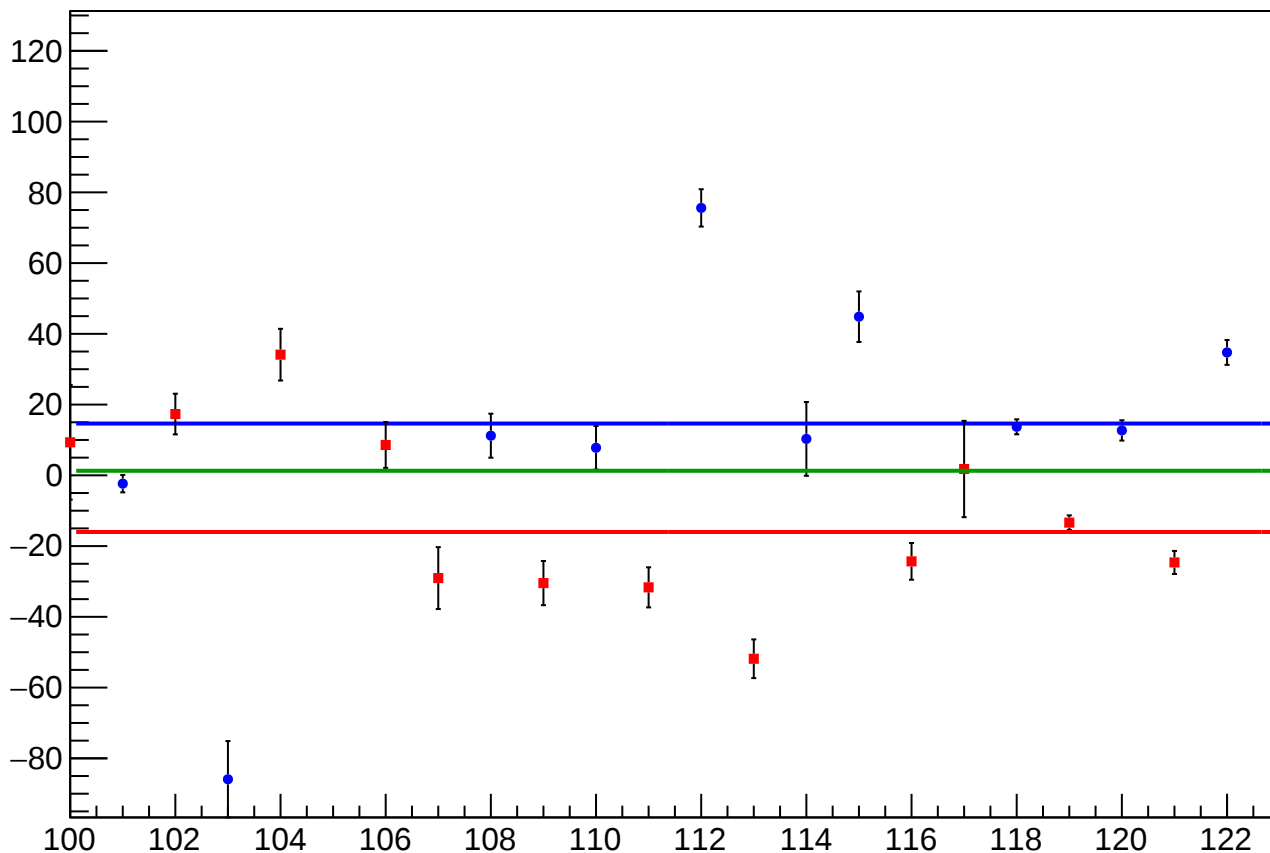
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-36.059 $\pm$ 2.229 χ^2 /NDF: 770.7/10

9.584 $\pm$ 1.573 χ^2 /NDF: 2514.3/22

54.776 $\pm$ 2.218 χ^2 /NDF: 909.4/11

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.642+/-1.182 χ^2/NDF : 321.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.013+/-1.346 χ^2/NDF : 168.4/11

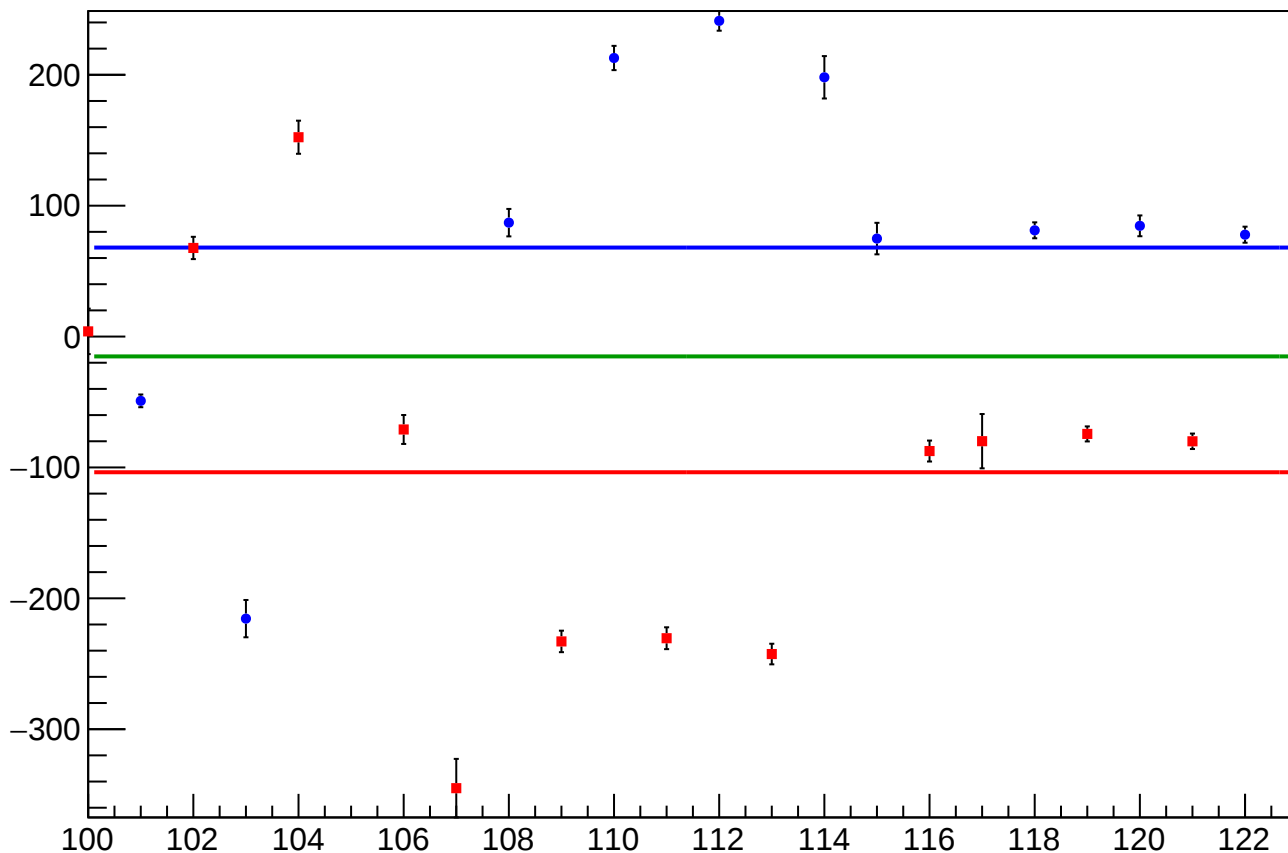
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14.642+/-1.182 χ^2/NDF : 321.0/10

1.291+/-0.888 χ^2/NDF : 782.2/22

-16.013+/-1.346 χ^2/NDF : 168.4/11

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.001+/-2.456 χ^2 /NDF: 1829.3/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -103.676+/-2.534 χ^2 /NDF: 1815.4/11

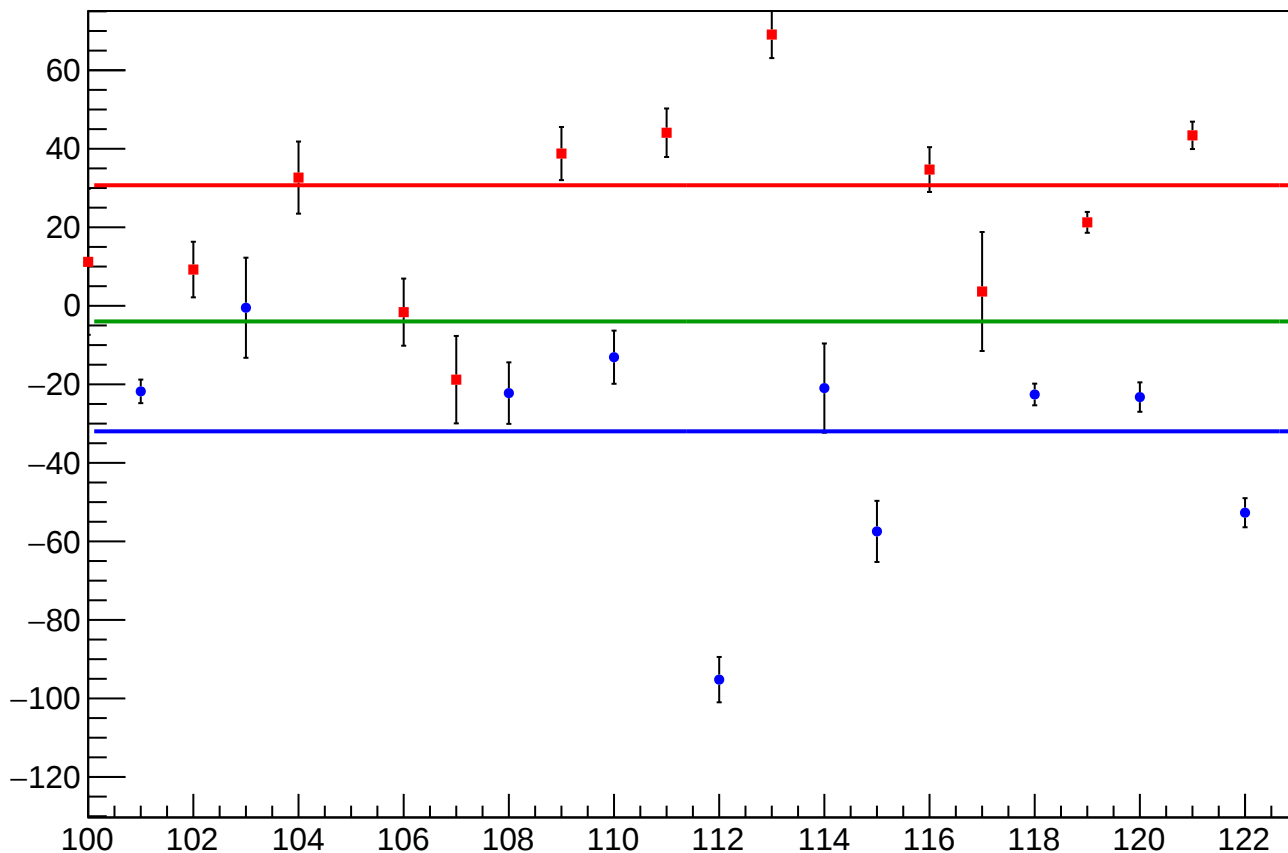
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

68.001+/-2.456 χ^2 /NDF: 1829.3/10

-15.168+/-1.764 χ^2 /NDF: 6011.6/22

-103.676+/-2.534 χ^2 /NDF: 1815.4/11

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -31.964 $\pm$ 1.436 χ^2 /NDF: 207.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 30.707 $\pm$ 1.598 χ^2 /NDF: 121.1/11

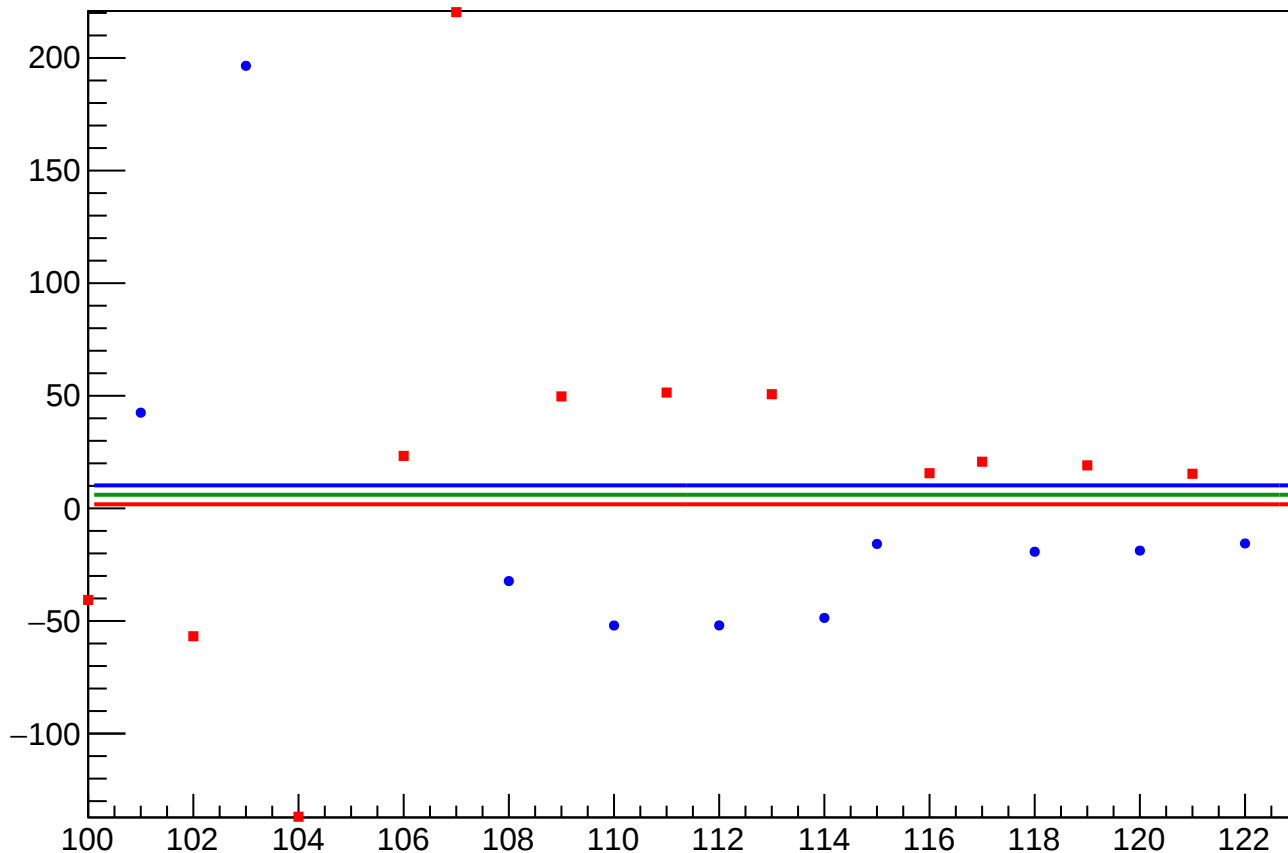
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-31.964 $\pm$ 1.436 χ^2 /NDF: 207.0/10

-3.977 $\pm$ 1.068 χ^2 /NDF: 1178.8/22

30.707 $\pm$ 1.598 χ^2 /NDF: 121.1/11

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.208+/-0.092 χ^2/NDF : 496653.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.804+/-0.093 χ^2/NDF : 524534.1/11

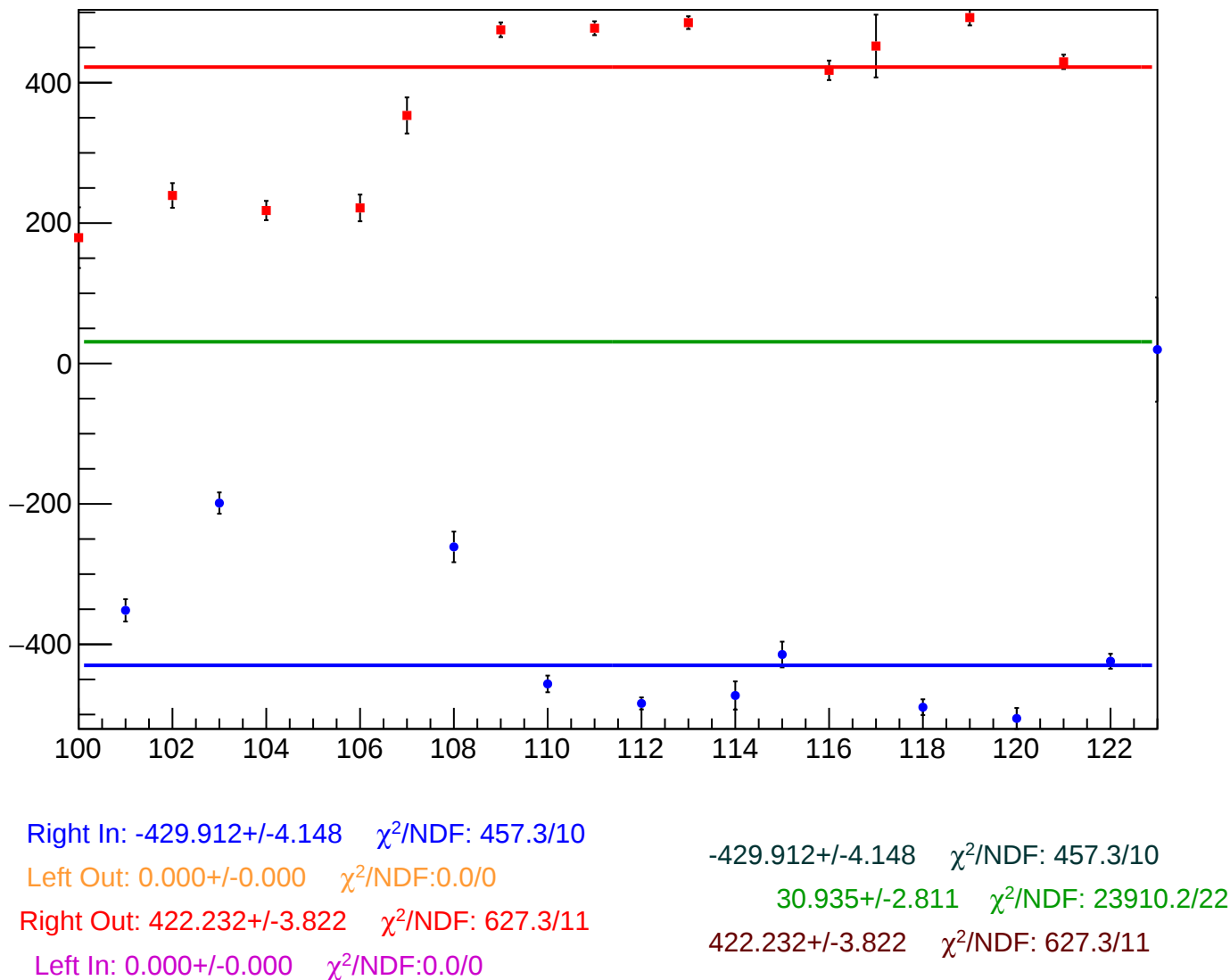
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.208+/-0.092 χ^2/NDF : 496653.2/10

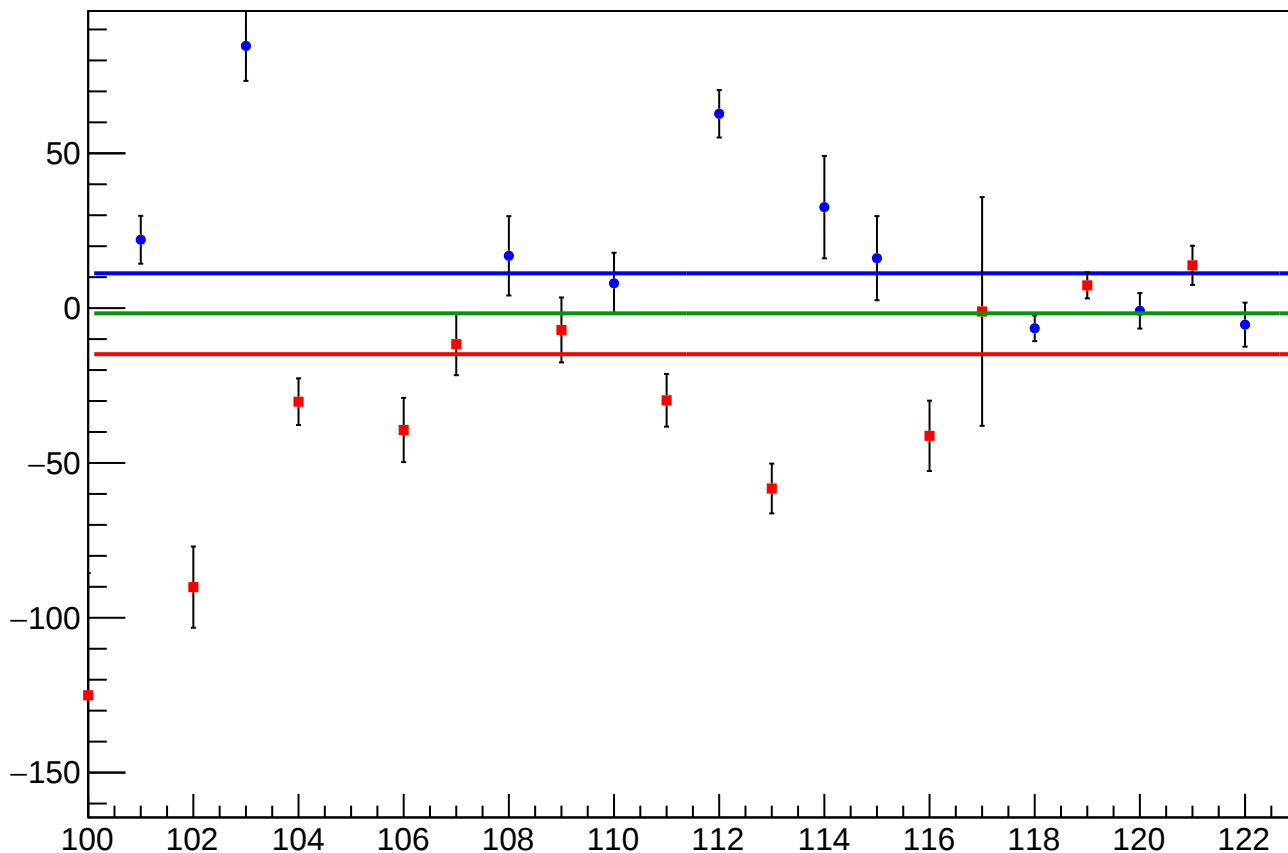
6.046+/-0.065 χ^2/NDF : 1025332.9/22

1.804+/-0.093 χ^2/NDF : 524534.1/11

reg_asym_atl2_diff_bpm4aX_slope vs Slug, Sign Corrected



reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.246+/-2.388 χ^2/NDF : 121.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.868+/-2.412 χ^2/NDF : 137.4/11

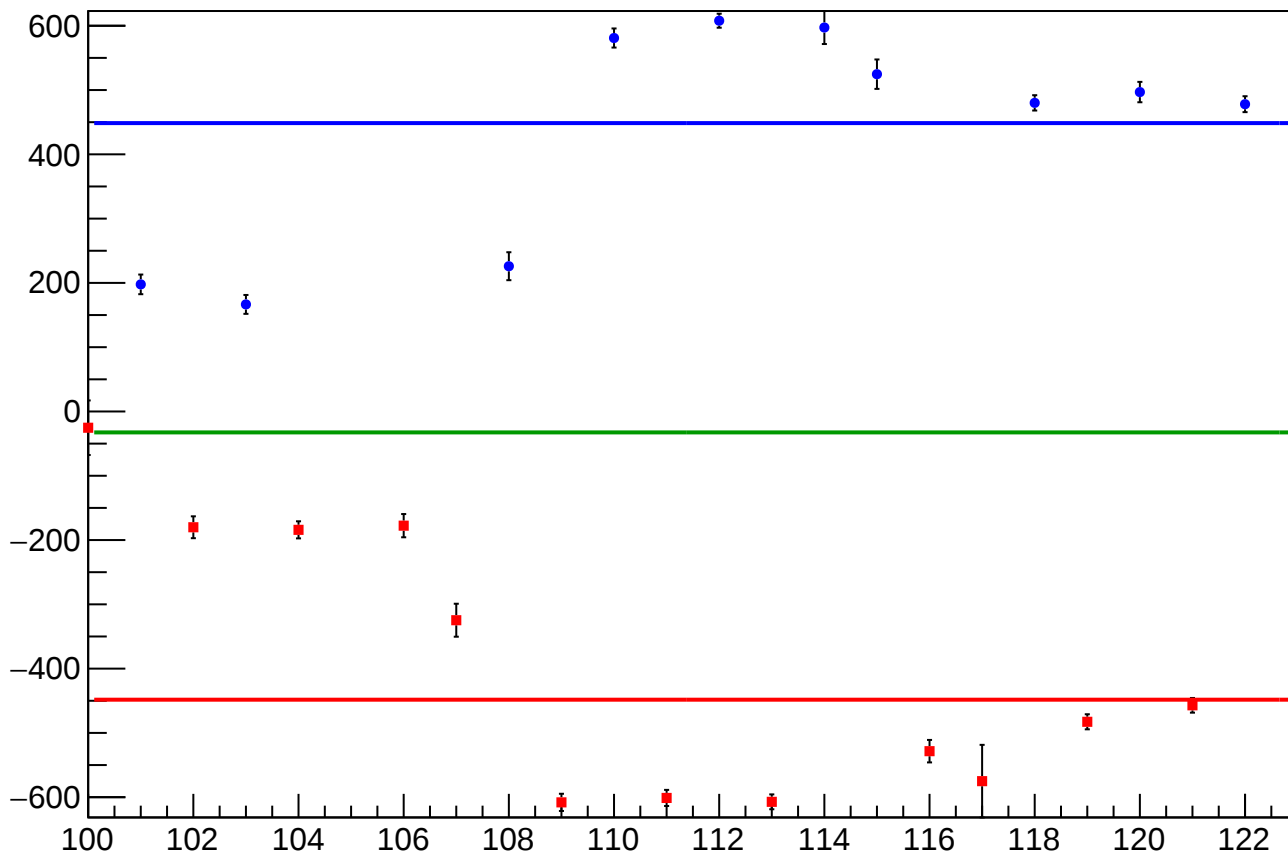
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11.246+/-2.388 χ^2/NDF : 121.1/10

-1.679+/-1.697 χ^2/NDF : 317.7/22

-14.868+/-2.412 χ^2/NDF : 137.4/11

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 448.577+/-4.708 χ^2/NDF : 1135.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -448.324+/-4.377 χ^2/NDF : 1506.0/11

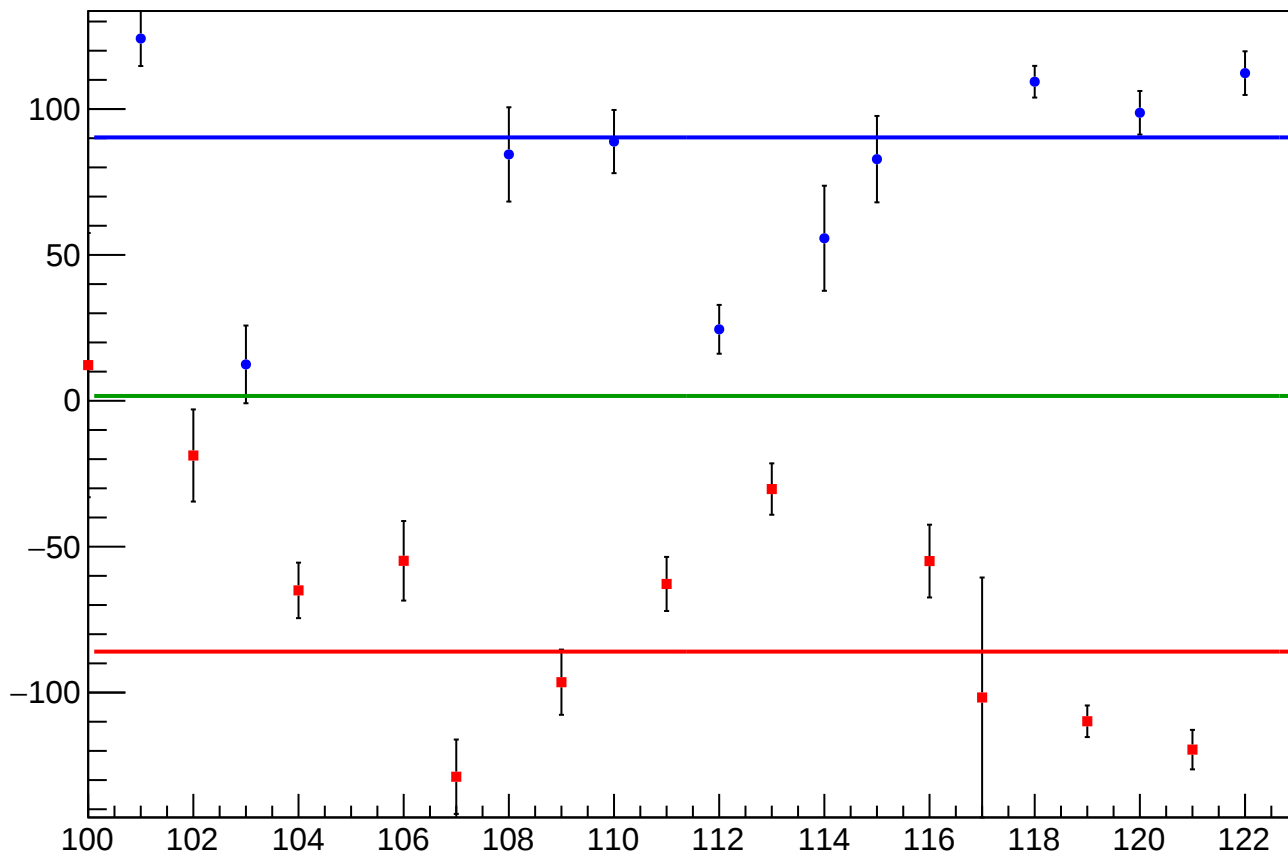
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

448.577+/-4.708 χ^2/NDF : 1135.0/10

-32.560+/-3.205 χ^2/NDF : 22109.1/22

-448.324+/-4.377 χ^2/NDF : 1506.0/11

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 90.282+/-2.872 χ^2 /NDF: 136.3/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -85.969+/-2.856 χ^2 /NDF: 141.8/11

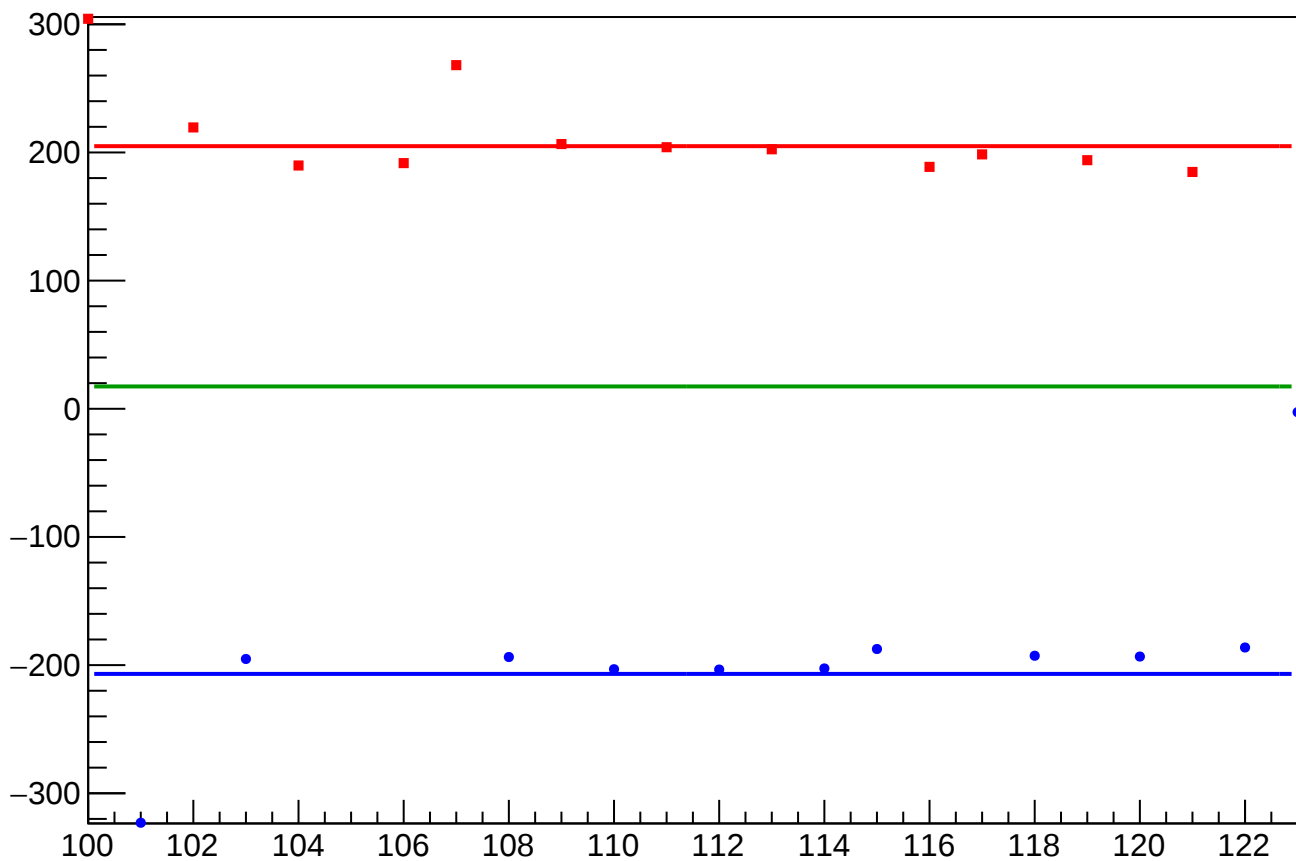
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

90.282+/-2.872 χ^2 /NDF: 136.3/10

1.662+/-2.025 χ^2 /NDF: 2171.5/22

-85.969+/-2.856 χ^2 /NDF: 141.8/11

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -206.857+/-0.171 χ^2/NDF : 52885.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 204.910+/-0.156 χ^2/NDF : 23133.7/11

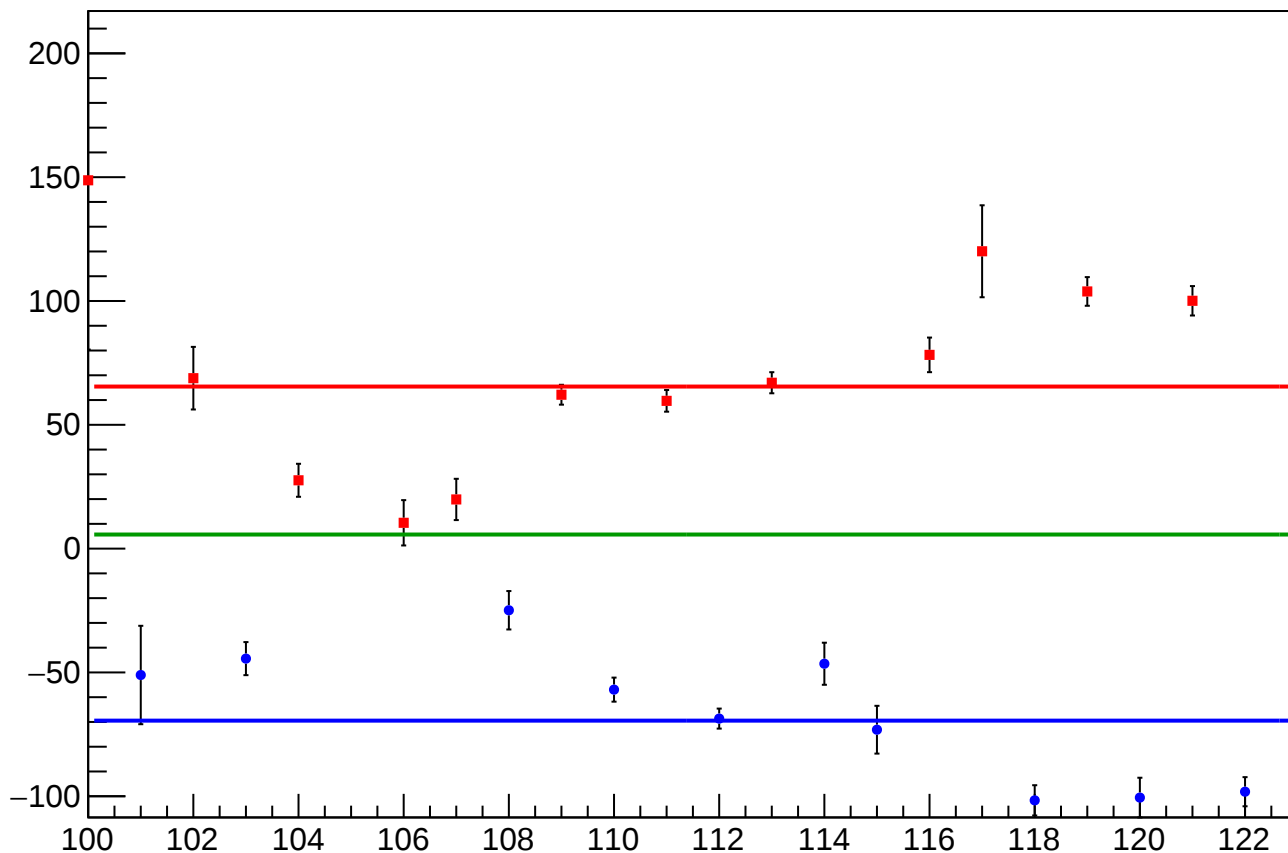
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-206.857+/-0.171 χ^2/NDF : 52885.7/10

17.432+/-0.115 χ^2/NDF : 3230093.0/22

204.910+/-0.156 χ^2/NDF : 23133.7/11

reg_asym_atr1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -69.466 $\pm$ 2.026 χ^2/NDF : 129.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 65.449 $\pm$ 1.807 χ^2/NDF : 192.4/11

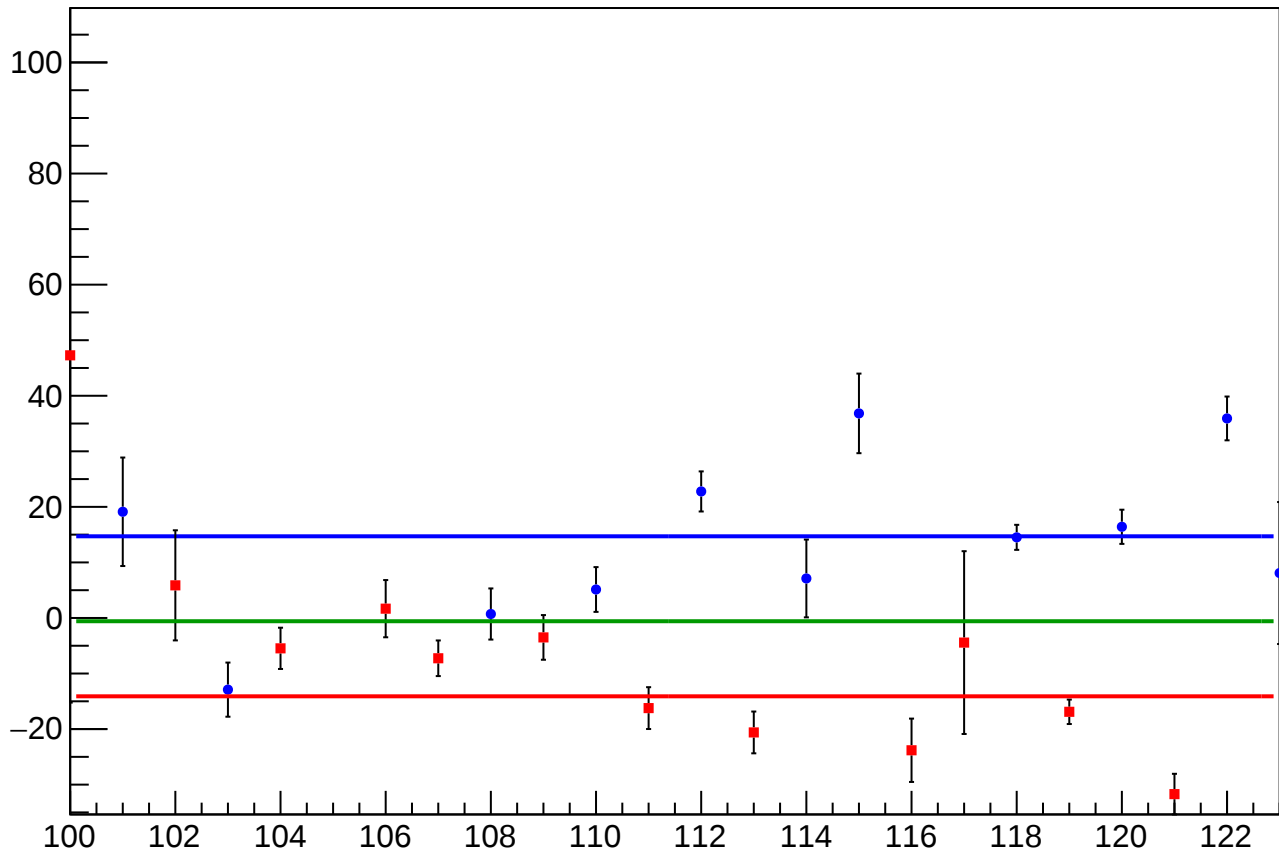
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-69.466 $\pm$ 2.026 χ^2/NDF : 129.1/10

5.693 $\pm$ 1.348 χ^2/NDF : 2791.5/22

65.449 $\pm$ 1.807 χ^2/NDF : 192.4/11

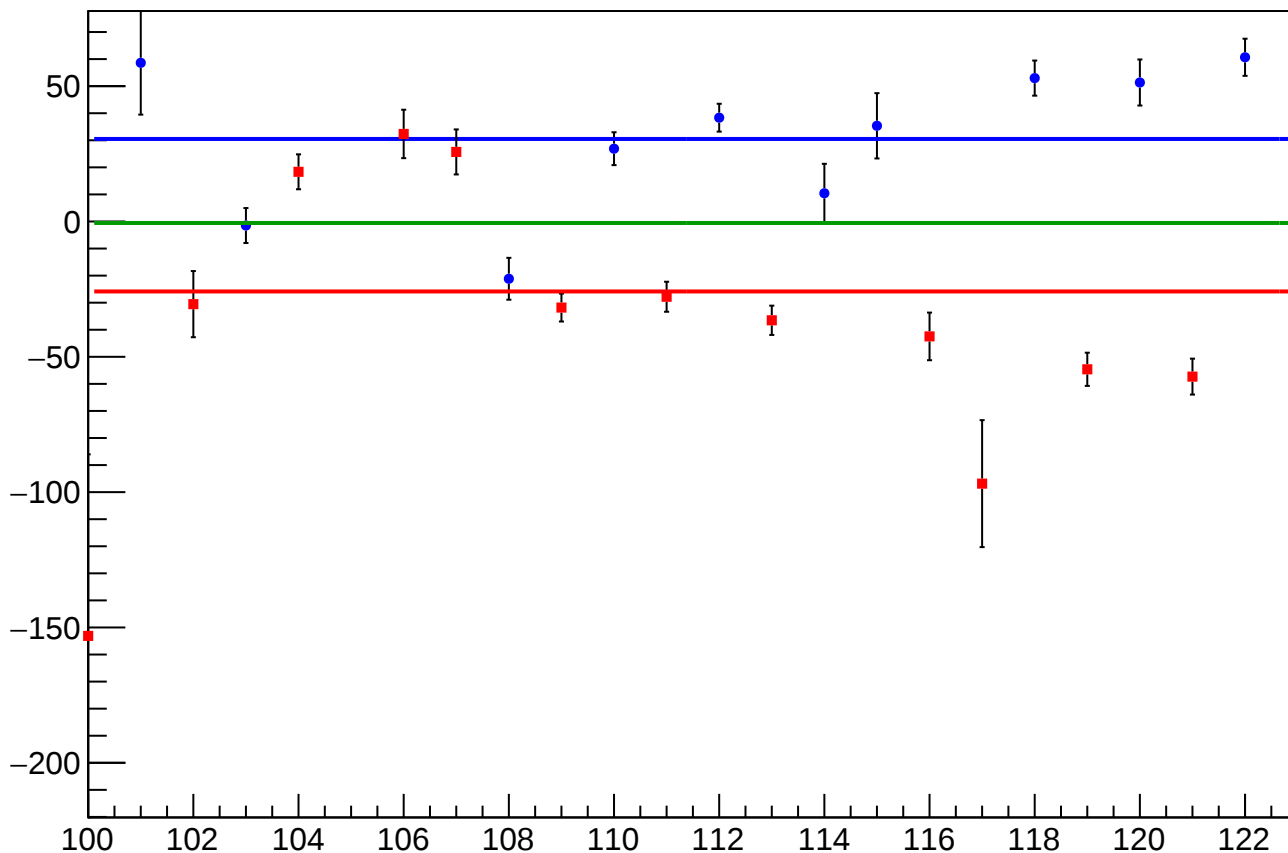
reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.702+/-1.239 χ^2/NDF : 92.5/10
 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

14.702+/-1.239 χ^2/NDF : 92.5/10
 -0.586+/-0.849 χ^2/NDF : 441.9/22
 -14.103+/-1.165 χ^2/NDF : 62.6/11

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 30.493 ± 2.329 χ^2/NDF : 115.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -25.853 ± 2.103 χ^2/NDF : 193.9/11

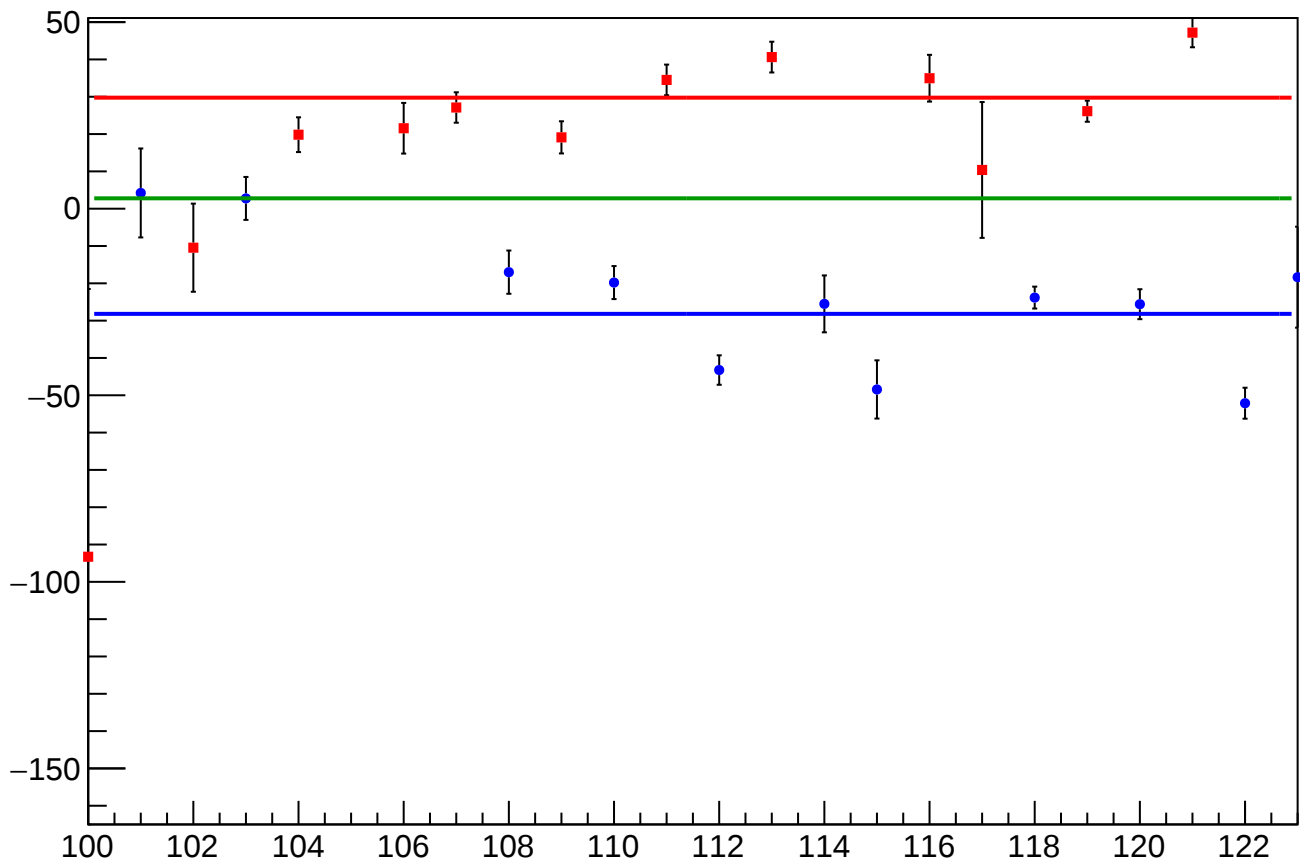
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

30.493 ± 2.329 χ^2/NDF : 115.3/10

-0.551 ± 1.561 χ^2/NDF : 631.7/22

-25.853 ± 2.103 χ^2/NDF : 193.9/11

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -28.184 $\pm$ 1.478 χ^2 /NDF: 101.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 29.755 $\pm$ 1.380 χ^2 /NDF: 58.5/11

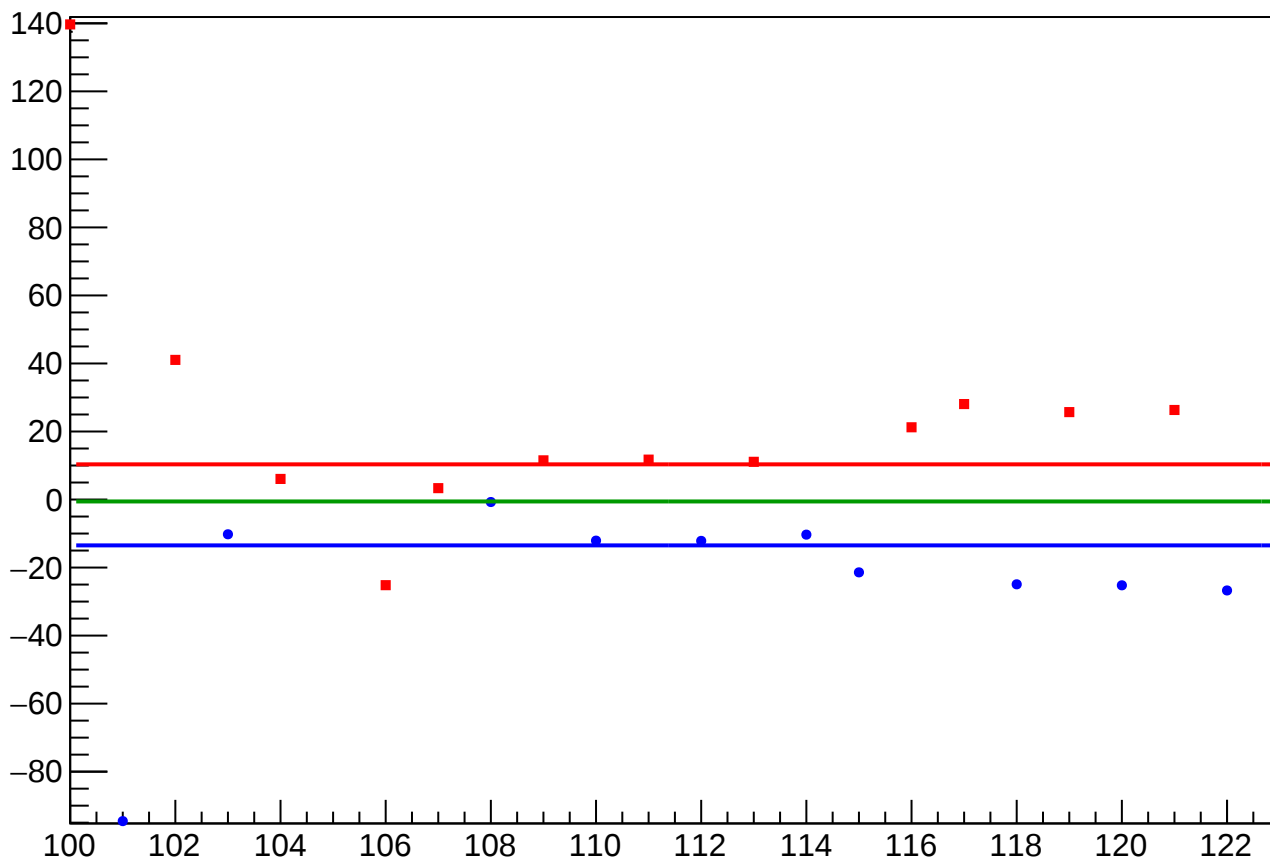
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-28.184 $\pm$ 1.478 χ^2 /NDF: 101.5/10

2.779 $\pm$ 1.009 χ^2 /NDF: 981.1/22

29.755 $\pm$ 1.380 χ^2 /NDF: 58.5/11

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -13.481+/-0.081 χ^2/NDF : 25164.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.343+/-0.074 χ^2/NDF : 47014.9/11

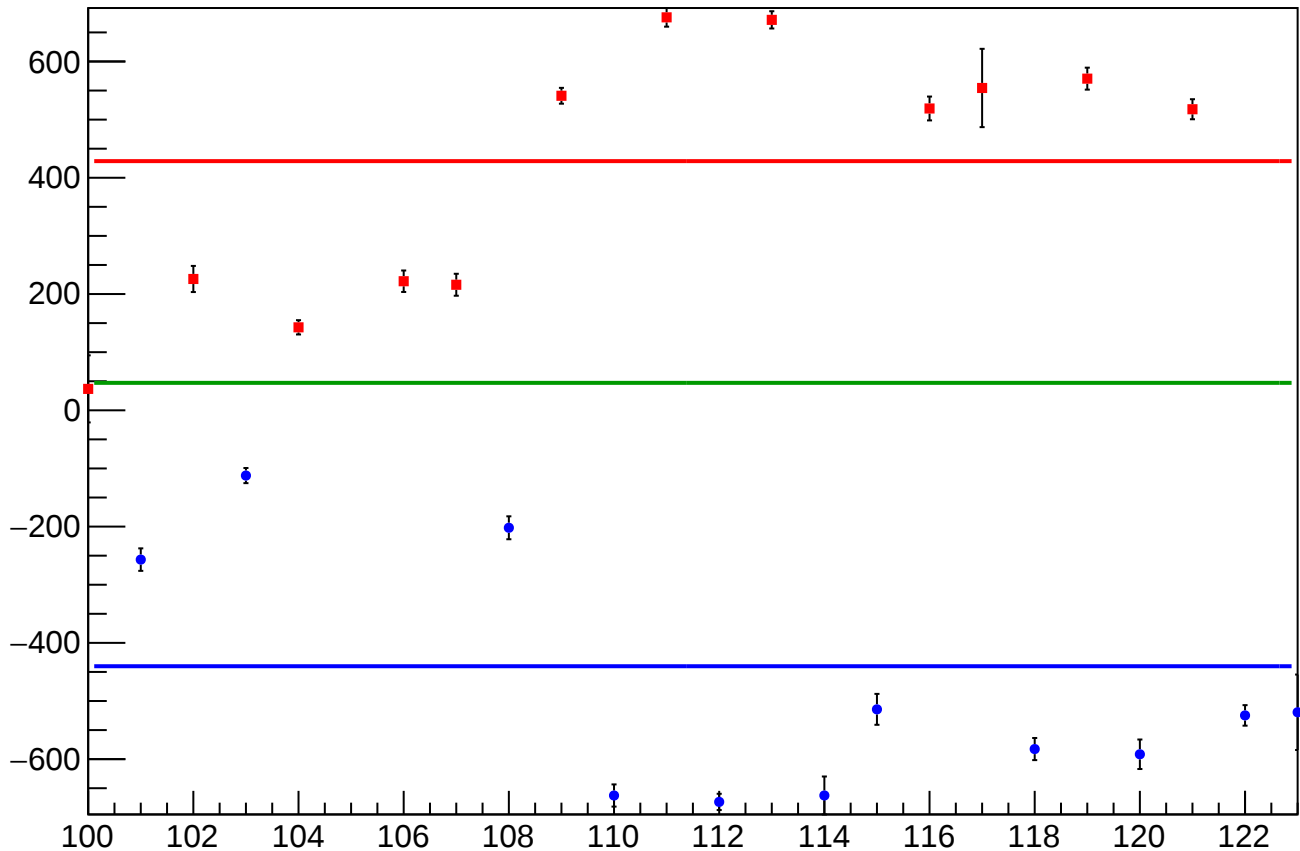
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-13.481+/-0.081 χ^2/NDF : 25164.1/10

-0.565+/-0.055 χ^2/NDF : 119412.8/22

10.343+/-0.074 χ^2/NDF : 47014.9/11

reg_asym_atr2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -440.183+/-5.860 χ^2/NDF : 1455.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 428.609+/-5.183 χ^2/NDF : 1600.3/11

