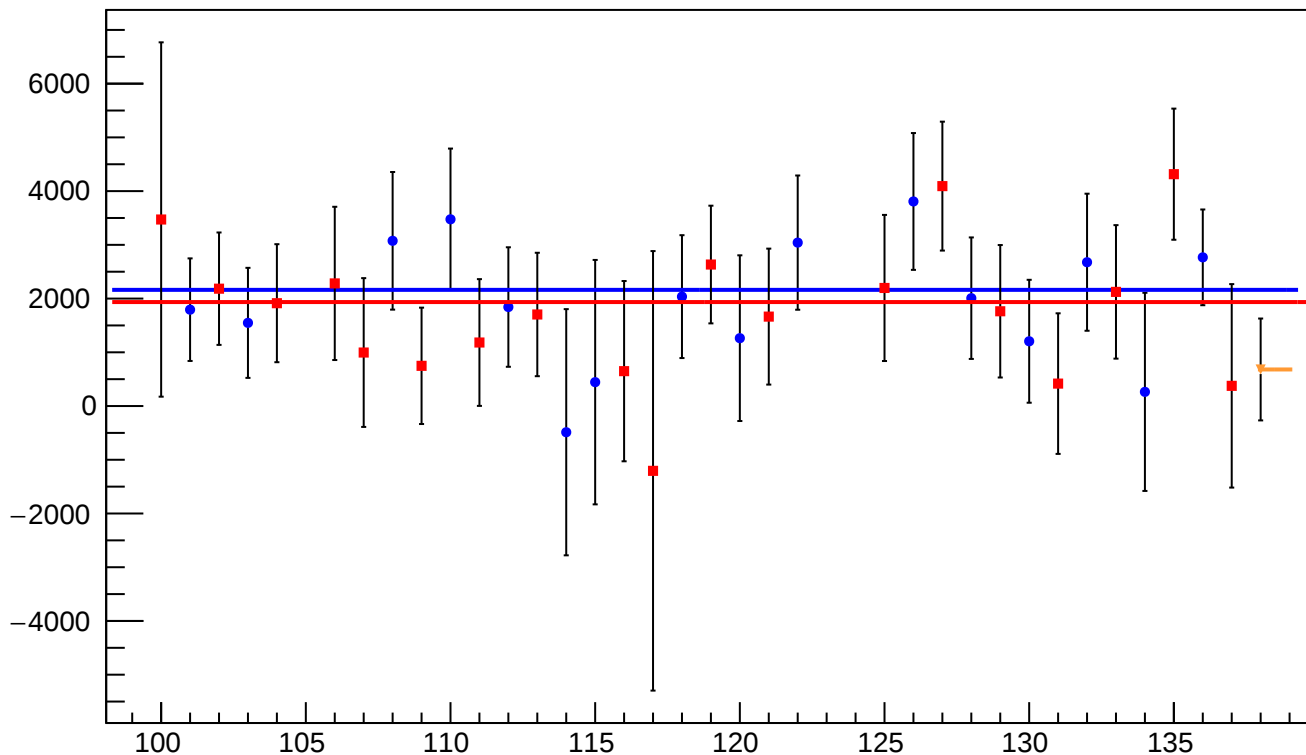


reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2162.311+/-307.312

χ^2/NDF : 8.9/15

Left Out: 680.552+/-948.021

χ^2/NDF : 0.0/0

Right Out: 1935.183+/-299.773

χ^2/NDF : 13.2/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

2021.412+/-292.336

χ^2/NDF : 11.1/16

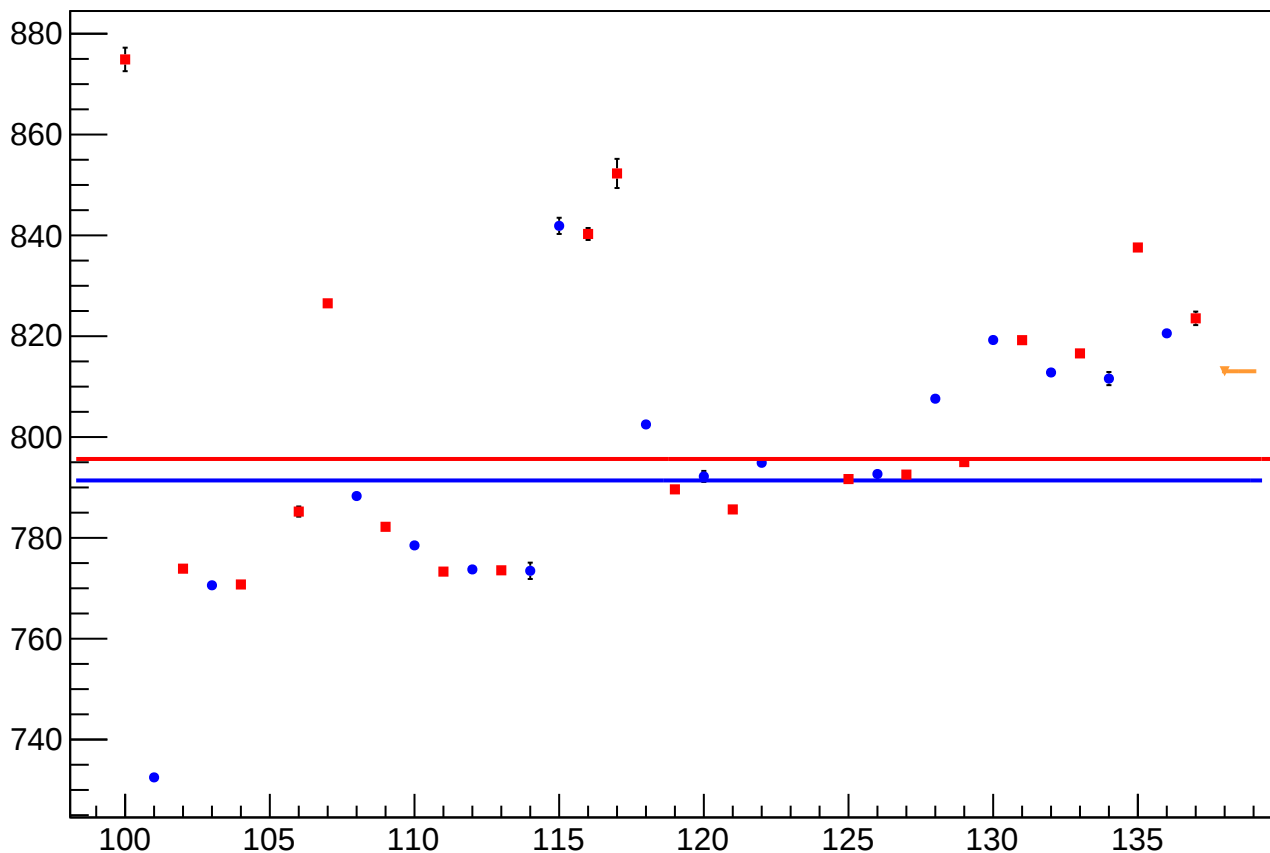
1979.380+/-209.293

χ^2/NDF : 24.4/35

1935.183+/-299.773

χ^2/NDF : 13.2/18

reg_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 791.390 $\pm$ 0.217 χ^2 /NDF: 15008.3/15

Left Out: 813.047 $\pm$ 0.670 χ^2 /NDF: 0.0/0

Right Out: 795.650 $\pm$ 0.212 χ^2 /NDF: 11945.4/18

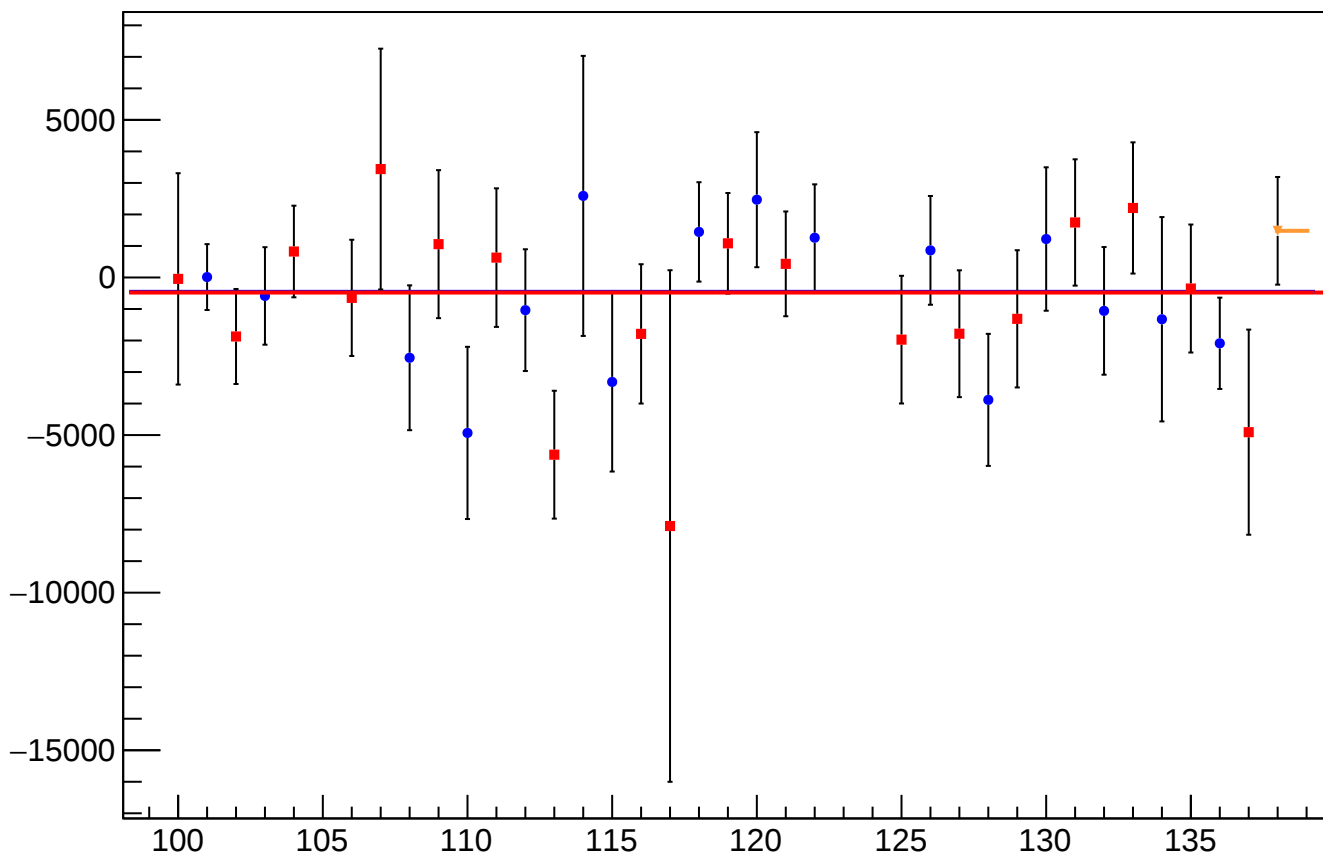
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

793.450 $\pm$ 0.207 χ^2 /NDF: 15952.7/16

794.522 $\pm$ 0.148 χ^2 /NDF: 27953.3/35

795.650 $\pm$ 0.212 χ^2 /NDF: 11945.4/18

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -455.675+/-464.232 χ^2/NDF : 14.9/15

Left Out: 1480.764+/-1708.031 χ^2/NDF : 0.0/0

Right Out: -477.782+/-471.960 χ^2/NDF : 18.2/18

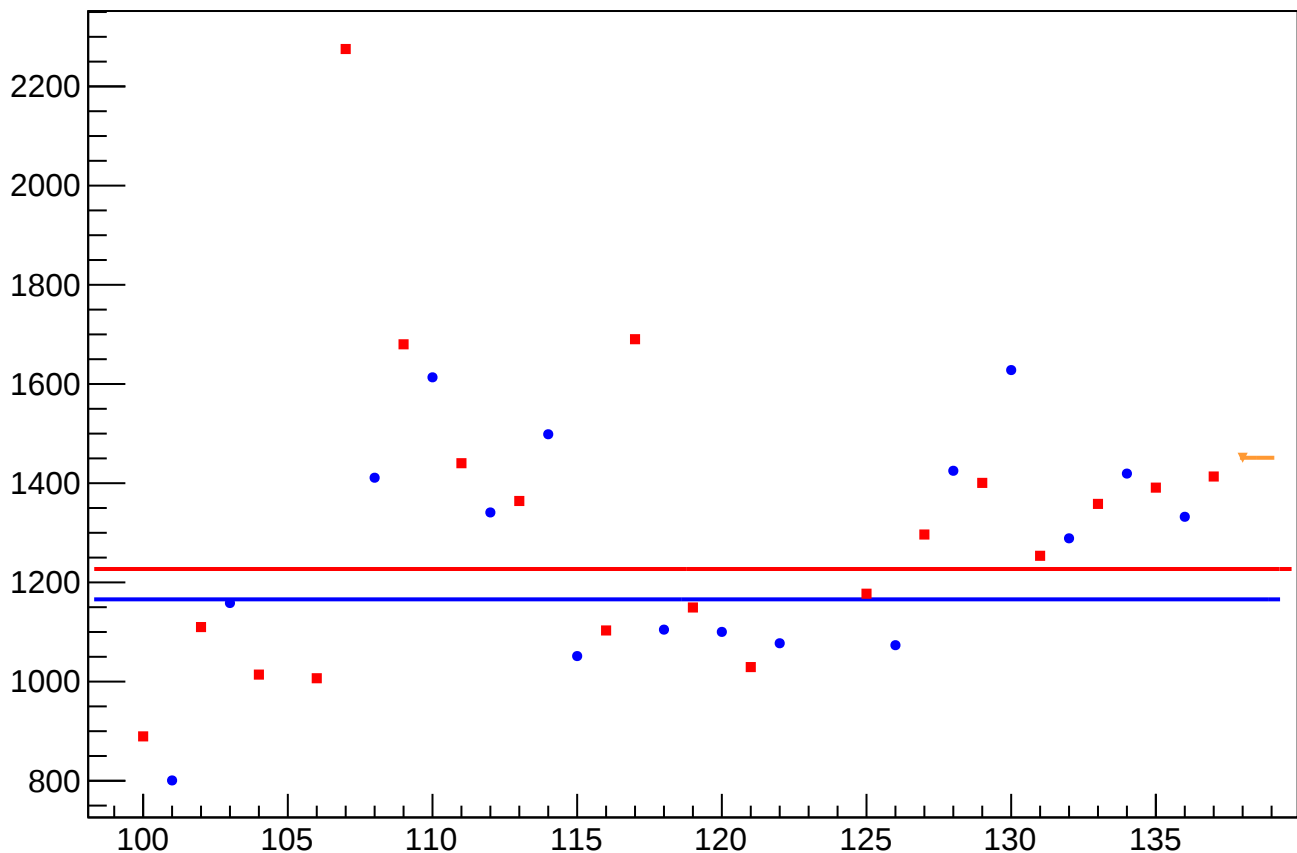
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-322.467+/-447.980 χ^2/NDF : 16.1/16

-396.079+/-324.917 χ^2/NDF : 34.3/35

-477.782+/-471.960 χ^2/NDF : 18.2/18

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1165.812 $\pm$ 0.328 χ^2 /NDF: 526801.3/15

Left Out: 1451.284 $\pm$ 1.208 χ^2 /NDF: 0.0/0

Right Out: 1227.021 $\pm$ 0.334 χ^2 /NDF: 446961.2/18

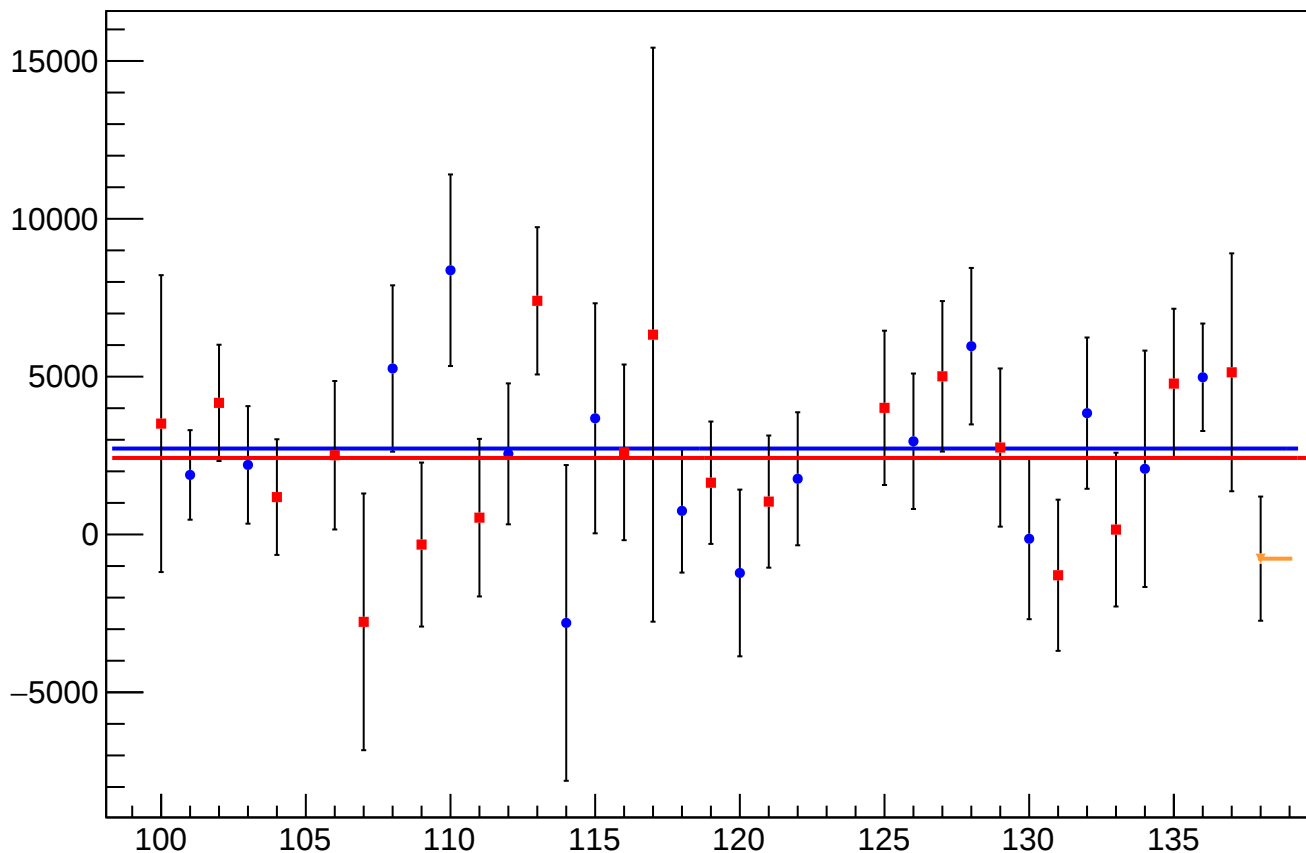
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1185.450 $\pm$ 0.317 χ^2 /NDF: 578826.6/16

1205.152 $\pm$ 0.230 χ^2 /NDF: 1033950.3/35

1227.021 $\pm$ 0.334 χ^2 /NDF: 446961.2/18

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2722.309+/-567.154 χ^2/NDF : 14.6/15

Left Out: -766.254+/-1967.001 χ^2/NDF : 0.0/0

Right Out: 2423.739+/-567.866 χ^2/NDF : 16.5/18

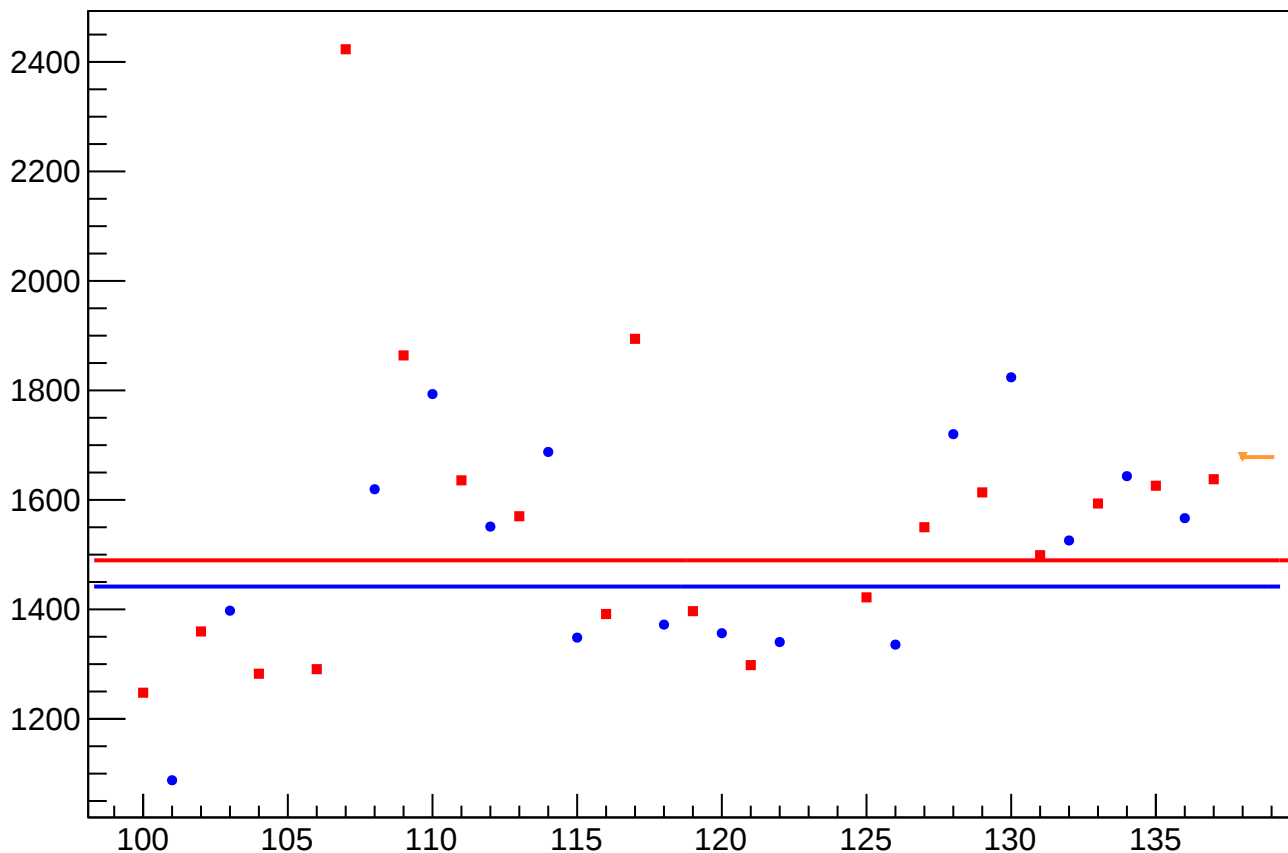
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2454.543+/-544.953 χ^2/NDF : 17.5/16

2439.775+/-393.191 χ^2/NDF : 33.9/35

2423.739+/-567.866 χ^2/NDF : 16.5/18

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1441.720+/-0.401 χ^2/NDF : 275902.8/15

Left Out: 1678.197+/-1.391 χ^2/NDF : 0.0/0

Right Out: 1489.610+/-0.402 χ^2/NDF : 260116.0/18

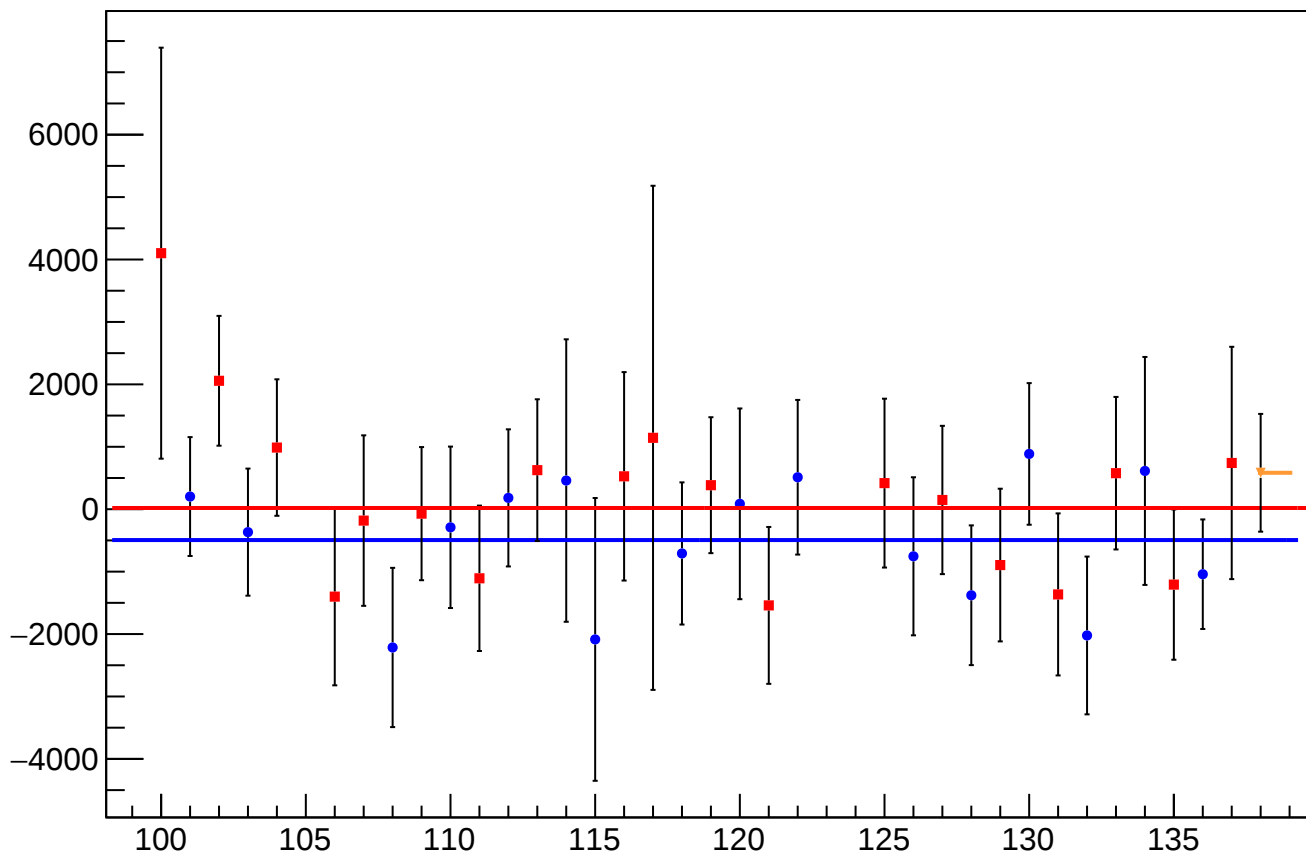
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1459.871+/-0.385 χ^2/NDF : 302590.6/16

1474.128+/-0.278 χ^2/NDF : 565562.1/35

1489.610+/-0.402 χ^2/NDF : 260116.0/18

reg_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -494.223+/-304.644 χ^2/NDF : 8.7/15

Left Out: 583.546+/-943.233 χ^2/NDF : 0.0/0

Right Out: 19.622+/-296.930 χ^2/NDF : 13.4/18

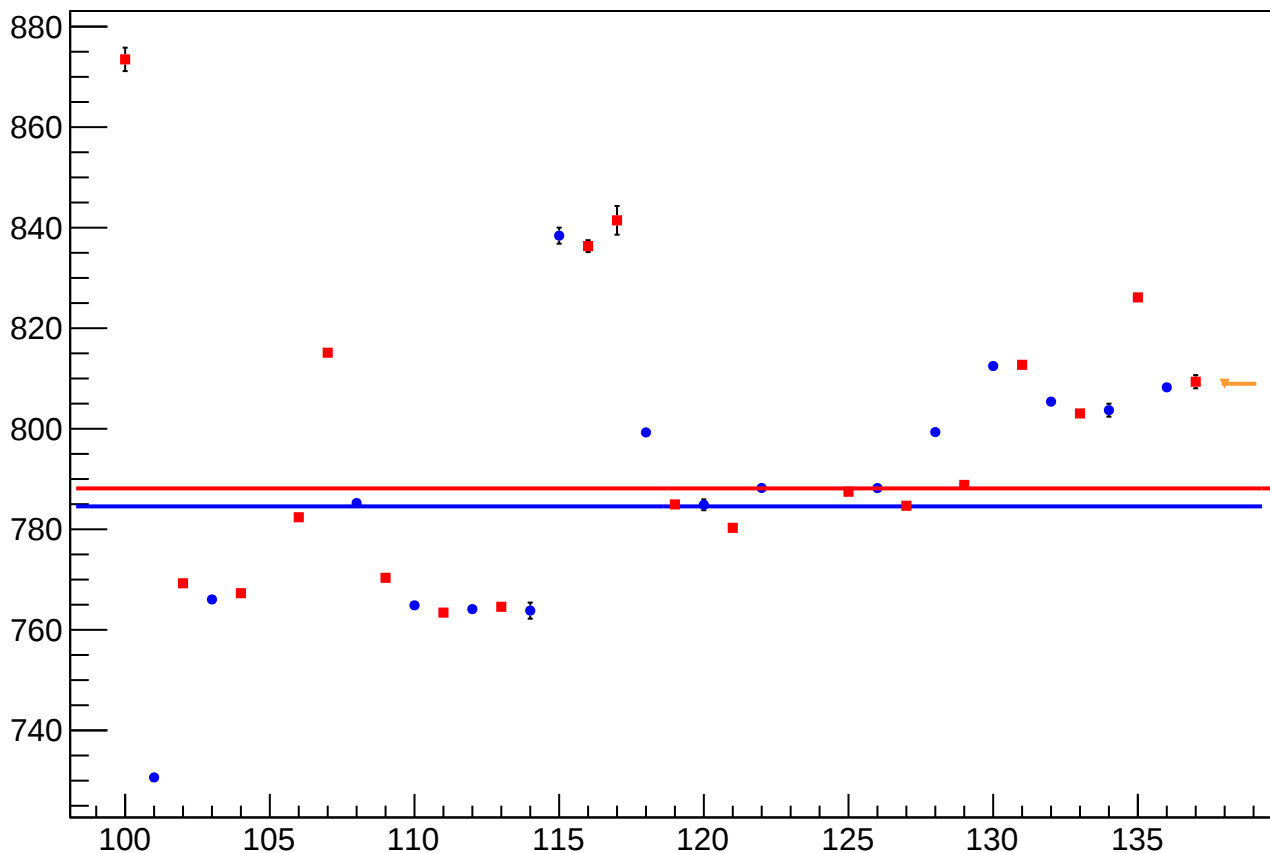
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-392.416+/-289.899 χ^2/NDF : 9.8/16

-191.333+/-207.431 χ^2/NDF : 24.2/35

19.622+/-296.930 χ^2/NDF : 13.4/18

reg_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 784.558 +/- 0.215 χ^2/NDF : 13677.7/15

Left Out: 808.956 +/- 0.667 χ^2/NDF : 0.0/0

Right Out: 788.134 +/- 0.210 χ^2/NDF : 11259.7/18

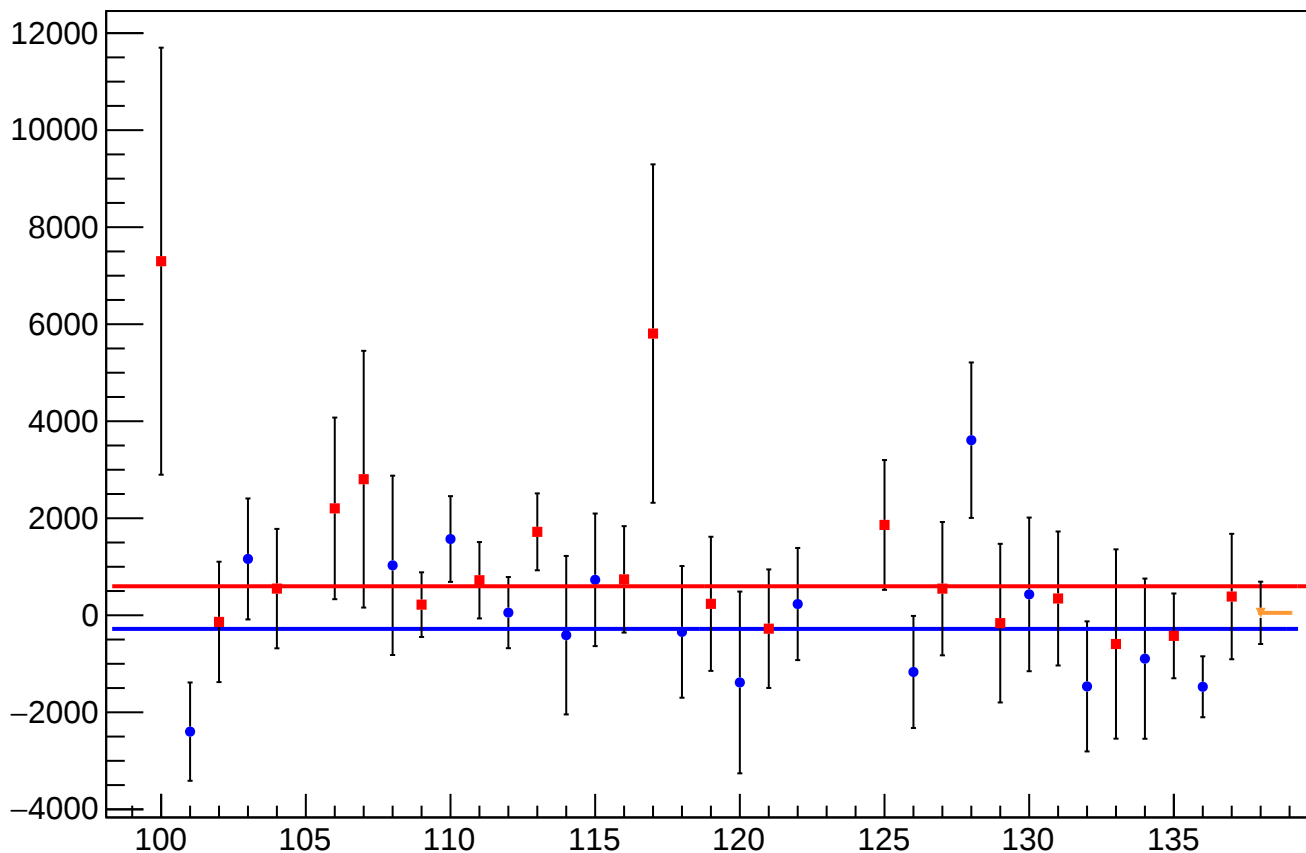
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

786.863 +/- 0.205 χ^2/NDF : 14889.4/16

787.483 +/- 0.147 χ^2/NDF : 26167.9/35

788.134 +/- 0.210 χ^2/NDF : 11259.7/18

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -280.632+/-282.501 χ^2/NDF : 23.1/15

Left Out: 50.095+/-642.199 χ^2/NDF : 0.0/0

Right Out: 598.108+/-272.052 χ^2/NDF : 12.2/18

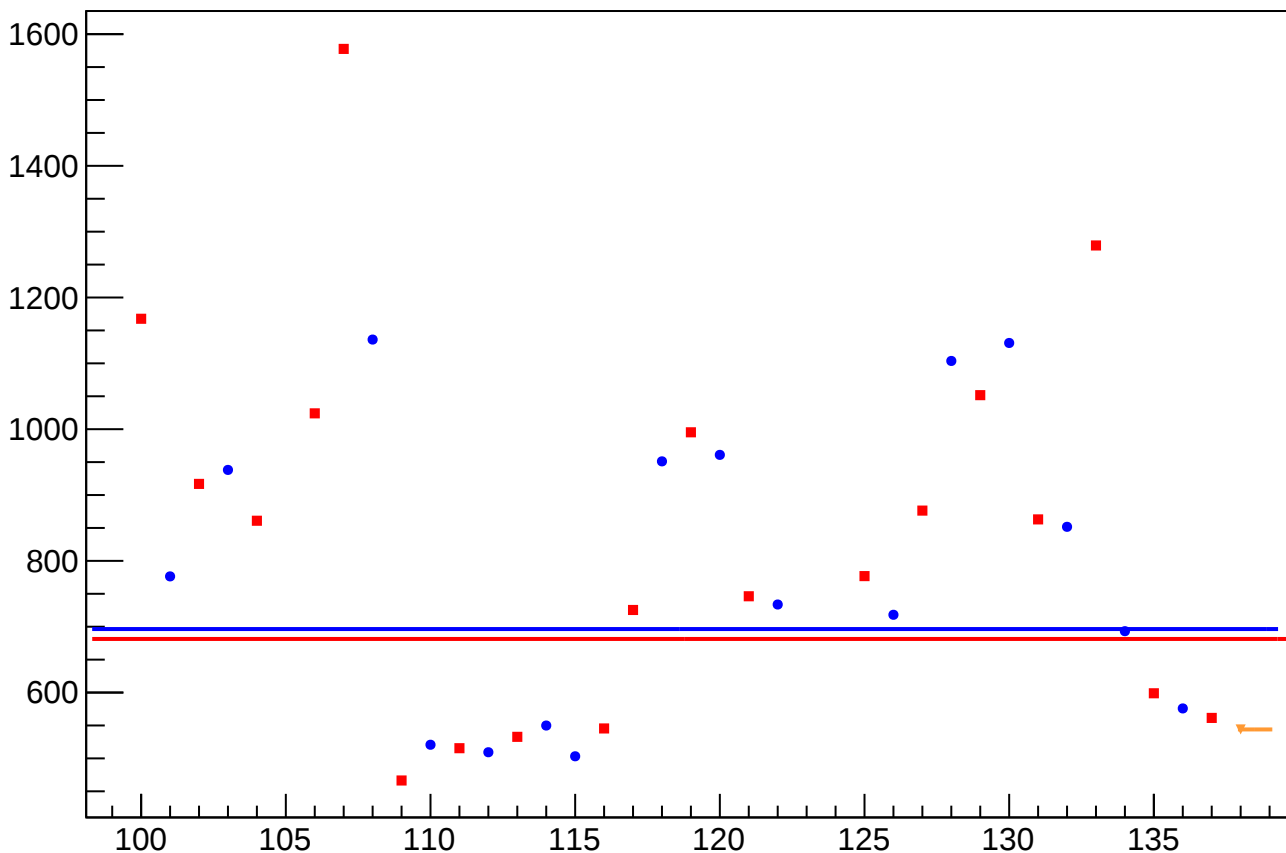
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-227.010+/-258.587 χ^2/NDF : 23.4/16

164.626+/-187.428 χ^2/NDF : 40.4/35

598.108+/-272.052 χ^2/NDF : 12.2/18

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 696.462+/-0.200 χ^2/NDF : 959490.0/15

Left Out: 543.964+/-0.454 χ^2/NDF : 0.0/0

Right Out: 681.396+/-0.192 χ^2/NDF : 1352876.1/18

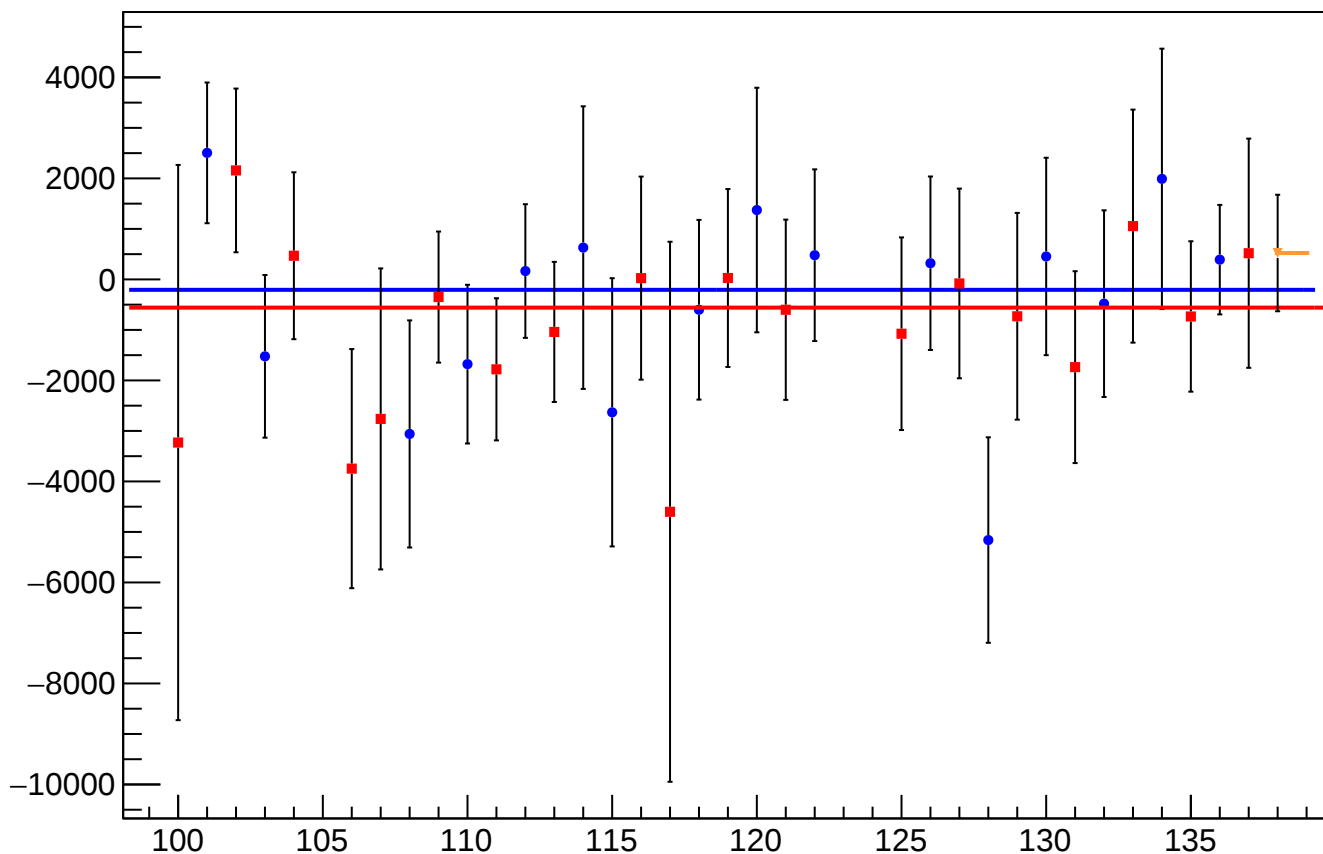
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

671.737+/-0.183 χ^2/NDF : 1053981.2/16

676.321+/-0.133 χ^2/NDF : 2408181.9/35

681.396+/-0.192 χ^2/NDF : 1352876.1/18

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -206.385+/-433.774 χ^2/NDF : 15.8/15

Left Out: 522.542+/-1153.190 χ^2/NDF : 0.0/0

Right Out: -558.638+/-425.771 χ^2/NDF : 8.7/18

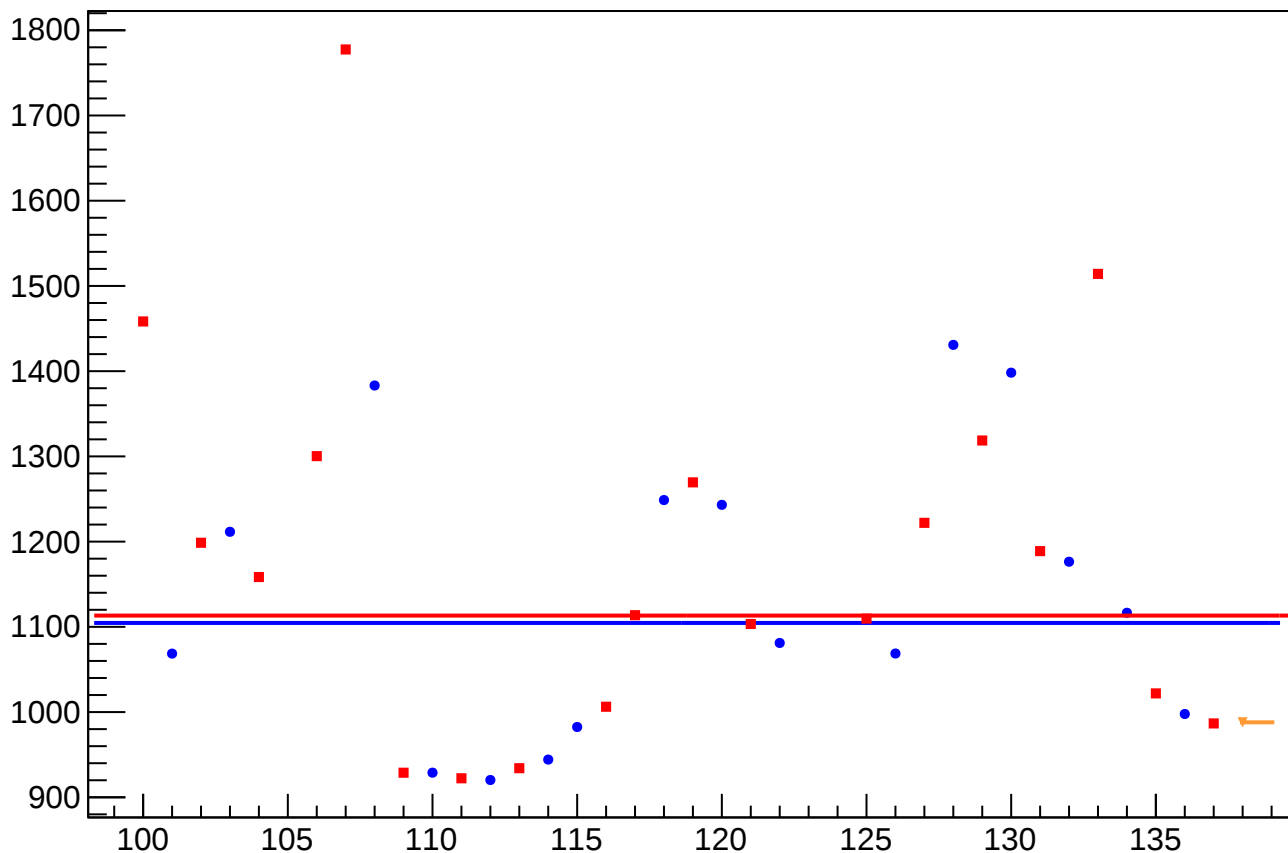
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-116.033+/-406.001 χ^2/NDF : 16.1/16

-326.821+/-293.827 χ^2/NDF : 25.4/35

-558.638+/-425.771 χ^2/NDF : 8.7/18

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1104.596 $\pm$ 0.307 χ^2 /NDF: 255488.3/15

Left Out: 987.980 $\pm$ 0.815 χ^2 /NDF: 0.0/0

Right Out: 1113.218 $\pm$ 0.301 χ^2 /NDF: 362982.2/18

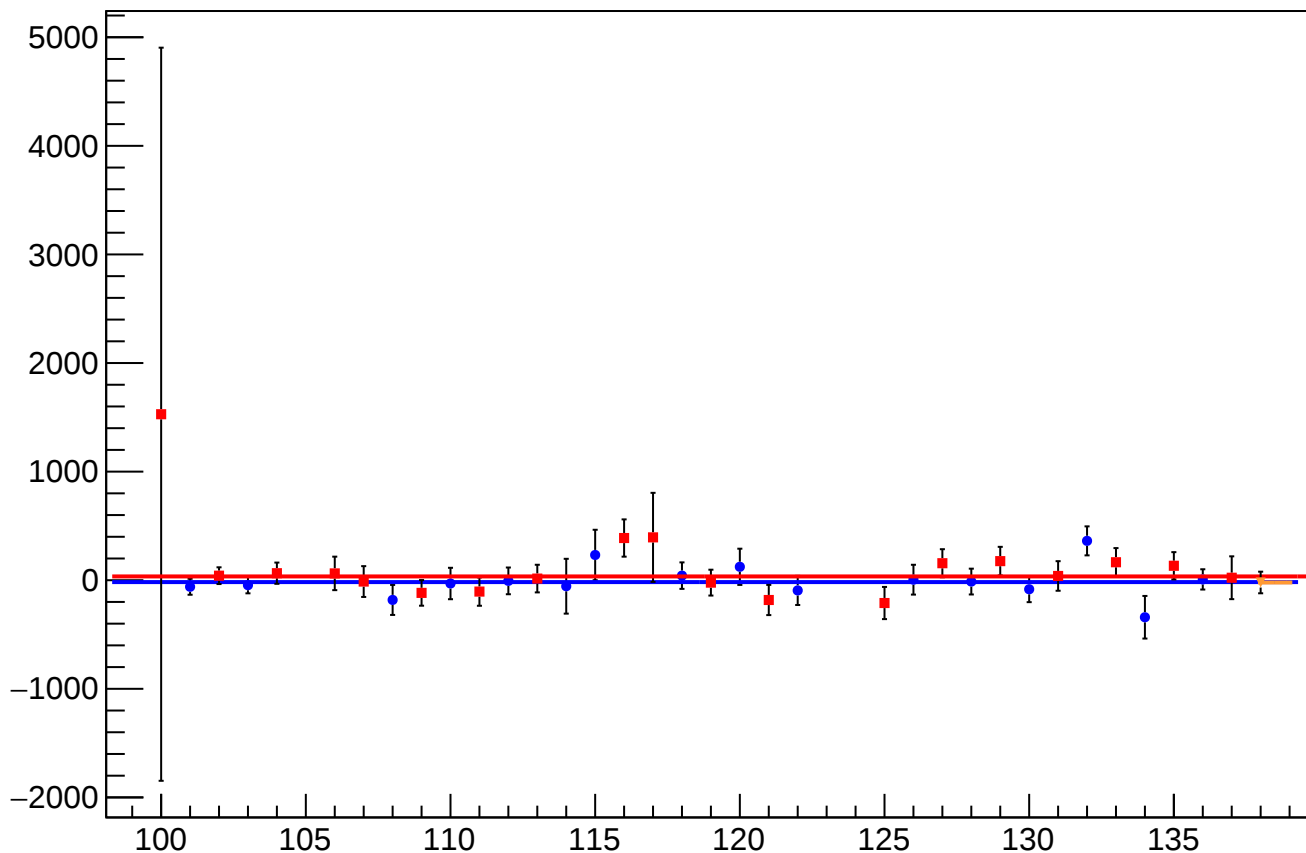
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1090.141 $\pm$ 0.287 χ^2 /NDF: 273405.8/16

1101.132 $\pm$ 0.208 χ^2 /NDF: 639465.2/35

1113.218 $\pm$ 0.301 χ^2 /NDF: 362982.2/18

reg_asym_ds_avg_mean vs Slug, Sign Corrected



Right In: -17.236+/-29.988 χ^2 /NDF: 15.6/15

Left Out: -20.871+/-99.521 χ^2 /NDF: 0.0/0

Right Out: 34.875+/-30.363 χ^2 /NDF: 17.3/18

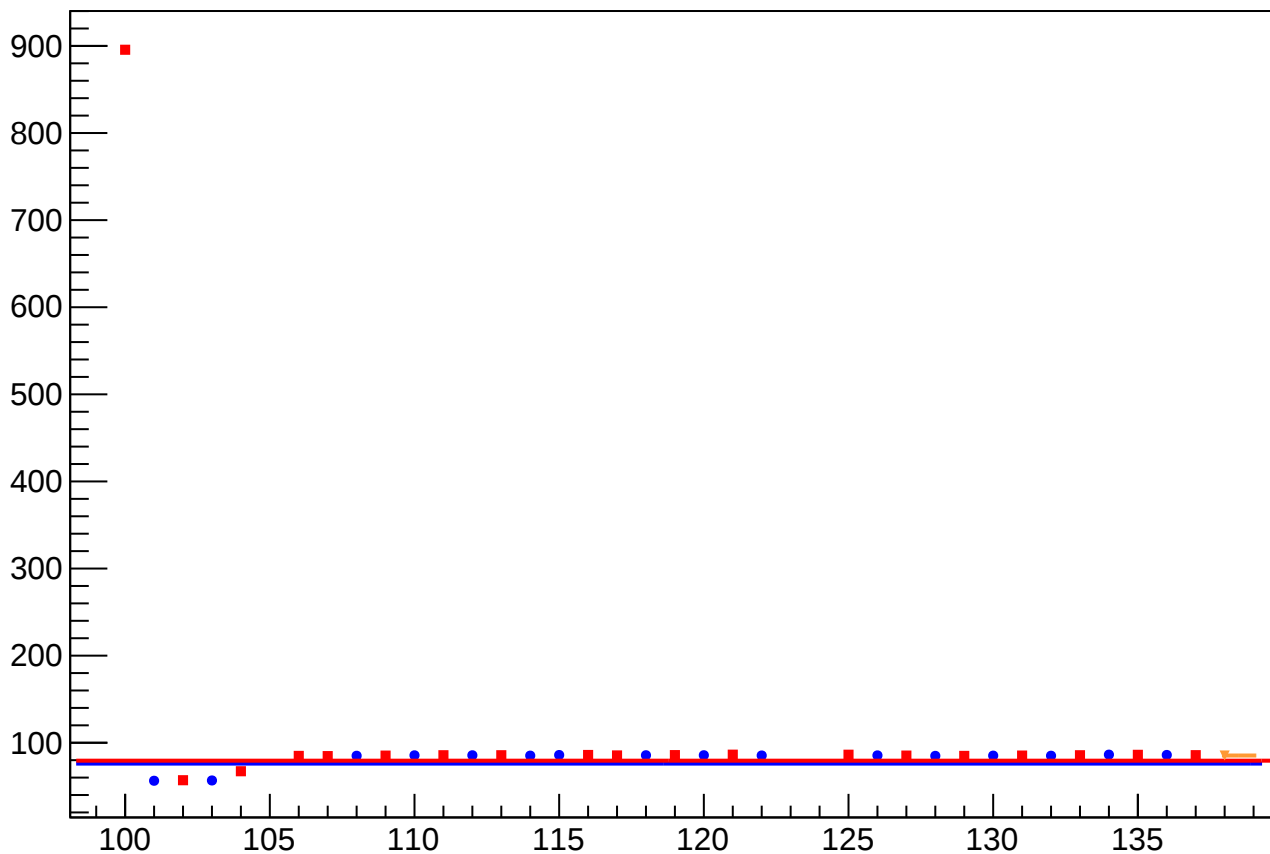
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-17.539+/-28.713 χ^2 /NDF: 15.6/16

7.205+/-20.862 χ^2 /NDF: 34.5/35

34.875+/-30.363 χ^2 /NDF: 17.3/18

reg_asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 76.079 $\pm$ 0.021 χ^2 /NDF: 409170.8/15

Left Out: 85.351 $\pm$ 0.070 χ^2 /NDF: 0.0/0

Right Out: 79.423 $\pm$ 0.021 χ^2 /NDF: 378959.4/18

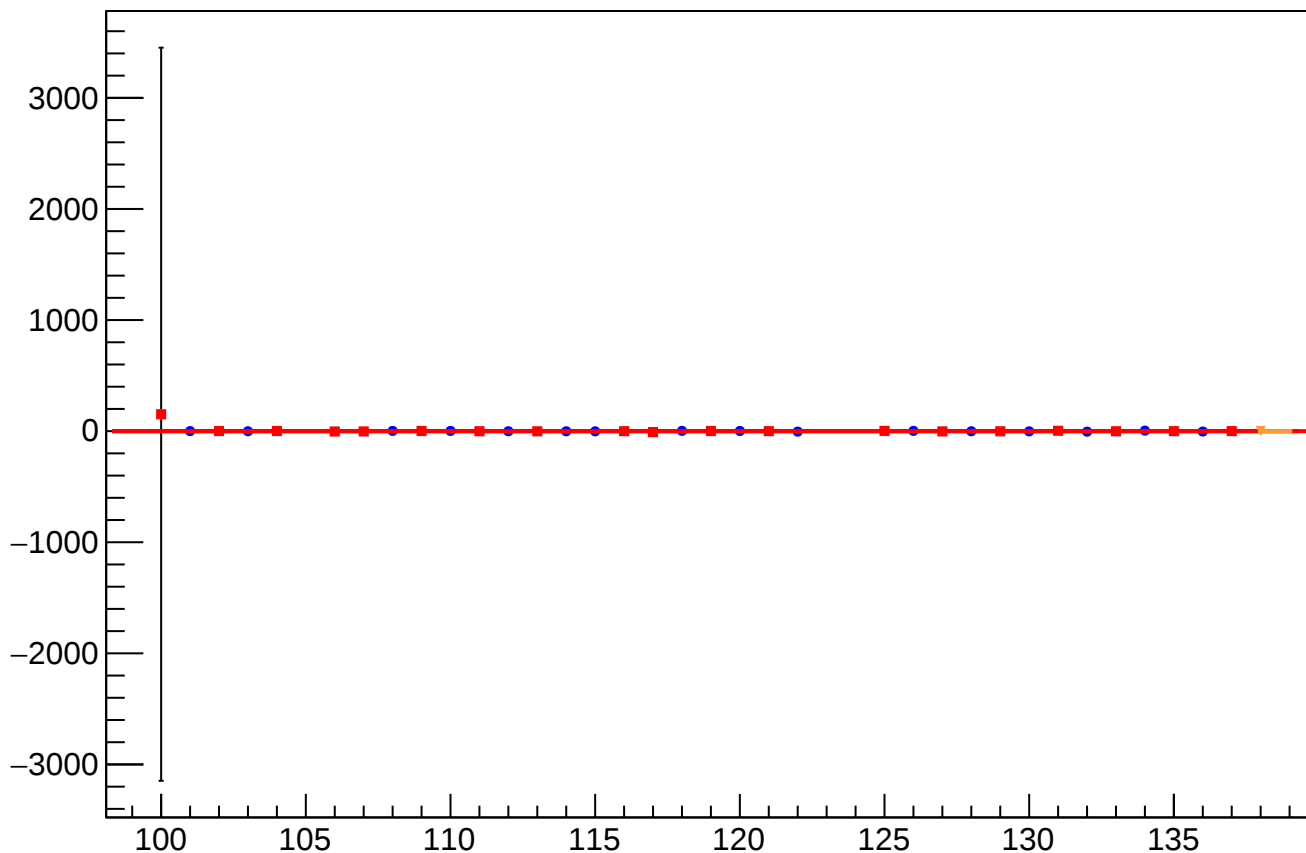
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

76.851 $\pm$ 0.020 χ^2 /NDF: 425085.0/16

78.065 $\pm$ 0.015 χ^2 /NDF: 811621.1/35

79.423 $\pm$ 0.021 χ^2 /NDF: 378959.4/18

asym_ds_avg_correction_mean vs Slug, Sign Corrected



Right In: -0.281 ± 0.501 χ^2/NDF : 21.2/15

Left Out: 0.799 ± 1.855 χ^2/NDF : 0.0/0

Right Out: 0.051 ± 0.520 χ^2/NDF : 9.8/18

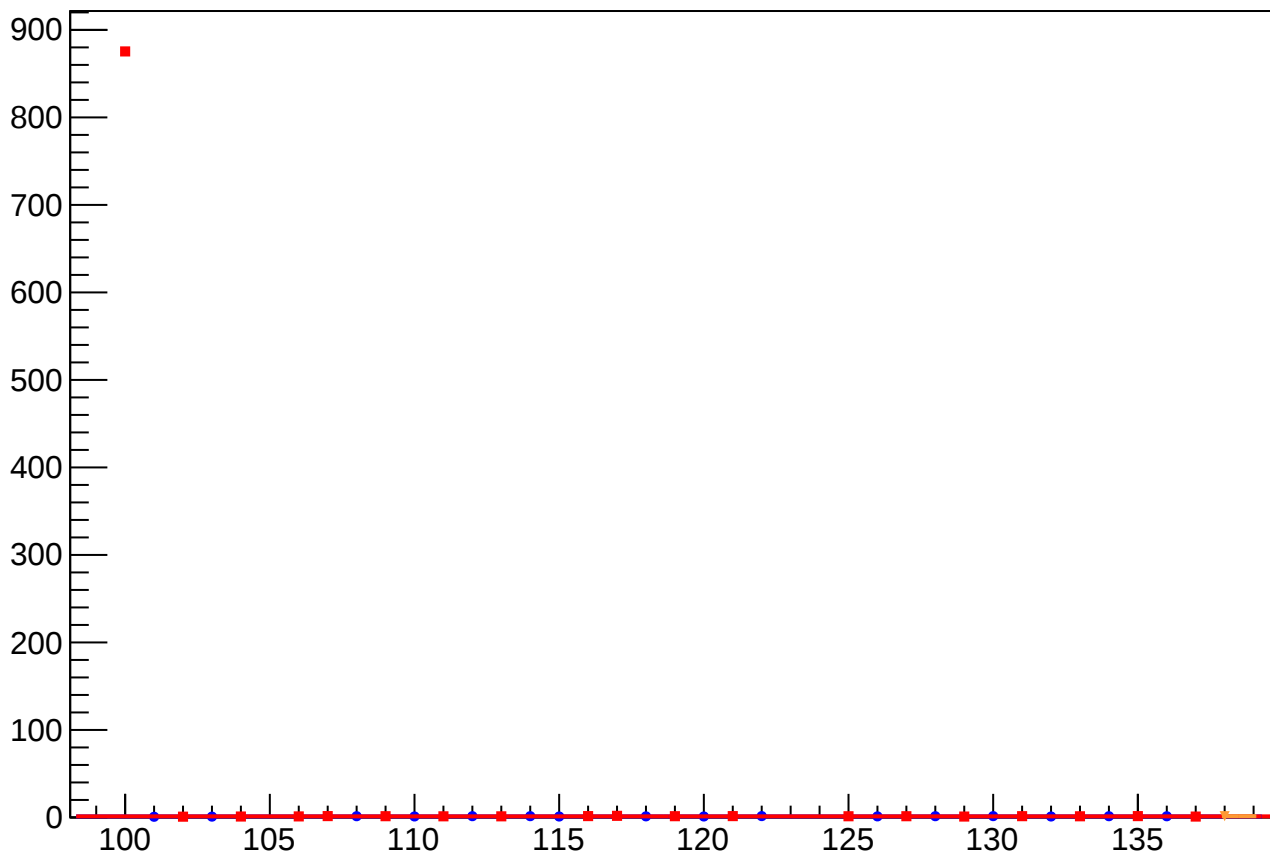
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.207 ± 0.484 χ^2/NDF : 21.5/16

-0.087 ± 0.354 χ^2/NDF : 31.4/35

0.051 ± 0.520 χ^2/NDF : 9.8/18

asym_ds_avg_correction_rms vs Slug, Sign Corrected



Right In: 1.152 $\pm$ 0.000 χ^2 /NDF: 514348.9/15

Left Out: 1.465 $\pm$ 0.001 χ^2 /NDF: 0.0/0

Right Out: 1.249 $\pm$ 0.000 χ^2 /NDF: 526097.8/18

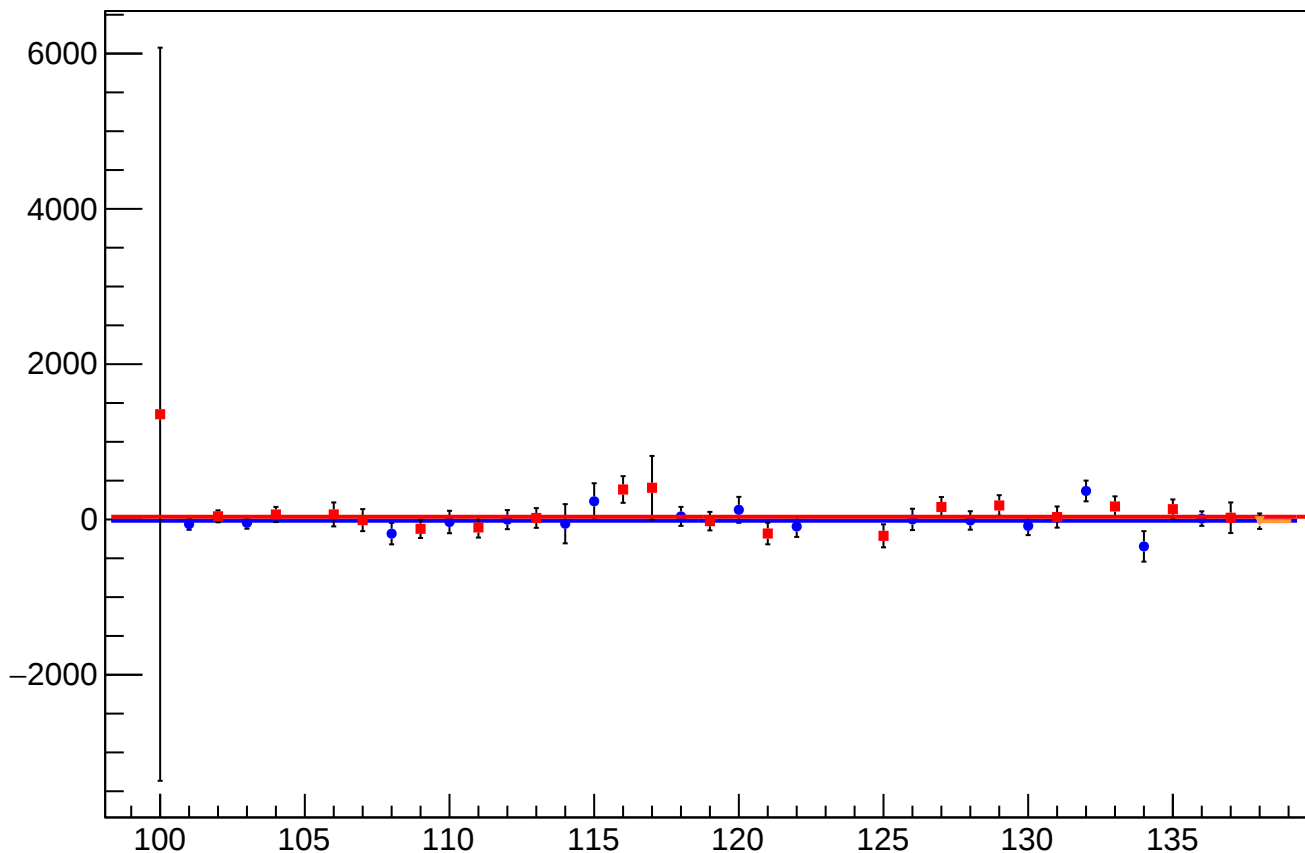
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.174 $\pm$ 0.000 χ^2 /NDF: 567131.8/16

1.209 $\pm$ 0.000 χ^2 /NDF: 1115816.6/35

1.249 $\pm$ 0.000 χ^2 /NDF: 526097.8/18

asym_ds_avg_mean vs Slug, Sign Corrected



Right In: -16.311 $\pm$ 29.996 χ^2 /NDF: 15.9/15

Left Out: -22.211 $\pm$ 99.549 χ^2 /NDF: 0.0/0

Right Out: 35.172 $\pm$ 30.371 χ^2 /NDF: 17.4/18

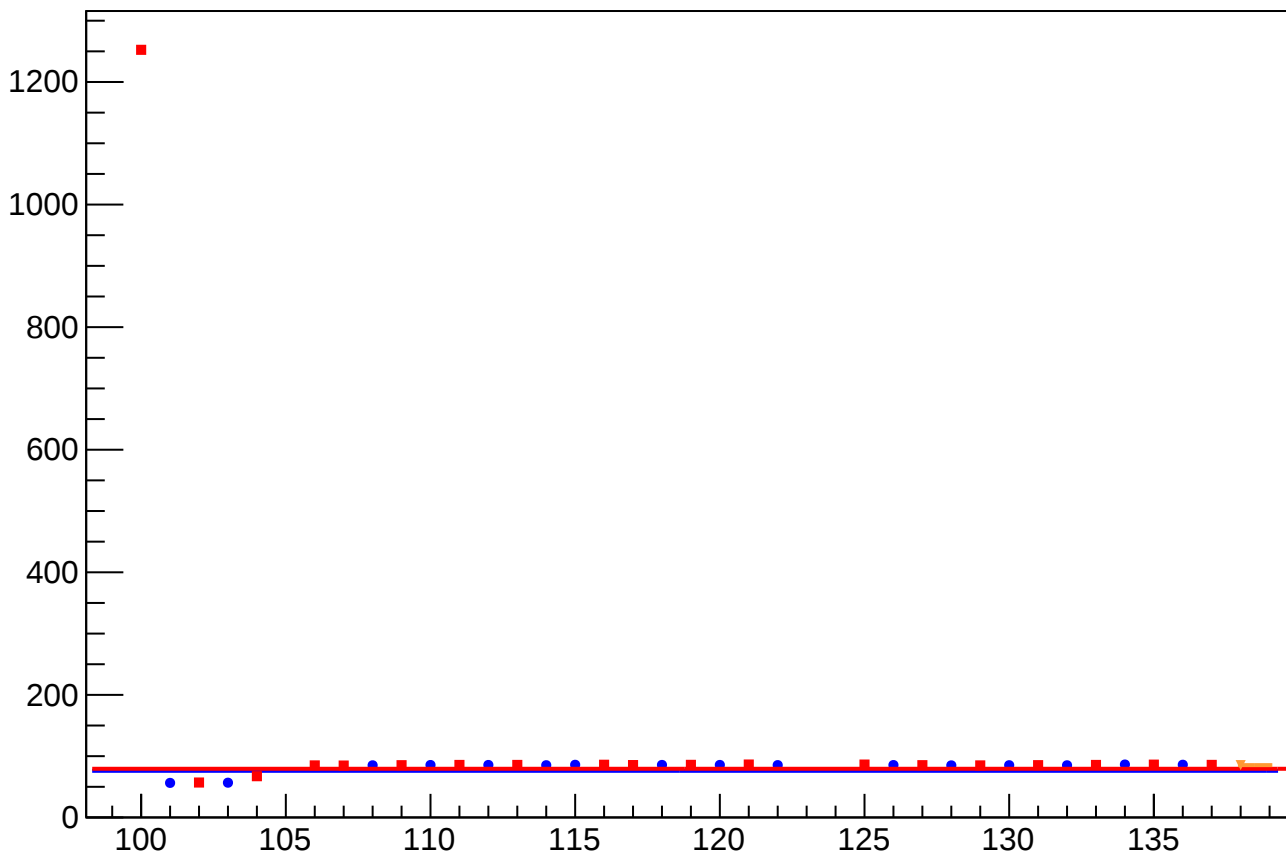
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-16.802 $\pm$ 28.720 χ^2 /NDF: 15.9/16

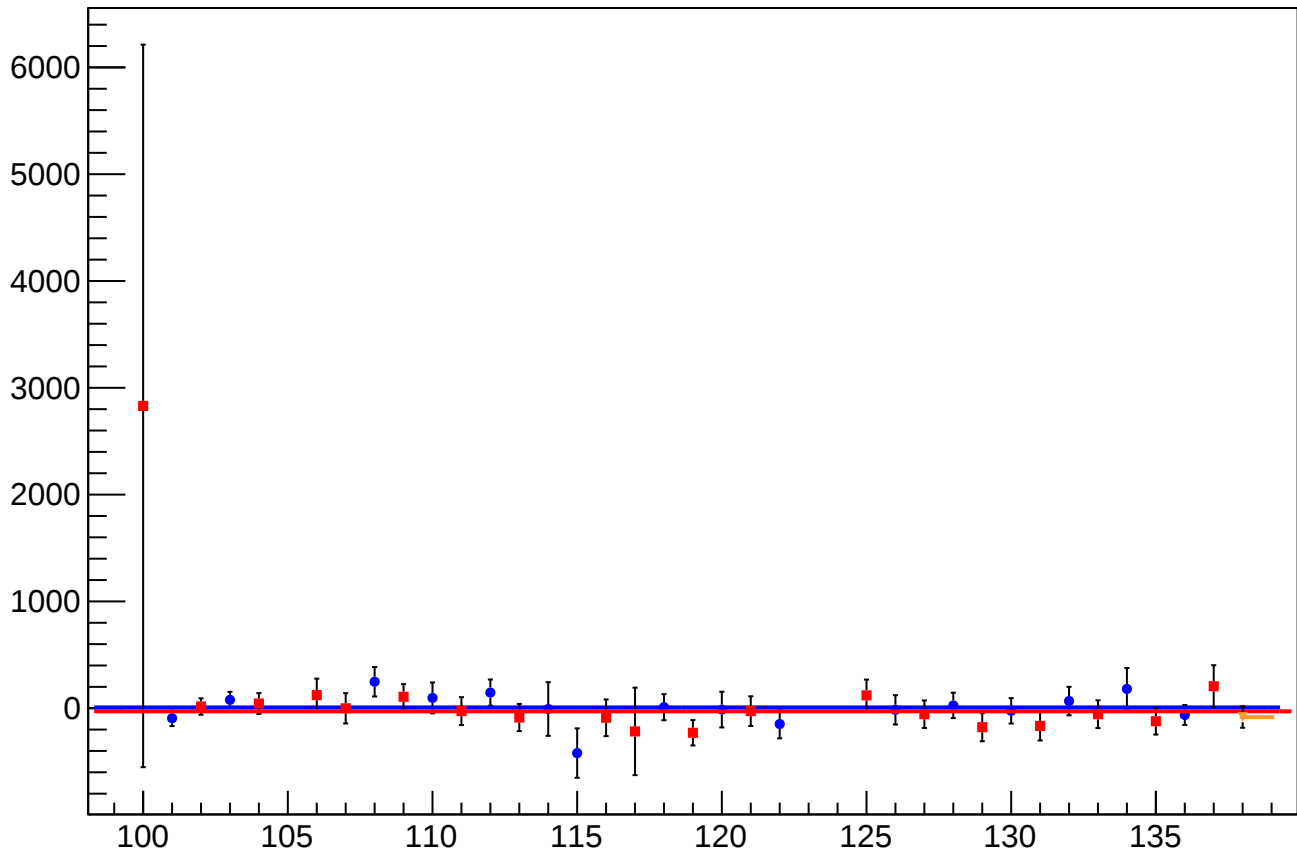
7.734 $\pm$ 20.868 χ^2 /NDF: 34.8/35

35.172 $\pm$ 30.371 χ^2 /NDF: 17.4/18

asym_ds_avg_rms vs Slug, Sign Corrected



reg_asym_ds_dd_mean vs Slug, Sign Corrected



Right In: 7.460 ± 29.969 χ^2/NDF : 13.9/15

Left Out: -83.216 ± 99.655 χ^2/NDF : 0.0/0

Right Out: -28.958 ± 30.344 χ^2/NDF : 12.7/18

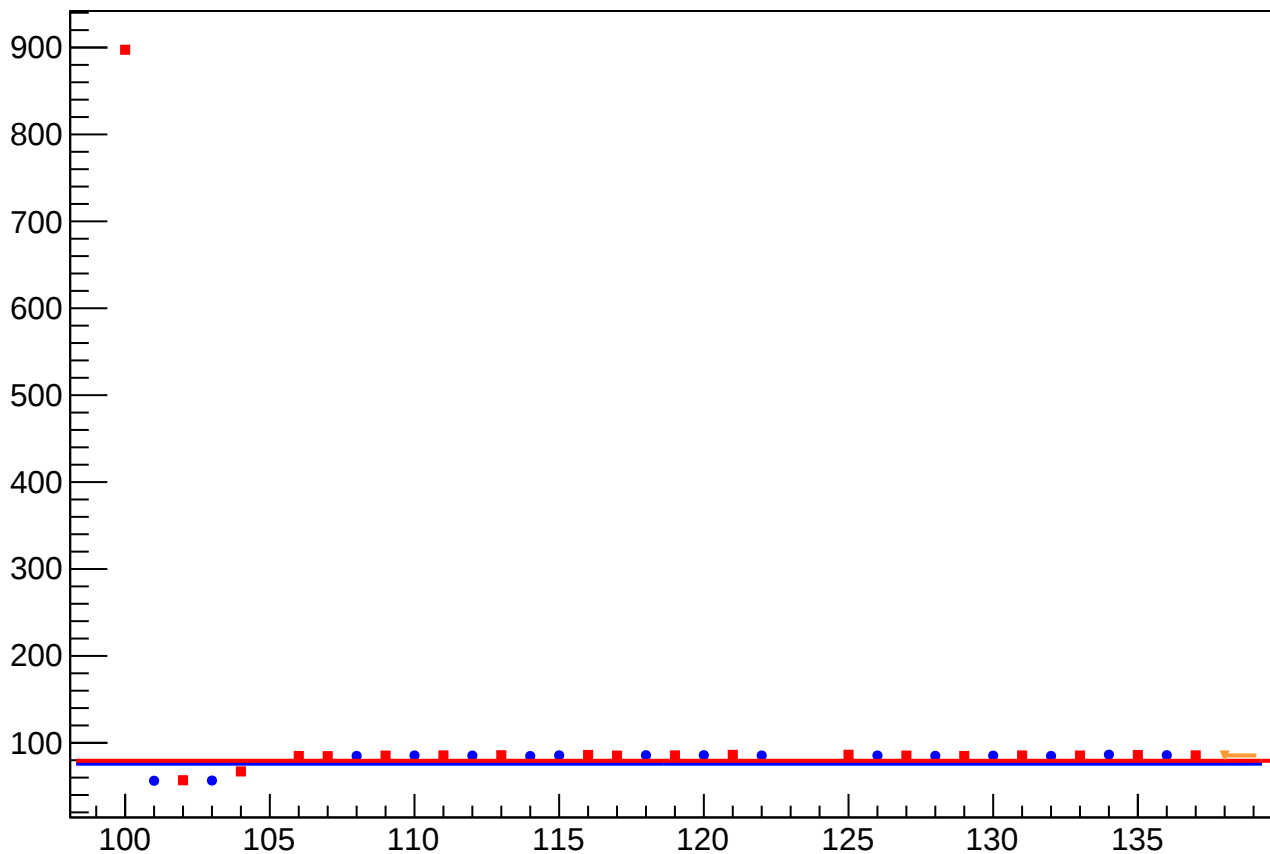
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.060 ± 28.699 χ^2/NDF : 14.7/16

-13.705 ± 20.851 χ^2/NDF : 27.9/35

-28.958 ± 30.344 χ^2/NDF : 12.7/18

reg_asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 76.032 $\pm$ 0.021 χ^2 /NDF: 408917.7/15

Left Out: 85.467 $\pm$ 0.070 χ^2 /NDF: 0.0/0

Right Out: 79.375 $\pm$ 0.021 χ^2 /NDF: 378794.5/18

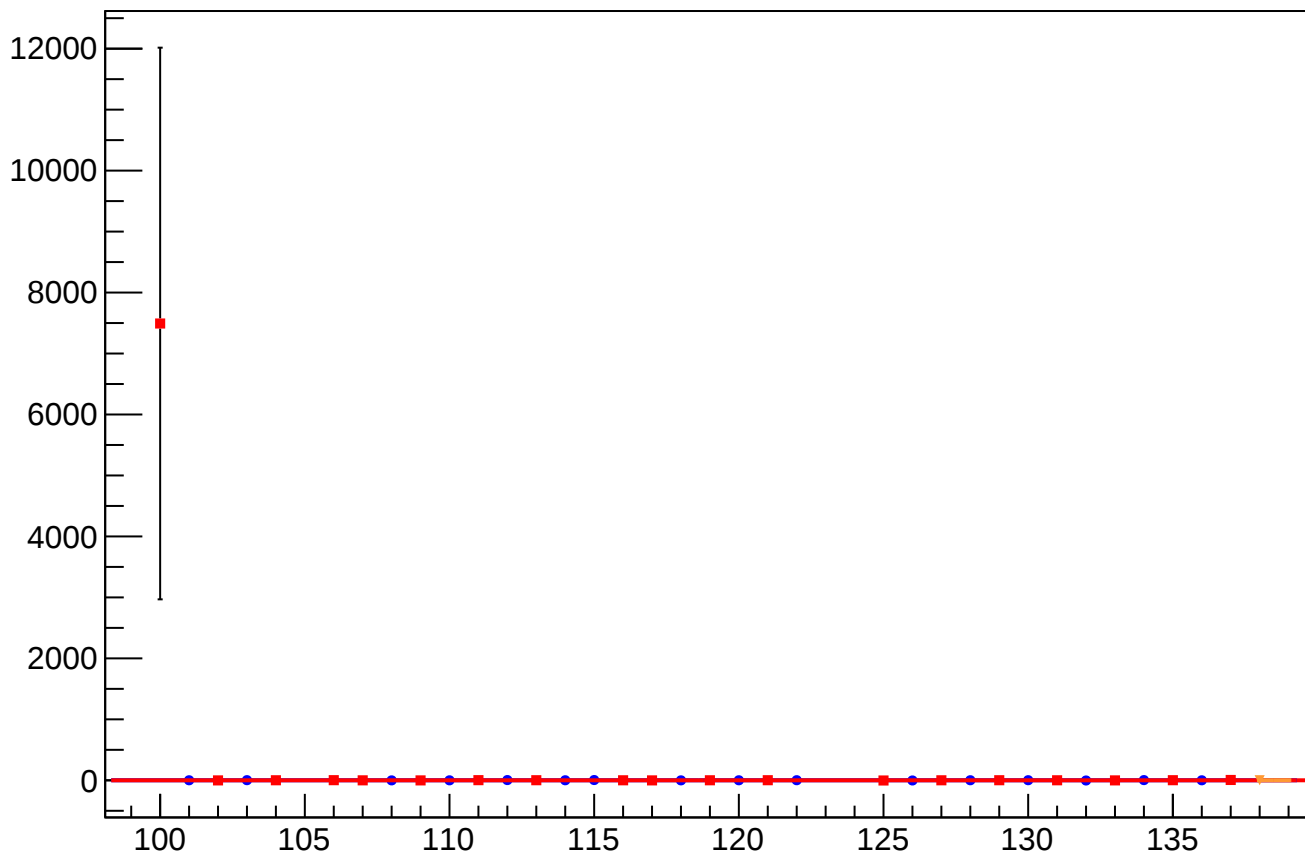
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

76.814 $\pm$ 0.020 χ^2 /NDF: 425360.6/16

78.023 $\pm$ 0.015 χ^2 /NDF: 811670.2/35

79.375 $\pm$ 0.021 χ^2 /NDF: 378794.5/18

asym_ds_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.911 $\pm$ 0.532 χ^2 /NDF: 12.0/15

Left Out: 1.290 $\pm$ 1.618 χ^2 /NDF: 0.0/0

Right Out: 0.304 $\pm$ 0.547 χ^2 /NDF: 12.6/18

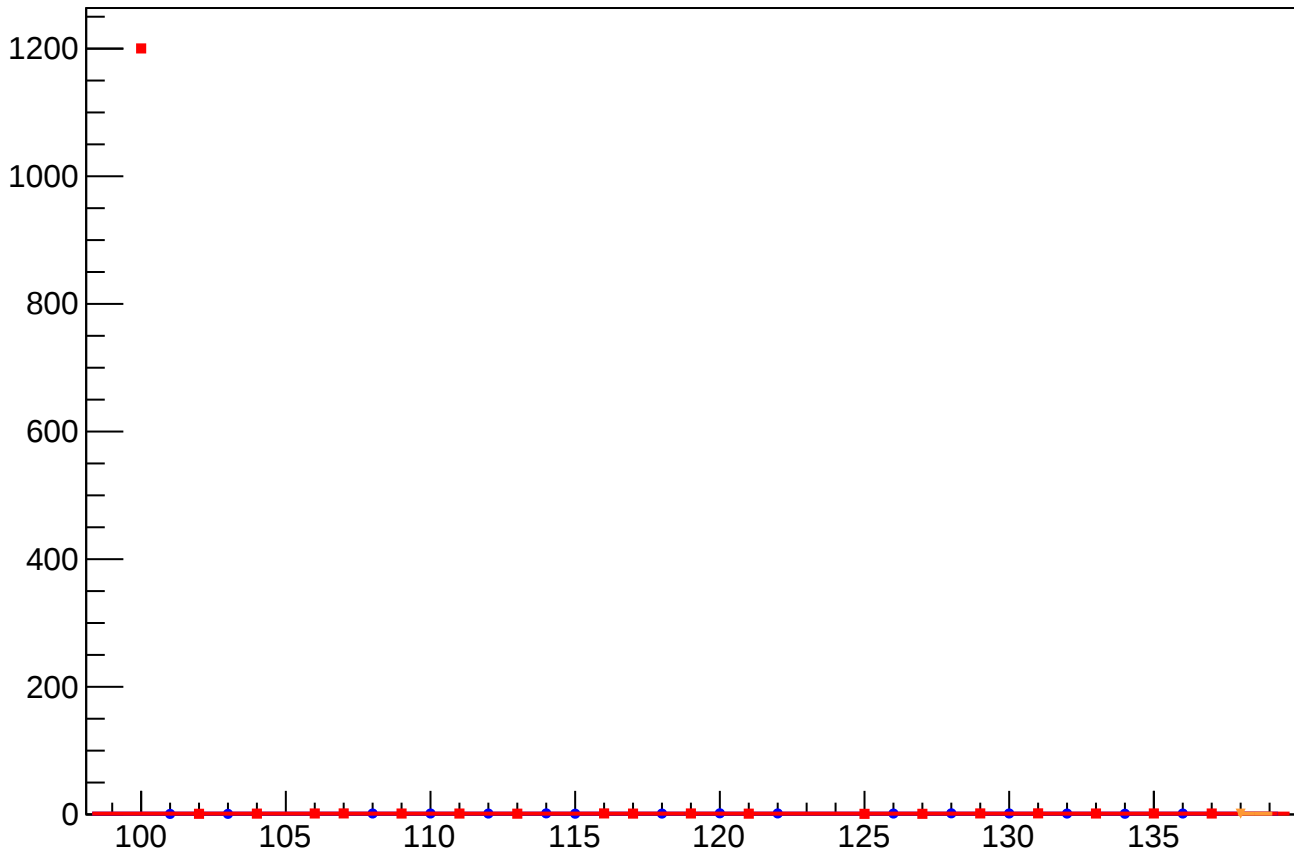
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.948 $\pm$ 0.505 χ^2 /NDF: 12.0/16

0.651 $\pm$ 0.371 χ^2 /NDF: 25.4/35

0.304 $\pm$ 0.547 χ^2 /NDF: 12.6/18

asym_ds_dd_correction_rms vs Slug, Sign Corrected



Right In: 1.238 $\pm$ 0.000 χ^2 /NDF: 657848.9/15

Left Out: 1.260 $\pm$ 0.001 χ^2 /NDF: 0.0/0

Right Out: 1.318 $\pm$ 0.000 χ^2 /NDF: 521623.7/18

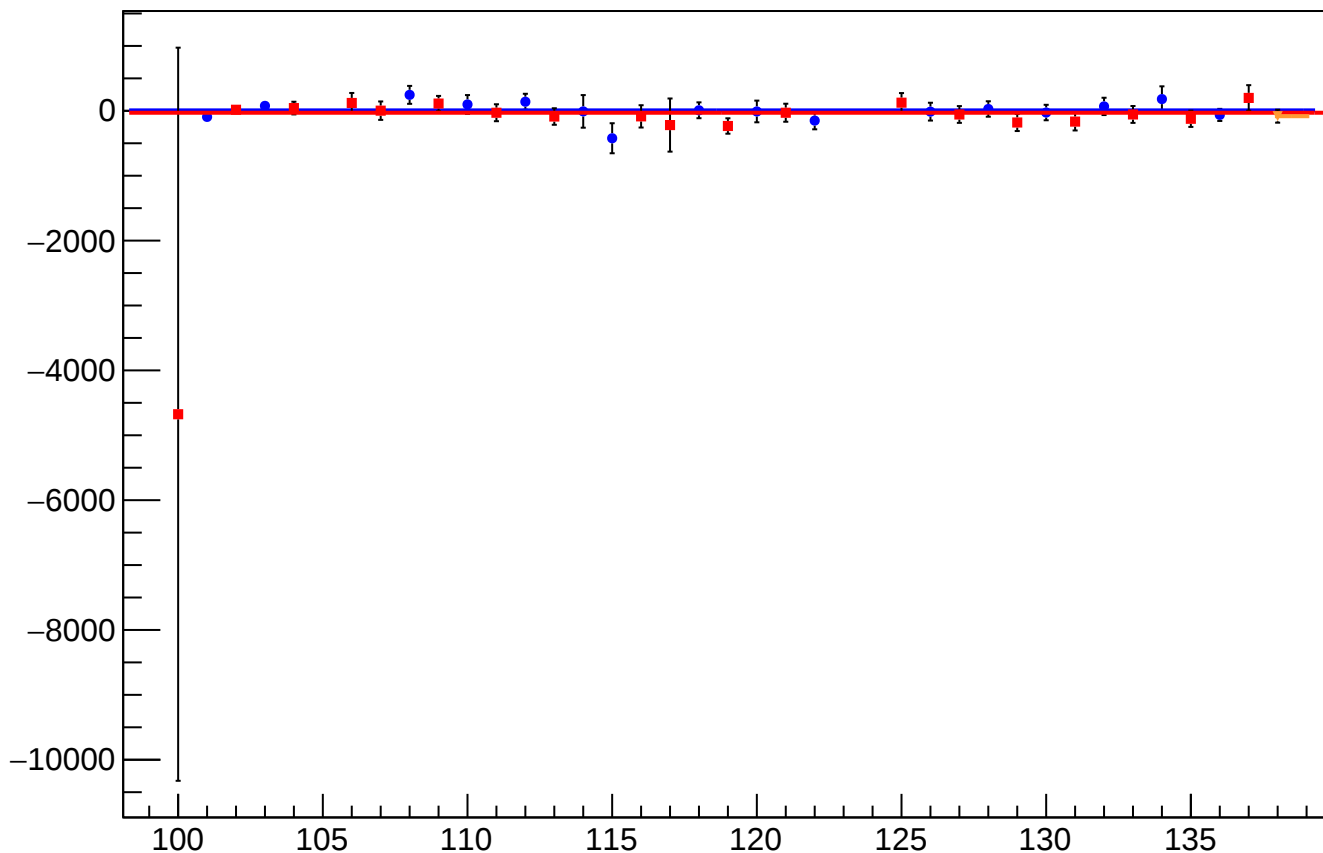
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.240 $\pm$ 0.000 χ^2 /NDF: 658176.6/16

1.276 $\pm$ 0.000 χ^2 /NDF: 1201625.9/35

1.318 $\pm$ 0.000 χ^2 /NDF: 521623.7/18

asym_ds_dd_mean vs Slug, Sign Corrected



Right In: 6.781+/-29.977 χ^2 /NDF: 13.8/15

Left Out: -83.013+/-99.680 χ^2 /NDF: 0.0/0

Right Out: -29.600+/-30.353 χ^2 /NDF: 12.9/18

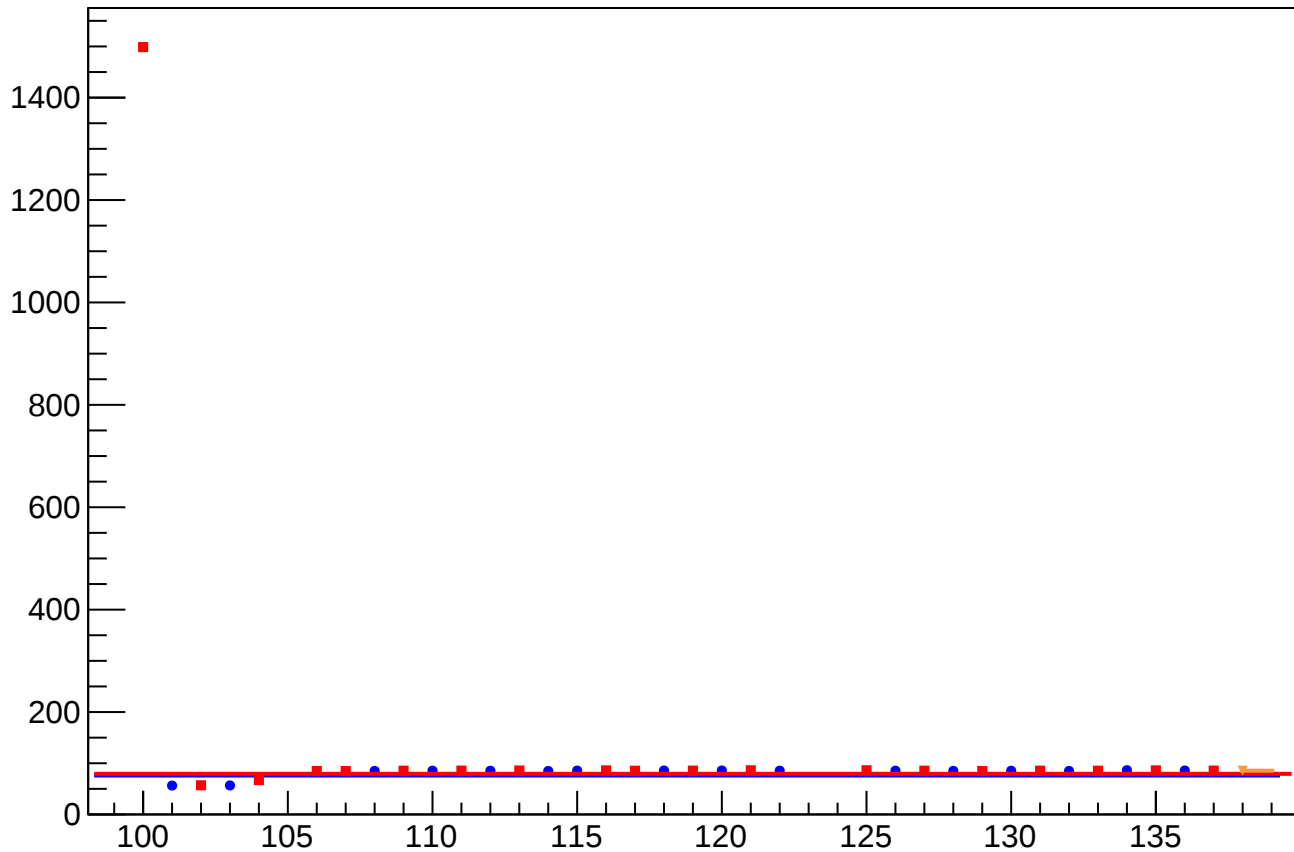
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.666+/-28.707 χ^2 /NDF: 14.6/16

-14.327+/-20.857 χ^2 /NDF: 27.9/35

-29.600+/-30.353 χ^2 /NDF: 12.9/18

asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 76.052+/-0.021 χ^2/NDF : 408962.1/15

Left Out: 85.489+/-0.070 χ^2/NDF : 0.0/0

Right Out: 79.371+/-0.021 χ^2/NDF : 388057.0/18

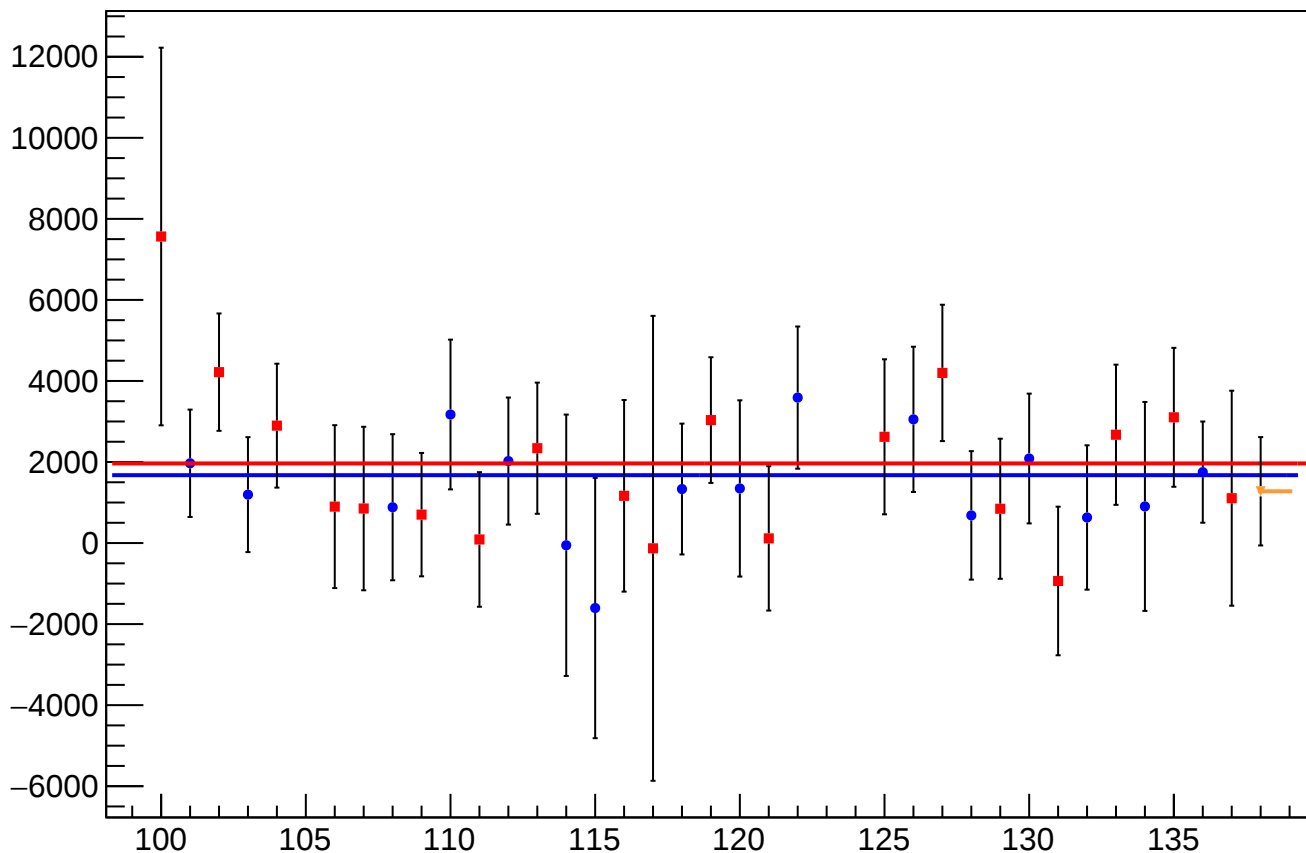
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

76.835+/-0.020 χ^2/NDF : 425399.3/16

78.033+/-0.015 χ^2/NDF : 820827.8/35

79.371+/-0.021 χ^2/NDF : 388057.0/18

reg_asym_usl_mean vs Slug, Sign Corrected



Right In: 1674.993 $\pm$ 430.597 χ^2 /NDF: 5.1/15

Left Out: 1277.406 $\pm$ 1336.895 χ^2 /NDF: 0.0/0

Right Out: 1964.936 $\pm$ 421.265 χ^2 /NDF: 14.2/18

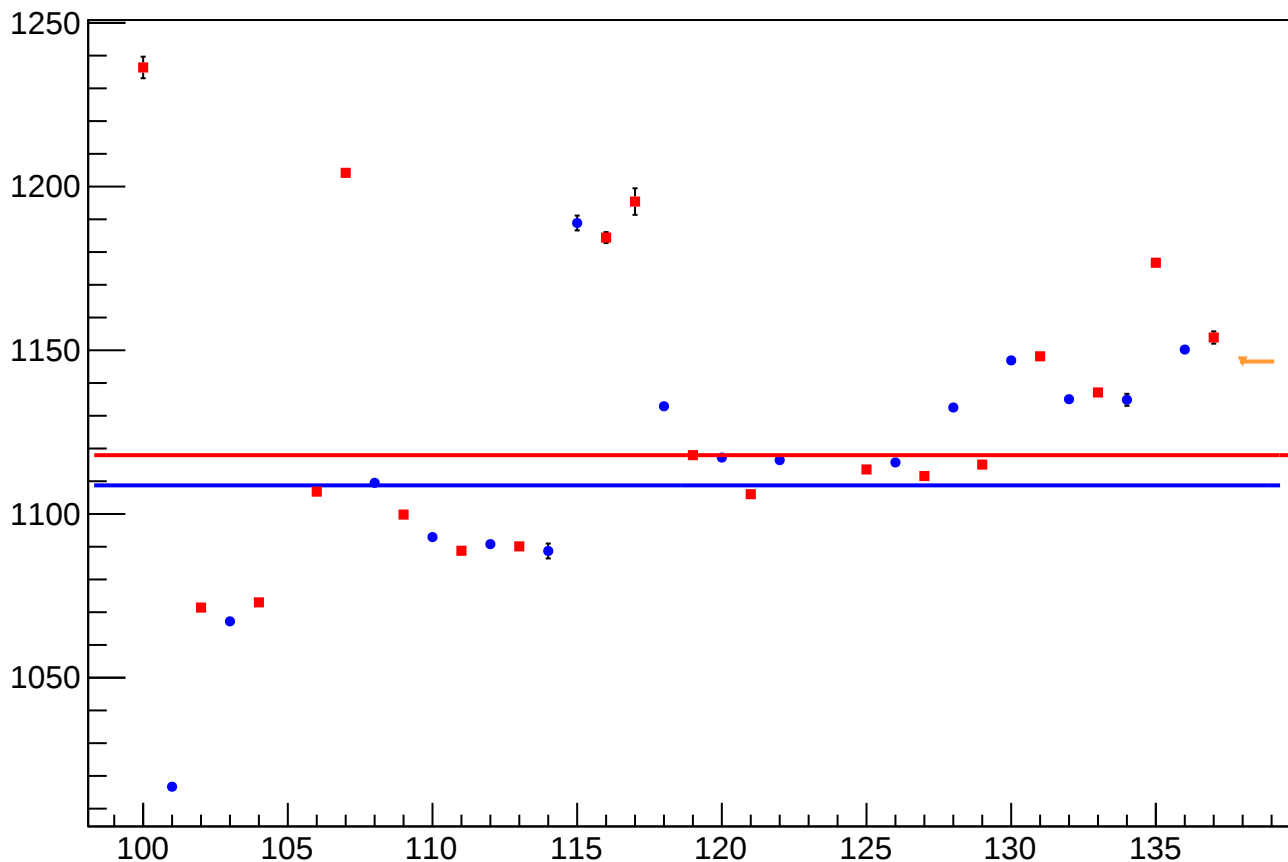
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1637.624 $\pm$ 409.862 χ^2 /NDF: 5.2/16

1796.791 $\pm$ 293.765 χ^2 /NDF: 19.7/35

1964.936 $\pm$ 421.265 χ^2 /NDF: 14.2/18

reg_asym_usl_rms vs Slug, Sign Corrected



Right In: 1108.739+/-0.304 χ^2/NDF : 18080.7/15

Left Out: 1146.568+/-0.945 χ^2/NDF : 0.0/0

Right Out: 1117.959+/-0.298 χ^2/NDF : 15881.8/18

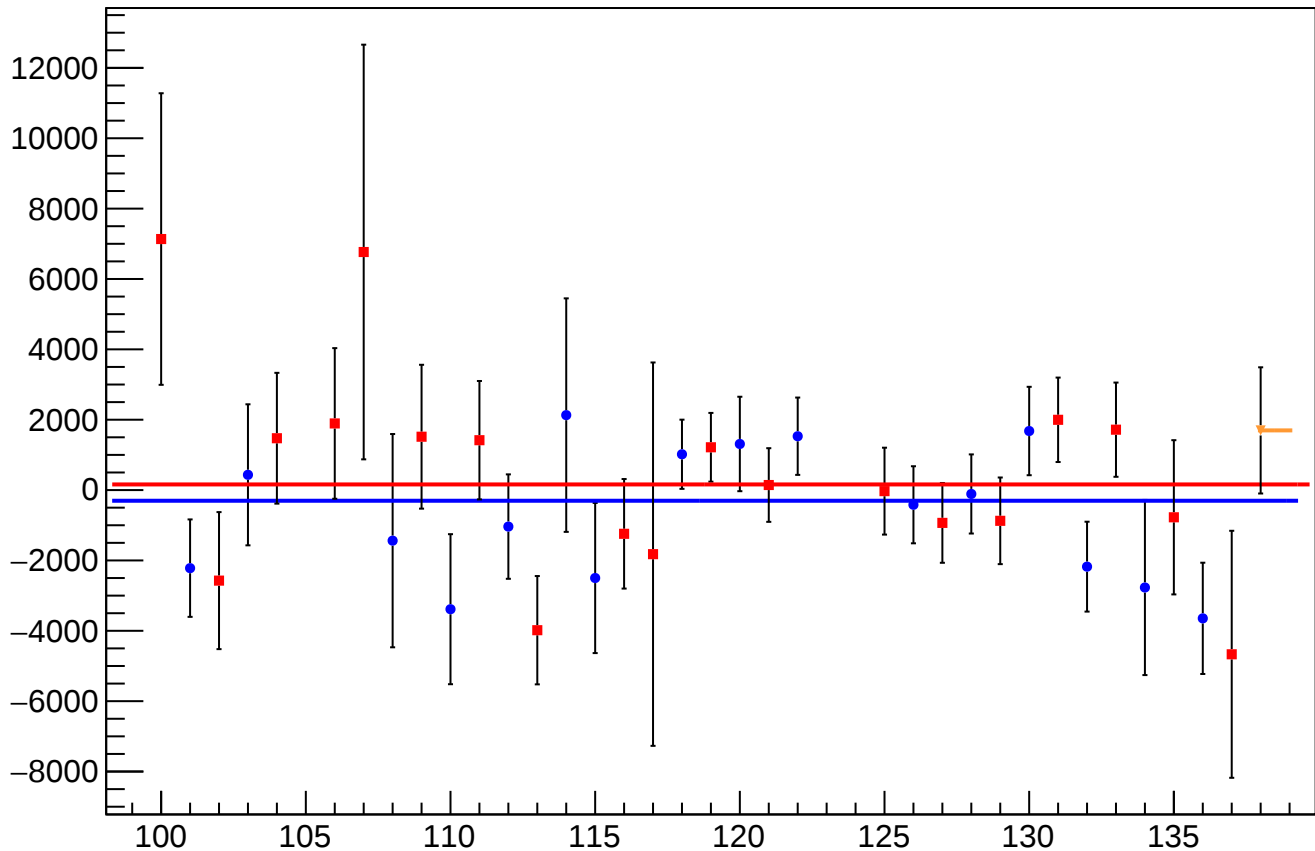
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1112.295+/-0.290 χ^2/NDF : 19531.5/16

1115.049+/-0.208 χ^2/NDF : 35599.1/35

1117.959+/-0.298 χ^2/NDF : 15881.8/18

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -303.335+/-360.068 χ^2/NDF : 22.3/15

Left Out: 1696.324+/-1793.441 χ^2/NDF : 0.0/0

Right Out: 160.376+/-355.478 χ^2/NDF : 25.0/18

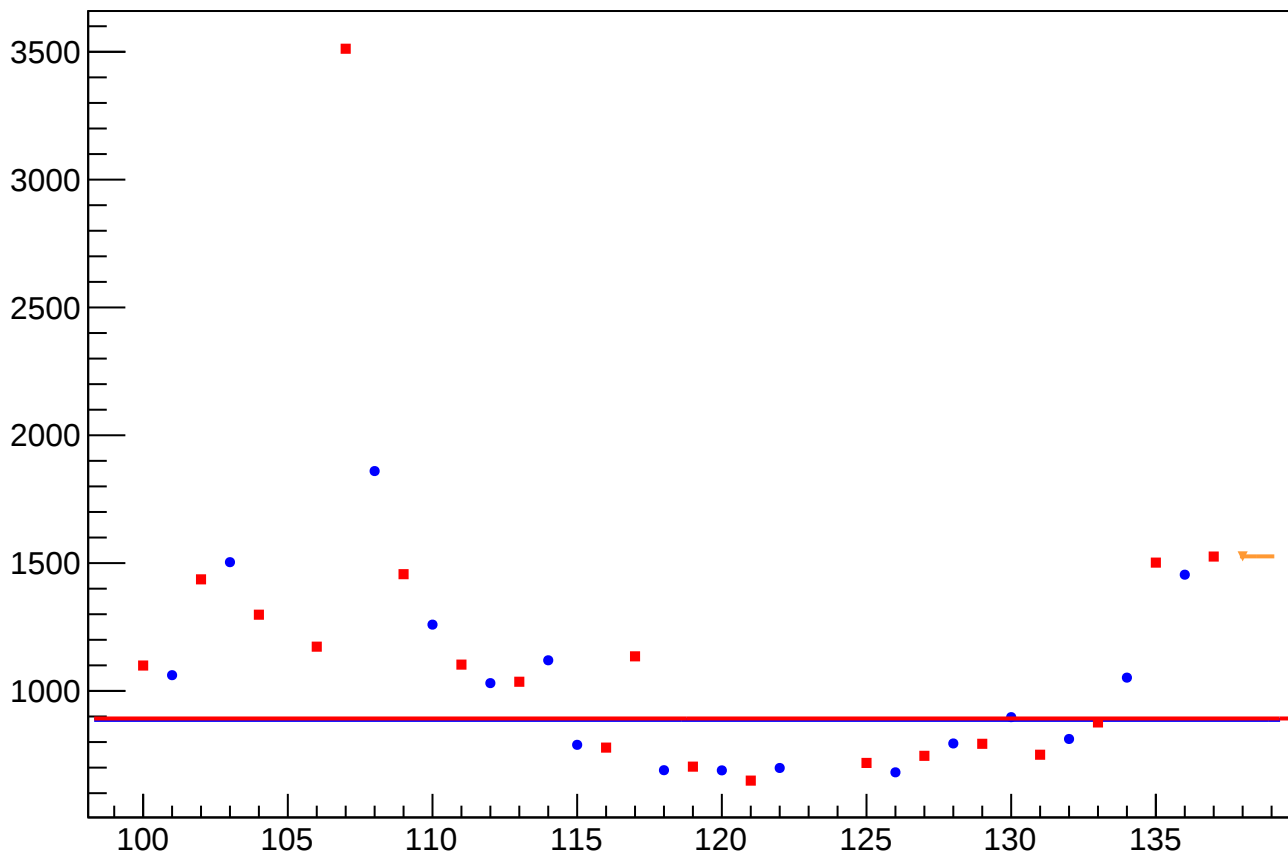
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-225.855+/-353.024 χ^2/NDF : 23.5/16

-34.077+/-250.489 χ^2/NDF : 49.1/35

160.376+/-355.478 χ^2/NDF : 25.0/18

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 886.691+/-0.255 χ^2/NDF : 1060864.2/15

Left Out: 1526.320+/-1.268 χ^2/NDF : 0.0/0

Right Out: 892.236+/-0.251 χ^2/NDF : 1418185.6/18

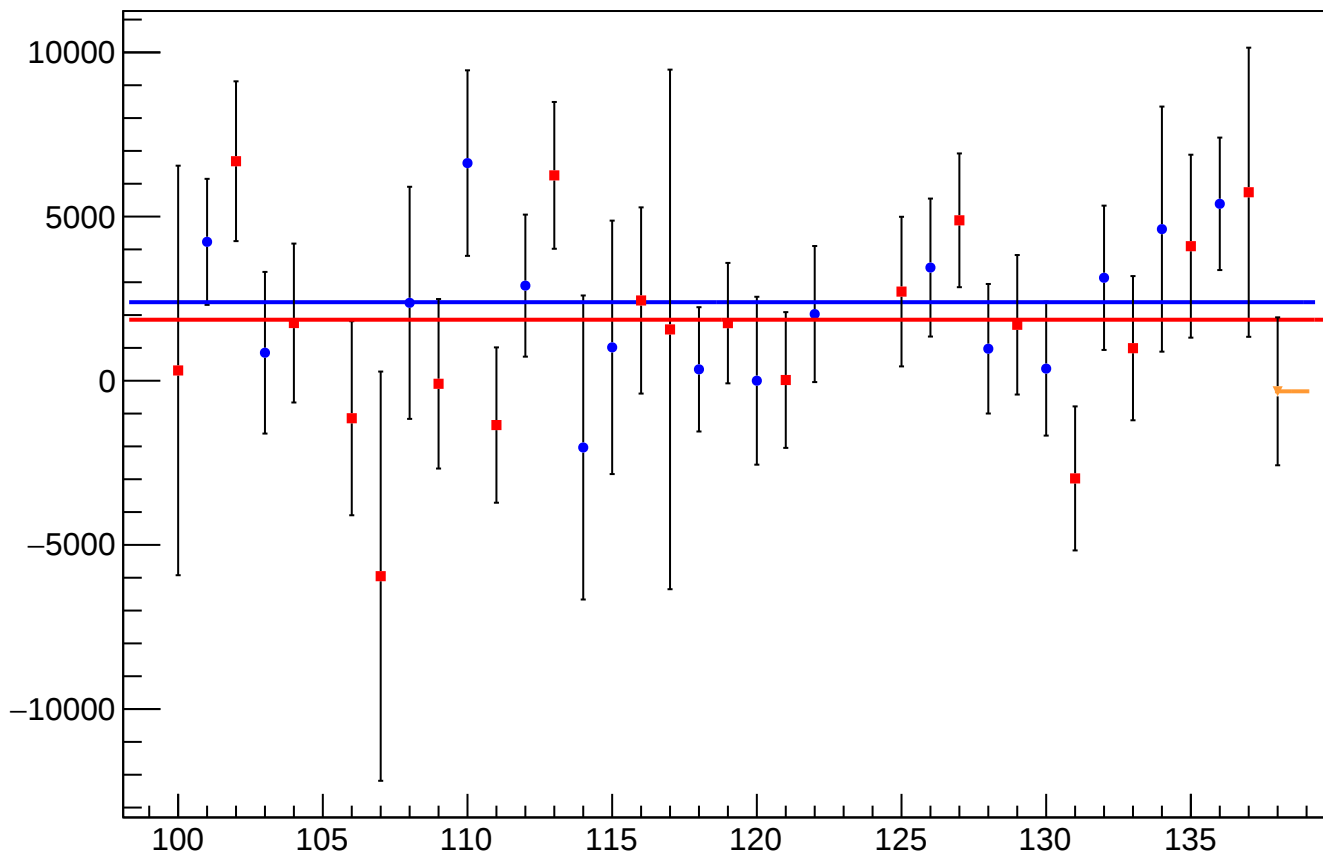
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

911.474+/-0.250 χ^2/NDF : 1305404.3/16

901.922+/-0.177 χ^2/NDF : 2726539.2/35

892.236+/-0.251 χ^2/NDF : 1418185.6/18

asym_usl_mean vs Slug, Sign Corrected



Right In: 2392.385 $\pm$ 588.991 χ^2 /NDF: 11.2/15

Left Out: -322.274 $\pm$ 2252.714 χ^2 /NDF: 0.0/0

Right Out: 1858.263 $\pm$ 581.542 χ^2 /NDF: 22.5/18

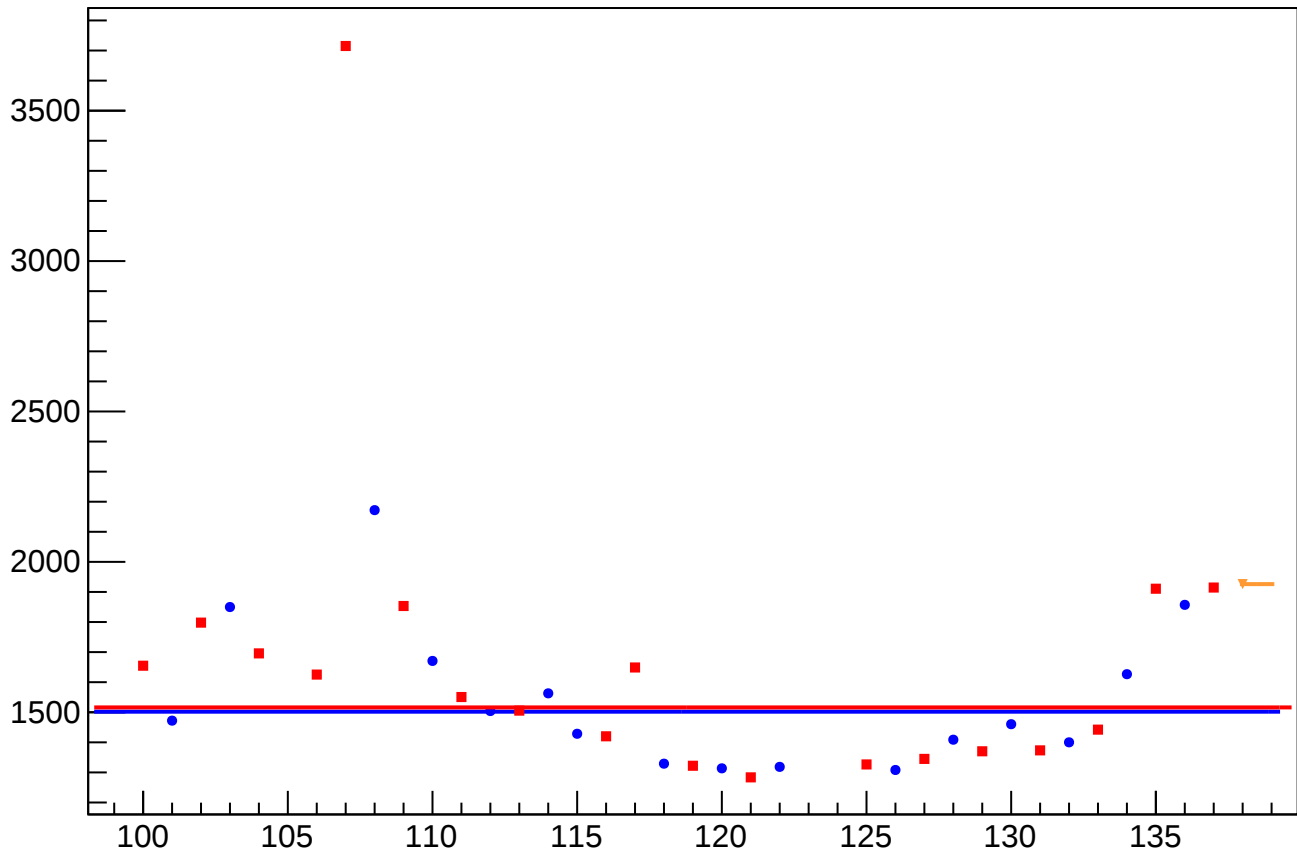
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2218.684 $\pm$ 569.836 χ^2 /NDF: 12.5/16

2042.137 $\pm$ 407.010 χ^2 /NDF: 35.2/35

1858.263 $\pm$ 581.542 χ^2 /NDF: 22.5/18

asym_usl_rms vs Slug, Sign Corrected



Right In: 1501.937 $\pm$ 0.416 χ^2 /NDF: 254549.7/15

Left Out: 1926.067 $\pm$ 1.593 χ^2 /NDF: 0.0/0

Right Out: 1516.127 $\pm$ 0.411 χ^2 /NDF: 480325.9/18

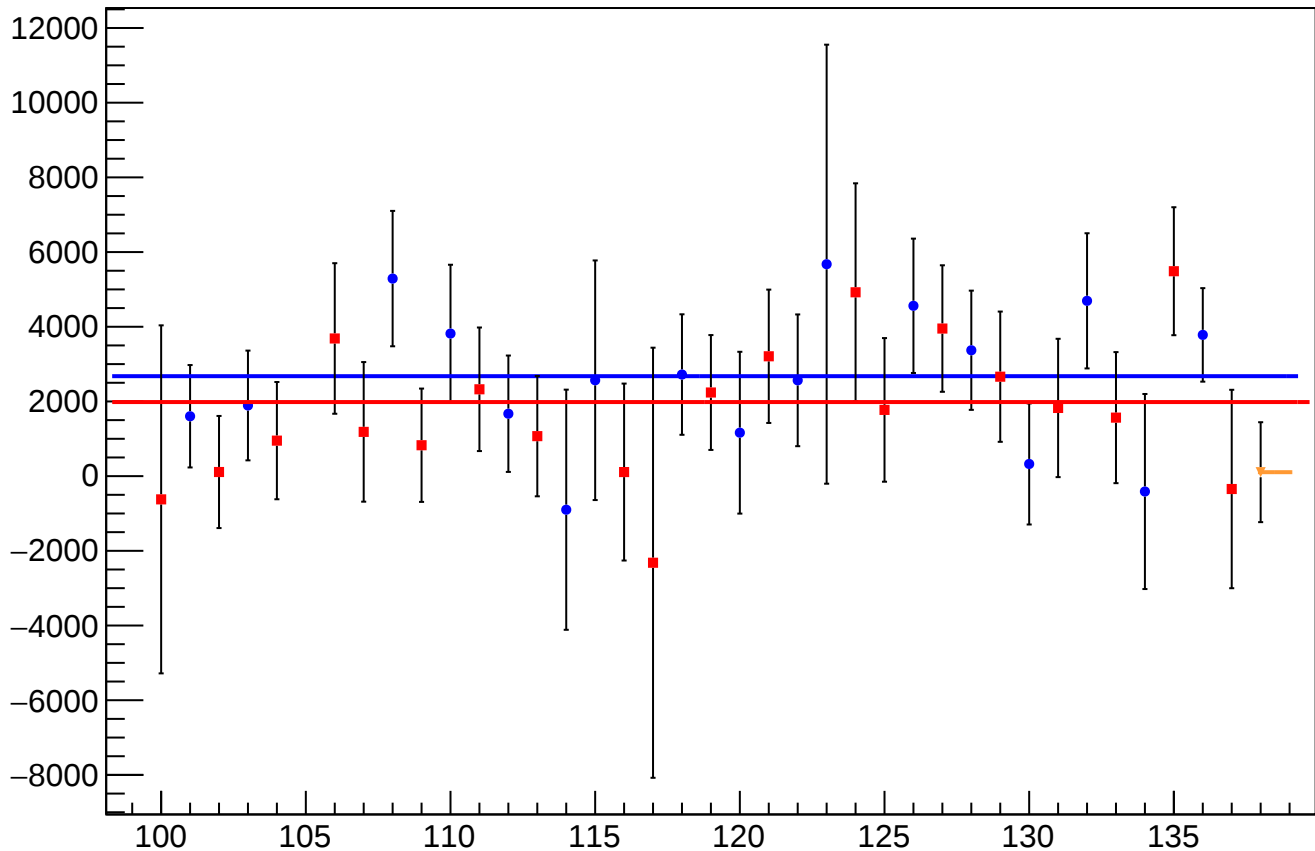
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1529.075 $\pm$ 0.403 χ^2 /NDF: 320908.5/16

1522.733 $\pm$ 0.288 χ^2 /NDF: 801740.2/35

1516.127 $\pm$ 0.411 χ^2 /NDF: 480325.9/18

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 2676.683+/-433.582 χ^2/NDF : 12.6/16

Left Out: 105.979+/-1337.762 χ^2/NDF : 0.0/0

Right Out: 1983.779+/-418.059 χ^2/NDF : 13.4/19

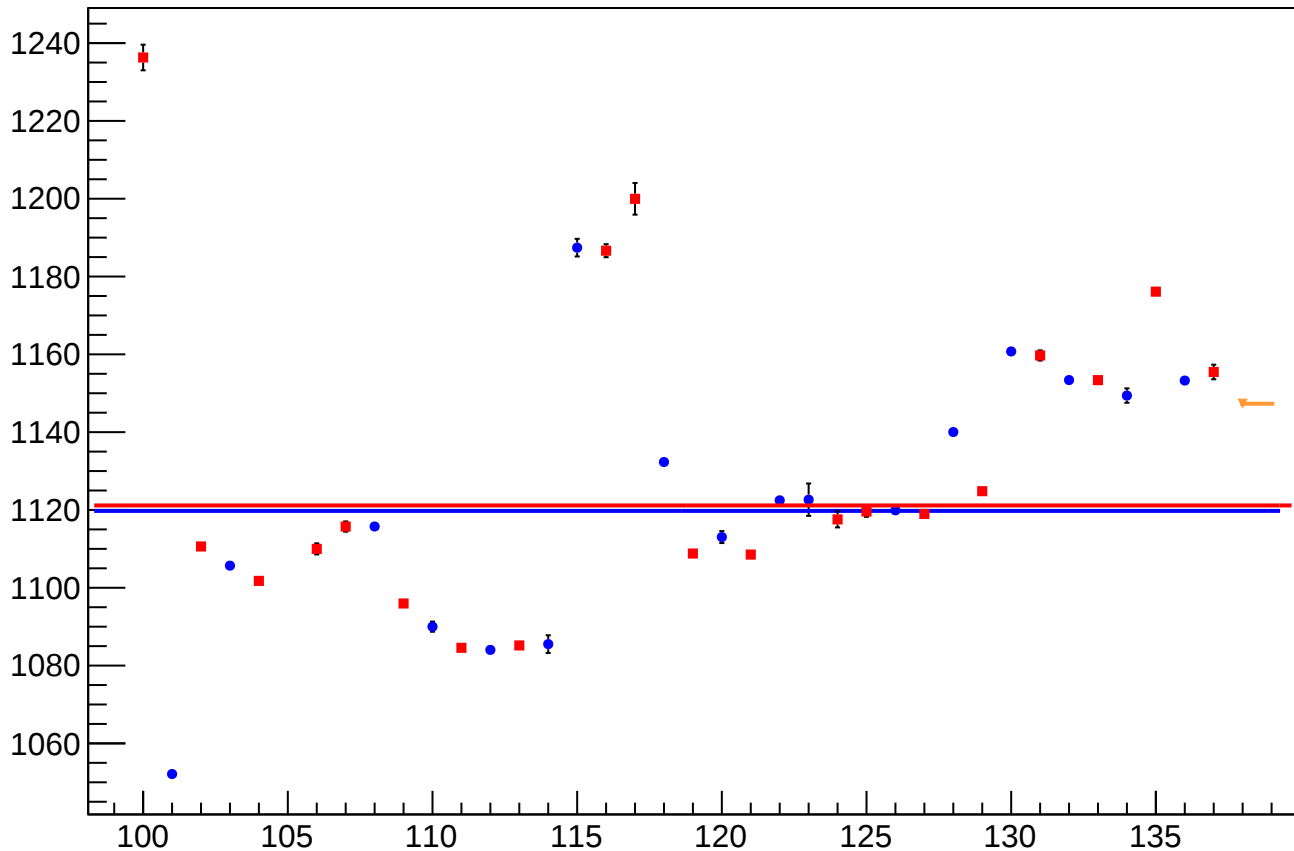
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2432.309+/-412.459 χ^2/NDF : 15.9/17

2211.068+/-293.612 χ^2/NDF : 29.9/37

1983.779+/-418.059 χ^2/NDF : 13.4/19

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1119.762+/-0.307 χ^2/NDF : 11876.8/16

Left Out: 1147.309+/-0.946 χ^2/NDF : 0.0/0

Right Out: 1121.164+/-0.296 χ^2/NDF : 10310.8/19

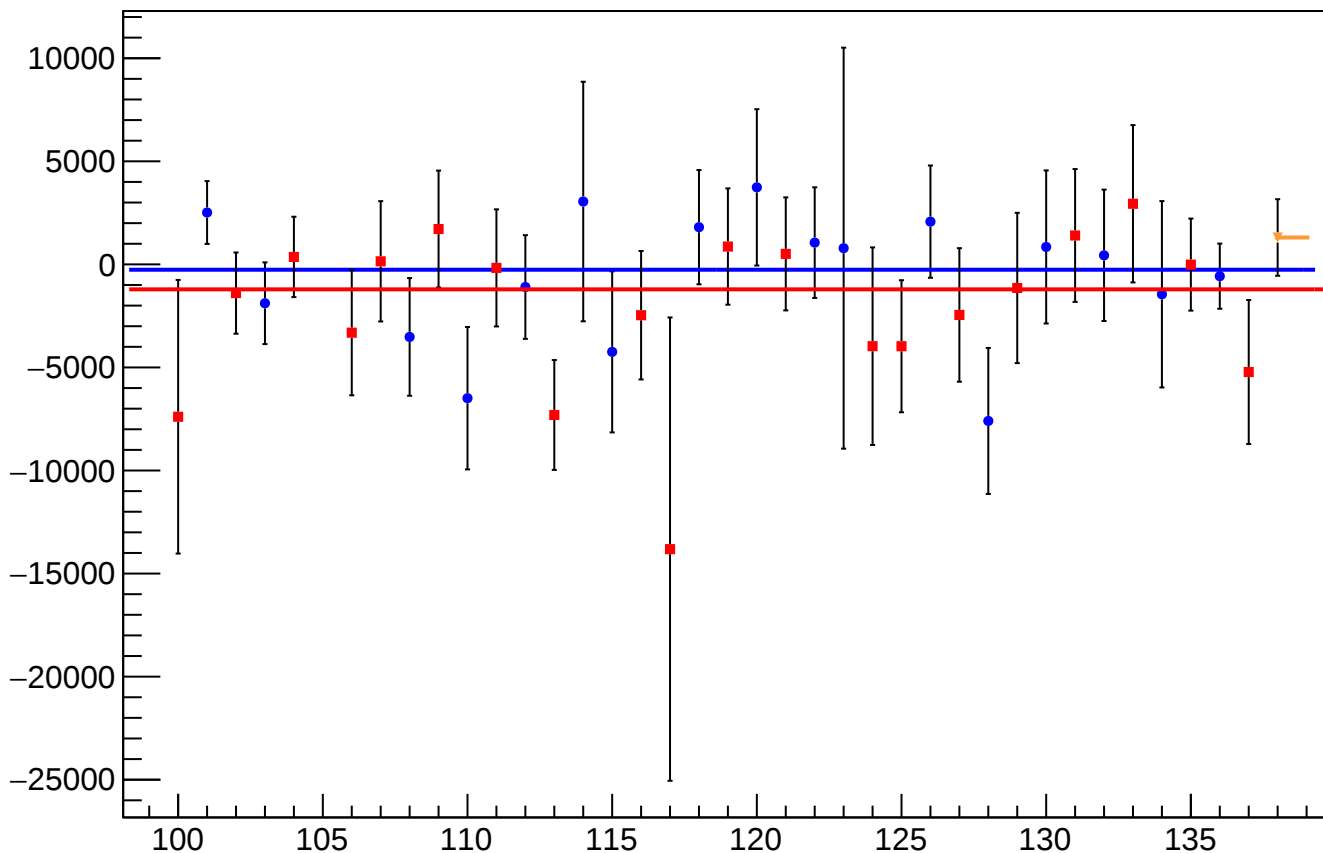
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1122.381+/-0.292 χ^2/NDF : 12644.2/17

1121.780+/-0.208 χ^2/NDF : 22963.6/37

1121.164+/-0.296 χ^2/NDF : 10310.8/19

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -259.821 ± 655.275 $\chi^2/\text{NDF}: 17.2/16$

Left Out: 1304.158 ± 1857.393 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1211.378 ± 661.281 $\chi^2/\text{NDF}: 15.7/19$

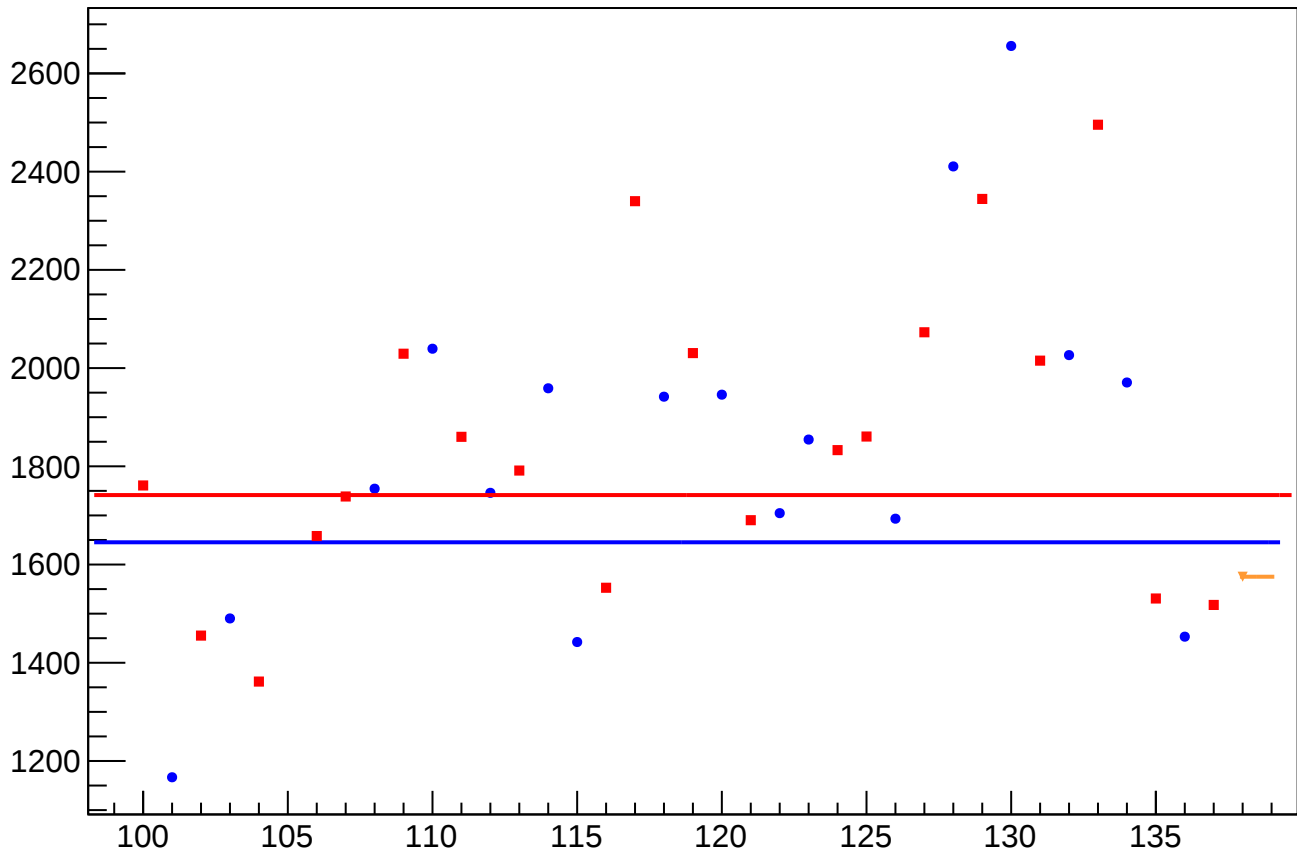
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-86.709 ± 617.947 $\chi^2/\text{NDF}: 17.8/17$

-610.990 ± 451.497 $\chi^2/\text{NDF}: 35.1/37$

-1211.378 ± 661.281 $\chi^2/\text{NDF}: 15.7/19$

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1645.307+/-0.463 χ^2/NDF : 600915.2/16

Left Out: 1575.201+/-1.313 χ^2/NDF : 0.0/0

Right Out: 1741.460+/-0.468 χ^2/NDF : 376702.2/19

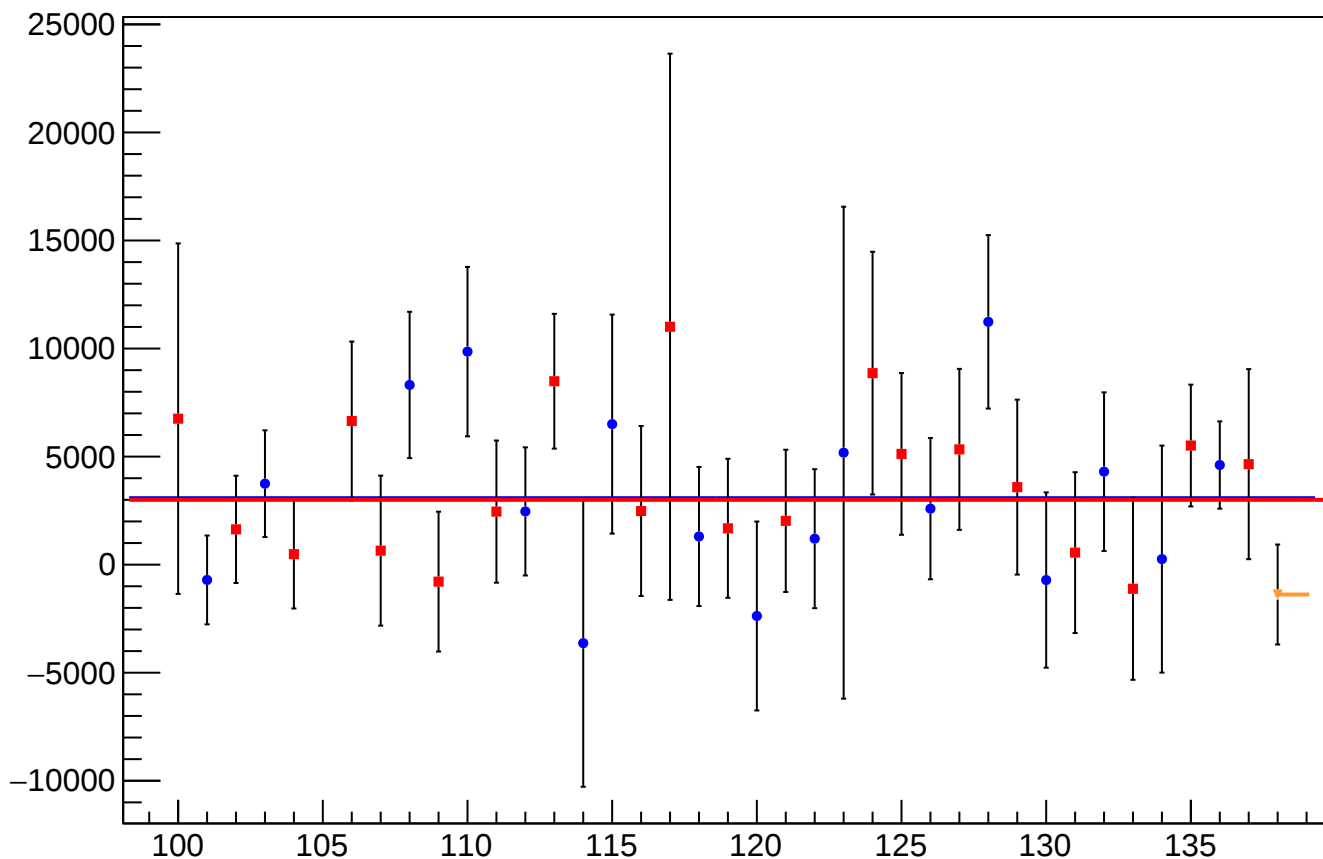
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1637.547+/-0.437 χ^2/NDF : 603449.1/17

1685.988+/-0.319 χ^2/NDF : 1006515.3/37

1741.460+/-0.468 χ^2/NDF : 376702.2/19

asym_usr_mean vs Slug, Sign Corrected



Right In: 3075.401 $\pm$ 802.249 χ^2 /NDF: 18.6/16

Left Out: -1381.563 $\pm$ 2313.008 χ^2 /NDF: 0.0/0

Right Out: 2999.277 $\pm$ 794.066 χ^2 /NDF: 12.3/19

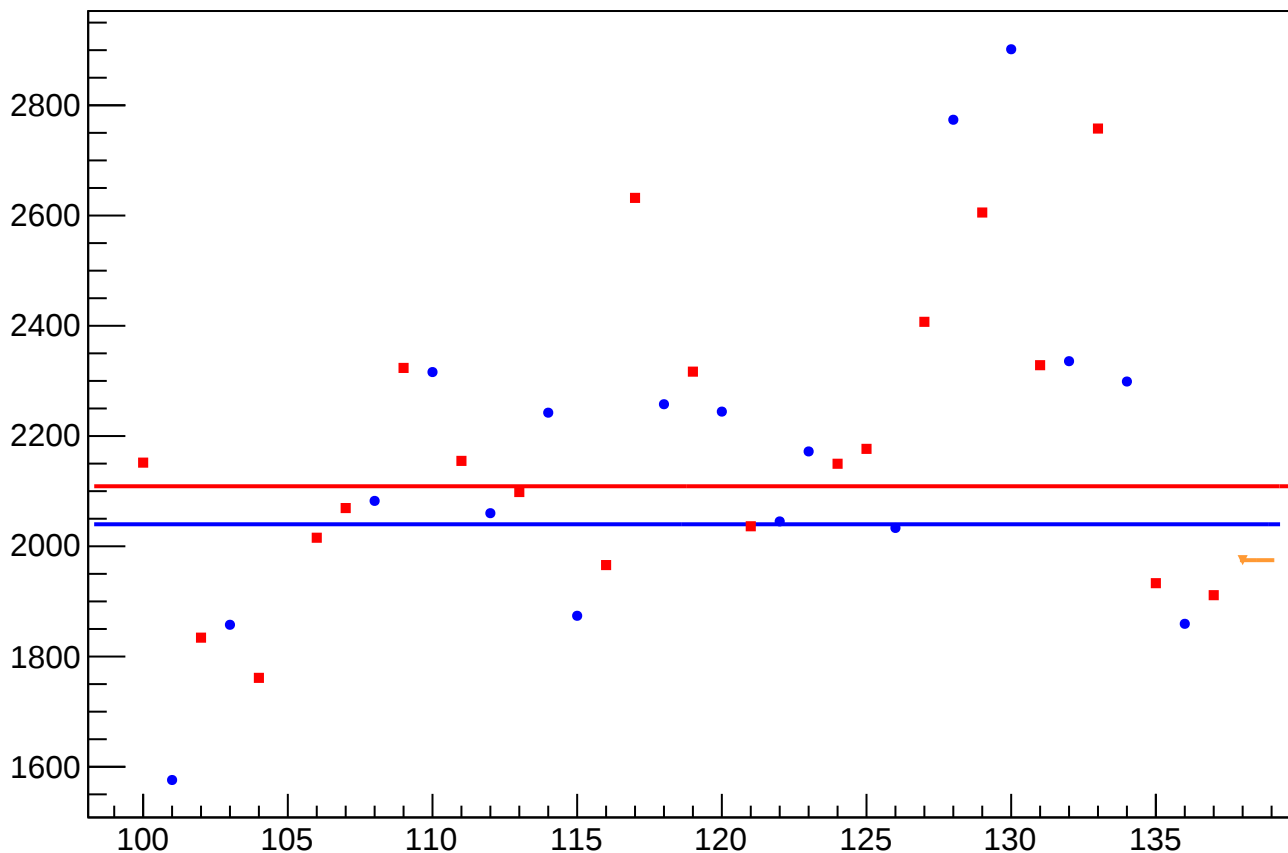
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2596.804 $\pm$ 757.953 χ^2 /NDF: 21.9/17

2788.681 $\pm$ 548.276 χ^2 /NDF: 34.3/37

2999.277 $\pm$ 794.066 χ^2 /NDF: 12.3/19

asym_usr_rms vs Slug, Sign Corrected



Right In: 2039.942±/0.567 χ^2/NDF : 331984.0/16

Left Out: 1974.816±/1.636 χ^2/NDF : 0.0/0

Right Out: 2108.906±/0.561 χ^2/NDF : 198889.3/19

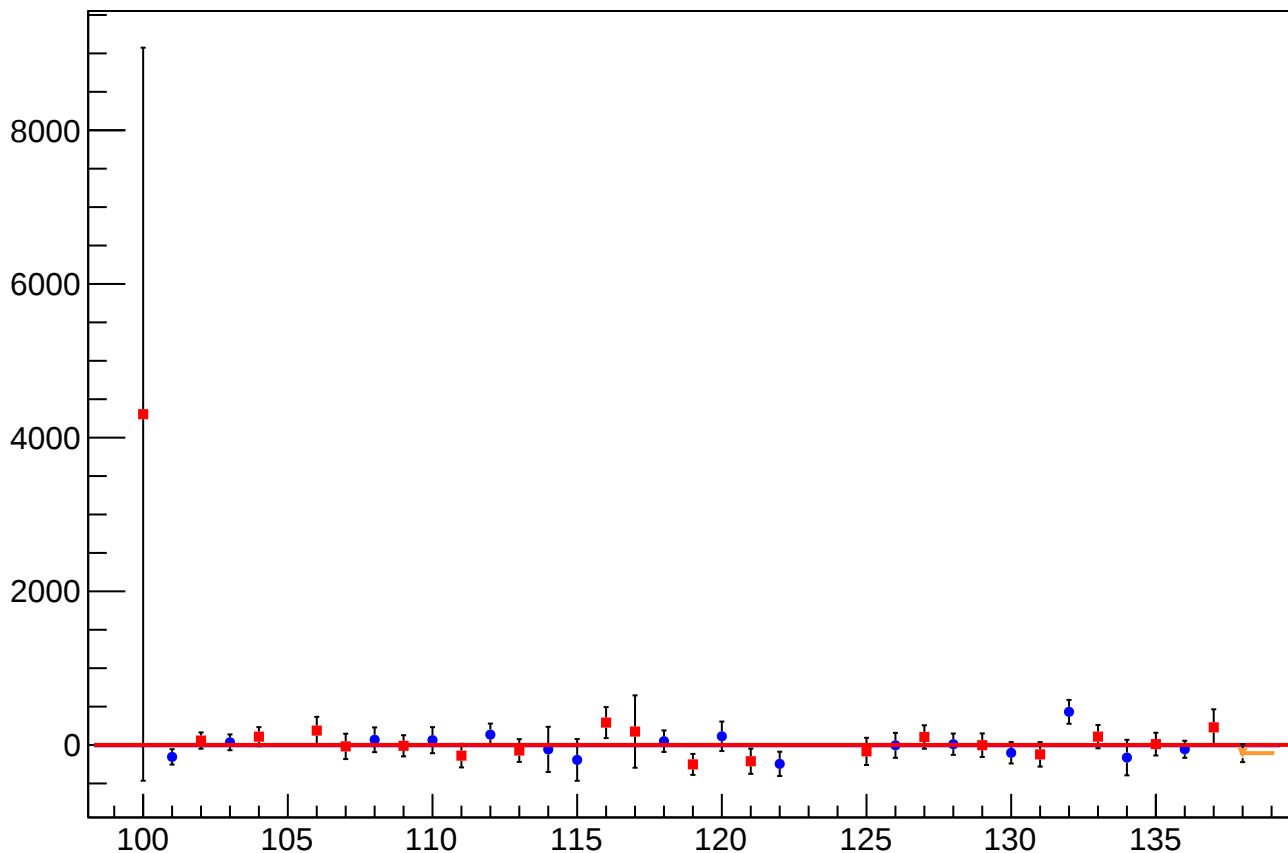
Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

2032.949±/0.536 χ^2/NDF : 333399.3/17

2069.161±/0.388 χ^2/NDF : 541864.2/37

2108.906±/0.561 χ^2/NDF : 198889.3/19

reg_asym_dsl_mean vs Slug, Sign Corrected



Right In: -3.283 ± 36.714 χ^2/NDF : 16.1/15

Left Out: -105.311 ± 116.966 χ^2/NDF : 0.0/0

Right Out: 1.545 ± 36.588 χ^2/NDF : 14.1/18

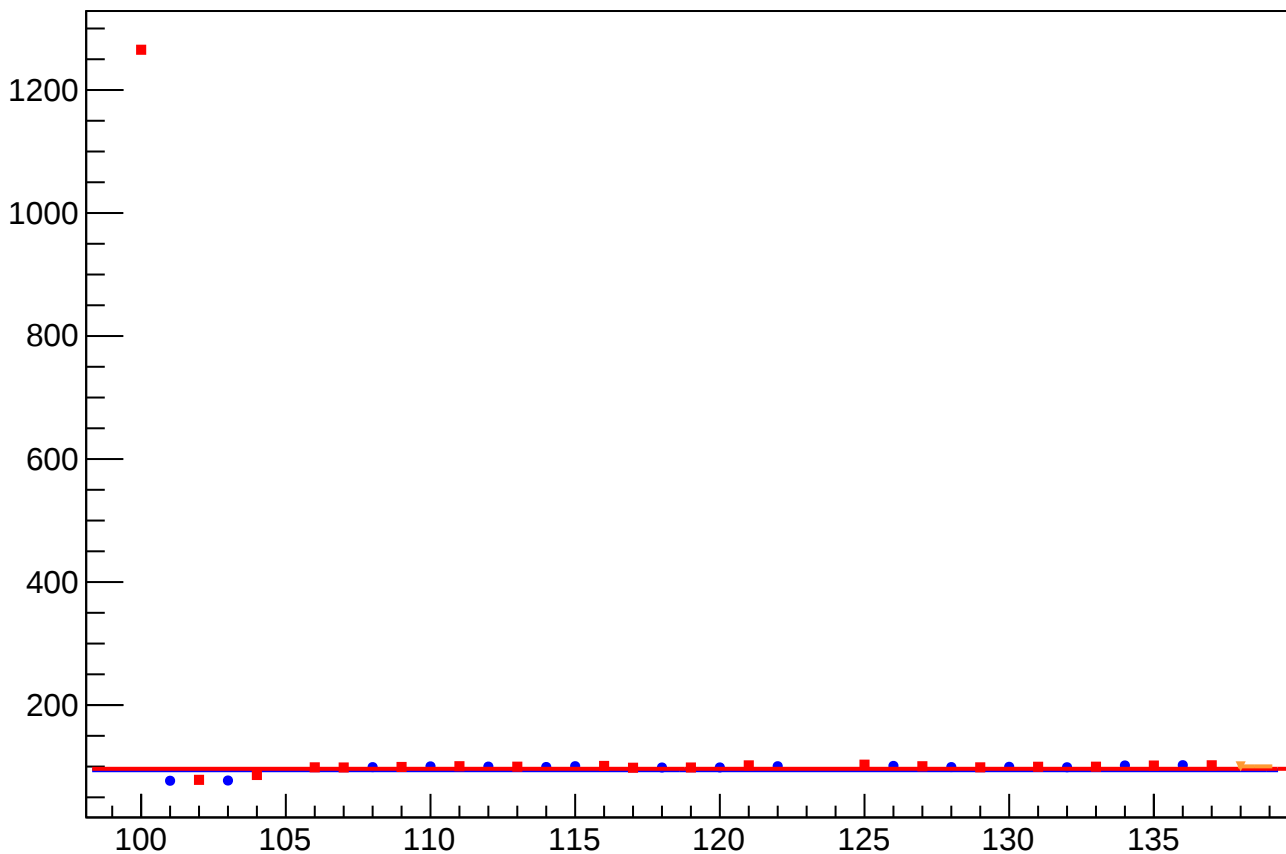
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-12.433 ± 35.029 χ^2/NDF : 16.8/16

-5.748 ± 25.302 χ^2/NDF : 31.0/35

1.545 ± 36.588 χ^2/NDF : 14.1/18

reg_asym_dsl_rms vs Slug, Sign Corrected



Right In: 94.068+/-0.026 χ^2/NDF : 152285.6/15

Left Out: 100.313+/-0.083 χ^2/NDF : 0.0/0

Right Out: 96.383+/-0.026 χ^2/NDF : 209255.3/18

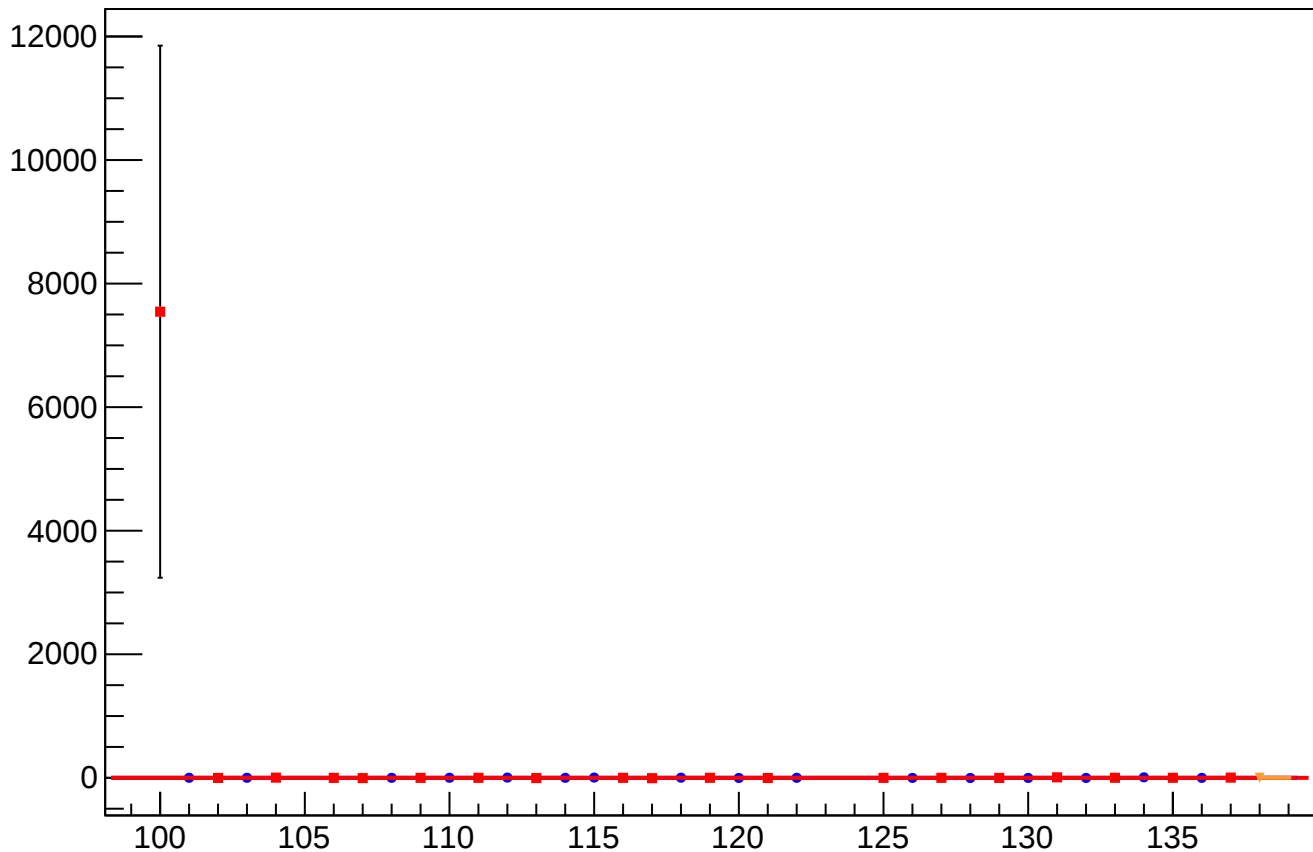
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

94.628+/-0.025 χ^2/NDF : 157474.8/16

95.467+/-0.018 χ^2/NDF : 369129.1/35

96.383+/-0.026 χ^2/NDF : 209255.3/18

asym_dsl_correction_mean vs Slug, Sign Corrected



Right In: 0.426+/-0.616 χ^2/NDF : 9.7/15

Left Out: 1.136+/-1.979 χ^2/NDF : 0.0/0

Right Out: -0.336+/-0.641 χ^2/NDF : 23.1/18

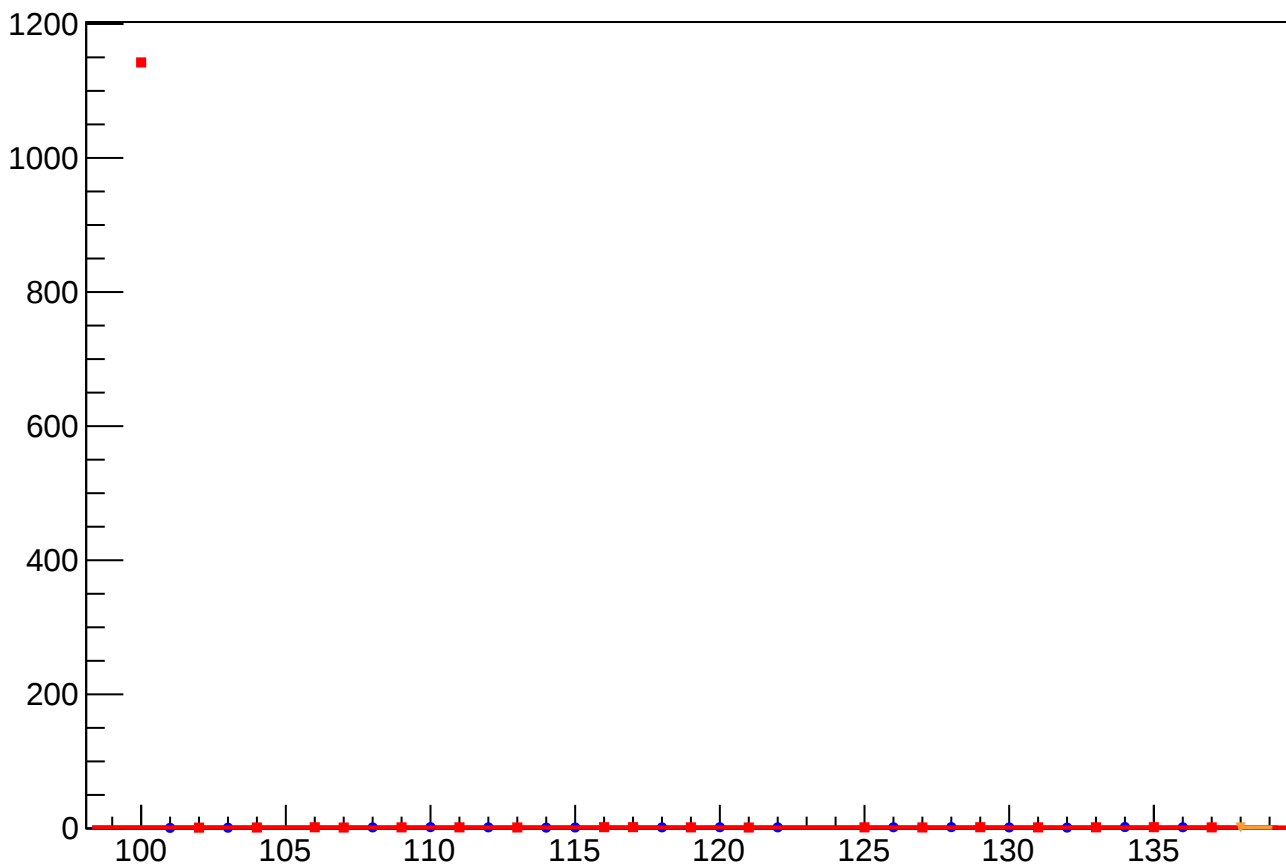
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.489+/-0.588 χ^2/NDF : 9.8/16

0.112+/-0.433 χ^2/NDF : 33.8/35

-0.336+/-0.641 χ^2/NDF : 23.1/18

asym_dsl_correction_rms vs Slug, Sign Corrected



Right In: 1.420+/-0.000 χ^2/NDF : 730935.2/15

Left Out: 1.541+/-0.001 χ^2/NDF : 0.0/0

Right Out: 1.557+/-0.000 χ^2/NDF : 318750.9/18

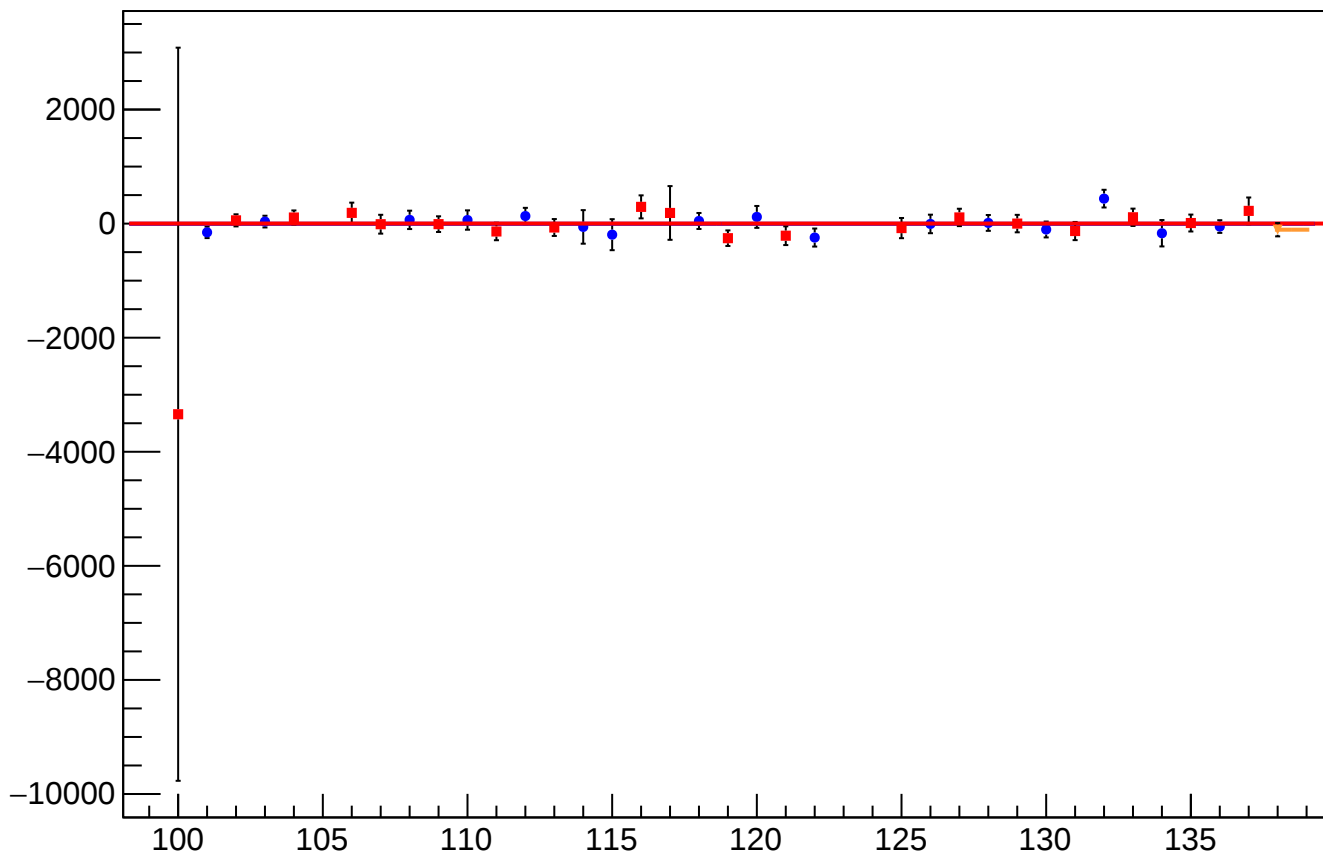
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.430+/-0.000 χ^2/NDF : 737851.7/16

1.488+/-0.000 χ^2/NDF : 1099159.1/35

1.557+/-0.000 χ^2/NDF : 318750.9/18

asym_dsl_mean vs Slug, Sign Corrected



Right In: -3.099+/-36.723 χ^2/NDF : 16.3/15

Left Out: -106.609+/-116.997 χ^2/NDF : 0.0/0

Right Out: 1.300+/-36.598 χ^2/NDF : 13.7/18

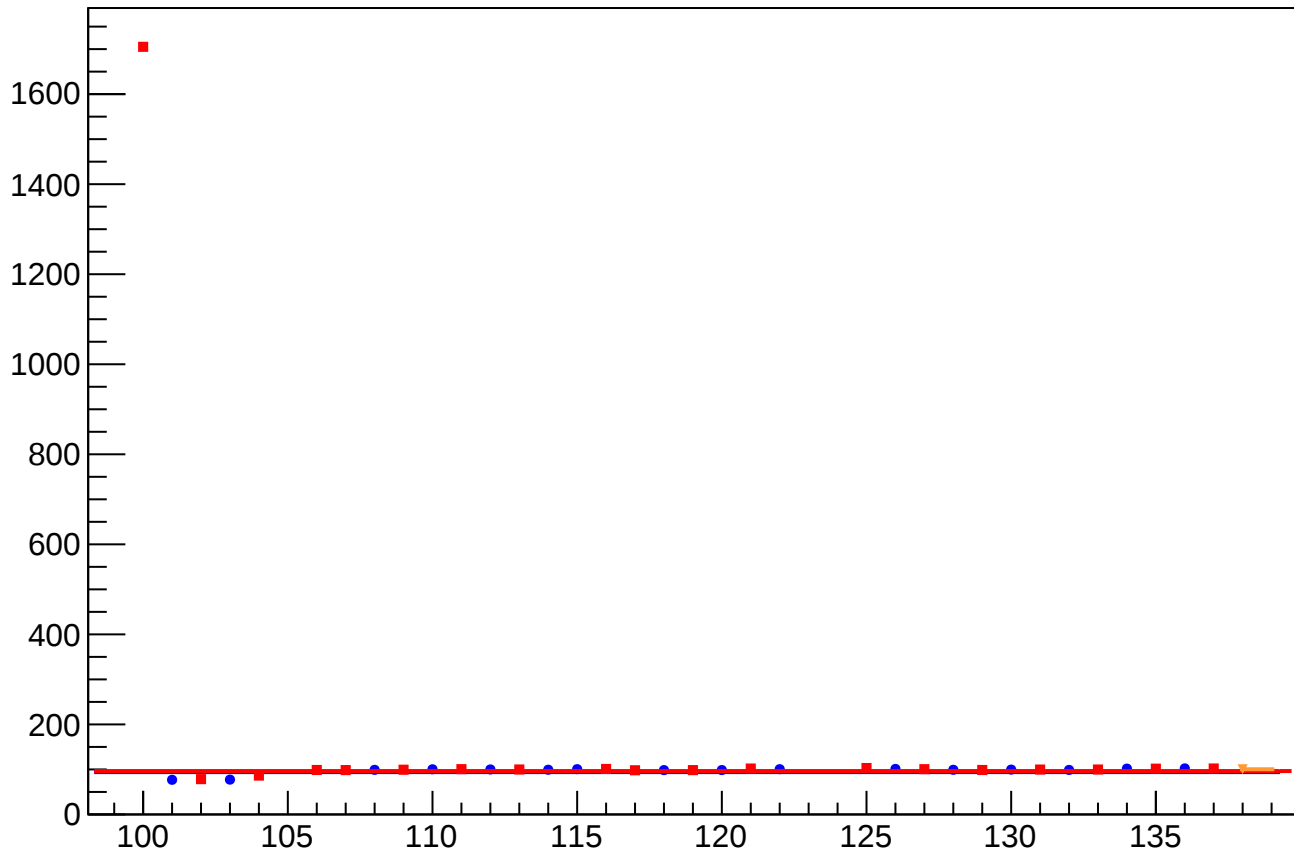
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-12.382+/-35.038 χ^2/NDF : 17.0/16

-5.839+/-25.309 χ^2/NDF : 30.8/35

1.300+/-36.598 χ^2/NDF : 13.7/18

asym_dsl_rms vs Slug, Sign Corrected



Right In: 94.093+/-0.026 χ^2/NDF : 152305.3/15

Left Out: 100.339+/-0.083 χ^2/NDF : 0.0/0

Right Out: 96.391+/-0.026 χ^2/NDF : 214389.8/18

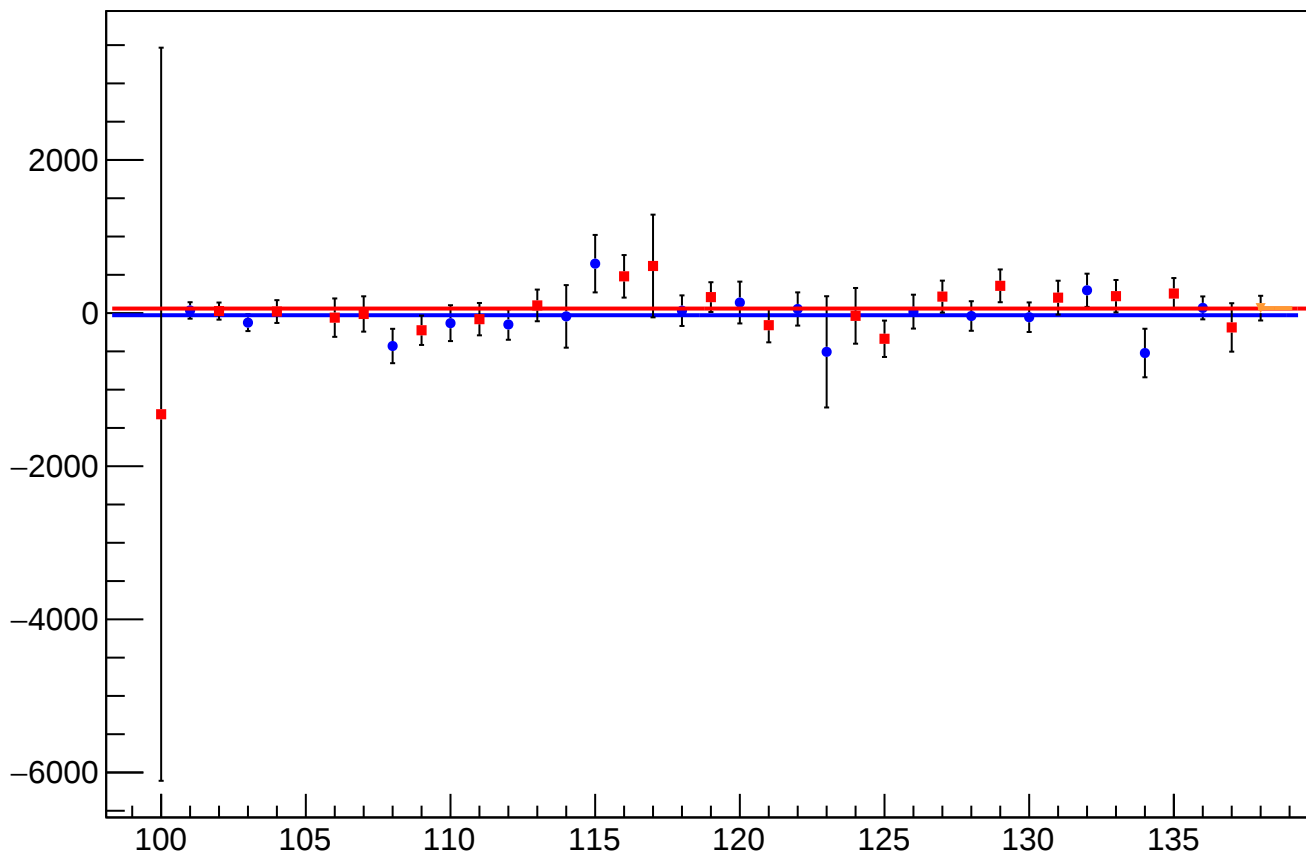
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

94.653+/-0.025 χ^2/NDF : 157495.1/16

95.484+/-0.018 χ^2/NDF : 374240.0/35

96.391+/-0.026 χ^2/NDF : 214389.8/18

reg_asym_dsr_mean vs Slug, Sign Corrected



Right In: -27.840+/-46.777 χ^2 /NDF: 14.3/16

Left Out: 64.721+/-161.200 χ^2 /NDF: 0.0/0

Right Out: 59.211+/-47.588 χ^2 /NDF: 15.6/19

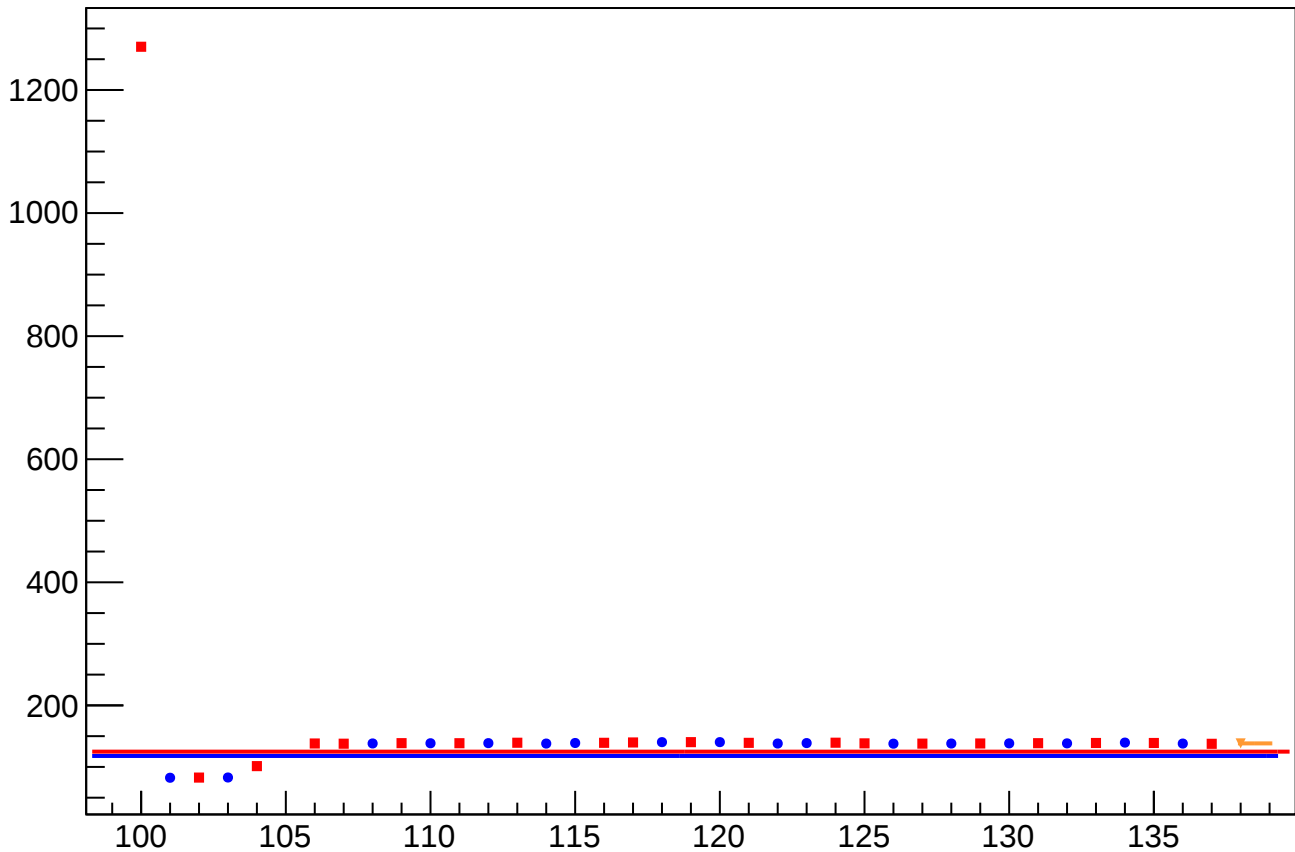
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-20.651+/-44.924 χ^2 /NDF: 14.6/17

16.982+/-32.667 χ^2 /NDF: 31.7/37

59.211+/-47.588 χ^2 /NDF: 15.6/19

reg_asym_dsr_rms vs Slug, Sign Corrected



Right In: 117.815 $\pm$ 0.033 χ^2 /NDF: 666581.7/16

Left Out: 138.246 $\pm$ 0.114 χ^2 /NDF: 0.0/0

Right Out: 124.839 $\pm$ 0.034 χ^2 /NDF: 570766.0/19

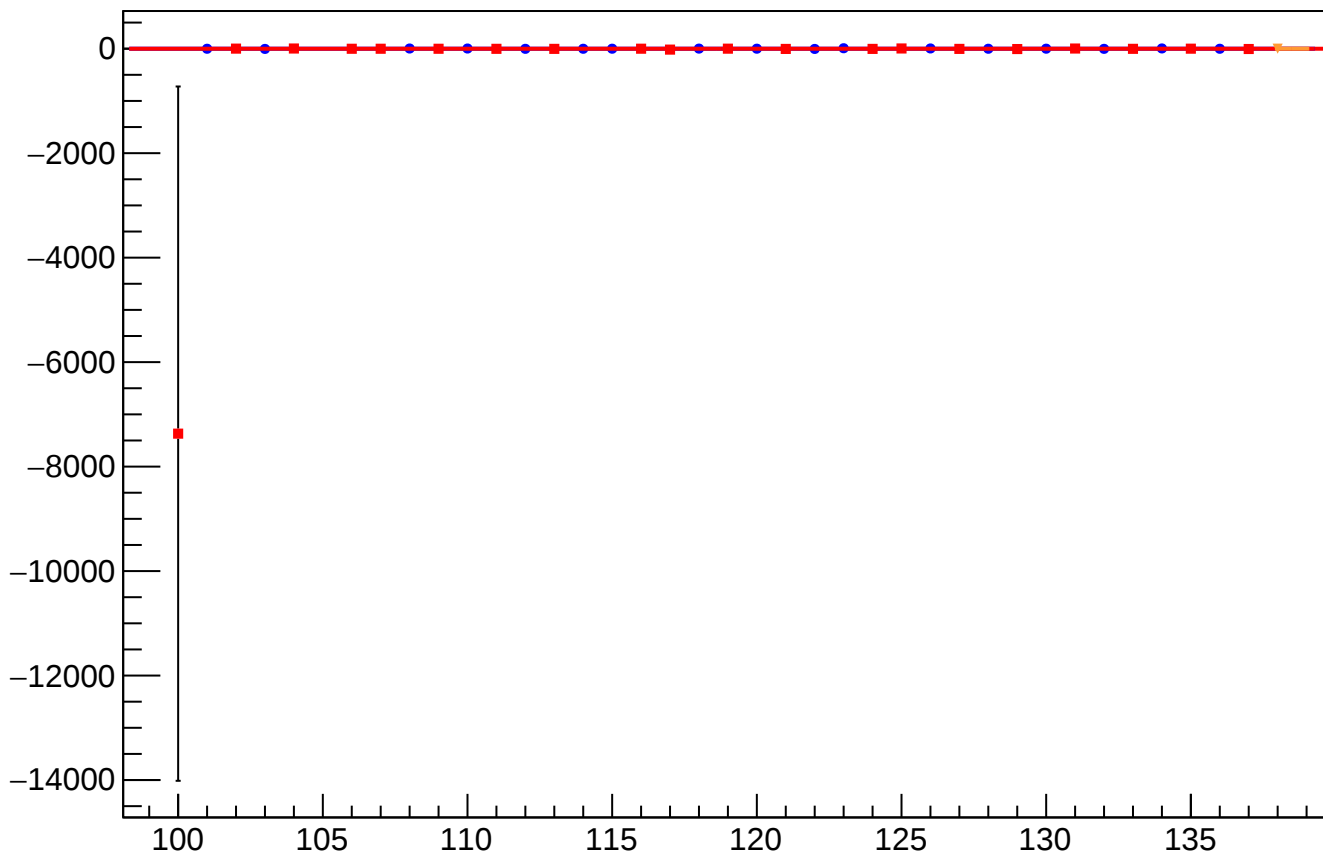
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

119.402 $\pm$ 0.032 χ^2 /NDF: 696215.2/17

121.964 $\pm$ 0.023 χ^2 /NDF: 1280787.3/37

124.839 $\pm$ 0.034 χ^2 /NDF: 570766.0/19

asym_dsr_correction_mean vs Slug, Sign Corrected



Right In: -0.695+/-0.810 χ^2 /NDF: 12.7/16

Left Out: 0.748+/-2.953 χ^2 /NDF:0.0/0

Right Out: -0.719+/-0.849 χ^2 /NDF: 15.3/19

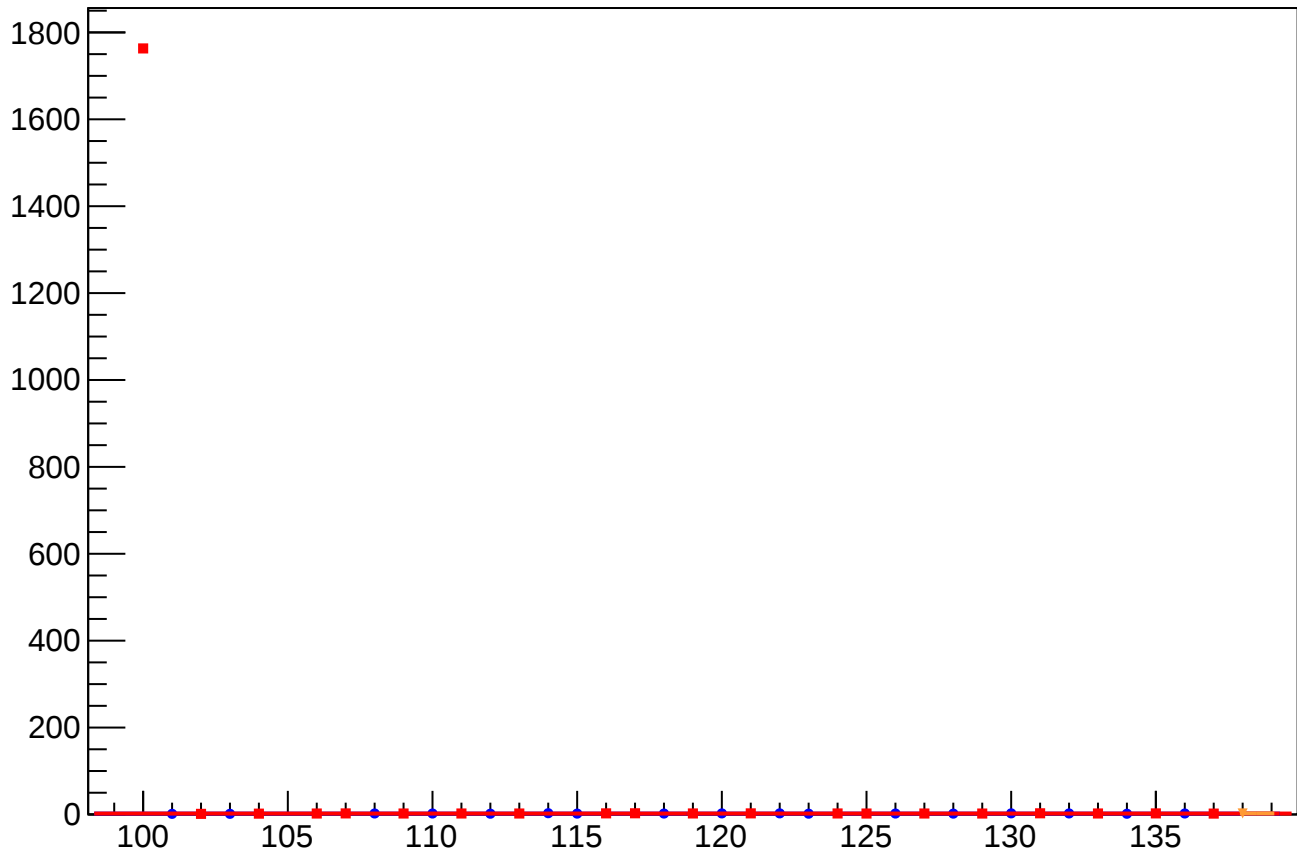
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.594+/-0.781 χ^2 /NDF: 12.9/17

-0.651+/-0.575 χ^2 /NDF: 28.2/37

-0.719+/-0.849 χ^2 /NDF: 15.3/19

asym_dsr_correction_rms vs Slug, Sign Corrected



Right In: 1.869 $\pm$ 0.001 χ^2 /NDF: 493173.6/16

Left Out: 2.362 $\pm$ 0.002 χ^2 /NDF: 0.0/0

Right Out: 2.068 $\pm$ 0.001 χ^2 /NDF: 530286.7/19

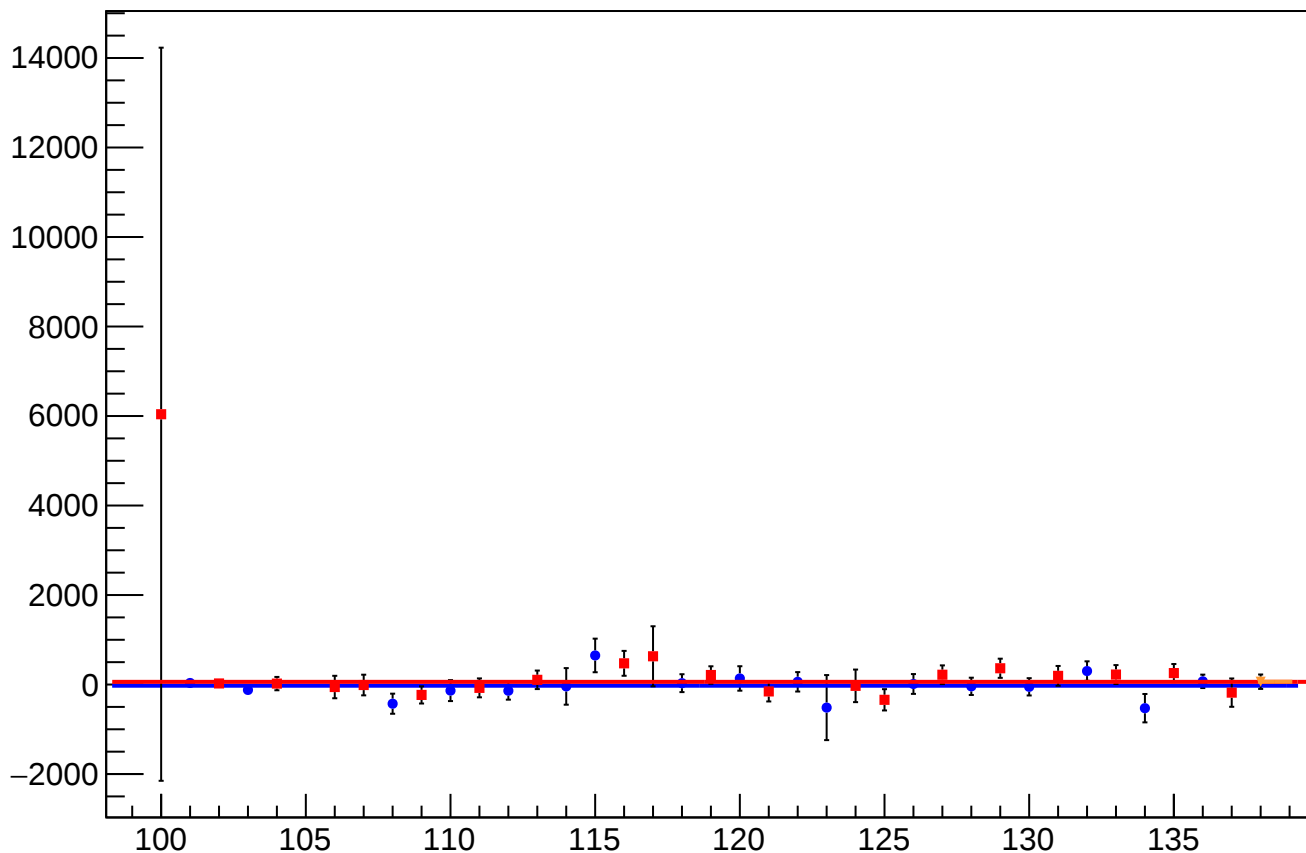
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.904 $\pm$ 0.001 χ^2 /NDF: 545018.3/17

1.979 $\pm$ 0.000 χ^2 /NDF: 1115768.8/37

2.068 $\pm$ 0.001 χ^2 /NDF: 530286.7/19

asym_dsr_mean vs Slug, Sign Corrected



Right In: -26.258 $\pm$ 46.789 χ^2 /NDF: 14.4/16

Left Out: 63.123 $\pm$ 161.244 χ^2 /NDF: 0.0/0

Right Out: 60.159 $\pm$ 47.602 χ^2 /NDF: 16.2/19

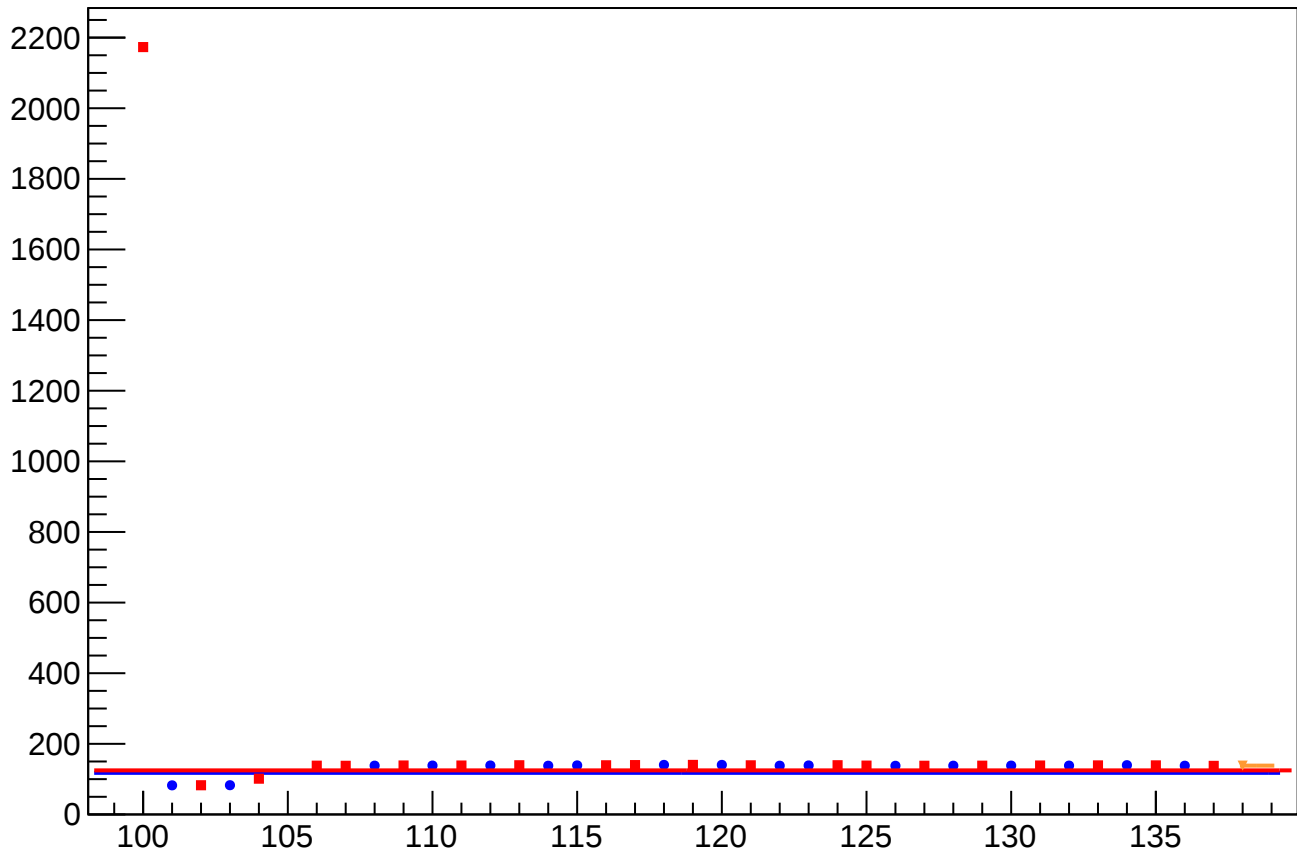
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-19.317 $\pm$ 44.936 χ^2 /NDF: 14.6/17

18.133 $\pm$ 32.676 χ^2 /NDF: 32.4/37

60.159 $\pm$ 47.602 χ^2 /NDF: 16.2/19

asym_dsr_rms vs Slug, Sign Corrected



Right In: 117.847 $\pm$ 0.033 χ^2 /NDF: 666622.8/16

Left Out: 138.284 $\pm$ 0.114 χ^2 /NDF: 0.0/0

Right Out: 124.828 $\pm$ 0.034 χ^2 /NDF: 581349.7/19

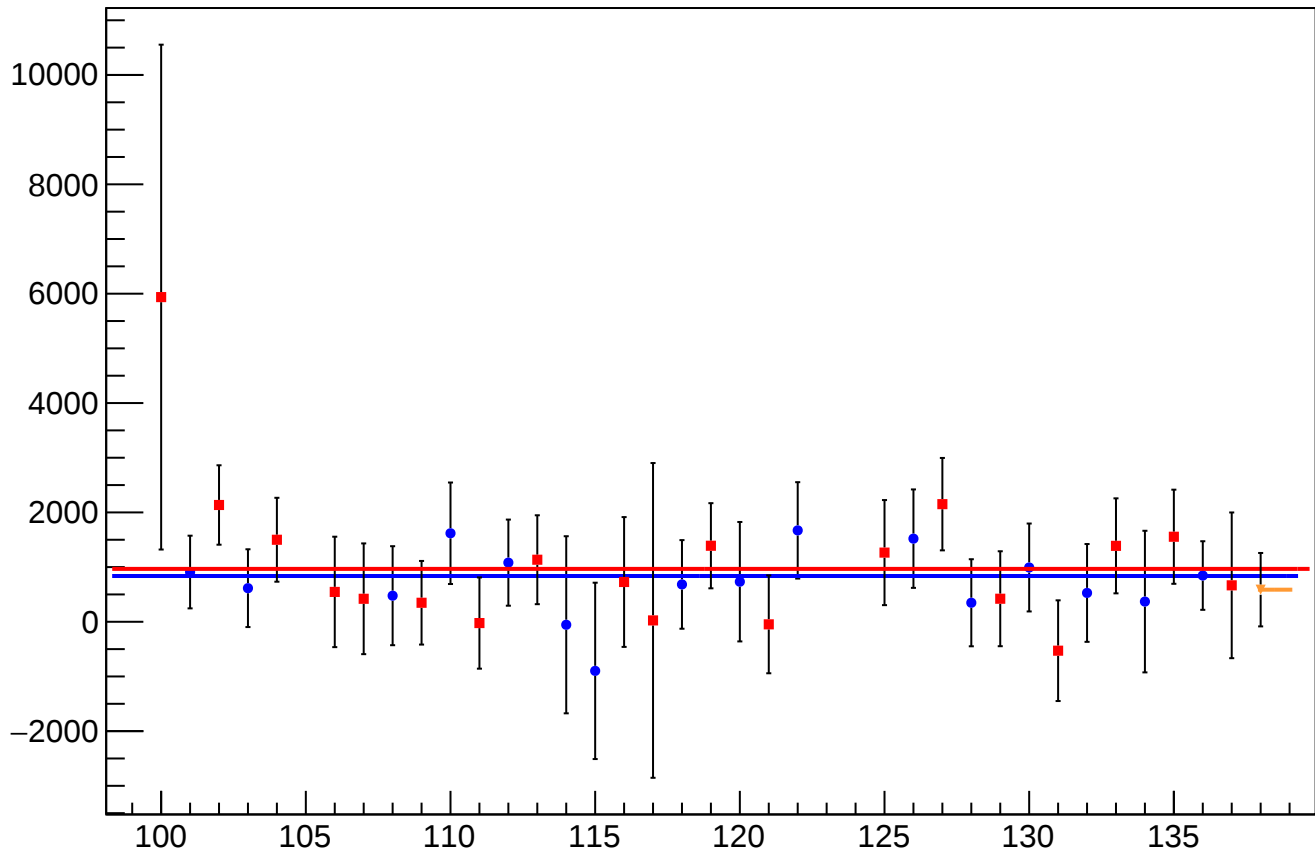
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

119.434 $\pm$ 0.032 χ^2 /NDF: 696257.3/17

121.976 $\pm$ 0.023 χ^2 /NDF: 1291187.6/37

124.828 $\pm$ 0.034 χ^2 /NDF: 581349.7/19

reg_asym_left_avg_mean vs Slug, Sign Corrected



Right In: 837.048 ± 216.181 χ^2/NDF : 4.7/15

Left Out: 586.912 ± 671.331 χ^2/NDF : 0.0/0

Right Out: 967.277 ± 212.168 χ^2/NDF : 14.4/18

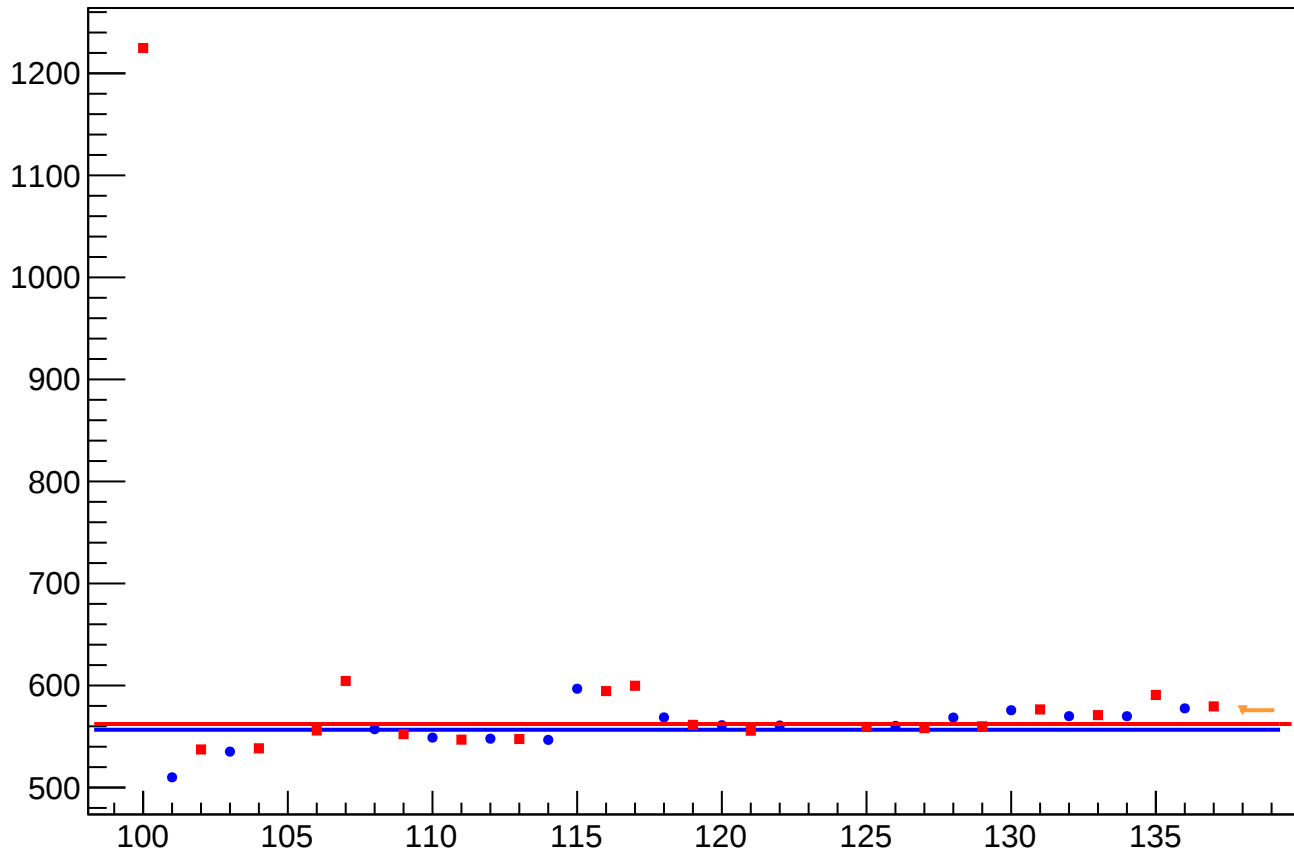
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

813.547 ± 205.775 χ^2/NDF : 4.8/16

888.061 ± 147.713 χ^2/NDF : 19.5/35

967.277 ± 212.168 χ^2/NDF : 14.4/18

reg_asym_left_avg_rms vs Slug, Sign Corrected



Right In: 556.637+/-0.153 χ^2/NDF : 18391.7/15

Left Out: 575.758+/-0.475 χ^2/NDF : 0.0/0

Right Out: 562.253+/-0.150 χ^2/NDF : 55916.7/18

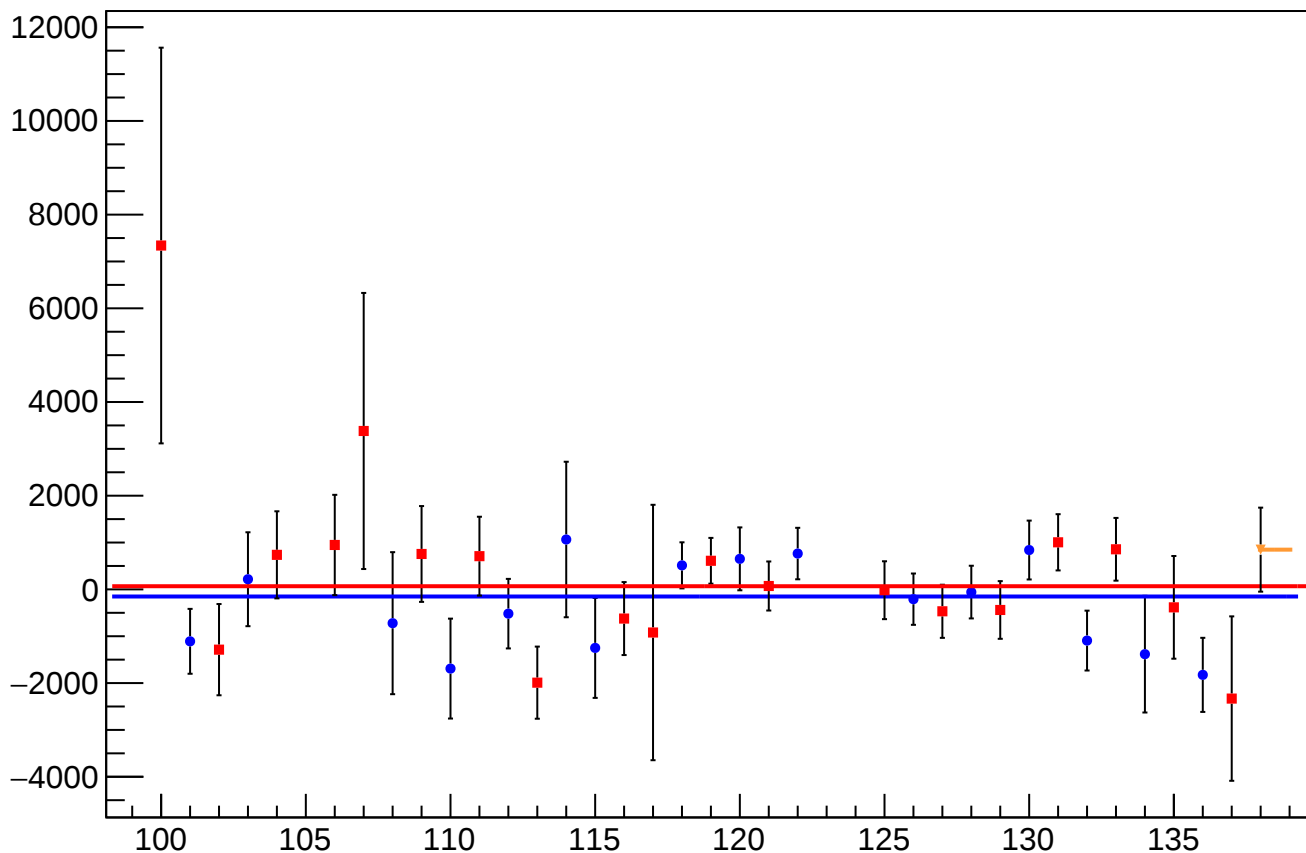
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

558.434+/-0.146 χ^2/NDF : 19861.6/16

560.285+/-0.104 χ^2/NDF : 76112.3/35

562.253+/-0.150 χ^2/NDF : 55916.7/18

asym_left_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.876+/-180.078 χ^2/NDF : 22.3/15

Left Out: 848.165+/-896.863 χ^2/NDF : 0.0/0

Right Out: 67.516+/-178.283 χ^2/NDF : 25.1/18

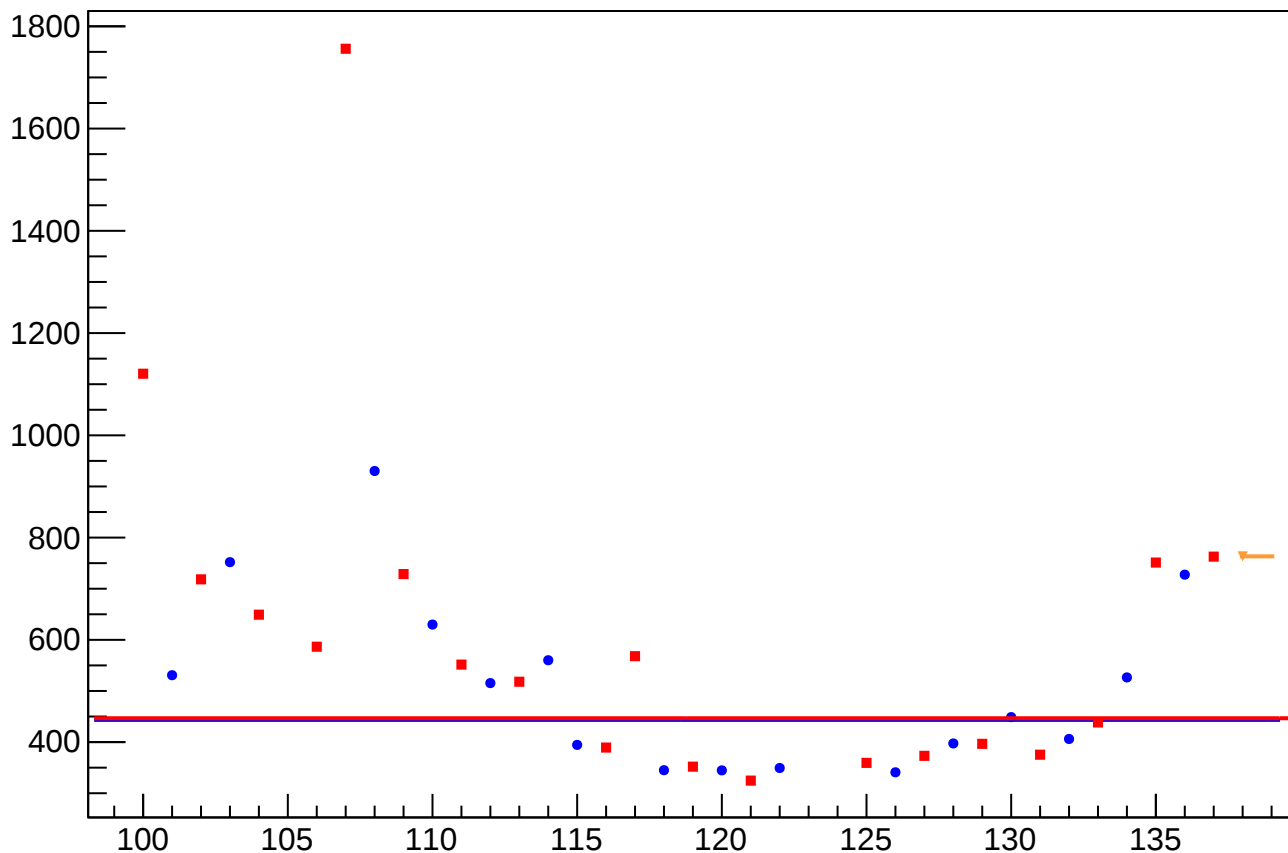
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-113.122+/-176.554 χ^2/NDF : 23.5/16

-23.683+/-125.449 χ^2/NDF : 49.2/35

67.516+/-178.283 χ^2/NDF : 25.1/18

asym_left_avg_correction_rms vs Slug, Sign Corrected



Right In: 443.451+/-0.127 χ^2/NDF : 1060940.9/15

Left Out: 763.282+/-0.634 χ^2/NDF : 0.0/0

Right Out: 446.668+/-0.126 χ^2/NDF : 1463968.9/18

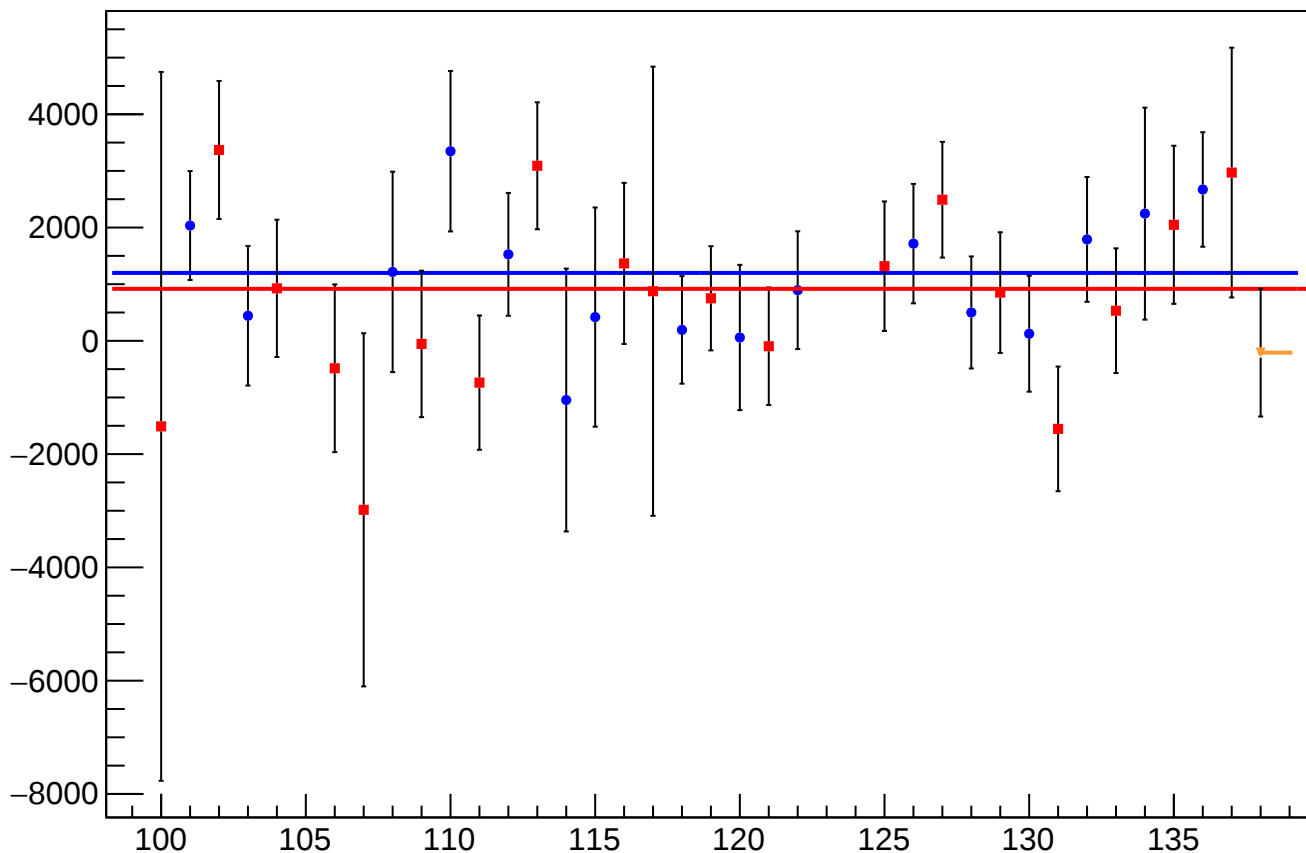
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

455.845+/-0.125 χ^2/NDF : 1305427.3/16

451.301+/-0.089 χ^2/NDF : 2772071.8/35

446.668+/-0.126 χ^2/NDF : 1463968.9/18

asym_left_avg_mean vs Slug, Sign Corrected



Right In: 1198.972 $\pm$ 295.243 χ^2 /NDF: 11.2/15

Left Out: -208.352 $\pm$ 1128.222 χ^2 /NDF: 0.0/0

Right Out: 918.180 $\pm$ 292.495 χ^2 /NDF: 23.2/18

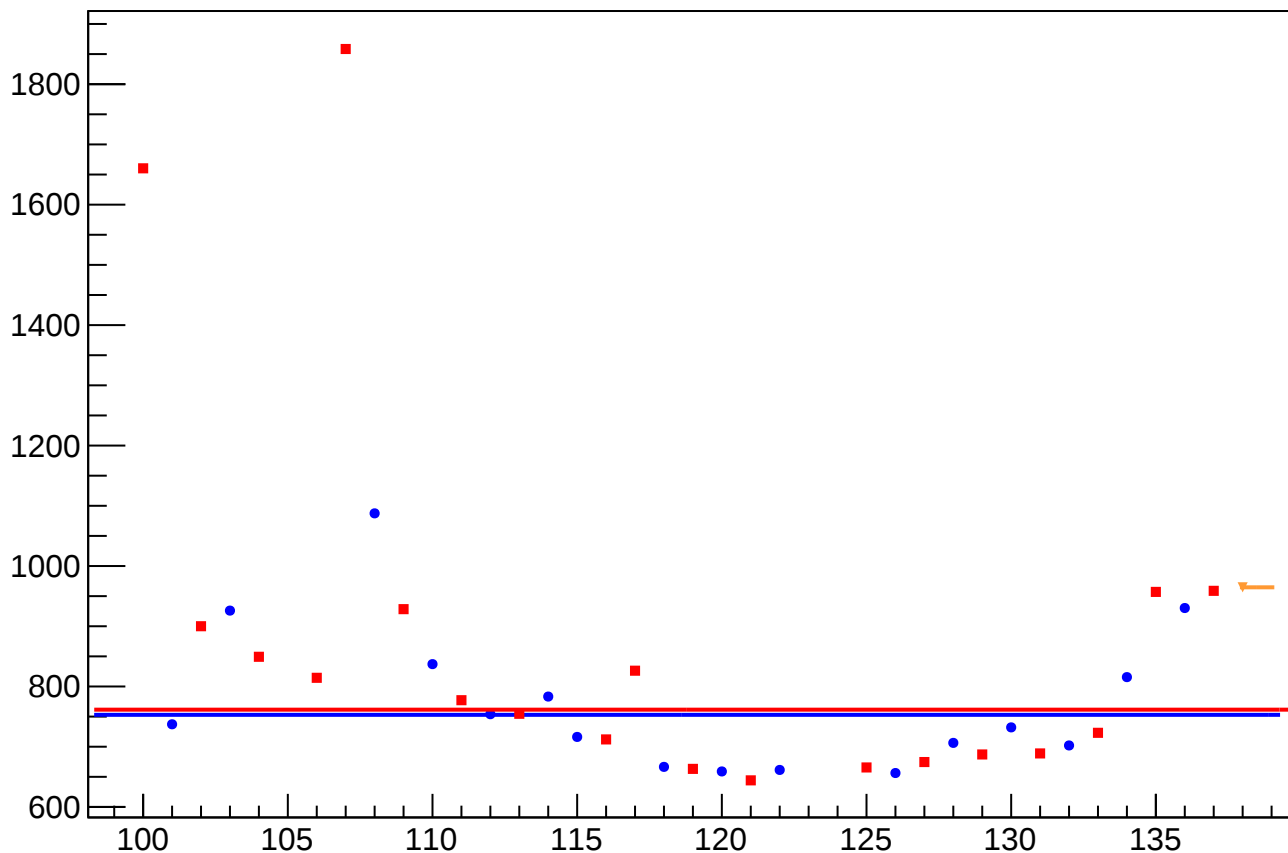
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1108.774 $\pm$ 285.625 χ^2 /NDF: 12.7/16

1015.741 $\pm$ 204.353 χ^2 /NDF: 36.1/35

918.180 $\pm$ 292.495 χ^2 /NDF: 23.2/18

asym_left_avg_rms vs Slug, Sign Corrected



Right In: 752.937 $\pm$ 0.209 χ^2 /NDF: 252526.4/15

Left Out: 964.646 $\pm$ 0.798 χ^2 /NDF: 0.0/0

Right Out: 761.514 $\pm$ 0.207 χ^2 /NDF: 517672.2/18

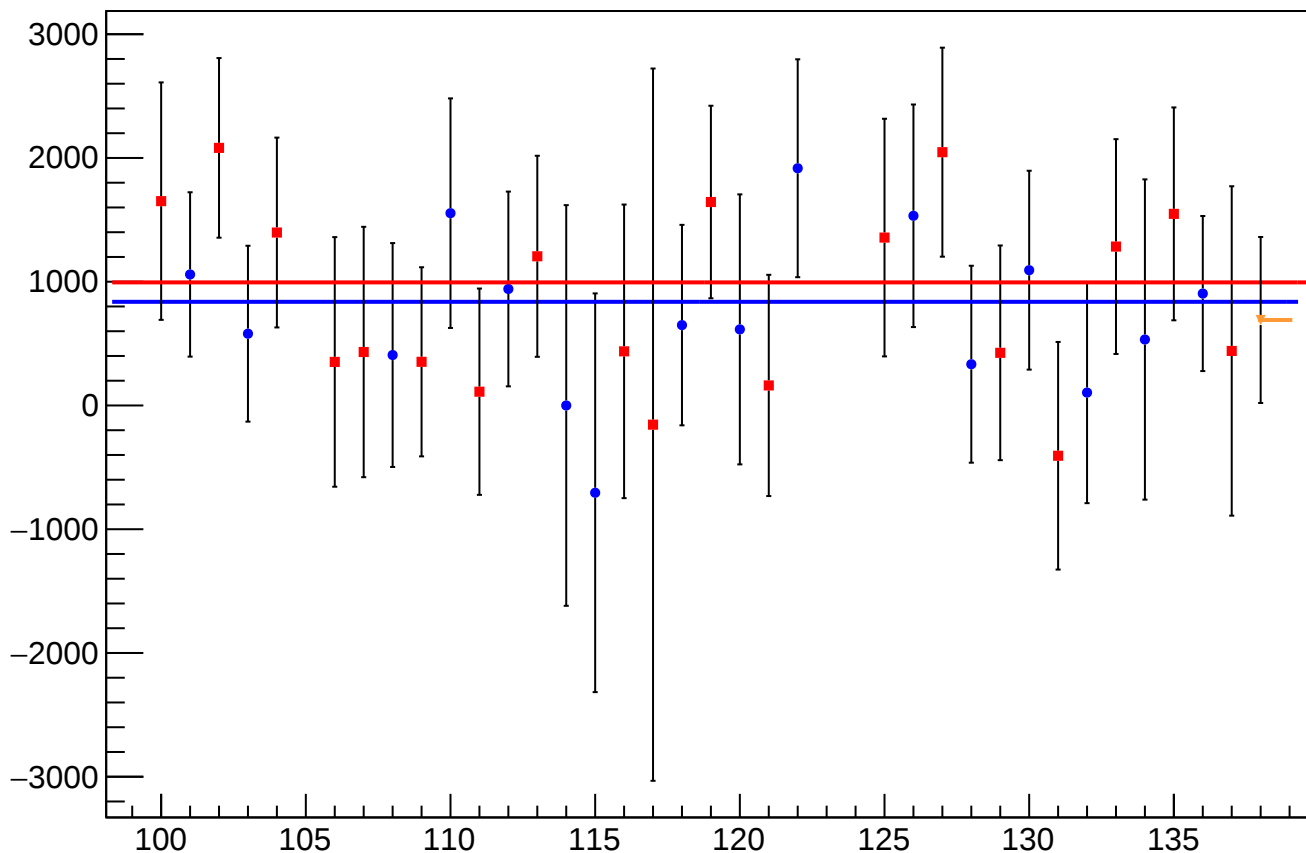
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

766.506 $\pm$ 0.202 χ^2 /NDF: 318436.6/16

764.070 $\pm$ 0.144 χ^2 /NDF: 836407.0/35

761.514 $\pm$ 0.207 χ^2 /NDF: 517672.2/18

reg_asym_left_dd_mean vs Slug, Sign Corrected



Right In: 837.557 $\pm$ 216.015 χ^2 /NDF: 5.7/15

Left Out: 690.824 $\pm$ 670.671 χ^2 /NDF: 0.0/0

Right Out: 994.626 $\pm$ 207.208 χ^2 /NDF: 12.7/18

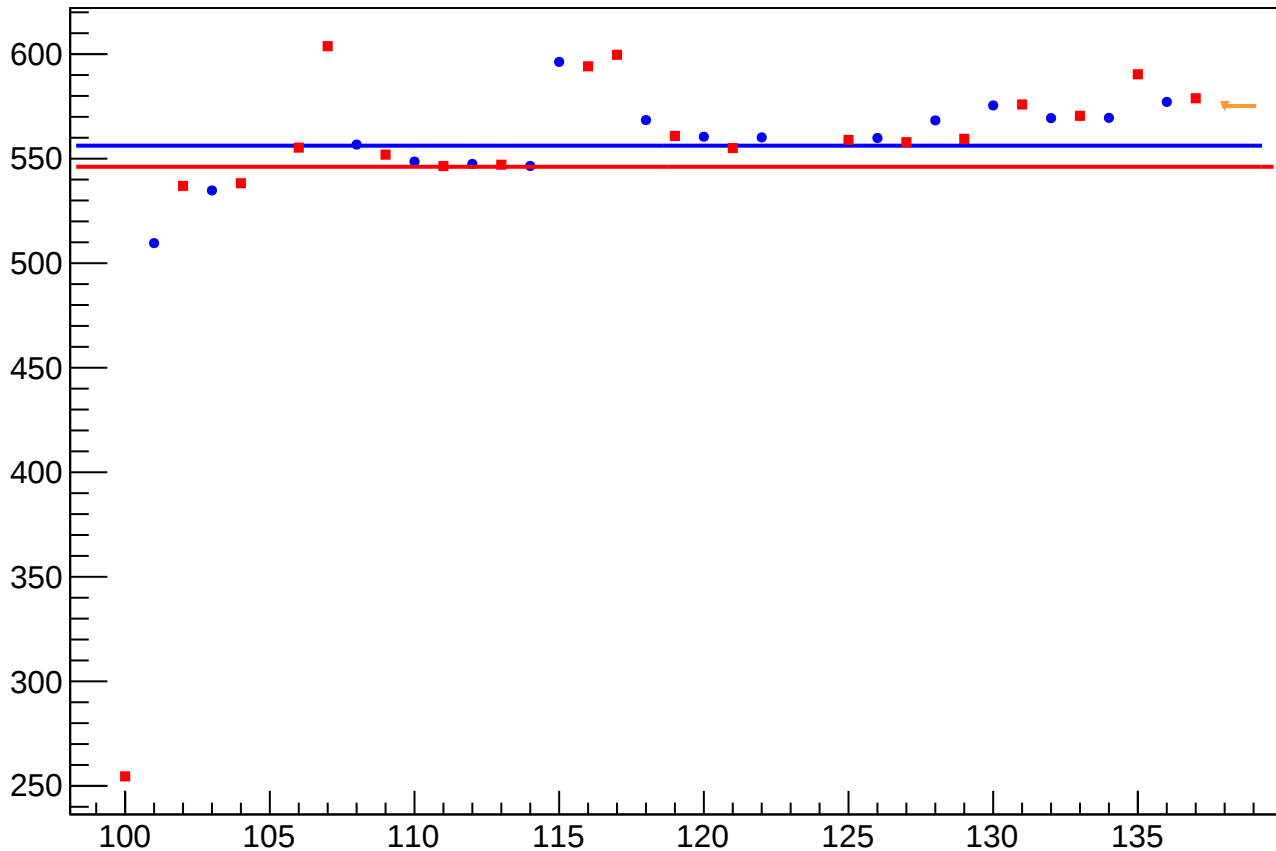
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

823.766 $\pm$ 205.613 χ^2 /NDF: 5.8/16

908.536 $\pm$ 145.951 χ^2 /NDF: 18.8/35

994.626 $\pm$ 207.208 χ^2 /NDF: 12.7/18

reg_asym_left_dd_rms vs Slug, Sign Corrected



Right In: 556.210+/-0.153 χ^2/NDF : 18417.4/15

Left Out: 575.191+/-0.474 χ^2/NDF : 0.0/0

Right Out: 546.124+/-0.147 χ^2/NDF : 208336.6/18

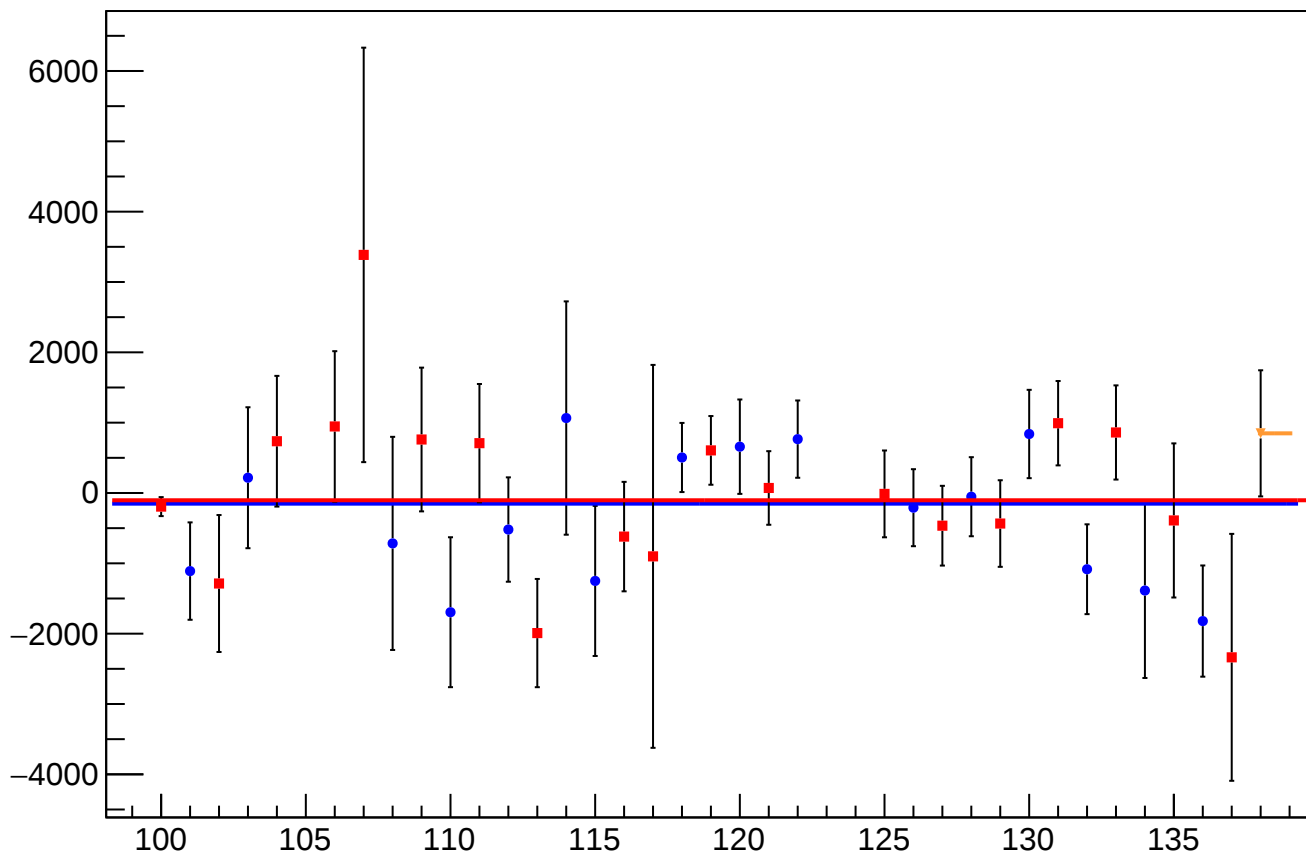
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

557.994+/-0.145 χ^2/NDF : 19868.6/16

552.105+/-0.103 χ^2/NDF : 231512.5/35

546.124+/-0.147 χ^2/NDF : 208336.6/18

asym_left_dd_correction_mean vs Slug, Sign Corrected



Right In: -151.459+/-179.991 χ^2/NDF : 22.3/15

Left Out: 848.159+/-896.579 χ^2/NDF : 0.0/0

Right Out: -103.328+/-107.623 χ^2/NDF : 23.3/18

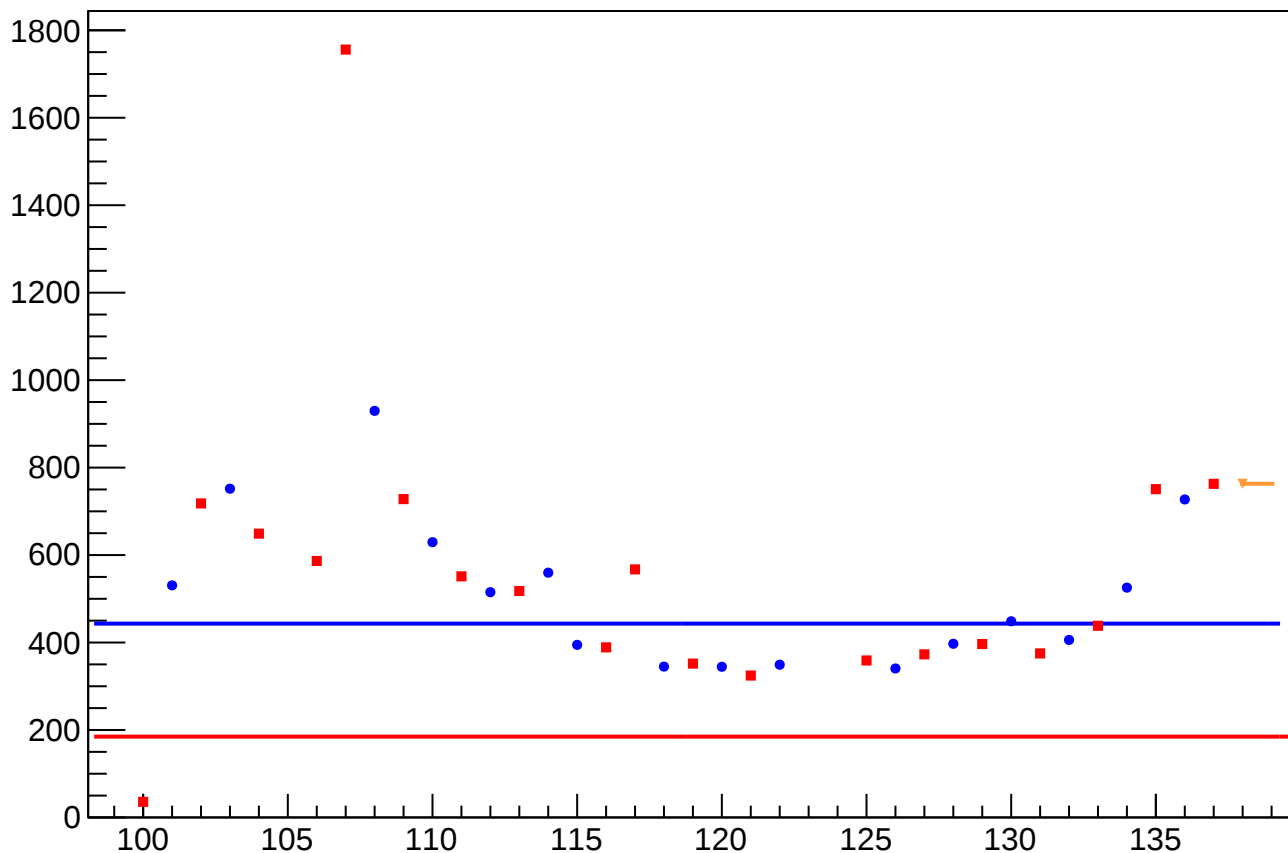
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-112.733+/-176.470 χ^2/NDF : 23.5/16

-105.878+/-91.884 χ^2/NDF : 46.8/35

-103.328+/-107.623 χ^2/NDF : 23.3/18

asym_left_dd_correction_rms vs Slug, Sign Corrected



Right In: 443.240+/-0.127 χ^2/NDF : 1060784.8/15

Left Out: 763.038+/-0.634 χ^2/NDF : 0.0/0

Right Out: 184.814+/-0.076 χ^2/NDF : 8119311.6/18

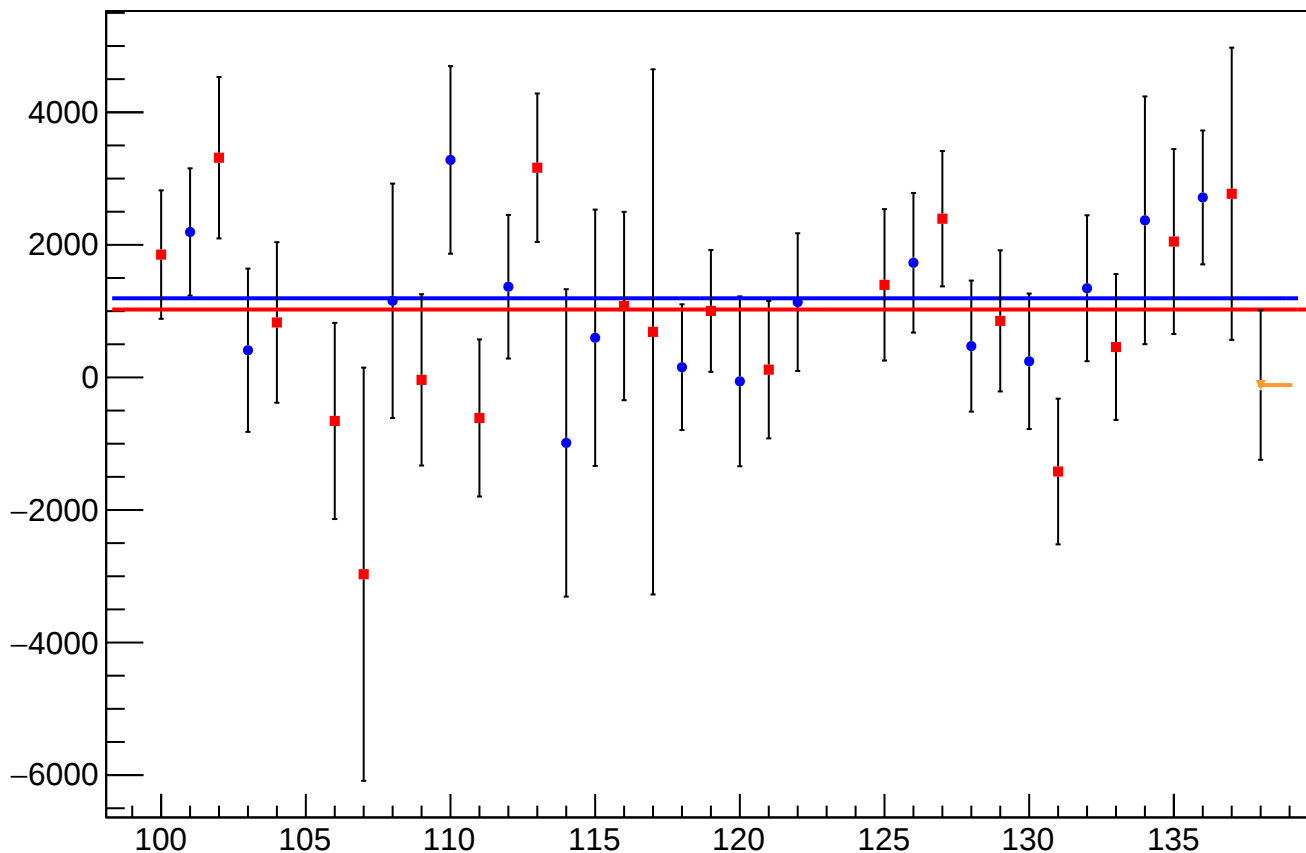
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

455.629+/-0.125 χ^2/NDF : 1305378.3/16

258.233+/-0.065 χ^2/NDF : 12857911.6/35

184.814+/-0.076 χ^2/NDF : 8119311.6/18

asym_left_dd_mean vs Slug, Sign Corrected



Right In: 1193.849 $\pm$ 295.046 χ^2 /NDF: 11.2/15

Left Out: -115.385 $\pm$ 1127.600 χ^2 /NDF: 0.0/0

Right Out: 1024.435 $\pm$ 280.119 χ^2 /NDF: 22.5/18

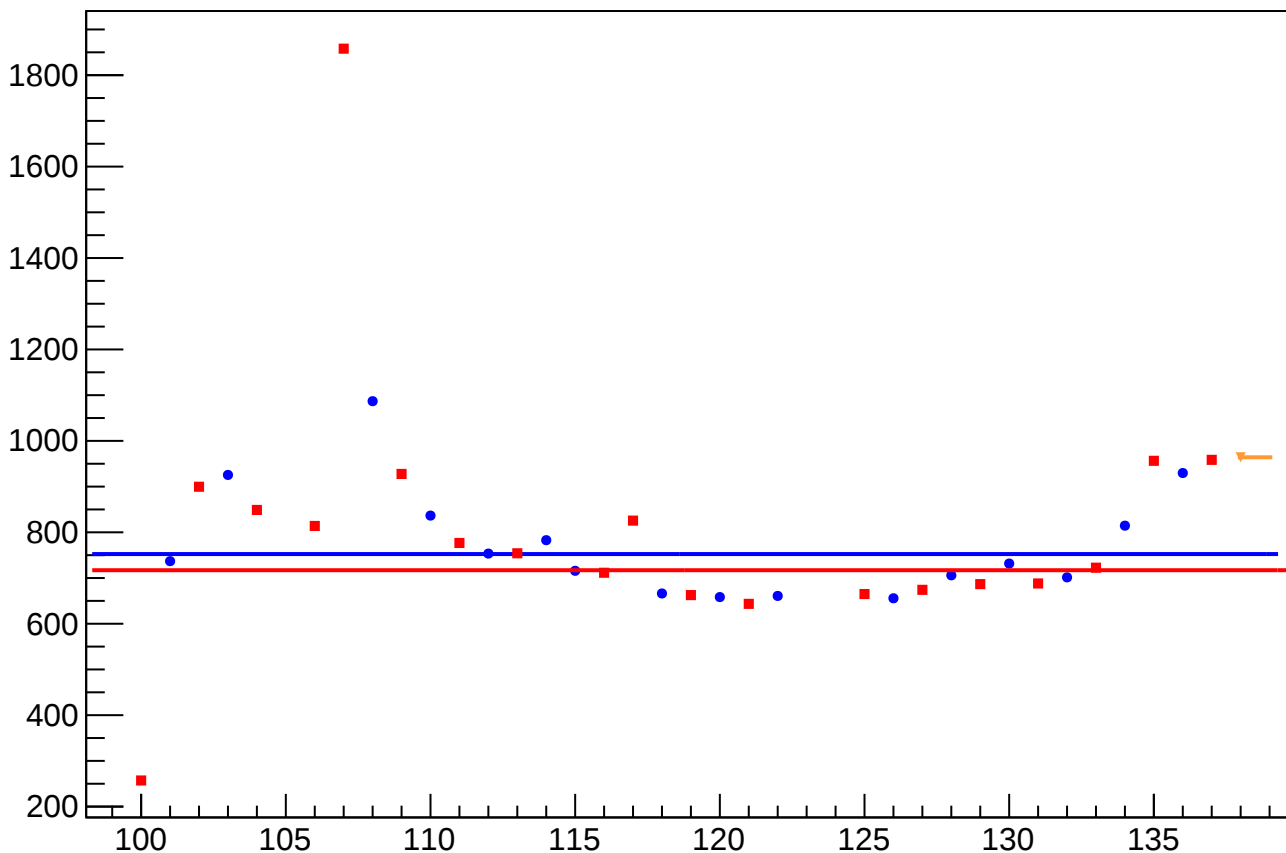
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1109.956 $\pm$ 285.436 χ^2 /NDF: 12.4/16

1066.391 $\pm$ 199.928 χ^2 /NDF: 35.0/35

1024.435 $\pm$ 280.119 χ^2 /NDF: 22.5/18

asym_left_dd_rms vs Slug, Sign Corrected



Right In: 752.429+/-0.209 χ^2/NDF : 252705.1/15

Left Out: 964.109+/-0.797 χ^2/NDF : 0.0/0

Right Out: 717.067+/-0.198 χ^2/NDF : 968442.7/18

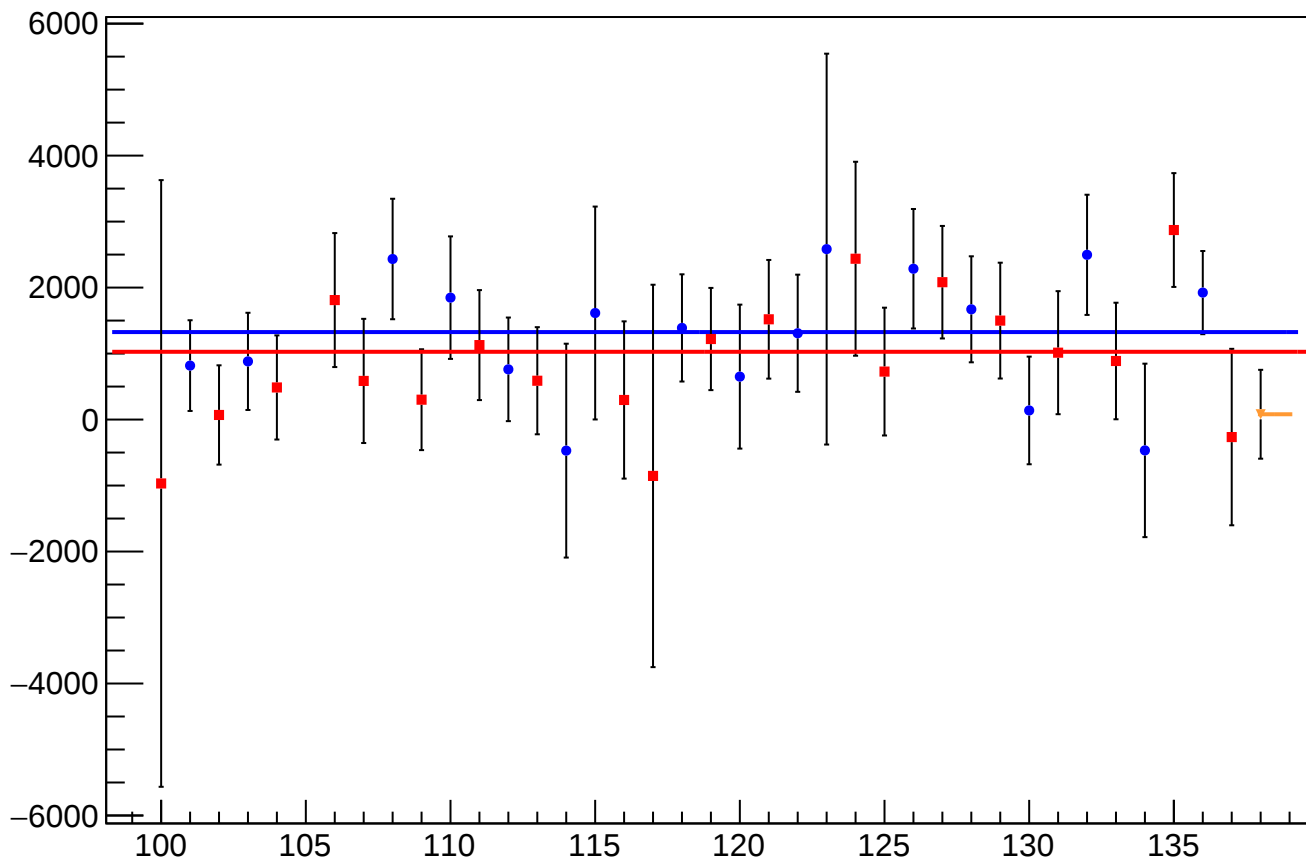
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

765.993+/-0.202 χ^2/NDF : 318671.5/16

741.070+/-0.141 χ^2/NDF : 1317046.4/35

717.067+/-0.198 χ^2/NDF : 968442.7/18

reg_asym_right_avg_mean vs Slug, Sign Corrected



Right In: 1325.776 $\pm$ 218.106 χ^2 /NDF: 12.9/16

Left Out: 80.287 $\pm$ 673.337 χ^2 /NDF: 0.0/0

Right Out: 1026.996 $\pm$ 211.021 χ^2 /NDF: 13.8/19

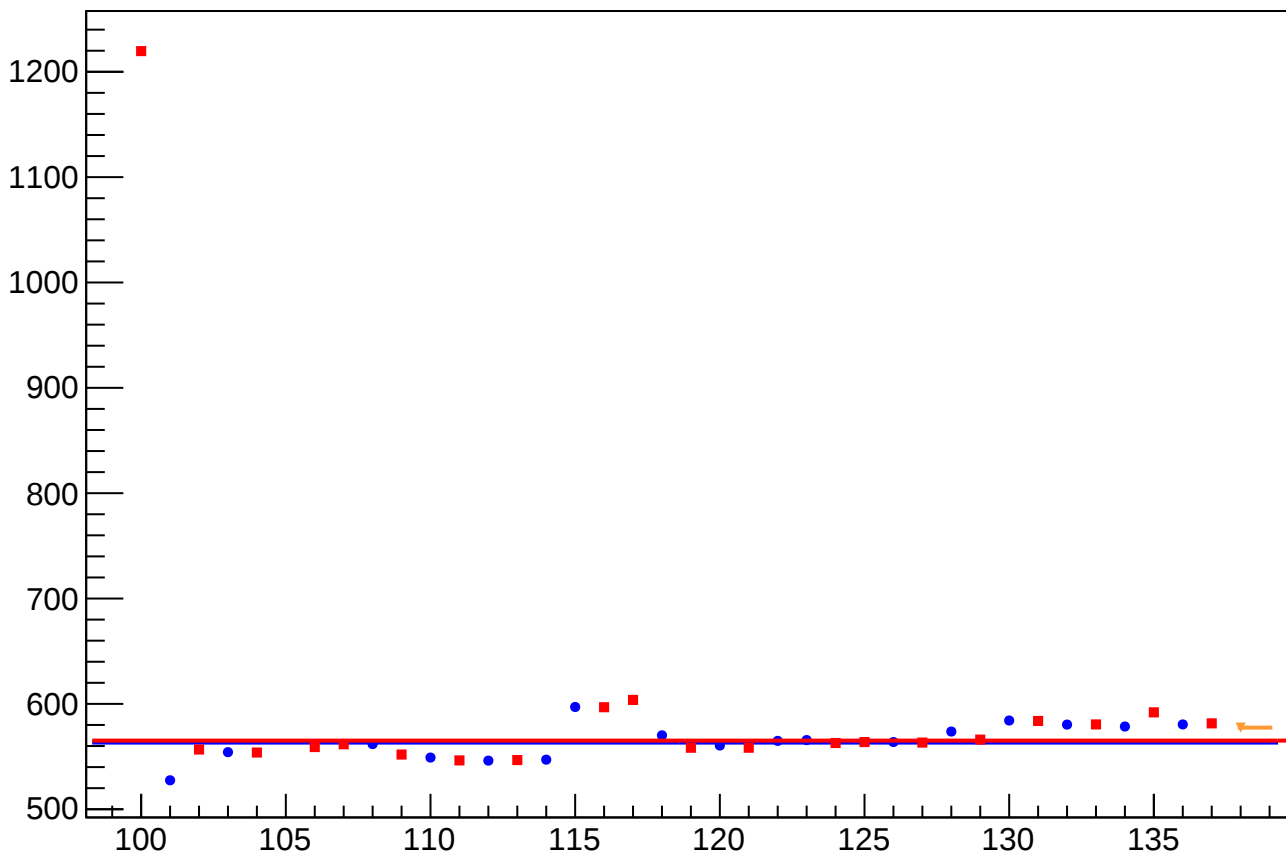
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1207.505 $\pm$ 207.492 χ^2 /NDF: 16.0/17

1118.773 $\pm$ 147.951 χ^2 /NDF: 30.2/37

1026.996 $\pm$ 211.021 χ^2 /NDF: 13.8/19

reg_asym_right_avg_rms vs Slug, Sign Corrected



Right In: 563.266 $\pm$ 0.154 χ^2 /NDF: 12520.3/16

Left Out: 577.476 $\pm$ 0.476 χ^2 /NDF: 0.0/0

Right Out: 565.150 $\pm$ 0.149 χ^2 /NDF: 49653.1/19

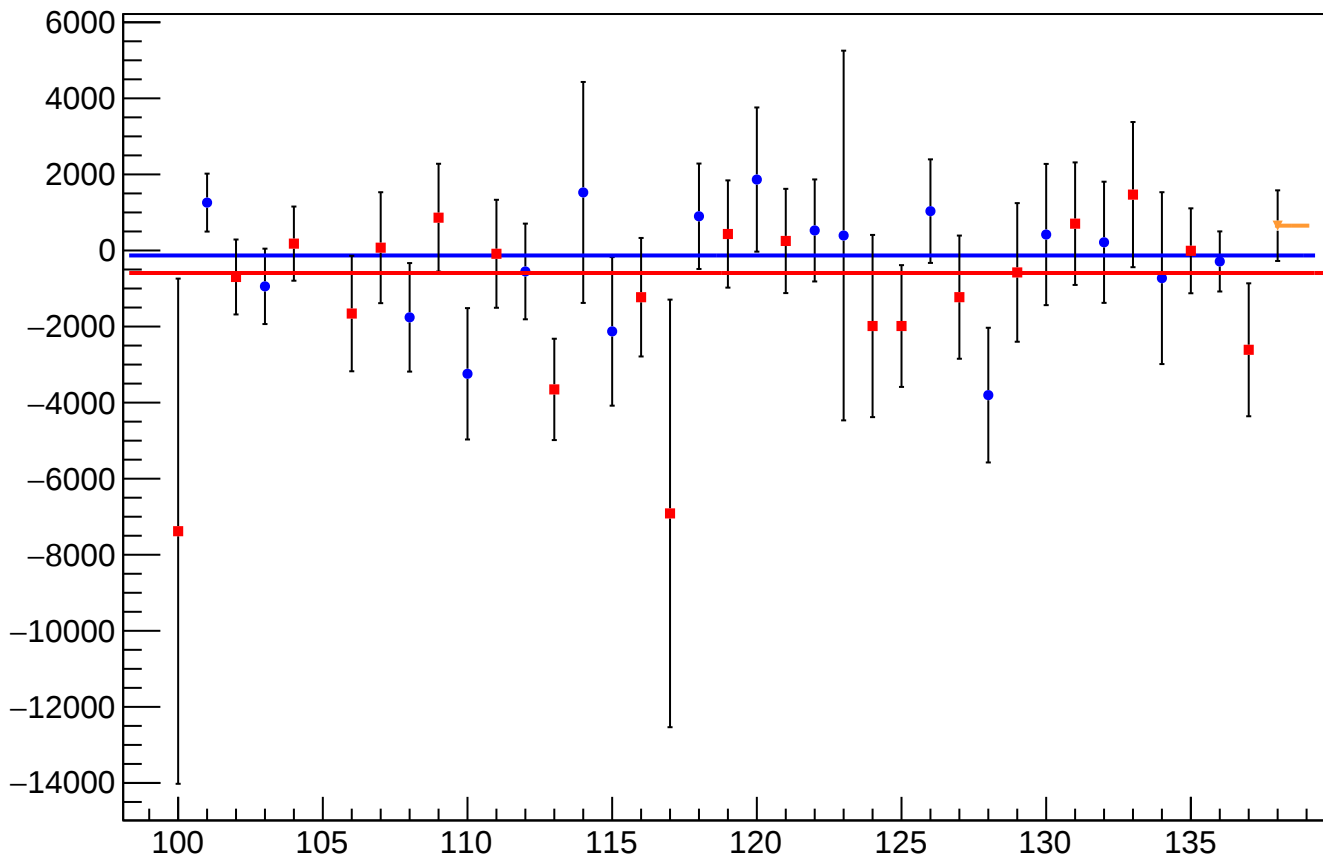
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

564.615 $\pm$ 0.147 χ^2 /NDF: 13326.5/17

564.878 $\pm$ 0.105 χ^2 /NDF: 62986.2/37

565.150 $\pm$ 0.149 χ^2 /NDF: 49653.1/19

asym_right_avg_correction_mean vs Slug, Sign Corrected



Right In: -131.097+/-327.588 χ^2/NDF : 17.2/16

Left Out: 652.832+/-928.488 χ^2/NDF : 0.0/0

Right Out: -591.948+/-331.825 χ^2/NDF : 15.9/19

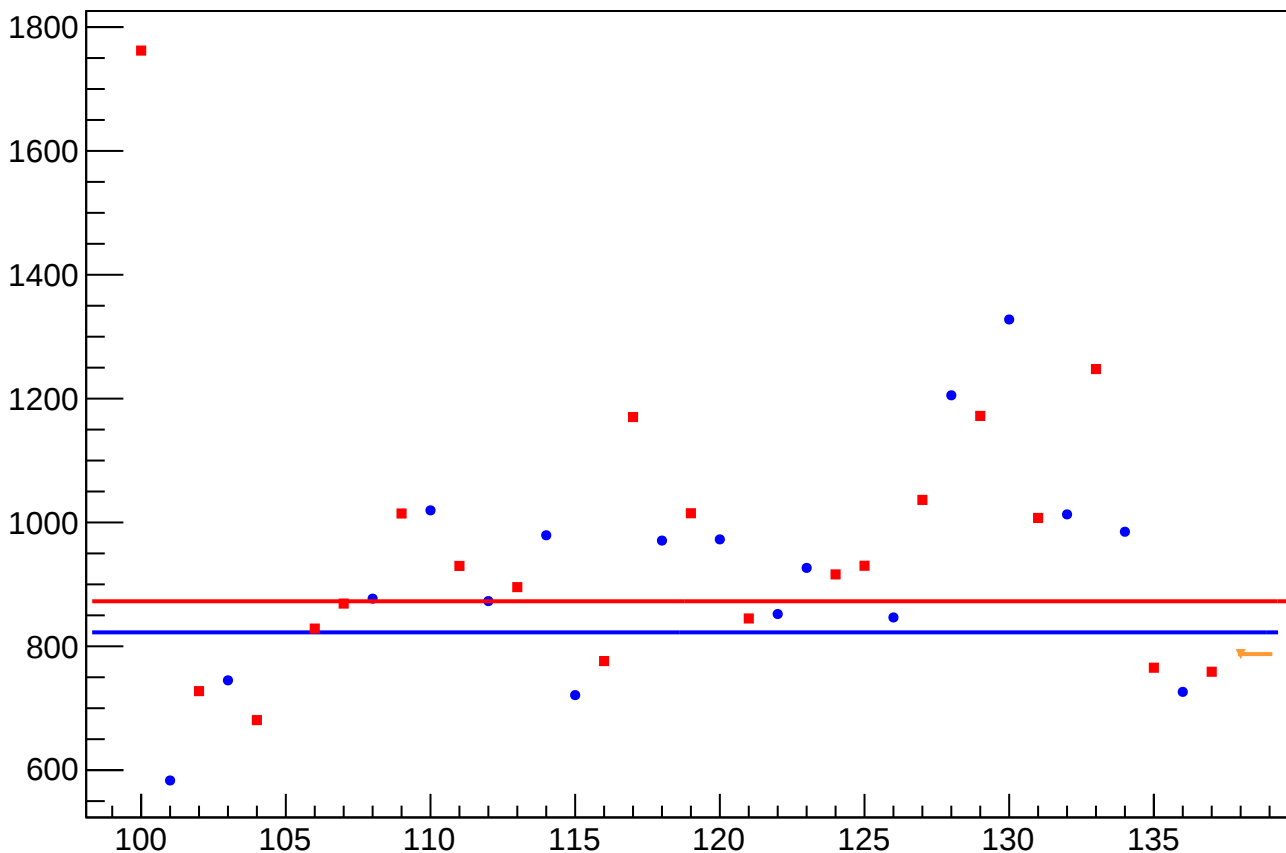
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-44.316+/-308.924 χ^2/NDF : 17.9/17

-298.584+/-226.105 χ^2/NDF : 35.2/37

-591.948+/-331.825 χ^2/NDF : 15.9/19

asym_right_avg_correction_rms vs Slug, Sign Corrected



Right In: 822.527+/-0.232 χ^2/NDF : 600956.1/16

Left Out: 787.433+/-0.657 χ^2/NDF : 0.0/0

Right Out: 872.719+/-0.235 χ^2/NDF : 412481.2/19

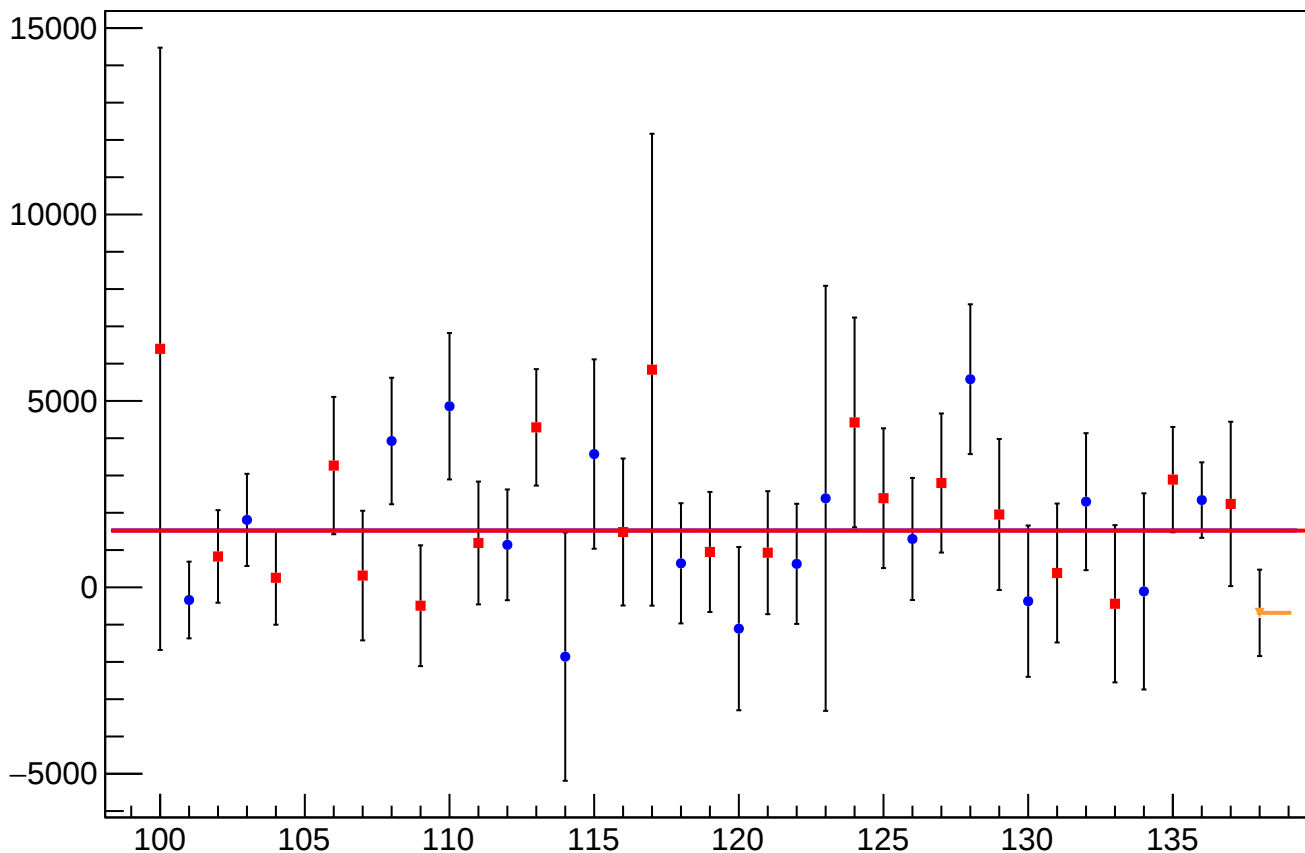
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

818.642+/-0.218 χ^2/NDF : 603497.1/17

843.750+/-0.160 χ^2/NDF : 1044433.7/37

872.719+/-0.235 χ^2/NDF : 412481.2/19

asym_right_avg_mean vs Slug, Sign Corrected



Right In: 1525.470+/-401.784 χ^2/NDF : 18.2/16

Left Out: -684.499+/-1158.998 χ^2/NDF : 0.0/0

Right Out: 1521.641+/-399.157 χ^2/NDF : 12.6/19

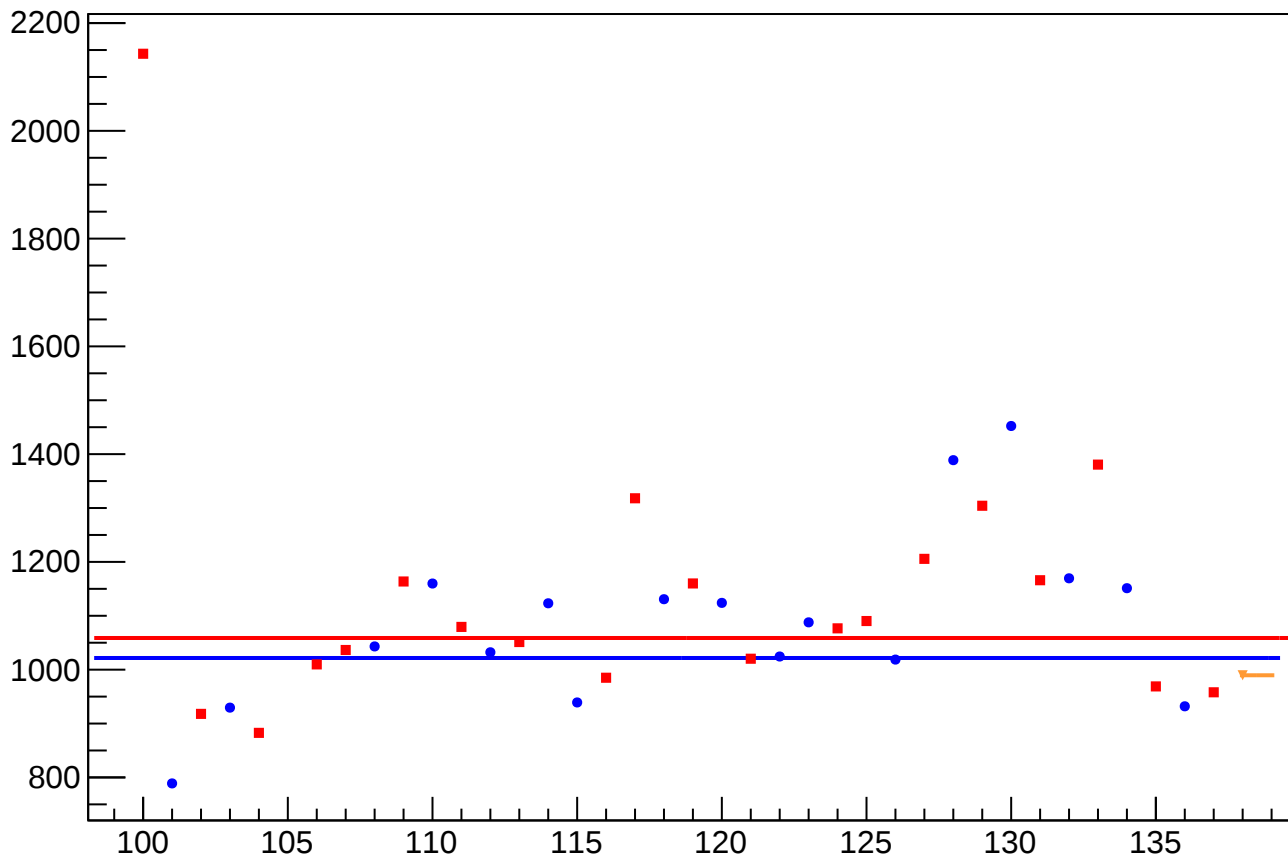
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1288.377+/-379.620 χ^2/NDF : 21.5/17

1399.161+/-275.079 χ^2/NDF : 34.2/37

1521.641+/-399.157 χ^2/NDF : 12.6/19

asym_right_avg_rms vs Slug, Sign Corrected



Right In: 1021.665+/-0.284 χ^2/NDF : 331949.3/16

Left Out: 989.584+/-0.820 χ^2/NDF : 0.0/0

Right Out: 1058.783+/-0.282 χ^2/NDF : 234314.8/19

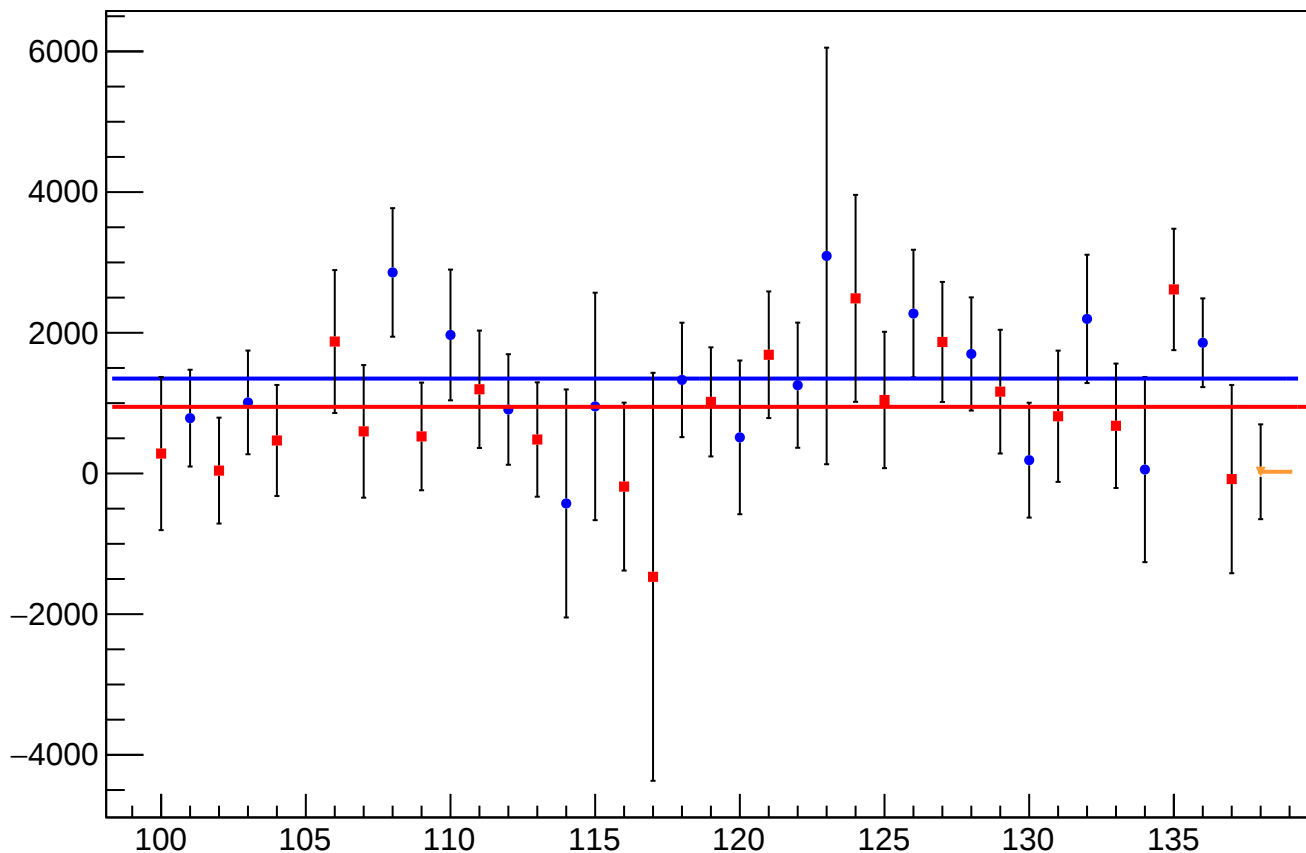
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1018.223+/-0.268 χ^2/NDF : 333317.2/17

1037.486+/-0.195 χ^2/NDF : 578475.3/37

1058.783+/-0.282 χ^2/NDF : 234314.8/19

reg_asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1349.156 $\pm$ 218.361 χ^2 /NDF: 12.3/16

Left Out: 24.372 $\pm$ 674.105 χ^2 /NDF: 0.0/0

Right Out: 947.051 $\pm$ 207.609 χ^2 /NDF: 12.9/19

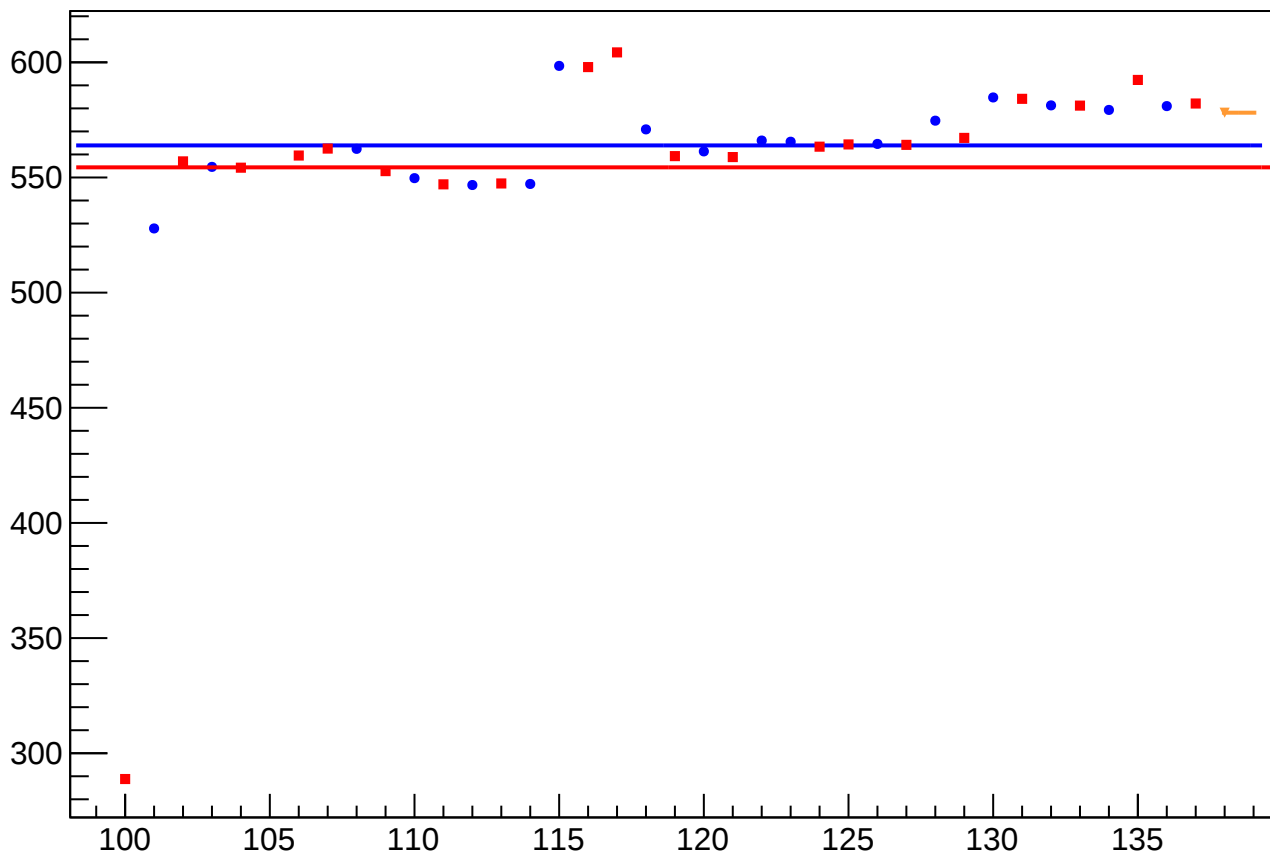
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1223.348 $\pm$ 207.735 χ^2 /NDF: 15.8/17

1085.116 $\pm$ 146.846 χ^2 /NDF: 29.6/37

947.051 $\pm$ 207.609 χ^2 /NDF: 12.9/19

reg_asym_right_dd_rms vs Slug, Sign Corrected



Right In: 563.922 $\pm$ 0.154 χ^2 /NDF: 12663.1/16

Left Out: 578.134 $\pm$ 0.477 χ^2 /NDF:0.0/0

Right Out: 554.402 $\pm$ 0.147 χ^2 /NDF: 132560.6/19

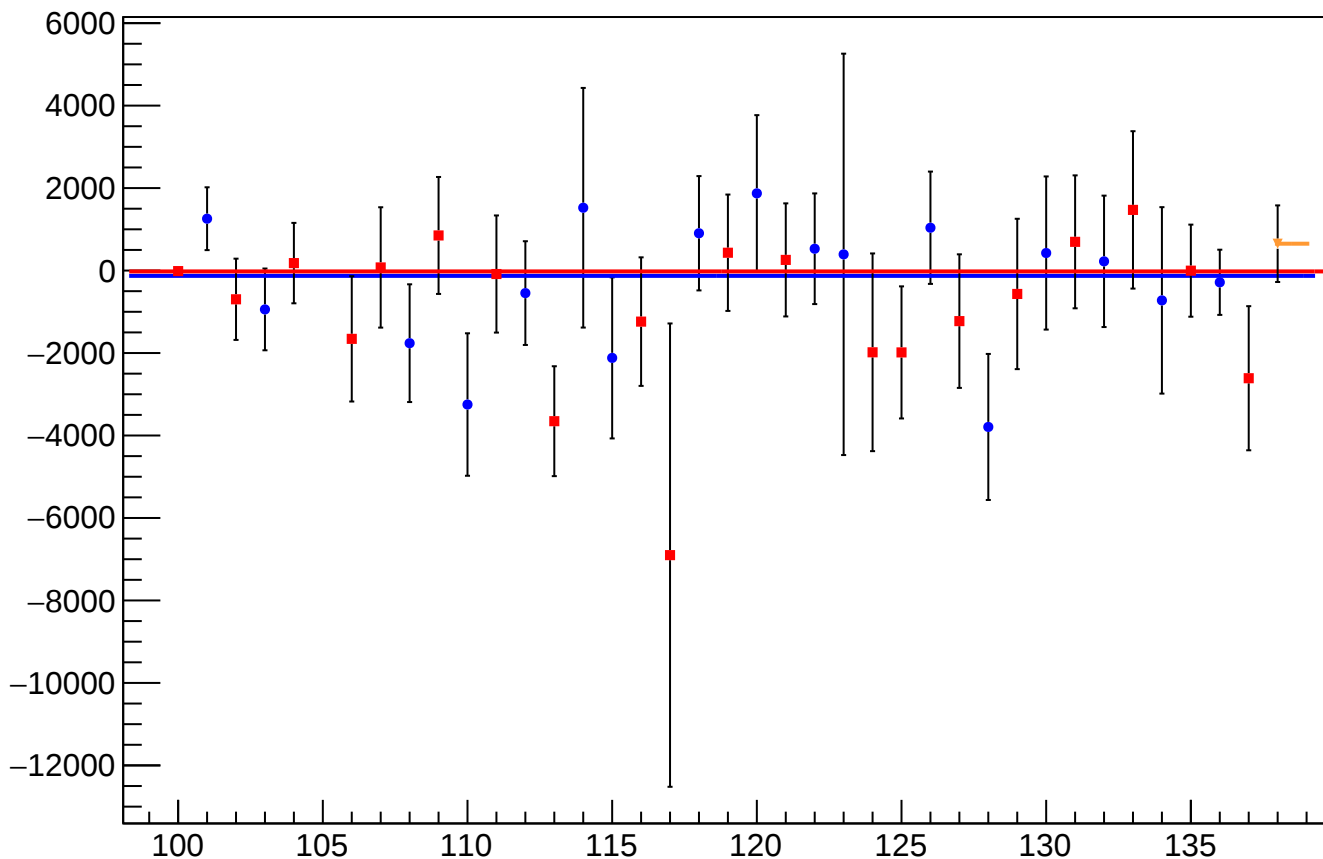
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

565.272 $\pm$ 0.147 χ^2 /NDF: 13467.6/17

559.834 $\pm$ 0.104 χ^2 /NDF: 148768.1/37

554.402 $\pm$ 0.147 χ^2 /NDF: 132560.6/19

asym_right_dd_correction_mean vs Slug, Sign Corrected



Right In: -128.725+/-327.688 χ^2/NDF : 17.2/16

Left Out: 651.326+/-928.907 χ^2/NDF : 0.0/0

Right Out: -20.715+/-38.953 χ^2/NDF : 17.6/19

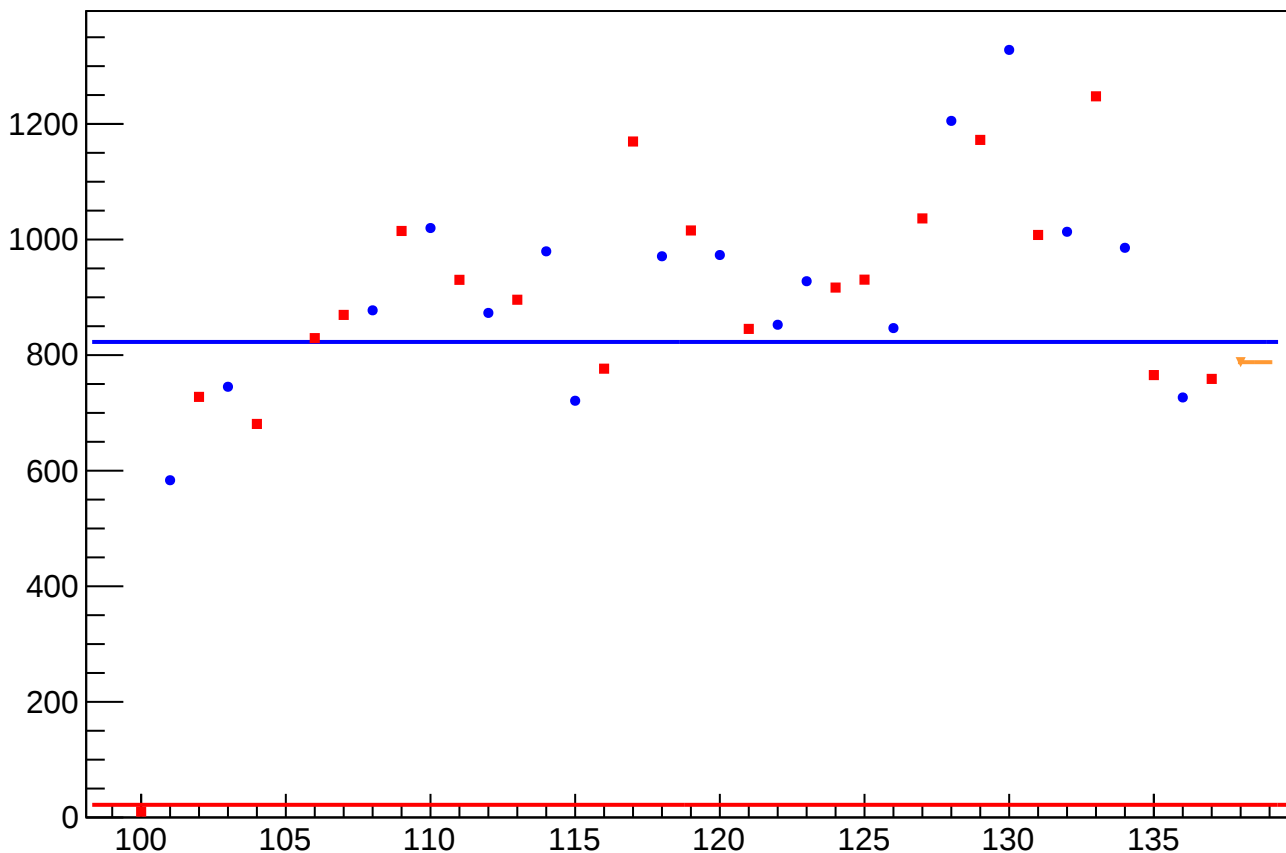
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-42.395+/-309.023 χ^2/NDF : 17.8/17

-21.054+/-38.647 χ^2/NDF : 35.4/37

-20.715+/-38.953 χ^2/NDF : 17.6/19

asym_right_dd_correction_rms vs Slug, Sign Corrected



Right In: 822.780+/-0.232 χ^2/NDF : 600873.9/16

Left Out: 787.769+/-0.657 χ^2/NDF : 0.0/0

Right Out: 21.867+/-0.028 χ^2/NDF : 13607091.0/19

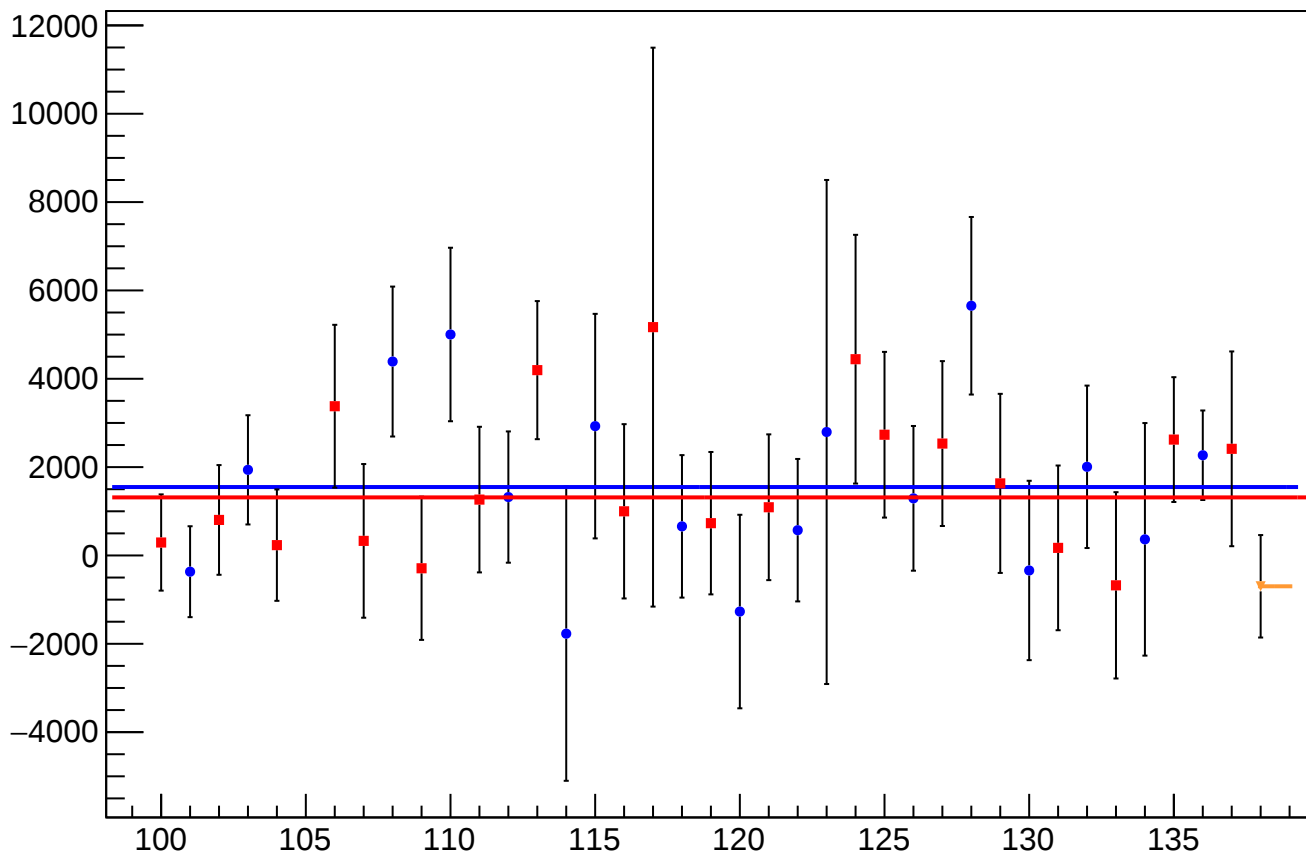
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

818.905+/-0.219 χ^2/NDF : 603400.5/17

34.334+/-0.027 χ^2/NDF : 27307091.5/37

21.867+/-0.028 χ^2/NDF : 13607091.0/19

asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1548.873 $\pm$ 402.008 χ^2 /NDF: 19.0/16

Left Out: -698.107 $\pm$ 1159.824 χ^2 /NDF: 0.0/0

Right Out: 1314.562 $\pm$ 375.381 χ^2 /NDF: 12.9/19

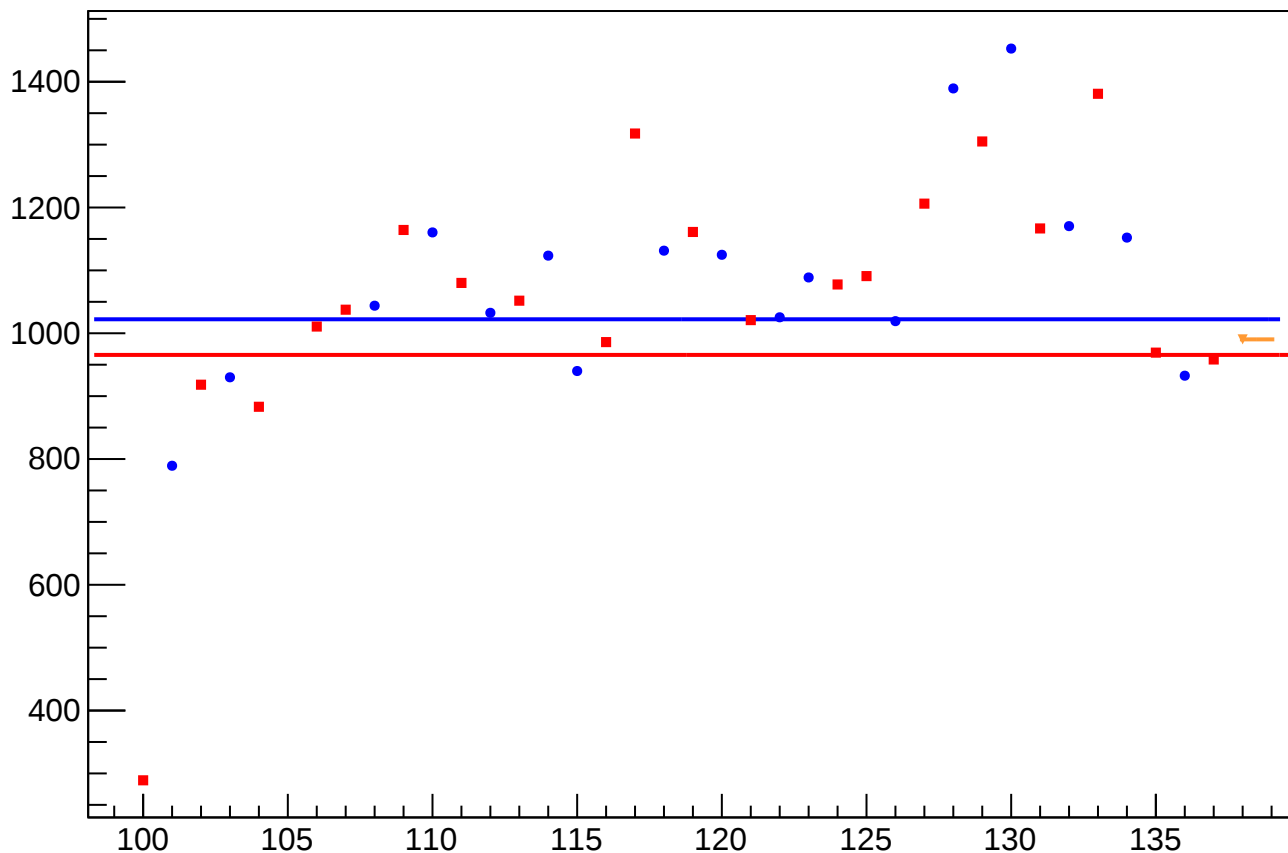
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1307.875 $\pm$ 379.839 χ^2 /NDF: 22.3/17

1311.258 $\pm$ 266.996 χ^2 /NDF: 35.2/37

1314.562 $\pm$ 375.381 χ^2 /NDF: 12.9/19

asym_right_dd_rms vs Slug, Sign Corrected



Right In: 1022.241 $\pm$ 0.284 χ^2 /NDF: 331865.9/16

Left Out: 990.284 $\pm$ 0.820 χ^2 /NDF: 0.0/0

Right Out: 965.574 $\pm$ 0.265 χ^2 /NDF: 1073497.1/19

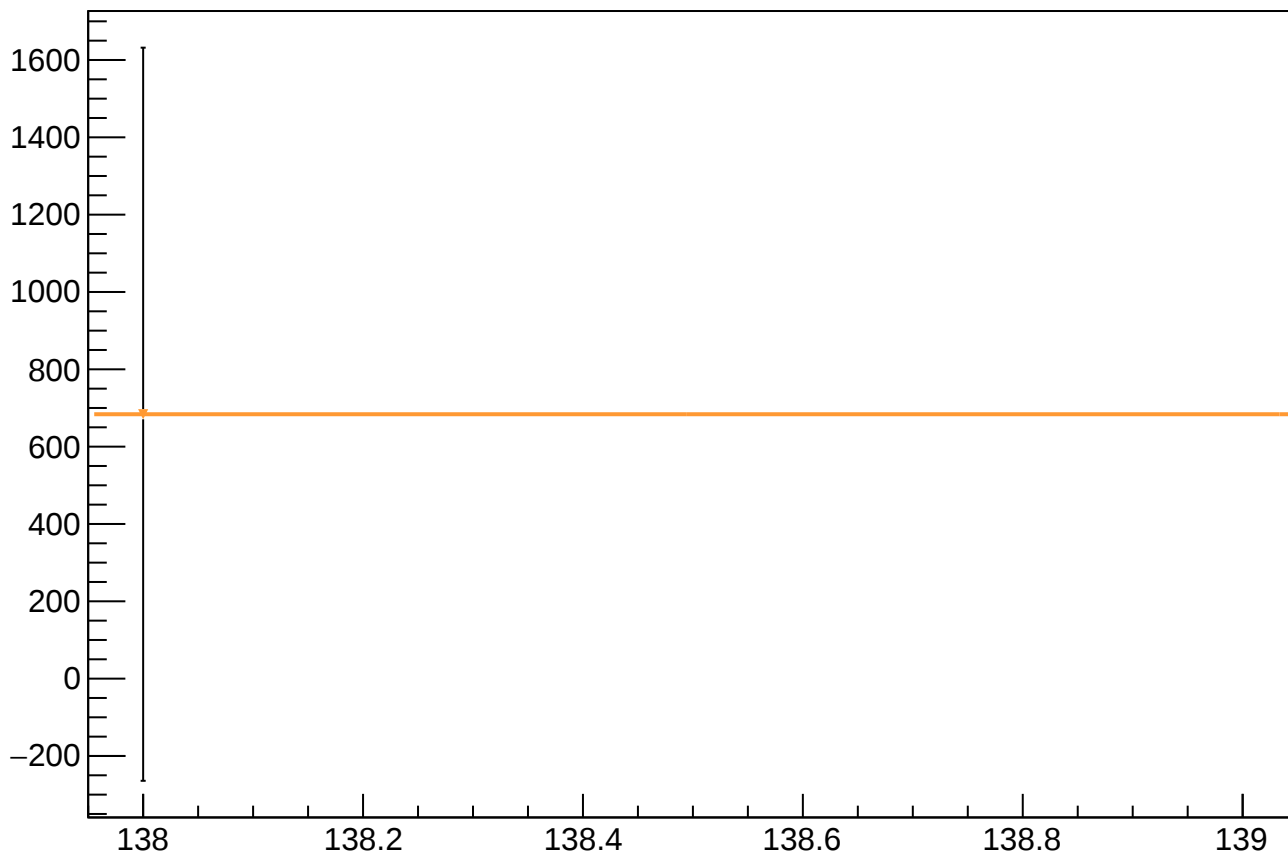
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1018.814 $\pm$ 0.269 χ^2 /NDF: 333221.4/17

991.880 $\pm$ 0.189 χ^2 /NDF: 1426596.8/37

965.574 $\pm$ 0.265 χ^2 /NDF: 1073497.1/19

cor_asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 683.821+/-948.043 χ^2/NDF : 0.0/0

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

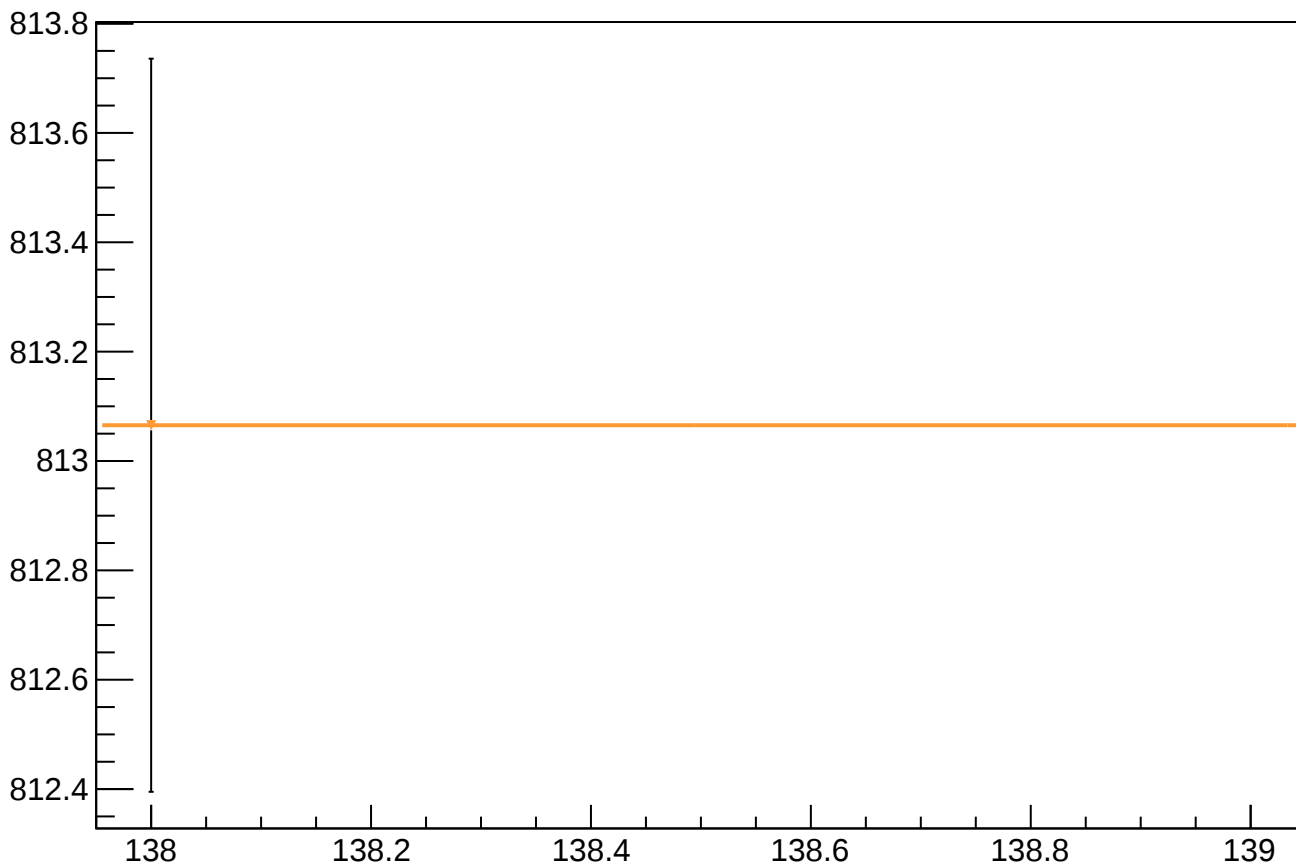
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

683.821+/-948.043 χ^2/NDF : 0.0/0

683.821+/-948.043 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 813.065+/-0.670 χ^2/NDF : 0.0/0

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

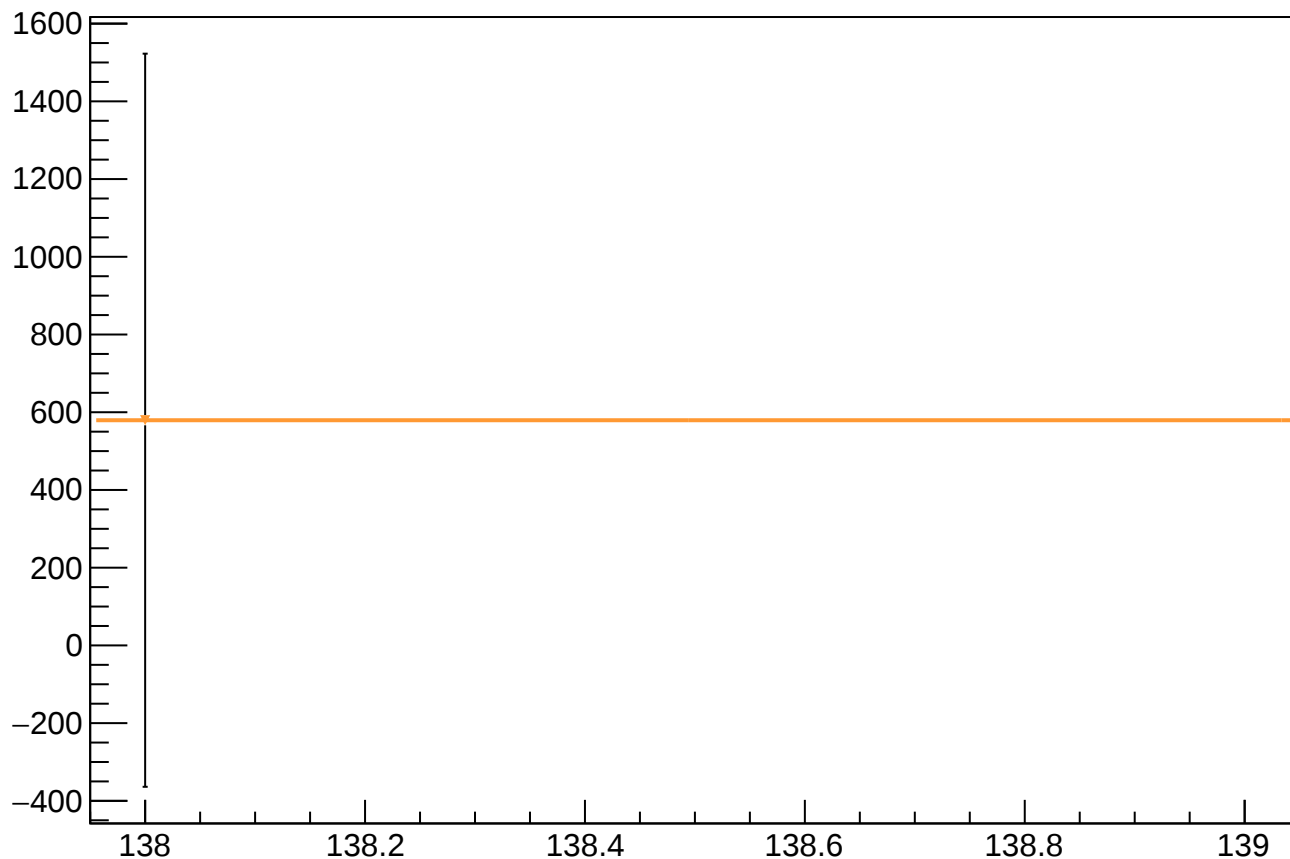
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

813.065+/-0.670 χ^2/NDF : 0.0/0

813.065+/-0.670 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 579.419+/-943.249 χ^2/NDF : 0.0/0

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

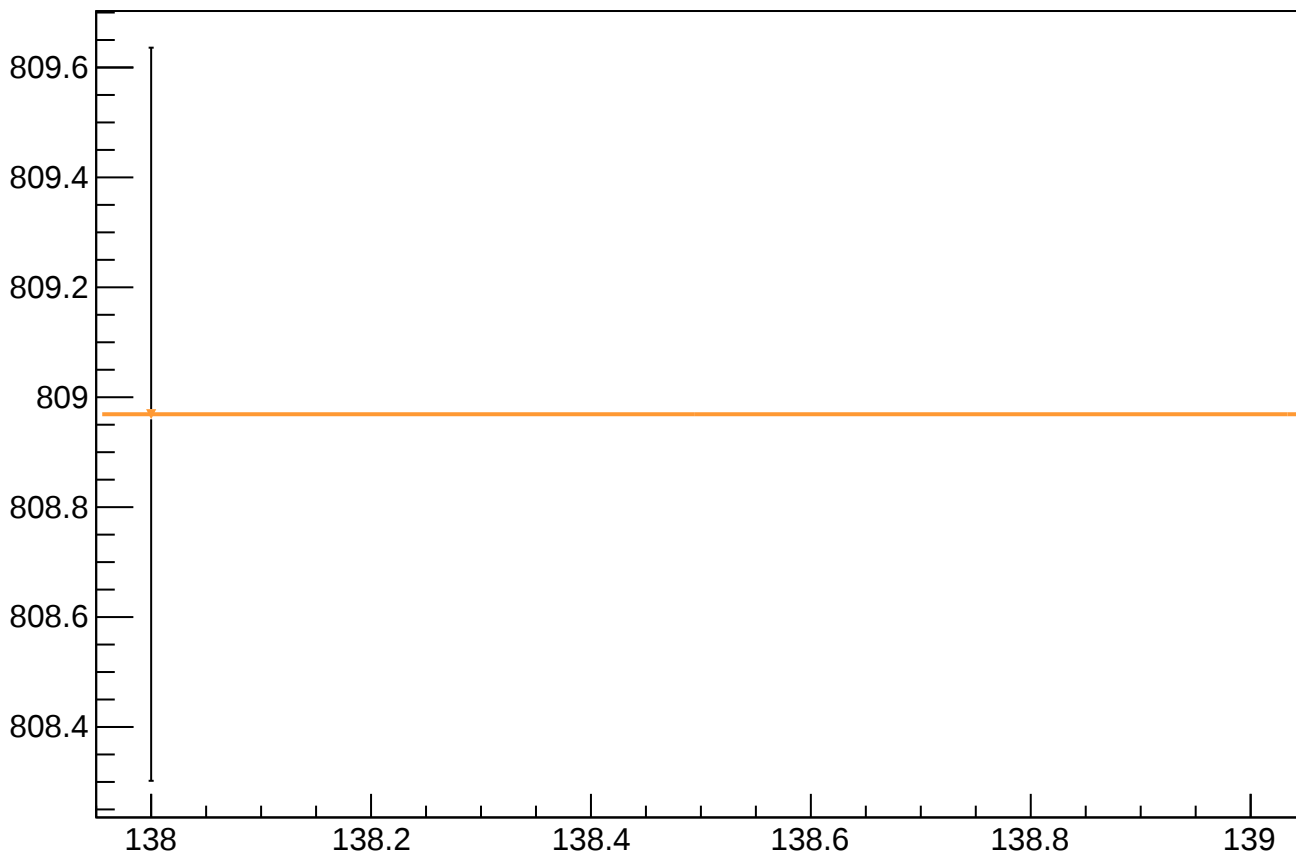
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

579.419+/-943.249 χ^2/NDF : 0.0/0

579.419+/-943.249 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 808.969+/-0.667 χ^2/NDF : 0.0/0

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

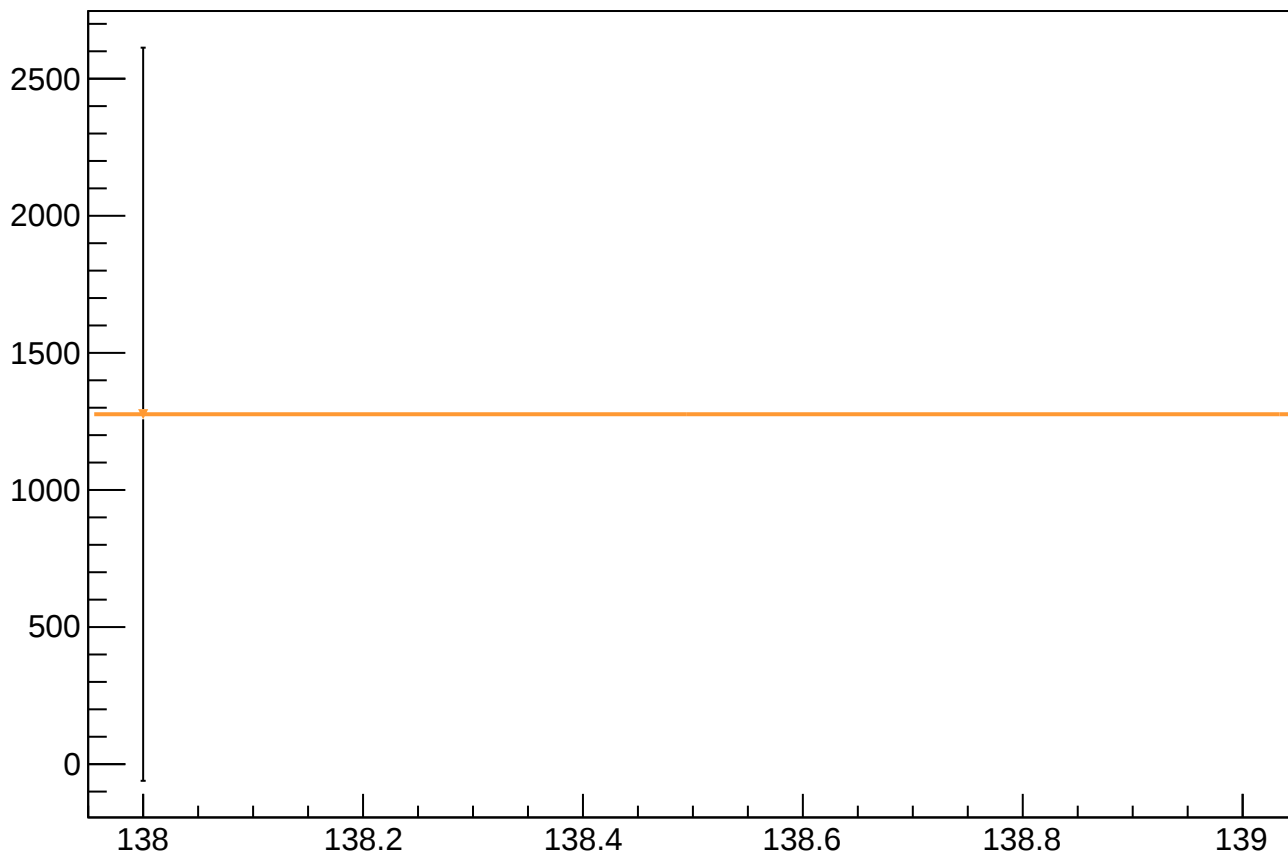
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

808.969+/-0.667 χ^2/NDF : 0.0/0

808.969+/-0.667 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1276.244+/-1336.917 χ^2/NDF : 0.0/0

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

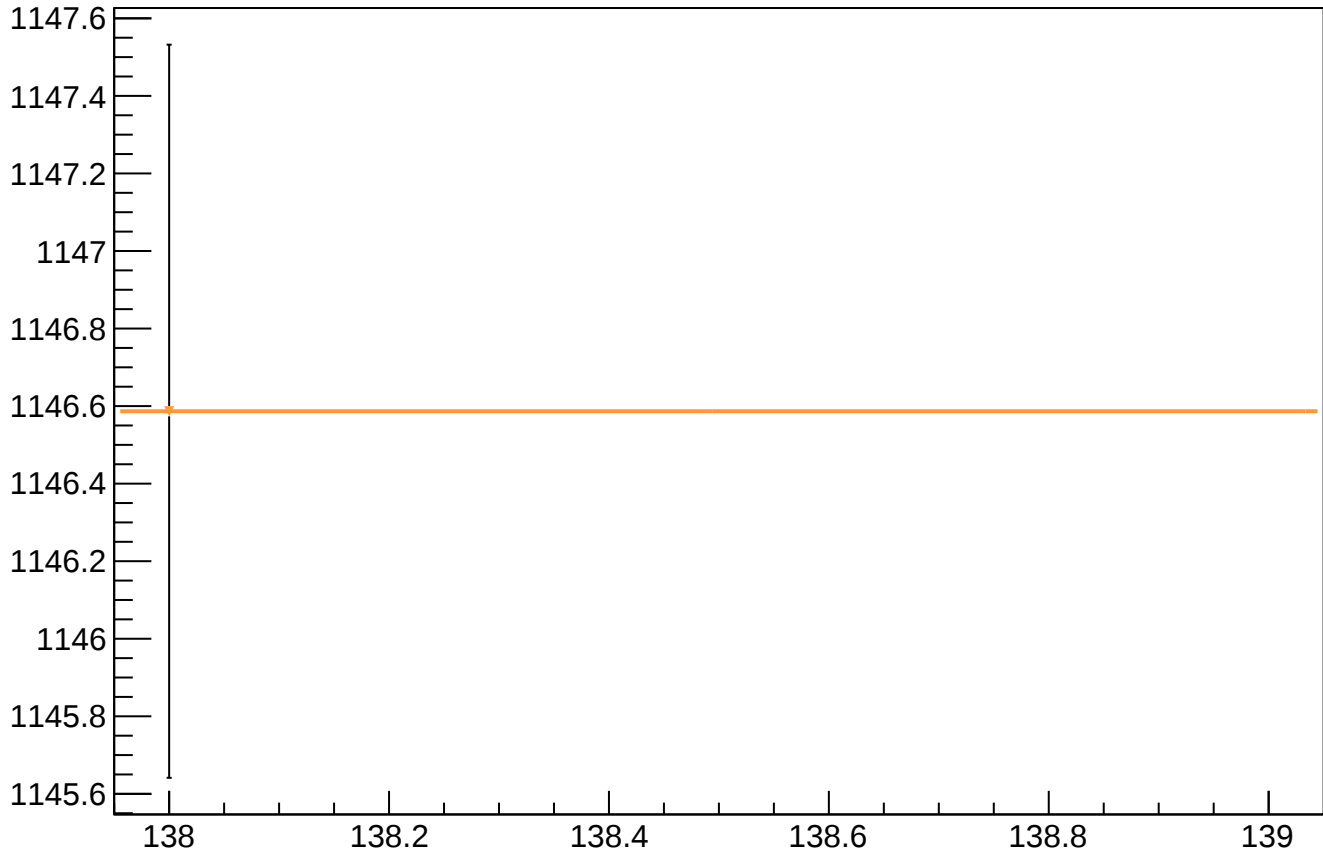
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1276.244+/-1336.917 χ^2/NDF : 0.0/0

1276.244+/-1336.917 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1146.587+/-0.945 χ^2/NDF : 0.0/0

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

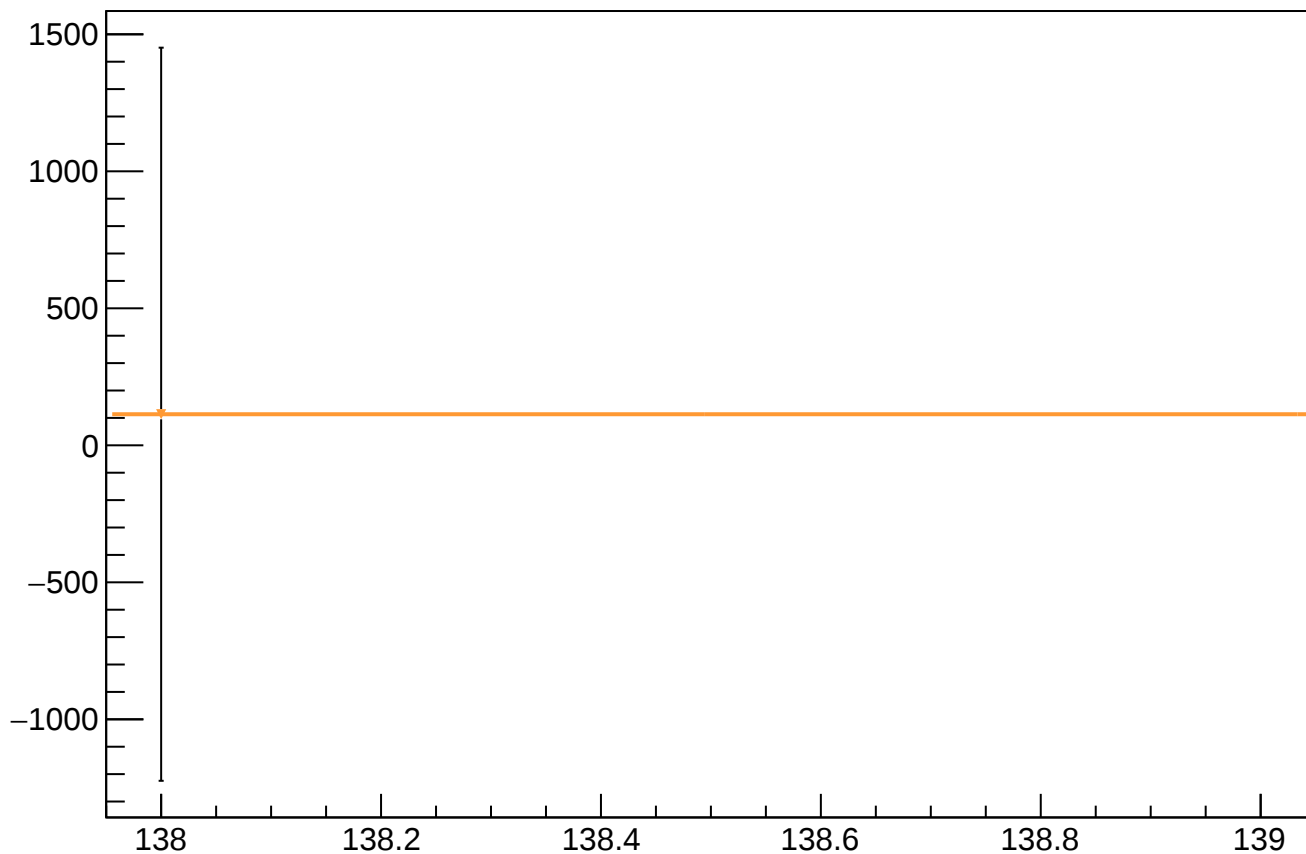
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1146.587+/-0.945 χ^2/NDF : 0.0/0

1146.587+/-0.945 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 113.423+/-1337.793 χ^2/NDF : 0.0/0

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

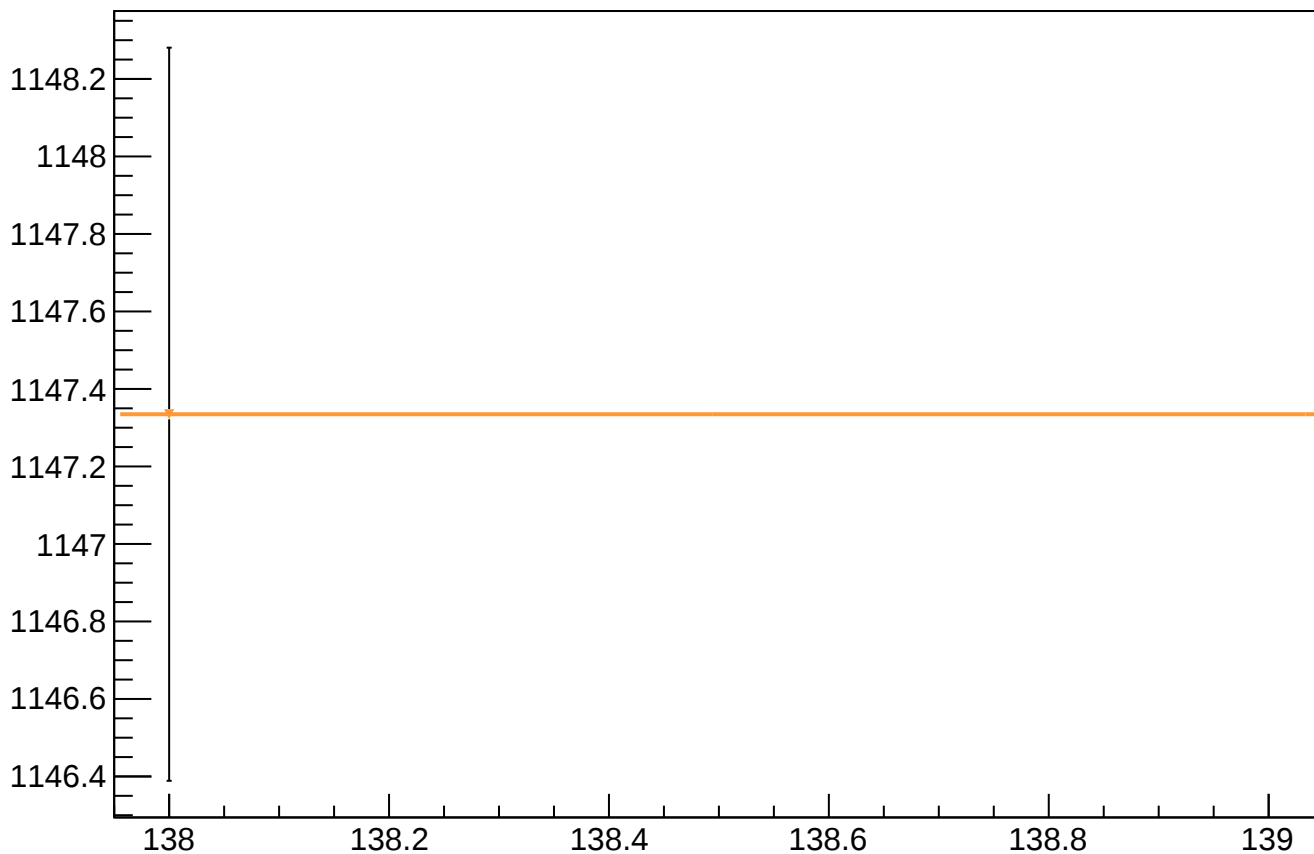
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

113.423+/-1337.793 χ^2/NDF : 0.0/0

113.423+/-1337.793 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1147.335+/-0.946 χ^2/NDF : 0.0/0

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

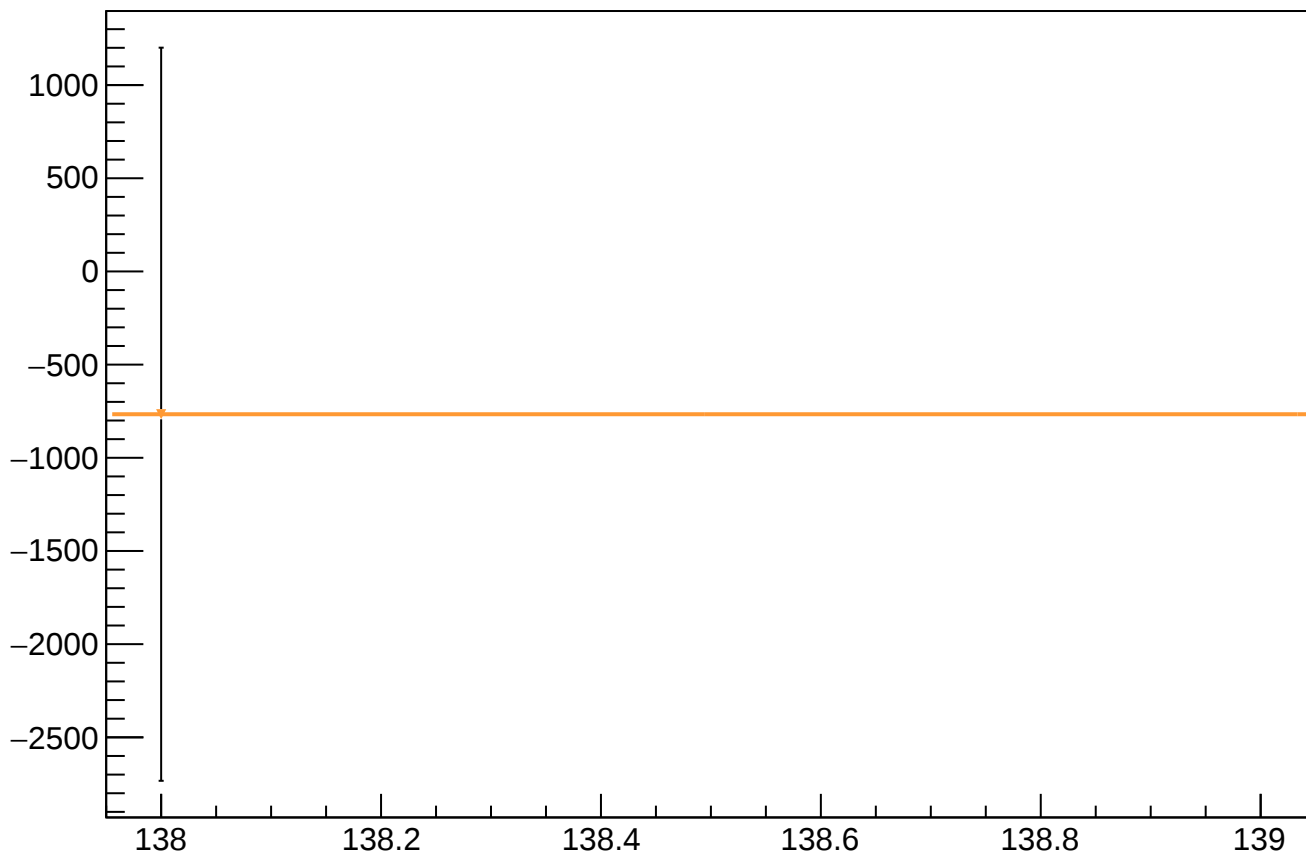
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1147.335+/-0.946 χ^2/NDF : 0.0/0

1147.335+/-0.946 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_agg_avg_mean vs Slug, Sign Corrected



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

Left Out: -766.254+/-1967.001 χ^2/NDF : 0.0/0

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

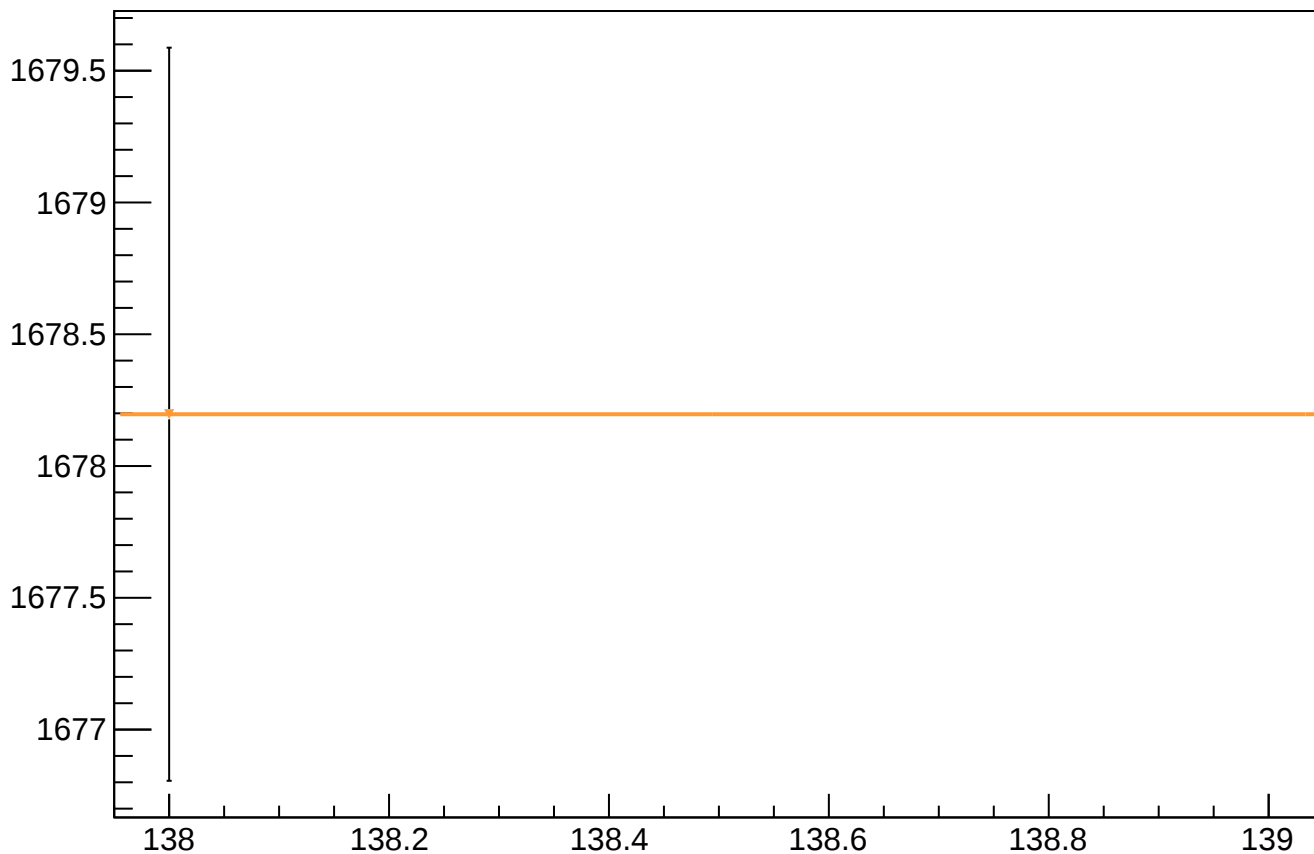
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-766.254+/-1967.001 χ^2/NDF : 0.0/0

-766.254+/-1967.001 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_agg_avg_rms vs Slug, Sign Corrected



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

Left Out: 1678.197+/-1.391 χ^2/NDF : 0.0/0

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

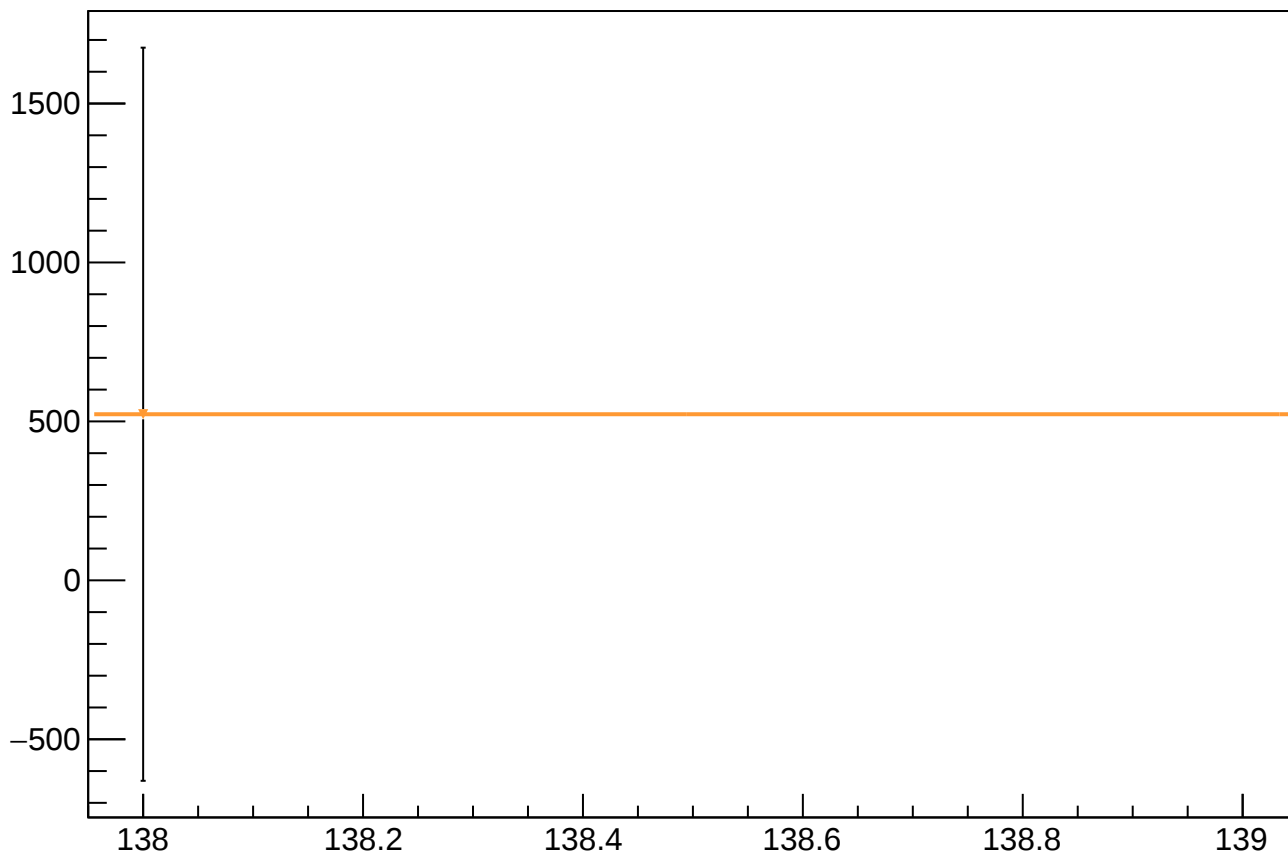
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1678.197+/-1.391 χ^2/NDF : 0.0/0

1678.197+/-1.391 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_agg_dd_mean vs Slug, Sign Corrected



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

Left Out: 522.542+/-1153.190 χ^2/NDF : 0.0/0

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

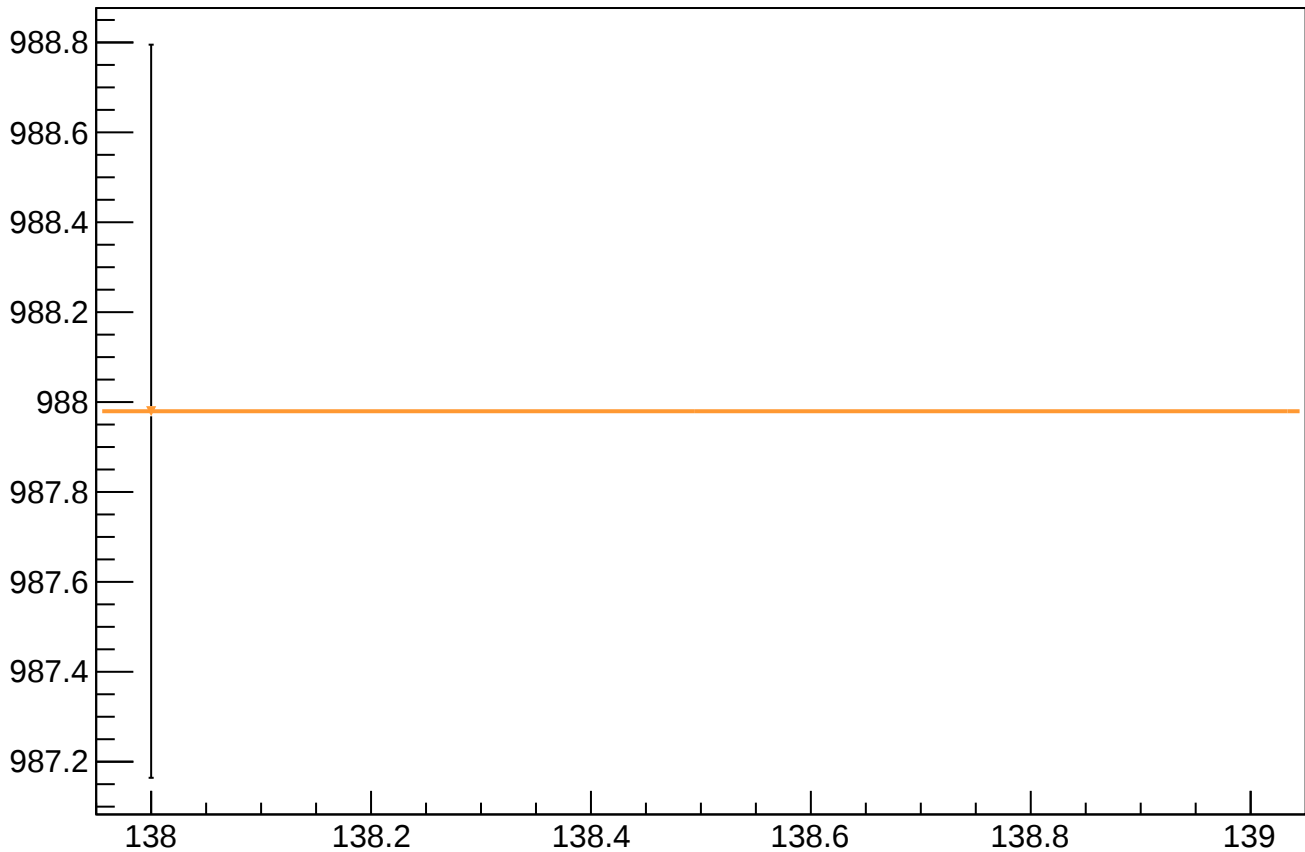
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

522.542+/-1153.190 χ^2/NDF : 0.0/0

522.542+/-1153.190 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_agg_dd_rms vs Slug, Sign Corrected



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

Left Out: 987.980+/-0.815 χ^2/NDF : 0.0/0

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

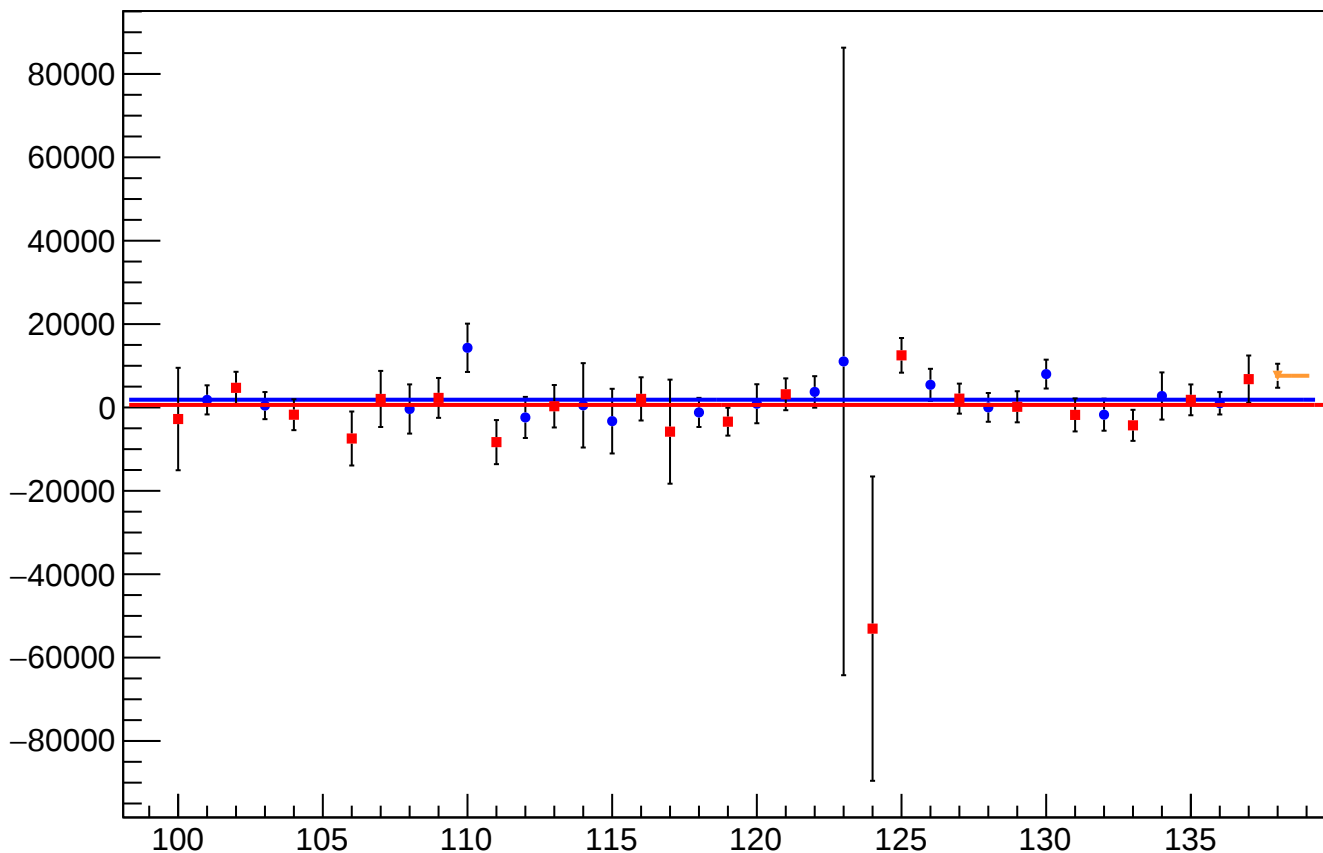
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

987.980+/-0.815 χ^2/NDF : 0.0/0

987.980+/-0.815 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: 1859.767 $\pm$ 1013.438 χ^2 /NDF: 12.5/16

Left Out: 7606.033 $\pm$ 2877.646 χ^2 /NDF: 0.0/0

Right Out: 611.041 $\pm$ 1020.345 χ^2 /NDF: 22.3/19

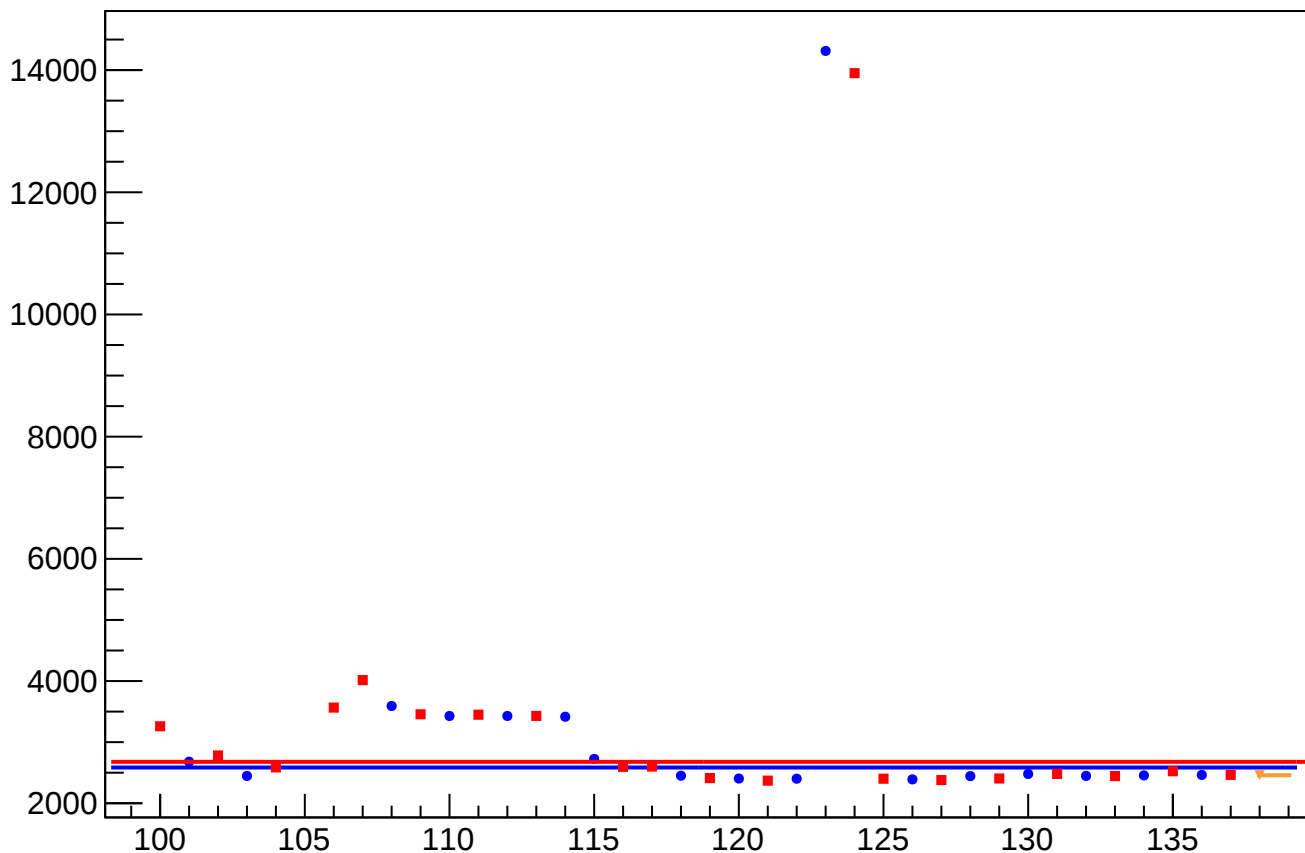
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2493.823 $\pm$ 955.891 χ^2 /NDF: 16.1/17

1613.773 $\pm$ 697.591 χ^2 /NDF: 40.2/37

611.041 $\pm$ 1020.345 χ^2 /NDF: 22.3/19

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2584.819+/-0.717 χ^2/NDF : 255710.5/16

Left Out: 2458.951+/-2.035 χ^2/NDF : 0.0/0

Right Out: 2677.711+/-0.721 χ^2/NDF : 532173.5/19

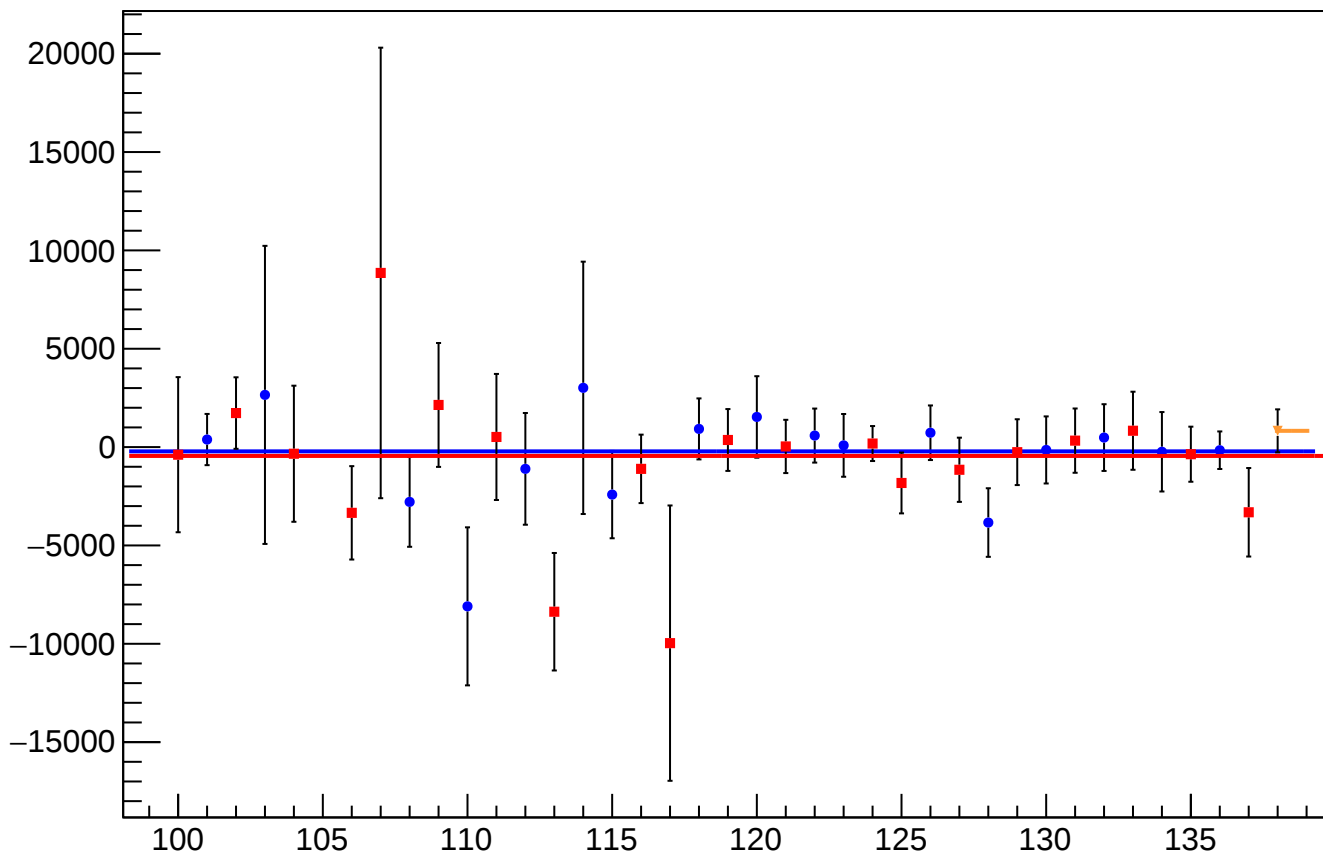
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2570.930+/-0.676 χ^2/NDF : 259114.6/17

2620.842+/-0.493 χ^2/NDF : 802953.6/37

2677.711+/-0.721 χ^2/NDF : 532173.5/19

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -217.017+/-420.077 χ^2/NDF : 13.4/16

Left Out: 826.291+/-1092.584 χ^2/NDF : 0.0/0

Right Out: -449.702+/-408.279 χ^2/NDF : 17.5/19

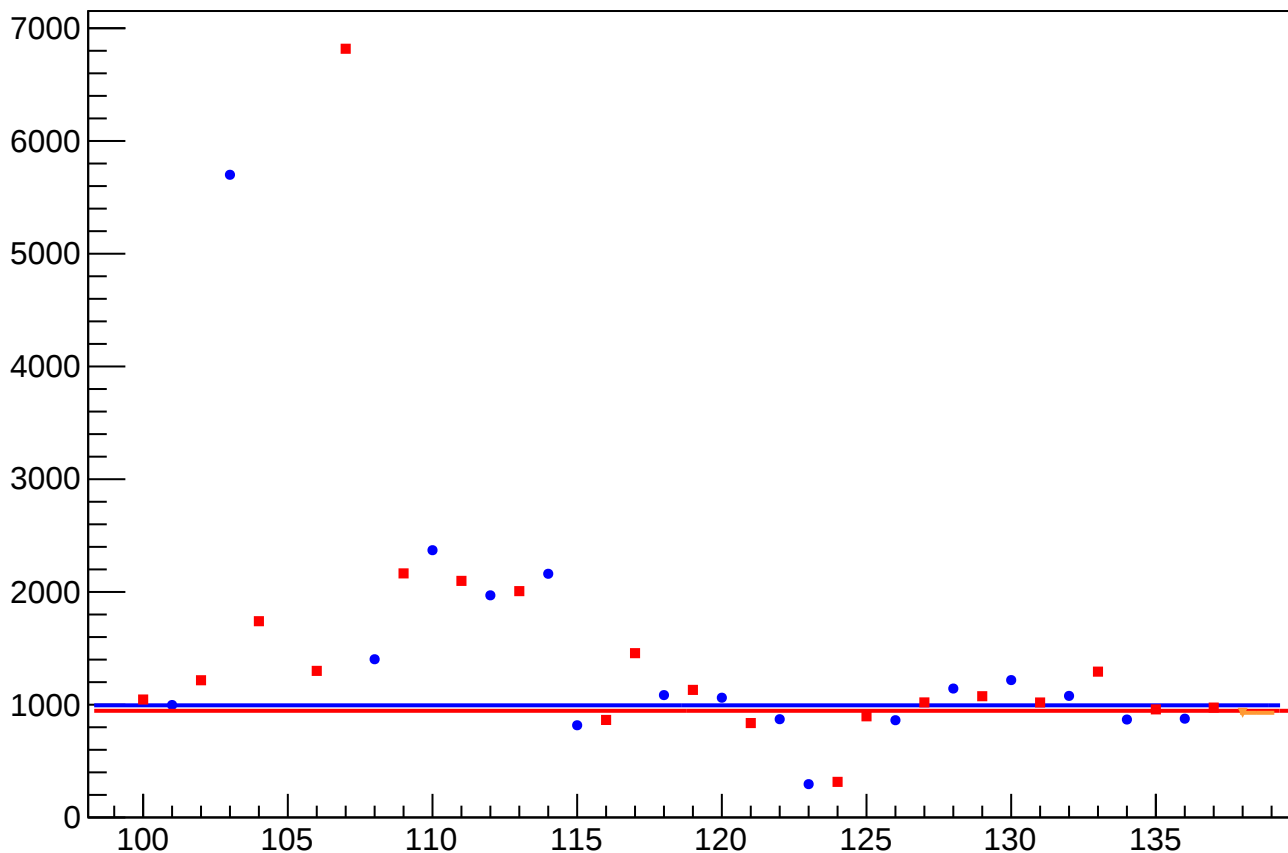
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-82.652+/-392.095 χ^2/NDF : 14.2/17

-258.758+/-282.802 χ^2/NDF : 32.1/37

-449.702+/-408.279 χ^2/NDF : 17.5/19

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 994.541+/-0.297 χ^2/NDF : 1904549.2/16

Left Out: 928.272+/-0.773 χ^2/NDF : 0.0/0

Right Out: 946.032+/-0.289 χ^2/NDF : 2676710.2/19

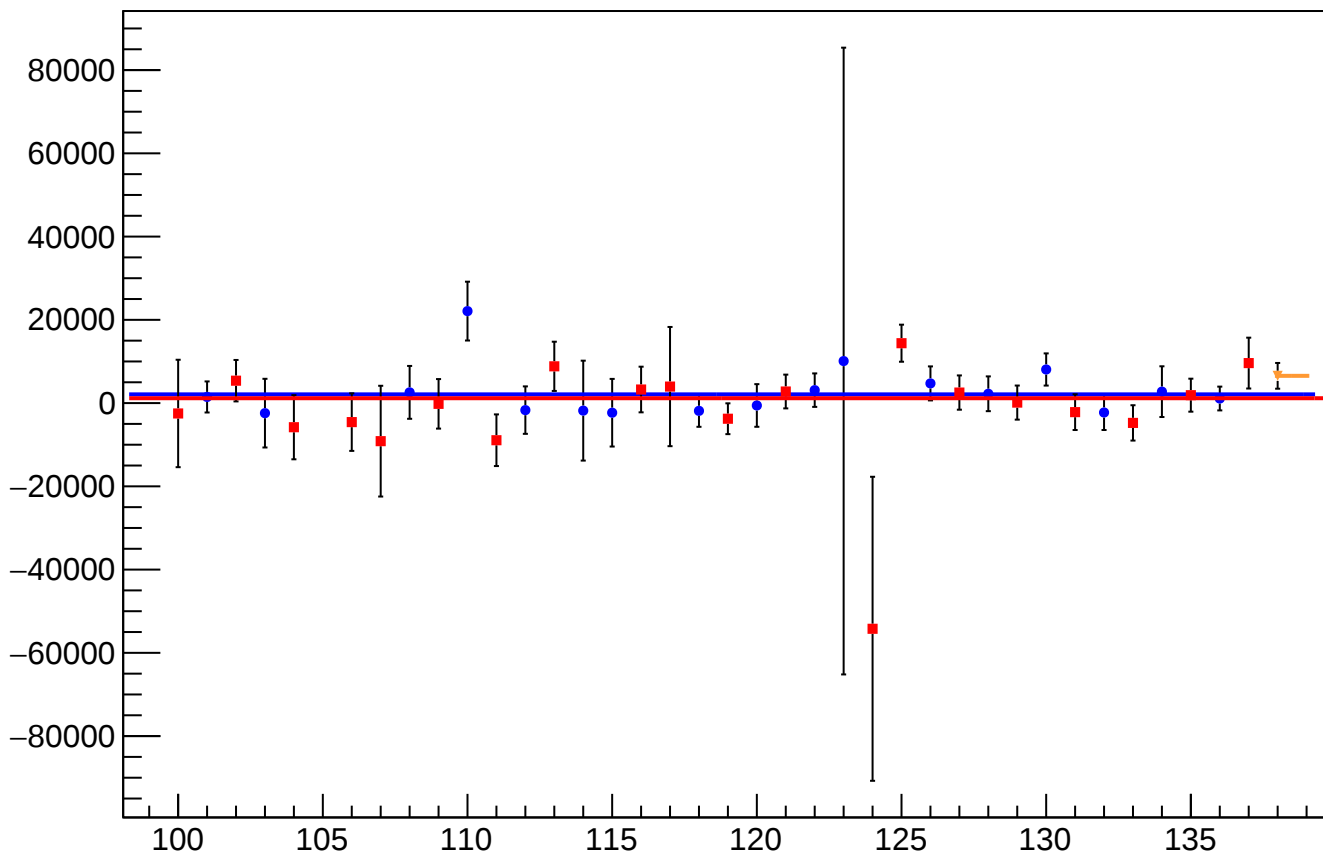
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

986.006+/-0.277 χ^2/NDF : 1910959.2/17

966.827+/-0.200 χ^2/NDF : 4597643.3/37

946.032+/-0.289 χ^2/NDF : 2676710.2/19

asym_atl1_mean vs Slug, Sign Corrected



Right In: 2094.050+/-1160.426 χ^2/NDF : 14.6/16

Left Out: 6546.310+/-3093.744 χ^2/NDF : 0.0/0

Right Out: 1167.038+/-1182.950 χ^2/NDF : 25.2/19

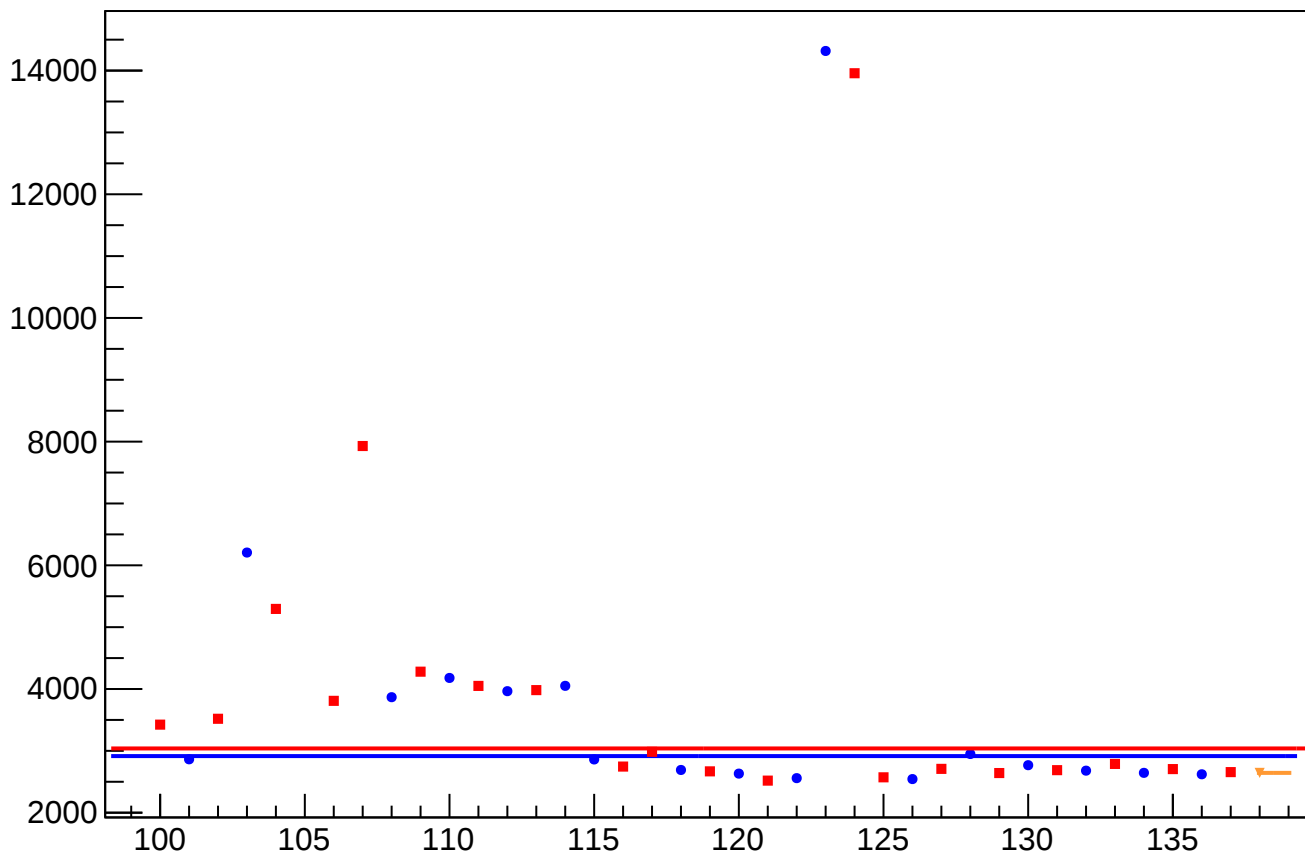
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2643.184+/-1086.509 χ^2/NDF : 16.4/17

1967.727+/-800.204 χ^2/NDF : 42.5/37

1167.038+/-1182.950 χ^2/NDF : 25.2/19

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2915.201+/-0.821 χ^2/NDF : 639136.4/16

Left Out: 2643.702+/-2.188 χ^2/NDF : 0.0/0

Right Out: 3038.763+/-0.836 χ^2/NDF : 1011412.5/19

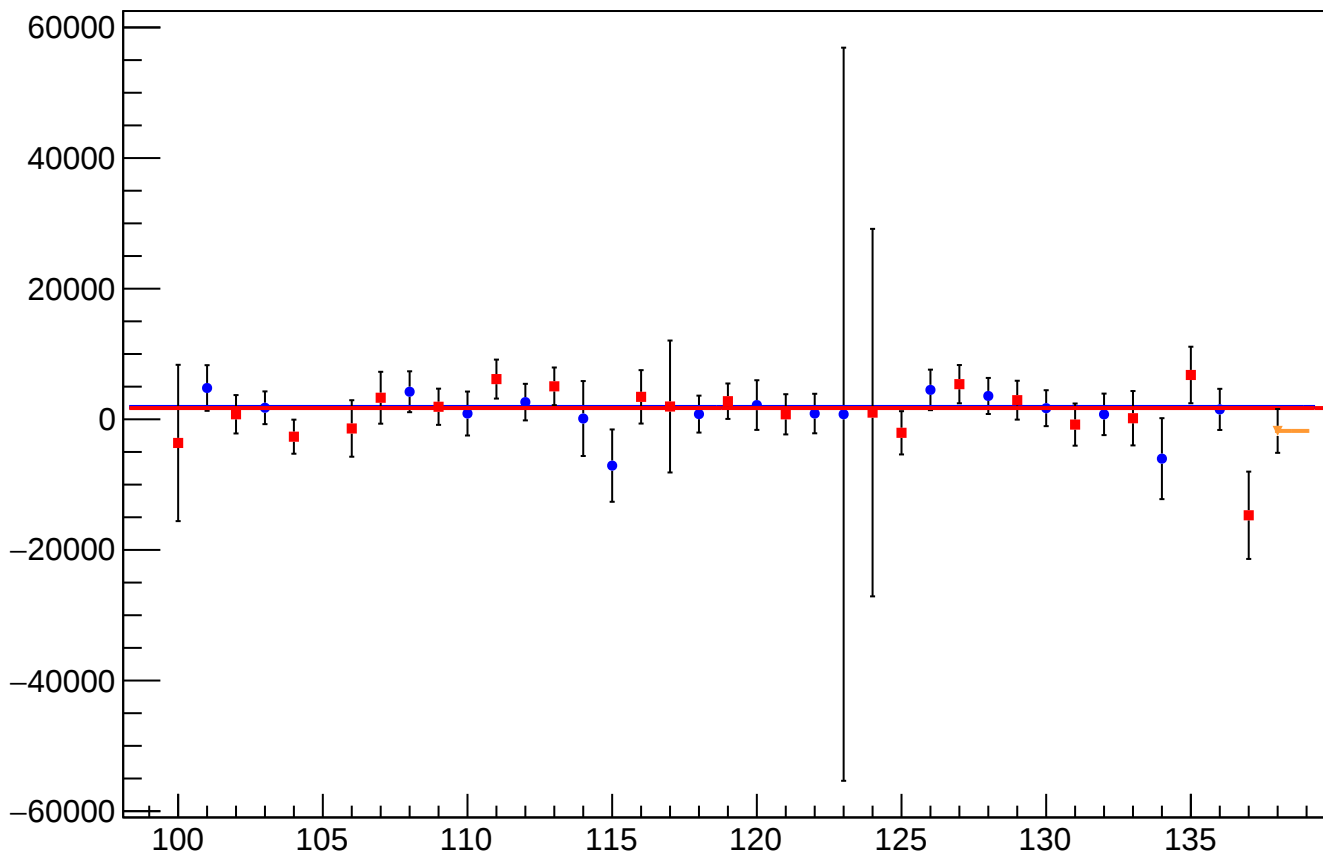
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2881.715+/-0.768 χ^2/NDF : 652639.3/17

2953.577+/-0.566 χ^2/NDF : 1683172.2/37

3038.763+/-0.836 χ^2/NDF : 1011412.5/19

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1889.943 $\pm$ 811.431 χ^2 /NDF: 7.3/16

Left Out: -1778.110 $\pm$ 3357.985 χ^2 /NDF: 0.0/0

Right Out: 1720.591 $\pm$ 787.704 χ^2 /NDF: 19.0/19

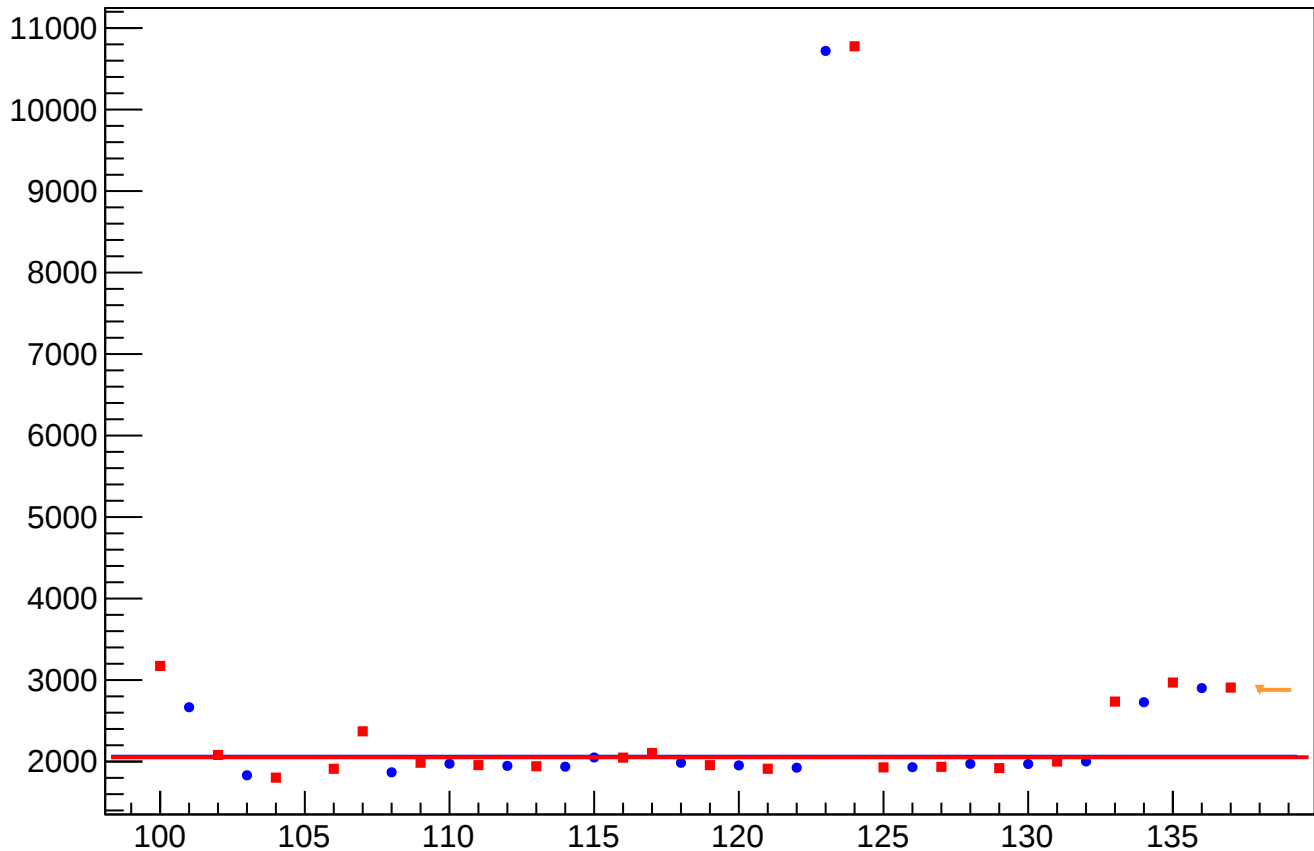
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1687.578 $\pm$ 788.730 χ^2 /NDF: 8.4/17

1704.106 $\pm$ 557.353 χ^2 /NDF: 27.4/37

1720.591 $\pm$ 787.704 χ^2 /NDF: 19.0/19

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2058.963+/-0.574 χ^2/NDF : 318561.5/16

Left Out: 2879.877+/-2.374 χ^2/NDF : 0.0/0

Right Out: 2052.576+/-0.557 χ^2/NDF : 443374.3/19

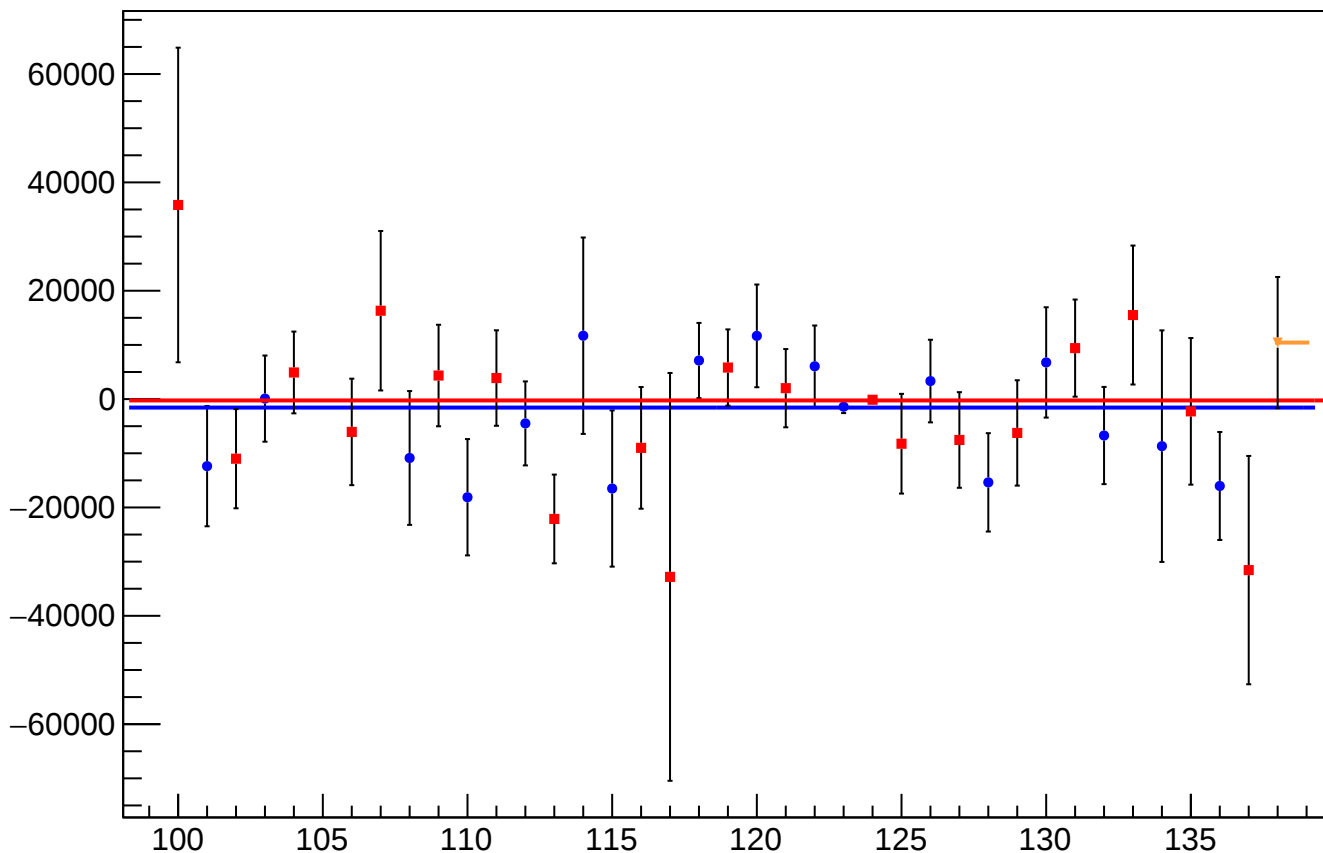
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2104.253+/-0.558 χ^2/NDF : 431494.5/17

2078.380+/-0.394 χ^2/NDF : 879167.2/37

2052.576+/-0.557 χ^2/NDF : 443374.3/19

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -1563.218+/-1053.946 χ^2/NDF : 16.2/16

Left Out: 10435.031+/-12109.490 χ^2/NDF : 0.0/0

Right Out: -247.306+/-695.049 χ^2/NDF : 21.6/19

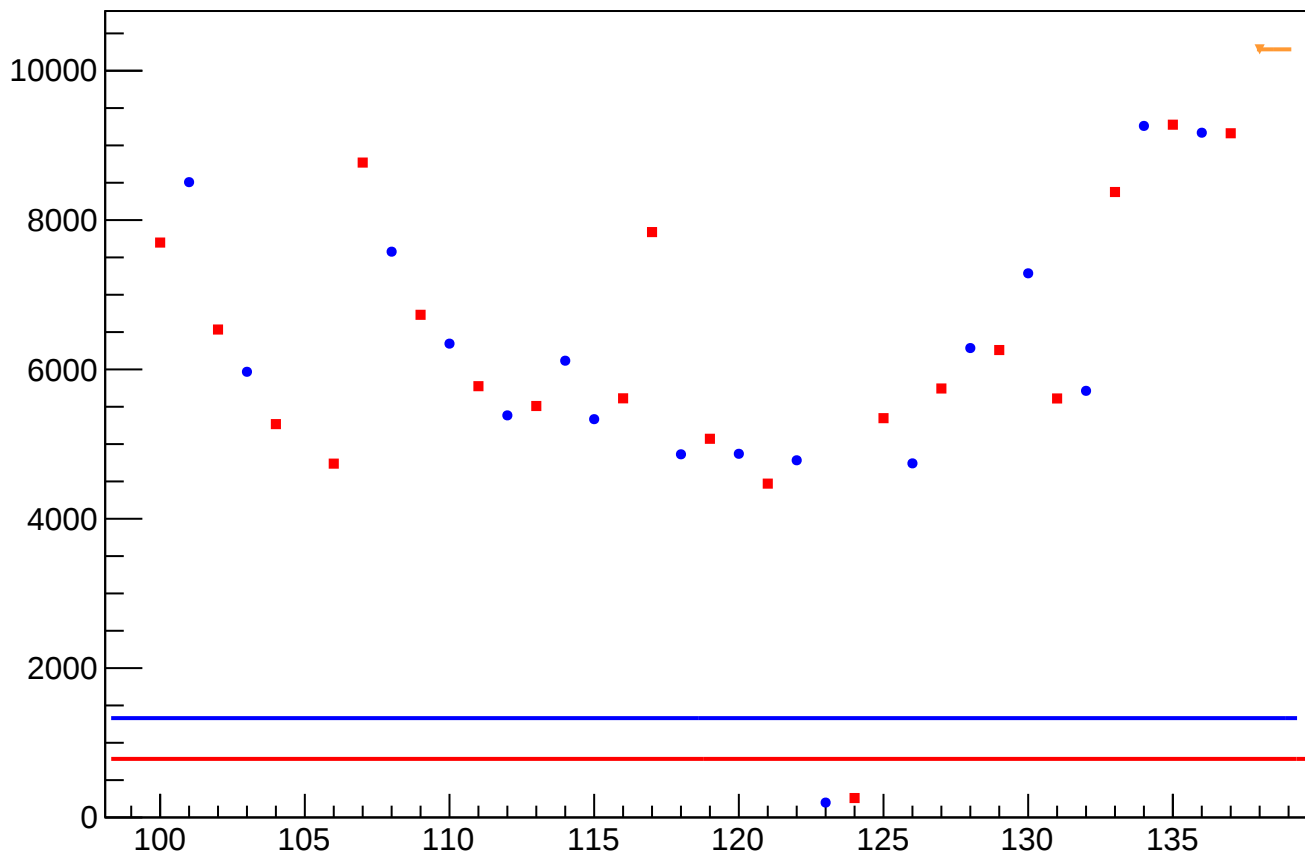
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1473.014+/-1049.976 χ^2/NDF : 17.2/17

-620.762+/-579.570 χ^2/NDF : 39.7/37

-247.306+/-695.049 χ^2/NDF : 21.6/19

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1330.250+/-0.745 χ^2/NDF : 10046828.9/16

Left Out: 10286.393+/-8.563 χ^2/NDF : 0.0/0

Right Out: 784.254+/-0.491 χ^2/NDF : 11510186.9/19

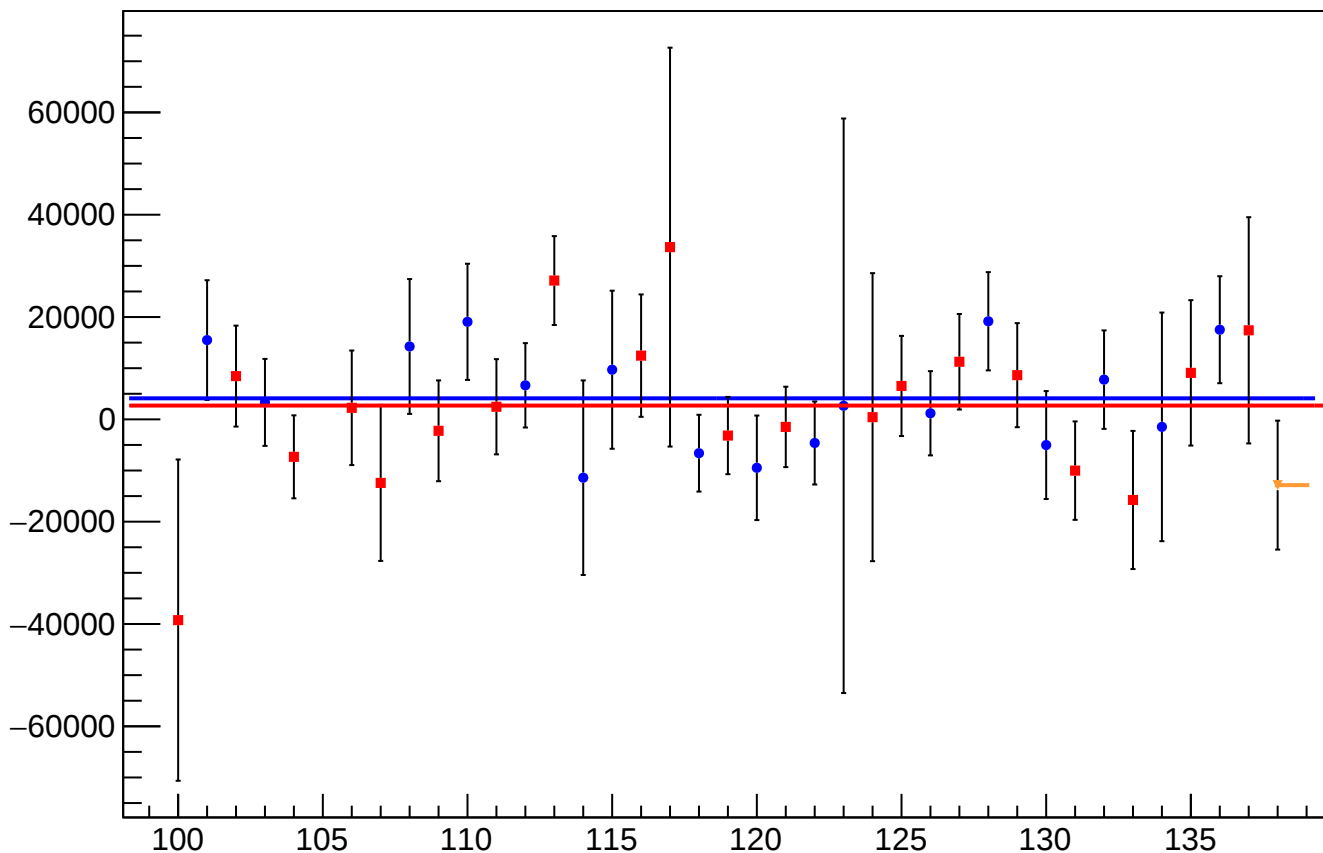
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1397.583+/-0.742 χ^2/NDF : 11132611.7/17

971.127+/-0.410 χ^2/NDF : 23117301.2/37

784.254+/-0.491 χ^2/NDF : 11510186.9/19

asym_atl2_mean vs Slug, Sign Corrected



Right In: 4111.784 $\pm$ 2534.444 χ^2 /NDF: 14.3/16

Left Out: -12855.326 $\pm$ 12601.227 χ^2 /NDF: 0.0/0

Right Out: 2697.106 $\pm$ 2415.828 χ^2 /NDF: 20.6/19

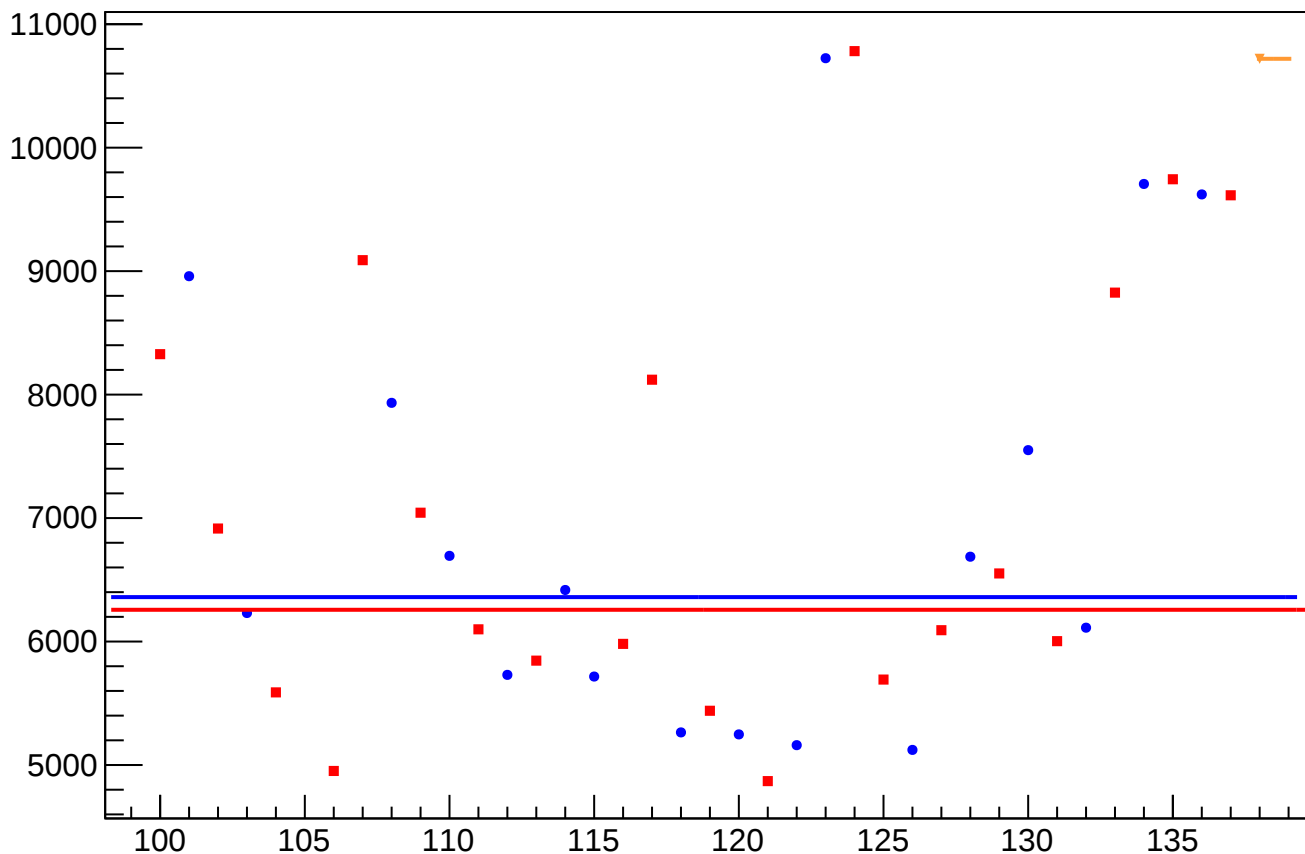
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3452.116 $\pm$ 2484.687 χ^2 /NDF: 16.1/17

3064.005 $\pm$ 1732.081 χ^2 /NDF: 36.7/37

2697.106 $\pm$ 2415.828 χ^2 /NDF: 20.6/19

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6359.928+/-1.792 χ^2/NDF : 580471.0/16

Left Out: 10719.791+/-8.910 χ^2/NDF : 0.0/0

Right Out: 6257.232+/-1.708 χ^2/NDF : 537553.3/19

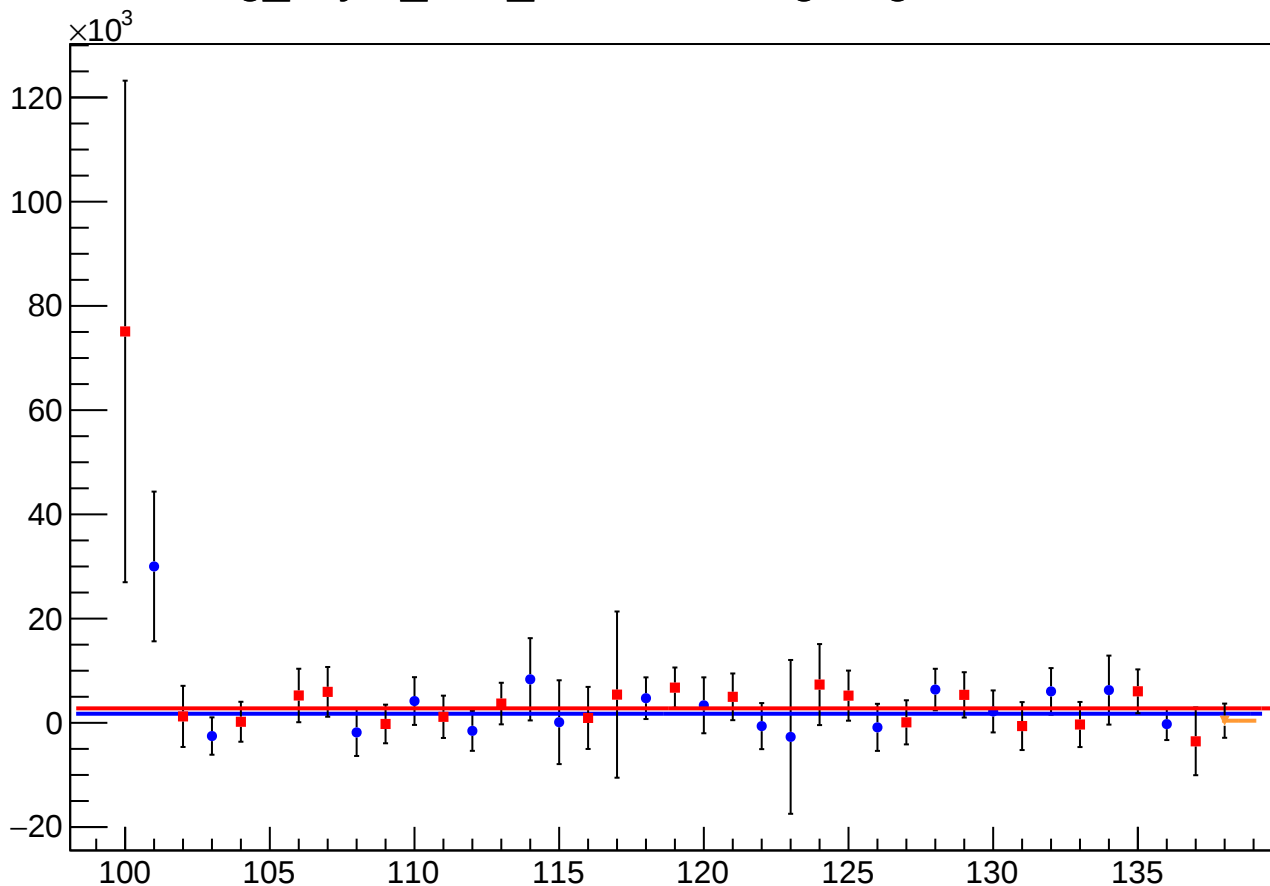
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6529.435+/-1.757 χ^2/NDF : 810577.1/17

6389.503+/-1.225 χ^2/NDF : 1360469.9/37

6257.232+/-1.708 χ^2/NDF : 537553.3/19

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1746.001 $\pm$ 1128.522 χ^2 /NDF: 12.2/16

Left Out: 409.851 $\pm$ 3280.097 χ^2 /NDF: 0.0/0

Right Out: 2775.793 $\pm$ 1069.534 χ^2 /NDF: 9.7/19

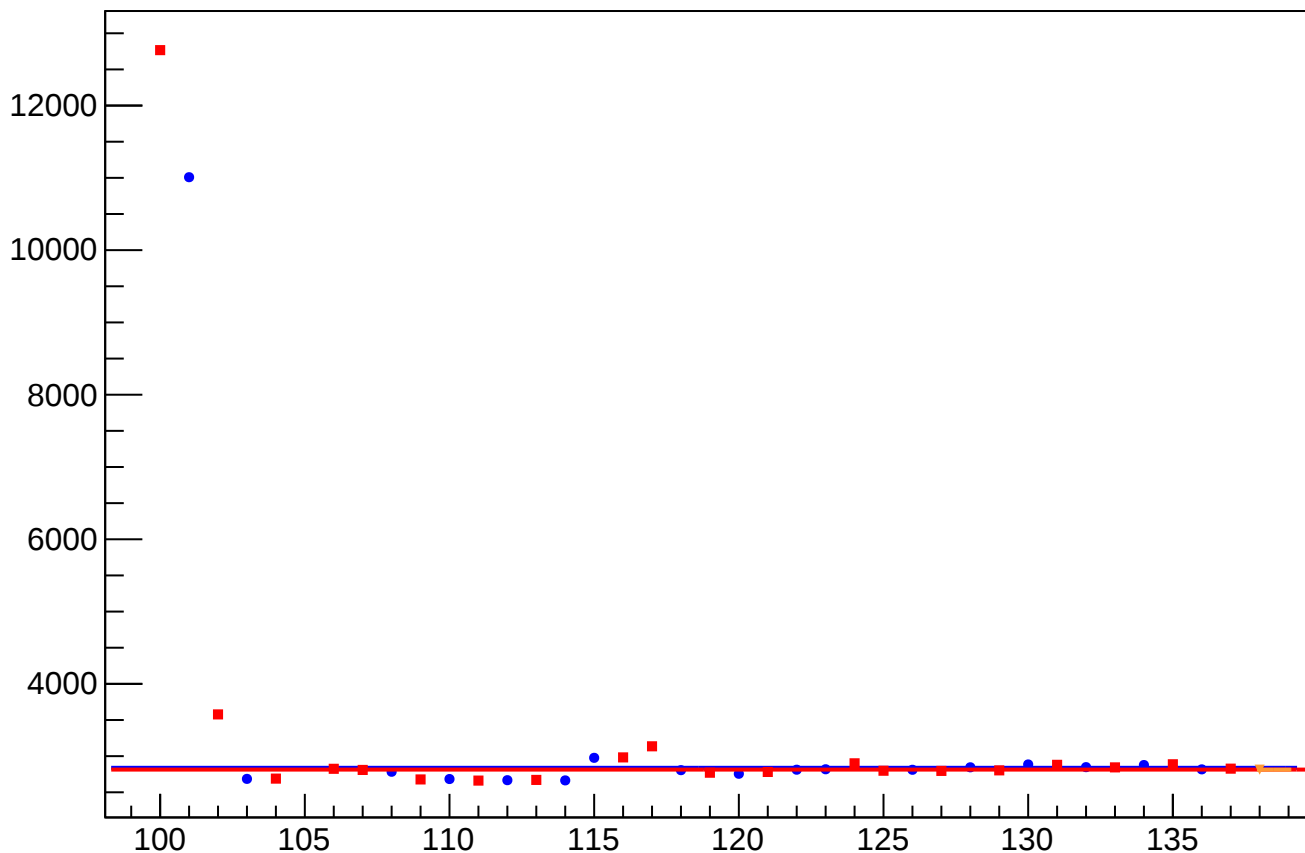
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1604.579 $\pm$ 1067.130 χ^2 /NDF: 12.4/17

2188.868 $\pm$ 755.423 χ^2 /NDF: 22.7/37

2775.793 $\pm$ 1069.534 χ^2 /NDF: 9.7/19

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2838.737+/-0.798 χ^2/NDF : 660209.3/16

Left Out: 2813.130+/-2.319 χ^2/NDF : 0.0/0

Right Out: 2814.083+/-0.756 χ^2/NDF : 133883.7/19

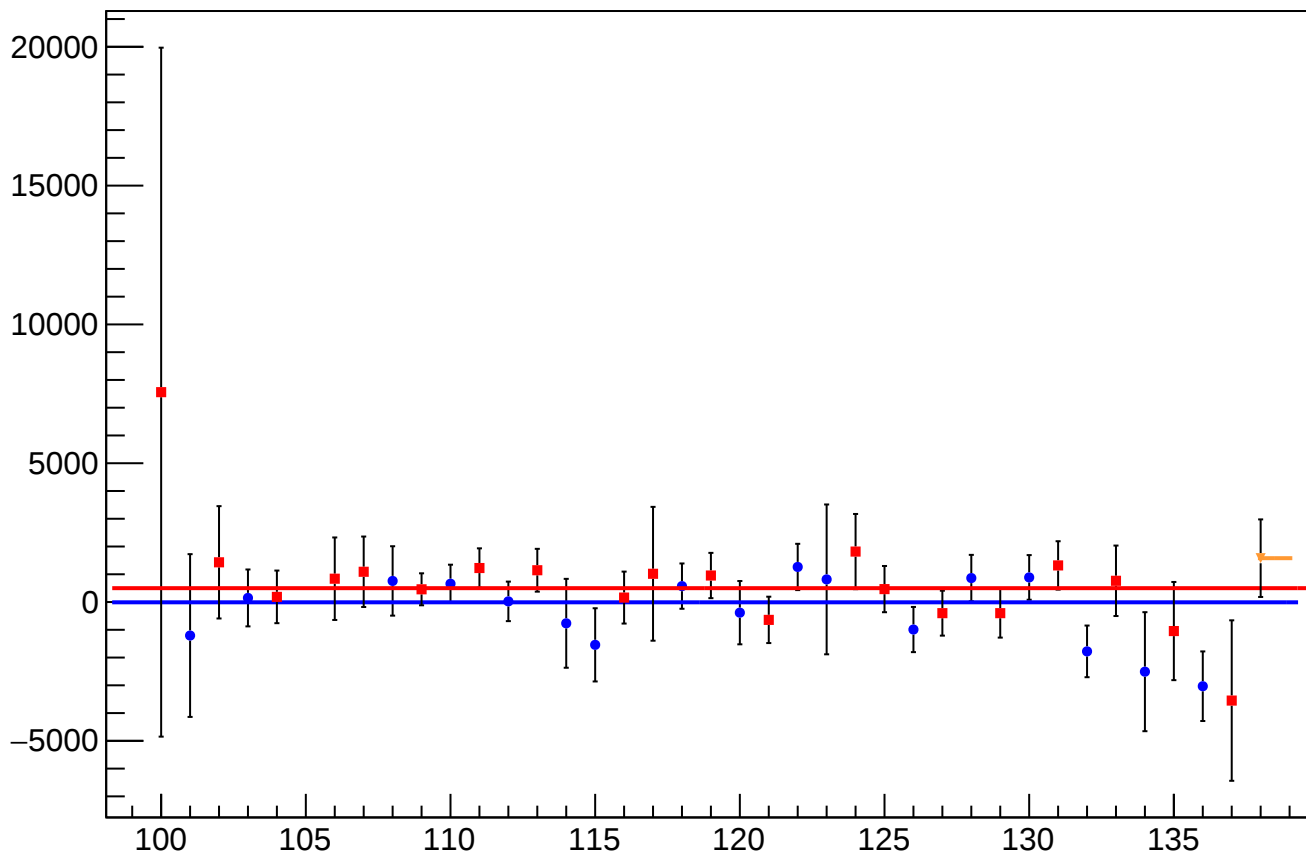
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2836.027+/-0.755 χ^2/NDF : 660318.3/17

2825.079+/-0.534 χ^2/NDF : 794623.9/37

2814.083+/-0.756 χ^2/NDF : 133883.7/19

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -9.845 ± 241.678 $\chi^2/\text{NDF}: 20.7/16$

Left Out: 1579.766 ± 1397.143 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 499.625 ± 220.558 $\chi^2/\text{NDF}: 11.9/19$

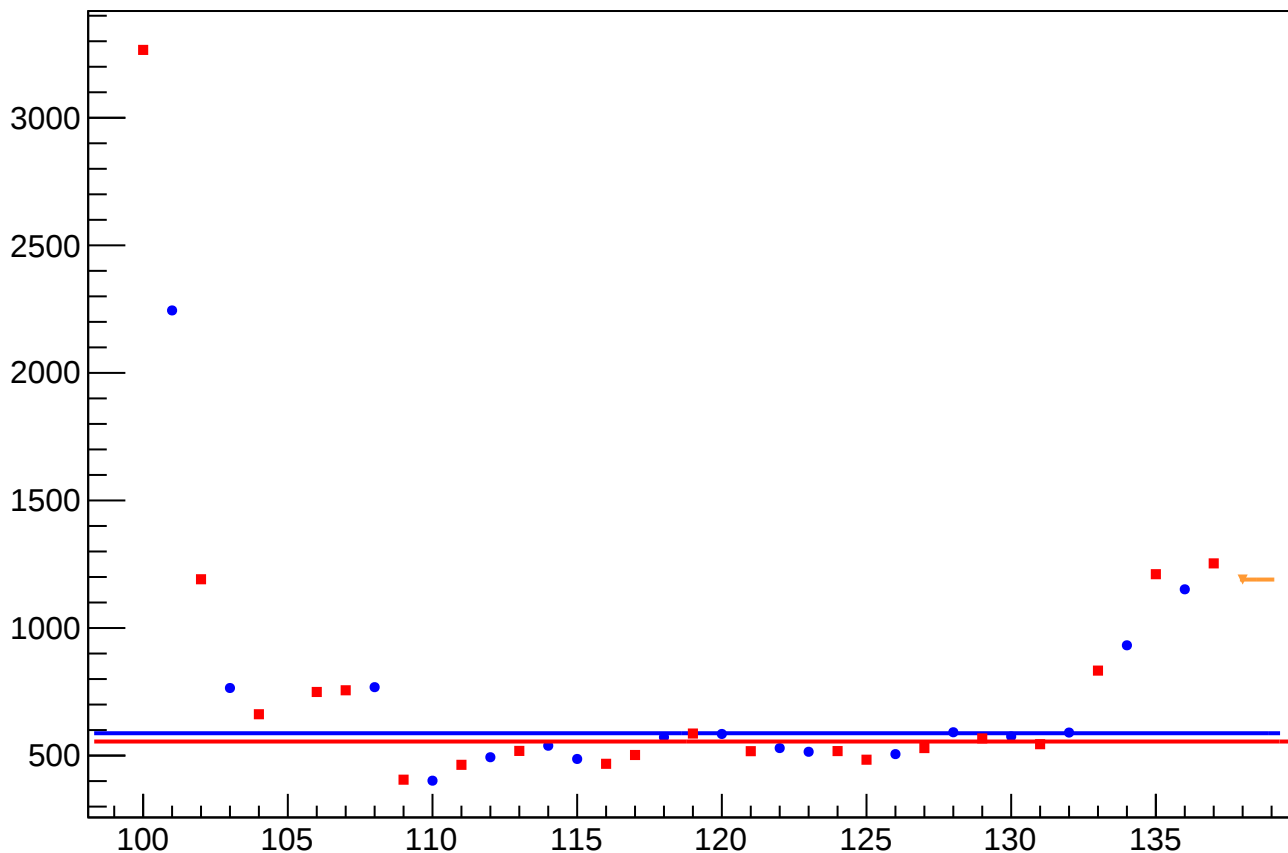
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

36.338 ± 238.142 $\chi^2/\text{NDF}: 22.0/17$

285.715 ± 161.818 $\chi^2/\text{NDF}: 35.9/37$

499.625 ± 220.558 $\chi^2/\text{NDF}: 11.9/19$

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 587.596+/-0.171 χ^2/NDF : 1425769.6/16