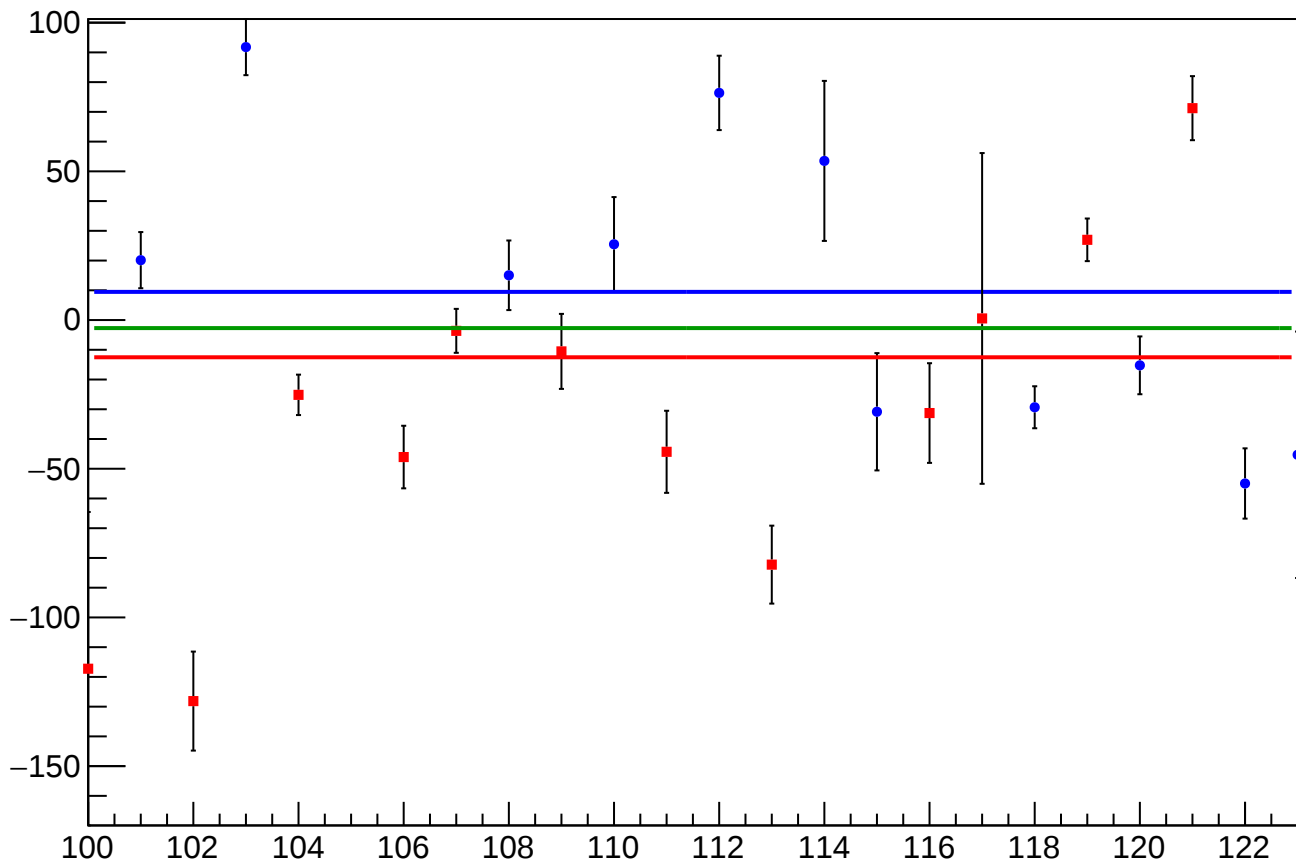
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-440.183+/-5.860 χ^2/NDF : 1455.2/10

47.242+/-3.882 χ^2/NDF : 15389.4/22

428.609+/-5.183 χ^2/NDF : 1600.3/11

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.471+/-3.483 χ^2/NDF : 182.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.521+/-3.126 χ^2/NDF : 193.1/11

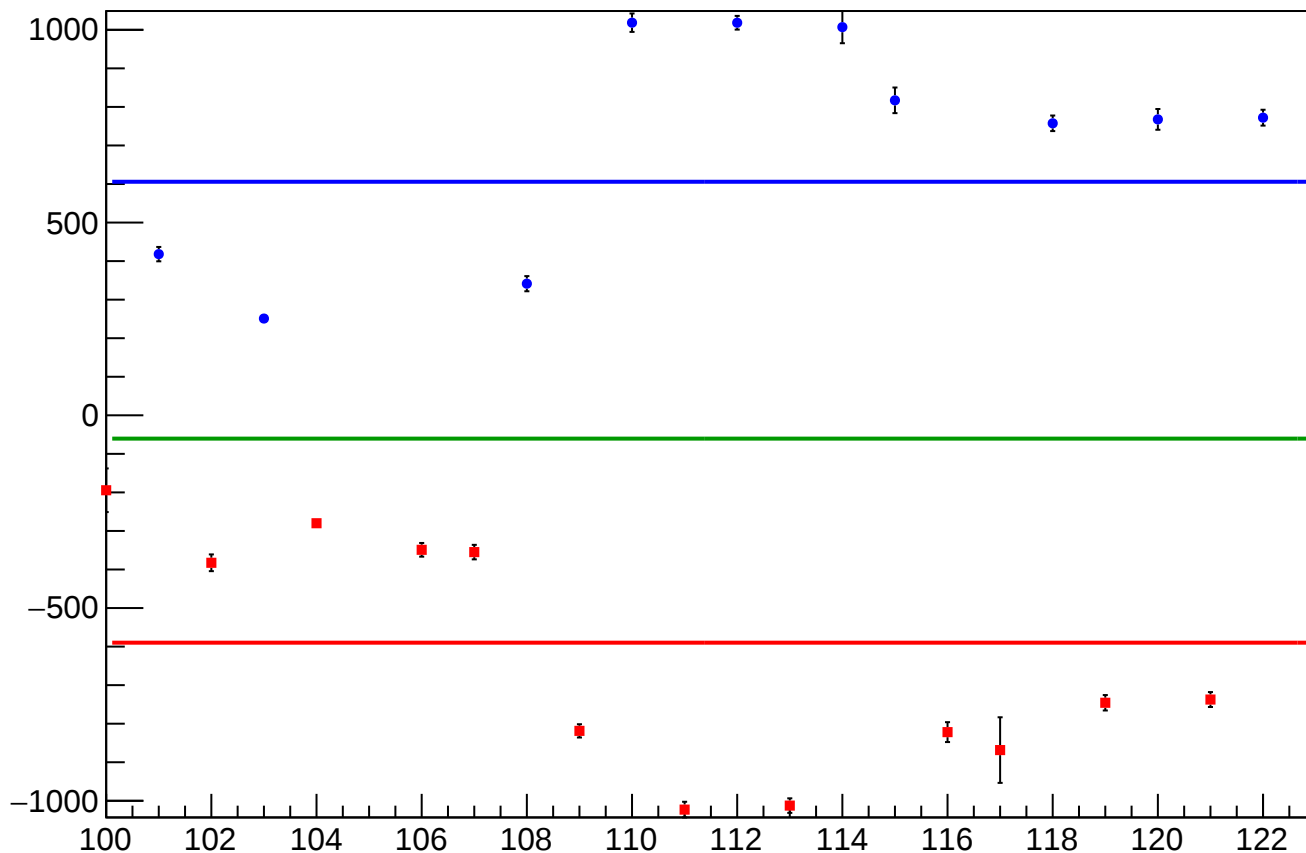
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.471+/-3.483 χ^2/NDF : 182.1/10

-2.708+/-2.327 χ^2/NDF : 397.3/22

-12.521+/-3.126 χ^2/NDF : 193.1/11

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 605.851+/-6.384 χ^2/NDF : 2207.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -589.833+/-5.690 χ^2/NDF : 2499.3/11

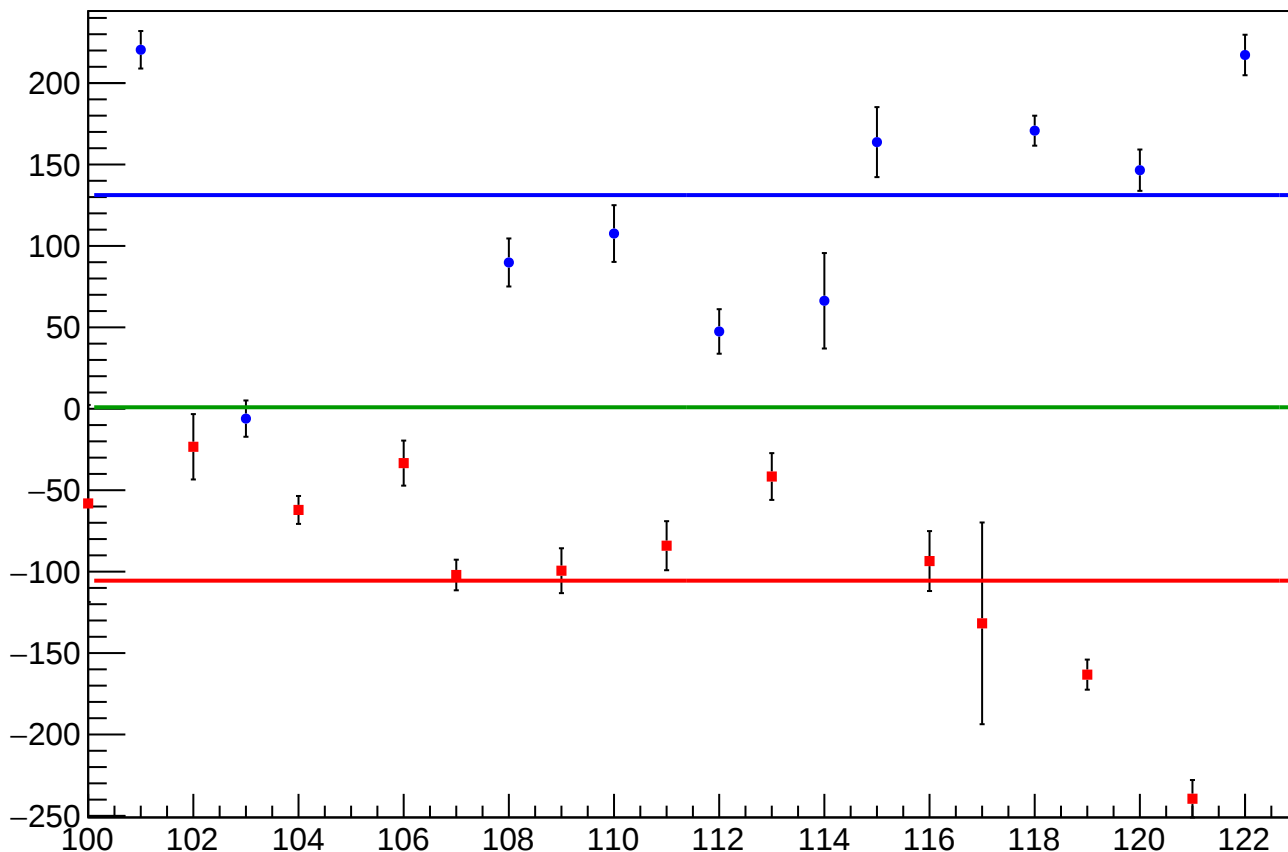
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

605.851+/-6.384 χ^2/NDF : 2207.5/10

-60.472+/-4.248 χ^2/NDF : 24254.2/22

-589.833+/-5.690 χ^2/NDF : 2499.3/11

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 131.215+/-4.183 χ^2/NDF : 336.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -105.542+/-3.782 χ^2/NDF : 267.9/11

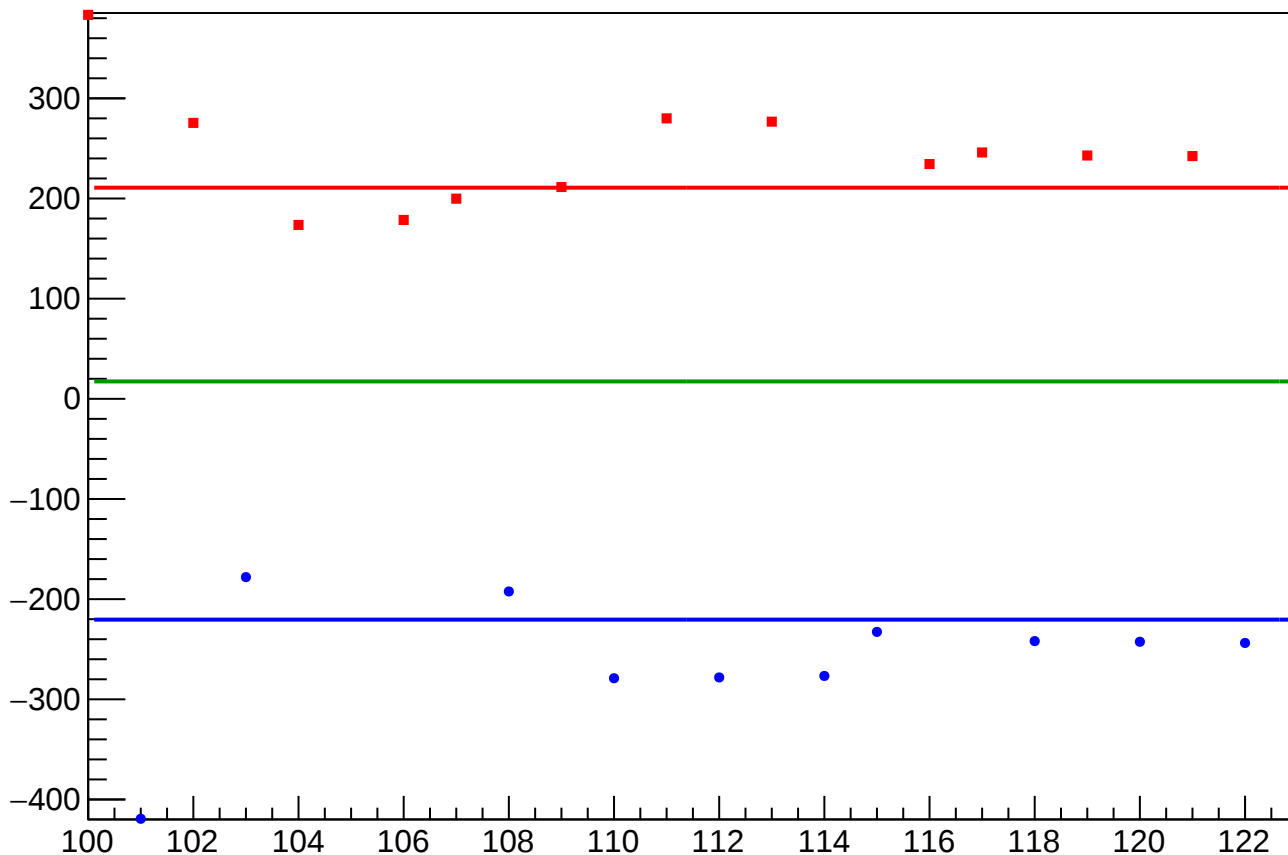
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

131.215+/-4.183 χ^2/NDF : 336.3/10

0.932+/-2.805 χ^2/NDF : 2366.8/22

-105.542+/-3.782 χ^2/NDF : 267.9/11

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -220.449+/-0.195 χ^2/NDF : 124625.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 210.811+/-0.176 χ^2/NDF : 59435.5/11

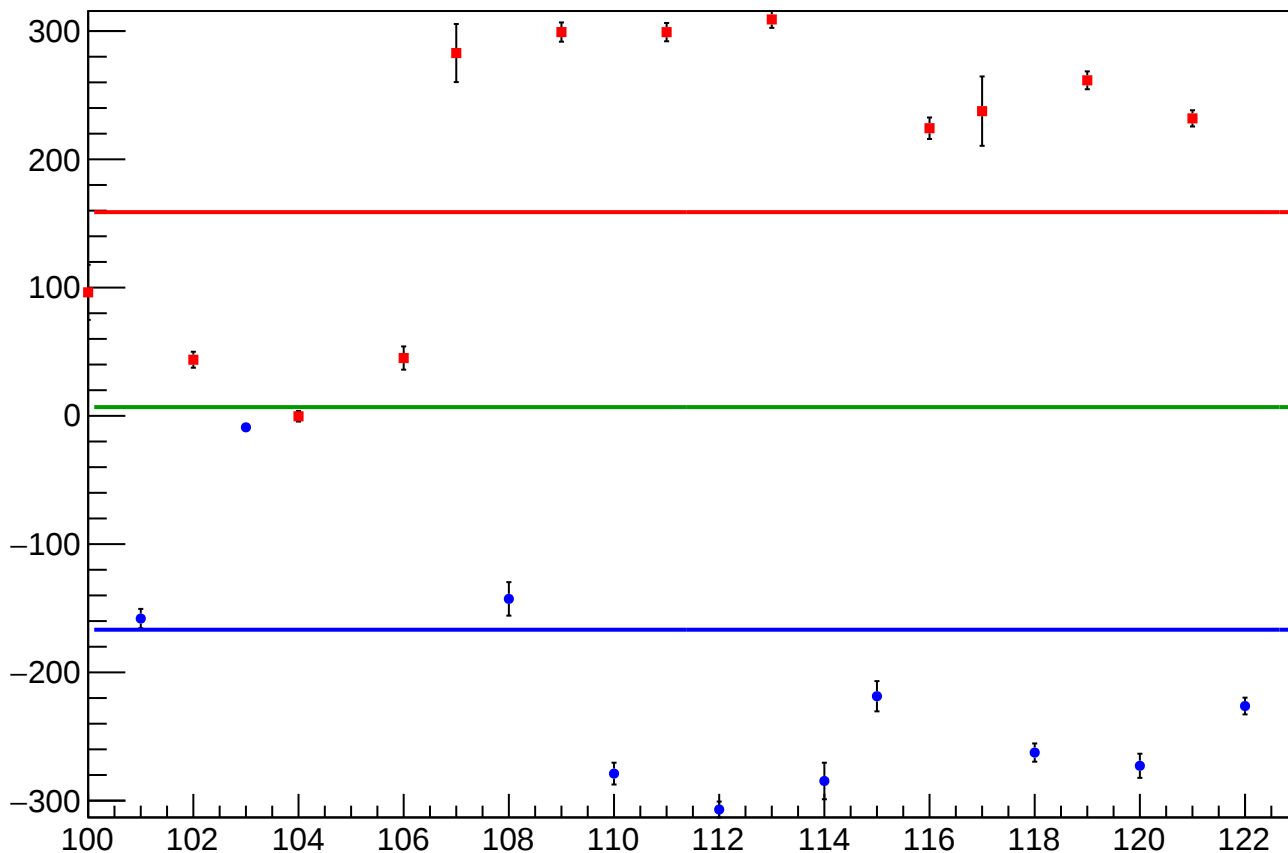
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-220.449+/-0.195 χ^2/NDF : 124625.5/10

17.367+/-0.131 χ^2/NDF : 2882758.6/22

210.811+/-0.176 χ^2/NDF : 59435.5/11

reg_asym_atl_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -166.732 $\pm$ 2.261 χ^2 /NDF: 2804.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 158.824 $\pm$ 2.116 χ^2 /NDF: 3725.4/11

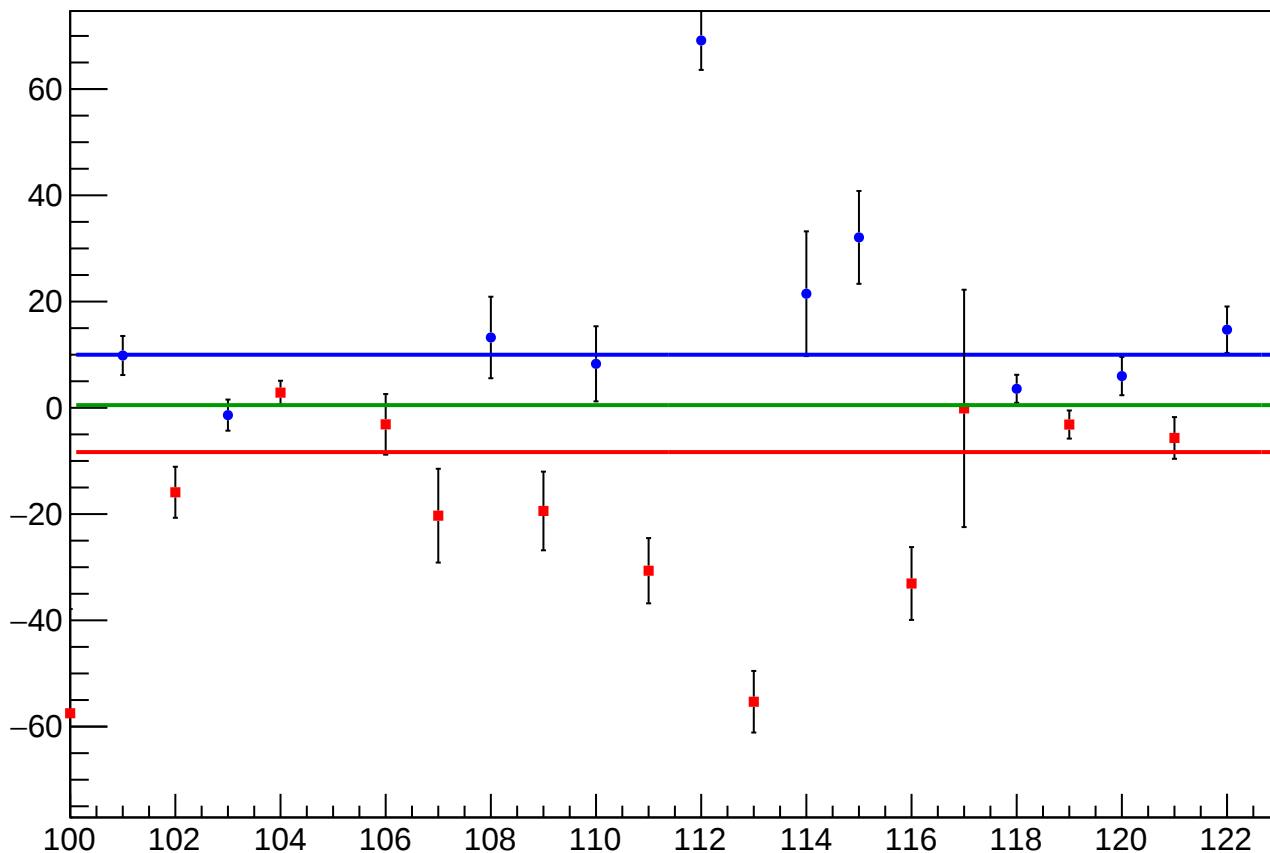
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-166.732 $\pm$ 2.261 χ^2 /NDF: 2804.1/10

6.821 $\pm$ 1.545 χ^2 /NDF: 17581.0/22

158.824 $\pm$ 2.116 χ^2 /NDF: 3725.4/11

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.995+/-1.343 χ^2/NDF : 144.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.331+/-1.297 χ^2/NDF : 135.1/11

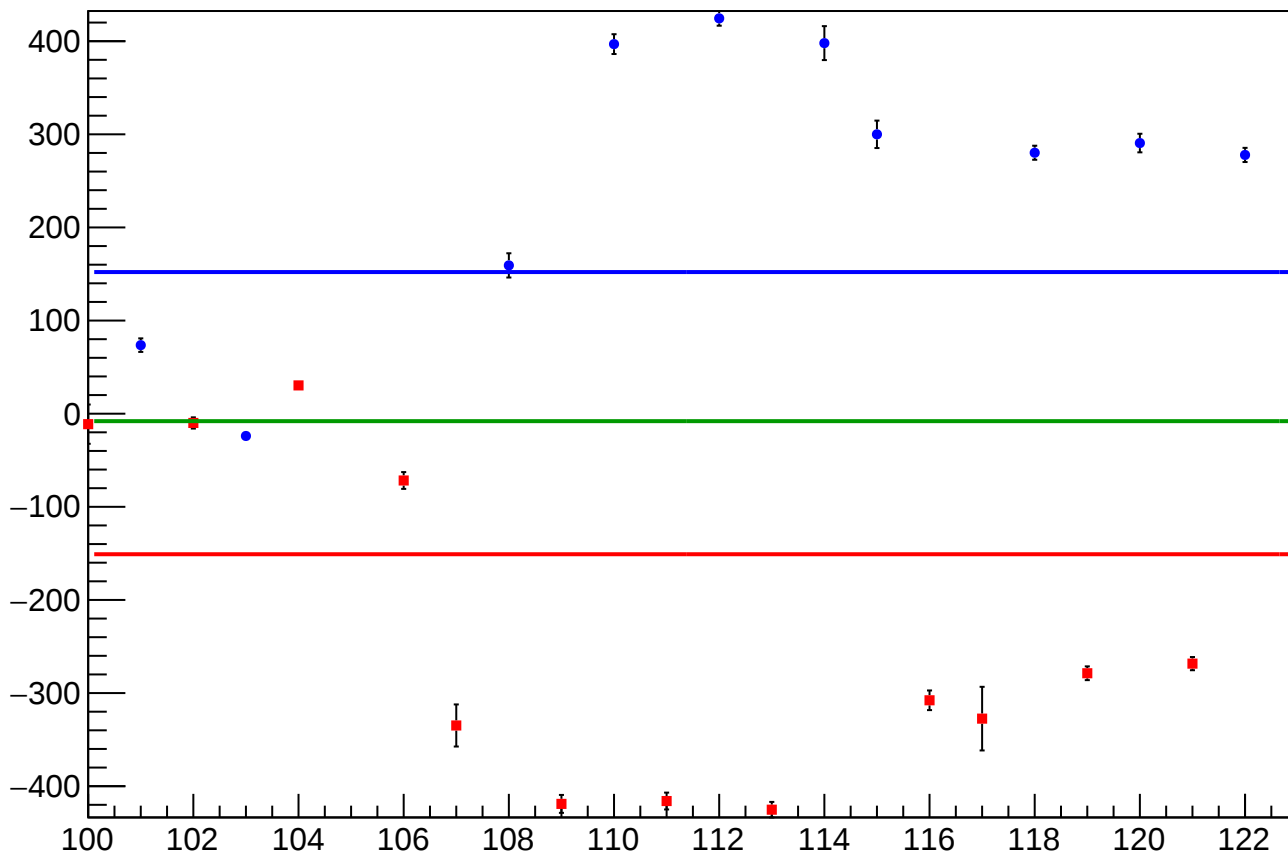
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.995+/-1.343 χ^2/NDF : 144.8/10

0.507+/-0.933 χ^2/NDF : 376.3/22

-8.331+/-1.297 χ^2/NDF : 135.1/11

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 152.090 $\pm$ 2.409 χ^2 /NDF: 5045.9/10

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

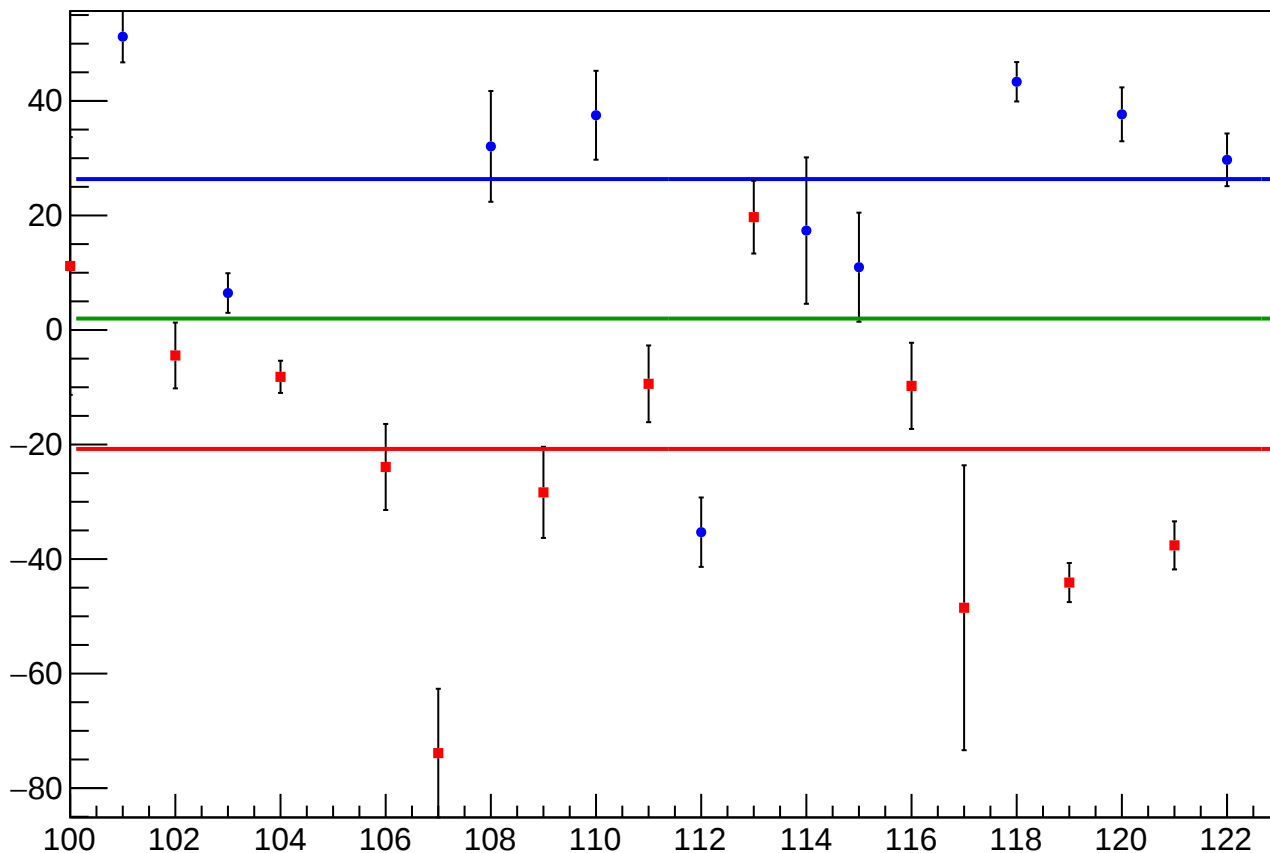
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

152.090 $\pm$ 2.409 χ^2 /NDF: 5045.9/10

-8.013 $\pm$ 1.655 χ^2 /NDF: 19761.2/22

-150.919 $\pm$ 2.276 χ^2 /NDF: 6357.8/11

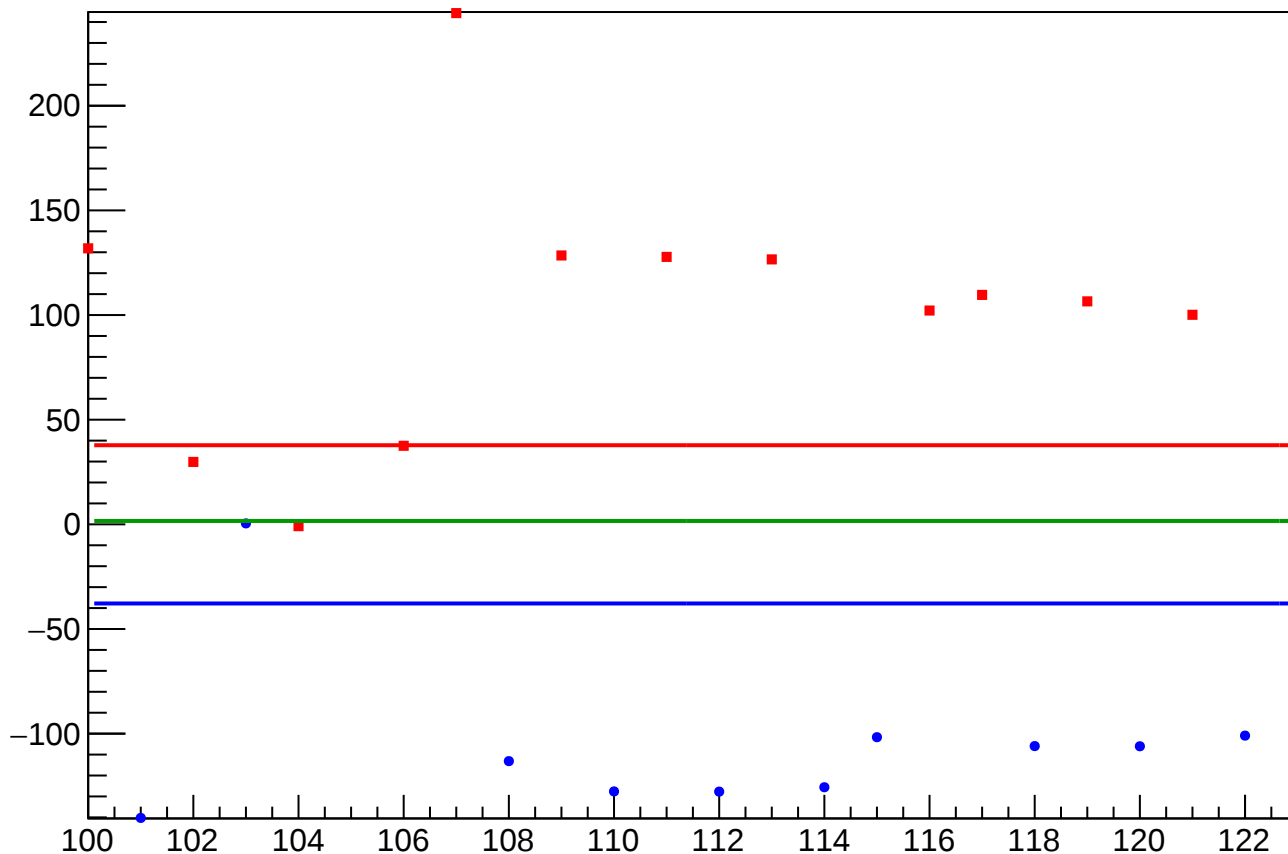
reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 26.354+/-1.617 χ^2 /NDF: 204.5/10
 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

26.354+/-1.617 χ^2 /NDF: 204.5/10
 1.997+/-1.124 χ^2 /NDF: 806.9/22
 -20.769+/-1.563 χ^2 /NDF: 163.3/11

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -37.803 ± 0.070 $\chi^2/\text{NDF}: 643925.2/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 37.802 ± 0.067 $\chi^2/\text{NDF}: 586443.2/11$

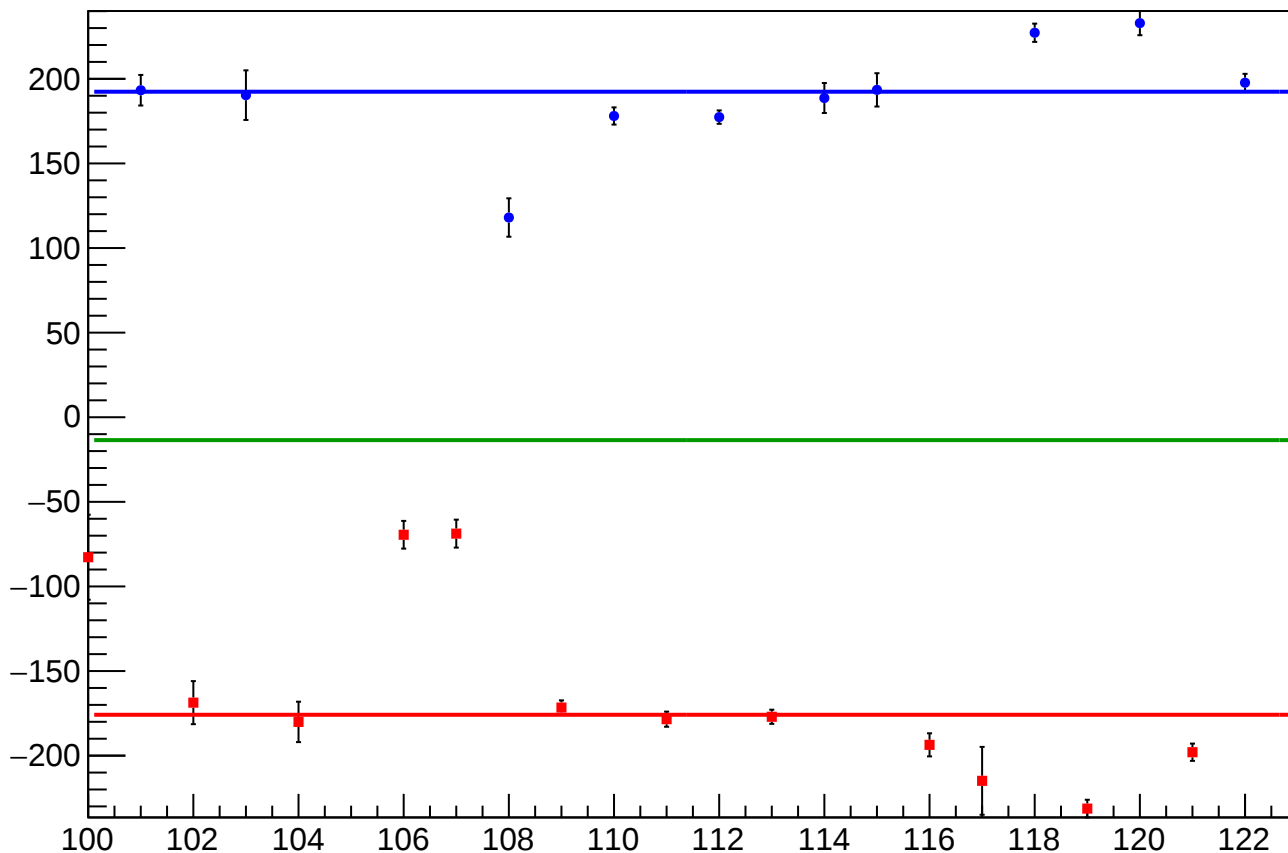
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-37.803 ± 0.070 $\chi^2/\text{NDF}: 643925.2/10$

1.616 ± 0.048 $\chi^2/\text{NDF}: 1842788.3/22$

37.802 ± 0.067 $\chi^2/\text{NDF}: 586443.2/11$

reg_asym_atl_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 192.385 ± 2.038 χ^2/NDF : 155.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -175.844 ± 1.809 χ^2/NDF : 494.1/11

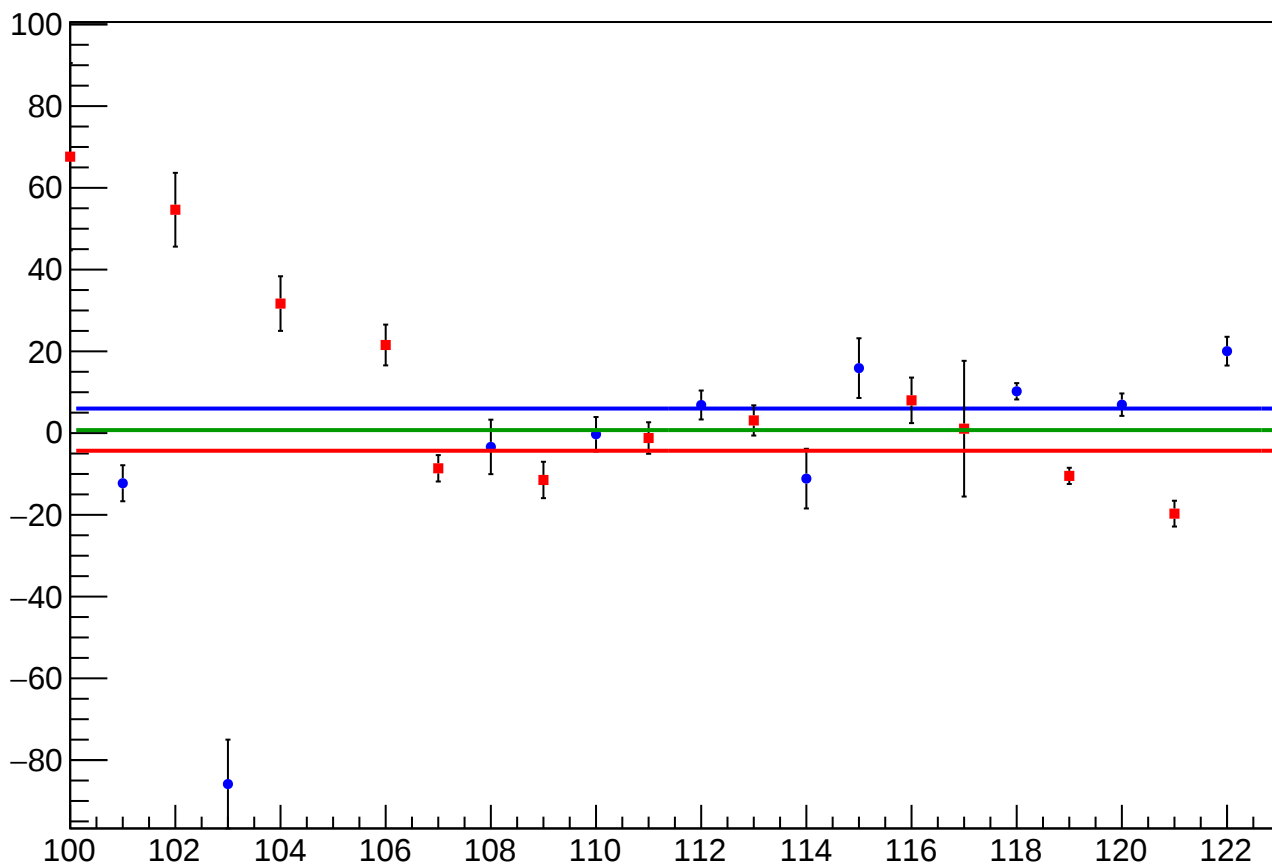
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

192.385 ± 2.038 χ^2/NDF : 155.0/10

-13.521 ± 1.353 χ^2/NDF : 18907.6/22

-175.844 ± 1.809 χ^2/NDF : 494.1/11

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.006+/-1.178 χ^2/NDF : 122.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.317+/-1.152 χ^2/NDF : 155.8/11

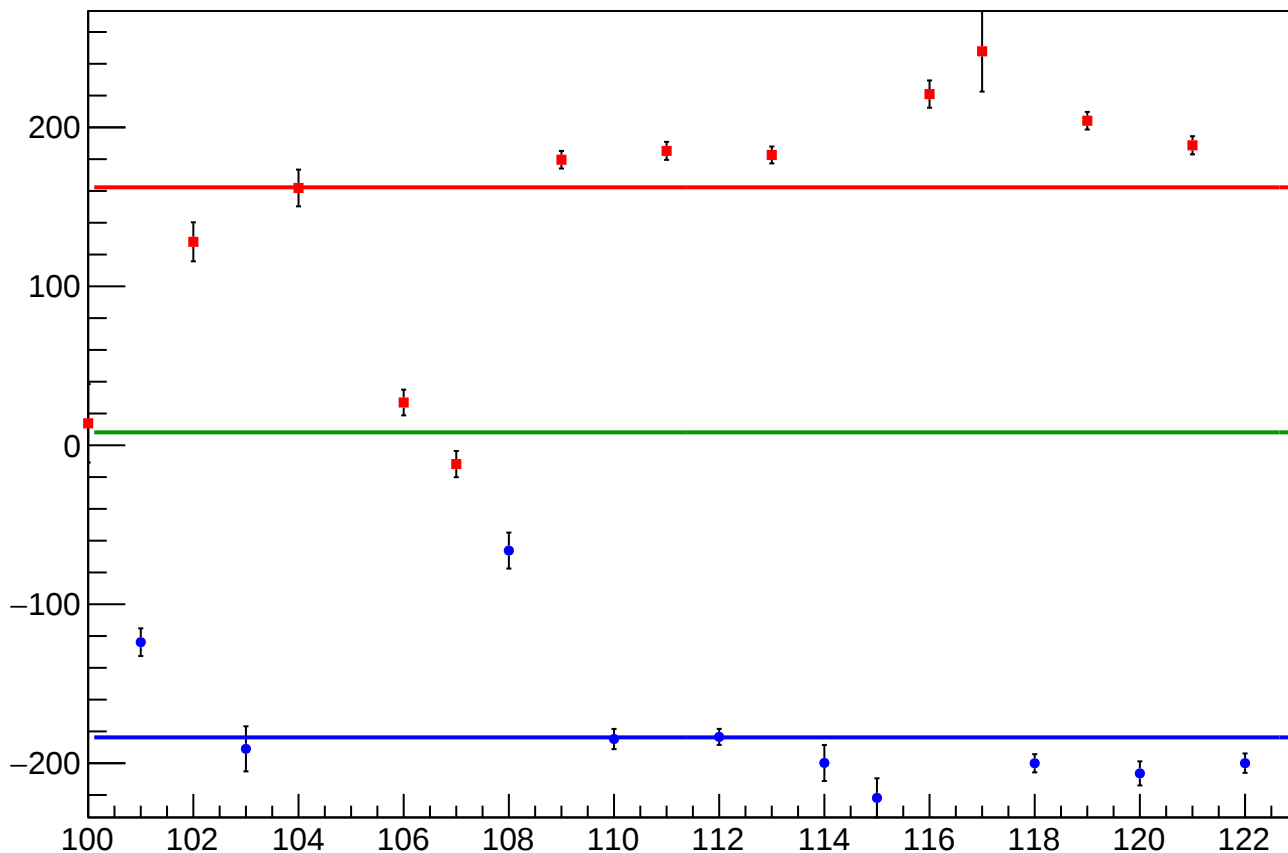
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.006+/-1.178 χ^2/NDF : 122.7/10

0.733+/-0.824 χ^2/NDF : 317.7/22

-4.317+/-1.152 χ^2/NDF : 155.8/11

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -183.749 ± 2.362 χ^2/NDF : 201.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 162.279 ± 2.117 χ^2/NDF : 947.5/11

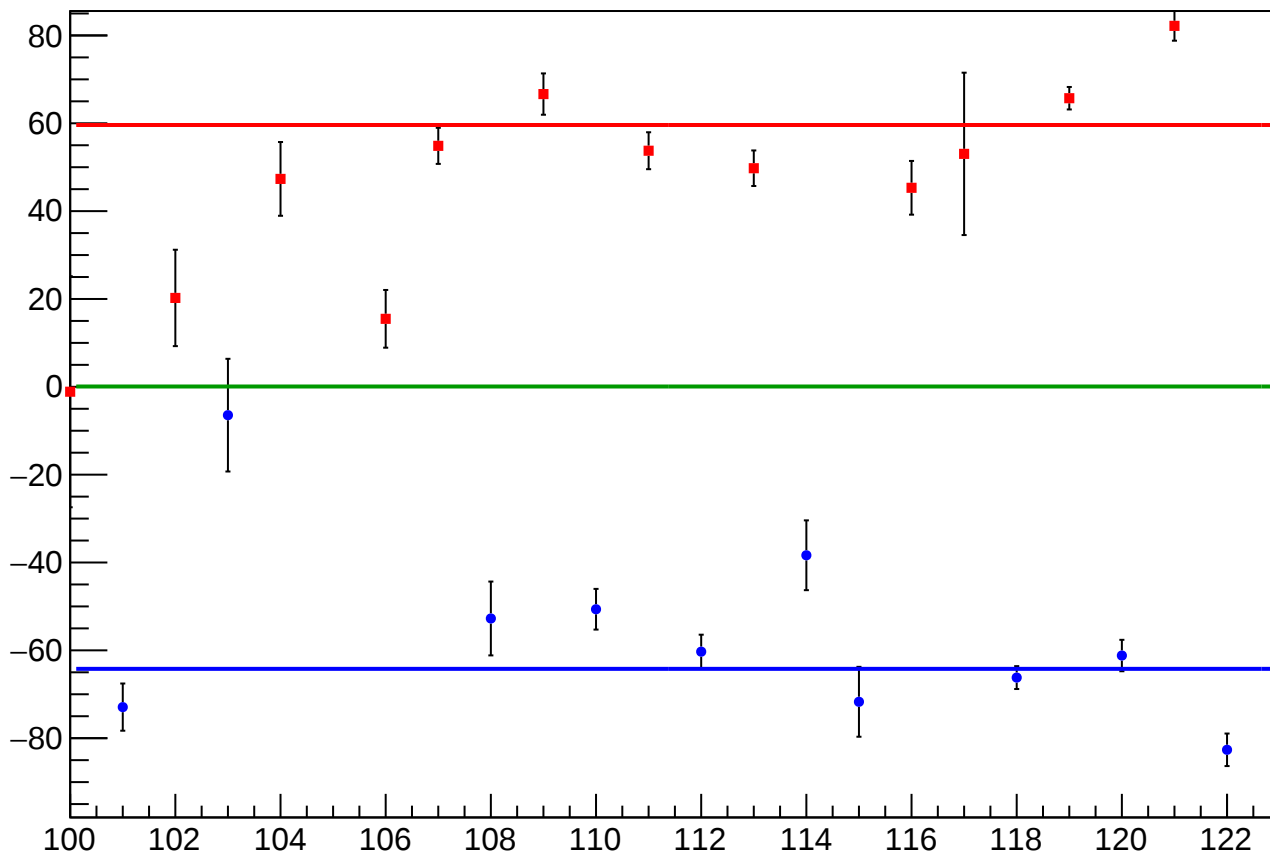
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-183.749 ± 2.362 χ^2/NDF : 201.7/10

8.134 ± 1.576 χ^2/NDF : 13052.6/22

162.279 ± 2.117 χ^2/NDF : 947.5/11

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -64.214 $\pm$ 1.415 χ^2 /NDF: 72.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 59.612 $\pm$ 1.362 χ^2 /NDF: 132.8/11

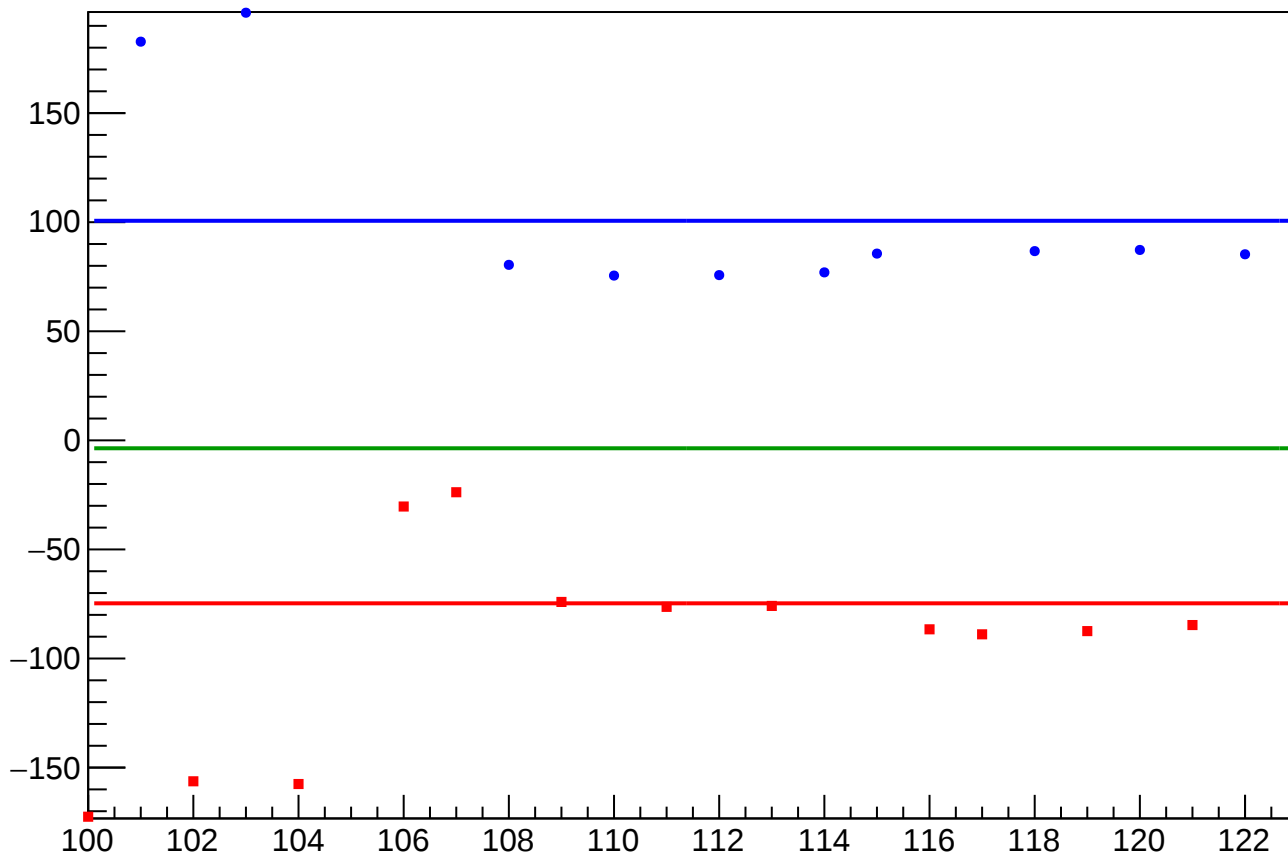
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-64.214 $\pm$ 1.415 χ^2 /NDF: 72.0/10

0.072 $\pm$ 0.981 χ^2 /NDF: 4179.0/22

59.612 $\pm$ 1.362 χ^2 /NDF: 132.8/11

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 100.645+/-0.094 χ^2/NDF : 194927.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -74.706+/-0.078 χ^2/NDF : 301683.4/11

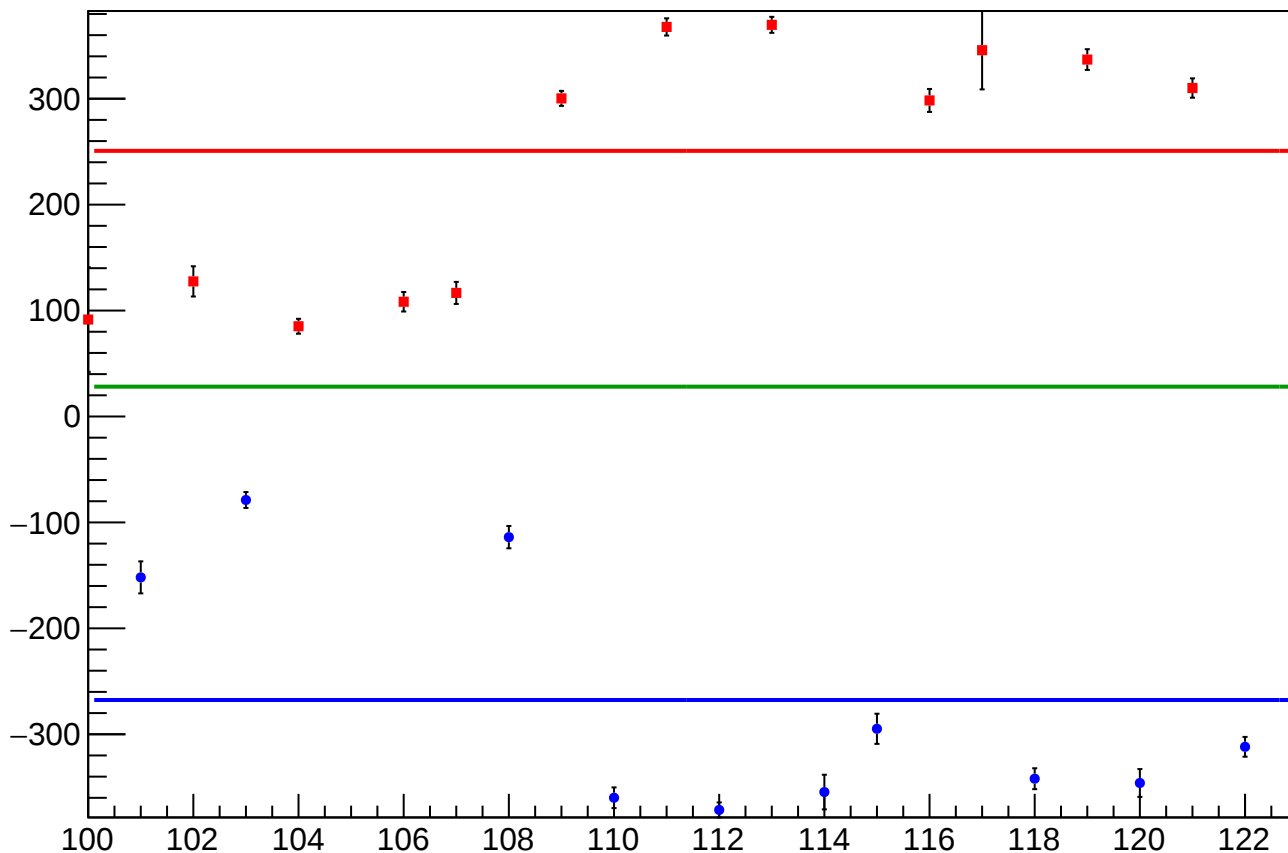
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

100.645+/-0.094 χ^2/NDF : 194927.8/10

-3.634+/-0.060 χ^2/NDF : 2571200.7/22

-74.706+/-0.078 χ^2/NDF : 301683.4/11

reg_asym_atr_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -267.645+/-3.187 χ^2 /NDF: 1353.7/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 250.756+/-2.764 χ^2 /NDF: 1694.8/11

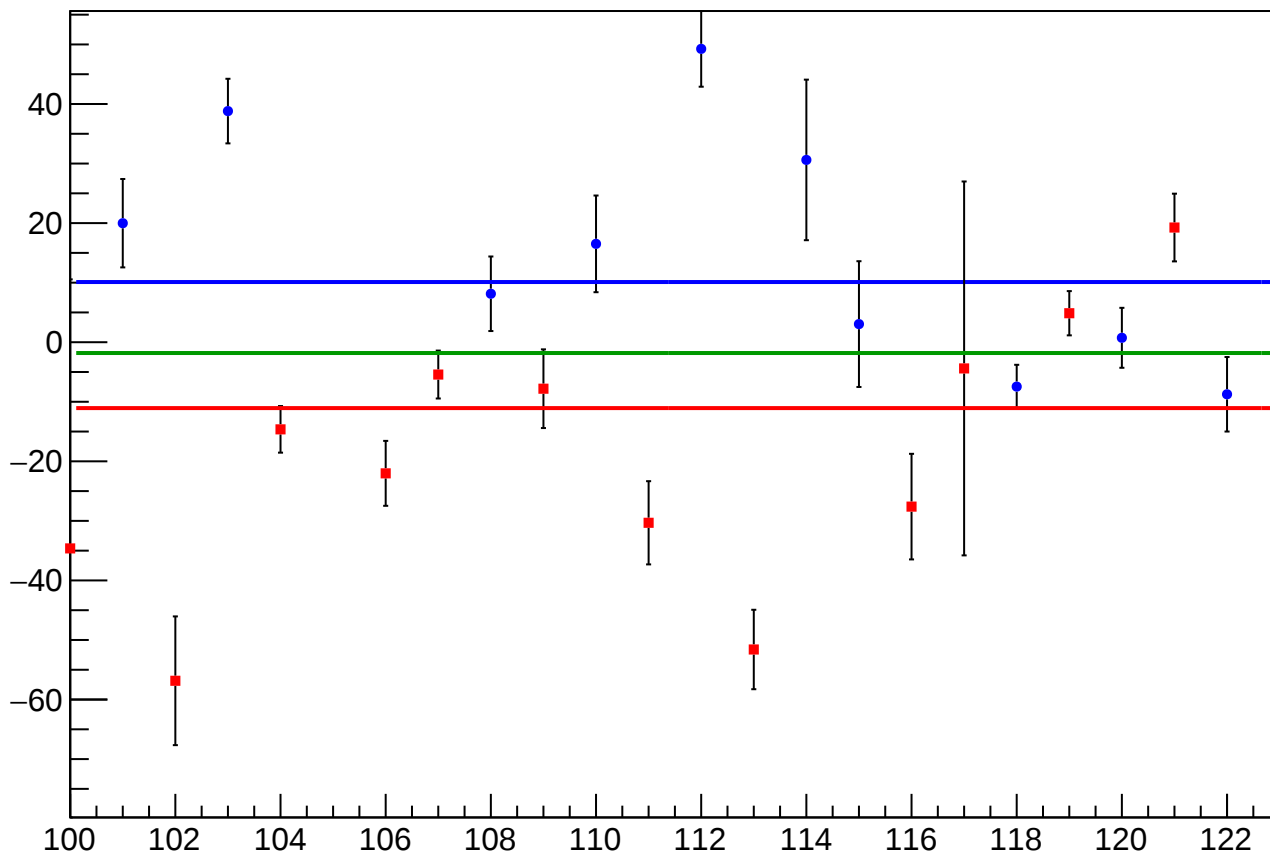
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-267.645+/-3.187 χ^2 /NDF: 1353.7/10

28.175+/-2.088 χ^2 /NDF: 18147.2/22

250.756+/-2.764 χ^2 /NDF: 1694.8/11

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.106+/-1.911 χ^2/NDF : 108.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.062+/-1.683 χ^2/NDF : 120.2/11

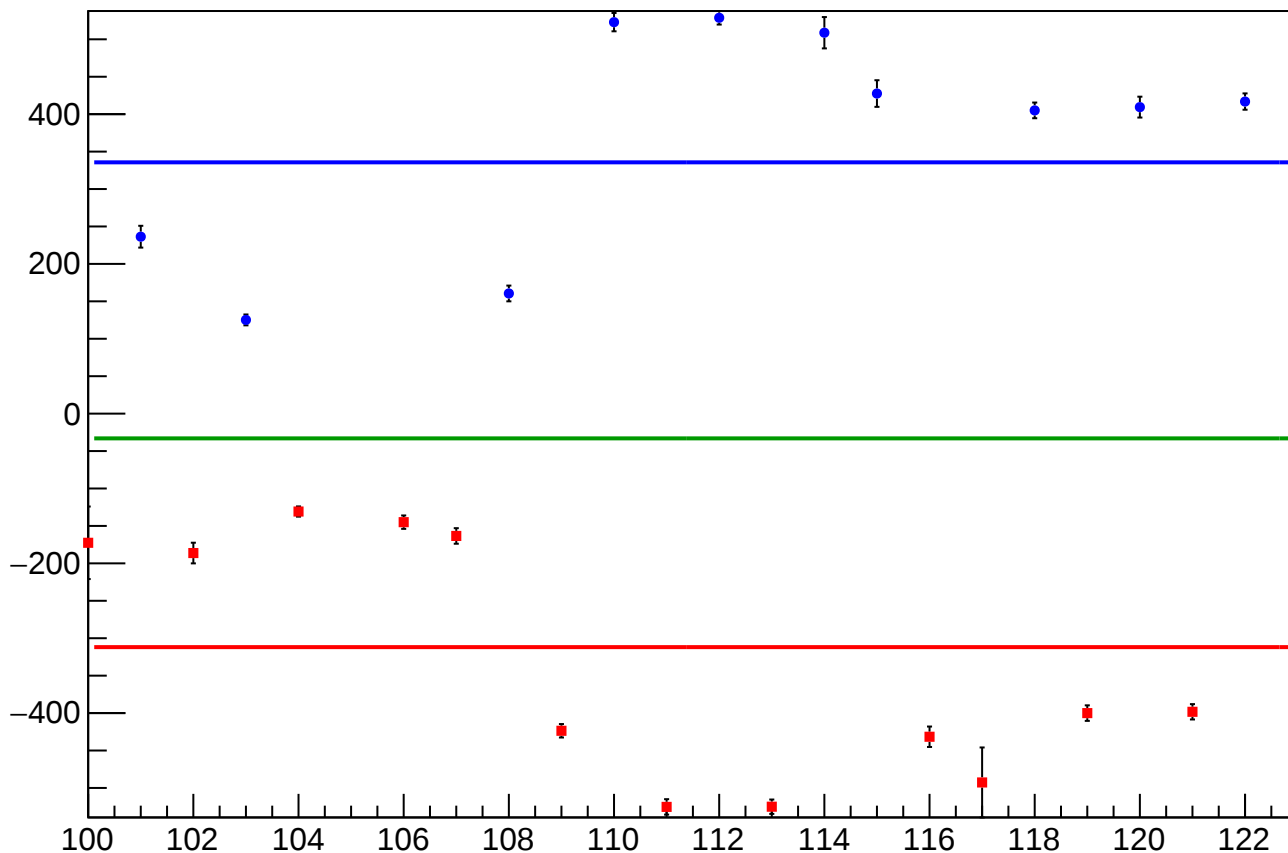
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.106+/-1.911 χ^2/NDF : 108.5/10

-1.814+/-1.263 χ^2/NDF : 297.8/22

-11.062+/-1.683 χ^2/NDF : 120.2/11

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 335.654+/-3.526 χ^2/NDF : 2080.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -311.895+/-3.067 χ^2/NDF : 2663.7/11

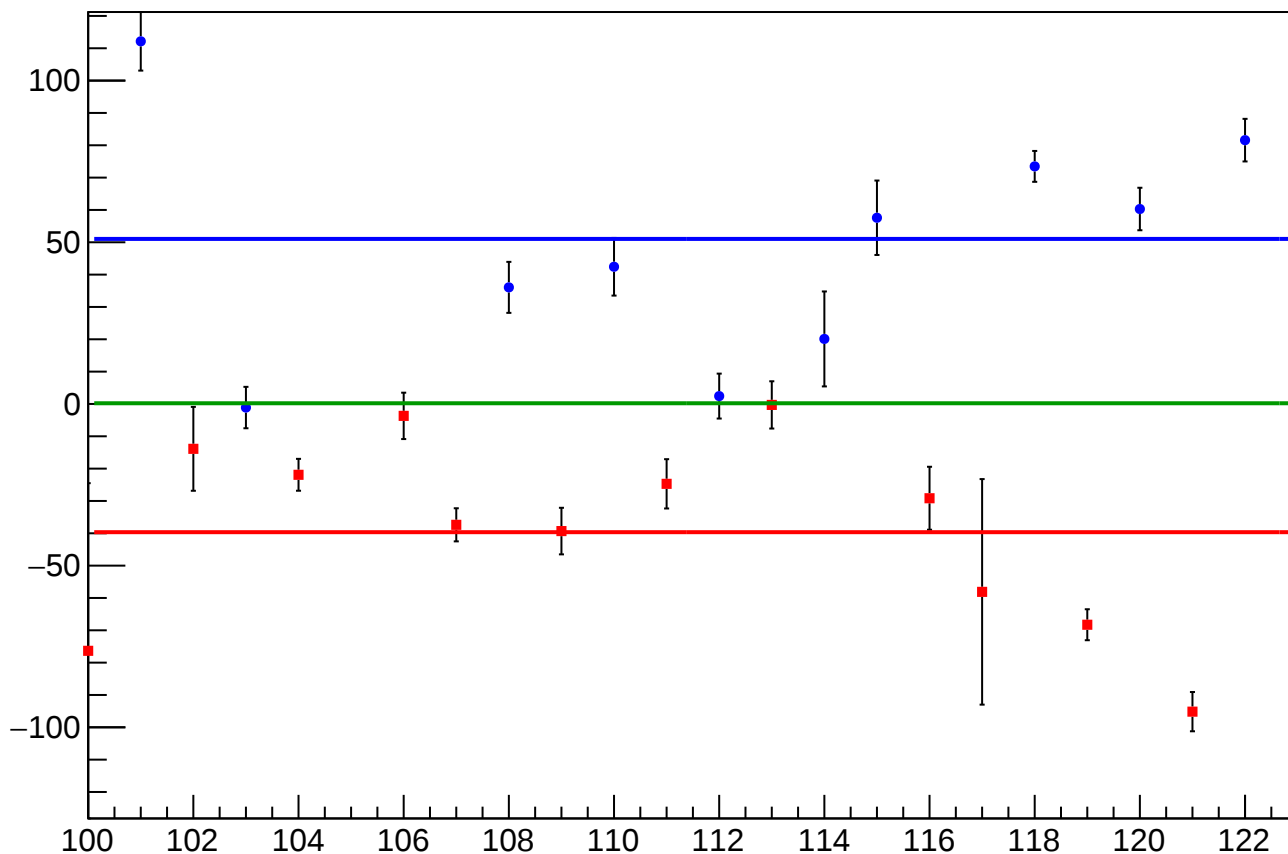
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

335.654+/-3.526 χ^2/NDF : 2080.1/10

-33.058+/-2.314 χ^2/NDF : 23942.8/22

-311.895+/-3.067 χ^2/NDF : 2663.7/11

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 51.040 $\pm$ 2.293 χ^2/NDF : 218.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -39.657 $\pm$ 2.031 χ^2/NDF : 196.3/11

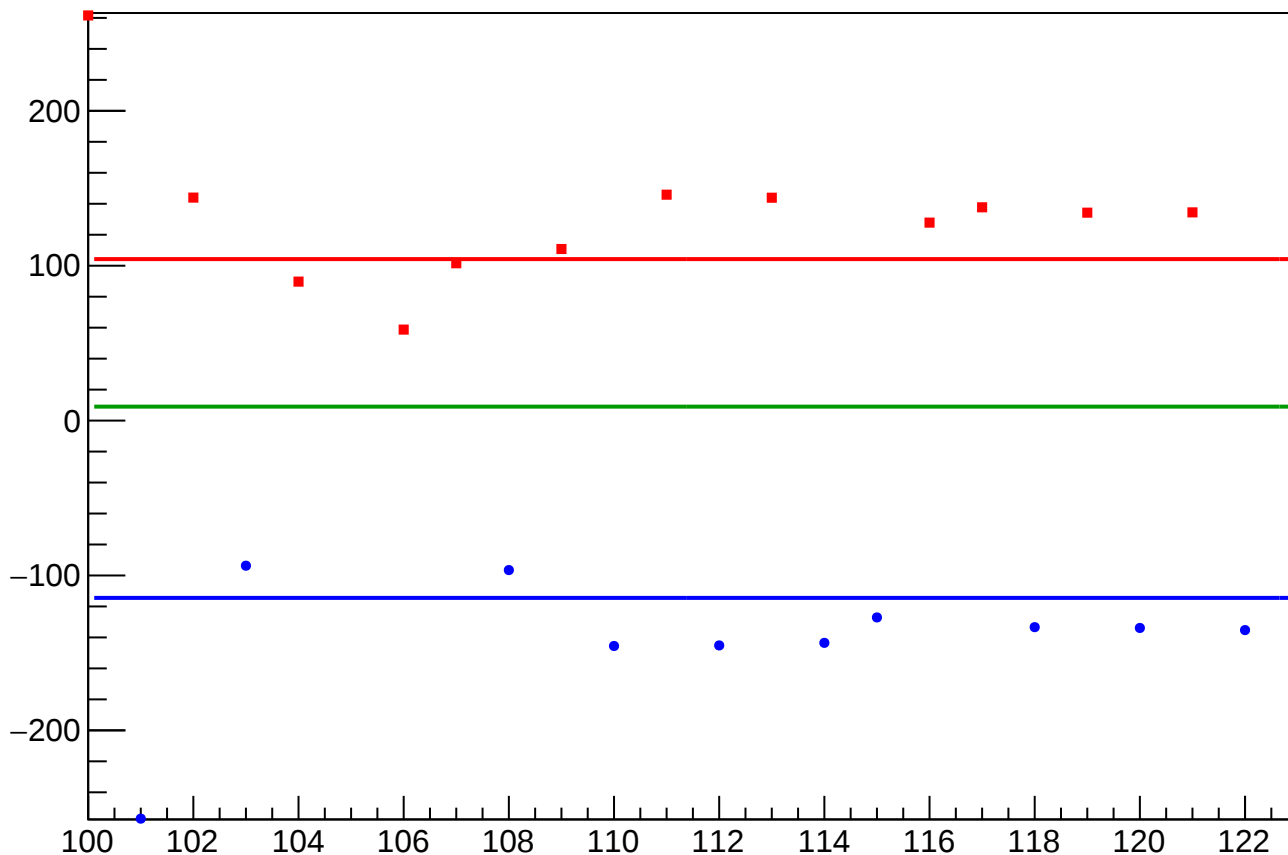
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

51.040 $\pm$ 2.293 χ^2/NDF : 218.7/10

0.215 $\pm$ 1.521 χ^2/NDF : 1291.4/22

-39.657 $\pm$ 2.031 χ^2/NDF : 196.3/11

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -114.470 ± 0.110 χ^2/NDF : 110386.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 104.270 ± 0.096 χ^2/NDF : 92979.5/11

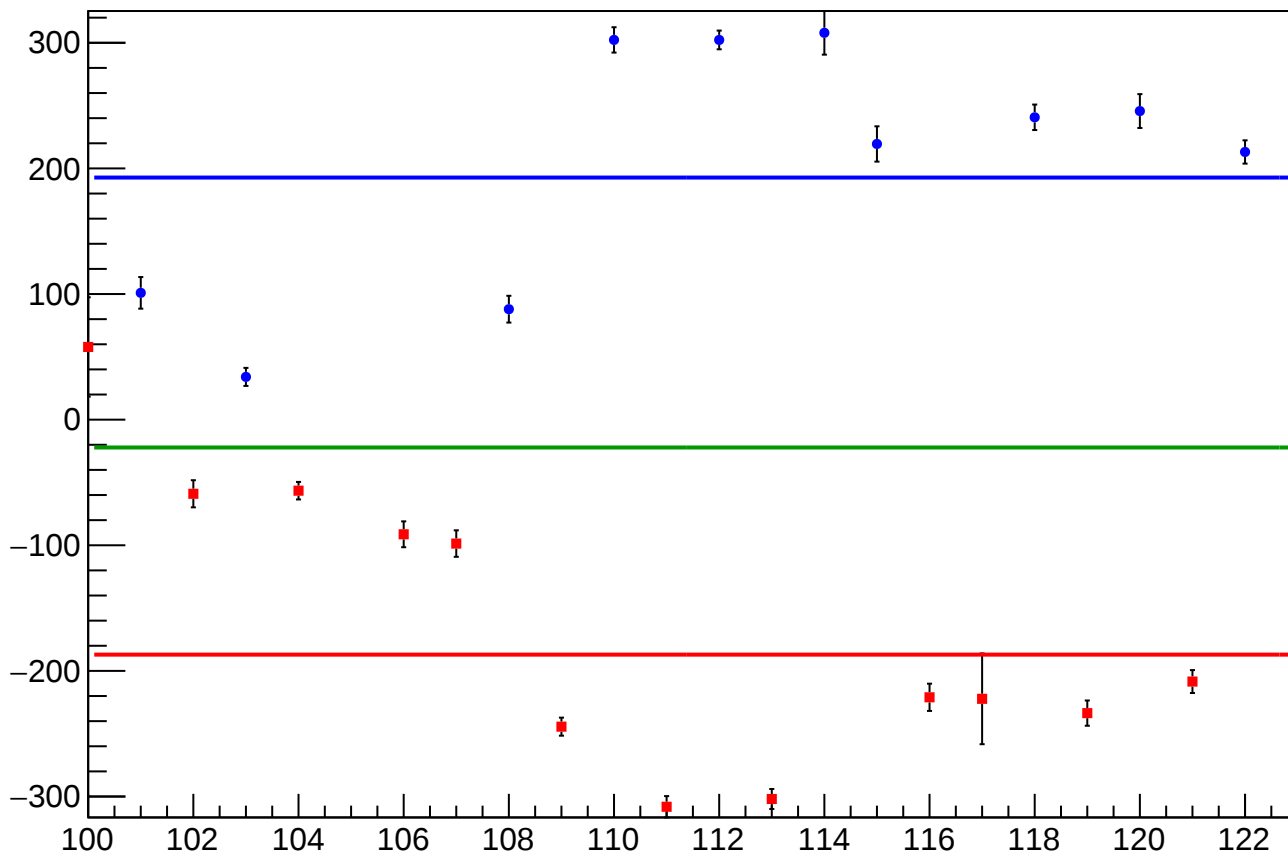
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-114.470 ± 0.110 χ^2/NDF : 110386.2/10

9.016 ± 0.072 χ^2/NDF : 2452222.7/22

104.270 ± 0.096 χ^2/NDF : 92979.5/11

reg_asym_atr_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 192.726 $\pm$ 3.187 χ^2/NDF : 1063.4/10

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

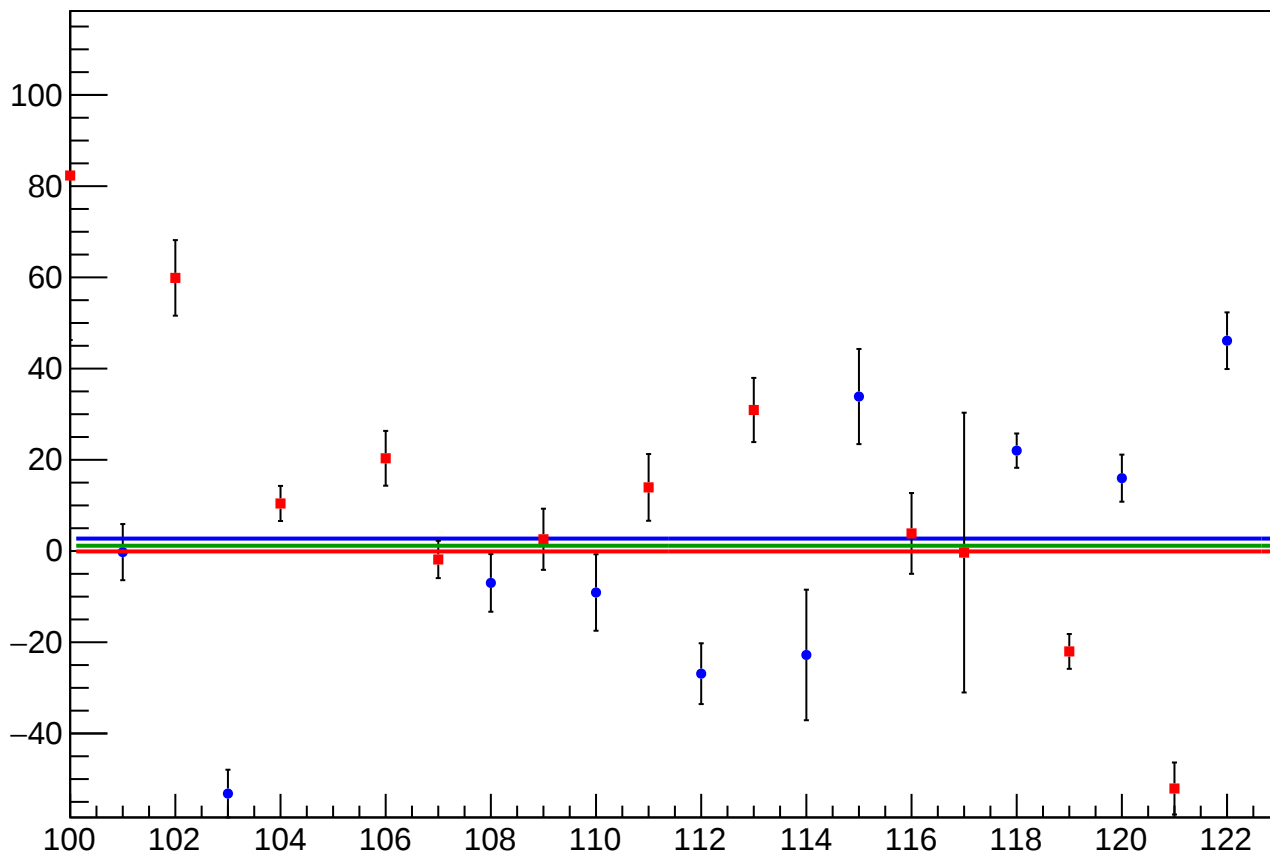
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

192.726 $\pm$ 3.187 χ^2/NDF : 1063.4/10

-22.159 $\pm$ 2.100 χ^2/NDF : 10297.0/22

-187.048 $\pm$ 2.792 χ^2/NDF : 1198.0/11

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.731 $\pm$ 1.907 χ^2 /NDF: 233.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.089 $\pm$ 1.703 χ^2 /NDF: 216.5/11

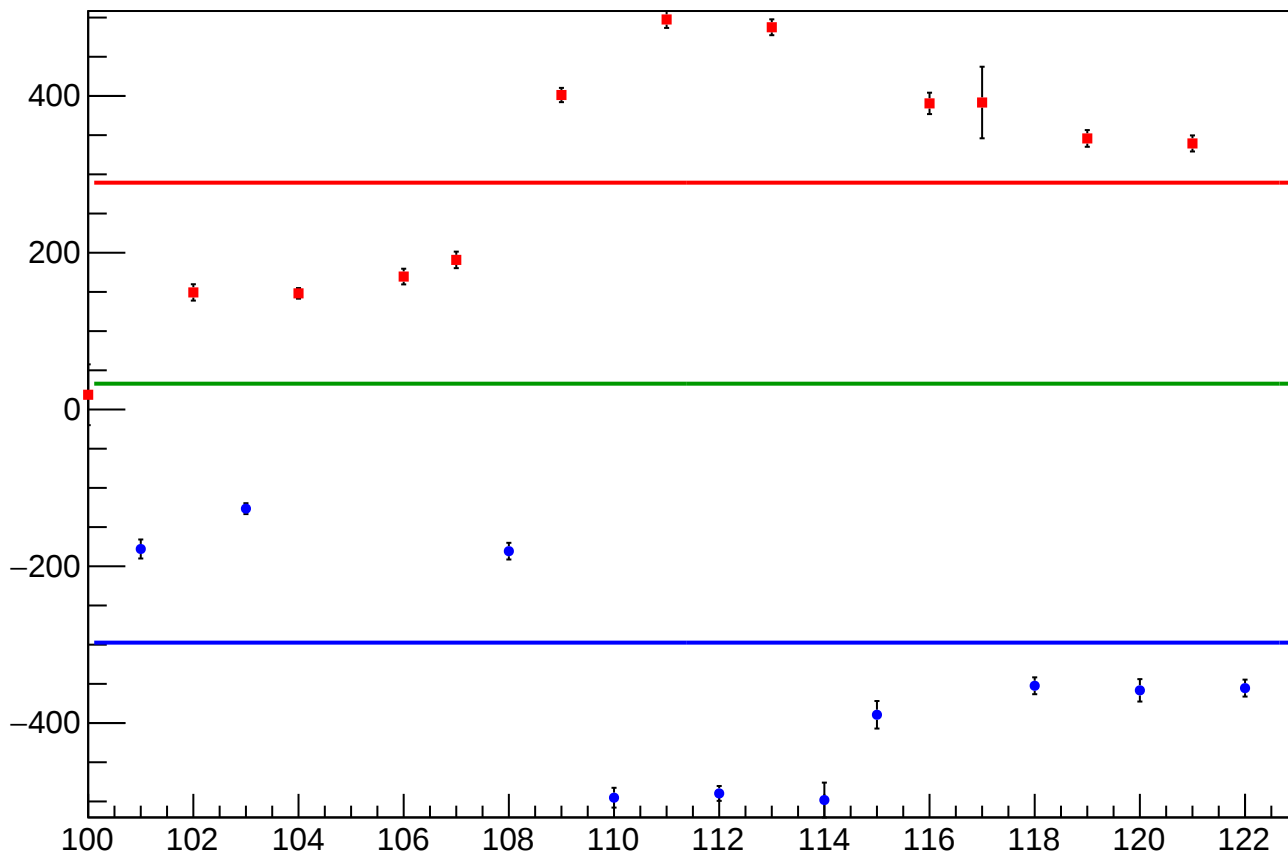
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.731 $\pm$ 1.907 χ^2 /NDF: 233.5/10

1.162 $\pm$ 1.270 χ^2 /NDF: 451.2/22

-0.089 $\pm$ 1.703 χ^2 /NDF: 216.5/11

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -297.396+/-3.497 χ^2/NDF : 1665.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 289.370+/-3.081 χ^2/NDF : 1915.5/11

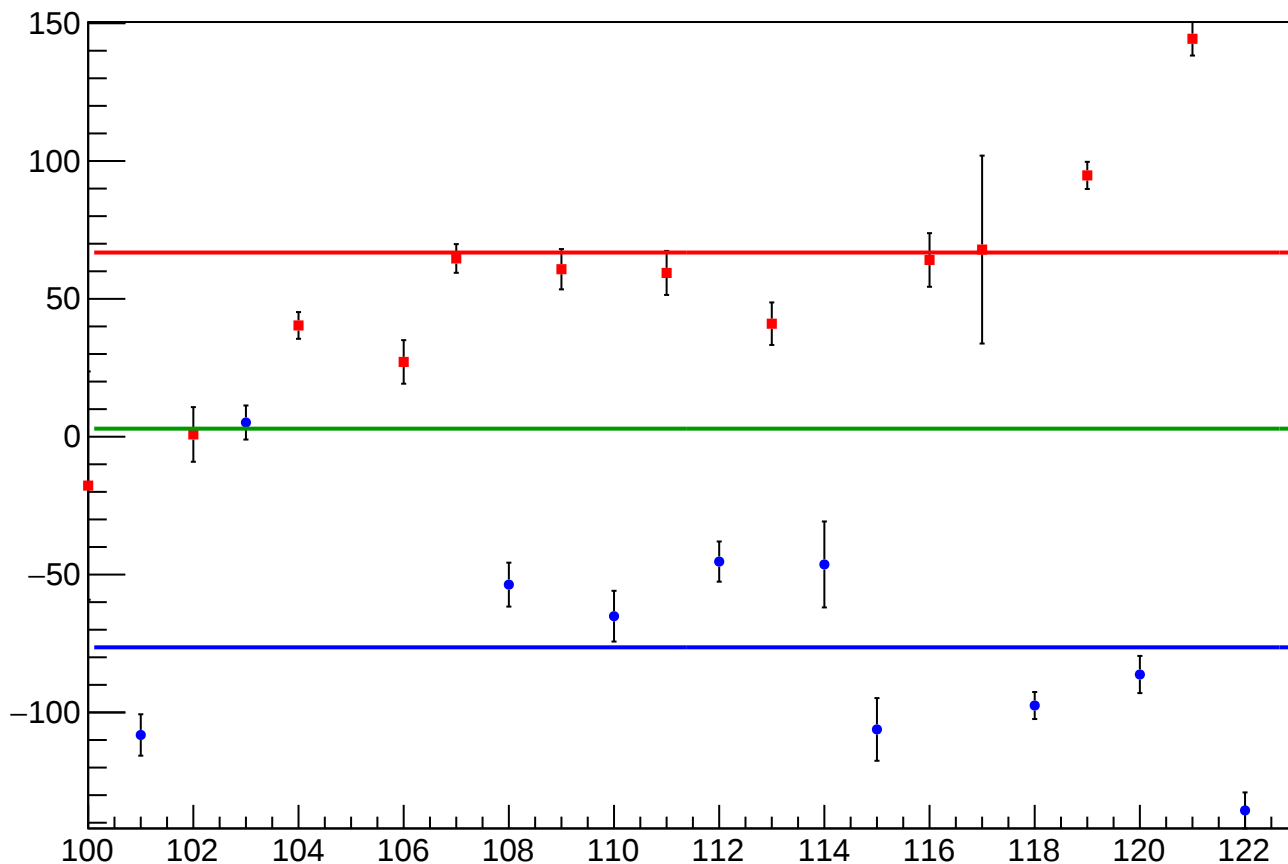
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-297.396+/-3.497 χ^2/NDF : 1665.3/10

32.950+/-2.311 χ^2/NDF : 19434.8/22

289.370+/-3.081 χ^2/NDF : 1915.5/11

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -76.384 ± 2.288 χ^2/NDF : 335.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 66.809 ± 2.053 χ^2/NDF : 311.2/11

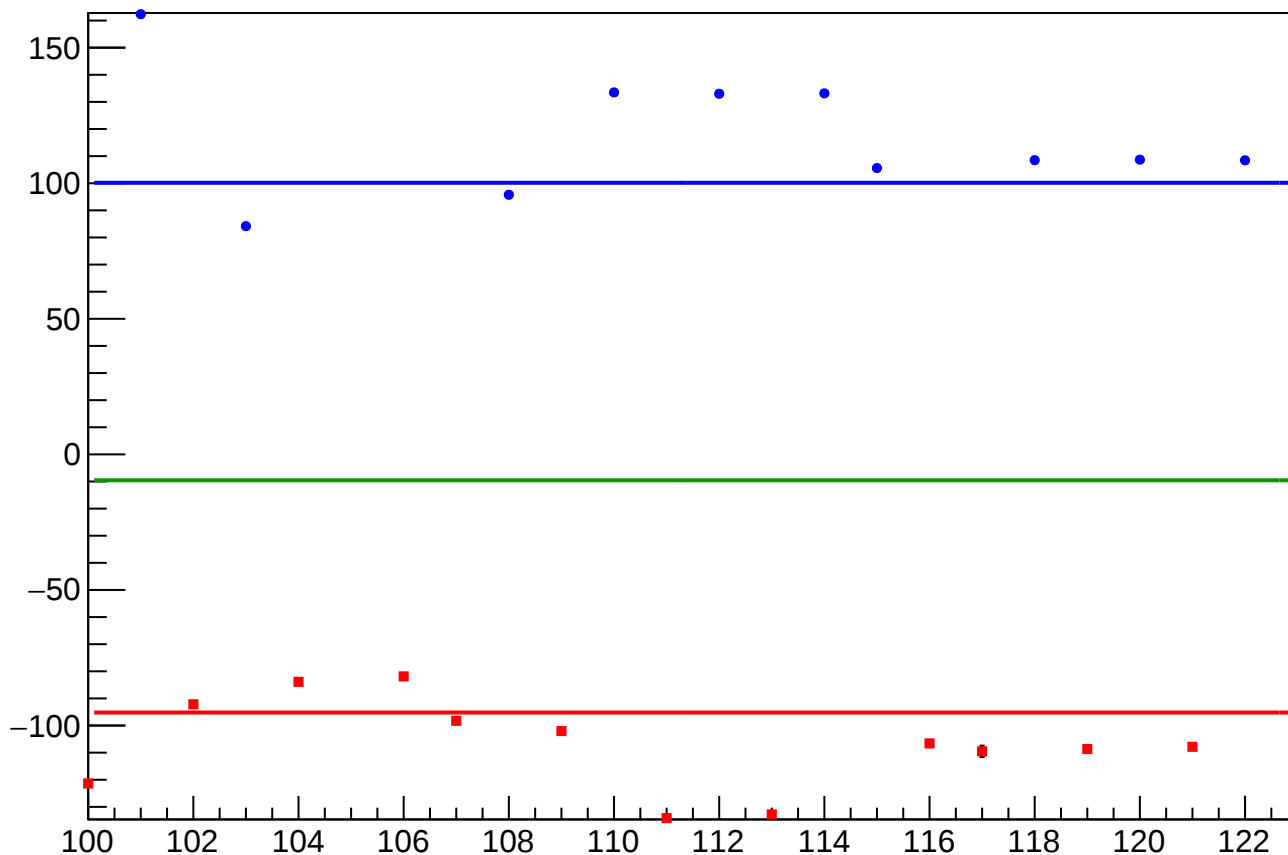
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-76.384 ± 2.288 χ^2/NDF : 335.1/10

2.929 ± 1.528 χ^2/NDF : 2816.5/22

66.809 ± 2.053 χ^2/NDF : 311.2/11

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 100.176+/-0.107 χ^2/NDF : 41840.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -95.200+/-0.095 χ^2/NDF : 22575.6/11

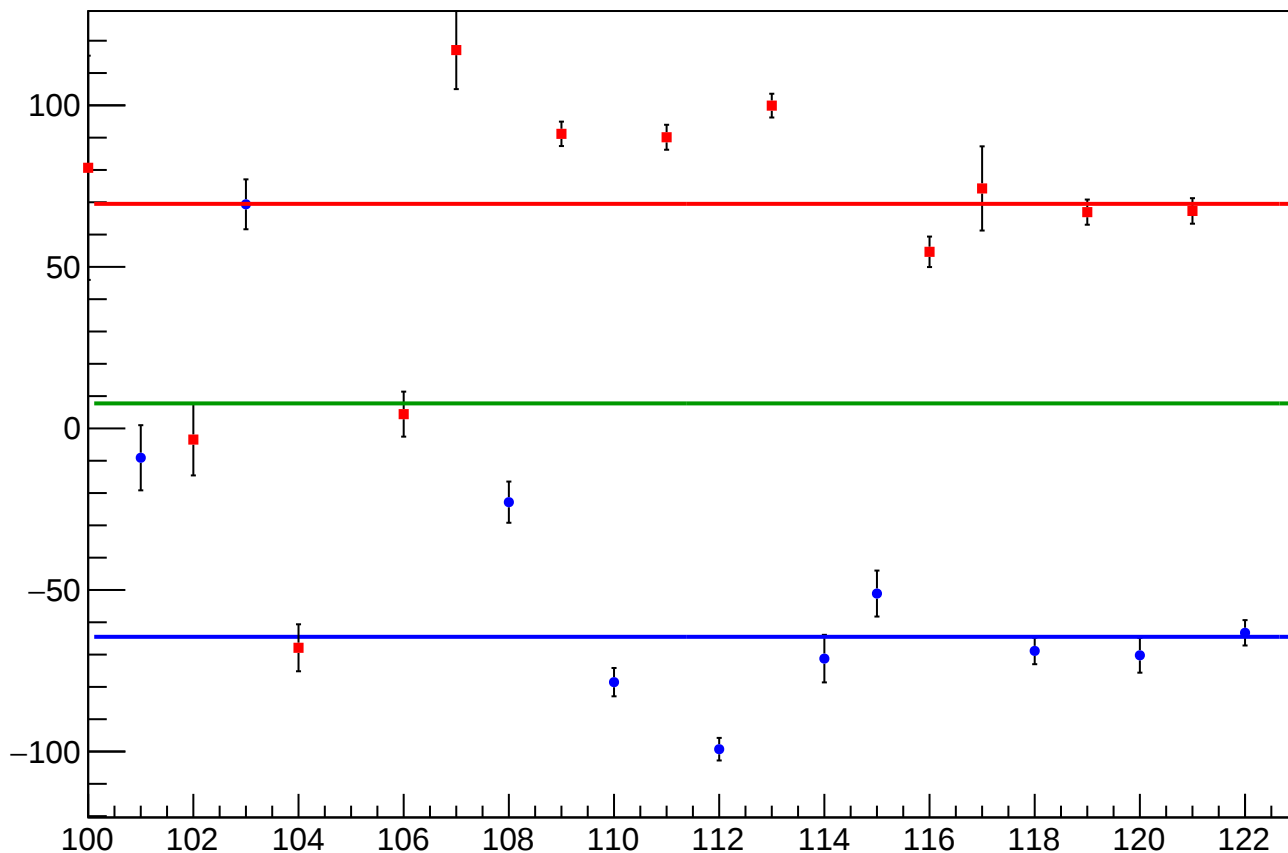
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

100.176+/-0.107 χ^2/NDF : 41840.1/10

-9.553+/-0.071 χ^2/NDF : 1929368.6/22

-95.200+/-0.095 χ^2/NDF : 22575.6/11

reg_asym_at1_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -64.498 $\pm$ 1.618 χ^2 /NDF: 489.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 69.508 $\pm$ 1.496 χ^2 /NDF: 643.6/11

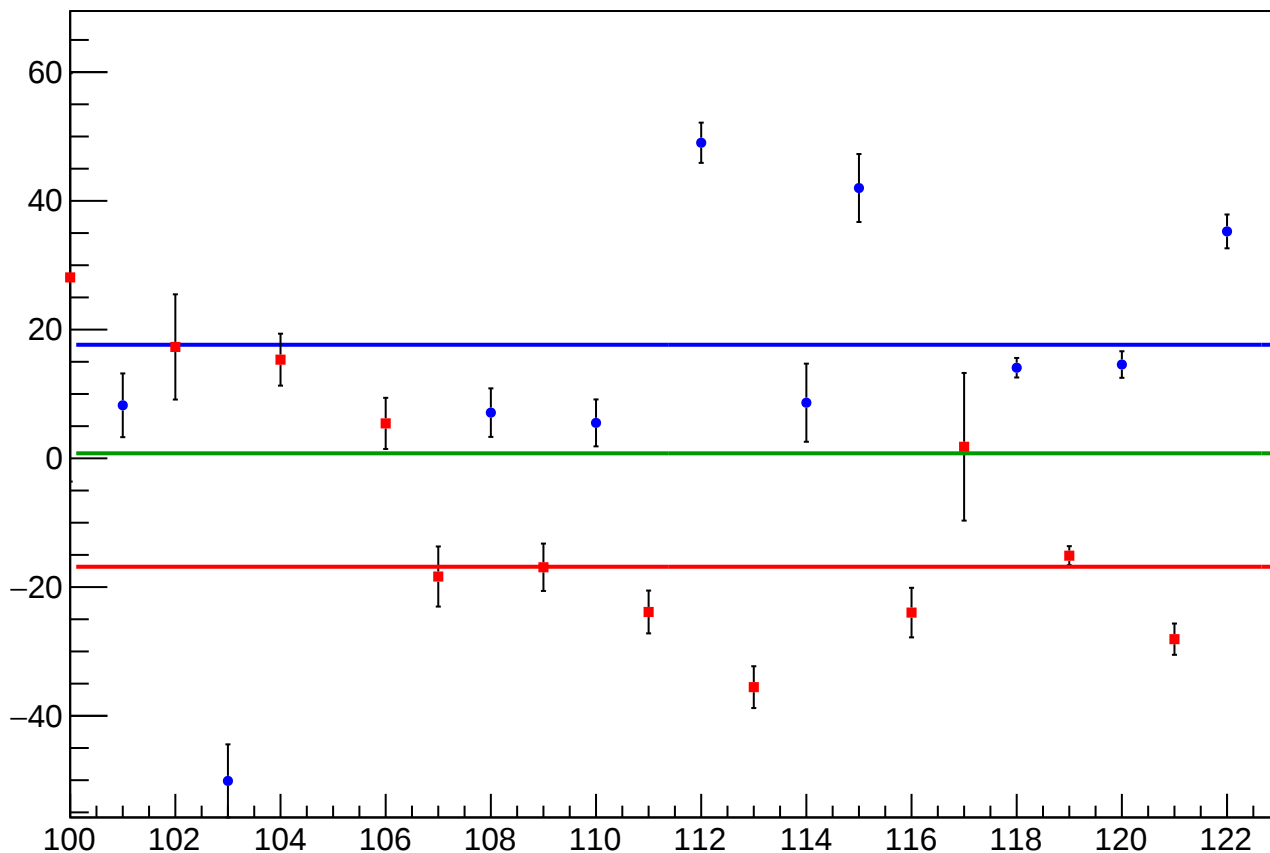
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-64.498 $\pm$ 1.618 χ^2 /NDF: 489.3/10

7.746 $\pm$ 1.098 χ^2 /NDF: 4833.0/22

69.508 $\pm$ 1.496 χ^2 /NDF: 643.6/11

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.646+/-0.914 χ^2/NDF : 342.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.840+/-0.934 χ^2/NDF : 181.0/11

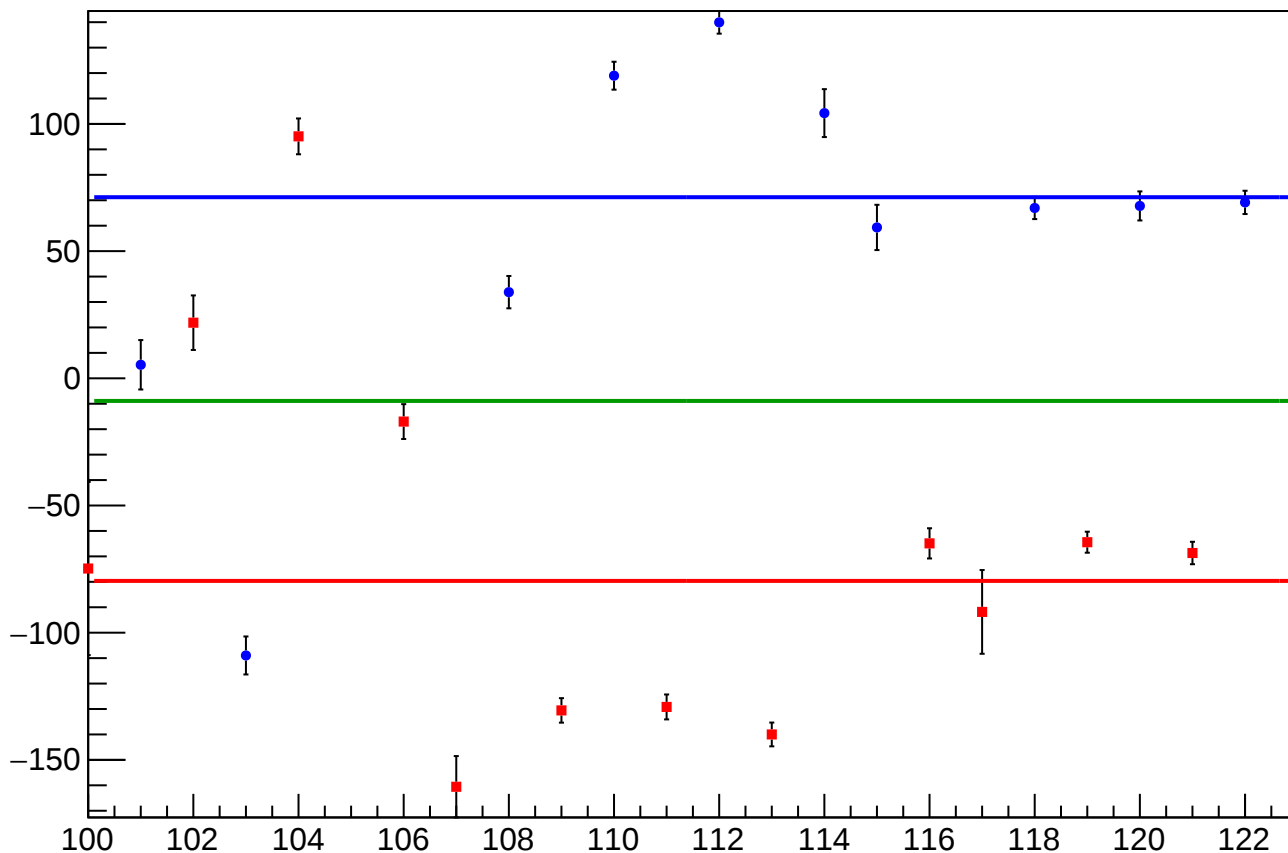
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.646+/-0.914 χ^2/NDF : 342.2/10

0.781+/-0.653 χ^2/NDF : 1219.4/22

-16.840+/-0.934 χ^2/NDF : 181.0/11

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 71.198+/-1.850 χ^2 /NDF: 992.3/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -79.641+/-1.739 χ^2 /NDF: 1241.8/11

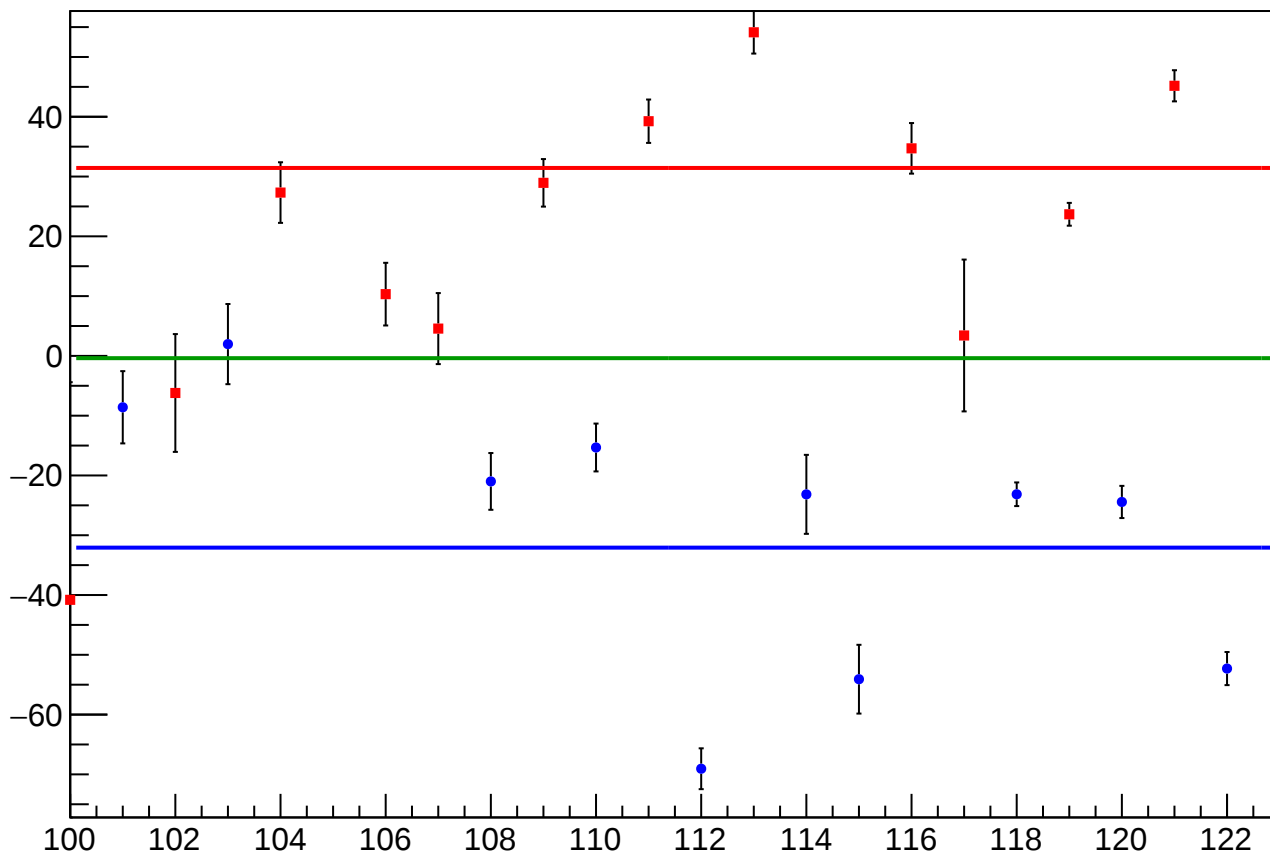
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

71.198+/-1.850 χ^2 /NDF: 992.3/10

-8.891+/-1.267 χ^2 /NDF: 5762.9/22

-79.641+/-1.739 χ^2 /NDF: 1241.8/11

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.073 ± 1.104 χ^2/NDF : 279.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 31.438 ± 1.106 χ^2/NDF : 151.4/11

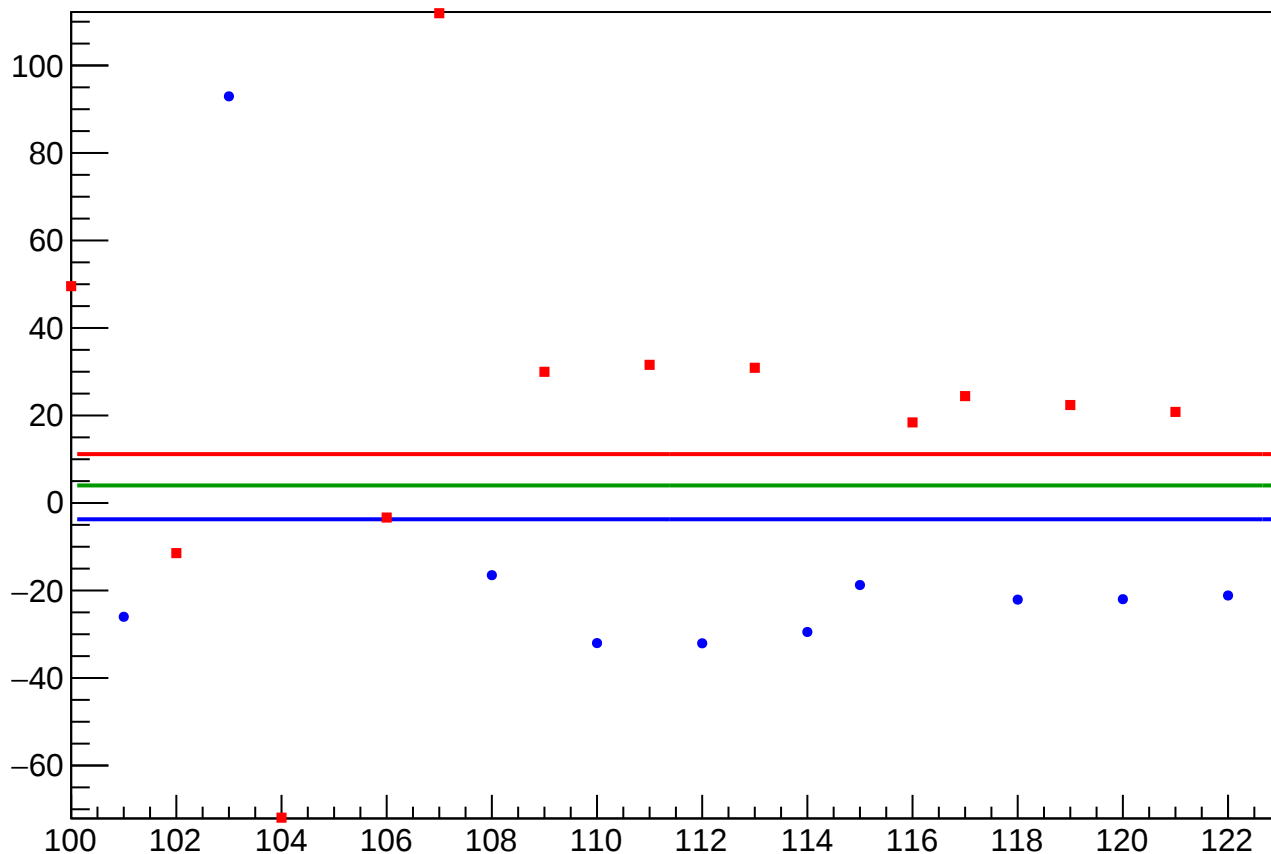
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-32.073 ± 1.104 χ^2/NDF : 279.4/10

-0.380 ± 0.782 χ^2/NDF : 2081.8/22

31.438 ± 1.106 χ^2/NDF : 151.4/11

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -3.725+/-0.068 χ^2/NDF : 404392.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.169+/-0.065 χ^2/NDF : 397322.1/11

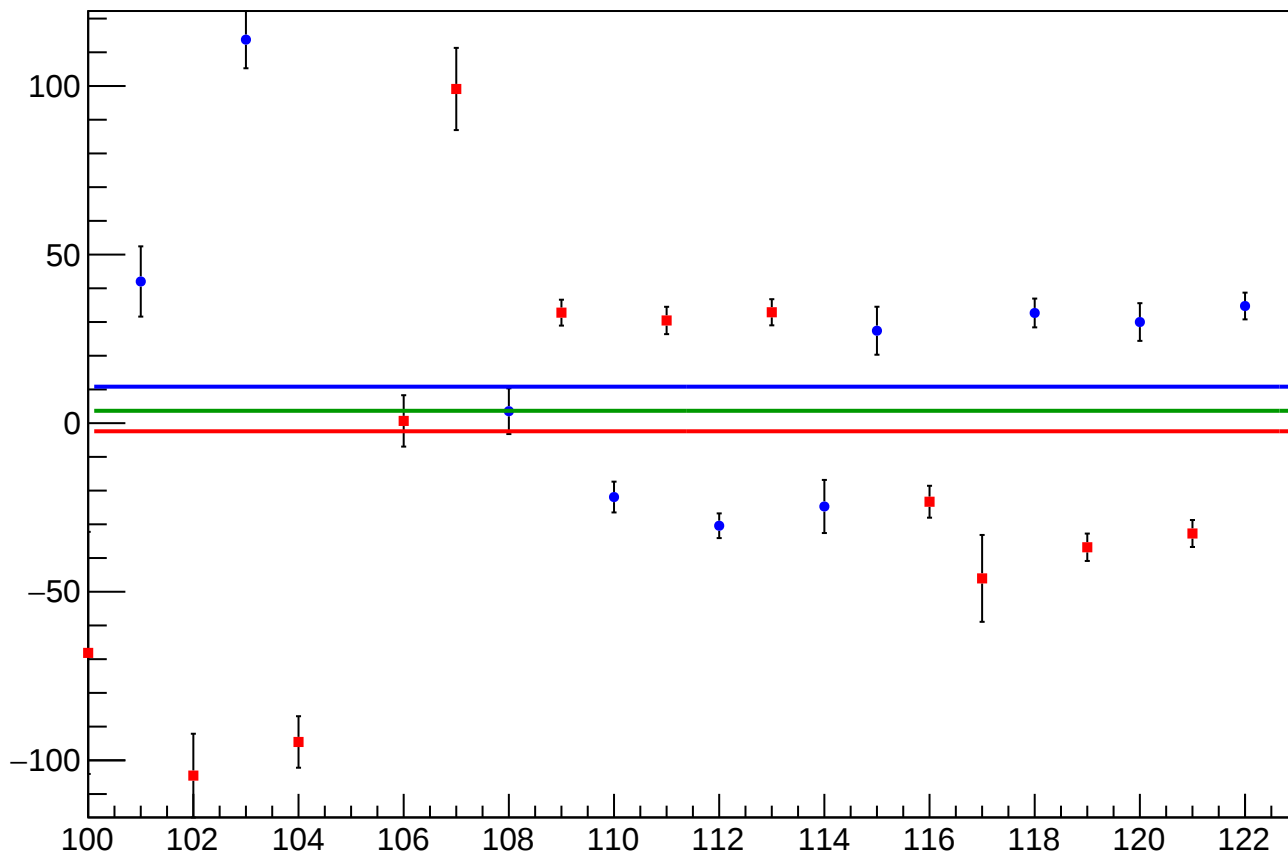
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.725+/-0.068 χ^2/NDF : 404392.1/10

4.010+/-0.047 χ^2/NDF : 826676.2/22

11.169+/-0.065 χ^2/NDF : 397322.1/11

reg_asym_at1_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 10.824+/-1.680 χ^2 /NDF: 435.6/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.405+/-1.548 χ^2 /NDF: 678.8/11

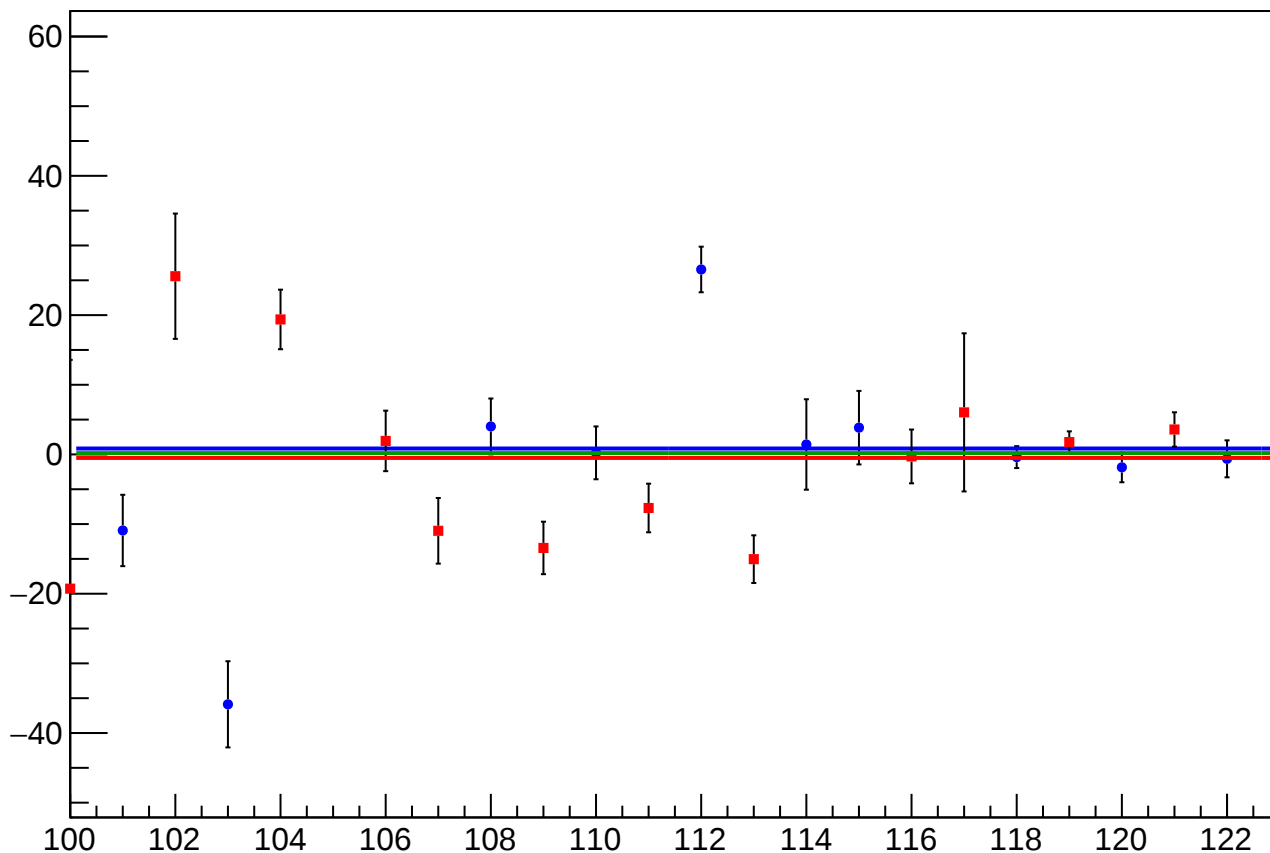
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

10.824+/-1.680 χ^2 /NDF: 435.6/10

3.668+/-1.138 χ^2 /NDF: 1148.0/22

-2.405+/-1.548 χ^2 /NDF: 678.8/11

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.847 ± 0.948 χ^2/NDF : 106.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.503 ± 0.970 χ^2/NDF : 74.9/11