Left Out: 1189.988+/-0.988 χ^2/NDF : 0.0/0

Right Out: 555.088+/-0.156 χ^2/NDF : 1107729.2/19

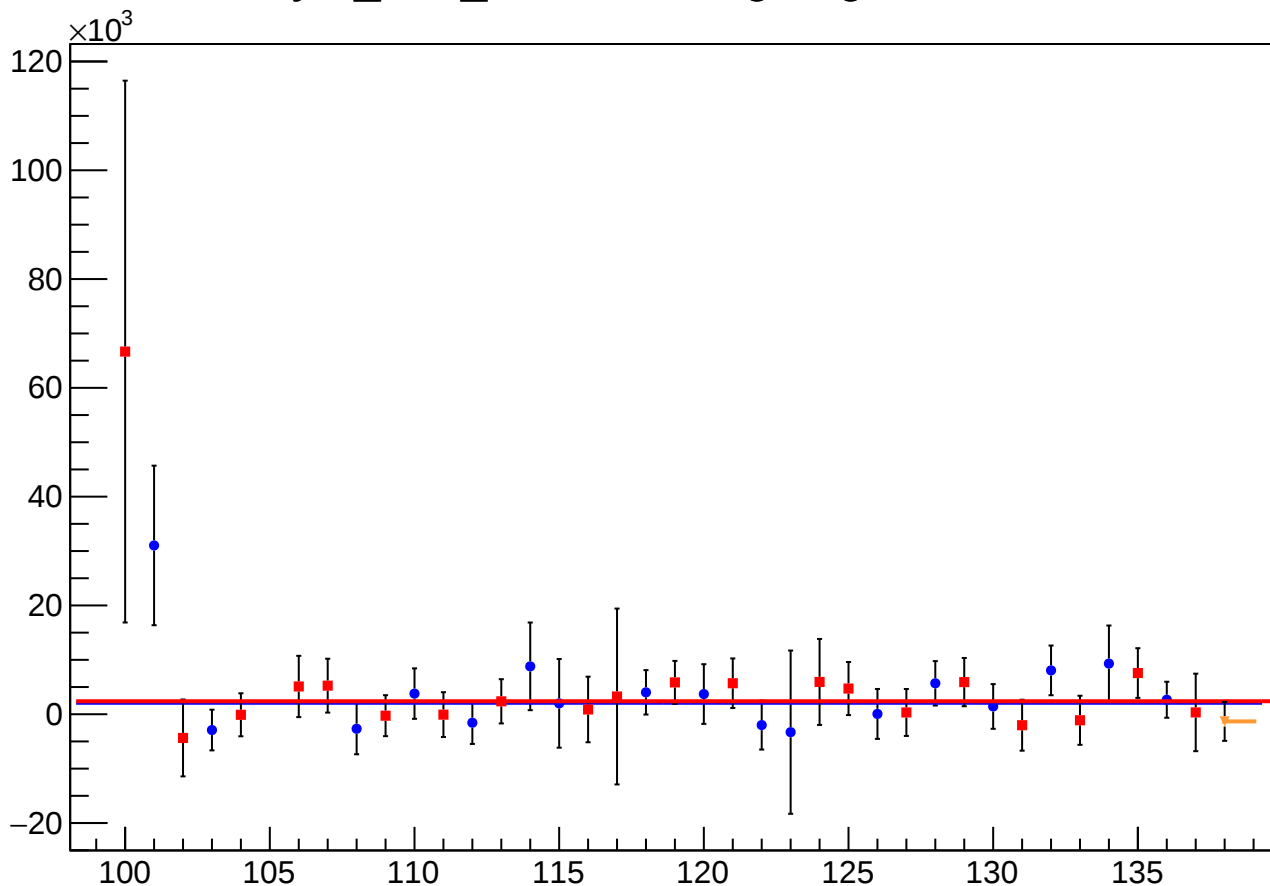
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

605.097+/-0.168 χ^2/NDF : 1786764.8/17

578.178+/-0.114 χ^2/NDF : 2941969.9/37

555.088+/-0.156 χ^2/NDF : 1107729.2/19

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2108.498 $\pm$ 1164.336 χ^2 /NDF: 13.5/16

Left Out: -1316.923 $\pm$ 3578.303 χ^2 /NDF: 0.0/0

Right Out: 2389.947 $\pm$ 1107.639 χ^2 /NDF: 9.9/19

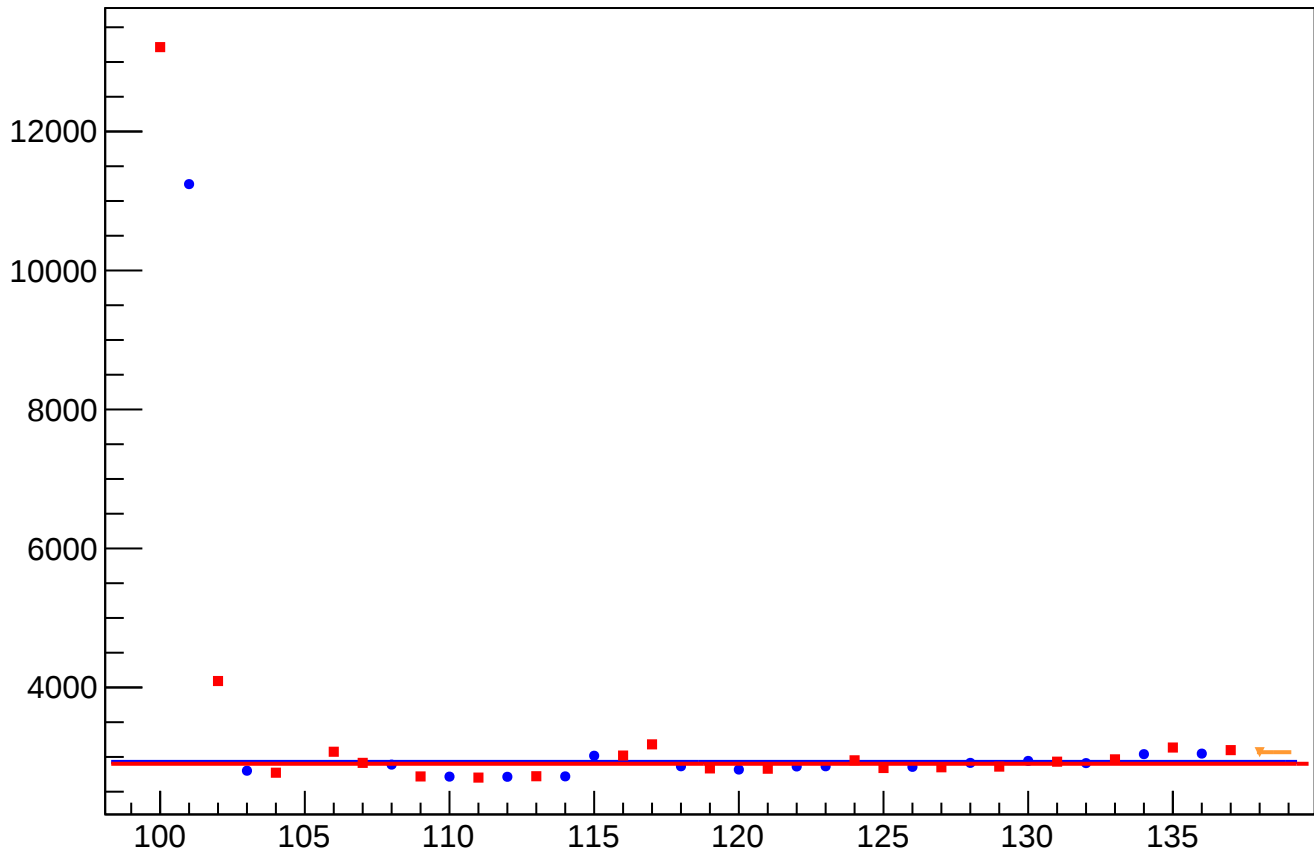
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1780.546 $\pm$ 1107.197 χ^2 /NDF: 14.3/17

2085.125 $\pm$ 783.063 χ^2 /NDF: 24.4/37

2389.947 $\pm$ 1107.639 χ^2 /NDF: 9.9/19

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2928.700+/-0.823 χ^2/NDF : 662362.9/16

Left Out: 3068.374+/-2.530 χ^2/NDF : 0.0/0

Right Out: 2901.790+/-0.783 χ^2/NDF : 170320.9/19

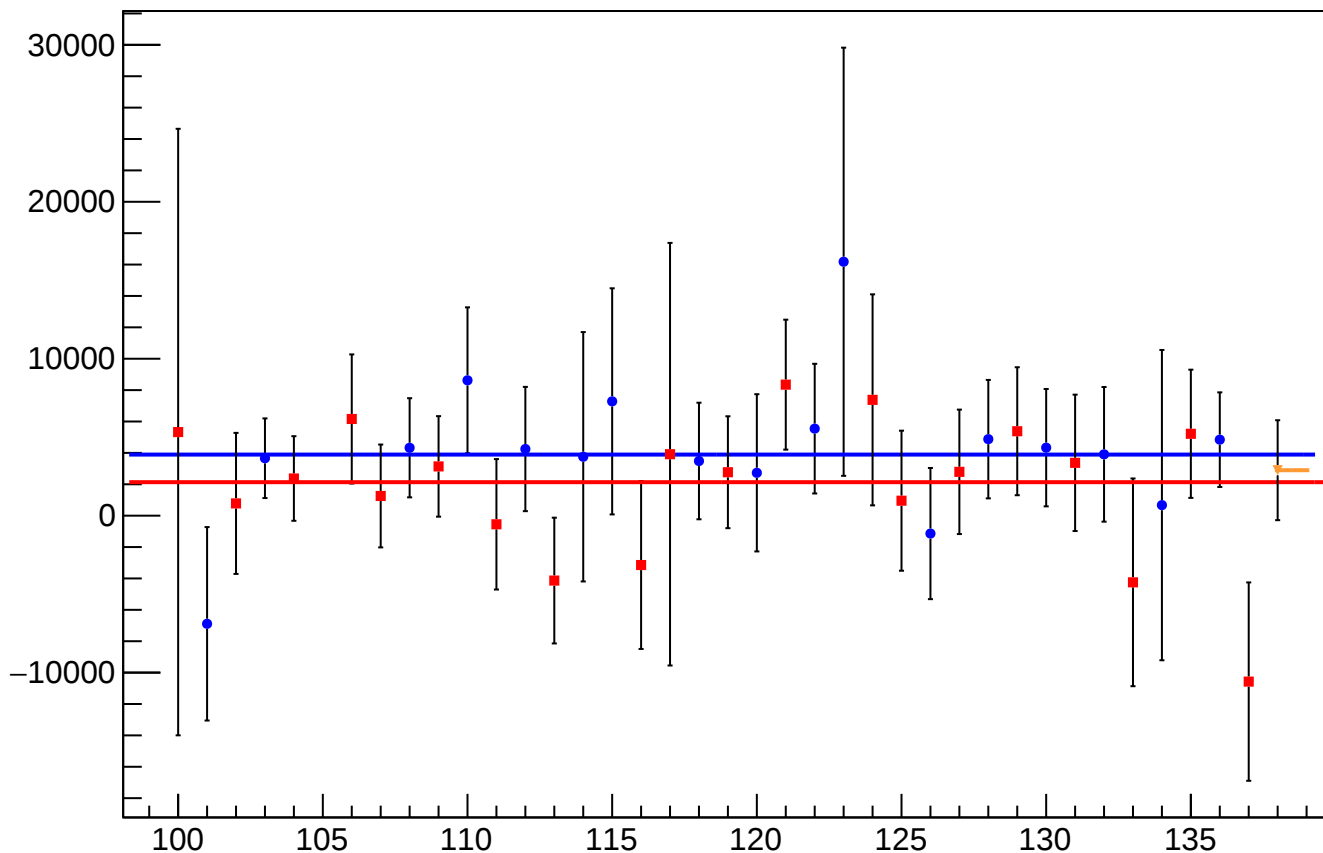
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2942.073+/-0.783 χ^2/NDF : 665118.4/17

2921.939+/-0.554 χ^2/NDF : 836762.4/37

2901.790+/-0.783 χ^2/NDF : 170320.9/19

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3892.504+/-1011.718 χ^2/NDF : 7.1/16

Left Out: 2896.732+/-3183.779 χ^2/NDF : 0.0/0

Right Out: 2133.736+/-955.999 χ^2/NDF : 14.4/19

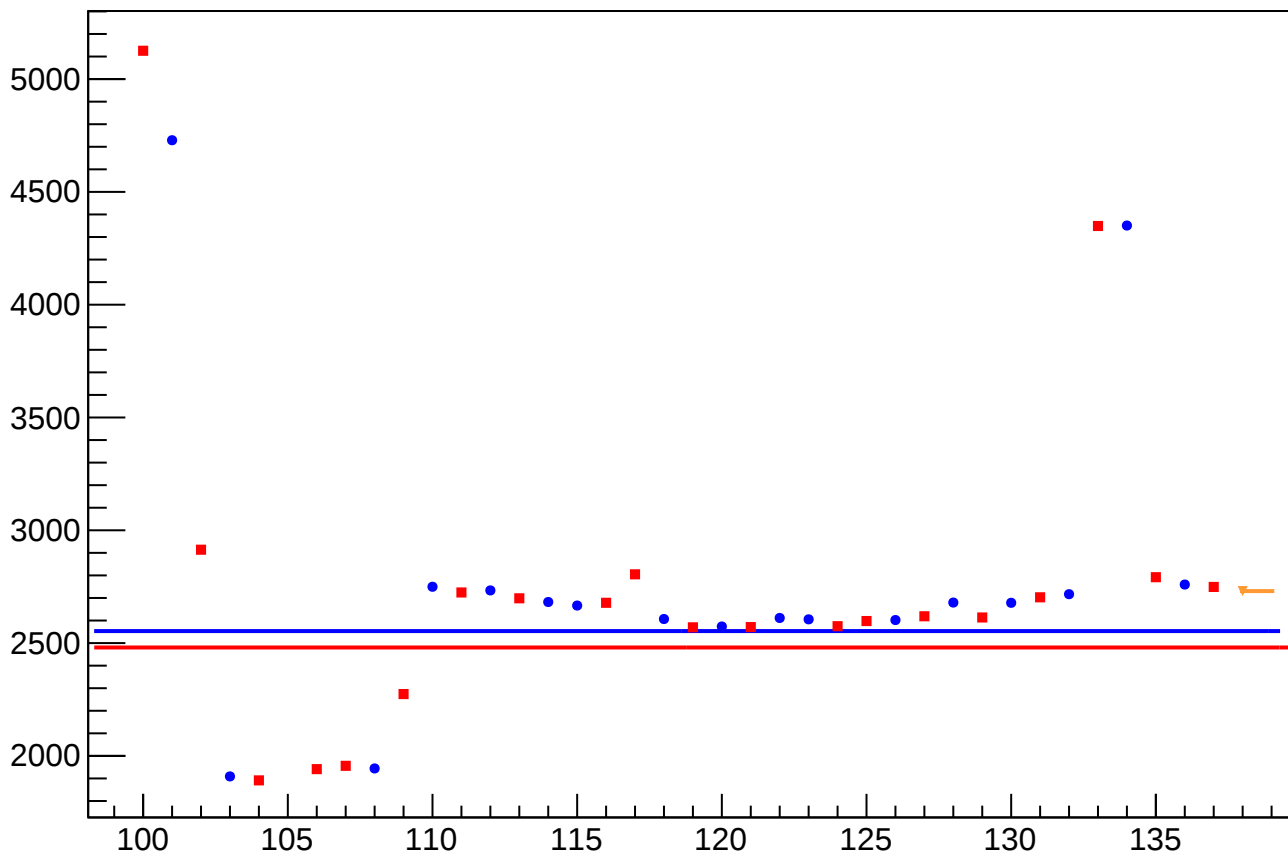
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3801.174+/-964.206 χ^2/NDF : 7.2/17

2960.328+/-678.877 χ^2/NDF : 23.1/37

2133.736+/-955.999 χ^2/NDF : 14.4/19

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2553.280+/-0.715 χ^2/NDF : 545226.9/16

Left Out: 2730.486+/-2.251 χ^2/NDF : 0.0/0

Right Out: 2480.504+/-0.676 χ^2/NDF : 450669.1/19

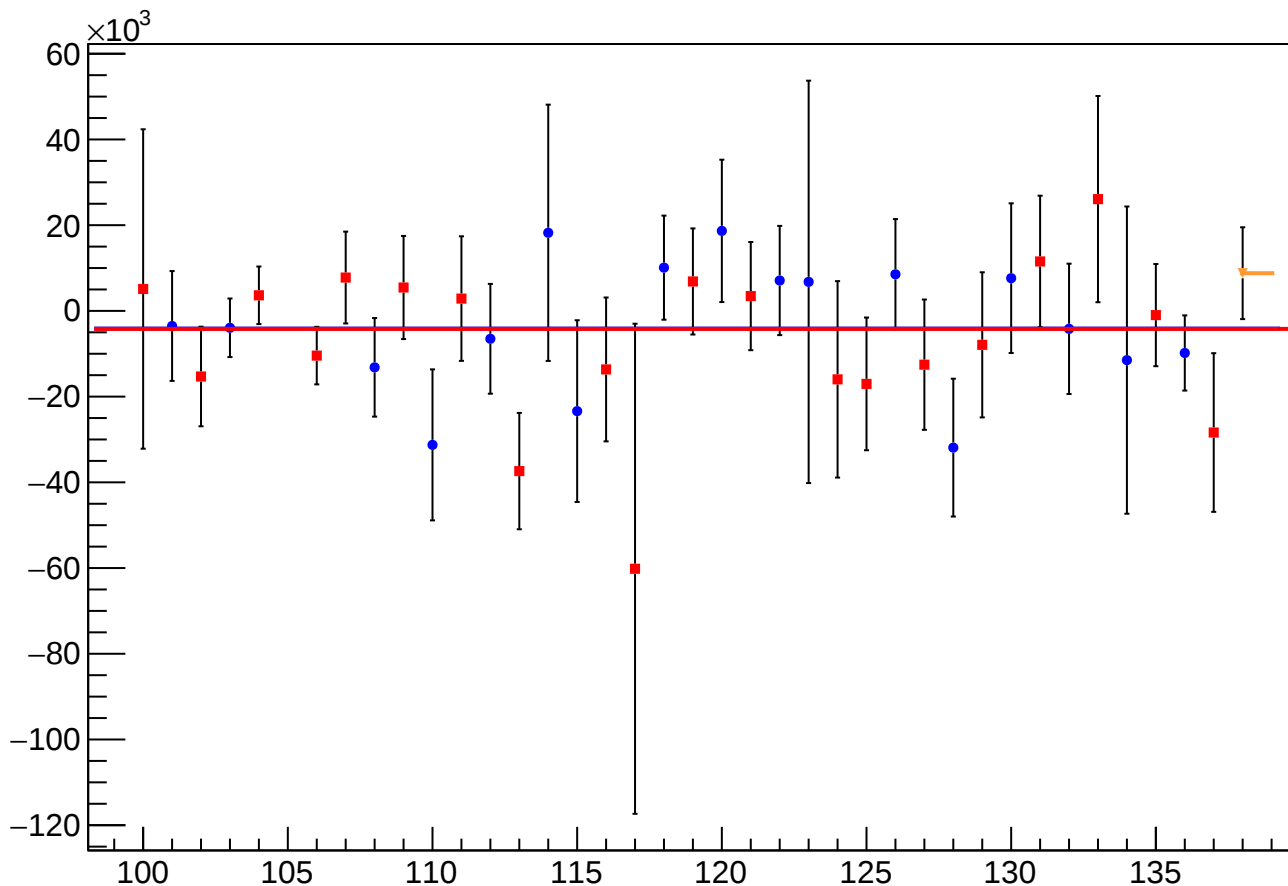
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2569.533+/-0.682 χ^2/NDF : 550854.4/17

2524.638+/-0.480 χ^2/NDF : 1010122.2/37

2480.504+/-0.676 χ^2/NDF : 450669.1/19

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -4126.319+/-3227.044 χ^2 /NDF: 13.4/16

Left Out: 8794.789+/-10712.549 χ^2 /NDF:0.0/0

Right Out: -4197.870+/-2830.850 χ^2 /NDF: 19.5/19

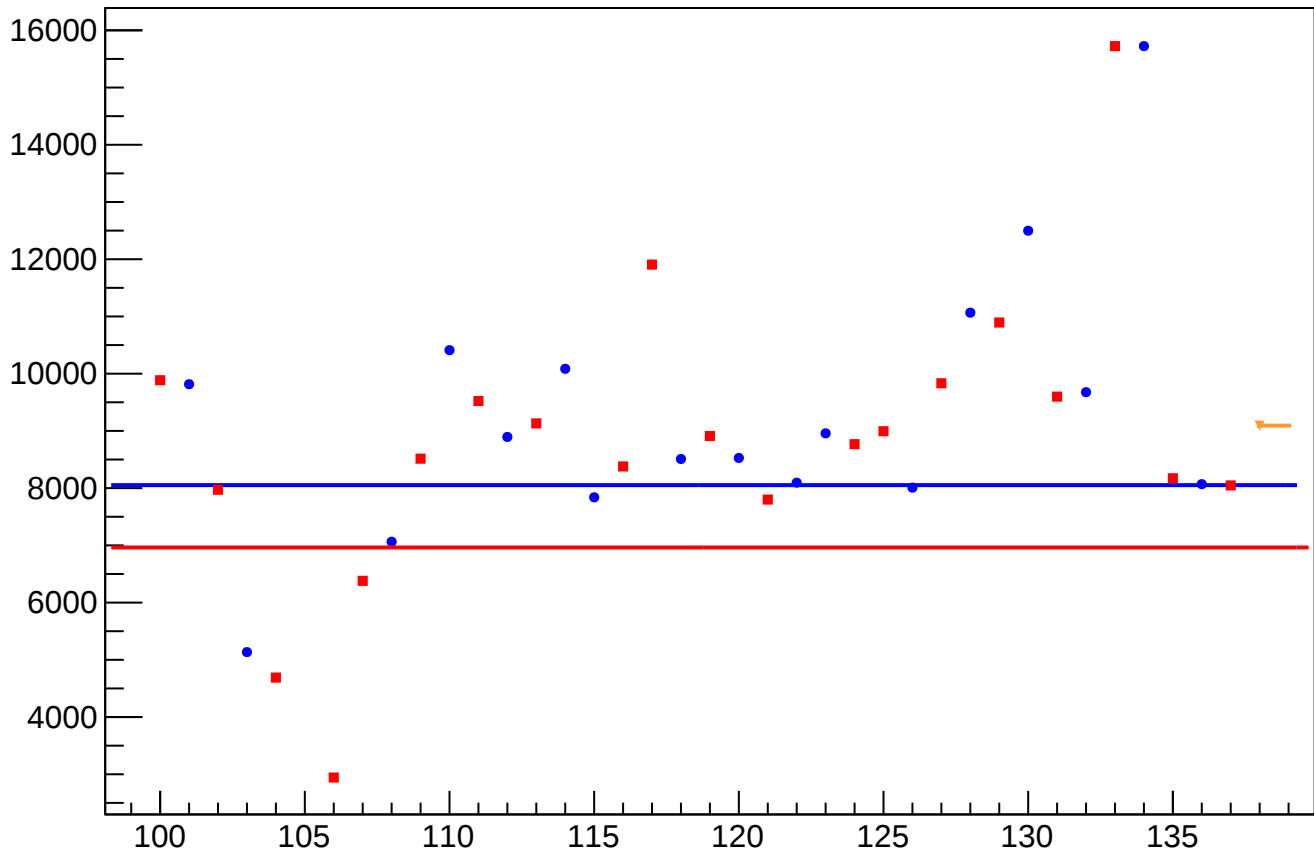
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-3051.339+/-3089.891 χ^2 /NDF: 14.7/17

-3674.671+/-2087.294 χ^2 /NDF: 34.2/37

-4197.870+/-2830.850 χ^2 /NDF: 19.5/19

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8052.552+/-2.282 χ^2/NDF : 790724.2/16

Left Out: 9092.337+/-7.575 χ^2/NDF : 0.0/0

Right Out: 6963.091+/-2.002 χ^2/NDF : 1791563.9/19

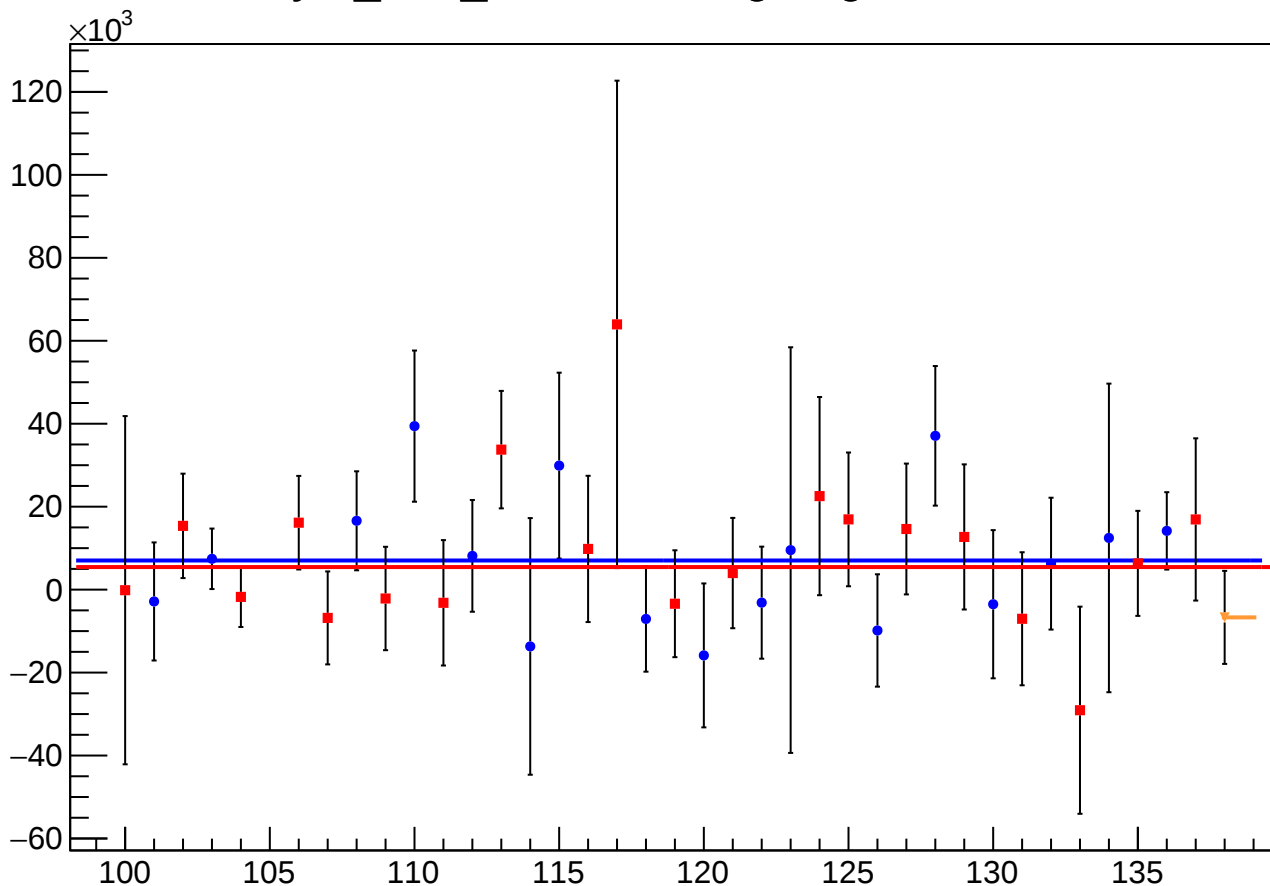
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8139.057+/-2.185 χ^2/NDF : 807998.8/17

7499.722+/-1.476 χ^2/NDF : 2757058.0/37

6963.091+/-2.002 χ^2/NDF : 1791563.9/19

asym_atr2_mean vs Slug, Sign Corrected



Right In: 7025.400+/-3409.490 χ^2/NDF : 15.0/16

Left Out: -6693.498+/-11214.134 χ^2/NDF : 0.0/0

Right Out: 5441.890+/-3163.600 χ^2/NDF : 14.3/19

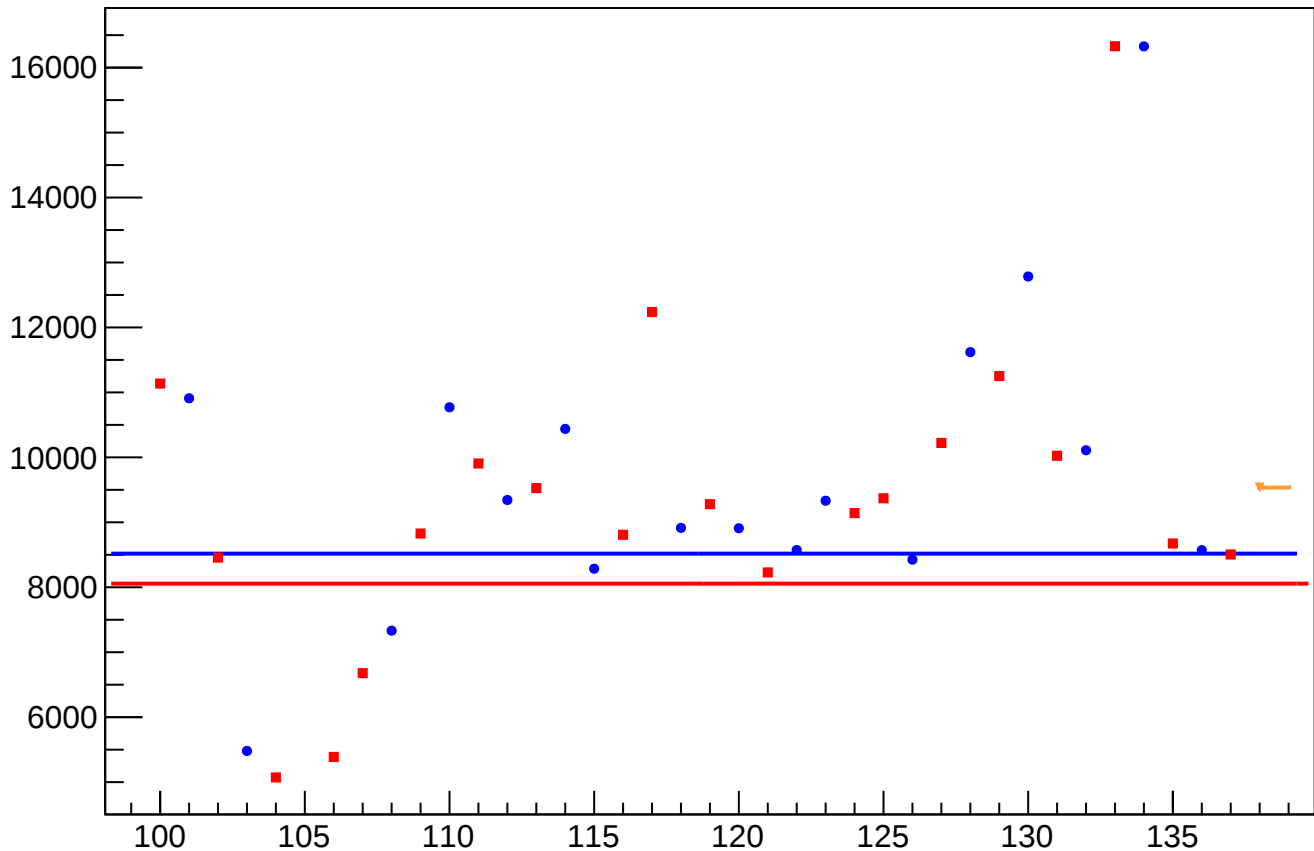
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5864.566+/-3262.054 χ^2/NDF : 16.4/17

5646.753+/-2271.012 χ^2/NDF : 30.7/37

5441.890+/-3163.600 χ^2/NDF : 14.3/19

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8517.886+/-2.411 χ^2/NDF : 763281.4/16

Left Out: 9535.351+/-7.930 χ^2/NDF : 0.0/0

Right Out: 8056.153+/-2.237 χ^2/NDF : 962282.6/19

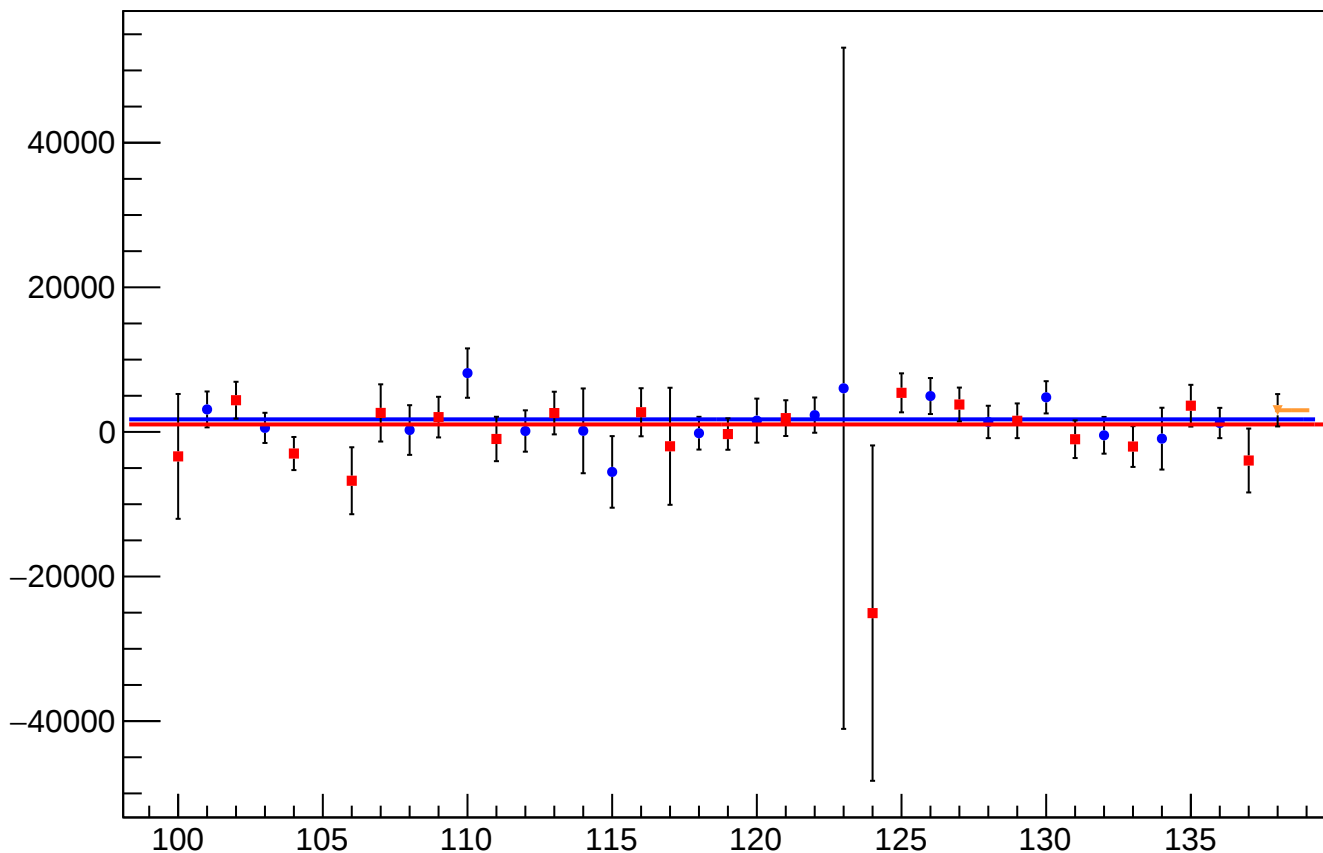
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8603.980+/-2.307 χ^2/NDF : 778352.4/17

8321.665+/-1.606 χ^2/NDF : 1769703.6/37

8056.153+/-2.237 χ^2/NDF : 962282.6/19

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1739.640+/-670.395 χ^2/NDF : 12.4/16

Left Out: 2997.076+/-2236.758 χ^2/NDF : 0.0/0

Right Out: 1034.828+/-668.692 χ^2/NDF : 19.0/19

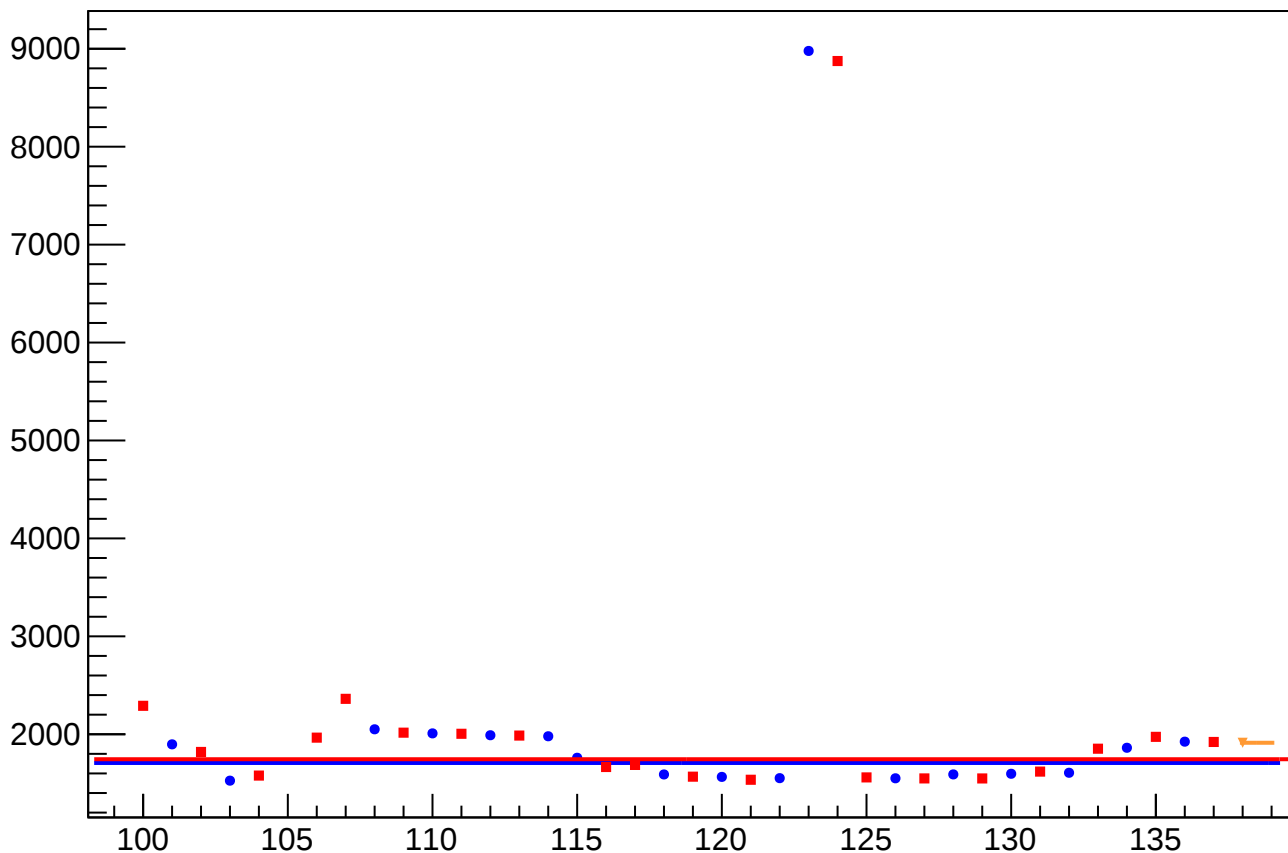
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1843.285+/-642.172 χ^2/NDF : 12.7/17

1455.406+/-463.176 χ^2/NDF : 32.5/37

1034.828+/-668.692 χ^2/NDF : 19.0/19

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1706.867+/-0.474 χ^2/NDF : 197555.1/16

Left Out: 1913.180+/-1.582 χ^2/NDF : 0.0/0

Right Out: 1745.037+/-0.471 χ^2/NDF : 399916.1/19

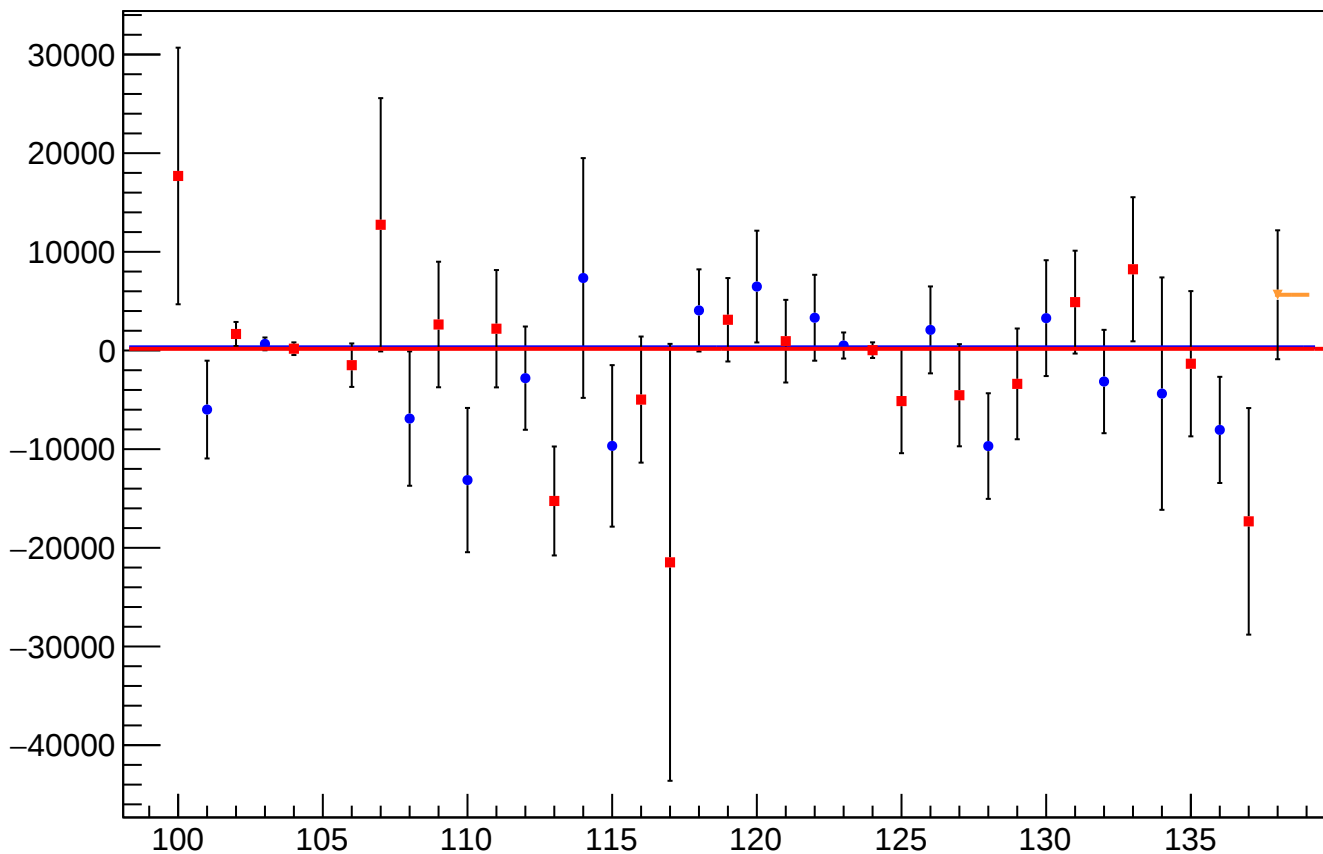
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1723.873+/-0.454 χ^2/NDF : 213168.0/17

1734.074+/-0.327 χ^2/NDF : 614131.3/37

1745.037+/-0.471 χ^2/NDF : 399916.1/19

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 320.899+/-540.384 χ^2/NDF : 18.0/16

Left Out: 5648.505+/-6533.712 χ^2/NDF : 0.0/0

Right Out: 168.343+/-433.469 χ^2/NDF : 21.7/19

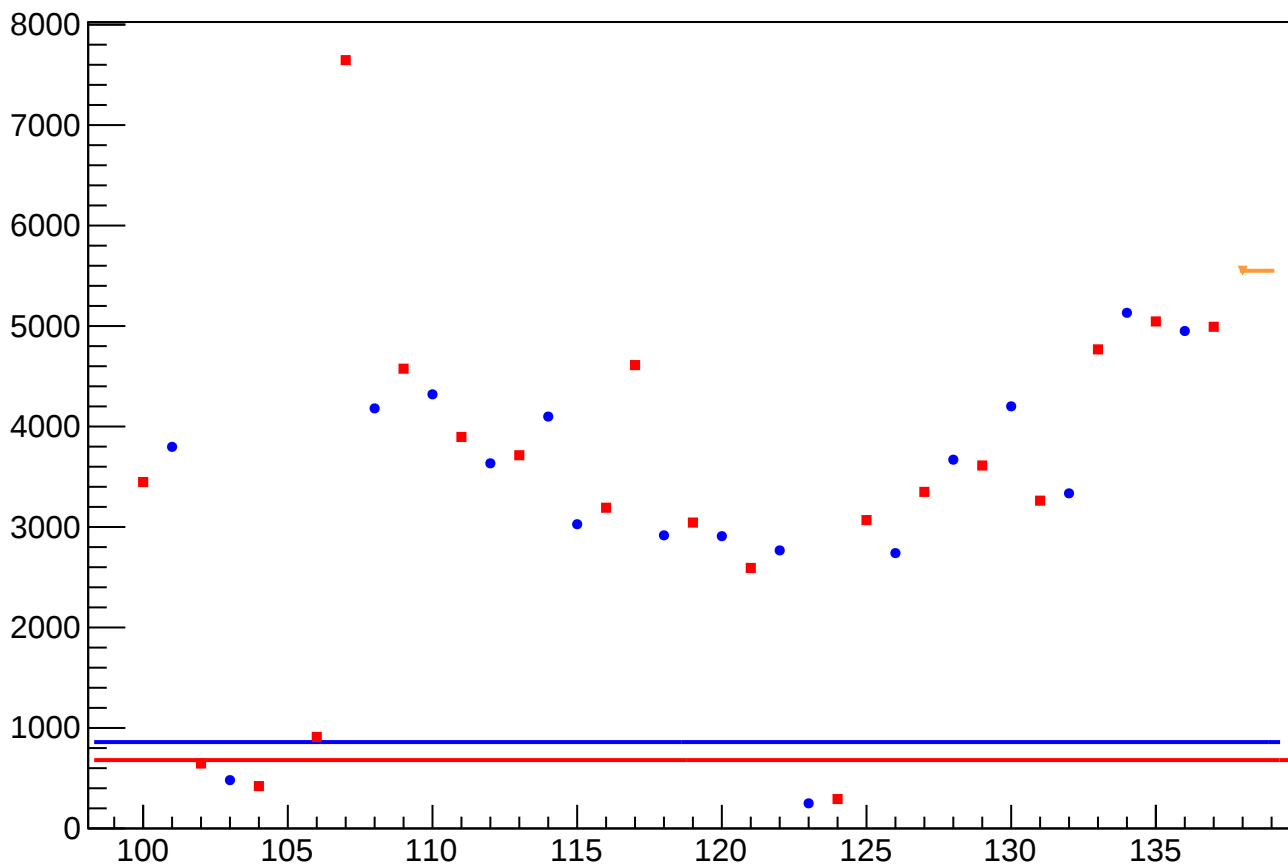
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

357.095+/-538.545 χ^2/NDF : 18.7/17

242.550+/-337.675 χ^2/NDF : 40.5/37

168.343+/-433.469 χ^2/NDF : 21.7/19

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 859.557+/-0.382 χ^2/NDF : 8143264.5/16

Left Out: 5550.124+/-4.620 χ^2/NDF : 0.0/0

Right Out: 680.110+/-0.307 χ^2/NDF : 8447884.2/19

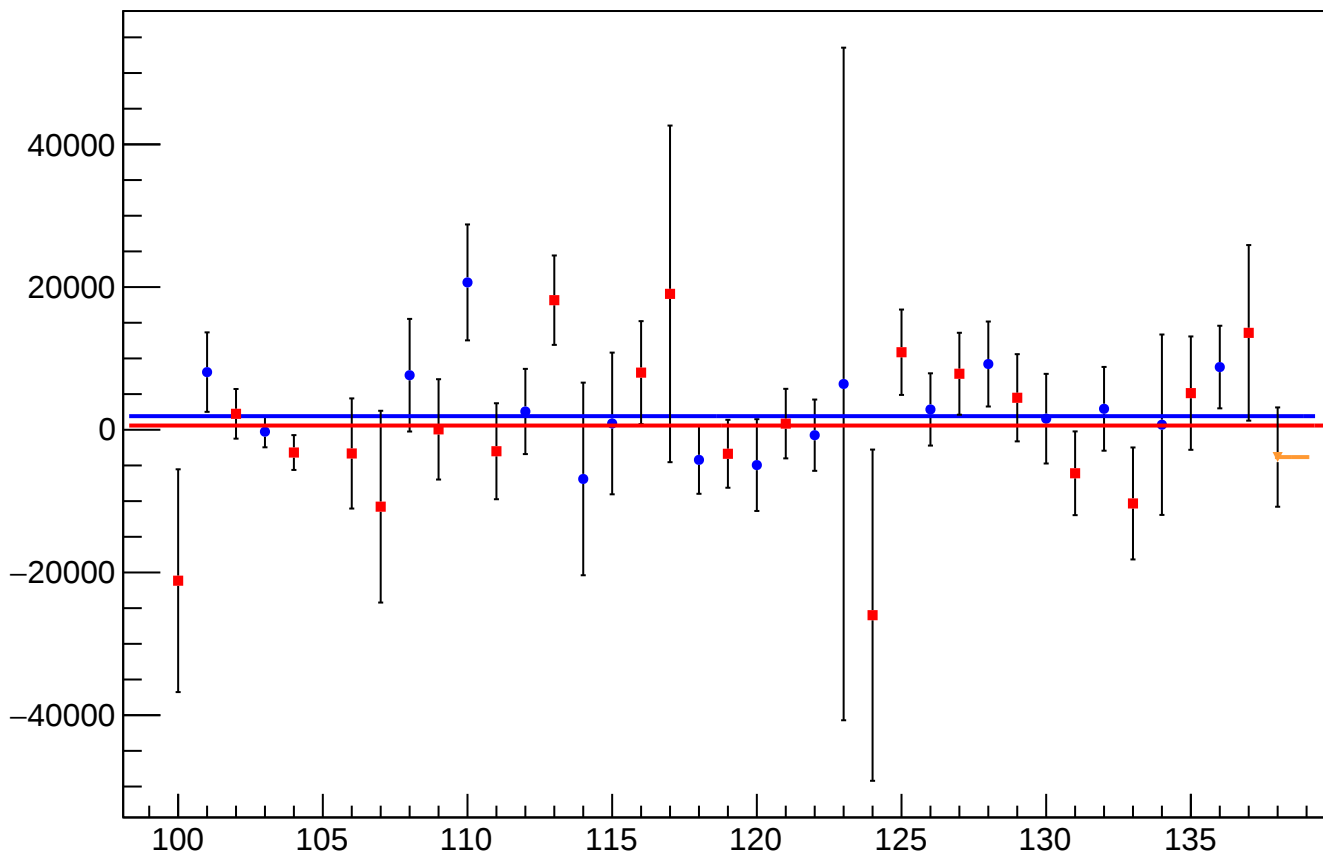
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

891.425+/-0.381 χ^2/NDF : 9167029.0/17

763.188+/-0.239 χ^2/NDF : 17801778.2/37

680.110+/-0.307 χ^2/NDF : 8447884.2/19

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1909.348+/-1310.219 χ^2/NDF : 14.6/16

Left Out: -3826.530+/-6960.340 χ^2/NDF : 0.0/0

Right Out: 594.380+/-1283.911 χ^2/NDF : 27.0/19

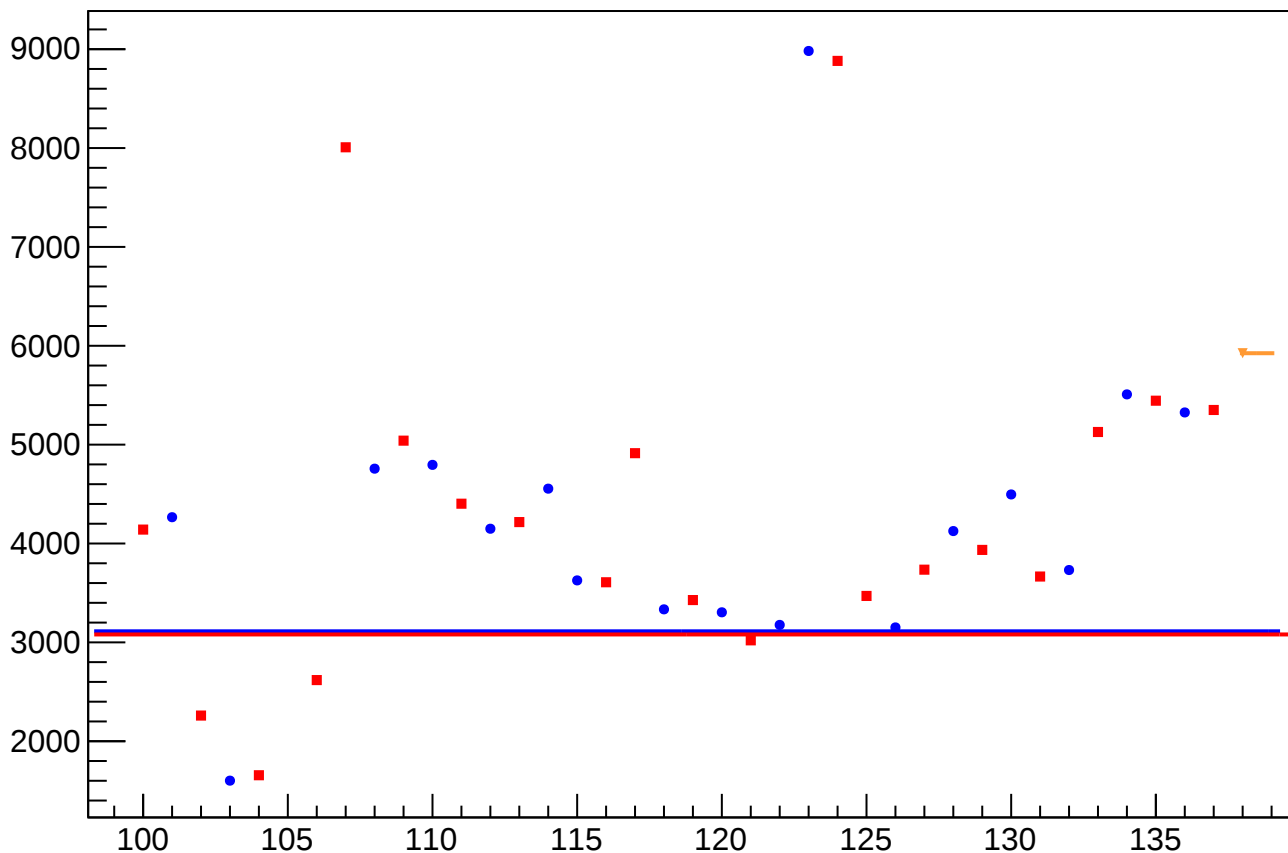
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1713.055+/-1287.605 χ^2/NDF : 15.3/17

1152.111+/-909.165 χ^2/NDF : 42.6/37

594.380+/-1283.911 χ^2/NDF : 27.0/19

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3111.825 $\pm$ 0.926 χ^2 /NDF: 1879558.6/16

Left Out: 5924.760 $\pm$ 4.922 χ^2 /NDF: 0.0/0

Right Out: 3080.063 $\pm$ 0.895 χ^2 /NDF: 2017746.3/19

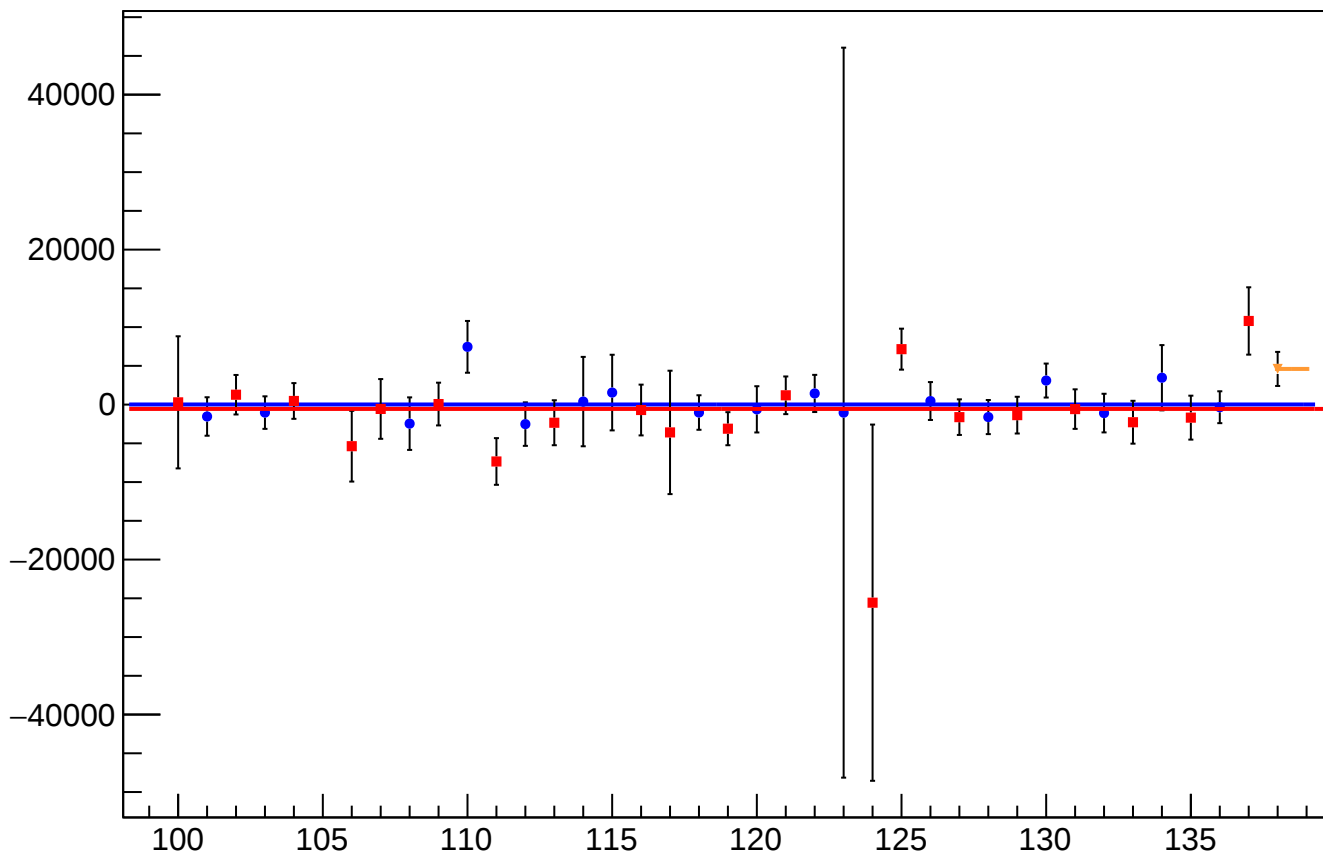
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3208.088 $\pm$ 0.910 χ^2 /NDF: 2195034.3/17

3142.962 $\pm$ 0.638 χ^2 /NDF: 4222838.8/37

3080.063 $\pm$ 0.895 χ^2 /NDF: 2017746.3/19

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 14.118+/-661.101 χ^2 /NDF: 11.1/16

Left Out: 4603.111+/-2198.687 χ^2 /NDF:0.0/0

Right Out: -558.377+/-658.875 χ^2 /NDF: 26.8/19

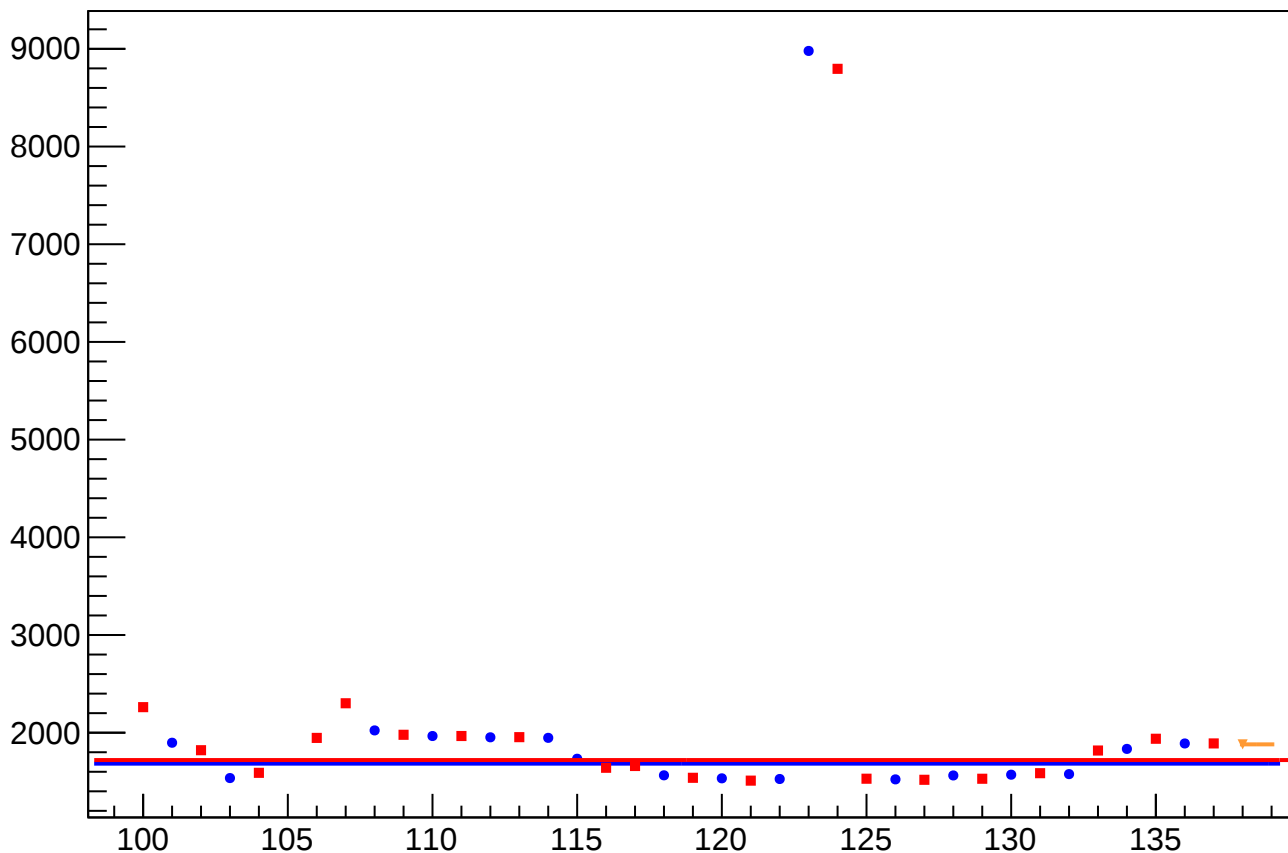
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

394.603+/-633.102 χ^2 /NDF: 15.1/17

-62.884+/-456.510 χ^2 /NDF: 43.0/37

-558.377+/-658.875 χ^2 /NDF: 26.8/19

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1683.259+/-0.467 χ^2/NDF : 195893.7/16

Left Out: 1880.599+/-1.555 χ^2/NDF : 0.0/0

Right Out: 1719.963+/-0.464 χ^2/NDF : 396217.5/19

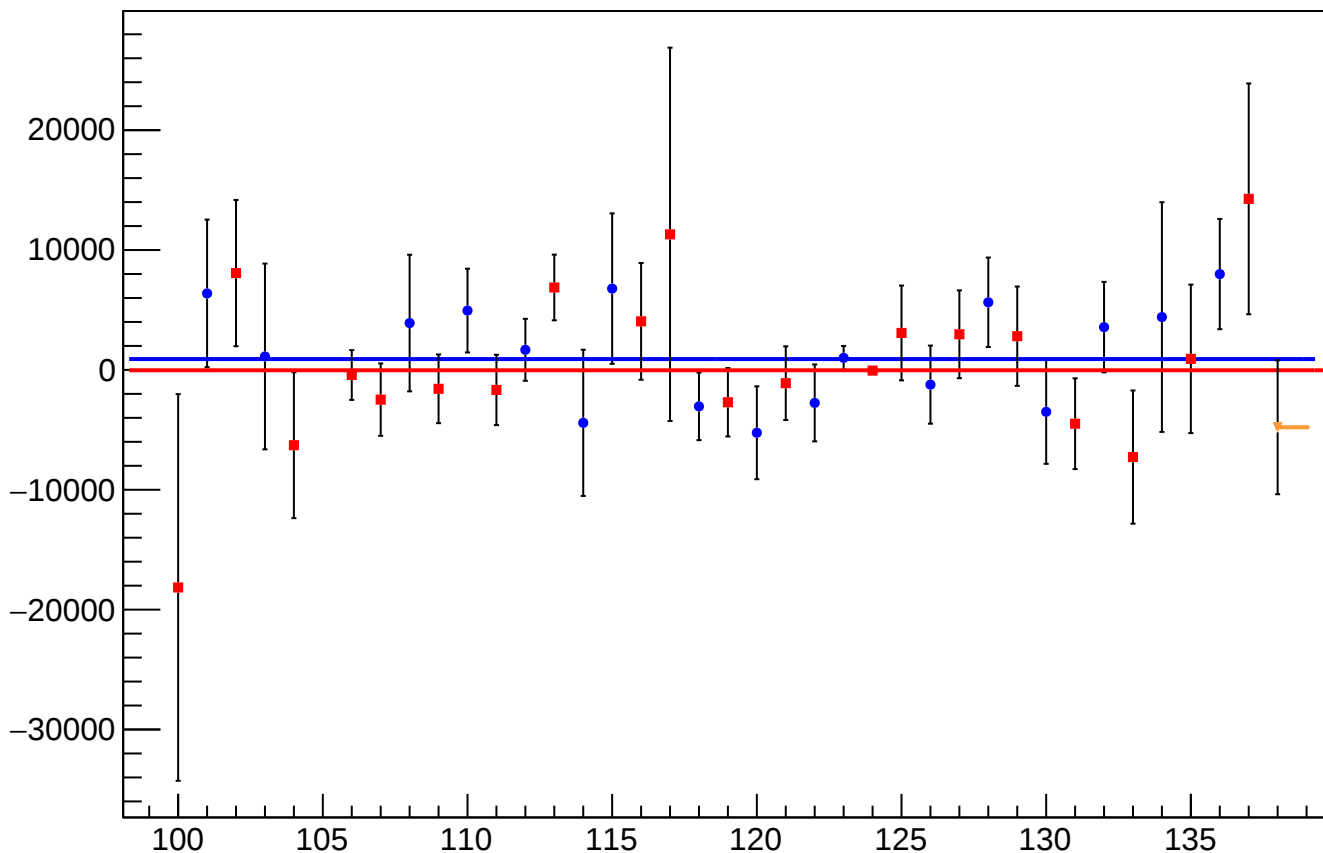
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1699.621+/-0.448 χ^2/NDF : 210669.3/17

1709.430+/-0.322 χ^2/NDF : 607882.5/37

1719.963+/-0.464 χ^2/NDF : 396217.5/19

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 903.344+/-705.564 χ^2/NDF : 16.0/16

Left Out: -4785.158+/-5588.174 χ^2/NDF : 0.0/0

Right Out: -32.177+/-357.083 χ^2/NDF : 21.0/19

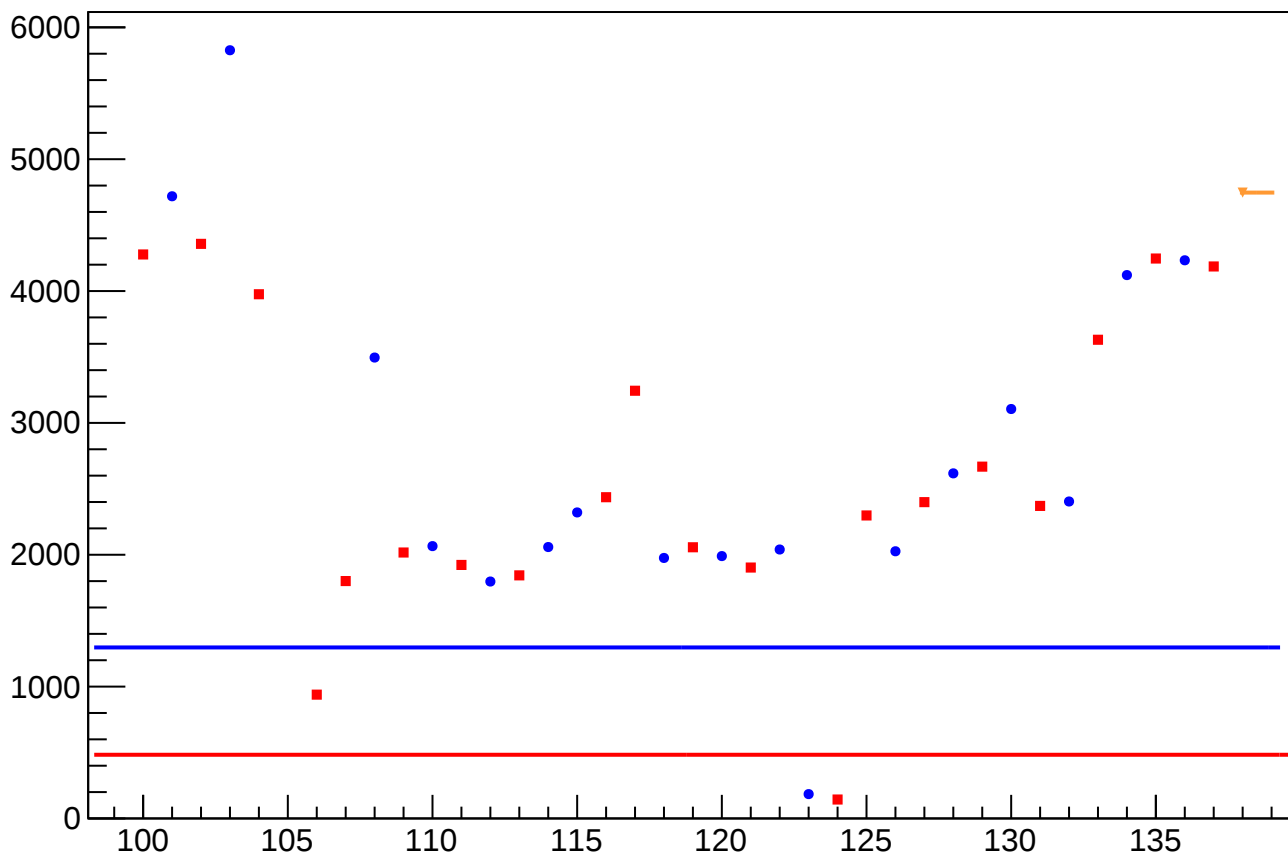
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

814.083+/-700.007 χ^2/NDF : 17.0/17

142.563+/-318.087 χ^2/NDF : 39.2/37

-32.177+/-357.083 χ^2/NDF : 21.0/19

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 1297.005+/-0.499 χ^2/NDF : 6509608.5/16

Left Out: 4746.812+/-3.951 χ^2/NDF : 0.0/0

Right Out: 483.029+/-0.252 χ^2/NDF : 10207063.0/19

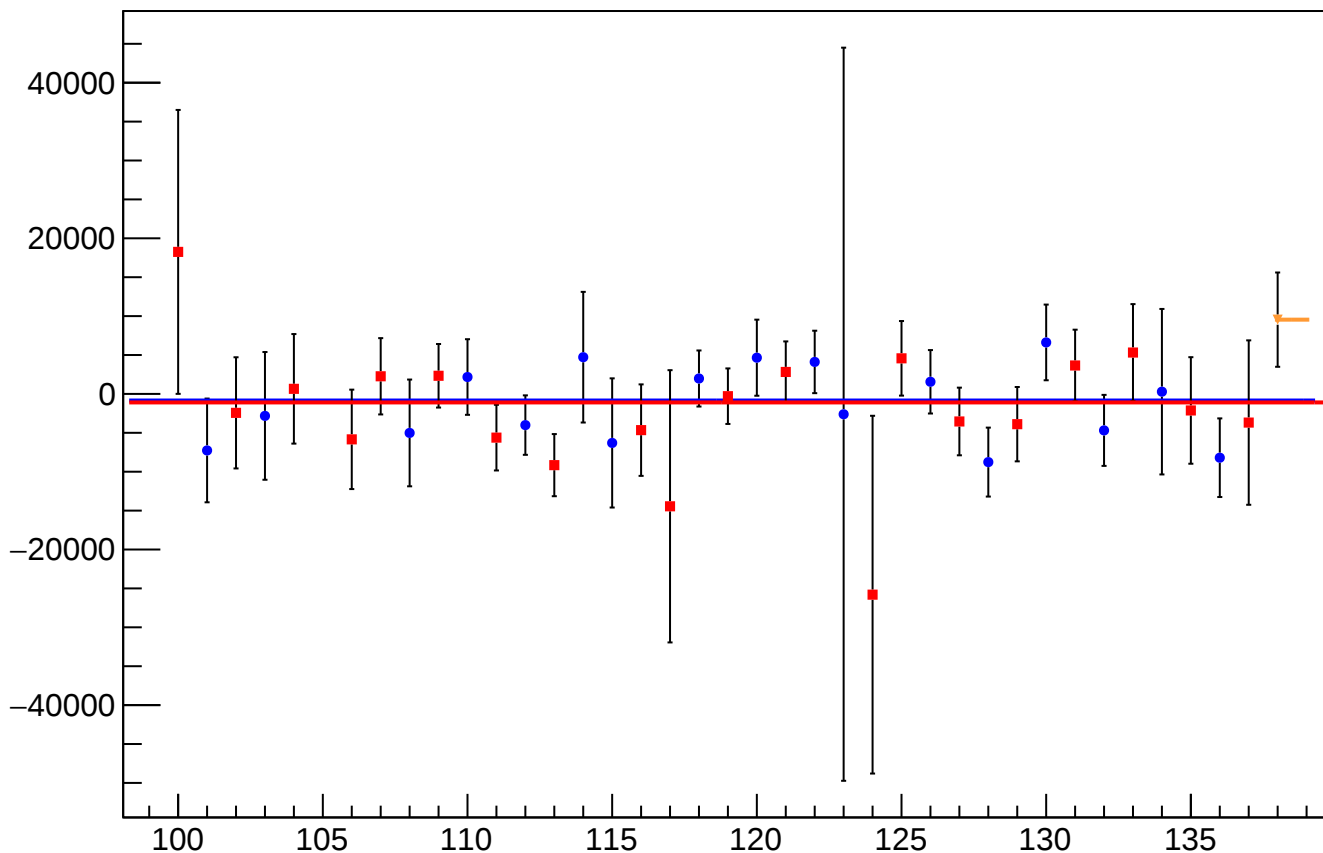
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1351.137+/-0.495 χ^2/NDF : 7259867.5/17

662.281+/-0.225 χ^2/NDF : 19907707.9/37

483.029+/-0.252 χ^2/NDF : 10207063.0/19

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -849.372+/-1261.026 χ^2/NDF : 15.4/16

Left Out: 9544.505+/-6059.824 χ^2/NDF : 0.0/0

Right Out: -1095.033+/-1187.966 χ^2/NDF : 15.6/19

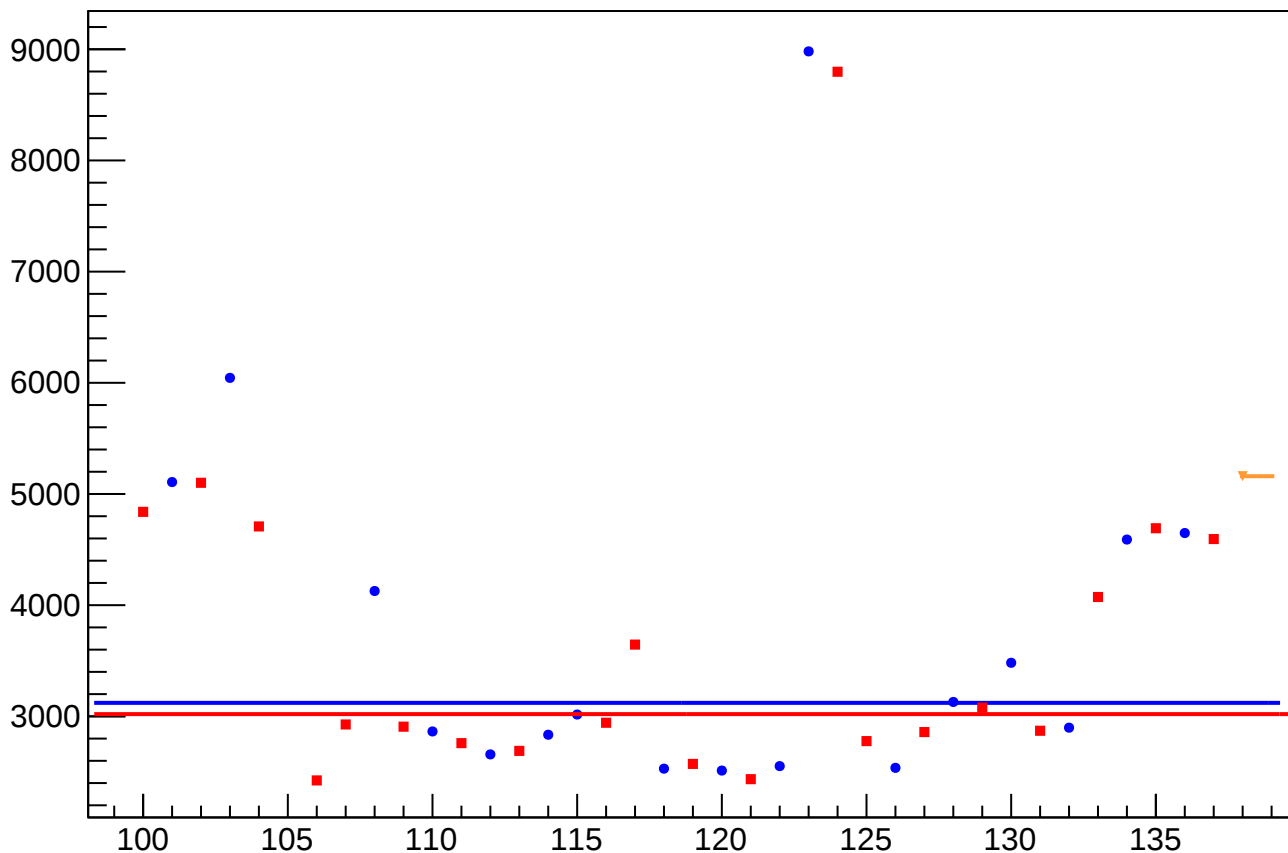
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-417.958+/-1234.578 χ^2/NDF : 18.3/17

-769.518+/-856.023 χ^2/NDF : 34.0/37

-1095.033+/-1187.966 χ^2/NDF : 15.6/19

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3121.417+/-0.892 χ^2/NDF : 945708.1/16

Left Out: 5159.868+/-4.285 χ^2/NDF : 0.0/0

Right Out: 3020.039+/-0.830 χ^2/NDF : 794563.8/19

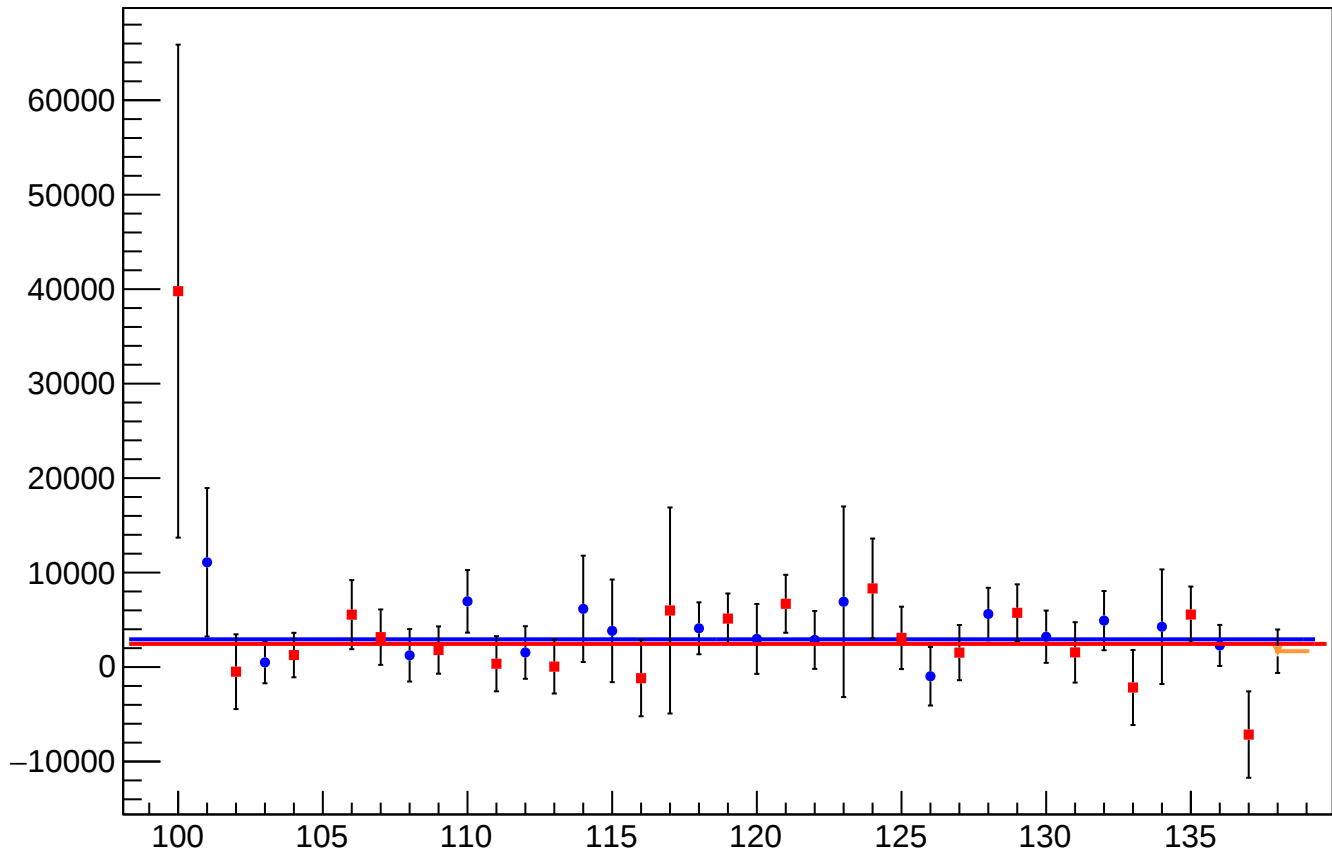
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3206.025+/-0.873 χ^2/NDF : 1162628.4/17

3108.298+/-0.601 χ^2/NDF : 1981042.2/37

3020.039+/-0.830 χ^2/NDF : 794563.8/19

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2935.827+/-775.365 χ^2/NDF : 8.2/16

Left Out: 1675.506+/-2300.661 χ^2/NDF : 0.0/0

Right Out: 2449.072+/-738.715 χ^2/NDF : 18.3/19

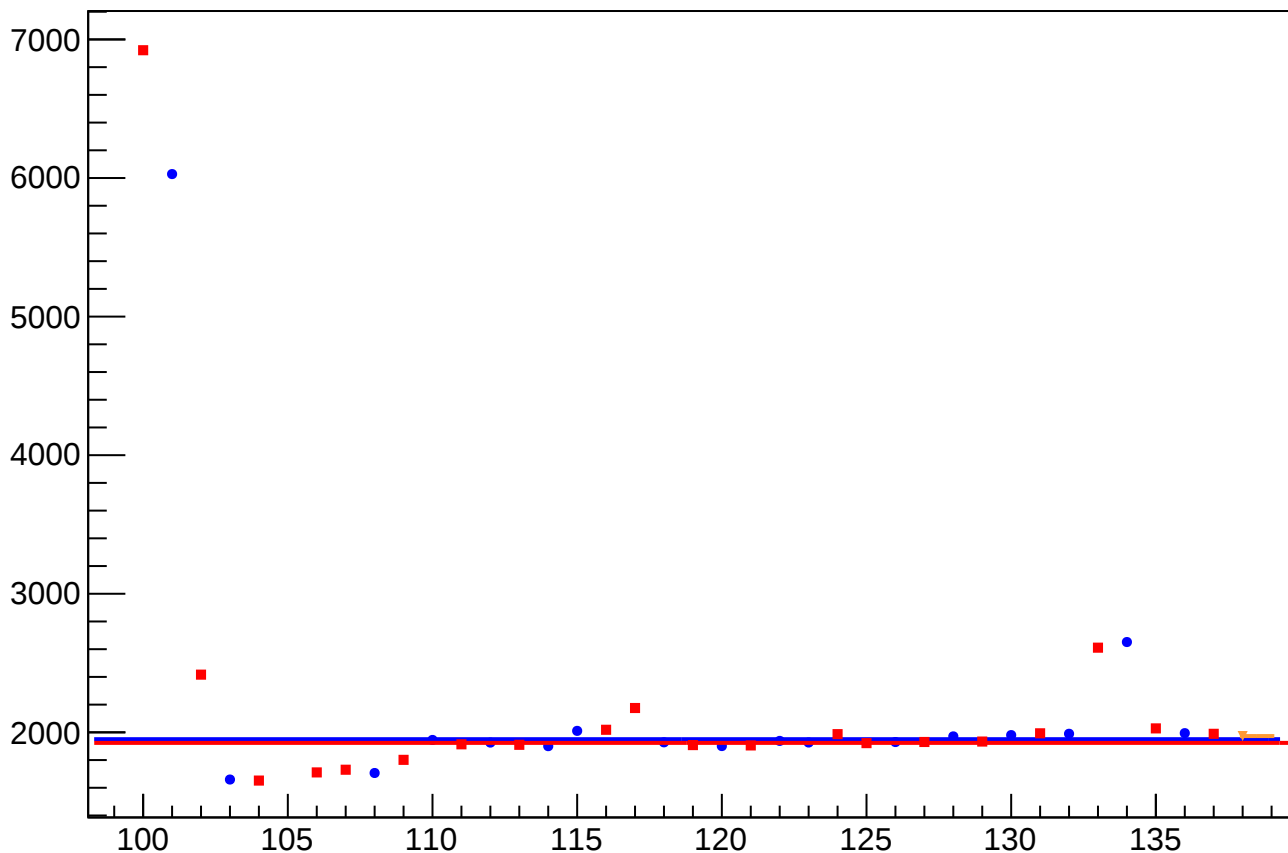
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2807.279+/-734.759 χ^2/NDF : 8.4/17

2629.137+/-520.946 χ^2/NDF : 26.8/37

2449.072+/-738.715 χ^2/NDF : 18.3/19

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1950.615+/-0.548 χ^2/NDF : 617332.2/16

Left Out: 1973.126+/-1.627 χ^2/NDF : 0.0/0

Right Out: 1923.907+/-0.521 χ^2/NDF : 218470.6/19

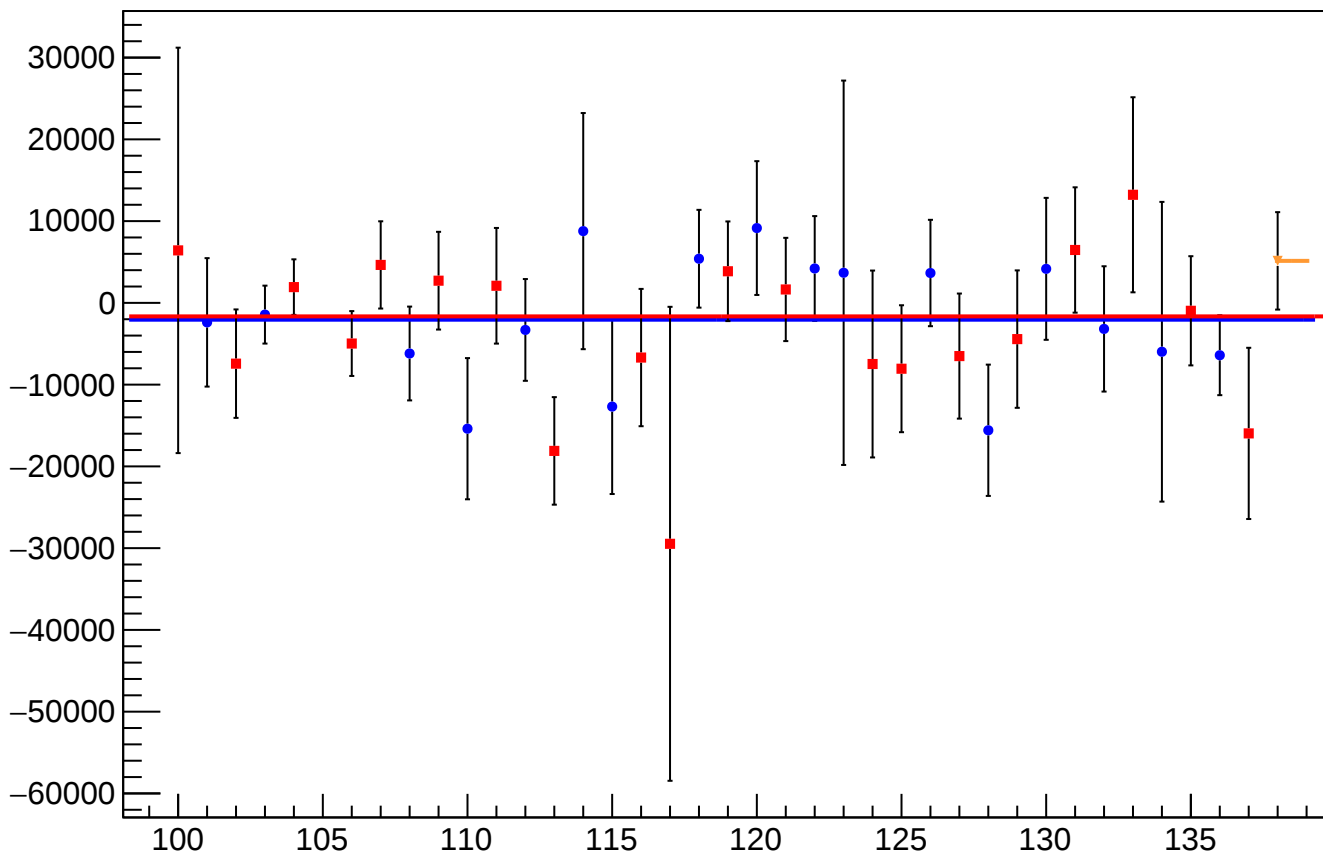
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1952.911+/-0.520 χ^2/NDF : 617504.1/17

1938.453+/-0.368 χ^2/NDF : 837528.2/37

1923.907+/-0.521 χ^2/NDF : 218470.6/19

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -2056.876+/-1661.079 χ^2/NDF : 14.0/16

Left Out: 5137.467+/-5958.987 χ^2/NDF : 0.0/0

Right Out: -1652.978+/-1475.490 χ^2/NDF : 19.5/19

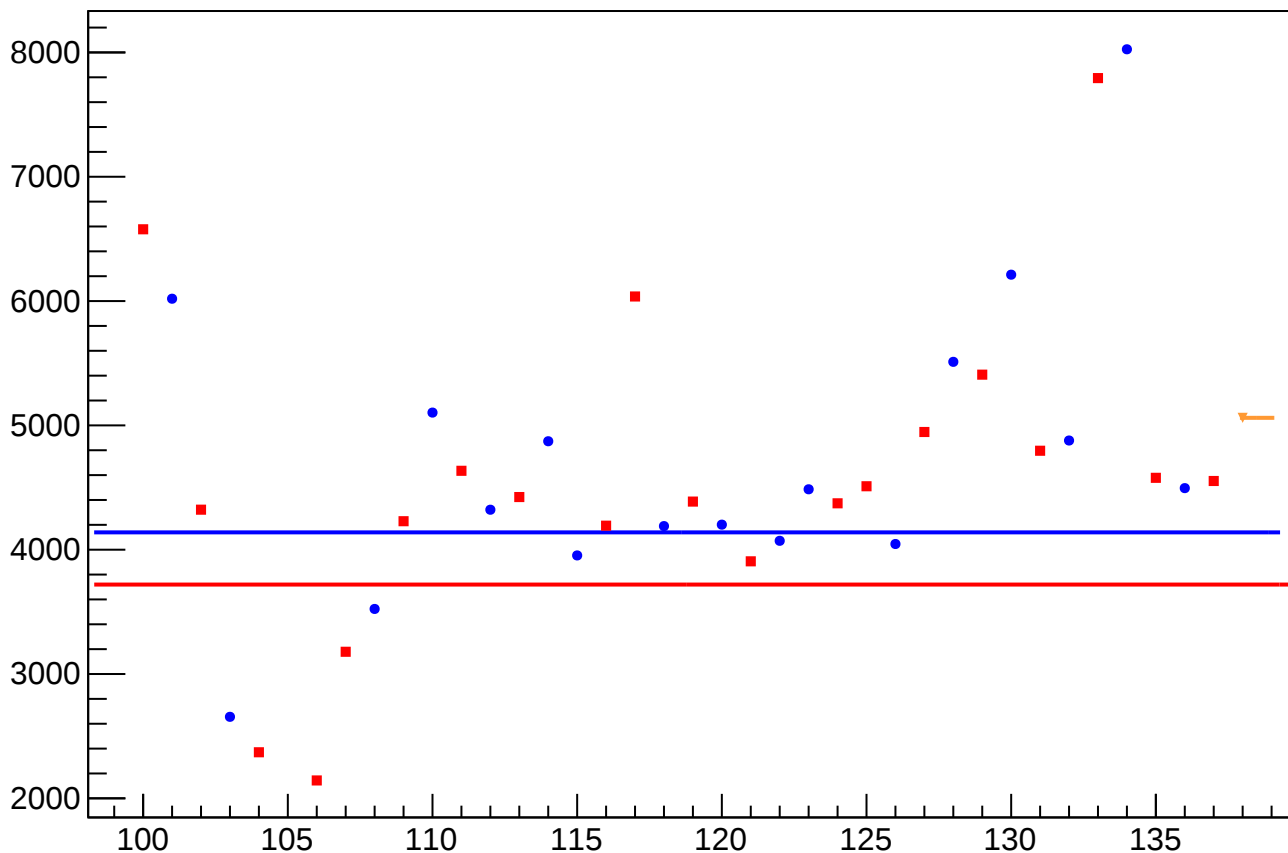
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1538.162+/-1600.076 χ^2/NDF : 15.3/17

-1600.214+/-1084.703 χ^2/NDF : 34.8/37

-1652.978+/-1475.490 χ^2/NDF : 19.5/19

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 4139.394+/-1.175 χ^2/NDF : 813550.8/16

Left Out: 5060.768+/-4.214 χ^2/NDF : 0.0/0

Right Out: 3719.546+/-1.043 χ^2/NDF : 1288644.4/19

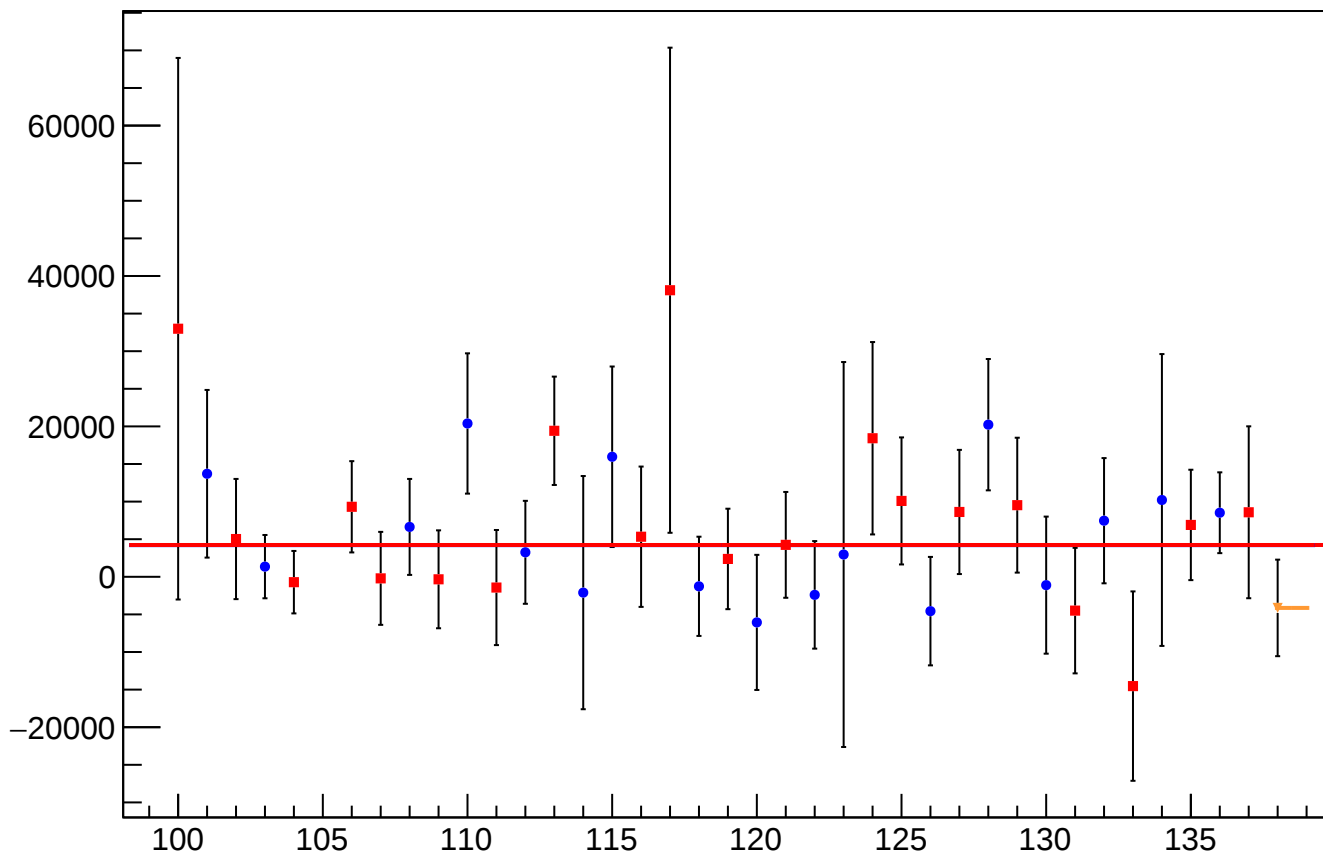
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4205.825+/-1.131 χ^2/NDF : 857917.6/17

3943.019+/-0.767 χ^2/NDF : 2246393.9/37

3719.546+/-1.043 χ^2/NDF : 1288644.4/19

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 4211.844+/-1871.304 χ^2/NDF : 14.4/16

Left Out: -4136.747+/-6418.356 χ^2/NDF : 0.0/0

Right Out: 4230.596+/-1722.878 χ^2/NDF : 15.9/19

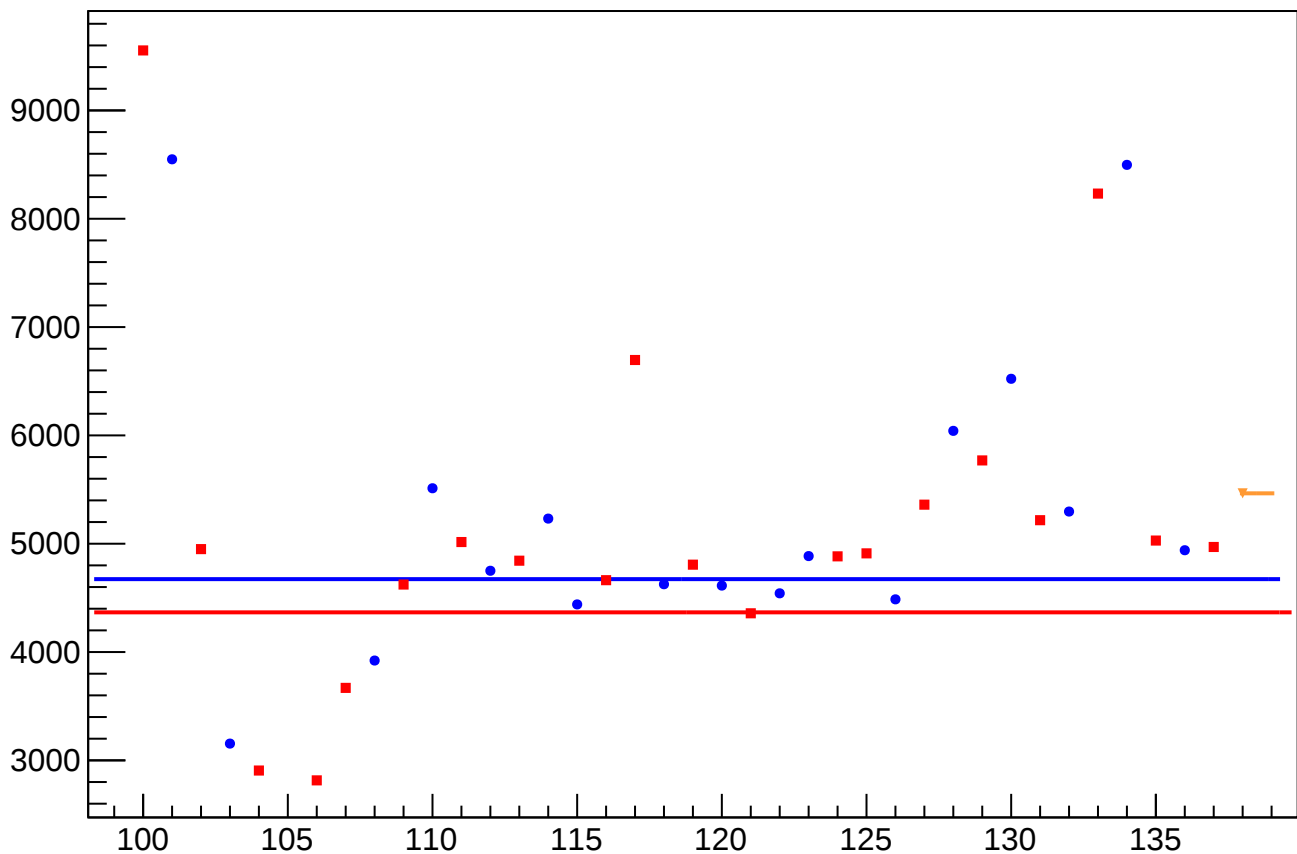
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3557.776+/-1796.506 χ^2/NDF : 16.0/17

3908.255+/-1243.473 χ^2/NDF : 31.9/37

4230.596+/-1722.878 χ^2/NDF : 15.9/19

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4673.046+/-1.323 χ^2/NDF : 777321.1/16

Left Out: 5465.140+/-4.538 χ^2/NDF : 0.0/0

Right Out: 4366.422+/-1.211 χ^2/NDF : 842654.3/19

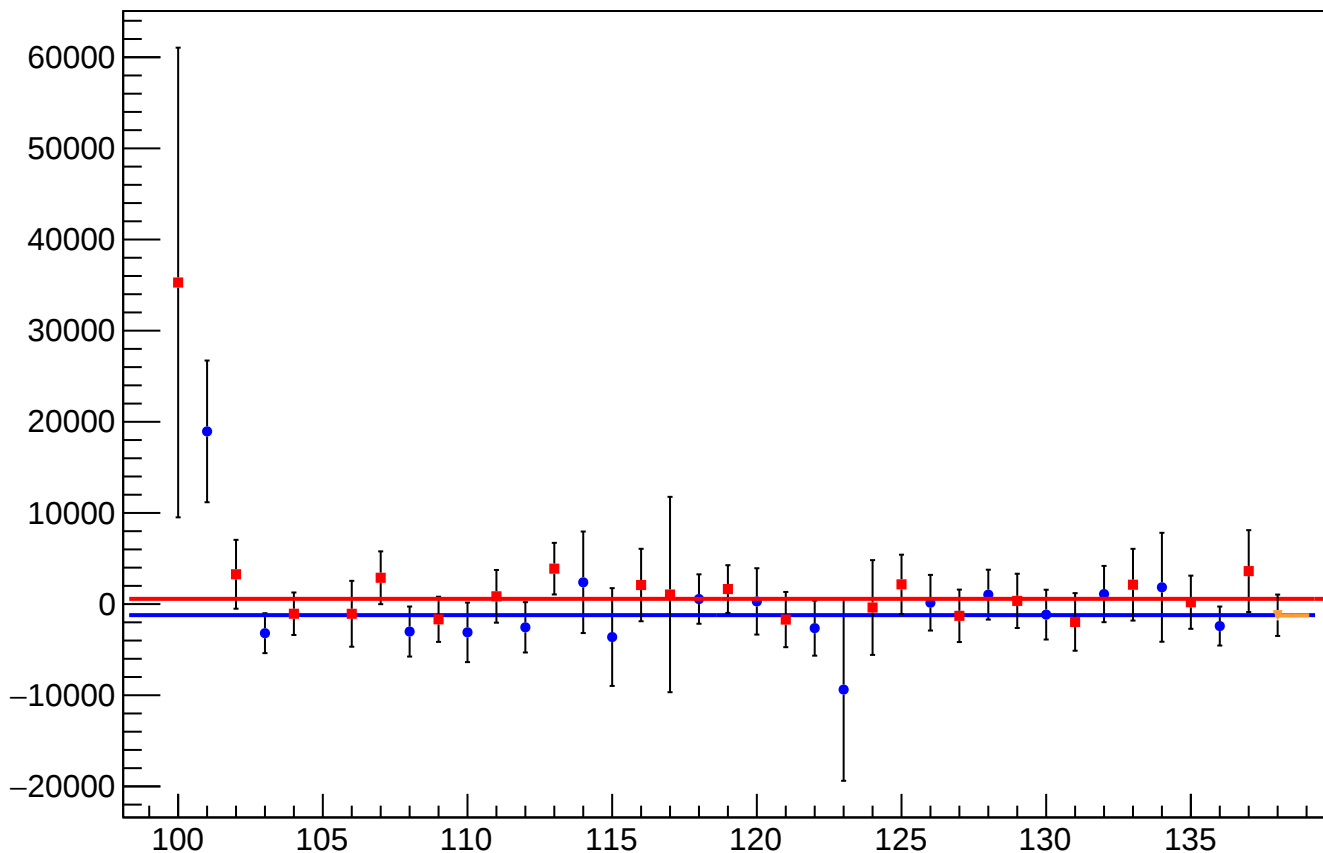
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4735.102+/-1.270 χ^2/NDF : 805395.2/17

4541.990+/-0.877 χ^2/NDF : 1692169.0/37

4366.422+/-1.211 χ^2/NDF : 842654.3/19

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1211.176+/-765.294 χ^2/NDF : 12.7/16

Left Out: -1225.196+/-2270.483 χ^2/NDF : 0.0/0

Right Out: 575.663+/-728.976 χ^2/NDF : 8.7/19

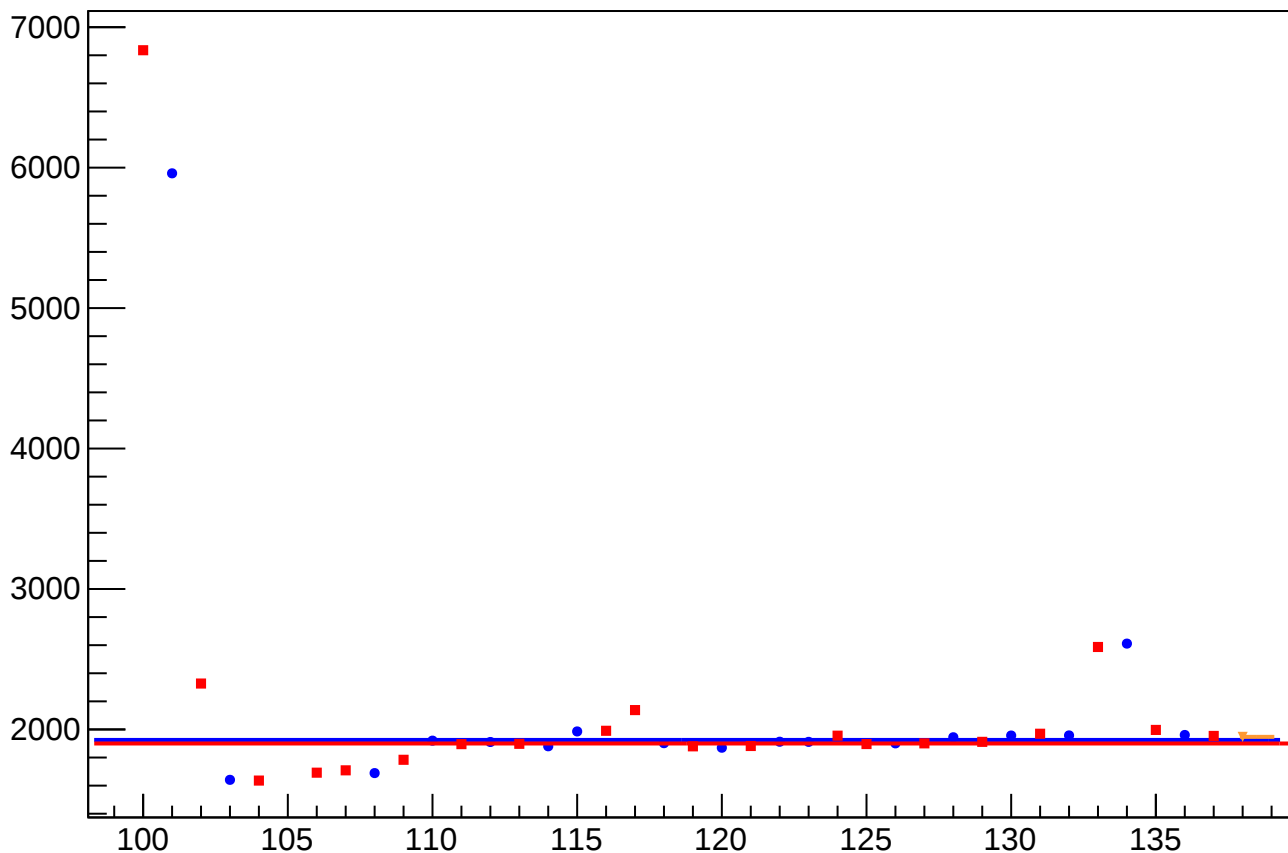
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1212.606+/-725.206 χ^2/NDF : 12.7/17

-323.107+/-514.126 χ^2/NDF : 24.4/37

575.663+/-728.976 χ^2/NDF : 8.7/19

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1925.320+/-0.541 χ^2/NDF : 615863.6/16

Left Out: 1947.244+/-1.605 χ^2/NDF : 0.0/0

Right Out: 1899.955+/-0.514 χ^2/NDF : 211865.1/19

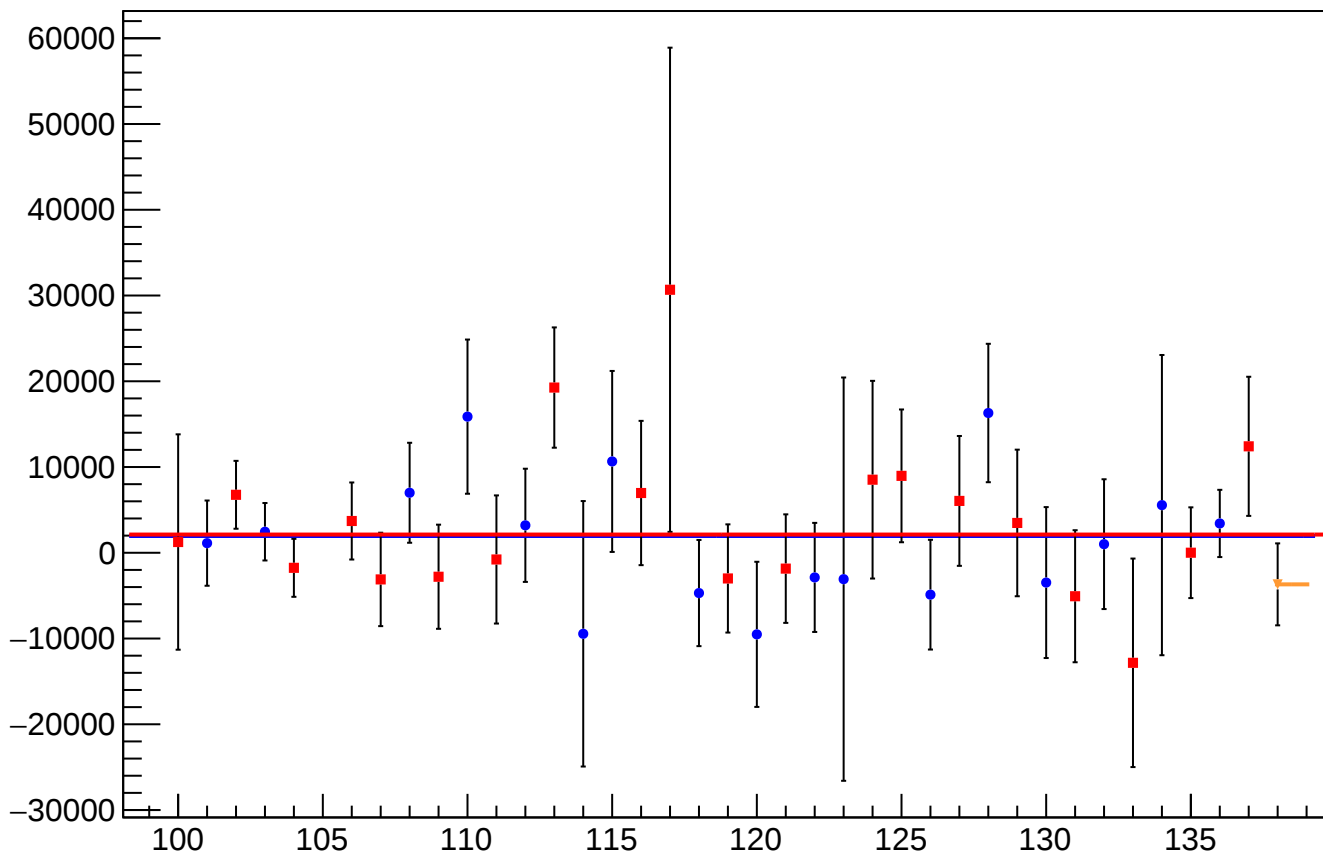
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1927.557+/-0.513 χ^2/NDF : 616031.1/17

1913.796+/-0.363 χ^2/NDF : 829340.6/37

1899.955+/-0.514 χ^2/NDF : 211865.1/19

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 1959.060+/-1556.840 χ^2/NDF : 12.9/16

Left Out: -3683.684+/-4779.140 χ^2/NDF : 0.0/0

Right Out: 2124.415+/-1411.872 χ^2/NDF : 18.5/19

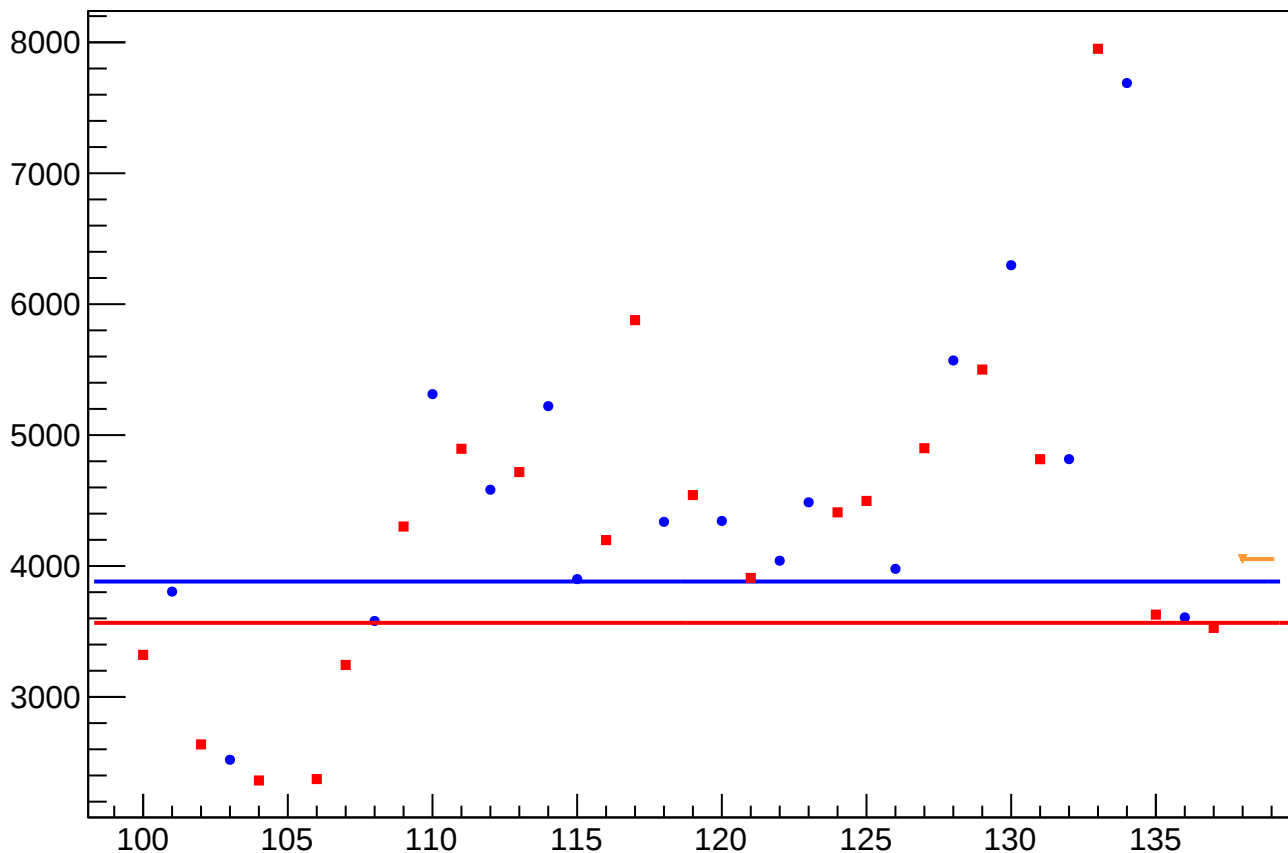
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1417.710+/-1480.278 χ^2/NDF : 14.2/17

1787.768+/-1021.672 χ^2/NDF : 32.8/37

2124.415+/-1411.872 χ^2/NDF : 18.5/19

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 3881.577+/-1.101 χ^2/NDF : 817466.6/16

Left Out: 4053.032+/-3.379 χ^2/NDF : 0.0/0

Right Out: 3565.851+/-0.998 χ^2/NDF : 1254973.6/19

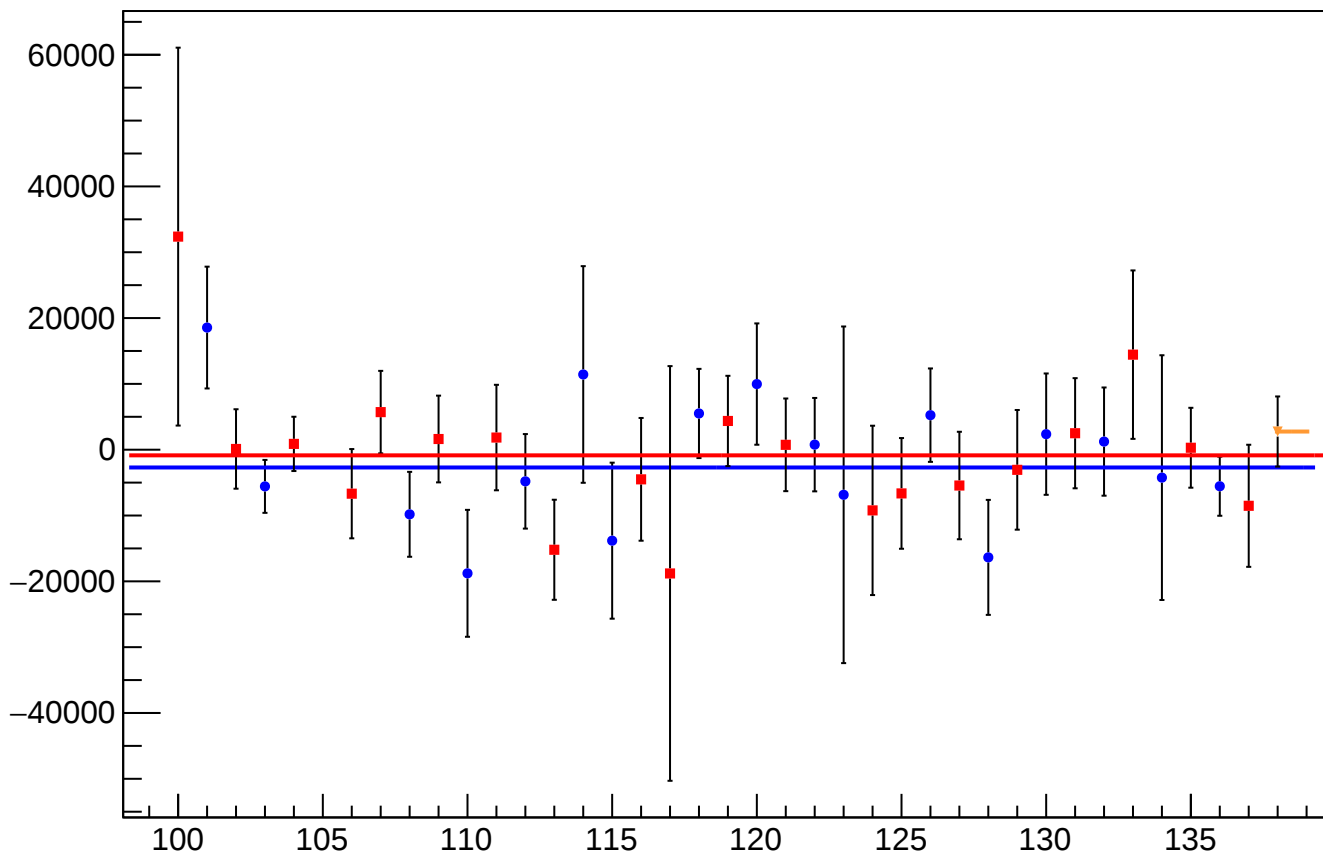
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3898.026+/-1.047 χ^2/NDF : 819793.8/17

3724.087+/-0.722 χ^2/NDF : 2127503.7/37

3565.851+/-0.998 χ^2/NDF : 1254973.6/19

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2700.702+/-1809.055 χ^2/NDF : 19.8/16

Left Out: 2759.468+/-5329.044 χ^2/NDF : 0.0/0

Right Out: -857.617+/-1687.925 χ^2/NDF : 11.9/19

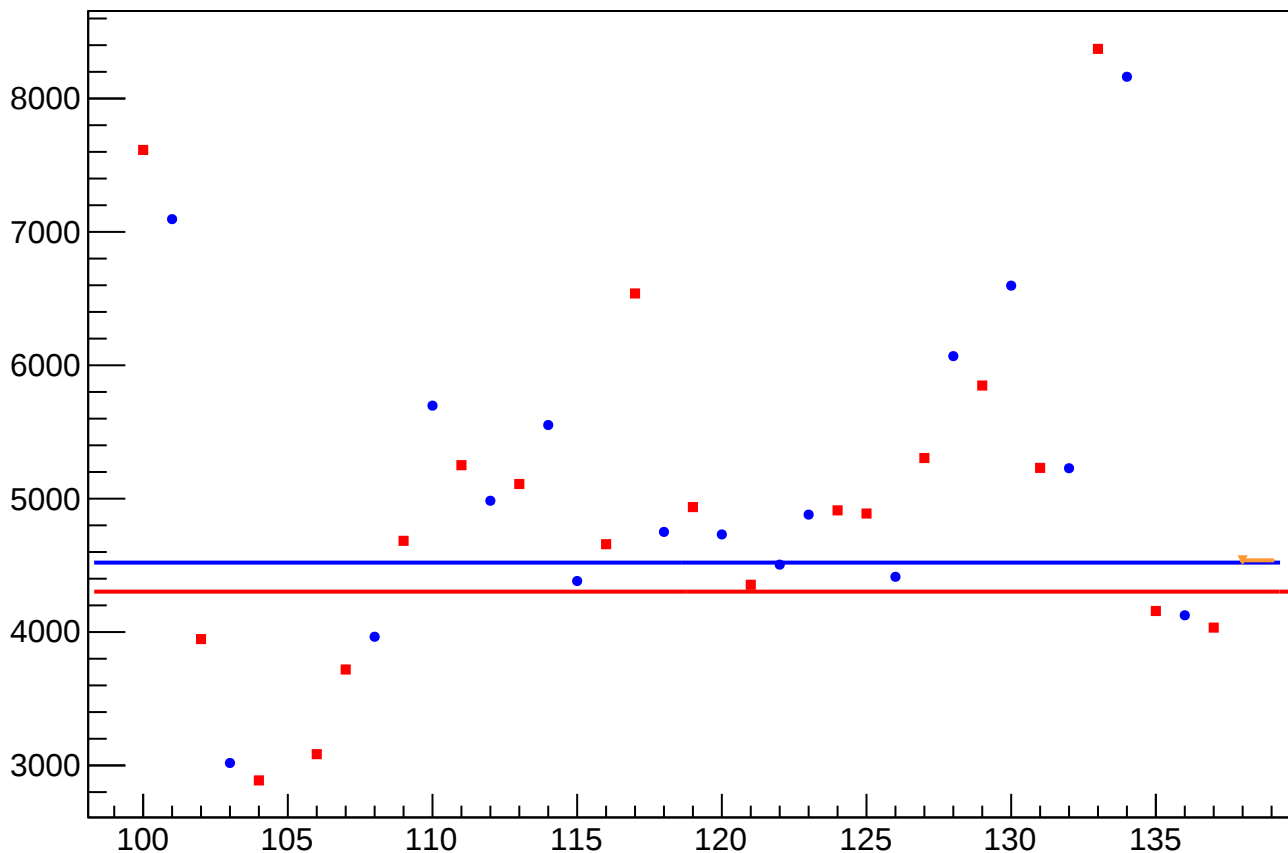
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2136.490+/-1713.040 χ^2/NDF : 20.7/17

-1487.610+/-1202.325 χ^2/NDF : 32.9/37

-857.617+/-1687.925 χ^2/NDF : 11.9/19

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4520.685 $\pm$ 1.279 χ^2 /NDF: 770887.4/16

Left Out: 4537.753 $\pm$ 3.768 χ^2 /NDF: 0.0/0

Right Out: 4302.892 $\pm$ 1.187 χ^2 /NDF: 781886.1/19

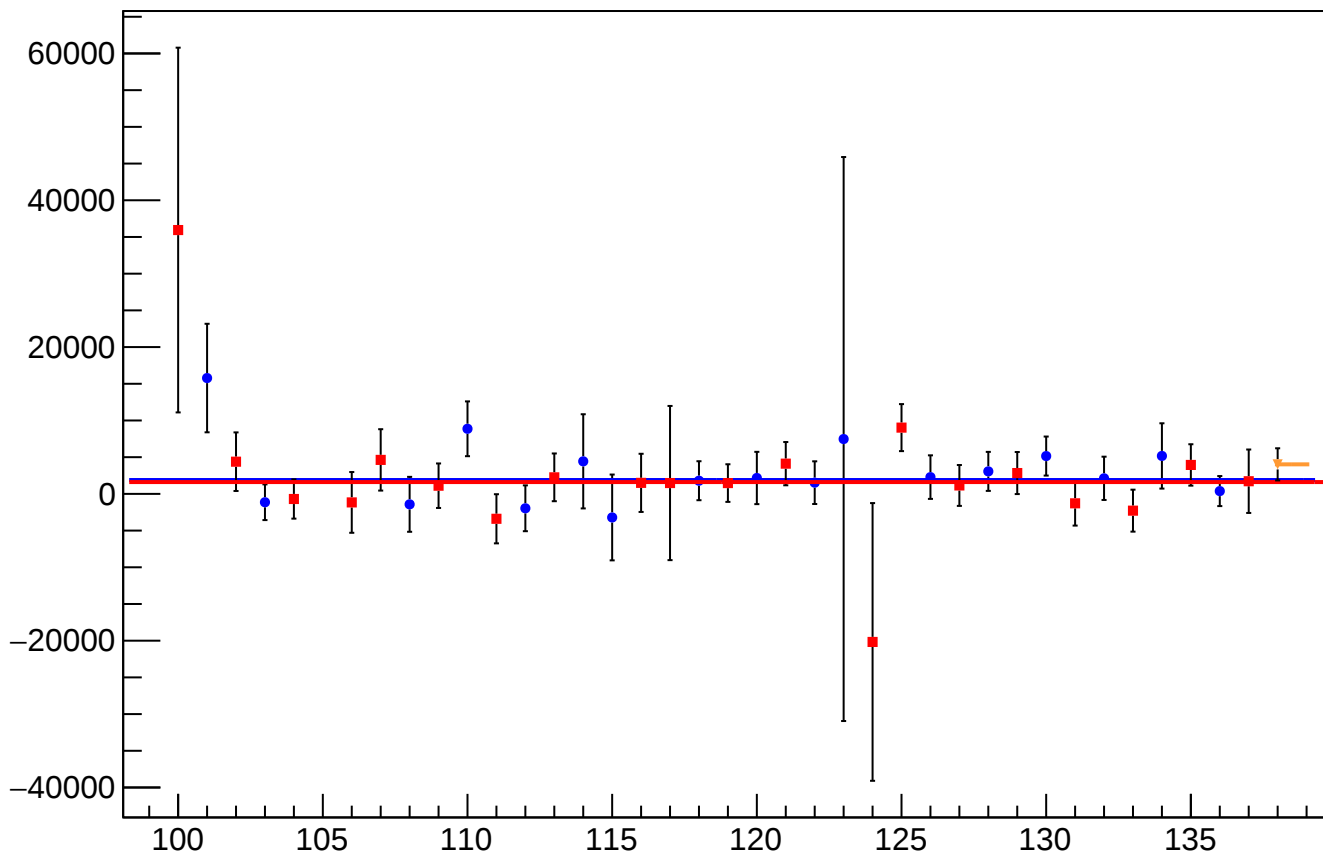
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

4522.448 $\pm$ 1.211 χ^2 /NDF: 770905.8/17

4410.440 $\pm$ 0.848 χ^2 /NDF: 1569552.5/37

4302.892 $\pm$ 1.187 χ^2 /NDF: 781886.1/19

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1887.915+/-783.827 χ^2/NDF : 14.7/16

Left Out: 4023.491+/-2189.325 χ^2/NDF : 0.0/0

Right Out: 1609.604+/-763.815 χ^2/NDF : 17.5/19

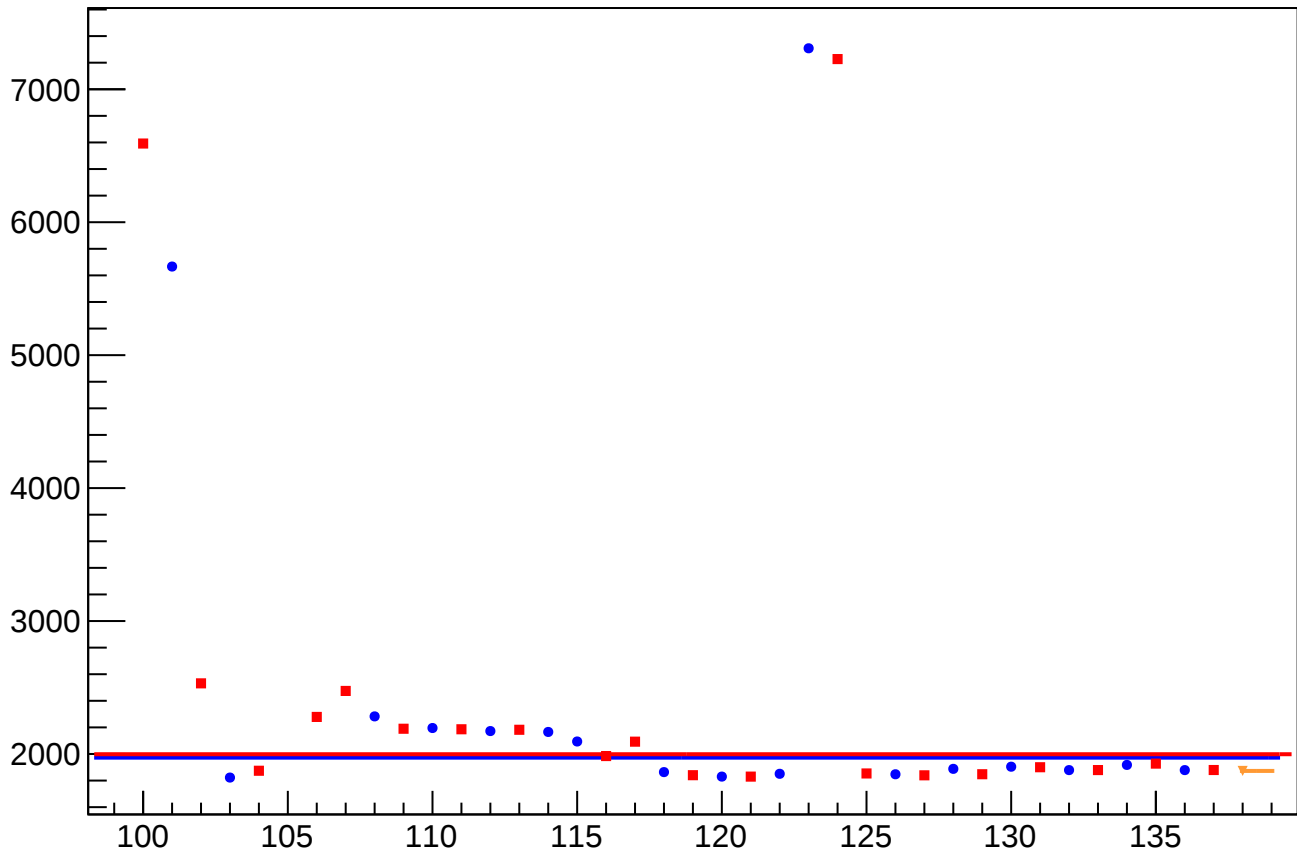
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2130.551+/-737.957 χ^2/NDF : 15.5/17

1879.045+/-530.720 χ^2/NDF : 33.2/37

1609.604+/-763.815 χ^2/NDF : 17.5/19

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1972.484+/-0.554 χ^2/NDF : 600869.6/16

Left Out: 1872.559+/-1.548 χ^2/NDF : 0.0/0

Right Out: 1998.150+/-0.540 χ^2/NDF : 355735.1/19

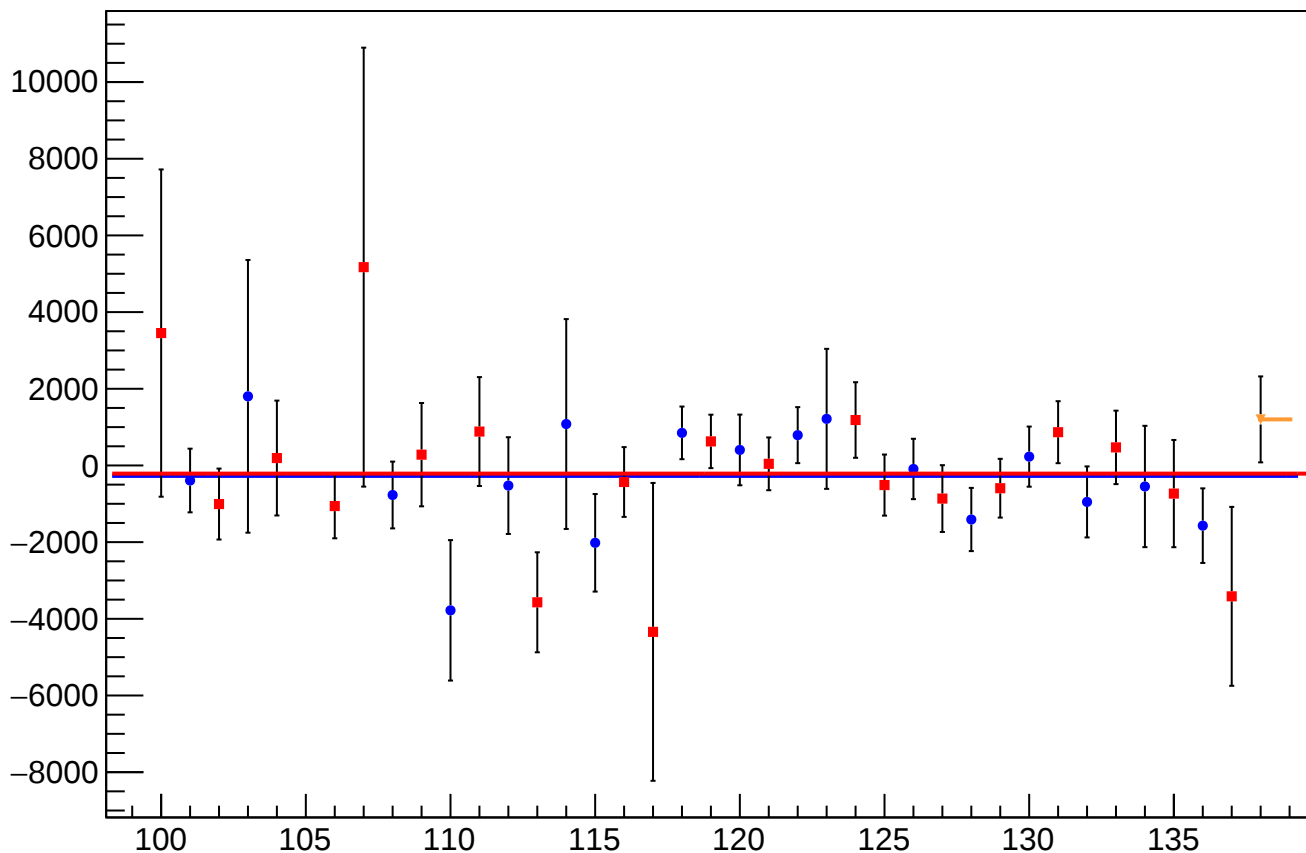
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1961.131+/-0.522 χ^2/NDF : 604562.6/17

1979.003+/-0.375 χ^2/NDF : 962727.5/37

1998.150+/-0.540 χ^2/NDF : 355735.1/19

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -271.773+/-240.214 χ^2/NDF : 17.2/16

Left Out: 1201.557+/-1120.983 χ^2/NDF : 0.0/0

Right Out: -212.774+/-228.638 χ^2/NDF : 20.9/19

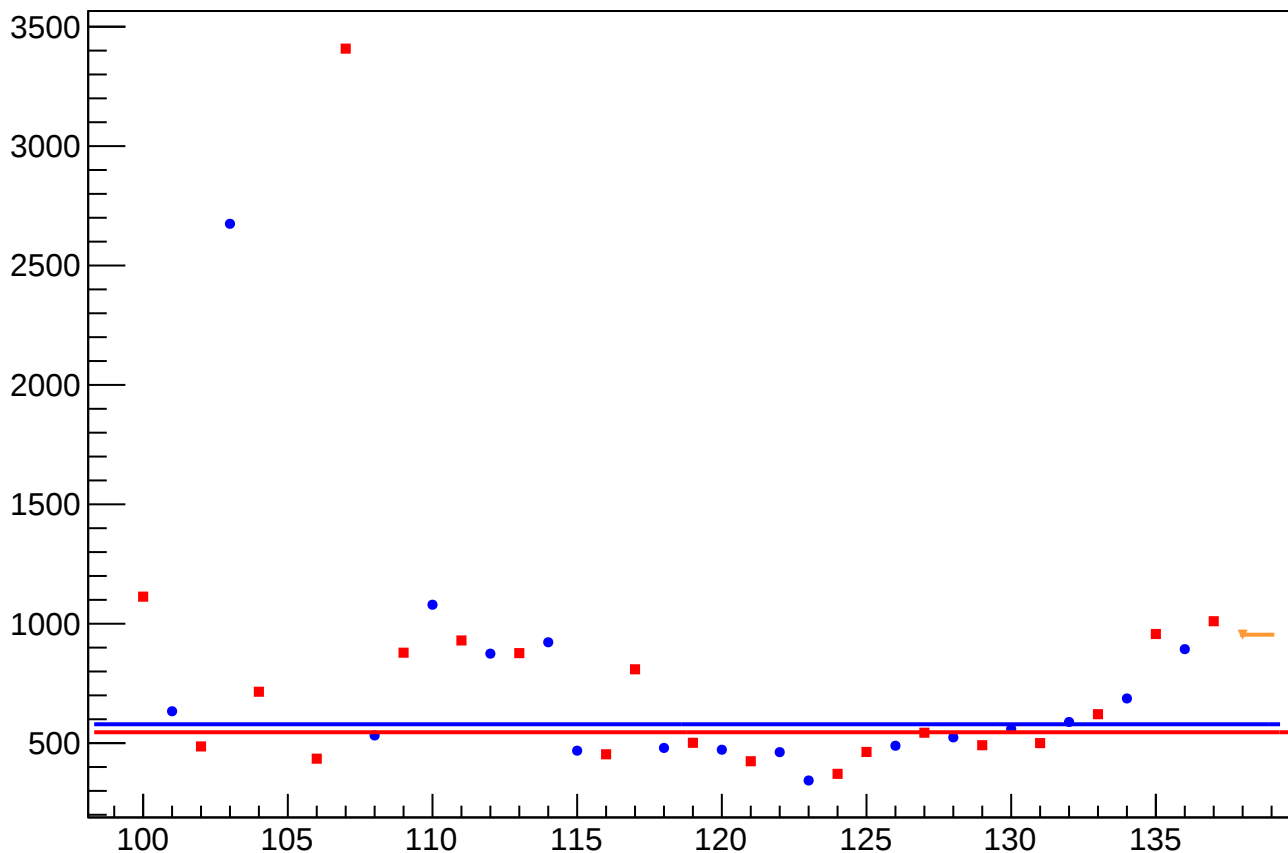
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-207.088+/-234.882 χ^2/NDF : 18.9/17

-210.008+/-163.834 χ^2/NDF : 39.7/37

-212.774+/-228.638 χ^2/NDF : 20.9/19

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 579.010 $\pm$ 0.170 χ^2 /NDF: 1422148.6/16

Left Out: 954.125 $\pm$ 0.793 χ^2 /NDF: 0.0/0

Right Out: 545.590 $\pm$ 0.162 χ^2 /NDF: 1467038.8/19

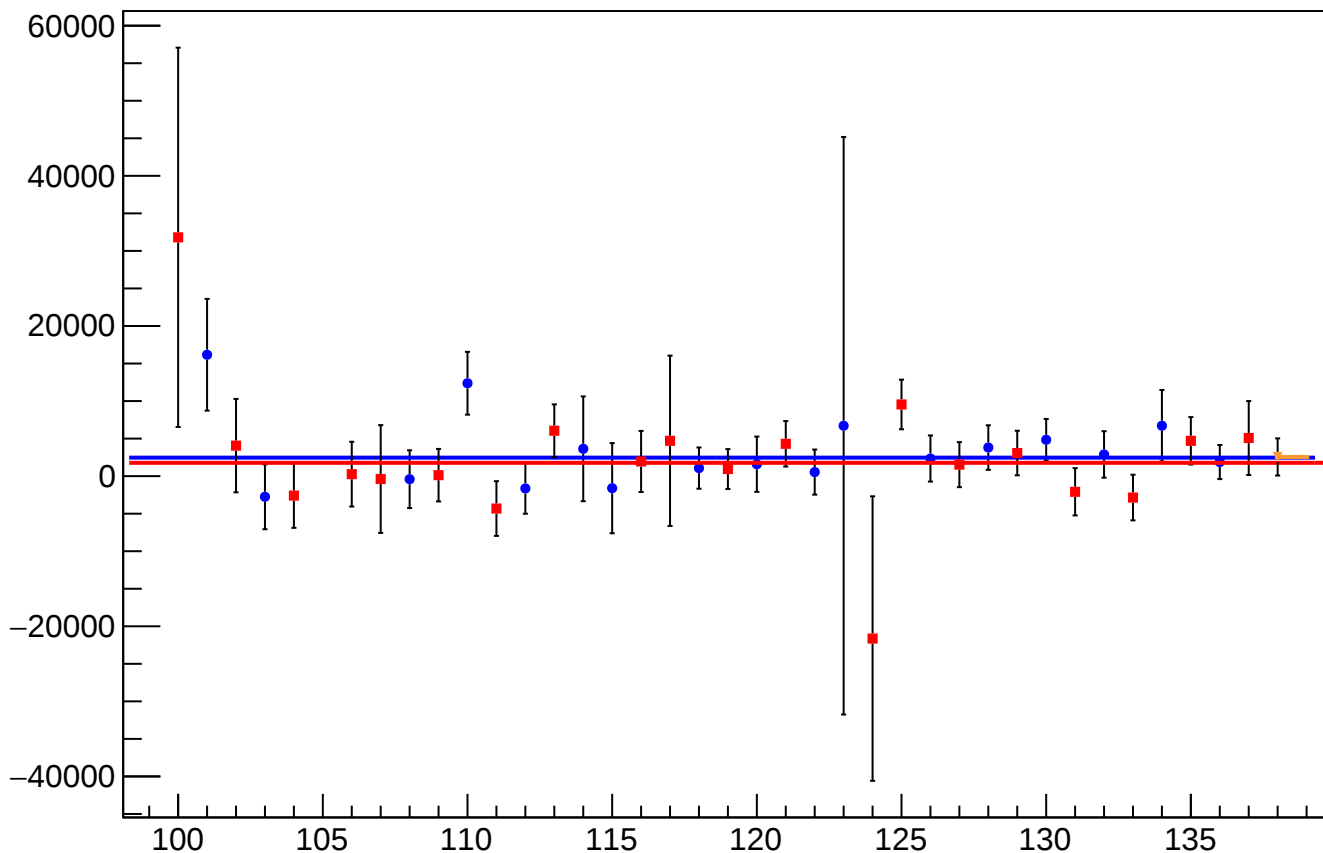
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

595.479 $\pm$ 0.166 χ^2 /NDF: 1636270.7/17

569.863 $\pm$ 0.116 χ^2 /NDF: 3149639.2/37

545.590 $\pm$ 0.162 χ^2 /NDF: 1467038.8/19

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2464.076+/-863.197 χ^2/NDF : 15.5/16

Left Out: 2555.432+/-2475.577 χ^2/NDF : 0.0/0

Right Out: 1773.396+/-850.889 χ^2/NDF : 20.5/19

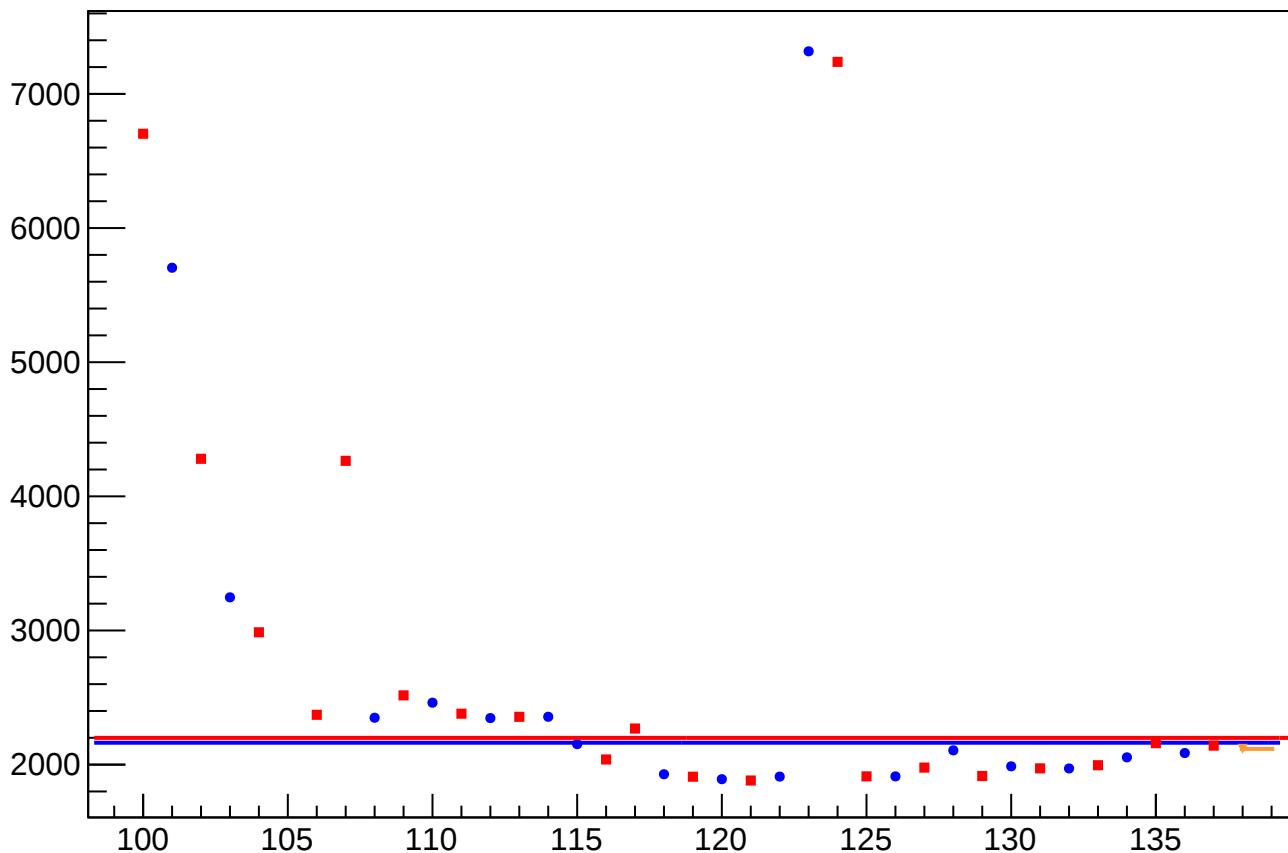
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2473.979+/-815.069 χ^2/NDF : 15.5/17

2138.744+/-588.597 χ^2/NDF : 36.4/37

1773.396+/-850.889 χ^2/NDF : 20.5/19

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2163.303+/-0.610 χ^2/NDF : 709584.4/16

Left Out: 2117.352+/-1.750 χ^2/NDF : 0.0/0

Right Out: 2199.398+/-0.602 χ^2/NDF : 803373.4/19

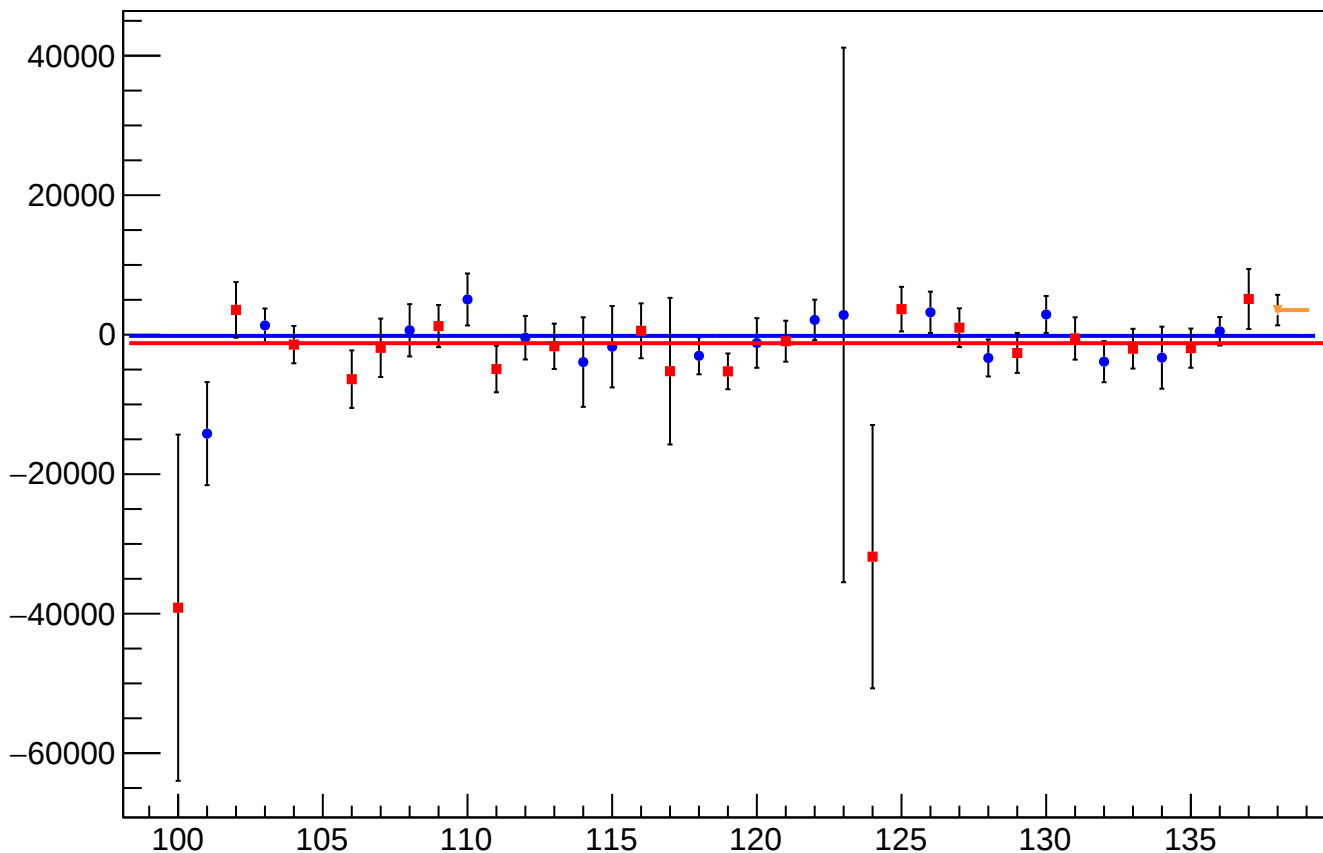
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2158.322+/-0.576 χ^2/NDF : 710198.8/17

2177.977+/-0.416 χ^2/NDF : 1516002.8/37

2199.398+/-0.602 χ^2/NDF : 803373.4/19

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -170.351+/-782.384 χ^2/NDF : 14.5/16

Left Out: 3527.633+/-2186.983 χ^2/NDF : 0.0/0

Right Out: -1218.753+/-762.243 χ^2/NDF : 18.3/19

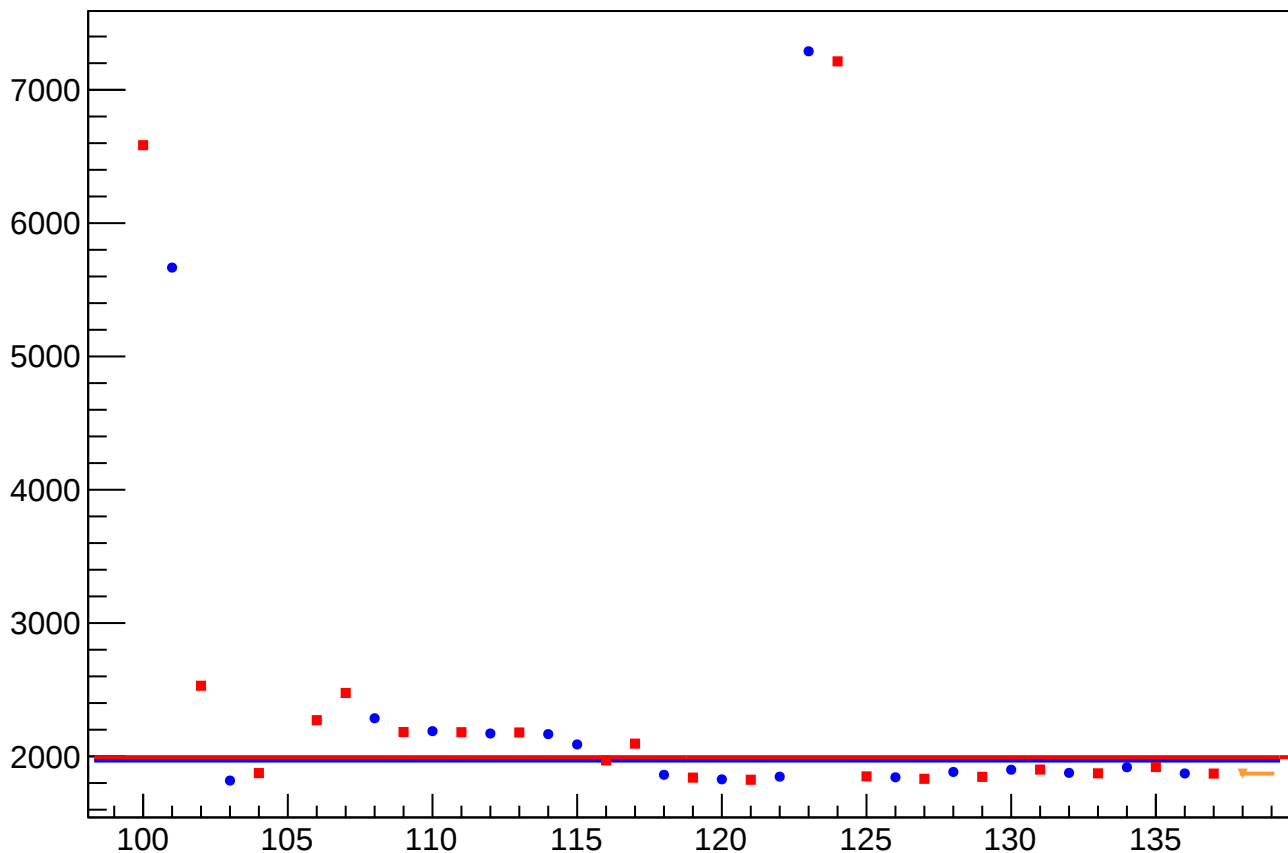
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

249.226+/-736.663 χ^2/NDF : 17.1/17

-459.719+/-529.712 χ^2/NDF : 37.3/37

-1218.753+/-762.243 χ^2/NDF : 18.3/19

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1968.632+/-0.553 χ^2/NDF : 602972.8/16

Left Out: 1870.555+/-1.546 χ^2/NDF : 0.0/0

Right Out: 1993.958+/-0.539 χ^2/NDF : 356359.6/19

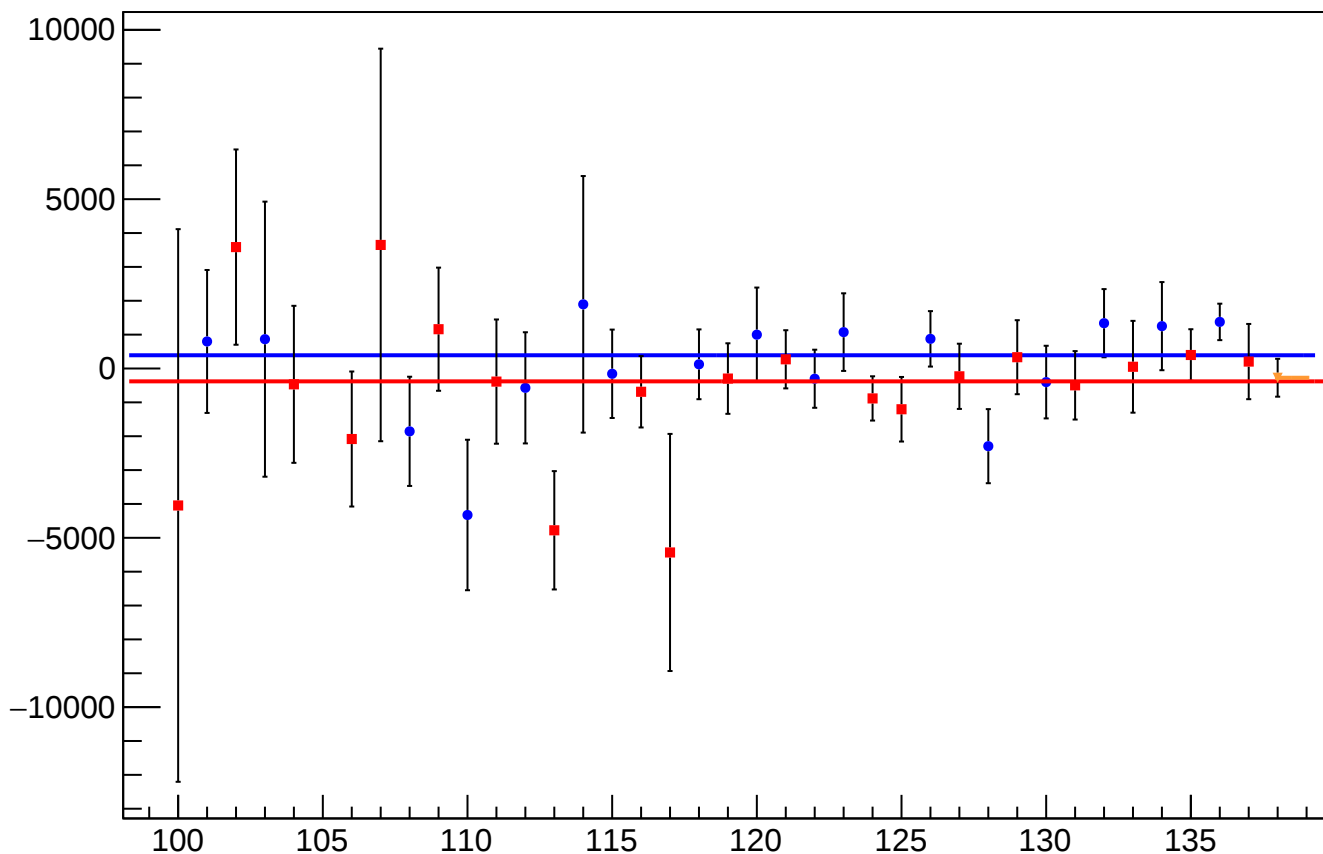
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1957.504+/-0.521 χ^2/NDF : 606538.8/17

1975.109+/-0.375 χ^2/NDF : 965263.5/37

1993.958+/-0.539 χ^2/NDF : 356359.6/19

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: 390.923+/-270.128 χ^2/NDF : 20.0/16

Left Out: -273.374+/-559.098 χ^2/NDF : 0.0/0

Right Out: -379.833+/-265.331 χ^2/NDF : 16.3/19

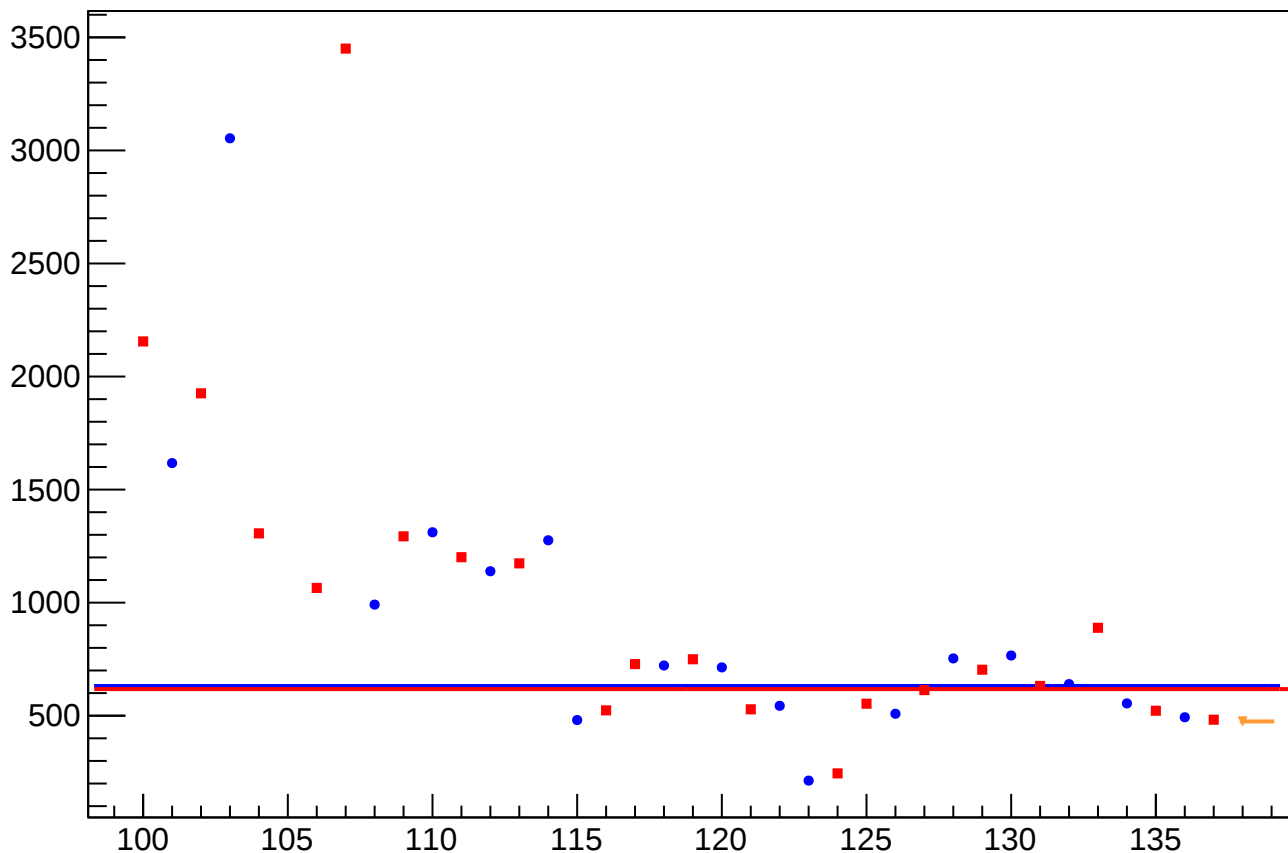
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

265.202+/-243.227 χ^2/NDF : 21.2/17

-29.332+/-179.294 χ^2/NDF : 40.7/37

-379.833+/-265.331 χ^2/NDF : 16.3/19

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 631.430+/-0.191 χ^2/NDF : 2260692.7/16

Left Out: 474.616+/-0.395 χ^2/NDF : 0.0/0

Right Out: 617.675+/-0.188 χ^2/NDF : 2804158.4/19

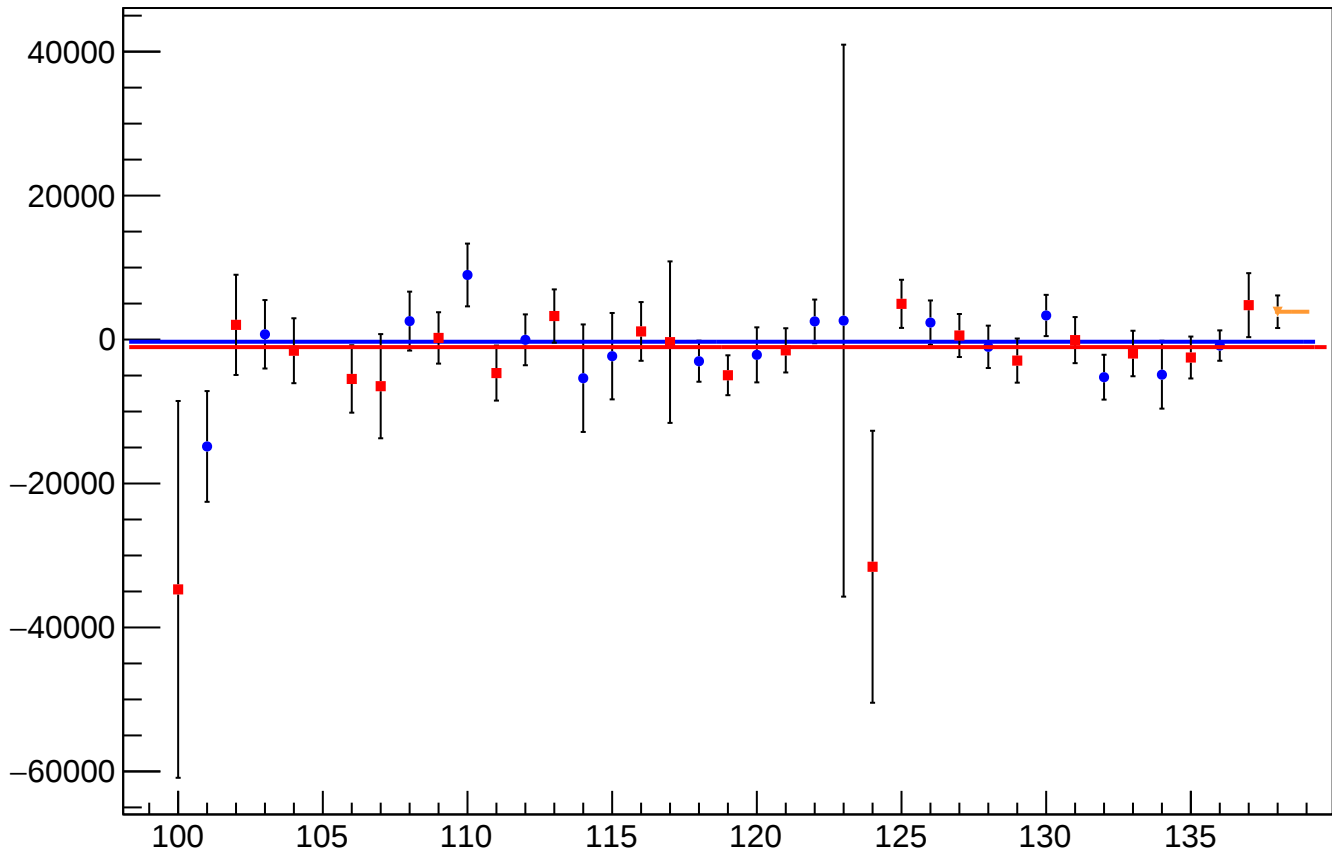
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

601.752+/-0.172 χ^2/NDF : 2388250.1/17

609.022+/-0.127 χ^2/NDF : 5196322.3/37

617.675+/-0.188 χ^2/NDF : 2804158.4/19

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -305.713+/-871.922 χ^2/NDF : 17.2/16

Left Out: 3865.230+/-2263.582 χ^2/NDF : 0.0/0

Right Out: -1052.718+/-864.863 χ^2/NDF : 16.6/19

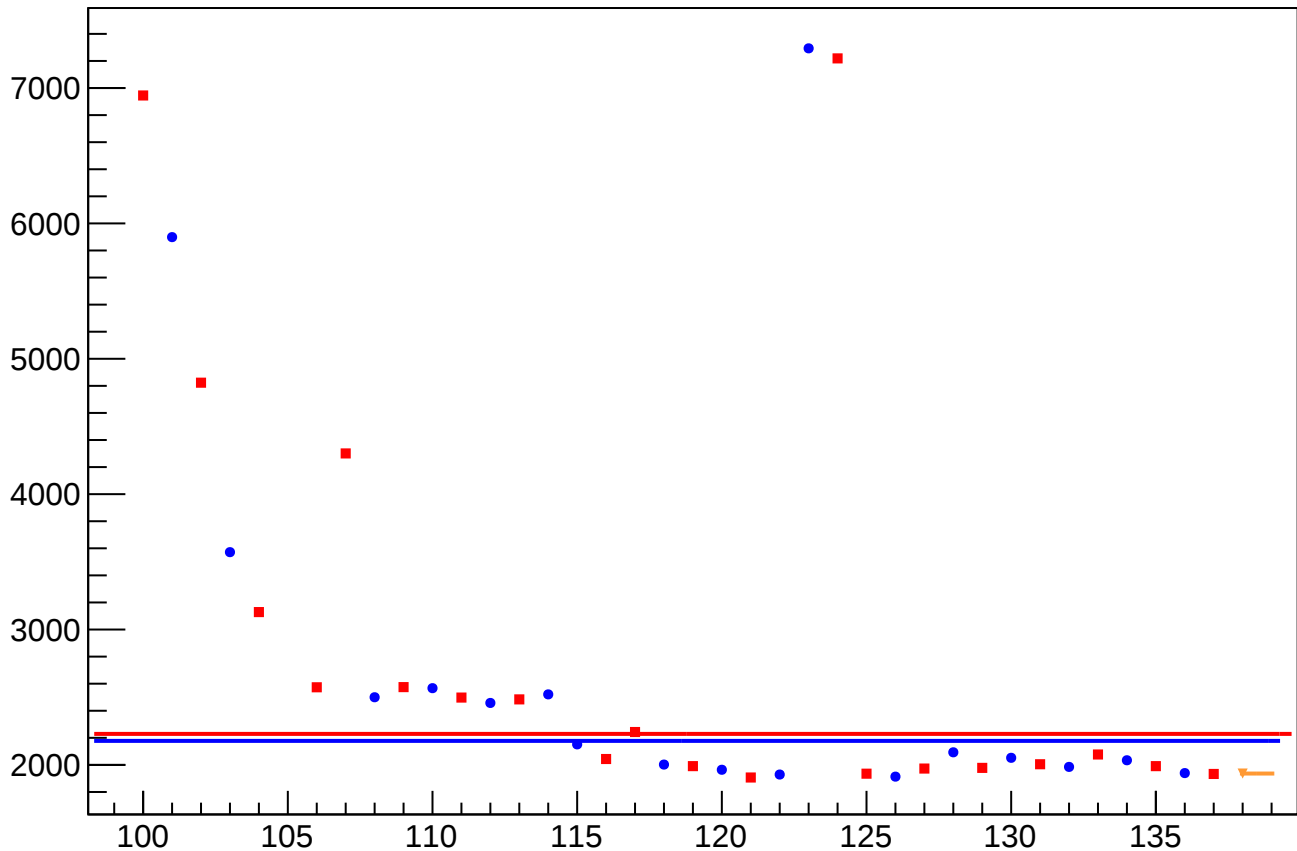
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

233.193+/-813.646 χ^2/NDF : 20.1/17

-370.561+/-592.614 χ^2/NDF : 37.9/37

-1052.718+/-864.863 χ^2/NDF : 16.6/19

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2177.446+/-0.617 χ^2/NDF : 802836.7/16

Left Out: 1936.203+/-1.601 χ^2/NDF : 0.0/0

Right Out: 2229.096+/-0.612 χ^2/NDF : 895812.2/19

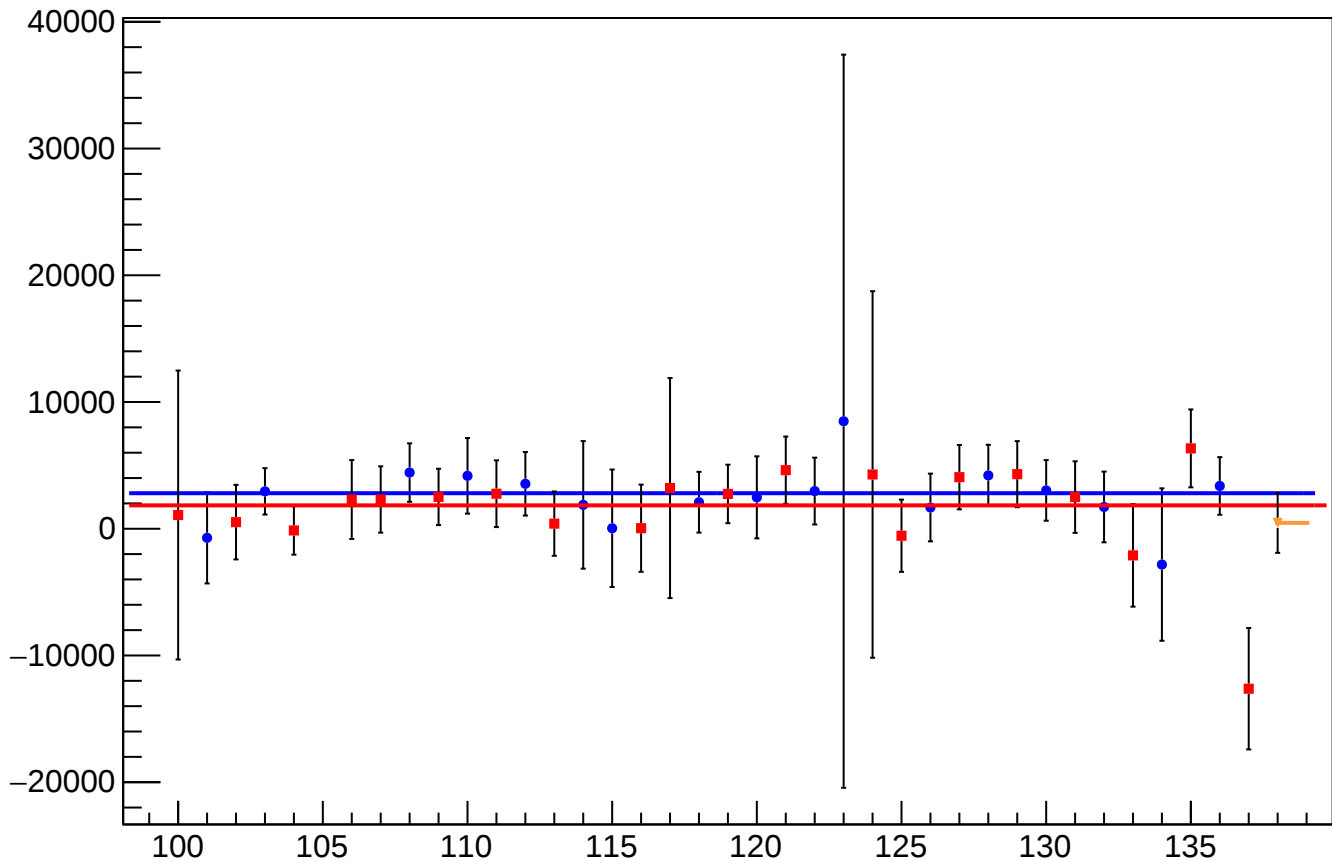
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2146.276+/-0.575 χ^2/NDF : 822618.4/17

2185.162+/-0.419 χ^2/NDF : 1728159.8/37

2229.096+/-0.612 χ^2/NDF : 895812.2/19

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2803.917+/-678.548 χ^2/NDF : 3.9/16

Left Out: 462.145+/-2363.520 χ^2/NDF : 0.0/0

Right Out: 1844.945+/-653.448 χ^2/NDF : 18.1/19

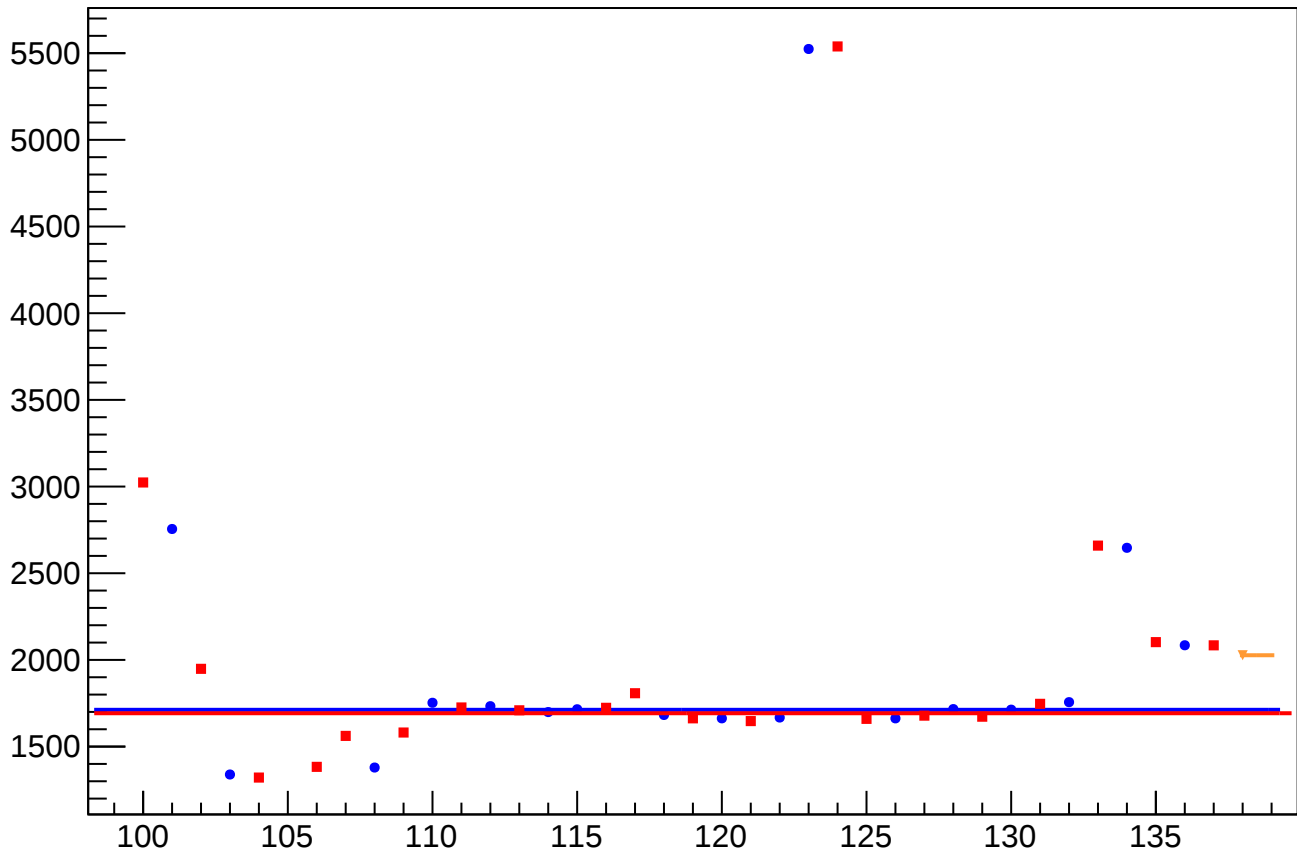
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2625.601+/-652.203 χ^2/NDF : 4.8/17

2236.018+/-461.617 χ^2/NDF : 23.6/37

1844.945+/-653.448 χ^2/NDF : 18.1/19

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1712.154+/-0.480 χ^2/NDF : 432478.4/16

Left Out: 2026.967+/-1.671 χ^2/NDF : 0.0/0

Right Out: 1692.404+/-0.462 χ^2/NDF : 455277.5/19

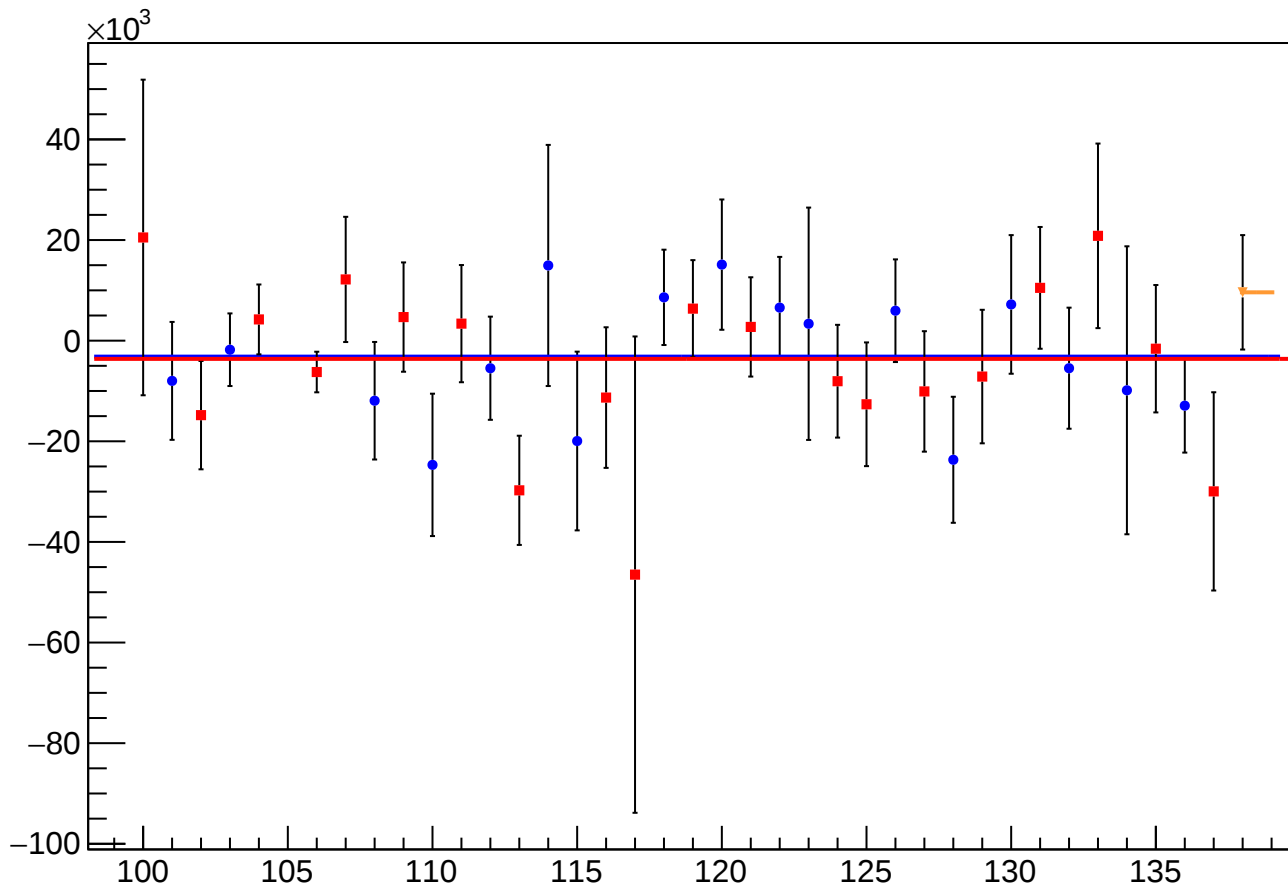
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1736.126+/-0.461 χ^2/NDF : 465259.3/17

1714.306+/-0.326 χ^2/NDF : 925022.1/37

1692.404+/-0.462 χ^2/NDF : 455277.5/19

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -3173.245 $\pm$ 2851.982 χ^2 /NDF: 14.4/16

Left Out: 9608.554 $\pm$ 11372.938 χ^2 /NDF:0.0/0

Right Out: -3618.416 $\pm$ 2263.938 χ^2 /NDF: 20.3/19

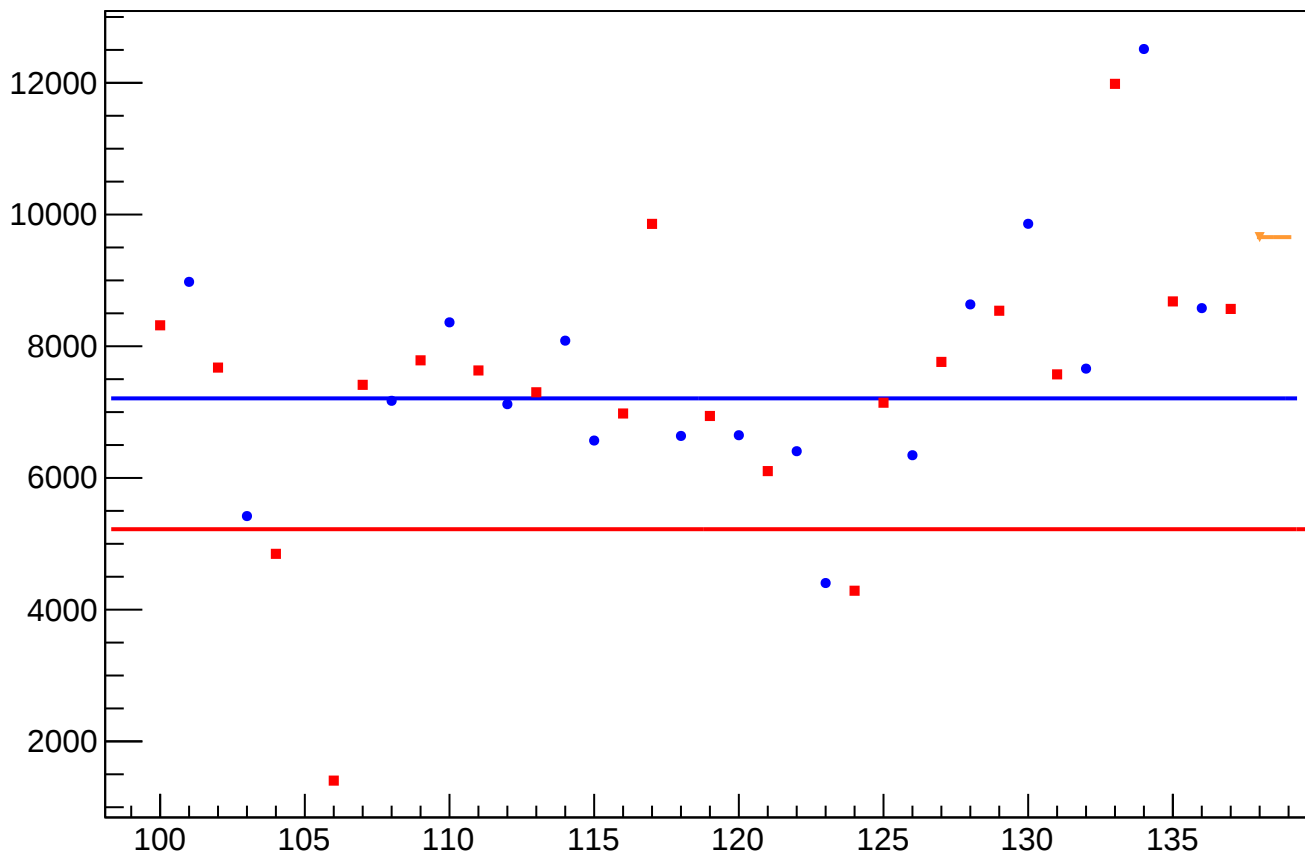
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-2417.015 $\pm$ 2766.327 χ^2 /NDF: 15.6/17

-3136.518 $\pm$ 1752.012 χ^2 /NDF: 36.0/37

-3618.416 $\pm$ 2263.938 χ^2 /NDF: 20.3/19

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 7208.567 $\pm$ 2.017 χ^2 /NDF: 469302.0/16

Left Out: 9657.105 $\pm$ 8.042 χ^2 /NDF: 0.0/0

Right Out: 5221.816 $\pm$ 1.601 χ^2 /NDF: 3216100.5/19

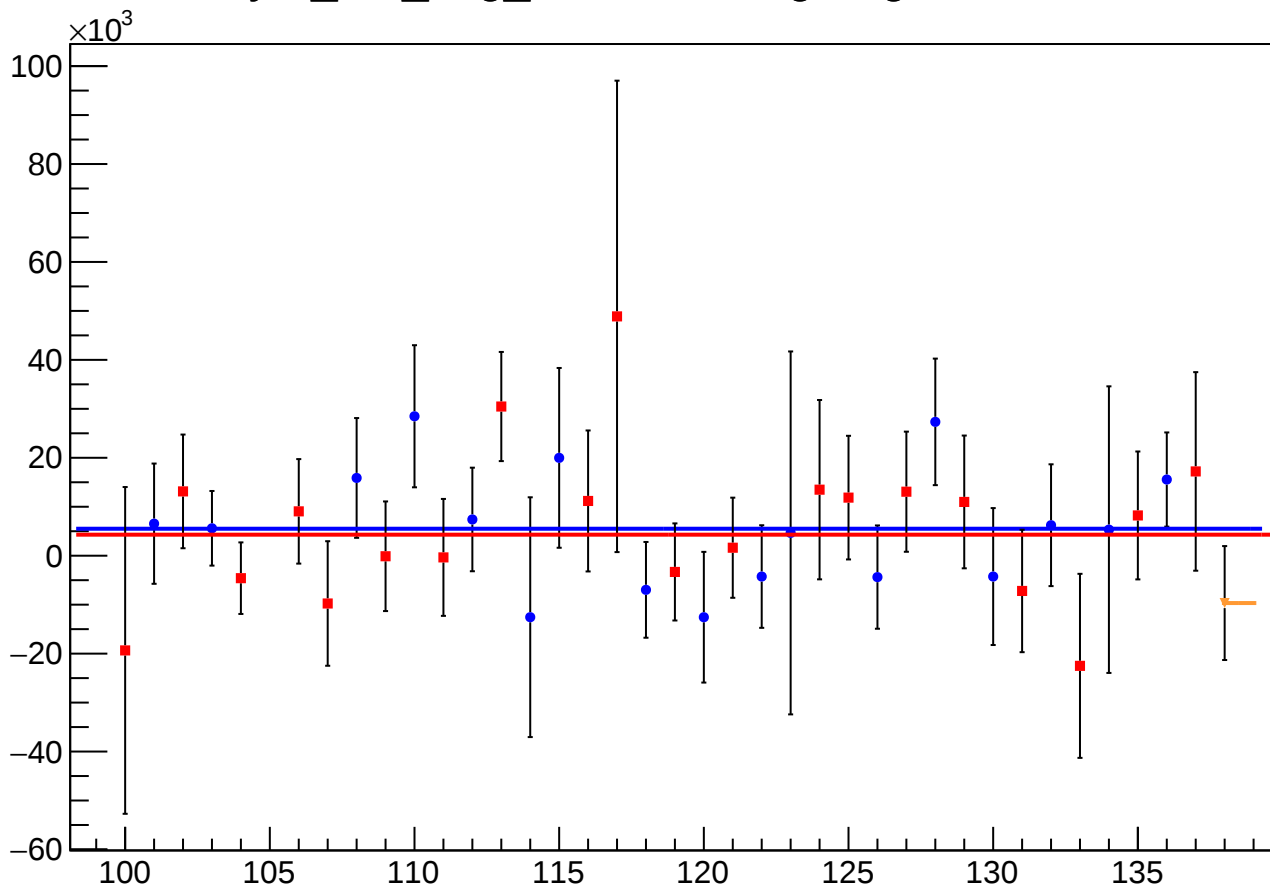
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7353.434 $\pm$ 1.956 χ^2 /NDF: 556521.1/17

6076.836 $\pm$ 1.239 χ^2 /NDF: 4483813.1/37

5221.816 $\pm$ 1.601 χ^2 /NDF: 3216100.5/19

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 5509.395 $\pm$ 2971.033 χ^2 /NDF: 14.1/16

Left Out: -9668.730 $\pm$ 11635.346 χ^2 /NDF: 0.0/0

Right Out: 4295.824 $\pm$ 2785.538 χ^2 /NDF: 16.3/19

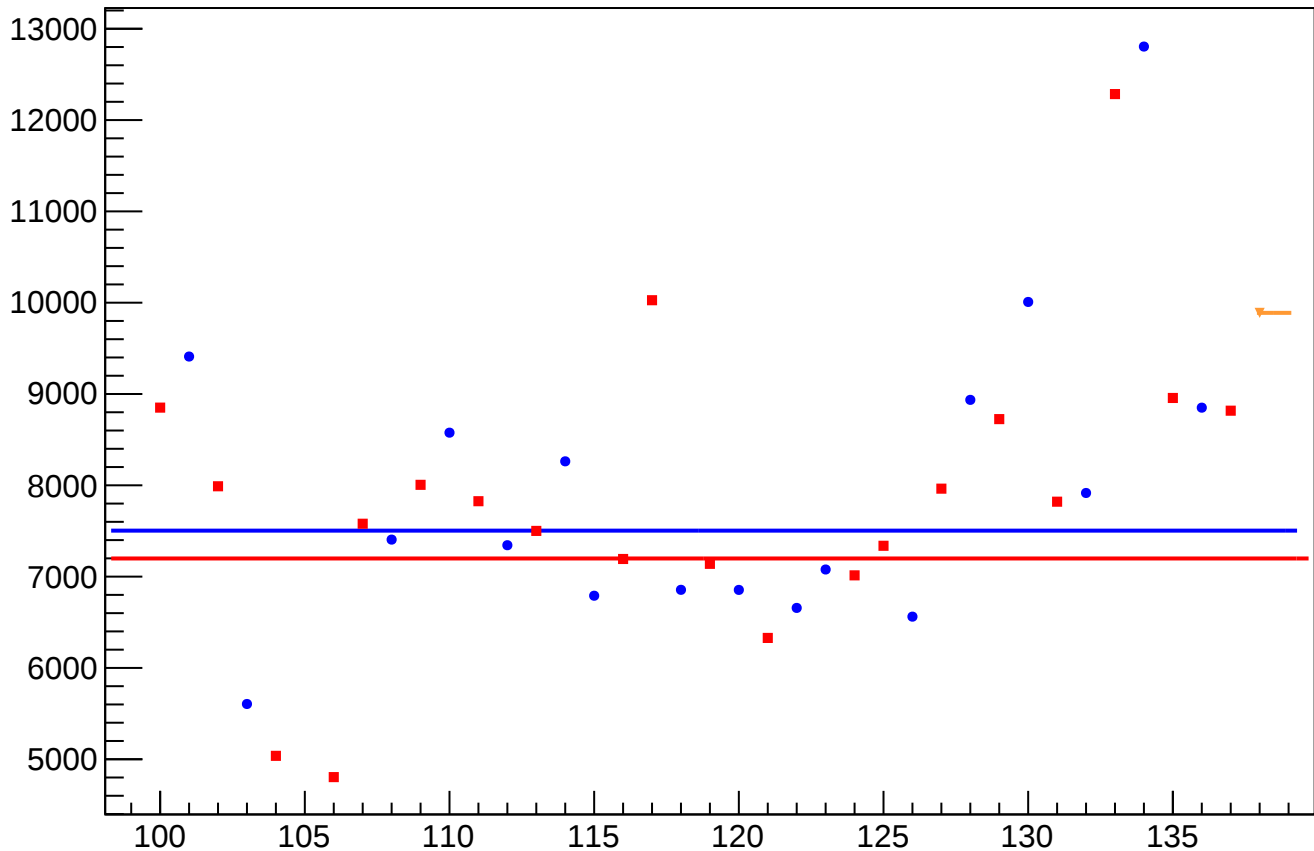
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

4580.337 $\pm$ 2878.669 χ^2 /NDF: 15.7/17

4433.404 $\pm$ 2001.788 χ^2 /NDF: 32.0/37

4295.824 $\pm$ 2785.538 χ^2 /NDF: 16.3/19

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7503.667 $\pm$ 2.101 χ^2 /NDF: 427313.5/16

Left Out: 9888.674 $\pm$ 8.227 χ^2 /NDF: 0.0/0

Right Out: 7198.728 $\pm$ 1.969 χ^2 /NDF: 564629.1/19

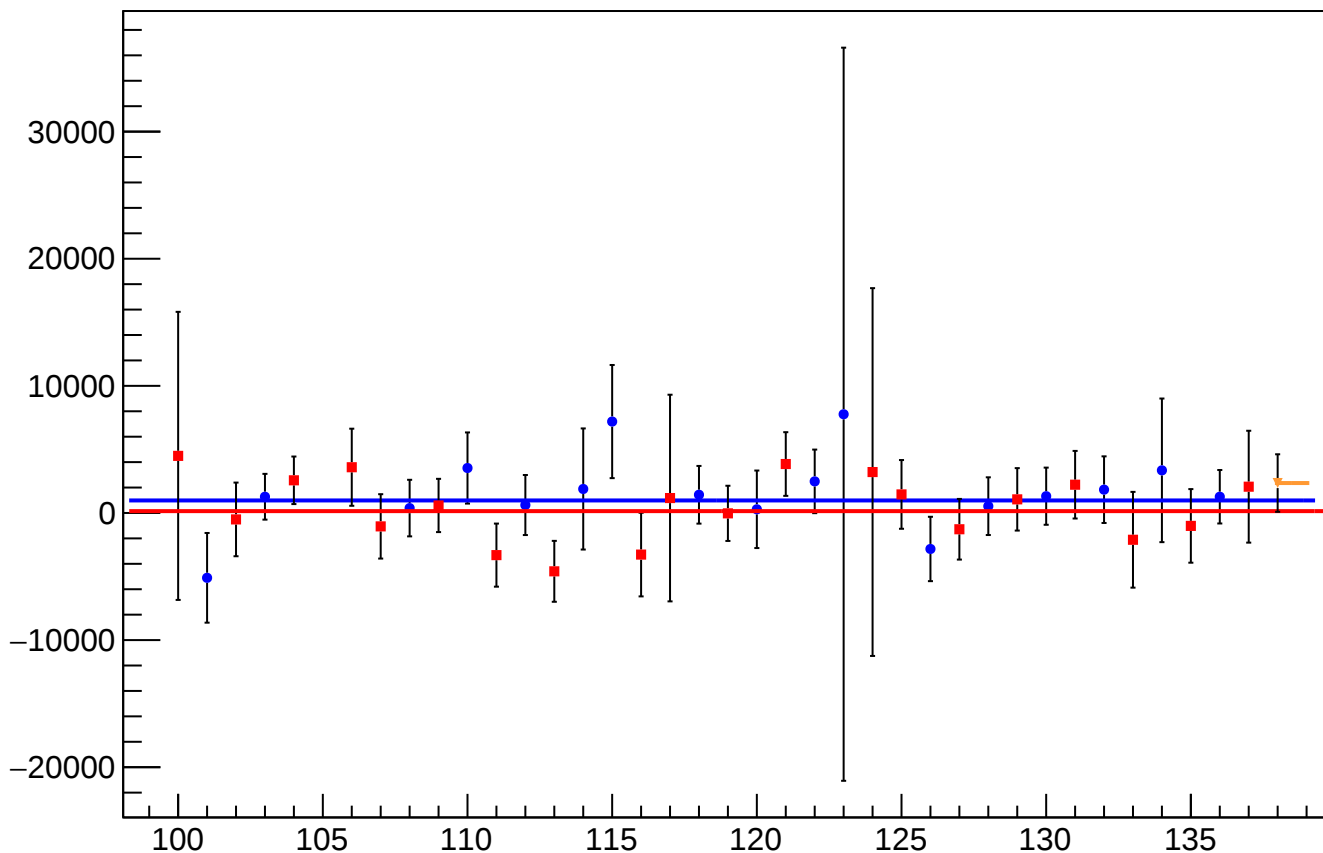
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7649.647 $\pm$ 2.035 χ^2 /NDF: 506203.2/17

7416.752 $\pm$ 1.415 χ^2 /NDF: 1096179.2/37

7198.728 $\pm$ 1.969 χ^2 /NDF: 564629.1/19

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 985.452 $\pm$ 644.630 χ^2 /NDF: 9.1/16

Left Out: 2354.561 $\pm$ 2262.450 χ^2 /NDF:0.0/0

Right Out: 144.683 $\pm$ 621.728 χ^2 /NDF: 14.7/19

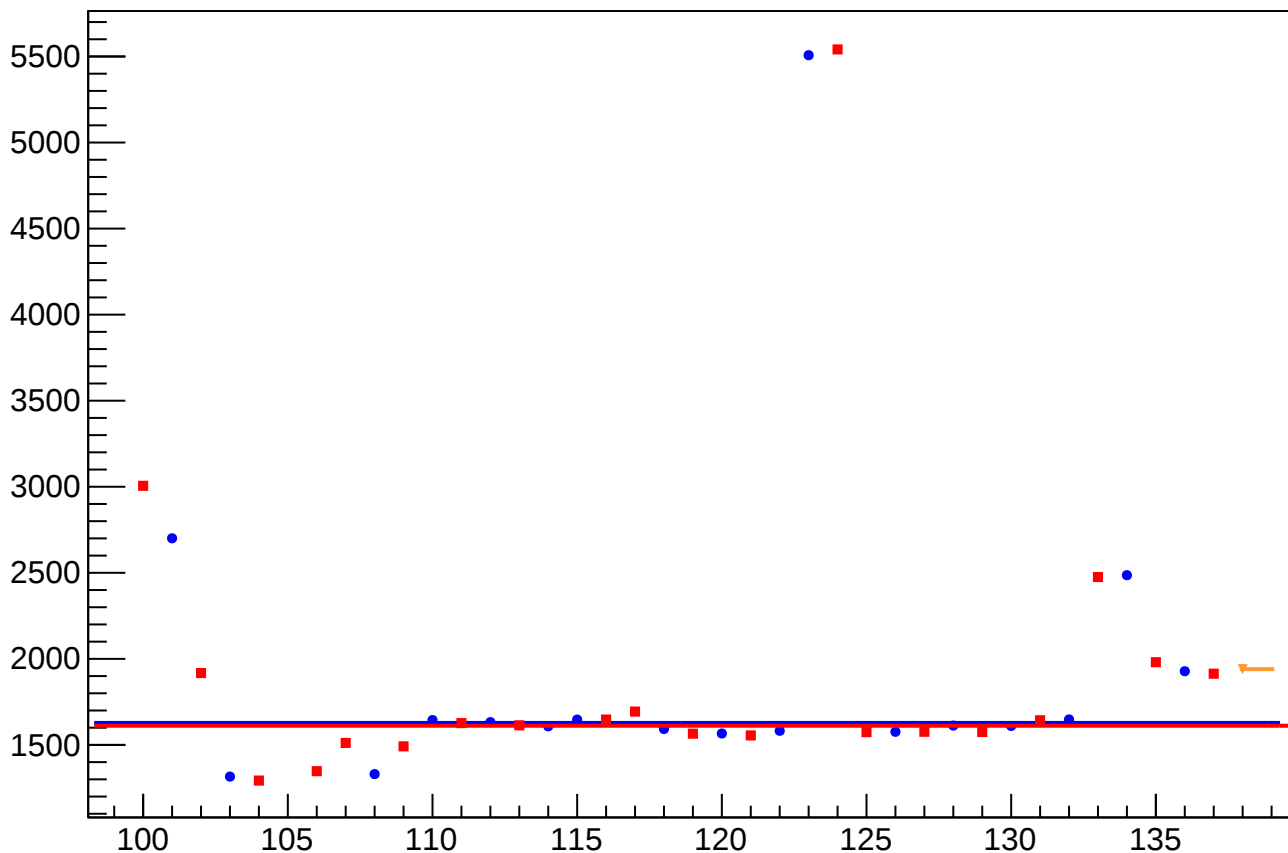
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

1088.254 $\pm$ 619.956 χ^2 /NDF: 9.4/17

617.815 $\pm$ 439.000 χ^2 /NDF: 25.2/37

144.683 $\pm$ 621.728 χ^2 /NDF: 14.7/19

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1627.836 $\pm$ 0.456 χ^2 /NDF: 407106.6/16

Left Out: 1940.306 $\pm$ 1.600 χ^2 /NDF: 0.0/0

Right Out: 1611.433 $\pm$ 0.440 χ^2 /NDF: 434167.6/19

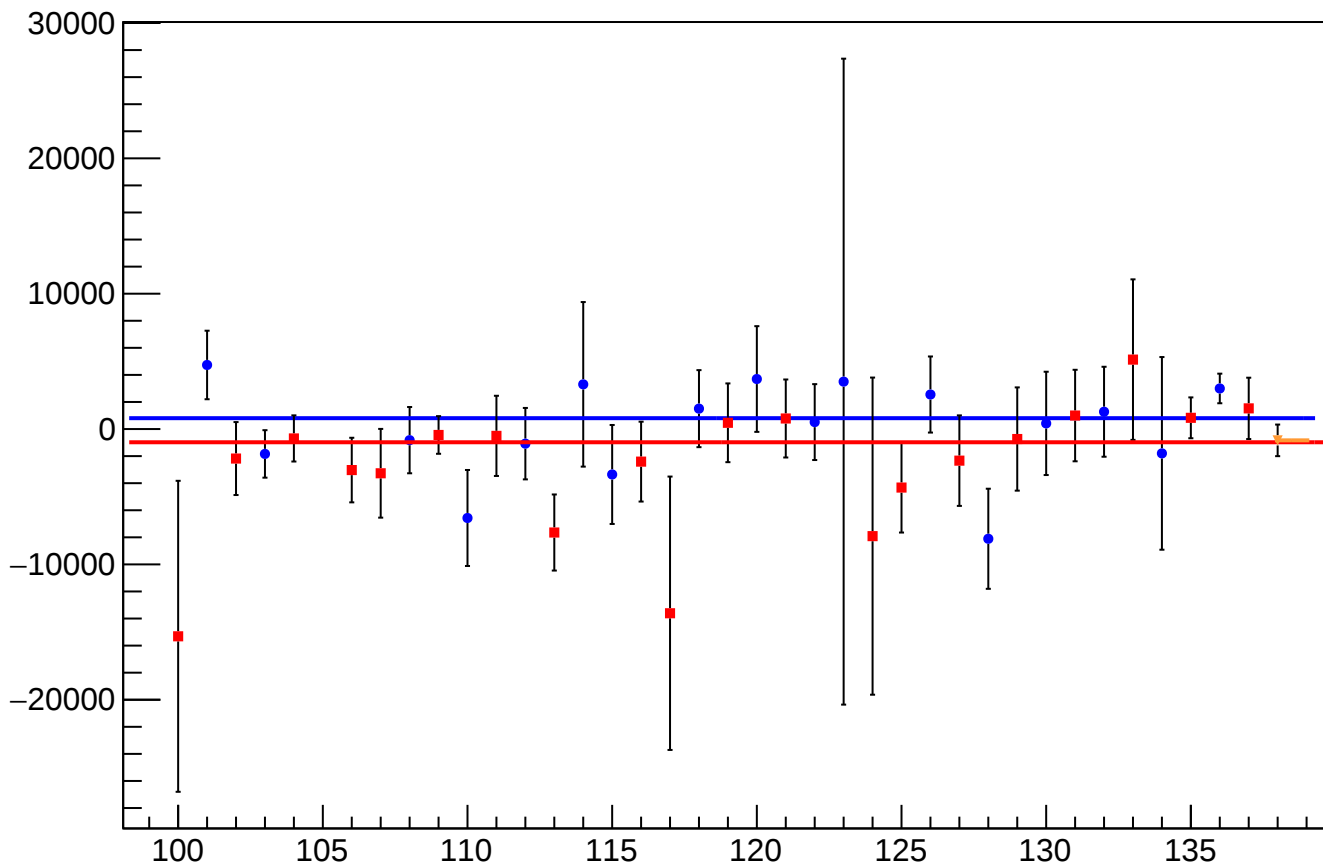
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1651.299 $\pm$ 0.438 χ^2 /NDF: 442391.5/17

1631.423 $\pm$ 0.310 χ^2 /NDF: 880682.2/37

1611.433 $\pm$ 0.440 χ^2 /NDF: 434167.6/19

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: 803.048 $\pm$ 631.676 χ^2 /NDF: 22.4/16

Left Out: -836.197 $\pm$ 1166.956 χ^2 /NDF: 0.0/0

Right Out: -976.725 $\pm$ 588.724 χ^2 /NDF: 16.8/19

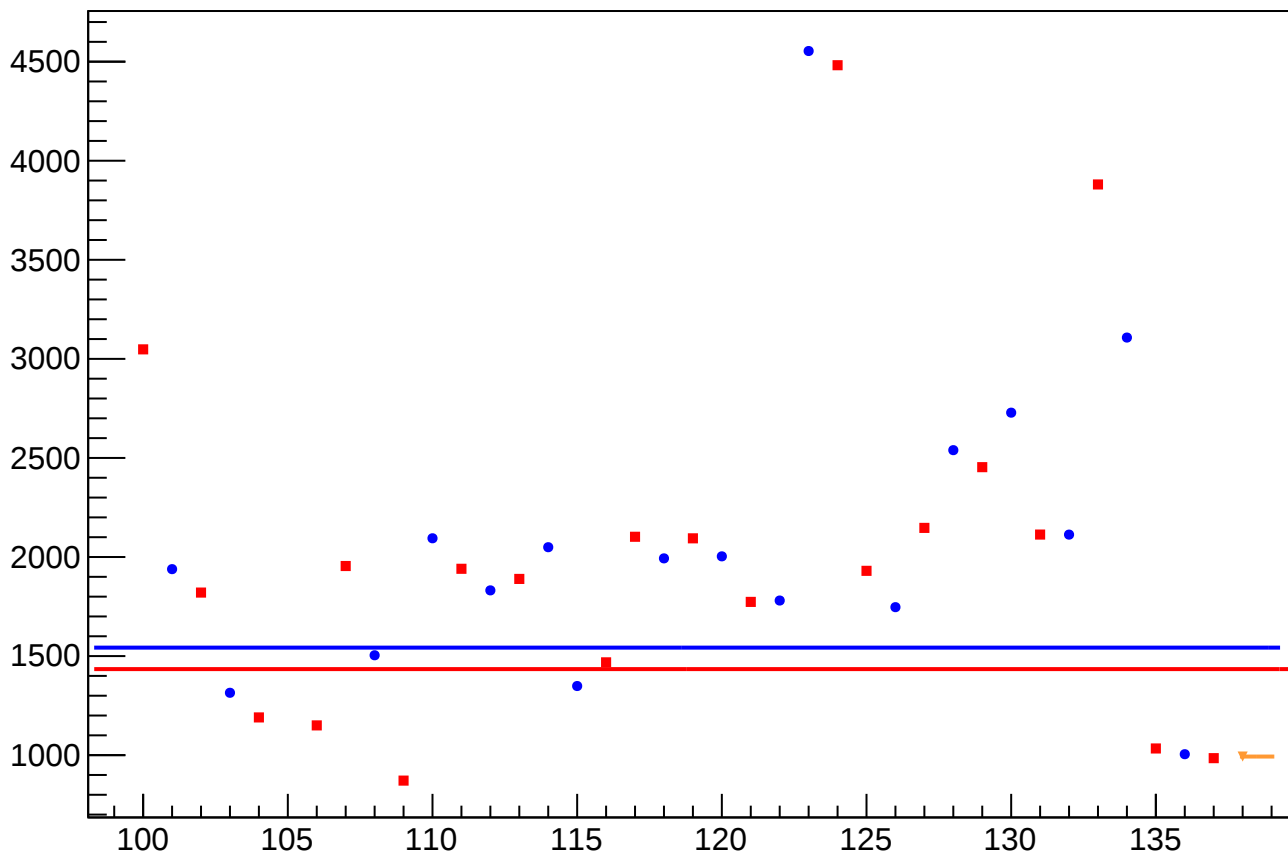
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

431.579 $\pm$ 555.512 χ^2 /NDF: 24.0/17

-231.731 $\pm$ 404.038 χ^2 /NDF: 43.8/37

-976.725 $\pm$ 588.724 χ^2 /NDF: 16.8/19

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 1542.705+/-0.447 χ^2/NDF : 1287946.3/16

Left Out: 992.939+/-0.825 χ^2/NDF : 0.0/0

Right Out: 1434.290+/-0.416 χ^2/NDF : 1832587.0/19

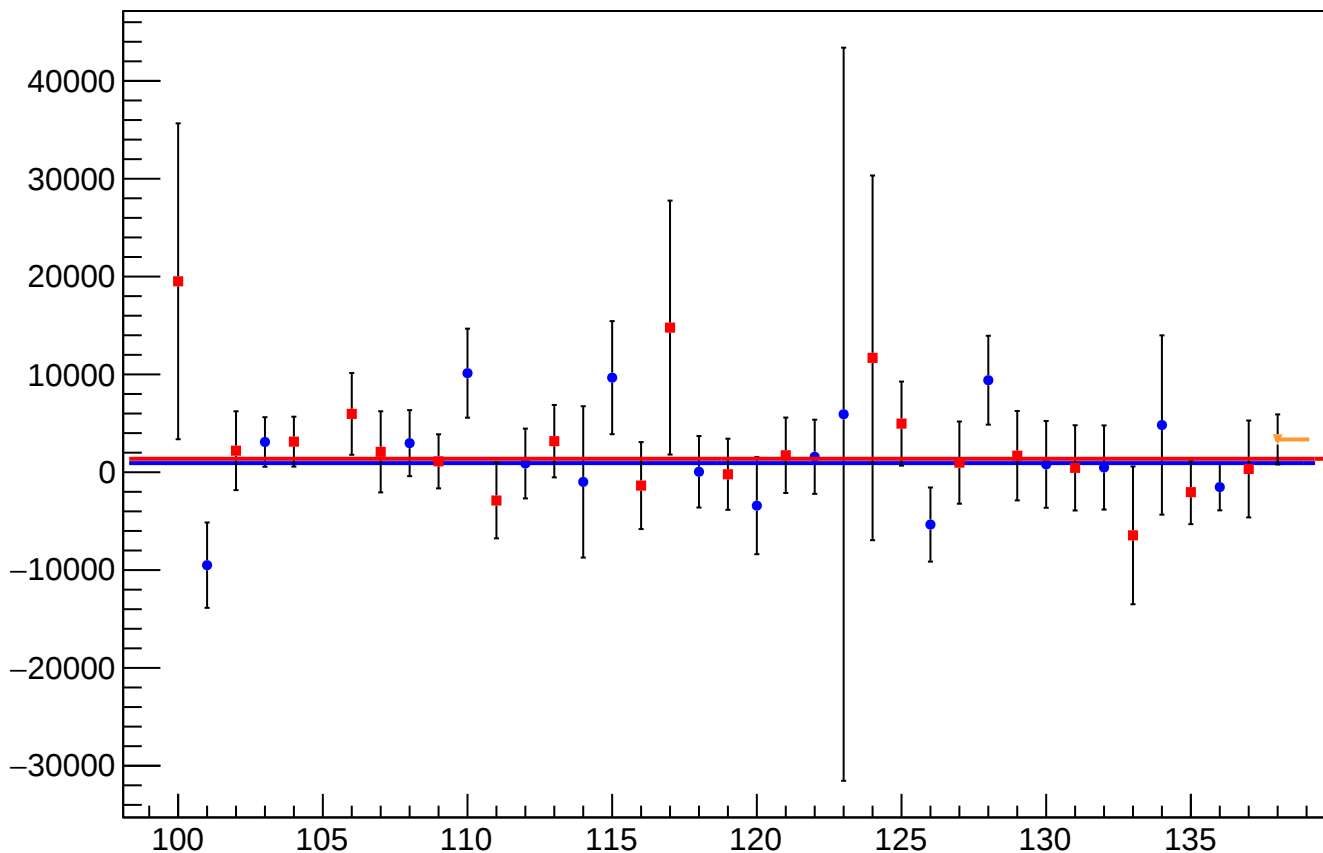
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1418.123+/-0.393 χ^2/NDF : 1631248.0/17

1425.738+/-0.286 χ^2/NDF : 3464633.0/37

1434.290+/-0.416 χ^2/NDF : 1832587.0/19

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 932.818+/-967.941 χ^2/NDF : 21.6/16

Left Out: 3353.893+/-2559.722 χ^2/NDF : 0.0/0

Right Out: 1375.966+/-923.072 χ^2/NDF : 9.6/19

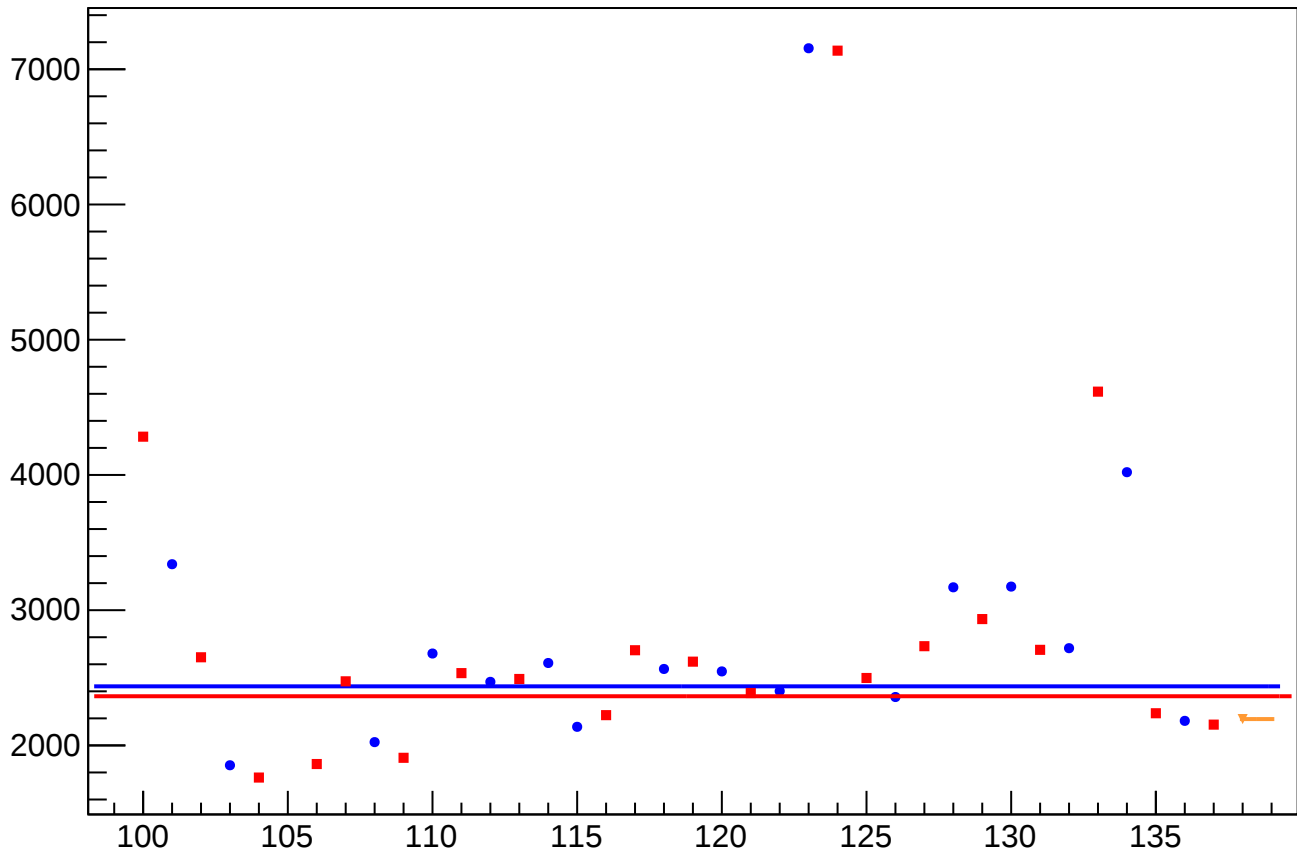
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1235.703+/-905.372 χ^2/NDF : 22.4/17

1304.477+/-646.362 χ^2/NDF : 31.9/37

1375.966+/-923.072 χ^2/NDF : 9.6/19

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2436.855+/-0.684 χ^2/NDF : 469030.2/16

Left Out: 2194.806+/-1.810 χ^2/NDF : 0.0/0

Right Out: 2363.609+/-0.653 χ^2/NDF : 657228.5/19

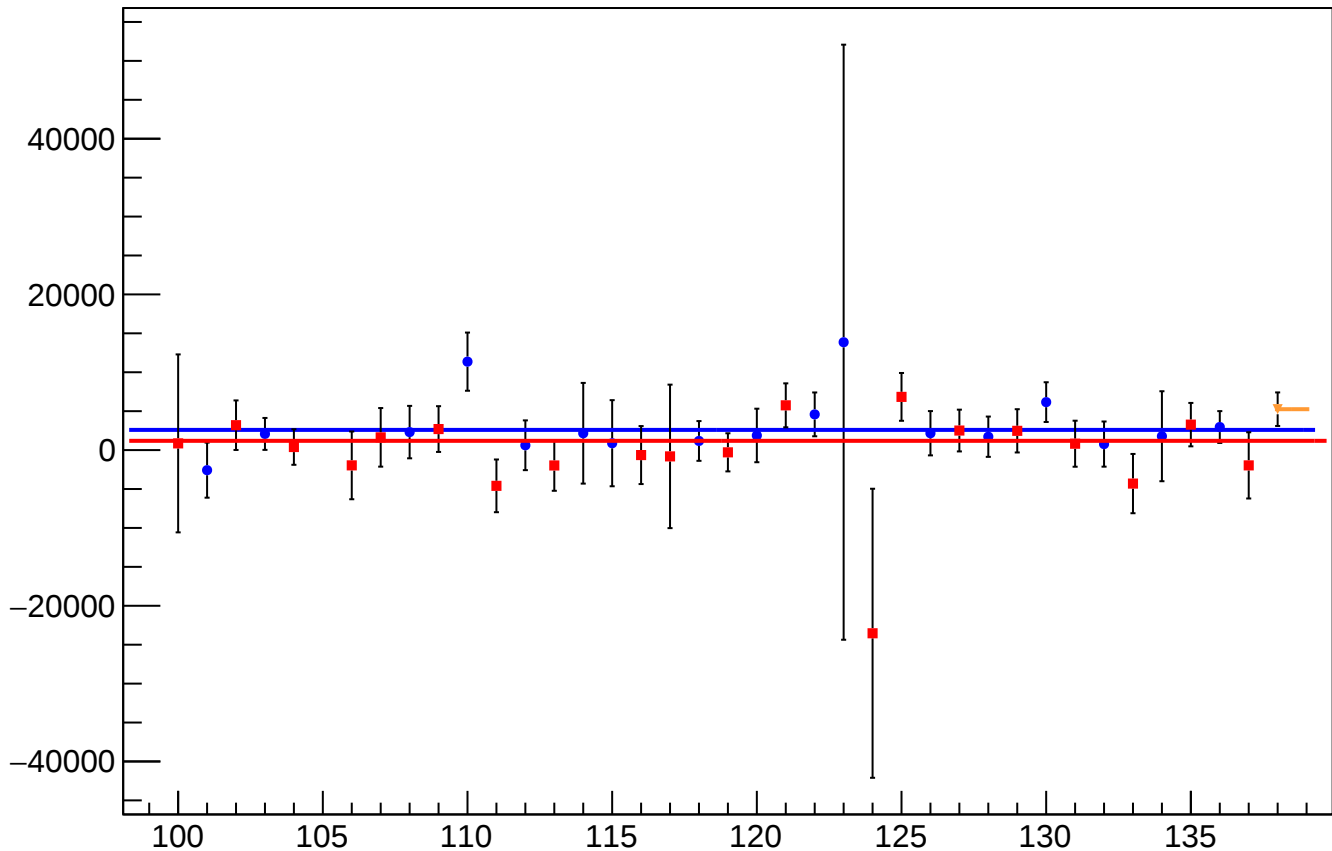
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2406.574+/-0.640 χ^2/NDF : 484676.3/17

2385.507+/-0.457 χ^2/NDF : 1144113.3/37

2363.609+/-0.653 χ^2/NDF : 657228.5/19

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2594.684 $\pm$ 743.000 χ^2 /NDF: 11.7/16

Left Out: 5253.142 $\pm$ 2155.179 χ^2 /NDF: 0.0/0

Right Out: 1189.680 $\pm$ 737.247 χ^2 /NDF: 17.3/19

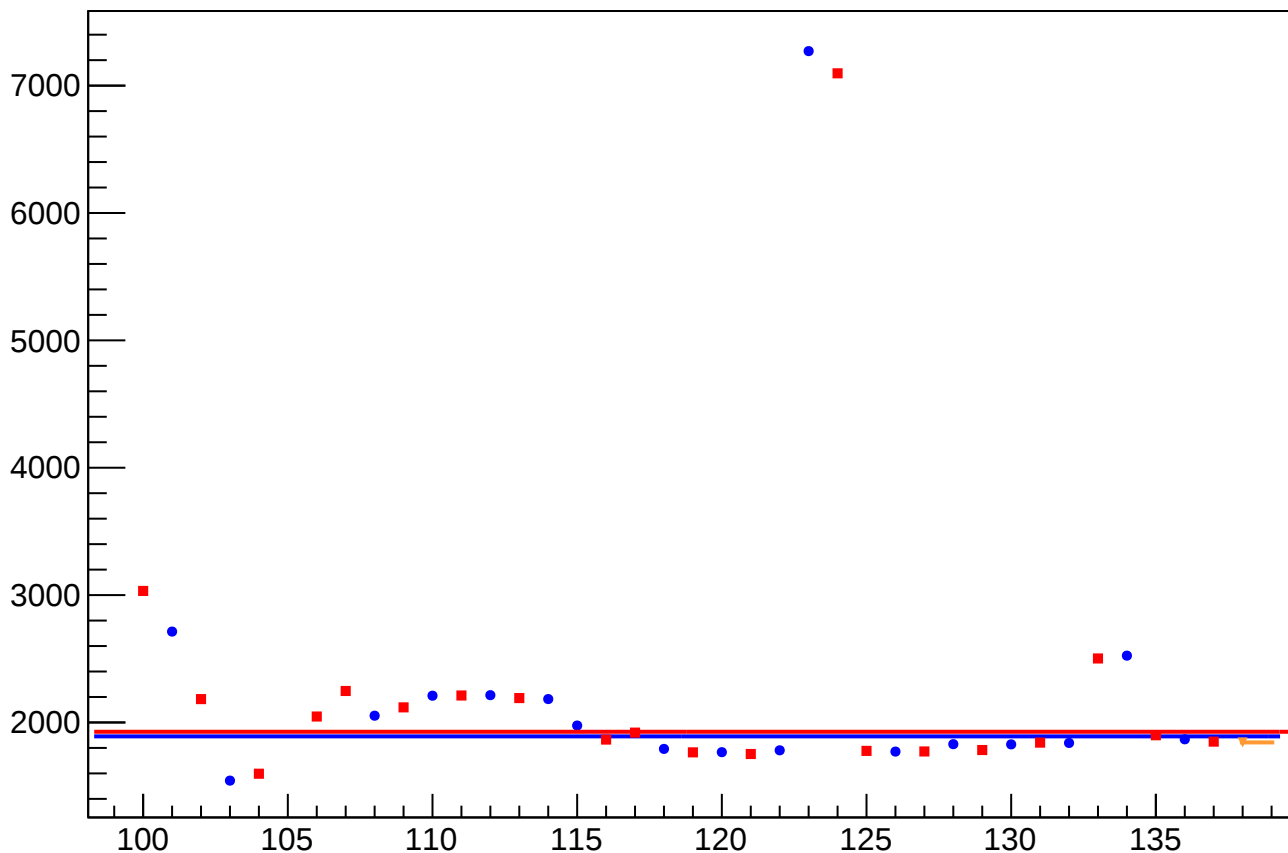
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2877.086 $\pm$ 702.429 χ^2 /NDF: 13.0/17

2074.169 $\pm$ 508.556 χ^2 /NDF: 33.0/37

1189.680 $\pm$ 737.247 χ^2 /NDF: 17.3/19

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1890.721 $\pm$ 0.525 χ^2 /NDF: 288944.9/16

Left Out: 1843.259 $\pm$ 1.524 χ^2 /NDF: 0.0/0

Right Out: 1926.906 $\pm$ 0.520 χ^2 /NDF: 362255.6/19

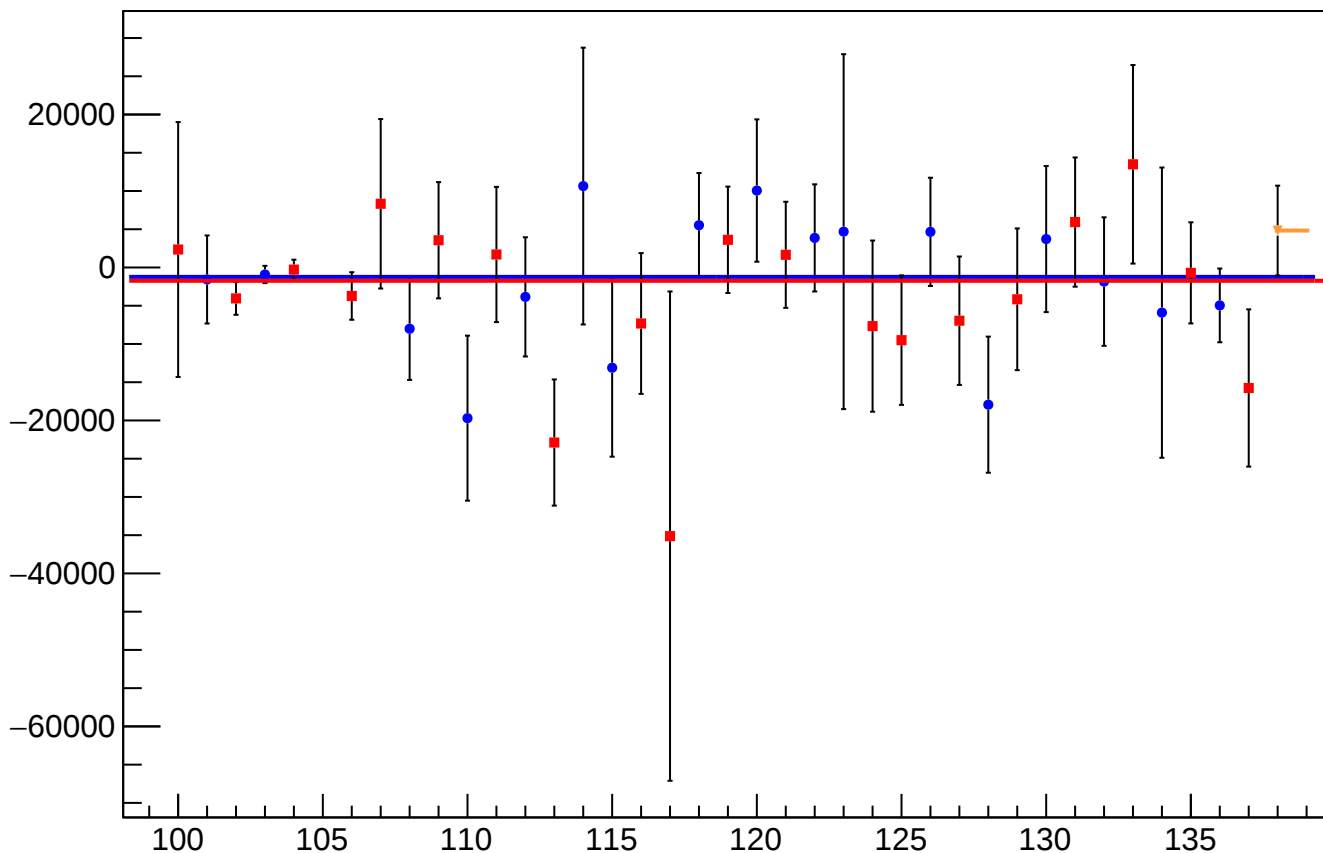
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1885.680 $\pm$ 0.497 χ^2 /NDF: 289811.8/17

1905.329 $\pm$ 0.359 χ^2 /NDF: 655350.9/37

1926.906 $\pm$ 0.520 χ^2 /NDF: 362255.6/19

asym_atl1r2_avg_correction_mean vs Slug, Sign Corrected



Right In: -1226.915 $\pm$ 984.603 χ^2 /NDF: 13.8/16

Left Out: 4828.365 $\pm$ 5870.282 χ^2 /NDF:0.0/0

Right Out: -1740.671 $\pm$ 941.173 χ^2 /NDF: 18.9/19

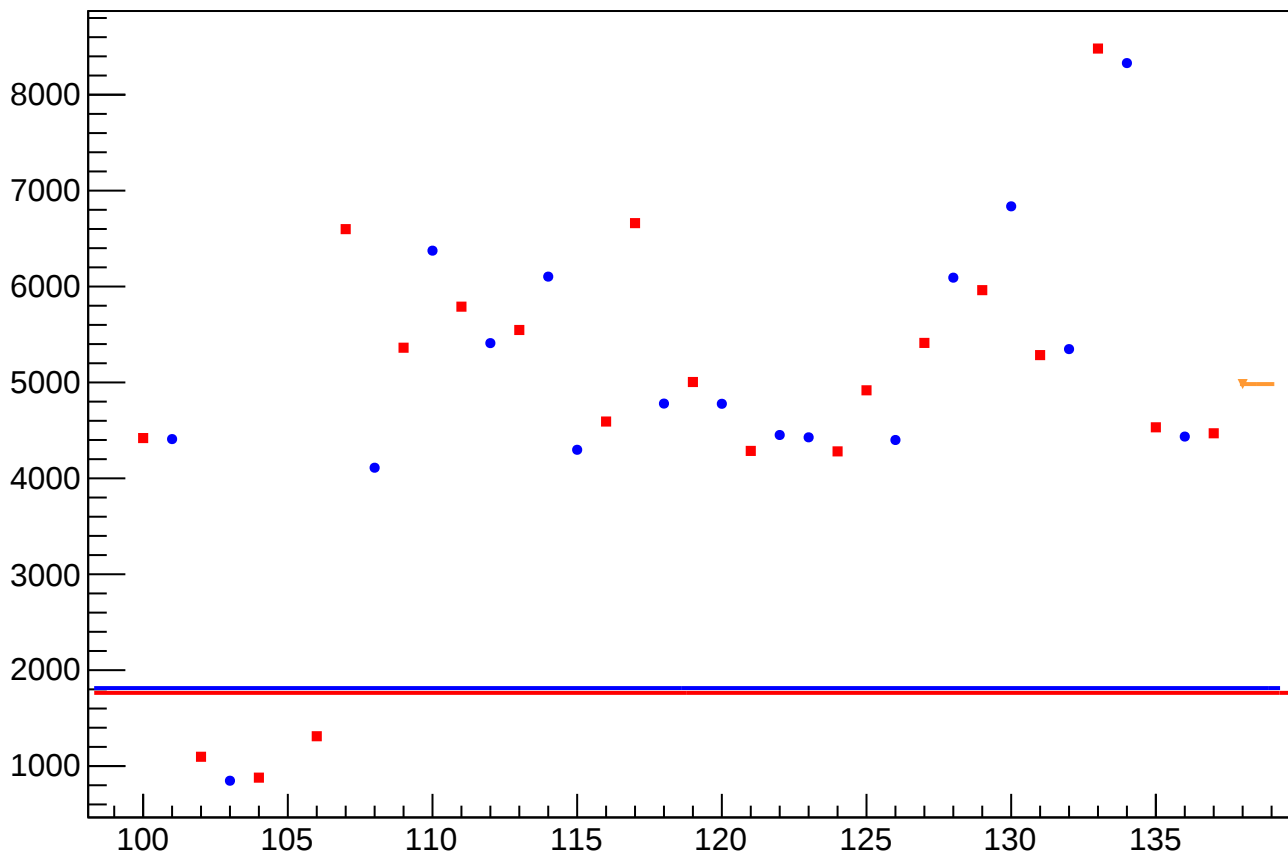
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-1061.227 $\pm$ 971.039 χ^2 /NDF: 14.9/17

-1411.558 $\pm$ 675.822 χ^2 /NDF: 34.0/37

-1740.671 $\pm$ 941.173 χ^2 /NDF: 18.9/19

asym_atl1r2_avg_correction_rms vs Slug, Sign Corrected



Right In: 1813.195+/-0.696 χ^2/NDF : 6449038.4/16

Left Out: 4983.010+/-4.151 χ^2/NDF : 0.0/0

Right Out: 1763.378+/-0.666 χ^2/NDF : 6359993.8/19

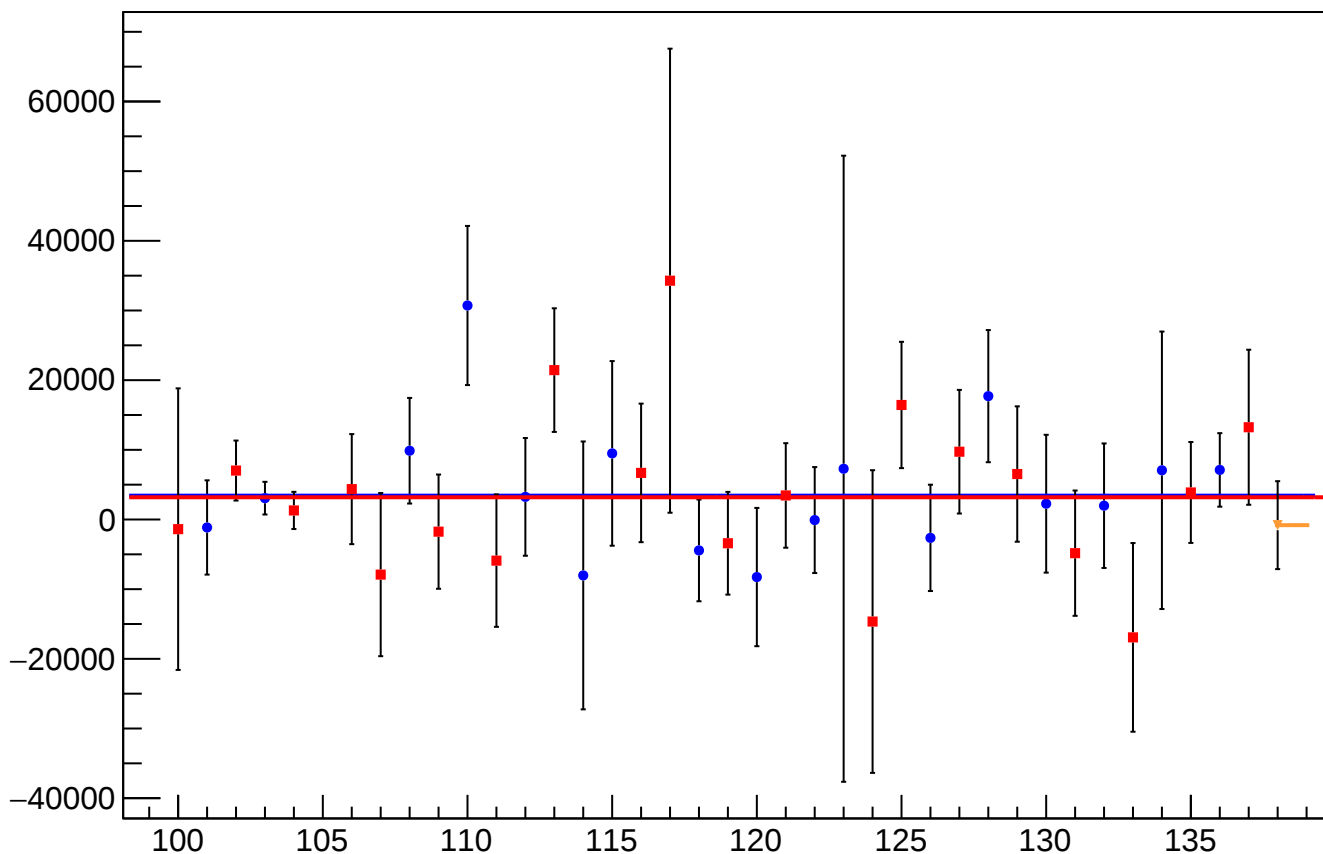
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1899.929+/-0.687 χ^2/NDF : 7016231.2/17

1829.522+/-0.478 χ^2/NDF : 13396617.6/3

1763.378+/-0.666 χ^2/NDF : 6359993.8/19

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 3421.264+/-1606.678 χ^2/NDF : 13.7/16

Left Out: -810.889+/-6311.204 χ^2/NDF : 0.0/0

Right Out: 3190.143+/-1604.066 χ^2/NDF : 16.9/19

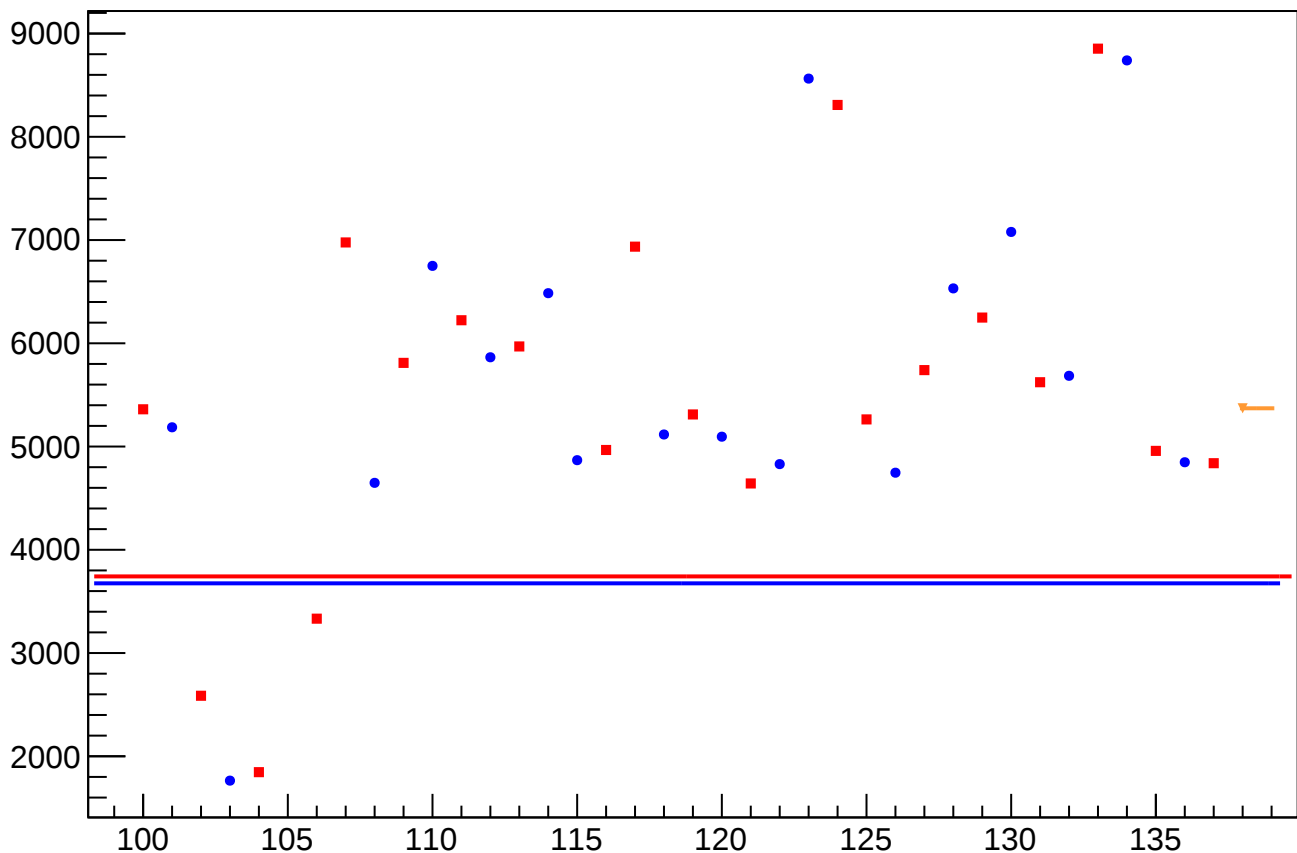
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3163.678+/-1557.016 χ^2/NDF : 14.1/17

3176.517+/-1117.240 χ^2/NDF : 31.0/37

3190.143+/-1604.066 χ^2/NDF : 16.9/19

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 3675.003+/-1.136 χ^2/NDF : 2775085.7/16

Left Out: 5370.449+/-4.463 χ^2/NDF : 0.0/0

Right Out: 3742.124+/-1.127 χ^2/NDF : 2712365.3/19

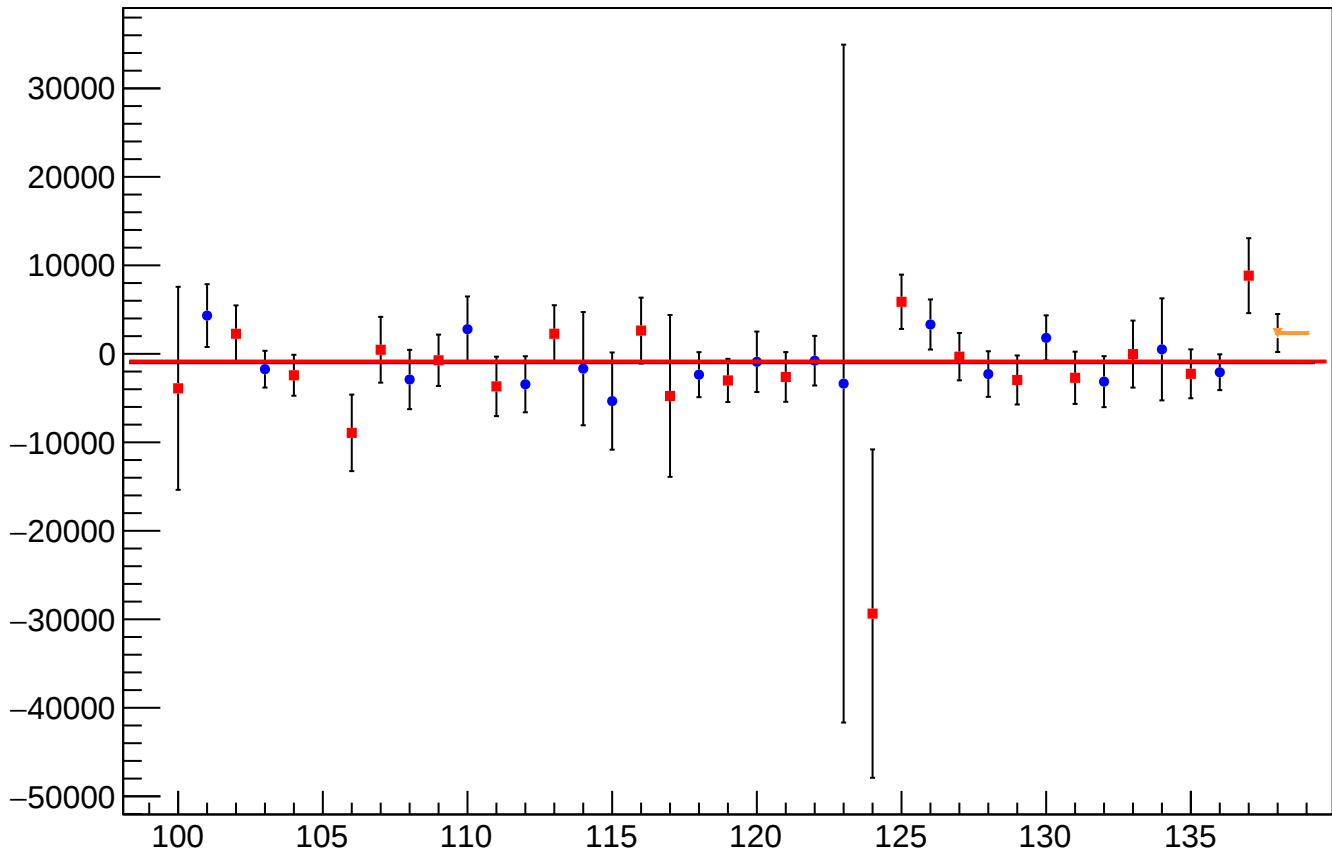
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3778.195+/-1.101 χ^2/NDF : 2910636.4/17

3760.576+/-0.787 χ^2/NDF : 5623526.0/37

3742.124+/-1.127 χ^2/NDF : 2712365.3/19

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -951.377+/-740.668 χ^2/NDF : 10.0/16

Left Out: 2351.872+/-2148.618 χ^2/NDF : 0.0/0

Right Out: -868.810+/-735.140 χ^2/NDF : 22.7/19

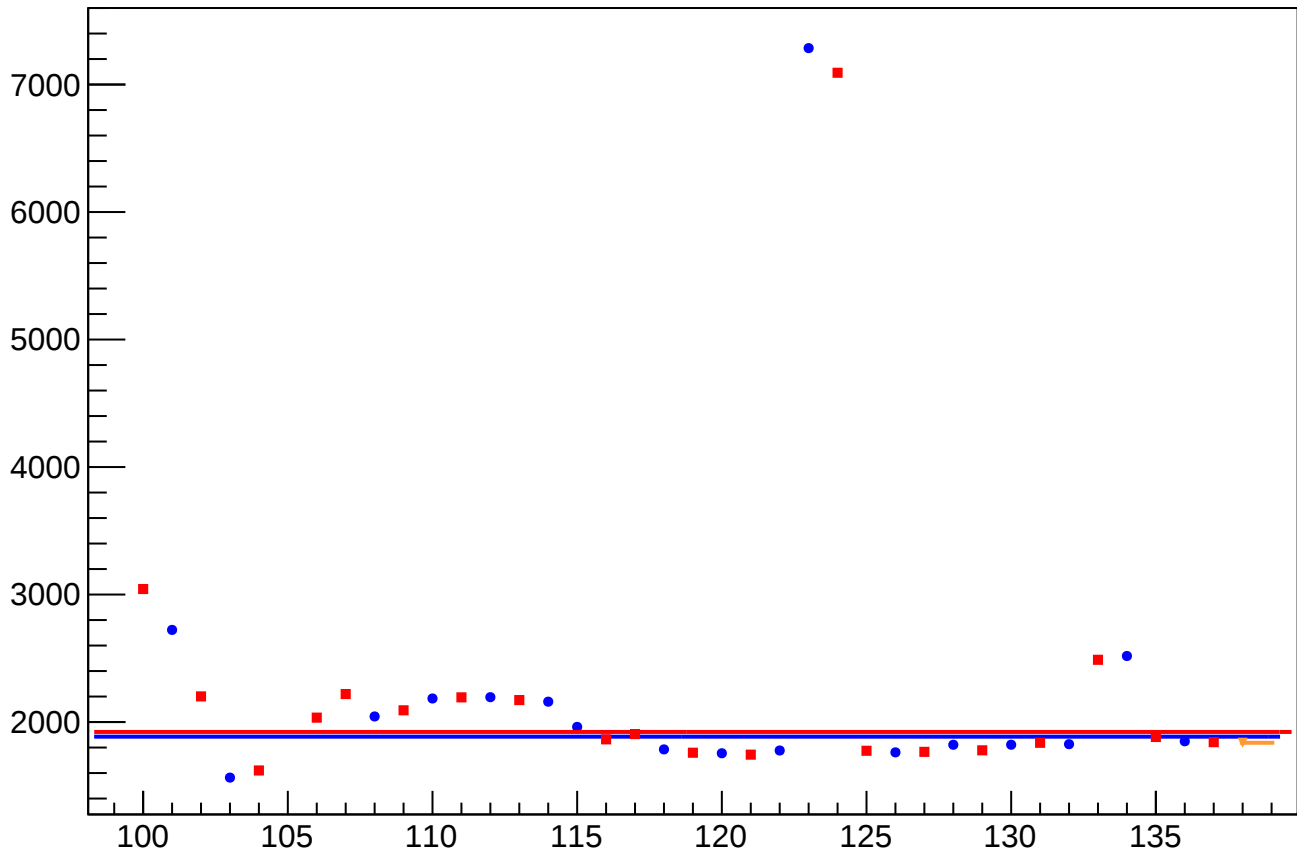
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-600.540+/-700.231 χ^2/NDF : 12.1/17

-728.154+/-507.030 χ^2/NDF : 34.8/37

-868.810+/-735.140 χ^2/NDF : 22.7/19

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1885.360+/-0.524 χ^2/NDF : 280429.0/16

Left Out: 1837.663+/-1.519 χ^2/NDF : 0.0/0

Right Out: 1922.430+/-0.519 χ^2/NDF : 351518.8/19

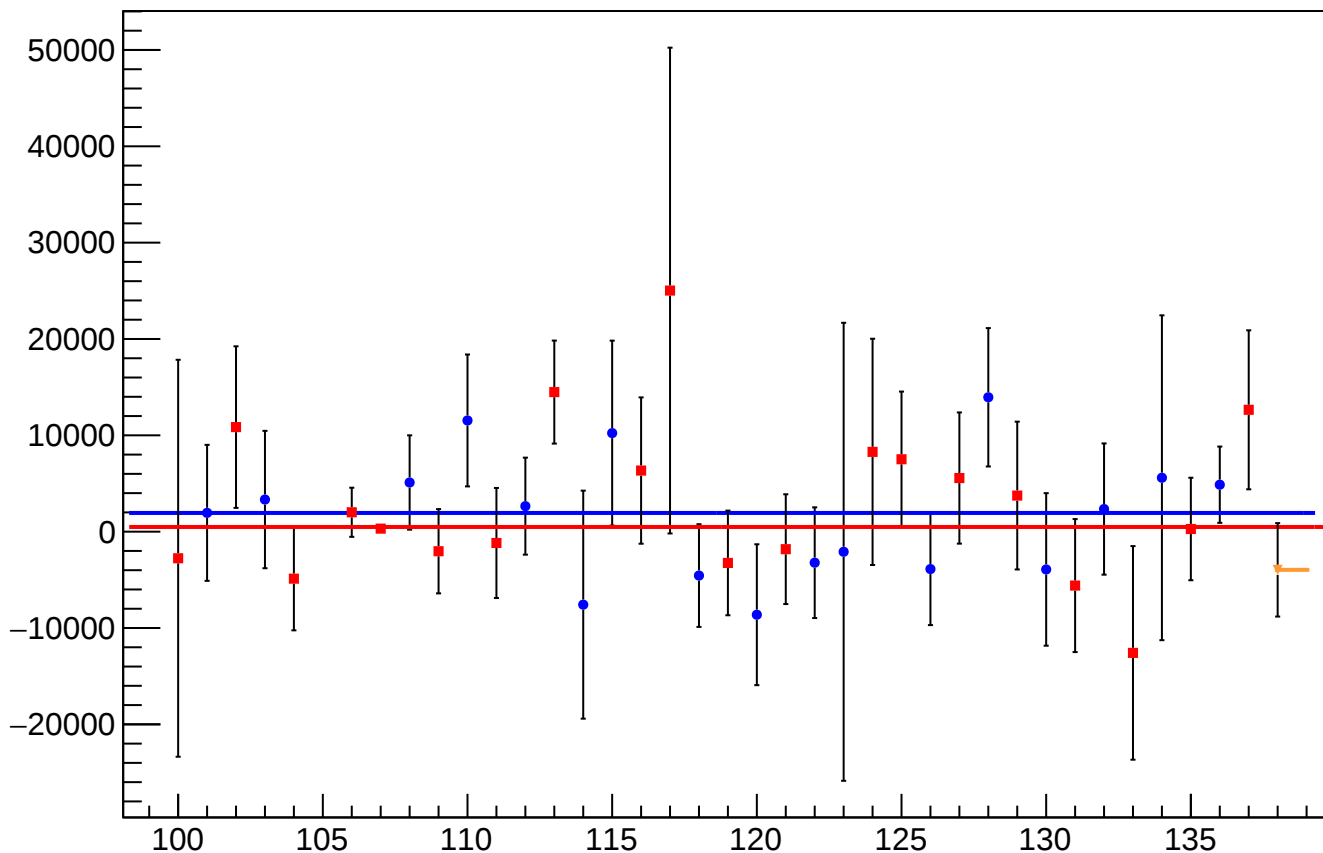
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1880.294+/-0.495 χ^2/NDF : 281310.0/17

1900.370+/-0.358 χ^2/NDF : 636279.3/37

1922.430+/-0.519 χ^2/NDF : 351518.8/19

asym_atl1r2_dd_correction_mean vs Slug, Sign Corrected



Right In: 1943.178+/-1581.060 χ^2/NDF : 13.2/16

Left Out: -3963.456+/-4849.346 χ^2/NDF : 0.0/0

Right Out: 486.774+/-453.611 χ^2/NDF : 19.0/19

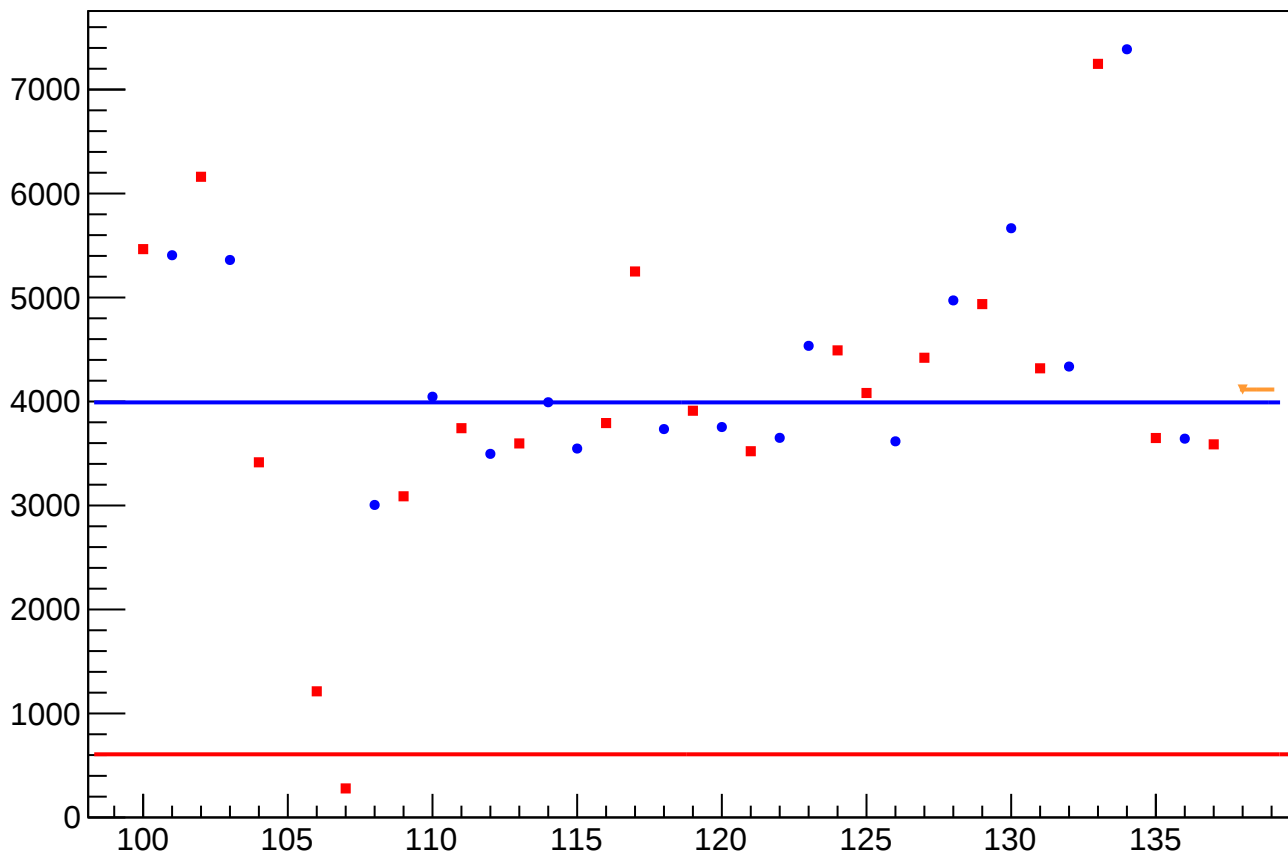
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1375.636+/-1503.184 χ^2/NDF : 14.5/17

560.961+/-434.269 χ^2/NDF : 33.9/37

486.774+/-453.611 χ^2/NDF : 19.0/19

asym_atl1r2_dd_correction_rms vs Slug, Sign Corrected



Right In: 3991.416+/-1.118 χ^2/NDF : 510782.7/16

Left Out: 4115.325+/-3.429 χ^2/NDF : 0.0/0

Right Out: 607.234+/-0.321 χ^2/NDF : 10314440.1/19

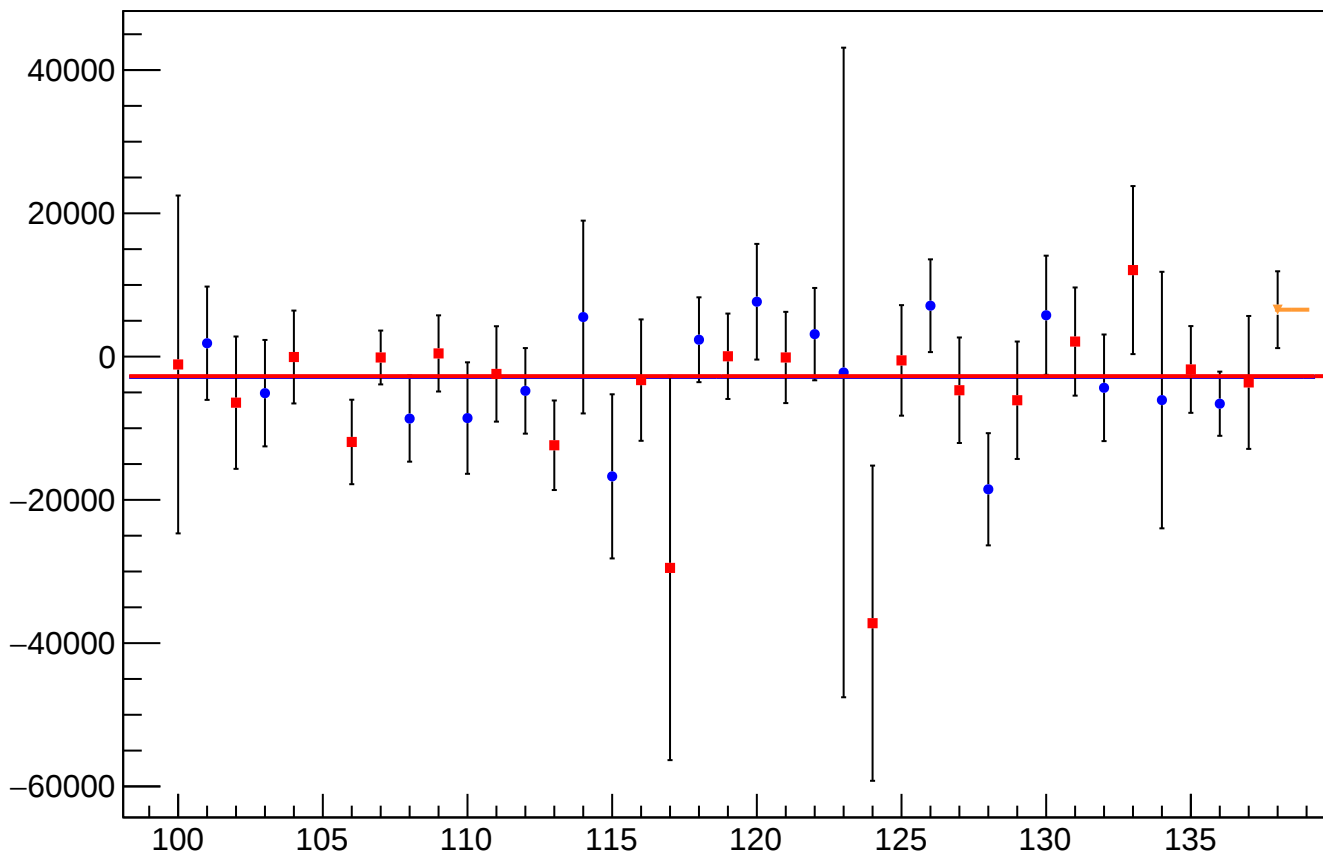
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4003.322+/-1.063 χ^2/NDF : 511963.0/17

890.681+/-0.307 χ^2/NDF : 20182908.0/37

607.234+/-0.321 χ^2/NDF : 10314440.1/19

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -2839.599 ± 1786.019 χ^2/NDF : 15.4/16

Left Out: 6548.788 ± 5362.538 χ^2/NDF : 0.0/0

Right Out: -2729.311 ± 1572.398 χ^2/NDF : 12.2/19

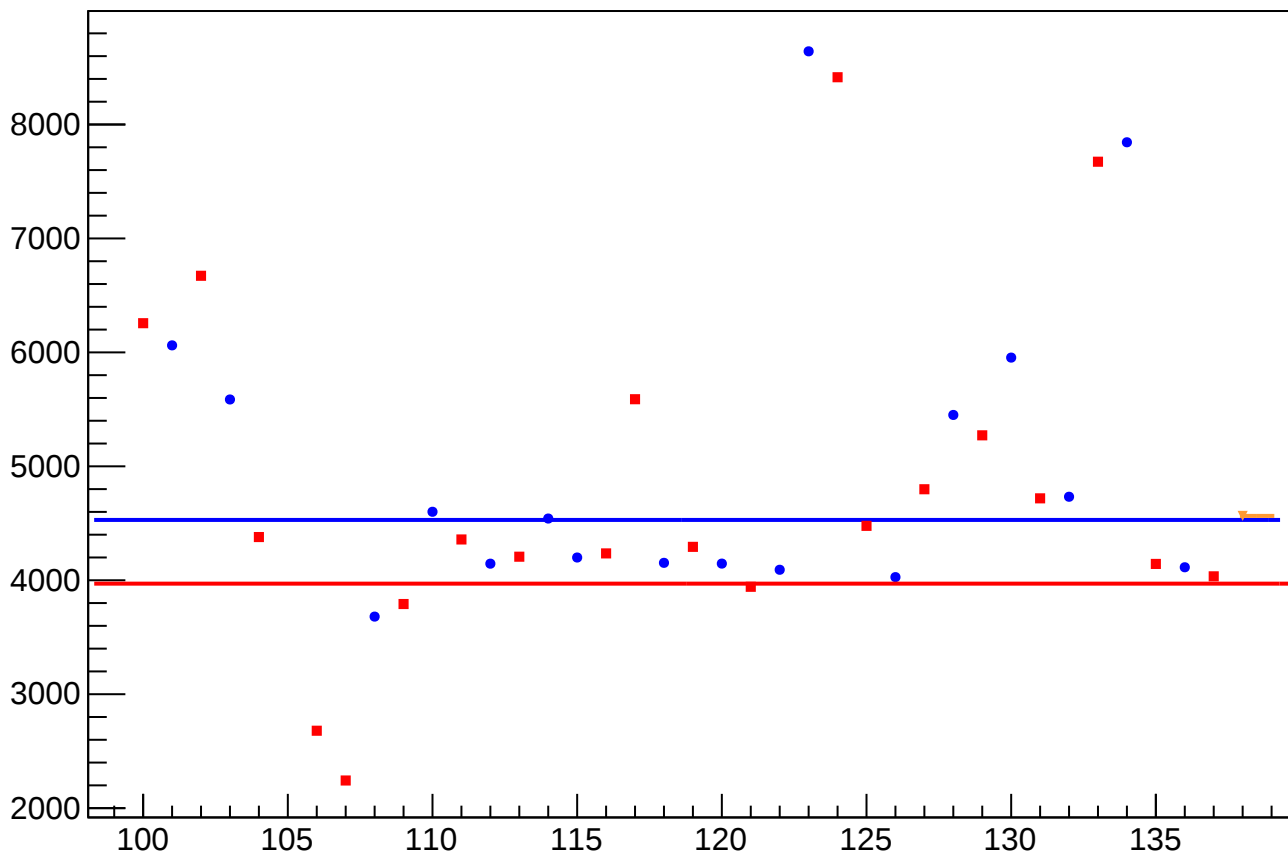
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1902.172 ± 1694.508 χ^2/NDF : 18.2/17

-2346.615 ± 1152.607 χ^2/NDF : 30.5/37

-2729.311 ± 1572.398 χ^2/NDF : 12.2/19

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 4529.462 $\pm$ 1.263 χ^2 /NDF: 389326.2/16

Left Out: 4564.909 $\pm$ 3.792 χ^2 /NDF: 0.0/0

Right Out: 3970.336 $\pm$ 1.105 χ^2 /NDF: 1147711.9/19

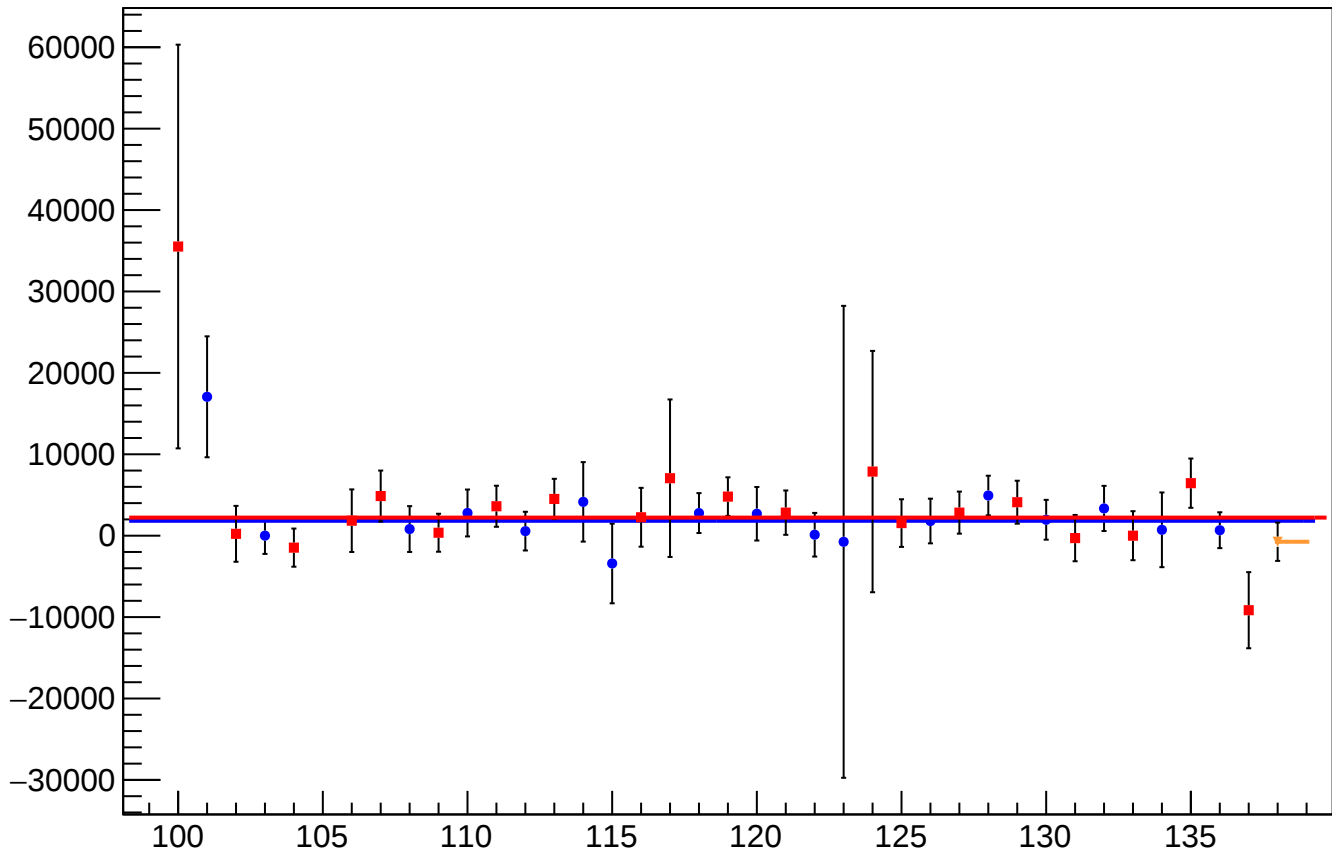
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

4533.001 $\pm$ 1.198 χ^2 /NDF: 389404.8/17

4228.880 $\pm$ 0.812 χ^2 /NDF: 1656306.7/37

3970.336 $\pm$ 1.105 χ^2 /NDF: 1147711.9/19

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1830.102+/-711.335 χ^2/NDF : 9.7/16

Left Out: -743.805+/-2352.342 χ^2/NDF : 0.0/0

Right Out: 2222.274+/-682.500 χ^2/NDF : 18.6/19

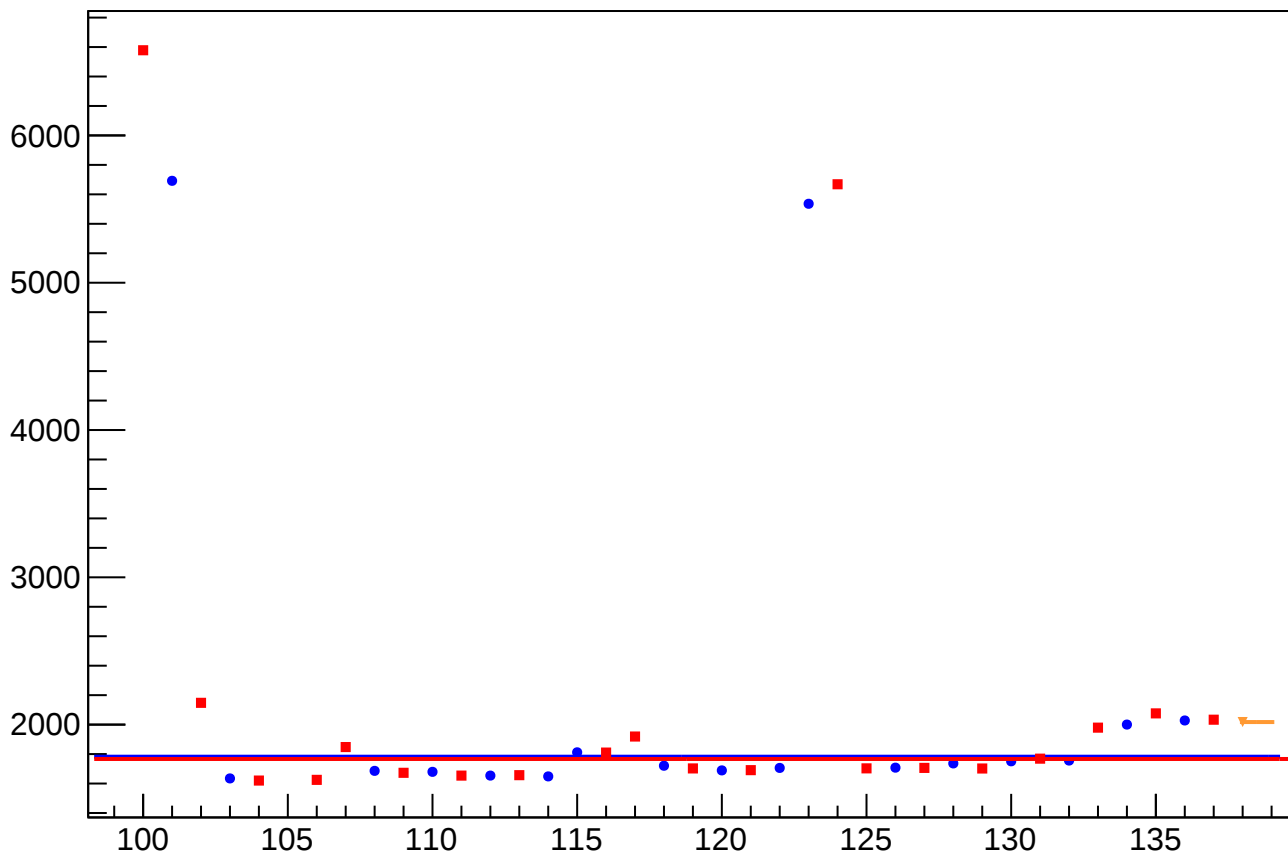
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1614.457+/-680.885 χ^2/NDF : 10.8/17

1917.646+/-482.028 χ^2/NDF : 29.8/37

2222.274+/-682.500 χ^2/NDF : 18.6/19

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1782.137+/-0.503 χ^2/NDF : 645188.8/16

Left Out: 2017.428+/-1.663 χ^2/NDF : 0.0/0

Right Out: 1766.719+/-0.479 χ^2/NDF : 307297.1/19

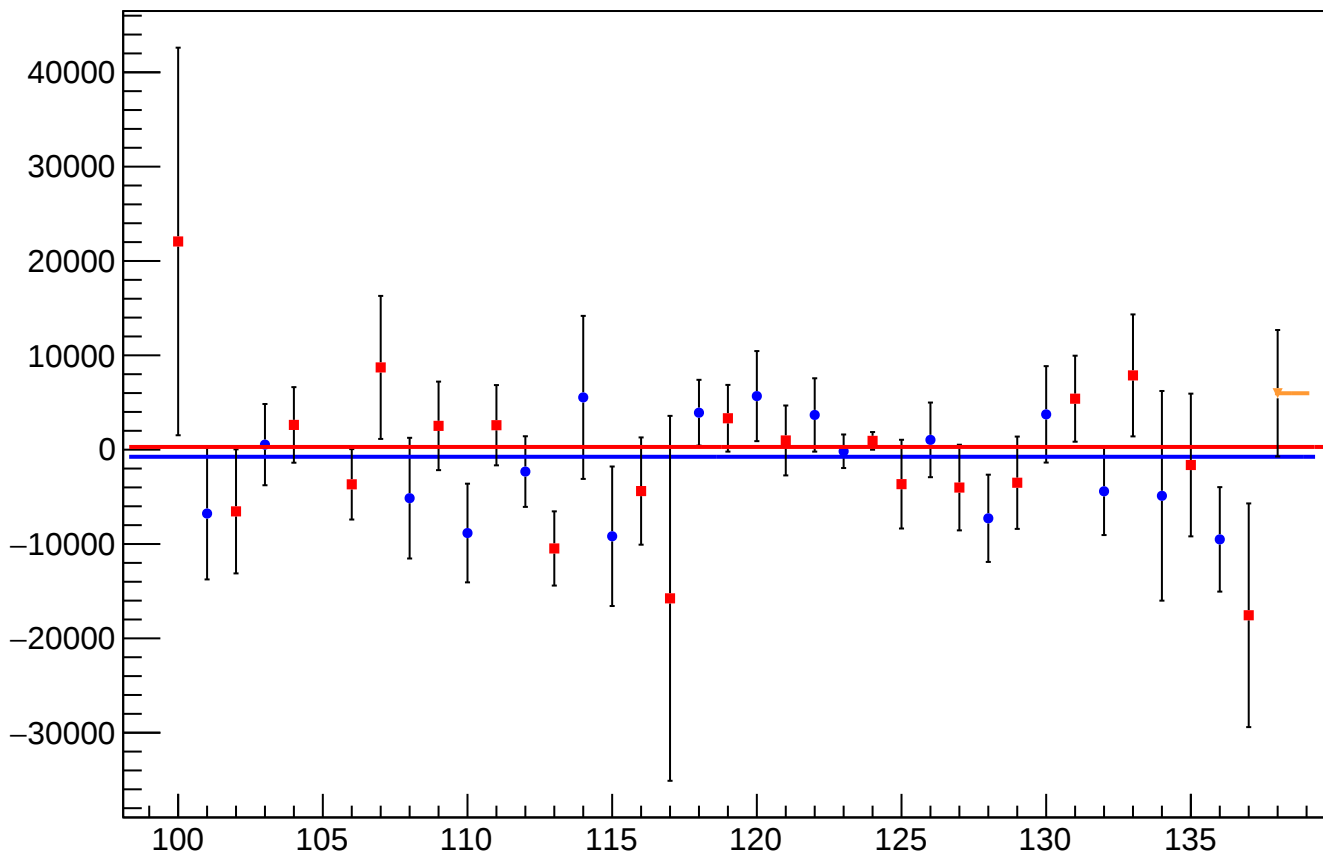
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1801.850+/-0.481 χ^2/NDF : 663522.1/17

1784.206+/-0.340 χ^2/NDF : 973493.3/37

1766.719+/-0.479 χ^2/NDF : 307297.1/19

asym_atr1l2_avg_correction_mean vs Slug, Sign Corrected



Right In: -753.428+/-1008.523 χ^2/NDF : 16.9/16

Left Out: 5980.788+/-6703.056 χ^2/NDF : 0.0/0

Right Out: 288.847+/-724.622 χ^2/NDF : 22.7/19

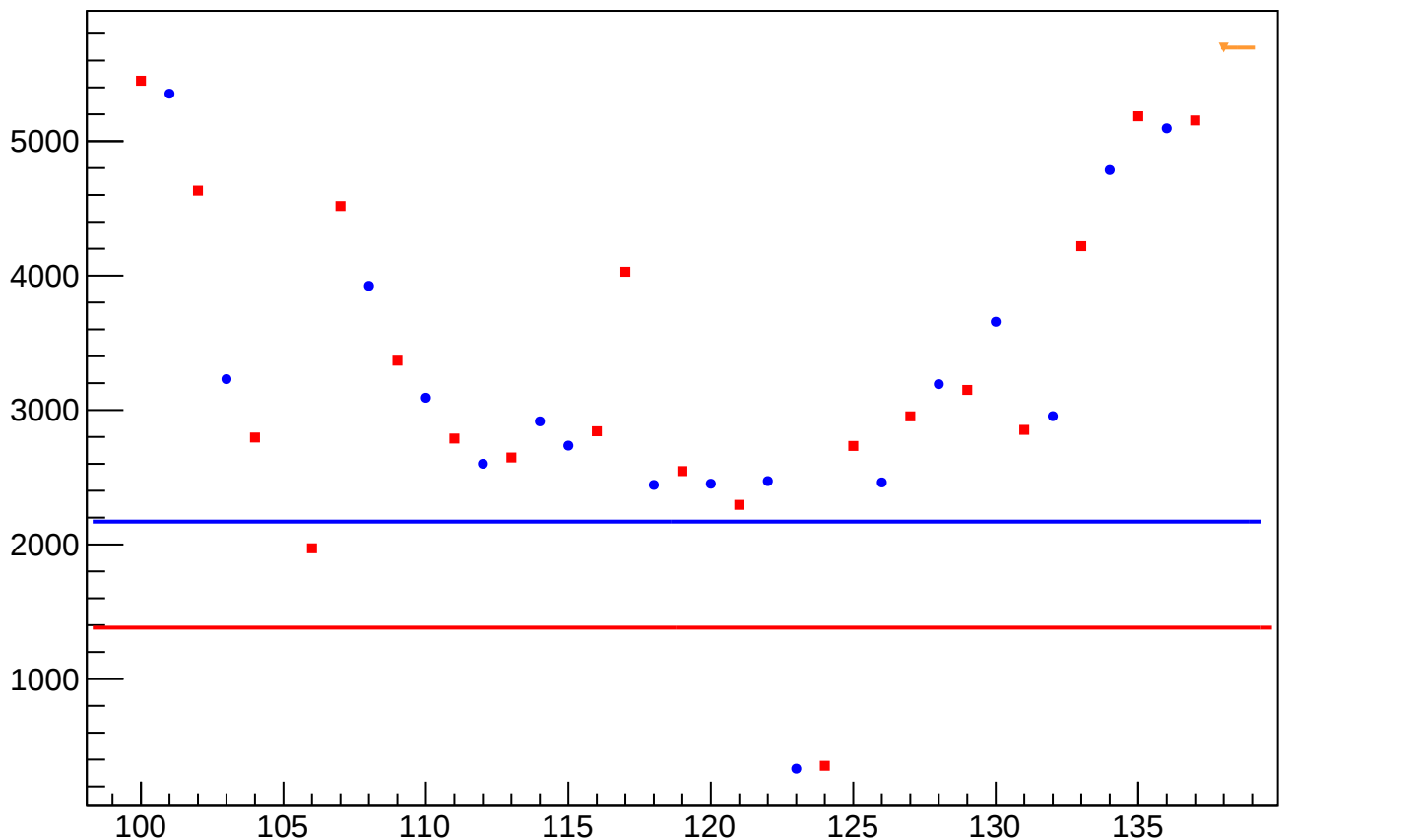
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-604.357+/-997.298 χ^2/NDF : 17.9/17

-19.772+/-586.220 χ^2/NDF : 41.1/37

288.847+/-724.622 χ^2/NDF : 22.7/19

asym_atr1l2_avg_correction_rms vs Slug, Sign Corrected



Right In: 2170.242+/-0.713 χ^2/NDF : 3973725.5/16

Left Out: 5696.297+/-4.740 χ^2/NDF : 0.0/0

Right Out: 1381.438+/-0.512 χ^2/NDF : 6884822.3/19

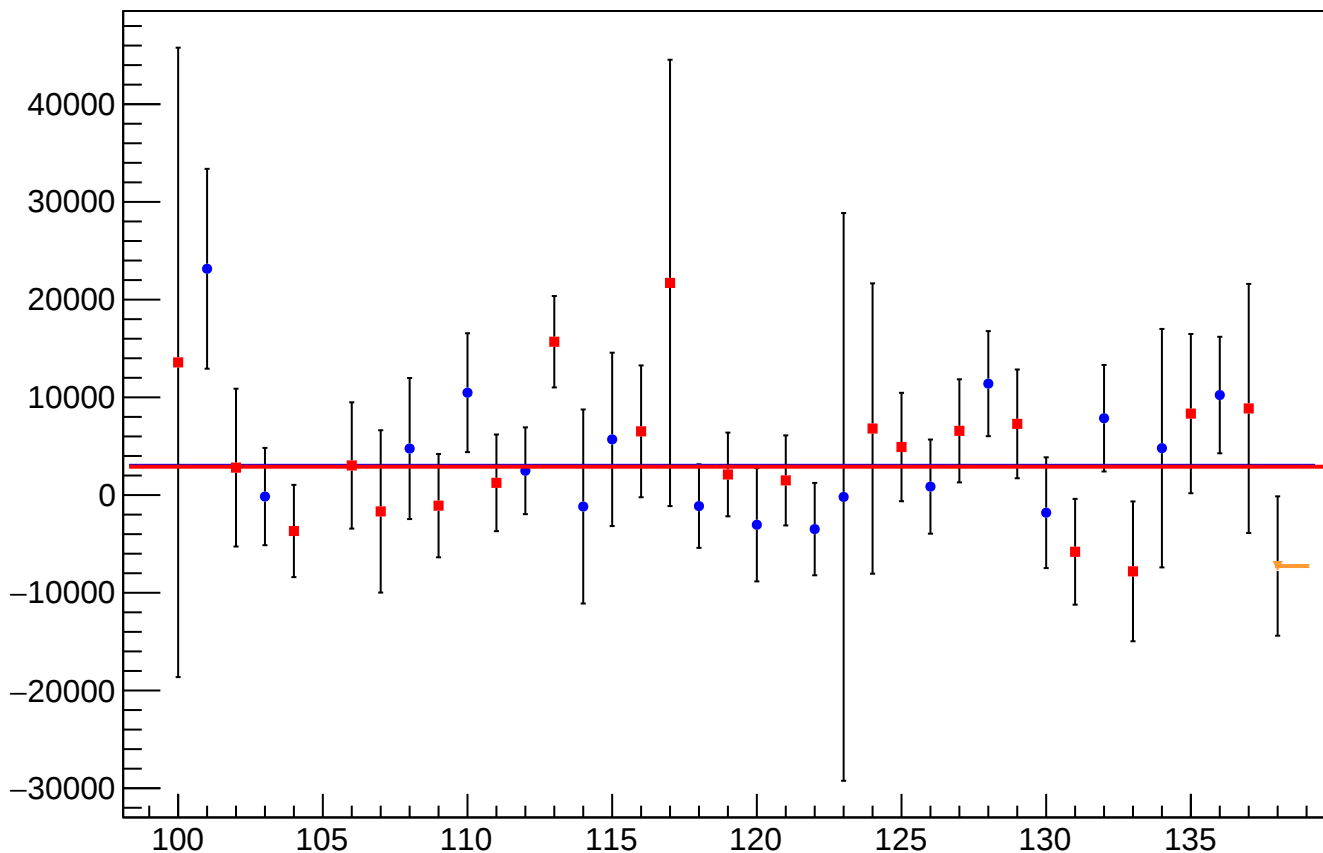
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2248.296+/-0.705 χ^2/NDF : 4514904.4/17

1680.953+/-0.415 χ^2/NDF : 12388673.4/3

1381.438+/-0.512 χ^2/NDF : 6884822.3/19

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 2992.806 $\pm$ 1447.211 χ^2 /NDF: 15.7/16

Left Out: -7262.452 $\pm$ 7130.819 χ^2 /NDF: 0.0/0

Right Out: 2901.985 $\pm$ 1376.603 χ^2 /NDF: 18.4/19

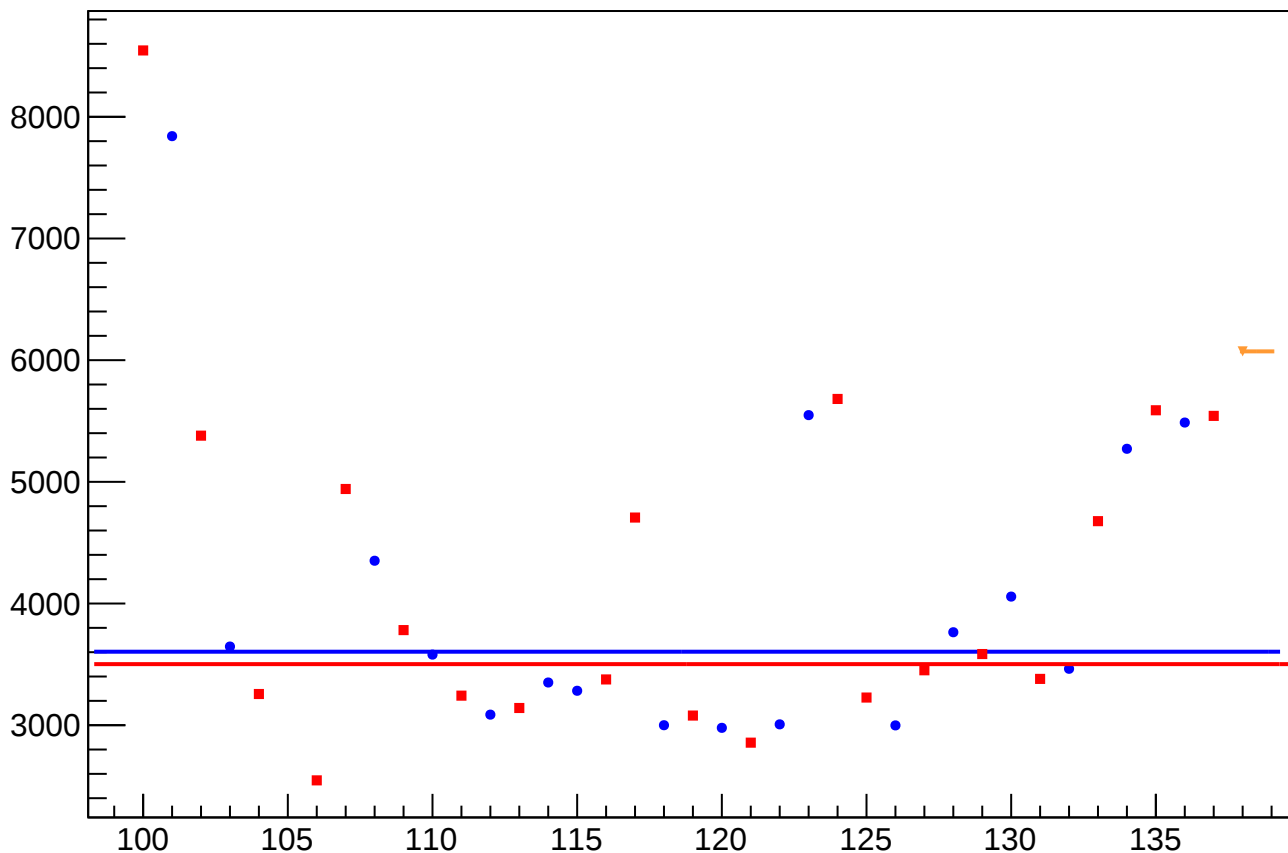
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2587.110 $\pm$ 1418.296 χ^2 /NDF: 17.7/17

2749.243 $\pm$ 987.816 χ^2 /NDF: 36.1/37

2901.985 $\pm$ 1376.603 χ^2 /NDF: 18.4/19

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 3603.930+/-1.023 χ^2/NDF : 784674.5/16

Left Out: 6072.322+/-5.042 χ^2/NDF : 0.0/0

Right Out: 3501.857+/-0.960 χ^2/NDF : 667483.1/19

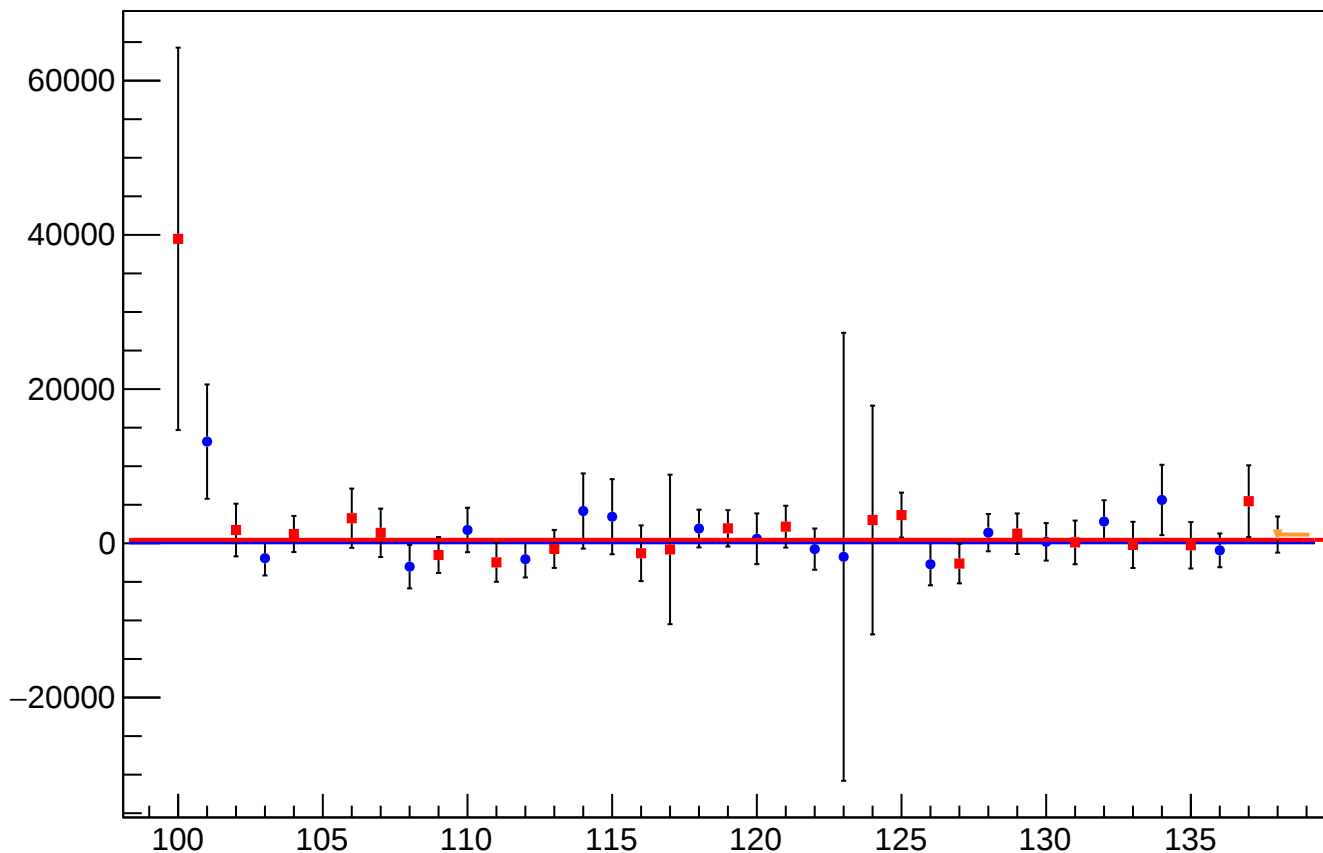
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3701.578+/-1.003 χ^2/NDF : 1014845.2/17

3597.349+/-0.693 χ^2/NDF : 1703025.6/37

3501.857+/-0.960 χ^2/NDF : 667483.1/19

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 130.913+/-709.207 χ^2/NDF : 12.2/16

Left Out: 1134.459+/-2341.893 χ^2/NDF : 0.0/0

Right Out: 452.872+/-680.160 χ^2/NDF : 10.7/19

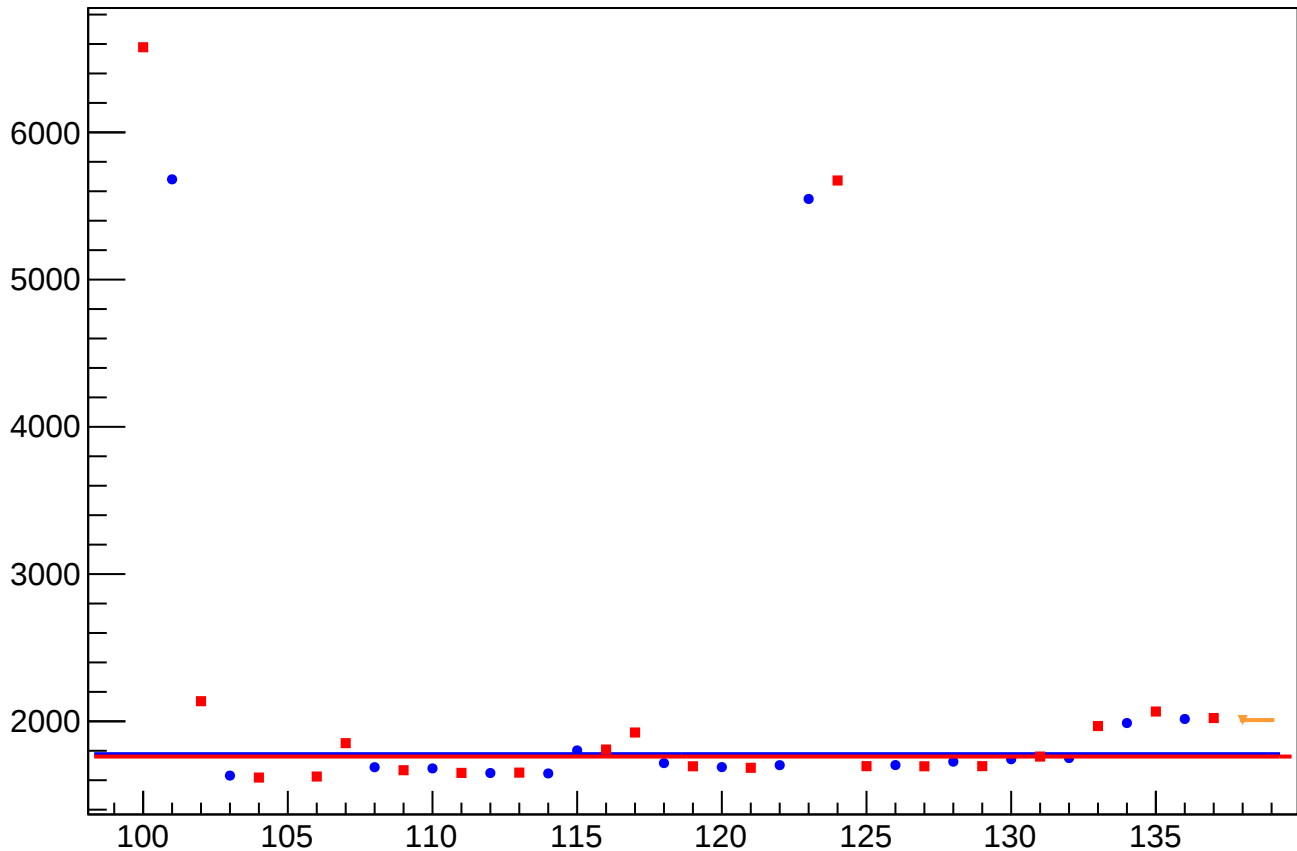
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

215.216+/-678.765 χ^2/NDF : 12.3/17

333.800+/-480.452 χ^2/NDF : 23.1/37

452.872+/-680.160 χ^2/NDF : 10.7/19

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1776.879+/-0.501 χ^2/NDF : 643576.8/16

Left Out: 2008.499+/-1.656 χ^2/NDF : 0.0/0

Right Out: 1760.787+/-0.478 χ^2/NDF : 306724.5/19

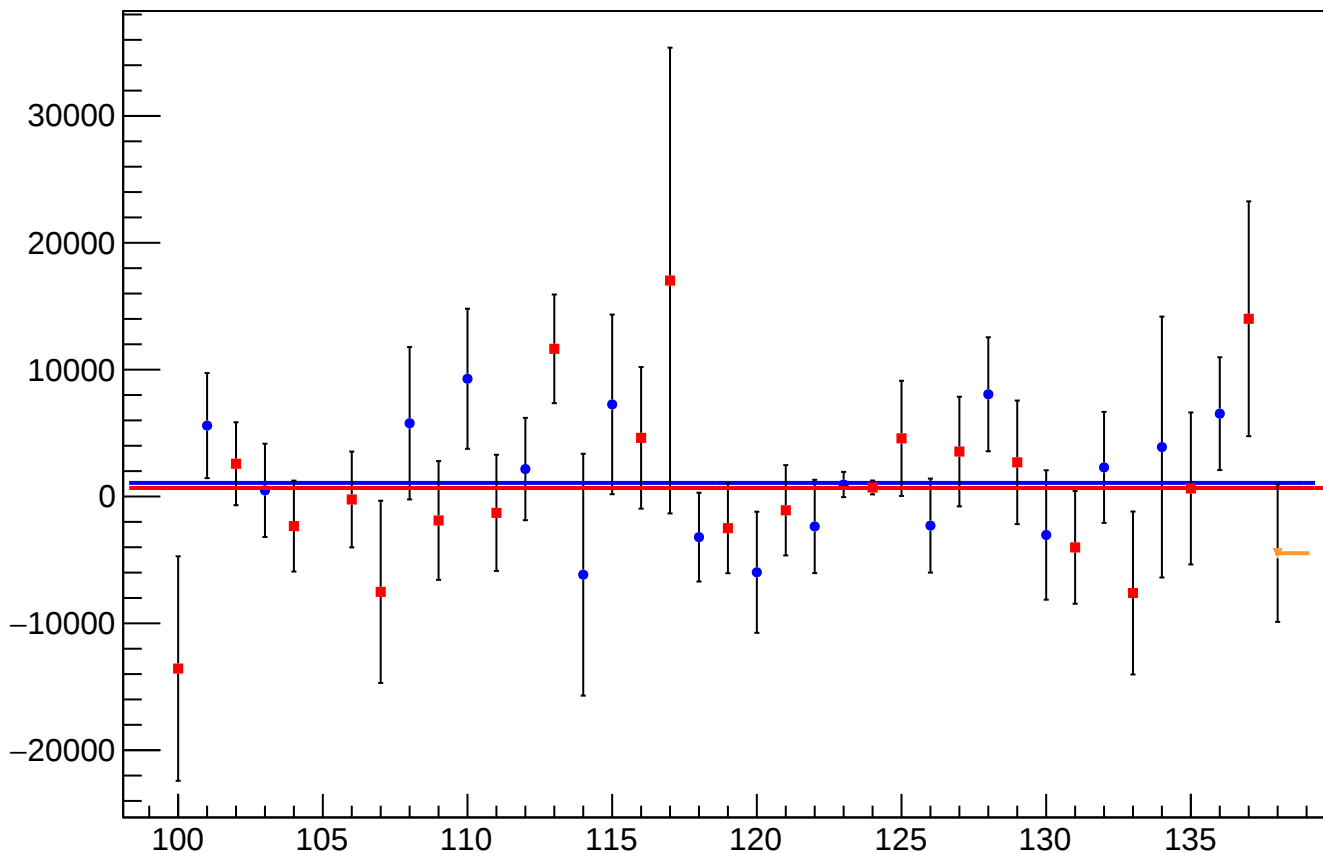
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1796.336+/-0.480 χ^2/NDF : 661496.9/17

1778.477+/-0.339 χ^2/NDF : 970977.4/37

1760.787+/-0.478 χ^2/NDF : 306724.5/19

asym_atr1l2_dd_correction_mean vs Slug, Sign Corrected



Right In: 1072.194+/-752.280 χ^2/NDF : 15.6/16

Left Out: -4468.599+/-5418.636 χ^2/NDF : 0.0/0

Right Out: 670.313+/-487.861 χ^2/NDF : 20.6/19

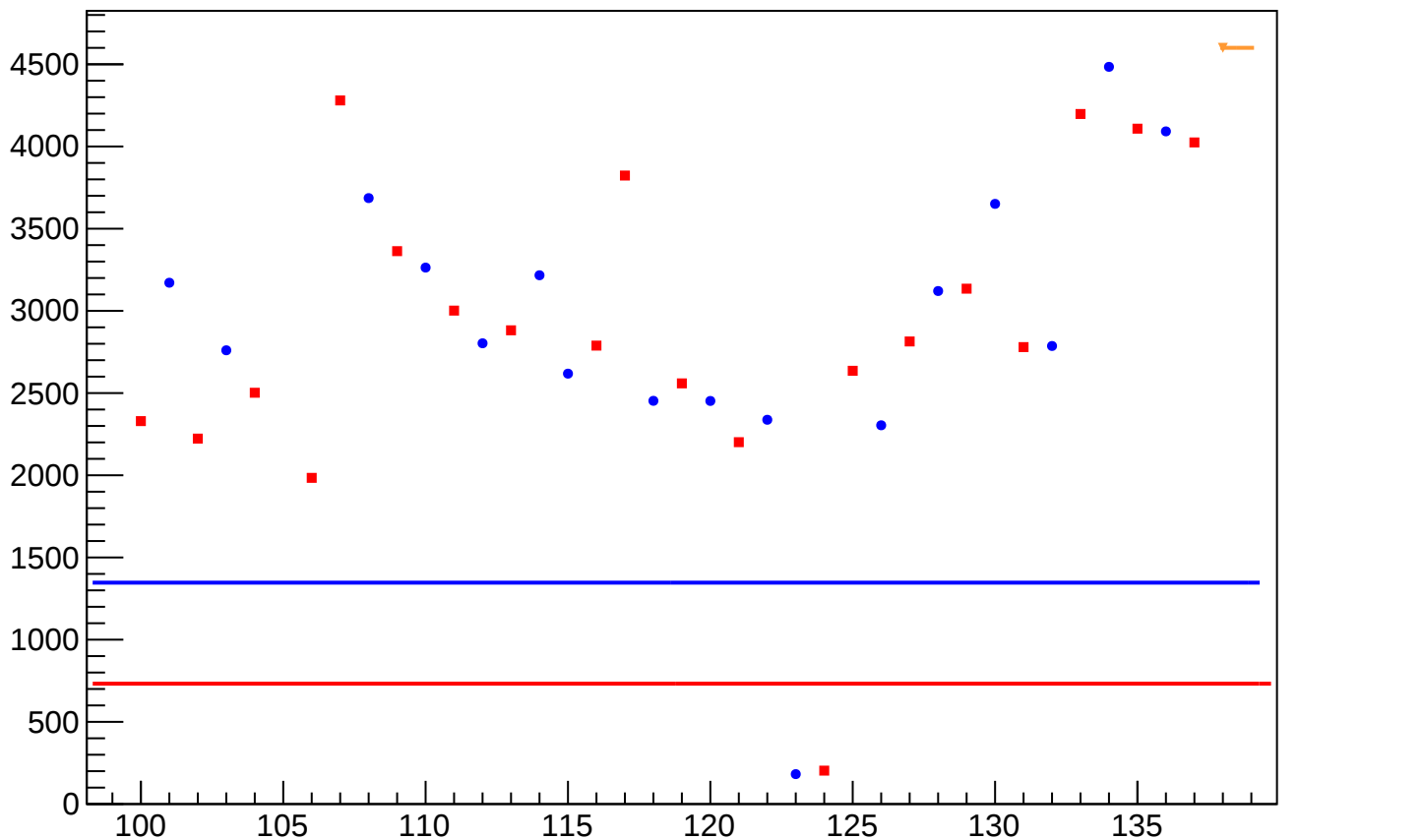
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

967.419+/-745.133 χ^2/NDF : 16.6/17

759.459+/-408.160 χ^2/NDF : 37.3/37

670.313+/-487.861 χ^2/NDF : 20.6/19

asym_atr1l2_dd_correction_rms vs Slug, Sign Corrected



Right In: 1346.836+/-0.532 χ^2/NDF : 6839112.6/16

Left Out: 4600.254+/-3.832 χ^2/NDF : 0.0/0

Right Out: 732.303+/-0.345 χ^2/NDF : 9559853.6/19

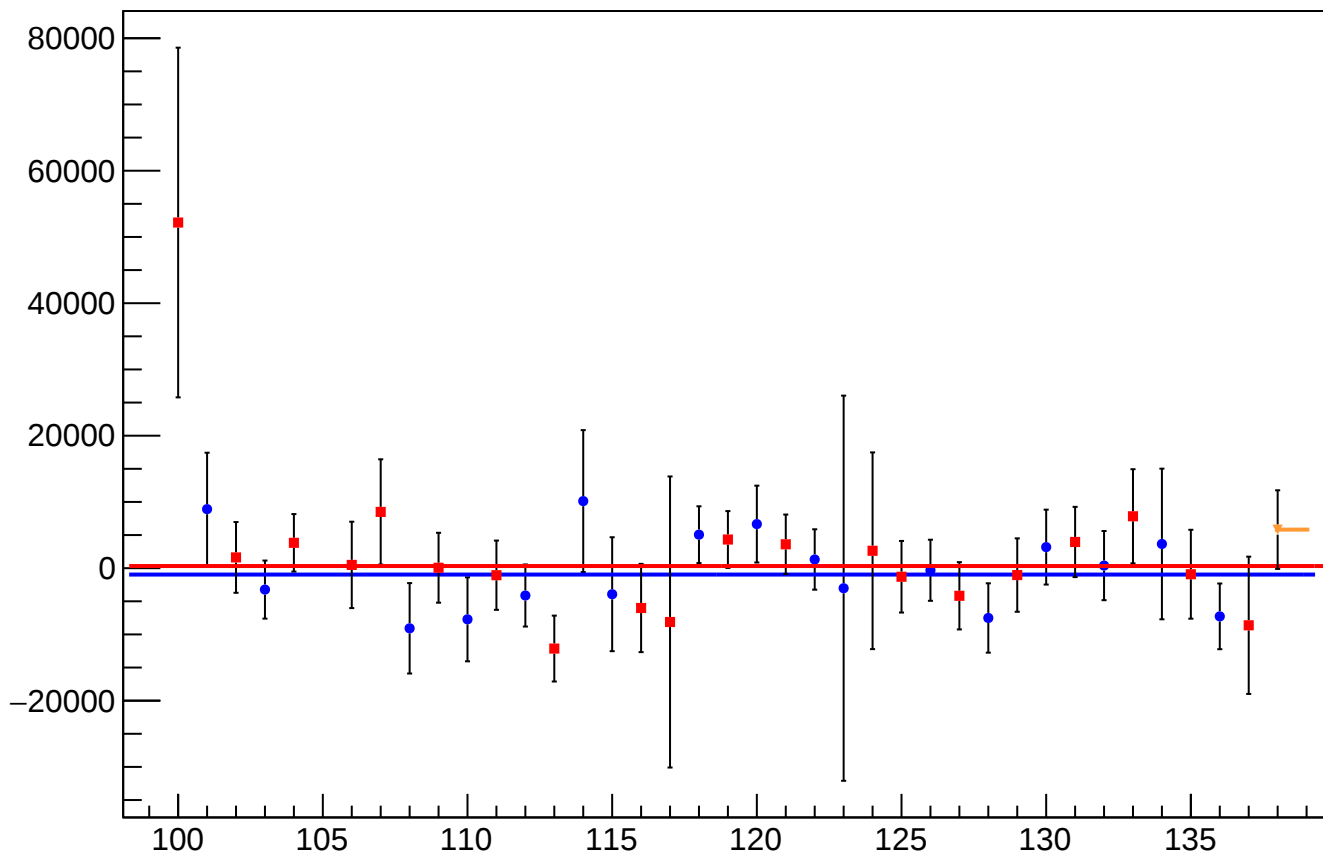
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1408.358+/-0.527 χ^2/NDF : 7546469.5/17

935.153+/-0.289 χ^2/NDF : 18258695.5/37

732.303+/-0.345 χ^2/NDF : 9559853.6/19

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -964.151+/-1395.626 χ^2/NDF : 13.7/16

Left Out: 5821.829+/-5937.162 χ^2/NDF : 0.0/0

Right Out: 323.694+/-1327.331 χ^2/NDF : 17.8/19

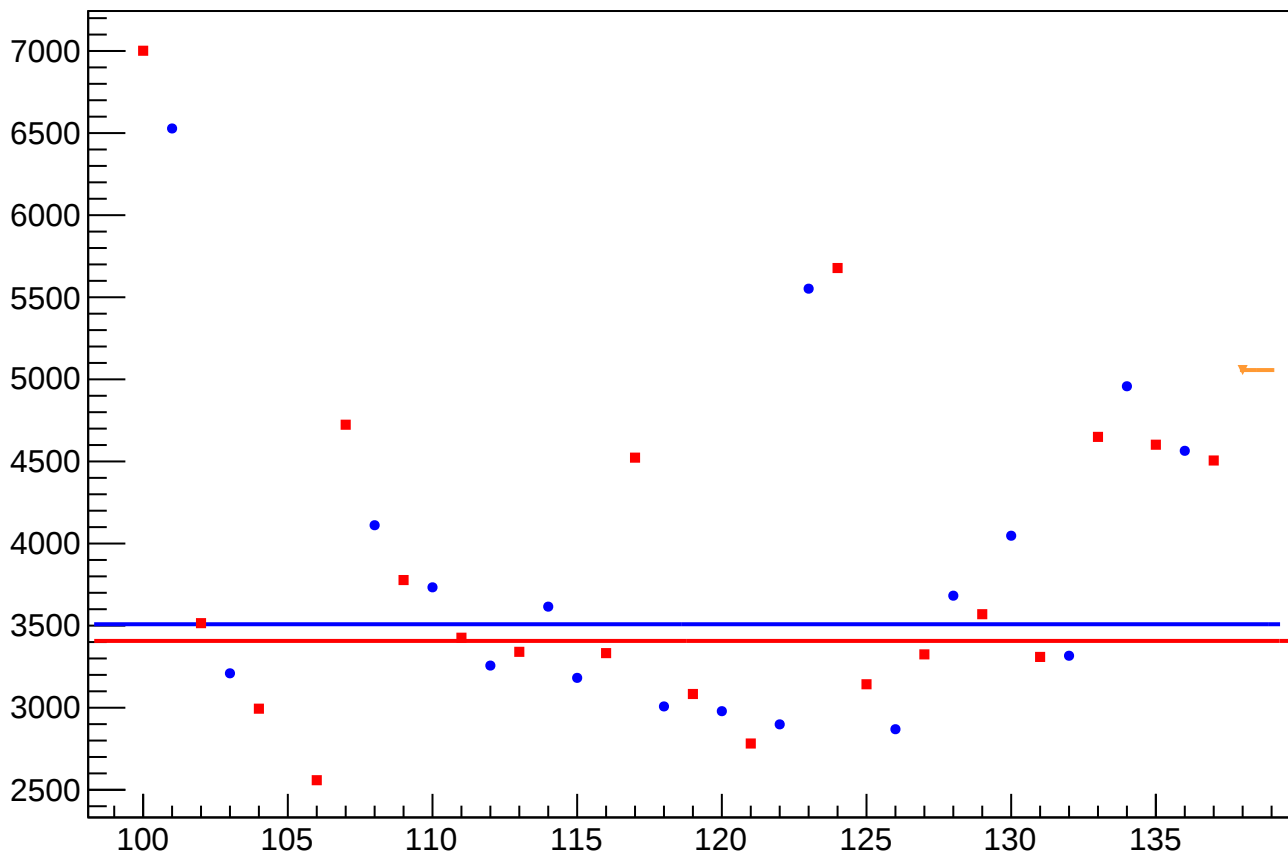
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-608.819+/-1358.595 χ^2/NDF : 15.0/17

-131.709+/-949.425 χ^2/NDF : 33.0/37

323.694+/-1327.331 χ^2/NDF : 17.8/19

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3508.483+/-0.987 χ^2/NDF : 562197.7/16

Left Out: 5056.659+/-4.198 χ^2/NDF : 0.0/0

Right Out: 3406.868+/-0.926 χ^2/NDF : 433737.9/19

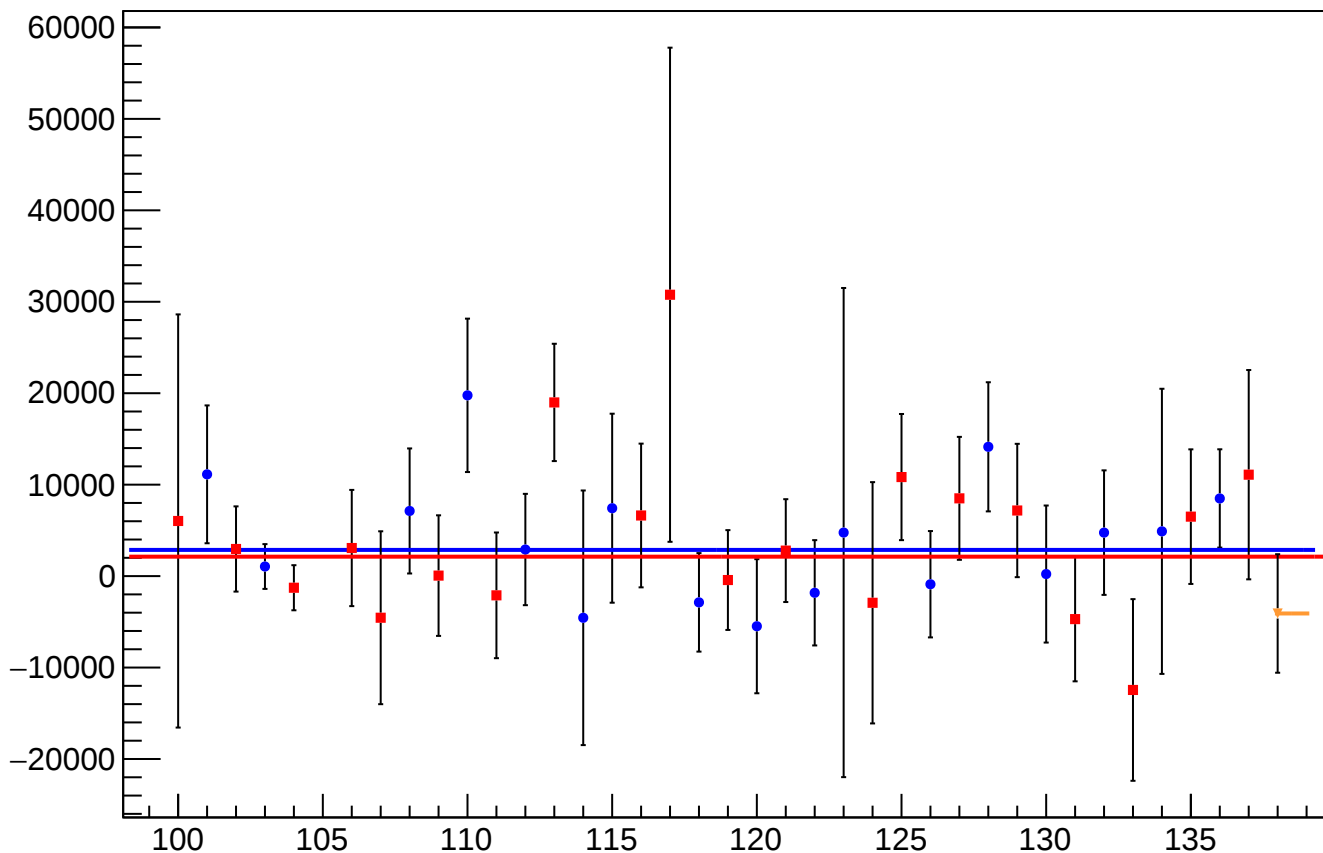
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3589.549+/-0.961 χ^2/NDF : 691068.7/17

3494.898+/-0.667 χ^2/NDF : 1143542.4/37

3406.868+/-0.926 χ^2/NDF : 433737.9/19

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2864.770 $\pm$ 1452.658 χ^2 /NDF: 14.1/16

Left Out: -4086.240 $\pm$ 6480.434 χ^2 /NDF: 0.0/0

Right Out: 2126.105 $\pm$ 1379.774 χ^2 /NDF: 18.8/19

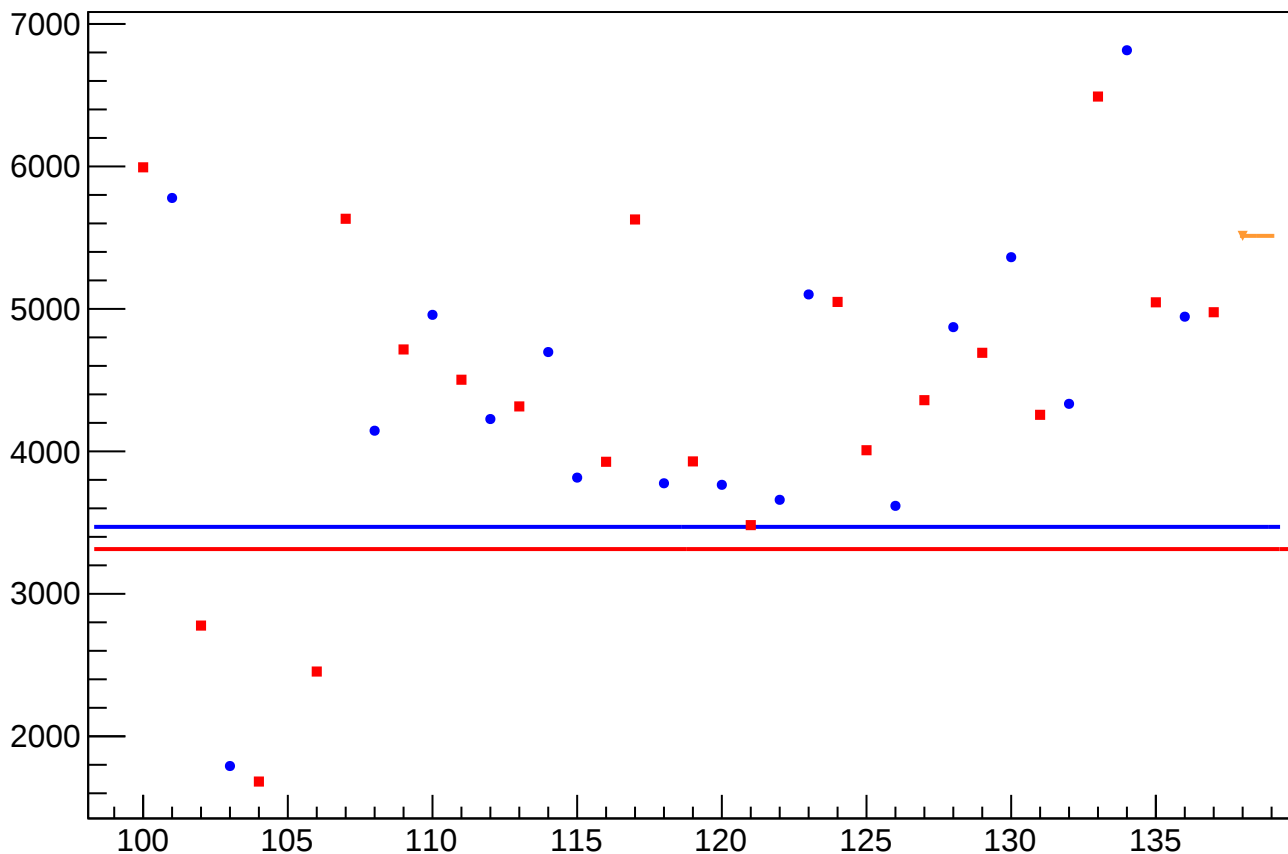
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2532.207 $\pm$ 1417.481 χ^2 /NDF: 15.2/17

2323.683 $\pm$ 988.710 χ^2 /NDF: 34.0/37

2126.105 $\pm$ 1379.774 χ^2 /NDF: 18.8/19

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3470.042+/-1.027 χ^2/NDF : 1760860.6/16

Left Out: 5512.679+/-4.582 χ^2/NDF : 0.0/0

Right Out: 3314.183+/-0.967 χ^2/NDF : 1925484.9/19

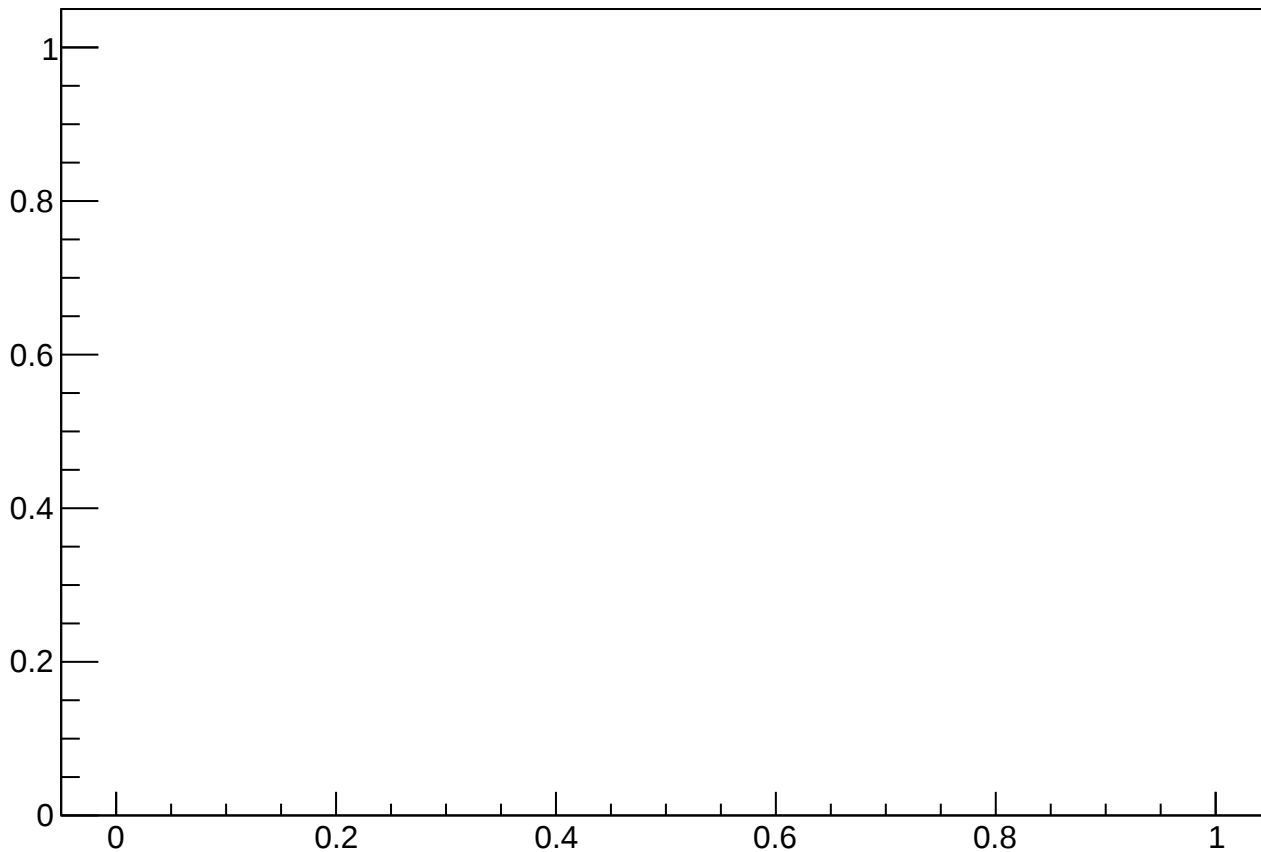
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3567.765+/-1.002 χ^2/NDF : 1950057.2/17

3436.400+/-0.696 χ^2/NDF : 3908702.2/37

3314.183+/-0.967 χ^2/NDF : 1925484.9/19

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

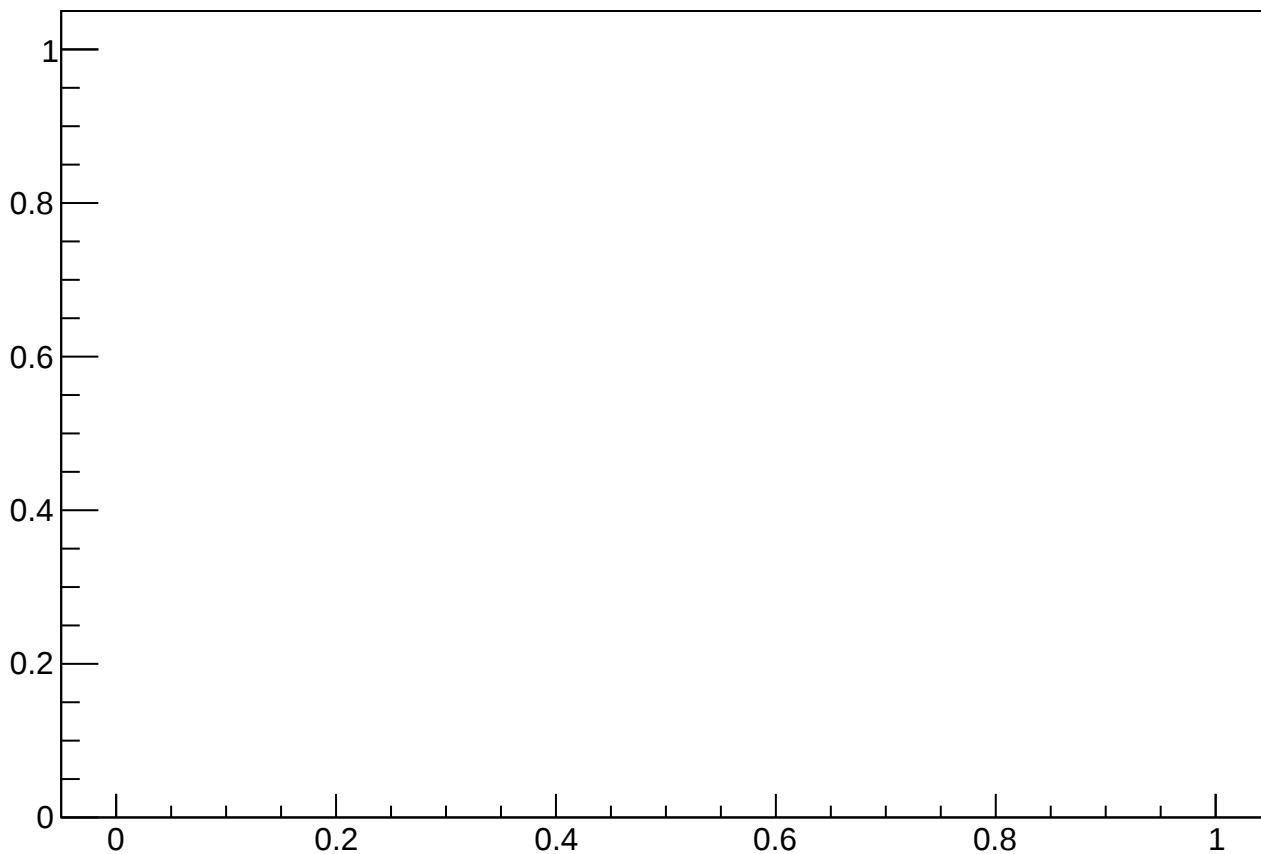
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

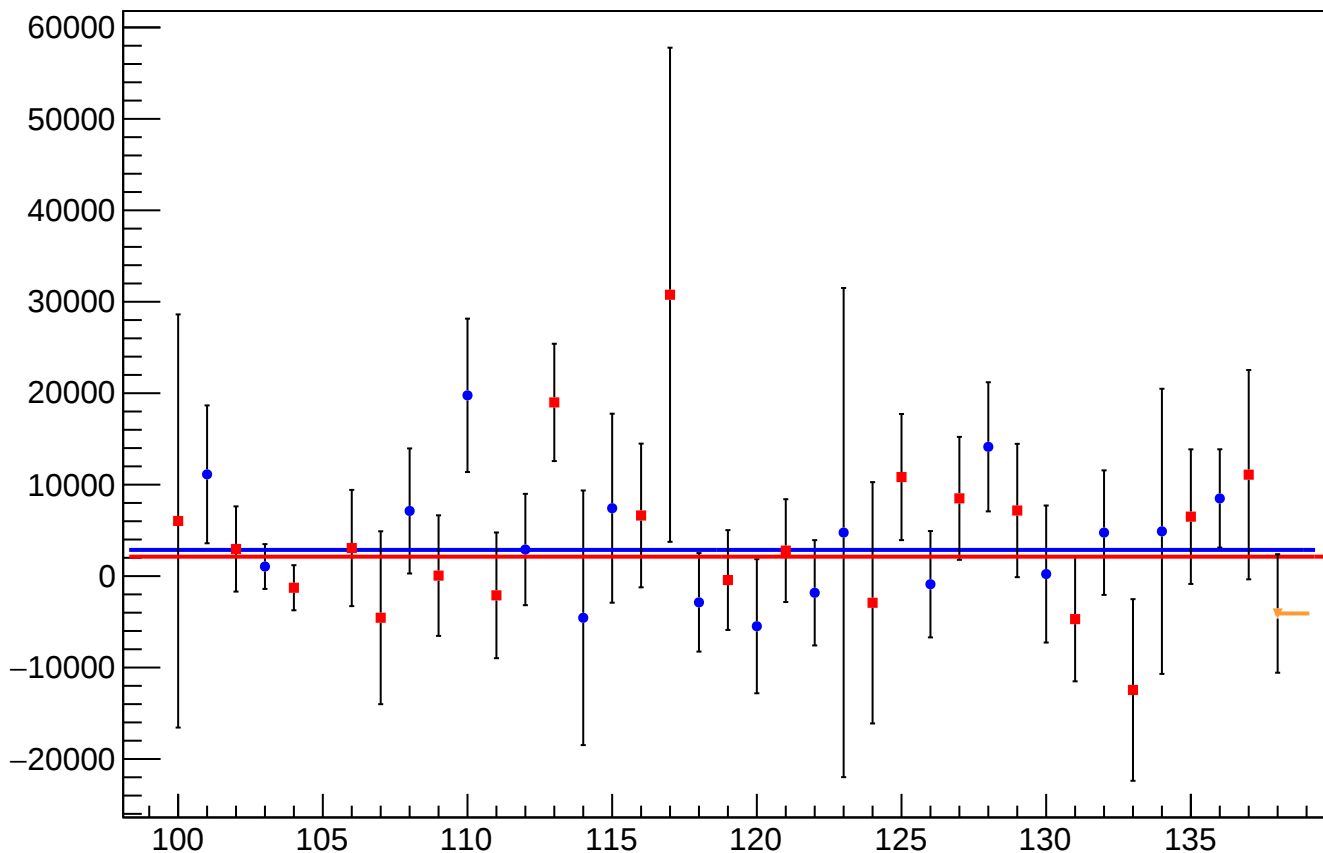
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 2864.770+/-1452.658 χ^2/NDF : 14.1/16

Left Out: -4086.240+/-6480.434 χ^2/NDF : 0.0/0

Right Out: 2126.105+/-1379.774 χ^2/NDF : 18.8/19

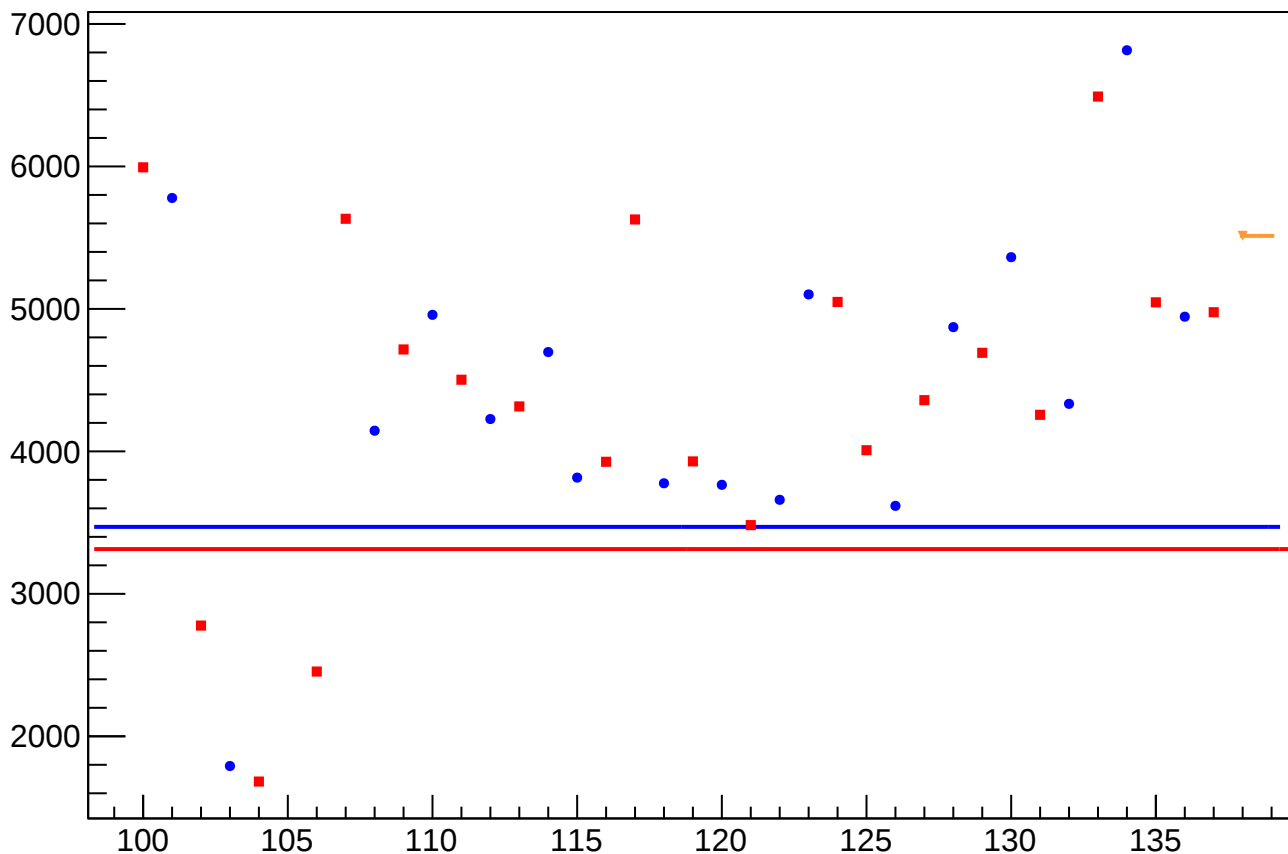
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2532.207+/-1417.481 χ^2/NDF : 15.2/17

2323.683+/-988.710 χ^2/NDF : 34.0/37

2126.105+/-1379.774 χ^2/NDF : 18.8/19

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3470.042 $\pm$ 1.027 χ^2 /NDF: 1760860.6/16

Left Out: 5512.679 $\pm$ 4.582 χ^2 /NDF: 0.0/0

Right Out: 3314.183 $\pm$ 0.967 χ^2 /NDF: 1925484.9/19

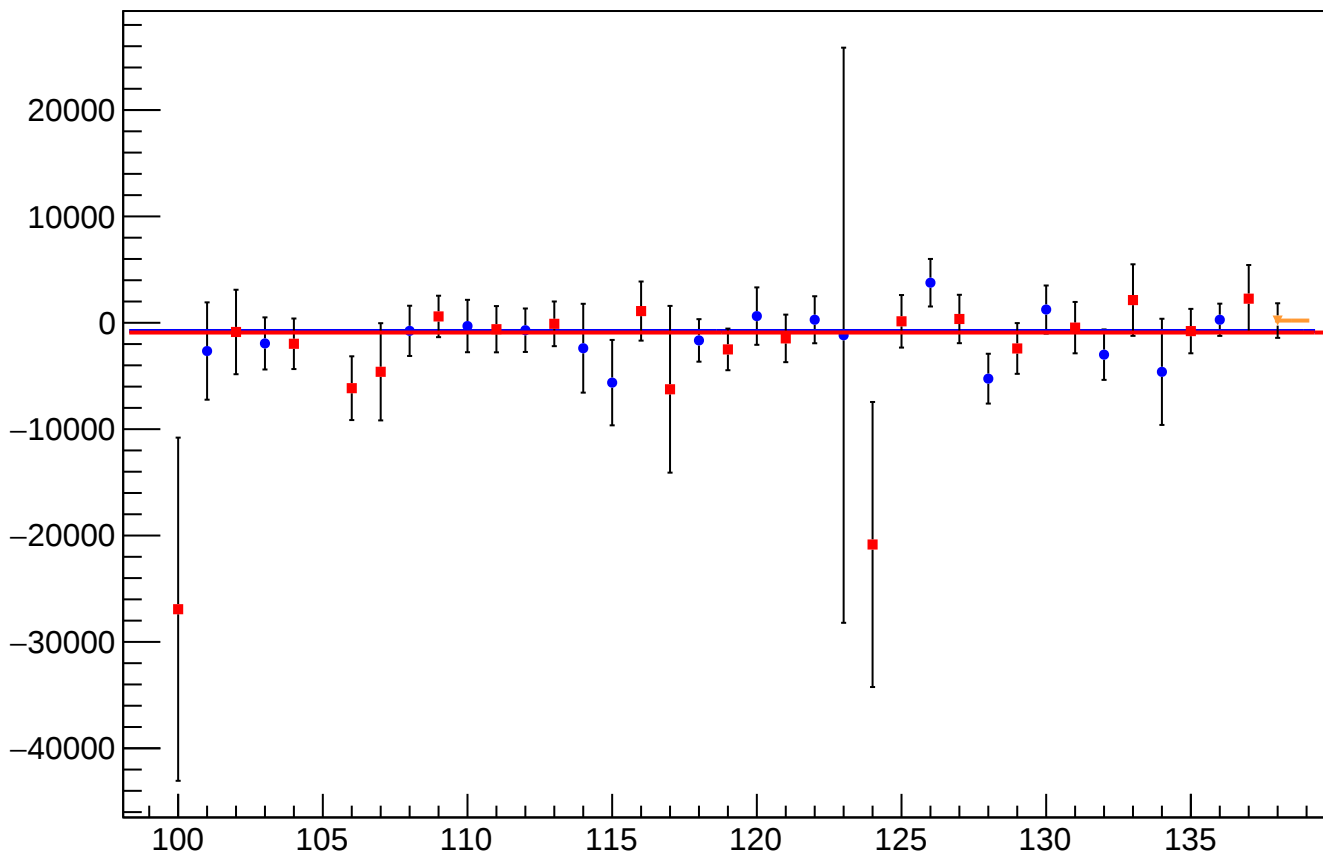
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3567.765 $\pm$ 1.002 χ^2 /NDF: 1950057.2/17

3436.400 $\pm$ 0.696 χ^2 /NDF: 3908702.2/37

3314.183 $\pm$ 0.967 χ^2 /NDF: 1925484.9/19

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -771.153+/-603.689 χ^2/NDF : 13.3/16

Left Out: 209.113+/-1626.160 χ^2/NDF : 0.0/0

Right Out: -915.893+/-593.346 χ^2/NDF : 14.0/19

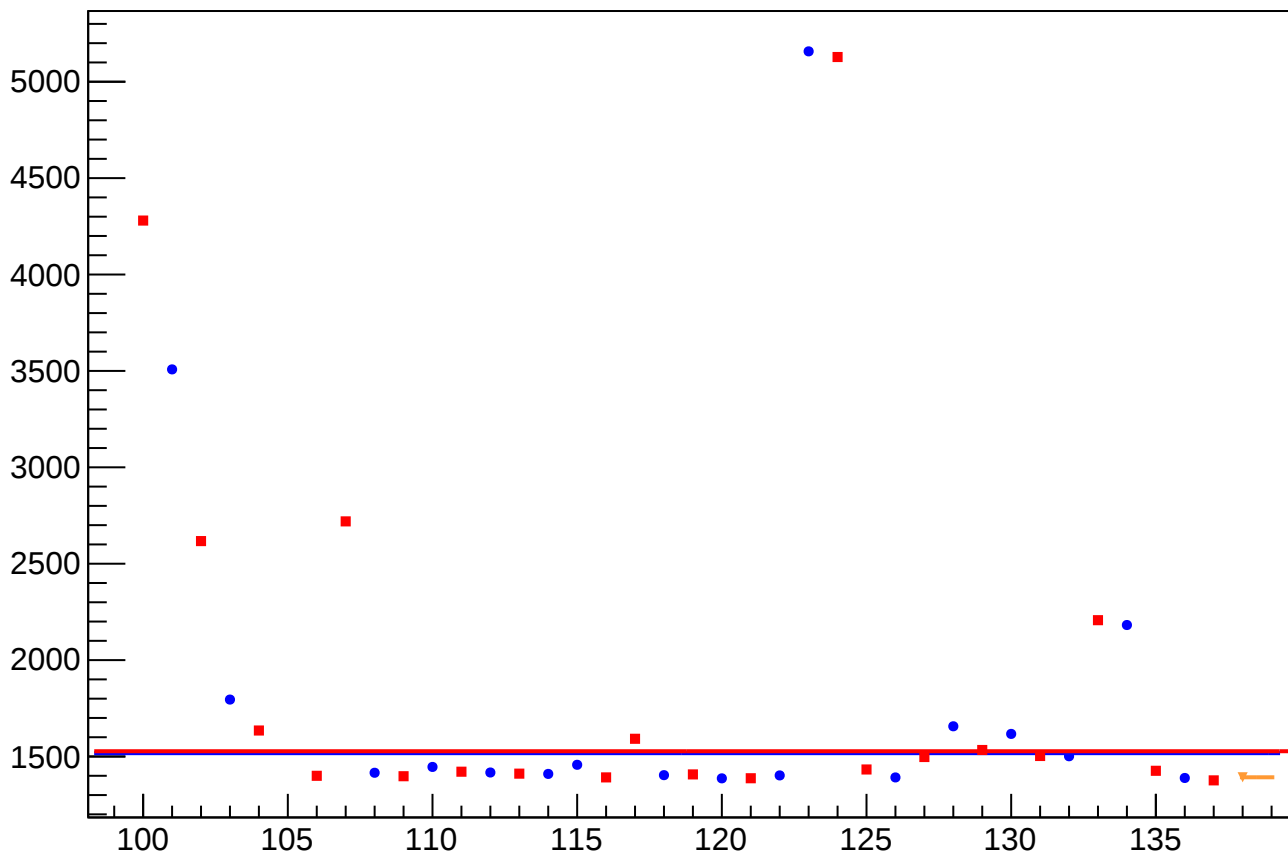
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-652.419+/-565.949 χ^2/NDF : 13.6/17

-777.933+/-409.529 χ^2/NDF : 27.7/37

-915.893+/-593.346 χ^2/NDF : 14.0/19

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1517.334+/-0.427 χ^2/NDF : 536662.7/16

Left Out: 1392.205+/-1.150 χ^2/NDF : 0.0/0

Right Out: 1527.378+/-0.420 χ^2/NDF : 631820.9/19

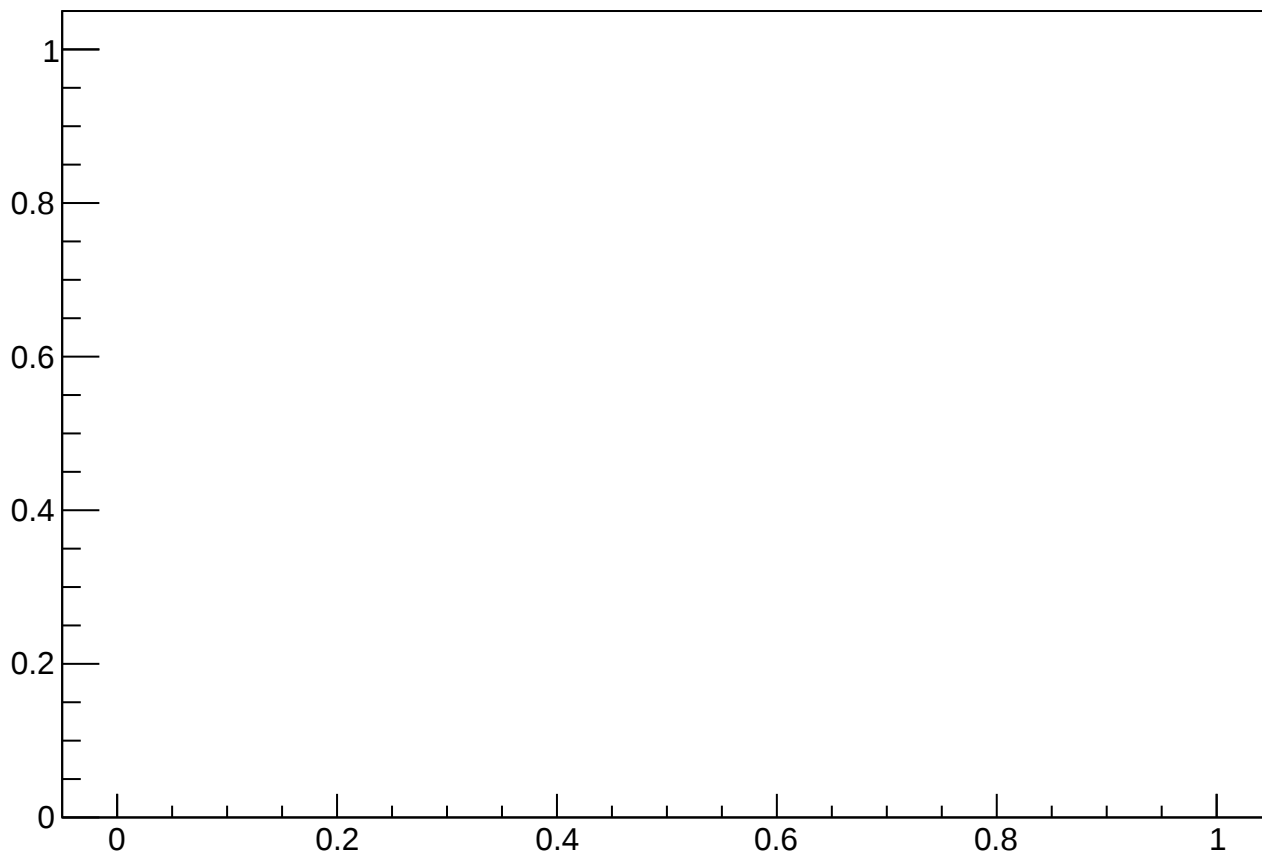
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1502.178+/-0.400 χ^2/NDF : 547070.3/17

1514.183+/-0.290 χ^2/NDF : 1180780.1/37

1527.378+/-0.420 χ^2/NDF : 631820.9/19

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

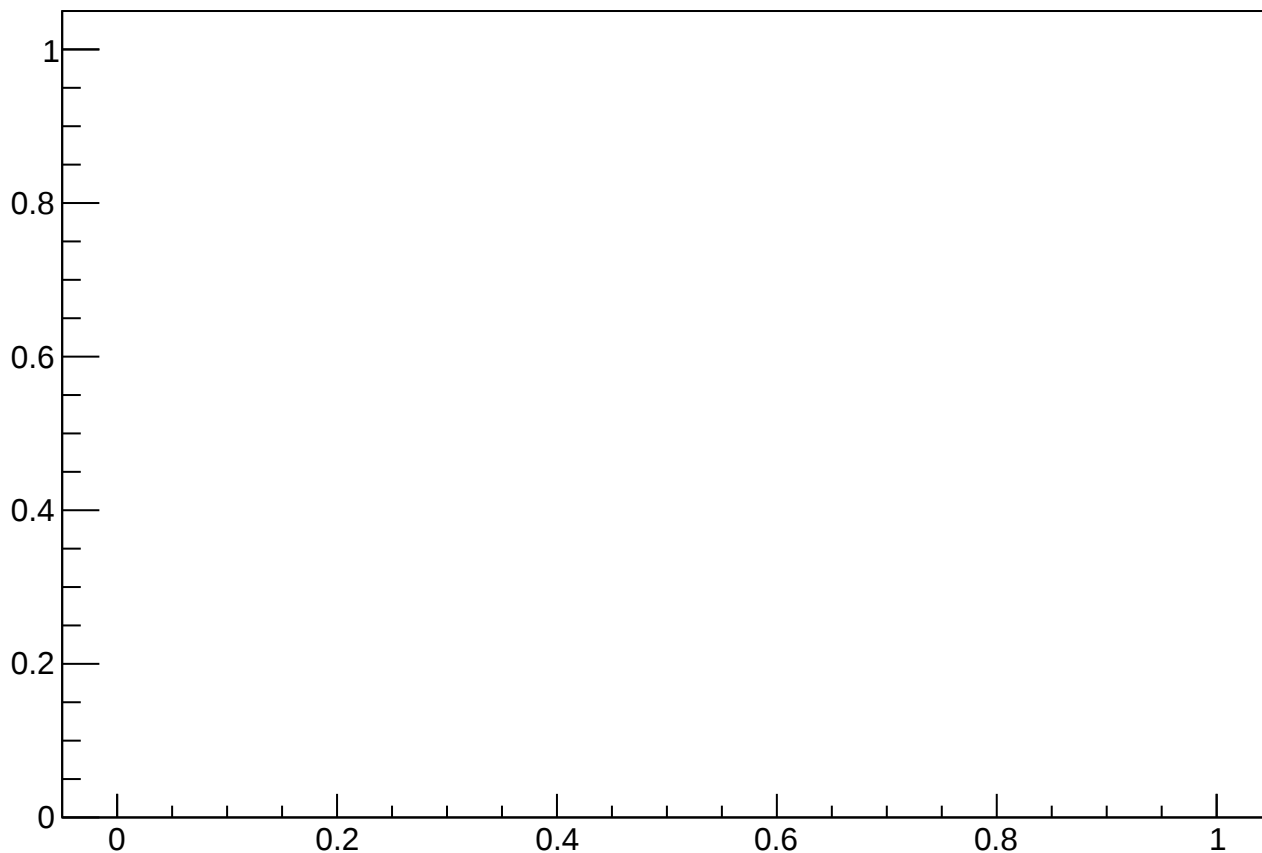
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

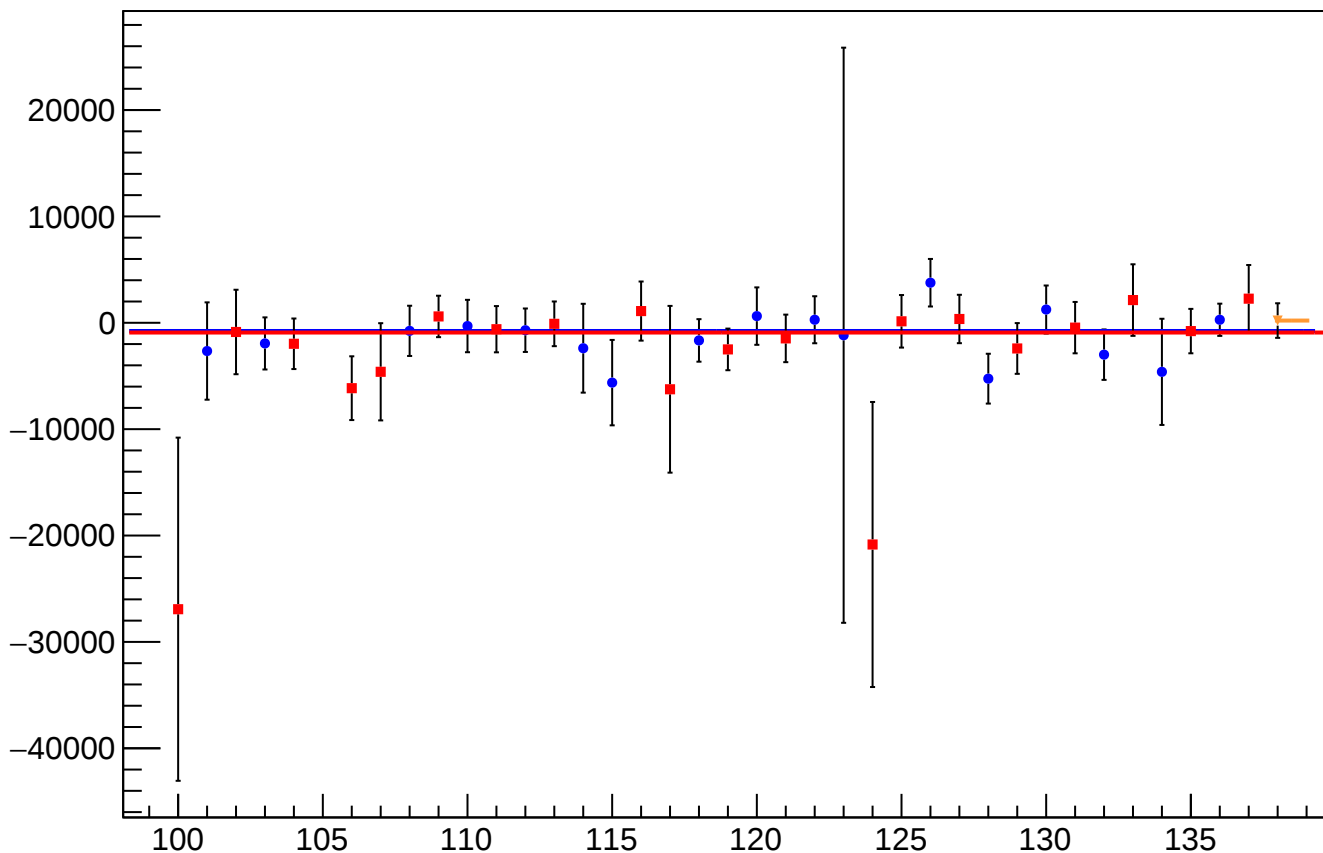
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -771.153+/-603.689 χ^2/NDF : 13.3/16

Left Out: 209.113+/-1626.160 χ^2/NDF : 0.0/0

Right Out: -915.893+/-593.346 χ^2/NDF : 14.0/19

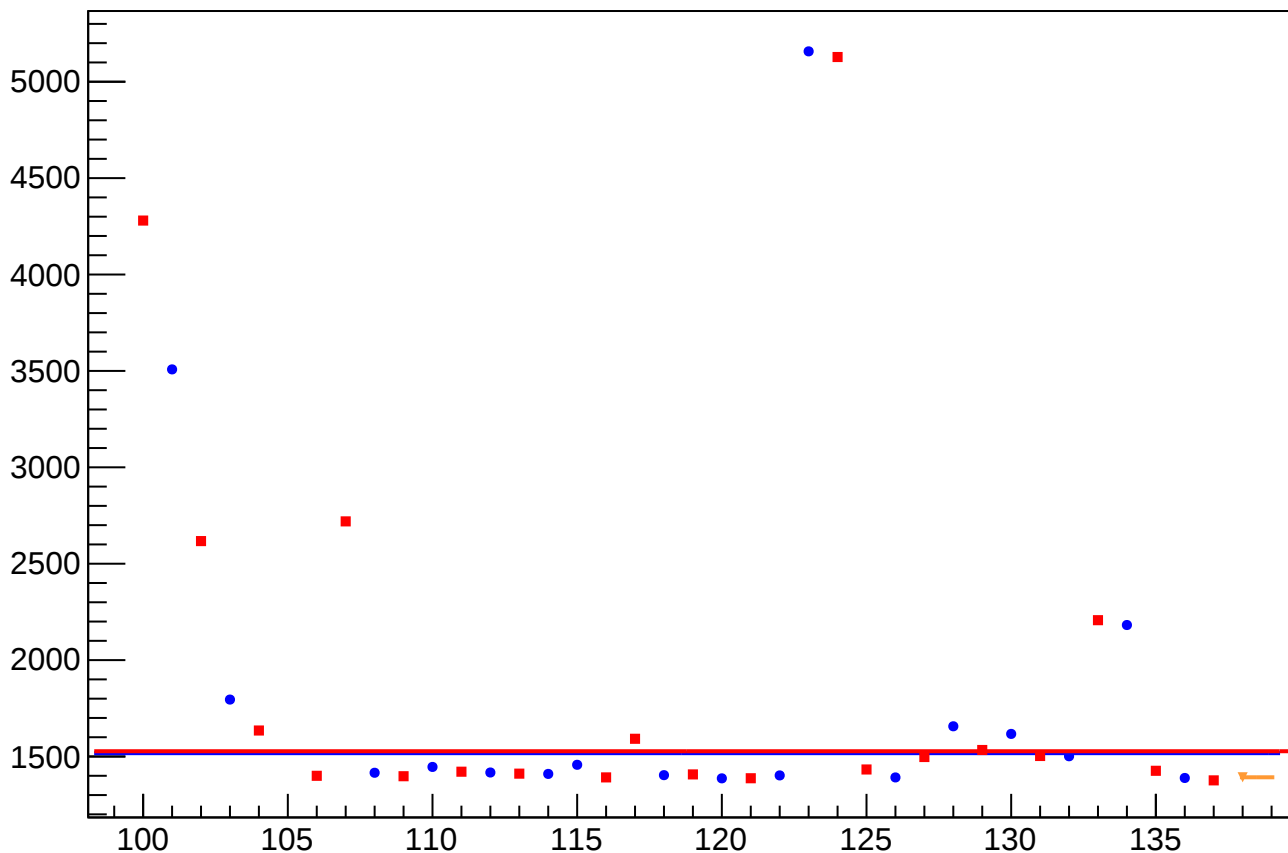
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-652.419+/-565.949 χ^2/NDF : 13.6/17

-777.933+/-409.529 χ^2/NDF : 27.7/37

-915.893+/-593.346 χ^2/NDF : 14.0/19

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1517.334+/-0.427 χ^2/NDF : 536662.7/16

Left Out: 1392.205+/-1.150 χ^2/NDF : 0.0/0

Right Out: 1527.378+/-0.420 χ^2/NDF : 631820.9/19

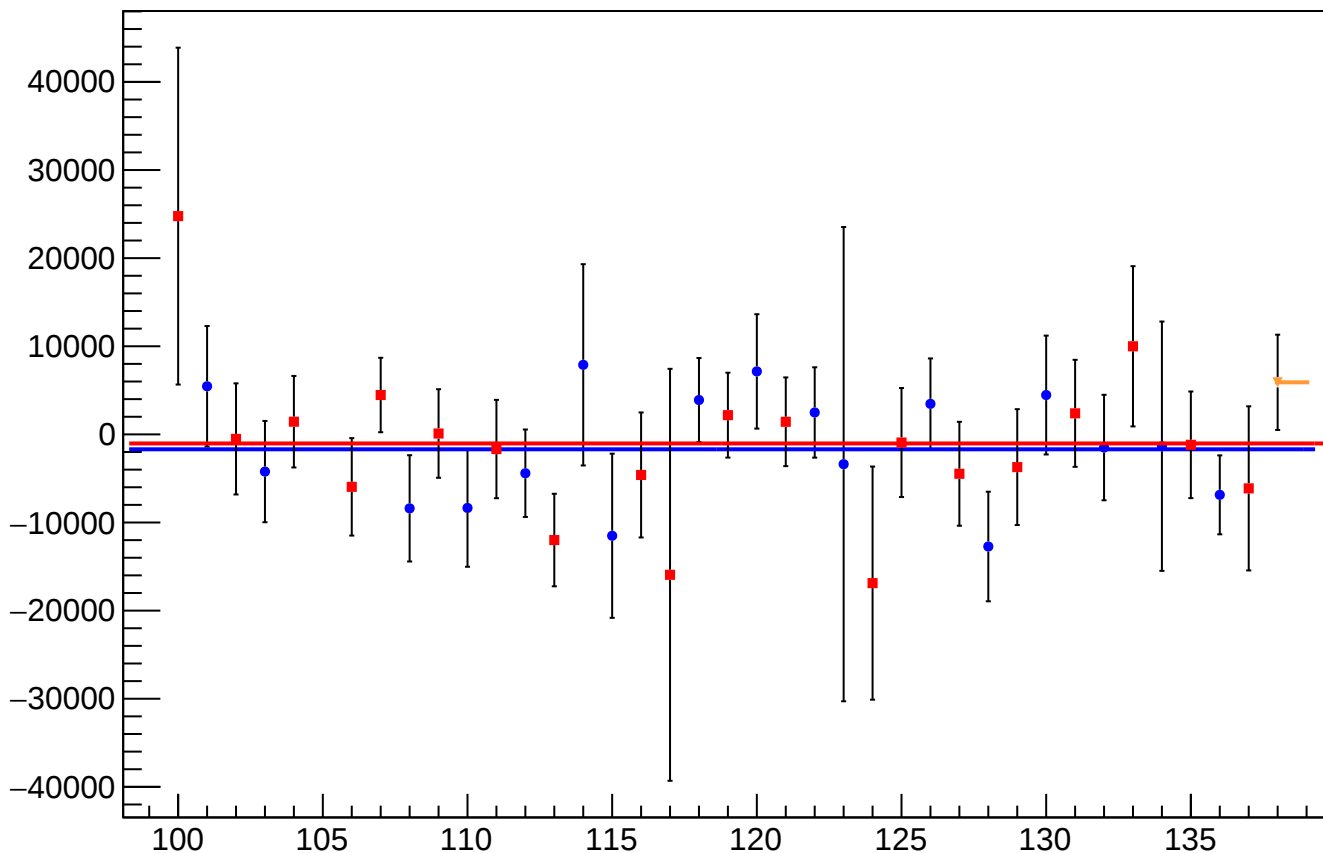
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1502.178+/-0.400 χ^2/NDF : 547070.3/17

1514.183+/-0.290 χ^2/NDF : 1180780.1/37

1527.378+/-0.420 χ^2/NDF : 631820.9/19

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1692.604 $\pm$ 1512.935 χ^2 /NDF: 15.8/16

Left Out: 5908.892 $\pm$ 5405.439 χ^2 /NDF: 0.0/0

Right Out: -1029.768 $\pm$ 1376.481 χ^2 /NDF: 14.3/19

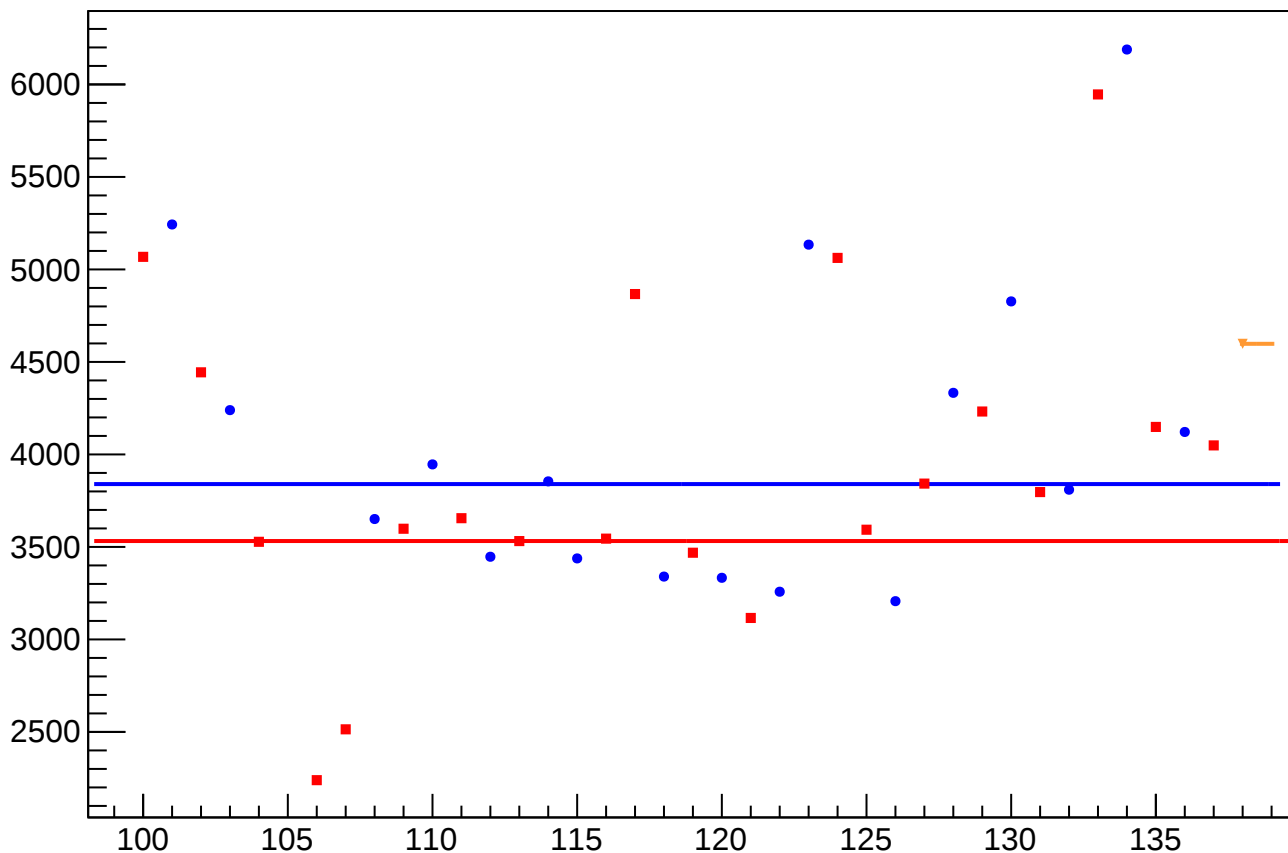
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-1140.370 $\pm$ 1456.943 χ^2 /NDF: 17.7/17

-1081.931 $\pm$ 1000.556 χ^2 /NDF: 32.0/37

-1029.768 $\pm$ 1376.481 χ^2 /NDF: 14.3/19

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3839.751+/-1.070 χ^2/NDF : 325959.2/16

Left Out: 4597.952+/-3.822 χ^2/NDF : 0.0/0

Right Out: 3531.881+/-0.965 χ^2/NDF : 561331.4/19

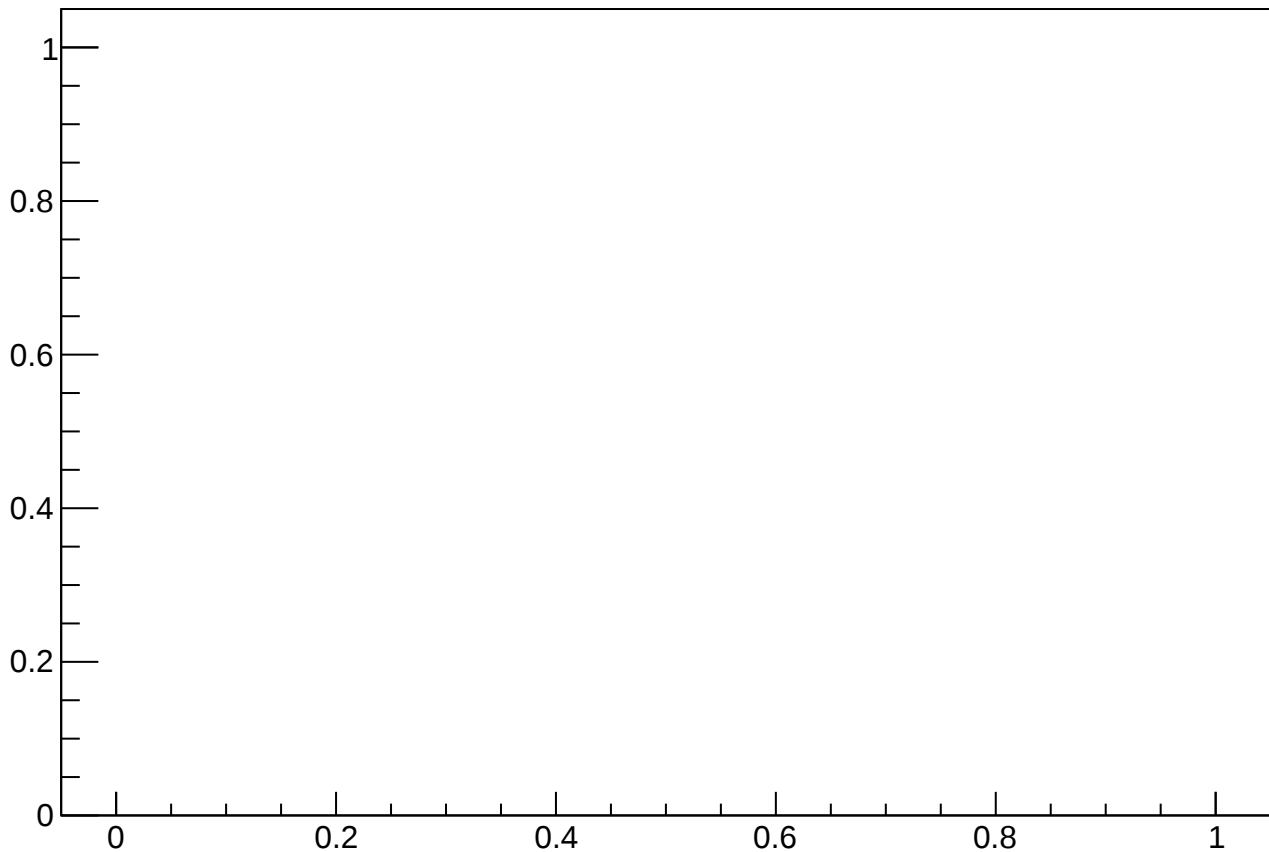
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3894.830+/-1.030 χ^2/NDF : 362449.9/17

3701.416+/-0.704 χ^2/NDF : 989926.8/37

3531.881+/-0.965 χ^2/NDF : 561331.4/19

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

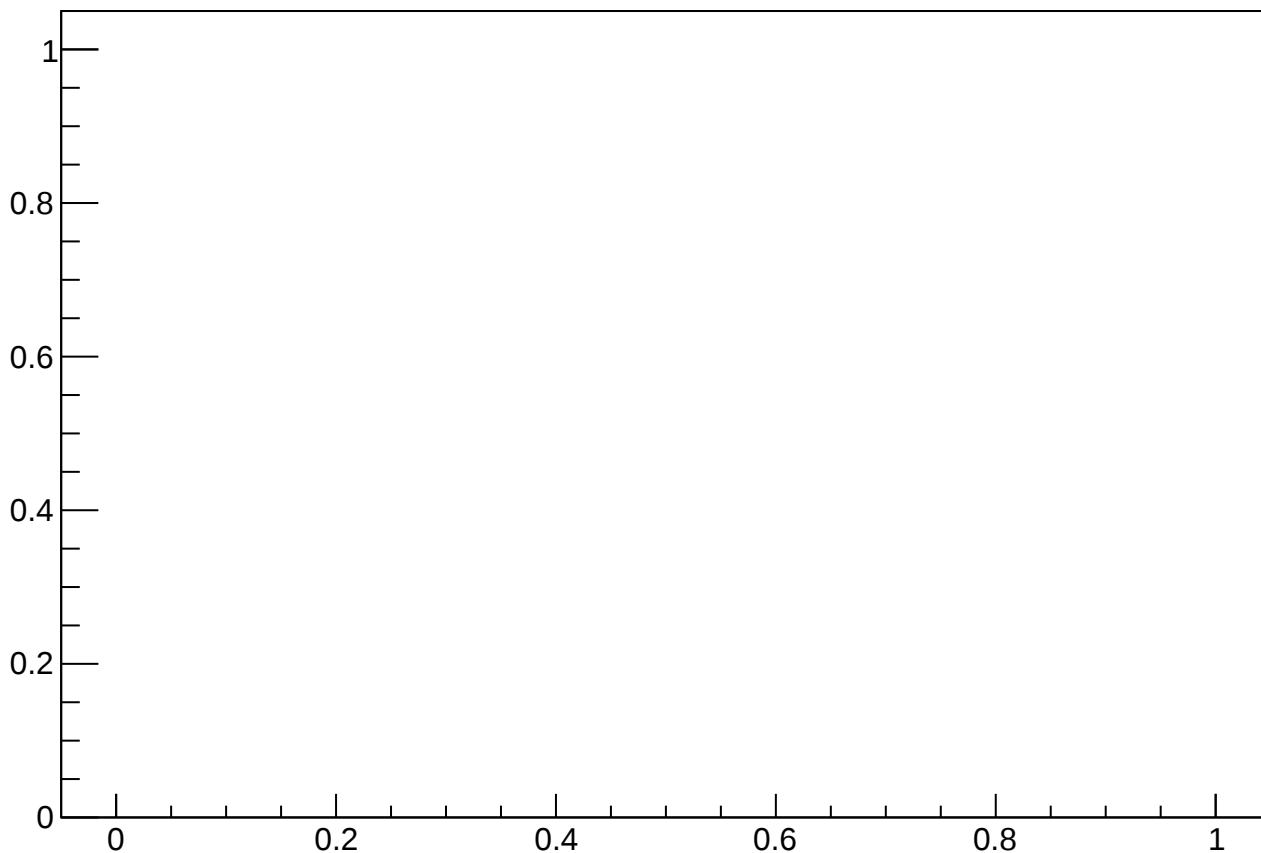
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

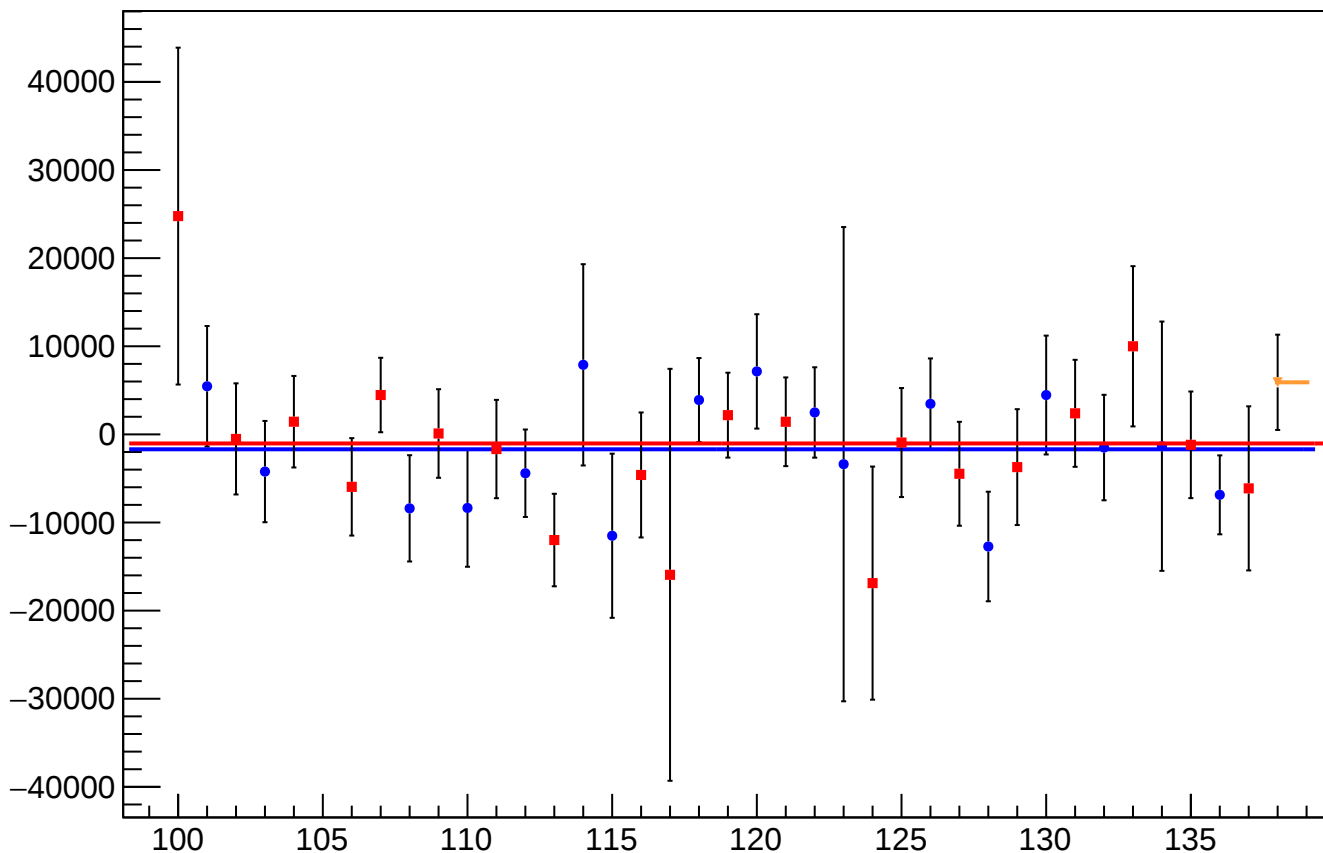
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -1692.604 $\pm$ 1512.935 χ^2 /NDF: 15.8/16

Left Out: 5908.892 $\pm$ 5405.439 χ^2 /NDF:0.0/0

Right Out: -1029.768 $\pm$ 1376.481 χ^2 /NDF: 14.3/19

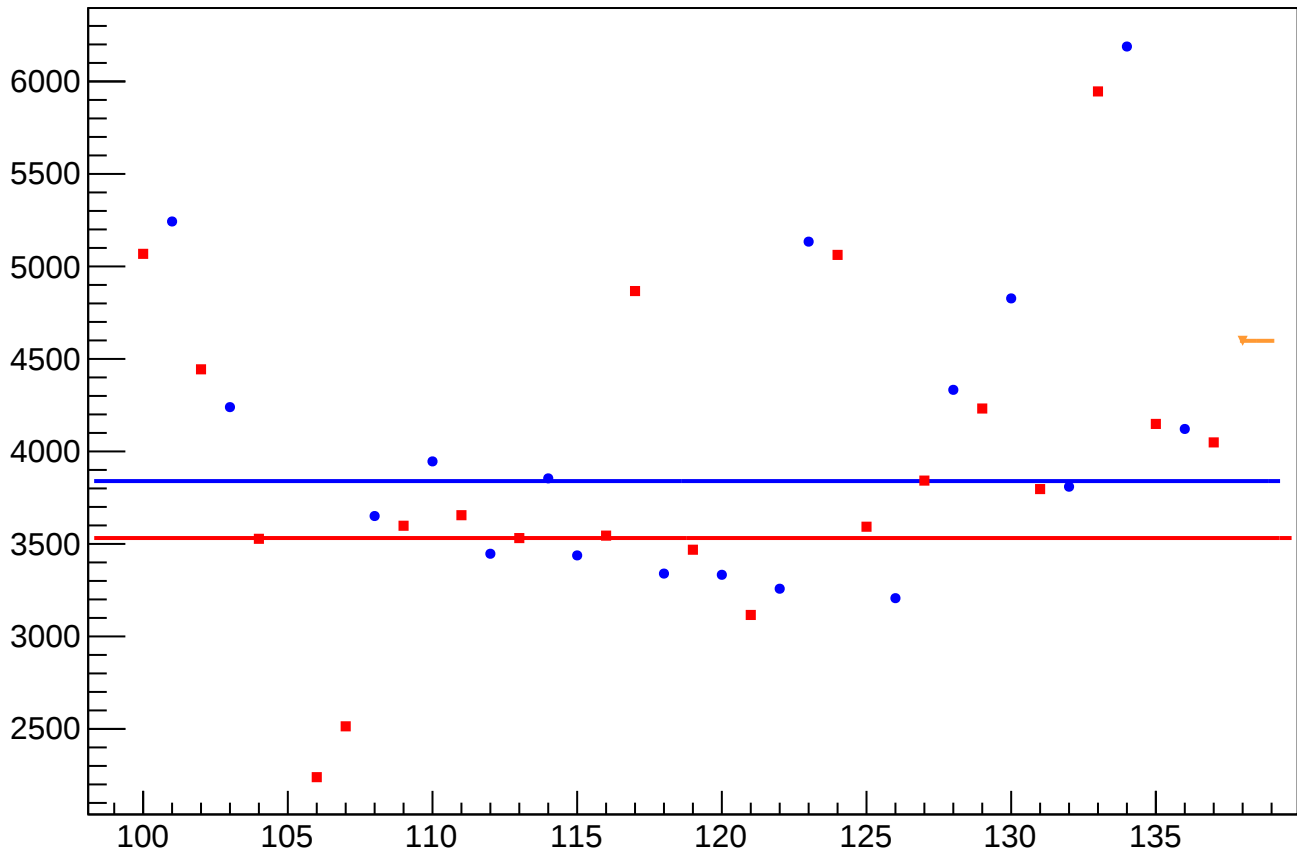
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-1140.370 $\pm$ 1456.943 χ^2 /NDF: 17.7/17

-1081.931 $\pm$ 1000.556 χ^2 /NDF: 32.0/37

-1029.768 $\pm$ 1376.481 χ^2 /NDF: 14.3/19

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3839.751+/-1.070 χ^2/NDF : 325959.2/16

Left Out: 4597.952+/-3.822 χ^2/NDF : 0.0/0

Right Out: 3531.881+/-0.965 χ^2/NDF : 561331.4/19

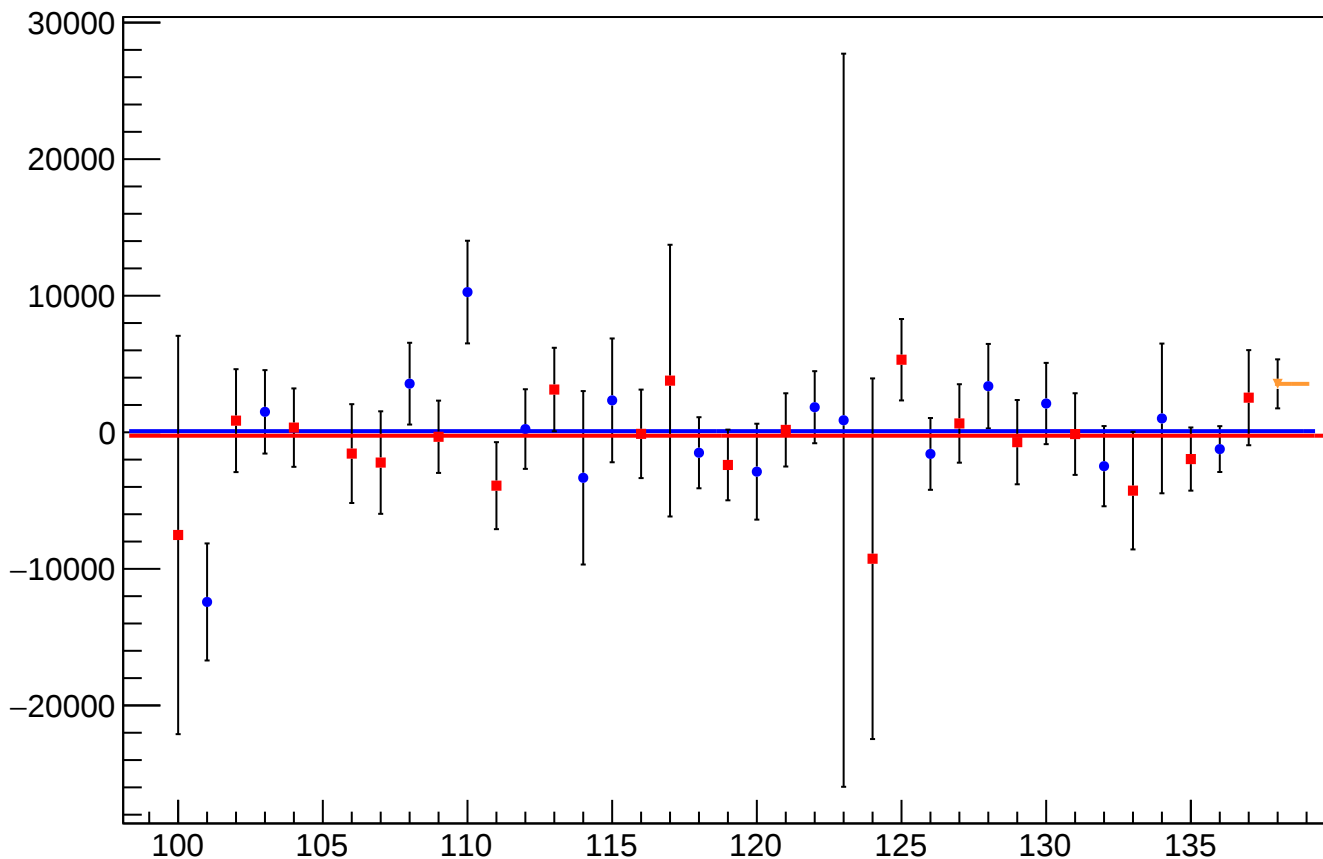
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3894.830+/-1.030 χ^2/NDF : 362449.9/17

3701.416+/-0.704 χ^2/NDF : 989926.8/37

3531.881+/-0.965 χ^2/NDF : 561331.4/19

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 83.860+/-750.549 χ^2/NDF : 22.9/16

Left Out: 3546.604+/-1794.807 χ^2/NDF : 0.0/0

Right Out: -250.743+/-732.124 χ^2/NDF : 10.3/19

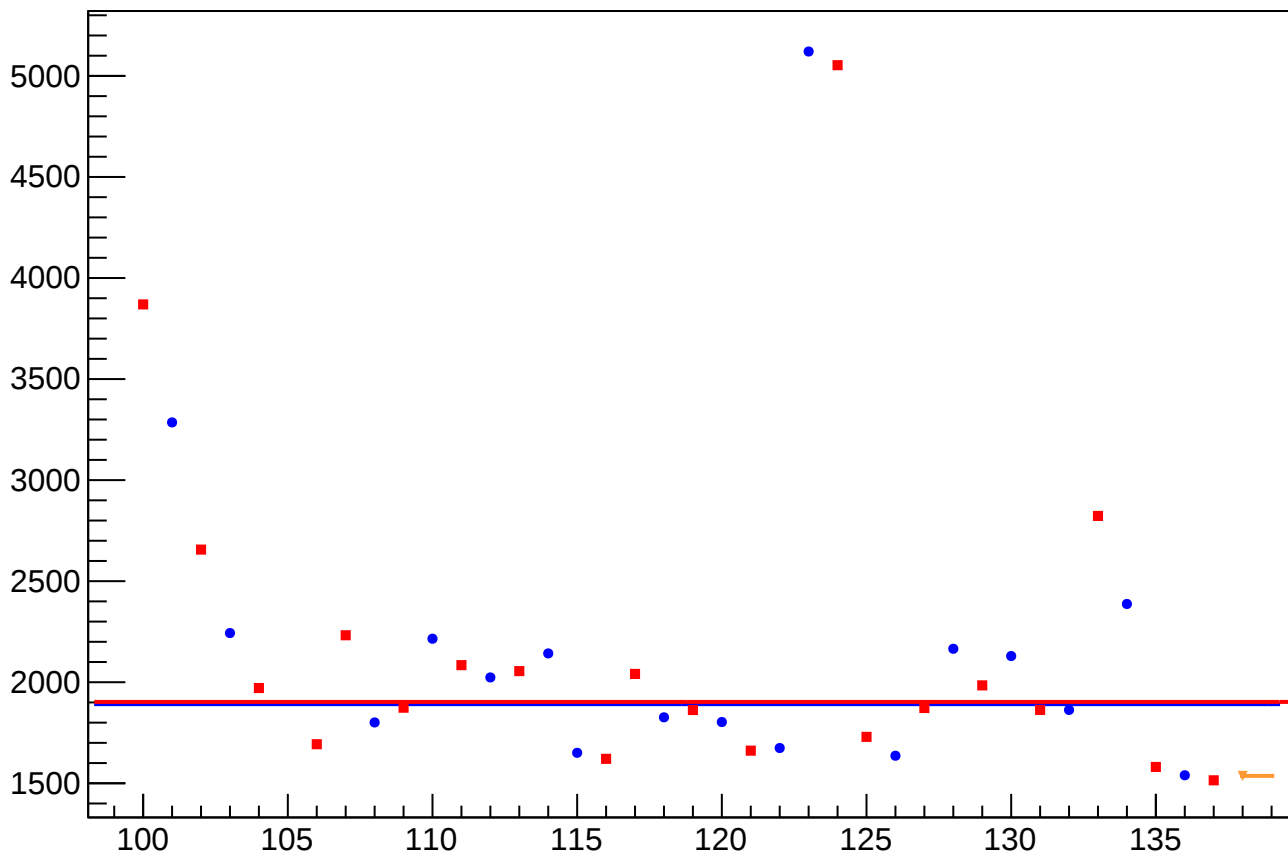
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

599.269+/-692.442 χ^2/NDF : 26.1/17

197.922+/-503.074 χ^2/NDF : 37.1/37

-250.743+/-732.124 χ^2/NDF : 10.3/19

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.492+/-0.531 χ^2 /NDF: 464497.5/16

Left Out: 1536.560+/-1.269 χ^2 /NDF: 0.0/0

Right Out: 1902.551+/-0.518 χ^2 /NDF: 461077.0/19

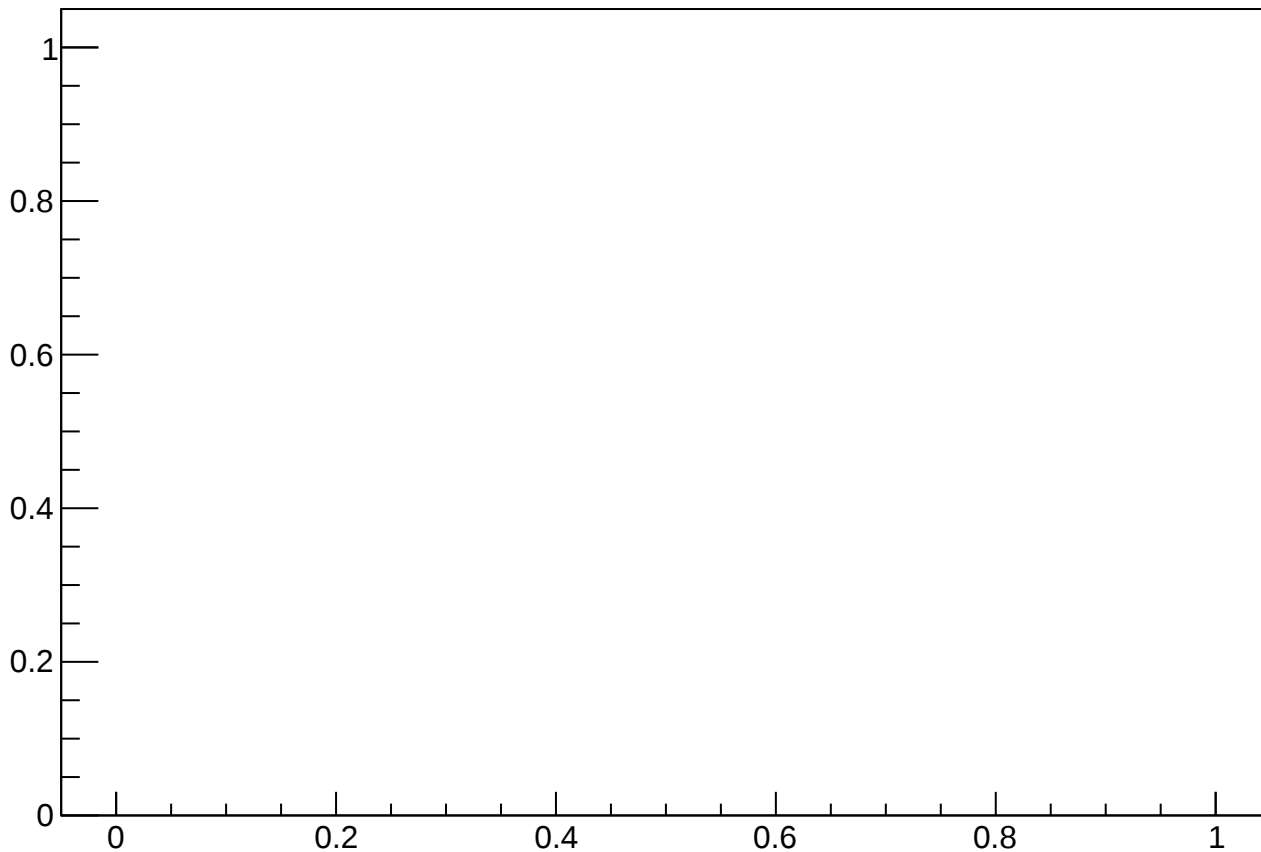
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