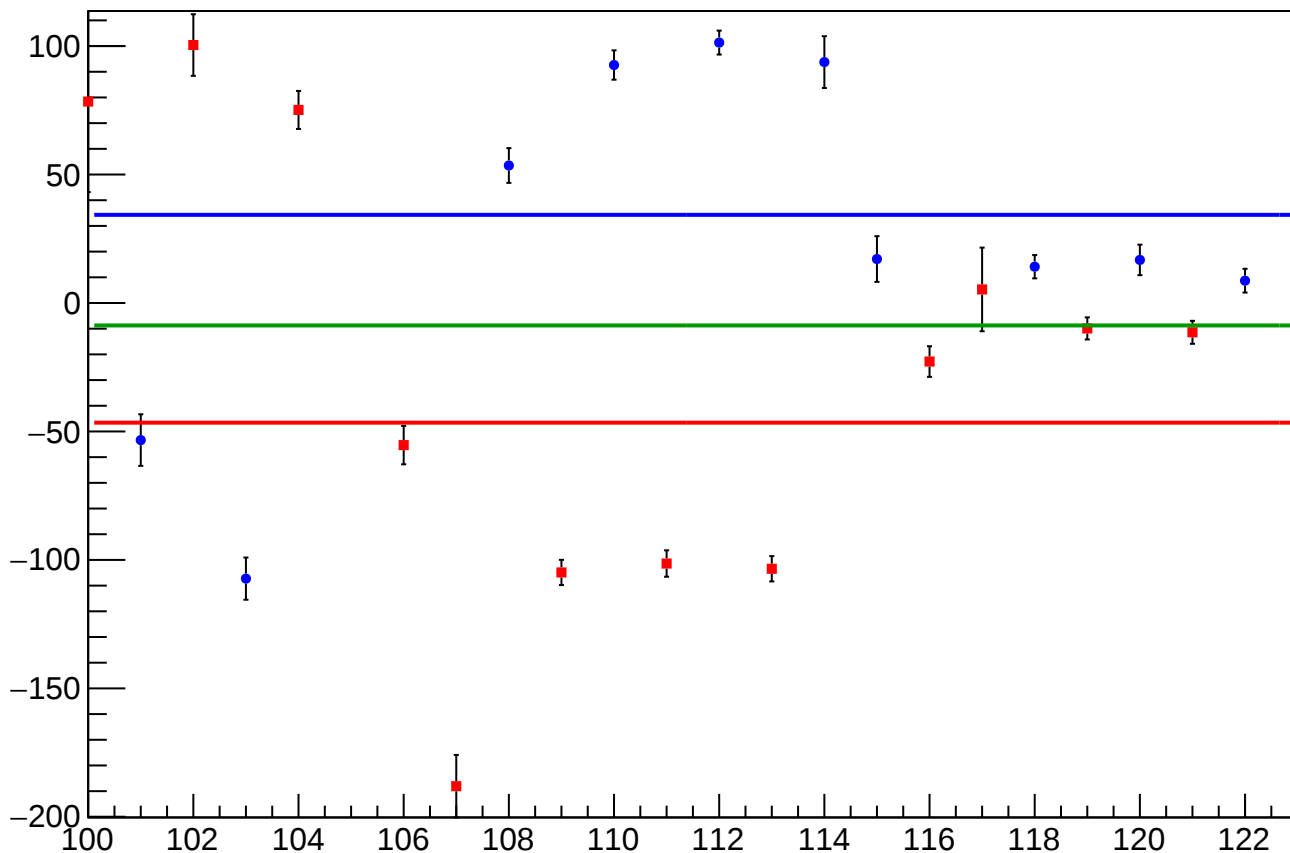
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.847 ± 0.948 χ^2/NDF : 106.6/10

0.188 ± 0.678 χ^2/NDF : 182.4/22

-0.503 ± 0.970 χ^2/NDF : 74.9/11

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 34.312 ± 1.924 χ^2/NDF : 791.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -46.573 ± 1.804 χ^2/NDF : 1119.1/11

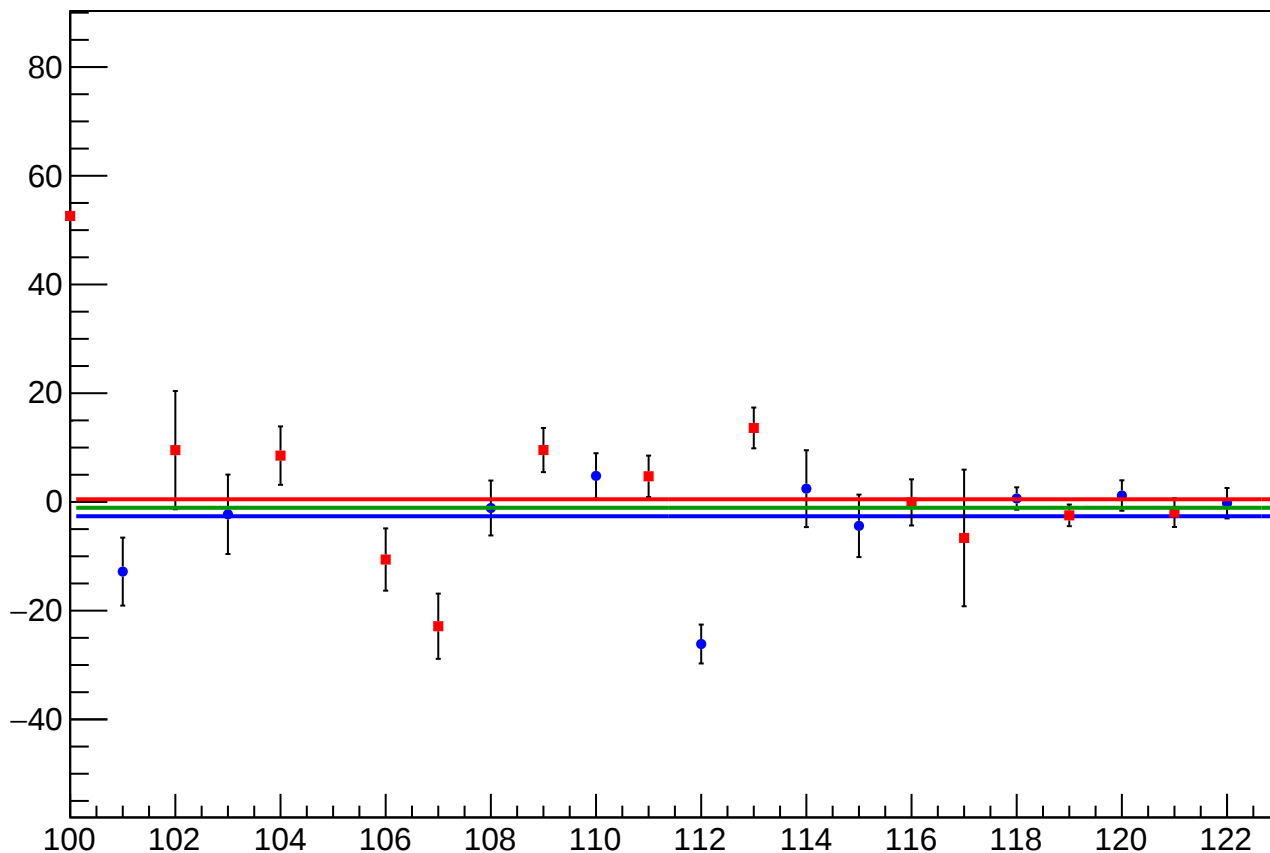
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

34.312 ± 1.924 χ^2/NDF : 791.0/10

-8.737 ± 1.316 χ^2/NDF : 2850.6/22

-46.573 ± 1.804 χ^2/NDF : 1119.1/11

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.634+/-1.144 χ^2/NDF : 55.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.490+/-1.147 χ^2/NDF : 45.6/11

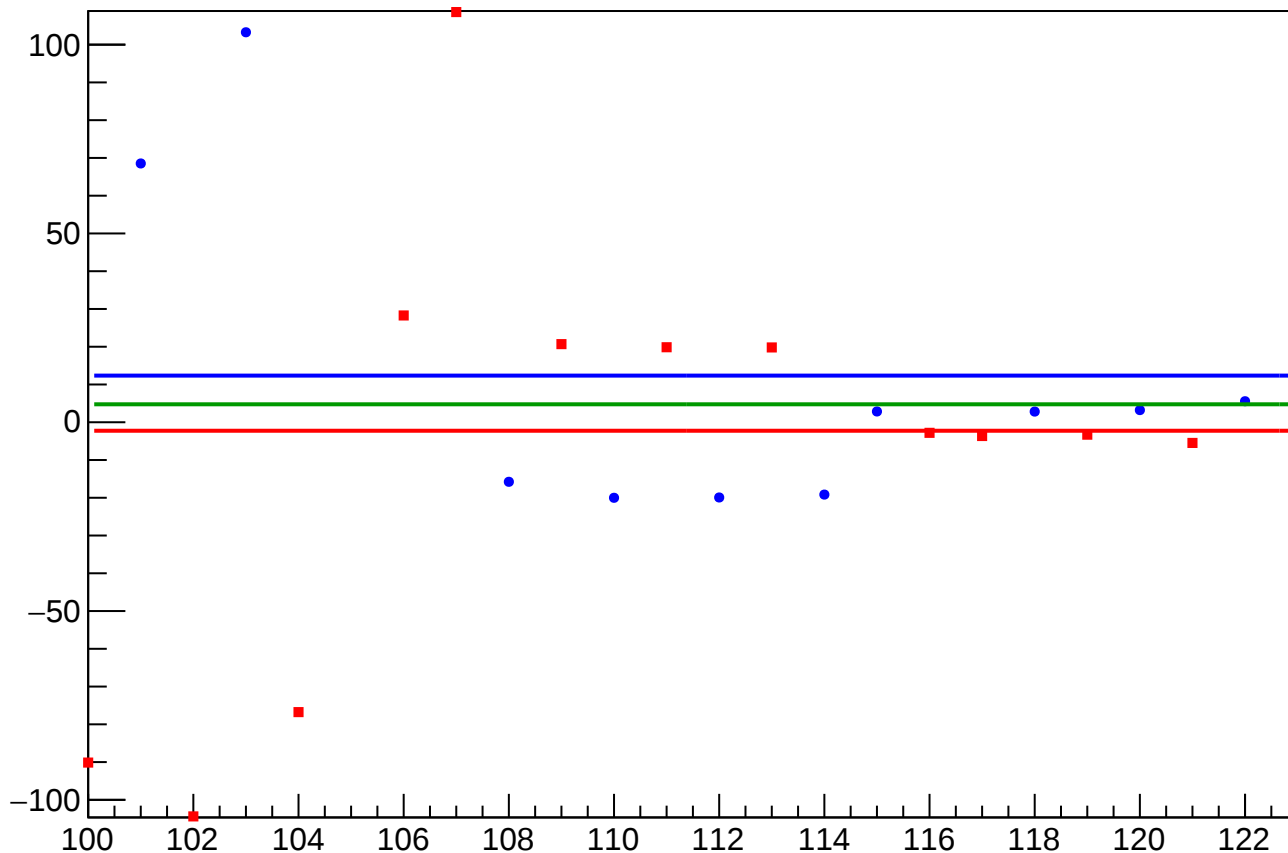
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.634+/-1.144 χ^2/NDF : 55.2/10

-1.076+/-0.810 χ^2/NDF : 104.5/22

0.490+/-1.147 χ^2/NDF : 45.6/11

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 12.353 ± 0.071 χ^2/NDF : 348006.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.250 ± 0.068 χ^2/NDF : 509753.1/11

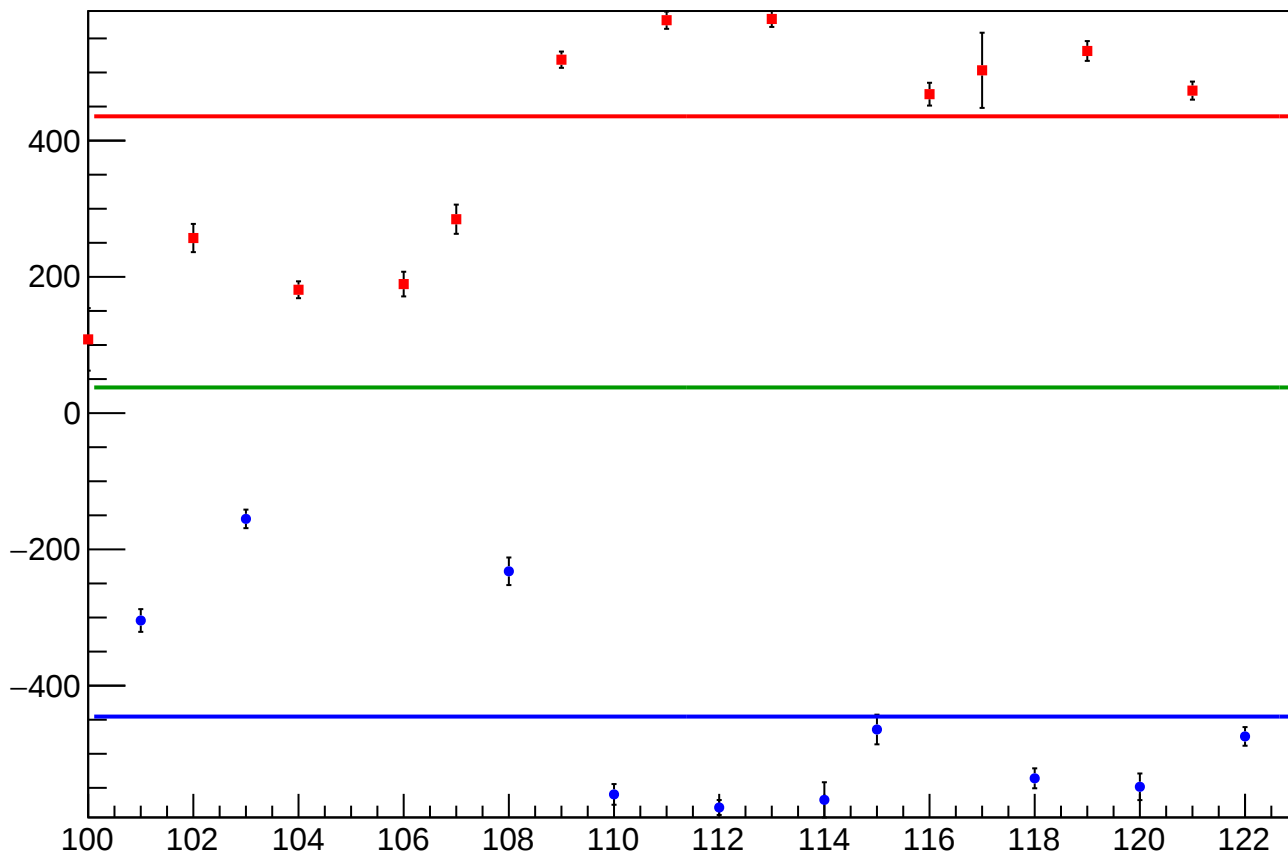
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

12.353 ± 0.071 χ^2/NDF : 348006.3/10

4.754 ± 0.049 χ^2/NDF : 879560.1/22

-2.250 ± 0.068 χ^2/NDF : 509753.1/11

reg_asym_at2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -445.375 $\pm$ 4.955 χ^2/NDF : 951.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 435.655 $\pm$ 4.498 χ^2/NDF : 1162.0/11

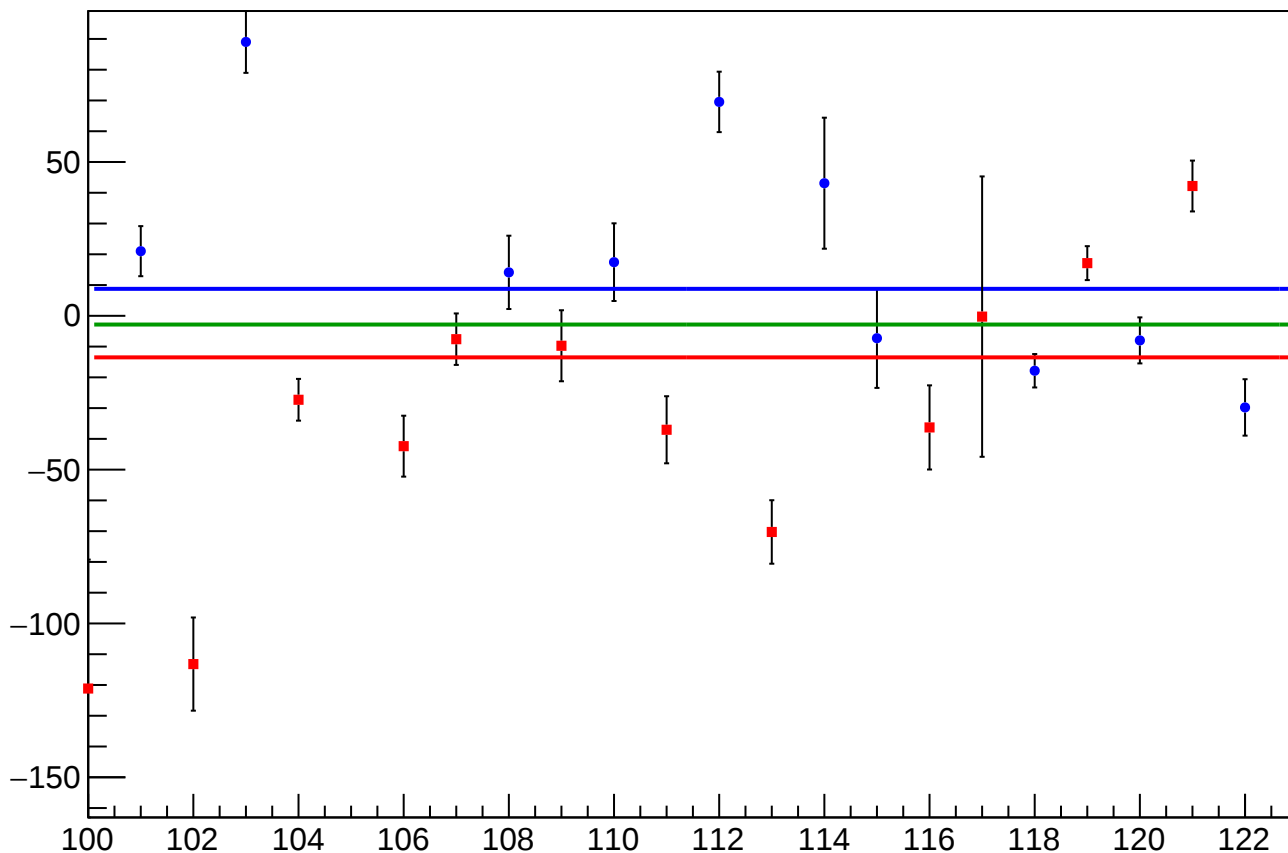
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-445.375 $\pm$ 4.955 χ^2/NDF : 951.3/10

37.718 $\pm$ 3.330 χ^2/NDF : 19445.7/22

435.655 $\pm$ 4.498 χ^2/NDF : 1162.0/11

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.767 ± 2.894 $\chi^2/\text{NDF}: 158.3/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -13.507 ± 2.776 $\chi^2/\text{NDF}: 177.2/11$

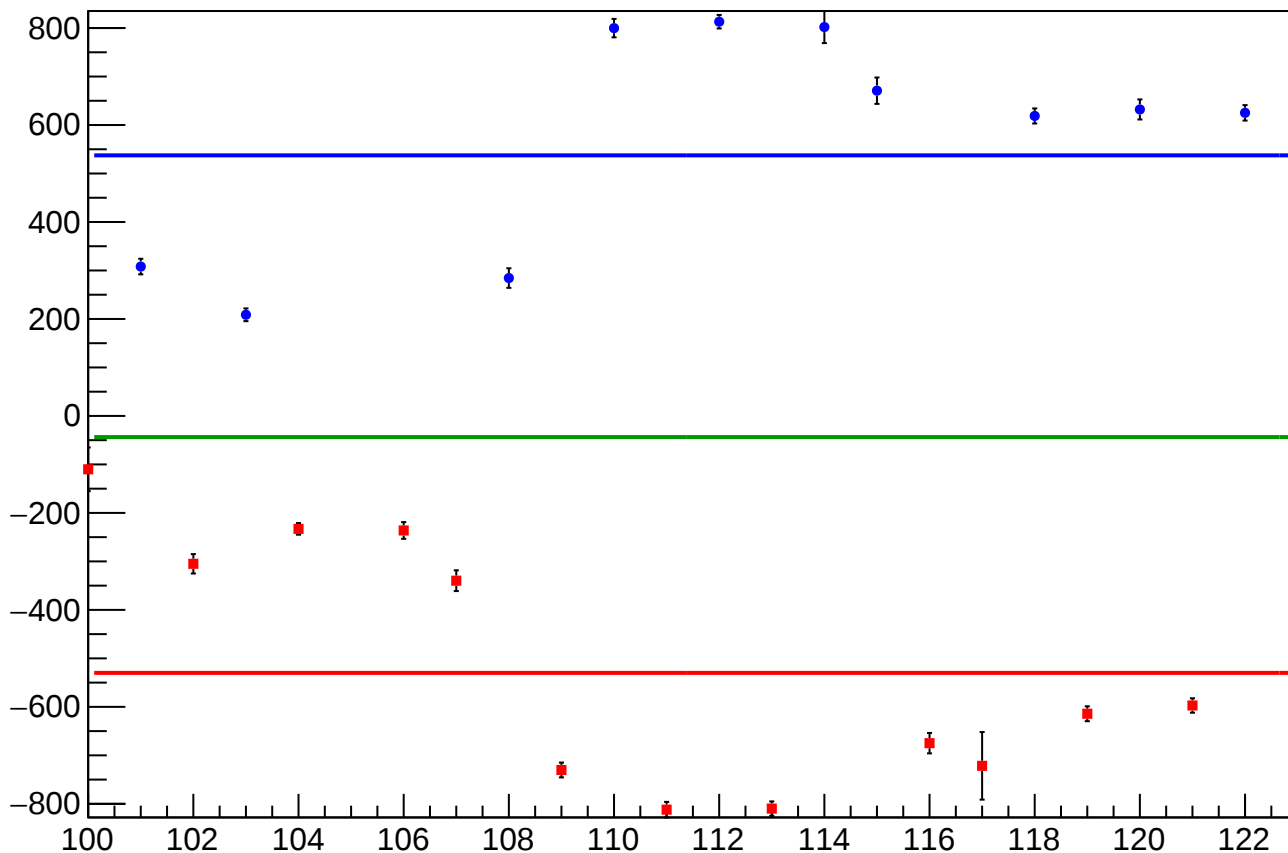
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

8.767 ± 2.894 $\chi^2/\text{NDF}: 158.3/10$

-2.835 ± 2.003 $\chi^2/\text{NDF}: 366.3/22$

-13.507 ± 2.776 $\chi^2/\text{NDF}: 177.2/11$

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 537.426+/-5.508 χ^2/NDF : 1740.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -529.898+/-5.039 χ^2/NDF : 2138.1/11

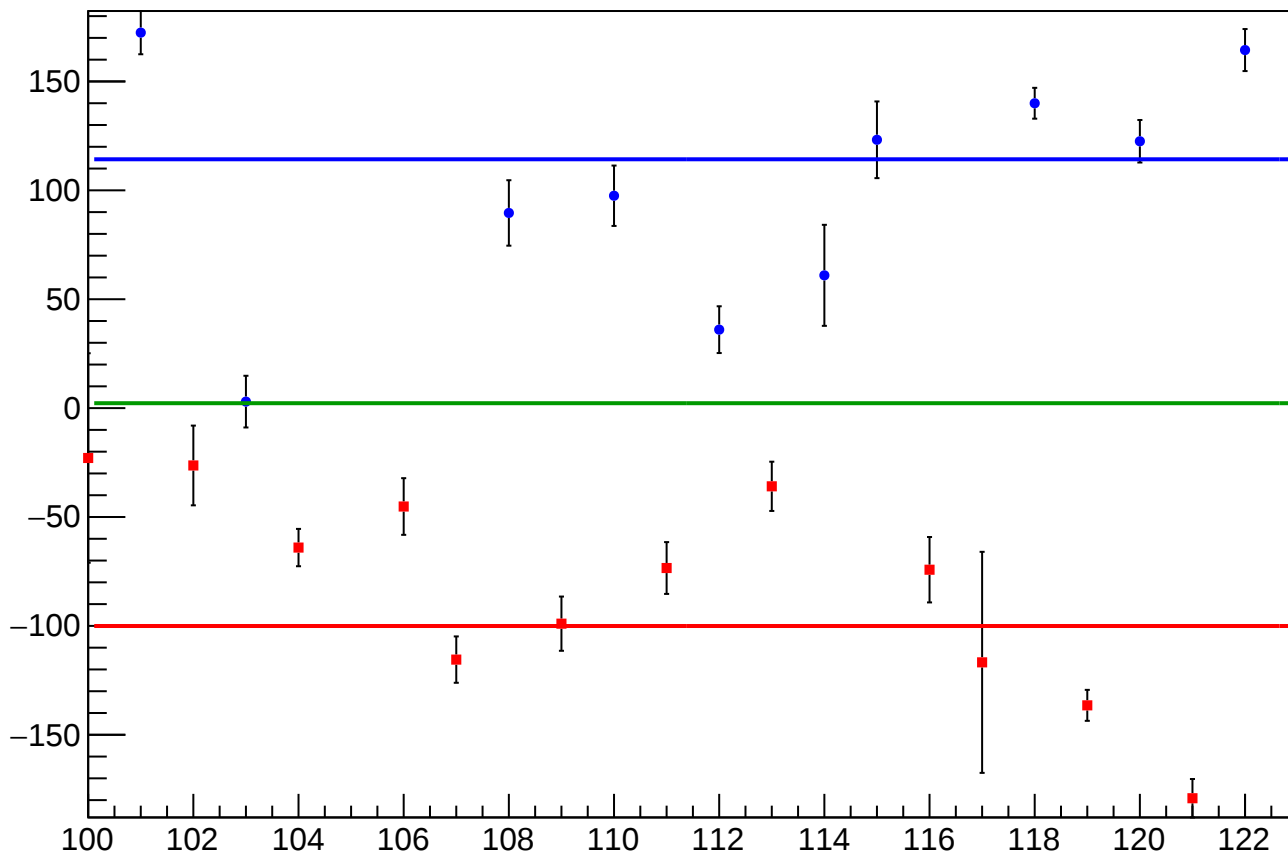
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

537.426+/-5.508 χ^2/NDF : 1740.6/10

-43.592+/-3.718 χ^2/NDF : 24321.7/22

-529.898+/-5.039 χ^2/NDF : 2138.1/11

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 114.258 $\pm$ 3.477 χ^2 /NDF: 226.0/10

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

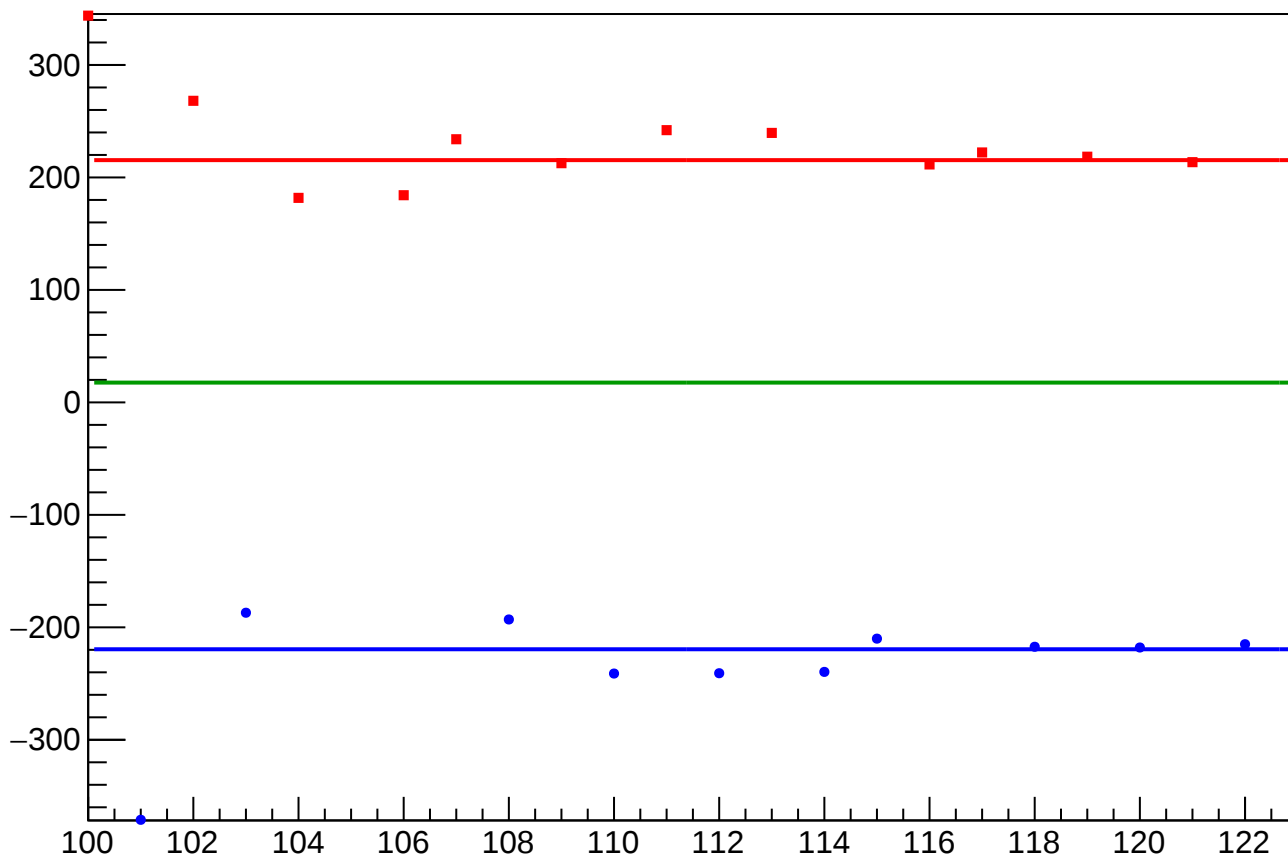
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

114.258 $\pm$ 3.477 χ^2 /NDF: 226.0/10

2.256 $\pm$ 2.403 χ^2 /NDF: 2414.2/22

-100.053 $\pm$ 3.323 χ^2 /NDF: 203.1/11

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -219.495+/-0.183 χ^2/NDF : 87700.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 215.393+/-0.167 χ^2/NDF : 40331.5/11

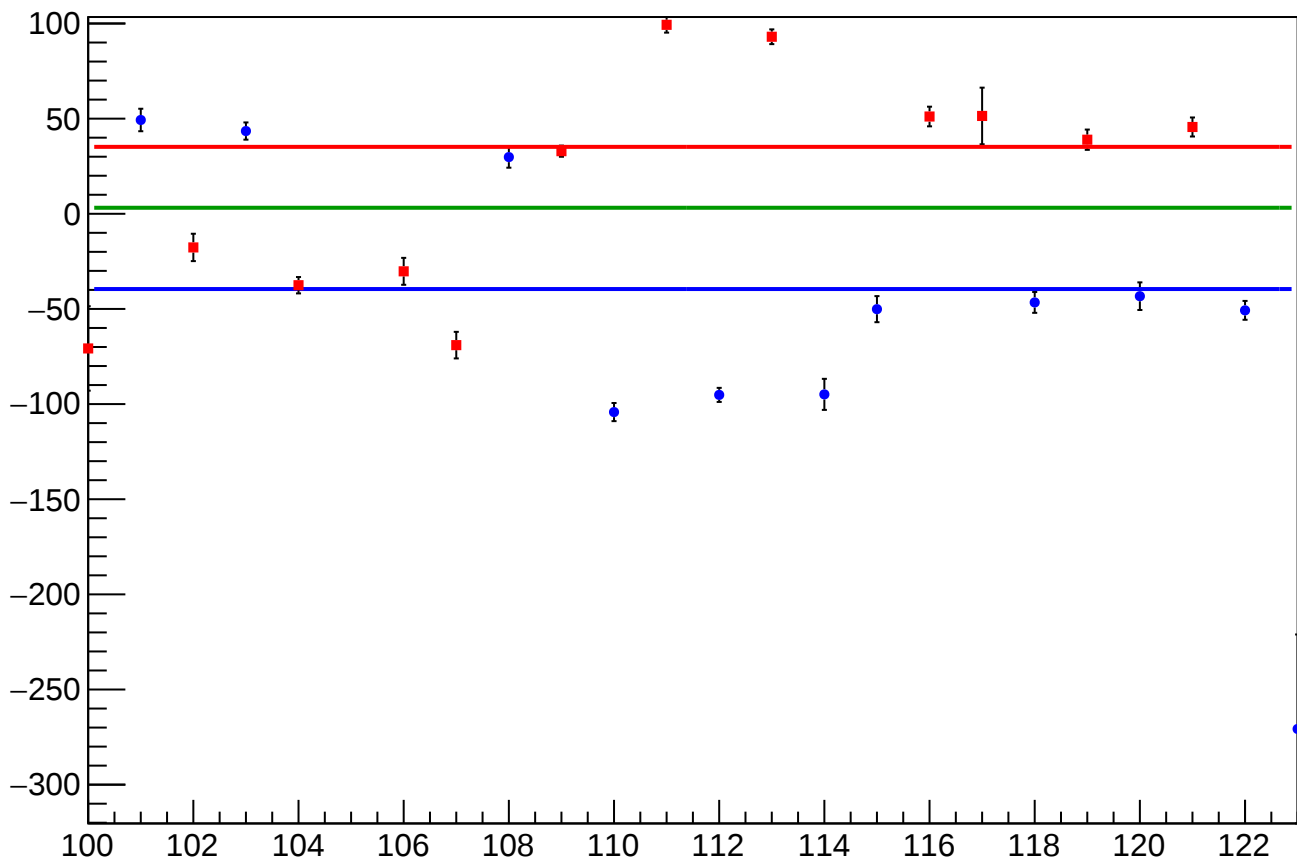
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-219.495+/-0.183 χ^2/NDF : 87700.5/10

17.600+/-0.123 χ^2/NDF : 3213268.7/22

215.393+/-0.167 χ^2/NDF : 40331.5/11

reg_asym_at2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -39.543 ± 1.675 χ^2/NDF : 1204.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 35.175 ± 1.450 χ^2/NDF : 1153.3/11

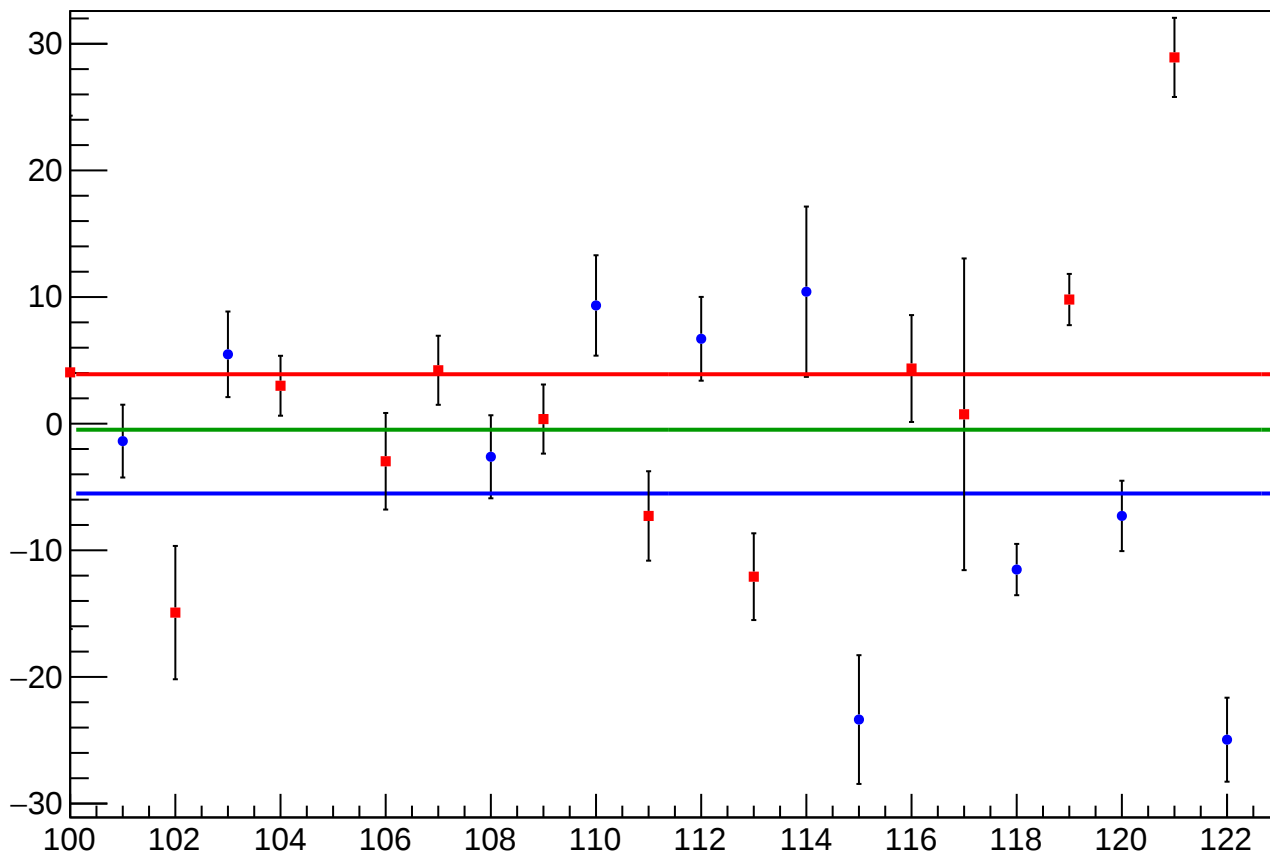
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-39.543 ± 1.675 χ^2/NDF : 1204.7/10

3.171 ± 1.096 χ^2/NDF : 3496.1/22

35.175 ± 1.450 χ^2/NDF : 1153.3/11

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.513+/-1.009 χ^2/NDF : 102.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.903+/-0.941 χ^2/NDF : 122.4/11

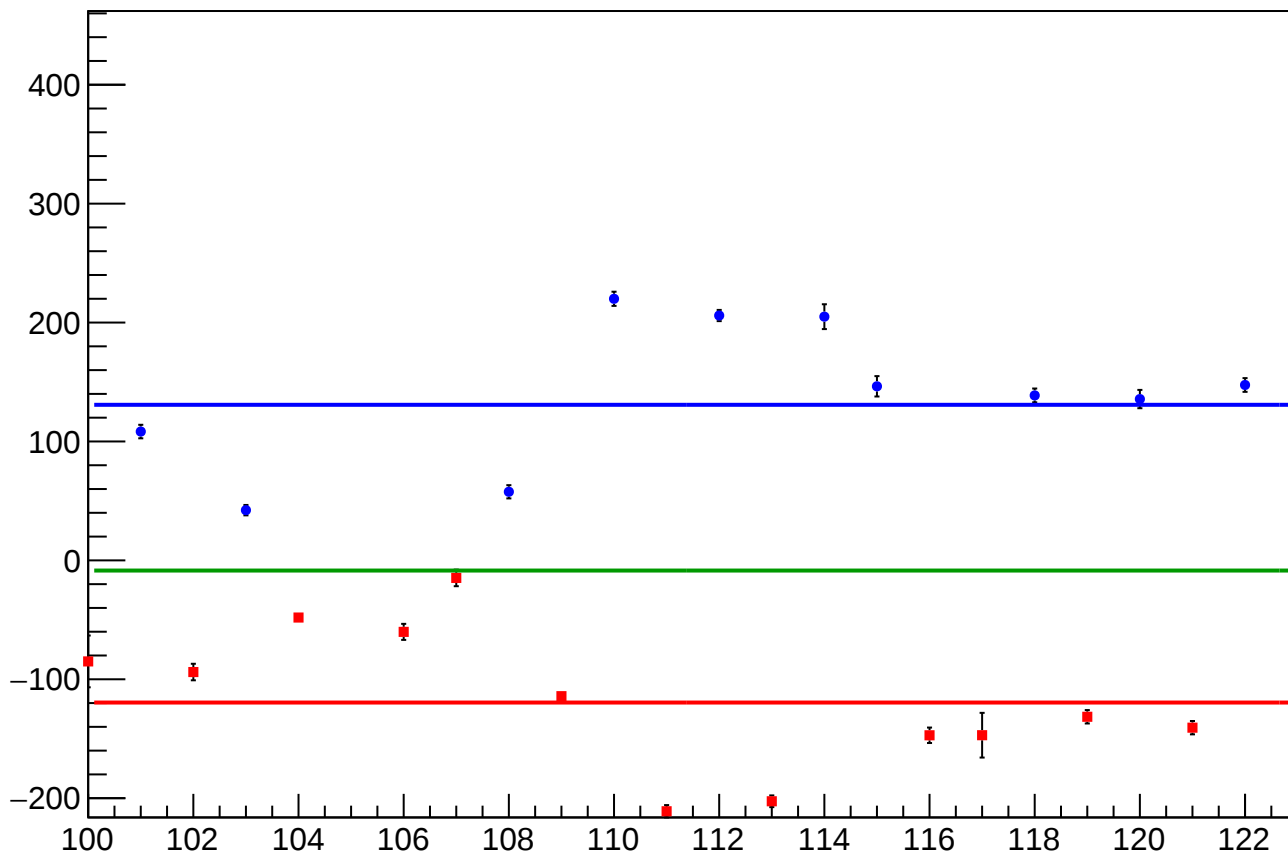
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.513+/-1.009 χ^2/NDF : 102.6/10

-0.477+/-0.688 χ^2/NDF : 271.6/22

3.903+/-0.941 χ^2/NDF : 122.4/11

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 130.828 $\pm$ 1.863 χ^2 /NDF: 1162.8/10

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

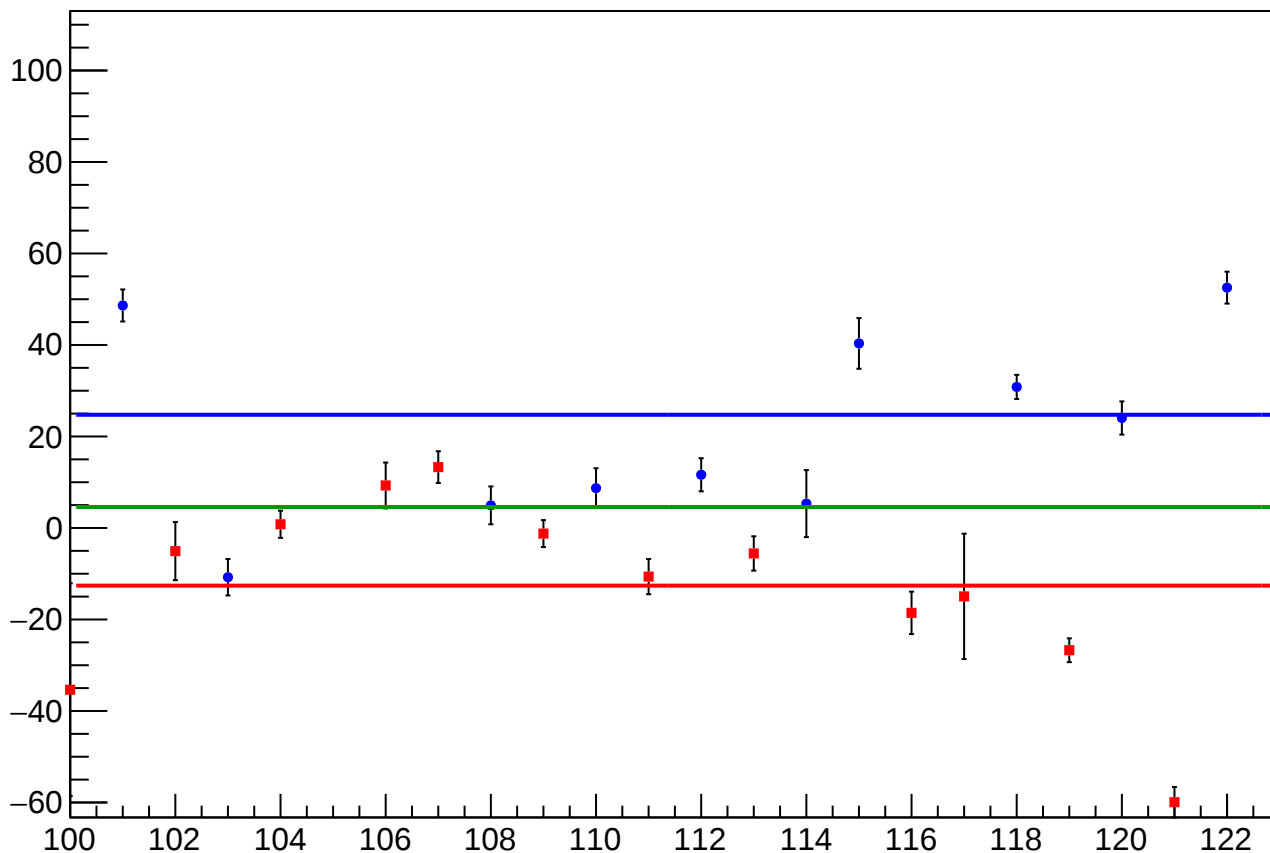
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

130.828 $\pm$ 1.863 χ^2 /NDF: 1162.8/10

-8.554 $\pm$ 1.240 χ^2 /NDF: 12468.4/22

-119.558 $\pm$ 1.662 χ^2 /NDF: 1247.5/11

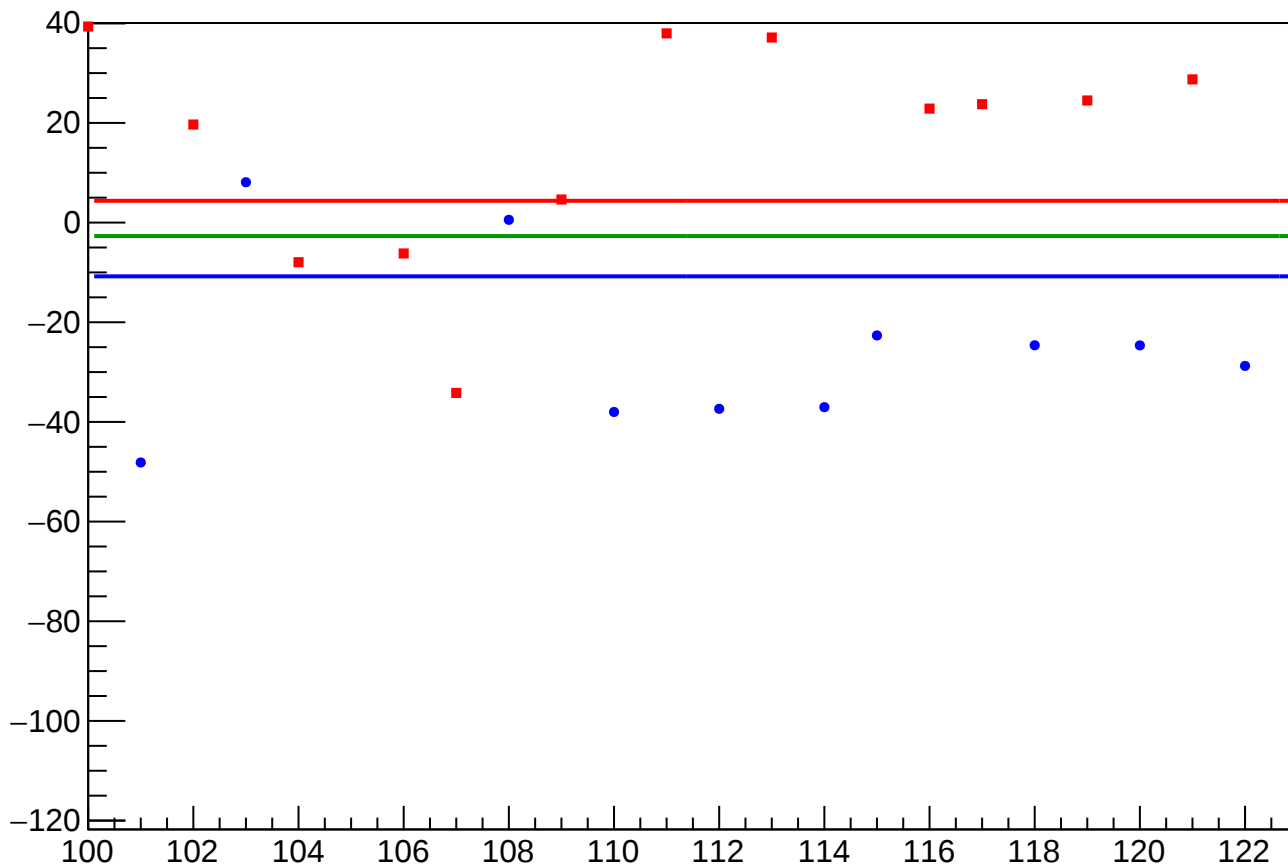
reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 24.750 ± 1.208 χ^2/NDF : 261.6/10
 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

24.750 ± 1.208 χ^2/NDF : 261.6/10
 4.580 ± 0.819 χ^2/NDF : 1126.7/22
 -12.603 ± 1.115 χ^2/NDF : 348.7/11

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -10.789+/-0.060 χ^2/NDF : 118414.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.374+/-0.056 χ^2/NDF : 147365.4/11

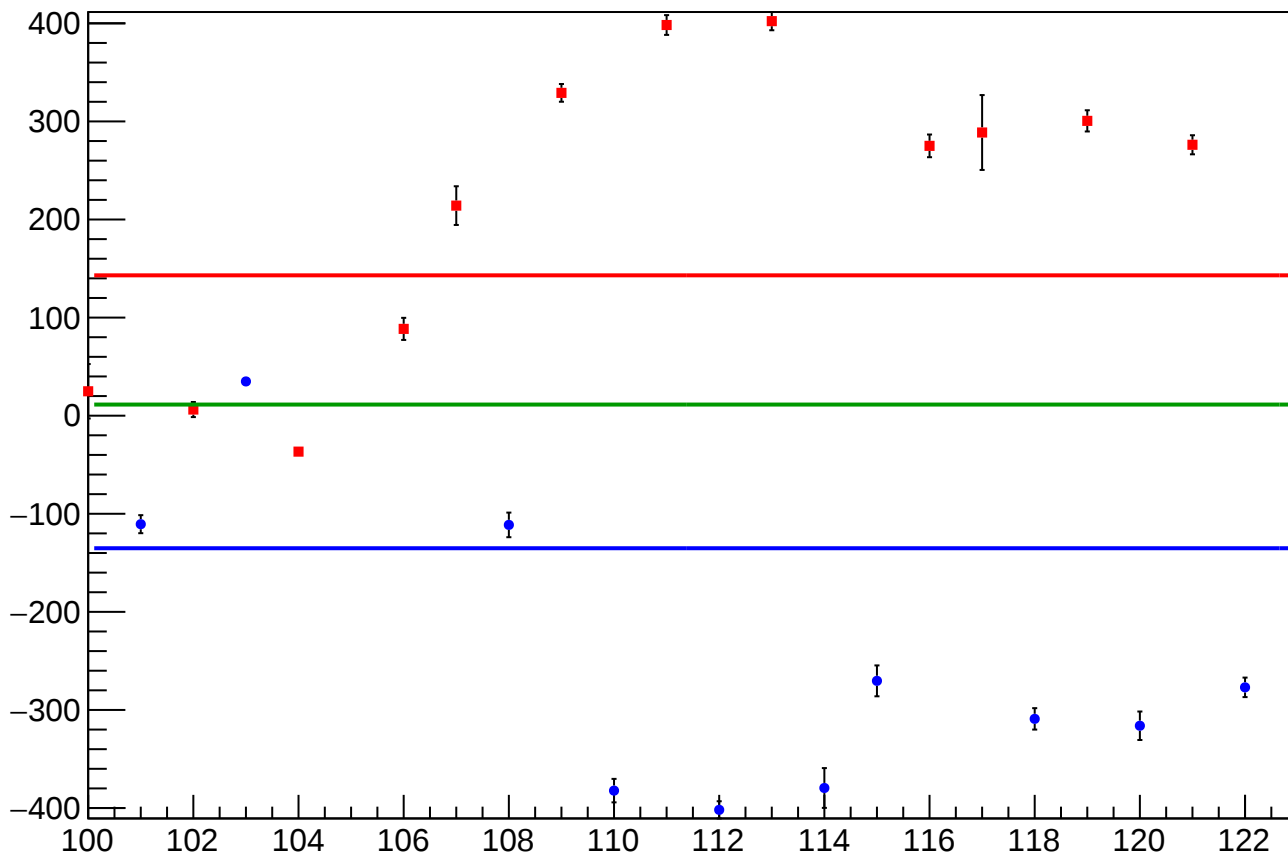
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-10.789+/-0.060 χ^2/NDF : 118414.2/10

-2.702+/-0.041 χ^2/NDF : 299808.7/22

4.374+/-0.056 χ^2/NDF : 147365.4/11

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -135.132+/-2.826 χ^2/NDF : 3849.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 143.084+/-2.681 χ^2/NDF : 4358.4/11

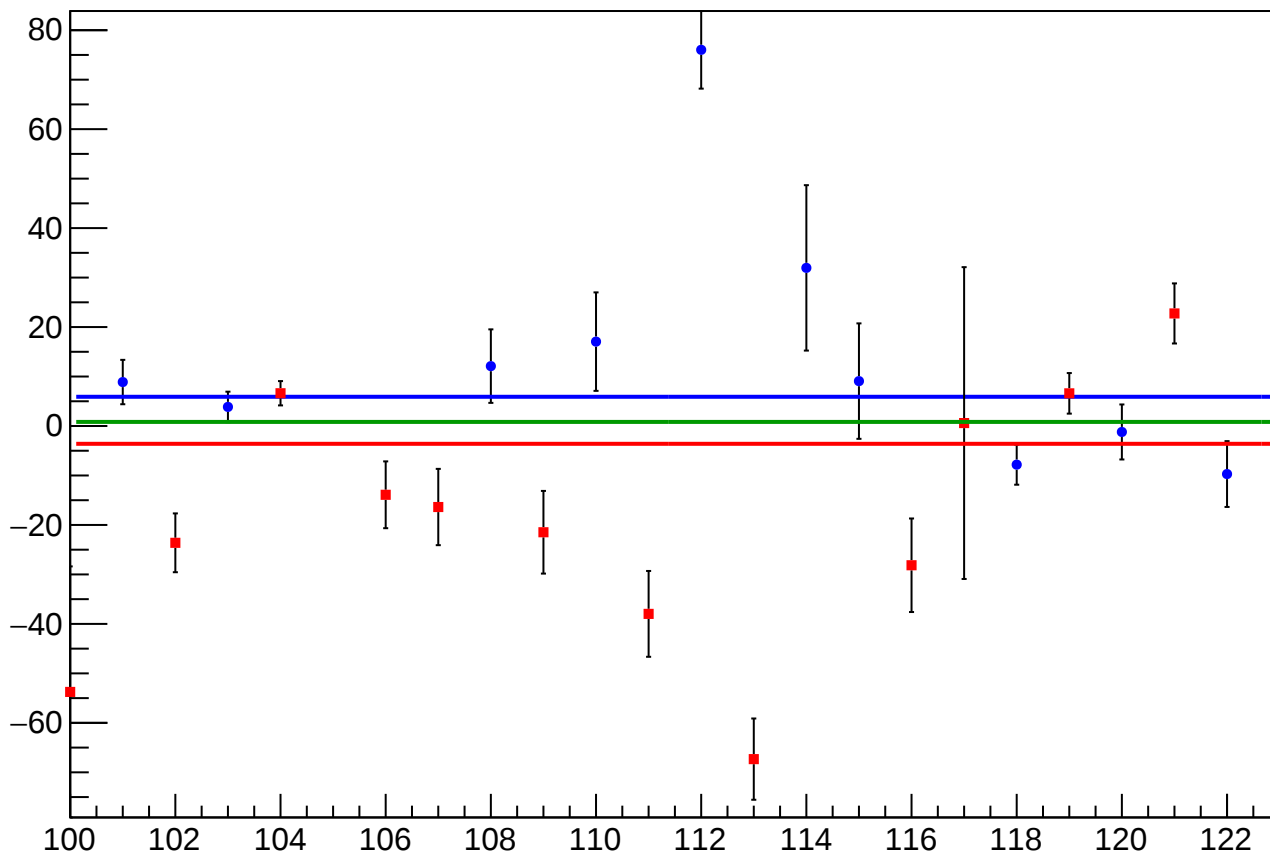
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-135.132+/-2.826 χ^2/NDF : 3849.6/10

11.342+/-1.945 χ^2/NDF : 13309.0/22

143.084+/-2.681 χ^2/NDF : 4358.4/11

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.907+/-1.749 χ^2/NDF : 103.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.599+/-1.632 χ^2/NDF : 149.9/11

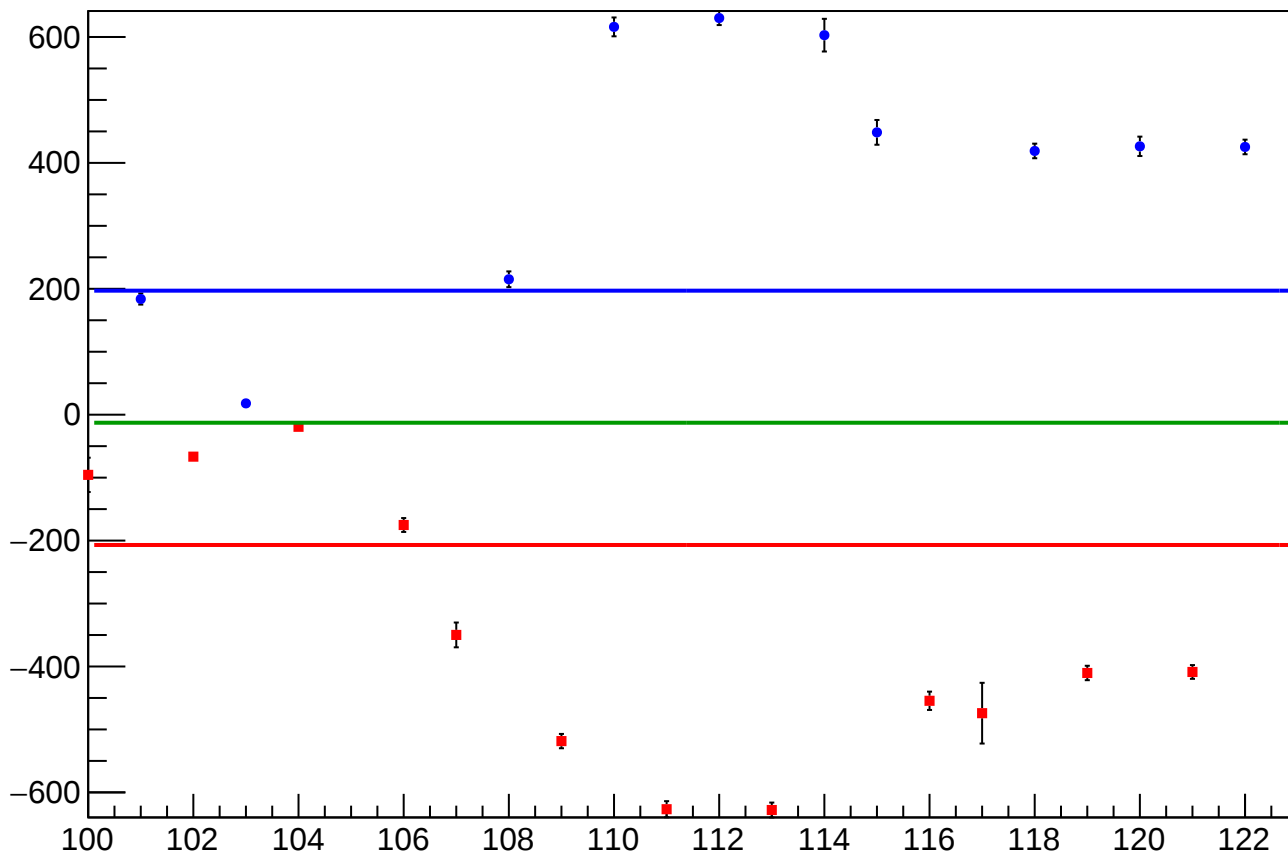
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.907+/-1.749 χ^2/NDF : 103.9/10