1838.663+/-0.490 χ^2 /NDF: 531069.9/17

1868.829+/-0.356 χ^2 /NDF: 1000186.0/37

1902.551+/-0.518 χ^2 /NDF: 461077.0/19

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

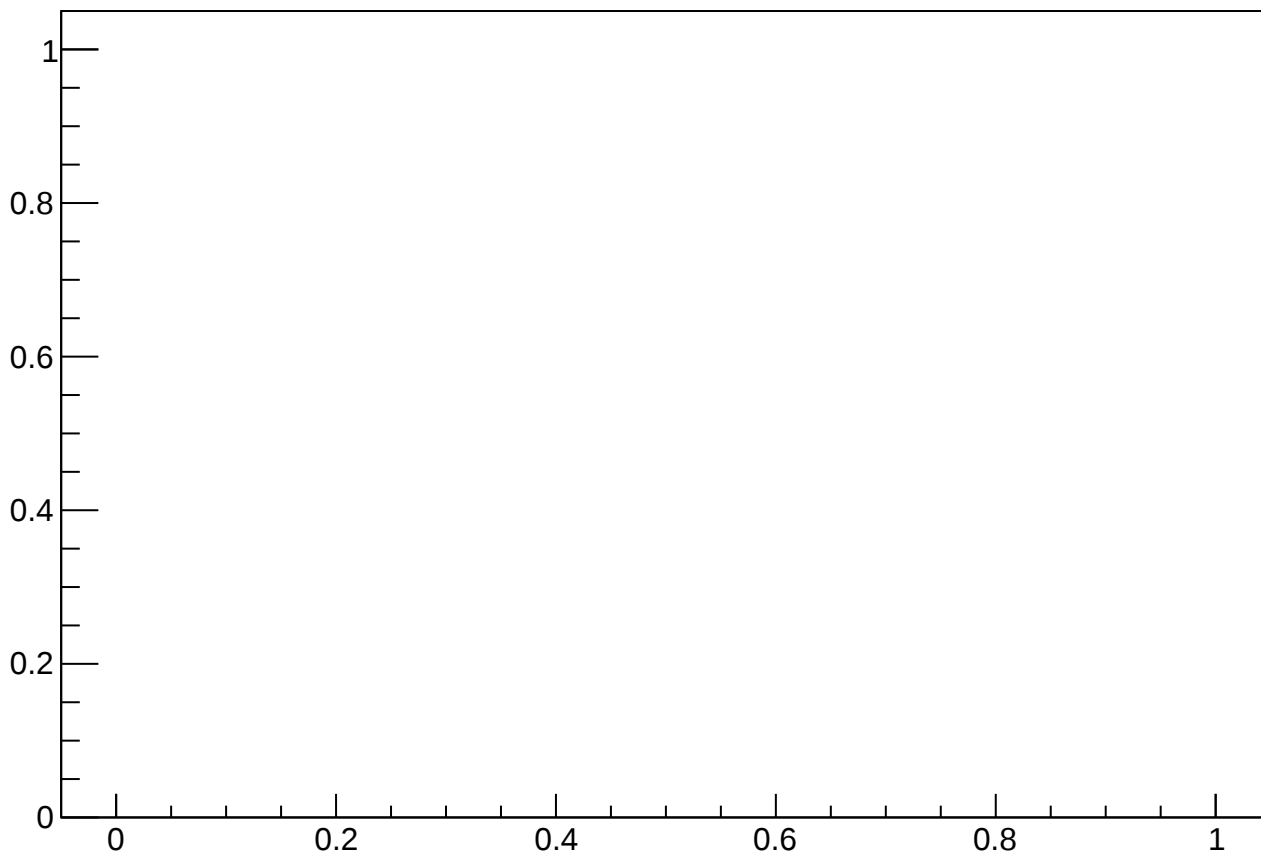
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

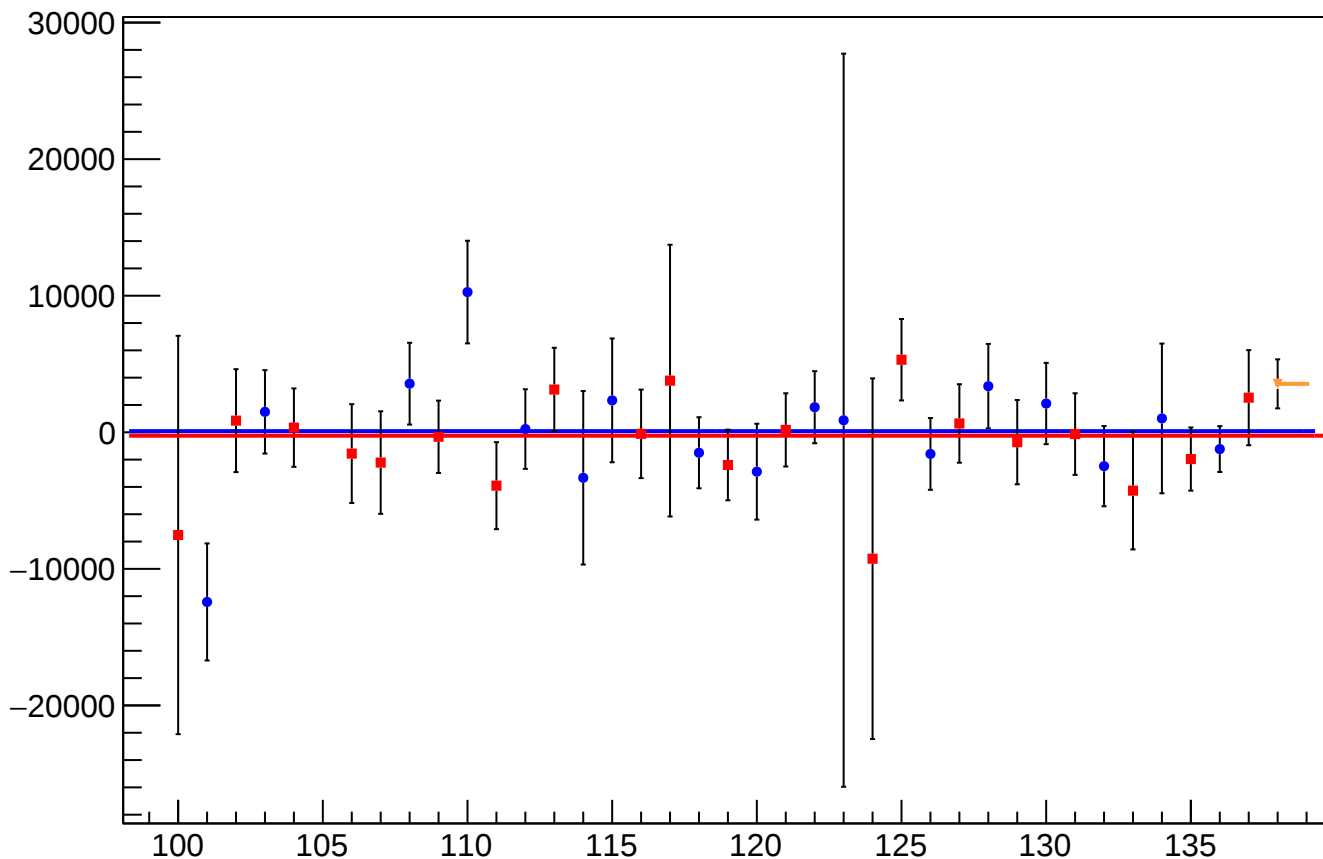
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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: 83.860+/-750.549 χ^2/NDF : 22.9/16

Left Out: 3546.604+/-1794.807 χ^2/NDF : 0.0/0

Right Out: -250.743+/-732.124 χ^2/NDF : 10.3/19

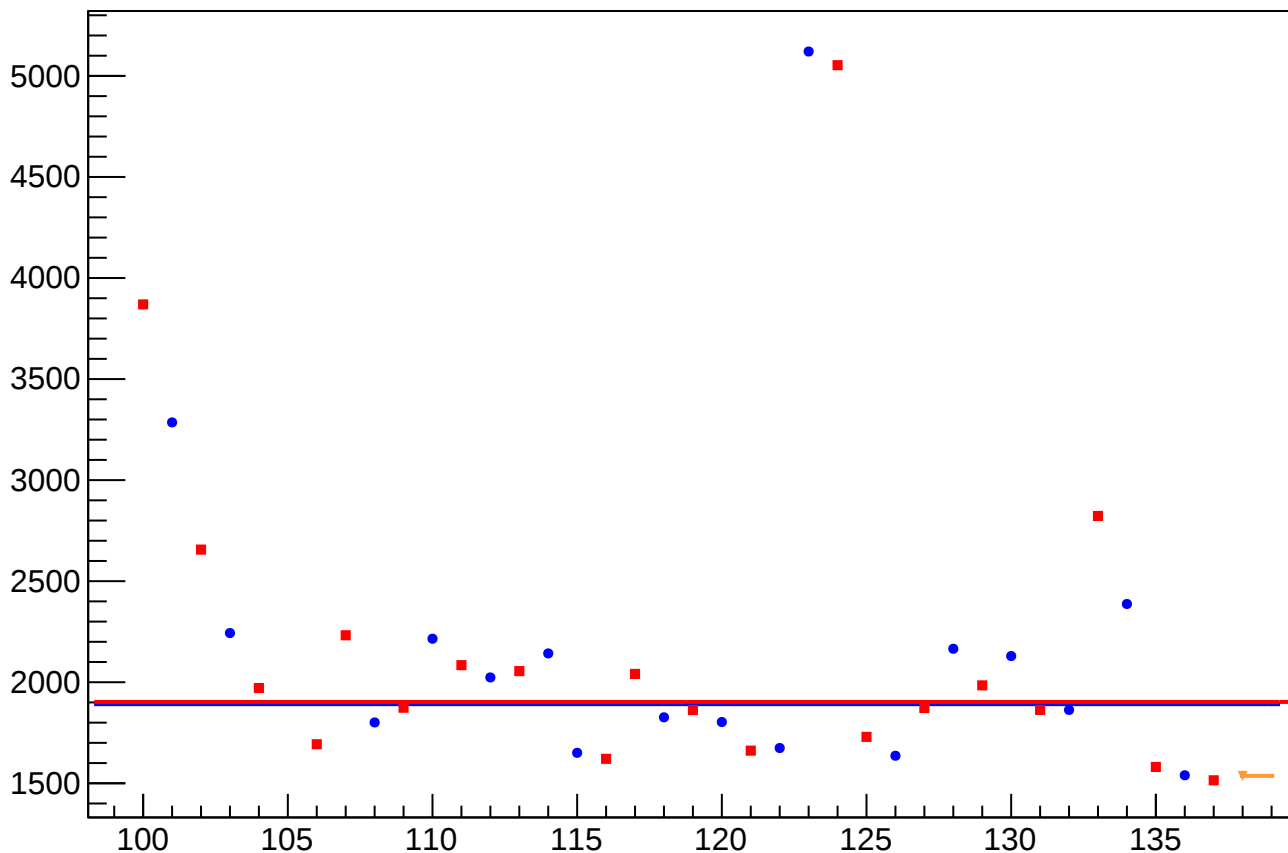
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

599.269+/-692.442 χ^2/NDF : 26.1/17

197.922+/-503.074 χ^2/NDF : 37.1/37

-250.743+/-732.124 χ^2/NDF : 10.3/19

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.492+/-0.531 χ^2/NDF : 464497.5/16

Left Out: 1536.560+/-1.269 χ^2/NDF : 0.0/0

Right Out: 1902.551+/-0.518 χ^2/NDF : 461077.0/19

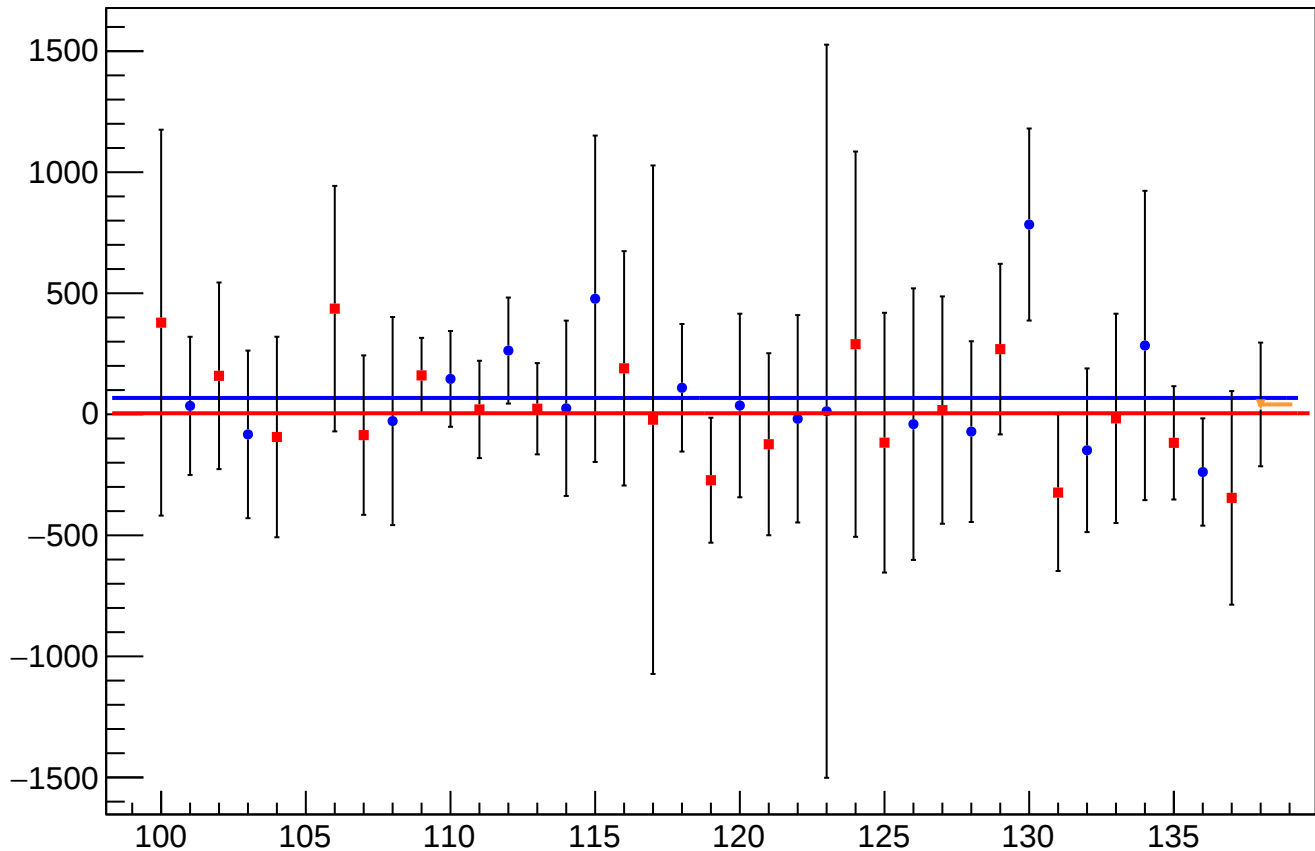
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1838.663+/-0.490 χ^2/NDF : 531069.9/17

1868.829+/-0.356 χ^2/NDF : 1000186.0/37

1902.551+/-0.518 χ^2/NDF : 461077.0/19

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 67.542 $\pm$ 79.608 χ^2 /NDF: 7.5/16

Left Out: 40.703 $\pm$ 255.487 χ^2 /NDF: 0.0/0

Right Out: 4.305 $\pm$ 69.854 χ^2 /NDF: 6.4/19

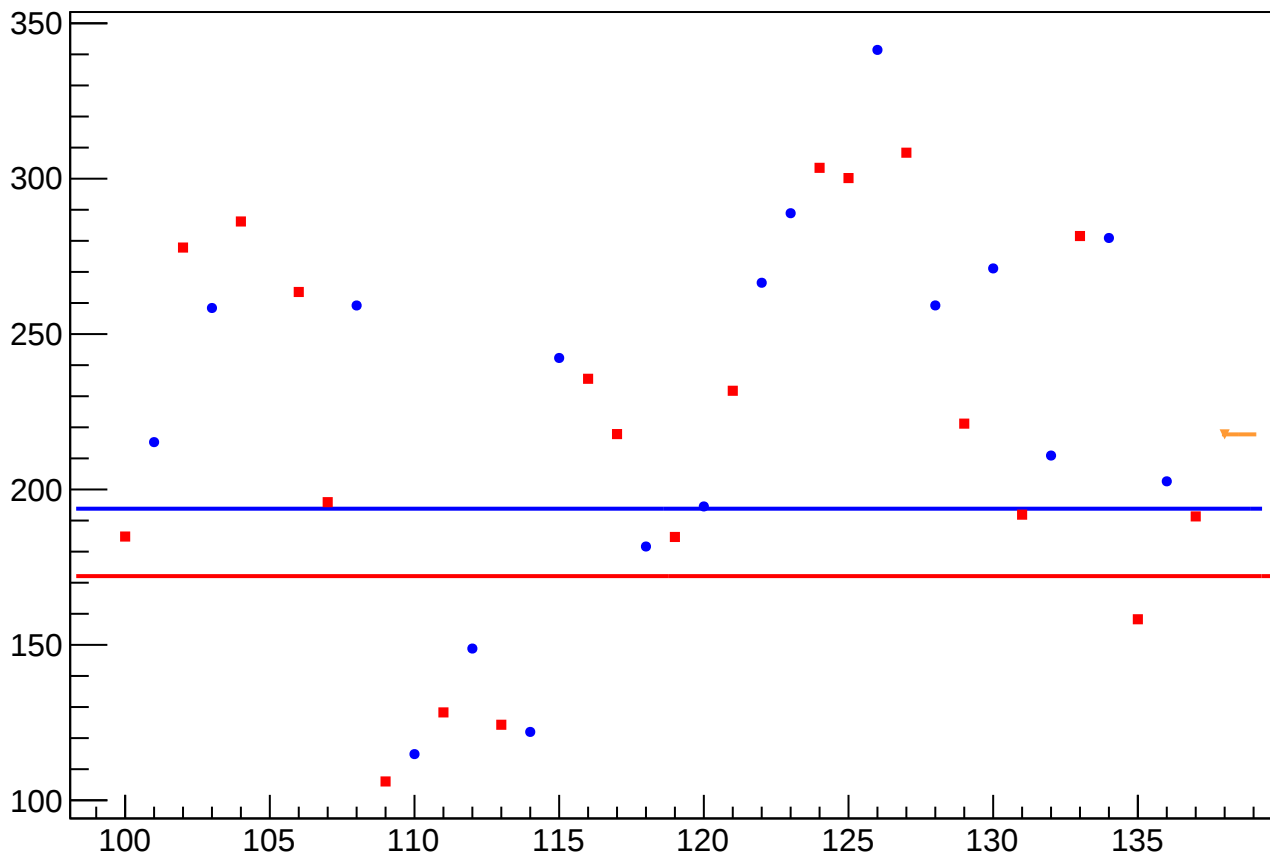
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

65.167 $\pm$ 76.004 χ^2 /NDF: 7.5/17

32.174 $\pm$ 51.431 χ^2 /NDF: 14.3/37

4.305 $\pm$ 69.854 χ^2 /NDF: 6.4/19

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 193.815+/-0.056 χ^2/NDF : 1010325.5/16

Left Out: 217.729+/-0.181 χ^2/NDF : 0.0/0

Right Out: 172.123+/-0.049 χ^2/NDF : 1580879.9/19

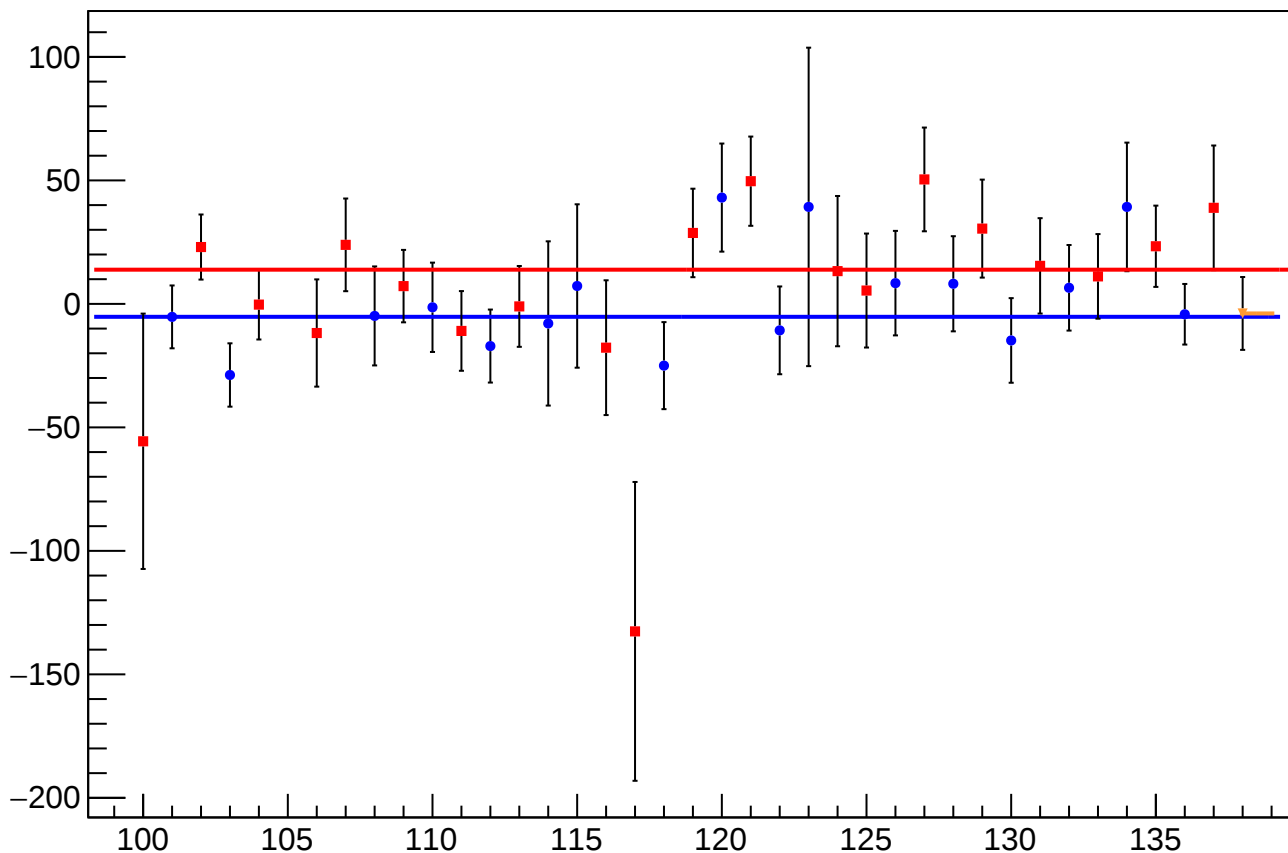
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

195.932+/-0.054 χ^2/NDF : 1026297.5/17

183.025+/-0.036 χ^2/NDF : 2713564.9/37

172.123+/-0.049 χ^2/NDF : 1580879.9/19

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.231 ± 4.356 χ^2/NDF : 15.5/16

Left Out: -3.868 ± 14.749 χ^2/NDF : 0.0/0

Right Out: 13.851 ± 4.255 χ^2/NDF : 25.4/19

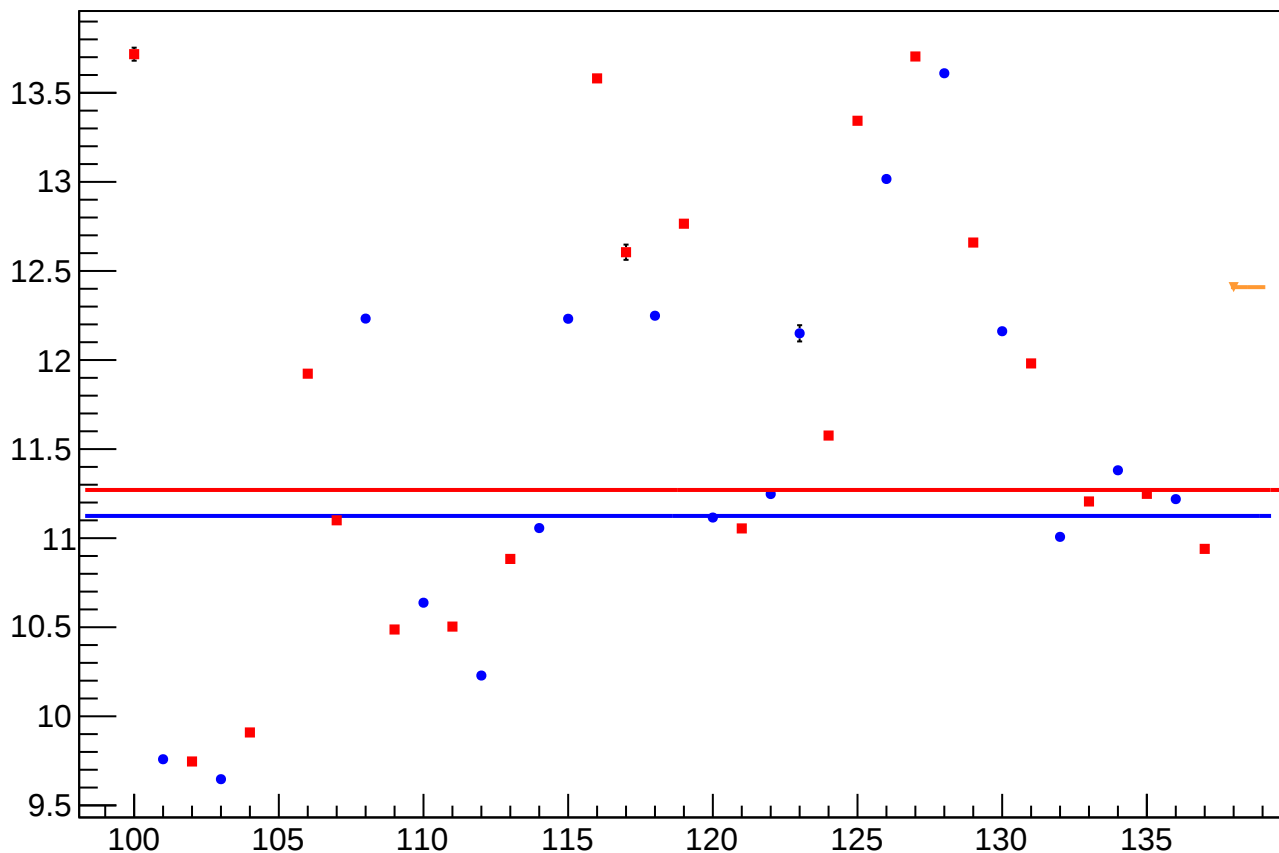
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-5.121 ± 4.177 χ^2/NDF : 15.5/17

4.192 ± 2.981 χ^2/NDF : 51.0/37

13.851 ± 4.255 χ^2/NDF : 25.4/19

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 11.125 $\pm$ 0.003 χ^2 /NDF: 132520.1/16

Left Out: 12.409 $\pm$ 0.010 χ^2 /NDF: 0.0/0

Right Out: 11.271 $\pm$ 0.003 χ^2 /NDF: 148711.4/19

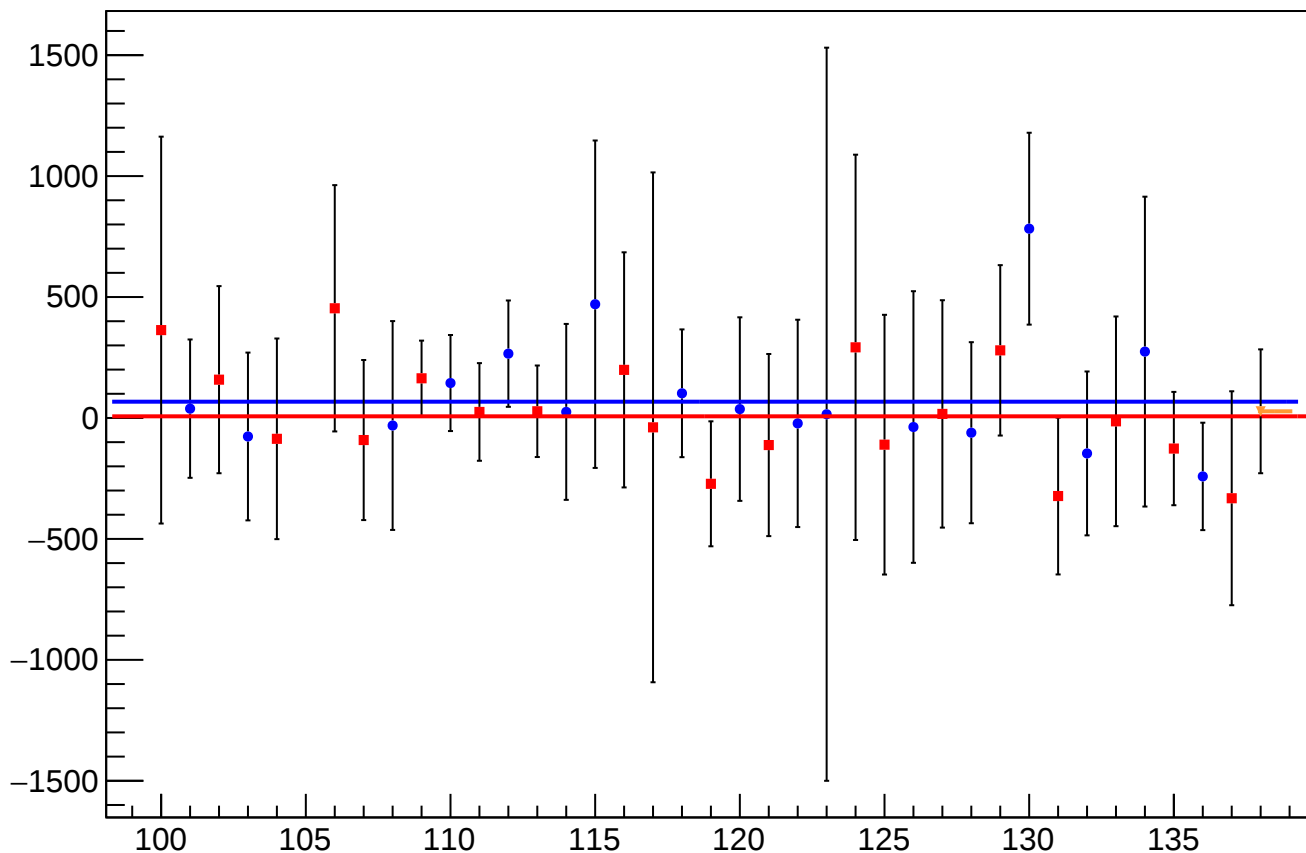
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

11.228 $\pm$ 0.003 χ^2 /NDF: 146469.2/17

11.249 $\pm$ 0.002 χ^2 /NDF: 295283.3/37

11.271 $\pm$ 0.003 χ^2 /NDF: 148711.4/19

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: 67.305+/-79.817 χ^2/NDF : 7.5/16

Left Out: 27.590+/-256.065 χ^2/NDF : 0.0/0

Right Out: 6.837+/-70.057 χ^2/NDF : 6.4/19

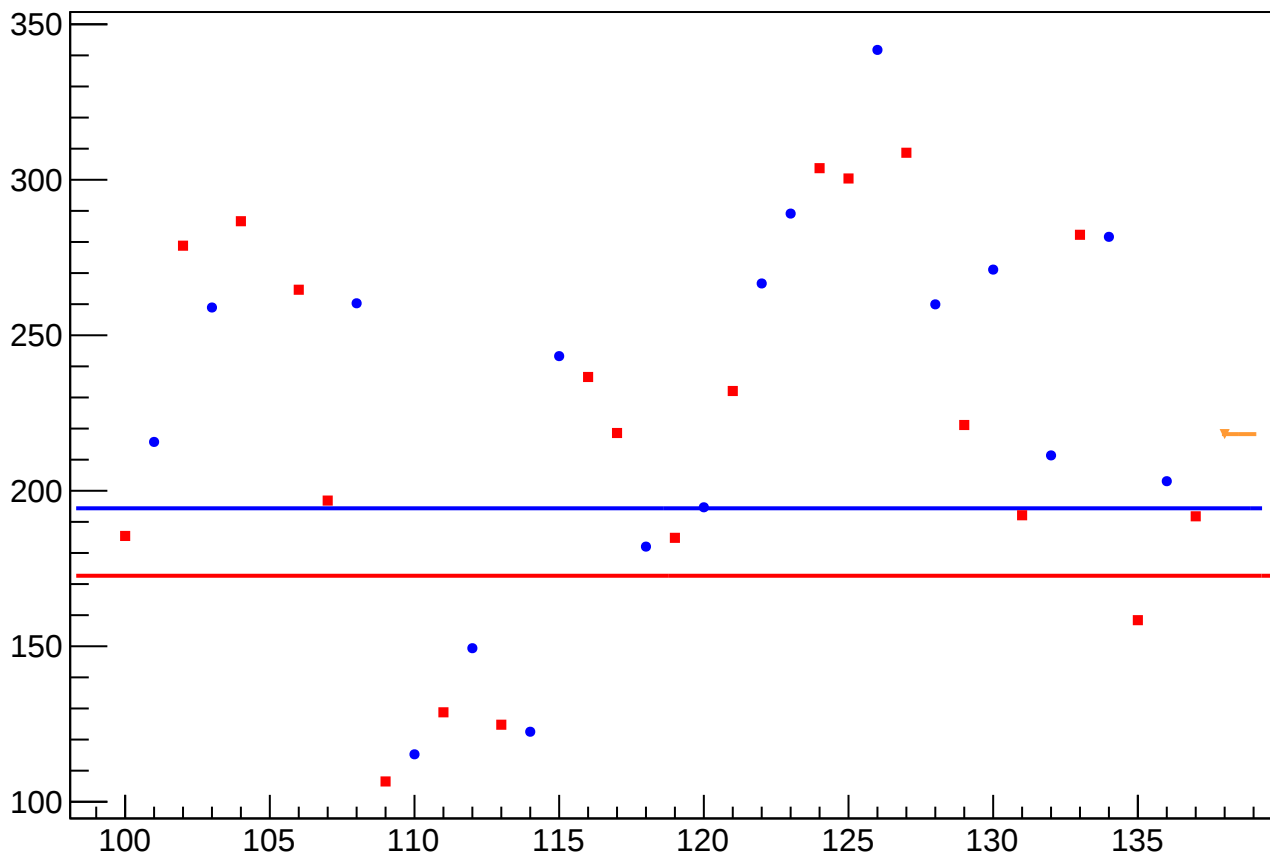
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

63.788+/-76.201 χ^2/NDF : 7.5/17

32.924+/-51.573 χ^2/NDF : 14.3/37

6.837+/-70.057 χ^2/NDF : 6.4/19

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 194.365+/-0.056 χ^2/NDF : 1005234.4/16

Left Out: 218.220+/-0.181 χ^2/NDF : 0.0/0

Right Out: 172.675+/-0.050 χ^2/NDF : 1573459.1/19

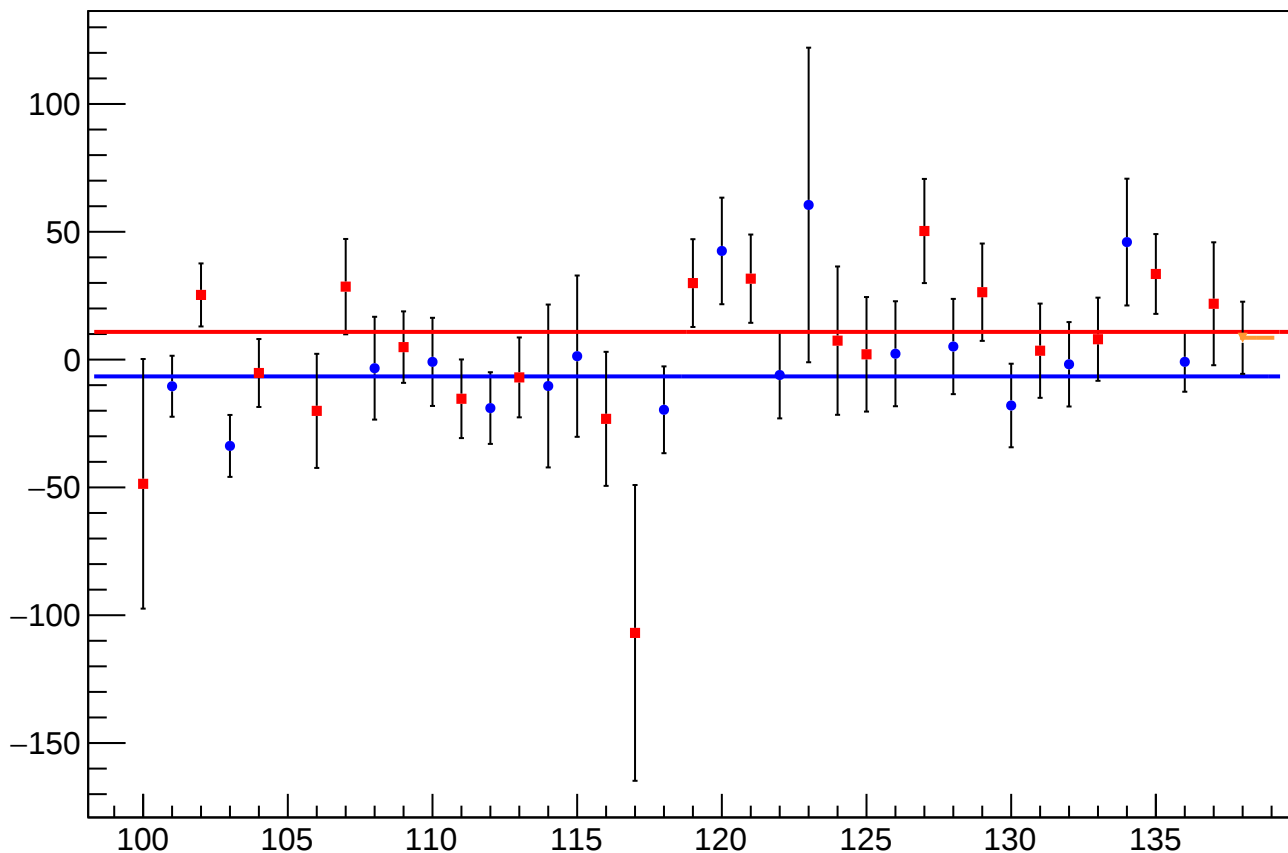
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

196.478+/-0.054 χ^2/NDF : 1021054.6/17

183.578+/-0.036 χ^2/NDF : 2700268.8/37

172.675+/-0.050 χ^2/NDF : 1573459.1/19

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -6.575+/-4.157 χ^2/NDF : 19.3/16

Left Out: 8.540+/-14.113 χ^2/NDF : 0.0/0

Right Out: 10.838+/-4.070 χ^2/NDF : 27.1/19

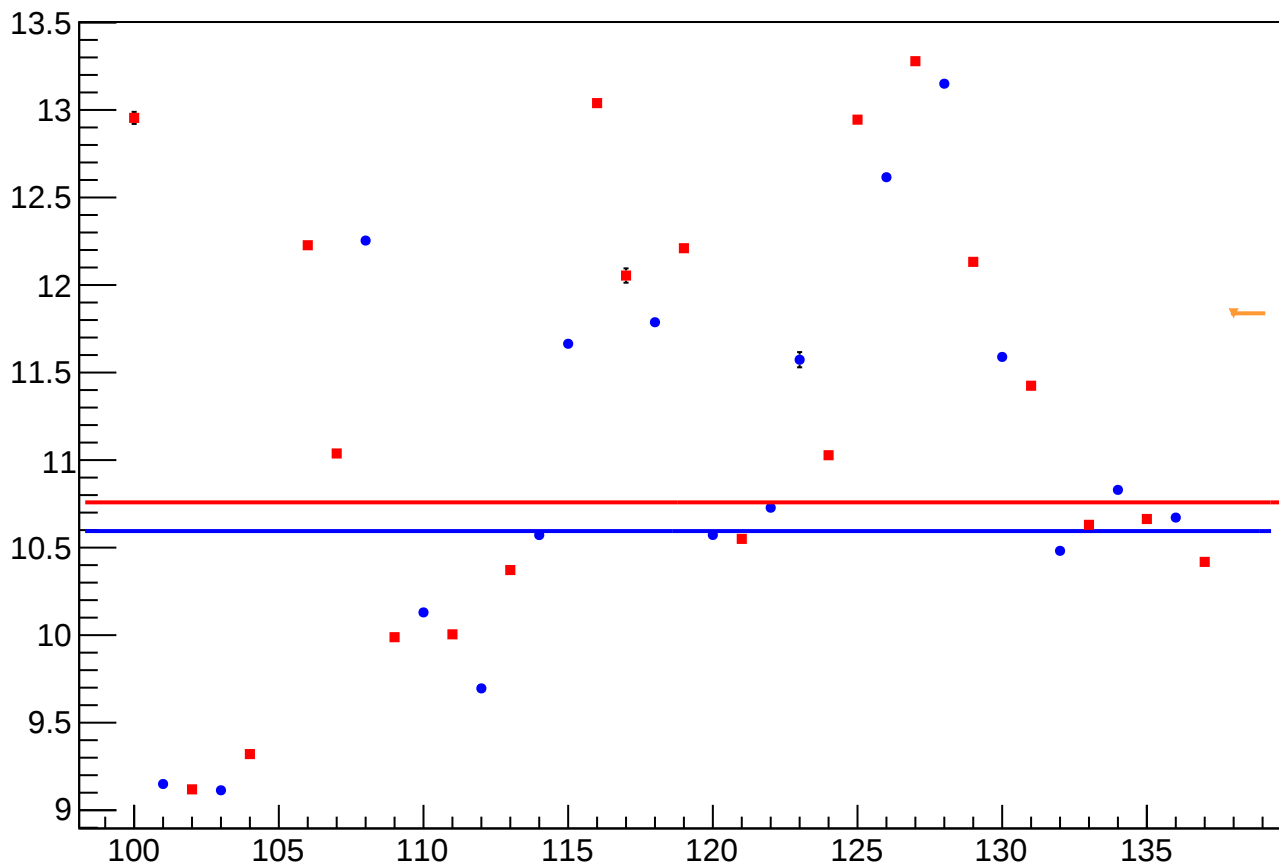
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.369+/-3.988 χ^2/NDF : 20.4/17

2.570+/-2.848 χ^2/NDF : 55.6/37

10.838+/-4.070 χ^2/NDF : 27.1/19

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.594+/-0.003 χ^2/NDF : 160059.2/16

Left Out: 11.838+/-0.010 χ^2/NDF : 0.0/0

Right Out: 10.758+/-0.003 χ^2/NDF : 178180.9/19

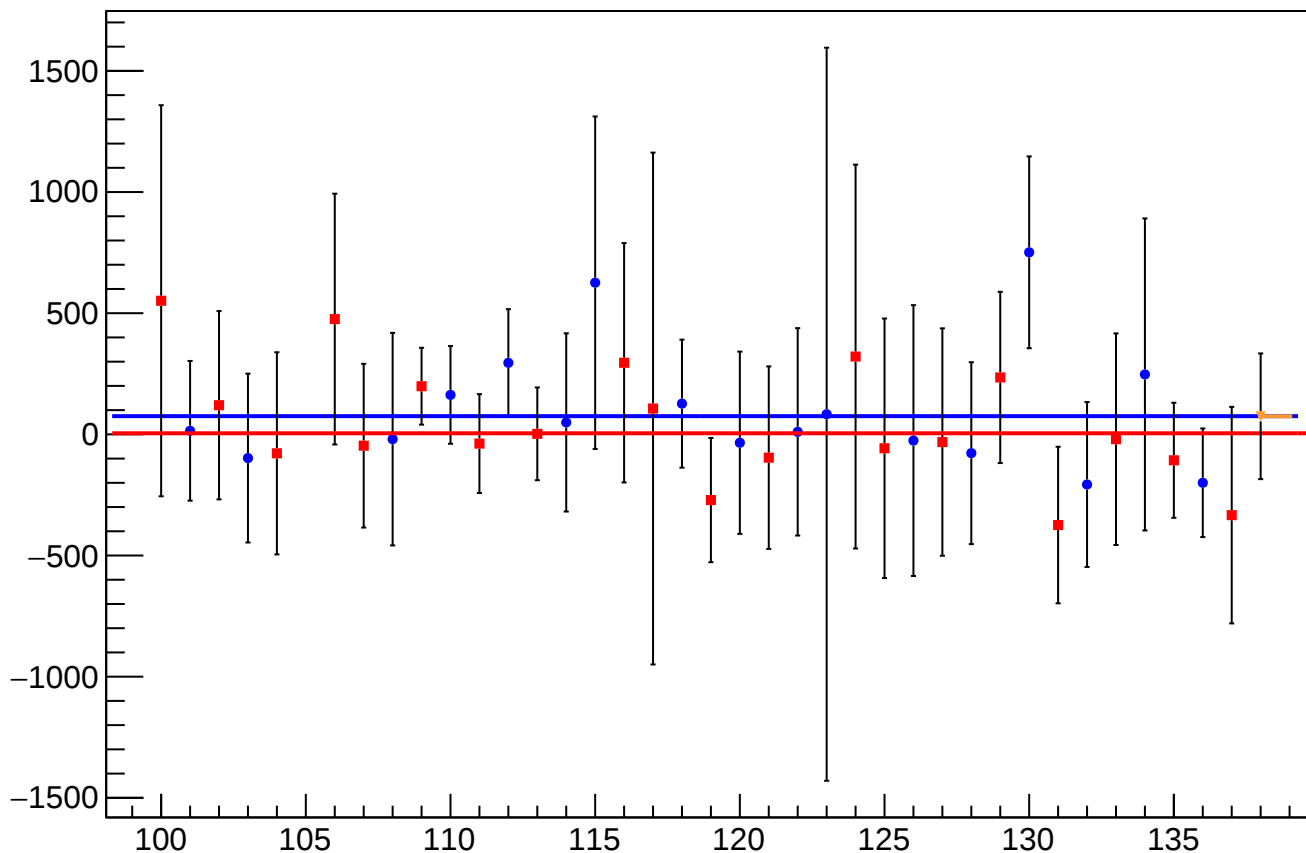
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.694+/-0.003 χ^2/NDF : 174354.6/17

10.725+/-0.002 χ^2/NDF : 352793.3/37

10.758+/-0.003 χ^2/NDF : 178180.9/19

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 75.086 $\pm$ 80.352 χ^2 /NDF: 7.7/16

Left Out: 74.574 $\pm$ 259.348 χ^2 /NDF:0.0/0

Right Out: 4.459 $\pm$ 70.724 χ^2 /NDF: 7.3/19

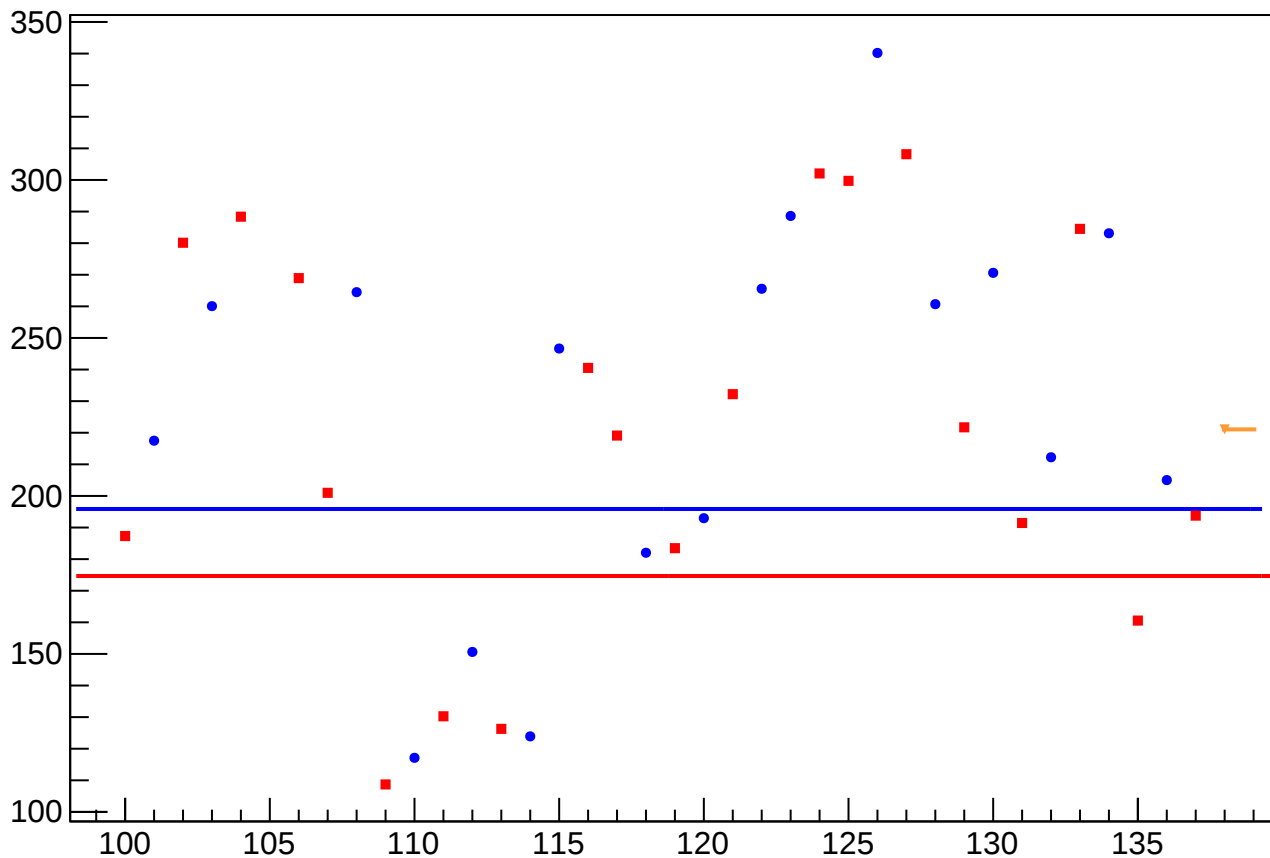
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

75.041 $\pm$ 76.752 χ^2 /NDF: 7.7/17

36.870 $\pm$ 52.010 χ^2 /NDF: 15.5/37

4.459 $\pm$ 70.724 χ^2 /NDF: 7.3/19

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 195.869+/-0.057 χ^2/NDF : 979247.4/16

Left Out: 221.062+/-0.183 χ^2/NDF : 0.0/0

Right Out: 174.665+/-0.050 χ^2/NDF : 1532335.9/19

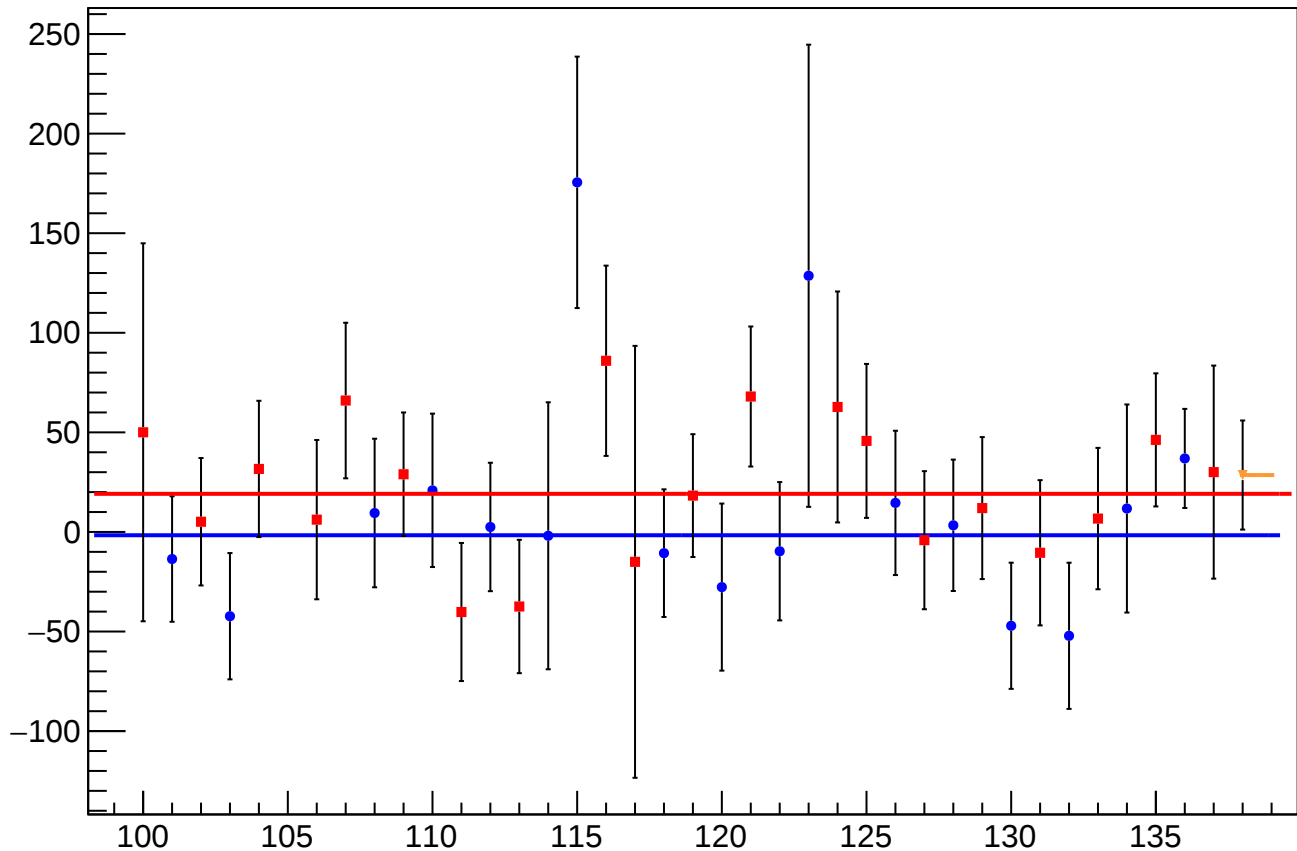
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

198.075+/-0.054 χ^2/NDF : 996466.8/17

185.415+/-0.037 χ^2/NDF : 2629423.6/37

174.665+/-0.050 χ^2/NDF : 1532335.9/19

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -1.654 ± 8.881 χ^2/NDF : 18.5/16

Left Out: 28.570 ± 27.391 χ^2/NDF : 0.0/0

Right Out: 19.145 ± 8.529 χ^2/NDF : 14.9/19

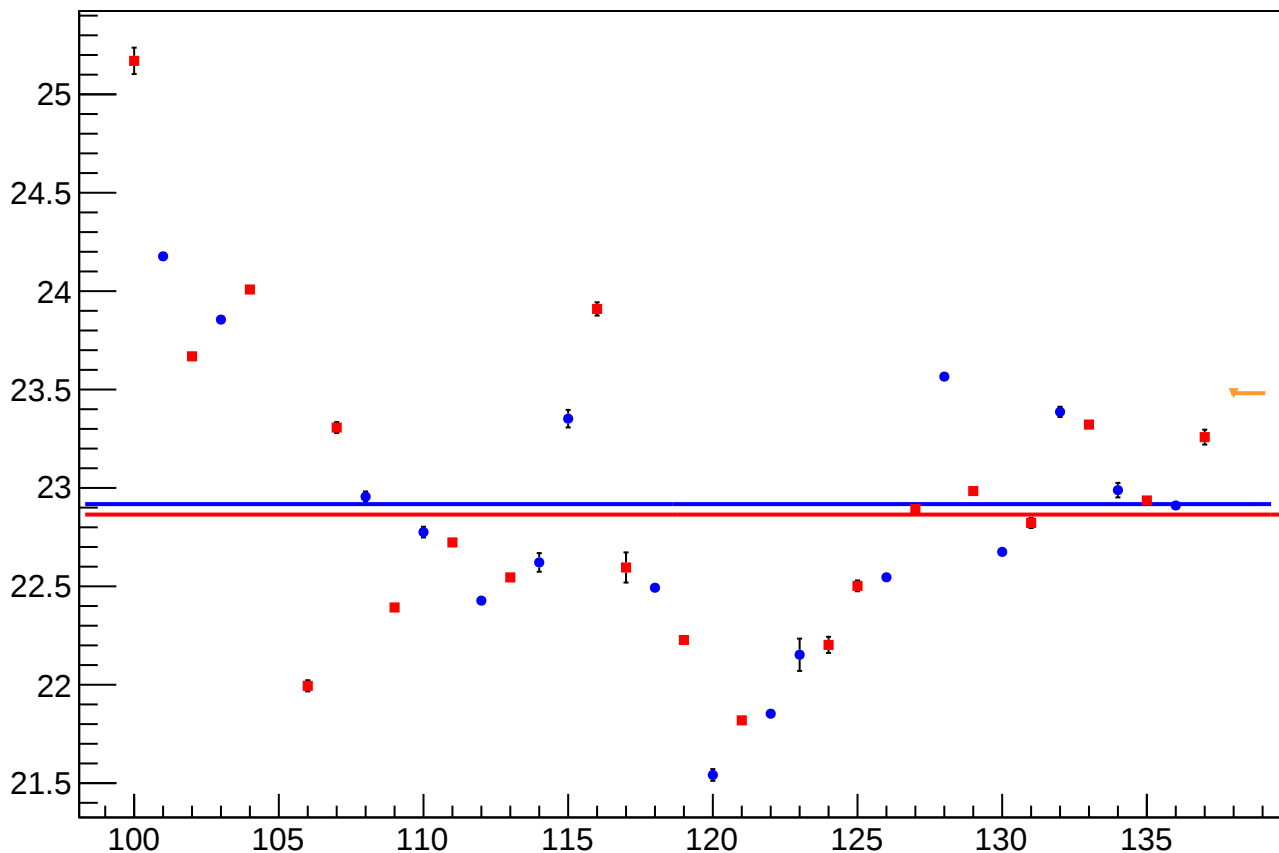
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1.221 ± 8.448 χ^2/NDF : 19.6/17

10.097 ± 6.002 χ^2/NDF : 36.7/37

19.145 ± 8.529 χ^2/NDF : 14.9/19

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.918+/-0.006 χ^2 /NDF: 11472.2/16

Left Out: 23.481+/-0.019 χ^2 /NDF:0.0/0

Right Out: 22.865+/-0.006 χ^2 /NDF: 11064.9/19

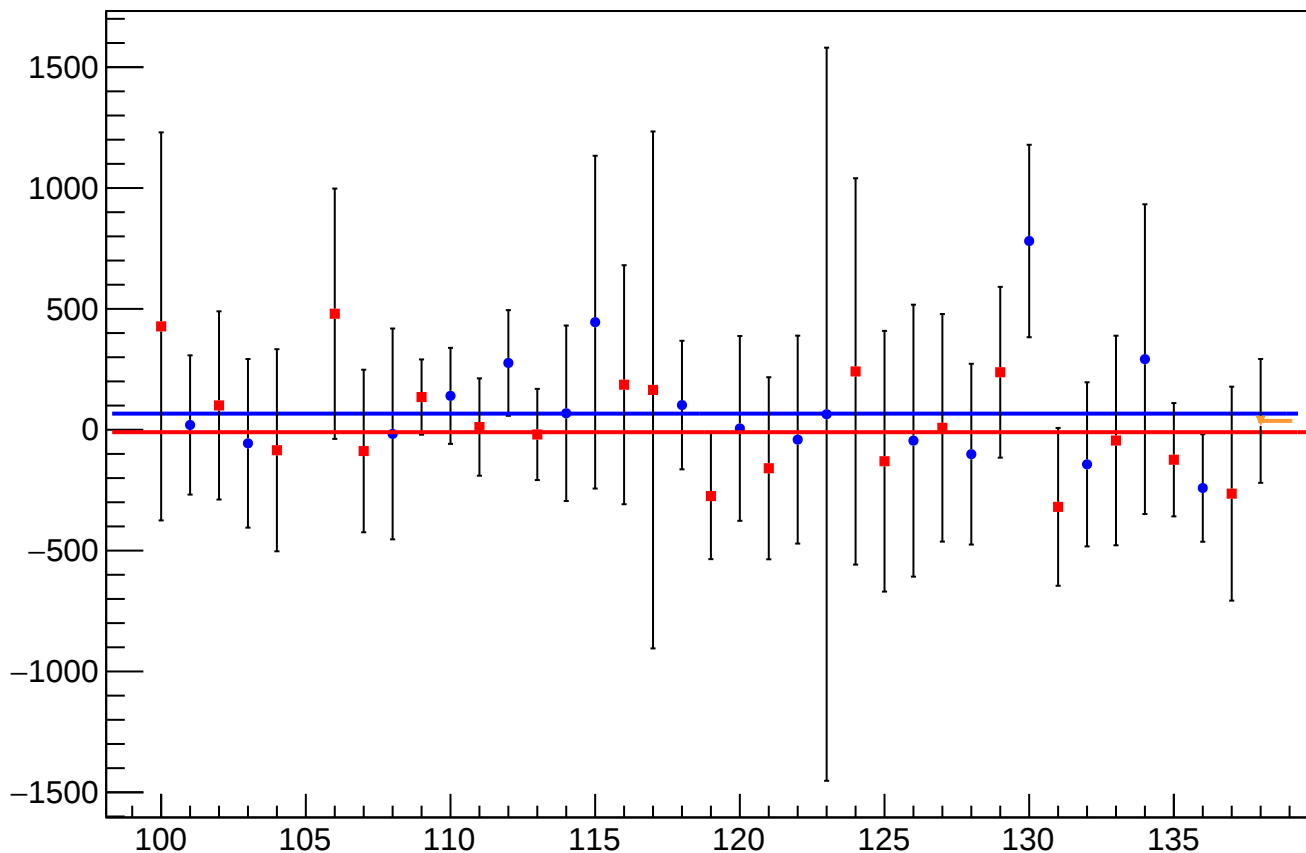
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

22.971+/-0.006 χ^2 /NDF: 12238.4/17

22.919+/-0.004 χ^2 /NDF: 23461.5/37

22.865+/-0.006 χ^2 /NDF: 11064.9/19

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 66.701 $\pm$ 79.995 χ^2 /NDF: 7.5/16

Left Out: 36.600 $\pm$ 256.208 χ^2 /NDF: 0.0/0

Right Out: -10.113 $\pm$ 70.234 χ^2 /NDF: 5.7/19

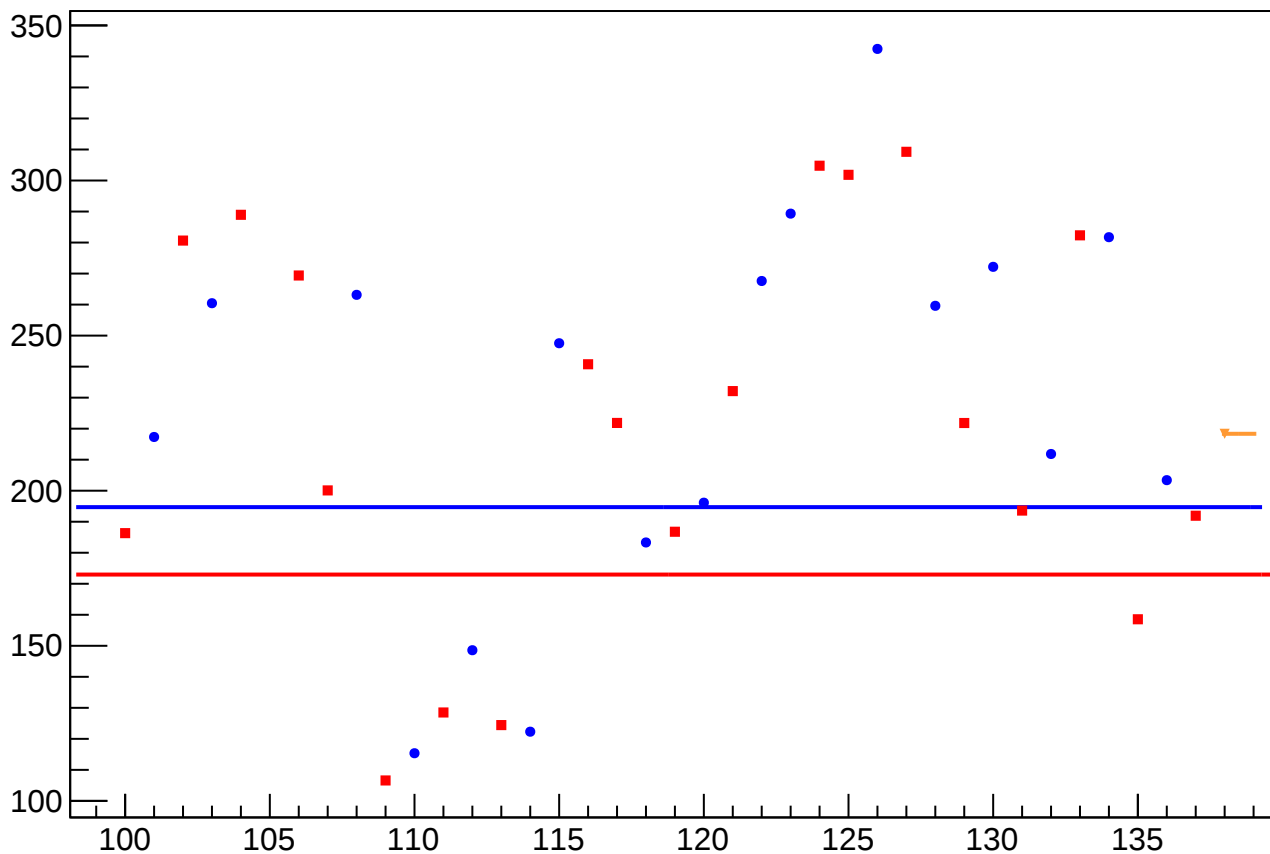
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

64.027 $\pm$ 76.360 χ^2 /NDF: 7.5/17

23.865 $\pm$ 51.693 χ^2 /NDF: 13.8/37

-10.113 $\pm$ 70.234 χ^2 /NDF: 5.7/19

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 194.703+/-0.057 χ^2/NDF : 1019872.4/16

Left Out: 218.347+/-0.181 χ^2/NDF : 0.0/0

Right Out: 172.965+/-0.050 χ^2/NDF : 1601142.0/19

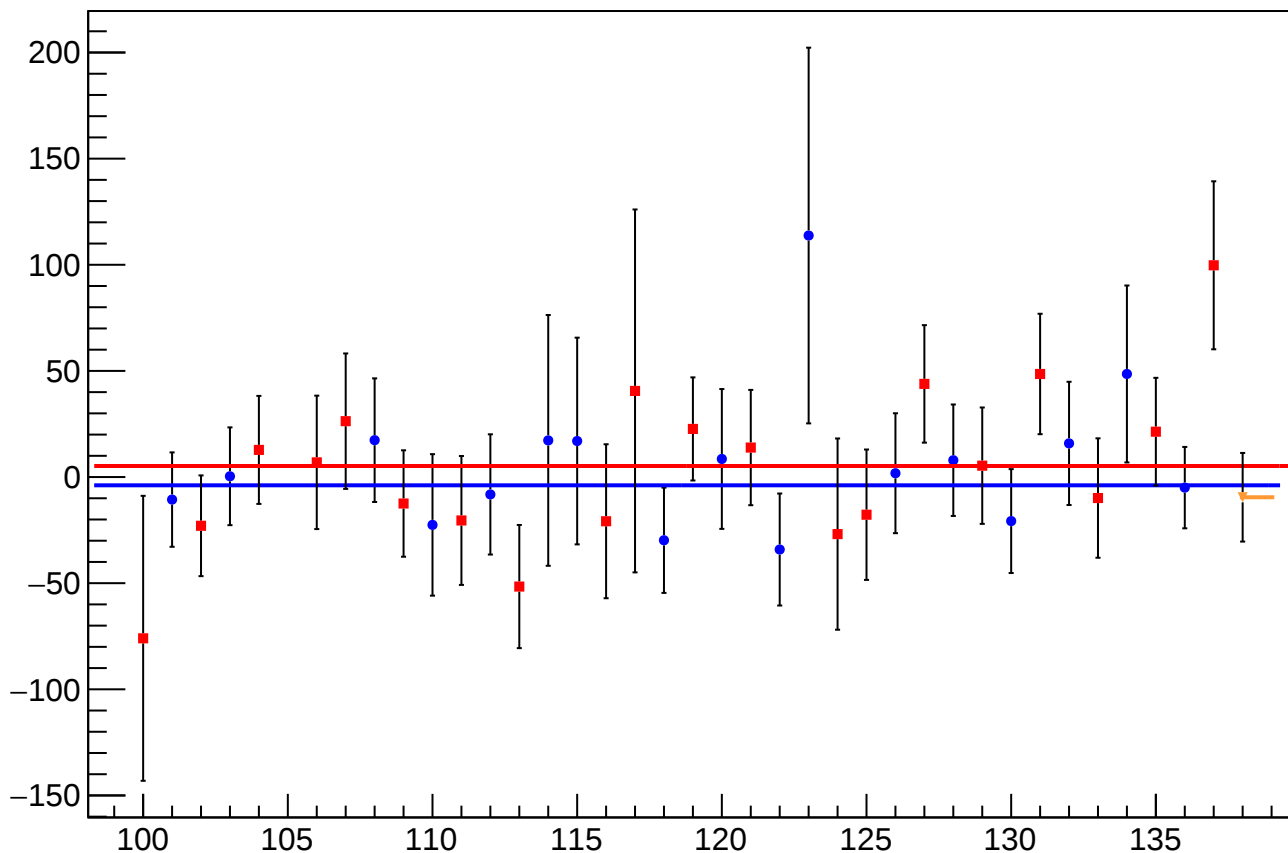
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

196.803+/-0.054 χ^2/NDF : 1035392.7/17

183.890+/-0.037 χ^2/NDF : 2742120.3/37

172.965+/-0.050 χ^2/NDF : 1601142.0/19

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -3.894+/-6.915 χ^2/NDF : 8.4/16

Left Out: -9.522+/-20.883 χ^2/NDF : 0.0/0

Right Out: 5.204+/-6.706 χ^2/NDF : 21.5/19

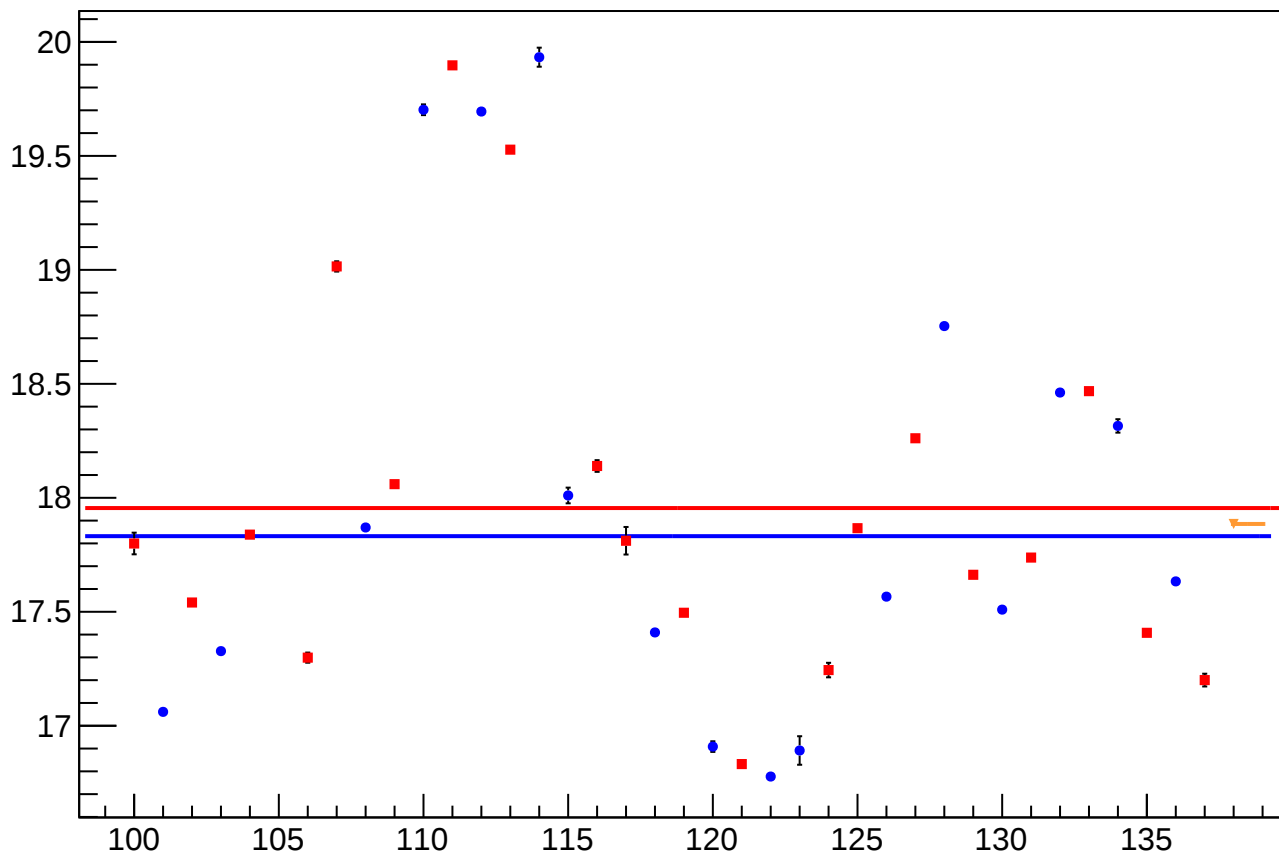
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.451+/-6.565 χ^2/NDF : 8.5/17

0.274+/-4.691 χ^2/NDF : 31.0/37

5.204+/-6.706 χ^2/NDF : 21.5/19

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.832 ± 0.005 χ^2/NDF : 30863.4/16

Left Out: 17.885 ± 0.015 χ^2/NDF : 0.0/0

Right Out: 17.955 ± 0.005 χ^2/NDF : 25454.6/19

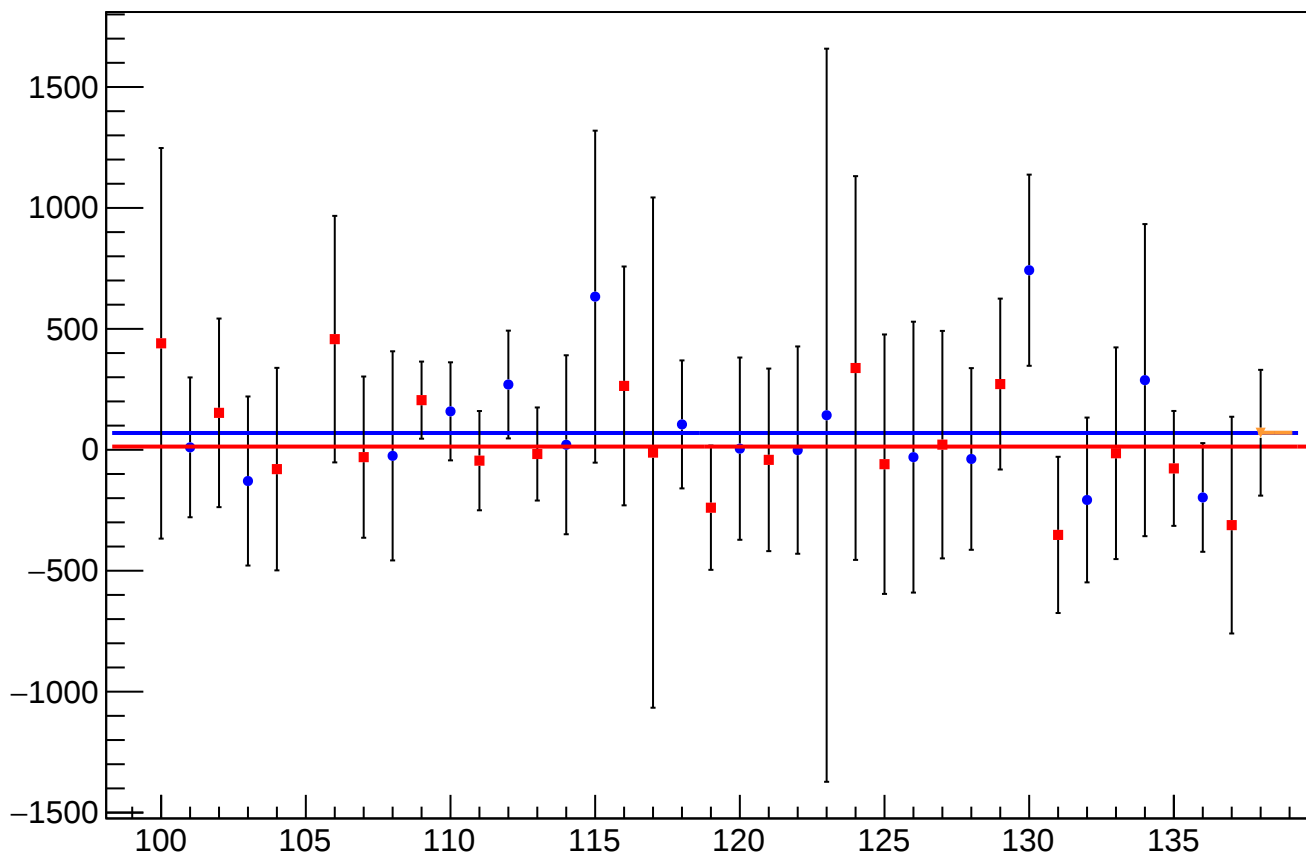
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

17.837 ± 0.005 χ^2/NDF : 30875.3/17

17.895 ± 0.003 χ^2/NDF : 56646.2/37

17.955 ± 0.005 χ^2/NDF : 25454.6/19

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 69.511+/-80.550 χ^2/NDF : 7.4/16

Left Out: 70.524+/-260.039 χ^2/NDF : 0.0/0

Right Out: 13.298+/-70.881 χ^2/NDF : 6.7/19

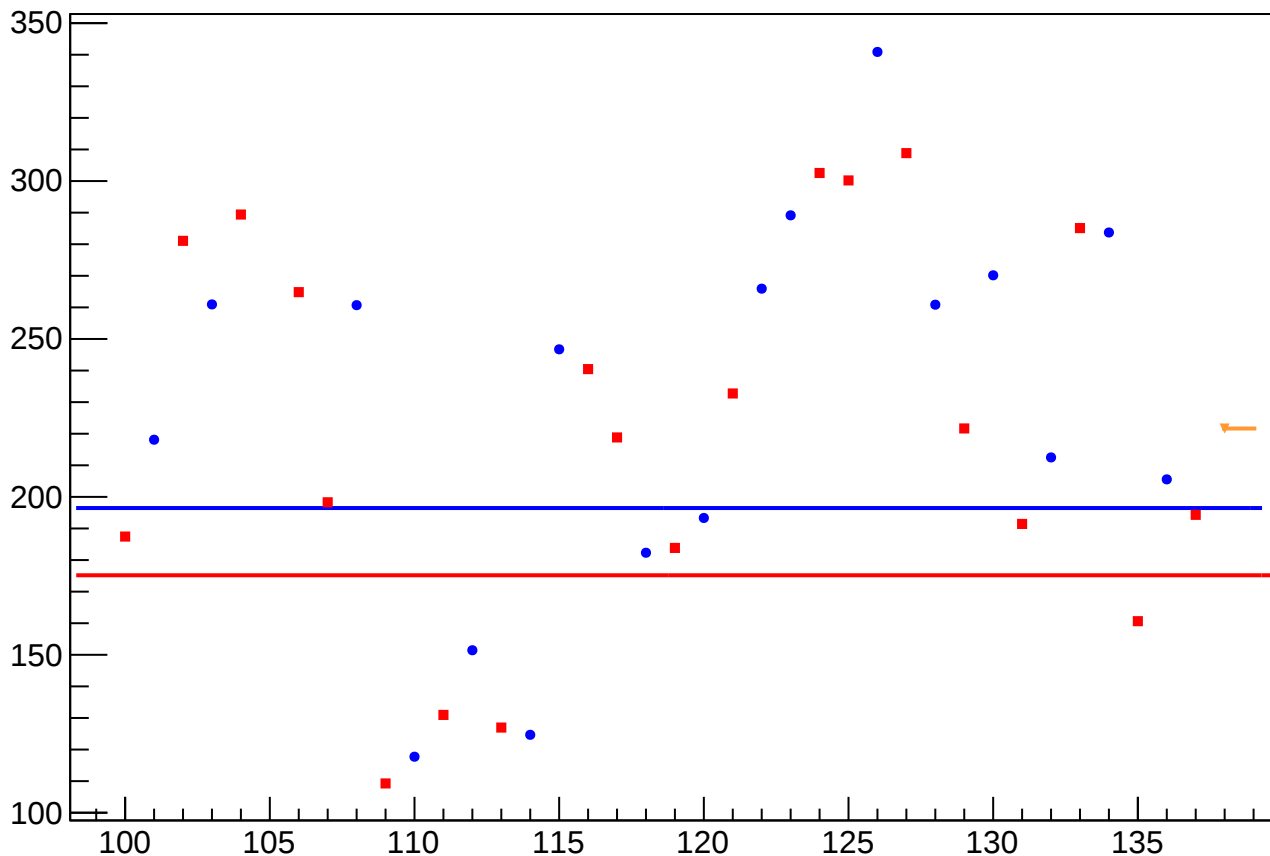
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

69.599+/-76.943 χ^2/NDF : 7.4/17

39.143+/-52.132 χ^2/NDF : 14.4/37

13.298+/-70.881 χ^2/NDF : 6.7/19

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 196.470+/-0.057 χ^2/NDF : 964281.5/16

Left Out: 221.647+/-0.184 χ^2/NDF : 0.0/0

Right Out: 175.179+/-0.050 χ^2/NDF : 1514541.6/19

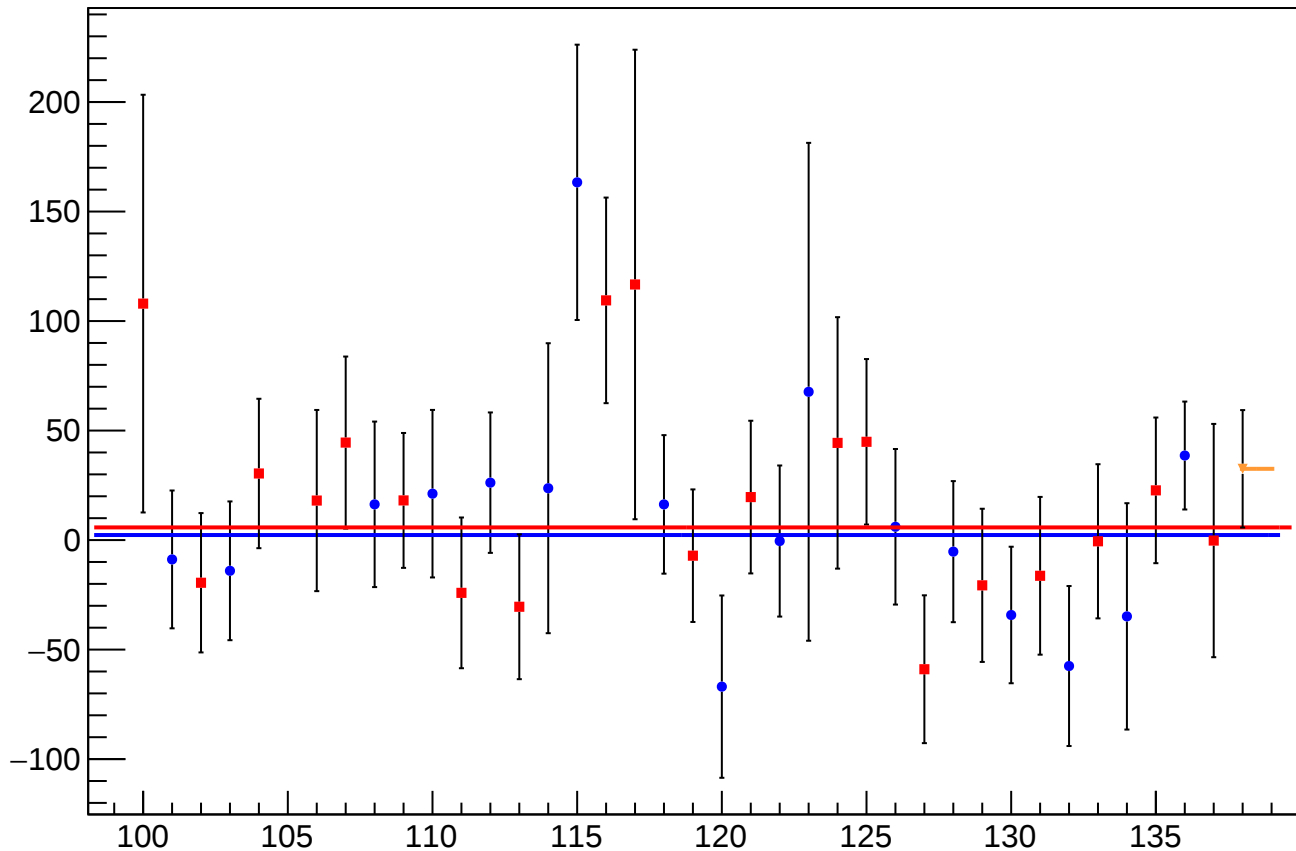
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

198.675+/-0.054 χ^2/NDF : 981388.0/17

185.965+/-0.037 χ^2/NDF : 2596810.3/37

175.179+/-0.050 χ^2/NDF : 1514541.6/19

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 2.307+/-8.805 χ^2/NDF : 18.1/16

Left Out: 32.537+/-26.809 χ^2/NDF : 0.0/0

Right Out: 5.783+/-8.453 χ^2/NDF : 18.2/19

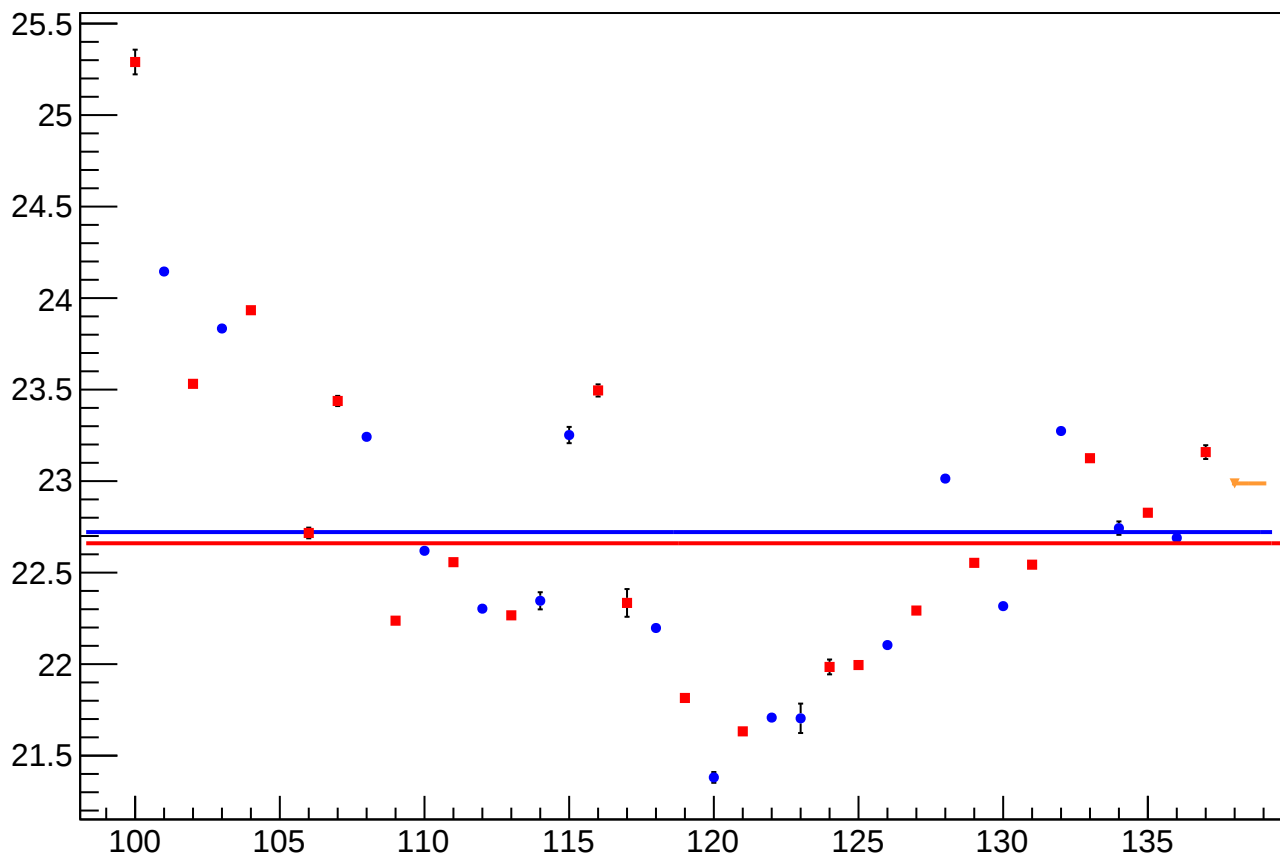
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.251+/-8.365 χ^2/NDF : 19.3/17

5.514+/-5.946 χ^2/NDF : 37.5/37

5.783+/-8.453 χ^2/NDF : 18.2/19

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.722 $\pm$ 0.006 χ^2 /NDF: 13580.6/16

Left Out: 22.987 $\pm$ 0.019 χ^2 /NDF: 0.0/0

Right Out: 22.660 $\pm$ 0.006 χ^2 /NDF: 12974.2/19

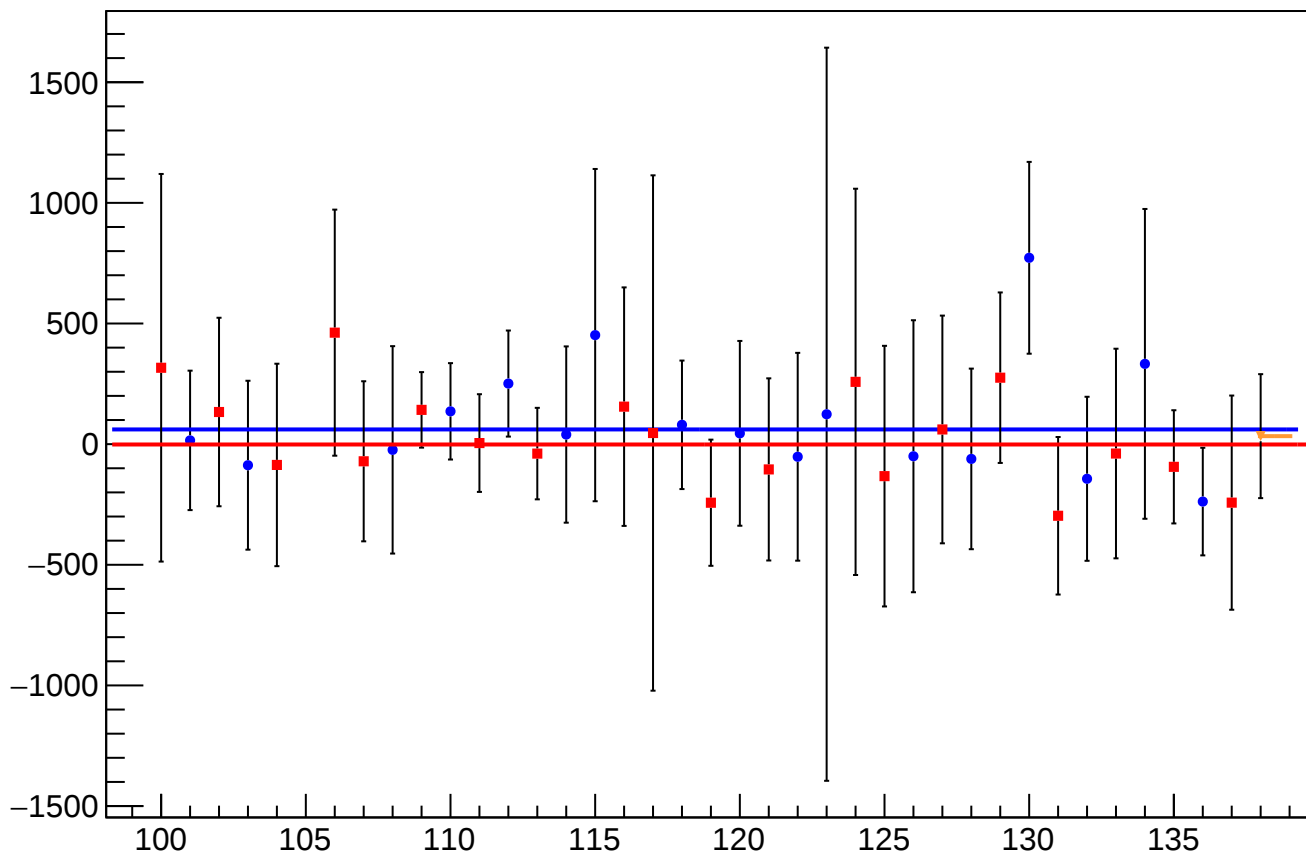
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

22.747 $\pm$ 0.006 χ^2 /NDF: 13758.2/17

22.704 $\pm$ 0.004 χ^2 /NDF: 26839.4/37

22.660 $\pm$ 0.006 χ^2 /NDF: 12974.2/19

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 60.960 $\pm$ 80.197 χ^2 /NDF: 7.2/16

Left Out: 33.155 $\pm$ 256.900 χ^2 /NDF: 0.0/0

Right Out: -1.439 $\pm$ 70.395 χ^2 /NDF: 5.2/19

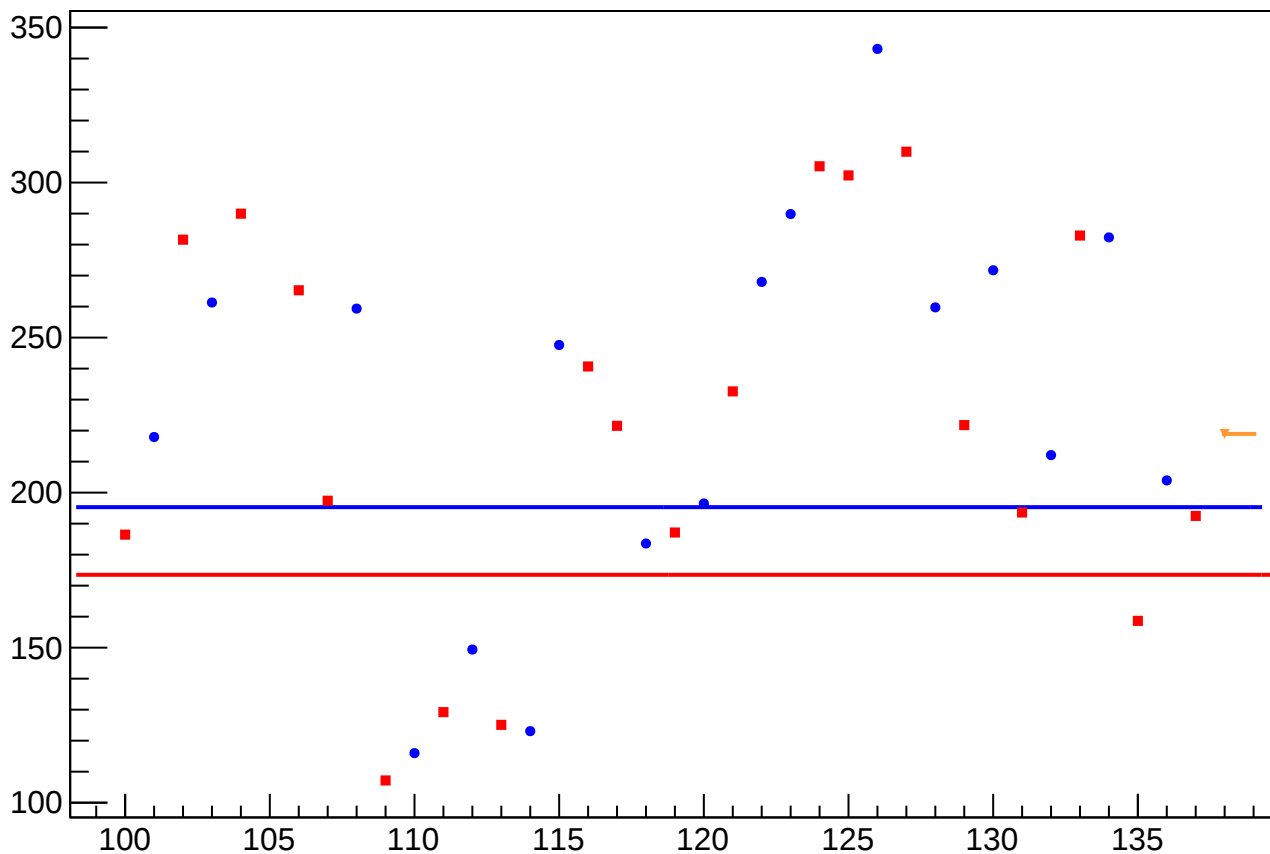
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

58.491 $\pm$ 76.553 χ^2 /NDF: 7.2/17

26.019 $\pm$ 51.818 χ^2 /NDF: 12.7/37

-1.439 $\pm$ 70.395 χ^2 /NDF: 5.2/19

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 195.316+/-0.057 χ^2/NDF : 1004211.5/16

Left Out: 218.934+/-0.182 χ^2/NDF : 0.0/0

Right Out: 173.495+/-0.050 χ^2/NDF : 1582449.6/19

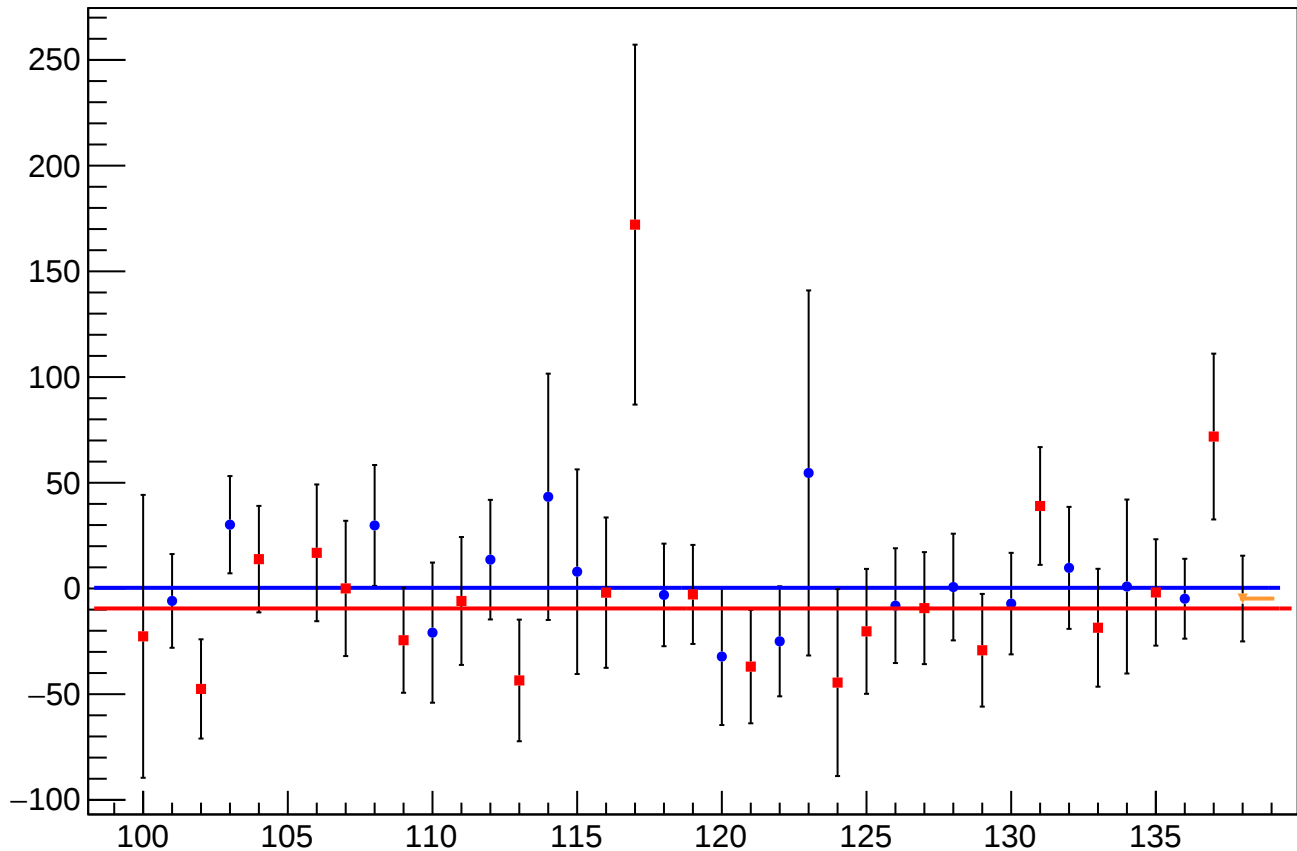
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

197.413+/-0.054 χ^2/NDF : 1019615.1/17

184.453+/-0.037 χ^2/NDF : 2707848.9/37

173.495+/-0.050 χ^2/NDF : 1582449.6/19

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.305 $\pm$ 6.812 χ^2/NDF : 6.8/16

Left Out: -4.770 $\pm$ 20.273 χ^2/NDF : 0.0/0

Right Out: -9.452 $\pm$ 6.608 χ^2/NDF : 20.6/19

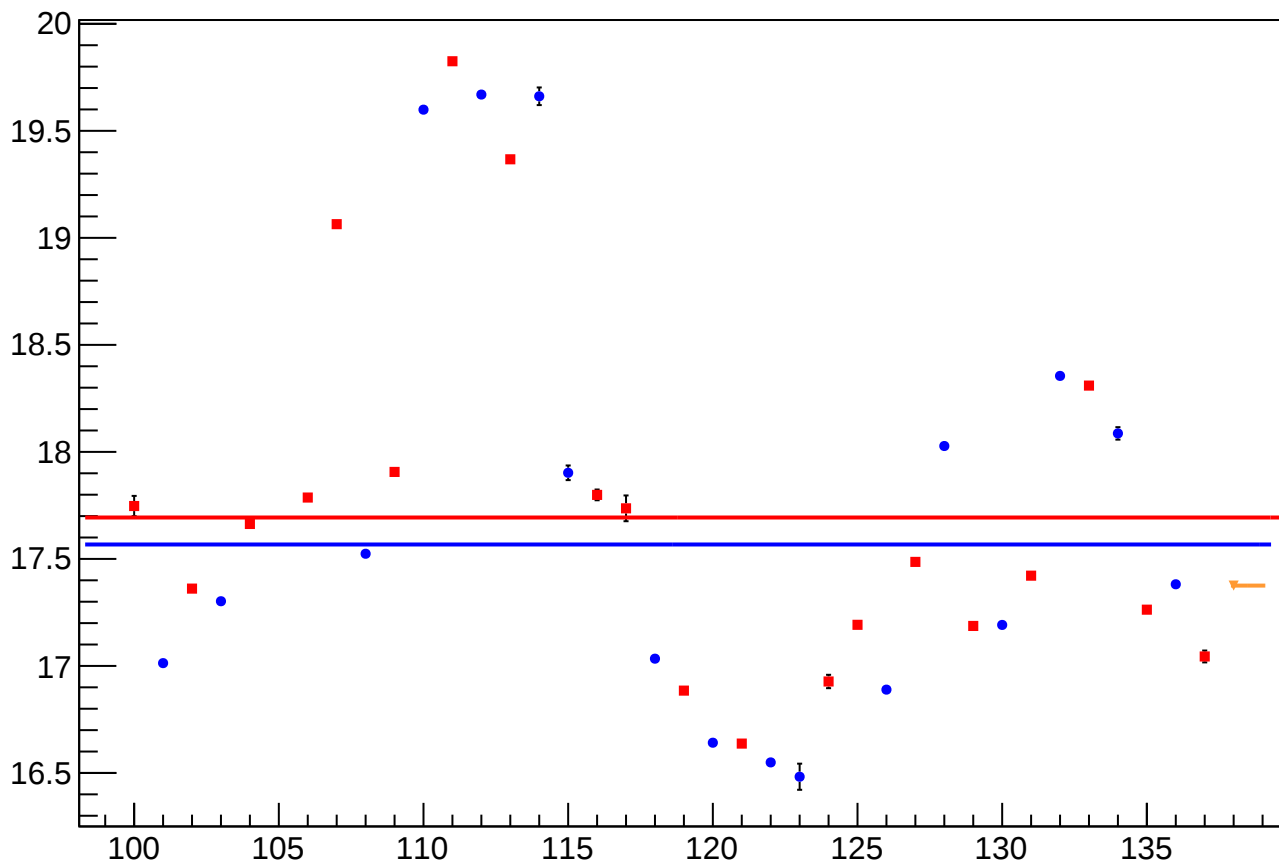
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-0.210 $\pm$ 6.458 χ^2/NDF : 6.8/17

-4.725 $\pm$ 4.618 χ^2/NDF : 28.4/37

-9.452 $\pm$ 6.608 χ^2/NDF : 20.6/19

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.567 $\pm$ 0.005 χ^2 /NDF: 33145.0/16

Left Out: 17.375 $\pm$ 0.014 χ^2 /NDF: 0.0/0

Right Out: 17.693 $\pm$ 0.005 χ^2 /NDF: 30767.6/19

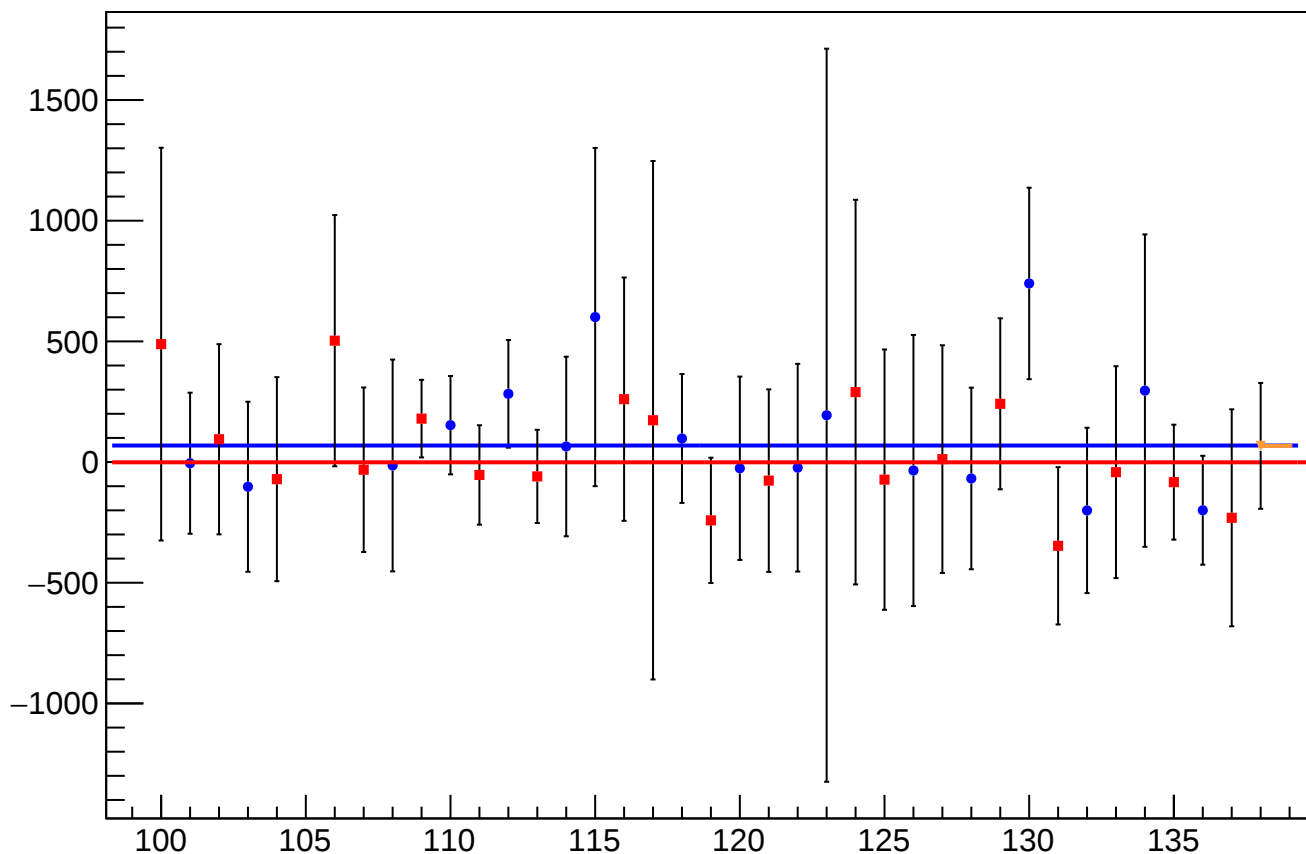
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.548 $\pm$ 0.005 χ^2 /NDF: 33306.2/17

17.619 $\pm$ 0.003 χ^2 /NDF: 64570.2/37

17.693 $\pm$ 0.005 χ^2 /NDF: 30767.6/19

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 68.553 $\pm$ 81.018 χ^2 /NDF: 7.3/16

Left Out: 67.117 $\pm$ 260.804 χ^2 /NDF: 0.0/0

Right Out: -1.057 $\pm$ 71.380 χ^2 /NDF: 6.1/19

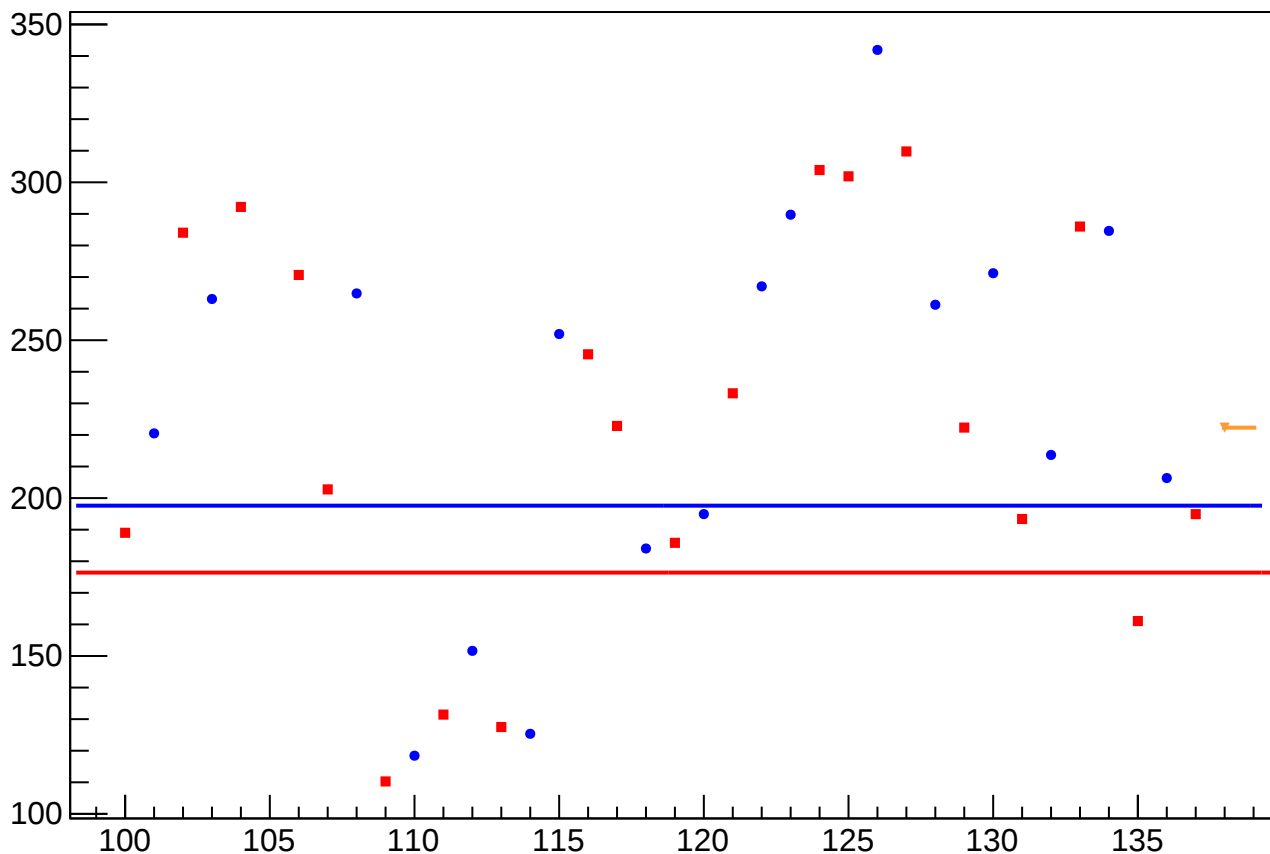
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

68.427 $\pm$ 77.371 χ^2 /NDF: 7.3/17

30.891 $\pm$ 52.464 χ^2 /NDF: 13.9/37

-1.057 $\pm$ 71.380 χ^2 /NDF: 6.1/19

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 197.603 $\pm$ 0.057 χ^2 /NDF: 968827.8/16

Left Out: 222.306 $\pm$ 0.184 χ^2 /NDF: 0.0/0

Right Out: 176.407 $\pm$ 0.050 χ^2 /NDF: 1523589.5/19

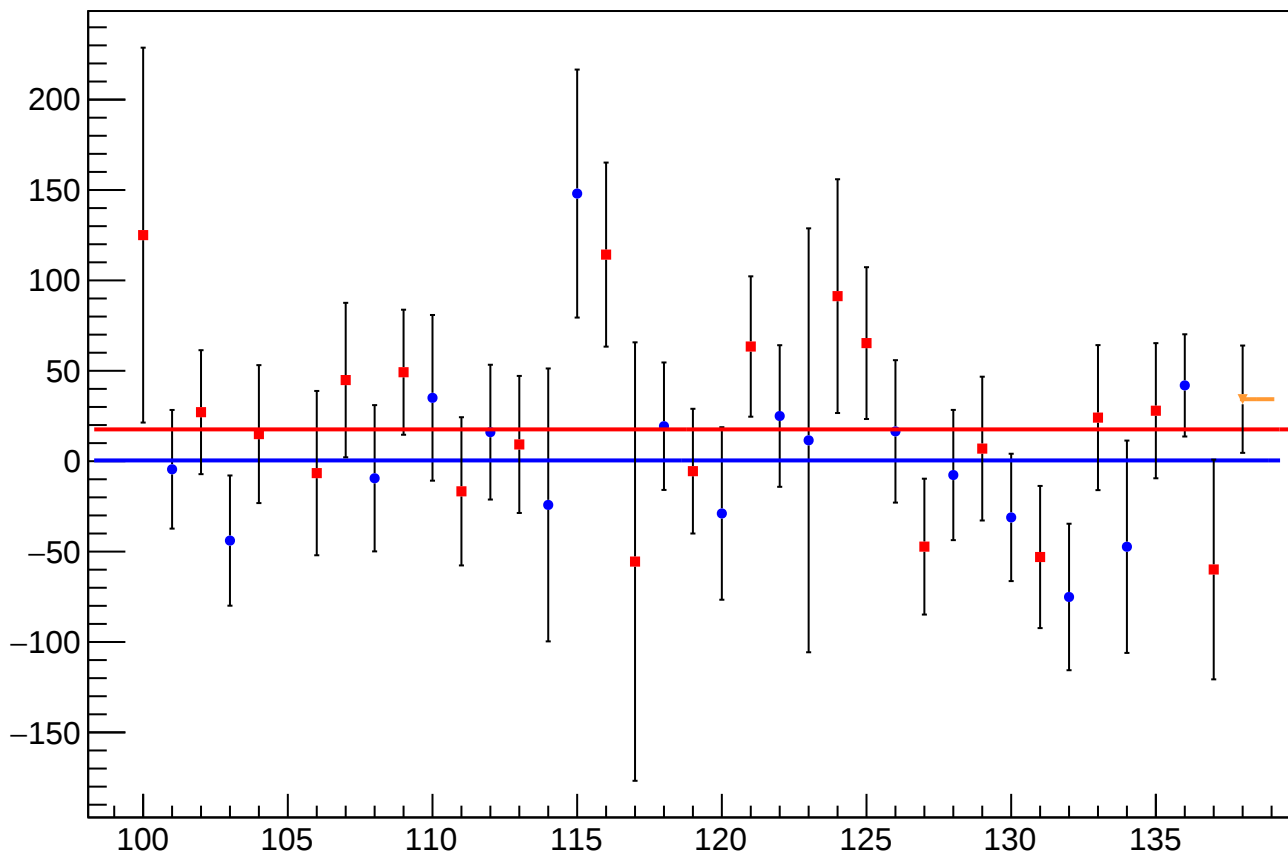
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

199.777 $\pm$ 0.055 χ^2 /NDF: 985191.3/17

187.153 $\pm$ 0.037 χ^2 /NDF: 2607354.1/37

176.407 $\pm$ 0.050 χ^2 /NDF: 1523589.5/19

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.427 ± 9.884 χ^2/NDF : 15.5/16

Left Out: 34.293 ± 29.678 χ^2/NDF : 0.0/0

Right Out: 17.595 ± 9.470 χ^2/NDF : 19.8/19

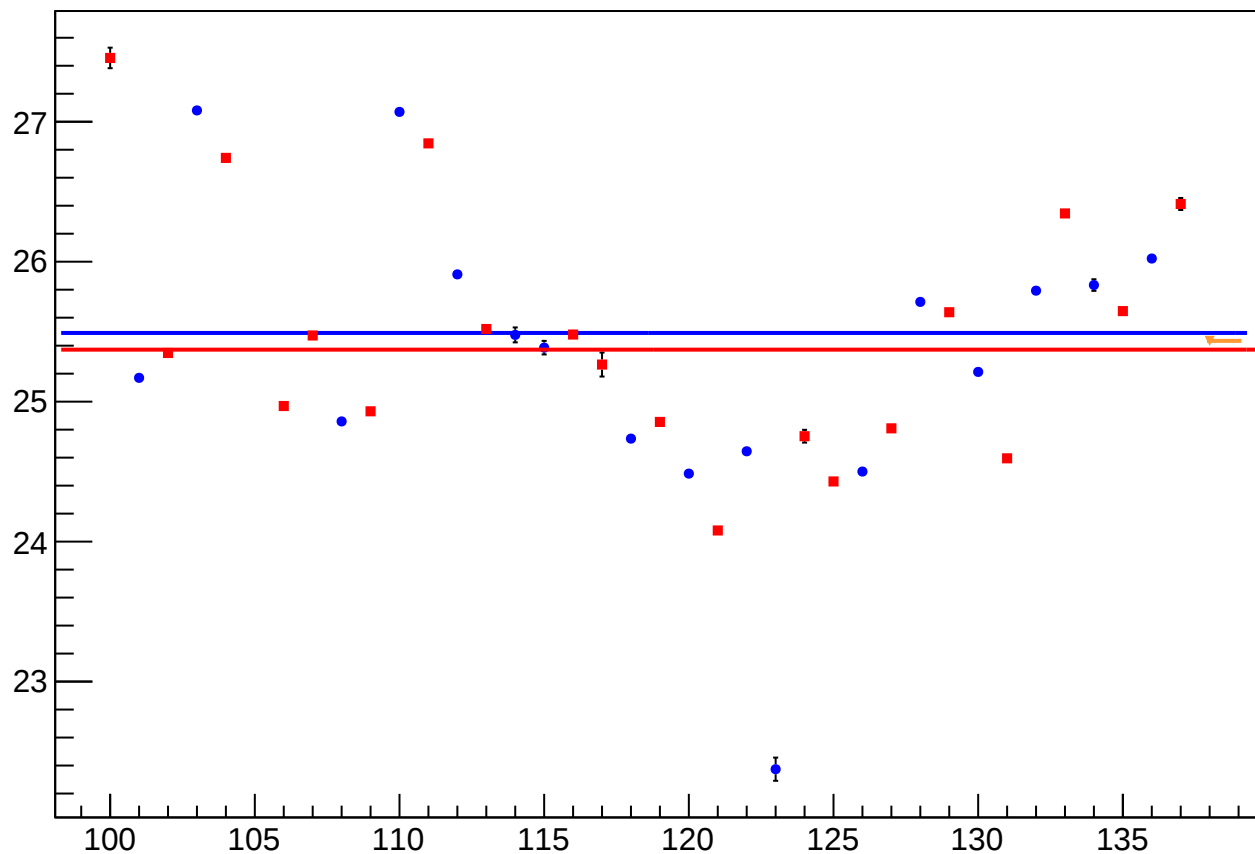
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

3.808 ± 9.378 χ^2/NDF : 16.6/17

10.634 ± 6.663 χ^2/NDF : 37.5/37

17.595 ± 9.470 χ^2/NDF : 19.8/19

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.491 $\pm$ 0.007 χ^2 /NDF: 13713.0/16

Left Out: 25.434 $\pm$ 0.021 χ^2 /NDF: 0.0/0

Right Out: 25.372 $\pm$ 0.007 χ^2 /NDF: 13552.0/19

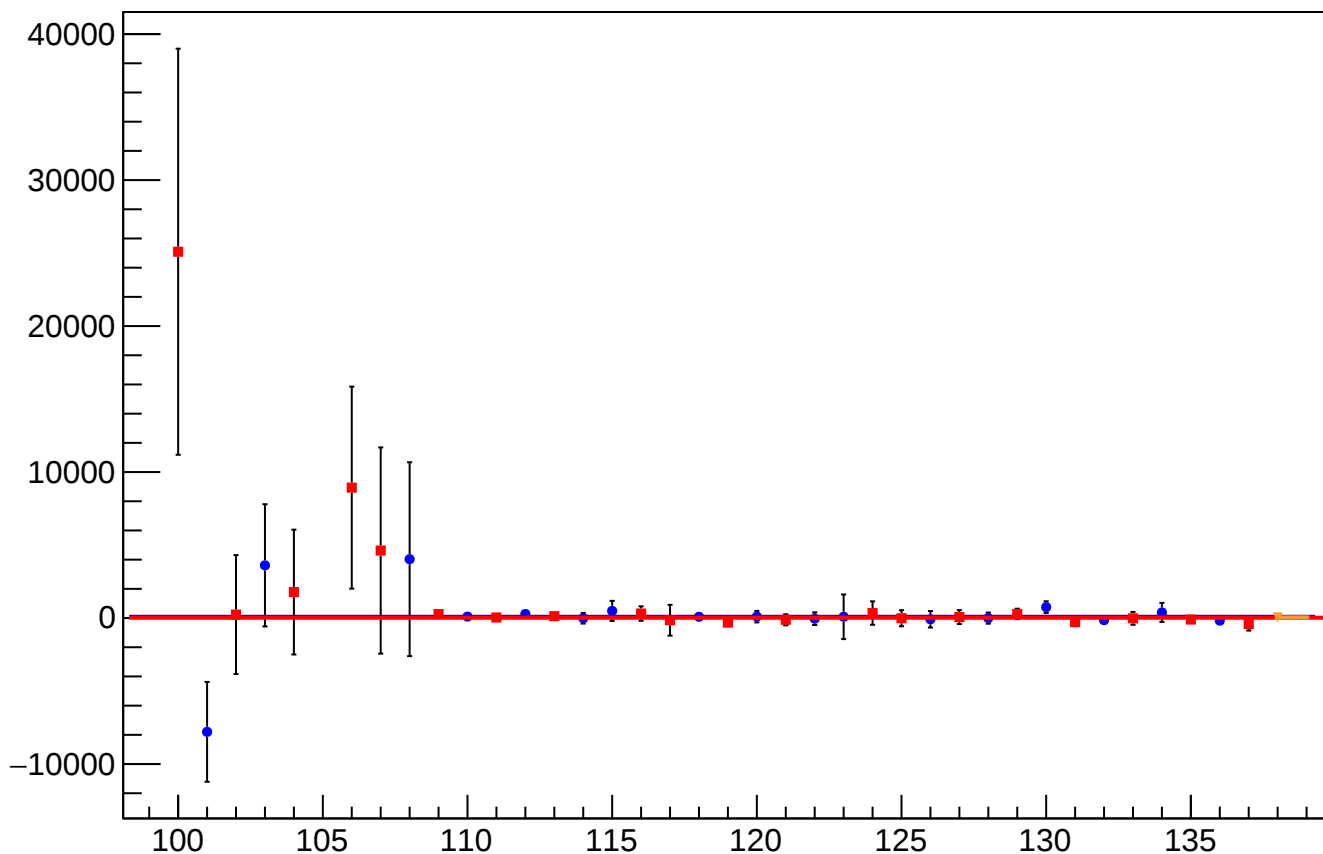
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

25.485 $\pm$ 0.007 χ^2 /NDF: 13719.6/17

25.429 $\pm$ 0.005 χ^2 /NDF: 27417.1/37

25.372 $\pm$ 0.007 χ^2 /NDF: 13552.0/19

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 86.558+/-88.423 χ^2/NDF : 12.5/16

Left Out: 46.356+/-256.563 χ^2/NDF : 0.0/0

Right Out: 22.332+/-80.711 χ^2/NDF : 11.9/19

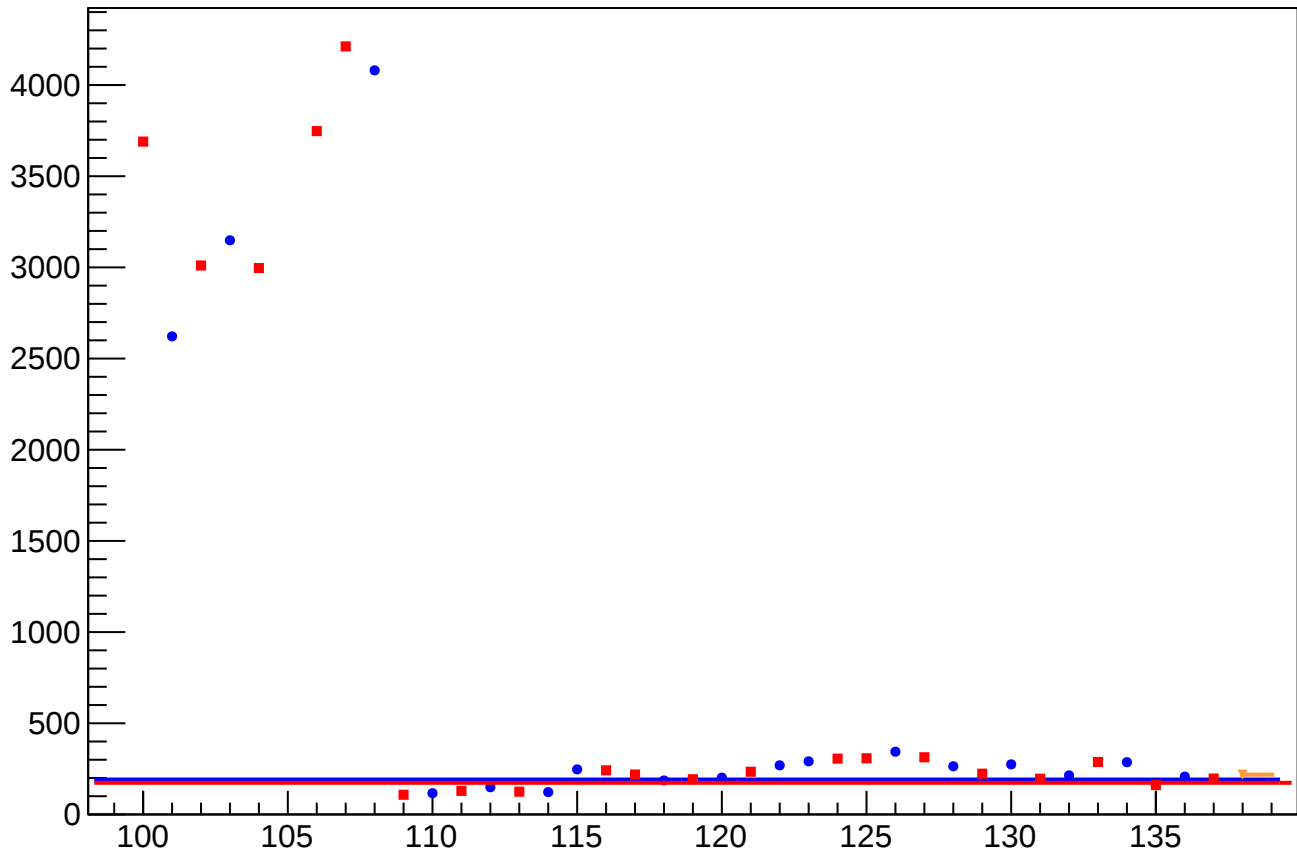
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

82.289+/-83.598 χ^2/NDF : 12.5/17

51.258+/-58.065 χ^2/NDF : 24.7/37

22.332+/-80.711 χ^2/NDF : 11.9/19

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 191.478+/-0.063 χ^2/NDF : 3573154.3/16

Left Out: 218.471+/-0.181 χ^2/NDF : 0.0/0

Right Out: 173.565+/-0.057 χ^2/NDF : 4211161.0/19

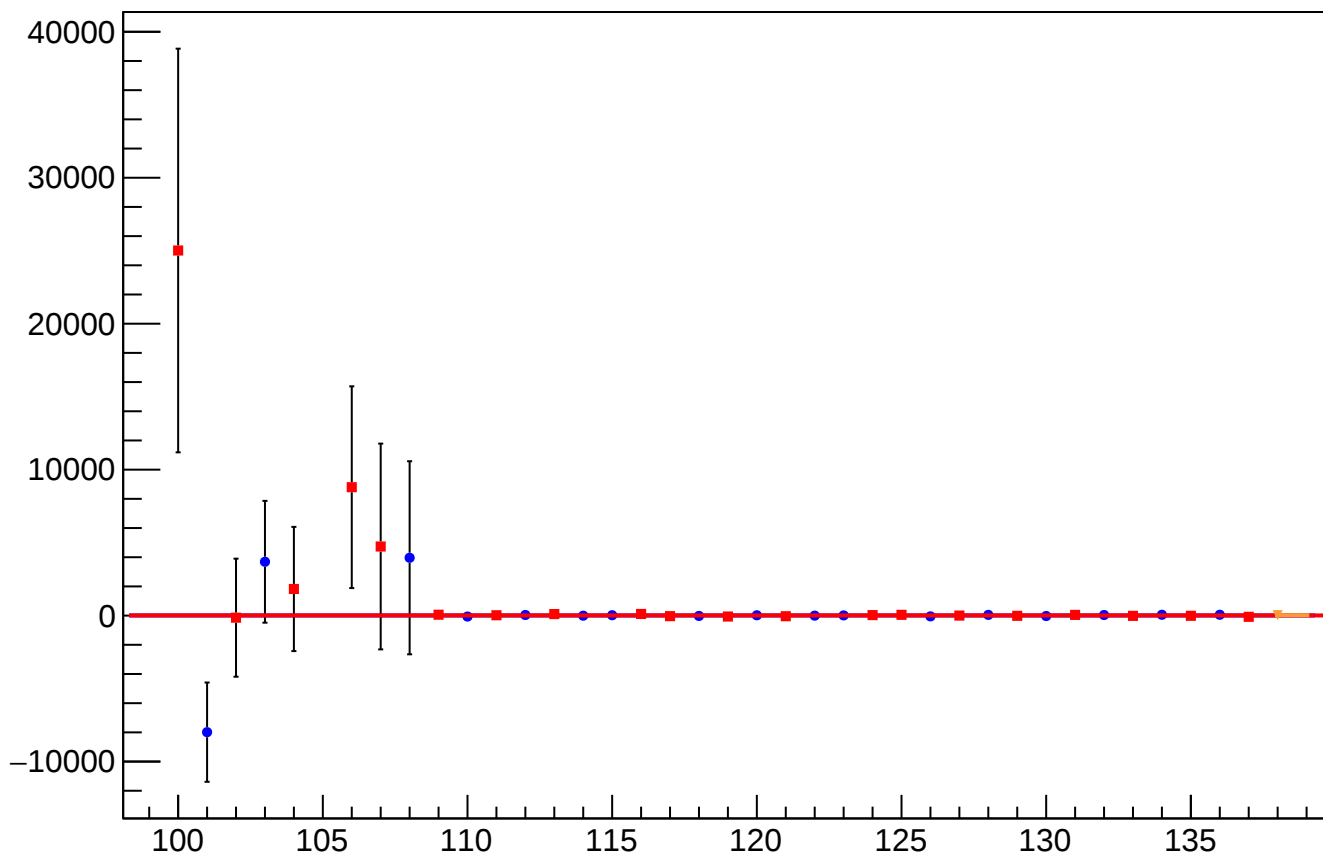
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

194.344+/-0.059 χ^2/NDF : 3592942.1/17

183.590+/-0.041 χ^2/NDF : 7868054.0/37

173.565+/-0.057 χ^2/NDF : 4211161.0/19

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 10.286+/-12.282 χ^2/NDF : 18.4/16

Left Out: 27.258+/-33.777 χ^2/NDF : 0.0/0

Right Out: 12.296+/-12.186 χ^2/NDF : 24.9/19

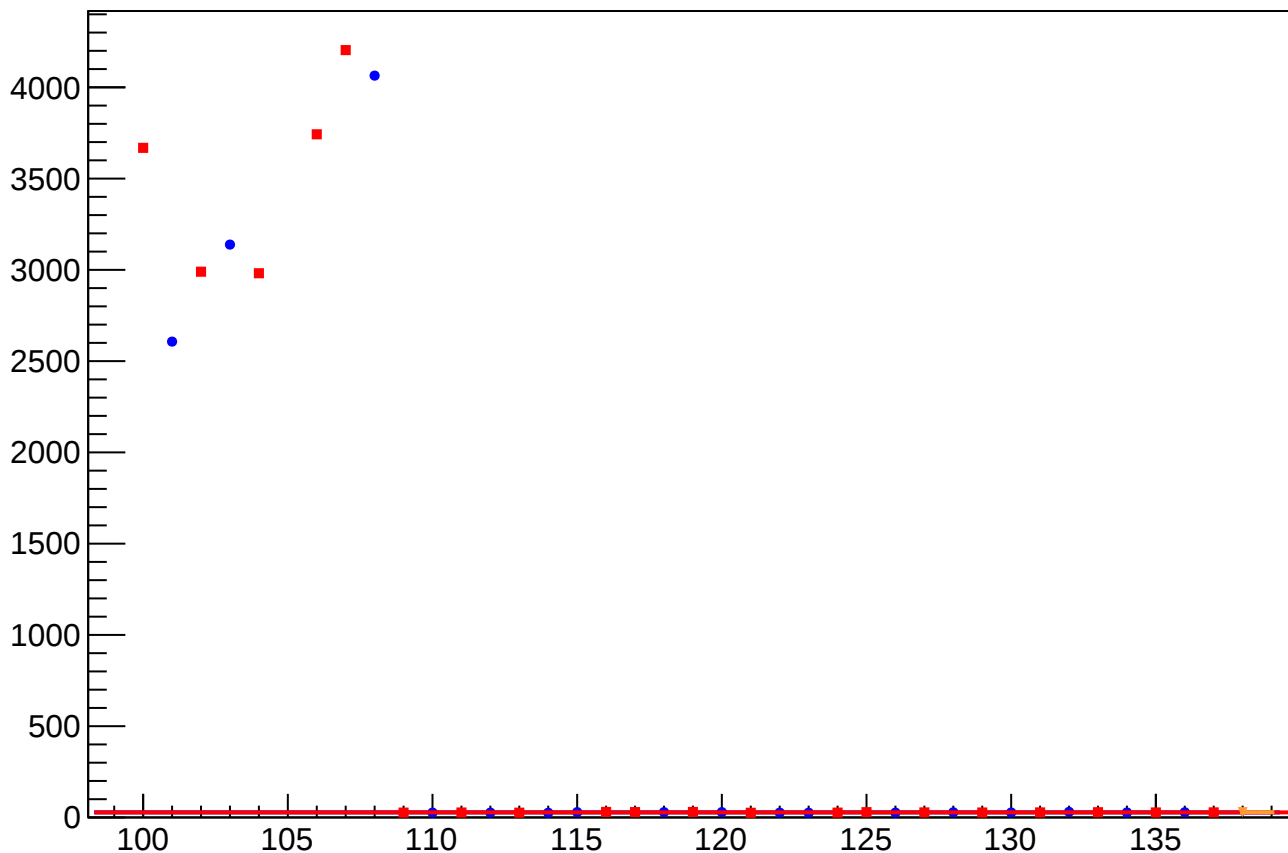
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12.268+/-11.543 χ^2/NDF : 18.6/17

12.281+/-8.380 χ^2/NDF : 43.5/37

12.296+/-12.186 χ^2/NDF : 24.9/19

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.855+/-0.009 χ^2/NDF : 3027666.8/16

Left Out: 28.925+/-0.024 χ^2/NDF : 0.0/0

Right Out: 27.707+/-0.009 χ^2/NDF : 3477132.0/19

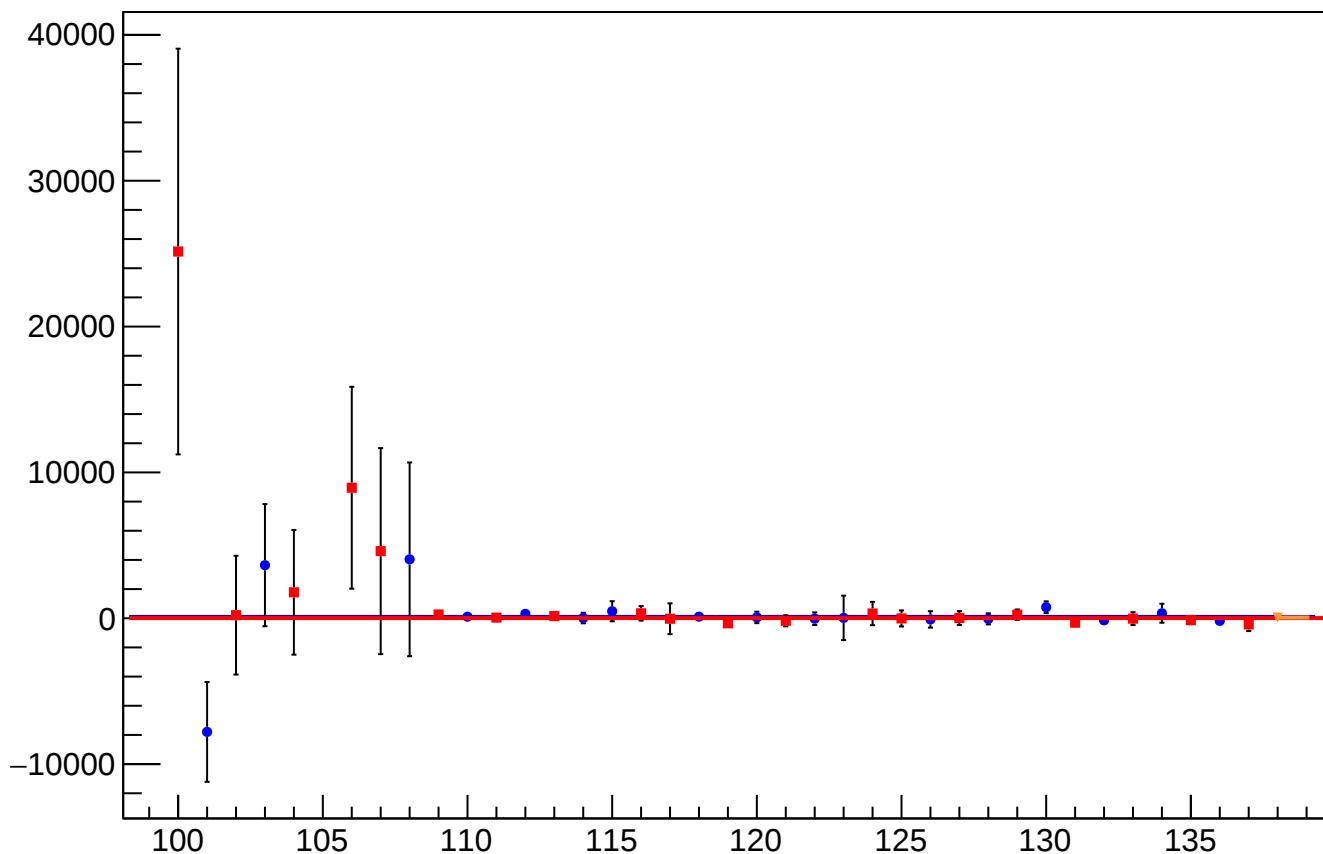
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27.980+/-0.008 χ^2/NDF : 3029439.5/17

27.851+/-0.006 χ^2/NDF : 6507098.3/37

27.707+/-0.009 χ^2/NDF : 3477132.0/19

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 90.773+/-88.149 χ^2/NDF : 12.8/16

Left Out: 50.837+/-255.877 χ^2/NDF : 0.0/0

Right Out: 13.075+/-80.452 χ^2/NDF : 12.7/19

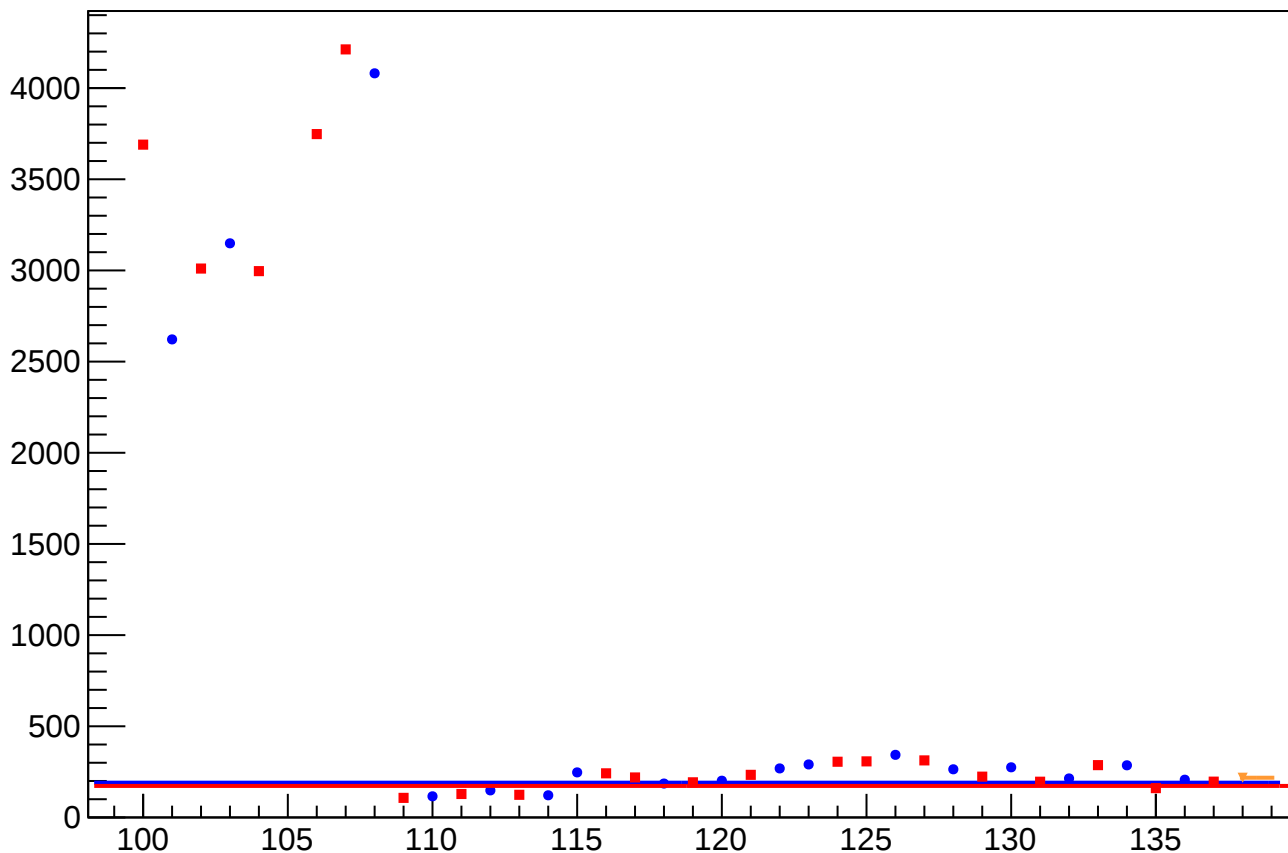
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

86.537+/-83.342 χ^2/NDF : 12.8/17

48.510+/-57.883 χ^2/NDF : 25.9/37

13.075+/-80.452 χ^2/NDF : 12.7/19

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 190.770+/-0.062 χ^2/NDF : 3585034.0/16

Left Out: 217.891+/-0.181 χ^2/NDF : 0.0/0

Right Out: 172.900+/-0.057 χ^2/NDF : 4222511.2/19

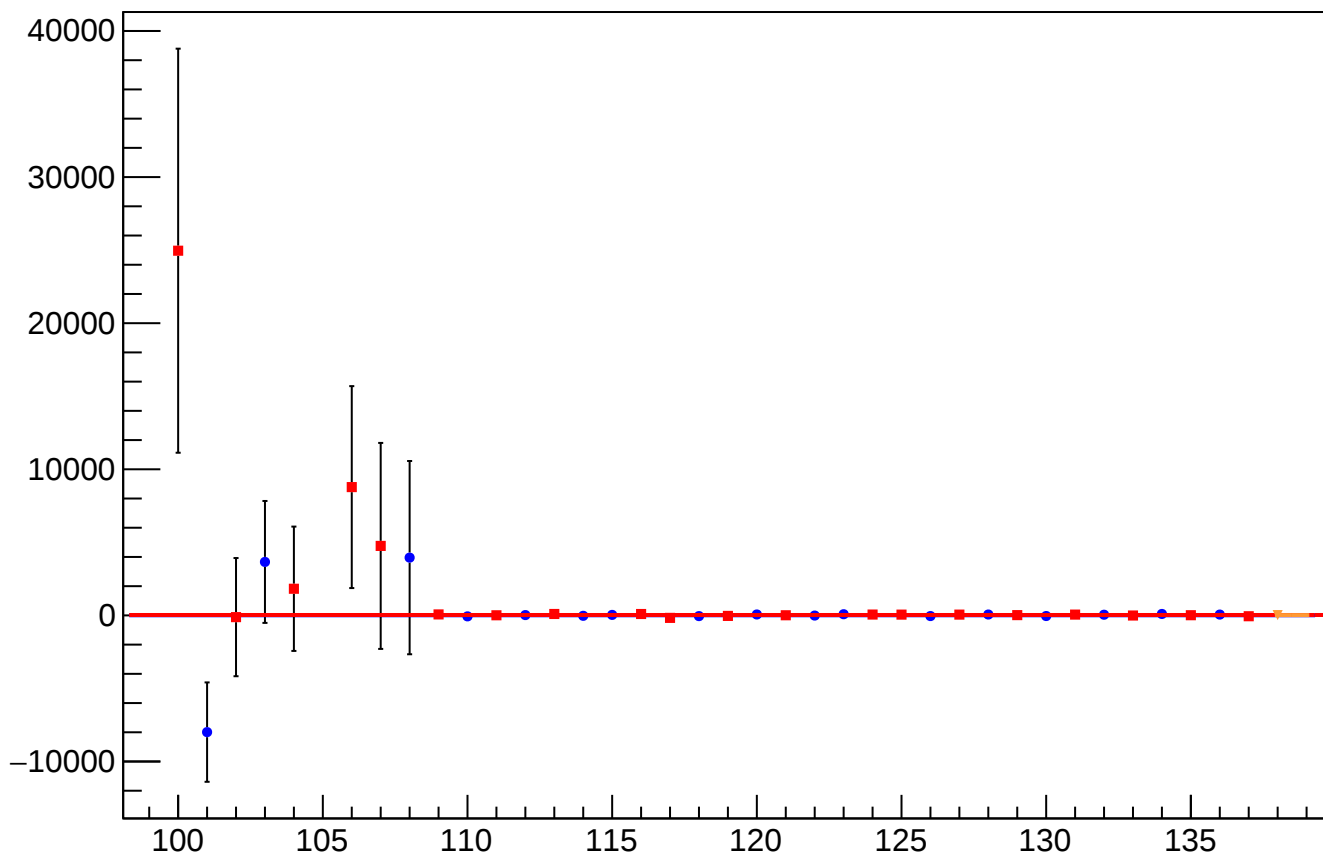
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

193.647+/-0.059 χ^2/NDF : 3605119.5/17

182.908+/-0.041 χ^2/NDF : 7891785.1/37

172.900+/-0.057 χ^2/NDF : 4222511.2/19

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 8.600 $\pm$ 12.368 χ^2 /NDF: 23.2/16

Left Out: 19.828 $\pm$ 34.159 χ^2 /NDF: 0.0/0

Right Out: 27.898 $\pm$ 12.287 χ^2 /NDF: 18.8/19

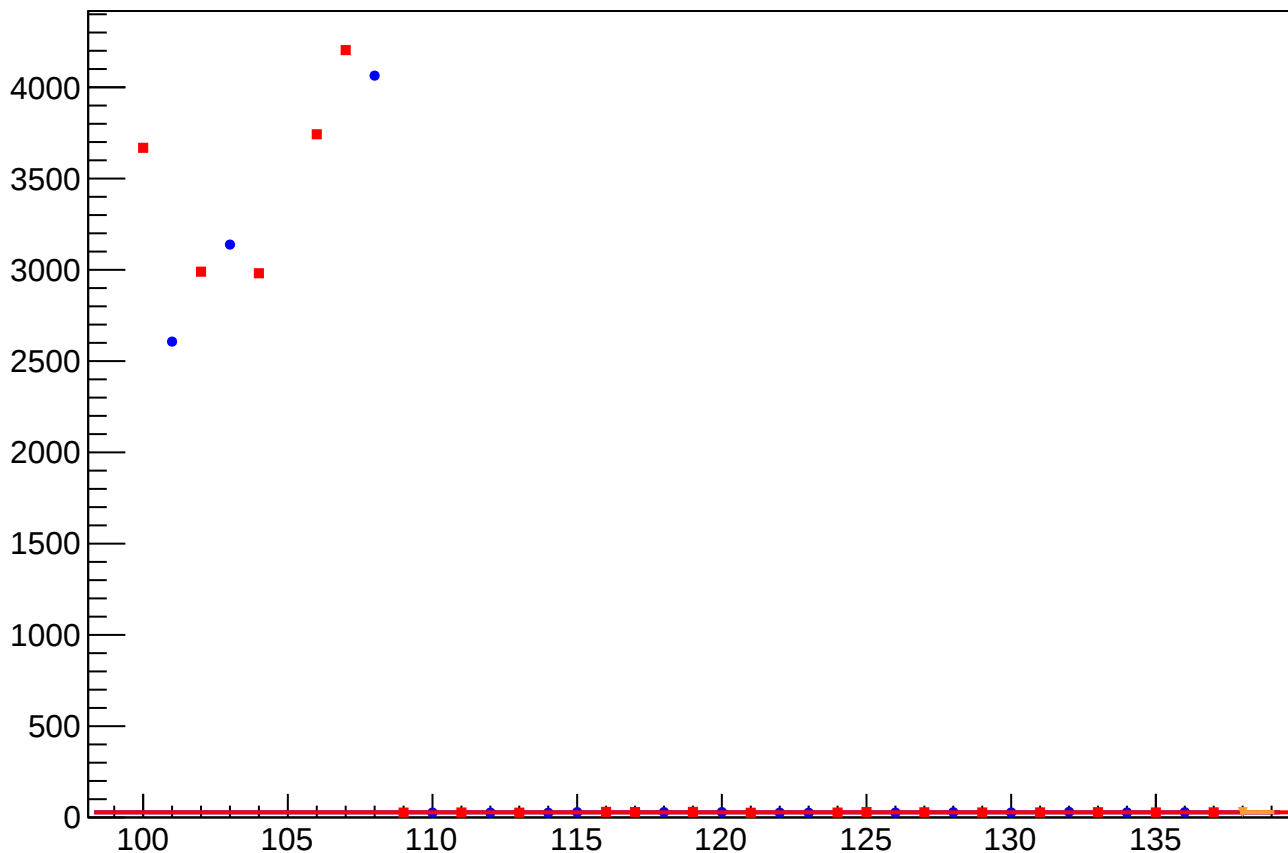
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

9.901 $\pm$ 11.629 χ^2 /NDF: 23.3/17

18.405 $\pm$ 8.446 χ^2 /NDF: 43.2/37

27.898 $\pm$ 12.287 χ^2 /NDF: 18.8/19

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 28.044+/-0.009 χ^2 /NDF: 3027898.7/16

Left Out: 29.249+/-0.024 χ^2 /NDF: 0.0/0

Right Out: 27.930+/-0.009 χ^2 /NDF: 3479947.6/19

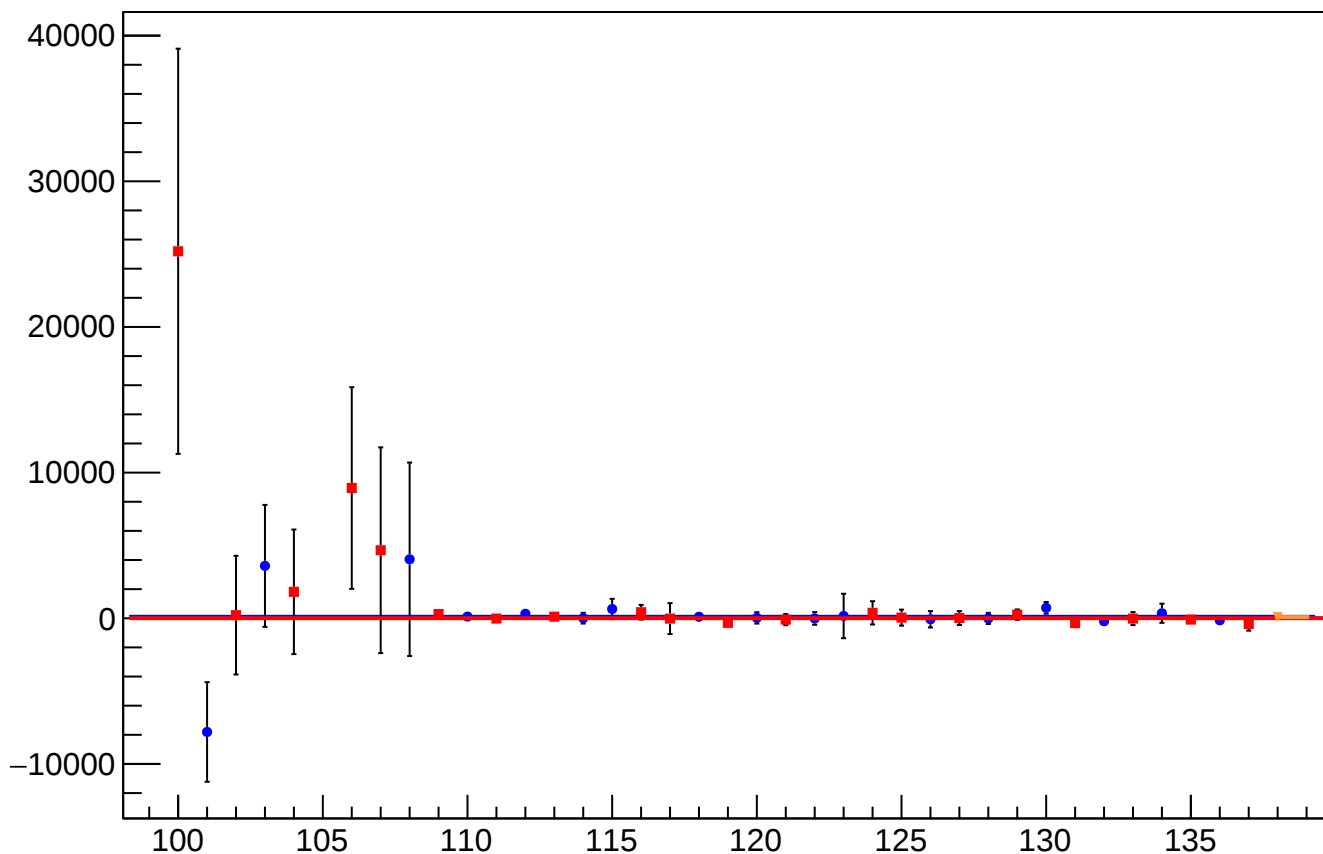
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

28.183+/-0.008 χ^2 /NDF: 3030097.8/17

28.064+/-0.006 χ^2 /NDF: 6510494.5/37

27.930+/-0.009 χ^2 /NDF: 3479947.6/19

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 98.142+/-89.203 χ^2/NDF : 12.5/16

Left Out: 80.021+/-260.293 χ^2/NDF : 0.0/0

Right Out: 11.533+/-81.530 χ^2/NDF : 12.3/19

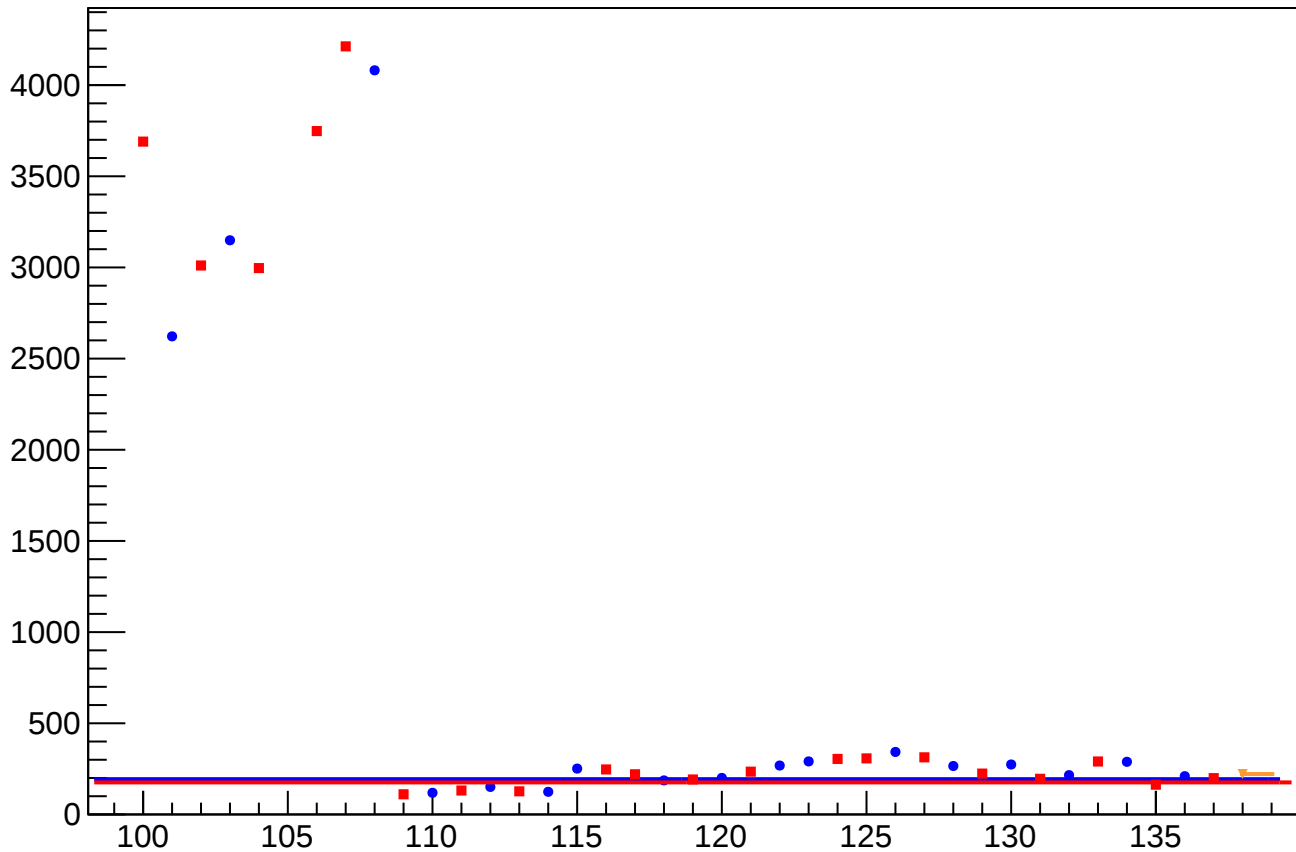
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

96.238+/-84.385 χ^2/NDF : 12.5/17

52.428+/-58.634 χ^2/NDF : 25.3/37

11.533+/-81.530 χ^2/NDF : 12.3/19

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 193.516+/-0.063 χ^2/NDF : 3536947.8/16

Left Out: 221.686+/-0.184 χ^2/NDF : 0.0/0

Right Out: 175.774+/-0.058 χ^2/NDF : 4169115.6/19

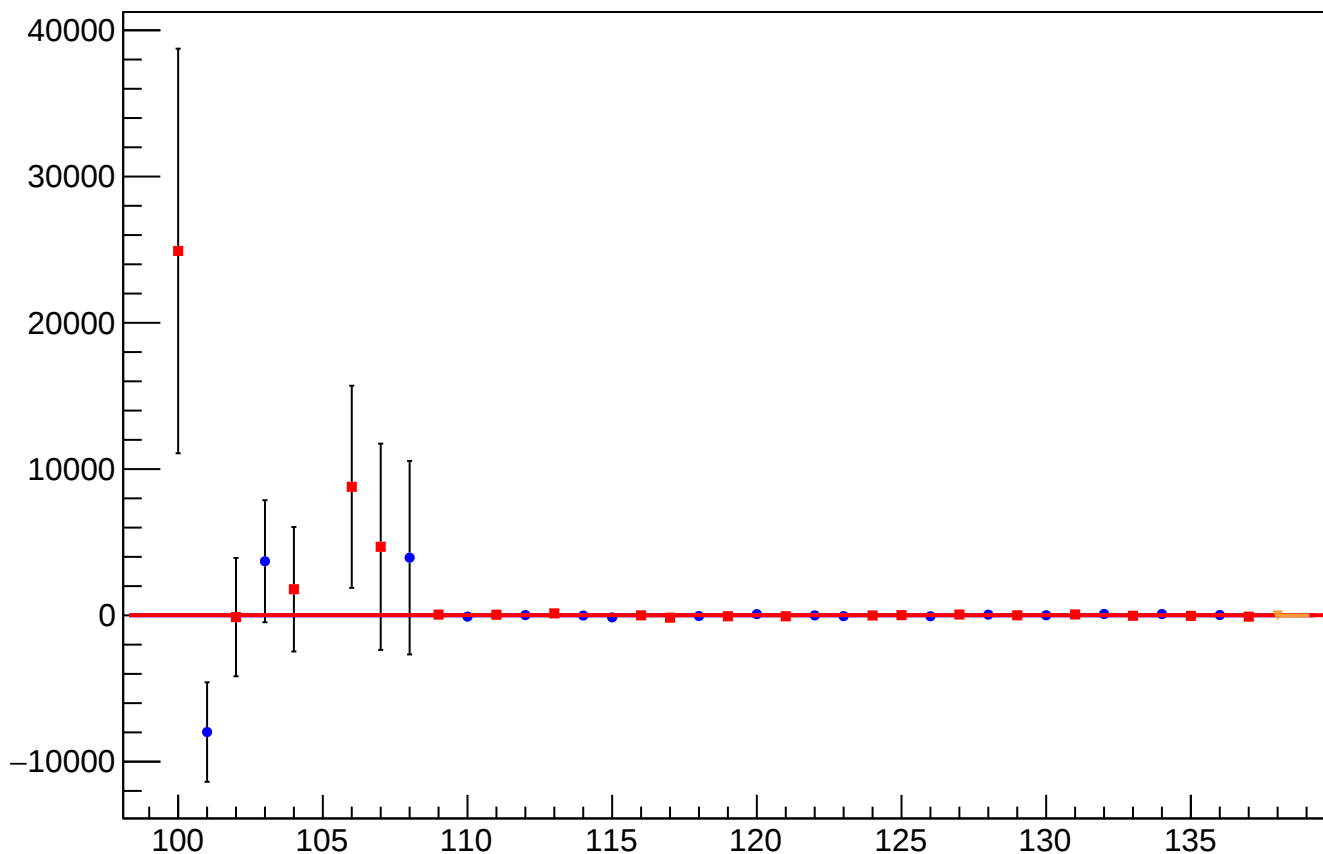
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

196.477+/-0.060 χ^2/NDF : 3557909.9/17

185.769+/-0.041 χ^2/NDF : 7789289.2/37

175.774+/-0.058 χ^2/NDF : 4169115.6/19

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 5.565 $\pm$ 15.052 χ^2 /NDF: 20.4/16

Left Out: -8.004 $\pm$ 41.008 χ^2 /NDF: 0.0/0

Right Out: 10.775 $\pm$ 14.891 χ^2 /NDF: 23.0/19

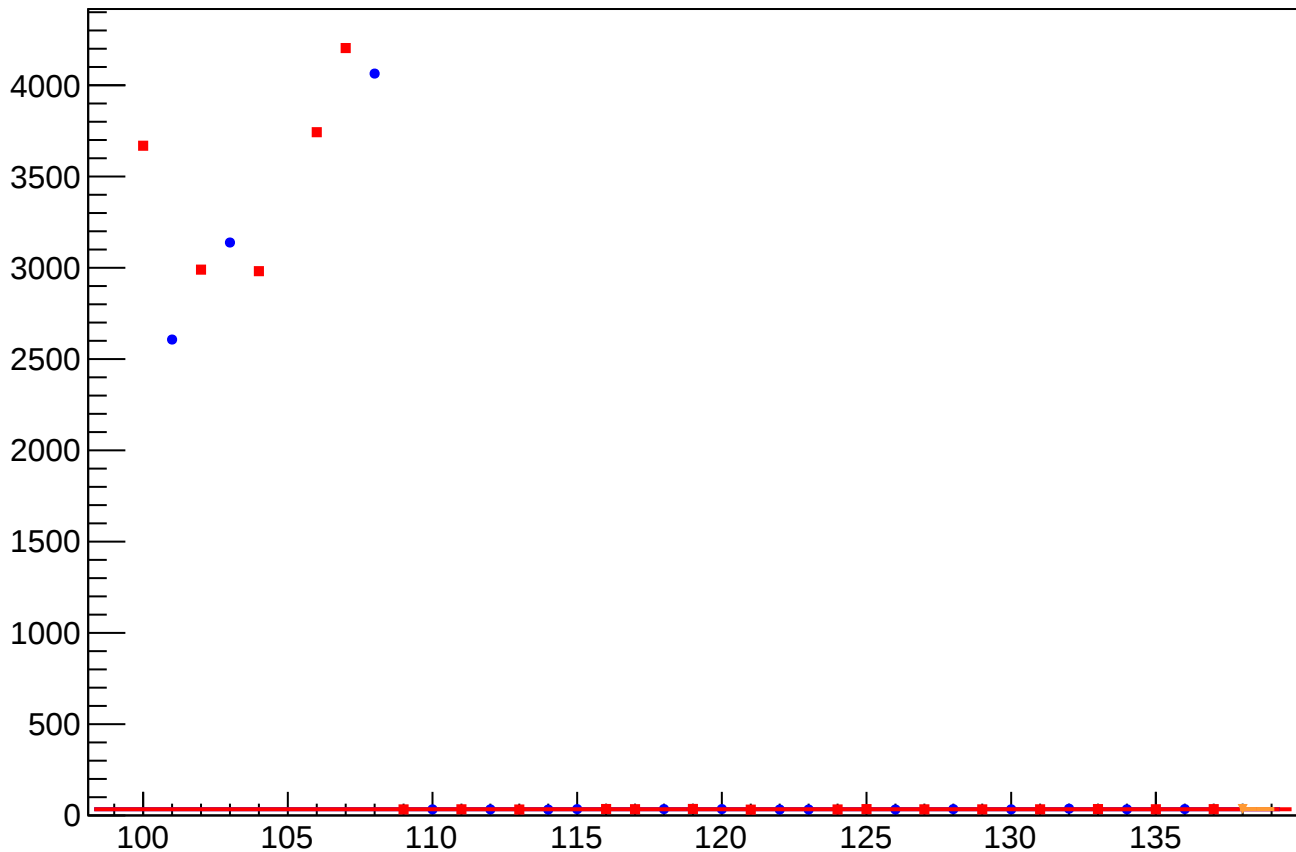
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3.954 $\pm$ 14.130 χ^2 /NDF: 20.5/17

7.186 $\pm$ 10.250 χ^2 /NDF: 43.6/37

10.775 $\pm$ 14.891 χ^2 /NDF: 23.0/19

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 34.168 $\pm$ 0.011 χ^2 /NDF: 3006512.8/16

Left Out: 35.137 $\pm$ 0.029 χ^2 /NDF: 0.0/0

Right Out: 33.916 $\pm$ 0.011 χ^2 /NDF: 3451921.6/19

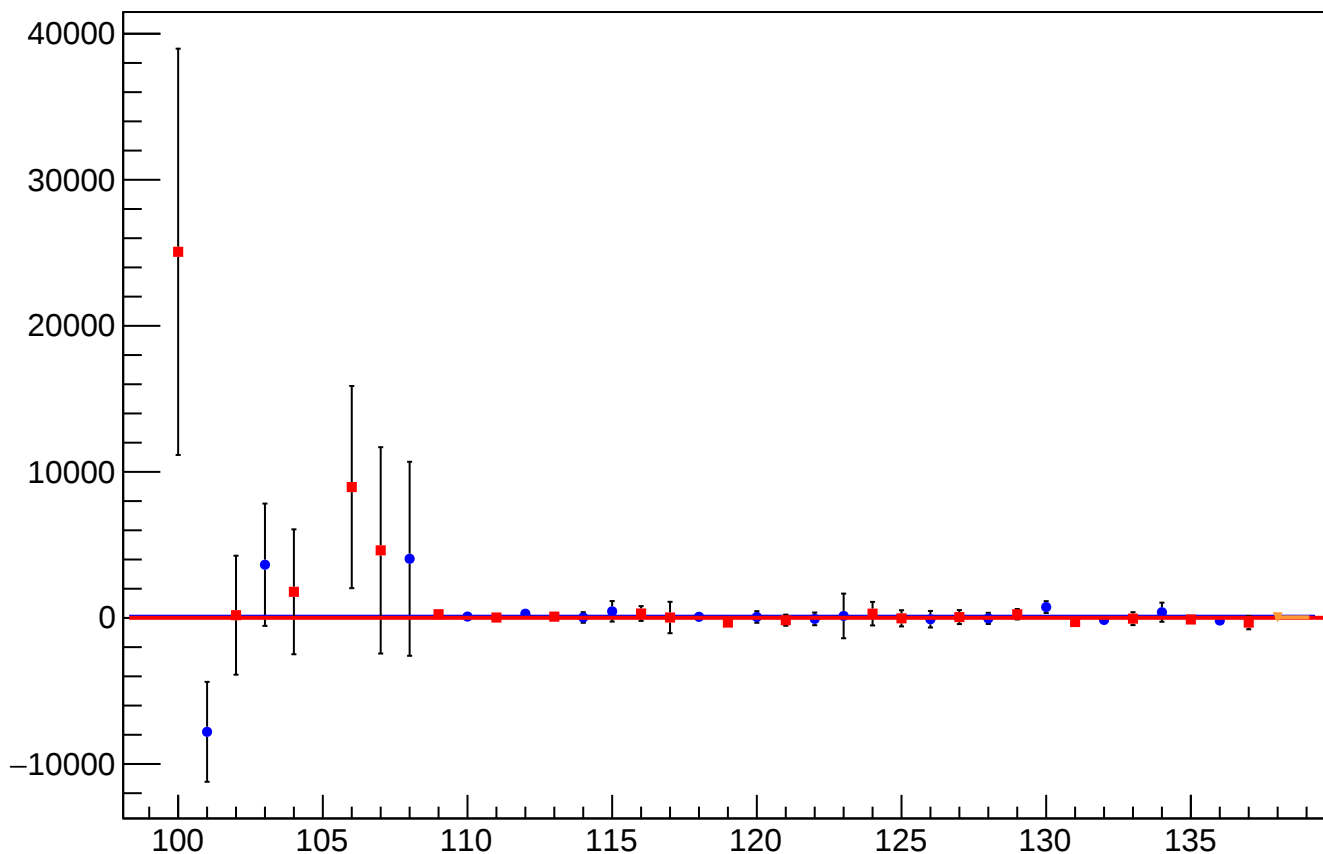
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

34.283 $\pm$ 0.010 χ^2 /NDF: 3007497.4/17

34.109 $\pm$ 0.007 χ^2 /NDF: 6460058.4/37

33.916 $\pm$ 0.011 χ^2 /NDF: 3451921.6/19

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 84.504+/-88.746 χ^2/NDF : 12.5/16

Left Out: 42.430+/-257.176 χ^2/NDF : 0.0/0

Right Out: 8.682+/-81.026 χ^2/NDF : 11.1/19

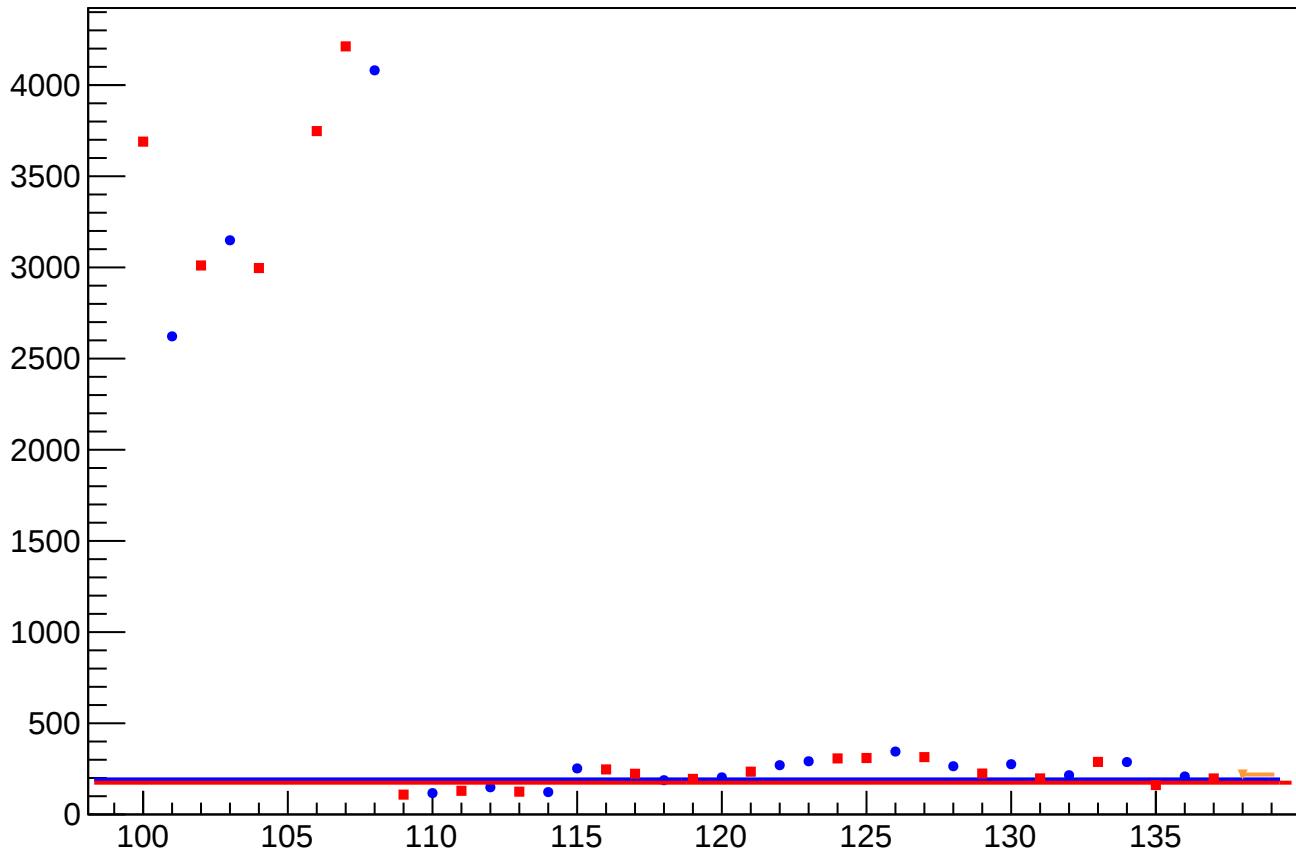
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

80.027+/-83.892 χ^2/NDF : 12.6/17

43.115+/-58.281 χ^2/NDF : 24.0/37

8.682+/-81.026 χ^2/NDF : 11.1/19

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 192.177+/-0.063 χ^2/NDF : 3574617.3/16

Left Out: 218.997+/-0.182 χ^2/NDF : 0.0/0

Right Out: 174.240+/-0.057 χ^2/NDF : 4215763.8/19

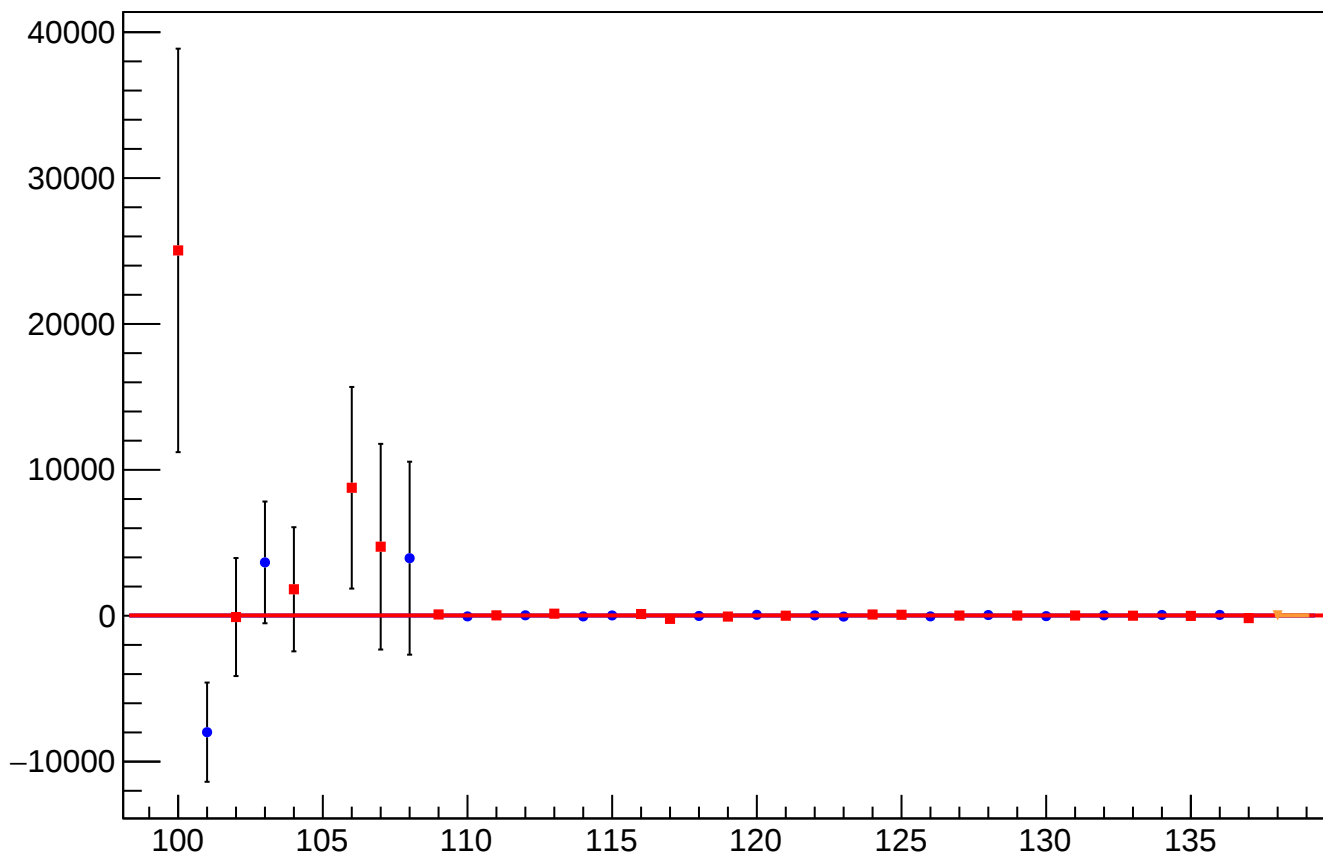
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

195.031+/-0.059 χ^2/NDF : 3594053.7/17

184.274+/-0.041 χ^2/NDF : 7873372.9/37

174.240+/-0.057 χ^2/NDF : 4215763.8/19

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 12.751+/-13.723 χ^2/NDF : 14.6/16

Left Out: 27.306+/-37.177 χ^2/NDF : 0.0/0

Right Out: 20.740+/-13.606 χ^2/NDF : 30.4/19

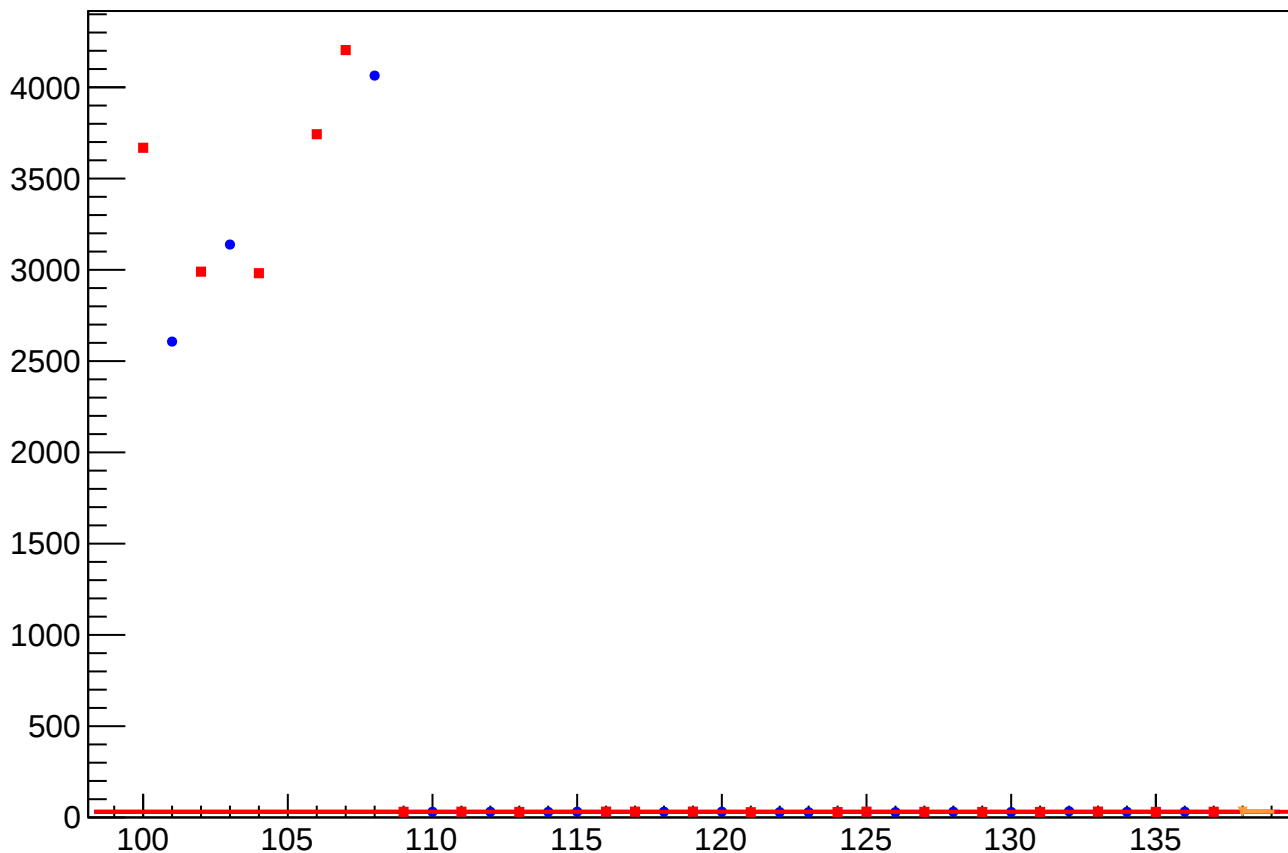
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14.496+/-12.874 χ^2/NDF : 14.8/17

17.446+/-9.351 χ^2/NDF : 45.3/37

20.740+/-13.606 χ^2/NDF : 30.4/19

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 31.153+/-0.010 χ^2/NDF : 3014515.0/16

Left Out: 31.847+/-0.026 χ^2/NDF : 0.0/0

Right Out: 30.970+/-0.010 χ^2/NDF : 3458998.2/19

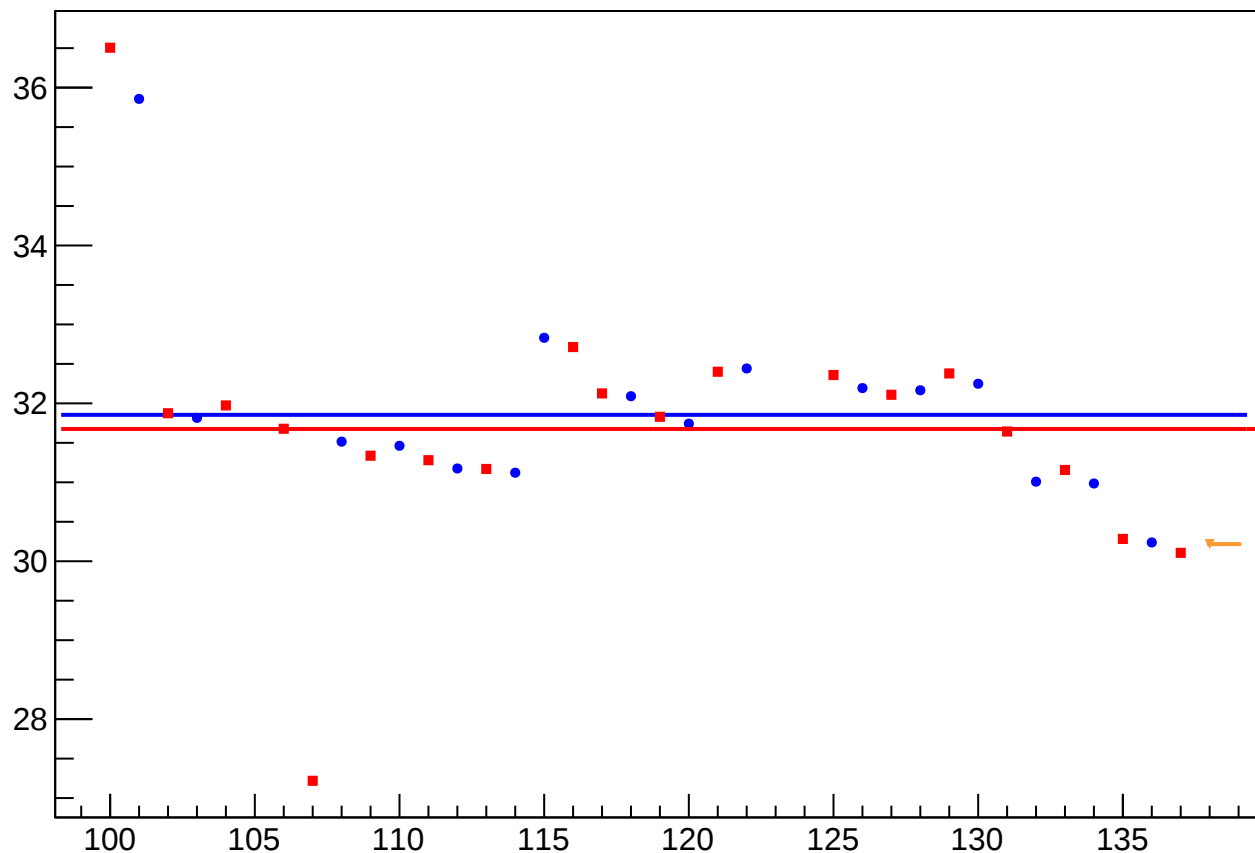
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

31.236+/-0.009 χ^2/NDF : 3015128.8/17

31.110+/-0.007 χ^2/NDF : 6474531.3/37

30.970+/-0.010 χ^2/NDF : 3458998.2/19

yield_usl_mean vs Slug, Sign Corrected



Right In: 31.855 $\pm$ 0.000 χ^2 /NDF: 1570522165.5/15

Left Out: 30.217 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.676 $\pm$ 0.000 χ^2 /NDF: 919678295.7/18

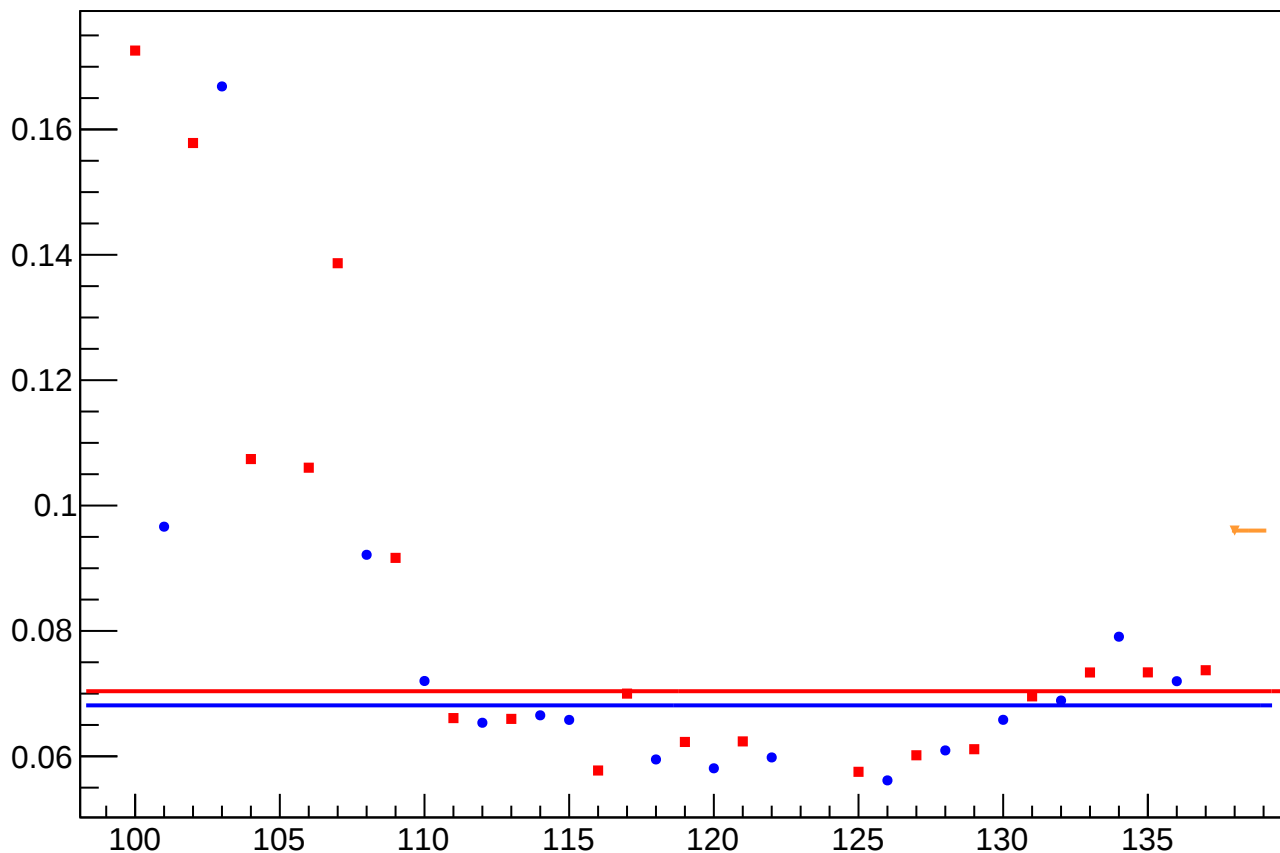
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

31.764 $\pm$ 0.000 χ^2 /NDF: 1755447894.7/16

31.722 $\pm$ 0.000 χ^2 /NDF: 2680005473.4/3

31.676 $\pm$ 0.000 χ^2 /NDF: 919678295.7/18

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.000 χ^2 /NDF: 629767.4/15

Left Out: 0.096 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.070 $\pm$ 0.000 χ^2 /NDF: 841322.7/18

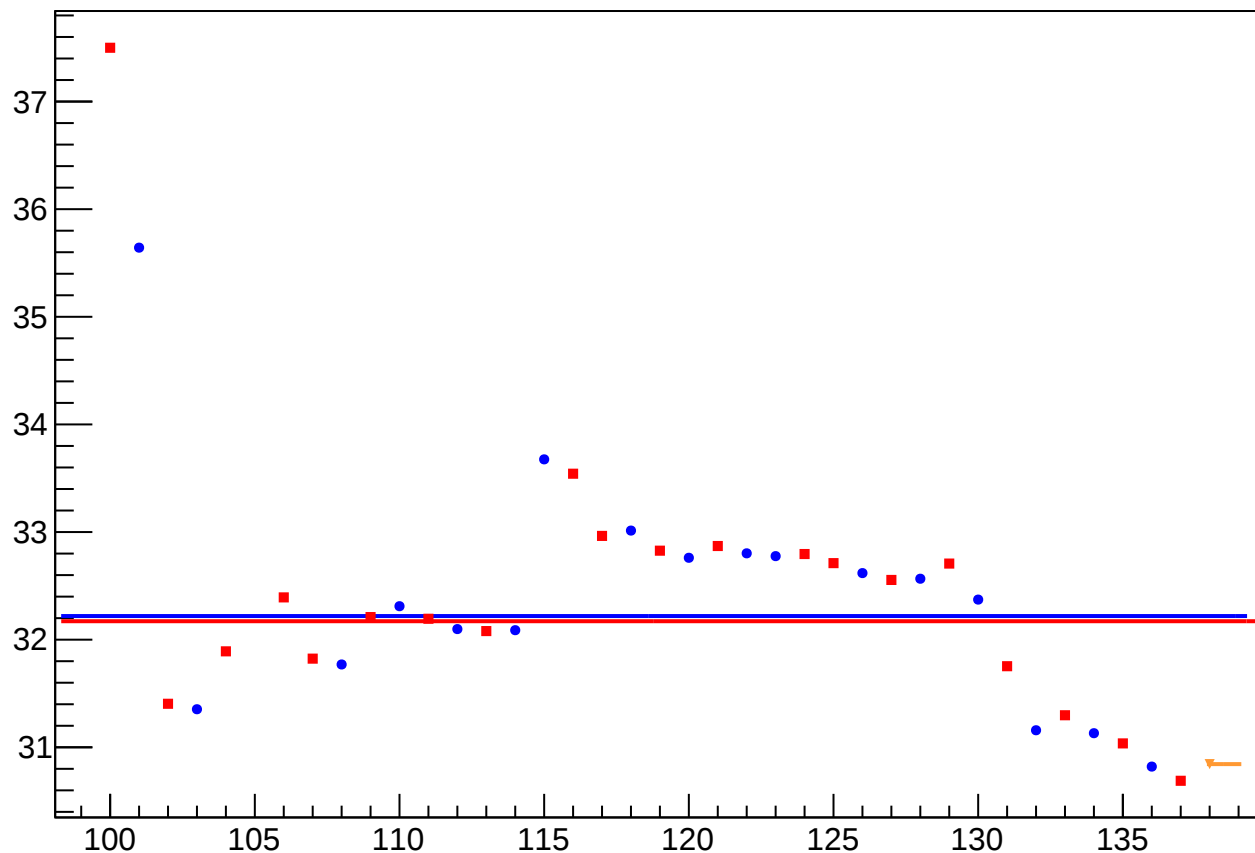
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.070 $\pm$ 0.000 χ^2 /NDF: 737013.7/16

0.070 $\pm$ 0.000 χ^2 /NDF: 1578973.8/35

0.070 $\pm$ 0.000 χ^2 /NDF: 841322.7/18

yield_usr_mean vs Slug, Sign Corrected



Right In: 32.220+/-0.000 χ^2/NDF : 1013864543.3/16

Left Out: 30.844+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.171+/-0.000 χ^2/NDF : 444137990.6/19

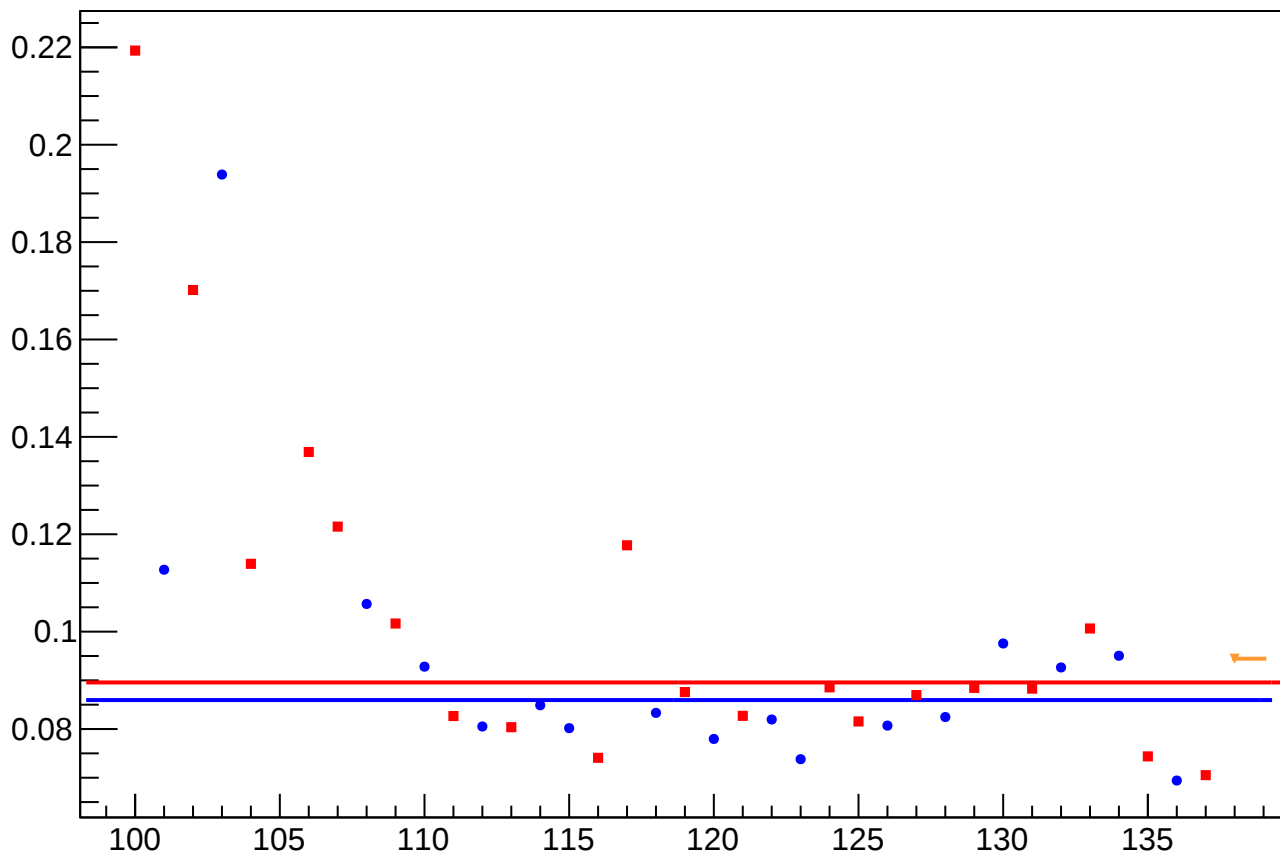
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.101+/-0.000 χ^2/NDF : 1142014933.3/17

32.134+/-0.000 χ^2/NDF : 1588183756.1/3

32.171+/-0.000 χ^2/NDF : 444137990.6/19

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.086 $\pm$ 0.000 χ^2 /NDF: 553280.3/16

Left Out: 0.094 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.090 $\pm$ 0.000 χ^2 /NDF: 544516.7/19

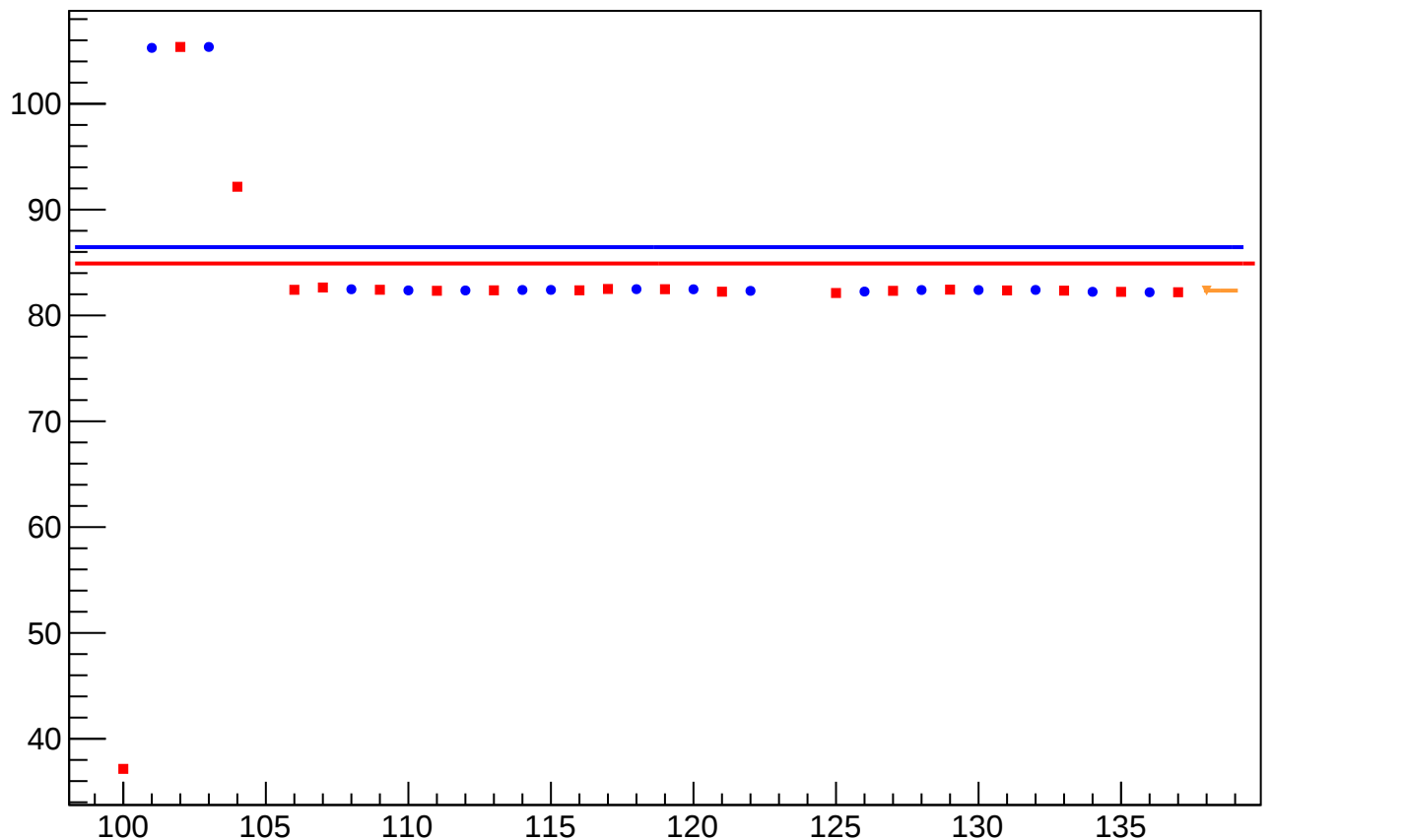
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.087 $\pm$ 0.000 χ^2 /NDF: 563061.2/17

0.088 $\pm$ 0.000 χ^2 /NDF: 1114346.5/37

0.090 $\pm$ 0.000 χ^2 /NDF: 544516.7/19

yield_dsl_mean vs Slug, Sign Corrected



Right In: 86.457+/-0.000 χ^2/NDF : 291421048436.2/15

Left Out: 82.350+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.908+/-0.000 χ^2/NDF : 172306803858.3/18

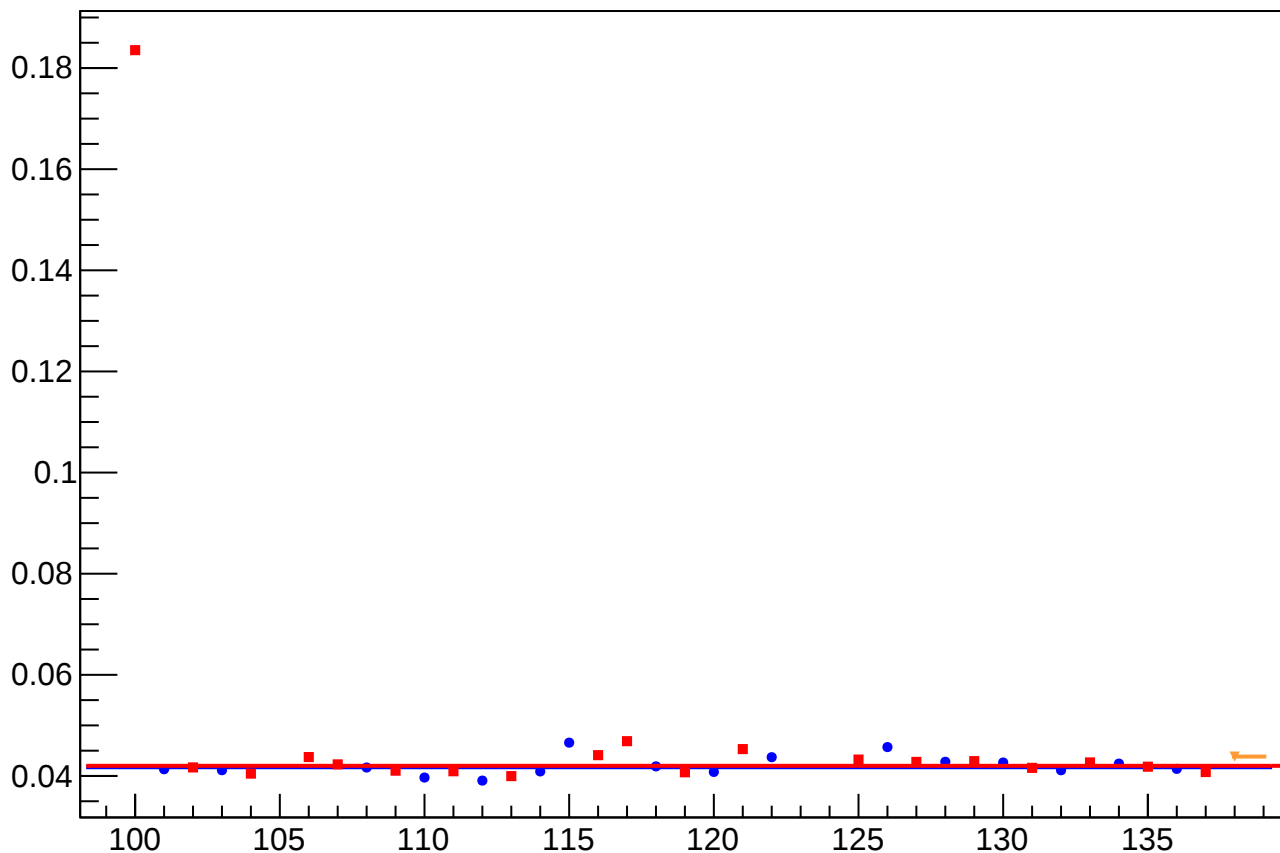
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

86.082+/-0.000 χ^2/NDF : 297217862381.5/16

85.511+/-0.000 χ^2/NDF : 472304843141.4

84.908+/-0.000 χ^2/NDF : 172306803858.3/18

yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.042+/-0.000 χ^2/NDF : 18887.0/15

Left Out: 0.044+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.042+/-0.000 χ^2/NDF : 97785.5/18

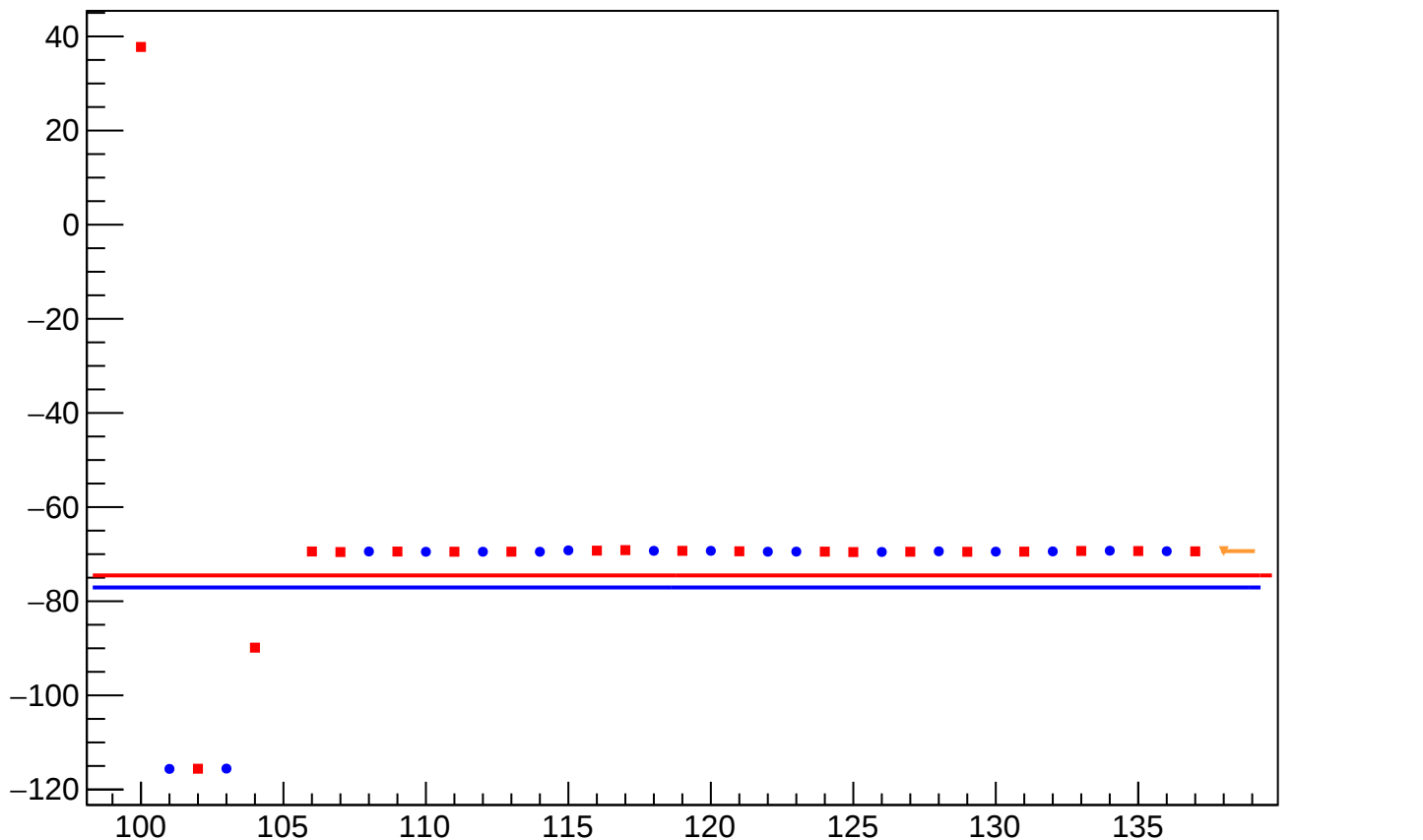
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.042+/-0.000 χ^2/NDF : 21938.5/16

0.042+/-0.000 χ^2/NDF : 119752.8/35

0.042+/-0.000 χ^2/NDF : 97785.5/18

yield_dsr_mean vs Slug, Sign Corrected



Right In: -77.074+/-0.000 χ^2/NDF : 565391865606.1/16

Left Out: -69.352+/-0.000 χ^2/NDF : 0.0/0

Right Out: -74.518+/-0.000 χ^2/NDF : 372210051226.2/19

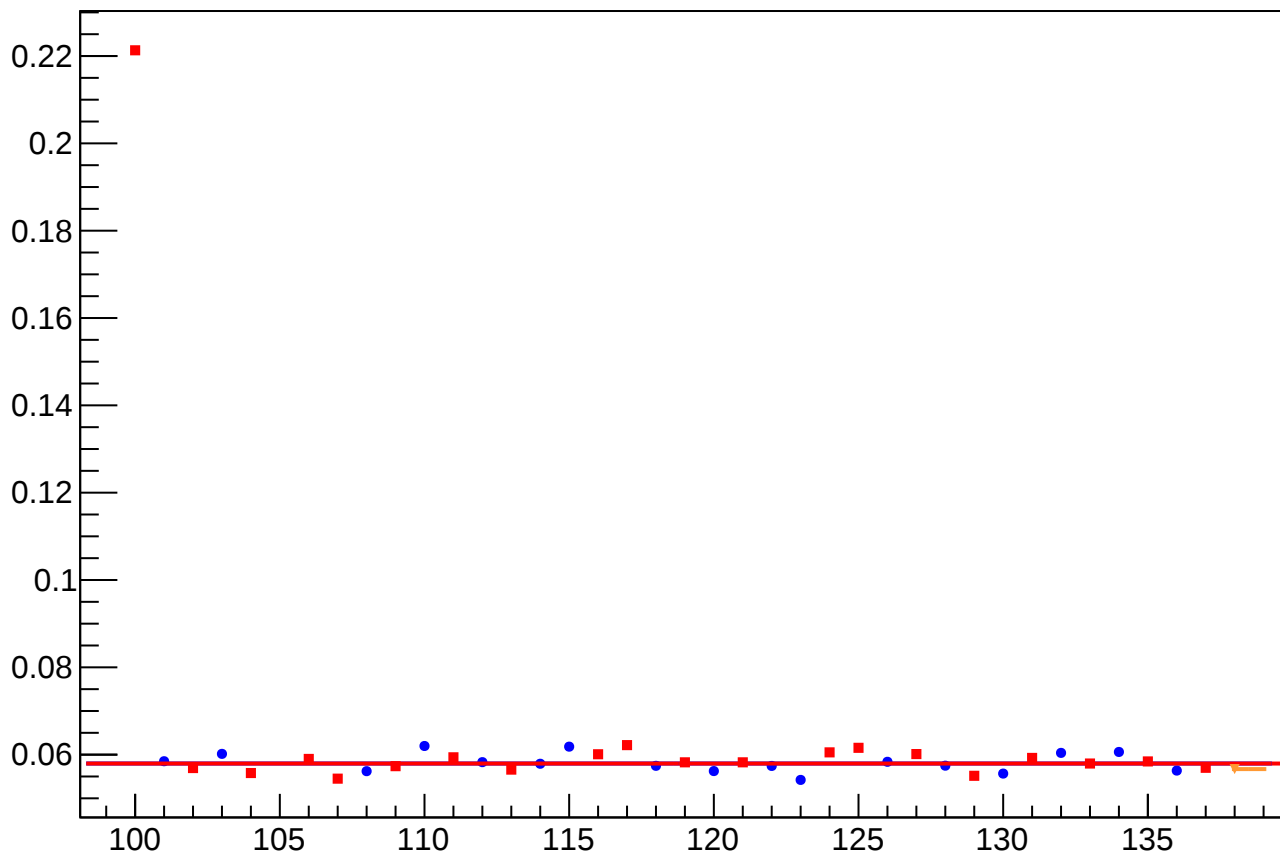
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-76.277+/-0.000 χ^2/NDF : 577176905029.3/17

-75.414+/-0.000 χ^2/NDF : 952627587220.0

-74.518+/-0.000 χ^2/NDF : 372210051226.2/19

yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.058+/-0.000 χ^2/NDF : 12275.6/16

Left Out: 0.057+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.058+/-0.000 χ^2/NDF : 86860.7/19

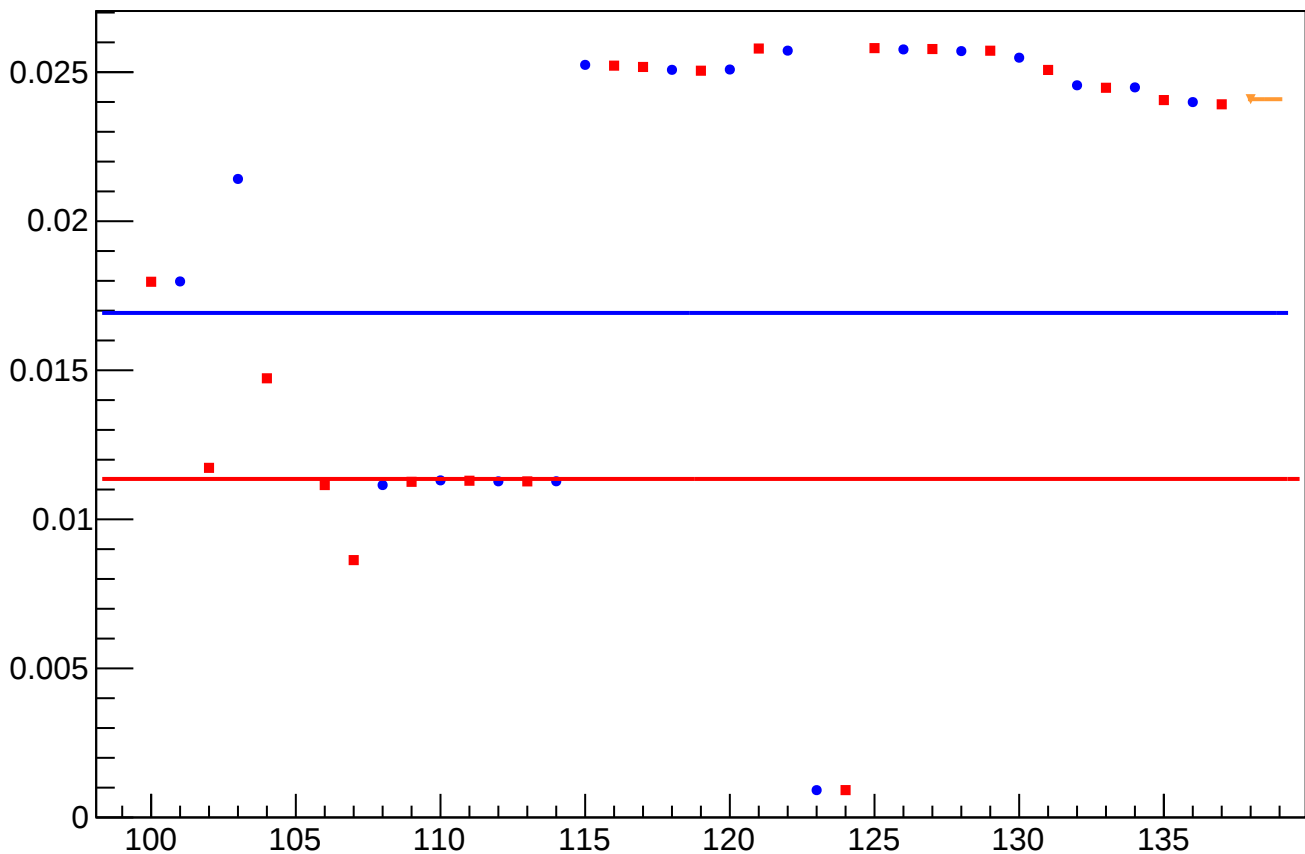
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.058+/-0.000 χ^2/NDF : 12921.4/17

0.058+/-0.000 χ^2/NDF : 99814.5/37

0.058+/-0.000 χ^2/NDF : 86860.7/19

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 126447785006.7/16

Left Out: 0.024+/-0.000 χ^2/NDF : 0.0/0

0.017+/-0.000 χ^2/NDF : 132124044799.9/17

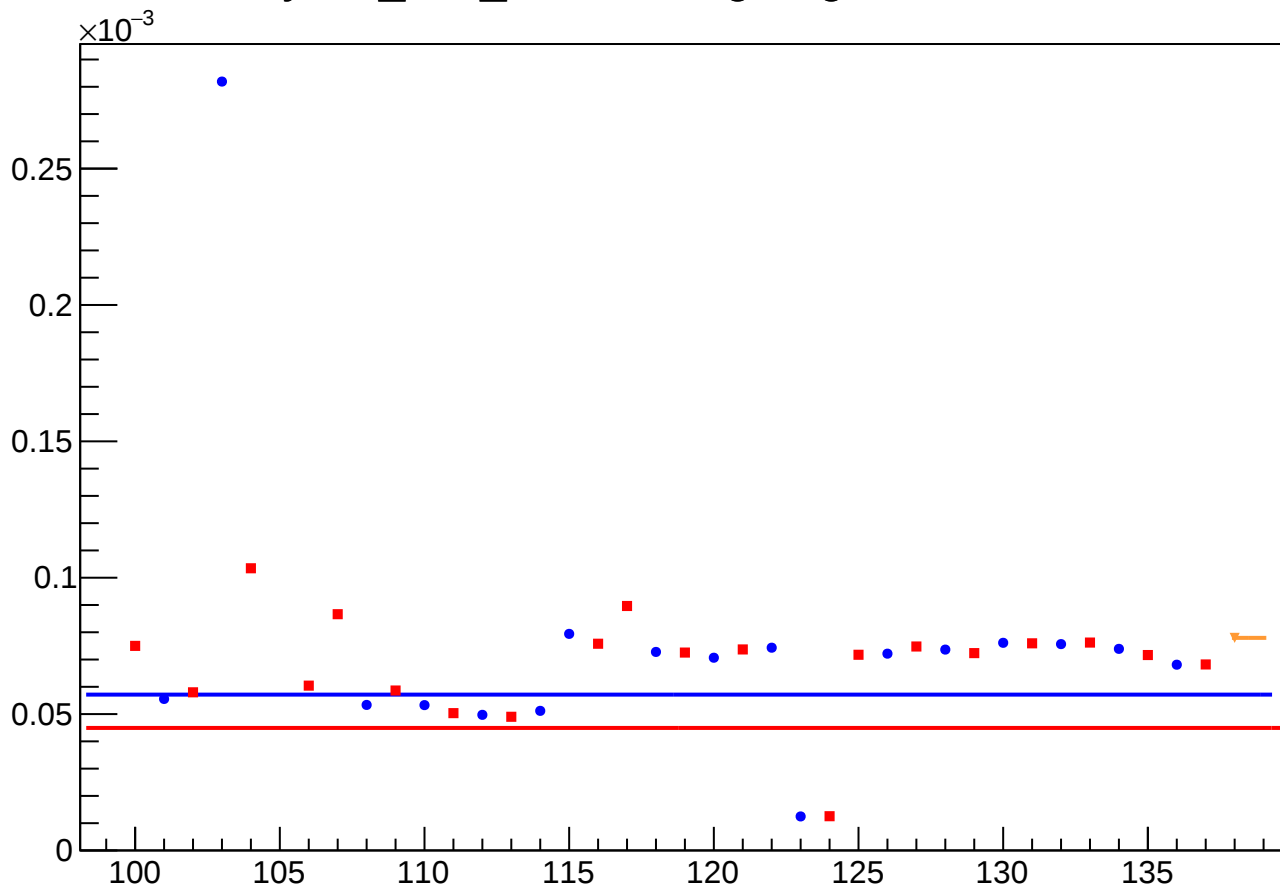
0.014+/-0.000 χ^2/NDF : 405359900797.7/17

Right Out: 0.011+/-0.000 χ^2/NDF : 235754579473.9/19

0.011+/-0.000 χ^2/NDF : 235754579473.9/19

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

yield_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2000446.9/16

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

Right Out: 0.000+/-0.000 χ^2/NDF : 3613155.3/19

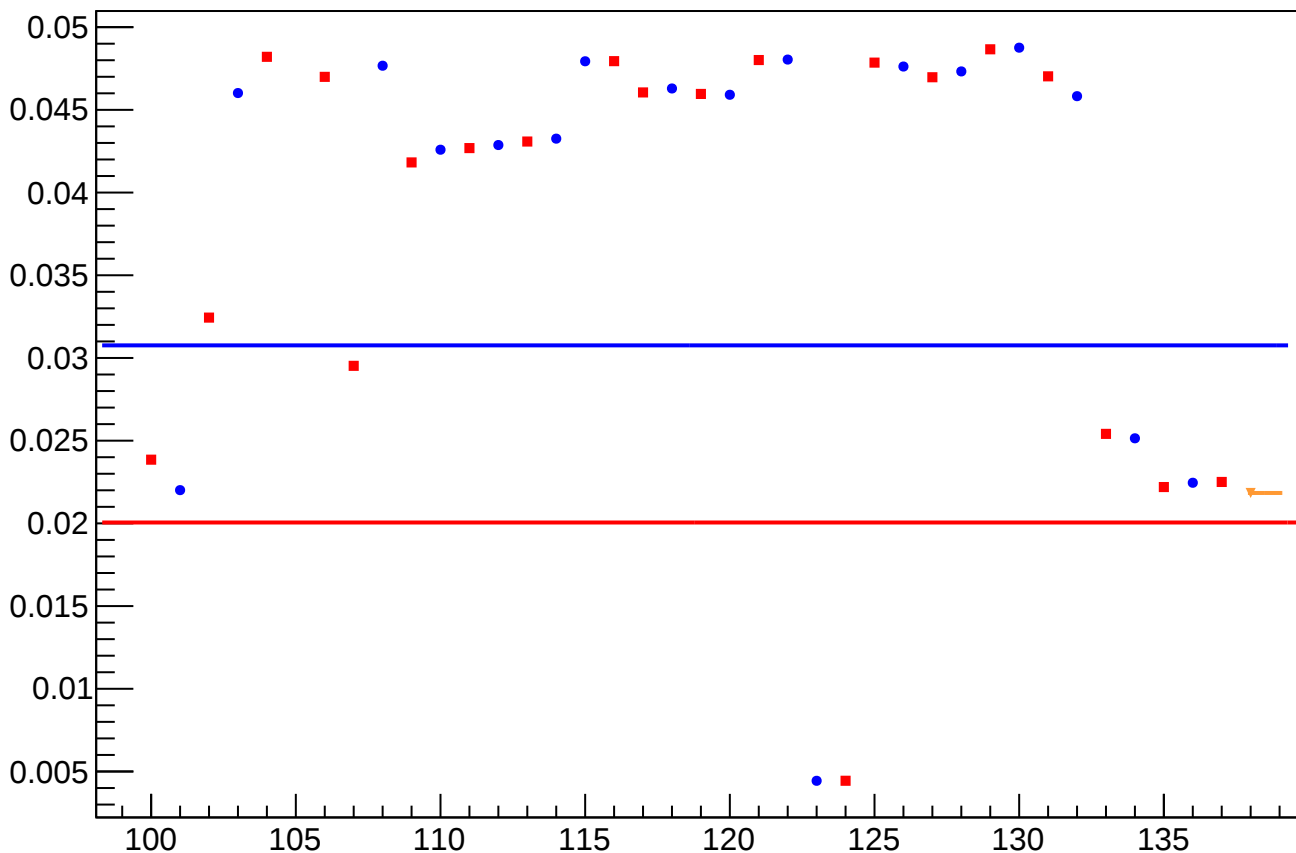
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 2096060.6/17

0.000+/-0.000 χ^2/NDF : 6088389.8/37

0.000+/-0.000 χ^2/NDF : 3613155.3/19

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.031+/-0.000 χ^2/NDF : 21174738549.0/16

Left Out: 0.022+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.000 χ^2/NDF : 40133684916.8/19

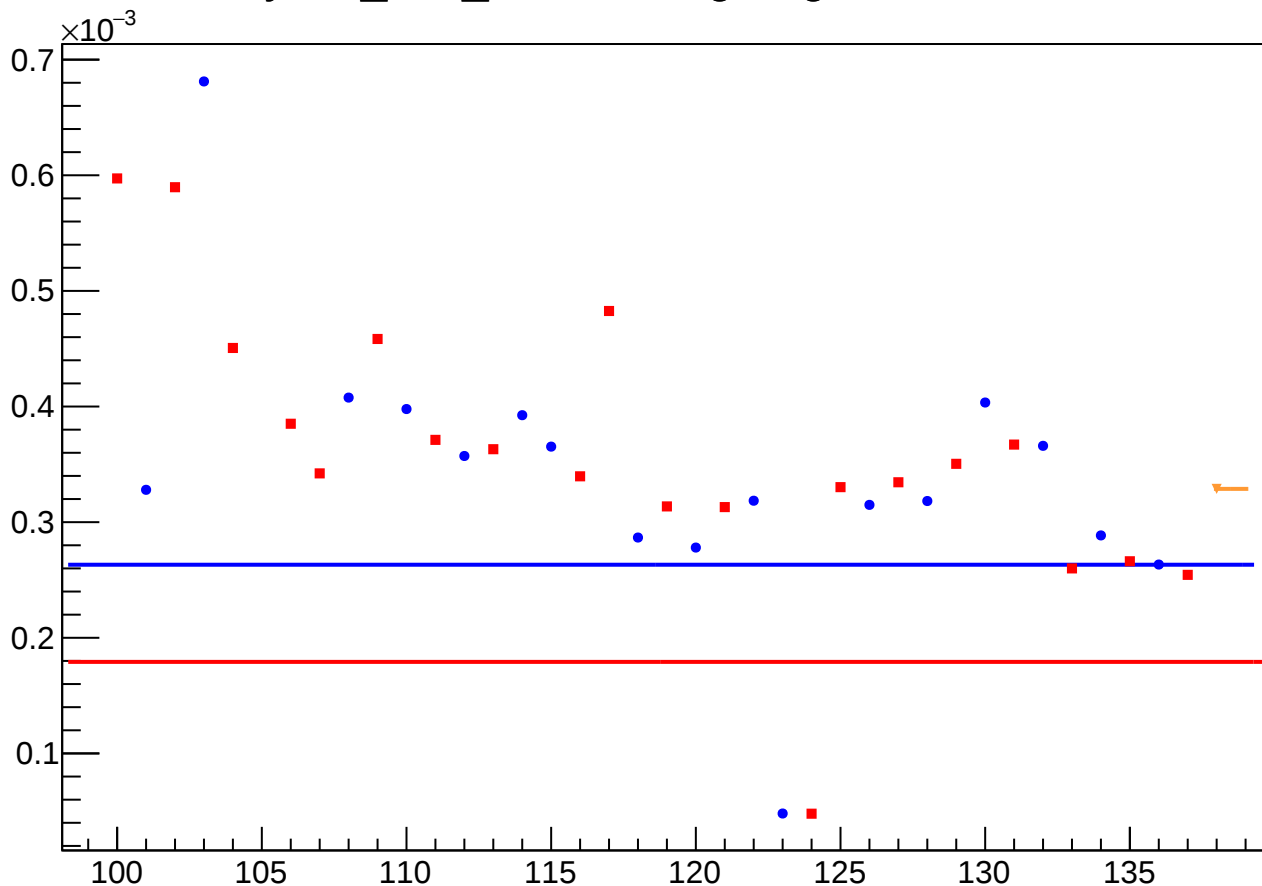
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.030+/-0.000 χ^2/NDF : 21612175152.5/17

0.024+/-0.000 χ^2/NDF : 66402776216.7/3

0.020+/-0.000 χ^2/NDF : 40133684916.8/19

yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2401048.9/16

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

Right Out: 0.000+/-0.000 χ^2/NDF : 5374355.8/19

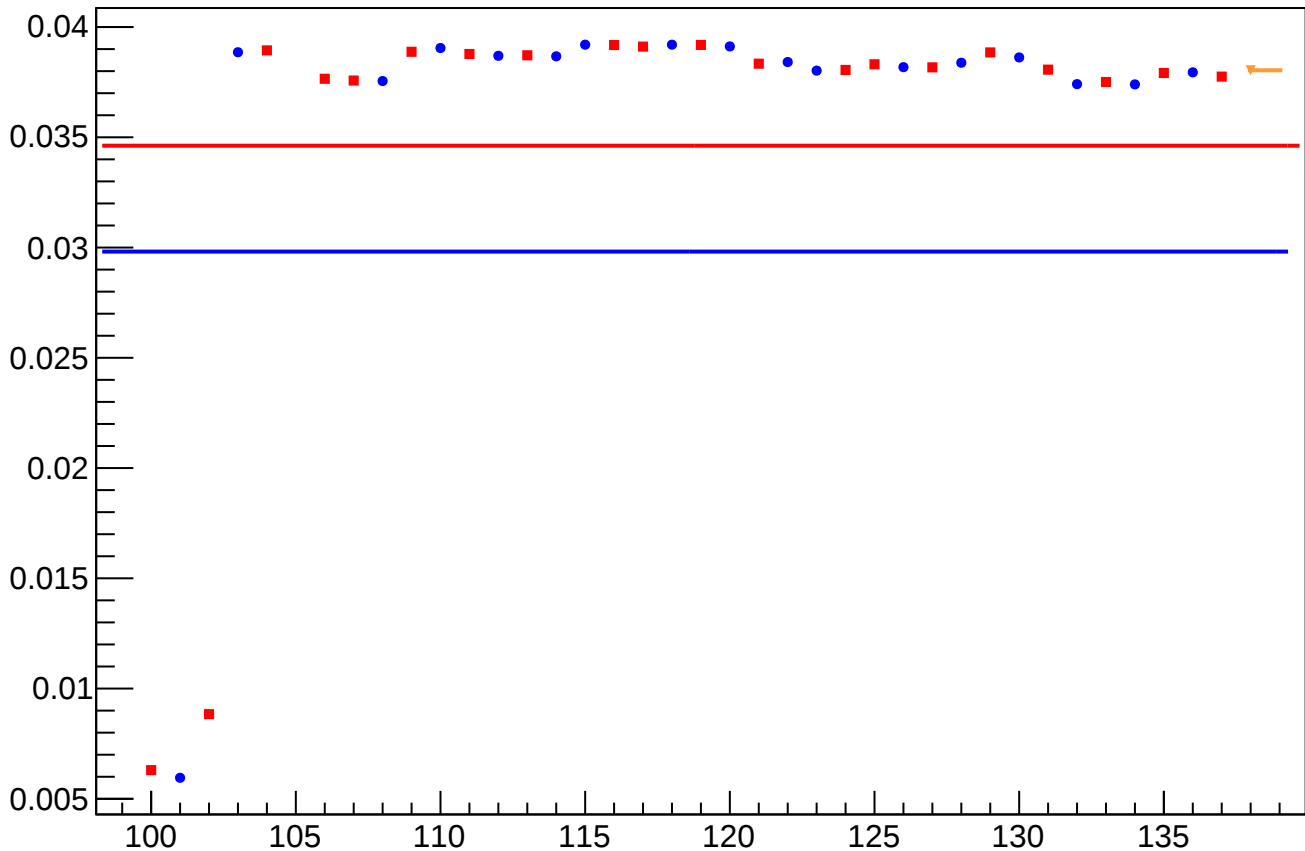
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 2448326.2/17

0.000+/-0.000 χ^2/NDF : 8559876.6/37

0.000+/-0.000 χ^2/NDF : 5374355.8/19

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.030+/-0.000 χ^2/NDF : 97152184939.3/16

Left Out: 0.038+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.035+/-0.000 χ^2/NDF : 43717644957.2/19

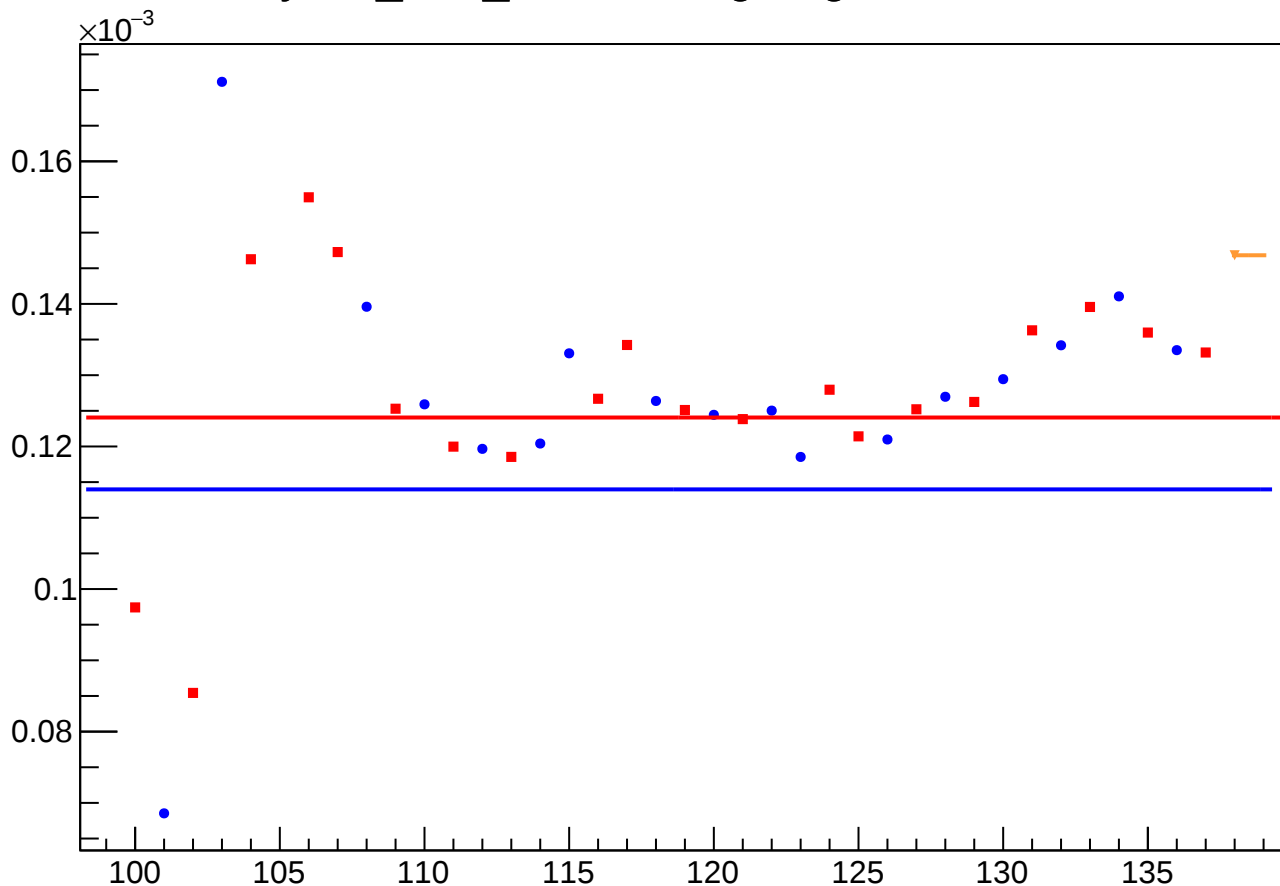
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.030+/-0.000 χ^2/NDF : 99240403724.3/17

0.032+/-0.000 χ^2/NDF : 147208721530.2/17

0.035+/-0.000 χ^2/NDF : 43717644957.2/19

yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 794542.9/16

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

Right Out: 0.000+/-0.000 χ^2/NDF : 245649.5/19

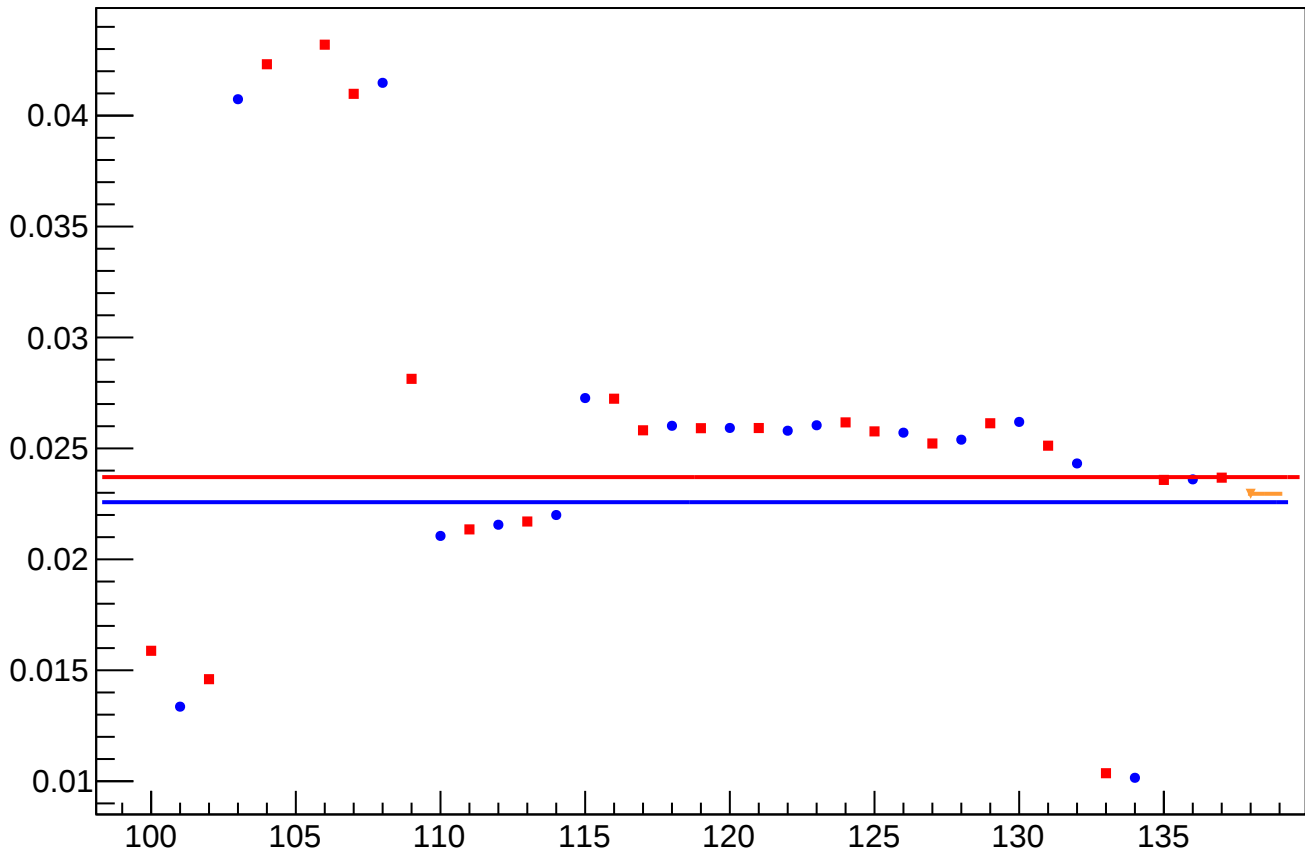
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 861172.1/17

0.000+/-0.000 χ^2/NDF : 1136262.4/37

0.000+/-0.000 χ^2/NDF : 245649.5/19

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 4247774712.9/16

Left Out: 0.023+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.024+/-0.000 χ^2/NDF : 5652505580.7/19

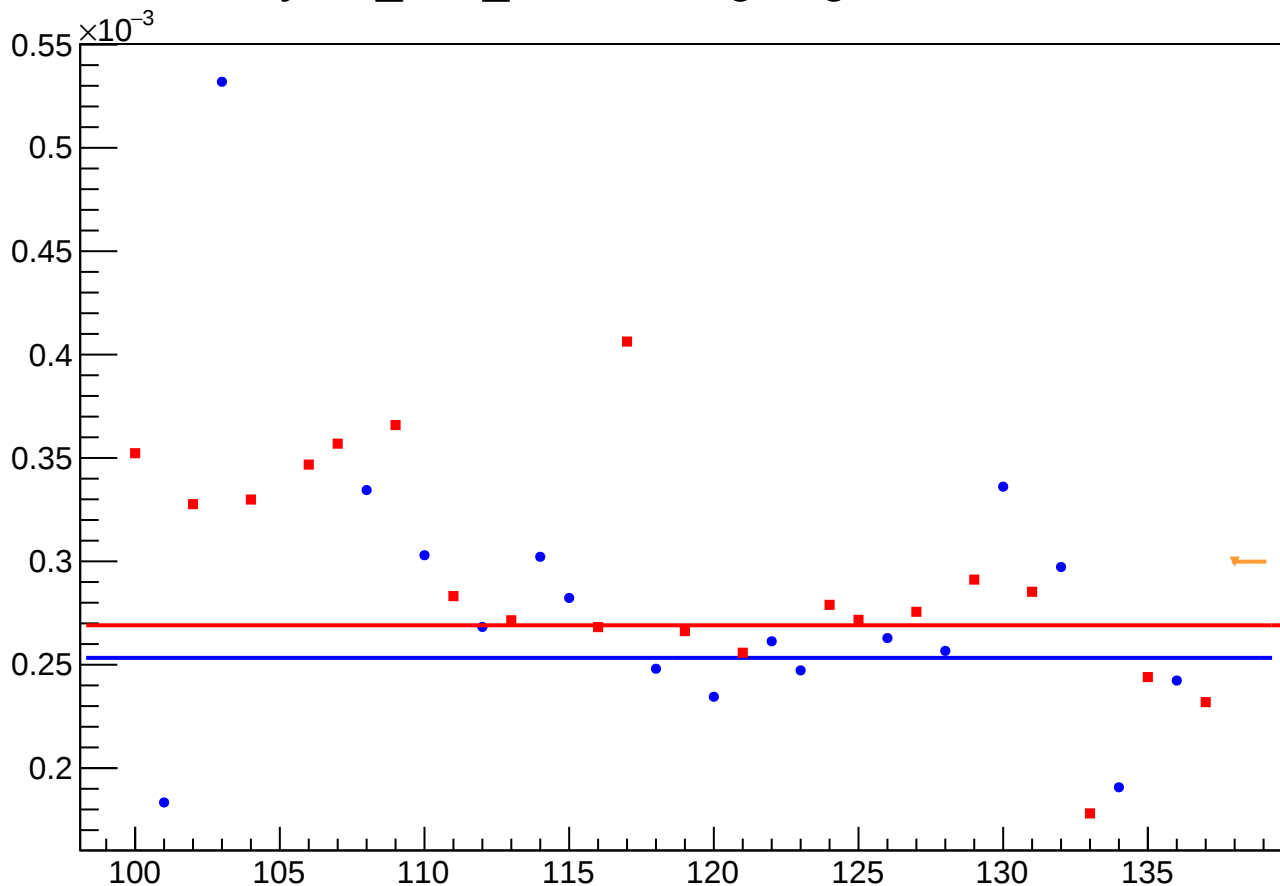
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.023+/-0.000 χ^2/NDF : 4248711941.9/17

0.023+/-0.000 χ^2/NDF : 9956561249.1/37

0.024+/-0.000 χ^2/NDF : 5652505580.7/19

yield_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 629159.2/16

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

Right Out: 0.000+/-0.000 χ^2/NDF : 437710.5/19

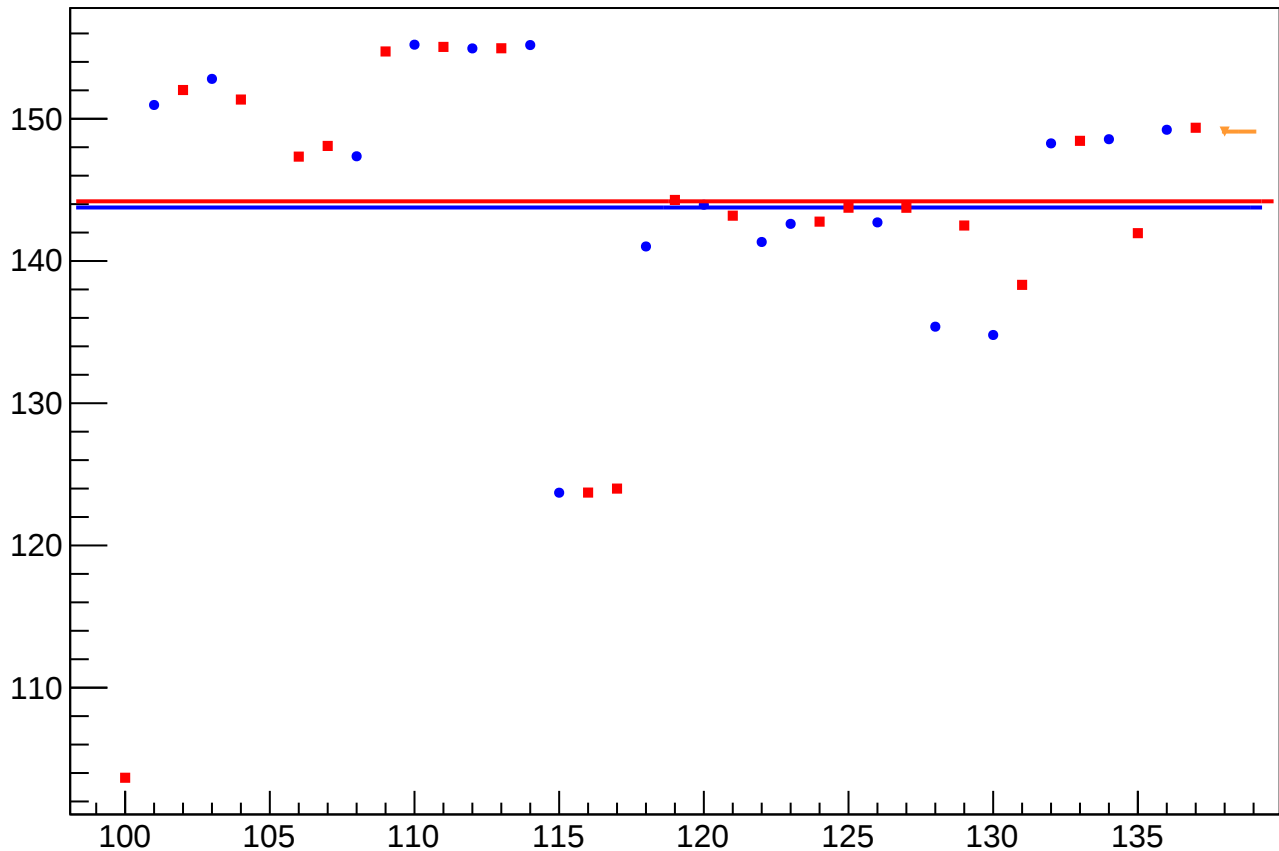
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 657464.5/17

0.000+/-0.000 χ^2/NDF : 1109121.3/37

0.000+/-0.000 χ^2/NDF : 437710.5/19

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 143.763+/-0.000 χ^2/NDF : 3534699505.1/16

Left Out: 149.101+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.197+/-0.000 χ^2/NDF : 4523139755.0/19

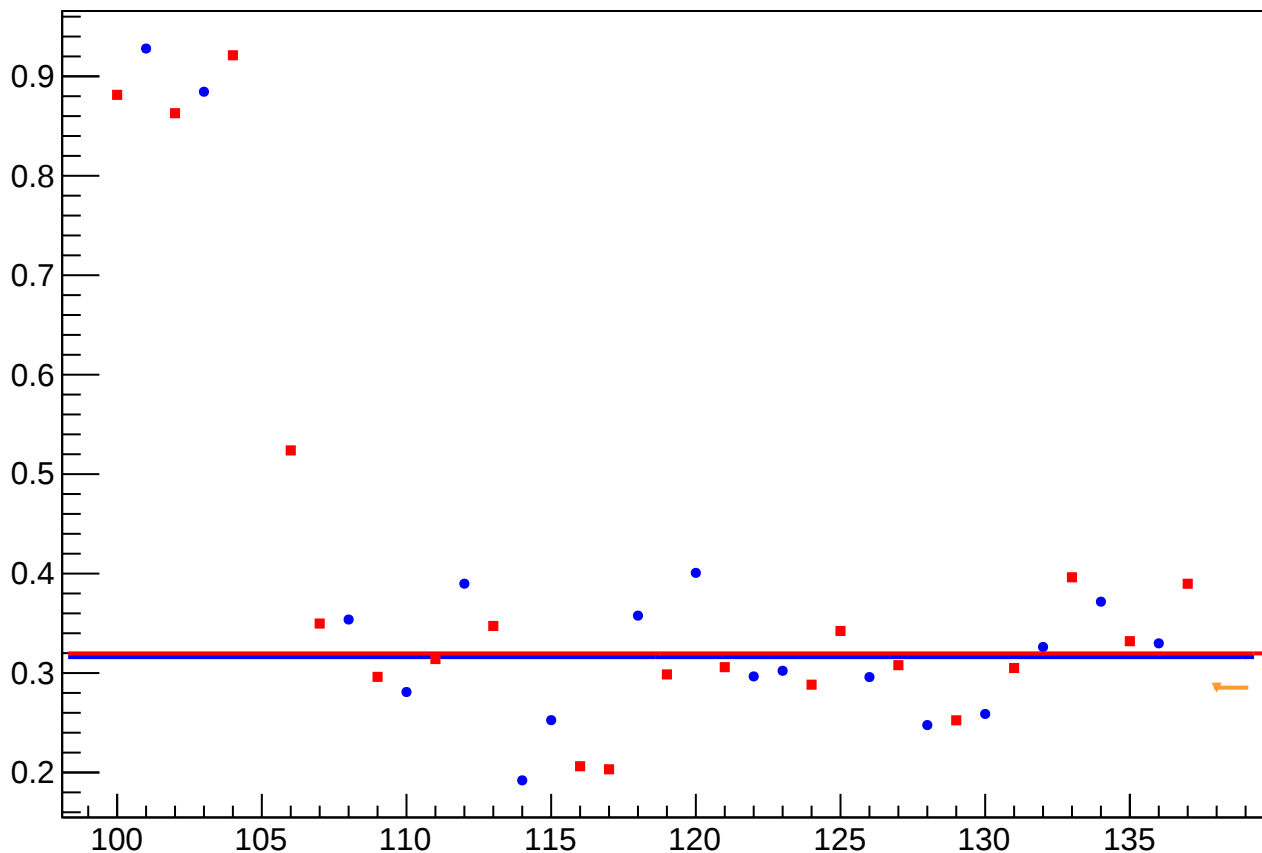
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

144.489+/-0.000 χ^2/NDF : 3750191626.8/17

144.351+/-0.000 χ^2/NDF : 8275917152.5/17

144.197+/-0.000 χ^2/NDF : 4523139755.0/19

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.316+/-0.000 χ^2/NDF : 1265921.5/16

Left Out: 0.285+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.320+/-0.000 χ^2/NDF : 1241752.3/19

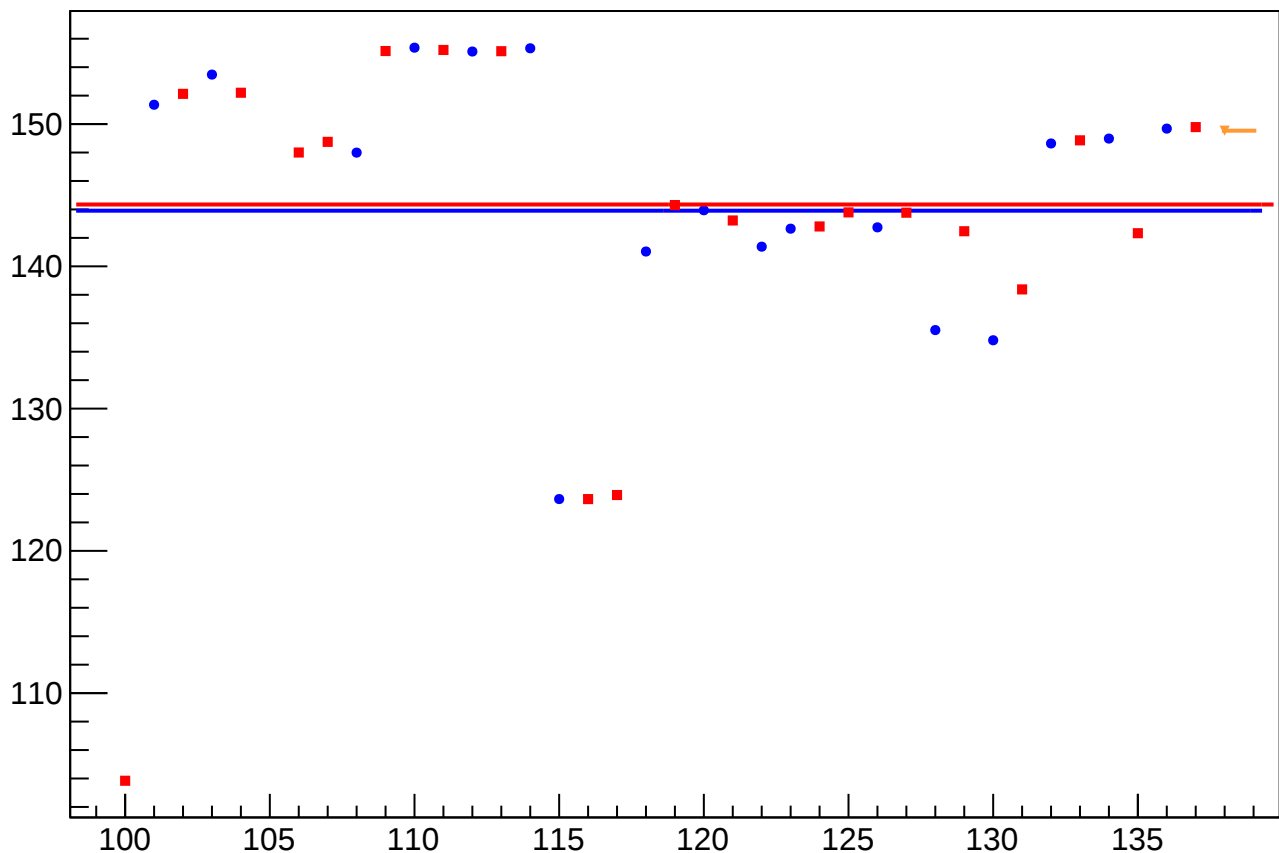
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.312+/-0.000 χ^2/NDF : 1280205.8/17

0.316+/-0.000 χ^2/NDF : 2525761.1/37

0.320+/-0.000 χ^2/NDF : 1241752.3/19

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 143.912+/-0.000 χ^2/NDF : 3587769790.2/16

Left Out: 149.535+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.347+/-0.000 χ^2/NDF : 4550581147.9/19

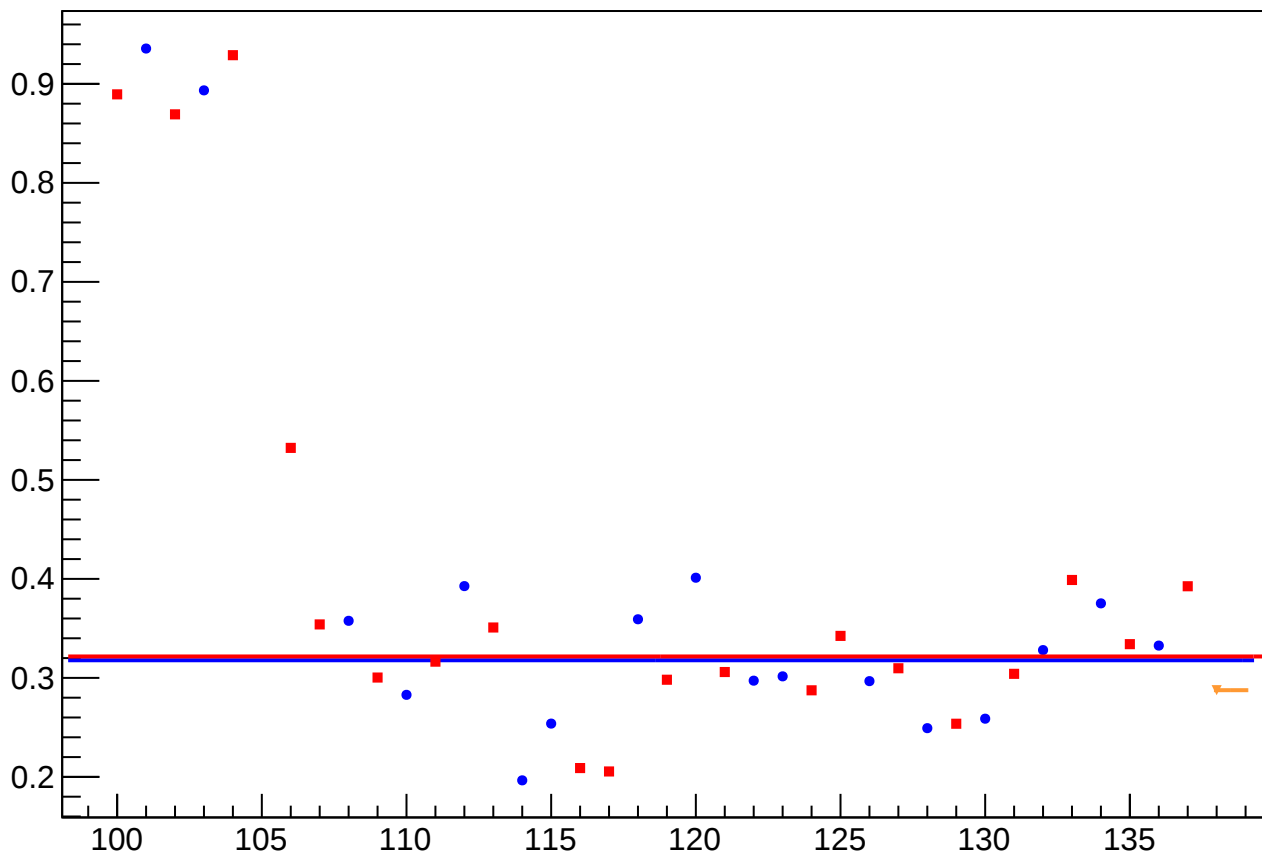
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

144.674+/-0.000 χ^2/NDF : 3823263391.5/17

144.519+/-0.000 χ^2/NDF : 8377053848.2/17

144.347+/-0.000 χ^2/NDF : 4550581147.9/19

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.318+/-0.000 χ^2/NDF : 1268257.9/16

Left Out: 0.288+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.322+/-0.000 χ^2/NDF : 1244304.0/19

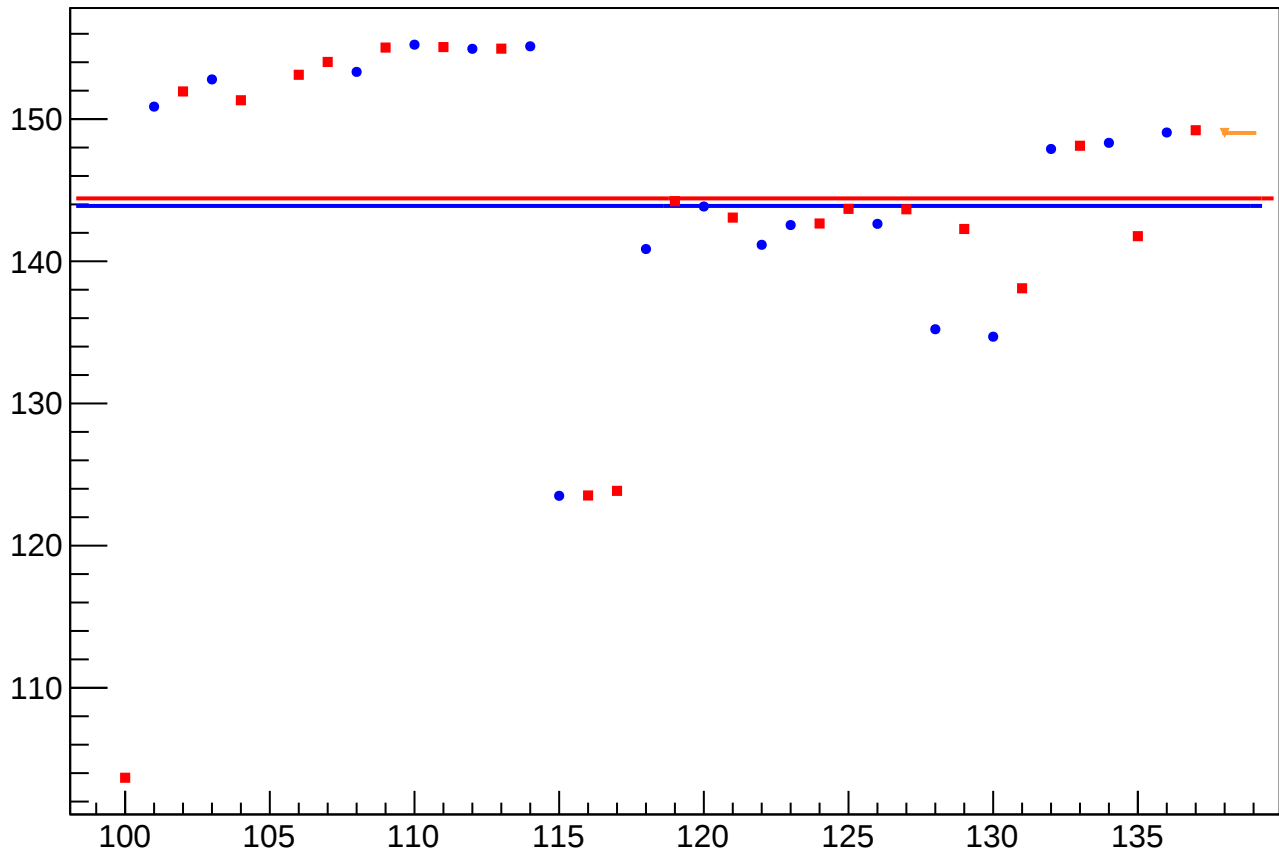
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.314+/-0.000 χ^2/NDF : 1281862.9/17

0.317+/-0.000 χ^2/NDF : 2529935.9/37

0.322+/-0.000 χ^2/NDF : 1244304.0/19

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 143.893+/-0.000 χ^2/NDF : 3752655677.2/16

Left Out: 149.026+/-0.000 χ^2/NDF : 0.0/0

144.589+/-0.000 χ^2/NDF : 3950085862.8/17

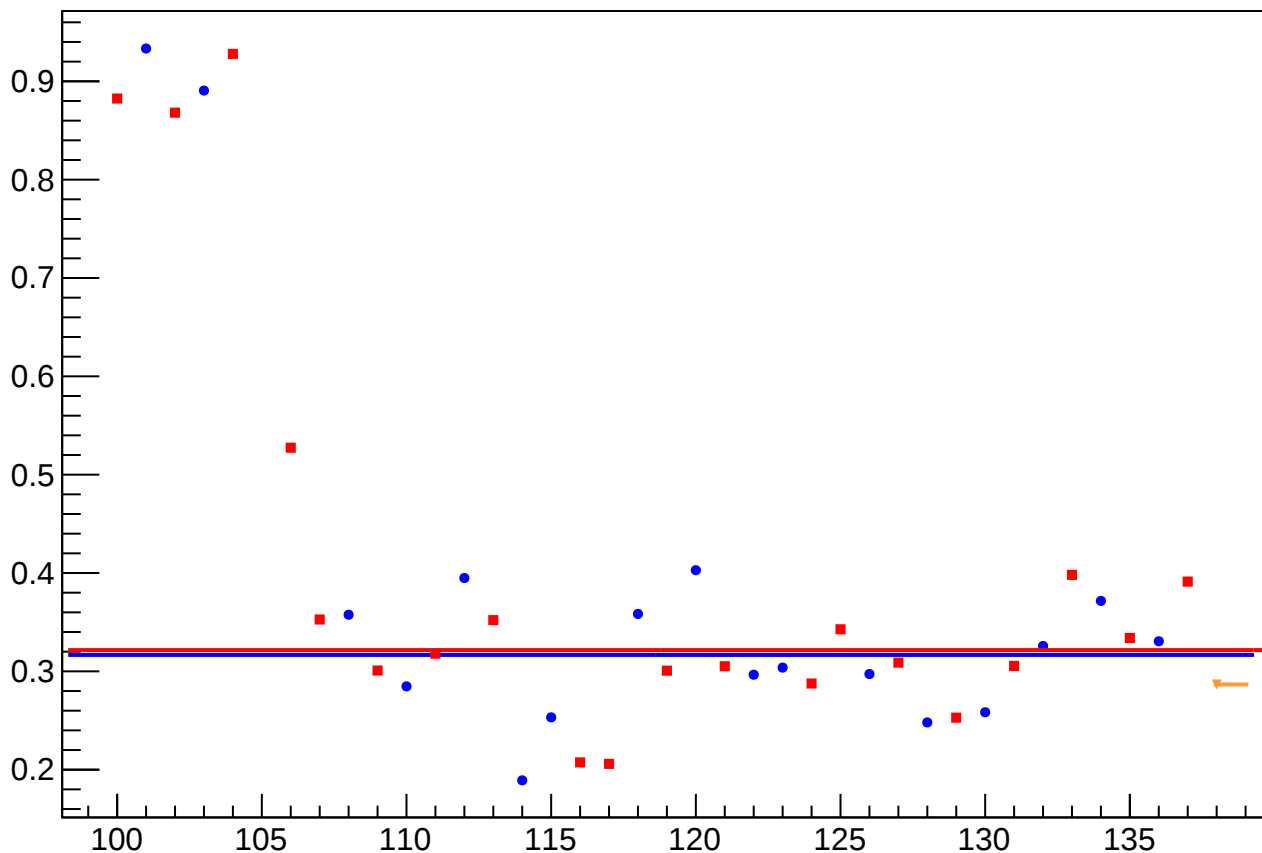
Right Out: 144.423+/-0.000 χ^2/NDF : 4819194675.6/19

144.511+/-0.000 χ^2/NDF : 8770111577.2/17

144.423+/-0.000 χ^2/NDF : 4819194675.6/19

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

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.317+/-0.000 χ^2/NDF : 1280358.6/16

Left Out: 0.287+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.322+/-0.000 χ^2/NDF : 1244671.1/19

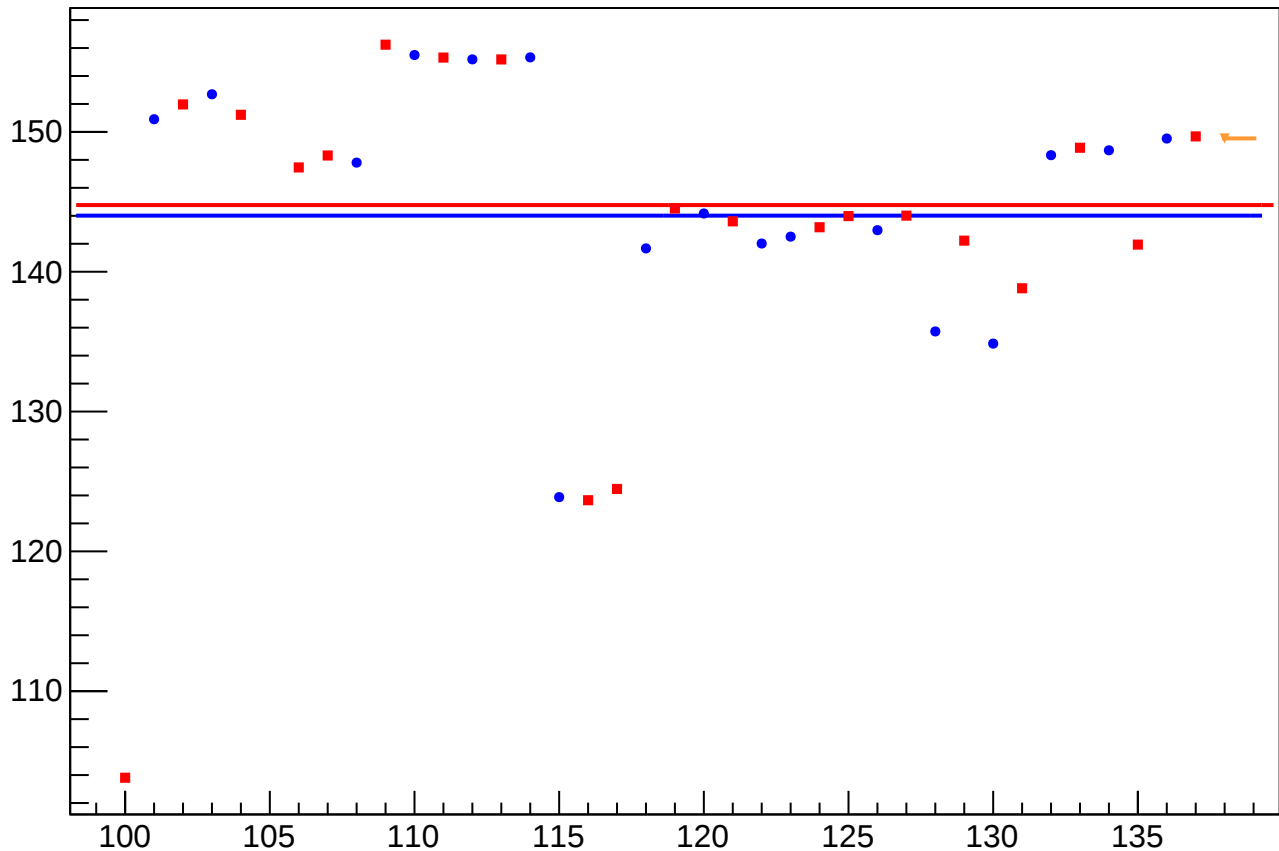
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.313+/-0.000 χ^2/NDF : 1293915.2/17

0.317+/-0.000 χ^2/NDF : 2543466.4/37

0.322+/-0.000 χ^2/NDF : 1244671.1/19

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 144.012 $\pm$ 0.000 χ^2 /NDF: 3241696920.3/16

Left Out: 149.536 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 144.767 $\pm$ 0.000 χ^2 /NDF: 4097482970.1/19

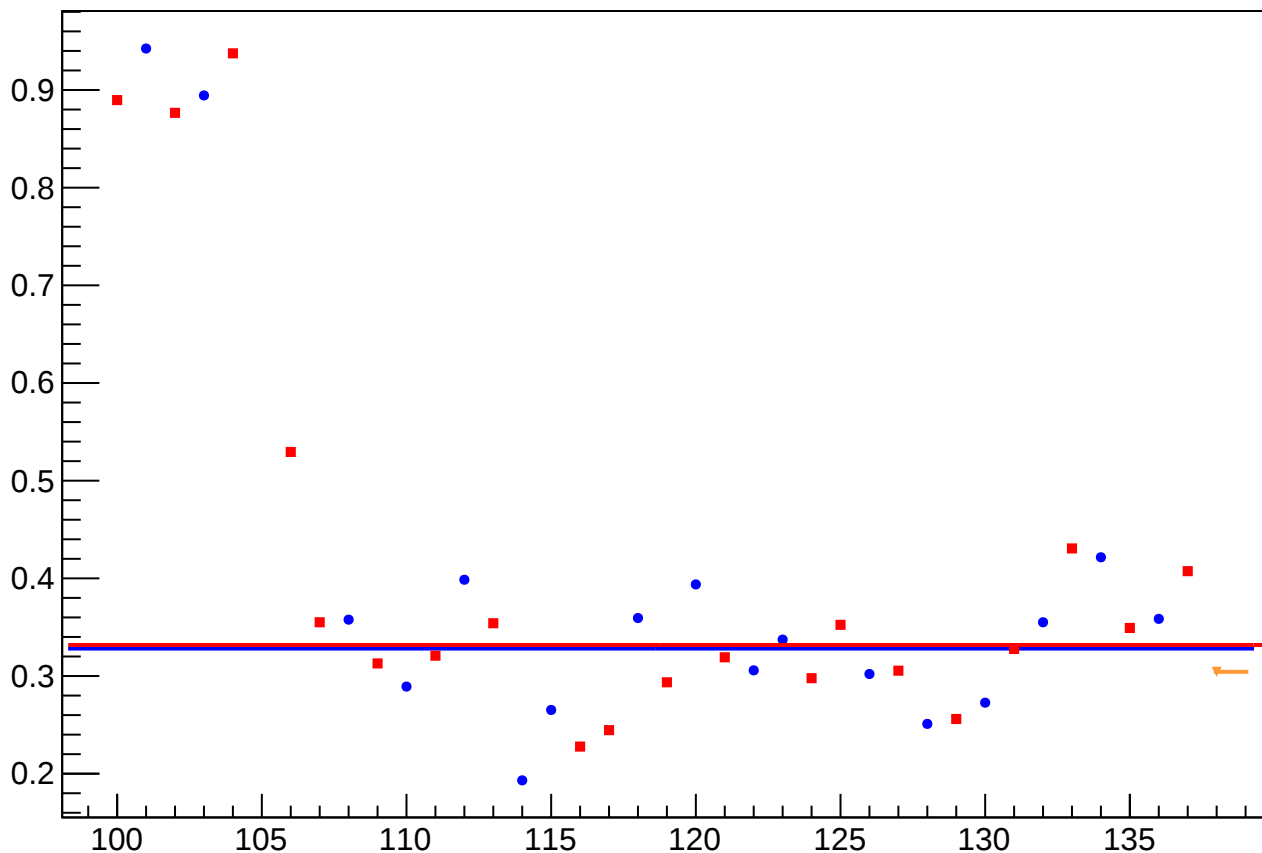
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

144.723 $\pm$ 0.000 χ^2 /NDF: 3443218787.6/17

144.744 $\pm$ 0.000 χ^2 /NDF: 7540756665.3/19

144.767 $\pm$ 0.000 χ^2 /NDF: 4097482970.1/19

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.328+/-0.000 χ^2/NDF : 1265892.9/16

Left Out: 0.304+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.332+/-0.000 χ^2/NDF : 1194167.8/19

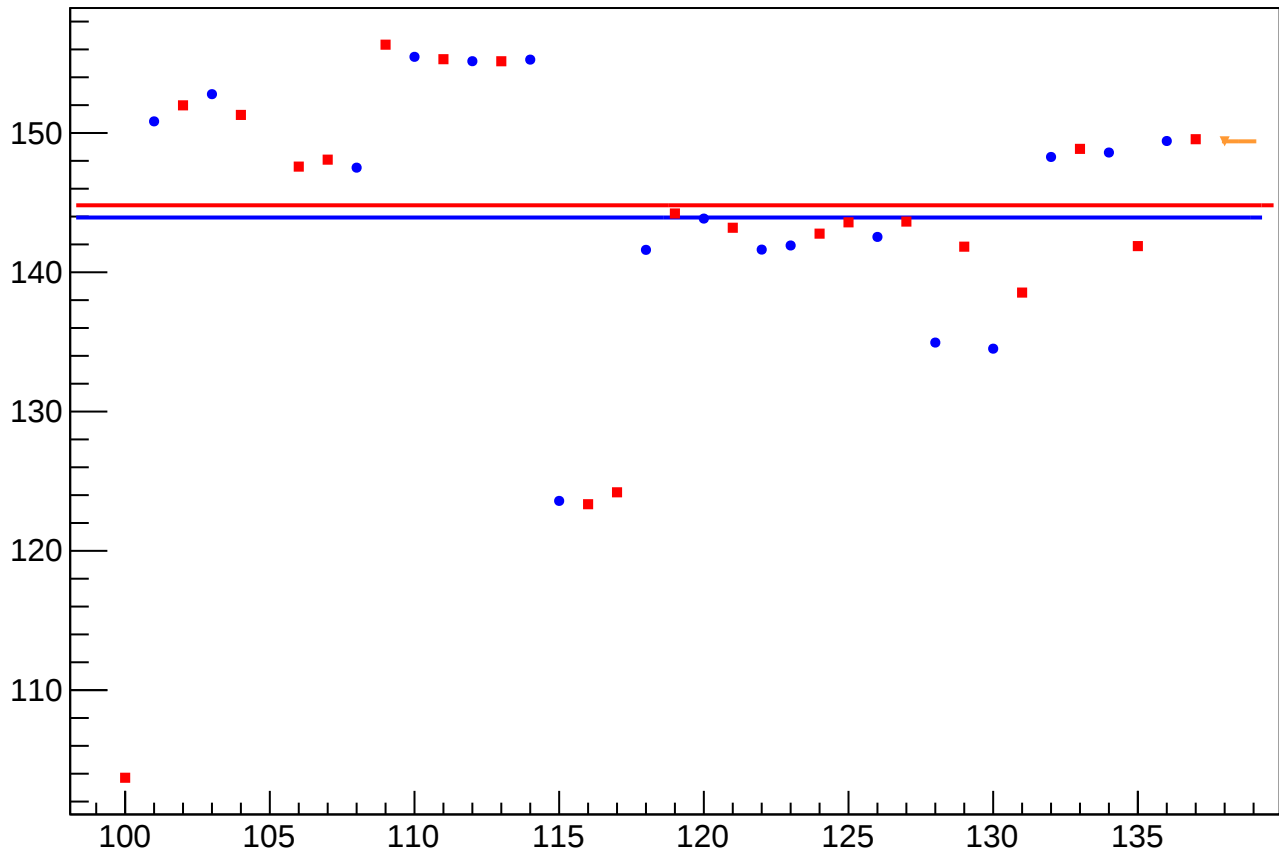
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.325+/-0.000 χ^2/NDF : 1273392.4/17

0.328+/-0.000 χ^2/NDF : 2470097.8/37

0.332+/-0.000 χ^2/NDF : 1194167.8/19

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 143.932+/-0.000 χ^2/NDF : 3383012861.2/16

Left Out: 149.401+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.809+/-0.000 χ^2/NDF : 4138041955.6/19

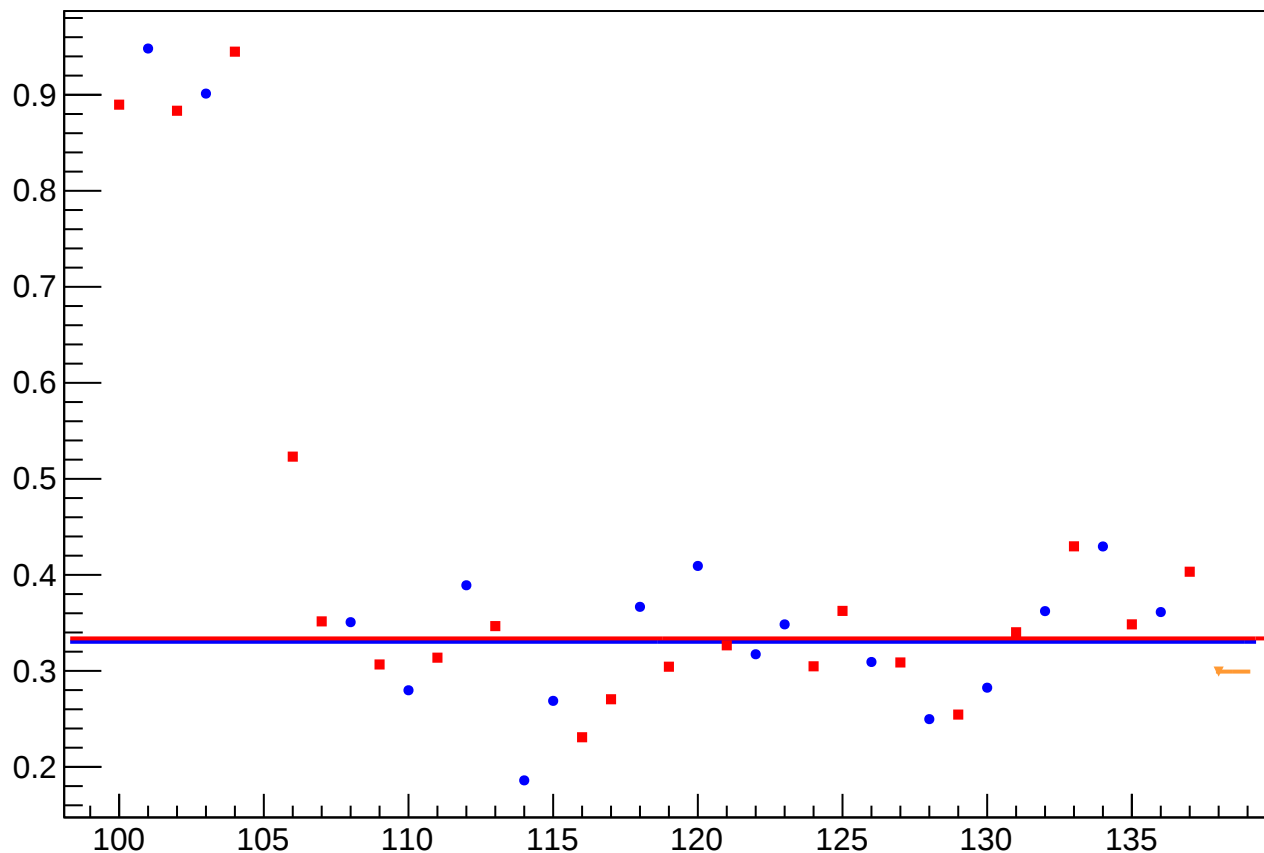
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

144.664+/-0.000 χ^2/NDF : 3584886468.5/17

144.733+/-0.000 χ^2/NDF : 7723509126.3/17

144.809+/-0.000 χ^2/NDF : 4138041955.6/19

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.330+/-0.000 χ^2/NDF : 1283955.7/16

Left Out: 0.299+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.334+/-0.000 χ^2/NDF : 1177889.1/19

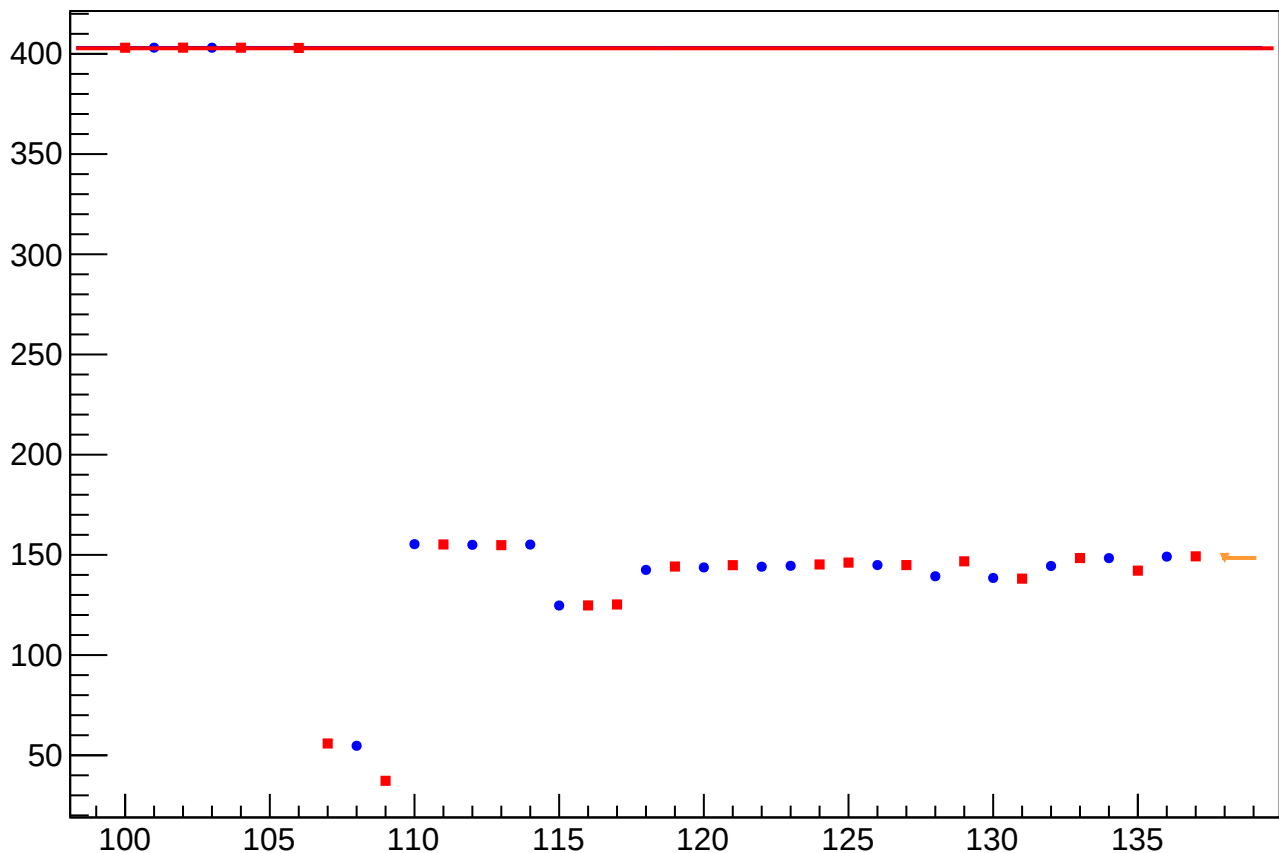
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.326+/-0.000 χ^2/NDF : 1296967.1/17

0.330+/-0.000 χ^2/NDF : 2478091.8/37

0.334+/-0.000 χ^2/NDF : 1177889.1/19

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 402.958+/-0.000 χ^2/NDF : 1094364588383.4/16

Left Out: 148.463+/-0.001 χ^2/NDF : 0.0/0

Right Out: 402.797+/-0.000 χ^2/NDF : 3120897866993.6/19

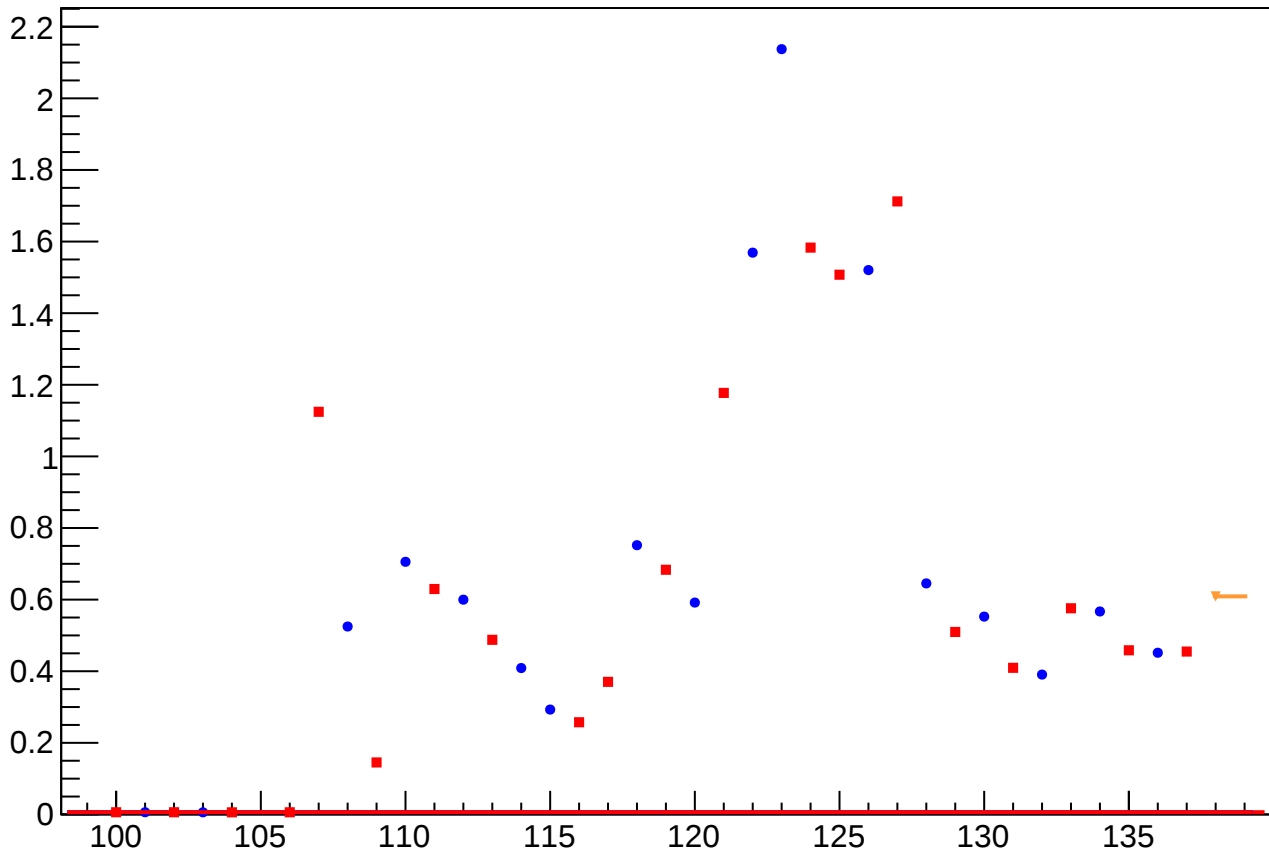
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

402.944+/-0.000 χ^2/NDF : 1200964219819.6/17

402.866+/-0.000 χ^2/NDF : 432222089343

402.797+/-0.000 χ^2/NDF : 3120897866993.6/19

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 9079322.7/16

Left Out: 0.609+/-0.001 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 9258244.0/19

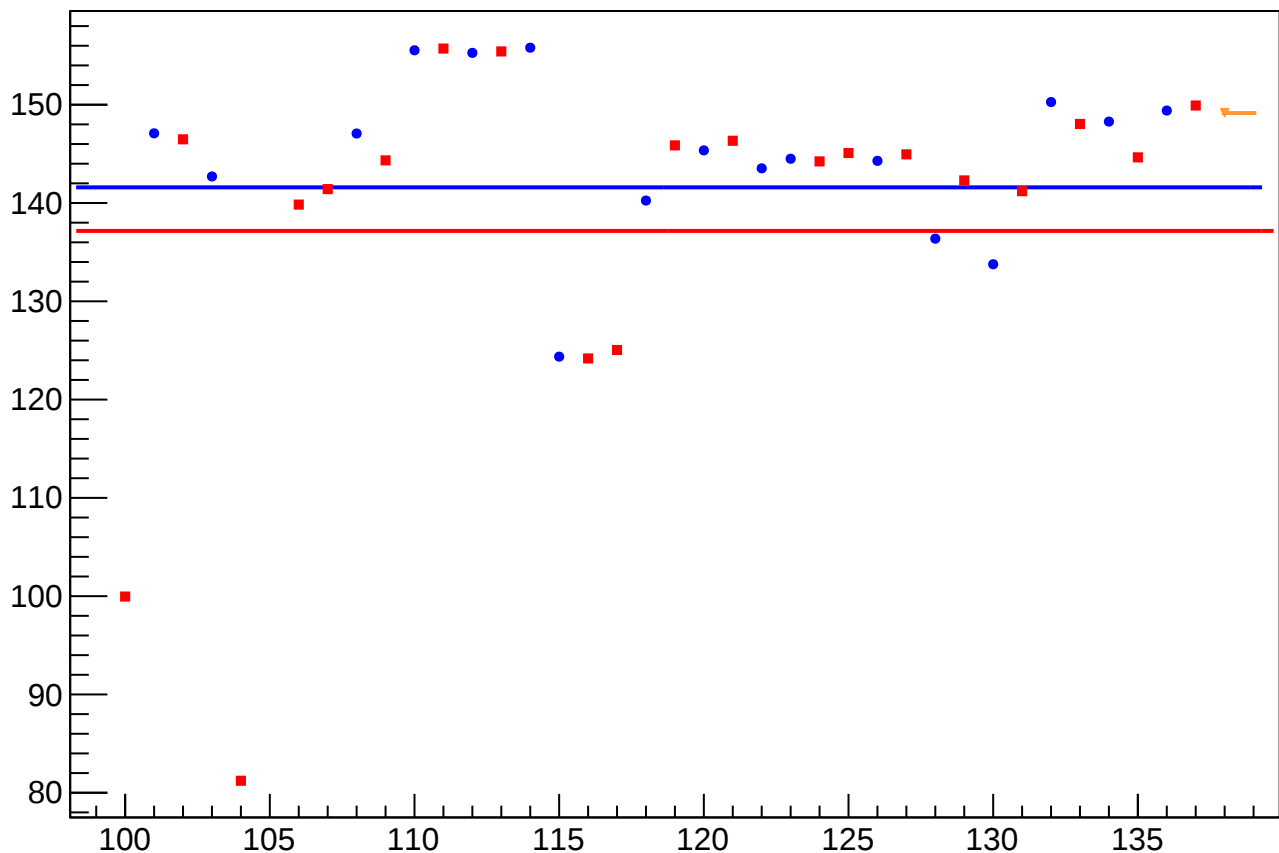
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 10275173.1/17

0.006+/-0.000 χ^2/NDF : 19533469.1/37

0.006+/-0.000 χ^2/NDF : 9258244.0/19

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 141.593+/-0.000 χ^2/NDF : 980101868.2/16

Left Out: 149.155+/-0.001 χ^2/NDF : 0.0/0

Right Out: 137.162+/-0.000 χ^2/NDF : 1366089515.6/19

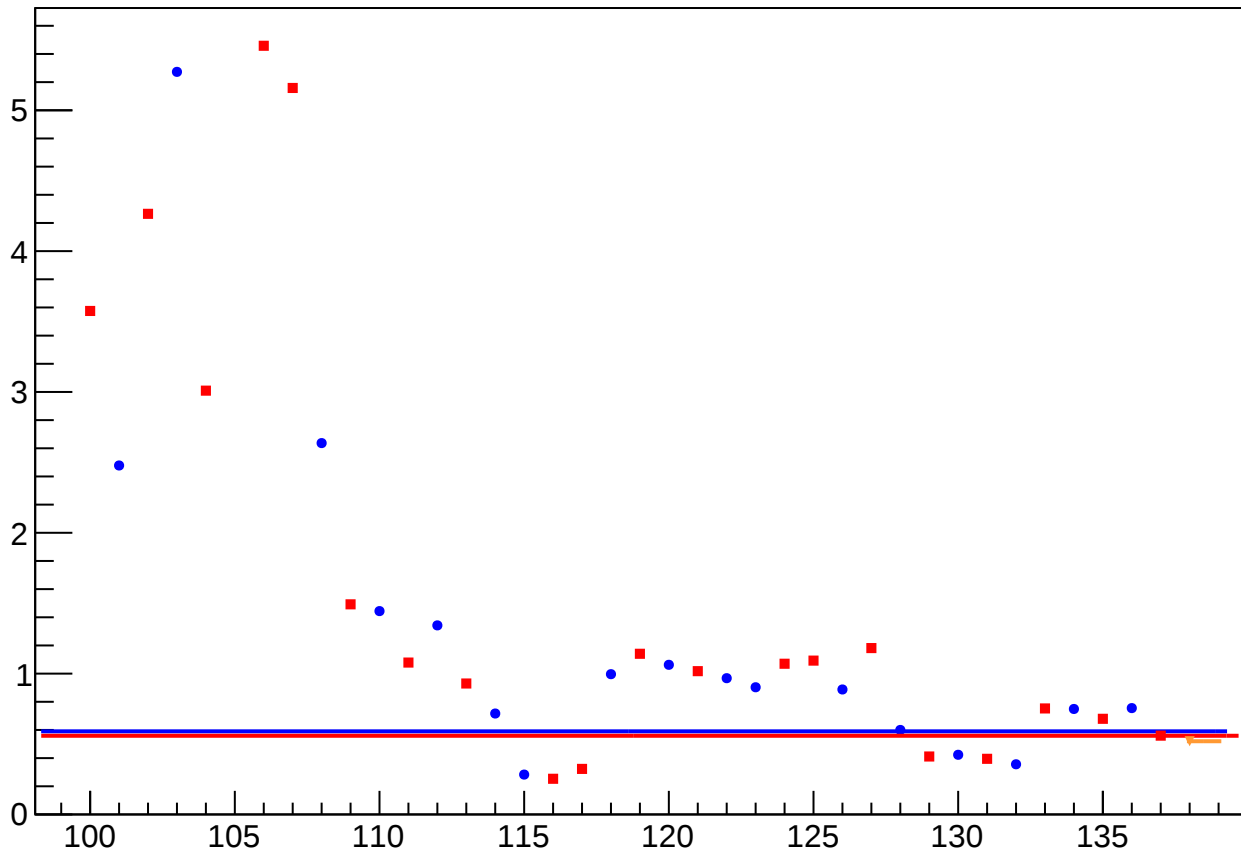
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

142.528+/-0.000 χ^2/NDF : 1051447469.6/17

139.912+/-0.000 χ^2/NDF : 2579149030.0/19

137.162+/-0.000 χ^2/NDF : 1366089515.6/19

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.590 $\pm$ 0.000 χ^2 /NDF: 3491995.1/16

Left Out: 0.520 $\pm$ 0.001 χ^2 /NDF: 0.0/0

Right Out: 0.559 $\pm$ 0.000 χ^2 /NDF: 4721291.1/19

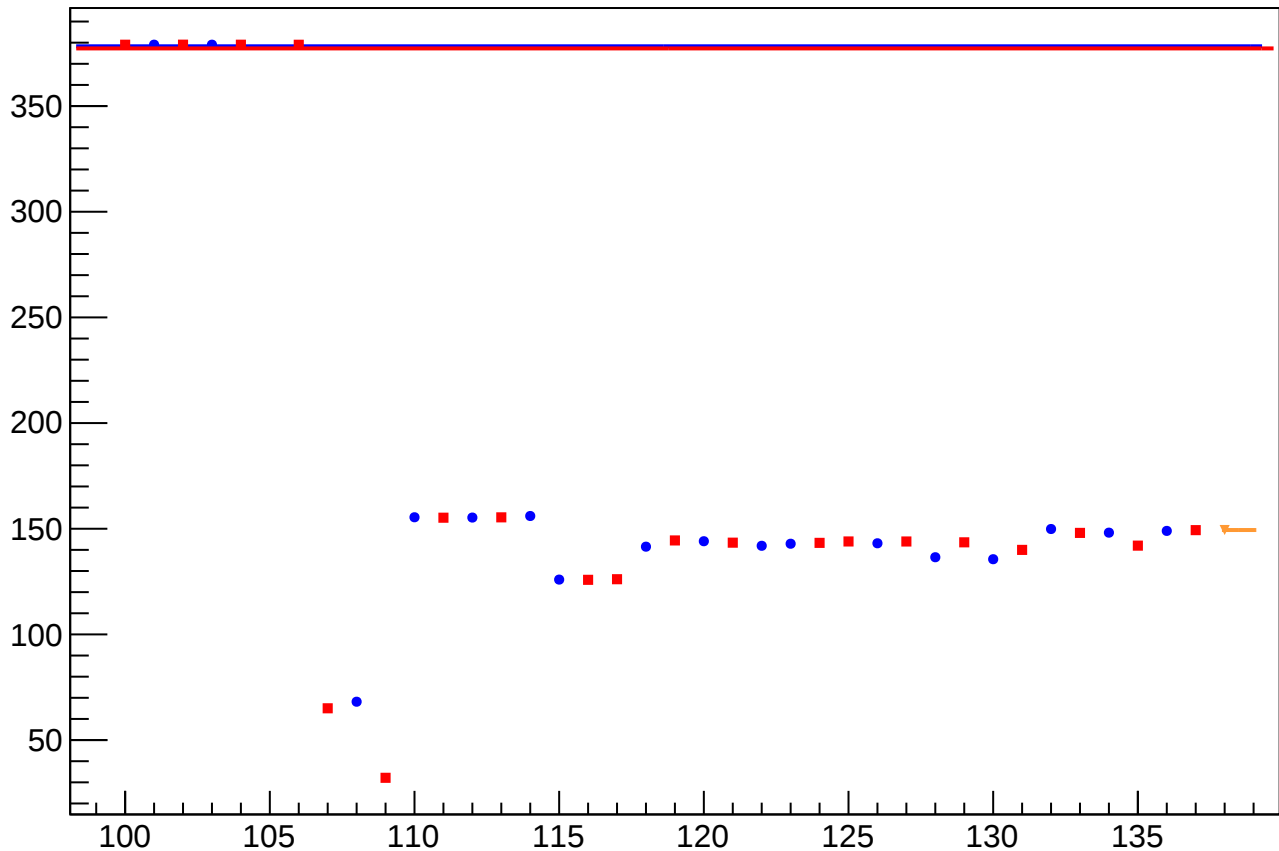
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.582 $\pm$ 0.000 χ^2 /NDF: 3504346.2/17

0.570 $\pm$ 0.000 χ^2 /NDF: 8231478.2/37

0.559 $\pm$ 0.000 χ^2 /NDF: 4721291.1/19

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 378.283+/-0.000 χ^2/NDF : 2508313421453.8/16

Left Out: 149.394+/-0.000 χ^2/NDF : 0.0/0

Right Out: 377.280+/-0.000 χ^2/NDF : 8313240281527.9/19

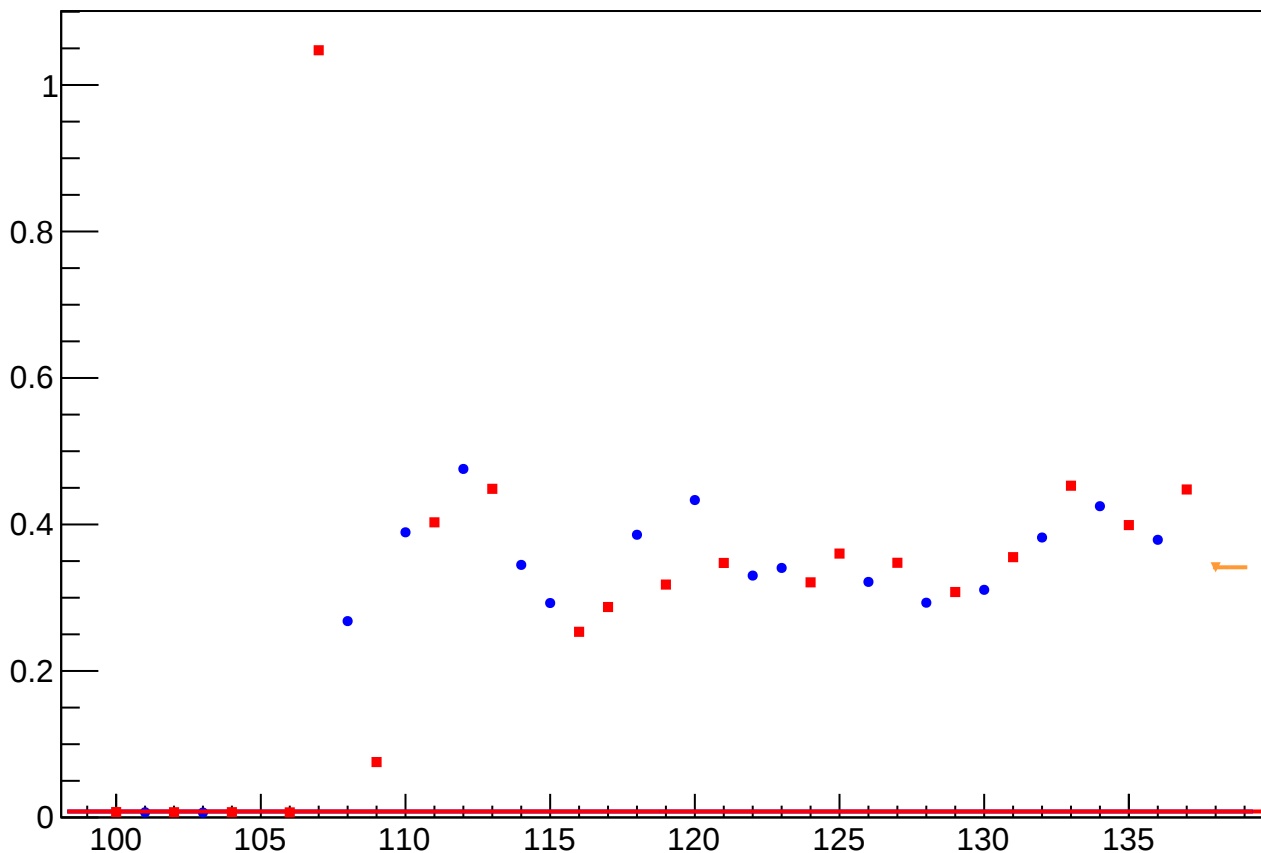
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

378.177+/-0.000 χ^2/NDF : 2831605834930.7/17

377.699+/-0.000 χ^2/NDF : 111505496422

377.280+/-0.000 χ^2/NDF : 8313240281527.9/19

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 9806719.4/16

Left Out: 0.342+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 9589375.6/19

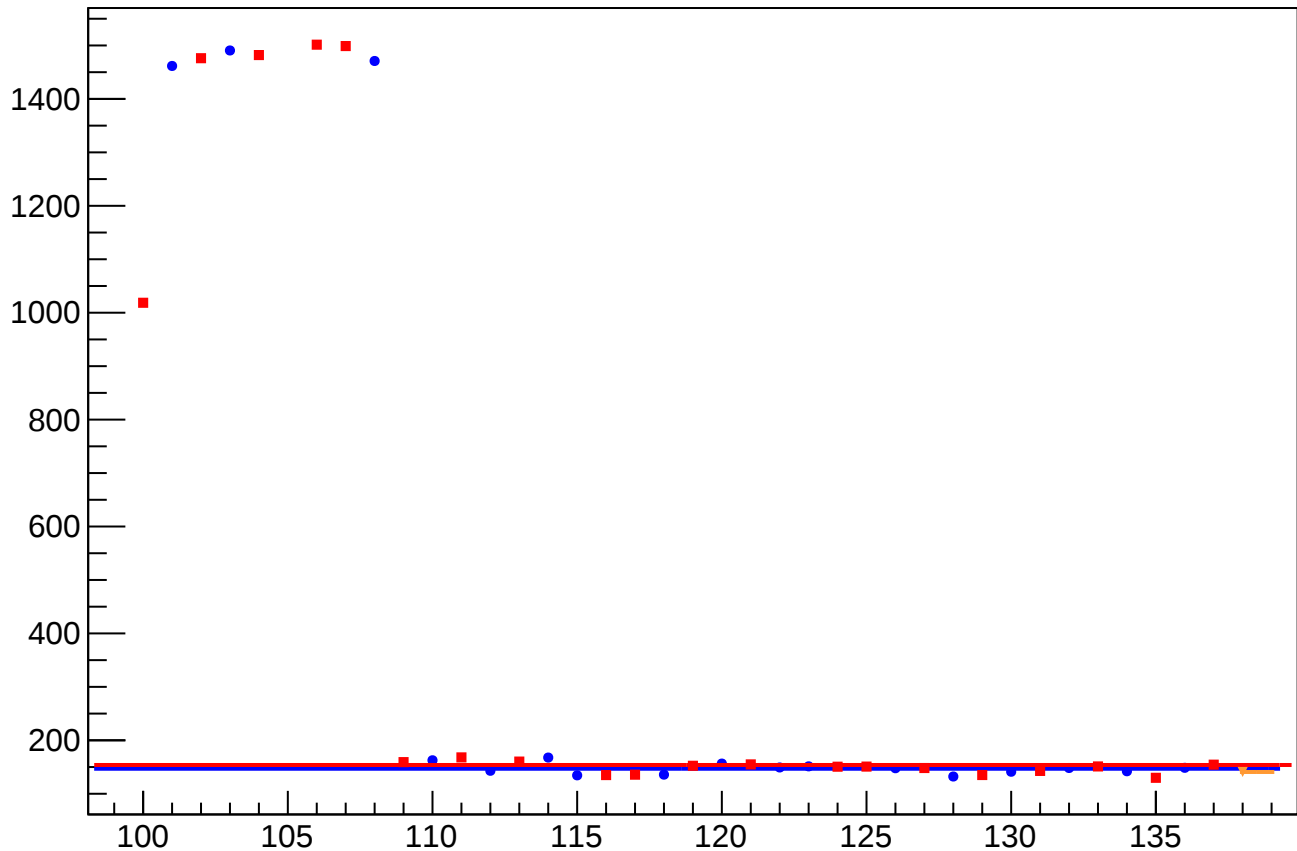
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 11178675.2/17

0.008+/-0.000 χ^2/NDF : 20768260.6/37

0.008+/-0.000 χ^2/NDF : 9589375.6/19

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 146.819+/-0.000 χ^2/NDF : 24360774977.7/16

Left Out: 140.764+/-0.001 χ^2/NDF : 0.0/0

Right Out: 153.832+/-0.000 χ^2/NDF : 33744235949.2/19

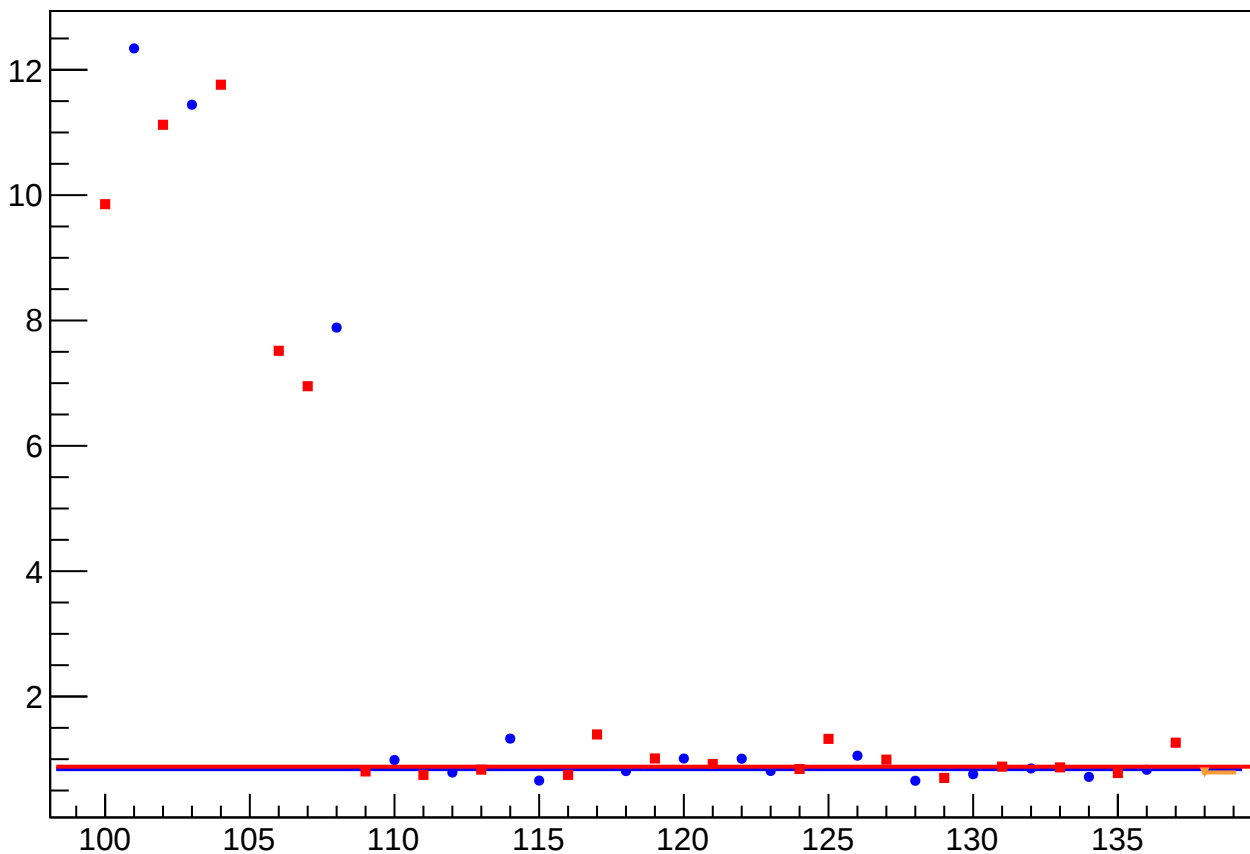
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

146.068+/-0.000 χ^2/NDF : 24384980270.3/17

149.688+/-0.000 χ^2/NDF : 58299987232.6

153.832+/-0.000 χ^2/NDF : 33744235949.2/19

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.841+/-0.000 χ^2/NDF : 2662395.1/16

Left Out: 0.789+/-0.001 χ^2/NDF : 0.0/0

Right Out: 0.880+/-0.000 χ^2/NDF : 2825356.7/19

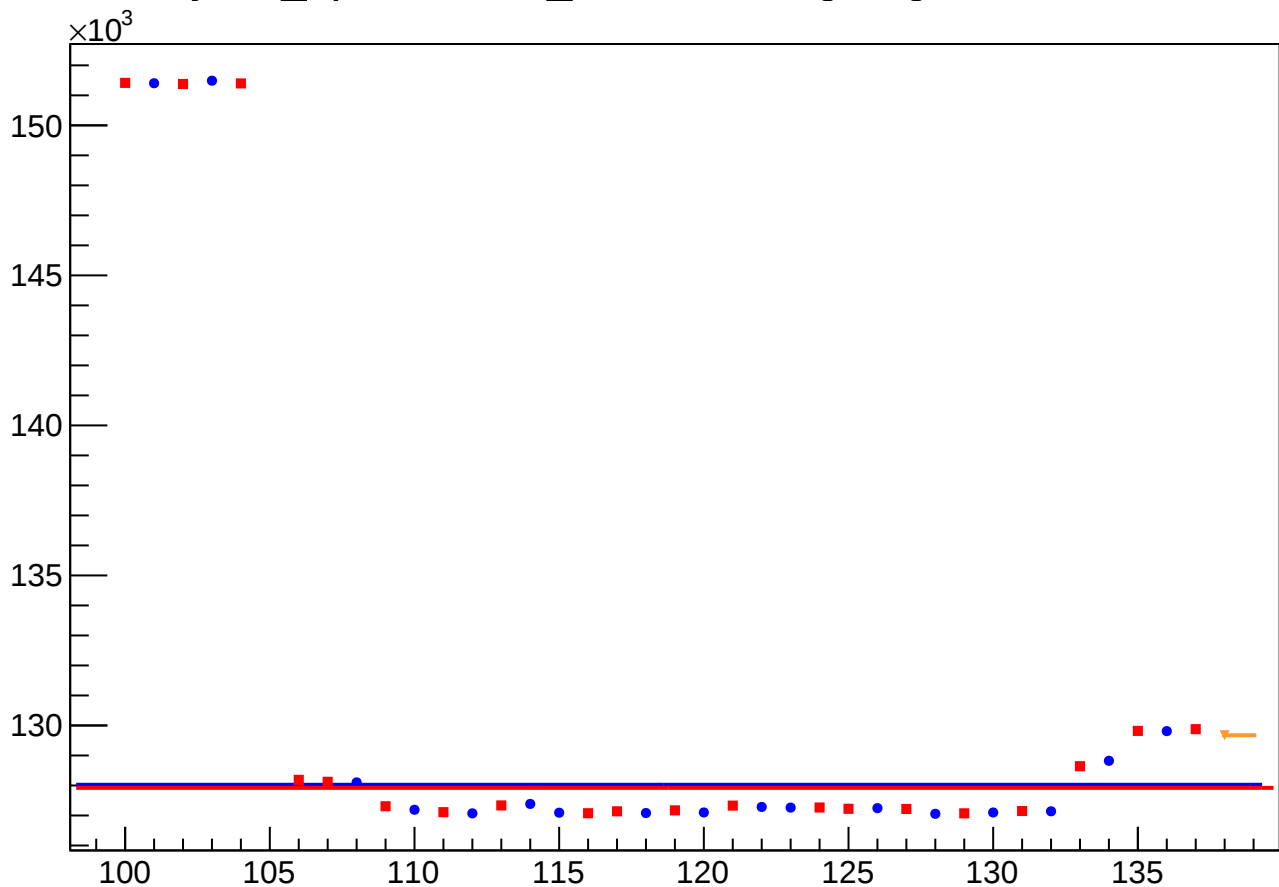
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.835+/-0.000 χ^2/NDF : 2666045.7/17

0.856+/-0.000 χ^2/NDF : 5503187.2/37

0.880+/-0.000 χ^2/NDF : 2825356.7/19

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 128023.527+/-0.055 χ^2/NDF : 4316540586.9/16

Left Out: 129674.703+/-0.209 χ^2/NDF :0.0/0

Right Out: 127921.299+/-0.050 χ^2/NDF : 3768965324.4/19

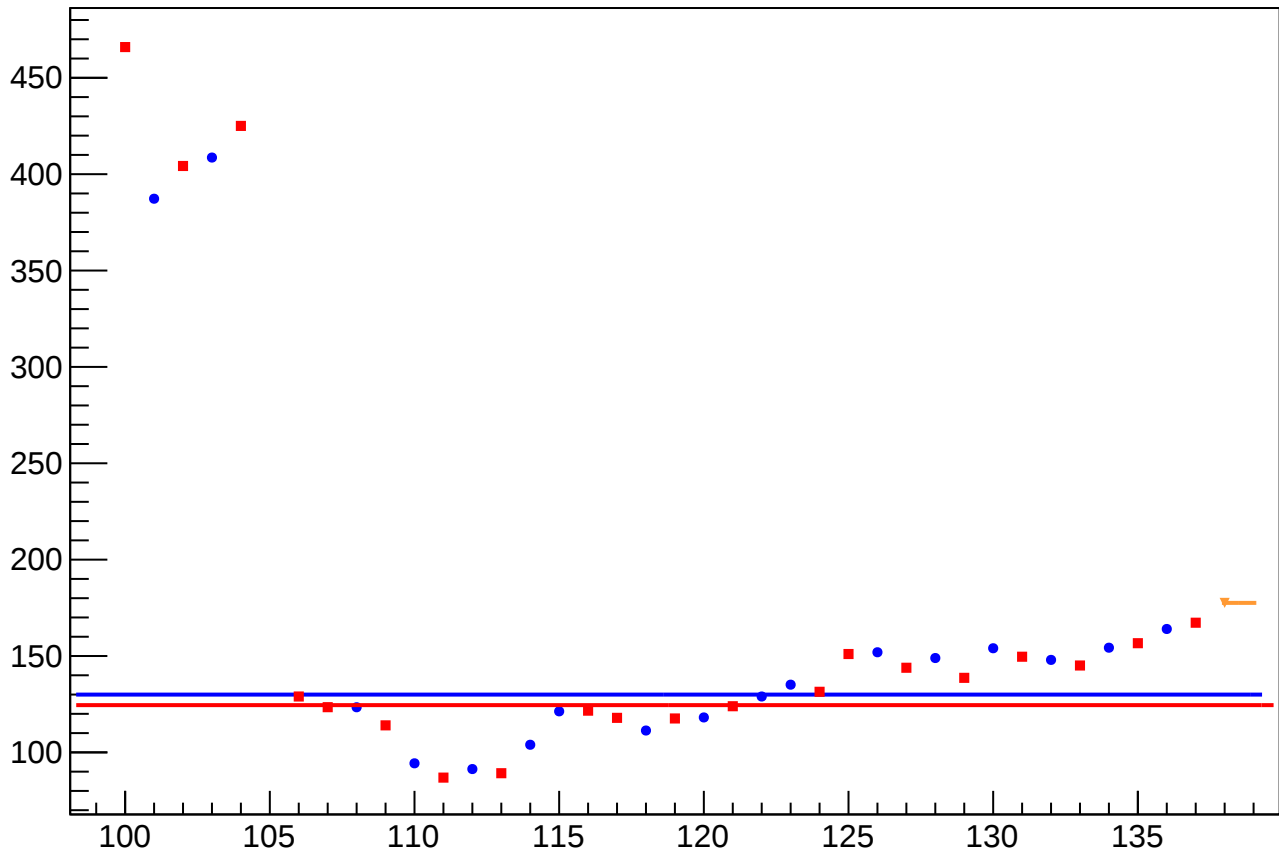
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

128128.397+/-0.053 χ^2/NDF : 4374756514.4/17

128019.616+/-0.036 χ^2/NDF : 815180952

127921.299+/-0.050 χ^2/NDF : 3768965324.4/19

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 129.980 $\pm$ 0.039 χ^2 /NDF: 1485519.5/16

Left Out: 177.564 $\pm$ 0.148 χ^2 /NDF: 0.0/0

Right Out: 124.514 $\pm$ 0.035 χ^2 /NDF: 1531546.7/19

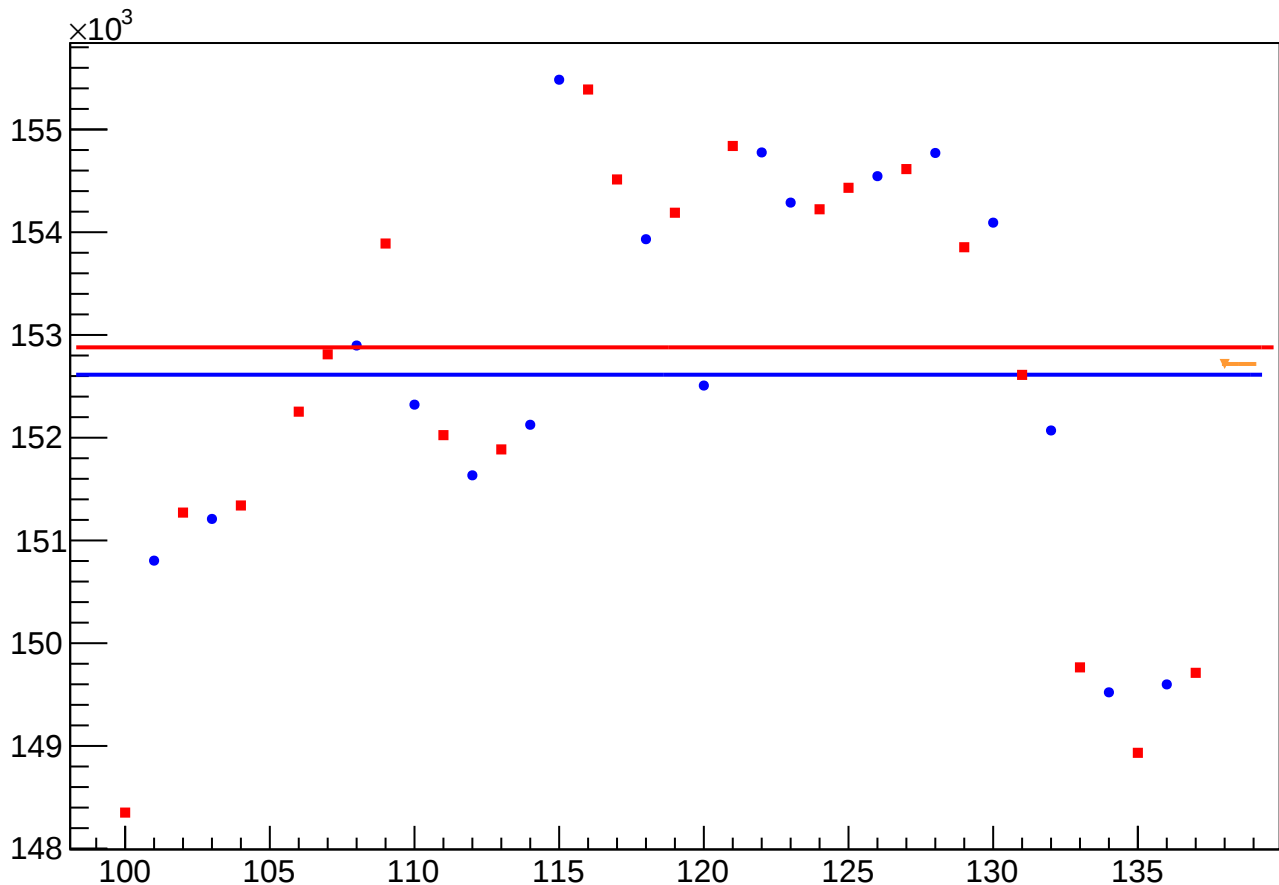
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

133.002 $\pm$ 0.037 χ^2 /NDF: 1582215.8/17

128.544 $\pm$ 0.026 χ^2 /NDF: 3140931.6/37

124.514 $\pm$ 0.035 χ^2 /NDF: 1531546.7/19

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 152613.122 $\pm$ 0.072 χ^2 /NDF: 623356098.4/16

Left Out: 152717.567 $\pm$ 0.200 χ^2 /NDF: 0.0/0

Right Out: 152879.455 $\pm$ 0.066 χ^2 /NDF: 717907168.5/19

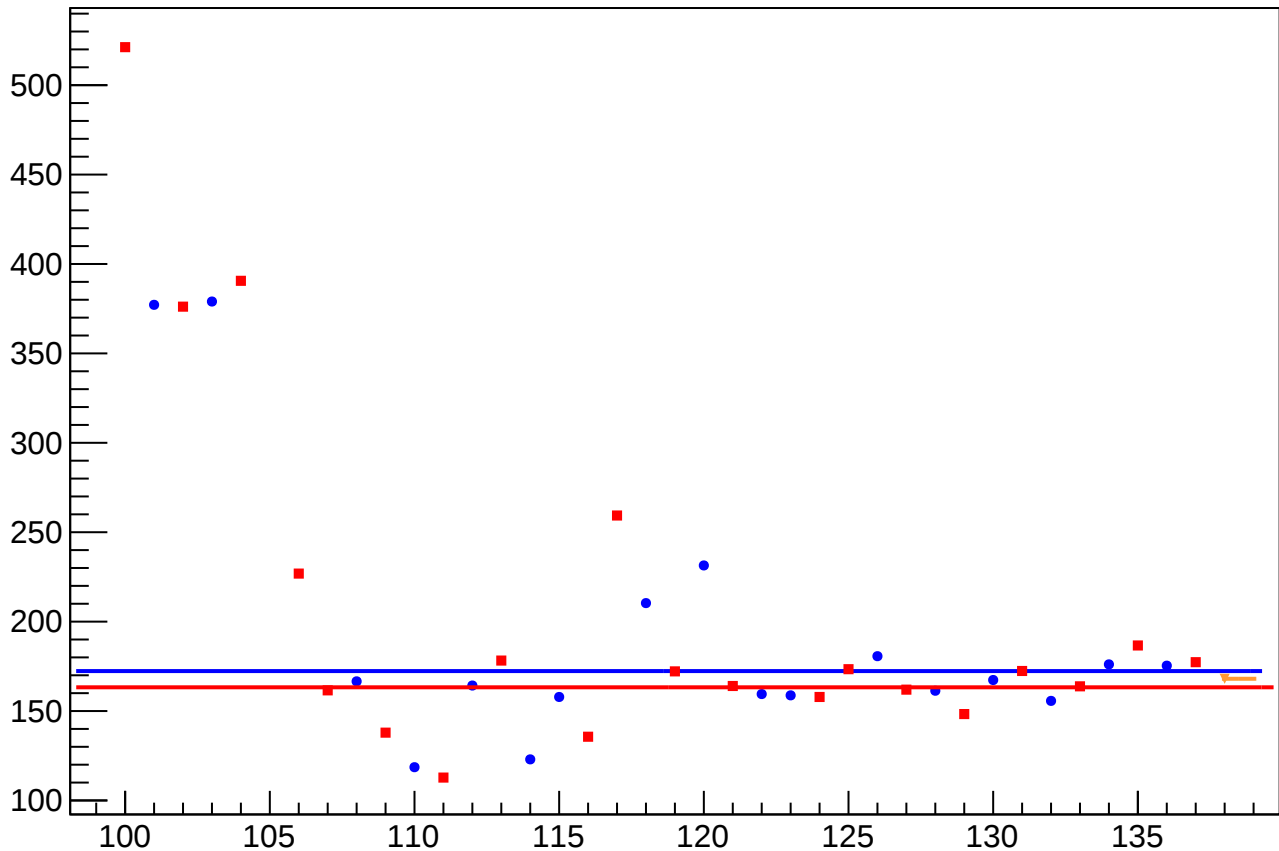
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

152625.235 $\pm$ 0.068 χ^2 /NDF: 623598345.7/17

152755.822 $\pm$ 0.047 χ^2 /NDF: 134869625

152879.455 $\pm$ 0.066 χ^2 /NDF: 717907168.5/19

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 172.351+/-0.051 χ^2/NDF : 921911.1/16

Left Out: 168.046+/-0.141 χ^2/NDF : 0.0/0

Right Out: 163.273+/-0.047 χ^2/NDF : 1043440.1/19

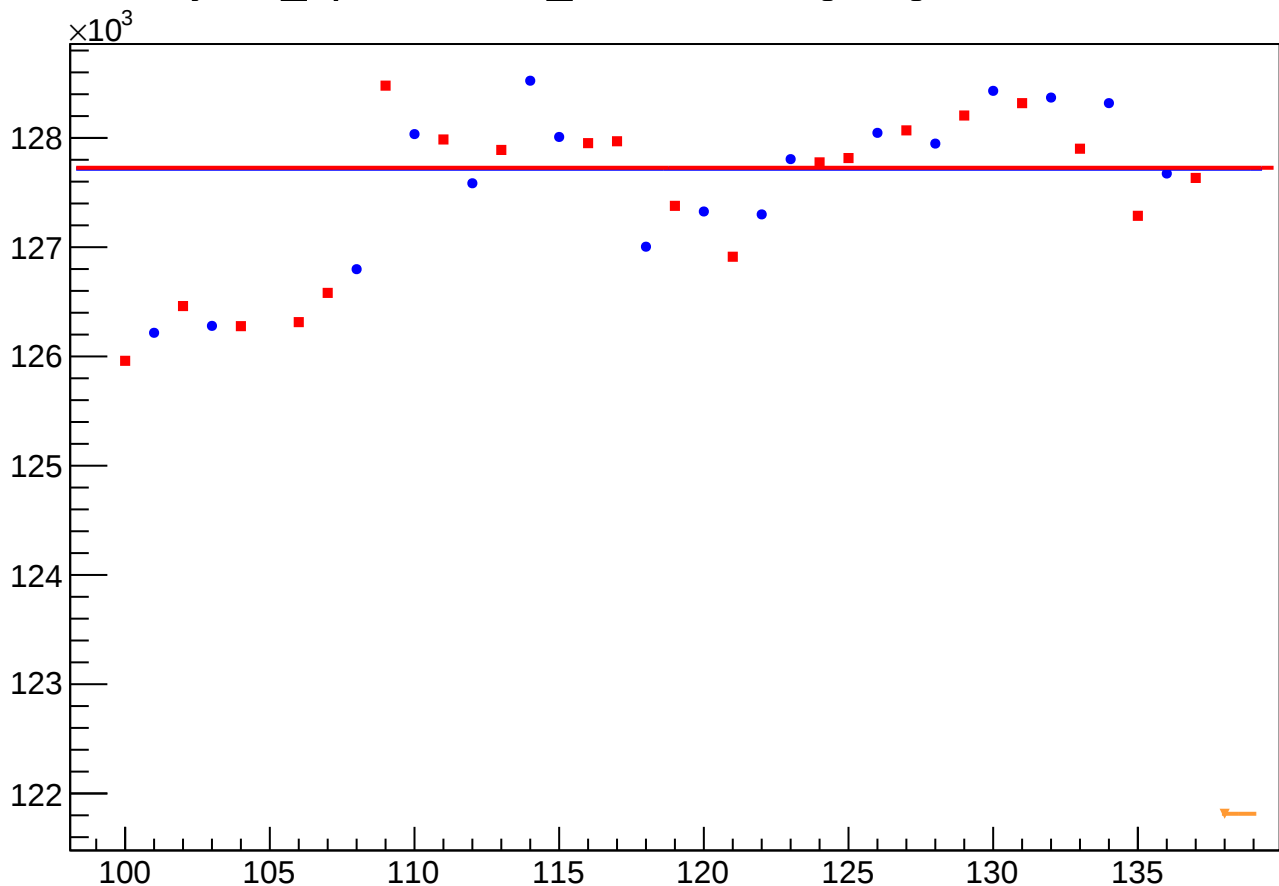
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

171.852+/-0.048 χ^2/NDF : 922734.4/17

167.445+/-0.034 χ^2/NDF : 1982551.4/37

163.273+/-0.047 χ^2/NDF : 1043440.1/19

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127717.888 $\pm$ 0.058 χ^2 /NDF: 95177660.2/16

Left Out: 121814.068 $\pm$ 0.180 χ^2 /NDF: 0.0/0

Right Out: 127726.969 $\pm$ 0.054 χ^2 /NDF: 112752557.5/19

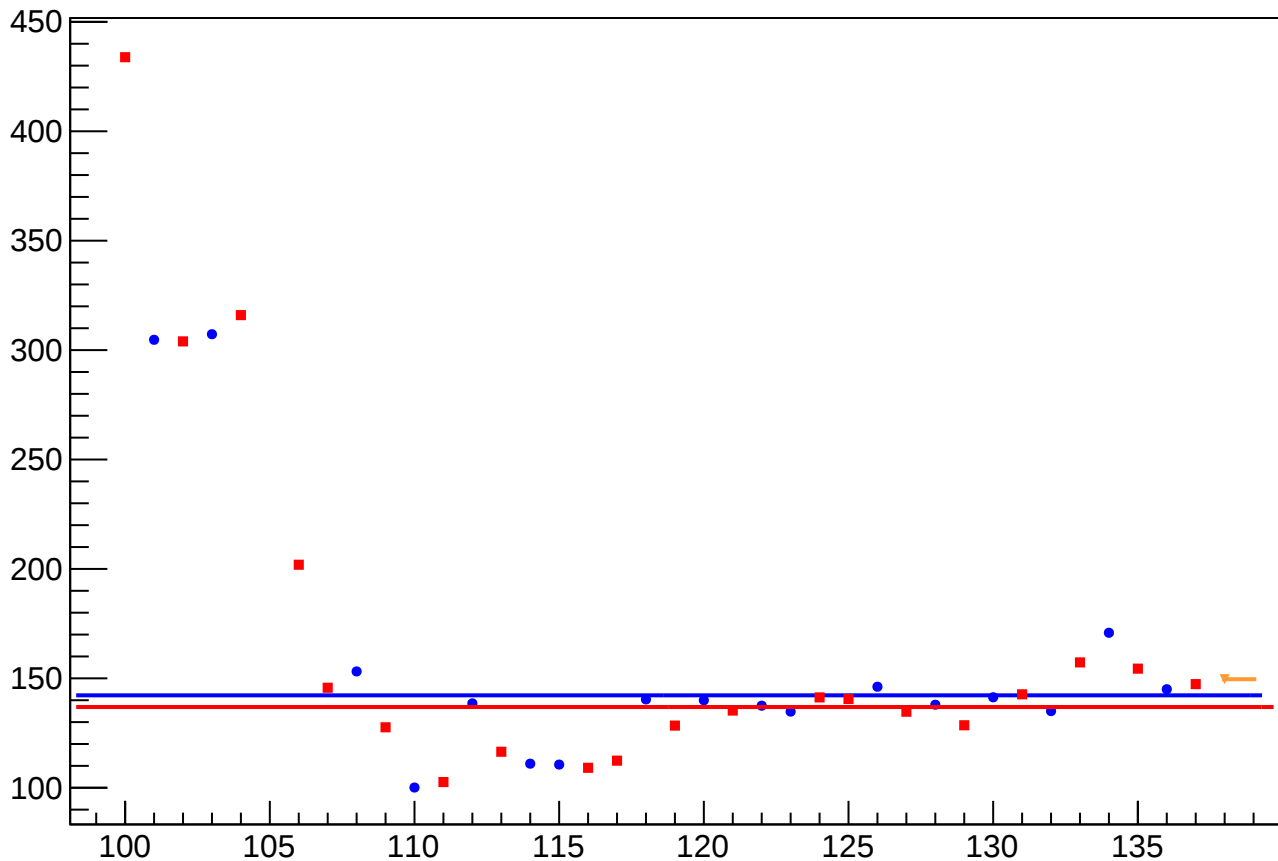
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

127155.673 $\pm$ 0.055 χ^2 /NDF: 1072254377.9/17

127447.525 $\pm$ 0.039 χ^2 /NDF: 123925413

127726.969 $\pm$ 0.054 χ^2 /NDF: 112752557.5/19

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 142.240 $\pm$ 0.041 χ^2 /NDF: 836415.1/16

Left Out: 149.603 $\pm$ 0.127 χ^2 /NDF: 0.0/0

Right Out: 136.904 $\pm$ 0.038 χ^2 /NDF: 961858.5/19

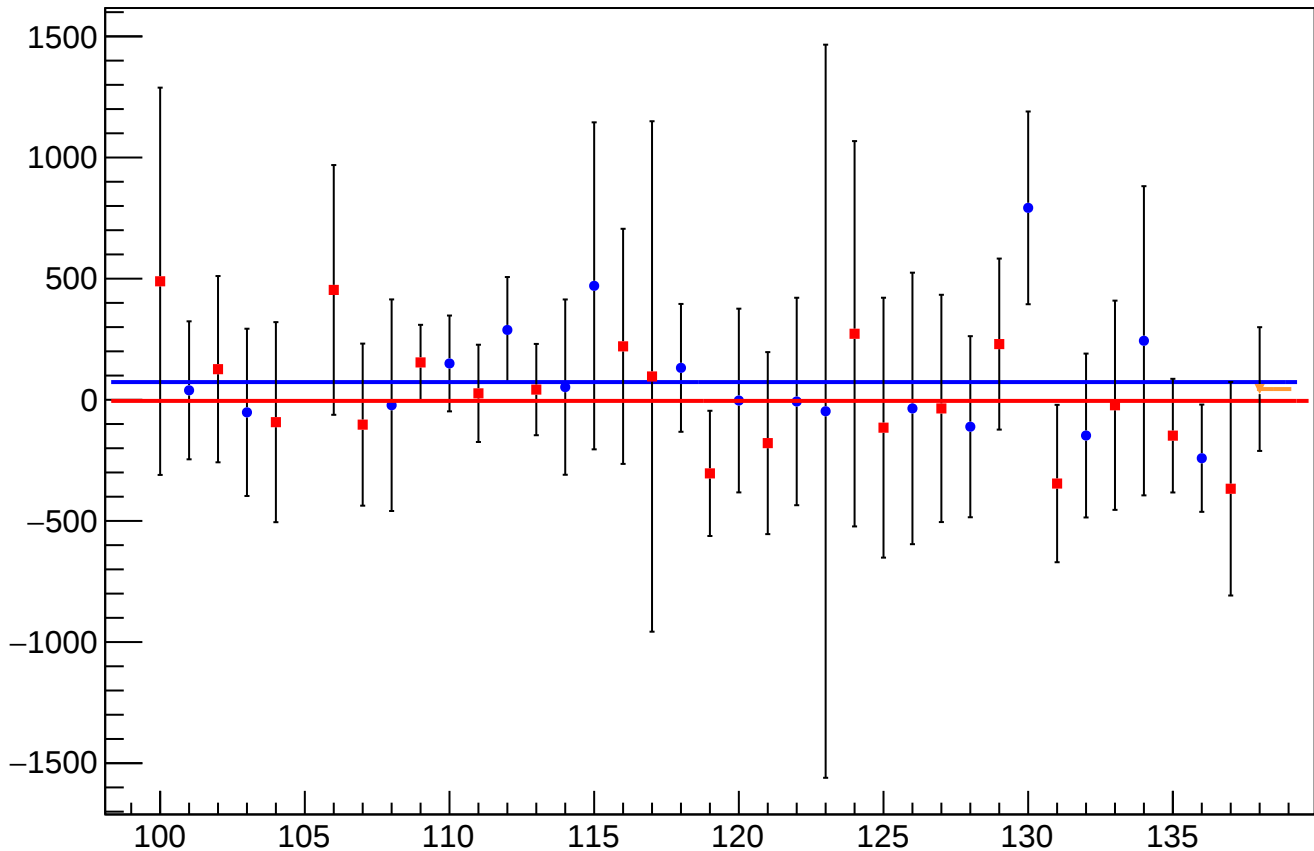
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

142.941 $\pm$ 0.039 χ^2 /NDF: 839454.8/17

139.857 $\pm$ 0.027 χ^2 /NDF: 1813431.8/37

136.904 $\pm$ 0.038 χ^2 /NDF: 961858.5/19

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 73.109+/-79.604 χ^2/NDF : 7.9/16

Left Out: 44.315+/-255.375 χ^2/NDF : 0.0/0

Right Out: -4.574+/-69.944 χ^2/NDF : 7.1/19

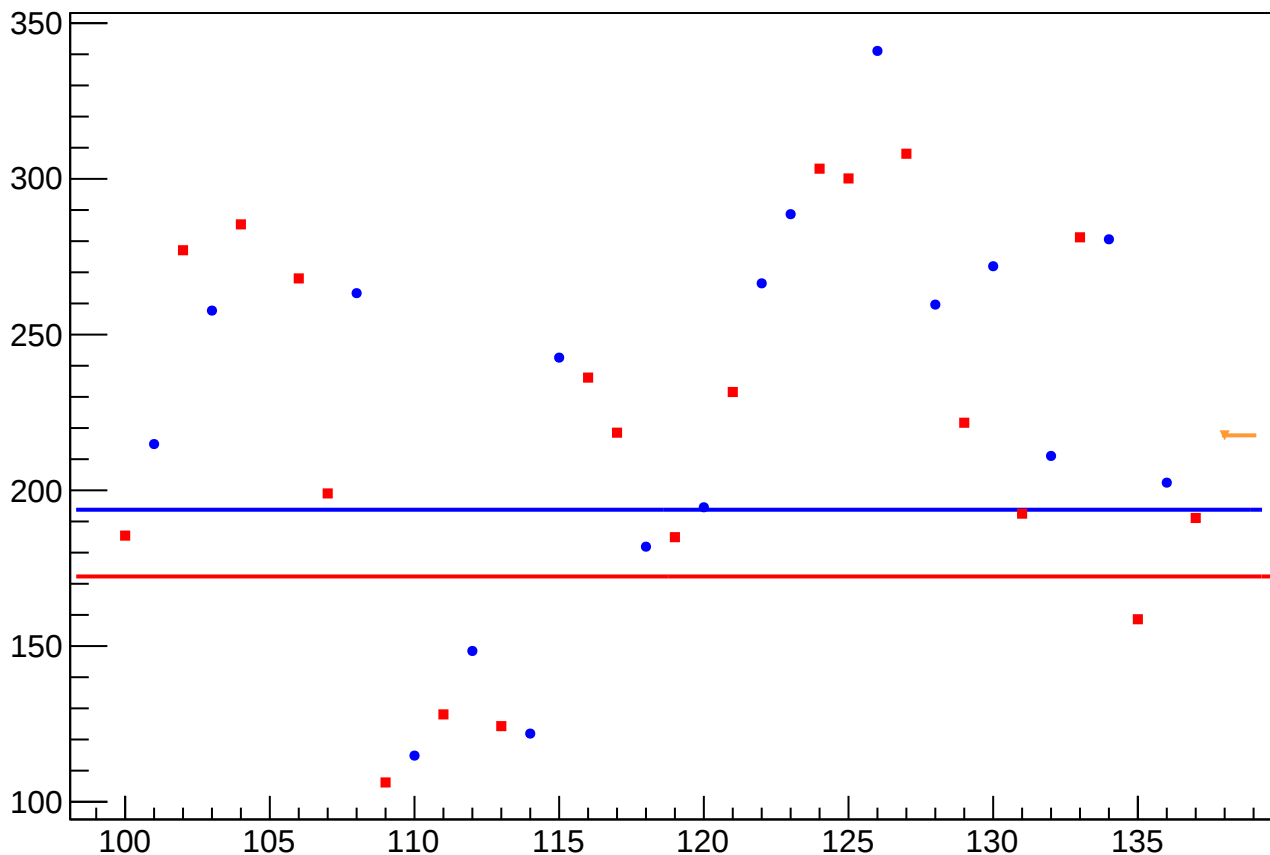
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

70.559+/-75.997 χ^2/NDF : 7.9/17

29.881+/-51.465 χ^2/NDF : 15.5/37

-4.574+/-69.944 χ^2/NDF : 7.1/19

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 193.773+/-0.056 χ^2/NDF : 1017081.7/16

Left Out: 217.650+/-0.181 χ^2/NDF : 0.0/0

Right Out: 172.346+/-0.049 χ^2/NDF : 1583893.0/19

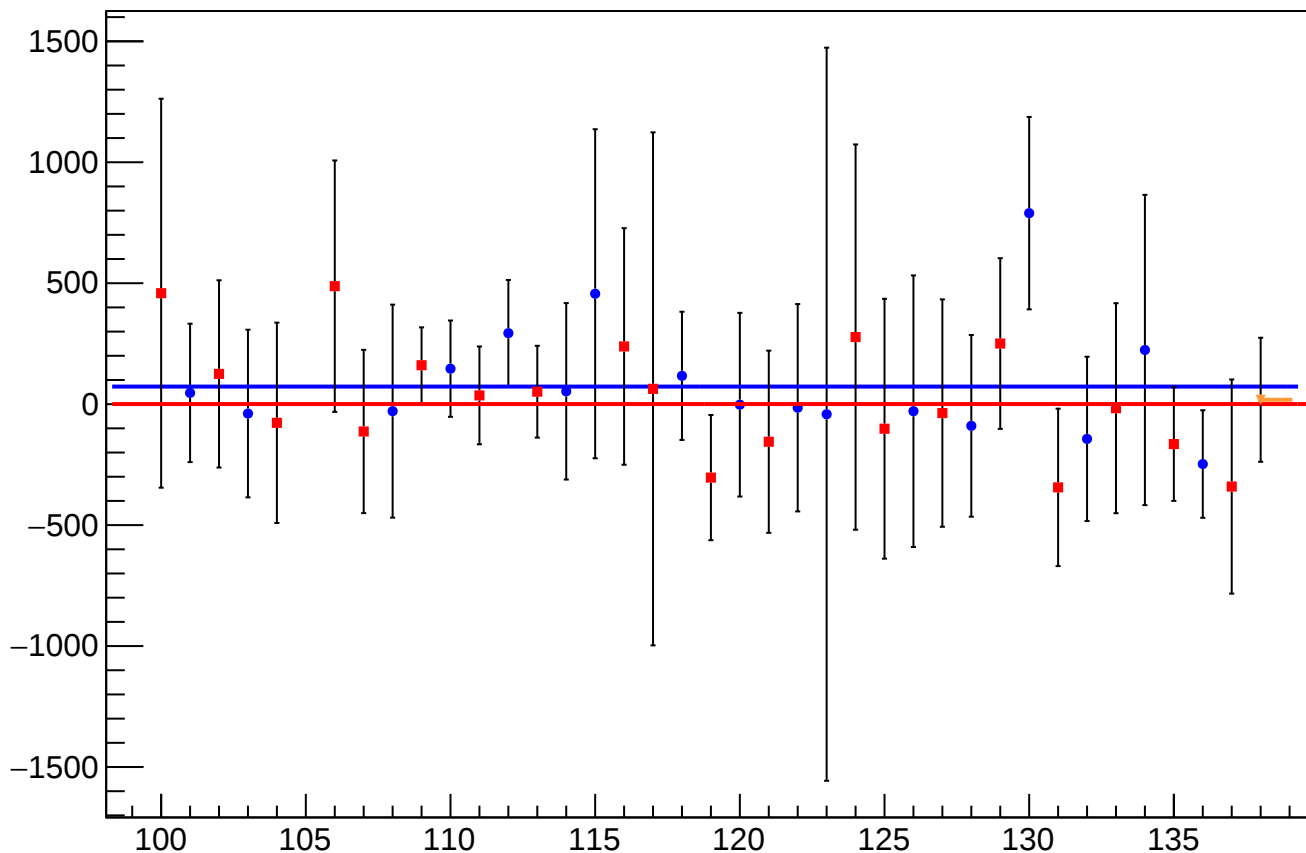
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

195.887+/-0.054 χ^2/NDF : 1033017.8/17

183.142+/-0.036 χ^2/NDF : 2720807.6/37

172.346+/-0.049 χ^2/NDF : 1583893.0/19

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 72.675+/-79.992 χ^2/NDF : 7.8/16

Left Out: 18.151+/-256.464 χ^2/NDF : 0.0/0

Right Out: 0.459+/-70.312 χ^2/NDF : 7.3/19

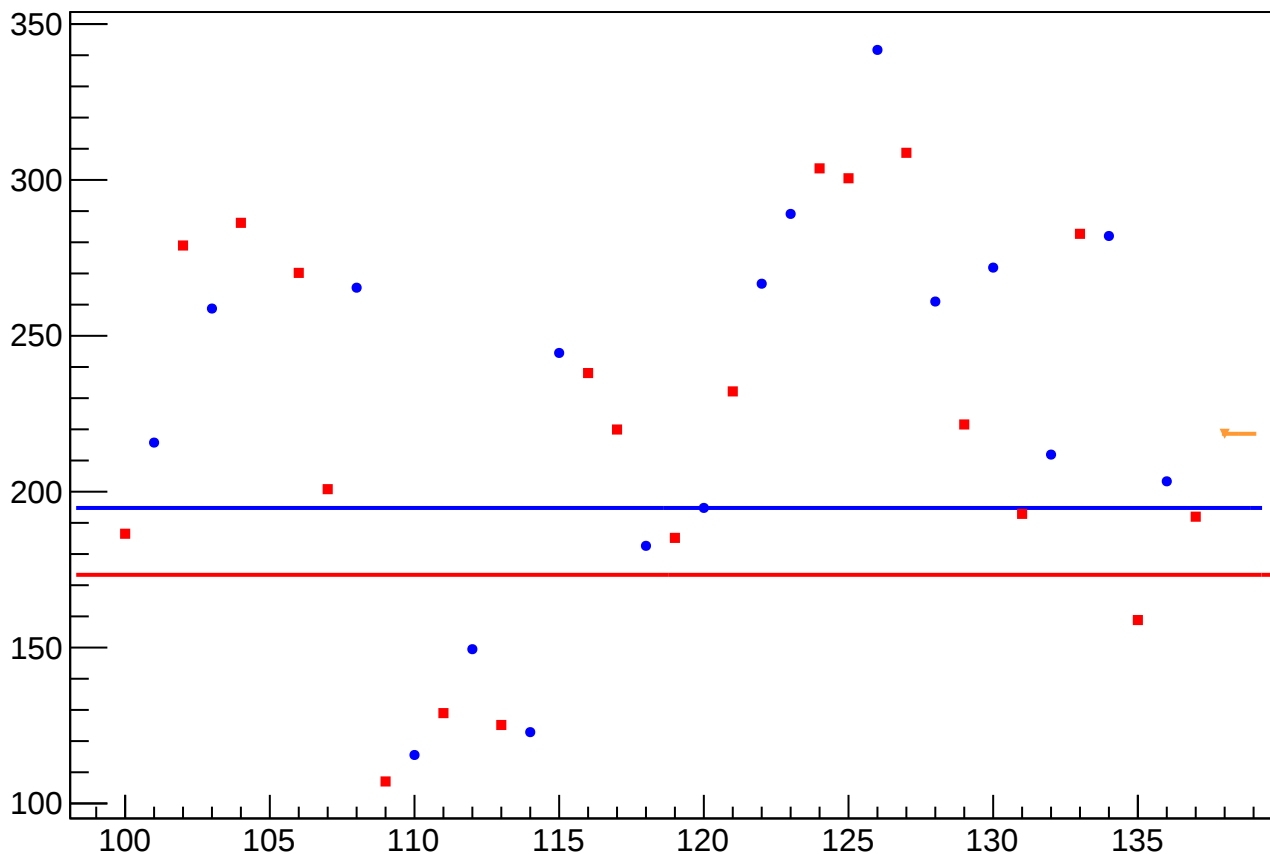
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

67.841+/-76.363 χ^2/NDF : 7.8/17

31.374+/-51.725 χ^2/NDF : 15.5/37

0.459+/-70.312 χ^2/NDF : 7.3/19

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 194.782 $\pm$ 0.057 χ^2 /NDF: 1008292.8/16

Left Out: 218.573 $\pm$ 0.181 χ^2 /NDF: 0.0/0

Right Out: 173.337 $\pm$ 0.050 χ^2 /NDF: 1571436.7/19

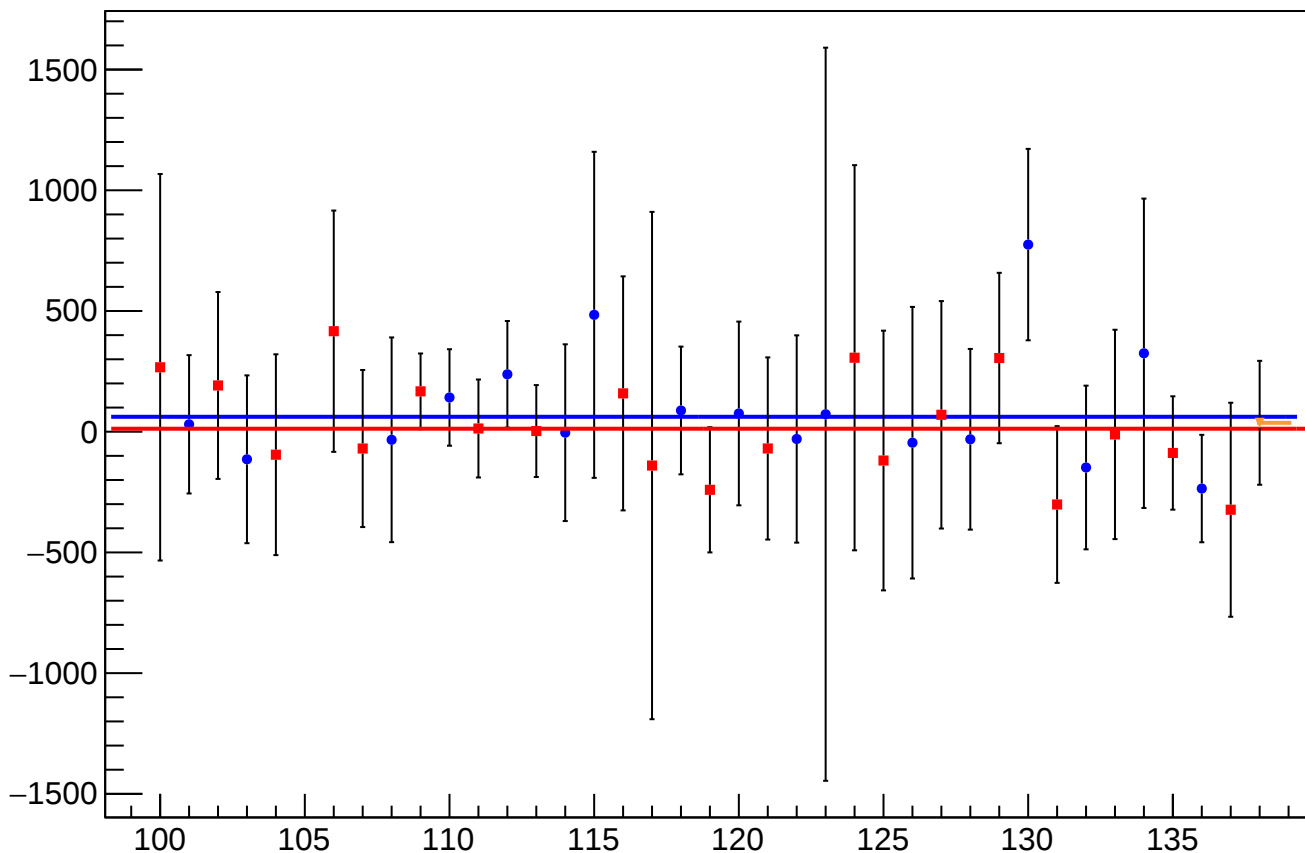
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

196.892 $\pm$ 0.054 χ^2 /NDF: 1023977.9/17

184.144 $\pm$ 0.037 χ^2 /NDF: 2698394.5/37

173.337 $\pm$ 0.050 χ^2 /NDF: 1571436.7/19

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 61.814+/-79.986 χ^2/NDF : 7.3/16

Left Out: 36.928+/-256.646 χ^2/NDF : 0.0/0

Right Out: 12.417+/-70.233 χ^2/NDF : 5.8/19

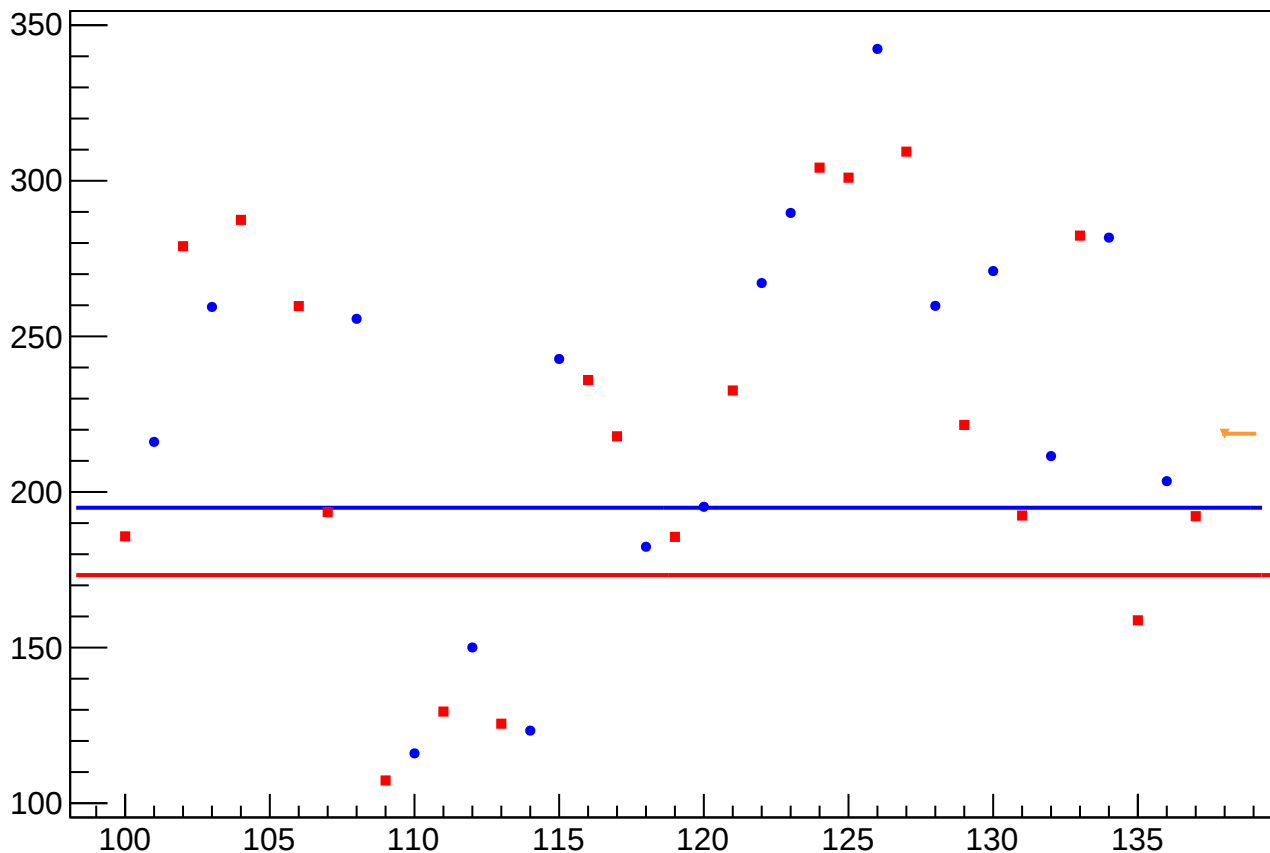
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

59.611+/-76.364 χ^2/NDF : 7.3/17

34.044+/-51.694 χ^2/NDF : 13.3/37

12.417+/-70.233 χ^2/NDF : 5.8/19

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 194.939+/-0.057 χ^2/NDF : 986629.1/16

Left Out: 218.724+/-0.181 χ^2/NDF : 0.0/0

Right Out: 173.309+/-0.050 χ^2/NDF : 1548342.3/19

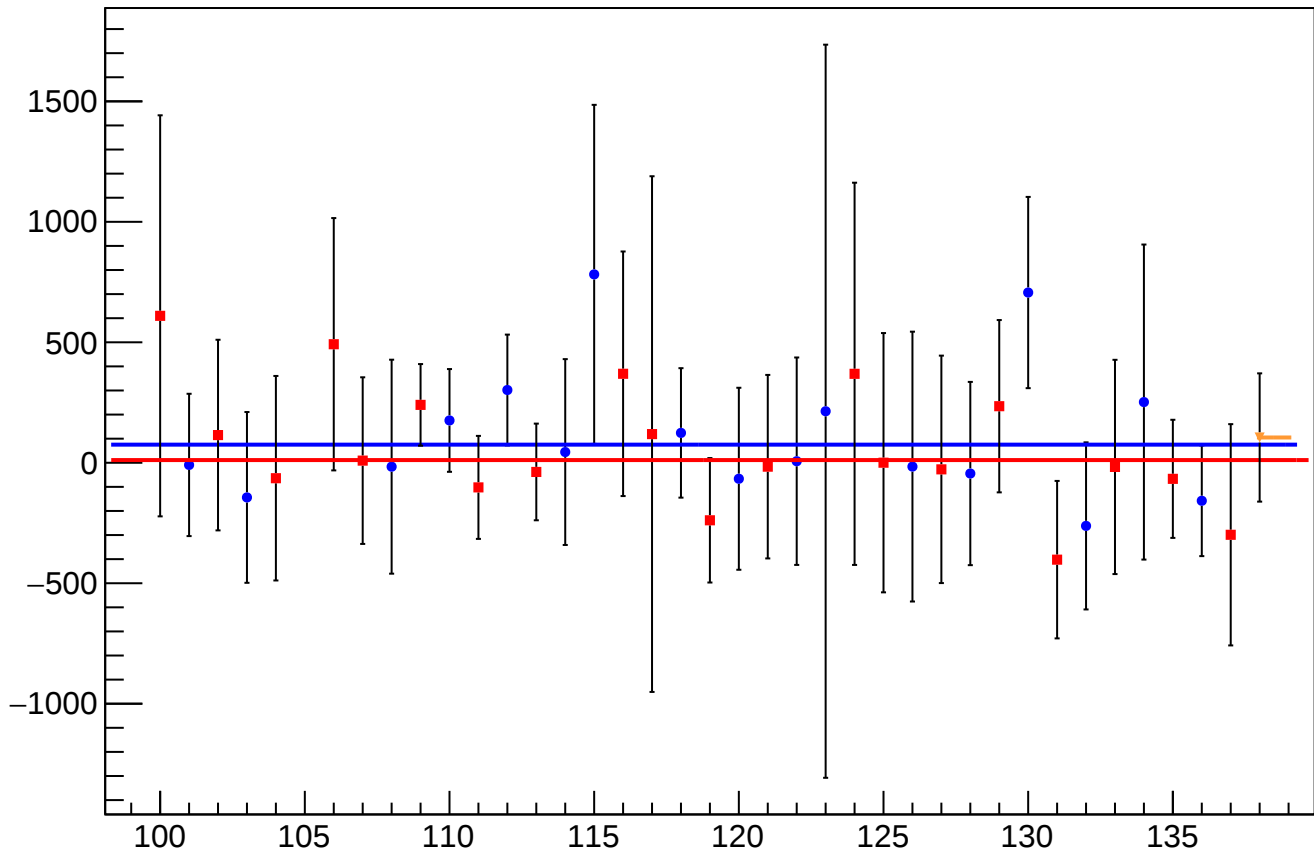
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

197.045+/-0.054 χ^2/NDF : 1002286.2/17

184.186+/-0.037 χ^2/NDF : 2655305.4/37

173.309+/-0.050 χ^2/NDF : 1548342.3/19

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 75.207 $\pm$ 82.504 χ^2 /NDF: 7.6/16

Left Out: 104.914 $\pm$ 266.200 χ^2 /NDF:0.0/0

Right Out: 11.180 $\pm$ 73.166 χ^2 /NDF: 7.8/19

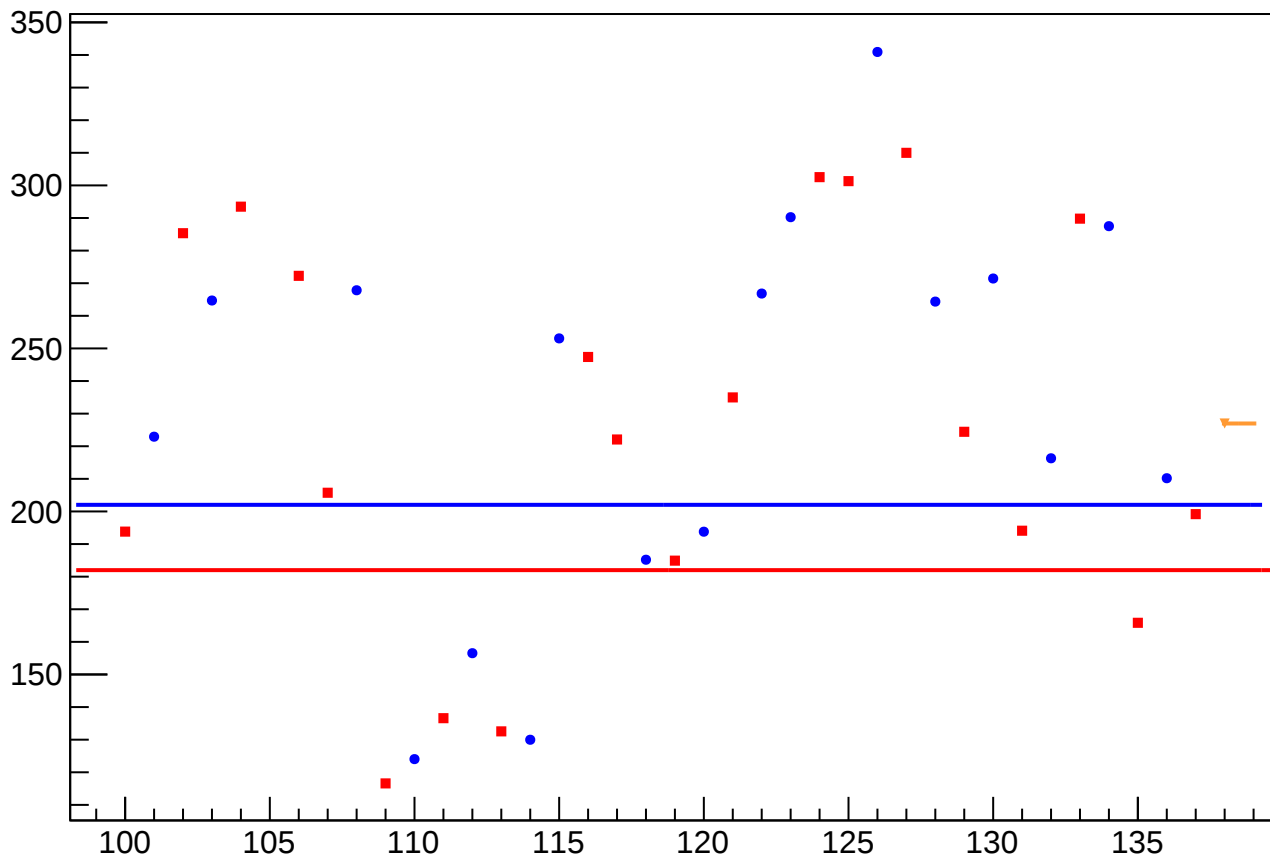
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

77.810 $\pm$ 78.806 χ^2 /NDF: 7.6/17

42.026 $\pm$ 53.619 χ^2 /NDF: 15.9/37

11.180 $\pm$ 73.166 χ^2 /NDF: 7.8/19

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 202.029 $\pm$ 0.058 χ^2 /NDF: 881608.7/16

Left Out: 226.974 $\pm$ 0.188 χ^2 /NDF: 0.0/0

Right Out: 182.000 $\pm$ 0.052 χ^2 /NDF: 1380354.3/19

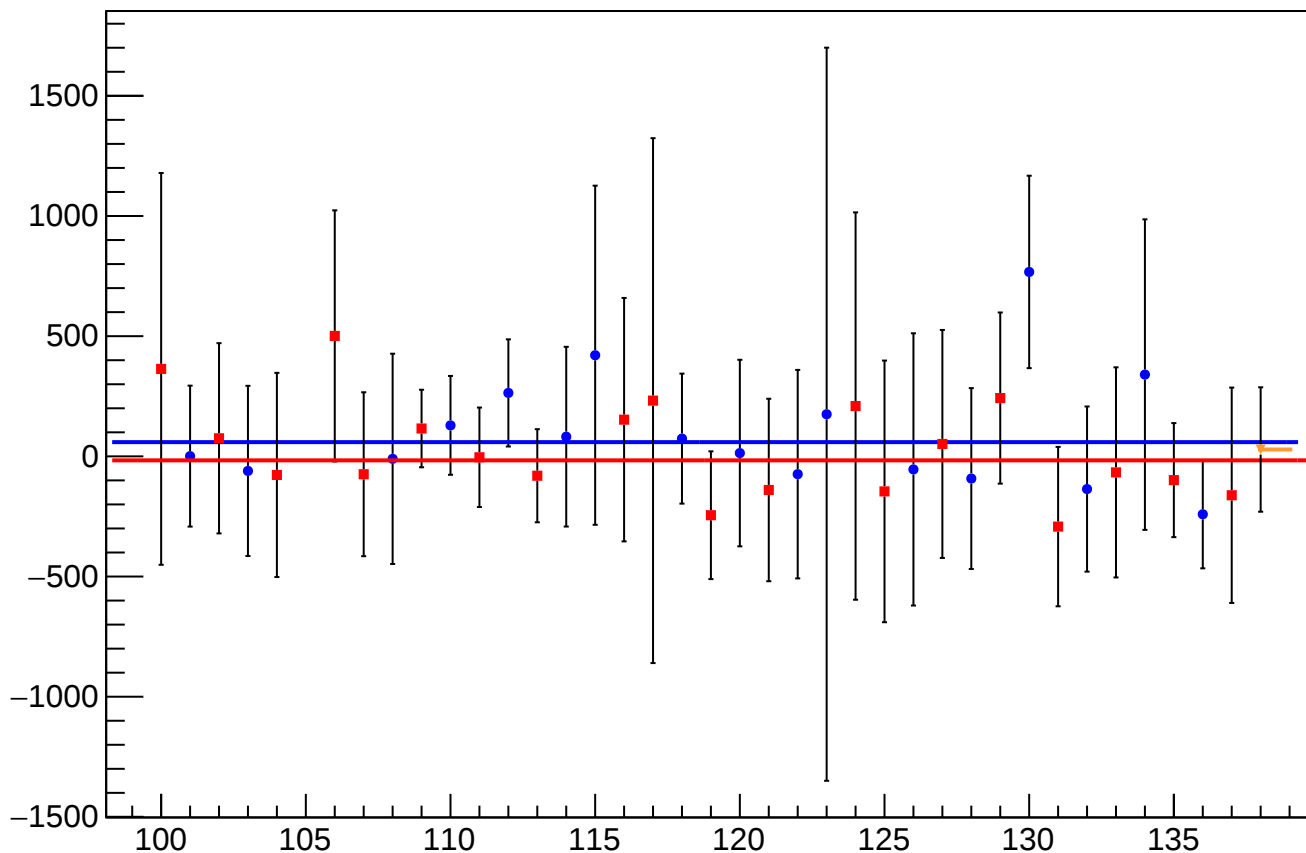
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

204.215 $\pm$ 0.056 χ^2 /NDF: 897632.1/17

192.284 $\pm$ 0.038 χ^2 /NDF: 2363347.2/37

182.000 $\pm$ 0.052 χ^2 /NDF: 1380354.3/19

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 59.175 $\pm$ 81.417 χ^2 /NDF: 7.1/16

Left Out: 28.507 $\pm$ 258.830 χ^2 /NDF: 0.0/0

Right Out: -16.650 $\pm$ 71.745 χ^2 /NDF: 4.7/19

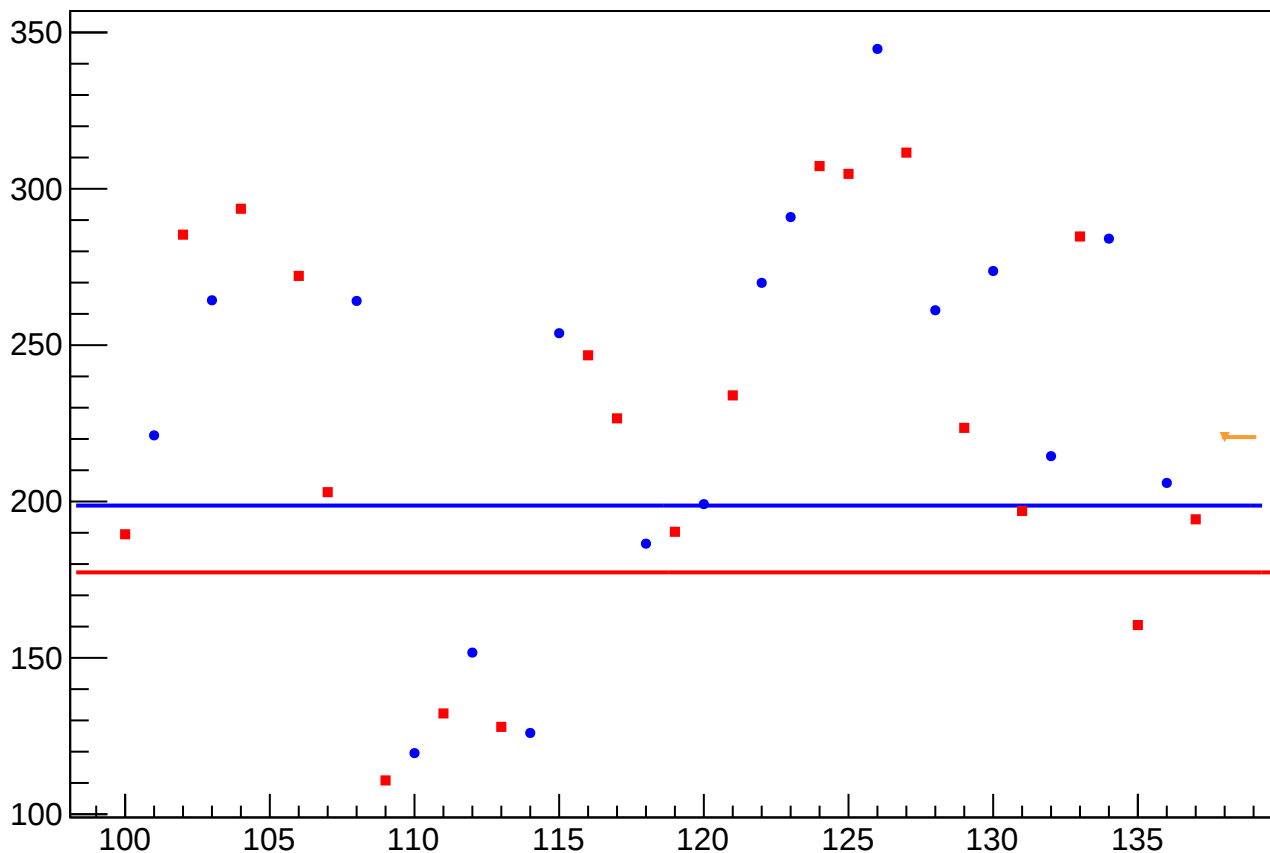
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

56.413 $\pm$ 77.665 χ^2 /NDF: 7.2/17

16.991 $\pm$ 52.700 χ^2 /NDF: 12.3/37

-16.650 $\pm$ 71.745 χ^2 /NDF: 4.7/19

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 198.704 $\pm$ 0.058 χ^2 /NDF: 963394.4/16

Left Out: 220.604 $\pm$ 0.183 χ^2 /NDF: 0.0/0

Right Out: 177.338 $\pm$ 0.051 χ^2 /NDF: 1528976.8/19

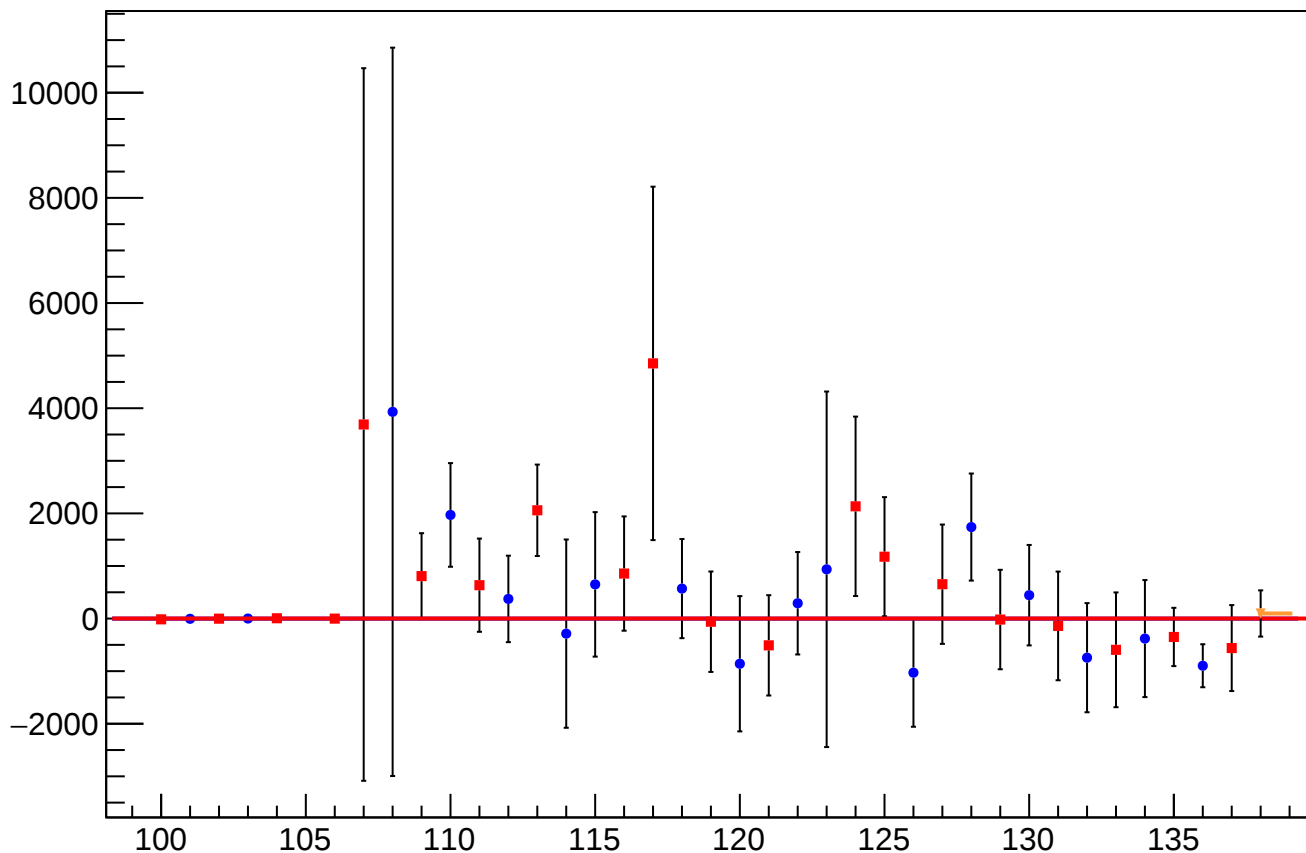
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

200.675 $\pm$ 0.055 χ^2 /NDF: 976424.1/17

188.084 $\pm$ 0.037 χ^2 /NDF: 2602835.1/37

177.338 $\pm$ 0.051 χ^2 /NDF: 1528976.8/19

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.529 ± 2.251 χ^2/NDF : 16.6/16

Left Out: 96.714 ± 439.639 χ^2/NDF : 0.0/0

Right Out: 0.733 ± 2.111 χ^2/NDF : 20.5/19

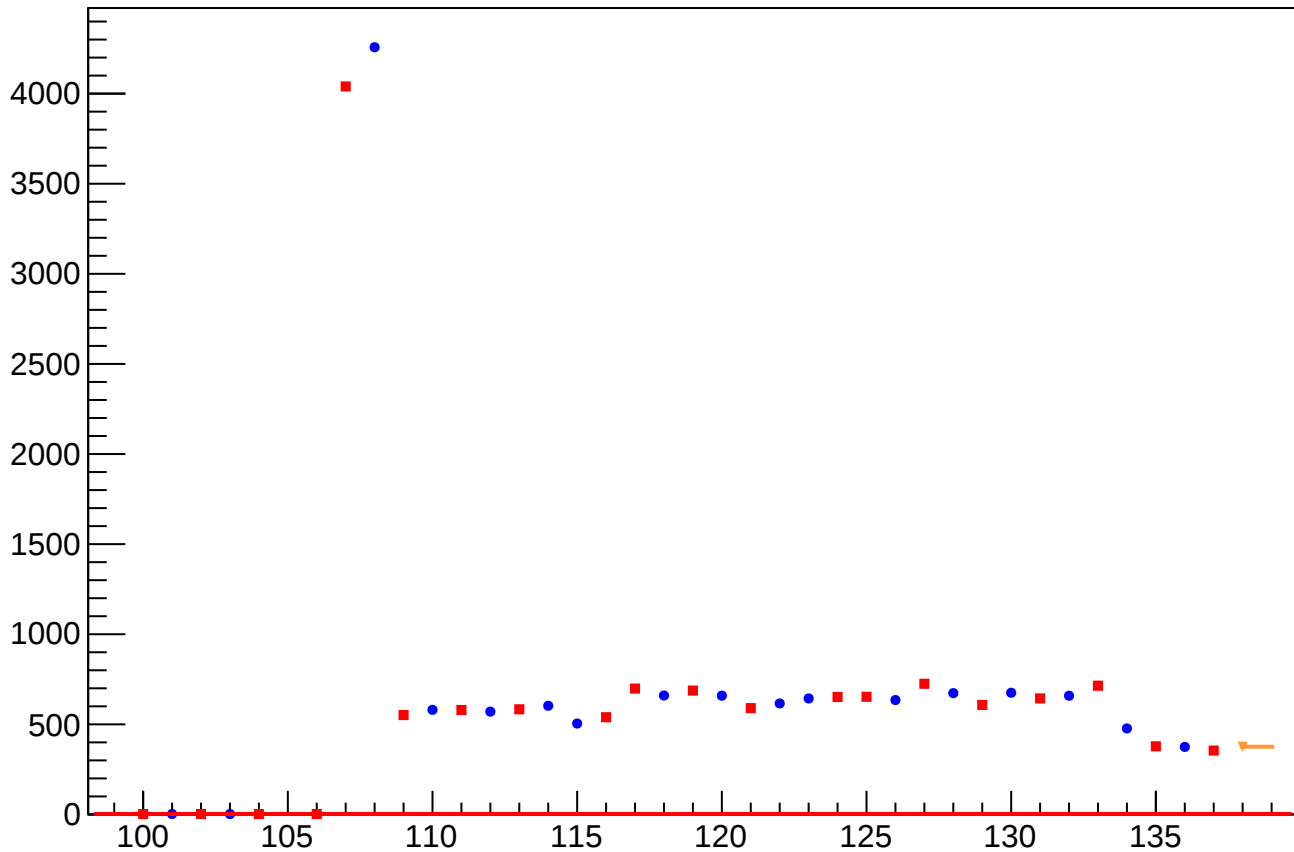
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.526 ± 2.251 χ^2/NDF : 16.7/17

-0.324 ± 1.540 χ^2/NDF : 37.7/37

0.733 ± 2.111 χ^2/NDF : 20.5/19

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.456+/-0.002 χ^2/NDF : 10706347.4/16

Left Out: 375.729+/-0.311 χ^2/NDF : 0.0/0

Right Out: 2.437+/-0.001 χ^2/NDF : 11225999.1/19

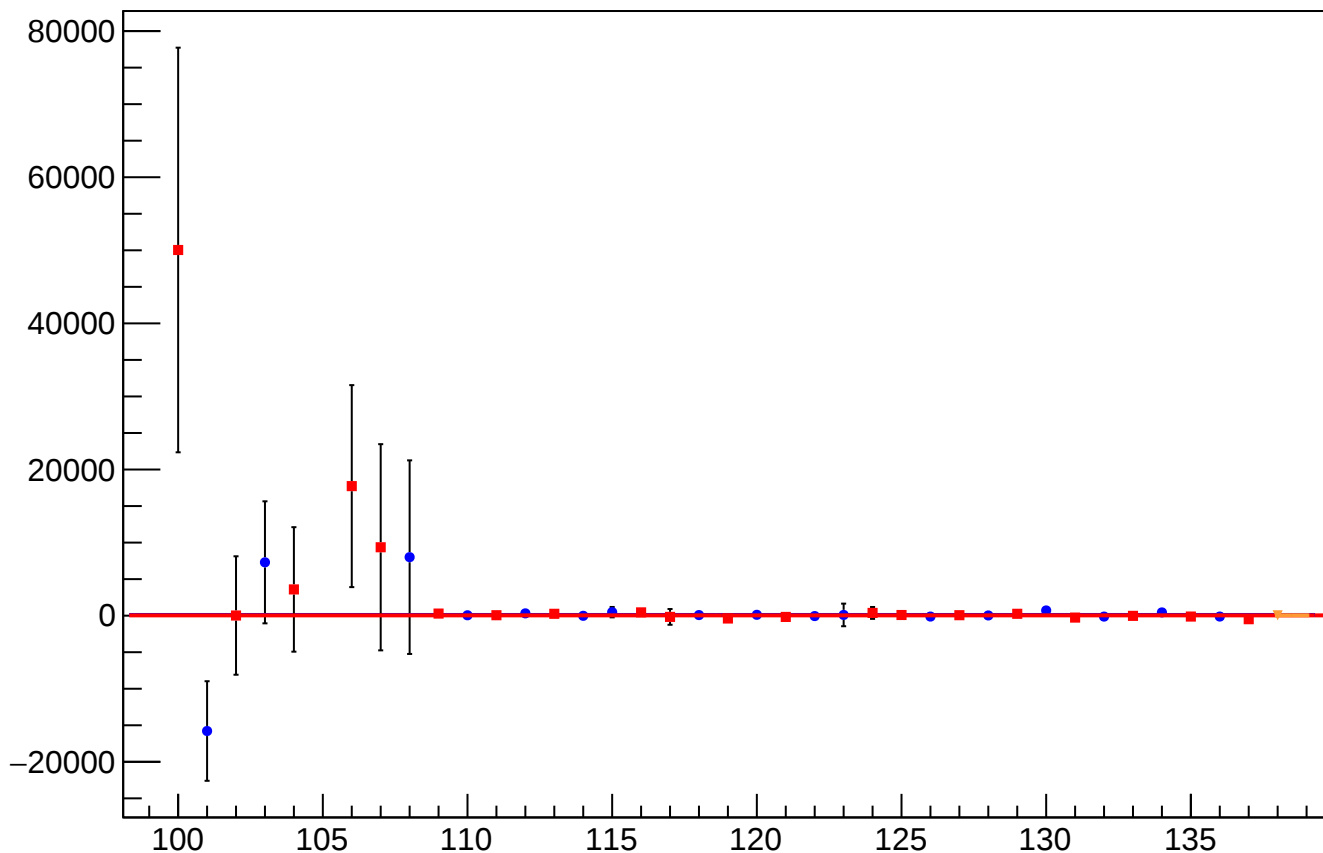
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.466+/-0.002 χ^2/NDF : 12148060.0/17

2.450+/-0.001 χ^2/NDF : 23374235.4/37

2.437+/-0.001 χ^2/NDF : 11225999.1/19

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 95.353+/-91.708 χ^2/NDF : 12.0/16

Left Out: 48.838+/-260.113 χ^2/NDF : 0.0/0

Right Out: 41.335+/-84.288 χ^2/NDF : 14.0/19

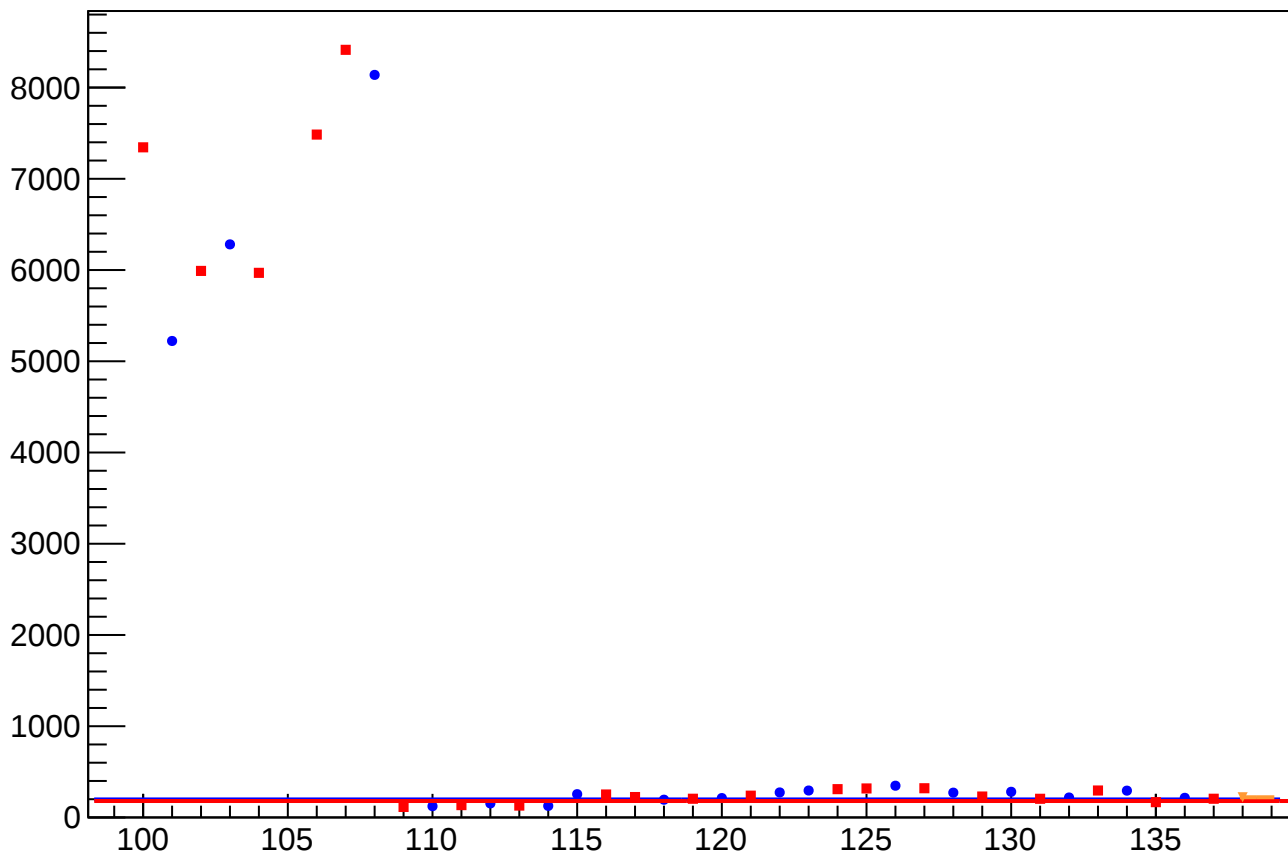
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

90.210+/-86.490 χ^2/NDF : 12.0/17

65.142+/-60.364 χ^2/NDF : 26.2/37

41.335+/-84.288 χ^2/NDF : 14.0/19

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 197.422+/-0.065 χ^2/NDF : 3695848.3/16

Left Out: 221.182+/-0.184 χ^2/NDF : 0.0/0

Right Out: 180.250+/-0.060 χ^2/NDF : 4324682.8/19

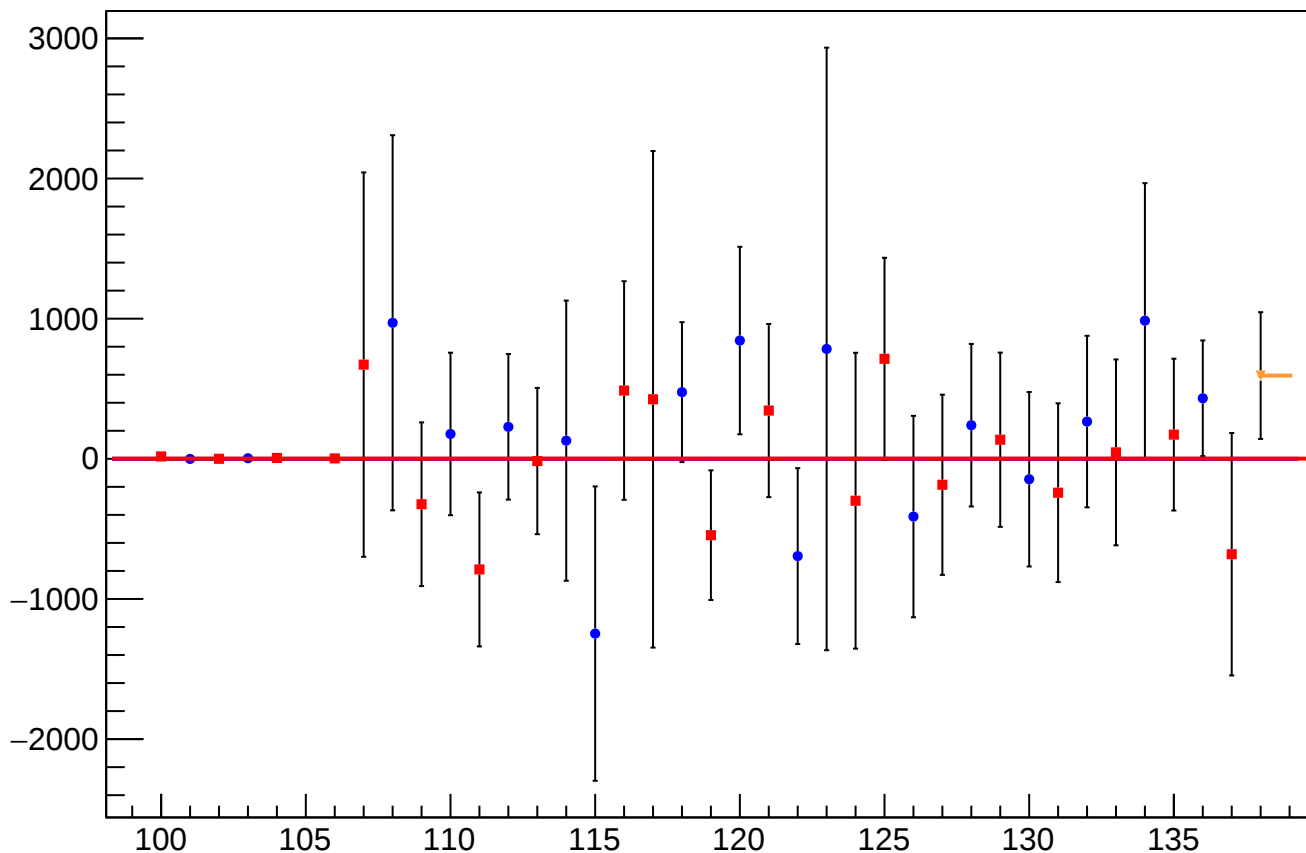
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

200.049+/-0.061 χ^2/NDF : 3710691.7/17

189.894+/-0.043 χ^2/NDF : 8089125.7/37

180.250+/-0.060 χ^2/NDF : 4324682.8/19

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.139 ± 1.737 χ^2/NDF : 9.8/16

Left Out: 593.976 ± 452.268 χ^2/NDF : 0.0/0

Right Out: 1.324 ± 1.623 χ^2/NDF : 9.6/19

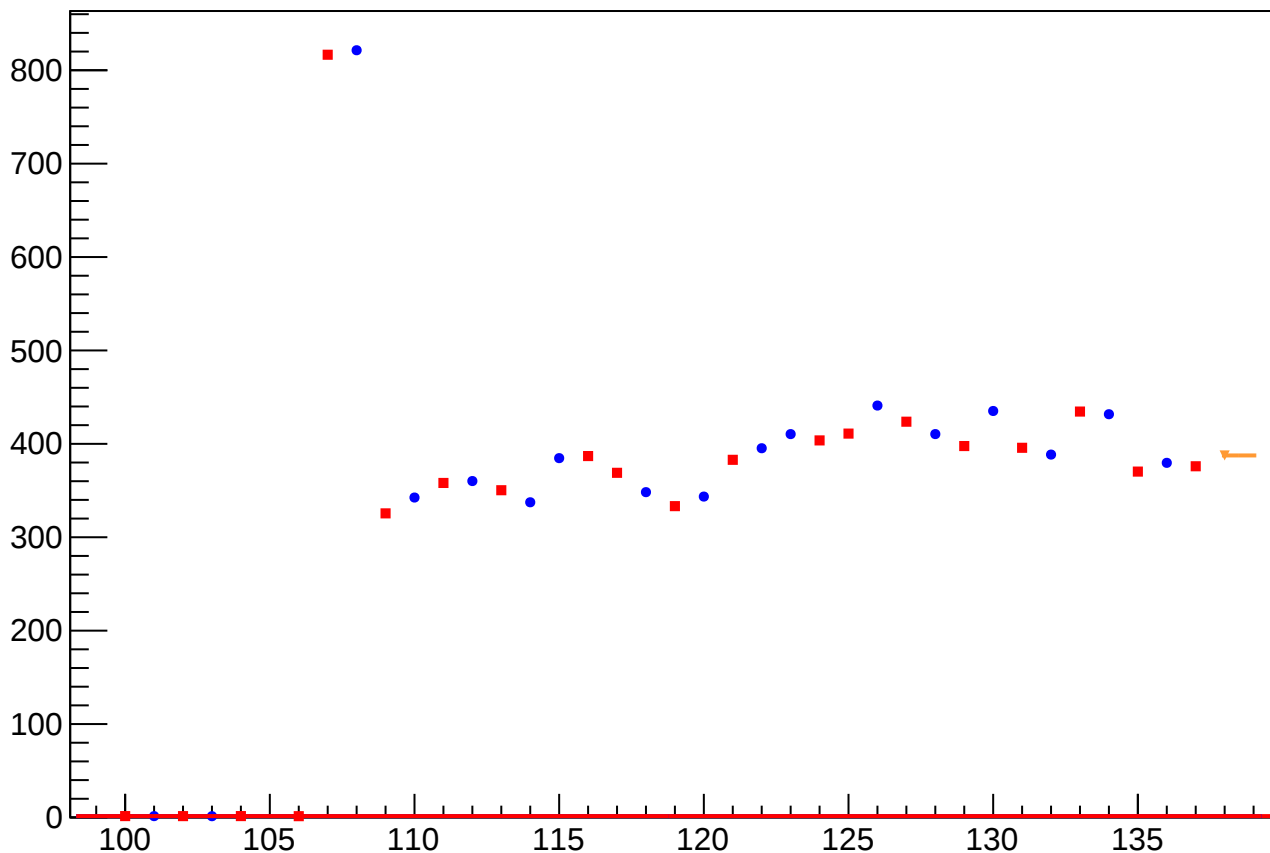
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.130 ± 1.737 χ^2/NDF : 11.5/17

0.646 ± 1.186 χ^2/NDF : 21.4/37

1.324 ± 1.623 χ^2/NDF : 9.6/19

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.452+/-0.001 χ^2/NDF : 10815892.9/16

Left Out: 387.583+/-0.320 χ^2/NDF : 0.0/0

Right Out: 1.451+/-0.001 χ^2/NDF : 10959647.1/19

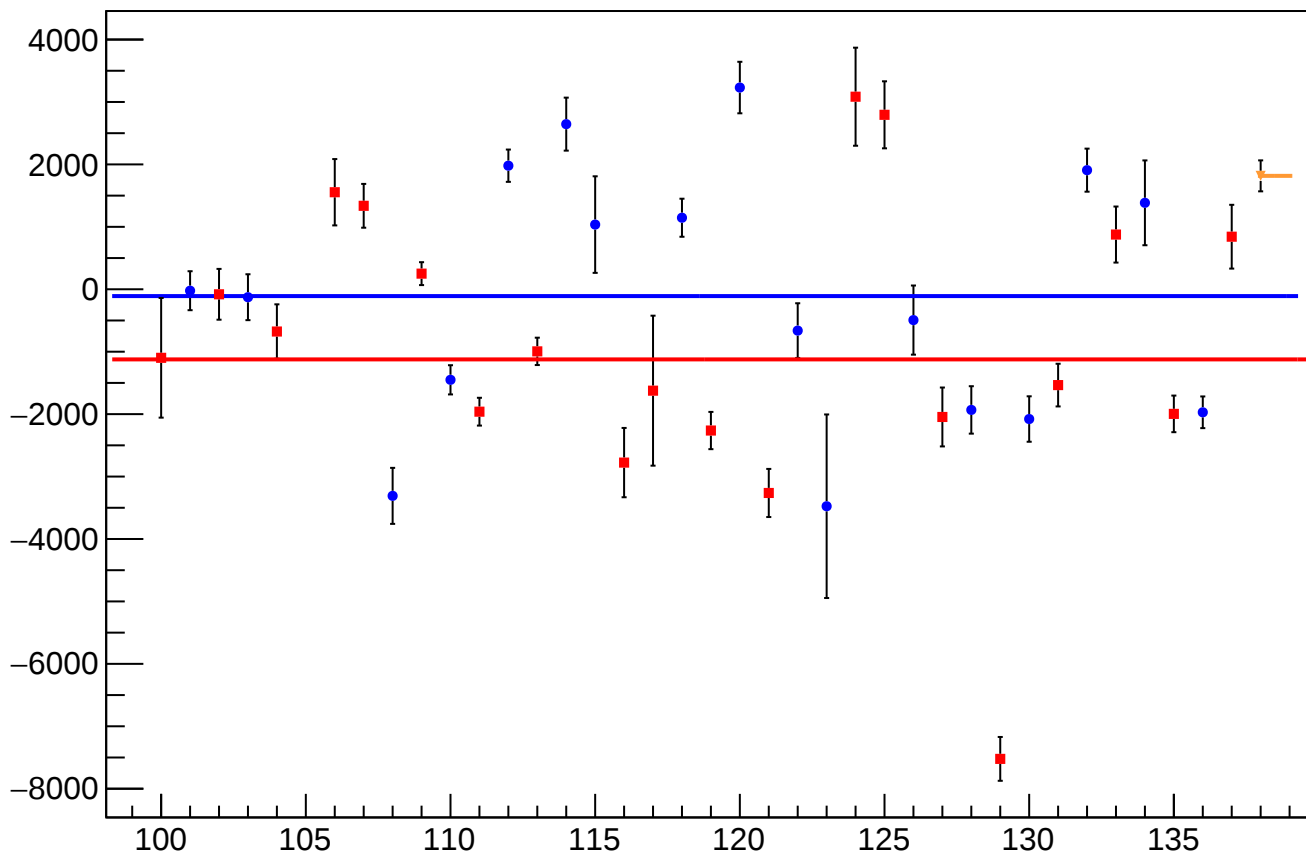
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.458+/-0.001 χ^2/NDF : 12273704.6/17

1.454+/-0.001 χ^2/NDF : 23233367.0/37

1.451+/-0.001 χ^2/NDF : 10959647.1/19

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: -109.225+/-87.961 χ^2/NDF : 428.3/16

Left Out: 1816.614+/-248.032 χ^2/NDF : 0.0/0

Right Out: -1123.337+/-78.230 χ^2/NDF : 670.2/19

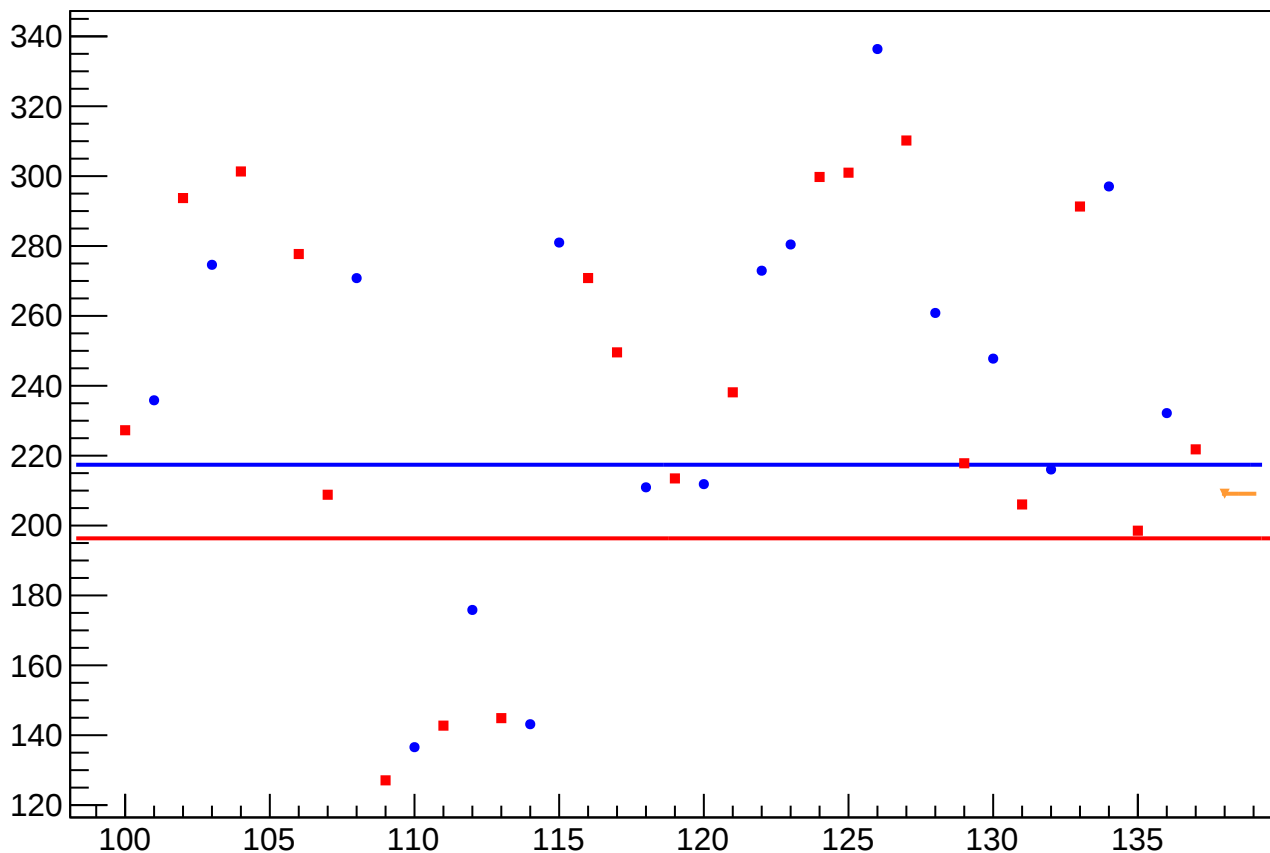
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

105.924+/-82.902 χ^2/NDF : 481.9/17

-544.326+/-56.897 χ^2/NDF : 1268.4/37

-1123.337+/-78.230 χ^2/NDF : 670.2/19

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 217.403 $\pm$ 0.062 χ^2 /NDF: 652632.9/16

Left Out: 209.106 $\pm$ 0.175 χ^2 /NDF: 0.0/0

Right Out: 196.339 $\pm$ 0.055 χ^2 /NDF: 1194805.7/19

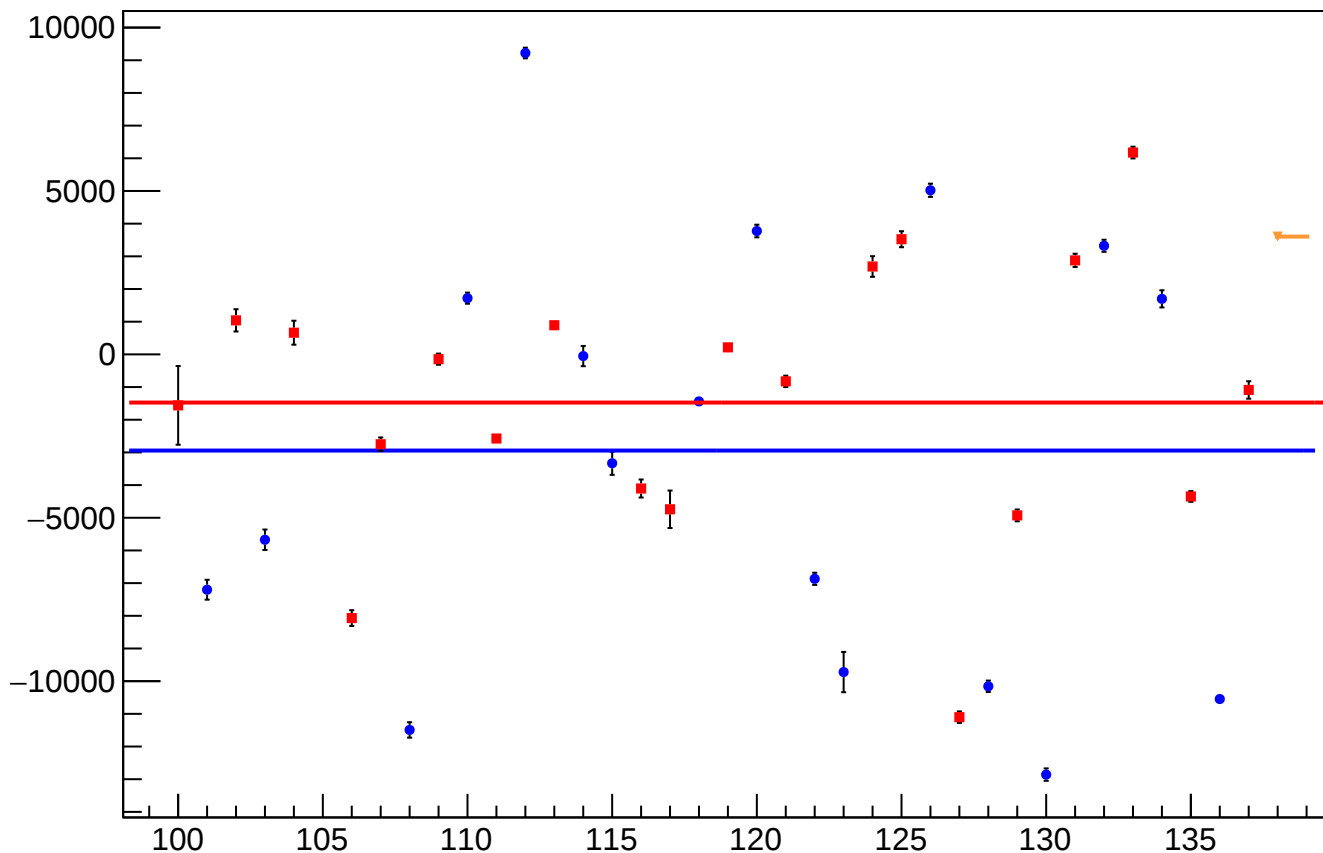
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

216.476 $\pm$ 0.059 χ^2 /NDF: 654620.7/17

205.824 $\pm$ 0.040 χ^2 /NDF: 1911846.2/37

196.339 $\pm$ 0.055 χ^2 /NDF: 1194805.7/19

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -2943.123 ± 48.612 $\chi^2/\text{NDF}: 20909.8/16$

Left Out: 3603.660 ± 140.015 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1474.497 ± 46.252 $\chi^2/\text{NDF}: 8028.6/19$

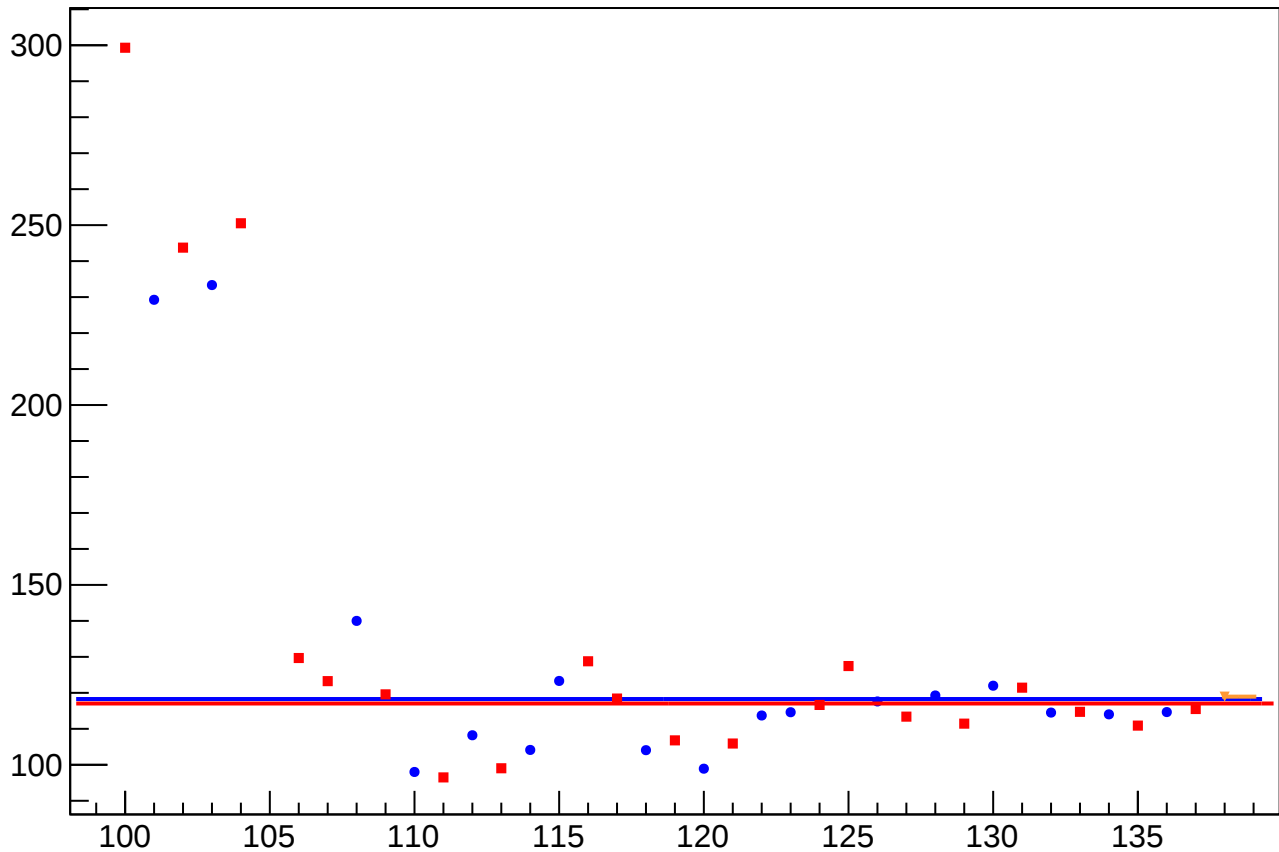
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-2238.850 ± 45.923 $\chi^2/\text{NDF}: 22860.9/17$

-1859.404 ± 32.588 $\chi^2/\text{NDF}: 31027.0/37$

-1474.497 ± 46.252 $\chi^2/\text{NDF}: 8028.6/19$

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 118.286 $\pm$ 0.034 χ^2 /NDF: 636918.0/16

Left Out: 118.947 $\pm$ 0.099 χ^2 /NDF: 0.0/0

Right Out: 117.040 $\pm$ 0.033 χ^2 /NDF: 690873.1/19

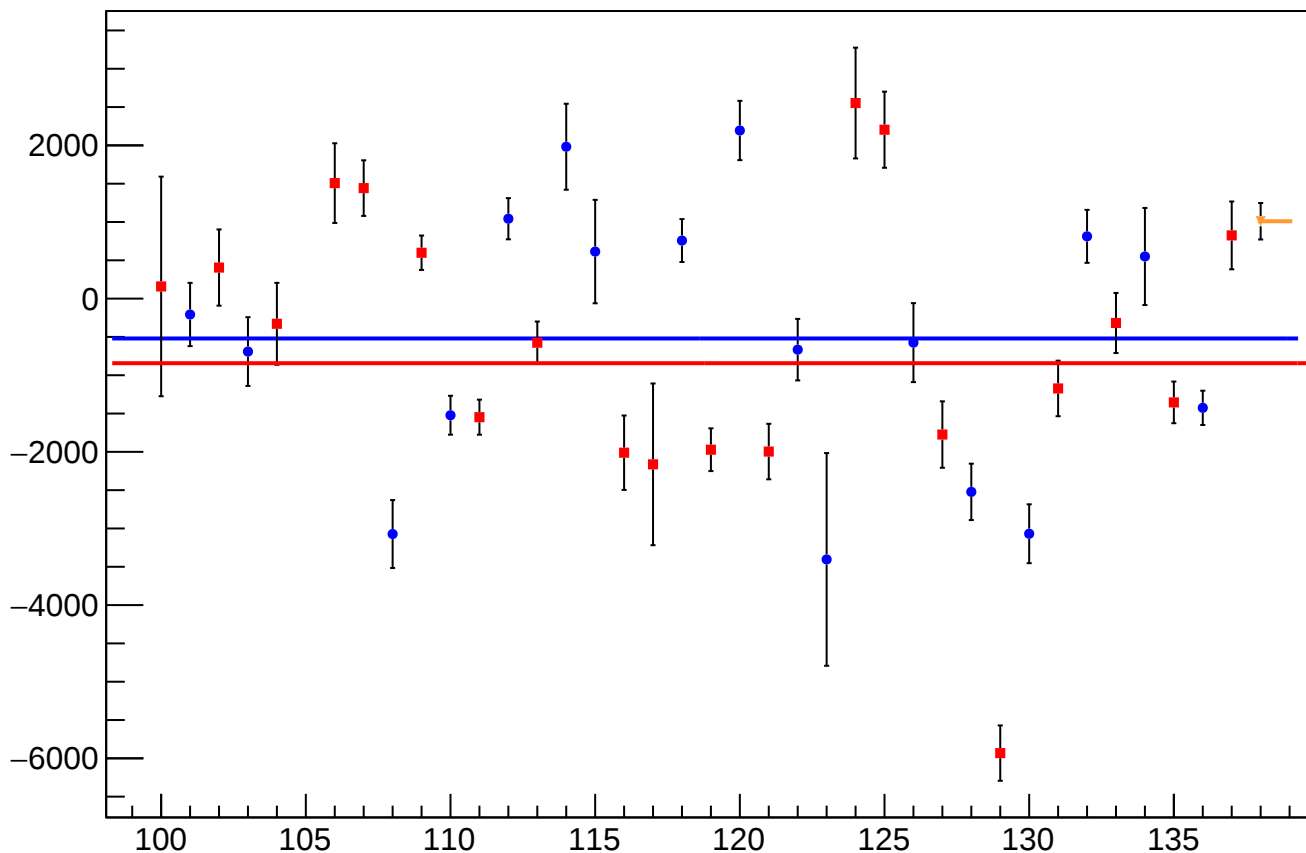
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

118.357 $\pm$ 0.032 χ^2 /NDF: 636957.9/17

117.703 $\pm$ 0.023 χ^2 /NDF: 1328646.7/37

117.040 $\pm$ 0.033 χ^2 /NDF: 690873.1/19

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -520.267+/-89.241 χ^2/NDF : 288.1/16

Left Out: 1009.713+/-238.051 χ^2/NDF : 0.0/0

Right Out: -842.858+/-82.024 χ^2/NDF : 436.3/19

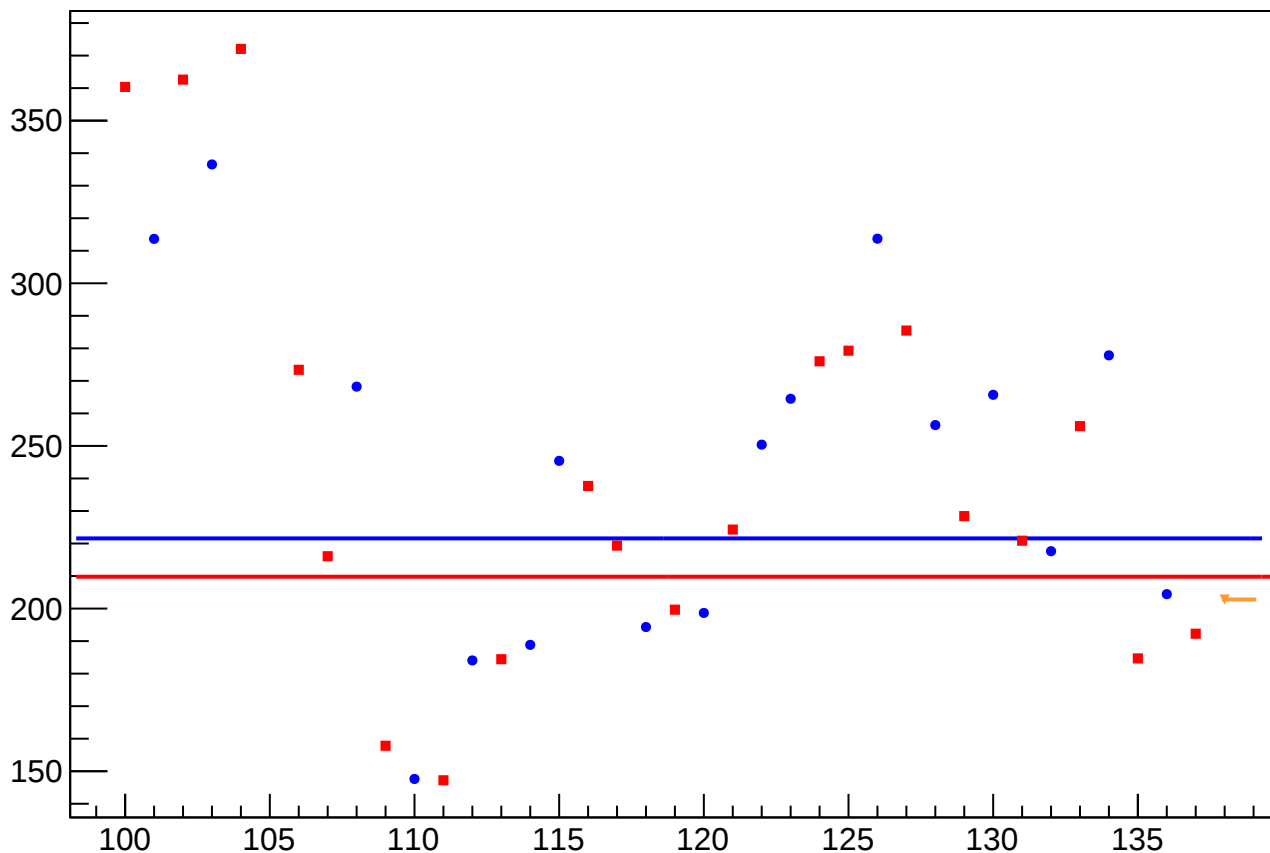
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-331.744+/-83.562 χ^2/NDF : 324.3/17

-592.047+/-58.536 χ^2/NDF : 779.7/37

-842.858+/-82.024 χ^2/NDF : 436.3/19

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 221.570 ± 0.063 χ^2/NDF : 644941.4/16

Left Out: 202.787 ± 0.168 χ^2/NDF : 0.0/0

Right Out: 209.794 ± 0.058 χ^2/NDF : 884087.4/19

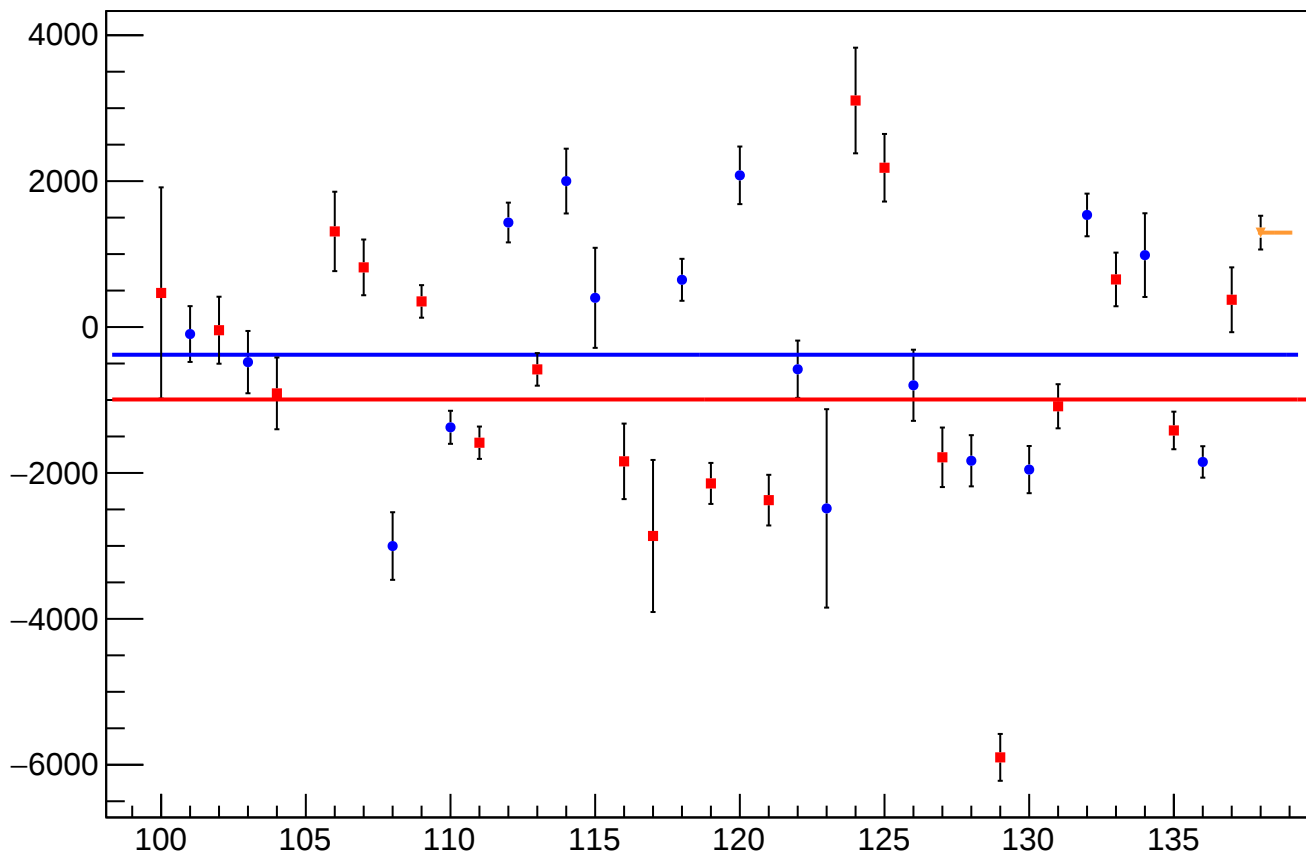
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

219.255 ± 0.059 χ^2/NDF : 655857.7/17

214.437 ± 0.041 χ^2/NDF : 1553003.1/37

209.794 ± 0.058 χ^2/NDF : 884087.4/19

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -379.647 ± 84.260 χ^2/NDF : 317.2/16

Left Out: 1294.149 ± 231.329 χ^2/NDF : 0.0/0

Right Out: -992.944 ± 77.509 χ^2/NDF : 479.5/19

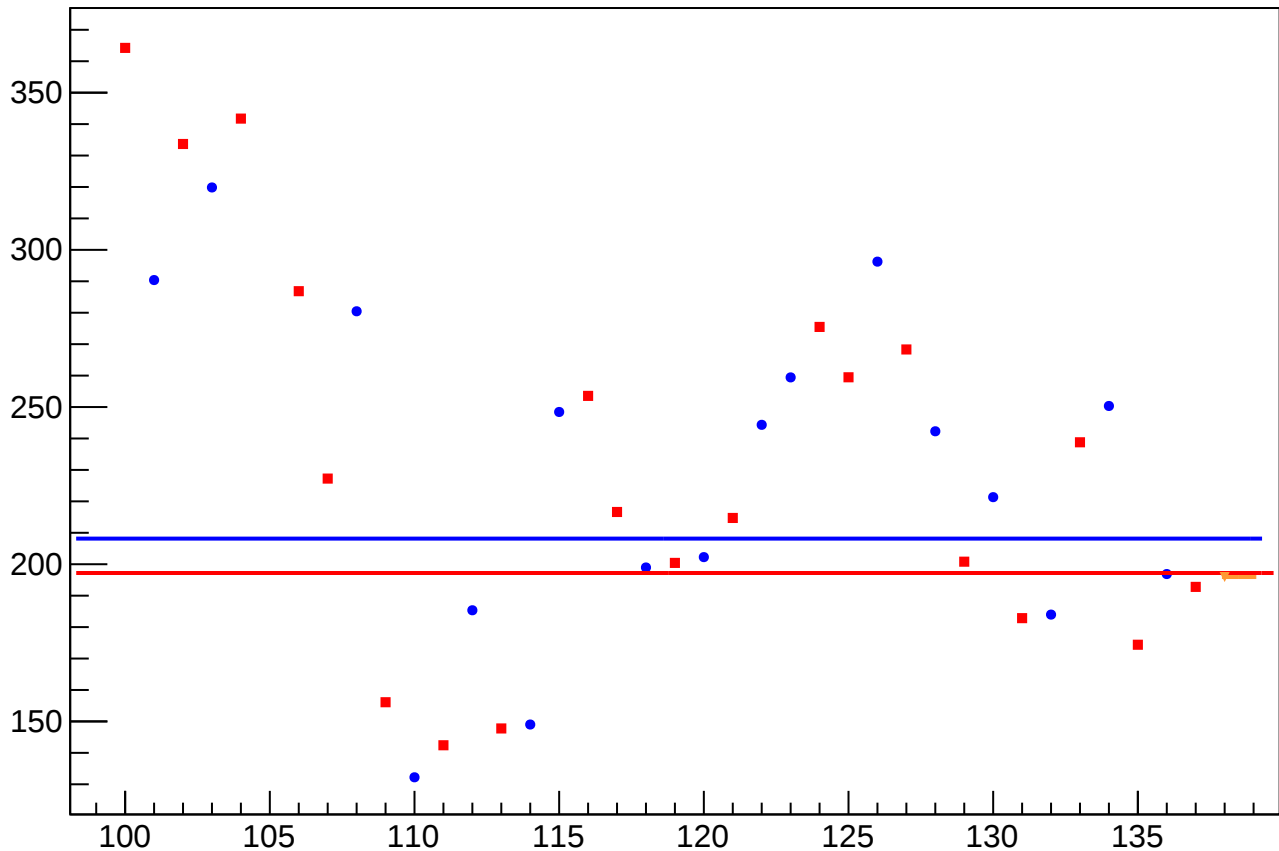
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-183.593 ± 79.171 χ^2/NDF : 363.4/17

-596.853 ± 55.386 χ^2/NDF : 896.2/37

-992.944 ± 77.509 χ^2/NDF : 479.5/19

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 208.151 ± 0.060 χ^2/NDF : 699084.2/16

Left Out: 195.931 ± 0.164 χ^2/NDF : 0.0/0

Right Out: 197.210 ± 0.055 χ^2/NDF : 927165.0/19

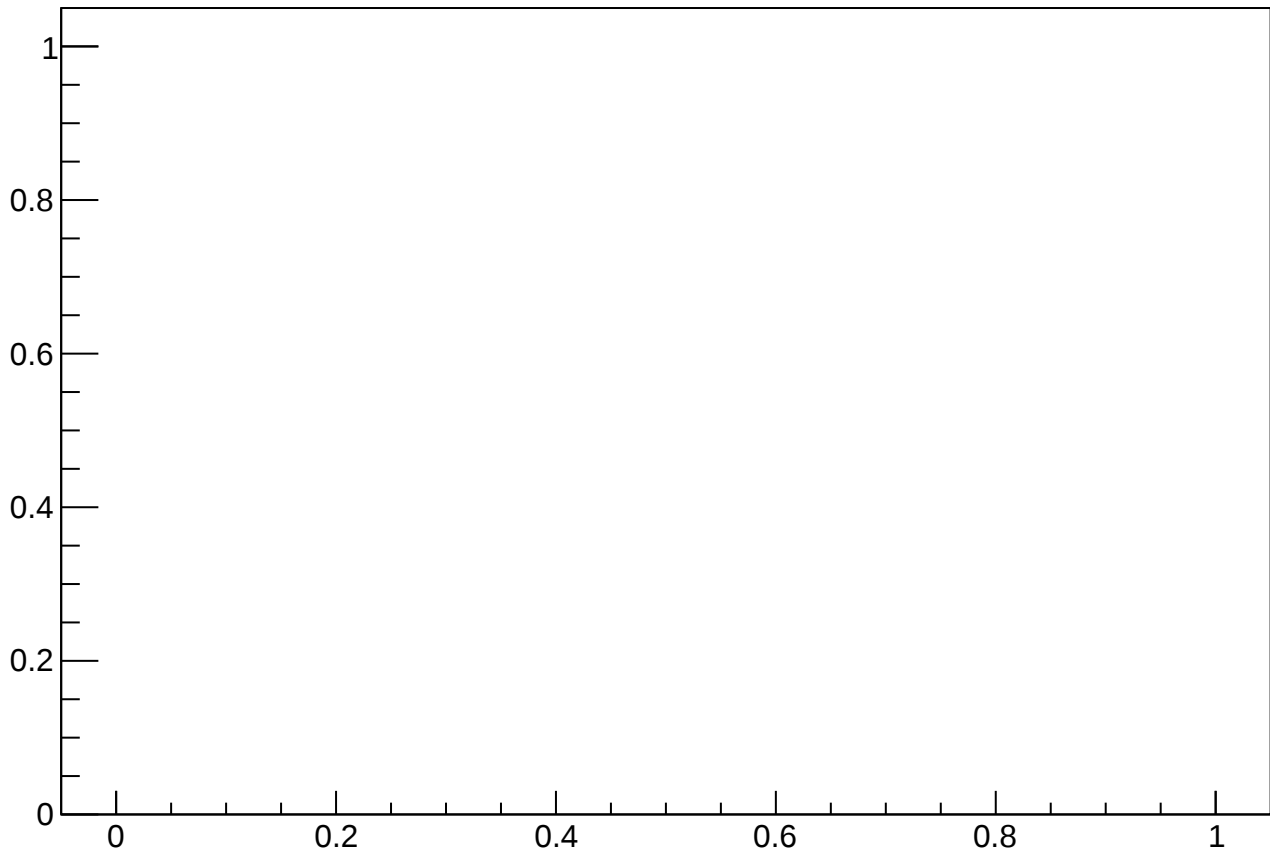
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

206.719 ± 0.056 χ^2/NDF : 704011.6/17

201.864 ± 0.039 χ^2/NDF : 1645908.2/37

197.210 ± 0.055 χ^2/NDF : 927165.0/19

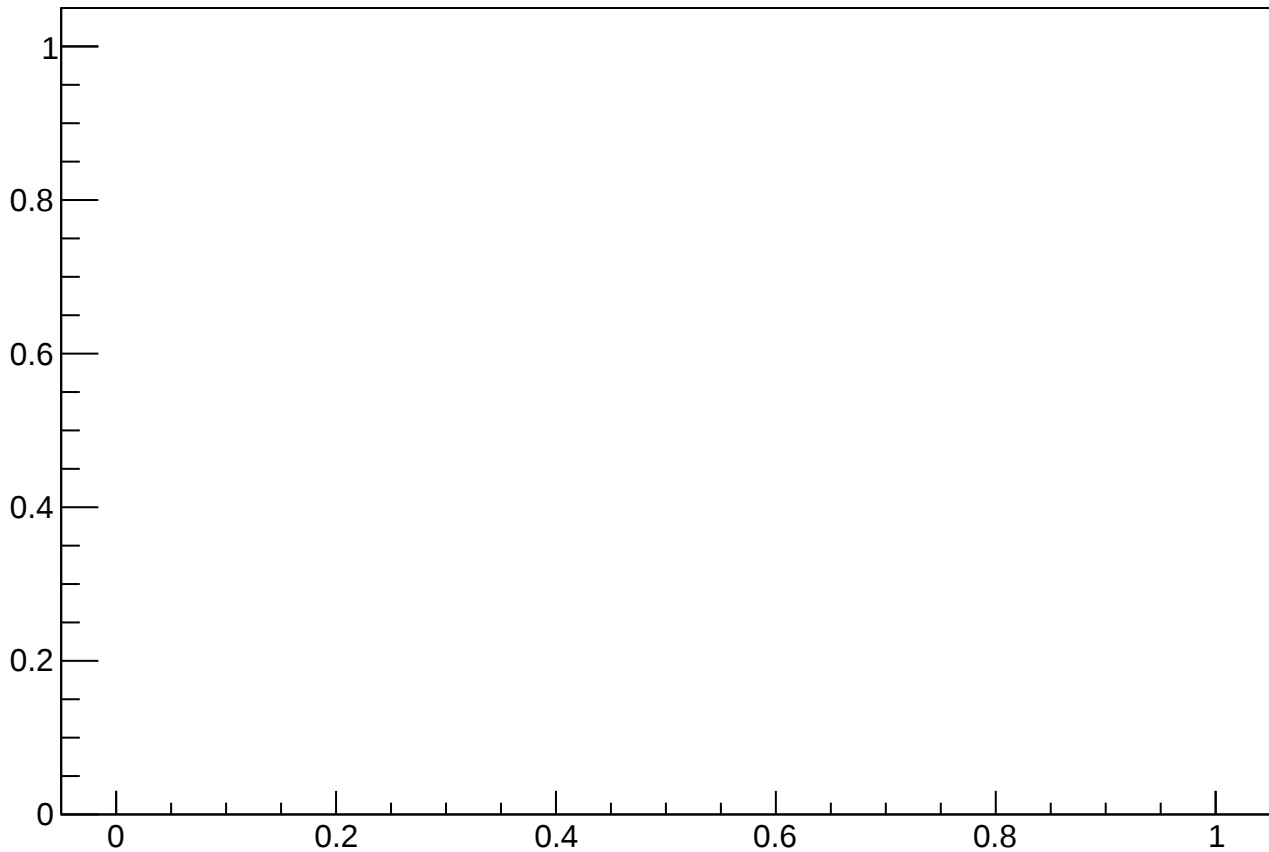
bcm_an_us_ds_dd_mean vs Slug, Sign Corrected



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

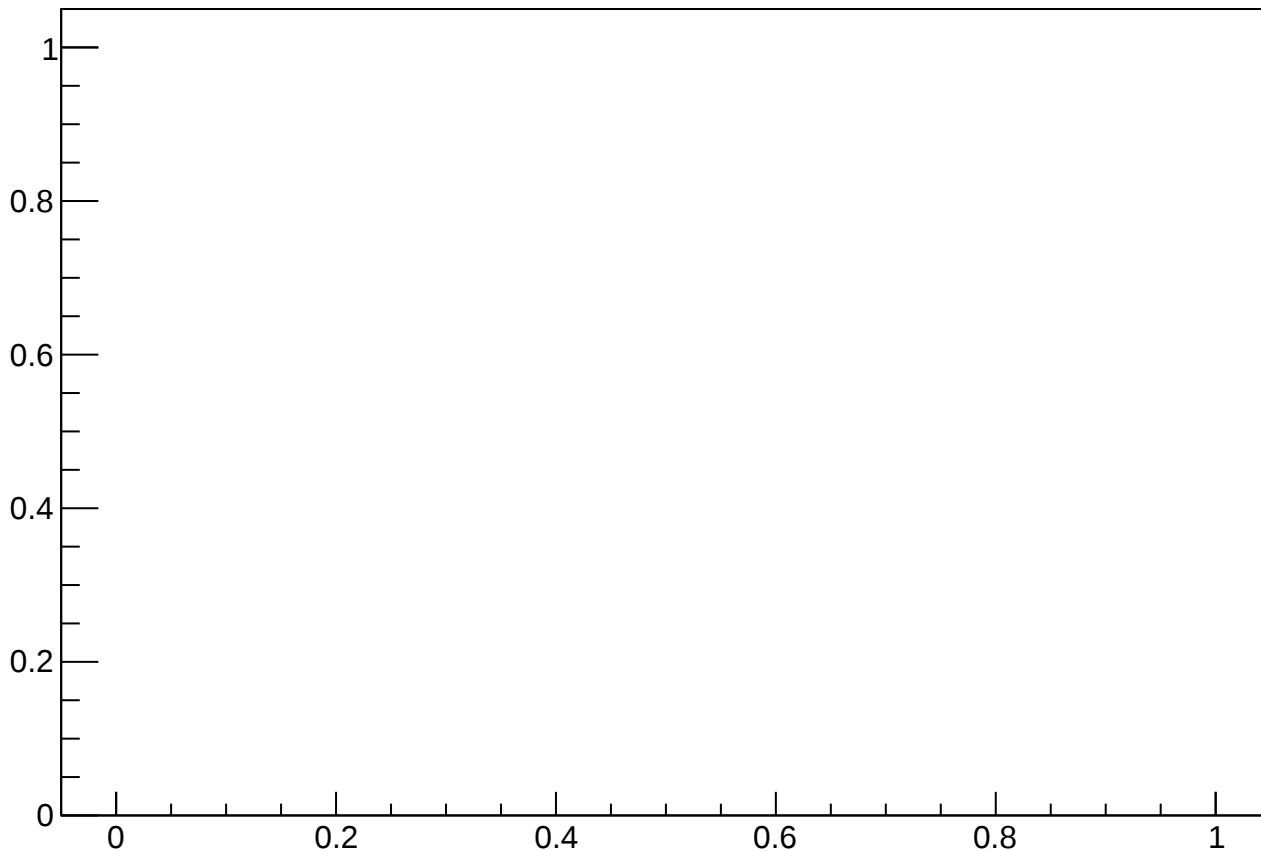
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

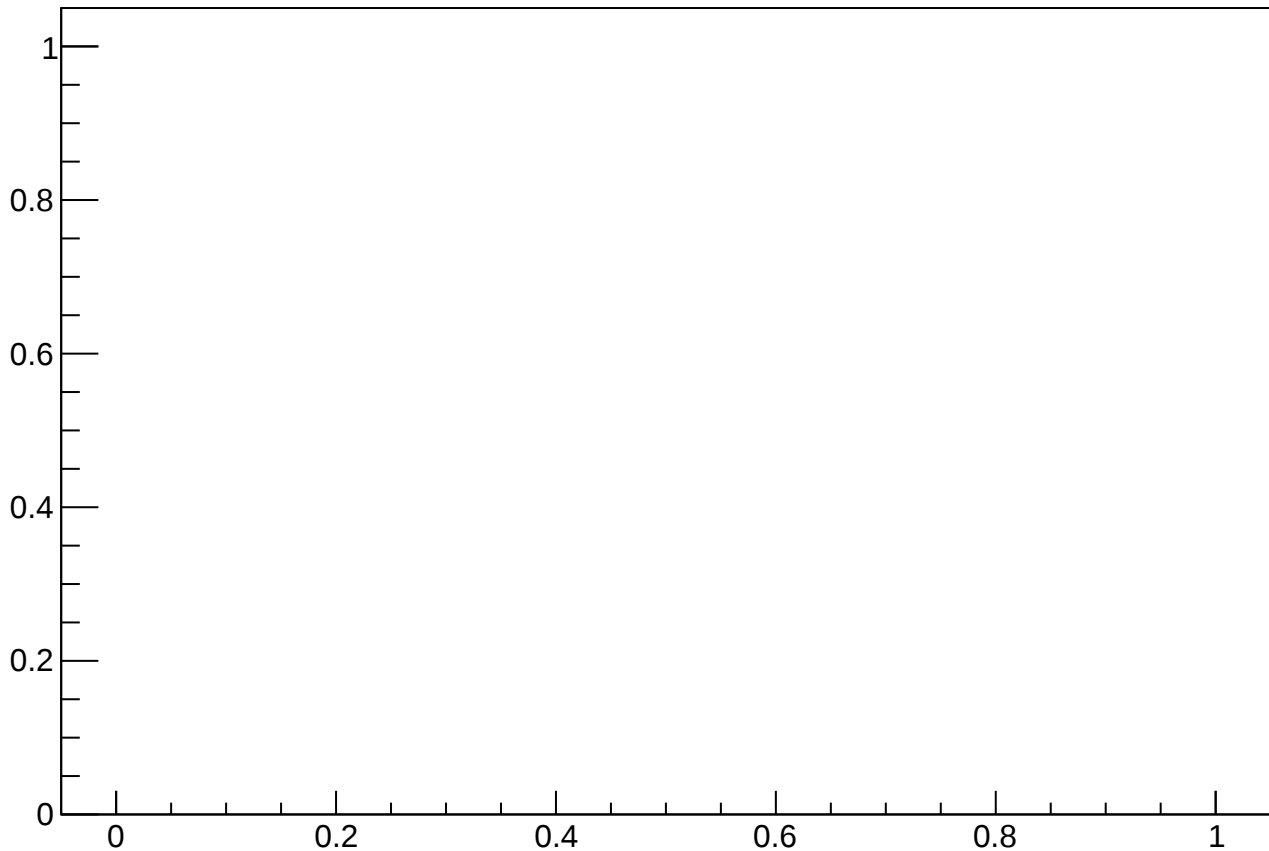
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

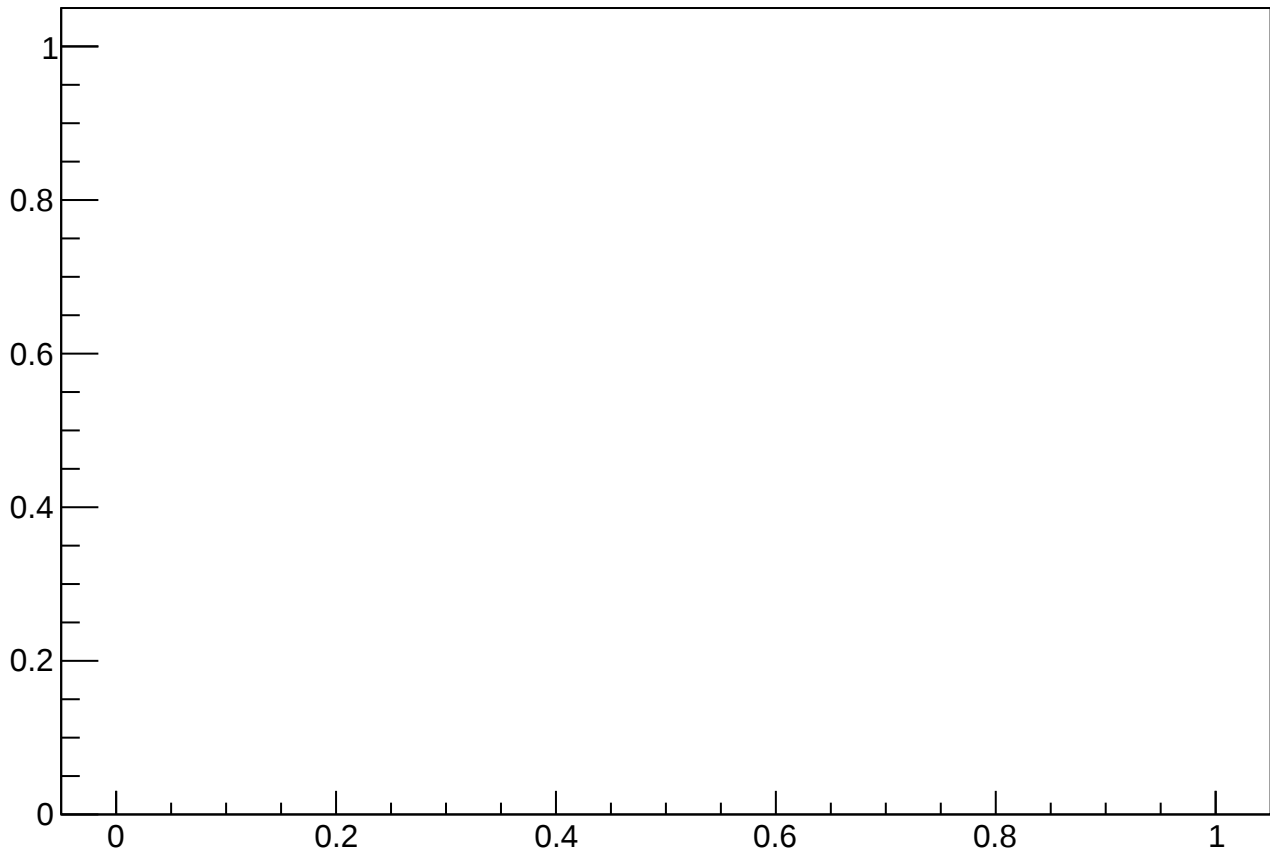
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

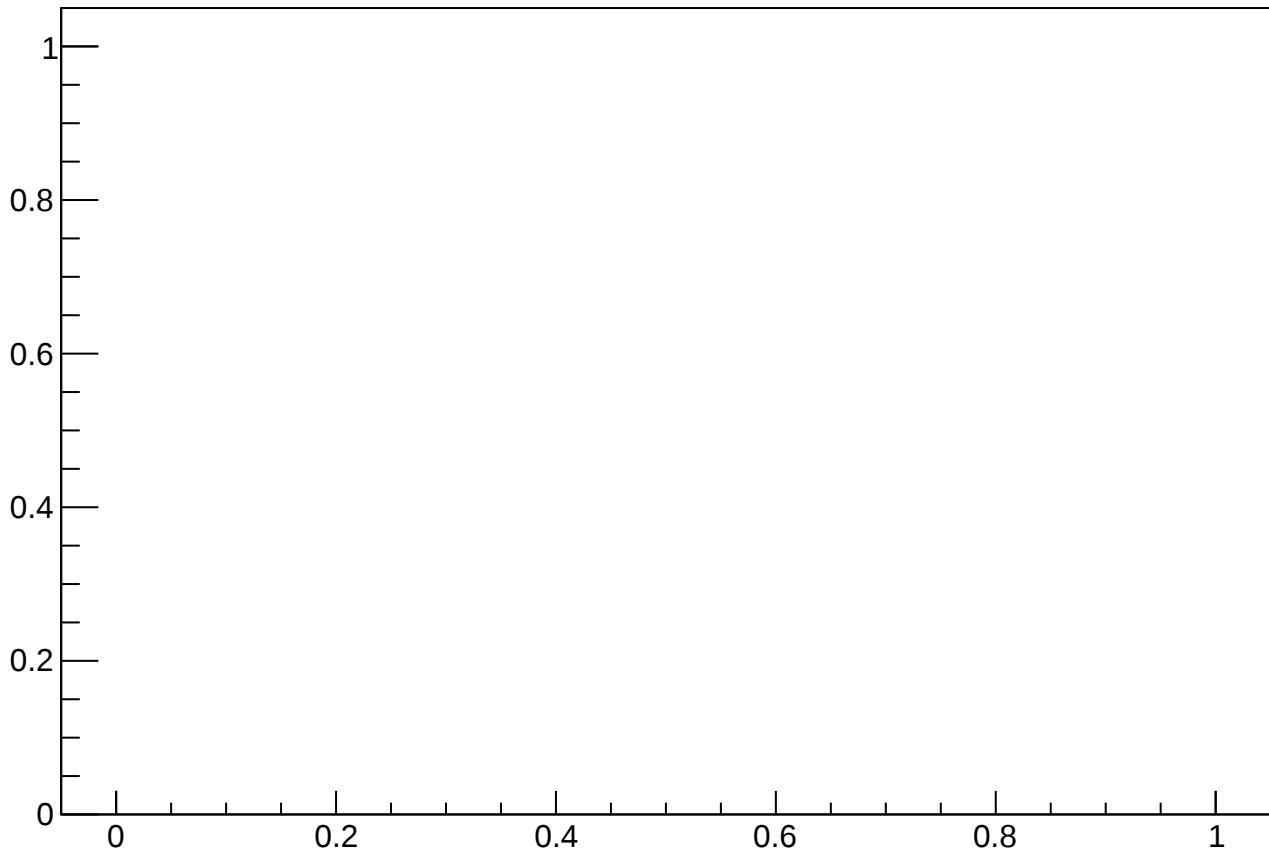
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

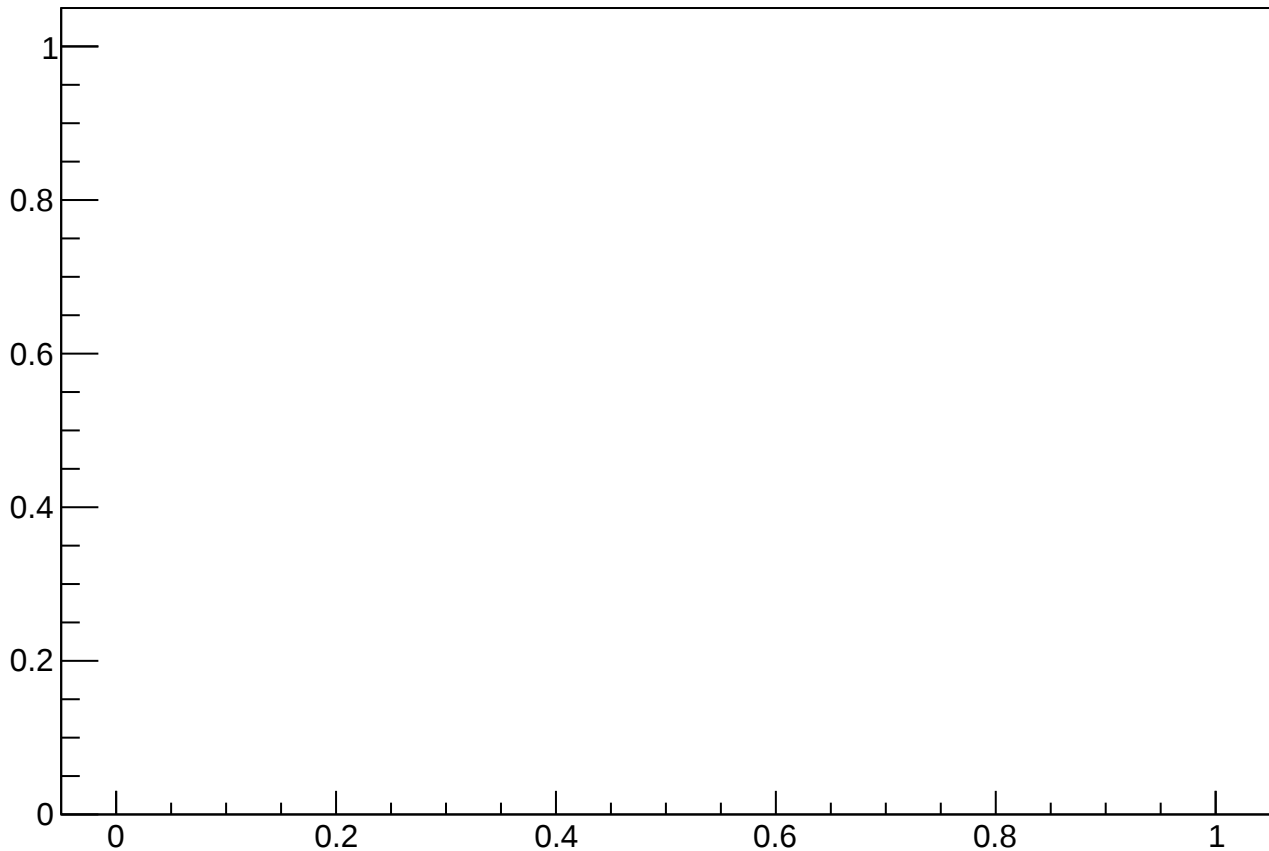
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

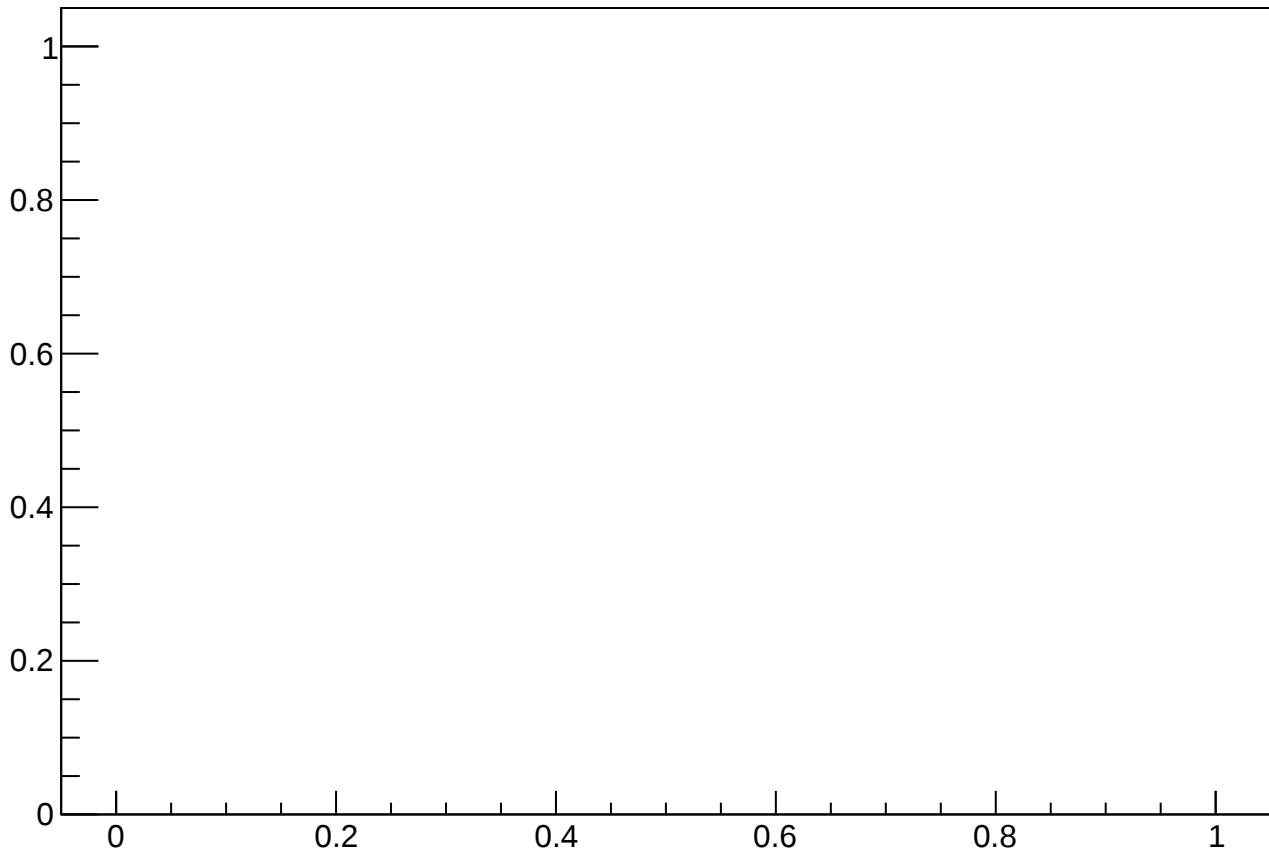
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

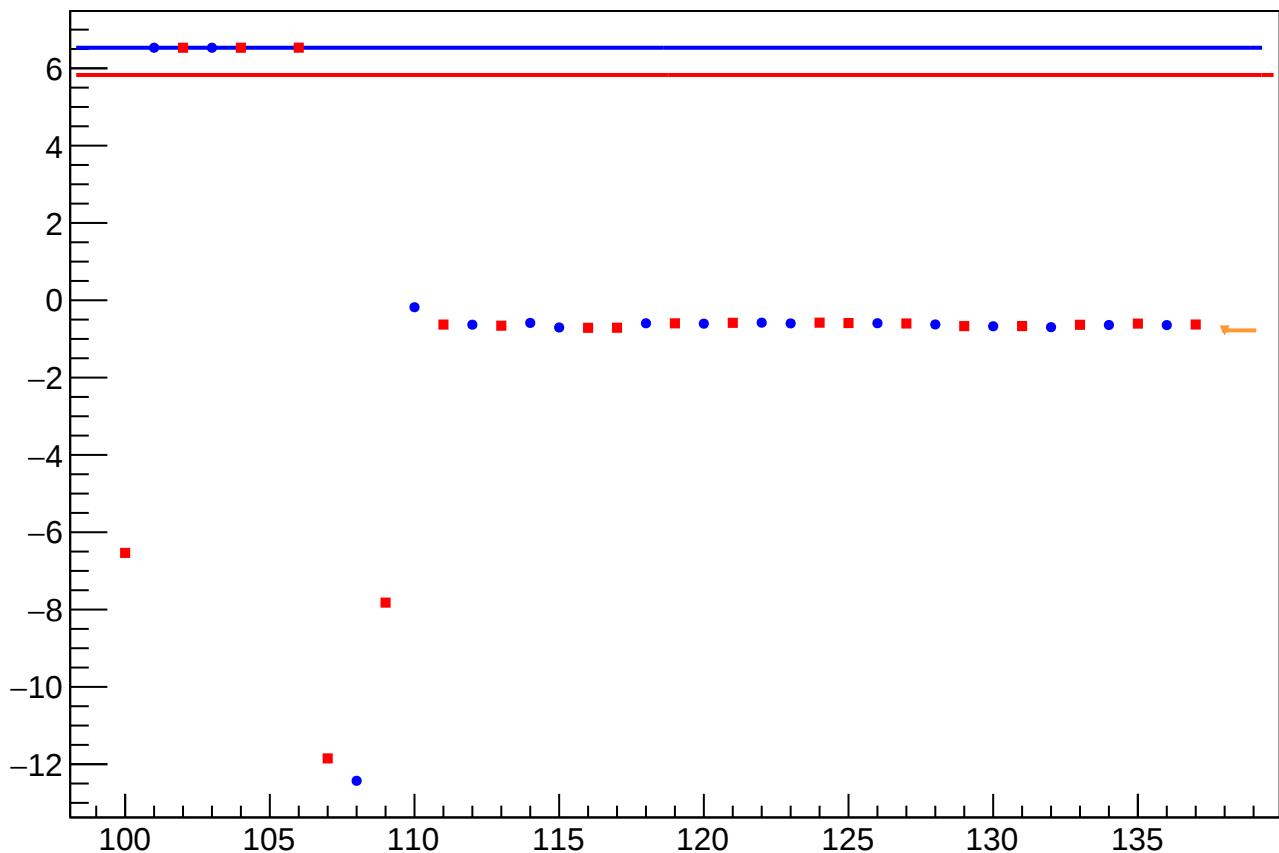
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 127219747629.7/16

Left Out: -0.780 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.827 $\pm$ 0.000 χ^2 /NDF: 755964092355063.0/19

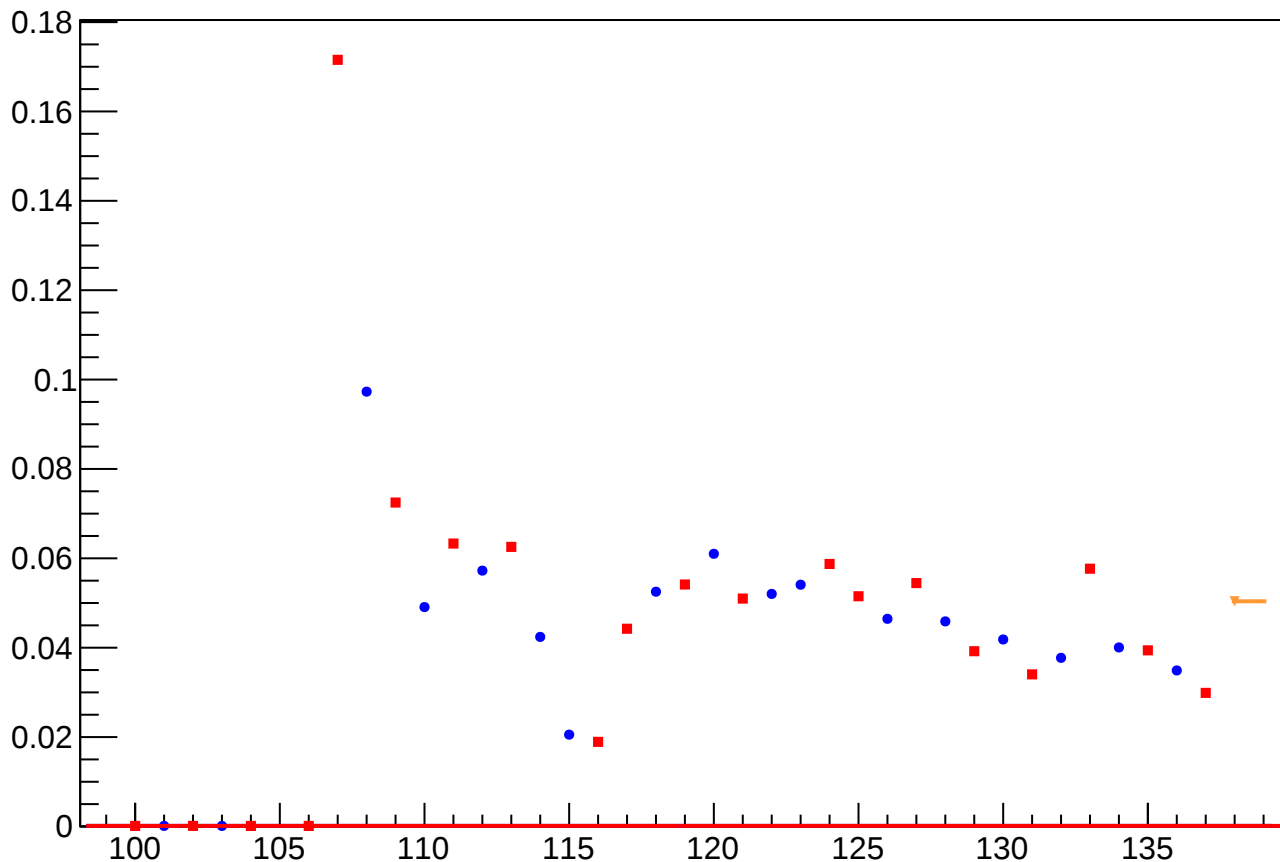
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6.532 $\pm$ 0.000 χ^2 /NDF: 140064952434.7/17

6.155 $\pm$ 0.000 χ^2 /NDF: 77610709608647

5.827 $\pm$ 0.000 χ^2 /NDF: 755964092355063.0/19

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8888070.2/16

Left Out: 0.050+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9429256.2/19

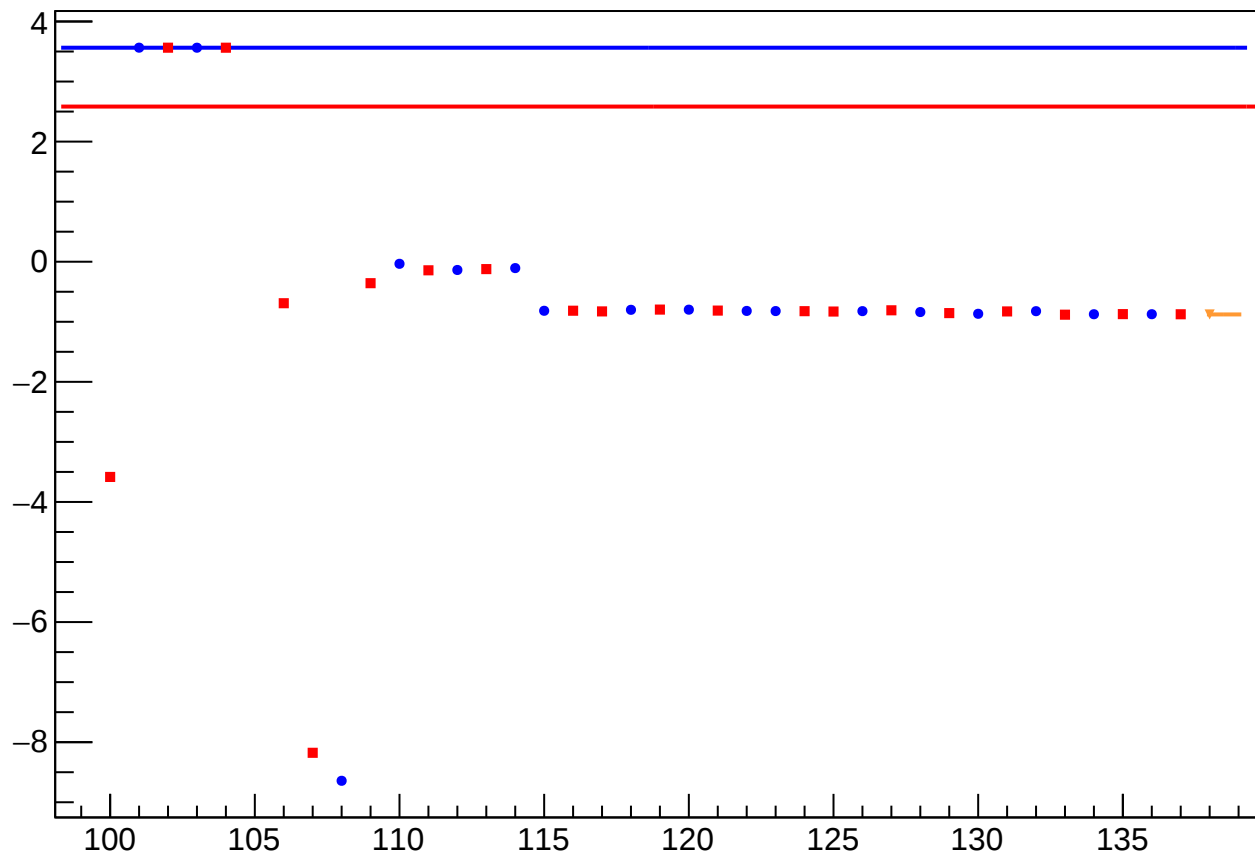
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 10102194.1/17

0.000+/-0.000 χ^2/NDF : 19531740.2/37

0.000+/-0.000 χ^2/NDF : 9429256.2/19

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 3.563+/-0.000 χ^2/NDF : 481634392464.0/16

Left Out: -0.878+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.583+/-0.000 χ^2/NDF : 1253503502448656.2/19

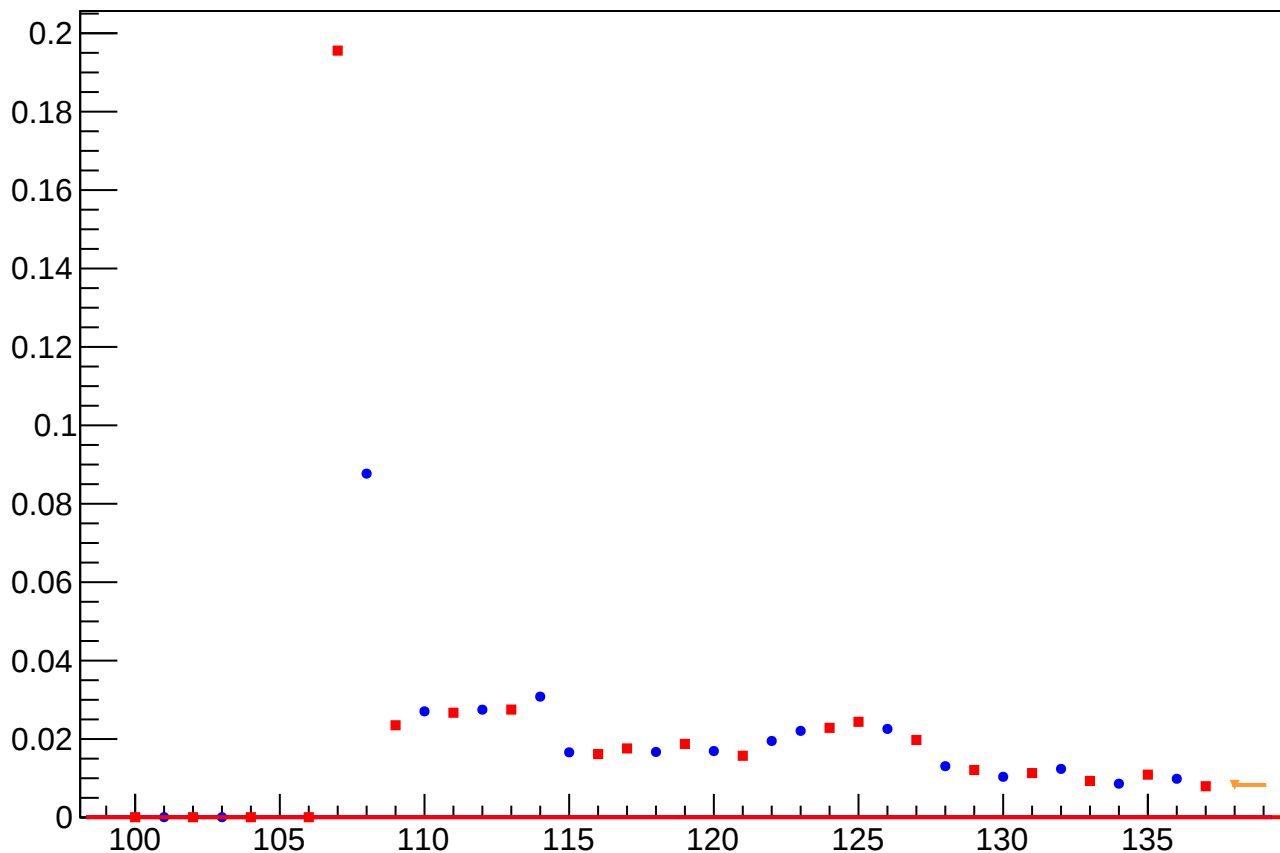
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.563+/-0.000 χ^2/NDF : 683306455103.7/17

3.040+/-0.000 χ^2/NDF : 13824135010964

2.583+/-0.000 χ^2/NDF : 1253503502448656.2/19

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9724059.3/16

Left Out: 0.008+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9937459.6/19

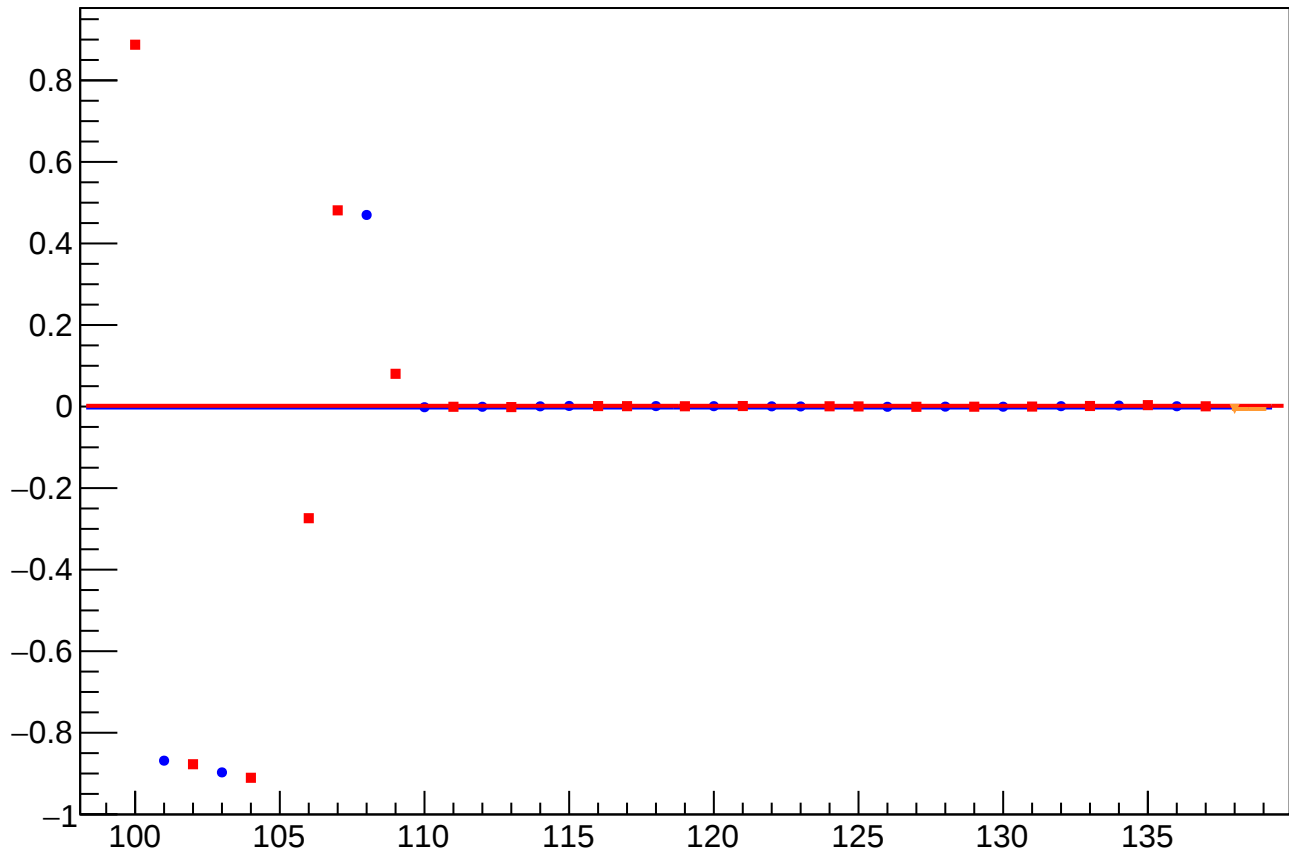
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 11108059.5/17

0.000+/-0.000 χ^2/NDF : 21045999.9/37

0.000+/-0.000 χ^2/NDF : 9937459.6/19

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.002+/-0.000 χ^2/NDF : 9794863405.3/16

Left Out: -0.006+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3041323813.4/19

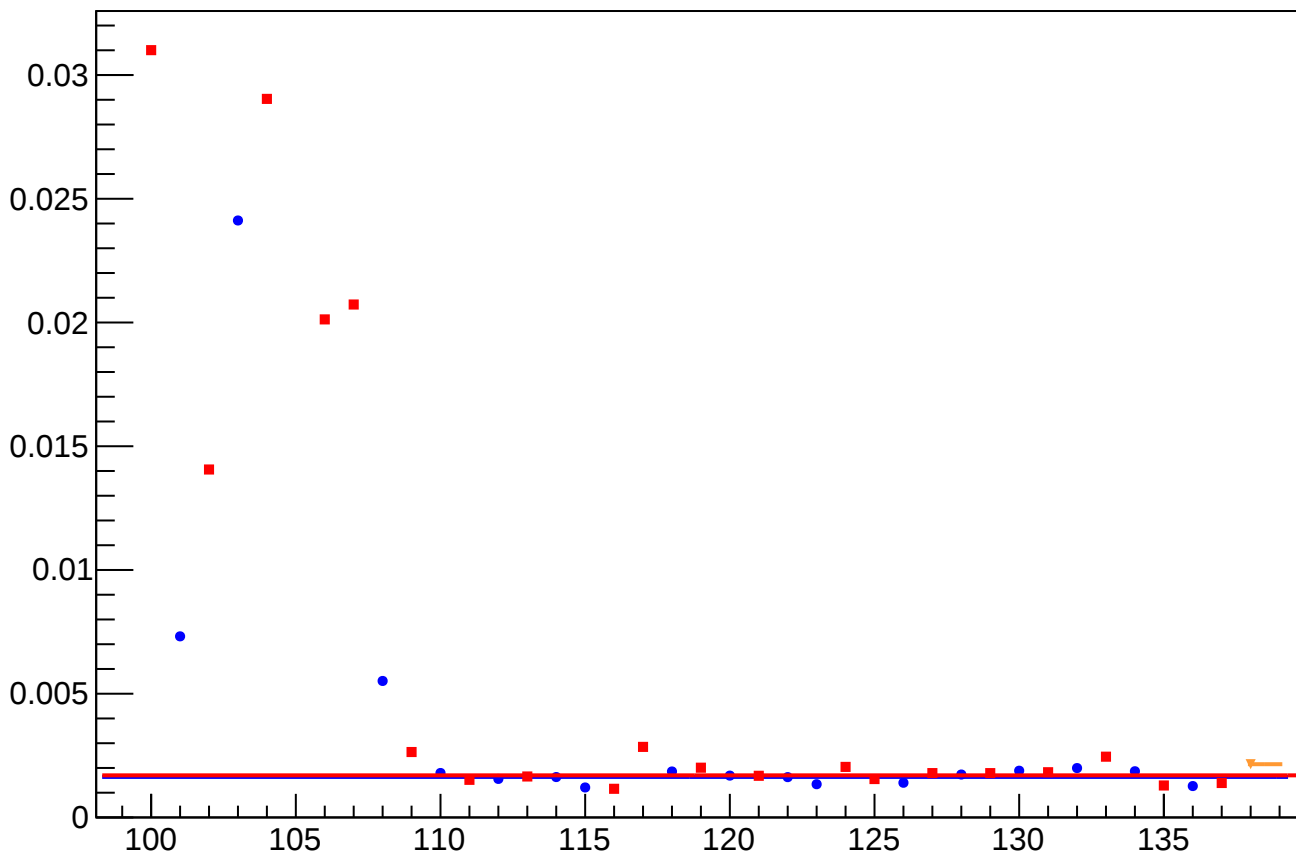
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.003+/-0.000 χ^2/NDF : 9796430472.0/17

-0.001+/-0.000 χ^2/NDF : 12854298683.9/17

0.002+/-0.000 χ^2/NDF : 3041323813.4/19

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1916349.1/16

Left Out: 0.002+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3037006.7/19

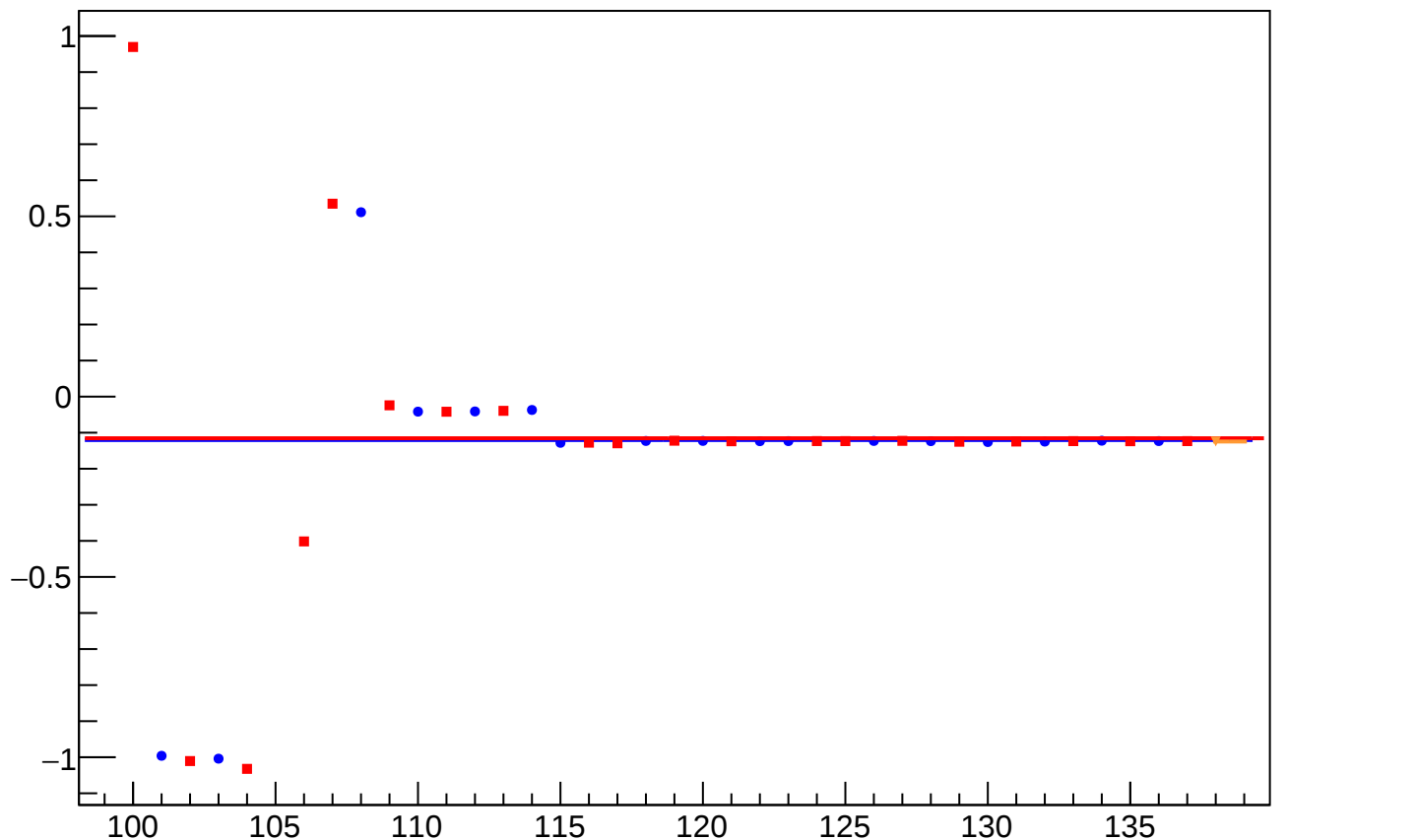
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 1979350.2/17

0.002+/-0.000 χ^2/NDF : 5017553.0/37

0.002+/-0.000 χ^2/NDF : 3037006.7/19

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.120+/-0.000 χ^2/NDF : 3932144335.2/16

Left Out: -0.124+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.115+/-0.000 χ^2/NDF : 2458475073.1/19

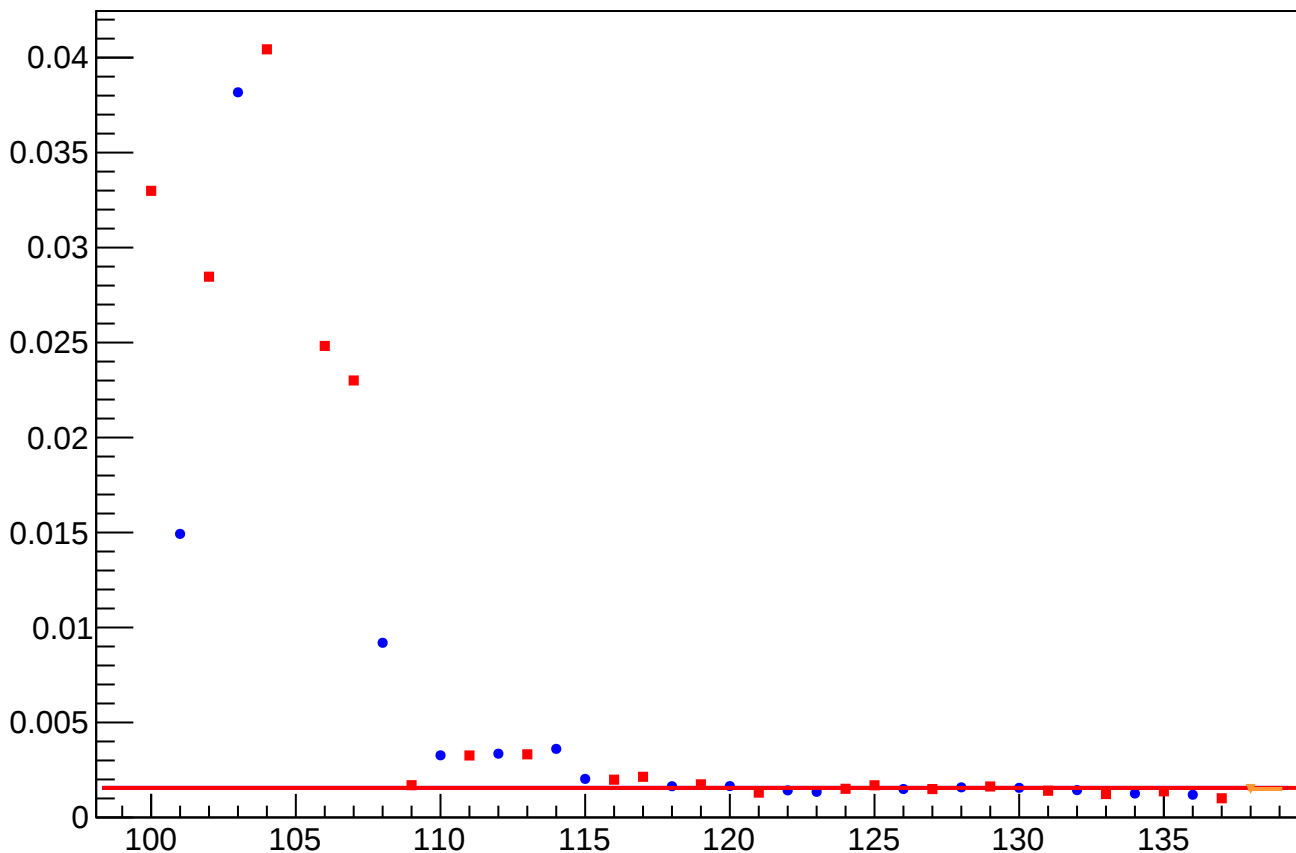
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.121+/-0.000 χ^2/NDF : 3936461362.4/17

-0.118+/-0.000 χ^2/NDF : 6424406913.9/3

-0.115+/-0.000 χ^2/NDF : 2458475073.1/19

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 2901093.3/16

Left Out: 0.001 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 3545212.9/19

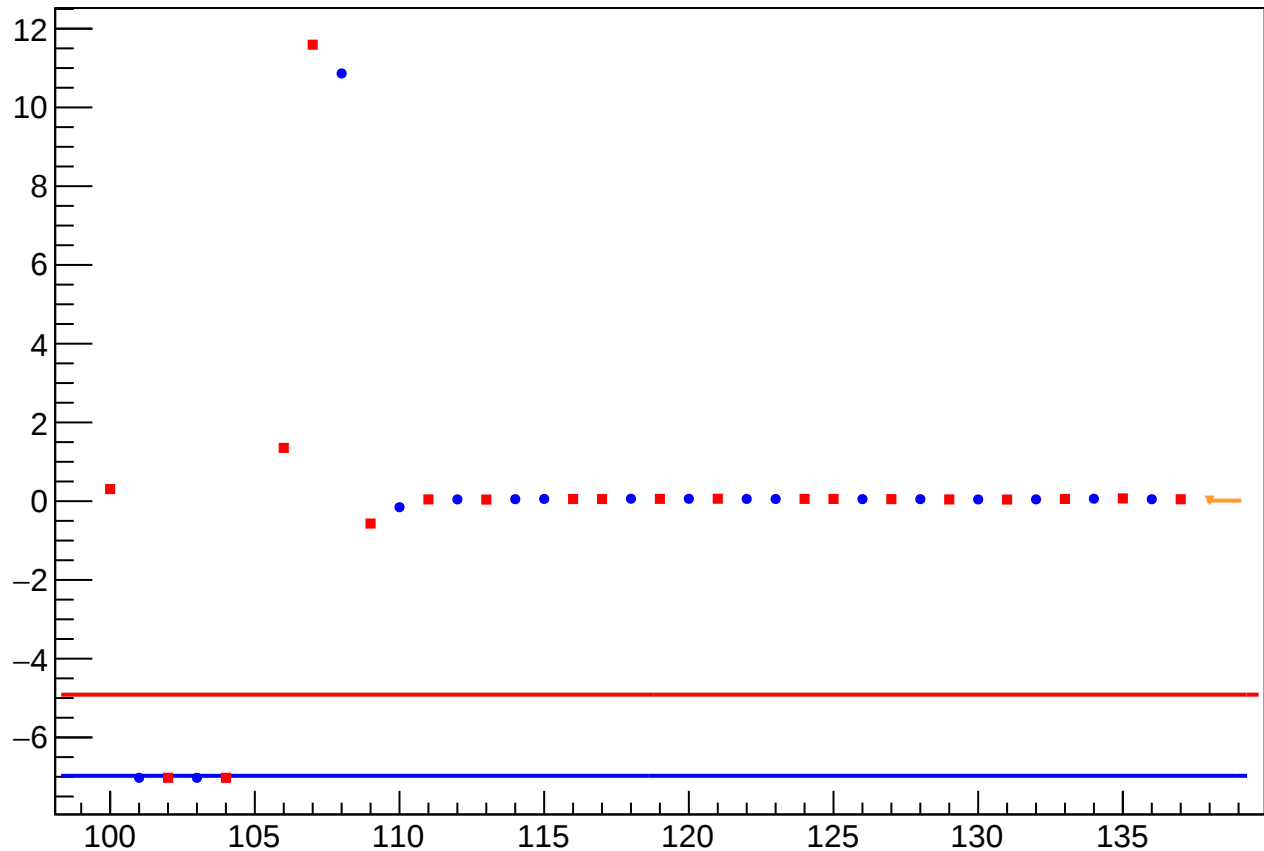
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.002 $\pm$ 0.000 χ^2 /NDF: 2902879.9/17

0.002 $\pm$ 0.000 χ^2 /NDF: 6448161.9/37

0.002 $\pm$ 0.000 χ^2 /NDF: 3545212.9/19

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -6.975+/-0.000 χ^2/NDF : 8749579700722.8/16

Left Out: 0.014+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.914+/-0.000 χ^2/NDF : 365362121338855.3/19

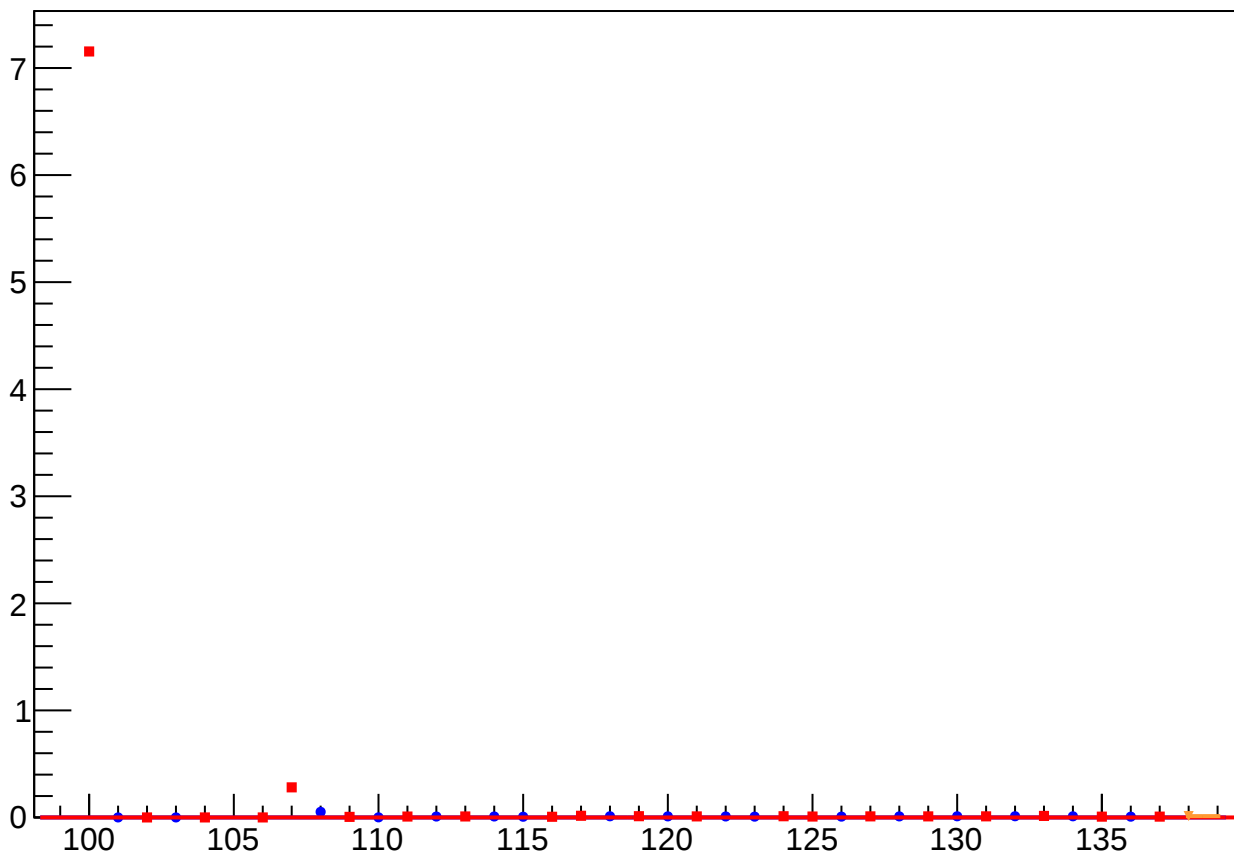
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.974+/-0.000 χ^2/NDF : 8934337605581.8/17

-5.899+/-0.000 χ^2/NDF : 43044576975210

-4.914+/-0.000 χ^2/NDF : 365362121338855.3/19

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8242728.7/16

Left Out: 0.013+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8854773.0/19

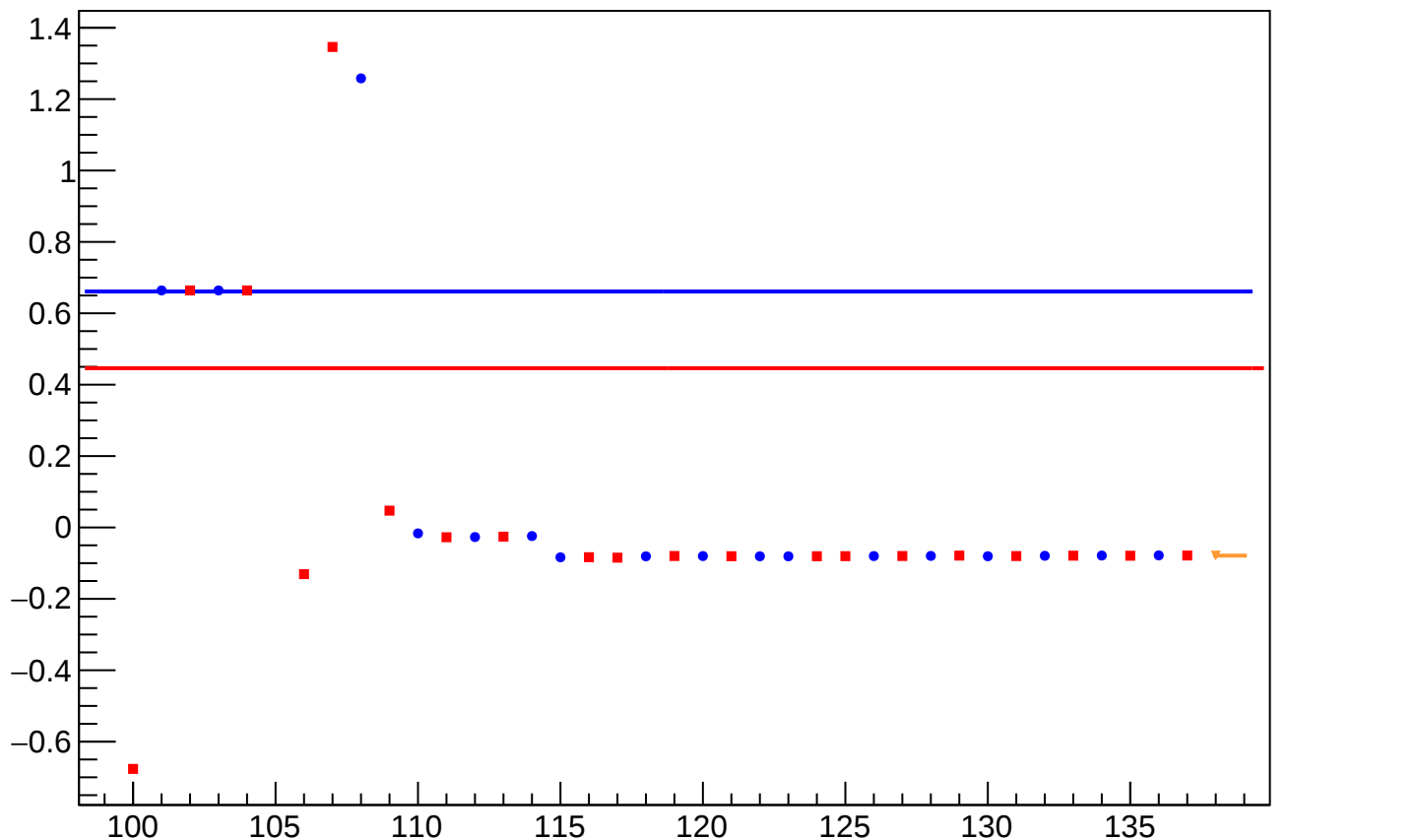
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 9414170.6/17

0.000+/-0.000 χ^2/NDF : 18269621.8/37

0.000+/-0.000 χ^2/NDF : 8854773.0/19

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.661+/-0.000 χ^2/NDF : 5607525081216.0/16

Left Out: -0.079+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.446+/-0.000 χ^2/NDF : 405423069582977.9/19

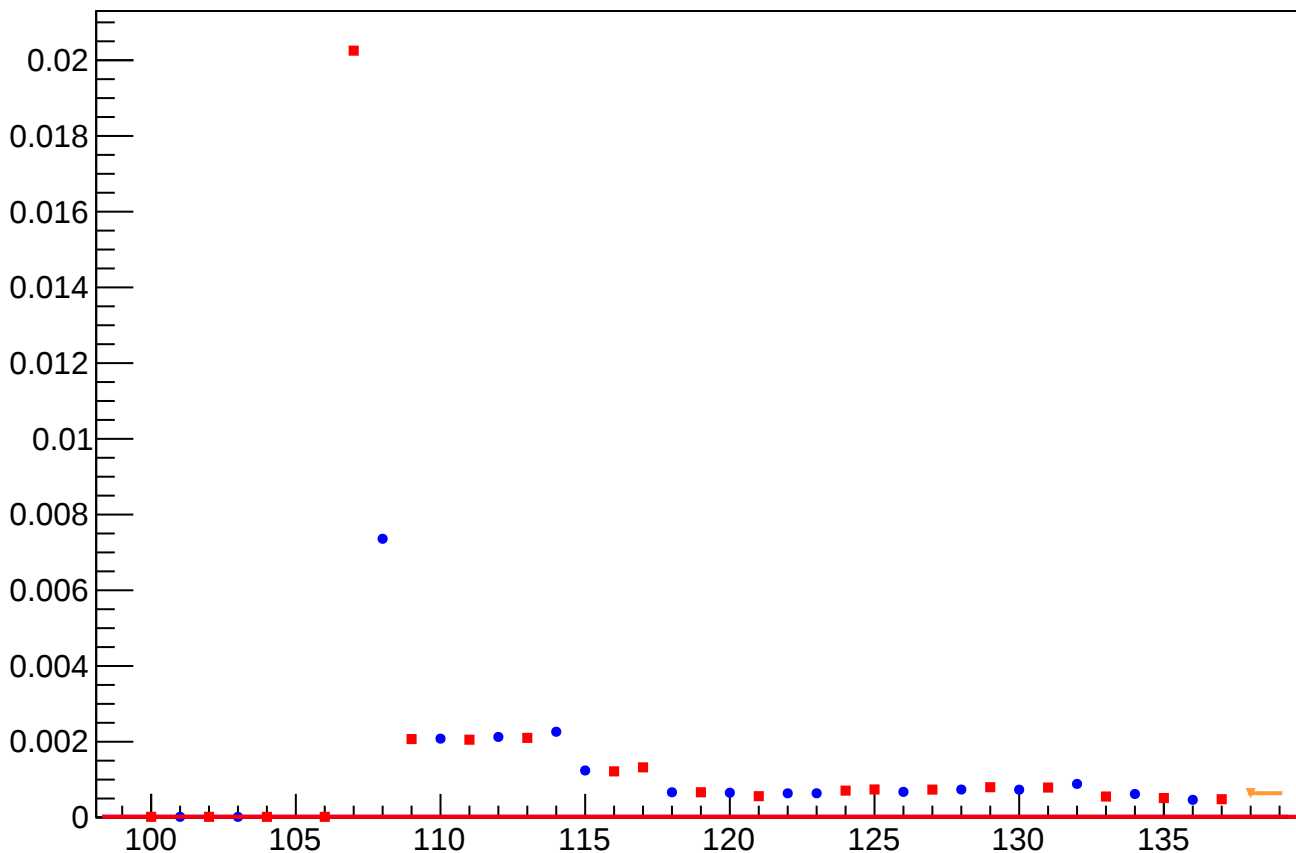
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.661+/-0.000 χ^2/NDF : 6544385183947.2/17

0.549+/-0.000 χ^2/NDF : 47463052445041

0.446+/-0.000 χ^2/NDF : 405423069582977.9/19

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9874012.7/16

Left Out: 0.001+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9555089.8/19

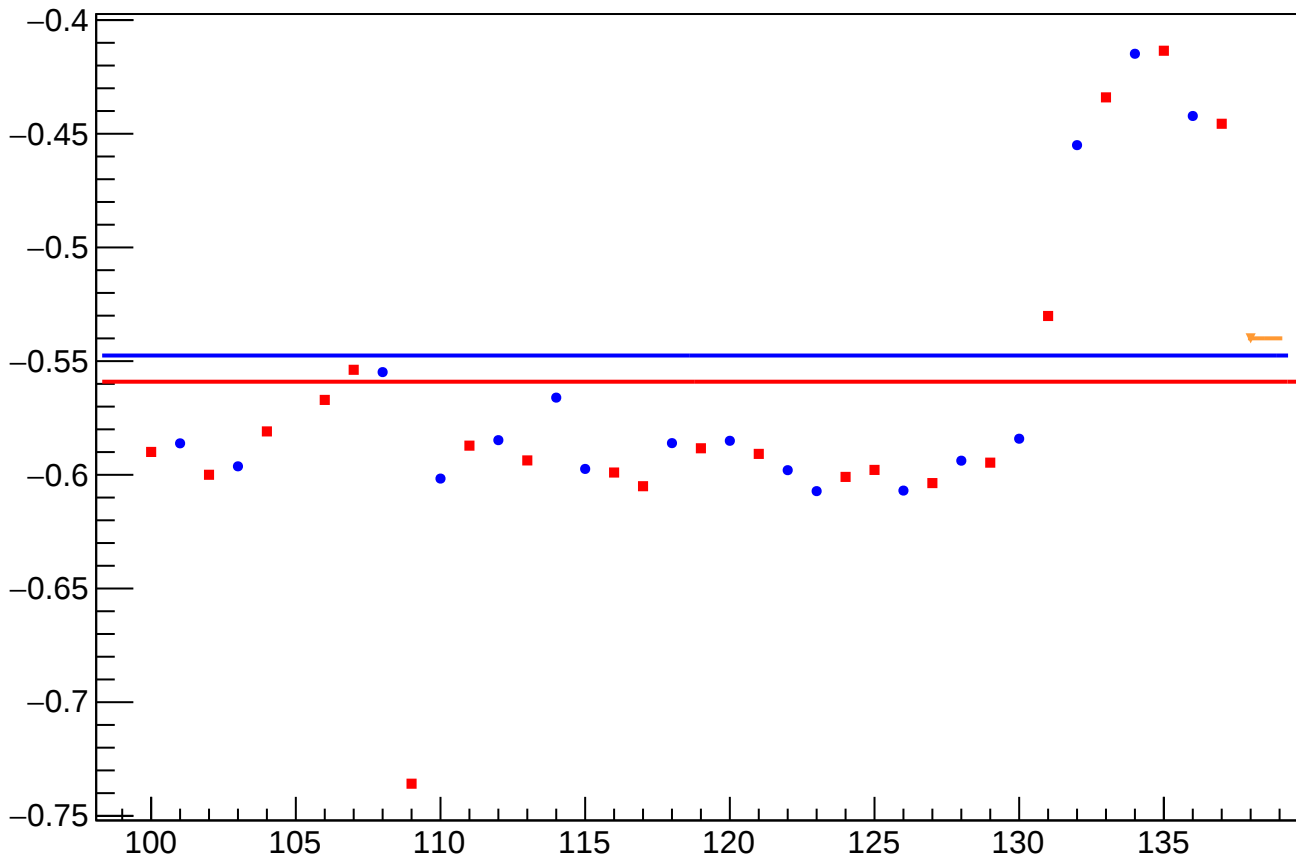
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 11195872.0/17

0.000+/-0.000 χ^2/NDF : 20751517.2/37

0.000+/-0.000 χ^2/NDF : 9555089.8/19

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.548+/-0.000 χ^2/NDF : 48545285.9/16

Left Out: -0.540+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.559+/-0.000 χ^2/NDF : 65389755.0/19

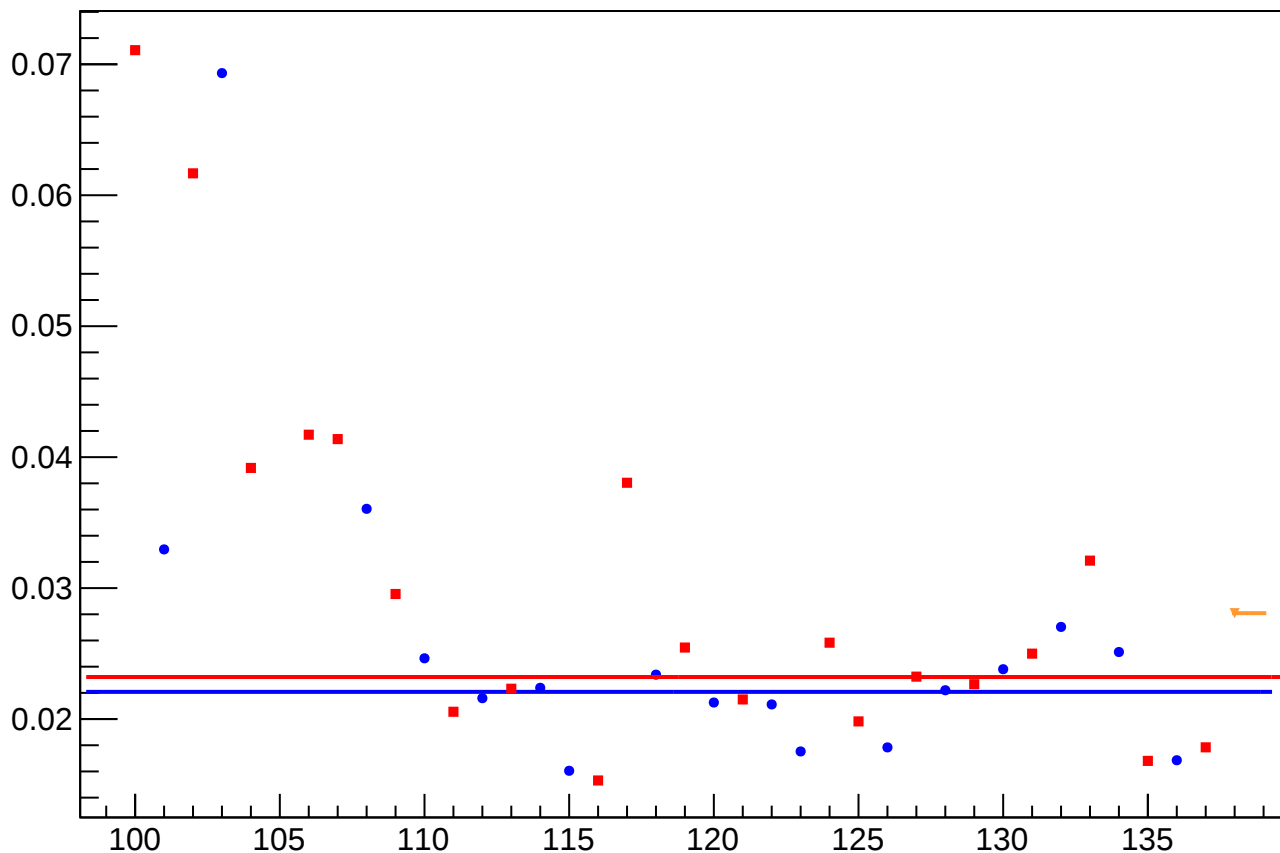
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.547+/-0.000 χ^2/NDF : 48585096.4/17

-0.553+/-0.000 χ^2/NDF : 114733334.0/37

-0.559+/-0.000 χ^2/NDF : 65389755.0/19

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.022+/-0.000 χ^2/NDF : 954779.5/16

Left Out: 0.028+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.023+/-0.000 χ^2/NDF : 1169013.8/19

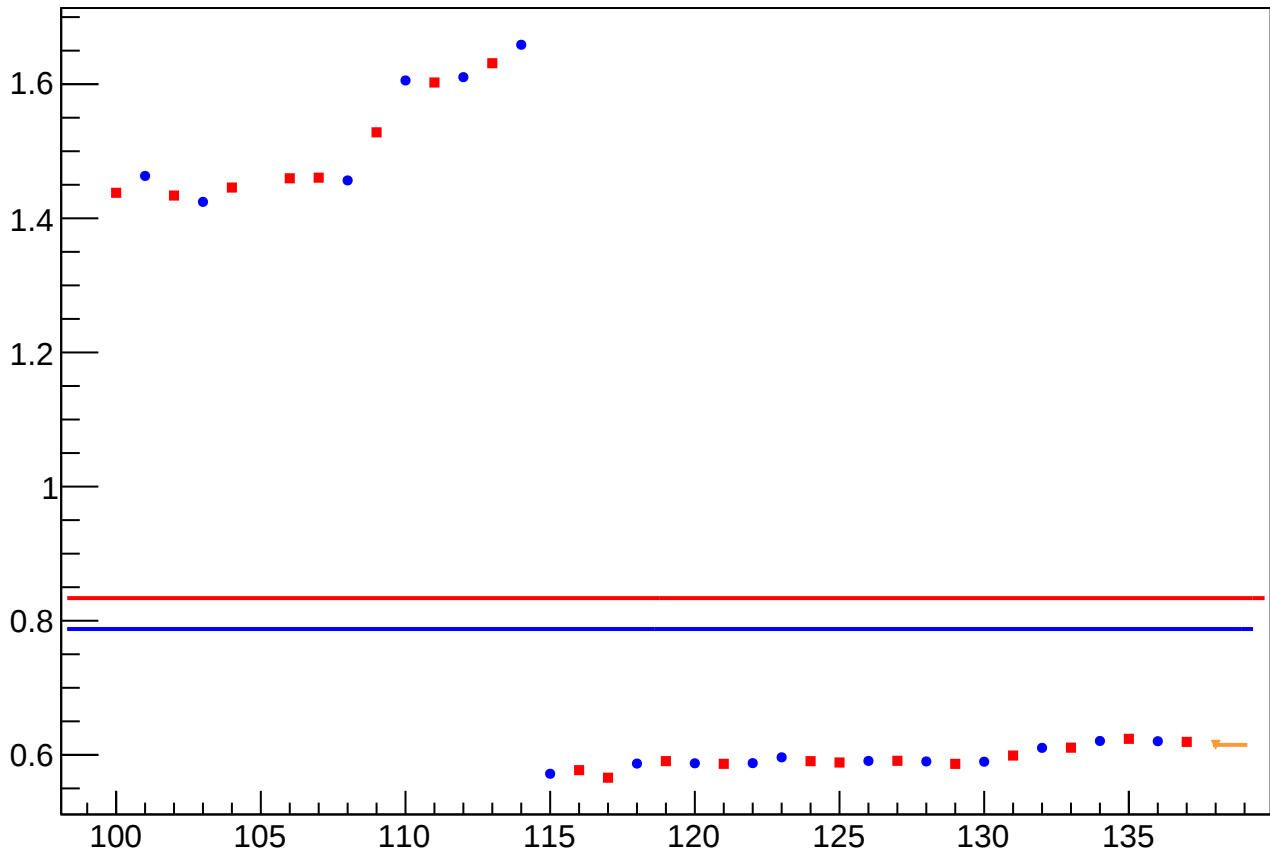
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.022+/-0.000 χ^2/NDF : 1005182.1/17

0.023+/-0.000 χ^2/NDF : 2179757.4/37

0.023+/-0.000 χ^2/NDF : 1169013.8/19

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.788+/-0.000 χ^2/NDF : 3581400502.4/16

Left Out: 0.615+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.834+/-0.000 χ^2/NDF : 4155673215.9/19

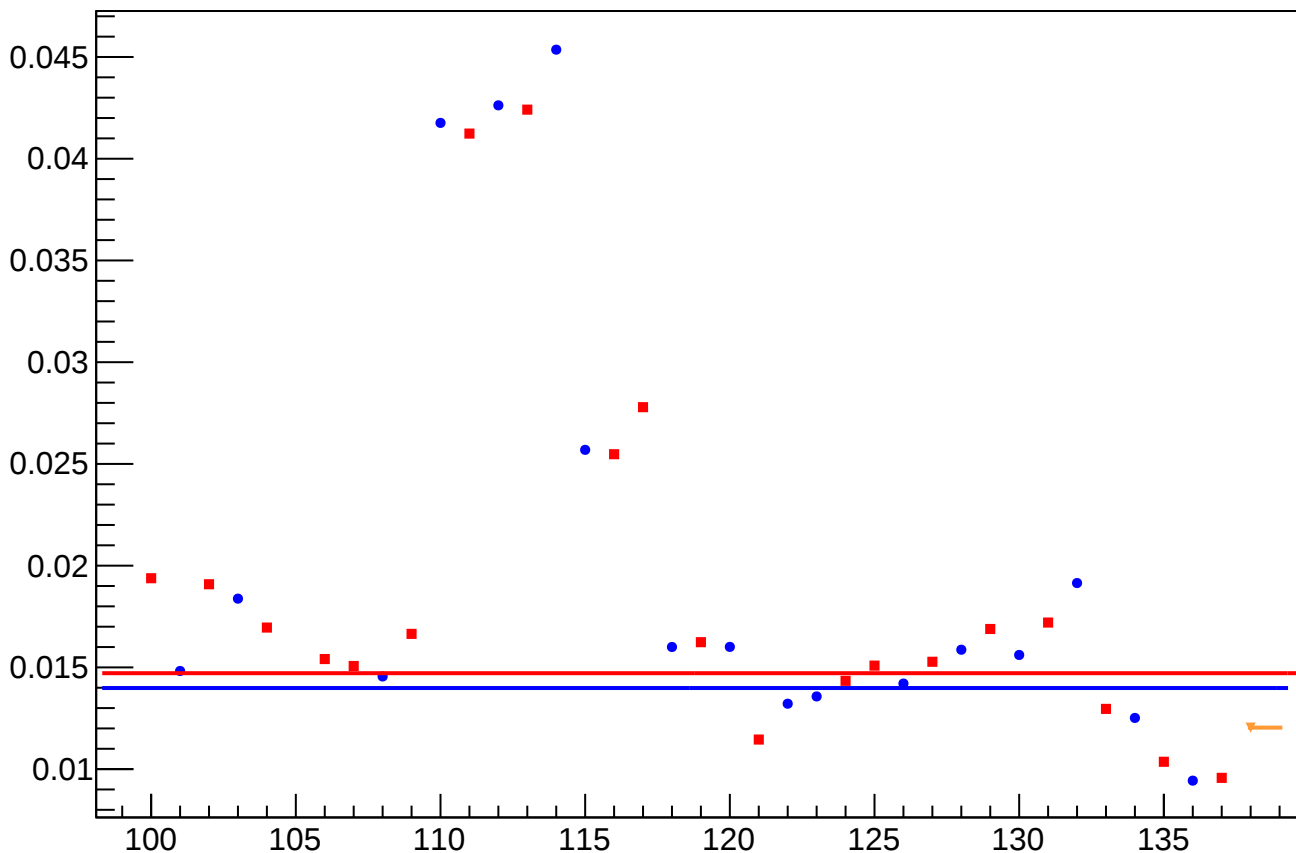
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.763+/-0.000 χ^2/NDF : 3704725092.8/17

0.795+/-0.000 χ^2/NDF : 7937035108.2/37

0.834+/-0.000 χ^2/NDF : 4155673215.9/19

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1398505.7/16

Left Out: 0.012+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 1275472.3/19

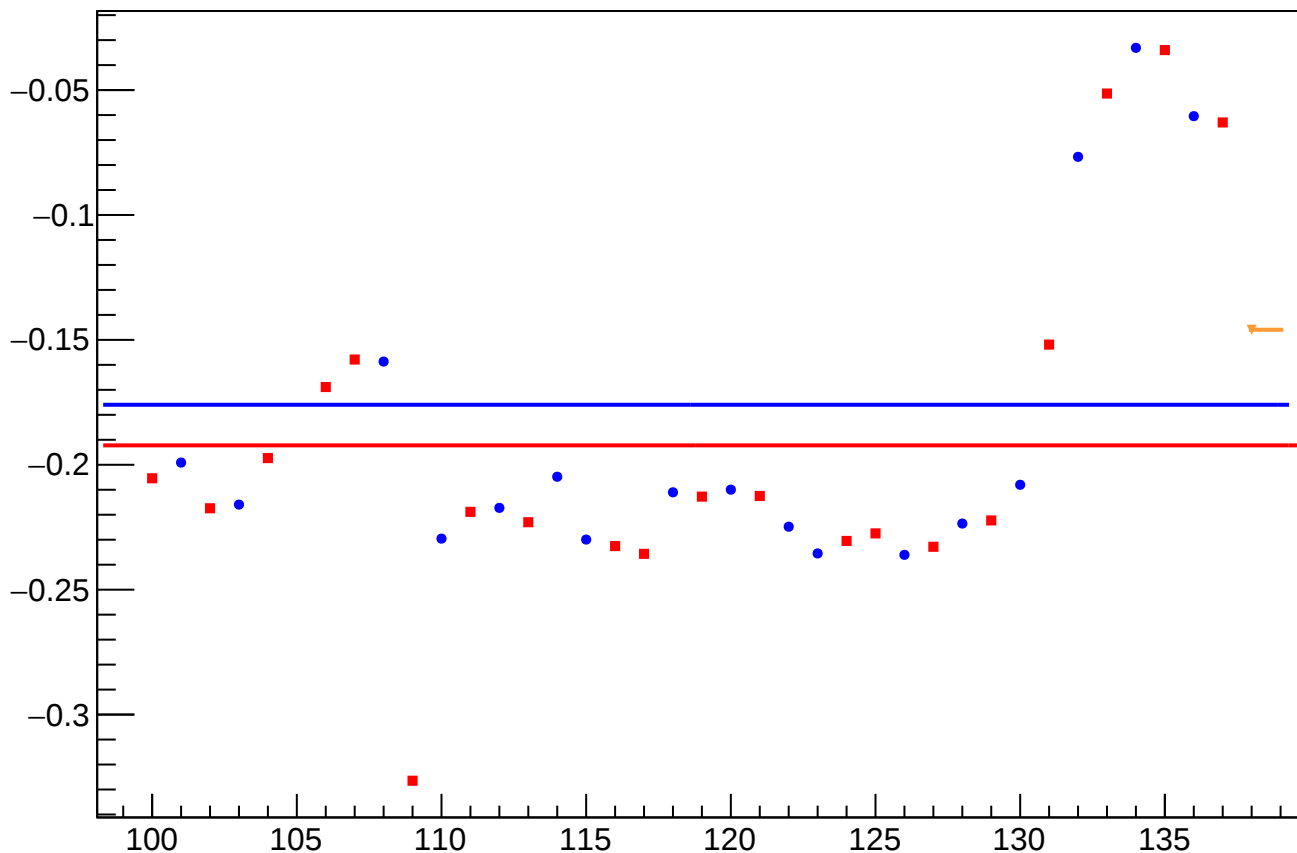
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 1429811.3/17

0.014+/-0.000 χ^2/NDF : 2736308.2/37

0.015+/-0.000 χ^2/NDF : 1275472.3/19

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.176+/-0.000 χ^2/NDF : 70121069.1/16

Left Out: -0.146+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.192+/-0.000 χ^2/NDF : 83343025.0/19

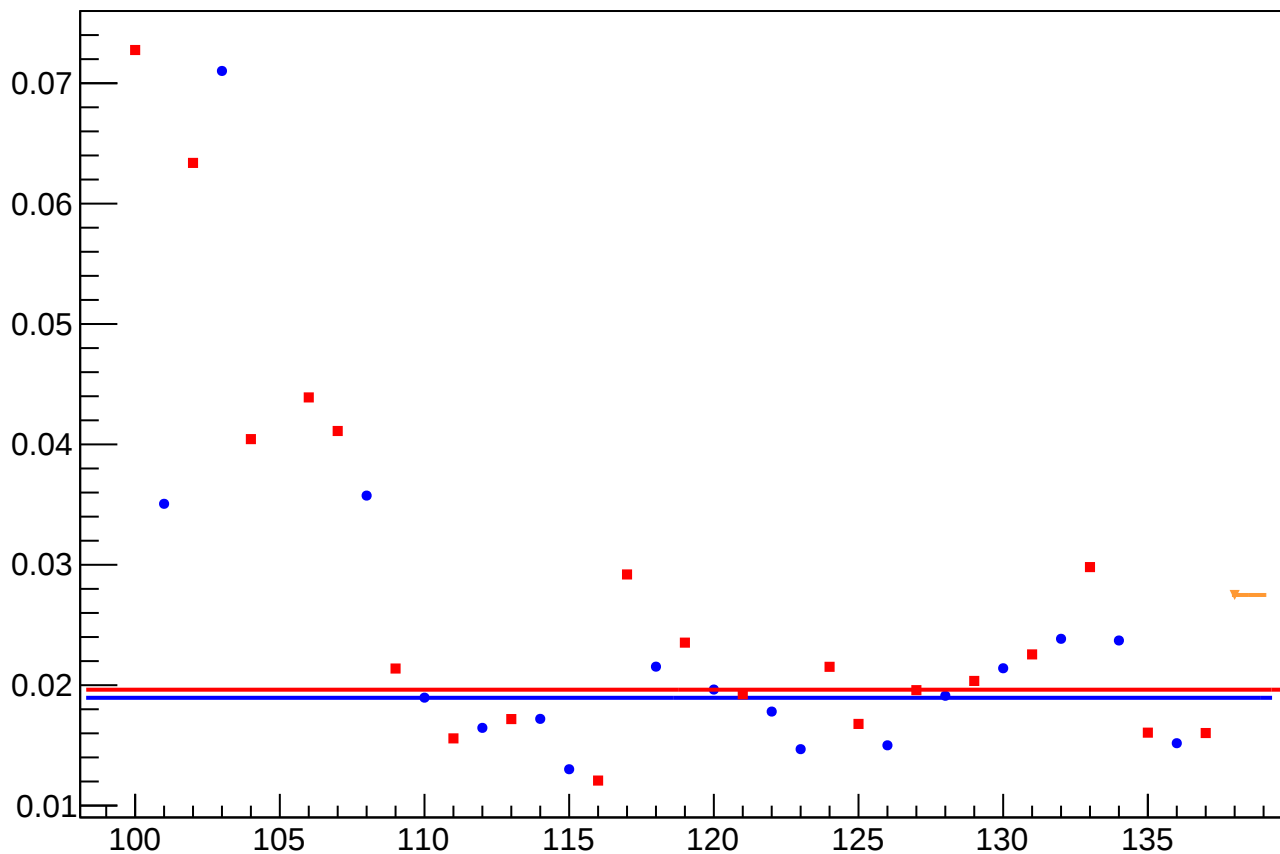
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.174+/-0.000 χ^2/NDF : 70815467.9/17

-0.183+/-0.000 χ^2/NDF : 156418057.7/37

-0.192+/-0.000 χ^2/NDF : 83343025.0/19

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 1203275.7/16

Left Out: 0.027+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.000 χ^2/NDF : 1463983.0/19

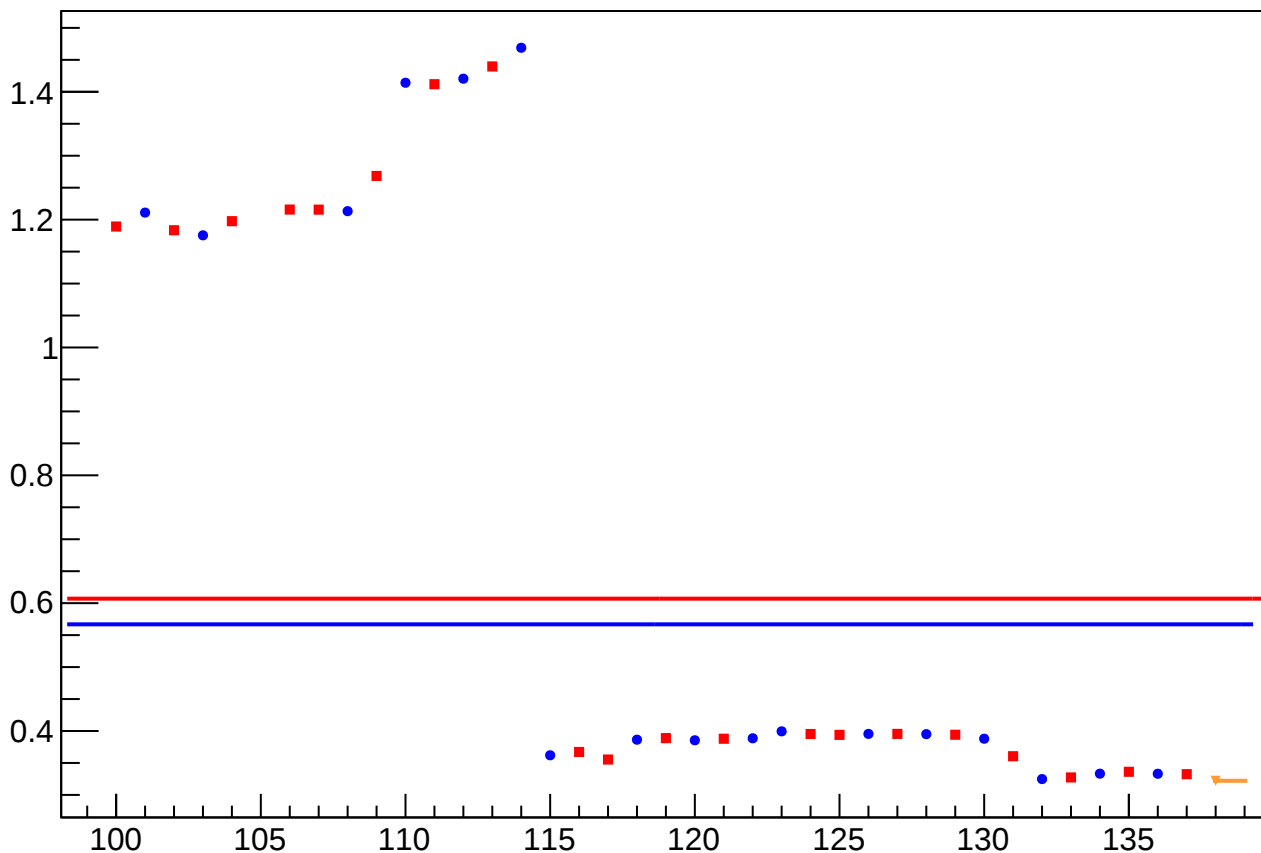
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.019+/-0.000 χ^2/NDF : 1315565.2/17

0.020+/-0.000 χ^2/NDF : 2780088.3/37

0.020+/-0.000 χ^2/NDF : 1463983.0/19

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.567 $\pm$ 0.000 χ^2 /NDF: 5016913731.3/16

Left Out: 0.322 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.607 $\pm$ 0.000 χ^2 /NDF: 5509130775.3/19

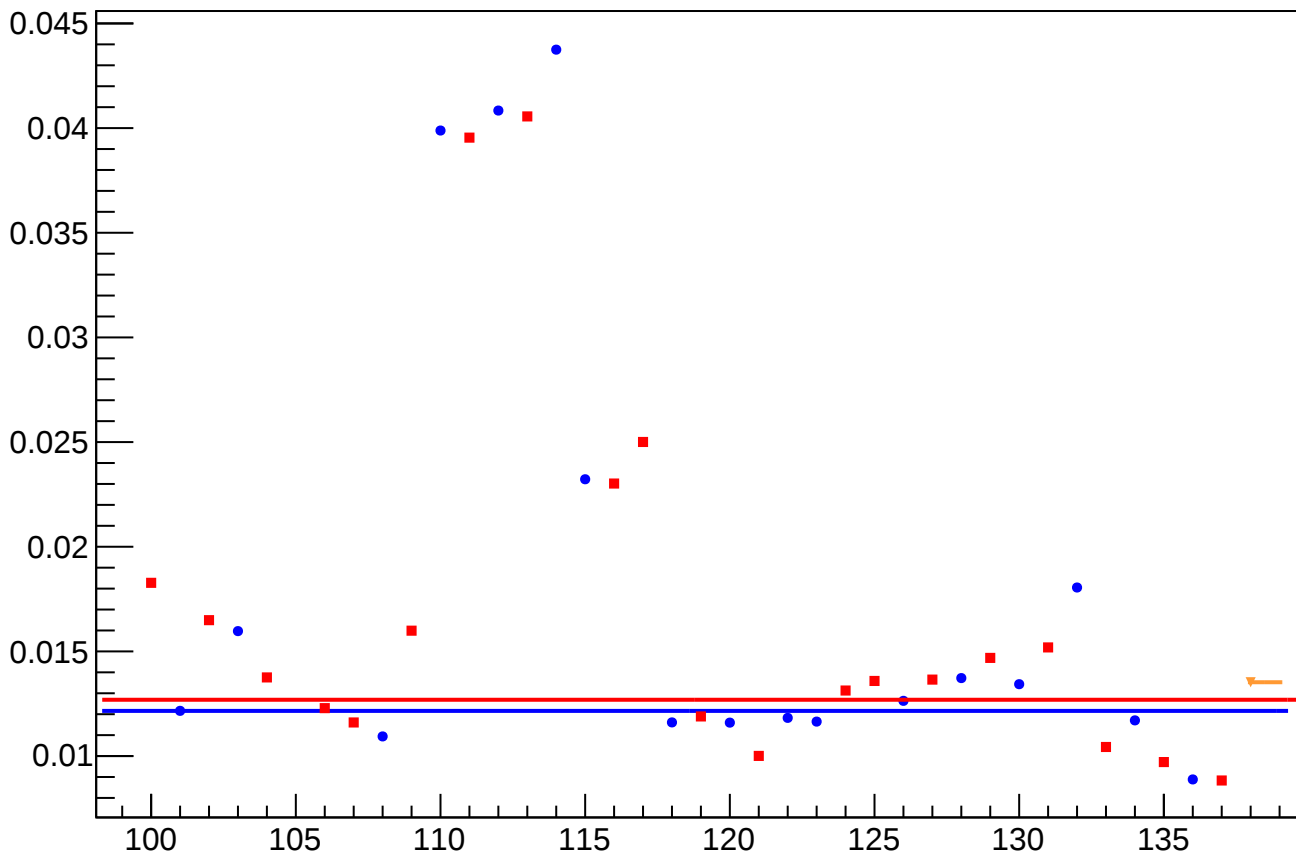
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.544 $\pm$ 0.000 χ^2 /NDF: 5226583755.3/17

0.574 $\pm$ 0.000 χ^2 /NDF: 10812718971.7/3

0.607 $\pm$ 0.000 χ^2 /NDF: 5509130775.3/19

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 1307948.2/16

Left Out: 0.014+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 1285911.2/19

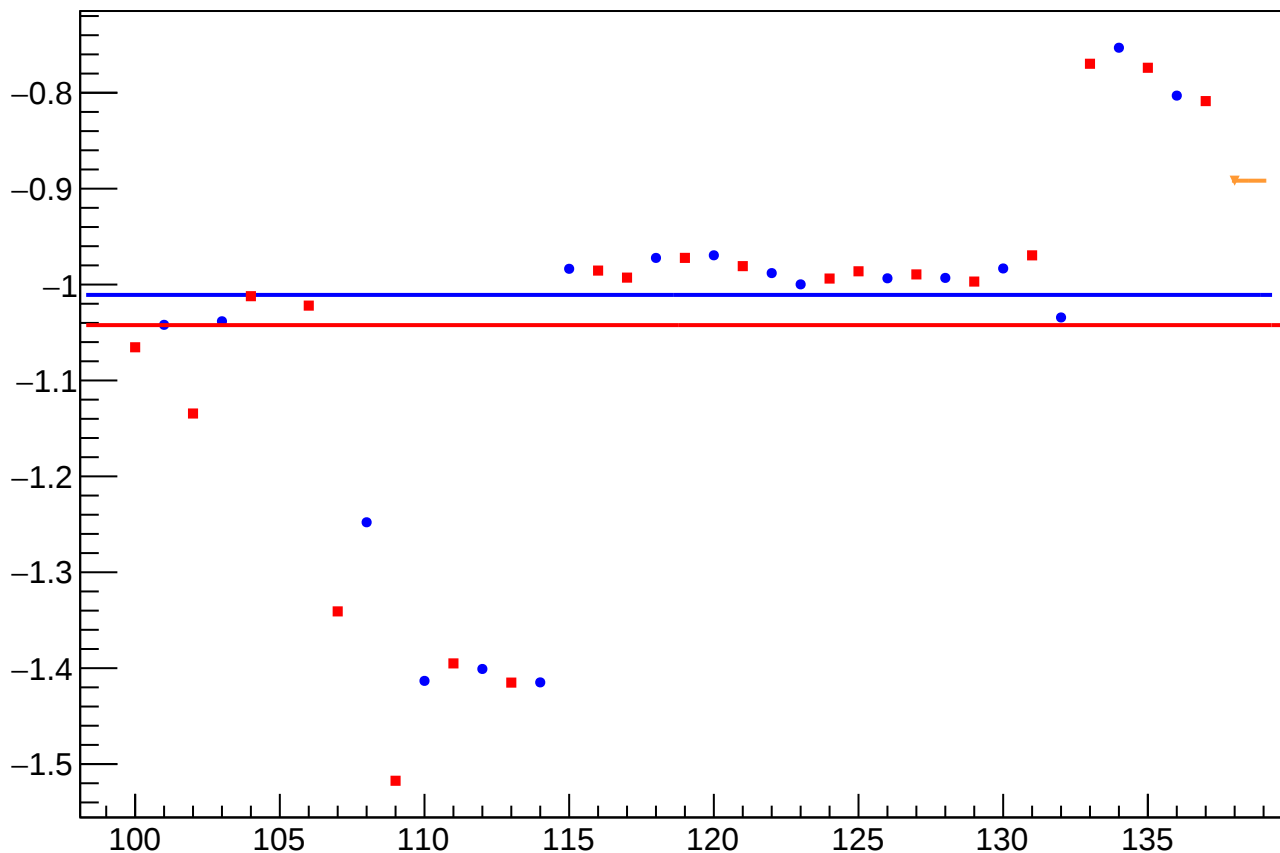
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 1321072.5/17

0.012+/-0.000 χ^2/NDF : 2613422.7/37

0.013+/-0.000 χ^2/NDF : 1285911.2/19

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.011+/-0.000 χ^2/NDF : 387140230.3/16

Left Out: -0.892+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.042+/-0.000 χ^2/NDF : 529028760.6/19

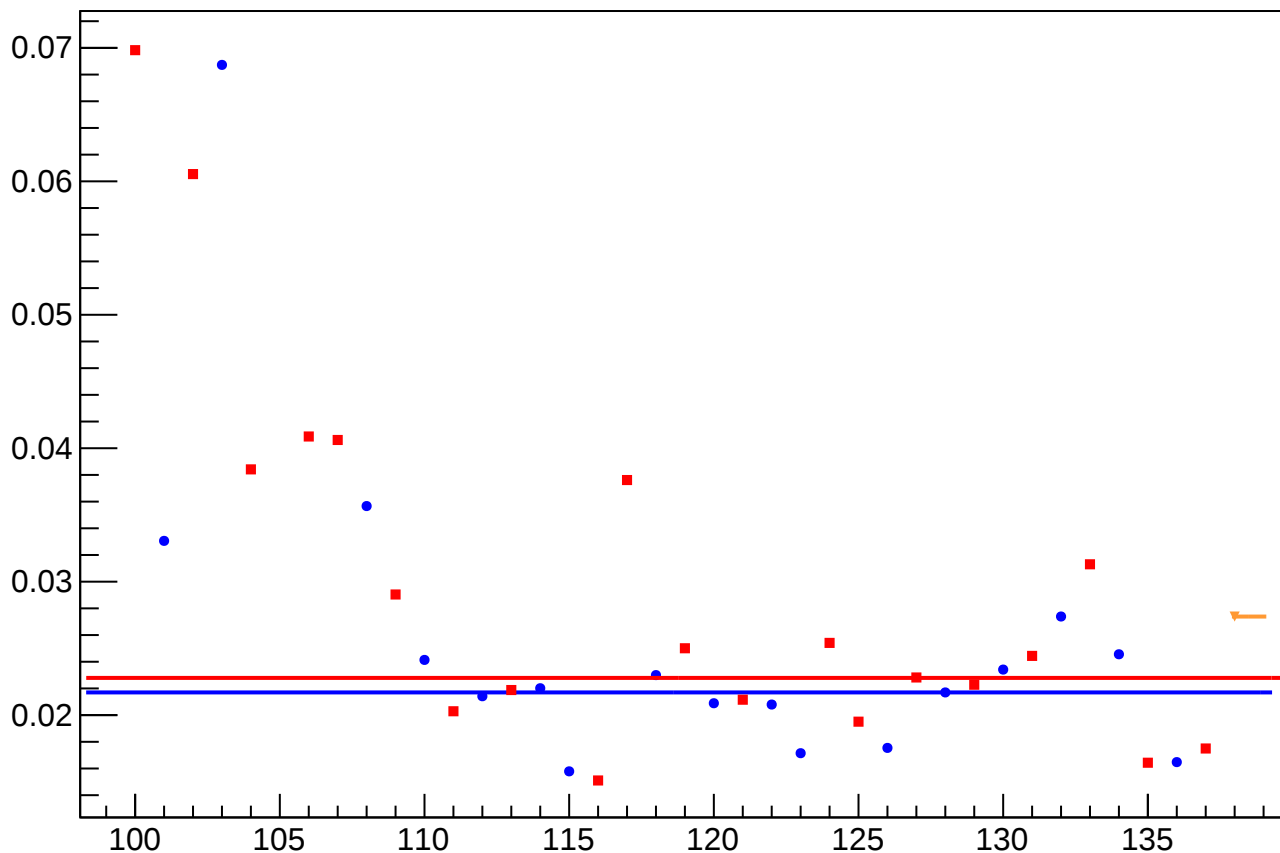
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.003+/-0.000 χ^2/NDF : 397539433.7/17

-1.021+/-0.000 χ^2/NDF : 935102675.5/37

-1.042+/-0.000 χ^2/NDF : 529028760.6/19

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.022+/-0.000 χ^2/NDF : 979293.5/16

Left Out: 0.027+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.023+/-0.000 χ^2/NDF : 1164870.4/19

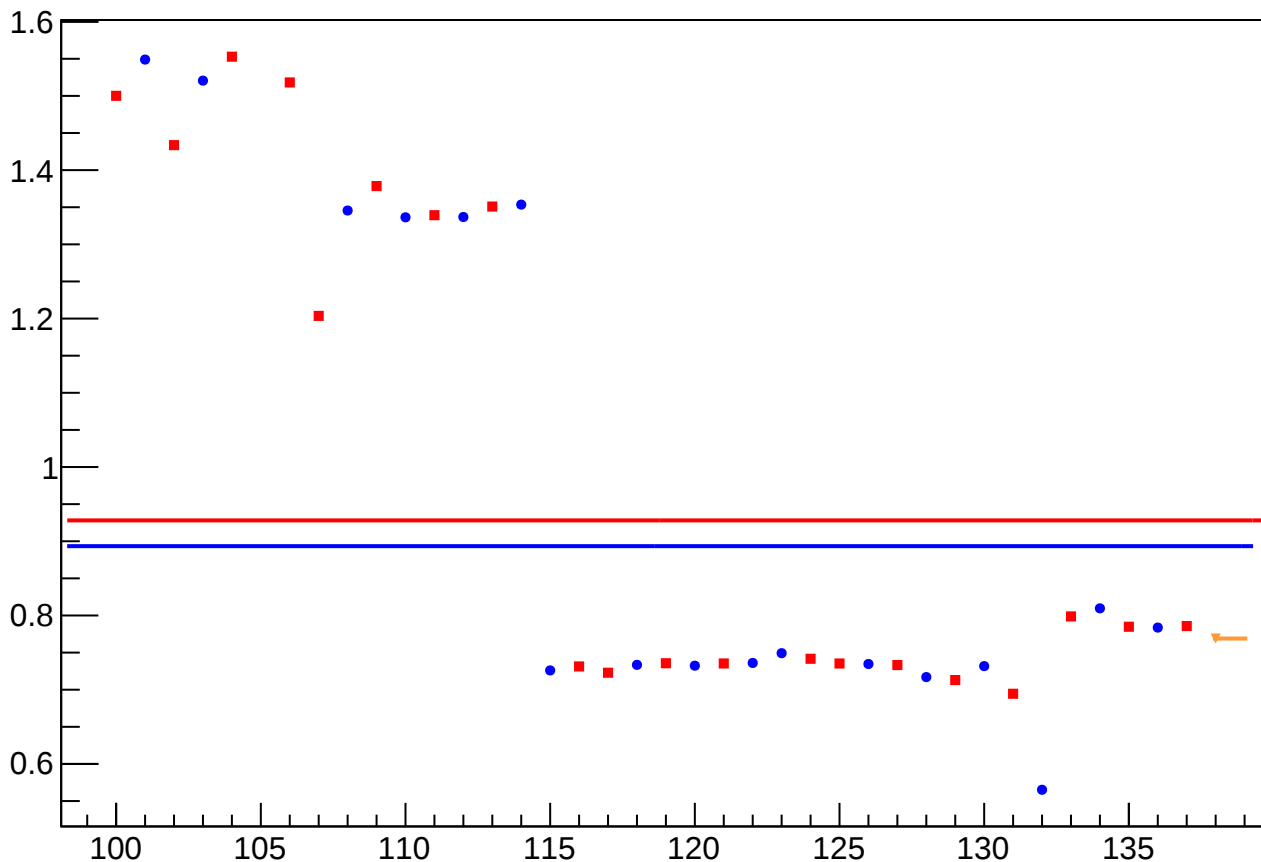
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.022+/-0.000 χ^2/NDF : 1026675.7/17

0.022+/-0.000 χ^2/NDF : 2196828.4/37

0.023+/-0.000 χ^2/NDF : 1164870.4/19

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 0.893+/-0.000 χ^2/NDF : 2408017556.1/16

Left Out: 0.769+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.928+/-0.000 χ^2/NDF : 2437683008.7/19

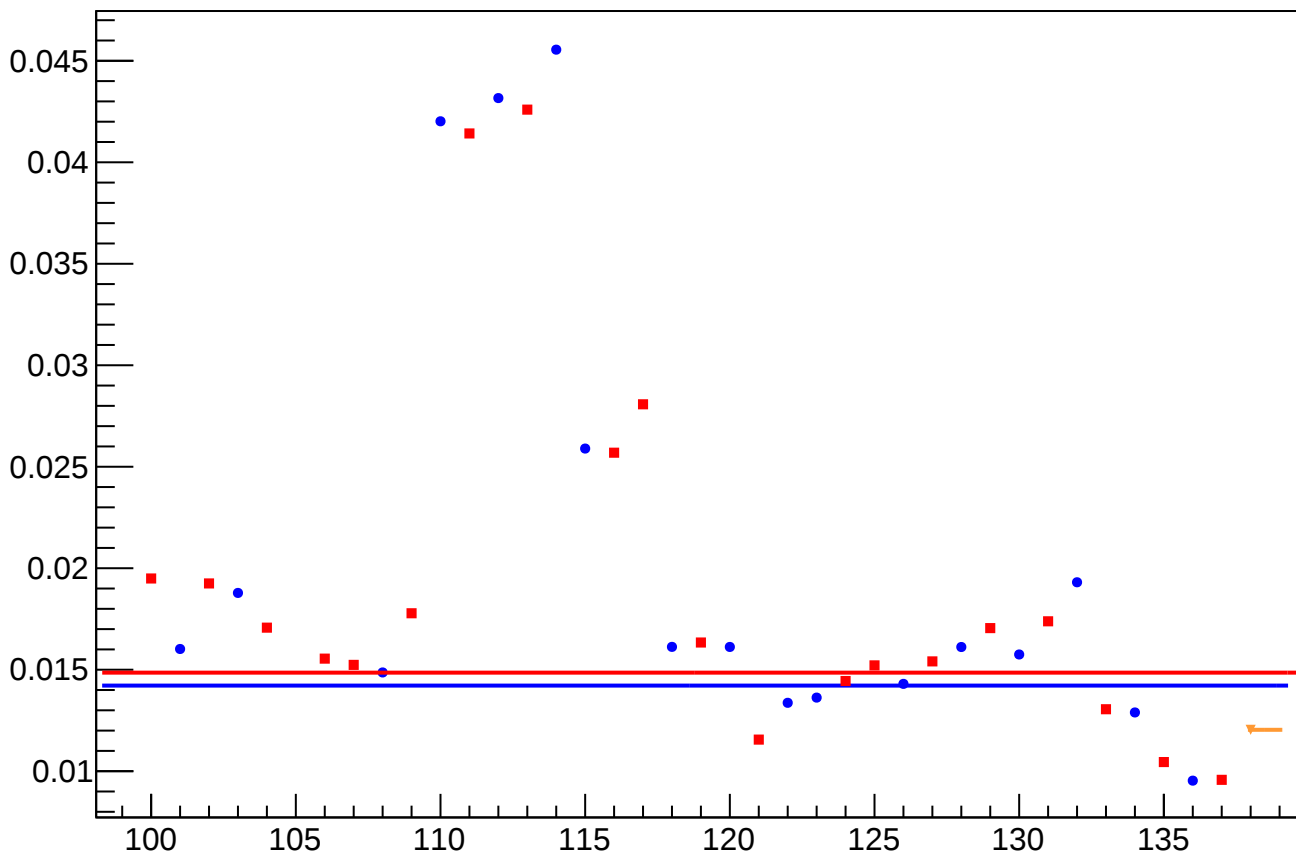
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.875+/-0.000 χ^2/NDF : 2471670098.7/17

0.899+/-0.000 χ^2/NDF : 4951287544.2/37

0.928+/-0.000 χ^2/NDF : 2437683008.7/19

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1409594.2/16

Left Out: 0.012+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 1286513.9/19

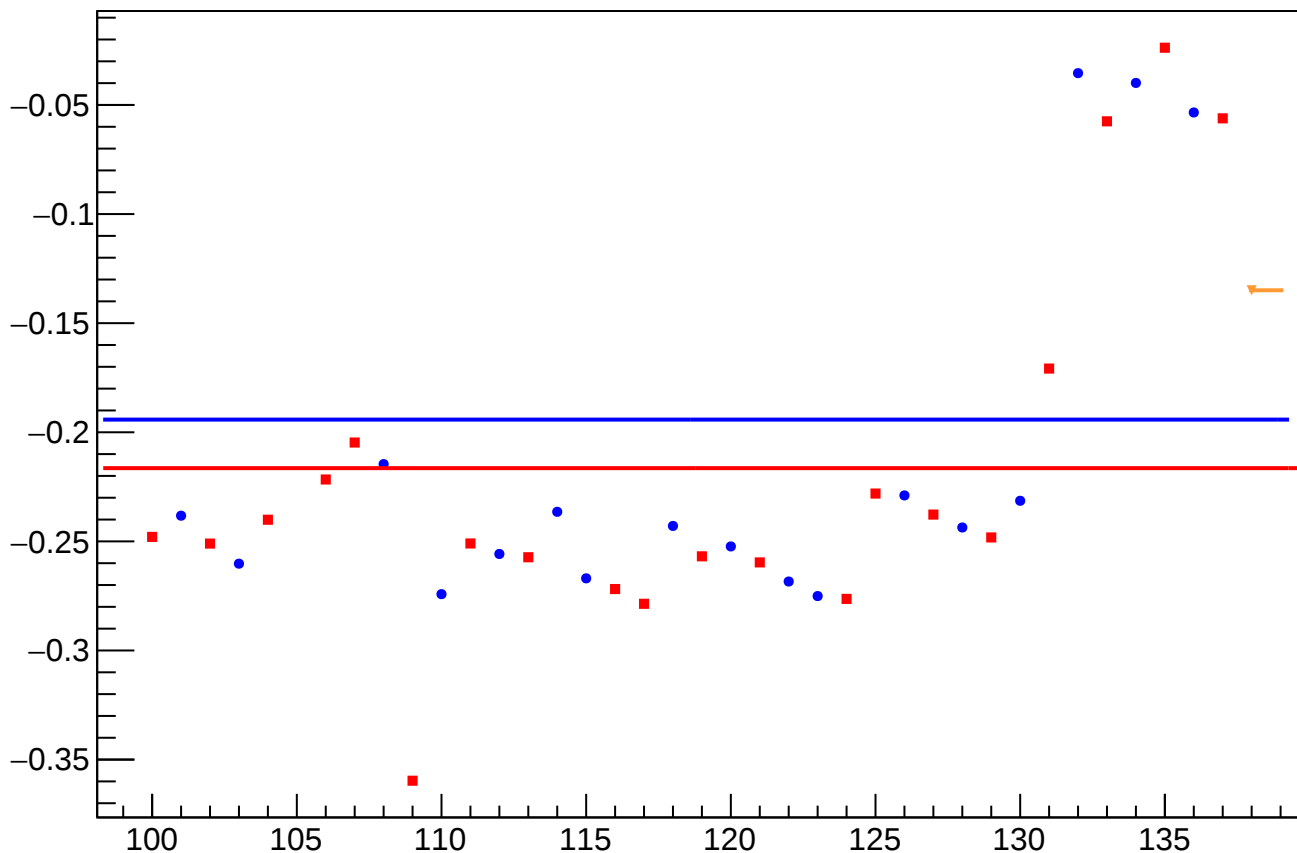
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 1448608.4/17

0.014+/-0.000 χ^2/NDF : 2762532.3/37

0.015+/-0.000 χ^2/NDF : 1286513.9/19

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.194+/-0.000 χ^2/NDF : 108425823.4/16

Left Out: -0.135+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.216+/-0.000 χ^2/NDF : 111217219.2/19

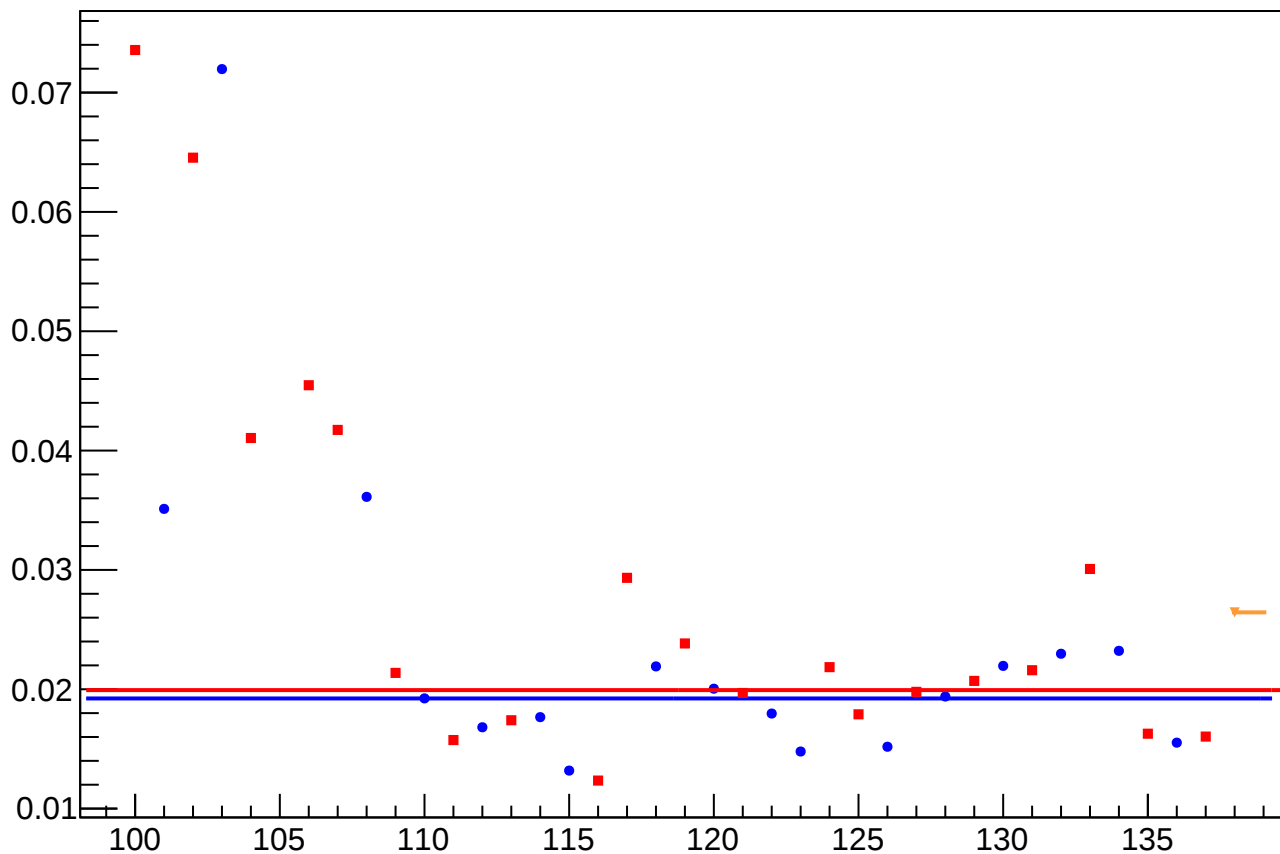
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.191+/-0.000 χ^2/NDF : 111271130.6/17

-0.203+/-0.000 χ^2/NDF : 227047378.7/37

-0.216+/-0.000 χ^2/NDF : 111217219.2/19

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 1174577.3/16

Left Out: 0.026+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.000 χ^2/NDF : 1452730.4/19

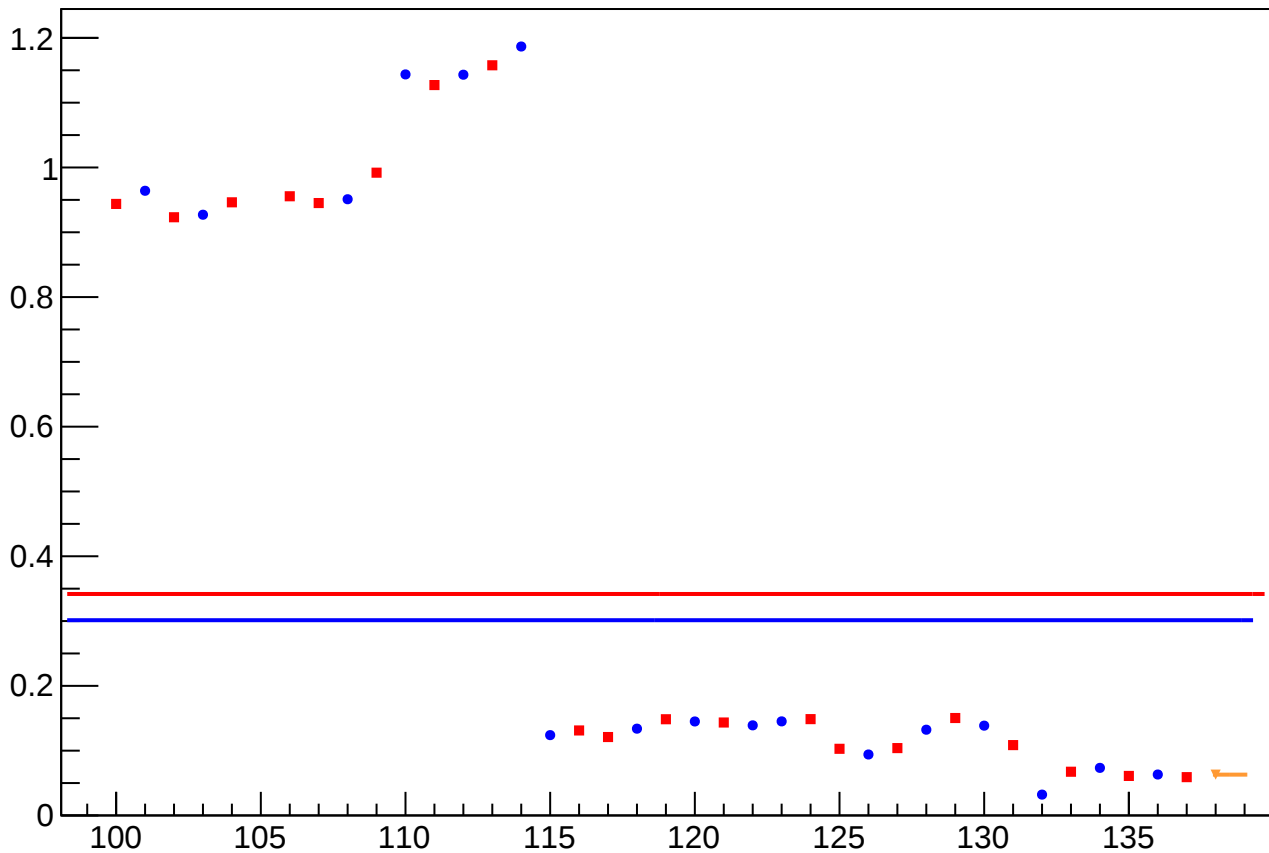
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.020+/-0.000 χ^2/NDF : 1258930.0/17

0.020+/-0.000 χ^2/NDF : 2712604.7/37

0.020+/-0.000 χ^2/NDF : 1452730.4/19

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.301 $\pm$ 0.000 χ^2 /NDF: 5154791073.8/16

Left Out: 0.063 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.342 $\pm$ 0.000 χ^2 /NDF: 5445885893.4/19

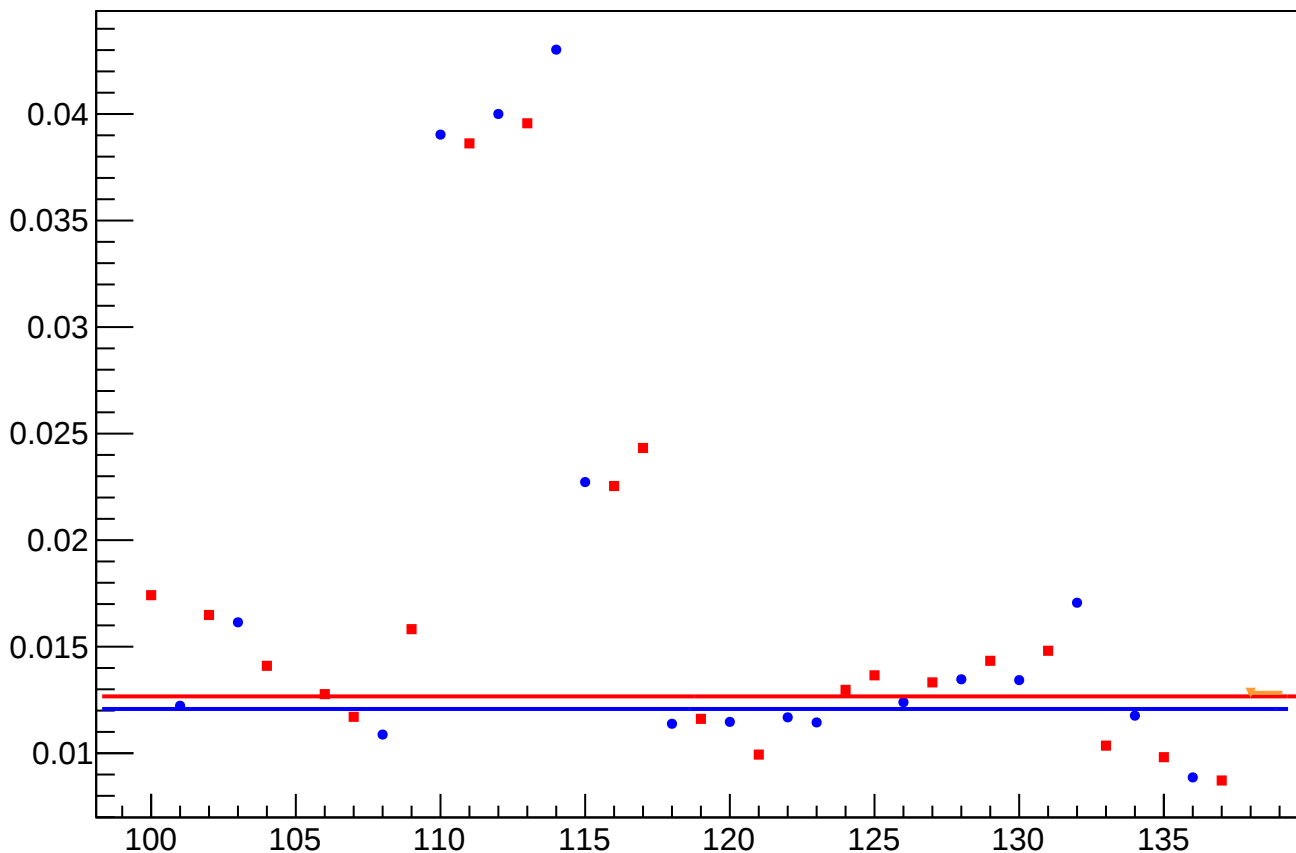
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.277 $\pm$ 0.000 χ^2 /NDF: 5373499896.3/17

0.307 $\pm$ 0.000 χ^2 /NDF: 10901312596.4/3

0.342 $\pm$ 0.000 χ^2 /NDF: 5445885893.4/19

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 1280342.2/16

Left Out: 0.013 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 1253755.7/19

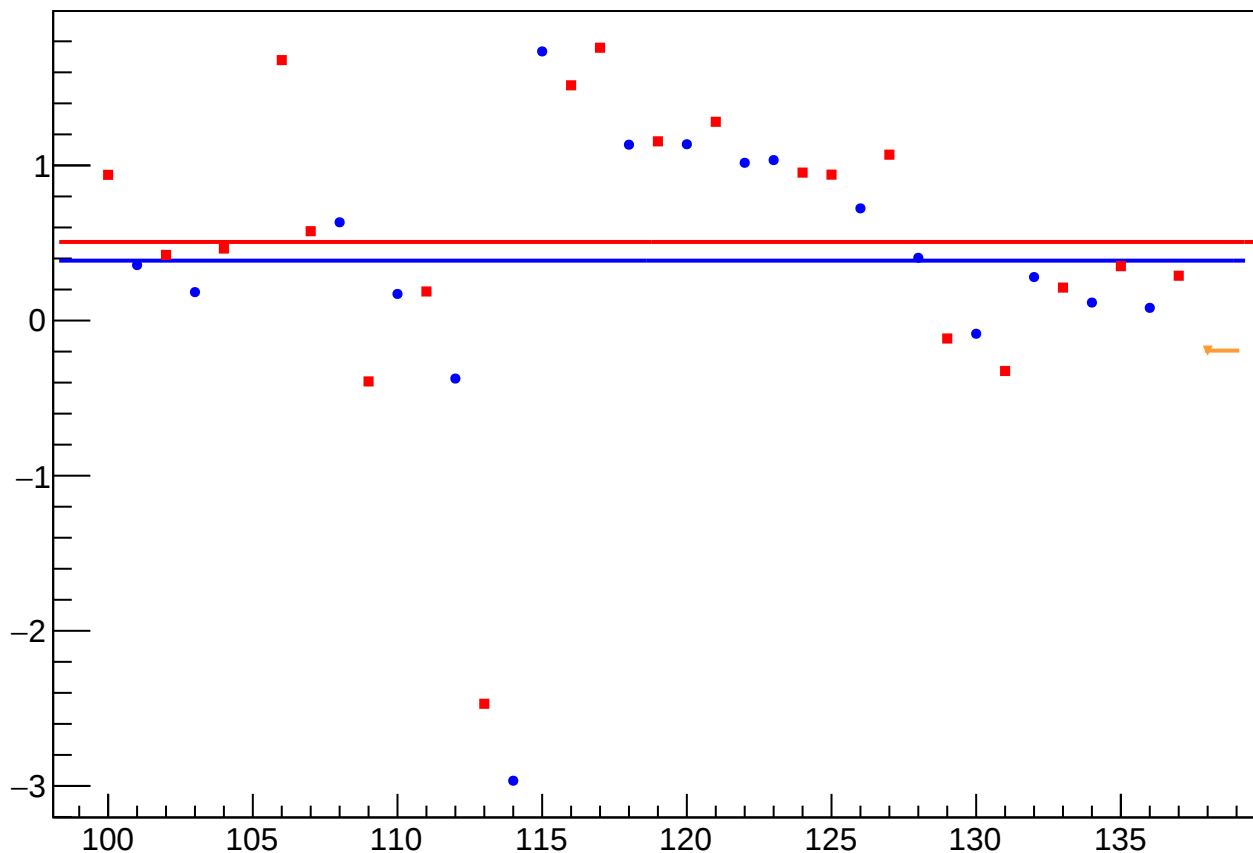
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.012 $\pm$ 0.000 χ^2 /NDF: 1284810.7/17

0.012 $\pm$ 0.000 χ^2 /NDF: 2549034.9/37

0.013 $\pm$ 0.000 χ^2 /NDF: 1253755.7/19

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.386 $\pm$ 0.000 χ^2 /NDF: 246380221.7/16

Left Out: -0.194 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.507 $\pm$ 0.000 χ^2 /NDF: 995373603.6/19

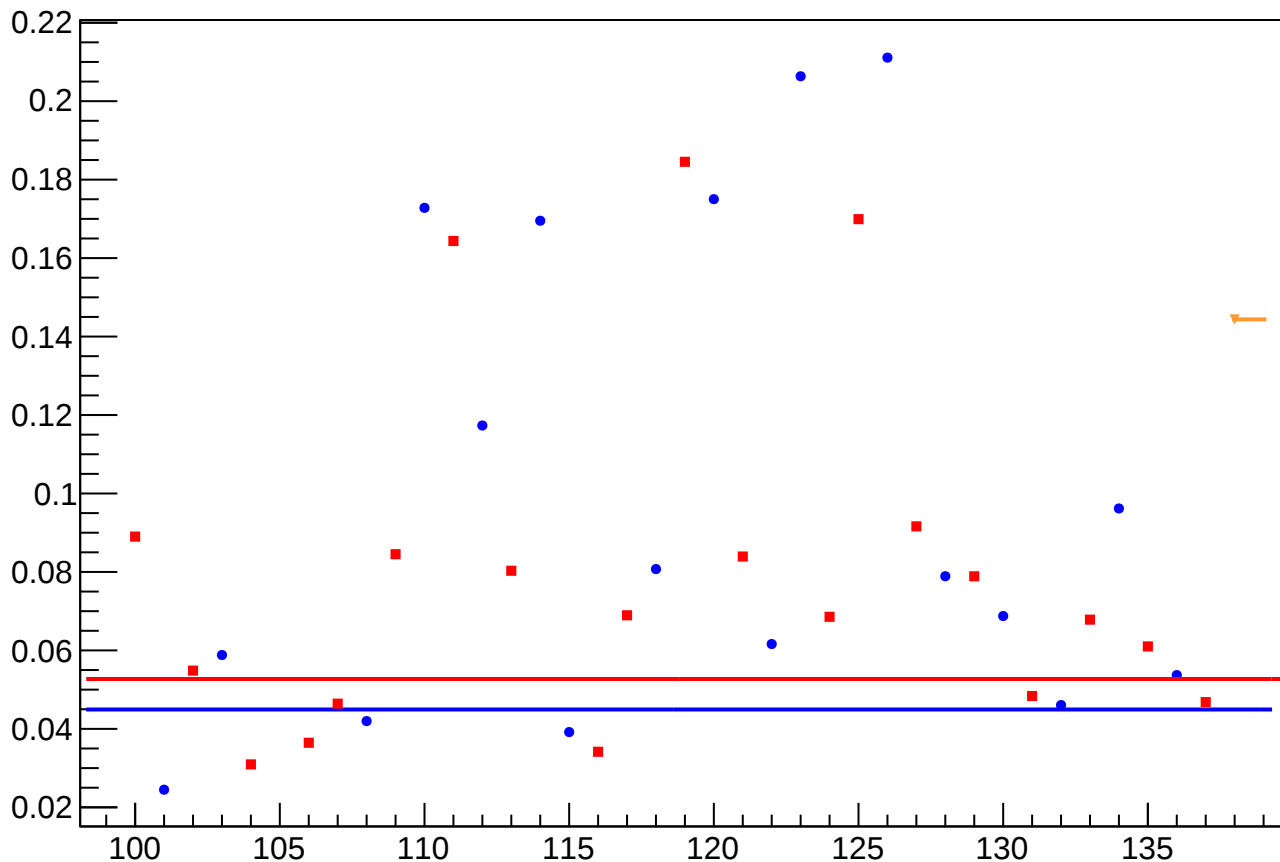
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.376 $\pm$ 0.000 χ^2 /NDF: 256581583.3/17

0.436 $\pm$ 0.000 χ^2 /NDF: 1265789500.1/37

0.507 $\pm$ 0.000 χ^2 /NDF: 995373603.6/19

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.045+/-0.000 χ^2/NDF : 2788348.6/16

Left Out: 0.144+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.053+/-0.000 χ^2/NDF : 2195781.8/19

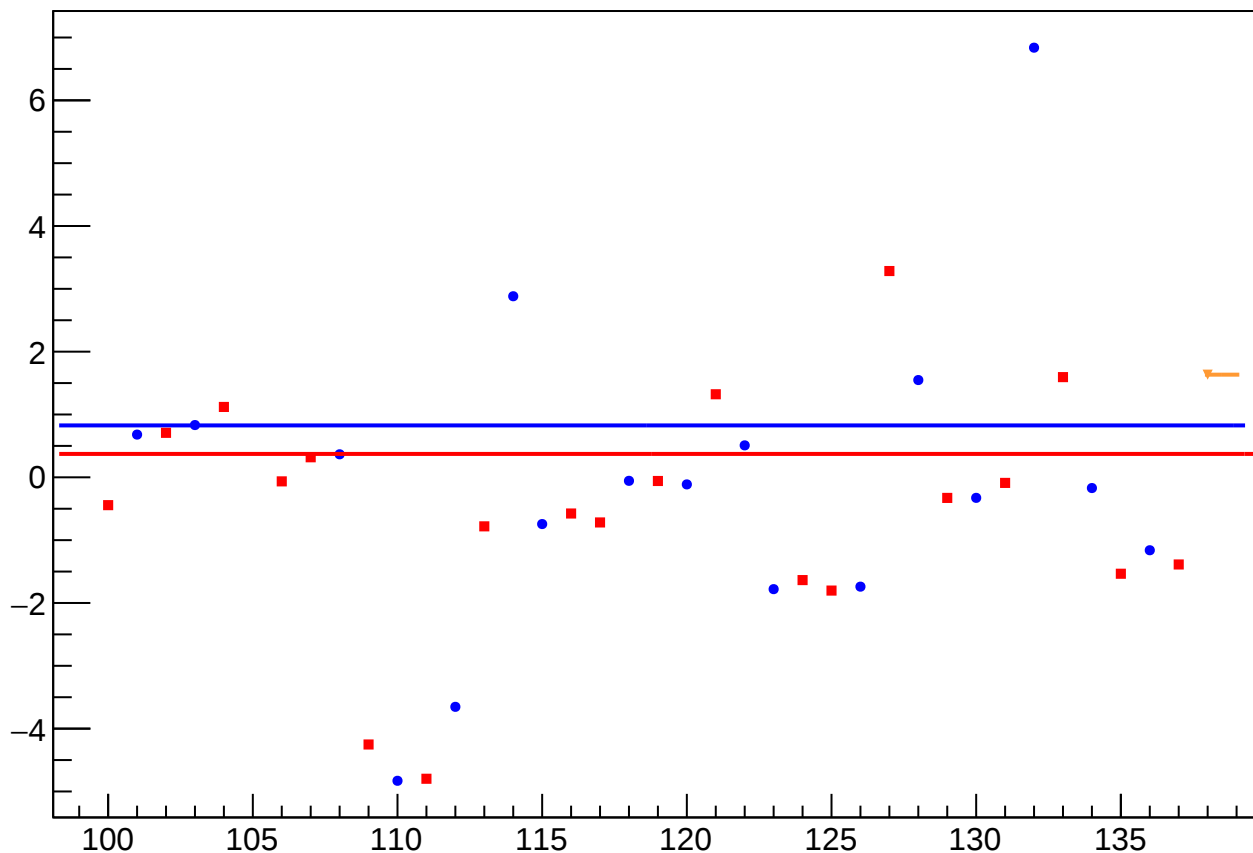
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.047+/-0.000 χ^2/NDF : 3387973.0/17

0.049+/-0.000 χ^2/NDF : 5643263.4/37

0.053+/-0.000 χ^2/NDF : 2195781.8/19

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.826 $\pm$ 0.000 χ^2 /NDF: 10945455664.9/16

Left Out: 1.634 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.372 $\pm$ 0.000 χ^2 /NDF: 4960201861.0/19

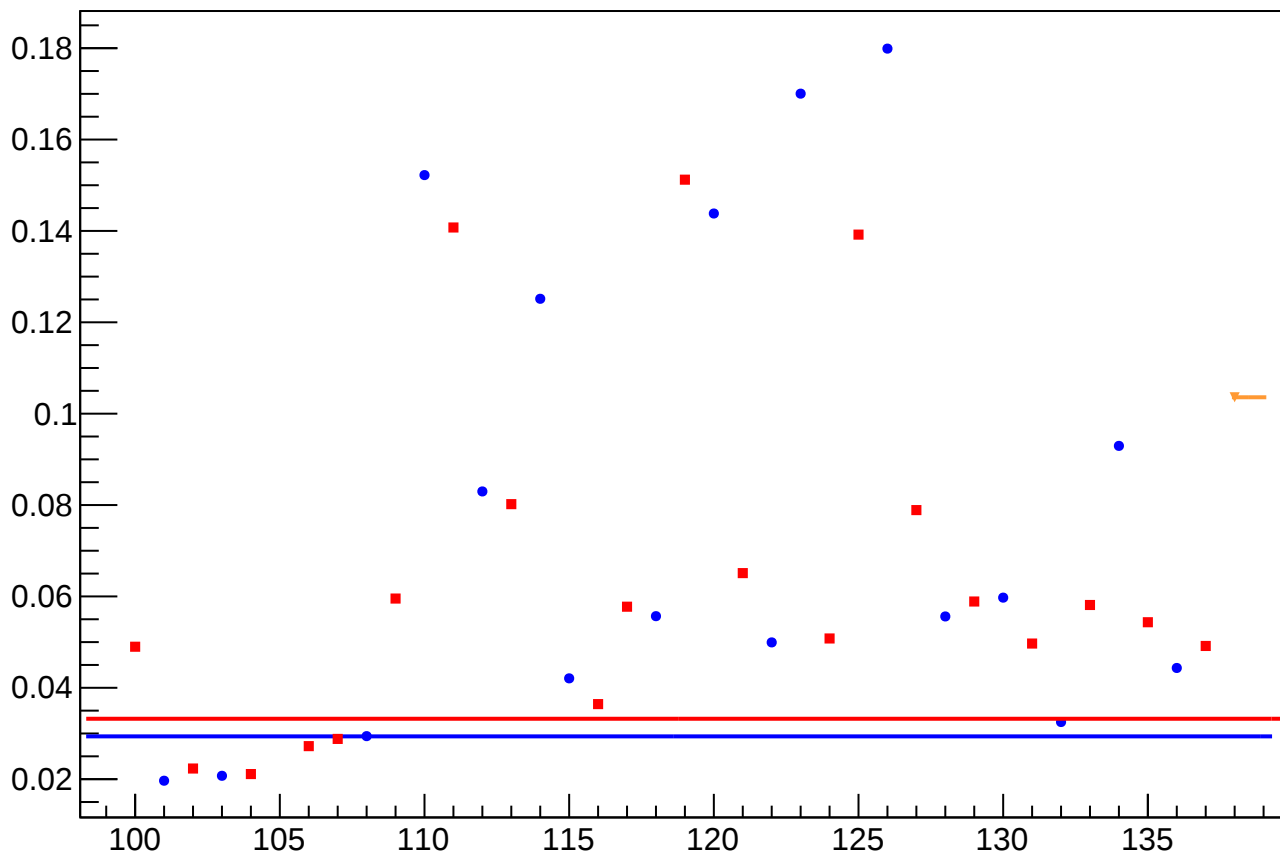
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.838 $\pm$ 0.000 χ^2 /NDF: 10982200011.1/17

0.620 $\pm$ 0.000 χ^2 /NDF: 16346406318.0/3

0.372 $\pm$ 0.000 χ^2 /NDF: 4960201861.0/19

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.029+/-0.000 χ^2/NDF : 2987169.5/16

Left Out: 0.104+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.033+/-0.000 χ^2/NDF : 3112299.1/19

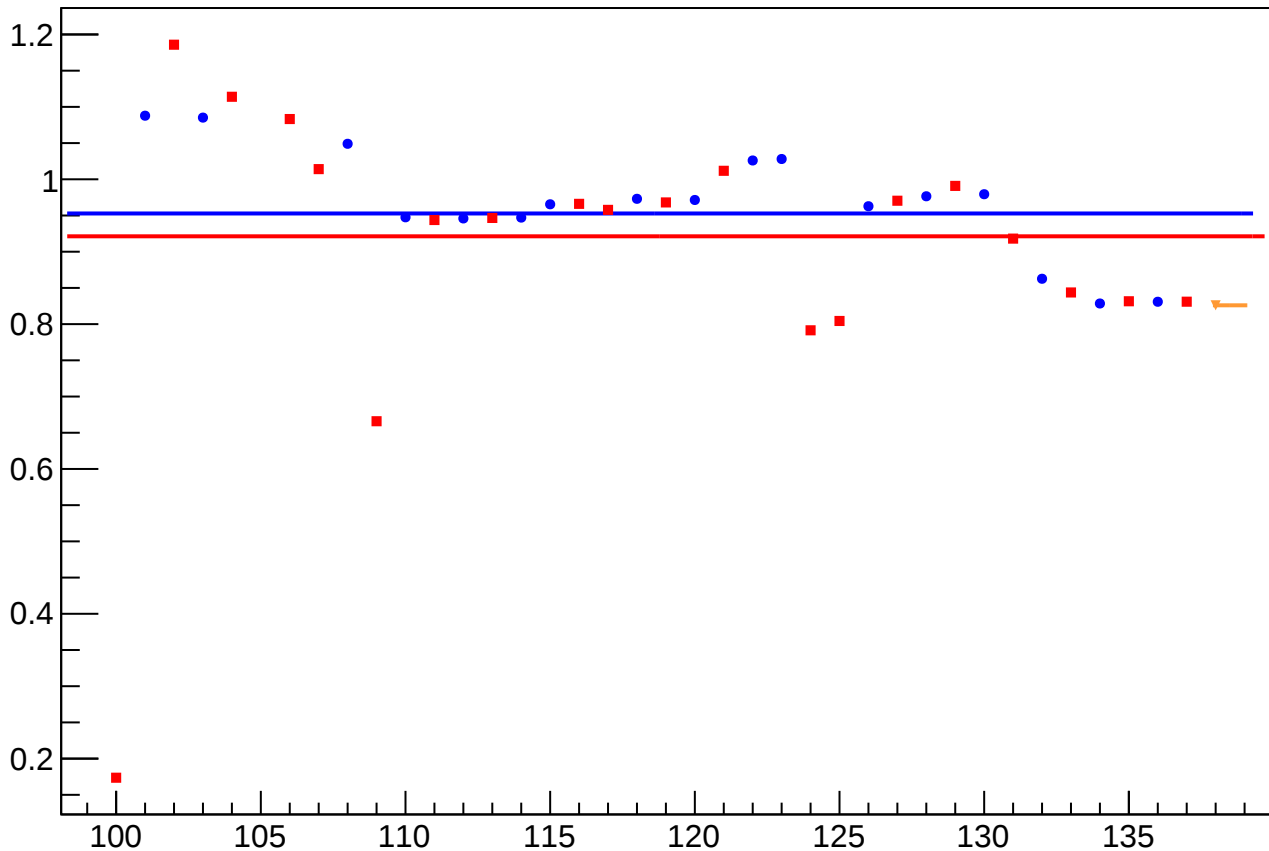
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.030+/-0.000 χ^2/NDF : 3607647.5/17

0.032+/-0.000 χ^2/NDF : 6749033.8/37

0.033+/-0.000 χ^2/NDF : 3112299.1/19

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.953 $\pm$ 0.000 χ^2 /NDF: 175750243.6/16

Left Out: 0.826 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.921 $\pm$ 0.000 χ^2 /NDF: 374306248.8/19

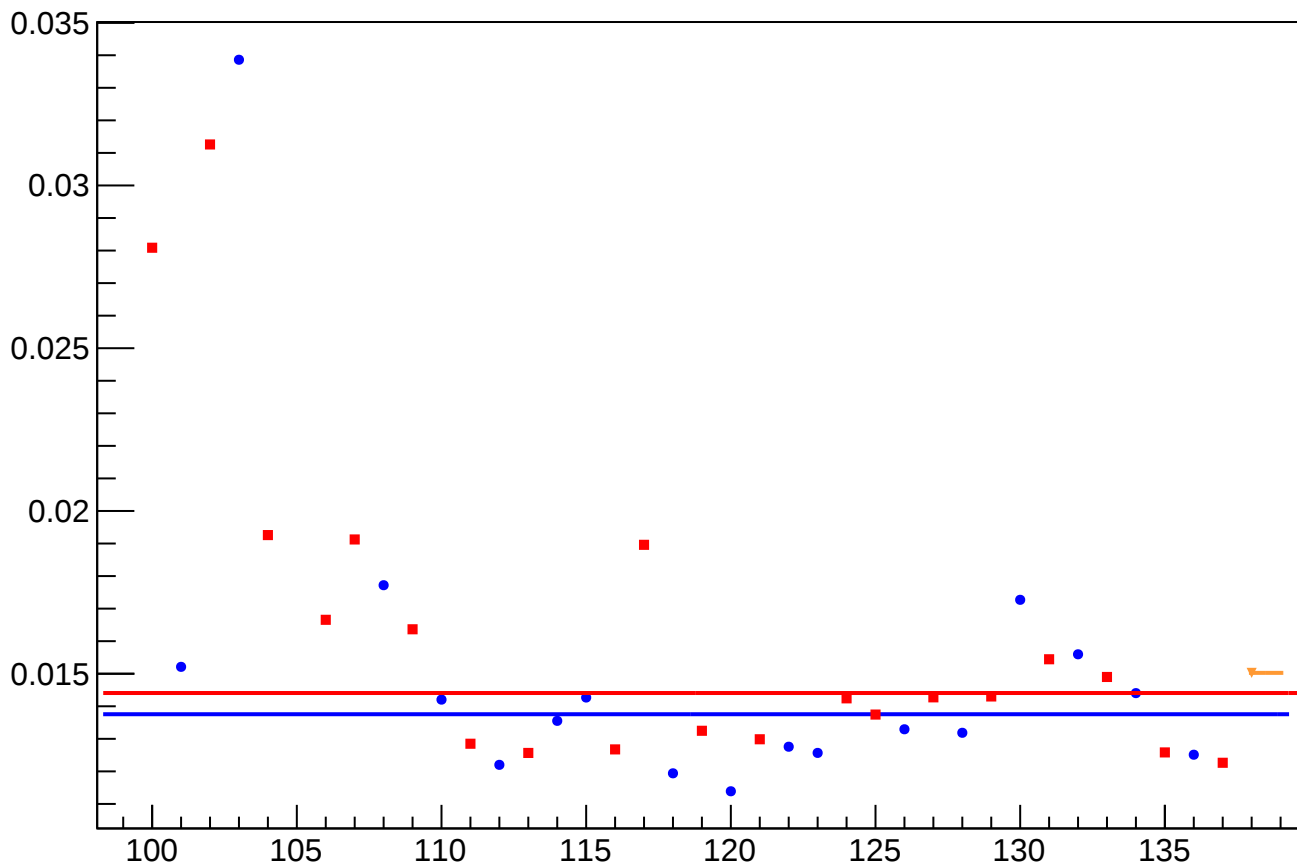
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.943 $\pm$ 0.000 χ^2 /NDF: 214297911.1/17

0.933 $\pm$ 0.000 χ^2 /NDF: 595828415.9/37

0.921 $\pm$ 0.000 χ^2 /NDF: 374306248.8/19

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 538469.4/16

Left Out: 0.015+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 508622.9/19

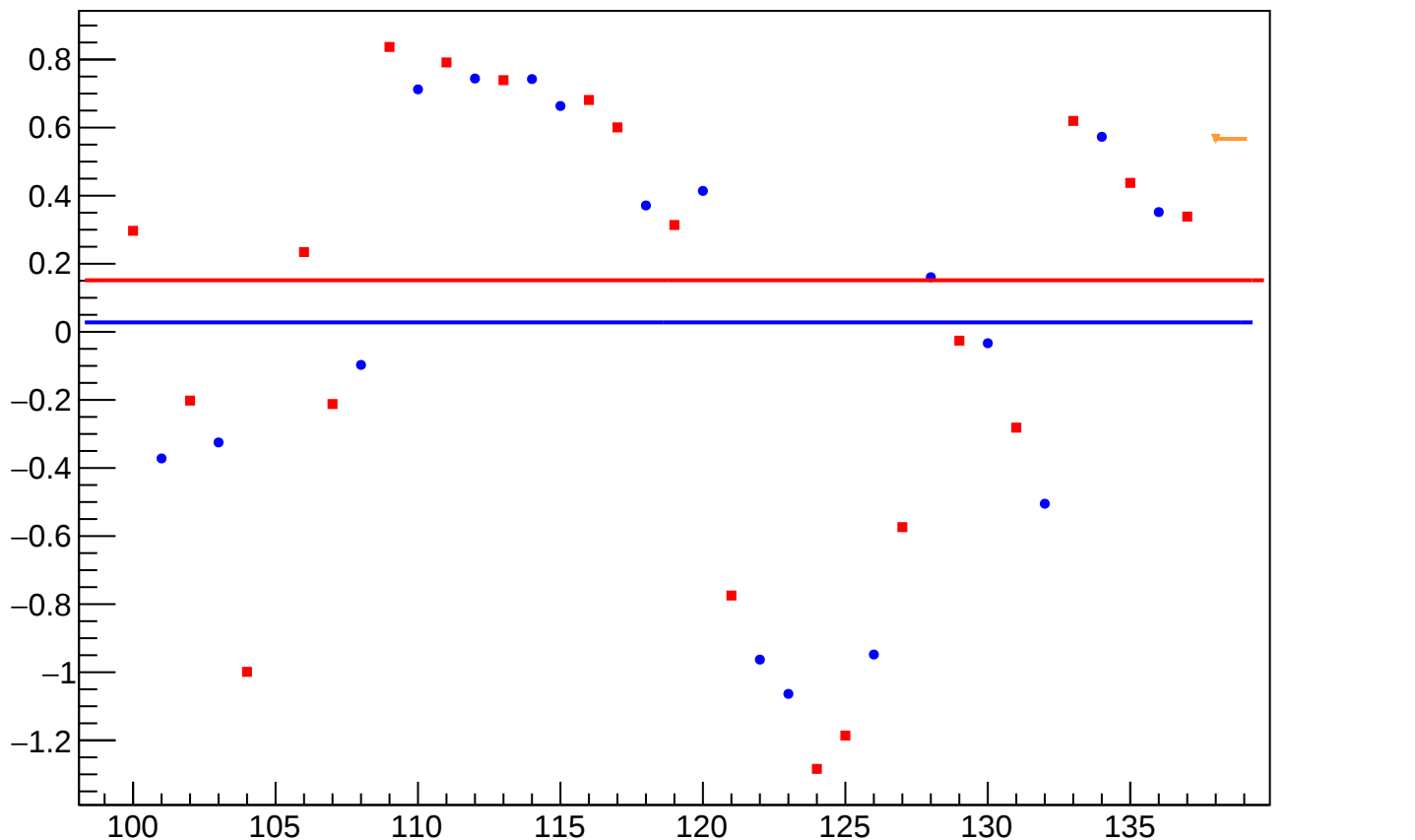
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 546208.2/17

0.014+/-0.000 χ^2/NDF : 1064307.6/37

0.014+/-0.000 χ^2/NDF : 508622.9/19

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: 0.028 $\pm$ 0.000 χ^2 /NDF: 6276955529.7/16

Left Out: 0.567 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.152 $\pm$ 0.000 χ^2 /NDF: 12665480117.0/19

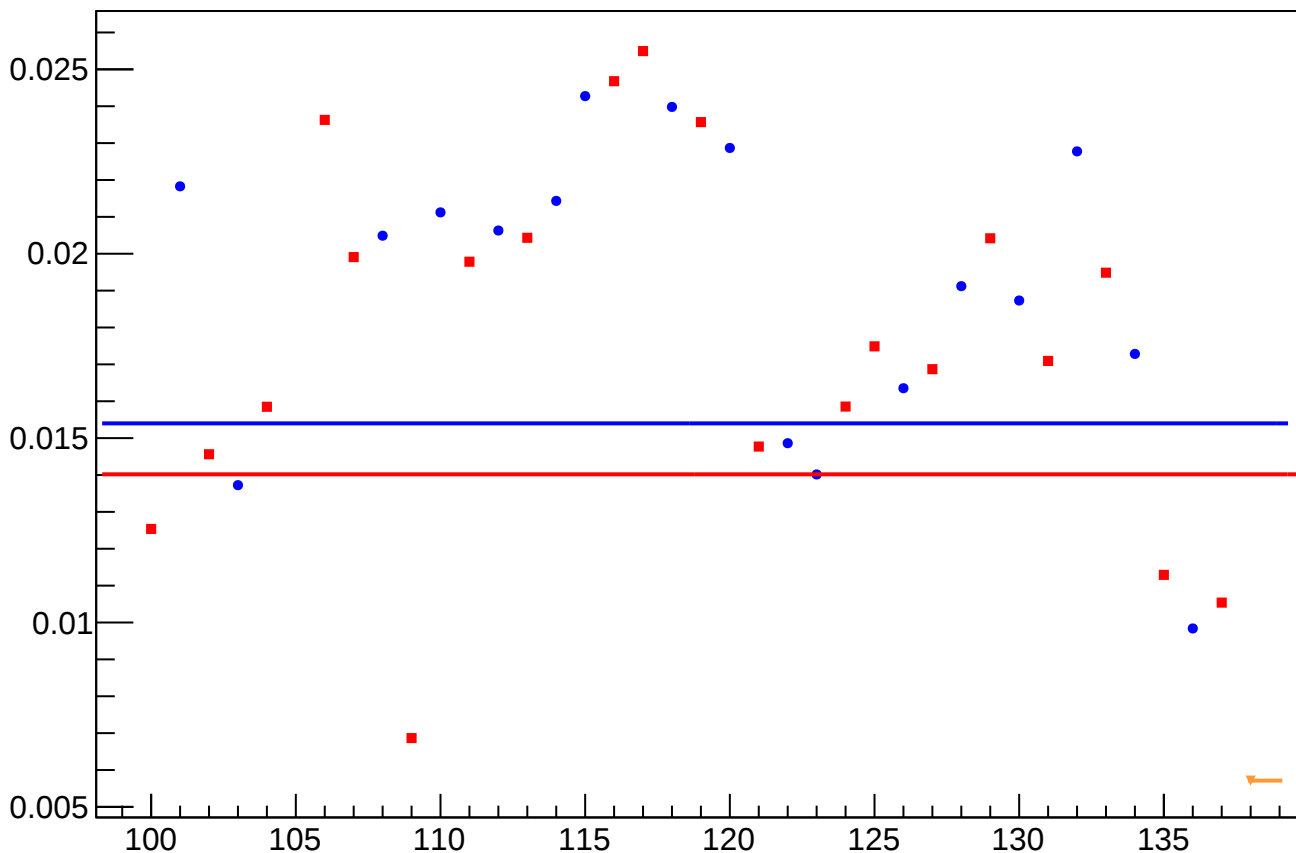
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.259 $\pm$ 0.000 χ^2 /NDF: 9226294066.8/17

0.215 $\pm$ 0.000 χ^2 /NDF: 22088849941.0/3

0.152 $\pm$ 0.000 χ^2 /NDF: 12665480117.0/19

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 1141655.8/16

Left Out: 0.006+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1576882.7/19

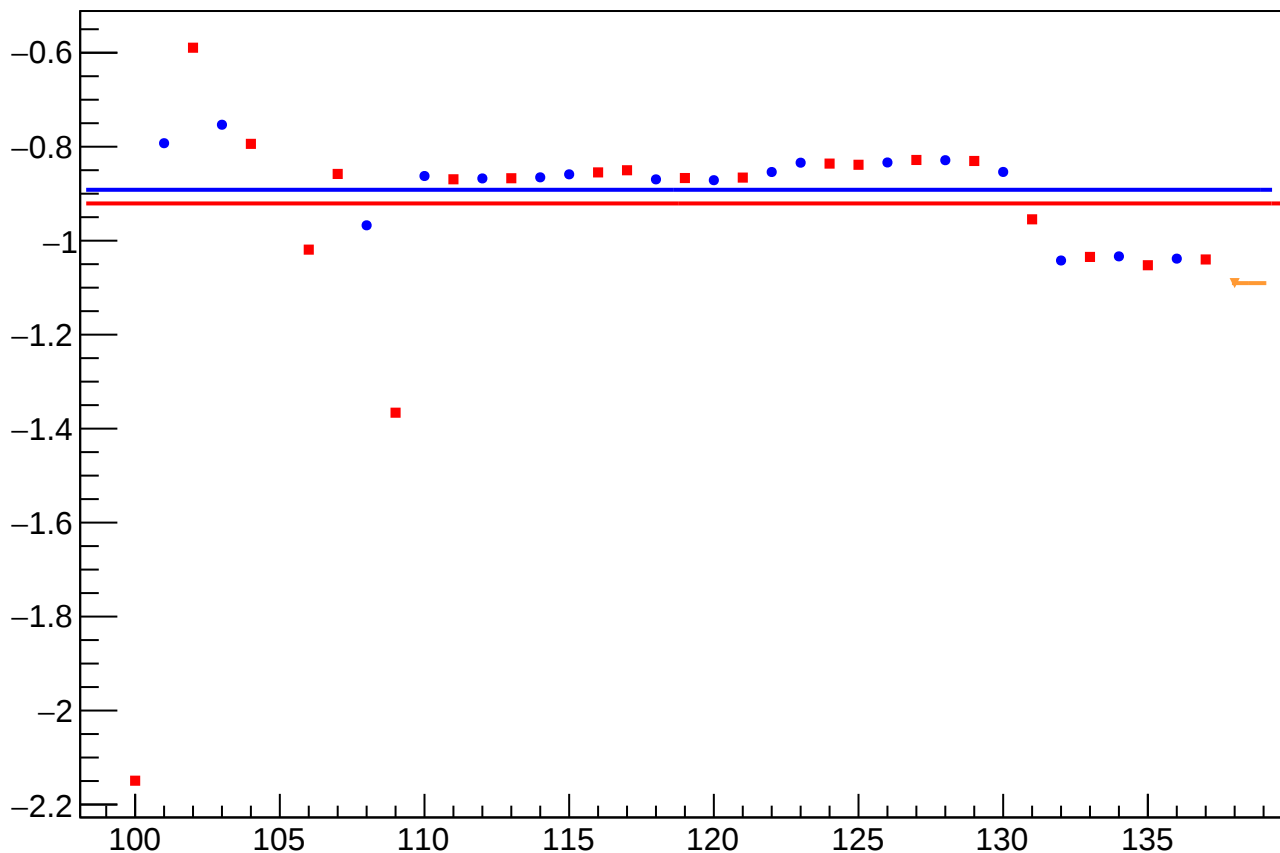
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 3045900.6/17

0.012+/-0.000 χ^2/NDF : 4884401.0/37

0.014+/-0.000 χ^2/NDF : 1576882.7/19

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.892+/-0.000 χ^2 /NDF: 39793337.2/16

Left Out: -1.090+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.921+/-0.000 χ^2 /NDF: 131248005.3/19

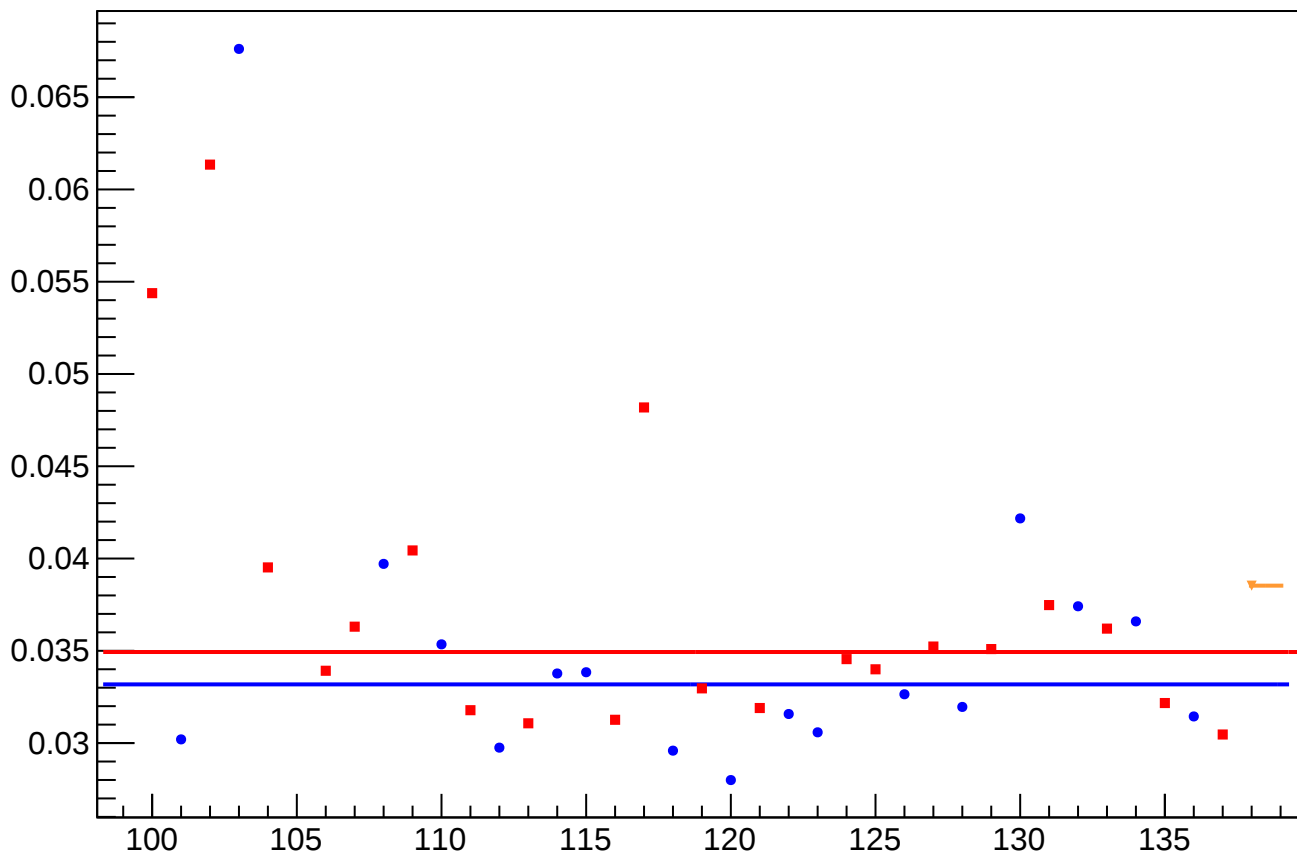
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.906+/-0.000 χ^2 /NDF: 54499782.6/17

-0.913+/-0.000 χ^2 /NDF: 186353957.9/37

-0.921+/-0.000 χ^2 /NDF: 131248005.3/19

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.033+/-0.000 χ^2/NDF : 400106.0/16

Left Out: 0.039+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.035+/-0.000 χ^2/NDF : 281256.5/19

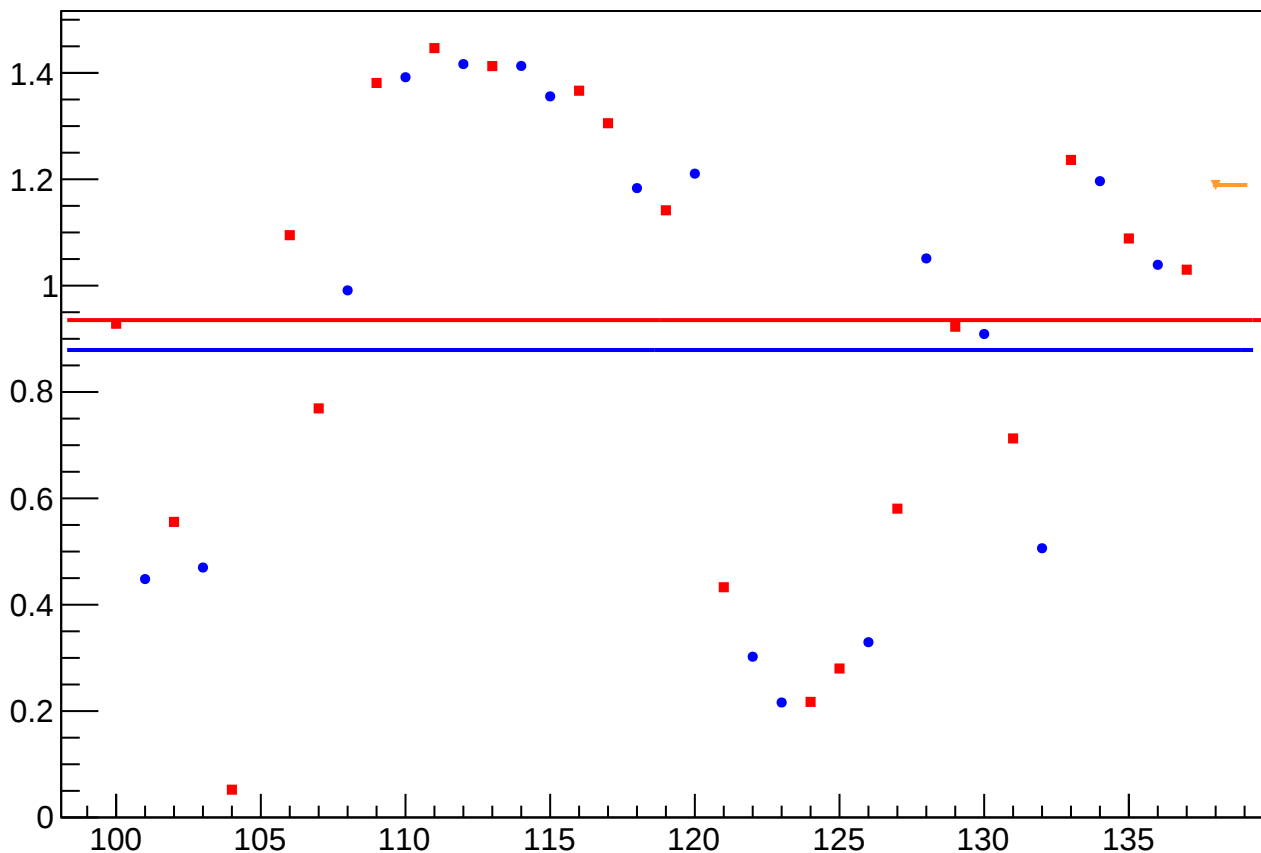
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.034+/-0.000 χ^2/NDF : 421447.4/17

0.034+/-0.000 χ^2/NDF : 712862.8/37

0.035+/-0.000 χ^2/NDF : 281256.5/19

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.879+/-0.000 χ^2/NDF : 6371602566.2/16

Left Out: 1.189+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.935+/-0.000 χ^2/NDF : 9844960466.1/19

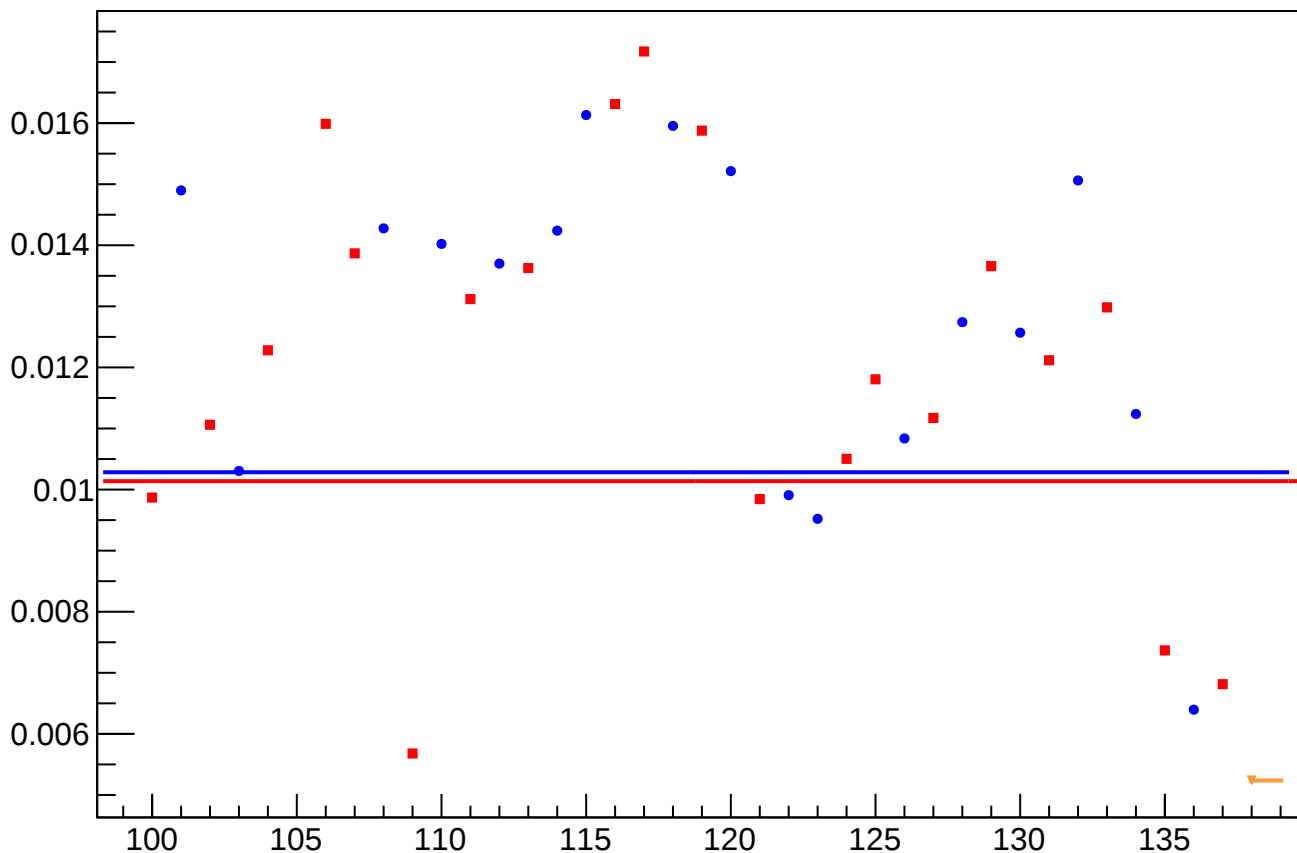
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.975+/-0.000 χ^2/NDF : 7932573866.1/17

0.958+/-0.000 χ^2/NDF : 17828406380.3/3

0.935+/-0.000 χ^2/NDF : 9844960466.1/19

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.000 χ^2 /NDF: 1207460.1/16

Left Out: 0.005 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 1189529.0/19

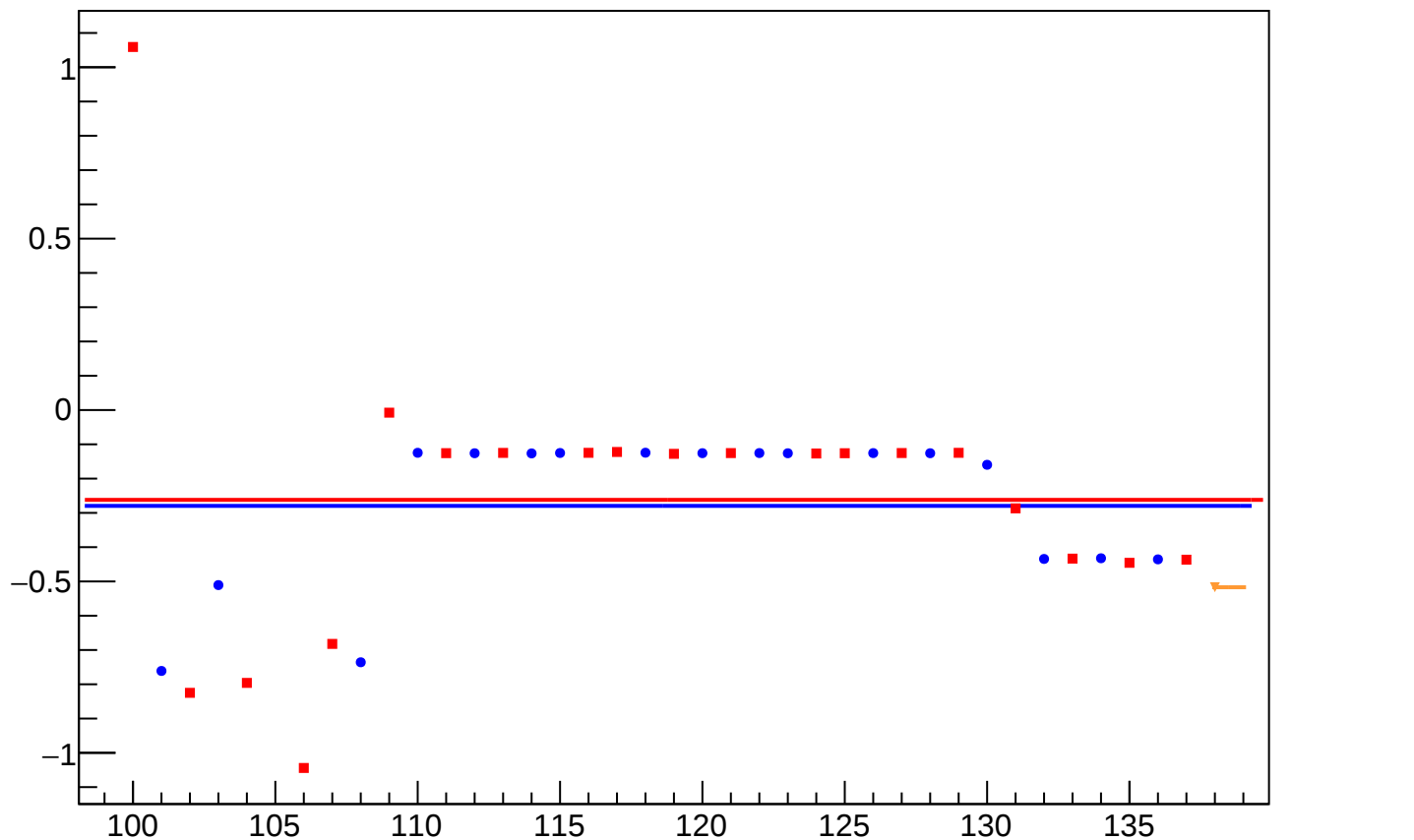
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.009 $\pm$ 0.000 χ^2 /NDF: 2033643.0/17

0.009 $\pm$ 0.000 χ^2 /NDF: 3353159.7/37

0.010 $\pm$ 0.000 χ^2 /NDF: 1189529.0/19

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.280+/-0.000 χ^2/NDF : 929210245.5/16

Left Out: -0.517+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.262+/-0.000 χ^2/NDF : 1007161741.8/19

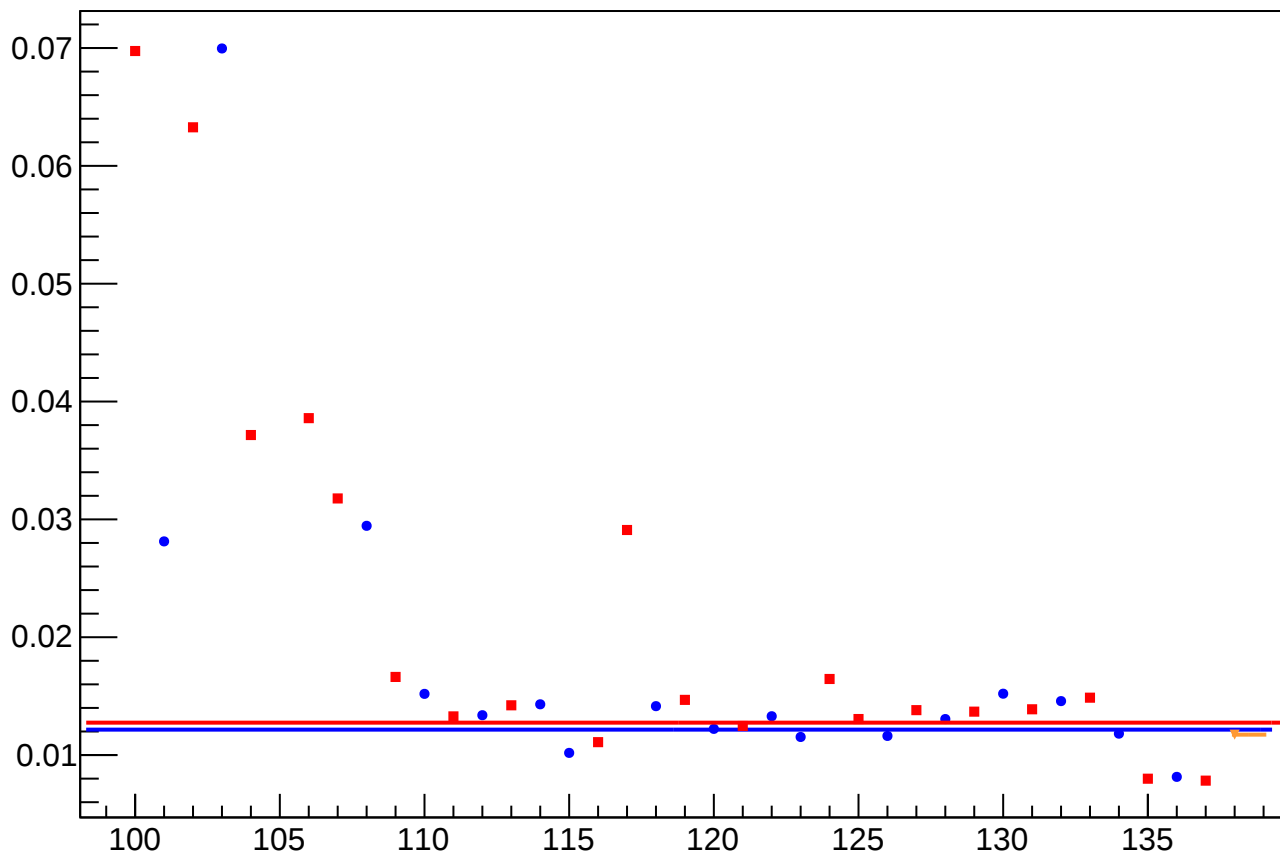
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.304+/-0.000 χ^2/NDF : 1112148153.8/17

-0.285+/-0.000 χ^2/NDF : 2147787815.2/3

-0.262+/-0.000 χ^2/NDF : 1007161741.8/19

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 1722777.4/16

Left Out: 0.012+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 1991972.4/19

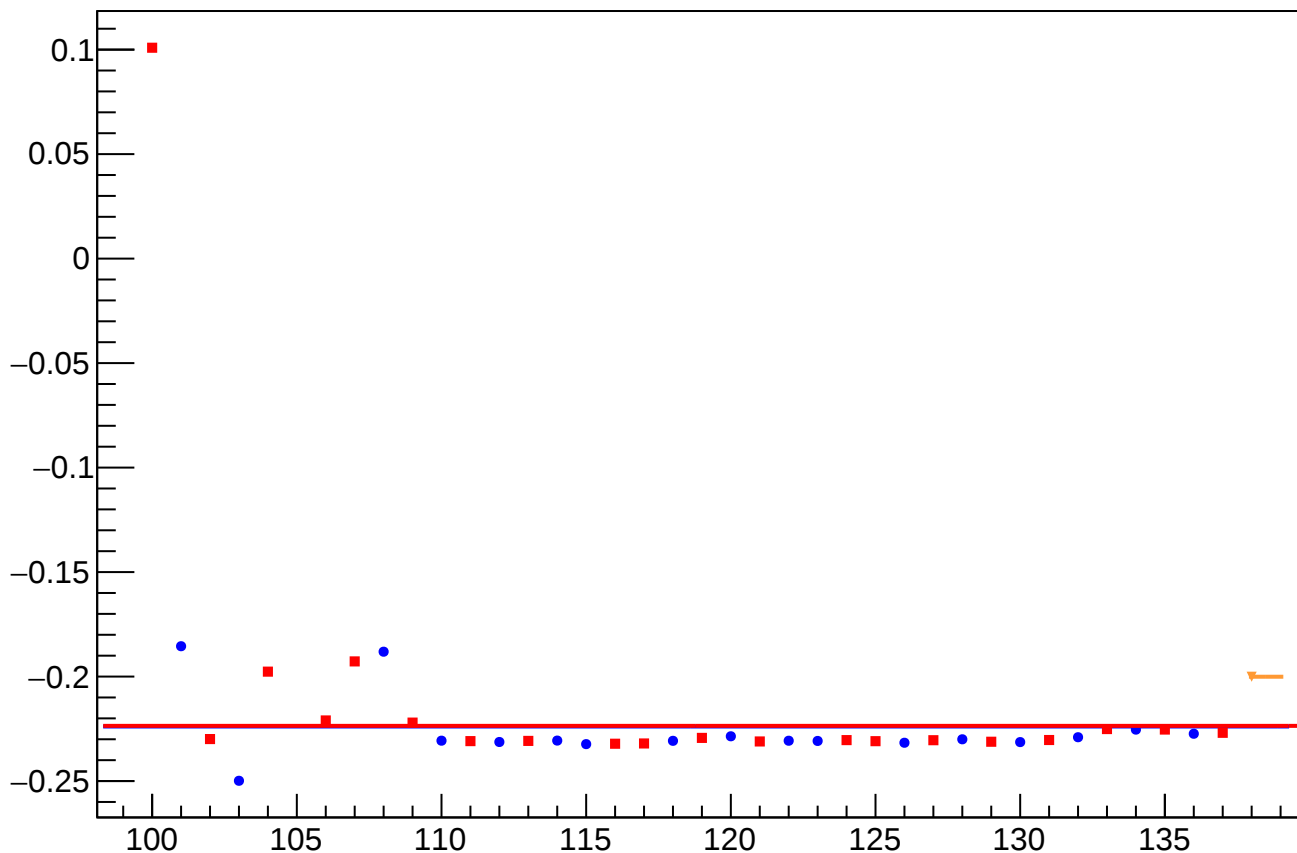
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 1723953.0/17

0.012+/-0.000 χ^2/NDF : 3729002.9/37

0.013+/-0.000 χ^2/NDF : 1991972.4/19

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.224+/-0.000 χ^2/NDF : 74600073.9/16

Left Out: -0.200+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.224+/-0.000 χ^2/NDF : 168229582.1/19

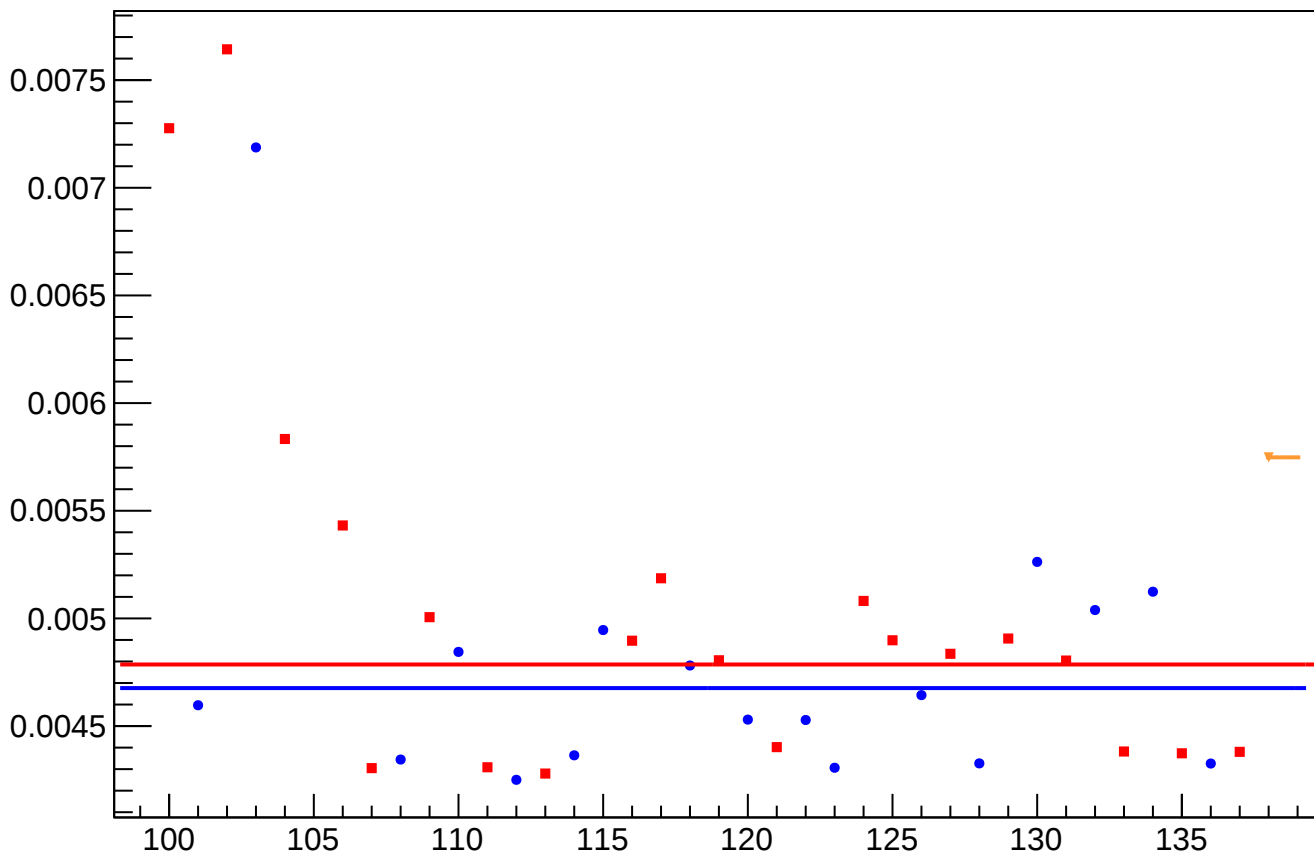
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.222+/-0.000 χ^2/NDF : 85290662.8/17

-0.223+/-0.000 χ^2/NDF : 253780518.6/37

-0.224+/-0.000 χ^2/NDF : 168229582.1/19

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 180780.8/16

Left Out: 0.006+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 248745.3/19

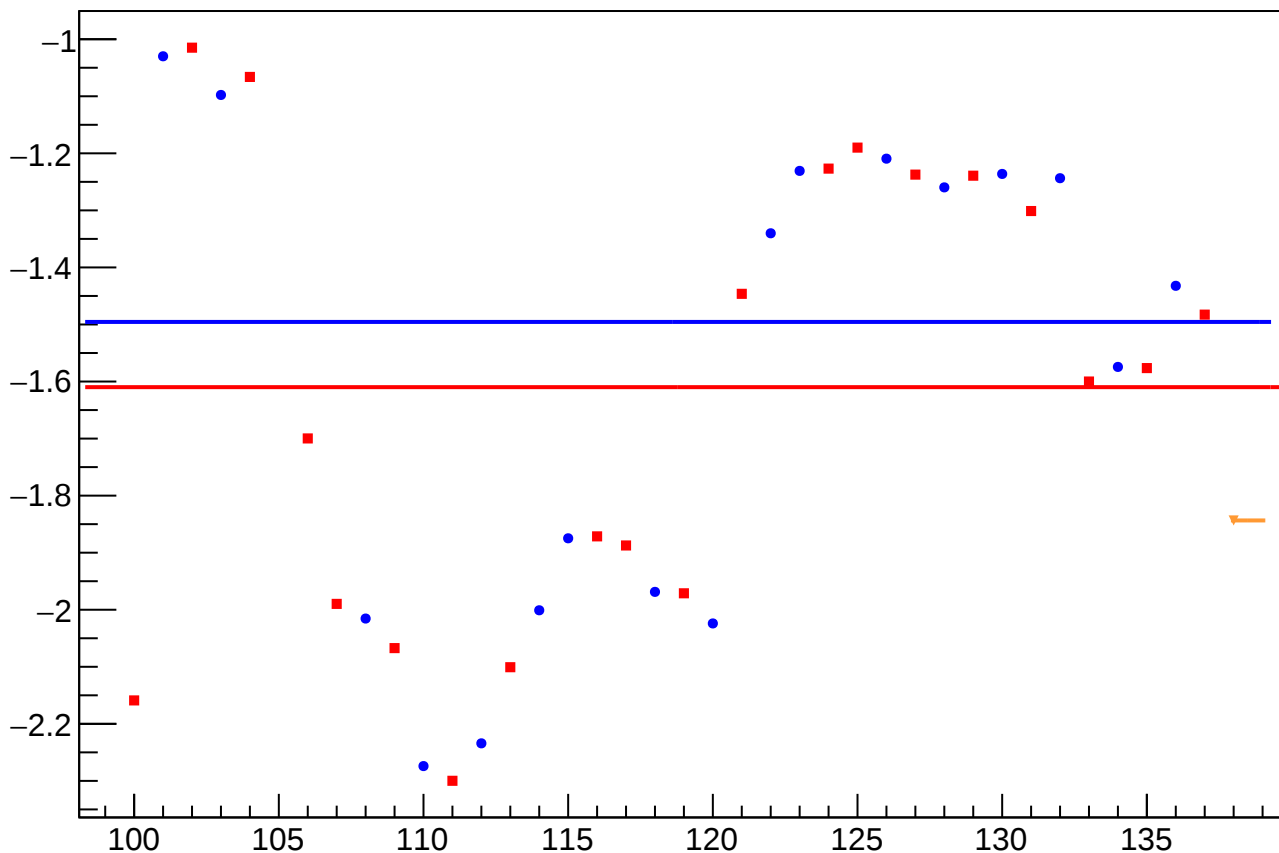
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 224103.5/17

0.005+/-0.000 χ^2/NDF : 473215.2/37

0.005+/-0.000 χ^2/NDF : 248745.3/19

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.496+/-0.000 χ^2/NDF : 22506050663.3/16

Left Out: -1.843+/-0.000 χ^2/NDF : 0.0/0

-1.545+/-0.000 χ^2/NDF : 24901611598.8/17

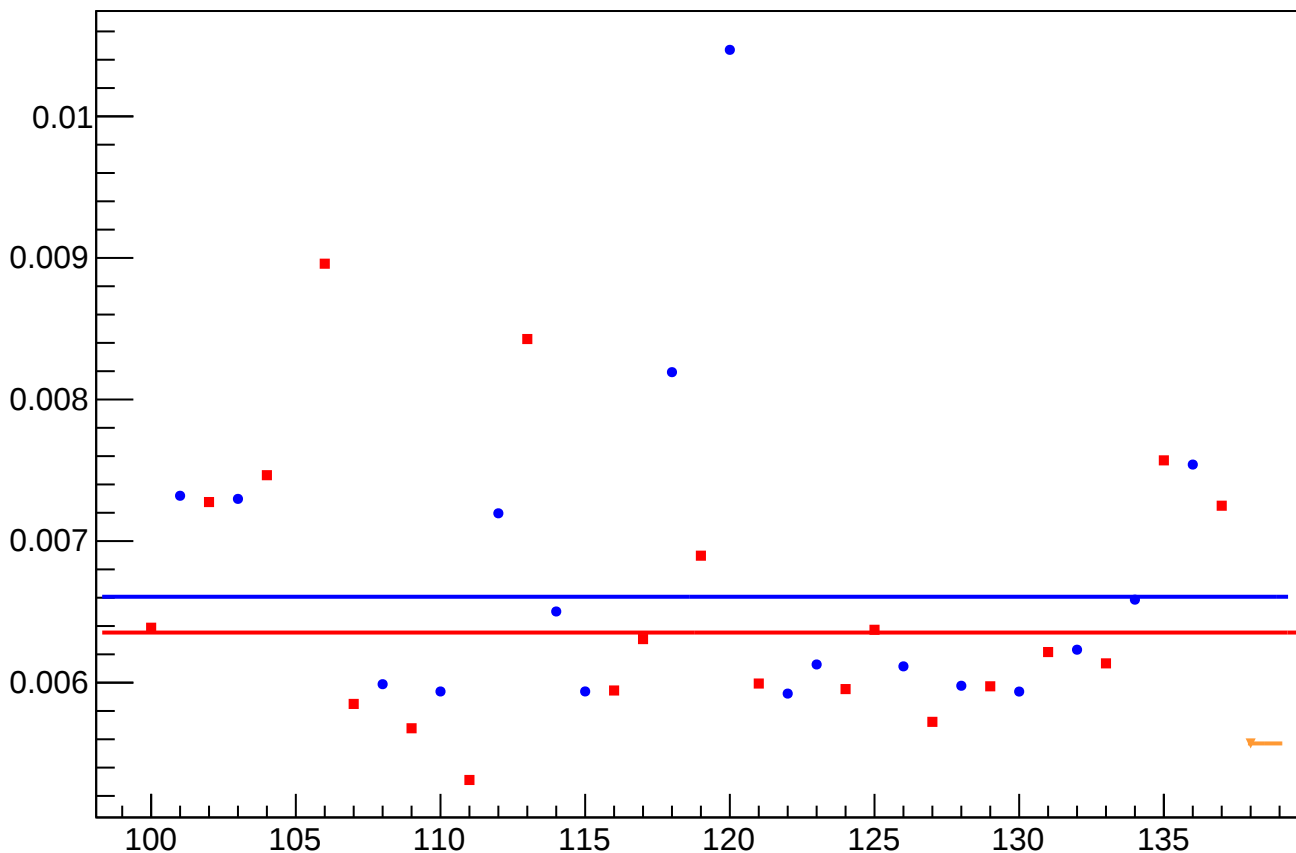
Right Out: -1.610+/-0.000 χ^2/NDF : 27936032778.6/19

-1.578+/-0.000 χ^2/NDF : 53179550510.1/17

-1.610+/-0.000 χ^2/NDF : 27936032778.6/19

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

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 201323.2/16

Left Out: 0.006+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 227292.5/19

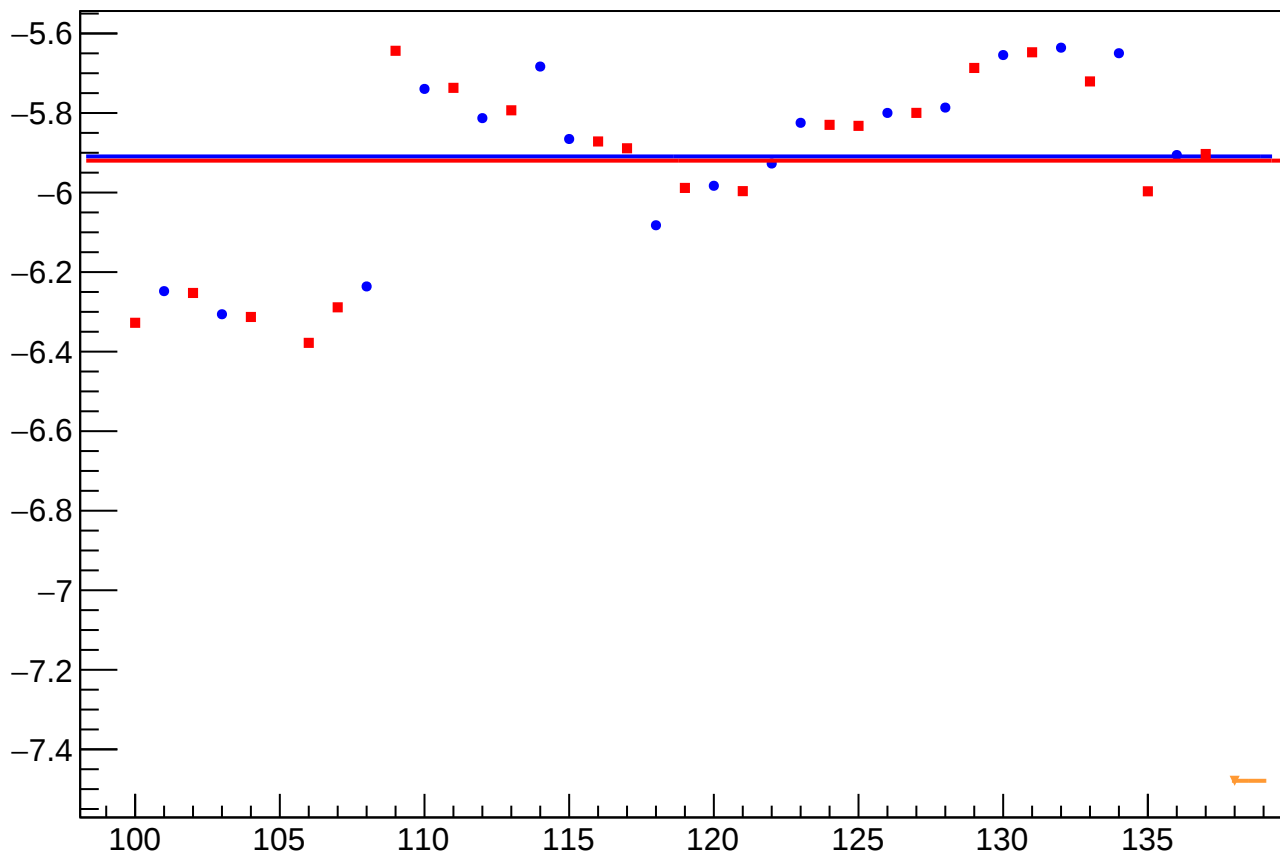
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 243807.6/17

0.006+/-0.000 χ^2/NDF : 472907.1/37

0.006+/-0.000 χ^2/NDF : 227292.5/19

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -5.909+/-0.000 χ^2/NDF : 11125163629.1/16

Left Out: -7.479+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.920+/-0.000 χ^2/NDF : 12786104538.4/19

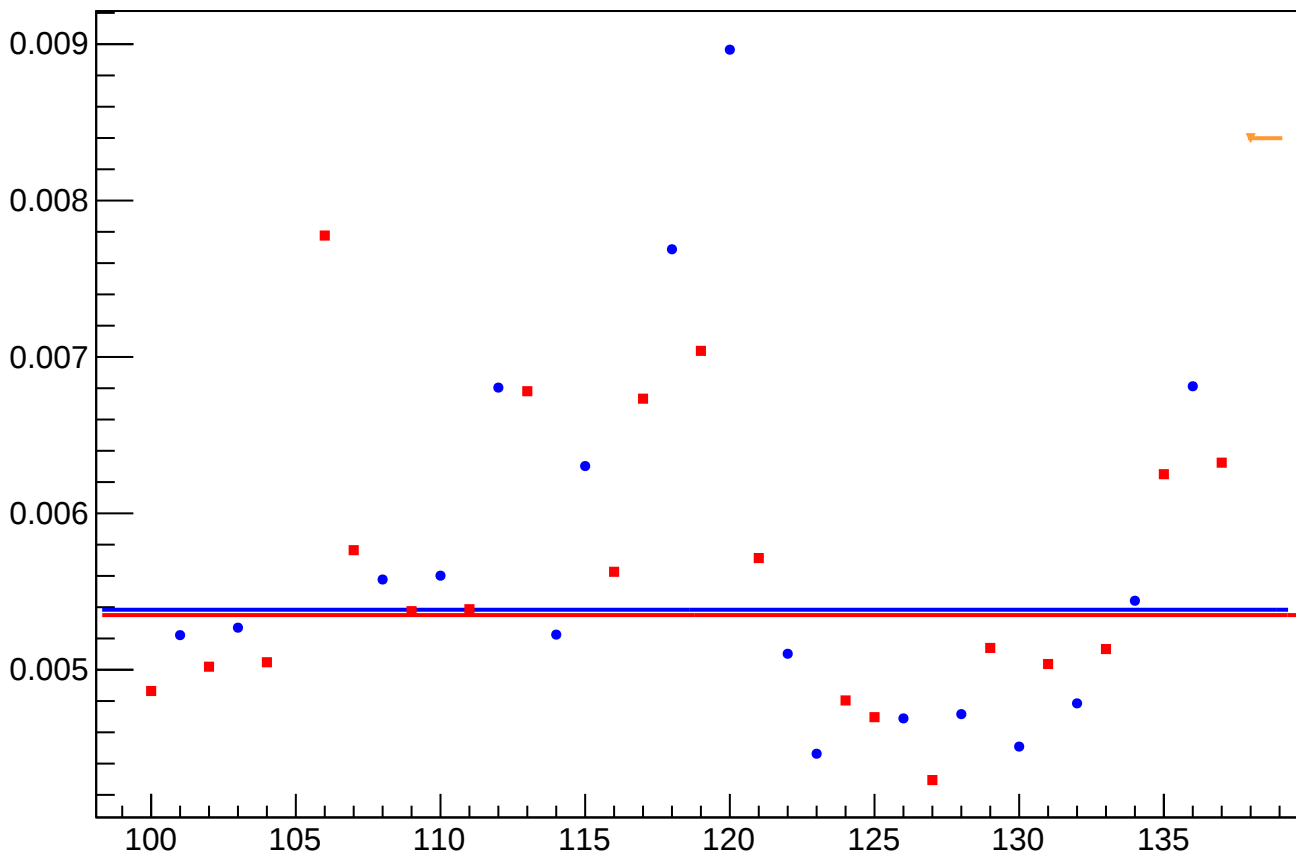
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.970+/-0.000 χ^2/NDF : 30517282283.2/17

-5.944+/-0.000 χ^2/NDF : 43580637020.1/17

-5.920+/-0.000 χ^2/NDF : 12786104538.4/19

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 347627.8/16

Left Out: 0.008+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 247999.6/19

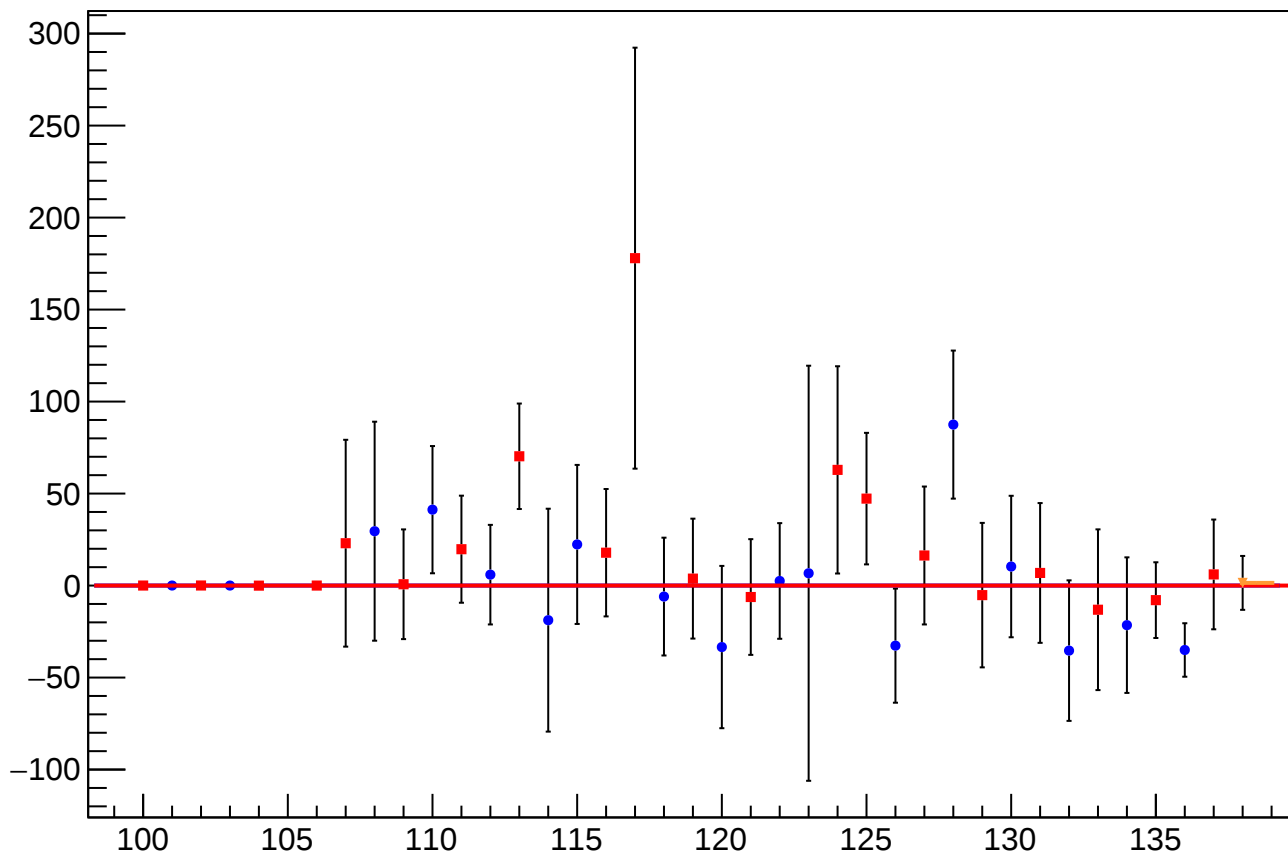
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 490687.3/17

0.005+/-0.000 χ^2/NDF : 743660.3/37

0.005+/-0.000 χ^2/NDF : 247999.6/19

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.017 χ^2/NDF : 15.8/16

Left Out: 1.457+/-14.647 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.016 χ^2/NDF : 17.7/19

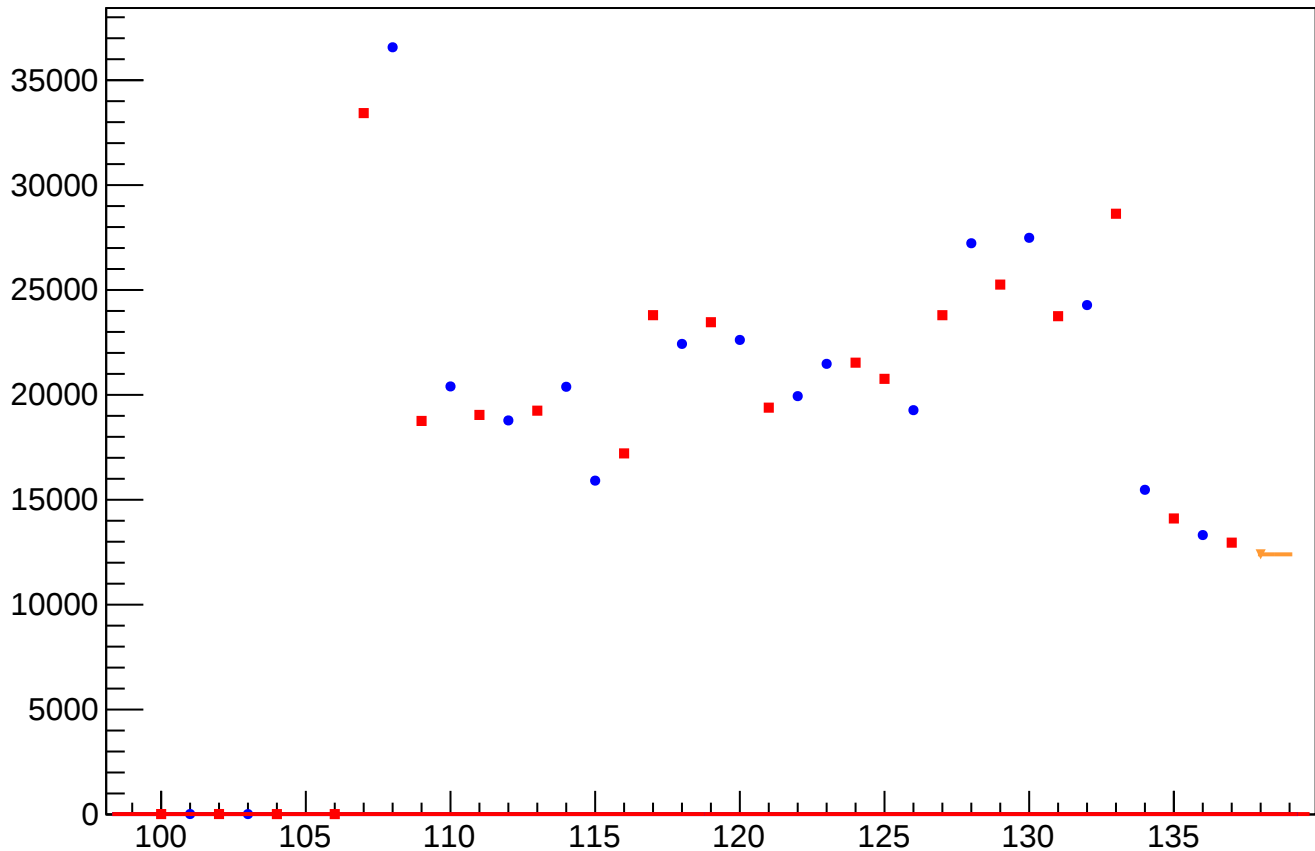
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.017 χ^2/NDF : 15.8/17

0.004+/-0.012 χ^2/NDF : 34.0/37

-0.003+/-0.016 χ^2/NDF : 17.7/19

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 18.641+/-0.012 χ^2/NDF : 10841561.4/16

Left Out: 12398.615+/-10.357 χ^2/NDF : 0.0/0

Right Out: 18.312+/-0.011 χ^2/NDF : 11189737.0/19

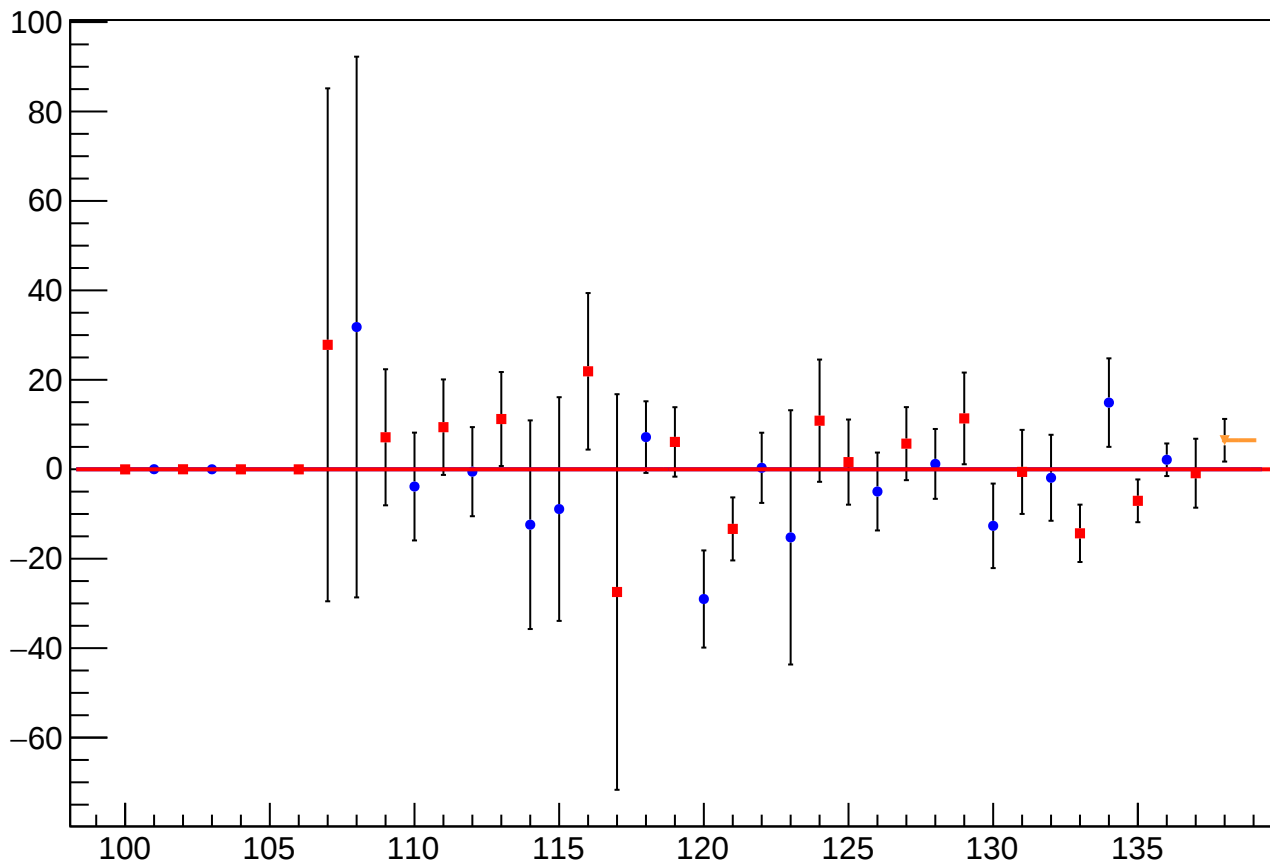
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

18.658+/-0.012 χ^2/NDF : 12270412.7/17

18.472+/-0.008 χ^2/NDF : 23460579.1/37

18.312+/-0.011 χ^2/NDF : 11189737.0/19

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.009 χ^2/NDF : 14.9/16

Left Out: 6.486+/-4.767 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.009 χ^2/NDF : 18.8/19

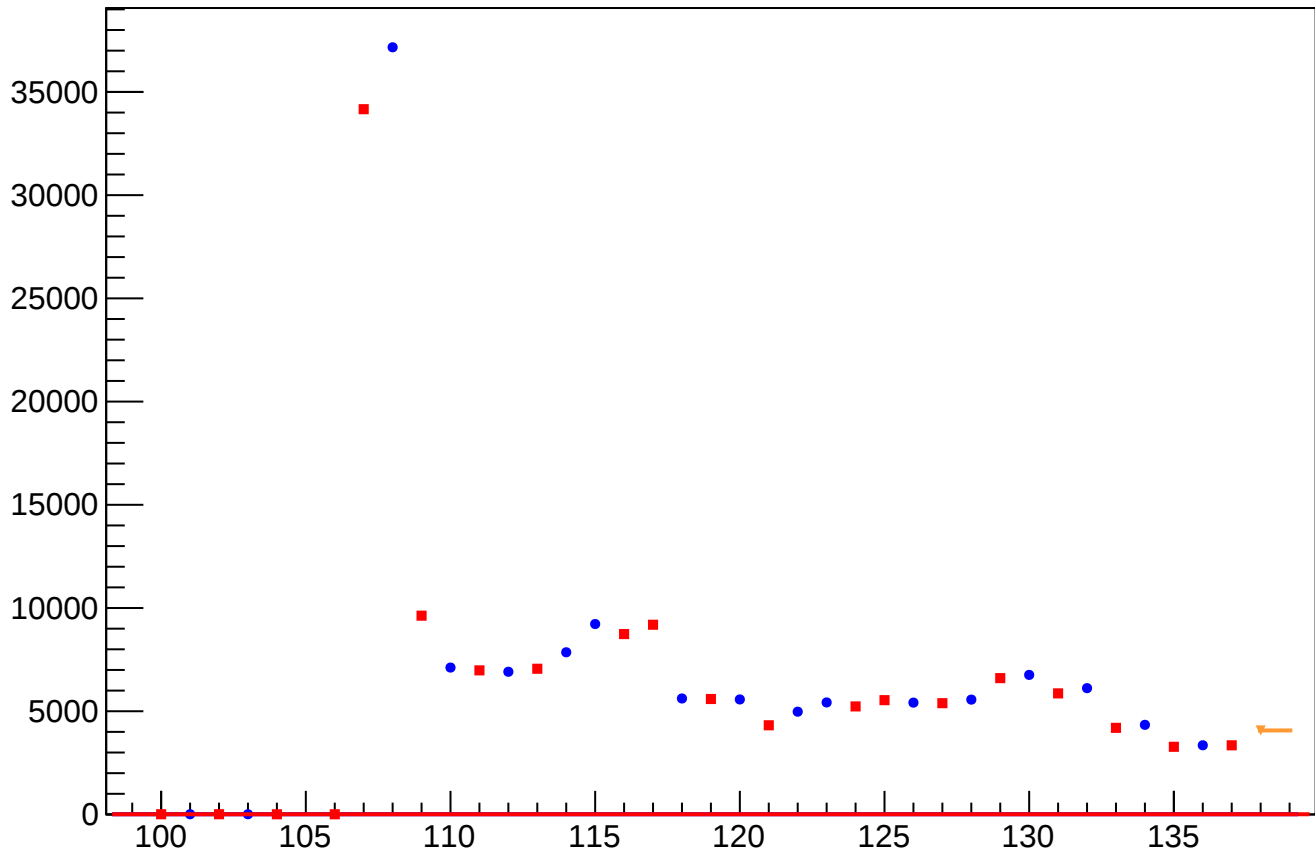
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.001+/-0.009 χ^2/NDF : 16.7/17

-0.007+/-0.006 χ^2/NDF : 36.9/37

-0.014+/-0.009 χ^2/NDF : 18.8/19

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 9.938+/-0.007 χ^2/NDF : 10973577.1/16

Left Out: 4070.118+/-3.371 χ^2/NDF : 0.0/0

Right Out: 9.855+/-0.006 χ^2/NDF : 11238836.3/19

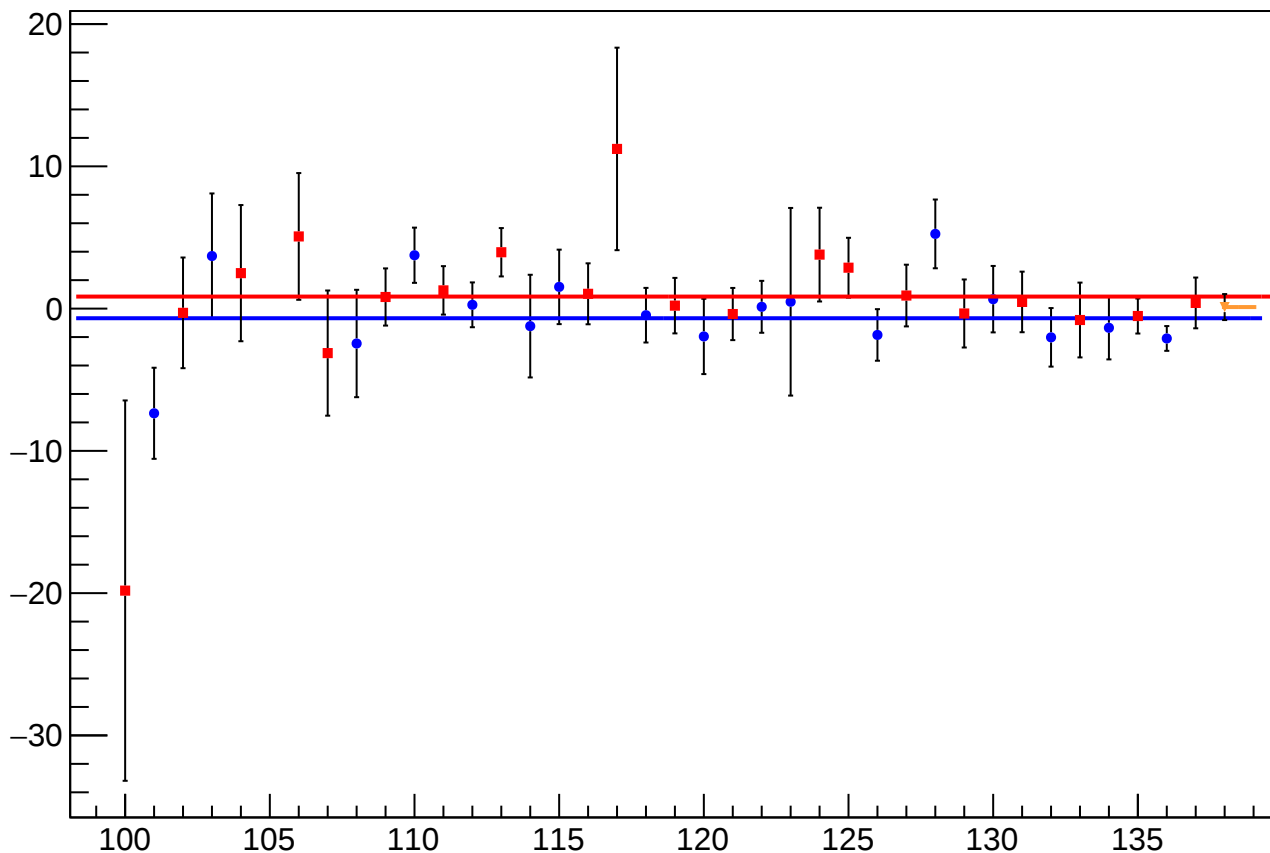
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.953+/-0.007 χ^2/NDF : 12424583.9/17

9.901+/-0.004 χ^2/NDF : 23663541.9/37

9.855+/-0.006 χ^2/NDF : 11238836.3/19

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.677 ± 0.484 χ^2/NDF : 22.3/16

Left Out: 0.108 ± 0.913 χ^2/NDF : 0.0/0

Right Out: 0.846 ± 0.500 χ^2/NDF : 14.1/19

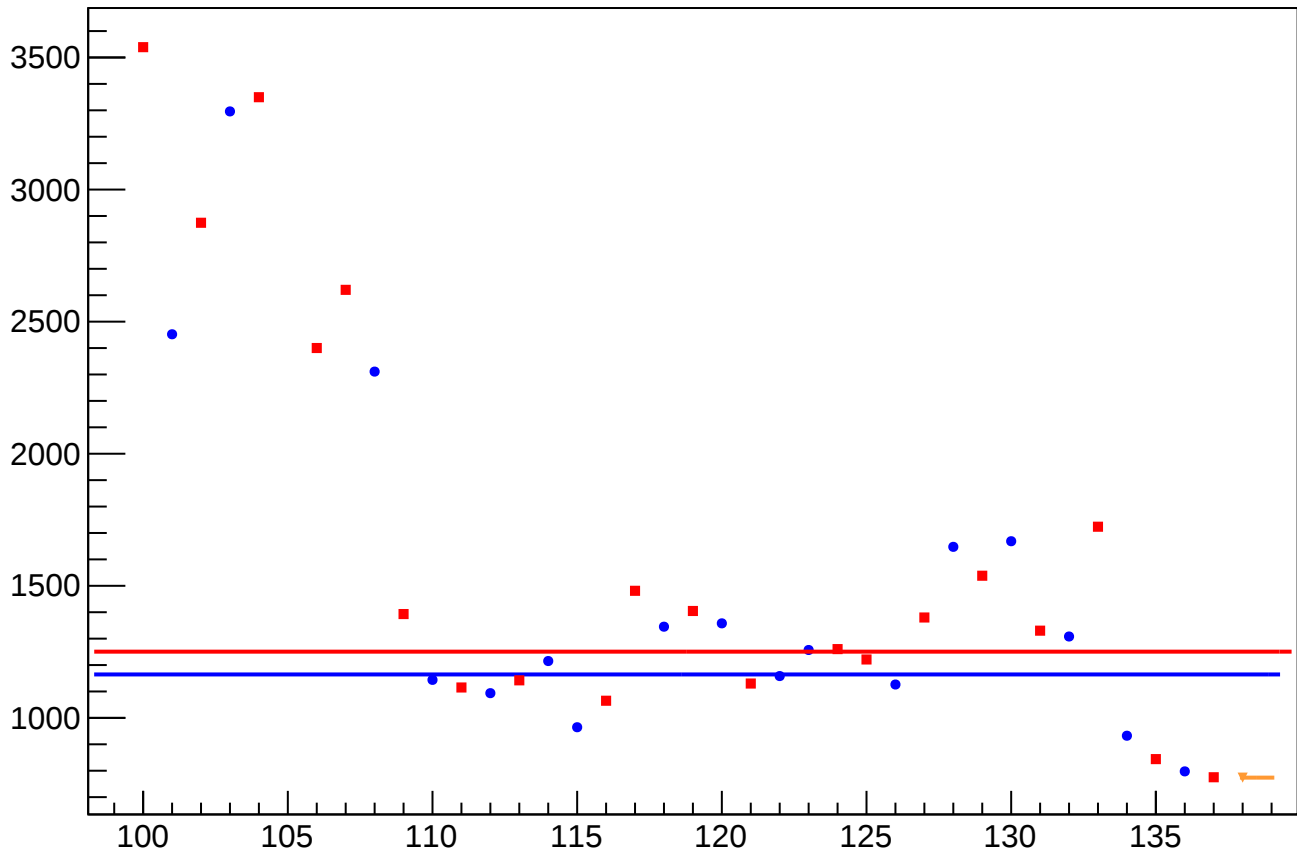
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.504 ± 0.428 χ^2/NDF : 22.9/17

0.066 ± 0.325 χ^2/NDF : 41.2/37

0.846 ± 0.500 χ^2/NDF : 14.1/19

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 1164.459 $\pm$ 0.342 χ^2 /NDF: 1584212.9/16

Left Out: 773.848 $\pm$ 0.646 χ^2 /NDF: 0.0/0

Right Out: 1250.738 $\pm$ 0.354 χ^2 /NDF: 1652238.9/19

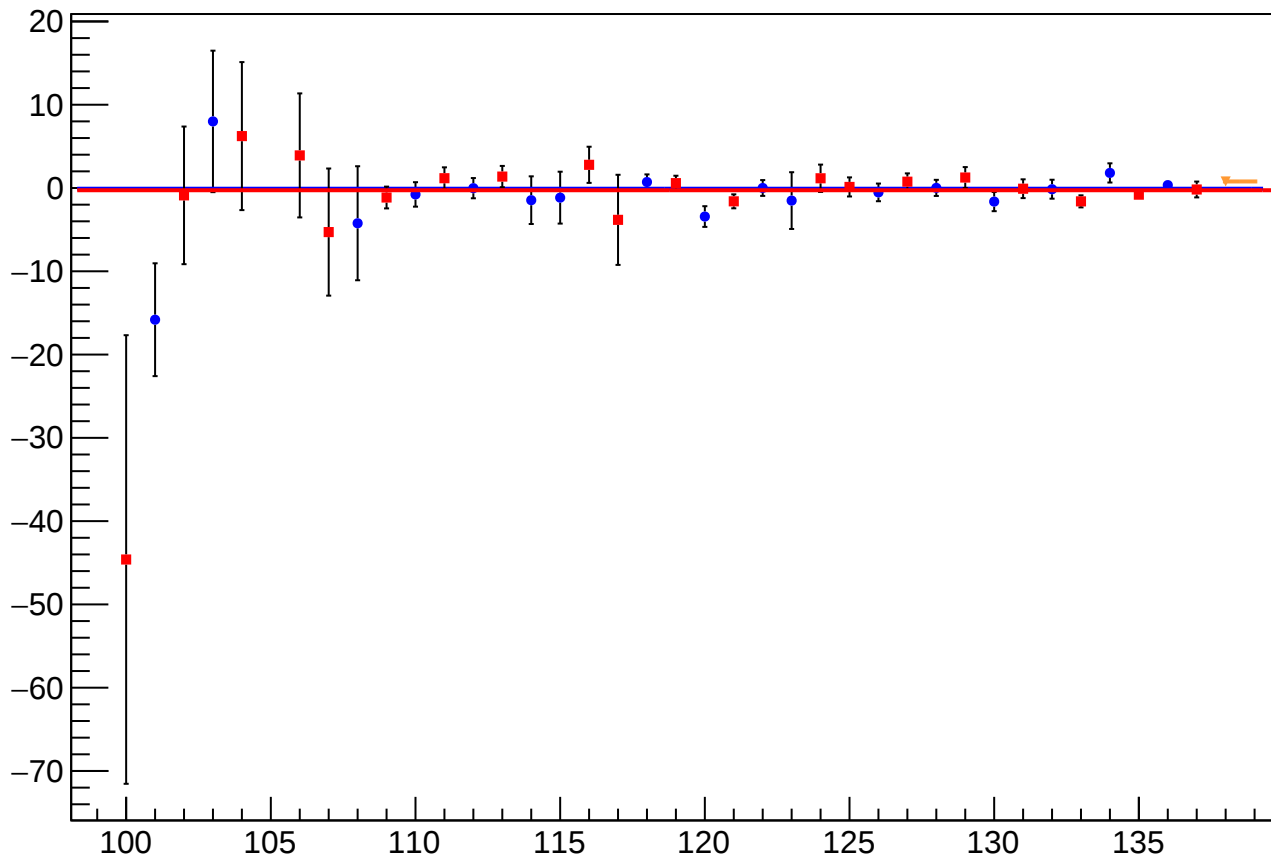
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1078.759 $\pm$ 0.302 χ^2 /NDF: 1869850.4/17

1151.427 $\pm$ 0.230 χ^2 /NDF: 3658697.2/37

1250.738 $\pm$ 0.354 χ^2 /NDF: 1652238.9/19

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.086 ± 0.270 χ^2/NDF : 21.1/16

Left Out: 0.785 ± 0.585 χ^2/NDF : 0.0/0

Right Out: -0.268 ± 0.264 χ^2/NDF : 20.9/19

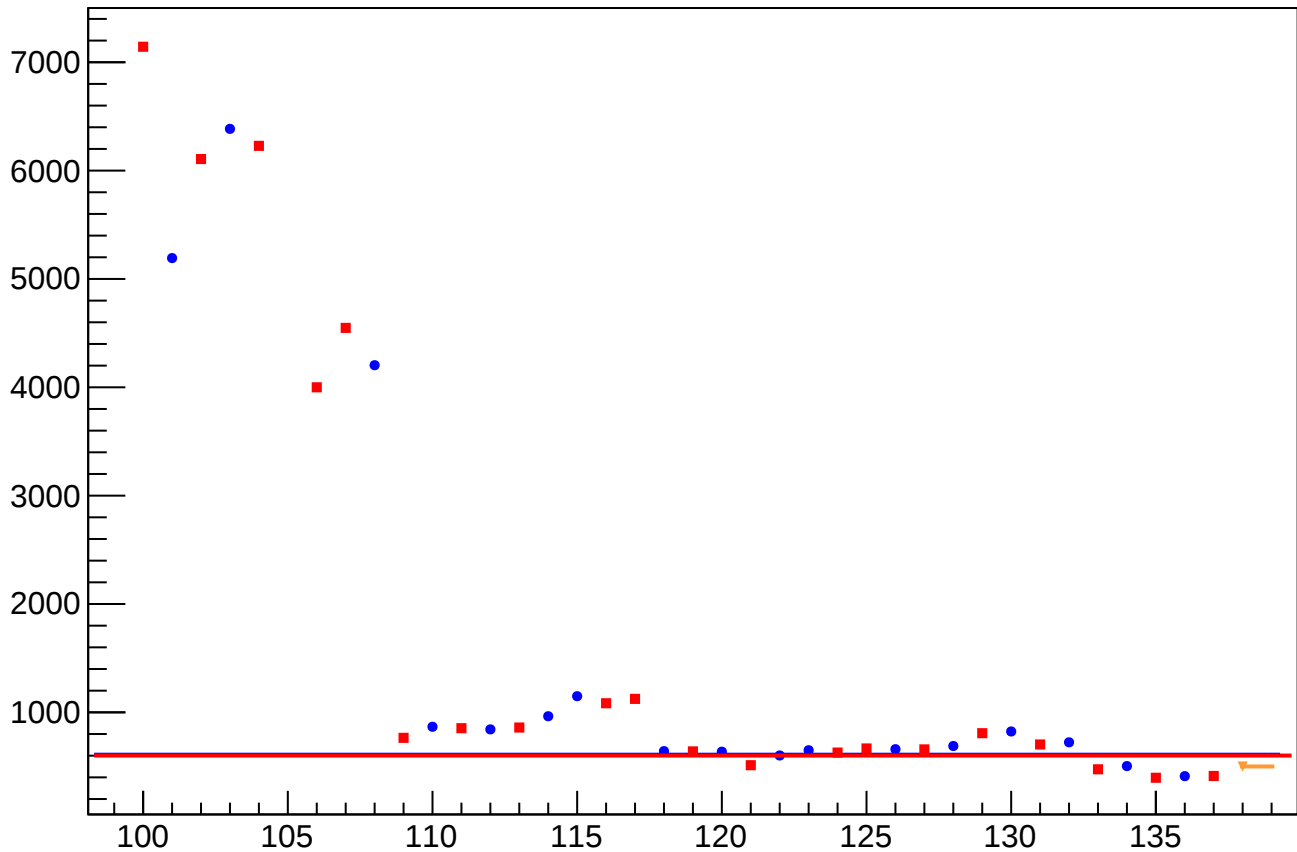
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.067 ± 0.245 χ^2/NDF : 22.9/17

-0.088 ± 0.180 χ^2/NDF : 44.6/37

-0.268 ± 0.264 χ^2/NDF : 20.9/19

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 609.016+/-0.191 χ^2/NDF : 3139231.5/16

Left Out: 500.395+/-0.414 χ^2/NDF : 0.0/0

Right Out: 601.159+/-0.187 χ^2/NDF : 3566339.5/19

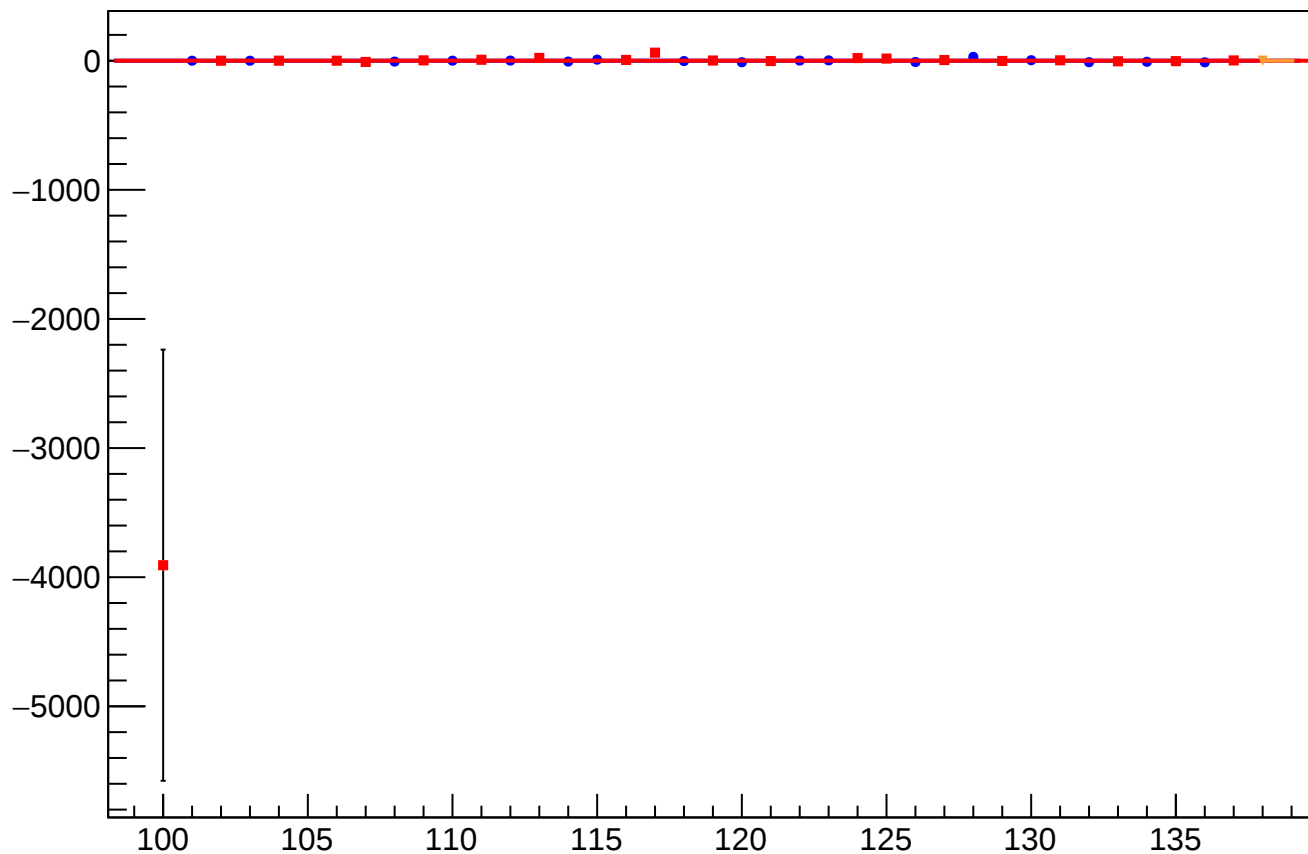
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

589.918+/-0.173 χ^2/NDF : 3196077.1/17

595.125+/-0.127 χ^2/NDF : 6764362.6/37

601.159+/-0.187 χ^2/NDF : 3566339.5/19

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.022 ± 0.021 χ^2/NDF : 15.3/16

Left Out: 0.679 ± 5.250 χ^2/NDF : 0.0/0

Right Out: 0.027 ± 0.020 χ^2/NDF : 19.8/19

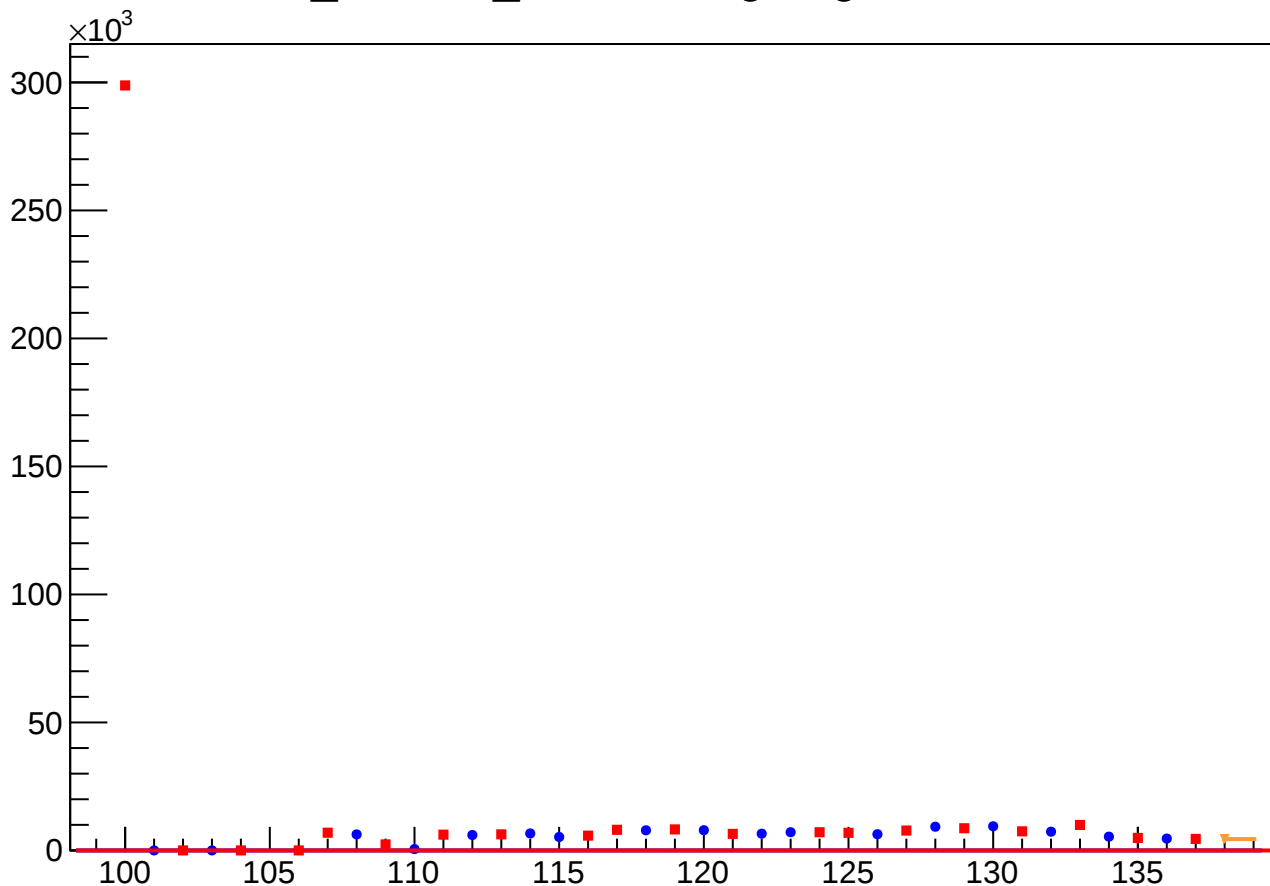
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.022 ± 0.021 χ^2/NDF : 15.3/17

0.004 ± 0.014 χ^2/NDF : 38.0/37

0.027 ± 0.020 χ^2/NDF : 19.8/19

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 17.337 $\pm$ 0.015 χ^2 /NDF: 10359409.4/16

Left Out: 4448.545 $\pm$ 3.713 χ^2 /NDF: 0.0/0

Right Out: 17.270 $\pm$ 0.014 χ^2 /NDF: 10899577.1/19

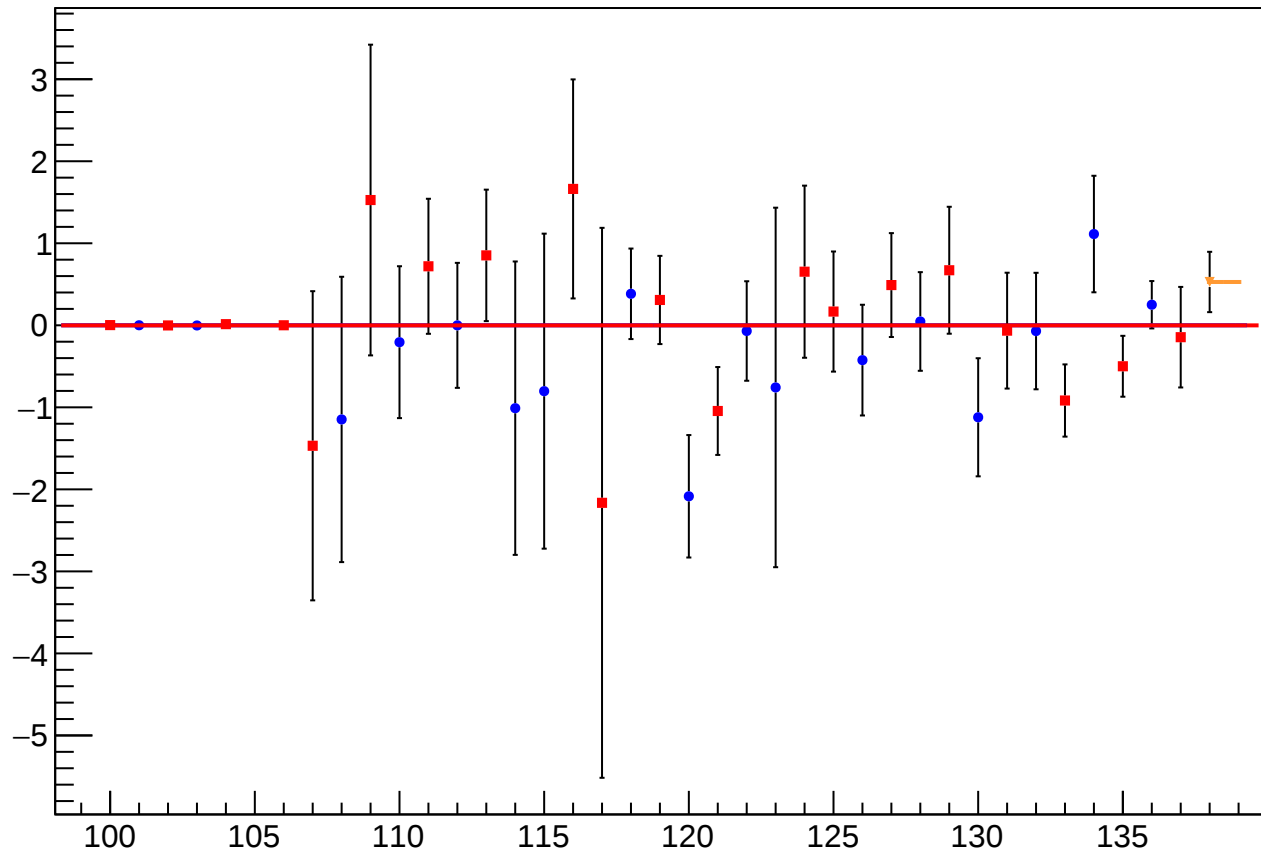
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.406 $\pm$ 0.015 χ^2 /NDF: 11783964.3/17

17.335 $\pm$ 0.010 χ^2 /NDF: 22683586.4/37

17.270 $\pm$ 0.014 χ^2 /NDF: 10899577.1/19

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.002 χ^2 /NDF: 15.6/16

Left Out: 0.528 $\pm$ 0.368 χ^2 /NDF: 0.0/0

Right Out: -0.001 $\pm$ 0.002 χ^2 /NDF: 18.2/19

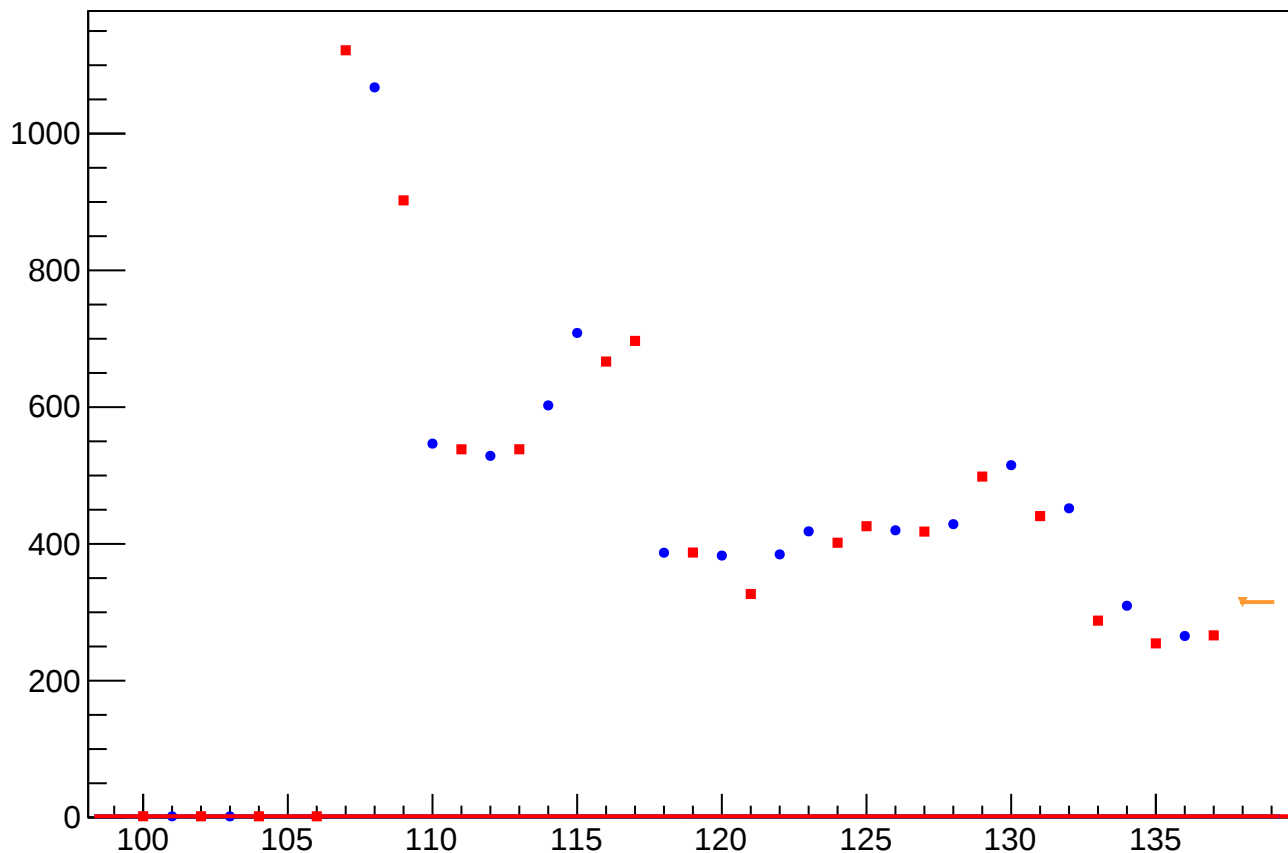
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.002 χ^2 /NDF: 17.7/17

-0.000 $\pm$ 0.001 χ^2 /NDF: 36.1/37

-0.001 $\pm$ 0.002 χ^2 /NDF: 18.2/19

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 1.698+/-0.001 χ^2/NDF : 10911617.0/16

Left Out: 314.952+/-0.260 χ^2/NDF : 0.0/0

Right Out: 1.729+/-0.001 χ^2/NDF : 10822679.1/19

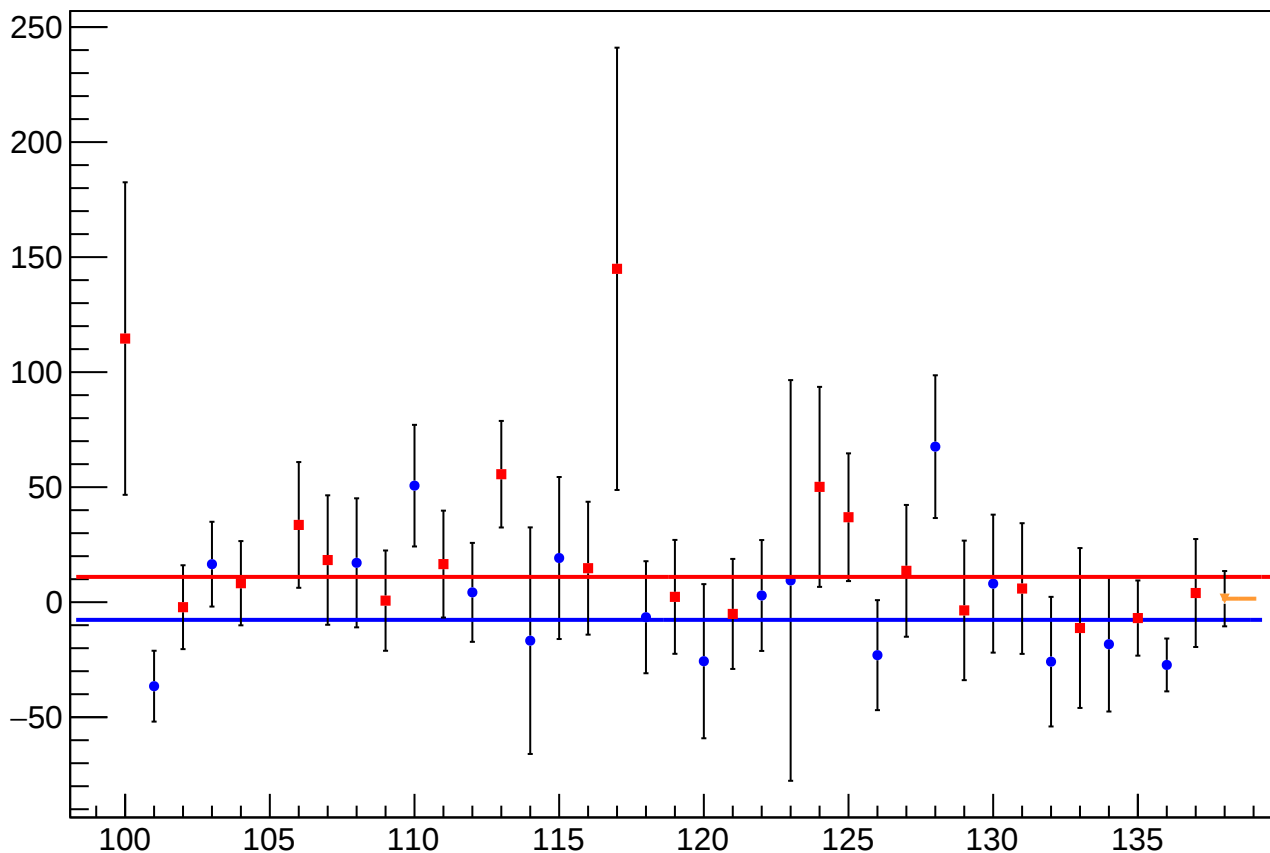
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.708+/-0.001 χ^2/NDF : 12362290.5/17

1.719+/-0.001 χ^2/NDF : 23185077.6/37

1.729+/-0.001 χ^2/NDF : 10822679.1/19

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -7.683 ± 5.627 $\chi^2/\text{NDF}: 22.4/16$

Left Out: 1.524 ± 12.020 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 10.992 ± 5.672 $\chi^2/\text{NDF}: 13.8/19$

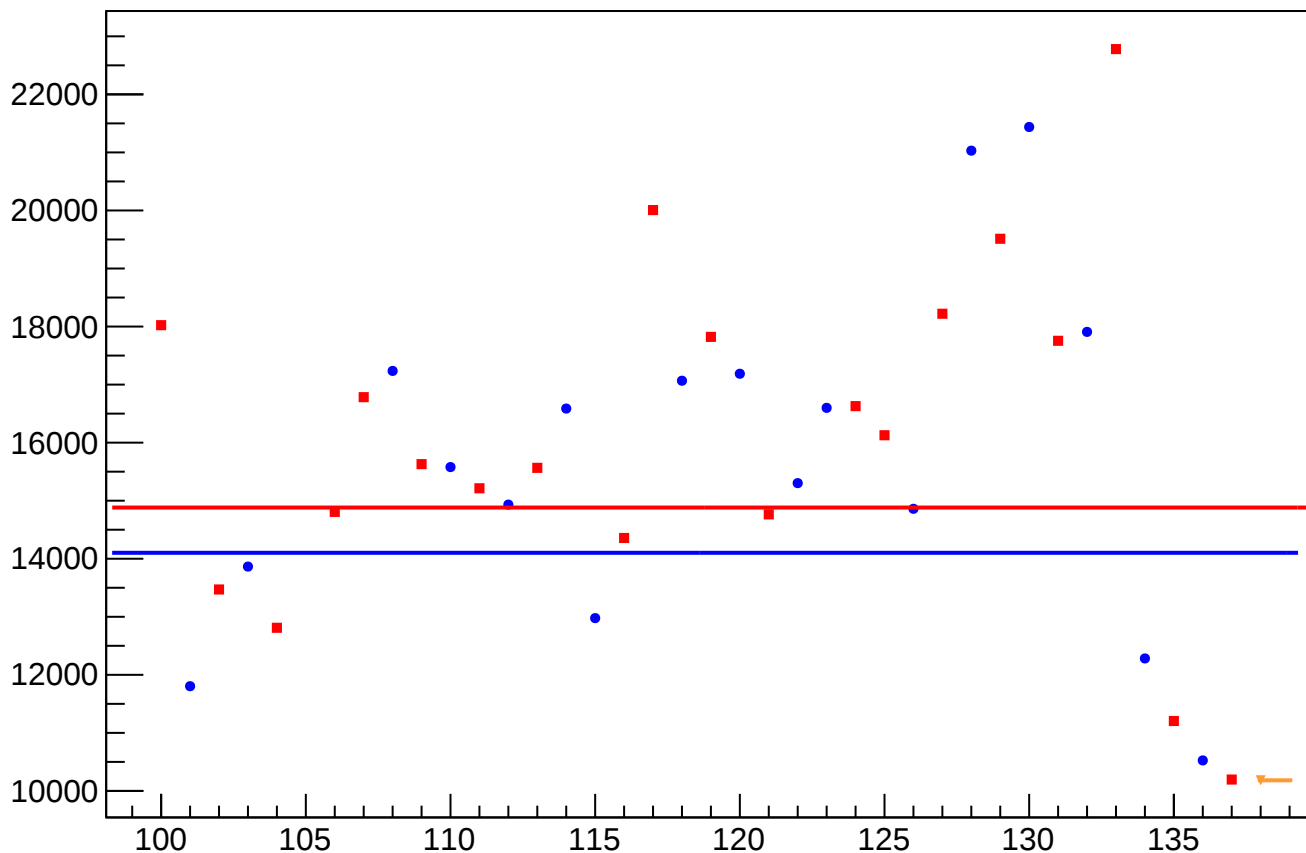
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-6.028 ± 5.096 $\chi^2/\text{NDF}: 22.8/17$

1.574 ± 3.791 $\chi^2/\text{NDF}: 41.6/37$

10.992 ± 5.672 $\chi^2/\text{NDF}: 13.8/19$

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 14102.522+/-3.979 χ^2/NDF : 598934.8/16

Left Out: 10182.951+/-8.499 χ^2/NDF : 0.0/0

Right Out: 14882.066+/-4.011 χ^2/NDF : 475983.1/19

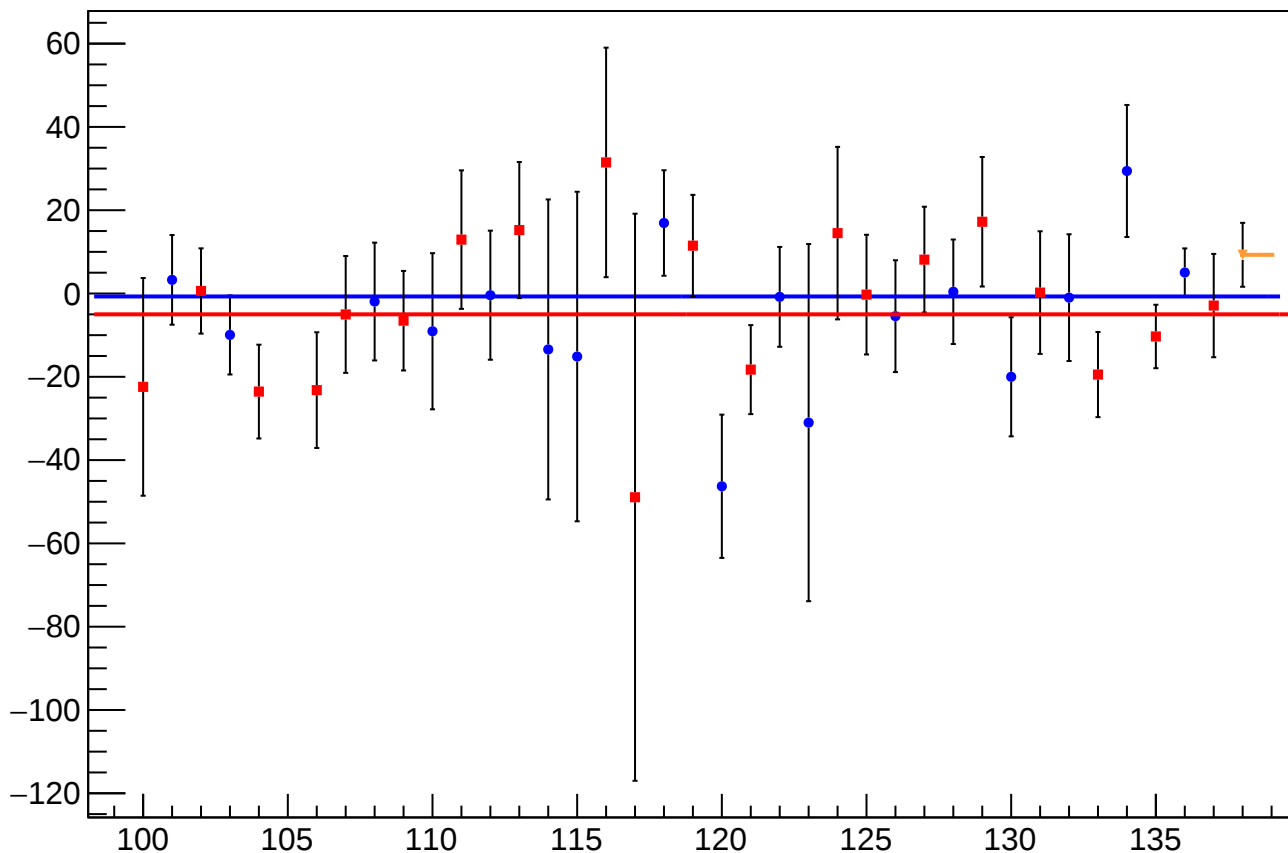
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13397.907+/-3.604 χ^2/NDF : 773370.0/17

14060.832+/-2.681 χ^2/NDF : 1325115.1/3

14882.066+/-4.011 χ^2/NDF : 475983.1/19

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -0.708 ± 3.084 $\chi^2/\text{NDF}: 17.6/16$

Left Out: 9.297 ± 7.674 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -5.000 ± 2.937 $\chi^2/\text{NDF}: 20.2/19$

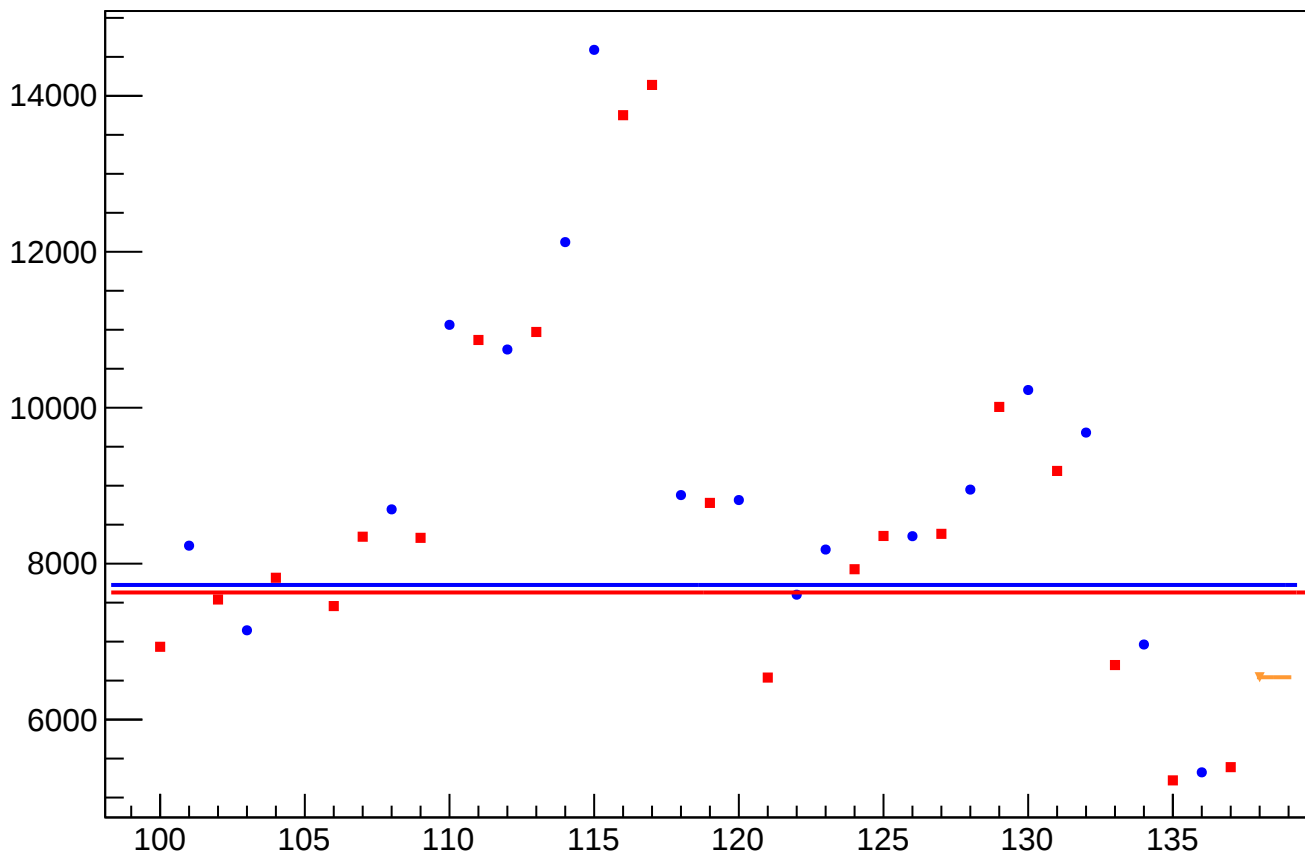
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

0.683 ± 2.861 $\chi^2/\text{NDF}: 19.0/17$

-2.085 ± 2.049 $\chi^2/\text{NDF}: 41.1/37$

-5.000 ± 2.937 $\chi^2/\text{NDF}: 20.2/19$

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 7726.745 $\pm$ 2.180 χ^2 /NDF: 742512.8/16

Left Out: 6543.070 $\pm$ 5.427 χ^2 /NDF: 0.0/0

Right Out: 7630.342 $\pm$ 2.077 χ^2 /NDF: 693444.5/19

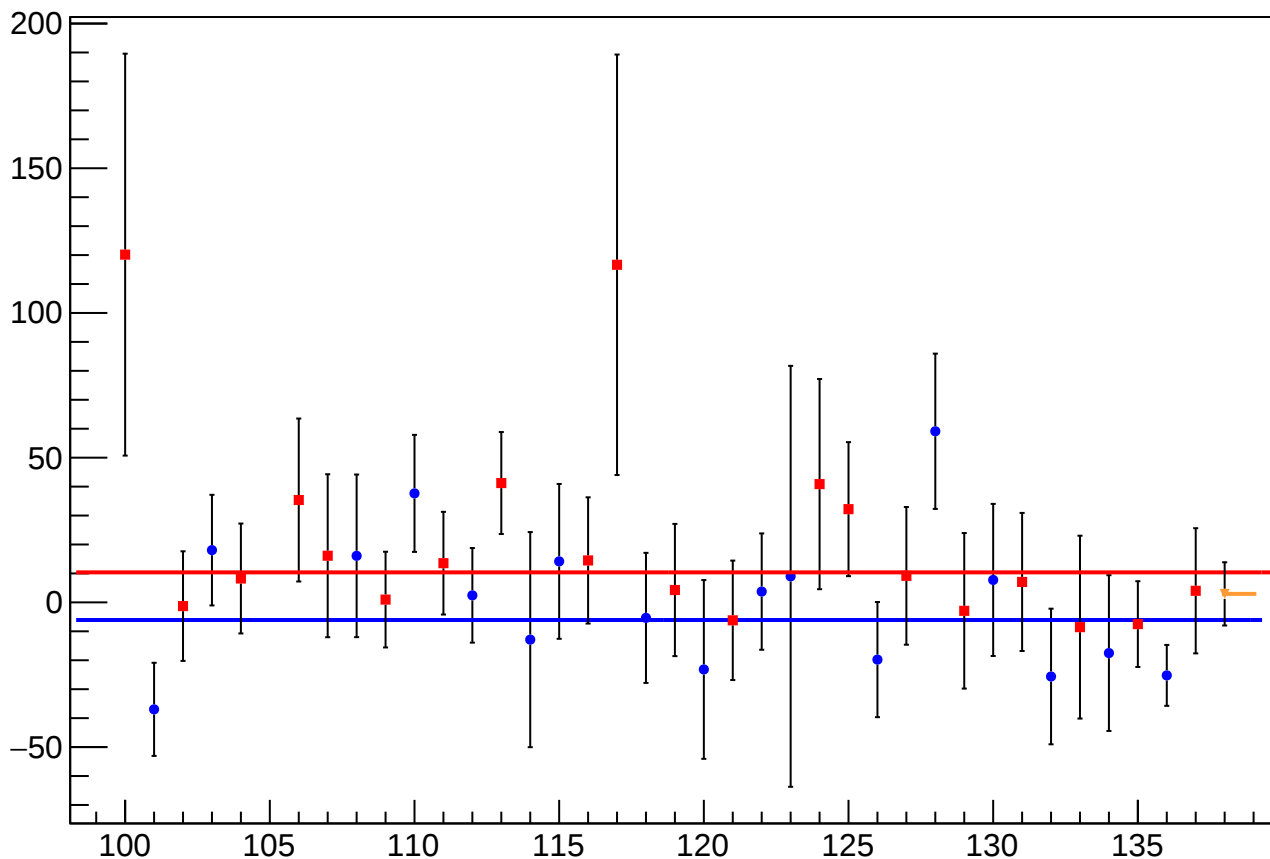
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7562.211 $\pm$ 2.023 χ^2 /NDF: 783479.1/17

7595.388 $\pm$ 1.449 χ^2 /NDF: 1477475.8/37

7630.342 $\pm$ 2.077 χ^2 /NDF: 693444.5/19

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: -6.092+/-5.034 χ^2 /NDF: 22.9/16

Left Out: 2.936+/-10.924 χ^2 /NDF: 0.0/0

Right Out: 10.369+/-4.992 χ^2 /NDF: 13.8/19

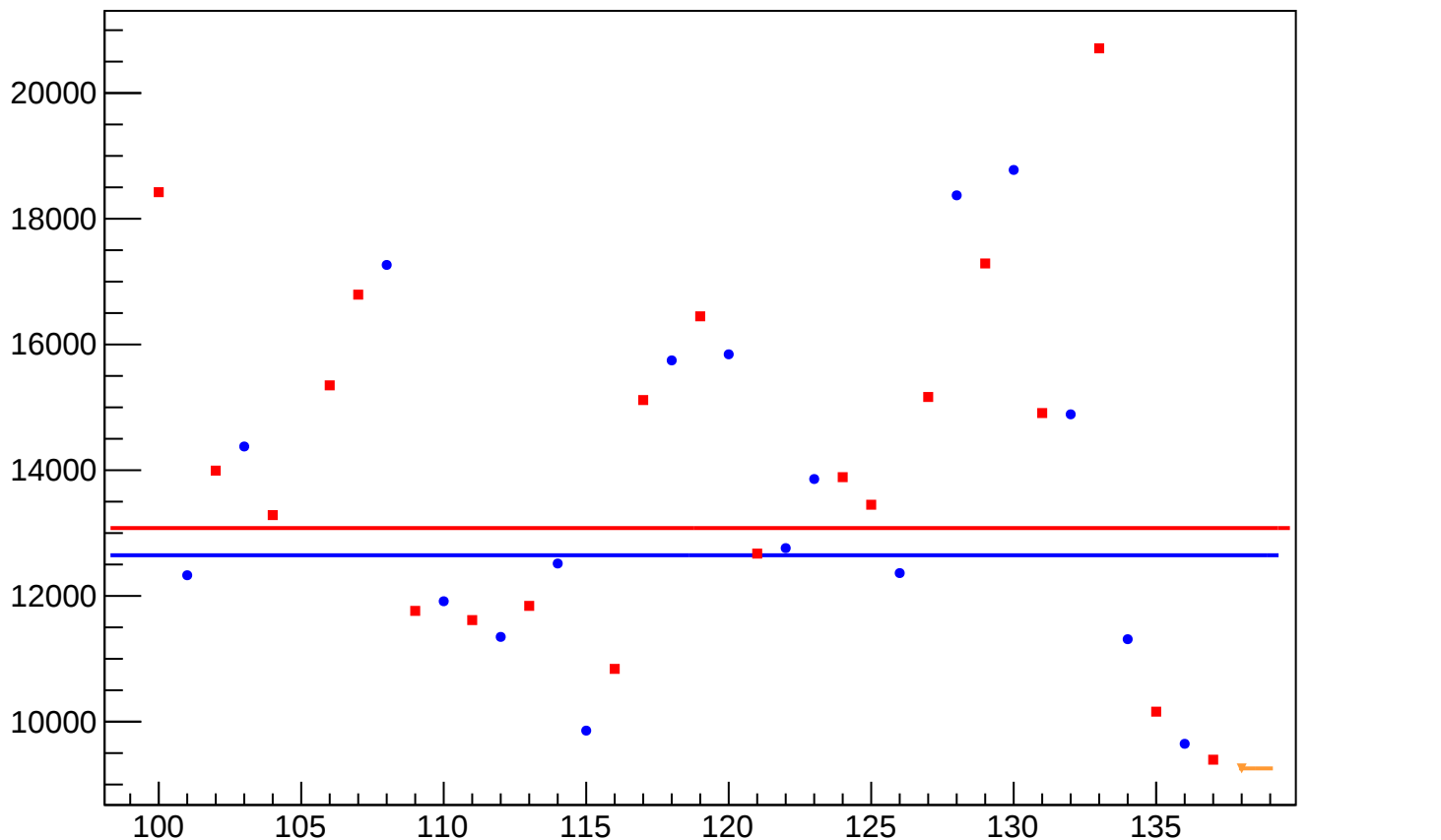
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-4.510+/-4.572 χ^2 /NDF: 23.5/17

2.277+/-3.371 χ^2 /NDF: 42.1/37

10.369+/-4.992 χ^2 /NDF: 13.8/19

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 12647.257+/-3.559 χ^2/NDF : 554320.4/16

Left Out: 9256.228+/-7.724 χ^2/NDF : 0.0/0

Right Out: 13079.592+/-3.530 χ^2/NDF : 497851.1/19

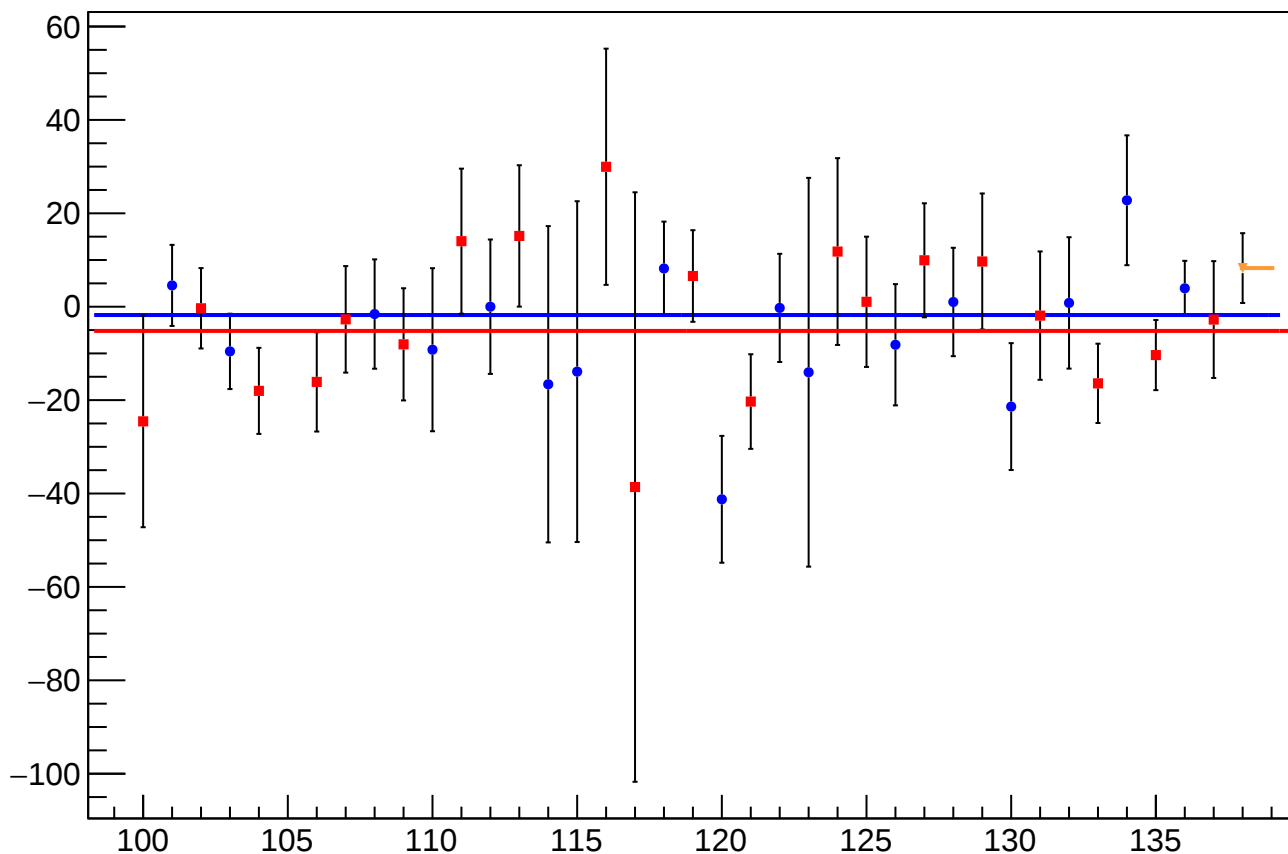
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12053.306+/-3.233 χ^2/NDF : 713299.0/17

12521.459+/-2.384 χ^2/NDF : 1257127.0/3

13079.592+/-3.530 χ^2/NDF : 497851.1/19

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -1.777+/-2.806 χ^2/NDF : 18.0/16

Left Out: 8.274+/-7.472 χ^2/NDF : 0.0/0

Right Out: -5.181+/-2.640 χ^2/NDF : 19.2/19

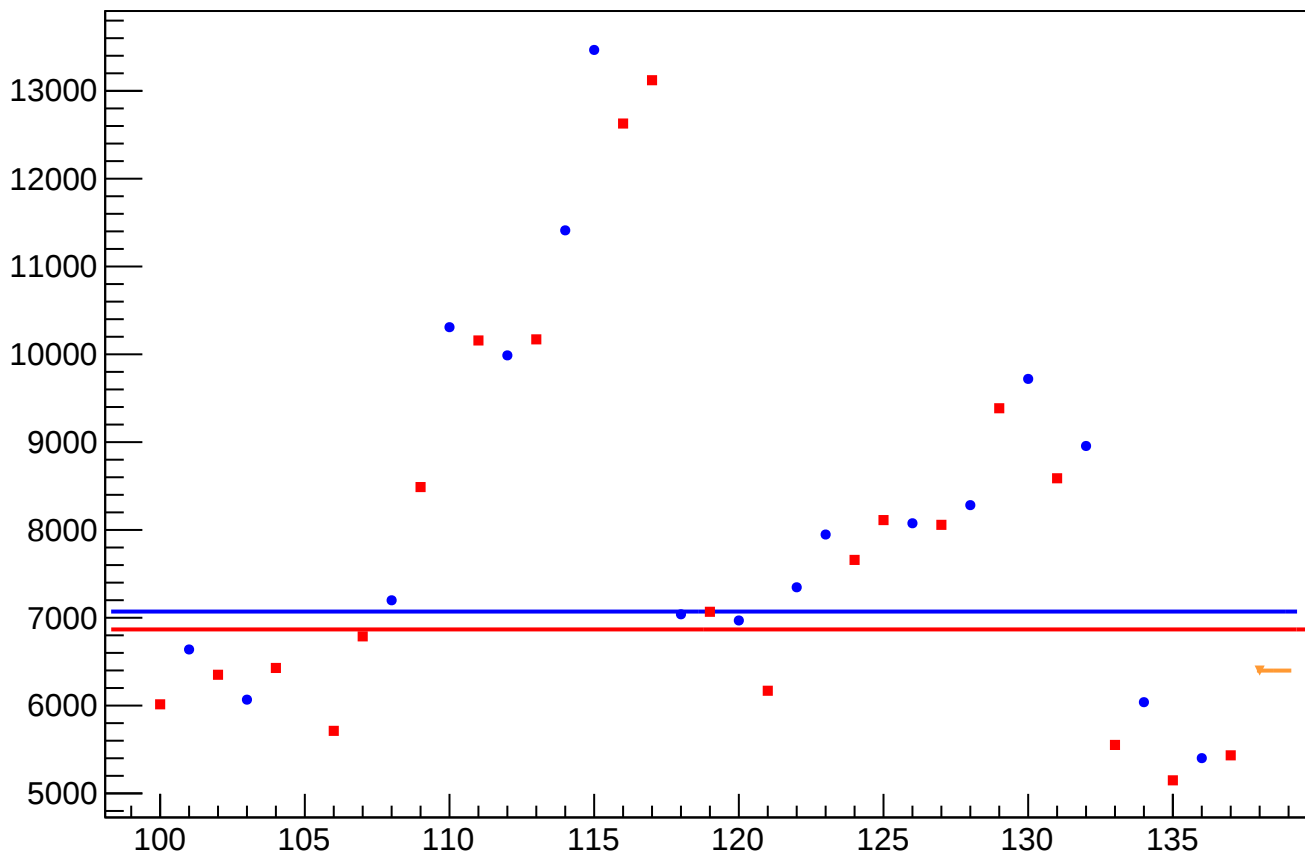
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.535+/-2.627 χ^2/NDF : 19.6/17

-2.846+/-1.862 χ^2/NDF : 40.3/37

-5.181+/-2.640 χ^2/NDF : 19.2/19

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7070.672+/-1.984 χ^2/NDF : 601692.5/16

Left Out: 6398.606+/-5.283 χ^2/NDF : 0.0/0

Right Out: 6867.094+/-1.866 χ^2/NDF : 701892.5/19

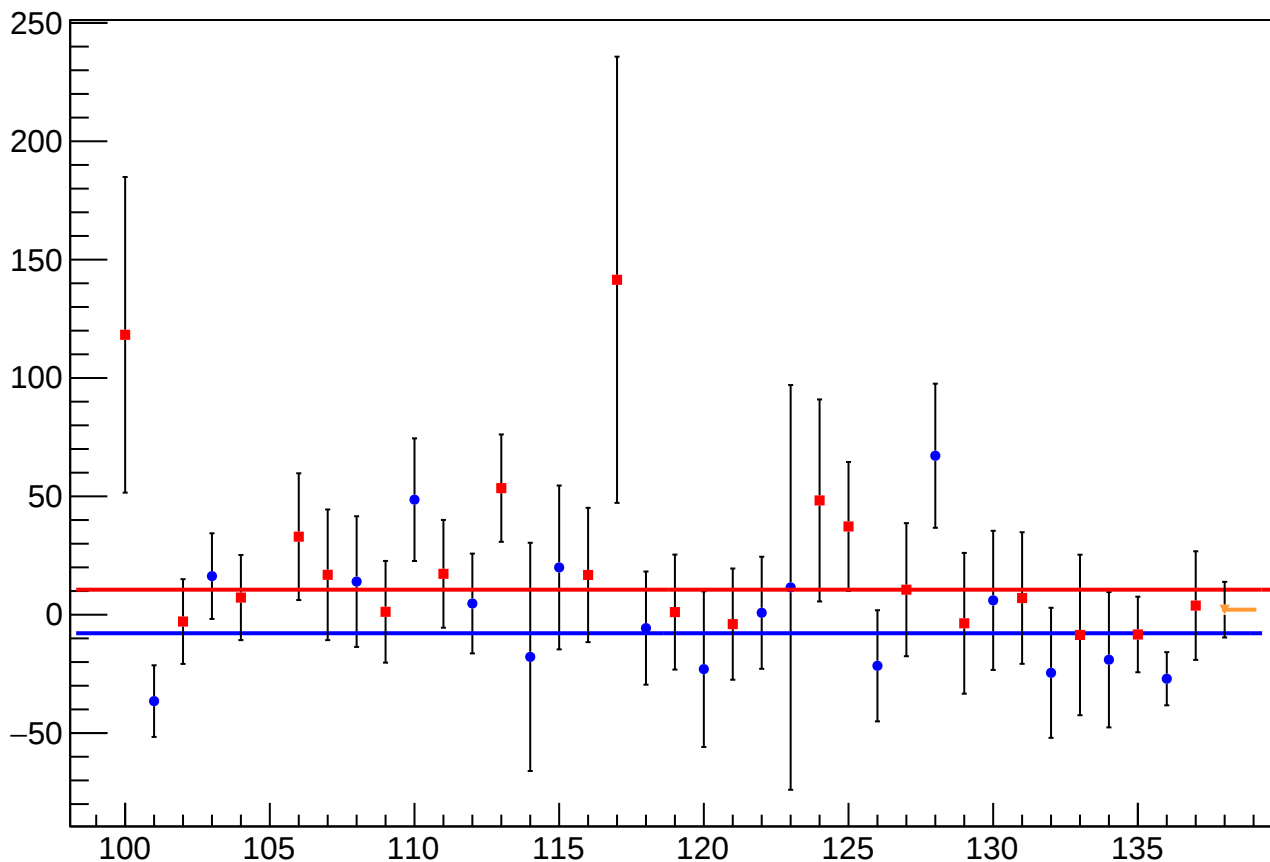
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6987.600+/-1.857 χ^2/NDF : 615874.1/17

6927.638+/-1.317 χ^2/NDF : 1319860.8/37

6867.094+/-1.866 χ^2/NDF : 701892.5/19

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -7.825 ± 5.516 χ^2/NDF : 22.3/16

Left Out: 2.128 ± 11.749 χ^2/NDF : 0.0/0

Right Out: 10.574 ± 5.561 χ^2/NDF : 14.1/19

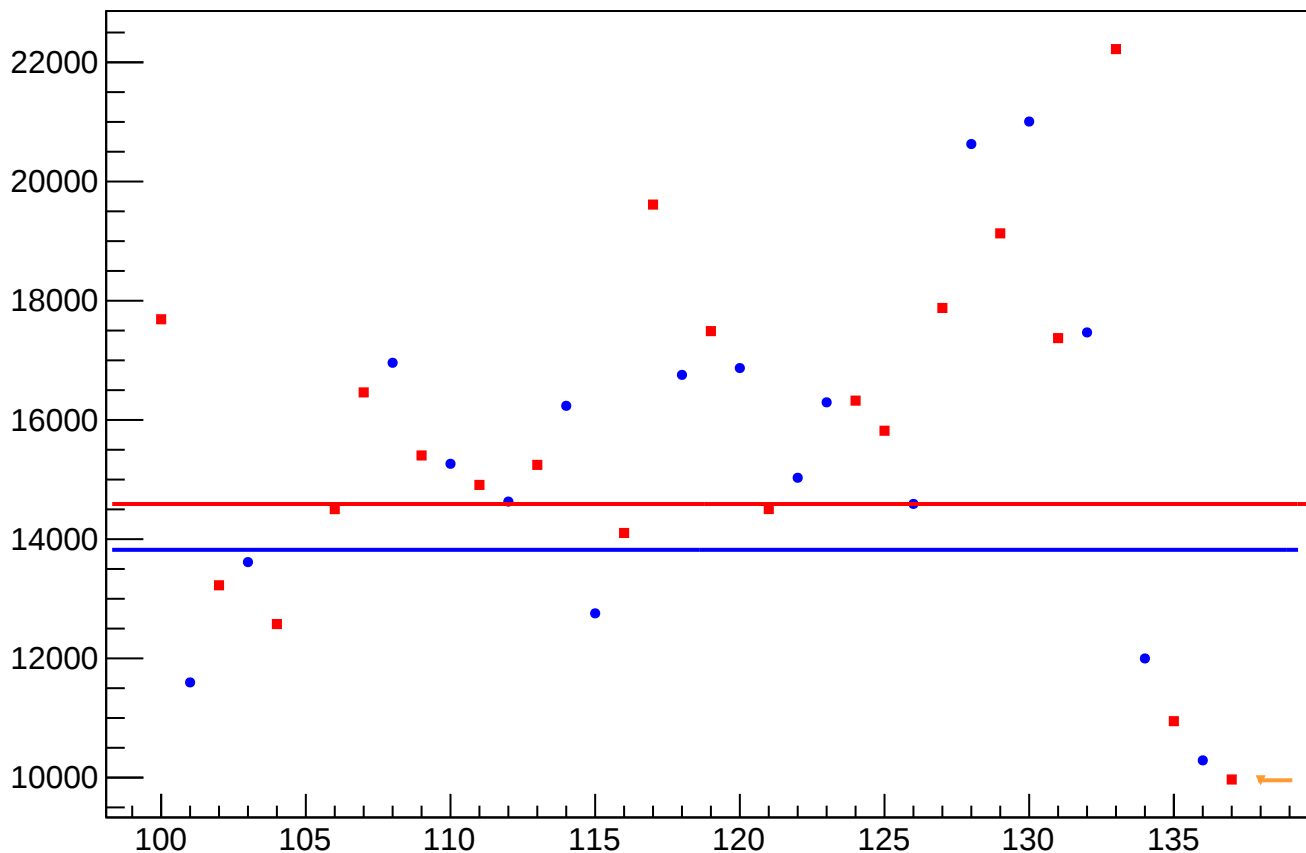
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-6.028 ± 4.993 χ^2/NDF : 22.9/17

1.381 ± 3.715 χ^2/NDF : 41.9/37

10.574 ± 5.561 χ^2/NDF : 14.1/19

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 13821.195+/-3.900 χ^2/NDF : 602672.4/16

Left Out: 9954.626+/-8.308 χ^2/NDF : 0.0/0

Right Out: 14589.989+/-3.933 χ^2/NDF : 478169.1/19

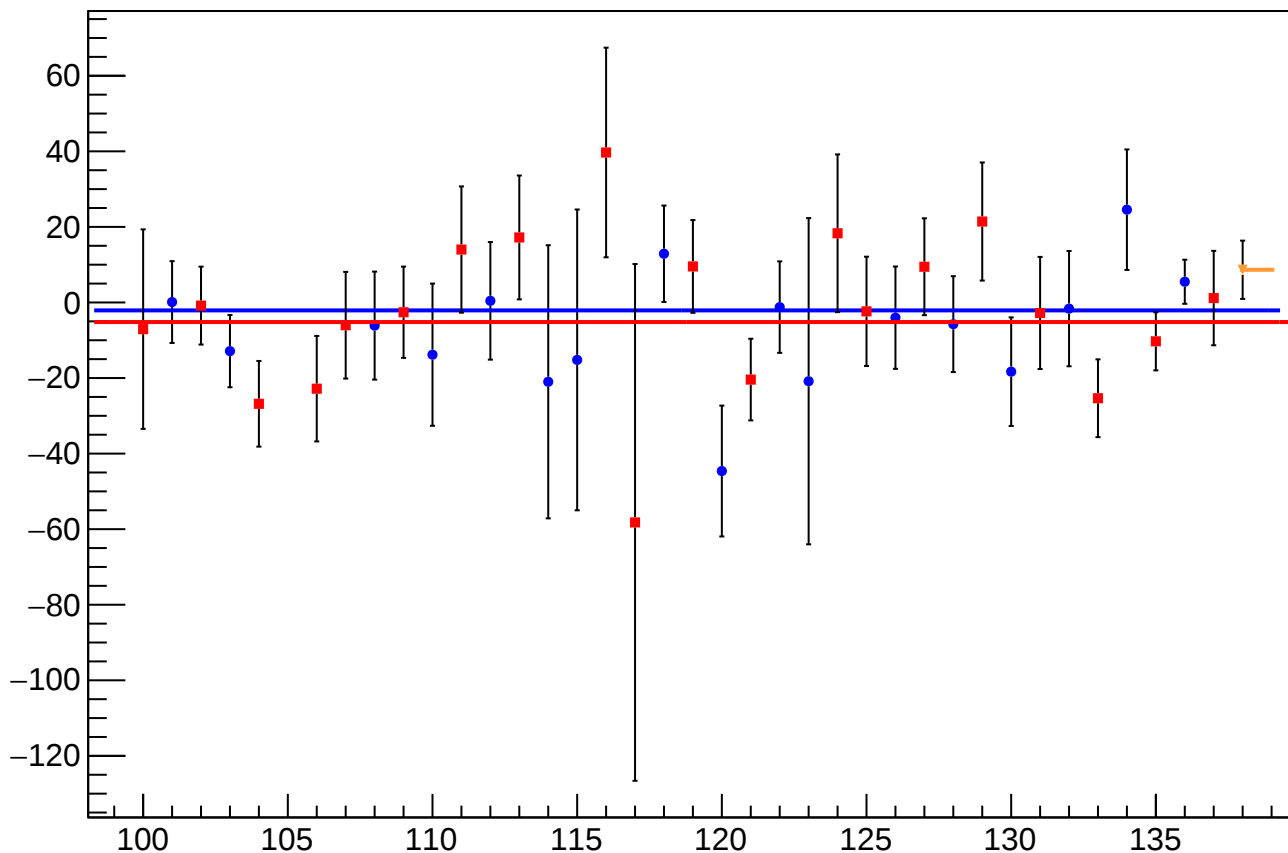
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13122.925+/-3.531 χ^2/NDF : 780160.5/17

13777.660+/-2.627 χ^2/NDF : 1335390.4/3

14589.989+/-3.933 χ^2/NDF : 478169.1/19

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -2.098+/-3.106 χ^2 /NDF: 15.6/16

Left Out: 8.655+/-7.707 χ^2 /NDF:0.0/0

Right Out: -5.184+/-2.959 χ^2 /NDF: 25.4/19

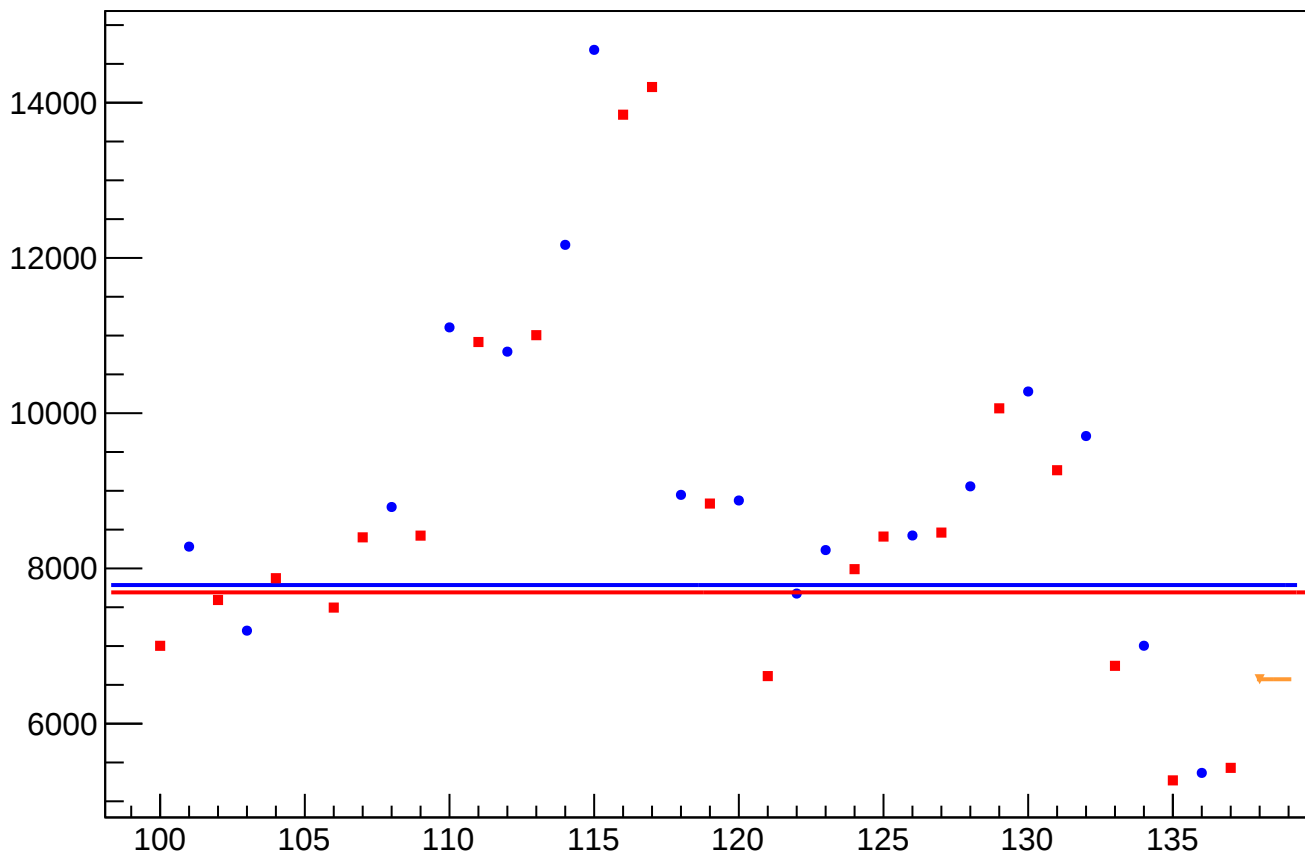
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.595+/-2.881 χ^2 /NDF: 17.3/17

-2.828+/-2.064 χ^2 /NDF: 43.9/37

-5.184+/-2.959 χ^2 /NDF: 25.4/19

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 7785.931 $\pm$ 2.197 χ^2 /NDF: 738101.9/16

Left Out: 6572.197 $\pm$ 5.450 χ^2 /NDF: 0.0/0

Right Out: 7691.398 $\pm$ 2.093 χ^2 /NDF: 686898.9/19

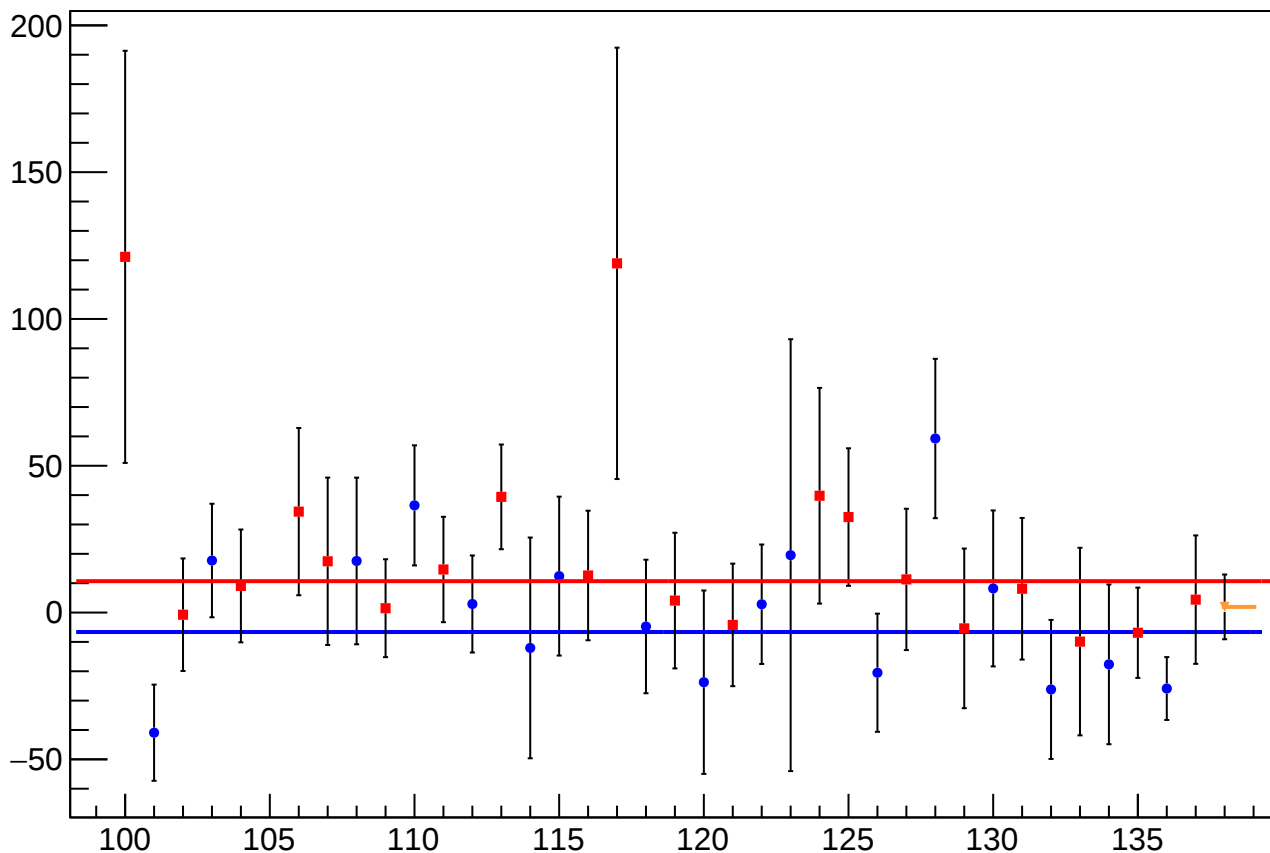
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7616.313 $\pm$ 2.037 χ^2 /NDF: 780768.5/17

7652.851 $\pm$ 1.460 χ^2 /NDF: 1468328.4/37

7691.398 $\pm$ 2.093 χ^2 /NDF: 686898.9/19

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -6.634+/-5.101 χ^2/NDF : 23.4/16

Left Out: 1.927+/-11.028 χ^2/NDF : 0.0/0

Right Out: 10.688+/-5.063 χ^2/NDF : 13.0/19

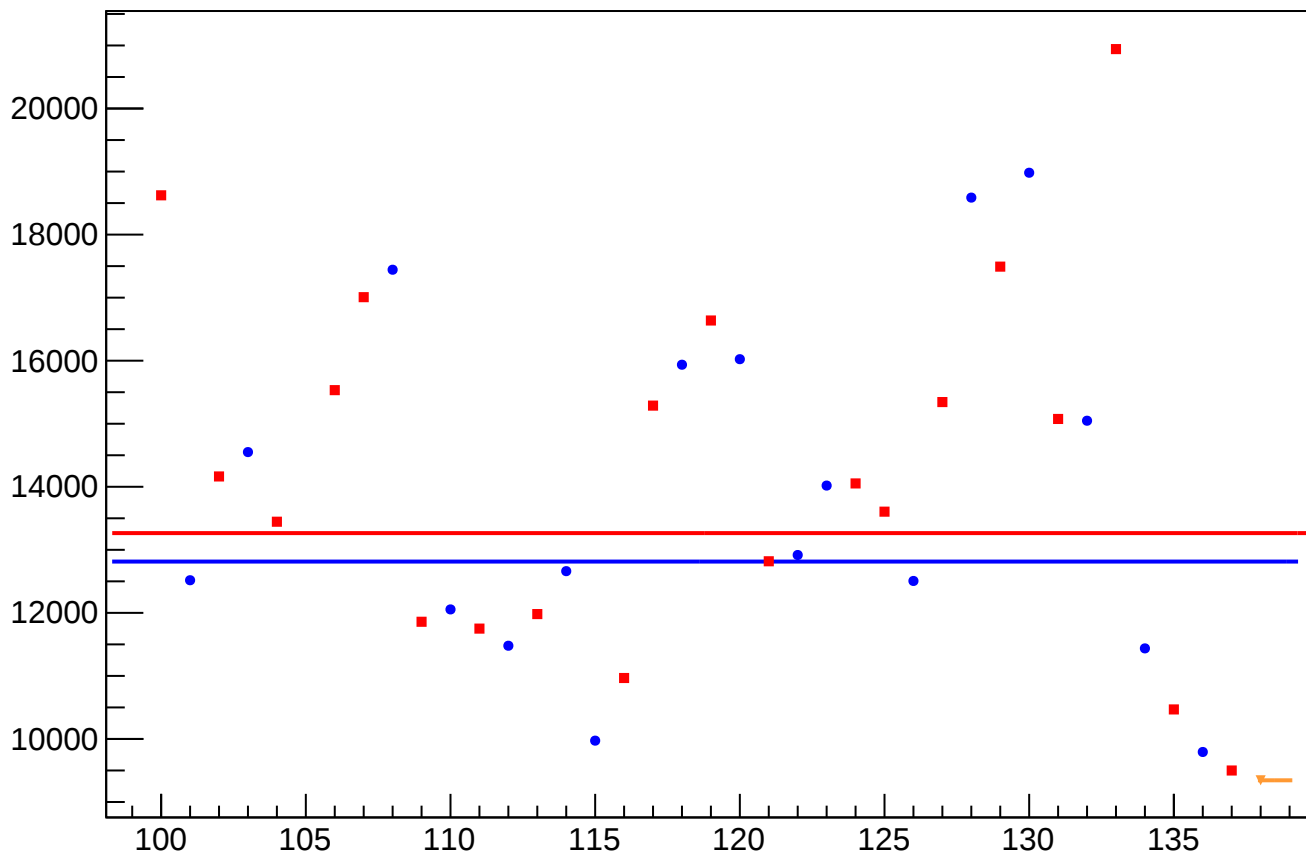
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.125+/-4.630 χ^2/NDF : 23.9/17

2.077+/-3.417 χ^2/NDF : 42.2/37

10.688+/-5.063 χ^2/NDF : 13.0/19

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 12813.726+/-3.607 χ^2/NDF : 548127.6/16

Left Out: 9344.068+/-7.798 χ^2/NDF : 0.0/0

Right Out: 13265.185+/-3.580 χ^2/NDF : 485810.1/19

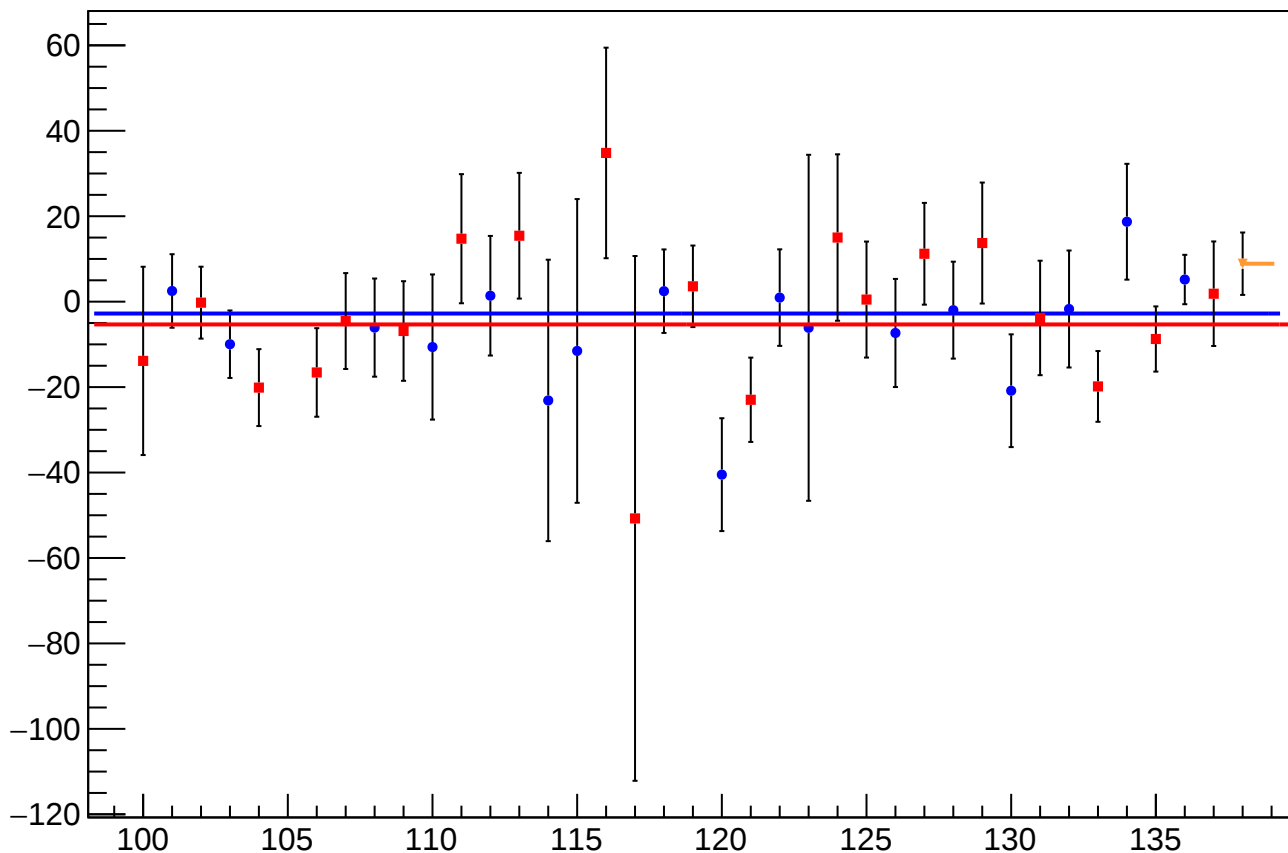
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12202.114+/-3.274 χ^2/NDF : 711217.0/17

12686.277+/-2.416 χ^2/NDF : 1245048.4/3

13265.185+/-3.580 χ^2/NDF : 485810.1/19

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -2.778+/-2.747 χ^2 /NDF: 17.0/16

Left Out: 8.886+/-7.303 χ^2 /NDF: 0.0/0

Right Out: -5.332+/-2.587 χ^2 /NDF: 24.1/19

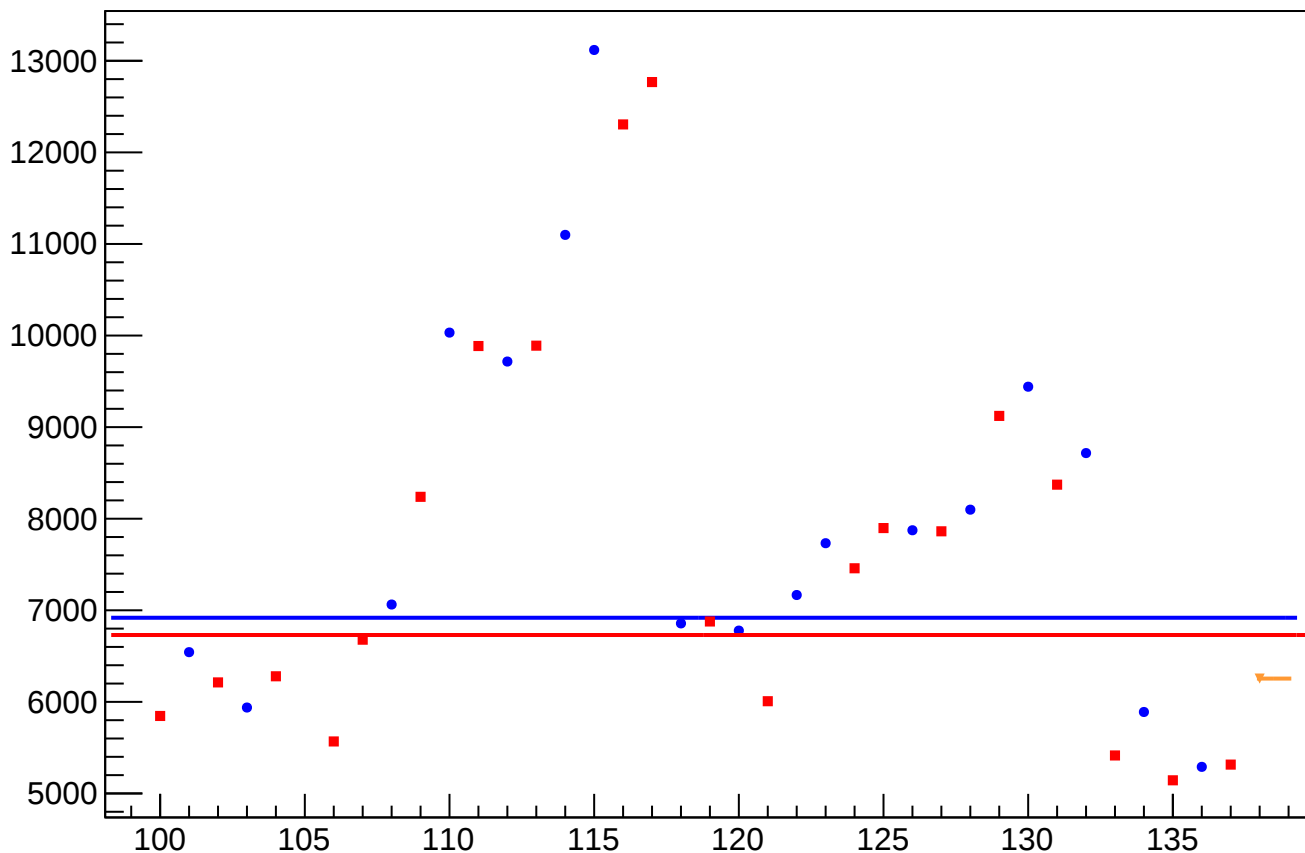
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1.333+/-2.571 χ^2 /NDF: 19.2/17

-3.320+/-1.824 χ^2 /NDF: 44.5/37

-5.332+/-2.587 χ^2 /NDF: 24.1/19

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 6918.554+/-1.943 χ^2/NDF : 587976.6/16

Left Out: 6254.397+/-5.164 χ^2/NDF : 0.0/0

Right Out: 6730.137+/-1.830 χ^2/NDF : 673193.1/19

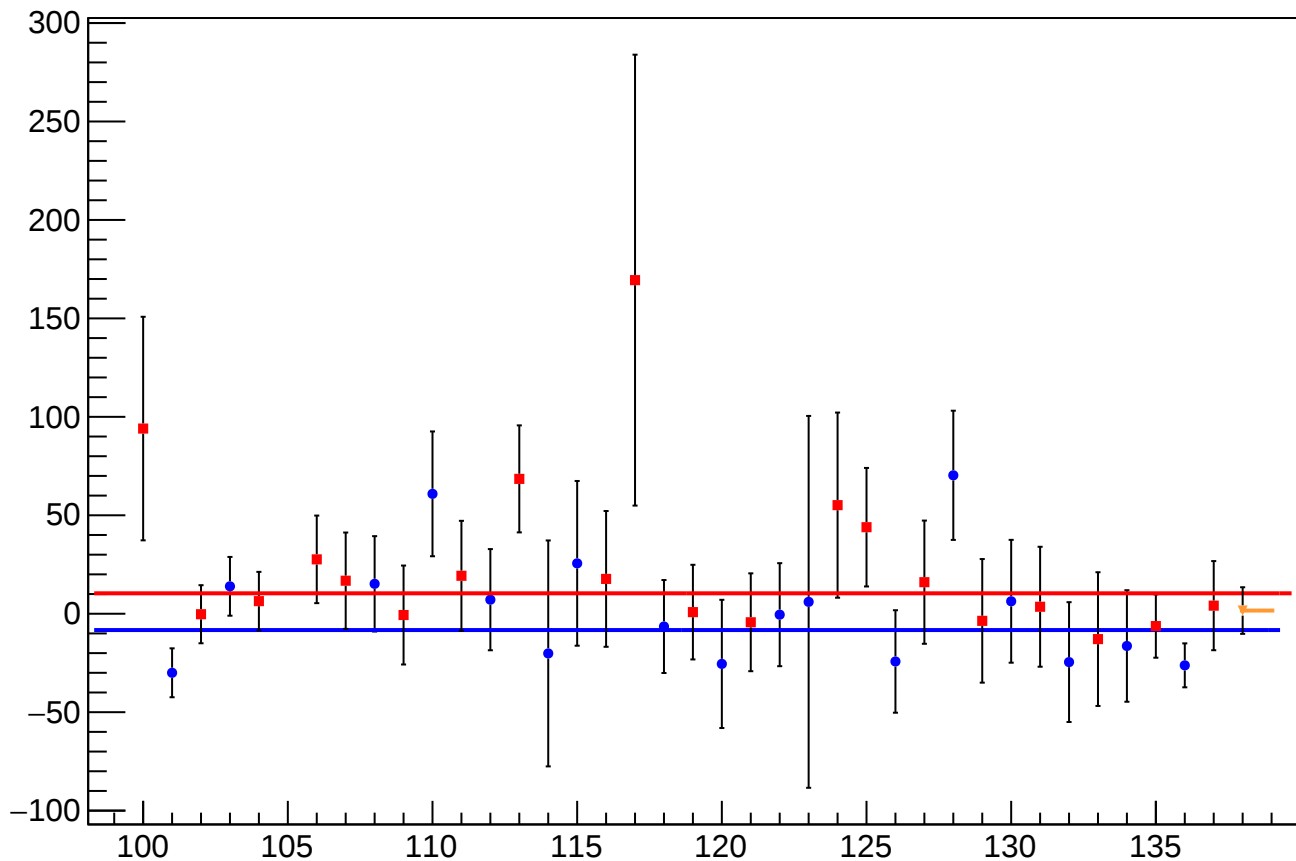
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6836.232+/-1.818 χ^2/NDF : 602466.3/17

6783.515+/-1.290 χ^2/NDF : 1277351.4/37

6730.137+/-1.830 χ^2/NDF : 673193.1/19

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -8.286 ± 5.410 χ^2/NDF : 21.7/16

Left Out: 1.620 ± 11.831 χ^2/NDF : 0.0/0

Right Out: 10.376 ± 5.507 χ^2/NDF : 14.8/19

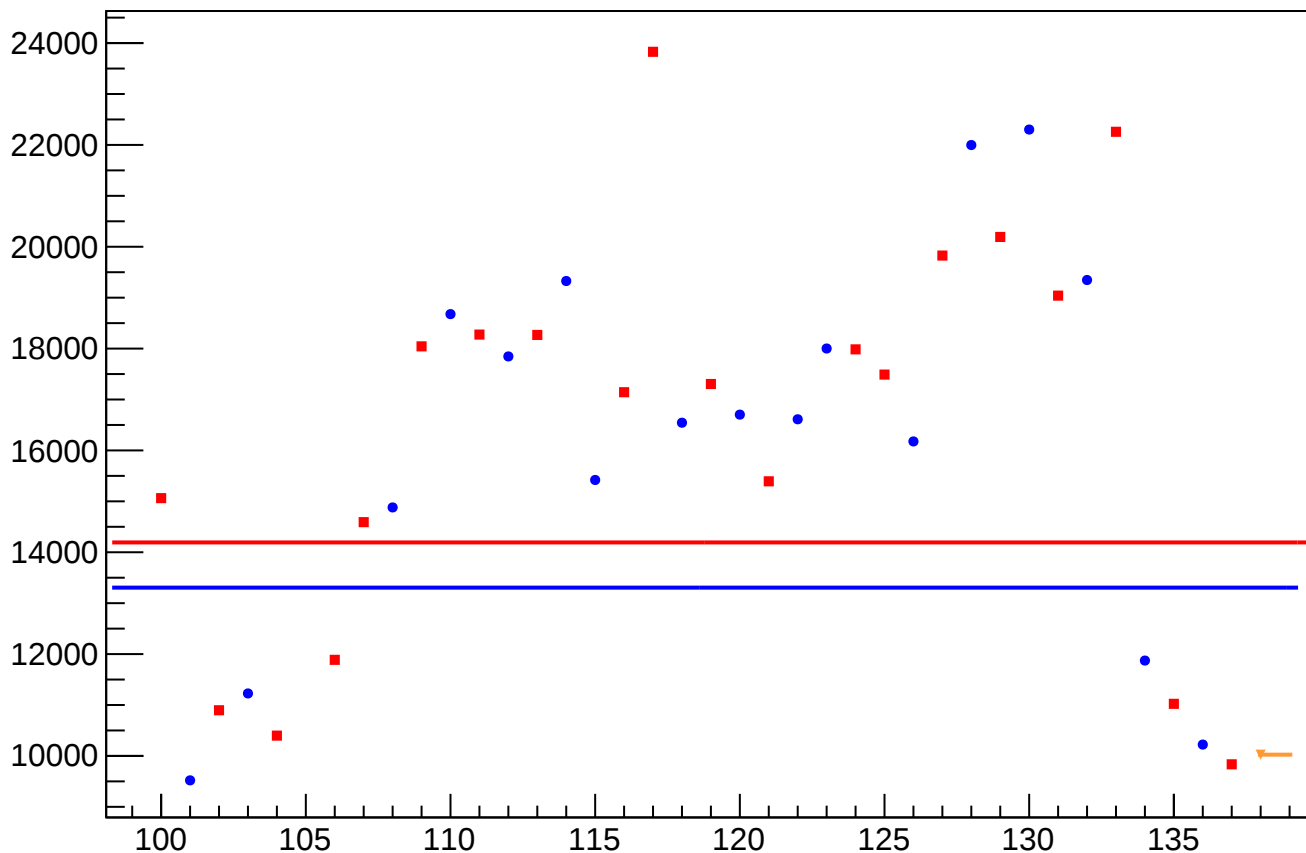
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-6.573 ± 4.920 χ^2/NDF : 22.3/17

0.951 ± 3.669 χ^2/NDF : 42.4/37

10.376 ± 5.507 χ^2/NDF : 14.8/19

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 13305.410+/-3.826 χ^2/NDF : 1044091.1/16

Left Out: 10024.739+/-8.366 χ^2/NDF : 0.0/0

Right Out: 14193.006+/-3.894 χ^2/NDF : 944809.1/19

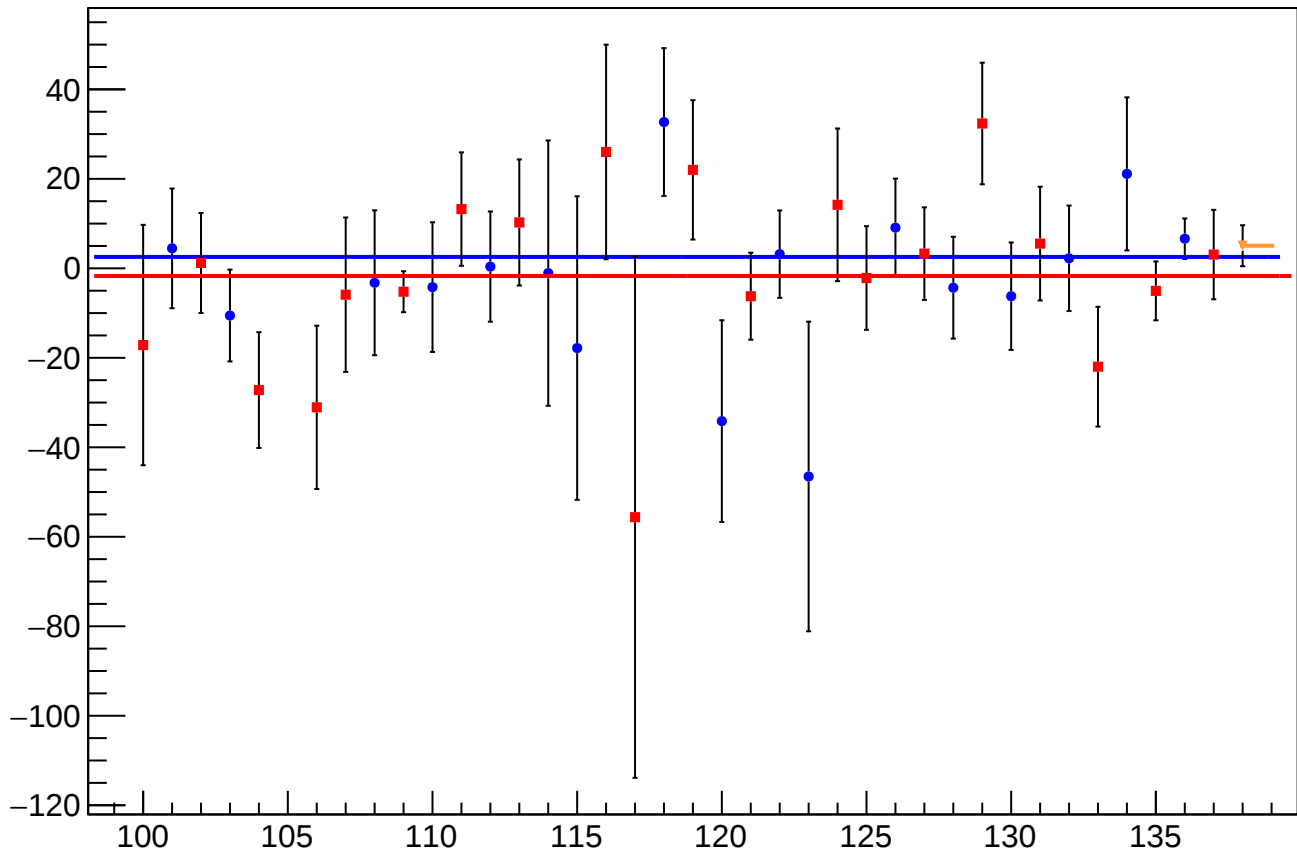
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12738.054+/-3.479 χ^2/NDF : 1171274.9/17

13383.938+/-2.594 χ^2/NDF : 2193722.9/3

14193.006+/-3.894 χ^2/NDF : 944809.1/19

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: 2.551+/-2.757 χ^2/NDF : 13.6/16

Left Out: 5.050+/-4.580 χ^2/NDF : 0.0/0

Right Out: -1.708+/-2.440 χ^2/NDF : 24.9/19

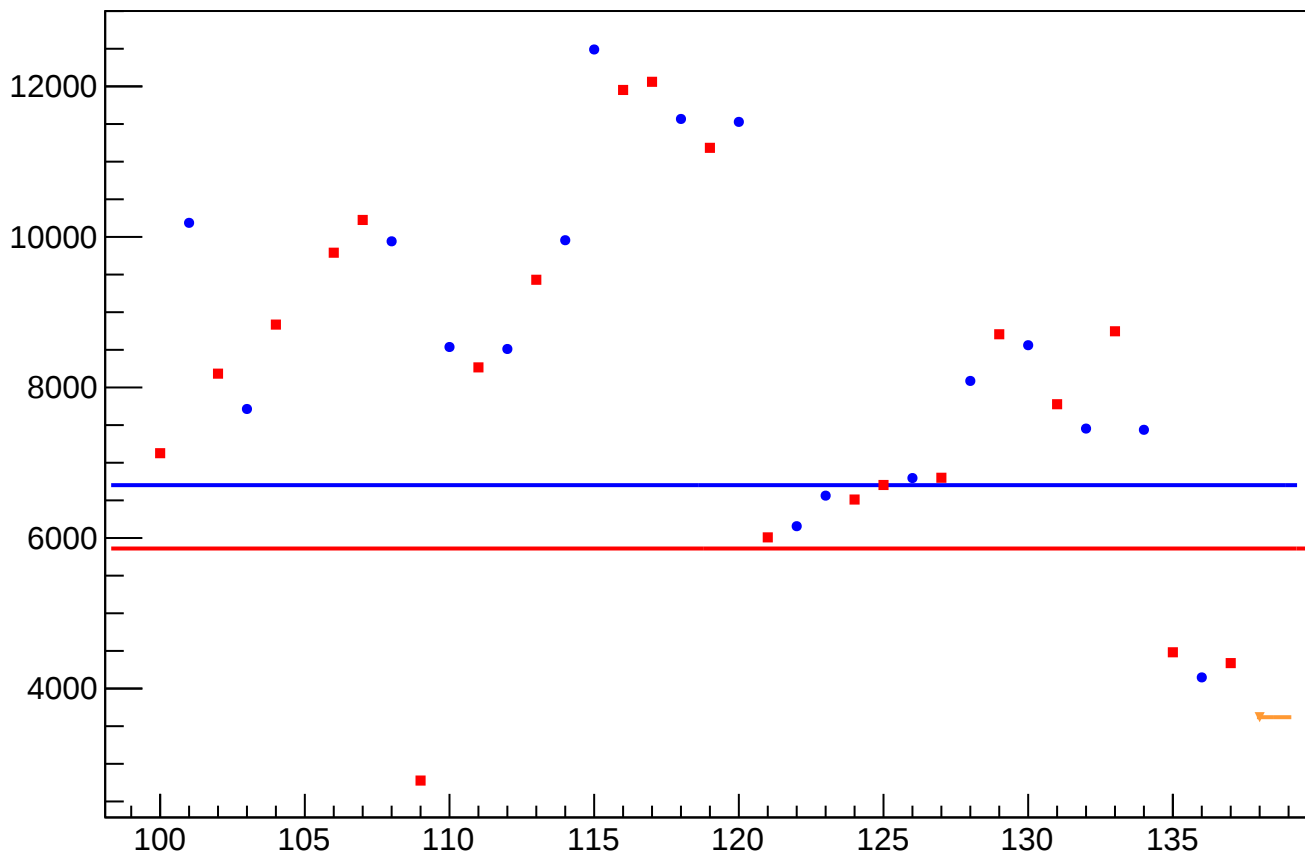
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.216+/-2.362 χ^2/NDF : 13.9/17

0.834+/-1.697 χ^2/NDF : 40.8/37

-1.708+/-2.440 χ^2/NDF : 24.9/19

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 6702.245+/-1.949 χ^2/NDF : 1389956.8/16

Left Out: 3619.430+/-3.238 χ^2/NDF : 0.0/0

Right Out: 5860.505+/-1.725 χ^2/NDF : 2301163.3/19

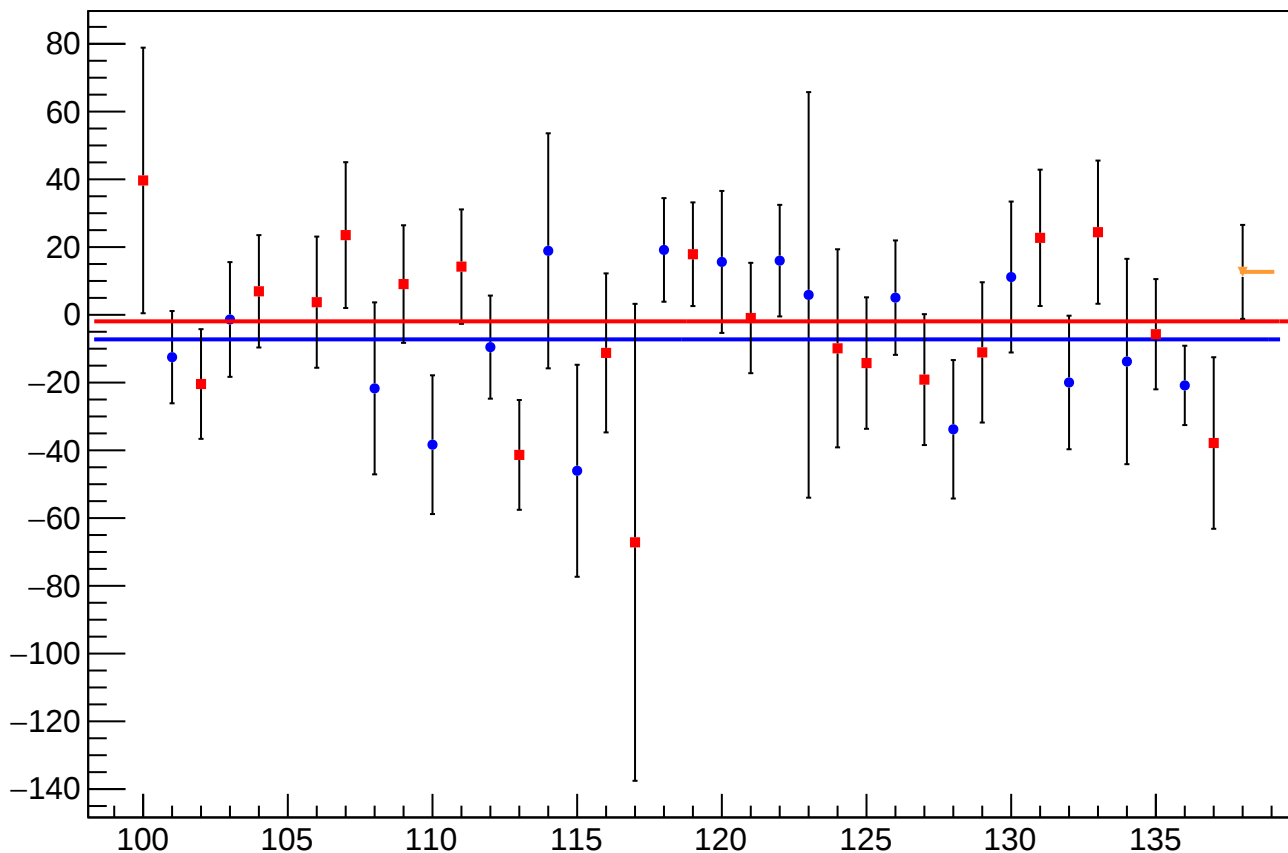
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5882.285+/-1.670 χ^2/NDF : 2055171.3/17

5871.750+/-1.200 χ^2/NDF : 4356416.8/37

5860.505+/-1.725 χ^2/NDF : 2301163.3/19

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -7.245 ± 4.547 χ^2/NDF : 15.9/16

Left Out: 12.685 ± 13.865 χ^2/NDF : 0.0/0

Right Out: -1.922 ± 4.365 χ^2/NDF : 20.7/19

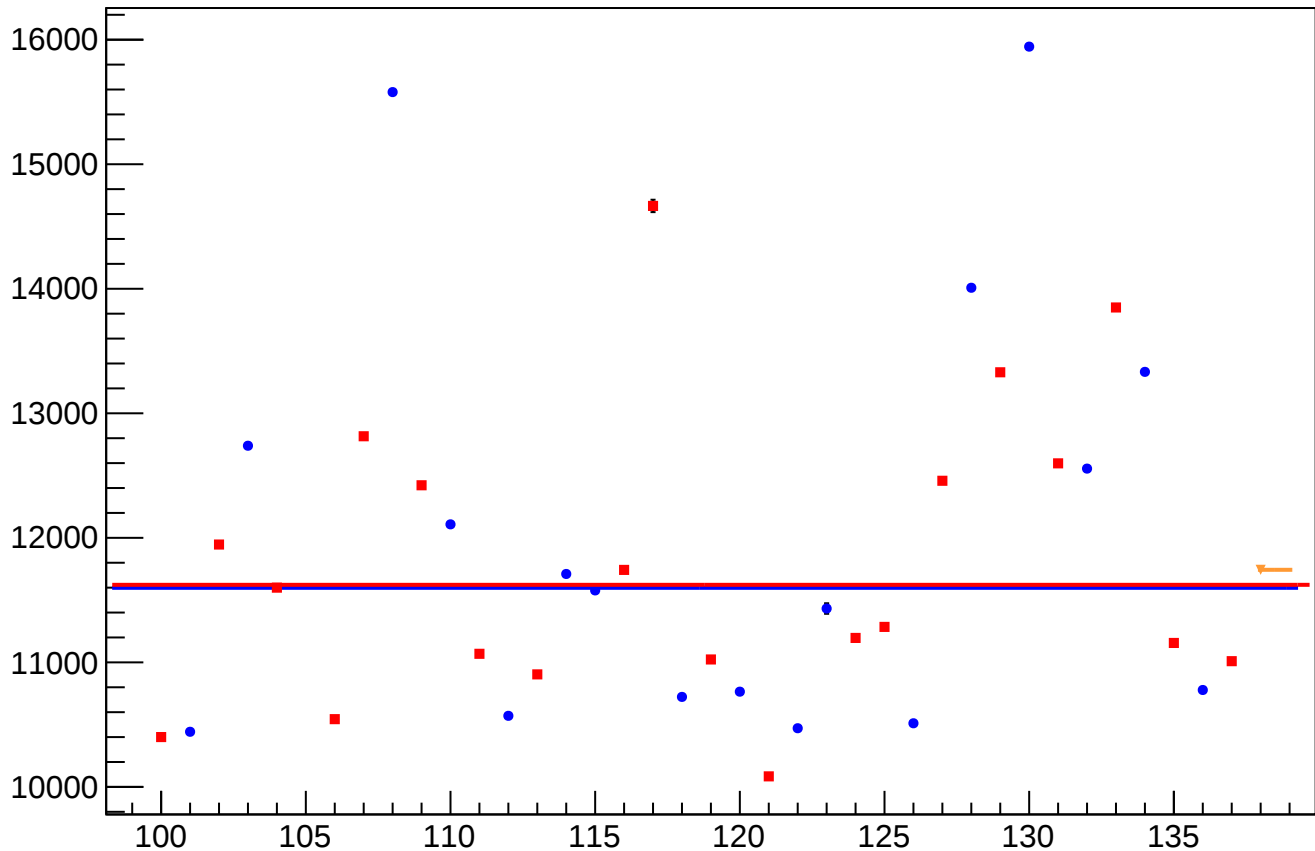
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-5.310 ± 4.321 χ^2/NDF : 17.8/17

-3.633 ± 3.071 χ^2/NDF : 38.8/37

-1.922 ± 4.365 χ^2/NDF : 20.7/19

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11598.751+/-3.215 χ^2/NDF : 235423.8/16

Left Out: 11743.266+/-9.804 χ^2/NDF : 0.0/0

Right Out: 11622.681+/-3.086 χ^2/NDF : 98197.0/19

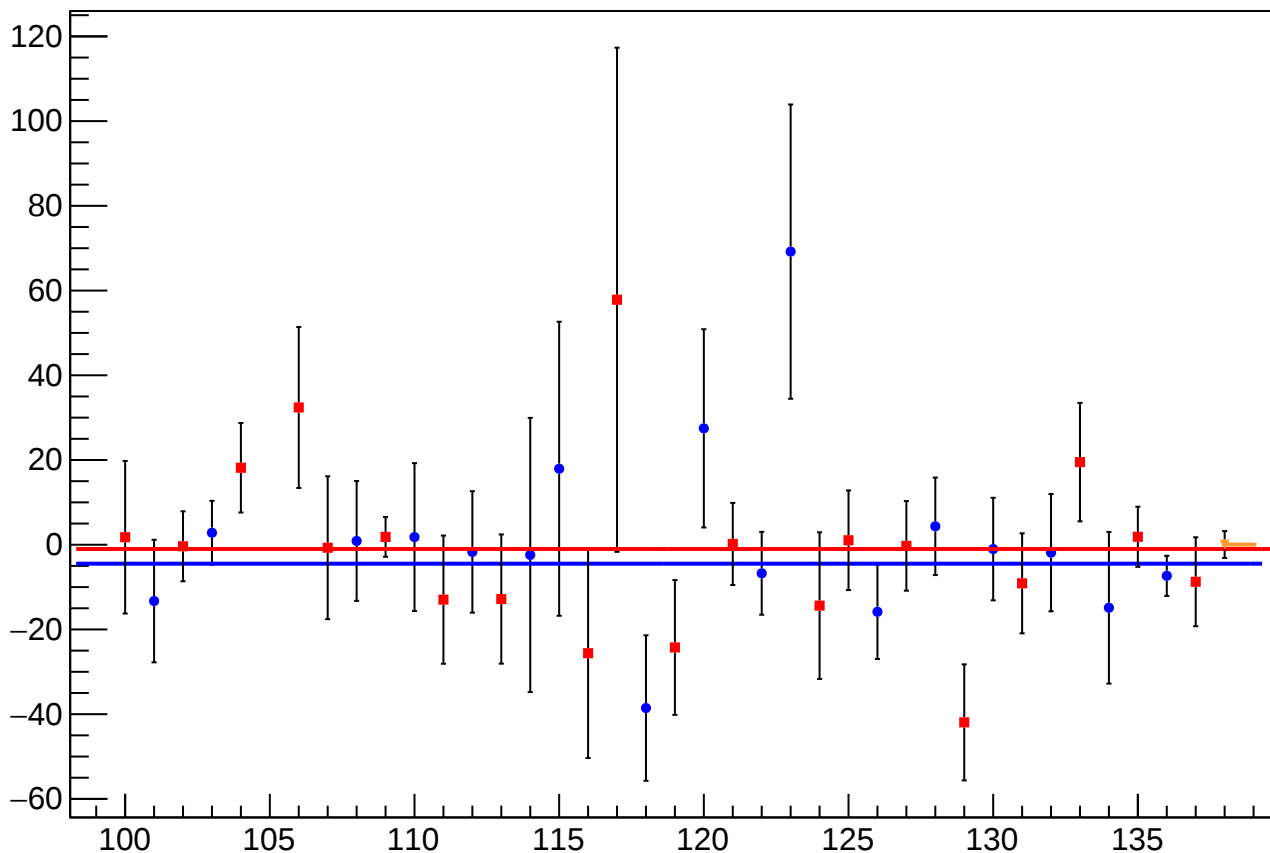
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11612.785+/-3.055 χ^2/NDF : 235620.0/17

11617.683+/-2.171 χ^2/NDF : 333822.2/37

11622.681+/-3.086 χ^2/NDF : 98197.0/19

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -4.476+/-2.782 χ^2/NDF : 14.8/16

Left Out: 0.042+/-3.177 χ^2/NDF : 0.0/0

Right Out: -1.007+/-2.427 χ^2/NDF : 25.0/19

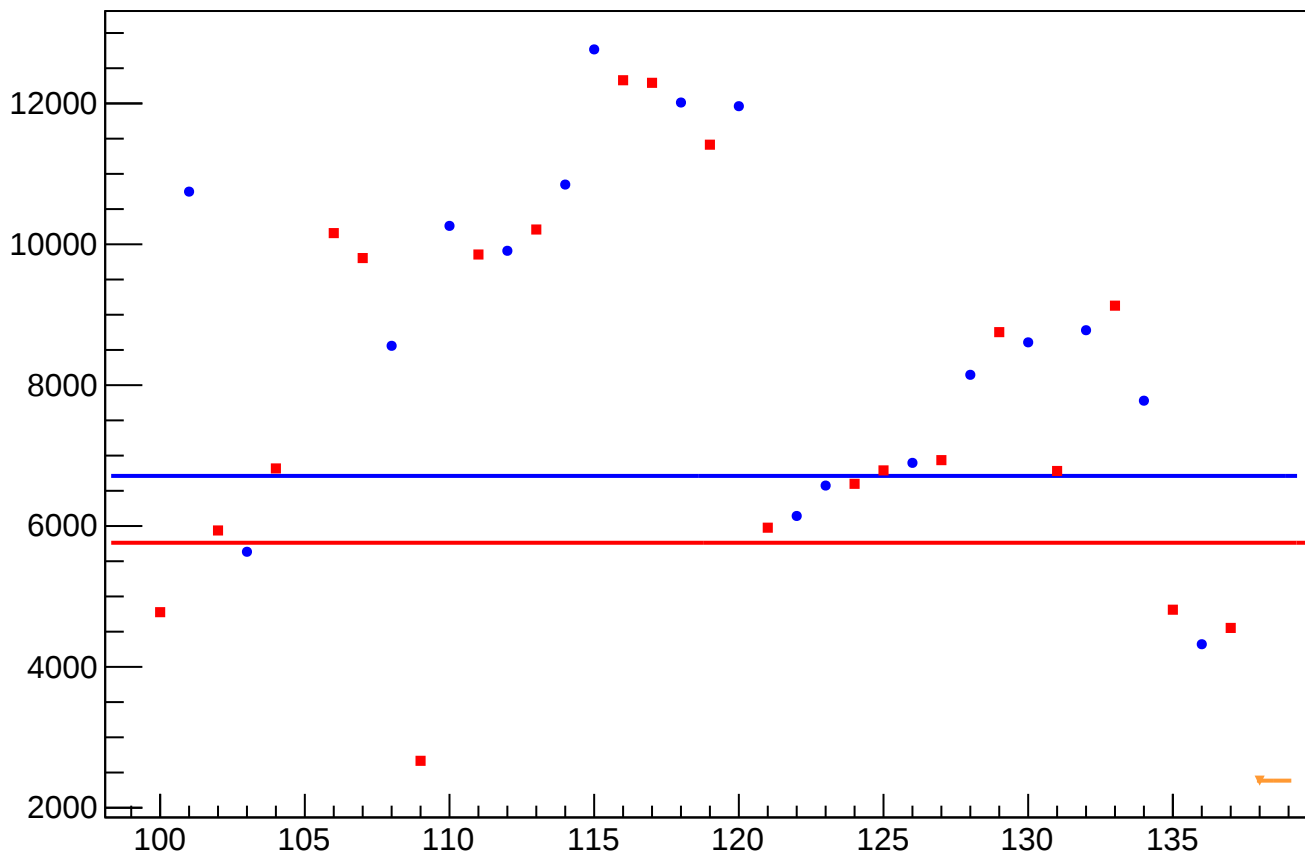
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.516+/-2.093 χ^2/NDF : 16.0/17

-1.872+/-1.585 χ^2/NDF : 41.2/37

-1.007+/-2.427 χ^2/NDF : 25.0/19

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 6711.550+/-1.967 χ^2/NDF : 1446972.0/16

Left Out: 2384.865+/-2.247 χ^2/NDF : 0.0/0

Right Out: 5762.387+/-1.716 χ^2/NDF : 2189239.7/19

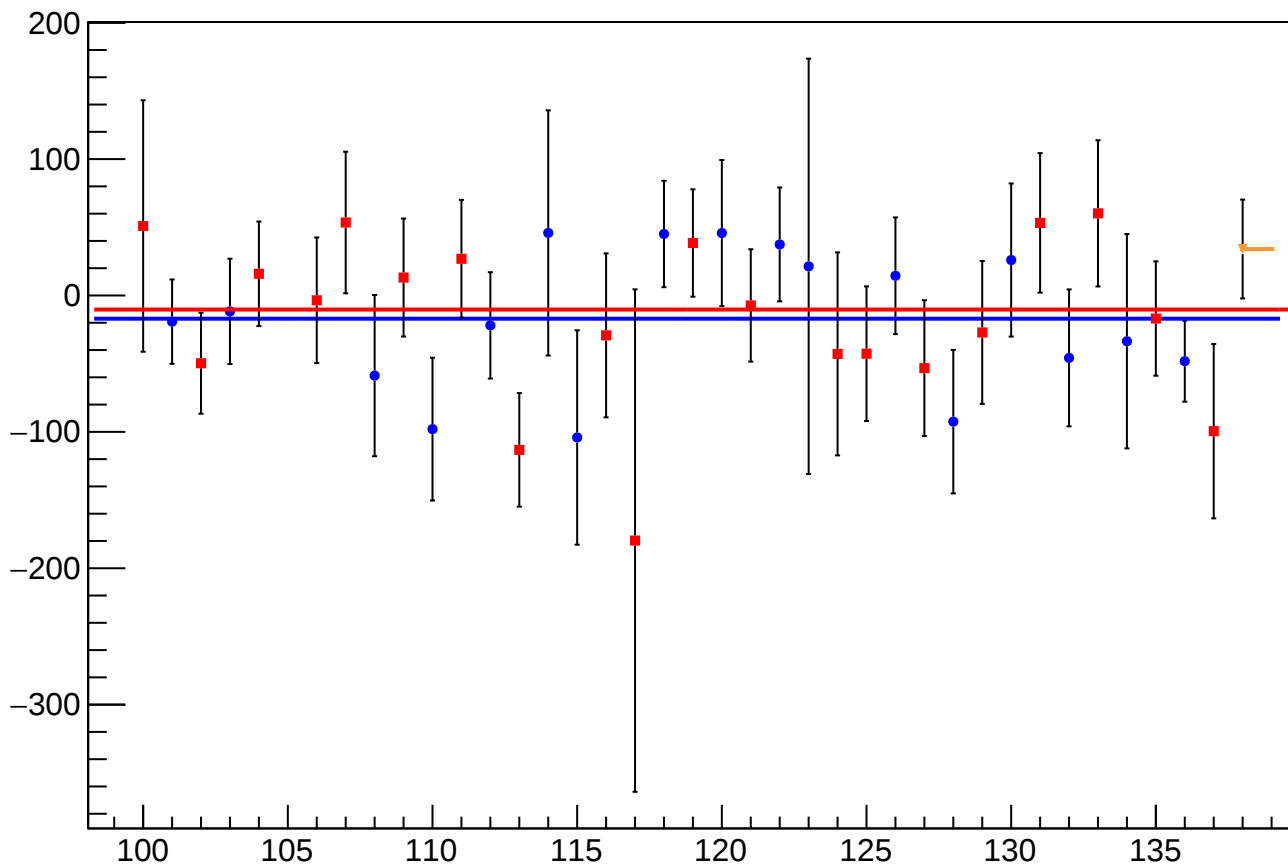
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4834.282+/-1.480 χ^2/NDF : 3546362.8/17

5230.129+/-1.121 χ^2/NDF : 5903339.8/37

5762.387+/-1.716 χ^2/NDF : 2189239.7/19

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -17.010 ± 11.287 χ^2/NDF : 15.0/16

Left Out: 34.062 ± 36.240 χ^2/NDF : 0.0/0

Right Out: -10.311 ± 10.872 χ^2/NDF : 19.9/19

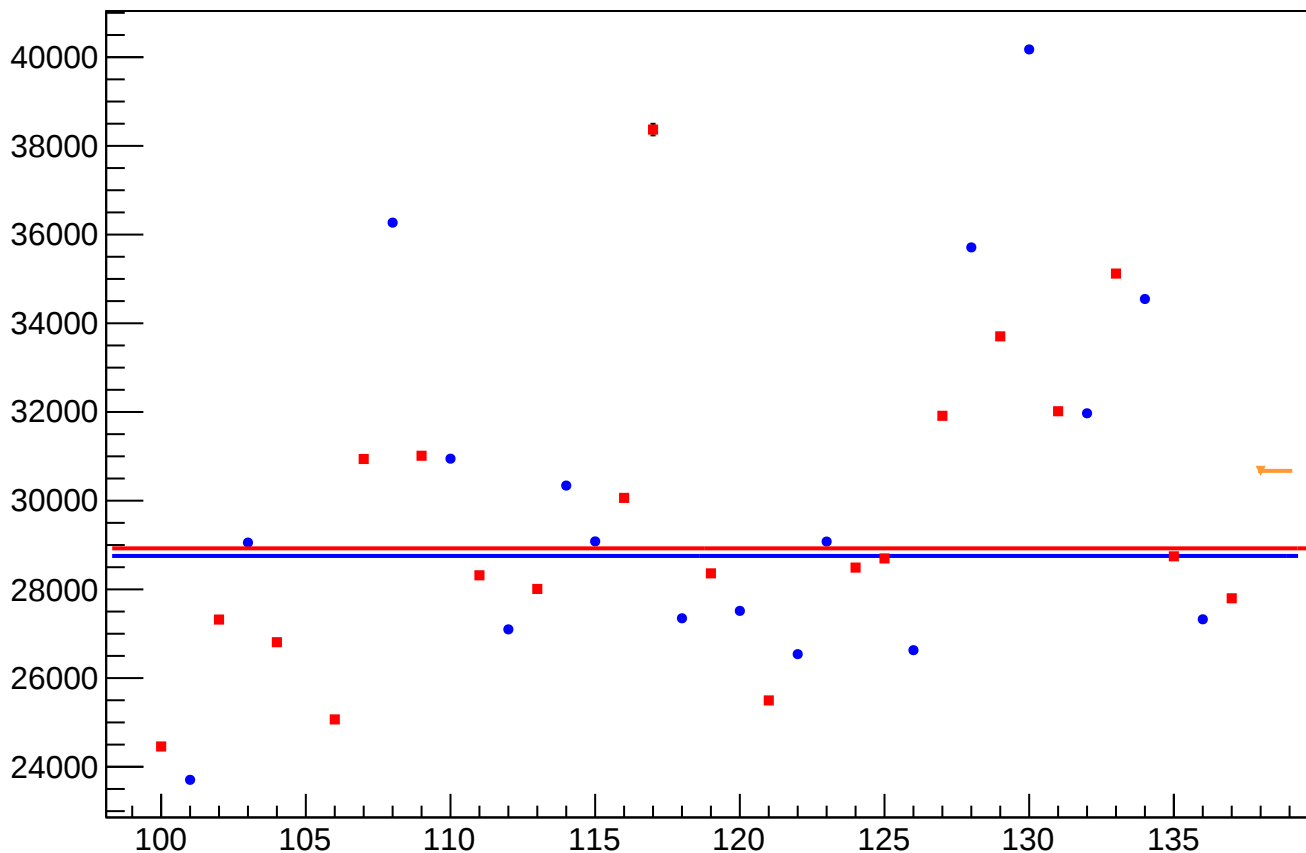
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-12.494 ± 10.777 χ^2/NDF : 16.8/17