0.827+/-1.193 χ^2/NDF : 269.6/22

-3.599+/-1.632 χ^2/NDF : 149.9/11

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 197.013 $\pm$ 2.937 χ^2 /NDF: 5640.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -206.984 $\pm$ 2.826 χ^2 /NDF: 6370.5/11

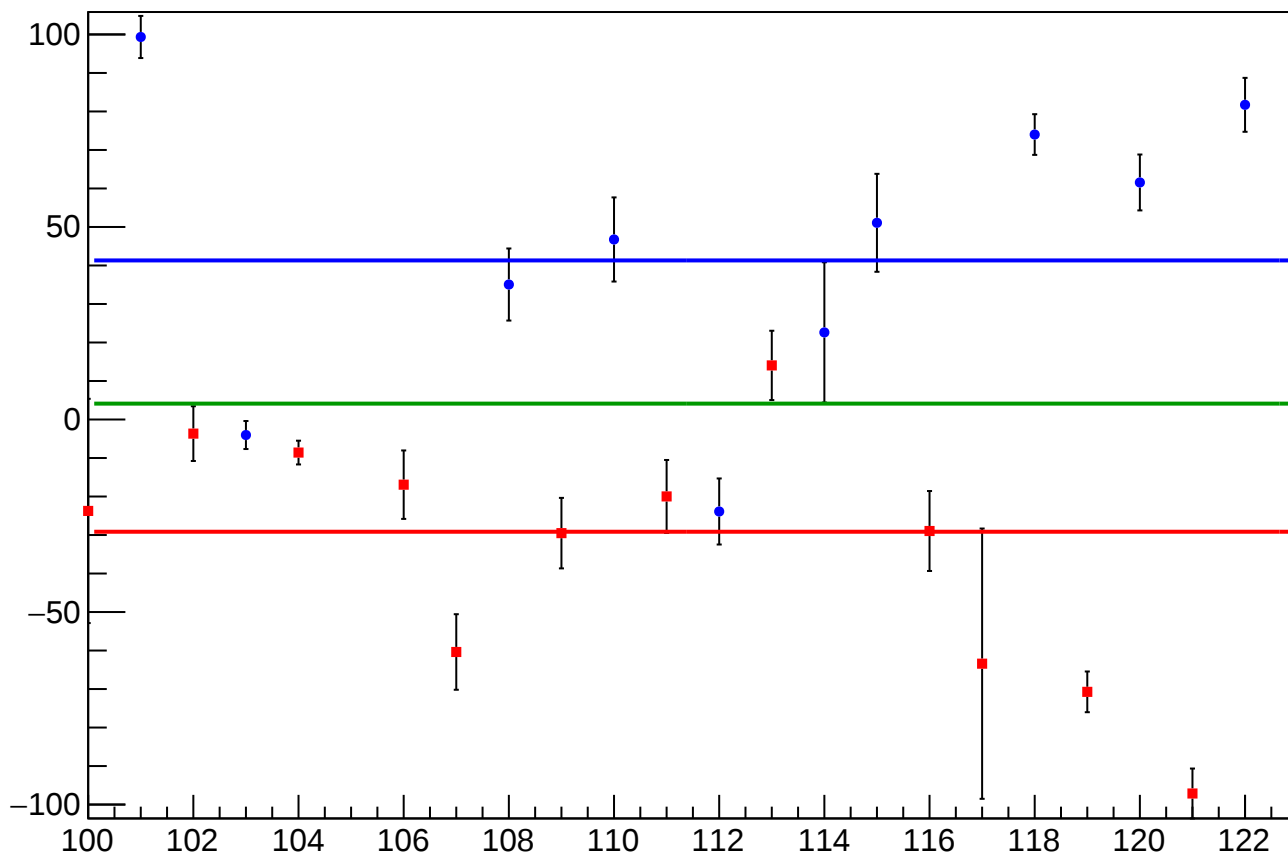
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

197.013 $\pm$ 2.937 χ^2 /NDF: 5640.5/10

-12.776 $\pm$ 2.036 χ^2 /NDF: 21838.1/22

-206.984 $\pm$ 2.826 χ^2 /NDF: 6370.5/11

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.313+/-2.097 χ^2 /NDF: 407.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -29.148+/-1.984 χ^2 /NDF: 266.1/11

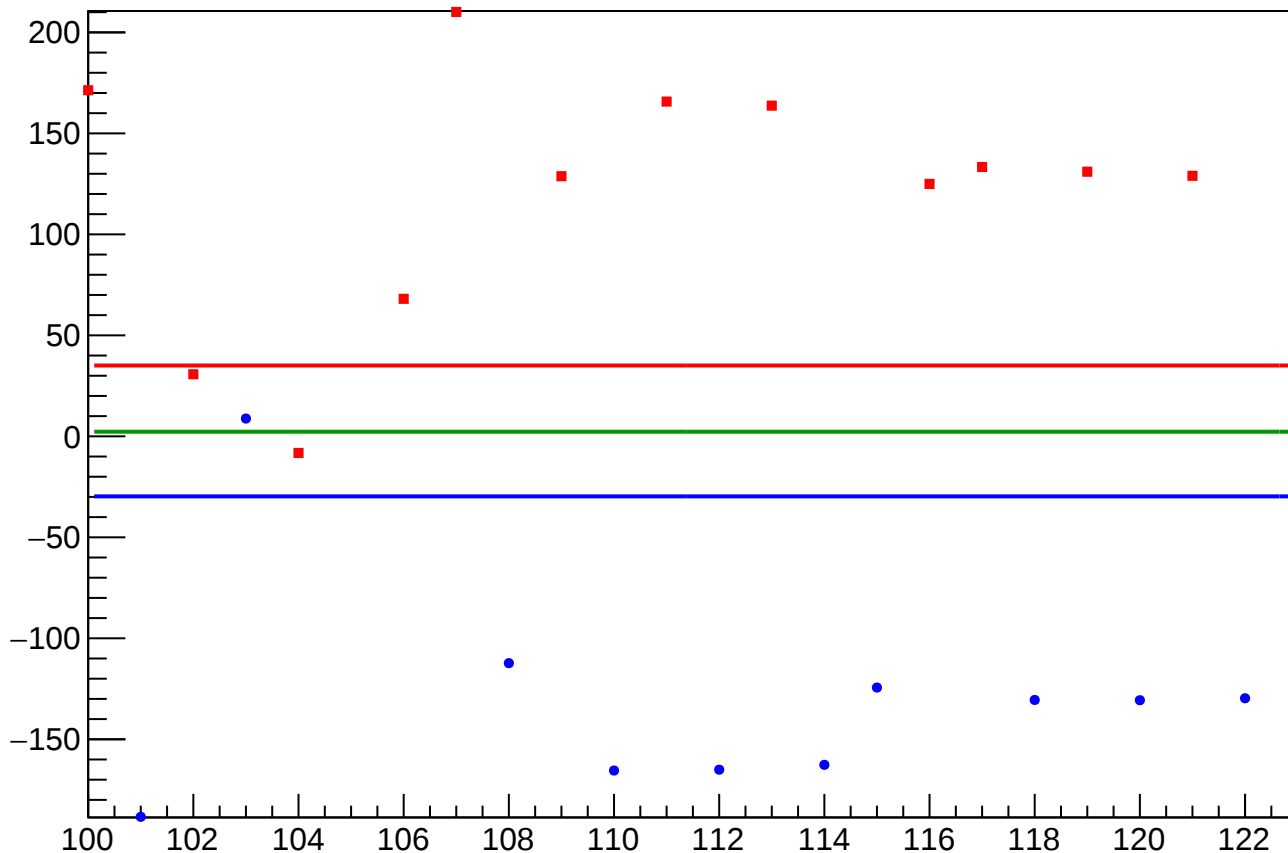
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

41.313+/-2.097 χ^2 /NDF: 407.8/10

4.125+/-1.441 χ^2 /NDF: 1269.6/22

-29.148+/-1.984 χ^2 /NDF: 266.1/11

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -29.730 ± 0.079 χ^2/NDF : 750969.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 35.070 ± 0.079 χ^2/NDF : 592078.2/11

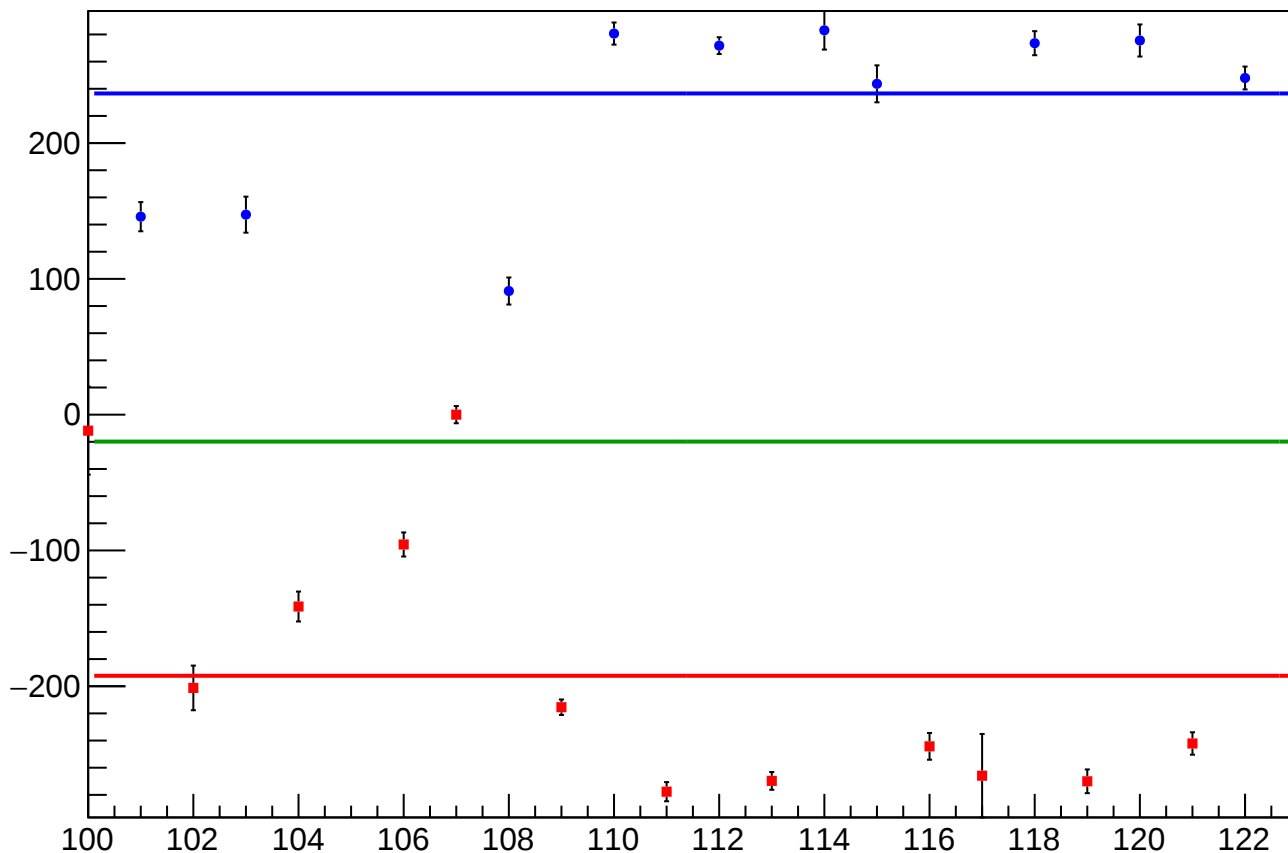
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-29.730 ± 0.079 χ^2/NDF : 750969.1/10

2.293 ± 0.056 χ^2/NDF : 1679517.8/22

35.070 ± 0.079 χ^2/NDF : 592078.2/11

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 236.551+/-3.012 χ^2/NDF : 433.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -192.298+/-2.471 χ^2/NDF : 1546.4/11

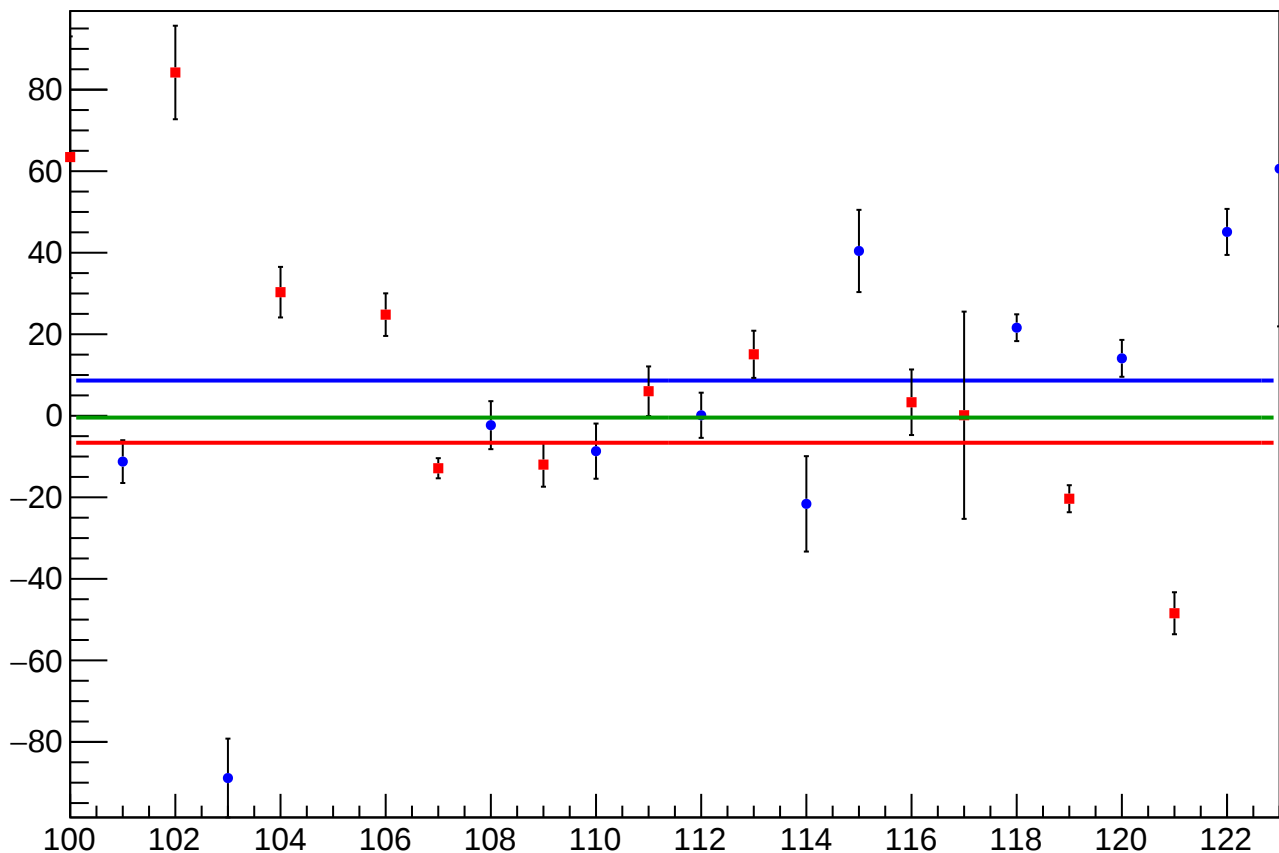
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

236.551+/-3.012 χ^2/NDF : 433.1/10

-19.826+/-1.910 χ^2/NDF : 14097.2/22

-192.298+/-2.471 χ^2/NDF : 1546.4/11

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.644 $\pm$ 1.765 χ^2 /NDF: 205.6/10

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

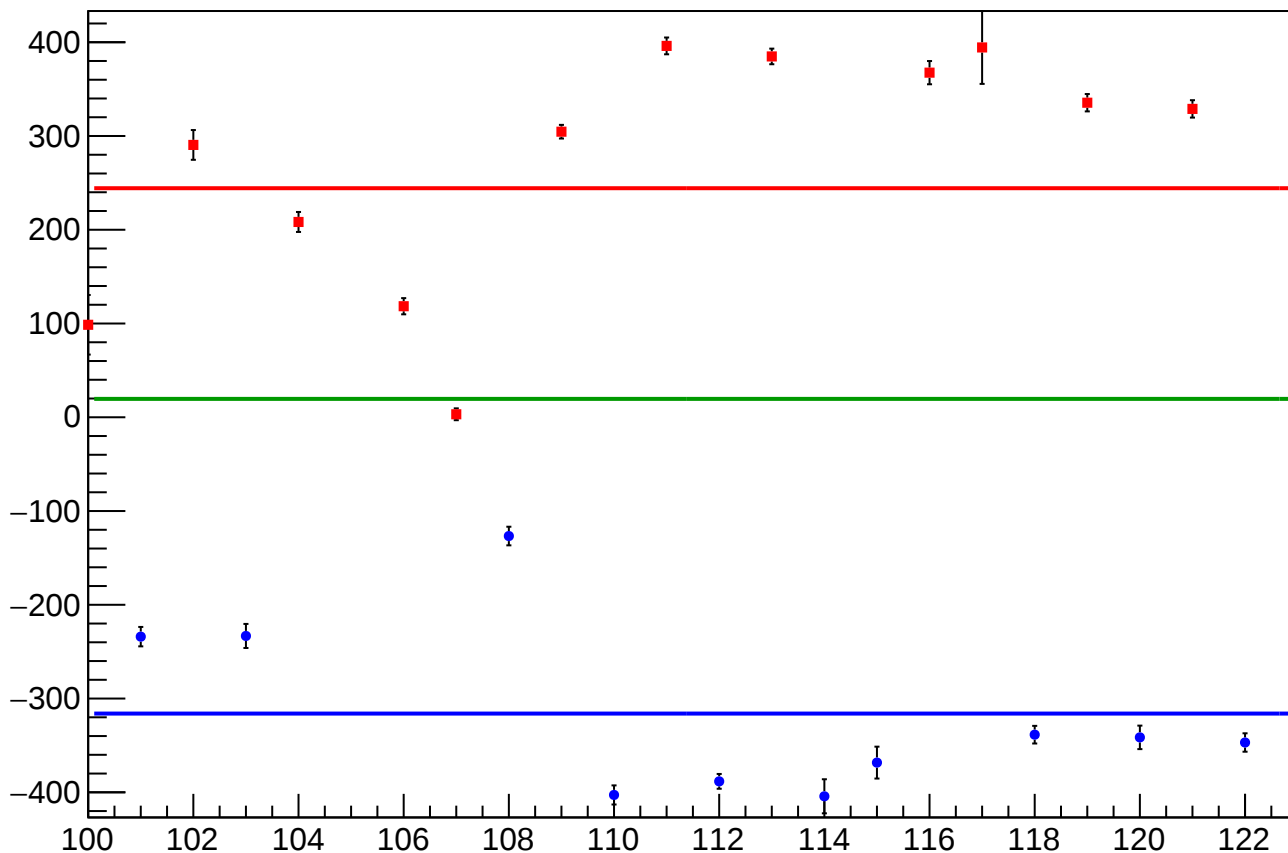
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8.644 $\pm$ 1.765 χ^2 /NDF: 205.6/10

-0.440 $\pm$ 1.123 χ^2 /NDF: 500.5/22

-6.614 $\pm$ 1.455 χ^2 /NDF: 250.4/11

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -316.025+/-3.410 χ^2/NDF : 678.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 244.303+/-2.790 χ^2/NDF : 2645.4/11

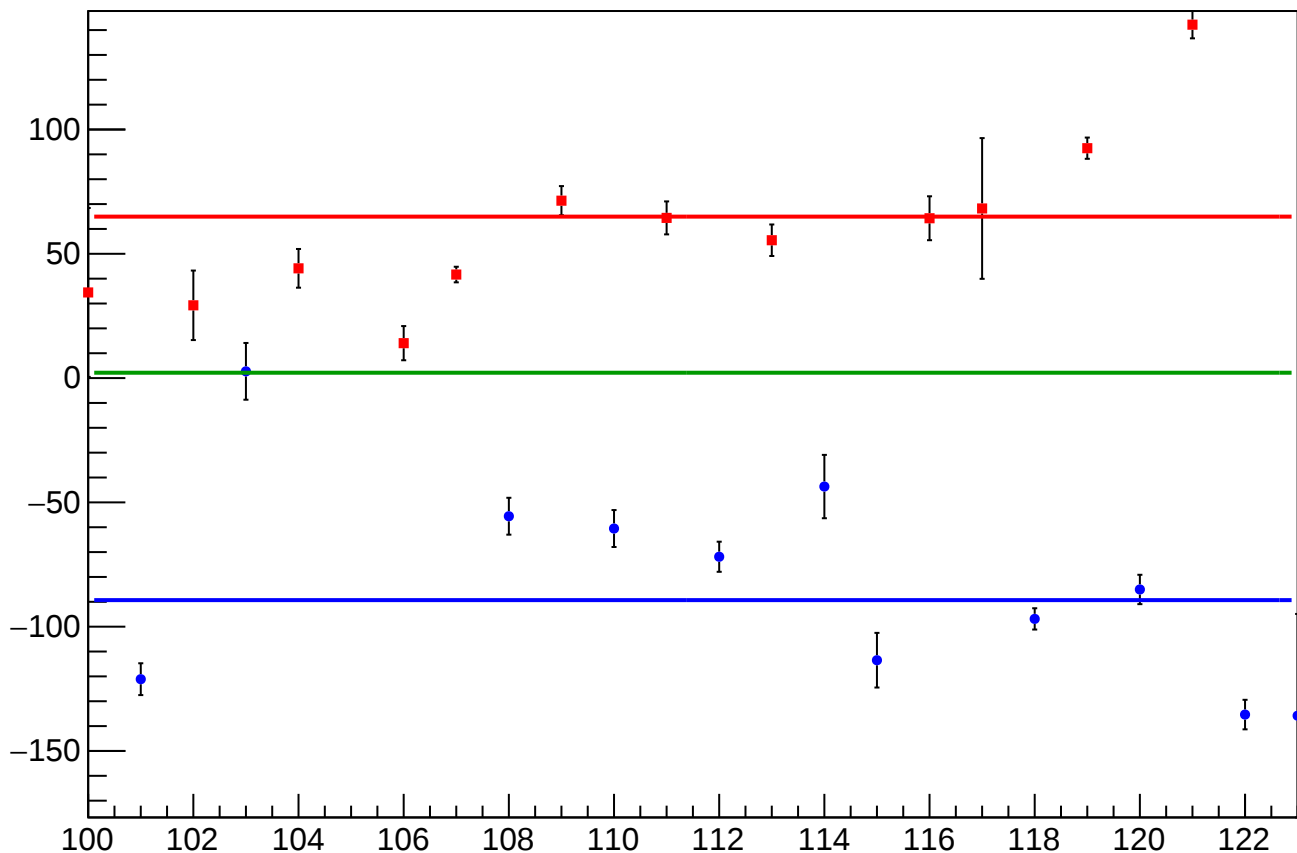
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-316.025+/-3.410 χ^2/NDF : 678.0/10

19.612+/-2.159 χ^2/NDF : 19498.4/22

244.303+/-2.790 χ^2/NDF : 2645.4/11

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -89.321+/-2.121 χ^2/NDF : 216.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.955+/-1.758 χ^2/NDF : 366.6/11

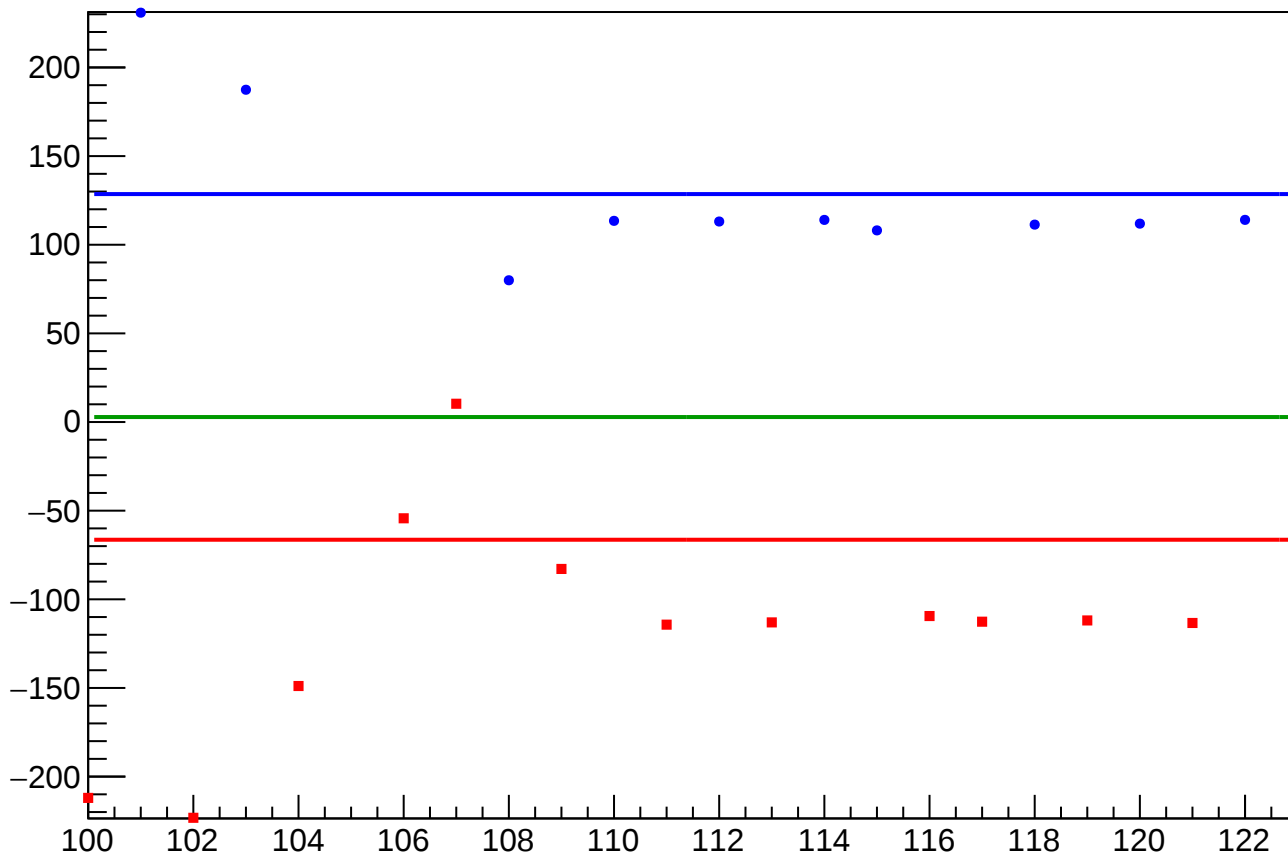
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-89.321+/-2.121 χ^2/NDF : 216.4/10

2.158+/-1.353 χ^2/NDF : 3718.8/22

64.955+/-1.758 χ^2/NDF : 366.6/11

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 128.575+/-0.120 χ^2/NDF : 171732.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -66.397+/-0.089 χ^2/NDF : 634151.5/11

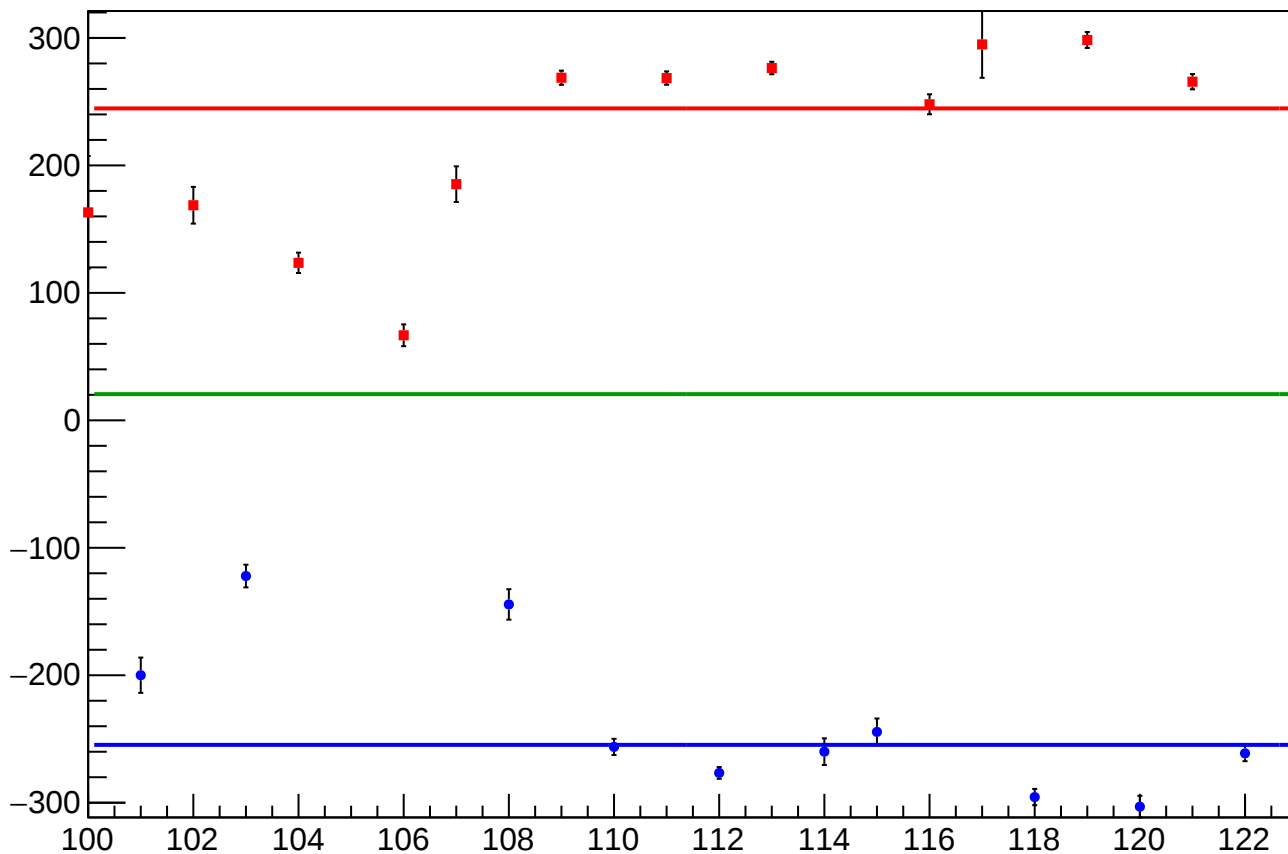
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

128.575+/-0.120 χ^2/NDF : 171732.5/10

2.812+/-0.071 χ^2/NDF : 2517732.7/22

-66.397+/-0.089 χ^2/NDF : 634151.5/11

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -254.613 ± 2.356 χ^2/NDF : 455.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 244.718 ± 2.126 χ^2/NDF : 882.0/11

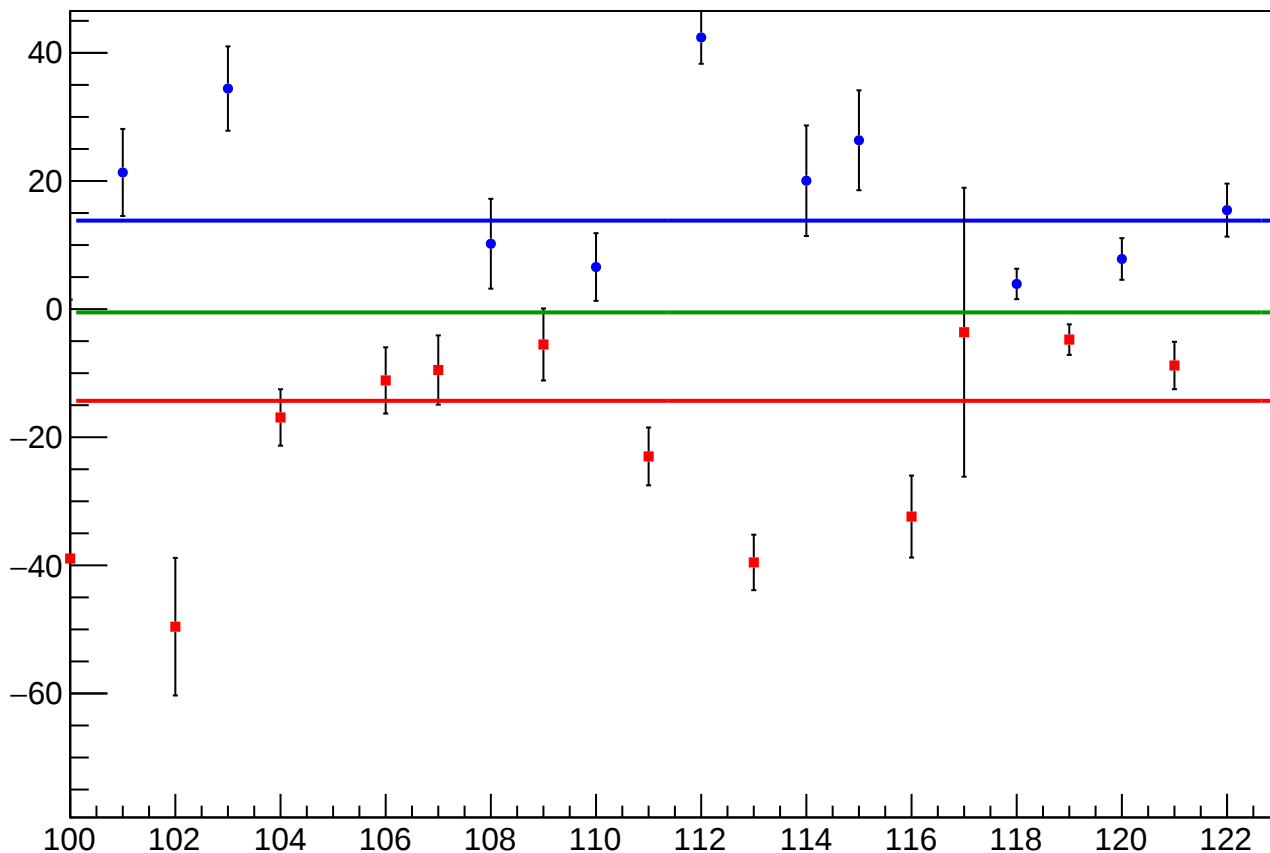
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-254.613 ± 2.356 χ^2/NDF : 455.3/10

20.549 ± 1.578 χ^2/NDF : 26094.4/22

244.718 ± 2.126 χ^2/NDF : 882.0/11

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.816+/-1.384 χ^2 /NDF: 87.0/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -14.314+/-1.358 χ^2 /NDF: 79.3/11

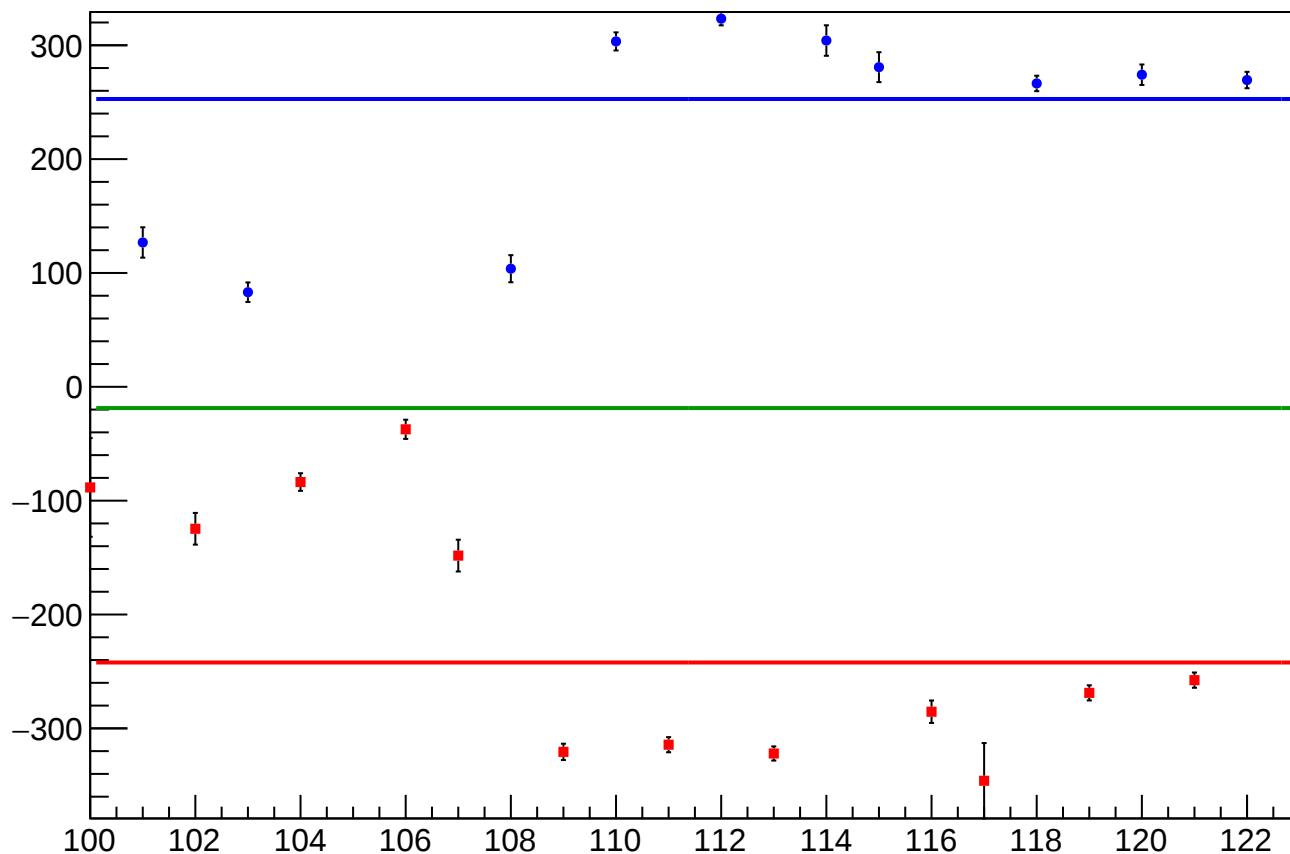
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

13.816+/-1.384 χ^2 /NDF: 87.0/10

-0.513+/-0.969 χ^2 /NDF: 376.7/22

-14.314+/-1.358 χ^2 /NDF: 79.3/11

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 252.800 $\pm$ 2.709 χ^2 /NDF: 886.5/10

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

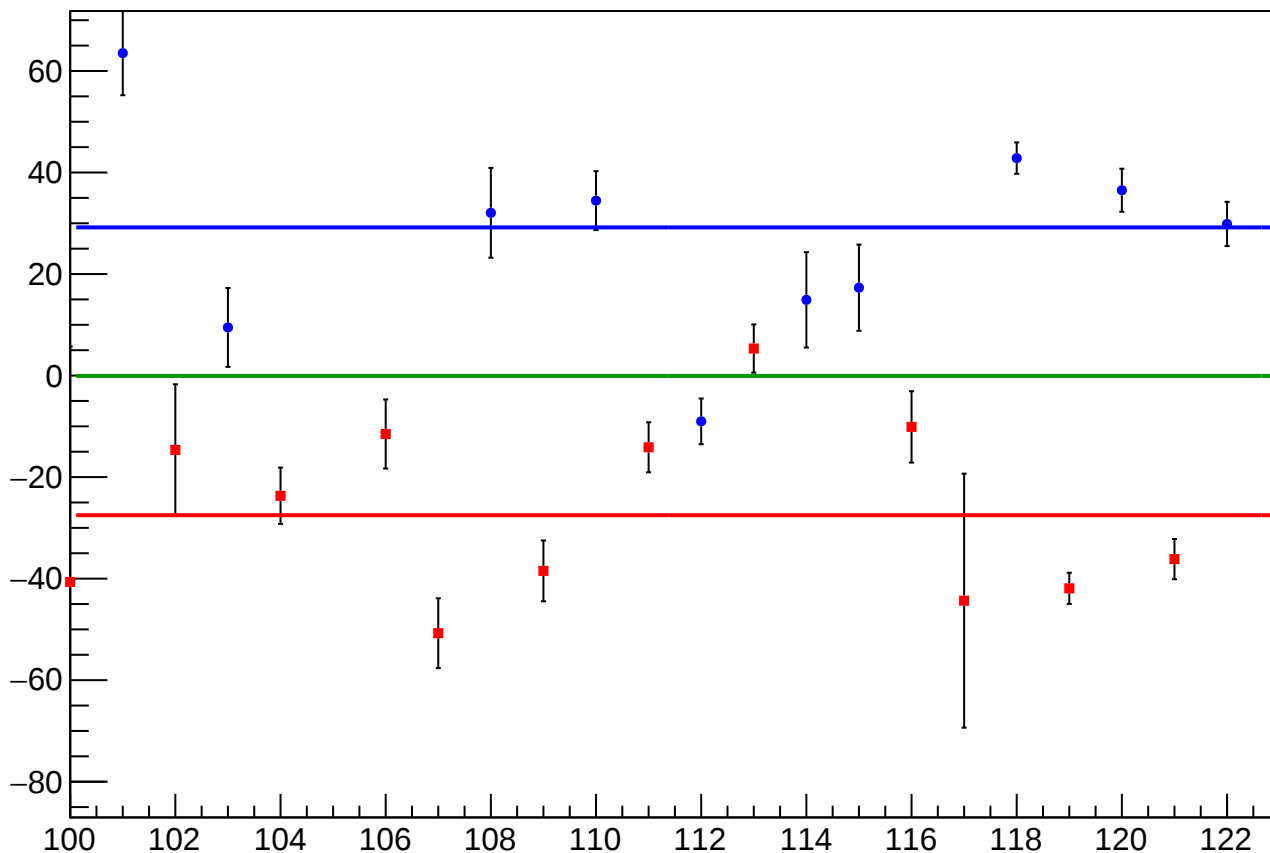
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

252.800 $\pm$ 2.709 χ^2 /NDF: 886.5/10

-18.663 $\pm$ 1.820 χ^2 /NDF: 20790.1/22

-242.146 $\pm$ 2.458 χ^2 /NDF: 1592.7/11

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 29.191+/-1.661 χ^2 /NDF: 123.7/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -27.503+/-1.608 χ^2 /NDF: 110.5/11

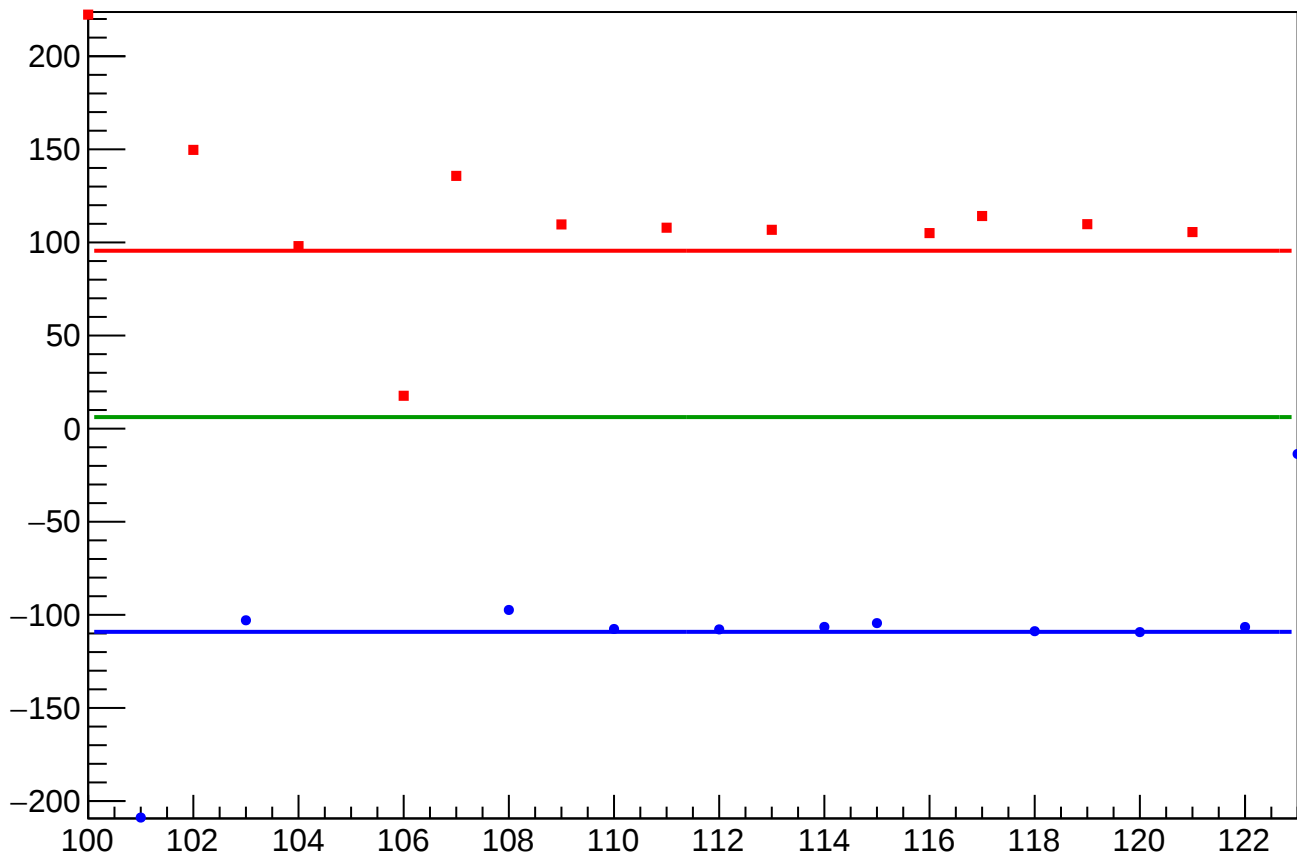
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

29.191+/-1.661 χ^2 /NDF: 123.7/10

-0.070+/-1.155 χ^2 /NDF: 835.6/22

-27.503+/-1.608 χ^2 /NDF: 110.5/11

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -109.128+/-0.099 χ^2/NDF : 48918.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.538+/-0.088 χ^2/NDF : 201710.9/11

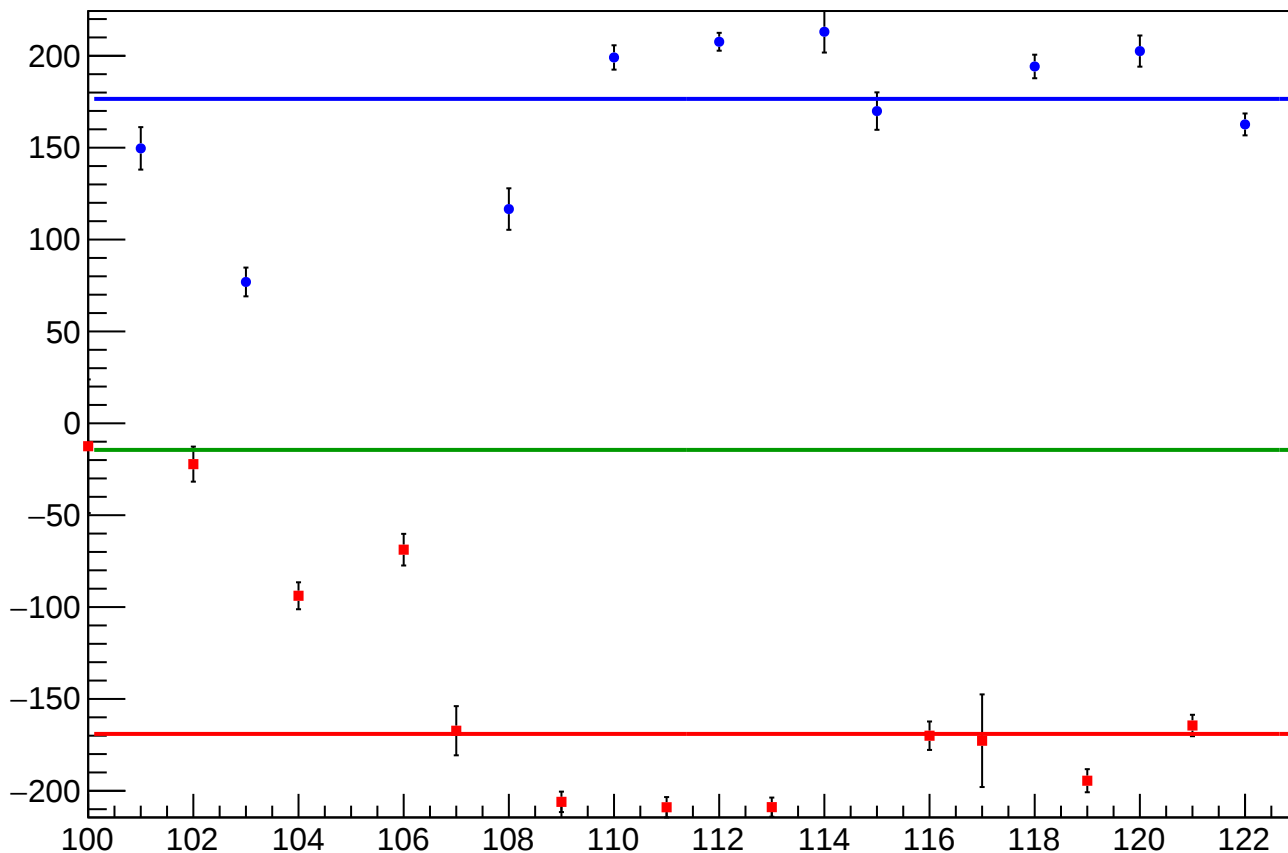
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-109.128+/-0.099 χ^2/NDF : 48918.7/10

6.206+/-0.066 χ^2/NDF : 2637864.5/22

95.538+/-0.088 χ^2/NDF : 201710.9/11

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 176.556±/-2.348 χ^2/NDF : 316.4/10

Left Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

Right Out: -169.031±/-2.112 χ^2/NDF : 667.7/11

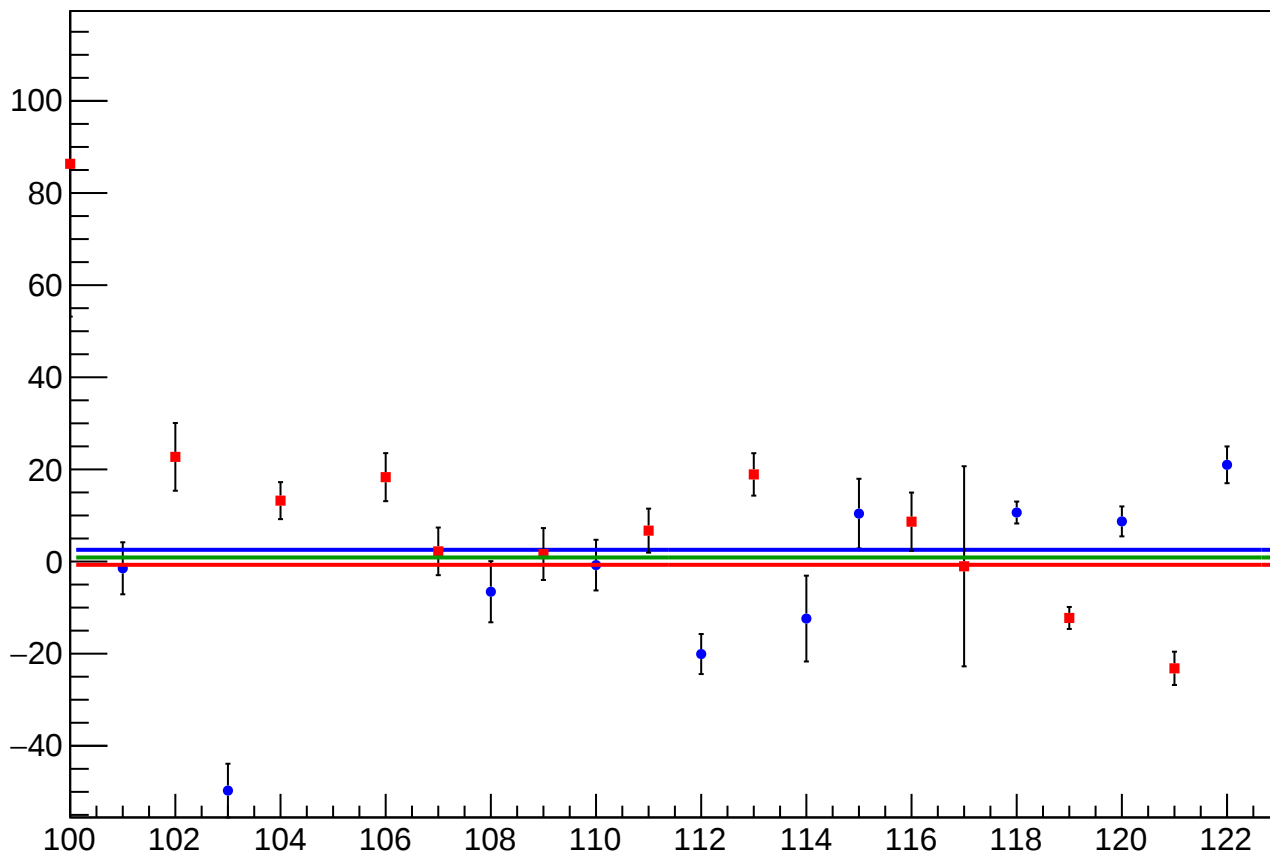
Left In: 0.000±/-0.000 χ^2/NDF : 0.0/0

176.556±/-2.348 χ^2/NDF : 316.4/10

-14.469±/-1.571 χ^2/NDF : 12954.2/22

-169.031±/-2.112 χ^2/NDF : 667.7/11

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.548+/-1.368 χ^2/NDF : 151.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.709+/-1.339 χ^2/NDF : 127.7/11

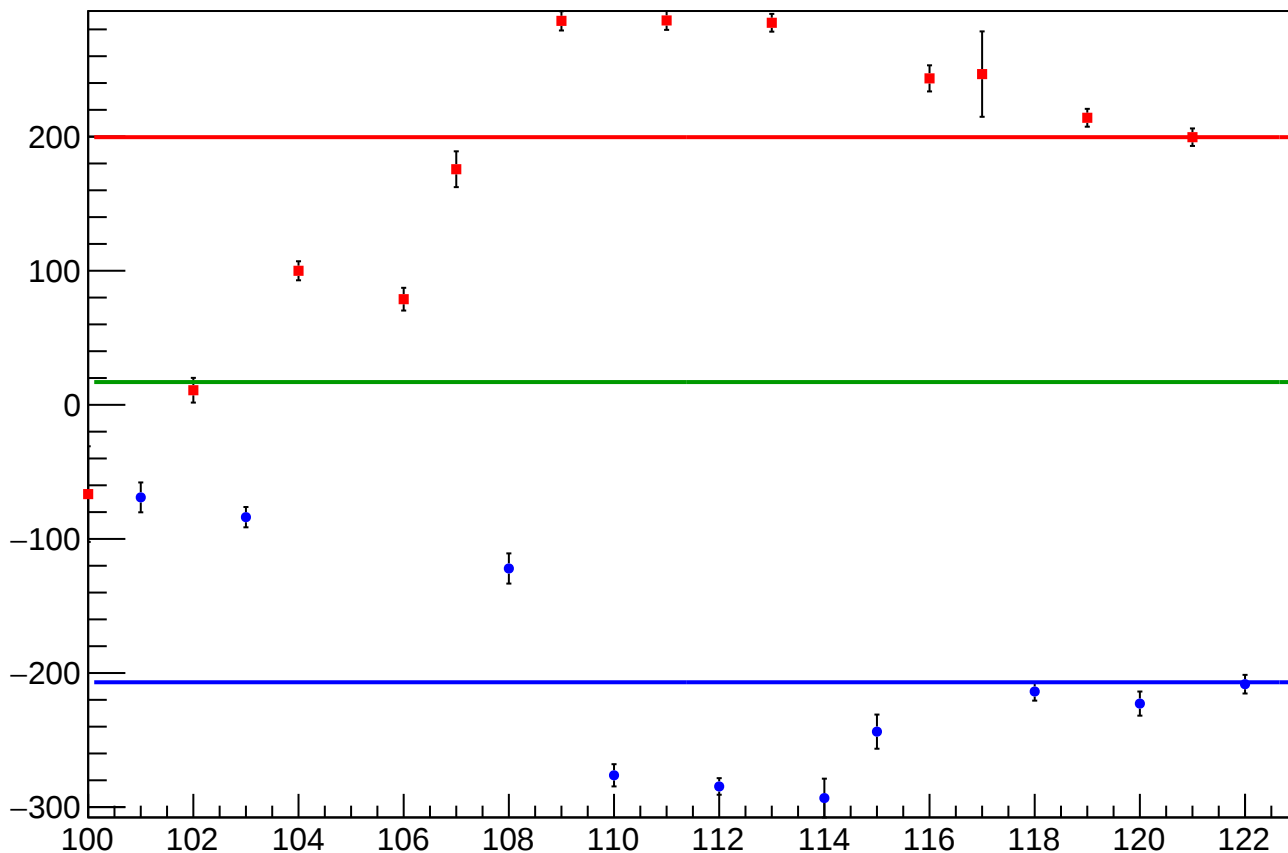
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.548+/-1.368 χ^2/NDF : 151.3/10

0.885+/-0.957 χ^2/NDF : 281.9/22

-0.709+/-1.339 χ^2/NDF : 127.7/11

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -206.895+/-2.671 χ^2/NDF : 781.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.620+/-2.412 χ^2/NDF : 1370.5/11