-11.412 ± 7.654 χ^2/NDF : 36.7/37

-10.311 ± 10.872 χ^2/NDF : 19.9/19

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 28753.787+/-7.981 χ^2/NDF : 249215.1/16

Left Out: 30672.412+/-25.625 χ^2/NDF : 0.0/0

Right Out: 28925.160+/-7.687 χ^2/NDF : 116514.7/19

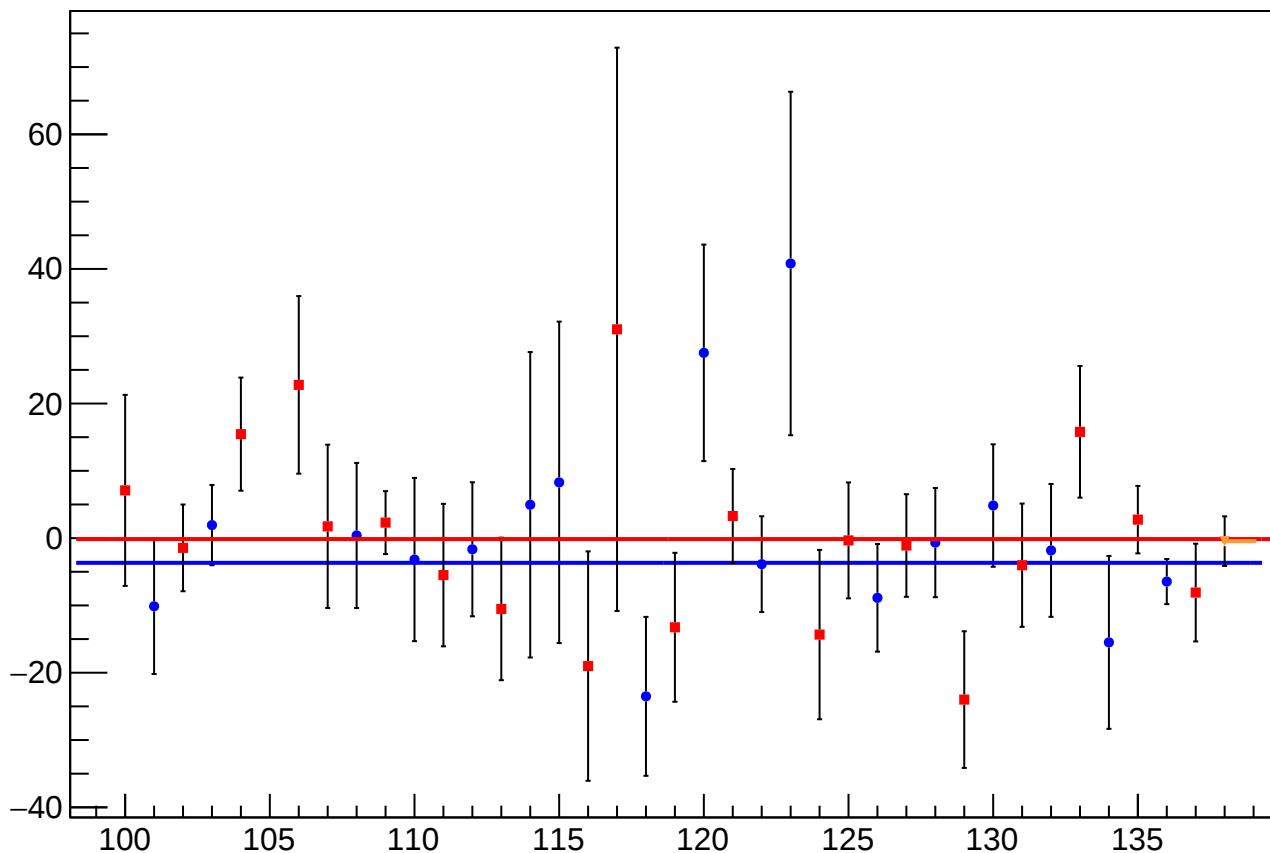
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

28923.444+/-7.620 χ^2/NDF : 254325.2/17

28924.295+/-5.412 χ^2/NDF : 370840.0/37

28925.160+/-7.687 χ^2/NDF : 116514.7/19

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -3.668+/-2.010 χ^2/NDF : 14.5/16

Left Out: -0.446+/-3.685 χ^2/NDF : 0.0/0

Right Out: -0.135+/-1.891 χ^2/NDF : 22.9/19

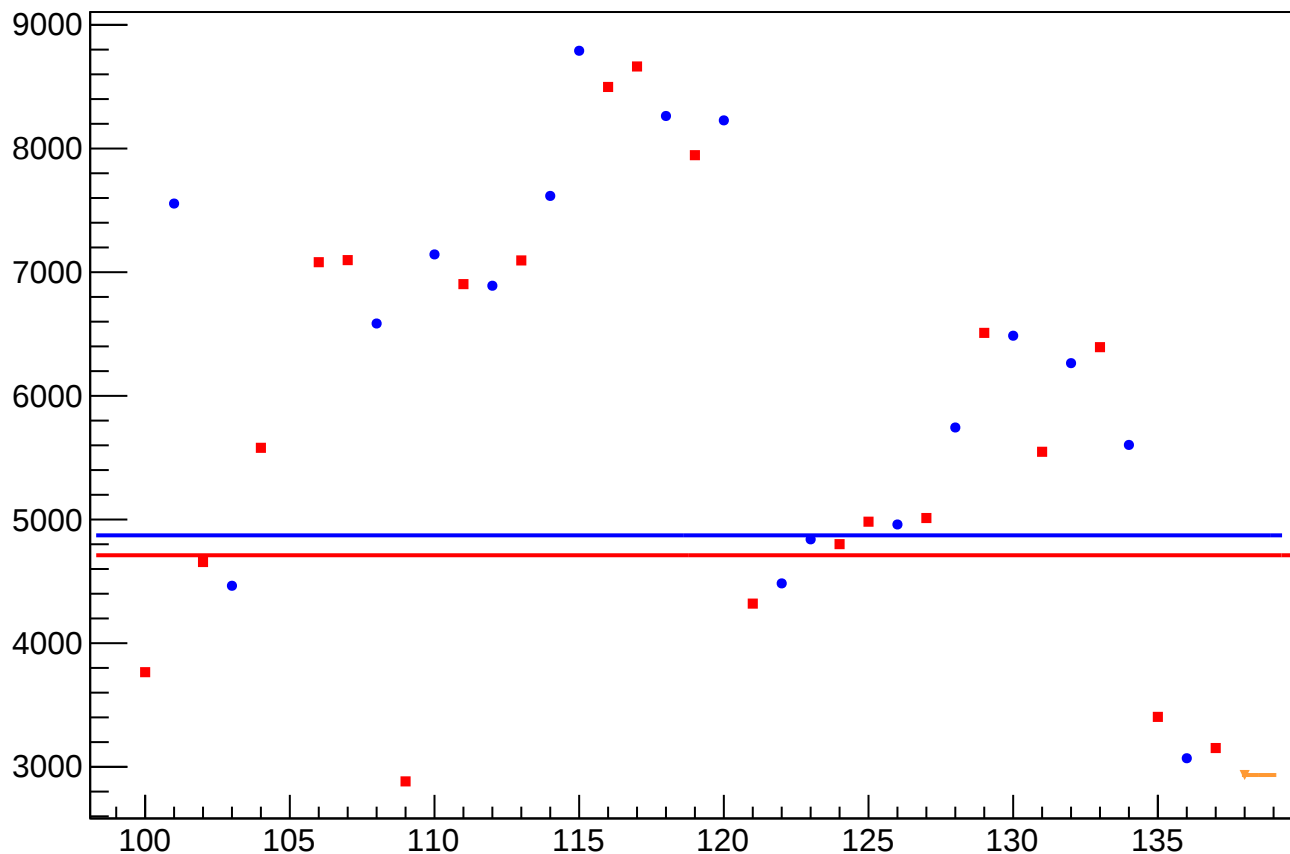
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.929+/-1.764 χ^2/NDF : 15.1/17

-1.629+/-1.290 χ^2/NDF : 39.1/37

-0.135+/-1.891 χ^2/NDF : 22.9/19

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 4872.105+/-1.421 χ^2/NDF : 1405253.2/16

Left Out: 2933.990+/-2.605 χ^2/NDF : 0.0/0

Right Out: 4711.077+/-1.337 χ^2/NDF : 1330595.4/19

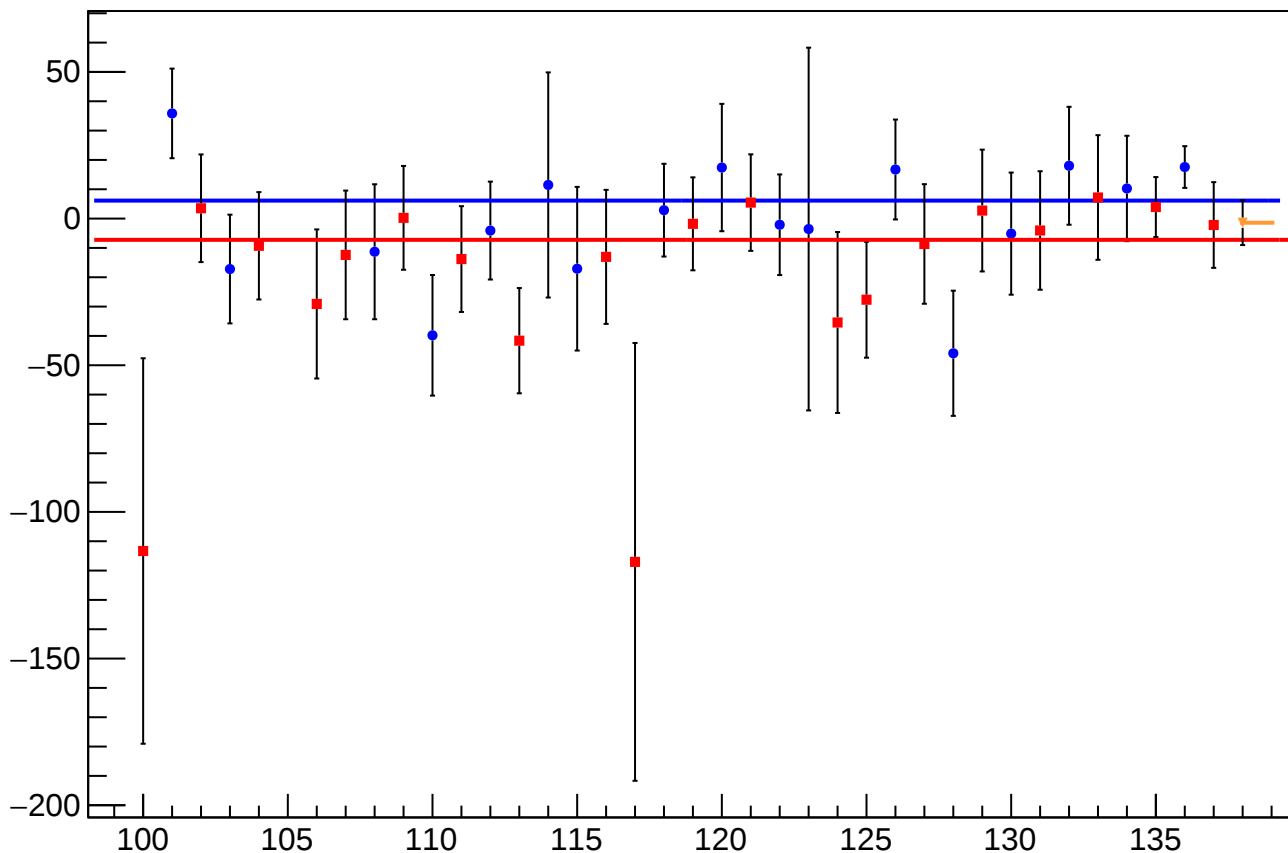
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4427.685+/-1.248 χ^2/NDF : 1831746.0/17

4559.594+/-0.912 χ^2/NDF : 3186358.4/37

4711.077+/-1.337 χ^2/NDF : 1330595.4/19

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 6.133 $\pm$ 4.080 χ^2 /NDF: 22.2/16

Left Out: -1.409 $\pm$ 7.615 χ^2 /NDF: 0.0/0

Right Out: -7.243 $\pm$ 4.218 χ^2 /NDF: 14.6/19

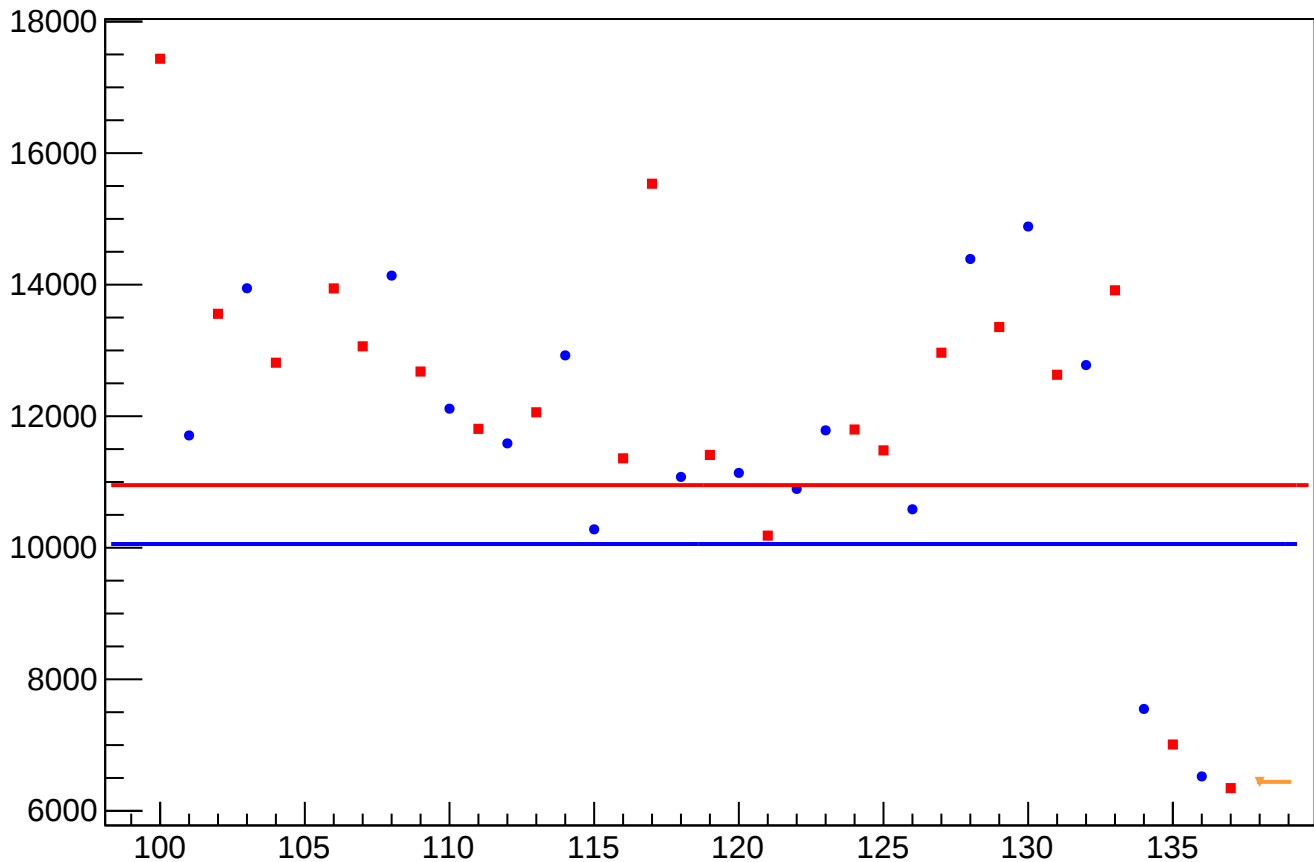
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

4.450 $\pm$ 3.596 χ^2 /NDF: 23.0/17

-0.473 $\pm$ 2.737 χ^2 /NDF: 42.0/37

-7.243 $\pm$ 4.218 χ^2 /NDF: 14.6/19

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 10056.991+/-2.885 χ^2/NDF : 1002872.6/16

Left Out: 6440.485+/-5.384 χ^2/NDF : 0.0/0

Right Out: 10952.255+/-2.982 χ^2/NDF : 770474.3/19

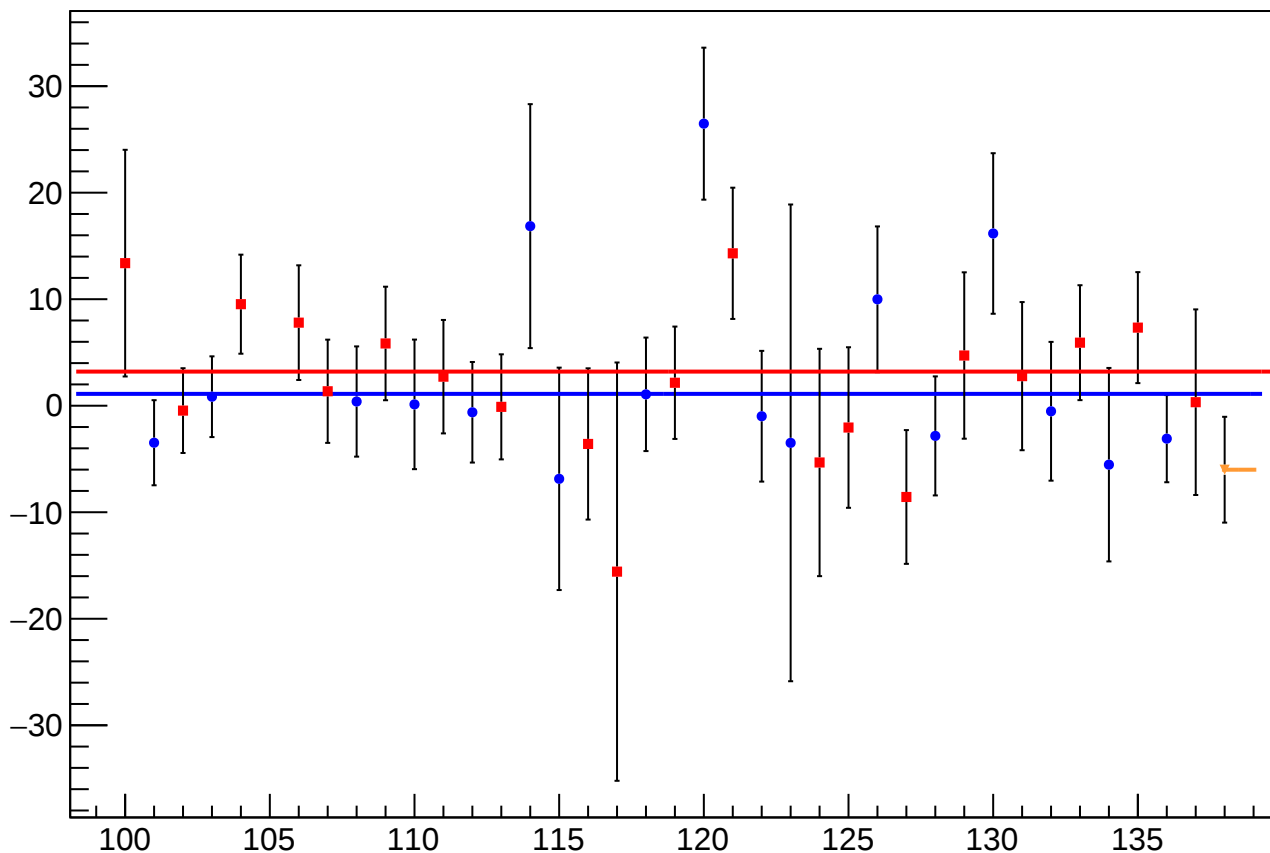
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9250.263+/-2.543 χ^2/NDF : 1353369.1/17

9966.802+/-1.935 χ^2/NDF : 2312417.3/37

10952.255+/-2.982 χ^2/NDF : 770474.3/19

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 1.112 $\pm$ 1.403 χ^2 /NDF: 24.6/16

Left Out: -6.007 $\pm$ 4.967 χ^2 /NDF: 0.0/0

Right Out: 3.204 $\pm$ 1.331 χ^2 /NDF: 16.0/19

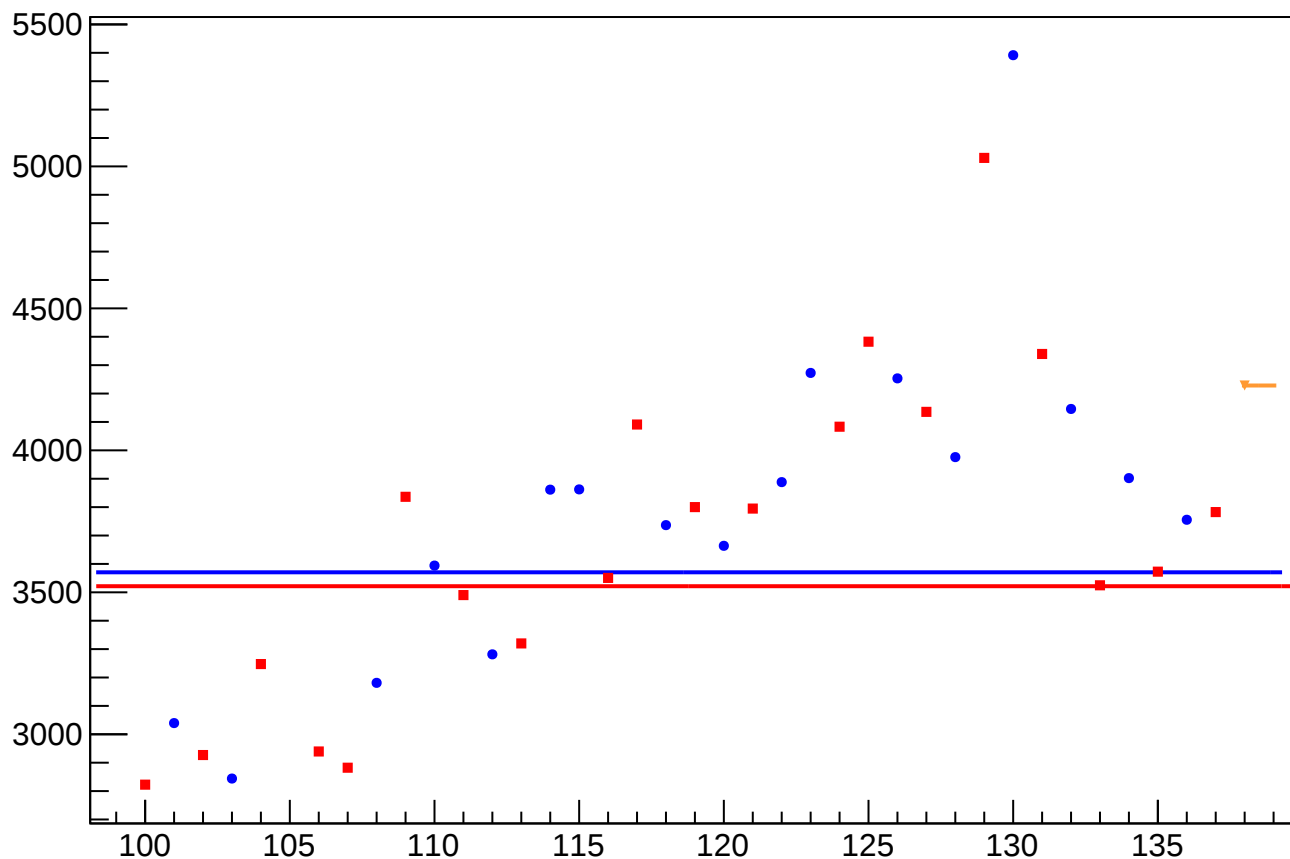
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.586 $\pm$ 1.350 χ^2 /NDF: 26.5/17

1.914 $\pm$ 0.948 χ^2 /NDF: 44.4/37

3.204 $\pm$ 1.331 χ^2 /NDF: 16.0/19

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3570.481+/-0.992 χ^2/NDF : 309699.2/16

Left Out: 4228.357+/-3.512 χ^2/NDF : 0.0/0

Right Out: 3521.513+/-0.941 χ^2/NDF : 295082.3/19

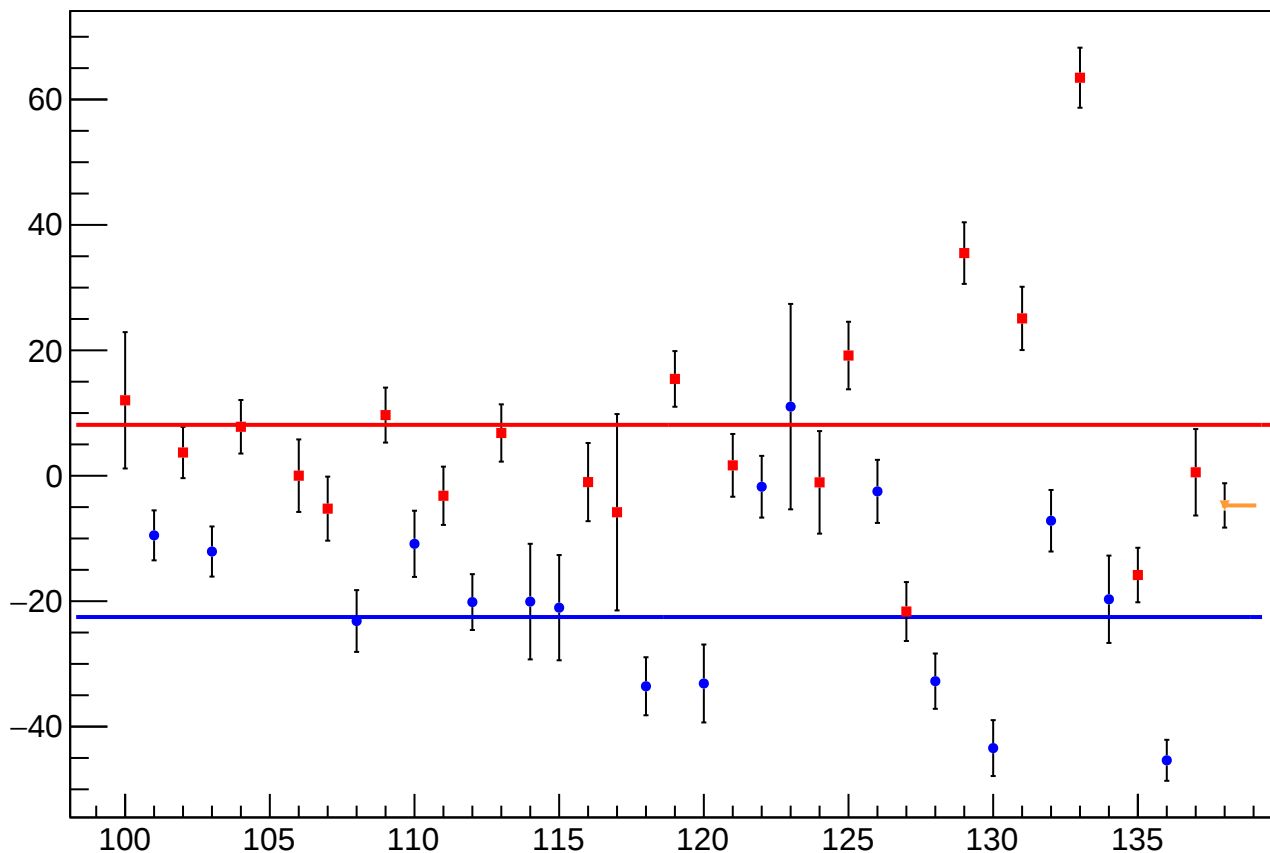
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3619.077+/-0.955 χ^2/NDF : 342190.5/17

3569.586+/-0.670 χ^2/NDF : 642571.4/37

3521.513+/-0.941 χ^2/NDF : 295082.3/19

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -22.526+/-1.201 χ^2/NDF : 155.5/16

Left Out: -4.731+/-3.537 χ^2/NDF : 0.0/0

Right Out: 8.116+/-1.154 χ^2/NDF : 276.6/19

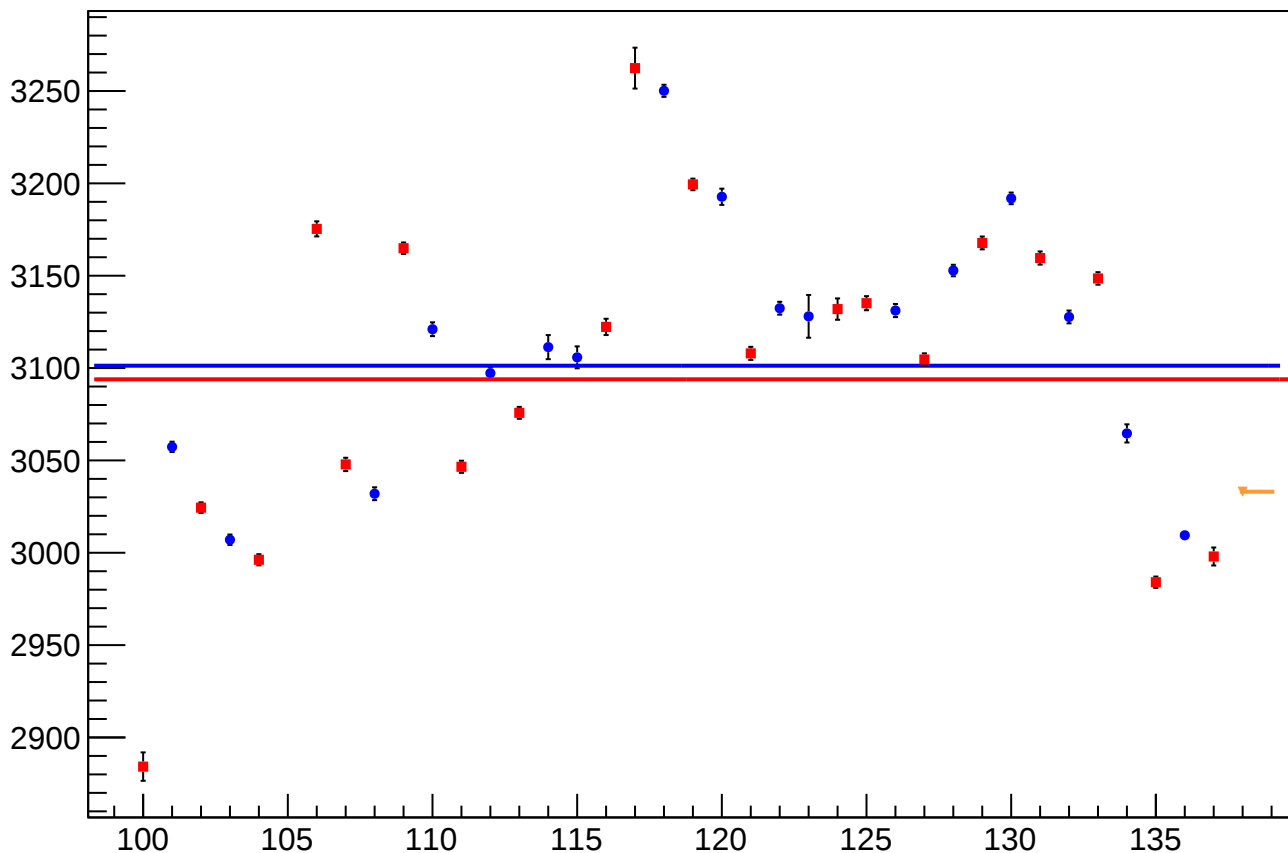
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-20.688+/-1.137 χ^2/NDF : 178.2/17

-6.498+/-0.810 χ^2/NDF : 771.1/37

8.116+/-1.154 χ^2/NDF : 276.6/19

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3101.270+/-0.849 χ^2/NDF : 7233.8/16

Left Out: 3033.062+/-2.501 χ^2/NDF : 0.0/0

Right Out: 3093.913+/-0.816 χ^2/NDF : 7998.9/19

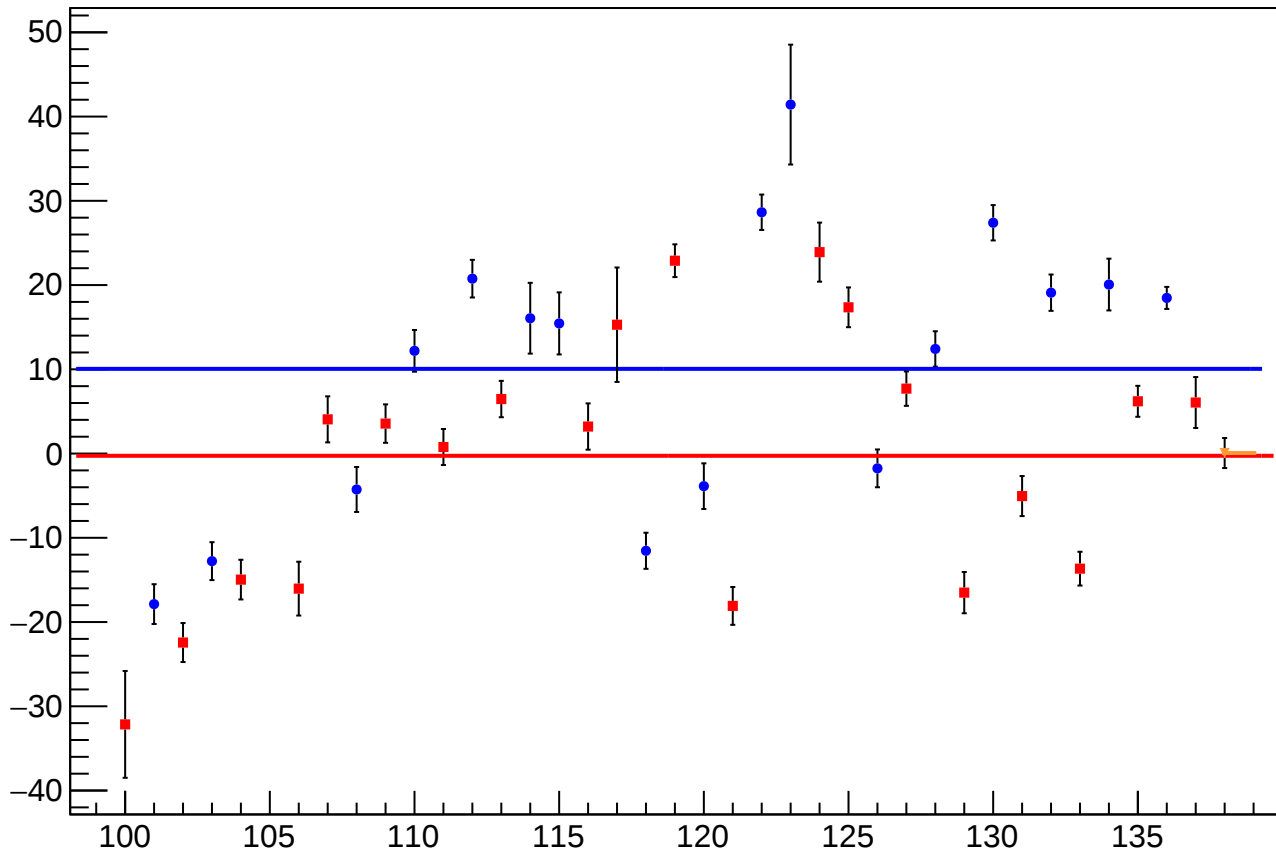
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3094.224+/-0.804 χ^2/NDF : 7900.7/17

3094.071+/-0.573 χ^2/NDF : 15899.7/37

3093.913+/-0.816 χ^2/NDF : 7998.9/19

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 10.055 $\pm$ 0.562 χ^2/NDF : 692.2/16

Left Out: 0.062 $\pm$ 1.783 χ^2/NDF : 0.0/0

Right Out: -0.266 $\pm$ 0.545 χ^2/NDF : 635.1/19

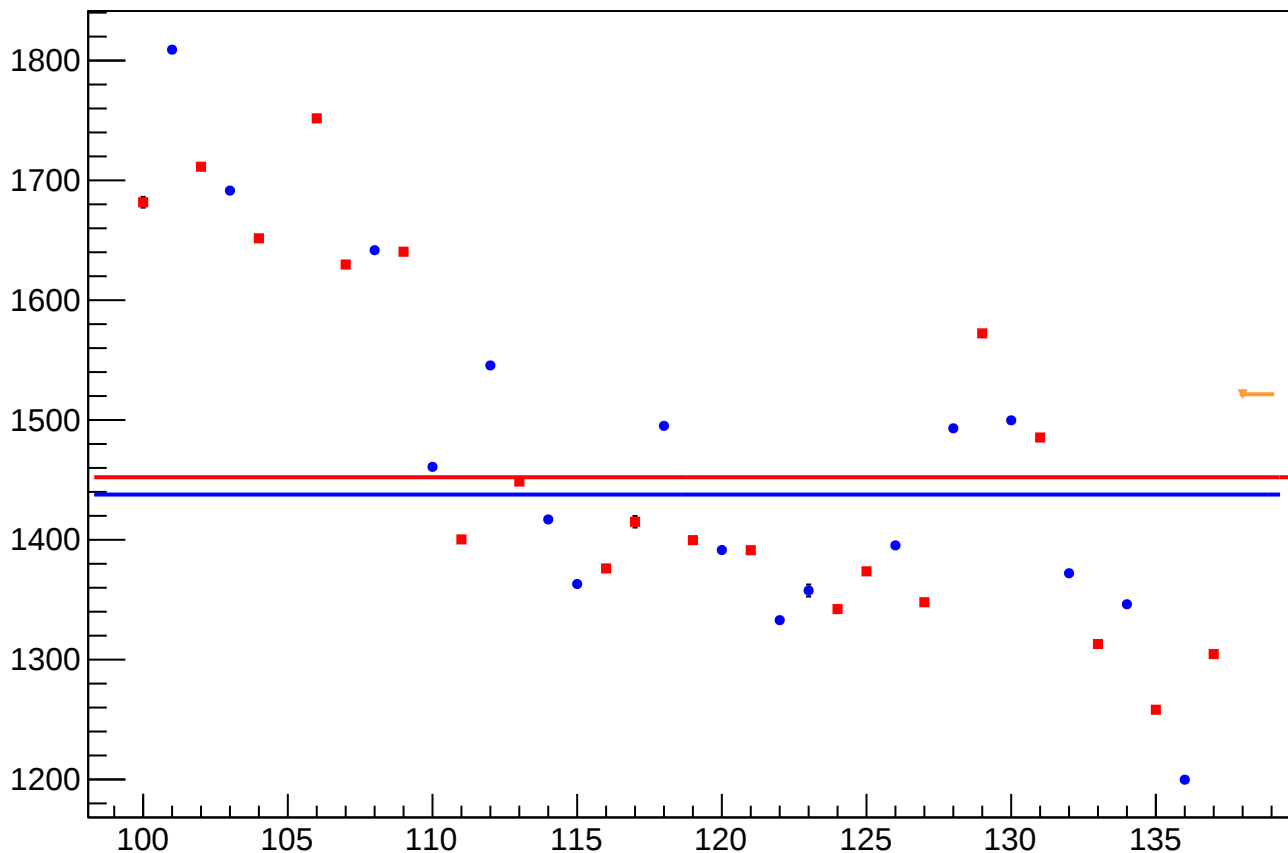
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

9.154 $\pm$ 0.536 χ^2/NDF : 720.8/17

4.527 $\pm$ 0.382 χ^2/NDF : 1507.8/37

-0.266 $\pm$ 0.545 χ^2/NDF : 635.1/19

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1437.776 $\pm$ 0.397 χ^2 /NDF: 173216.2/16

Left Out: 1521.504 $\pm$ 1.261 χ^2 /NDF: 0.0/0

Right Out: 1452.227 $\pm$ 0.386 χ^2 /NDF: 138666.1/19

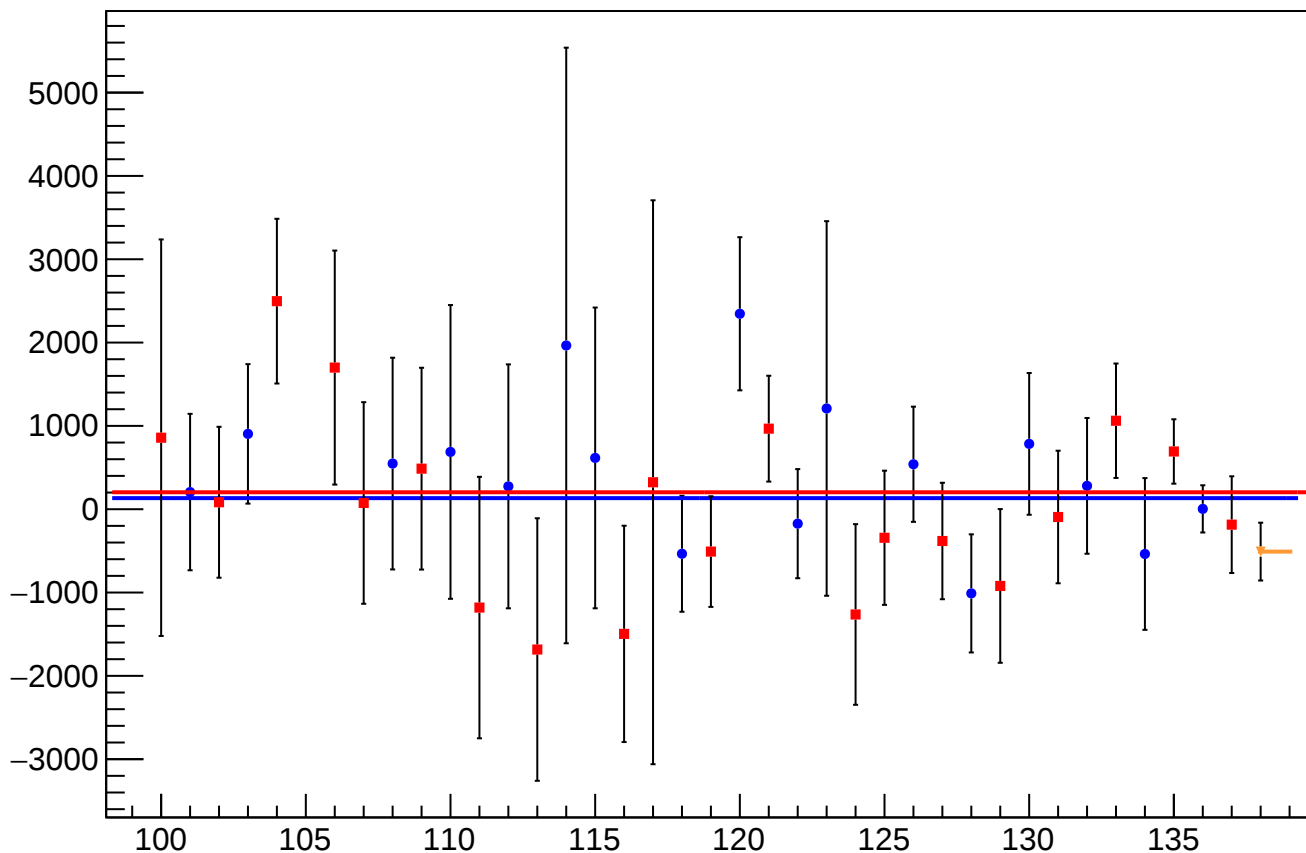
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1445.331 $\pm$ 0.379 χ^2 /NDF: 177226.4/17

1448.718 $\pm$ 0.270 χ^2 /NDF: 316055.2/37

1452.227 $\pm$ 0.386 χ^2 /NDF: 138666.1/19

asym_sam1_mean vs Slug, Sign Corrected



Right In: 132.921+/-180.271 χ^2/NDF : 12.9/16

Left Out: -508.718+/-346.932 χ^2/NDF : 0.0/0

Right Out: 203.418+/-184.080 χ^2/NDF : 21.4/19

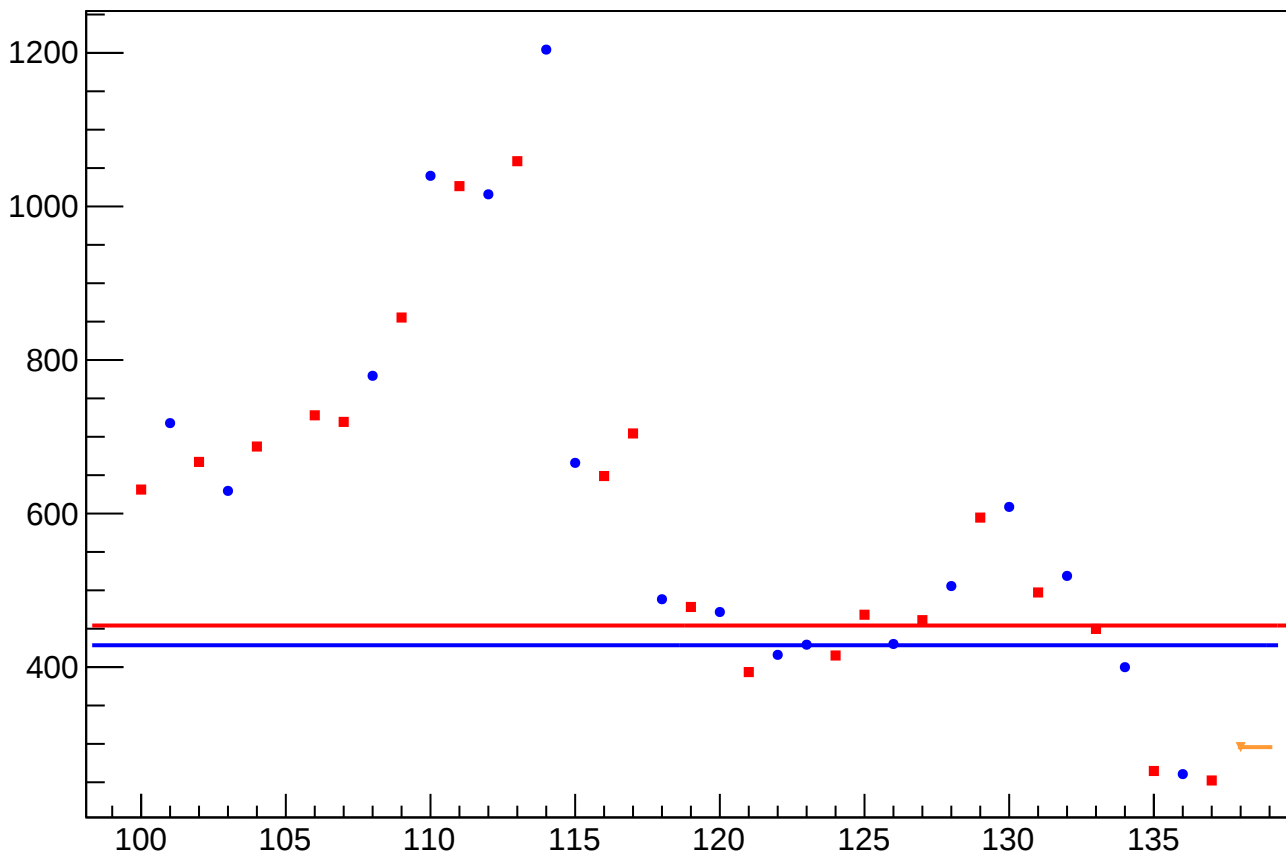
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.489+/-159.965 χ^2/NDF : 15.6/17

85.533+/-120.744 χ^2/NDF : 37.7/37

203.418+/-184.080 χ^2/NDF : 21.4/19

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.460+/-0.127 χ^2/NDF : 2011453.8/16

Left Out: 295.770+/-0.245 χ^2/NDF : 0.0/0

Right Out: 454.177+/-0.130 χ^2/NDF : 2040775.1/19

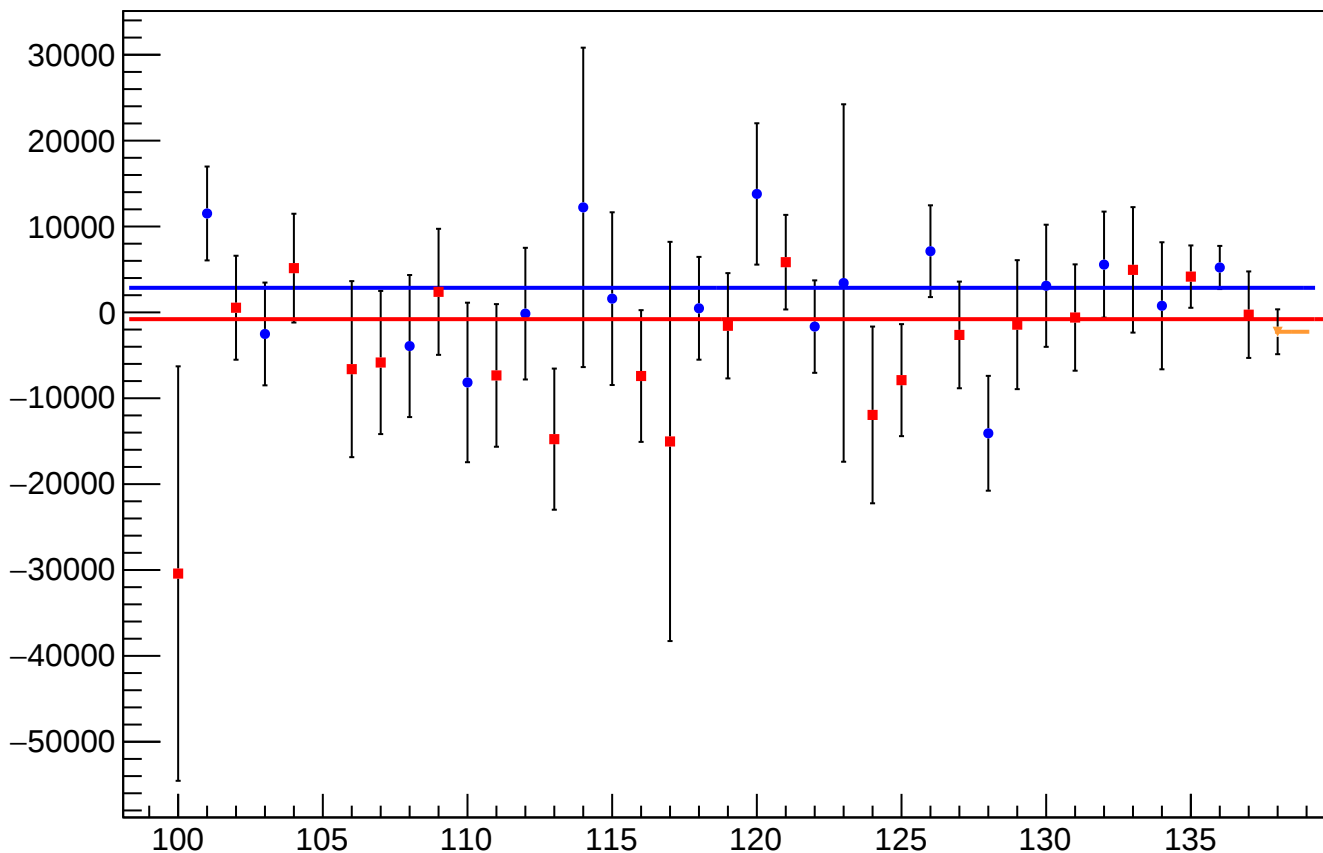
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

400.251+/-0.113 χ^2/NDF : 2241817.2/17

423.453+/-0.085 χ^2/NDF : 4380386.0/37

454.177+/-0.130 χ^2/NDF : 2040775.1/19

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2859.622 $\pm$ 1447.884 χ^2 /NDF: 16.7/16

Left Out: -2256.836 $\pm$ 2612.454 χ^2 /NDF: 0.0/0

Right Out: -789.608 $\pm$ 1506.053 χ^2 /NDF: 14.4/19

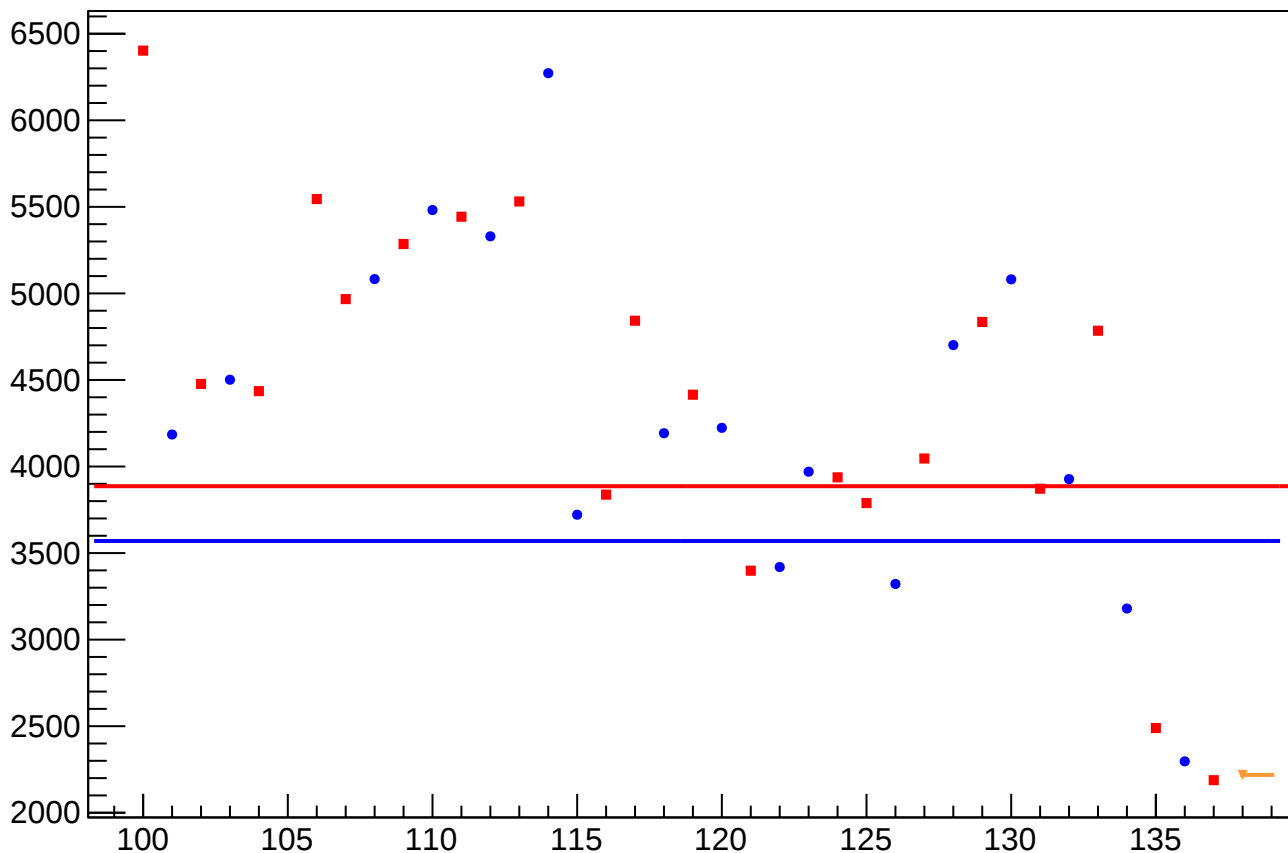
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1657.331 $\pm$ 1266.393 χ^2 /NDF: 19.6/17

643.814 $\pm$ 969.269 χ^2 /NDF: 35.5/37

-789.608 $\pm$ 1506.053 χ^2 /NDF: 14.4/19

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3569.631 $\pm$ 1.024 χ^2 /NDF: 1087935.4/16

Left Out: 2218.573 $\pm$ 1.847 χ^2 /NDF: 0.0/0

Right Out: 3886.199 $\pm$ 1.065 χ^2 /NDF: 986485.7/19

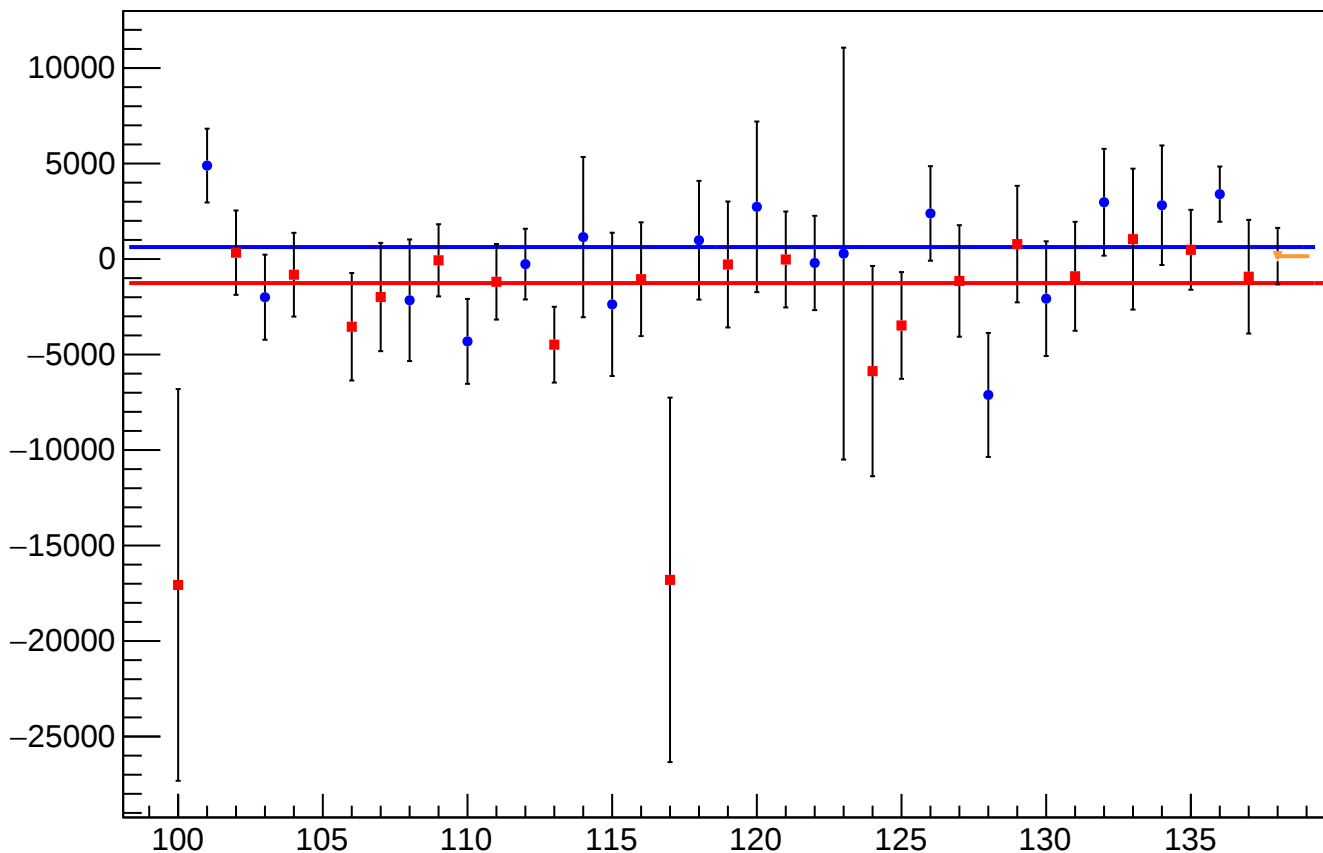
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3252.153 $\pm$ 0.895 χ^2 /NDF: 1497150.0/17

3514.773 $\pm$ 0.685 χ^2 /NDF: 2691291.0/37

3886.199 $\pm$ 1.065 χ^2 /NDF: 986485.7/19

asym_sam3_mean vs Slug, Sign Corrected



Right In: 627.655+/-620.929 χ^2/NDF : 25.1/16

Left Out: 149.994+/-1479.925 χ^2/NDF : 0.0/0

Right Out: -1257.467+/-601.857 χ^2/NDF : 12.6/19

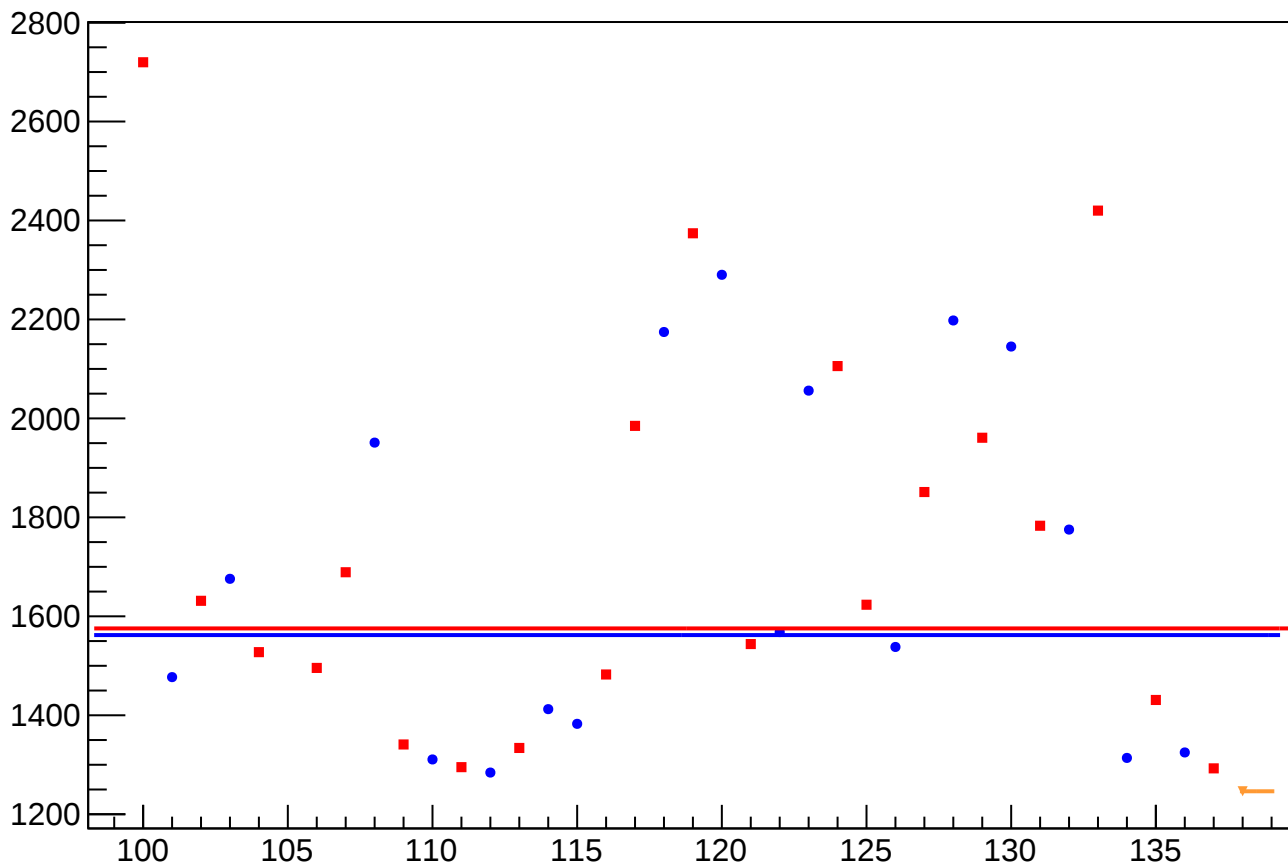
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

556.155+/-572.574 χ^2/NDF : 25.2/17

-305.464+/-414.837 χ^2/NDF : 42.5/37

-1257.467+/-601.857 χ^2/NDF : 12.6/19

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1562.101 $\pm$ 0.439 χ^2 /NDF: 482088.3/16

Left Out: 1246.406 $\pm$ 1.046 χ^2 /NDF: 0.0/0

Right Out: 1575.541 $\pm$ 0.426 χ^2 /NDF: 467687.2/19

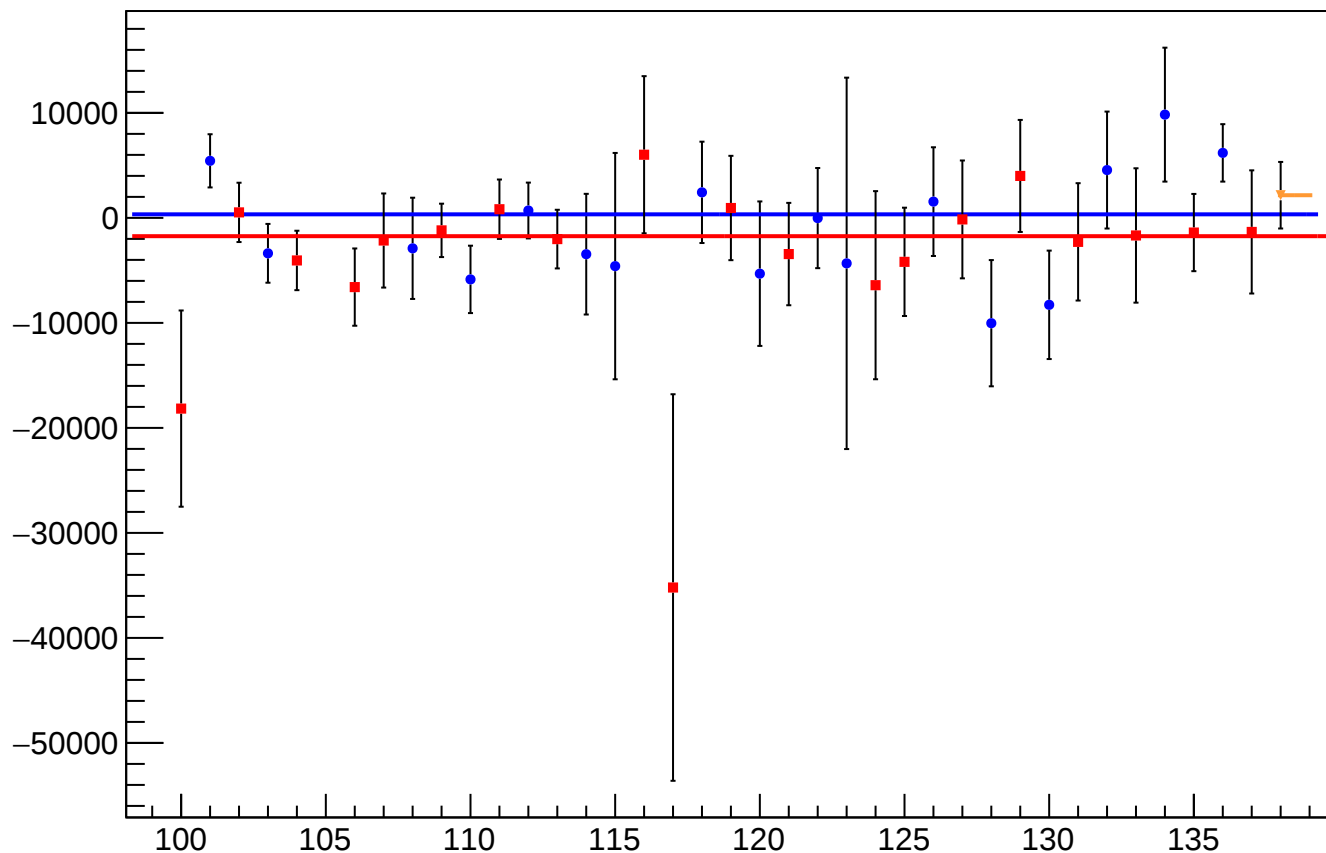
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1514.846 $\pm$ 0.405 χ^2 /NDF: 559475.1/17

1543.681 $\pm$ 0.293 χ^2 /NDF: 1037839.3/37

1575.541 $\pm$ 0.426 χ^2 /NDF: 467687.2/19

asym_sam4_mean vs Slug, Sign Corrected



Right In: 338.117+/-995.842 χ^2/NDF : 24.8/16

Left Out: 2158.430+/-3170.303 χ^2/NDF : 0.0/0

Right Out: -1742.470+/-923.289 χ^2/NDF : 13.6/19

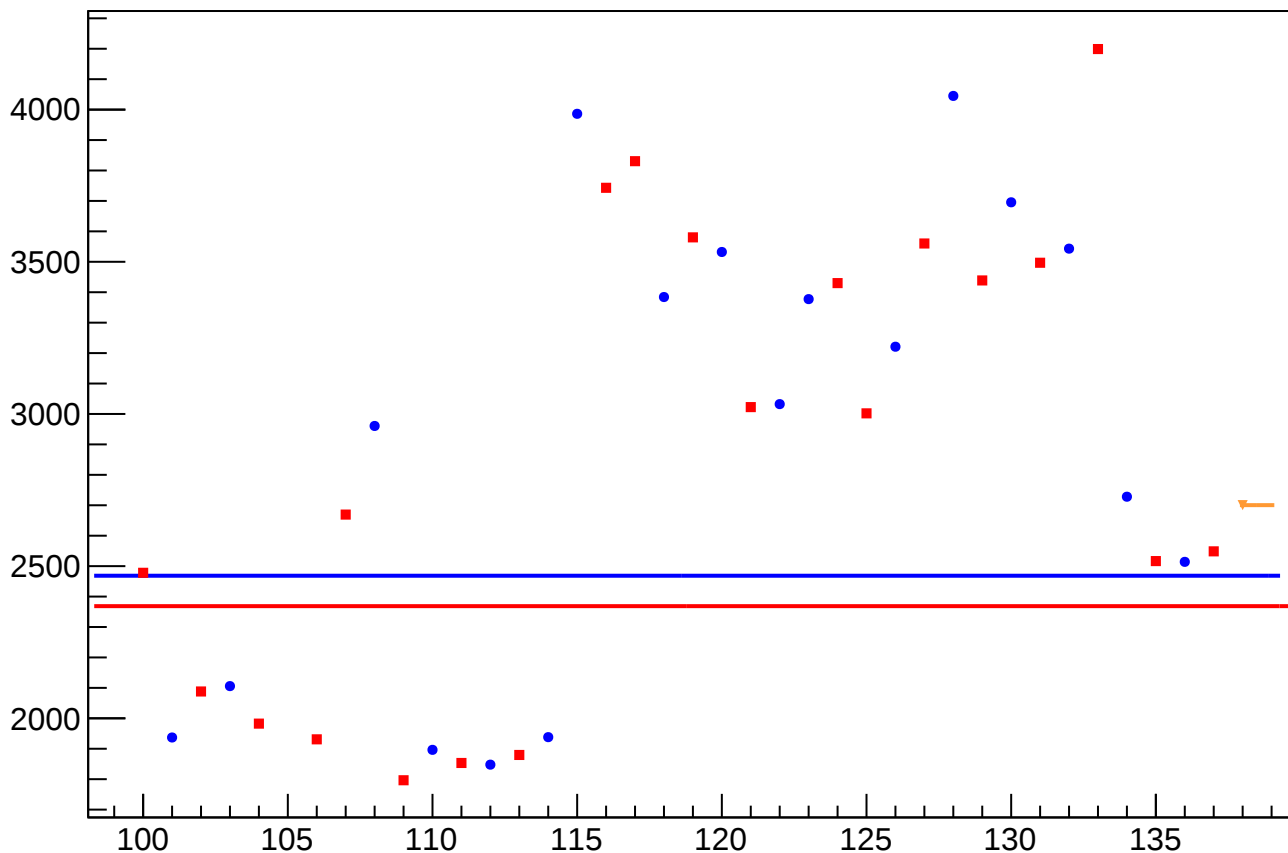
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

501.595+/-950.073 χ^2/NDF : 25.1/17

-652.515+/-662.131 χ^2/NDF : 41.5/37

-1742.470+/-923.289 χ^2/NDF : 13.6/19

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2468.489+/-0.704 χ^2/NDF : 896153.6/16

Left Out: 2700.423+/-2.242 χ^2/NDF : 0.0/0

Right Out: 2368.521+/-0.653 χ^2/NDF : 1037811.8/19

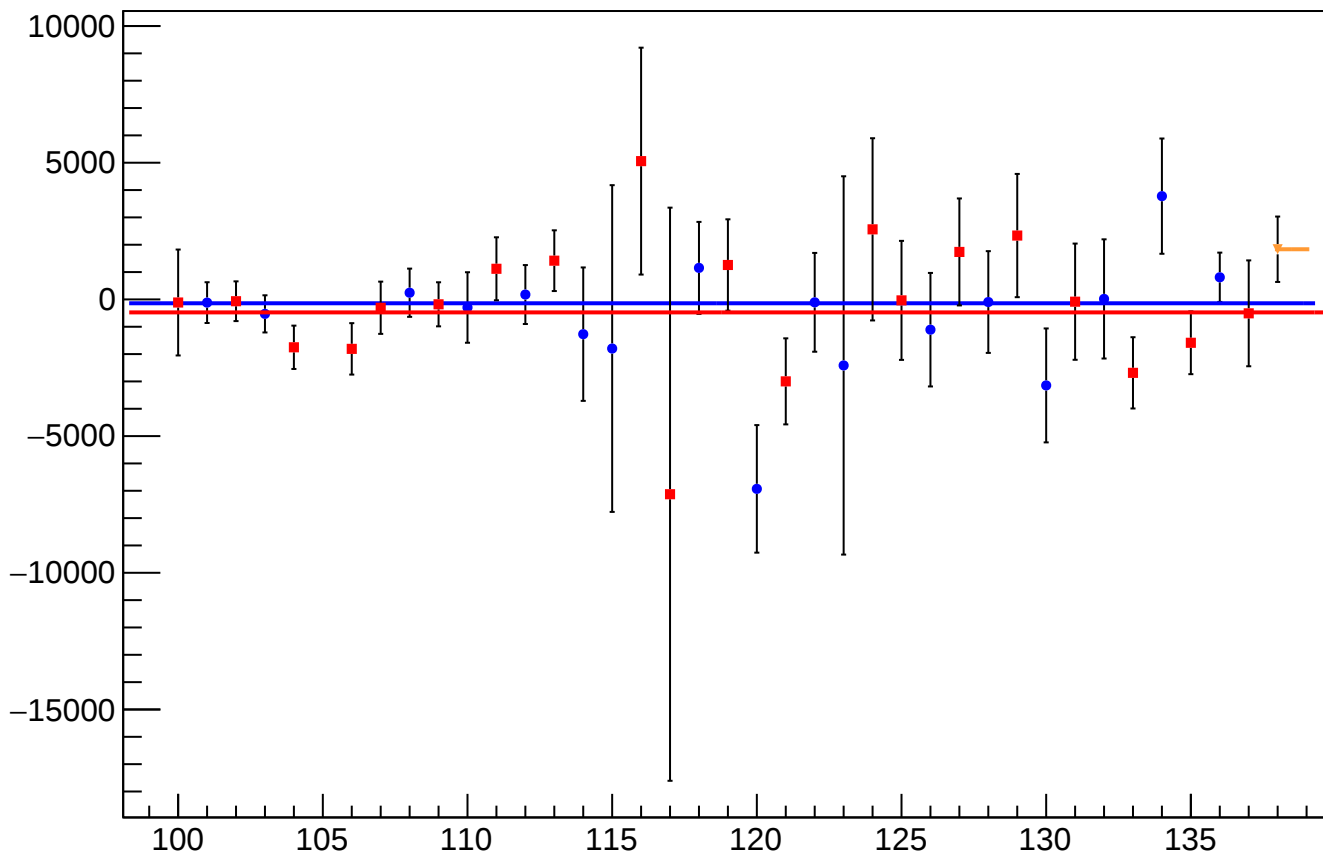
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2489.318+/-0.672 χ^2/NDF : 905896.6/17

2427.193+/-0.468 χ^2/NDF : 1960336.4/37

2368.521+/-0.653 χ^2/NDF : 1037811.8/19

asym_sam5_mean vs Slug, Sign Corrected



Right In: -141.213+/-313.319 χ^2/NDF : 16.9/16

Left Out: 1834.626+/-1196.127 χ^2/NDF : 0.0/0

Right Out: -474.987+/-282.789 χ^2/NDF : 23.3/19

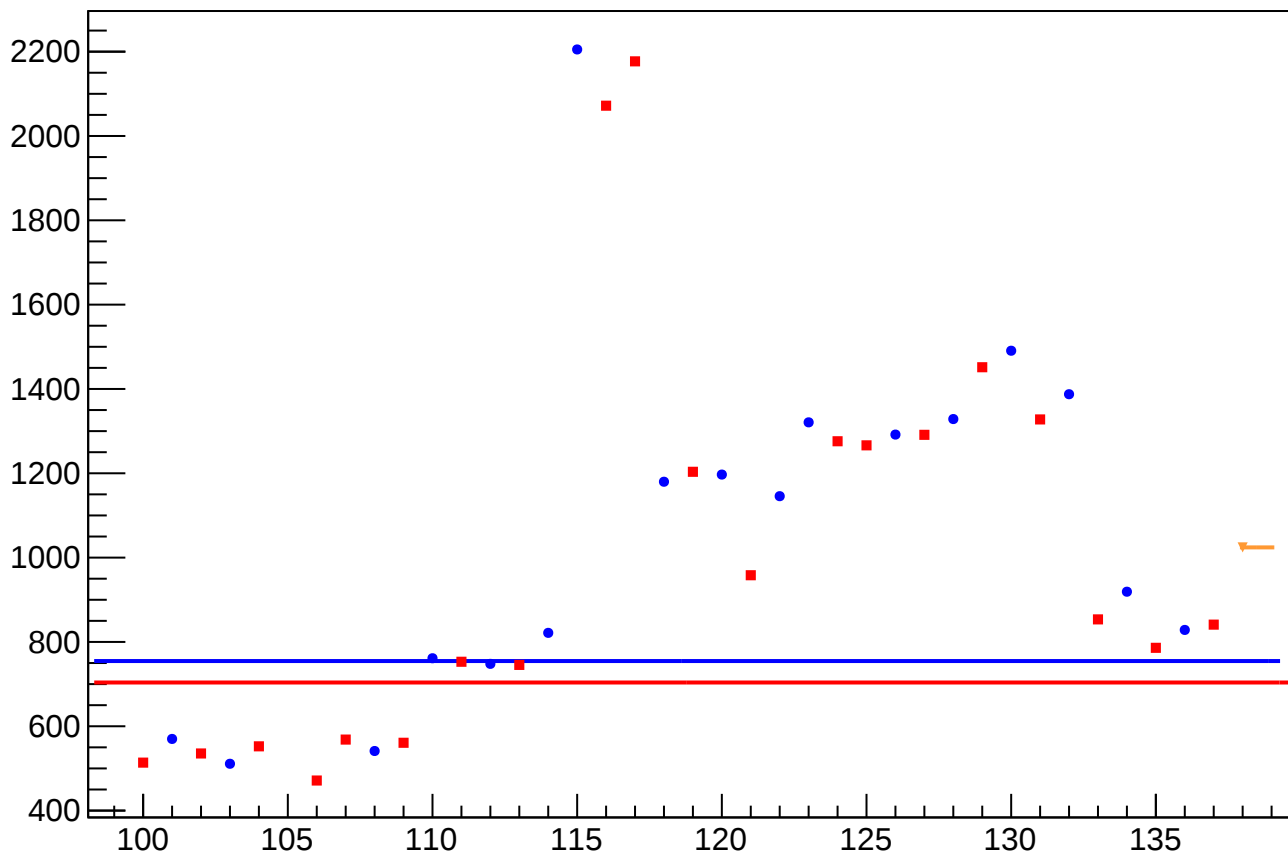
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-14.346+/-303.093 χ^2/NDF : 19.5/17

-260.611+/-206.768 χ^2/NDF : 44.1/37

-474.987+/-282.789 χ^2/NDF : 23.3/19

asym_sam5_rms vs Slug, Sign Corrected



Right In: 754.684 $\pm$ 0.222 χ^2 /NDF: 1690621.2/16

Left Out: 1024.234 $\pm$ 0.846 χ^2 /NDF: 0.0/0

Right Out: 703.794 $\pm$ 0.200 χ^2 /NDF: 1731134.6/19

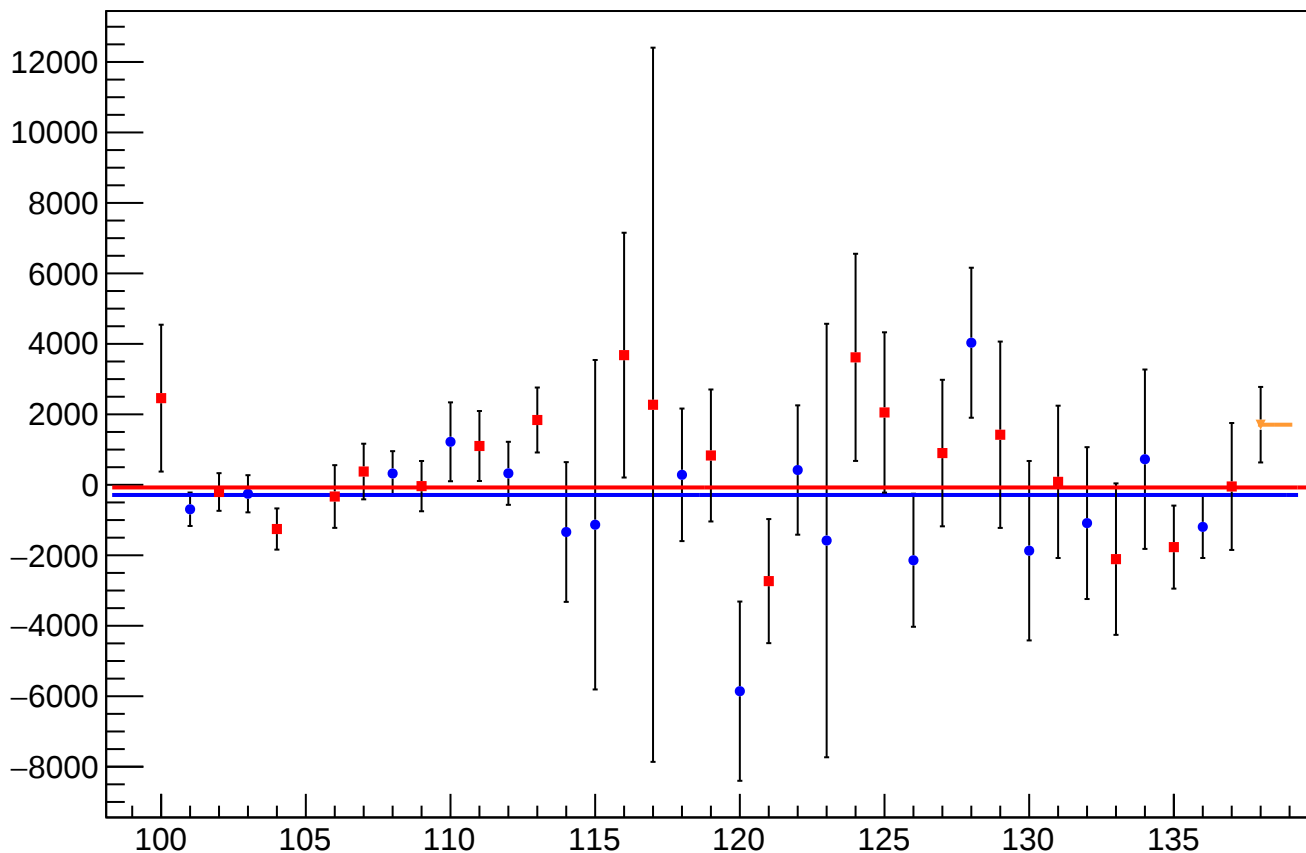
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

771.991 $\pm$ 0.214 χ^2 /NDF: 1785667.2/17

735.532 $\pm$ 0.146 χ^2 /NDF: 3570933.3/37

703.794 $\pm$ 0.200 χ^2 /NDF: 1731134.6/19

asym_sam6_mean vs Slug, Sign Corrected



Right In: -288.037 $\pm$ 250.436 χ^2 /NDF: 16.2/16

Left Out: 1706.383 $\pm$ 1071.778 χ^2 /NDF: 0.0/0

Right Out: -74.735 $\pm$ 246.011 χ^2 /NDF: 21.4/19

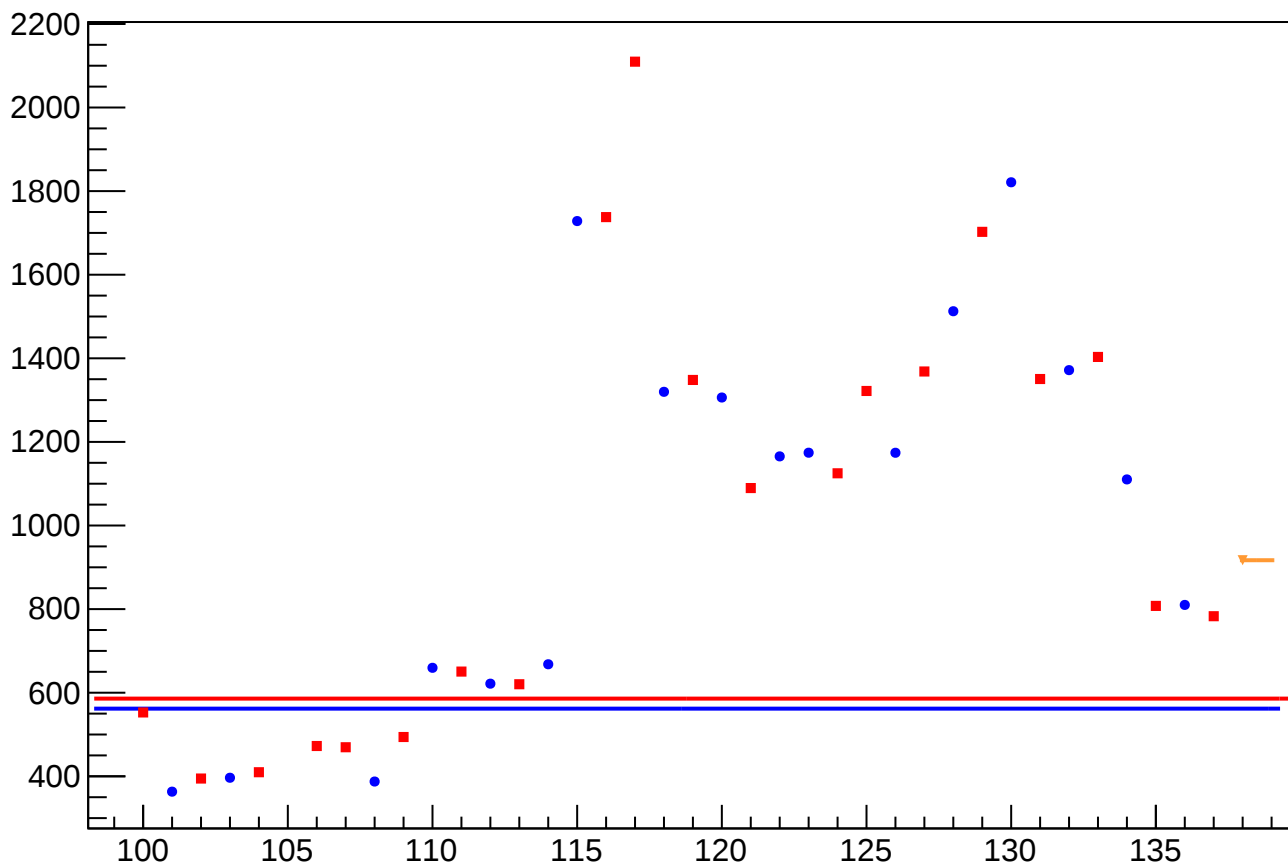
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-184.782 $\pm$ 243.867 χ^2 /NDF: 19.4/17

-130.240 $\pm$ 173.193 χ^2 /NDF: 41.0/37

-74.735 $\pm$ 246.011 χ^2 /NDF: 21.4/19

asym_sam6_rms vs Slug, Sign Corrected



Right In: 561.894+/-0.177 χ^2/NDF : 3216651.3/16

Left Out: 916.949+/-0.758 χ^2/NDF : 0.0/0

Right Out: 585.891+/-0.174 χ^2/NDF : 2869692.7/19

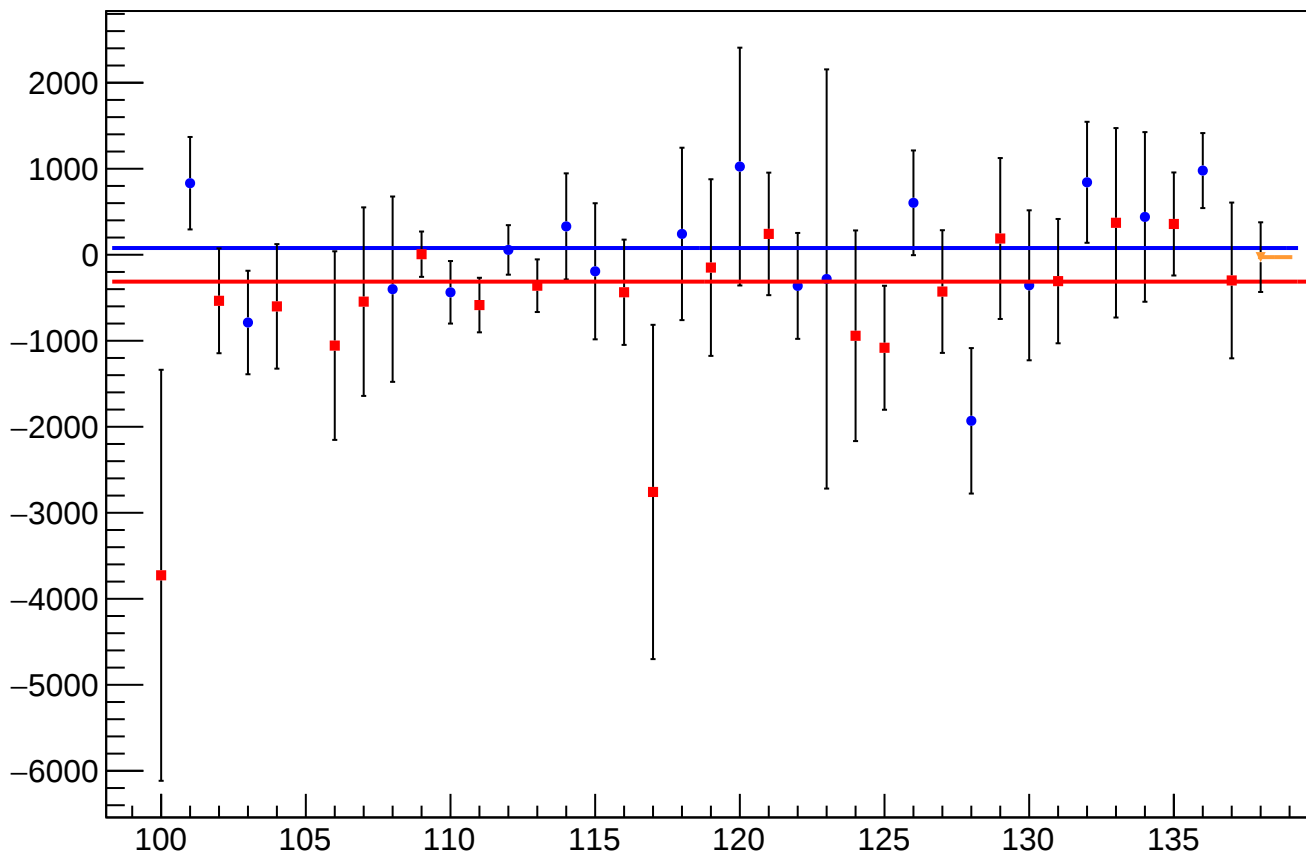
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

580.276+/-0.172 χ^2/NDF : 3424777.3/17

583.059+/-0.122 χ^2/NDF : 6294995.5/37

585.891+/-0.174 χ^2/NDF : 2869692.7/19

asym_sam7_mean vs Slug, Sign Corrected



Right In: 78.184 ± 142.869 χ^2/NDF : 19.8/16

Left Out: -27.745 ± 405.009 χ^2/NDF : 0.0/0

Right Out: -312.536 ± 129.362 χ^2/NDF : 10.7/19

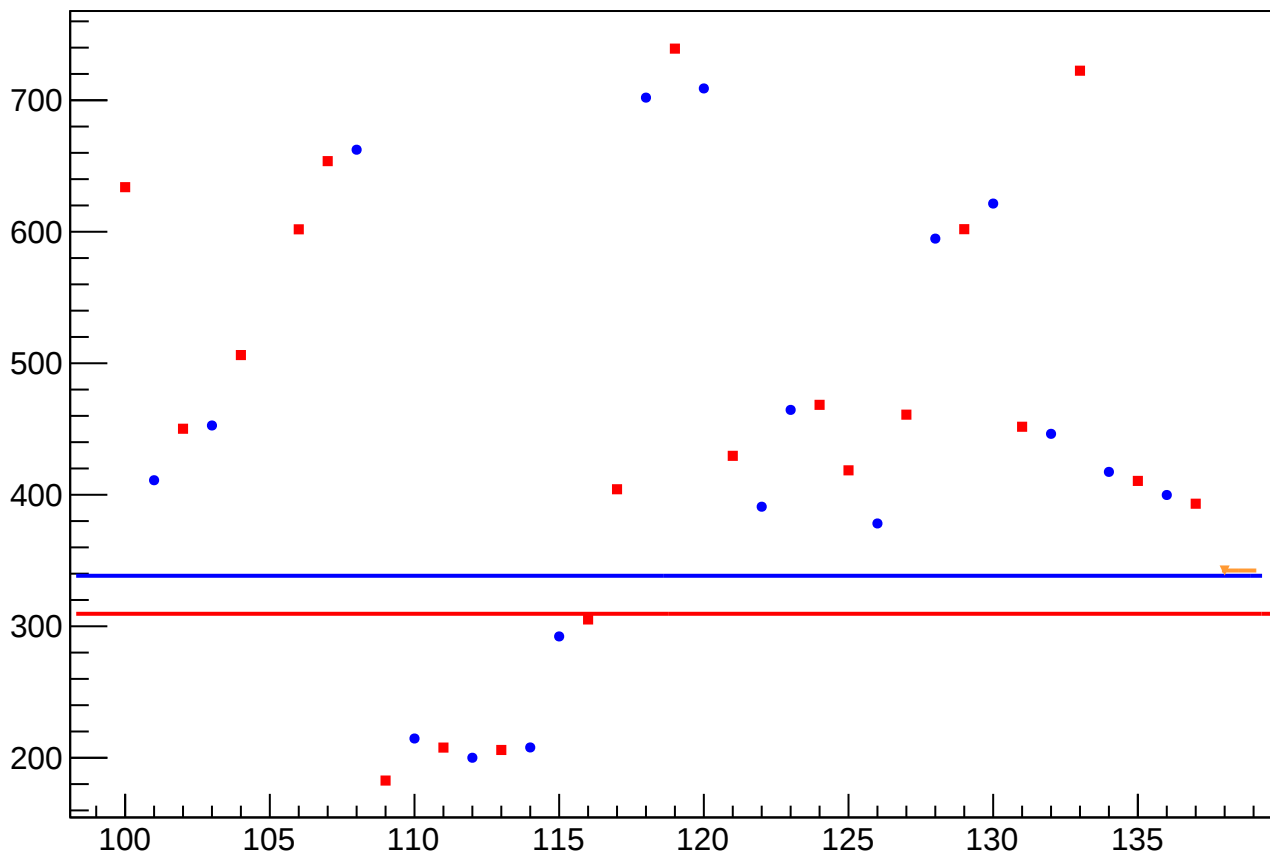
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

66.461 ± 134.732 χ^2/NDF : 19.8/17

-130.741 ± 93.314 χ^2/NDF : 34.6/37

-312.536 ± 129.362 χ^2/NDF : 10.7/19

asym_sam7_rms vs Slug, Sign Corrected



Right In: 338.408+/-0.101 χ^2/NDF : 2009287.1/16

Left Out: 342.411+/-0.286 χ^2/NDF : 0.0/0

Right Out: 309.503+/-0.091 χ^2/NDF : 2738236.3/19

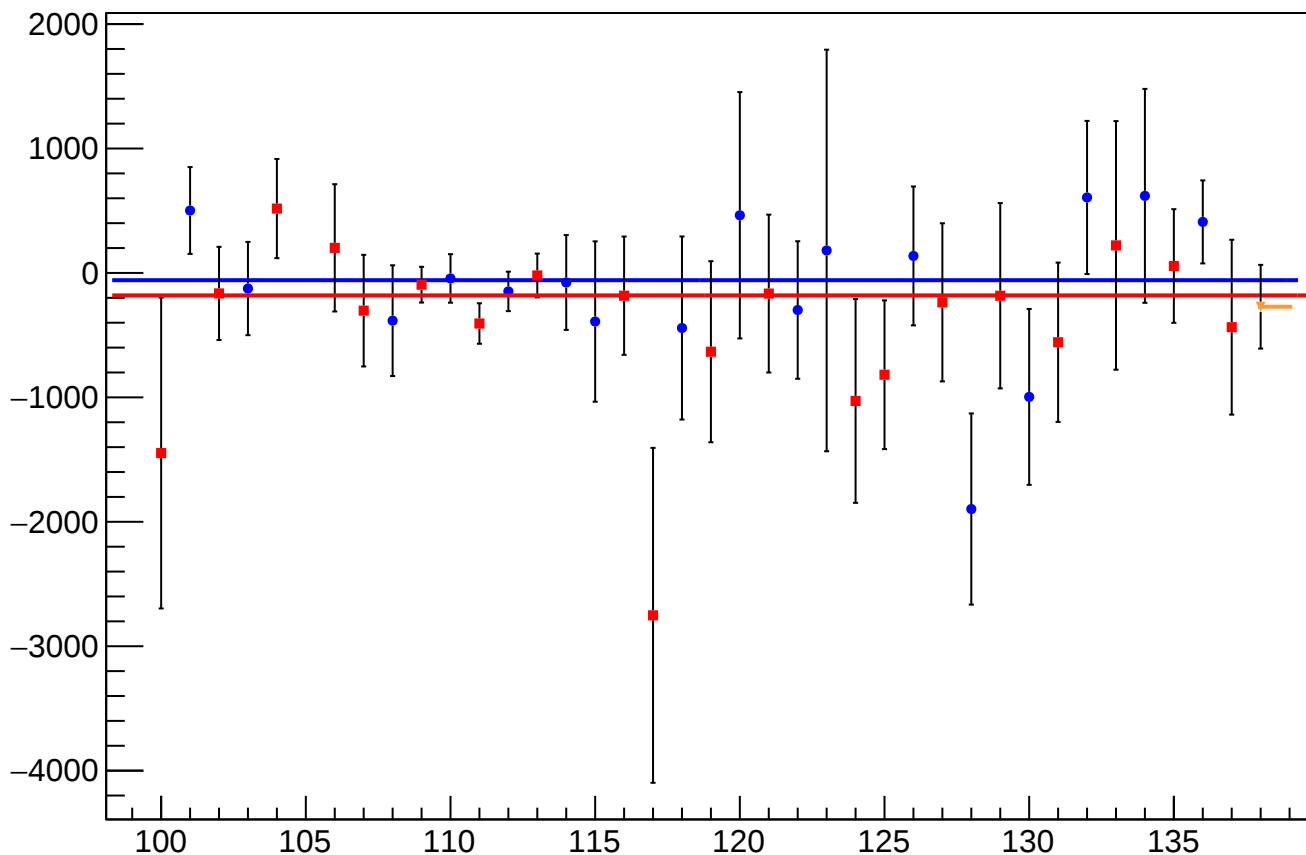
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

338.851+/-0.095 χ^2/NDF : 2009460.8/17

323.580+/-0.066 χ^2/NDF : 4797073.8/37

309.503+/-0.091 χ^2/NDF : 2738236.3/19

asym_sam8_mean vs Slug, Sign Corrected



Right In: -58.299 ± 90.484 χ^2/NDF : 15.9/16

Left Out: -271.502 ± 336.444 χ^2/NDF : 0.0/0

Right Out: -180.354 ± 76.795 χ^2/NDF : 15.0/19

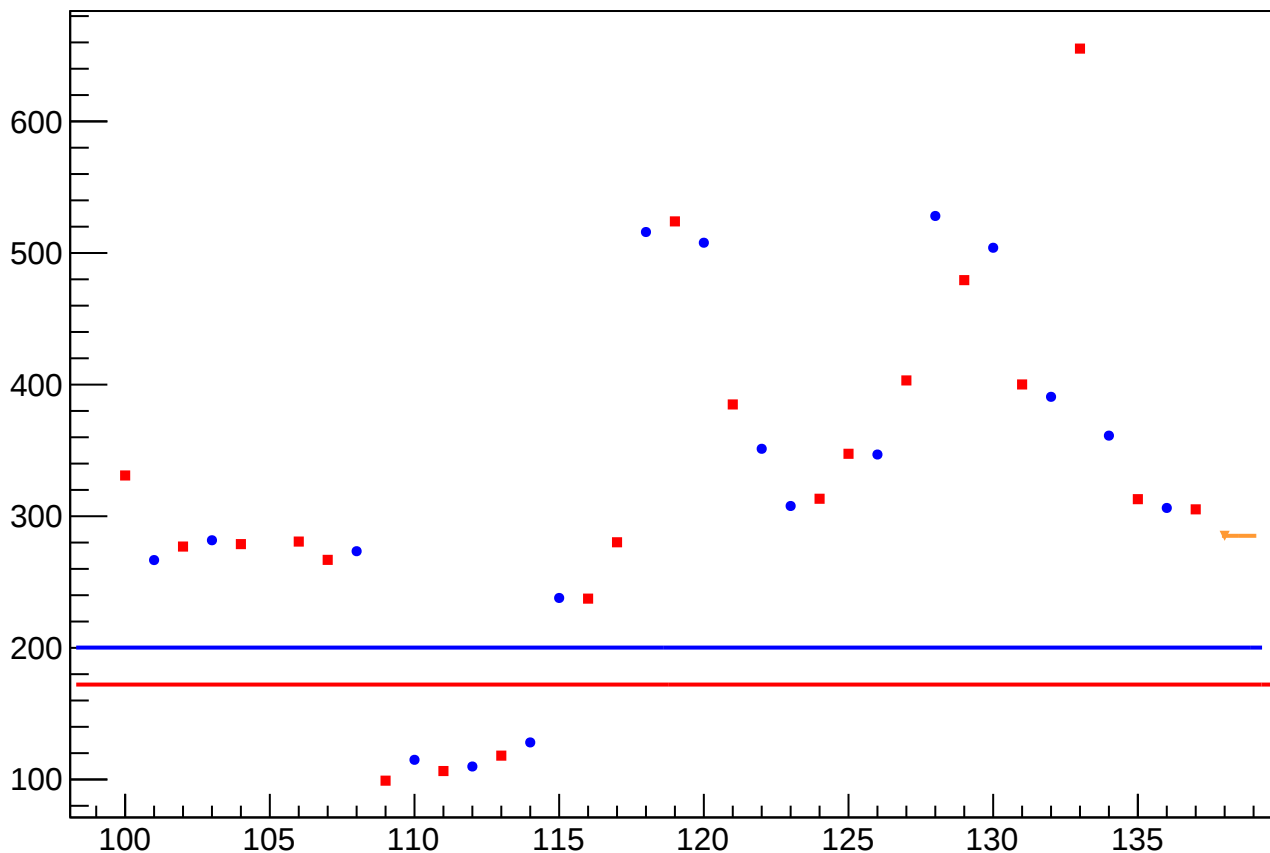
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-72.680 ± 87.379 χ^2/NDF : 16.2/17

-133.430 ± 57.683 χ^2/NDF : 32.1/37

-180.354 ± 76.795 χ^2/NDF : 15.0/19

asym_sam8_rms vs Slug, Sign Corrected



Right In: 200.209+/-0.064 χ^2/NDF : 3387197.7/16

Left Out: 285.129+/-0.238 χ^2/NDF : 0.0/0

Right Out: 172.110+/-0.054 χ^2/NDF : 4106869.2/19

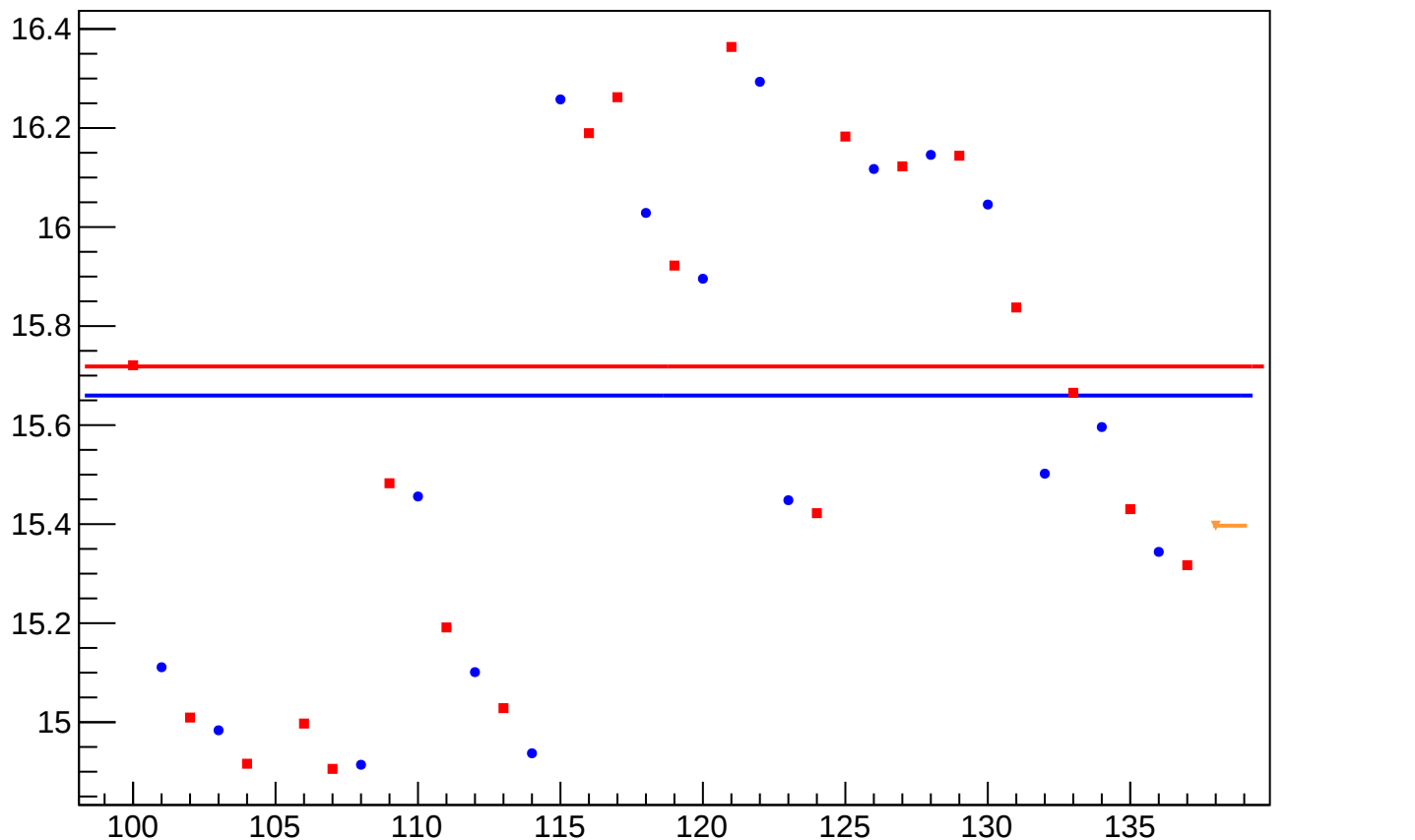
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

205.937+/-0.062 χ^2/NDF : 3506021.4/17

186.852+/-0.041 χ^2/NDF : 7781999.1/37

172.110+/-0.054 χ^2/NDF : 4106869.2/19

yield_sam1_mean vs Slug, Sign Corrected



Right In: 15.660+/-0.000 χ^2/NDF : 5782644553.5/16

Left Out: 15.397+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.718+/-0.000 χ^2/NDF : 5490626945.9/19

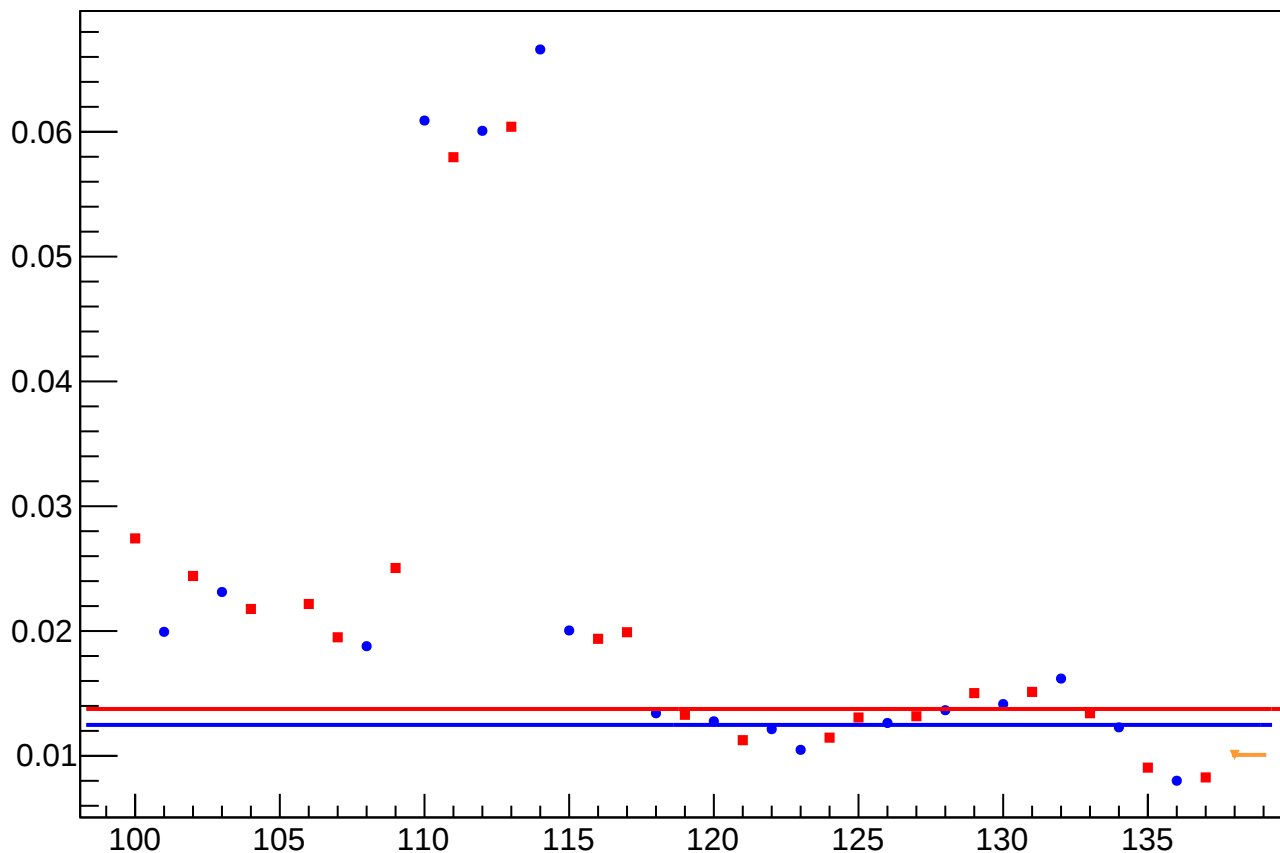
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15.615+/-0.000 χ^2/NDF : 6170276053.7/17

15.659+/-0.000 χ^2/NDF : 11839757581.9/17

15.718+/-0.000 χ^2/NDF : 5490626945.9/19

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 2152911.4/16

Left Out: 0.010 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.014 $\pm$ 0.000 χ^2 /NDF: 2084935.7/19

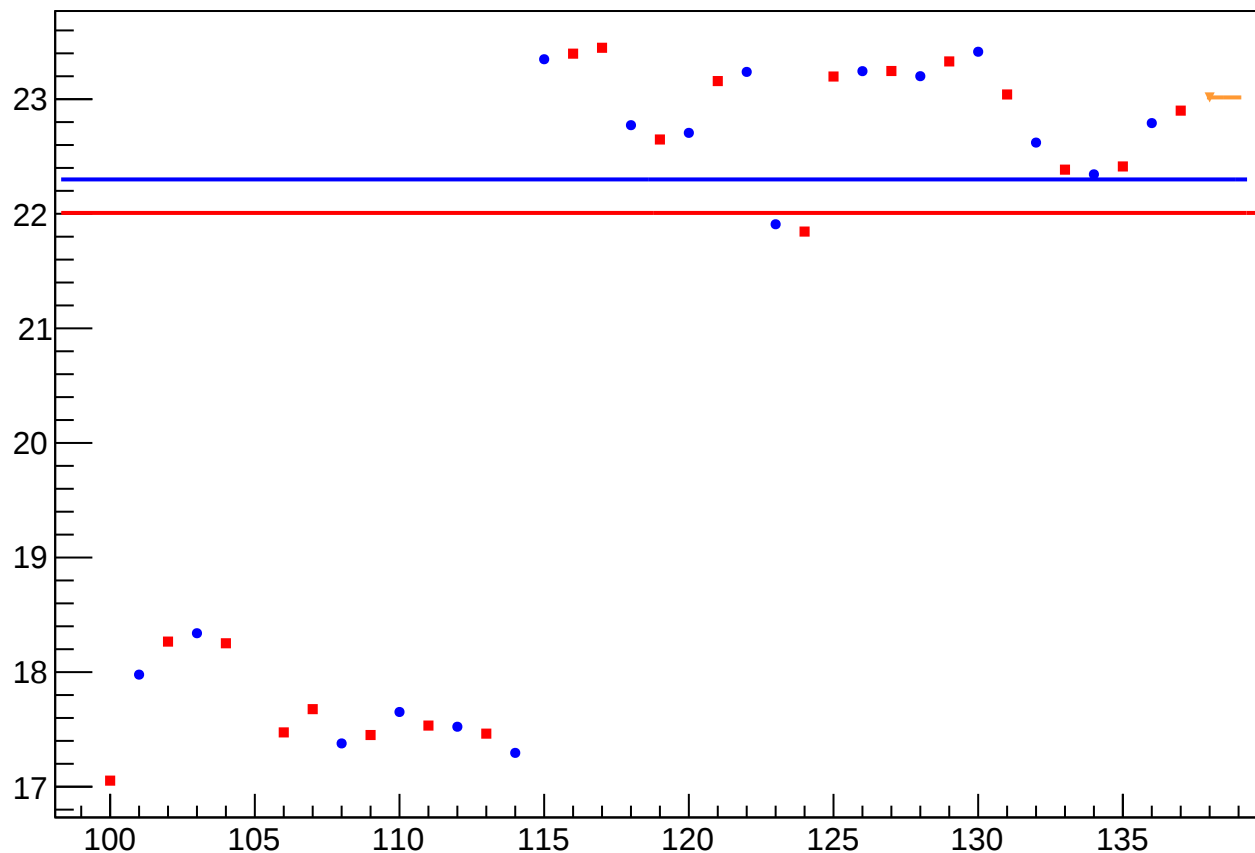
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.012 $\pm$ 0.000 χ^2 /NDF: 2217778.7/17

0.013 $\pm$ 0.000 χ^2 /NDF: 4397845.9/37

0.014 $\pm$ 0.000 χ^2 /NDF: 2084935.7/19

yield_sam2_mean vs Slug, Sign Corrected



Right In: 22.300+/-0.000 χ^2/NDF : 938398636.8/16

Left Out: 23.015+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.007+/-0.000 χ^2/NDF : 1068683102.9/19

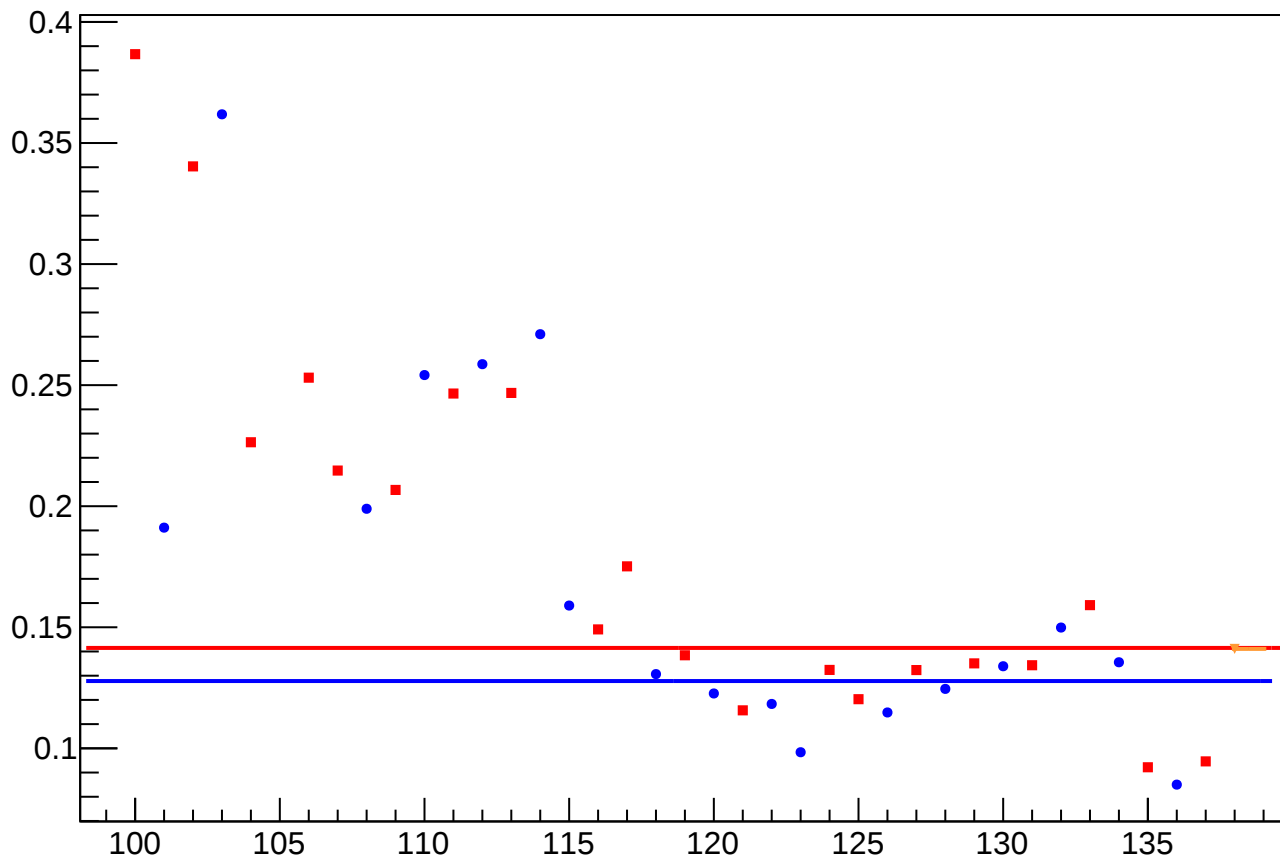
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.367+/-0.000 χ^2/NDF : 953314941.3/17

22.206+/-0.000 χ^2/NDF : 2041790656.8/3

22.007+/-0.000 χ^2/NDF : 1068683102.9/19

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.128+/-0.000 χ^2/NDF : 1492109.7/16

Left Out: 0.141+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.141+/-0.000 χ^2/NDF : 1452162.4/19

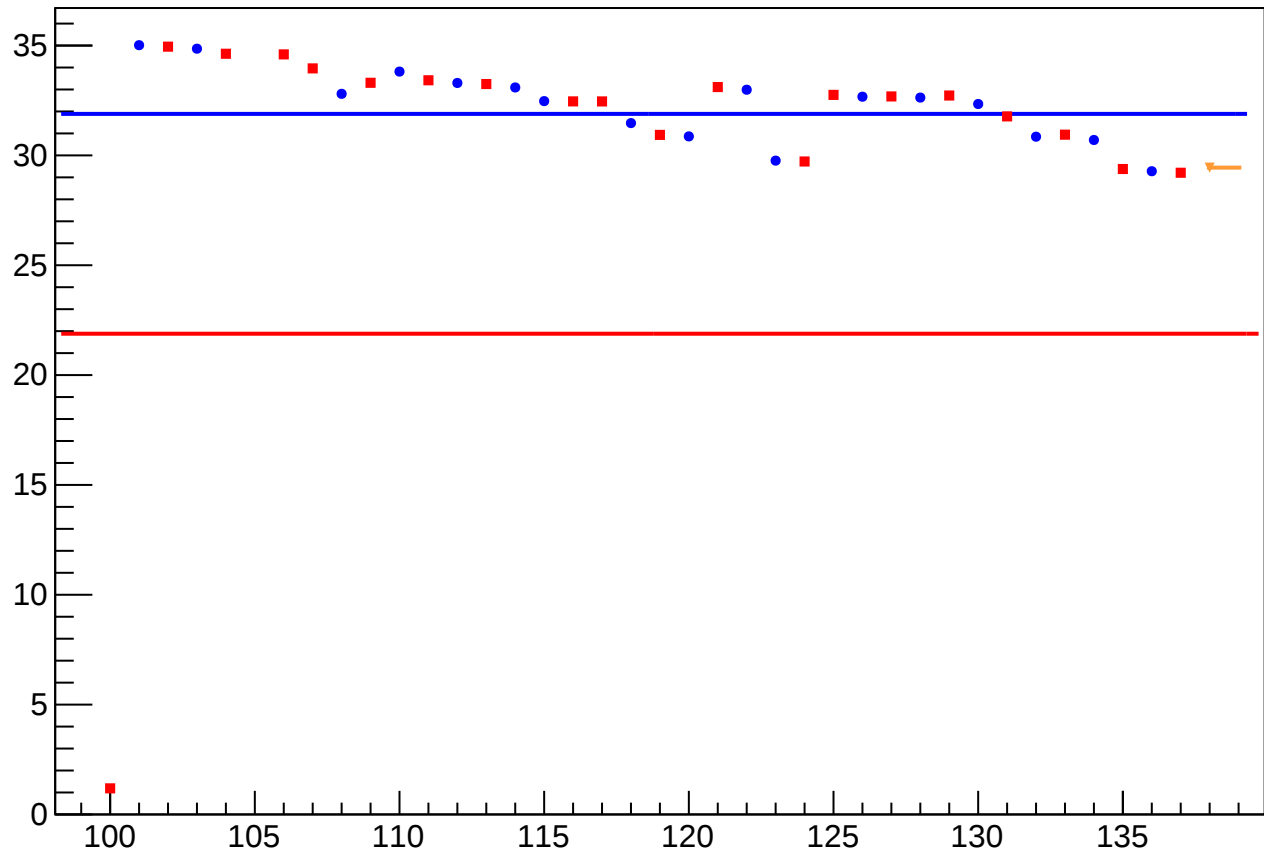
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.129+/-0.000 χ^2/NDF : 1502375.3/17

0.135+/-0.000 χ^2/NDF : 3001812.8/37

0.141+/-0.000 χ^2/NDF : 1452162.4/19

yield_sam3_mean vs Slug, Sign Corrected



Right In: 31.889 $\pm$ 0.000 χ^2 /NDF: 1930403776.3/16

Left Out: 29.443 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.883 $\pm$ 0.000 χ^2 /NDF: 230247118310.5/19

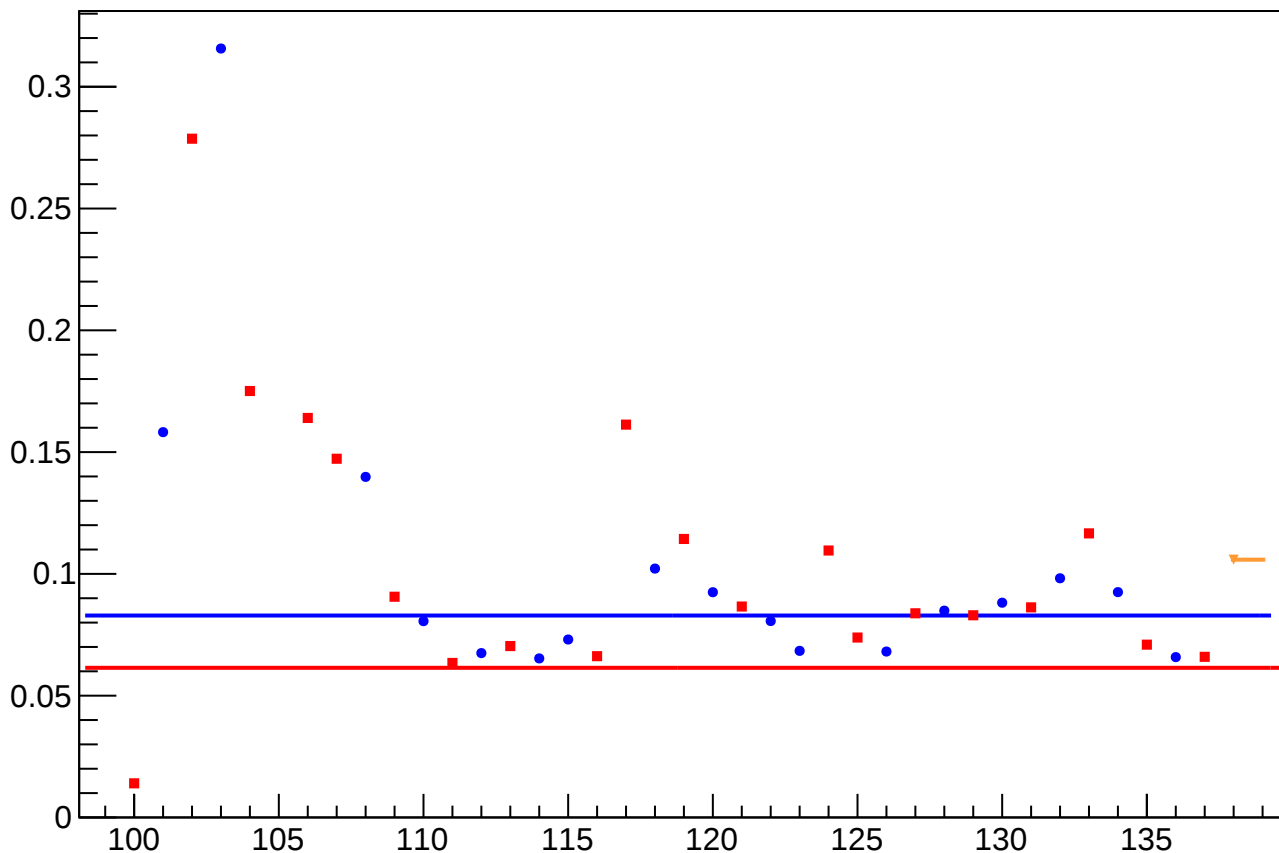
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

31.728 $\pm$ 0.000 χ^2 /NDF: 2210925982.3/17

25.990 $\pm$ 0.000 χ^2 /NDF: 275563640777.9

21.883 $\pm$ 0.000 χ^2 /NDF: 230247118310.5/19

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.083+/-0.000 χ^2/NDF : 1164452.3/16

Left Out: 0.106+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.061+/-0.000 χ^2/NDF : 3635656.2/19

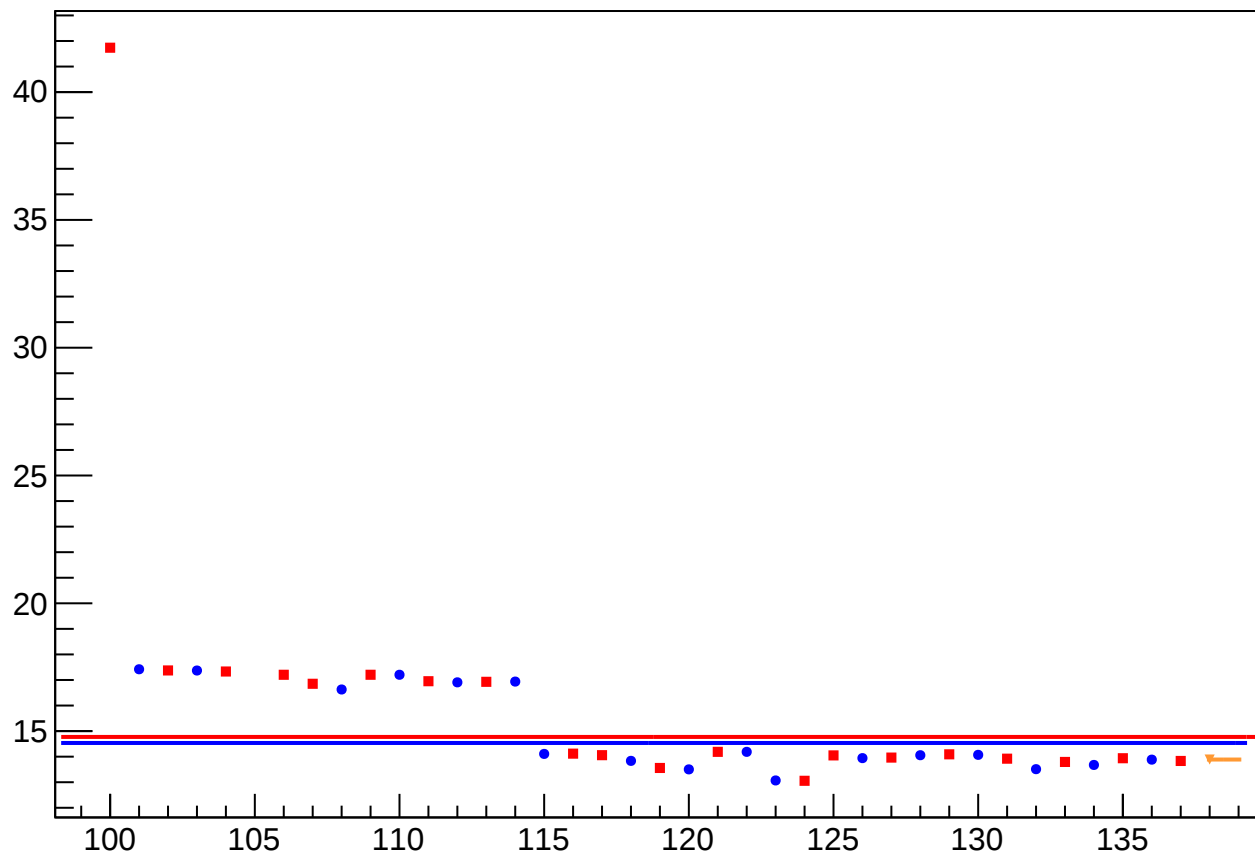
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.084+/-0.000 χ^2/NDF : 1213731.1/17

0.071+/-0.000 χ^2/NDF : 5318701.8/37

0.061+/-0.000 χ^2/NDF : 3635656.2/19

yield_sam4_mean vs Slug, Sign Corrected



Right In: 14.536+/-0.000 χ^2/NDF : 1470499792.7/16

Left Out: 13.888+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.772+/-0.000 χ^2/NDF : 1887789052.4/19

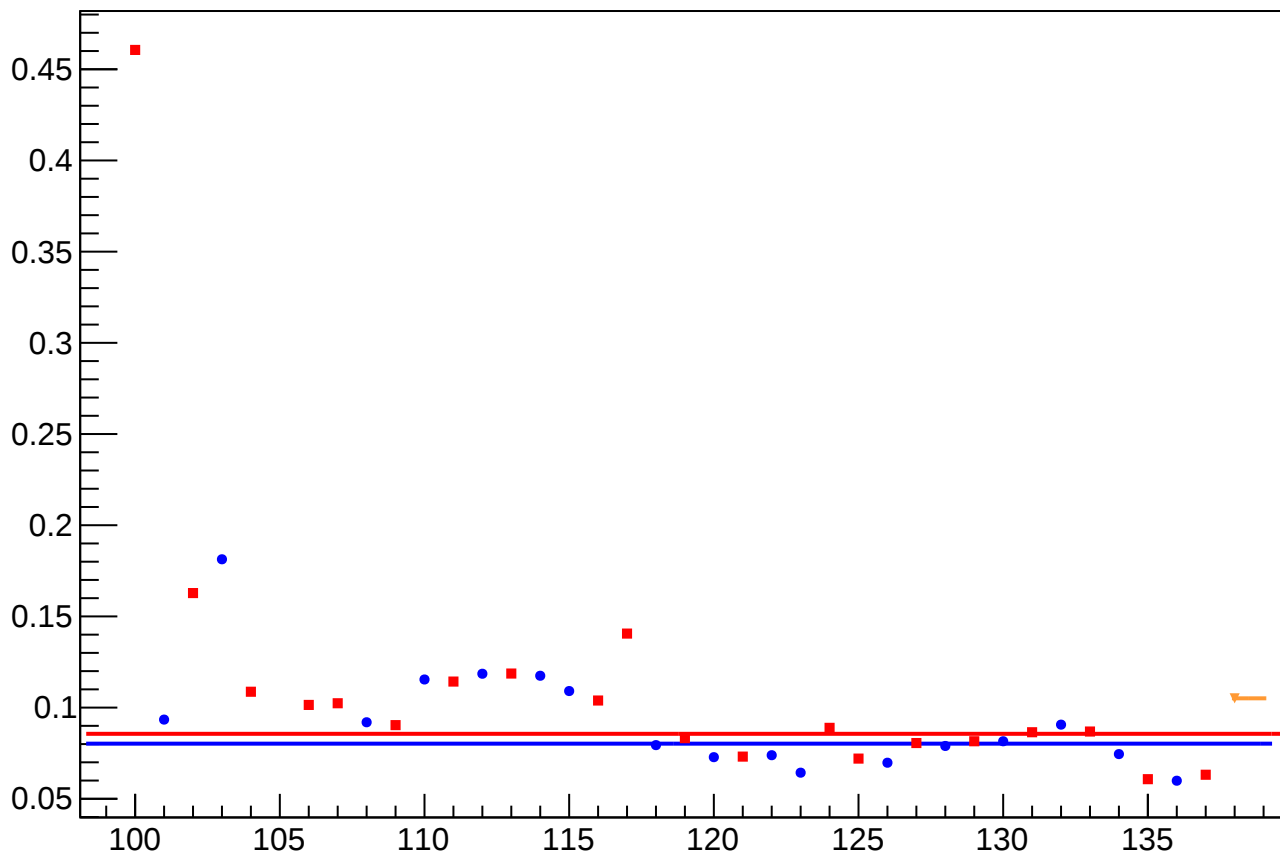
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14.494+/-0.000 χ^2/NDF : 1493360775.9/17

14.624+/-0.000 χ^2/NDF : 3414154245.8/3

14.772+/-0.000 χ^2/NDF : 1887789052.4/19

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.080+/-0.000 χ^2/NDF : 778734.5/16

Left Out: 0.105+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.086+/-0.000 χ^2/NDF : 750289.2/19

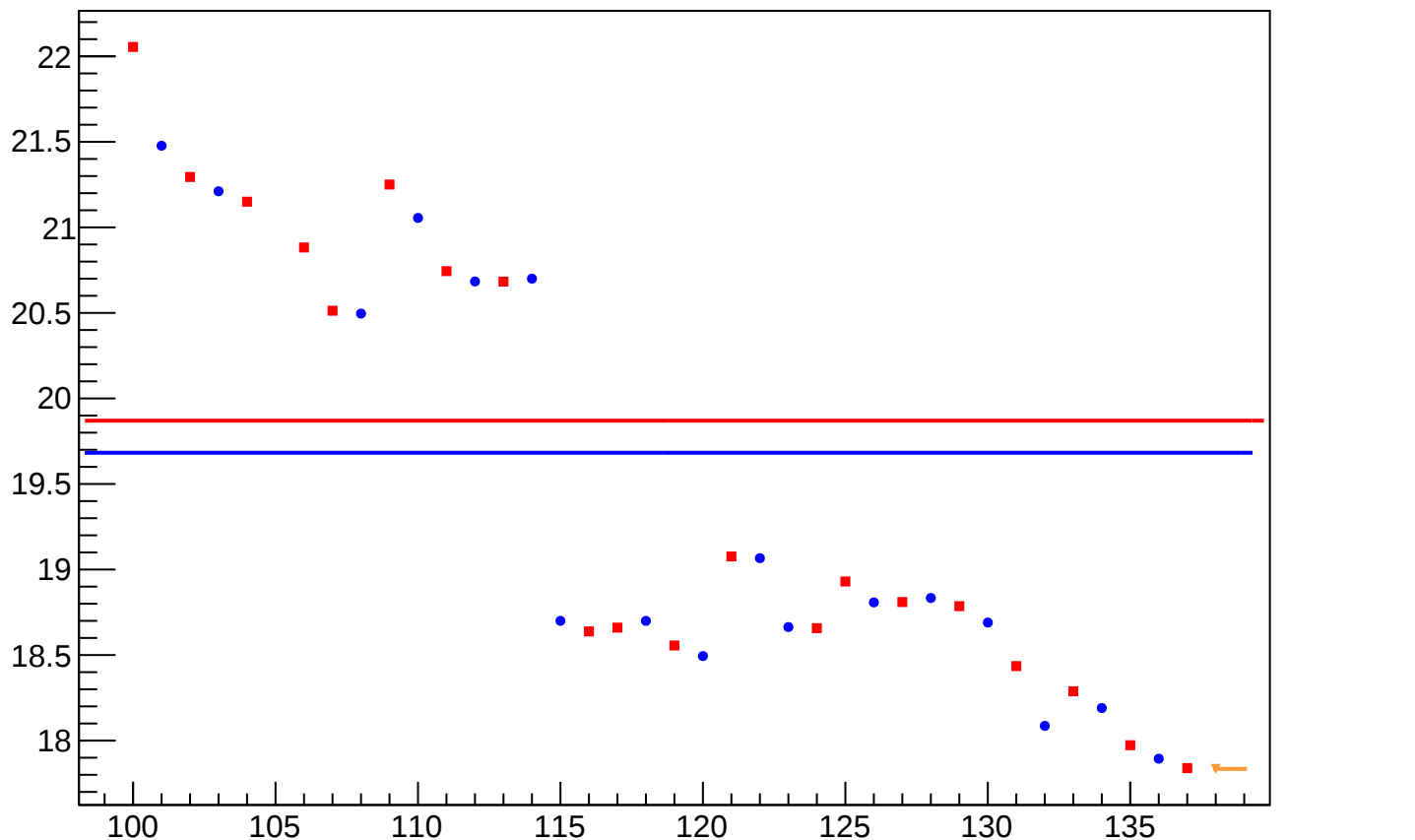
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.082+/-0.000 χ^2/NDF : 845989.4/17

0.084+/-0.000 χ^2/NDF : 1608780.2/37

0.086+/-0.000 χ^2/NDF : 750289.2/19

yield_sam5_mean vs Slug, Sign Corrected



Right In: 19.683+/-0.000 χ^2/NDF : 12276801857.2/16

Left Out: 17.835+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.870+/-0.000 χ^2/NDF : 11333011670.6/19

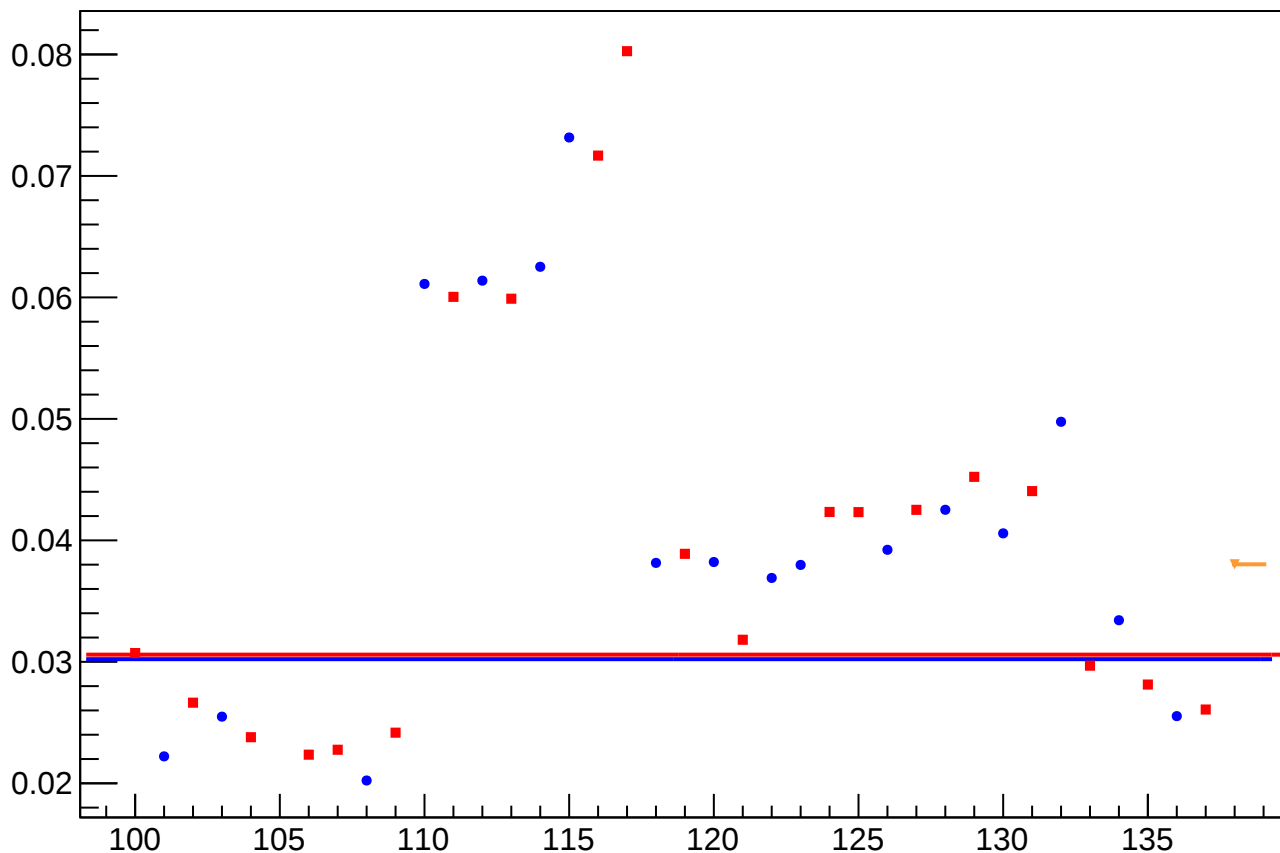
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

19.547+/-0.000 χ^2/NDF : 13805691709.3/17

19.705+/-0.000 χ^2/NDF : 25475482615.7/17

19.870+/-0.000 χ^2/NDF : 11333011670.6/19

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.030+/-0.000 χ^2/NDF : 1324518.2/16

Left Out: 0.038+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.031+/-0.000 χ^2/NDF : 1219224.0/19

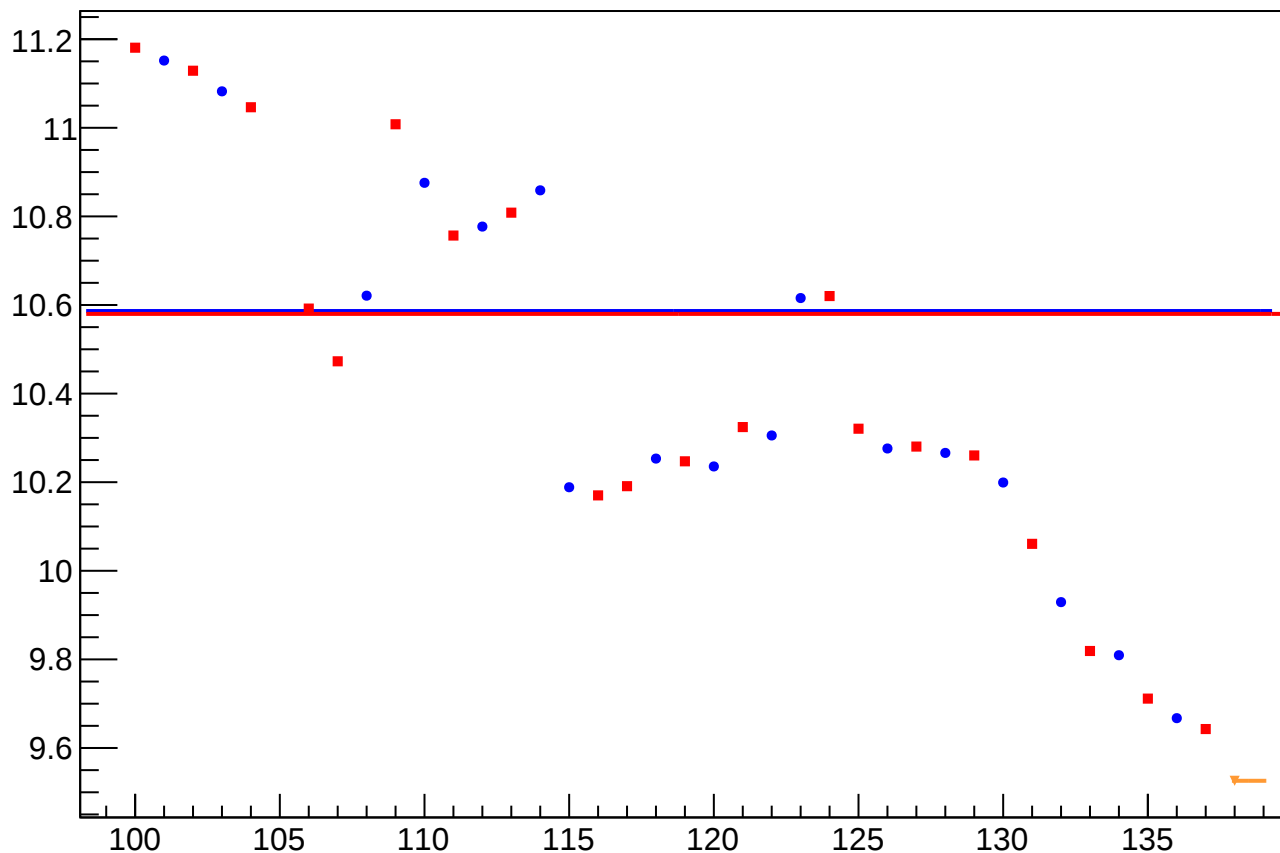
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.031+/-0.000 χ^2/NDF : 1379128.0/17

0.031+/-0.000 χ^2/NDF : 2598610.0/37

0.031+/-0.000 χ^2/NDF : 1219224.0/19

yield_sam6_mean vs Slug, Sign Corrected



Right In: 10.586+/-0.000 χ^2/NDF : 7420104563.4/16

Left Out: 9.526+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.580+/-0.000 χ^2/NDF : 5769007164.9/19

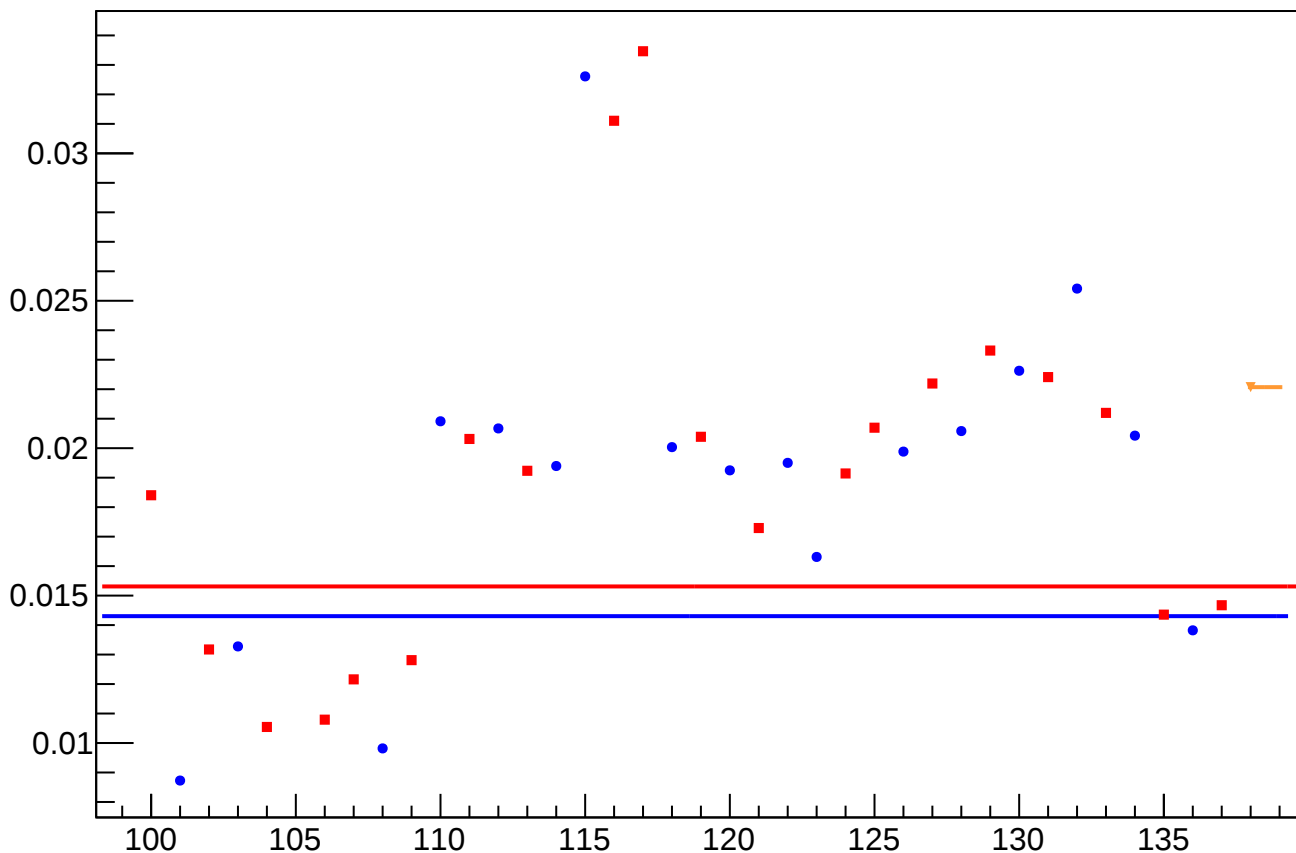
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.533+/-0.000 χ^2/NDF : 8894452166.0/17

10.556+/-0.000 χ^2/NDF : 14692446119.8/17

10.580+/-0.000 χ^2/NDF : 5769007164.9/19

yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1408012.0/16

Left Out: 0.022+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 1011477.2/19

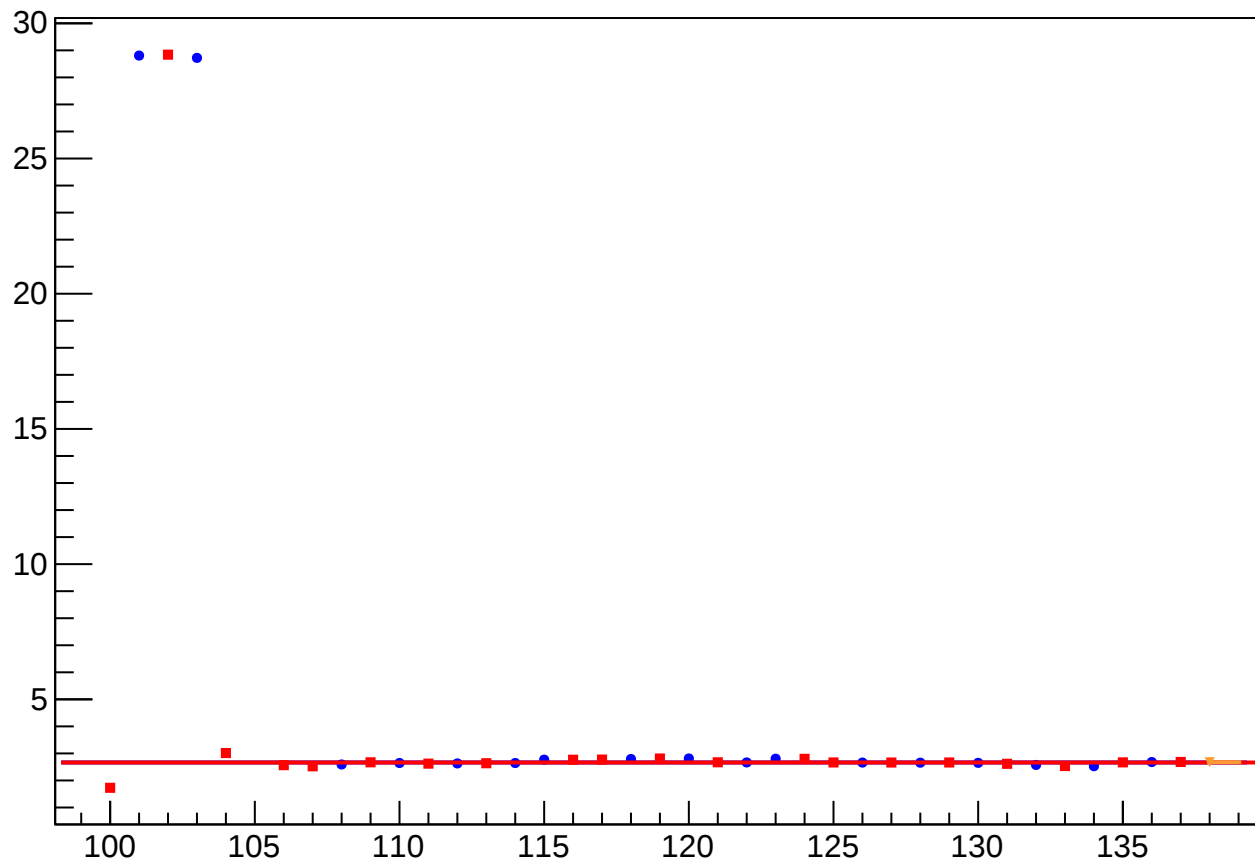
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 1566223.2/17

0.015+/-0.000 χ^2/NDF : 2587709.6/37

0.015+/-0.000 χ^2/NDF : 1011477.2/19

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.666+/-0.000 χ^2/NDF : 163167327359.4/16

Left Out: 2.674+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.664+/-0.000 χ^2/NDF : 70484048082.1/19

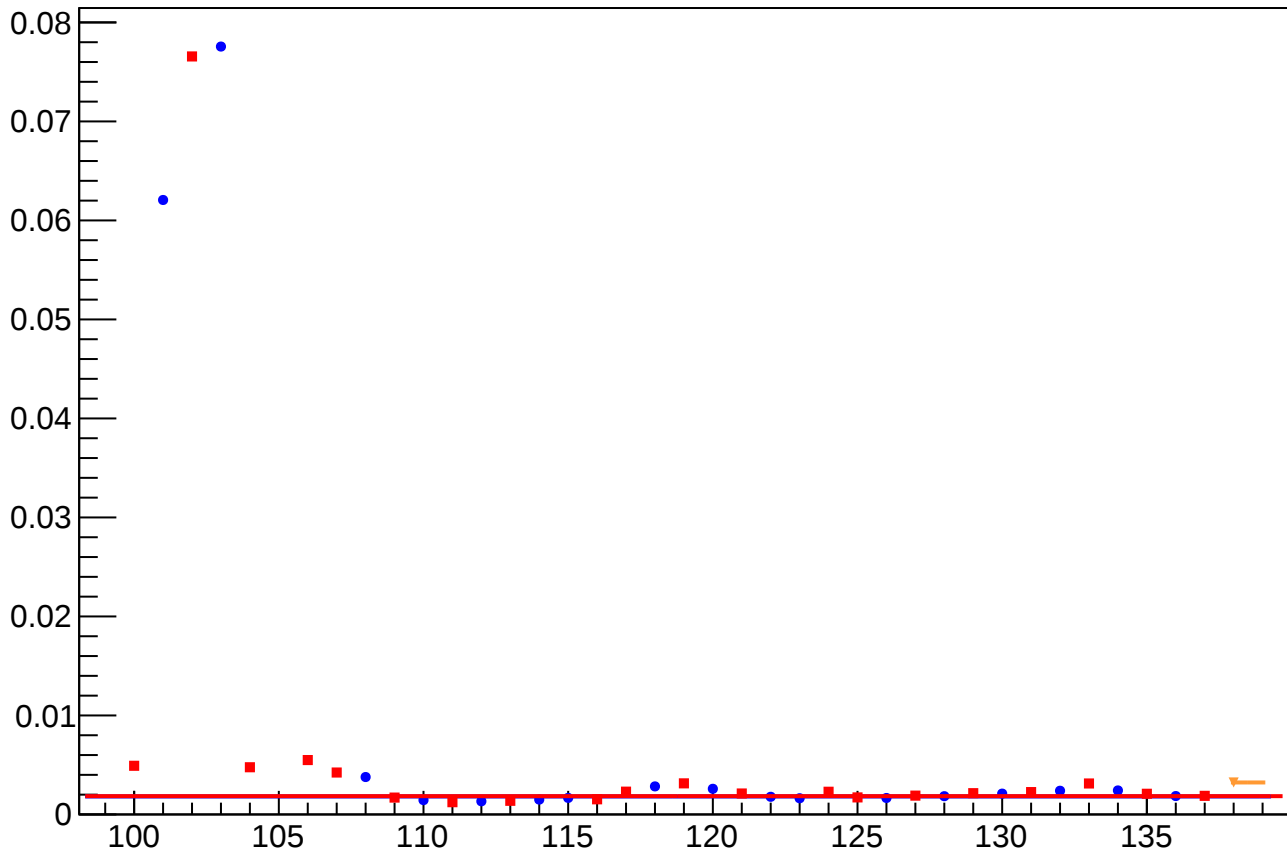
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.666+/-0.000 χ^2/NDF : 163171122529.8/17

2.665+/-0.000 χ^2/NDF : 233659016625.3/17

2.664+/-0.000 χ^2/NDF : 70484048082.1/19

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2661372.0/16

Left Out: 0.003+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2334243.7/19

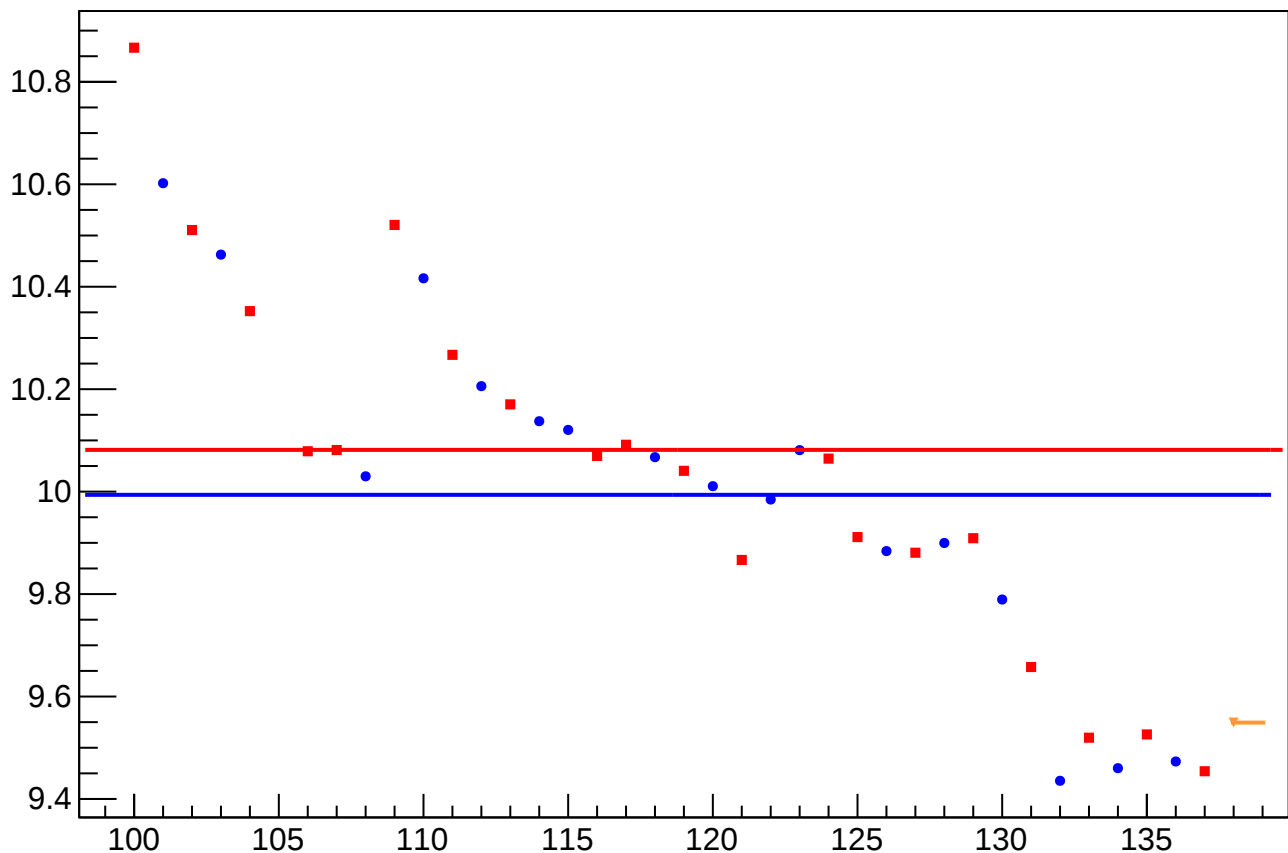
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 2886653.1/17

0.002+/-0.000 χ^2/NDF : 5222001.1/37

0.002+/-0.000 χ^2/NDF : 2334243.7/19

yield_sam8_mean vs Slug, Sign Corrected



Right In: 9.994+/-0.000 χ^2/NDF : 18815741664.6/16

Left Out: 9.549+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.082+/-0.000 χ^2/NDF : 15502760782.3/19

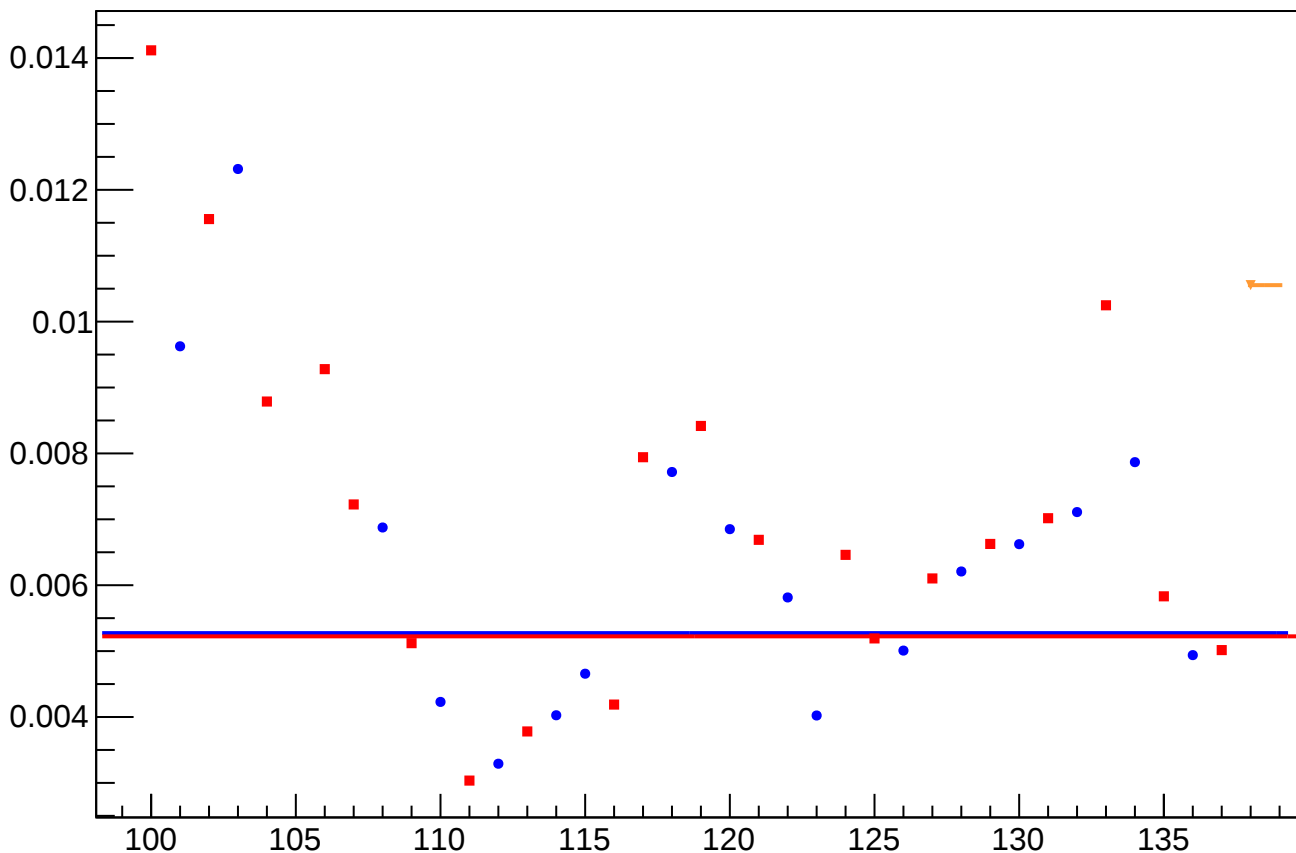
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.981+/-0.000 χ^2/NDF : 19853892932.9/17

10.032+/-0.000 χ^2/NDF : 36317547140.8/17

10.082+/-0.000 χ^2/NDF : 15502760782.3/19

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1245563.1/16

Left Out: 0.011+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1667515.0/19

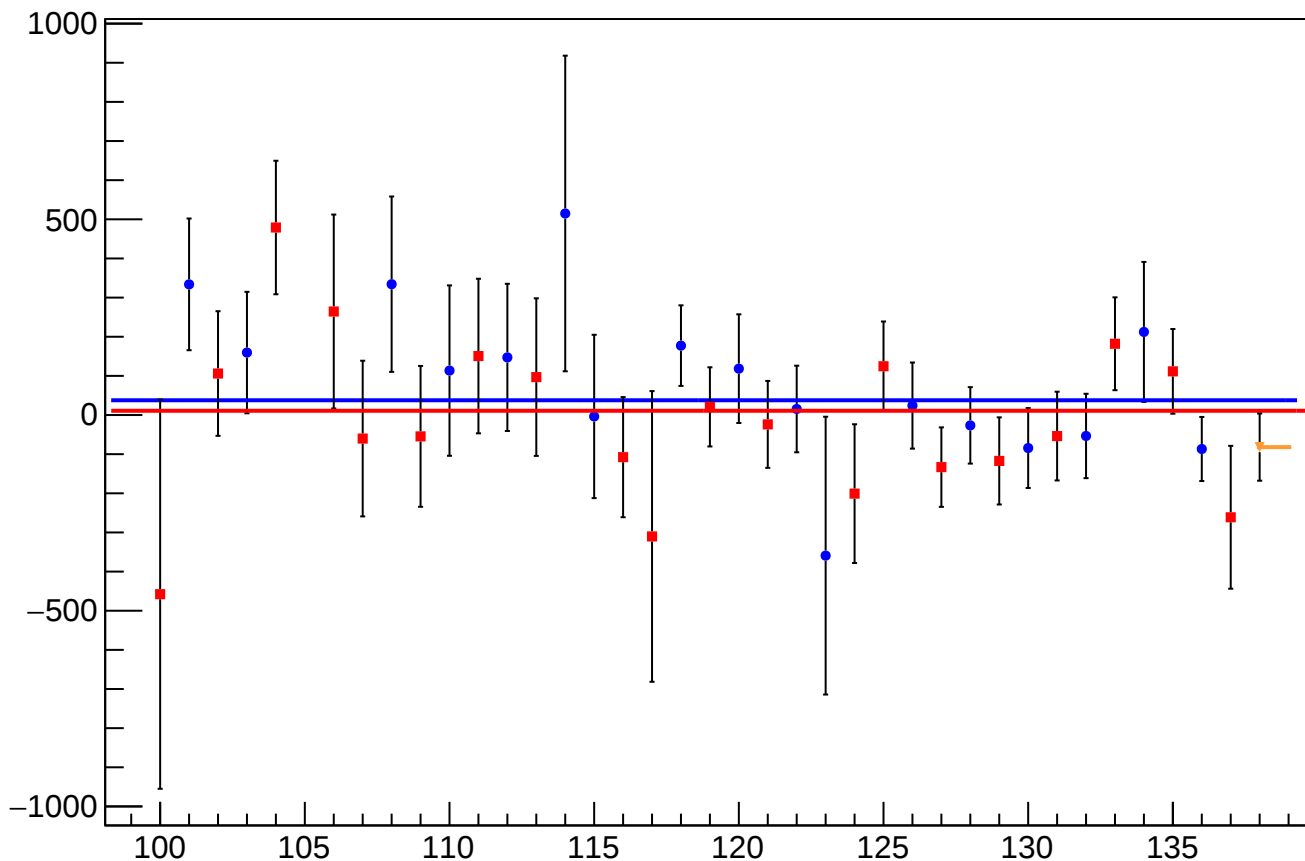
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 1538453.1/17

0.005+/-0.000 χ^2/NDF : 3213727.2/37

0.005+/-0.000 χ^2/NDF : 1667515.0/19

reg_asym_sam1_mean vs Slug, Sign Corrected



Right In: 37.694+/-32.253 χ^2/NDF : 16.7/16

Left Out: -82.013+/-85.825 χ^2/NDF : 0.0/0

Right Out: 10.884+/-31.947 χ^2/NDF : 23.5/19

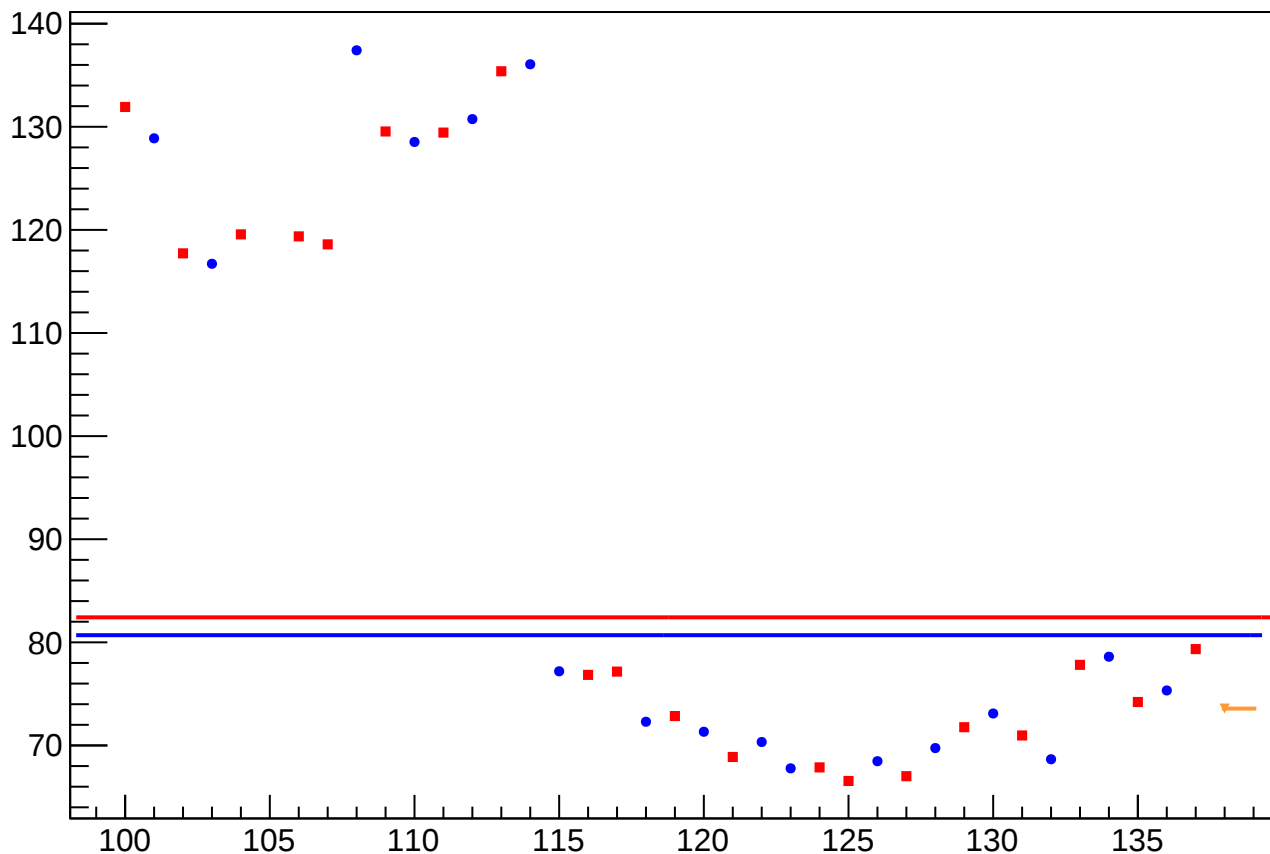
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.880+/-30.192 χ^2/NDF : 18.4/17

17.221+/-21.943 χ^2/NDF : 42.0/37

10.884+/-31.947 χ^2/NDF : 23.5/19

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 80.694 $\pm$ 0.023 χ^2 /NDF: 814026.4/16

Left Out: 73.575 $\pm$ 0.061 χ^2 /NDF: 0.0/0

Right Out: 82.424 $\pm$ 0.023 χ^2 /NDF: 915282.5/19

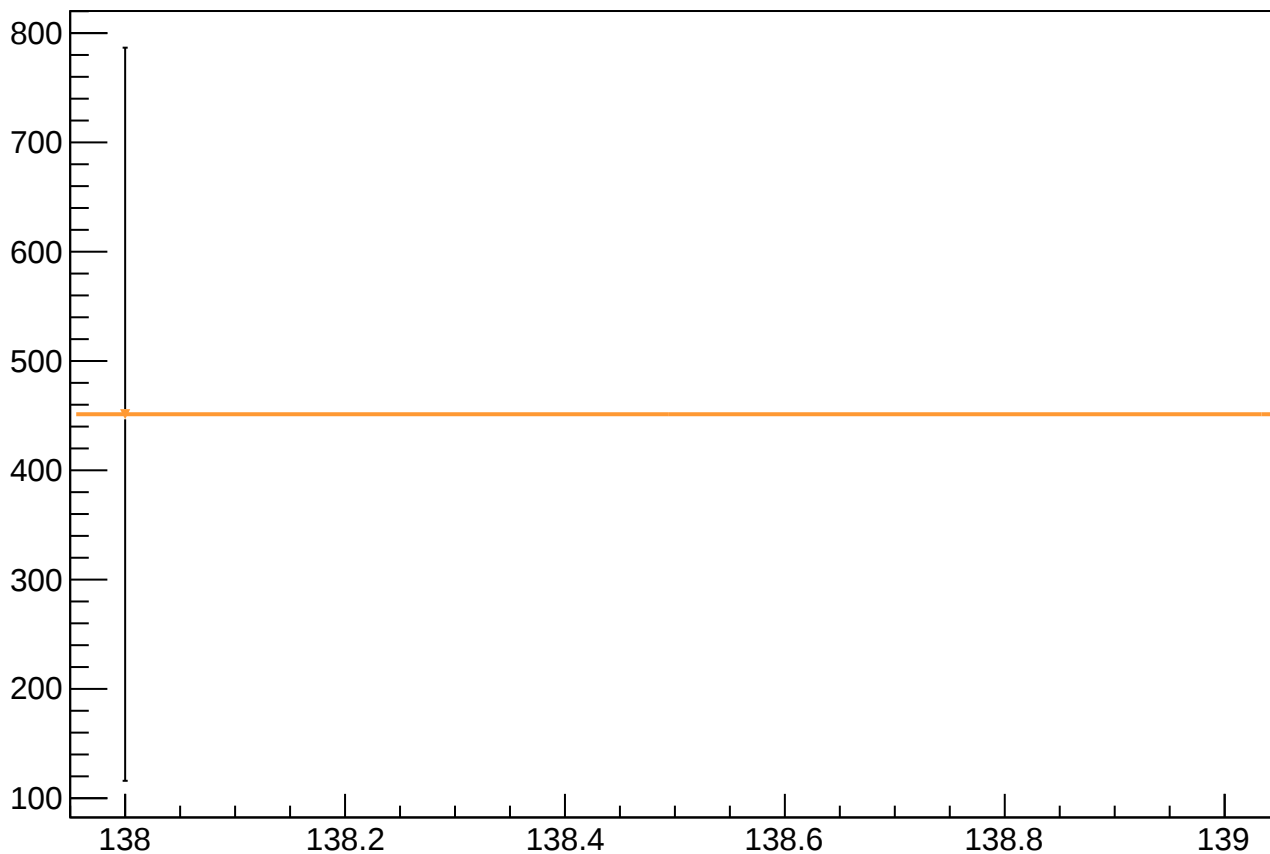
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

79.813 $\pm$ 0.021 χ^2 /NDF: 826086.3/17

81.045 $\pm$ 0.016 χ^2 /NDF: 1748426.5/37

82.424 $\pm$ 0.023 χ^2 /NDF: 915282.5/19

asym_sam1_correction_mean vs Slug, Sign Corrected



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

Left Out: 451.300+/-335.371 χ^2/NDF : 0.0/0

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

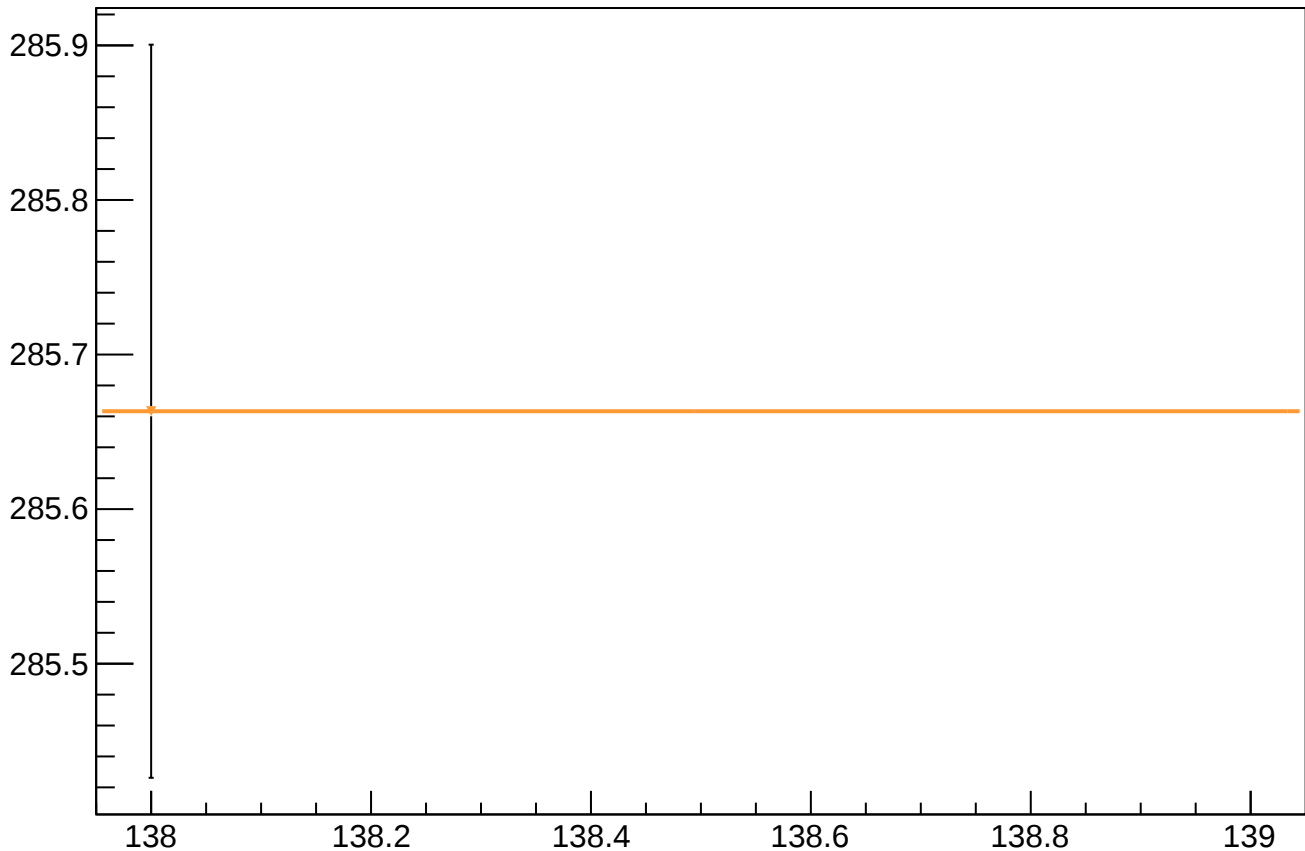
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

451.300+/-335.371 χ^2/NDF : 0.0/0

451.300+/-335.371 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: 285.663 ± 0.237 χ^2/NDF : 0.0/0

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

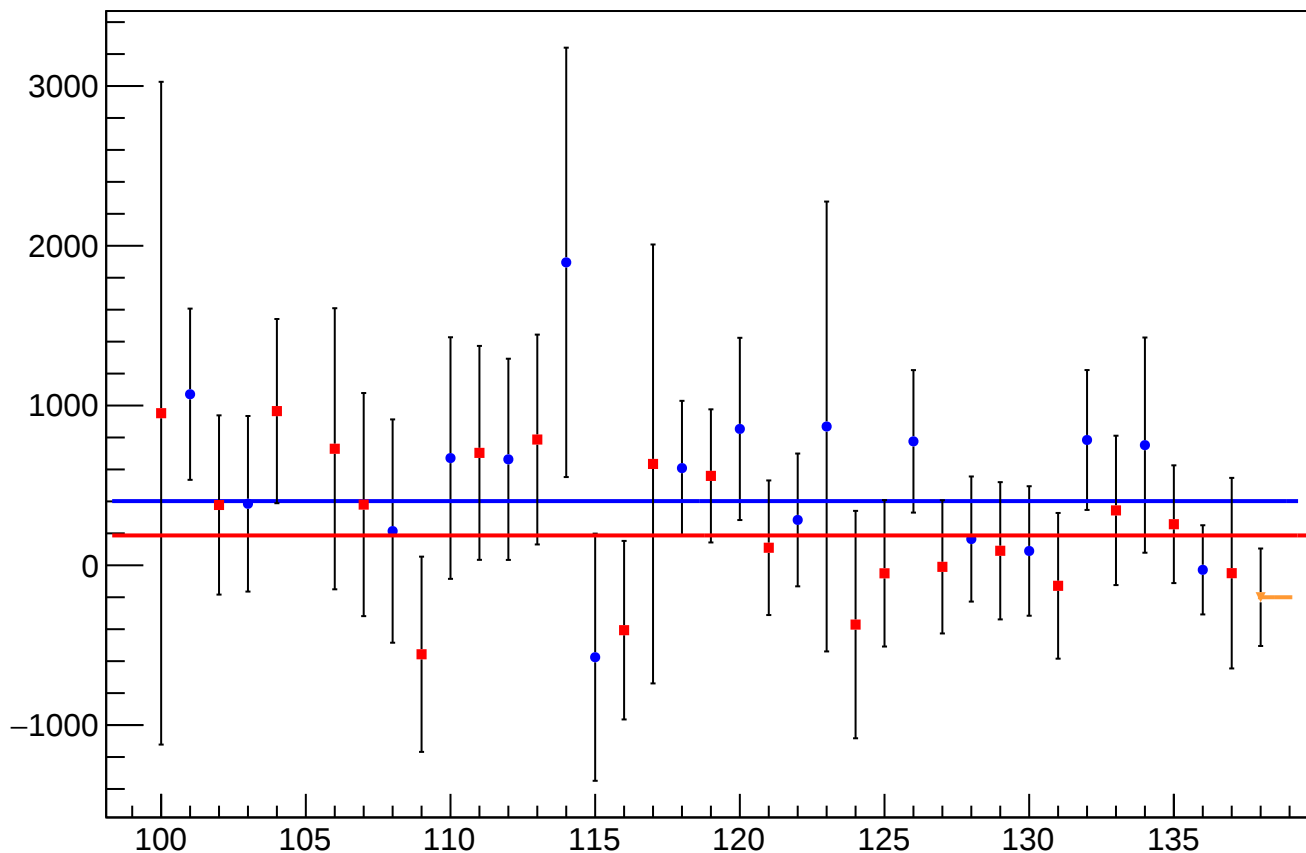
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

285.663 ± 0.237 χ^2/NDF : 0.0/0

285.663 ± 0.237 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: 401.871 $\pm$ 121.048 χ^2 /NDF: 10.9/16

Left Out: -199.954 $\pm$ 305.057 χ^2 /NDF: 0.0/0

Right Out: 186.914 $\pm$ 119.879 χ^2 /NDF: 9.4/19

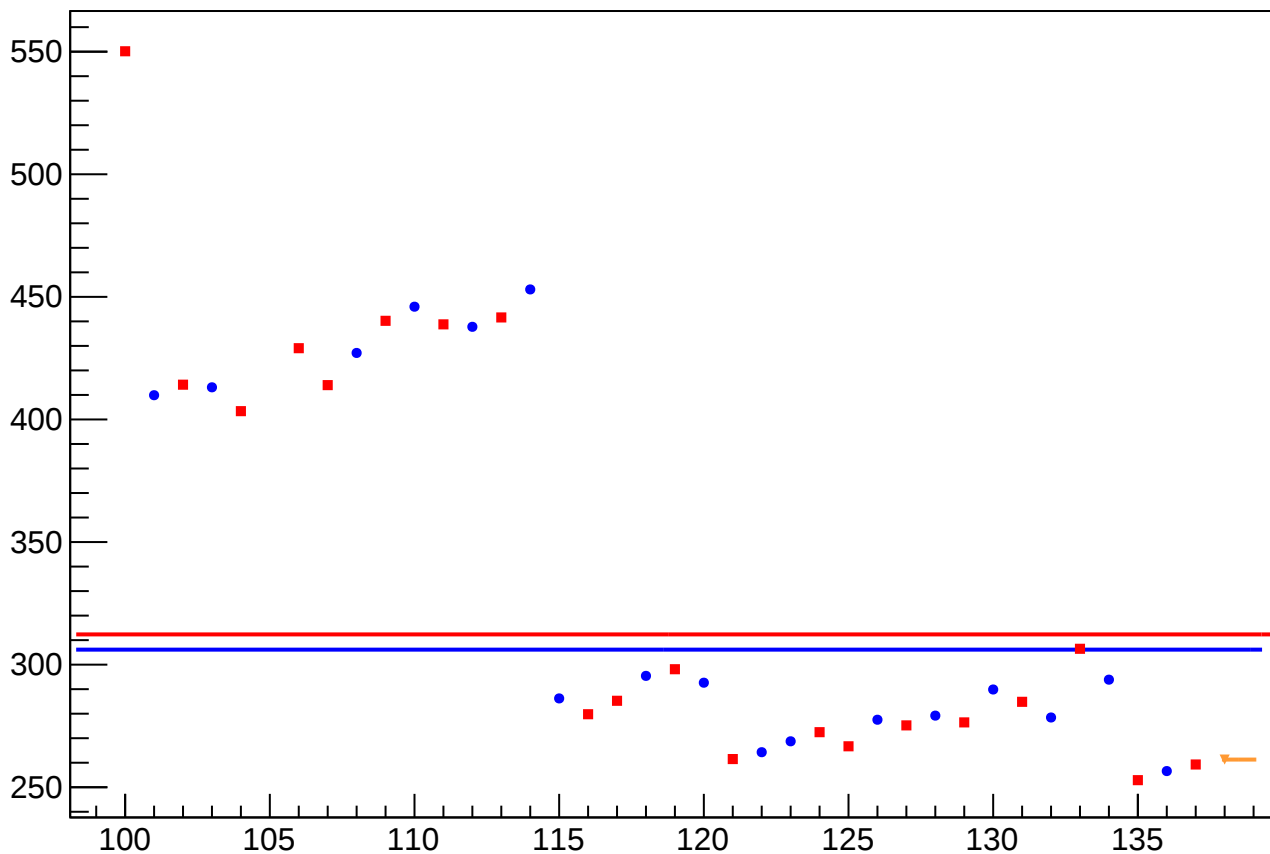
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

320.003 $\pm$ 112.513 χ^2 /NDF: 14.3/17

257.672 $\pm$ 82.039 χ^2 /NDF: 24.4/37

186.914 $\pm$ 119.879 χ^2 /NDF: 9.4/19

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 306.123+/-0.086 χ^2/NDF : 508435.8/16

Left Out: 261.287+/-0.216 χ^2/NDF : 0.0/0

Right Out: 312.335+/-0.085 χ^2/NDF : 626552.3/19

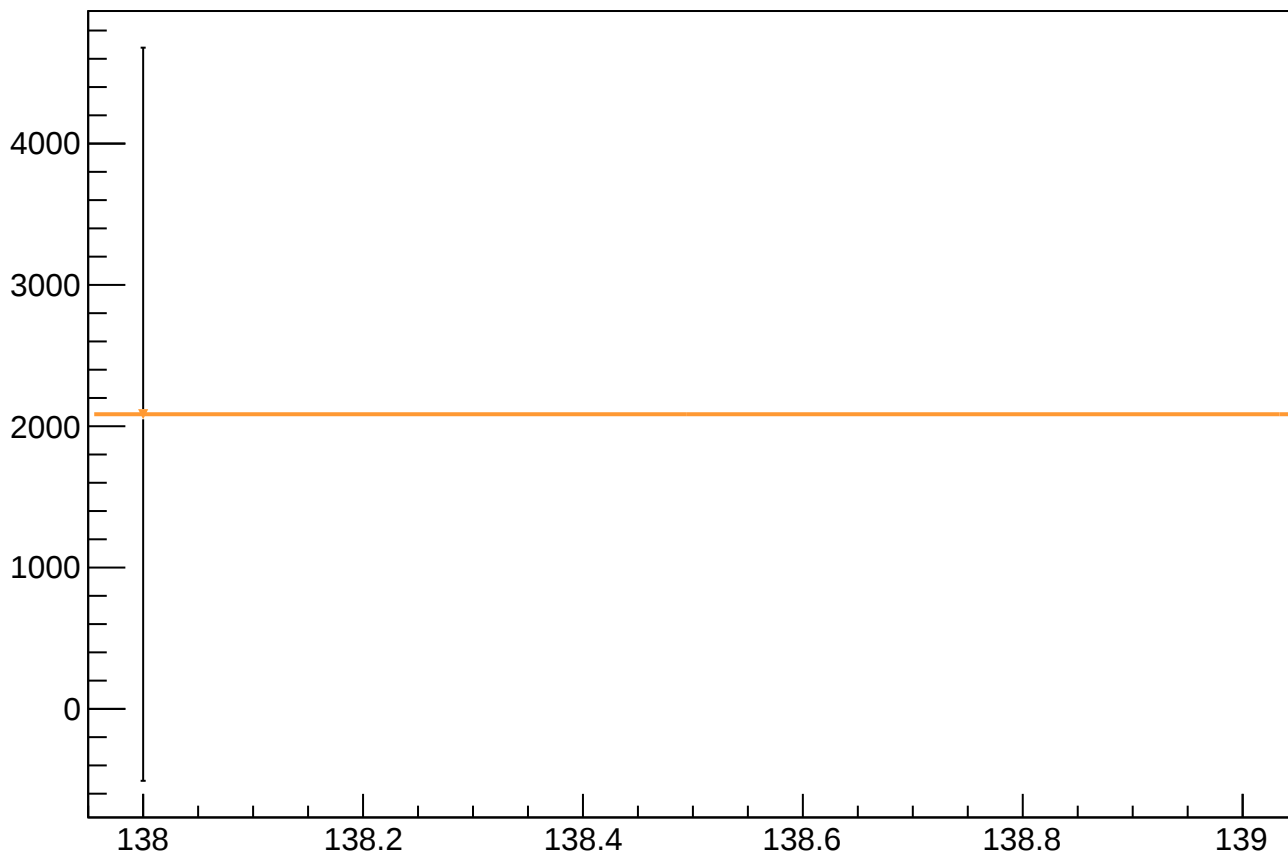
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

300.024+/-0.080 χ^2/NDF : 545762.9/17

305.790+/-0.058 χ^2/NDF : 1183528.5/37

312.335+/-0.085 χ^2/NDF : 626552.3/19

asym_sam2_correction_mean vs Slug, Sign Corrected



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

Left Out: 2084.942+/-2593.755 χ^2/NDF : 0.0/0

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

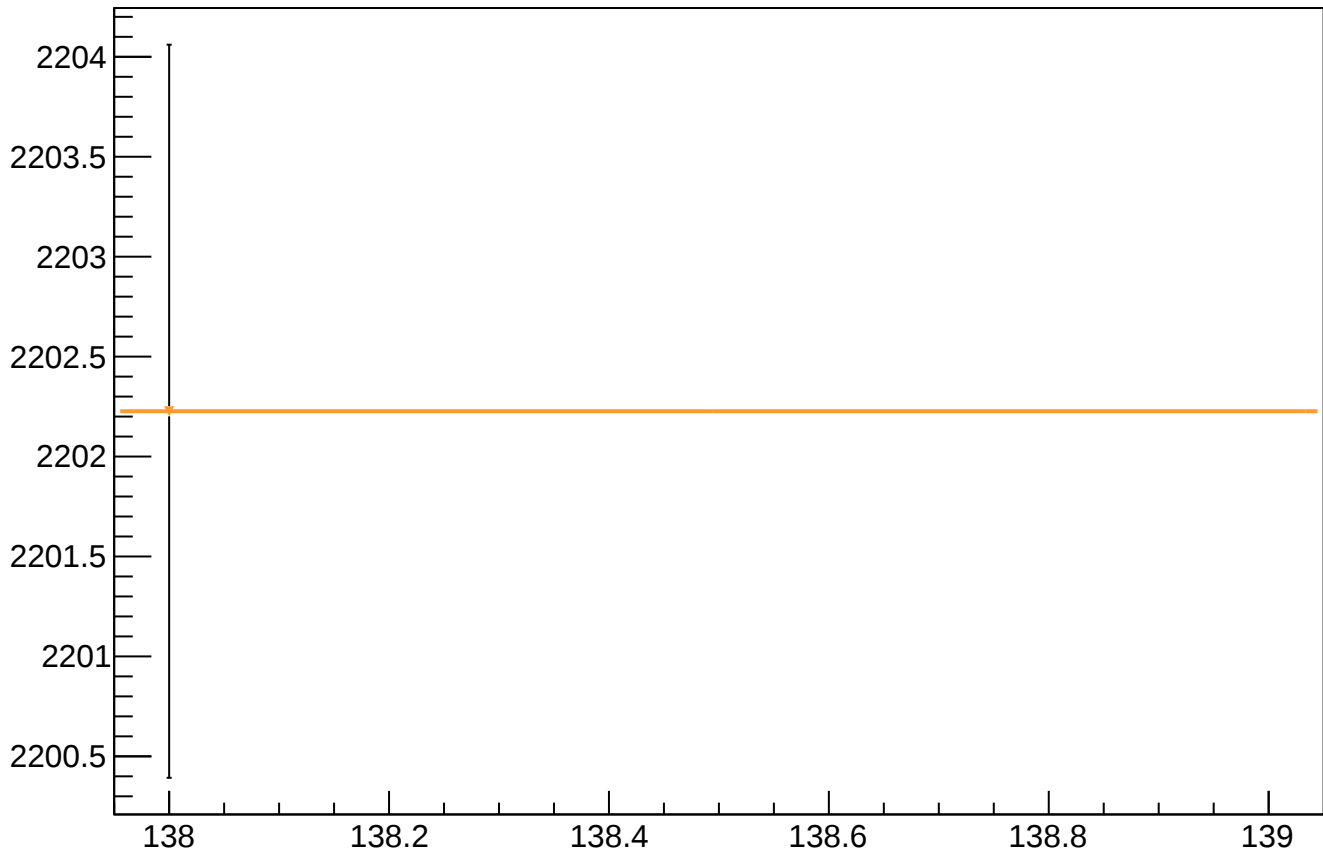
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2084.942+/-2593.755 χ^2/NDF : 0.0/0

2084.942+/-2593.755 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: 2202.227+/-1.834 χ^2/NDF : 0.0/0

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

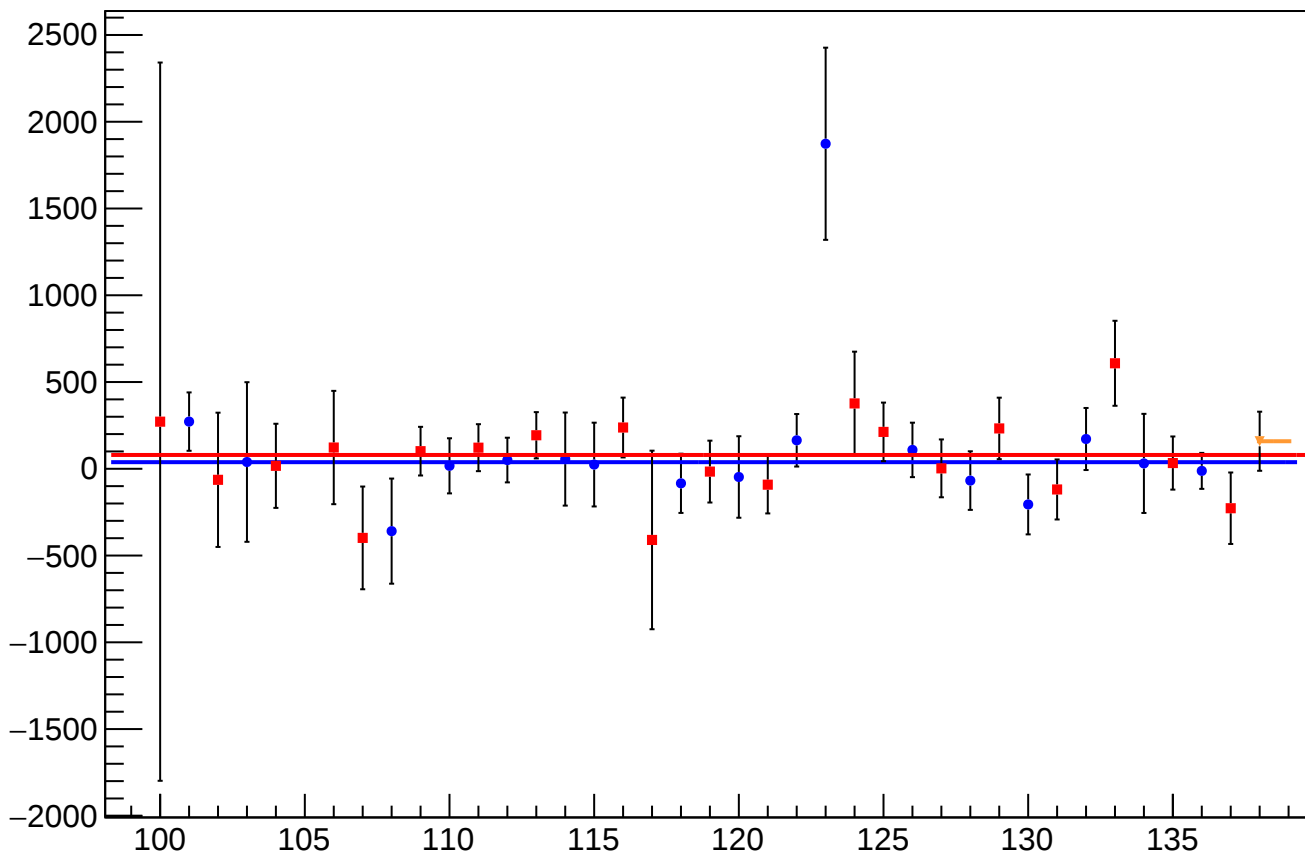
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2202.227+/-1.834 χ^2/NDF : 0.0/0

2202.227+/-1.834 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: 38.126+/-43.548 χ^2/NDF : 19.4/16

Left Out: 158.769+/-170.298 χ^2/NDF : 0.0/0

Right Out: 79.665+/-42.948 χ^2/NDF : 17.6/19

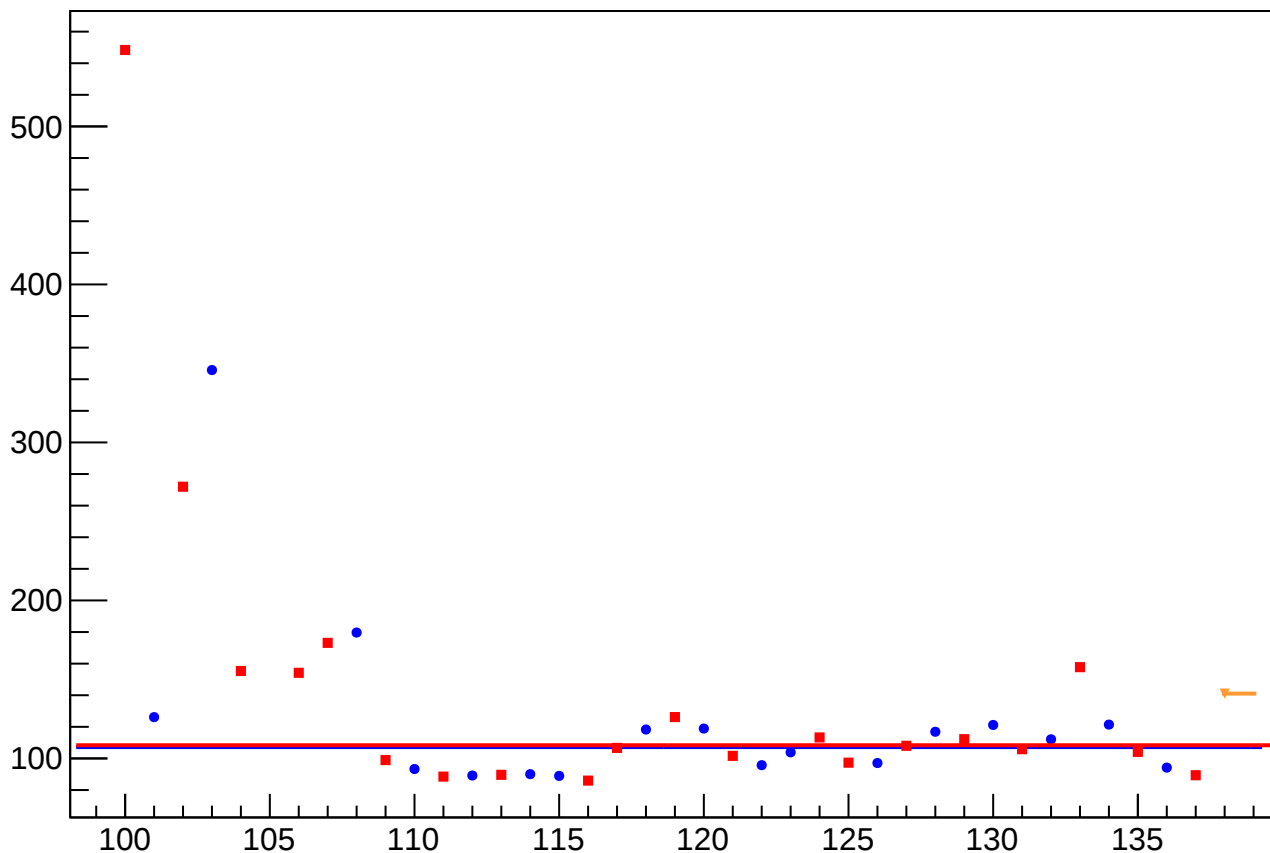
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

45.531+/-42.190 χ^2/NDF : 19.9/17

62.294+/-30.097 χ^2/NDF : 37.8/37

79.665+/-42.948 χ^2/NDF : 17.6/19

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 107.189 $\pm$ 0.031 χ^2 /NDF: 843115.1/16

Left Out: 141.038 $\pm$ 0.120 χ^2 /NDF: 0.0/0

Right Out: 108.347 $\pm$ 0.030 χ^2 /NDF: 917309.2/19

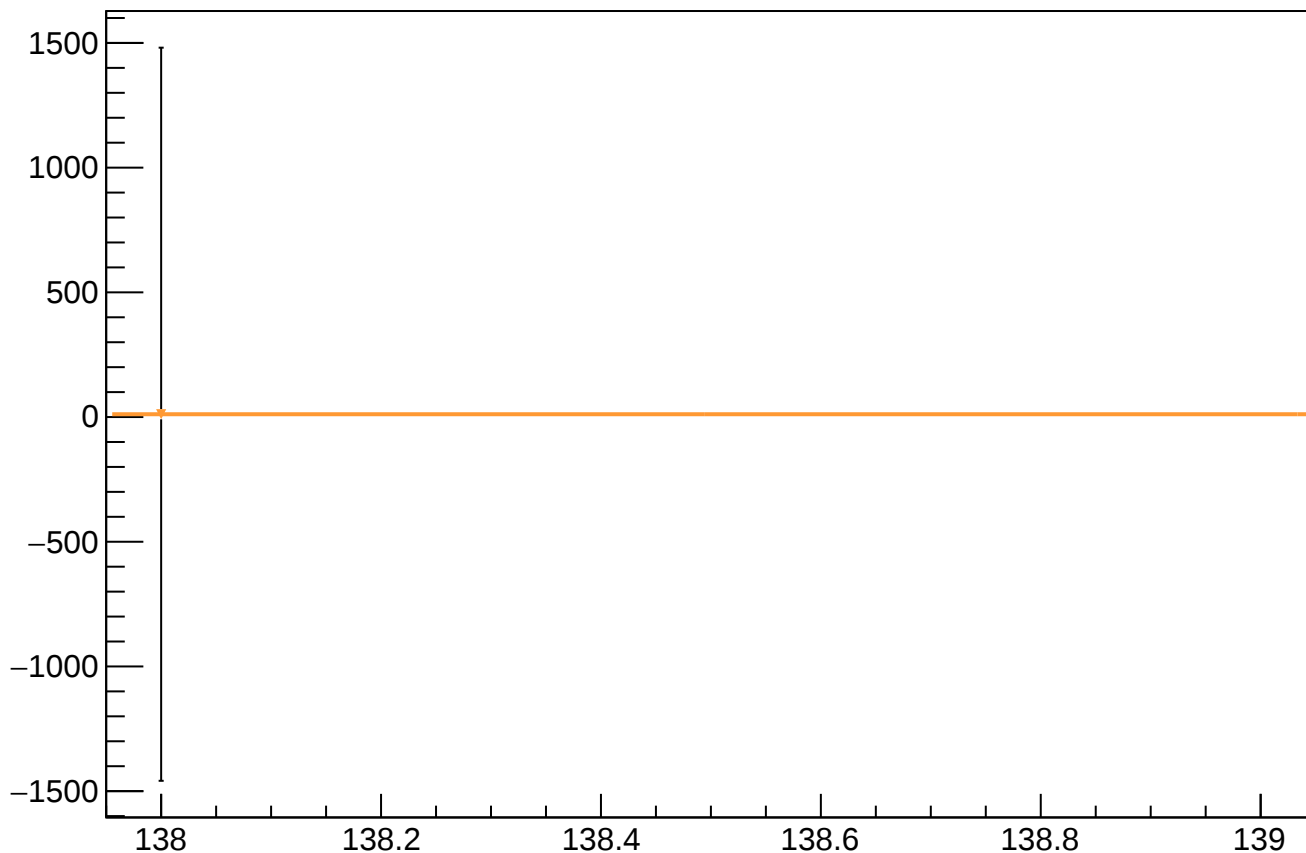
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

109.267 $\pm$ 0.030 χ^2 /NDF: 917280.7/17

108.815 $\pm$ 0.021 χ^2 /NDF: 1835056.4/37

108.347 $\pm$ 0.030 χ^2 /NDF: 917309.2/19

asym_sam3_correction_mean vs Slug, Sign Corrected



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

Left Out: 11.278+/-1469.768 χ^2/NDF : 0.0/0

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

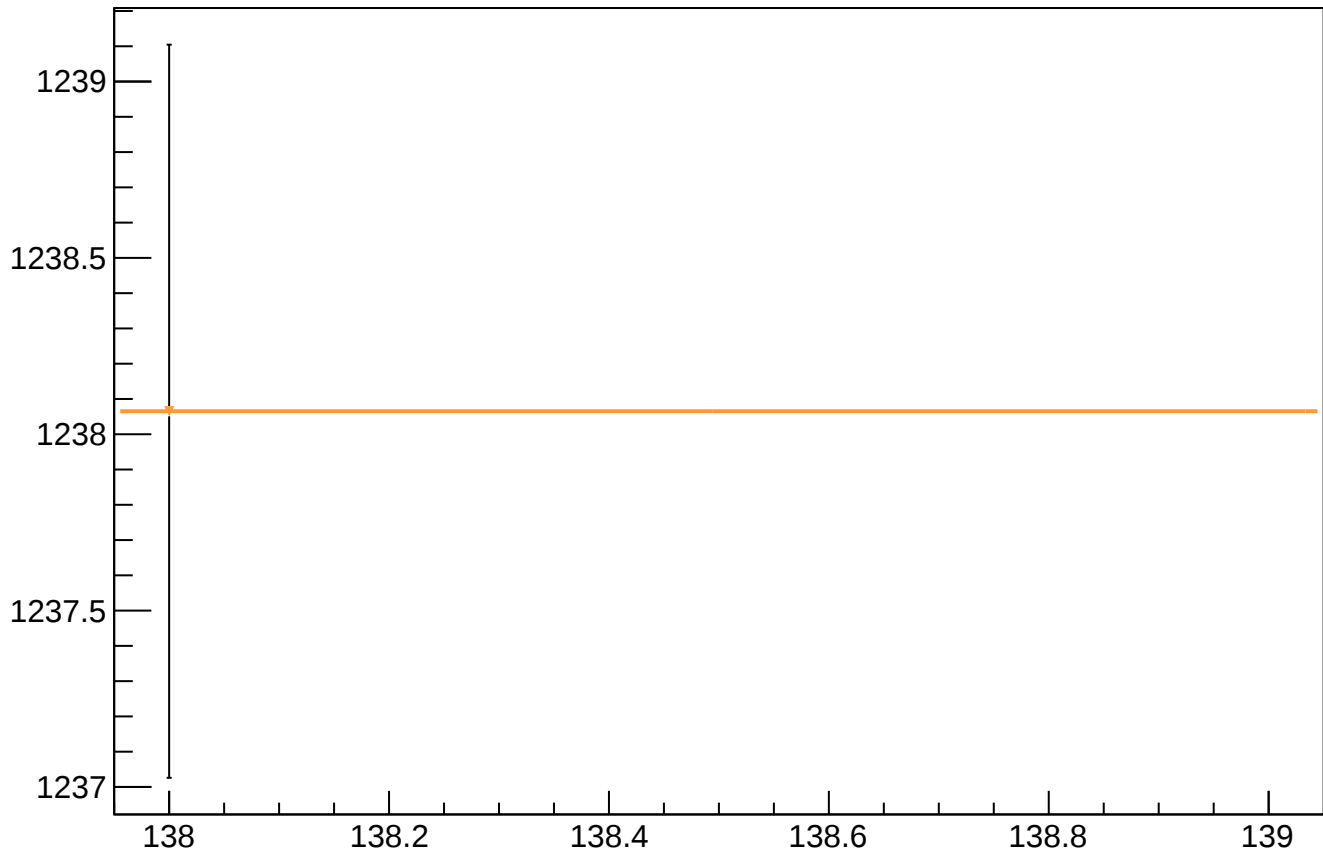
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11.278+/-1469.768 χ^2/NDF : 0.0/0

11.278+/-1469.768 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: 1238.065 +/- 1.039 χ^2/NDF : 0.0/0

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

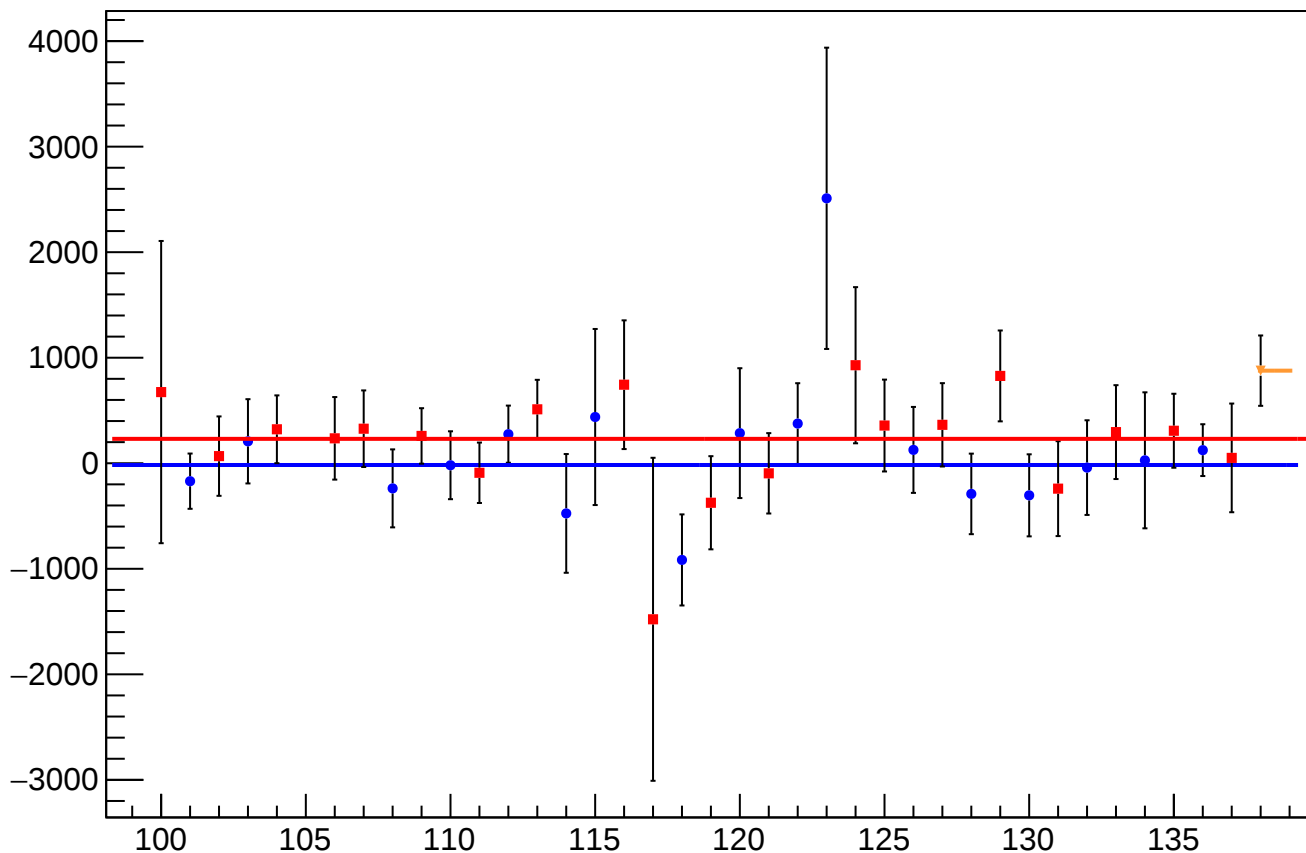
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

1238.065 +/- 1.039 χ^2/NDF : 0.0/0

1238.065 +/- 1.039 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: -16.459 $\pm$ 93.285 χ^2 /NDF: 13.4/16

Left Out: 877.408 $\pm$ 333.338 χ^2 /NDF: 0.0/0

Right Out: 231.209 $\pm$ 88.787 χ^2 /NDF: 11.6/19

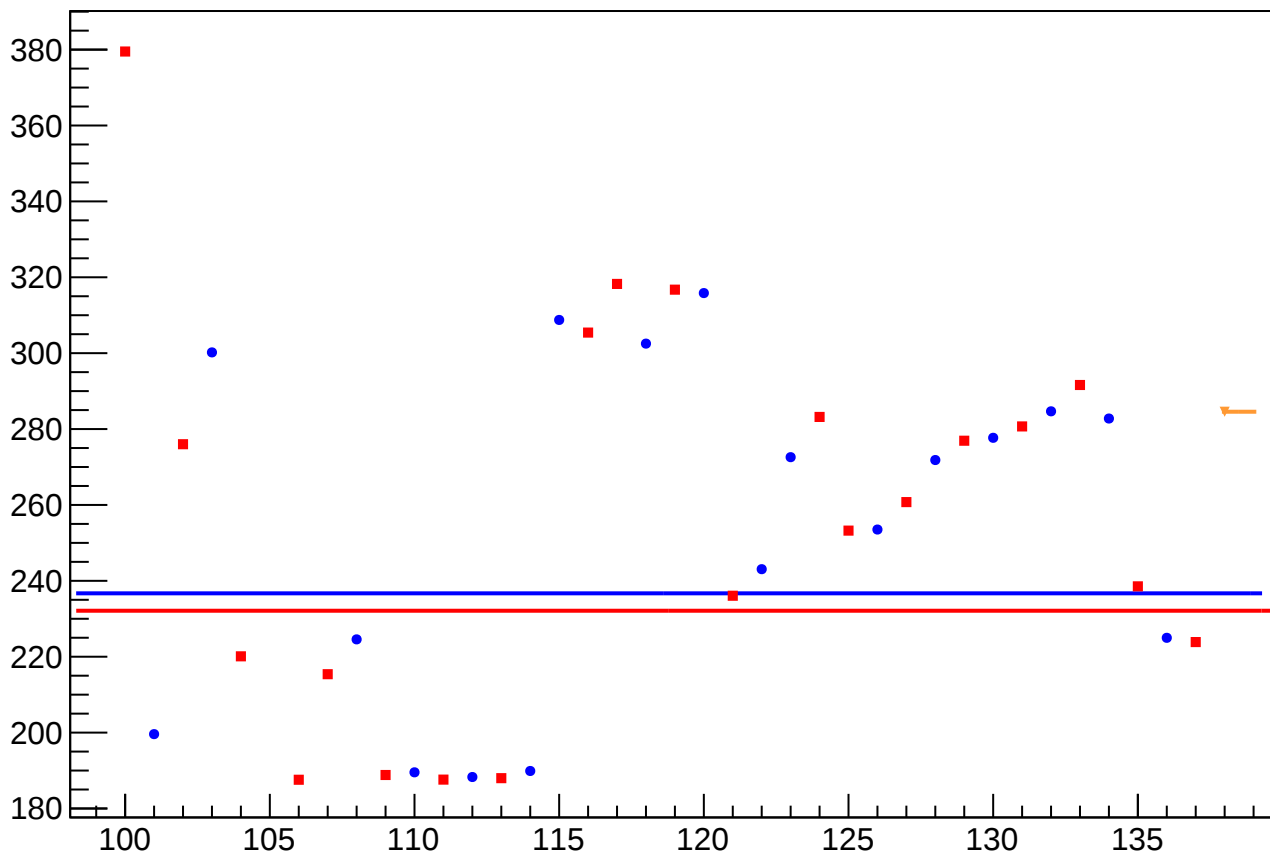
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

48.460 $\pm$ 89.833 χ^2 /NDF: 20.1/17

140.905 $\pm$ 63.149 χ^2 /NDF: 33.8/37

231.209 $\pm$ 88.787 χ^2 /NDF: 11.6/19

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 236.706 $\pm$ 0.066 χ^2 /NDF: 390344.9/16

Left Out: 284.567 $\pm$ 0.236 χ^2 /NDF: 0.0/0

Right Out: 232.119 $\pm$ 0.063 χ^2 /NDF: 449633.1/19

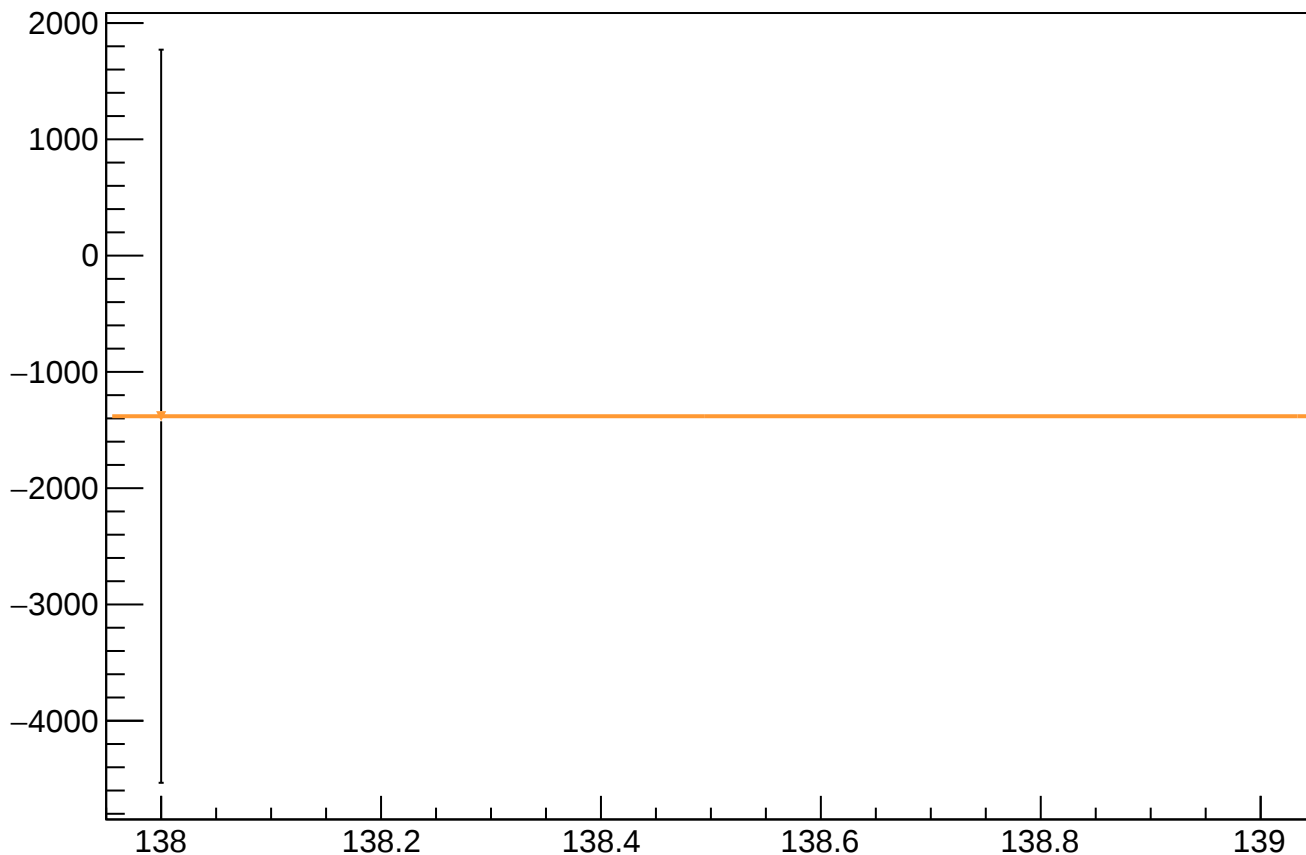
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

240.182 $\pm$ 0.064 χ^2 /NDF: 428580.9/17

236.104 $\pm$ 0.045 χ^2 /NDF: 886364.5/37

232.119 $\pm$ 0.063 χ^2 /NDF: 449633.1/19

asym_sam4_correction_mean vs Slug, Sign Corrected



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

Left Out: -1381.263+/-3152.246 χ^2/NDF : 0.0/0

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

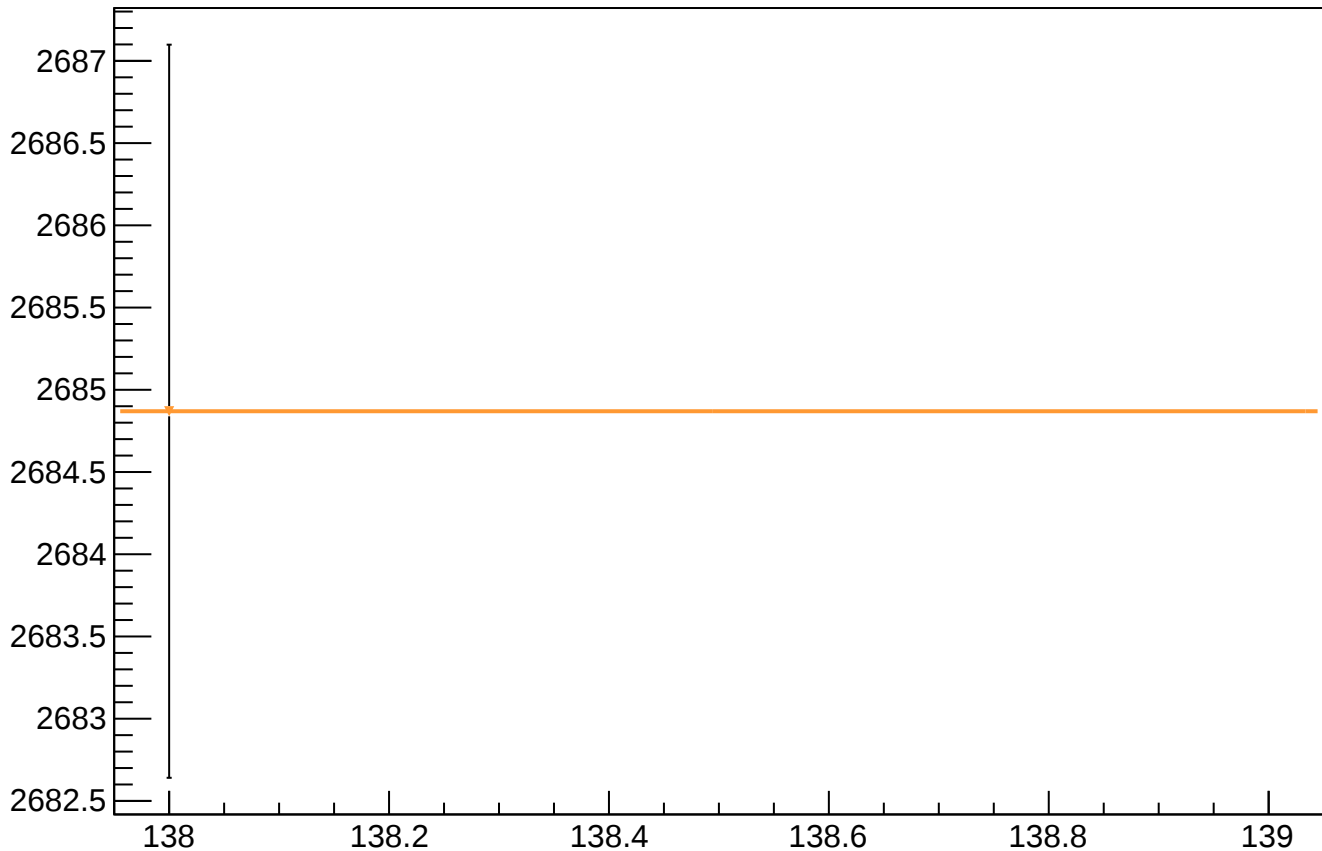
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1381.263+/-3152.246 χ^2/NDF : 0.0/0

-1381.263+/-3152.246 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: 2684.870+/-2.229 χ^2/NDF : 0.0/0

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

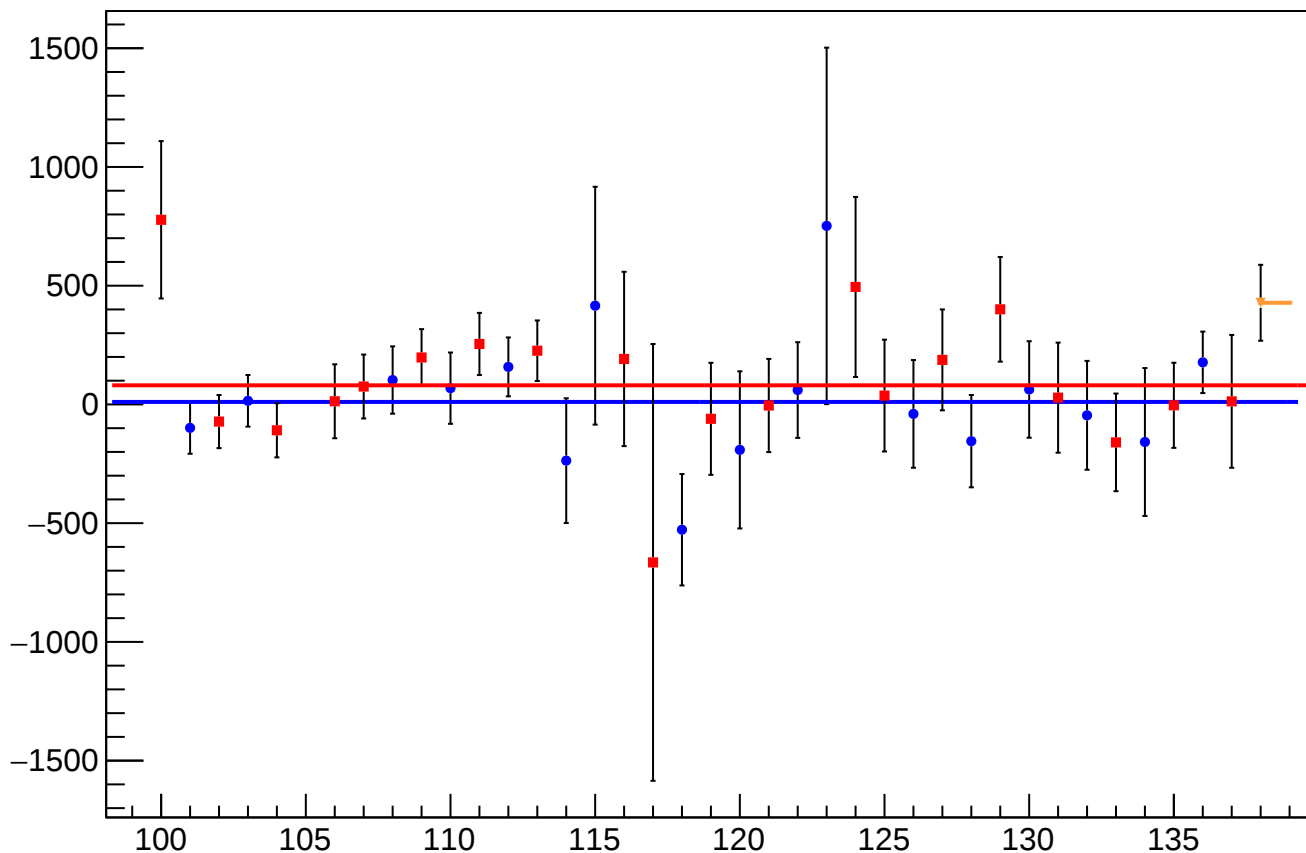
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2684.870+/-2.229 χ^2/NDF : 0.0/0

2684.870+/-2.229 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: 10.530+/-42.294 χ^2/NDF : 14.1/16

Left Out: 428.095+/-159.862 χ^2/NDF : 0.0/0

Right Out: 80.462+/-38.950 χ^2/NDF : 19.9/19

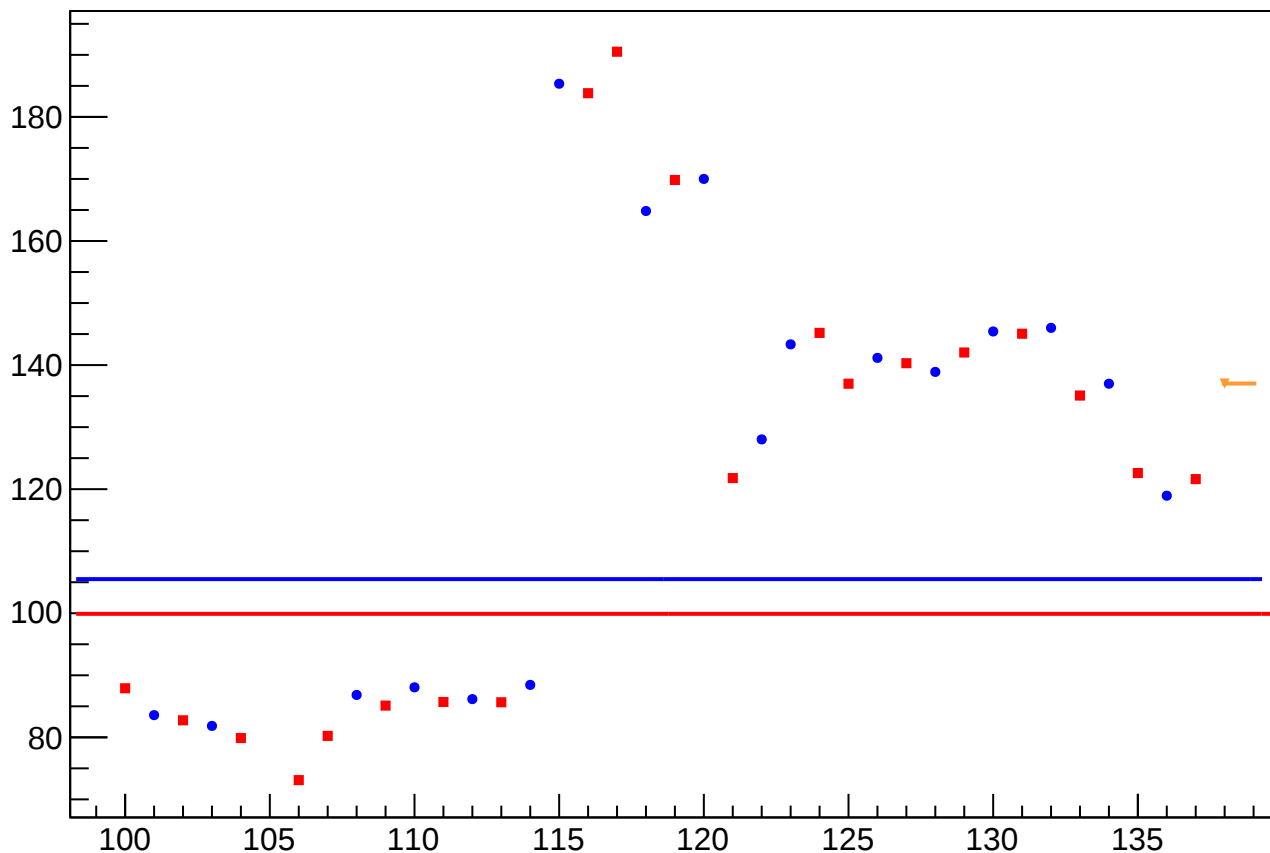
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

37.846+/-40.888 χ^2/NDF : 20.4/17

60.188+/-28.202 χ^2/NDF : 40.9/37

80.462+/-38.950 χ^2/NDF : 19.9/19

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 105.503+/-0.030 χ^2/NDF : 869022.6/16

Left Out: 137.028+/-0.113 χ^2/NDF : 0.0/0

Right Out: 99.907+/-0.028 χ^2/NDF : 1019545.3/19

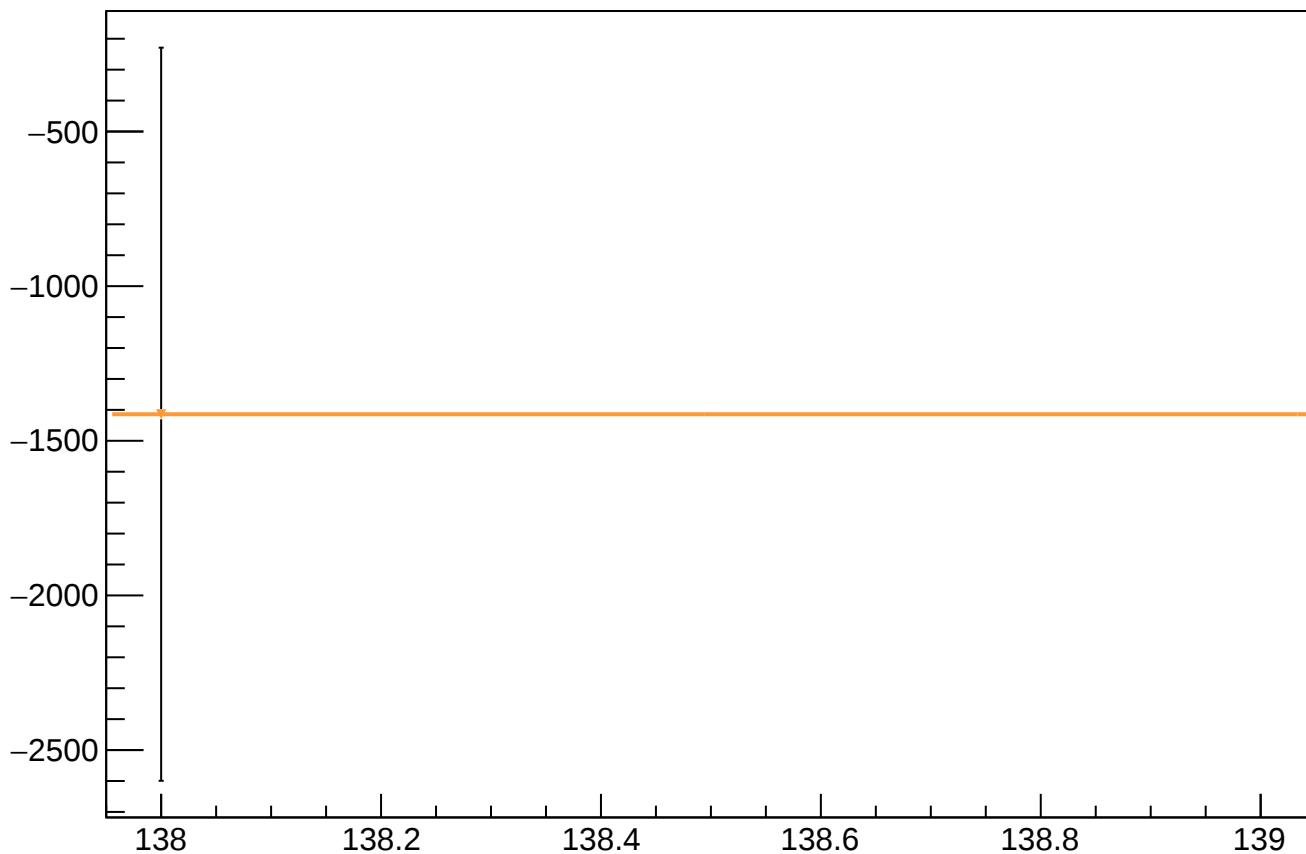
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

107.565+/-0.029 χ^2/NDF : 941712.9/17

103.550+/-0.020 χ^2/NDF : 1998040.2/37

99.907+/-0.028 χ^2/NDF : 1019545.3/19

asym_sam5_correction_mean vs Slug, Sign Corrected



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

Left Out: -1414.121+/-1185.231 χ^2/NDF : 0.0/0

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

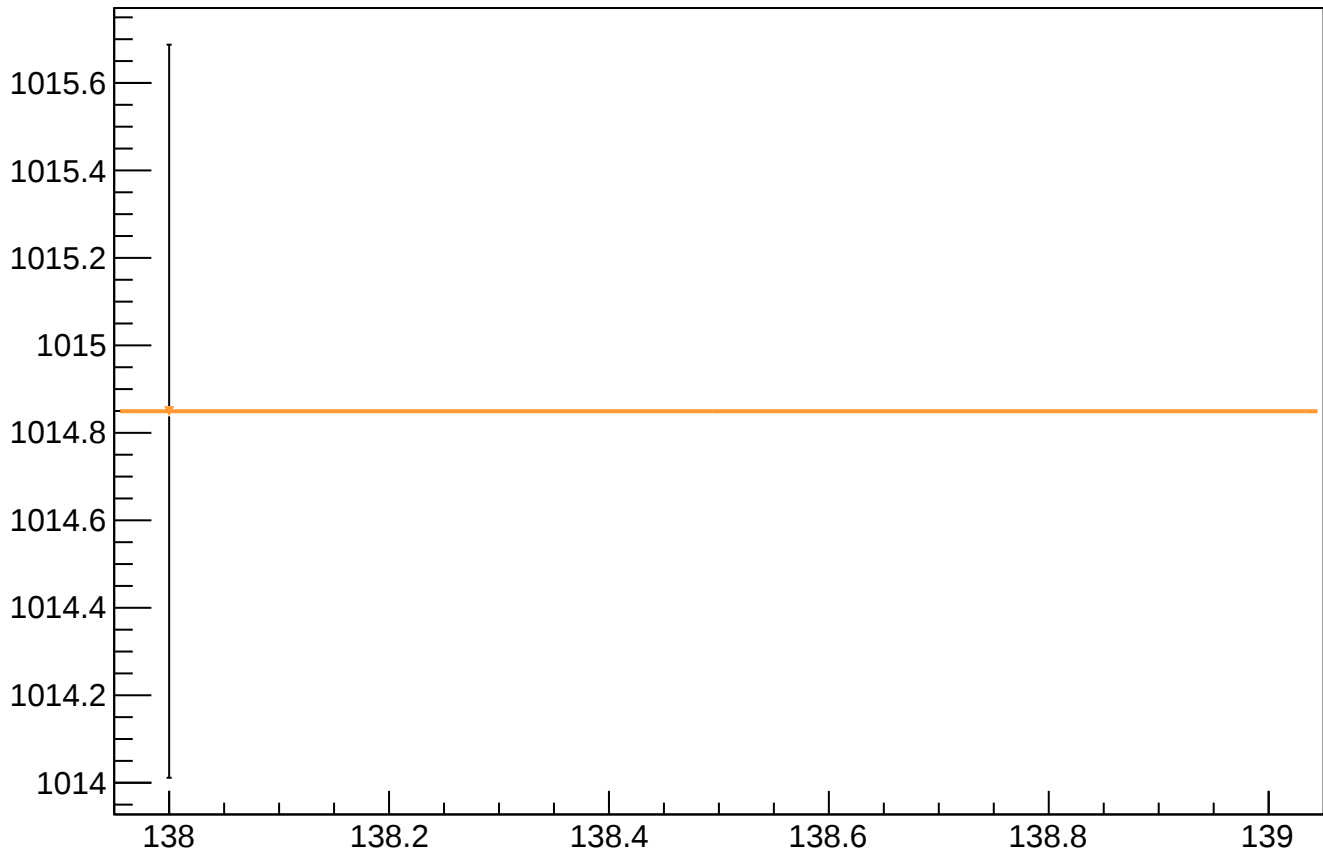
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1414.121+/-1185.231 χ^2/NDF : 0.0/0

-1414.121+/-1185.231 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: 1014.849+/-0.838 χ^2/NDF : 0.0/0

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

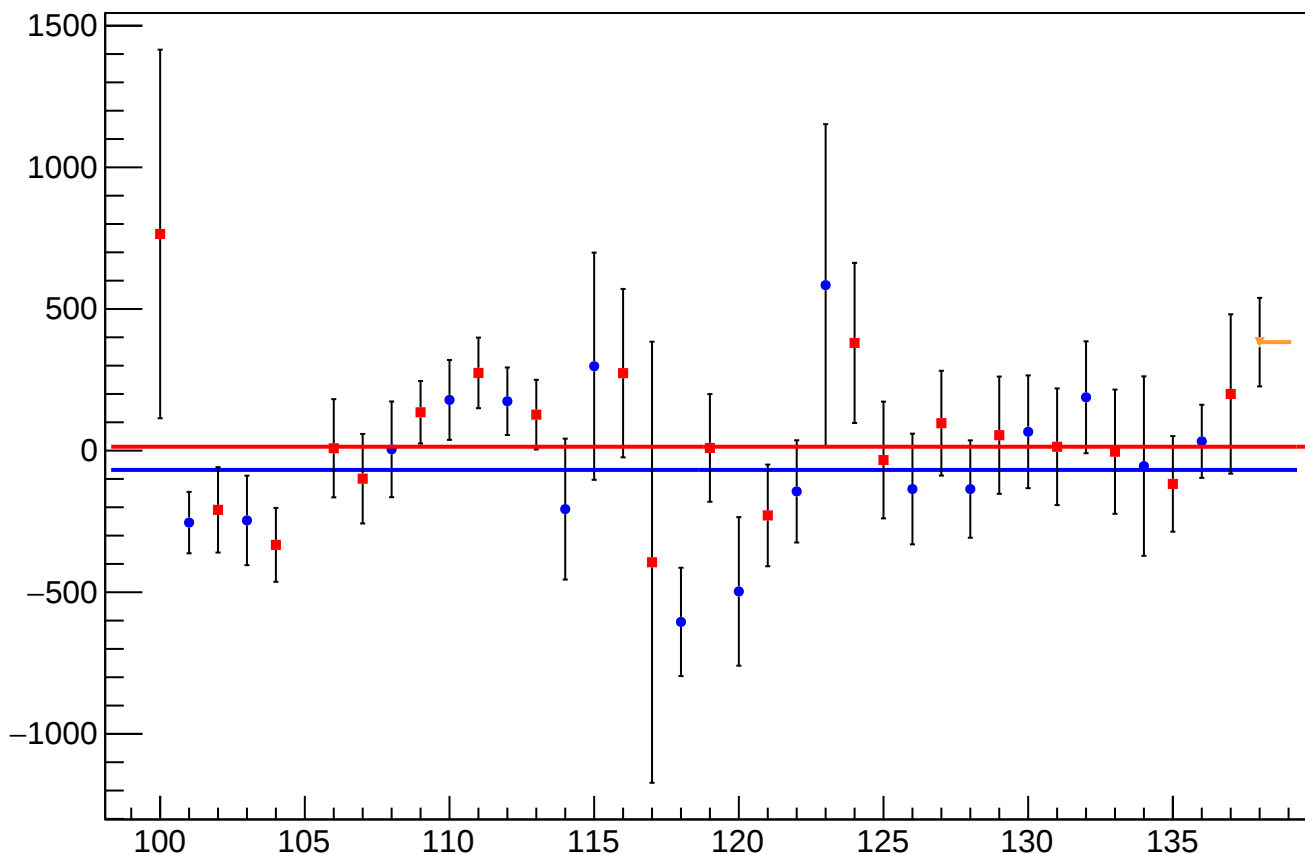
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1014.849+/-0.838 χ^2/NDF : 0.0/0

1014.849+/-0.838 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: -68.111 ± 42.265 χ^2/NDF : 27.8/16

Left Out: 382.954 ± 156.185 χ^2/NDF : 0.0/0

Right Out: 13.752 ± 39.416 χ^2/NDF : 23.4/19

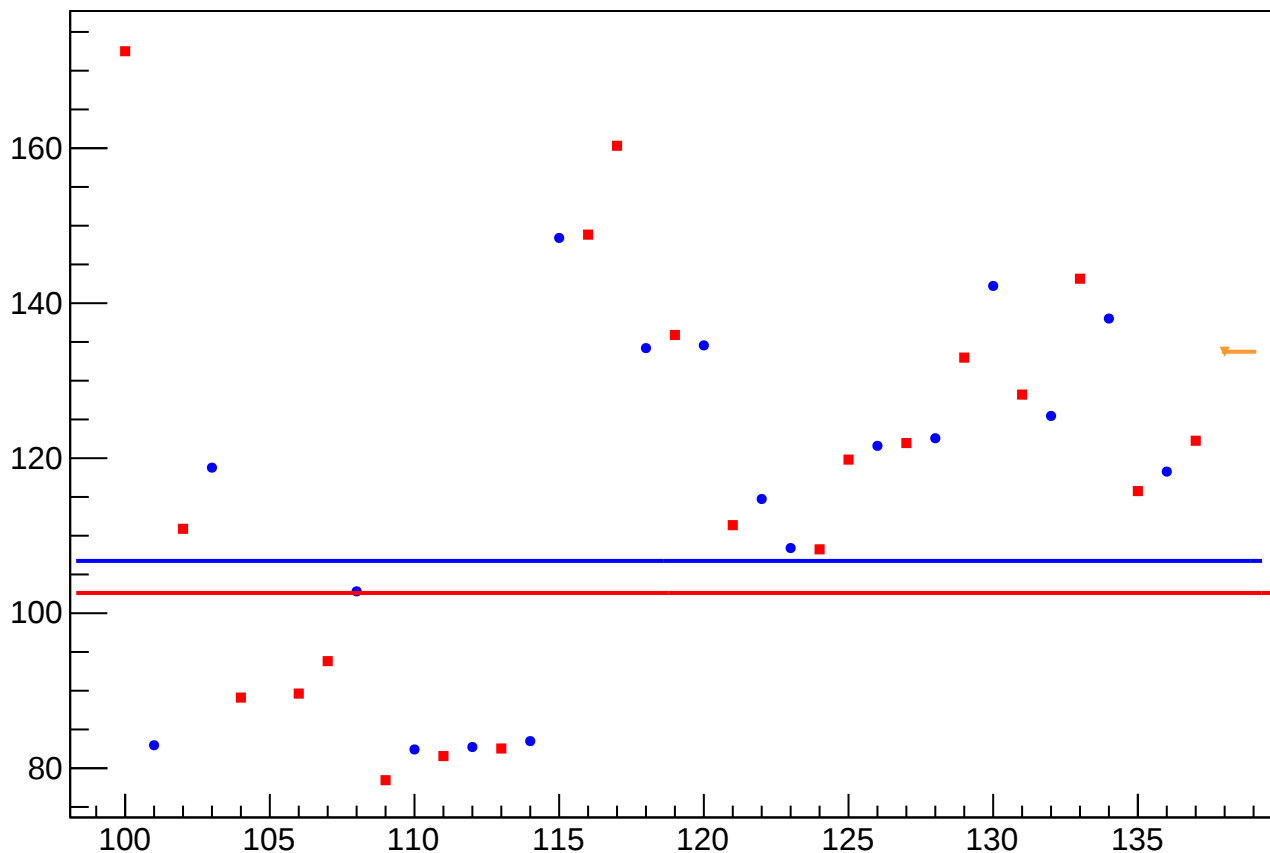
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-37.333 ± 40.798 χ^2/NDF : 35.6/17

-10.911 ± 28.347 χ^2/NDF : 59.8/37

13.752 ± 39.416 χ^2/NDF : 23.4/19

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 106.749+/-0.030 χ^2/NDF : 501742.8/16

Left Out: 133.738+/-0.110 χ^2/NDF : 0.0/0

Right Out: 102.615+/-0.028 χ^2/NDF : 600357.6/19

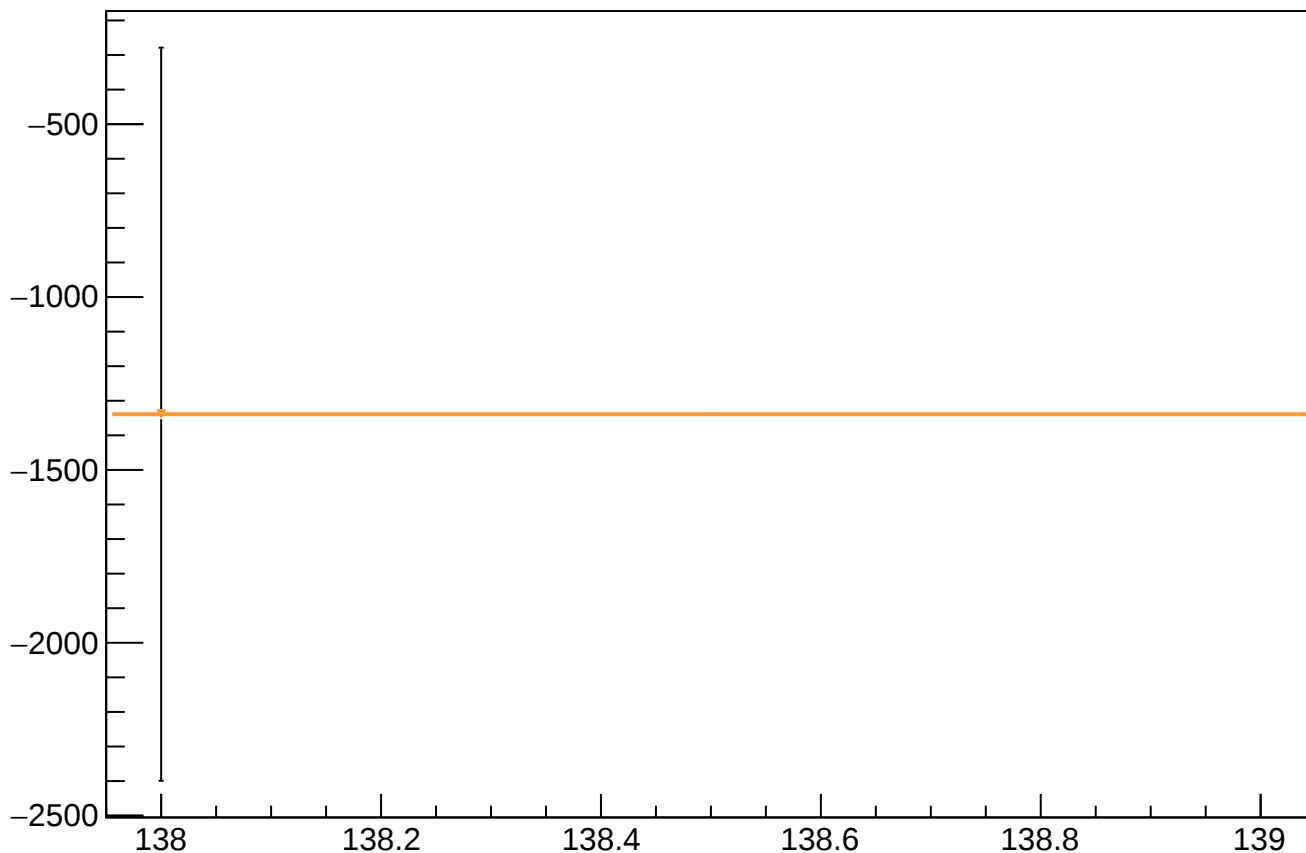
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

108.591+/-0.029 χ^2/NDF : 557387.0/17

105.500+/-0.020 χ^2/NDF : 1179937.1/37

102.615+/-0.028 χ^2/NDF : 600357.6/19

asym_sam6_correction_mean vs Slug, Sign Corrected



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

Left Out: -1338.955+/-1060.222 χ^2/NDF : 0.0/0

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

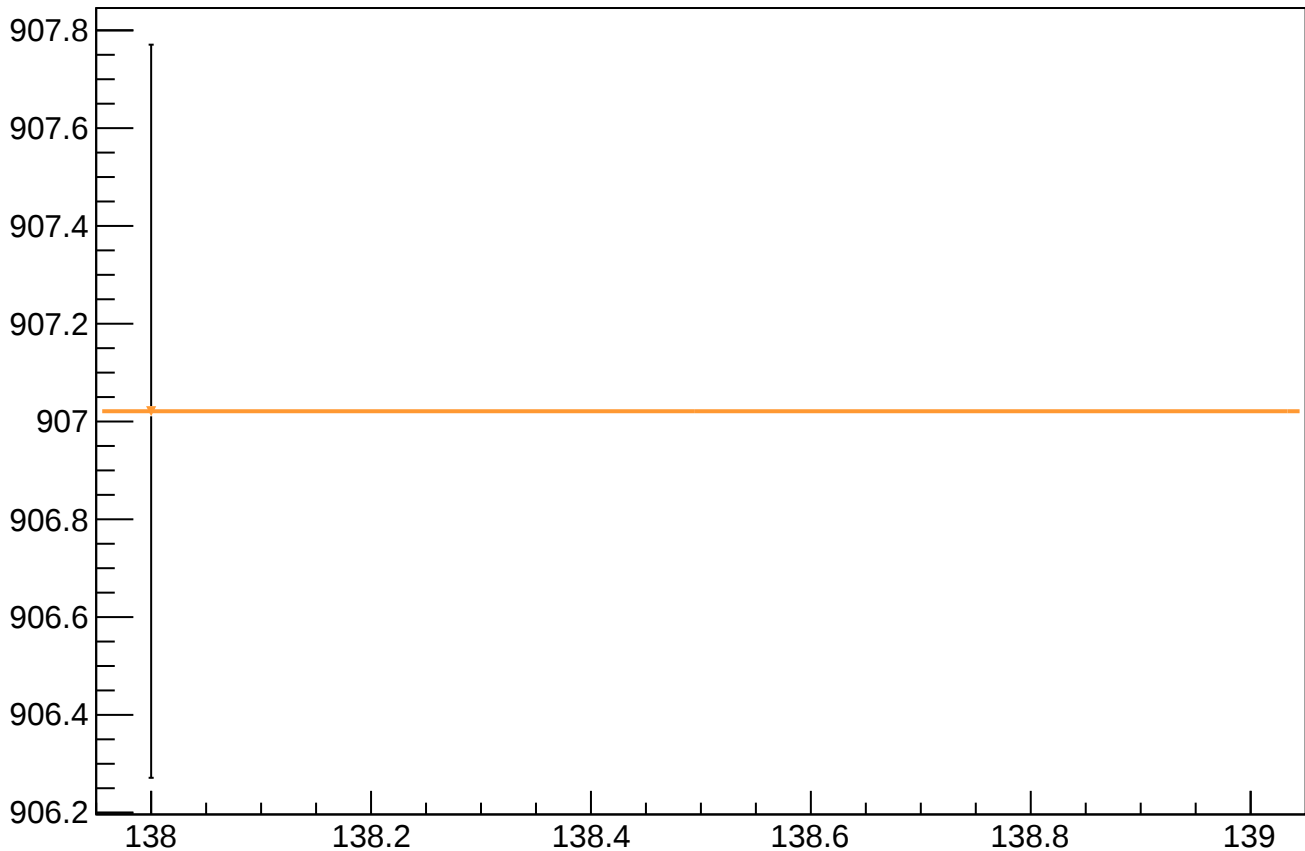
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1338.955+/-1060.222 χ^2/NDF : 0.0/0

-1338.955+/-1060.222 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: 907.021+/-0.750 χ^2/NDF : 0.0/0

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

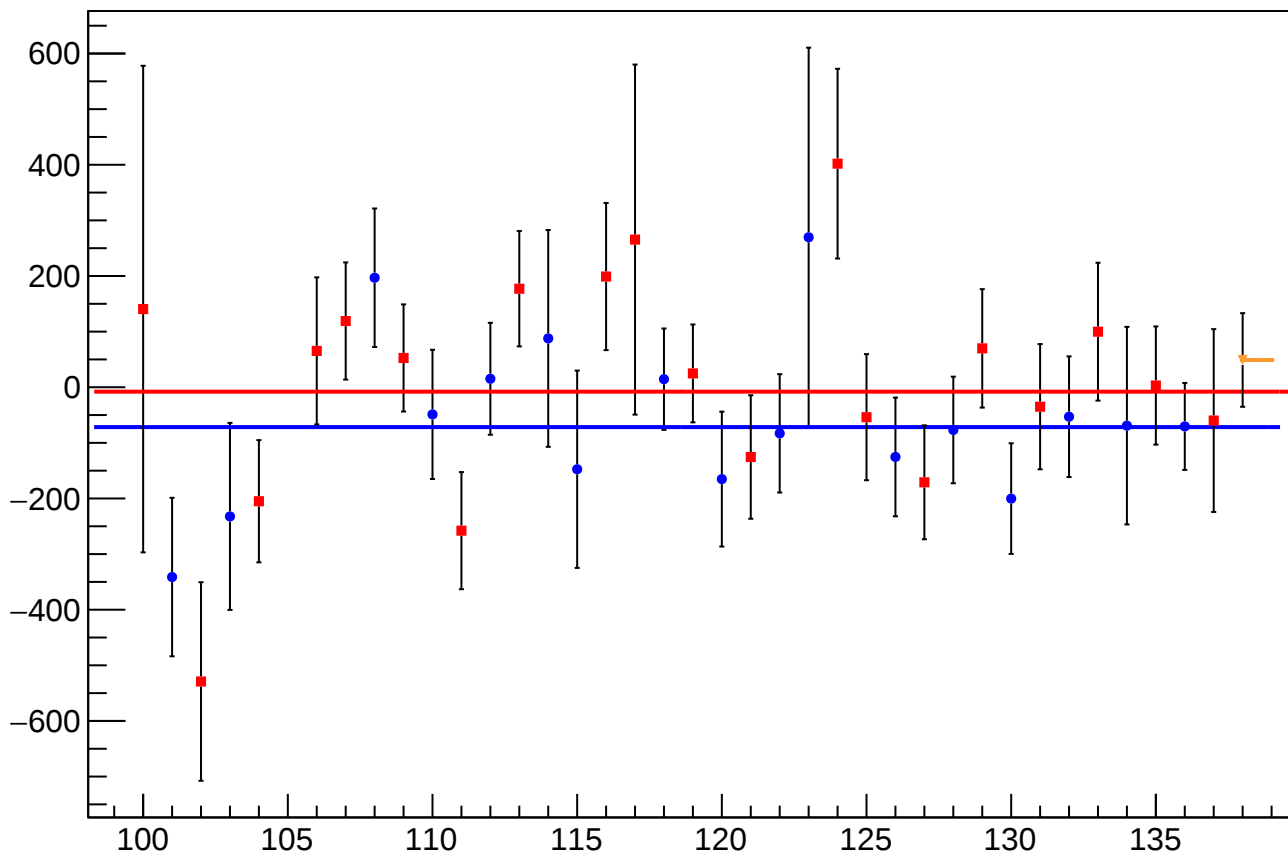
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

907.021+/-0.750 χ^2/NDF : 0.0/0

907.021+/-0.750 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: -71.669+/-28.358 χ^2/NDF : 15.2/16

Left Out: 49.008+/-84.174 χ^2/NDF : 0.0/0

Right Out: -7.933+/-26.719 χ^2/NDF : 37.2/19

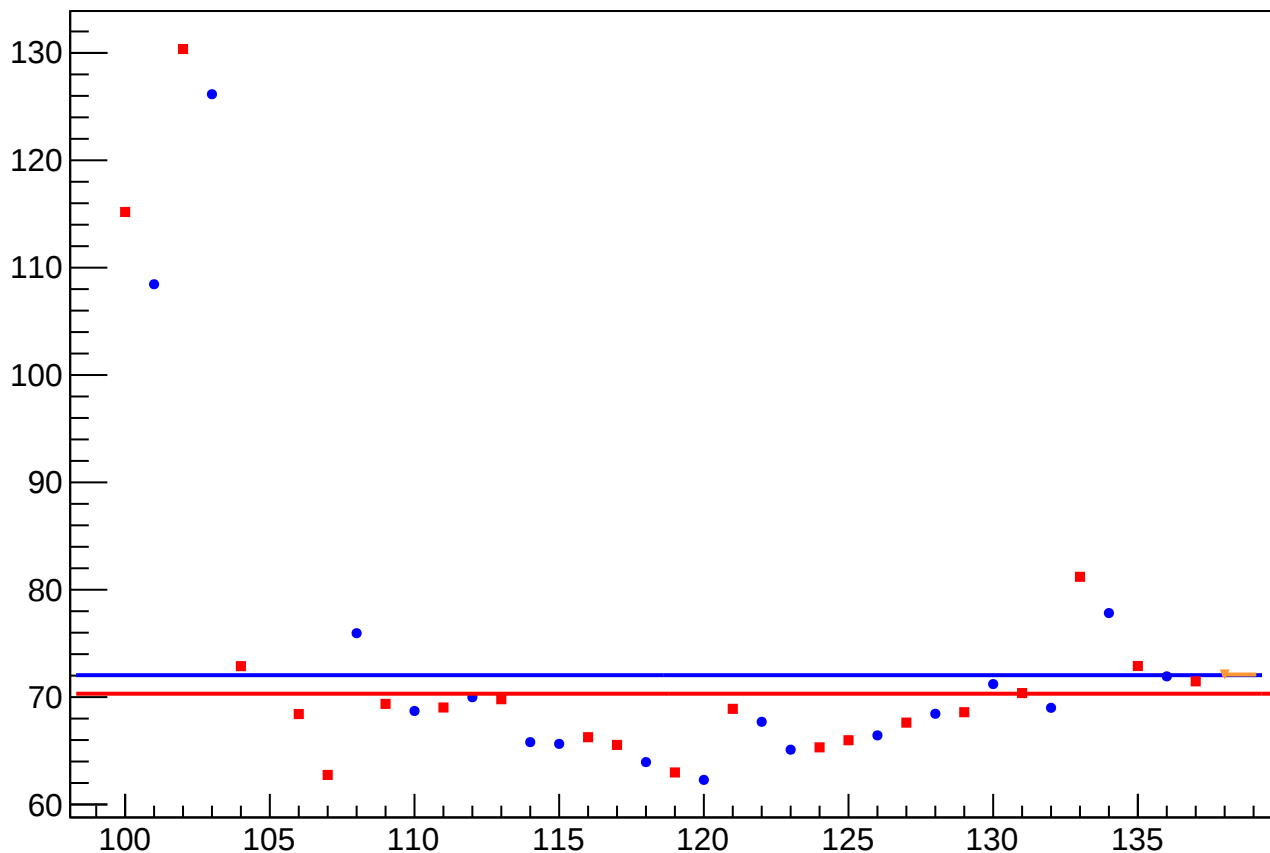
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-59.368+/-26.874 χ^2/NDF : 17.1/17

-33.502+/-18.948 χ^2/NDF : 56.1/37

-7.933+/-26.719 χ^2/NDF : 37.2/19

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.042 $\pm$ 0.020 χ^2 /NDF: 391971.7/16

Left Out: 72.105 $\pm$ 0.060 χ^2 /NDF: 0.0/0

Right Out: 70.316 $\pm$ 0.019 χ^2 /NDF: 299468.0/19

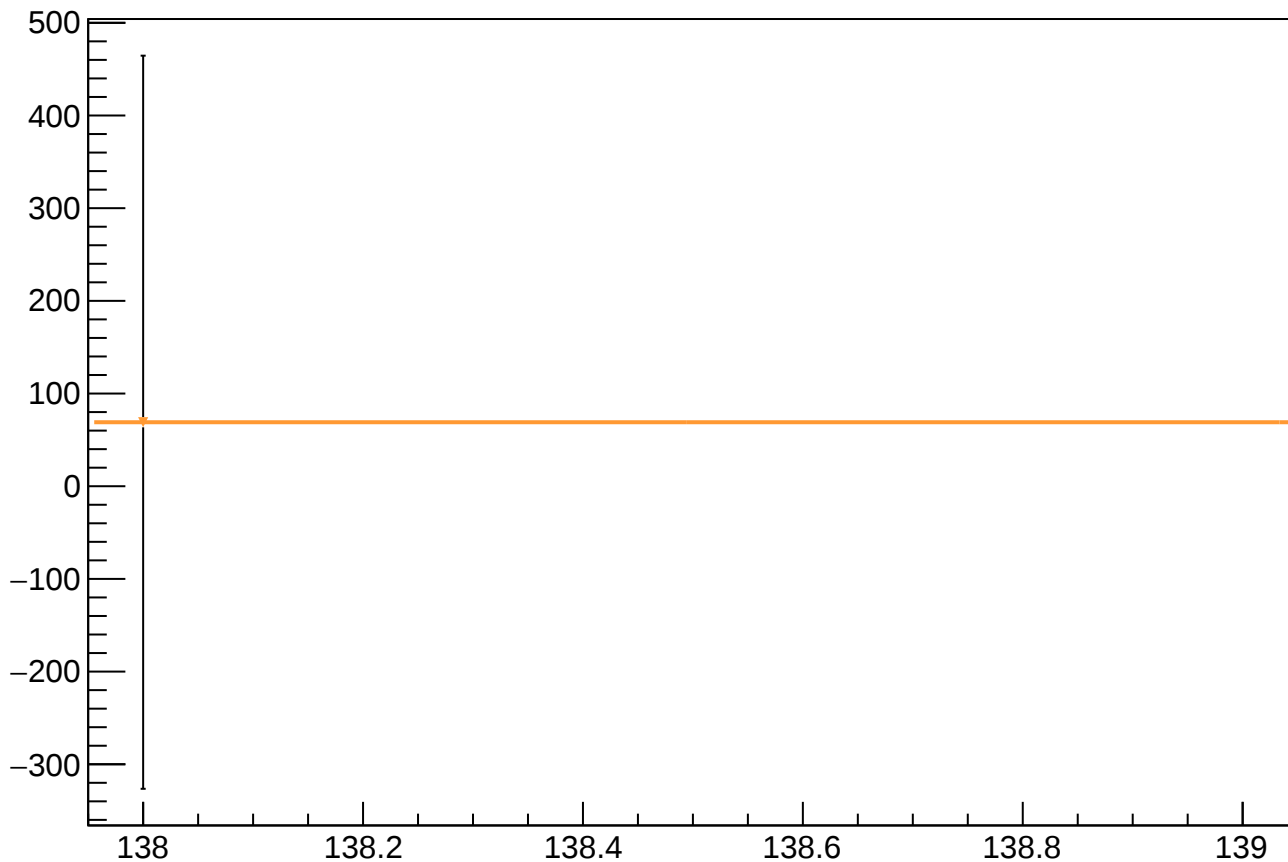
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

72.049 $\pm$ 0.019 χ^2 /NDF: 391972.7/17

71.178 $\pm$ 0.013 χ^2 /NDF: 695620.6/37

70.316 $\pm$ 0.019 χ^2 /NDF: 299468.0/19

asym_sam7_correction_mean vs Slug, Sign Corrected



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

Left Out: 69.044+/-395.508 χ^2/NDF : 0.0/0

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

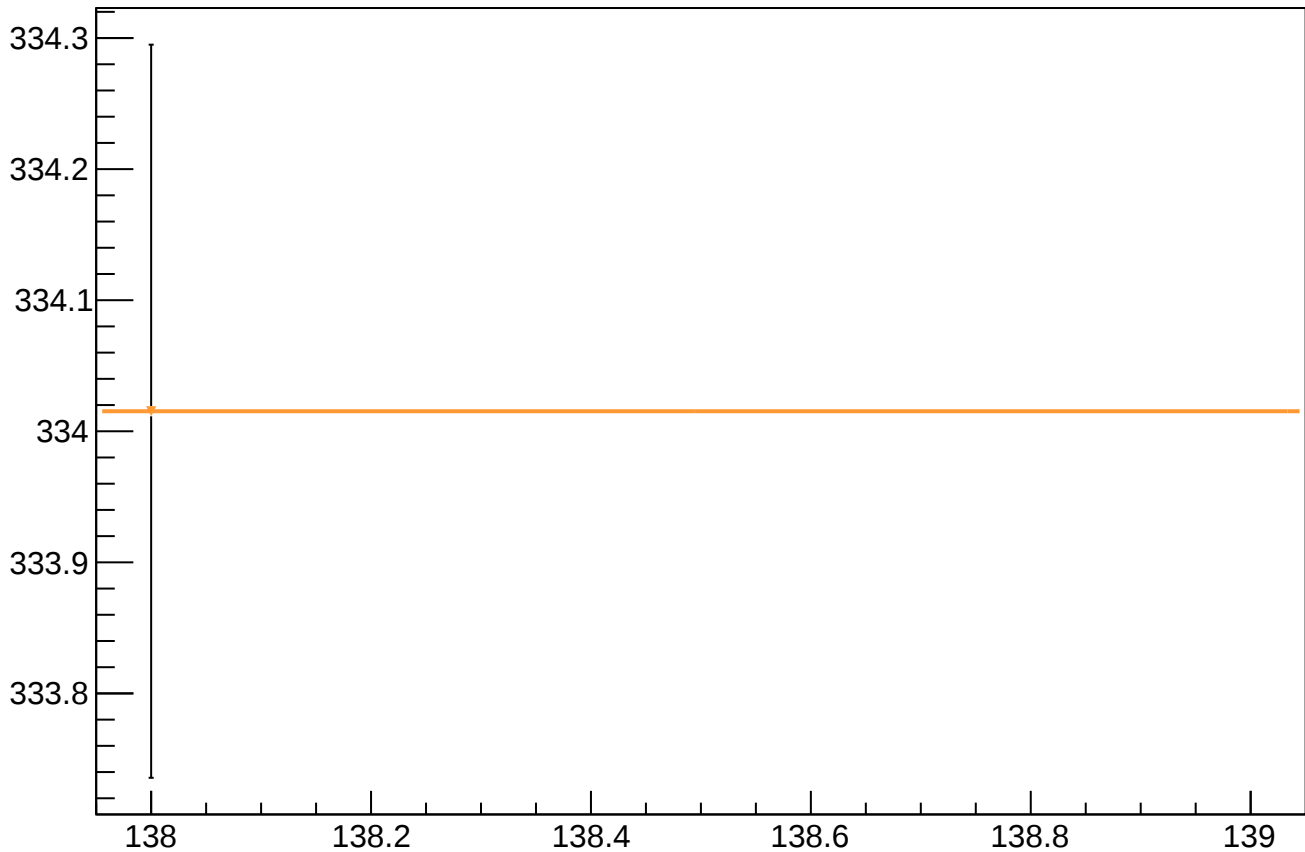
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

69.044+/-395.508 χ^2/NDF : 0.0/0

69.044+/-395.508 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: 334.015+/-0.280 χ^2/NDF : 0.0/0

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

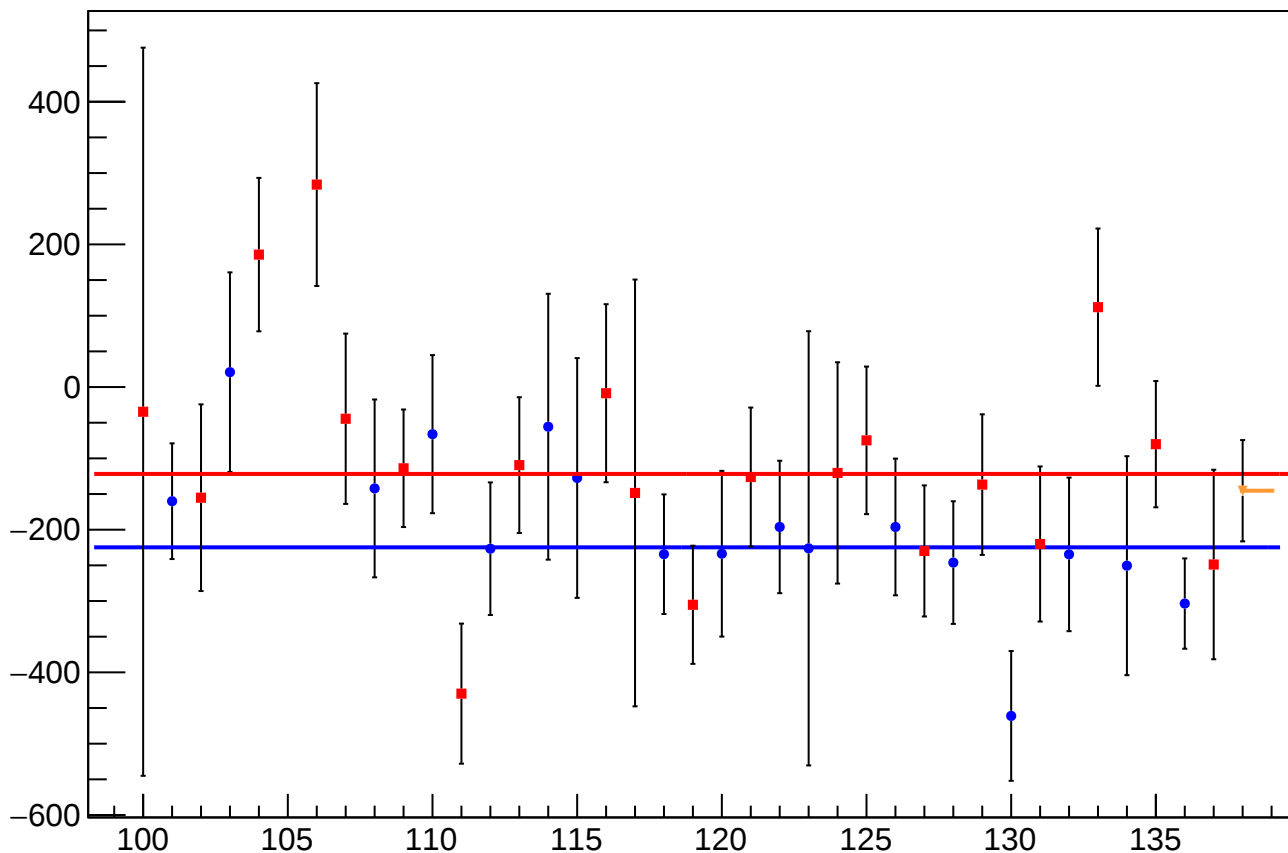
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

334.015+/-0.280 χ^2/NDF : 0.0/0

334.015+/-0.280 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: -224.727 $\pm$ 24.880 χ^2 /NDF: 16.0/16

Left Out: -145.351 $\pm$ 70.995 χ^2 /NDF: 0.0/0

Right Out: -121.814 $\pm$ 24.516 χ^2 /NDF: 40.5/19

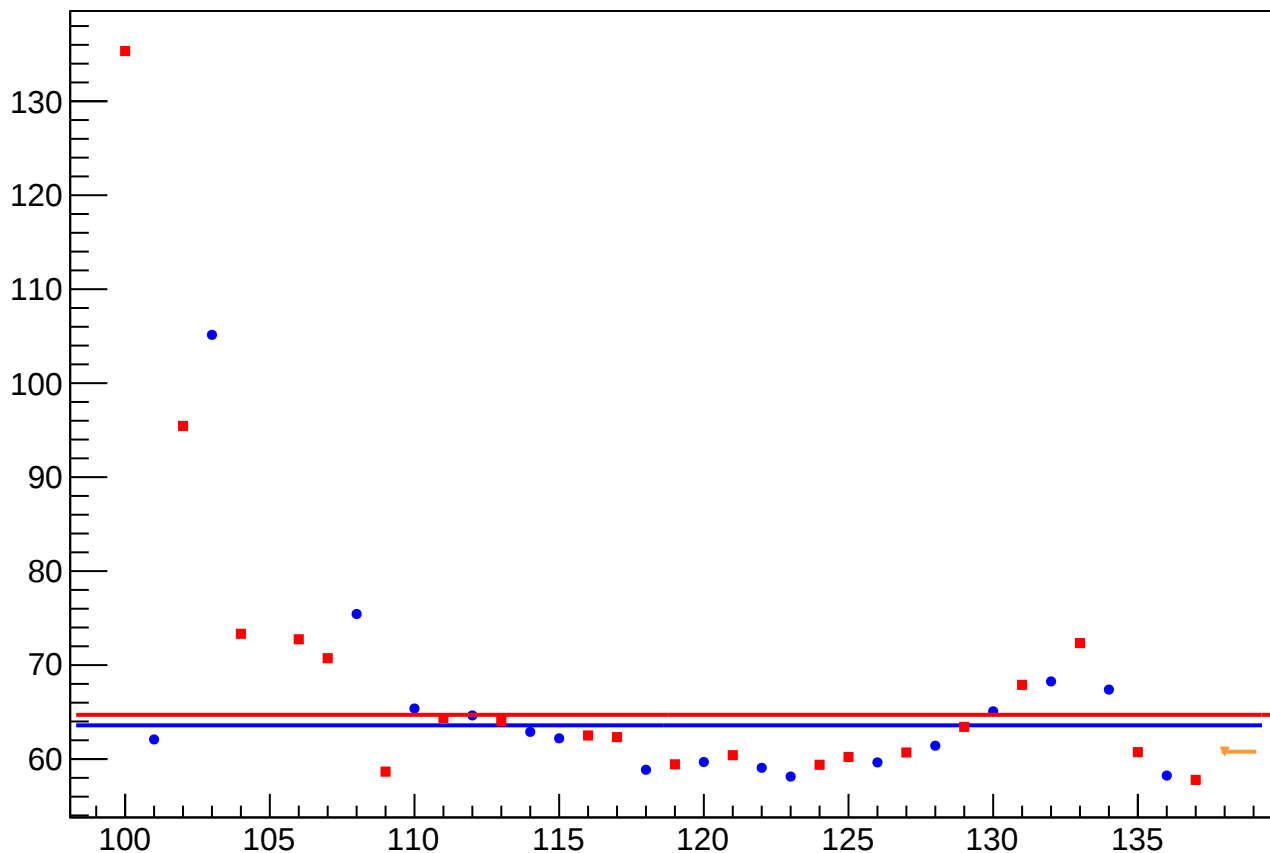
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-216.044 $\pm$ 23.480 χ^2 /NDF: 17.1/17

-170.962 $\pm$ 16.958 χ^2 /NDF: 65.3/37

-121.814 $\pm$ 24.516 χ^2 /NDF: 40.5/19

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 63.589 $\pm$ 0.018 χ^2 /NDF: 234601.0/16

Left Out: 60.784 $\pm$ 0.050 χ^2 /NDF:0.0/0

Right Out: 64.704 $\pm$ 0.017 χ^2 /NDF: 227632.6/19

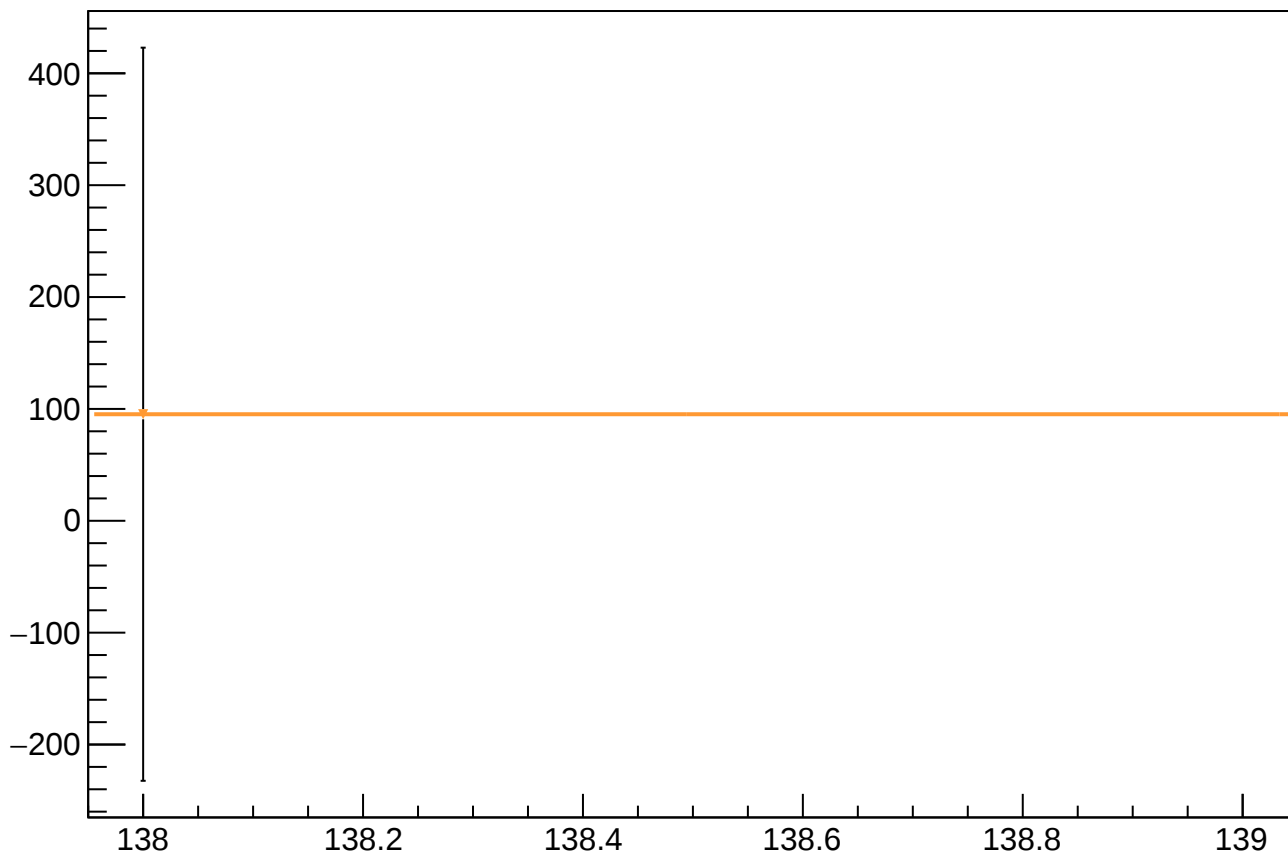
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

63.282 $\pm$ 0.017 χ^2 /NDF: 237380.8/17

63.963 $\pm$ 0.012 χ^2 /NDF: 468521.7/37

64.704 $\pm$ 0.017 χ^2 /NDF: 227632.6/19

asym_sam8_correction_mean vs Slug, Sign Corrected



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

Left Out: 95.251+/-327.671 χ^2/NDF : 0.0/0

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

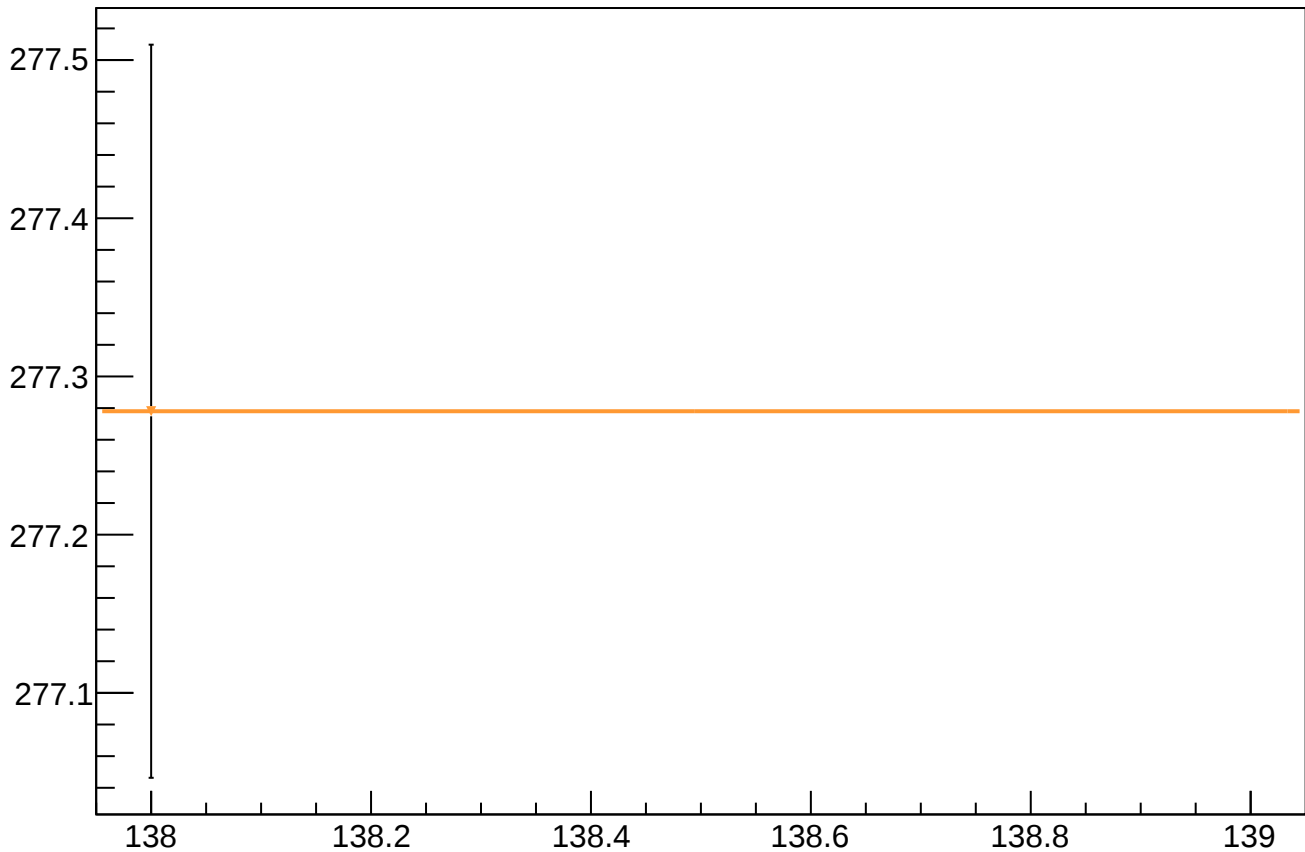
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

95.251+/-327.671 χ^2/NDF : 0.0/0

95.251+/-327.671 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: 277.278 ± 0.232 χ^2/NDF : 0.0/0

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

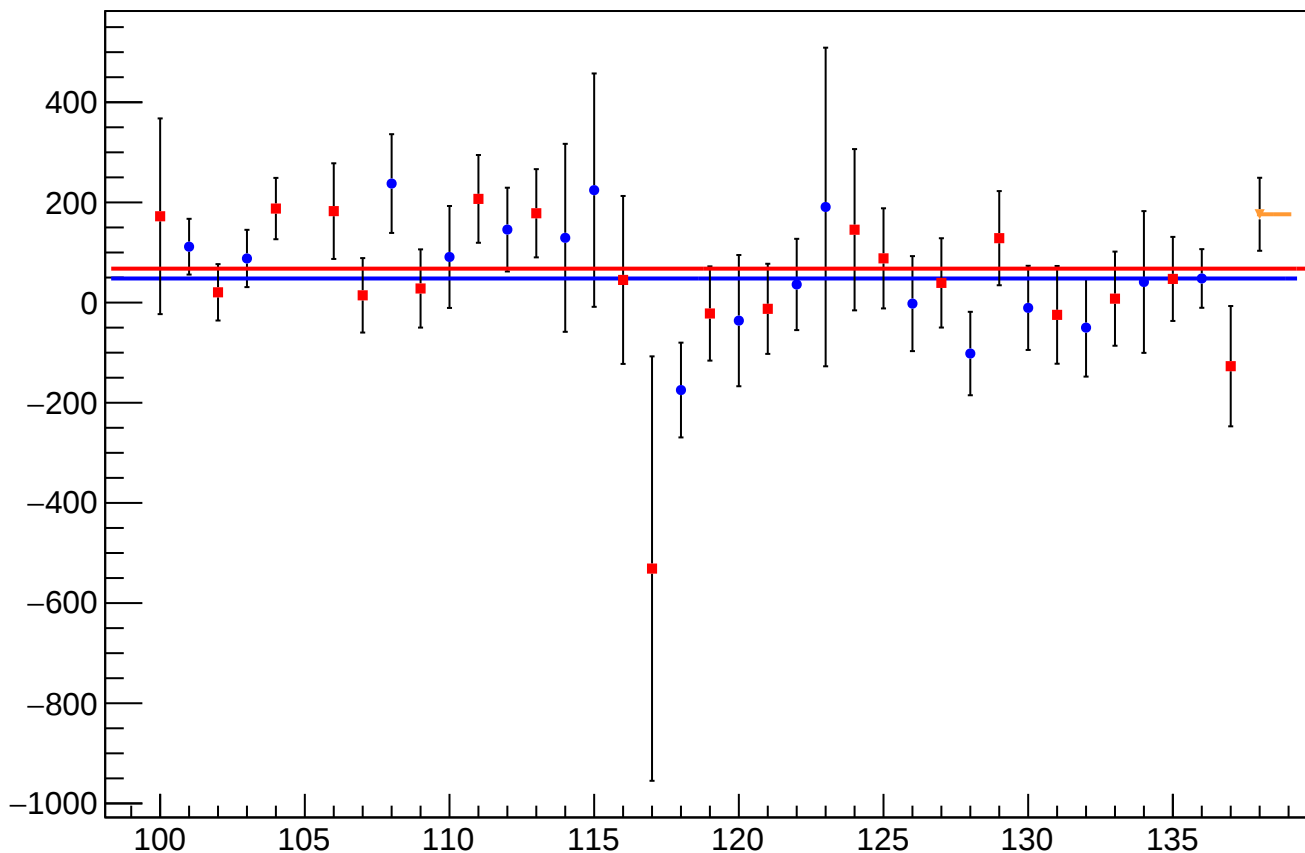
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

277.278 ± 0.232 χ^2/NDF : 0.0/0

277.278 ± 0.232 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: 48.109 $\pm$ 21.510 χ^2 /NDF: 19.0/16

Left Out: 176.323 $\pm$ 72.888 χ^2 /NDF:0.0/0

Right Out: 67.767 $\pm$ 20.383 χ^2 /NDF: 19.7/19

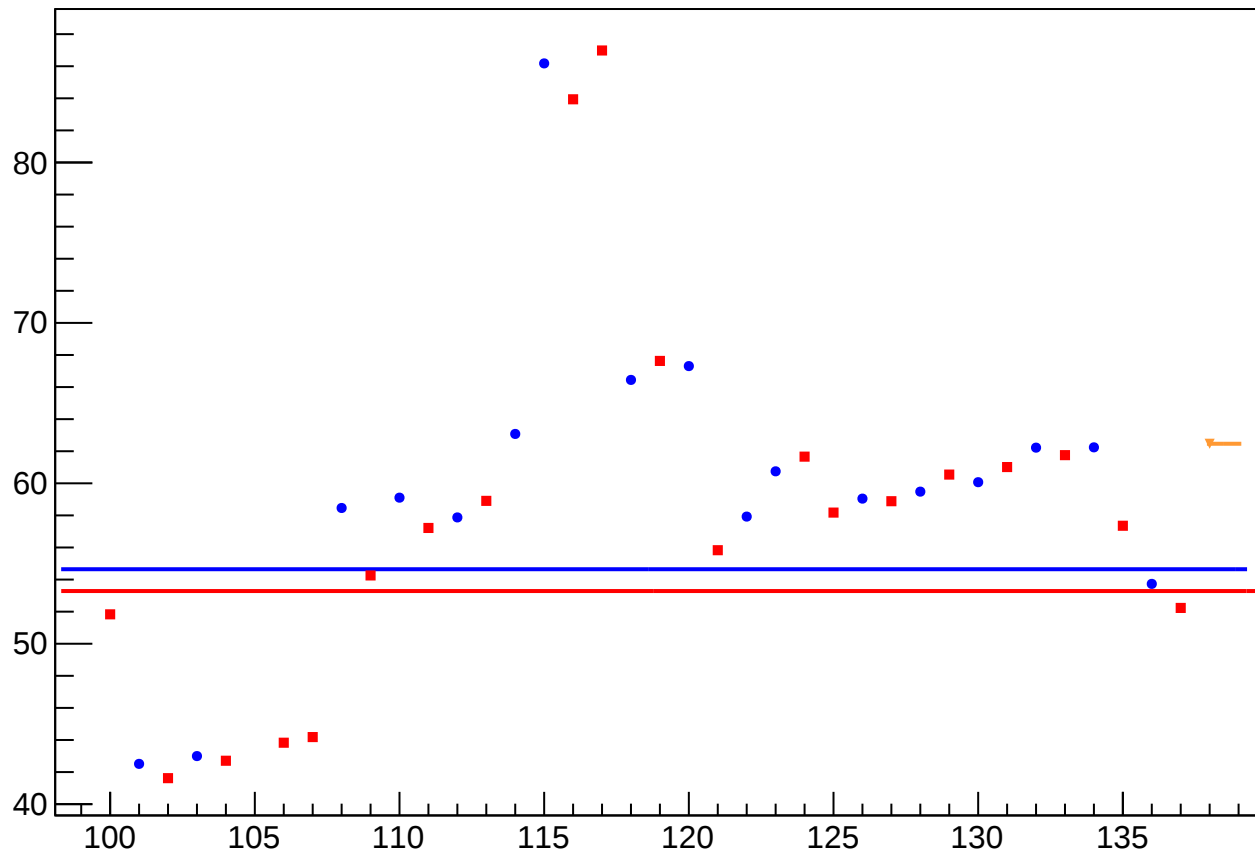
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

58.381 $\pm$ 20.631 χ^2 /NDF: 21.8/17

63.130 $\pm$ 14.500 χ^2 /NDF: 41.6/37

67.767 $\pm$ 20.383 χ^2 /NDF: 19.7/19

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 54.645 $\pm$ 0.015 χ^2 /NDF: 319300.2/16

Left Out: 62.466 $\pm$ 0.052 χ^2 /NDF: 0.0/0

Right Out: 53.285 $\pm$ 0.014 χ^2 /NDF: 398973.0/19

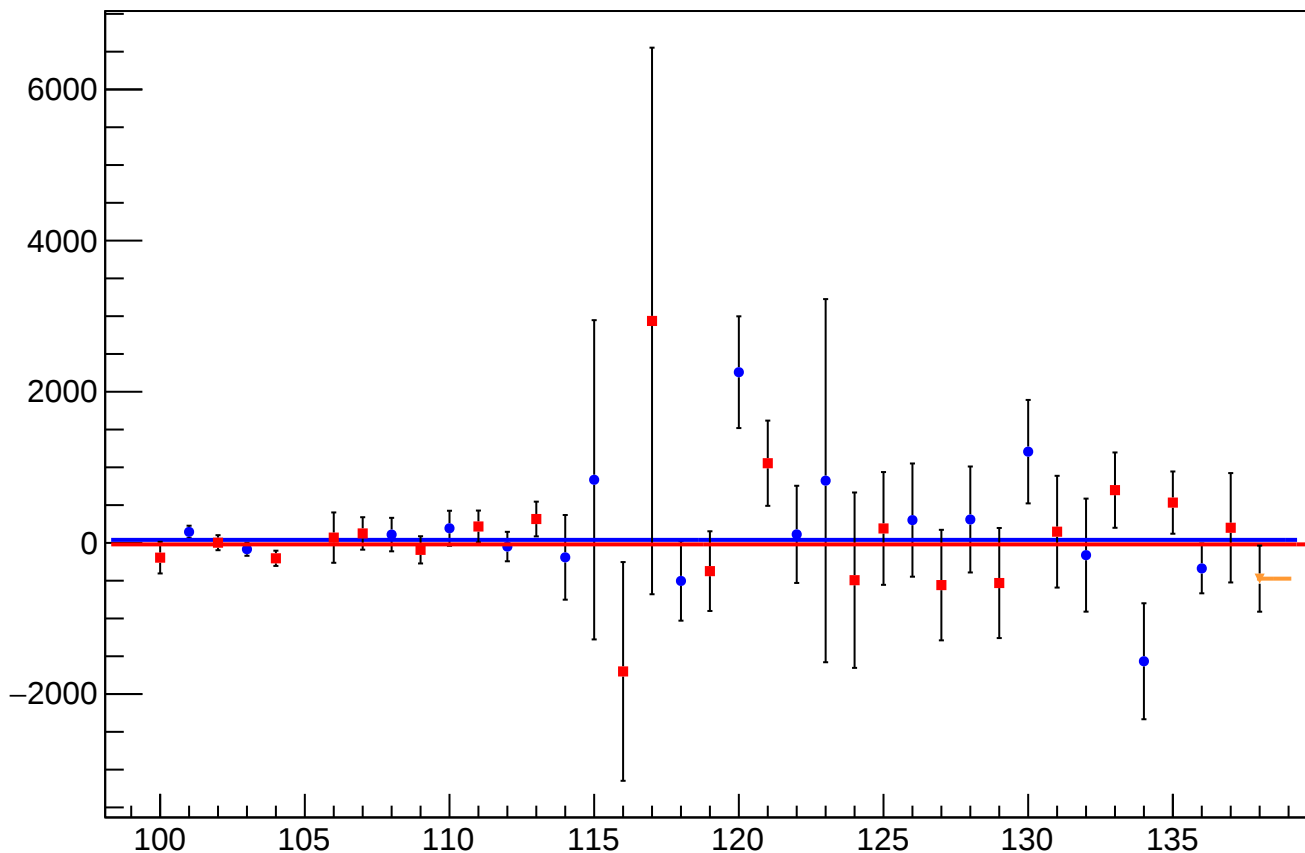
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

55.271 $\pm$ 0.015 χ^2 /NDF: 340484.5/17

54.266 $\pm$ 0.010 χ^2 /NDF: 748840.1/37

53.285 $\pm$ 0.014 χ^2 /NDF: 398973.0/19

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 40.207+/-51.542 χ^2/NDF : 23.9/16

Left Out: -472.918+/-437.414 χ^2/NDF : 0.0/0

Right Out: -19.590+/-53.268 χ^2/NDF : 19.6/19

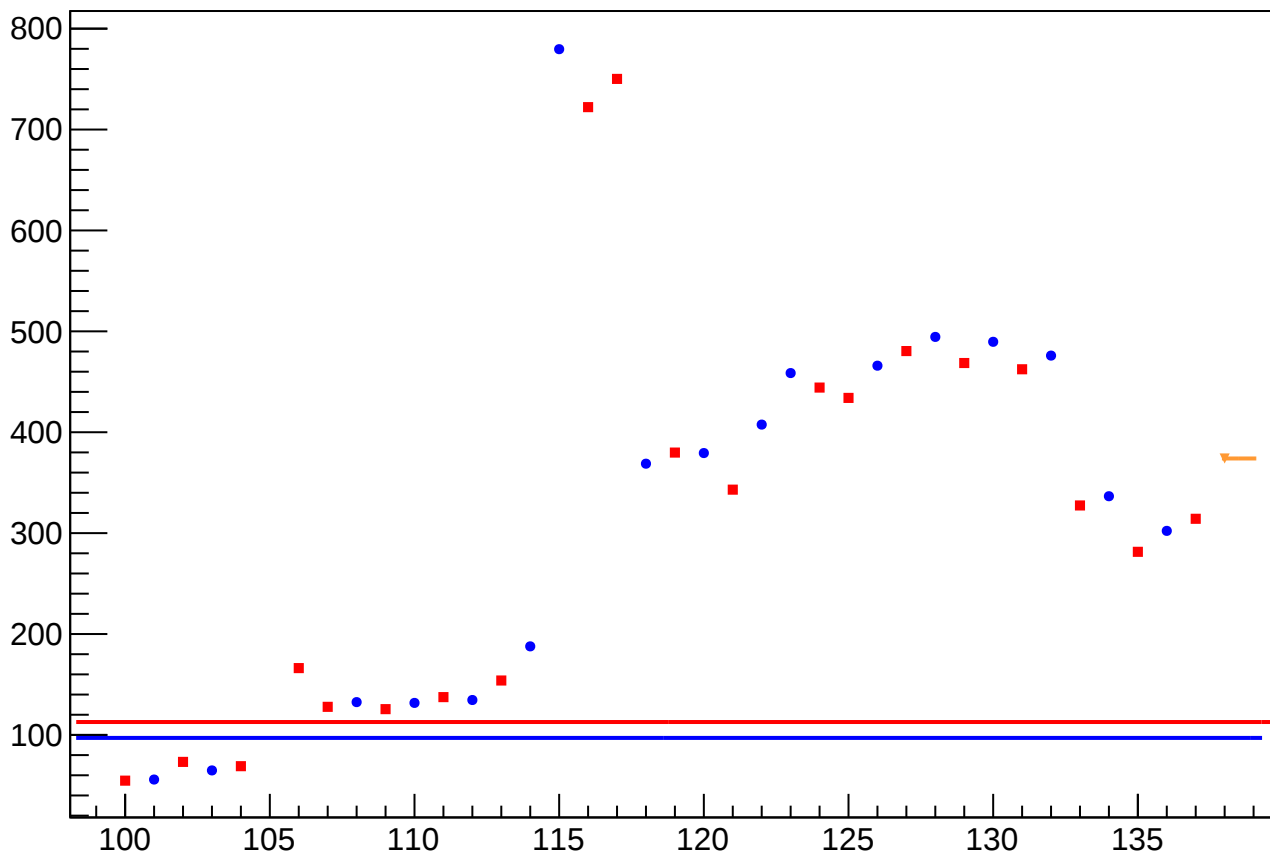
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

33.180+/-51.188 χ^2/NDF : 25.2/17

7.845+/-36.909 χ^2/NDF : 45.3/37

-19.590+/-53.268 χ^2/NDF : 19.6/19

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 97.039+/-0.036 χ^2/NDF : 5819709.2/16

Left Out: 373.989+/-0.309 χ^2/NDF : 0.0/0

Right Out: 112.792+/-0.038 χ^2/NDF : 5098459.2/19

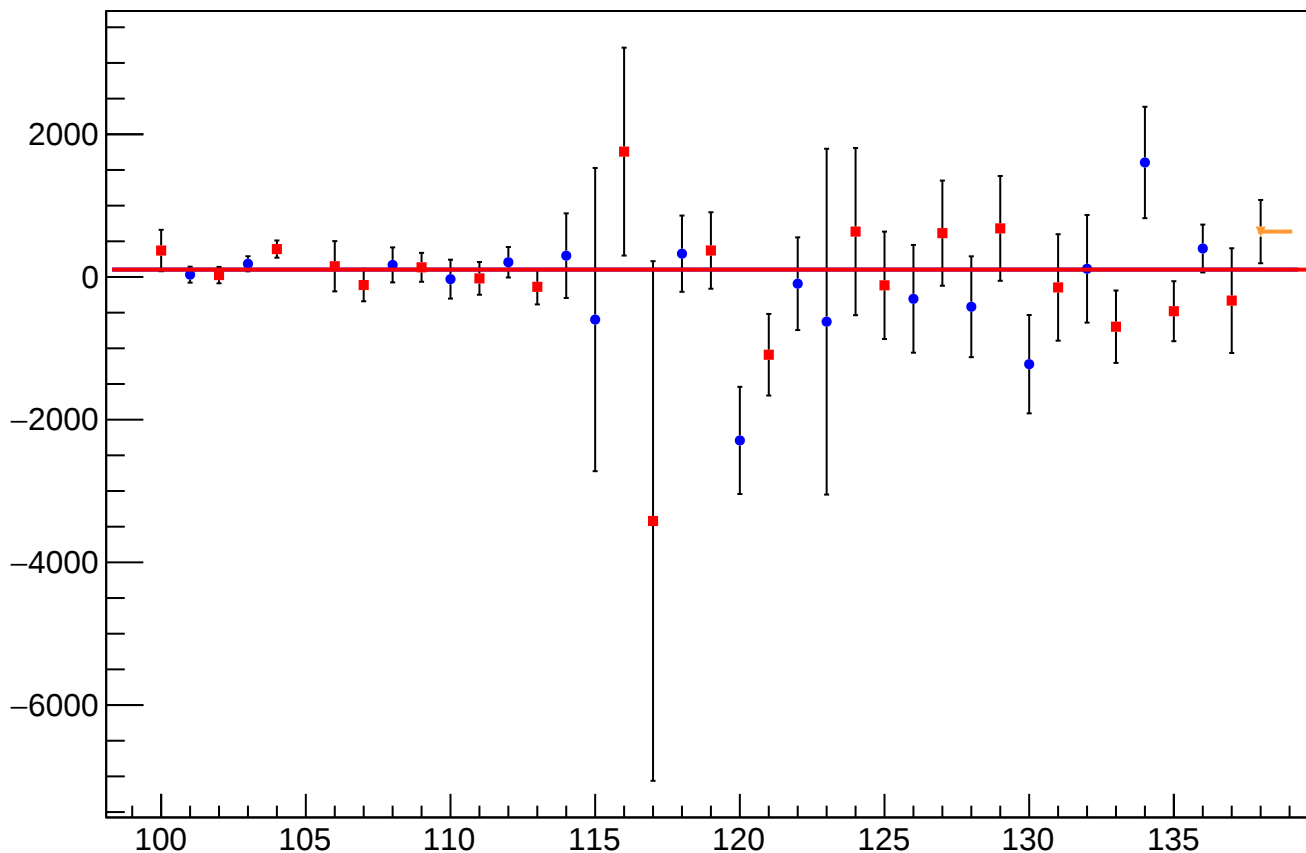
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

100.832+/-0.036 χ^2/NDF : 6610496.6/17

106.574+/-0.026 χ^2/NDF : 11761375.4/37

112.792+/-0.038 χ^2/NDF : 5098459.2/19

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 104.001 $\pm$ 63.156 χ^2 /NDF: 21.3/16

Left Out: 636.038 $\pm$ 443.551 χ^2 /NDF: 0.0/0

Right Out: 103.156 $\pm$ 60.849 χ^2 /NDF: 22.3/19

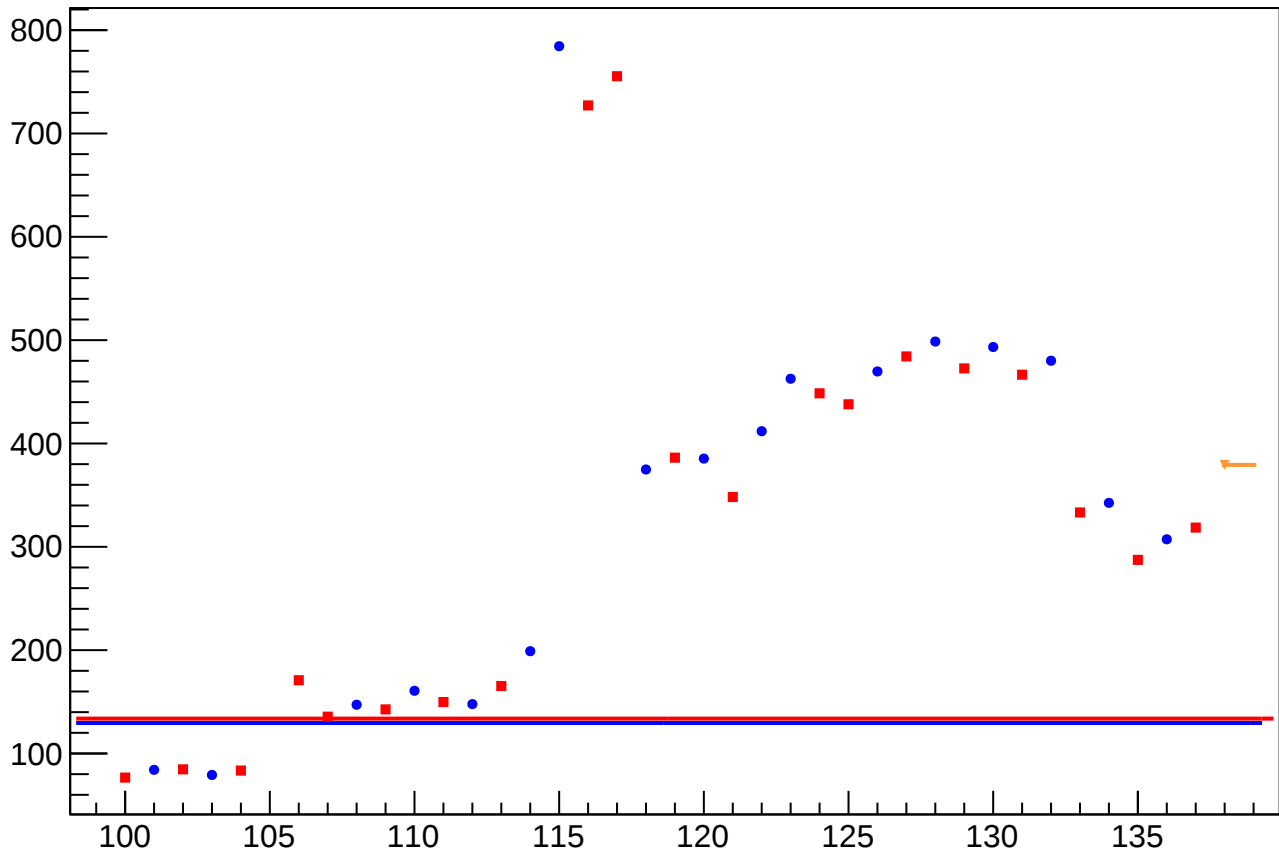
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

114.573 $\pm$ 62.526 χ^2 /NDF: 22.7/17

108.709 $\pm$ 43.607 χ^2 /NDF: 45.0/37

103.156 $\pm$ 60.849 χ^2 /NDF: 22.3/19

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.552+/-0.045 χ^2/NDF : 4772450.4/16

Left Out: 379.283+/-0.314 χ^2/NDF : 0.0/0

Right Out: 133.766+/-0.043 χ^2/NDF : 4424544.5/19

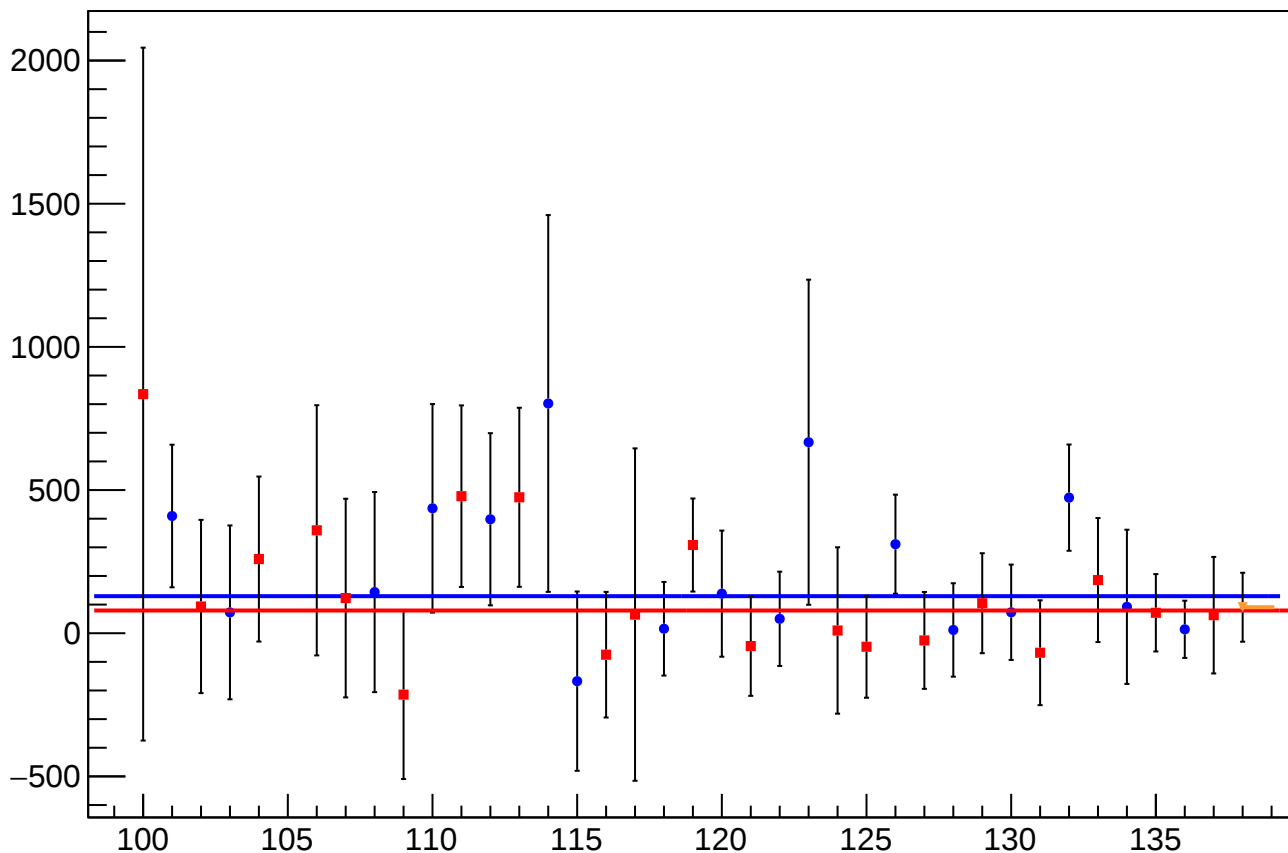
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

134.514+/-0.044 χ^2/NDF : 5393852.1/17

134.130+/-0.031 χ^2/NDF : 9818543.7/37

133.766+/-0.043 χ^2/NDF : 4424544.5/19

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 129.398 $\pm$ 49.122 χ^2 /NDF: 12.9/16

Left Out: 90.779 $\pm$ 120.404 χ^2 /NDF: 0.0/0

Right Out: 79.378 $\pm$ 49.703 χ^2 /NDF: 10.2/19

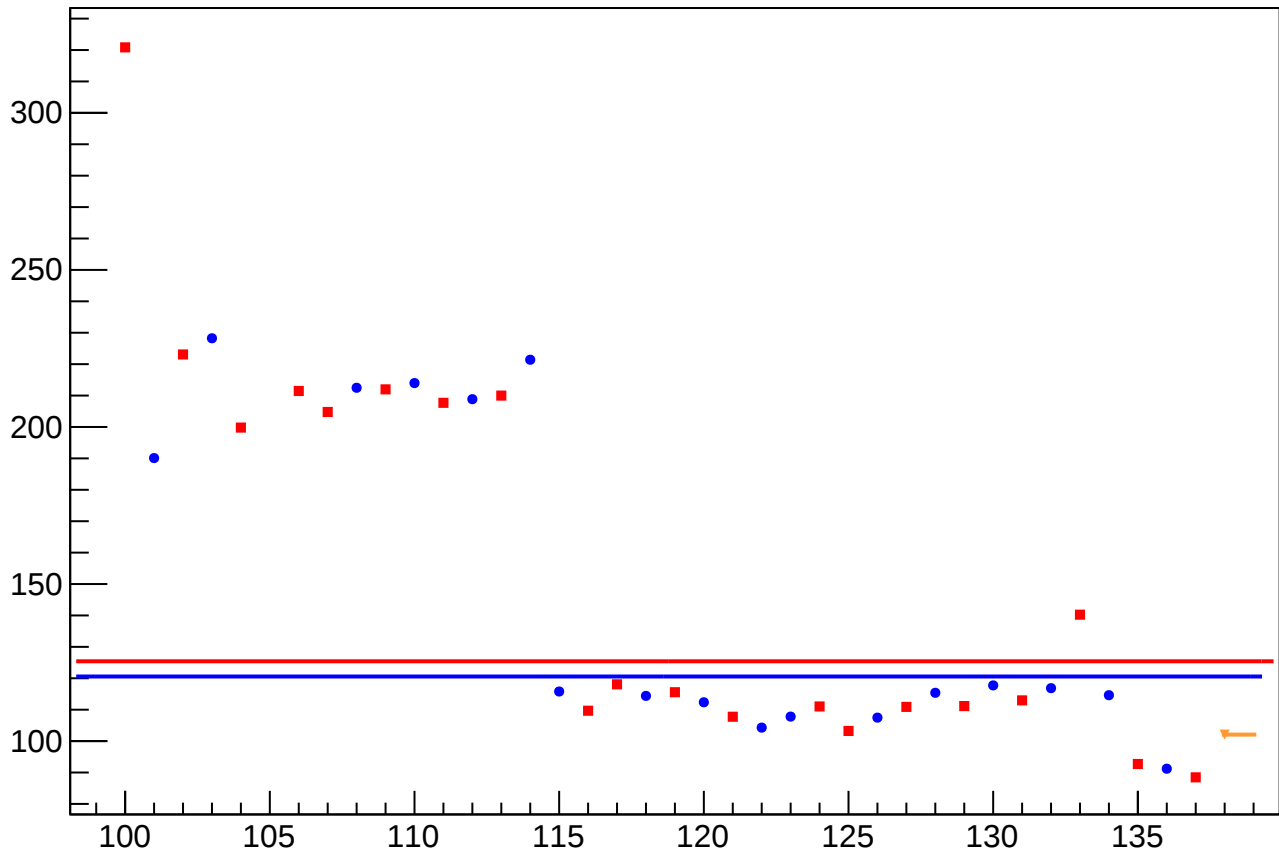
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

123.888 $\pm$ 45.482 χ^2 /NDF: 13.0/17

103.602 $\pm$ 33.554 χ^2 /NDF: 23.7/37

79.378 $\pm$ 49.703 χ^2 /NDF: 10.2/19

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 120.565+/-0.035 χ^2/NDF : 1112076.4/16

Left Out: 102.065+/-0.085 χ^2/NDF : 0.0/0

Right Out: 125.404+/-0.035 χ^2/NDF : 1334075.7/19

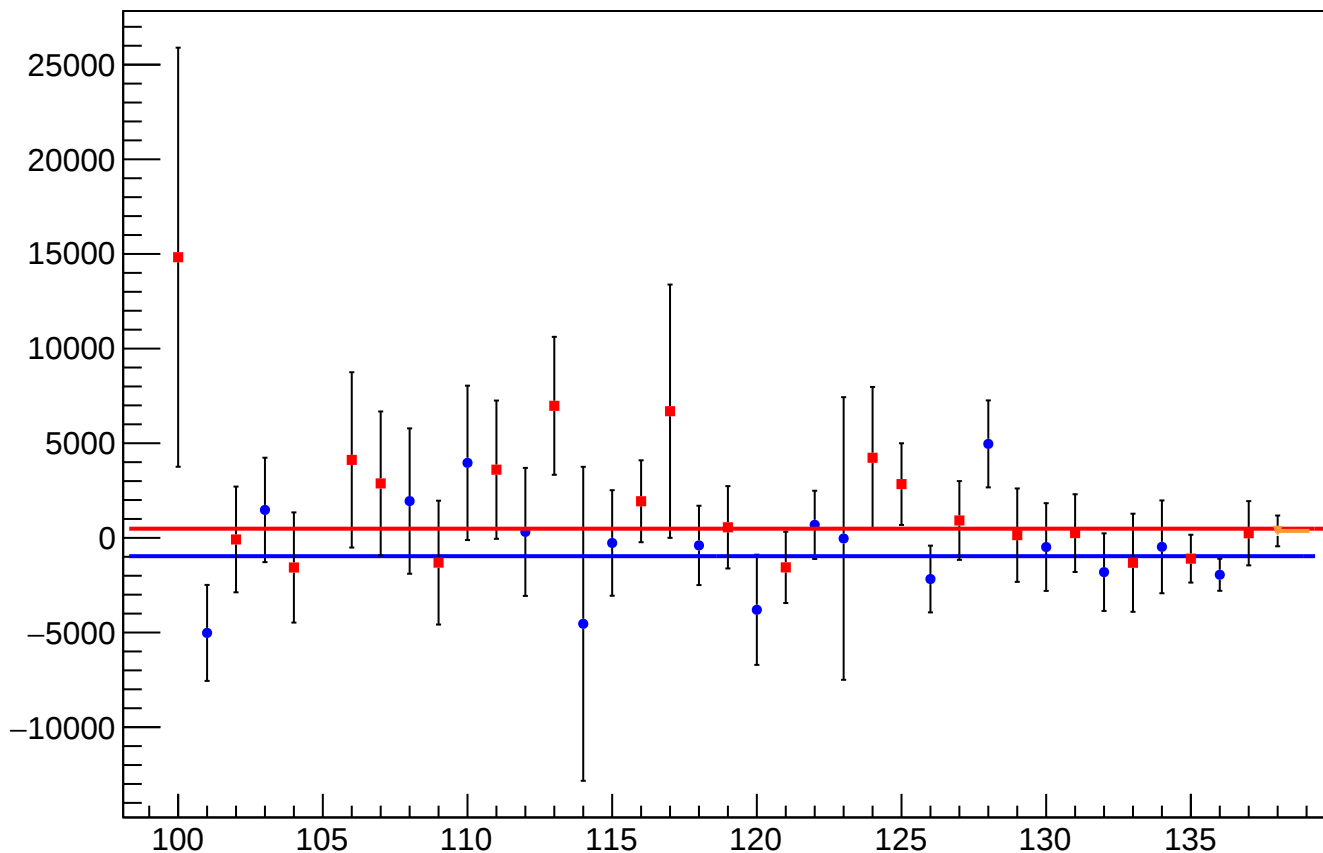
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

117.925+/-0.032 χ^2/NDF : 1152555.9/17

121.334+/-0.024 χ^2/NDF : 2511277.2/37

125.404+/-0.035 χ^2/NDF : 1334075.7/19

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -966.587+/-512.340 χ^2/NDF : 16.4/16

Left Out: 368.465+/-812.647 χ^2/NDF : 0.0/0

Right Out: 485.654+/-543.567 χ^2/NDF : 14.3/19

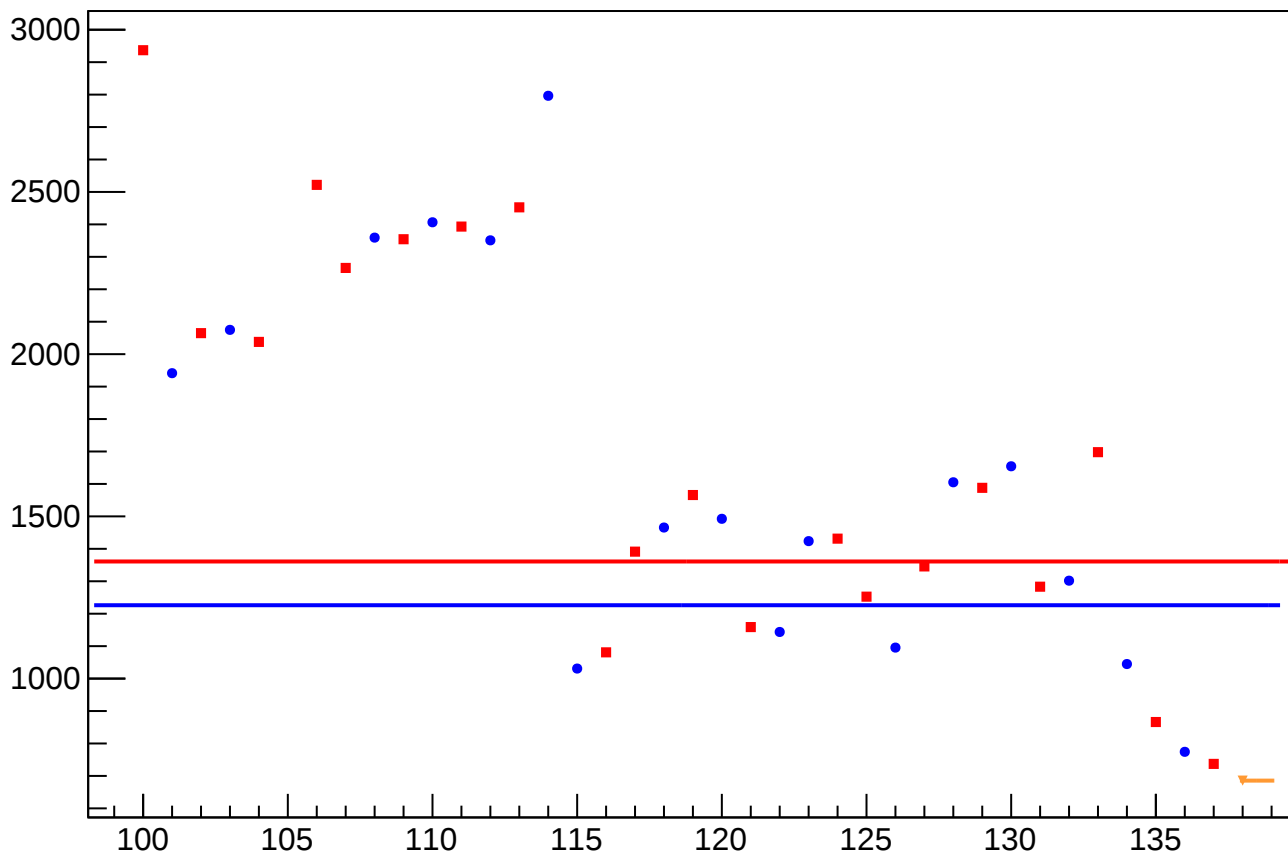
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-586.865+/-433.397 χ^2/NDF : 18.3/17

-170.032+/-338.869 χ^2/NDF : 34.9/37

485.654+/-543.567 χ^2/NDF : 14.3/19

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1226.135+/-0.362 χ^2/NDF : 1756323.1/16

Left Out: 685.545+/-0.575 χ^2/NDF : 0.0/0

Right Out: 1360.972+/-0.384 χ^2/NDF : 1749116.2/19

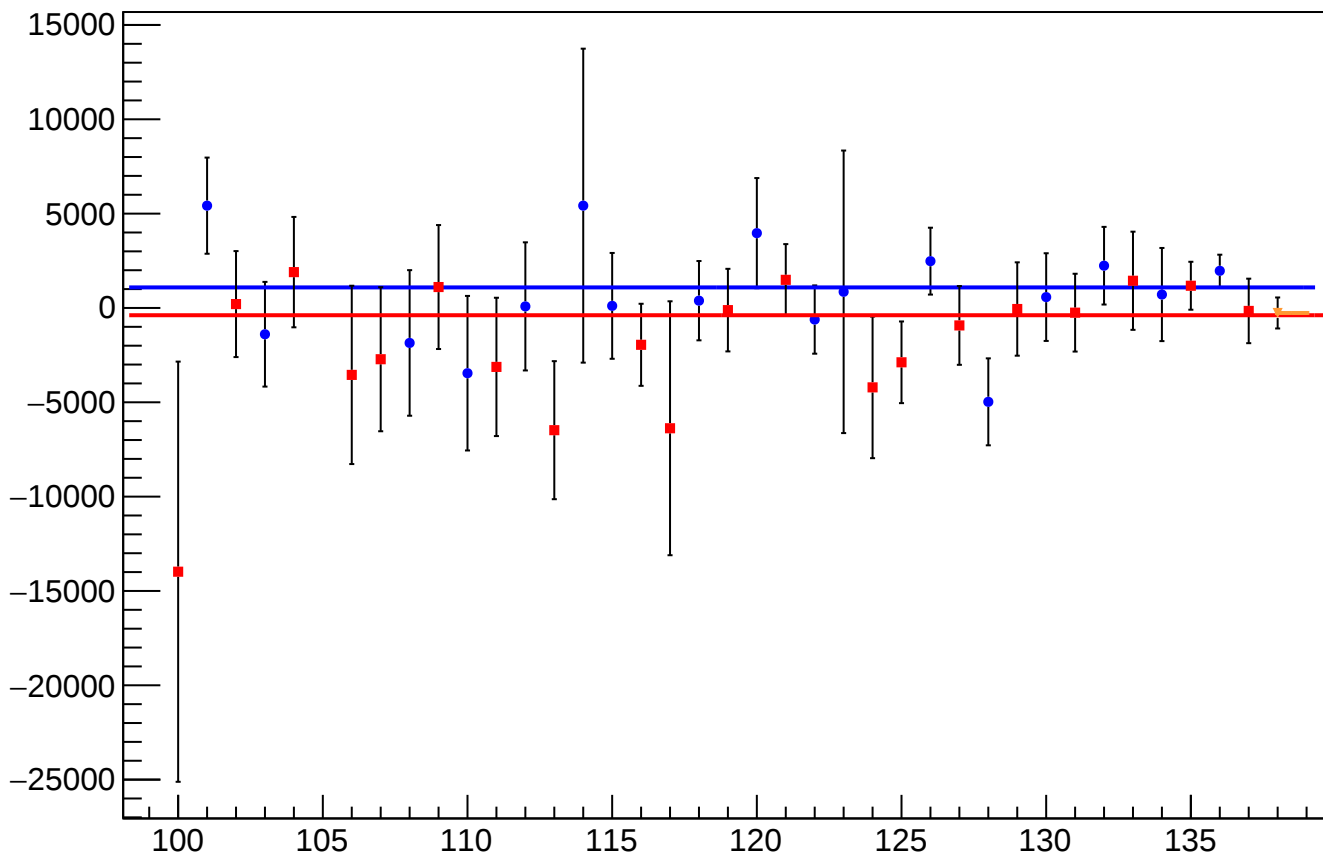
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1072.377+/-0.306 χ^2/NDF : 2389634.6/17

1184.539+/-0.240 χ^2/NDF : 4483410.3/37

1360.972+/-0.384 χ^2/NDF : 1749116.2/19

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1089.066+/-515.272 χ^2/NDF : 16.9/16

Left Out: -265.915+/-821.637 χ^2/NDF : 0.0/0

Right Out: -385.391+/-546.382 χ^2/NDF : 13.3/19

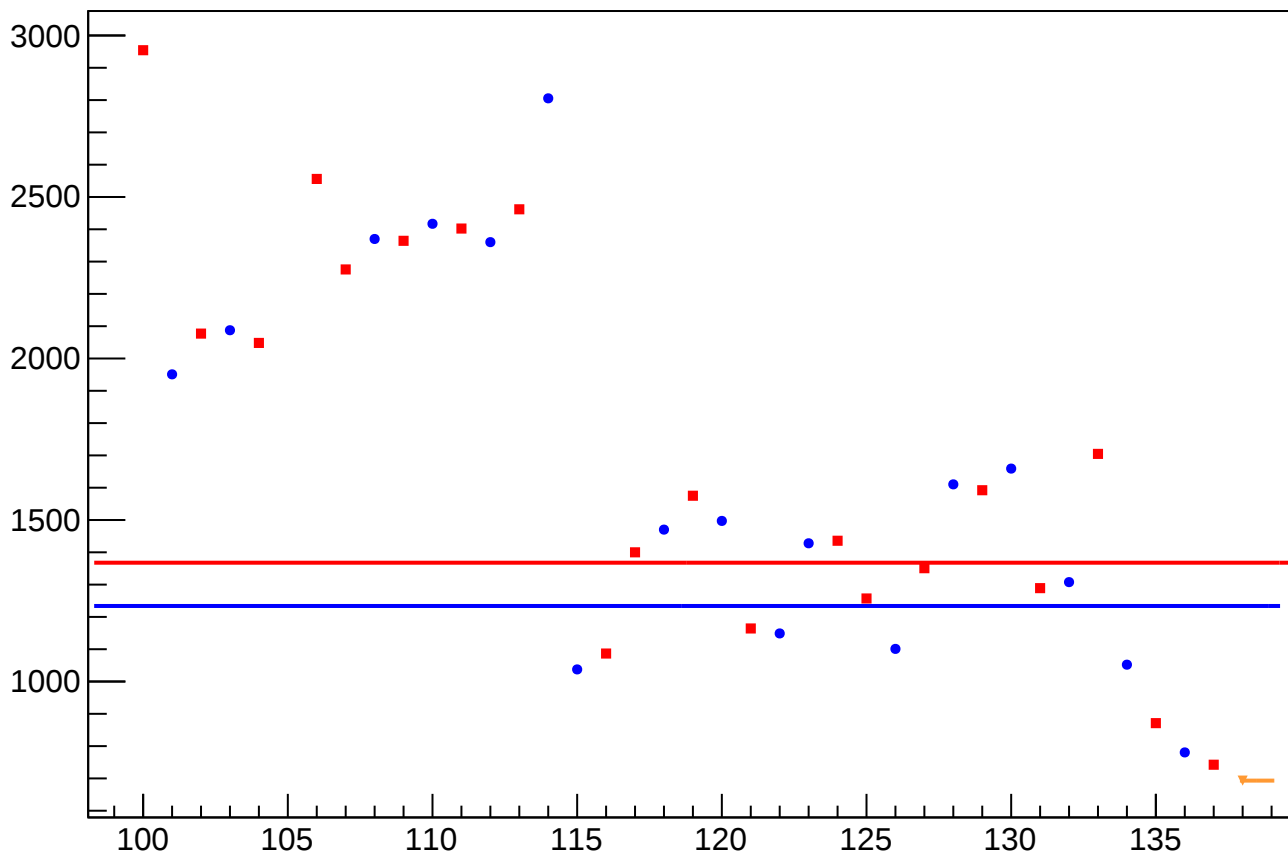
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

706.590+/-436.532 χ^2/NDF : 18.9/17

281.133+/-341.049 χ^2/NDF : 34.6/37

-385.391+/-546.382 χ^2/NDF : 13.3/19

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1233.863 $\pm$ 0.364 χ^2 /NDF: 1744048.5/16

Left Out: 693.227 $\pm$ 0.581 χ^2 /NDF: 0.0/0

Right Out: 1367.823 $\pm$ 0.386 χ^2 /NDF: 1744640.3/19

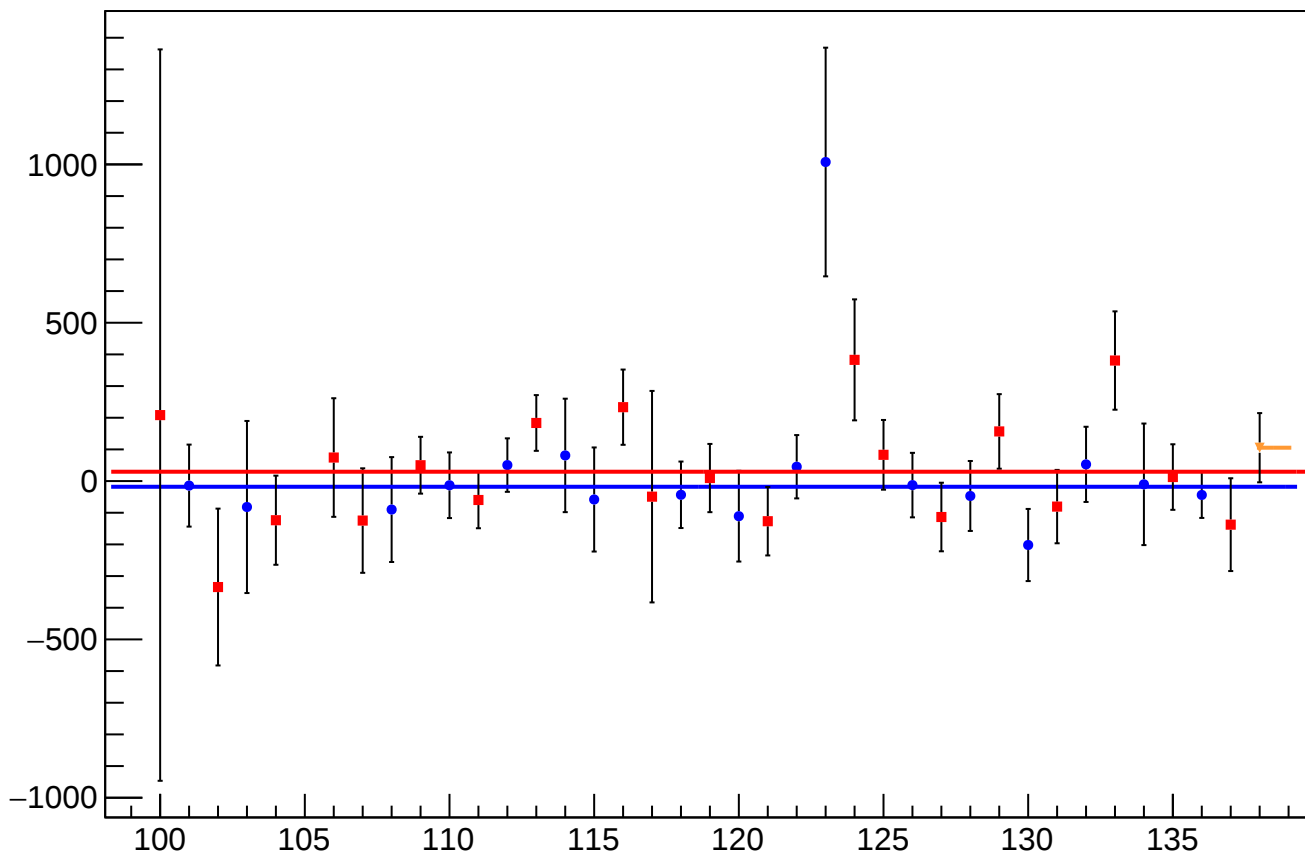
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1081.255 $\pm$ 0.309 χ^2 /NDF: 2365542.5/17

1192.907 $\pm$ 0.241 χ^2 /NDF: 4445991.6/37

1367.823 $\pm$ 0.386 χ^2 /NDF: 1744640.3/19

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -17.972 ± 28.848 χ^2/NDF : 13.4/16

Left Out: 105.370 ± 109.299 χ^2/NDF : 0.0/0

Right Out: 29.517 ± 27.879 χ^2/NDF : 27.5/19

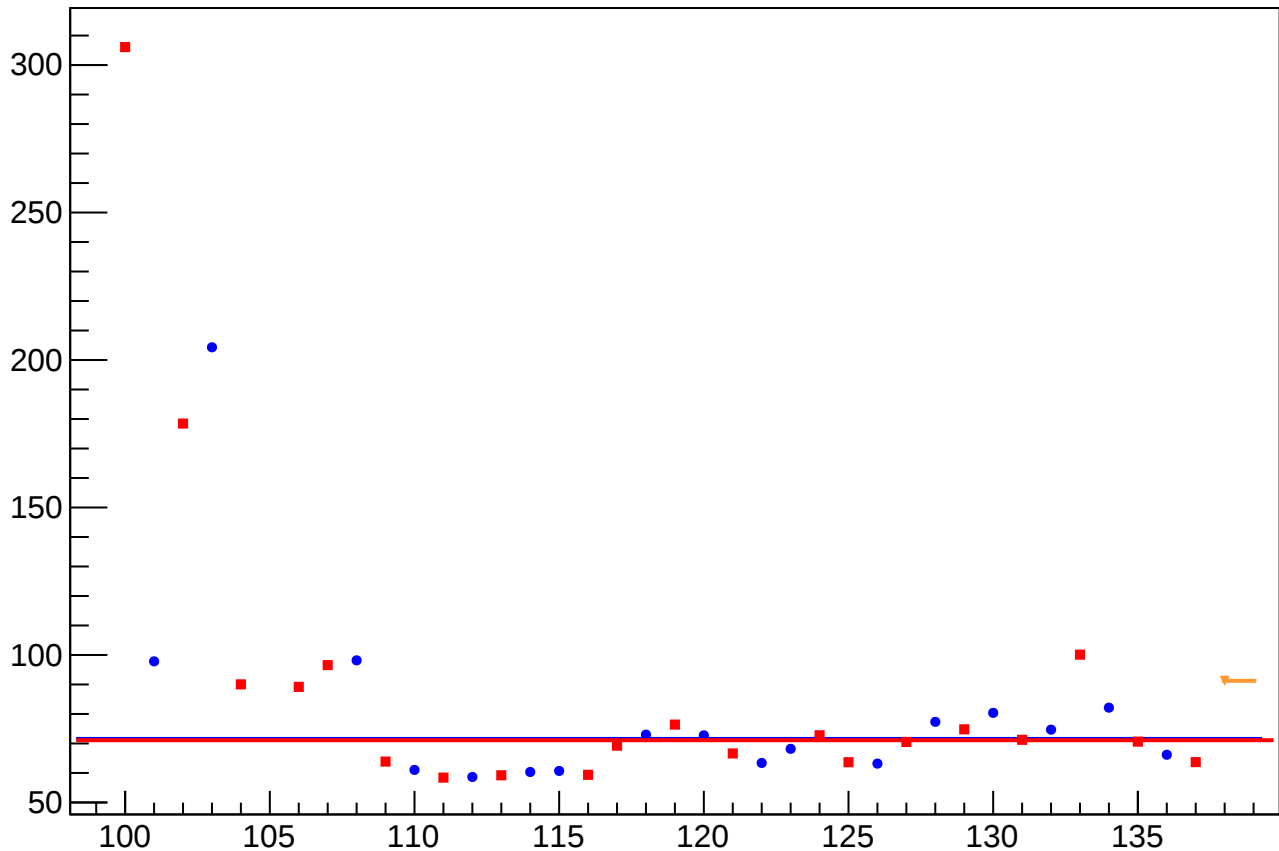
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-9.939 ± 27.893 χ^2/NDF : 14.6/17

9.799 ± 19.718 χ^2/NDF : 43.0/37

29.517 ± 27.879 χ^2/NDF : 27.5/19

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 71.536 $\pm$ 0.020 χ^2 /NDF: 758961.6/16

Left Out: 91.247 $\pm$ 0.077 χ^2 /NDF: 0.0/0

Right Out: 71.102 $\pm$ 0.020 χ^2 /NDF: 765220.8/19

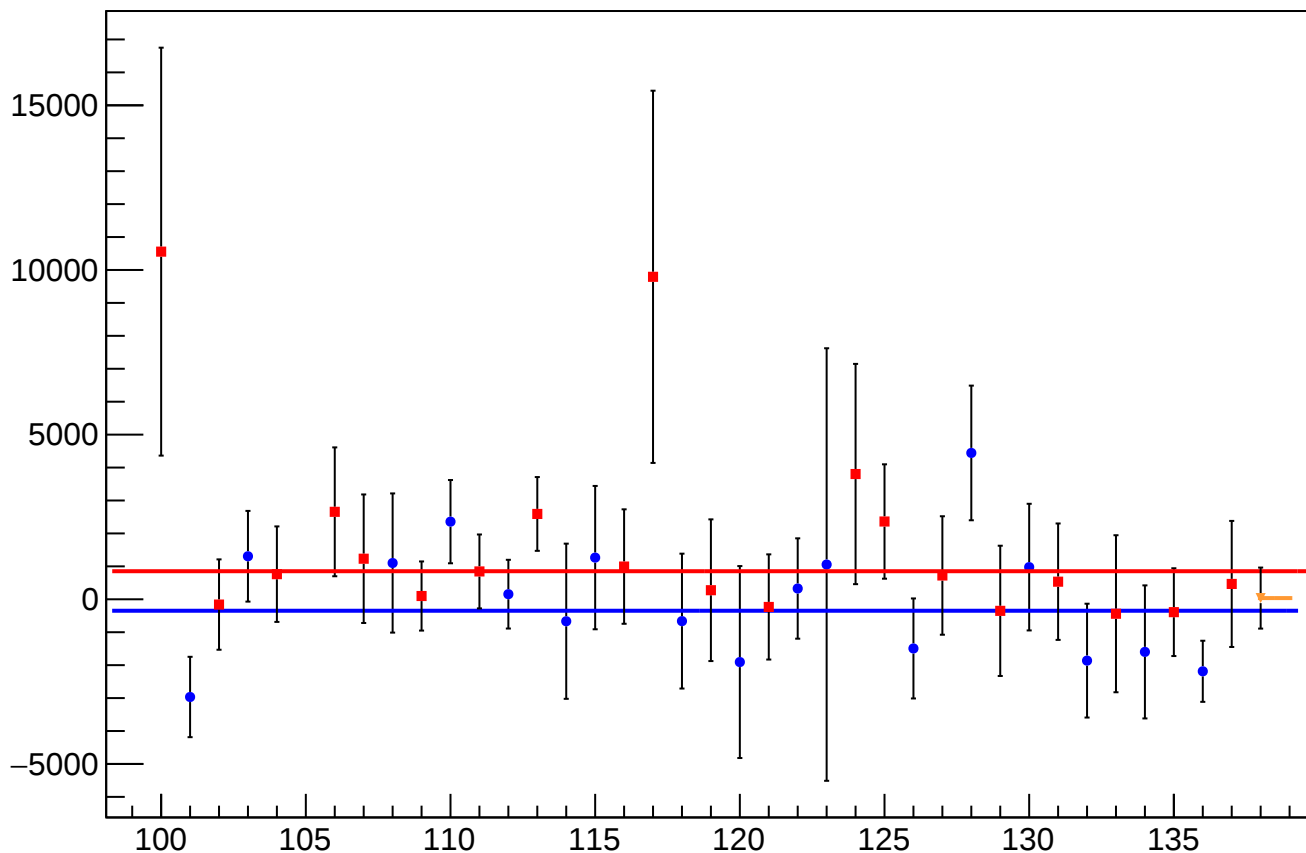
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

72.819 $\pm$ 0.020 χ^2 /NDF: 819771.0/17

71.960 $\pm$ 0.014 χ^2 /NDF: 1588785.4/37

71.102 $\pm$ 0.020 χ^2 /NDF: 765220.8/19

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -347.939+/-381.994 χ^2/NDF : 24.1/16

Left Out: 36.490+/-926.665 χ^2/NDF : 0.0/0

Right Out: 852.433+/-369.018 χ^2/NDF : 13.0/19

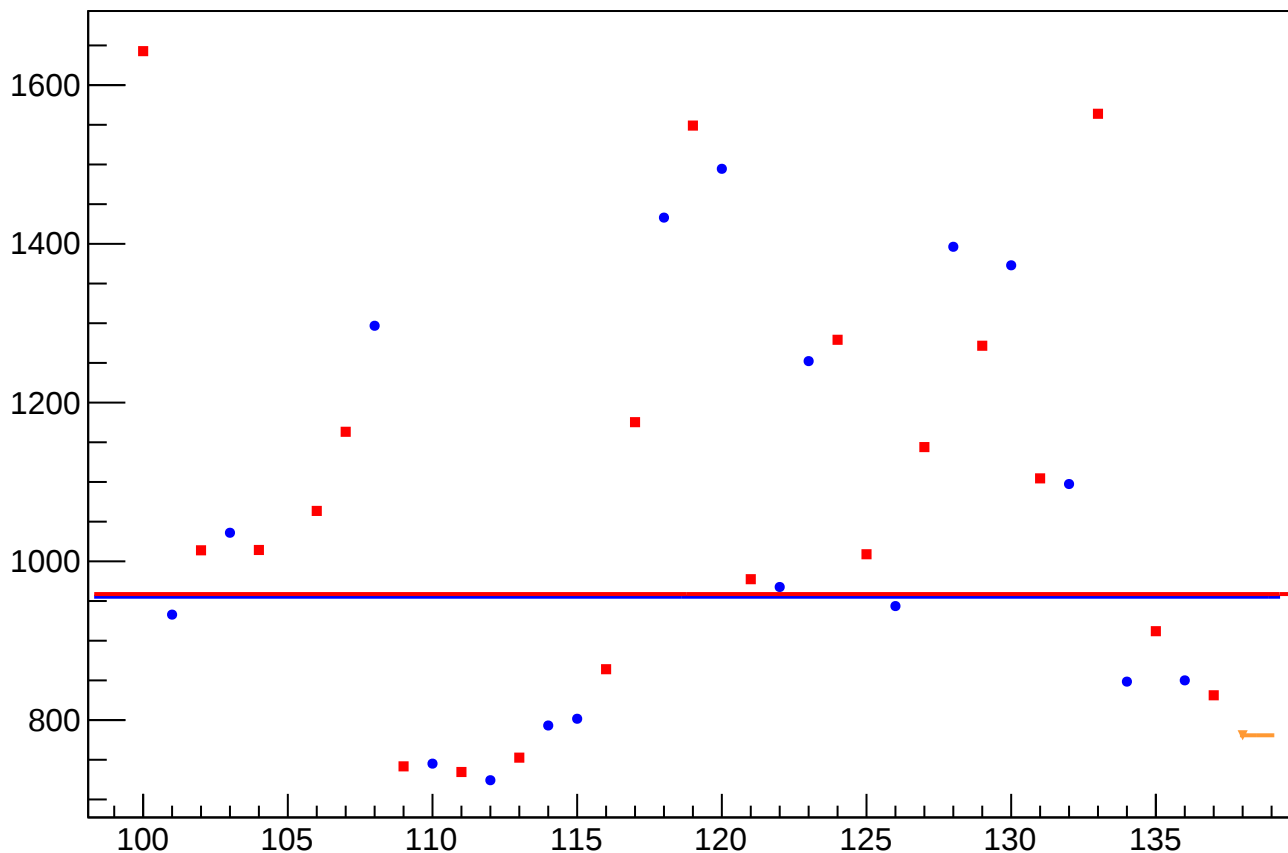
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-292.102+/-353.164 χ^2/NDF : 24.2/17

255.052+/-255.145 χ^2/NDF : 42.2/37

852.433+/-369.018 χ^2/NDF : 13.0/19

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 955.425+/-0.270 χ^2/NDF : 646512.4/16

Left Out: 780.840+/-0.655 χ^2/NDF : 0.0/0

Right Out: 958.776+/-0.261 χ^2/NDF : 696031.2/19

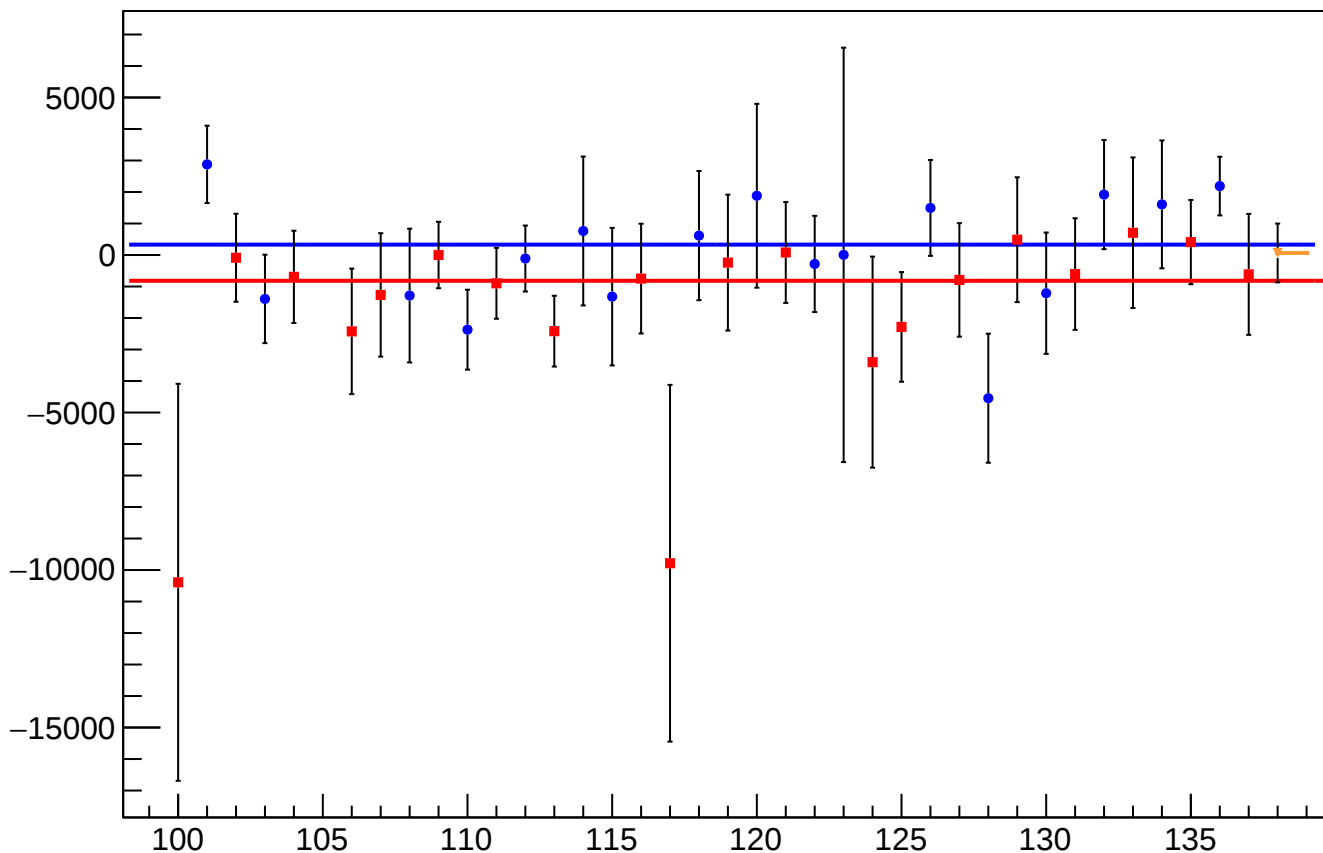
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

930.067+/-0.250 χ^2/NDF : 707191.8/17

943.792+/-0.180 χ^2/NDF : 1409541.1/37

958.776+/-0.261 χ^2/NDF : 696031.2/19

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 329.164+/-383.728 χ^2/NDF : 24.3/16

Left Out: 64.417+/-933.207 χ^2/NDF : 0.0/0

Right Out: -818.253+/-370.875 χ^2/NDF : 11.8/19

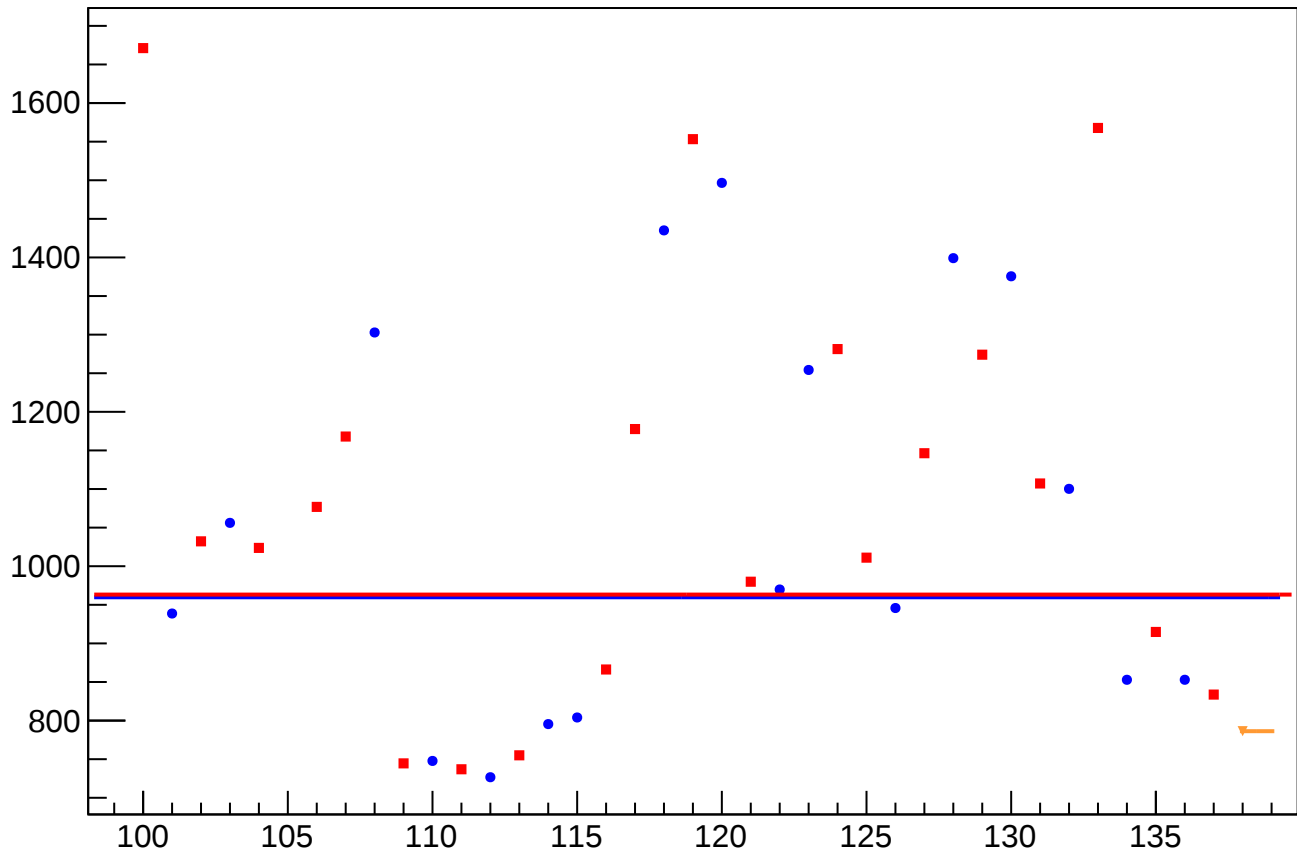
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

290.874+/-354.896 χ^2/NDF : 24.4/17

-239.283+/-256.412 χ^2/NDF : 40.9/37

-818.253+/-370.875 χ^2/NDF : 11.8/19

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 959.770+/-0.271 χ^2/NDF : 646727.9/16

Left Out: 786.276+/-0.660 χ^2/NDF : 0.0/0

Right Out: 963.238+/-0.262 χ^2/NDF : 698638.3/19

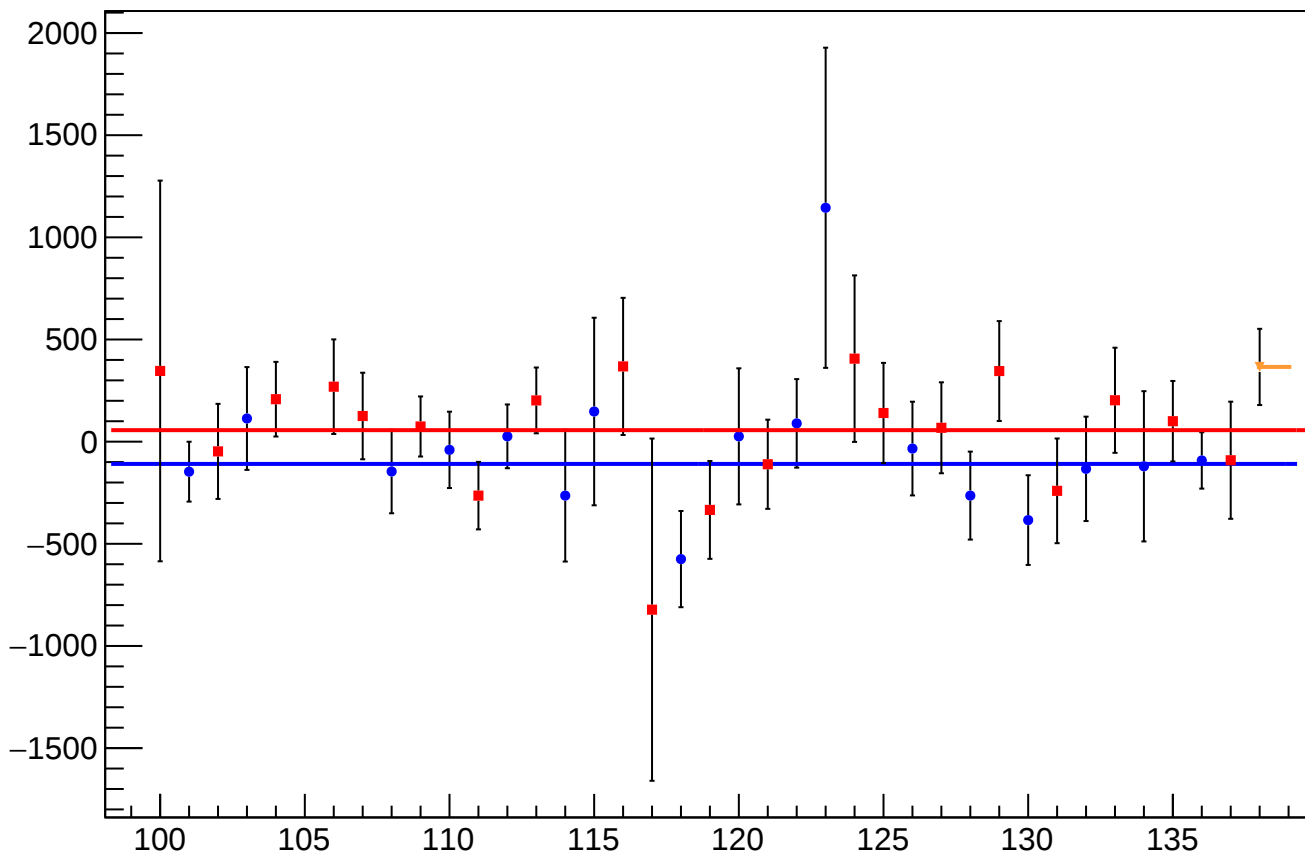
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

934.679+/-0.251 χ^2/NDF : 705857.3/17

948.330+/-0.181 χ^2/NDF : 1410686.3/37

963.238+/-0.262 χ^2/NDF : 698638.3/19

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -108.977 ± 52.923 χ^2/NDF : 12.0/16

Left Out: 365.760 ± 186.531 χ^2/NDF : 0.0/0

Right Out: 56.241 ± 50.729 χ^2/NDF : 16.0/19

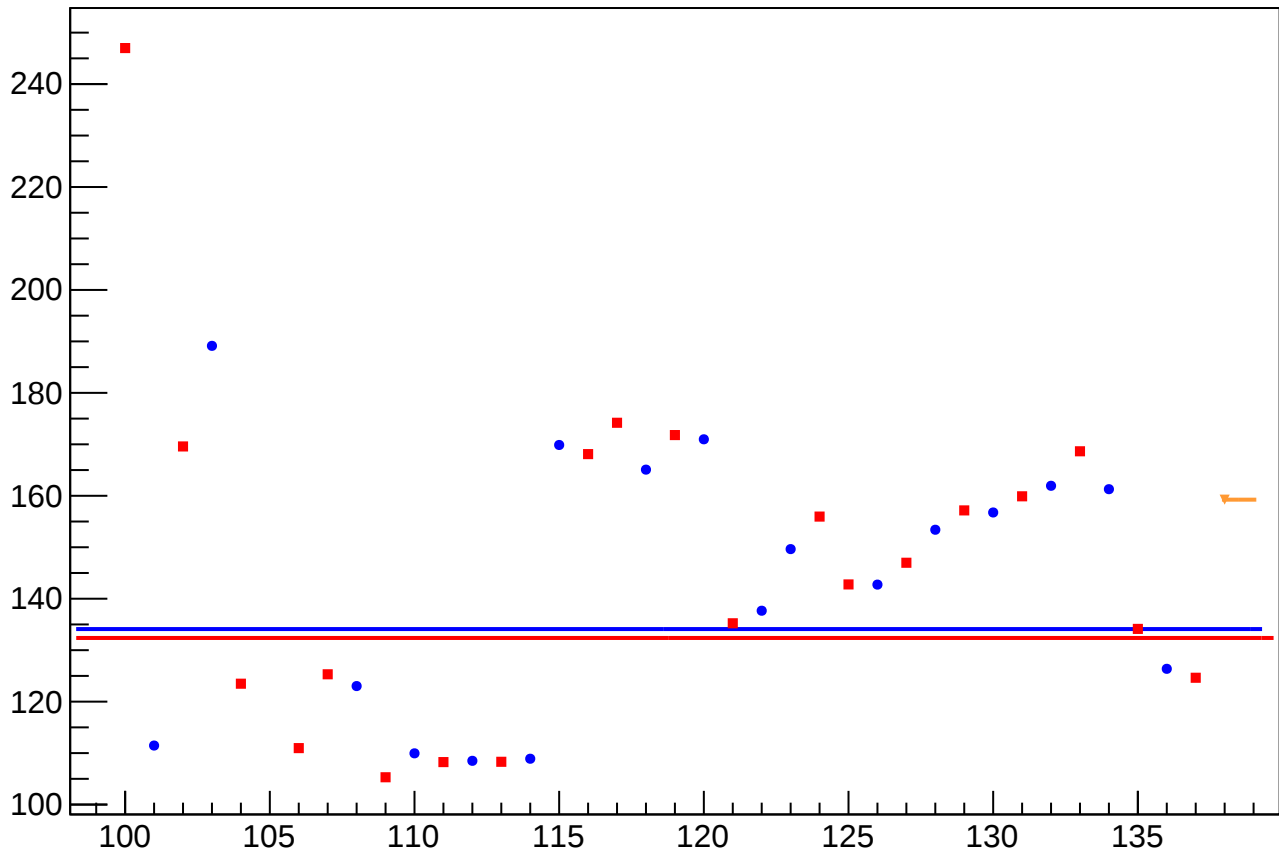
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-73.609 ± 50.913 χ^2/NDF : 18.0/17

-8.449 ± 35.936 χ^2/NDF : 37.2/37

56.241 ± 50.729 χ^2/NDF : 16.0/19

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 134.103+/-0.037 χ^2/NDF : 402581.2/16

Left Out: 159.247+/-0.132 χ^2/NDF : 0.0/0

Right Out: 132.373+/-0.036 χ^2/NDF : 446741.9/19

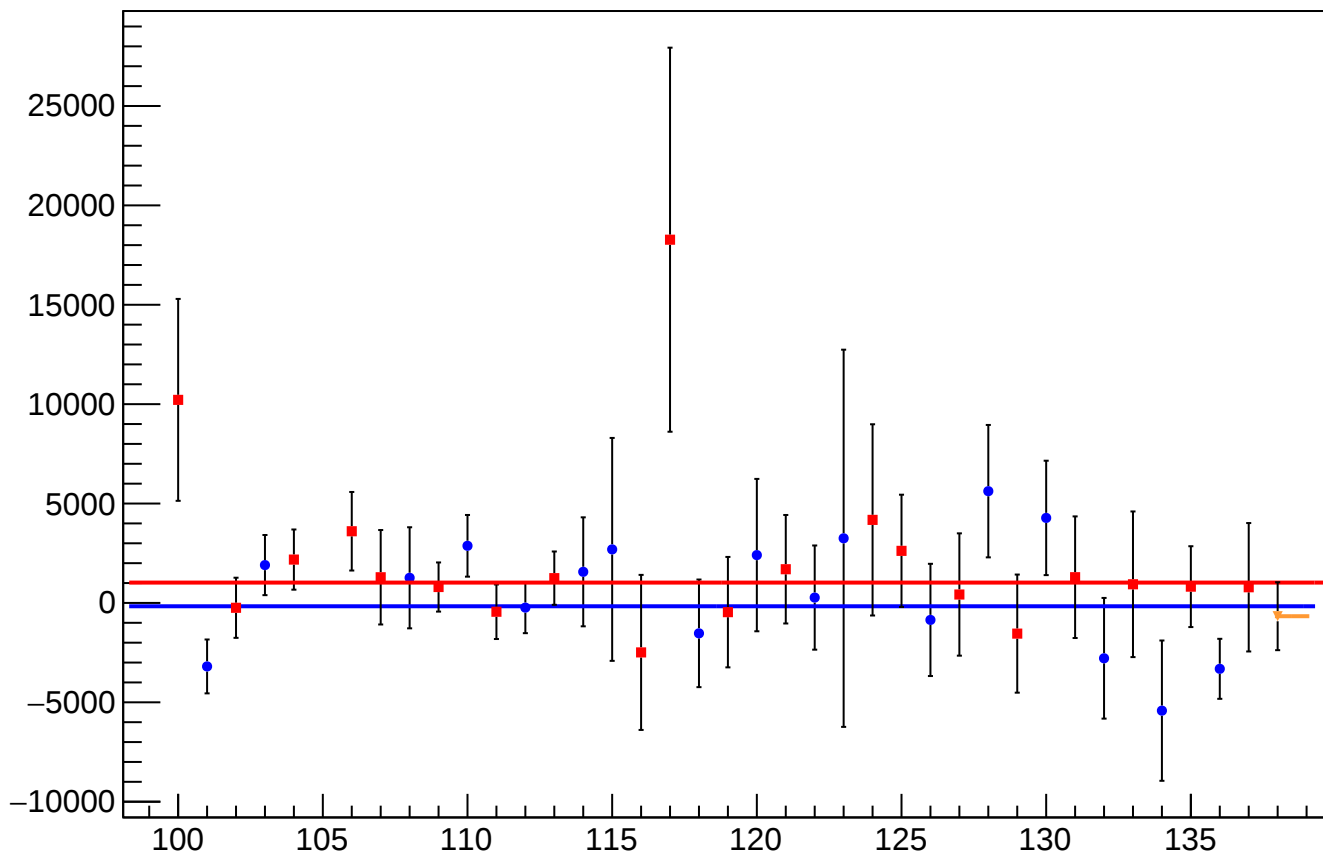
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

135.976+/-0.036 χ^2/NDF : 436213.8/17

134.168+/-0.025 χ^2/NDF : 887983.9/37

132.373+/-0.036 χ^2/NDF : 446741.9/19

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -168.237+/-523.672 χ^2/NDF : 25.3/16

Left Out: -668.470+/-1708.375 χ^2/NDF : 0.0/0

Right Out: 1023.271+/-480.373 χ^2/NDF : 13.4/19

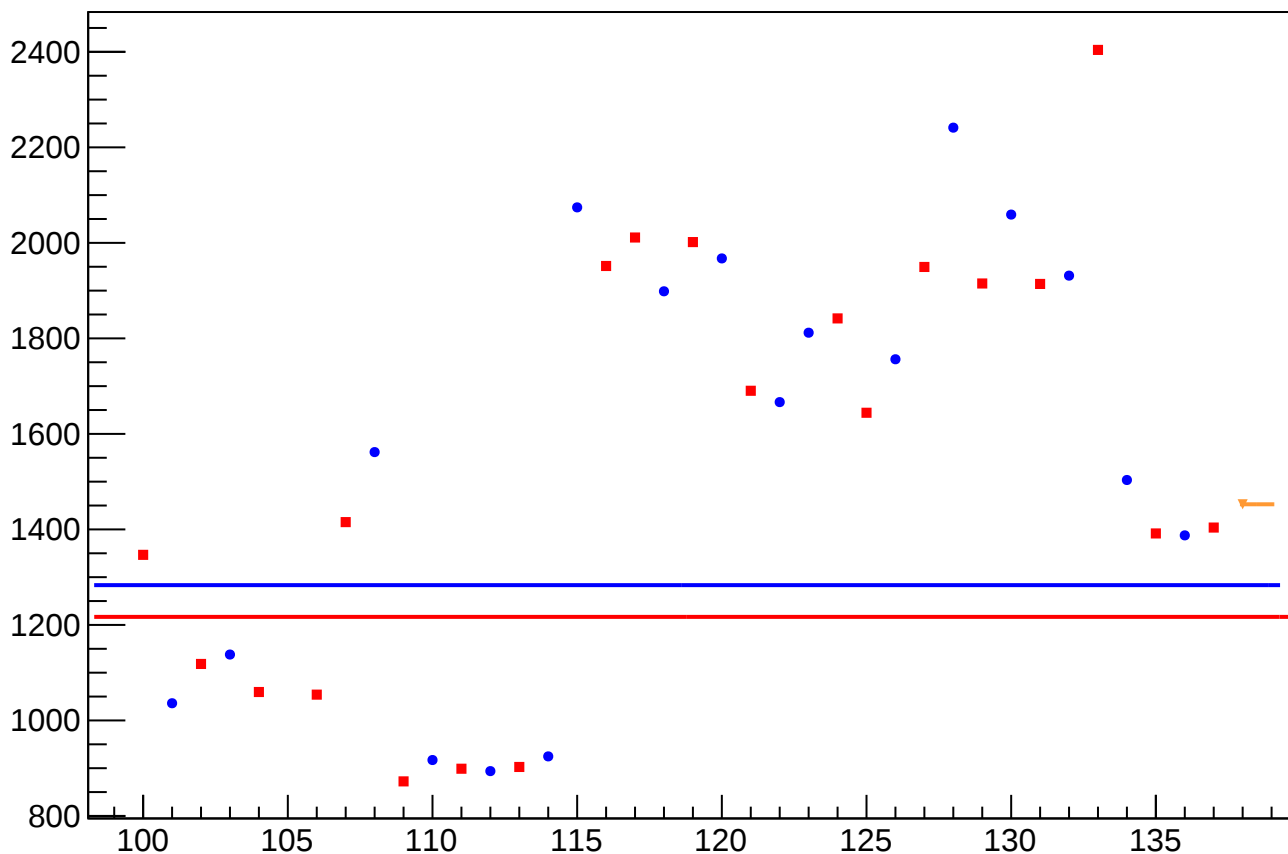
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-211.203+/-500.678 χ^2/NDF : 25.4/17

431.573+/-346.631 χ^2/NDF : 42.0/37

1023.271+/-480.373 χ^2/NDF : 13.4/19

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1283.318 $\pm$ 0.370 χ^2 /NDF: 1169431.5/16

Left Out: 1452.615 $\pm$ 1.208 χ^2 /NDF: 0.0/0

Right Out: 1216.852 $\pm$ 0.340 χ^2 /NDF: 1374416.0/19

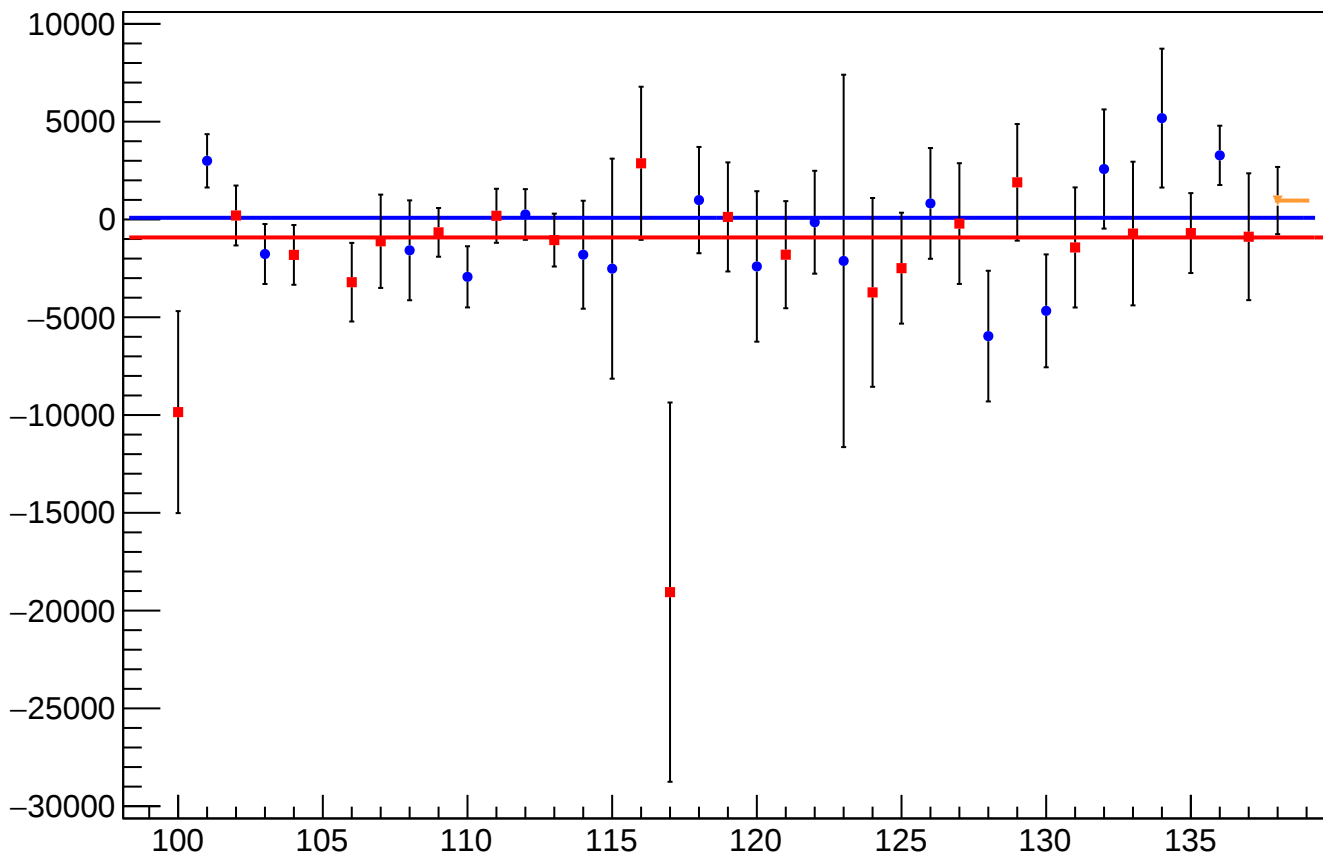
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1297.859 $\pm$ 0.354 χ^2 /NDF: 1187385.4/17

1255.679 $\pm$ 0.245 χ^2 /NDF: 2589062.2/37

1216.852 $\pm$ 0.340 χ^2 /NDF: 1374416.0/19

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 85.077+/-527.082 χ^2 /NDF: 24.7/16

Left Out: 966.214+/-1718.961 χ^2 /NDF:0.0/0

Right Out: -919.892+/-484.043 χ^2 /NDF: 12.2/19

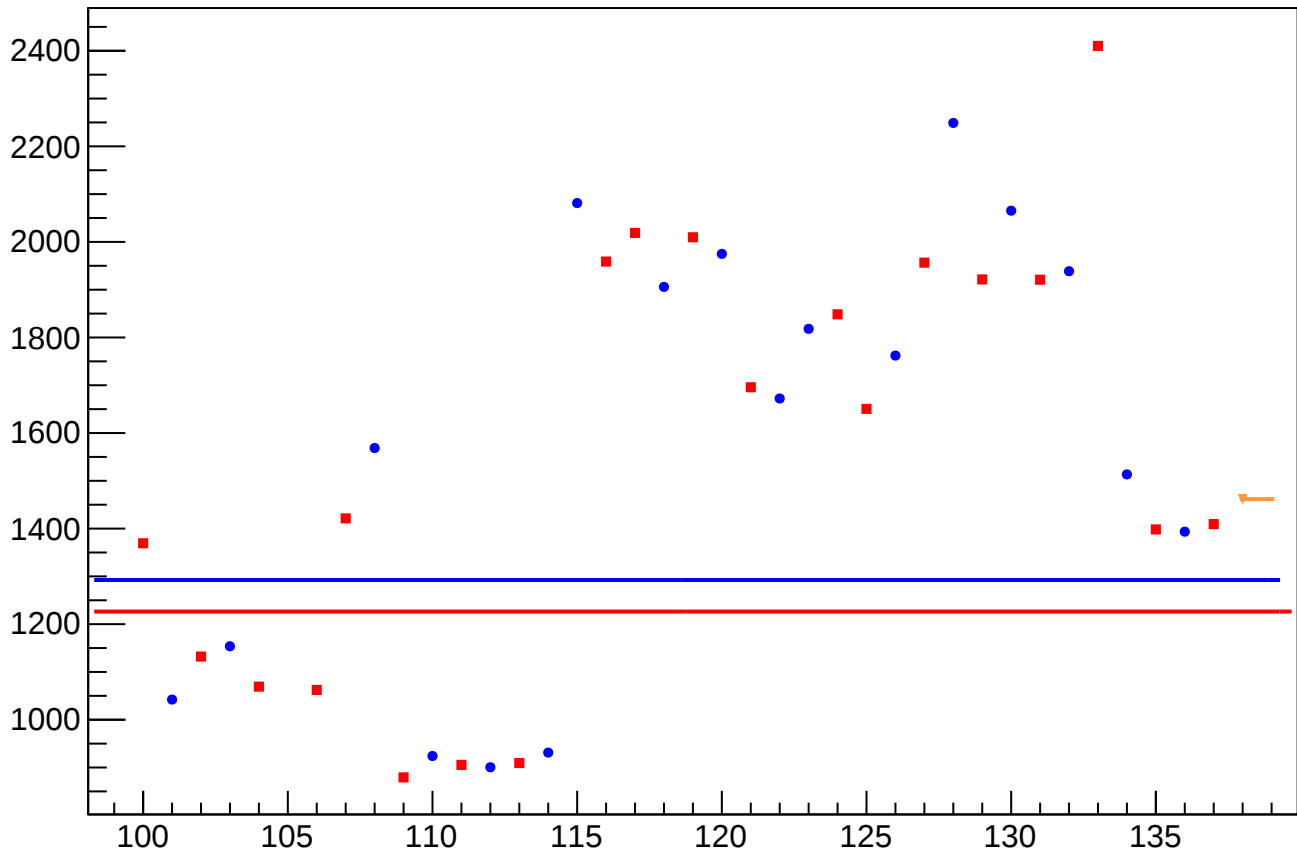
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

160.802+/-503.925 χ^2 /NDF: 24.9/17

-401.284+/-349.087 χ^2 /NDF: 39.5/37

-919.892+/-484.043 χ^2 /NDF: 12.2/19

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1292.426+/-0.373 χ^2/NDF : 1156576.0/16

Left Out: 1461.780+/-1.215 χ^2/NDF : 0.0/0

Right Out: 1226.408+/-0.342 χ^2/NDF : 1359134.9/19

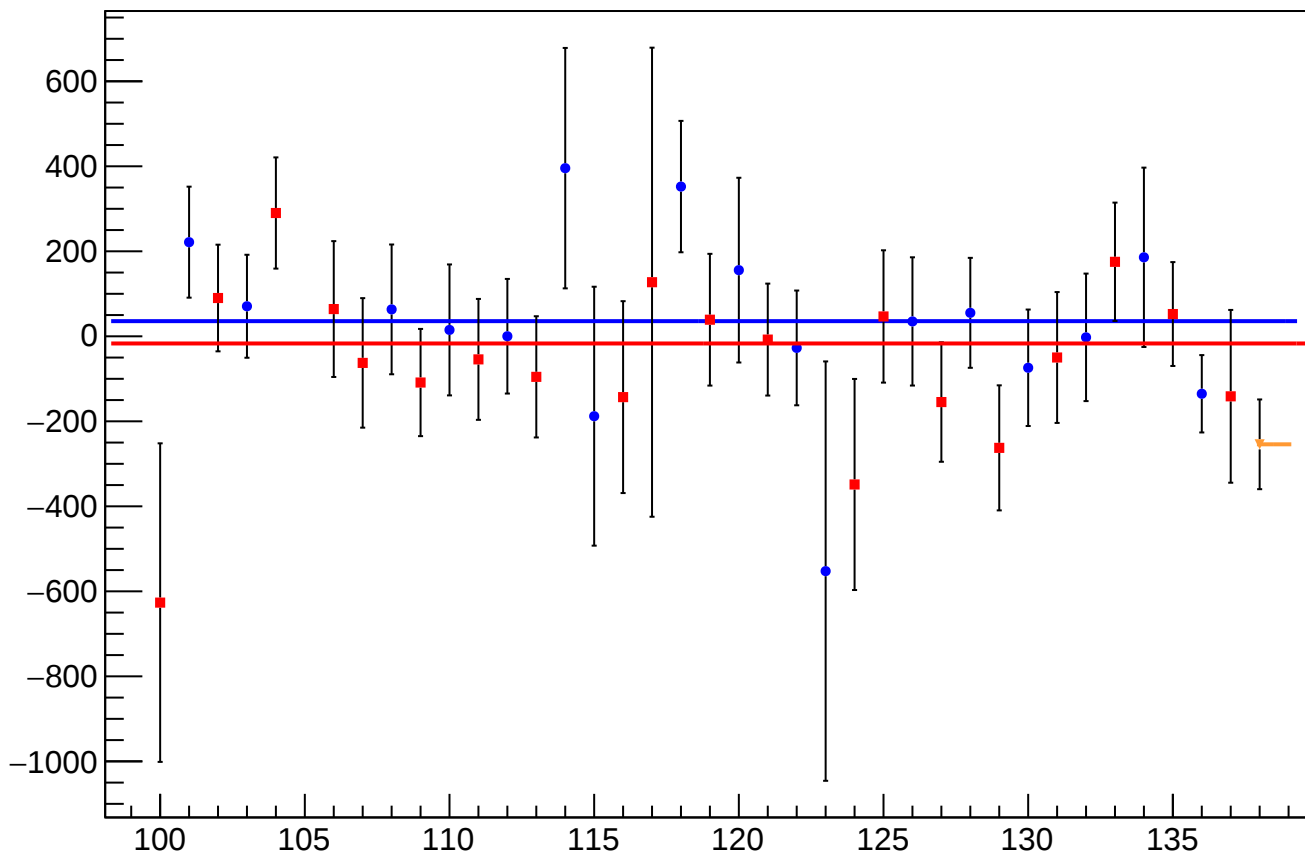
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1306.980+/-0.356 χ^2/NDF : 1174320.6/17

1265.073+/-0.247 χ^2/NDF : 2560048.4/37

1226.408+/-0.342 χ^2/NDF : 1359134.9/19

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 35.679 $\pm$ 36.350 χ^2 /NDF: 15.3/16

Left Out: -254.112 $\pm$ 105.563 χ^2 /NDF: 0.0/0

Right Out: -16.849 $\pm$ 34.623 χ^2 /NDF: 19.0/19

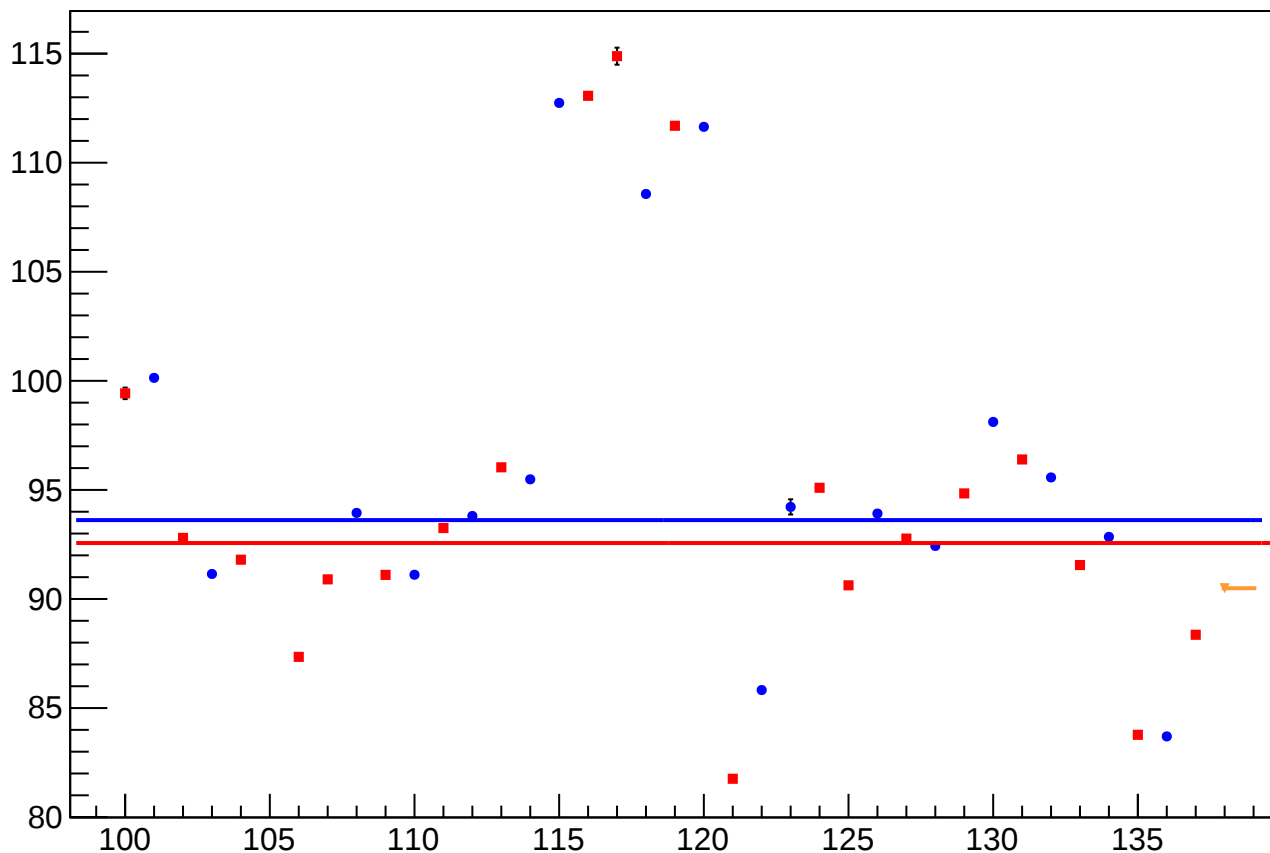
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

4.960 $\pm$ 34.370 χ^2 /NDF: 22.0/17

-5.865 $\pm$ 24.392 χ^2 /NDF: 41.2/37

-16.849 $\pm$ 34.623 χ^2 /NDF: 19.0/19

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 93.616 $\pm$ 0.026 χ^2 /NDF: 79928.5/16

Left Out: 90.492 $\pm$ 0.075 χ^2 /NDF: 0.0/0

Right Out: 92.565 $\pm$ 0.024 χ^2 /NDF: 81875.5/19

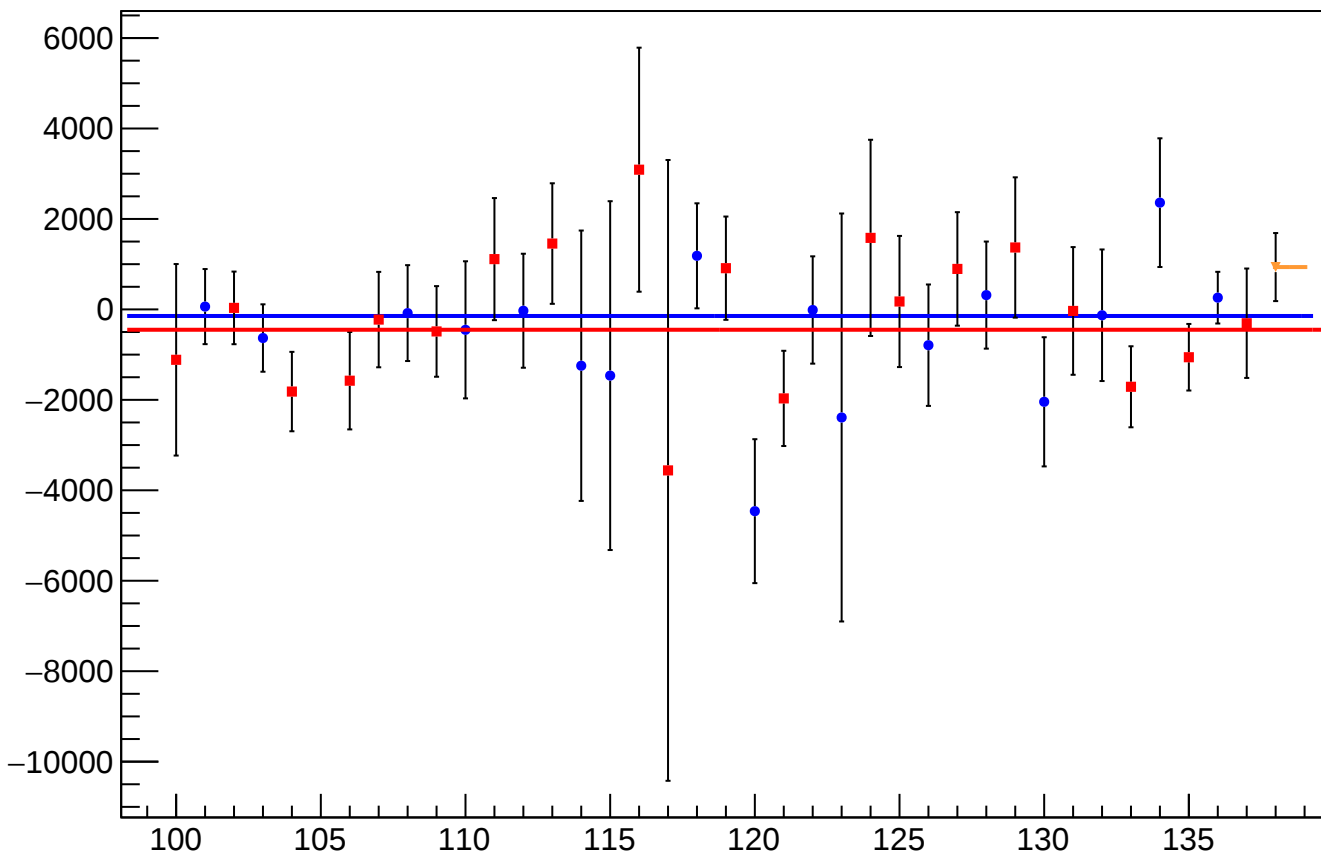
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

93.285 $\pm$ 0.024 χ^2 /NDF: 81494.4/17

92.928 $\pm$ 0.017 χ^2 /NDF: 163804.8/37

92.565 $\pm$ 0.024 χ^2 /NDF: 81875.5/19

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -145.464+/-276.629 χ^2/NDF : 15.5/16

Left Out: 936.012+/-752.393 χ^2/NDF : 0.0/0

Right Out: -450.047+/-260.089 χ^2/NDF : 19.2/19

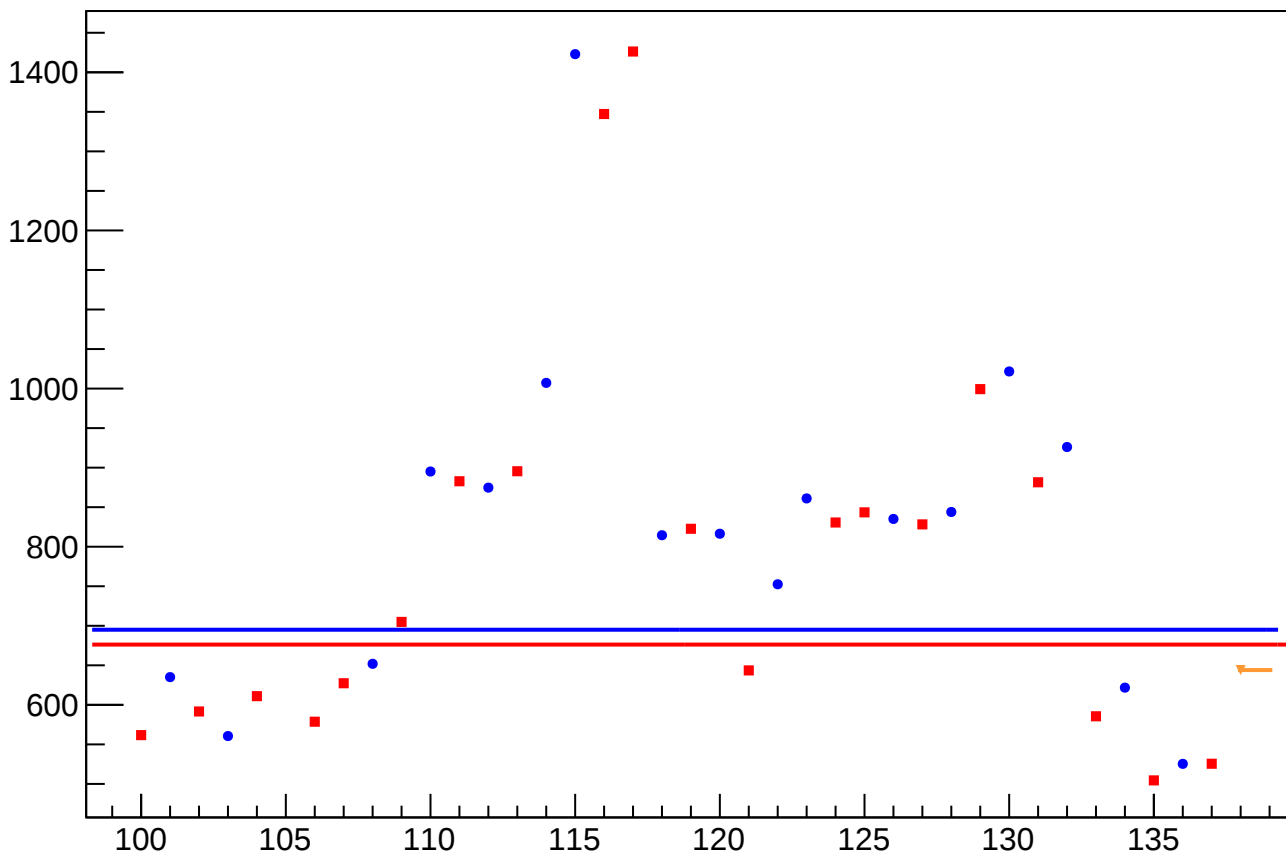
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-16.681+/-259.637 χ^2/NDF : 17.3/17