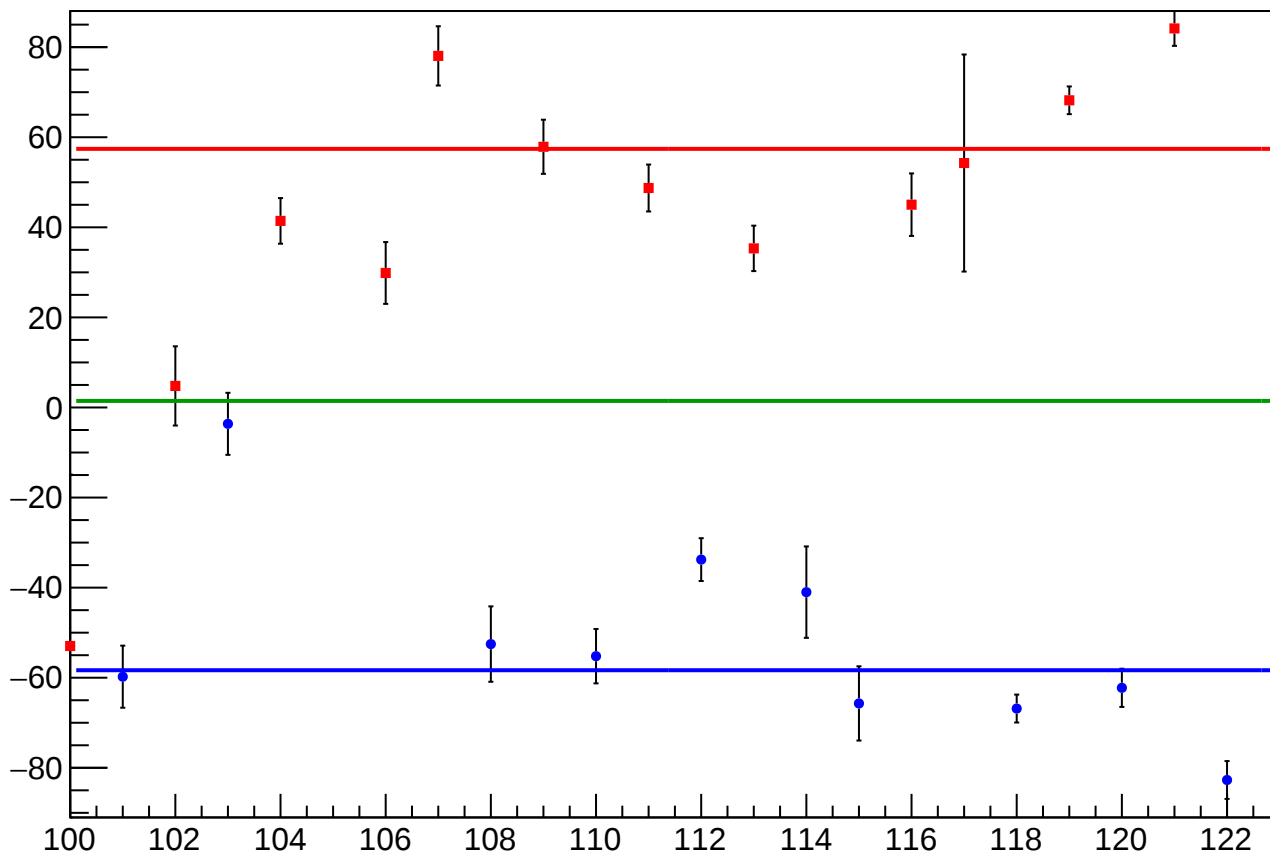
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-206.895+/-2.671 χ^2/NDF : 781.7/10

16.988+/-1.790 χ^2/NDF : 14912.8/22

199.620+/-2.412 χ^2/NDF : 1370.5/11

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -58.338 $\pm$ 1.643 χ^2 /NDF: 137.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 57.418 $\pm$ 1.589 χ^2 /NDF: 165.4/11

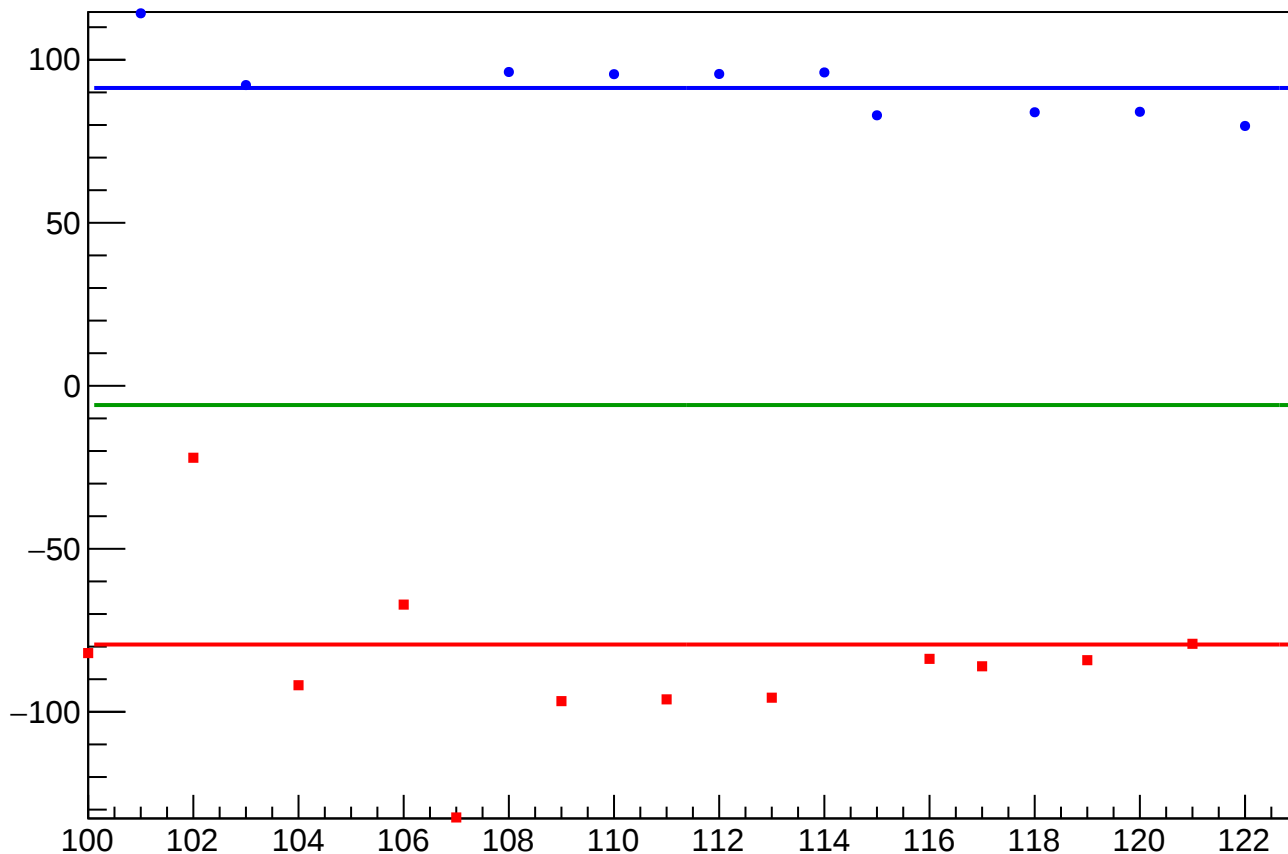
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-58.338 $\pm$ 1.643 χ^2 /NDF: 137.7/10

1.458 $\pm$ 1.142 χ^2 /NDF: 2867.7/22

57.418 $\pm$ 1.589 χ^2 /NDF: 165.4/11

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 91.359+/-0.095 χ^2/NDF : 9945.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -79.355+/-0.082 χ^2/NDF : 119748.7/11

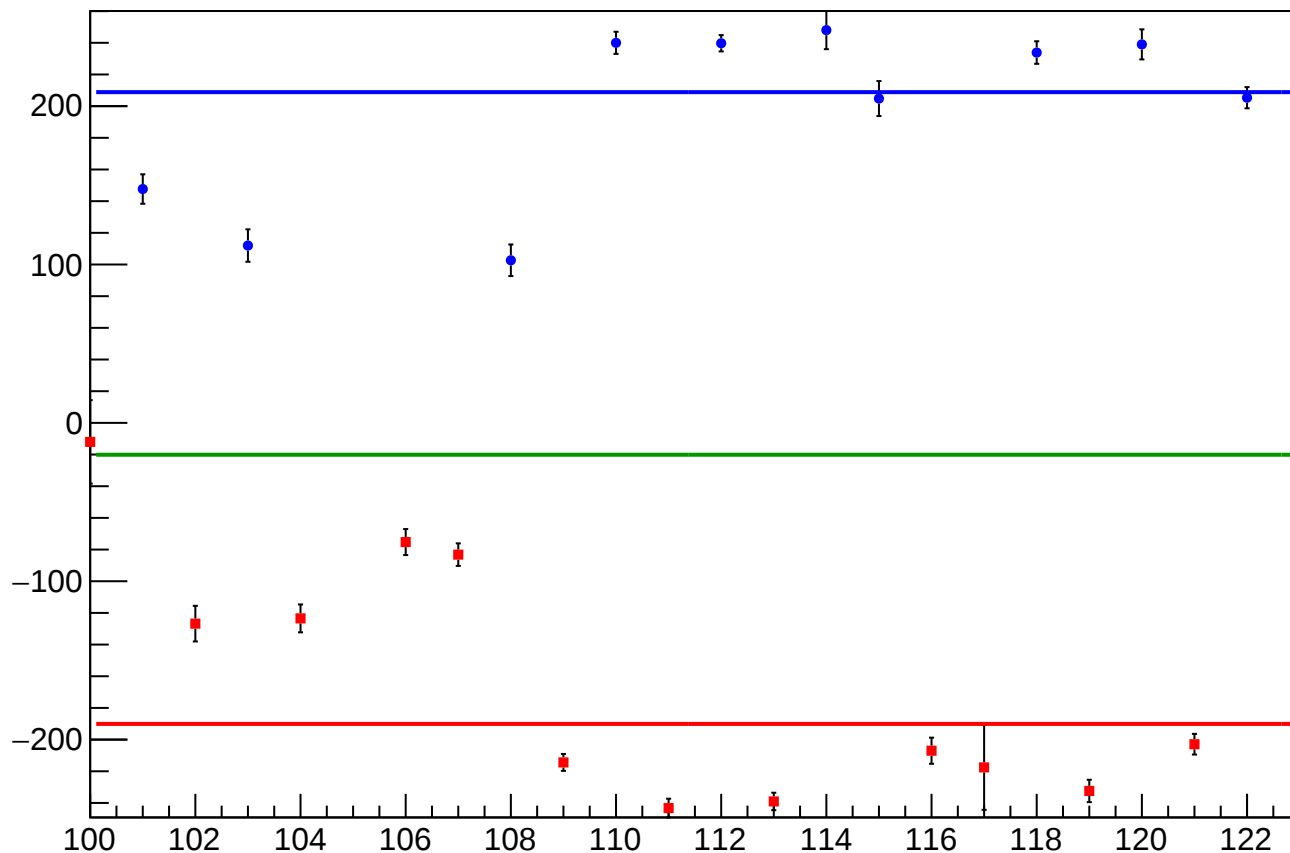
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

91.359+/-0.095 χ^2/NDF : 9945.3/10

-5.900+/-0.062 χ^2/NDF : 1974919.5/22

-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: 208.846 $\pm$ 2.514 χ^2 /NDF: 346.4/10

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

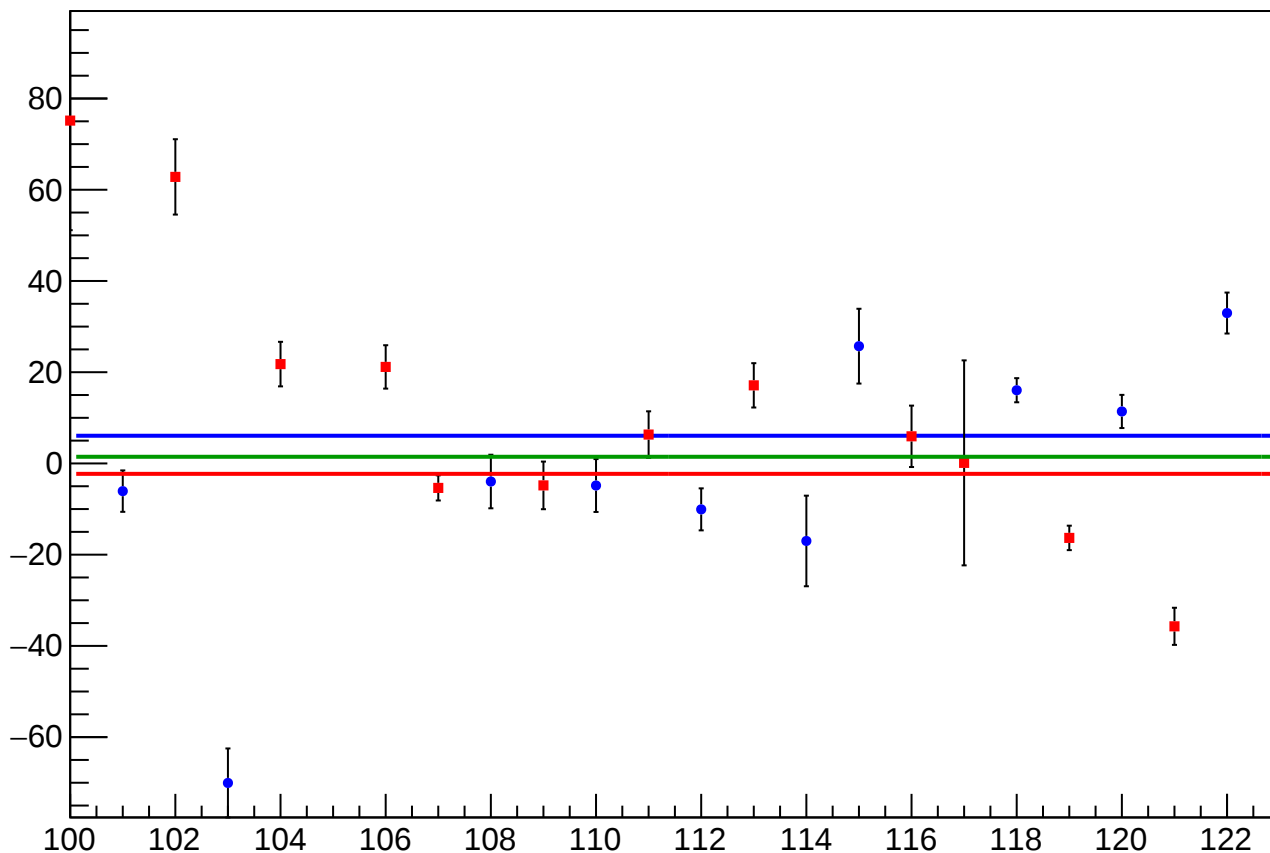
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

208.846 $\pm$ 2.514 χ^2 /NDF: 346.4/10

-20.127 $\pm$ 1.641 χ^2 /NDF: 15586.6/22

-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: 6.072 $\pm$ 1.463 χ^2 /NDF: 193.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.283 $\pm$ 1.318 χ^2 /NDF: 237.8/11

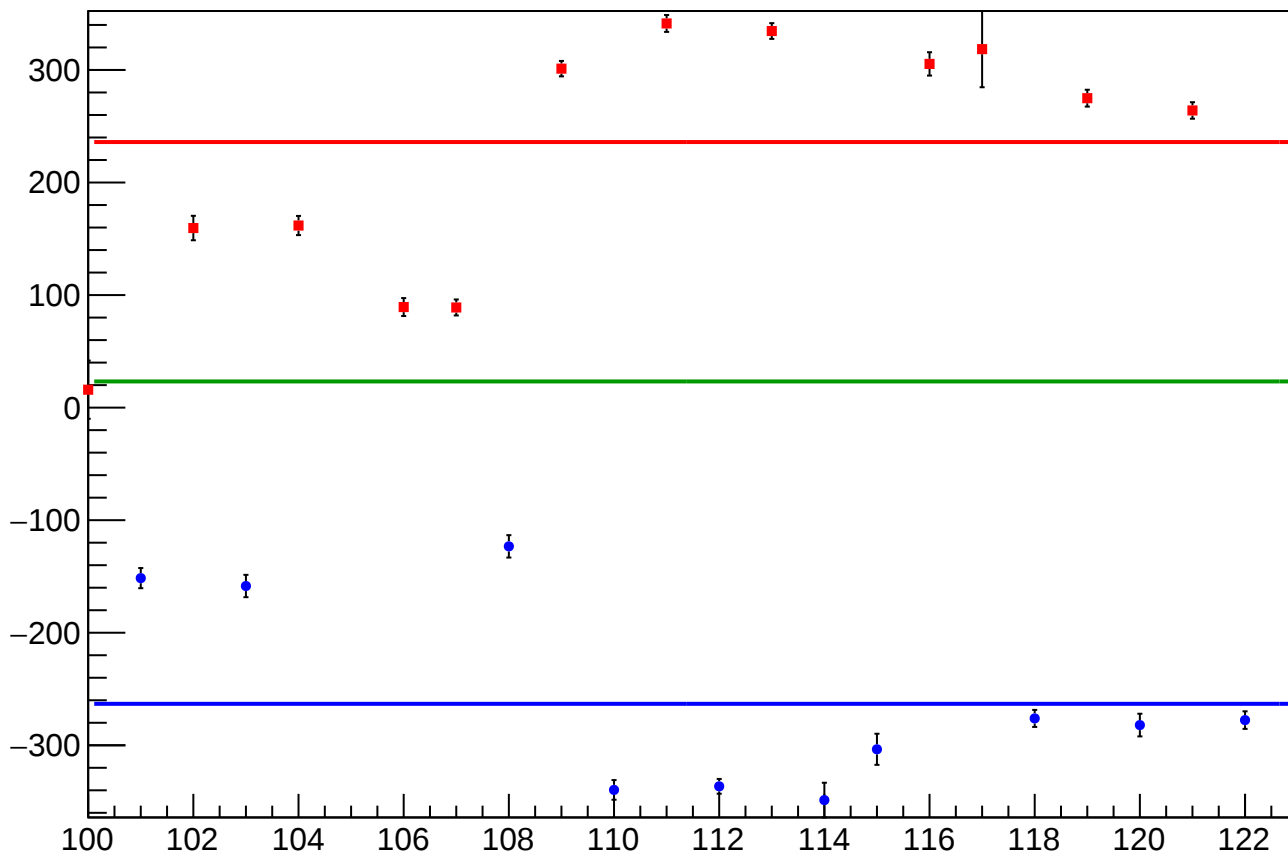
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6.072 $\pm$ 1.463 χ^2 /NDF: 193.5/10

1.461 $\pm$ 0.979 χ^2 /NDF: 449.3/22

-2.283 $\pm$ 1.318 χ^2 /NDF: 237.8/11

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -263.160+/-2.853 χ^2/NDF : 722.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 235.964+/-2.458 χ^2/NDF : 1543.0/11

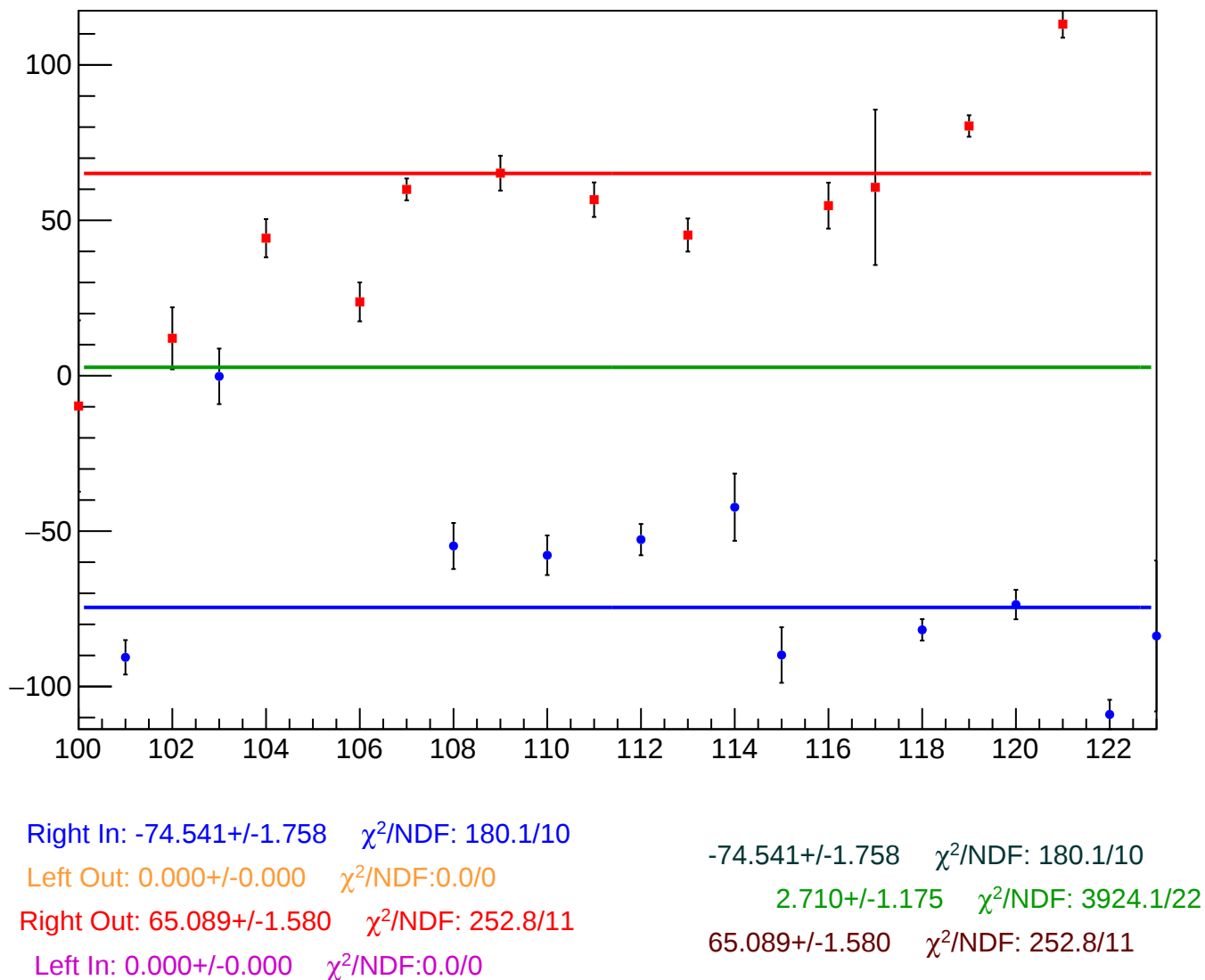
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-263.160+/-2.853 χ^2/NDF : 722.0/10

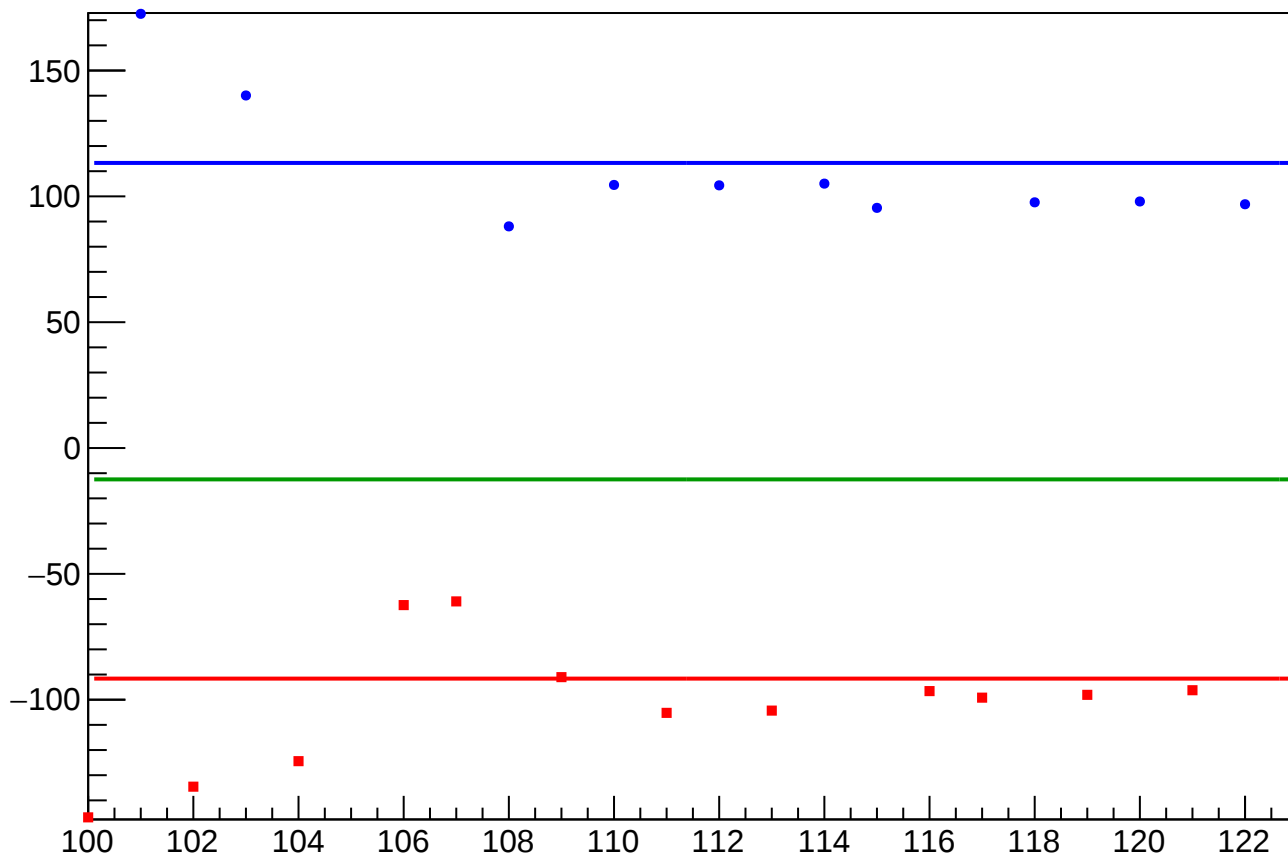
23.273+/-1.862 χ^2/NDF : 19830.3/22

235.964+/-2.458 χ^2/NDF : 1543.0/11

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 113.285+/-0.102 χ^2/NDF : 70462.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -91.618+/-0.081 χ^2/NDF : 113748.7/11

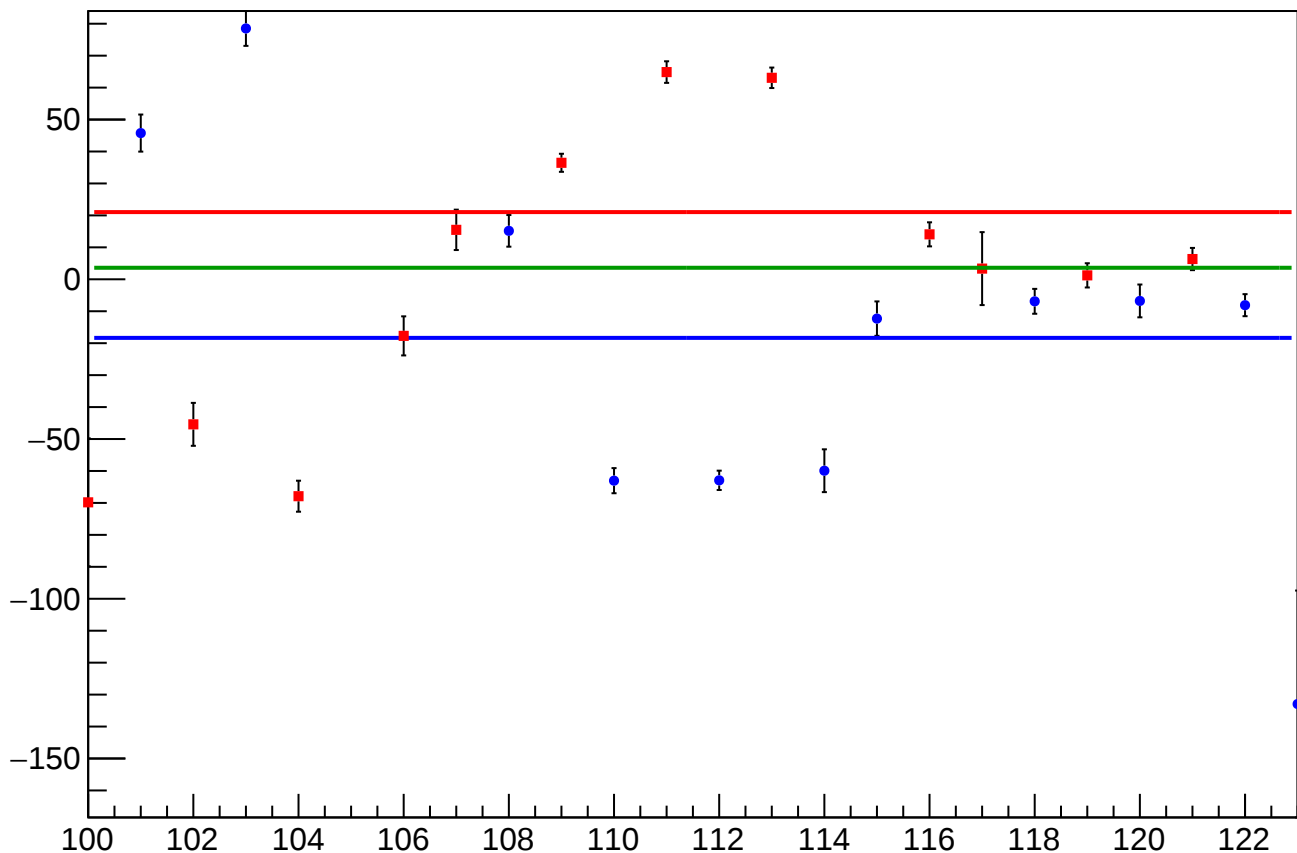
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

113.285+/-0.102 χ^2/NDF : 70462.0/10

-12.460+/-0.064 χ^2/NDF : 2643911.7/22

-91.618+/-0.081 χ^2/NDF : 113748.7/11

reg_asym_atl_dd_atr_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -18.337+/-1.382 χ^2/NDF : 902.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.035+/-1.231 χ^2/NDF : 916.0/11

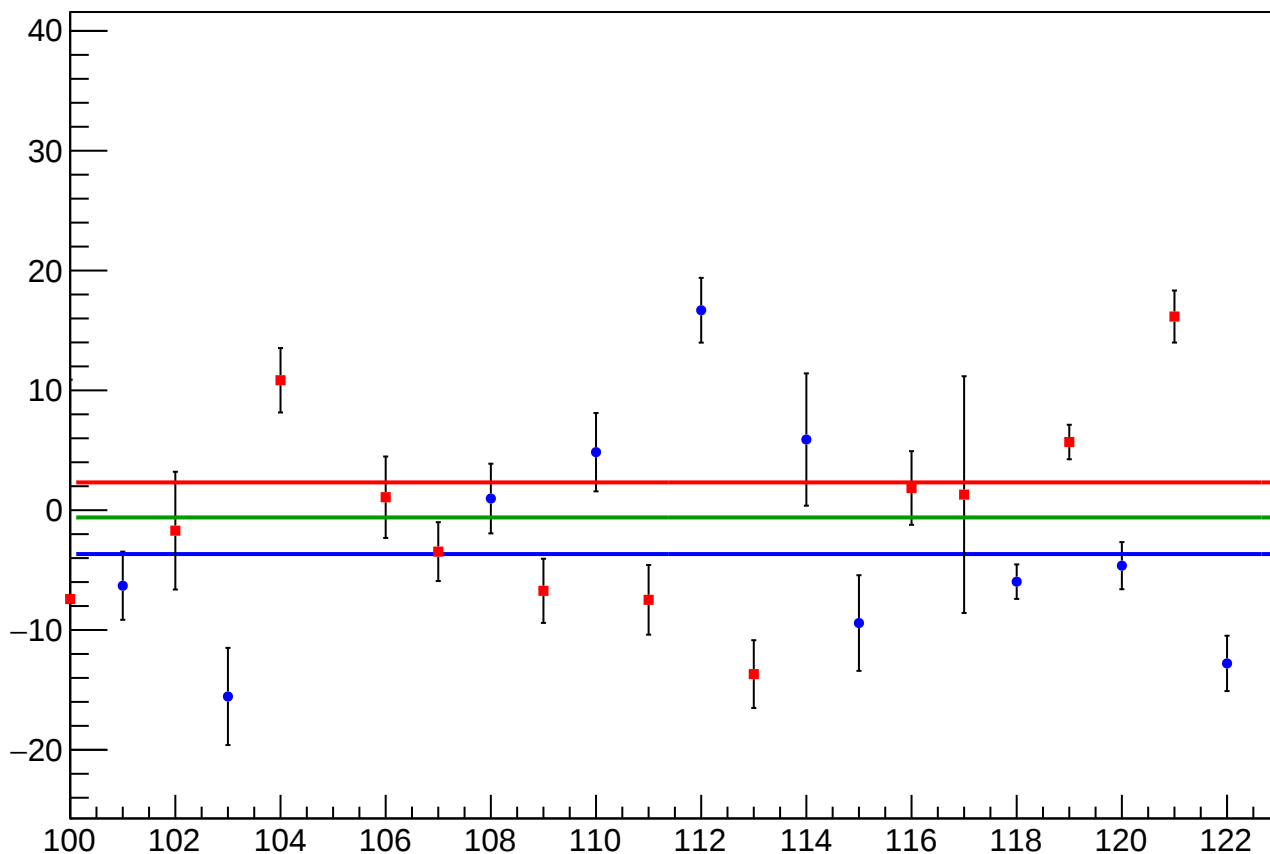
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-18.337+/-1.382 χ^2/NDF : 902.3/10

3.609+/-0.919 χ^2/NDF : 2270.7/22

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: -3.662+/-0.801 χ^2/NDF : 99.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.319+/-0.784 χ^2/NDF : 117.6/11

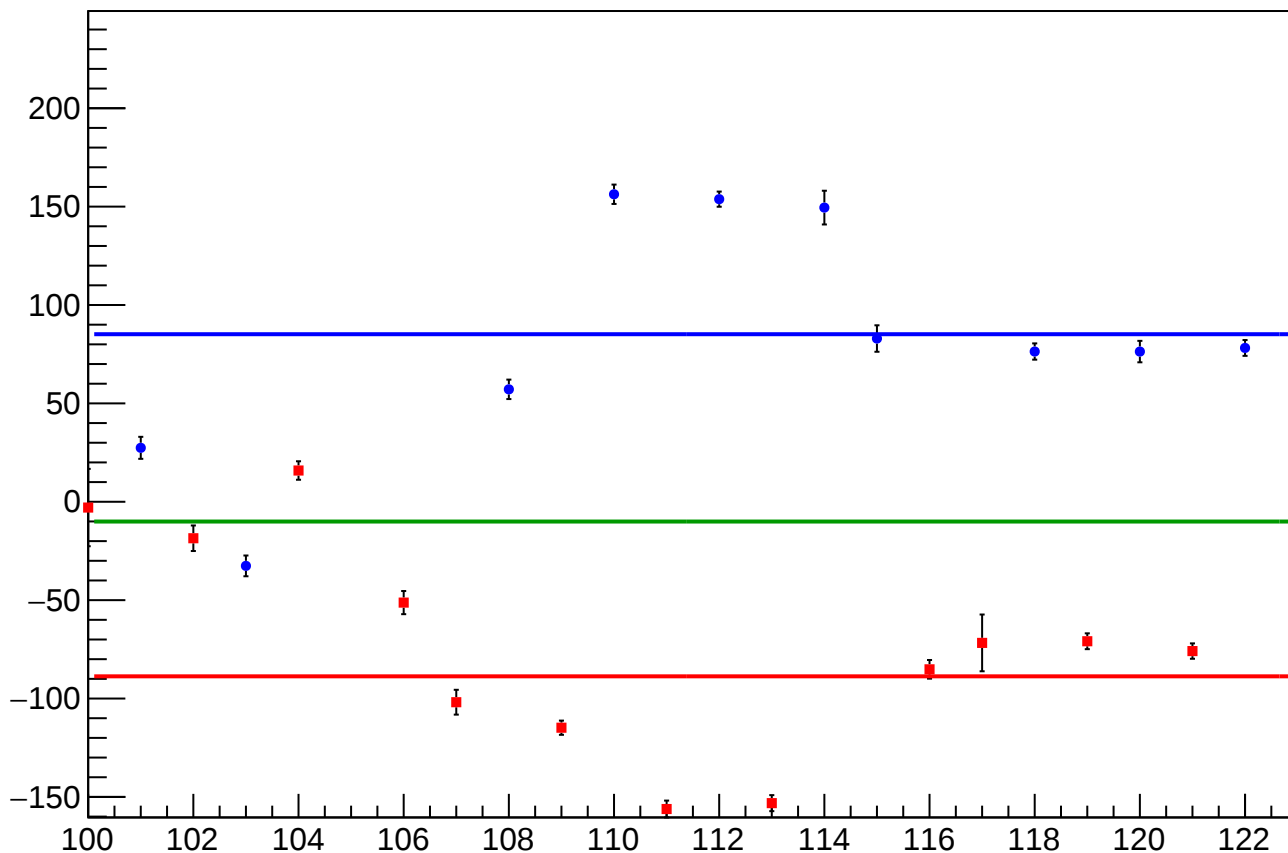
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.662+/-0.801 χ^2/NDF : 99.8/10

-0.606+/-0.560 χ^2/NDF : 245.9/22

2.319+/-0.784 χ^2/NDF : 117.6/11

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 85.155+/-1.565 χ^2 /NDF: 1239.0/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -88.715+/-1.423 χ^2 /NDF: 1259.3/11

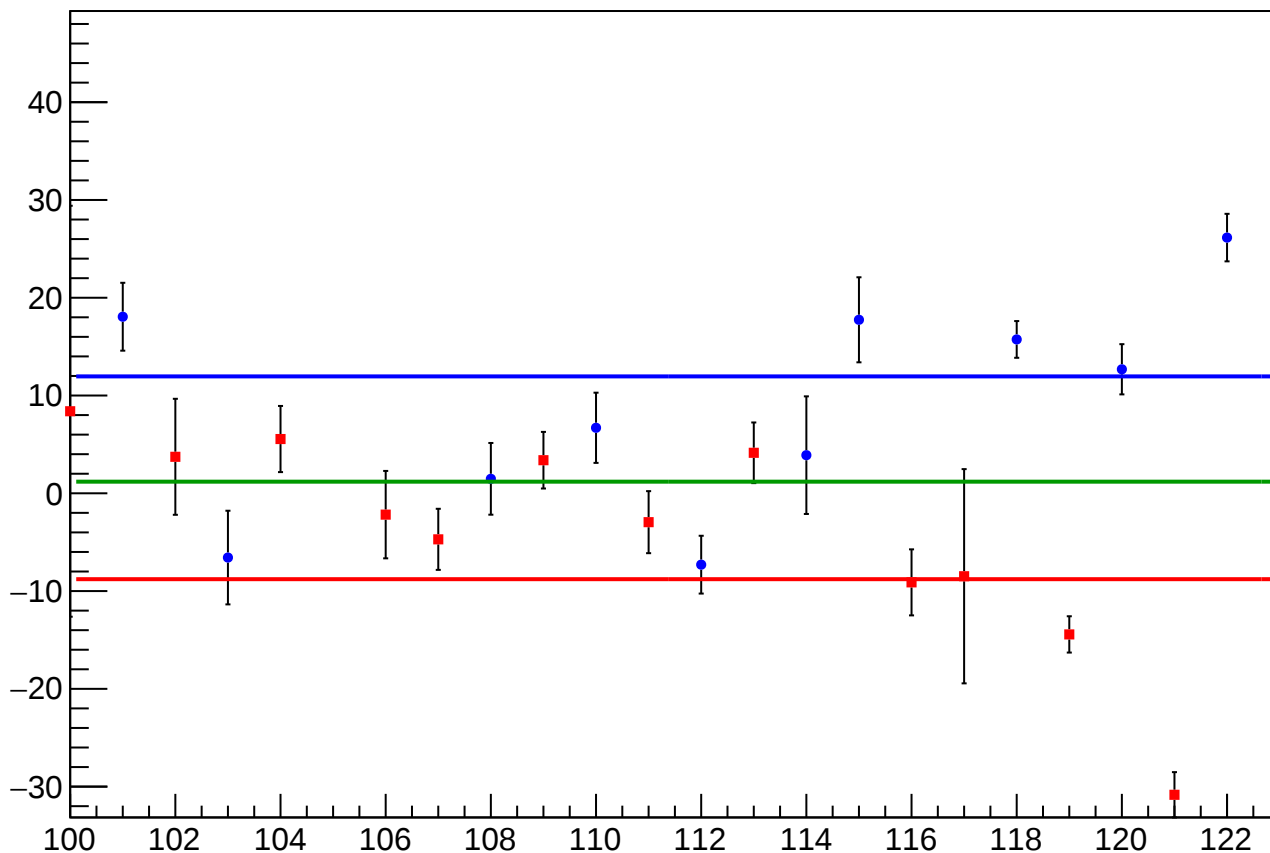
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

85.155+/-1.565 χ^2 /NDF: 1239.0/10

-10.044+/-1.053 χ^2 /NDF: 9253.3/22

-88.715+/-1.423 χ^2 /NDF: 1259.3/11

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.956+/-0.962 χ^2/NDF : 112.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.784+/-0.926 χ^2/NDF : 165.2/11

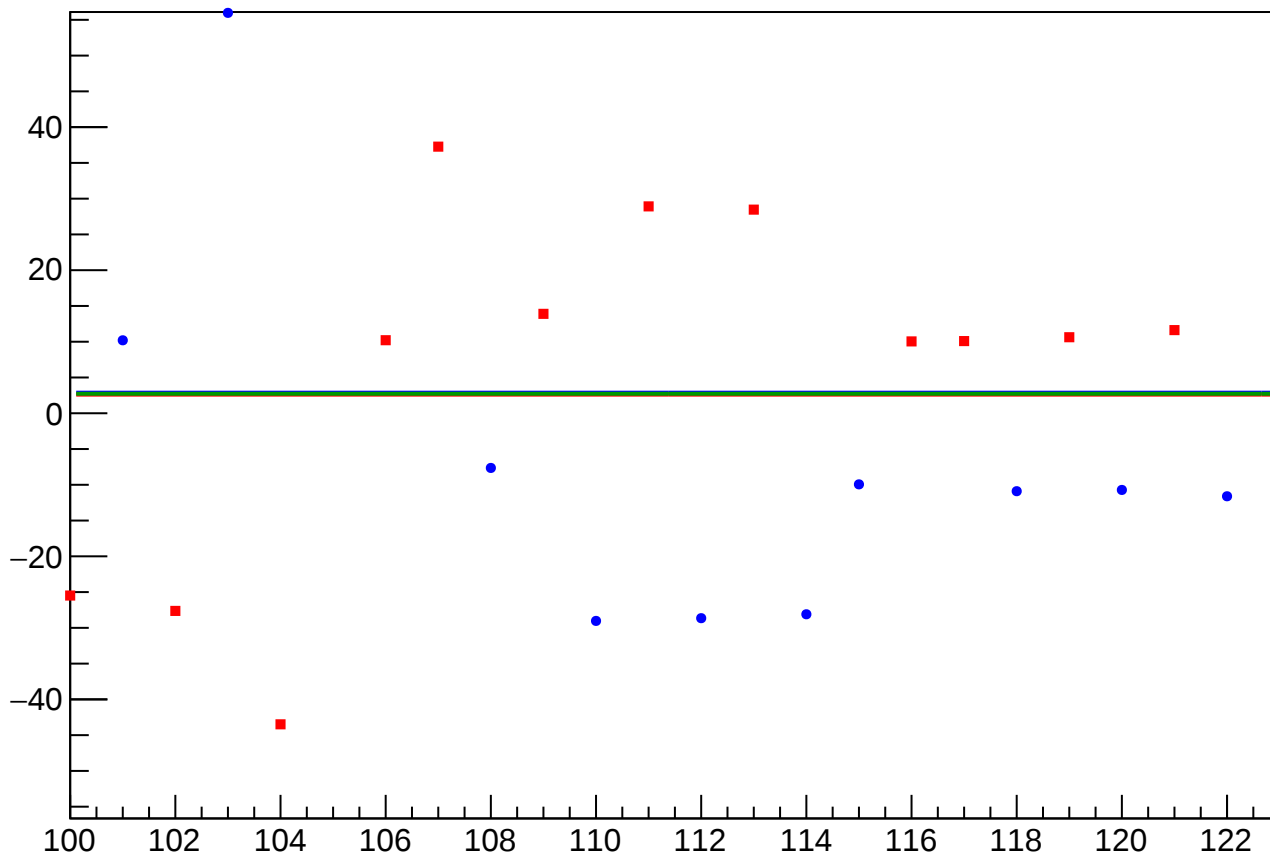
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11.956+/-0.962 χ^2/NDF : 112.9/10

1.189+/-0.667 χ^2/NDF : 519.1/22

-8.784+/-0.926 χ^2/NDF : 165.2/11

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 2.874+/-0.055 χ^2/NDF : 286320.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.605+/-0.051 χ^2/NDF : 298293.8/11

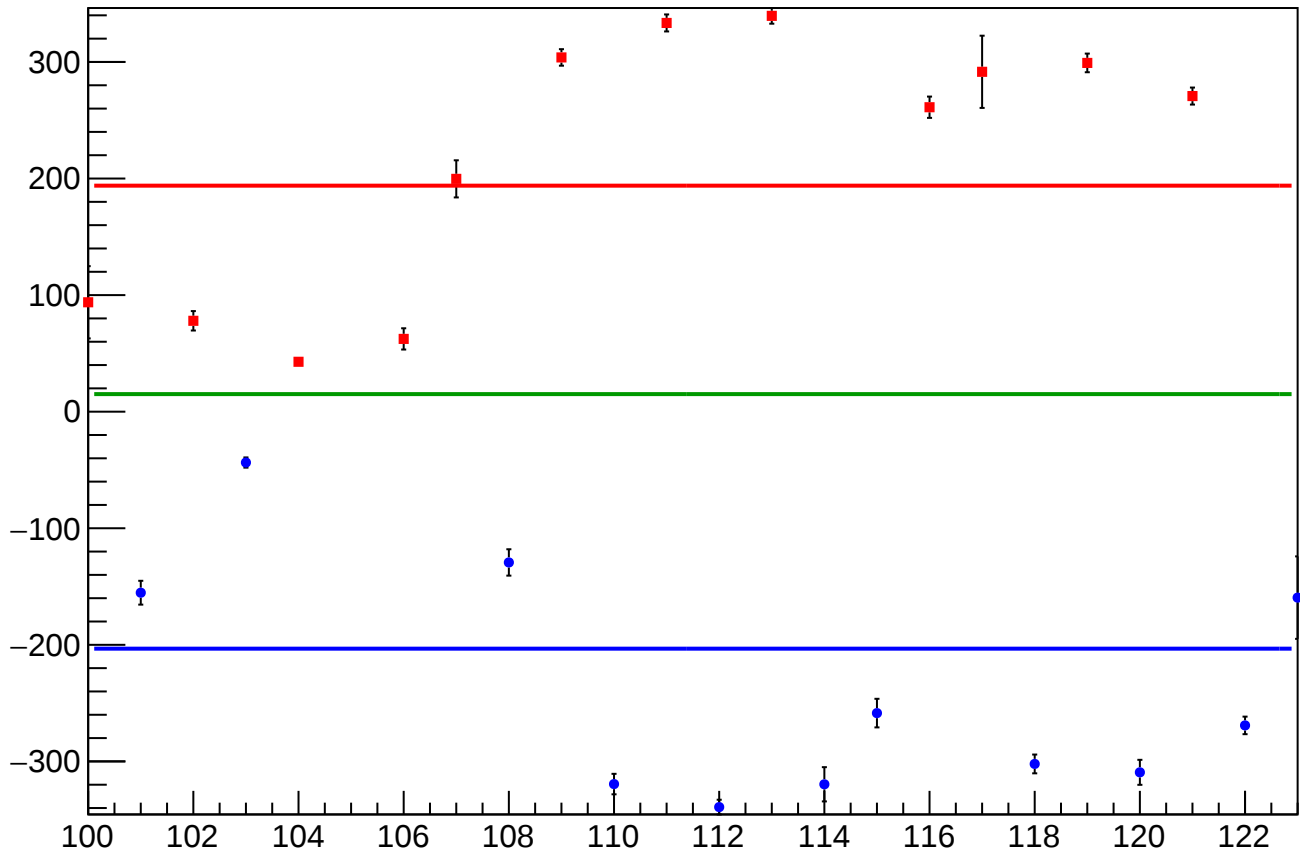
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.874+/-0.055 χ^2/NDF : 286320.1/10

2.729+/-0.037 χ^2/NDF : 584626.8/22

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: -203.294+/-2.488 χ^2/NDF : 2446.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 193.887+/-2.251 χ^2/NDF : 3152.7/11

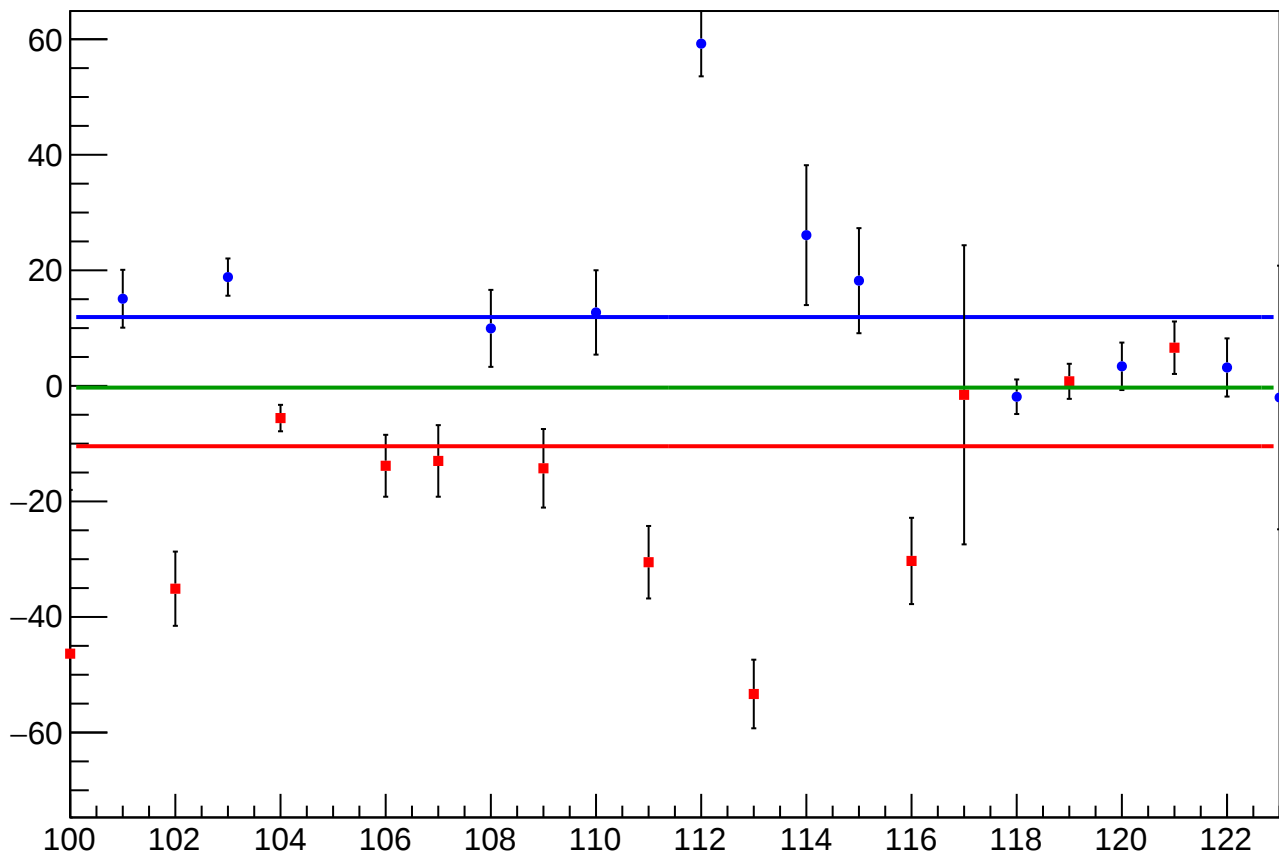
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-203.294+/-2.488 χ^2/NDF : 2446.5/10

15.074+/-1.669 χ^2/NDF : 19614.4/22

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: 11.910+/-1.508 χ^2/NDF : 106.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.448+/-1.375 χ^2/NDF : 119.2/11

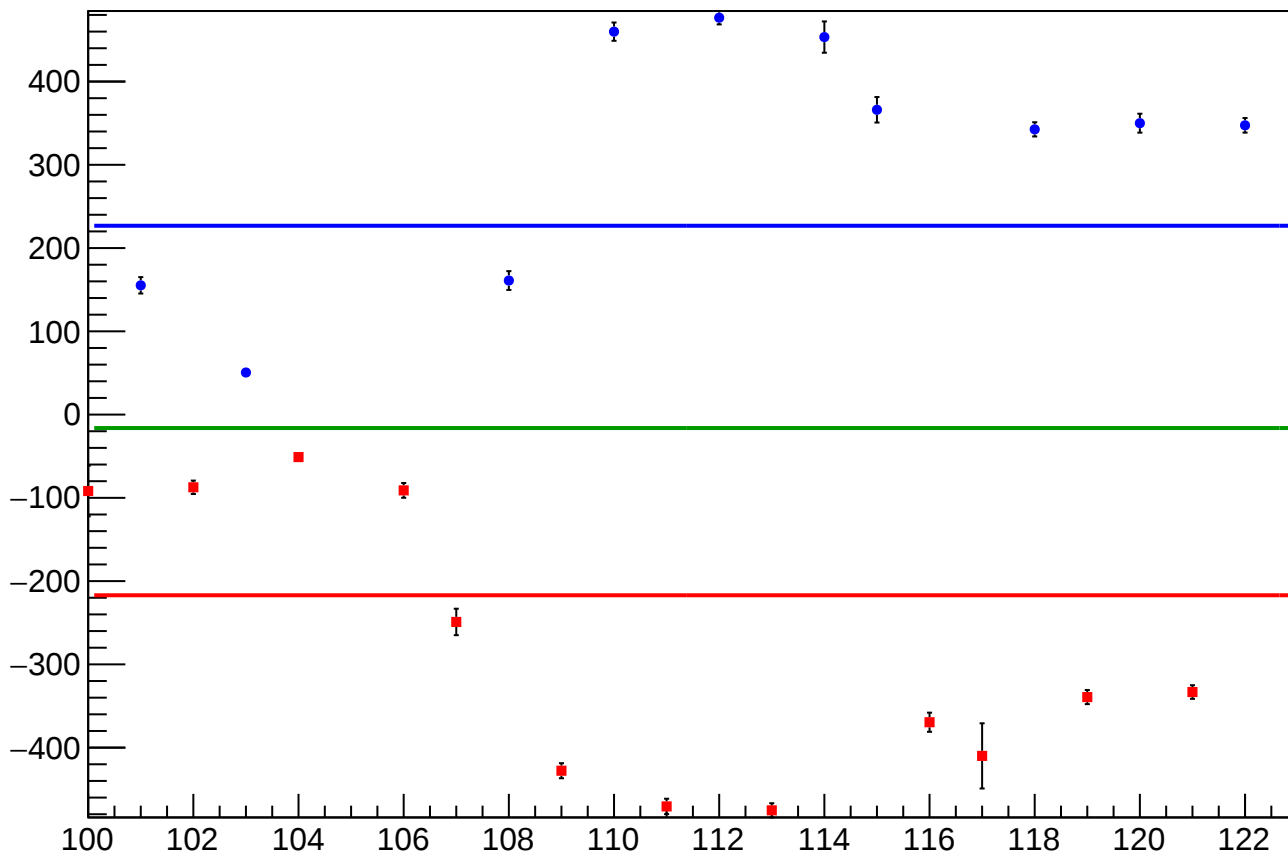
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11.910+/-1.508 χ^2/NDF : 106.0/10

-0.299+/-1.016 χ^2/NDF : 345.2/22

-10.448+/-1.375 χ^2/NDF : 119.2/11

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 226.800+/-2.673 χ^2/NDF : 3958.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -217.012+/-2.431 χ^2/NDF : 4994.1/11

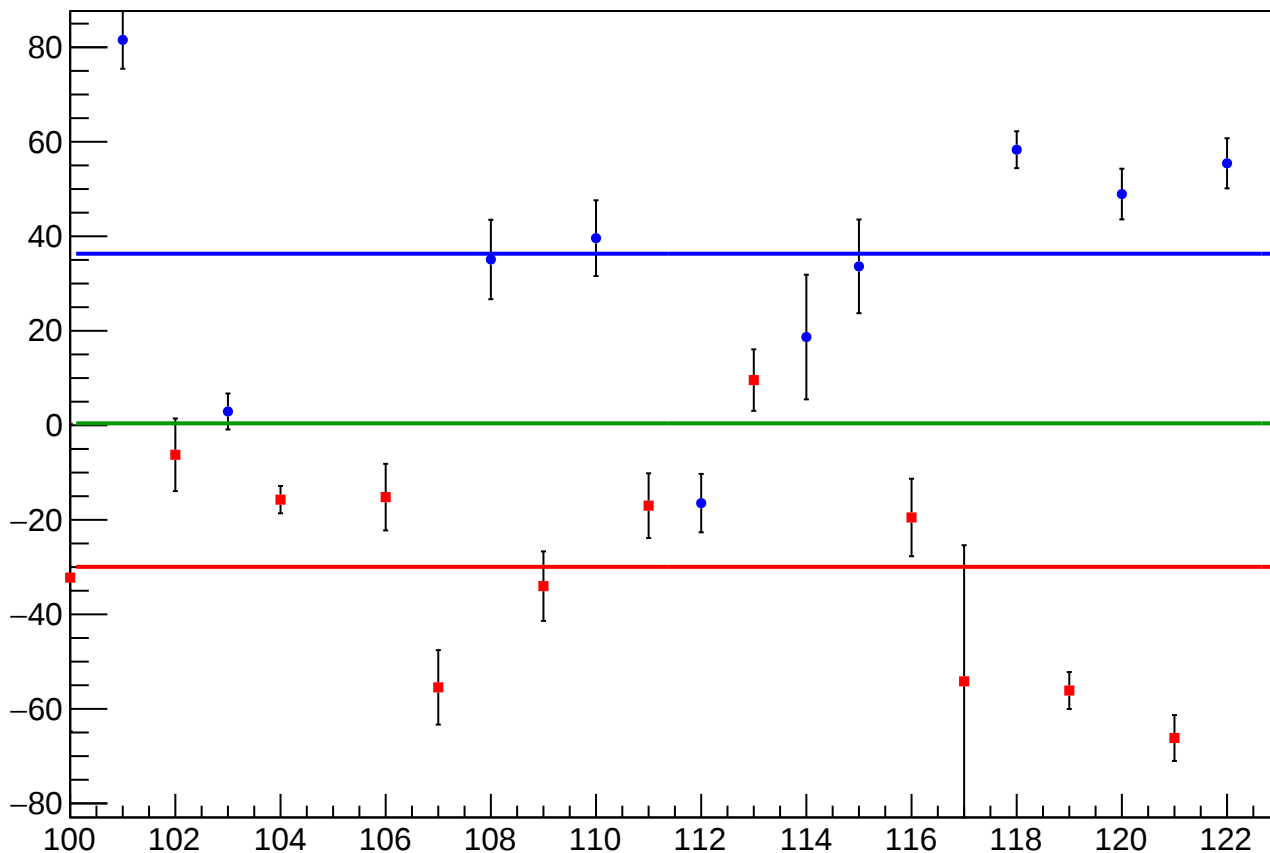
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

226.800+/-2.673 χ^2/NDF : 3958.7/10

-16.161+/-1.798 χ^2/NDF : 24042.3/22

-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: 36.314 $\pm$ 1.809 χ^2 /NDF: 257.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -29.940 $\pm$ 1.664 χ^2 /NDF: 192.1/11

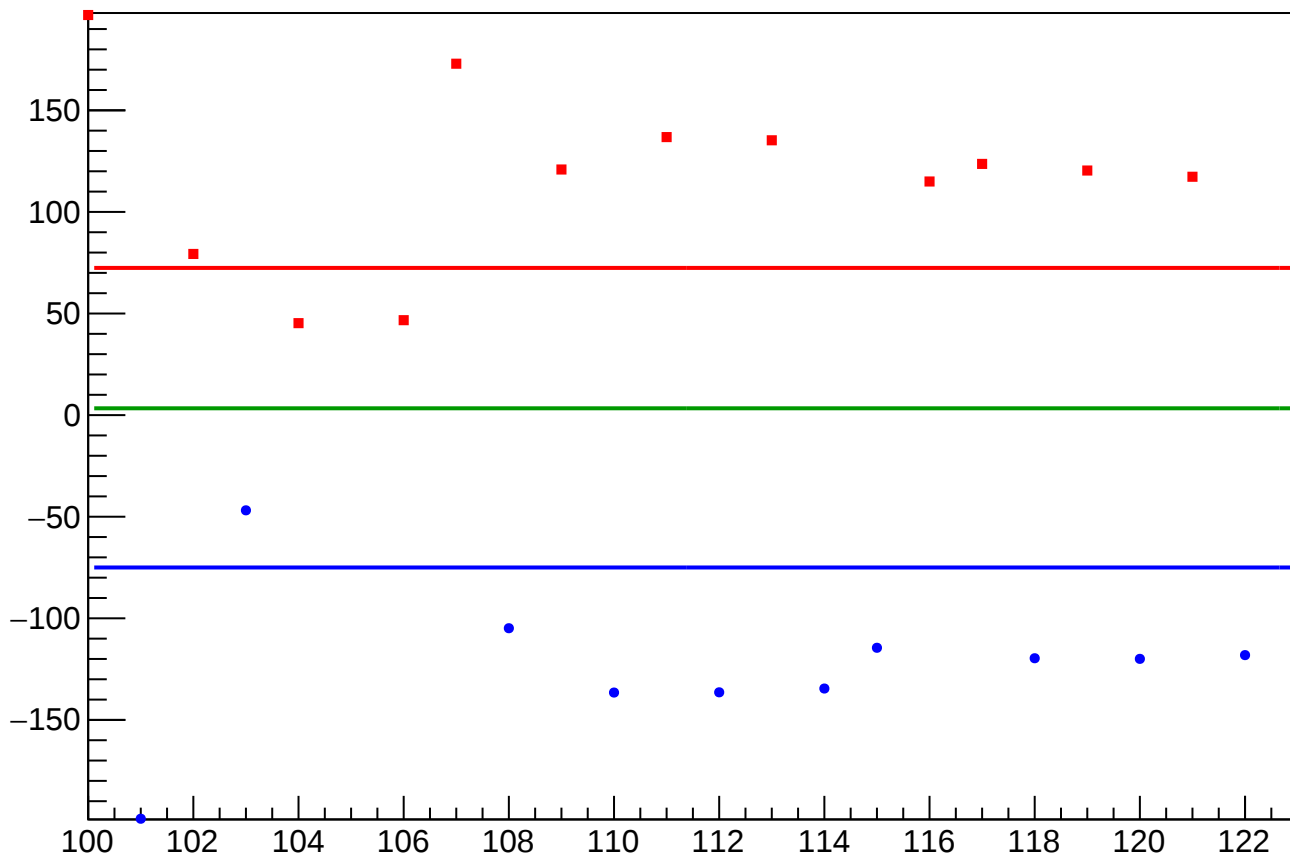
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

36.314 $\pm$ 1.809 χ^2 /NDF: 257.2/10

0.419 $\pm$ 1.225 χ^2 /NDF: 1175.8/22

-29.940 $\pm$ 1.664 χ^2 /NDF: 192.1/11

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -74.982 ± 0.077 χ^2/NDF : 309777.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 72.446 ± 0.072 χ^2/NDF : 281918.9/11

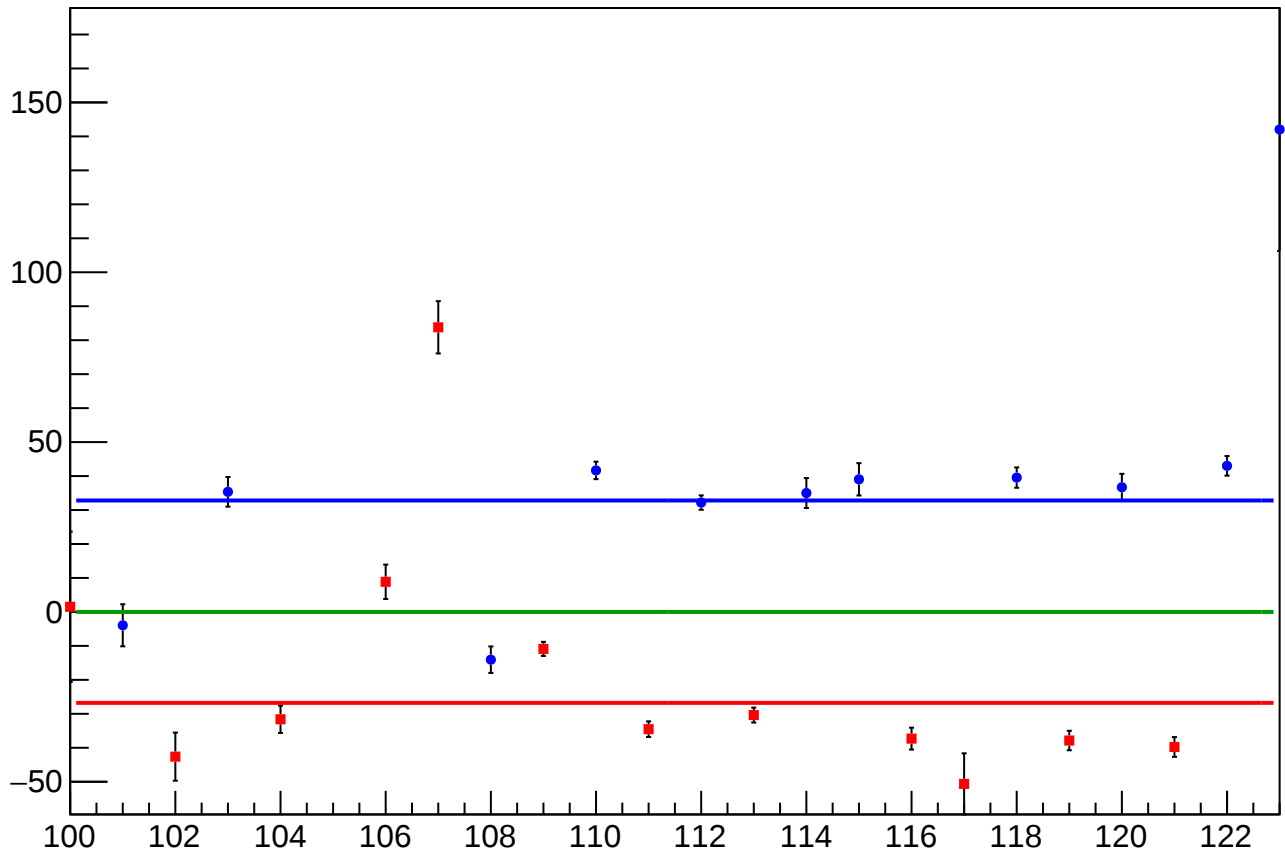
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-74.982 ± 0.077 χ^2/NDF : 309777.9/10

3.357 ± 0.053 χ^2/NDF : 2534058.8/22

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: 32.809+/-1.048 χ^2 /NDF: 221.2/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -26.770+/-0.947 χ^2 /NDF: 389.3/11

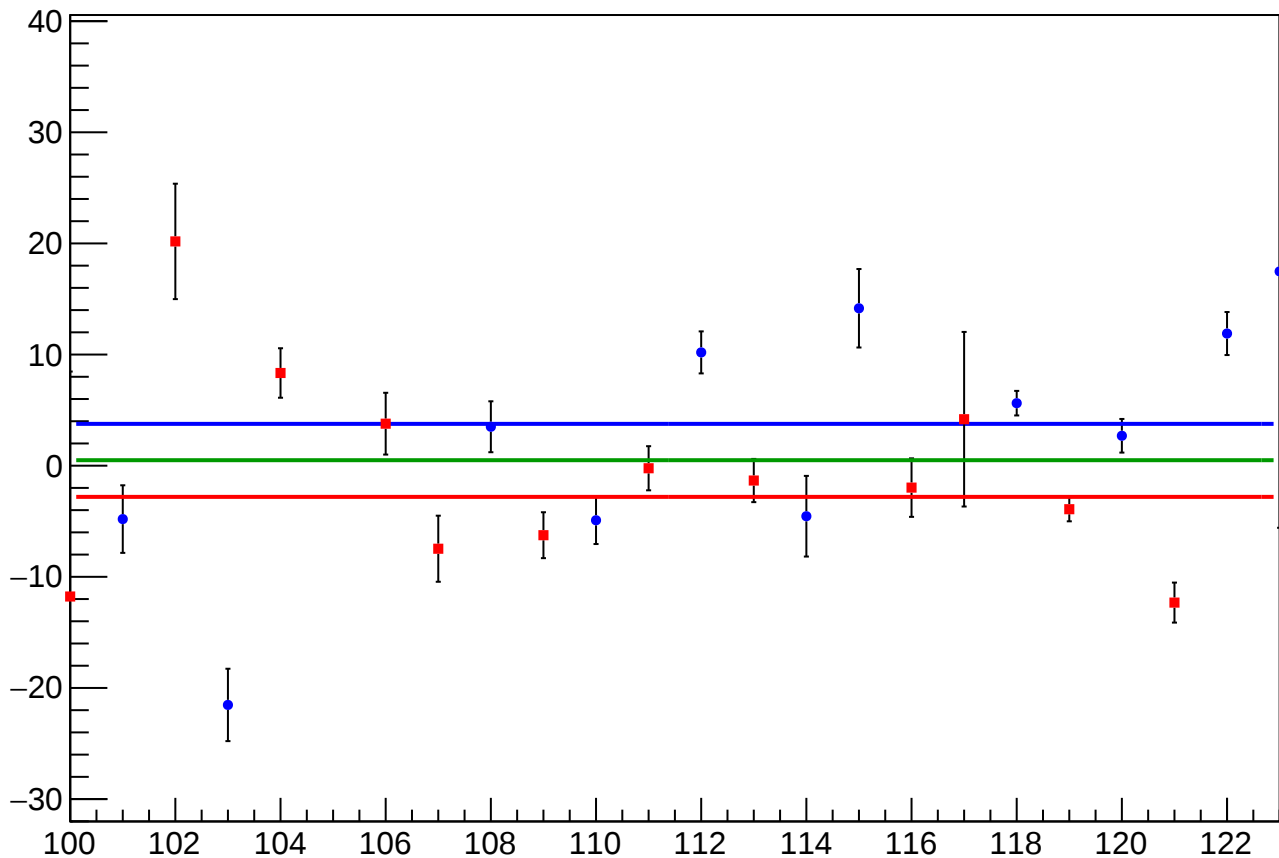
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

32.809+/-1.048 χ^2 /NDF: 221.2/10

-0.002+/-0.703 χ^2 /NDF: 2389.5/22

-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: 3.763+/-0.624 χ^2/NDF : 131.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.806+/-0.626 χ^2/NDF : 87.8/11

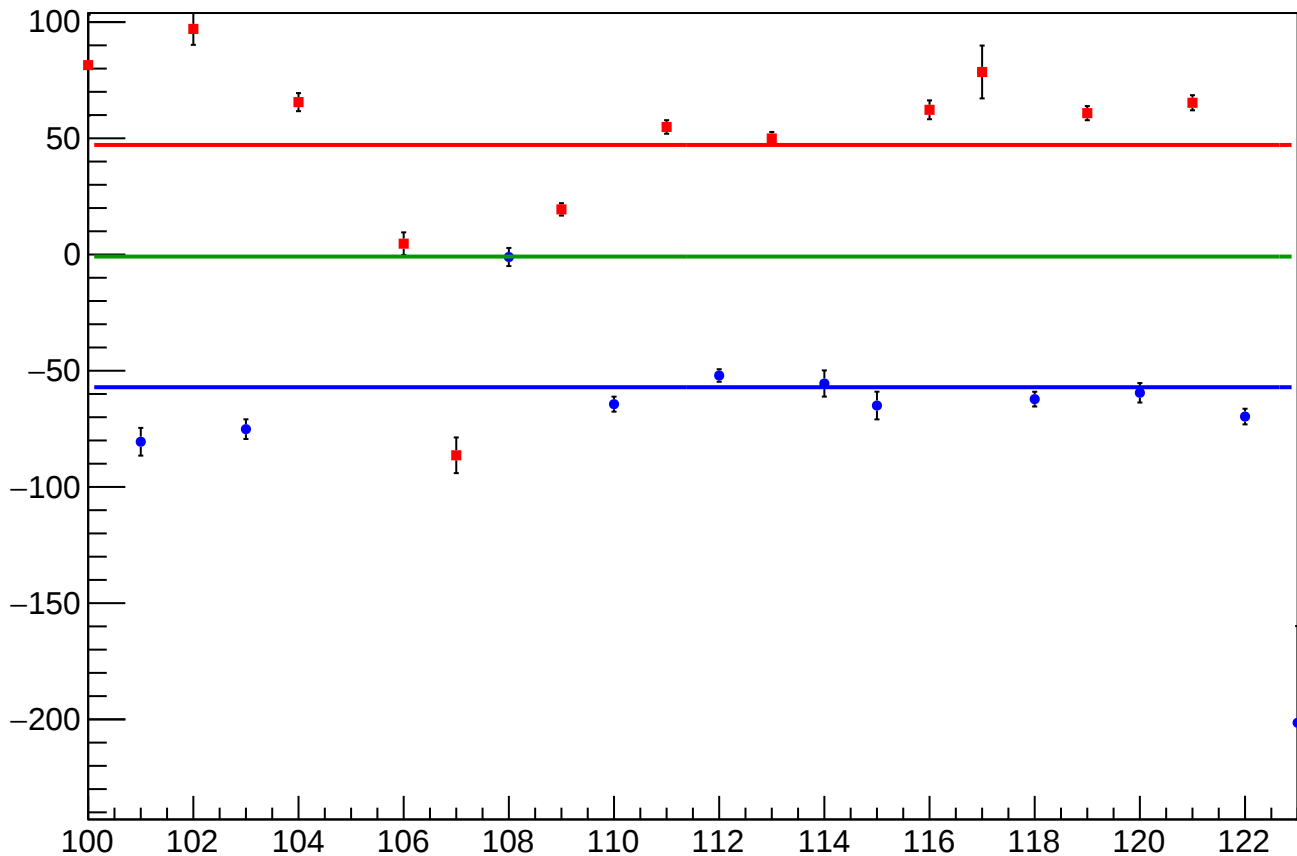
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.763+/-0.624 χ^2/NDF : 131.5/10

0.494+/-0.442 χ^2/NDF : 274.6/22

-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: -57.090+/-1.205 χ^2/NDF : 279.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.145+/-1.114 χ^2/NDF : 645.9/11

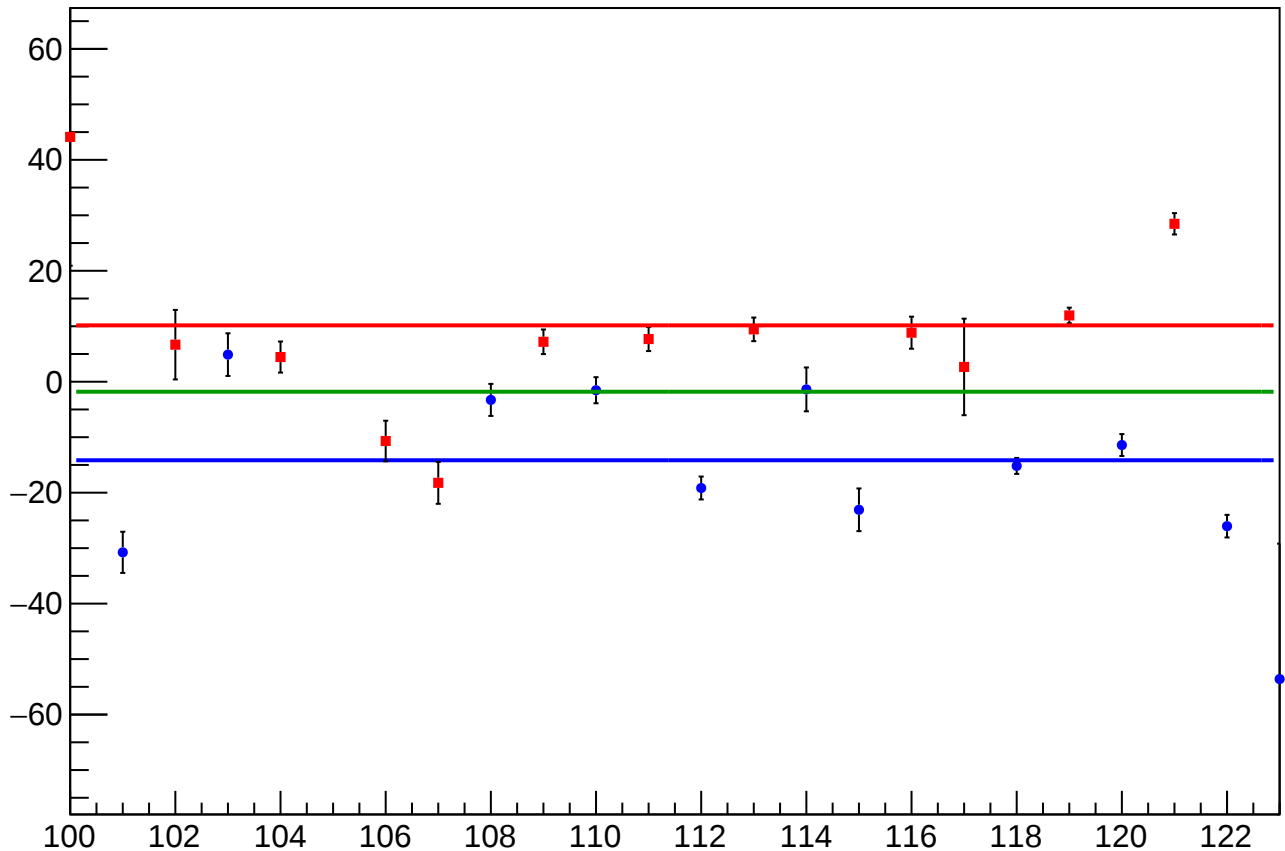
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-57.090+/-1.205 χ^2/NDF : 279.9/10

-0.878+/-0.818 χ^2/NDF : 4960.3/22

47.145+/-1.114 χ^2/NDF : 645.9/11

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.157 ± 0.748 χ^2/NDF : 148.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 10.162 ± 0.736 χ^2/NDF : 191.6/11

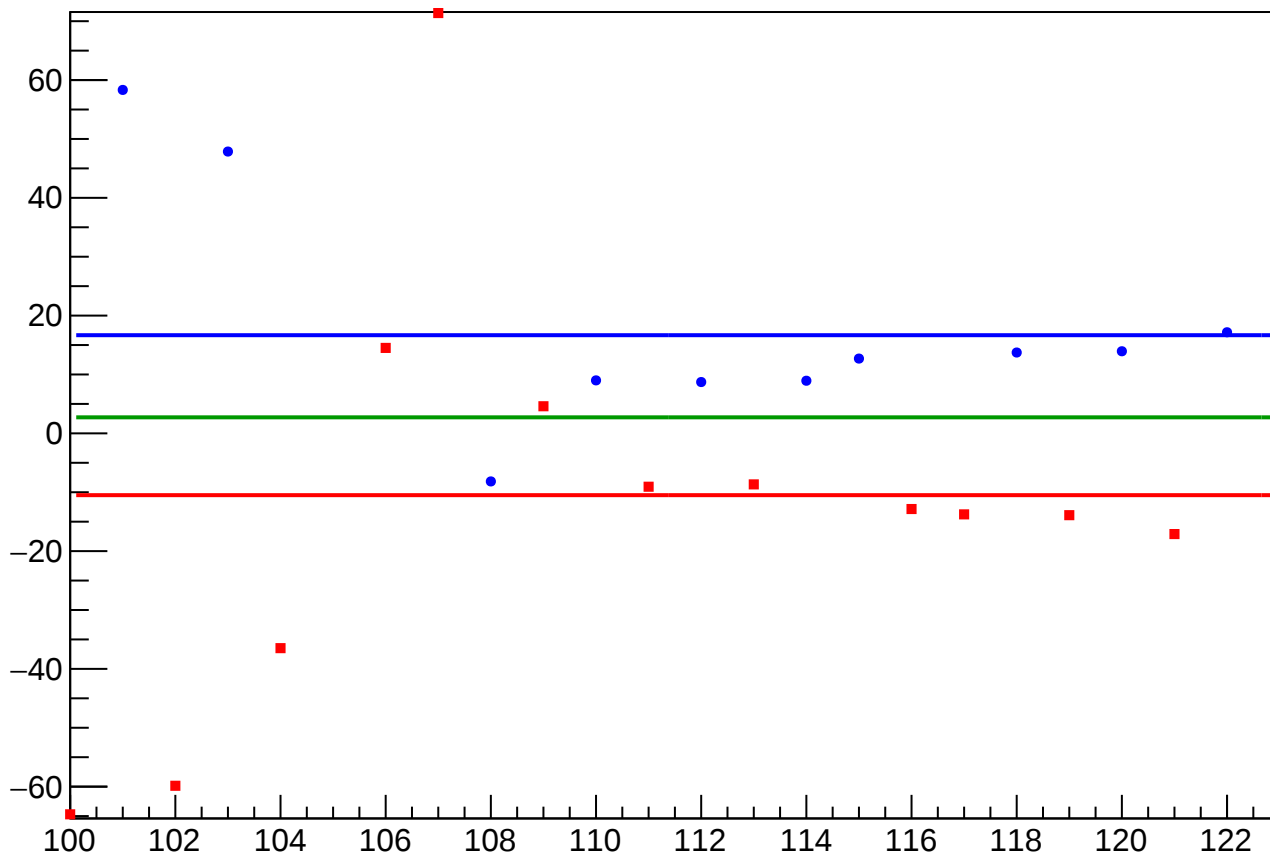
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-14.157 ± 0.748 χ^2/NDF : 148.3/10

-1.802 ± 0.524 χ^2/NDF : 877.3/22

10.162 ± 0.736 χ^2/NDF : 191.6/11

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 16.672+/-0.043 χ^2/NDF : 233132.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.497+/-0.042 χ^2/NDF : 440457.0/11

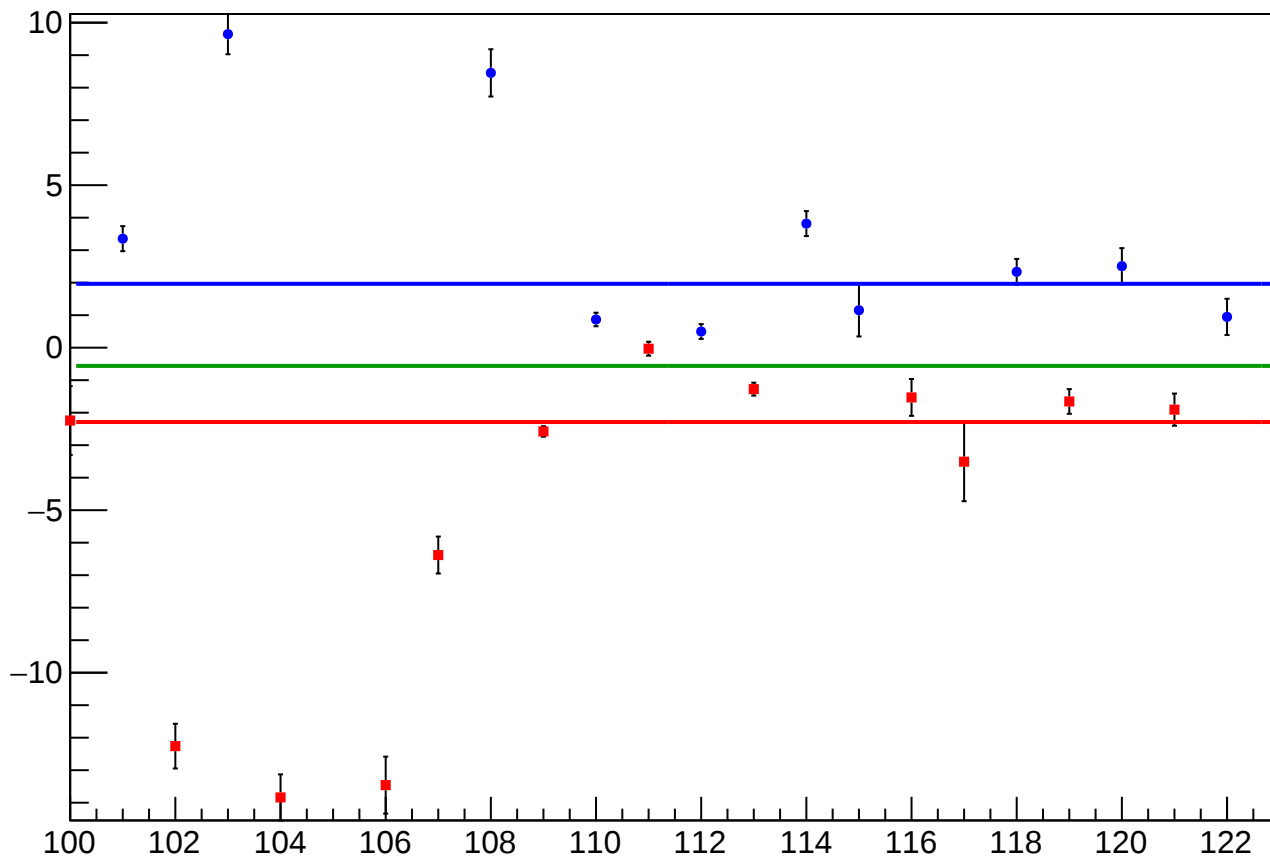
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

16.672+/-0.043 χ^2/NDF : 233132.3/10

2.721+/-0.030 χ^2/NDF : 875937.6/22

-10.497+/-0.042 χ^2/NDF : 440457.0/11

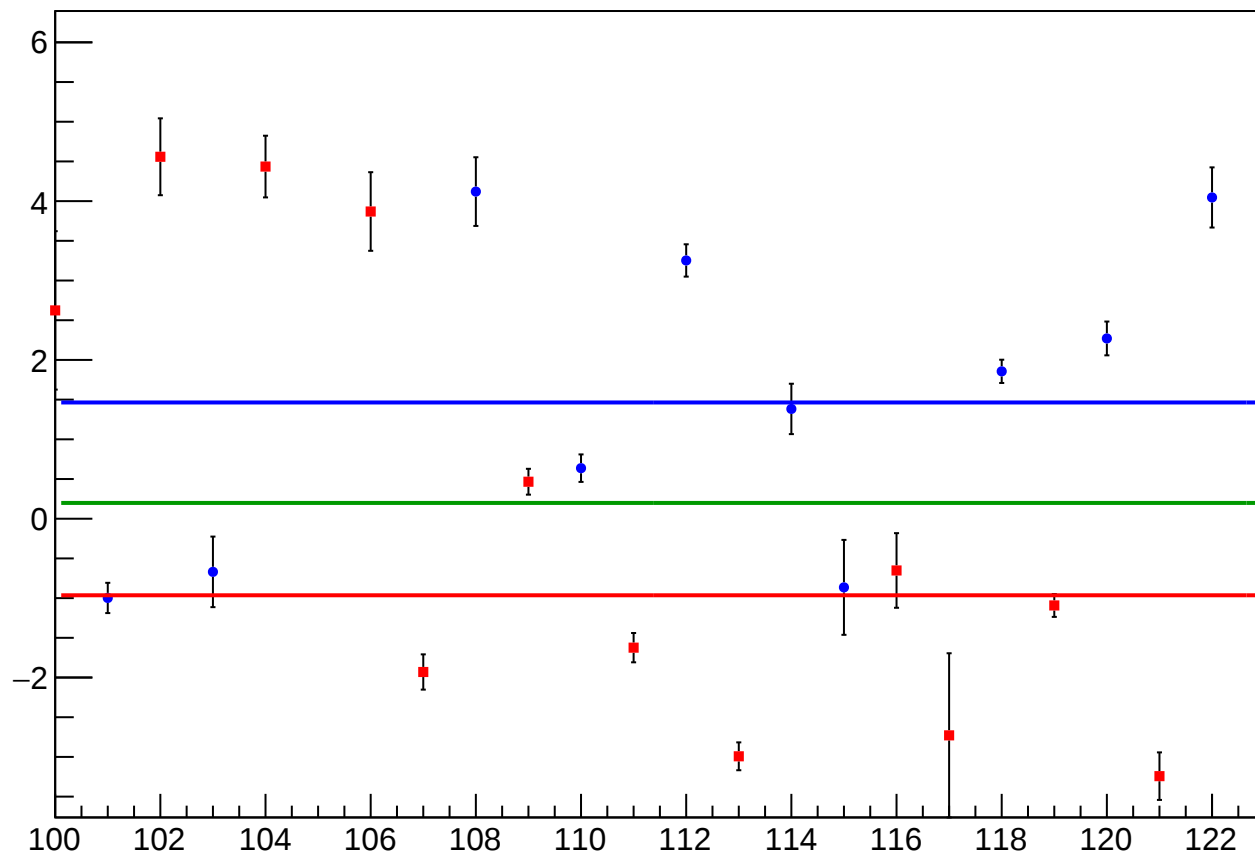
reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.965 $\pm$ 0.116 χ^2 /NDF: 345.4/10
 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

1.965 $\pm$ 0.116 χ^2 /NDF: 345.4/10
 -0.560 $\pm$ 0.074 χ^2 /NDF: 1985.4/22
 -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: 1.464+/-0.074 χ^2/NDF : 418.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.964+/-0.071 χ^2/NDF : 736.2/11

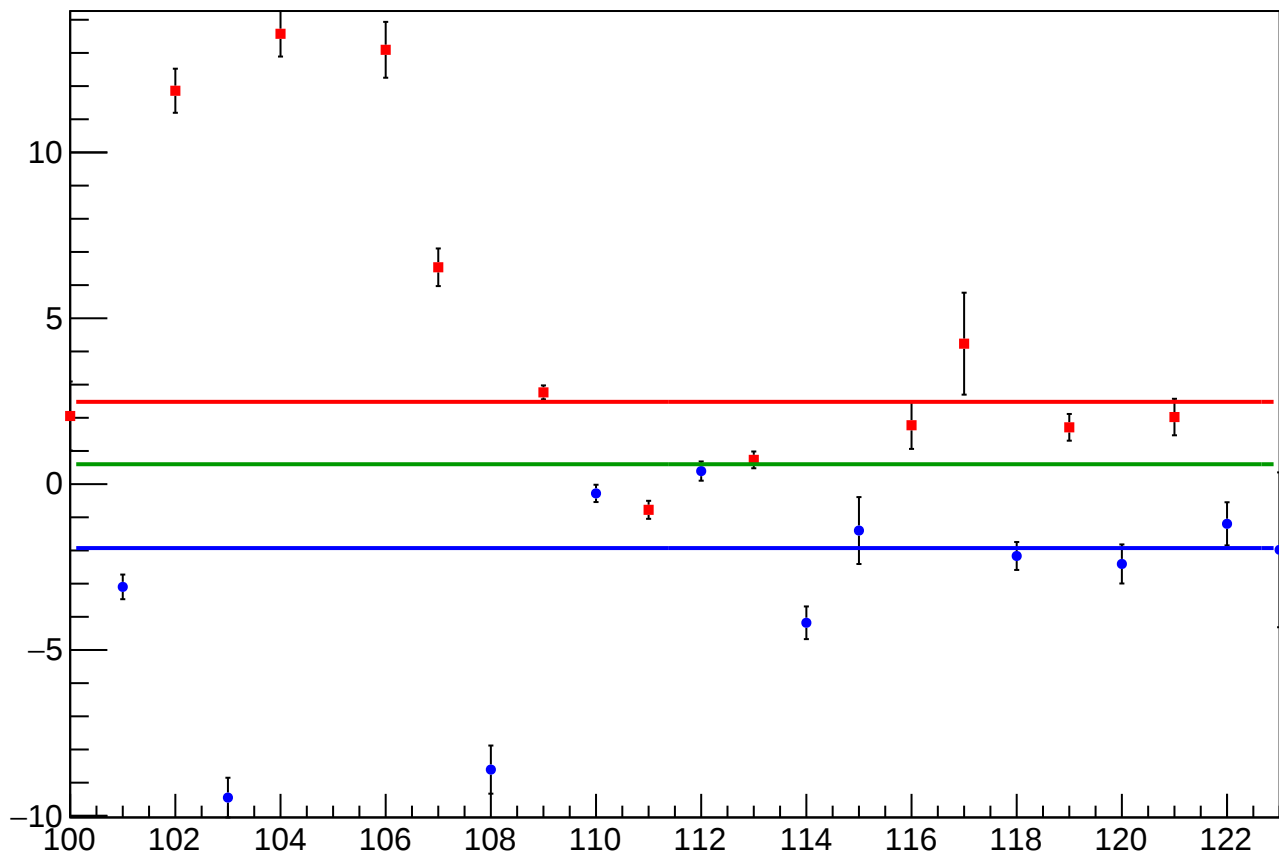
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.464+/-0.074 χ^2/NDF : 418.8/10

0.199+/-0.051 χ^2/NDF : 1721.6/22

-0.964+/-0.071 χ^2/NDF : 736.2/11

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.928+/-0.135 χ^2/NDF : 380.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.481+/-0.117 χ^2/NDF : 870.7/11

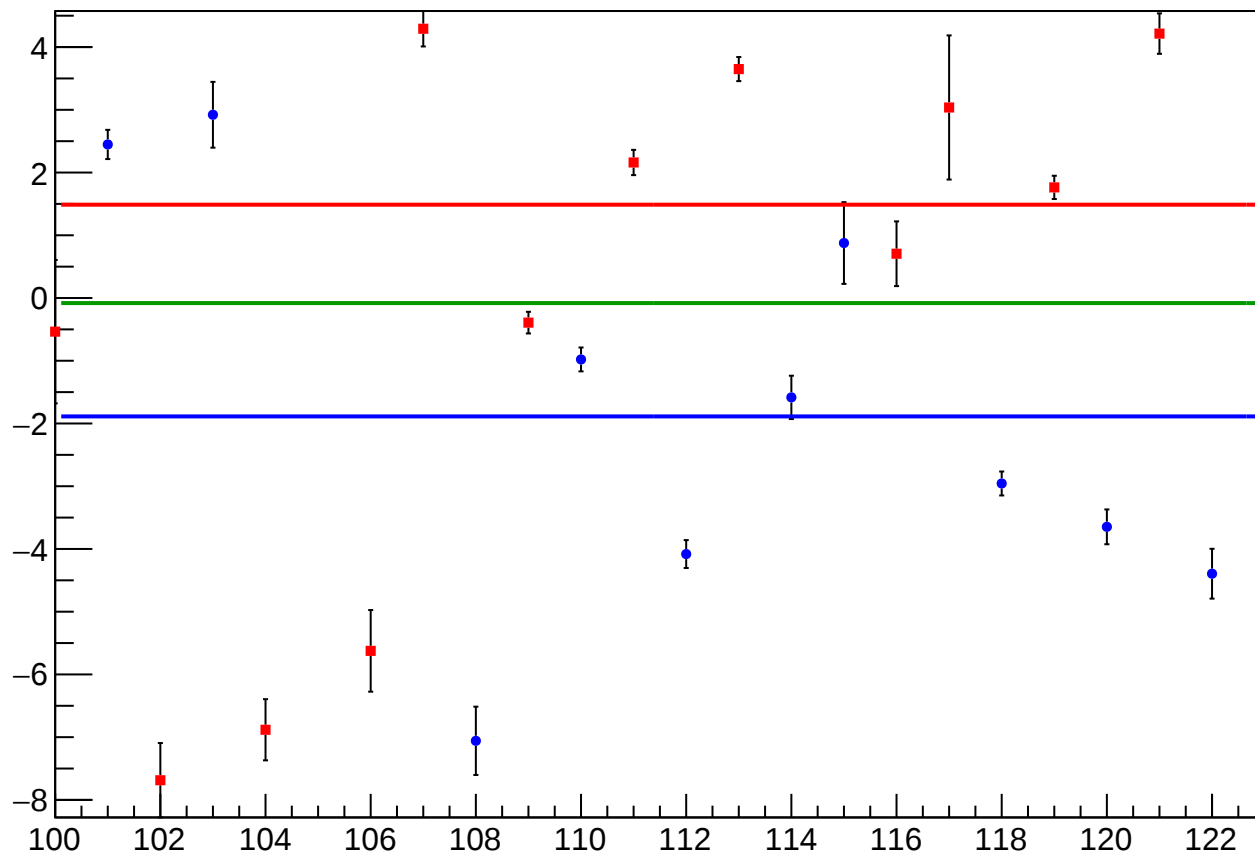
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.928+/-0.135 χ^2/NDF : 380.2/10

0.600+/-0.088 χ^2/NDF : 1861.2/22

2.481+/-0.117 χ^2/NDF : 870.7/11

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.887 $\pm$ 0.087 χ^2 /NDF: 777.2/10

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

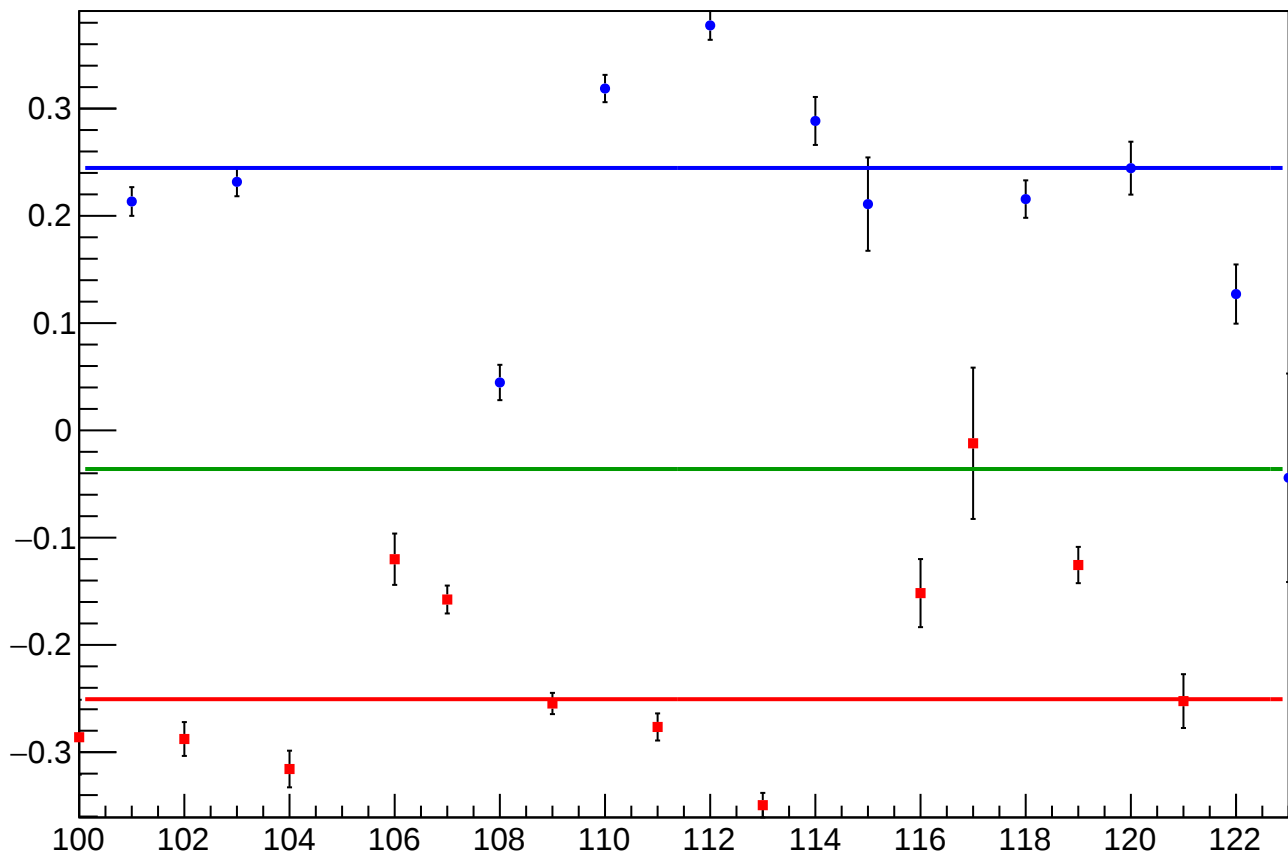
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-1.887 $\pm$ 0.087 χ^2 /NDF: 777.2/10

-0.081 $\pm$ 0.059 χ^2 /NDF: 2667.8/22

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: 0.245+/-0.005 χ^2/NDF : 319.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.251+/-0.005 χ^2/NDF : 256.6/11

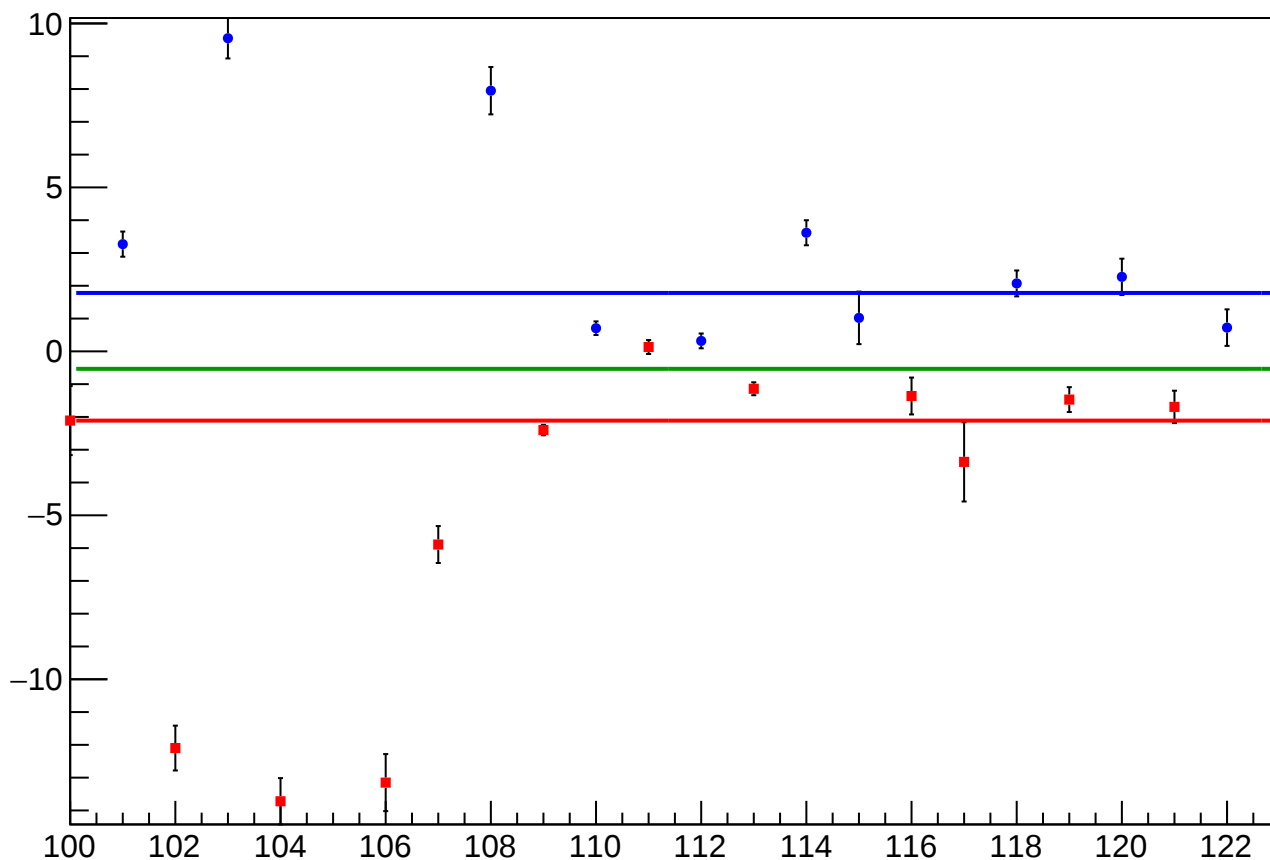
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.245+/-0.005 χ^2/NDF : 319.8/10

-0.036+/-0.003 χ^2/NDF : 5497.5/22

-0.251+/-0.005 χ^2/NDF : 256.6/11

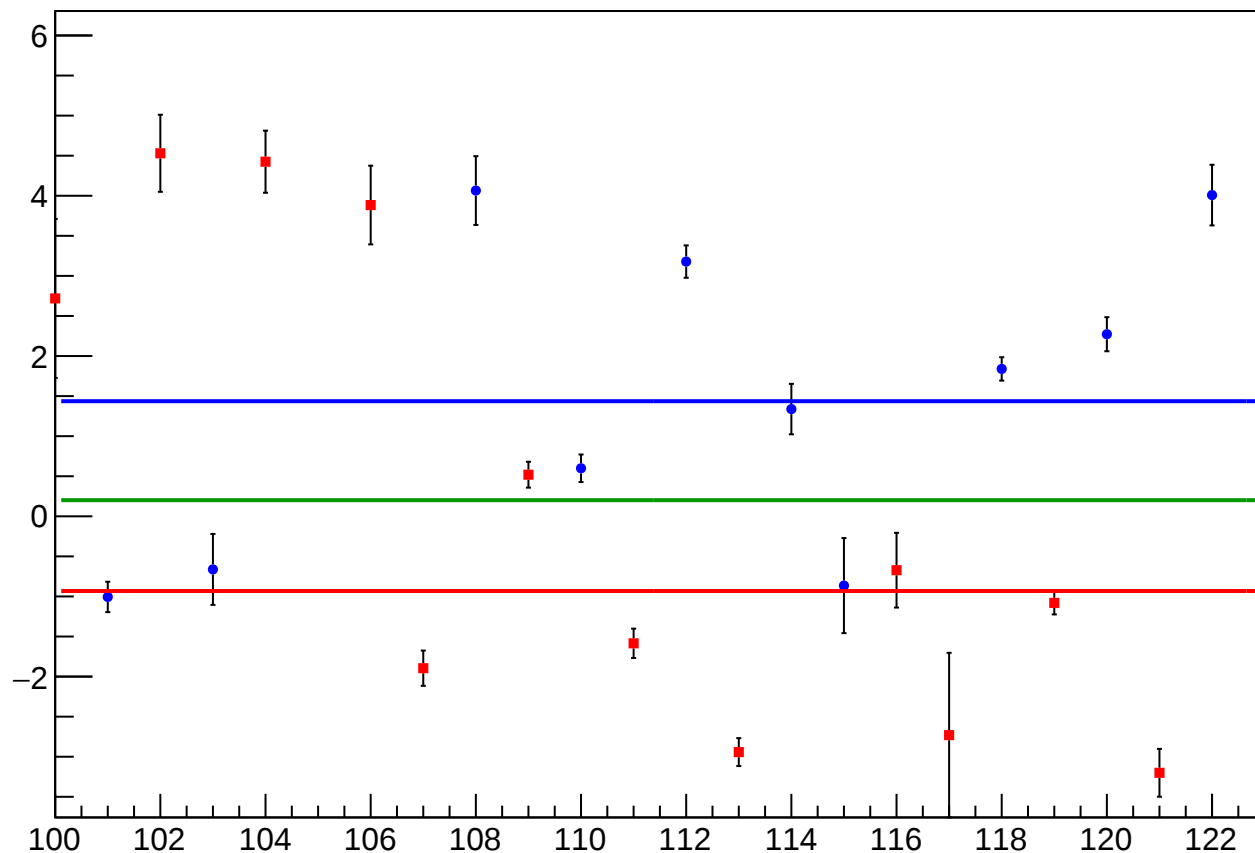
reg_asym_bcm_an_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.781 $\pm$ 0.115 χ^2/NDF : 344.7/10
 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

1.781 $\pm$ 0.115 χ^2/NDF : 344.7/10
 -0.533 $\pm$ 0.073 χ^2/NDF : 1861.9/22
 -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: 1.436+/-0.073 χ^2/NDF : 415.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.932+/-0.070 χ^2/NDF : 738.1/11

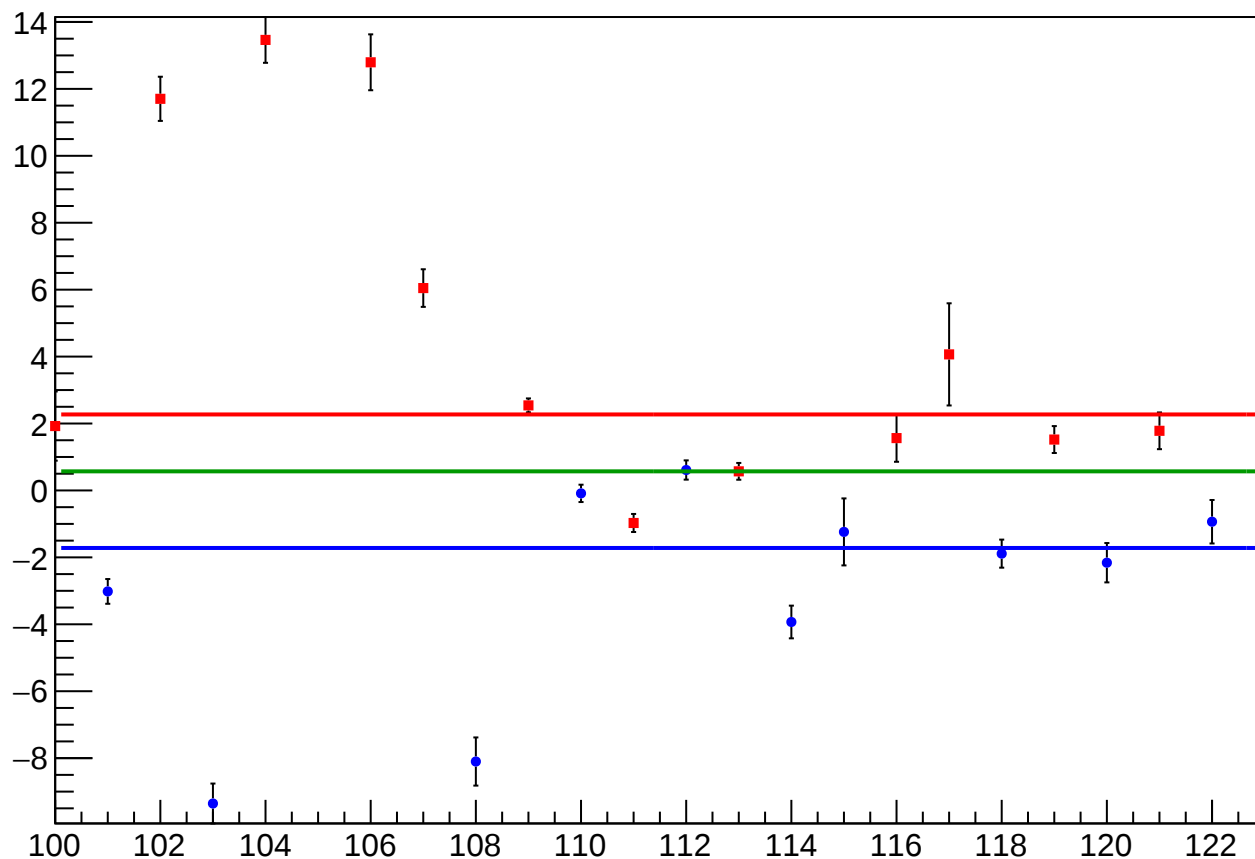
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.436+/-0.073 χ^2/NDF : 415.8/10

0.201+/-0.051 χ^2/NDF : 1698.4/22

-0.932+/-0.070 χ^2/NDF : 738.1/11

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.719+/-0.134 χ^2 /NDF: 383.2/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 2.271+/-0.116 χ^2 /NDF: 874.5/11

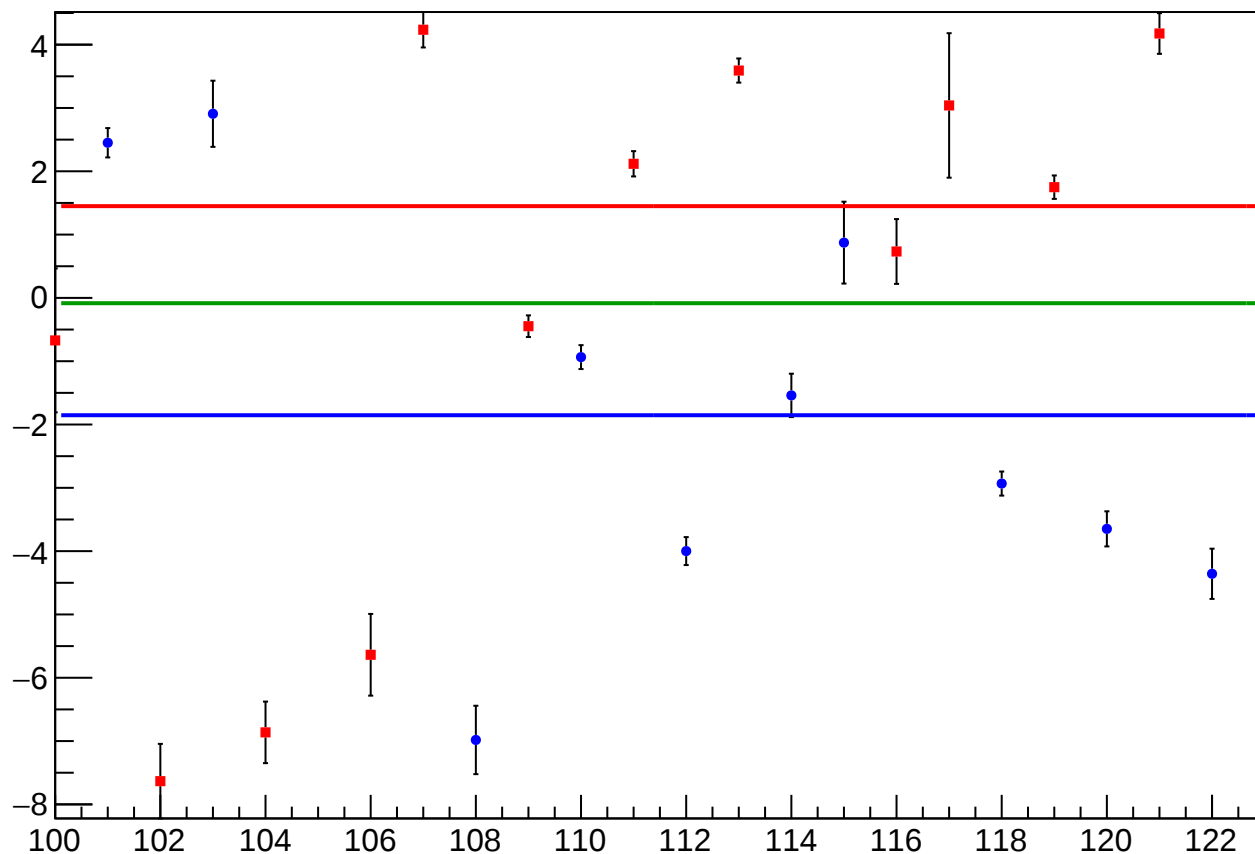
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1.719+/-0.134 χ^2 /NDF: 383.2/10

0.571+/-0.088 χ^2 /NDF: 1763.7/22

2.271+/-0.116 χ^2 /NDF: 874.5/11

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.853+/-0.087 χ^2 /NDF: 774.4/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1.449+/-0.081 χ^2 /NDF: 1091.8/11