-232.987+/-183.750 χ^2/NDF : 37.9/37

-450.047+/-260.089 χ^2/NDF : 19.2/19

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 695.014+/-0.196 χ^2/NDF : 677713.0/16

Left Out: 644.016+/-0.532 χ^2/NDF : 0.0/0

Right Out: 676.229+/-0.184 χ^2/NDF : 700313.6/19

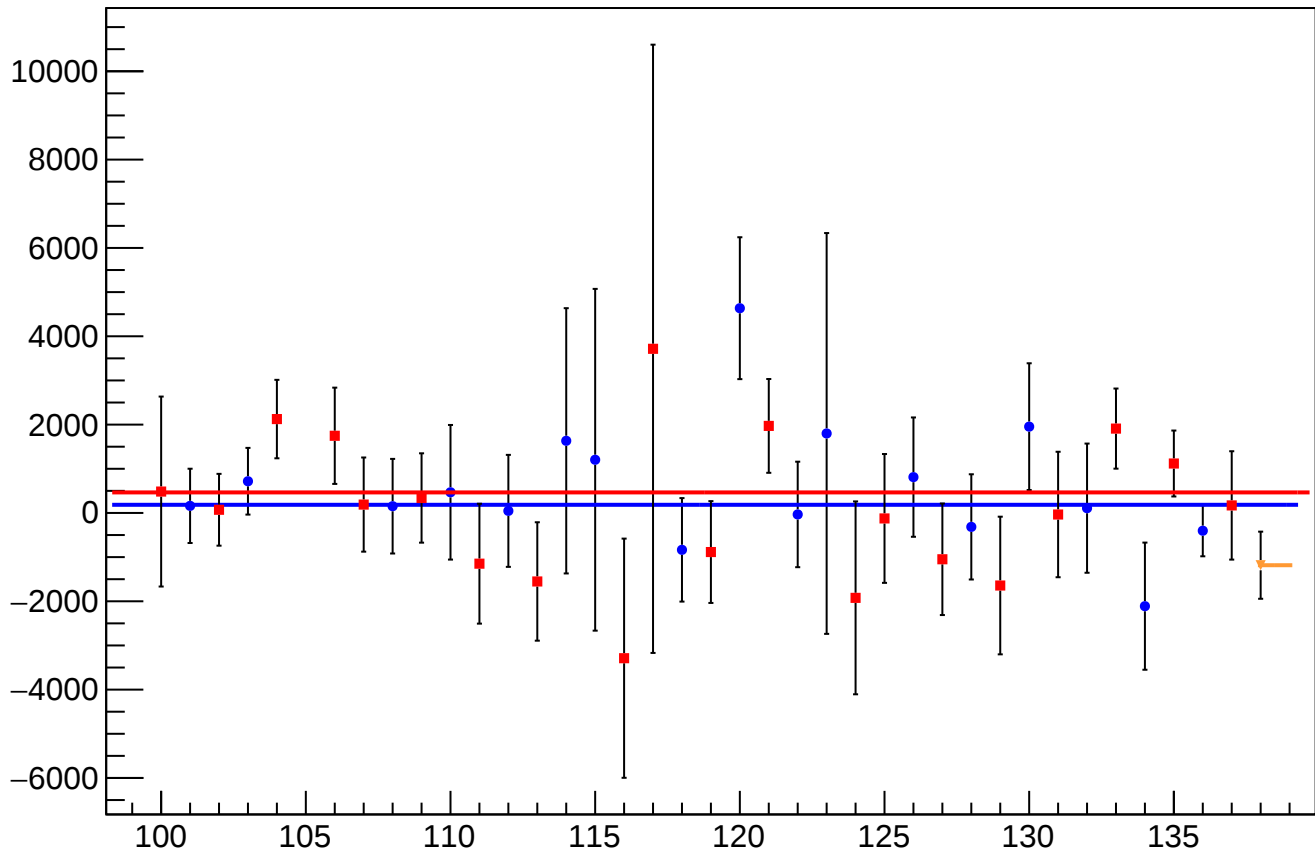
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

688.941+/-0.184 χ^2/NDF : 685807.4/17

682.596+/-0.130 χ^2/NDF : 1388513.8/37

676.229+/-0.184 χ^2/NDF : 700313.6/19

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 184.518 $\pm$ 279.390 χ^2 /NDF: 14.9/16

Left Out: -1183.379 $\pm$ 759.960 χ^2 /NDF: 0.0/0

Right Out: 464.916 $\pm$ 262.768 χ^2 /NDF: 22.5/19

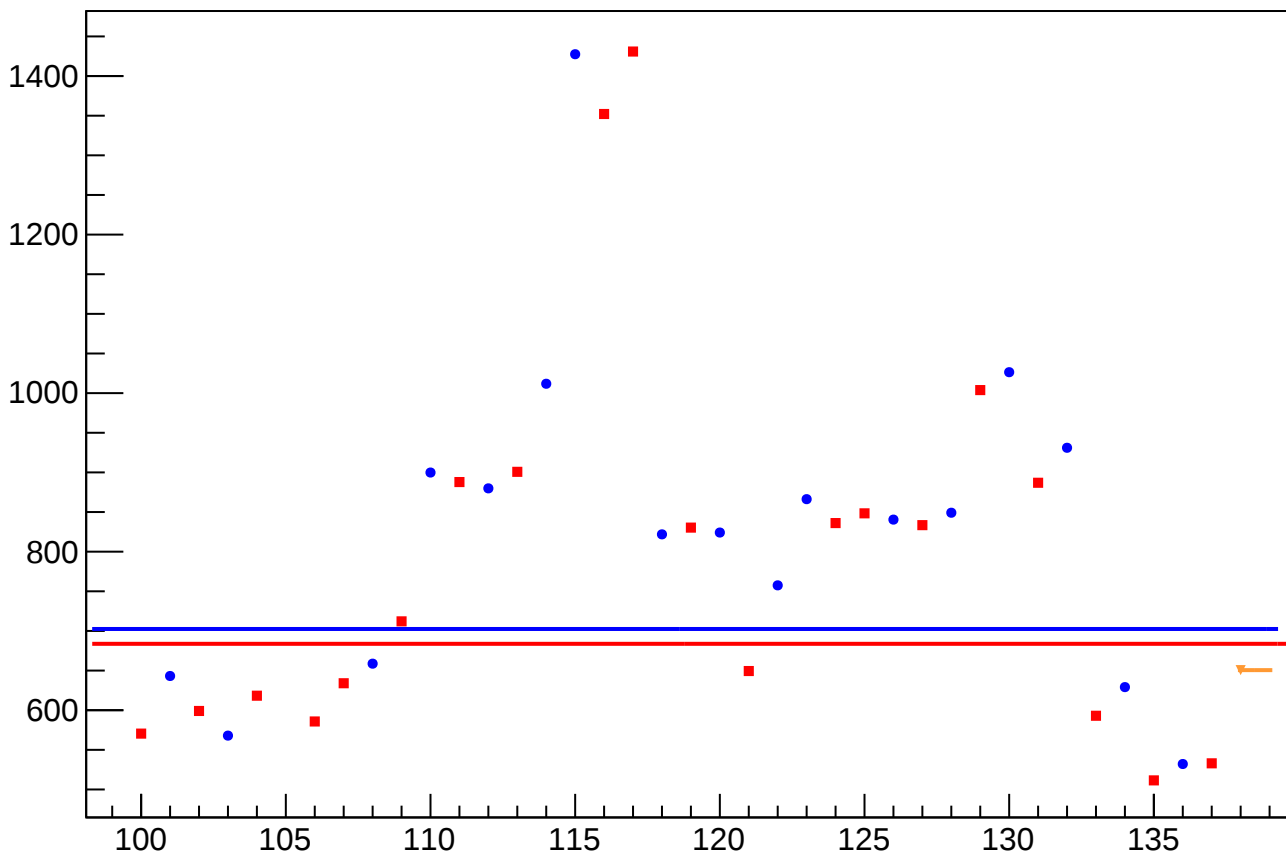
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

21.649 $\pm$ 262.230 χ^2 /NDF: 17.8/17

242.828 $\pm$ 185.615 χ^2 /NDF: 41.7/37

464.916 $\pm$ 262.768 χ^2 /NDF: 22.5/19

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 702.469+/-0.198 χ^2/NDF : 660525.4/16

Left Out: 650.553+/-0.537 χ^2/NDF : 0.0/0

Right Out: 683.751+/-0.186 χ^2/NDF : 683105.3/19

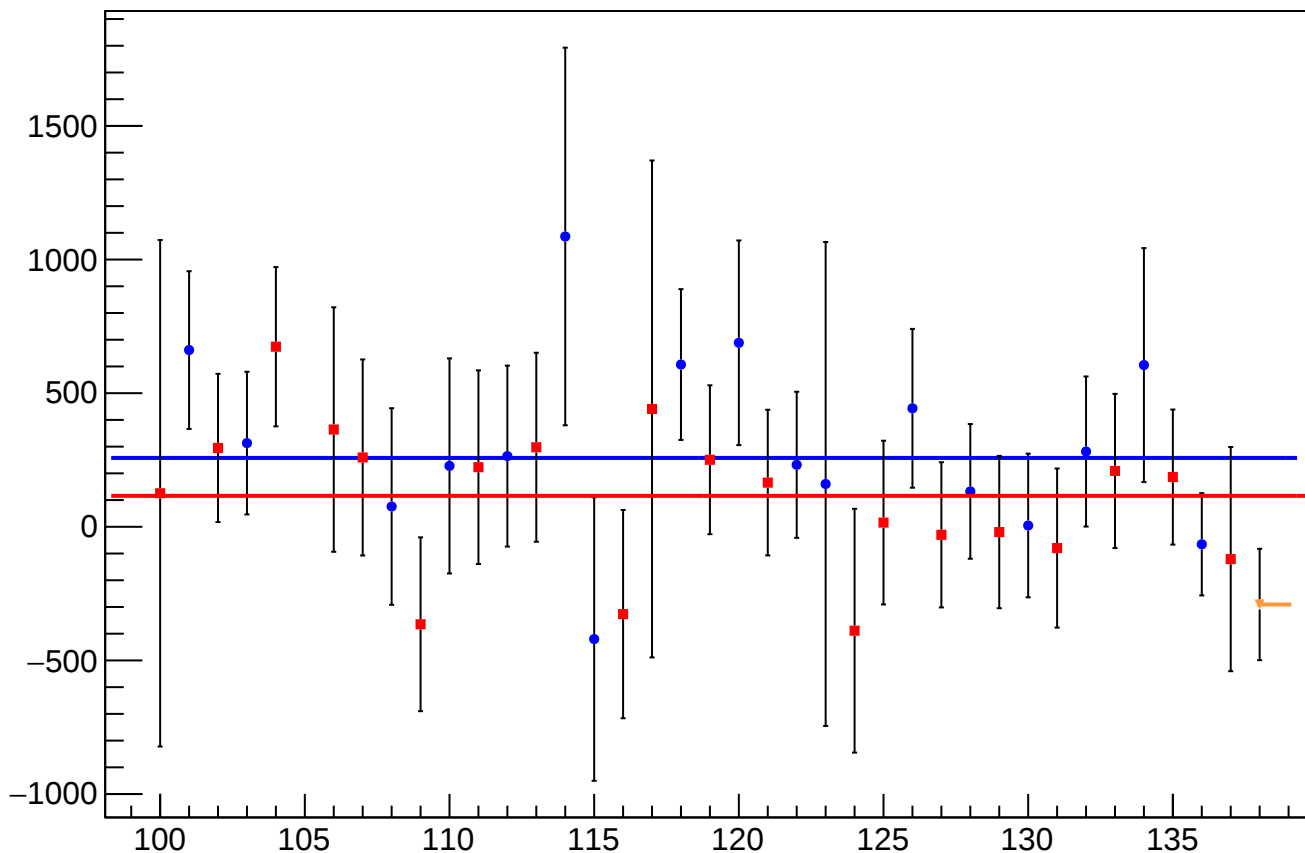
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

696.288+/-0.185 χ^2/NDF : 668747.7/17

690.032+/-0.131 χ^2/NDF : 1354133.8/37

683.751+/-0.186 χ^2/NDF : 683105.3/19

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 257.721 $\pm$ 75.931 χ^2 /NDF: 13.0/16

Left Out: -290.627 $\pm$ 208.316 χ^2 /NDF: 0.0/0

Right Out: 115.922 $\pm$ 73.976 χ^2 /NDF: 11.4/19

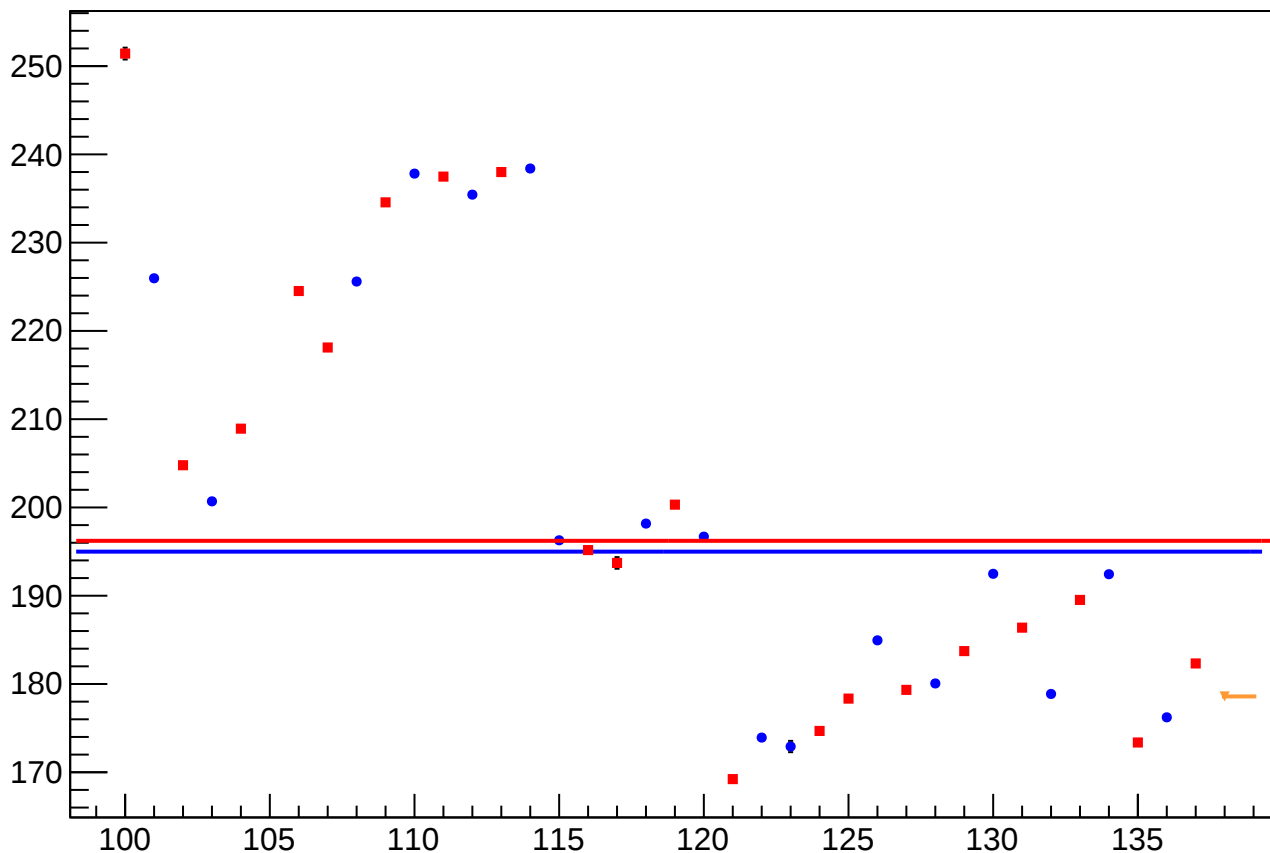
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

193.411 $\pm$ 71.340 χ^2 /NDF: 19.1/17

156.072 $\pm$ 51.351 χ^2 /NDF: 31.1/37

115.922 $\pm$ 73.976 χ^2 /NDF: 11.4/19

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 194.994 $\pm$ 0.054 χ^2 /NDF: 144271.1/16

Left Out: 178.589 $\pm$ 0.147 χ^2 /NDF: 0.0/0

Right Out: 196.219 $\pm$ 0.052 χ^2 /NDF: 173506.2/19

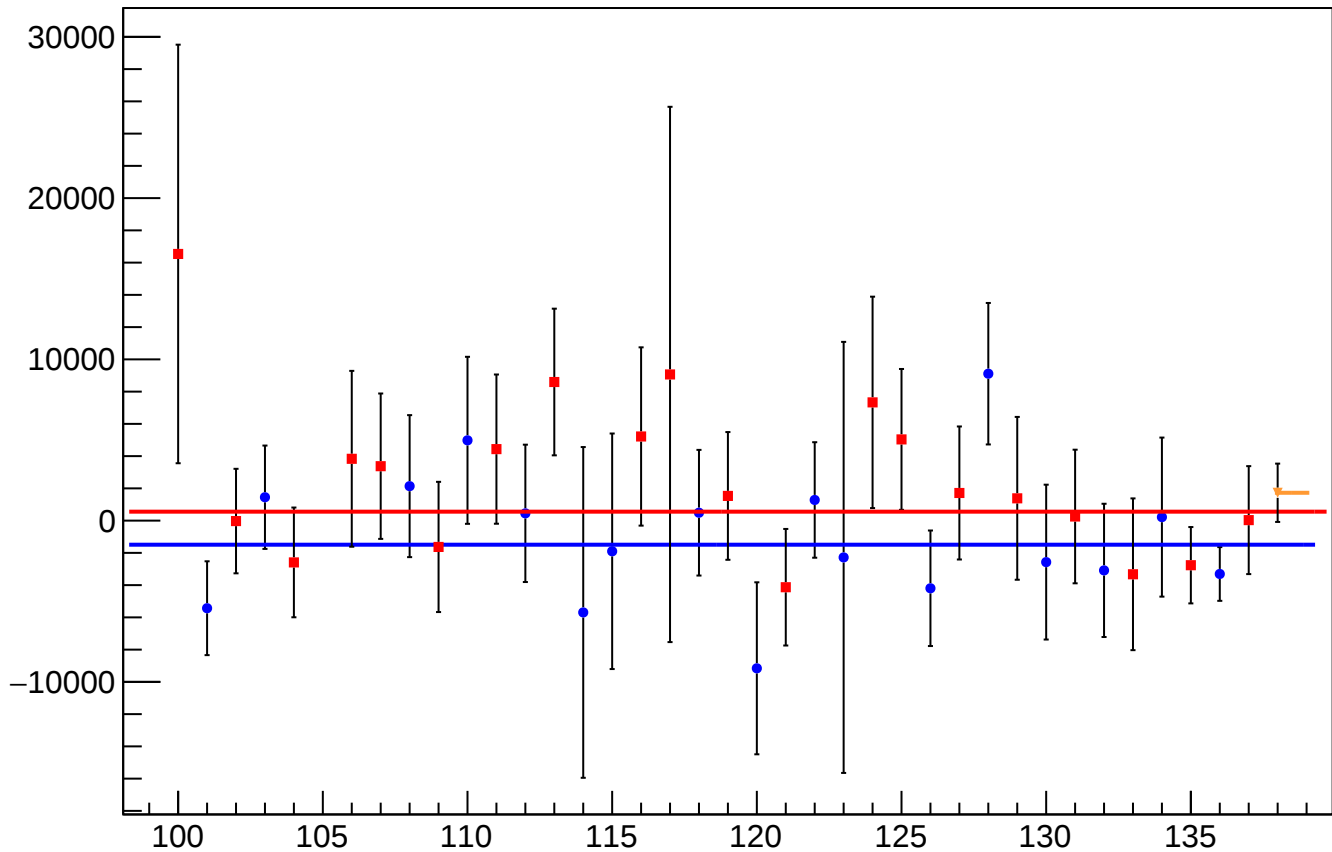
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

193.070 $\pm$ 0.050 χ^2 /NDF: 155219.9/17

194.588 $\pm$ 0.036 χ^2 /NDF: 330603.4/37

196.219 $\pm$ 0.052 χ^2 /NDF: 173506.2/19

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1493.280+/-910.834 χ^2/NDF : 16.1/16

Left Out: 1726.760+/-1808.319 χ^2/NDF : 0.0/0

Right Out: 555.744+/-933.239 χ^2/NDF : 14.9/19

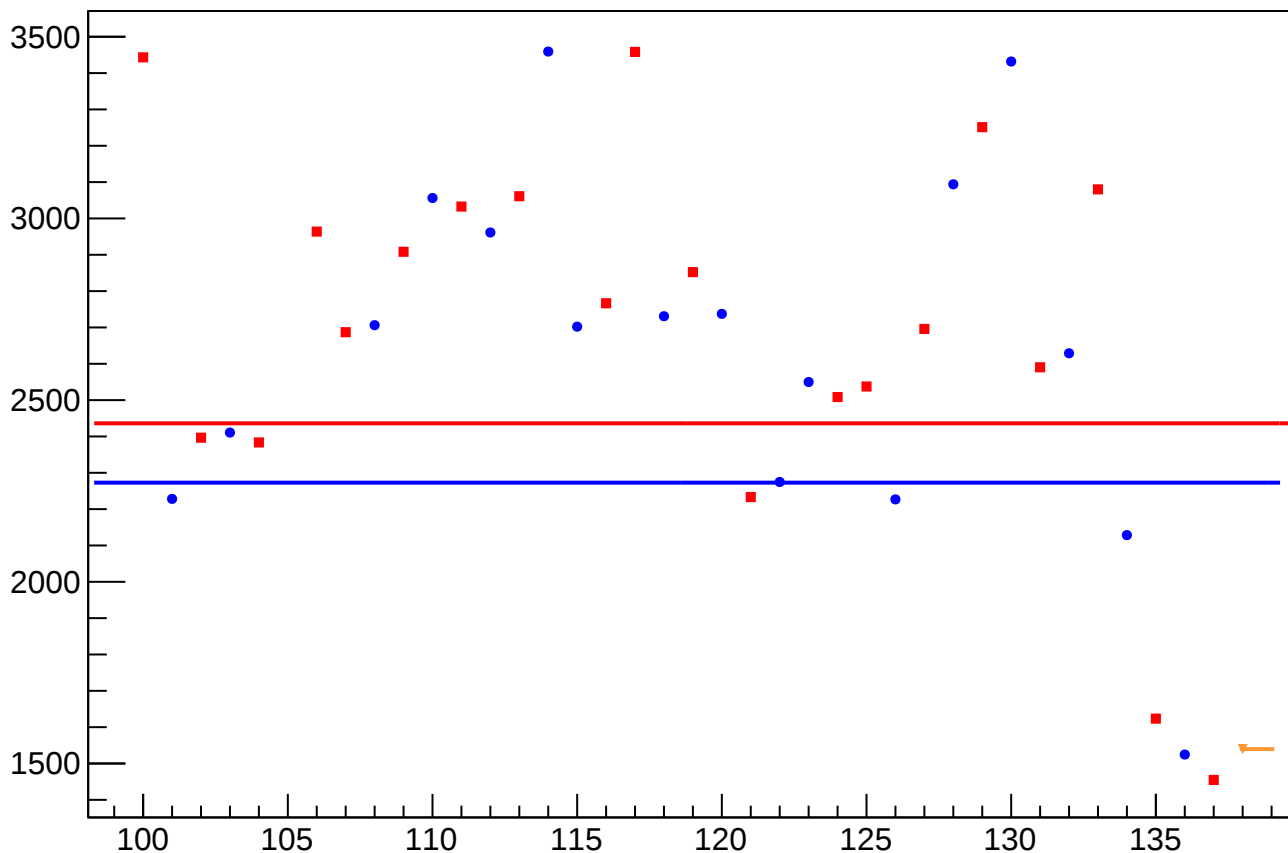
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-841.660+/-813.470 χ^2/NDF : 18.7/17

-238.327+/-613.212 χ^2/NDF : 34.8/37

555.744+/-933.239 χ^2/NDF : 14.9/19

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2272.883+/-0.644 χ^2/NDF : 805650.3/16

Left Out: 1539.674+/-1.279 χ^2/NDF : 0.0/0

Right Out: 2436.191+/-0.660 χ^2/NDF : 688391.3/19

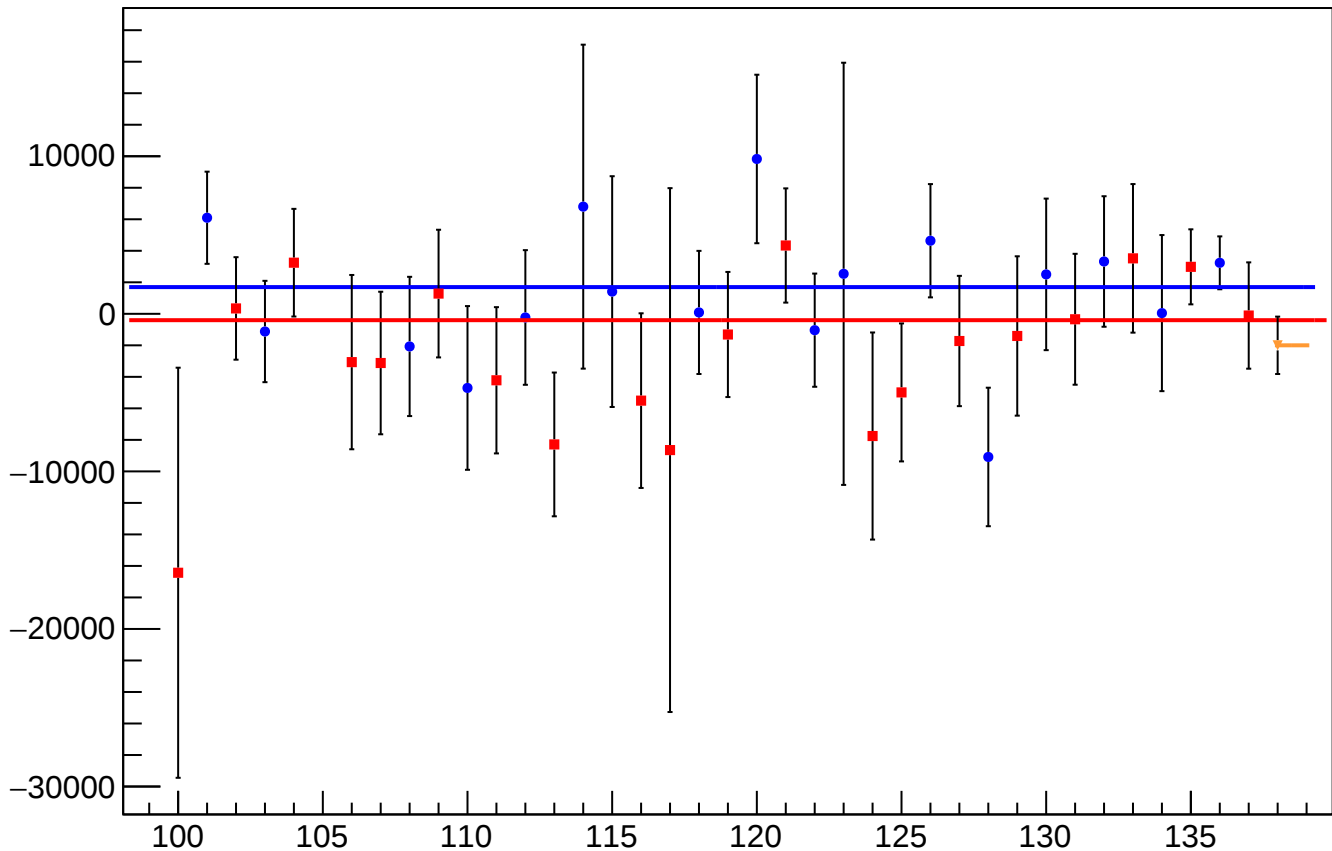
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2124.508+/-0.575 χ^2/NDF : 1067915.3/17

2259.078+/-0.434 χ^2/NDF : 1883073.9/37

2436.191+/-0.660 χ^2/NDF : 688391.3/19

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1695.956+/-914.855 χ^2/NDF : 16.6/16

Left Out: -1999.222+/-1820.933 χ^2/NDF : 0.0/0

Right Out: -403.904+/-937.036 χ^2/NDF : 15.2/19

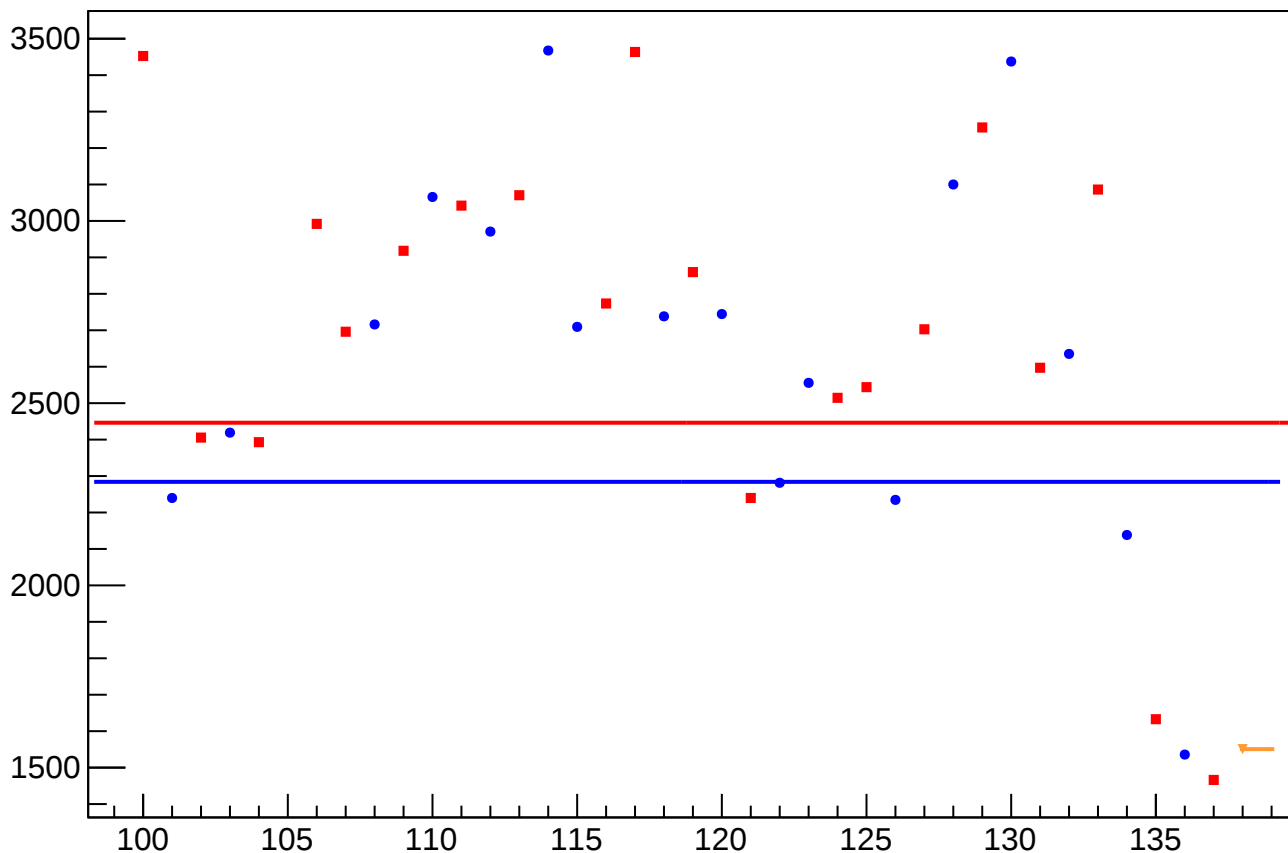
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

951.218+/-817.482 χ^2/NDF : 19.9/17

365.569+/-616.007 χ^2/NDF : 36.3/37

-403.904+/-937.036 χ^2/NDF : 15.2/19

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2284.104+/-0.647 χ^2/NDF : 793993.4/16

Left Out: 1550.714+/-1.288 χ^2/NDF : 0.0/0

Right Out: 2446.366+/-0.663 χ^2/NDF : 680413.3/19

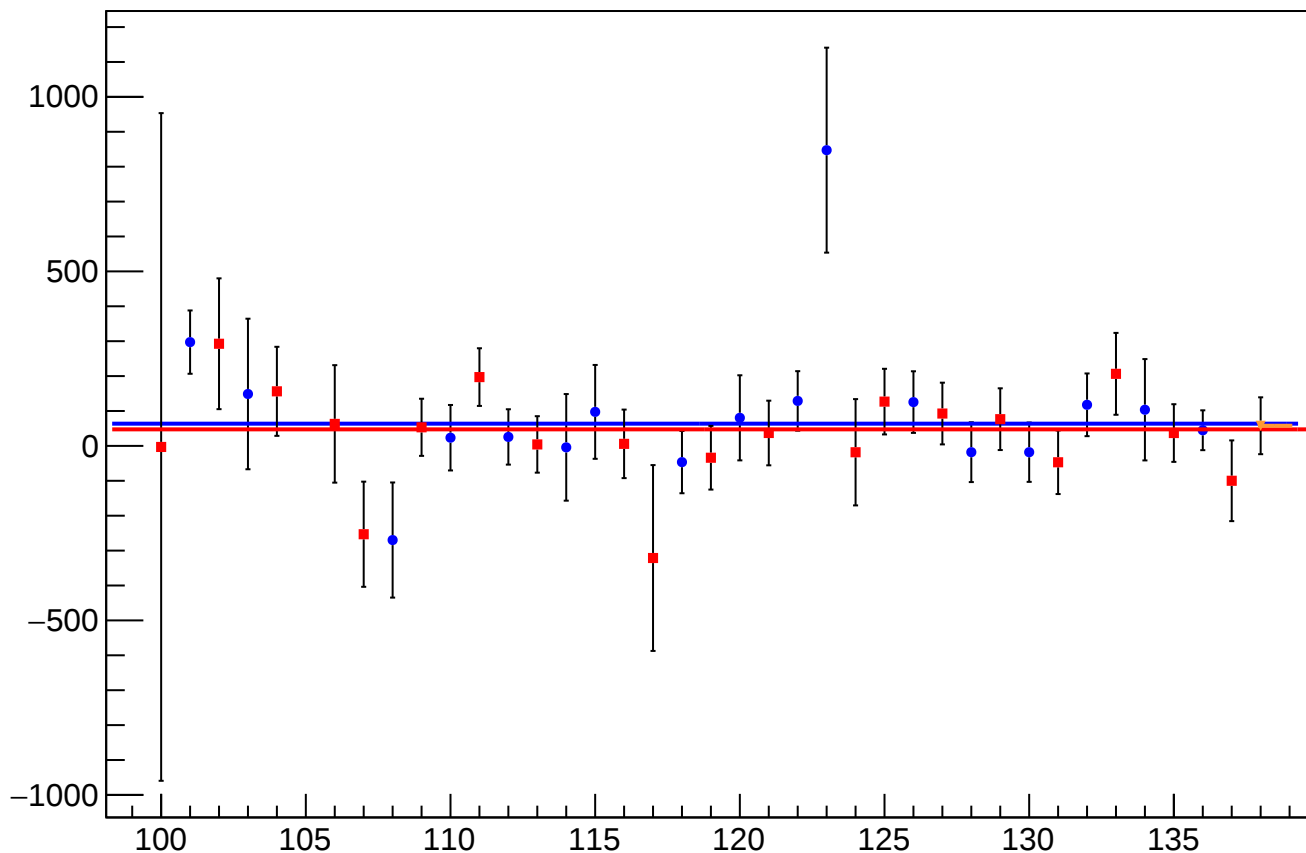
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2136.294+/-0.578 χ^2/NDF : 1053030.9/17

2270.299+/-0.436 χ^2/NDF : 1857797.8/37

2446.366+/-0.663 χ^2/NDF : 680413.3/19

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 63.666 $\pm$ 23.743 χ^2 /NDF: 23.7/16

Left Out: 57.712 $\pm$ 81.467 χ^2 /NDF:0.0/0

Right Out: 47.367 $\pm$ 23.568 χ^2 /NDF: 18.7/19

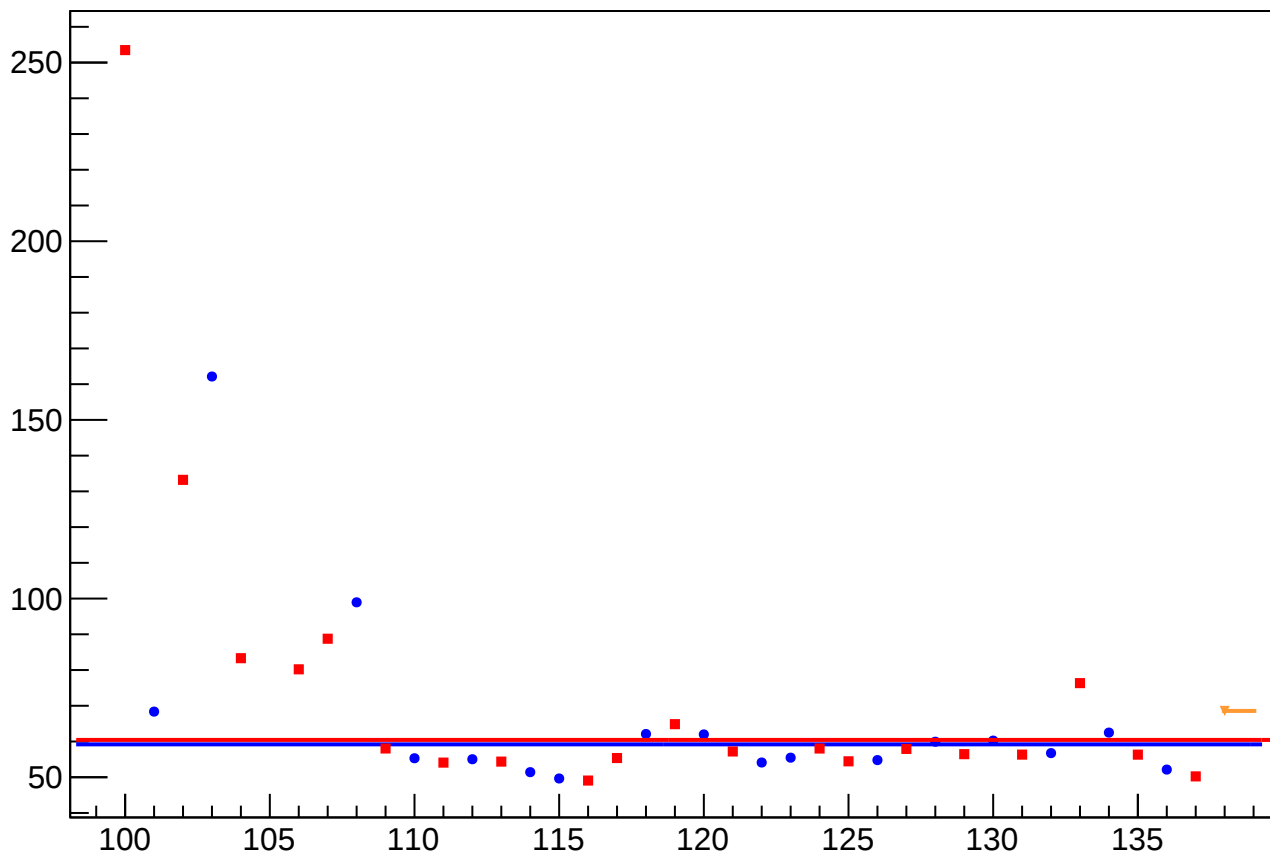
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

63.200 $\pm$ 22.794 χ^2 /NDF: 23.7/17

55.548 $\pm$ 16.385 χ^2 /NDF: 42.6/37

47.367 $\pm$ 23.568 χ^2 /NDF: 18.7/19

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 59.200+/-0.017 χ^2/NDF : 665472.4/16

Left Out: 68.556+/-0.058 χ^2/NDF : 0.0/0

Right Out: 60.443+/-0.017 χ^2/NDF : 680790.3/19

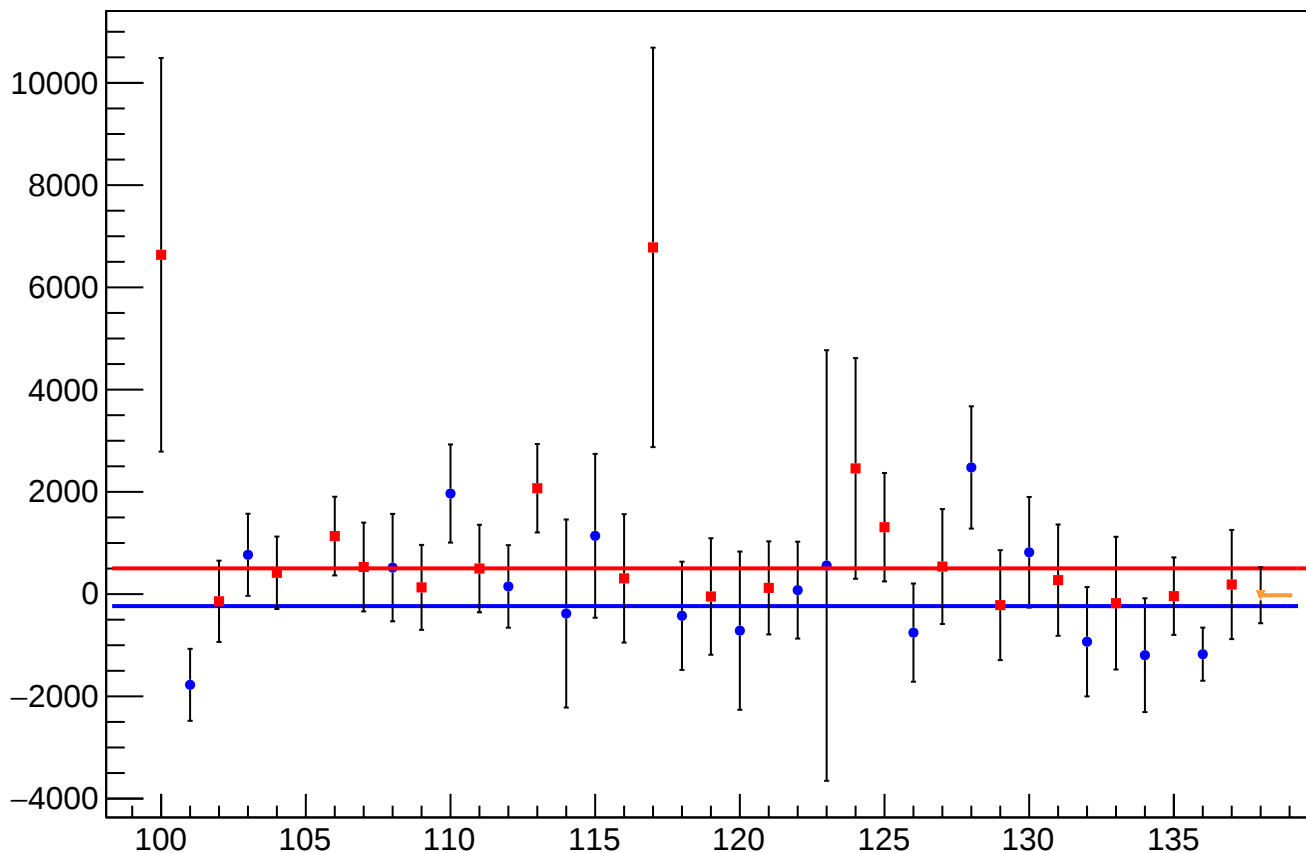
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

59.933+/-0.016 χ^2/NDF : 689783.7/17

60.180+/-0.012 χ^2/NDF : 1371058.5/37

60.443+/-0.017 χ^2/NDF : 680790.3/19

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -234.492+/-233.880 χ^2 /NDF: 24.2/16

Left Out: -22.381+/-547.410 χ^2 /NDF: 0.0/0

Right Out: 503.638+/-221.955 χ^2 /NDF: 13.2/19

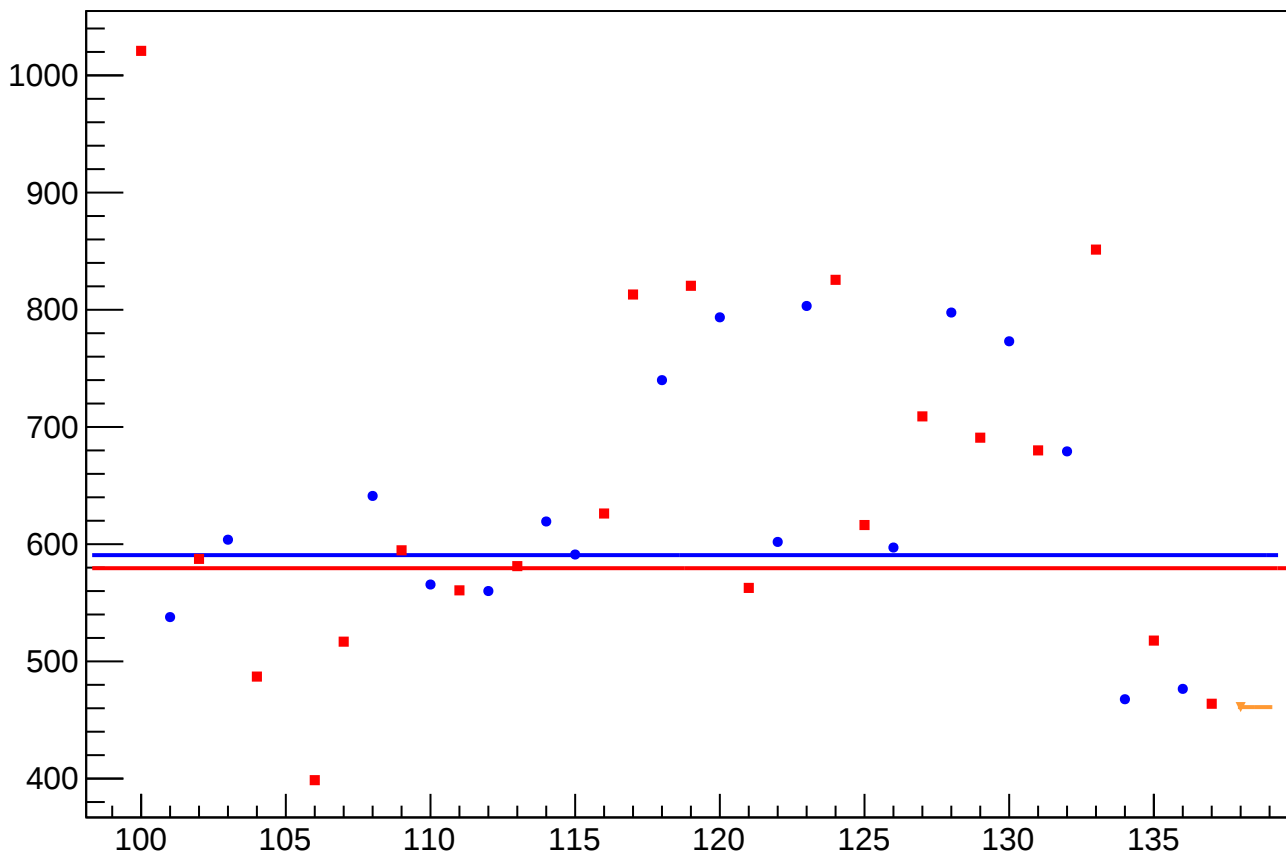
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-201.749+/-215.073 χ^2 /NDF: 24.3/17

139.839+/-154.455 χ^2 /NDF: 42.7/37

503.638+/-221.955 χ^2 /NDF: 13.2/19

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 590.659+/-0.165 χ^2/NDF : 352080.1/16

Left Out: 460.990+/-0.387 χ^2/NDF : 0.0/0

Right Out: 579.509+/-0.157 χ^2/NDF : 501132.1/19

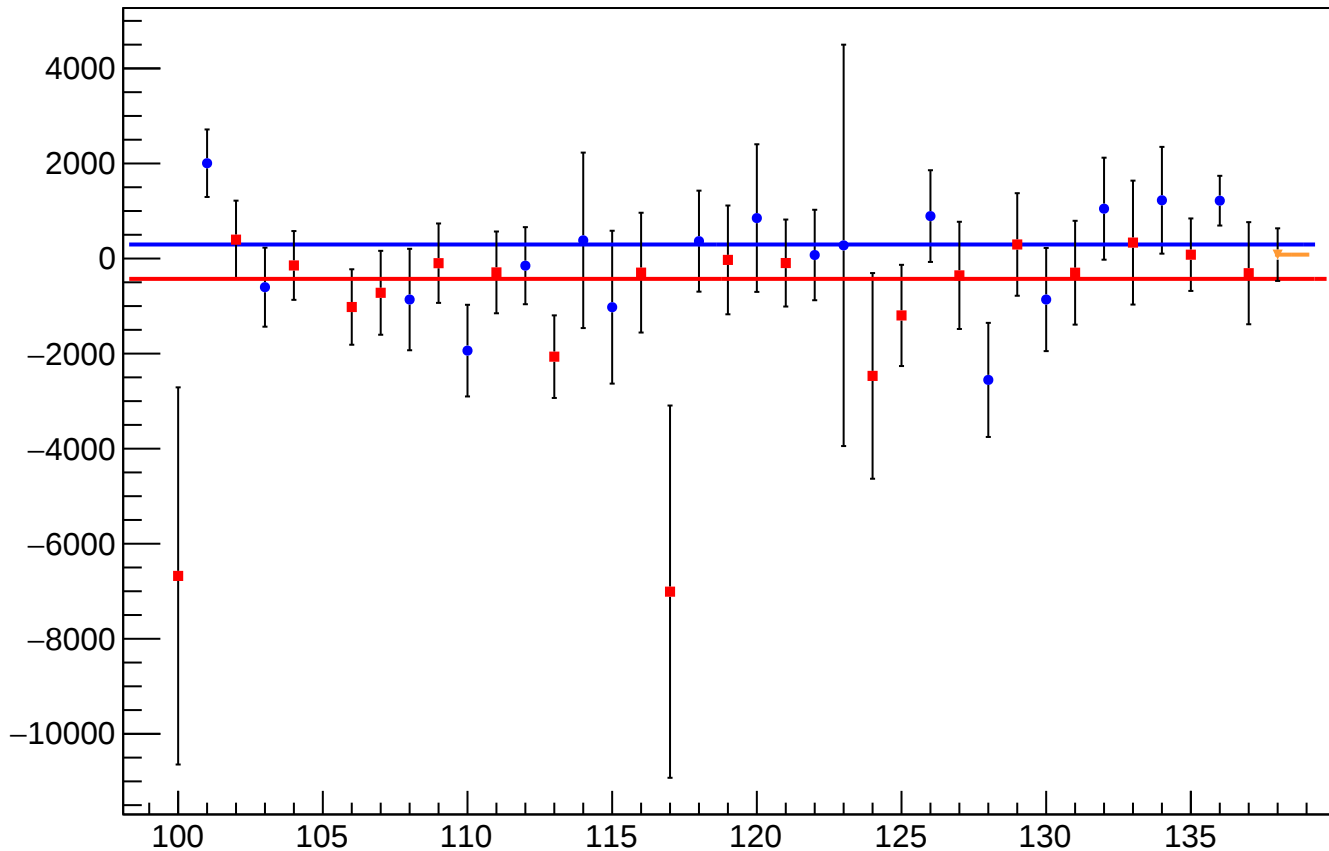
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

570.643+/-0.152 χ^2/NDF : 446979.5/17

574.936+/-0.109 χ^2/NDF : 949757.4/37

579.509+/-0.157 χ^2/NDF : 501132.1/19

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 295.401+/-235.860 χ^2/NDF : 26.1/16

Left Out: 82.340+/-553.490 χ^2/NDF : 0.0/0

Right Out: -427.853+/-224.485 χ^2/NDF : 13.8/19

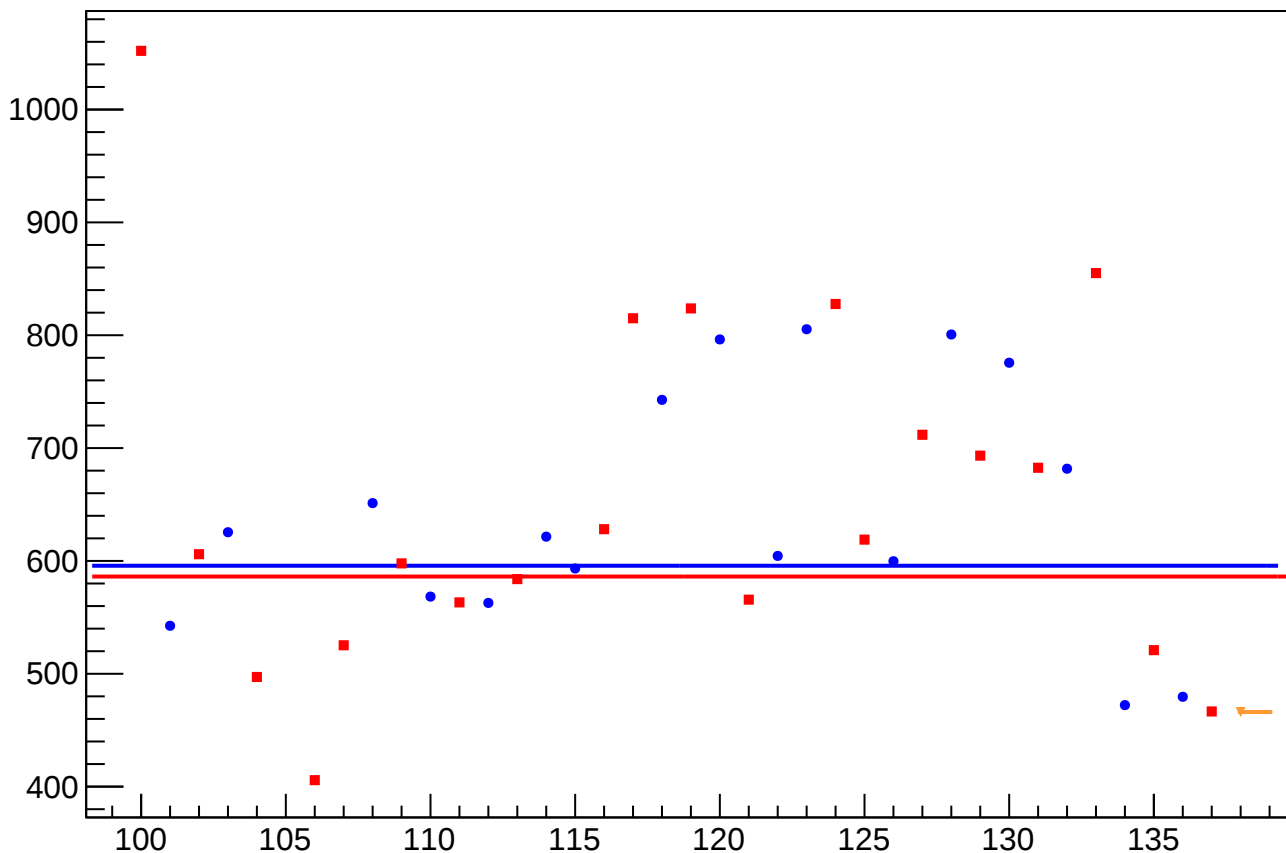
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

262.657+/-216.981 χ^2/NDF : 26.2/17

-70.864+/-156.014 χ^2/NDF : 44.9/37

-427.853+/-224.485 χ^2/NDF : 13.8/19

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 595.734 $\pm$ 0.167 χ^2/NDF : 350058.2/16

Left Out: 466.112 $\pm$ 0.391 χ^2/NDF : 0.0/0

Right Out: 586.176 $\pm$ 0.159 χ^2/NDF : 481325.4/19

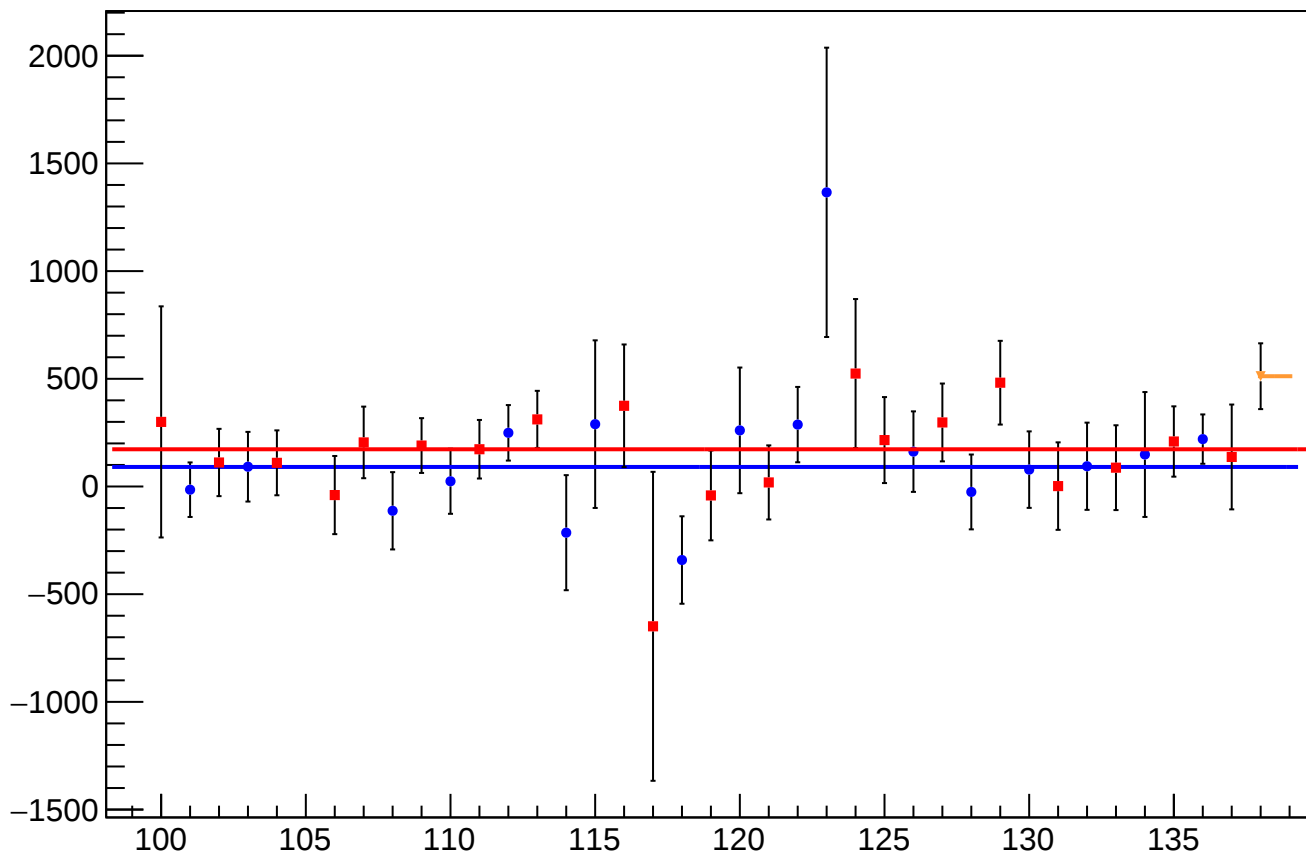
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

575.813 $\pm$ 0.153 χ^2/NDF : 442891.0/17

580.818 $\pm$ 0.110 χ^2/NDF : 926419.8/37

586.176 $\pm$ 0.159 χ^2/NDF : 481325.4/19

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 90.711+/-43.312 χ^2/NDF : 16.9/16

Left Out: 512.011+/-152.765 χ^2/NDF : 0.0/0

Right Out: 172.786+/-41.033 χ^2/NDF : 11.6/19

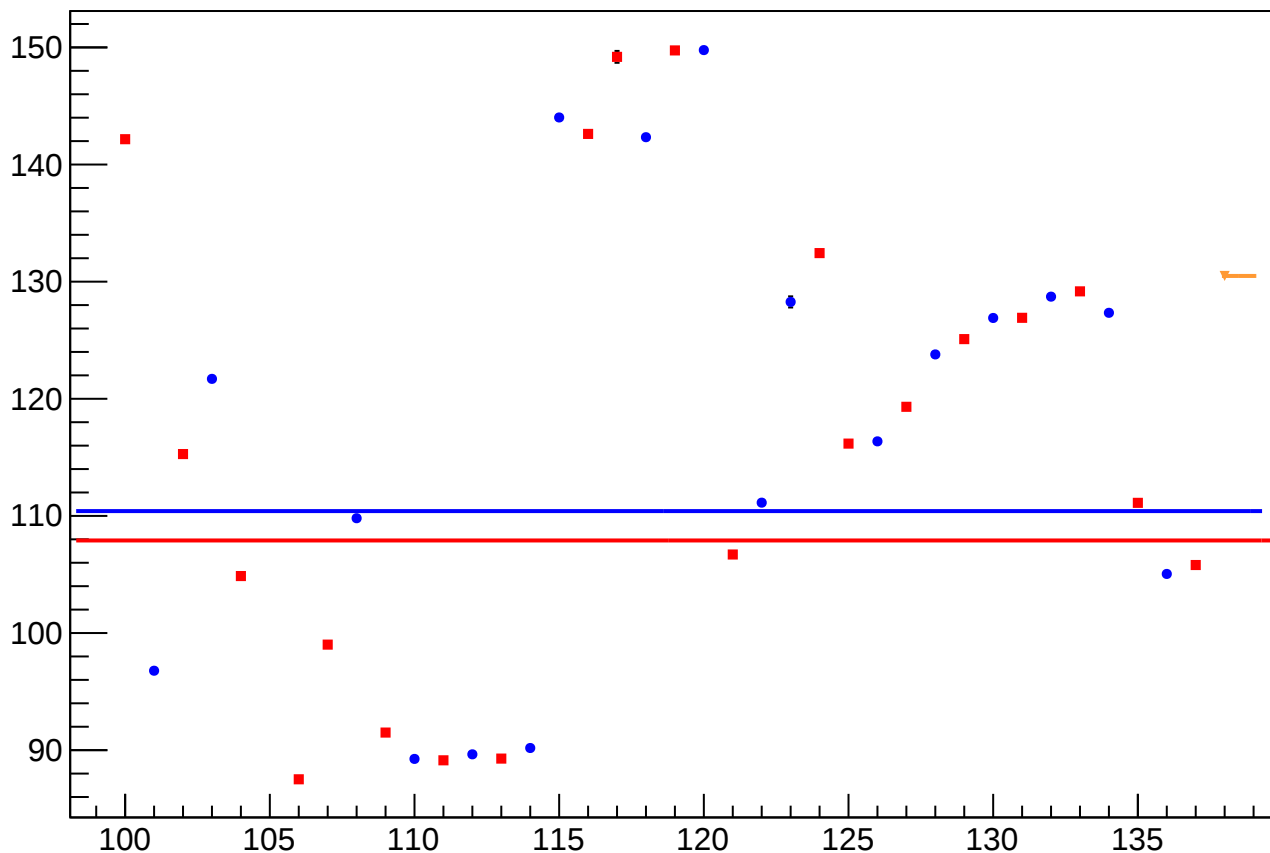
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

122.057+/-41.670 χ^2/NDF : 23.9/17

147.812+/-29.237 χ^2/NDF : 36.3/37

172.786+/-41.033 χ^2/NDF : 11.6/19

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 110.411+/-0.031 χ^2/NDF : 296425.4/16

Left Out: 130.488+/-0.108 χ^2/NDF : 0.0/0

Right Out: 107.903+/-0.029 χ^2/NDF : 351091.4/19

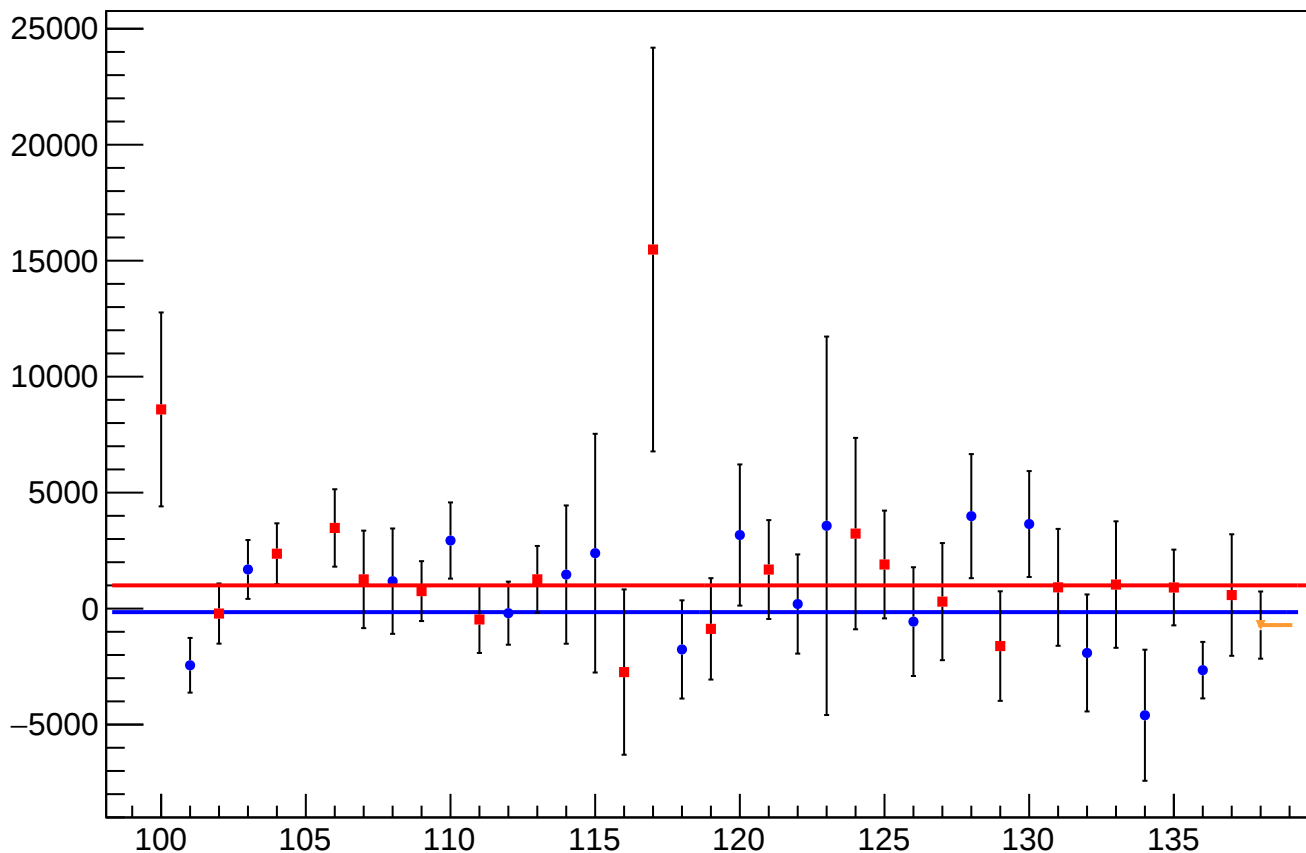
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

111.905+/-0.029 χ^2/NDF : 328398.6/17

109.873+/-0.021 χ^2/NDF : 688854.5/37

107.903+/-0.029 χ^2/NDF : 351091.4/19

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -152.403+/-464.753 χ^2/NDF : 24.7/16

Left Out: -710.444+/-1448.422 χ^2/NDF : 0.0/0

Right Out: 1000.907+/-434.569 χ^2/NDF : 15.1/19

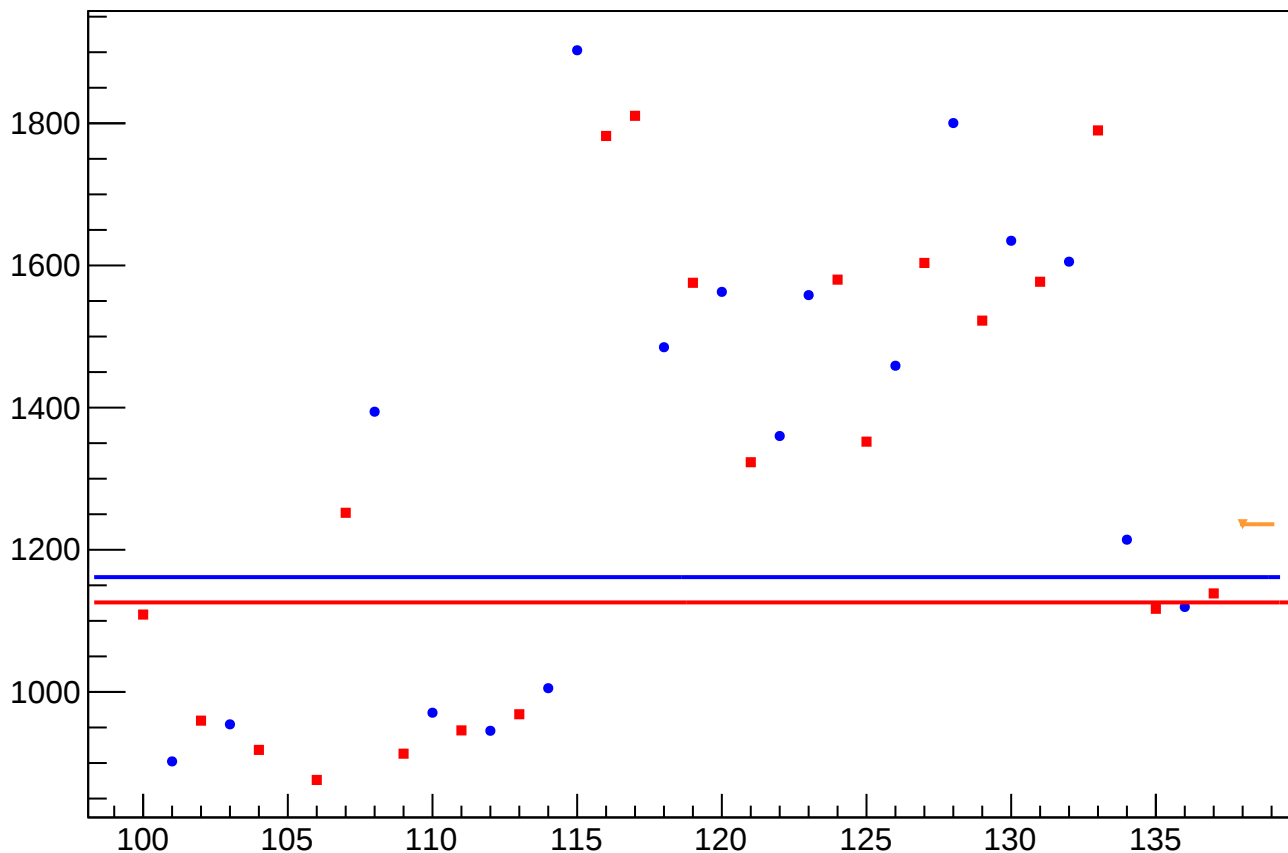
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-204.494+/-442.530 χ^2/NDF : 24.8/17

409.147+/-310.063 χ^2/NDF : 43.6/37

1000.907+/-434.569 χ^2/NDF : 15.1/19

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1161.530+/-0.329 χ^2/NDF : 695906.9/16

Left Out: 1235.918+/-1.024 χ^2/NDF : 0.0/0

Right Out: 1125.946+/-0.307 χ^2/NDF : 780195.3/19

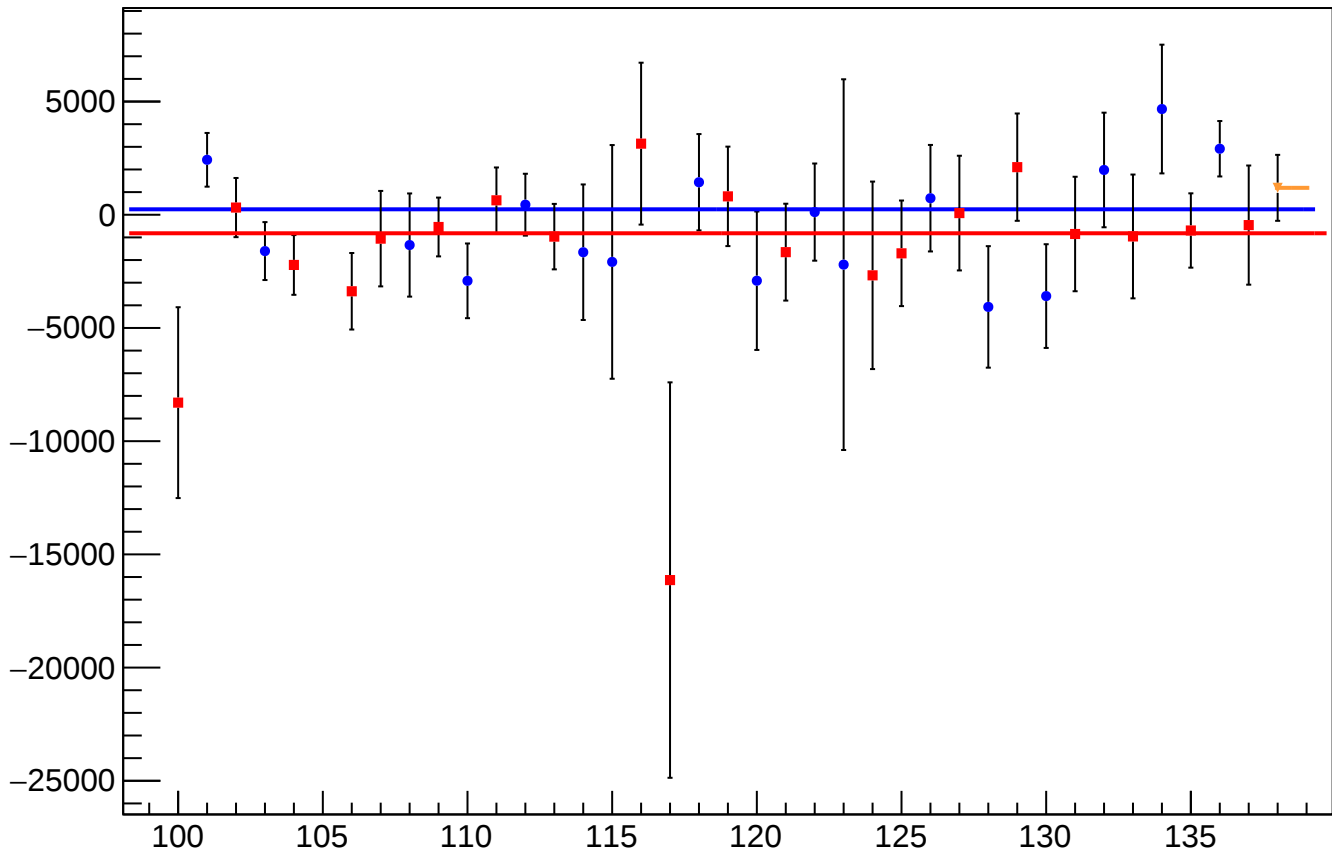
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1168.474+/-0.313 χ^2/NDF : 700689.8/17

1146.824+/-0.219 χ^2/NDF : 1490288.5/37

1125.946+/-0.307 χ^2/NDF : 780195.3/19

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 240.732 $\pm$ 467.036 χ^2 /NDF: 24.8/16

Left Out: 1188.936 $\pm$ 1456.583 χ^2 /NDF: 0.0/0

Right Out: -817.635 $\pm$ 436.939 χ^2 /NDF: 15.4/19

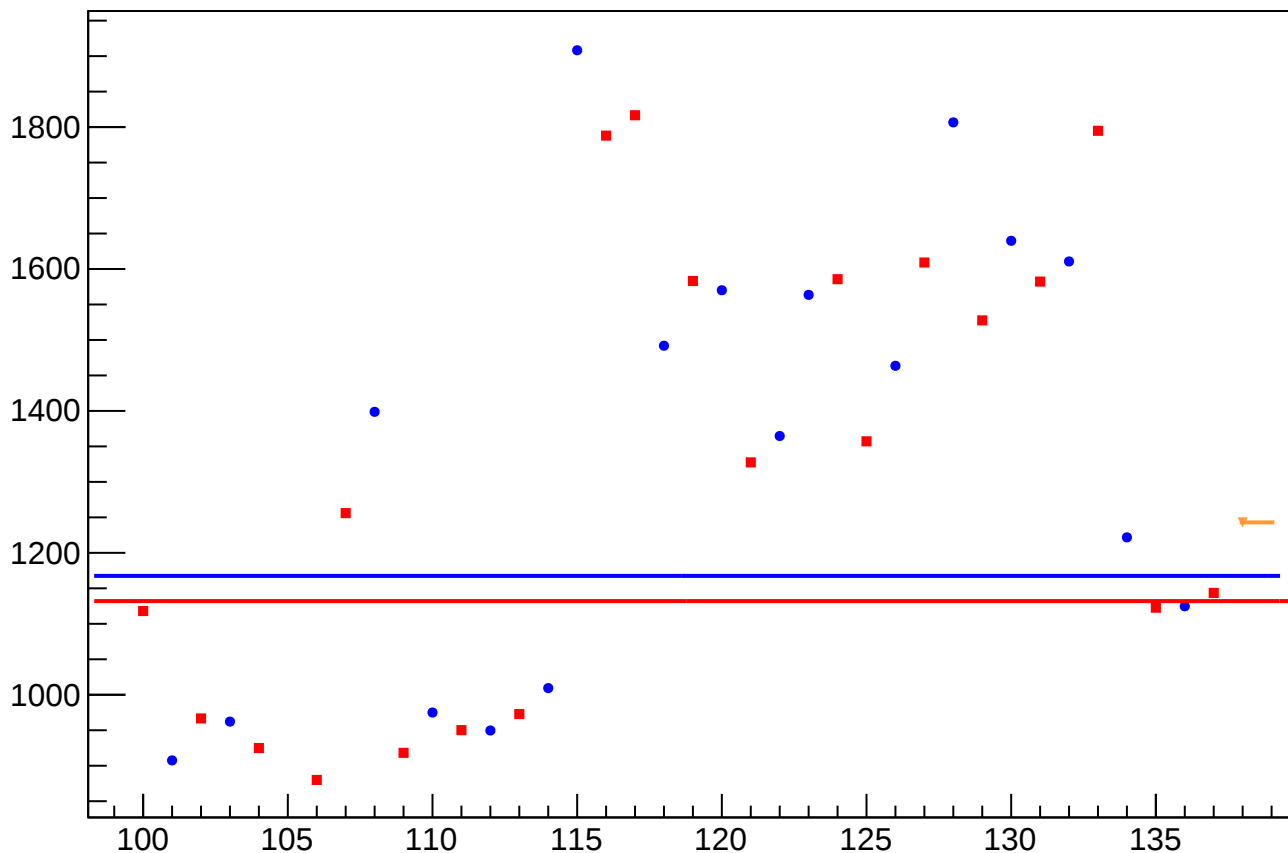
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

329.128 $\pm$ 444.734 χ^2 /NDF: 25.2/17

-254.391 $\pm$ 311.682 χ^2 /NDF: 44.0/37

-817.635 $\pm$ 436.939 χ^2 /NDF: 15.4/19

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1167.539+/-0.330 χ^2/NDF : 690485.6/16

Left Out: 1242.923+/-1.030 χ^2/NDF : 0.0/0

Right Out: 1132.019+/-0.309 χ^2/NDF : 773827.8/19

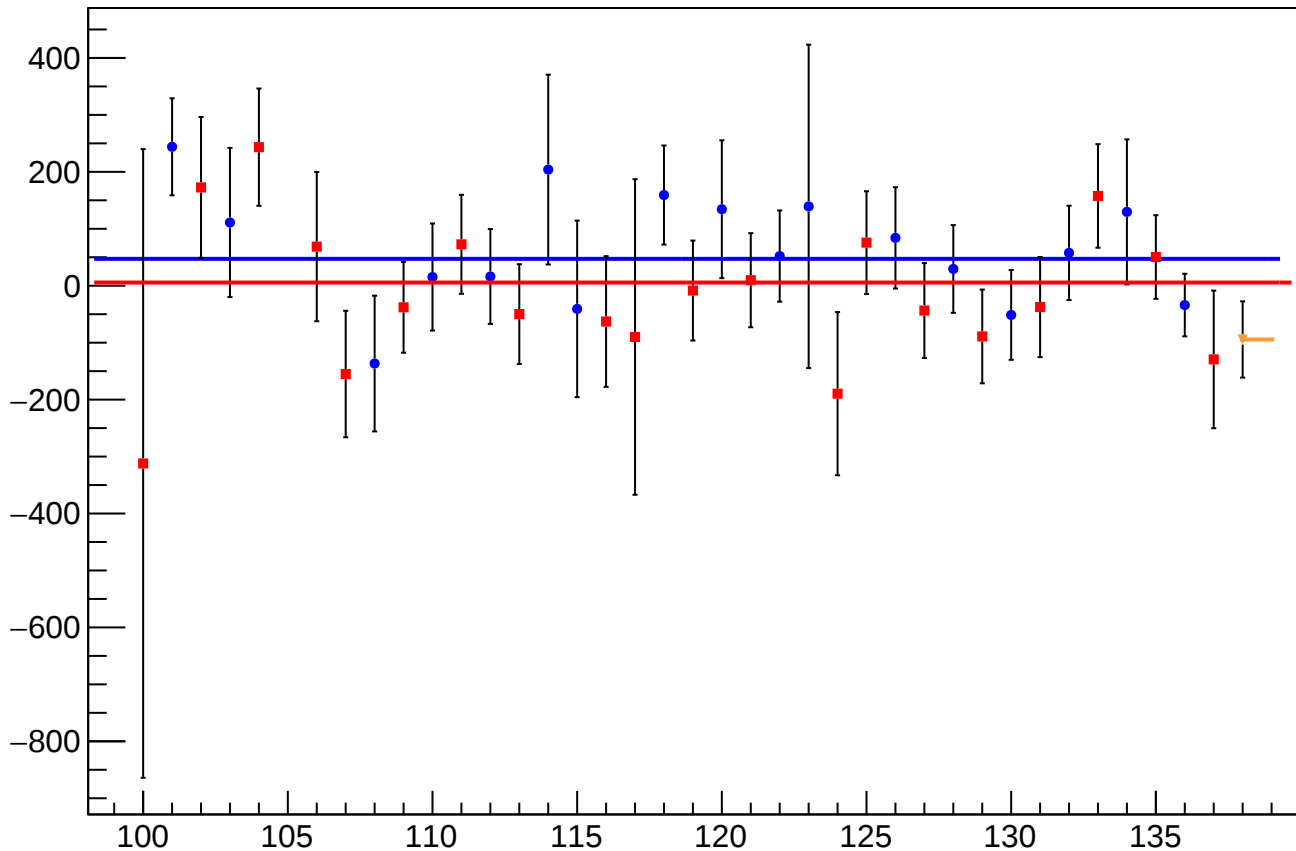
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1174.566+/-0.314 χ^2/NDF : 695343.2/17

1152.917+/-0.220 χ^2/NDF : 1478485.3/37

1132.019+/-0.309 χ^2/NDF : 773827.8/19

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 47.220 $\pm$ 22.565 χ^2 /NDF: 16.1/16

Left Out: -94.395 $\pm$ 66.992 χ^2 /NDF: 0.0/0

Right Out: 5.636 $\pm$ 22.057 χ^2 /NDF: 20.4/19

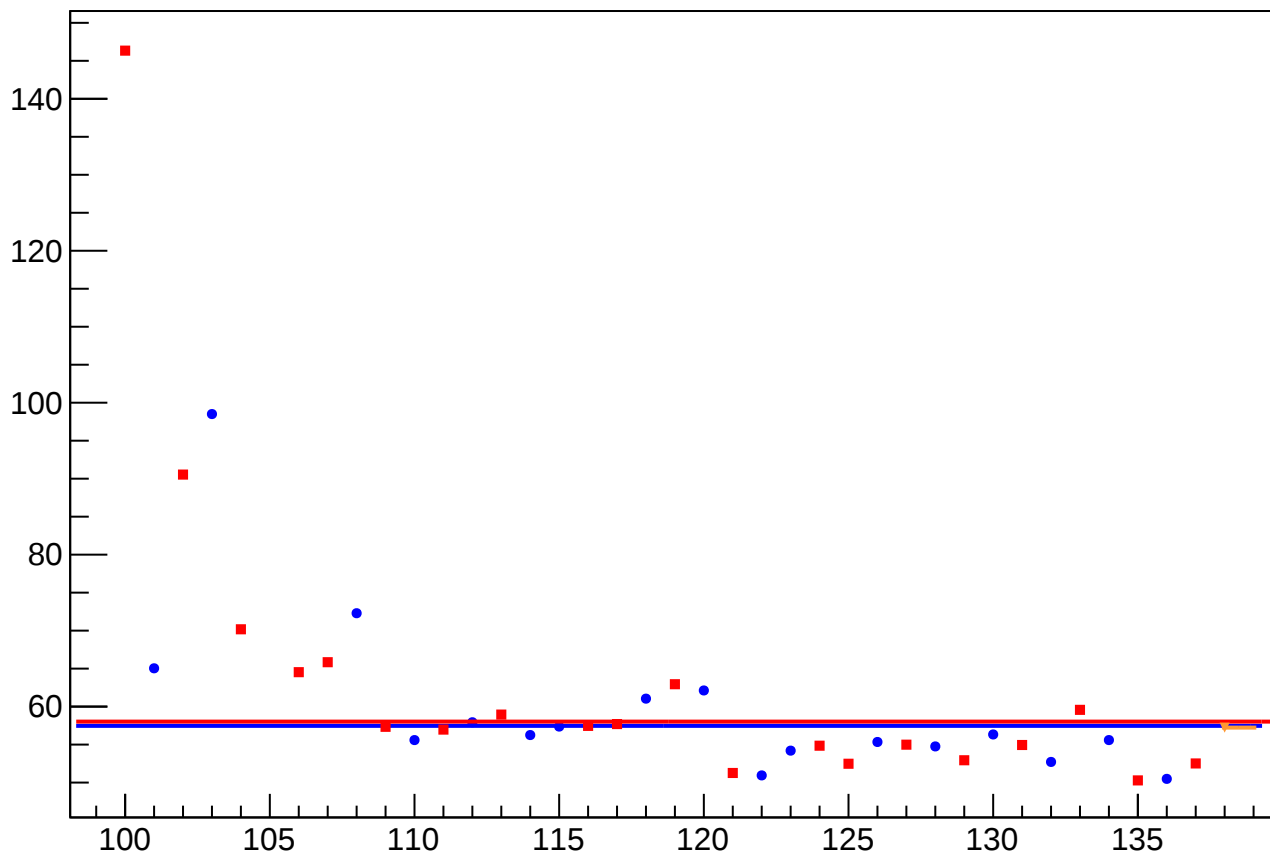
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

32.791 $\pm$ 21.384 χ^2 /NDF: 20.1/17

19.634 $\pm$ 15.353 χ^2 /NDF: 41.3/37

5.636 $\pm$ 22.057 χ^2 /NDF: 20.4/19

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 57.465+/-0.016 χ^2/NDF : 307156.4/16

Left Out: 57.235+/-0.047 χ^2/NDF : 0.0/0

Right Out: 58.025+/-0.016 χ^2/NDF : 300790.9/19

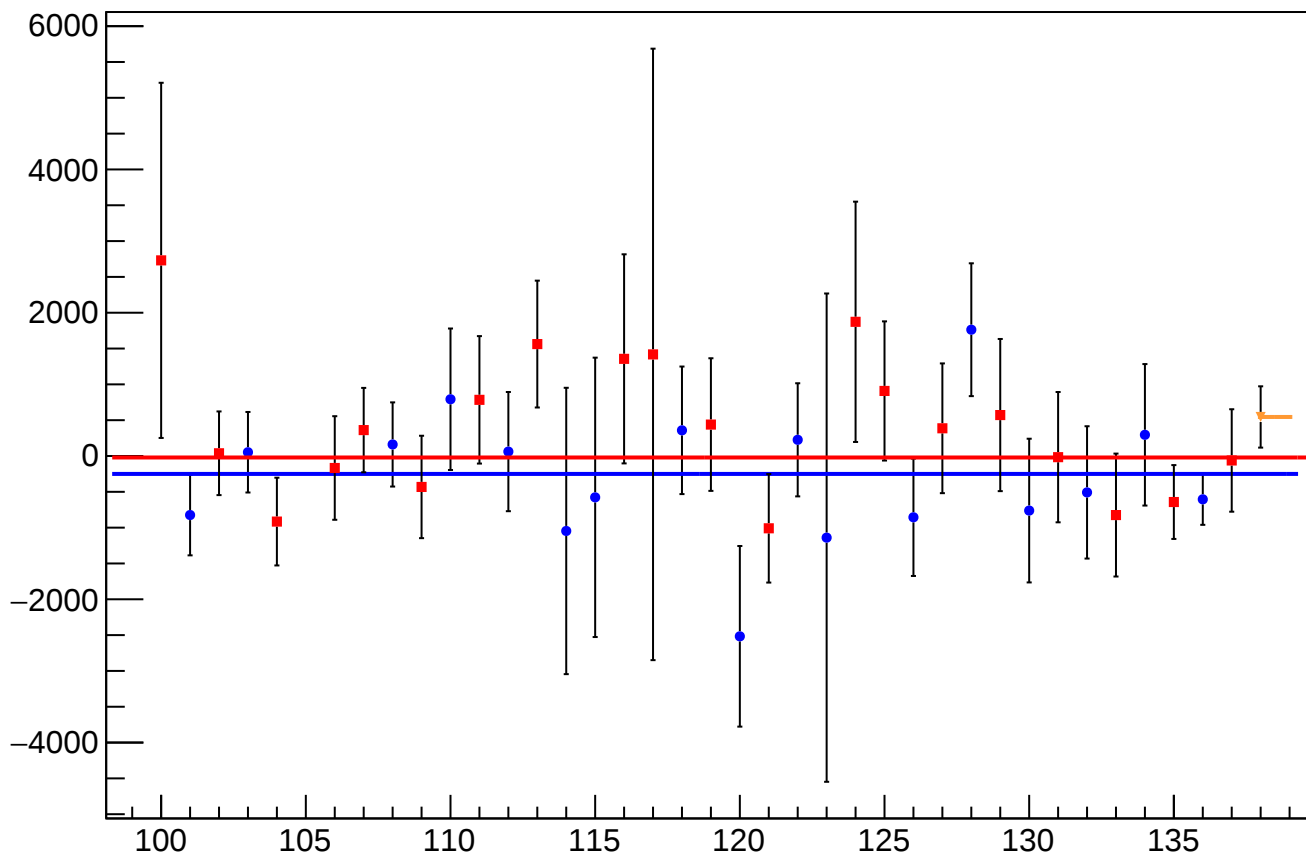
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

57.442+/-0.015 χ^2/NDF : 307177.7/17

57.724+/-0.011 χ^2/NDF : 608689.2/37

58.025+/-0.016 χ^2/NDF : 300790.9/19

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -250.140+/-184.092 χ^2/NDF : 14.3/16

Left Out: 544.920+/-427.852 χ^2/NDF : 0.0/0

Right Out: -20.701+/-181.669 χ^2/NDF : 16.2/19

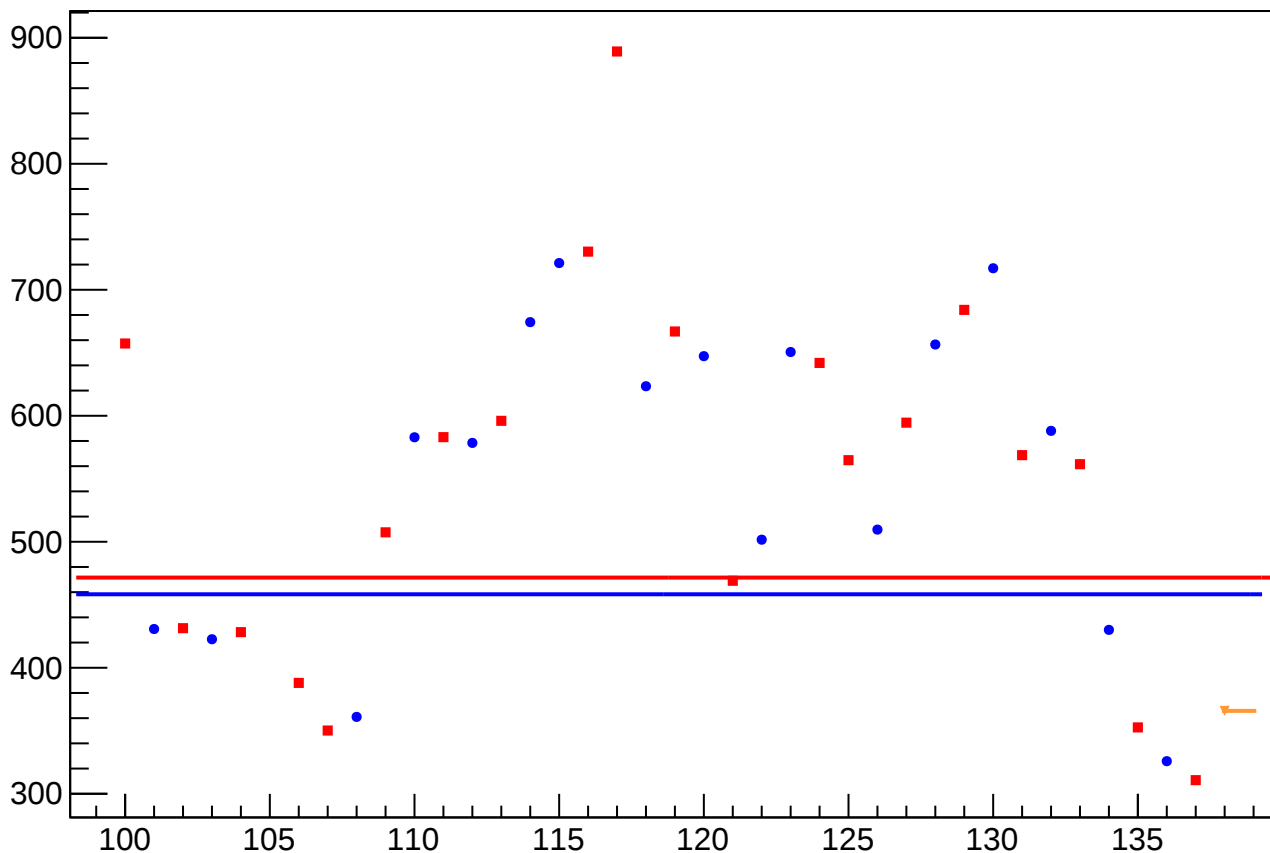
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-125.942+/-169.103 χ^2/NDF : 17.2/17

-77.087+/-123.778 χ^2/NDF : 33.6/37

-20.701+/-181.669 χ^2/NDF : 16.2/19

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 458.324+/-0.130 χ^2/NDF : 877201.7/16

Left Out: 365.782+/-0.303 χ^2/NDF : 0.0/0

Right Out: 471.585+/-0.128 χ^2/NDF : 797816.0/19

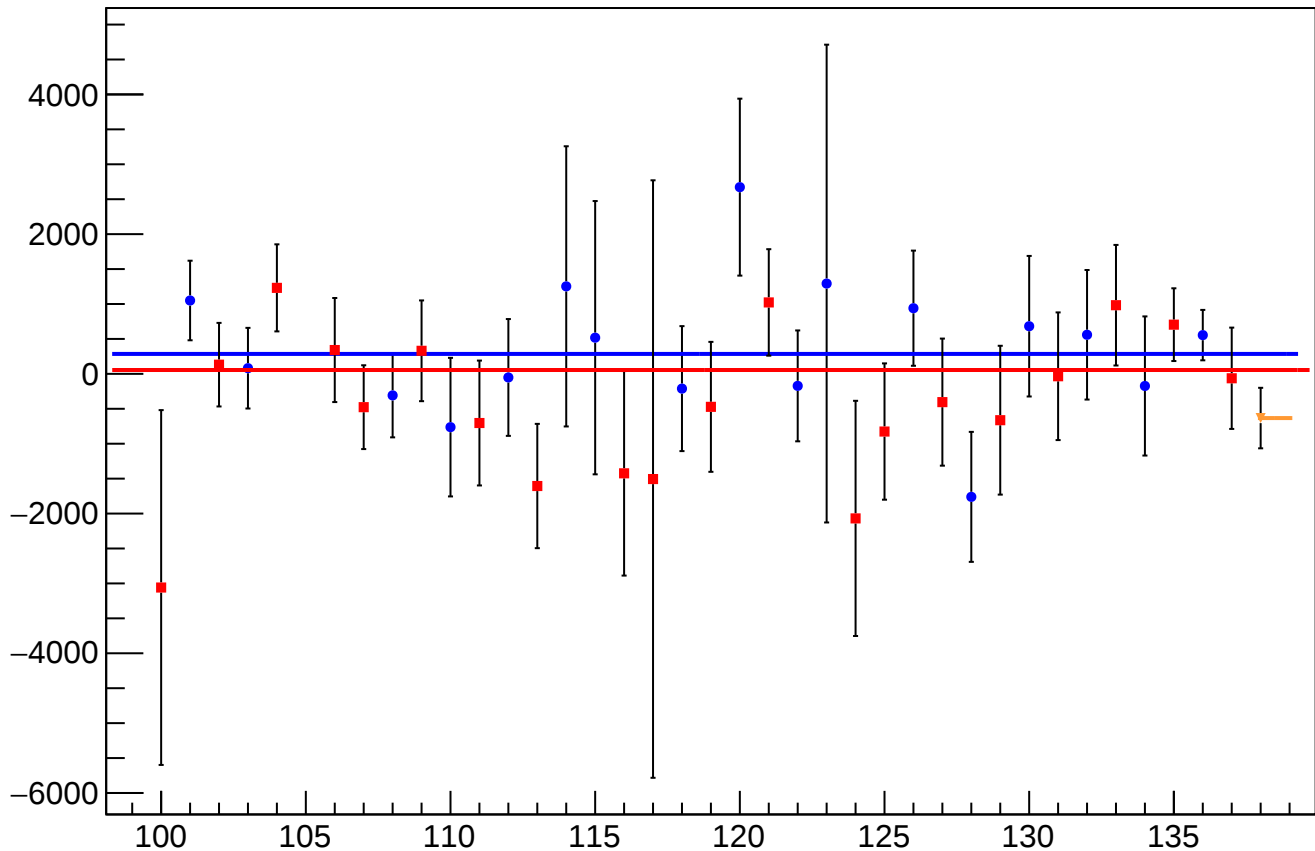
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

443.868+/-0.120 χ^2/NDF : 956151.7/17

456.735+/-0.088 χ^2/NDF : 1778911.2/37

471.585+/-0.128 χ^2/NDF : 797816.0/19

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 285.349 $\pm$ 186.262 χ^2 /NDF: 15.2/16

Left Out: -632.956 $\pm$ 433.142 χ^2 /NDF: 0.0/0

Right Out: 55.109 $\pm$ 183.903 χ^2 /NDF: 19.3/19

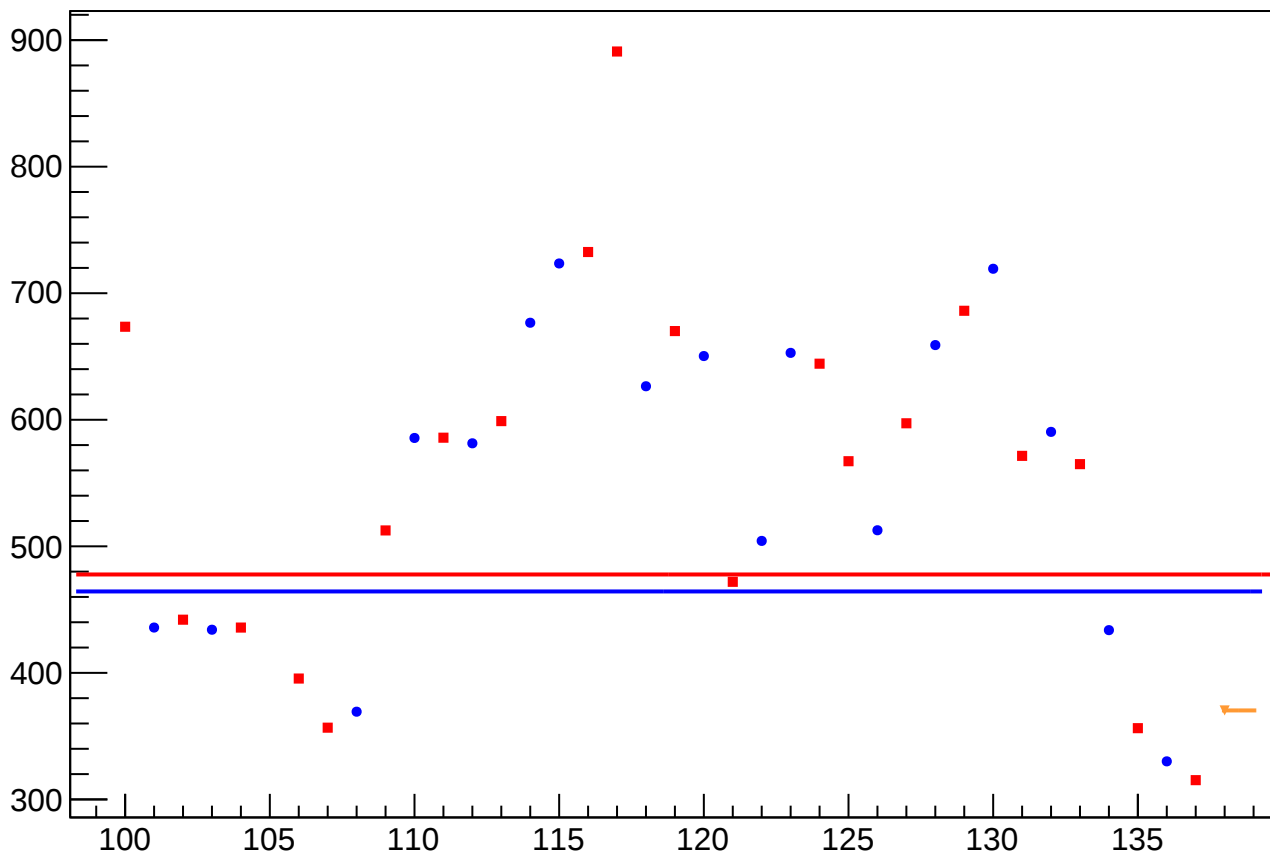
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

142.037 $\pm$ 171.111 χ^2 /NDF: 19.0/17

101.701 $\pm$ 125.272 χ^2 /NDF: 38.4/37

55.109 $\pm$ 183.903 χ^2 /NDF: 19.3/19

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 464.341+/-0.132 χ^2/NDF : 845900.9/16

Left Out: 370.315+/-0.306 χ^2/NDF : 0.0/0

Right Out: 477.754+/-0.130 χ^2/NDF : 768041.0/19

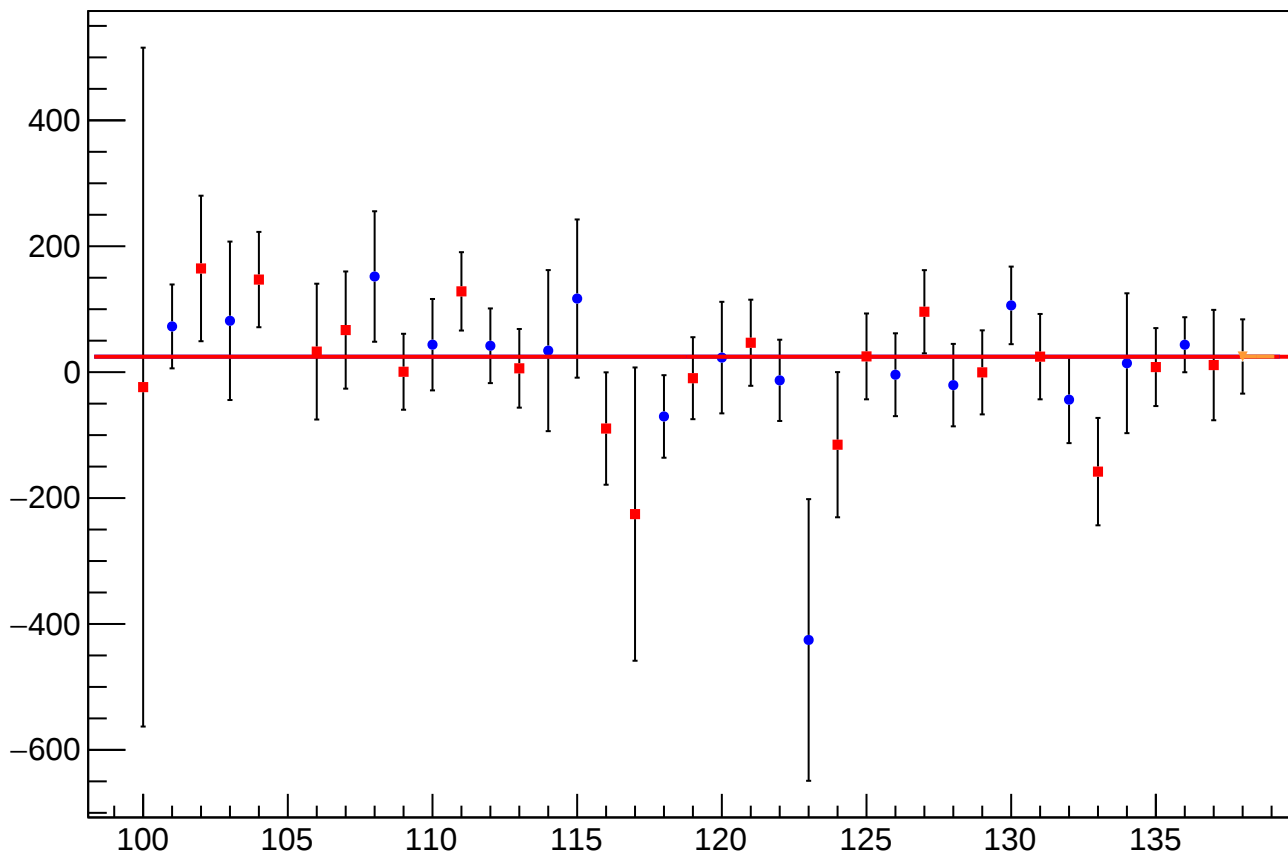
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

449.667+/-0.121 χ^2/NDF : 925438.0/17

462.700+/-0.089 χ^2/NDF : 1718484.1/37

477.754+/-0.130 χ^2/NDF : 768041.0/19

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 24.584+/-17.839 χ^2/NDF : 13.0/16

Left Out: 24.888+/-59.000 χ^2/NDF : 0.0/0

Right Out: 24.491+/-17.338 χ^2/NDF : 18.0/19

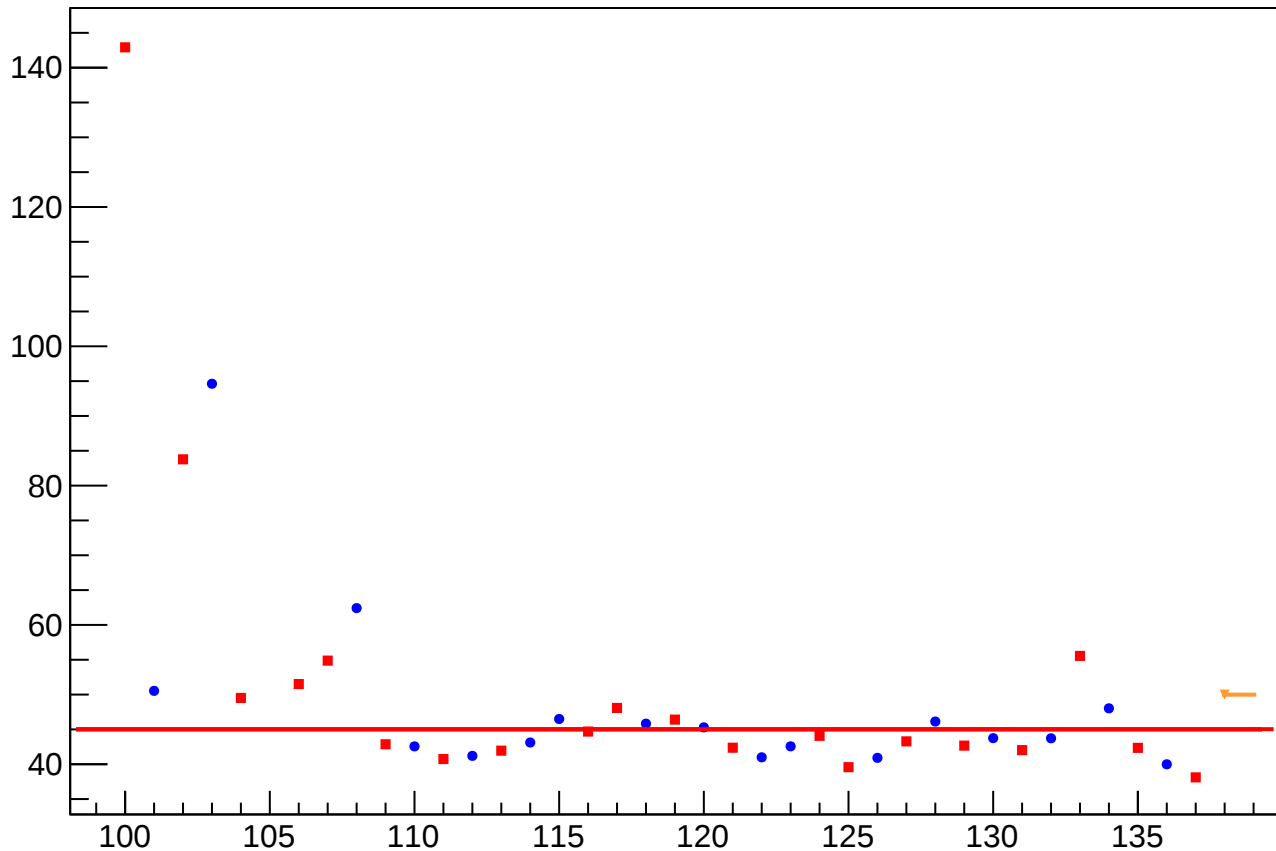
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

24.610+/-17.076 χ^2/NDF : 13.0/17

24.551+/-12.166 χ^2/NDF : 31.0/37

24.491+/-17.338 χ^2/NDF : 18.0/19

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 45.001+/-0.013 χ^2/NDF : 438352.8/16

Left Out: 49.989+/-0.042 χ^2/NDF : 0.0/0

Right Out: 45.034+/-0.012 χ^2/NDF : 415853.3/19

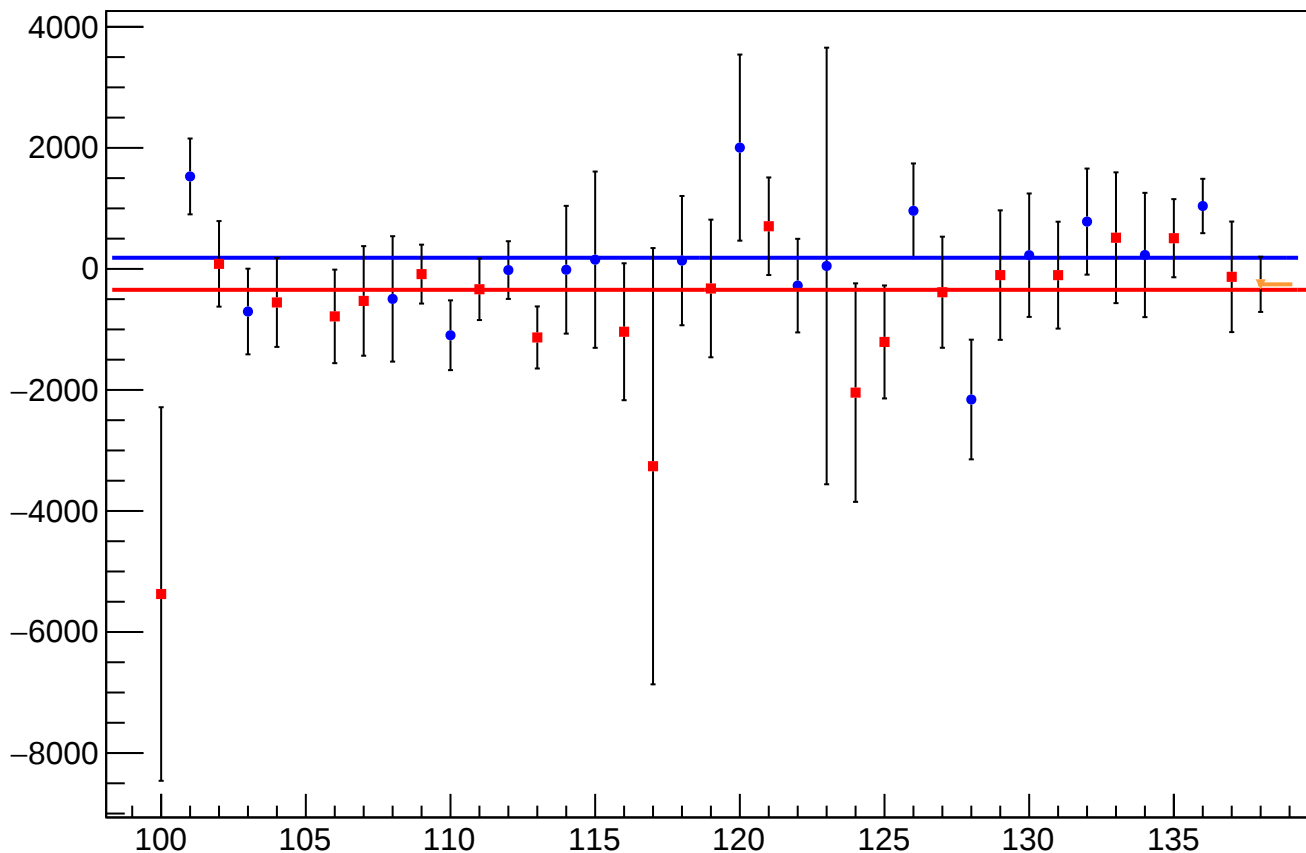
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

45.419+/-0.012 χ^2/NDF : 451450.1/17

45.230+/-0.009 χ^2/NDF : 867803.6/37

45.034+/-0.012 χ^2/NDF : 415853.3/19

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 184.184 $\pm$ 188.558 χ^2 /NDF: 24.2/16

Left Out: -254.867 $\pm$ 455.864 χ^2 /NDF:0.0/0

Right Out: -345.548 $\pm$ 179.160 χ^2 /NDF: 13.1/19

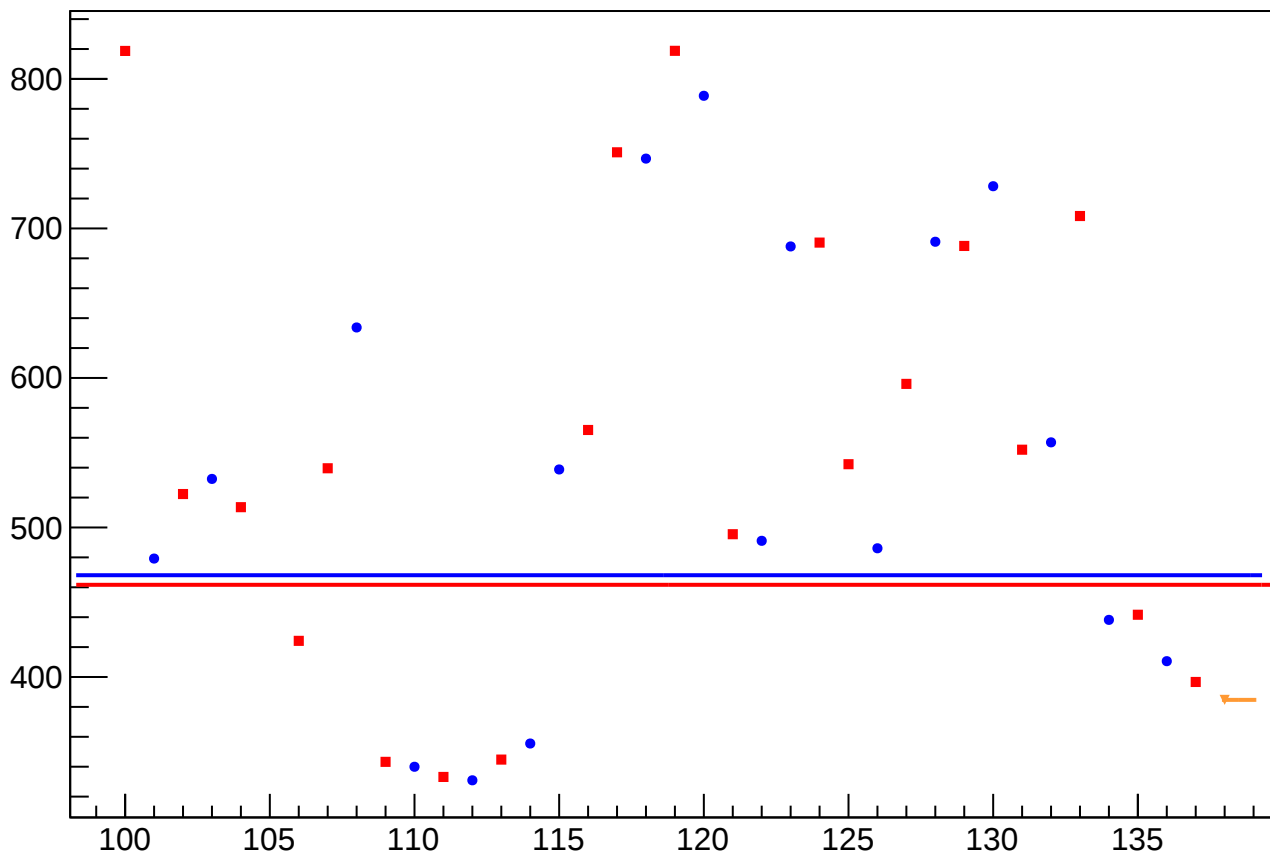
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

120.042 $\pm$ 174.241 χ^2 /NDF: 25.0/17

-106.274 $\pm$ 124.910 χ^2 /NDF: 41.6/37

-345.548 $\pm$ 179.160 χ^2 /NDF: 13.1/19

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 468.071+/-0.133 χ^2/NDF : 880319.3/16

Left Out: 384.699+/-0.322 χ^2/NDF : 0.0/0

Right Out: 461.656+/-0.127 χ^2/NDF : 967939.5/19

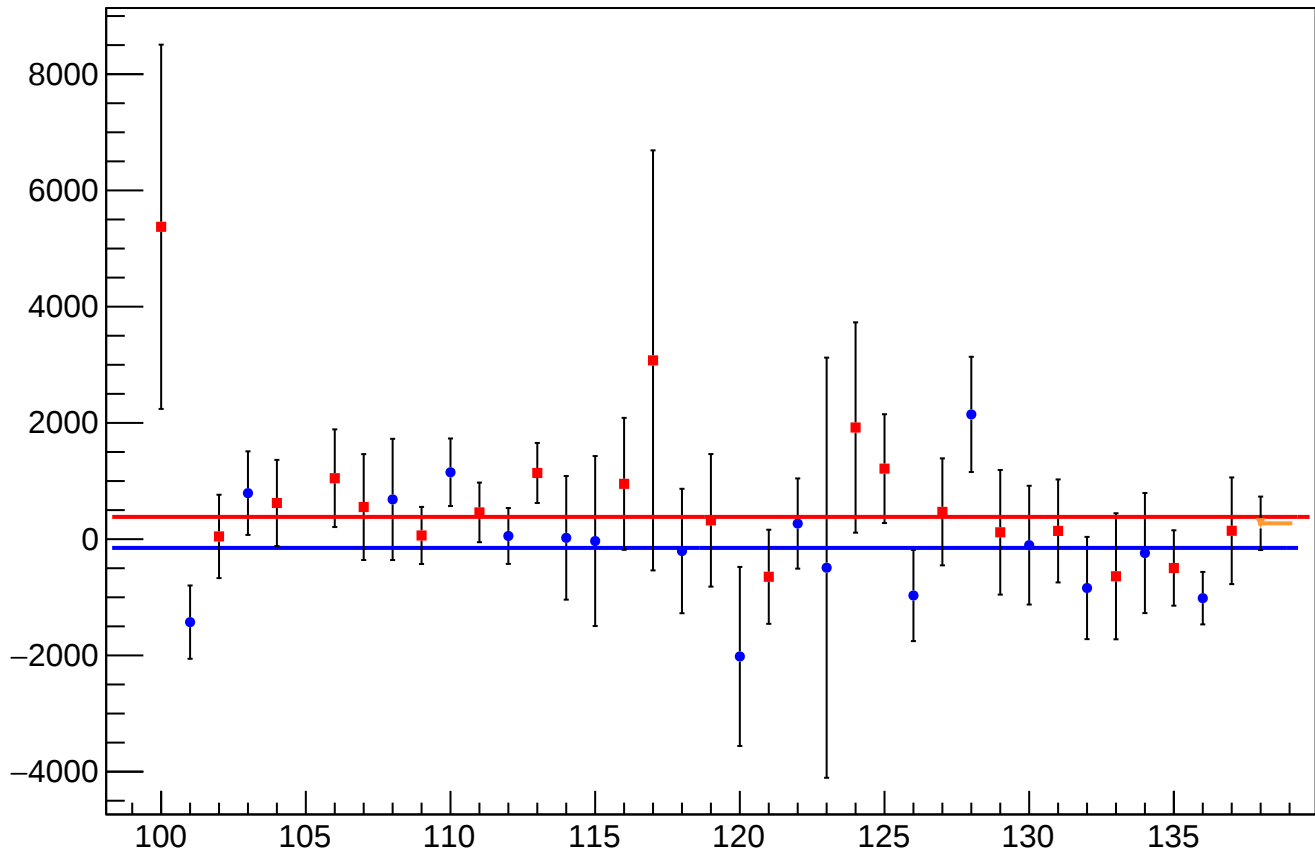
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

455.891+/-0.123 χ^2/NDF : 937442.8/17

458.693+/-0.088 χ^2/NDF : 1906446.4/37

461.656+/-0.127 χ^2/NDF : 967939.5/19

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -150.305+/-189.729 χ^2/NDF : 24.2/16

Left Out: 272.633+/-459.701 χ^2/NDF : 0.0/0

Right Out: 383.331+/-181.030 χ^2/NDF : 13.0/19

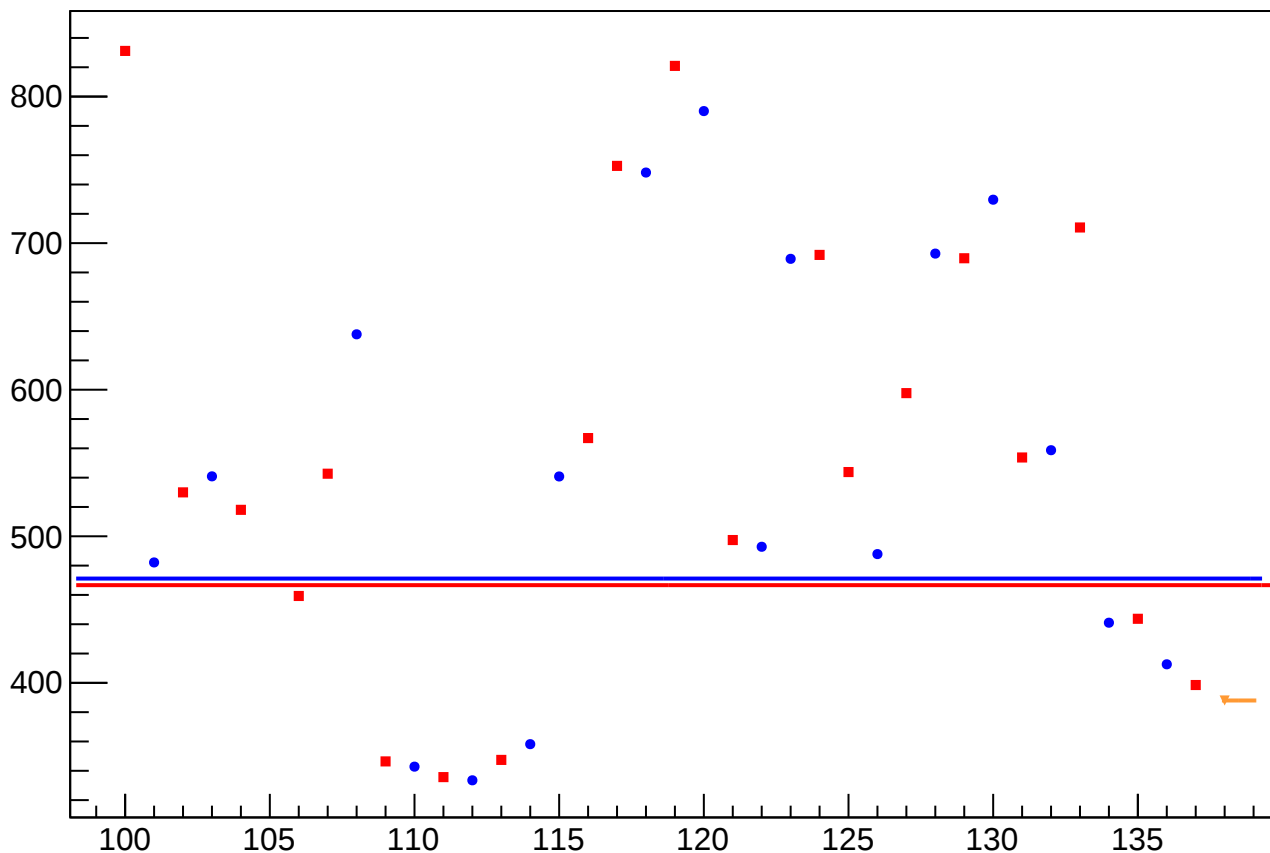
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-88.747+/-175.379 χ^2/NDF : 24.9/17

139.809+/-125.962 χ^2/NDF : 41.4/37

383.331+/-181.030 χ^2/NDF : 13.0/19

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 471.156+/-0.134 χ^2/NDF : 871832.5/16

Left Out: 387.970+/-0.325 χ^2/NDF : 0.0/0

Right Out: 466.655+/-0.128 χ^2/NDF : 953088.6/19

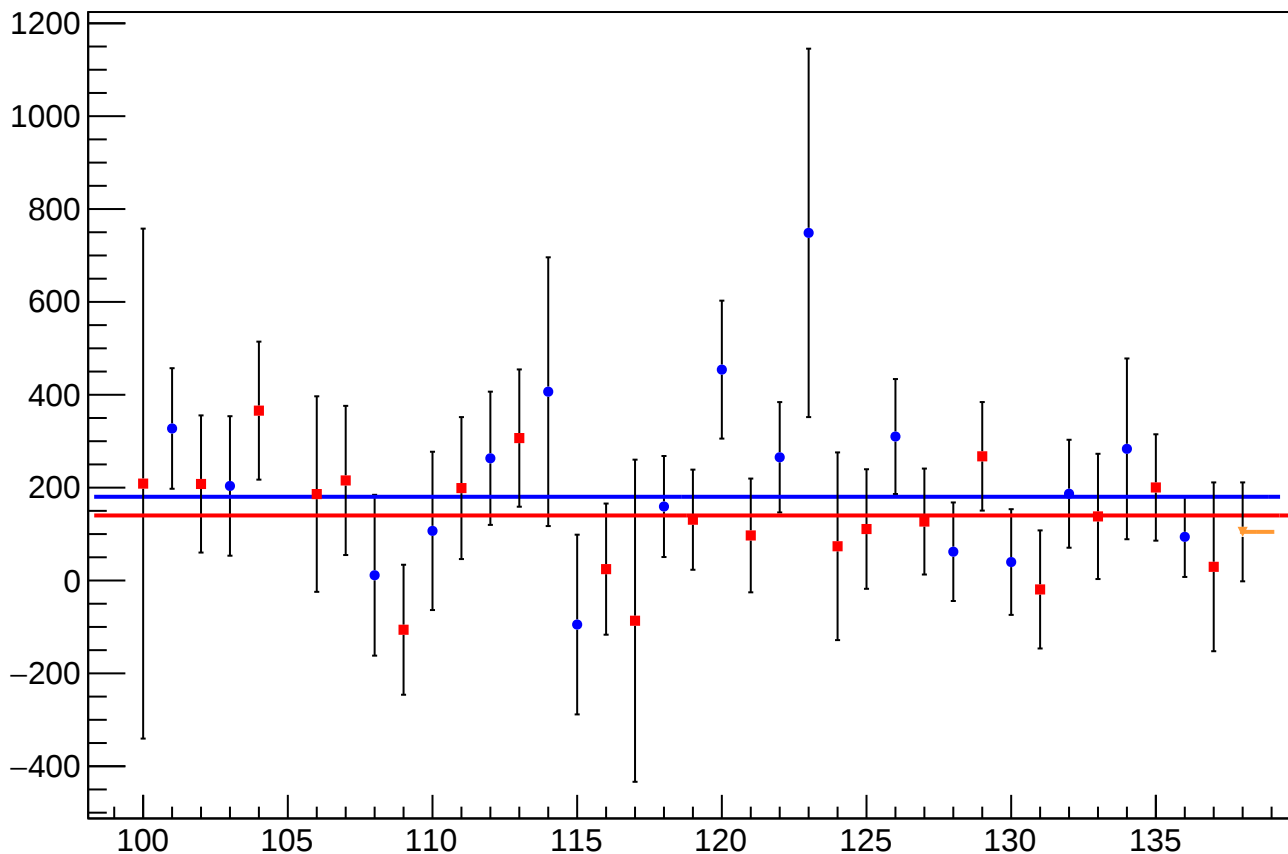
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

459.049+/-0.124 χ^2/NDF : 927791.3/17

462.731+/-0.089 χ^2/NDF : 1882701.3/37

466.655+/-0.128 χ^2/NDF : 953088.6/19

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 180.326 $\pm$ 32.769 χ^2 /NDF: 16.6/16

Left Out: 104.761 $\pm$ 106.517 χ^2 /NDF: 0.0/0

Right Out: 140.070 $\pm$ 32.198 χ^2 /NDF: 12.1/19

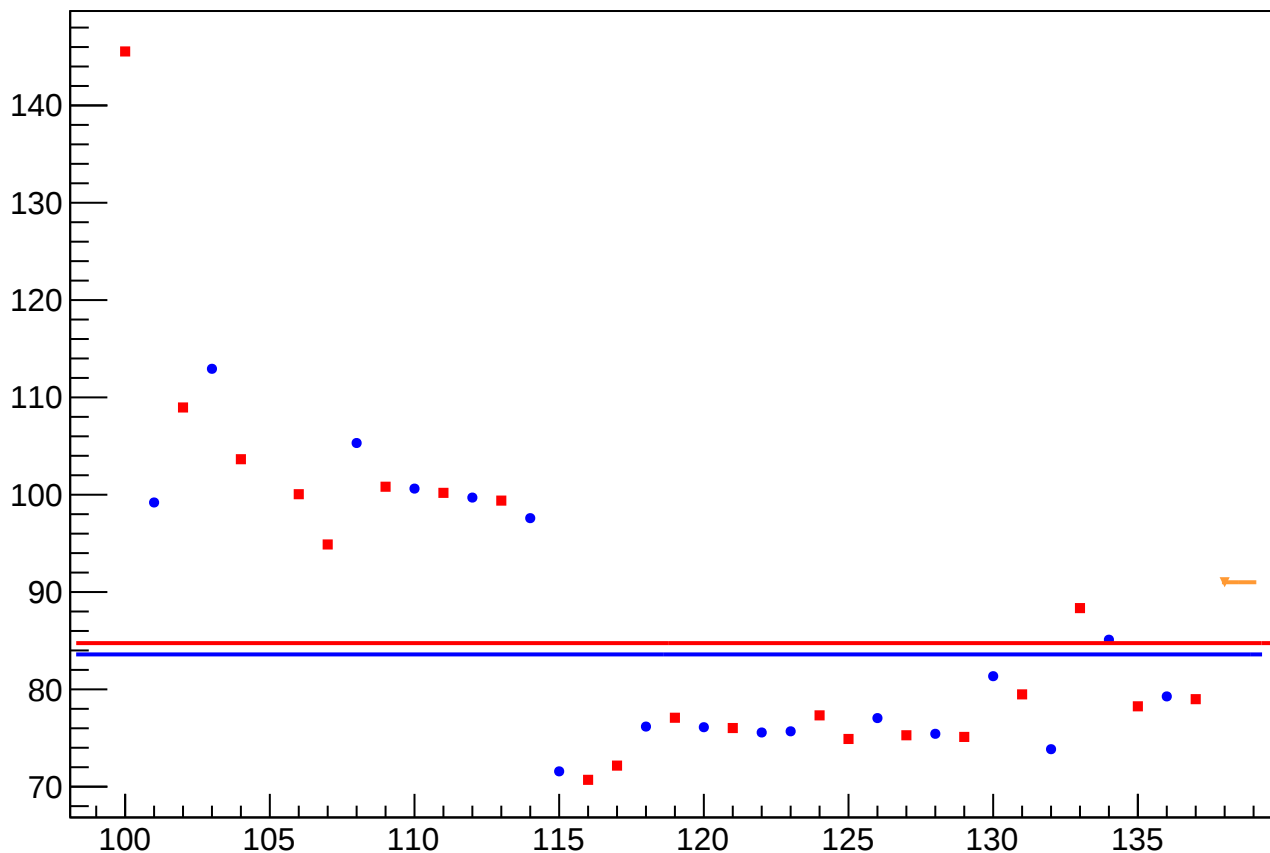
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

173.793 $\pm$ 31.320 χ^2 /NDF: 17.0/17

157.397 $\pm$ 22.451 χ^2 /NDF: 29.7/37

140.070 $\pm$ 32.198 χ^2 /NDF: 12.1/19

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 83.591+/-0.023 χ^2/NDF : 255921.7/16

Left Out: 91.006+/-0.075 χ^2/NDF : 0.0/0

Right Out: 84.752+/-0.023 χ^2/NDF : 293262.6/19

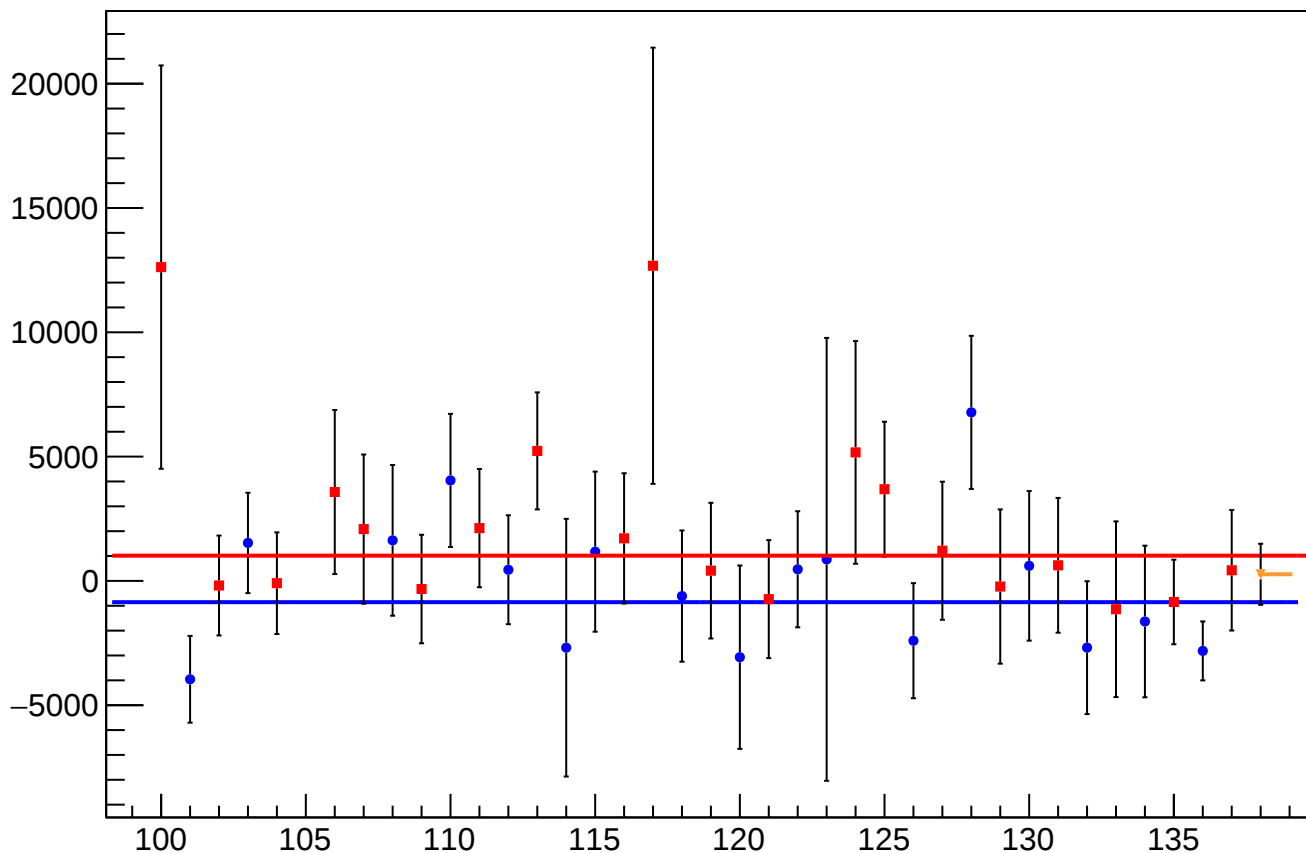
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

84.232+/-0.022 χ^2/NDF : 264775.7/17

84.485+/-0.016 χ^2/NDF : 558306.2/37

84.752+/-0.023 χ^2/NDF : 293262.6/19

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -855.308 ± 583.290 χ^2/NDF : 20.3/16

Left Out: 267.276 ± 1227.787 χ^2/NDF : 0.0/0

Right Out: 1015.523 ± 587.747 χ^2/NDF : 13.3/19

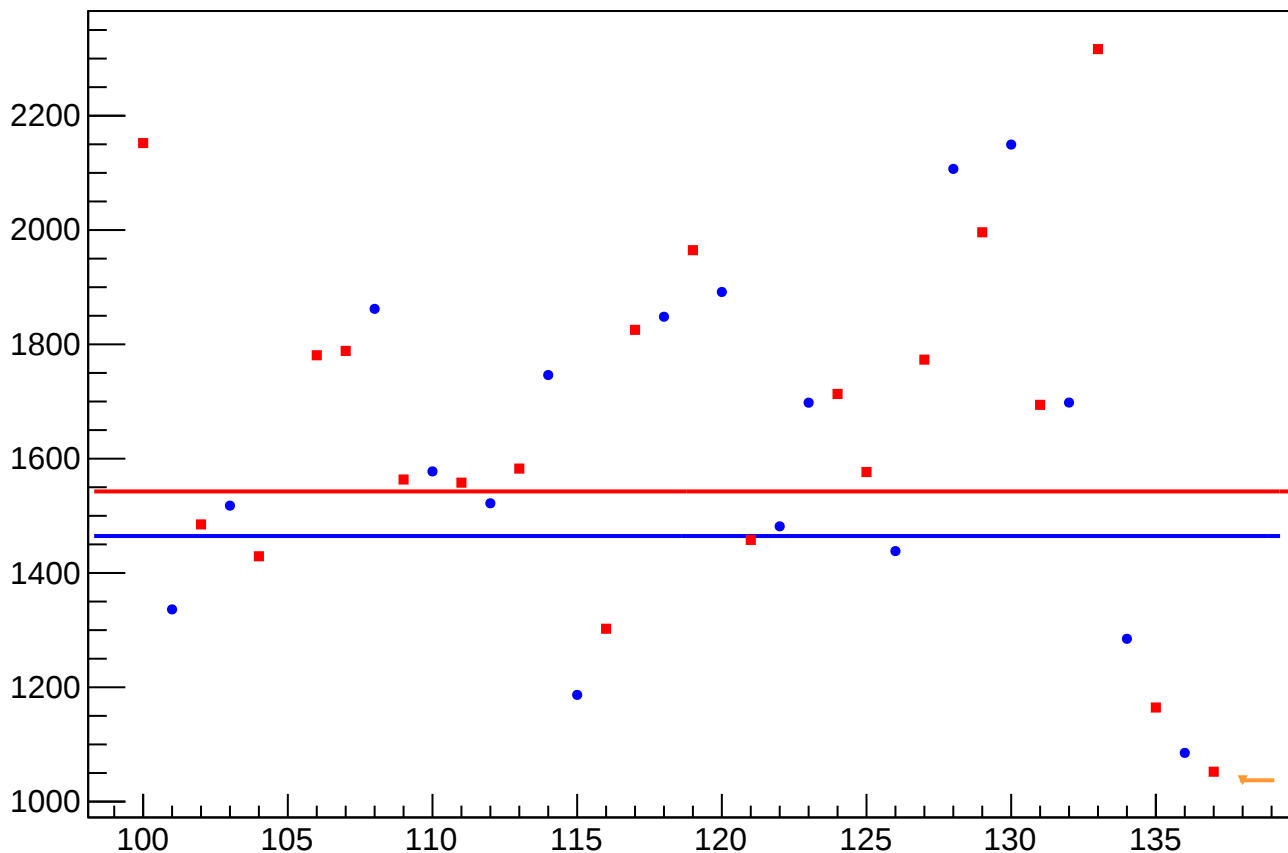
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-648.599 ± 526.858 χ^2/NDF : 21.0/17

92.824 ± 392.311 χ^2/NDF : 38.7/37

1015.523 ± 587.747 χ^2/NDF : 13.3/19

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1464.636 $\pm$ 0.412 χ^2 /NDF: 560863.4/16

Left Out: 1037.267 $\pm$ 0.868 χ^2 /NDF: 0.0/0

Right Out: 1542.663 $\pm$ 0.416 χ^2 /NDF: 455797.2/19

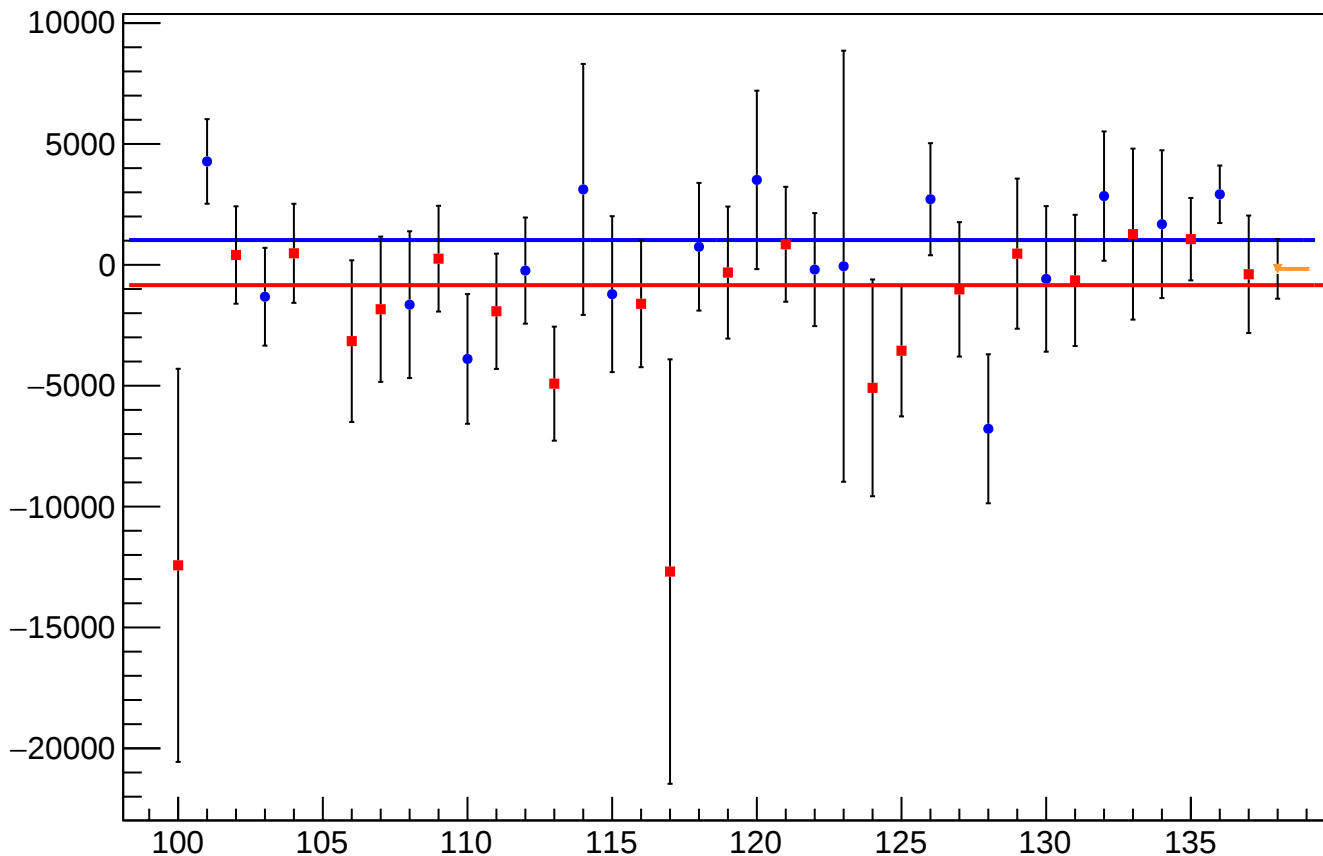
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1385.941 $\pm$ 0.373 χ^2 /NDF: 758563.9/17

1455.766 $\pm$ 0.277 χ^2 /NDF: 1293207.4/37

1542.663 $\pm$ 0.416 χ^2 /NDF: 455797.2/19

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1025.527 $\pm$ 584.500 χ^2 /NDF: 20.9/16

Left Out: -168.416 $\pm$ 1232.699 χ^2 /NDF: 0.0/0

Right Out: -840.586 $\pm$ 589.057 χ^2 /NDF: 13.0/19

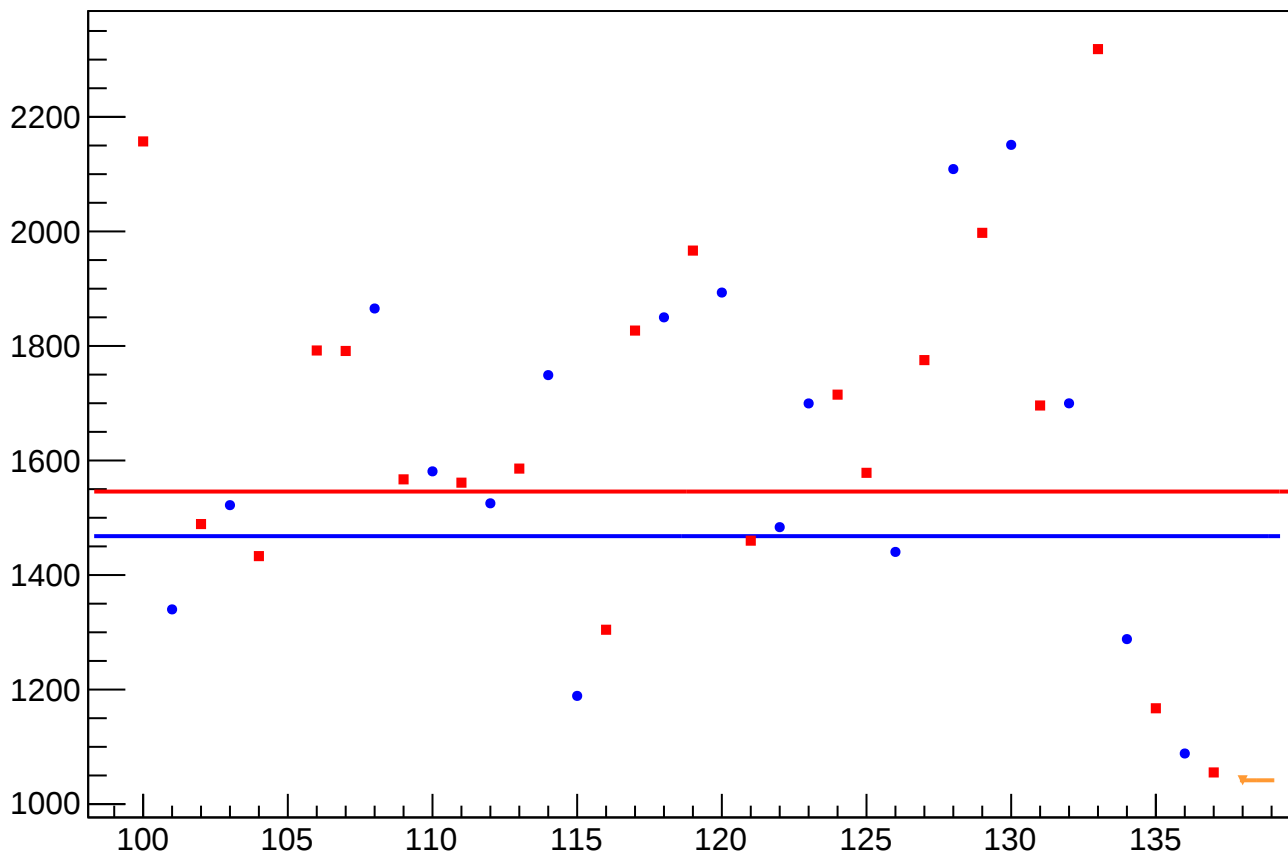
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

806.366 $\pm$ 528.137 χ^2 /NDF: 21.7/17

72.432 $\pm$ 393.229 χ^2 /NDF: 39.1/37

-840.586 $\pm$ 589.057 χ^2 /NDF: 13.0/19

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1467.905 $\pm$ 0.413 χ^2 /NDF: 557458.9/16

Left Out: 1041.580 $\pm$ 0.872 χ^2 /NDF: 0.0/0

Right Out: 1545.785 $\pm$ 0.417 χ^2 /NDF: 453865.6/19

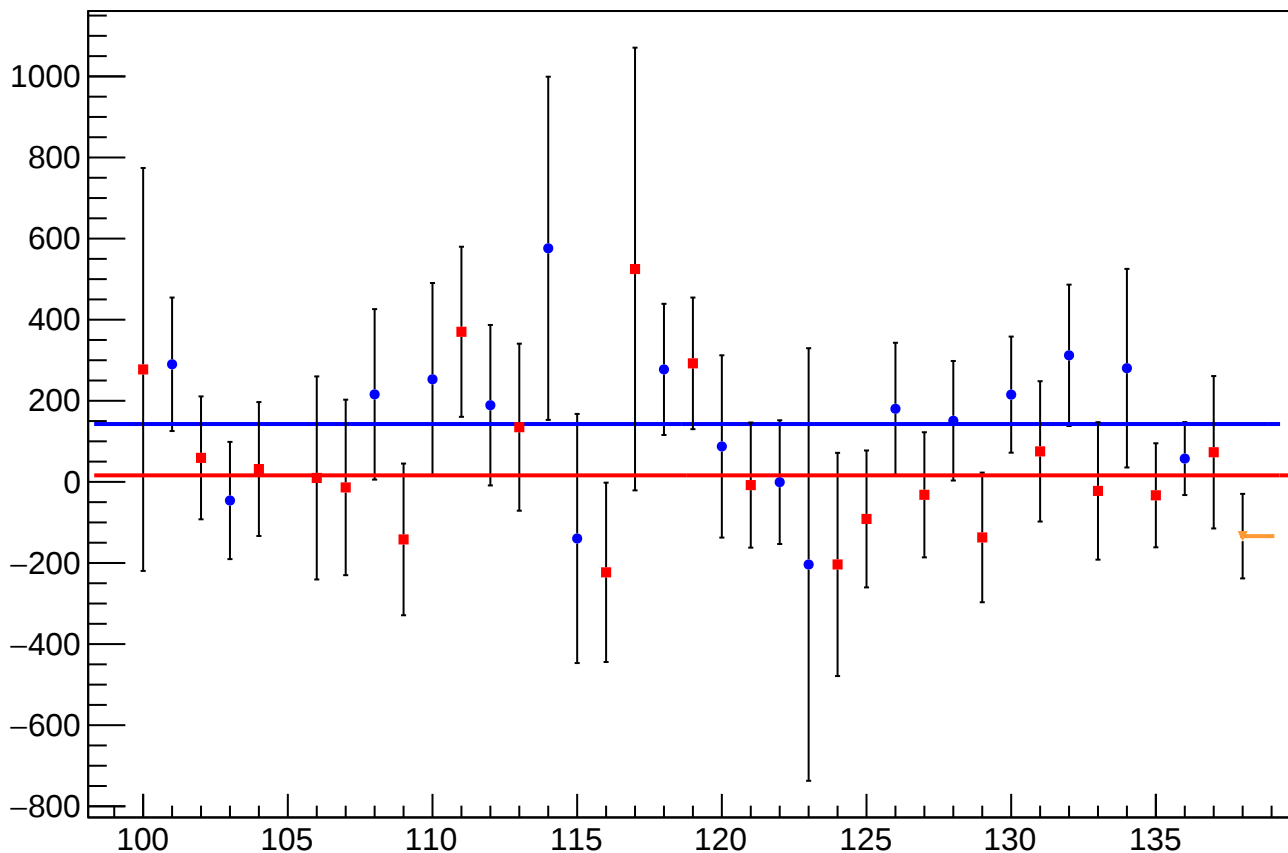
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1389.649 $\pm$ 0.373 χ^2 /NDF: 752767.9/17

1459.228 $\pm$ 0.278 χ^2 /NDF: 1284530.0/37

1545.785 $\pm$ 0.417 χ^2 /NDF: 453865.6/19

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 142.683 $\pm$ 41.625 χ^2 /NDF: 9.3/16

Left Out: -133.795 $\pm$ 104.254 χ^2 /NDF:0.0/0

Right Out: 16.103 $\pm$ 41.277 χ^2 /NDF: 11.7/19

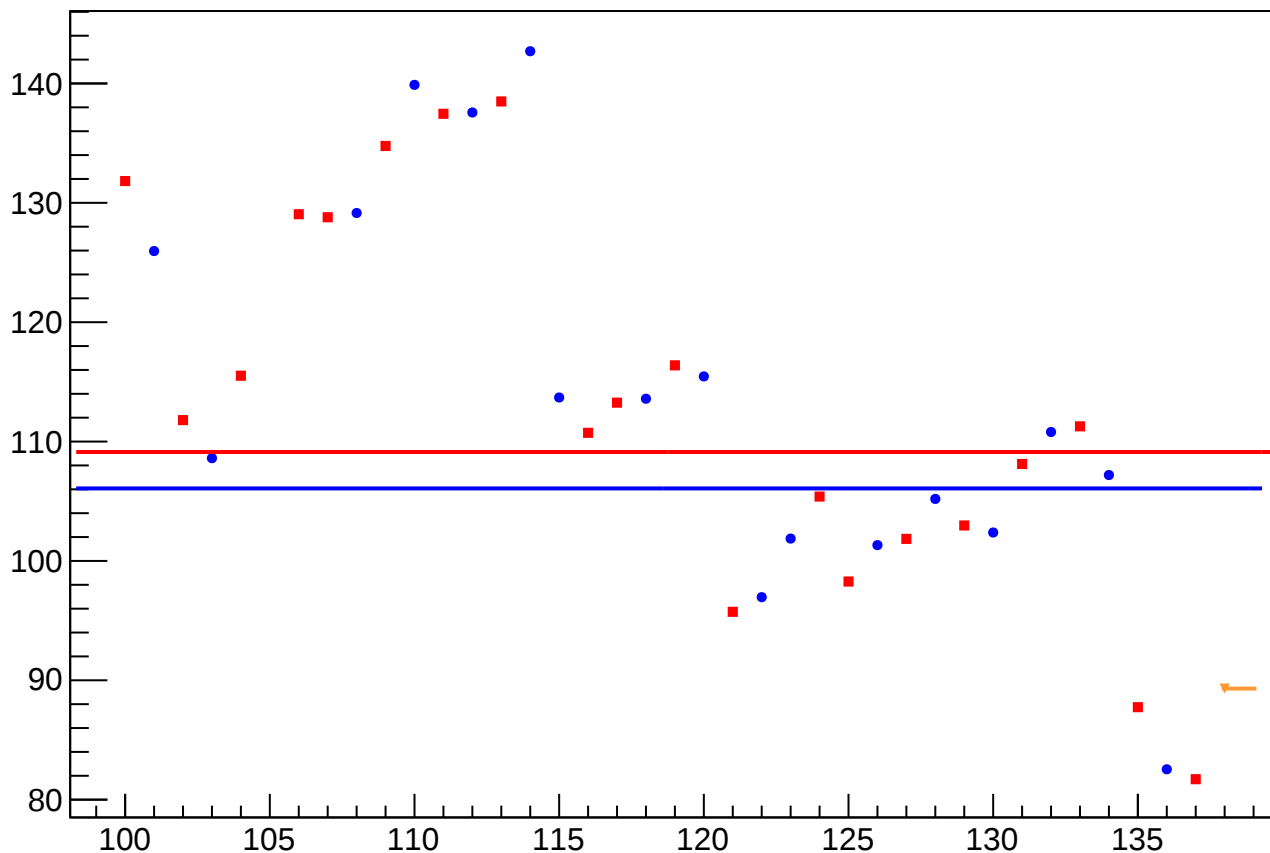
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

104.669 $\pm$ 38.658 χ^2 /NDF: 15.4/17

63.285 $\pm$ 28.216 χ^2 /NDF: 29.5/37

16.103 $\pm$ 41.277 χ^2 /NDF: 11.7/19

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 106.074 $\pm$ 0.029 χ^2 /NDF: 317907.9/16

Left Out: 89.306 $\pm$ 0.074 χ^2 /NDF: 0.0/0

Right Out: 109.124 $\pm$ 0.029 χ^2 /NDF: 285510.2/19

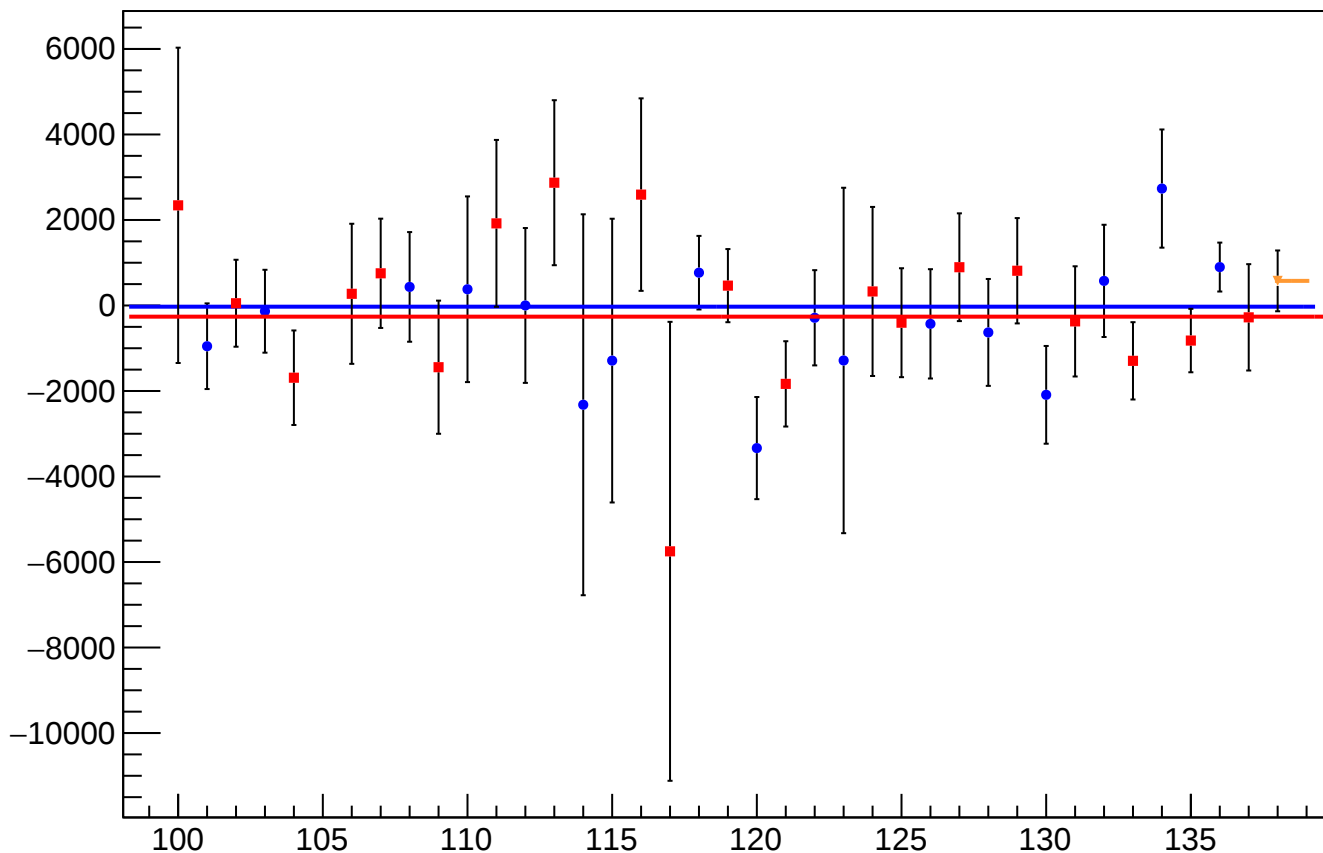
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

103.768 $\pm$ 0.027 χ^2 /NDF: 362527.6/17

106.271 $\pm$ 0.020 χ^2 /NDF: 665975.8/37

109.124 $\pm$ 0.029 χ^2 /NDF: 285510.2/19

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -27.969 ± 283.741 χ^2/NDF : 20.5/16

Left Out: 575.744 ± 711.146 χ^2/NDF : 0.0/0

Right Out: -261.265 ± 279.073 χ^2/NDF : 16.9/19

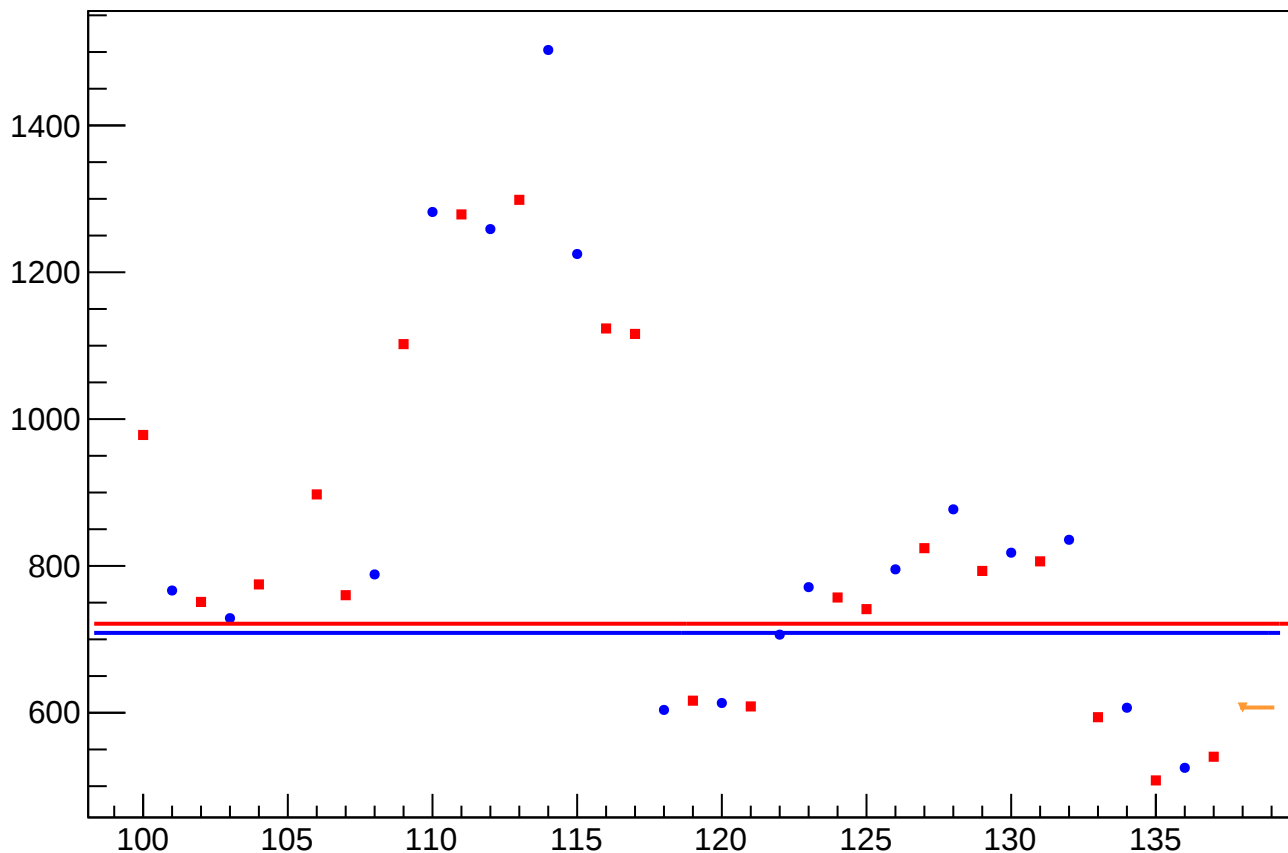
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

54.940 ± 263.539 χ^2/NDF : 21.1/17

-94.118 ± 191.606 χ^2/NDF : 38.7/37

-261.265 ± 279.073 χ^2/NDF : 16.9/19

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 708.784+/-0.201 χ^2/NDF : 793538.1/16

Left Out: 607.148+/-0.503 χ^2/NDF : 0.0/0

Right Out: 721.271+/-0.197 χ^2/NDF : 910781.0/19

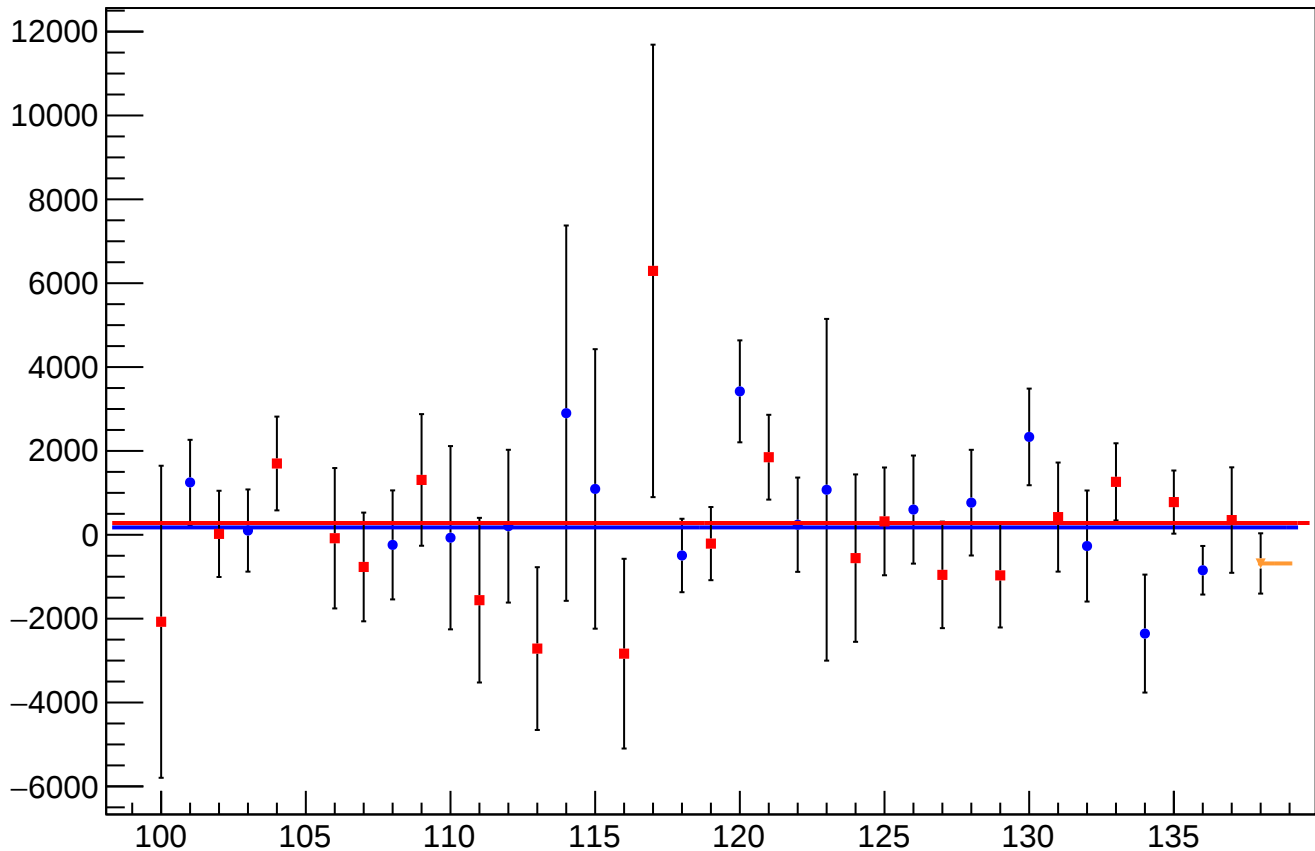
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

694.826+/-0.186 χ^2/NDF : 828779.2/17

707.292+/-0.135 χ^2/NDF : 1749053.1/37

721.271+/-0.197 χ^2/NDF : 910781.0/19

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 175.854 $\pm$ 287.218 χ^2 /NDF: 19.7/16

Left Out: -683.475 $\pm$ 719.022 χ^2 /NDF: 0.0/0

Right Out: 281.173 $\pm$ 282.685 χ^2 /NDF: 16.1/19

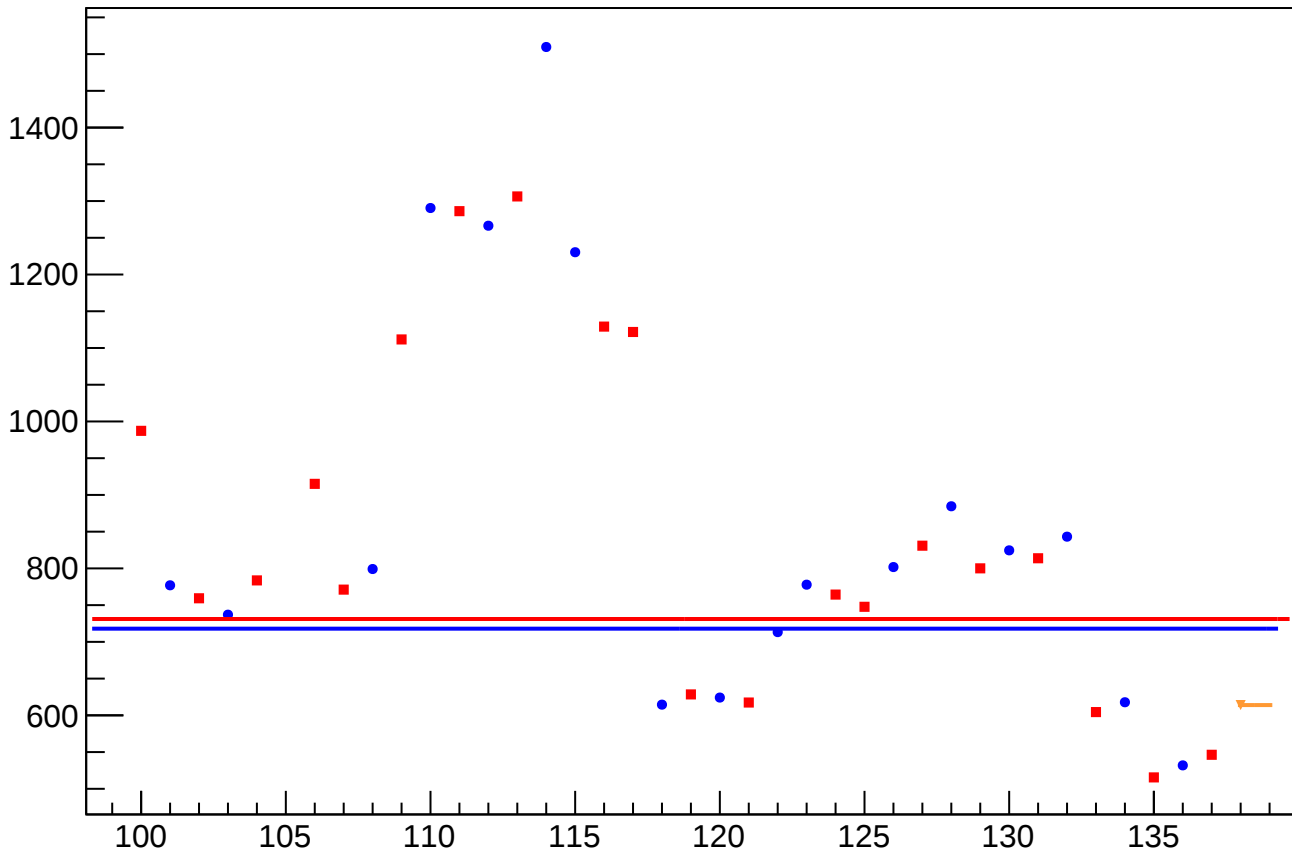
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

57.604 $\pm$ 266.725 χ^2 /NDF: 21.0/17

162.899 $\pm$ 194.000 χ^2 /NDF: 37.4/37

281.173 $\pm$ 282.685 χ^2 /NDF: 16.1/19

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.973+/-0.203 χ^2/NDF : 778580.1/16

Left Out: 613.974+/-0.508 χ^2/NDF : 0.0/0

Right Out: 731.116+/-0.200 χ^2/NDF : 892357.6/19

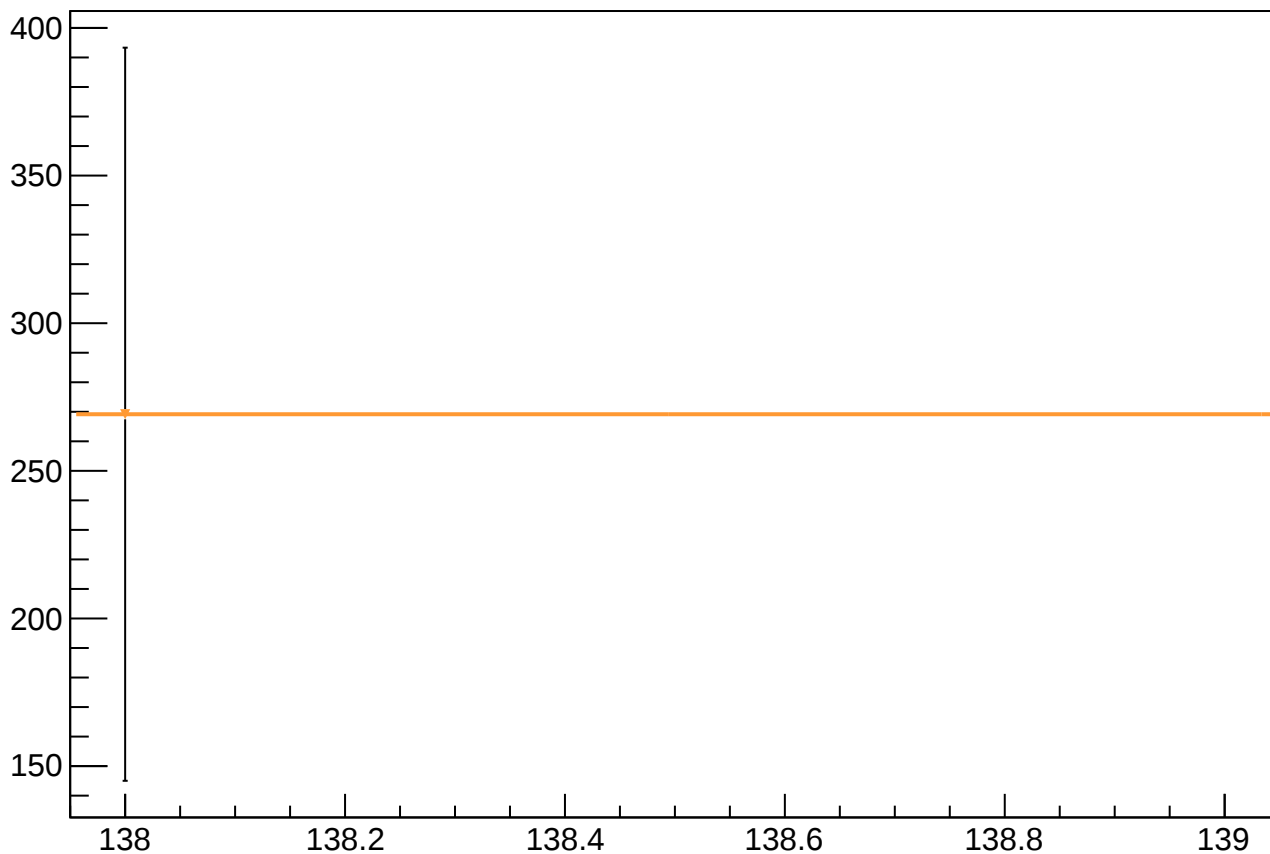
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

703.662+/-0.189 χ^2/NDF : 814663.6/17

716.592+/-0.137 χ^2/NDF : 1717000.5/37

731.116+/-0.200 χ^2/NDF : 892357.6/19

reg_asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 269.172+/-124.146 χ^2/NDF : 0.0/0

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

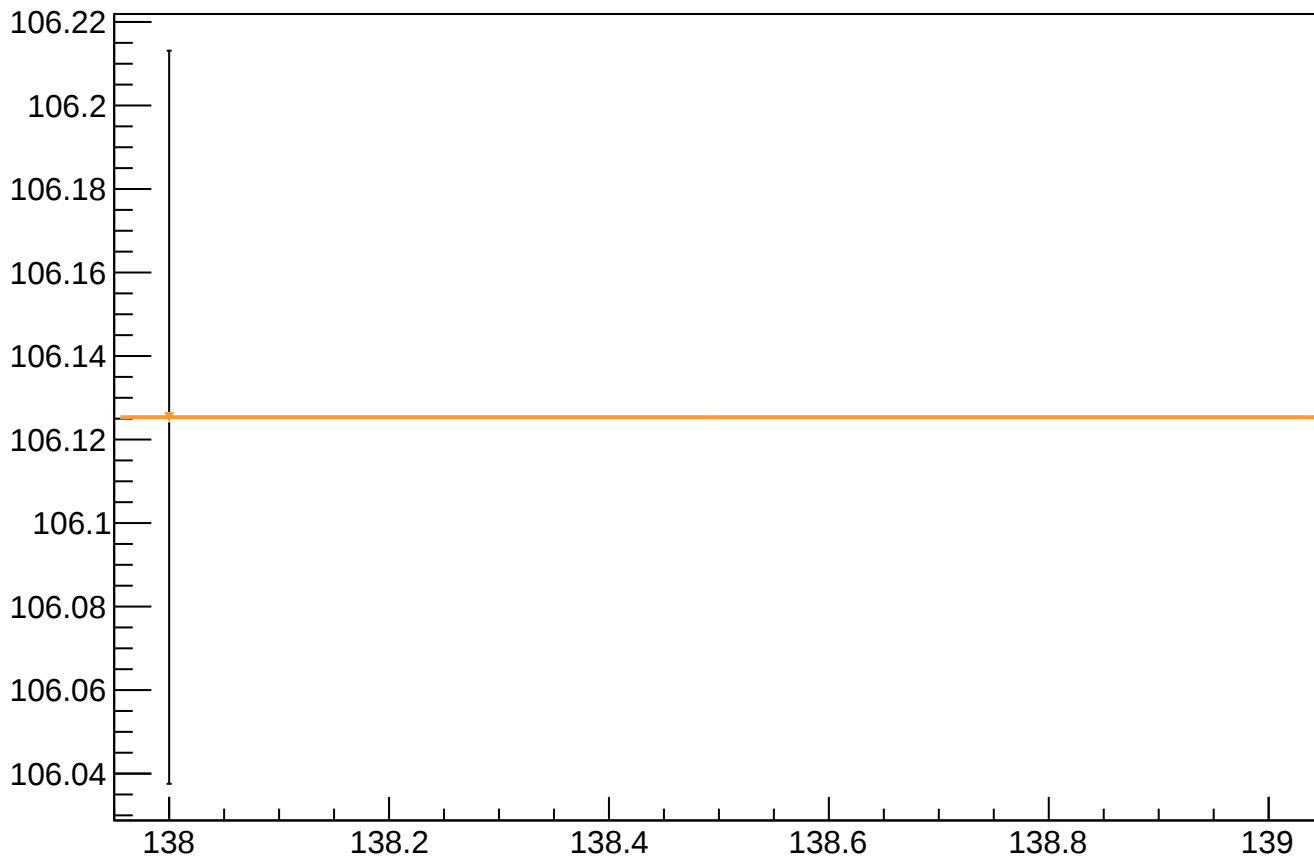
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

269.172+/-124.146 χ^2/NDF : 0.0/0

269.172+/-124.146 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 106.125+/-0.088 χ^2/NDF : 0.0/0

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

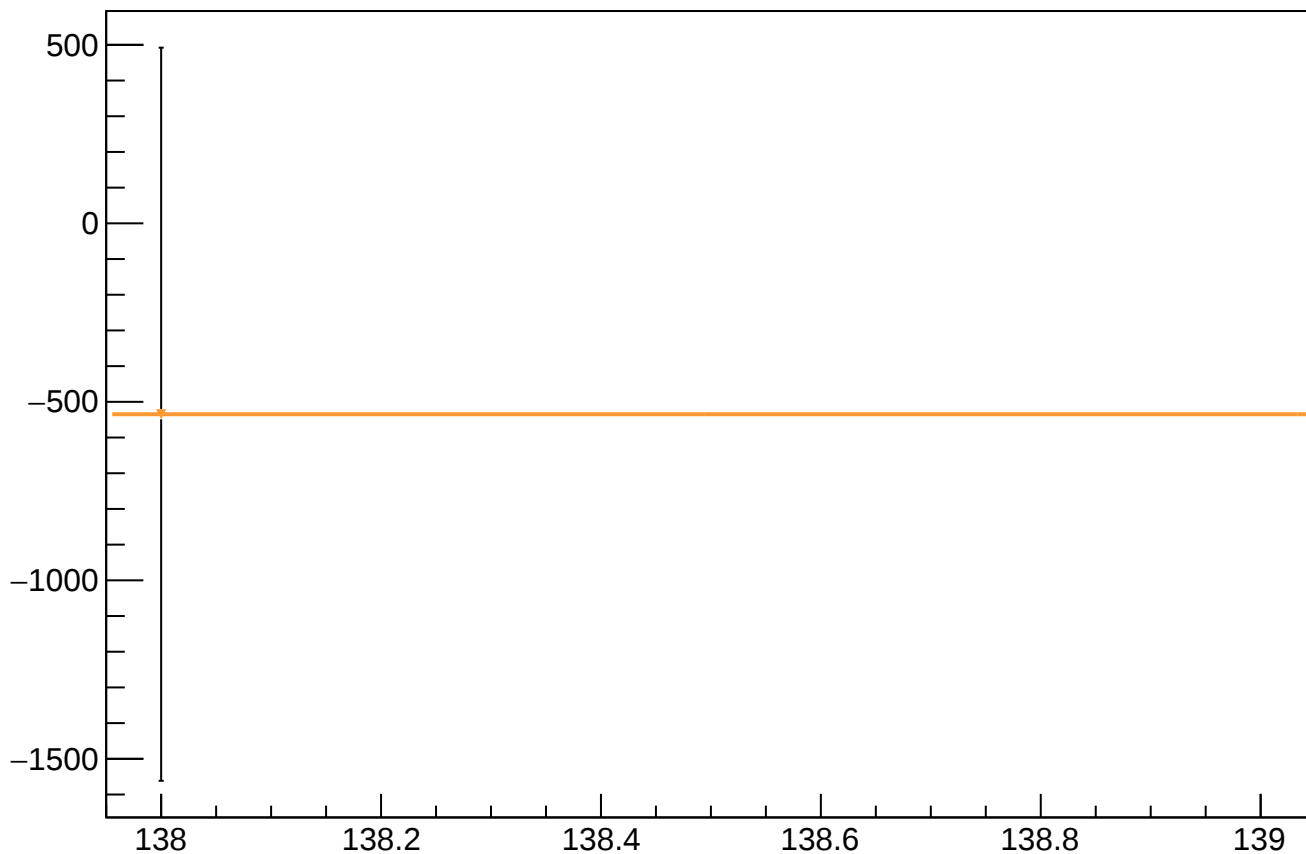
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

106.125+/-0.088 χ^2/NDF : 0.0/0

106.125+/-0.088 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -534.744+/-1026.813 χ^2/NDF : 0.0/0

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

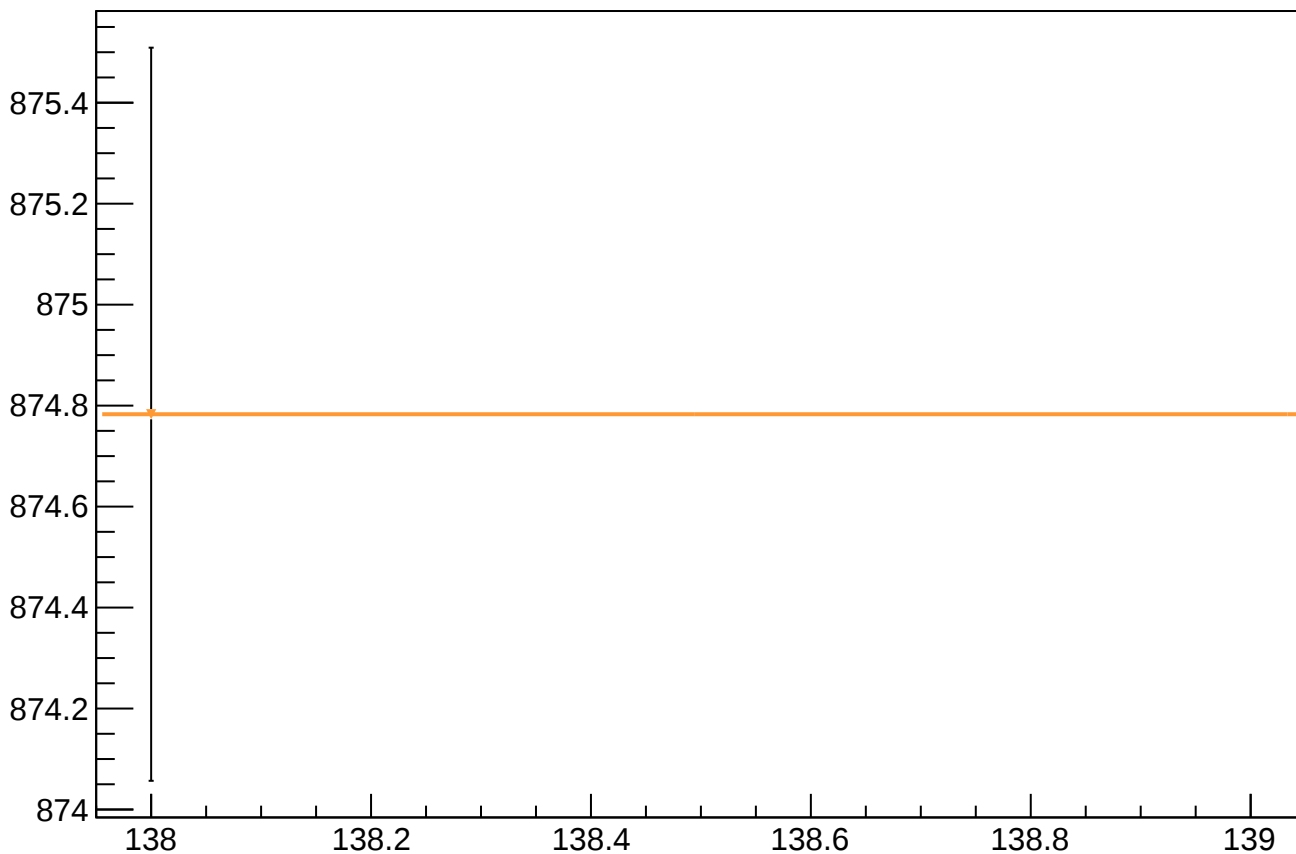
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-534.744+/-1026.813 χ^2/NDF : 0.0/0

-534.744+/-1026.813 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 874.783+/-0.726 χ^2/NDF : 0.0/0

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

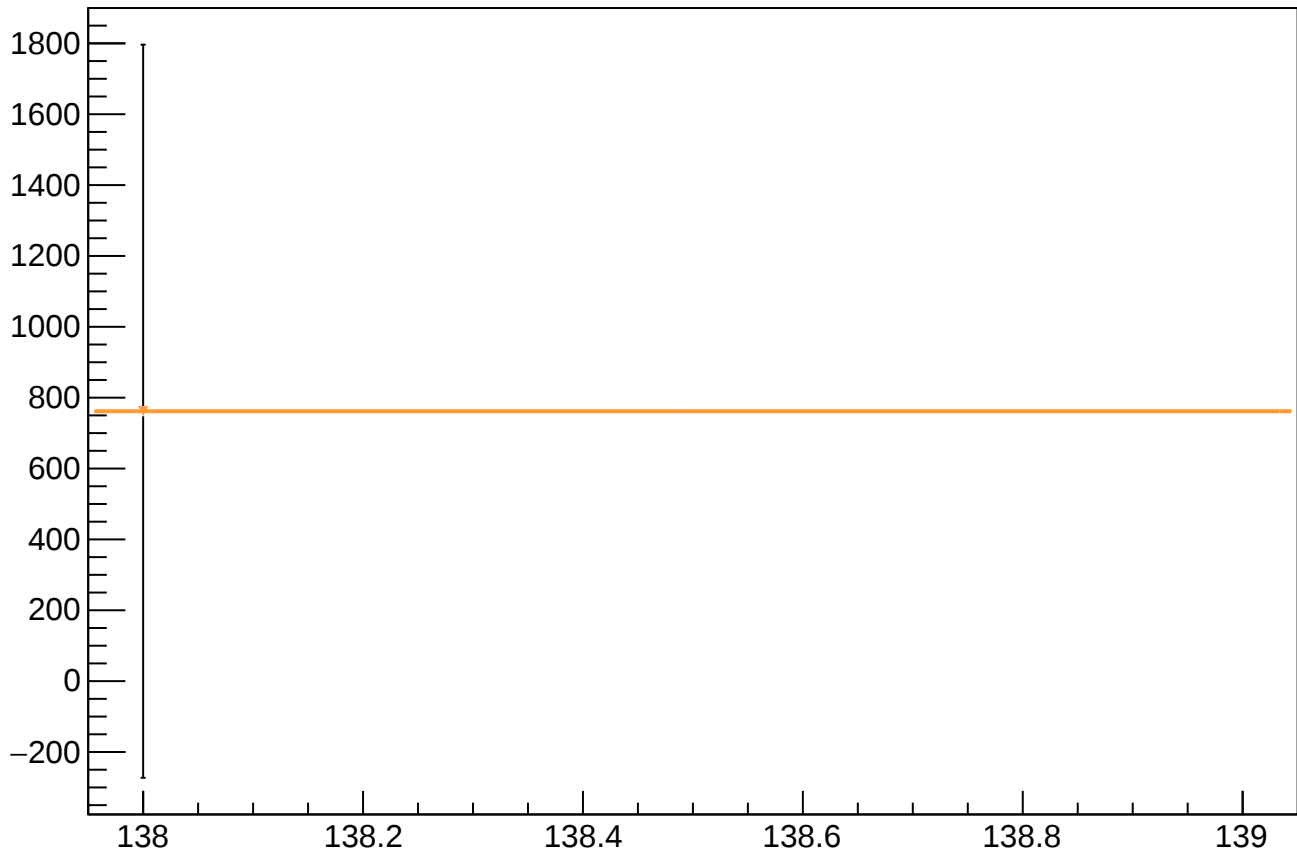
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

874.783+/-0.726 χ^2/NDF : 0.0/0

874.783+/-0.726 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 761.735+/-1034.544 χ^2/NDF : 0.0/0

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

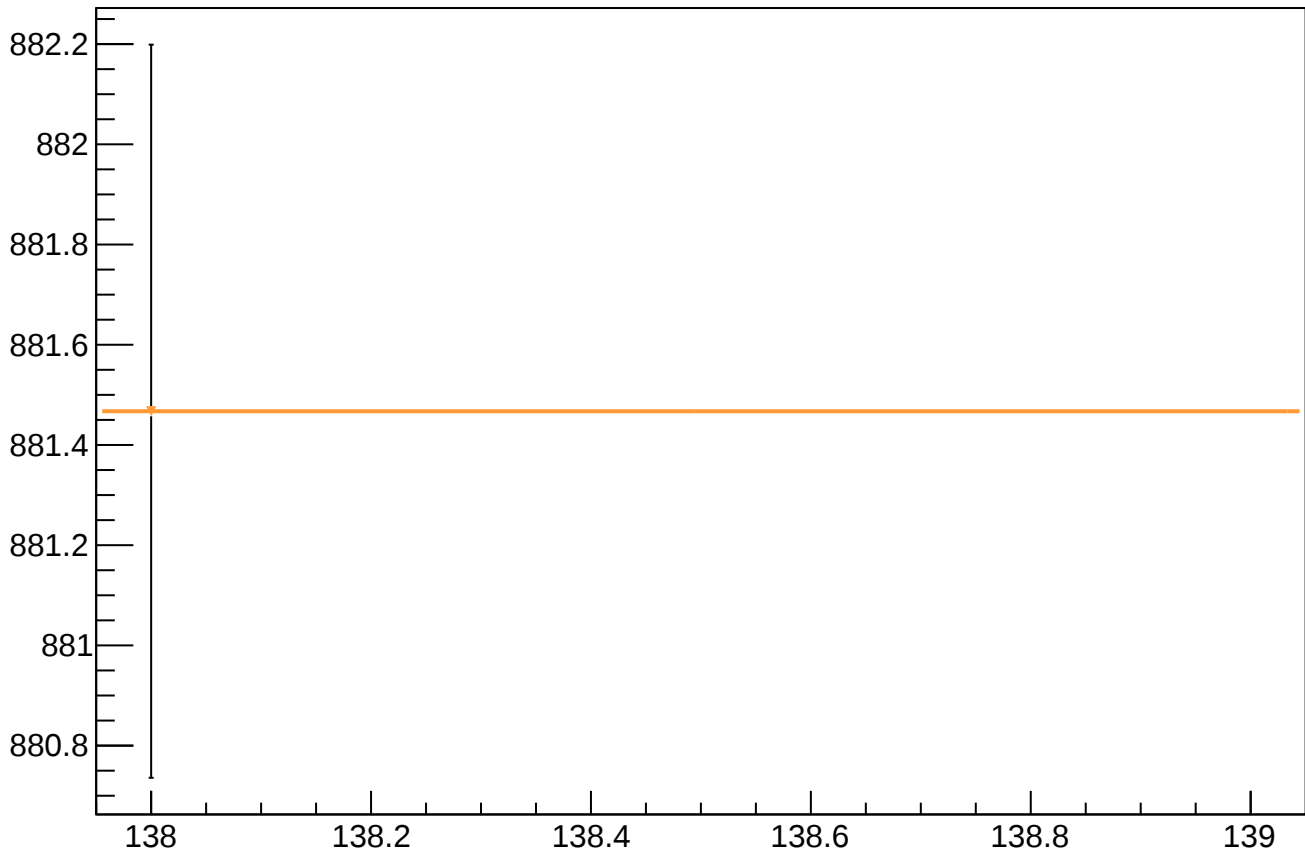
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

761.735+/-1034.544 χ^2/NDF : 0.0/0

761.735+/-1034.544 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 881.467+/-0.732 χ^2/NDF : 0.0/0

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

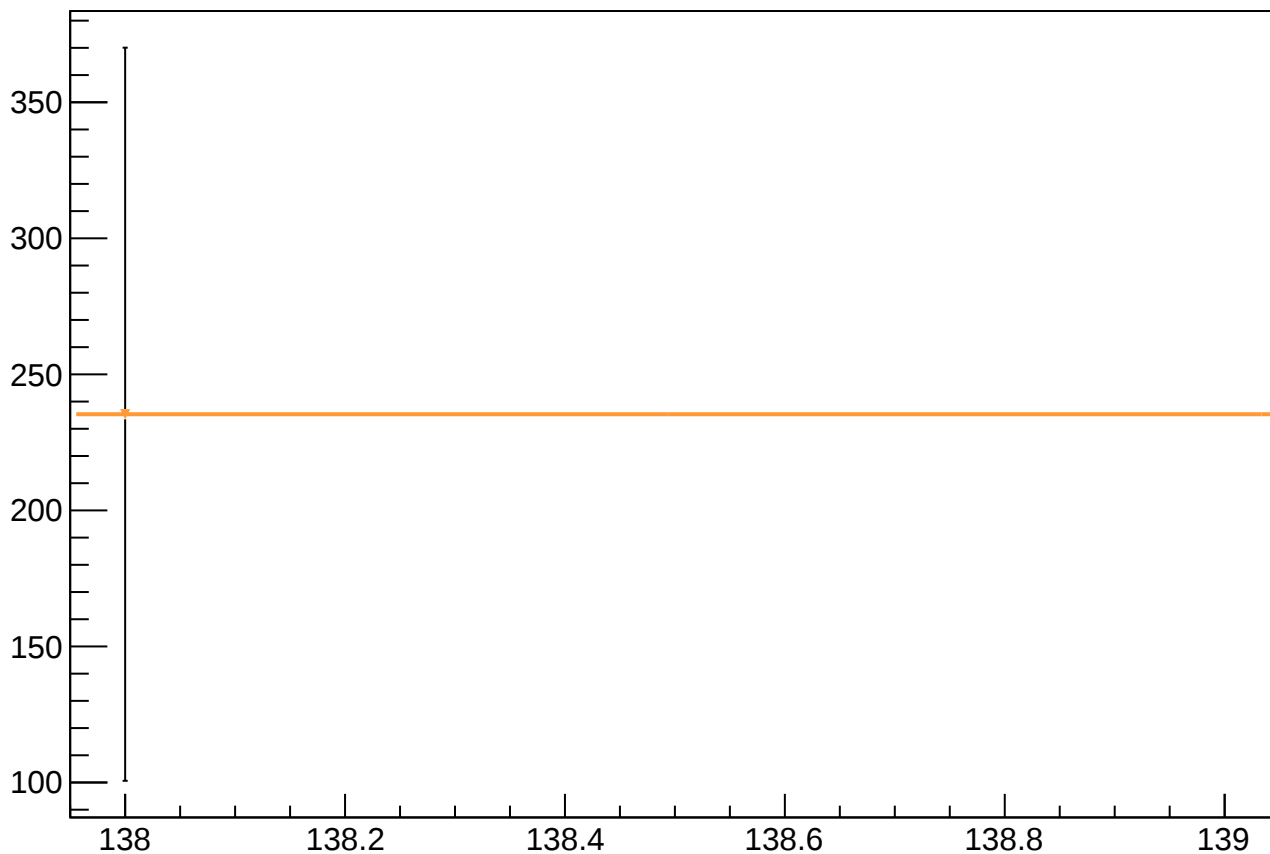
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

881.467+/-0.732 χ^2/NDF : 0.0/0

881.467+/-0.732 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 235.346+/-134.725 χ^2/NDF : 0.0/0

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

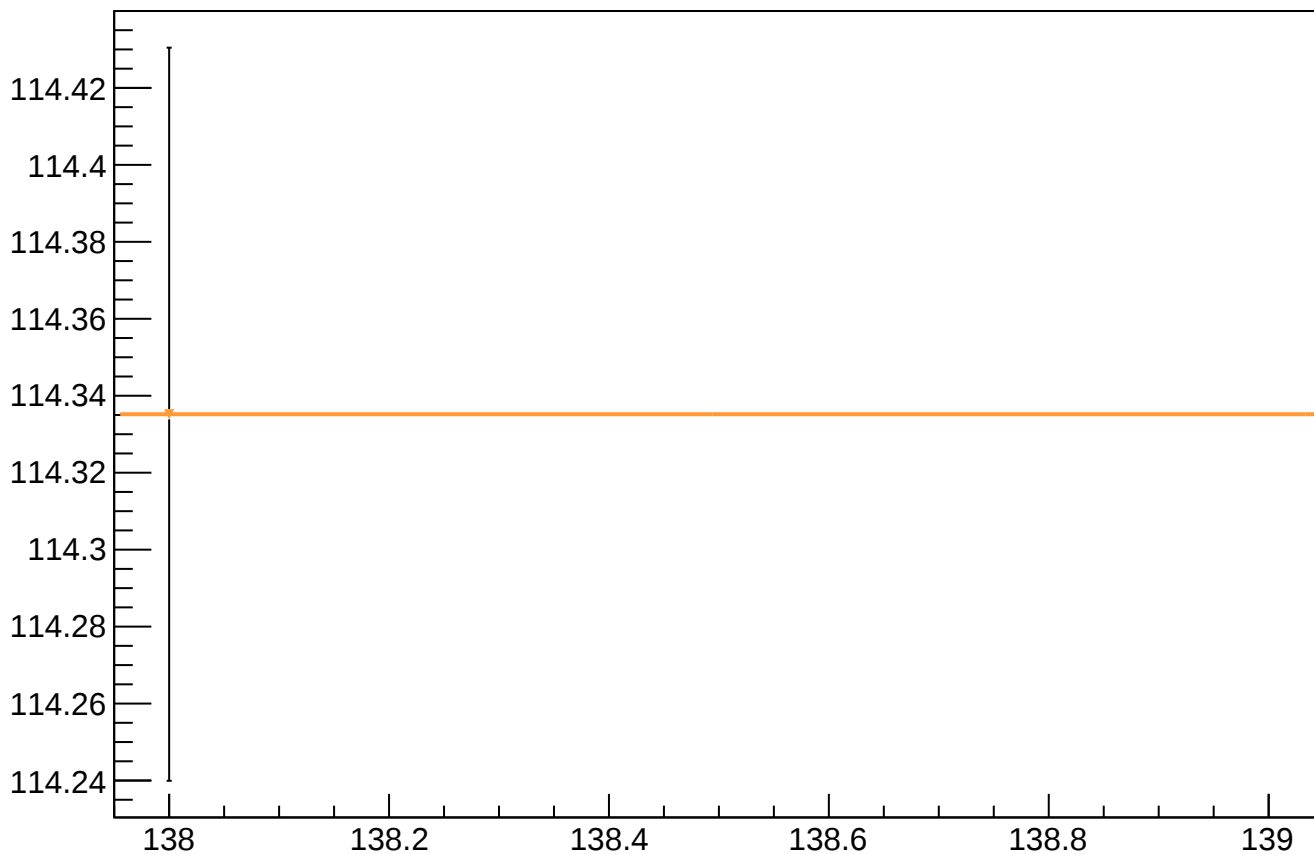
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

235.346+/-134.725 χ^2/NDF : 0.0/0

235.346+/-134.725 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 114.335+/-0.095 χ^2/NDF : 0.0/0

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

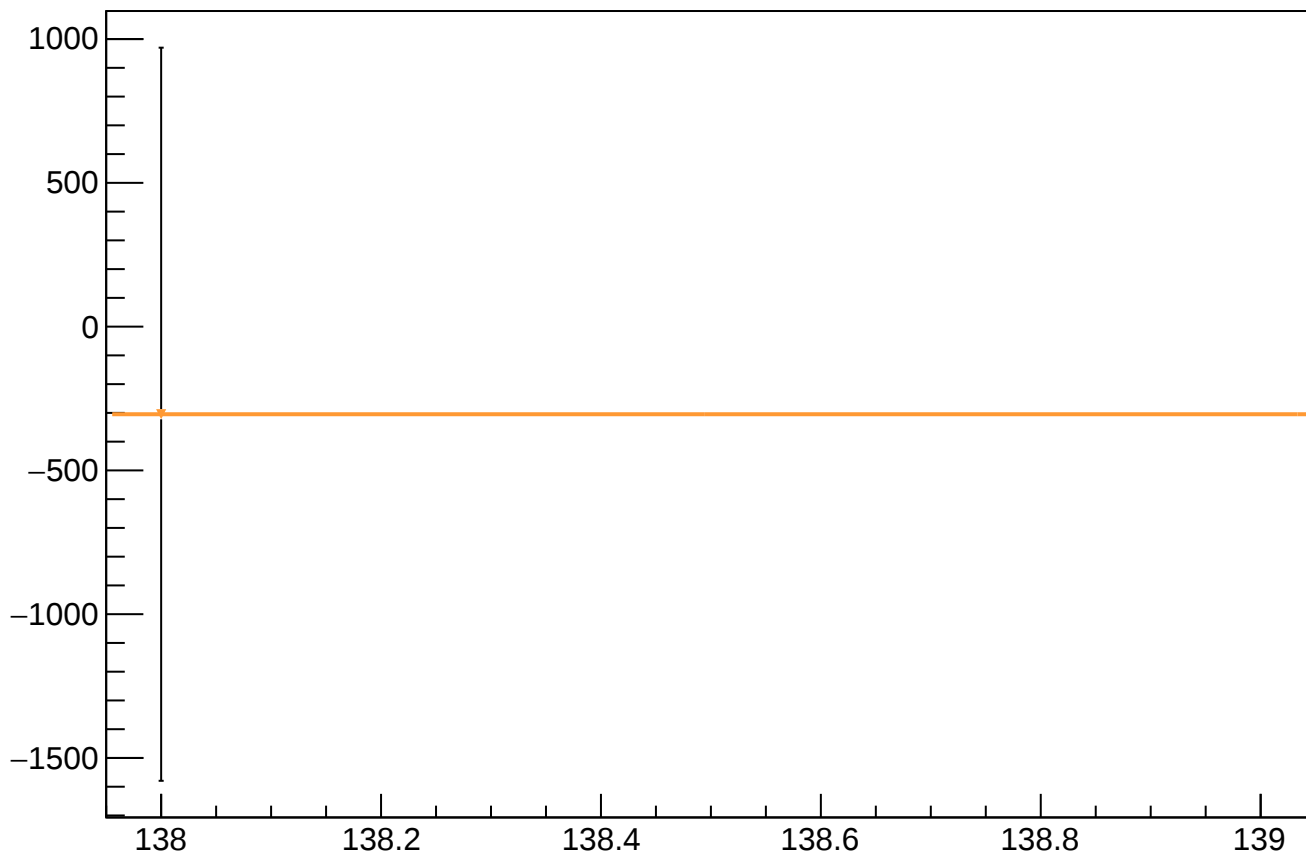
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

114.335+/-0.095 χ^2/NDF : 0.0/0

114.335+/-0.095 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -304.659+/-1274.779 χ^2/NDF : 0.0/0

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

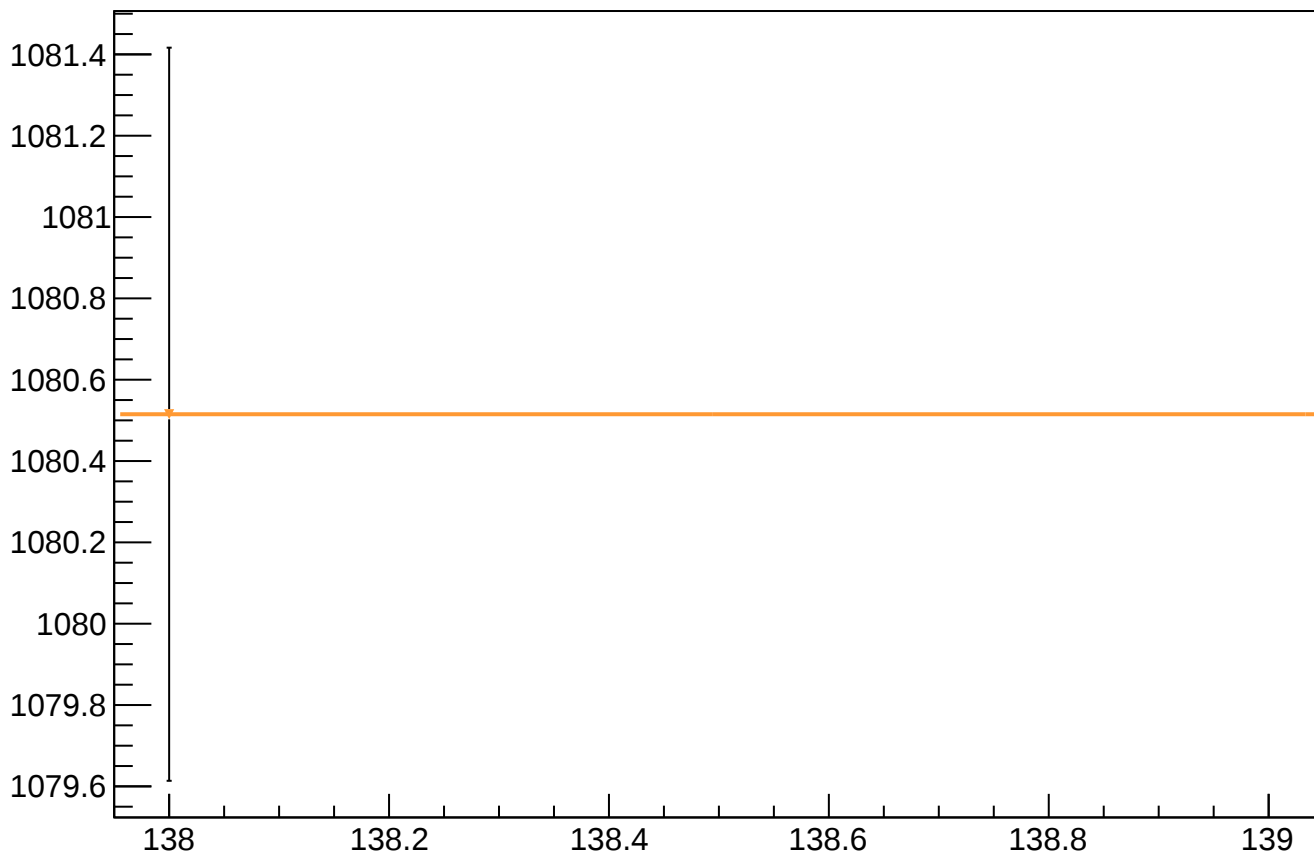
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-304.659+/-1274.779 χ^2/NDF : 0.0/0

-304.659+/-1274.779 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1080.515+/-0.901 χ^2/NDF : 0.0/0

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

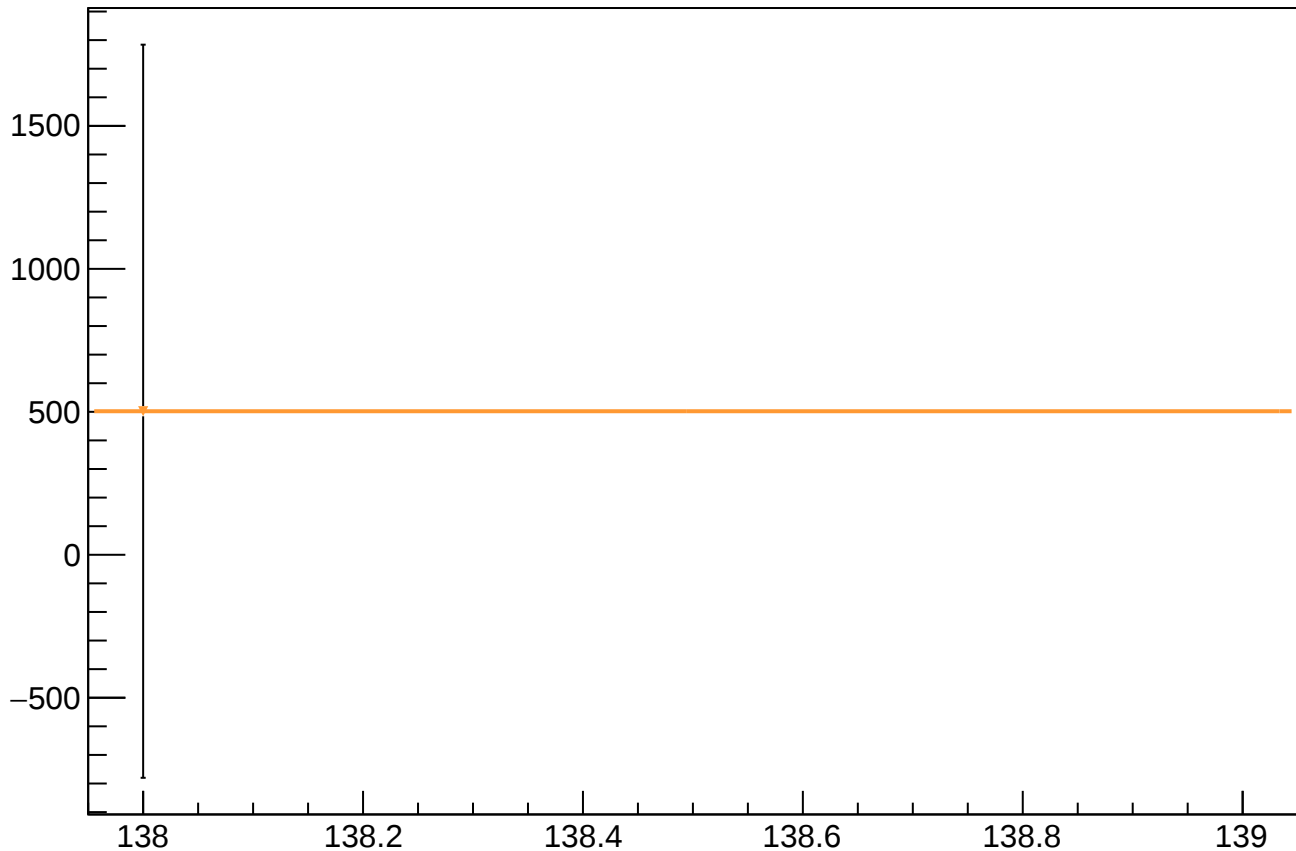
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1080.515+/-0.901 χ^2/NDF : 0.0/0

1080.515+/-0.901 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 502.043+/-1282.050 χ^2/NDF : 0.0/0

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

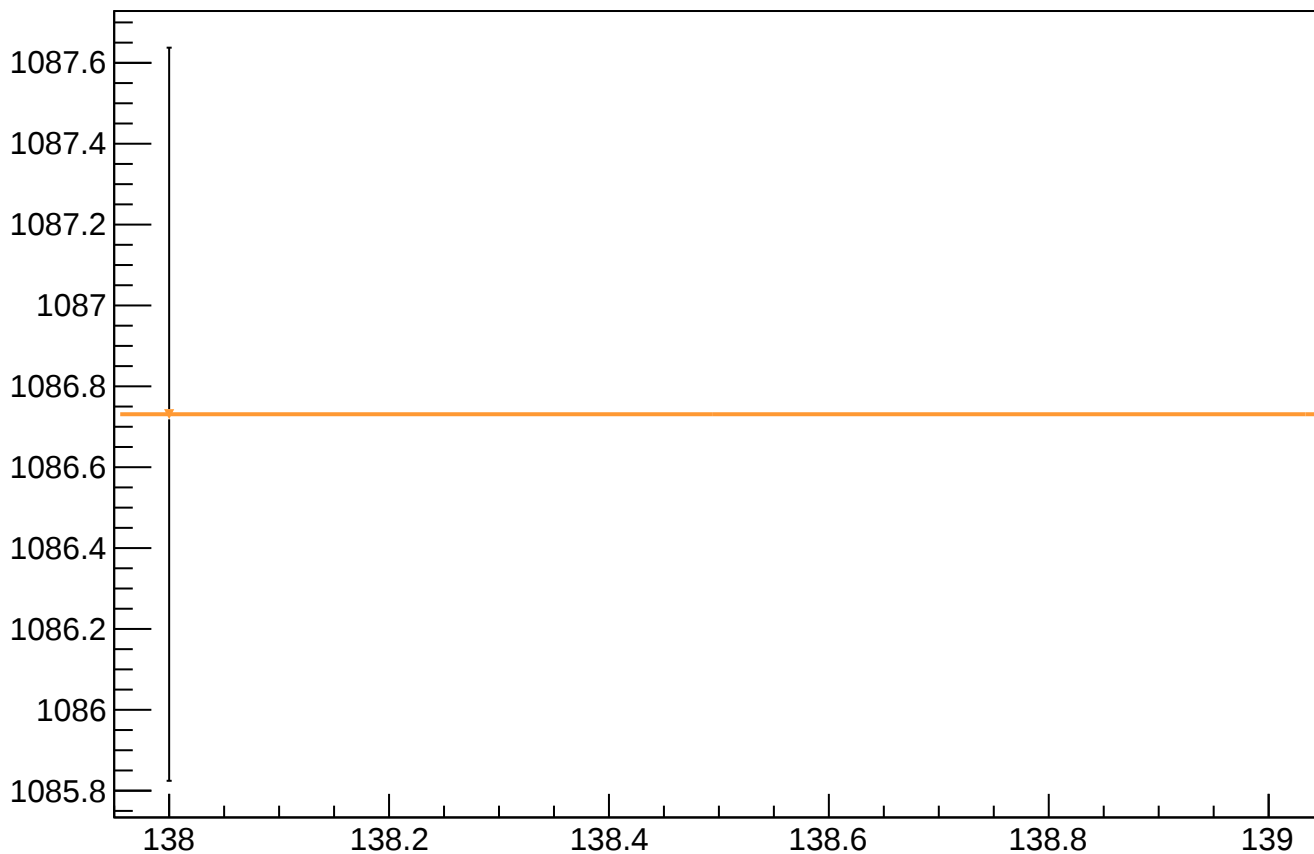
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

502.043+/-1282.050 χ^2/NDF : 0.0/0

502.043+/-1282.050 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 1086.731+/-0.907 χ^2/NDF : 0.0/0

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

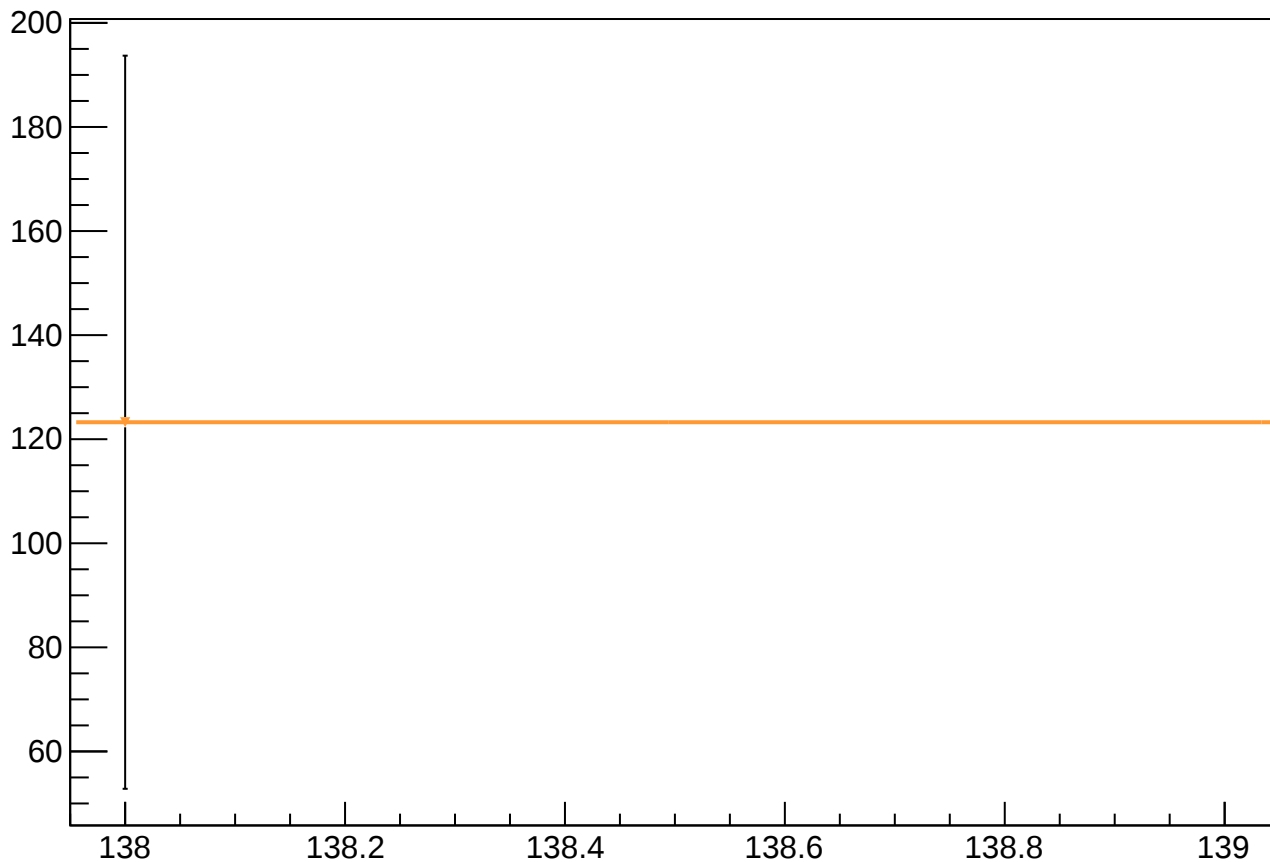
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1086.731+/-0.907 χ^2/NDF : 0.0/0

1086.731+/-0.907 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 123.260+/-70.442 χ^2 /NDF: 0.0/0

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

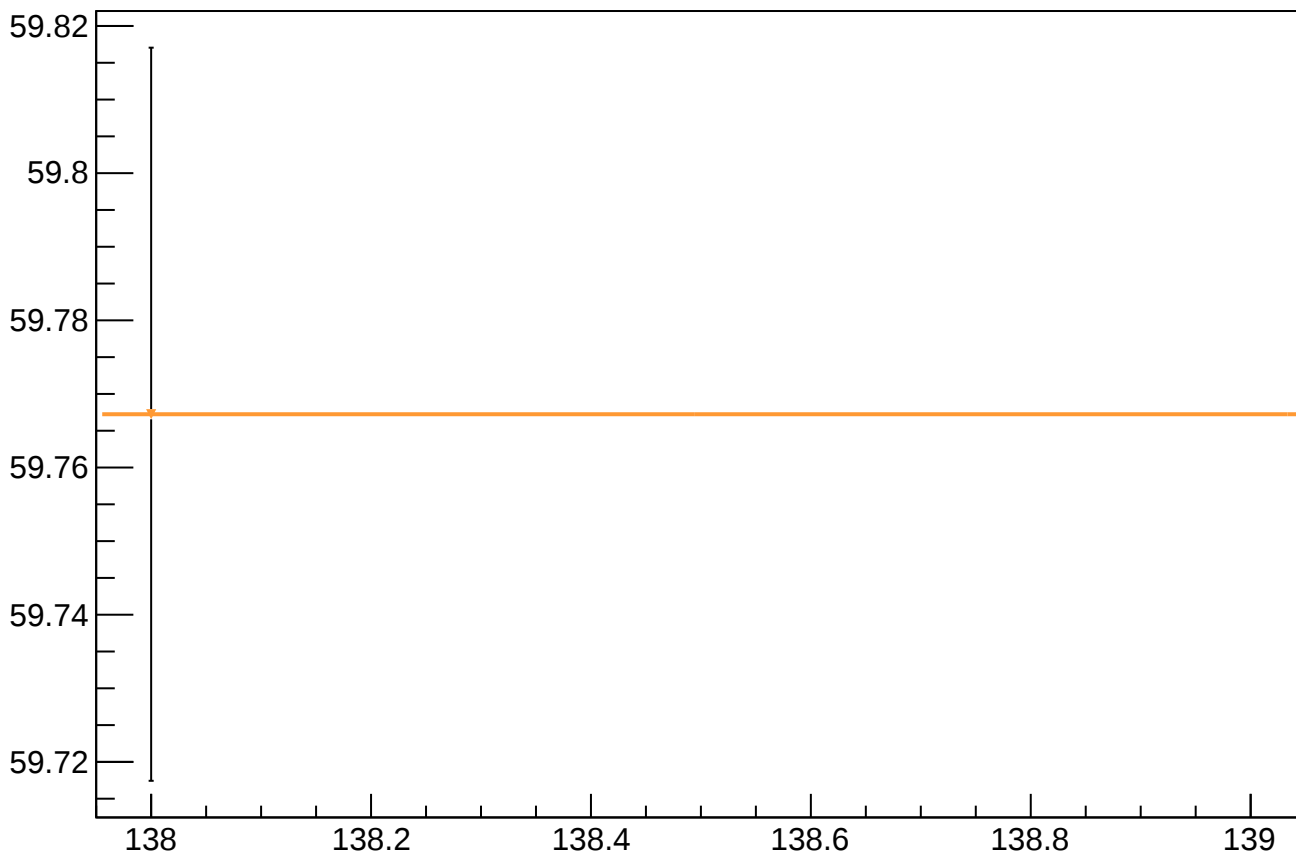
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

123.260+/-70.442 χ^2 /NDF: 0.0/0

123.260+/-70.442 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 59.767 $\pm$ 0.050 χ^2/NDF : 0.0/0

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

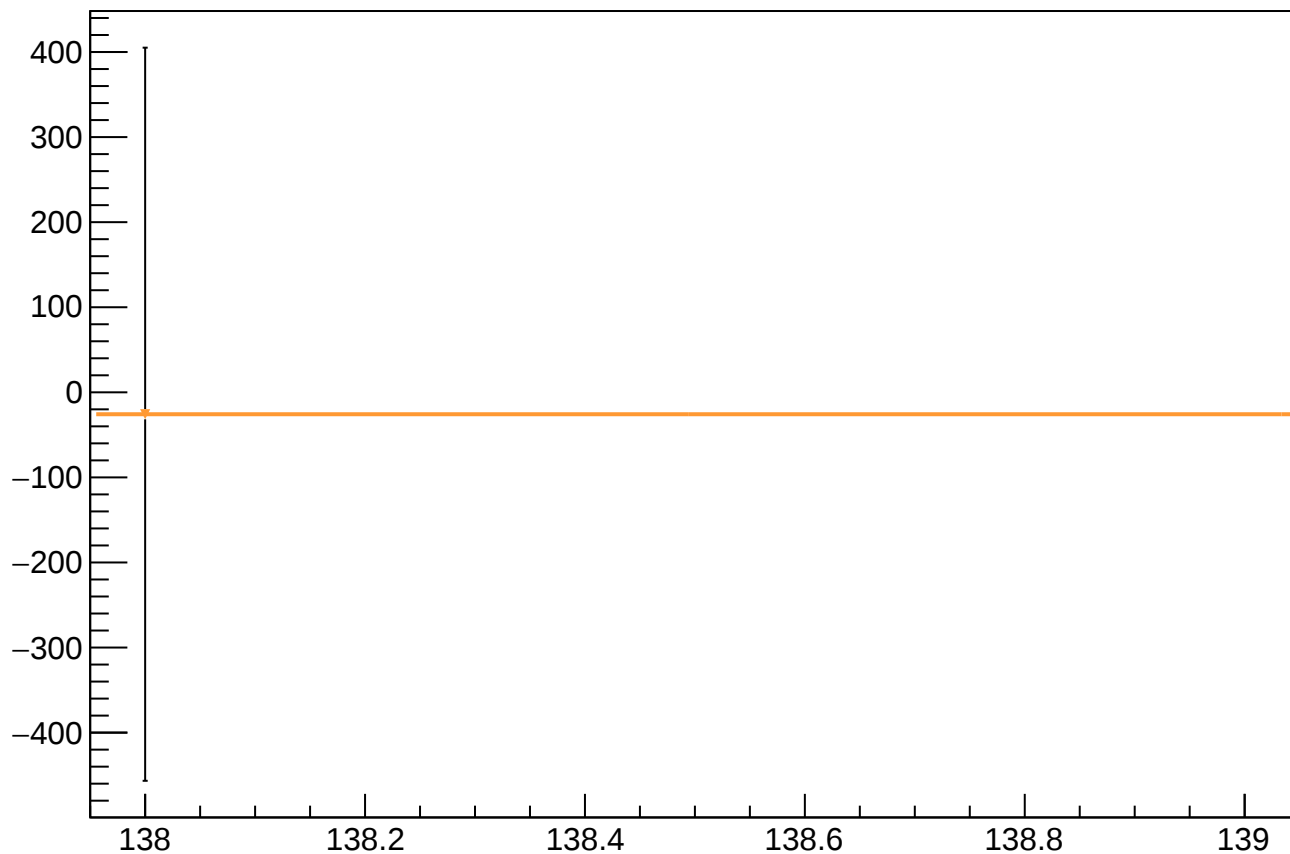
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

59.767 $\pm$ 0.050 χ^2/NDF : 0.0/0

59.767 $\pm$ 0.050 χ^2/NDF : 0.0/0

0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -25.761+/-430.868 χ^2/NDF : 0.0/0

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

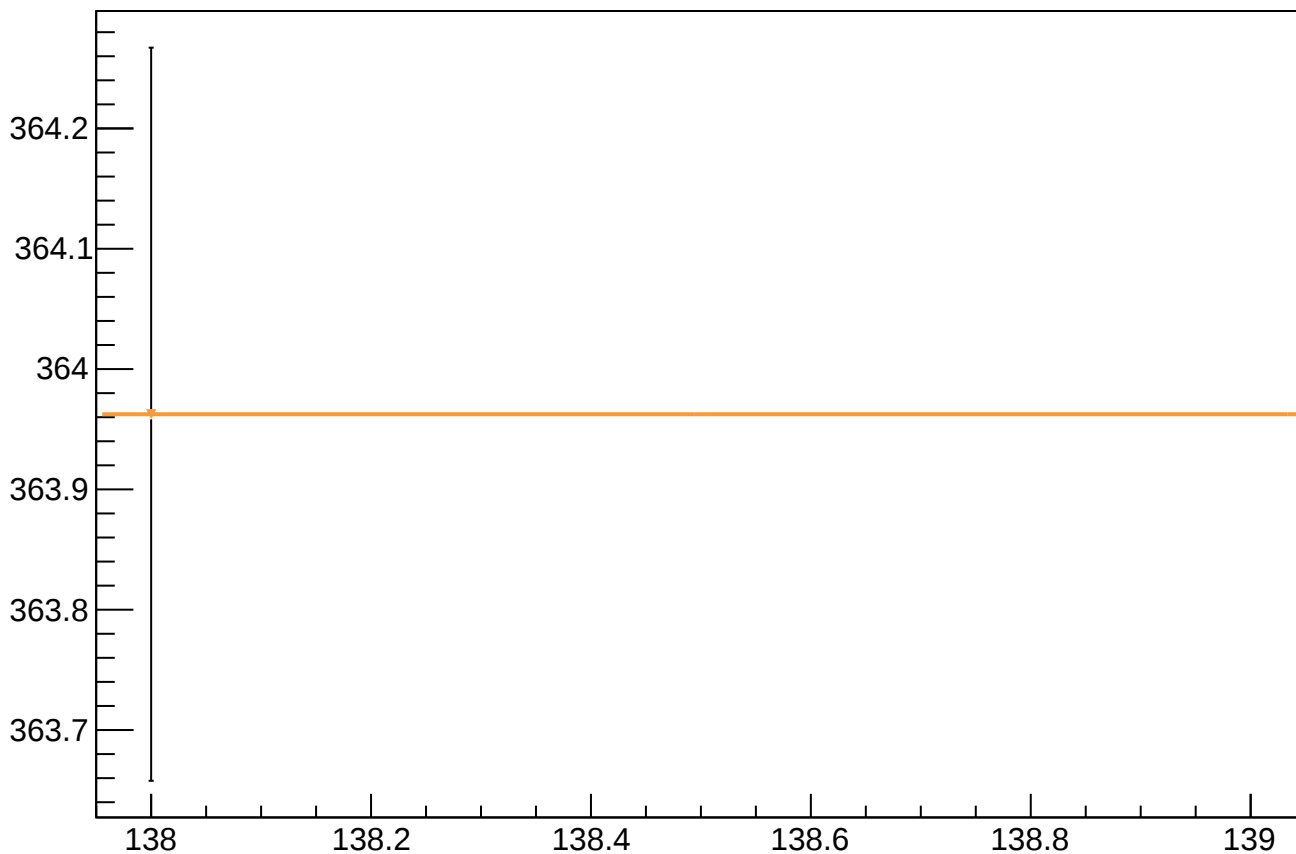
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-25.761+/-430.868 χ^2/NDF : 0.0/0

-25.761+/-430.868 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 363.962 $\pm$ 0.305 χ^2 /NDF: 0.0/0

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

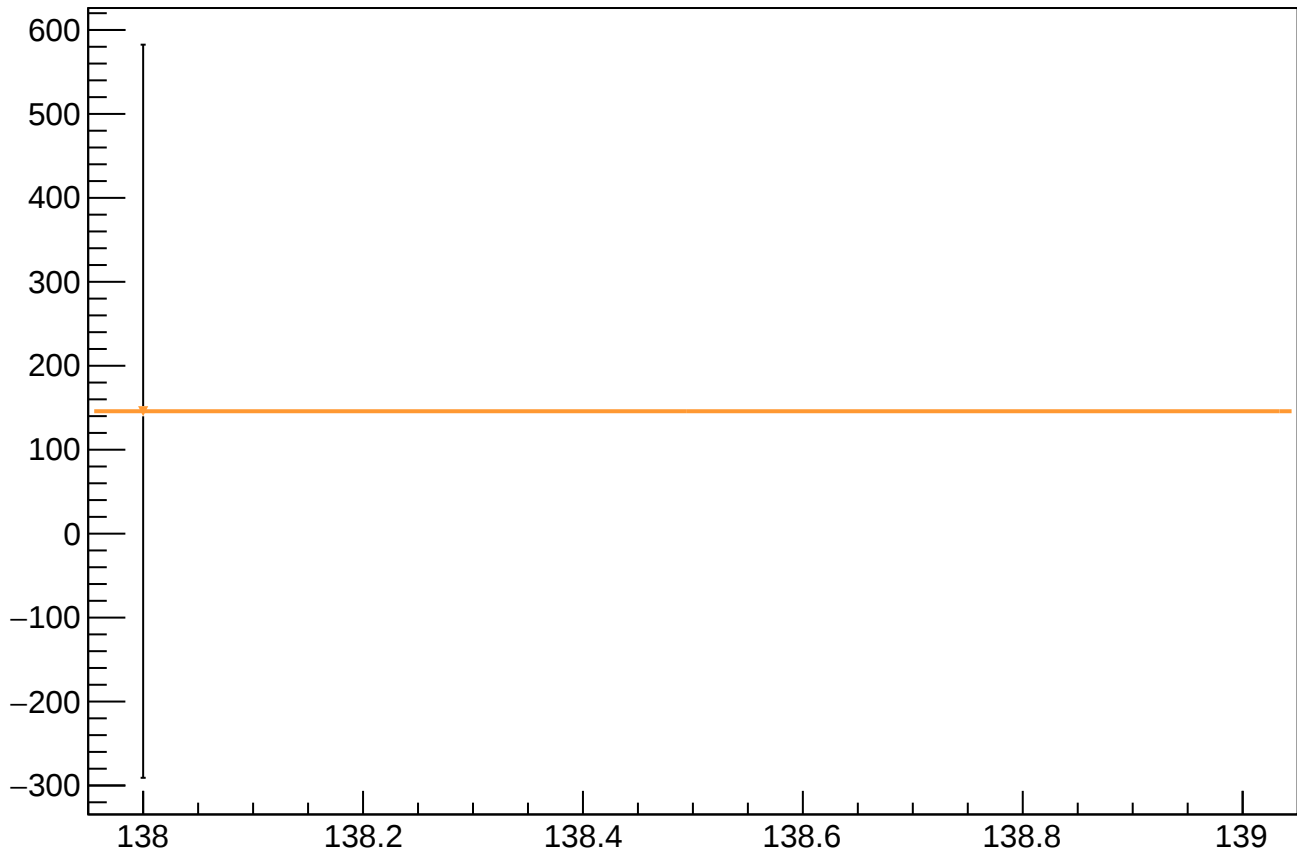
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

363.962 $\pm$ 0.305 χ^2 /NDF: 0.0/0

363.962 $\pm$ 0.305 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 145.833+/-436.665 χ^2/NDF : 0.0/0

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

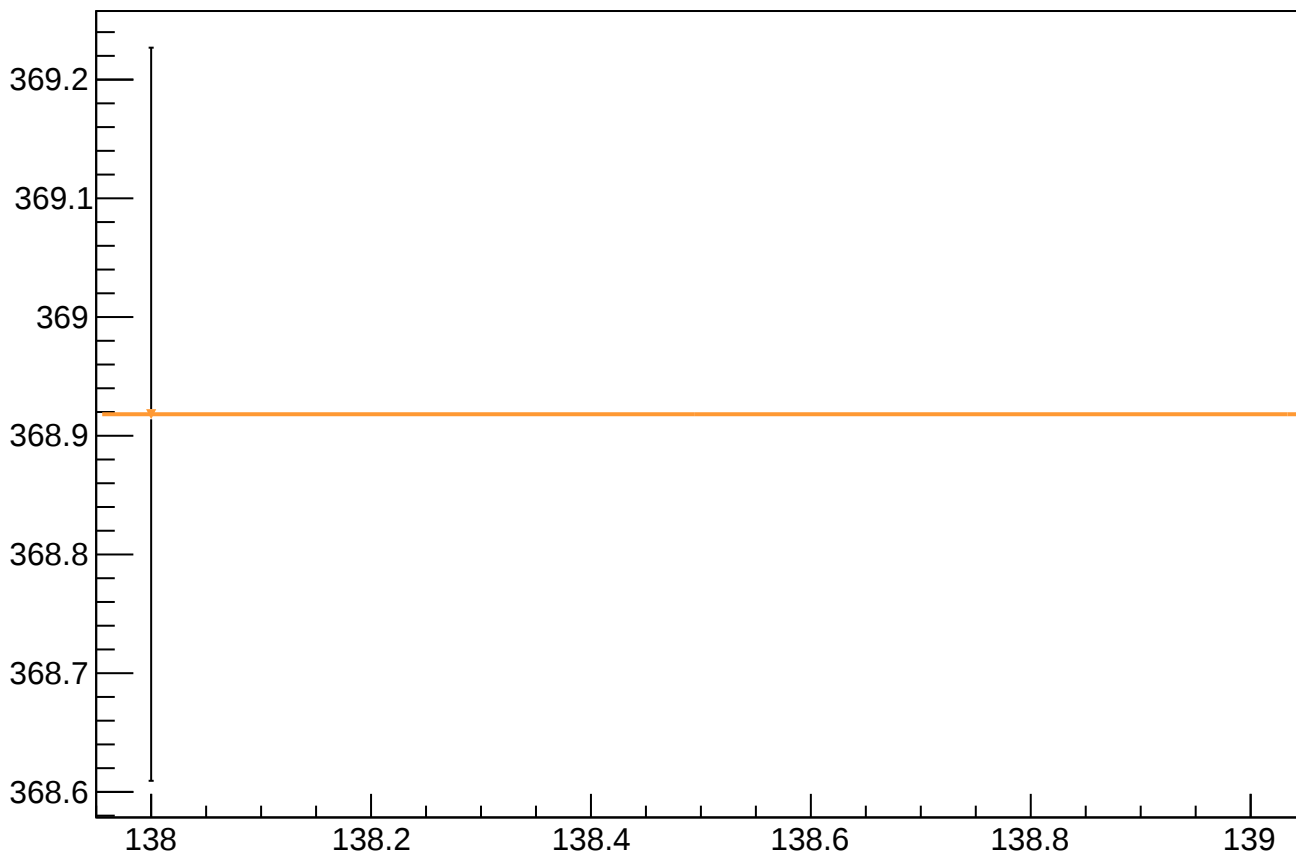
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

145.833+/-436.665 χ^2/NDF : 0.0/0

145.833+/-436.665 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 368.918+/-0.309 χ^2/NDF : 0.0/0

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

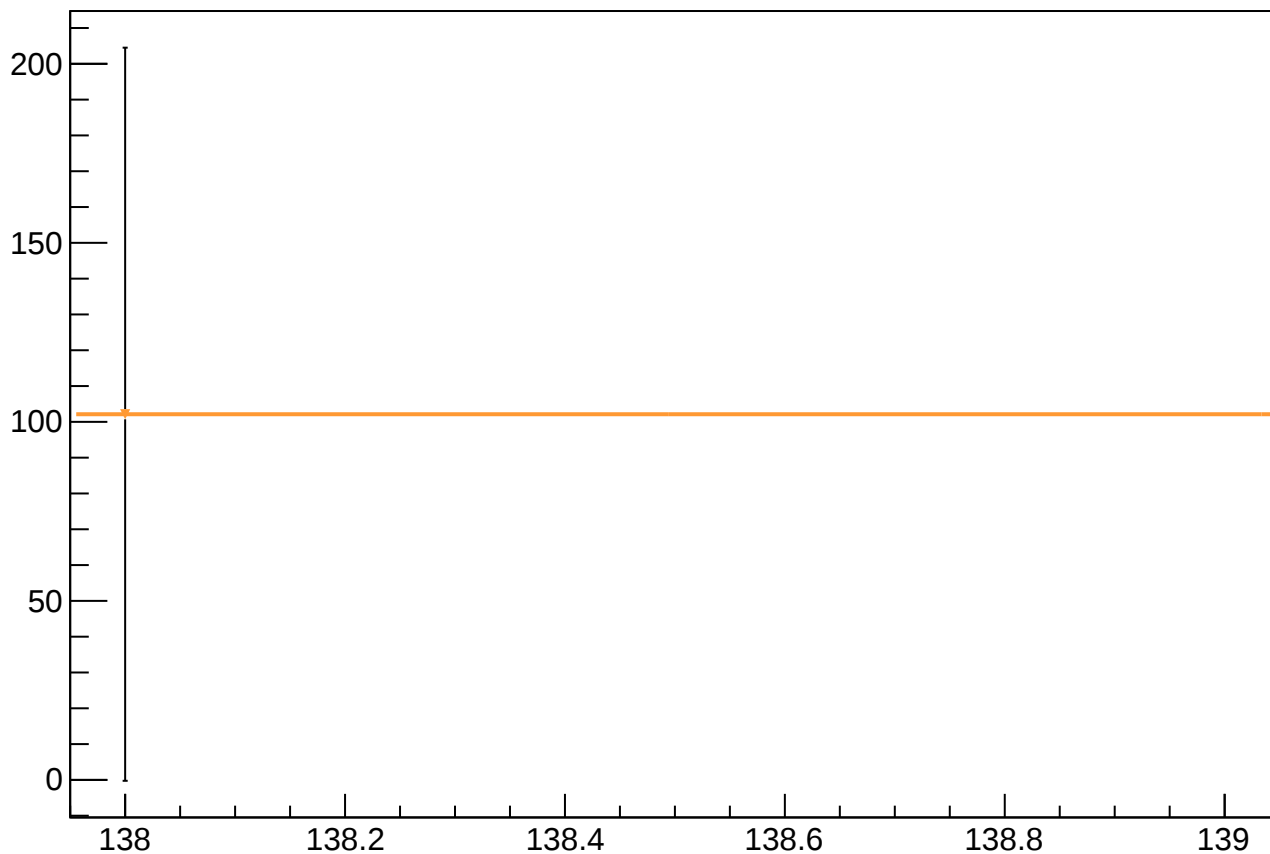
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

368.918+/-0.309 χ^2/NDF : 0.0/0

368.918+/-0.309 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 102.129+/-102.379 χ^2/NDF : 0.0/0

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

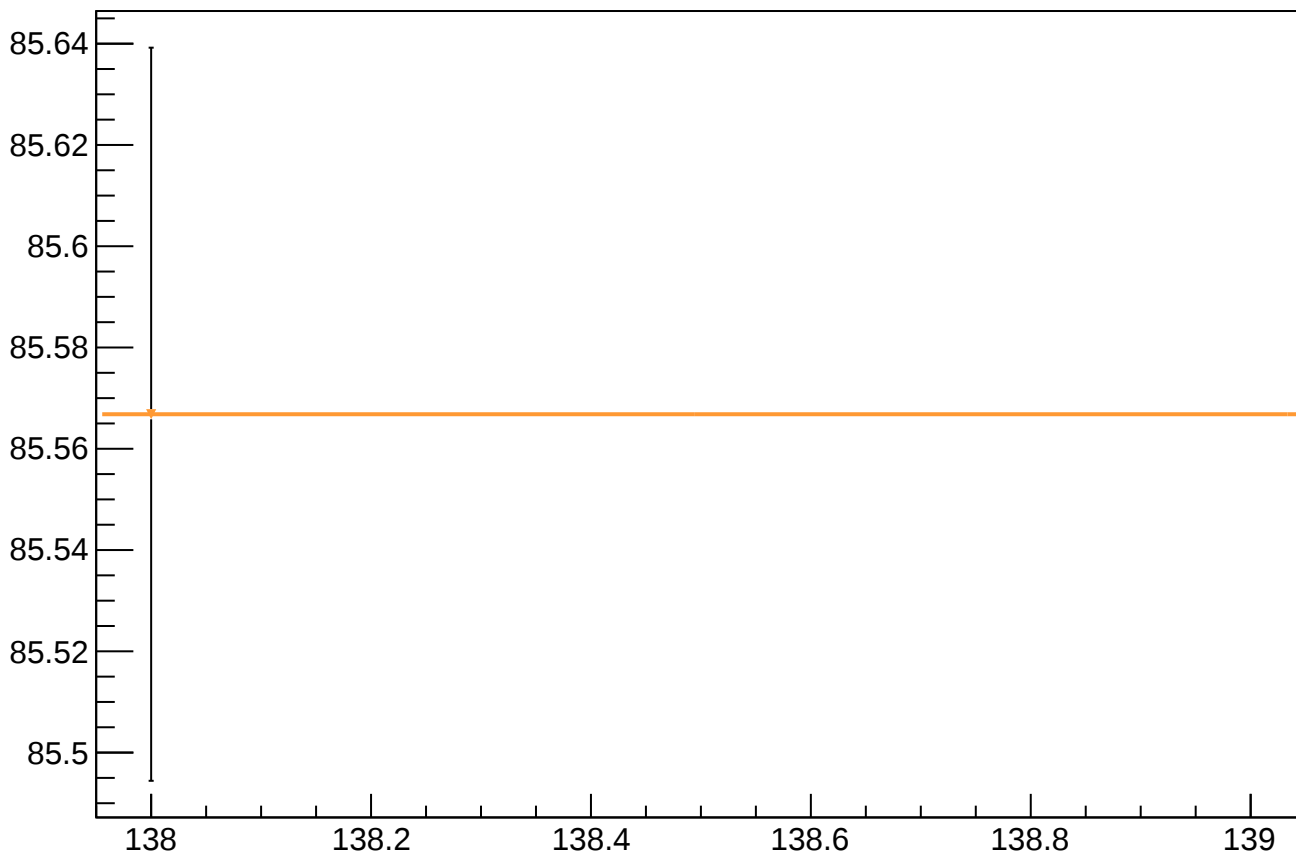
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

102.129+/-102.379 χ^2/NDF : 0.0/0

102.129+/-102.379 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 85.567+/-0.072 χ^2/NDF : 0.0/0

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

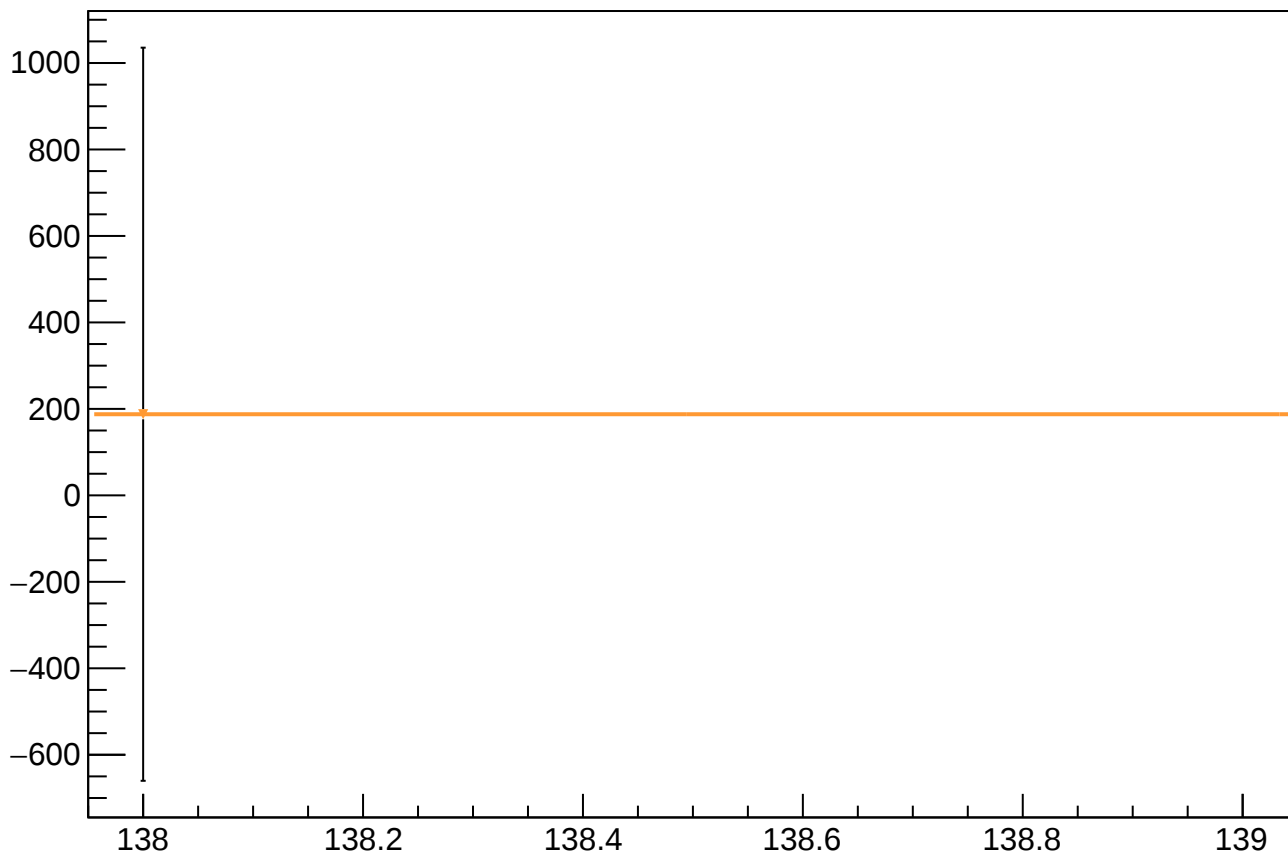
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

85.567+/-0.072 χ^2/NDF : 0.0/0

85.567+/-0.072 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 187.636+/-847.838 χ^2/NDF : 0.0/0

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

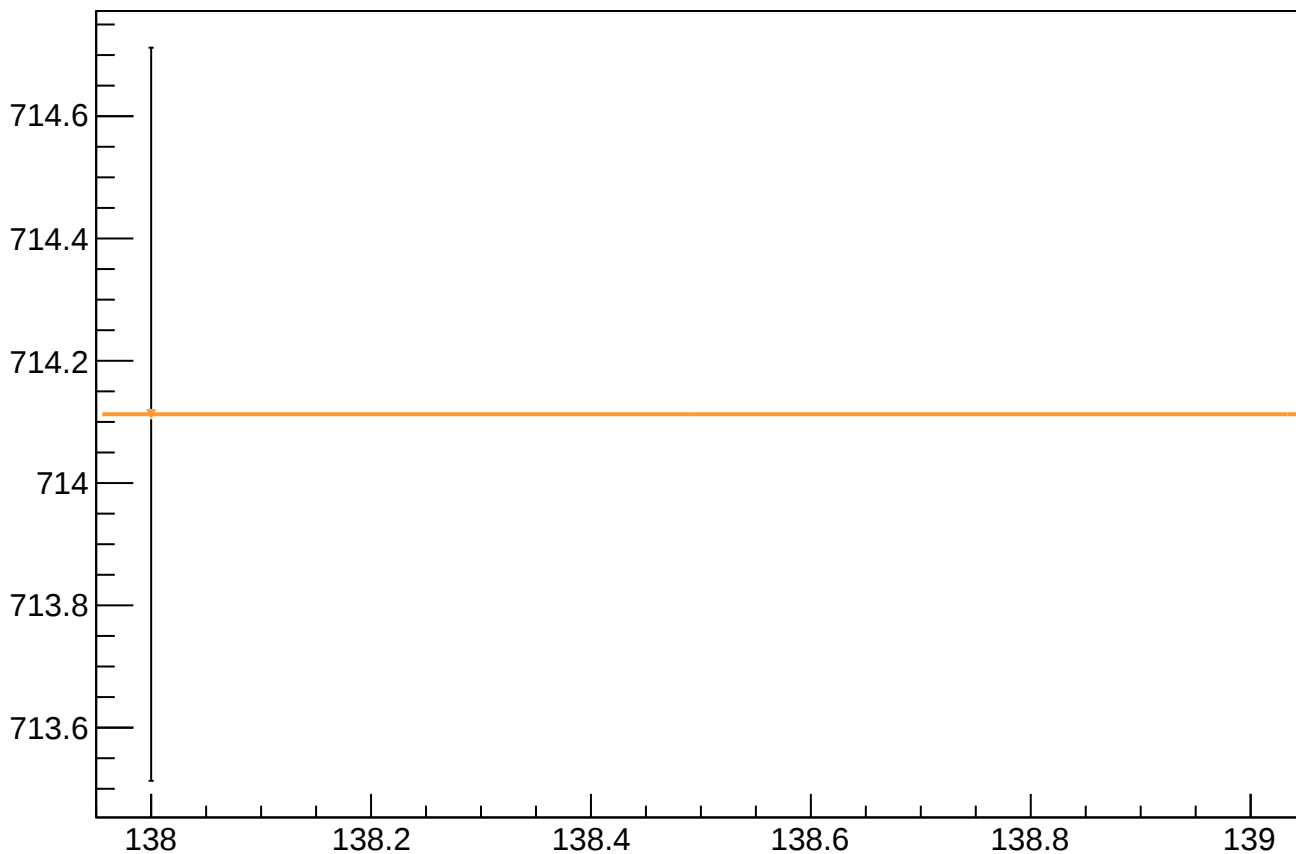
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

187.636+/-847.838 χ^2/NDF : 0.0/0

187.636+/-847.838 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 714.113 $\pm$ 0.600 χ^2 /NDF: 0.0/0

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

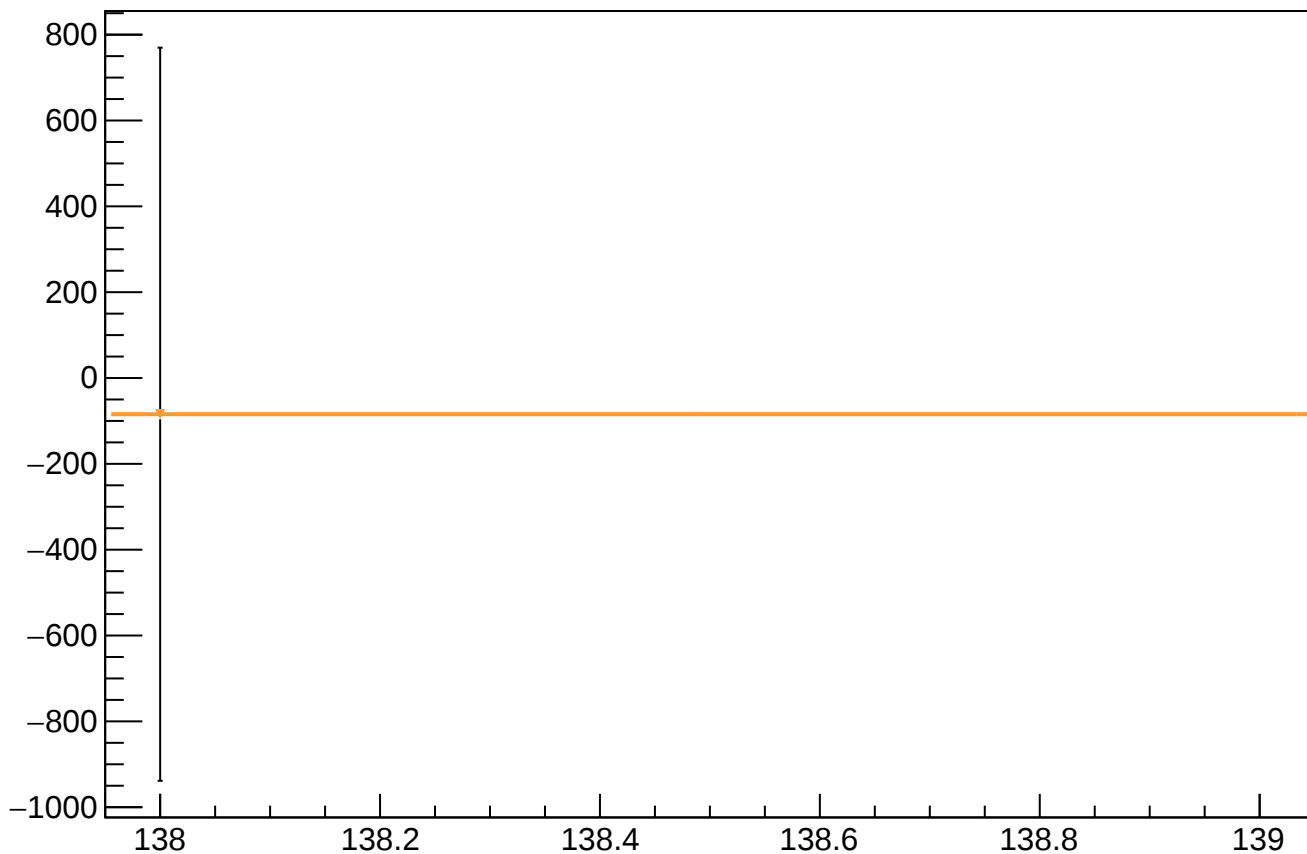
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

714.113 $\pm$ 0.600 χ^2 /NDF: 0.0/0

714.113 $\pm$ 0.600 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: -84.386+/-854.095 χ^2/NDF : 0.0/0

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

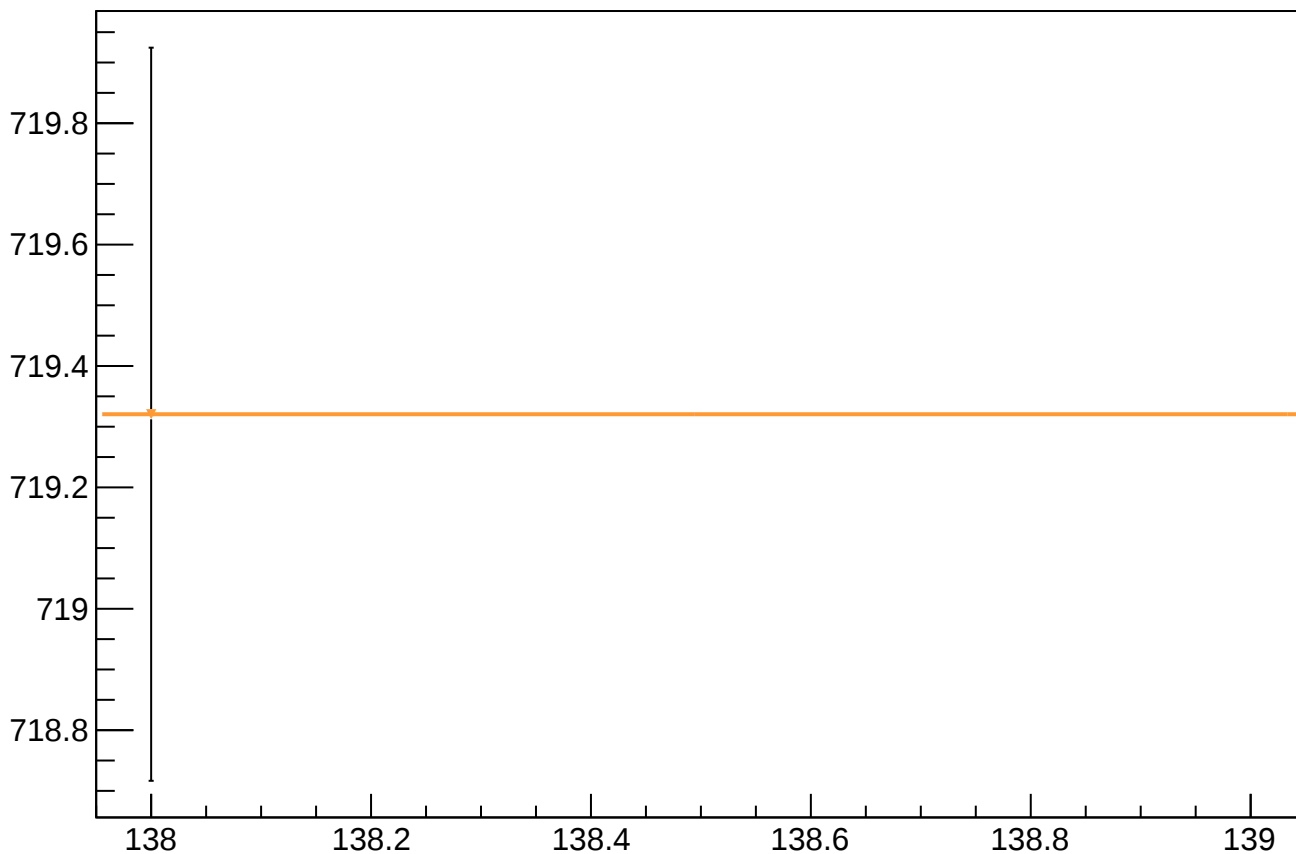
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-84.386+/-854.095 χ^2/NDF : 0.0/0

-84.386+/-854.095 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 719.321+/-0.604 χ^2/NDF : 0.0/0

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

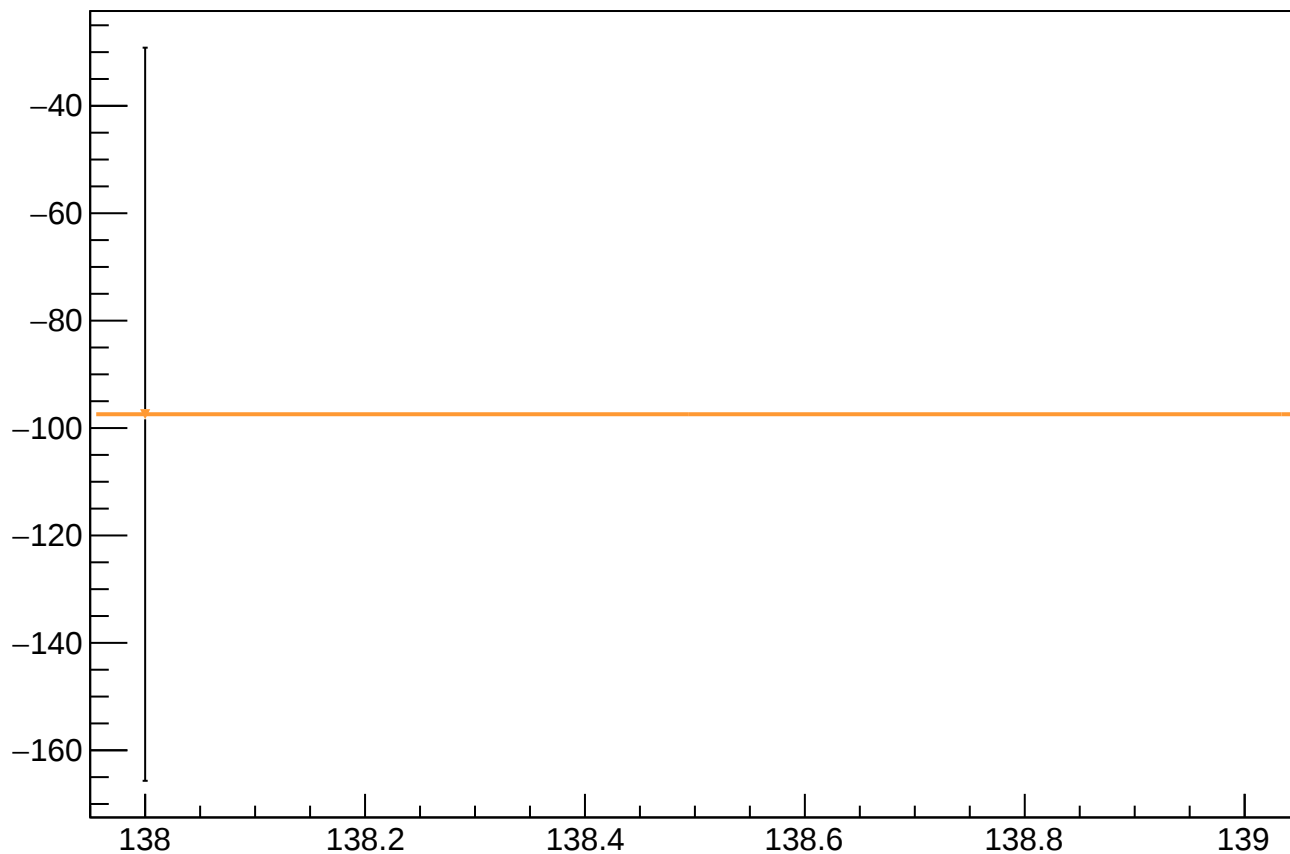
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

719.321+/-0.604 χ^2/NDF : 0.0/0

719.321+/-0.604 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -97.426+/-68.257 χ^2/NDF : 0.0/0

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

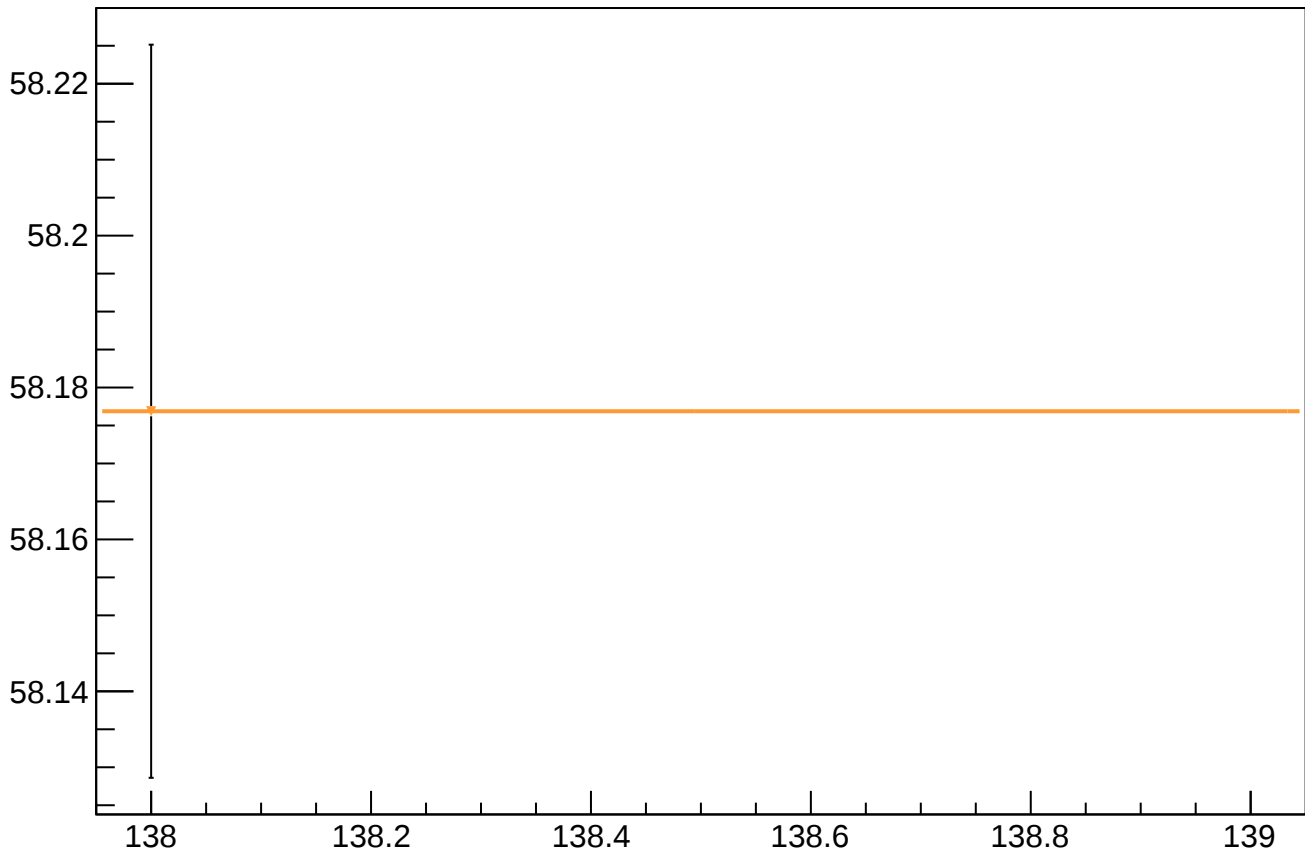
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-97.426+/-68.257 χ^2/NDF : 0.0/0

-97.426+/-68.257 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 58.177+/-0.048 χ^2/NDF : 0.0/0

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

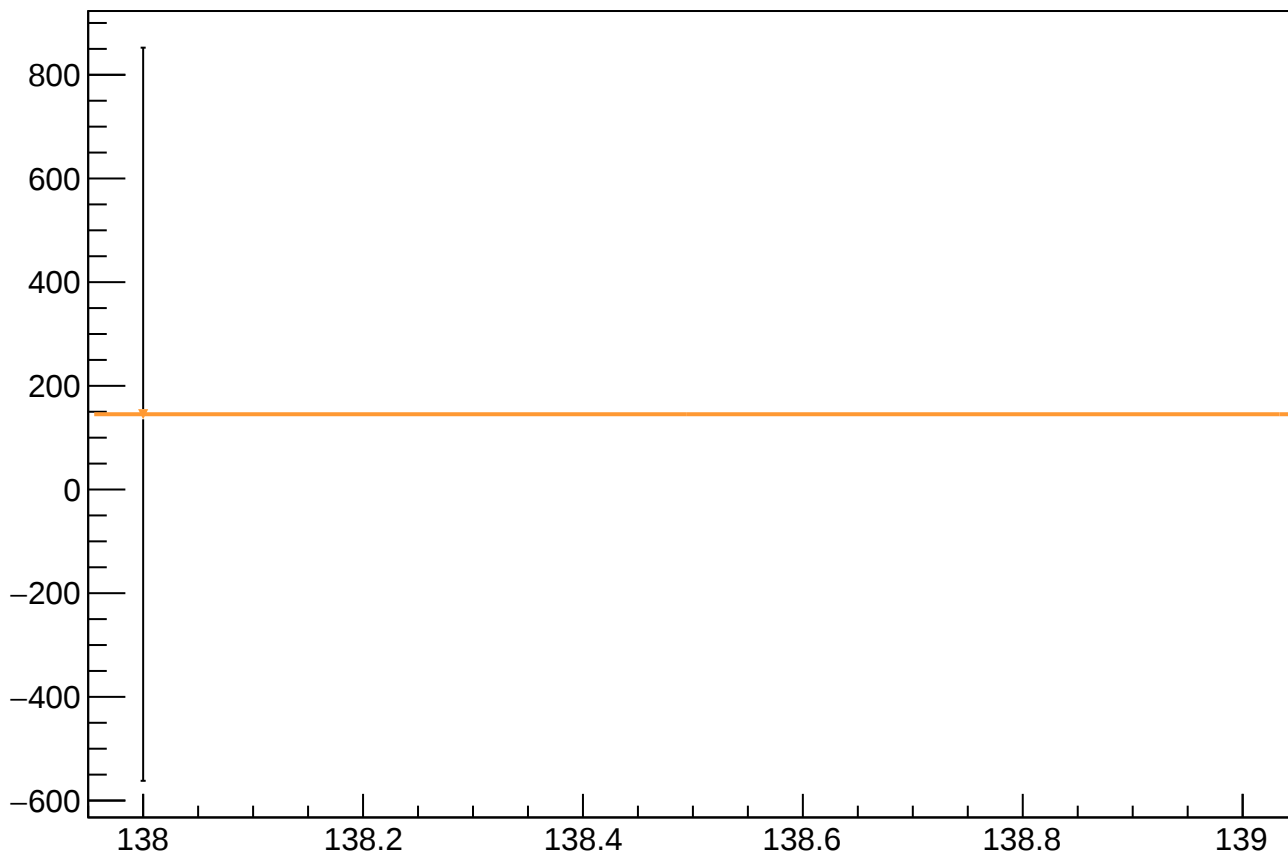
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

58.177+/-0.048 χ^2/NDF : 0.0/0

58.177+/-0.048 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 145.219+/-707.127 χ^2/NDF : 0.0/0

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

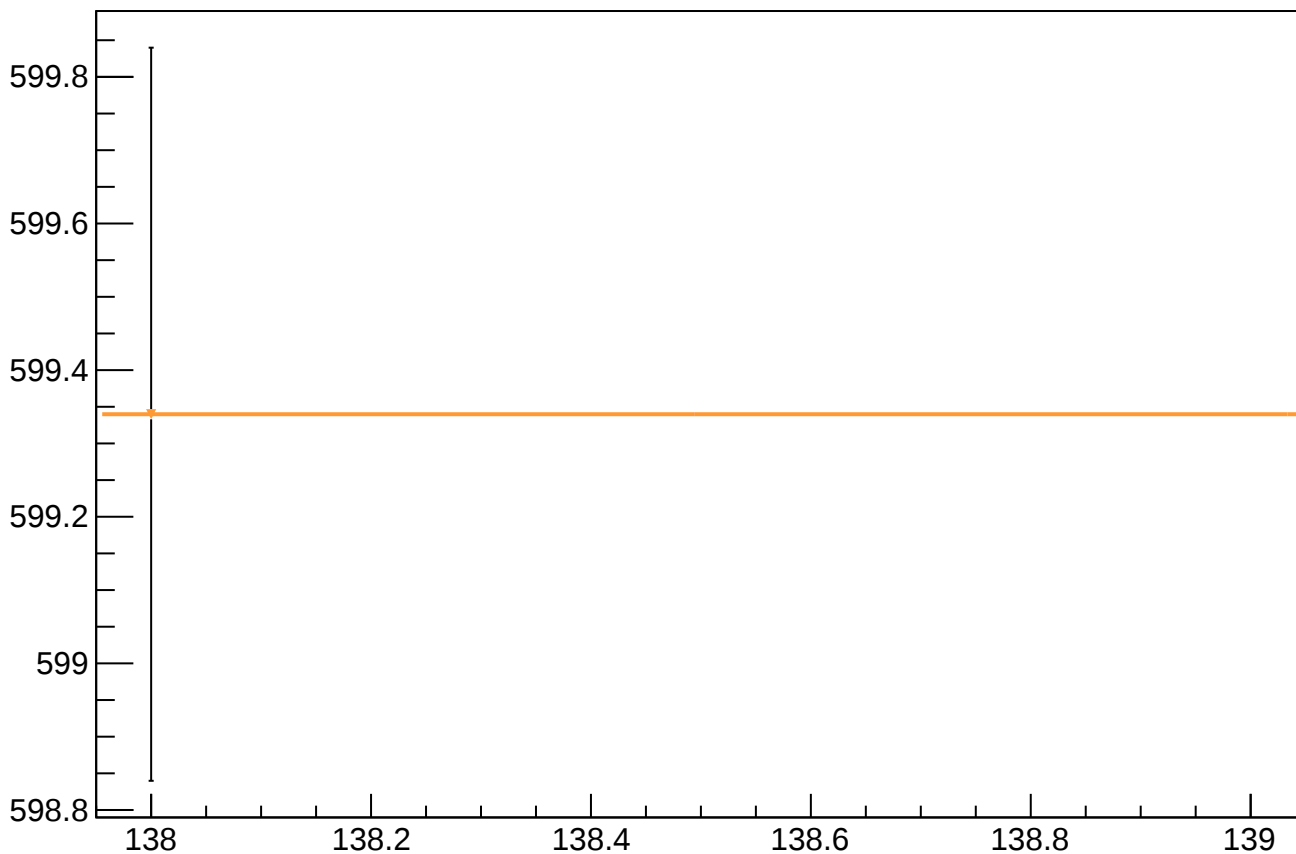
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

145.219+/-707.127 χ^2/NDF : 0.0/0

145.219+/-707.127 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 599.340+/-0.500 χ^2/NDF : 0.0/0

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

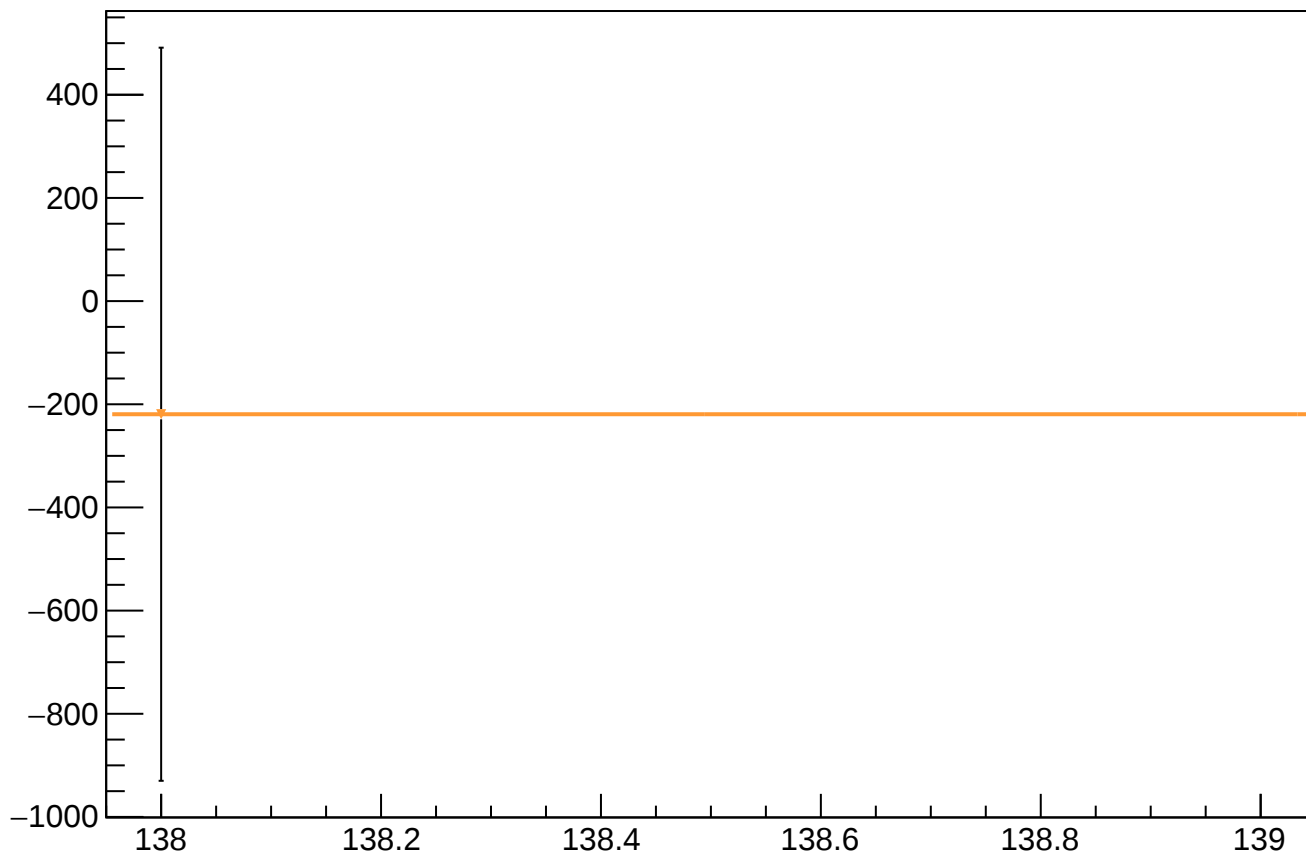
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

599.340+/-0.500 χ^2/NDF : 0.0/0

599.340+/-0.500 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -219.315+/-710.592 χ^2/NDF : 0.0/0

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

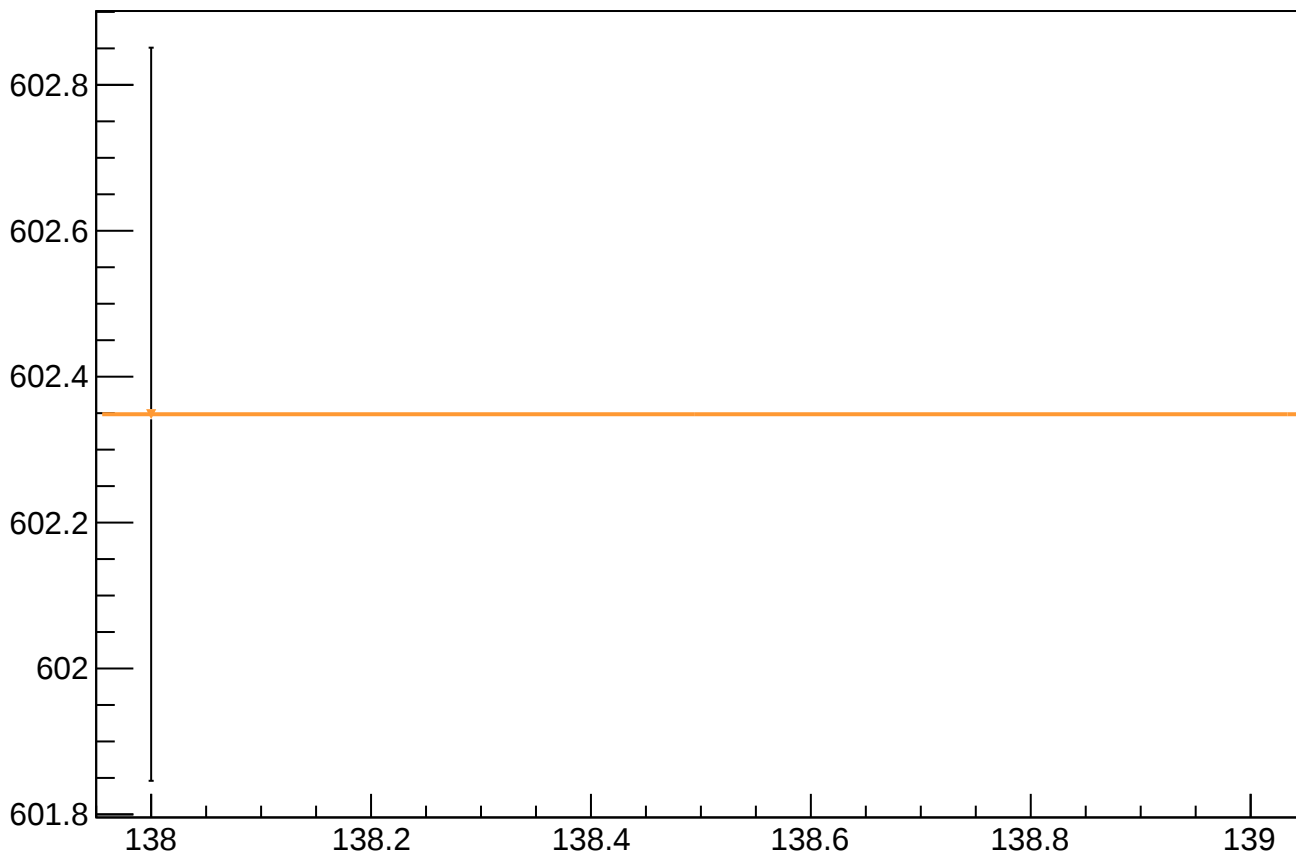
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-219.315+/-710.592 χ^2/NDF : 0.0/0

-219.315+/-710.592 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 602.349+/-0.502 χ^2/NDF : 0.0/0

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

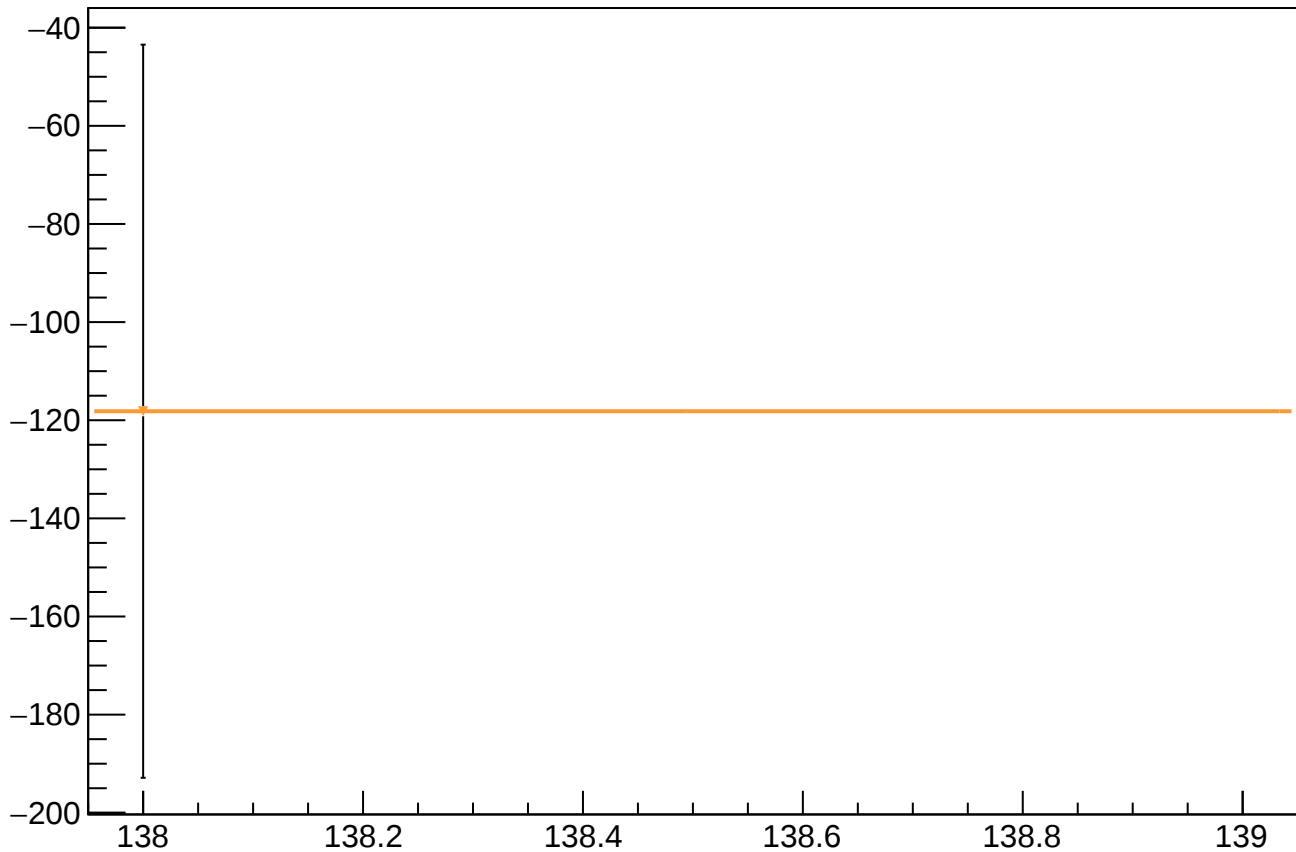
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

602.349+/-0.502 χ^2/NDF : 0.0/0

602.349+/-0.502 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -118.166+/-74.707 χ^2/NDF : 0.0/0

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

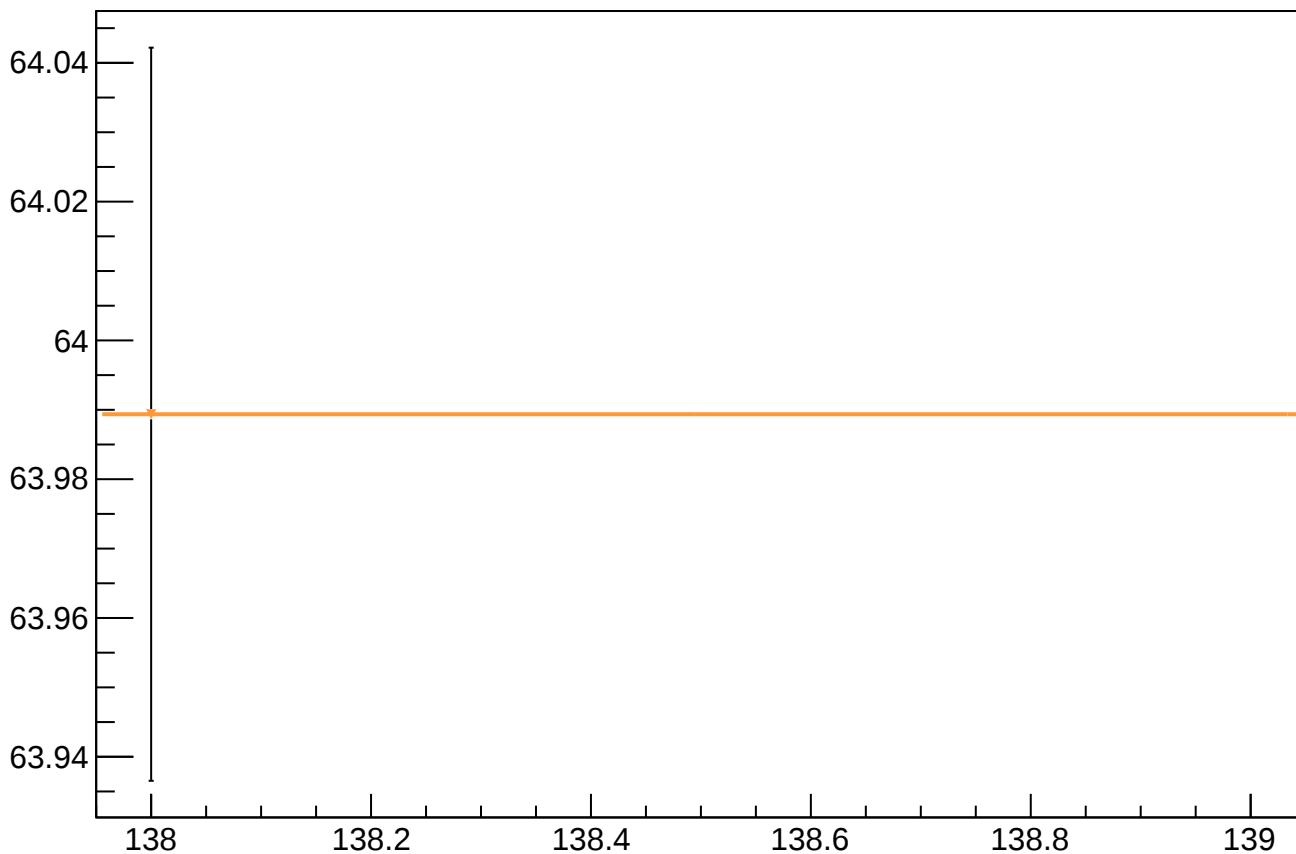
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-118.166+/-74.707 χ^2/NDF : 0.0/0

-118.166+/-74.707 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 63.989 $\pm$ 0.053 χ^2 /NDF: 0.0/0

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

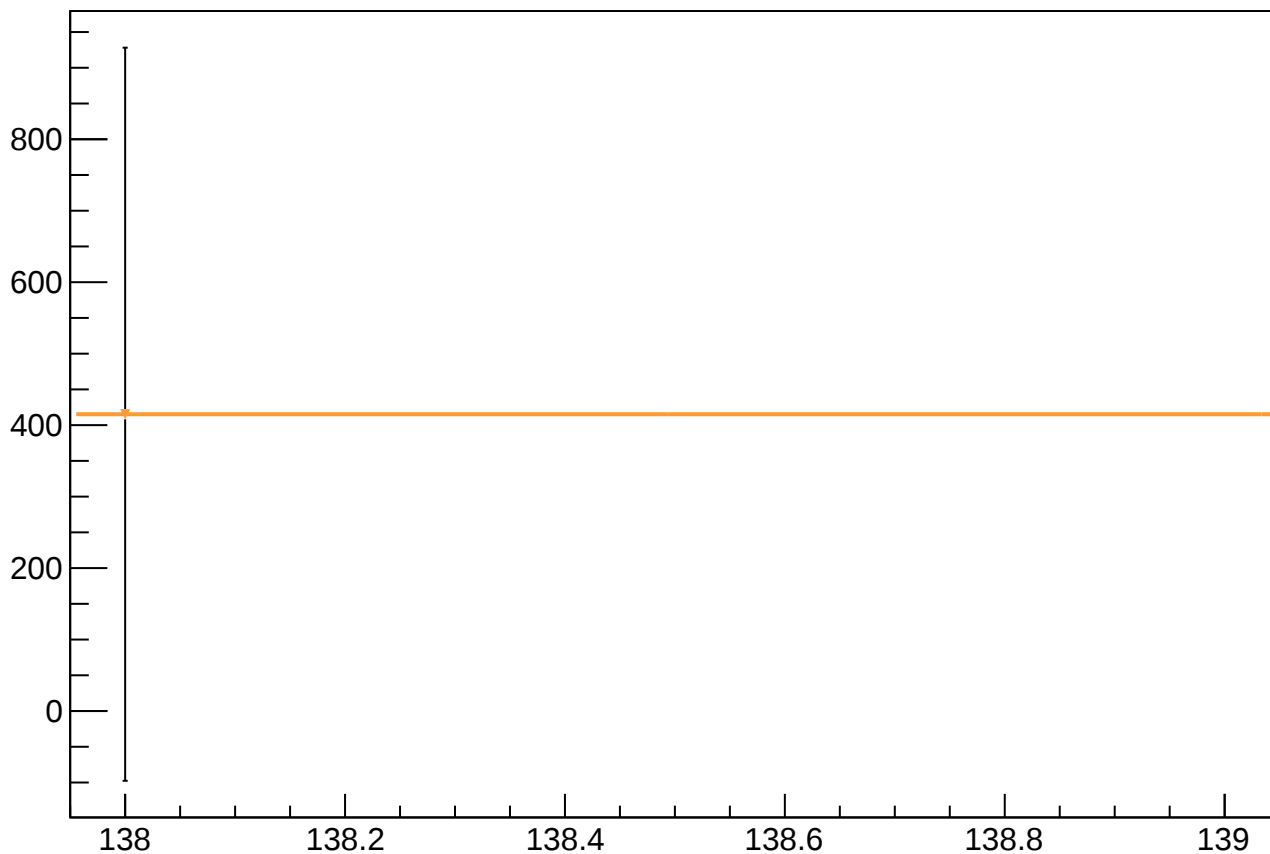
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

63.989 $\pm$ 0.053 χ^2 /NDF: 0.0/0

63.989 $\pm$ 0.053 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 415.260+/-512.870 χ^2/NDF : 0.0/0

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

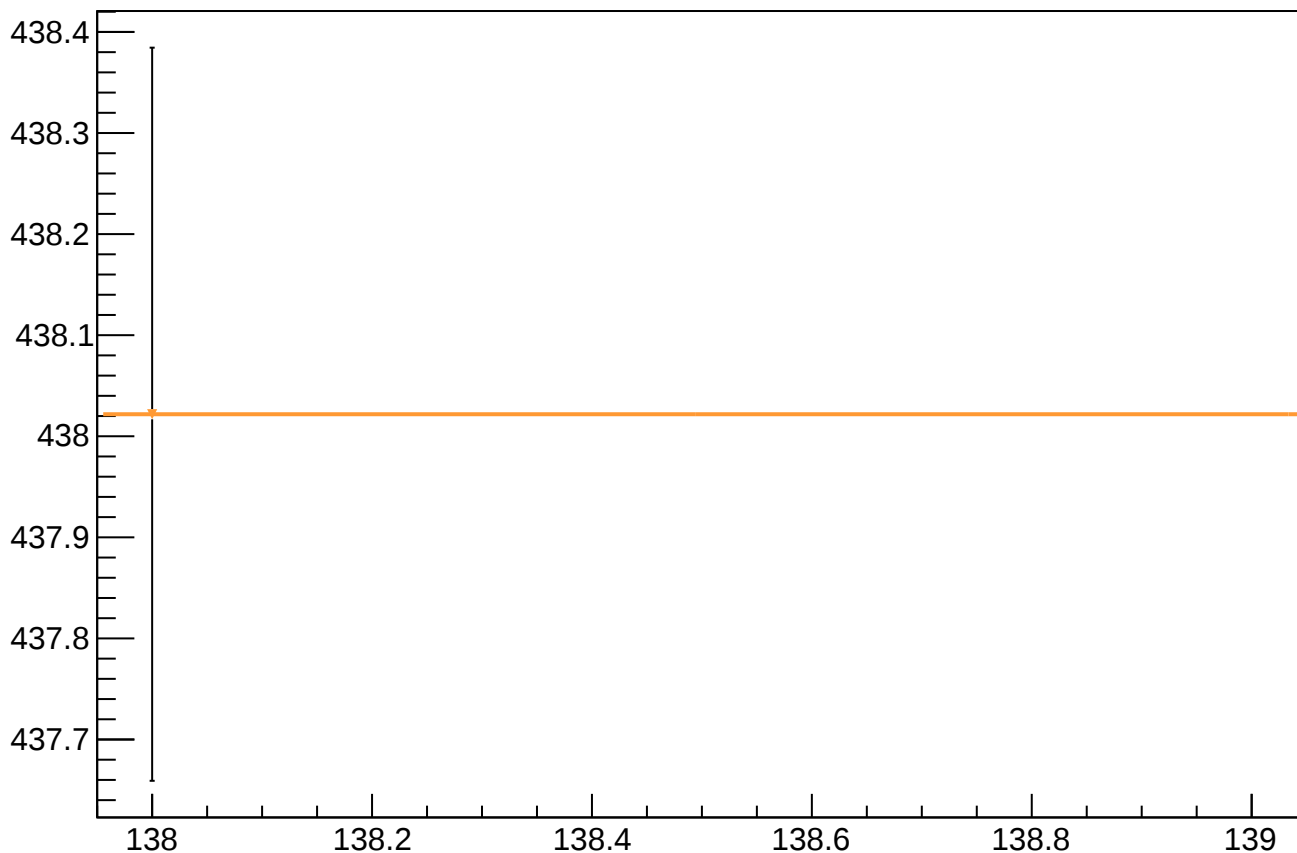
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

415.260+/-512.870 χ^2/NDF : 0.0/0

415.260+/-512.870 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 438.022+/-0.363 χ^2/NDF : 0.0/0

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

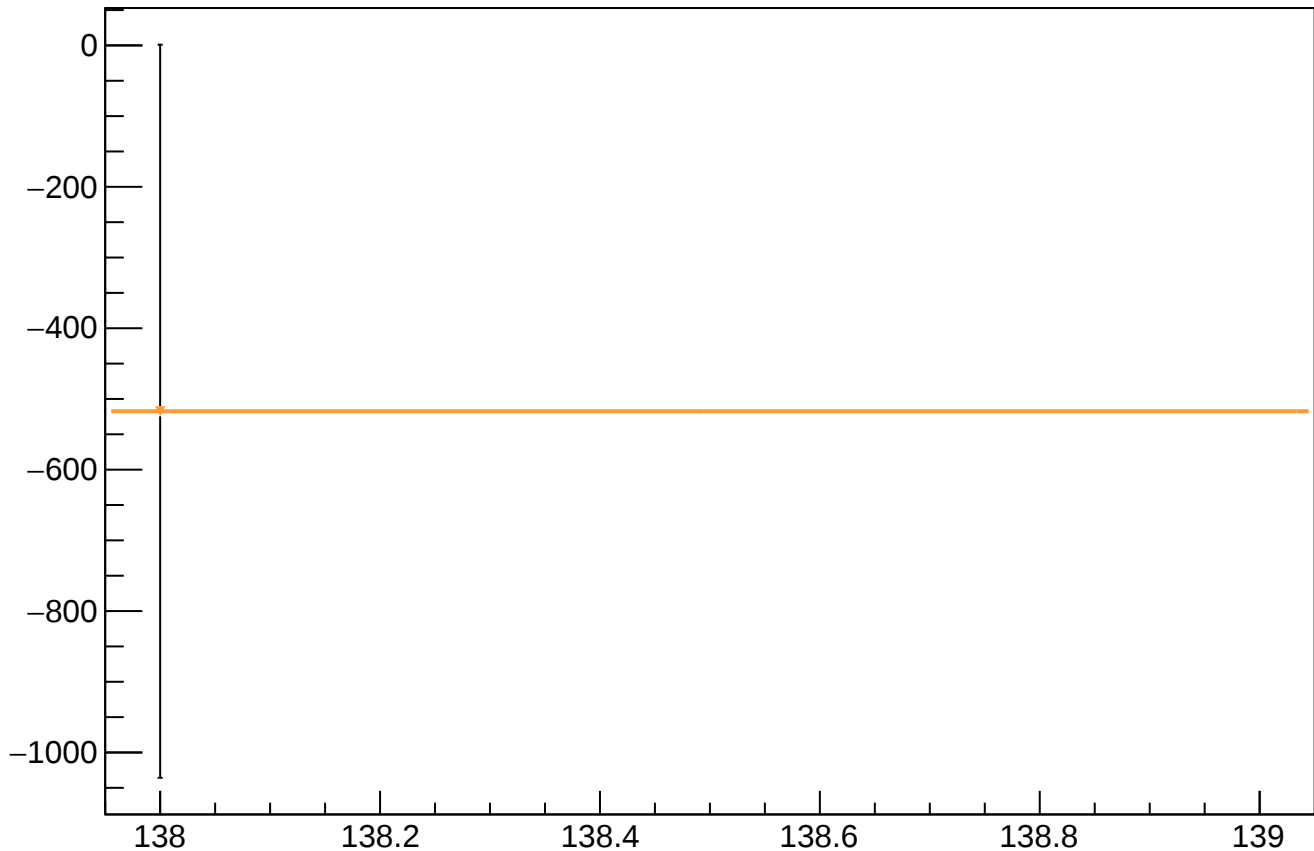
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

438.022+/-0.363 χ^2/NDF : 0.0/0

438.022+/-0.363 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$

Left Out: -517.375+/-518.424 $\chi^2/NDF: 0.0/0$

Right Out: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$

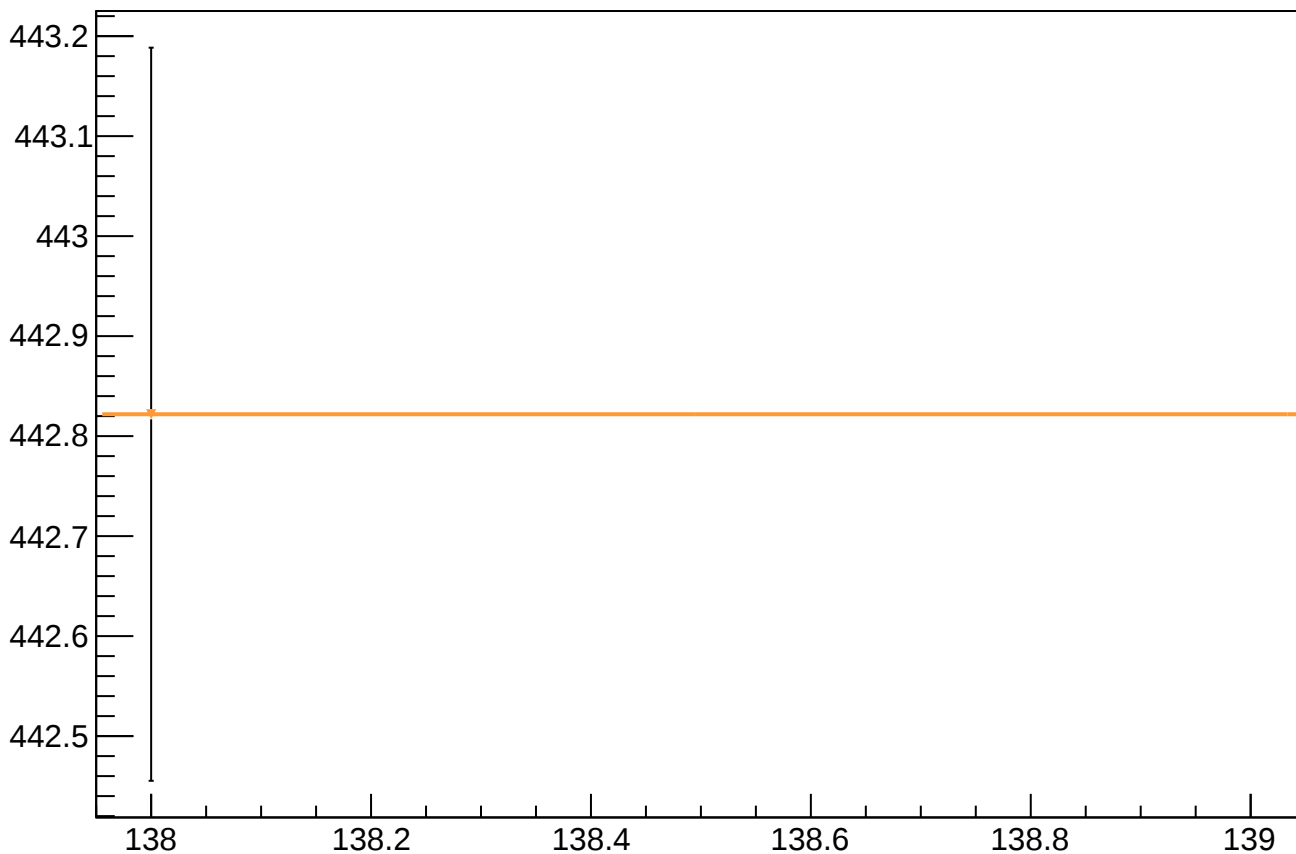
Left In: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$

-517.375+/-518.424 $\chi^2/NDF: 0.0/0$

-517.375+/-518.424 $\chi^2/NDF: 0.0/0$

0.000+/-0.000 $\chi^2/NDF: 0.0/0$

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 442.822+/-0.367 χ^2/NDF : 0.0/0

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

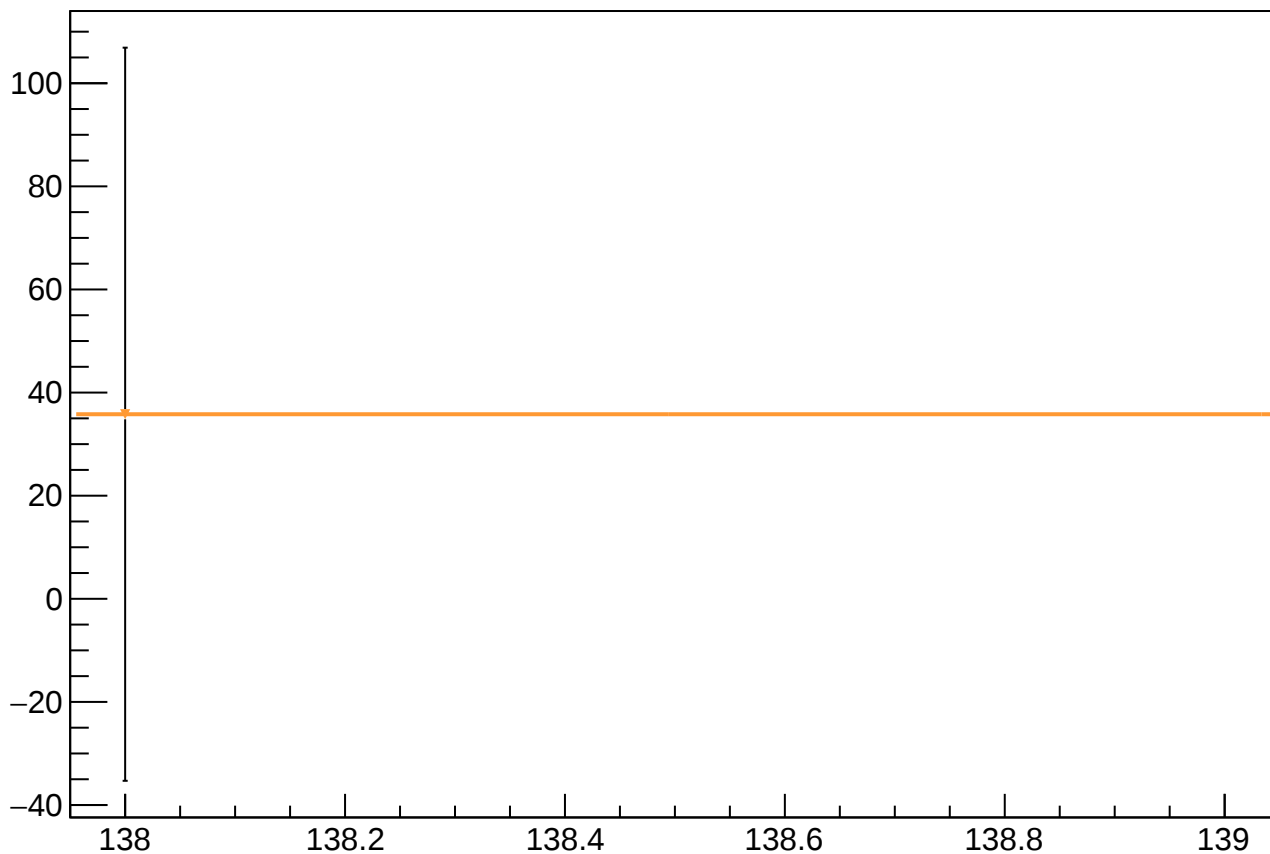
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

442.822+/-0.367 χ^2/NDF : 0.0/0

442.822+/-0.367 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 35.799+/-71.100 χ^2/NDF : 0.0/0

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

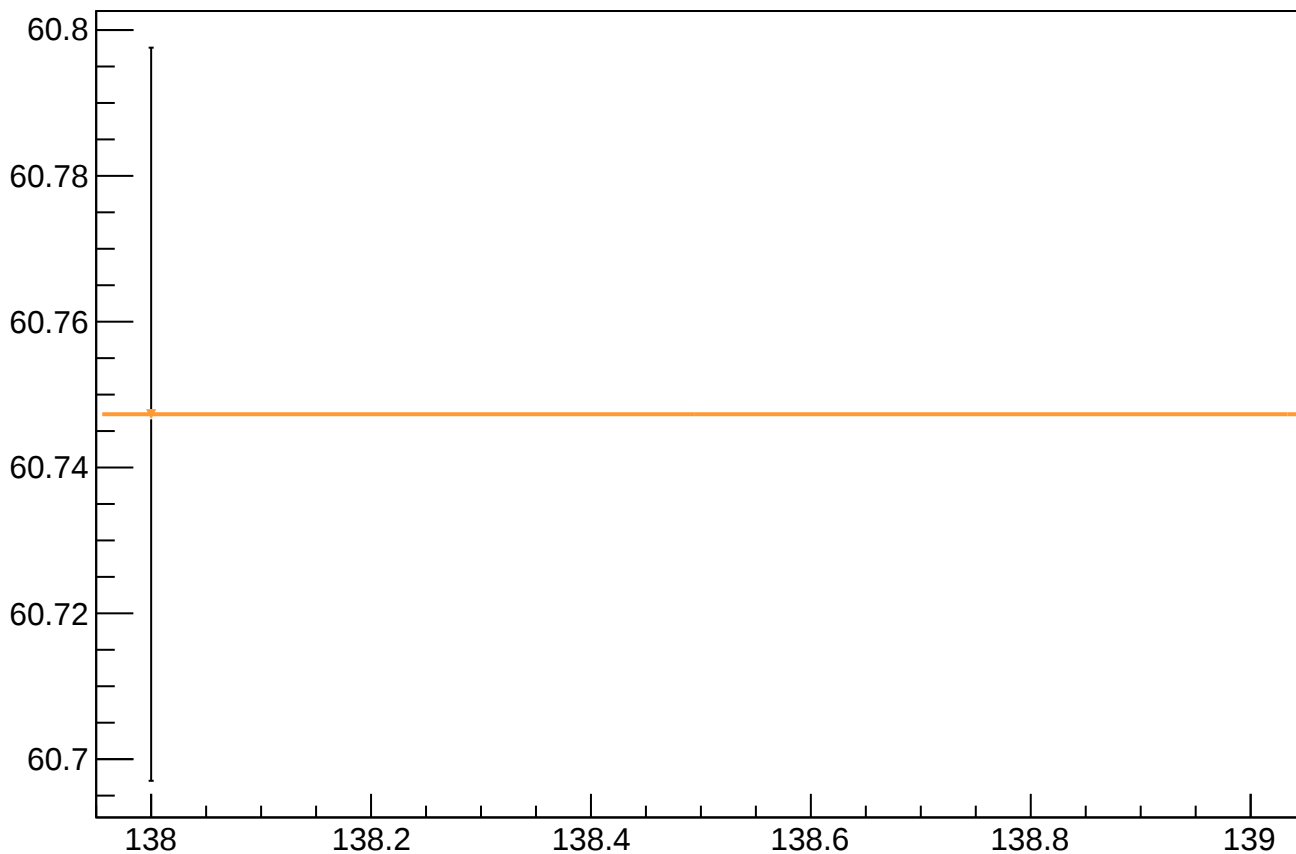
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

35.799+/-71.100 χ^2/NDF : 0.0/0

35.799+/-71.100 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 60.747+/-0.050 χ^2/NDF : 0.0/0

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

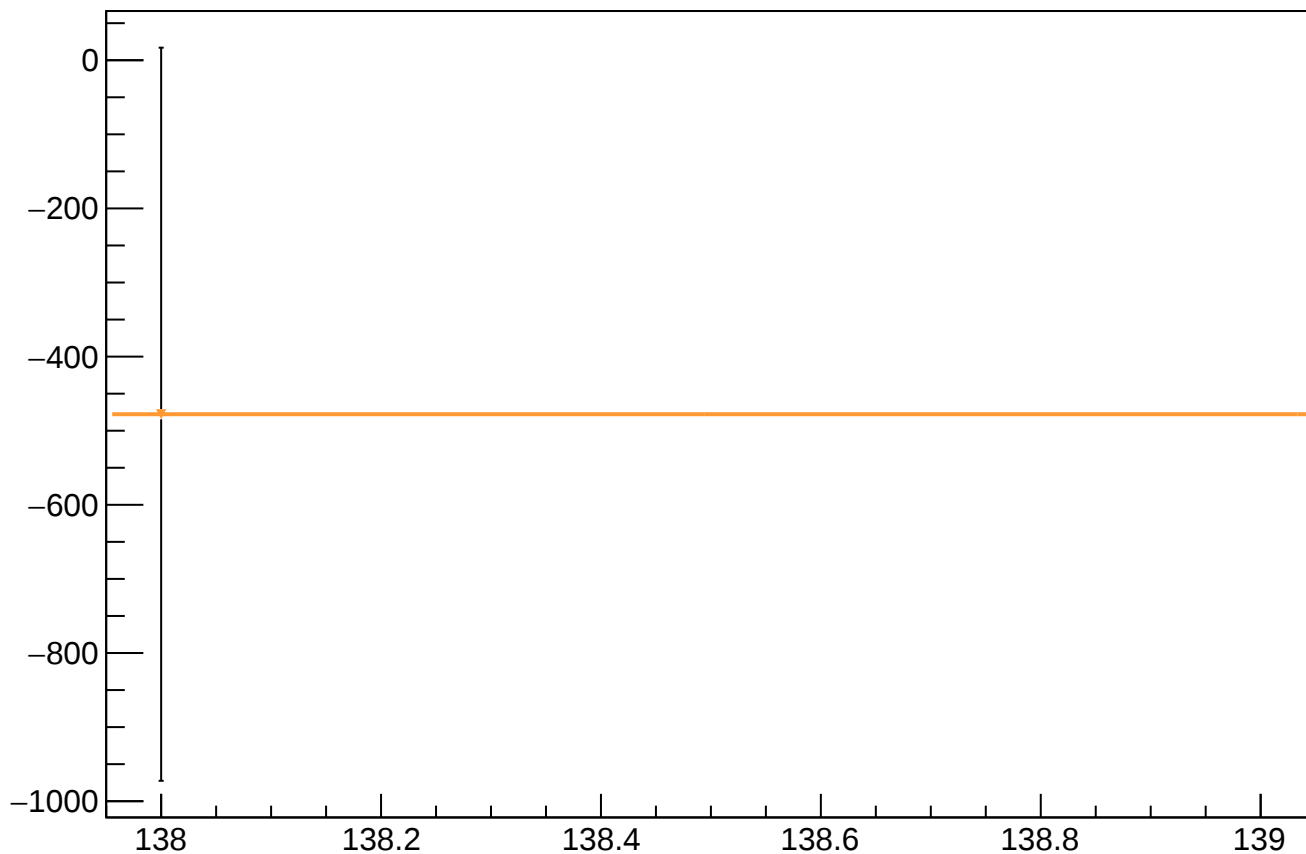
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

60.747+/-0.050 χ^2/NDF : 0.0/0

60.747+/-0.050 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -477.757+/-494.704 χ^2/NDF : 0.0/0

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

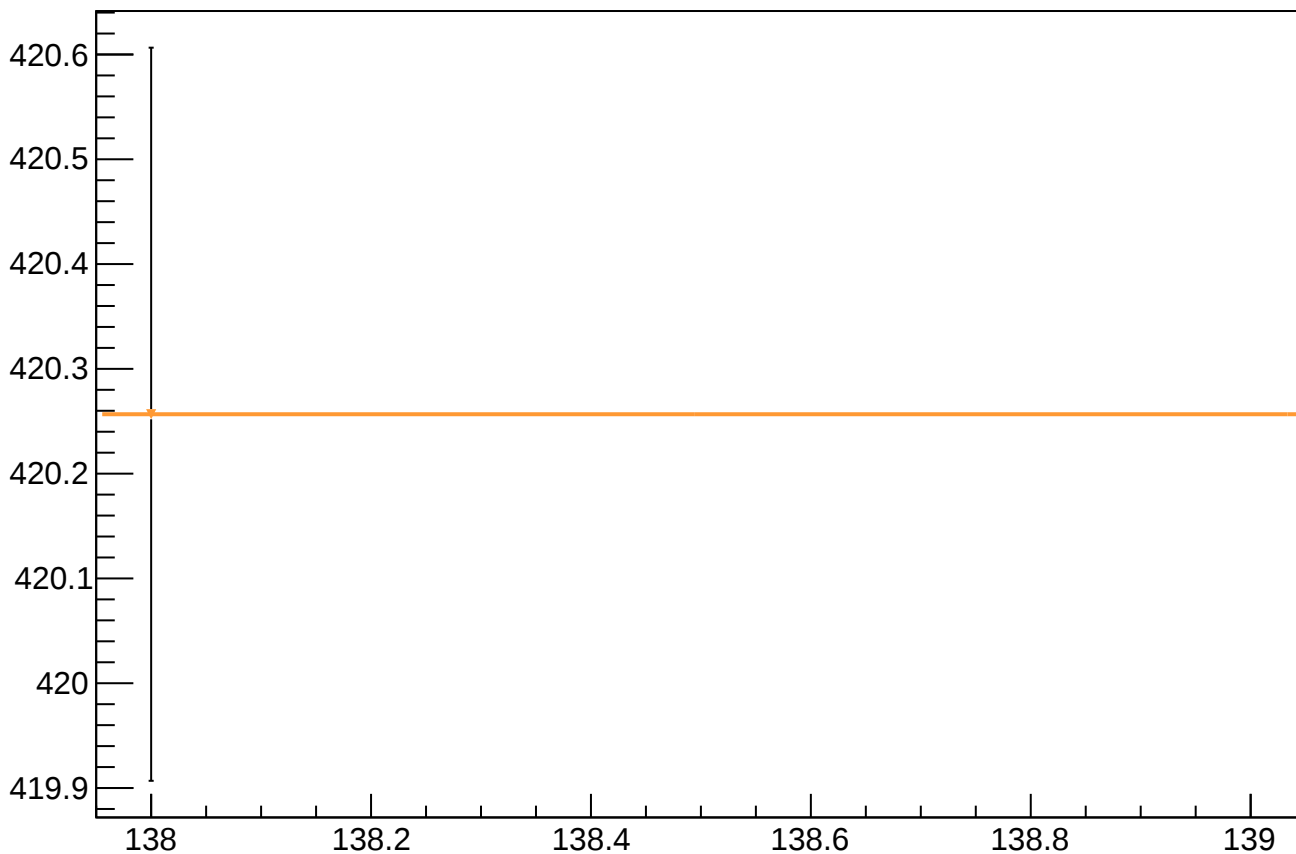
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-477.757+/-494.704 χ^2/NDF : 0.0/0

-477.757+/-494.704 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 420.257+/-0.350 χ^2/NDF : 0.0/0

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

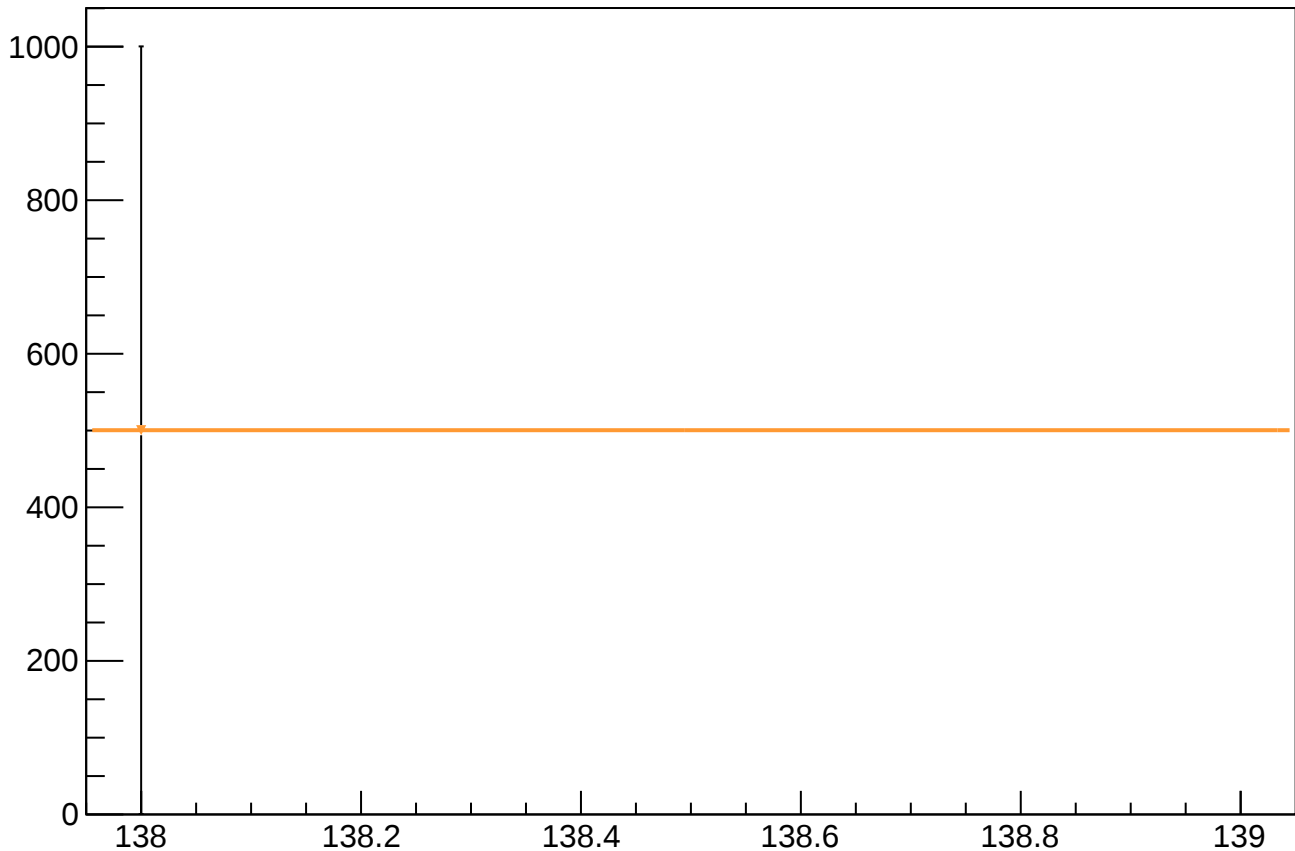
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

420.257+/-0.350 χ^2/NDF : 0.0/0

420.257+/-0.350 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 500.448+/-499.876 χ^2/NDF : 0.0/0

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

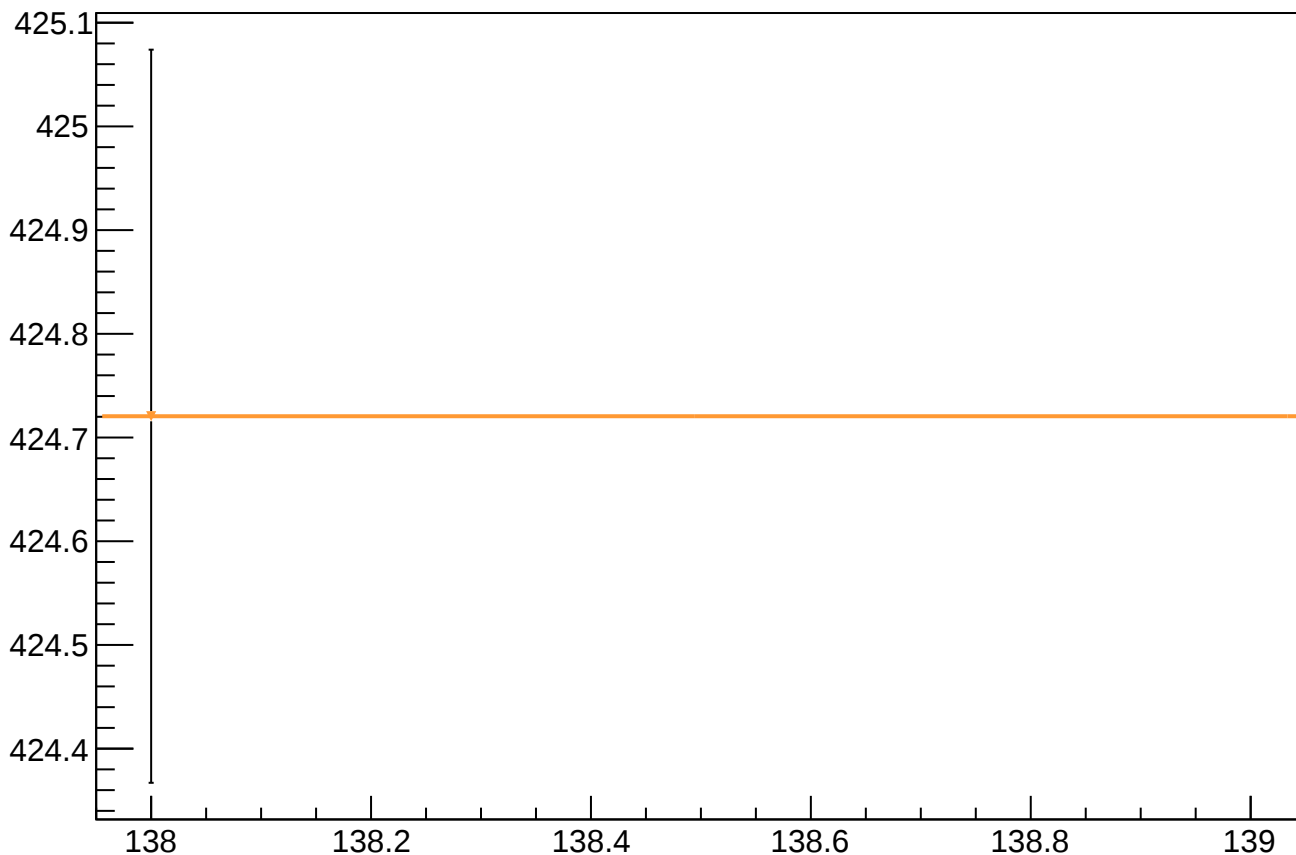
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

500.448+/-499.876 χ^2/NDF : 0.0/0

500.448+/-499.876 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 424.721+/-0.353 χ^2/NDF : 0.0/0

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

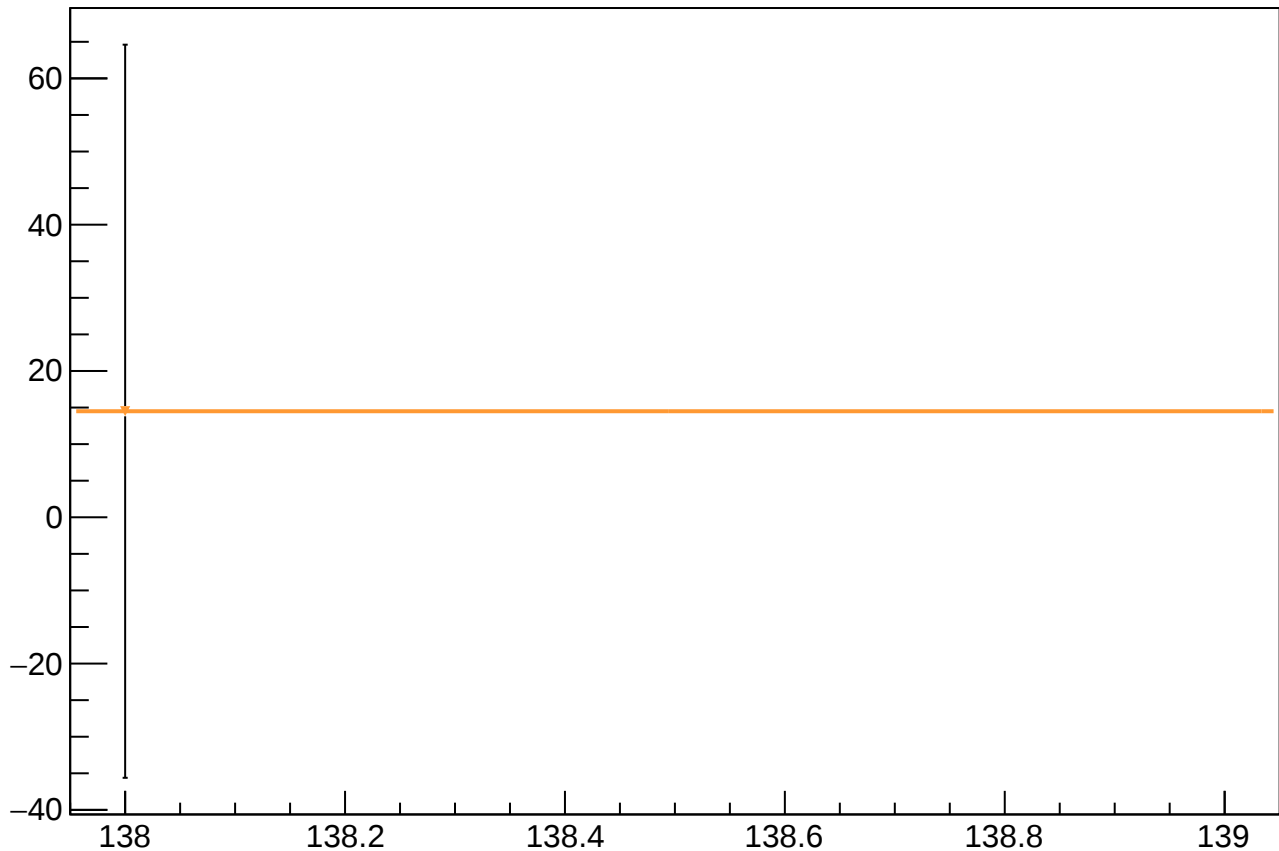
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

424.721+/-0.353 χ^2/NDF : 0.0/0

424.721+/-0.353 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 14.497+/-50.112 χ^2/NDF : 0.0/0

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

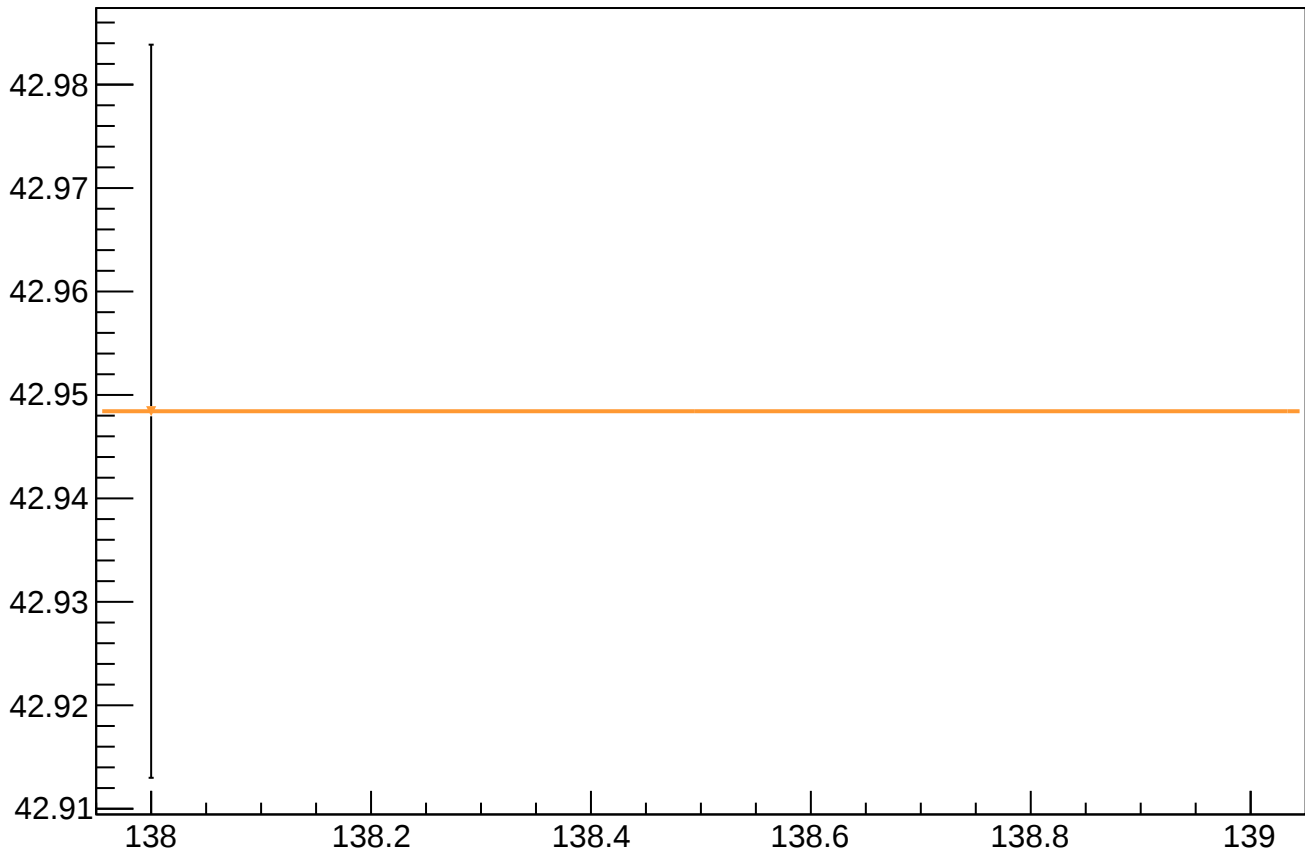
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14.497+/-50.112 χ^2/NDF : 0.0/0

14.497+/-50.112 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 42.948+/-0.035 χ^2/NDF : 0.0/0

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

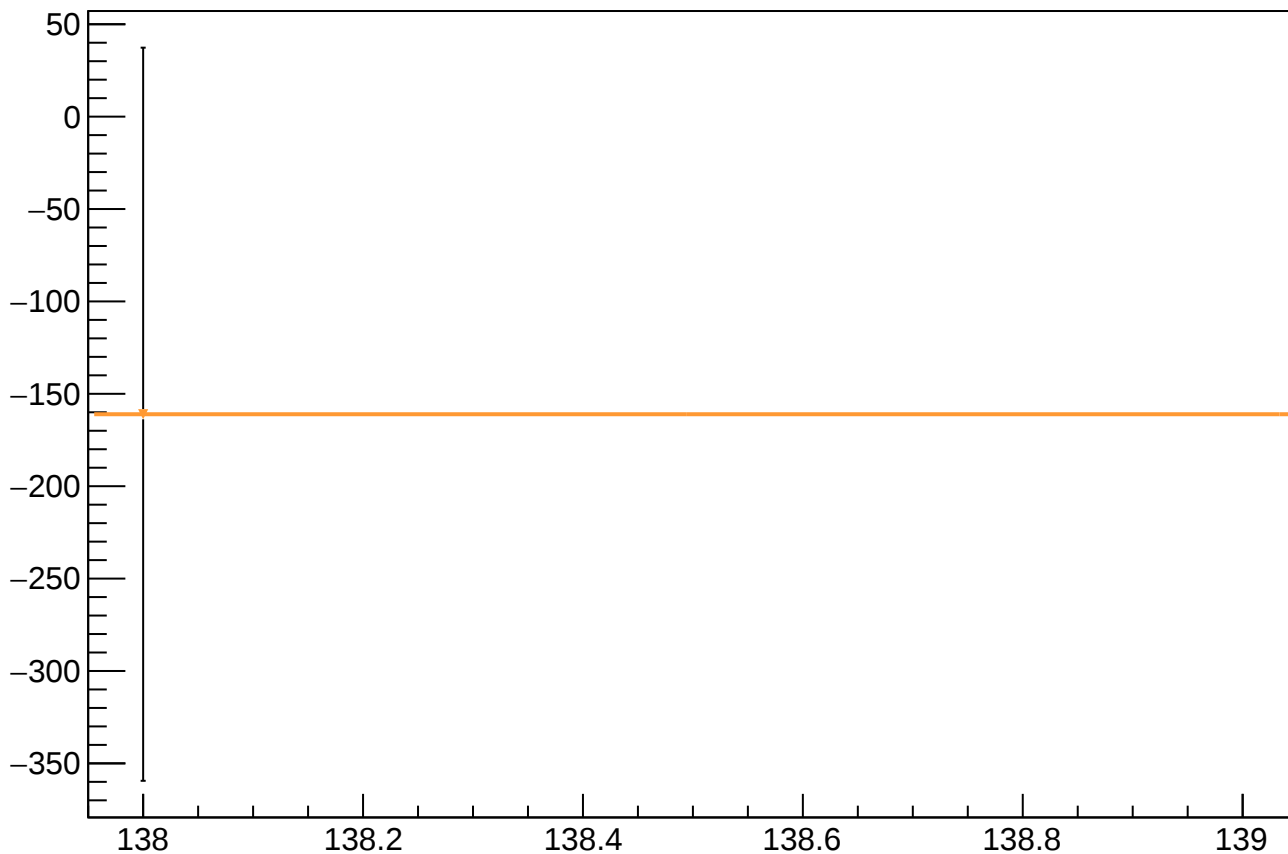
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

42.948+/-0.035 χ^2/NDF : 0.0/0

42.948+/-0.035 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -161.053+/-198.376 χ^2/NDF : 0.0/0

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

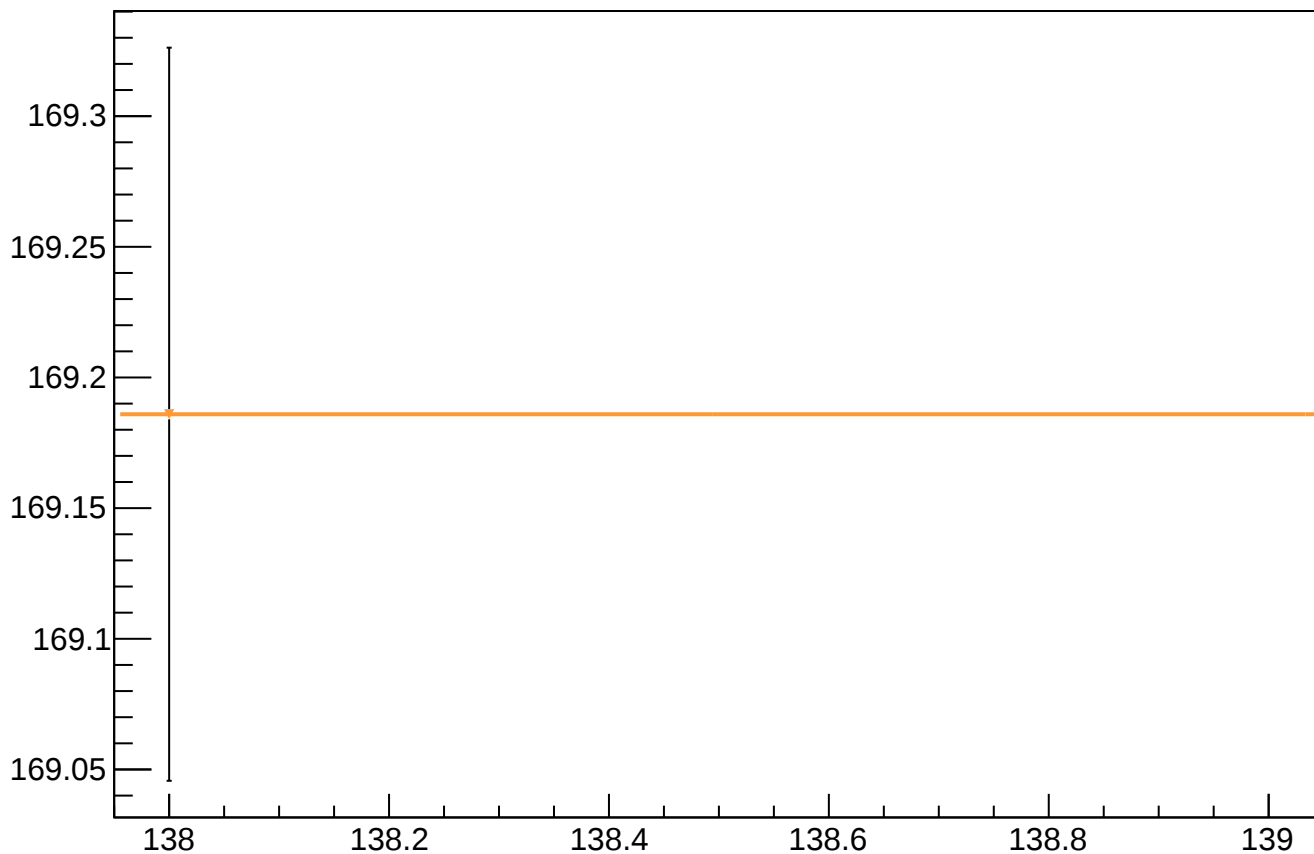
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-161.053+/-198.376 χ^2/NDF : 0.0/0

-161.053+/-198.376 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 169.186+/-0.140 χ^2/NDF : 0.0/0

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

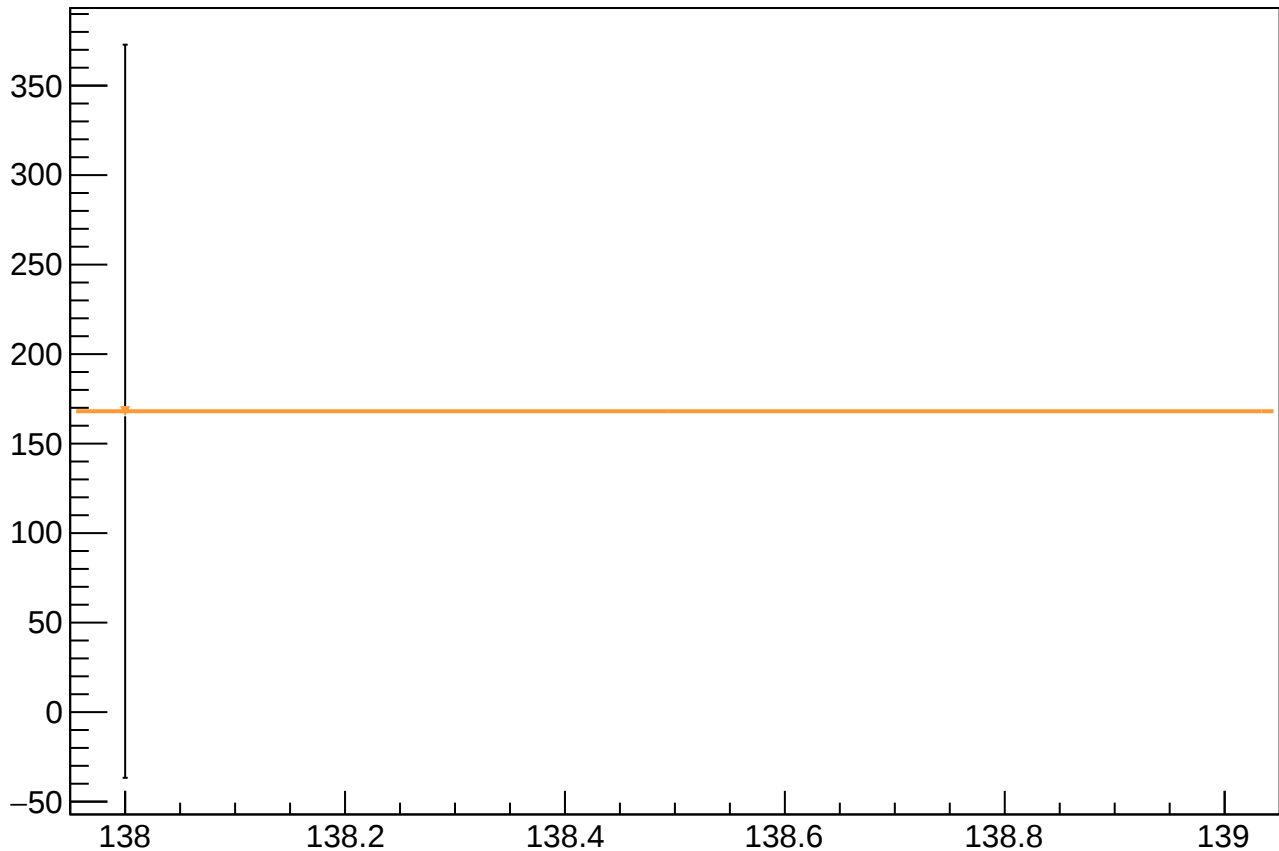
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

169.186+/-0.140 χ^2/NDF : 0.0/0

169.186+/-0.140 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 168.090+/-204.783 χ^2/NDF : 0.0/0

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

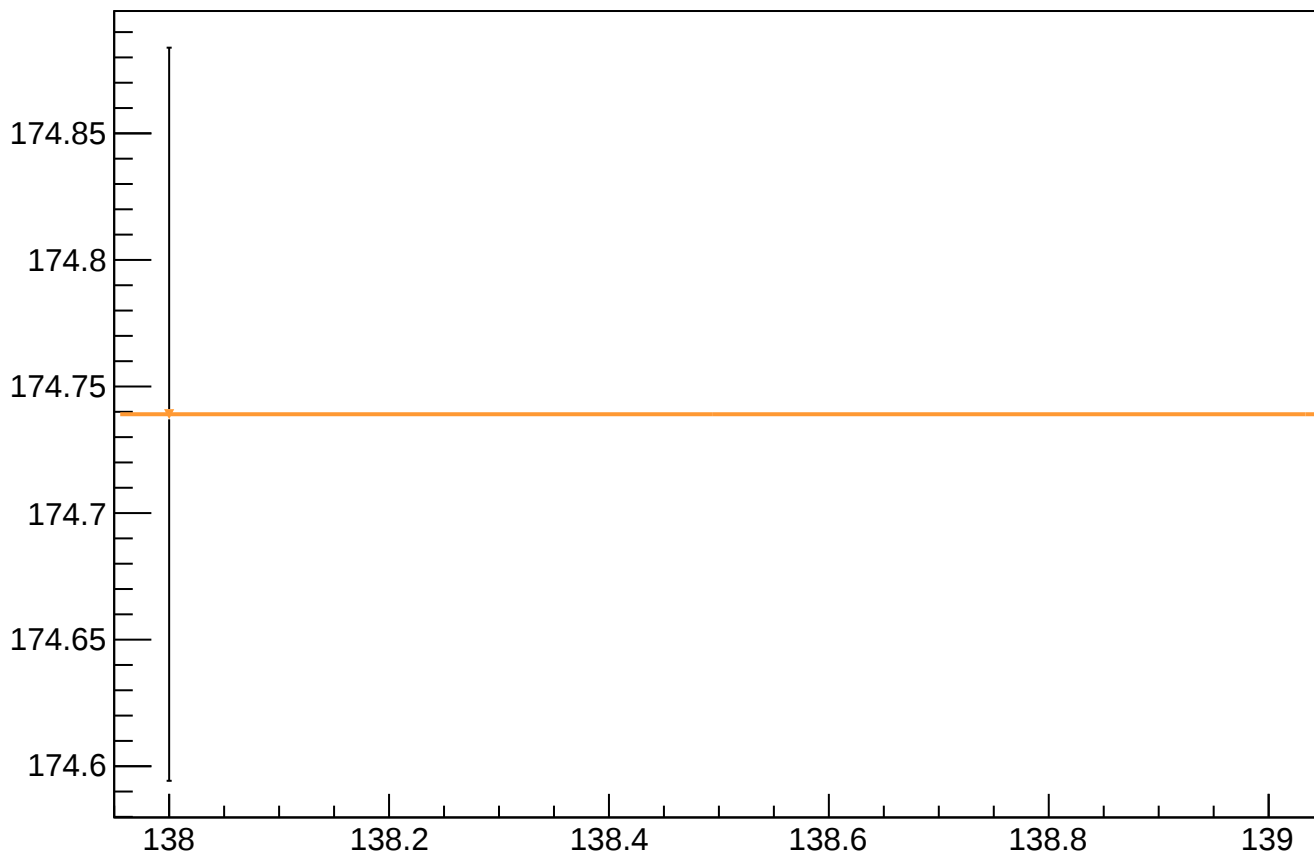
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

168.090+/-204.783 χ^2/NDF : 0.0/0

168.090+/-204.783 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 174.739+/-0.145 χ^2/NDF : 0.0/0

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

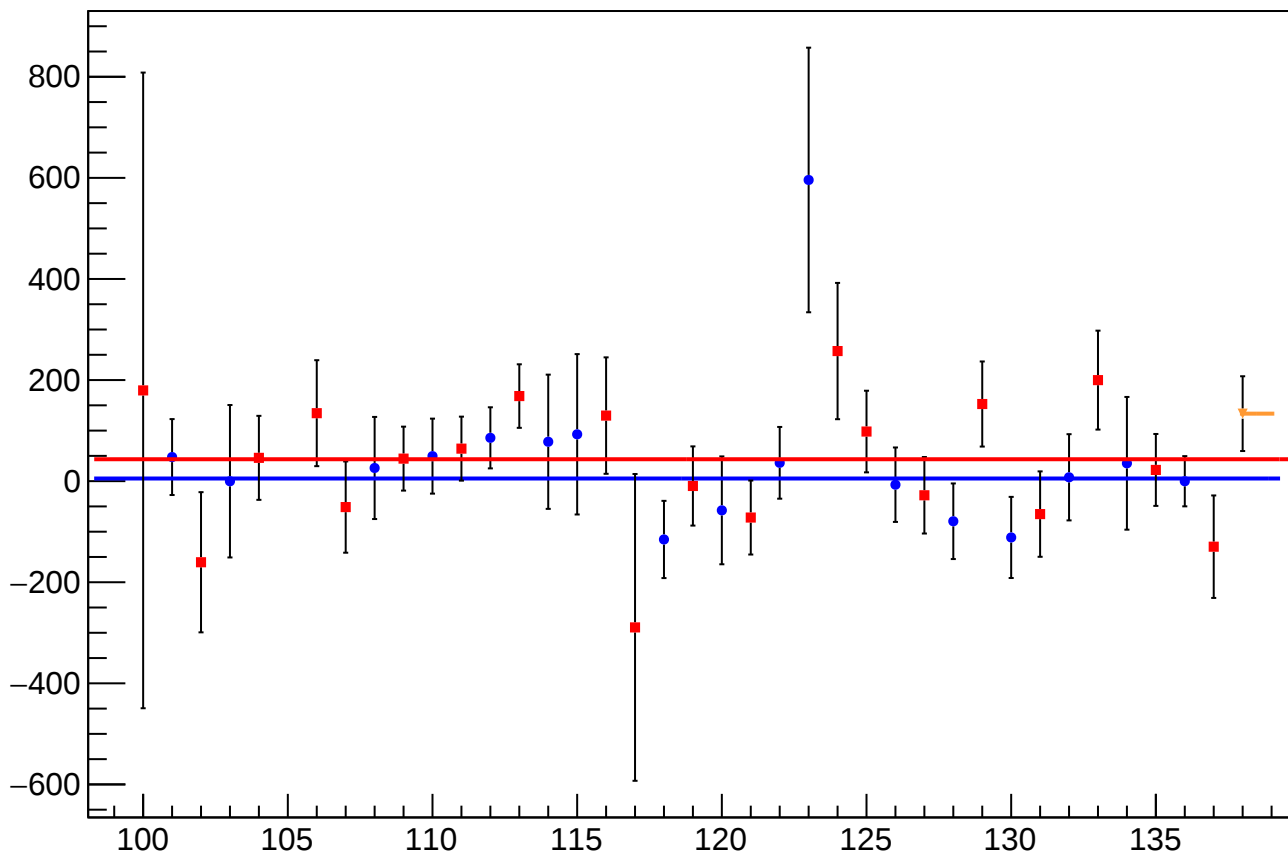
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

174.739+/-0.145 χ^2/NDF : 0.0/0

174.739+/-0.145 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 5.220+/-20.150 χ^2 /NDF: 14.7/16

Left Out: 133.550+/-73.971 χ^2 /NDF:0.0/0

Right Out: 43.354+/-19.371 χ^2 /NDF: 25.6/19

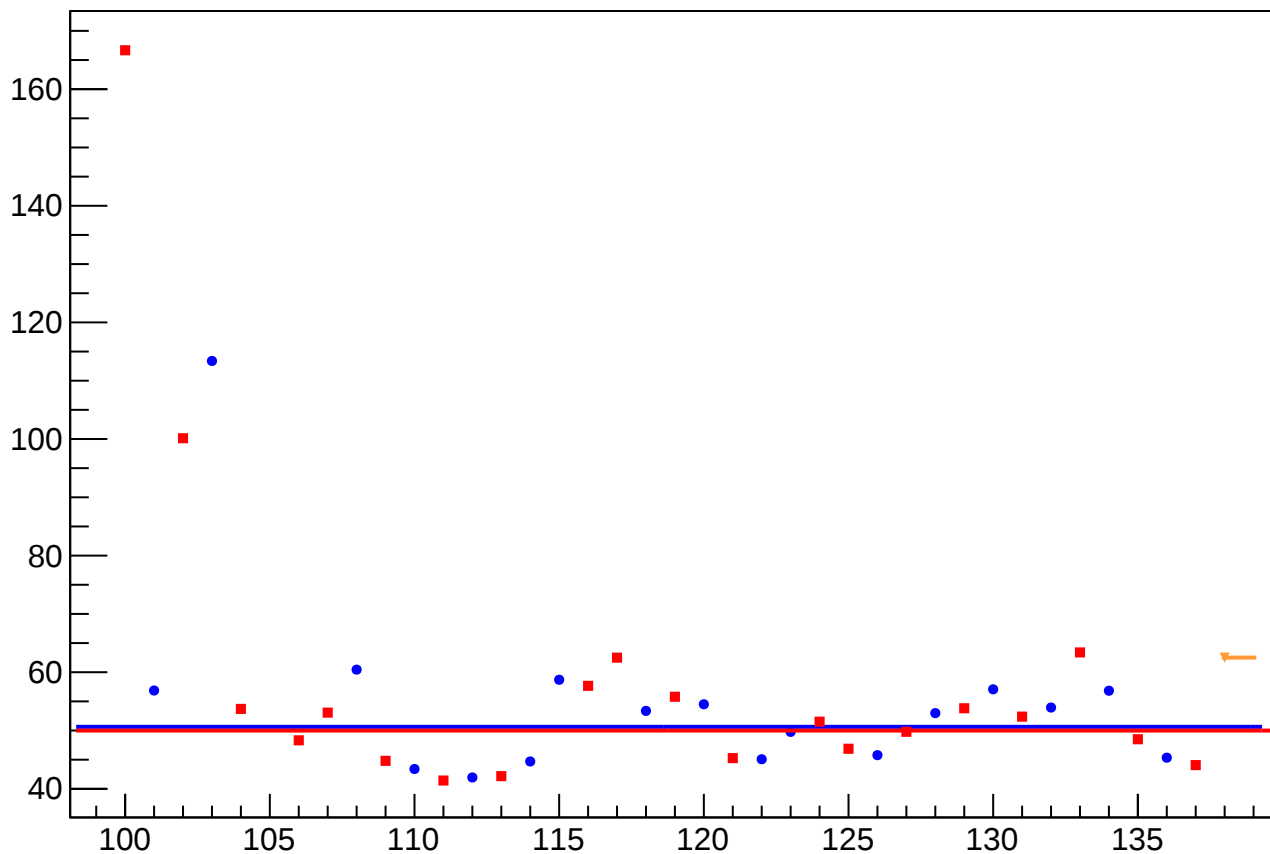
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

14.085+/-19.442 χ^2 /NDF: 17.5/17

28.773+/-13.722 χ^2 /NDF: 44.2/37

43.354+/-19.371 χ^2 /NDF: 25.6/19

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 50.635 $\pm$ 0.014 χ^2 /NDF: 519687.1/16

Left Out: 62.509 $\pm$ 0.052 χ^2 /NDF: 0.0/0

Right Out: 49.994 $\pm$ 0.014 χ^2 /NDF: 503898.1/19

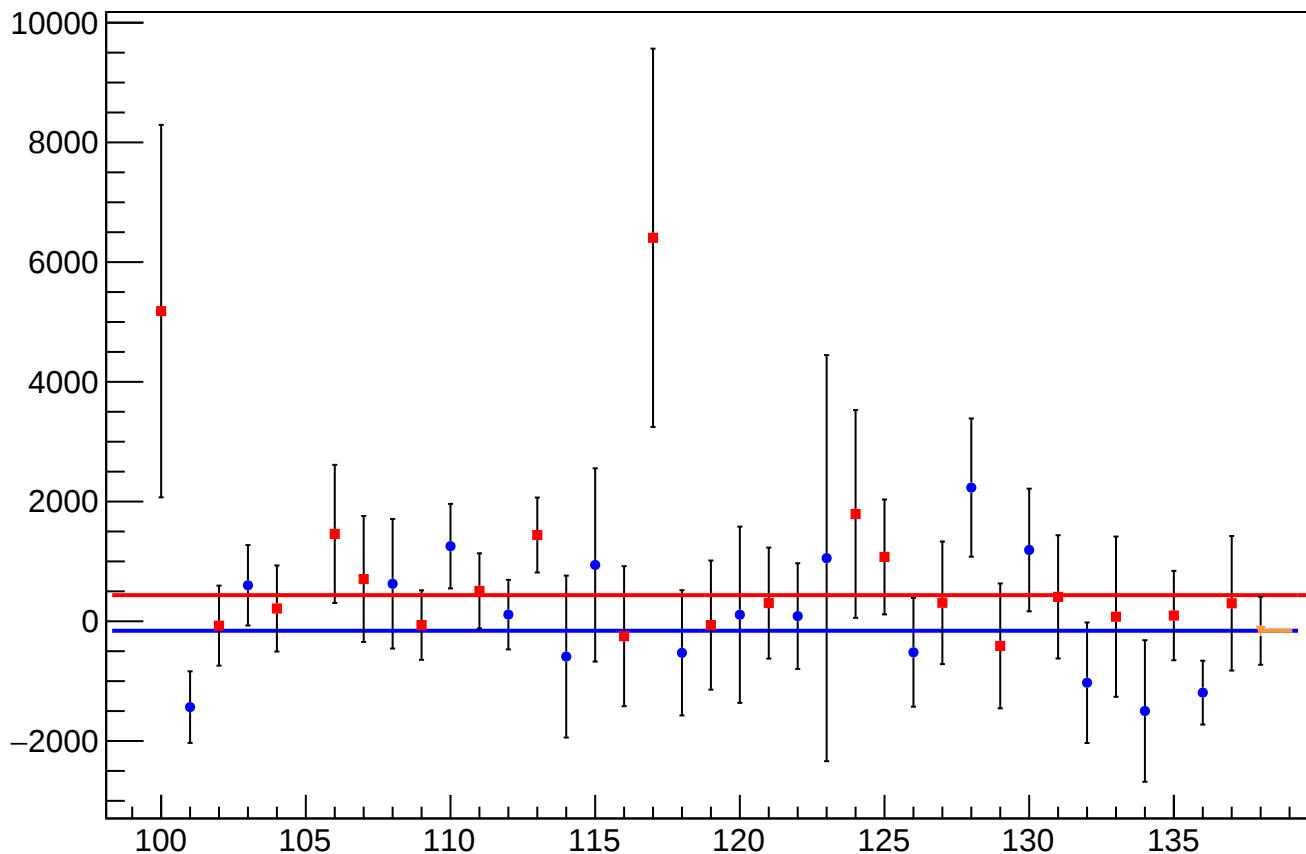
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

51.455 $\pm$ 0.014 χ^2 /NDF: 567661.0/17

50.722 $\pm$ 0.010 χ^2 /NDF: 1077227.9/37

49.994 $\pm$ 0.014 χ^2 /NDF: 503898.1/19

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -158.001+/-210.181 χ^2/NDF : 23.5/16

Left Out: -158.724+/-568.257 χ^2/NDF : 0.0/0

Right Out: 436.410+/-203.212 χ^2/NDF : 13.4/19

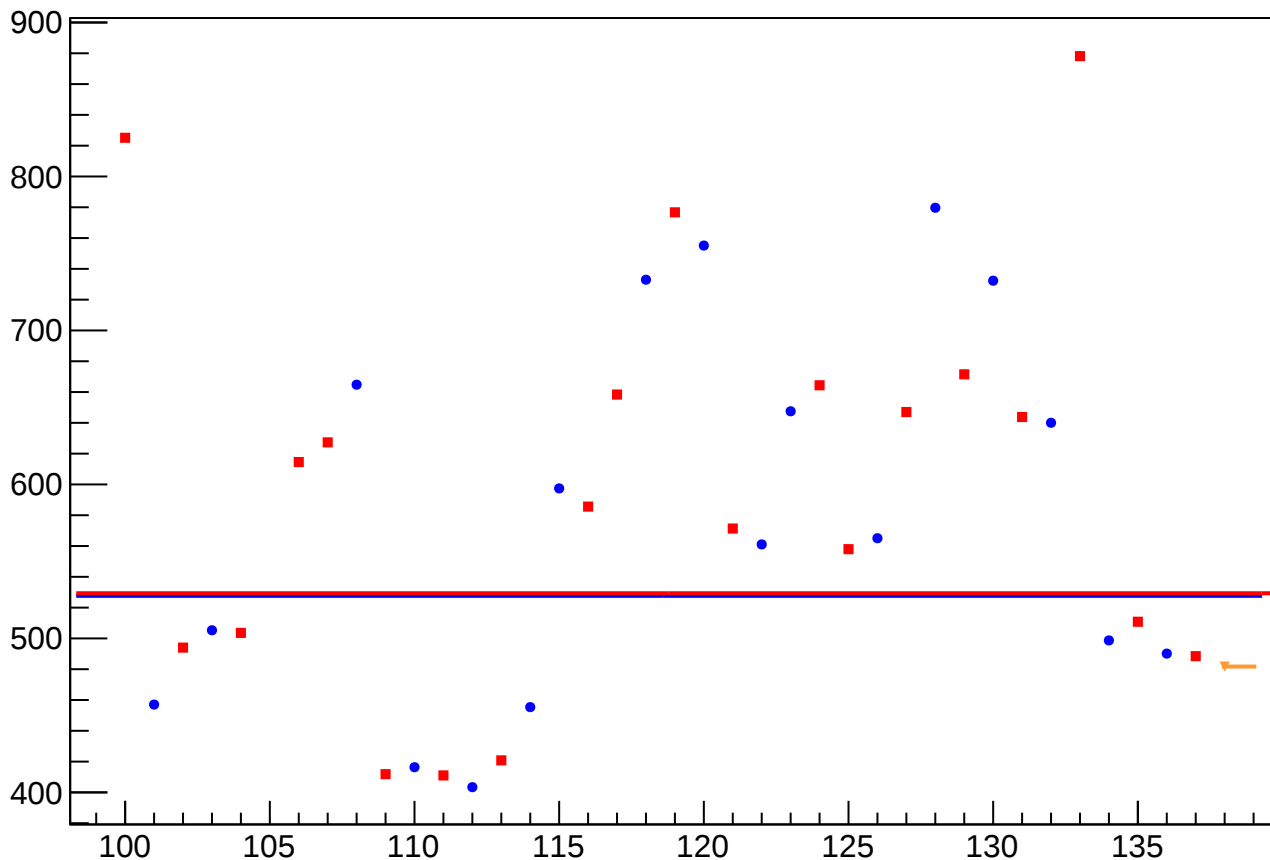
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-158.088+/-197.129 χ^2/NDF : 23.5/17

130.130+/-141.493 χ^2/NDF : 41.2/37

436.410+/-203.212 χ^2/NDF : 13.4/19

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 527.663+/-0.149 χ^2/NDF : 557423.6/16

Left Out: 481.725+/-0.402 χ^2/NDF : 0.0/0

Right Out: 529.342+/-0.144 χ^2/NDF : 626714.3/19

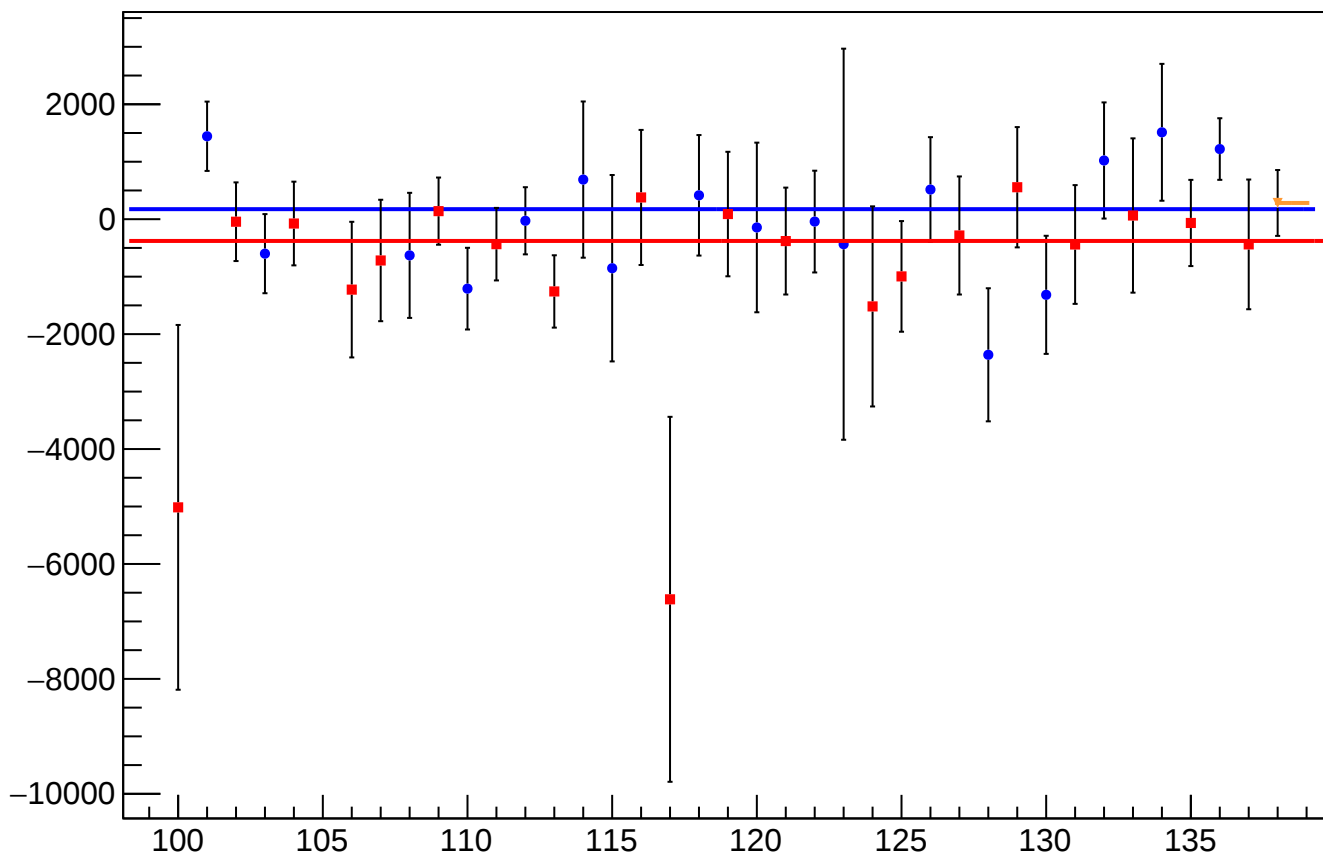
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

522.135+/-0.139 χ^2/NDF : 568921.0/17

525.629+/-0.100 χ^2/NDF : 1196931.4/37

529.342+/-0.144 χ^2/NDF : 626714.3/19

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 174.605 $\pm$ 211.662 χ^2 /NDF: 23.7/16

Left Out: 282.465 $\pm$ 573.112 χ^2 /NDF: 0.0/0

Right Out: -378.609 $\pm$ 204.777 χ^2 /NDF: 12.3/19

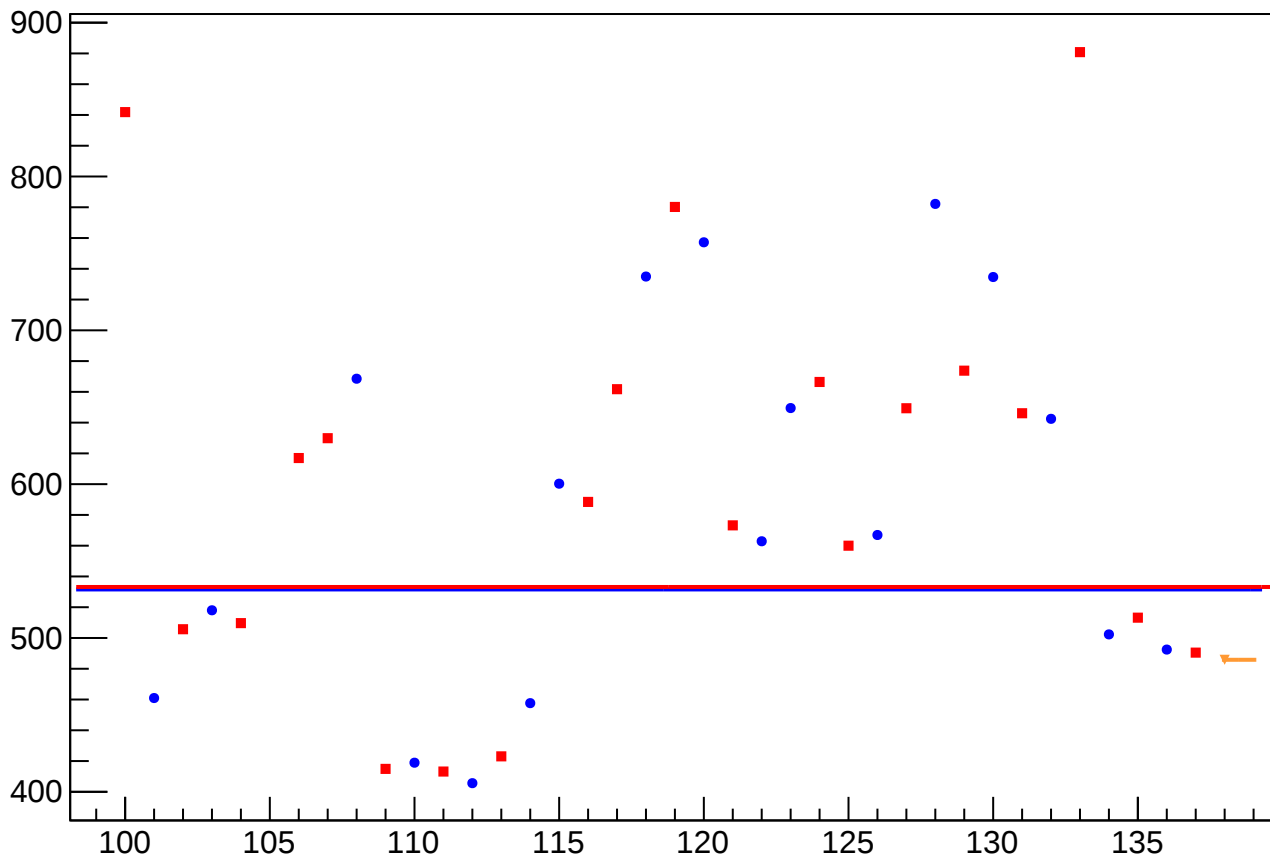
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

187.551 $\pm$ 198.554 χ^2 /NDF: 23.7/17

-86.796 $\pm$ 142.548 χ^2 /NDF: 40.0/37

-378.609 $\pm$ 204.777 χ^2 /NDF: 12.3/19

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 531.554+/-0.150 χ^2/NDF : 550087.6/16

Left Out: 485.828+/-0.405 χ^2/NDF : 0.0/0

Right Out: 533.157+/-0.145 χ^2/NDF : 619038.4/19

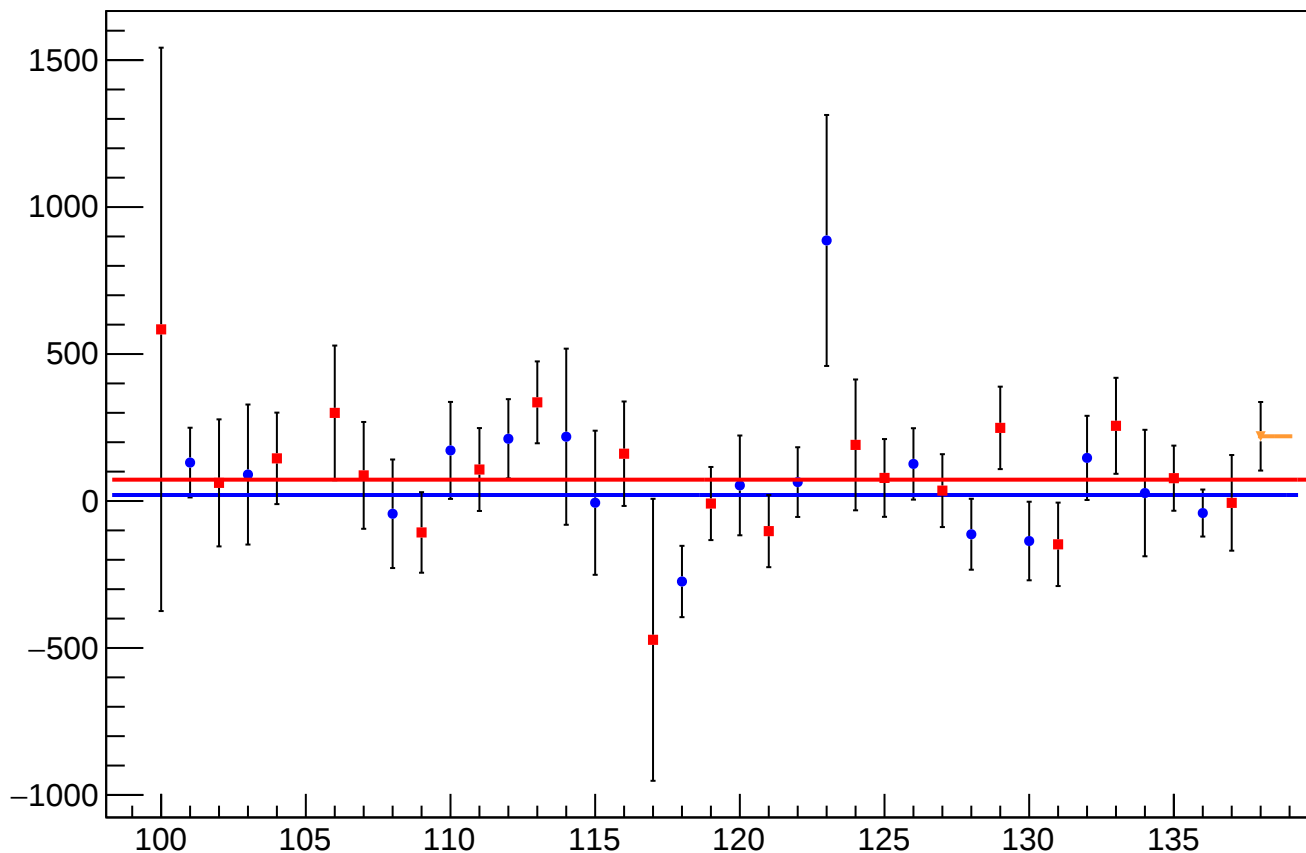
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

526.066+/-0.140 χ^2/NDF : 561290.9/17

529.502+/-0.101 χ^2/NDF : 1181565.6/37

533.157+/-0.145 χ^2/NDF : 619038.4/19

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 20.441+/-34.583 χ^2/NDF : 19.3/16

Left Out: 220.206+/-116.646 χ^2/NDF : 0.0/0

Right Out: 72.603+/-34.608 χ^2/NDF : 16.7/19

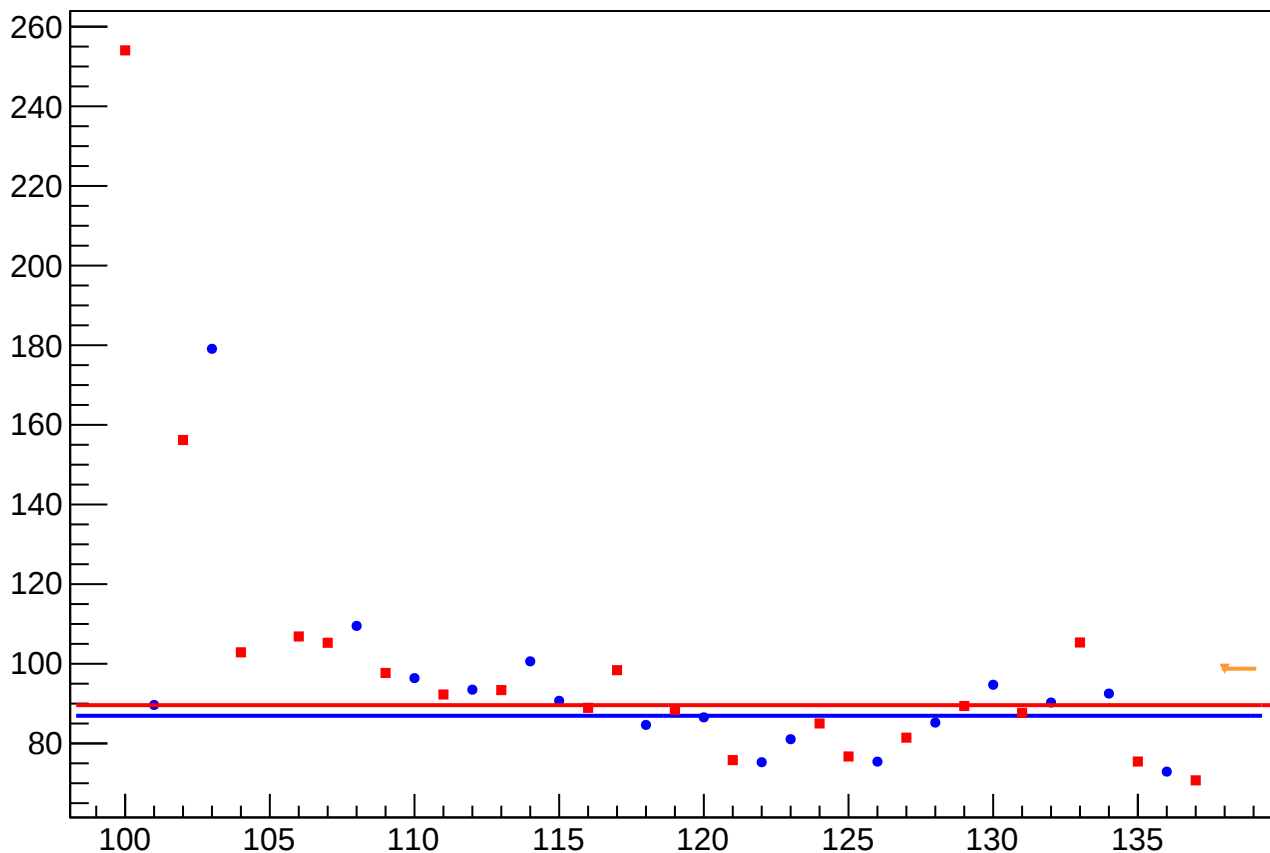
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

36.581+/-33.157 χ^2/NDF : 22.0/17

53.821+/-23.942 χ^2/NDF : 39.2/37

72.603+/-34.608 χ^2/NDF : 16.7/19

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 86.943+/-0.024 χ^2/NDF : 455809.4/16

Left Out: 98.761+/-0.082 χ^2/NDF : 0.0/0

Right Out: 89.607+/-0.024 χ^2/NDF : 431905.8/19

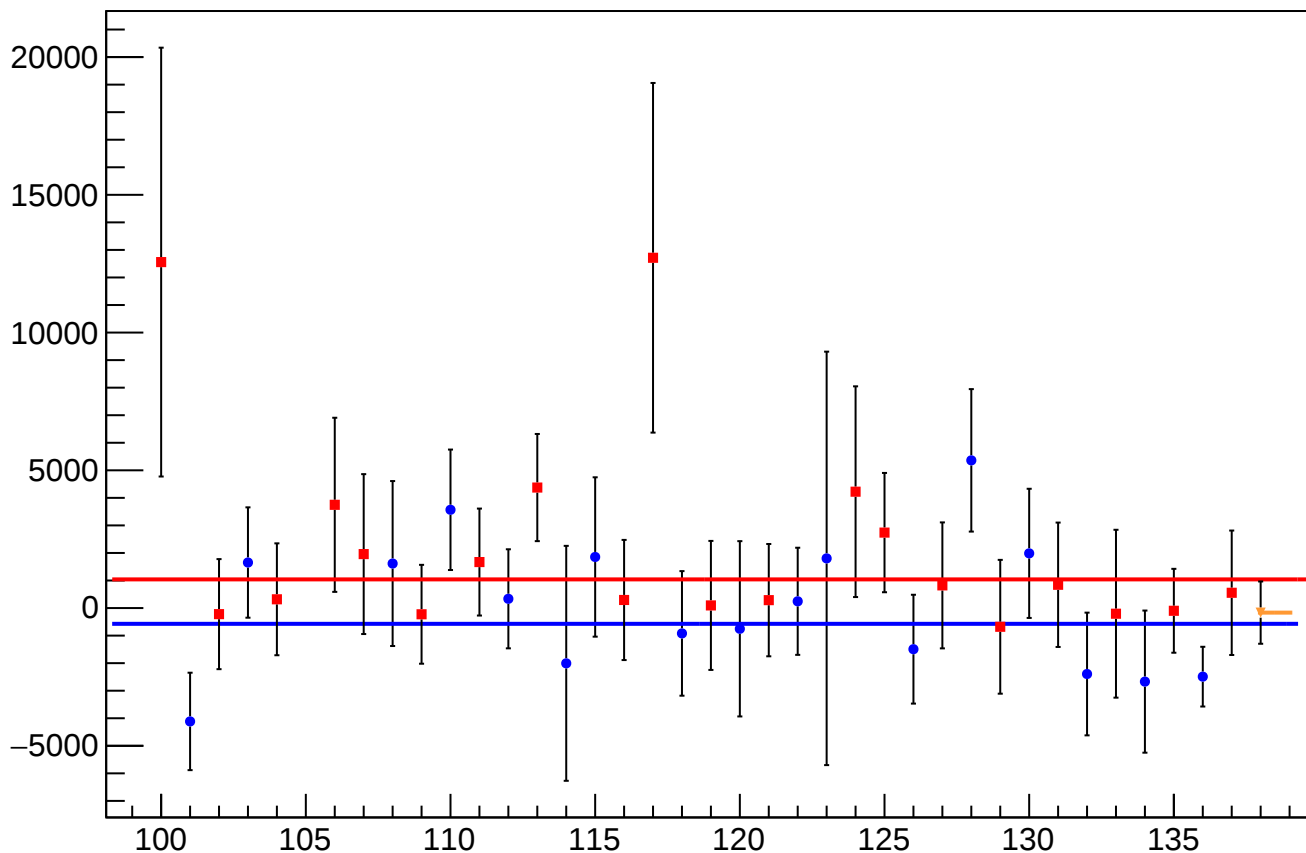
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

87.897+/-0.023 χ^2/NDF : 474679.7/17

88.716+/-0.017 χ^2/NDF : 909129.8/37

89.607+/-0.024 χ^2/NDF : 431905.8/19

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -572.342+/-517.020 χ^2/NDF : 21.9/16

Left Out: -165.654+/-1130.170 χ^2/NDF : 0.0/0

Right Out: 1040.618+/-512.937 χ^2/NDF : 13.5/19

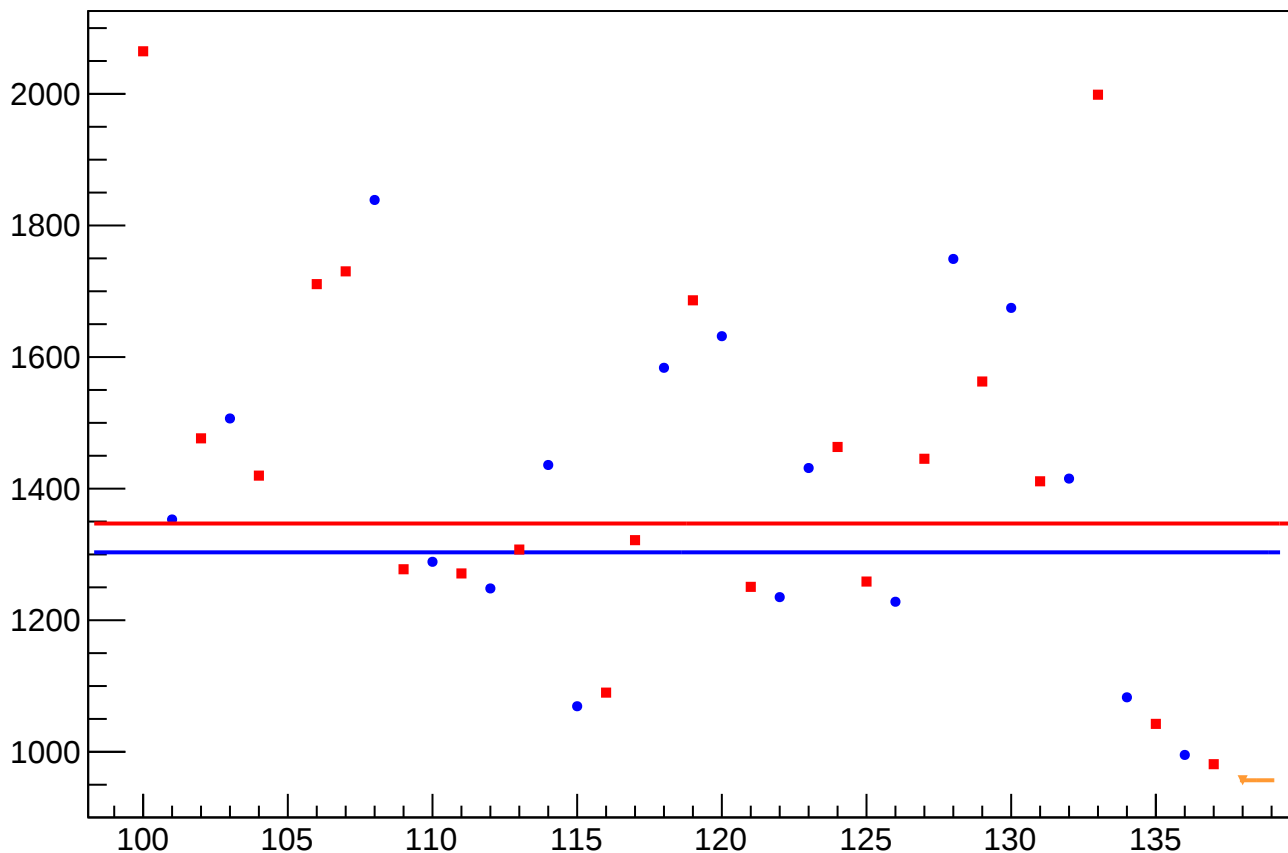
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-501.959+/-470.158 χ^2/NDF : 22.0/17

202.332+/-346.591 χ^2/NDF : 40.4/37

1040.618+/-512.937 χ^2/NDF : 13.5/19

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1303.201+/-0.366 χ^2/NDF : 451961.9/16

Left Out: 956.763+/-0.799 χ^2/NDF : 0.0/0

Right Out: 1347.011+/-0.363 χ^2/NDF : 420806.0/19

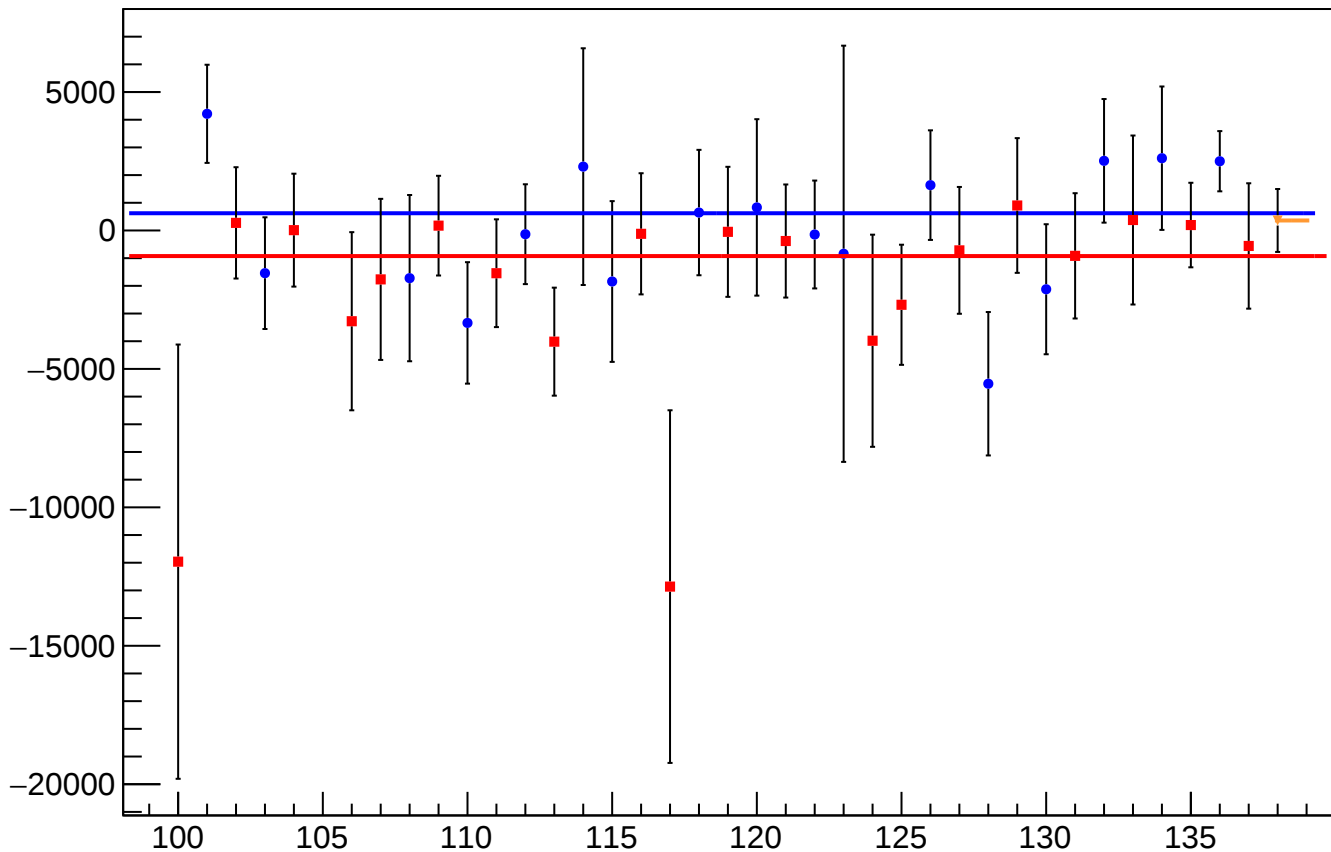
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1243.246+/-0.332 χ^2/NDF : 607368.0/17

1290.622+/-0.245 χ^2/NDF : 1072652.2/37

1347.011+/-0.363 χ^2/NDF : 420806.0/19

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 622.411+/-518.496 χ^2/NDF : 22.0/16

Left Out: 361.179+/-1136.306 χ^2/NDF : 0.0/0

Right Out: -924.488+/-514.636 χ^2/NDF : 12.6/19

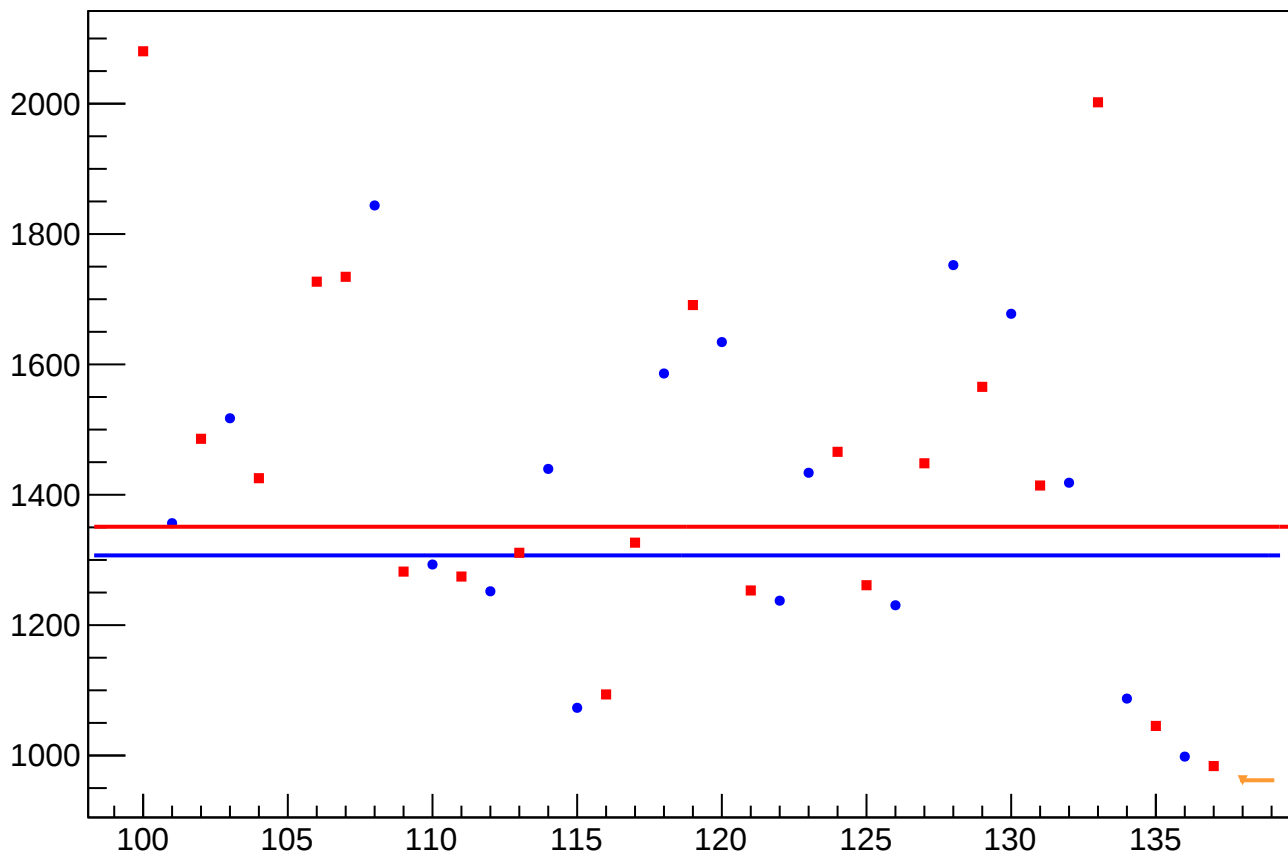
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

577.394+/-471.709 χ^2/NDF : 22.0/17

-108.307+/-347.736 χ^2/NDF : 39.2/37

-924.488+/-514.636 χ^2/NDF : 12.6/19

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1306.980+/-0.367 χ^2/NDF : 451191.7/16

Left Out: 961.988+/-0.803 χ^2/NDF : 0.0/0

Right Out: 1350.936+/-0.364 χ^2/NDF : 421834.2/19

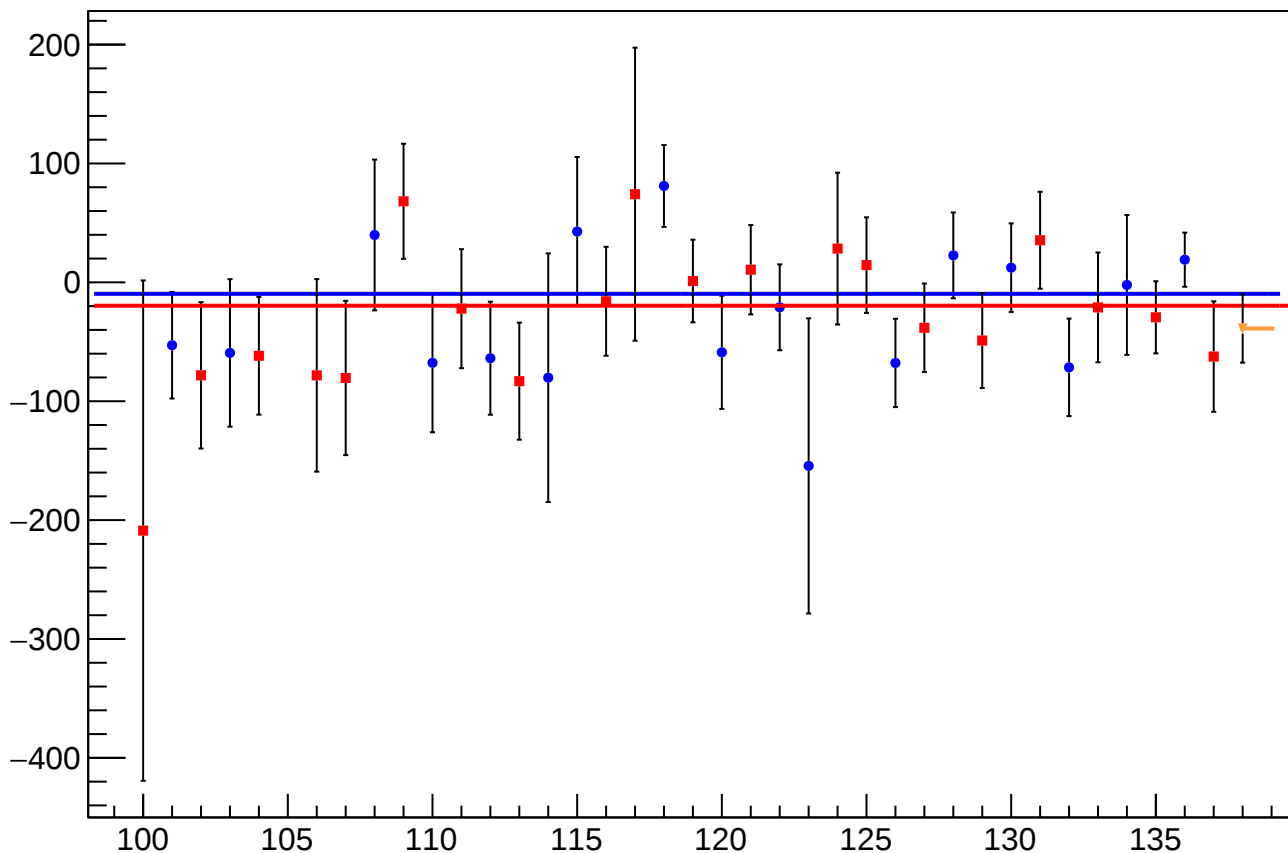
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1247.528+/-0.334 χ^2/NDF : 603777.9/17

1294.740+/-0.246 χ^2/NDF : 1069493.8/37

1350.936+/-0.364 χ^2/NDF : 421834.2/19

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -9.669+/-10.408 χ^2/NDF : 22.6/16

Left Out: -38.812+/-28.772 χ^2/NDF : 0.0/0

Right Out: -19.662+/-10.406 χ^2/NDF : 15.2/19

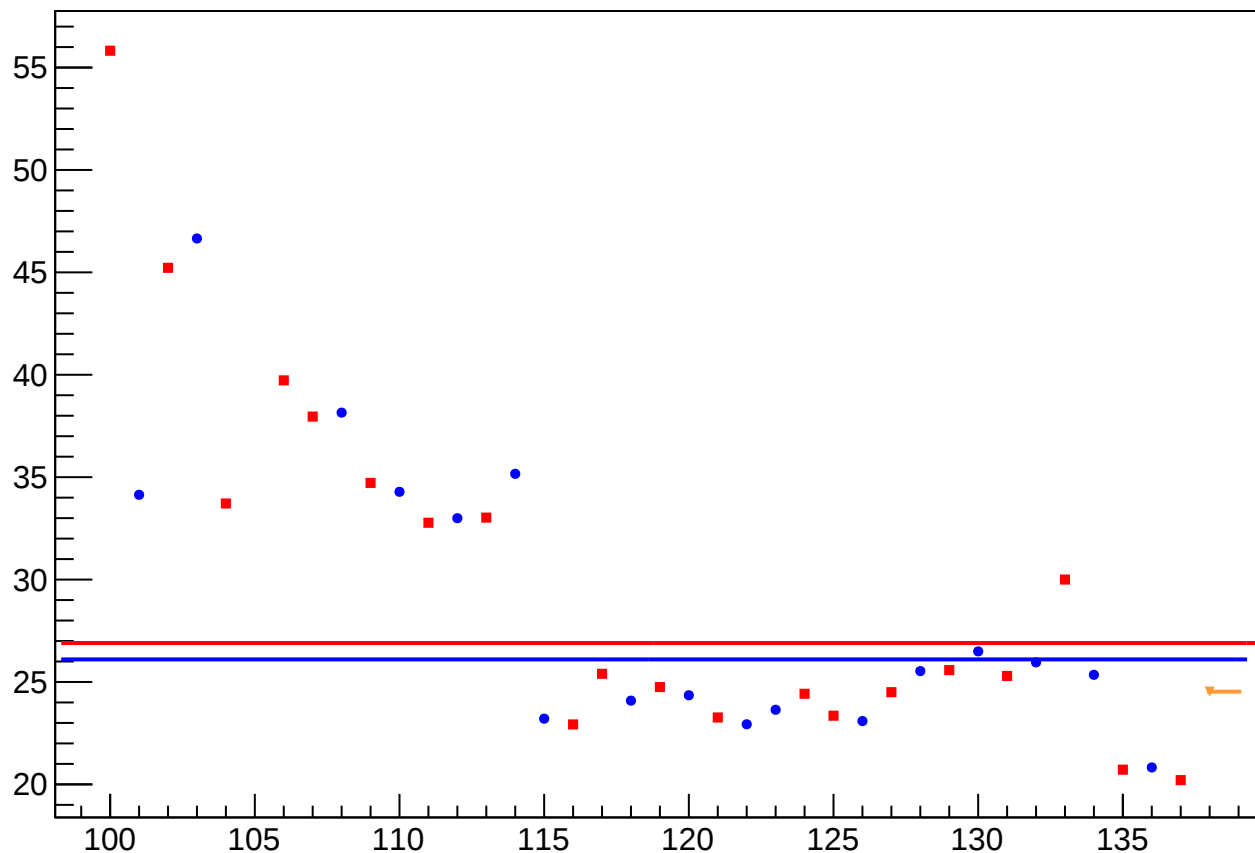
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-13.041+/-9.787 χ^2/NDF : 23.5/17

-16.148+/-7.129 χ^2/NDF : 38.9/37

-19.662+/-10.406 χ^2/NDF : 15.2/19

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 26.103 $\pm$ 0.007 χ^2 /NDF: 604038.5/16

Left Out: 24.528 $\pm$ 0.020 χ^2 /NDF:0.0/0

Right Out: 26.903 $\pm$ 0.007 χ^2 /NDF: 679269.9/19

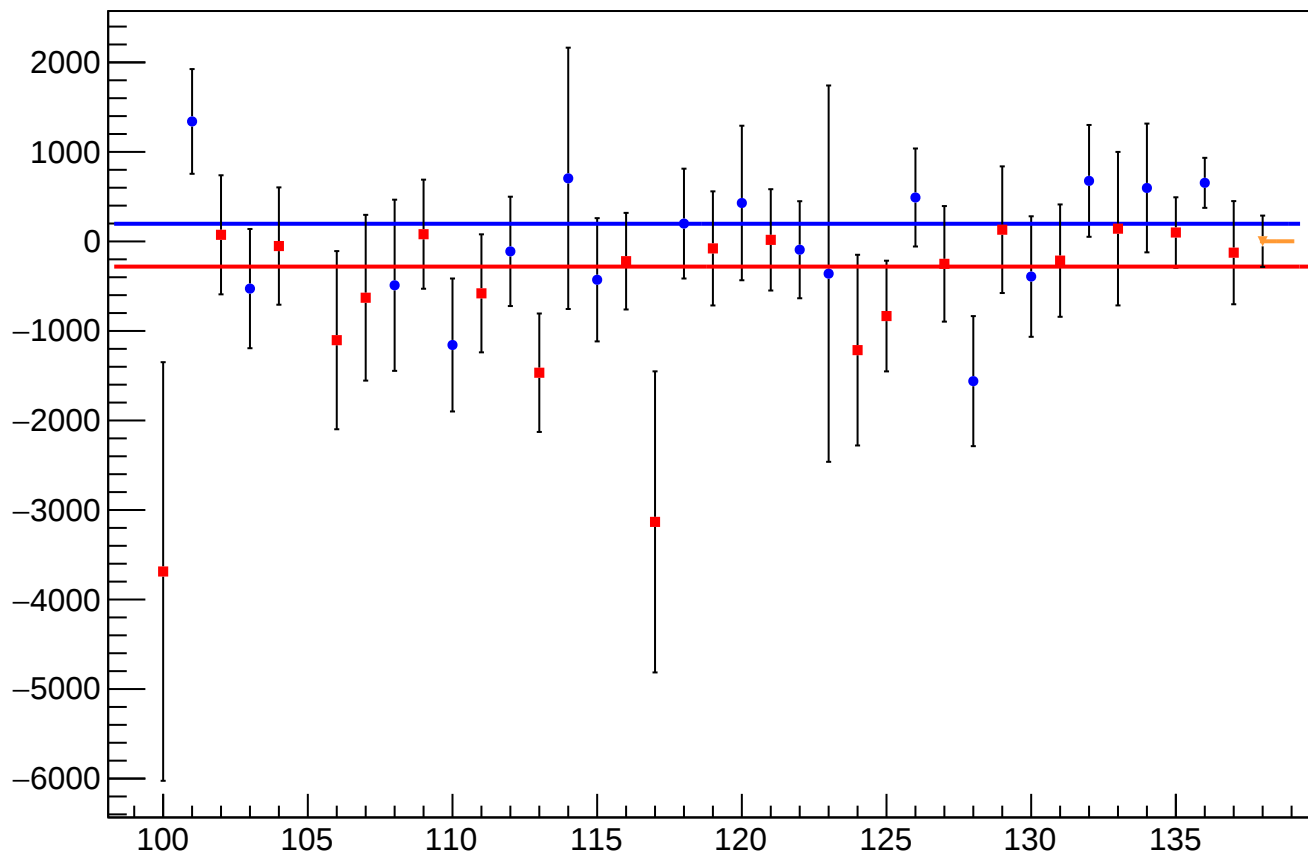
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

25.920 $\pm$ 0.007 χ^2 /NDF: 609337.0/17

26.382 $\pm$ 0.005 χ^2 /NDF: 1298069.7/37

26.903 $\pm$ 0.007 χ^2 /NDF: 679269.9/19

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 197.327 $\pm$ 147.883 χ^2 /NDF: 21.0/16

Left Out: 1.693 $\pm$ 286.902 χ^2 /NDF:0.0/0

Right Out: -281.185 $\pm$ 149.275 χ^2 /NDF: 13.6/19

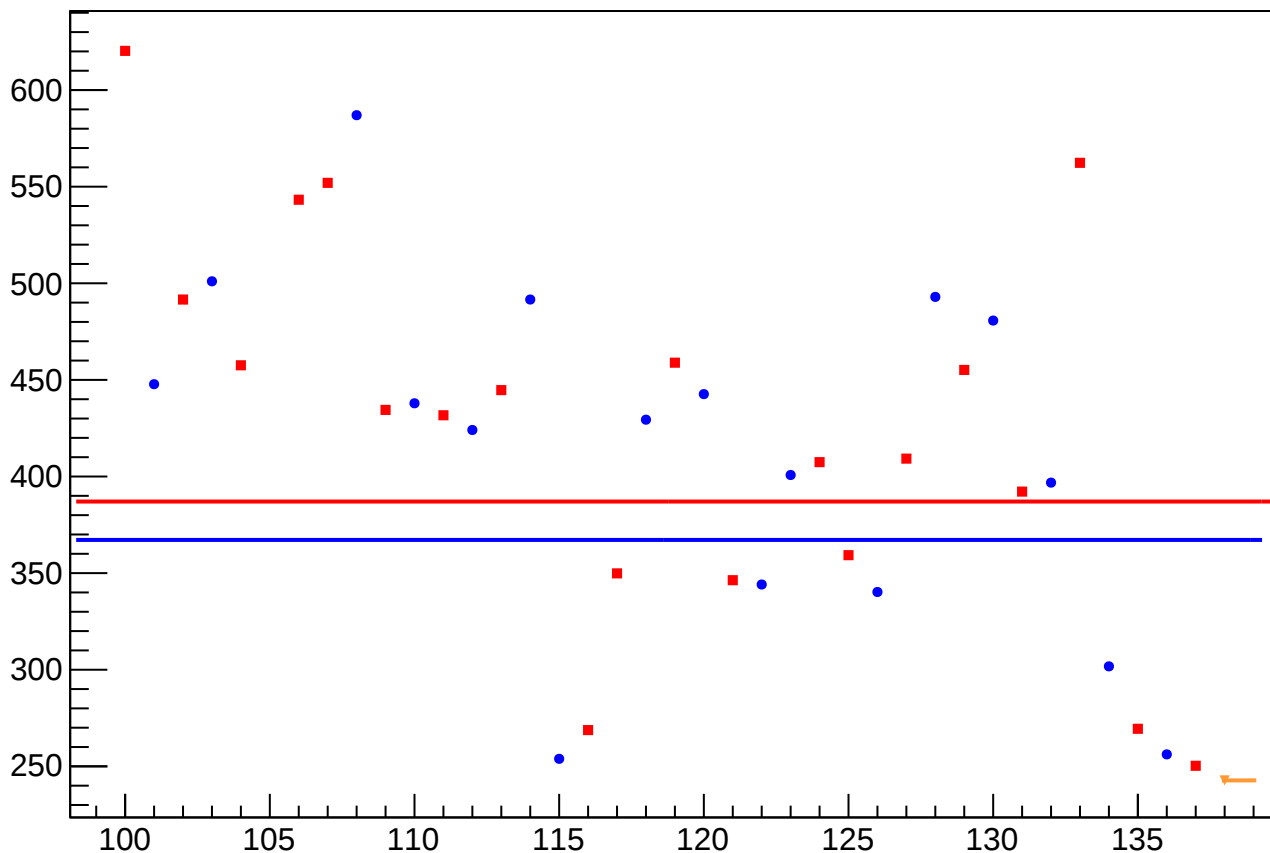
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

156.261 $\pm$ 131.449 χ^2 /NDF: 21.3/17

-34.795 $\pm$ 98.652 χ^2 /NDF: 39.7/37

-281.185 $\pm$ 149.275 χ^2 /NDF: 13.6/19

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 367.180 $\pm$ 0.105 χ^2 /NDF: 827148.2/16

Left Out: 242.724 $\pm$ 0.203 χ^2 /NDF: 0.0/0

Right Out: 387.048 $\pm$ 0.106 χ^2 /NDF: 775547.5/19

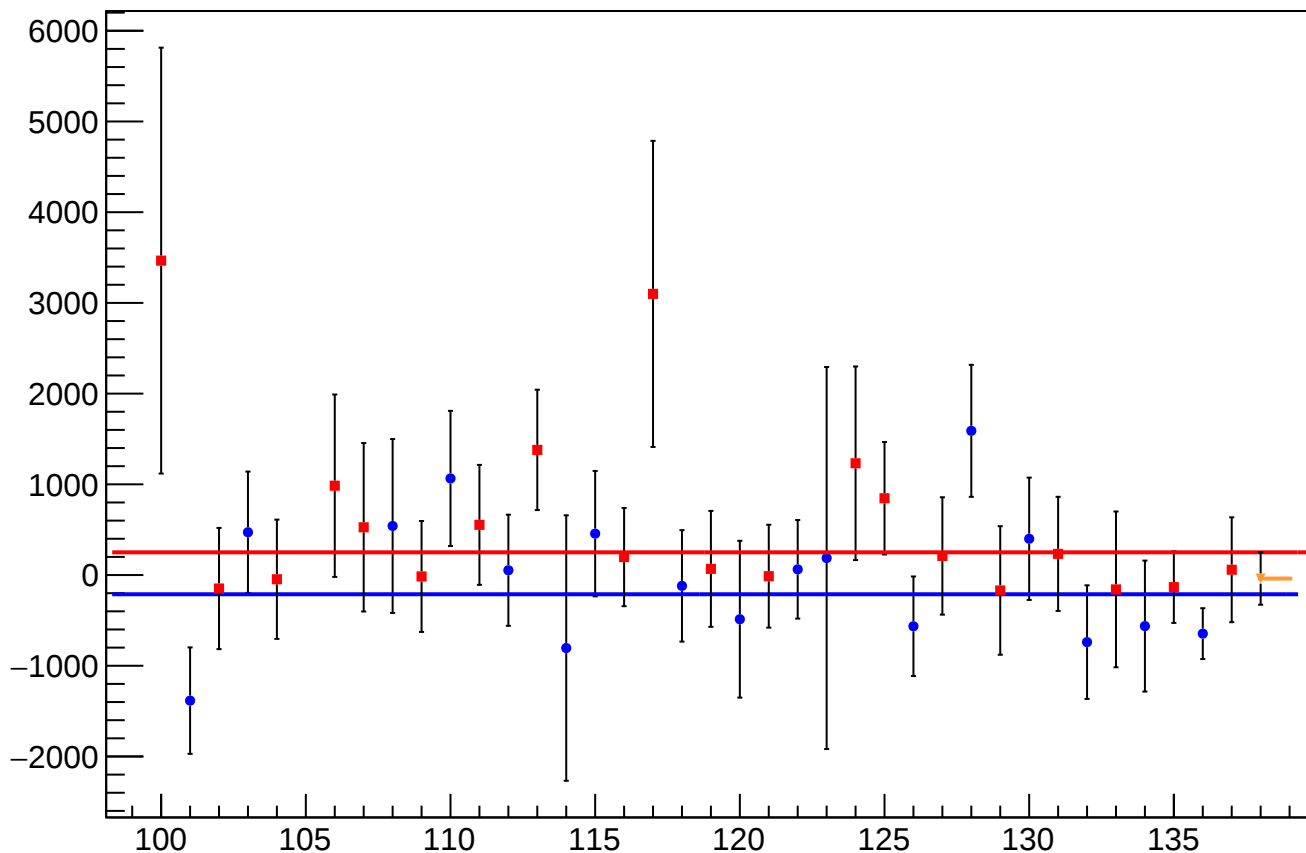
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

341.055 $\pm$ 0.093 χ^2 /NDF: 1124498.4/17

361.143 $\pm$ 0.070 χ^2 /NDF: 2006986.4/37

387.048 $\pm$ 0.106 χ^2 /NDF: 775547.5/19

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -211.859+/-148.316 χ^2/NDF : 21.0/16

Left Out: -38.700+/-288.402 χ^2/NDF : 0.0/0

Right Out: 250.443+/-149.724 χ^2/NDF : 12.9/19

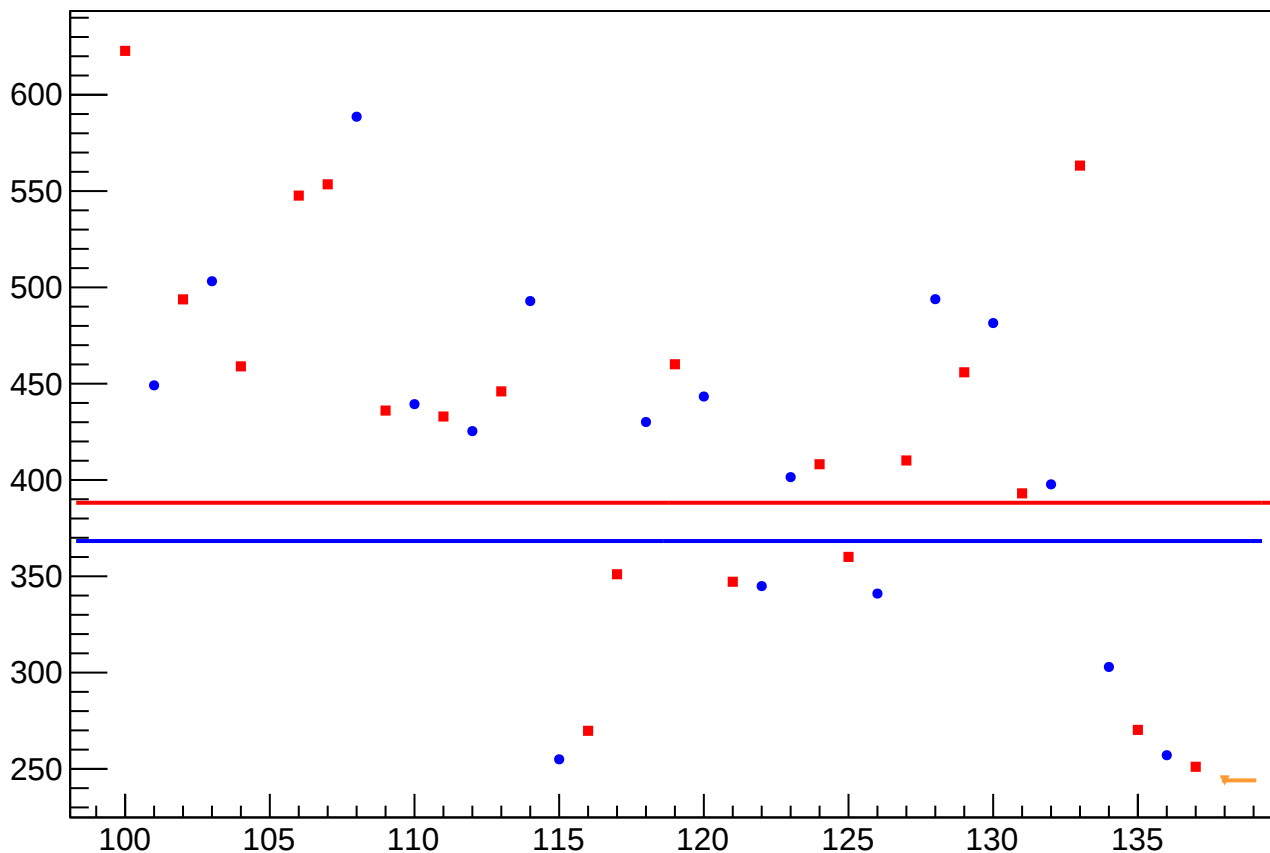
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-175.642+/-131.897 χ^2/NDF : 21.3/17

10.536+/-98.971 χ^2/NDF : 38.8/37

250.443+/-149.724 χ^2/NDF : 12.9/19

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.302 $\pm$ 0.105 χ^2 /NDF: 824619.2/16

Left Out: 244.026 $\pm$ 0.204 χ^2 /NDF: 0.0/0

Right Out: 388.178 $\pm$ 0.106 χ^2 /NDF: 775692.7/19

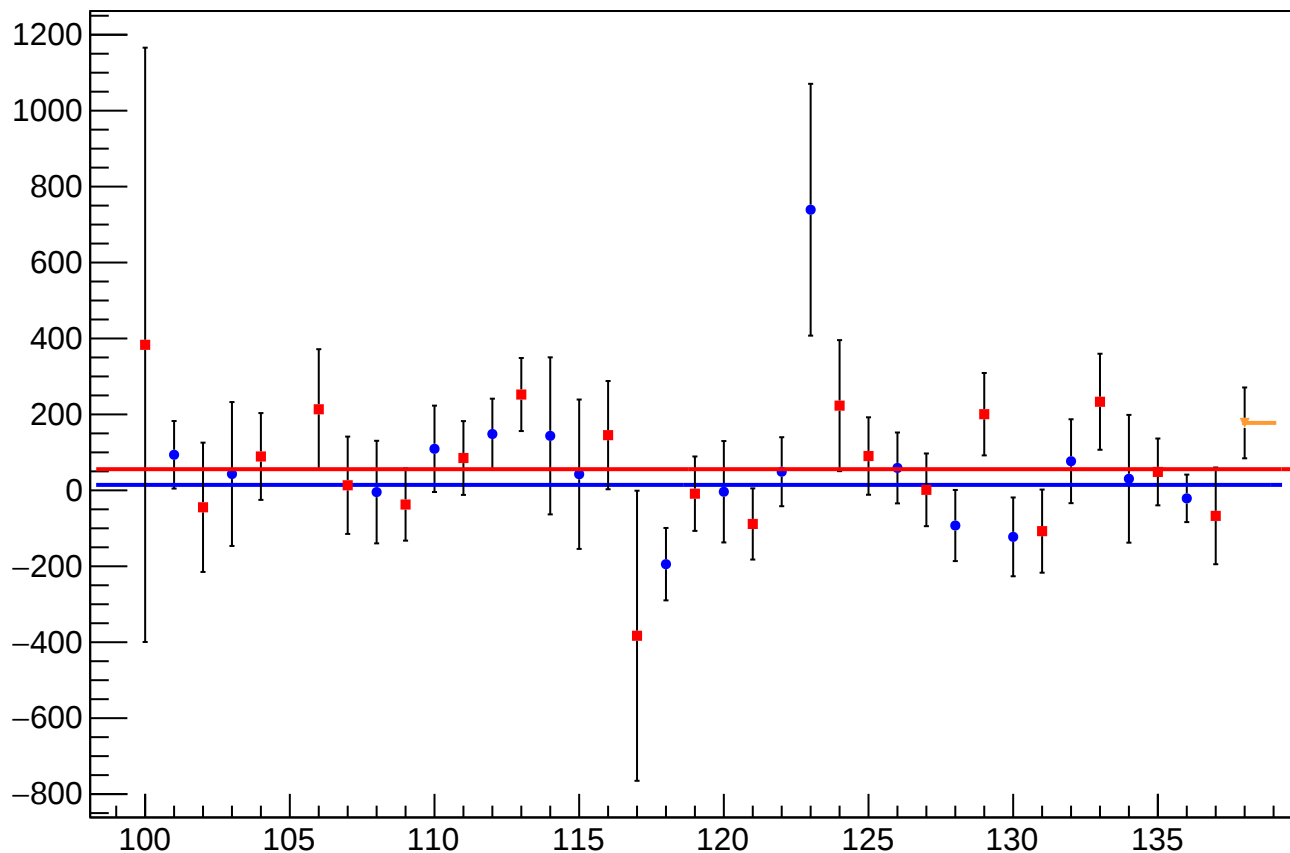
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

342.309 $\pm$ 0.093 χ^2 /NDF: 1118311.9/17

362.351 $\pm$ 0.070 χ^2 /NDF: 1999695.3/37

388.178 $\pm$ 0.106 χ^2 /NDF: 775692.7/19

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 14.385+/-26.334 χ^2/NDF : 17.7/16

Left Out: 177.683+/-93.288 χ^2/NDF : 0.0/0

Right Out: 55.744+/-26.060 χ^2/NDF : 19.7/19

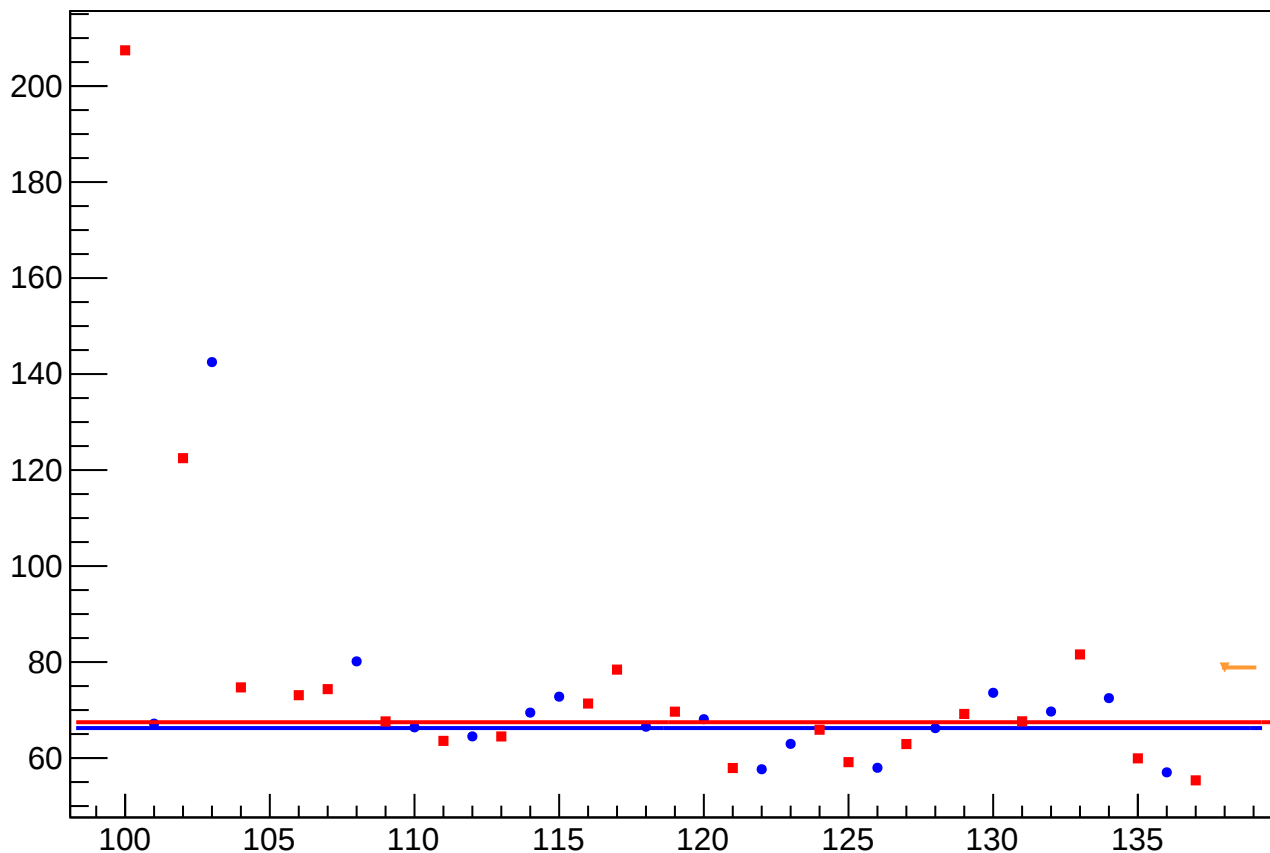
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

26.437+/-25.343 χ^2/NDF : 20.5/17

40.682+/-18.169 χ^2/NDF : 40.9/37

55.744+/-26.060 χ^2/NDF : 19.7/19

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 66.247+/-0.019 χ^2/NDF : 440944.2/16

Left Out: 78.872+/-0.066 χ^2/NDF : 0.0/0

Right Out: 67.466+/-0.018 χ^2/NDF : 395262.8/19

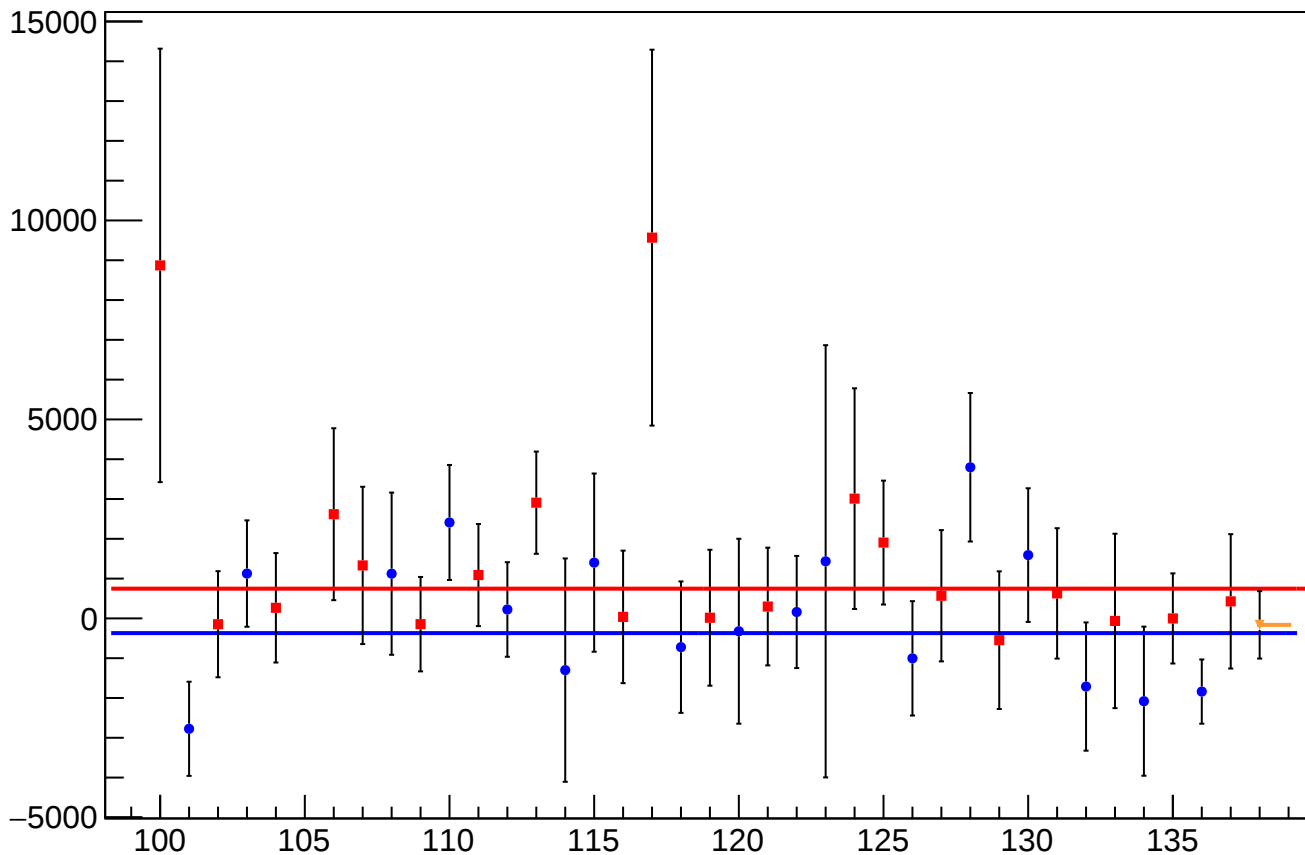
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

67.179+/-0.018 χ^2/NDF : 474869.0/17

67.319+/-0.013 χ^2/NDF : 870257.0/37

67.466+/-0.018 χ^2/NDF : 395262.8/19

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -369.546+/-366.432 χ^2/NDF : 22.3/16

Left Out: -162.377+/-847.245 χ^2/NDF : 0.0/0

Right Out: 747.208+/-360.830 χ^2/NDF : 13.4/19

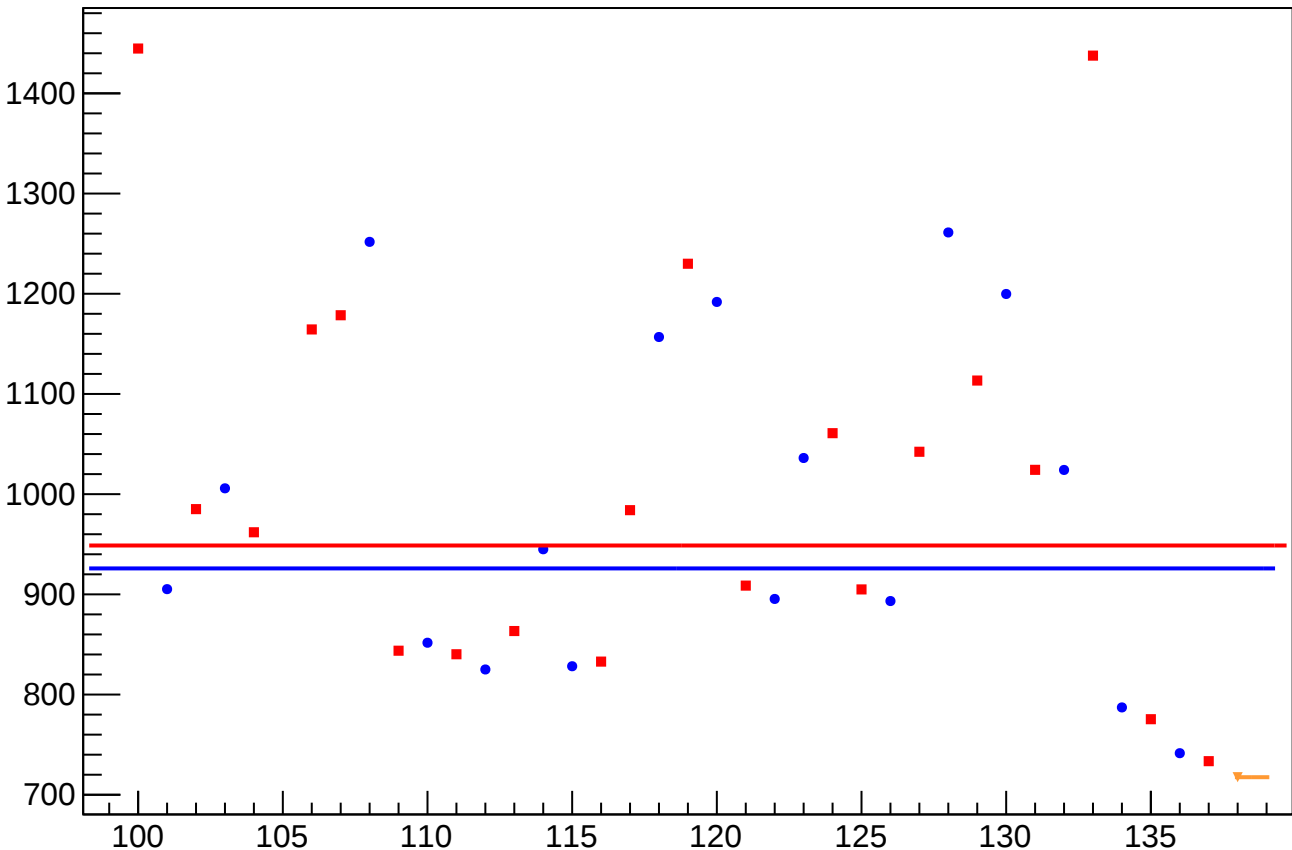
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-336.900+/-336.325 χ^2/NDF : 22.3/17

167.094+/-246.025 χ^2/NDF : 40.6/37

747.208+/-360.830 χ^2/NDF : 13.4/19

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 925.885 +/- 0.259 χ^2/NDF : 391084.5/16

Left Out: 717.529 +/- 0.599 χ^2/NDF : 0.0/0

Right Out: 948.760 +/- 0.255 χ^2/NDF : 382044.0/19

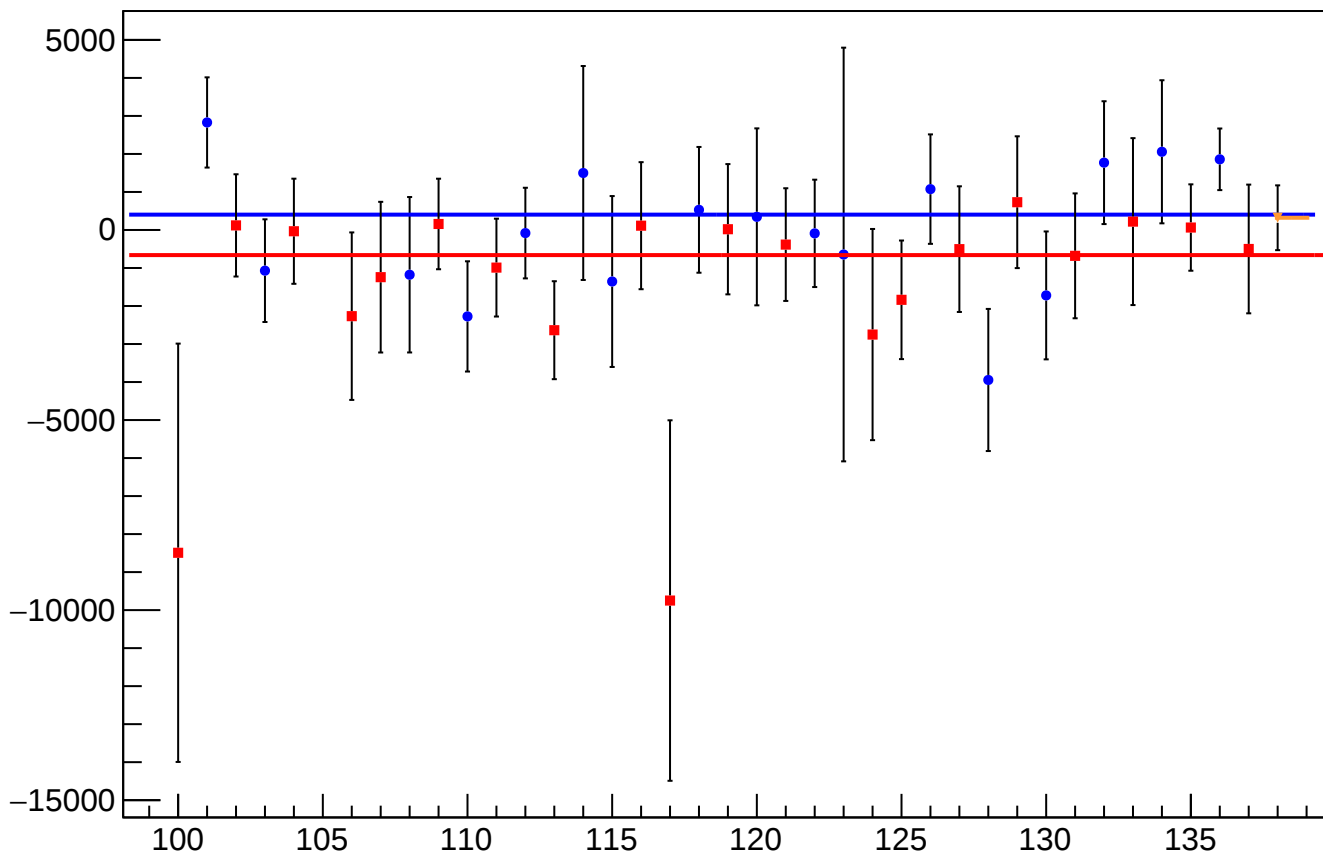
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

893.052 +/- 0.238 χ^2/NDF : 492979.6/17

918.950 +/- 0.174 χ^2/NDF : 900532.5/37

948.760 +/- 0.255 χ^2/NDF : 382044.0/19

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 403.591+/-367.686 χ^2/NDF : 22.4/16

Left Out: 321.504+/-852.459 χ^2/NDF : 0.0/0

Right Out: -660.630+/-362.265 χ^2/NDF : 12.5/19

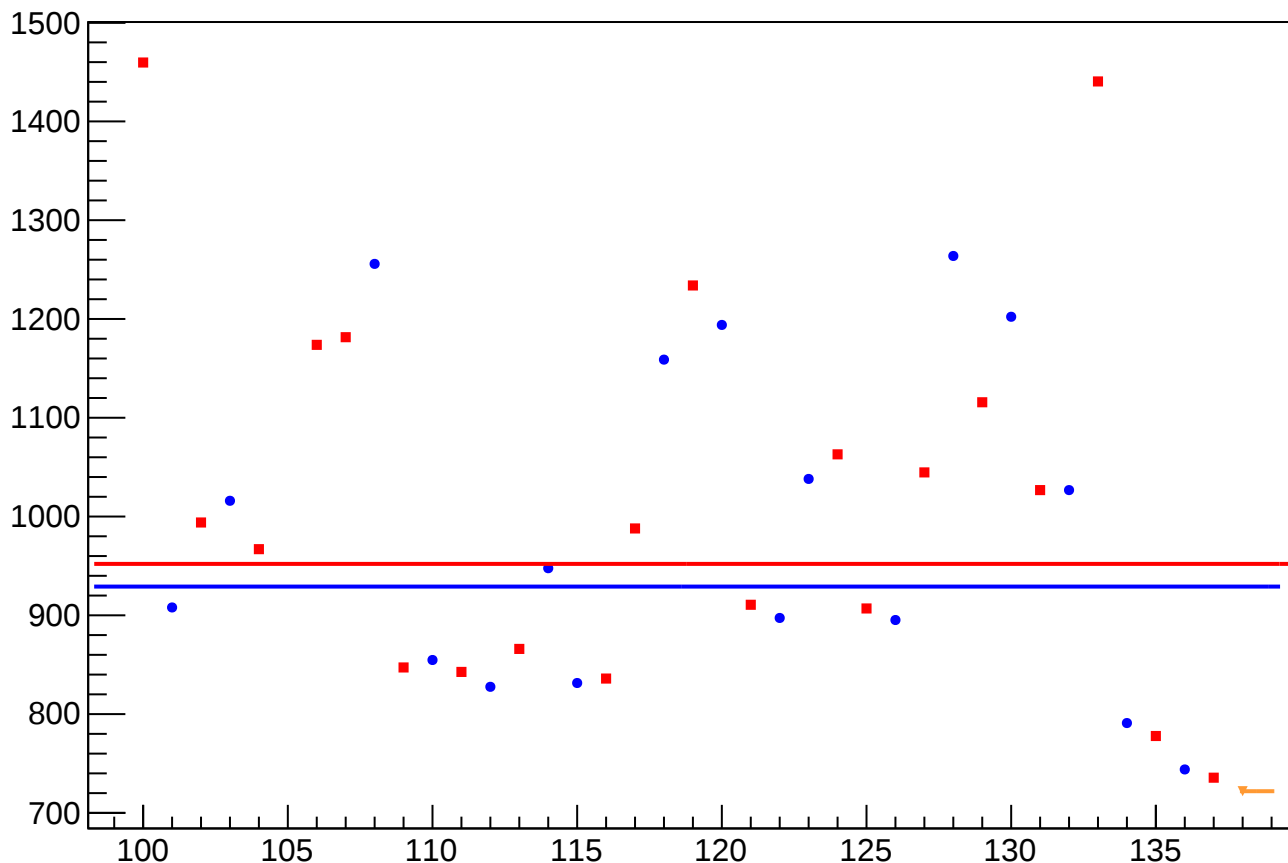
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

390.715+/-337.619 χ^2/NDF : 22.4/17

-97.981+/-246.987 χ^2/NDF : 39.4/37

-660.630+/-362.265 χ^2/NDF : 12.5/19

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 929.096+/-0.260 χ^2/NDF : 390292.1/16

Left Out: 721.950+/-0.603 χ^2/NDF : 0.0/0

Right Out: 952.057+/-0.256 χ^2/NDF : 382334.5/19

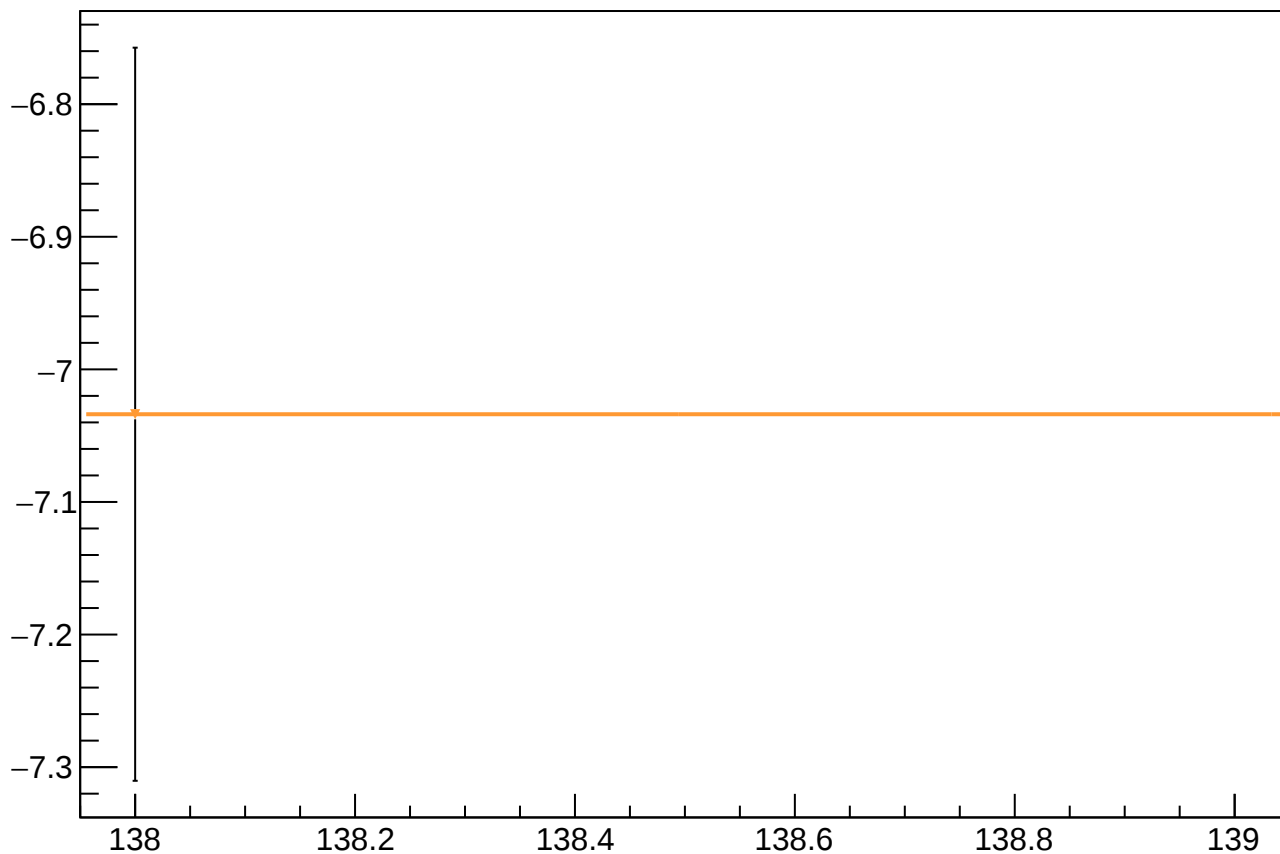
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

896.604+/-0.239 χ^2/NDF : 489864.9/17

922.380+/-0.175 χ^2/NDF : 897279.5/37

952.057+/-0.256 χ^2/NDF : 382334.5/19

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -7.034+/-0.276 χ^2/NDF : 0.0/0

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

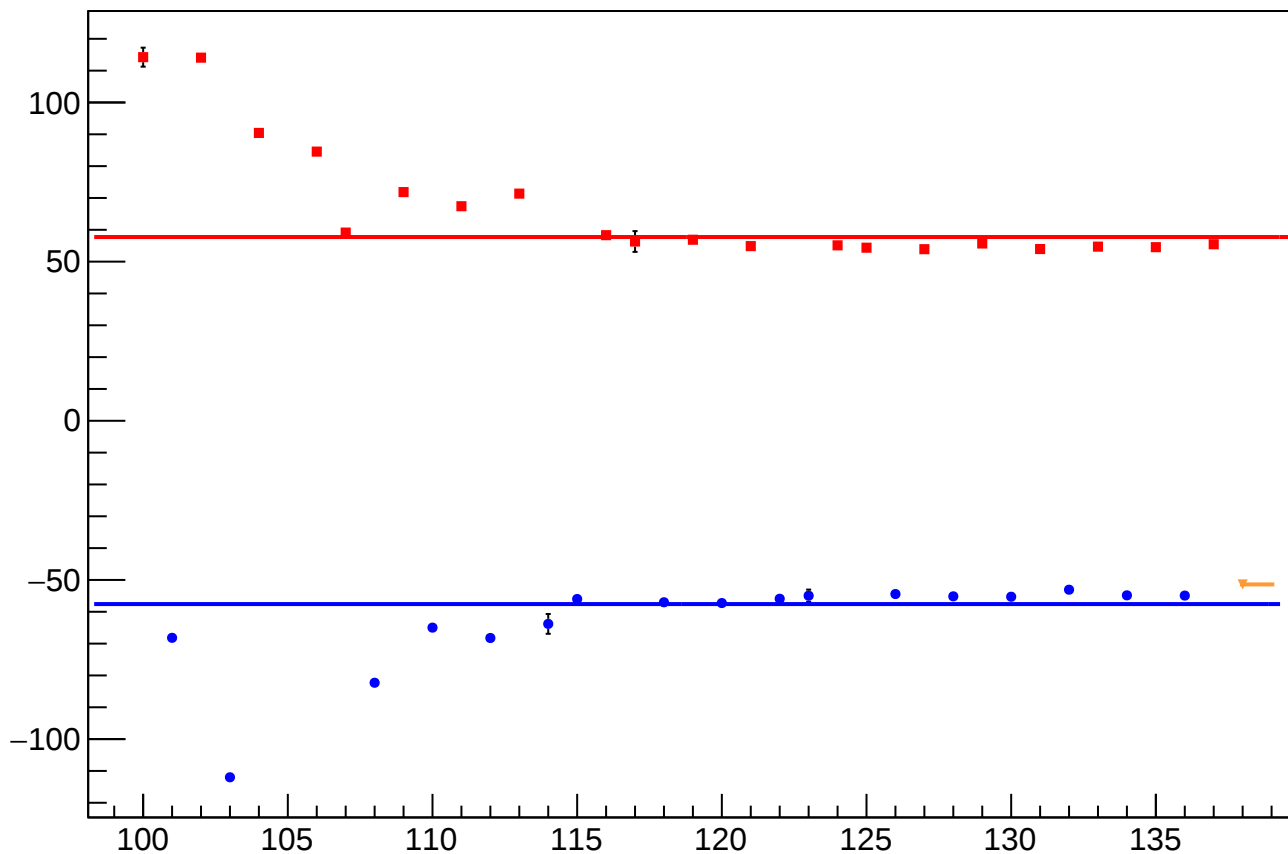
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-7.034+/-0.276 χ^2/NDF : 0.0/0

-7.034+/-0.276 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.581 ± 0.143 χ^2/NDF : 3455.5/16

Left Out: -51.404 ± 0.322 χ^2/NDF : 0.0/0

Right Out: 57.730 ± 0.143 χ^2/NDF : 4698.7/19

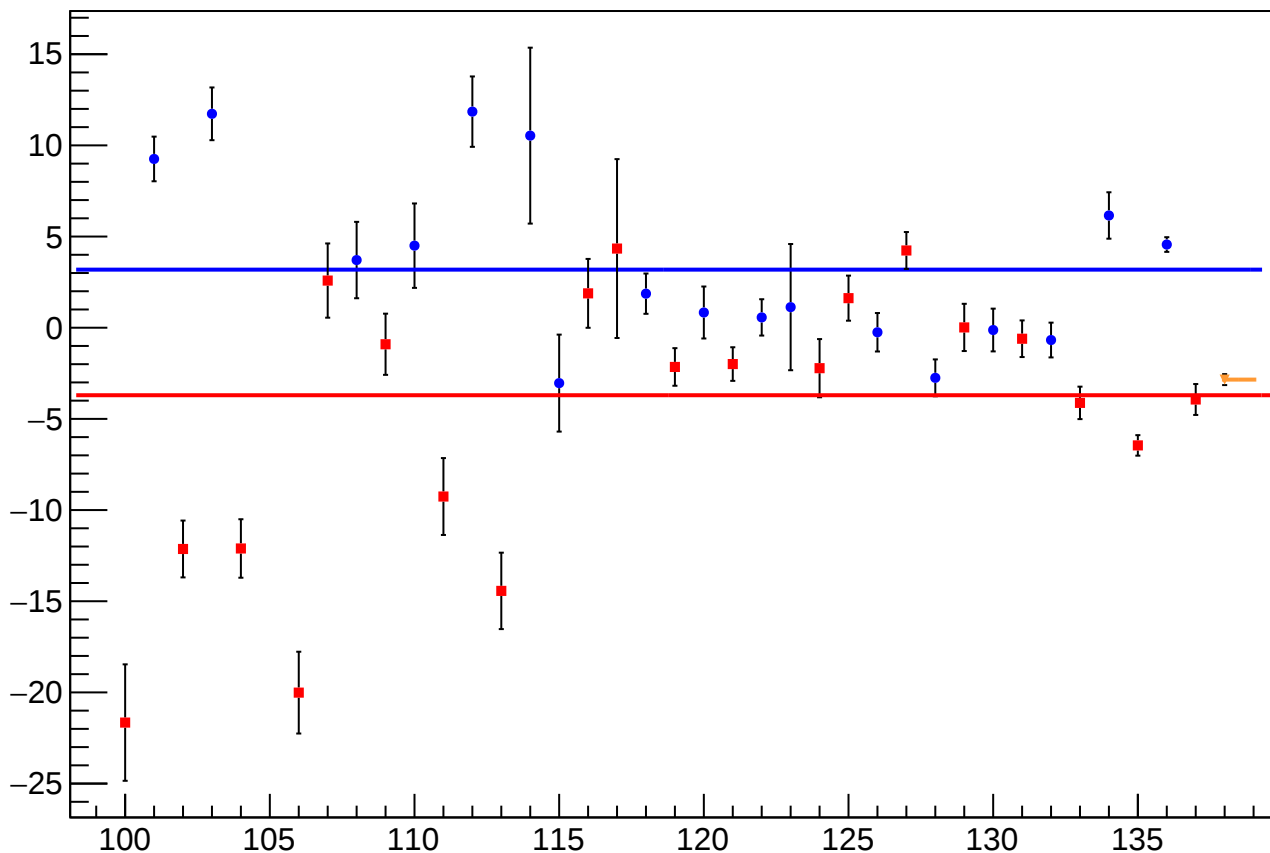
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-56.564 ± 0.131 χ^2/NDF : 3762.3/17

-4.457 ± 0.096 χ^2/NDF : 356847.3/37

57.730 ± 0.143 χ^2/NDF : 4698.7/19

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.185+/-0.259 χ^2/NDF : 185.8/16

Left Out: -2.845+/-0.300 χ^2/NDF : 0.0/0

Right Out: -3.702+/-0.267 χ^2/NDF : 326.8/19

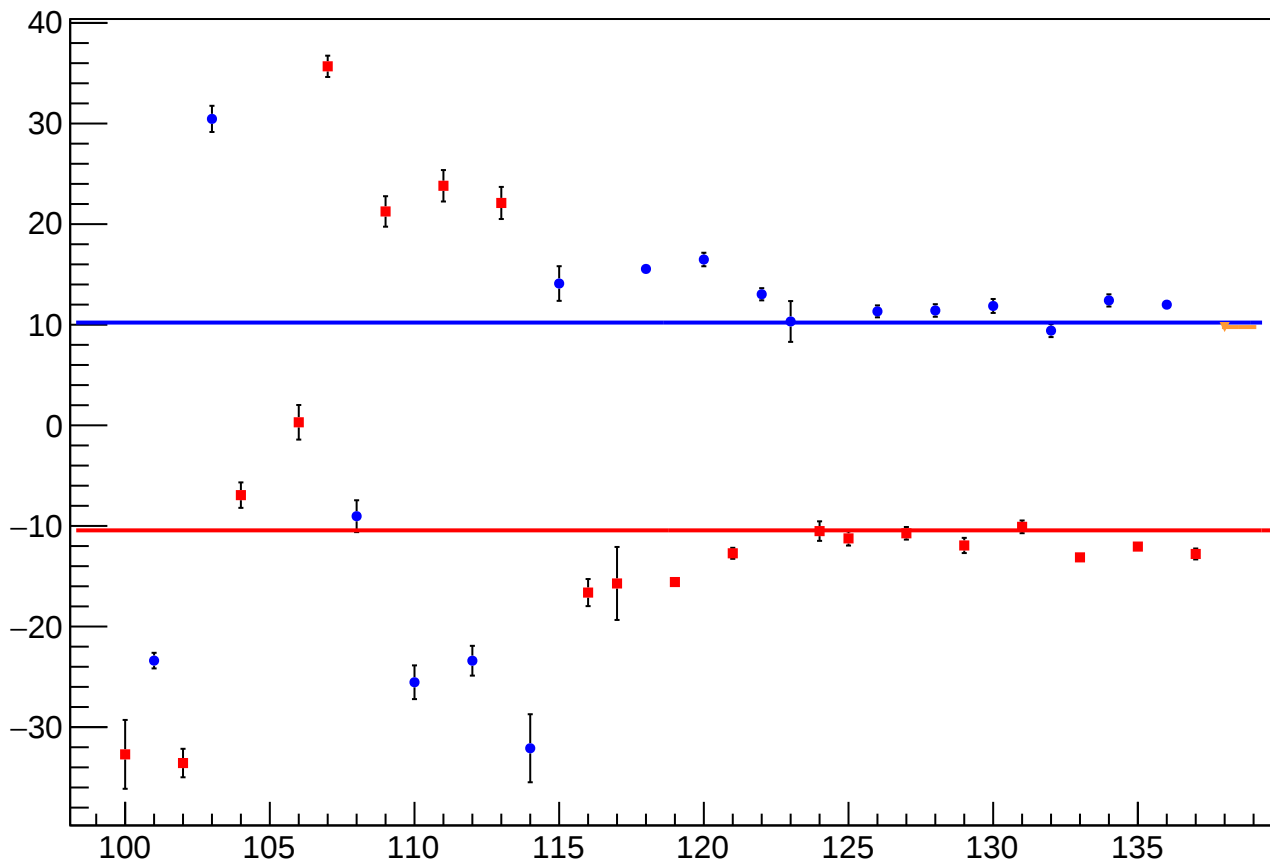
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.611+/-0.196 χ^2/NDF : 417.2/17

-0.899+/-0.158 χ^2/NDF : 913.4/37

-3.702+/-0.267 χ^2/NDF : 326.8/19

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.215 $\pm$ 0.158 χ^2 /NDF: 3692.6/16

Left Out: 9.767 $\pm$ 0.354 χ^2 /NDF: 0.0/0

Right Out: -10.440 $\pm$ 0.160 χ^2 /NDF: 3829.1/19

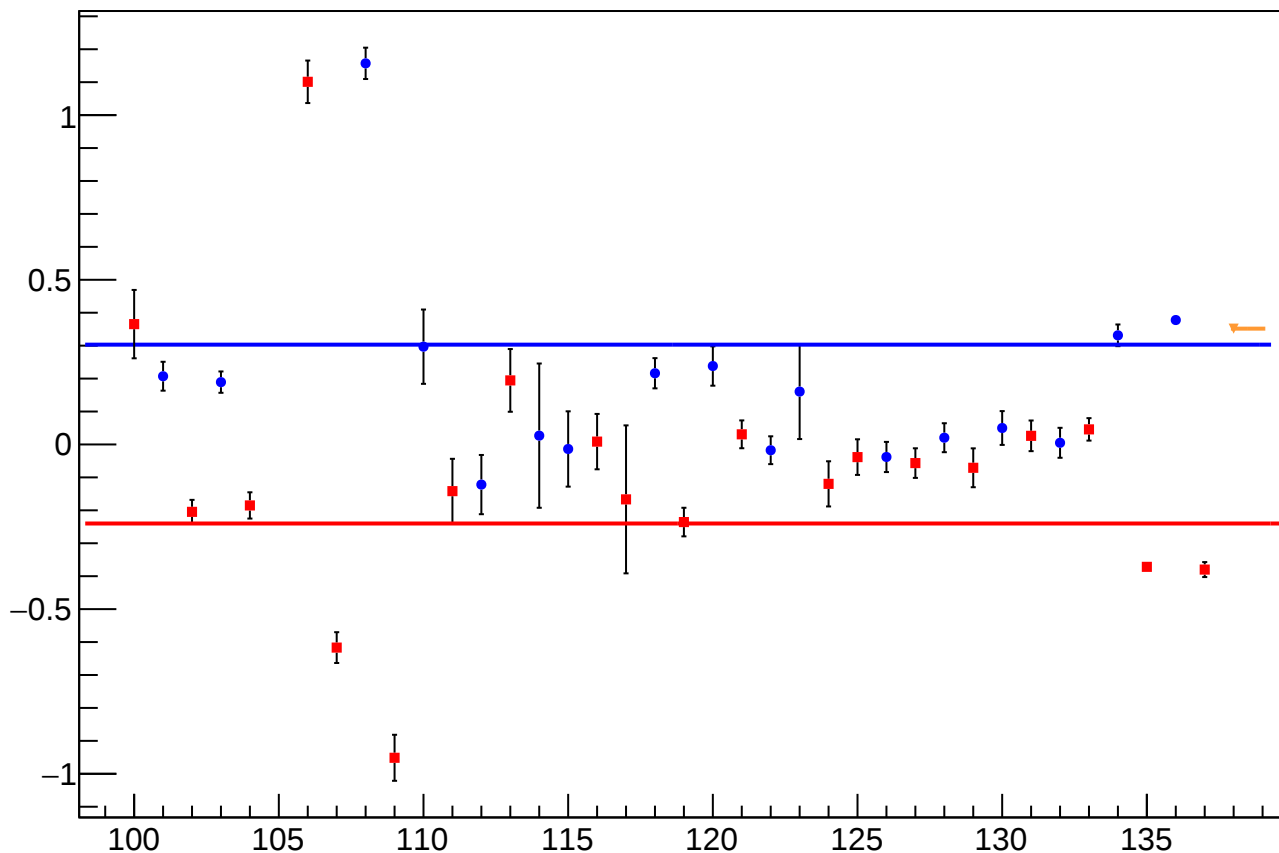
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

10.140 $\pm$ 0.144 χ^2 /NDF: 3694.0/17

0.899 $\pm$ 0.107 χ^2 /NDF: 16654.3/37

-10.440 $\pm$ 0.160 χ^2 /NDF: 3829.1/19

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 ± 0.008 χ^2/NDF : 646.3/16

Left Out: 0.352 ± 0.012 χ^2/NDF : 0.0/0

Right Out: -0.240 ± 0.009 χ^2/NDF : 984.5/19

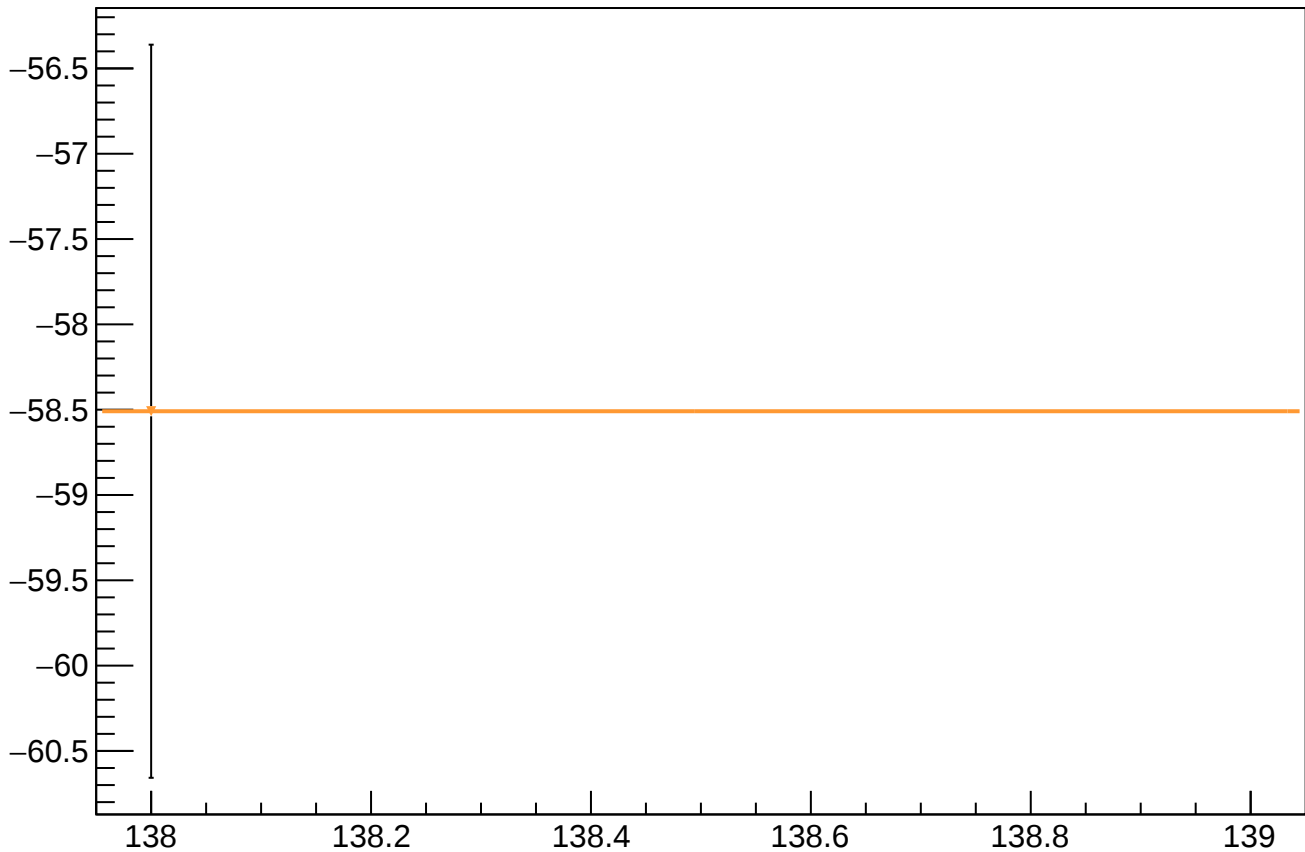
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.319 ± 0.007 χ^2/NDF : 658.1/17

0.106 ± 0.005 χ^2/NDF : 4310.5/37

-0.240 ± 0.009 χ^2/NDF : 984.5/19

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -58.509+/-2.148 χ^2/NDF : 0.0/0

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

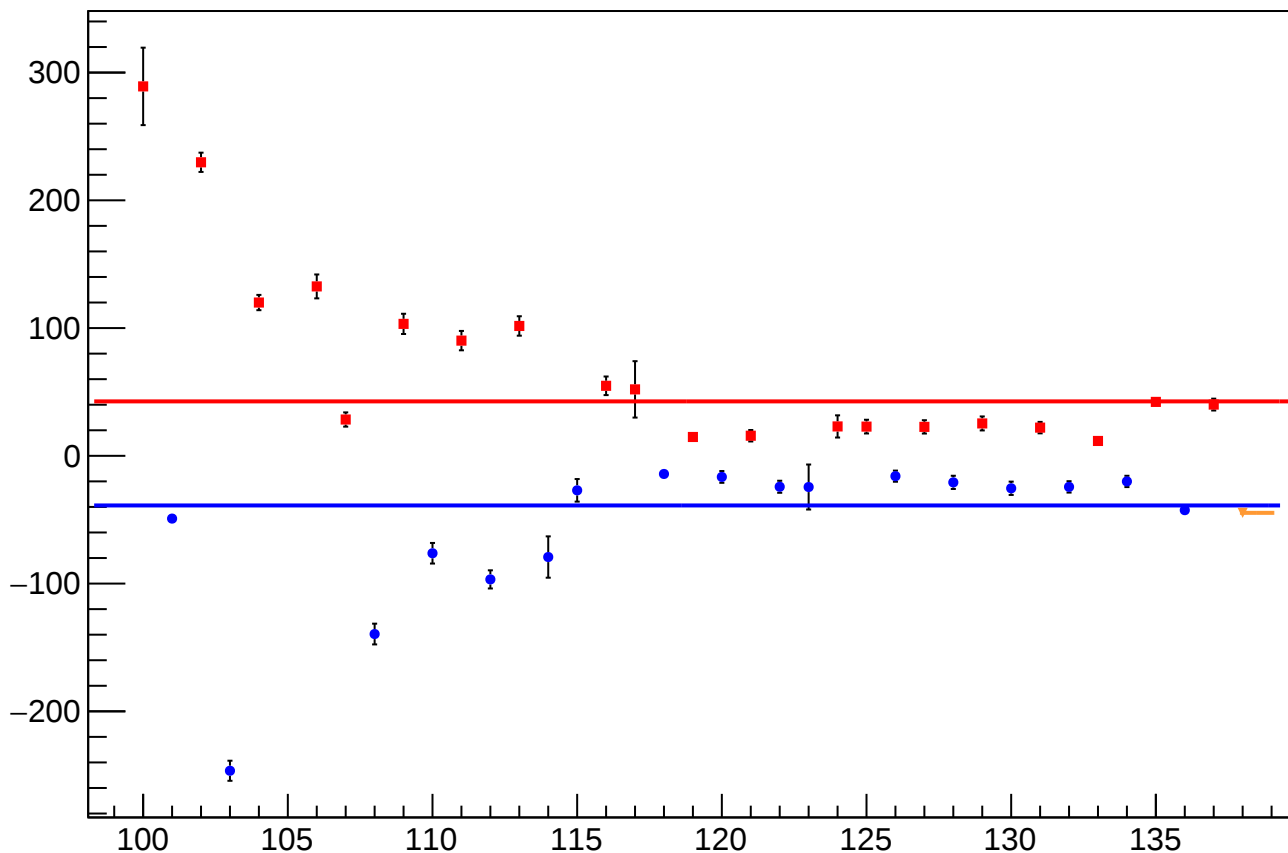
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-58.509+/-2.148 χ^2/NDF : 0.0/0

-58.509+/-2.148 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.844 ± 1.148 χ^2/NDF : 1121.9/16

Left Out: -44.638 ± 2.106 χ^2/NDF : 0.0/0

Right Out: 42.614 ± 1.208 χ^2/NDF : 1345.9/19

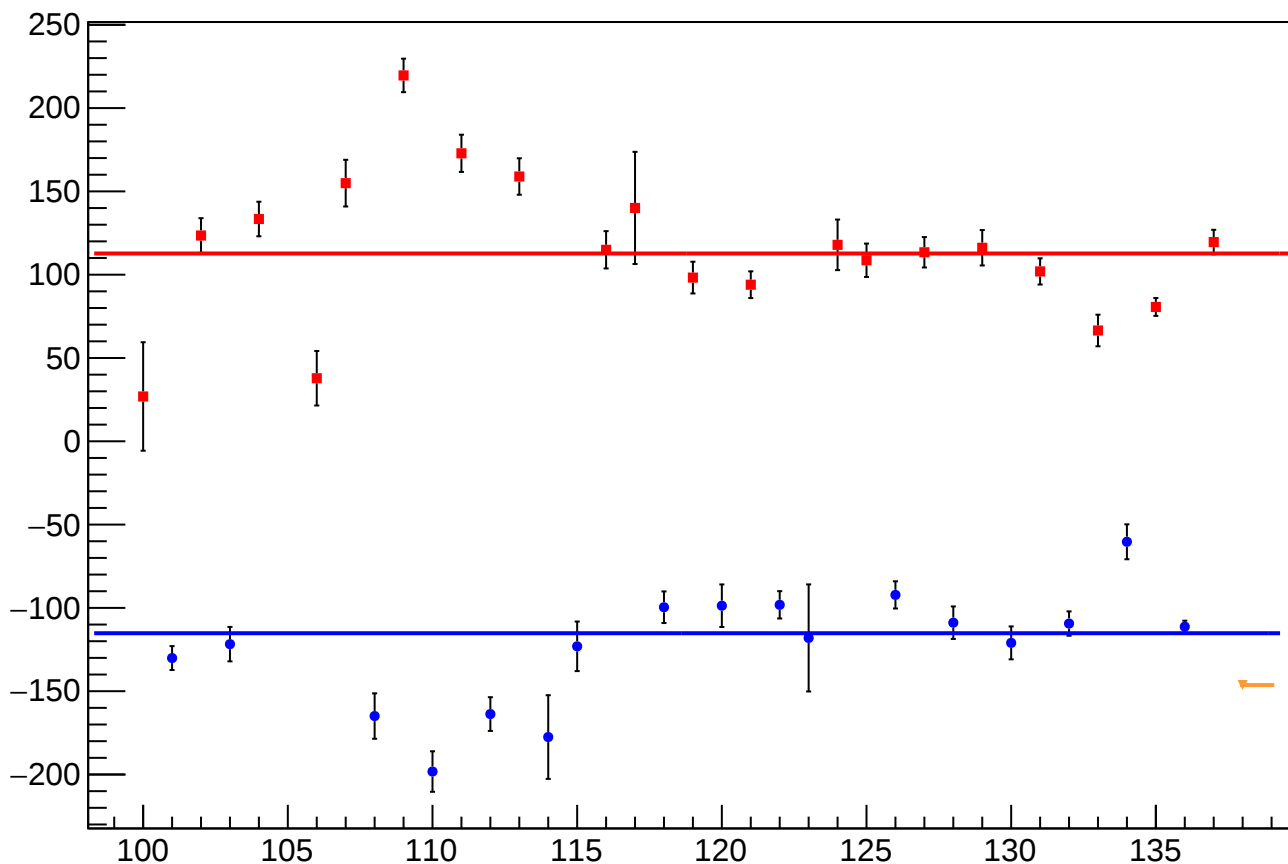
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-40.172 ± 1.008 χ^2/NDF : 1127.8/17

-6.192 ± 0.774 χ^2/NDF : 5240.8/37

42.614 ± 1.208 χ^2/NDF : 1345.9/19

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -115.199 ± 2.081 χ^2/NDF : 140.8/16

Left Out: -146.314 ± 2.329 χ^2/NDF : 0.0/0

Right Out: 112.729 ± 2.205 χ^2/NDF : 273.1/19

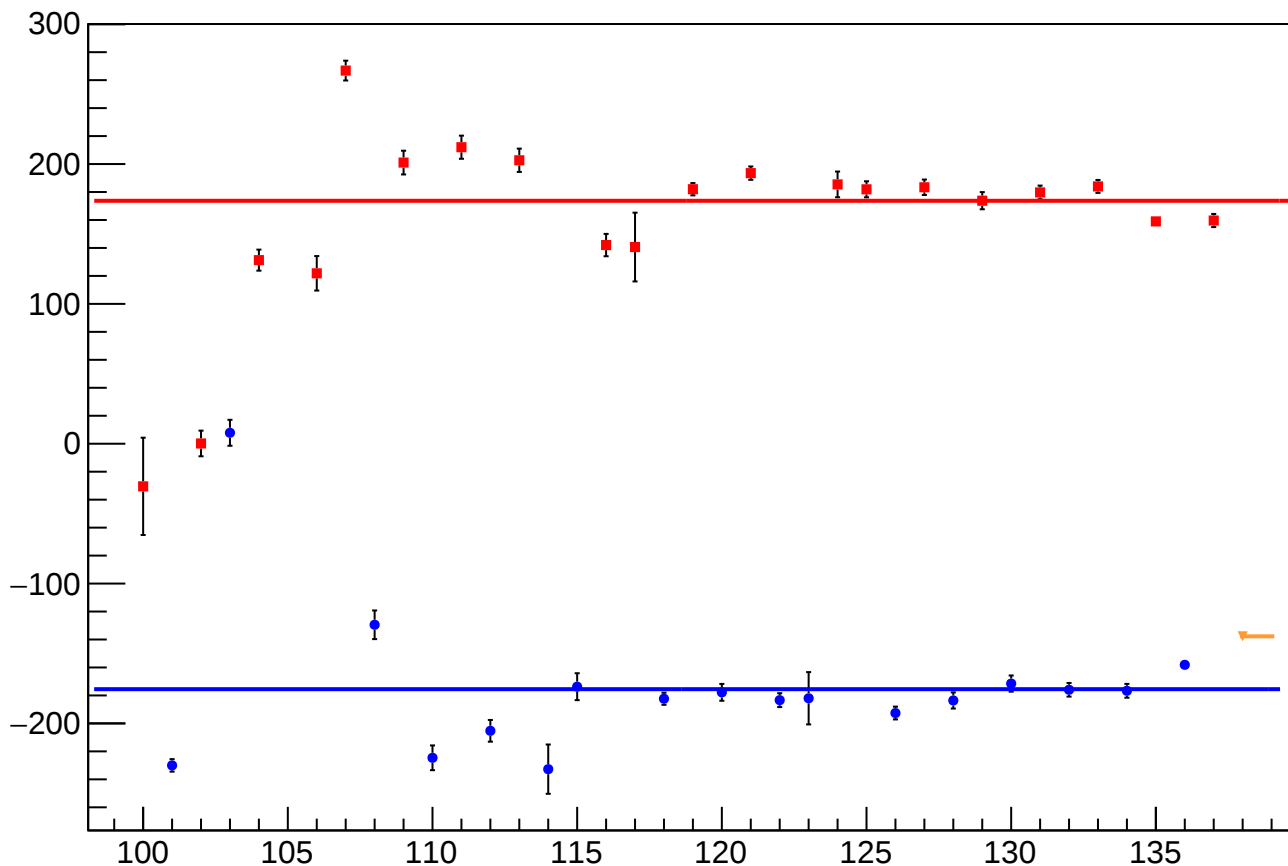
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-129.016 ± 1.552 χ^2/NDF : 240.0/17

-48.915 ± 1.269 χ^2/NDF : 8553.2/37

112.729 ± 2.205 χ^2/NDF : 273.1/19

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.521 ± 1.277 χ^2/NDF : 692.3/16

Left Out: -137.730 ± 2.424 χ^2/NDF : 0.0/0

Right Out: 173.729 ± 1.354 χ^2/NDF : 739.7/19

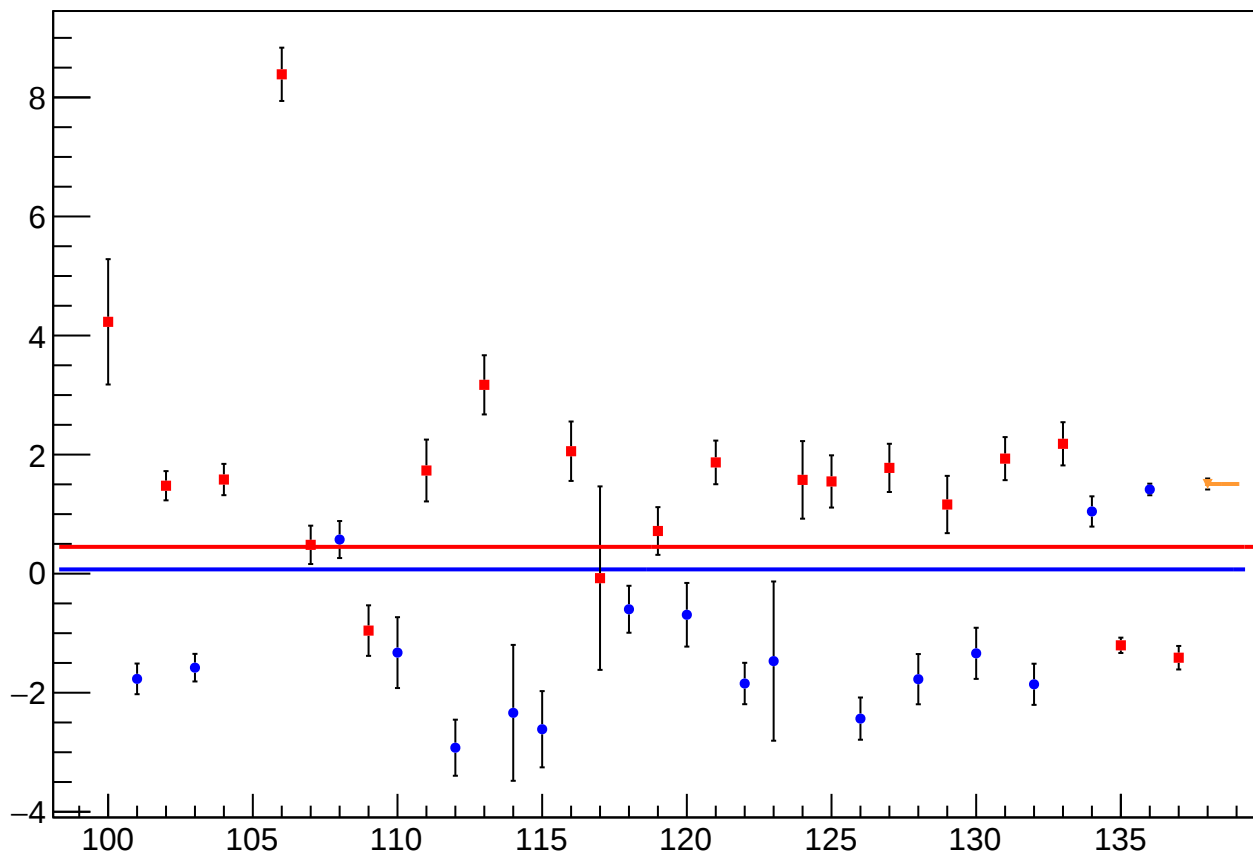
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-167.310 ± 1.130 χ^2/NDF : 882.6/17

-27.371 ± 0.868 χ^2/NDF : 39005.0/37

173.729 ± 1.354 χ^2/NDF : 739.7/19

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.072 $\pm$ 0.067 χ^2 /NDF: 525.2/16

Left Out: 1.506 $\pm$ 0.092 χ^2 /NDF: 0.0/0

Right Out: 0.450 $\pm$ 0.071 χ^2 /NDF: 751.4/19

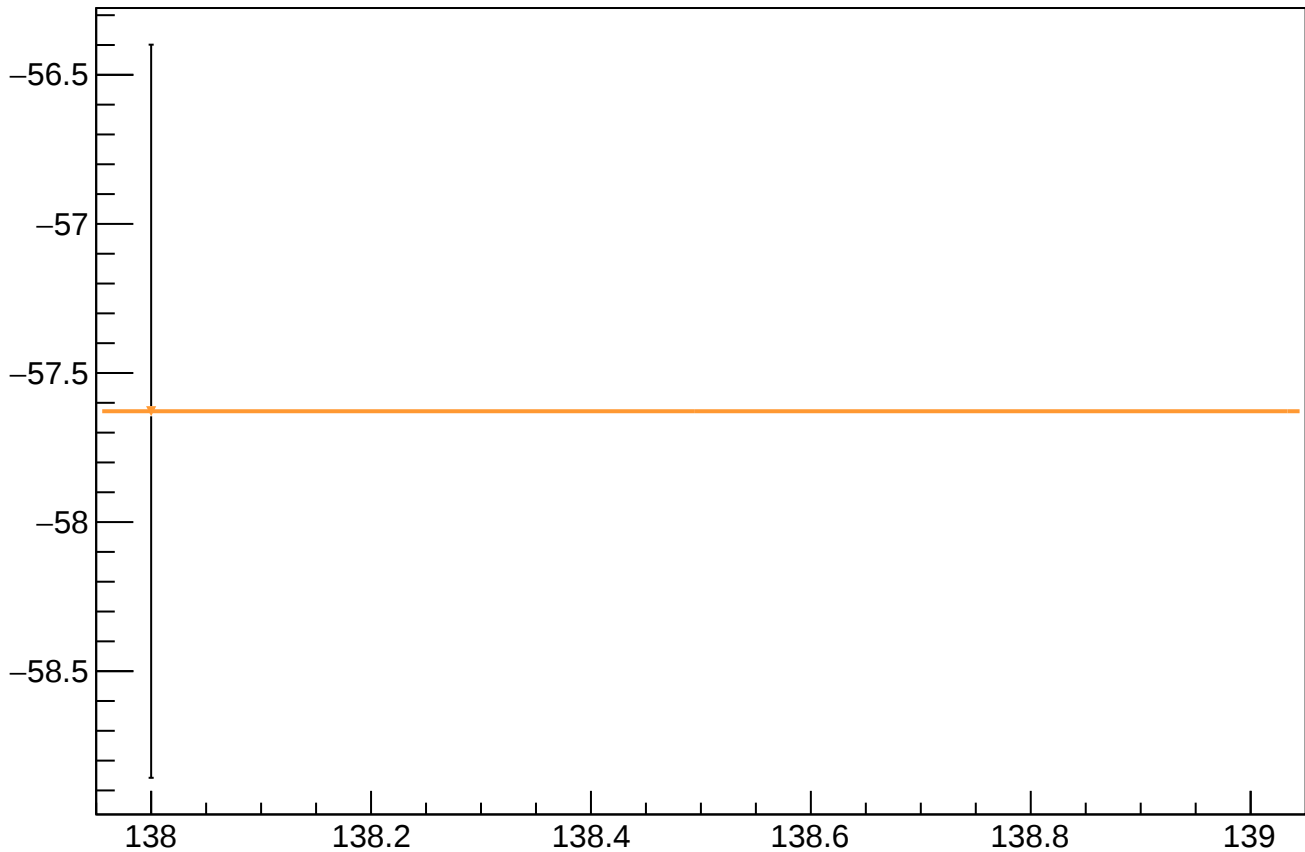
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.568 $\pm$ 0.054 χ^2 /NDF: 683.0/17

0.524 $\pm$ 0.043 χ^2 /NDF: 1436.2/37

0.450 $\pm$ 0.071 χ^2 /NDF: 751.4/19

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -57.628+/-1.229 χ^2/NDF : 0.0/0

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

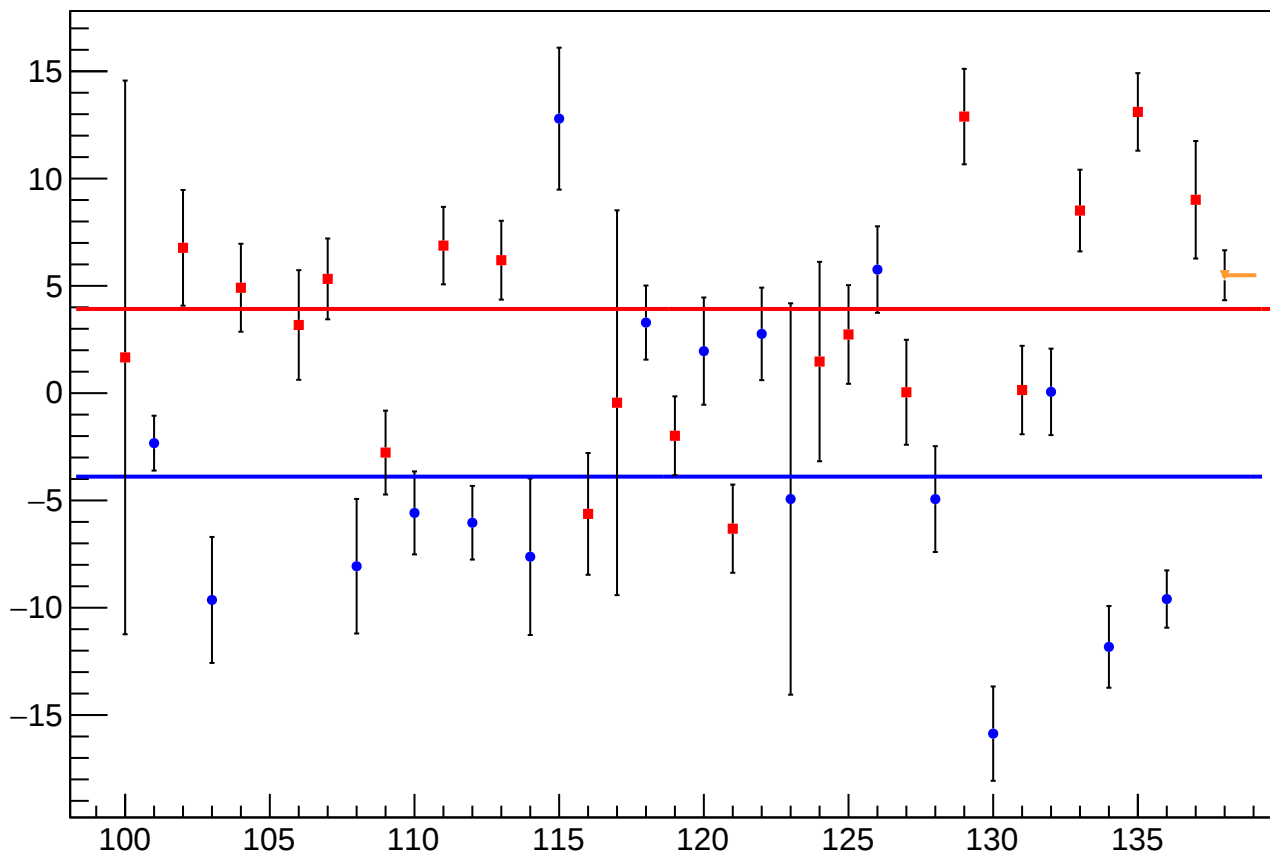
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-57.628+/-1.229 χ^2/NDF : 0.0/0

-57.628+/-1.229 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.890 ± 0.498 χ^2/NDF : 160.5/16

Left Out: 5.495 ± 1.164 χ^2/NDF : 0.0/0

Right Out: 3.923 ± 0.506 χ^2/NDF : 122.4/19

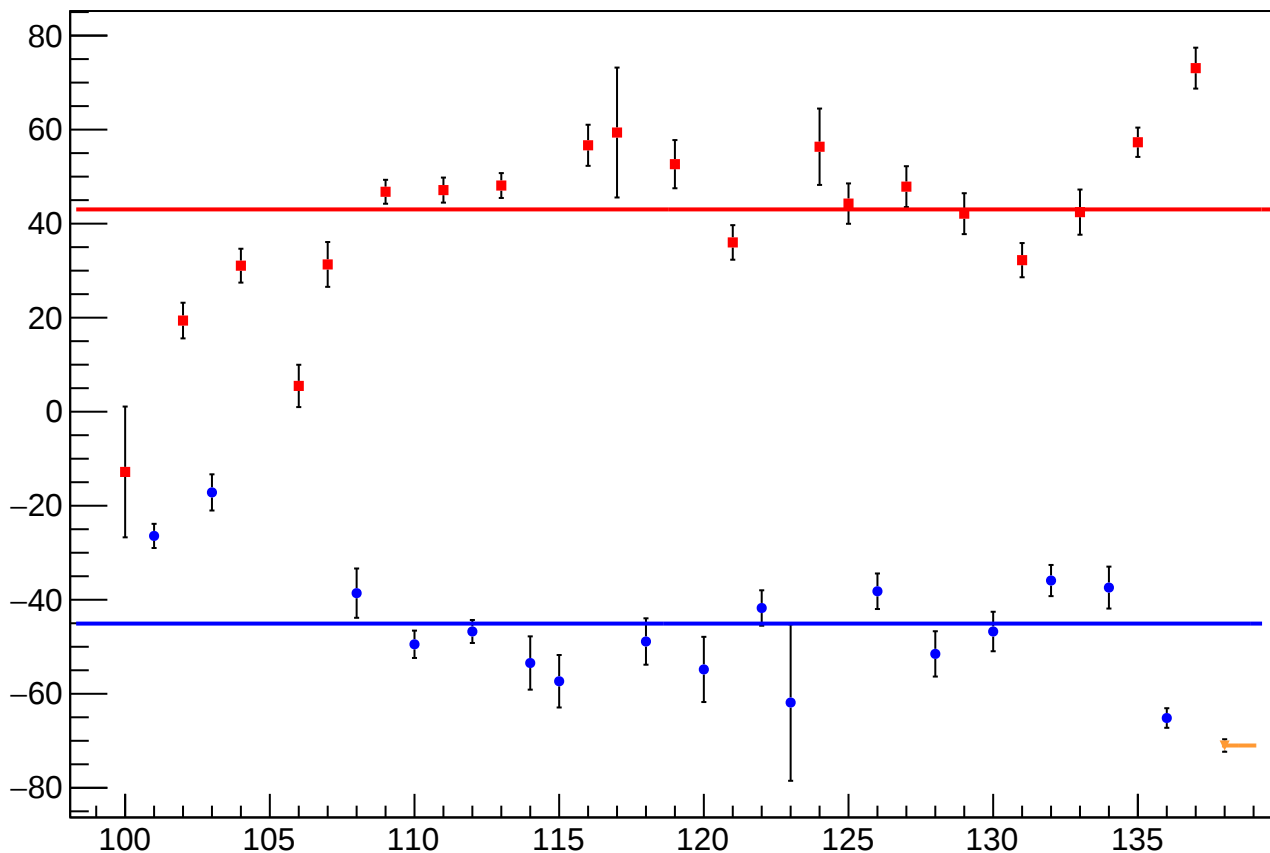
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2.436 ± 0.458 χ^2/NDF : 215.4/17

0.429 ± 0.340 χ^2/NDF : 424.6/37

3.923 ± 0.506 χ^2/NDF : 122.4/19

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.070 $\pm$ 0.883 χ^2 /NDF: 229.7/16

Left Out: -71.002 $\pm$ 1.332 χ^2 /NDF: 0.0/0

Right Out: 43.025 $\pm$ 0.876 χ^2 /NDF: 249.7/19

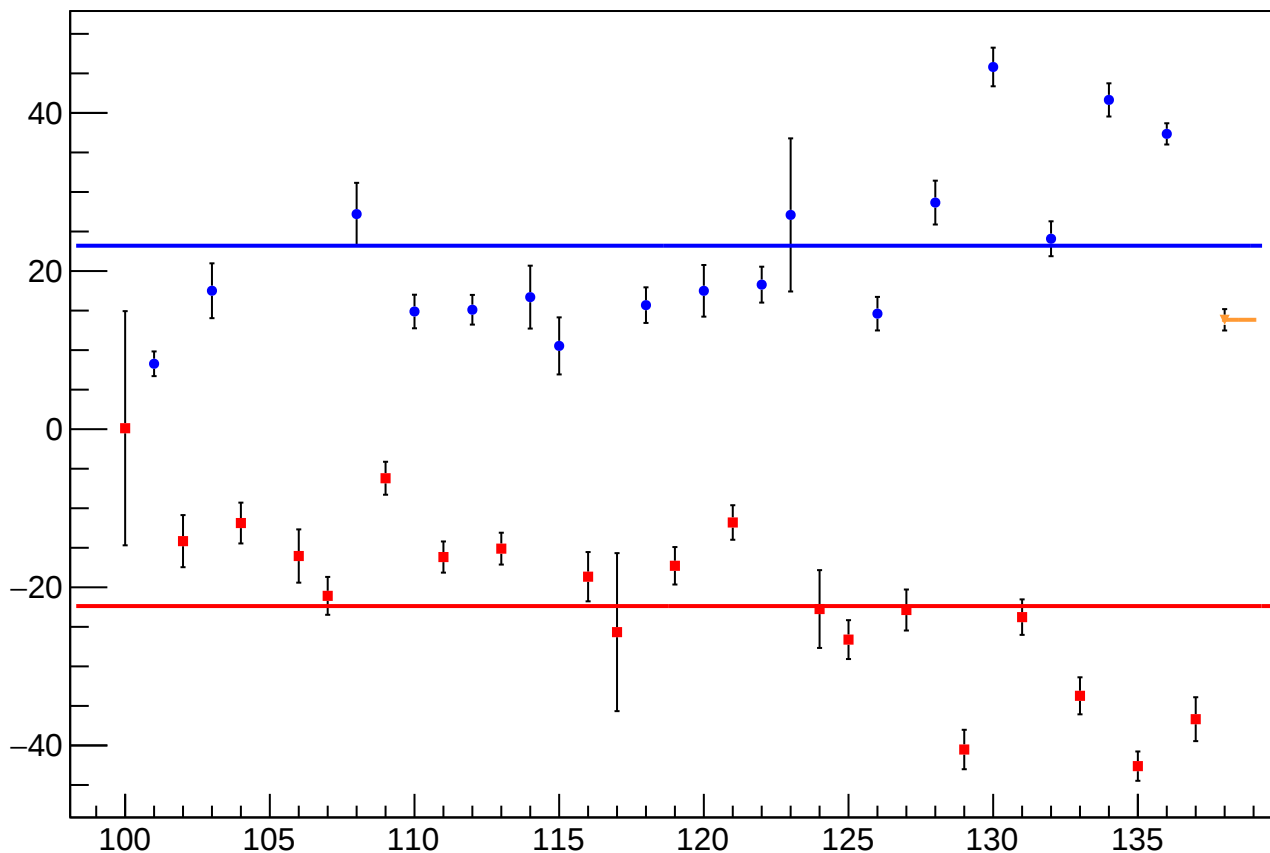
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-52.991 $\pm$ 0.736 χ^2 /NDF: 492.9/17

-13.253 $\pm$ 0.564 χ^2 /NDF: 7782.9/37

43.025 $\pm$ 0.876 χ^2 /NDF: 249.7/19

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.205 $\pm$ 0.559 χ^2 /NDF: 457.3/16

Left Out: 13.835 $\pm$ 1.352 χ^2 /NDF: 0.0/0

Right Out: -22.372 $\pm$ 0.572 χ^2 /NDF: 367.0/19

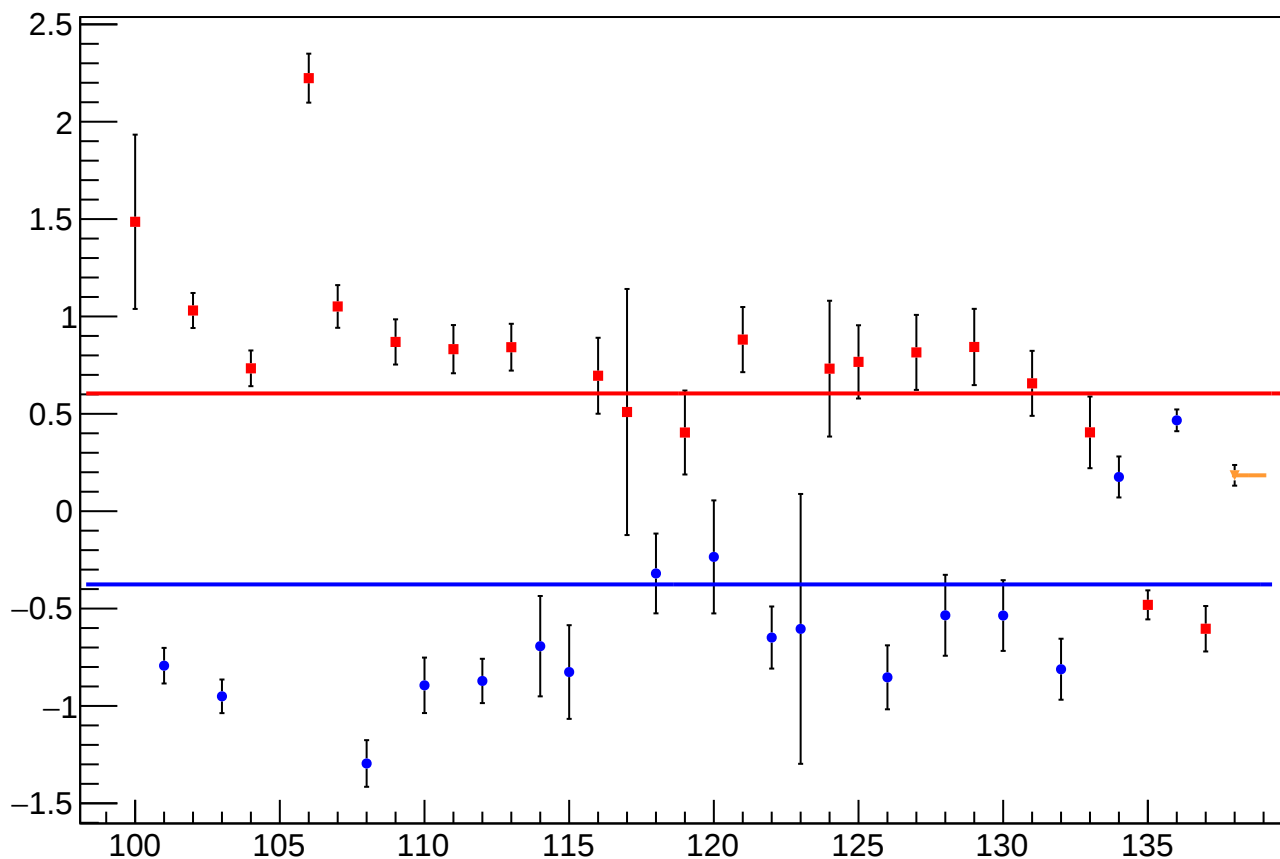
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

21.838 $\pm$ 0.516 χ^2 /NDF: 498.3/17

1.972 $\pm$ 0.383 χ^2 /NDF: 4159.6/37

-22.372 $\pm$ 0.572 χ^2 /NDF: 367.0/19

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.376 ± 0.030 $\chi^2/\text{NDF}: 437.3/16$

Left Out: 0.184 ± 0.053 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.605 ± 0.030 $\chi^2/\text{NDF}: 551.2/19$

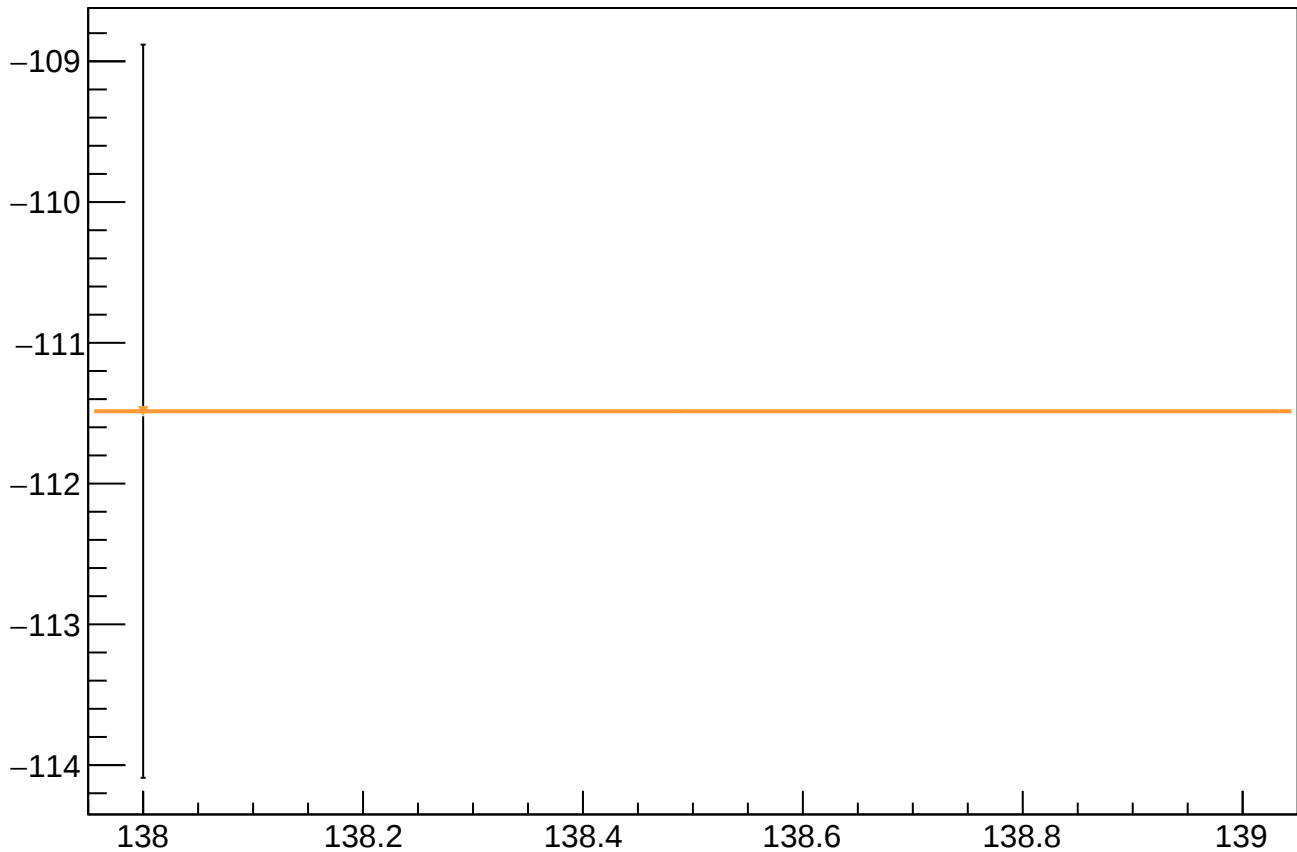
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.240 ± 0.026 $\chi^2/\text{NDF}: 521.5/17$

0.123 ± 0.020 $\chi^2/\text{NDF}: 1518.7/37$

0.605 ± 0.030 $\chi^2/\text{NDF}: 551.2/19$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -111.486+/-2.604 χ^2/NDF : 0.0/0

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

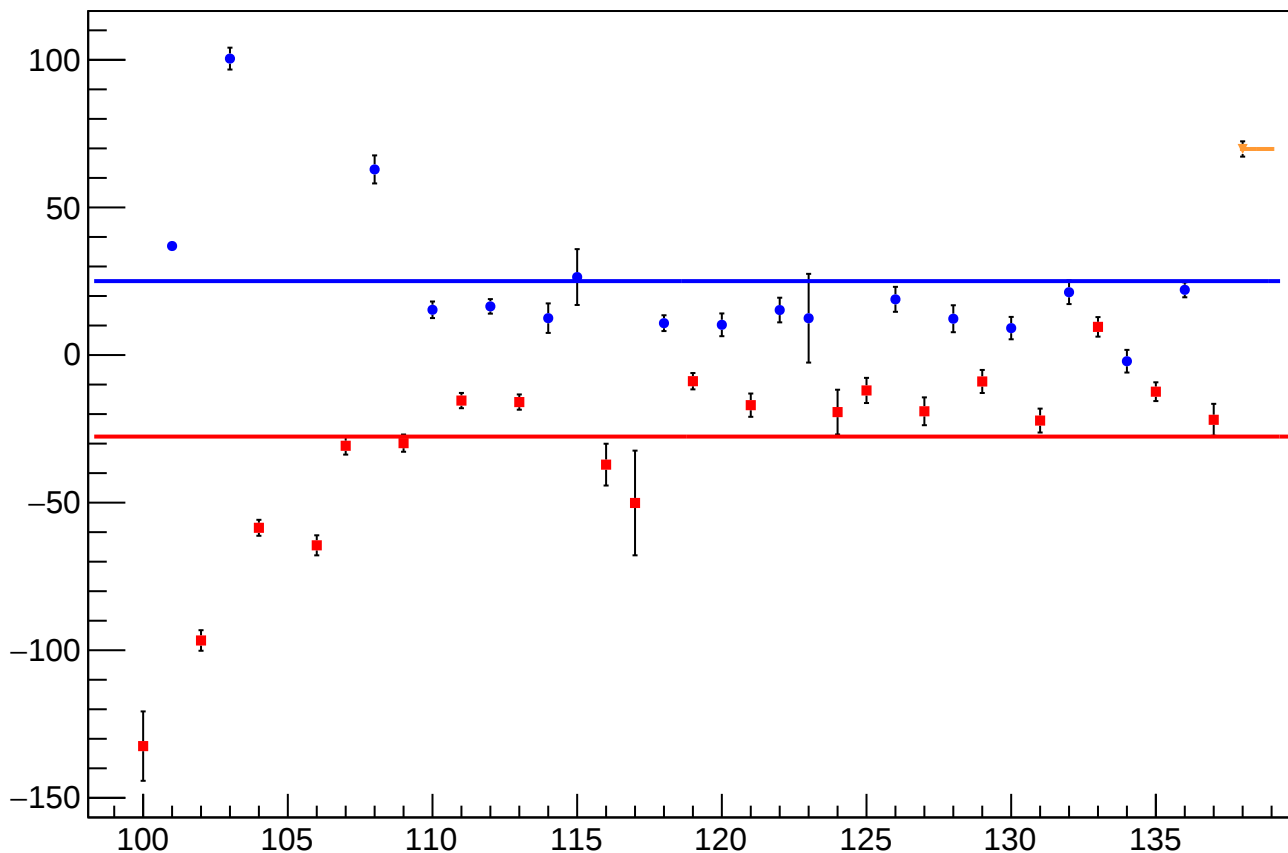
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-111.486+/-2.604 χ^2/NDF : 0.0/0

-111.486+/-2.604 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 25.045 $\pm$ 0.806 χ^2 /NDF: 686.4/16

Left Out: 69.806 $\pm$ 2.593 χ^2 /NDF: 0.0/0

Right Out: -27.620 $\pm$ 0.809 χ^2 /NDF: 1014.4/19

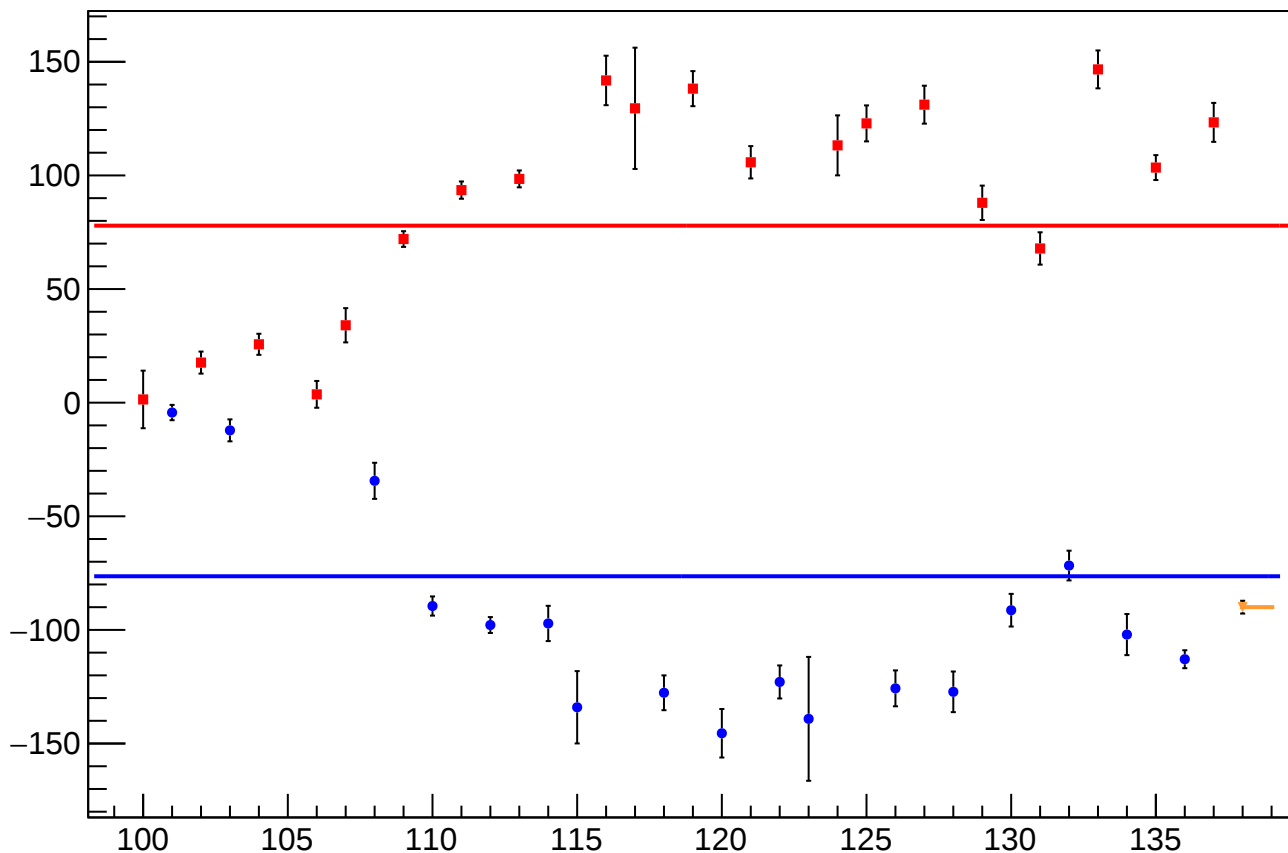
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

28.992 $\pm$ 0.770 χ^2 /NDF: 958.2/17

2.091 $\pm$ 0.558 χ^2 /NDF: 4542.0/37

-27.620 $\pm$ 0.809 χ^2 /NDF: 1014.4/19

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.392 ± 1.416 $\chi^2/\text{NDF}: 1031.9/16$

Left Out: -89.988 ± 2.823 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 77.894 ± 1.351 $\chi^2/\text{NDF}: 876.4/19$

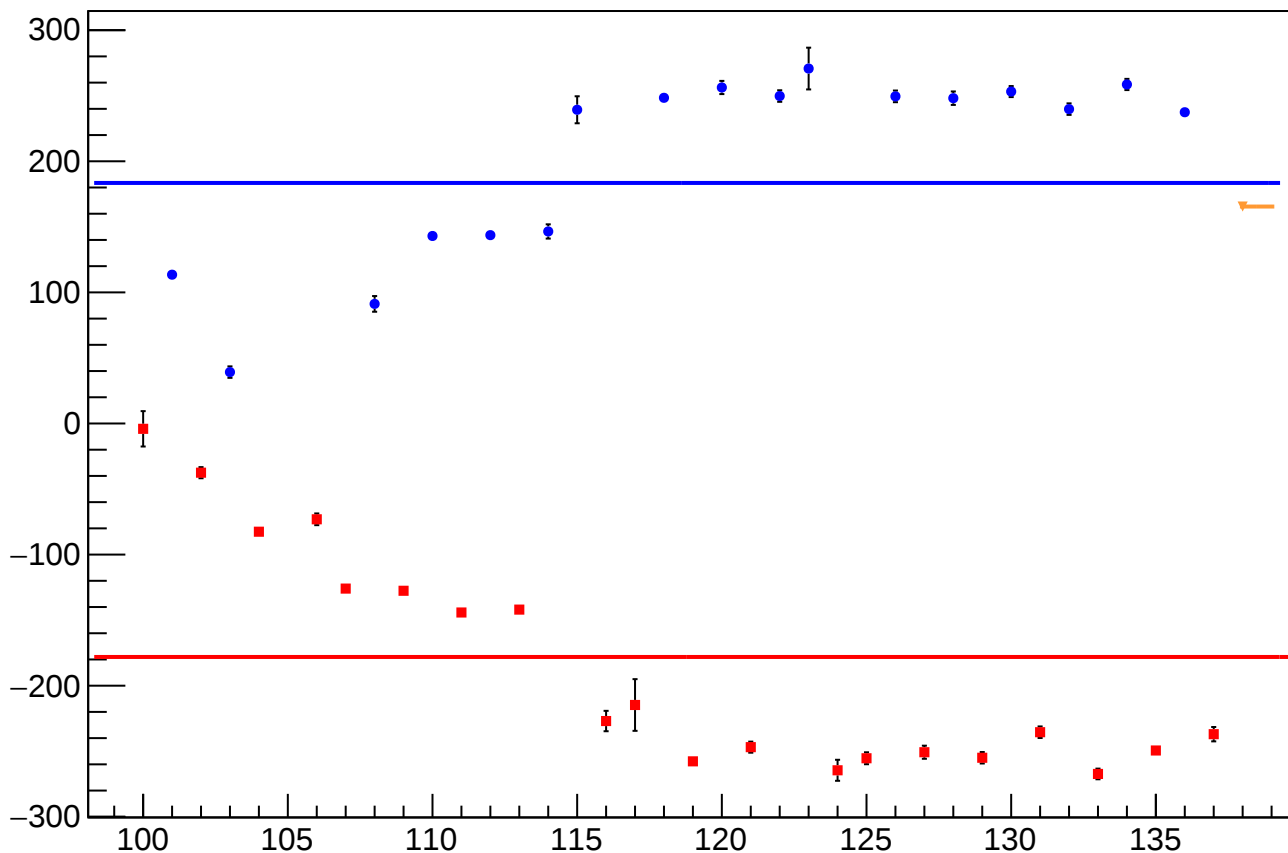
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-79.126 ± 1.266 $\chi^2/\text{NDF}: 1050.5/17$

-5.725 ± 0.924 $\chi^2/\text{NDF}: 9119.7/37$

77.894 ± 1.351 $\chi^2/\text{NDF}: 876.4/19$

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 183.478+/-0.919 χ^2/NDF : 5331.4/16

Left Out: 165.473+/-2.973 χ^2/NDF : 0.0/0

Right Out: -178.092+/-0.923 χ^2/NDF : 6349.2/19

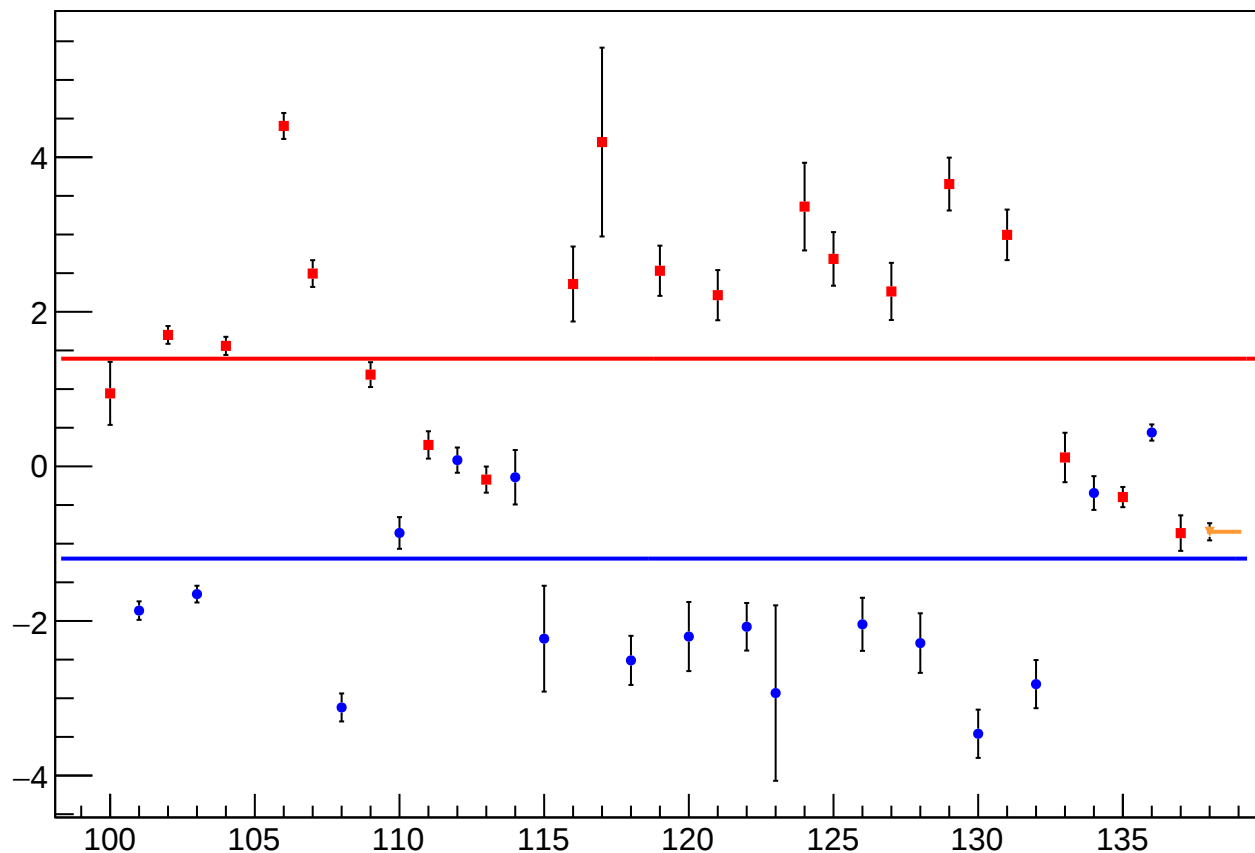
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

181.909+/-0.878 χ^2/NDF : 5364.9/17

10.949+/-0.636 χ^2/NDF : 91612.6/37

-178.092+/-0.923 χ^2/NDF : 6349.2/19

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.193 ± 0.048 χ^2/NDF : 621.7/16

Left Out: -0.846 ± 0.111 χ^2/NDF : 0.0/0

Right Out: 1.393 ± 0.046 χ^2/NDF : 925.8/19

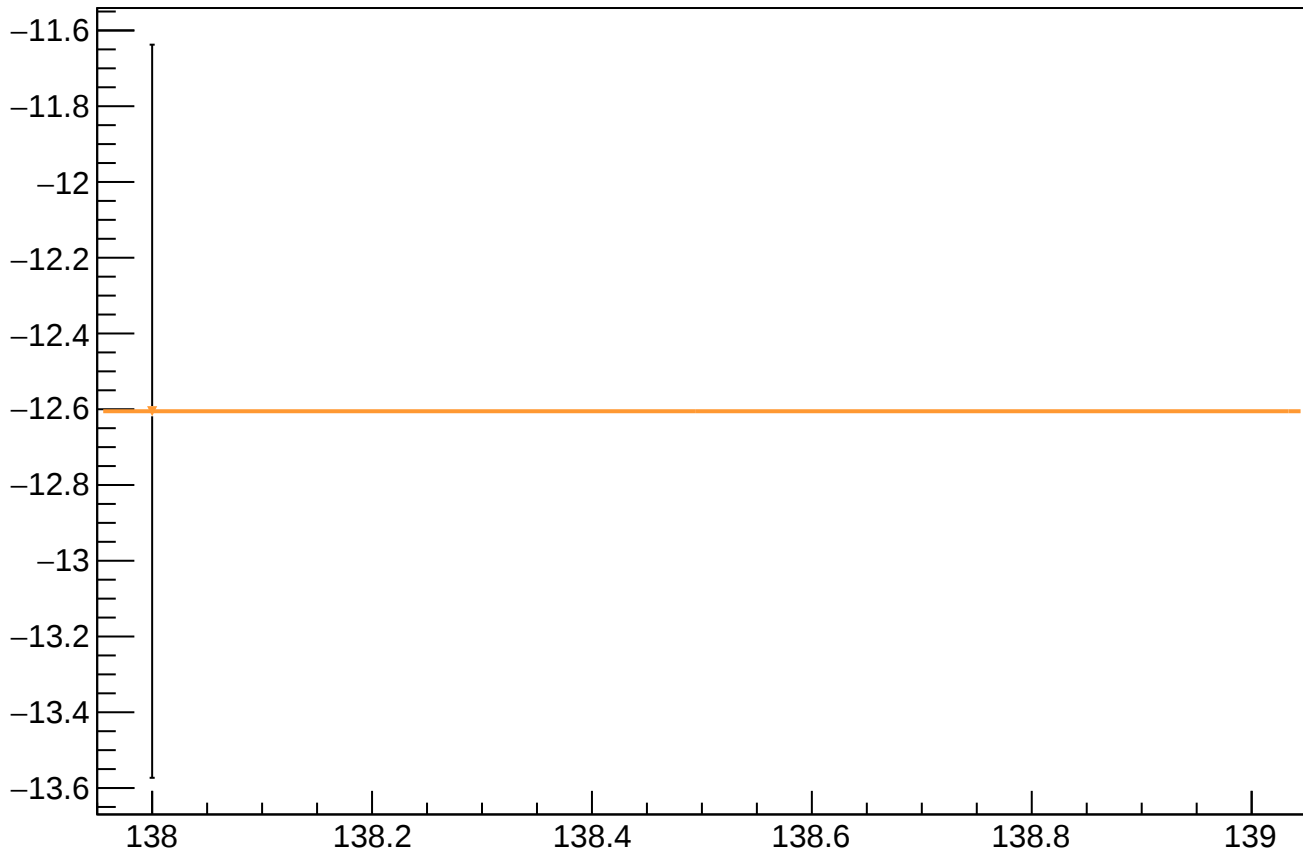
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.138 ± 0.044 χ^2/NDF : 629.8/17

0.083 ± 0.032 χ^2/NDF : 3137.7/37

1.393 ± 0.046 χ^2/NDF : 925.8/19

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -12.605+/-0.968 χ^2/NDF : 0.0/0

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

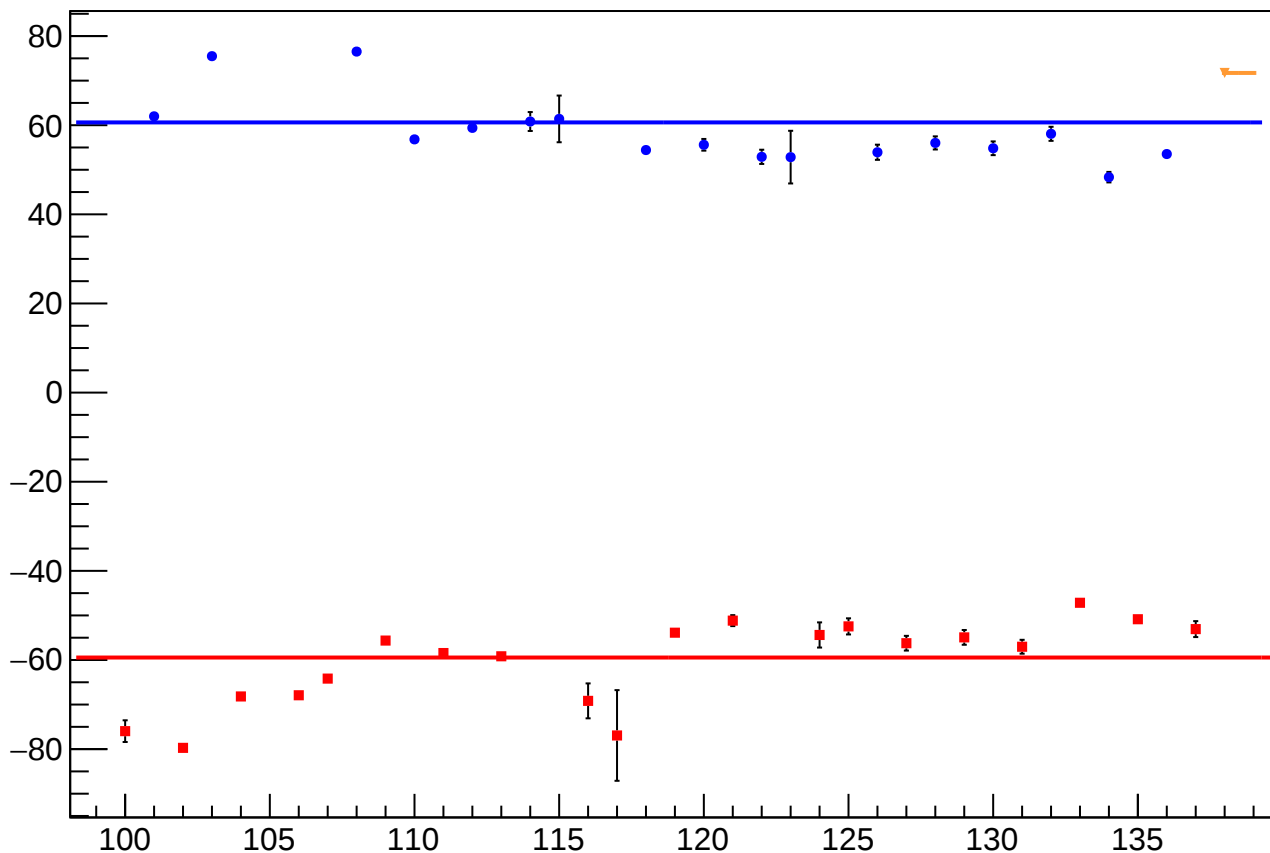
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-12.605+/-0.968 χ^2/NDF : 0.0/0

-12.605+/-0.968 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.625+/-0.263 χ^2/NDF : 924.6/16

Left Out: 71.727+/-1.041 χ^2/NDF : 0.0/0

Right Out: -59.448+/-0.248 χ^2/NDF : 1326.3/19

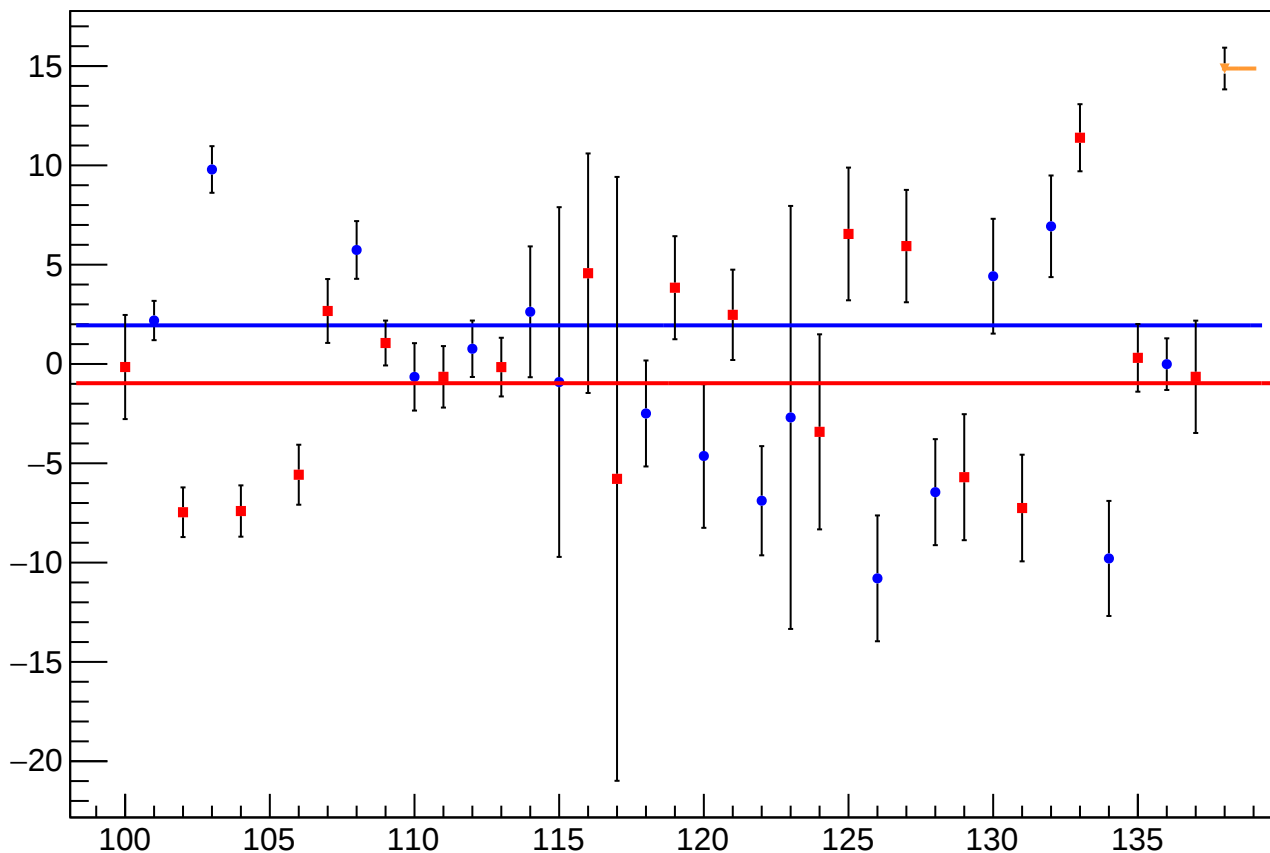
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

61.291+/-0.255 χ^2/NDF : 1031.4/17

-0.836+/-0.178 χ^2/NDF : 117688.0/37

-59.448+/-0.248 χ^2/NDF : 1326.3/19

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.945 ± 0.459 χ^2/NDF : 120.6/16

Left Out: 14.876 ± 1.050 χ^2/NDF : 0.0/0

Right Out: -0.968 ± 0.424 χ^2/NDF : 149.6/19

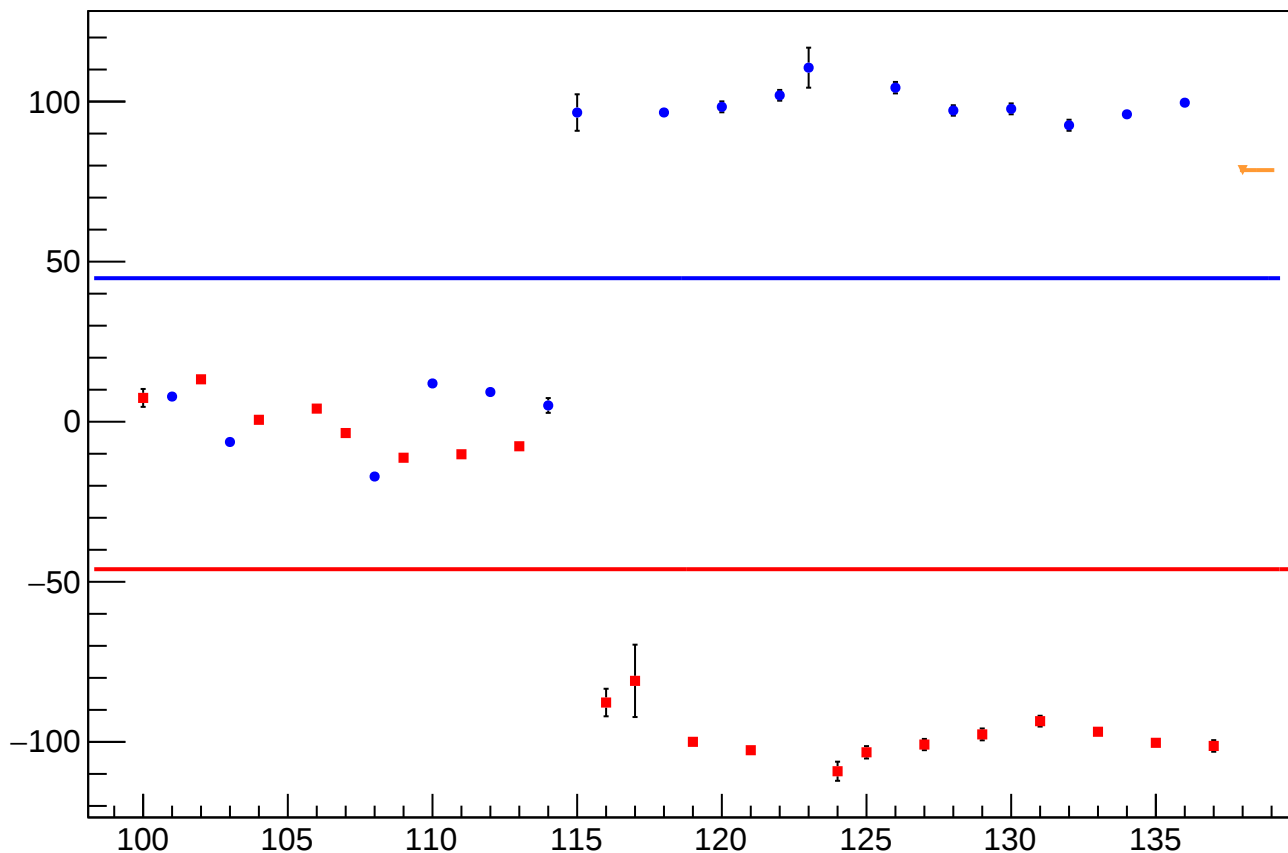
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

4.019 ± 0.420 χ^2/NDF : 248.0/17

1.548 ± 0.299 χ^2/NDF : 467.3/37

-0.968 ± 0.424 χ^2/NDF : 149.6/19

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 44.829+/-0.305 χ^2/NDF : 24763.1/16

Left Out: 78.587+/-1.169 χ^2/NDF : 0.0/0

Right Out: -46.062+/-0.289 χ^2/NDF : 28272.9/19

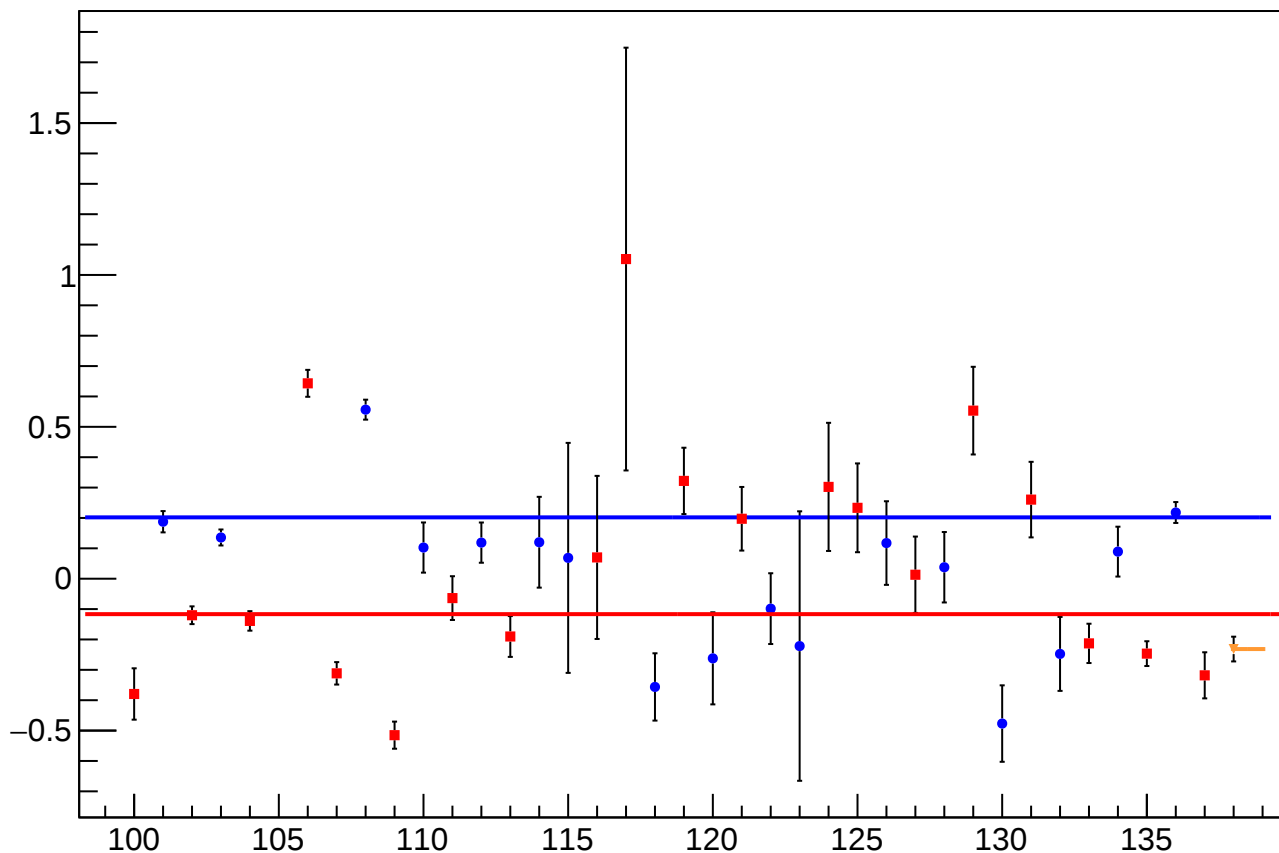
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

46.977+/-0.295 χ^2/NDF : 25544.3/17

-0.406+/-0.207 χ^2/NDF : 104543.9/37

-46.062+/-0.289 χ^2/NDF : 28272.9/19

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.014 χ^2/NDF : 216.0/16

Left Out: -0.232 ± 0.041 χ^2/NDF : 0.0/0

Right Out: -0.117 ± 0.013 χ^2/NDF : 502.5/19

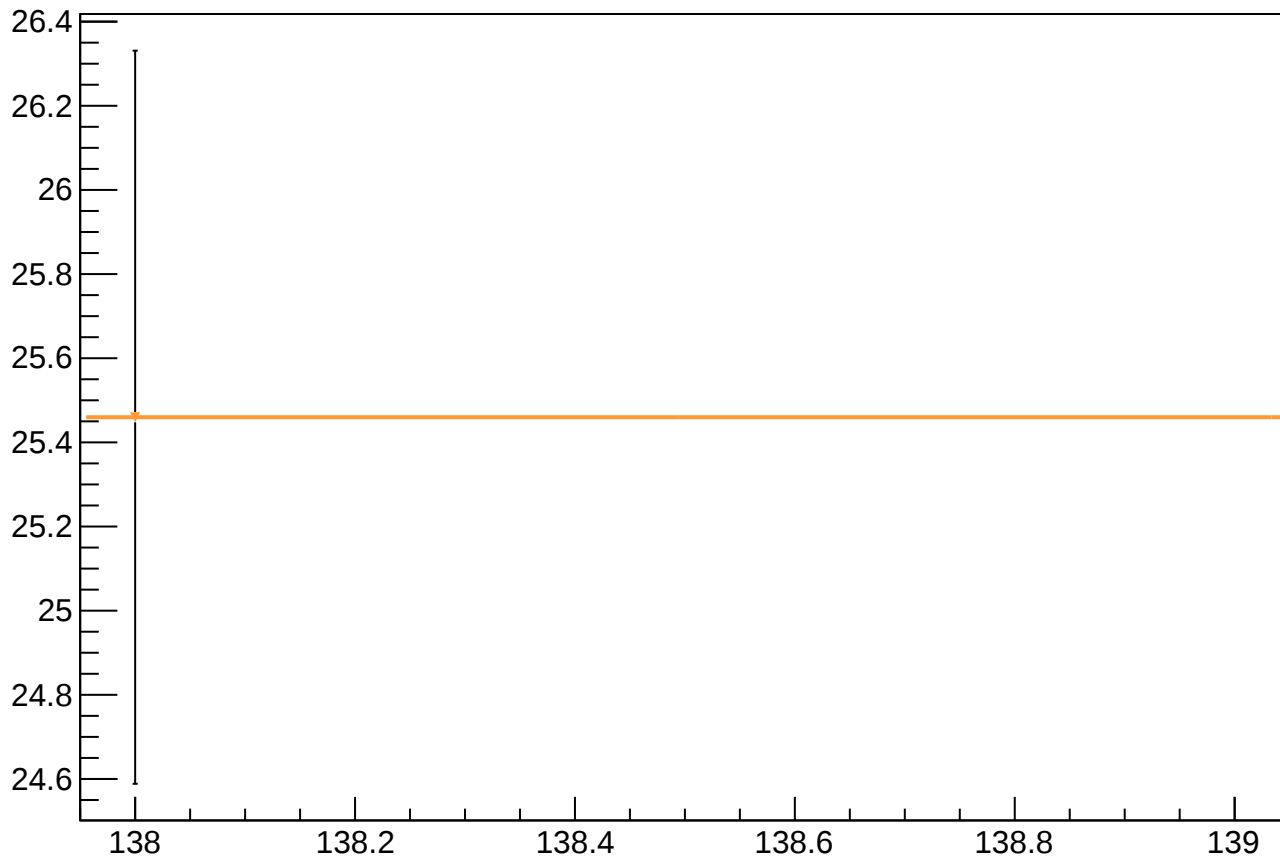
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.156 ± 0.013 χ^2/NDF : 317.2/17

0.017 ± 0.009 χ^2/NDF : 1034.1/37

-0.117 ± 0.013 χ^2/NDF : 502.5/19

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 25.460+/-0.871 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

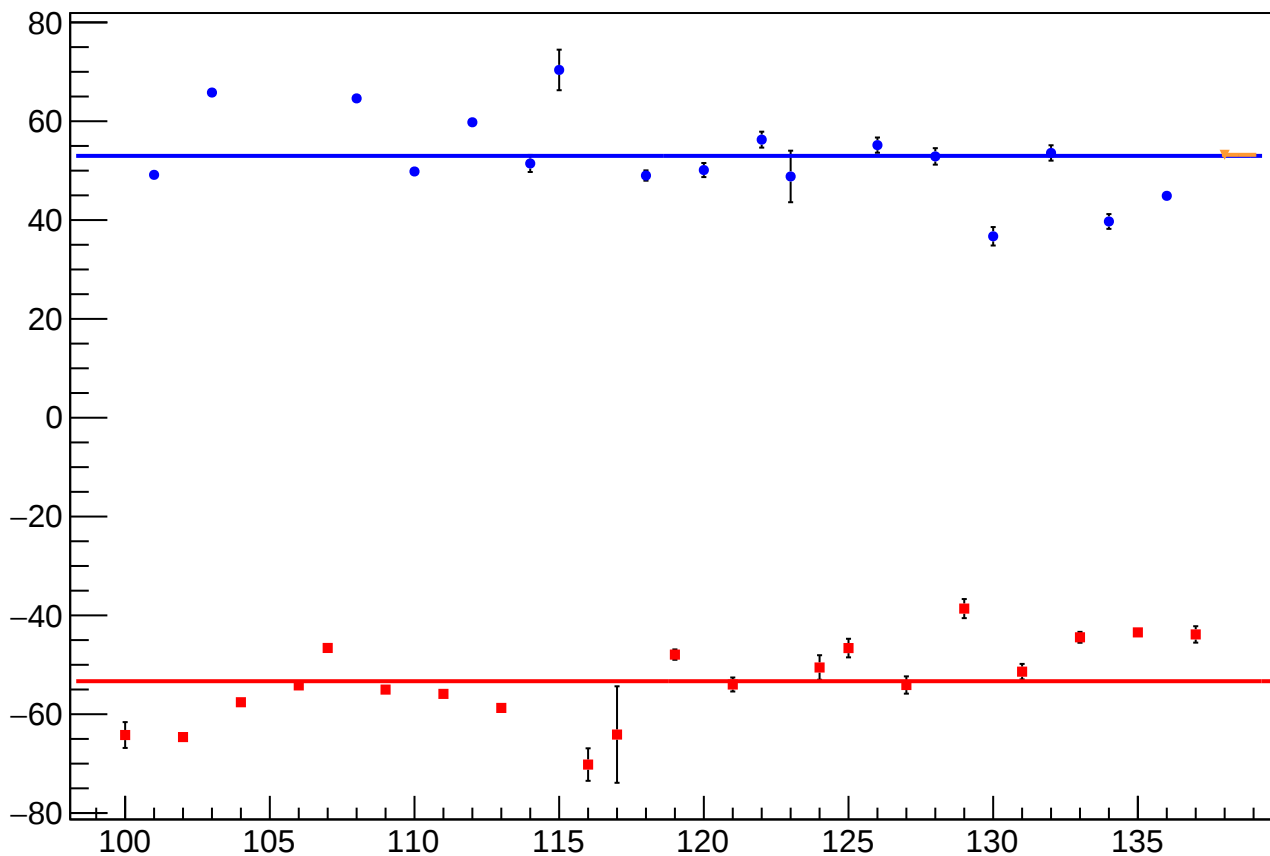
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

25.460+/-0.871 χ^2/NDF : 0.0/0

25.460+/-0.871 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.989+/-0.211 χ^2/NDF : 1198.0/16

Left Out: 53.206+/-0.903 χ^2/NDF : 0.0/0

Right Out: -53.320+/-0.227 χ^2/NDF : 876.8/19

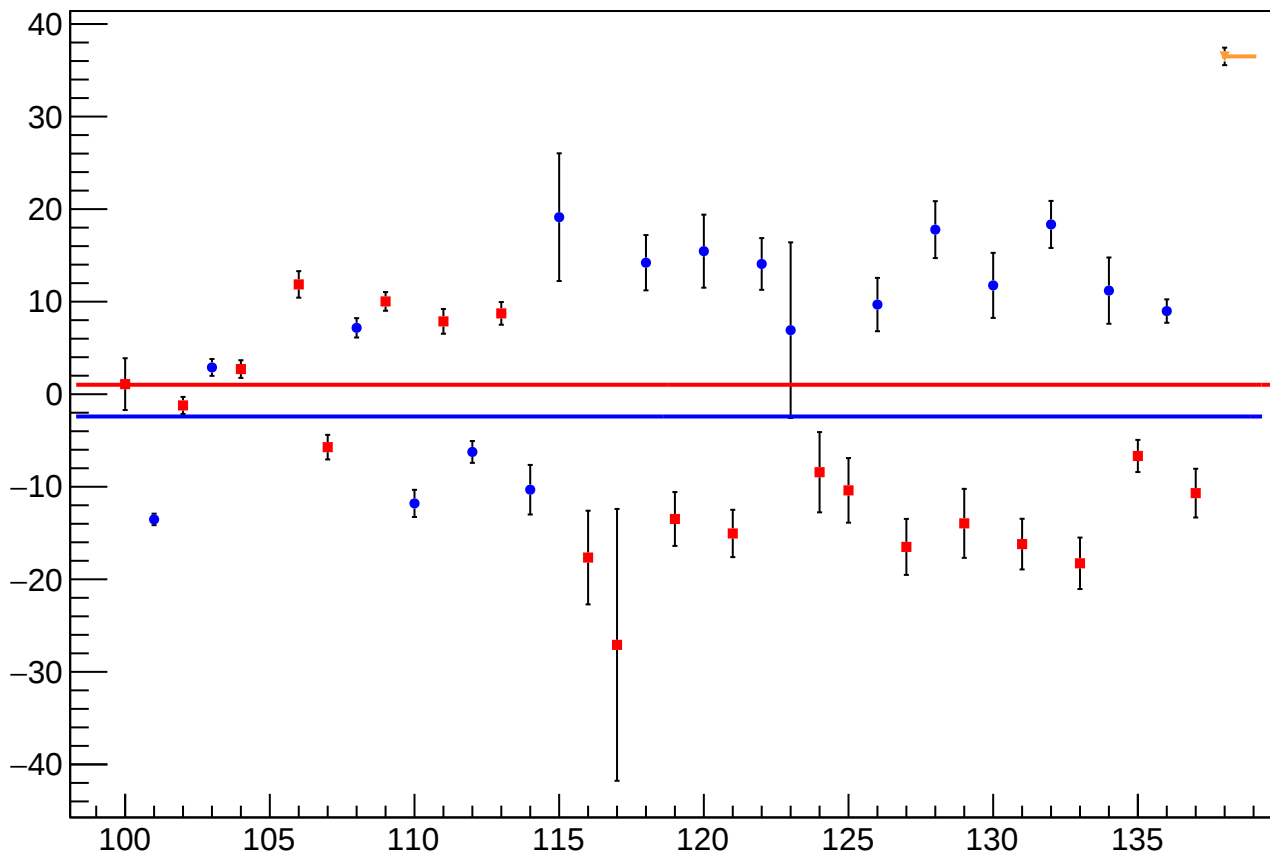
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

53.000+/-0.205 χ^2/NDF : 1198.1/17

5.068+/-0.152 χ^2/NDF : 122908.9/37

-53.320+/-0.227 χ^2/NDF : 876.8/19

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.409+/-0.364 χ^2/NDF : 834.6/16

Left Out: 36.499+/-0.945 χ^2/NDF : 0.0/0

Right Out: 1.021+/-0.377 χ^2/NDF : 511.2/19

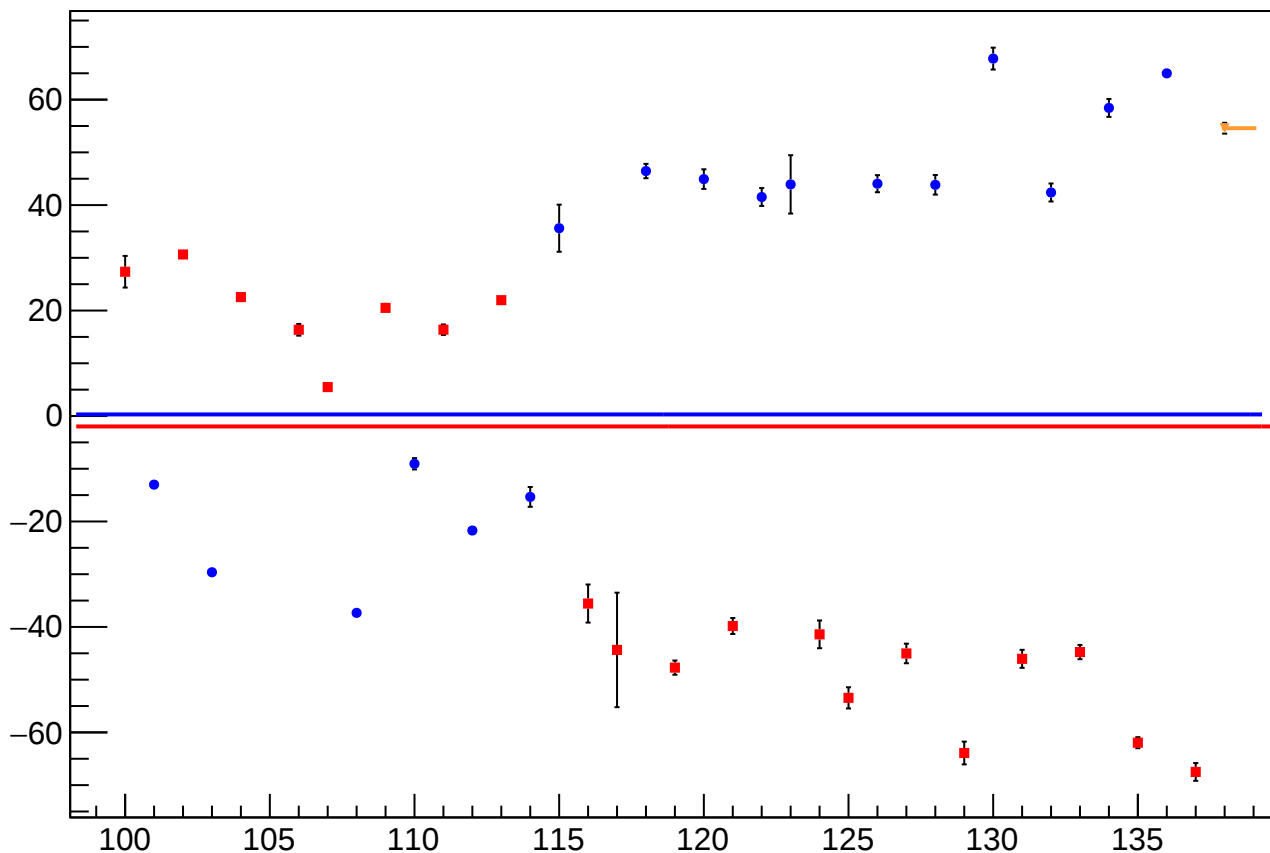
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.627+/-0.340 χ^2/NDF : 2310.6/17

1.907+/-0.252 χ^2/NDF : 2831.8/37

1.021+/-0.377 χ^2/NDF : 511.2/19

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.300+/-0.247 χ^2/NDF : 18259.2/16

Left Out: 54.582+/-1.024 χ^2/NDF : 0.0/0

Right Out: -1.978+/-0.267 χ^2/NDF : 15465.9/19

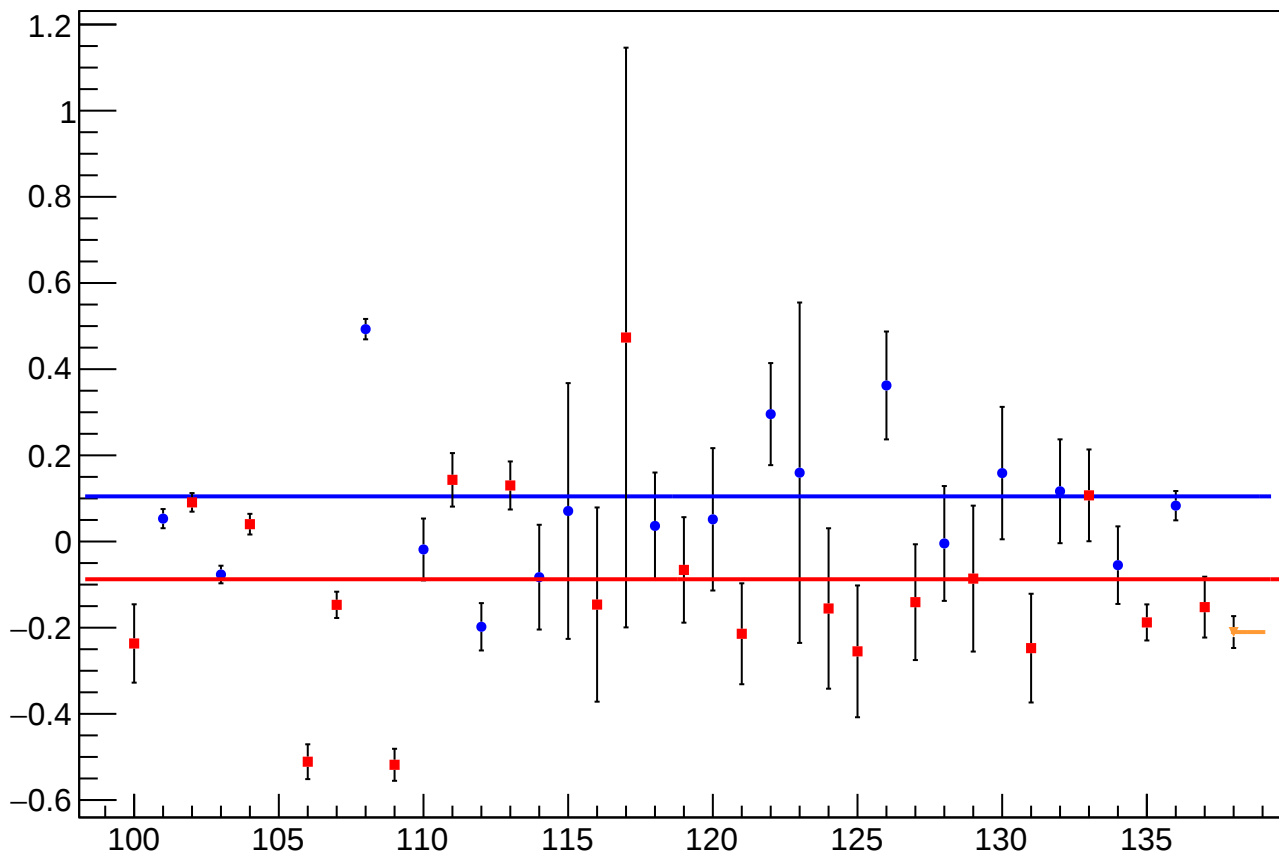
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.295+/-0.240 χ^2/NDF : 20914.8/17

0.929+/-0.179 χ^2/NDF : 36596.4/37

-1.978+/-0.267 χ^2/NDF : 15465.9/19

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 $\pm$ 0.011 χ^2 /NDF: 400.8/16

Left Out: -0.210 $\pm$ 0.037 χ^2 /NDF: 0.0/0

Right Out: -0.088 $\pm$ 0.011 χ^2 /NDF: 391.6/19

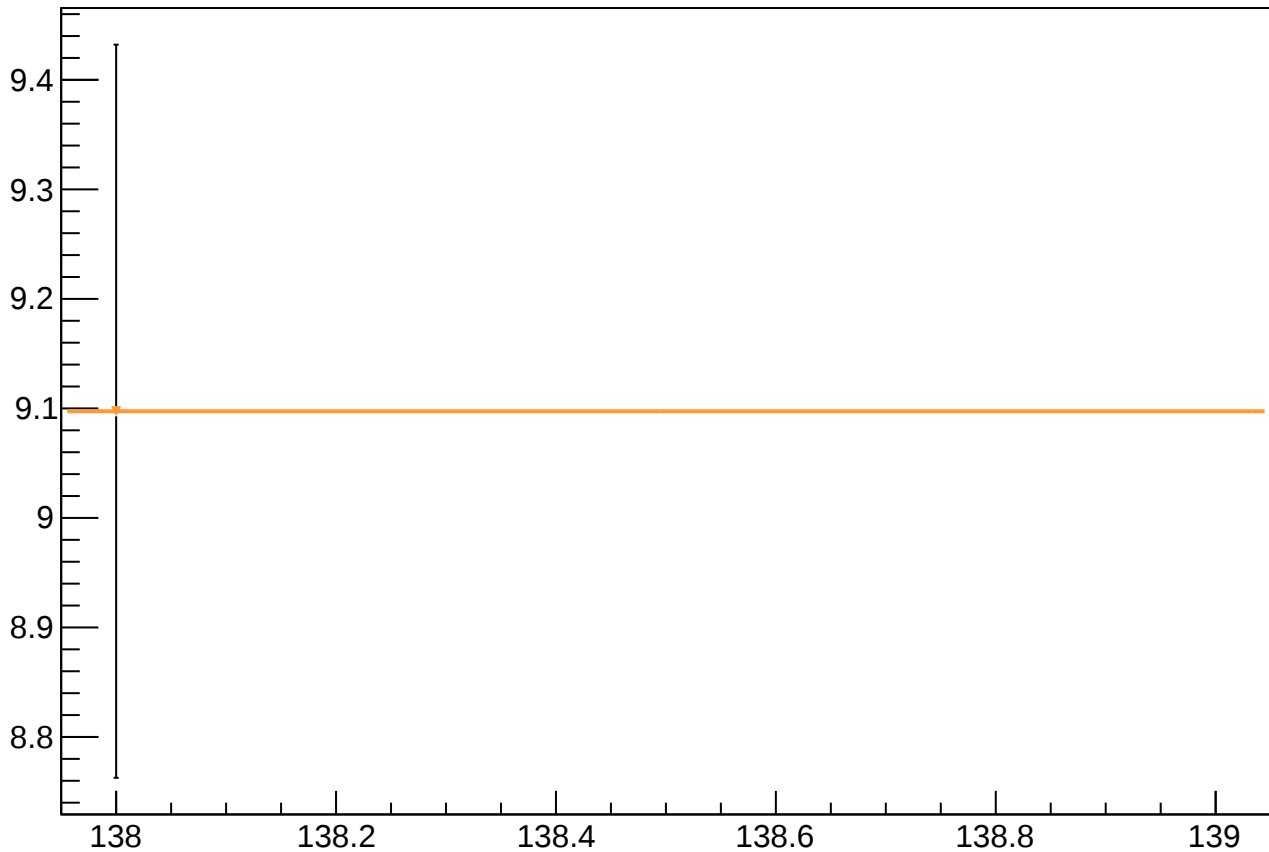
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.079 $\pm$ 0.011 χ^2 /NDF: 467.2/17

-0.001 $\pm$ 0.008 χ^2 /NDF: 977.9/37

-0.088 $\pm$ 0.011 χ^2 /NDF: 391.6/19

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 9.097+/-0.335 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

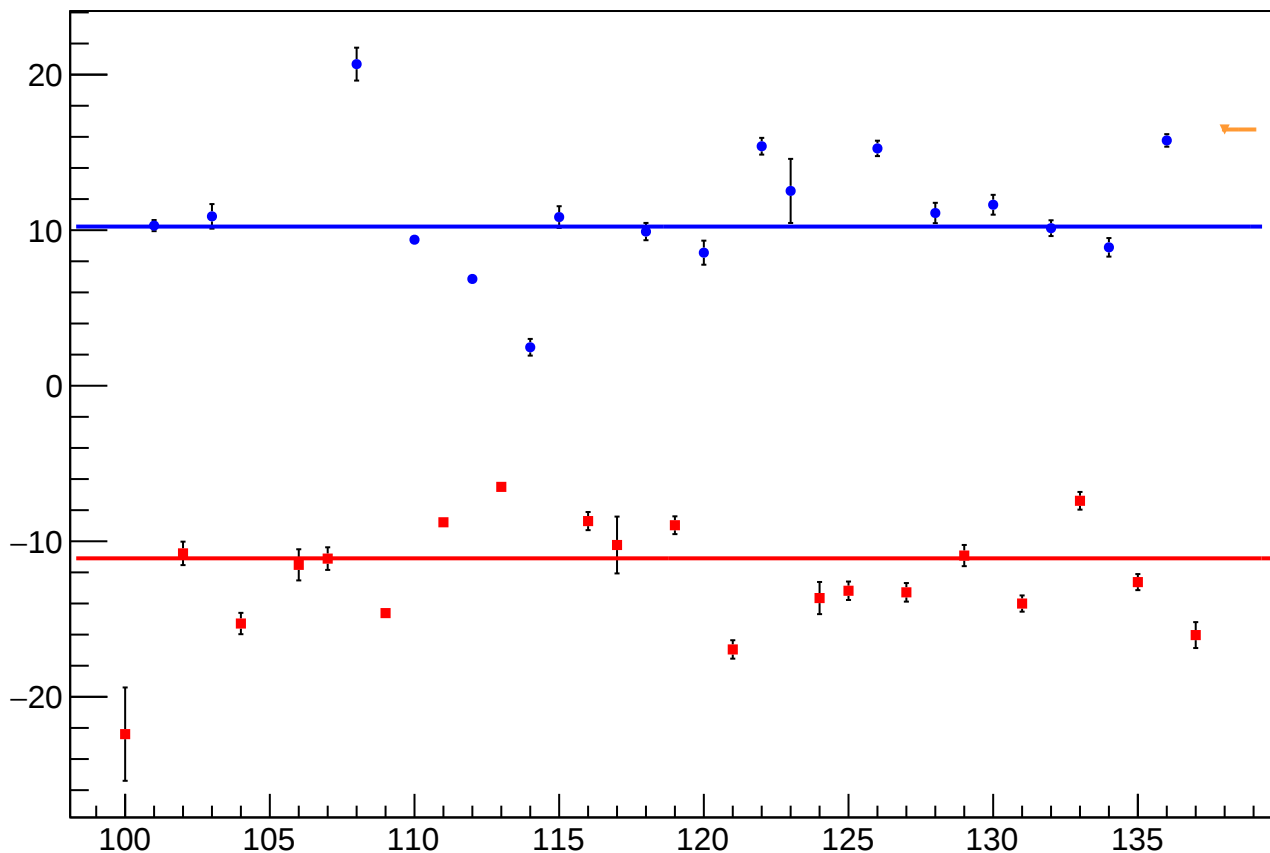
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.097+/-0.335 χ^2/NDF : 0.0/0

9.097+/-0.335 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.232+/-0.119 χ^2 /NDF: 876.7/16

Left Out: 16.474+/-0.322 χ^2 /NDF: 0.0/0

Right Out: -11.096+/-0.116 χ^2 /NDF: 818.0/19

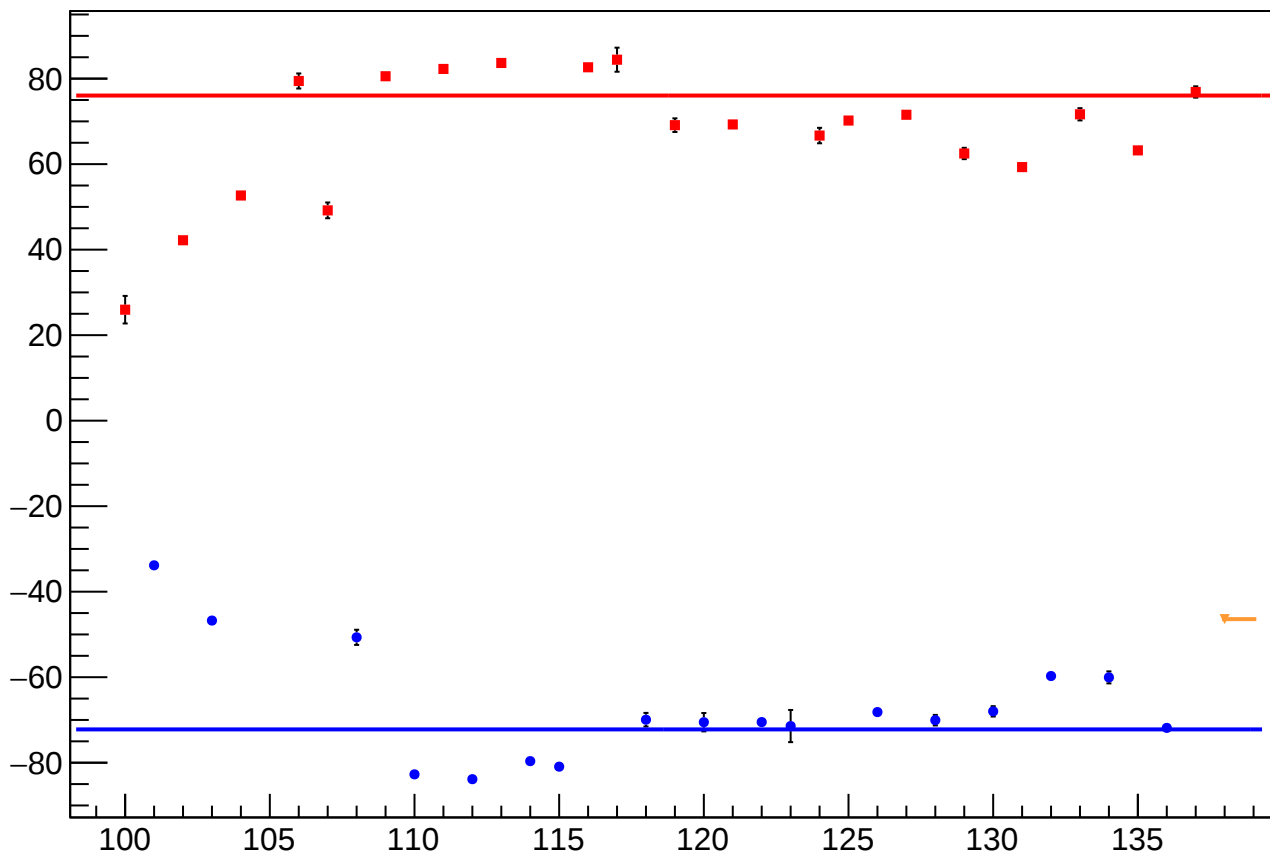
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

10.989+/-0.112 χ^2 /NDF: 1207.9/17

0.354+/-0.081 χ^2 /NDF: 20771.5/37

-11.096+/-0.116 χ^2 /NDF: 818.0/19

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.211+/-0.198 χ^2/NDF : 5566.2/16

Left Out: -46.418+/-0.363 χ^2/NDF : 0.0/0

Right Out: 76.044+/-0.181 χ^2/NDF : 3472.2/19

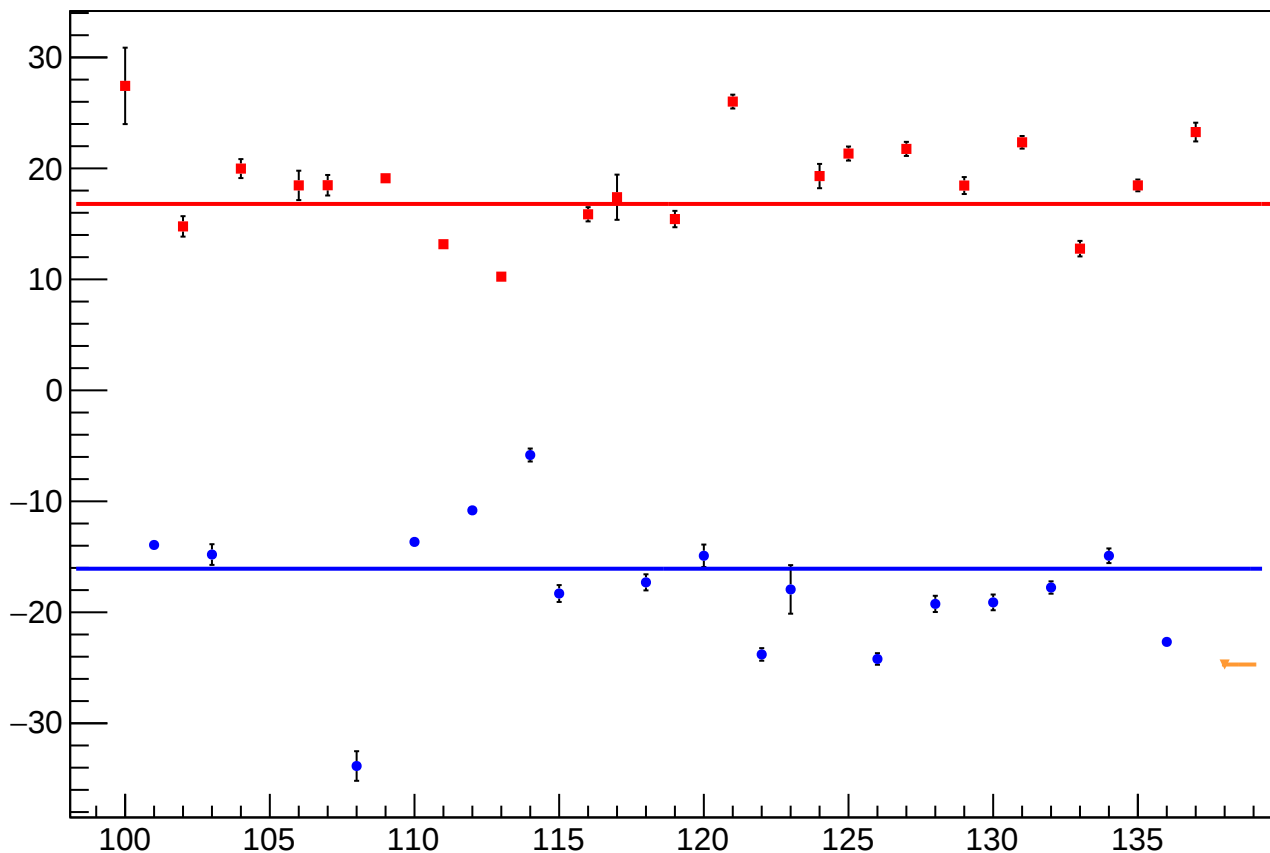
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-66.291+/-0.174 χ^2/NDF : 9461.4/17

2.136+/-0.125 χ^2/NDF : 335412.1/37

76.044+/-0.181 χ^2/NDF : 3472.2/19

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.073 ± 0.133 $\chi^2/\text{NDF}: 1640.5/16$

Left Out: -24.704 ± 0.372 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 16.797 ± 0.128 $\chi^2/\text{NDF}: 1216.1/19$

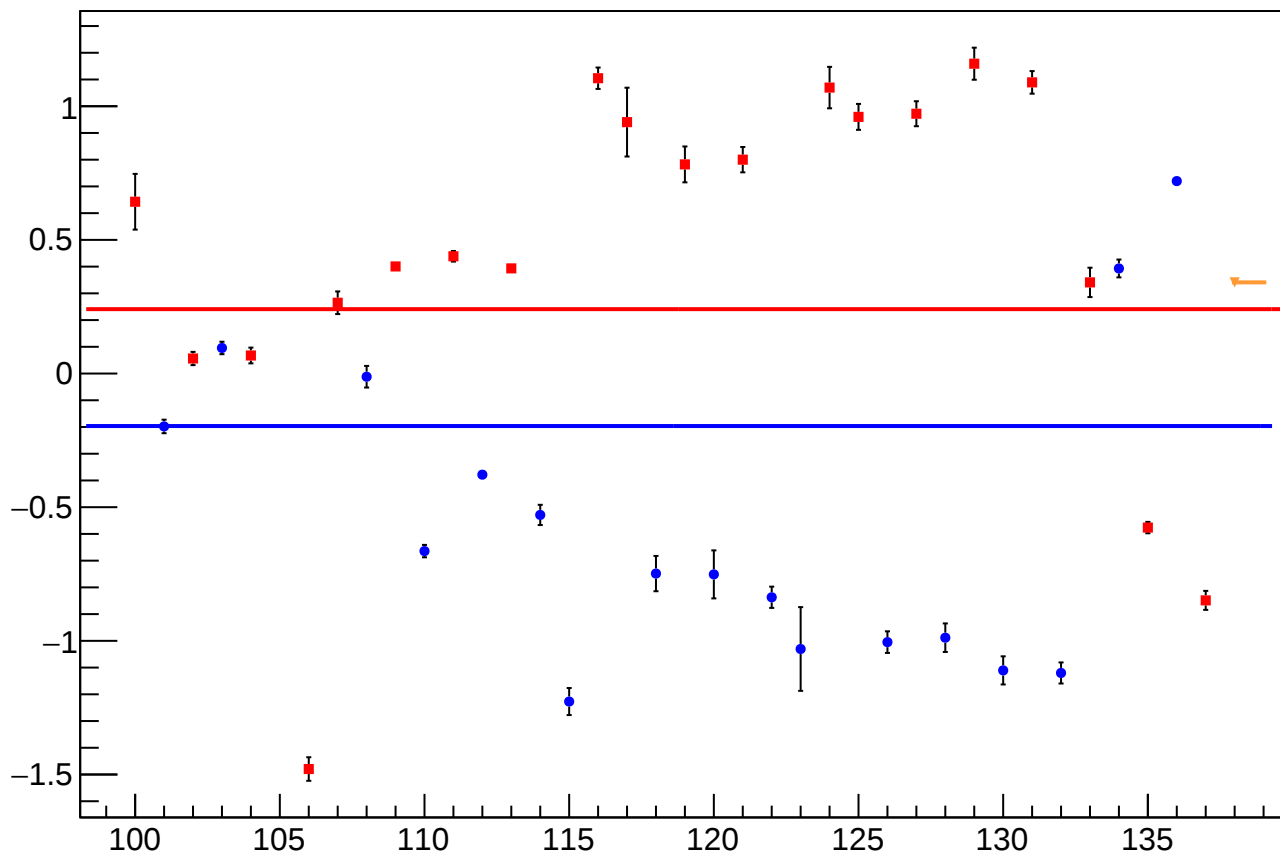
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-17.044 ± 0.125 $\chi^2/\text{NDF}: 2117.9/17$

-0.537 ± 0.089 $\chi^2/\text{NDF}: 39177.8/37$

16.797 ± 0.128 $\chi^2/\text{NDF}: 1216.1/19$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.196 ± 0.008 χ^2/NDF : 6323.5/16

Left Out: 0.341 ± 0.014 χ^2/NDF : 0.0/0

Right Out: 0.241 ± 0.007 χ^2/NDF : 6218.3/19

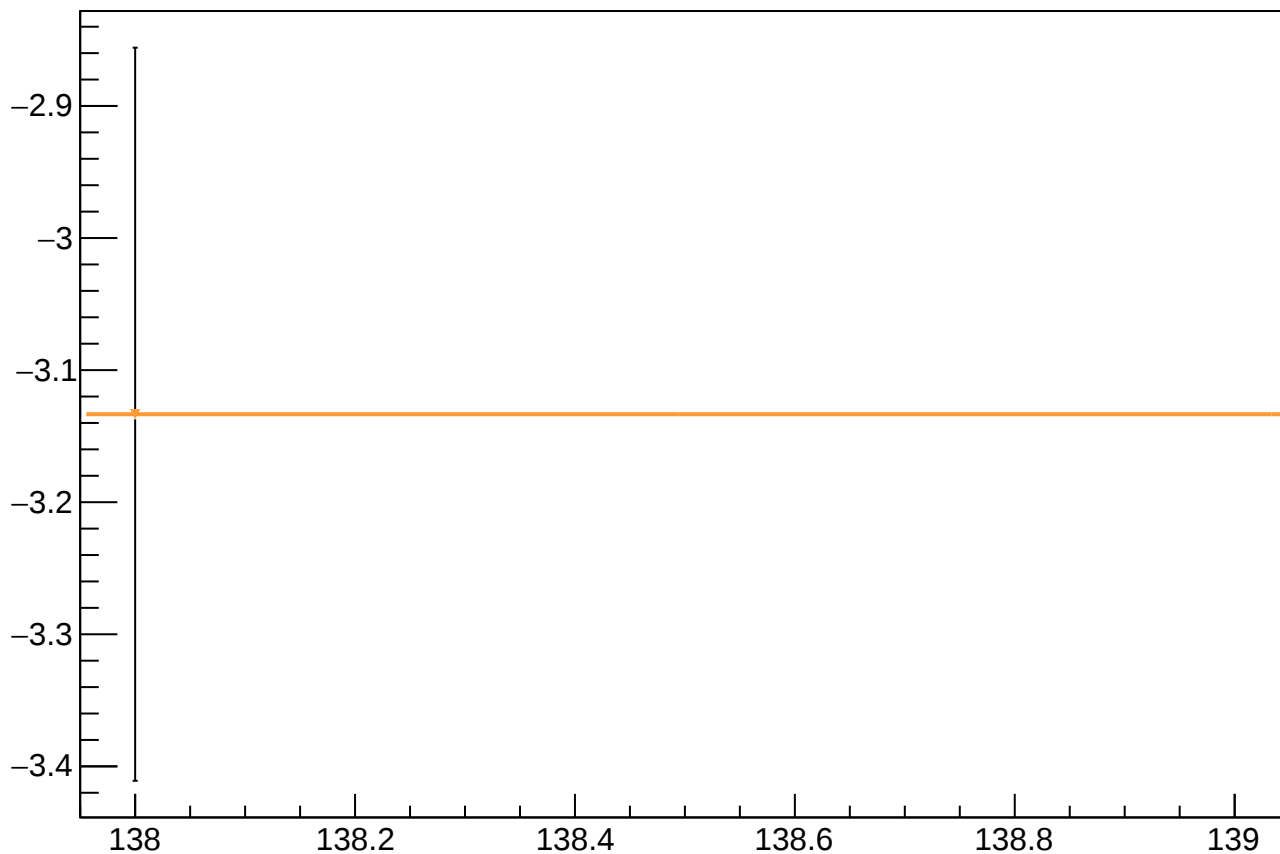
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.081 ± 0.007 χ^2/NDF : 7411.3/17

0.069 ± 0.005 χ^2/NDF : 14709.0/37

0.241 ± 0.007 χ^2/NDF : 6218.3/19

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -3.133+/-0.278 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

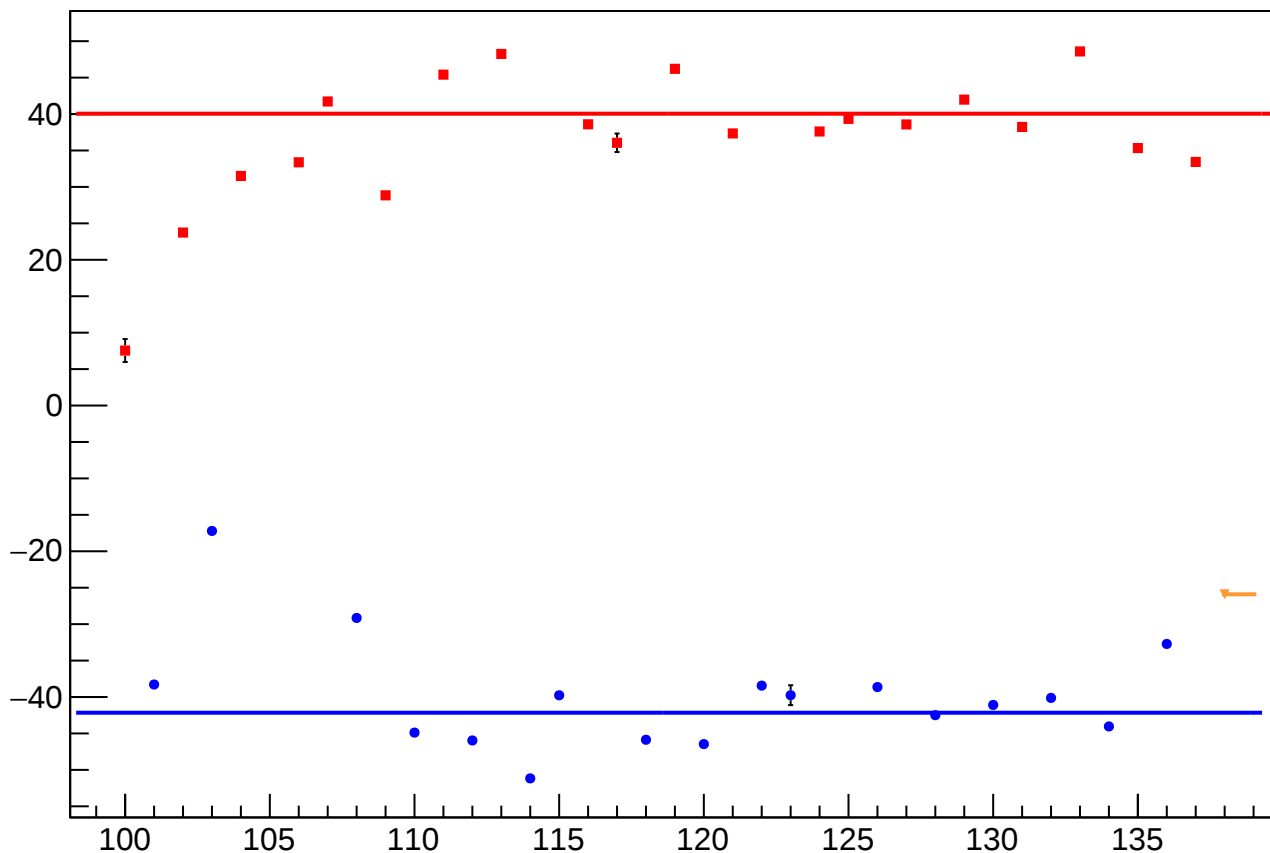
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.133+/-0.278 χ^2/NDF : 0.0/0

-3.133+/-0.278 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.153 ± 0.078 $\chi^2/\text{NDF}: 6557.8/16$

Left Out: -25.906 ± 0.269 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 40.049 ± 0.073 $\chi^2/\text{NDF}: 11332.1/19$

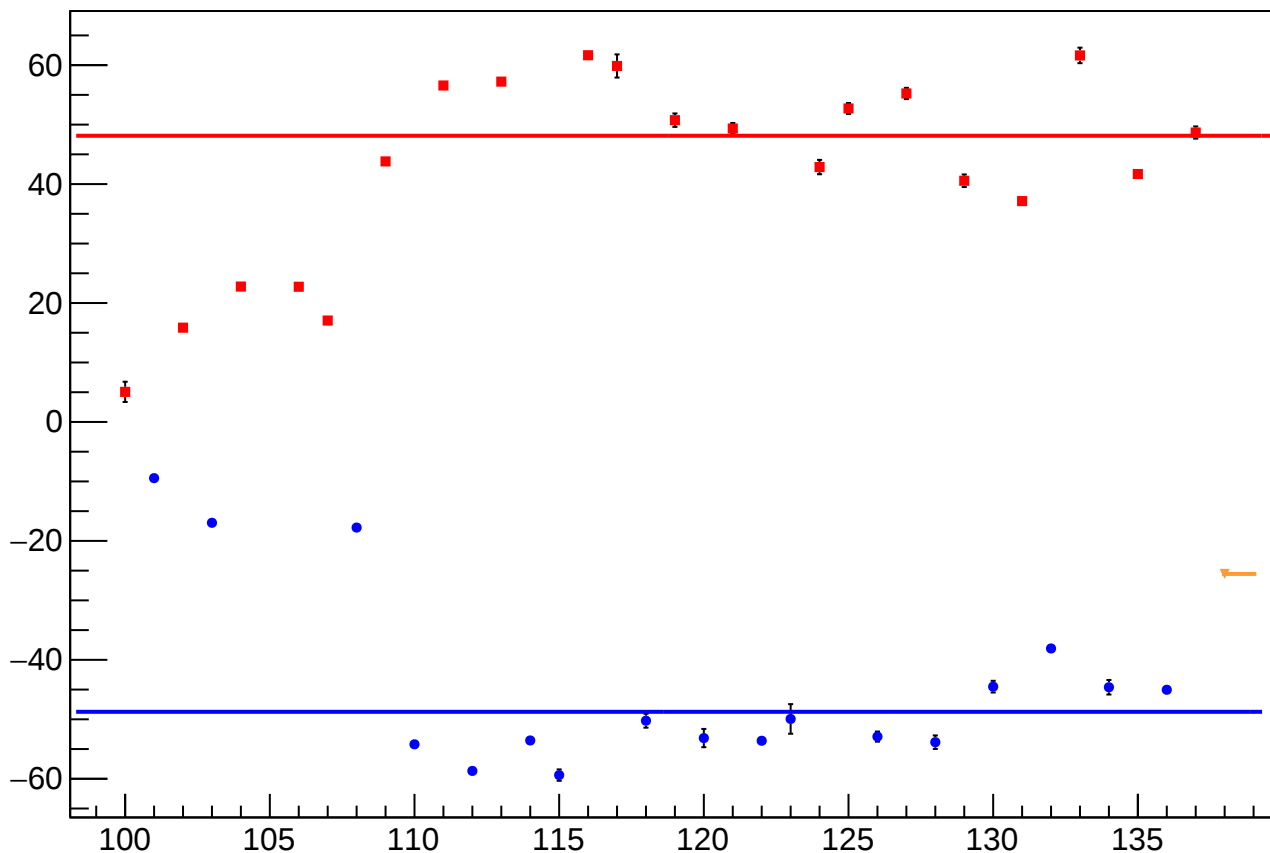
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-40.895 ± 0.075 $\chi^2/\text{NDF}: 9917.1/17$

0.829 ± 0.052 $\chi^2/\text{NDF}: 622643.0/37$

40.049 ± 0.073 $\chi^2/\text{NDF}: 11332.1/19$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.737 ± 0.125 $\chi^2/\text{NDF}: 14658.1/16$

Left Out: -25.552 ± 0.301 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 48.127 ± 0.107 $\chi^2/\text{NDF}: 11769.6/19$

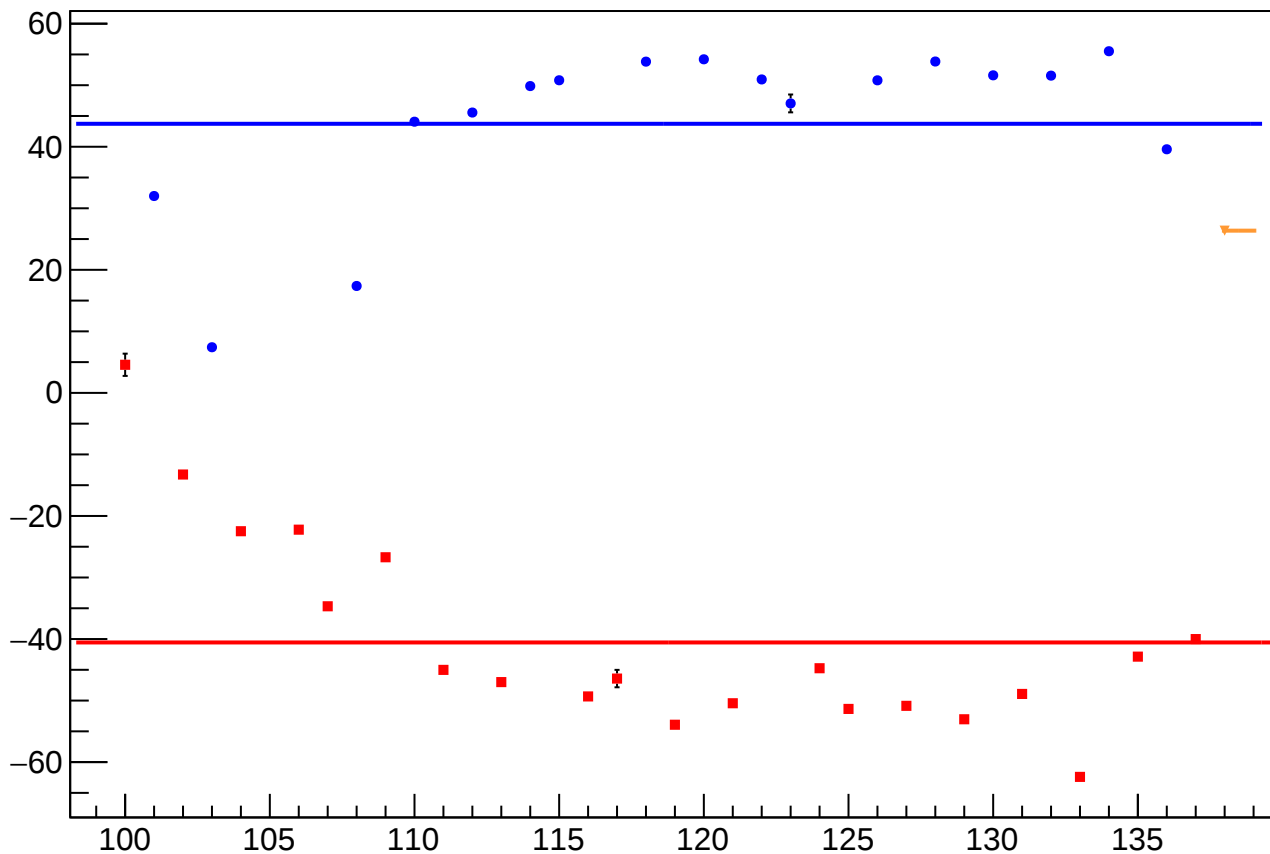
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-45.343 ± 0.115 $\chi^2/\text{NDF}: 19730.0/17$

4.759 ± 0.078 $\chi^2/\text{NDF}: 385064.2/37$

48.127 ± 0.107 $\chi^2/\text{NDF}: 11769.6/19$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.731 ± 0.087 χ^2/NDF : 10567.7/16

Left Out: 26.364 ± 0.311 χ^2/NDF : 0.0/0

Right Out: -40.556 ± 0.080 χ^2/NDF : 17618.6/19

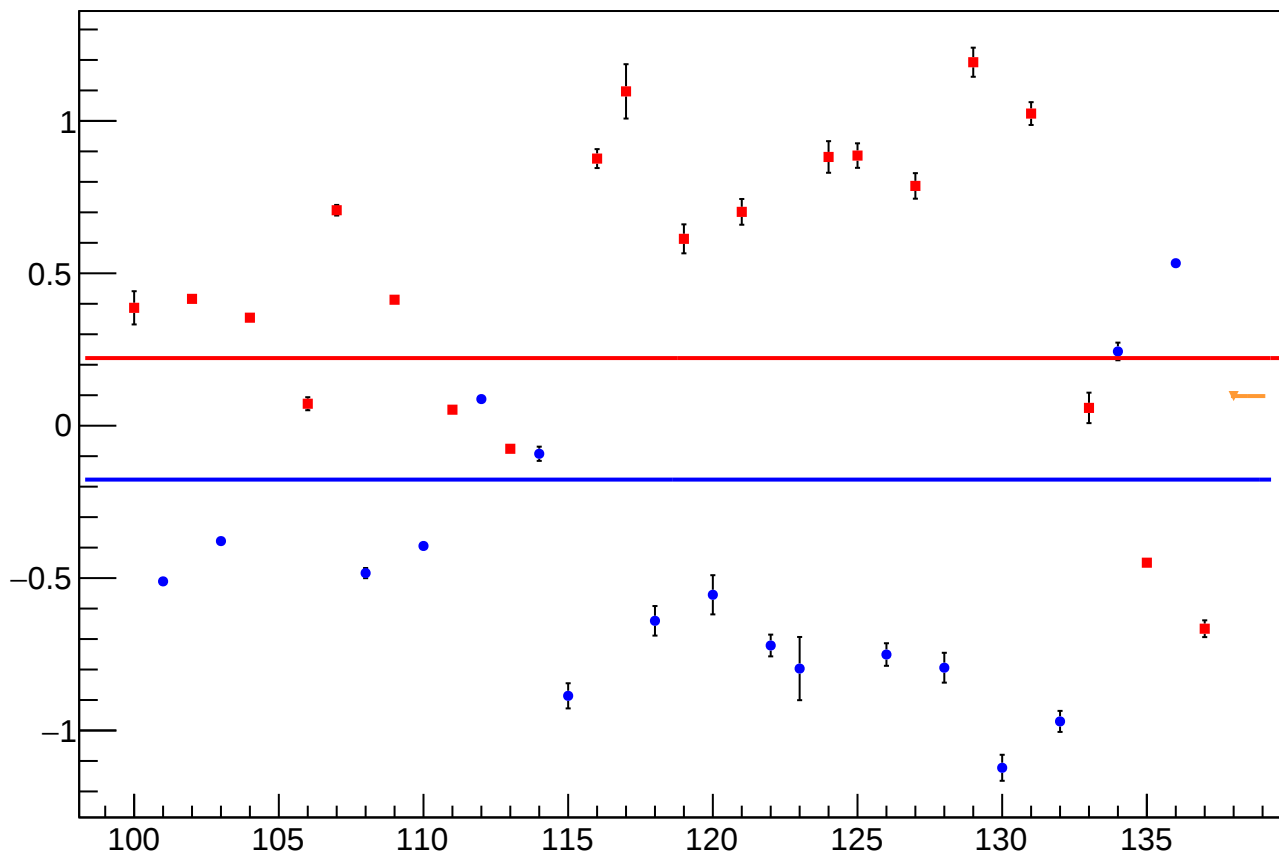
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

42.473 ± 0.084 χ^2/NDF : 13463.9/17

-0.857 ± 0.058 χ^2/NDF : 545374.5/37

-40.556 ± 0.080 χ^2/NDF : 17618.6/19

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.177 ± 0.005 χ^2/NDF : 7364.7/16

Left Out: 0.097 ± 0.012 χ^2/NDF : 0.0/0

Right Out: 0.222 ± 0.004 χ^2/NDF : 7527.0/19

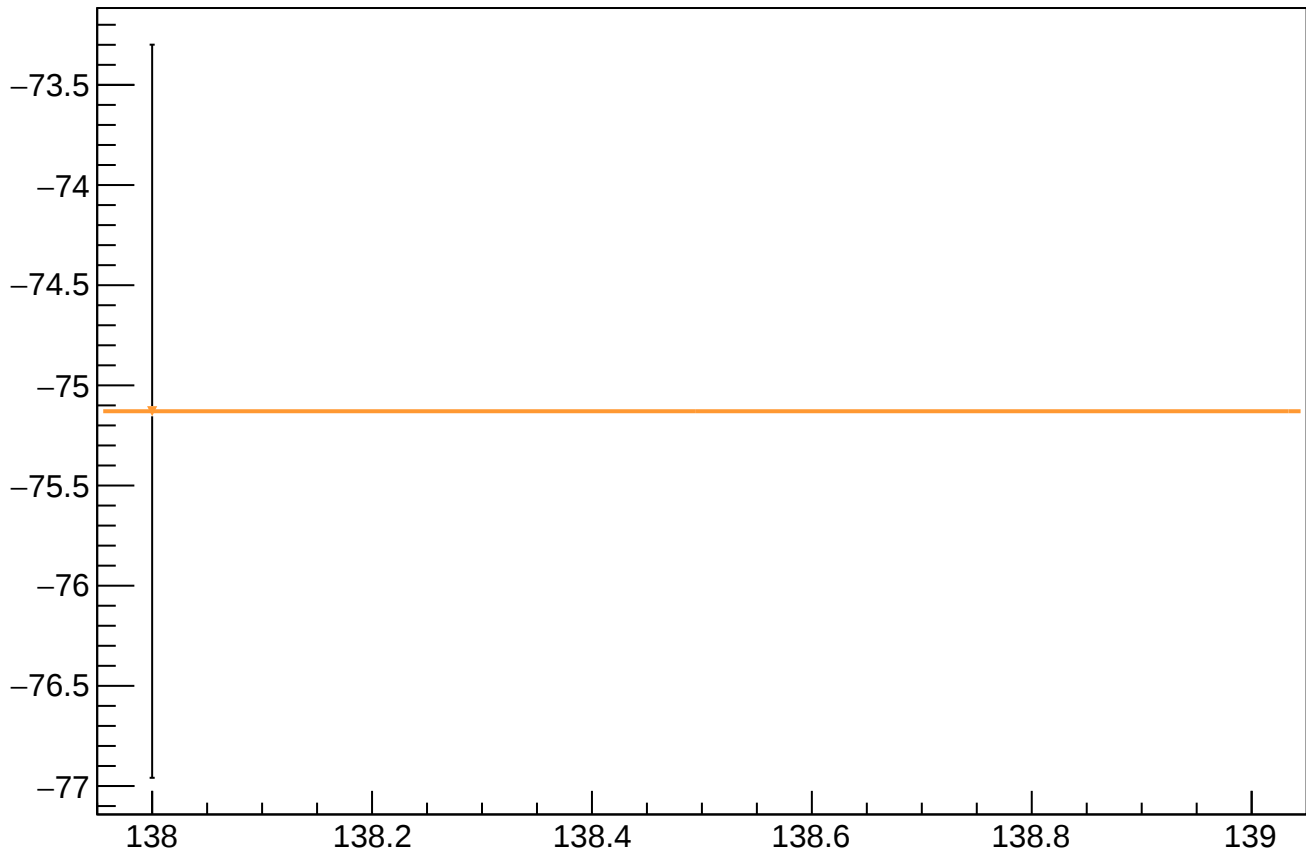
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.138 ± 0.004 χ^2/NDF : 7816.8/17

0.050 ± 0.003 χ^2/NDF : 18703.3/37

0.222 ± 0.004 χ^2/NDF : 7527.0/19

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -75.129+/-1.830 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

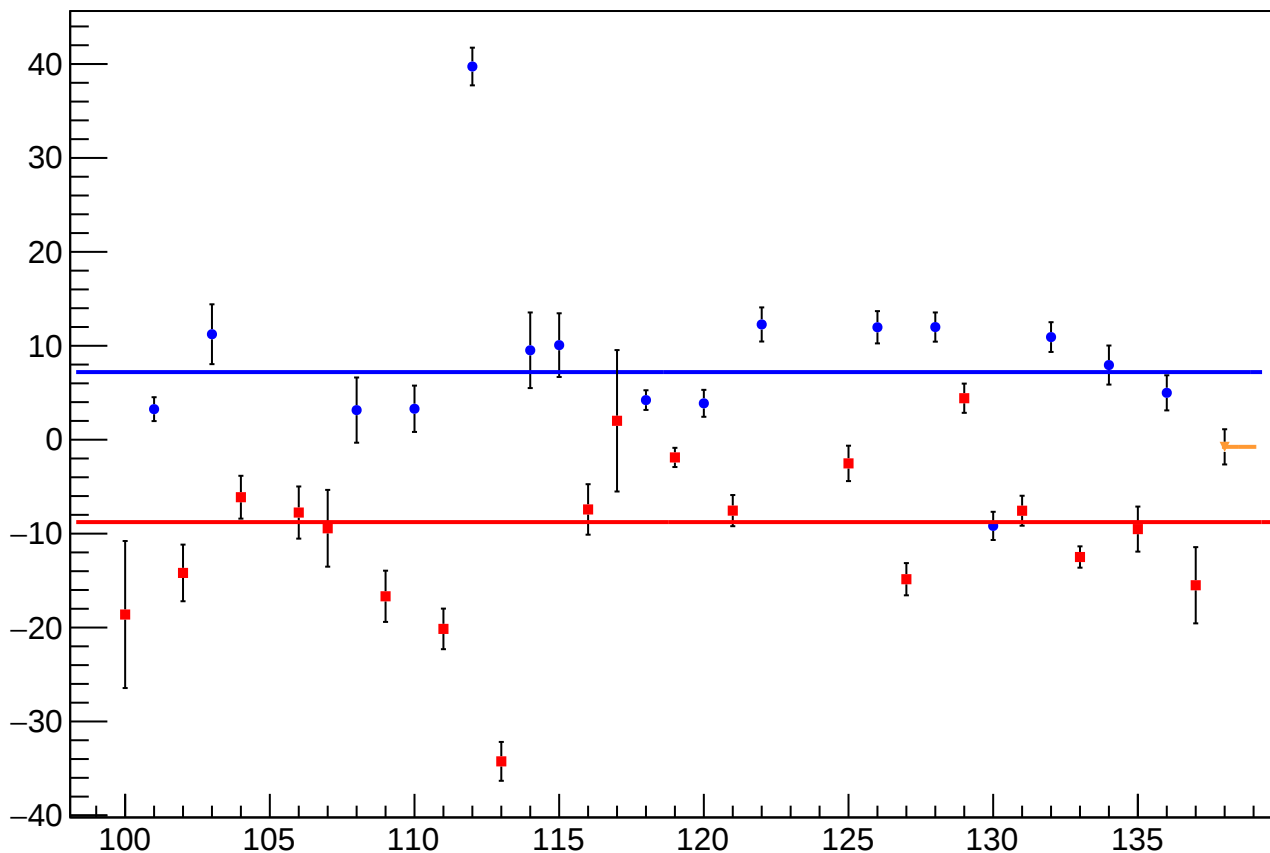
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-75.129+/-1.830 χ^2/NDF : 0.0/0

-75.129+/-1.830 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.199+/-0.440 χ^2/NDF : 443.8/15

Left Out: -0.761+/-1.875 χ^2/NDF : 0.0/0

Right Out: -8.772+/-0.447 χ^2/NDF : 351.7/18

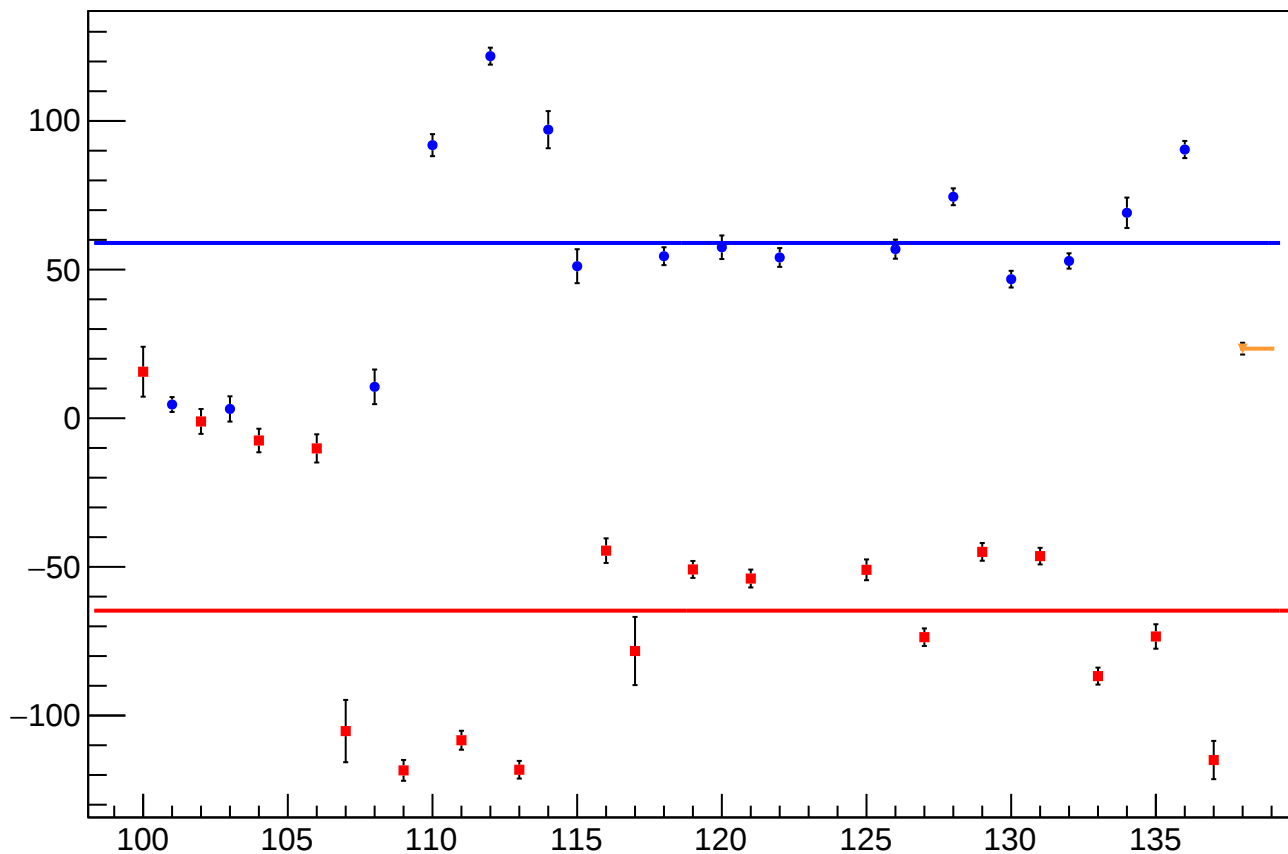
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.785+/-0.428 χ^2/NDF : 460.9/16

-0.654+/-0.309 χ^2/NDF : 1444.6/35

-8.772+/-0.447 χ^2/NDF : 351.7/18

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.962+/-0.837 χ^2 /NDF: 1496.5/15

Left Out: 23.404+/-1.984 χ^2 /NDF:0.0/0

Right Out: -64.728+/-0.838 χ^2 /NDF: 1723.2/18

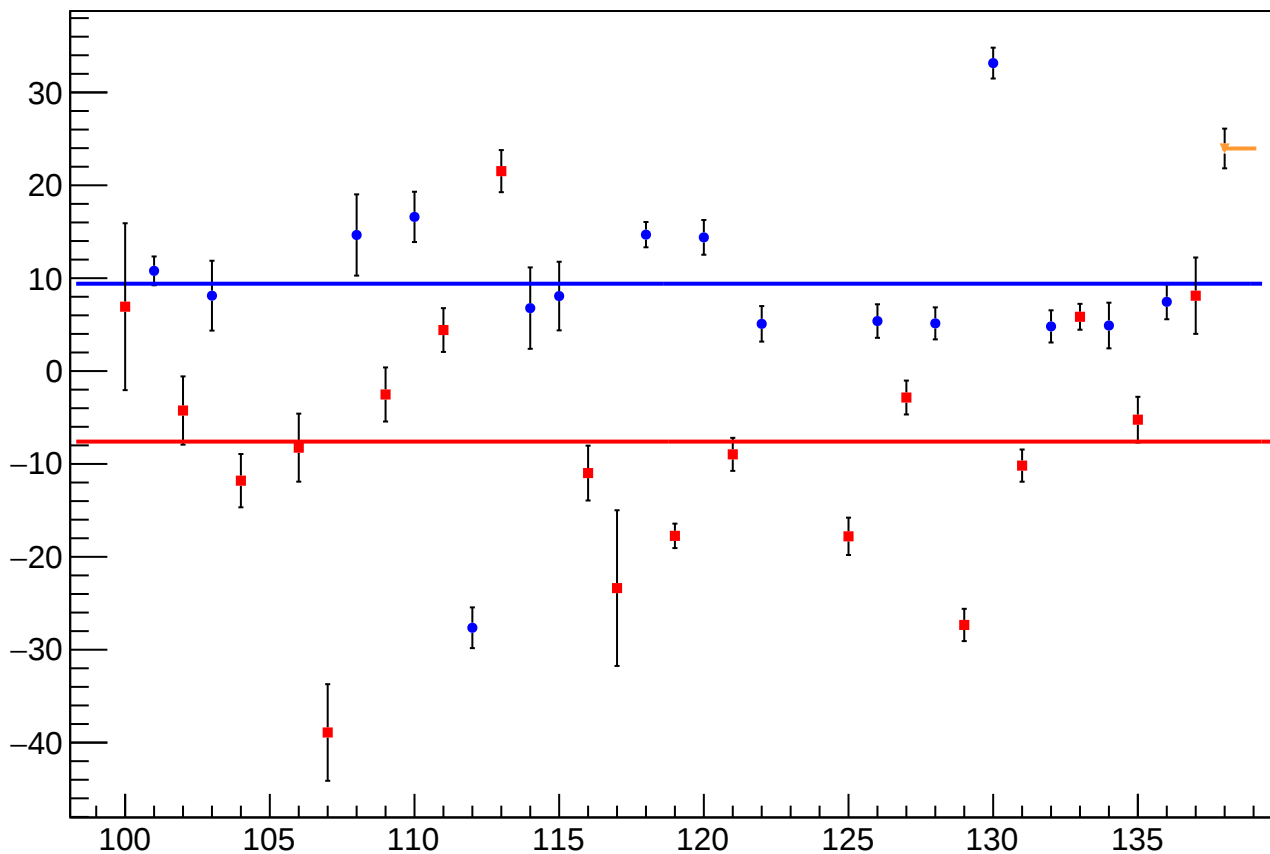
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

53.591+/-0.771 χ^2 /NDF: 1769.2/16

-0.676+/-0.567 χ^2 /NDF: 14289.6/35

-64.728+/-0.838 χ^2 /NDF: 1723.2/18

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.405 $\pm$ 0.507 χ^2 /NDF: 549.5/15

Left Out: 23.964 $\pm$ 2.137 χ^2 /NDF: 0.0/0

Right Out: -7.593 $\pm$ 0.514 χ^2 /NDF: 573.4/18

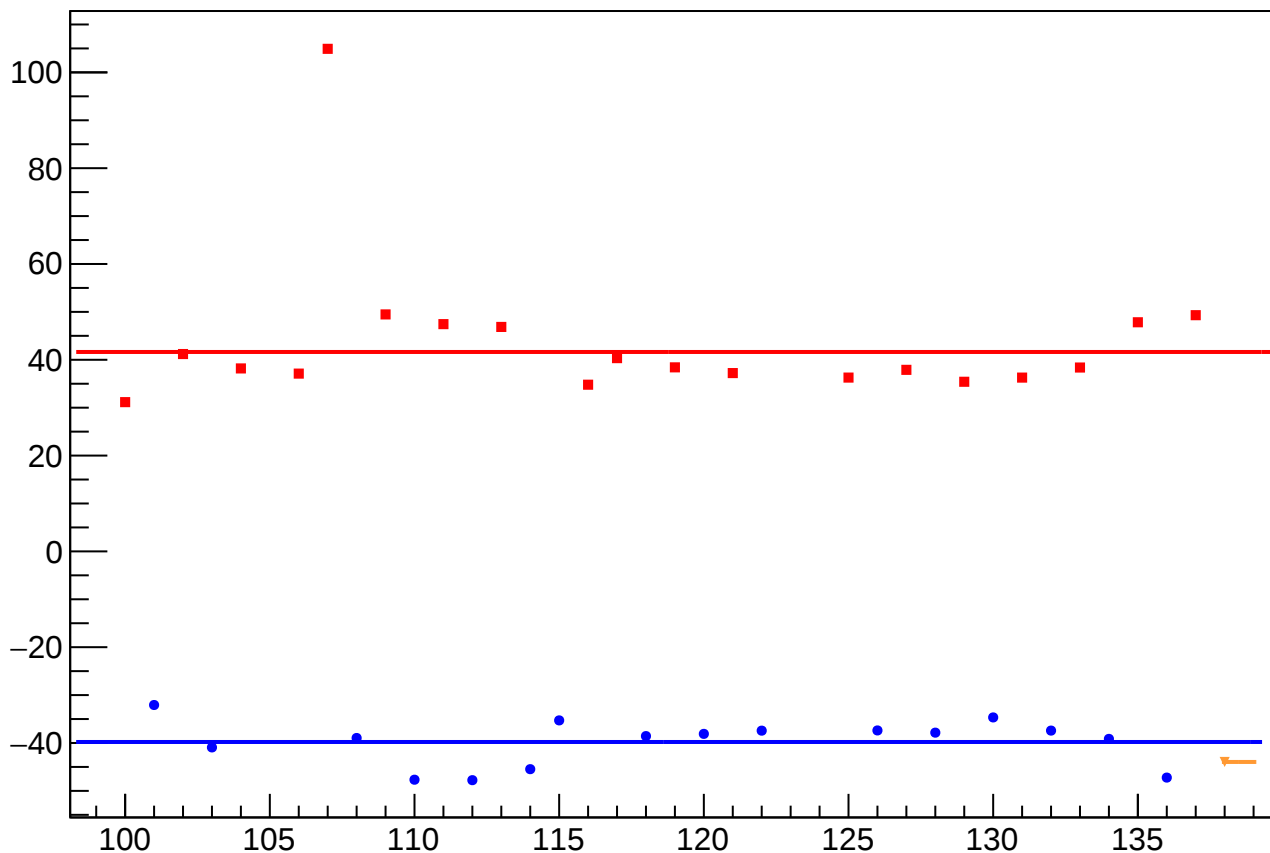
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

10.180 $\pm$ 0.493 χ^2 /NDF: 593.5/16

1.661 $\pm$ 0.356 χ^2 /NDF: 1789.7/35

-7.593 $\pm$ 0.514 χ^2 /NDF: 573.4/18

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.791+/-0.031 χ^2/NDF : 26138.6/15

Left Out: -43.960+/-0.078 χ^2/NDF : 0.0/0

Right Out: 41.631+/-0.031 χ^2/NDF : 94399.1/18

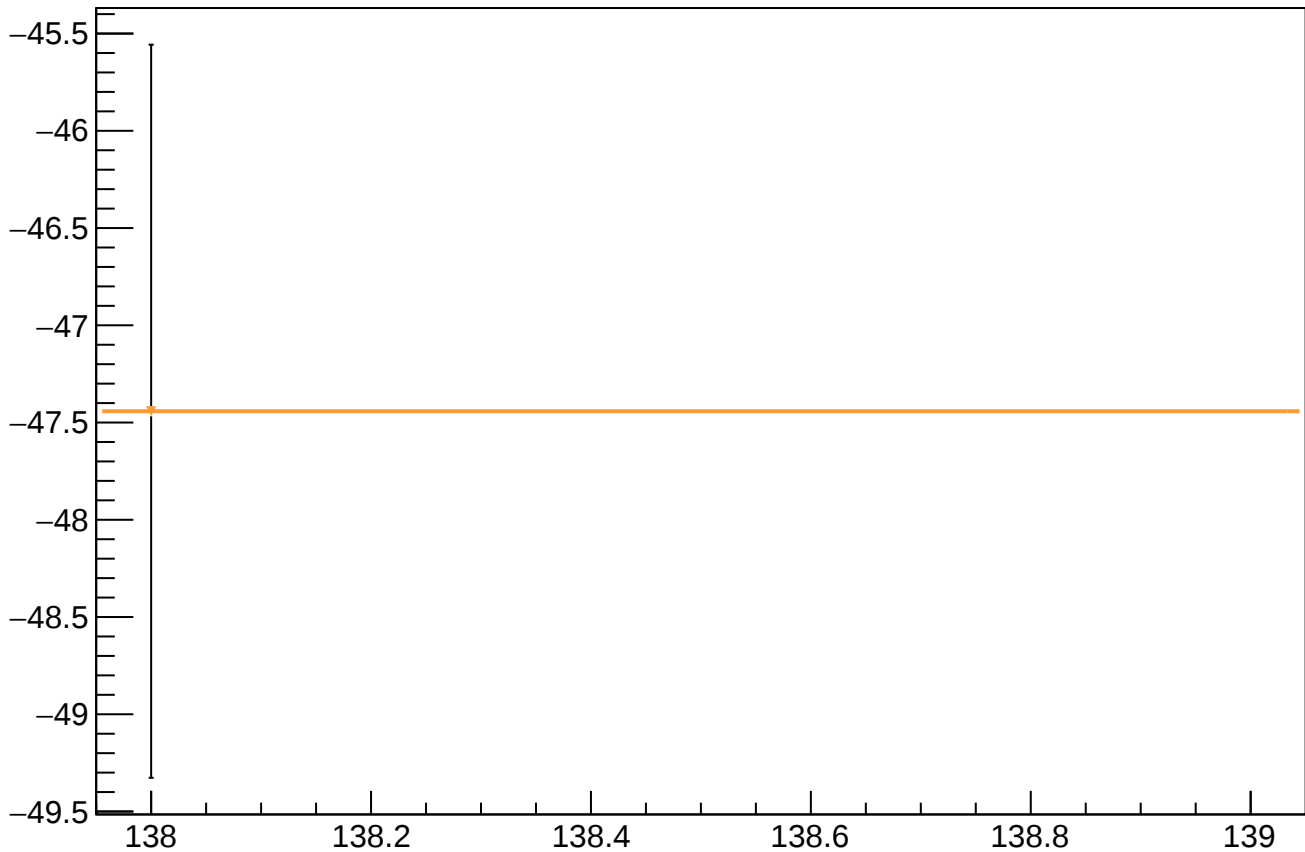
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-40.366+/-0.029 χ^2/NDF : 28597.5/16

-2.310+/-0.021 χ^2/NDF : 3835332.9/35

41.631+/-0.031 χ^2/NDF : 94399.1/18

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -47.442+/-1.885 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

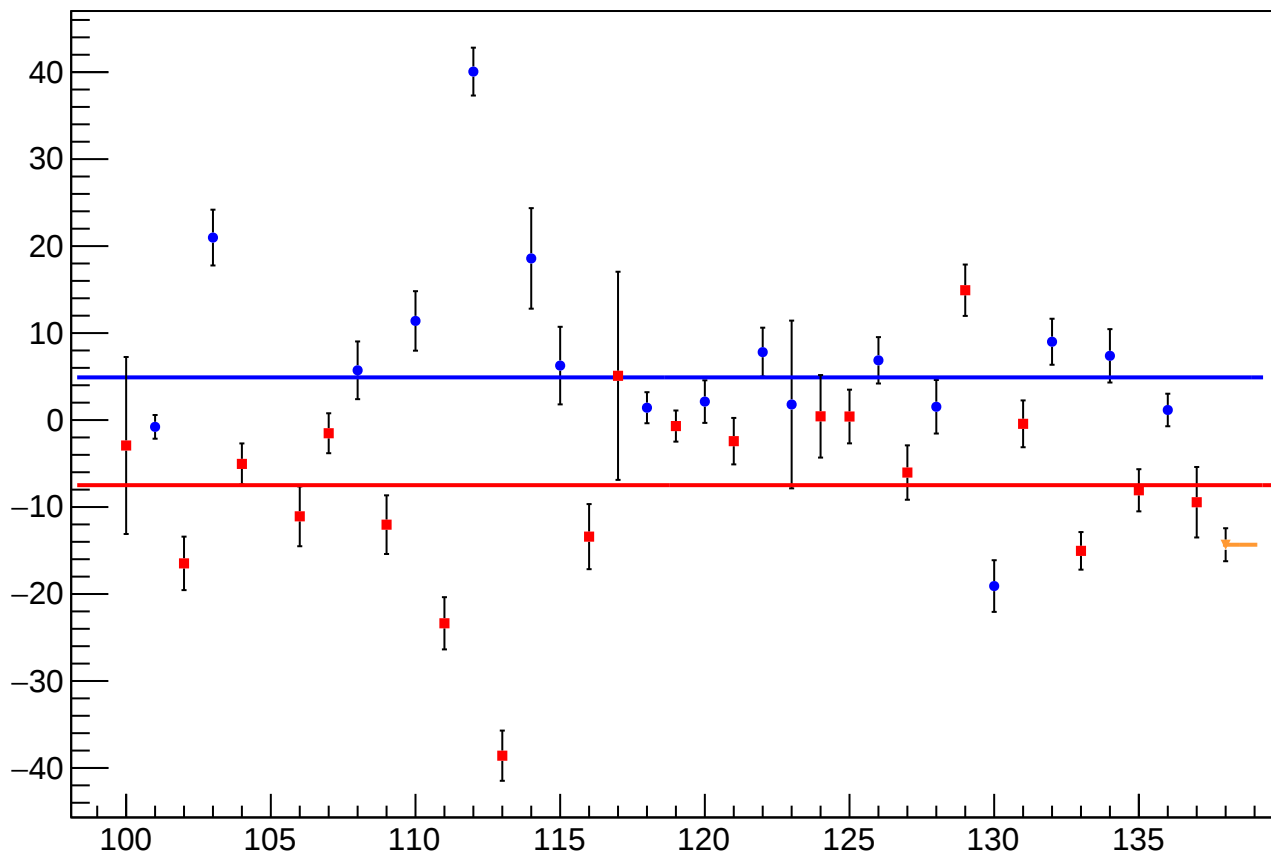
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-47.442+/-1.885 χ^2/NDF : 0.0/0

-47.442+/-1.885 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.907 ± 0.628 χ^2/NDF : 295.4/16

Left Out: -14.334 ± 1.896 χ^2/NDF : 0.0/0

Right Out: -7.486 ± 0.650 χ^2/NDF : 271.7/19

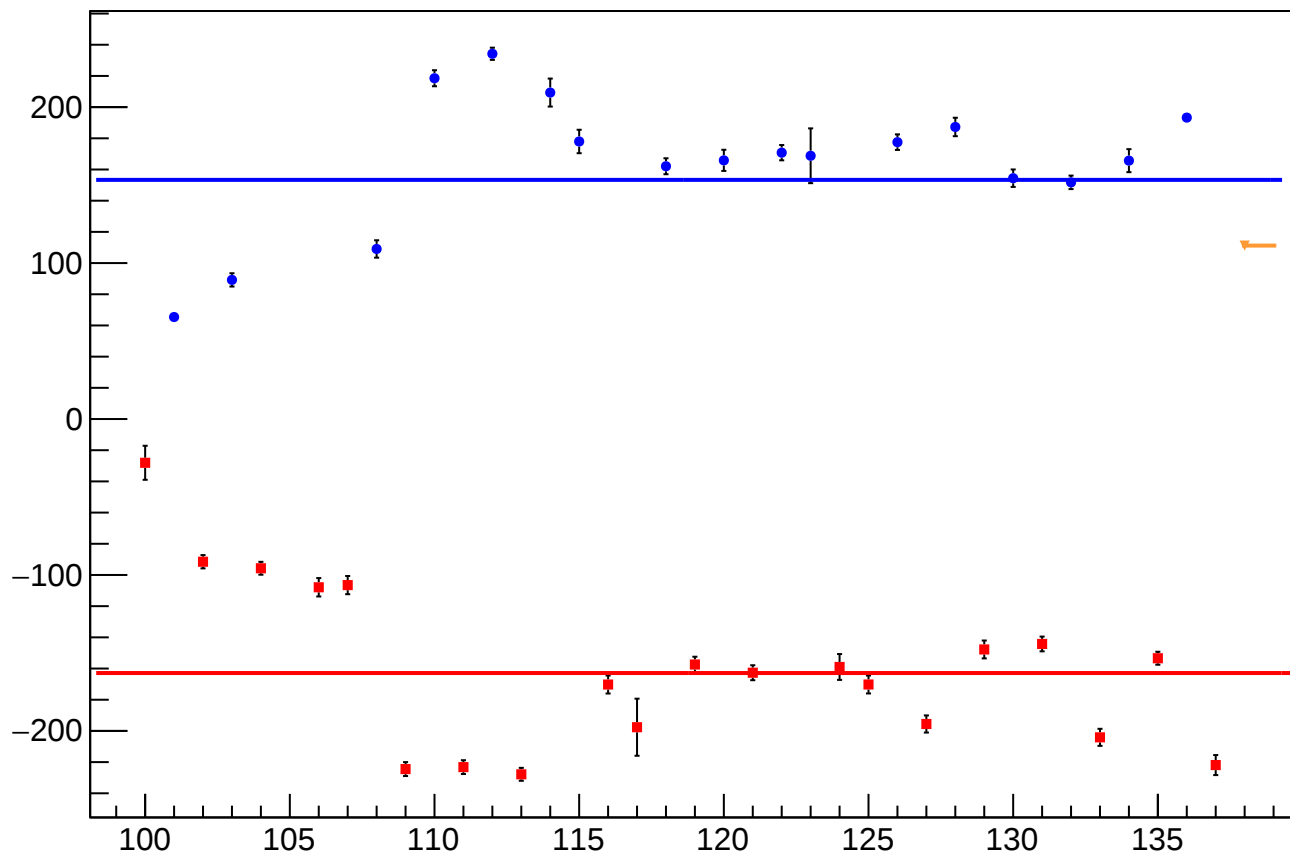
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

3.006 ± 0.596 χ^2/NDF : 388.2/17

-1.789 ± 0.439 χ^2/NDF : 801.6/37

-7.486 ± 0.650 χ^2/NDF : 271.7/19

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.350 $\pm$ 1.150 χ^2 /NDF: 2268.3/16

Left Out: 111.215 $\pm$ 2.043 χ^2 /NDF: 0.0/0

Right Out: -162.878 $\pm$ 1.174 χ^2 /NDF: 1712.4/19

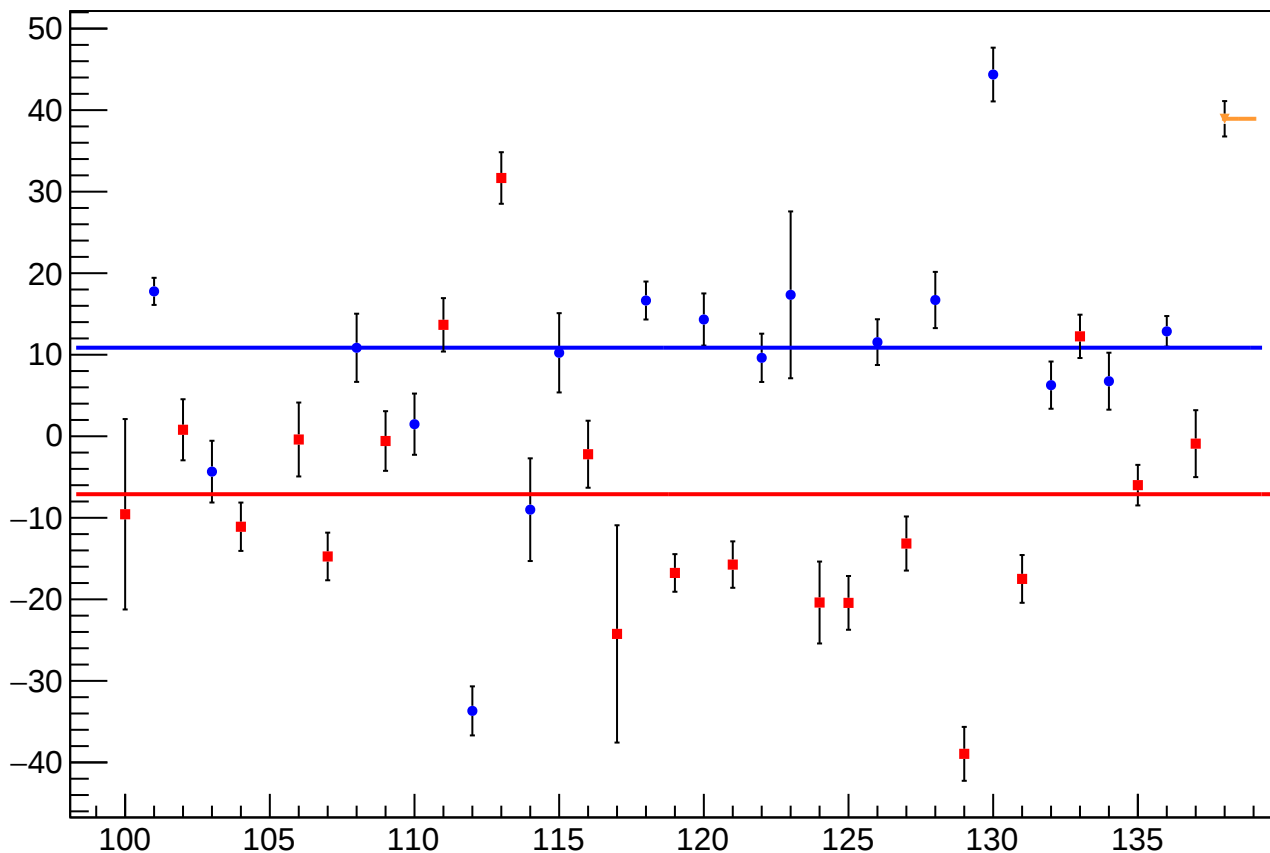
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

143.213 $\pm$ 1.002 χ^2 /NDF: 2591.2/17

14.223 $\pm$ 0.762 χ^2 /NDF: 43602.7/37

-162.878 $\pm$ 1.174 χ^2 /NDF: 1712.4/19

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.864 $\pm$ 0.719 χ^2 /NDF: 387.9/16

Left Out: 38.939 $\pm$ 2.171 χ^2 /NDF: 0.0/0

Right Out: -7.106 $\pm$ 0.746 χ^2 /NDF: 426.4/19

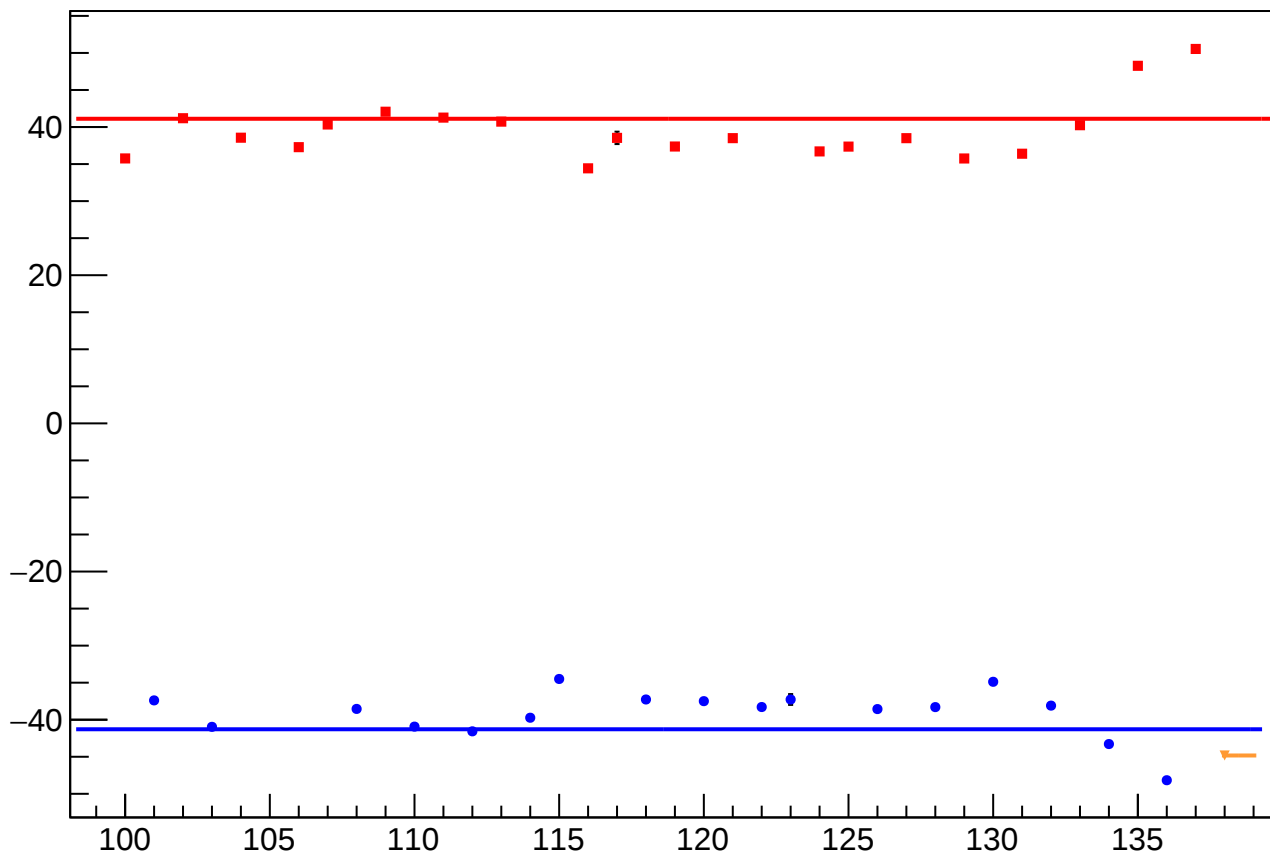
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

13.642 $\pm$ 0.683 χ^2 /NDF: 538.6/17

4.187 $\pm$ 0.504 χ^2 /NDF: 1385.6/37

-7.106 $\pm$ 0.746 χ^2 /NDF: 426.4/19

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.289 ± 0.039 χ^2/NDF : 12509.1/16

Left Out: -44.827 ± 0.081 χ^2/NDF : 0.0/0

Right Out: 41.115 ± 0.039 χ^2/NDF : 12120.1/19

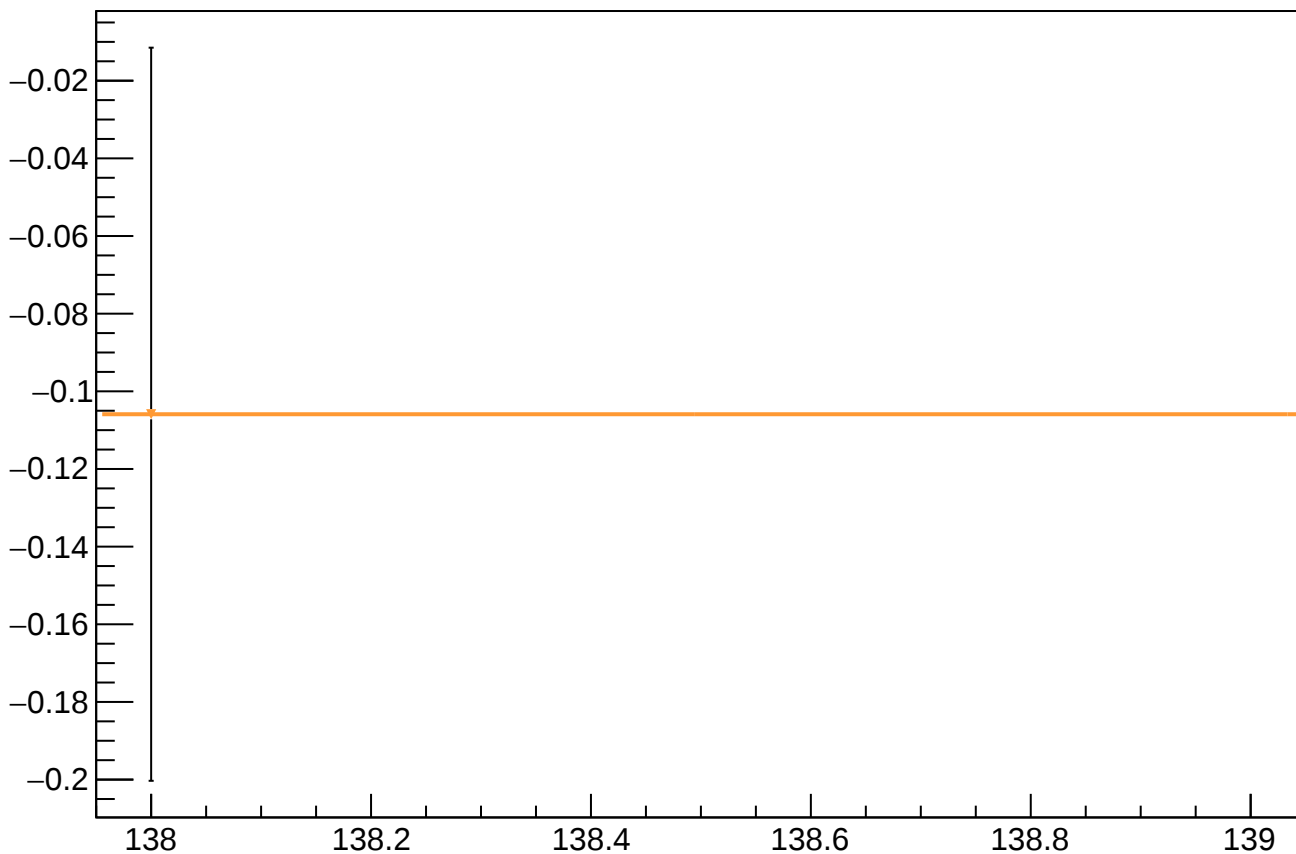
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-41.947 ± 0.035 χ^2/NDF : 14072.4/17

-4.694 ± 0.026 χ^2/NDF : 2576620.5/37

41.115 ± 0.039 χ^2/NDF : 12120.1/19

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -0.106 ± 0.094 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

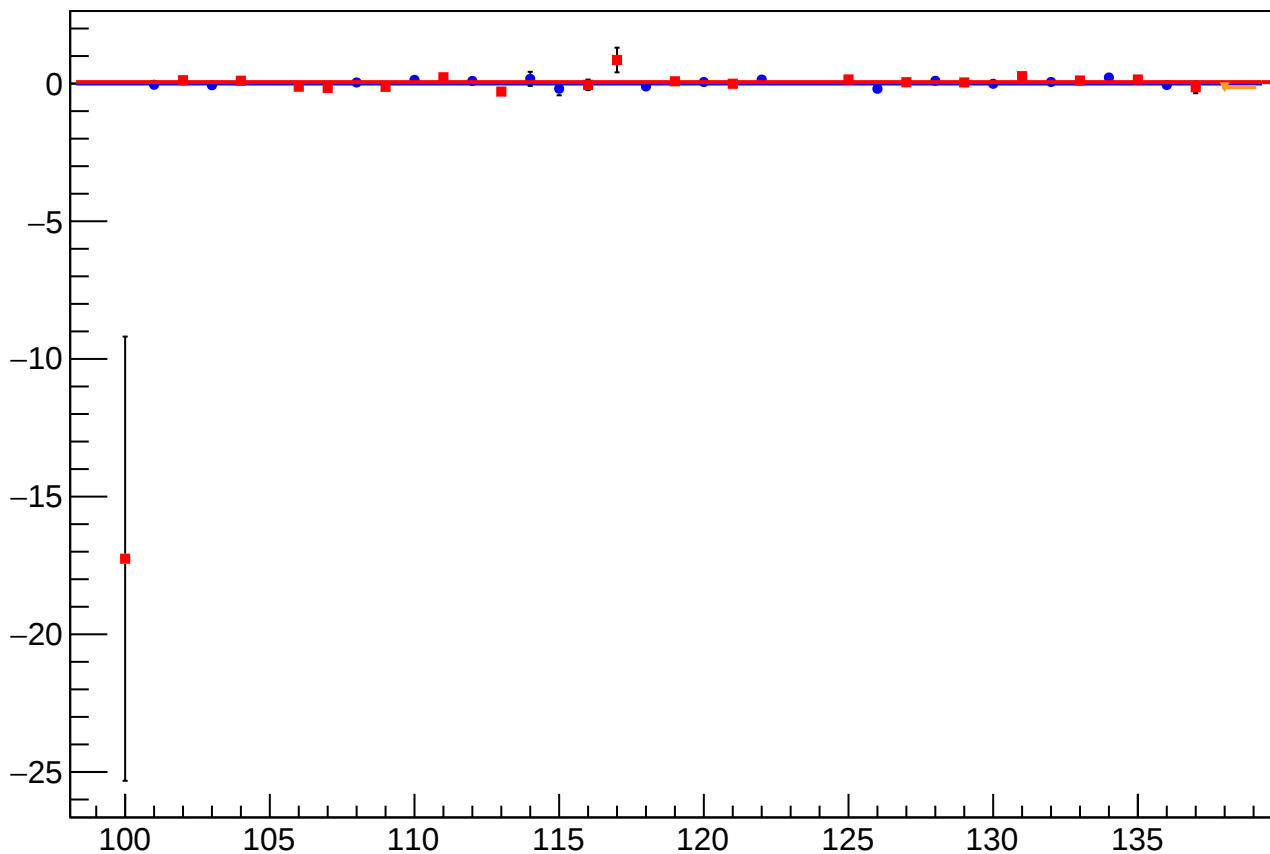
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.106 ± 0.094 χ^2/NDF : 0.0/0

-0.106 ± 0.094 χ^2/NDF : 0.0/0

0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.003+/-0.029 χ^2/NDF : 12.4/15

Left Out: -0.134+/-0.101 χ^2/NDF : 0.0/0

Right Out: 0.053+/-0.029 χ^2/NDF : 28.8/18

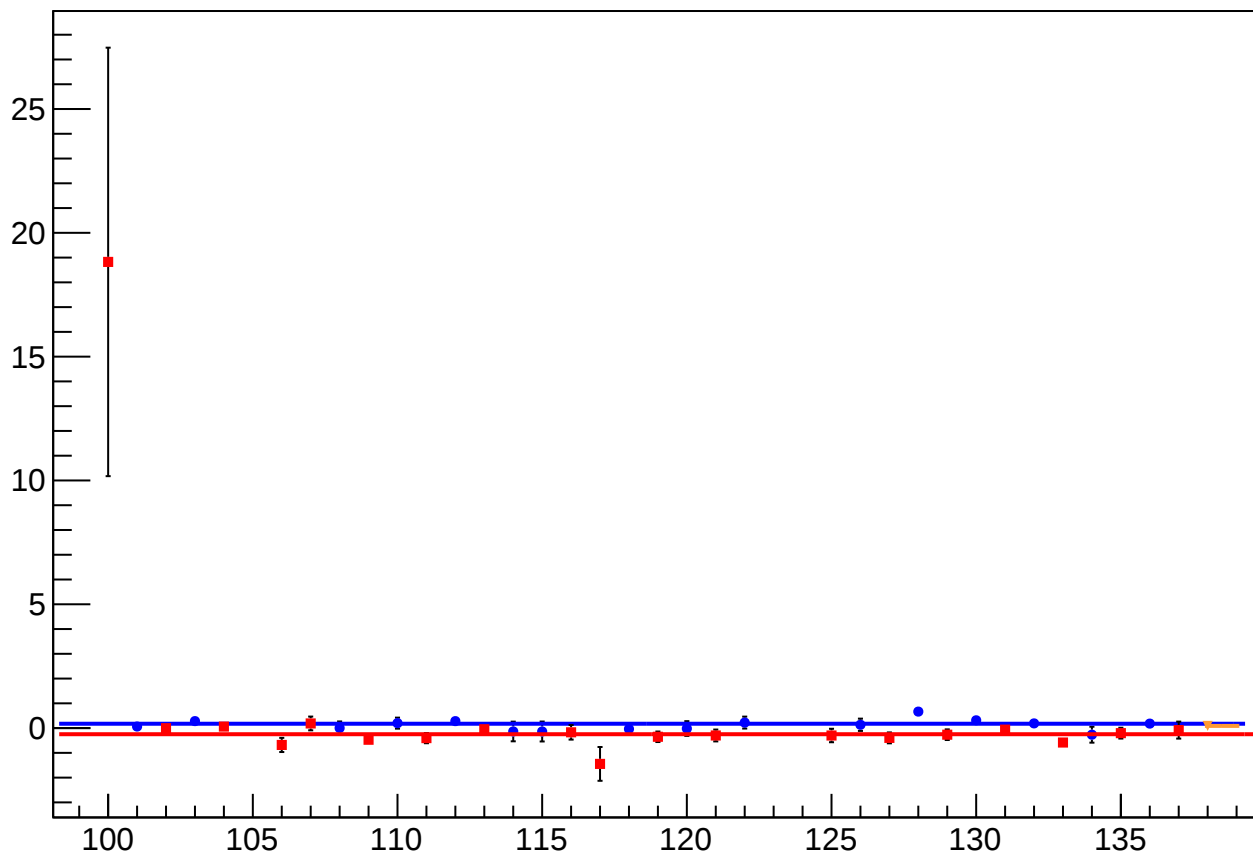
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.007+/-0.027 χ^2/NDF : 14.2/16

0.021+/-0.020 χ^2/NDF : 45.2/35

0.053+/-0.029 χ^2/NDF : 28.8/18

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.176+/-0.053 χ^2/NDF : 13.0/15

Left Out: 0.089+/-0.102 χ^2/NDF : 0.0/0

Right Out: -0.247+/-0.054 χ^2/NDF : 24.7/18

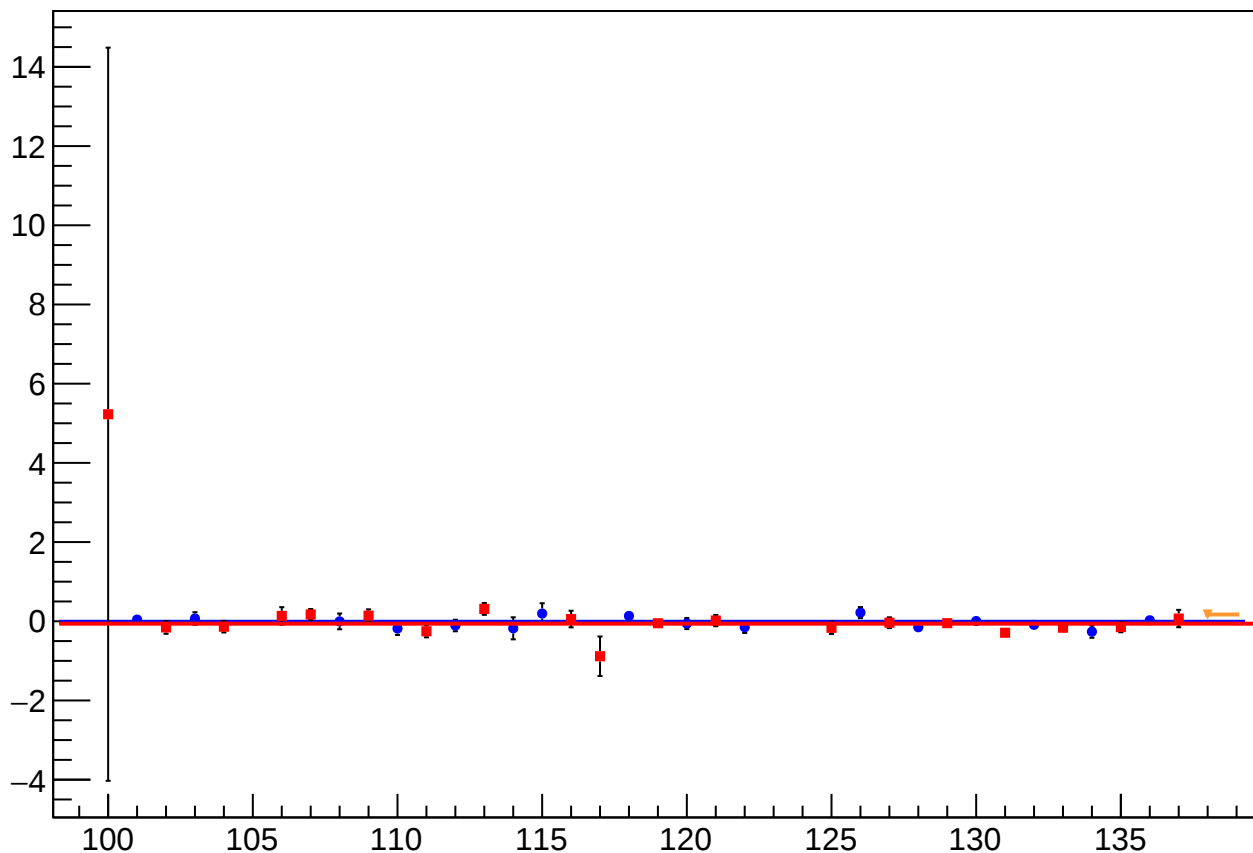
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.158+/-0.047 χ^2/NDF : 13.5/16

-0.017+/-0.035 χ^2/NDF : 70.5/35

-0.247+/-0.054 χ^2/NDF : 24.7/18

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.013 ± 0.033 χ^2/NDF : 13.6/15

Left Out: 0.171 ± 0.114 χ^2/NDF : 0.0/0

Right Out: -0.061 ± 0.034 χ^2/NDF : 23.1/18

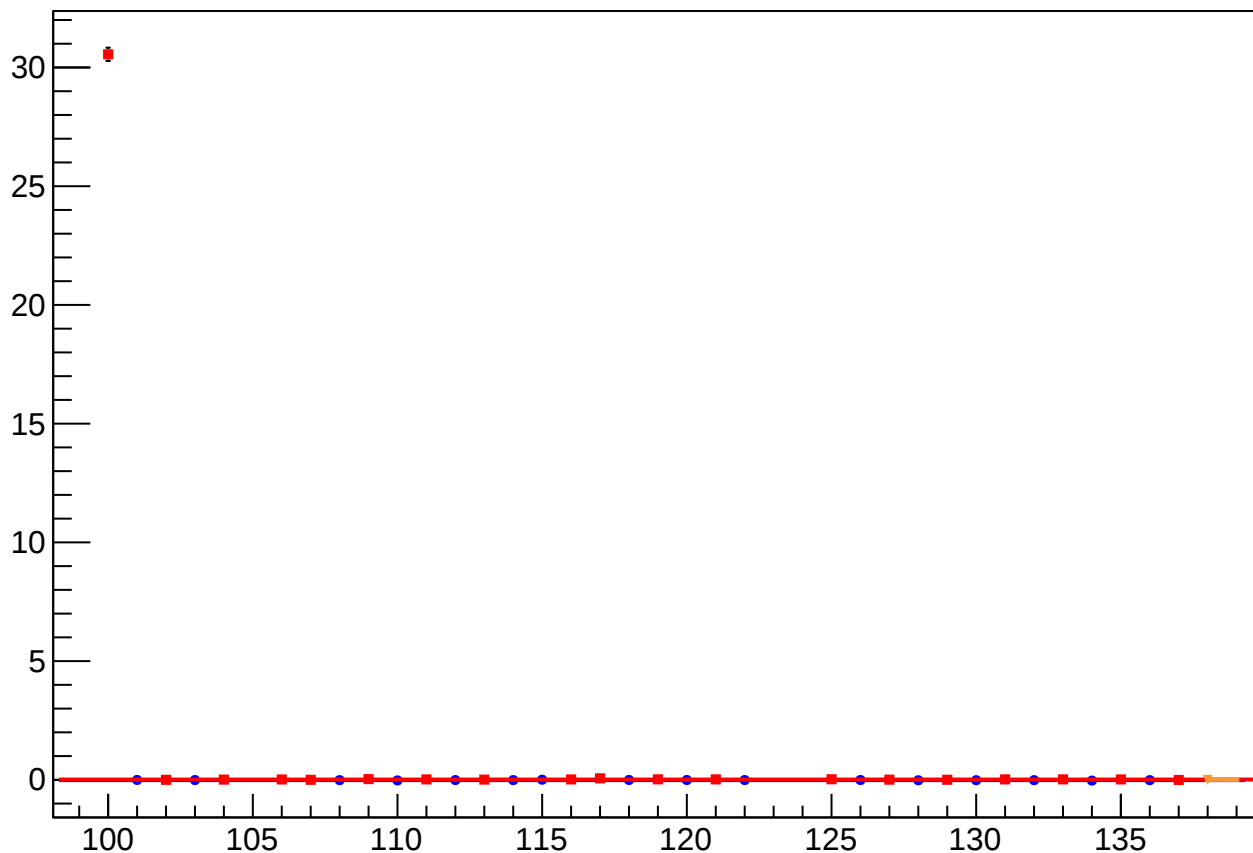
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.001 ± 0.032 χ^2/NDF : 16.1/16

-0.028 ± 0.023 χ^2/NDF : 40.9/35

-0.061 ± 0.034 χ^2/NDF : 23.1/18

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.002 ± 0.004 χ^2/NDF : 0.0/0

Right Out: 0.012 ± 0.002 χ^2/NDF : 11894.0/18

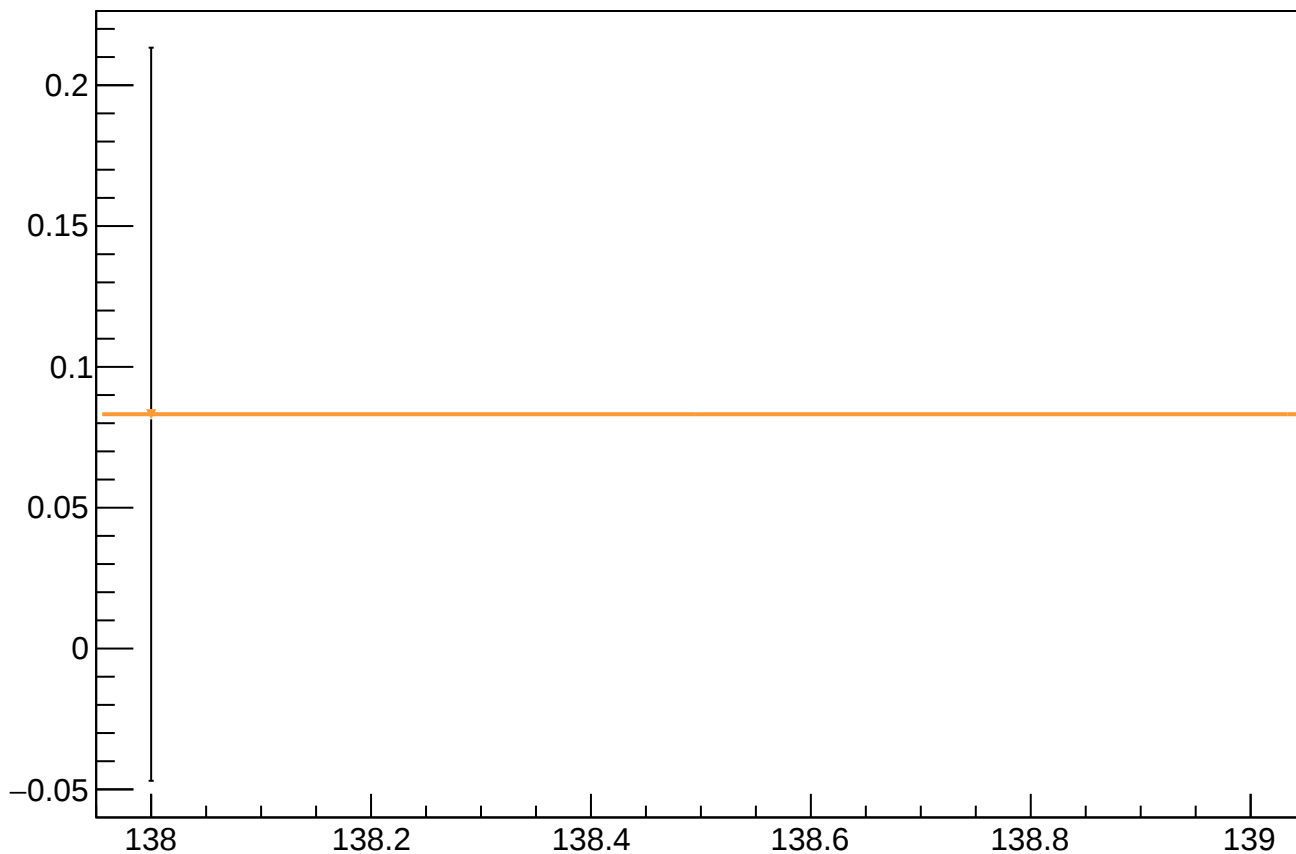
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.010 ± 0.002 χ^2/NDF : 18.3/16

0.000 ± 0.001 χ^2/NDF : 11997.4/35

0.012 ± 0.002 χ^2/NDF : 11894.0/18

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.083 $\pm$ 0.130 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

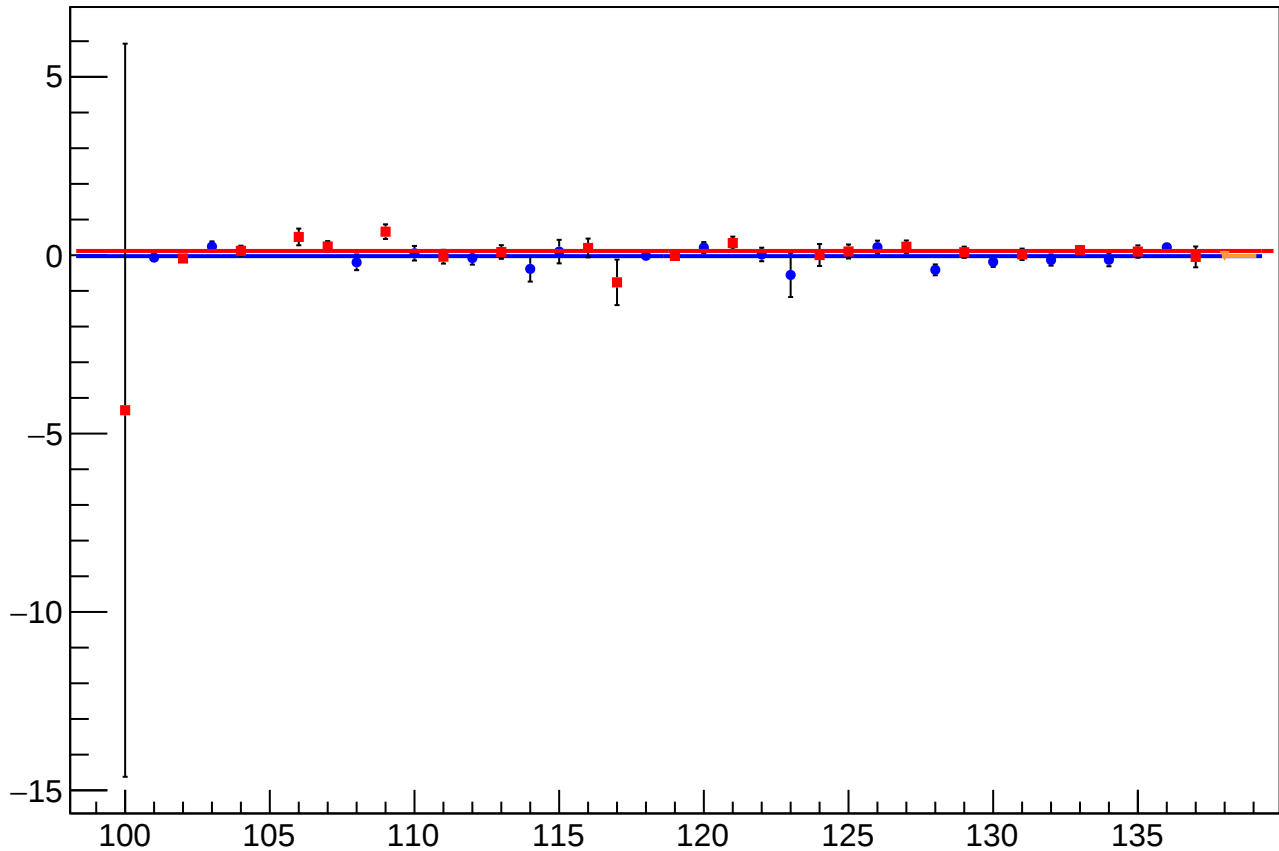
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.083 $\pm$ 0.130 χ^2 /NDF: 0.0/0

0.083 $\pm$ 0.130 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected

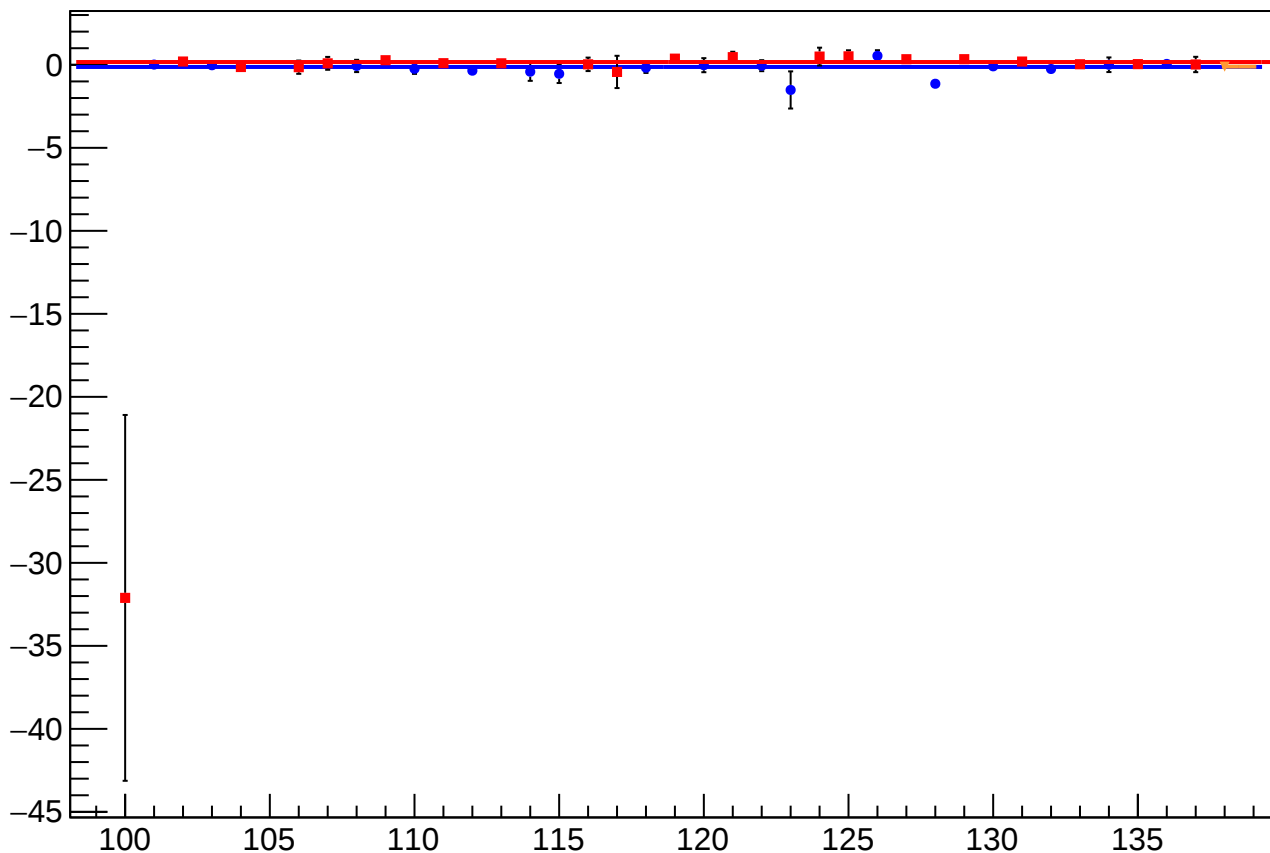


-0.026 ± 0.036 $\chi^2/\text{NDF}: 22.7/17$

0.040 ± 0.026 $\chi^2/\text{NDF}: 50.5/37$

0.120 ± 0.039 $\chi^2/\text{NDF}: 20.2/19$

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.129 ± 0.067 χ^2/NDF : 23.1/16

Left Out: -0.109 ± 0.141 χ^2/NDF : 0.0/0

Right Out: 0.169 ± 0.071 χ^2/NDF : 15.3/19

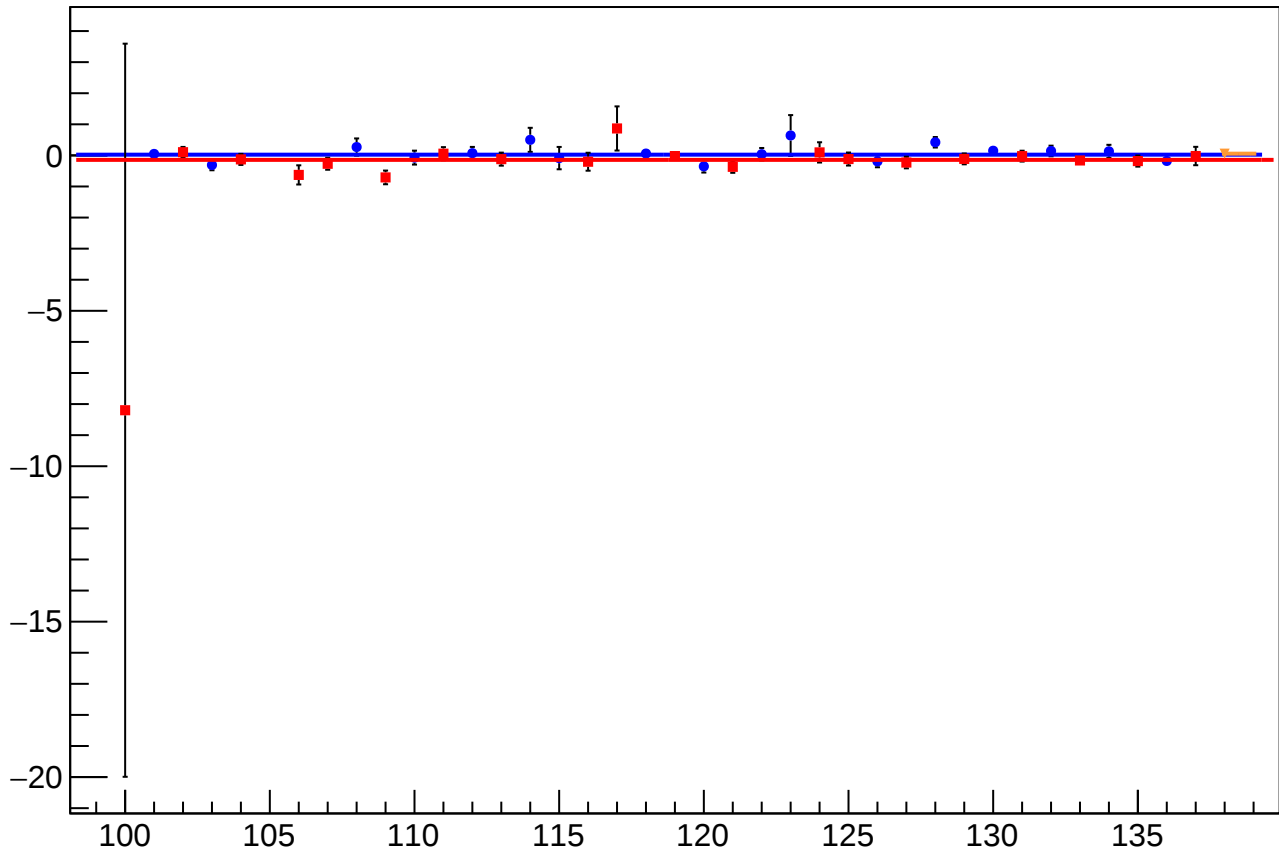
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.126 ± 0.061 χ^2/NDF : 23.1/17

-0.001 ± 0.046 χ^2/NDF : 48.4/37

0.169 ± 0.071 χ^2/NDF : 15.3/19

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.023+/-0.043 χ^2/NDF : 21.3/16

Left Out: 0.056+/-0.157 χ^2/NDF : 0.0/0

Right Out: -0.144+/-0.045 χ^2/NDF : 18.6/19

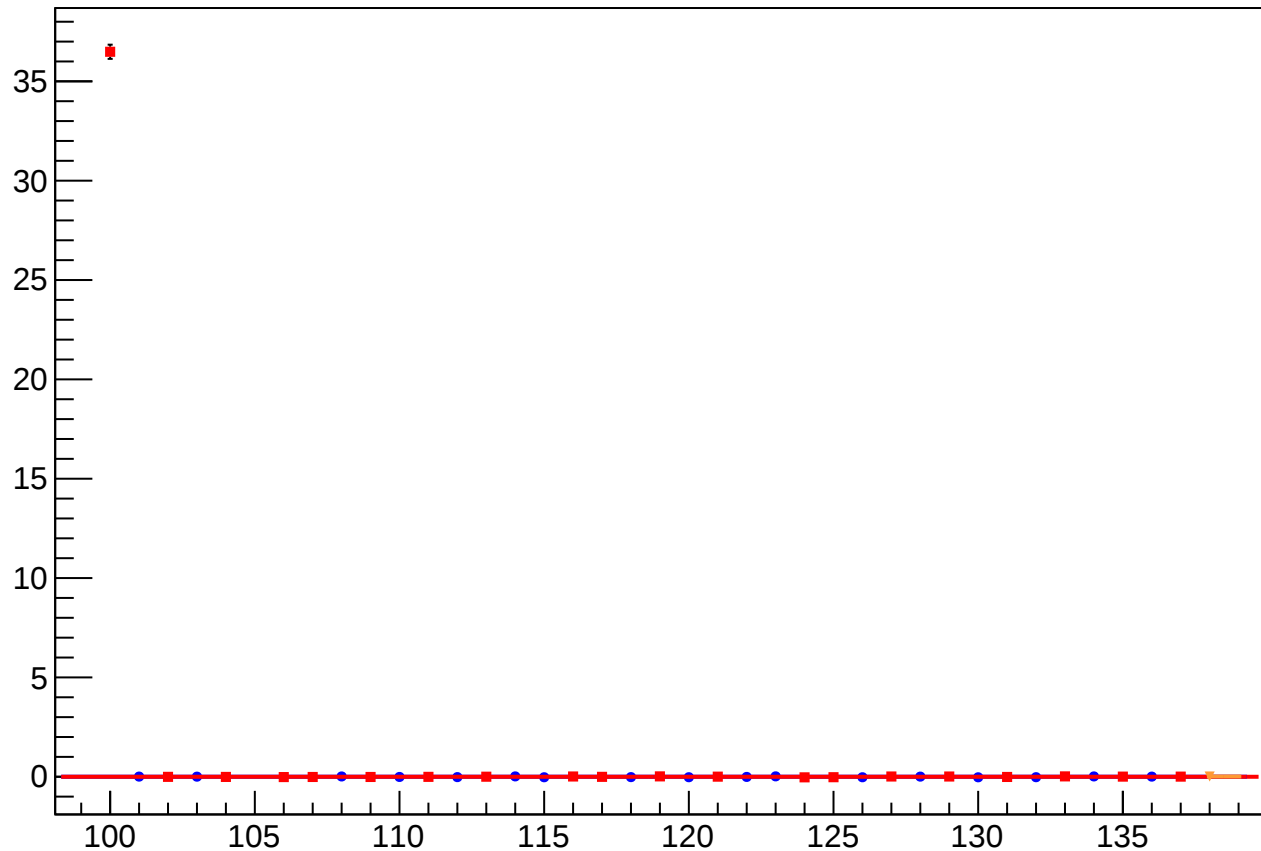
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.025+/-0.041 χ^2/NDF : 21.4/17

-0.051+/-0.030 χ^2/NDF : 47.7/37

-0.144+/-0.045 χ^2/NDF : 18.6/19

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 ± 0.002 χ^2/NDF : 30.6/16

Left Out: 0.012 ± 0.005 χ^2/NDF : 0.0/0

Right Out: -0.001 ± 0.002 χ^2/NDF : 10449.1/19

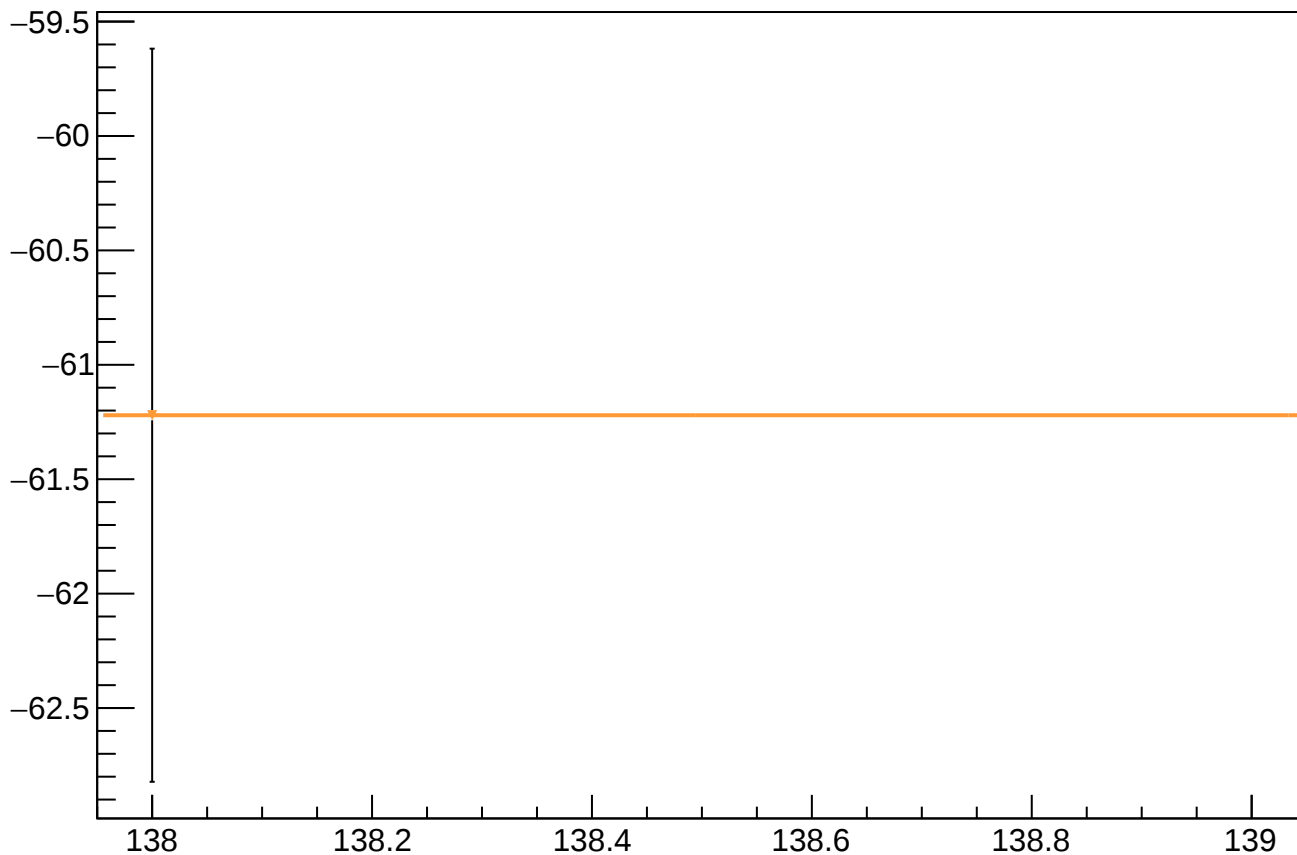
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.003 ± 0.002 χ^2/NDF : 33.6/17

0.001 ± 0.002 χ^2/NDF : 10484.3/37

-0.001 ± 0.002 χ^2/NDF : 10449.1/19

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -61.220+/-1.602 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

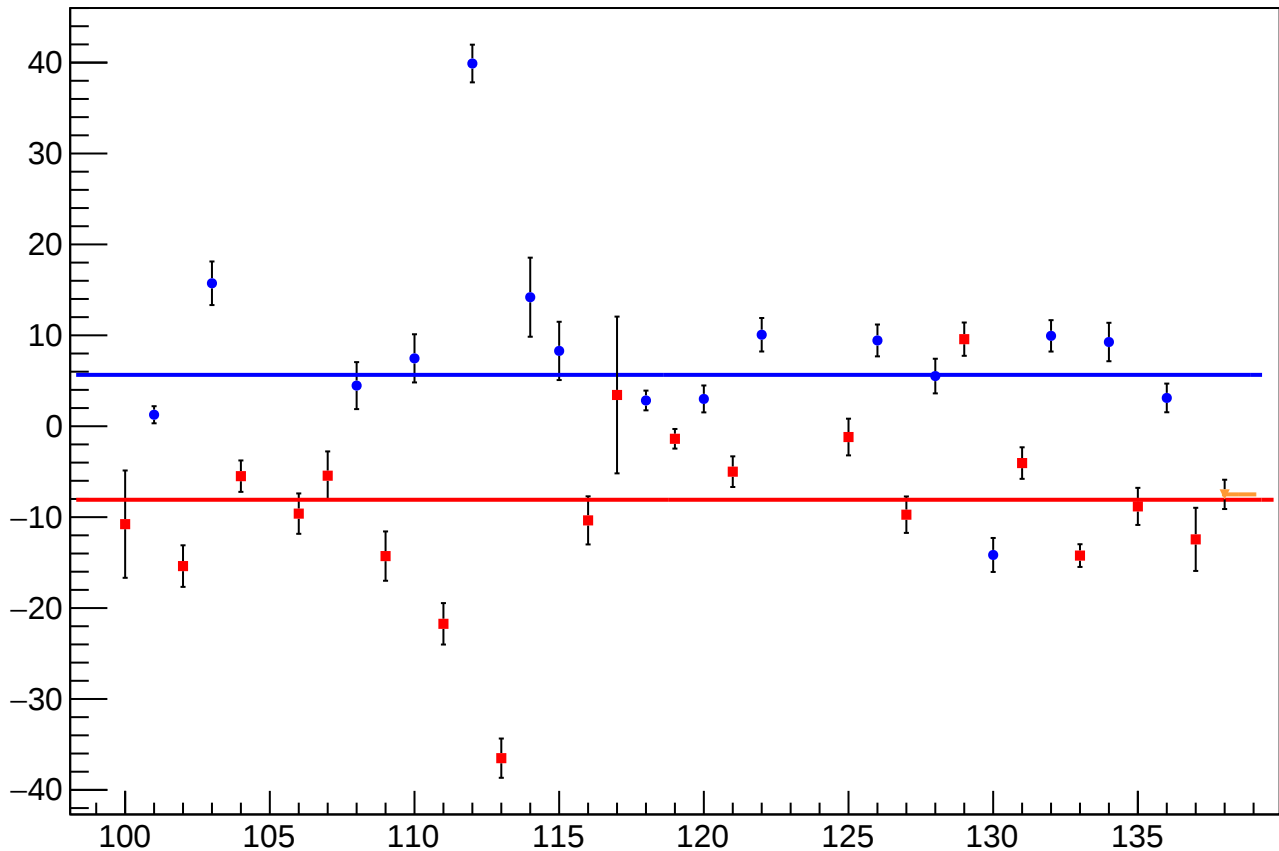
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-61.220+/-1.602 χ^2/NDF : 0.0/0

-61.220+/-1.602 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.651 $\pm$ 0.429 χ^2/NDF : 461.9/15

Left Out: -7.495 $\pm$ 1.611 χ^2/NDF : 0.0/0

Right Out: -8.087 $\pm$ 0.452 χ^2/NDF : 409.7/18

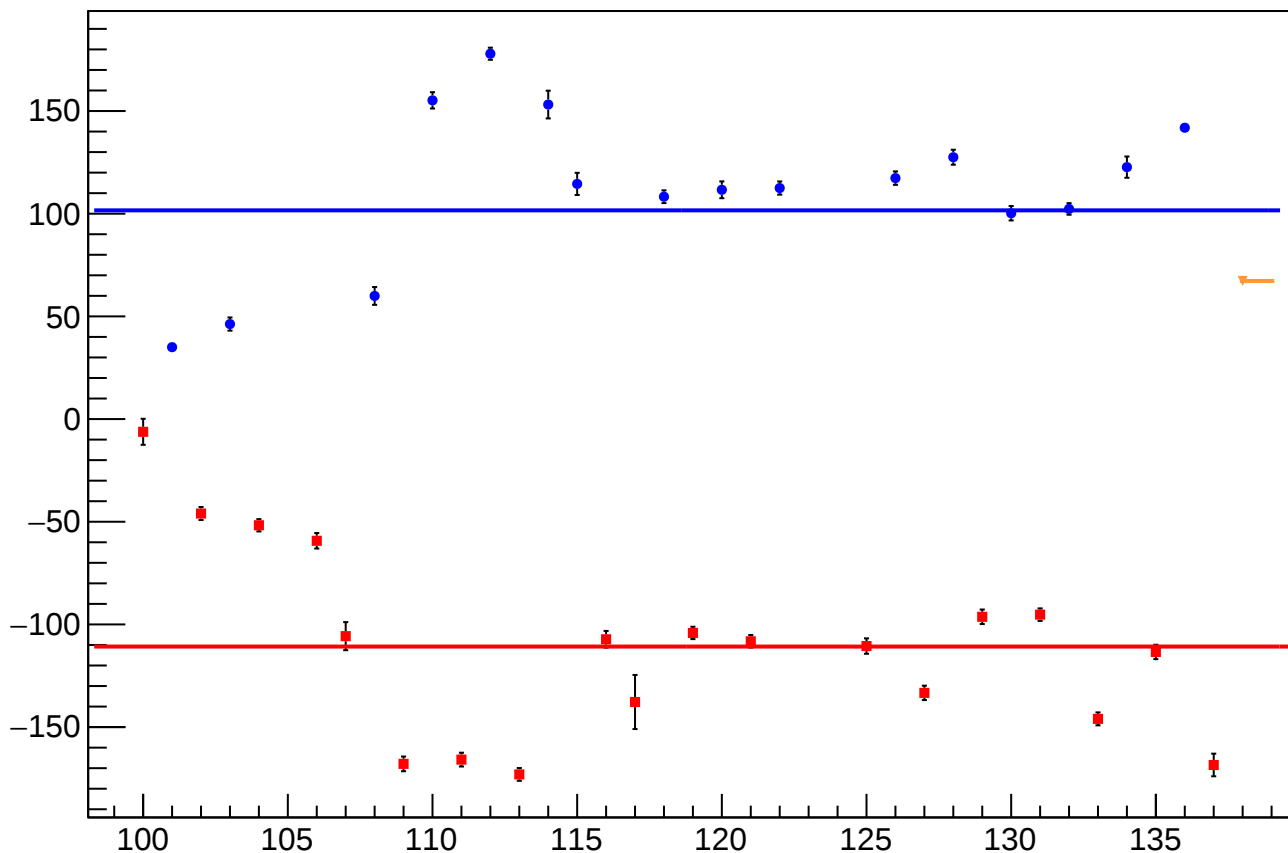
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

4.780 $\pm$ 0.415 χ^2/NDF : 524.1/16

-1.102 $\pm$ 0.306 χ^2/NDF : 1373.9/35

-8.087 $\pm$ 0.452 χ^2/NDF : 409.7/18

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.630 $\pm$ 0.812 χ^2 /NDF: 2980.2/15

Left Out: 67.251 $\pm$ 1.737 χ^2 /NDF: 0.0/0

Right Out: -110.778 $\pm$ 0.834 χ^2 /NDF: 2518.3/18

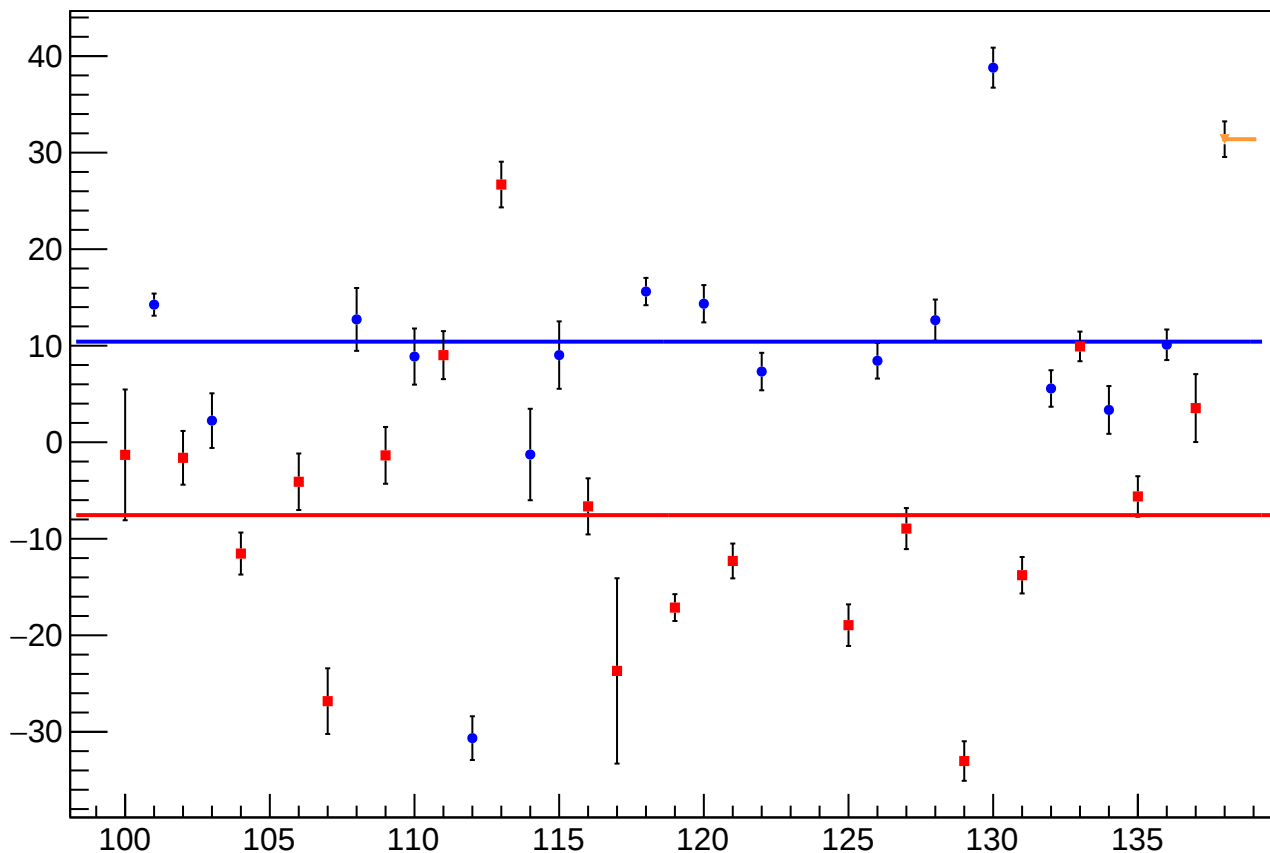
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

95.463 $\pm$ 0.736 χ^2 /NDF: 3301.7/16

5.270 $\pm$ 0.552 χ^2 /NDF: 40194.6/35

-110.778 $\pm$ 0.834 χ^2 /NDF: 2518.3/18

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.420 ± 0.497 χ^2/NDF : 579.7/15

Left Out: 31.394 ± 1.845 χ^2/NDF : 0.0/0

Right Out: -7.550 ± 0.522 χ^2/NDF : 692.3/18

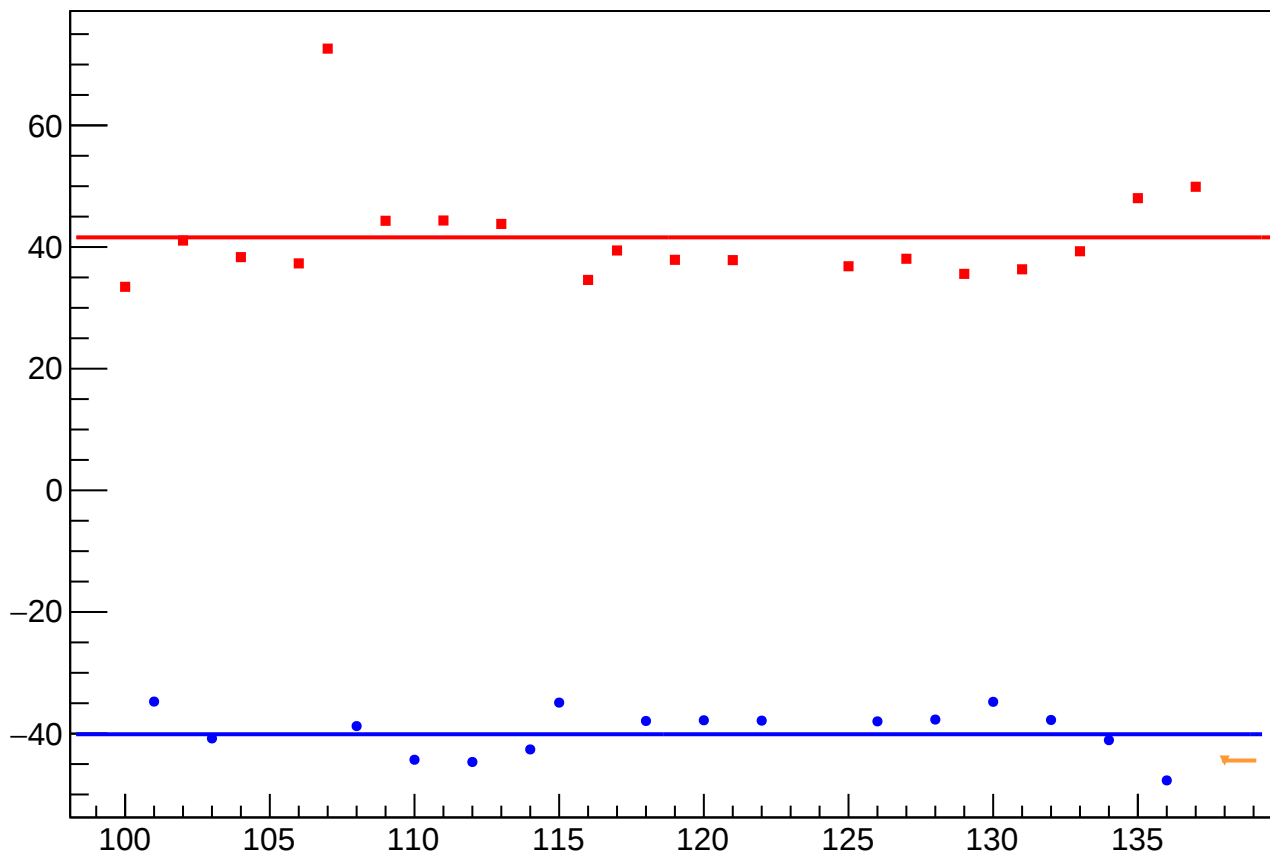
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

11.840 ± 0.480 χ^2/NDF : 700.2/16

2.960 ± 0.354 χ^2/NDF : 2139.0/35

-7.550 ± 0.522 χ^2/NDF : 692.3/18

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.098 ± 0.028 χ^2/NDF : 25073.4/15

Left Out: -44.418 ± 0.069 χ^2/NDF : 0.0/0

Right Out: 41.588 ± 0.029 χ^2/NDF : 61690.5/18

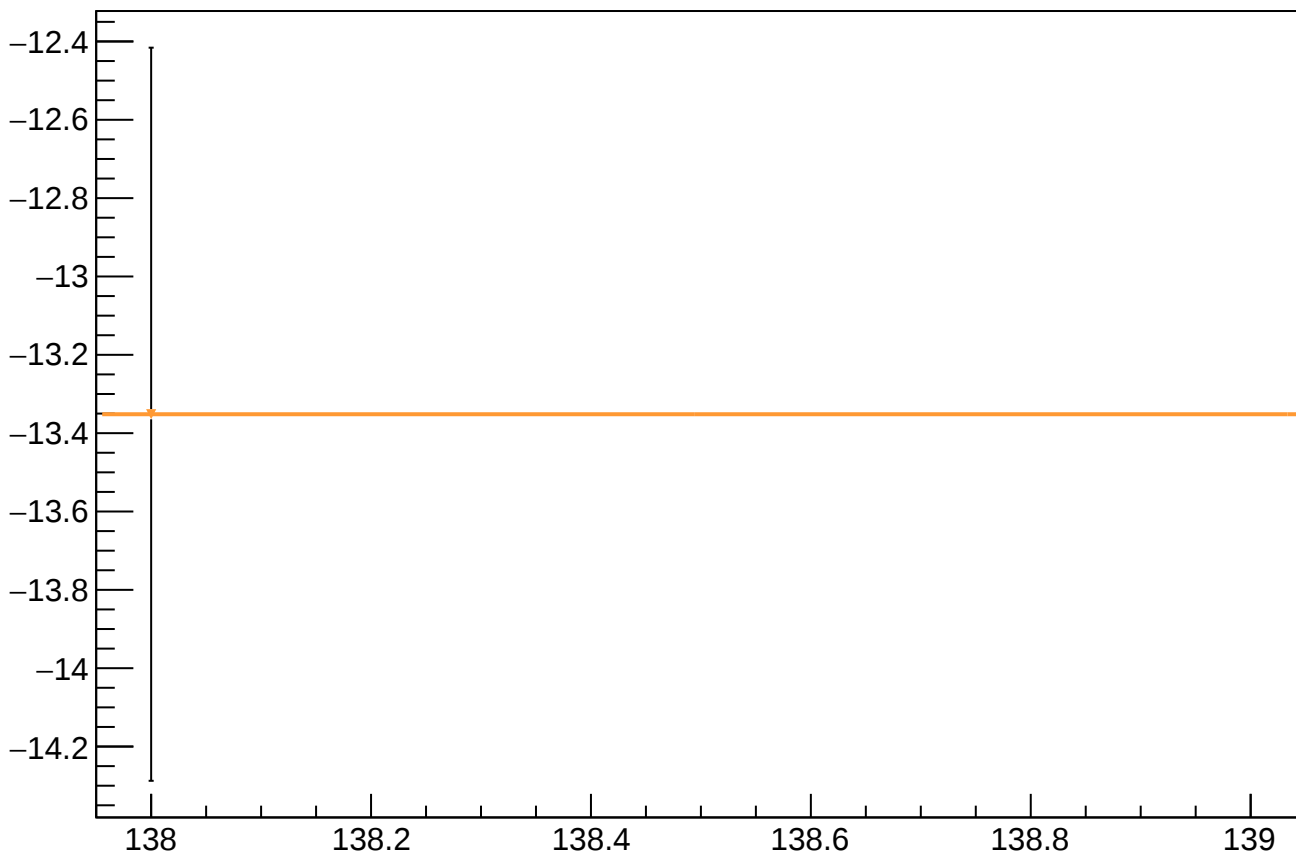
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-40.726 ± 0.026 χ^2/NDF : 28454.0/16

-3.151 ± 0.019 χ^2/NDF : 4603000.4/35

41.588 ± 0.029 χ^2/NDF : 61690.5/18

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.352+/-0.936 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

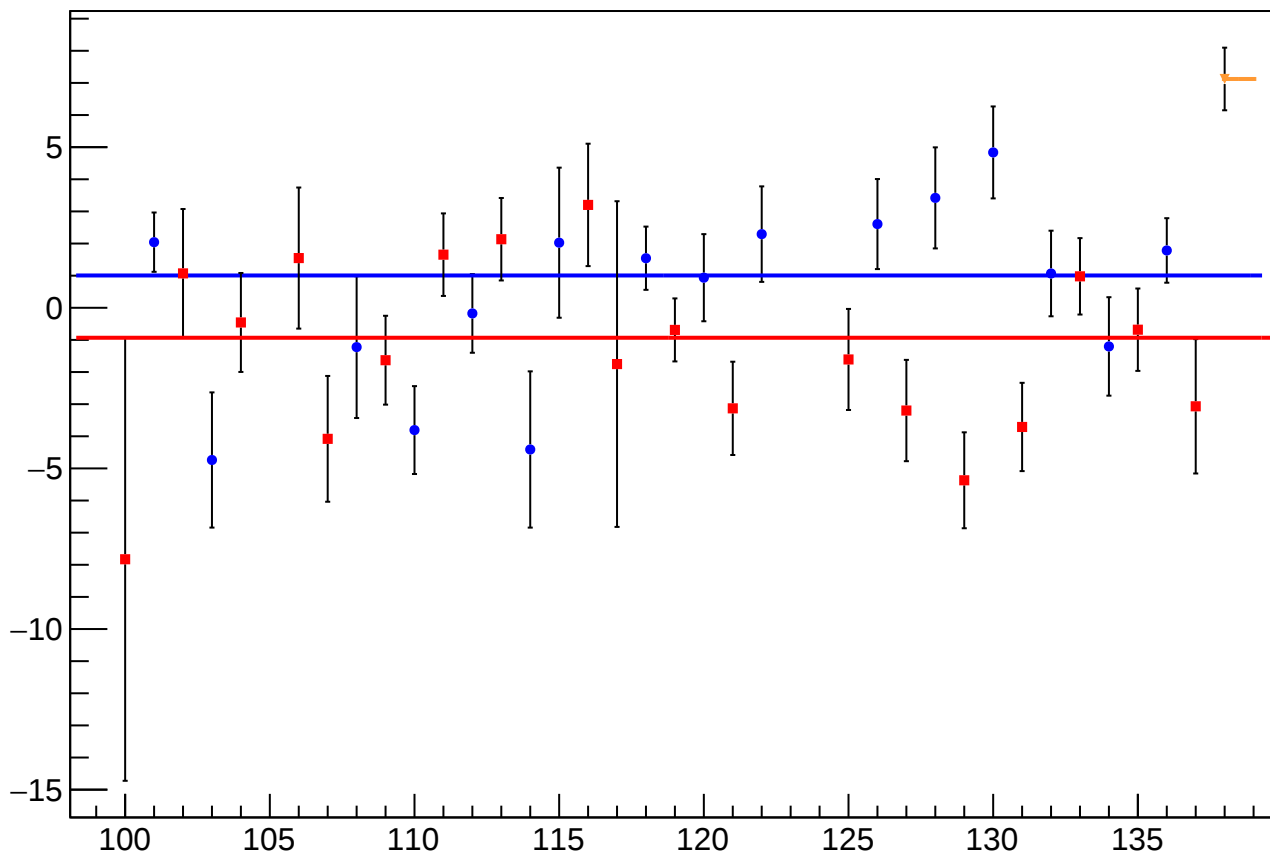
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-13.352+/-0.936 χ^2/NDF : 0.0/0

-13.352+/-0.936 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.006 ± 0.342 $\chi^2/\text{NDF}: 42.7/15$

Left Out: 7.123 ± 0.975 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.933 ± 0.352 $\chi^2/\text{NDF}: 41.9/18$

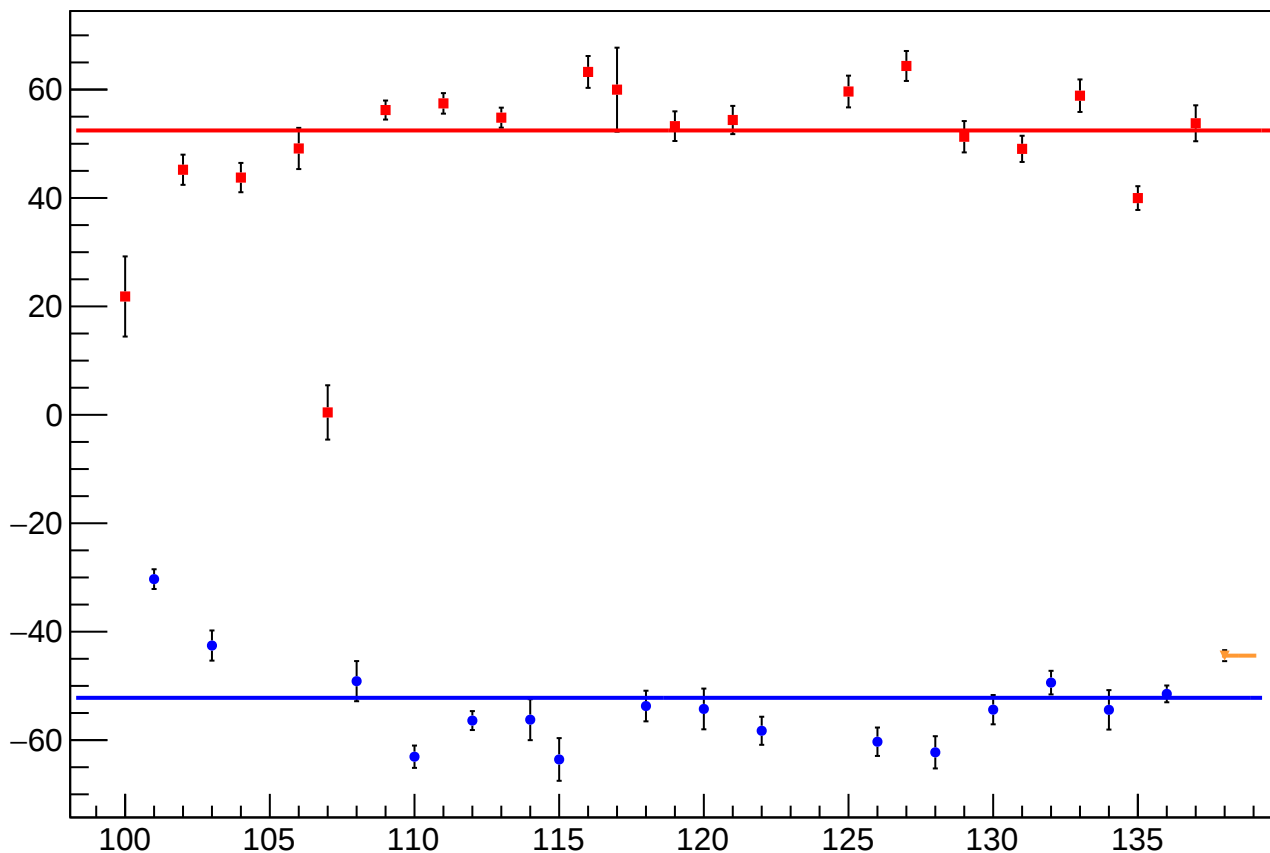
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

1.675 ± 0.322 $\chi^2/\text{NDF}: 77.8/16$

0.487 ± 0.238 $\chi^2/\text{NDF}: 149.5/35$

-0.933 ± 0.352 $\chi^2/\text{NDF}: 41.9/18$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.200 ± 0.615 $\chi^2/\text{NDF}: 230.6/15$

Left Out: -44.419 ± 1.015 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 52.455 ± 0.614 $\chi^2/\text{NDF}: 234.8/18$

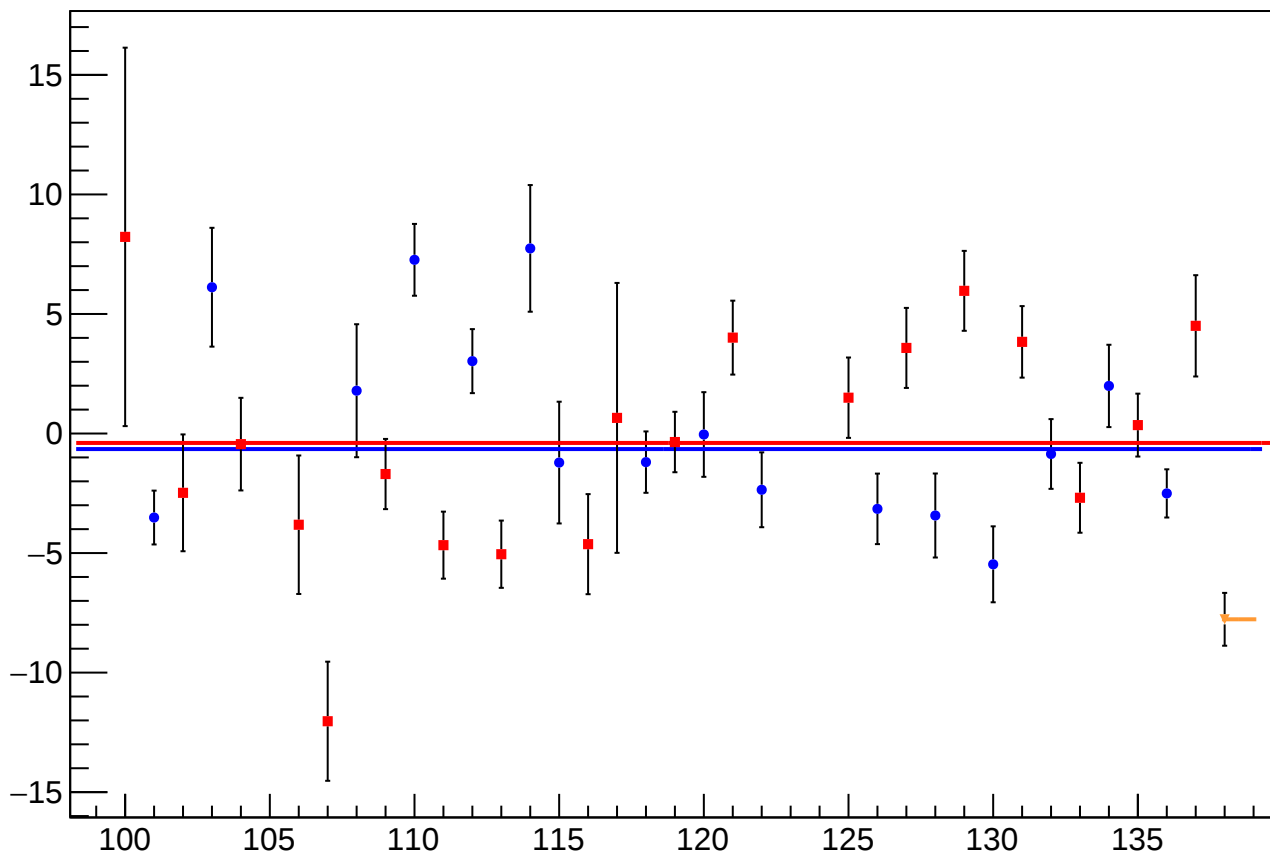
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-50.112 ± 0.526 $\chi^2/\text{NDF}: 273.6/16$

-6.731 ± 0.399 $\chi^2/\text{NDF}: 16607.8/35$

52.455 ± 0.614 $\chi^2/\text{NDF}: 234.8/18$

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.651 ± 0.387 χ^2/NDF : 81.9/15

Left Out: -7.771 ± 1.105 χ^2/NDF : 0.0/0

Right Out: -0.394 ± 0.398 χ^2/NDF : 95.9/18

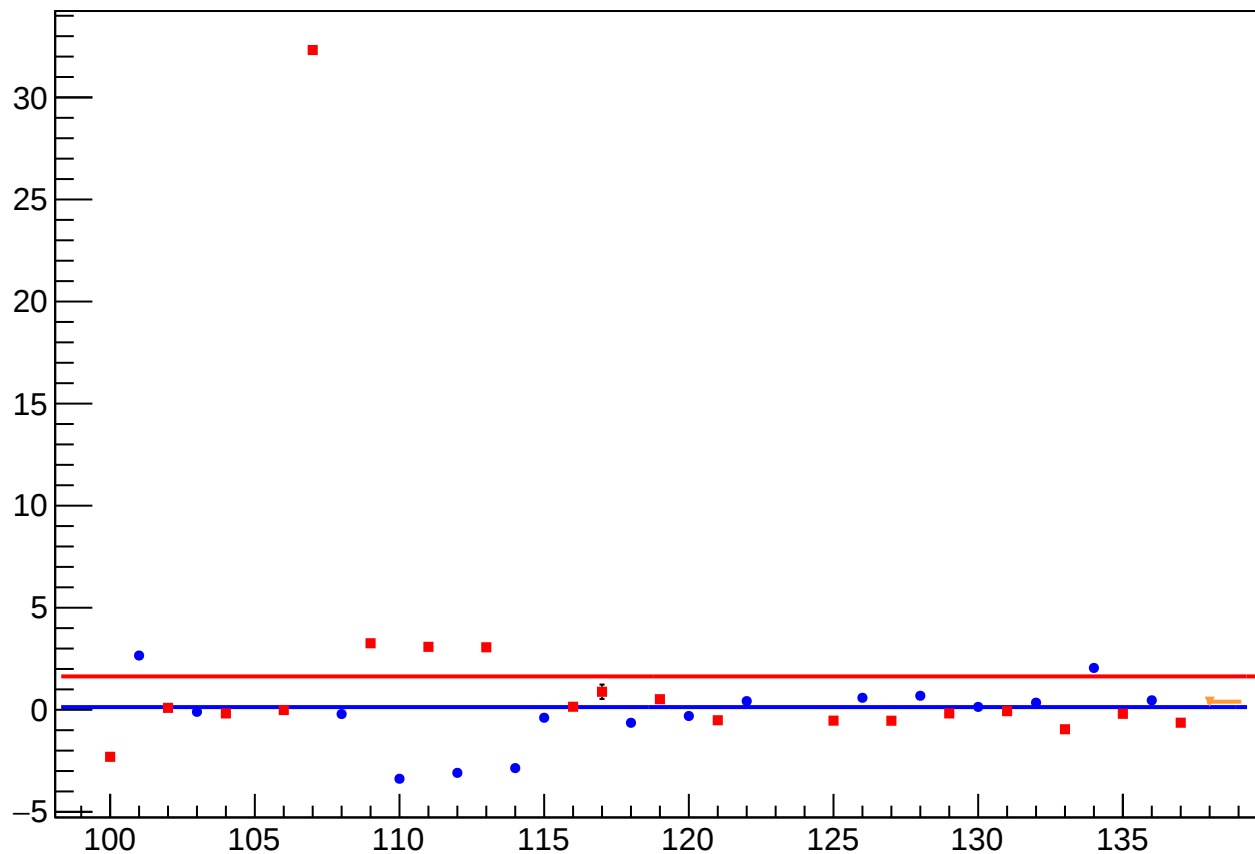
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.428 ± 0.365 χ^2/NDF : 118.9/16

-0.956 ± 0.269 χ^2/NDF : 218.5/35

-0.394 ± 0.398 χ^2/NDF : 95.9/18

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.132 ± 0.022 χ^2/NDF : 5247.5/15

Left Out: 0.397 ± 0.040 χ^2/NDF : 0.0/0

Right Out: 1.635 ± 0.022 χ^2/NDF : 77852.9/18

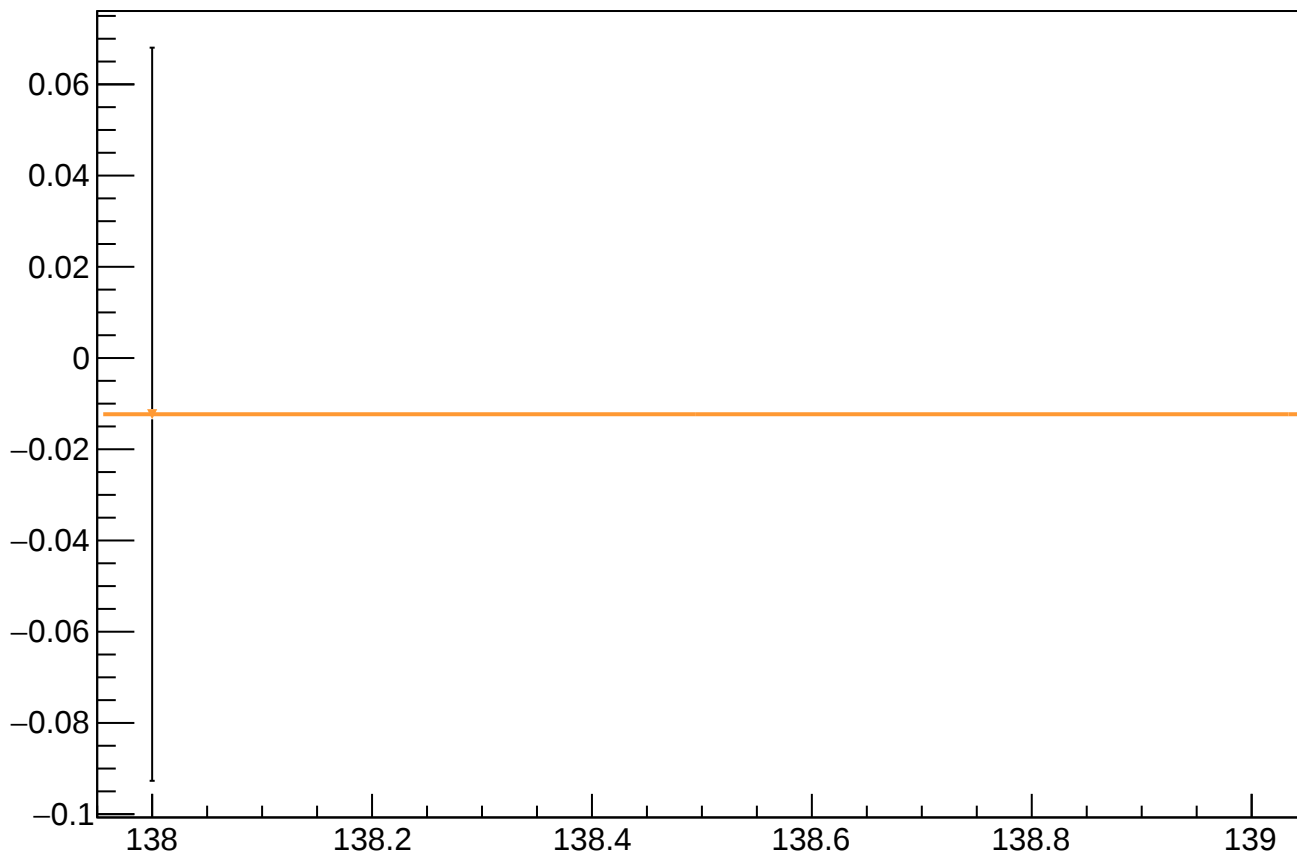
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.192 ± 0.019 χ^2/NDF : 5281.9/16

0.813 ± 0.014 χ^2/NDF : 85632.0/35

1.635 ± 0.022 χ^2/NDF : 77852.9/18

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.012+/-0.080 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

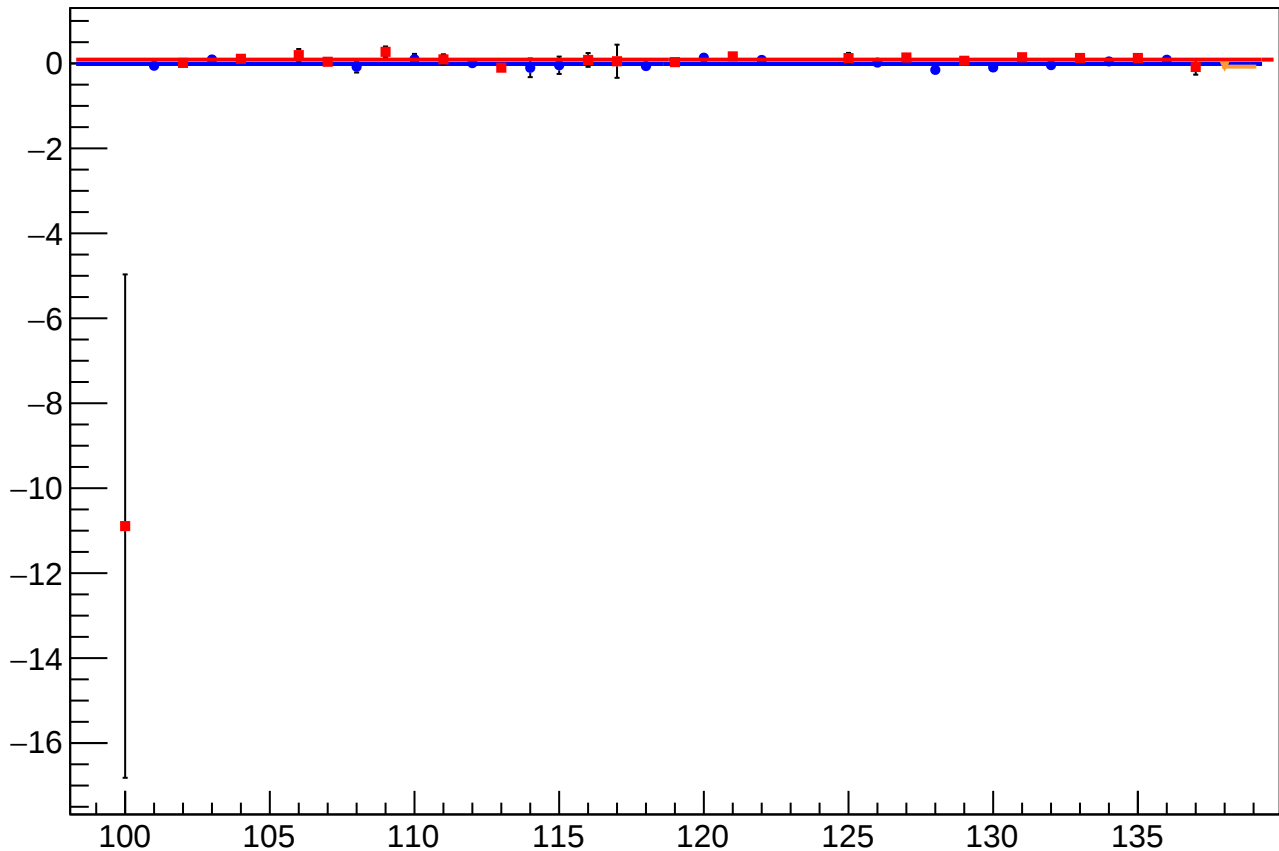
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.012+/-0.080 χ^2/NDF : 0.0/0

-0.012+/-0.080 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.023 χ^2 /NDF: 11.7/15

Left Out: -0.076 $\pm$ 0.086 χ^2 /NDF: 0.0/0

Right Out: 0.089 $\pm$ 0.025 χ^2 /NDF: 13.0/18

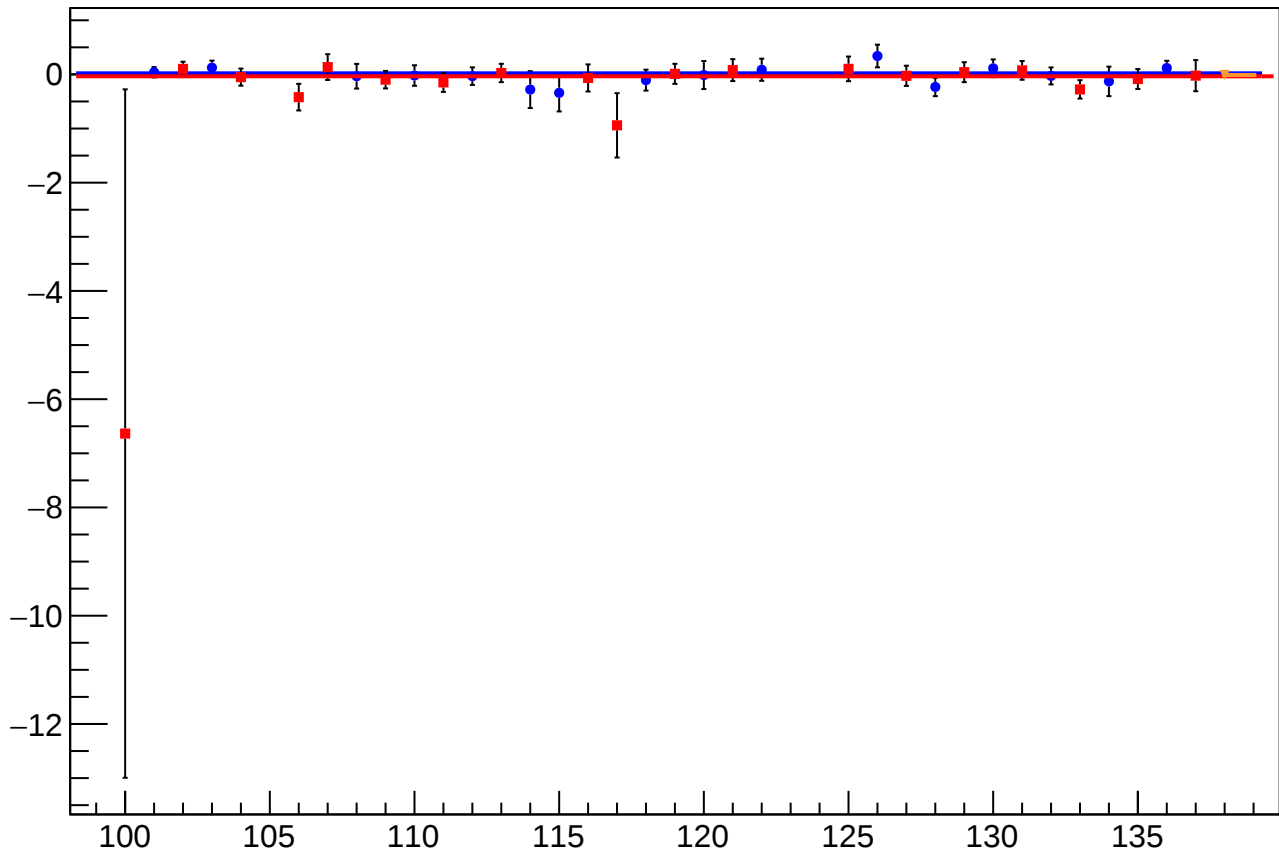
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.017 $\pm$ 0.023 χ^2 /NDF: 12.2/16

0.031 $\pm$ 0.017 χ^2 /NDF: 35.2/35

0.089 $\pm$ 0.025 χ^2 /NDF: 13.0/18

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.020+/-0.043 χ^2/NDF : 9.1/15

Left Out: -0.010+/-0.087 χ^2/NDF : 0.0/0

Right Out: -0.035+/-0.045 χ^2/NDF : 11.6/18

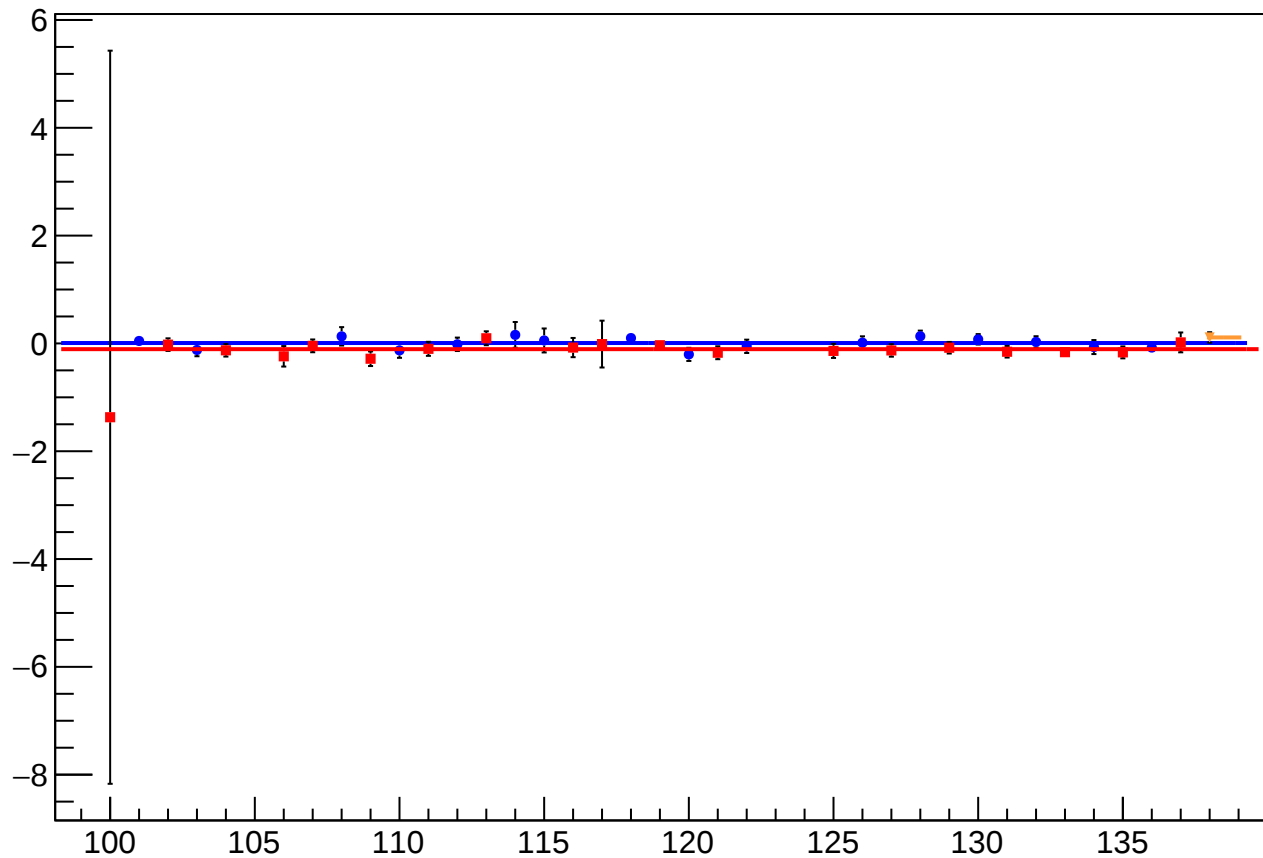
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.039 χ^2/NDF : 9.2/16

-0.007+/-0.029 χ^2/NDF : 21.4/35

-0.035+/-0.045 χ^2/NDF : 11.6/18

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.027 χ^2 /NDF: 11.3/15

Left Out: 0.111 $\pm$ 0.097 χ^2 /NDF: 0.0/0

Right Out: -0.106 $\pm$ 0.029 χ^2 /NDF: 8.2/18

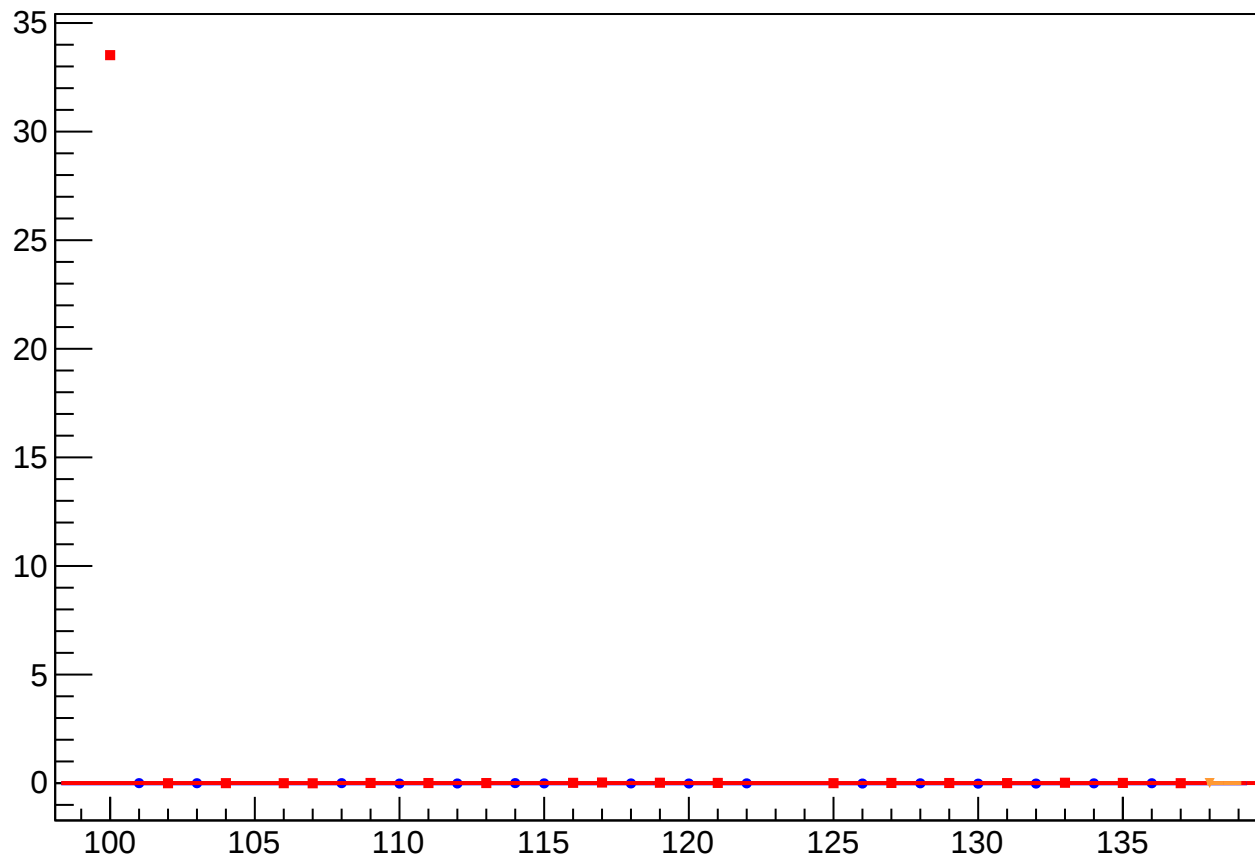
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.015 $\pm$ 0.026 χ^2 /NDF: 12.3/16

-0.040 $\pm$ 0.019 χ^2 /NDF: 30.4/35

-0.106 $\pm$ 0.029 χ^2 /NDF: 8.2/18

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005+/-0.001 χ^2/NDF : 21.8/15

Left Out: 0.005+/-0.003 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.001 χ^2/NDF : 26509.5/18

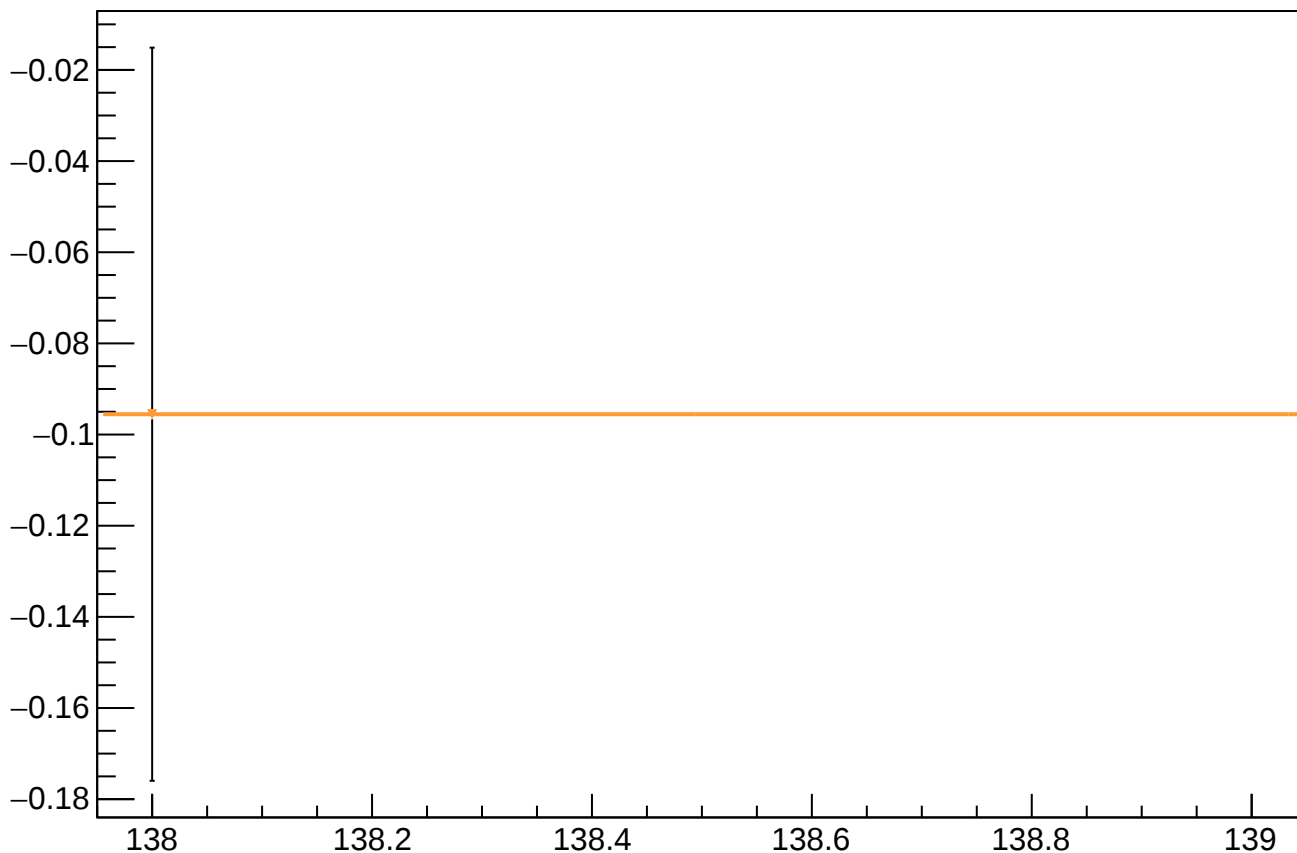
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.004+/-0.001 χ^2/NDF : 29.6/16

0.001+/-0.001 χ^2/NDF : 26563.2/35

0.006+/-0.001 χ^2/NDF : 26509.5/18

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.096+/-0.080 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

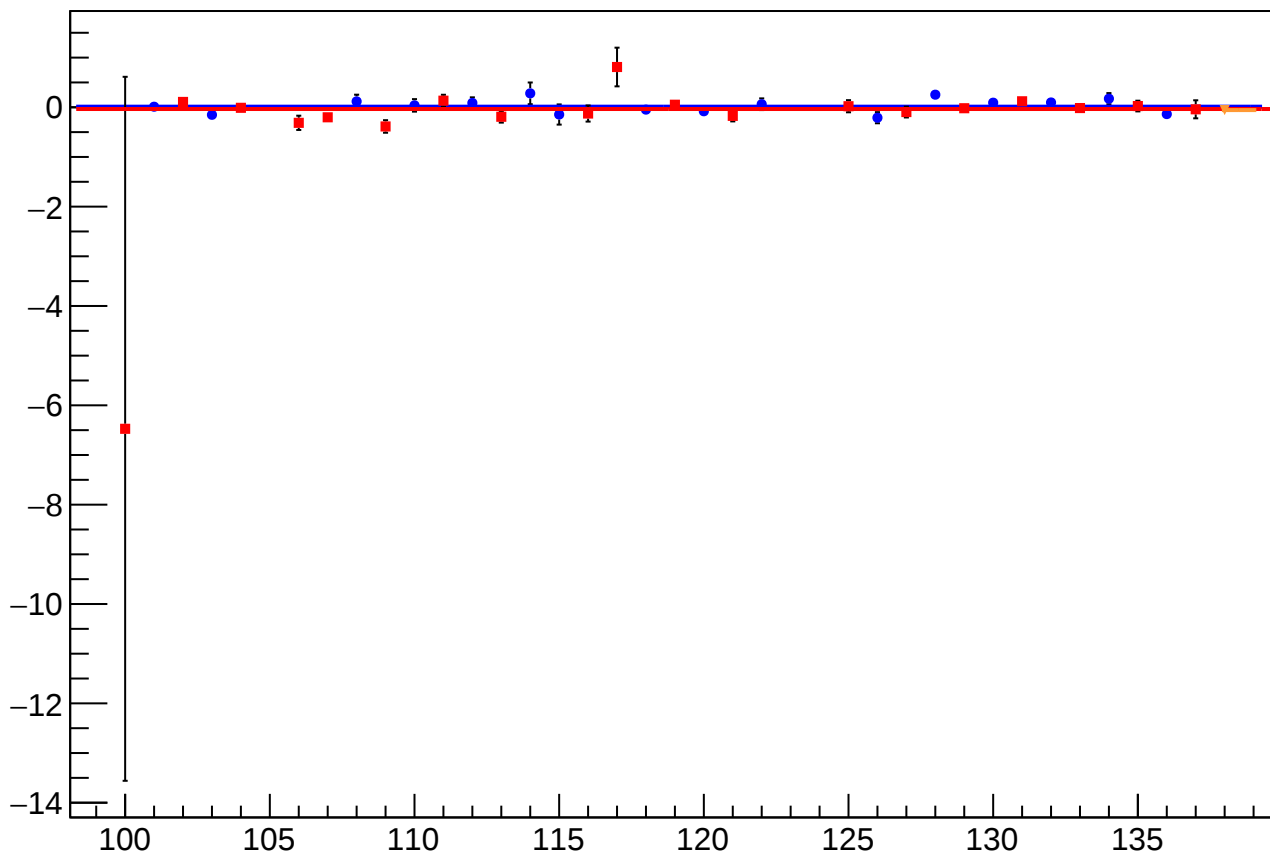
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.096+/-0.080 χ^2/NDF : 0.0/0

-0.096+/-0.080 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.023 χ^2 /NDF: 25.0/15

Left Out: -0.056 $\pm$ 0.086 χ^2 /NDF: 0.0/0

Right Out: -0.035 $\pm$ 0.025 χ^2 /NDF: 33.2/18

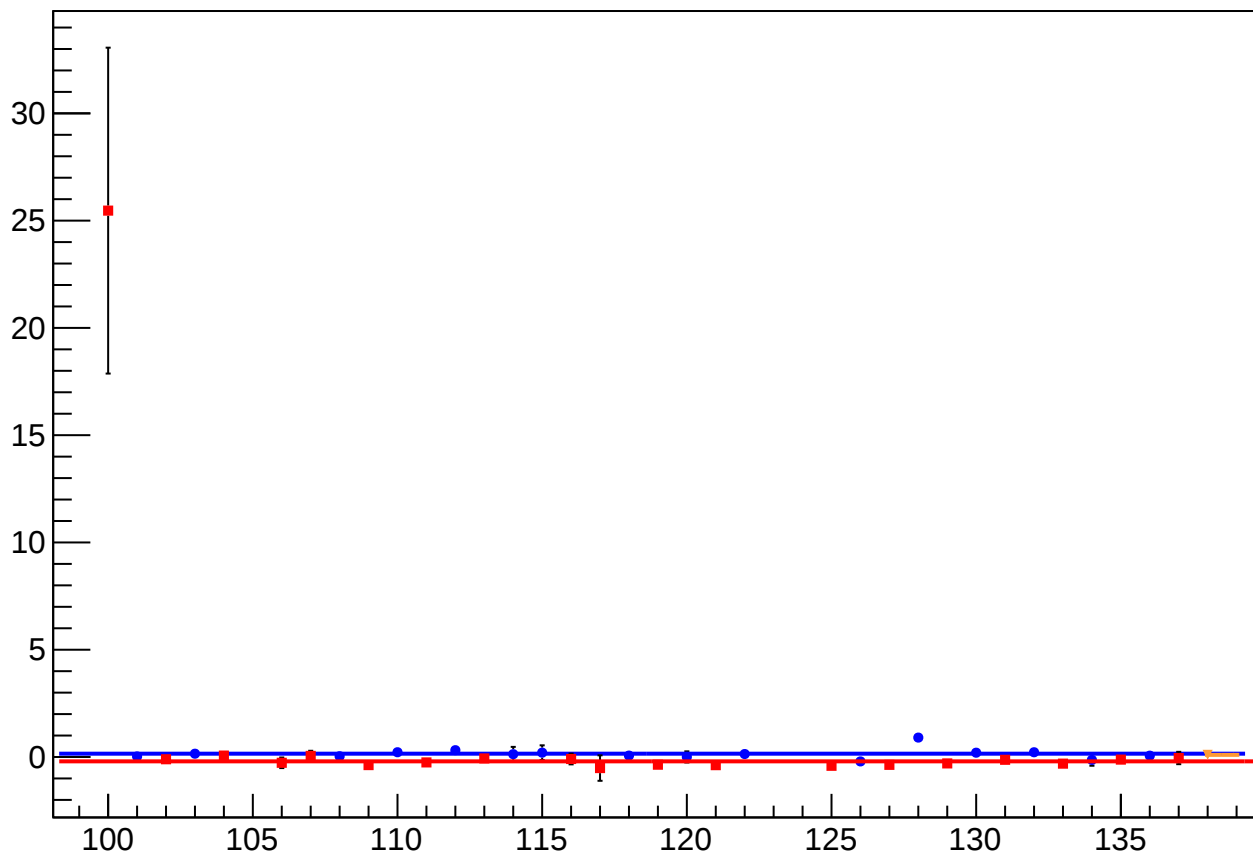
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.007 $\pm$ 0.023 χ^2 /NDF: 25.6/16

-0.012 $\pm$ 0.017 χ^2 /NDF: 60.4/35

-0.035 $\pm$ 0.025 χ^2 /NDF: 33.2/18

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 ± 0.043 χ^2/NDF : 27.9/15

Left Out: 0.100 ± 0.087 χ^2/NDF : 0.0/0

Right Out: -0.203 ± 0.045 χ^2/NDF : 22.9/18

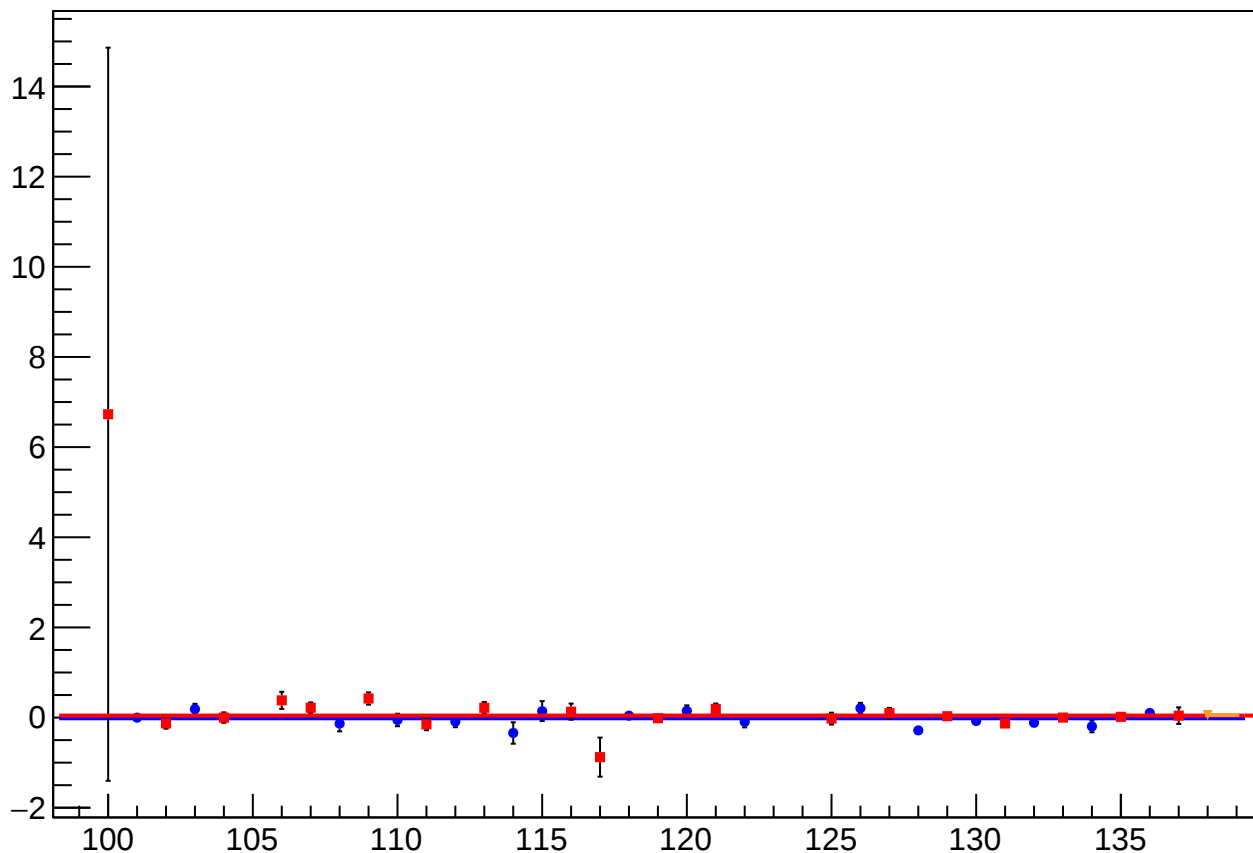
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.144 ± 0.039 χ^2/NDF : 28.3/16

-0.003 ± 0.029 χ^2/NDF : 85.4/35

-0.203 ± 0.045 χ^2/NDF : 22.9/18

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.016+/-0.027 χ^2/NDF : 24.3/15

Left Out: 0.057+/-0.097 χ^2/NDF : 0.0/0

Right Out: 0.044+/-0.029 χ^2/NDF : 30.5/18

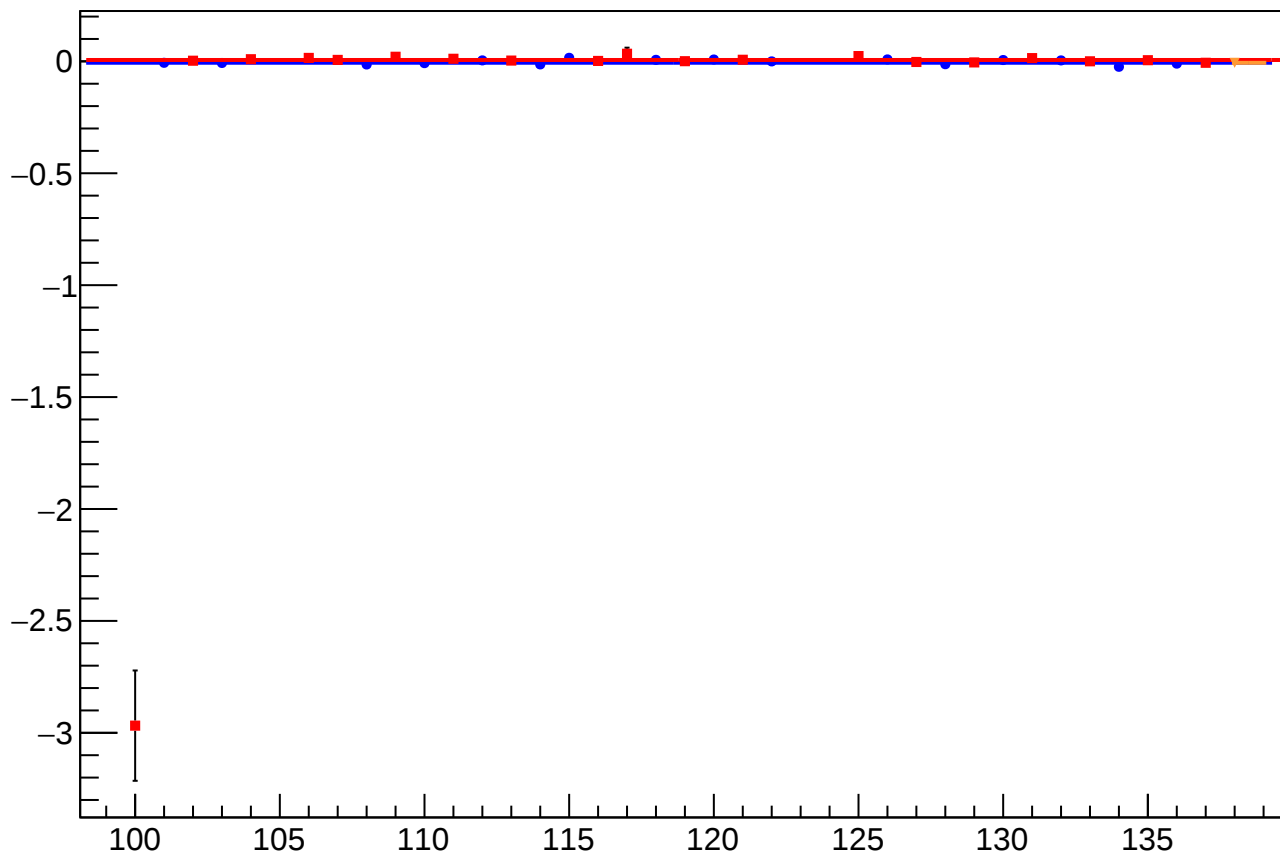
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.011+/-0.026 χ^2/NDF : 24.9/16

0.014+/-0.019 χ^2/NDF : 57.4/35

0.044+/-0.029 χ^2/NDF : 30.5/18

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.001 χ^2 /NDF: 27.3/15

Left Out: -0.007 $\pm$ 0.003 χ^2 /NDF: 0.0/0

Right Out: 0.006 $\pm$ 0.001 χ^2 /NDF: 167.0/18

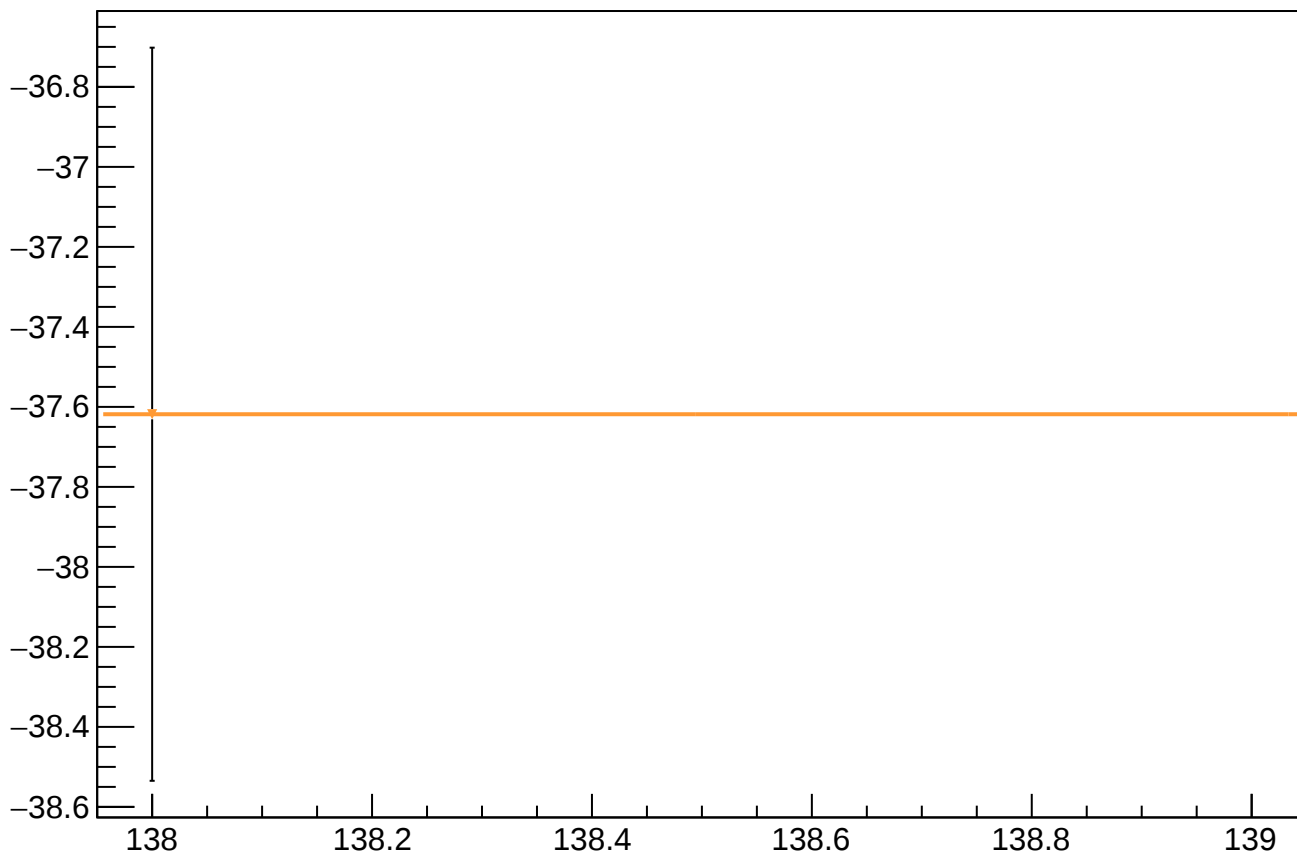
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.006 $\pm$ 0.001 χ^2 /NDF: 27.4/16

-0.001 $\pm$ 0.001 χ^2 /NDF: 233.0/35

0.006 $\pm$ 0.001 χ^2 /NDF: 167.0/18

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -37.618+/-0.916 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

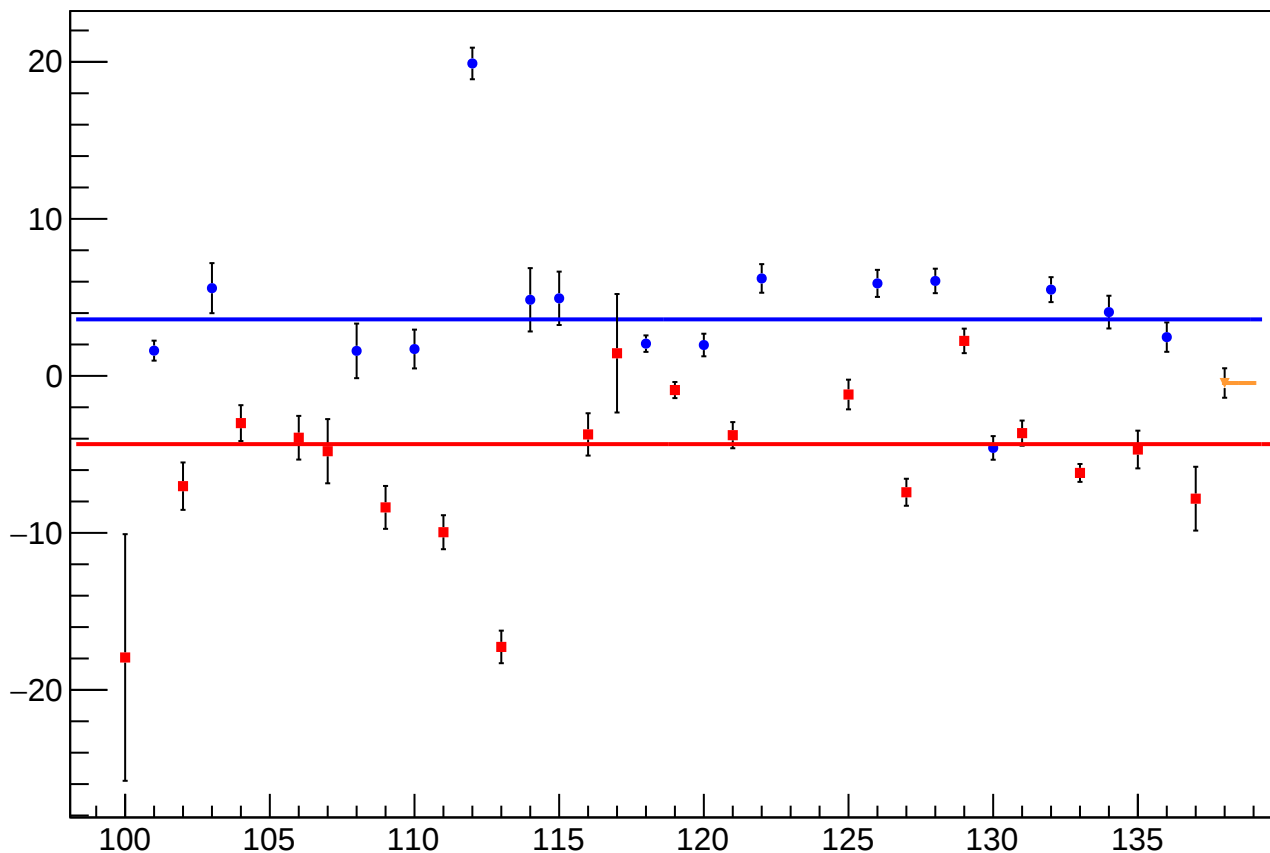
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-37.618+/-0.916 χ^2/NDF : 0.0/0

-37.618+/-0.916 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.599 ± 0.220 χ^2/NDF : 443.4/15

Left Out: -0.454 ± 0.939 χ^2/NDF : 0.0/0

Right Out: -4.347 ± 0.224 χ^2/NDF : 355.4/18

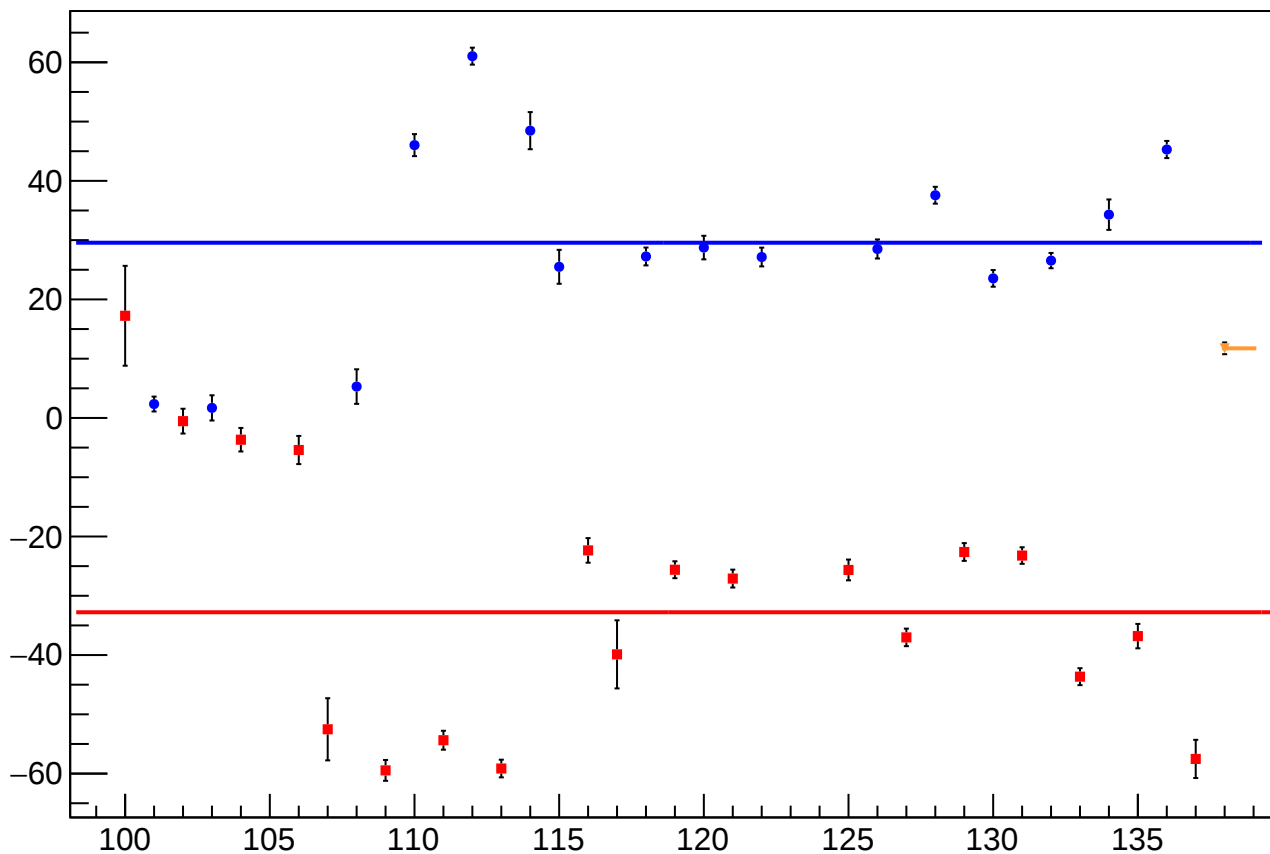
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

3.387 ± 0.215 χ^2/NDF : 461.1/16

-0.305 ± 0.155 χ^2/NDF : 1437.2/35

-4.347 ± 0.224 χ^2/NDF : 355.4/18

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.564 $\pm$ 0.420 χ^2 /NDF: 1494.6/15

Left Out: 11.746 $\pm$ 0.994 χ^2 /NDF: 0.0/0

Right Out: -32.780 $\pm$ 0.422 χ^2 /NDF: 1664.8/18

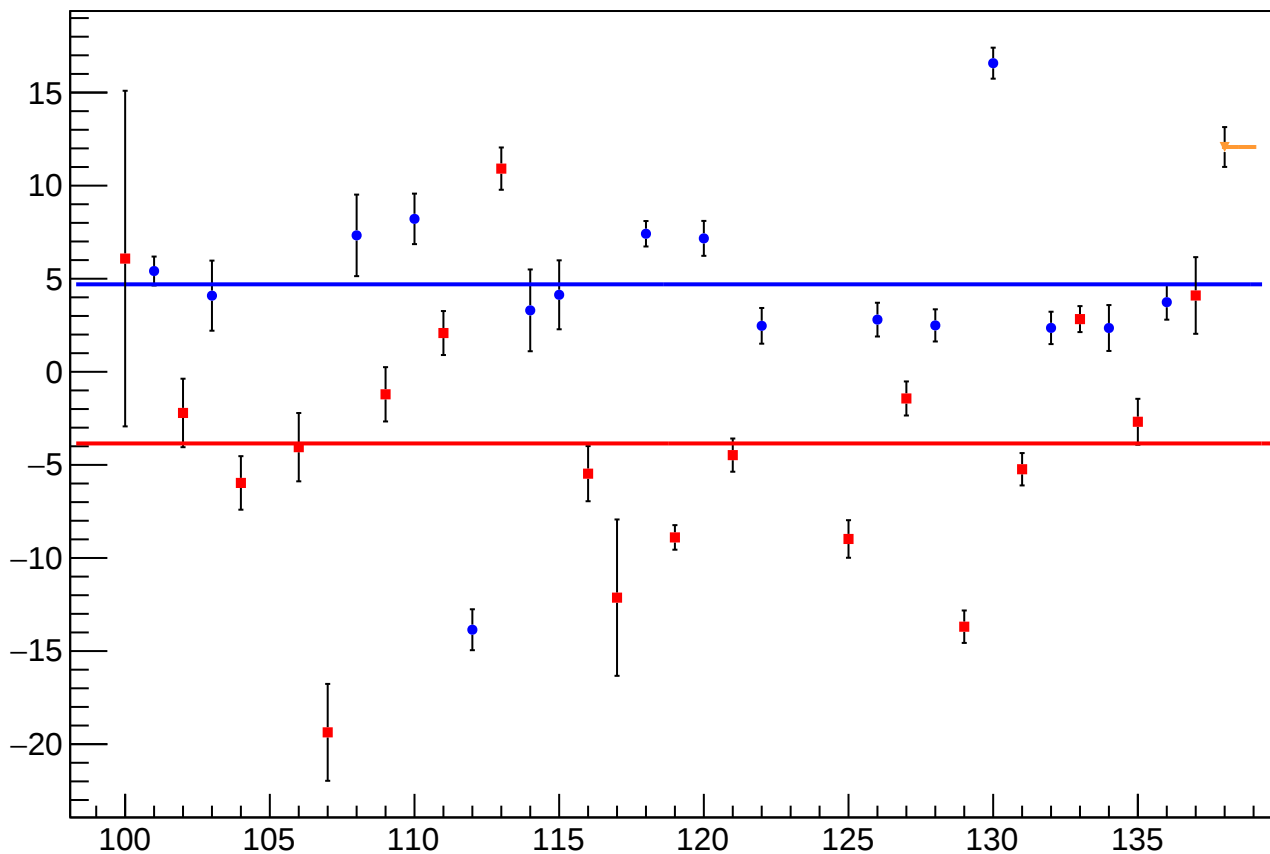
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

26.868 $\pm$ 0.386 χ^2 /NDF: 1767.5/16

-0.370 $\pm$ 0.285 χ^2 /NDF: 14308.3/35

-32.780 $\pm$ 0.422 χ^2 /NDF: 1664.8/18

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.699 $\pm$ 0.254 χ^2 /NDF: 548.9/15

Left Out: 12.075 $\pm$ 1.070 χ^2 /NDF: 0.0/0

Right Out: -3.848 $\pm$ 0.258 χ^2 /NDF: 571.5/18

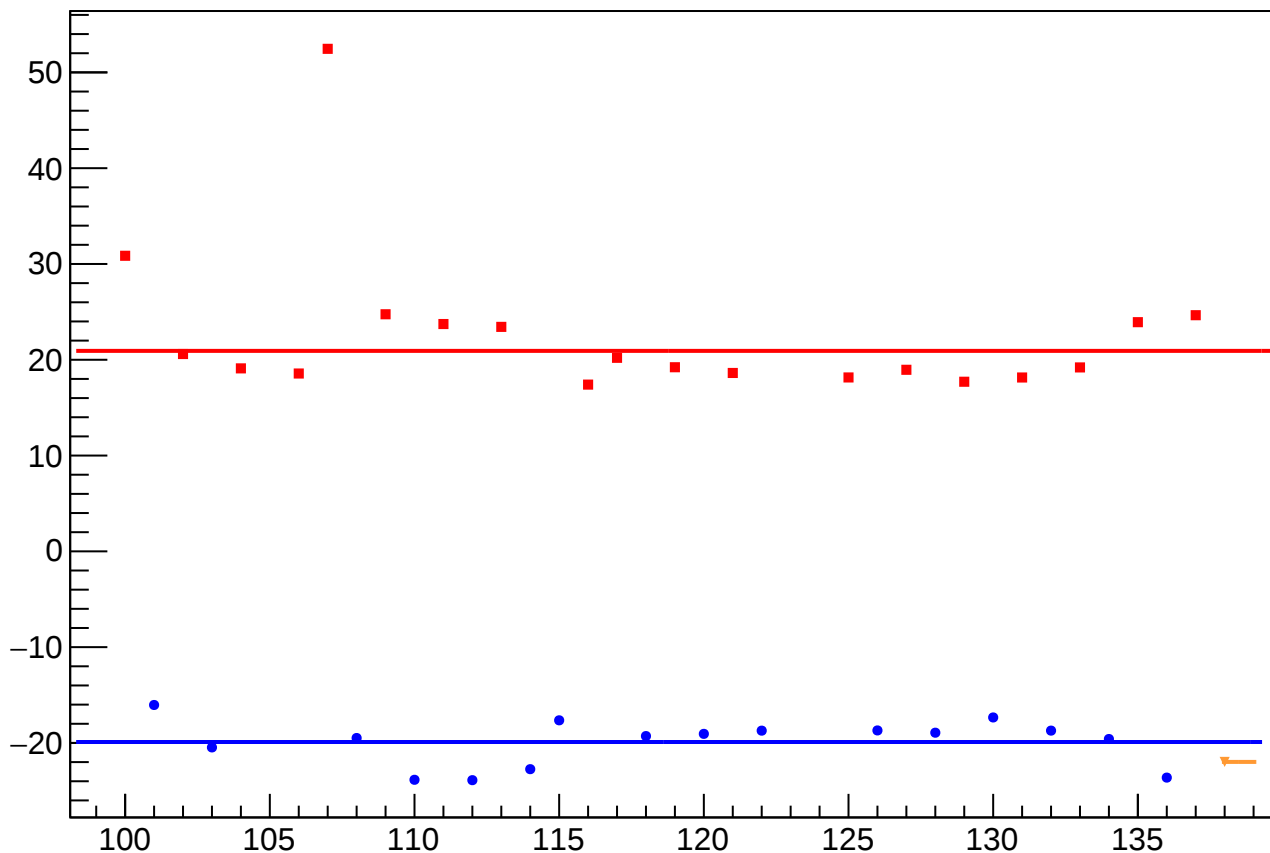
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

5.092 $\pm$ 0.247 χ^2 /NDF: 593.9/16

0.813 $\pm$ 0.178 χ^2 /NDF: 1791.6/35

-3.848 $\pm$ 0.258 χ^2 /NDF: 571.5/18

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.902 ± 0.016 χ^2/NDF : 26054.0/15

Left Out: -21.981 ± 0.039 χ^2/NDF : 0.0/0

Right Out: 20.928 ± 0.016 χ^2/NDF : 94015.9/18

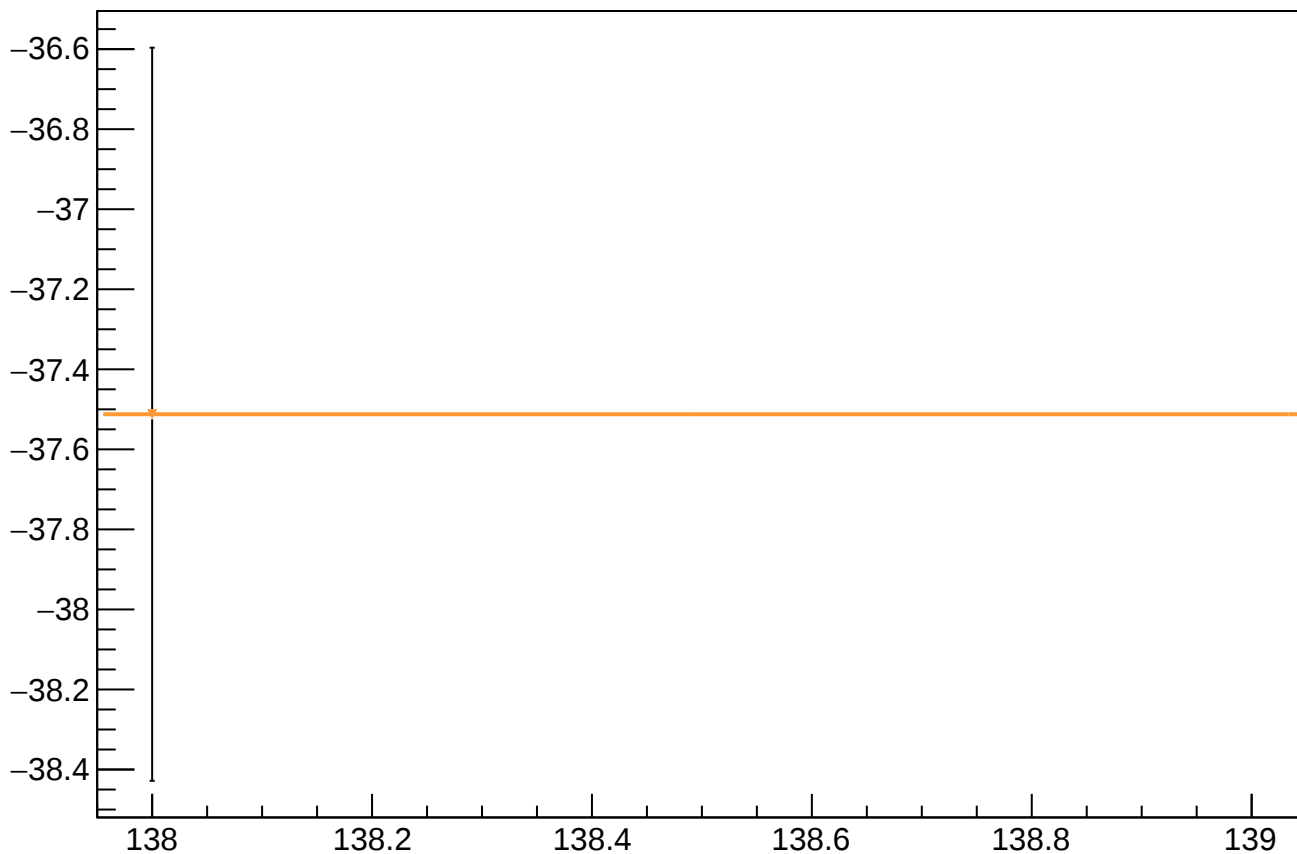
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-20.189 ± 0.015 χ^2/NDF : 28490.2/16

-1.211 ± 0.011 χ^2/NDF : 3819852.6/35

20.928 ± 0.016 χ^2/NDF : 94015.9/18

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -37.512 $\pm$ 0.916 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

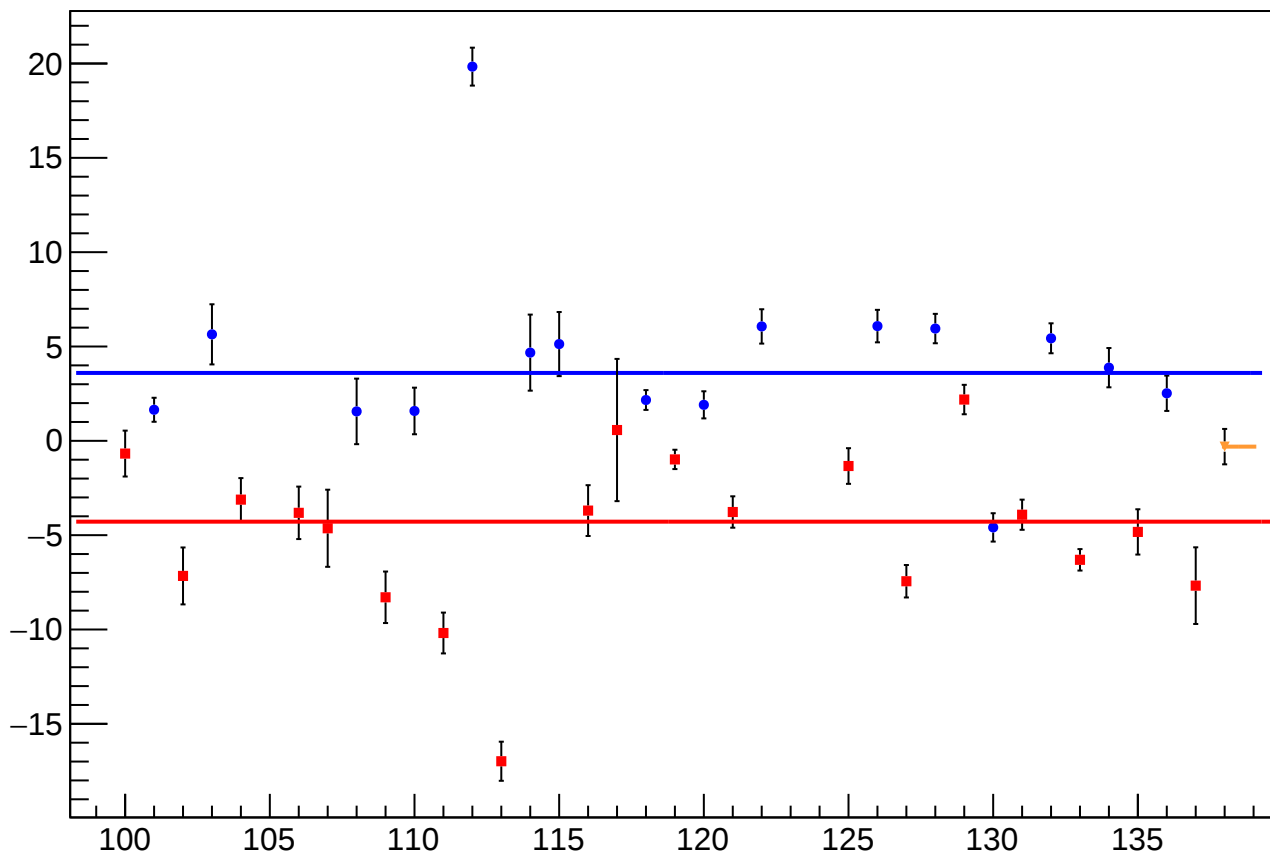
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-37.512 $\pm$ 0.916 χ^2 /NDF: 0.0/0

-37.512 $\pm$ 0.916 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.599 $\pm$ 0.220 χ^2 /NDF: 440.3/15

Left Out: -0.307 $\pm$ 0.939 χ^2 /NDF: 0.0/0

Right Out: -4.284 $\pm$ 0.221 χ^2 /NDF: 353.8/18

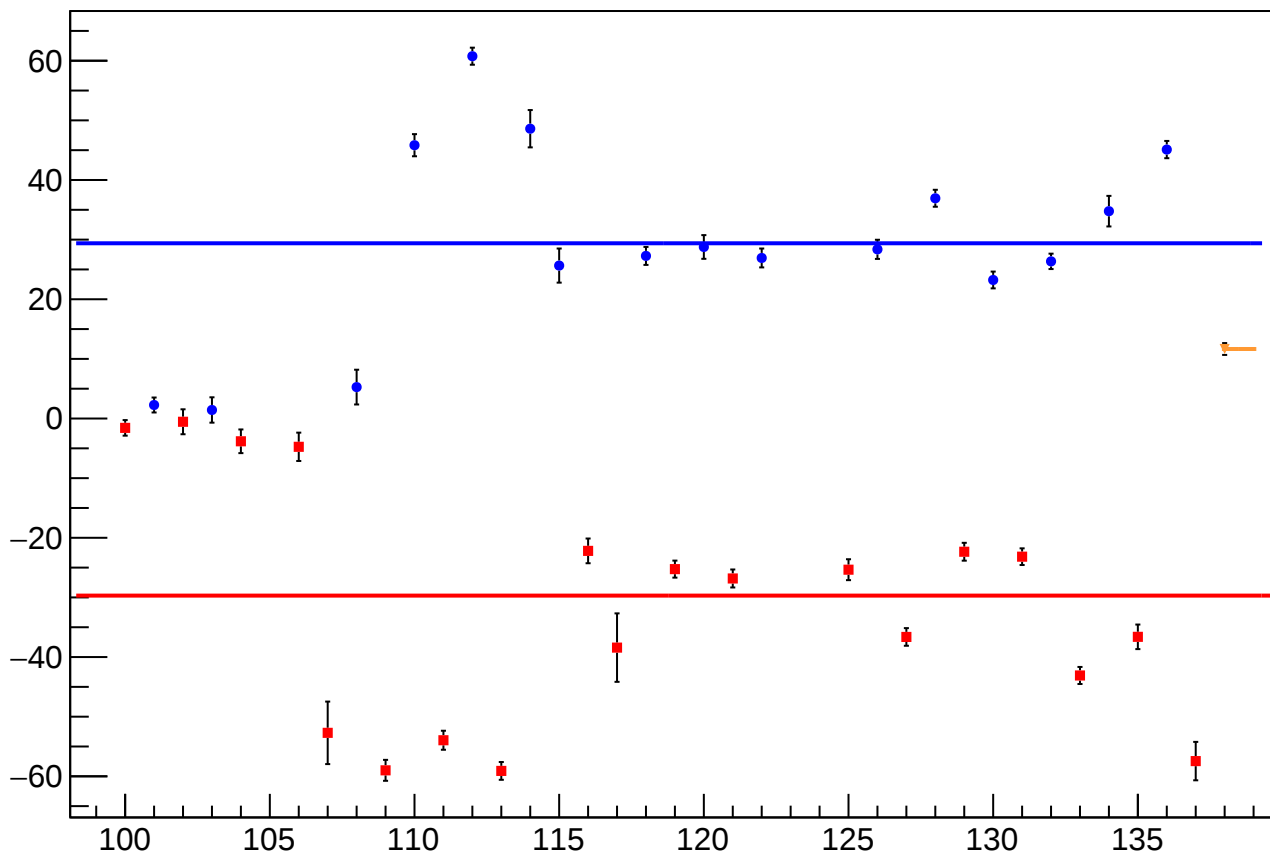
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3.396 $\pm$ 0.214 χ^2 /NDF: 456.7/16

-0.334 $\pm$ 0.154 χ^2 /NDF: 1433.7/35

-4.284 $\pm$ 0.221 χ^2 /NDF: 353.8/18

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.387 $\pm$ 0.419 χ^2 /NDF: 1488.6/15

Left Out: 11.659 $\pm$ 0.993 χ^2 /NDF: 0.0/0

Right Out: -29.695 $\pm$ 0.401 χ^2 /NDF: 2133.3/18

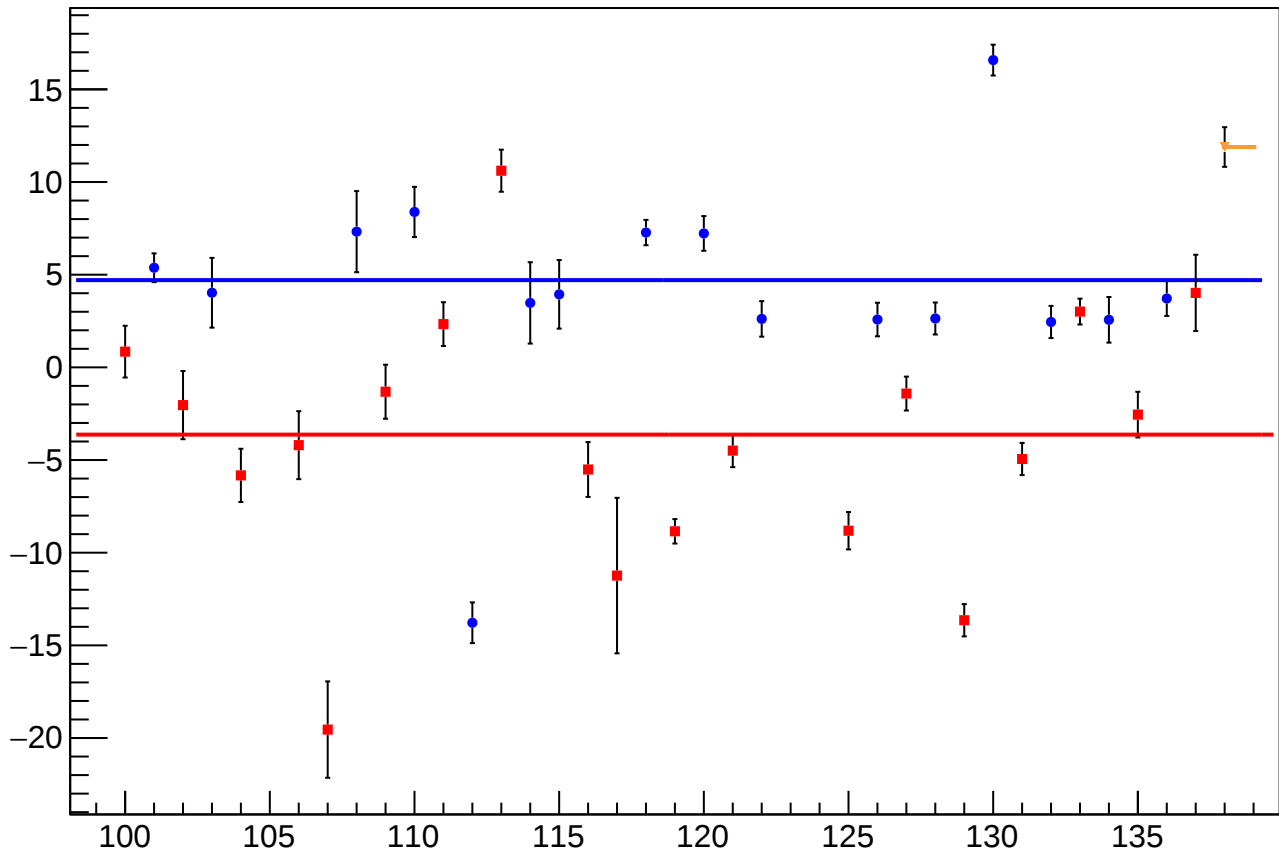
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

26.706 $\pm$ 0.386 χ^2 /NDF: 1759.1/16

-0.412 $\pm$ 0.278 χ^2 /NDF: 14144.4/35

-29.695 $\pm$ 0.401 χ^2 /NDF: 2133.3/18

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.706+/-0.254 χ^2/NDF : 545.2/15

Left Out: 11.890+/-1.070 χ^2/NDF : 0.0/0

Right Out: -3.629+/-0.254 χ^2/NDF : 576.7/18

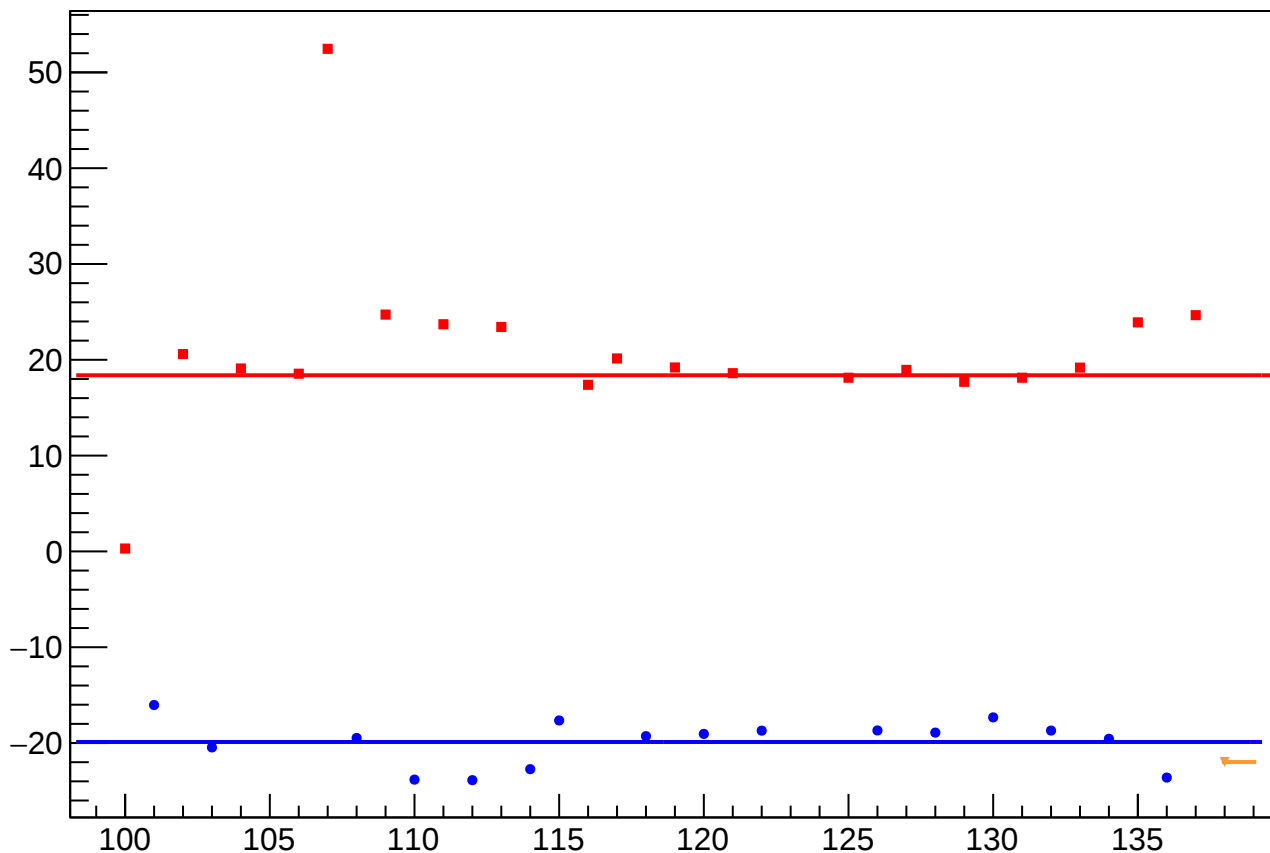
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.089+/-0.247 χ^2/NDF : 587.9/16

0.845+/-0.177 χ^2/NDF : 1771.1/35

-3.629+/-0.254 χ^2/NDF : 576.7/18

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.890 ± 0.016 χ^2/NDF : 26044.4/15

Left Out: -21.979 ± 0.039 χ^2/NDF : 0.0/0

Right Out: 18.386 ± 0.015 χ^2/NDF : 301044.3/18

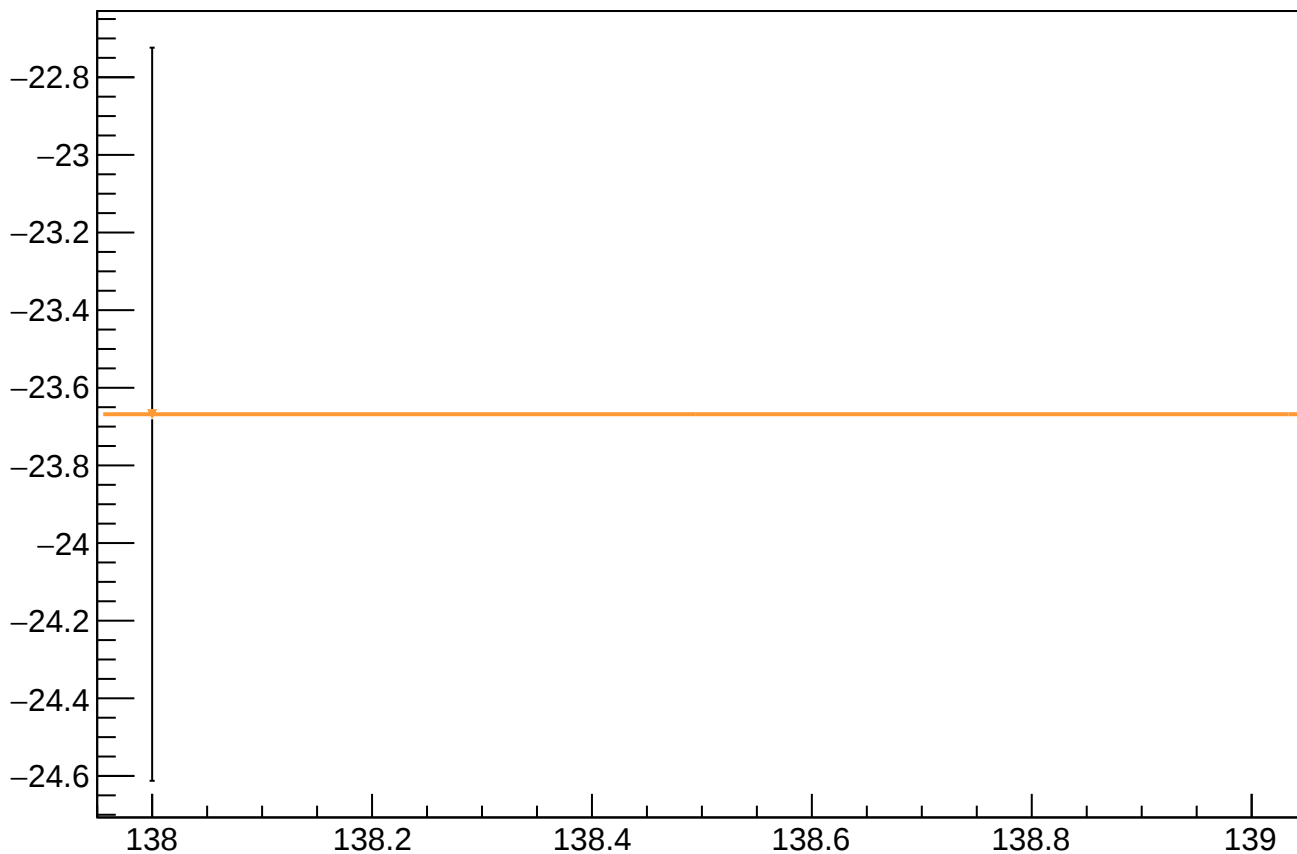
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-20.179 ± 0.015 χ^2/NDF : 28508.0/16

-1.166 ± 0.010 χ^2/NDF : 3807903.2/35

18.386 ± 0.015 χ^2/NDF : 301044.3/18

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.668+/-0.944 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