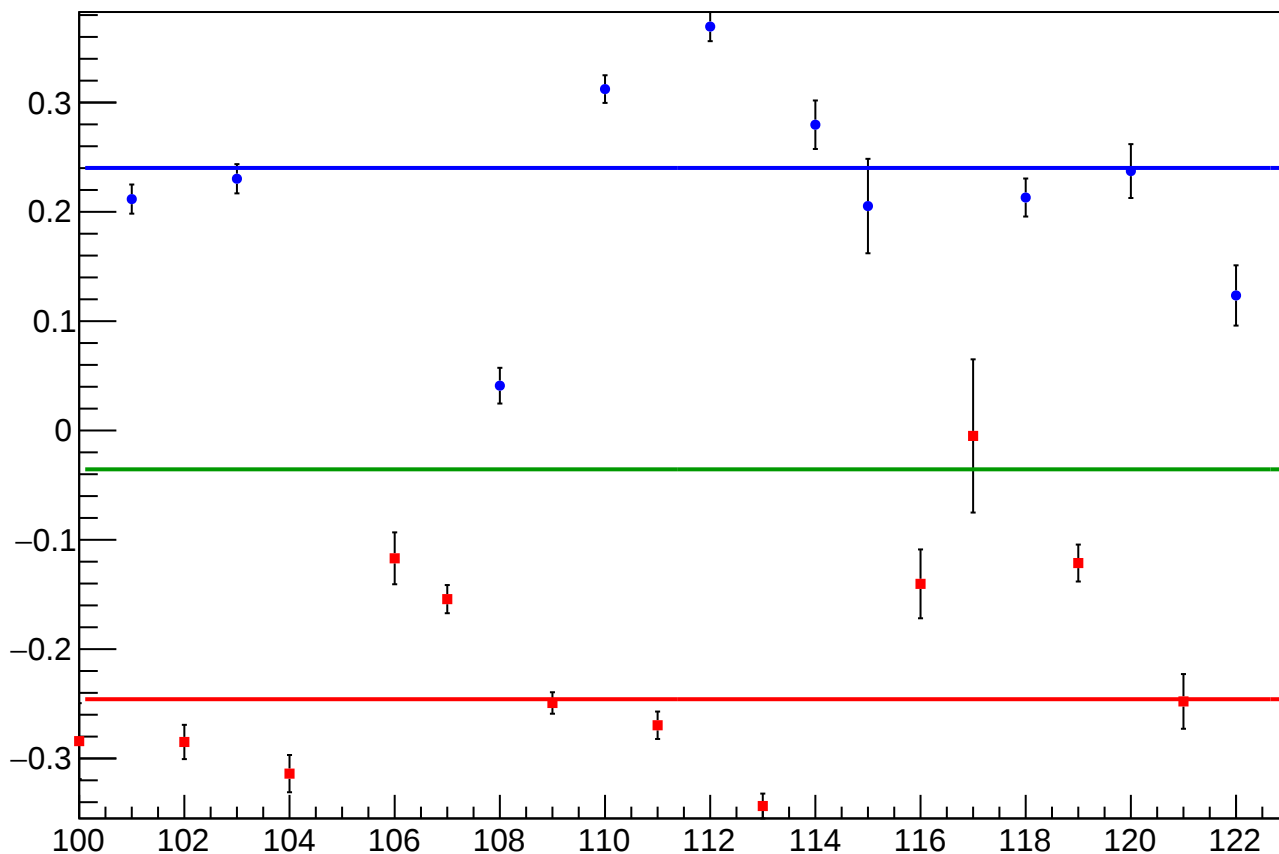
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.853+/-0.087 χ^2 /NDF: 774.4/10

-0.084+/-0.059 χ^2 /NDF: 2641.5/22

1.449+/-0.081 χ^2 /NDF: 1091.8/11

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.240 $\pm$ 0.005 χ^2 /NDF: 313.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.246 $\pm$ 0.005 χ^2 /NDF: 258.4/11

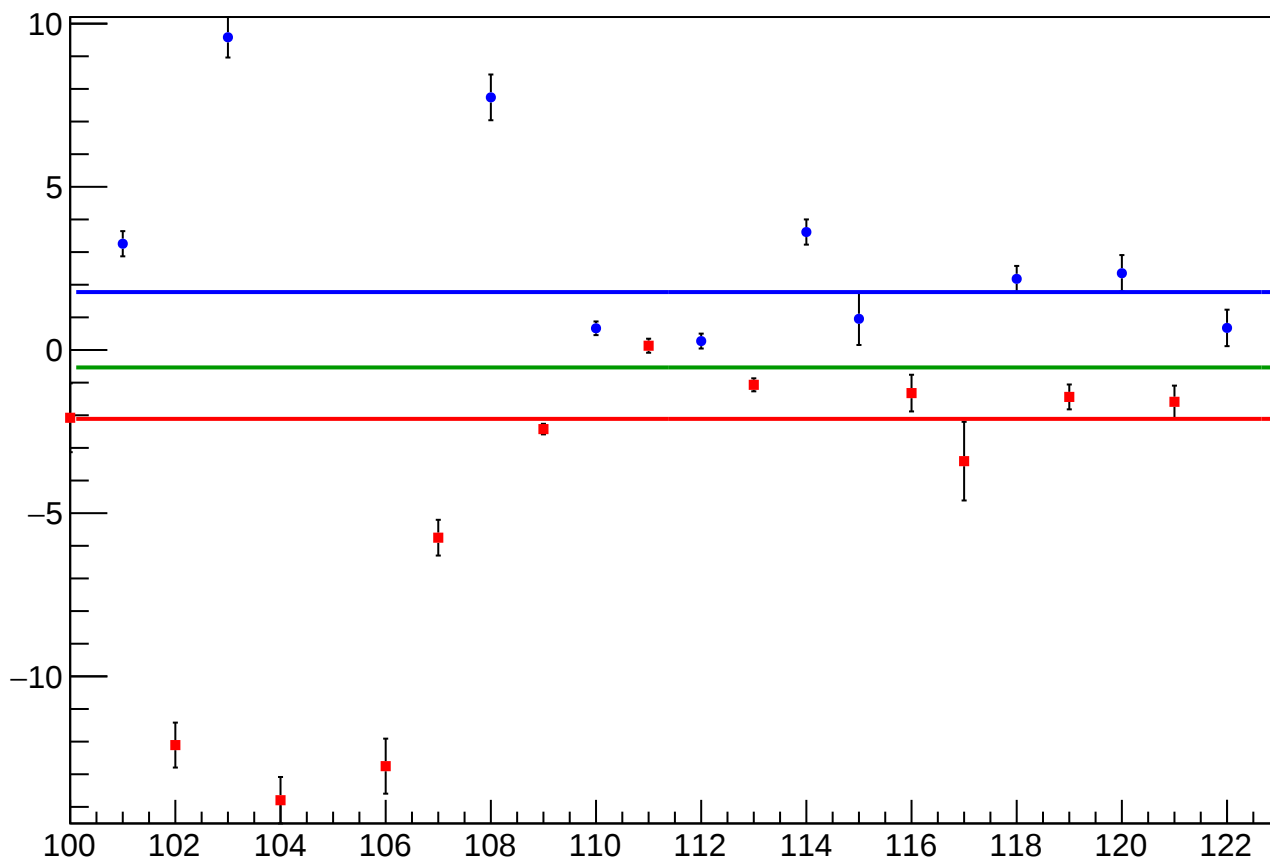
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.240 $\pm$ 0.005 χ^2 /NDF: 313.3/10

-0.036 $\pm$ 0.003 χ^2 /NDF: 5366.8/22

-0.246 $\pm$ 0.005 χ^2 /NDF: 258.4/11

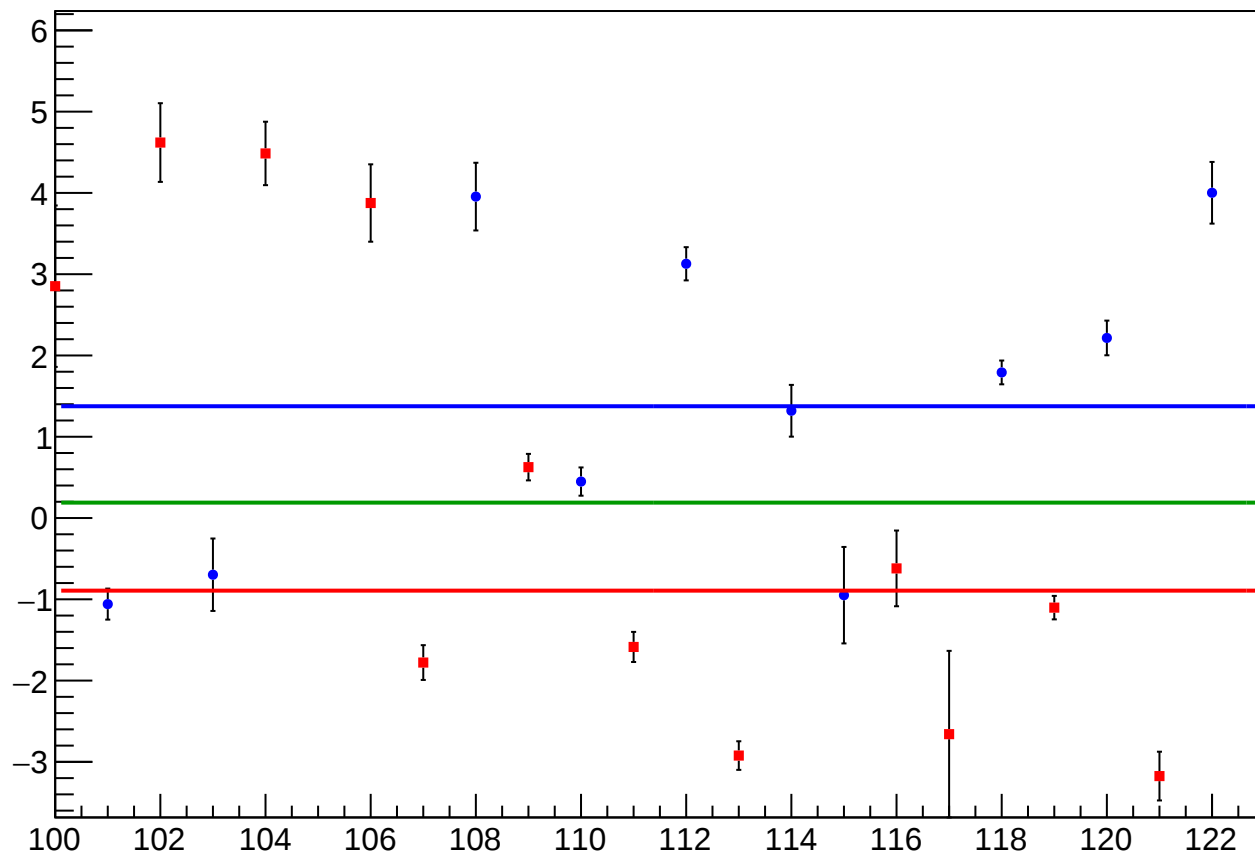
reg_asym_bcm_an_us_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.775 $\pm$ 0.116 χ^2 /NDF: 346.7/10
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -2.110 $\pm$ 0.096 χ^2 /NDF: 830.8/11
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.775 $\pm$ 0.116 χ^2 /NDF: 346.7/10
 -0.535 $\pm$ 0.074 χ^2 /NDF: 1847.6/22
 -2.110 $\pm$ 0.096 χ^2 /NDF: 830.8/11

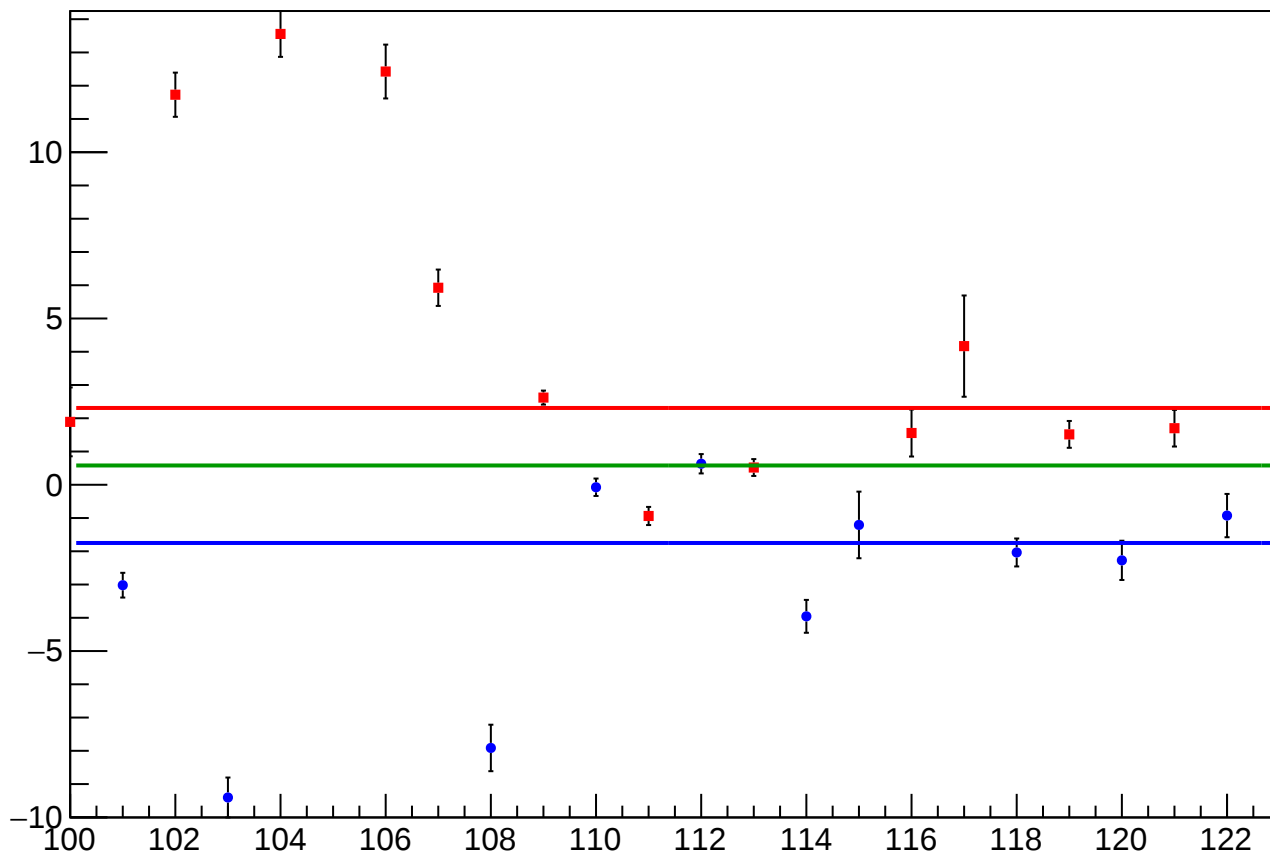
reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.375 $\pm$ 0.074 χ^2 /NDF: 419.1/10
 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

1.375 $\pm$ 0.074 χ^2 /NDF: 419.1/10
 0.190 $\pm$ 0.051 χ^2 /NDF: 1663.1/22
 -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: -1.750 ± 0.135 χ^2/NDF : 383.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.310 ± 0.117 χ^2/NDF : 869.0/11

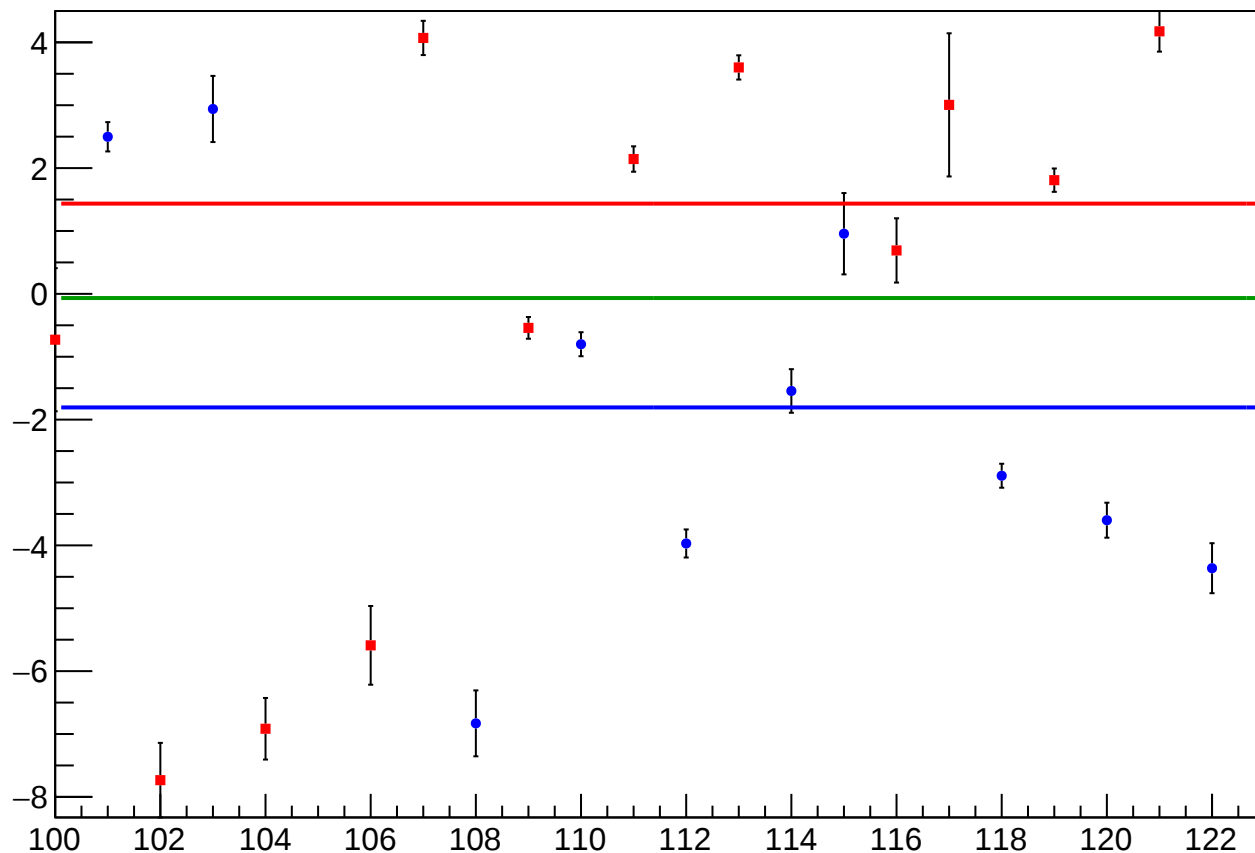
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.750 ± 0.135 χ^2/NDF : 383.2/10

0.580 ± 0.088 χ^2/NDF : 1769.3/22

2.310 ± 0.117 χ^2/NDF : 869.0/11

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.806 $\pm$ 0.087 χ^2 /NDF: 775.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.435 $\pm$ 0.081 χ^2 /NDF: 1102.5/11

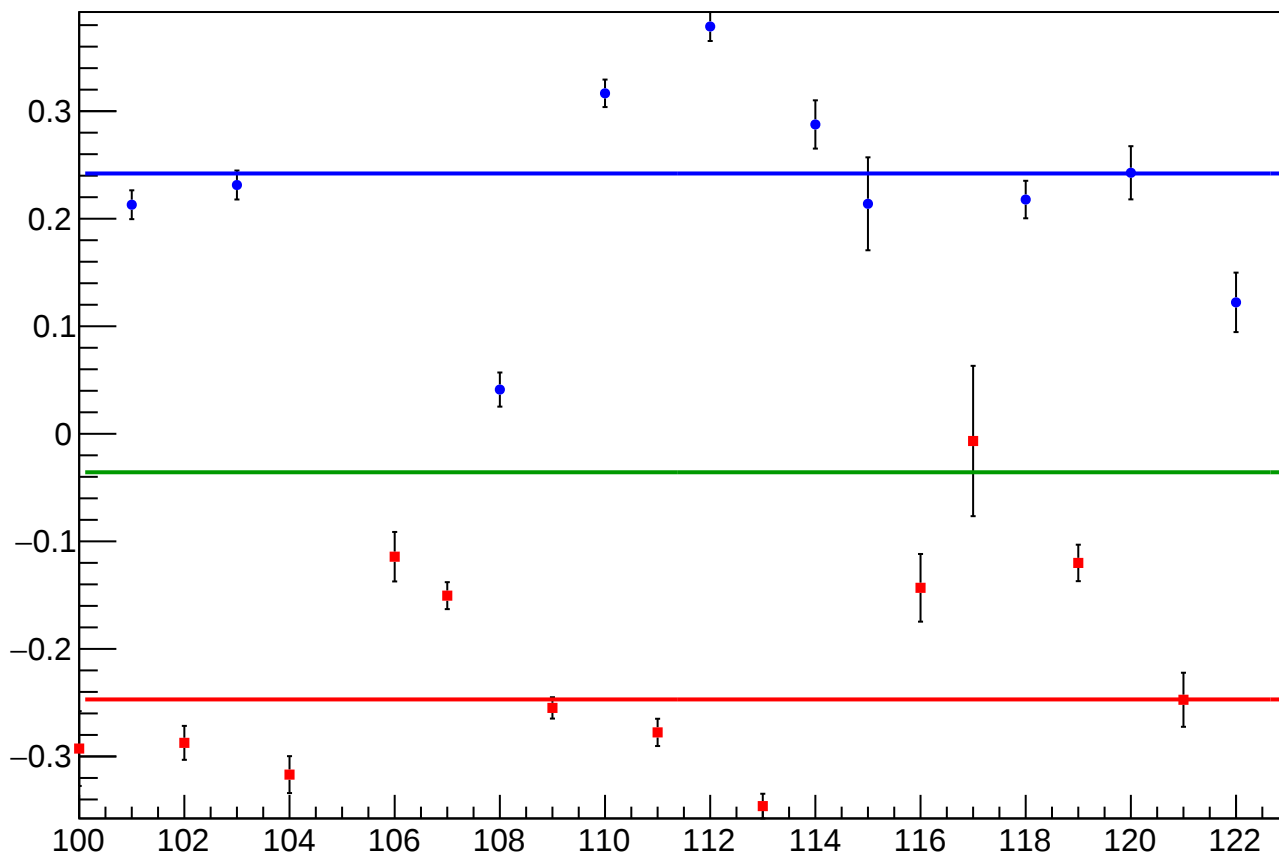
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-1.806 $\pm$ 0.087 χ^2 /NDF: 775.4/10

-0.066 $\pm$ 0.059 χ^2 /NDF: 2617.3/22

1.435 $\pm$ 0.081 χ^2 /NDF: 1102.5/11

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.242 $\pm$ 0.005 χ^2 /NDF: 336.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.247 $\pm$ 0.005 χ^2 /NDF: 277.3/11

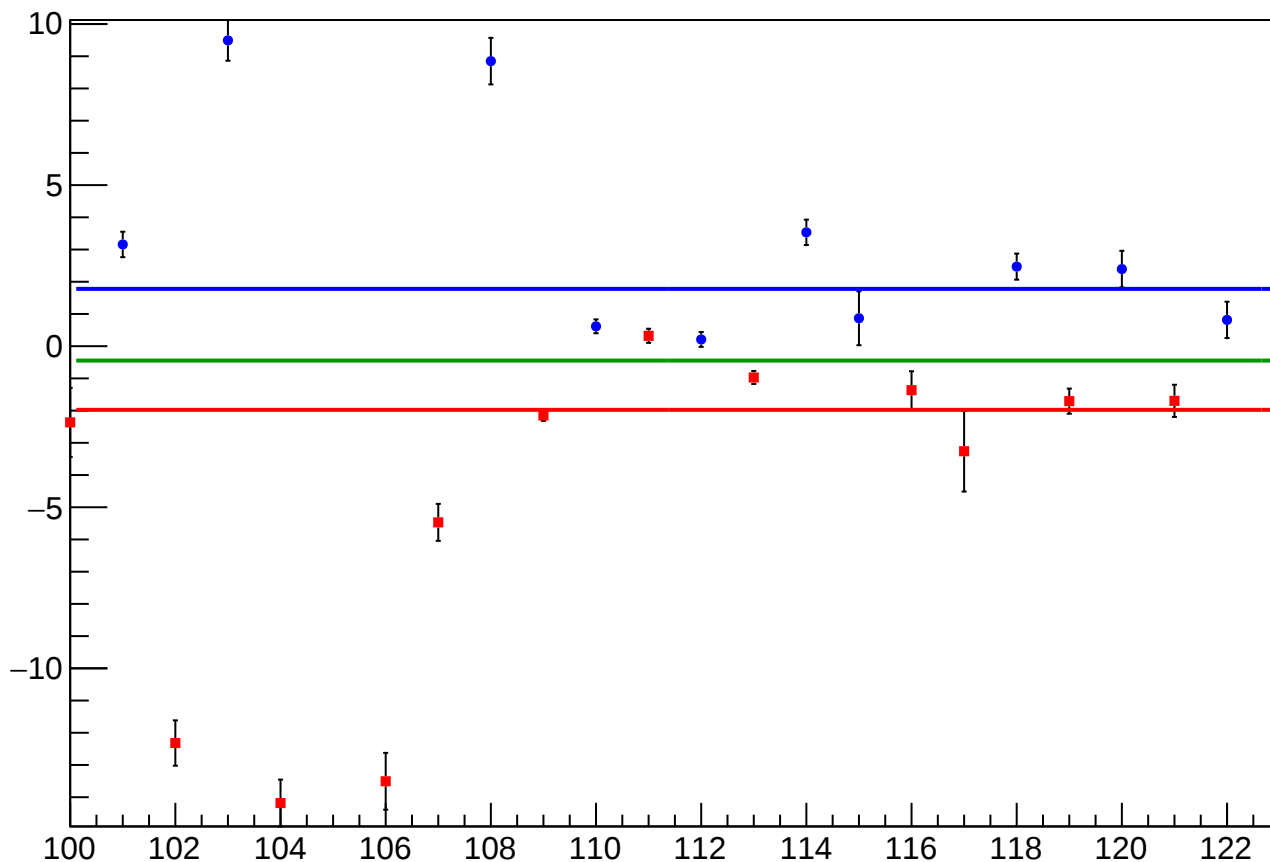
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.242 $\pm$ 0.005 χ^2 /NDF: 336.2/10

-0.036 $\pm$ 0.003 χ^2 /NDF: 5442.7/22

-0.247 $\pm$ 0.005 χ^2 /NDF: 277.3/11

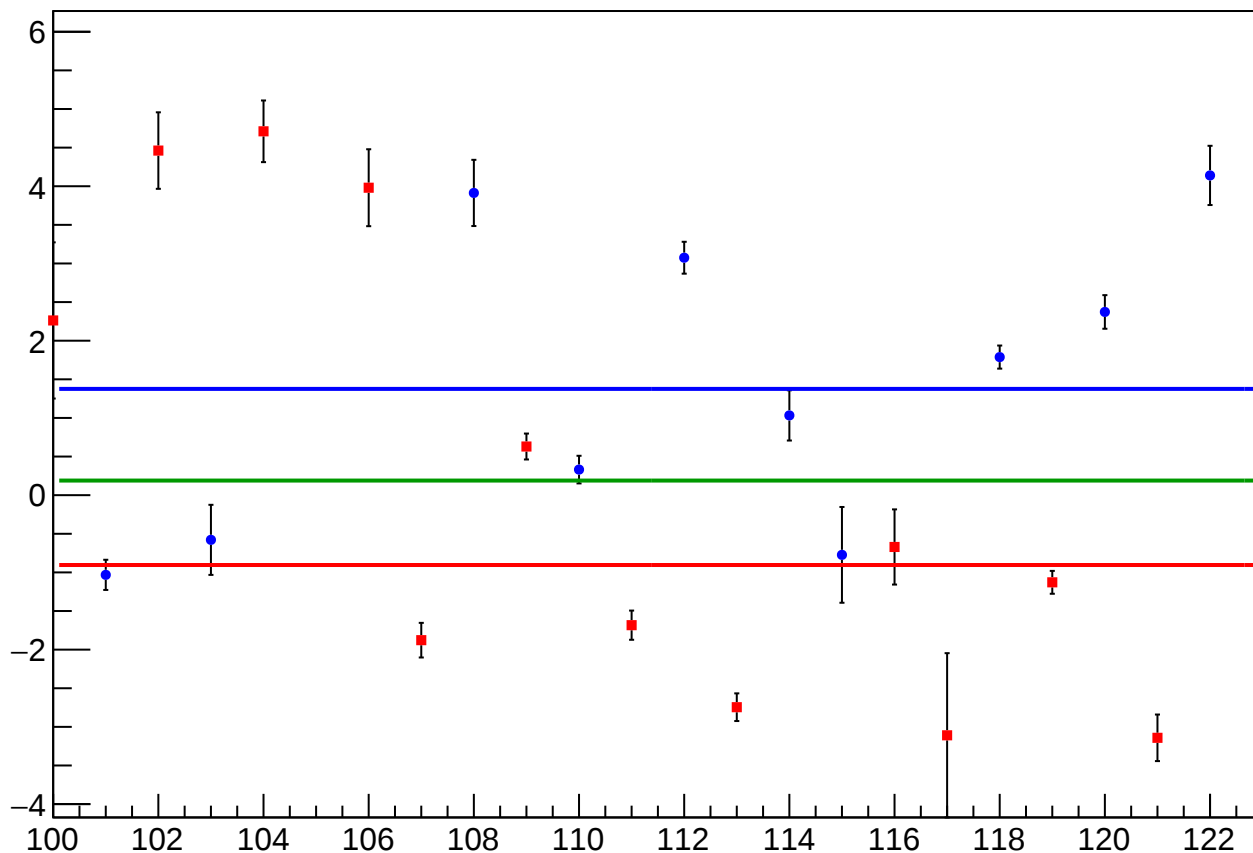
reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.779 $\pm$ 0.118 χ^2/NDF : 360.2/10
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: -1.976 $\pm$ 0.098 χ^2/NDF : 844.2/11
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1.779 $\pm$ 0.118 χ^2/NDF : 360.2/10
 -0.446 $\pm$ 0.075 χ^2/NDF : 1803.2/22
 -1.976 $\pm$ 0.098 χ^2/NDF : 844.2/11

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.376 $\pm$ 0.075 χ^2 /NDF: 408.7/10

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

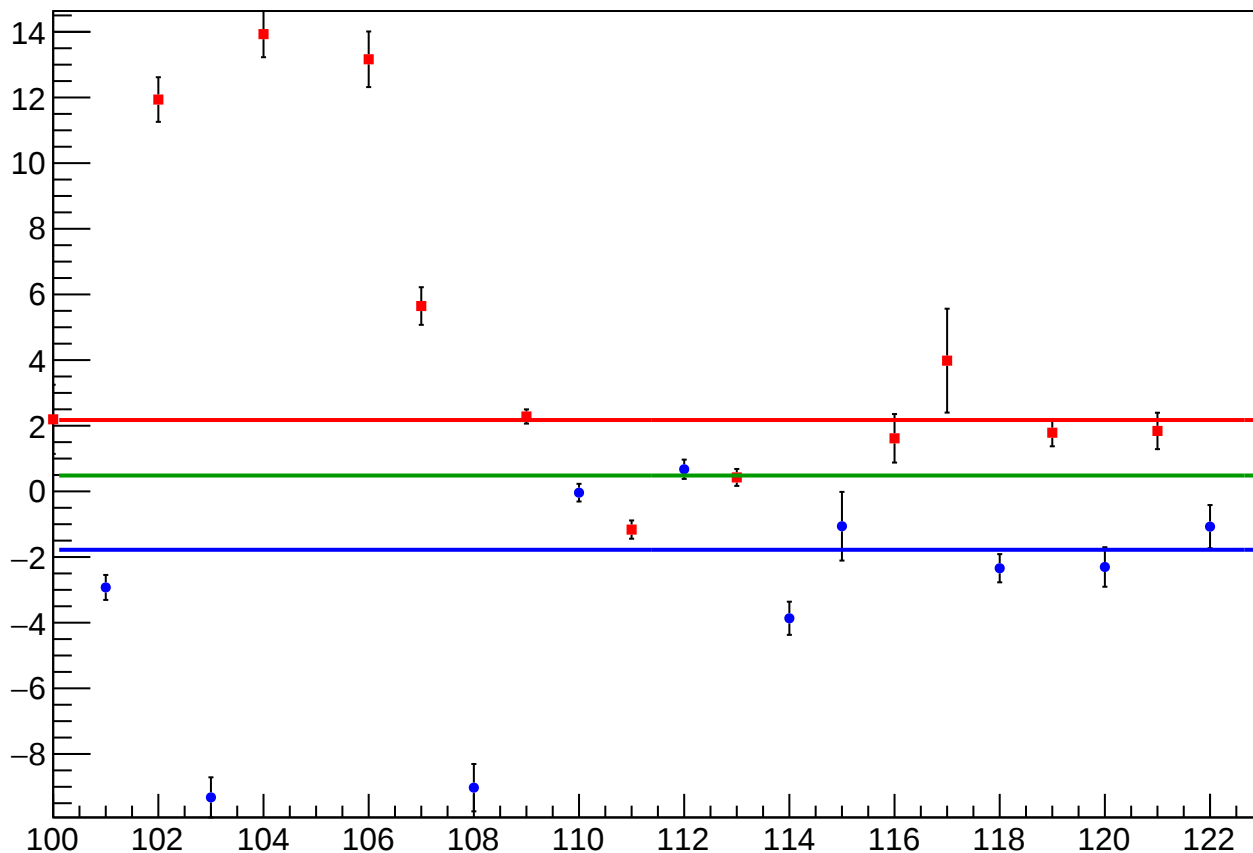
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.376 $\pm$ 0.075 χ^2 /NDF: 408.7/10

0.189 $\pm$ 0.052 χ^2 /NDF: 1594.8/22

-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 : 395.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.174+/-0.119 χ^2/NDF : 883.8/11

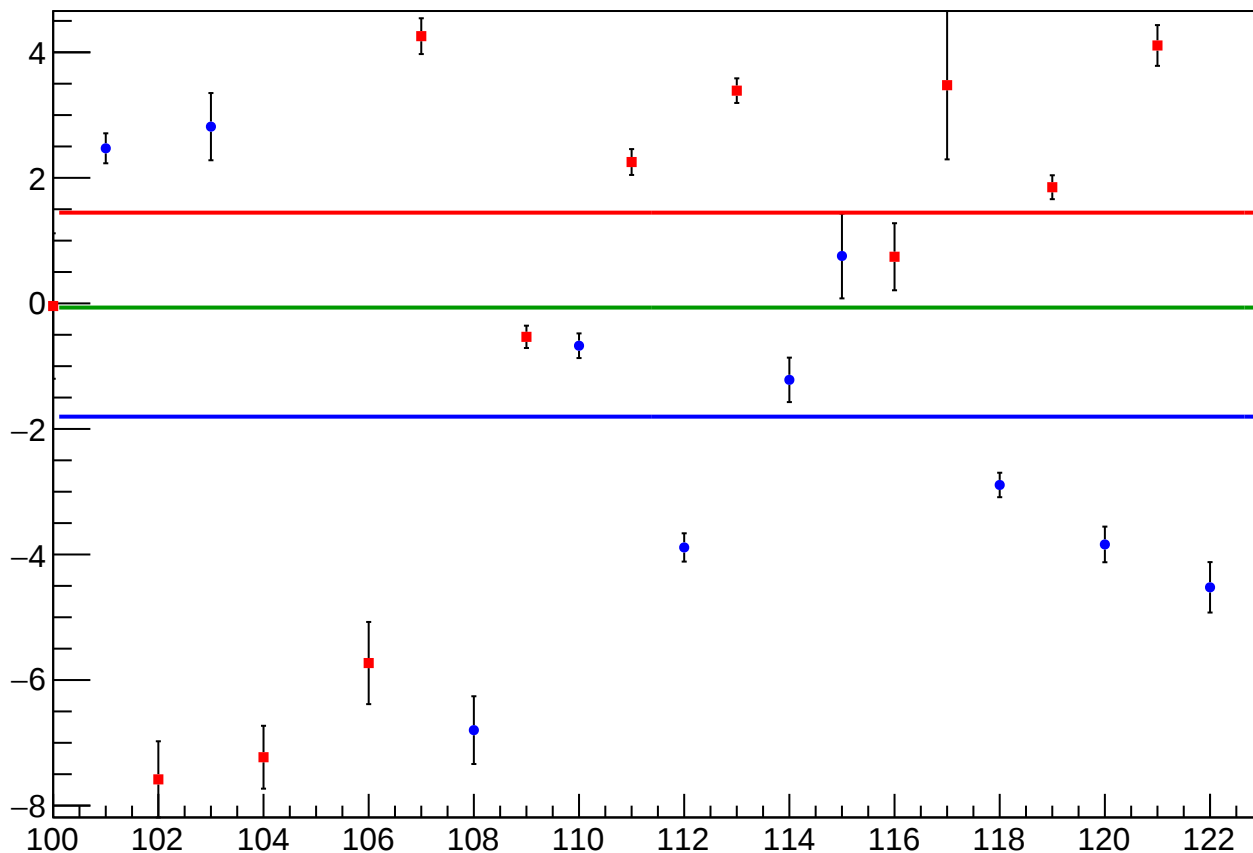
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.779+/-0.138 χ^2/NDF : 395.1/10

0.483+/-0.090 χ^2/NDF : 1747.5/22

2.174+/-0.119 χ^2/NDF : 883.8/11

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.804+/-0.089 χ^2 /NDF: 750.3/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1.446+/-0.083 χ^2 /NDF: 1054.0/11

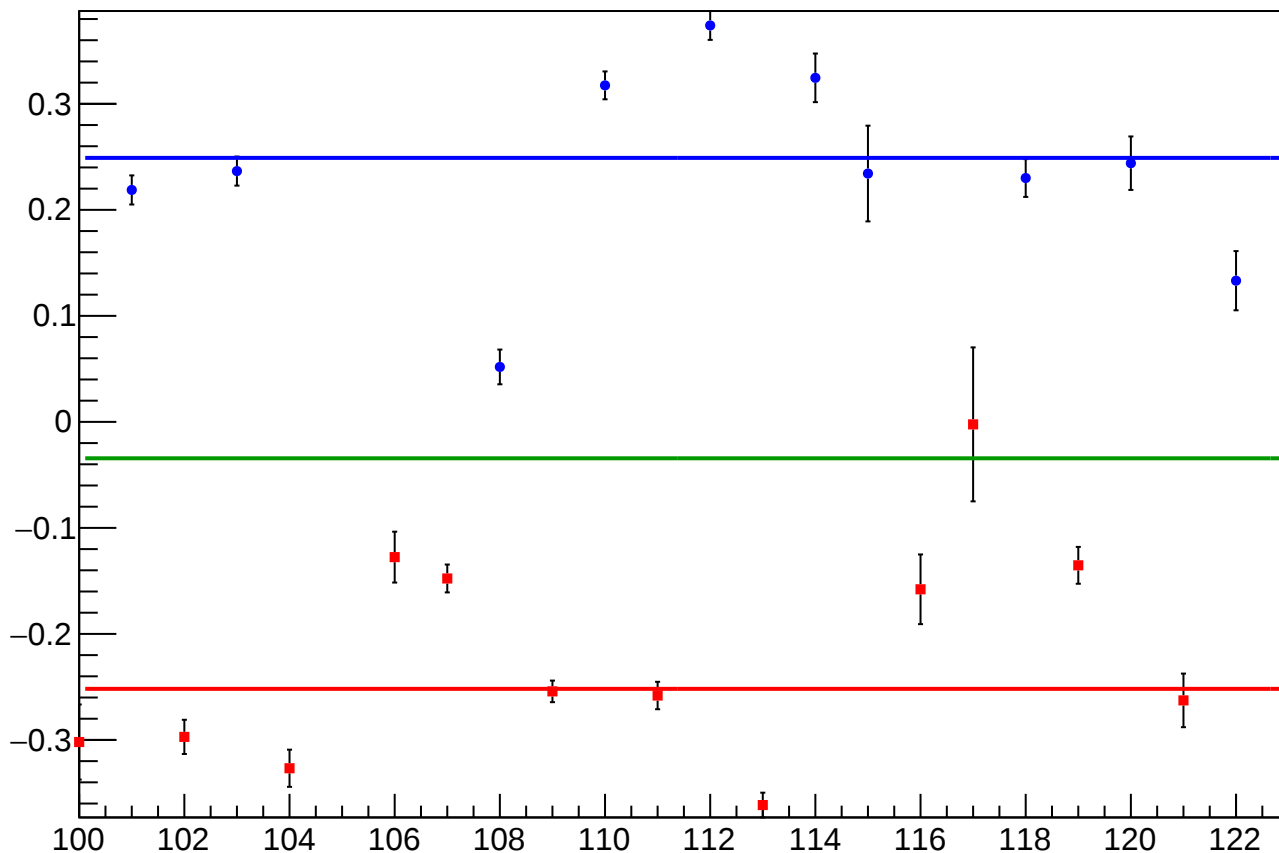
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1.804+/-0.089 χ^2 /NDF: 750.3/10

-0.066+/-0.061 χ^2 /NDF: 2514.3/22

1.446+/-0.083 χ^2 /NDF: 1054.0/11

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.249+/-0.005 χ^2/NDF : 298.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.252+/-0.005 χ^2/NDF : 271.1/11

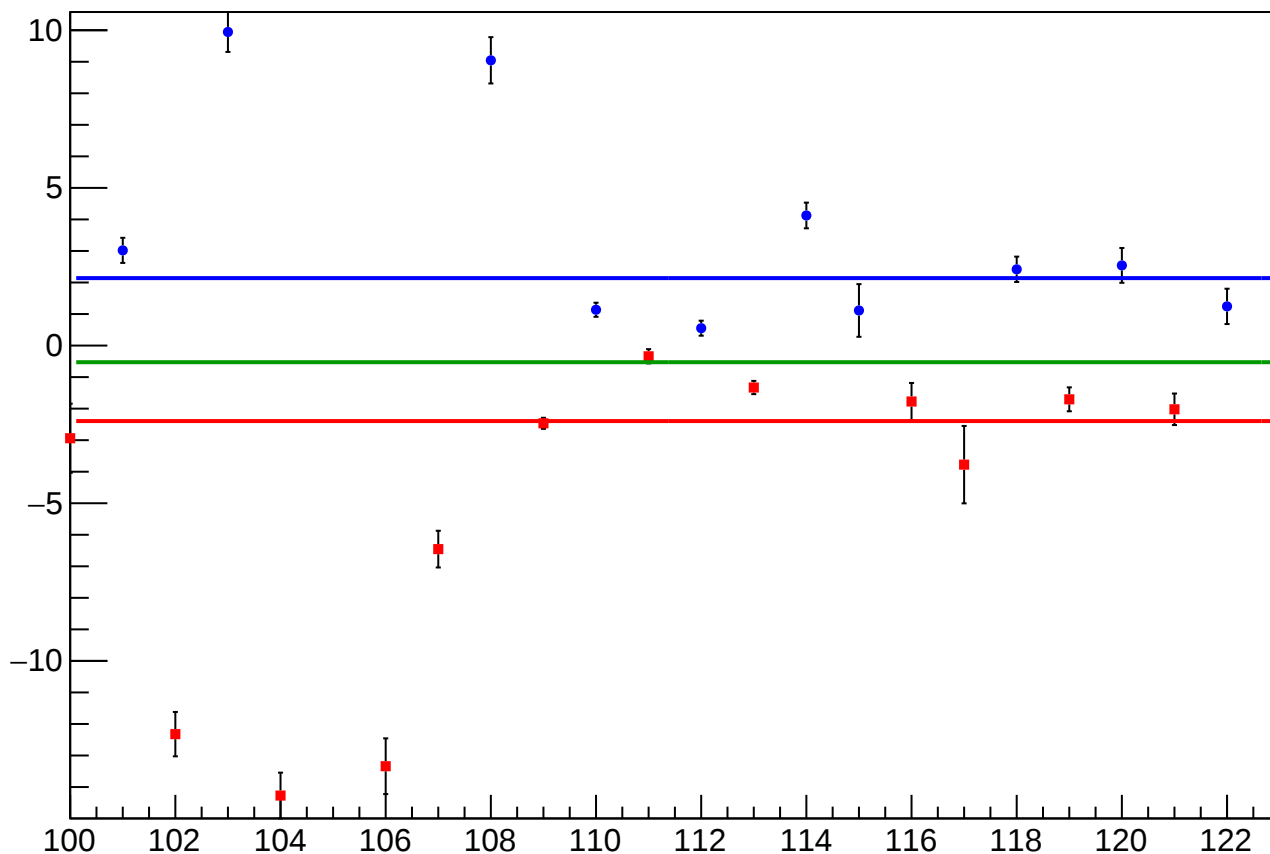
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.249+/-0.005 χ^2/NDF : 298.8/10

-0.034+/-0.004 χ^2/NDF : 5401.3/22

-0.252+/-0.005 χ^2/NDF : 271.1/11

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 2.139 $\pm$ 0.121 χ^2 /NDF: 339.8/10

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

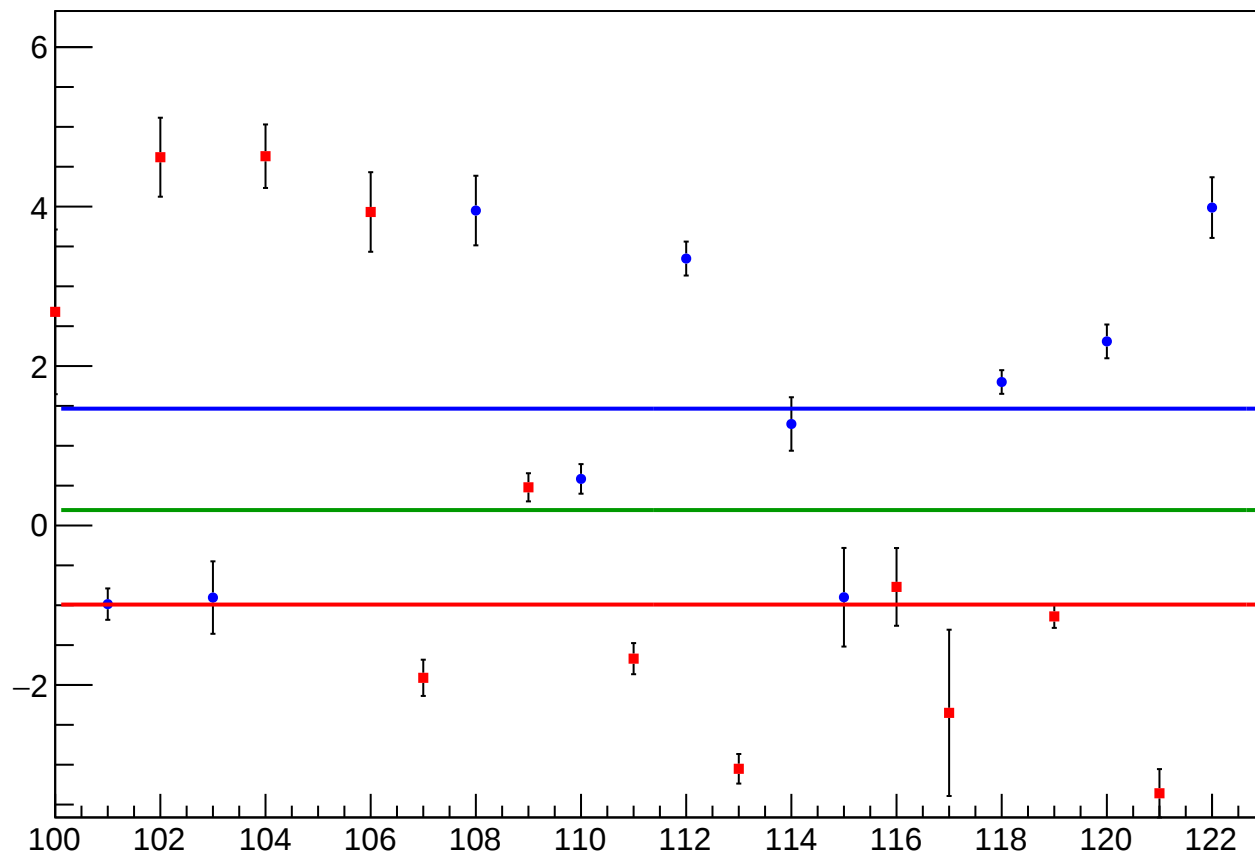
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.139 $\pm$ 0.121 χ^2 /NDF: 339.8/10

-0.528 $\pm$ 0.077 χ^2 /NDF: 1953.9/22

-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: 1.466 $\pm$ 0.076 χ^2 /NDF: 403.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.992 $\pm$ 0.073 χ^2 /NDF: 722.5/11

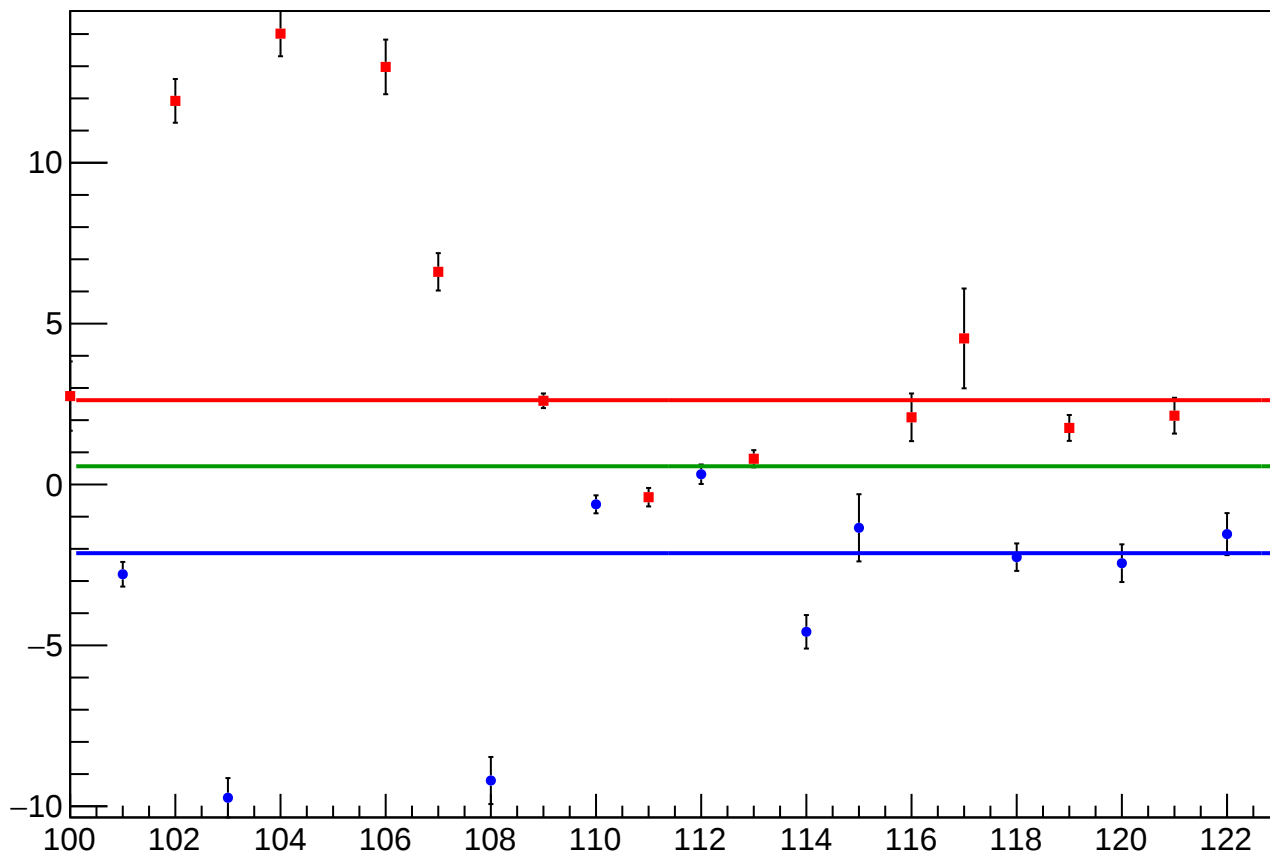
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

1.466 $\pm$ 0.076 χ^2 /NDF: 403.3/10

0.194 $\pm$ 0.053 χ^2 /NDF: 1668.7/22

-0.992 $\pm$ 0.073 χ^2 /NDF: 722.5/11

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.134+/-0.141 χ^2/NDF : 369.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.621+/-0.123 χ^2/NDF : 810.1/11

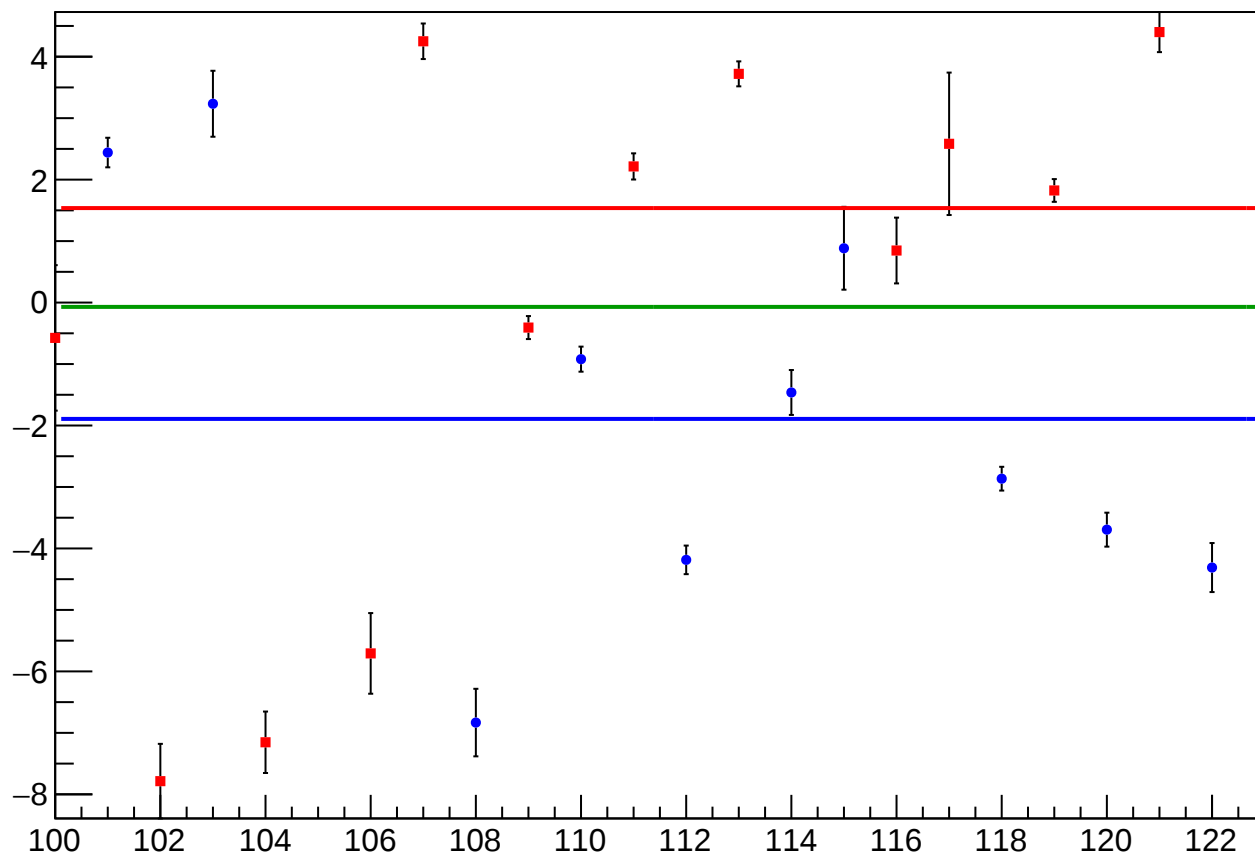
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.134+/-0.141 χ^2/NDF : 369.6/10

0.567+/-0.092 χ^2/NDF : 1829.4/22

2.621+/-0.123 χ^2/NDF : 810.1/11

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.893+/-0.090 χ^2 /NDF: 745.7/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1.537+/-0.085 χ^2 /NDF: 1067.0/11

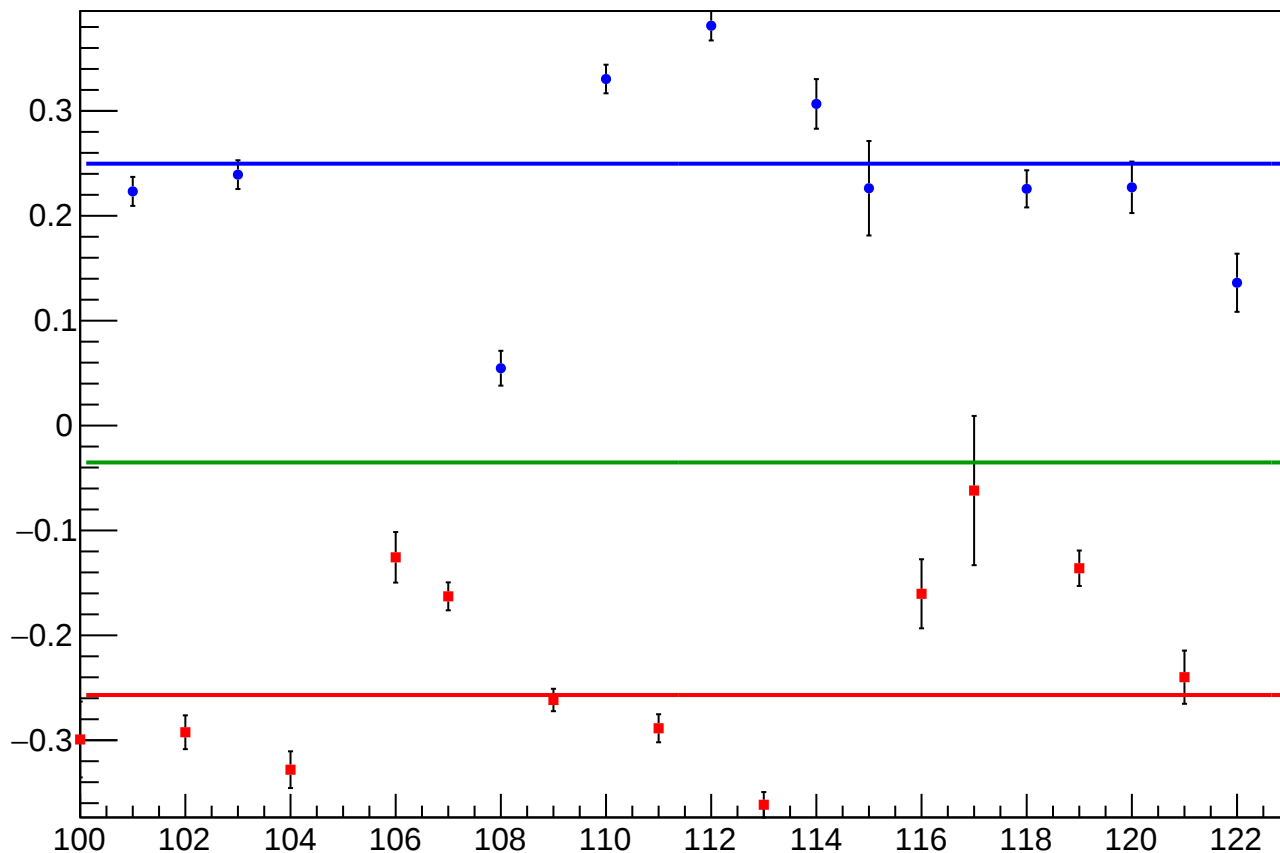
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.893+/-0.090 χ^2 /NDF: 745.7/10

-0.070+/-0.062 χ^2 /NDF: 2581.4/22

1.537+/-0.085 χ^2 /NDF: 1067.0/11

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.250+/-0.005 χ^2/NDF : 298.7/10

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

0.250+/-0.005 χ^2/NDF : 298.7/10

-0.035+/-0.004 χ^2/NDF : 5334.1/22

-0.257+/-0.005 χ^2/NDF : 250.6/11