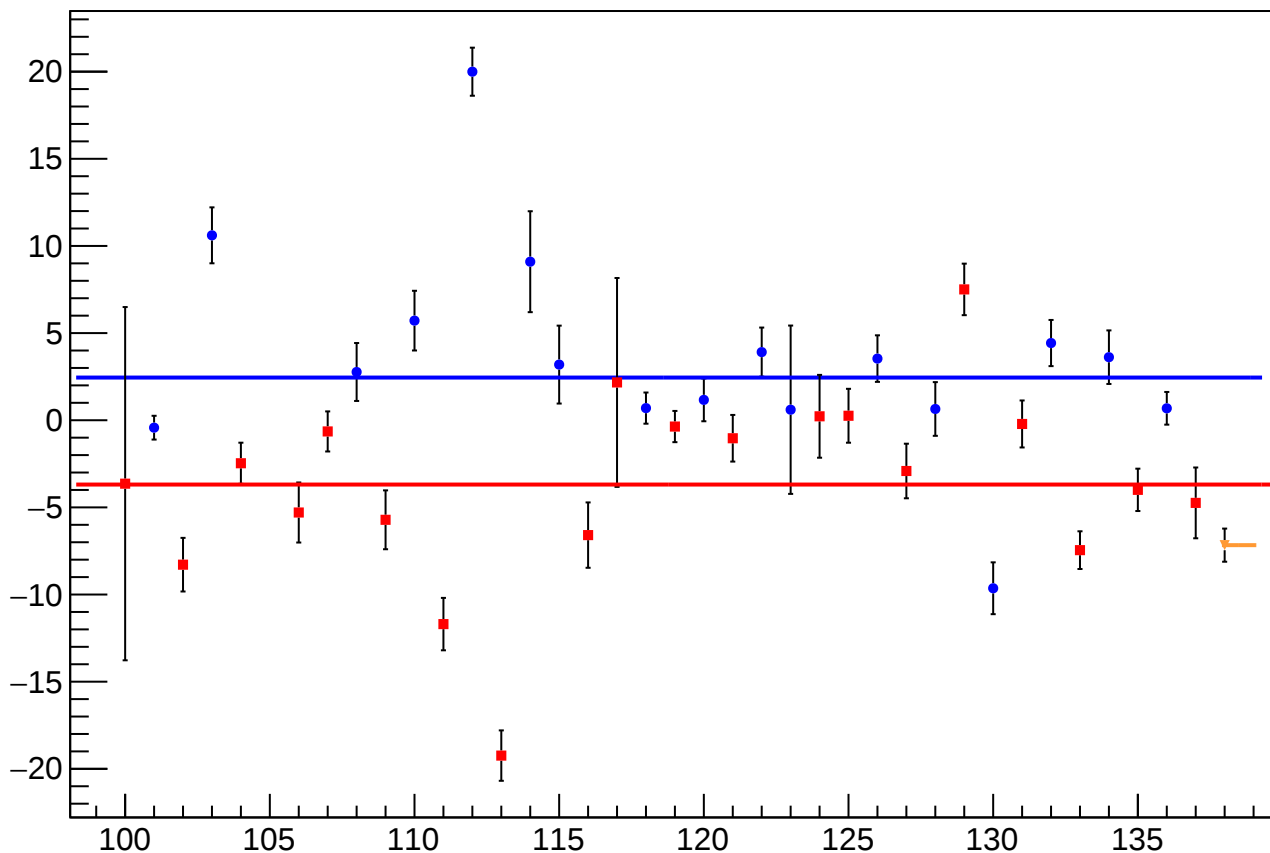
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-23.668+/-0.944 χ^2/NDF : 0.0/0

-23.668+/-0.944 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.449 ± 0.314 χ^2/NDF : 295.3/16

Left Out: -7.167 ± 0.950 χ^2/NDF : 0.0/0

Right Out: -3.690 ± 0.326 χ^2/NDF : 270.4/19

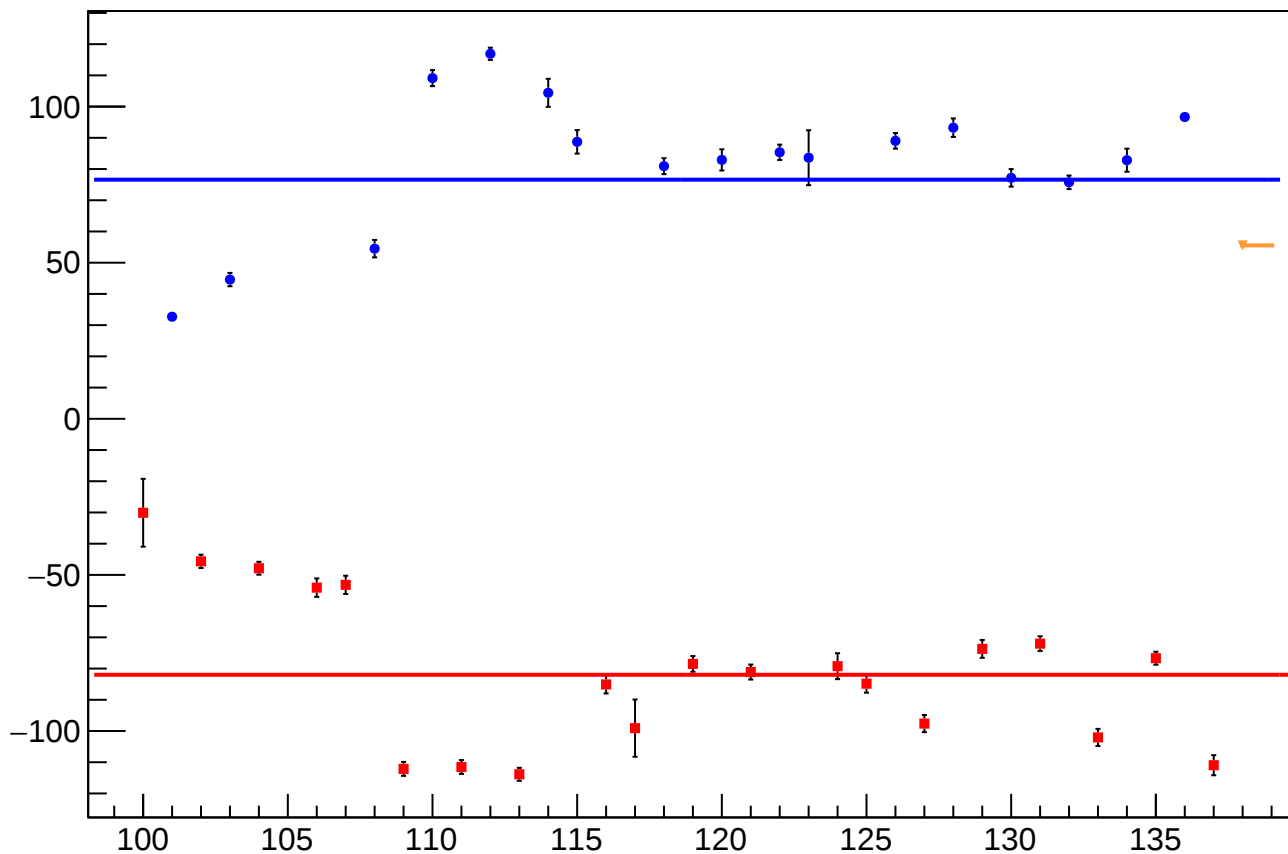
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1.500 ± 0.299 χ^2/NDF : 387.6/17

-0.868 ± 0.220 χ^2/NDF : 795.9/37

-3.690 ± 0.326 χ^2/NDF : 270.4/19

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.598 $\pm$ 0.576 χ^2 /NDF: 2255.1/16

Left Out: 55.541 $\pm$ 1.024 χ^2 /NDF: 0.0/0

Right Out: -81.987 $\pm$ 0.591 χ^2 /NDF: 1574.2/19

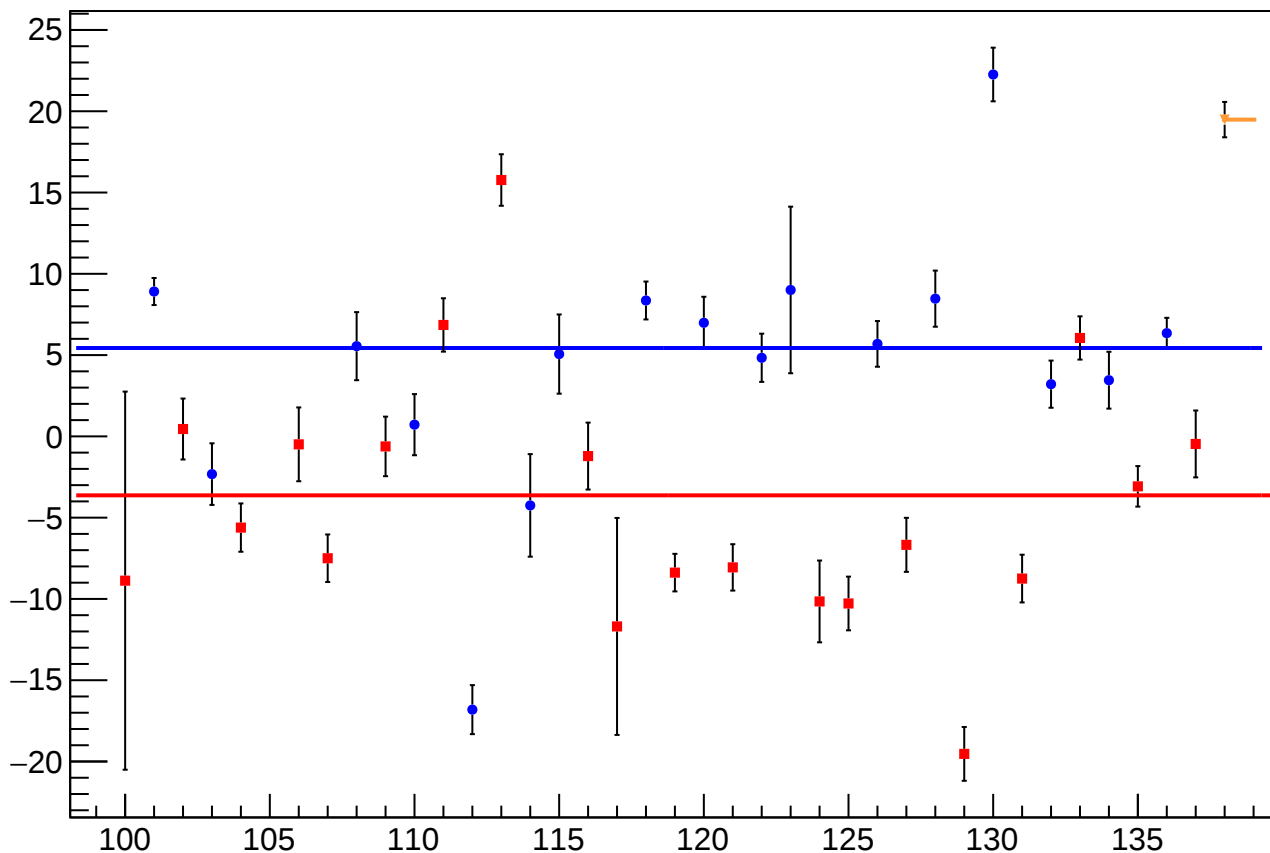
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

71.535 $\pm$ 0.502 χ^2 /NDF: 2576.3/17

7.163 $\pm$ 0.383 χ^2 /NDF: 43359.9/37

-81.987 $\pm$ 0.591 χ^2 /NDF: 1574.2/19

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.436 ± 0.360 χ^2/NDF : 387.2/16

Left Out: 19.486 ± 1.088 χ^2/NDF : 0.0/0

Right Out: -3.628 ± 0.374 χ^2/NDF : 424.8/19

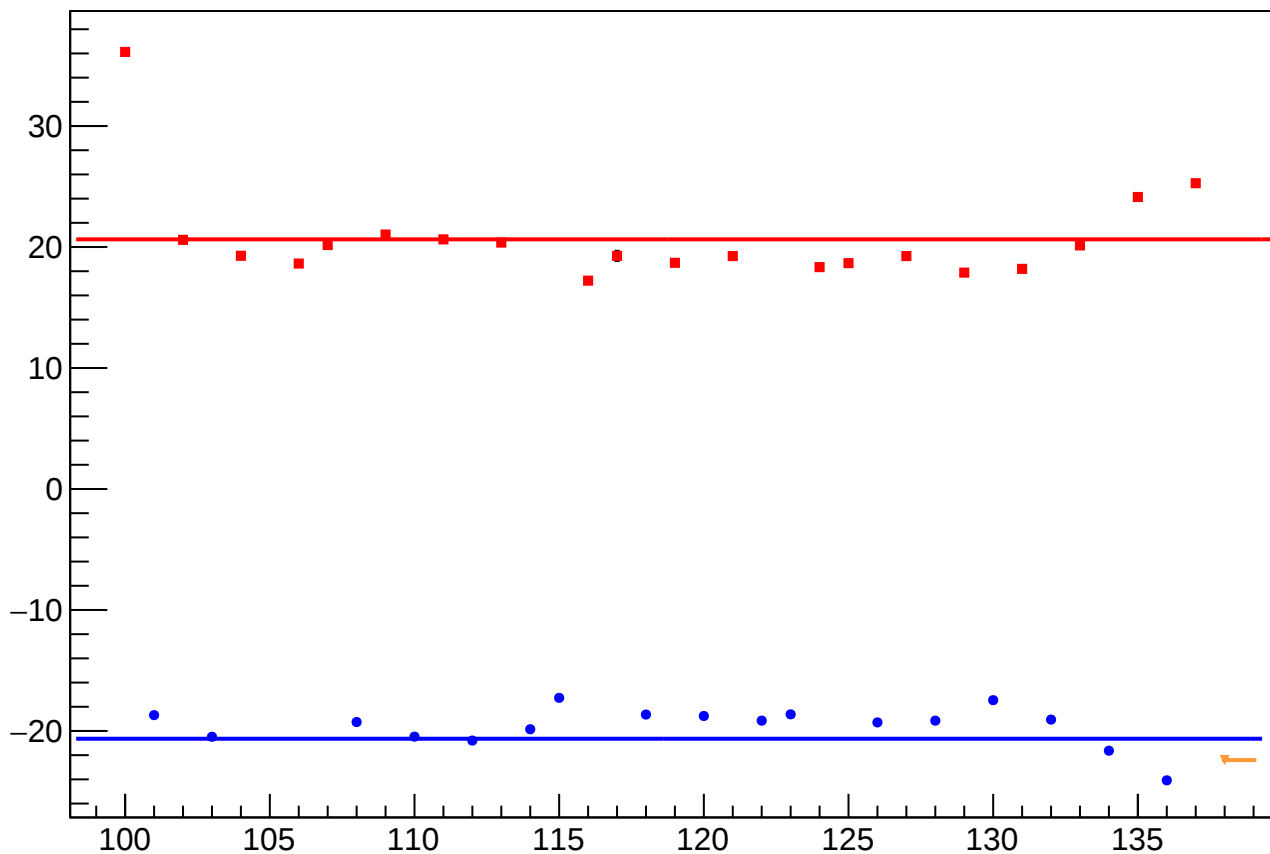
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

6.825 ± 0.342 χ^2/NDF : 537.5/17

2.070 ± 0.253 χ^2/NDF : 1387.1/37

-3.628 ± 0.374 χ^2/NDF : 424.8/19

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.642 ± 0.019 $\chi^2/\text{NDF}: 12431.5/16$

Left Out: -22.408 ± 0.040 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 20.635 ± 0.019 $\chi^2/\text{NDF}: 13794.0/19$

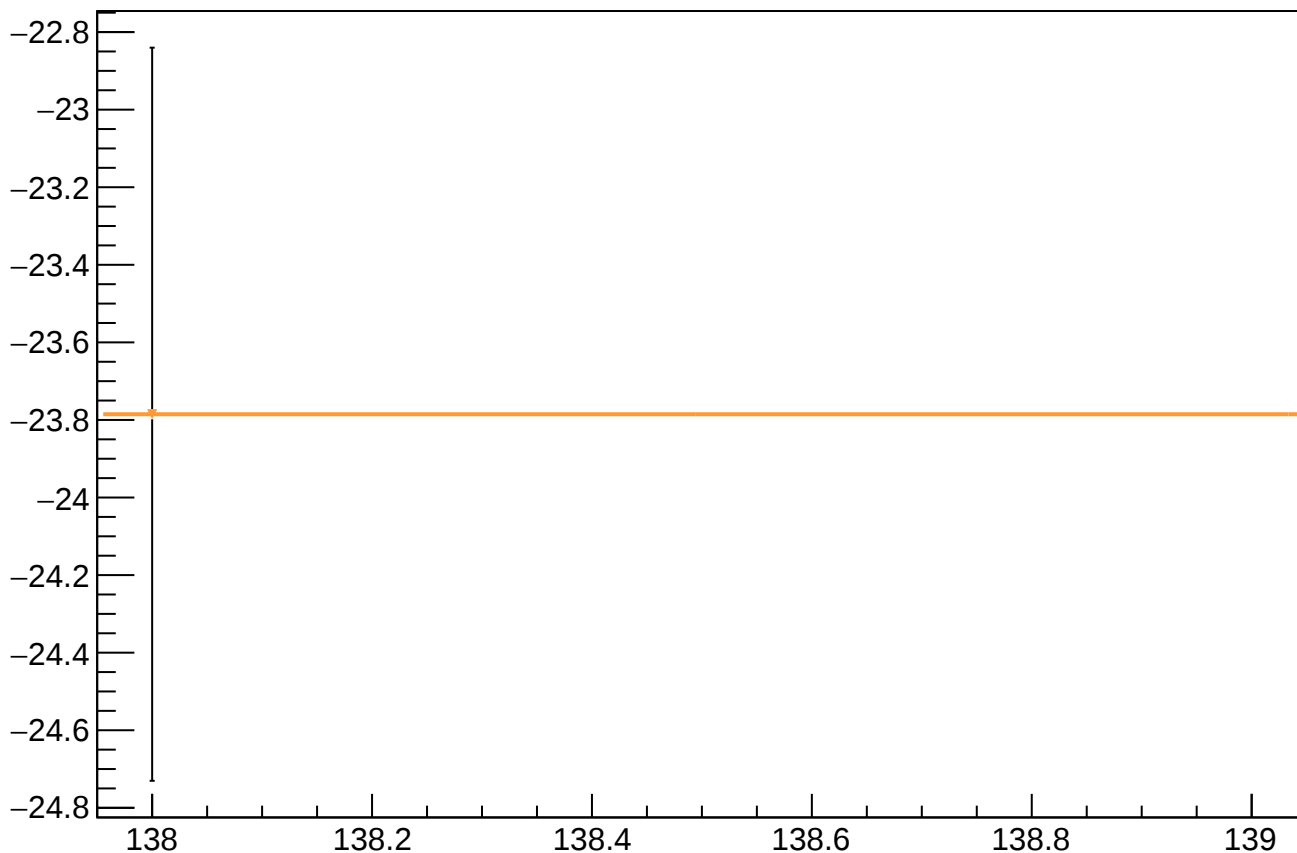
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-20.970 ± 0.017 $\chi^2/\text{NDF}: 13982.7/17$

-2.404 ± 0.013 $\chi^2/\text{NDF}: 2565865.1/37$

20.635 ± 0.019 $\chi^2/\text{NDF}: 13794.0/19$

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.785+/-0.945 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

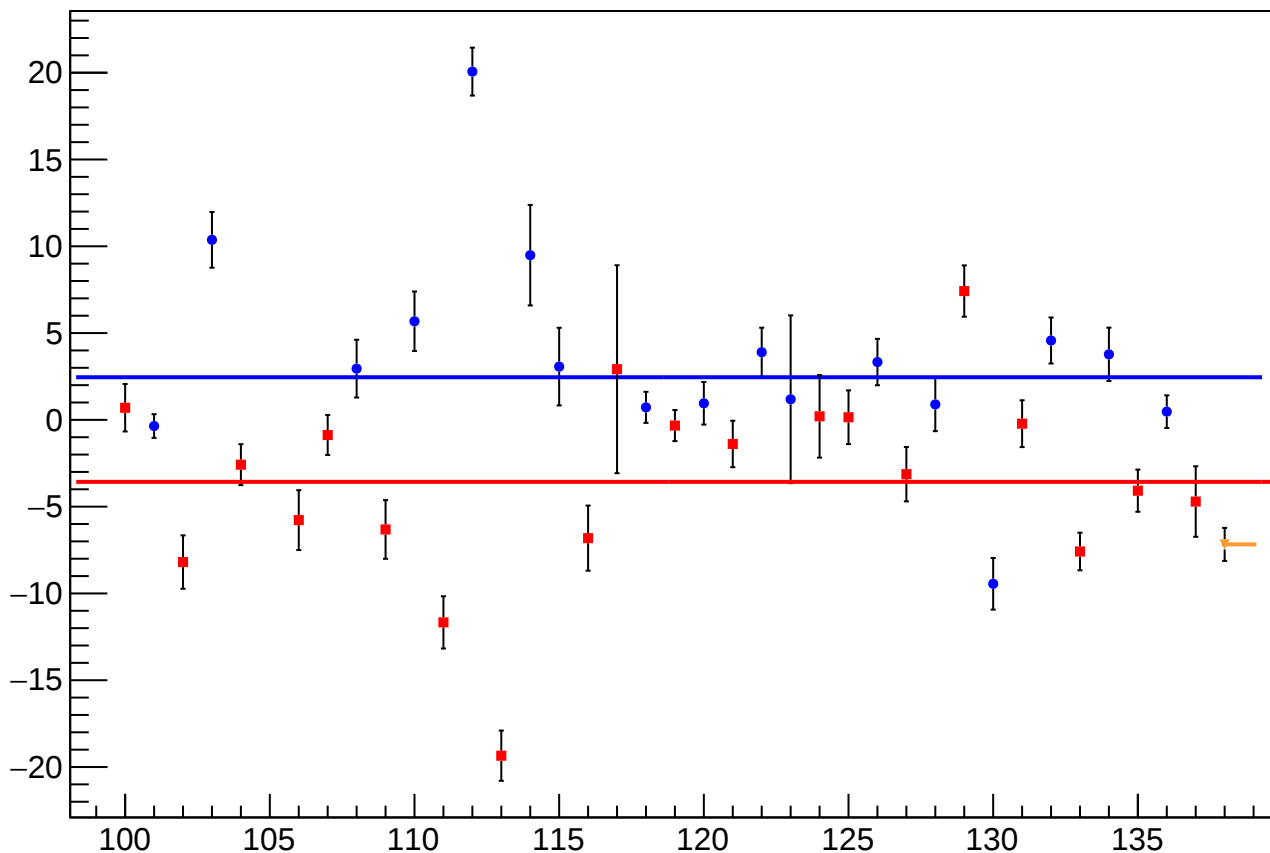
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-23.785+/-0.945 χ^2/NDF : 0.0/0

-23.785+/-0.945 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.455+/-0.315 χ^2/NDF : 293.5/16

Left Out: -7.174+/-0.951 χ^2/NDF : 0.0/0

Right Out: -3.571+/-0.317 χ^2/NDF : 281.0/19

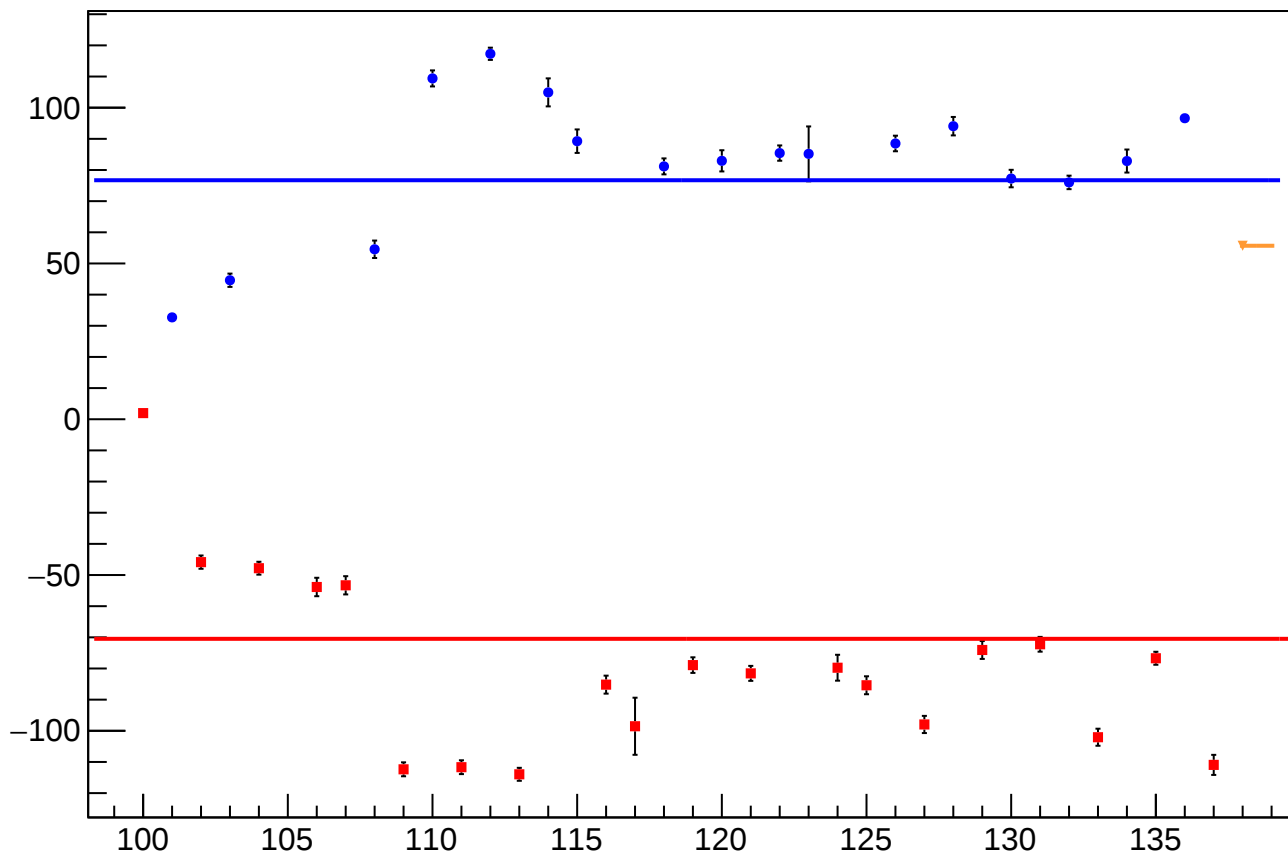
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.506+/-0.299 χ^2/NDF : 385.9/17

-0.879+/-0.217 χ^2/NDF : 802.7/37

-3.571+/-0.317 χ^2/NDF : 281.0/19

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.713 $\pm$ 0.576 χ^2/NDF : 2266.6/16

Left Out: 55.686 $\pm$ 1.025 χ^2/NDF : 0.0/0

Right Out: -70.477 $\pm$ 0.549 χ^2/NDF : 4400.1/19

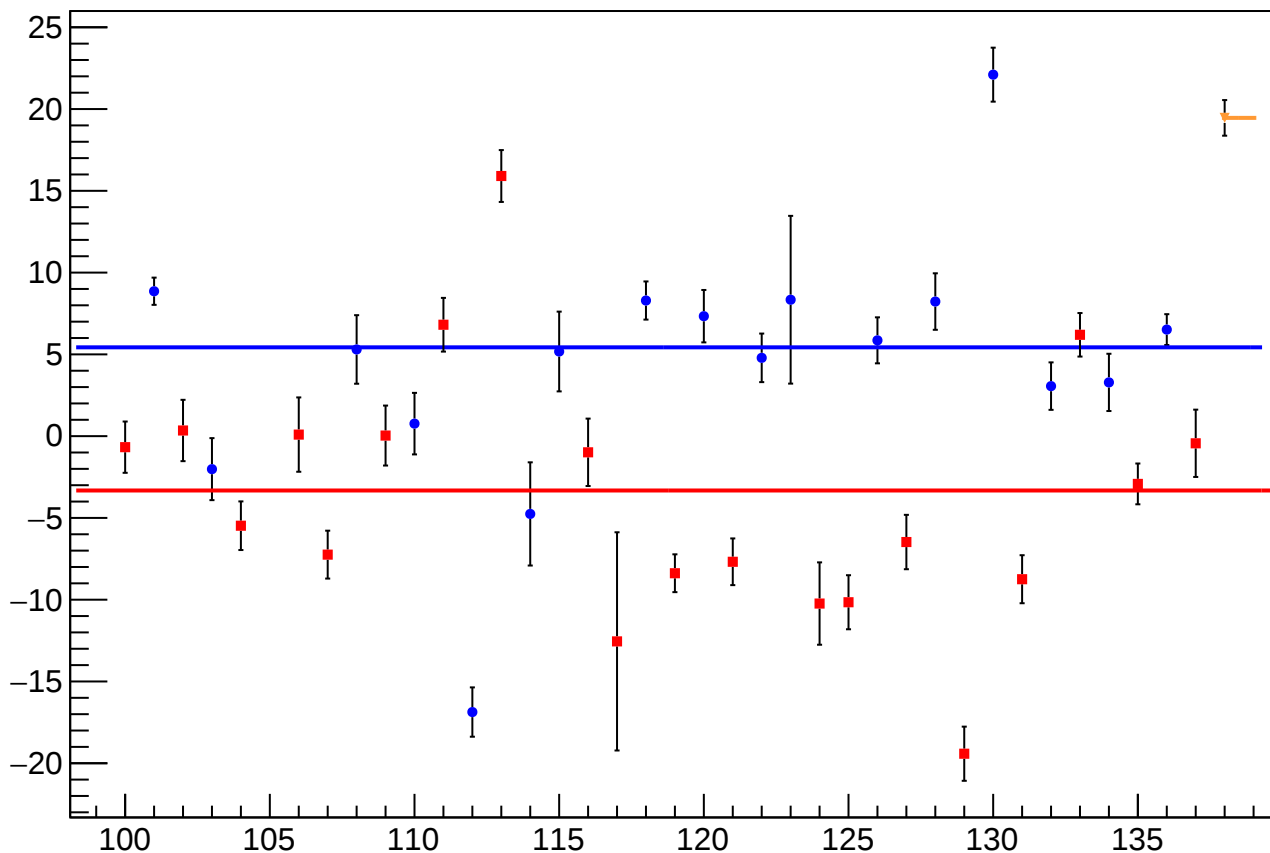
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

71.659 $\pm$ 0.502 χ^2/NDF : 2586.5/17

6.871 $\pm$ 0.371 χ^2/NDF : 43479.1/37

-70.477 $\pm$ 0.549 χ^2/NDF : 4400.1/19

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.430+/-0.361 χ^2/NDF : 385.9/16

Left Out: 19.460+/-1.089 χ^2/NDF : 0.0/0

Right Out: -3.323+/-0.365 χ^2/NDF : 428.0/19

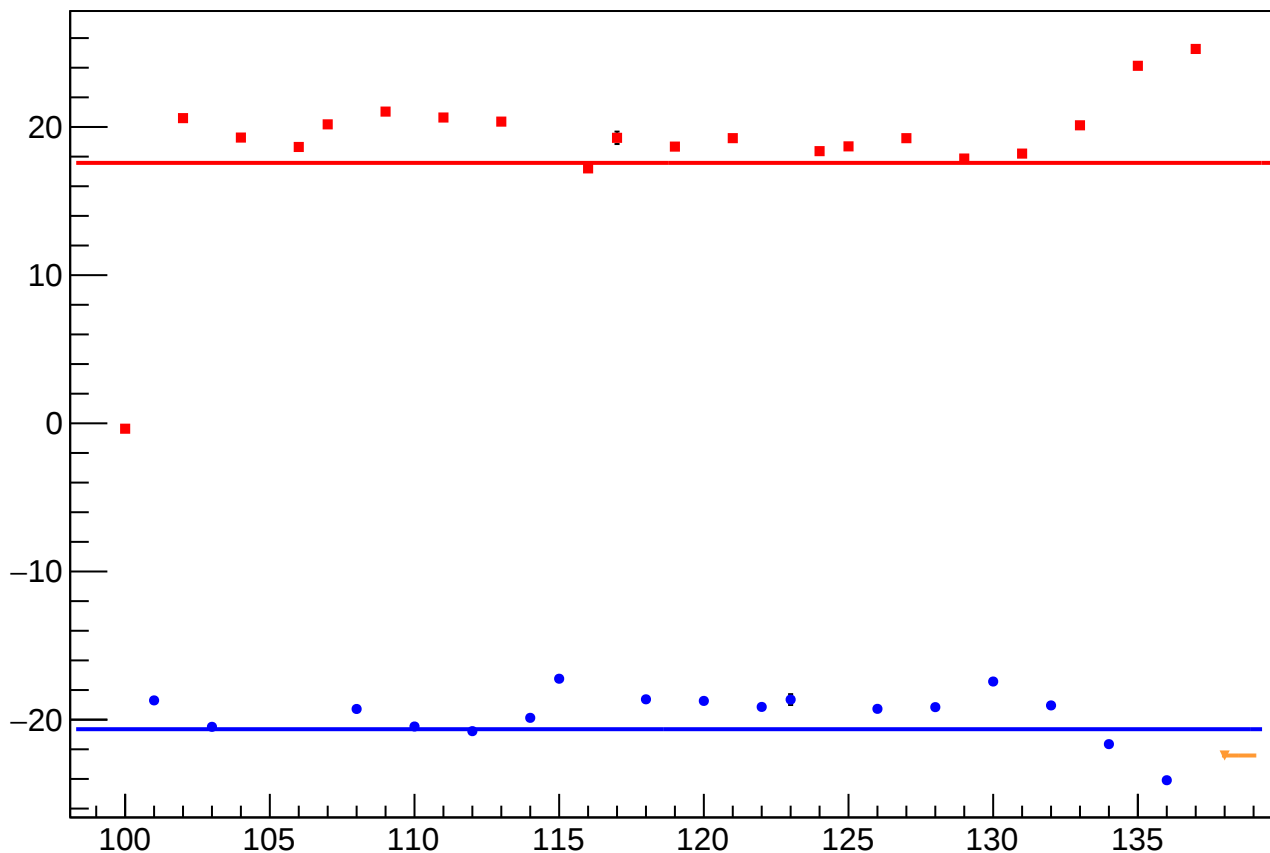
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.817+/-0.342 χ^2/NDF : 535.5/17

2.067+/-0.250 χ^2/NDF : 1374.7/37

-3.323+/-0.365 χ^2/NDF : 428.0/19

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.643 ± 0.019 χ^2/NDF : 12468.6/16

Left Out: -22.419 ± 0.040 χ^2/NDF : 0.0/0

Right Out: 17.577 ± 0.018 χ^2/NDF : 178343.3/19

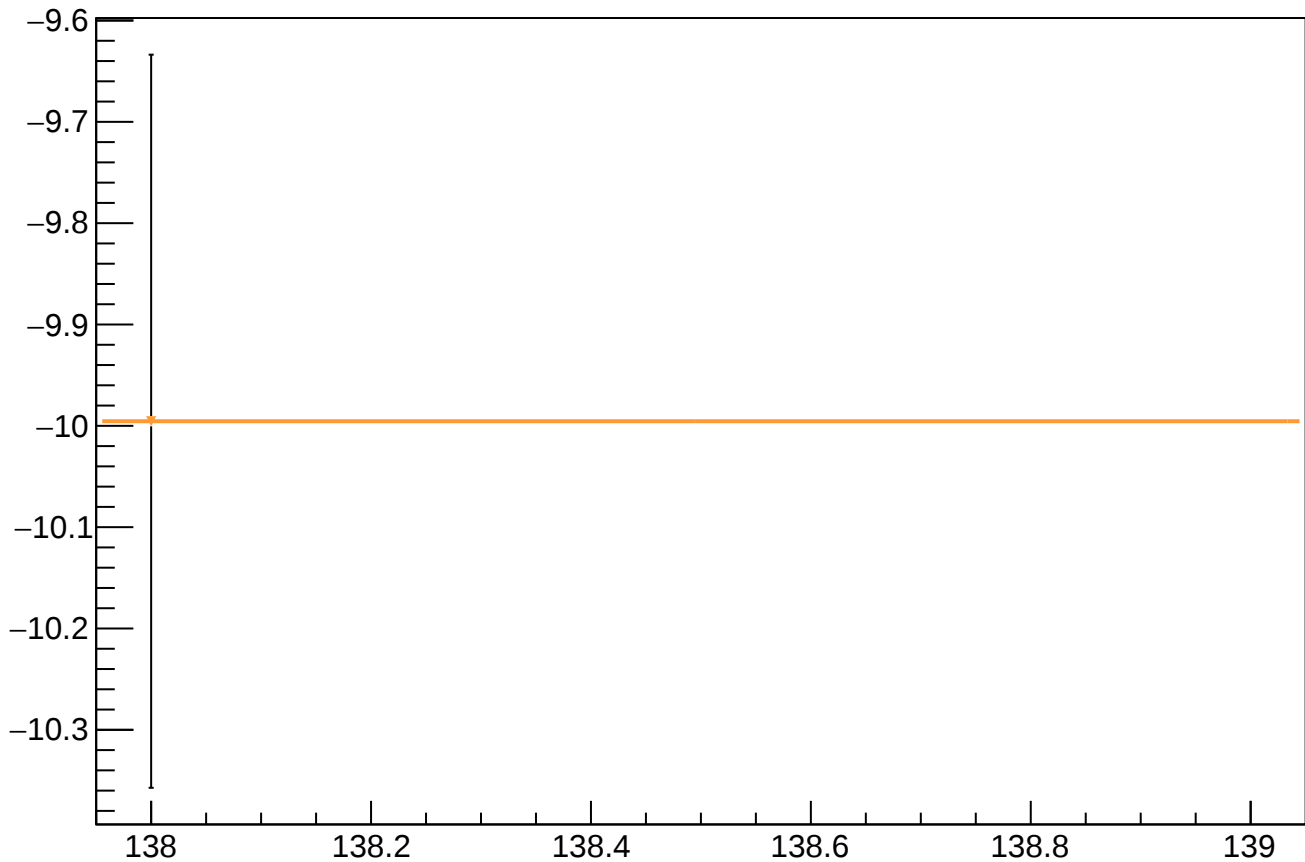
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-20.973 ± 0.017 χ^2/NDF : 14034.0/17

-2.309 ± 0.013 χ^2/NDF : 2553701.1/37

17.577 ± 0.018 χ^2/NDF : 178343.3/19

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -9.995+/-0.362 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

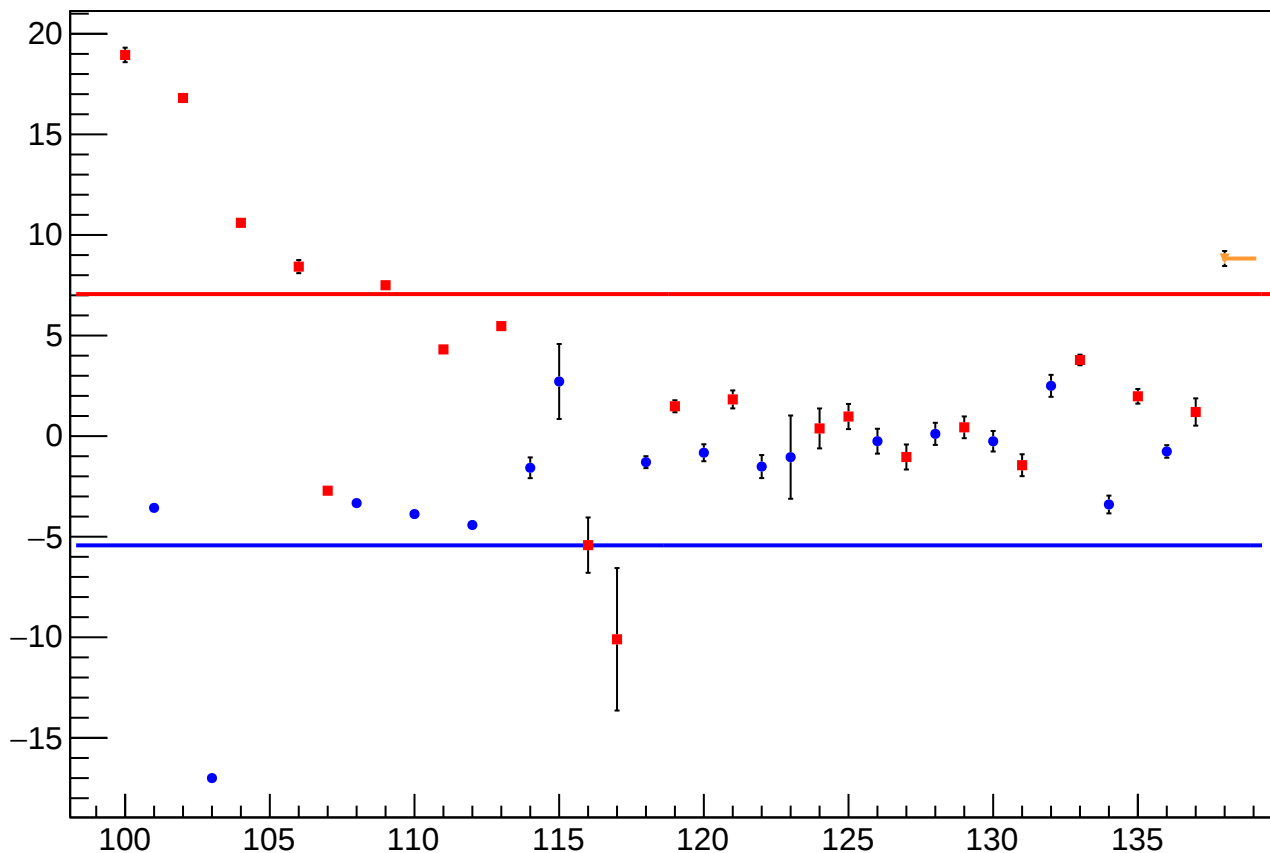
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-9.995+/-0.362 χ^2/NDF : 0.0/0

-9.995+/-0.362 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.431 ± 0.055 χ^2/NDF : 9233.8/16

Left Out: 8.829 ± 0.374 χ^2/NDF : 0.0/0

Right Out: 7.061 ± 0.059 χ^2/NDF : 12330.1/19

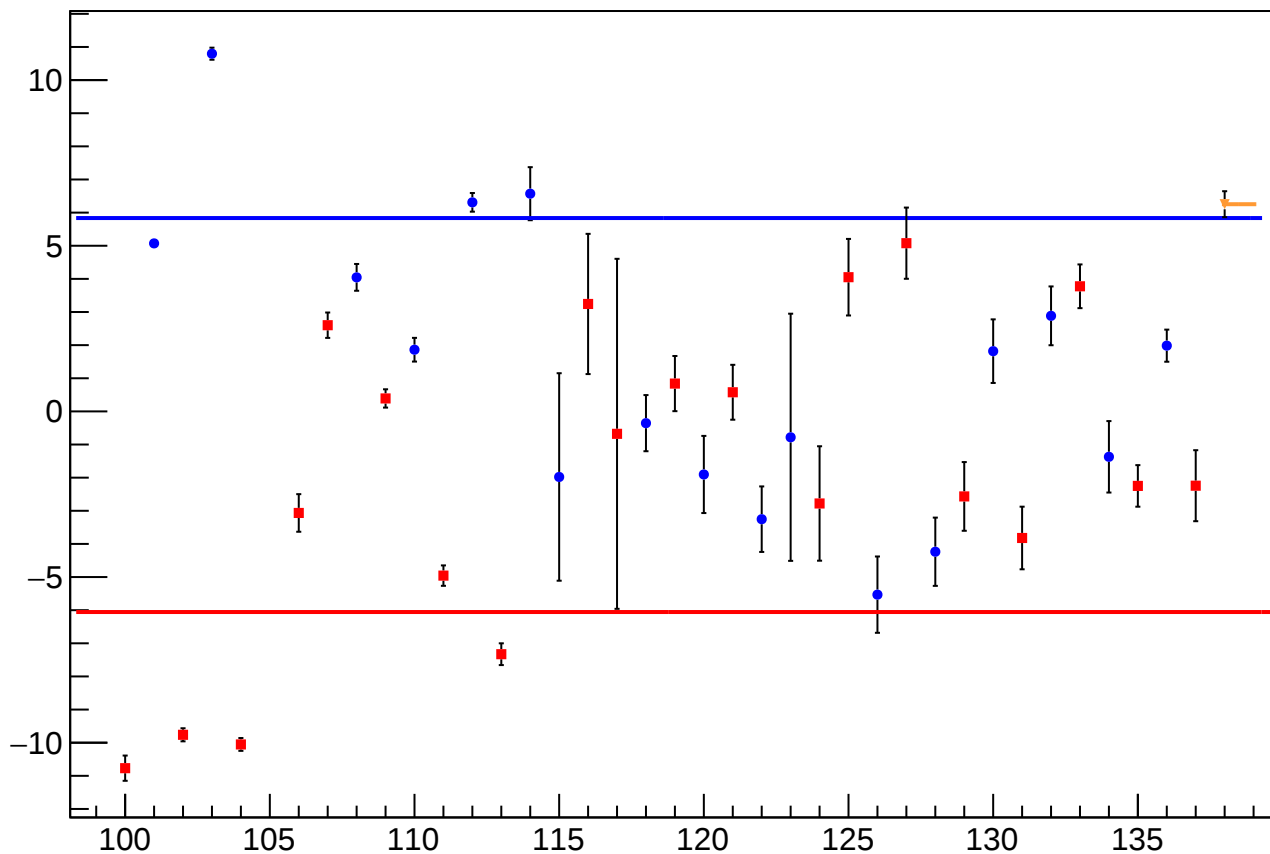
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-5.131 ± 0.054 χ^2/NDF : 10654.3/17

0.457 ± 0.040 χ^2/NDF : 46101.4/37

7.061 ± 0.059 χ^2/NDF : 12330.1/19

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.836+/-0.090 χ^2/NDF : 1440.9/16

Left Out: 6.254+/-0.392 χ^2/NDF : 0.0/0

Right Out: -6.056+/-0.093 χ^2/NDF : 2669.9/19

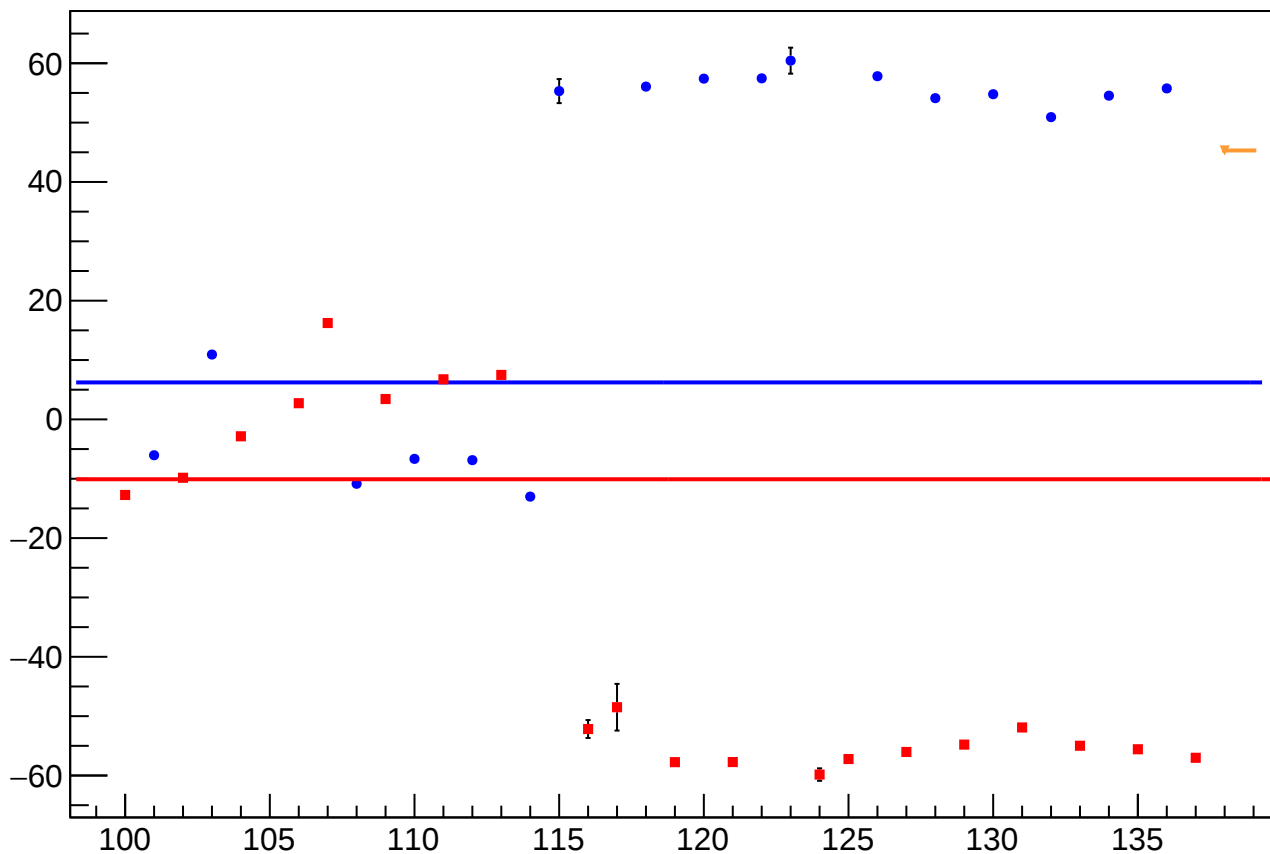
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.857+/-0.087 χ^2/NDF : 1441.9/17

0.290+/-0.064 χ^2/NDF : 12793.3/37

-6.056+/-0.093 χ^2/NDF : 2669.9/19

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.226+/-0.065 χ^2/NDF : 120955.1/16

Left Out: 45.306+/-0.425 χ^2/NDF : 0.0/0

Right Out: -10.087+/-0.070 χ^2/NDF : 122144.7/19

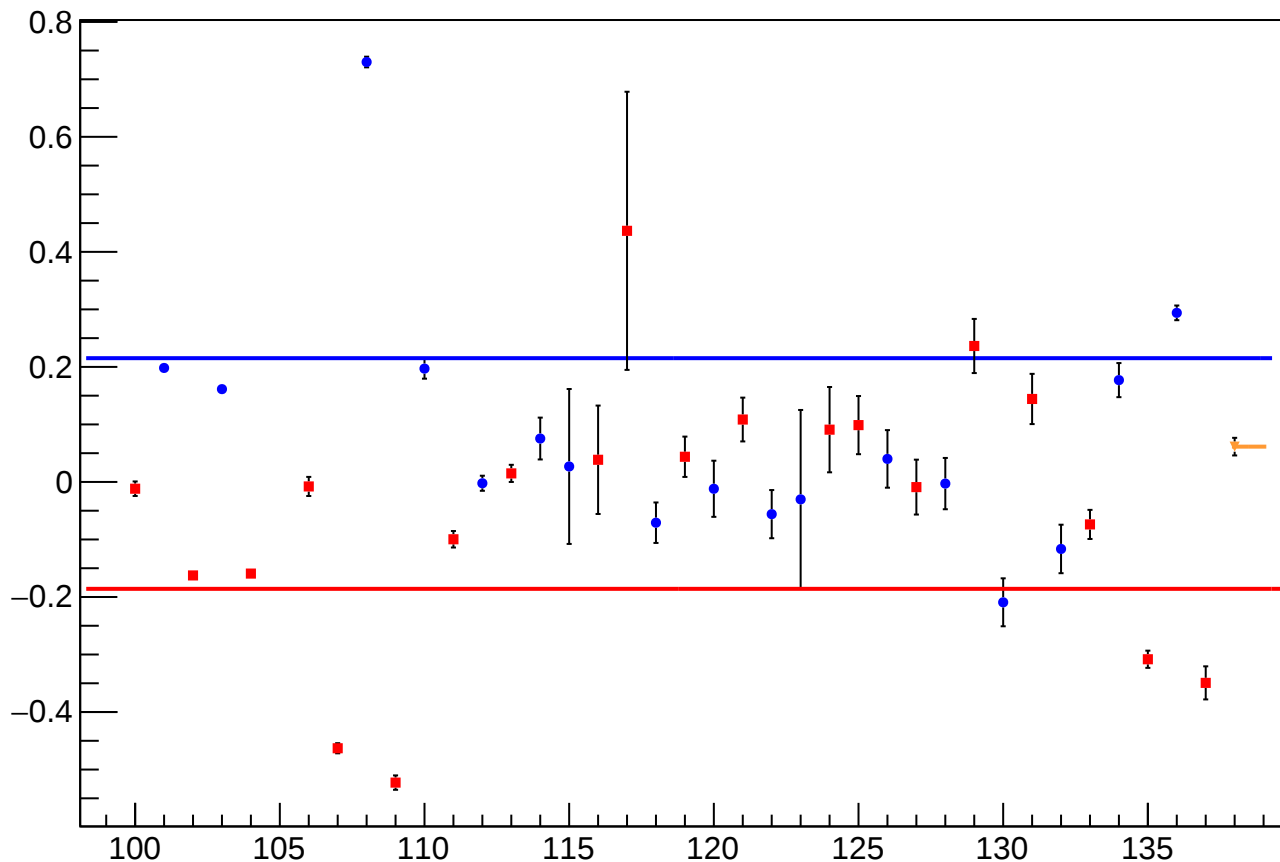
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7.117+/-0.064 χ^2/NDF : 129233.9/17

-0.761+/-0.047 χ^2/NDF : 284379.2/37

-10.087+/-0.070 χ^2/NDF : 122144.7/19

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3925.9/16

Left Out: 0.061 $\pm$ 0.015 χ^2 /NDF: 0.0/0

Right Out: -0.186 $\pm$ 0.003 χ^2 /NDF: 2724.7/19

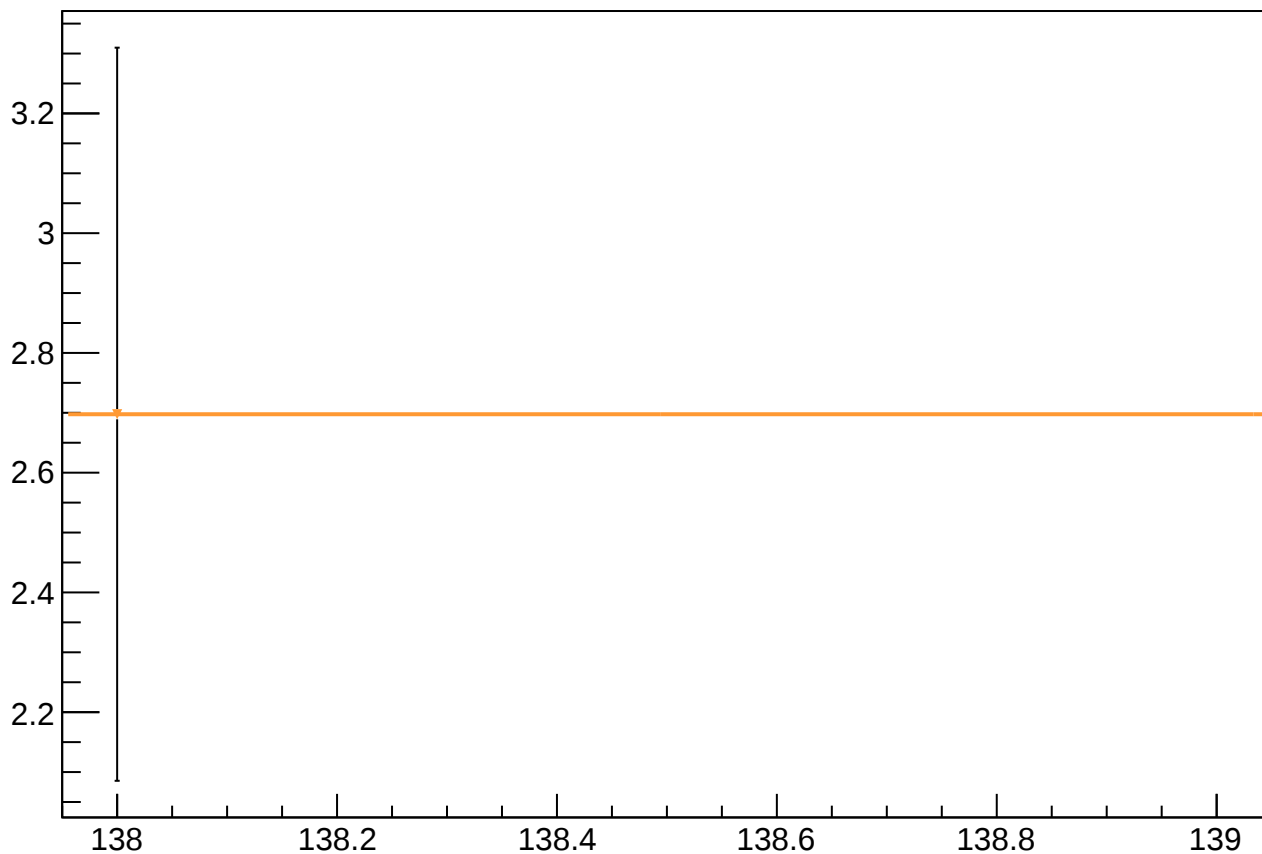
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.210 $\pm$ 0.003 χ^2 /NDF: 4023.5/17

0.009 $\pm$ 0.002 χ^2 /NDF: 17460.4/37

-0.186 $\pm$ 0.003 χ^2 /NDF: 2724.7/19

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2.698+/-0.612 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

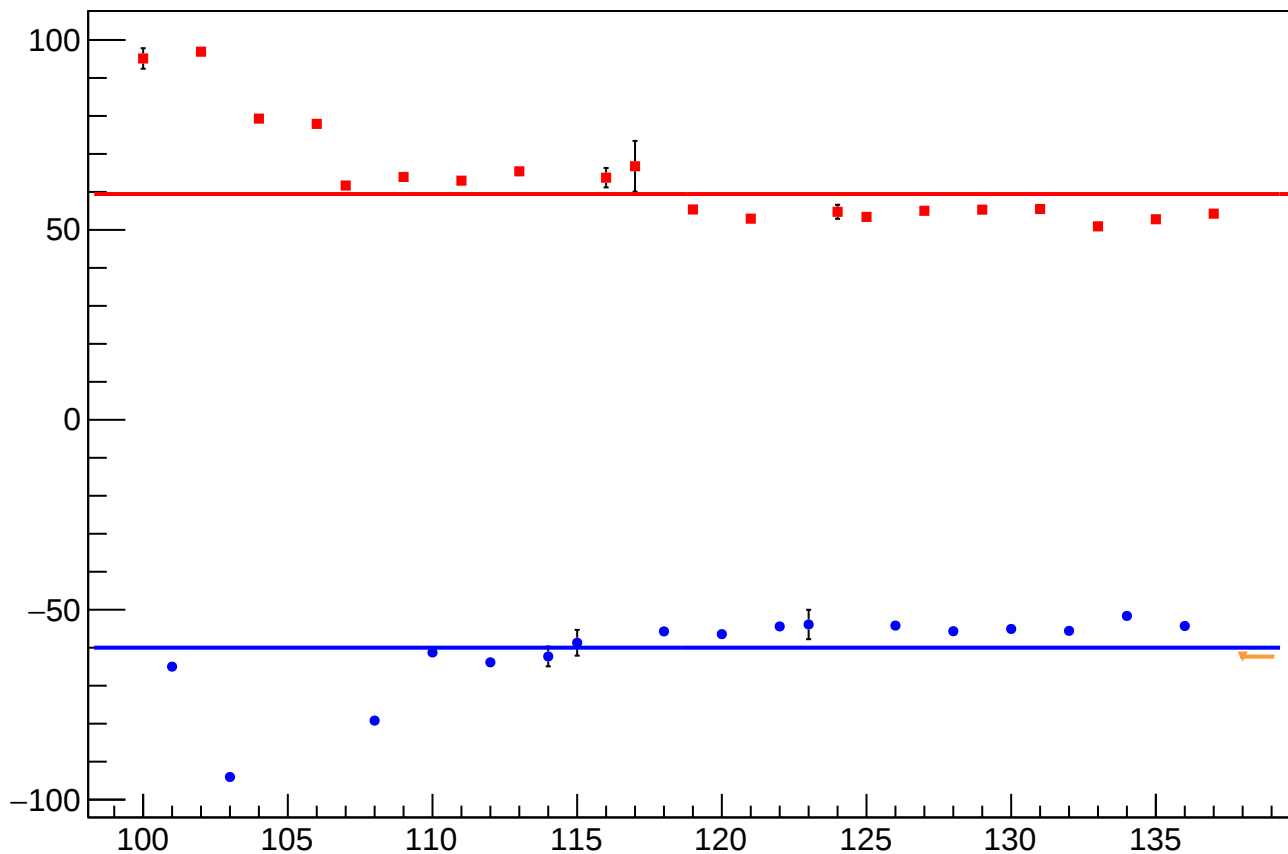
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.698+/-0.612 χ^2/NDF : 0.0/0

2.698+/-0.612 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.992 ± 0.225 χ^2/NDF : 1972.9/16

Left Out: -62.337 ± 0.673 χ^2/NDF : 0.0/0

Right Out: 59.442 ± 0.212 χ^2/NDF : 2919.1/19

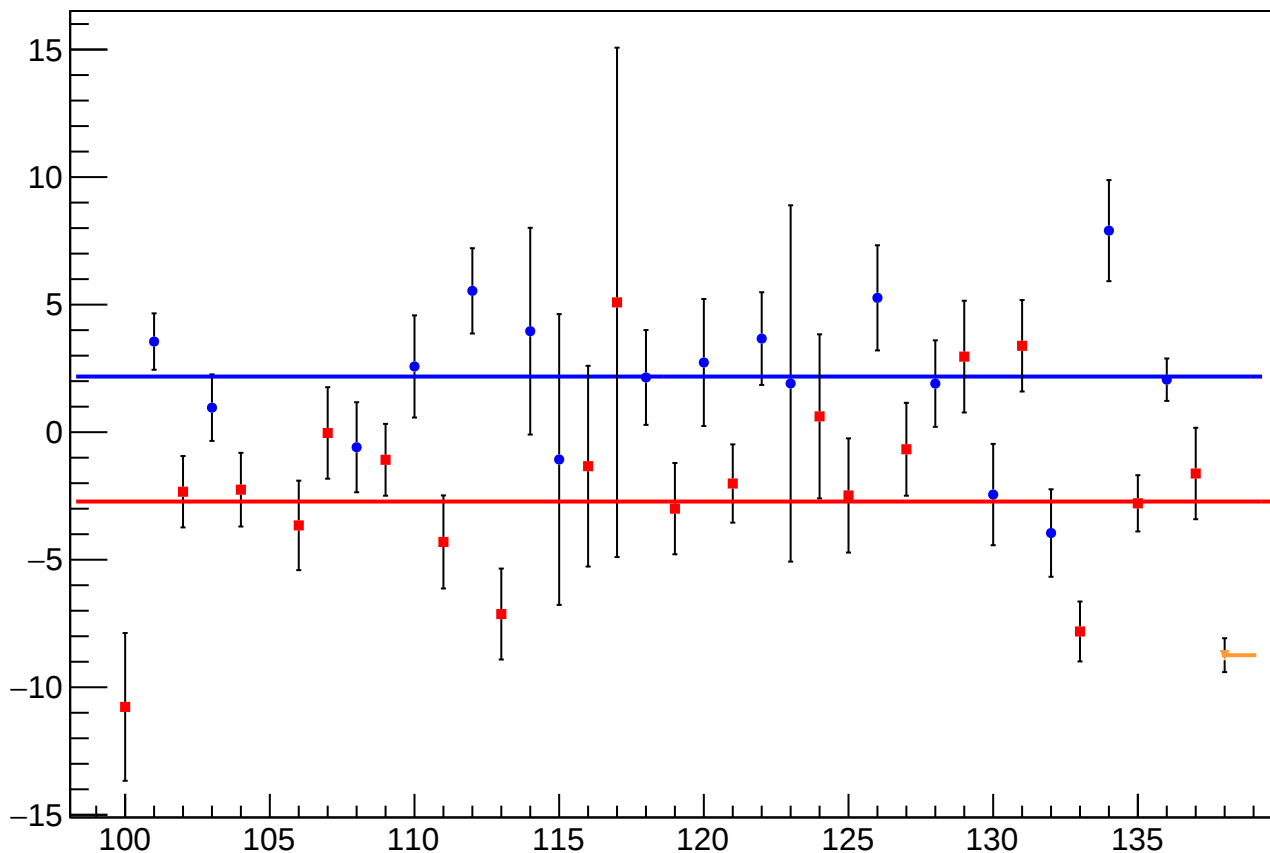
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-60.227 ± 0.213 χ^2/NDF : 1983.8/17

0.043 ± 0.150 χ^2/NDF : 163322.9/37

59.442 ± 0.212 χ^2/NDF : 2919.1/19

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.181 $\pm$ 0.406 χ^2 /NDF: 39.0/16

Left Out: -8.742 $\pm$ 0.664 χ^2 /NDF: 0.0/0

Right Out: -2.719 $\pm$ 0.388 χ^2 /NDF: 59.5/19

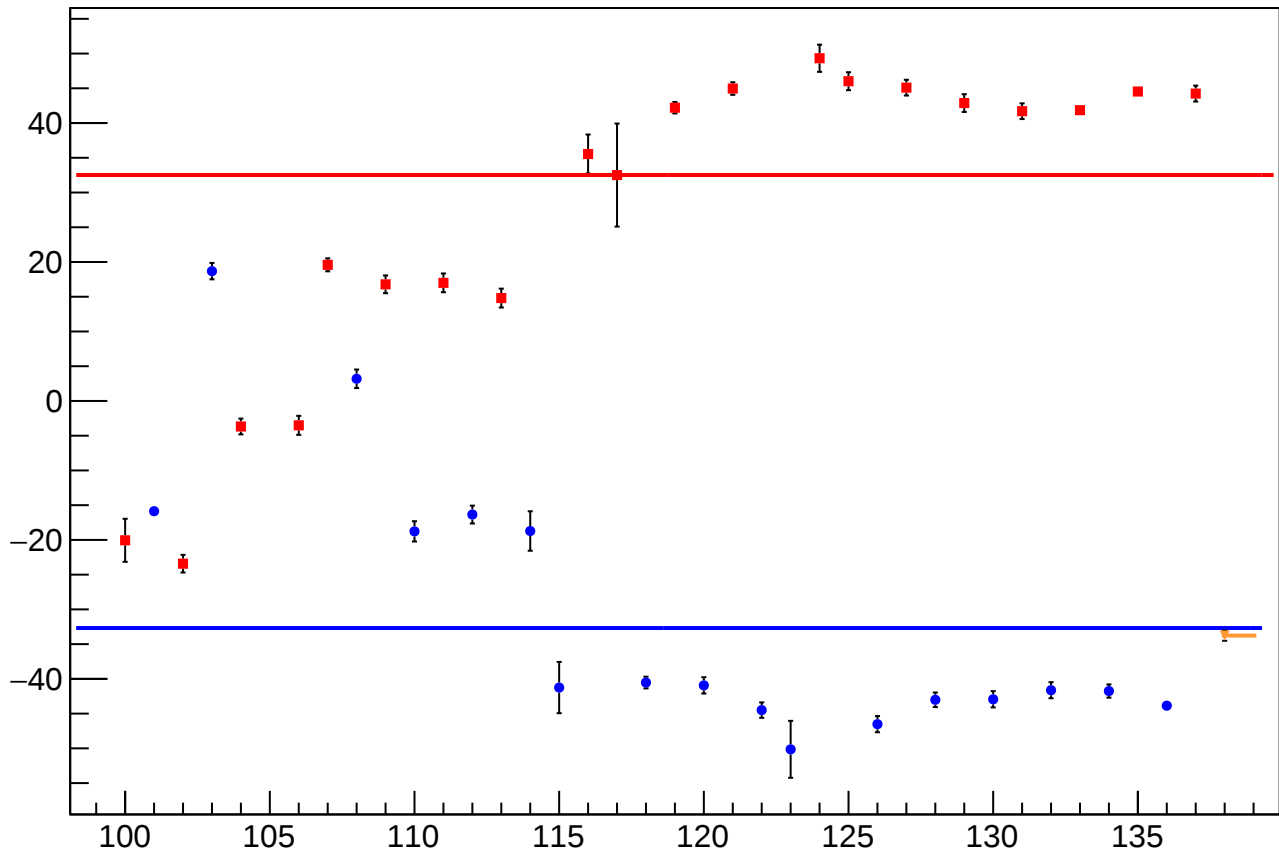
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.786 $\pm$ 0.346 χ^2 /NDF: 236.0/17

-1.644 $\pm$ 0.258 χ^2 /NDF: 309.3/37

-2.719 $\pm$ 0.388 χ^2 /NDF: 59.5/19

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.682 ± 0.256 $\chi^2/\text{NDF}: 4646.9/16$

Left Out: -33.766 ± 0.751 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 32.523 ± 0.244 $\chi^2/\text{NDF}: 6045.3/19$

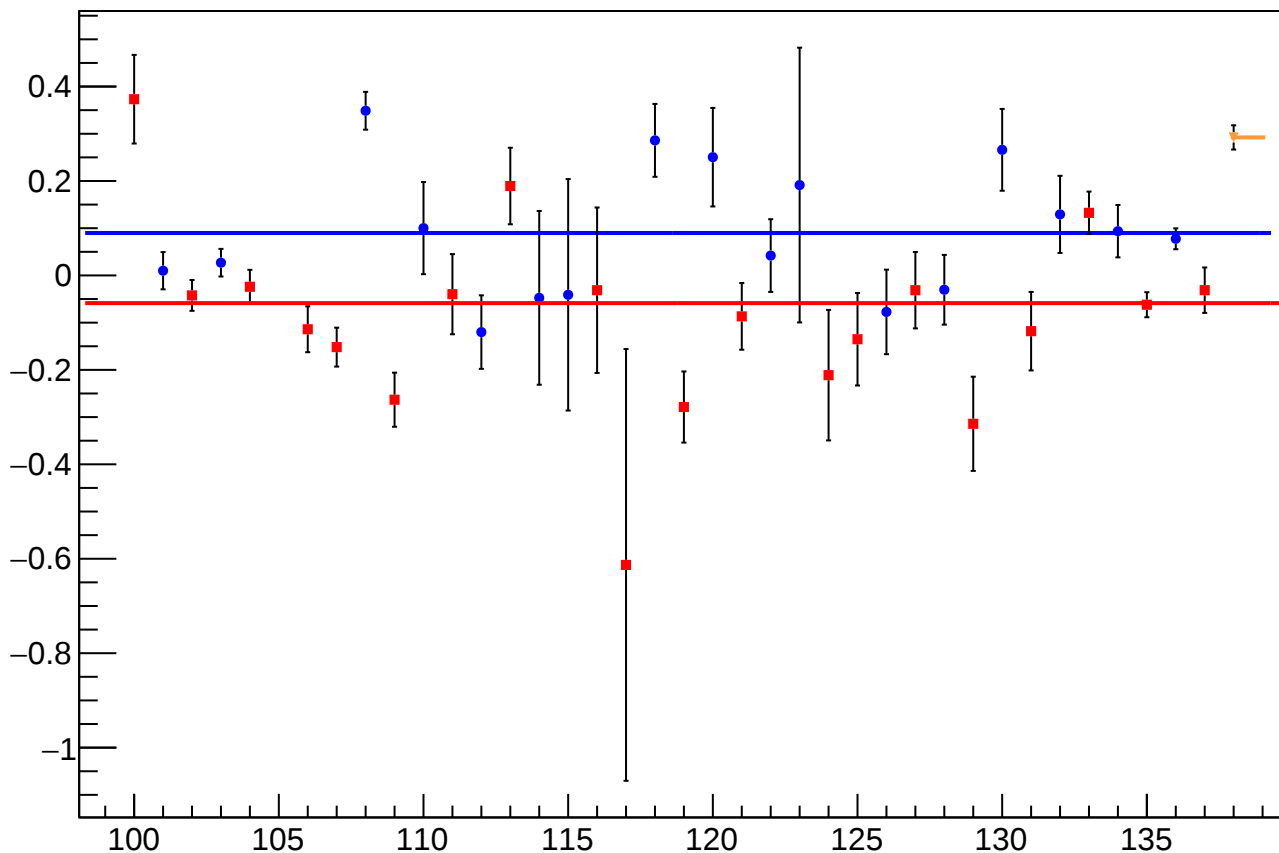
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-32.795 ± 0.242 $\chi^2/\text{NDF}: 4648.8/17$

-0.371 ± 0.172 $\chi^2/\text{NDF}: 46822.7/37$

32.523 ± 0.244 $\chi^2/\text{NDF}: 6045.3/19$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 78.8/16

Left Out: 0.292 $\pm$ 0.026 χ^2 /NDF: 0.0/0

Right Out: -0.059 $\pm$ 0.012 χ^2 /NDF: 88.6/19

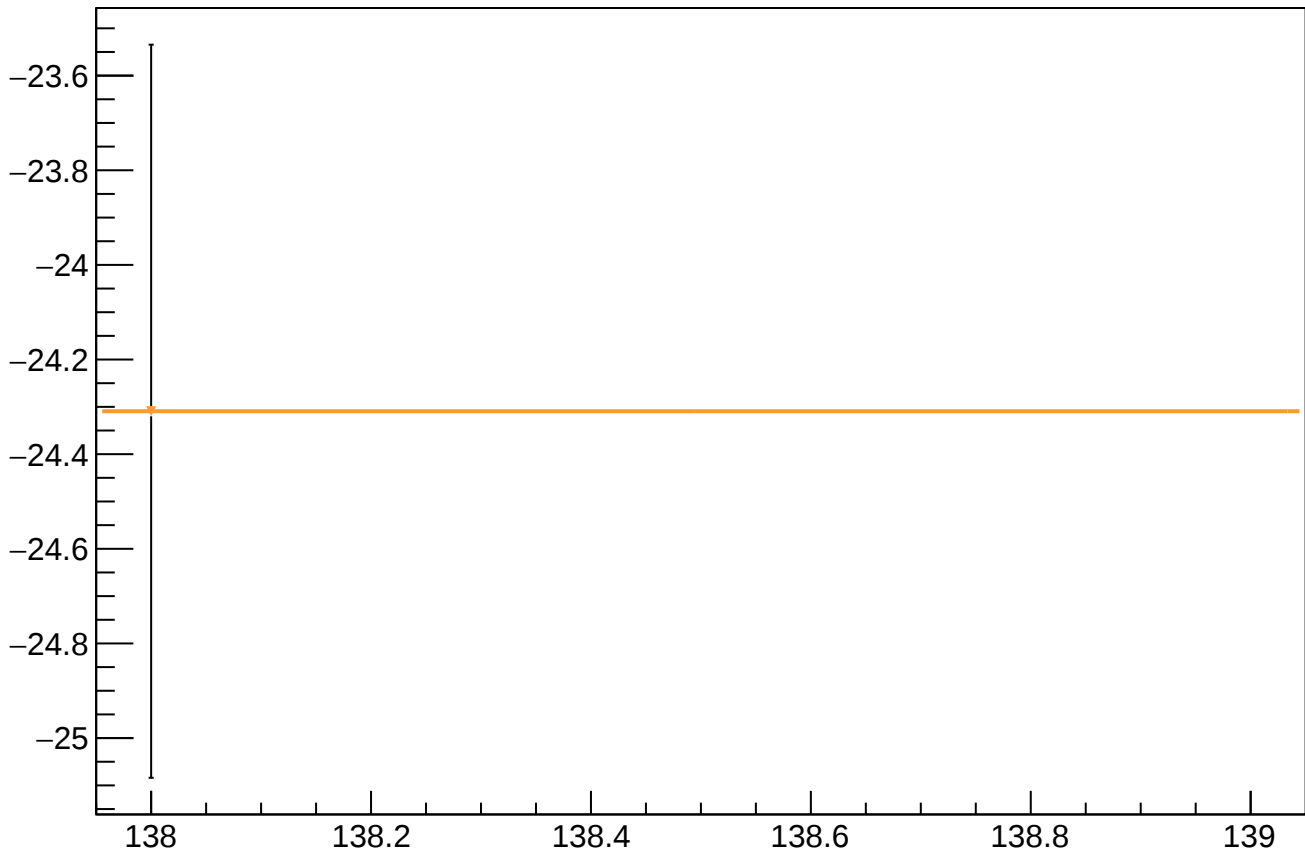
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.130 $\pm$ 0.011 χ^2 /NDF: 128.6/17

0.042 $\pm$ 0.008 χ^2 /NDF: 344.8/37

-0.059 $\pm$ 0.012 χ^2 /NDF: 88.6/19

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.309+/-0.775 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

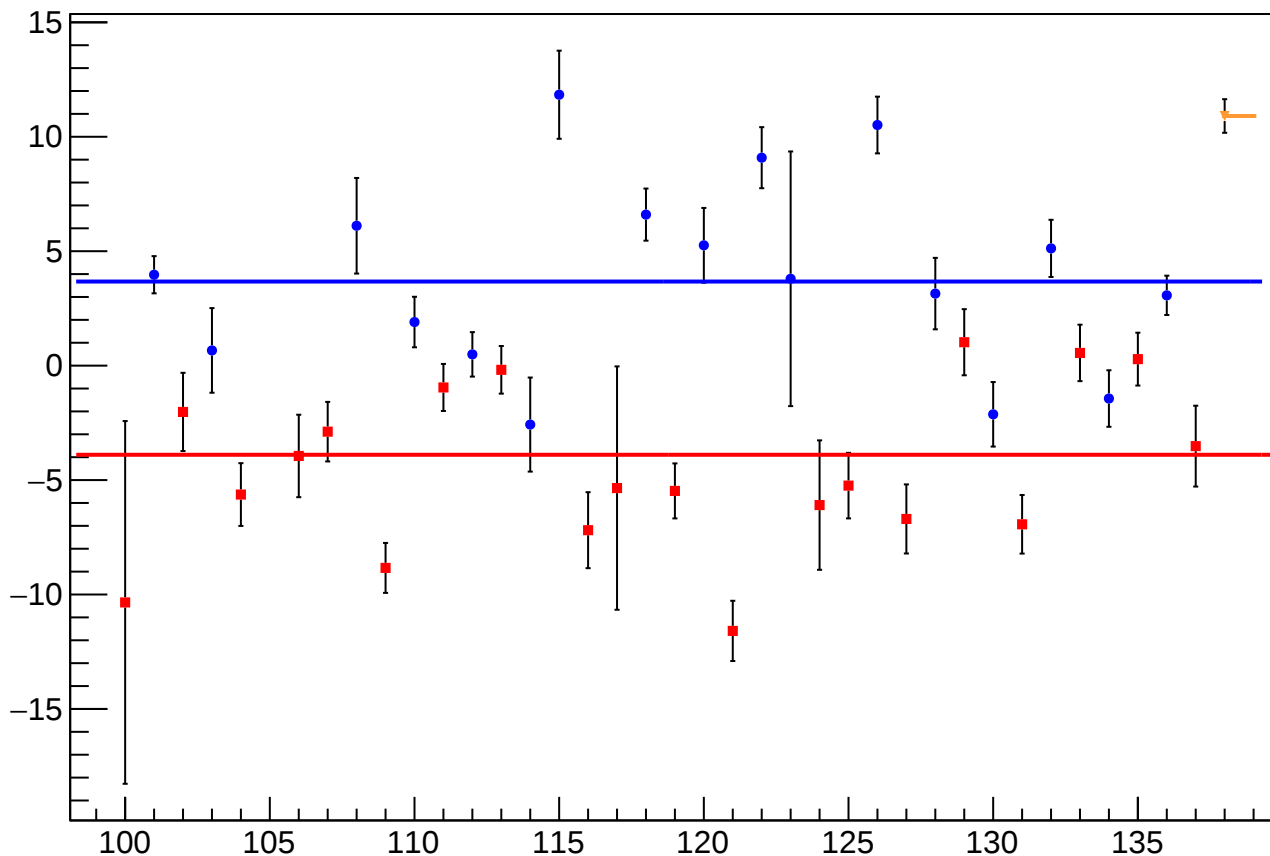
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-24.309+/-0.775 χ^2/NDF : 0.0/0

-24.309+/-0.775 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.675+/-0.310 χ^2/NDF : 135.2/16

Left Out: 10.908+/-0.735 χ^2/NDF : 0.0/0

Right Out: -3.895+/-0.316 χ^2/NDF : 133.8/19

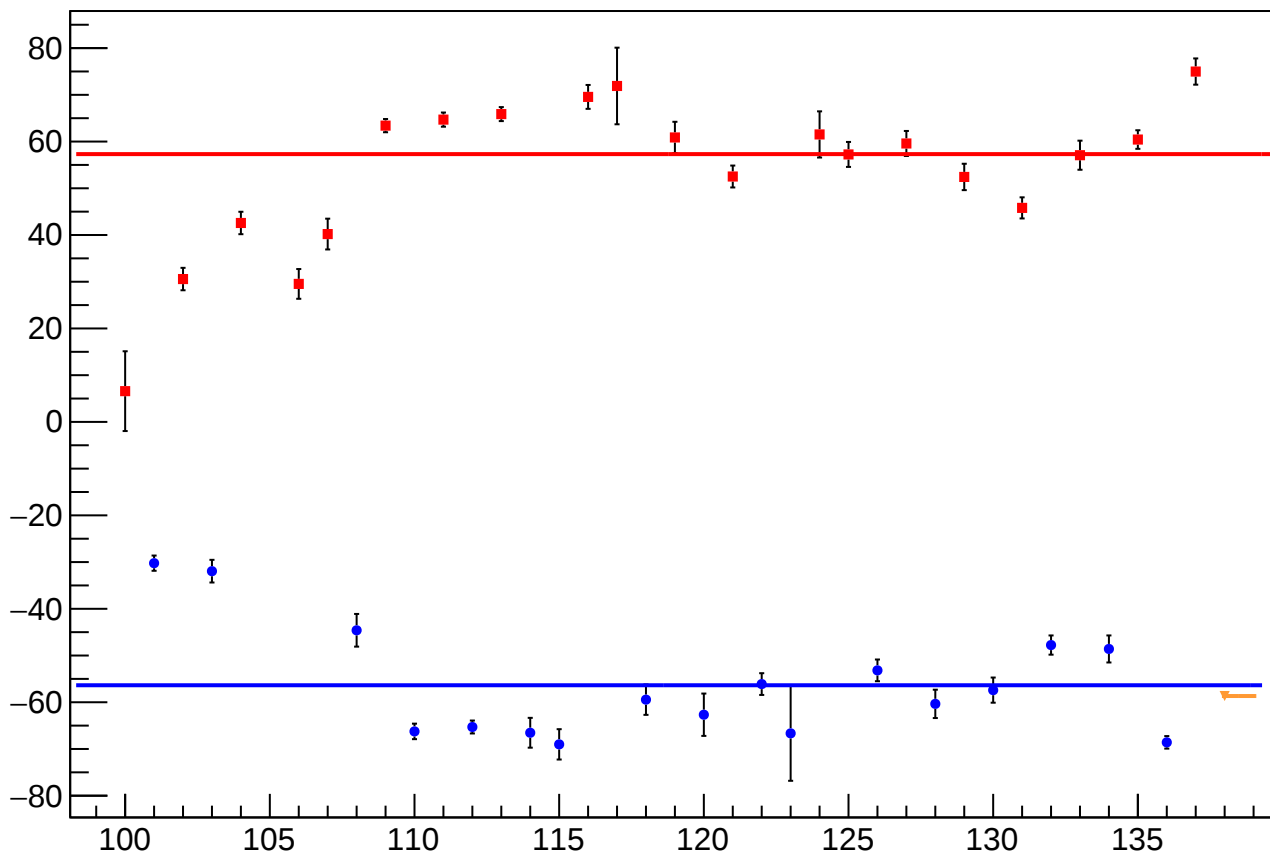
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.770+/-0.286 χ^2/NDF : 217.4/17

0.865+/-0.212 χ^2/NDF : 765.3/37

-3.895+/-0.316 χ^2/NDF : 133.8/19

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.362 ± 0.543 χ^2/NDF : 587.2/16

Left Out: -58.668 ± 0.839 χ^2/NDF : 0.0/0

Right Out: 57.314 ± 0.535 χ^2/NDF : 479.2/19

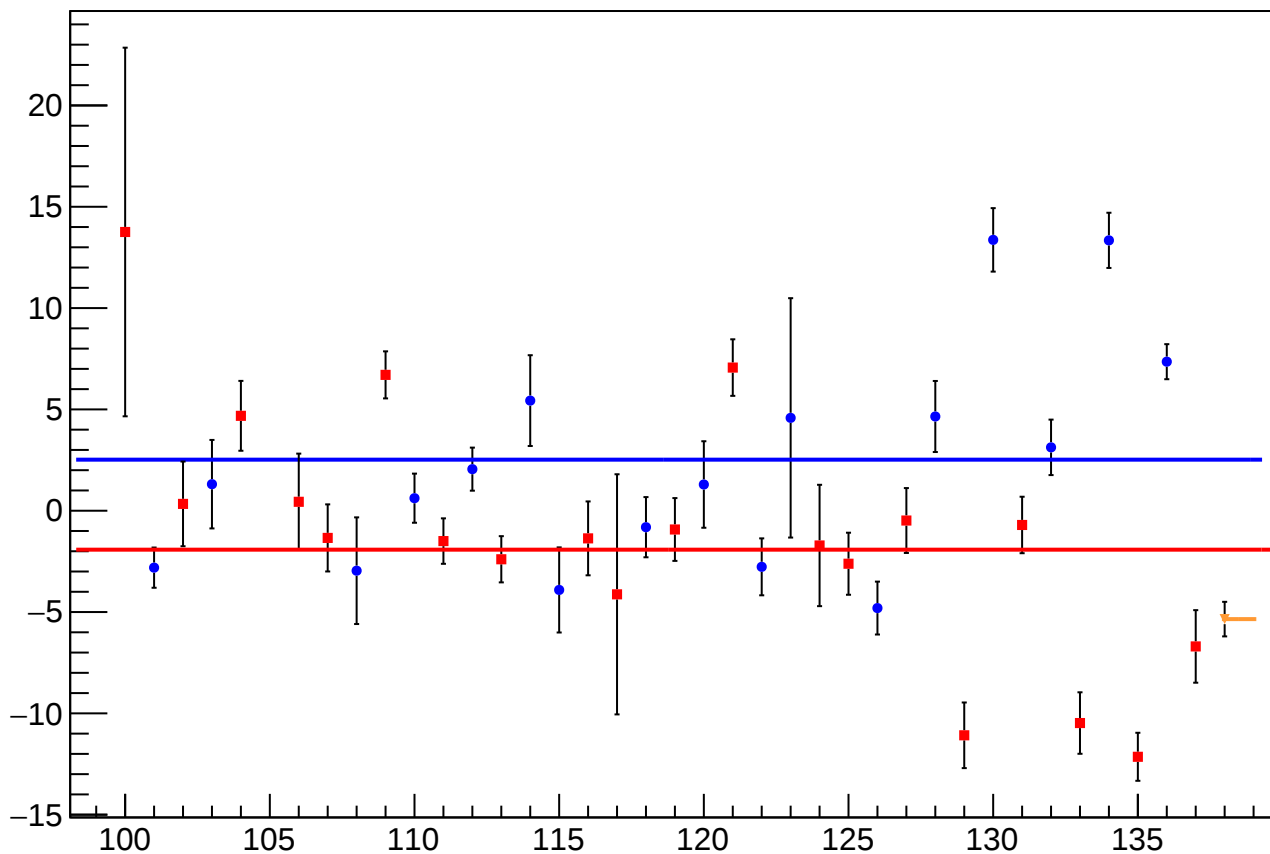
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-57.042 ± 0.456 χ^2/NDF : 592.5/17

-8.909 ± 0.347 χ^2/NDF : 27533.7/37

57.314 ± 0.535 χ^2/NDF : 479.2/19

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.520 $\pm$ 0.347 χ^2 /NDF: 242.3/16

Left Out: -5.349 $\pm$ 0.853 χ^2 /NDF: 0.0/0

Right Out: -1.922 $\pm$ 0.354 χ^2 /NDF: 264.7/19

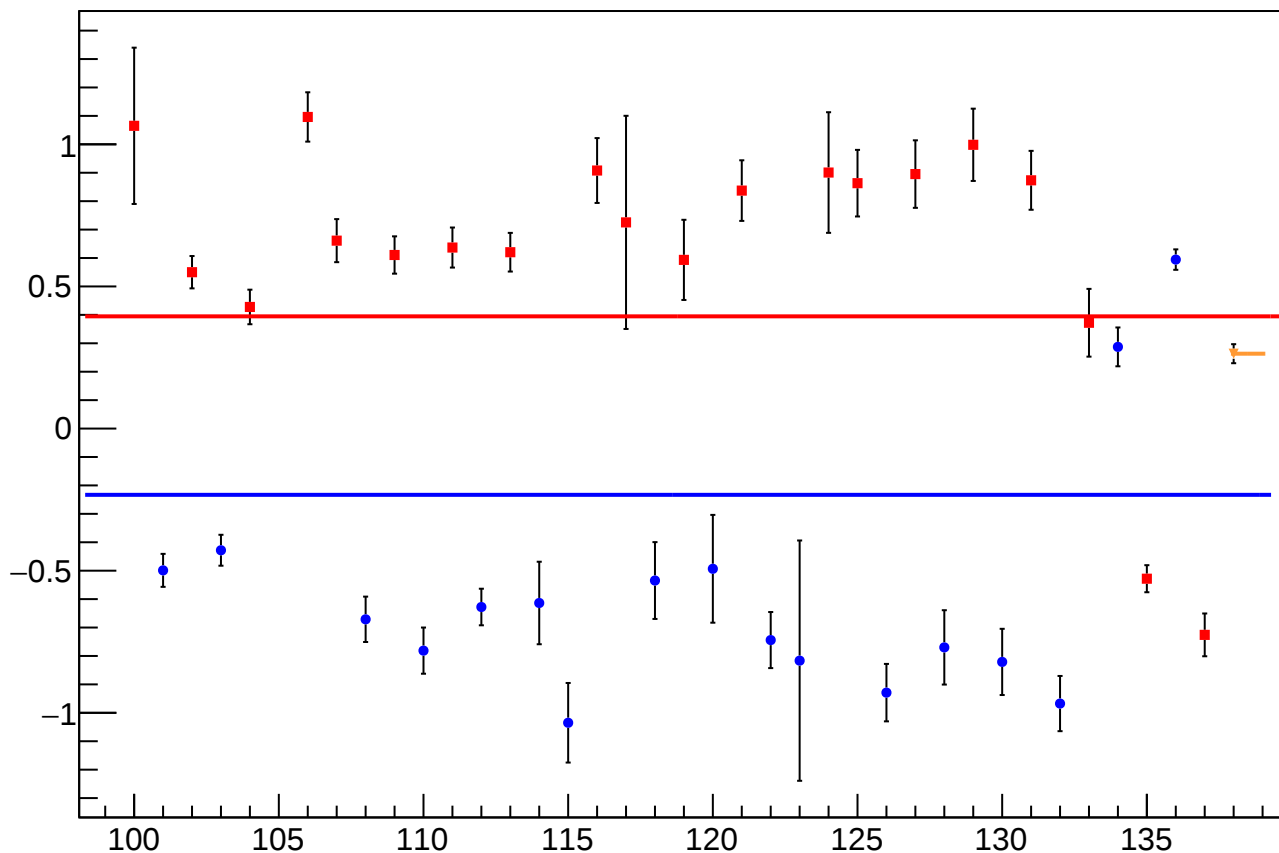
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.402 $\pm$ 0.322 χ^2 /NDF: 315.4/17

-0.099 $\pm$ 0.238 χ^2 /NDF: 628.3/37

-1.922 $\pm$ 0.354 χ^2 /NDF: 264.7/19

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.233 ± 0.019 χ^2/NDF : 956.8/16

Left Out: 0.263 ± 0.033 χ^2/NDF : 0.0/0

Right Out: 0.395 ± 0.019 χ^2/NDF : 845.9/19

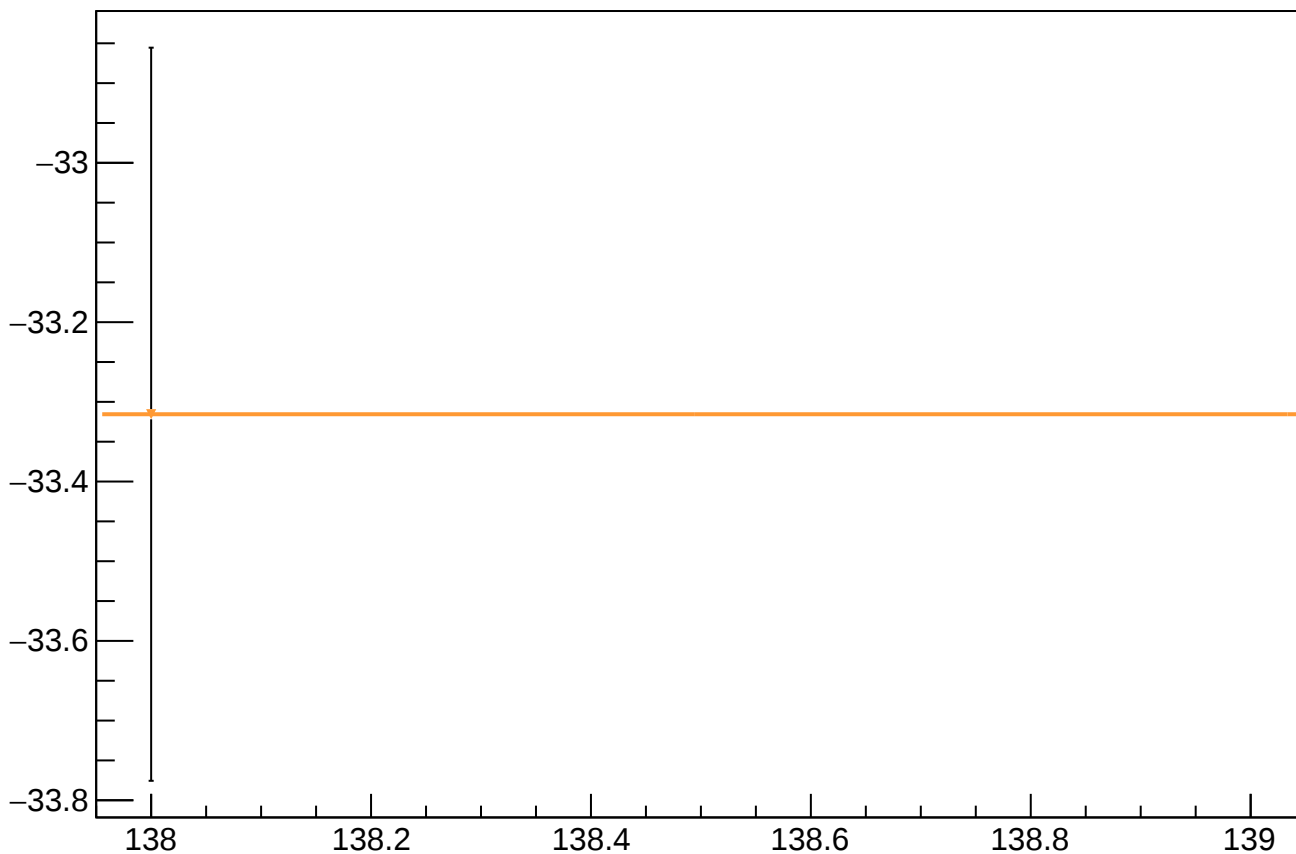
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.113 ± 0.016 χ^2/NDF : 1123.6/17

0.105 ± 0.012 χ^2/NDF : 2378.6/37

0.395 ± 0.019 χ^2/NDF : 845.9/19

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -33.316+/-0.460 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

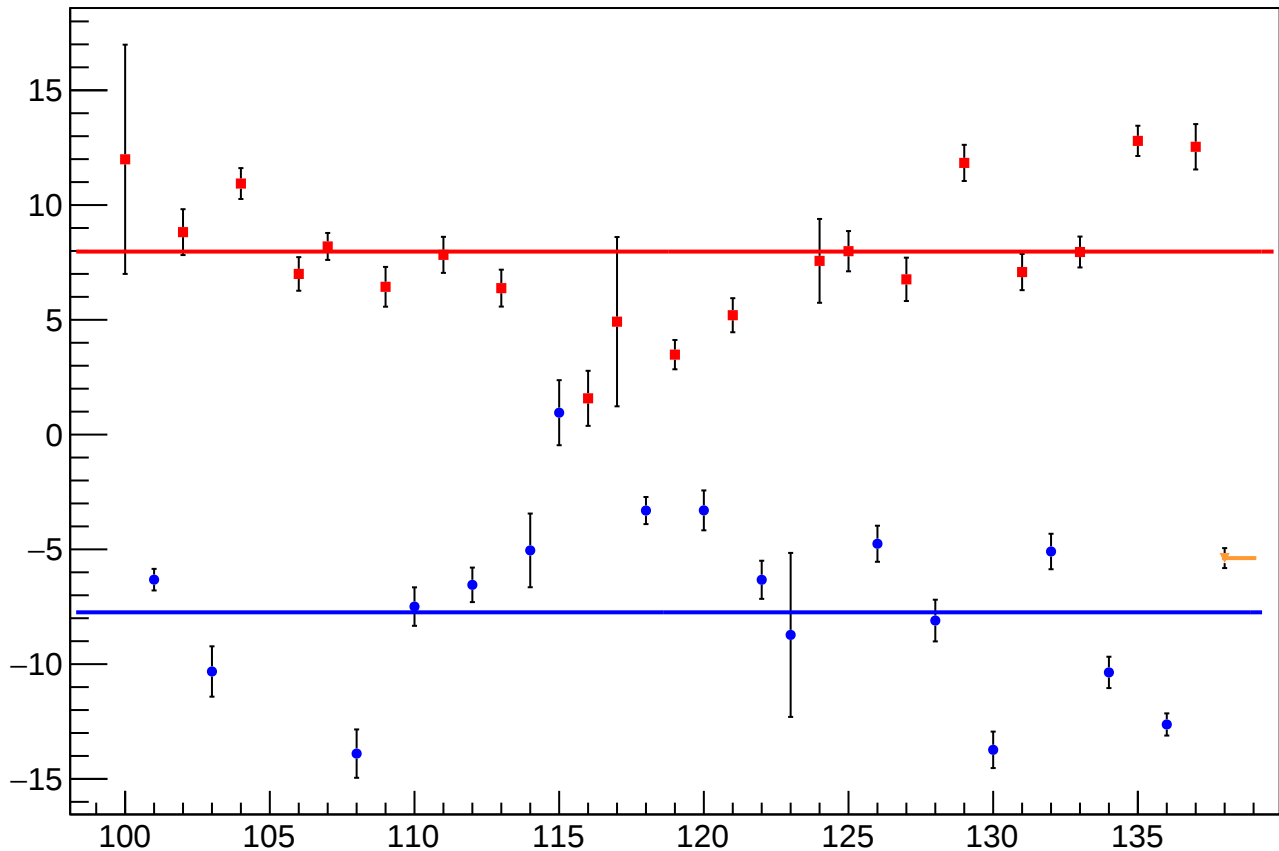
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-33.316+/-0.460 χ^2/NDF : 0.0/0

-33.316+/-0.460 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.743+/-0.187 χ^2 /NDF: 377.5/16

Left Out: -5.380+/-0.435 χ^2 /NDF: 0.0/0

Right Out: 7.973+/-0.186 χ^2 /NDF: 224.2/19

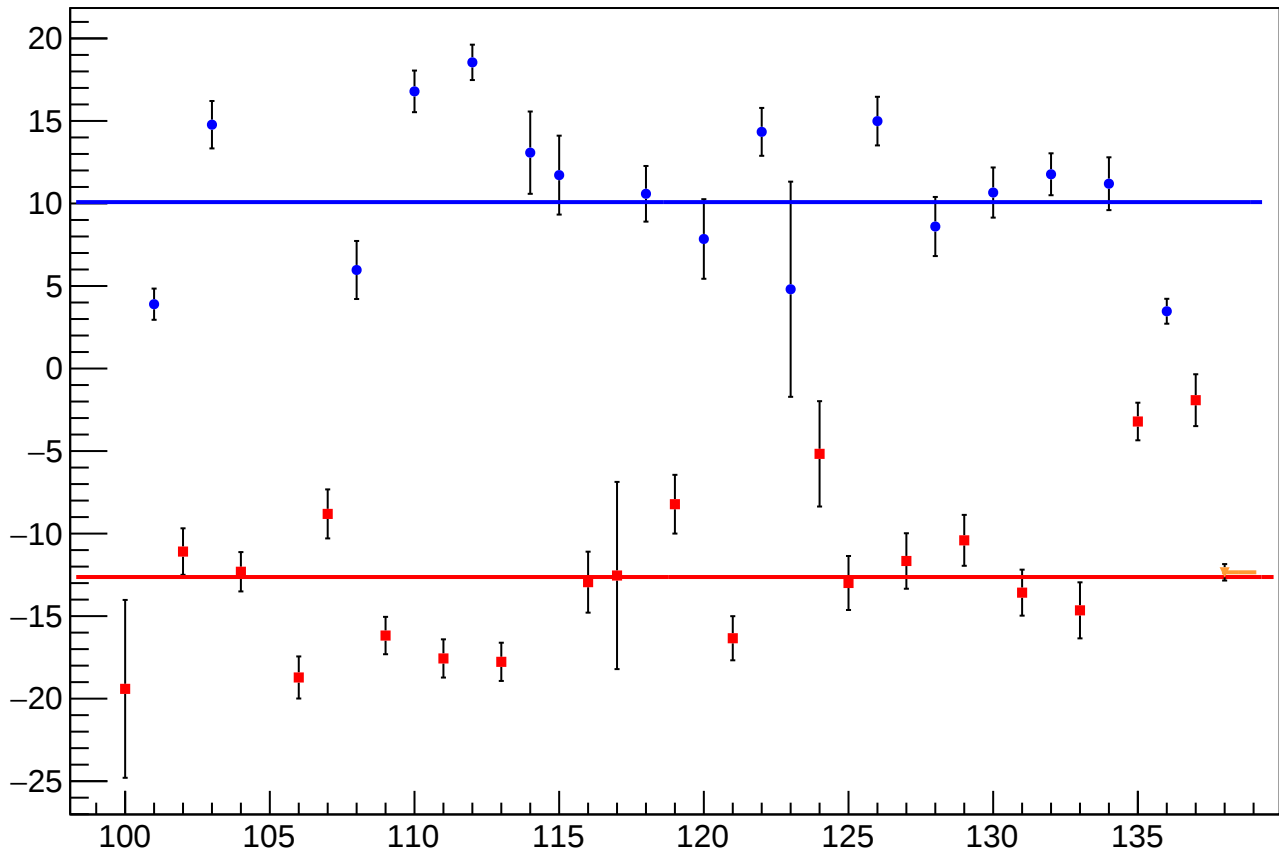
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-7.374+/-0.172 χ^2 /NDF: 402.4/17

-0.288+/-0.126 χ^2 /NDF: 4308.0/37

7.973+/-0.186 χ^2 /NDF: 224.2/19

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.083 $\pm$ 0.338 χ^2/NDF : 252.7/16

Left Out: -12.346 $\pm$ 0.498 χ^2/NDF : 0.0/0

Right Out: -12.631 $\pm$ 0.332 χ^2/NDF : 218.6/19

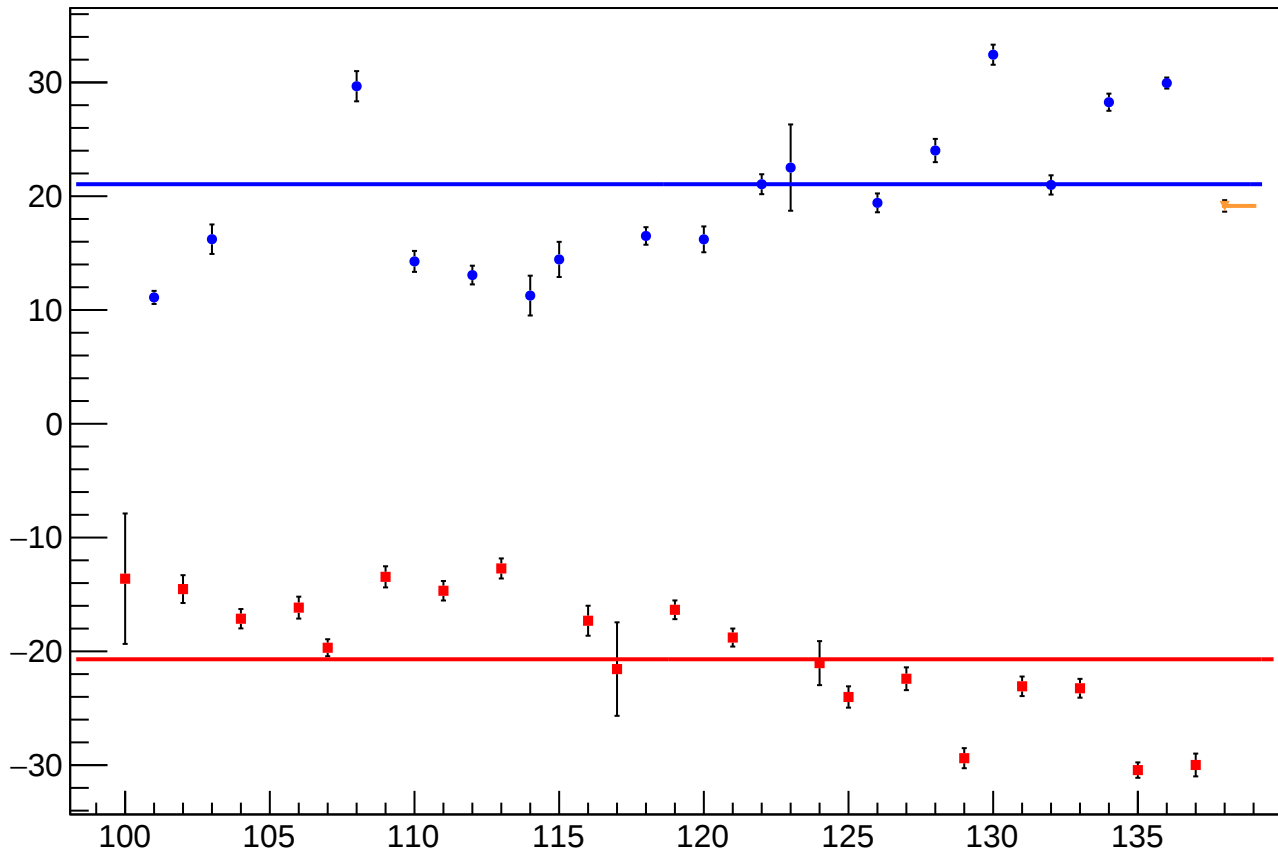
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

3.020 $\pm$ 0.280 χ^2/NDF : 1640.0/17

-3.475 $\pm$ 0.214 χ^2/NDF : 3158.0/37

-12.631 $\pm$ 0.332 χ^2/NDF : 218.6/19

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 21.055 $\pm$ 0.211 χ^2/NDF : 1211.8/16

Left Out: 19.147 $\pm$ 0.506 χ^2/NDF : 0.0/0

Right Out: -20.696 $\pm$ 0.212 χ^2/NDF : 724.1/19

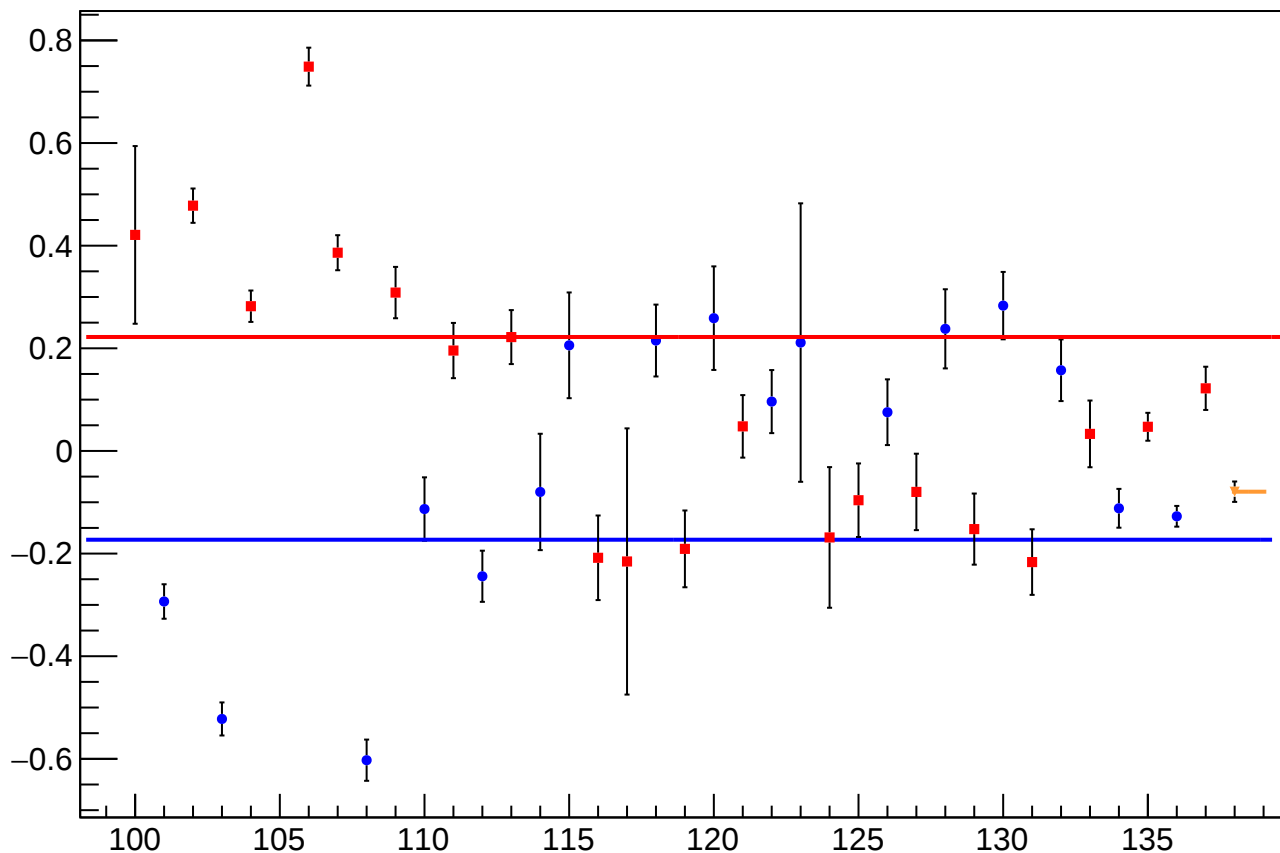
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

20.772 $\pm$ 0.195 χ^2/NDF : 1223.9/17

1.865 $\pm$ 0.143 χ^2/NDF : 22671.9/37

-20.696 $\pm$ 0.212 χ^2/NDF : 724.1/19

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 χ^2/NDF : 461.8/16

Left Out: -0.079 ± 0.020 χ^2/NDF : 0.0/0

Right Out: 0.222 ± 0.011 χ^2/NDF : 538.0/19

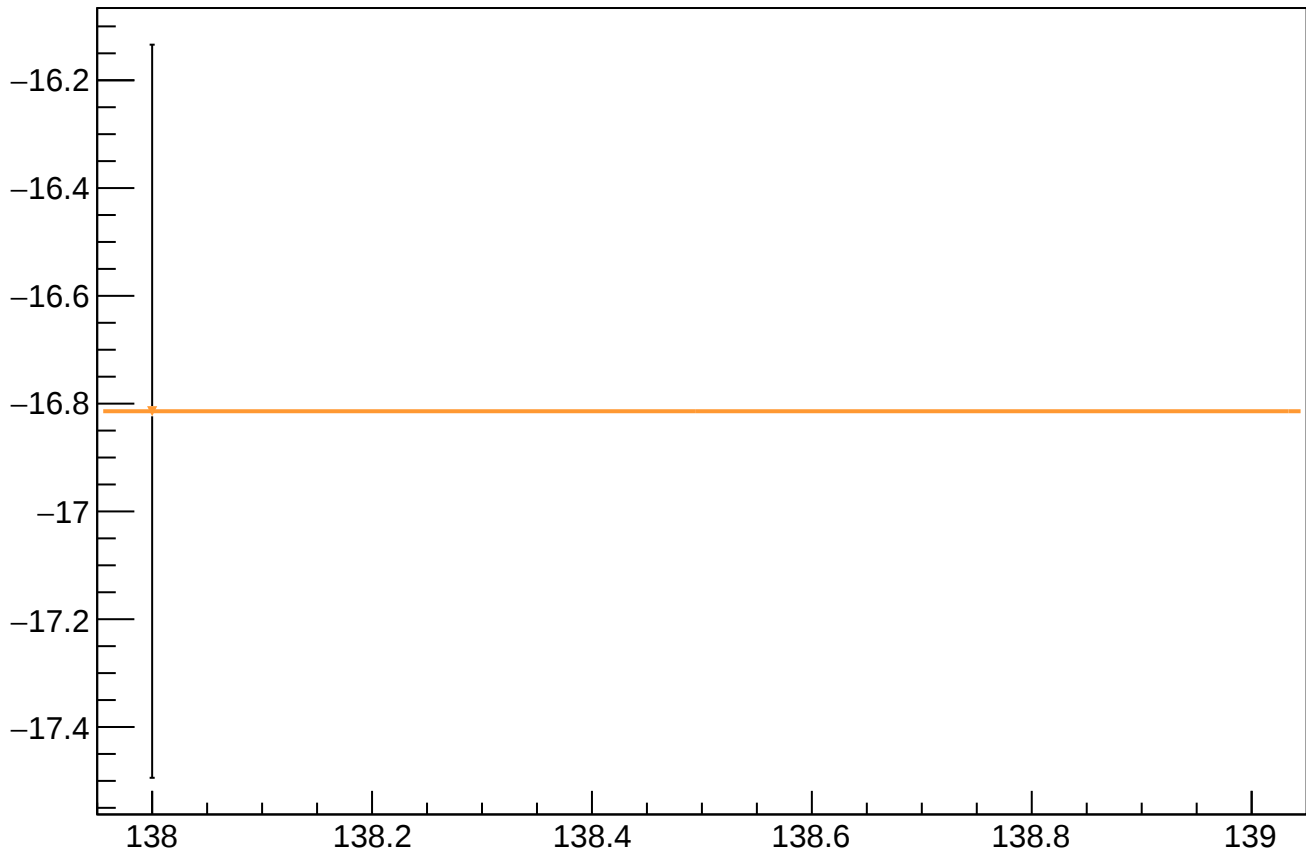
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.150 ± 0.010 χ^2/NDF : 478.7/17

0.015 ± 0.007 χ^2/NDF : 1661.2/37

0.222 ± 0.011 χ^2/NDF : 538.0/19

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -16.814+/-0.680 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

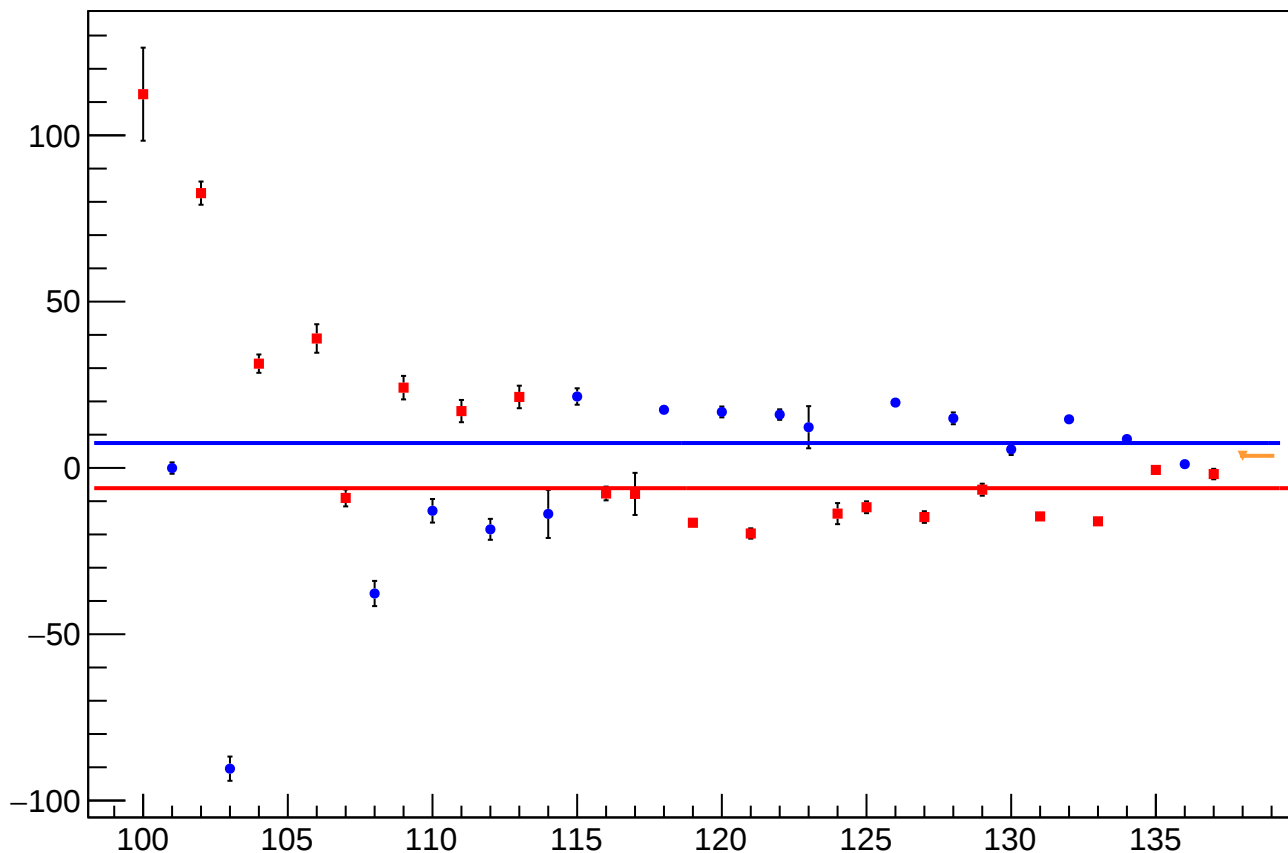
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-16.814+/-0.680 χ^2/NDF : 0.0/0

-16.814+/-0.680 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.488+/-0.407 χ^2/NDF : 1340.5/16

Left Out: 3.648+/-0.650 χ^2/NDF : 0.0/0

Right Out: -6.086+/-0.433 χ^2/NDF : 1512.2/19

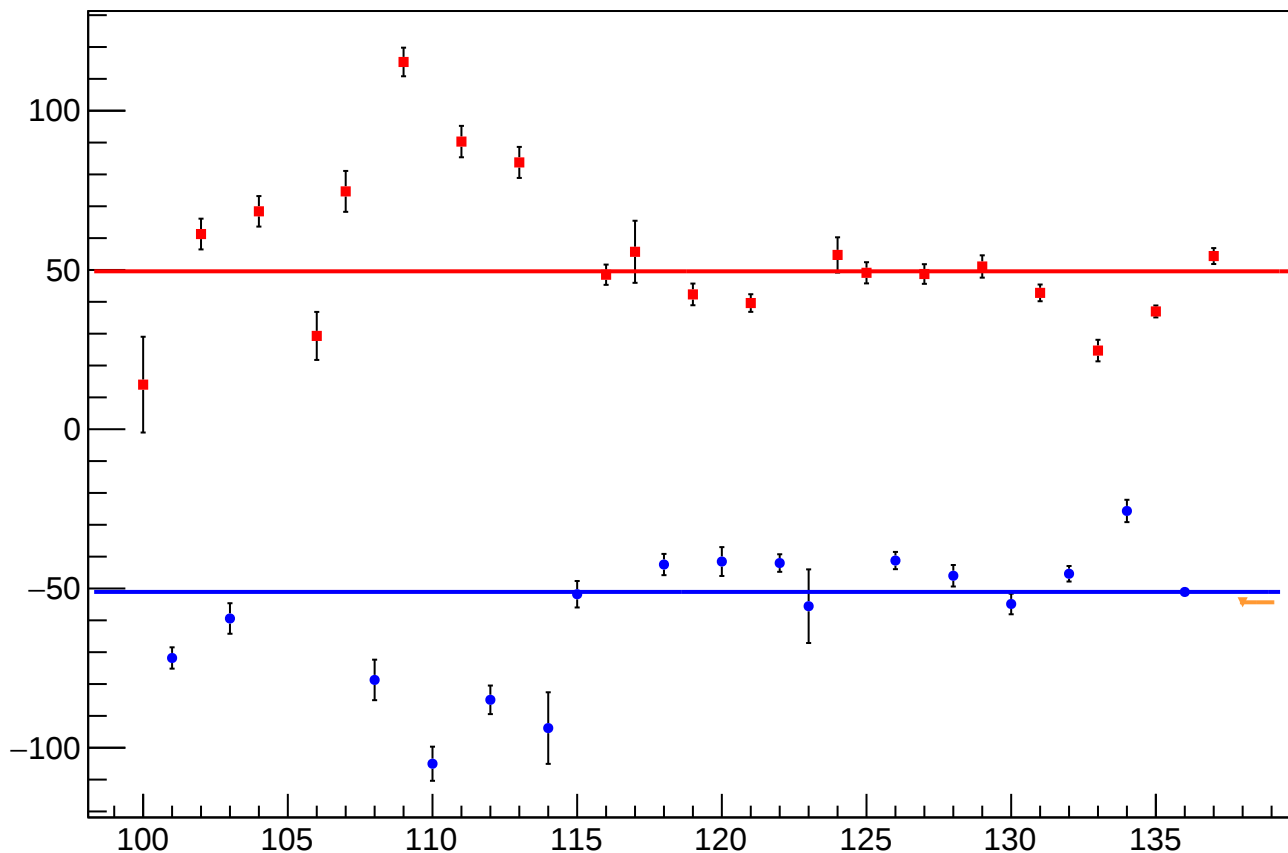
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.406+/-0.345 χ^2/NDF : 1365.6/17

1.564+/-0.270 χ^2/NDF : 3387.0/37

-6.086+/-0.433 χ^2/NDF : 1512.2/19

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -51.077 $\pm$ 0.741 χ^2 /NDF: 330.2/16

Left Out: -54.339 $\pm$ 0.737 χ^2 /NDF: 0.0/0

Right Out: 49.579 $\pm$ 0.796 χ^2 /NDF: 510.0/19

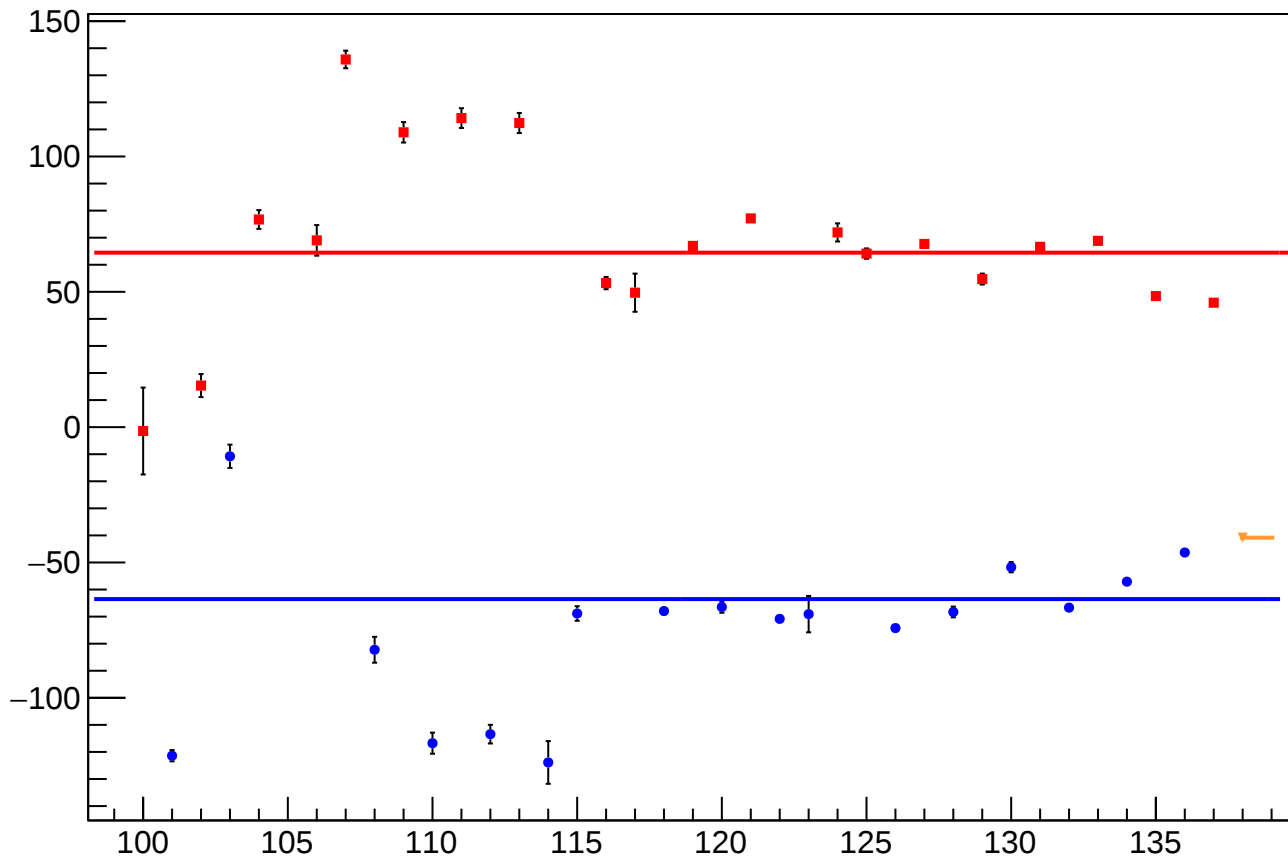
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-52.716 $\pm$ 0.523 χ^2 /NDF: 339.9/17

-21.894 $\pm$ 0.437 χ^2 /NDF: 12396.2/37

49.579 $\pm$ 0.796 χ^2 /NDF: 510.0/19

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.525 $\pm$ 0.449 χ^2 /NDF: 2010.9/16

Left Out: -40.834 $\pm$ 0.753 χ^2 /NDF: 0.0/0

Right Out: 64.470 $\pm$ 0.482 χ^2 /NDF: 1607.5/19

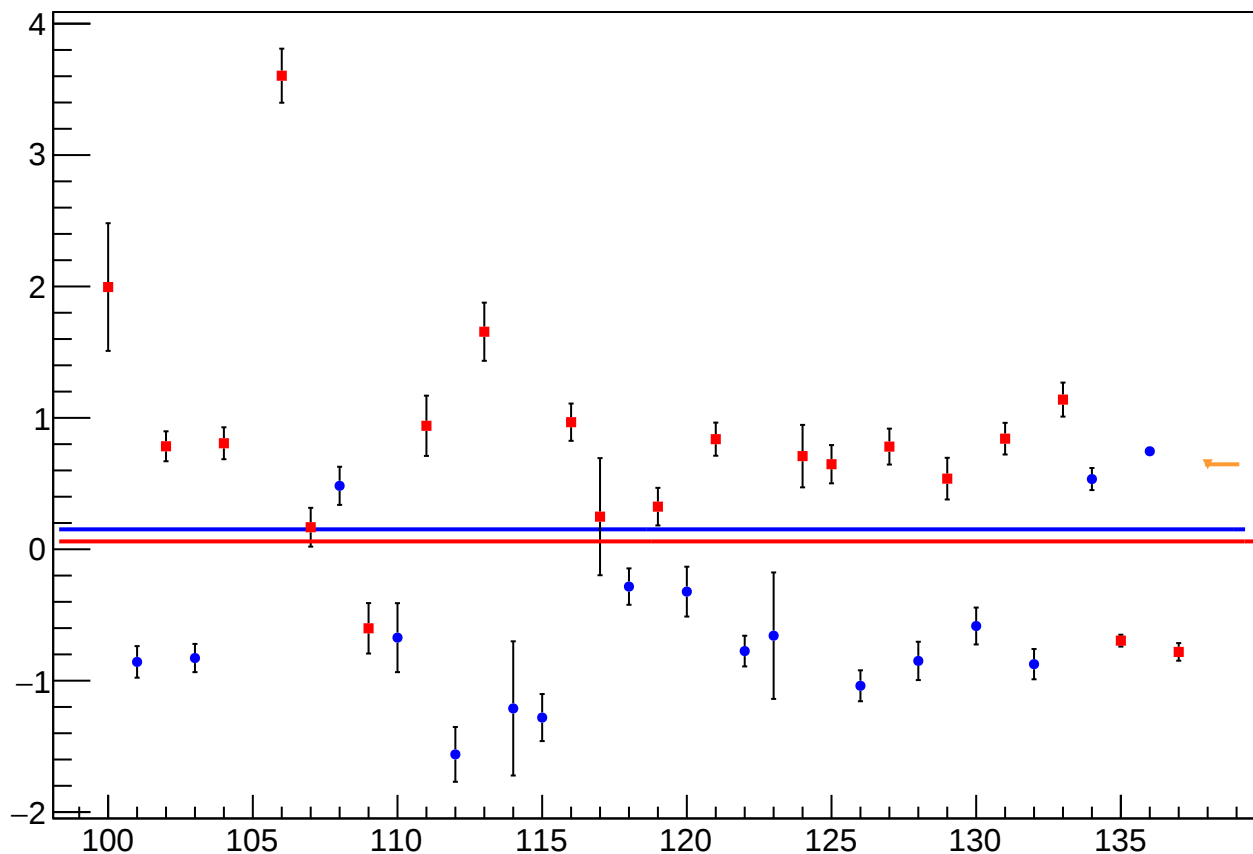
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-57.575 $\pm$ 0.385 χ^2 /NDF: 2681.6/17

-9.961 $\pm$ 0.301 χ^2 /NDF: 43417.2/37

64.470 $\pm$ 0.482 χ^2 /NDF: 1607.5/19

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.152 $\pm$ 0.024 χ^2 /NDF: 987.4/16

Left Out: 0.647 $\pm$ 0.029 χ^2 /NDF:0.0/0

Right Out: 0.060 $\pm$ 0.026 χ^2 /NDF: 1162.1/19

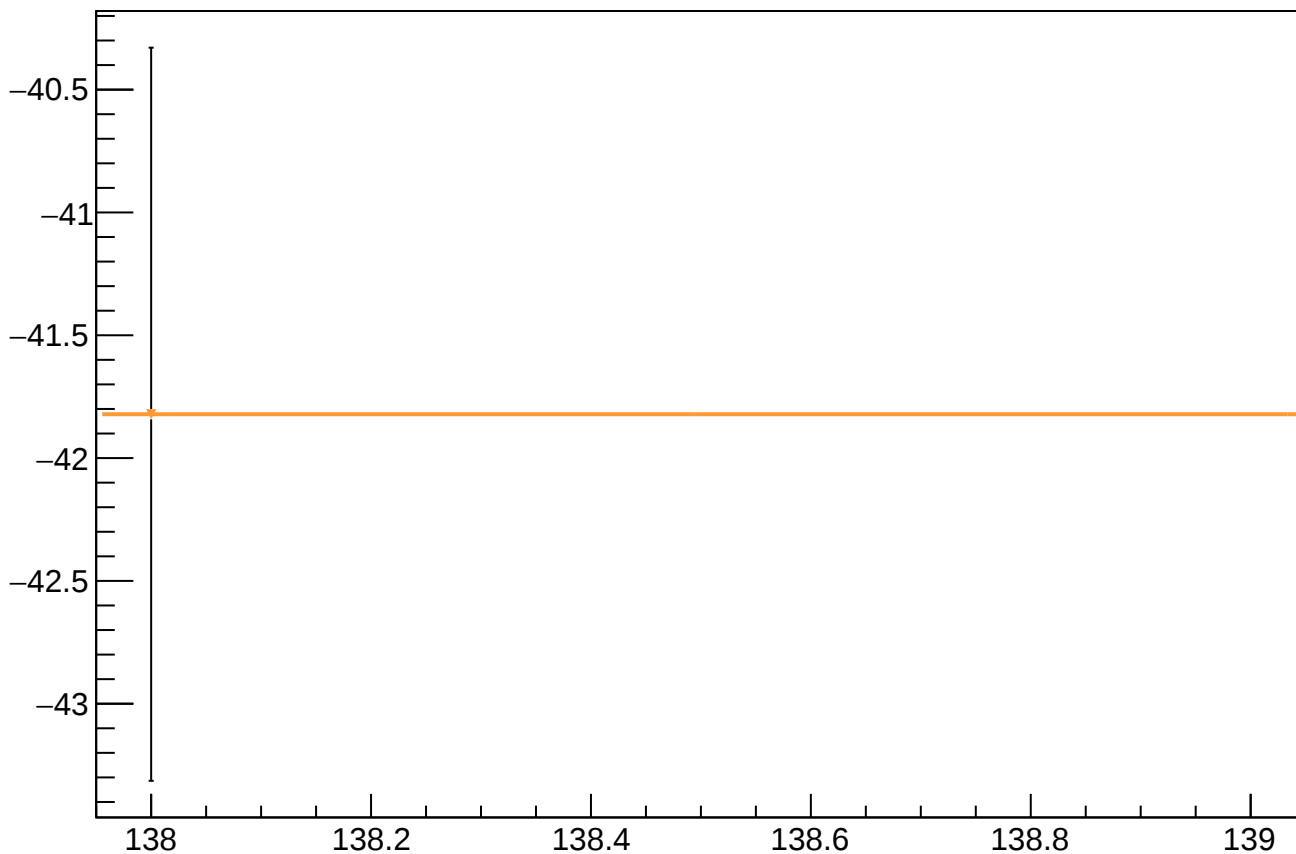
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.350 $\pm$ 0.019 χ^2 /NDF: 1157.3/17

0.253 $\pm$ 0.015 χ^2 /NDF: 2400.7/37

0.060 $\pm$ 0.026 χ^2 /NDF: 1162.1/19

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -41.821+/-1.492 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

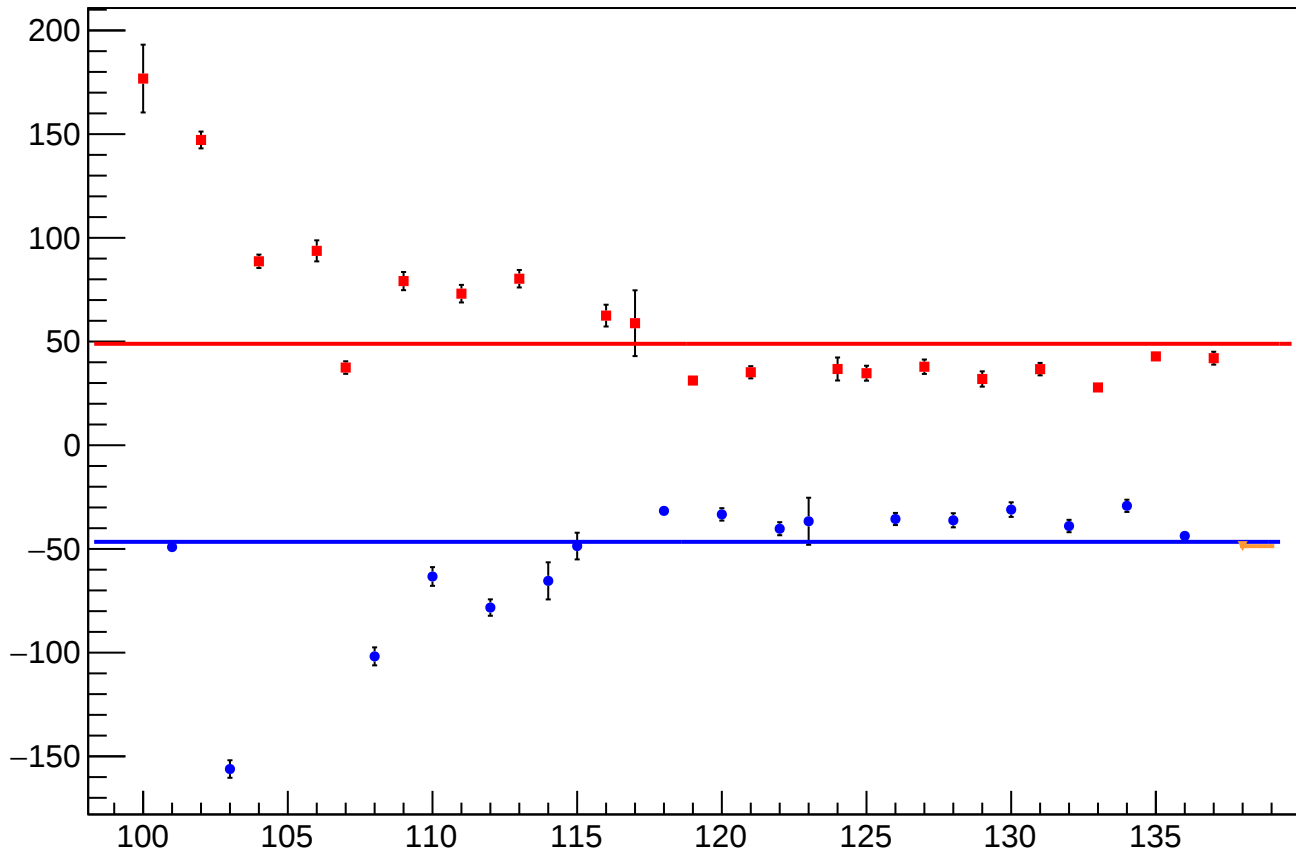
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-41.821+/-1.492 χ^2/NDF : 0.0/0

-41.821+/-1.492 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.579 $\pm$ 0.730 χ^2 /NDF: 1076.4/16

Left Out: -48.663 $\pm$ 1.485 χ^2 /NDF: 0.0/0

Right Out: 48.911 $\pm$ 0.763 χ^2 /NDF: 1277.9/19

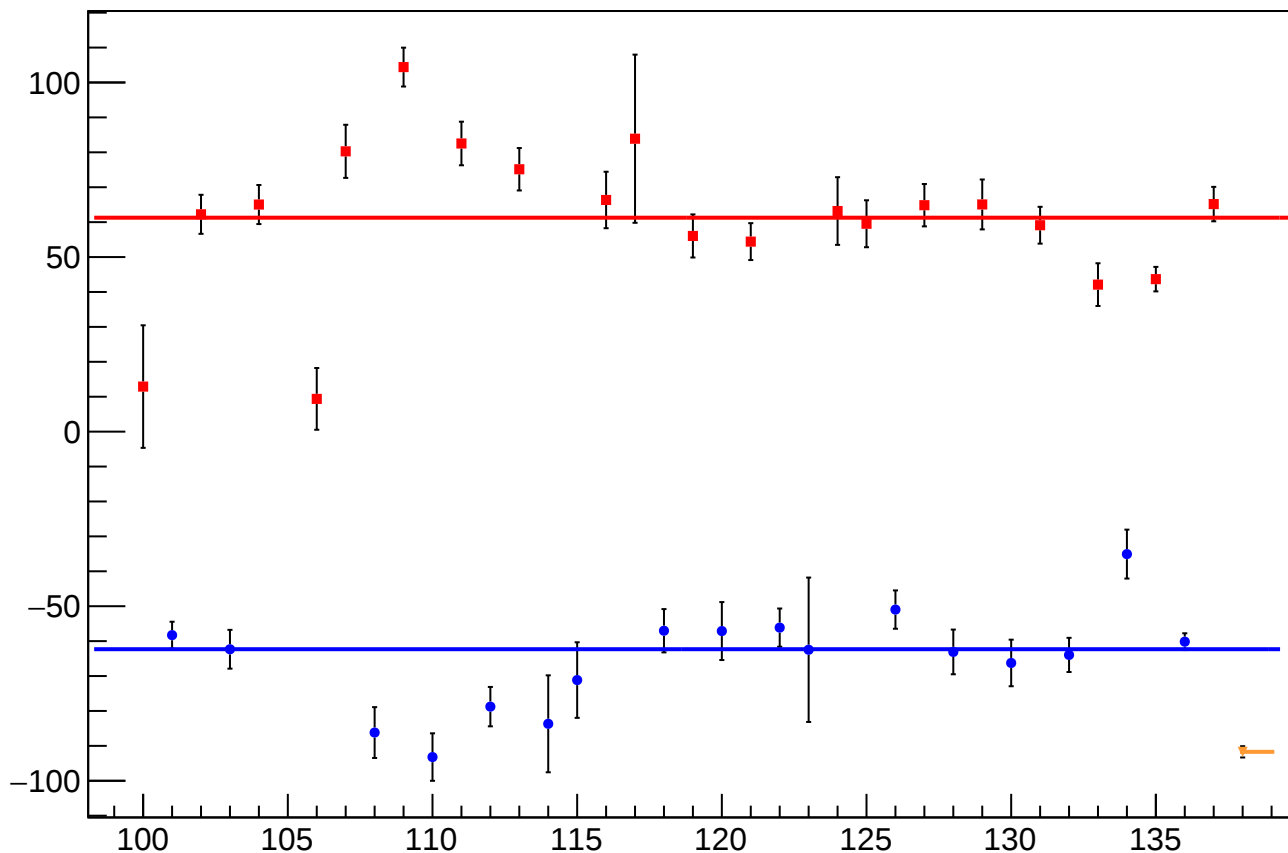
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-46.984 $\pm$ 0.655 χ^2 /NDF: 1078.0/17

-6.279 $\pm$ 0.497 χ^2 /NDF: 11456.6/37

48.911 $\pm$ 0.763 χ^2 /NDF: 1277.9/19

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.315 ± 1.316 χ^2/NDF : 67.1/16

Left Out: -91.708 ± 1.618 χ^2/NDF : 0.0/0

Right Out: 61.277 ± 1.379 χ^2/NDF : 165.9/19

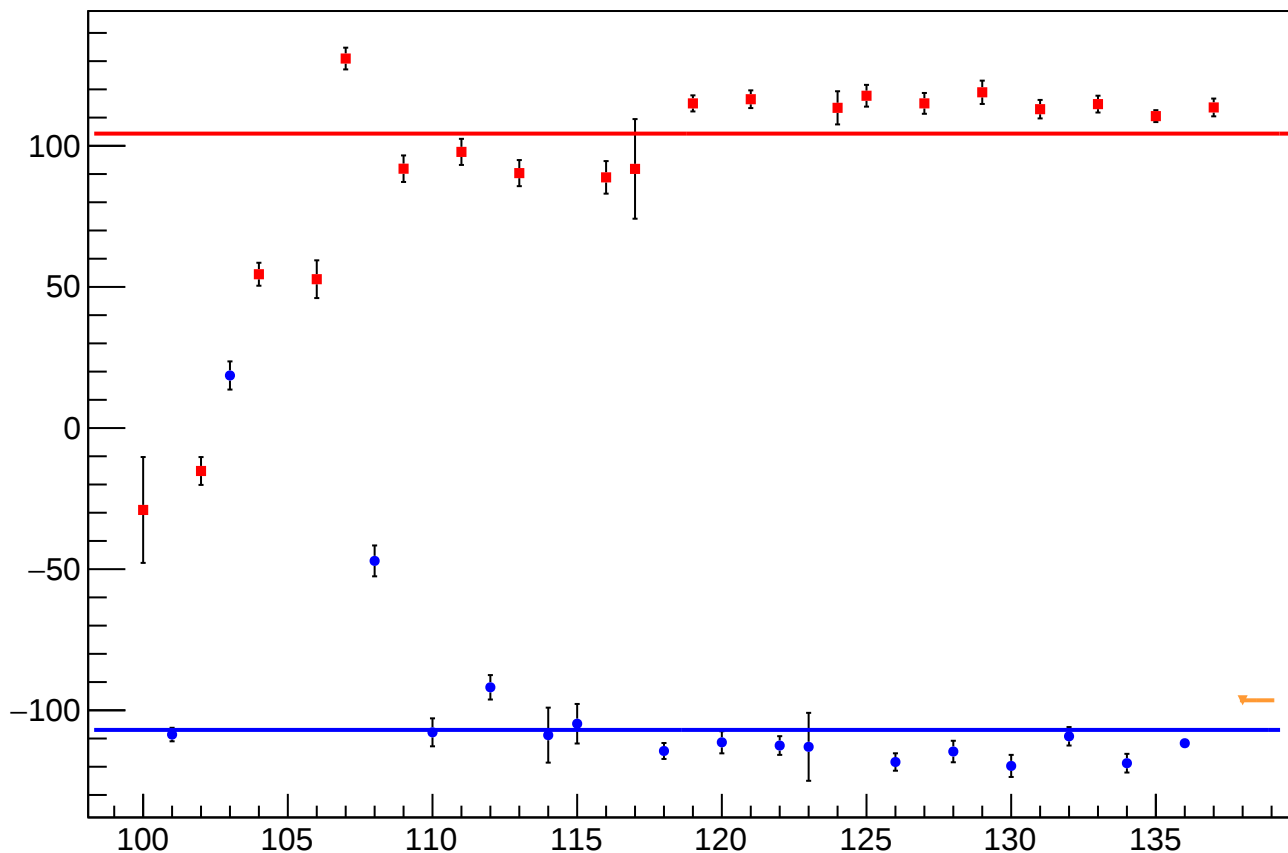
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-74.013 ± 1.021 χ^2/NDF : 265.8/17

-26.113 ± 0.820 χ^2/NDF : 6651.5/37

61.277 ± 1.379 χ^2/NDF : 165.9/19

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -106.954 ± 0.817 χ^2/NDF : 827.2/16

Left Out: -96.464 ± 1.703 χ^2/NDF : 0.0/0

Right Out: 104.326 ± 0.860 χ^2/NDF : 1021.5/19

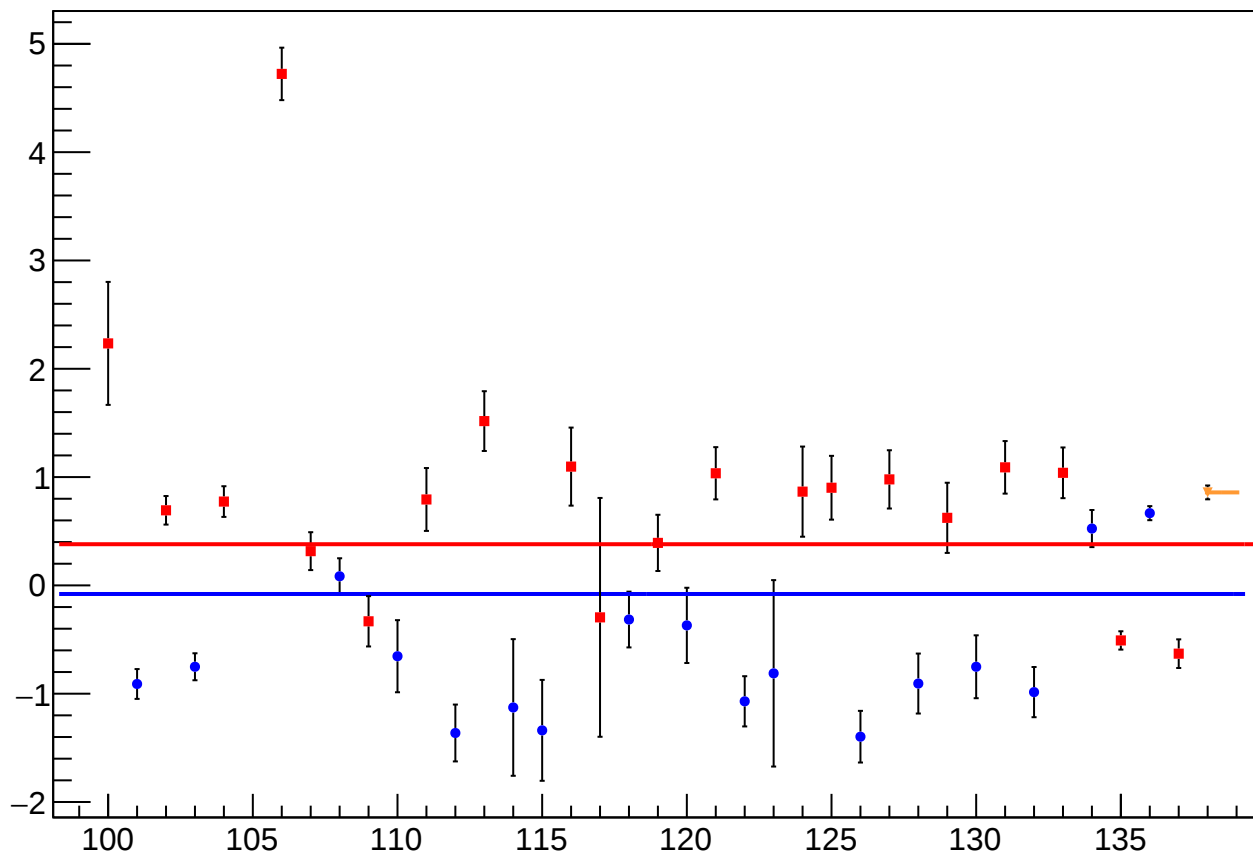
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-104.990 ± 0.737 χ^2/NDF : 858.1/17

-16.433 ± 0.560 χ^2/NDF : 36031.0/37

104.326 ± 0.860 χ^2/NDF : 1021.5/19

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.079 ± 0.042 χ^2/NDF : 328.5/16

Left Out: 0.858 ± 0.064 χ^2/NDF : 0.0/0

Right Out: 0.380 ± 0.044 χ^2/NDF : 580.9/19

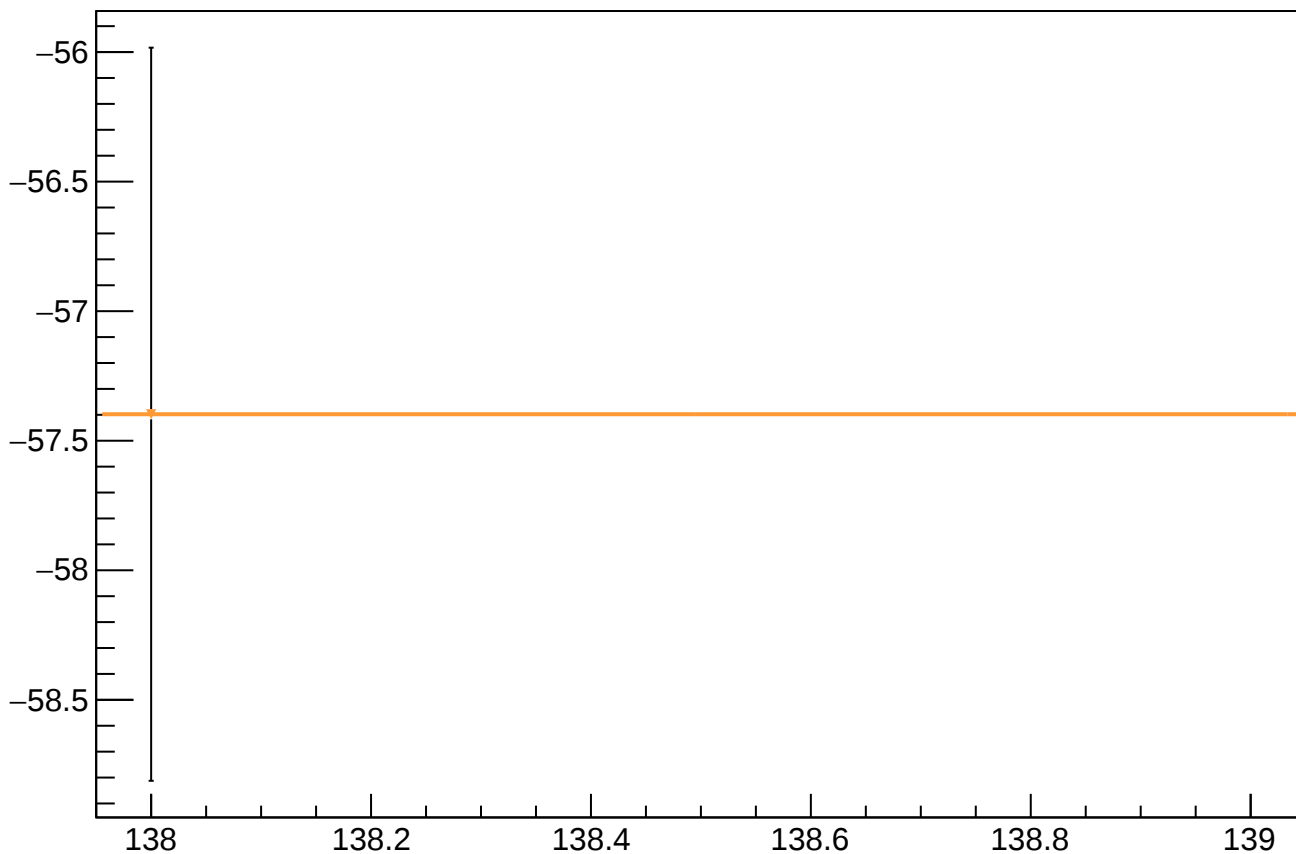
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.206 ± 0.035 χ^2/NDF : 478.3/17

0.274 ± 0.028 χ^2/NDF : 1068.8/37

0.380 ± 0.044 χ^2/NDF : 580.9/19

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -57.398 ± 1.415 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

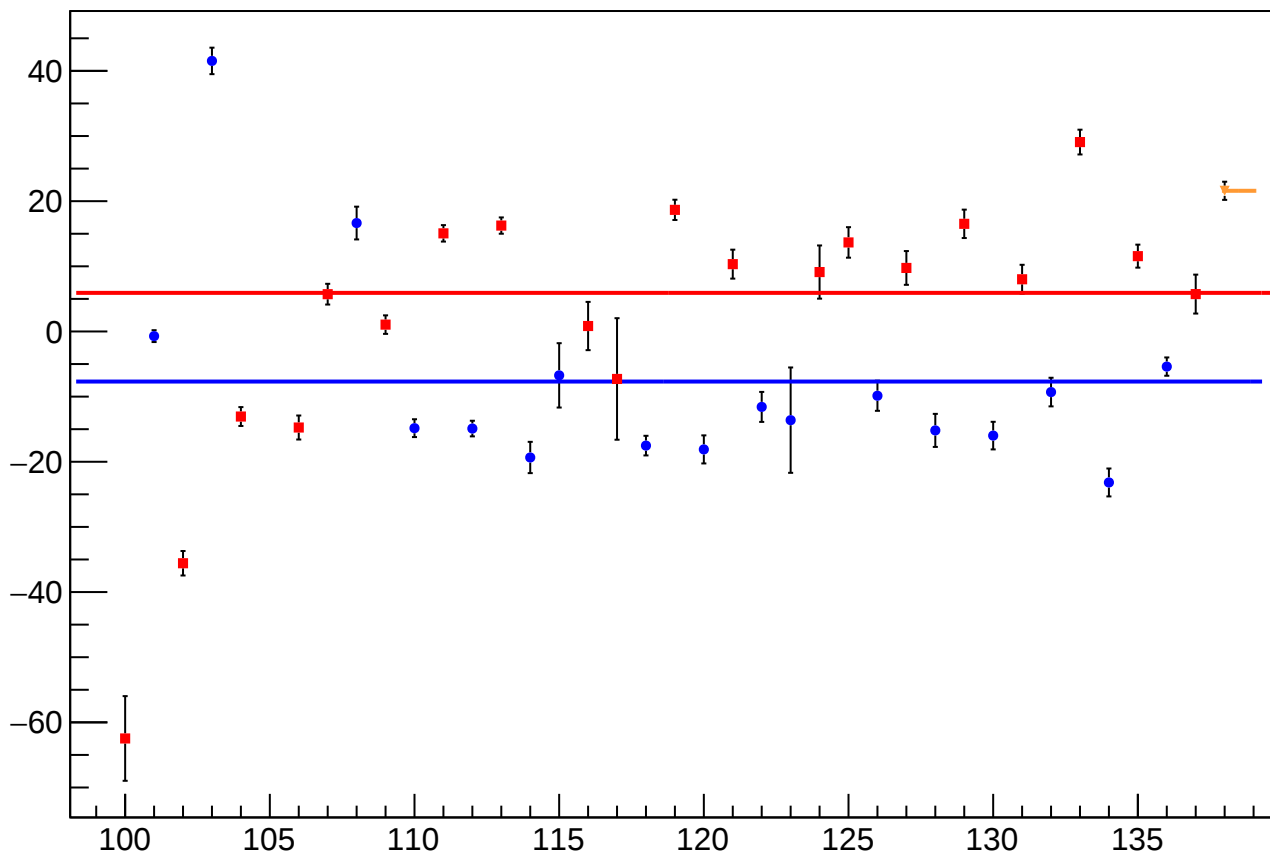
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-57.398 ± 1.415 χ^2/NDF : 0.0/0

-57.398 ± 1.415 χ^2/NDF : 0.0/0

0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.686 ± 0.430 χ^2/NDF : 975.9/16

Left Out: 21.593 ± 1.394 χ^2/NDF : 0.0/0

Right Out: 5.925 ± 0.428 χ^2/NDF : 1300.1/19

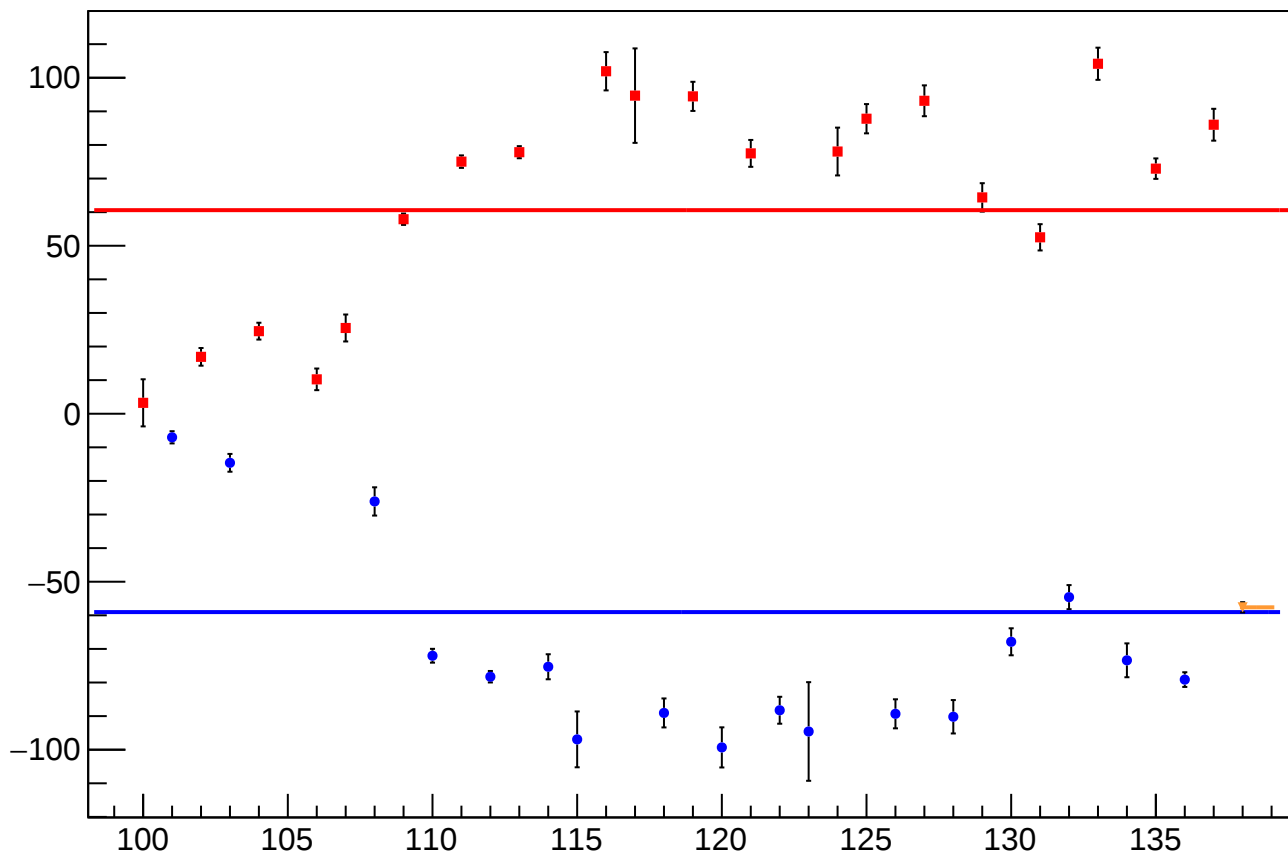
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-5.143 ± 0.411 χ^2/NDF : 1378.8/17

0.160 ± 0.297 χ^2/NDF : 3026.5/37

5.925 ± 0.428 χ^2/NDF : 1300.1/19

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.039+/-0.746 χ^2/NDF : 1709.5/16

Left Out: -57.620+/-1.533 χ^2/NDF : 0.0/0

Right Out: 60.593+/-0.704 χ^2/NDF : 1390.7/19

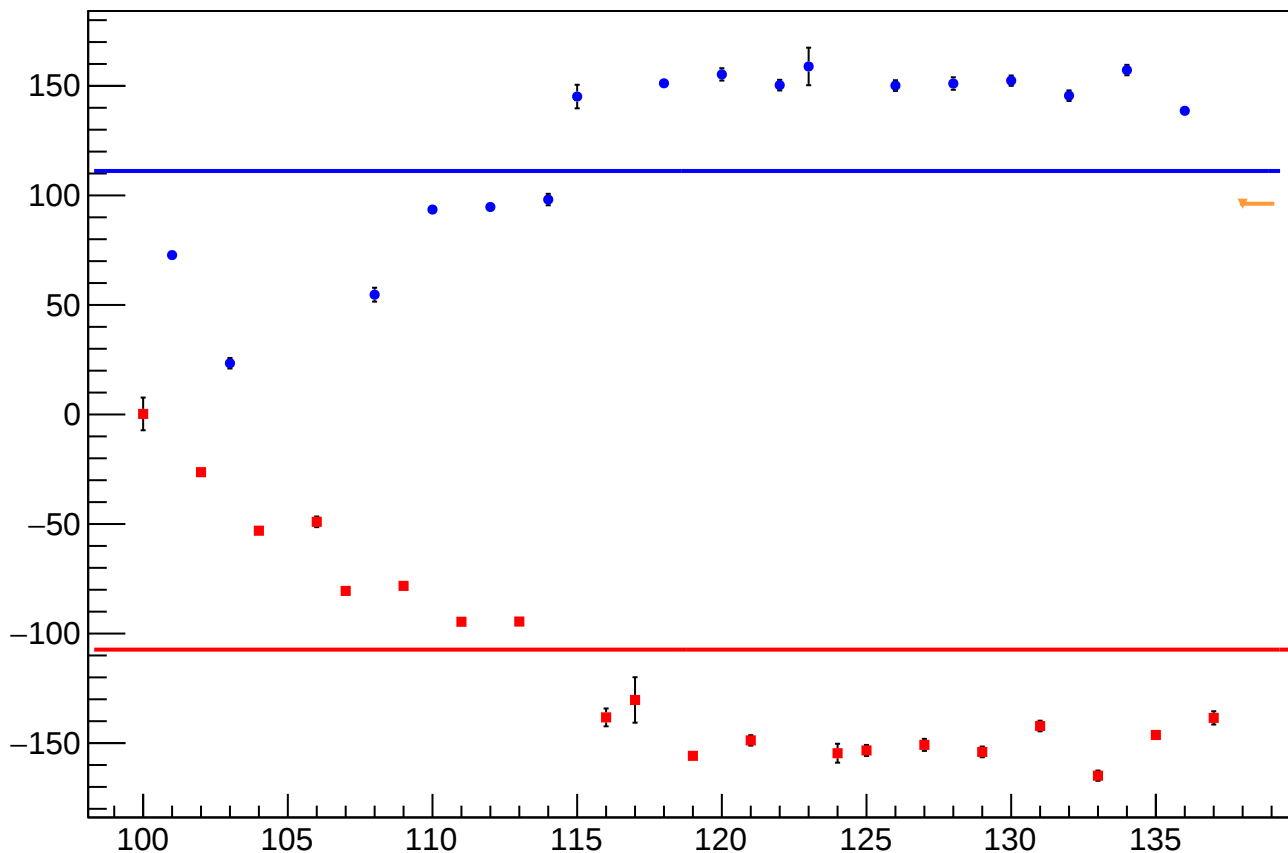
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-58.767+/-0.671 χ^2/NDF : 1710.2/17

-1.949+/-0.485 χ^2/NDF : 18182.6/37

60.593+/-0.704 χ^2/NDF : 1390.7/19

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.160 $\pm$ 0.489 χ^2 /NDF: 5877.6/16

Left Out: 96.209 $\pm$ 1.603 χ^2 /NDF: 0.0/0

Right Out: -107.334 $\pm$ 0.487 χ^2 /NDF: 7060.0/19

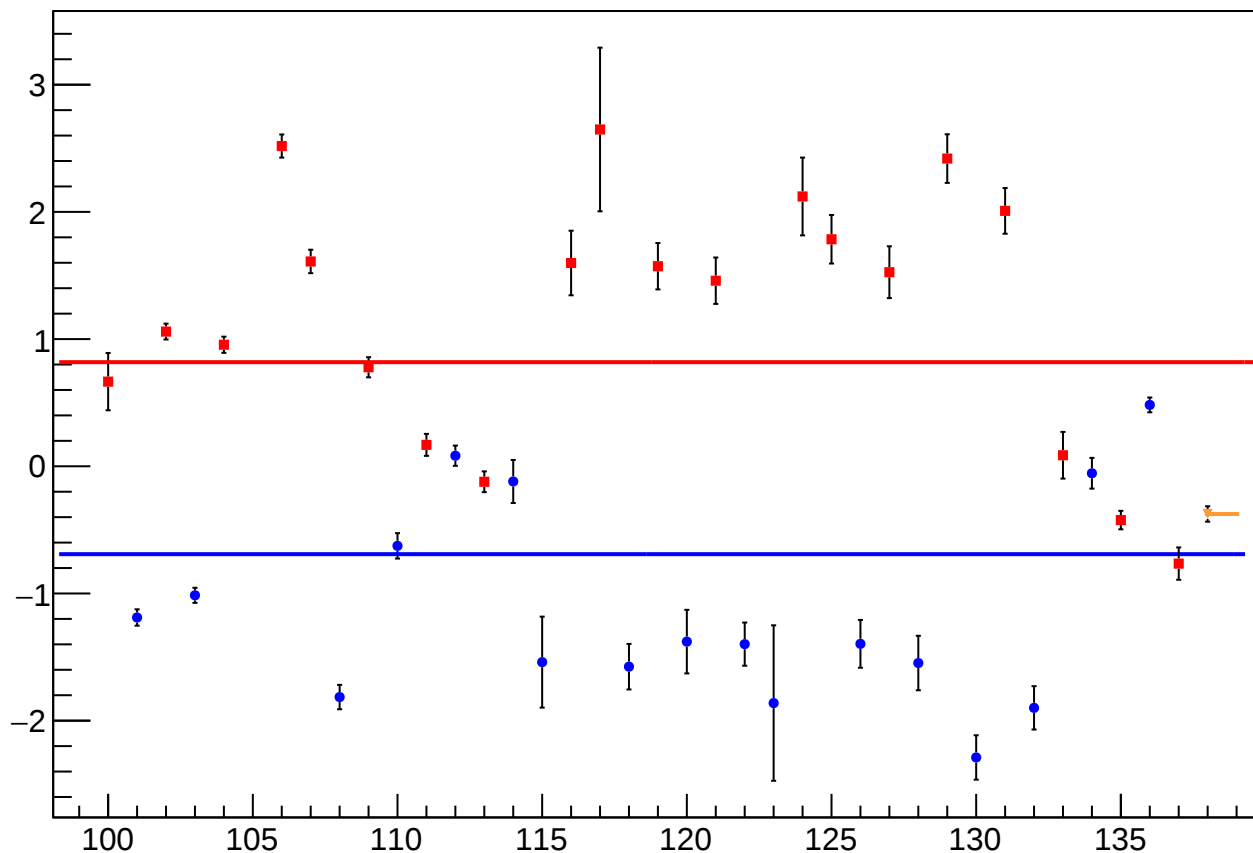
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

109.887 $\pm$ 0.468 χ^2 /NDF: 5957.2/17

5.703 $\pm$ 0.337 χ^2 /NDF: 116481.2/37

-107.334 $\pm$ 0.487 χ^2 /NDF: 7060.0/19

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.691+/-0.026 χ^2 /NDF: 990.9/16

Left Out: -0.375+/-0.061 χ^2 /NDF:0.0/0

Right Out: 0.819+/-0.024 χ^2 /NDF: 1312.5/19

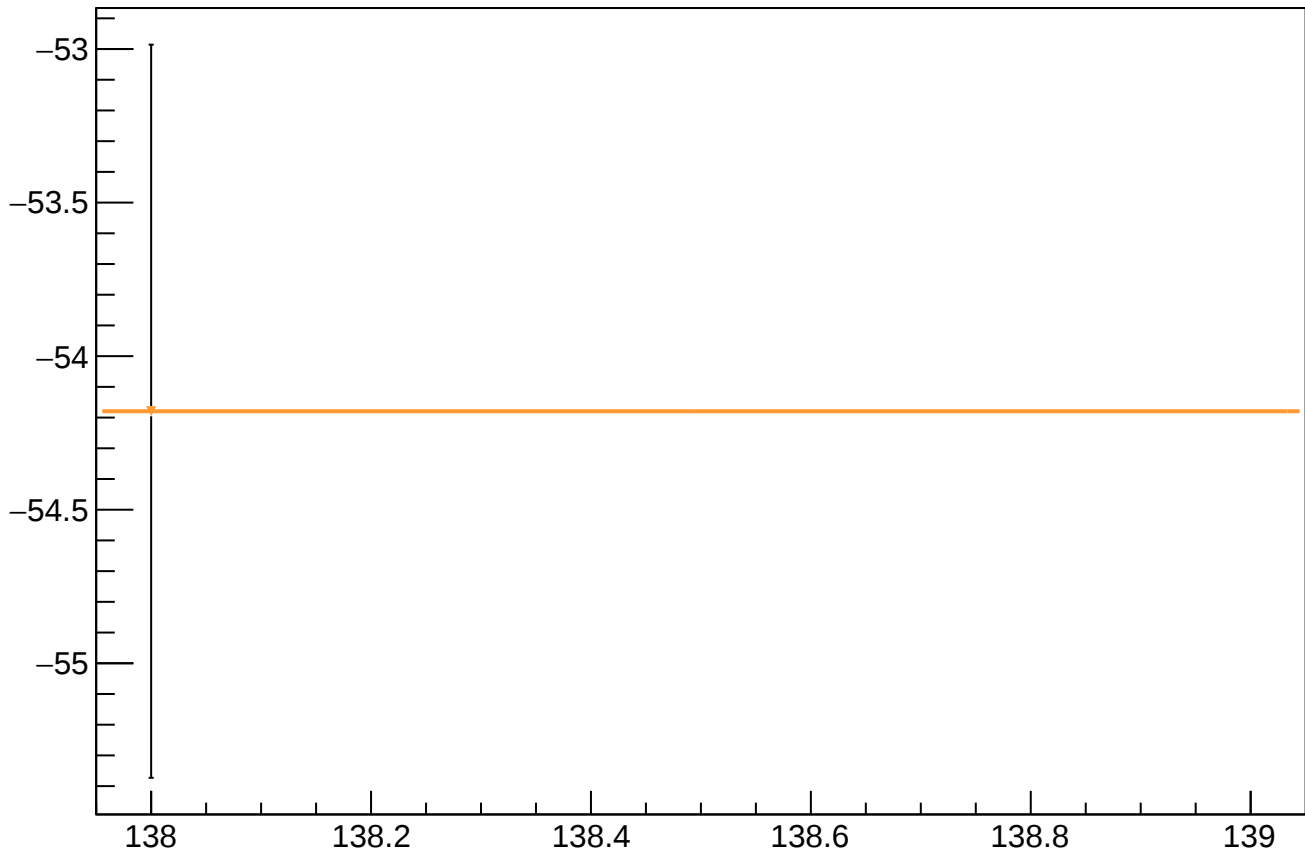
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.642+/-0.024 χ^2 /NDF: 1013.9/17

0.070+/-0.017 χ^2 /NDF: 4171.2/37

0.819+/-0.024 χ^2 /NDF: 1312.5/19

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -54.179+/-1.194 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

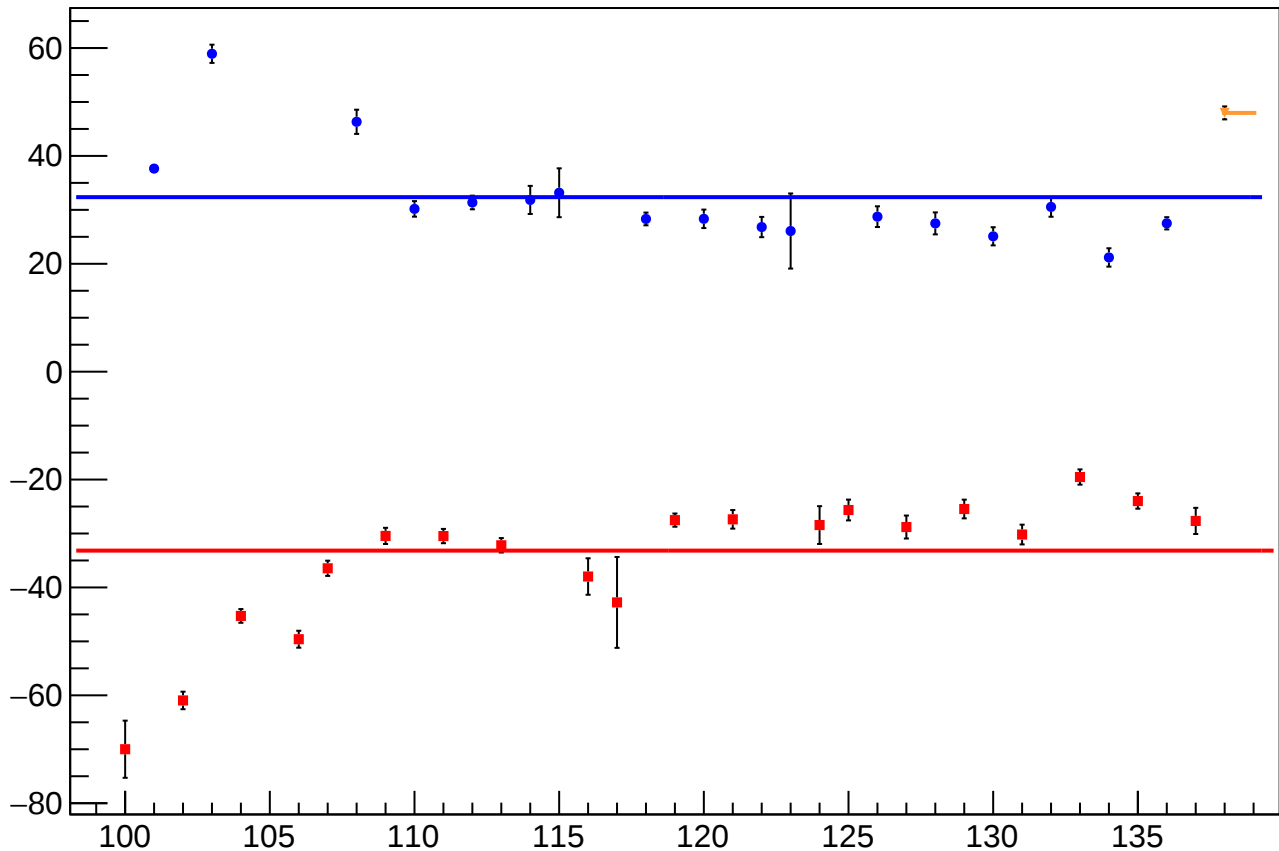
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-54.179+/-1.194 χ^2/NDF : 0.0/0

-54.179+/-1.194 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.355+/-0.375 χ^2 /NDF: 450.5/16

Left Out: 47.974+/-1.204 χ^2 /NDF: 0.0/0

Right Out: -33.172+/-0.378 χ^2 /NDF: 773.3/19

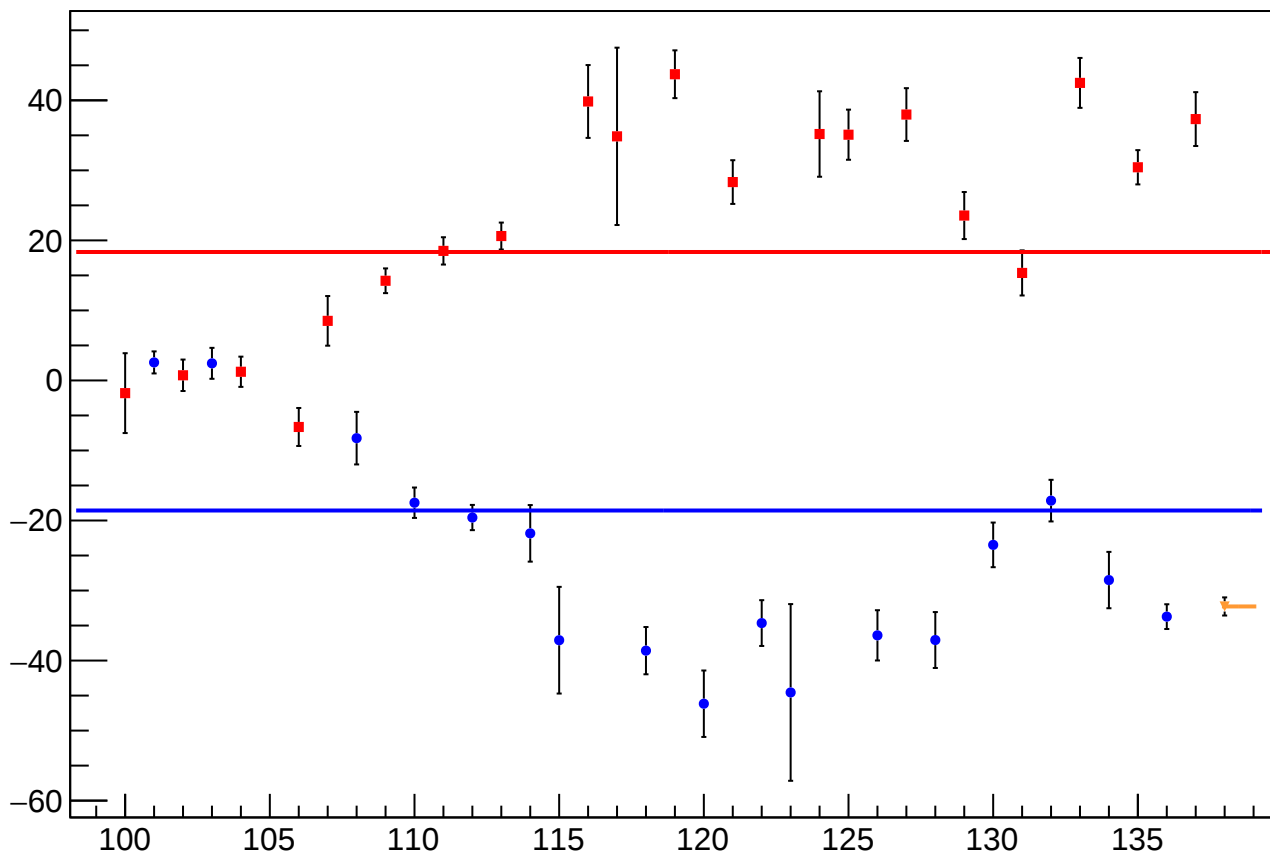
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

33.738+/-0.358 χ^2 /NDF: 603.8/17

2.101+/-0.260 χ^2 /NDF: 17853.4/37

-33.172+/-0.378 χ^2 /NDF: 773.3/19

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.572+/-0.667 χ^2/NDF : 511.5/16

Left Out: -32.273+/-1.294 χ^2/NDF : 0.0/0

Right Out: 18.343+/-0.643 χ^2/NDF : 475.1/19

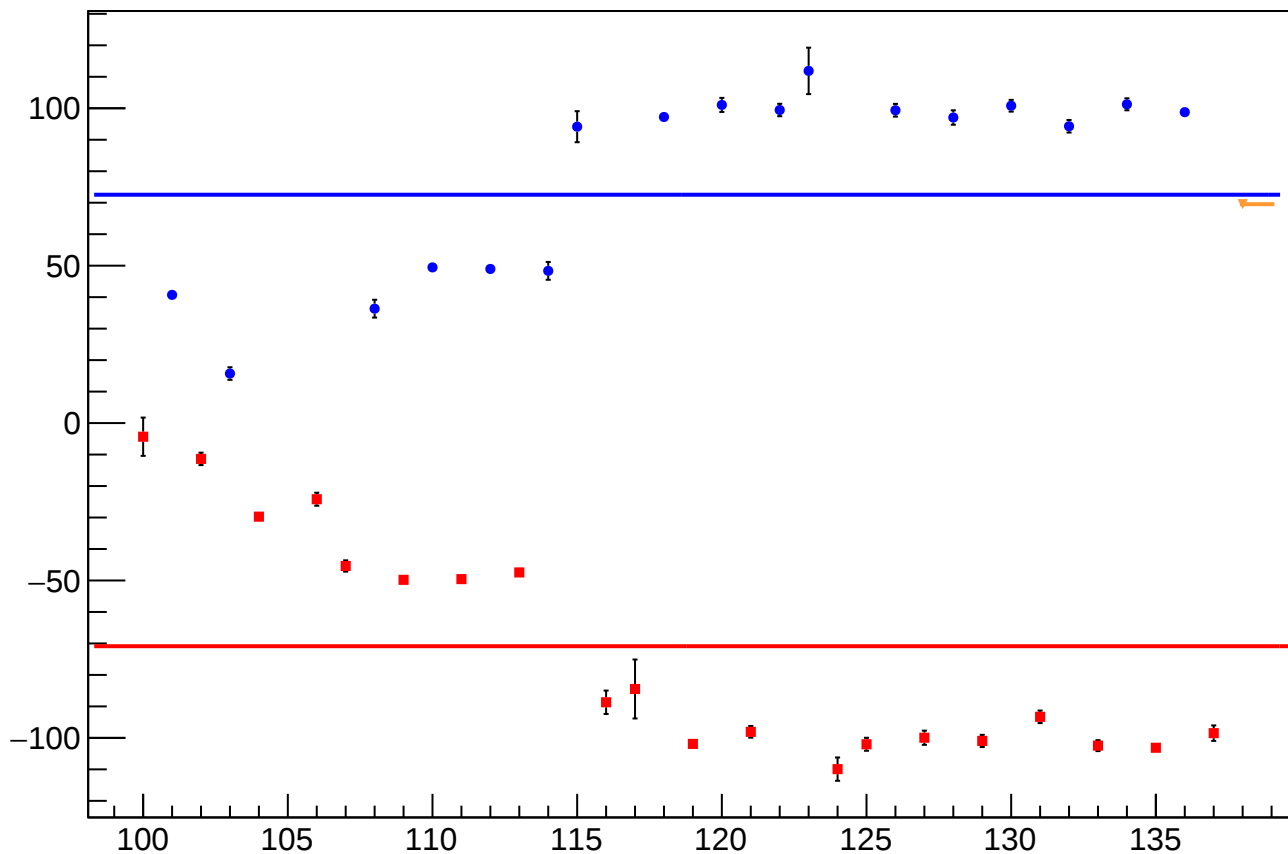
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-21.452+/-0.593 χ^2/NDF : 600.1/17

-3.155+/-0.436 χ^2/NDF : 3144.3/37

18.343+/-0.643 χ^2/NDF : 475.1/19

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.537 $\pm$ 0.428 χ^2 /NDF: 4684.1/16

Left Out: 69.530 $\pm$ 1.376 χ^2 /NDF: 0.0/0

Right Out: -70.878 $\pm$ 0.433 χ^2 /NDF: 5502.3/19

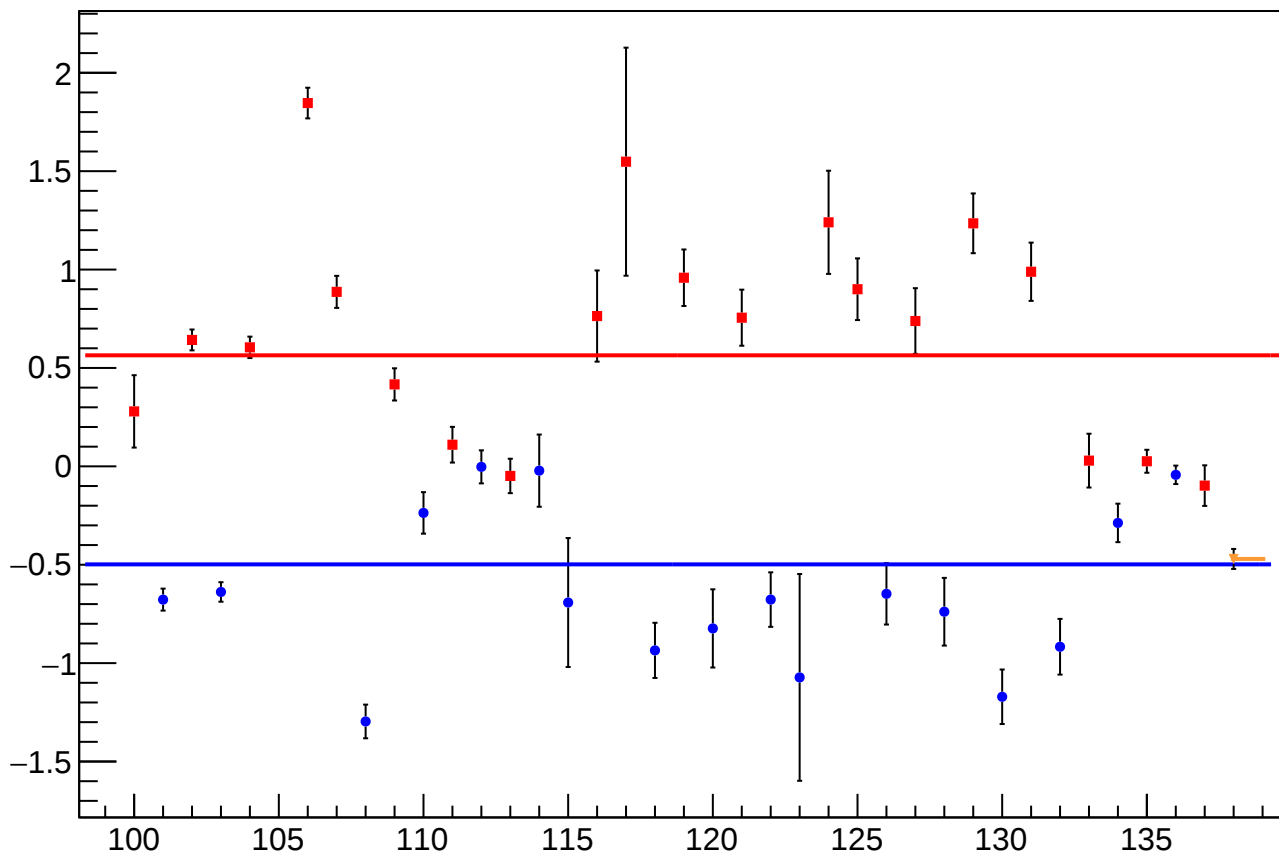
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

72.271 $\pm$ 0.409 χ^2 /NDF: 4688.5/17

4.745 $\pm$ 0.297 χ^2 /NDF: 67991.4/37

-70.878 $\pm$ 0.433 χ^2 /NDF: 5502.3/19

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.498 ± 0.022 χ^2/NDF : 302.8/16

Left Out: -0.471 ± 0.051 χ^2/NDF : 0.0/0

Right Out: 0.564 ± 0.021 χ^2/NDF : 563.6/19

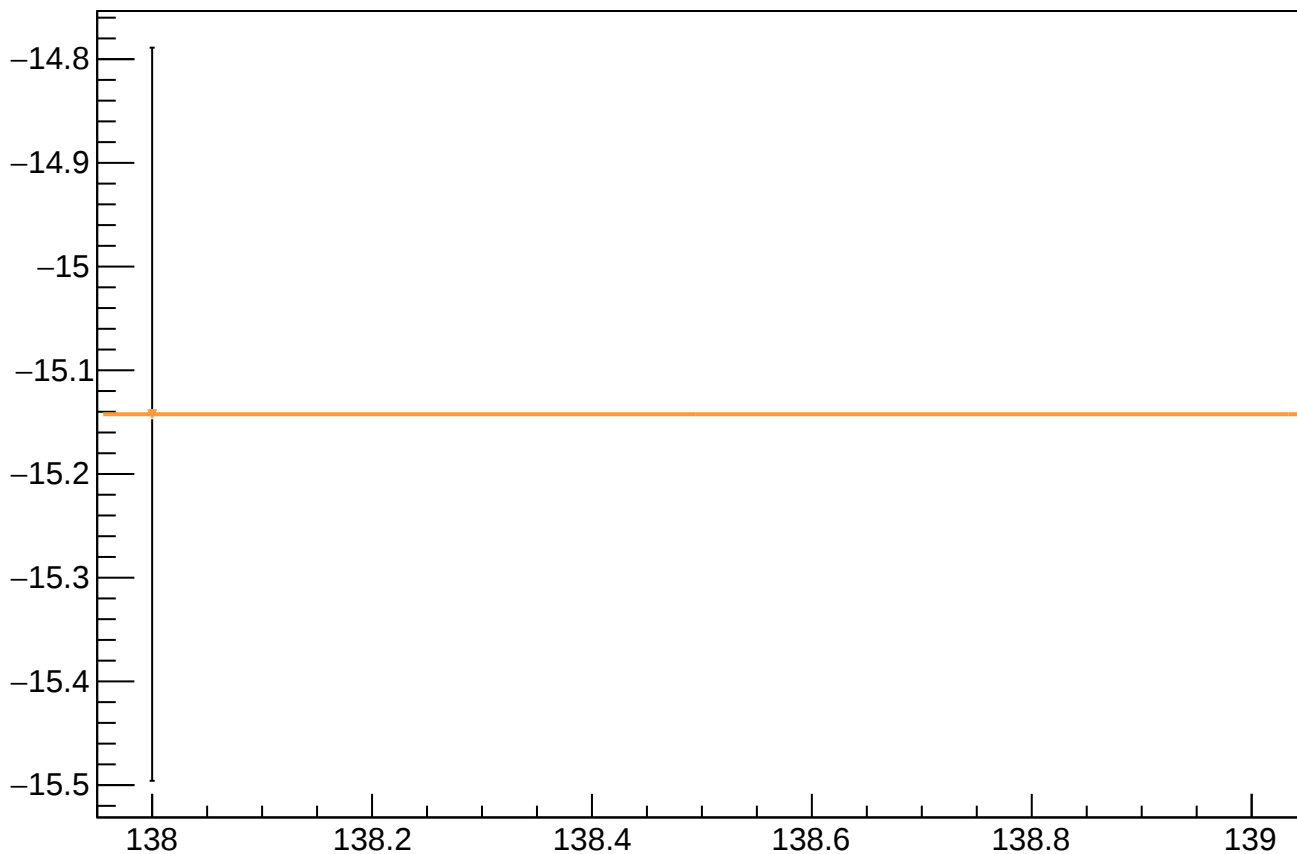
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.494 ± 0.020 χ^2/NDF : 303.0/17

0.011 ± 0.015 χ^2/NDF : 2143.1/37

0.564 ± 0.021 χ^2/NDF : 563.6/19

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -15.142+/-0.353 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

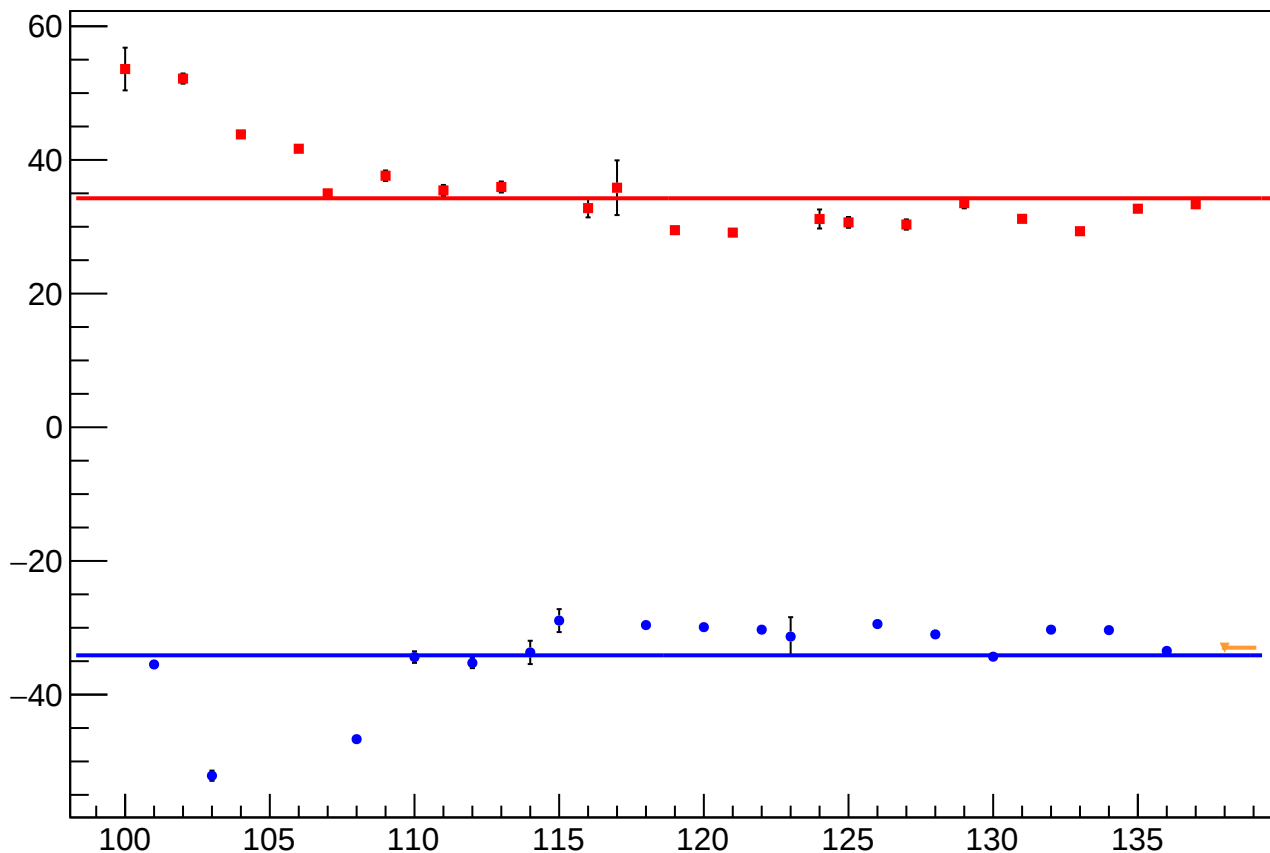
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-15.142+/-0.353 χ^2/NDF : 0.0/0

-15.142+/-0.353 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.122 ± 0.152 $\chi^2/\text{NDF}: 1322.4/16$

Left Out: -32.979 ± 0.364 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 34.262 ± 0.151 $\chi^2/\text{NDF}: 1355.1/19$

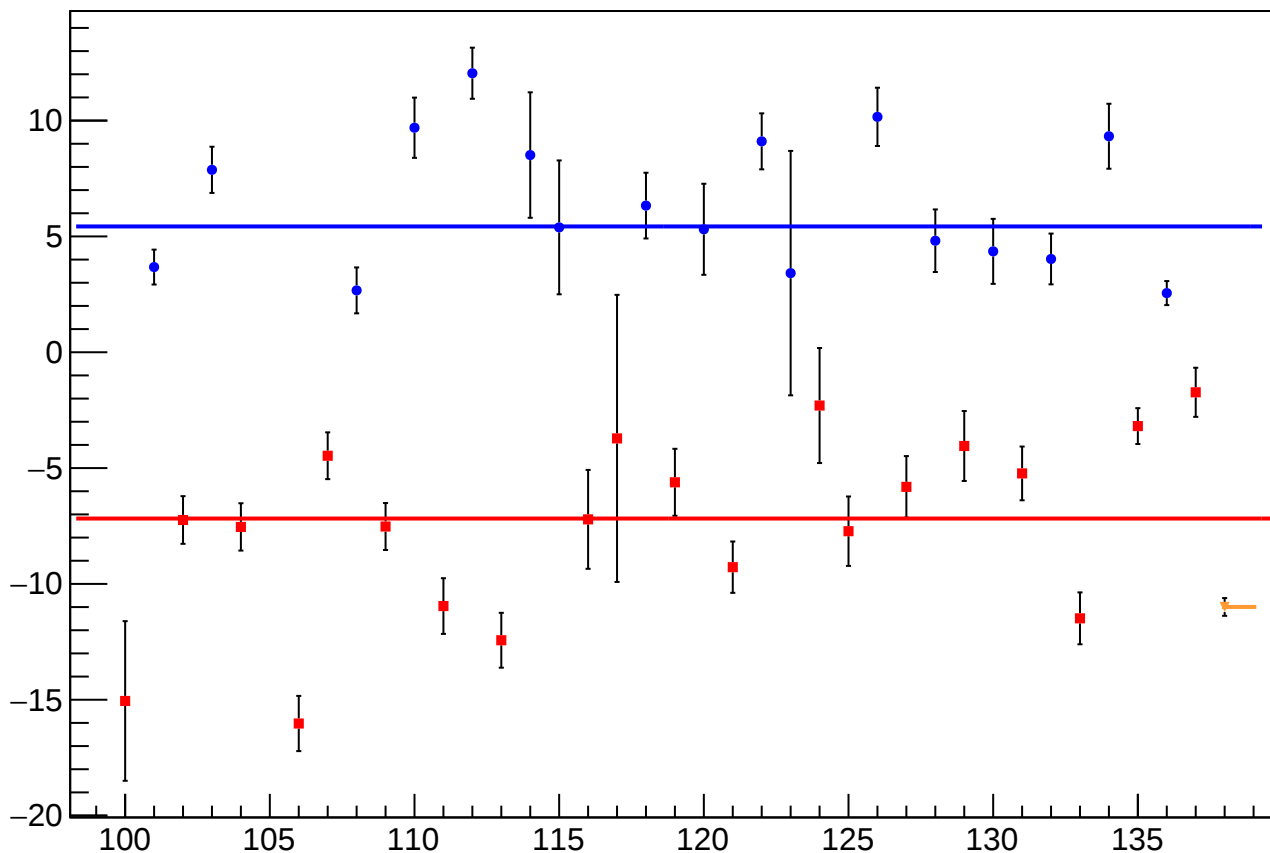
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-33.952 ± 0.140 $\chi^2/\text{NDF}: 1330.8/17$

-2.335 ± 0.103 $\chi^2/\text{NDF}: 112575.8/37$

34.262 ± 0.151 $\chi^2/\text{NDF}: 1355.1/19$

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.431 $\pm$ 0.270 χ^2/NDF : 132.0/16

Left Out: -10.994 $\pm$ 0.383 χ^2/NDF : 0.0/0

Right Out: -7.178 $\pm$ 0.274 χ^2/NDF : 182.4/19

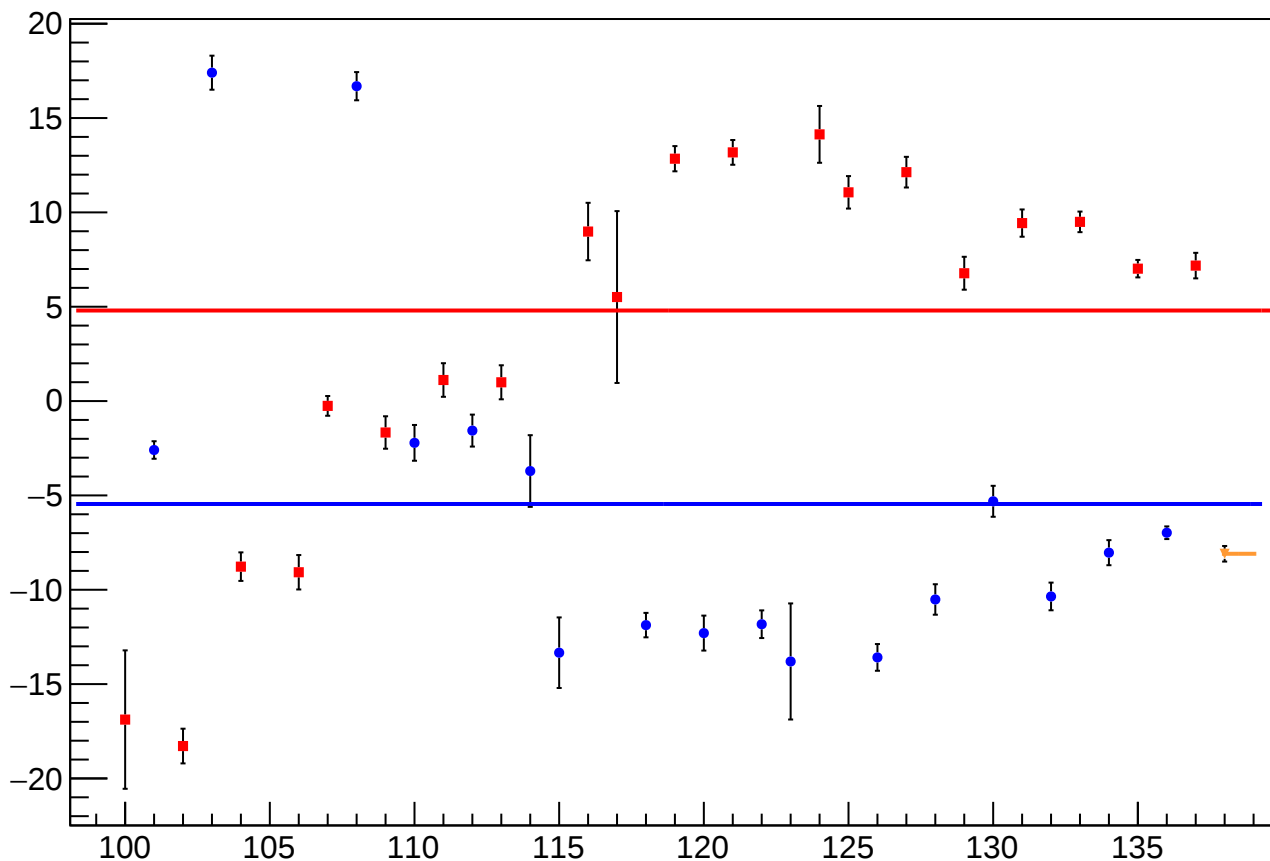
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-0.027 $\pm$ 0.221 χ^2/NDF : 1358.1/17

-2.842 $\pm$ 0.172 χ^2/NDF : 1952.9/37

-7.178 $\pm$ 0.274 χ^2/NDF : 182.4/19

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.455+/-0.171 χ^2/NDF : 2096.5/16

Left Out: -8.093+/-0.413 χ^2/NDF : 0.0/0

Right Out: 4.799+/-0.173 χ^2/NDF : 2047.5/19

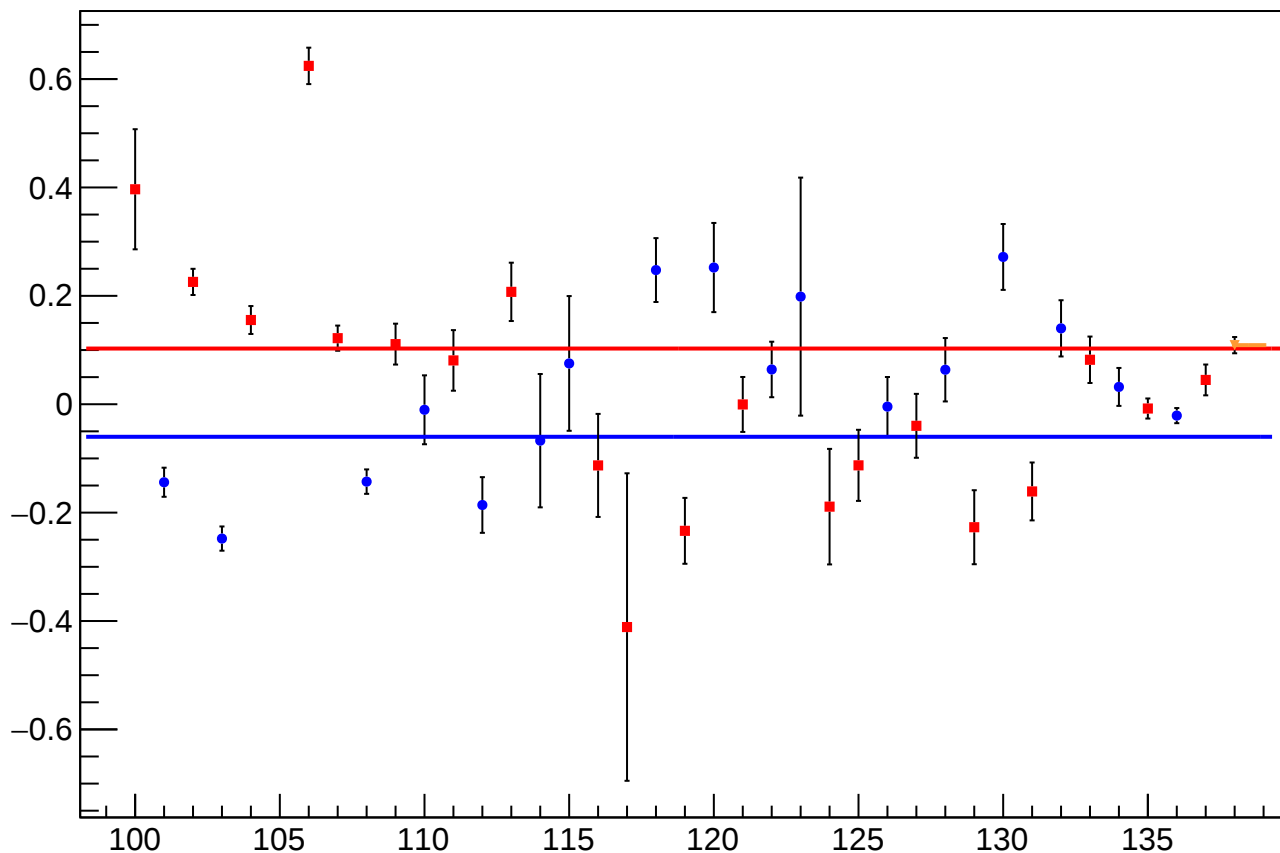
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.840+/-0.158 χ^2/NDF : 2131.3/17

-0.999+/-0.117 χ^2/NDF : 6245.3/37

4.799+/-0.173 χ^2/NDF : 2047.5/19

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.060 ± 0.008 χ^2/NDF : 215.5/16

Left Out: 0.109 ± 0.015 χ^2/NDF : 0.0/0

Right Out: 0.103 ± 0.008 χ^2/NDF : 437.6/19

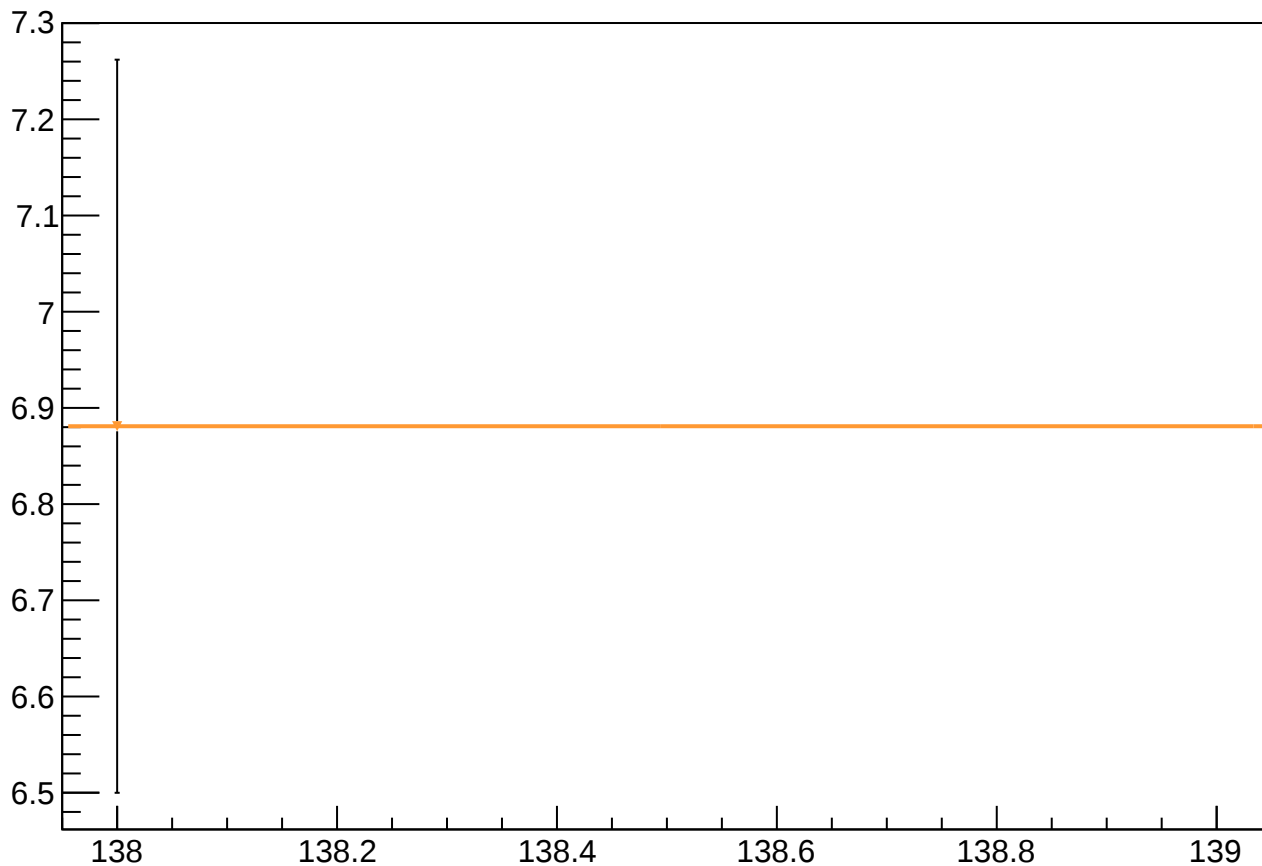
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.020 ± 0.007 χ^2/NDF : 312.2/17

0.033 ± 0.006 χ^2/NDF : 869.8/37

0.103 ± 0.008 χ^2/NDF : 437.6/19

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 6.881+/-0.381 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

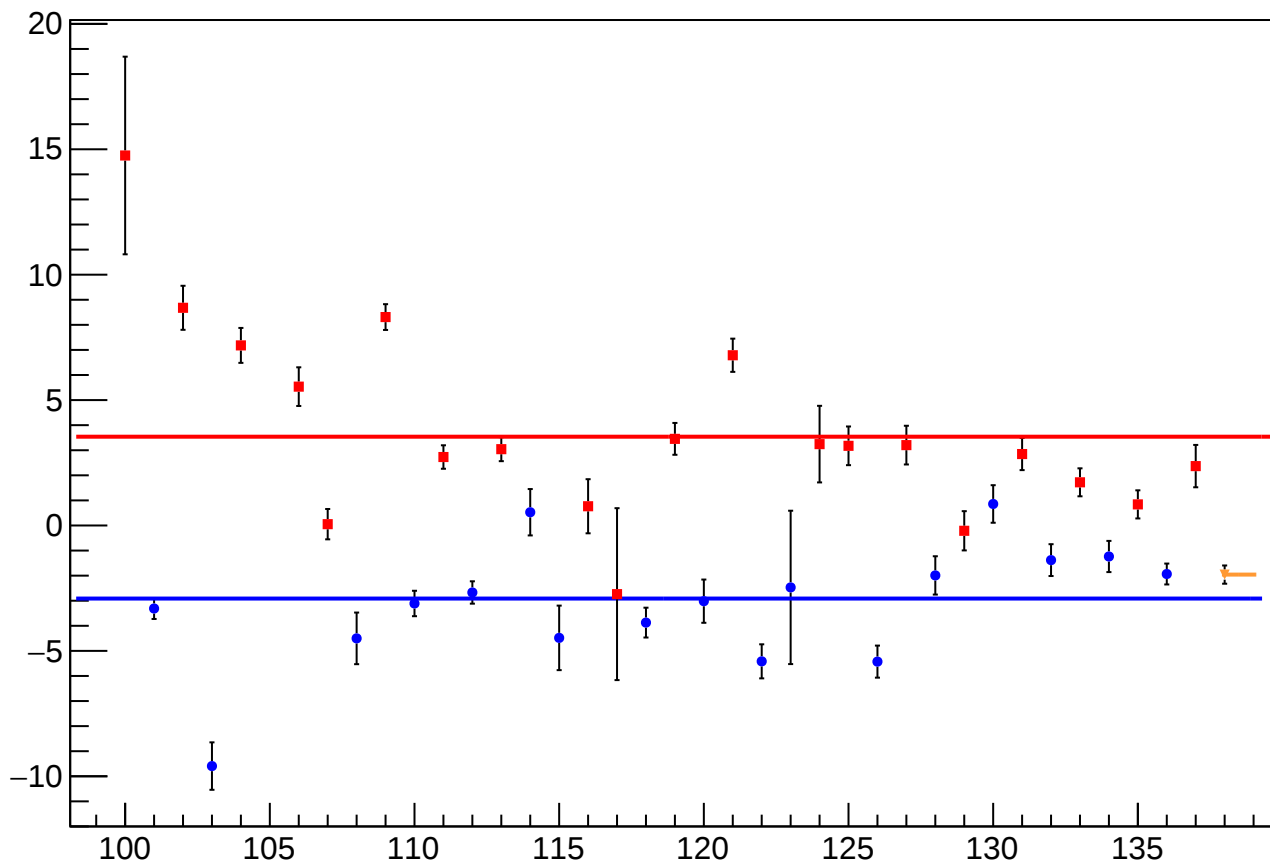
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.881+/-0.381 χ^2/NDF : 0.0/0

6.881+/-0.381 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.914 ± 0.155 χ^2/NDF : 146.1/16

Left Out: -1.958 ± 0.363 χ^2/NDF : 0.0/0

Right Out: 3.540 ± 0.154 χ^2/NDF : 294.2/19

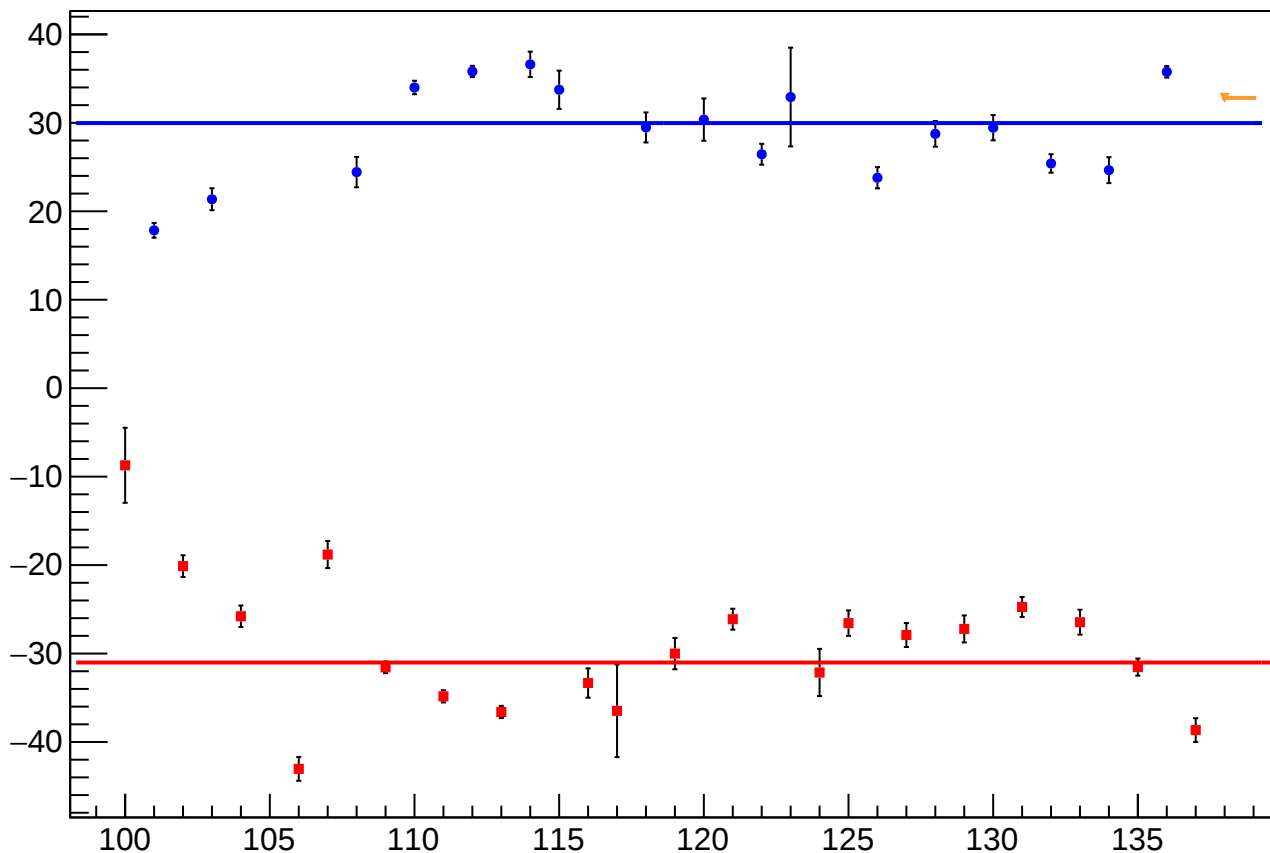
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2.767 ± 0.142 χ^2/NDF : 151.9/17

0.132 ± 0.105 χ^2/NDF : 1347.4/37

3.540 ± 0.154 χ^2/NDF : 294.2/19

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.972 $\pm$ 0.267 χ^2 /NDF: 554.3/16

Left Out: 32.812 $\pm$ 0.413 χ^2 /NDF: 0.0/0

Right Out: -31.013 $\pm$ 0.260 χ^2 /NDF: 480.6/19

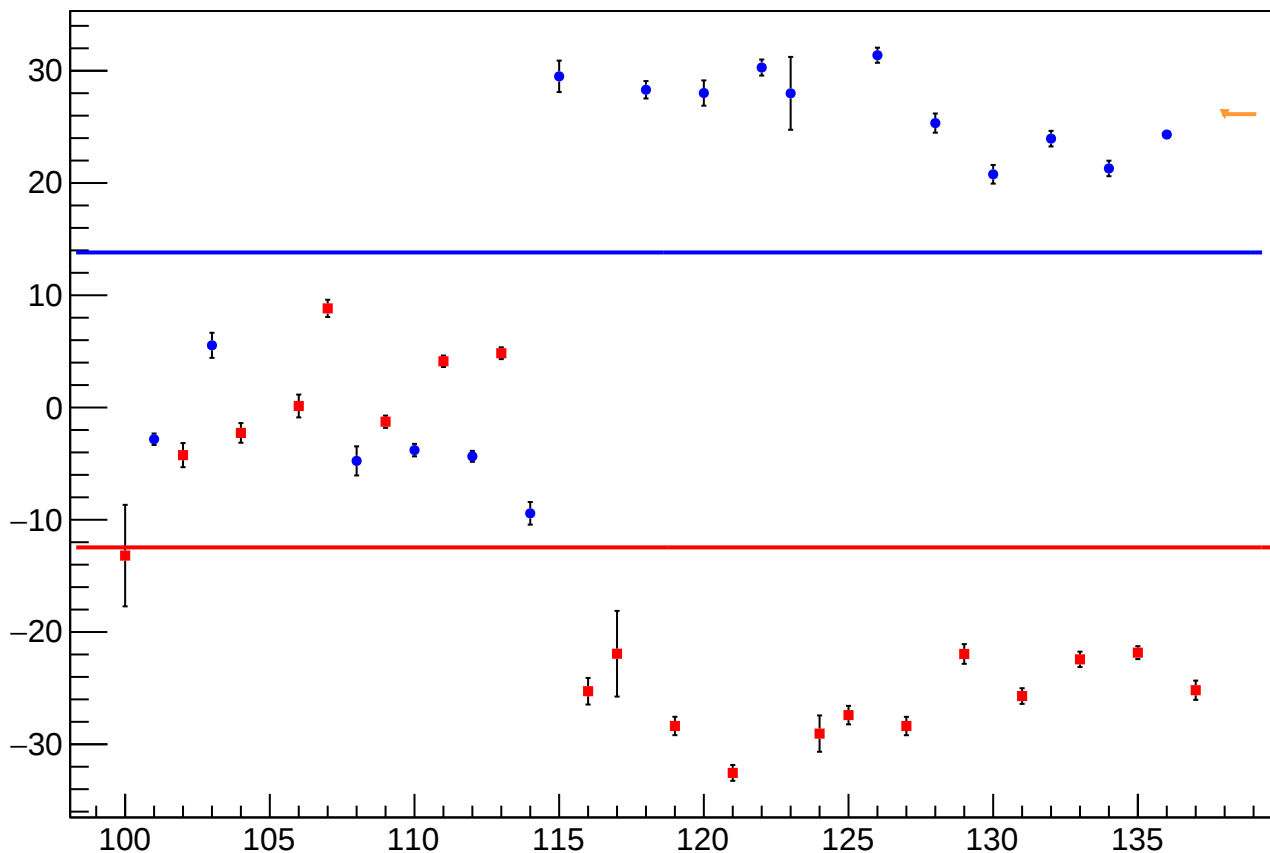
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

30.811 $\pm$ 0.224 χ^2 /NDF: 587.7/17

4.395 $\pm$ 0.170 χ^2 /NDF: 33506.9/37

-31.013 $\pm$ 0.260 χ^2 /NDF: 480.6/19

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.813 ± 0.173 χ^2/NDF : 7318.6/16

Left Out: 26.135 ± 0.421 χ^2/NDF : 0.0/0

Right Out: -12.460 ± 0.174 χ^2/NDF : 6976.5/19

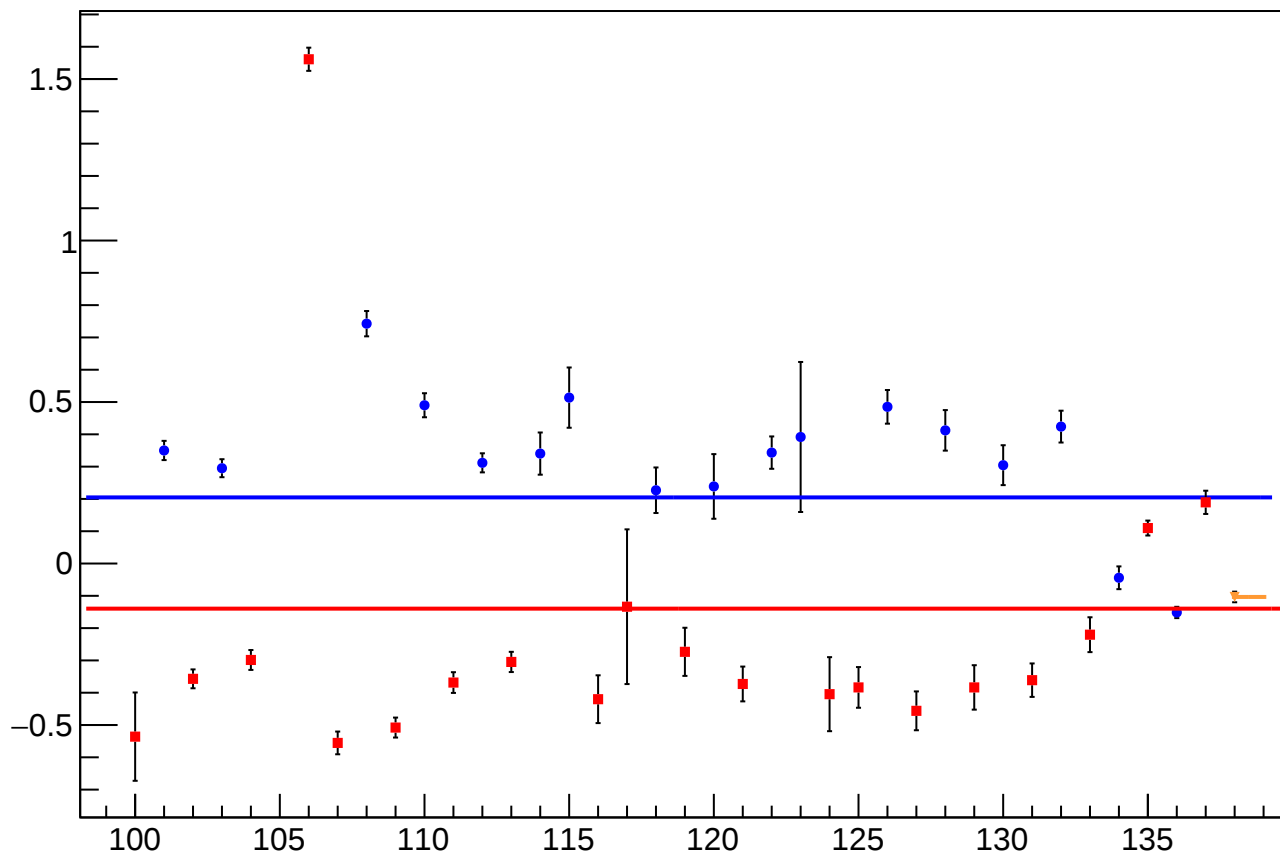
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

15.586 ± 0.160 χ^2/NDF : 8051.3/17

2.720 ± 0.118 χ^2/NDF : 29163.9/37

-12.460 ± 0.174 χ^2/NDF : 6976.5/19

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.009 χ^2 /NDF: 845.8/16

Left Out: -0.103 $\pm$ 0.016 χ^2 /NDF: 0.0/0

Right Out: -0.140 $\pm$ 0.009 χ^2 /NDF: 3014.2/19

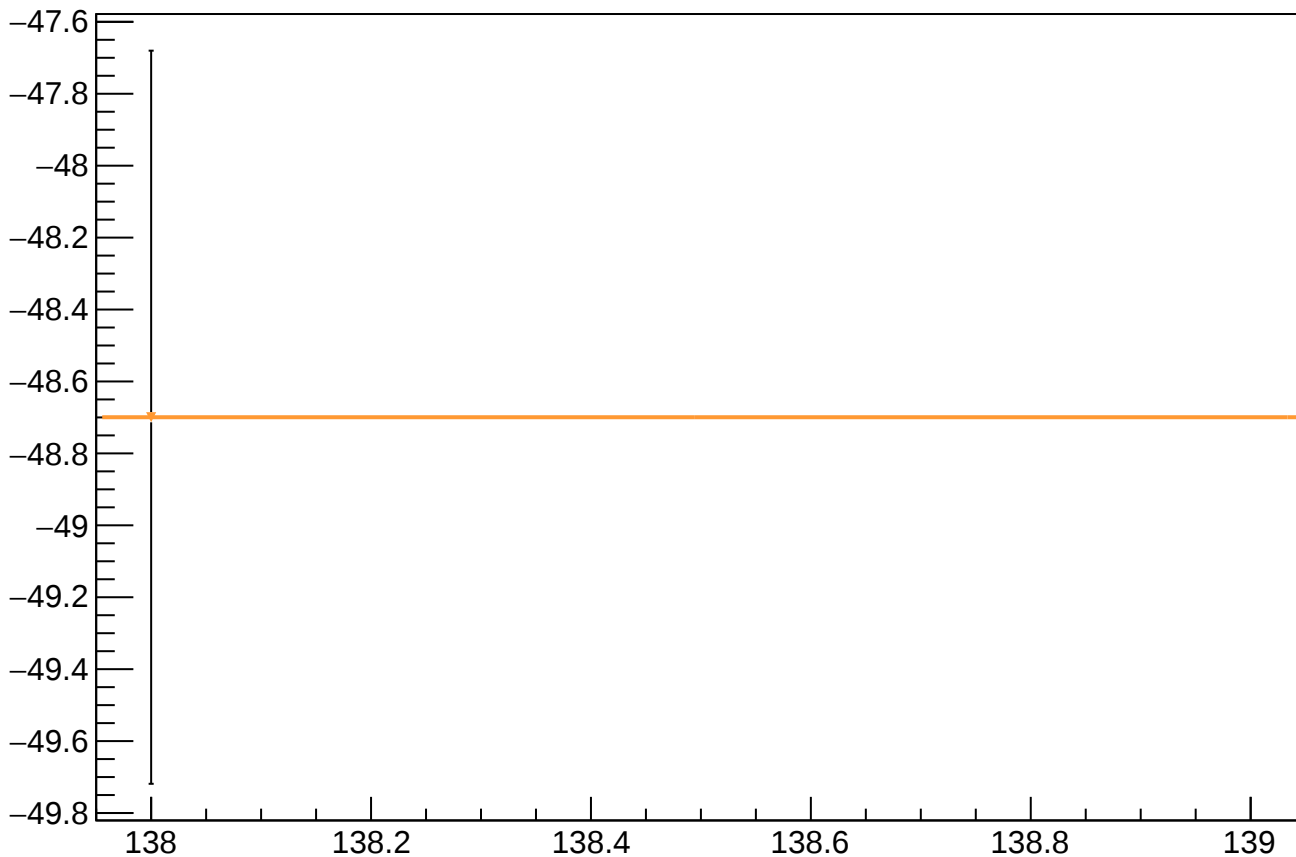
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.129 $\pm$ 0.008 χ^2 /NDF: 1110.9/17

0.011 $\pm$ 0.006 χ^2 /NDF: 4603.5/37

-0.140 $\pm$ 0.009 χ^2 /NDF: 3014.2/19

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -48.699+/-1.019 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

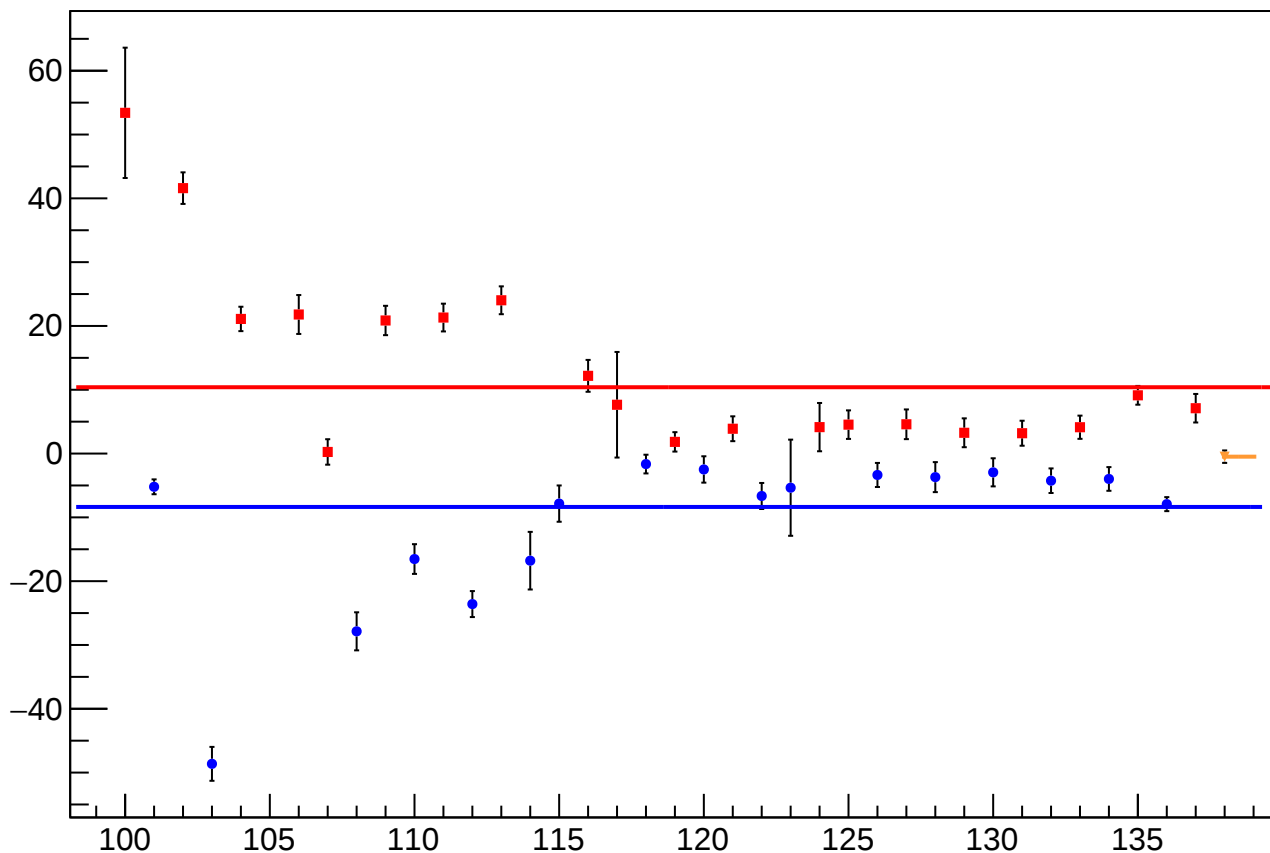
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-48.699+/-1.019 χ^2/NDF : 0.0/0

-48.699+/-1.019 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.367+/-0.466 χ^2 /NDF: 408.8/16

Left Out: -0.487+/-0.977 χ^2 /NDF:0.0/0

Right Out: 10.396+/-0.490 χ^2 /NDF: 430.4/19

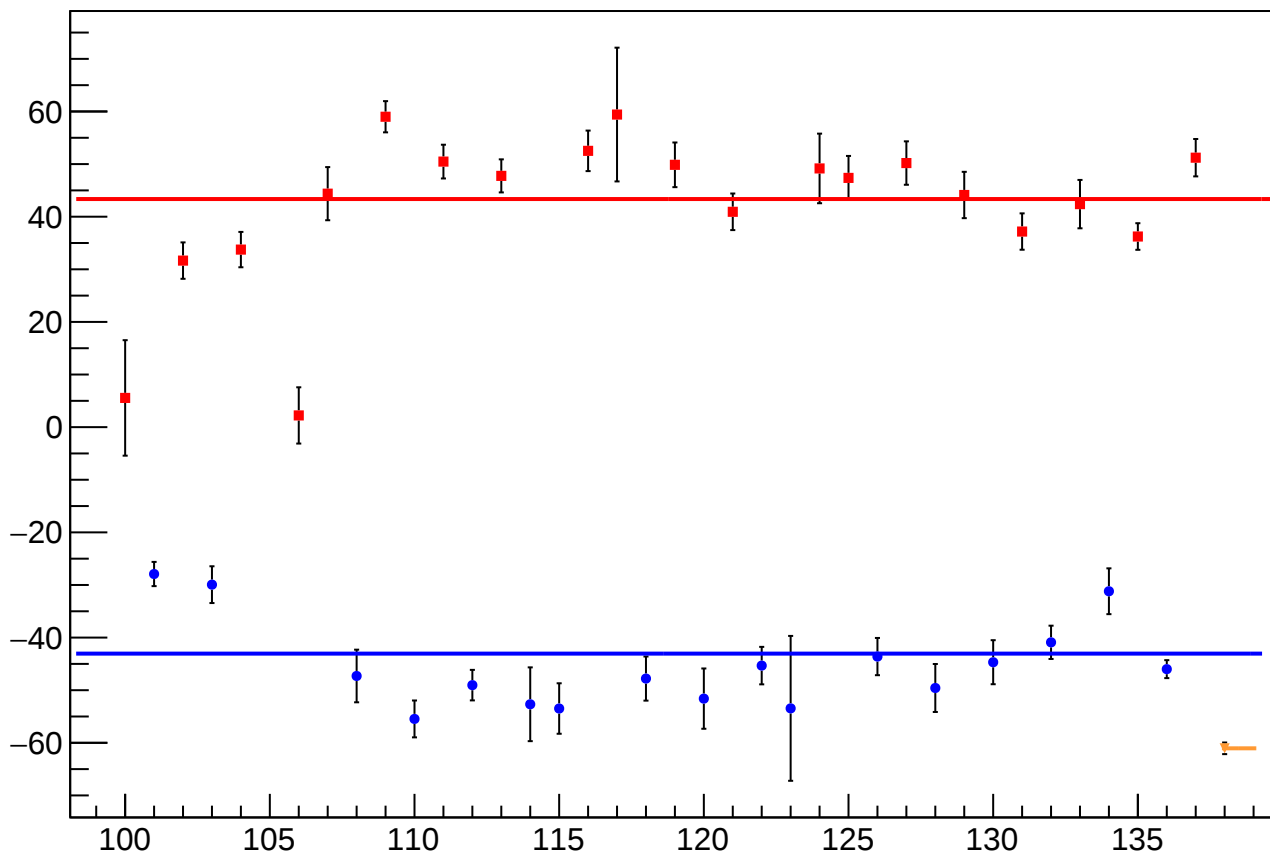
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-6.906+/-0.421 χ^2 /NDF: 461.8/17

0.430+/-0.319 χ^2 /NDF: 1609.8/37

10.396+/-0.490 χ^2 /NDF: 430.4/19

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.047 ± 0.837 $\chi^2/\text{NDF}: 99.0/16$

Left Out: -61.048 ± 1.105 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 43.357 ± 0.865 $\chi^2/\text{NDF}: 156.0/19$

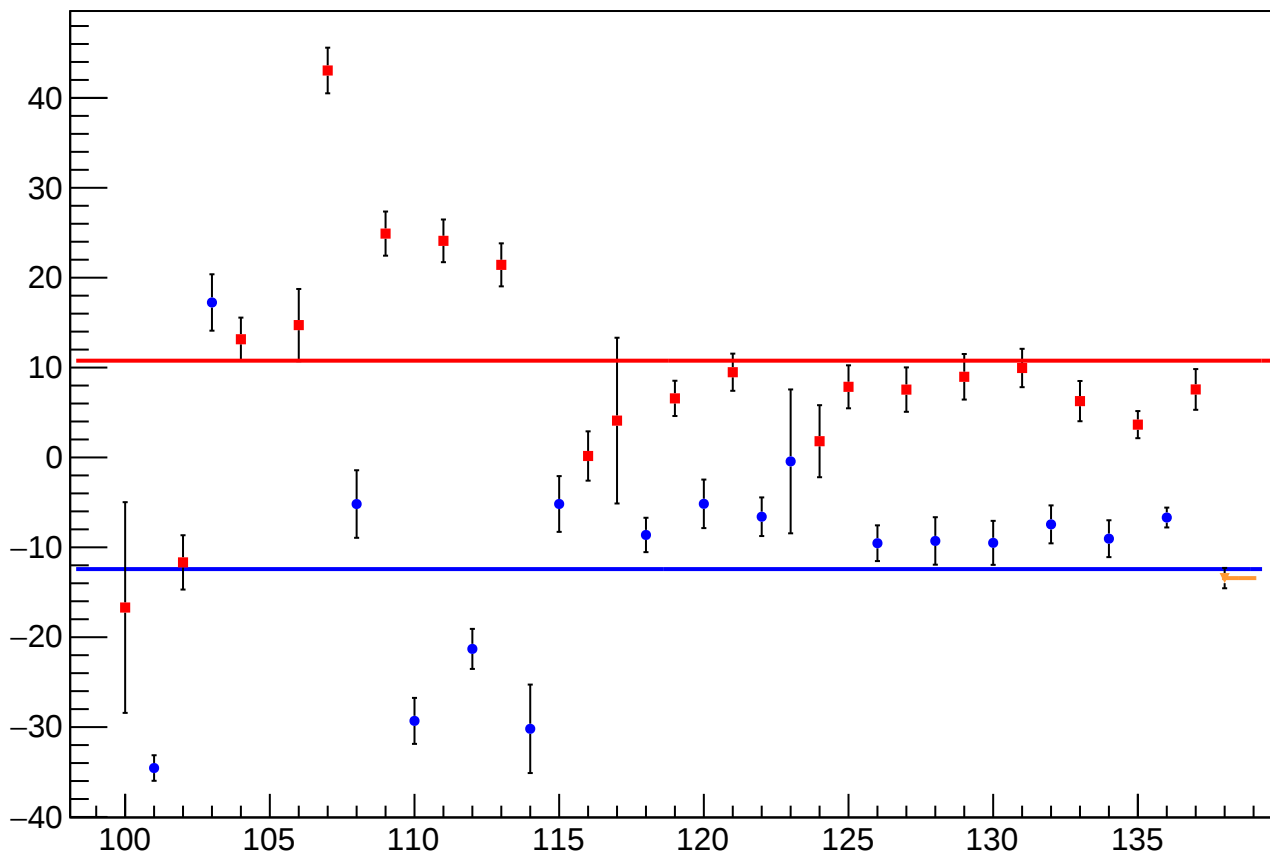
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-49.616 ± 0.667 $\chi^2/\text{NDF}: 267.7/17$

-14.941 ± 0.528 $\chi^2/\text{NDF}: 7664.8/37$

43.357 ± 0.865 $\chi^2/\text{NDF}: 156.0/19$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.421 $\pm$ 0.523 χ^2 /NDF: 474.4/16

Left Out: -13.424 $\pm$ 1.132 χ^2 /NDF: 0.0/0

Right Out: 10.766 $\pm$ 0.553 χ^2 /NDF: 366.3/19

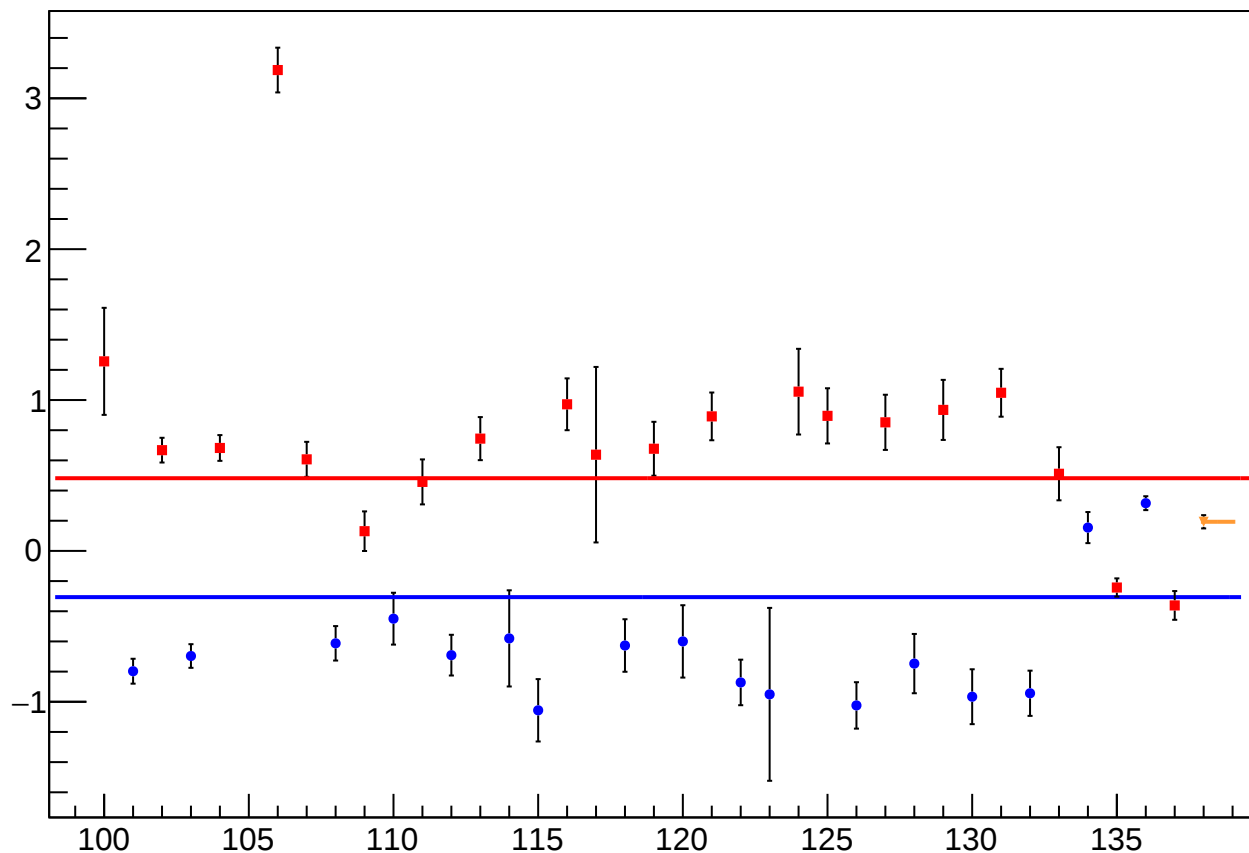
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-12.598 $\pm$ 0.475 χ^2 /NDF: 475.0/17

-2.680 $\pm$ 0.360 χ^2 /NDF: 1869.4/37

10.766 $\pm$ 0.553 χ^2 /NDF: 366.3/19

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.306 ± 0.028 χ^2/NDF : 371.7/16

Left Out: 0.193 ± 0.044 χ^2/NDF : 0.0/0

Right Out: 0.482 ± 0.029 χ^2/NDF : 628.3/19

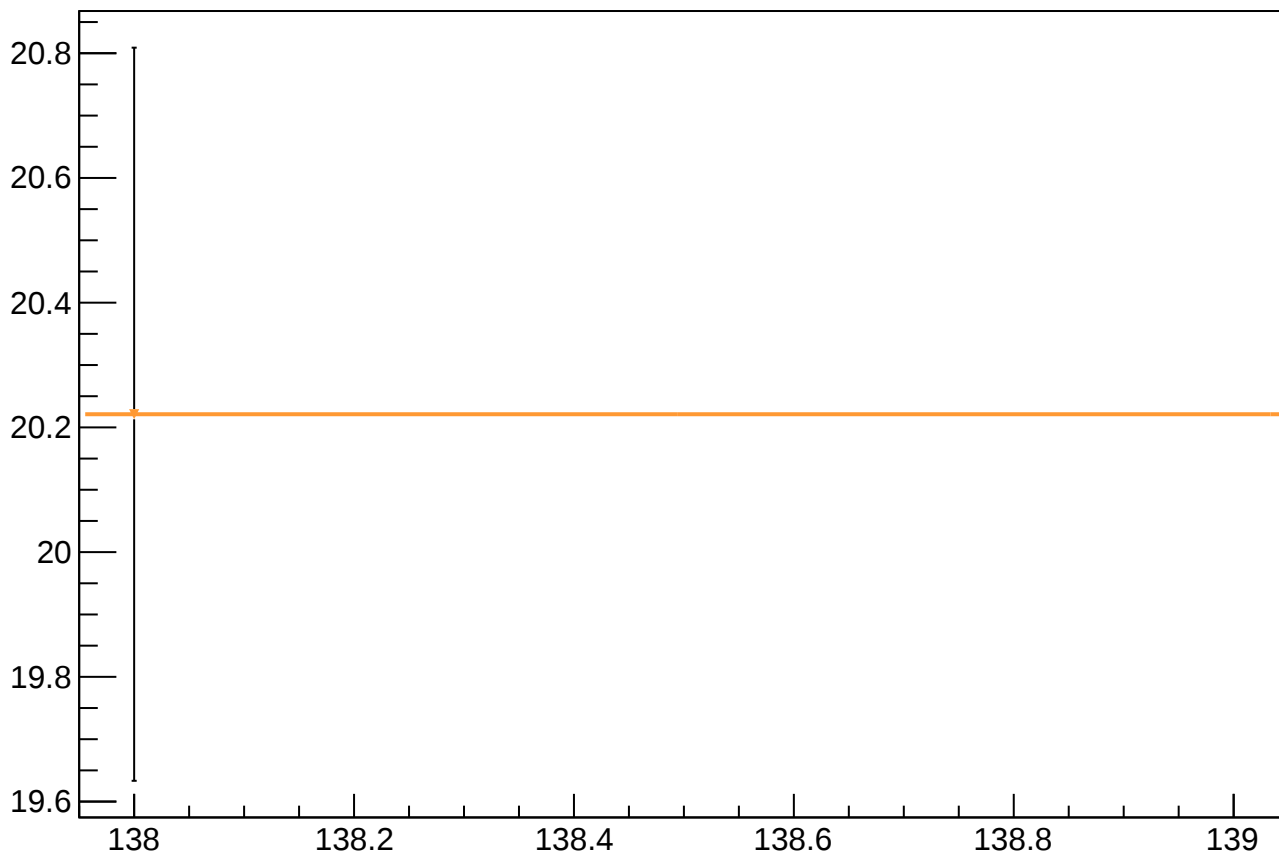
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.166 ± 0.023 χ^2/NDF : 464.2/17

0.094 ± 0.018 χ^2/NDF : 1400.4/37

0.482 ± 0.029 χ^2/NDF : 628.3/19

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 20.221+/-0.588 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

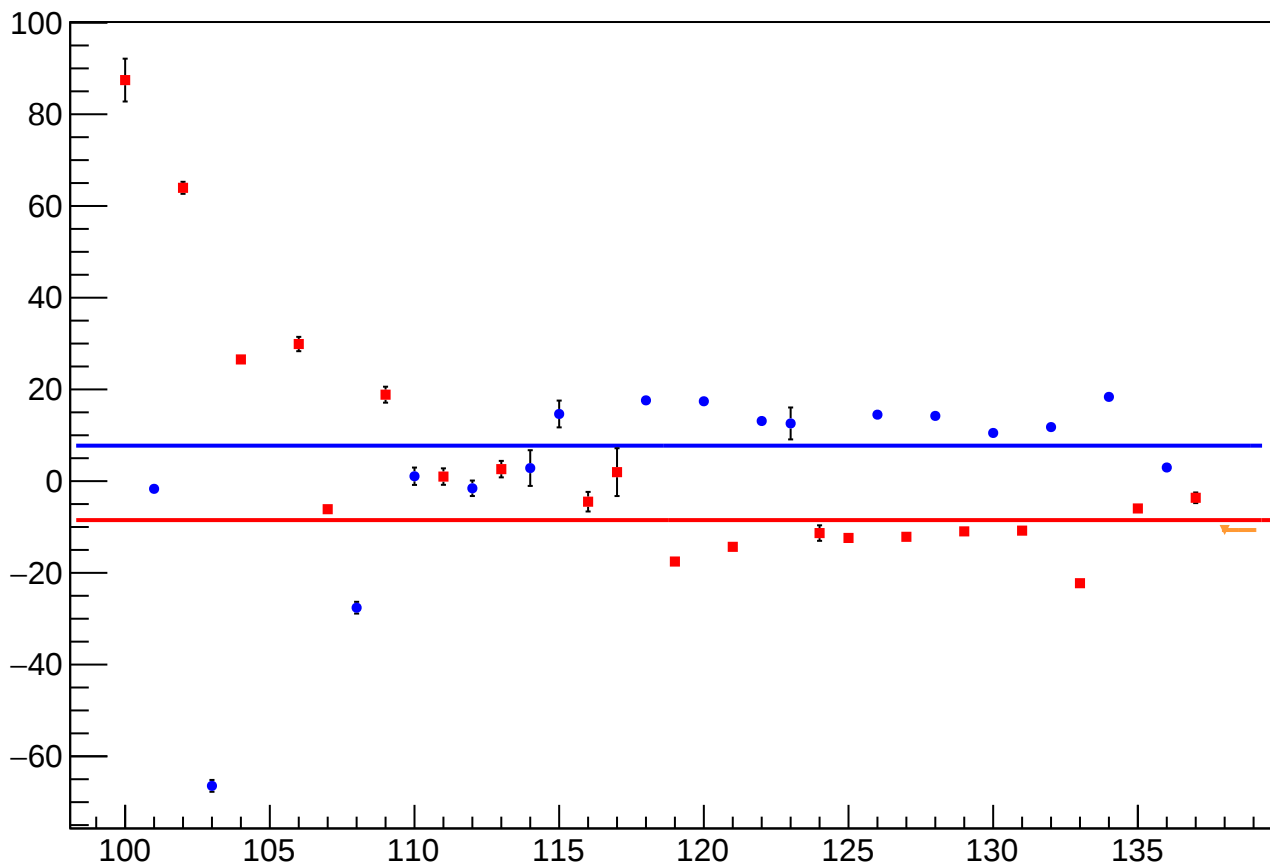
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

20.221+/-0.588 χ^2/NDF : 0.0/0

20.221+/-0.588 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.737 $\pm$ 0.218 χ^2 /NDF: 5300.6/16

Left Out: -10.659 $\pm$ 0.597 χ^2 /NDF: 0.0/0

Right Out: -8.496 $\pm$ 0.213 χ^2 /NDF: 6723.5/19

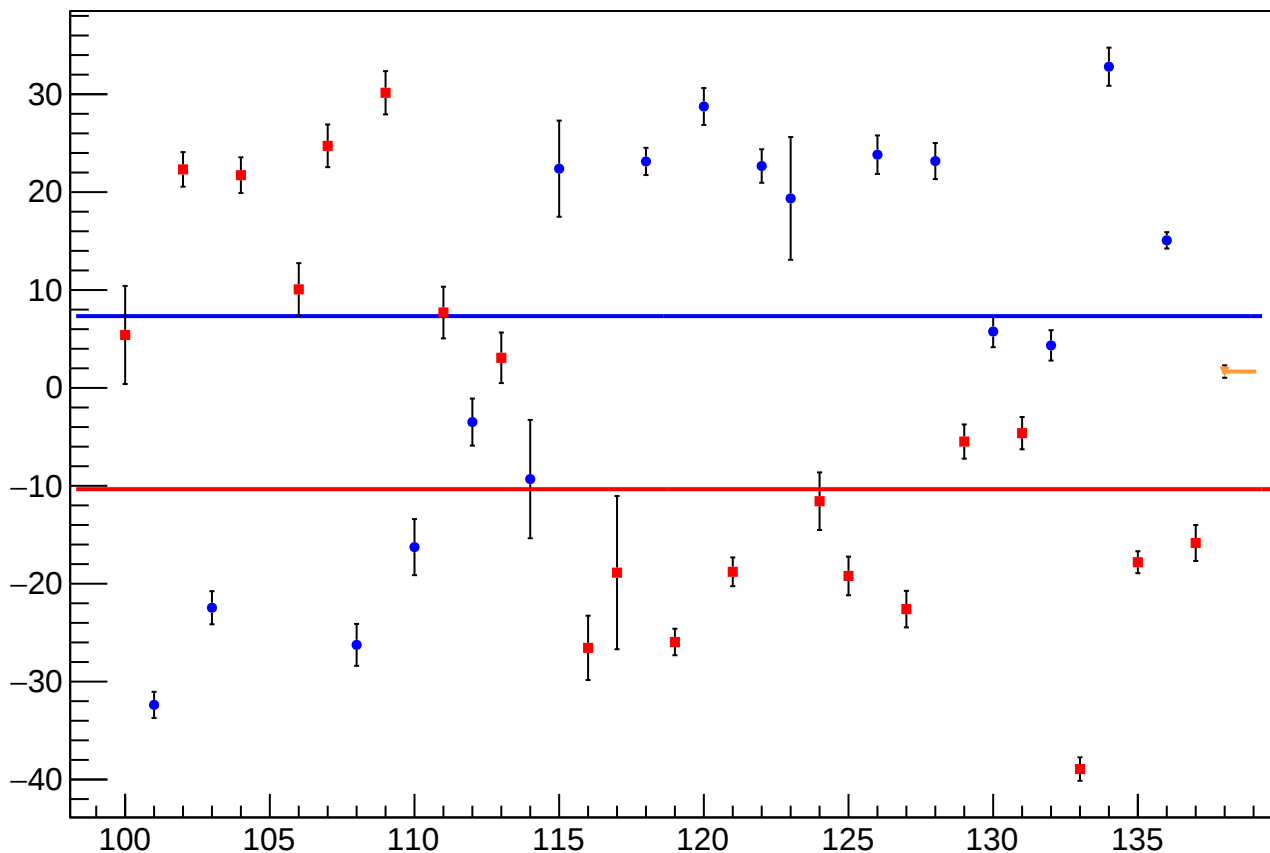
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

5.571 $\pm$ 0.205 χ^2 /NDF: 6138.3/17

-1.186 $\pm$ 0.148 χ^2 /NDF: 15127.3/37

-8.496 $\pm$ 0.213 χ^2 /NDF: 6723.5/19

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.333 $\pm$ 0.419 χ^2 /NDF: 2293.1/16

Left Out: 1.670 $\pm$ 0.637 χ^2 /NDF: 0.0/0

Right Out: -10.342 $\pm$ 0.416 χ^2 /NDF: 2282.7/19

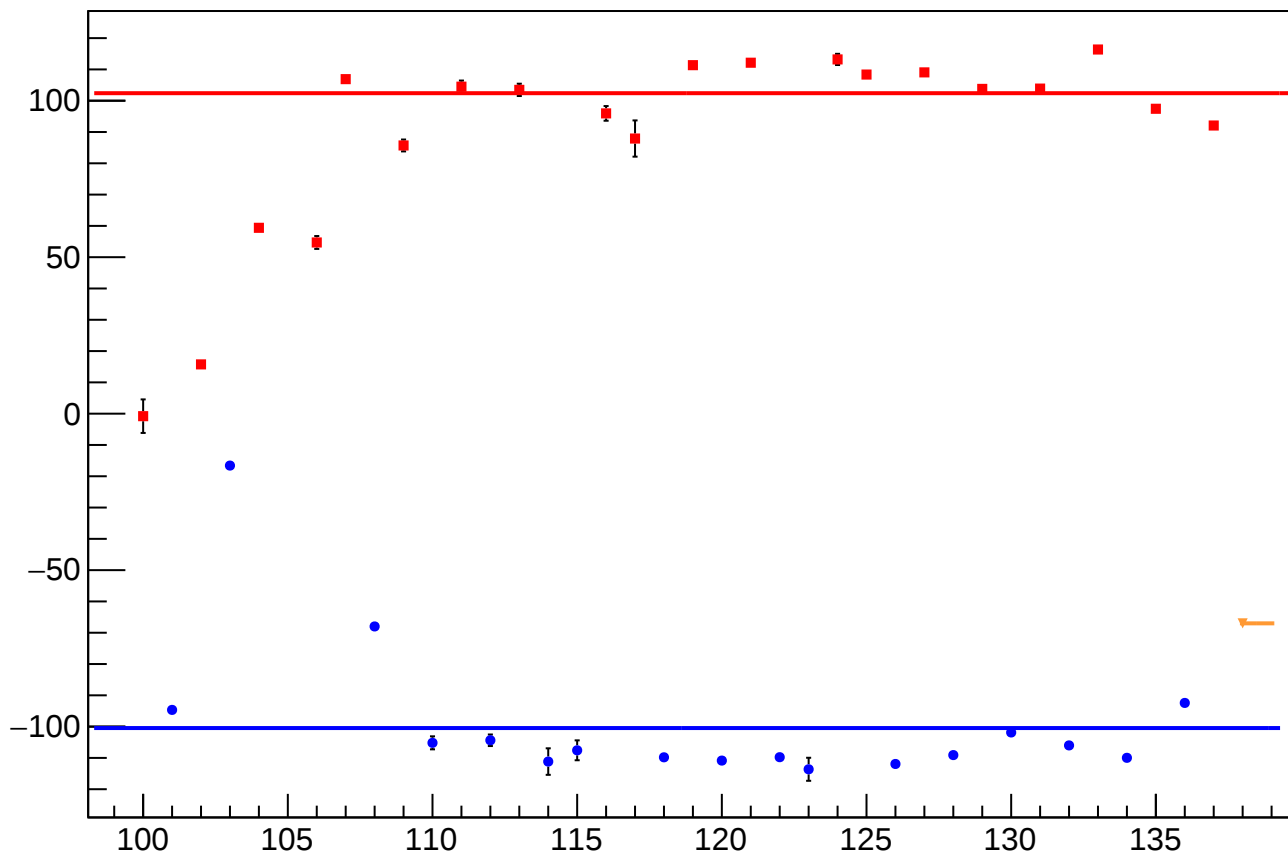
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

5.627 $\pm$ 0.350 χ^2 /NDF: 2348.3/17

-0.983 $\pm$ 0.268 χ^2 /NDF: 5493.3/37

-10.342 $\pm$ 0.416 χ^2 /NDF: 2282.7/19

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.457 ± 0.251 χ^2/NDF : 4461.1/16

Left Out: -67.003 ± 0.681 χ^2/NDF : 0.0/0

Right Out: 102.405 ± 0.246 χ^2/NDF : 6100.6/19

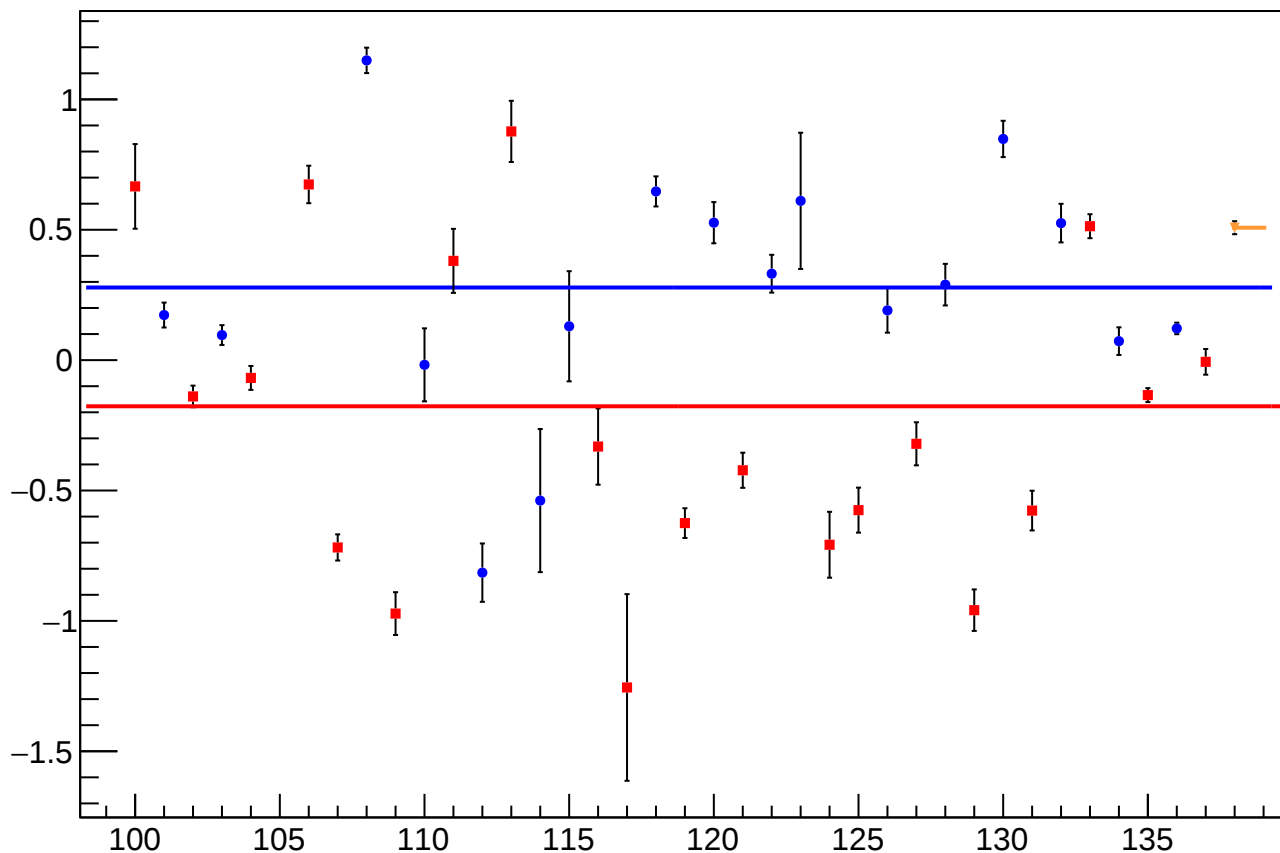
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-96.460 ± 0.235 χ^2/NDF : 6587.9/17

-1.467 ± 0.170 χ^2/NDF : 353923.7/37

102.405 ± 0.246 χ^2/NDF : 6100.6/19

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.279 $\pm$ 0.014 χ^2 /NDF: 653.9/16

Left Out: 0.508 $\pm$ 0.025 χ^2 /NDF:0.0/0

Right Out: -0.177 $\pm$ 0.013 χ^2 /NDF: 976.8/19

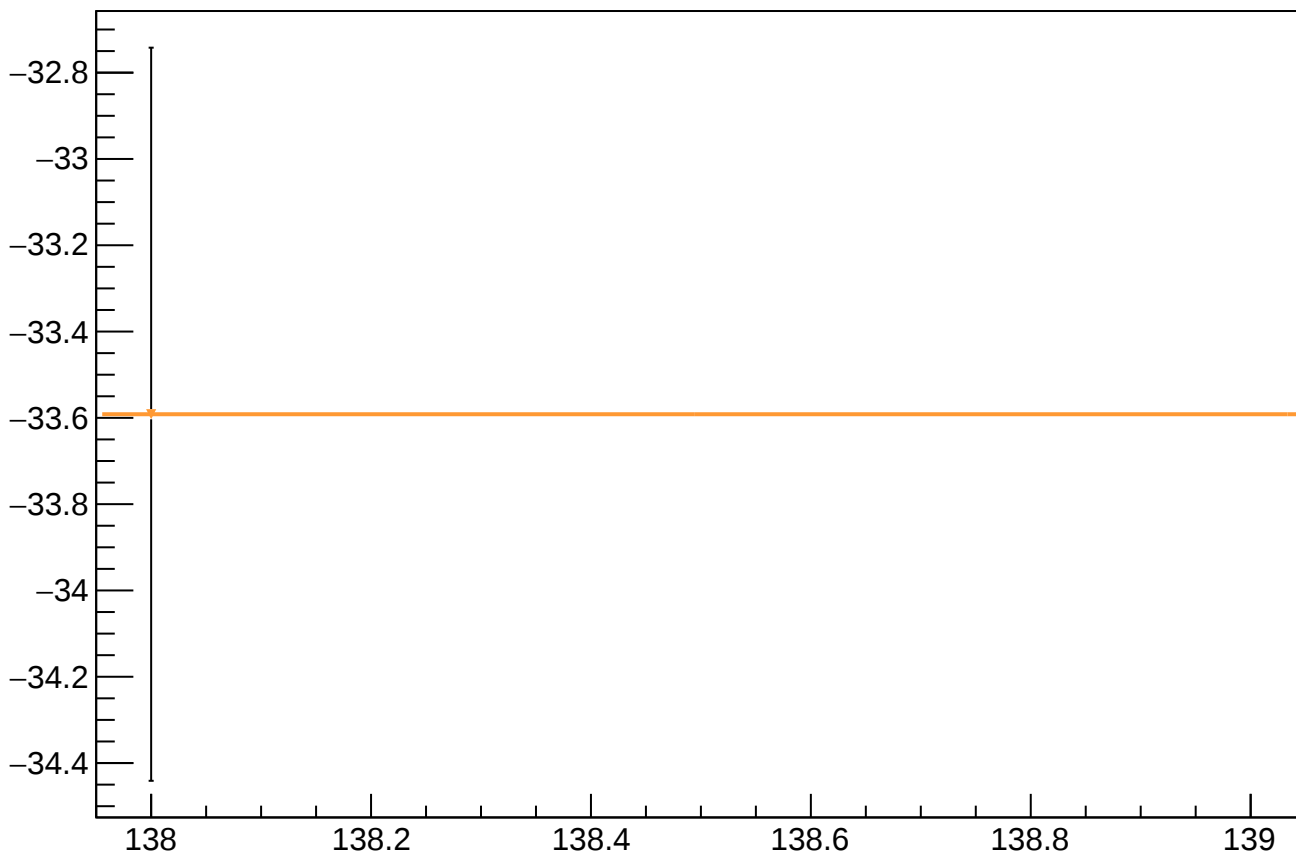
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.330 $\pm$ 0.012 χ^2 /NDF: 719.0/17

0.108 $\pm$ 0.009 χ^2 /NDF: 2493.1/37

-0.177 $\pm$ 0.013 χ^2 /NDF: 976.8/19

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -33.592+/-0.850 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

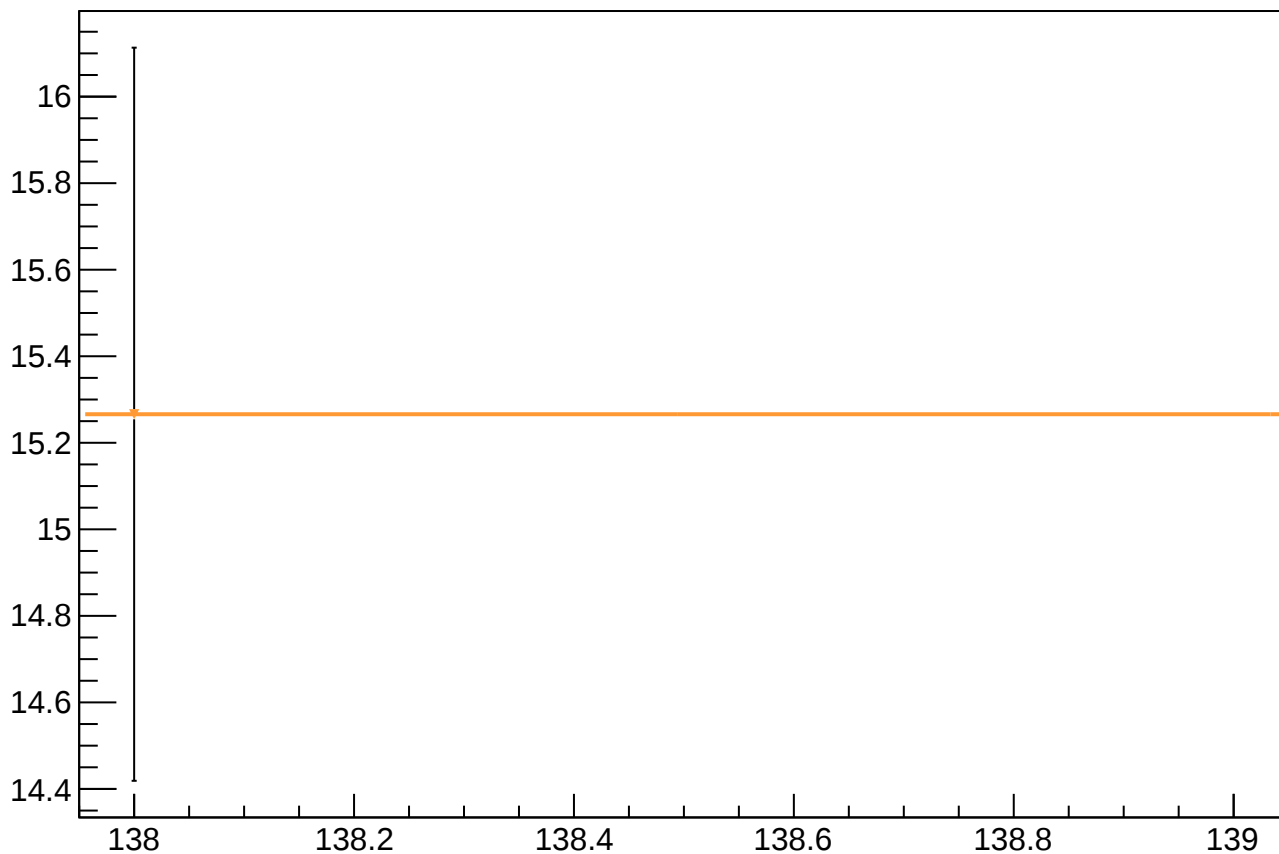
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-33.592+/-0.850 χ^2/NDF : 0.0/0

-33.592+/-0.850 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 15.266+/-0.847 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

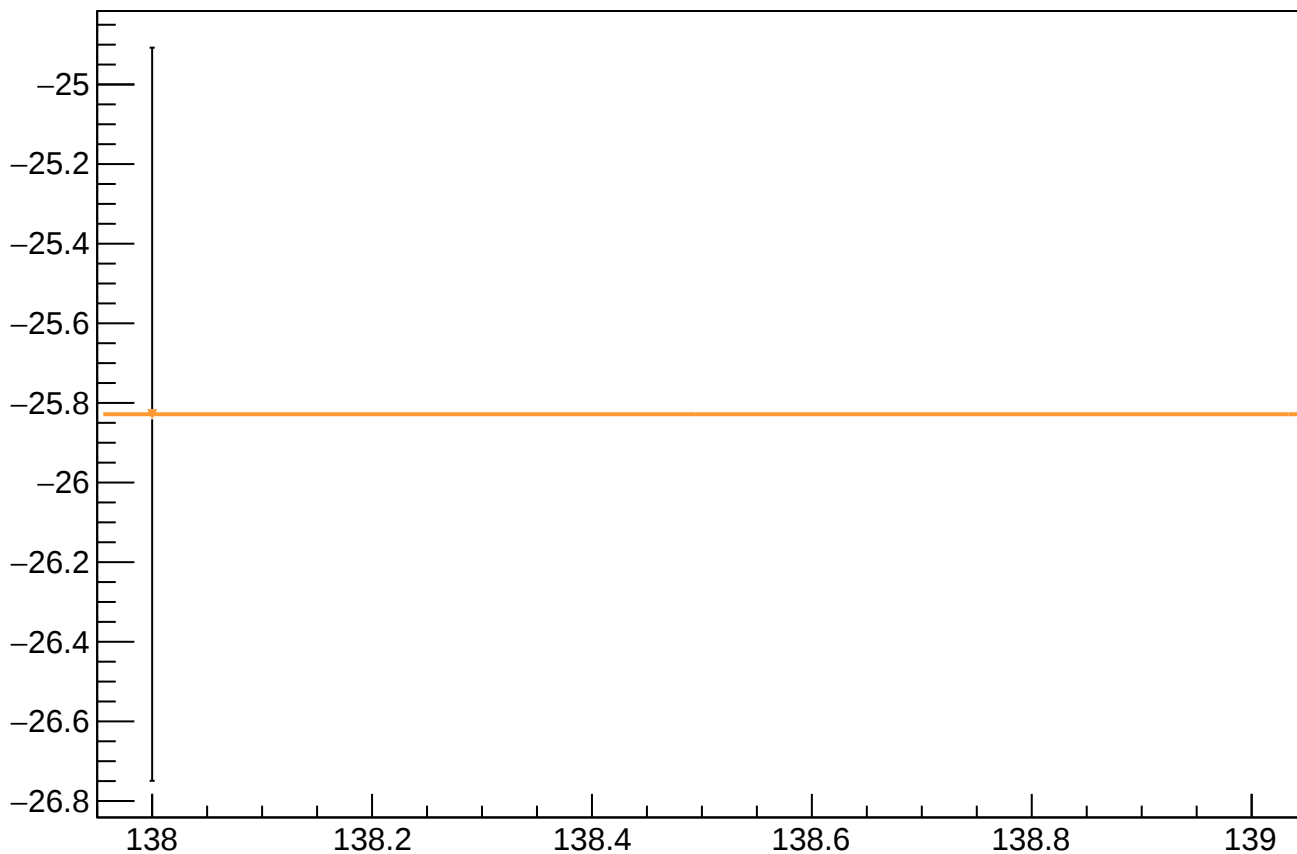
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15.266+/-0.847 χ^2/NDF : 0.0/0

15.266+/-0.847 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.828+/-0.921 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

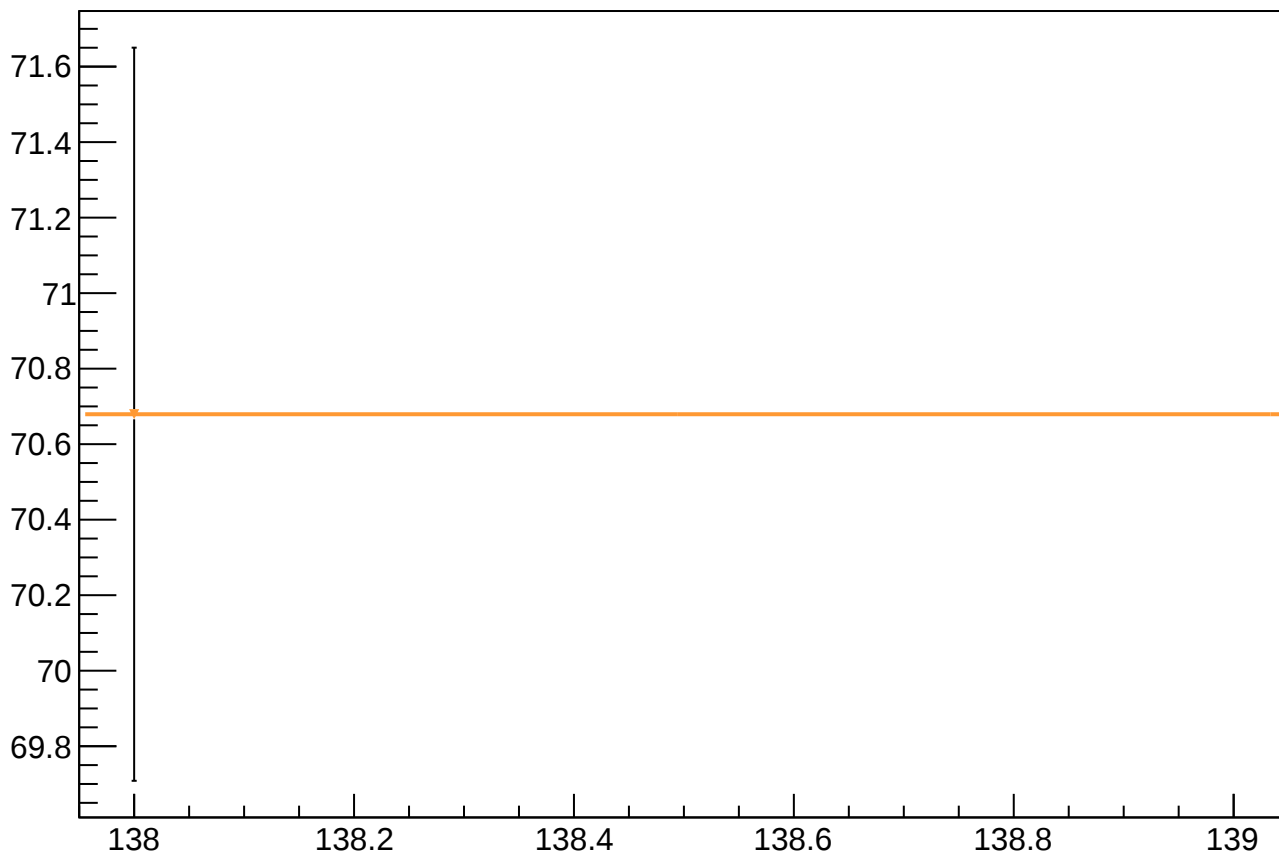
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-25.828+/-0.921 χ^2/NDF : 0.0/0

-25.828+/-0.921 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 70.679+/-0.971 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

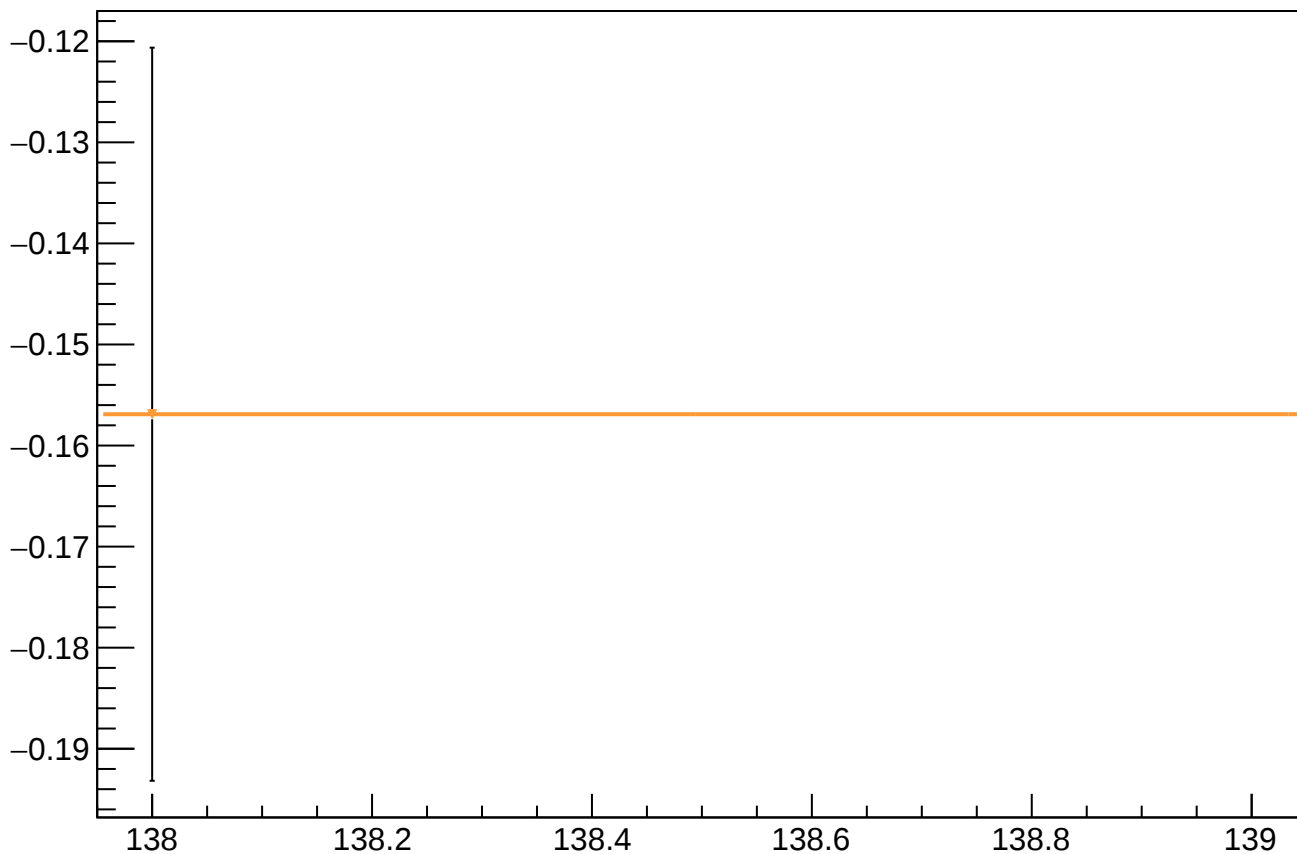
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

70.679+/-0.971 χ^2/NDF : 0.0/0

70.679+/-0.971 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.157+/-0.036 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

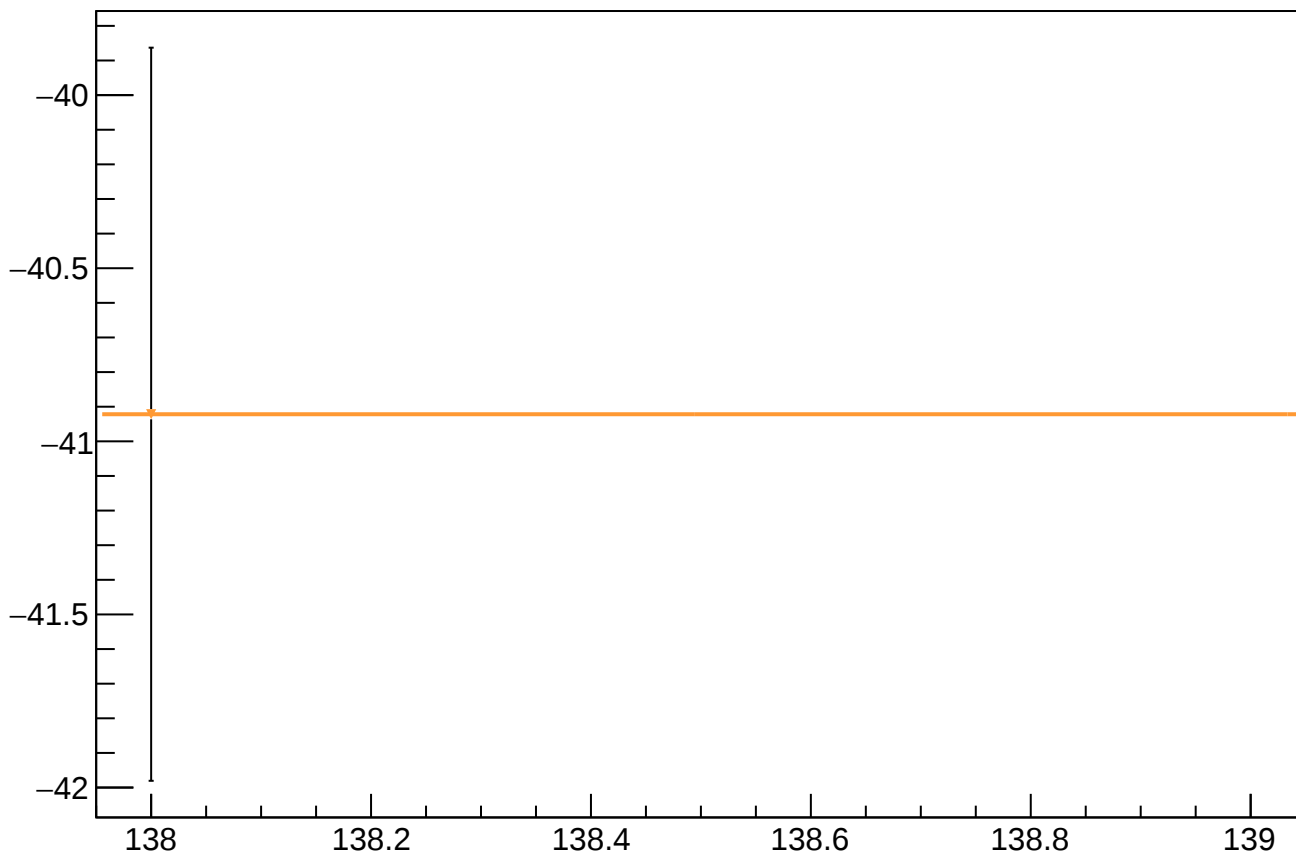
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.157+/-0.036 χ^2/NDF : 0.0/0

-0.157+/-0.036 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -40.922+/-1.059 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

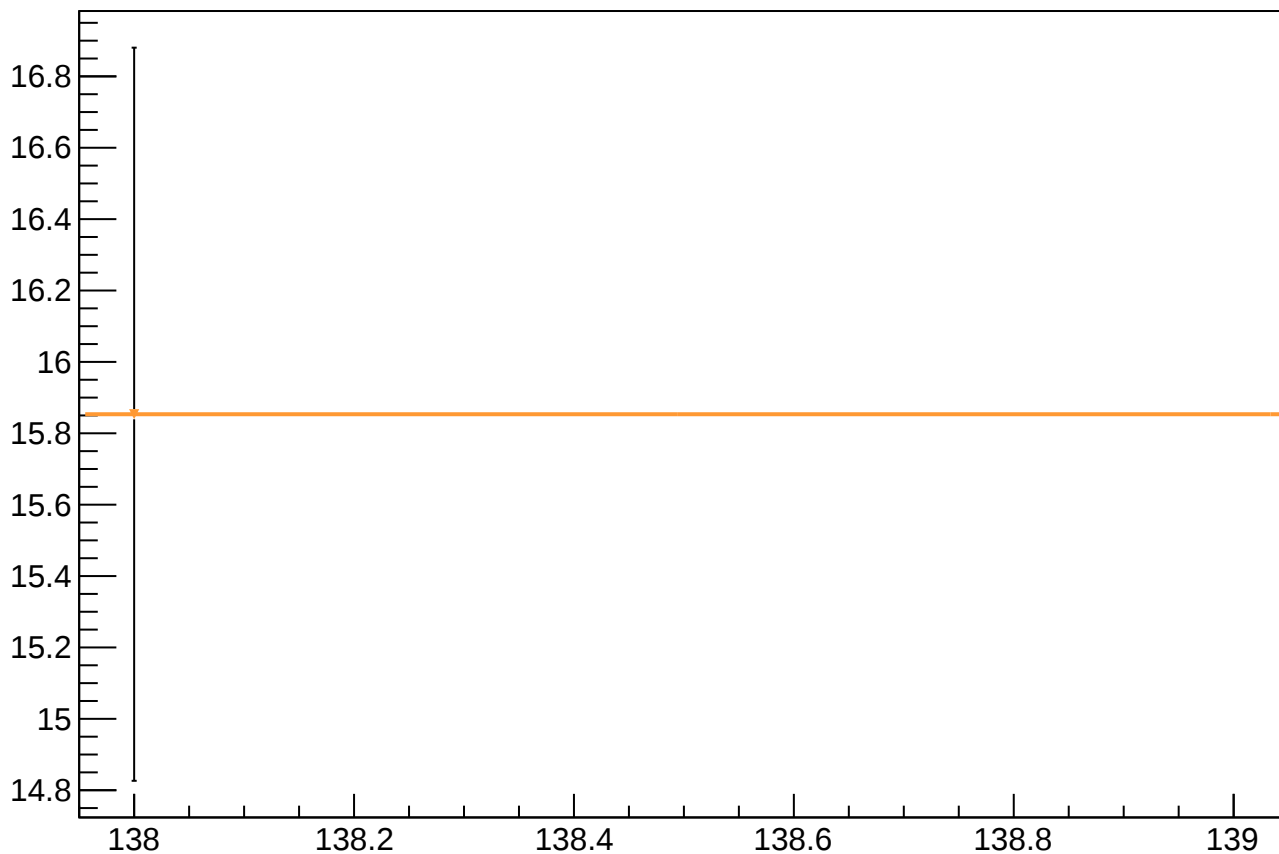
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-40.922+/-1.059 χ^2/NDF : 0.0/0

-40.922+/-1.059 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 15.853+/-1.027 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

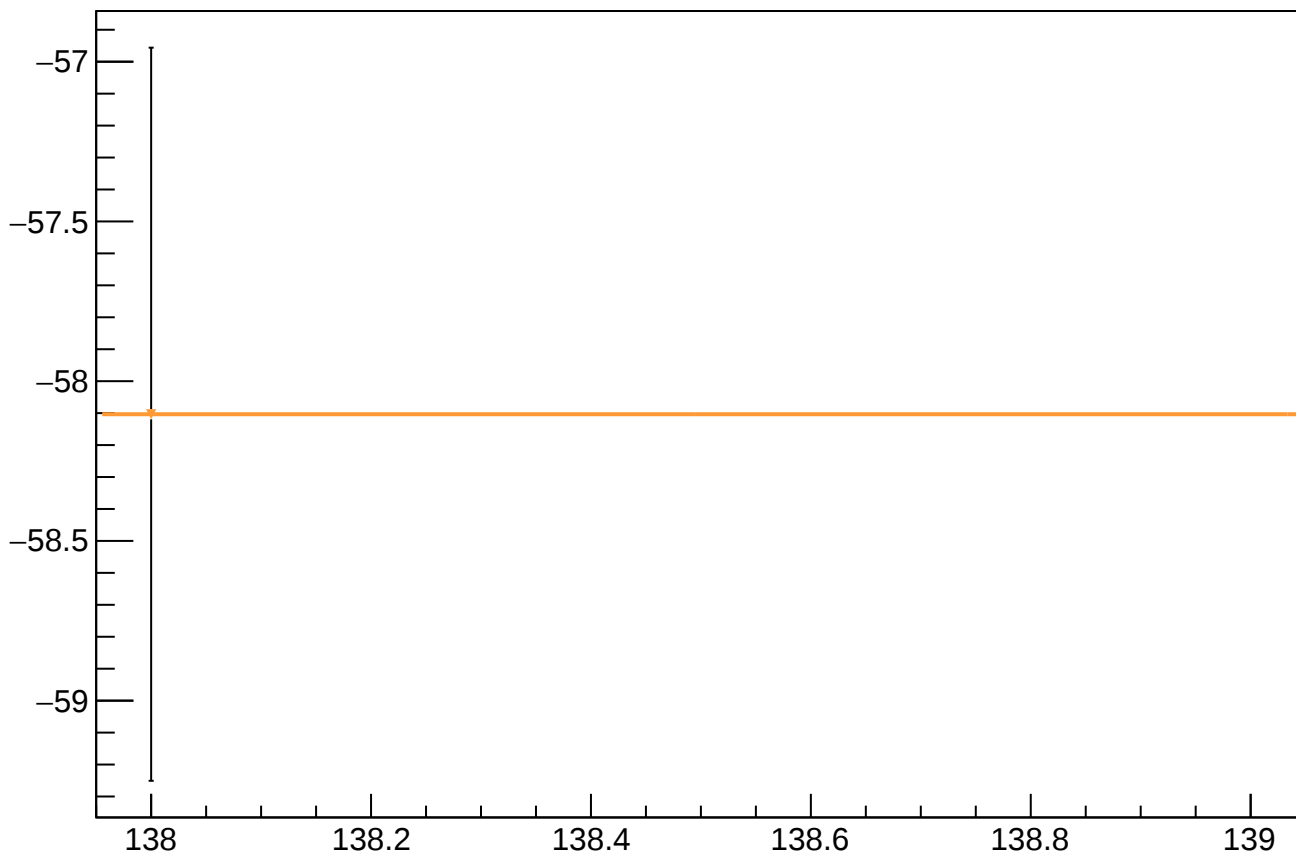
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15.853+/-1.027 χ^2/NDF : 0.0/0

15.853+/-1.027 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -58.103+/-1.147 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

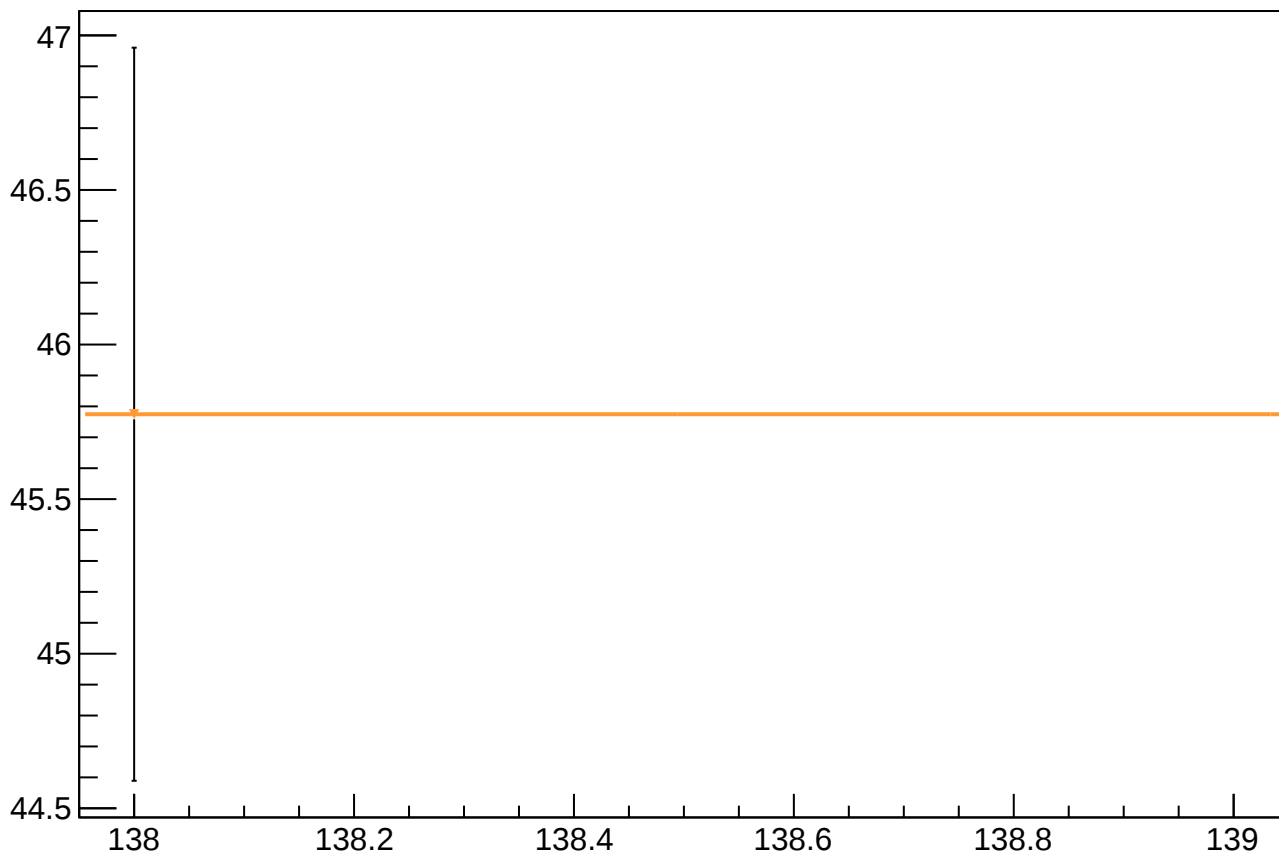
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-58.103+/-1.147 χ^2/NDF : 0.0/0

-58.103+/-1.147 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 45.775+/-1.186 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

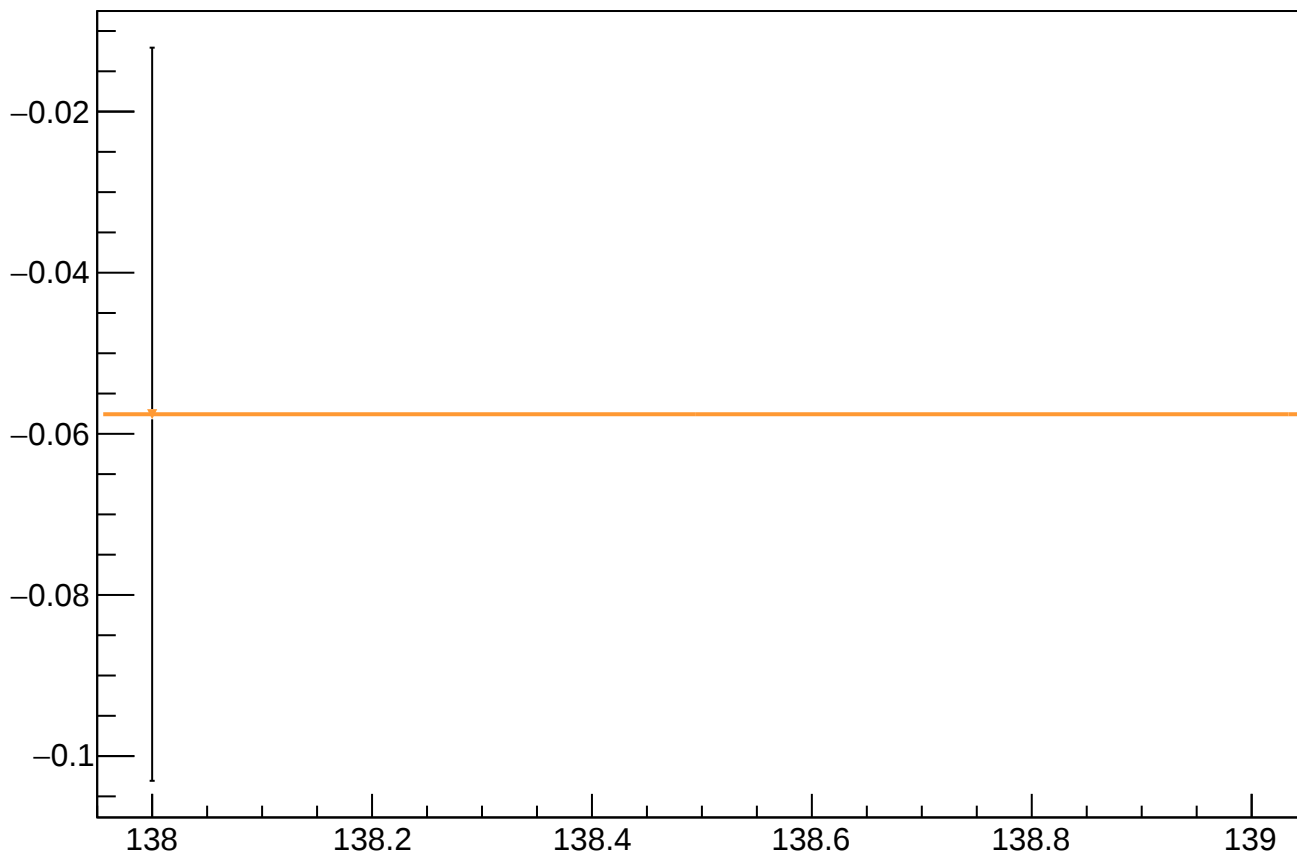
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

45.775+/-1.186 χ^2/NDF : 0.0/0

45.775+/-1.186 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.058+/-0.045 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

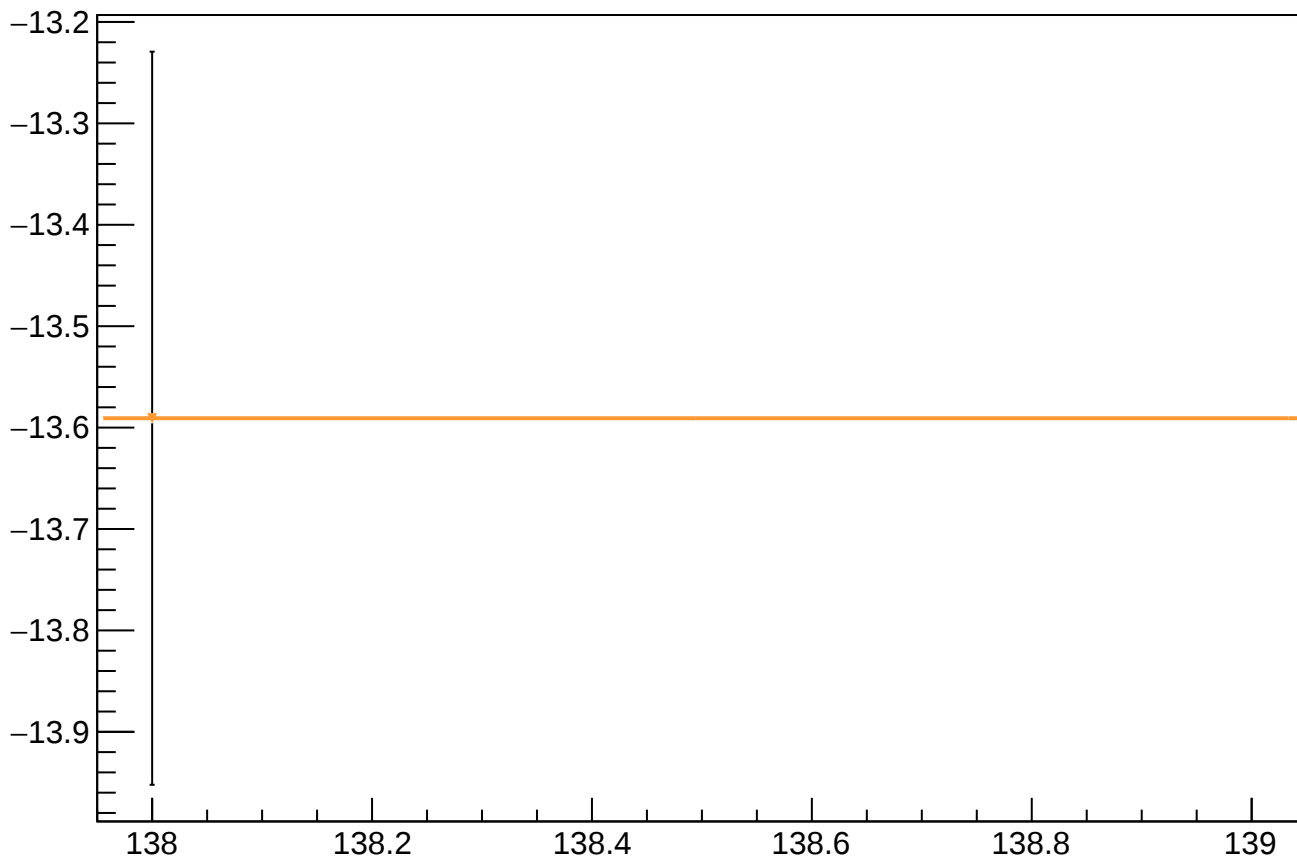
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.058+/-0.045 χ^2/NDF : 0.0/0

-0.058+/-0.045 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.591+/-0.361 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

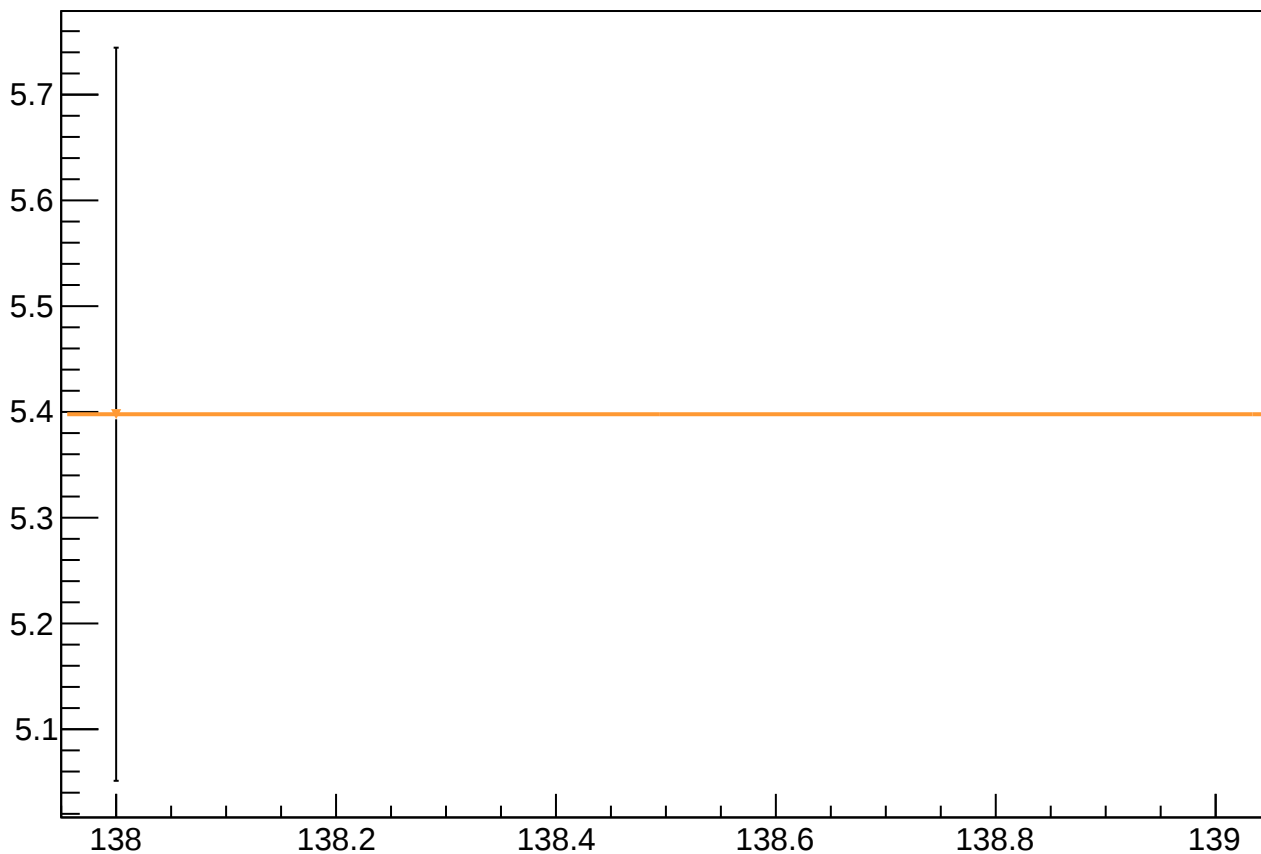
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-13.591+/-0.361 χ^2/NDF : 0.0/0

-13.591+/-0.361 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 5.398 $\pm$ 0.347 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

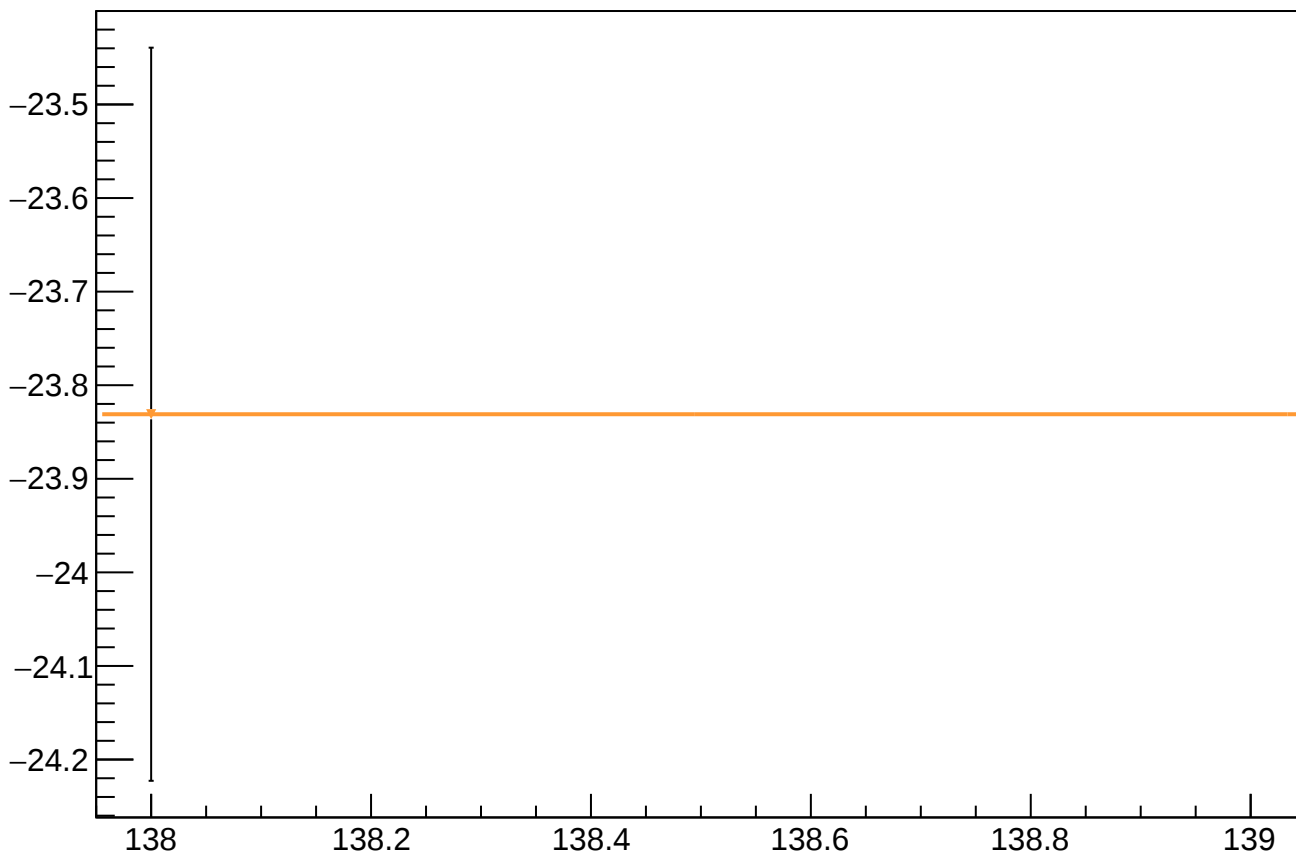
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

5.398 $\pm$ 0.347 χ^2 /NDF: 0.0/0

5.398 $\pm$ 0.347 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.831+/-0.392 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

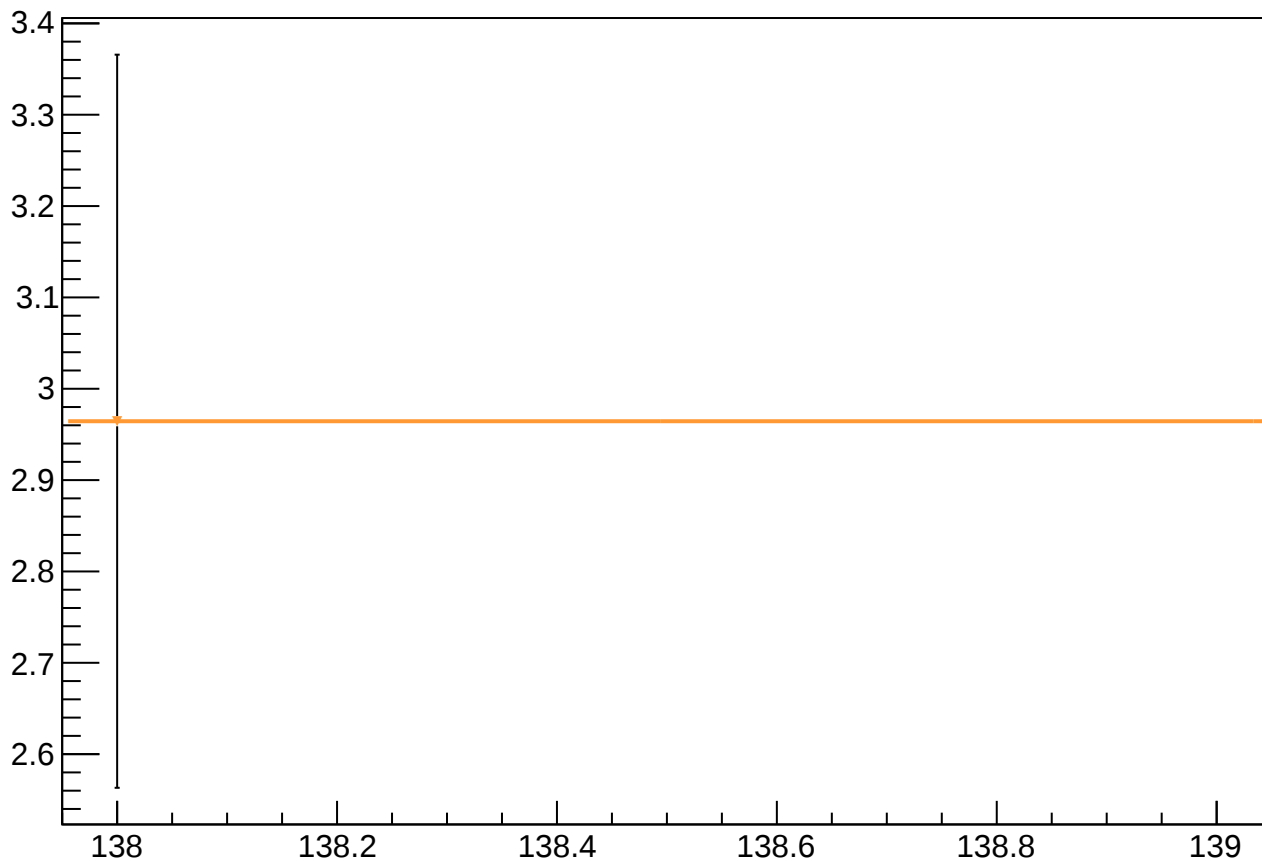
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-23.831+/-0.392 χ^2/NDF : 0.0/0

-23.831+/-0.392 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2.964+/-0.401 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

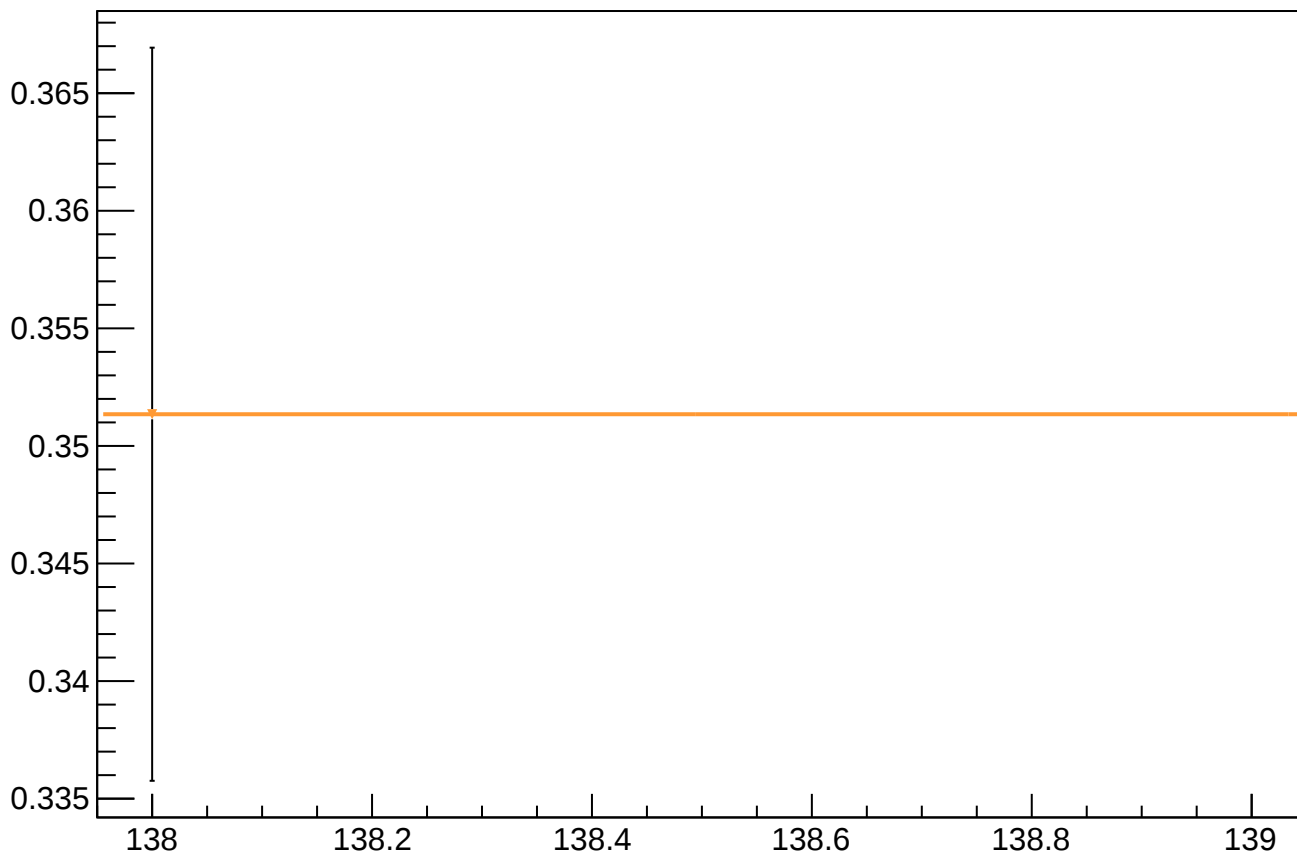
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.964+/-0.401 χ^2/NDF : 0.0/0

2.964+/-0.401 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.351+/-0.016 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

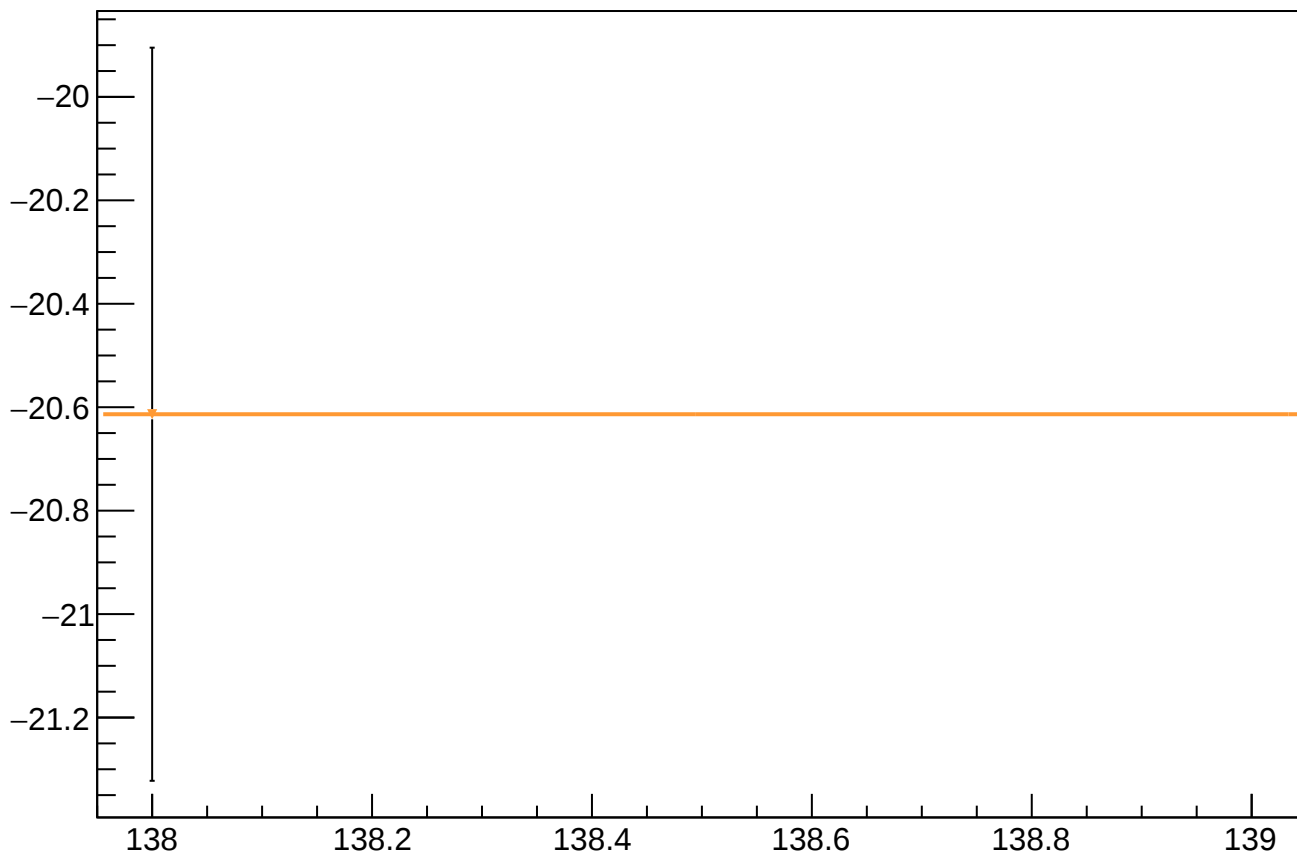
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.351+/-0.016 χ^2/NDF : 0.0/0

0.351+/-0.016 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -20.614+/-0.709 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

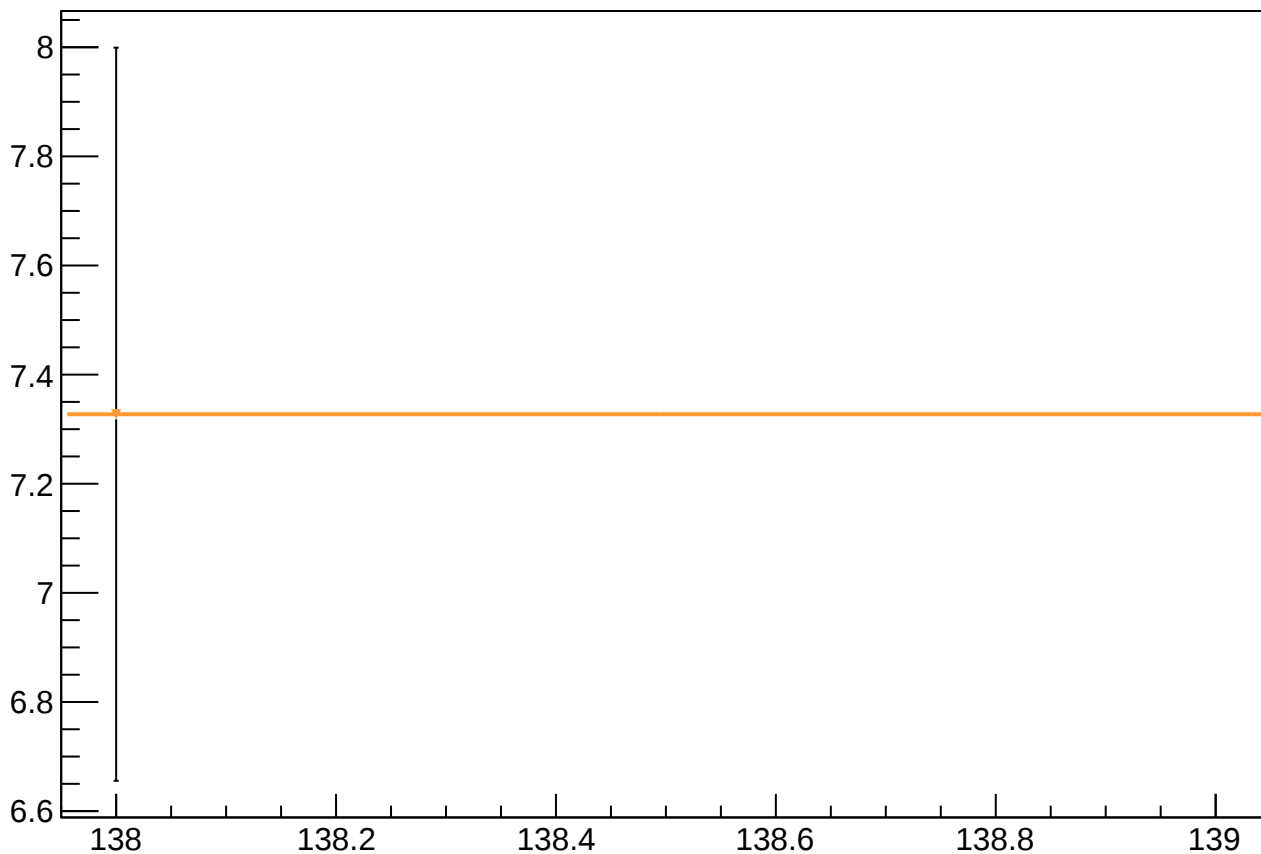
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-20.614+/-0.709 χ^2/NDF : 0.0/0

-20.614+/-0.709 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 7.327 $\pm$ 0.672 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

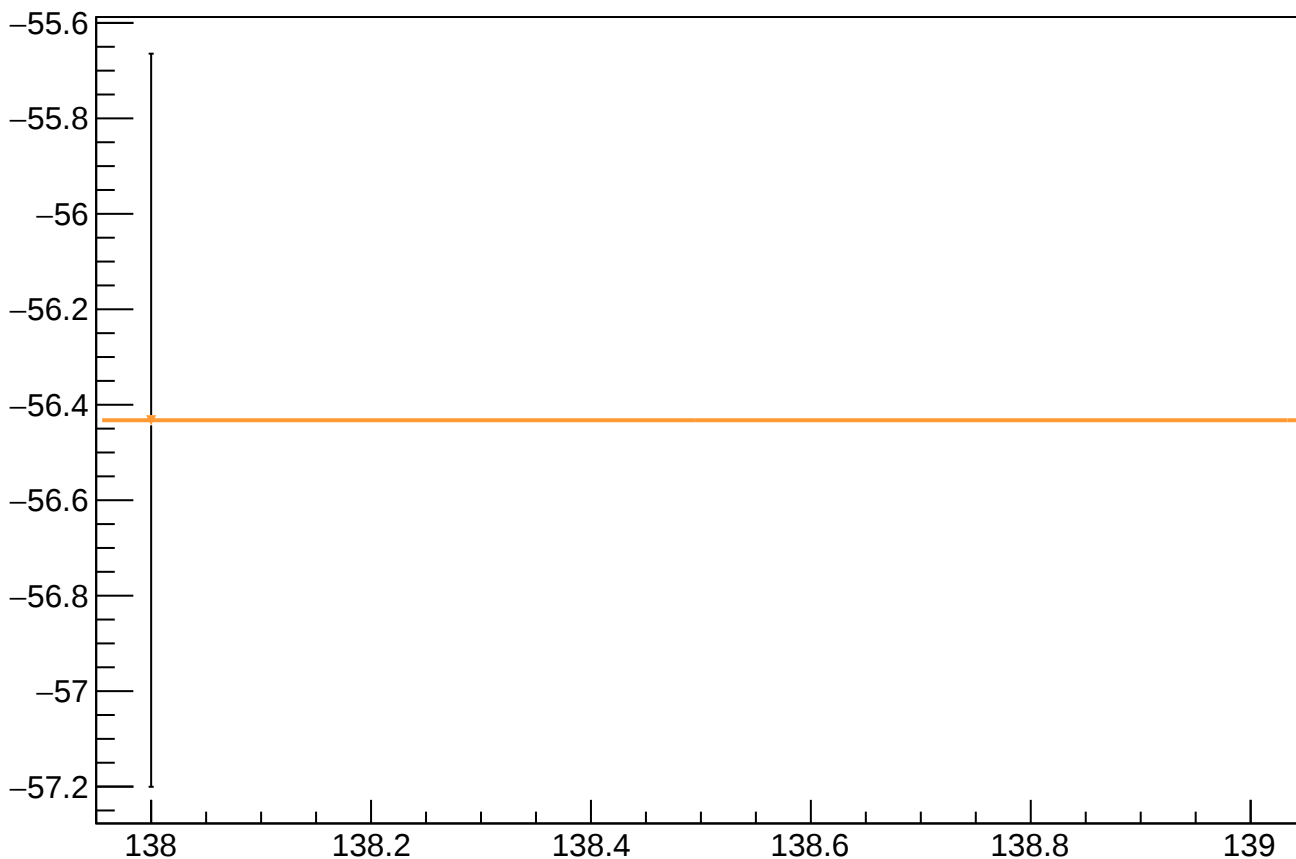
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7.327 $\pm$ 0.672 χ^2 /NDF: 0.0/0

7.327 $\pm$ 0.672 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -56.432+/-0.768 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

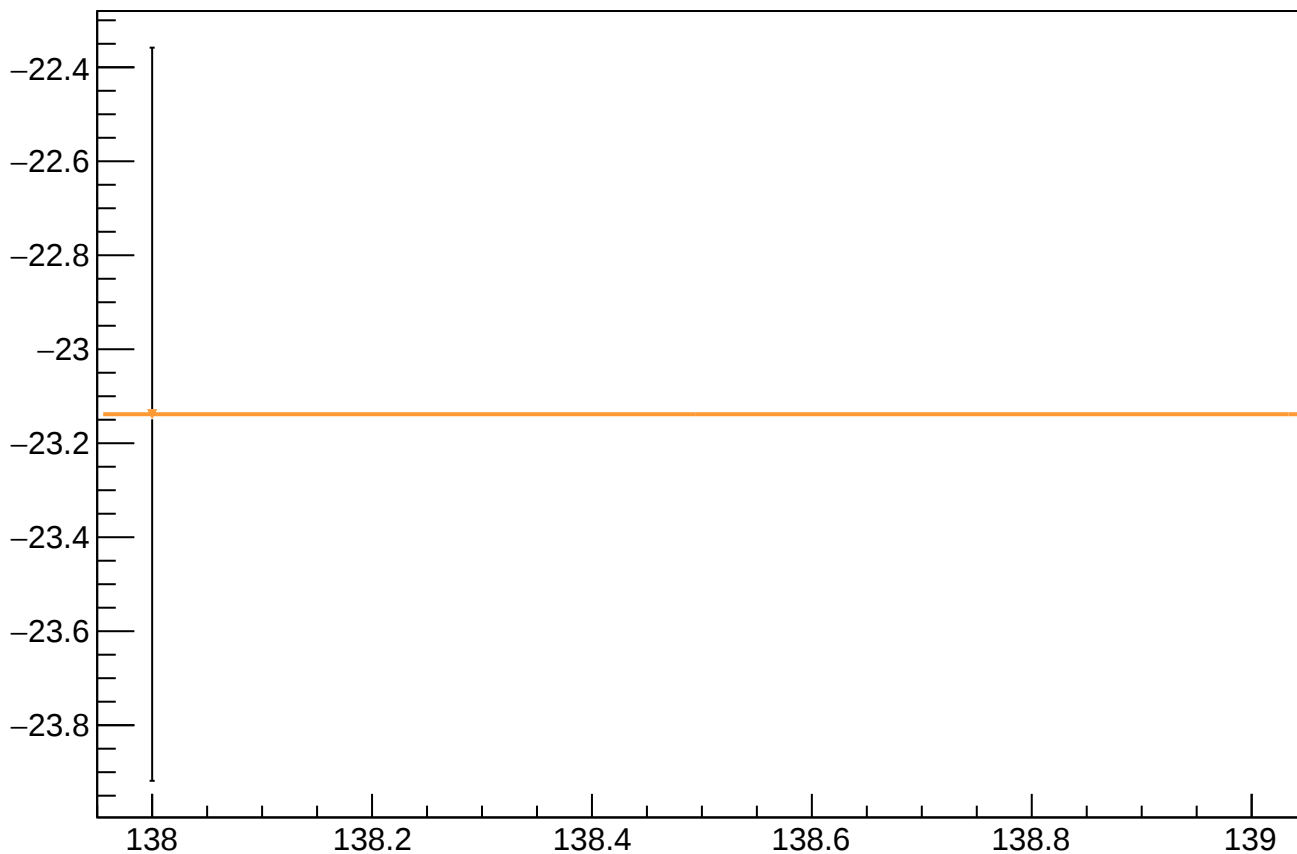
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-56.432+/-0.768 χ^2/NDF : 0.0/0

-56.432+/-0.768 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.138+/-0.780 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

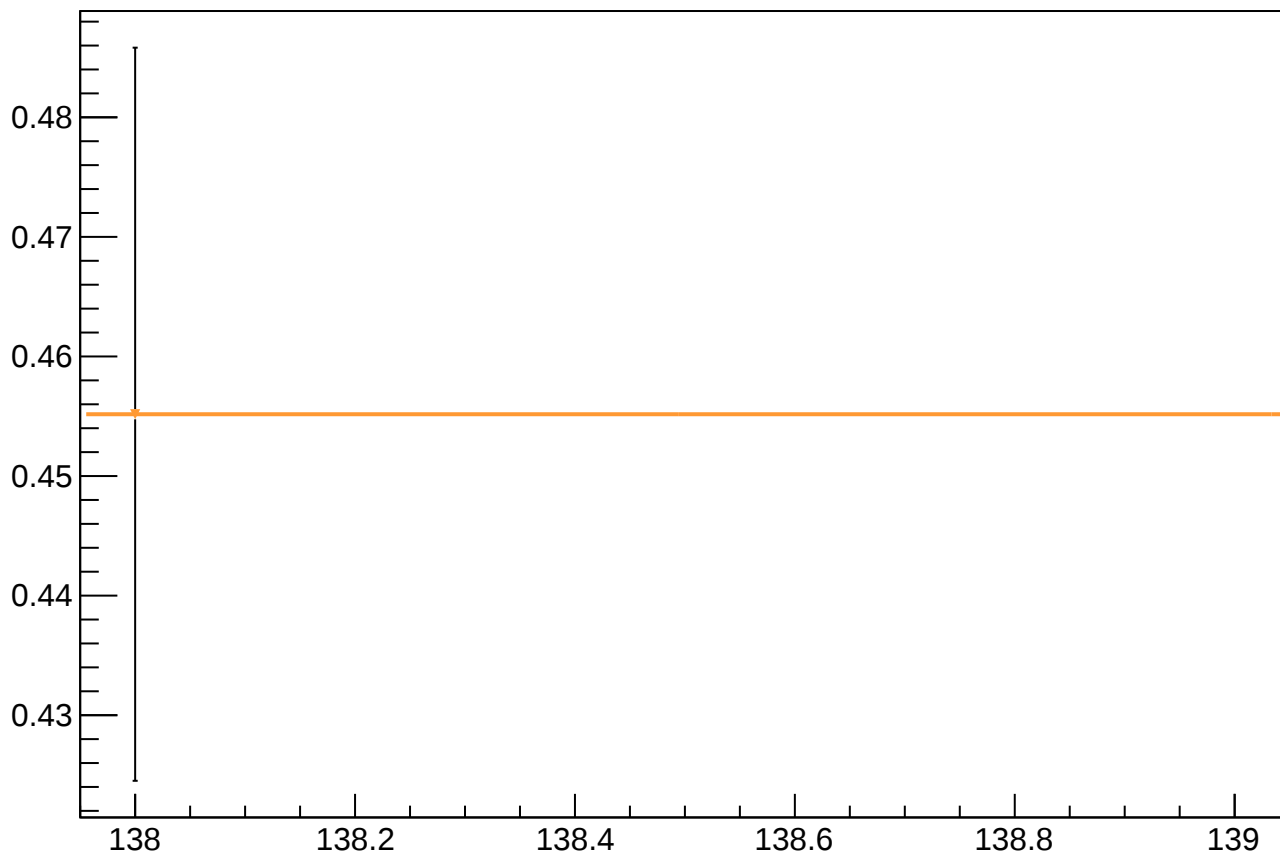
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-23.138+/-0.780 χ^2/NDF : 0.0/0

-23.138+/-0.780 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.455+/-0.031 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

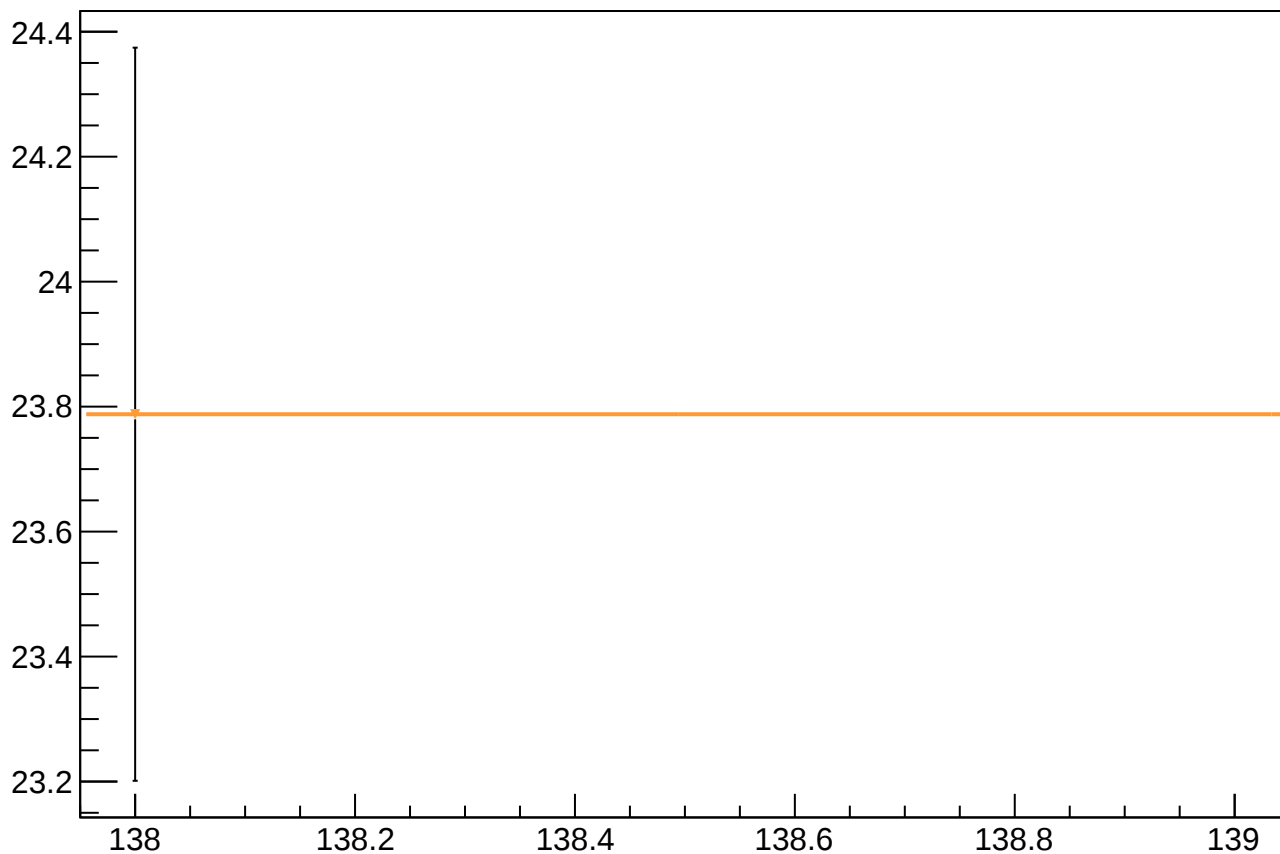
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.455+/-0.031 χ^2/NDF : 0.0/0

0.455+/-0.031 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left Out: 23.788 +/- 0.587 χ^2/NDF : 0.0/0

Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

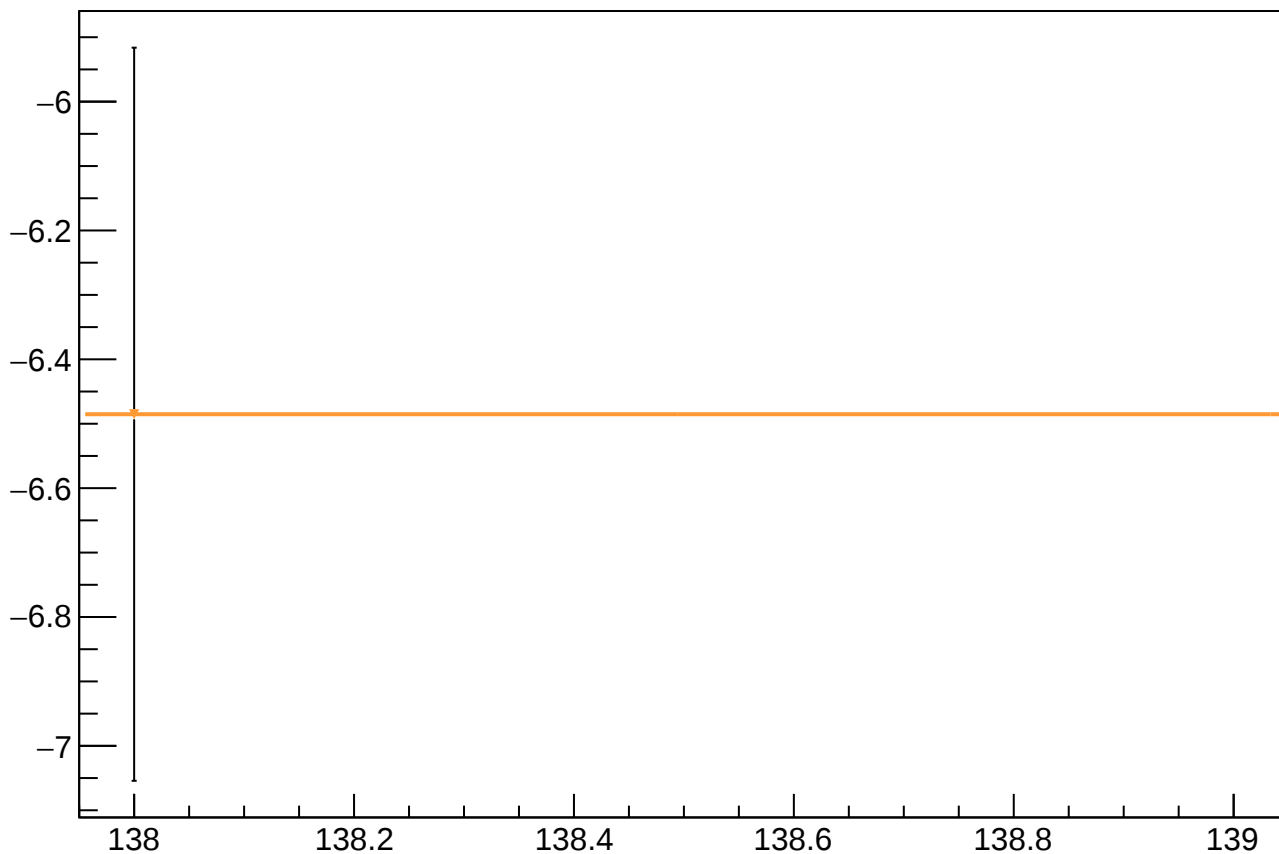
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

23.788 +/- 0.587 χ^2/NDF : 0.0/0

23.788 +/- 0.587 χ^2/NDF : 0.0/0

0.000 +/- 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -6.485+/-0.569 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

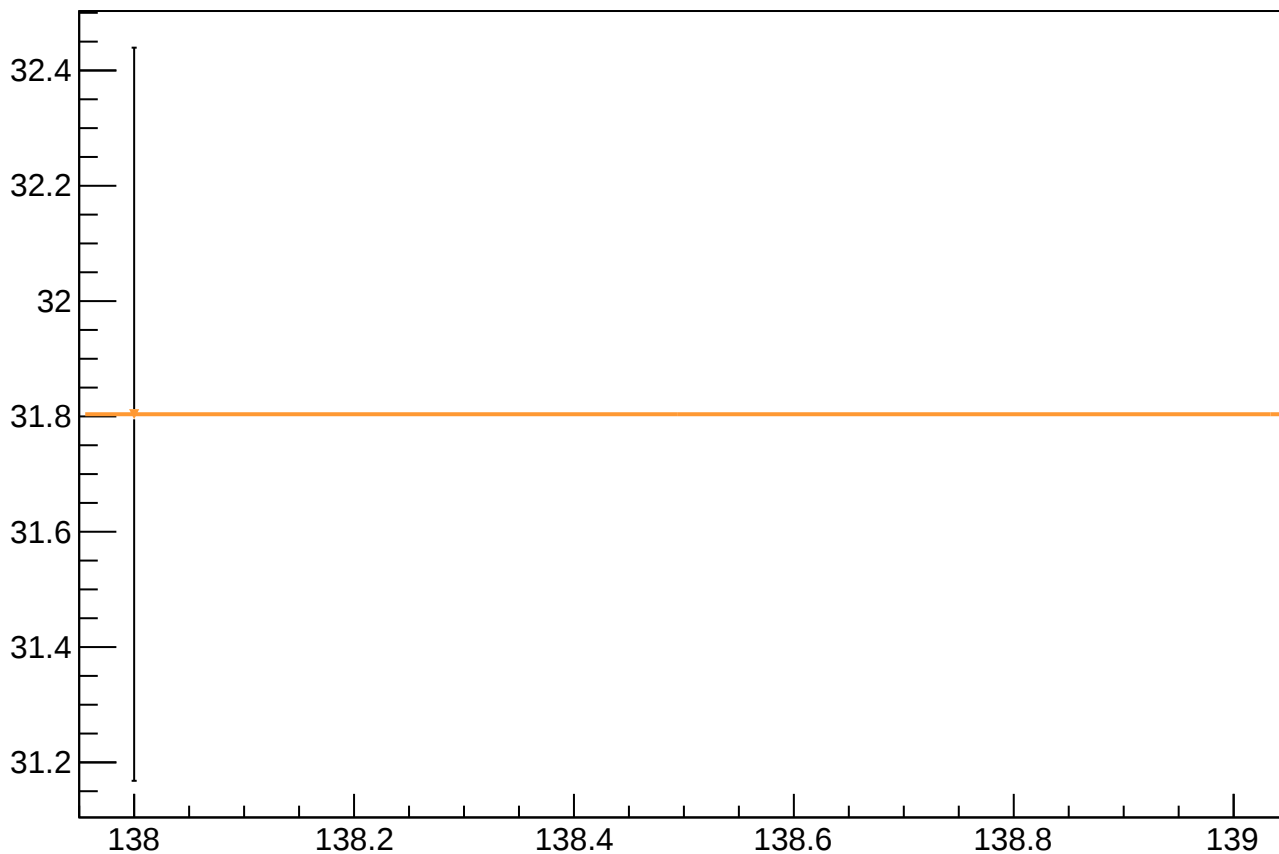
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.485+/-0.569 χ^2/NDF : 0.0/0

-6.485+/-0.569 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 31.804+/-0.636 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

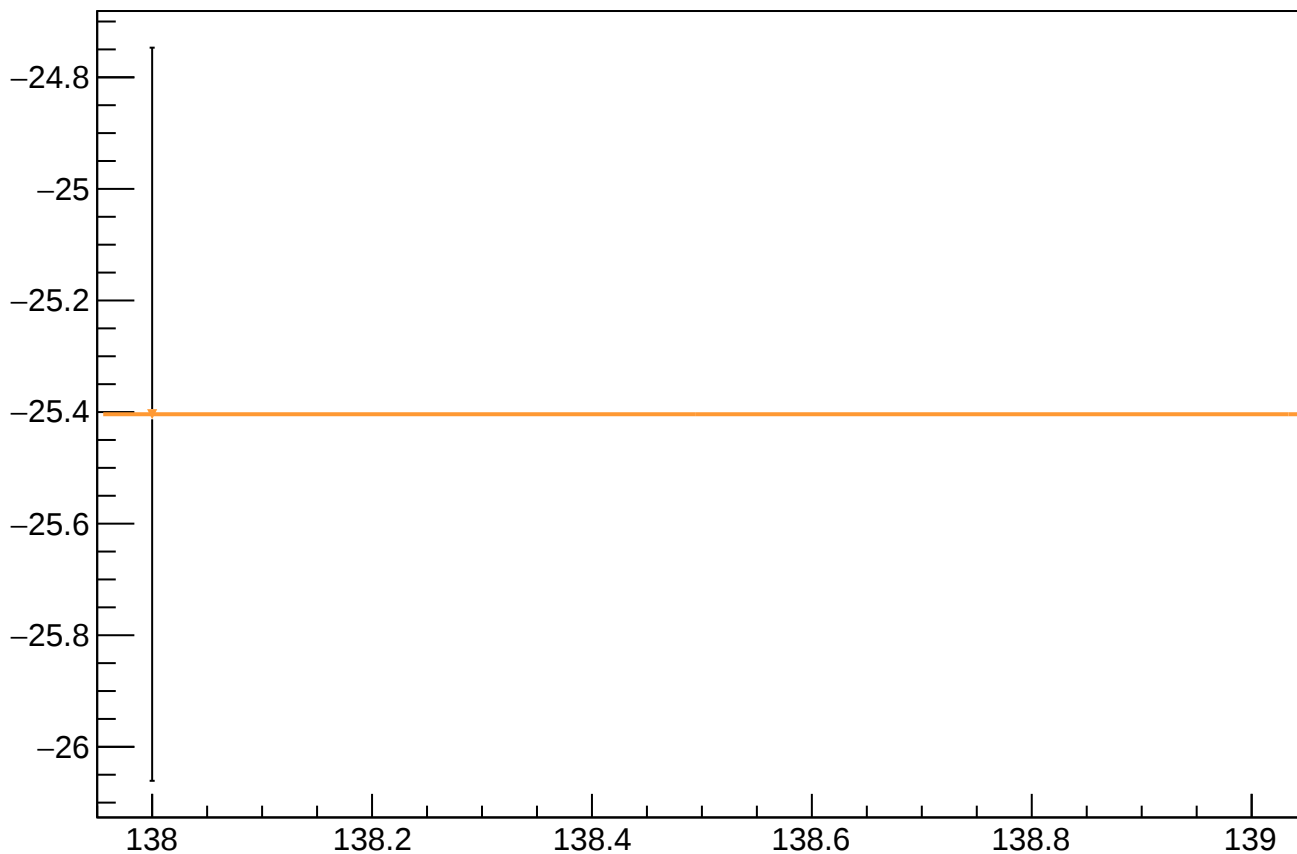
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

31.804+/-0.636 χ^2/NDF : 0.0/0

31.804+/-0.636 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.404+/-0.657 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

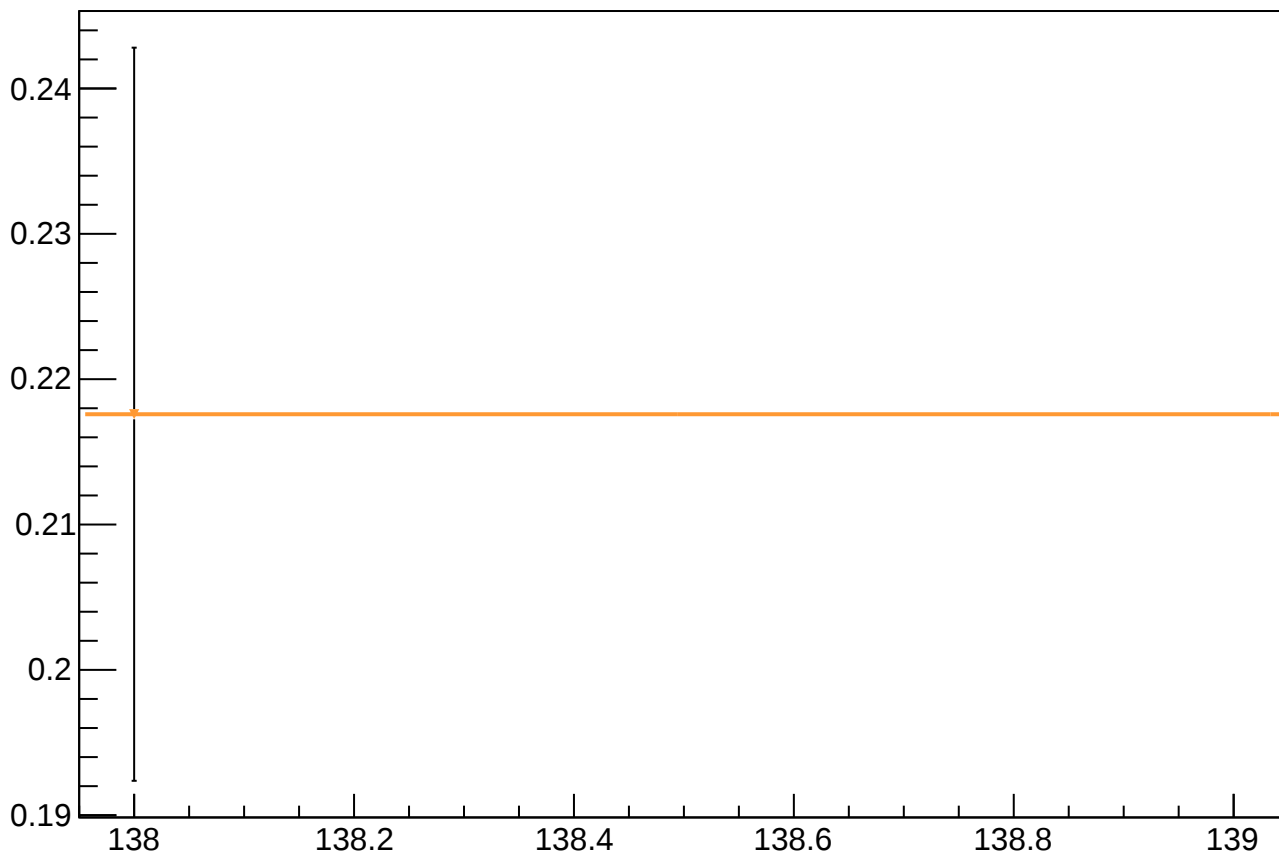
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-25.404+/-0.657 χ^2/NDF : 0.0/0

-25.404+/-0.657 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.218+/-0.025 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

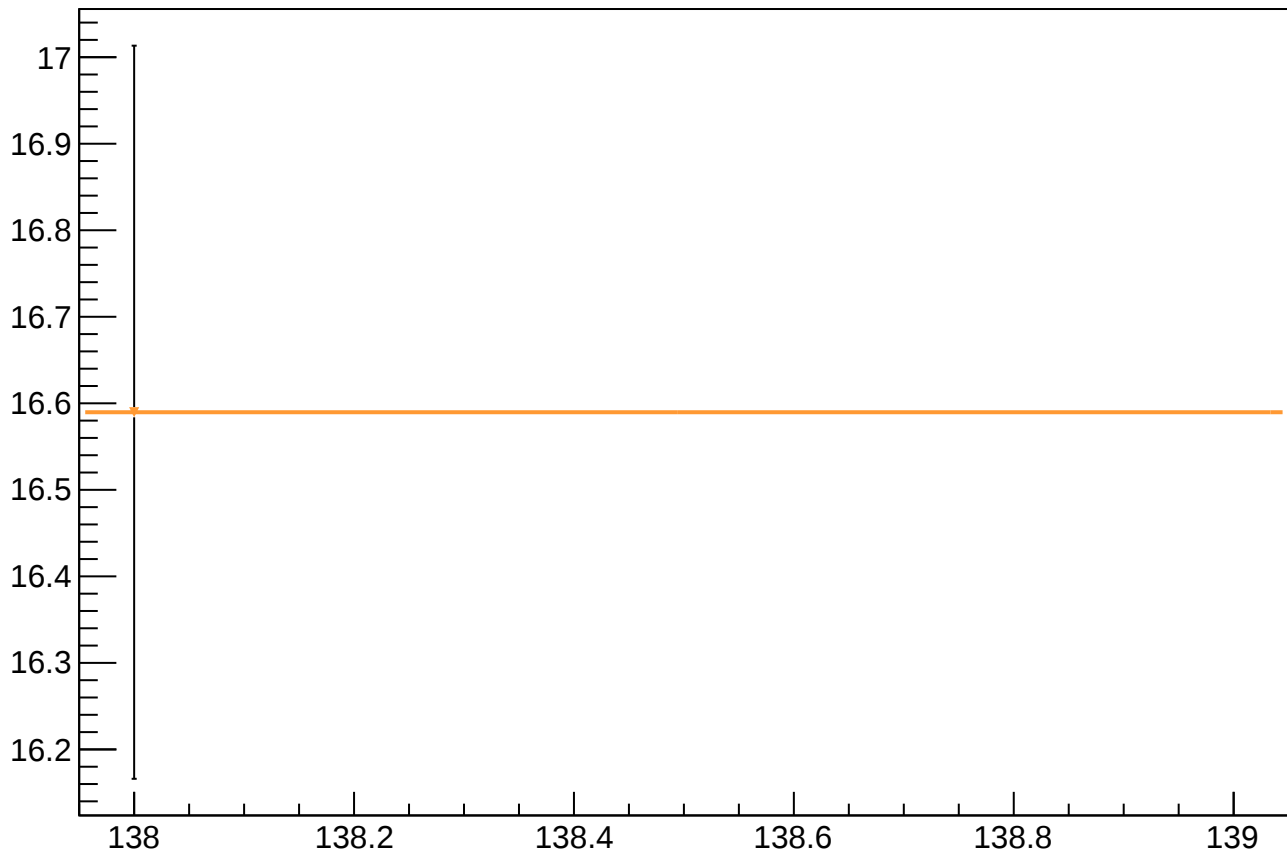
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.218+/-0.025 χ^2/NDF : 0.0/0

0.218+/-0.025 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 16.590+/-0.424 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

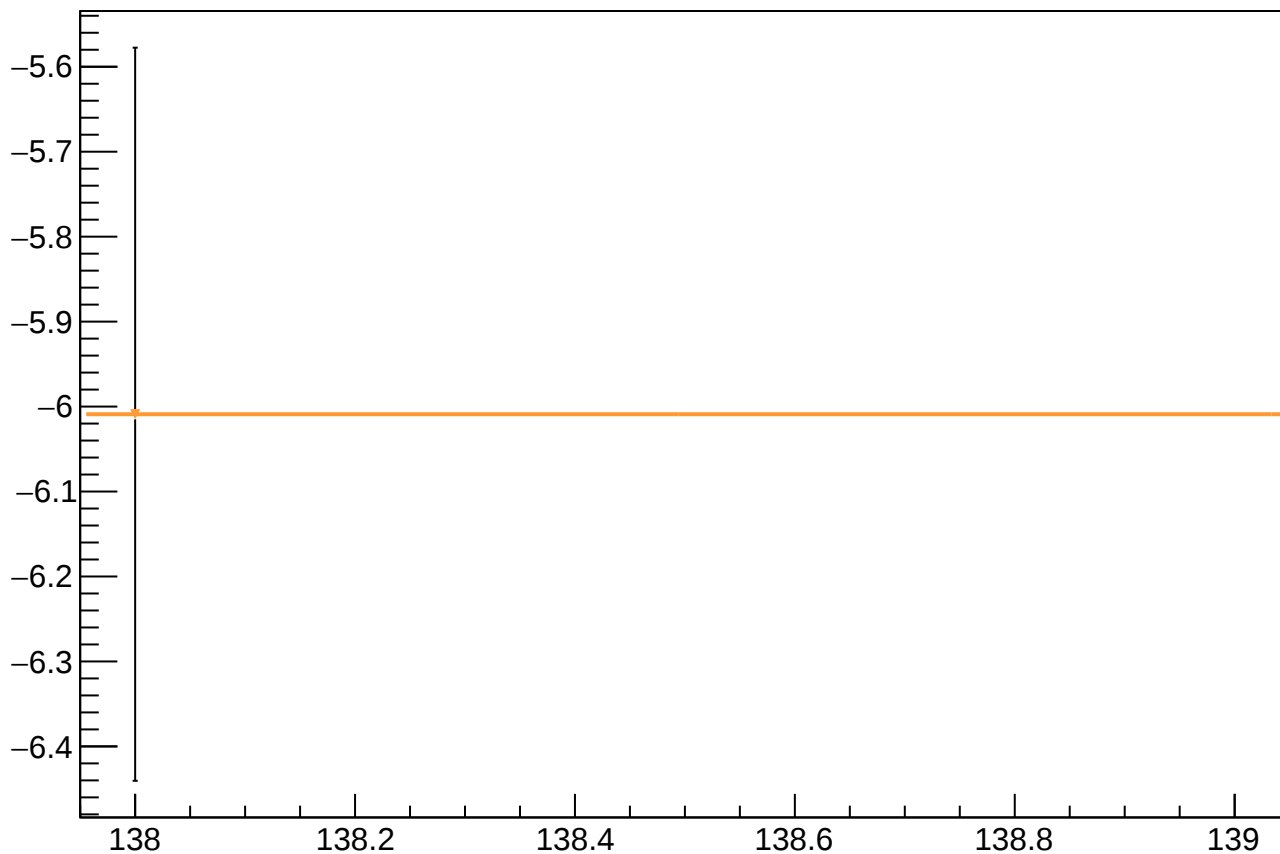
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

16.590+/-0.424 χ^2/NDF : 0.0/0

16.590+/-0.424 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -6.009+/-0.431 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

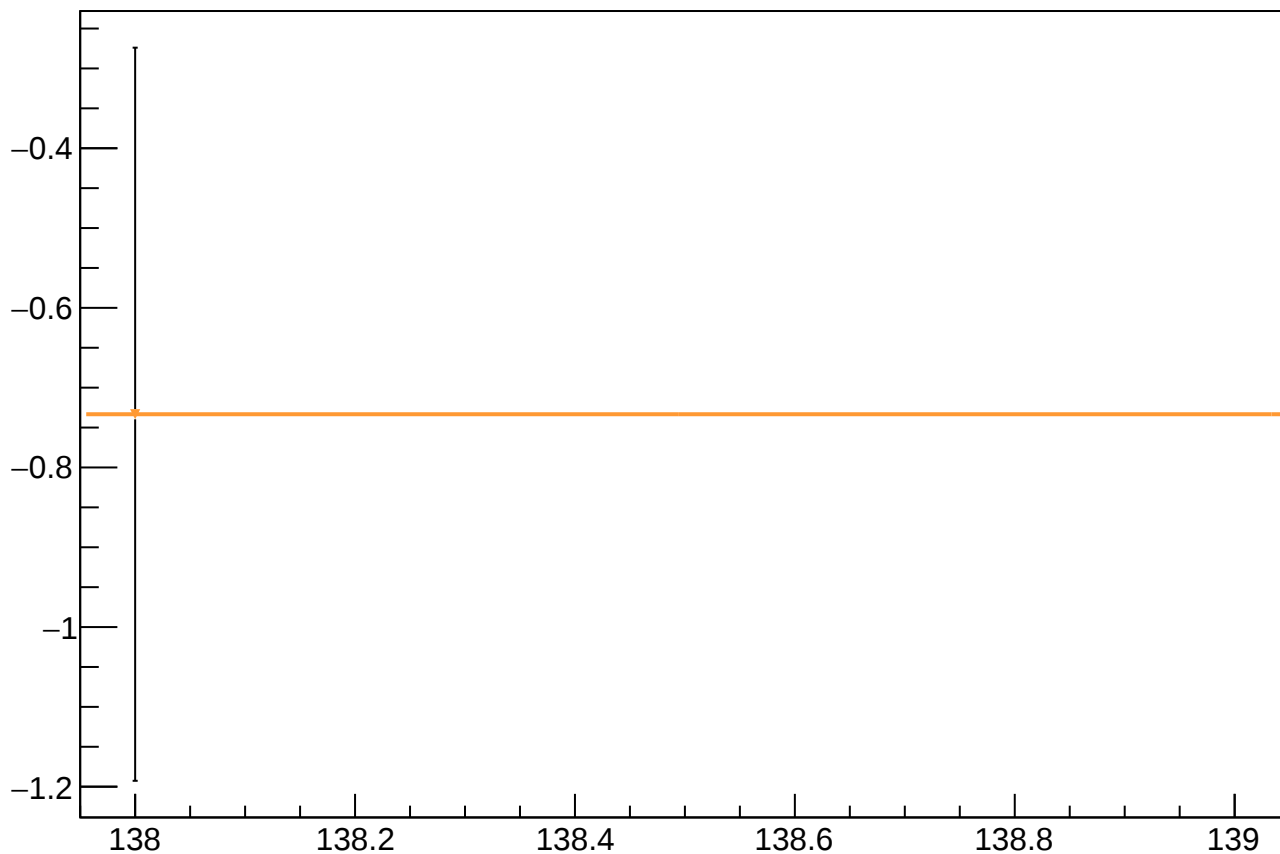
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.009+/-0.431 χ^2/NDF : 0.0/0

-6.009+/-0.431 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.733+/-0.459 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

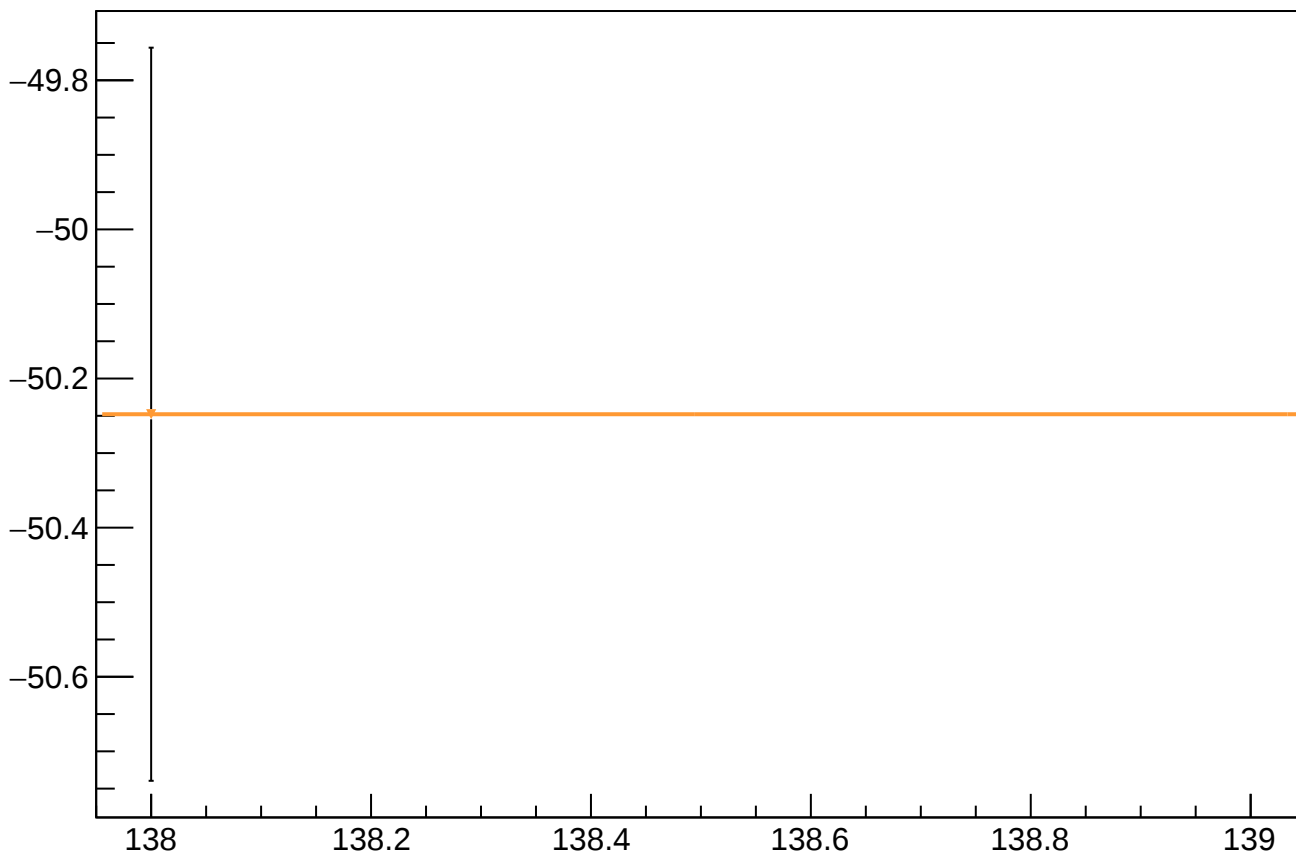
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.733+/-0.459 χ^2/NDF : 0.0/0

-0.733+/-0.459 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -50.248 ± 0.492 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

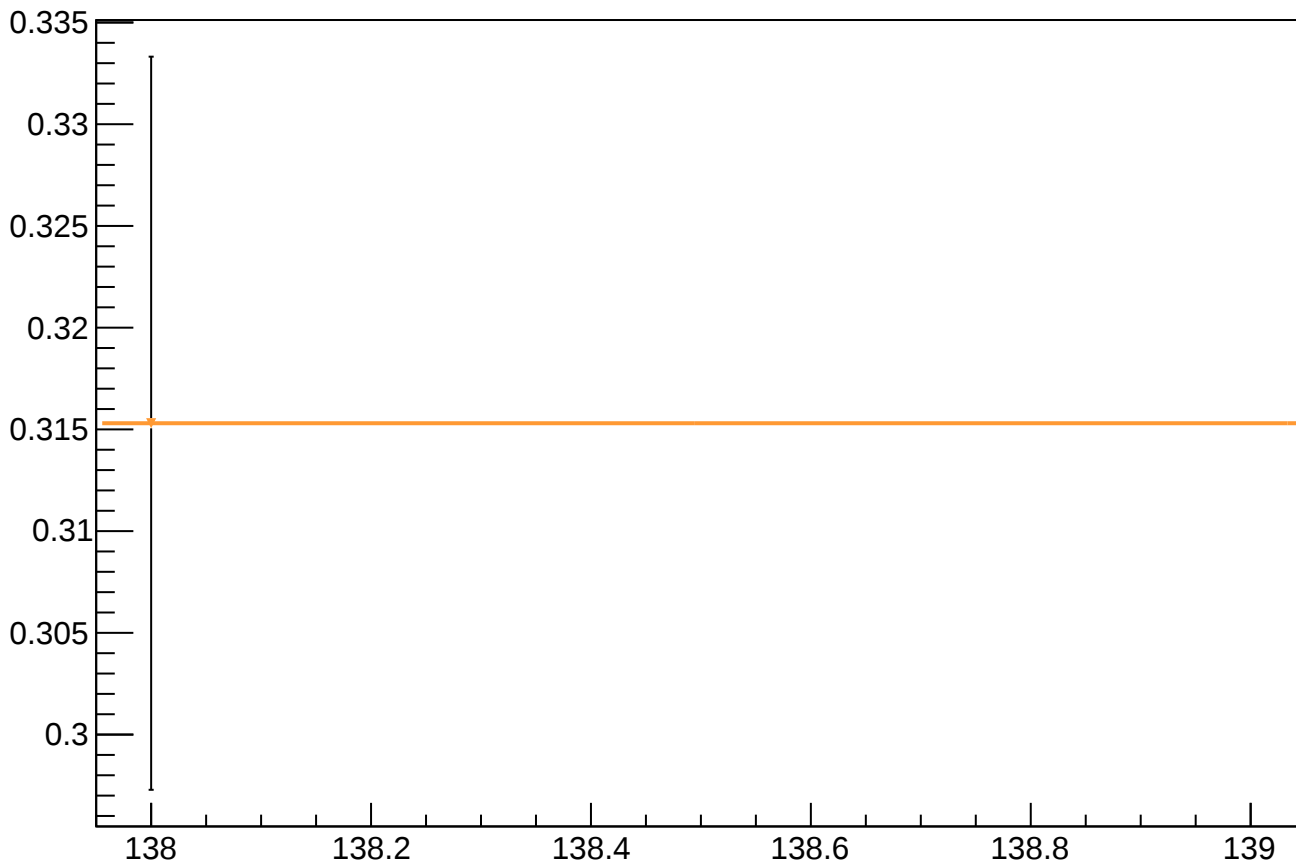
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-50.248 ± 0.492 χ^2/NDF : 0.0/0

-50.248 ± 0.492 χ^2/NDF : 0.0/0

0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.315 $\pm$ 0.018 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

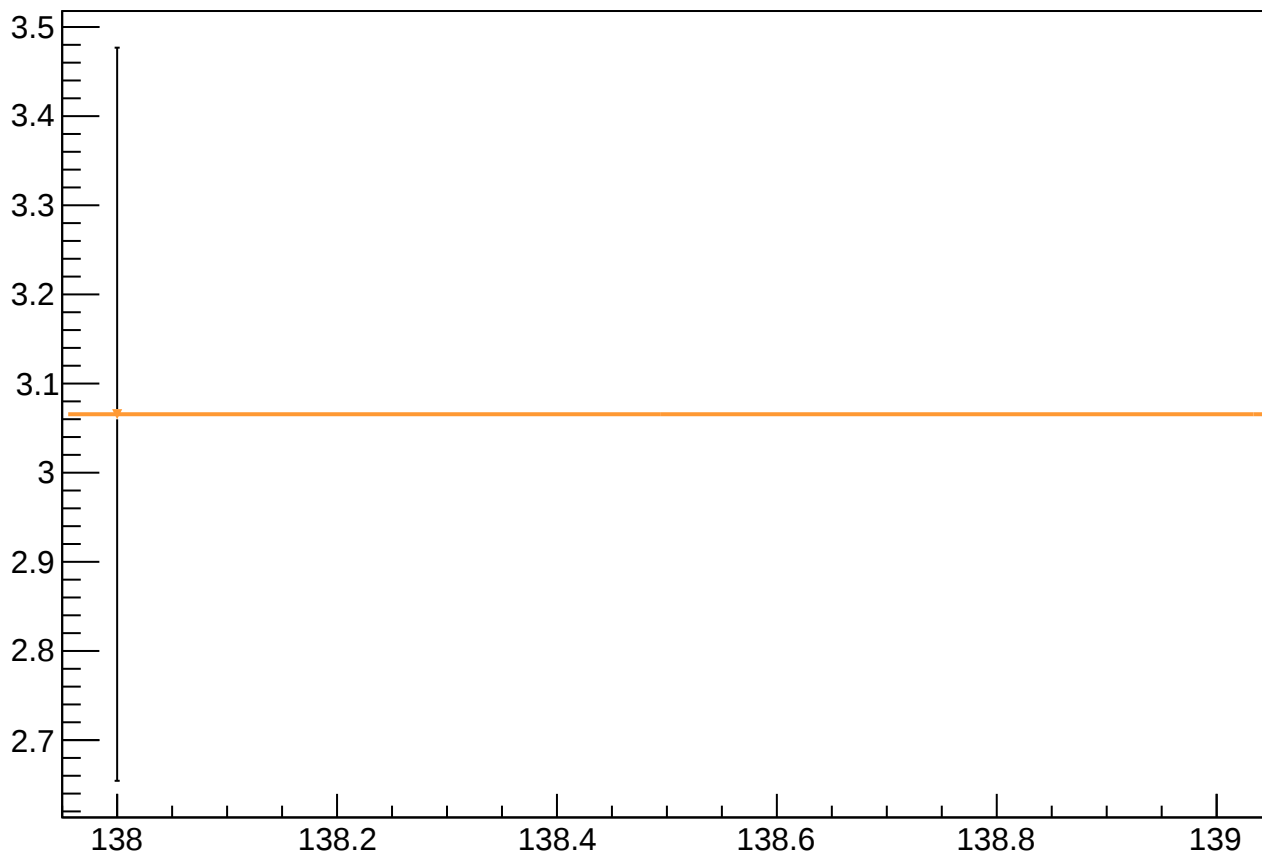
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.315 $\pm$ 0.018 χ^2 /NDF: 0.0/0

0.315 $\pm$ 0.018 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 3.066+/-0.411 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

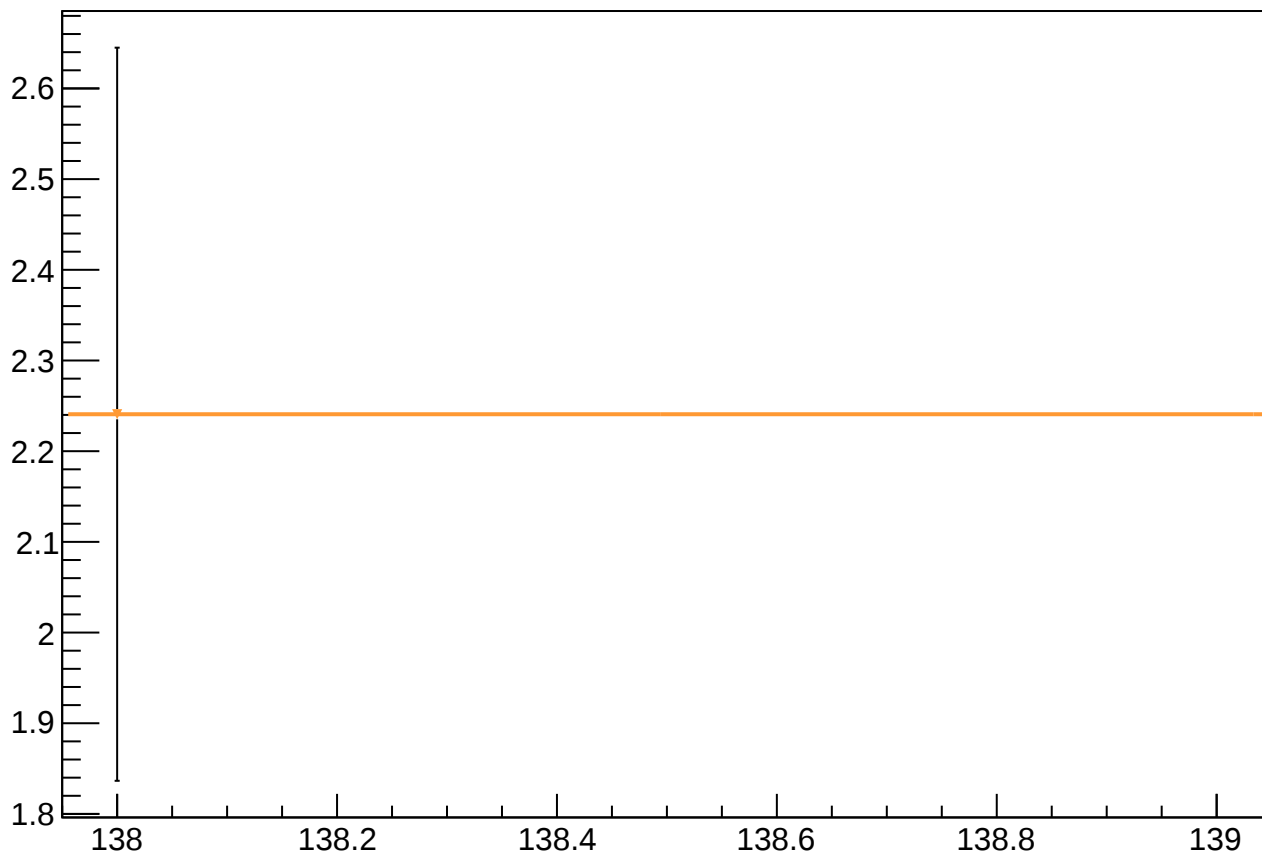
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.066+/-0.411 χ^2/NDF : 0.0/0

3.066+/-0.411 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2.241+/-0.404 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

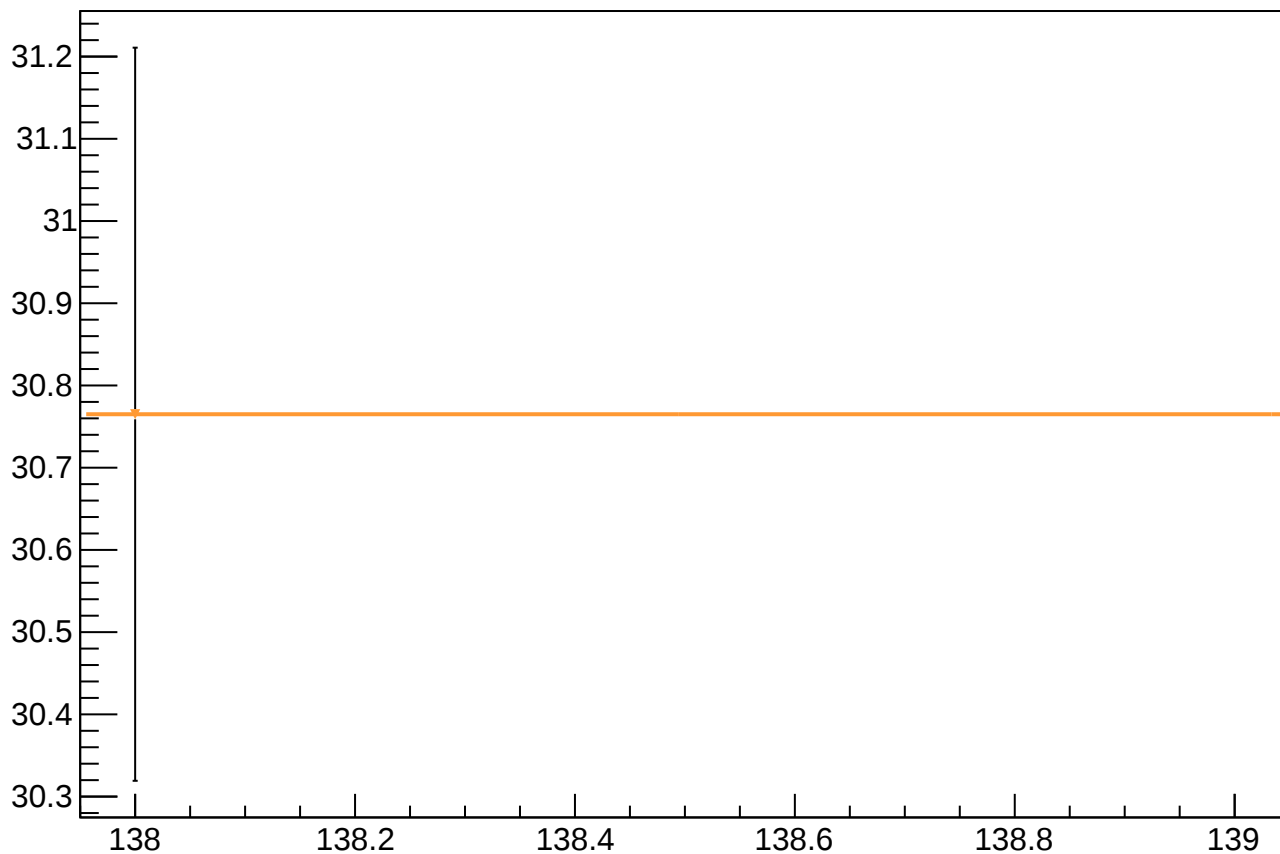
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.241+/-0.404 χ^2/NDF : 0.0/0

2.241+/-0.404 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 30.765+/-0.446 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

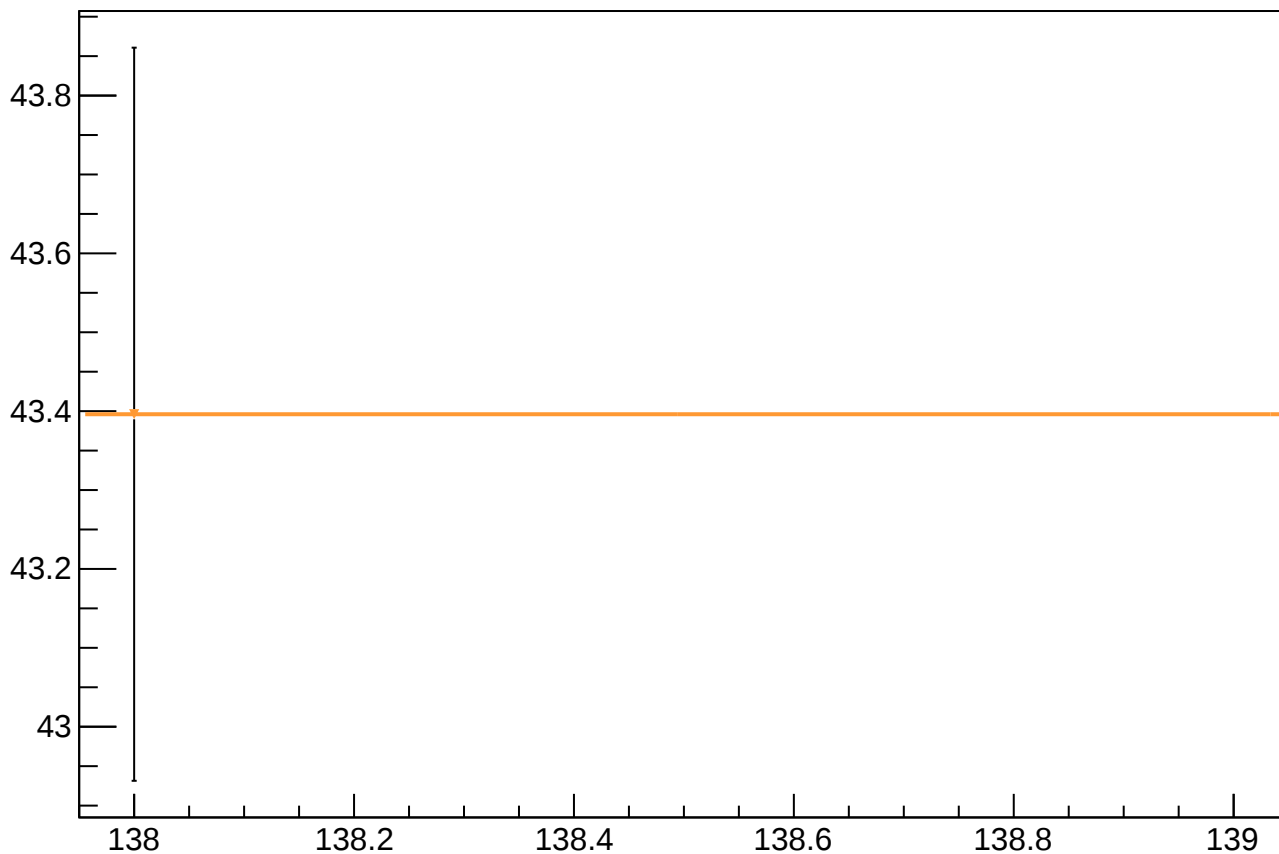
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

30.765+/-0.446 χ^2/NDF : 0.0/0

30.765+/-0.446 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 43.396+/-0.465 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

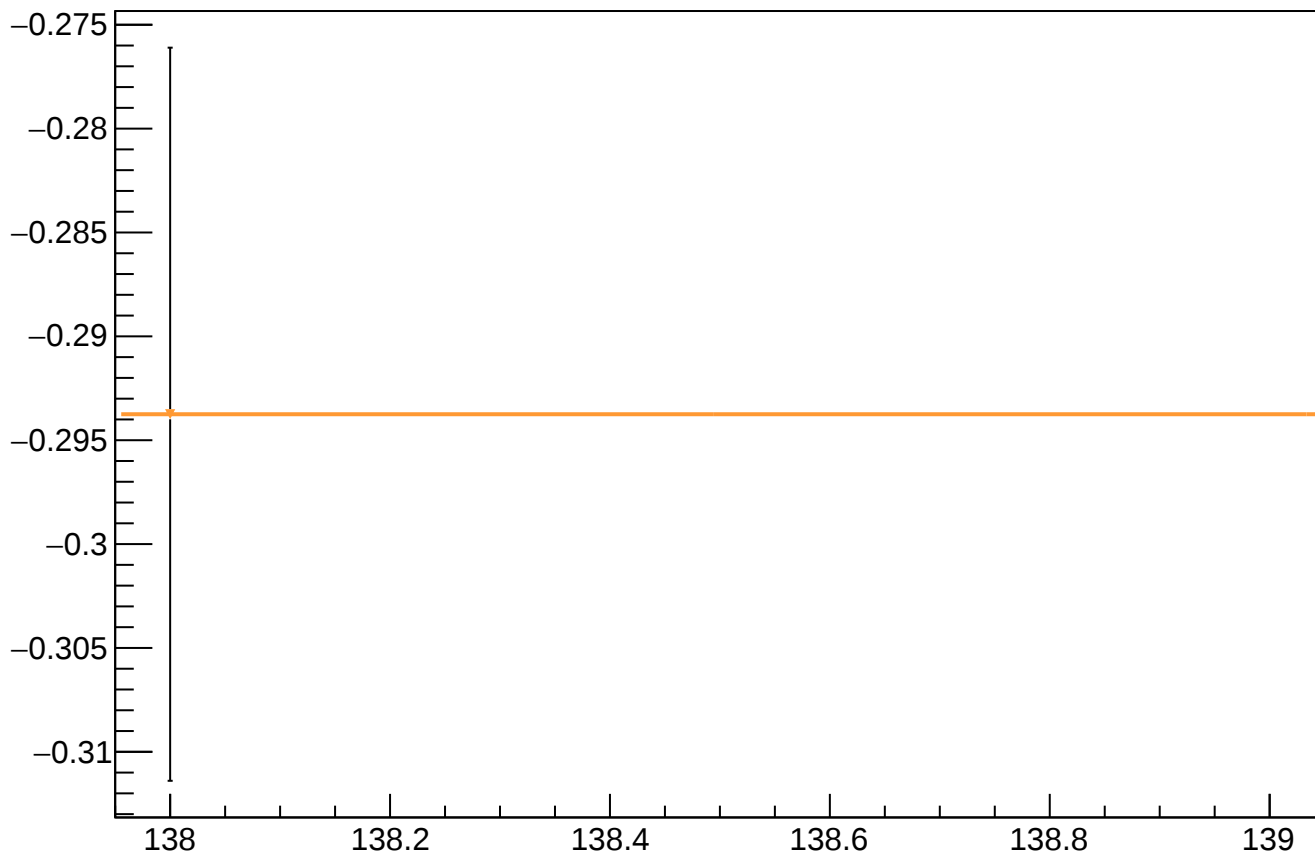
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

43.396+/-0.465 χ^2/NDF : 0.0/0

43.396+/-0.465 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.294+/-0.018 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

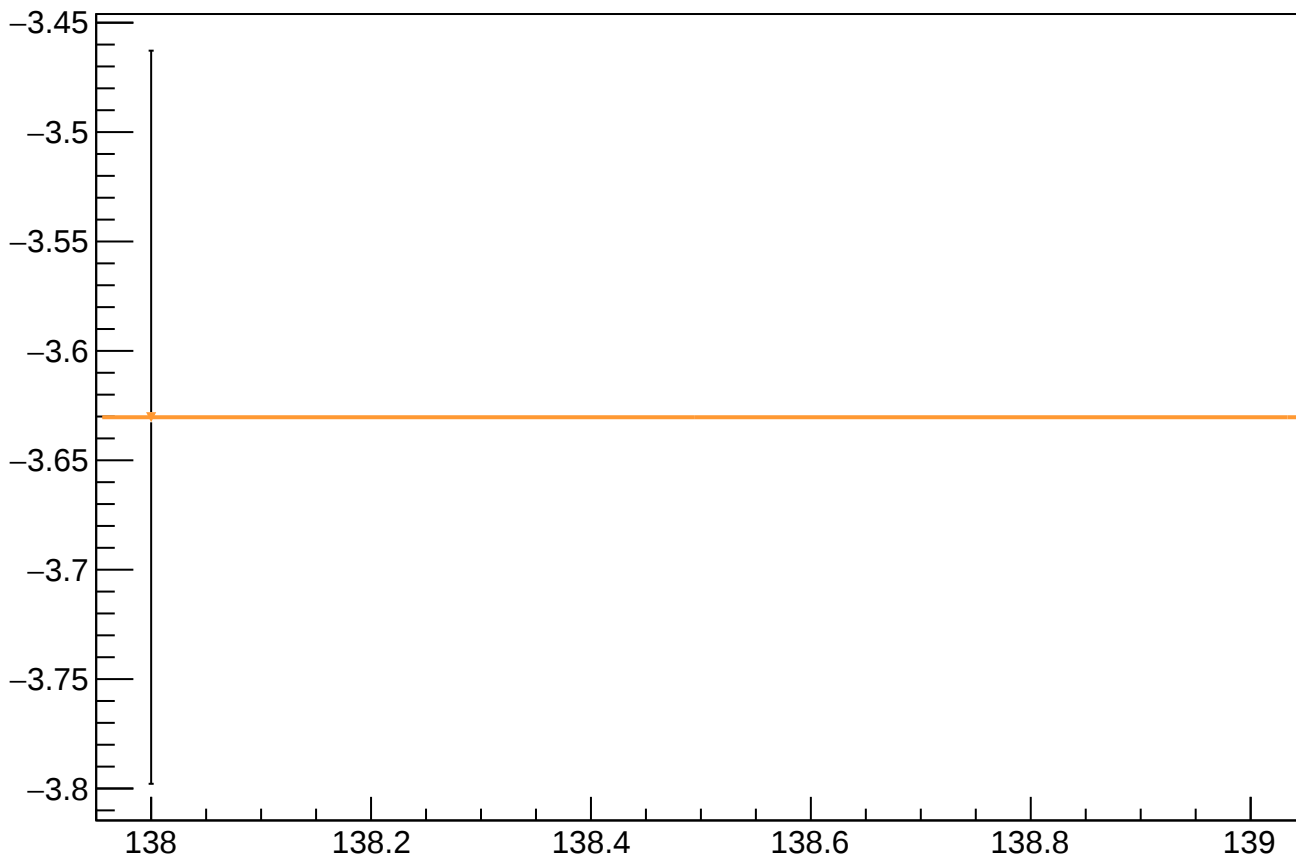
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.294+/-0.018 χ^2/NDF : 0.0/0

-0.294+/-0.018 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -3.630+/-0.168 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

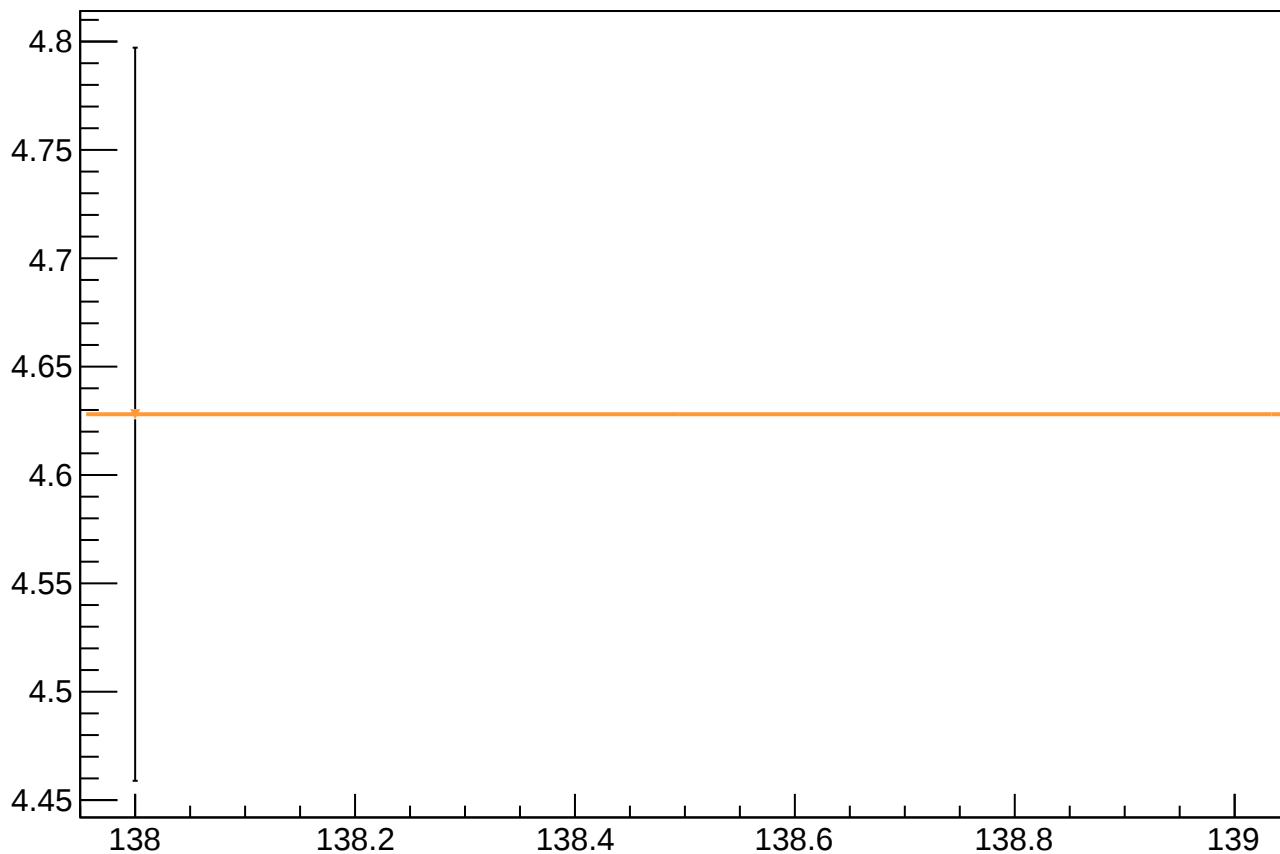
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.630+/-0.168 χ^2/NDF : 0.0/0

-3.630+/-0.168 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 4.628 $\pm$ 0.169 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

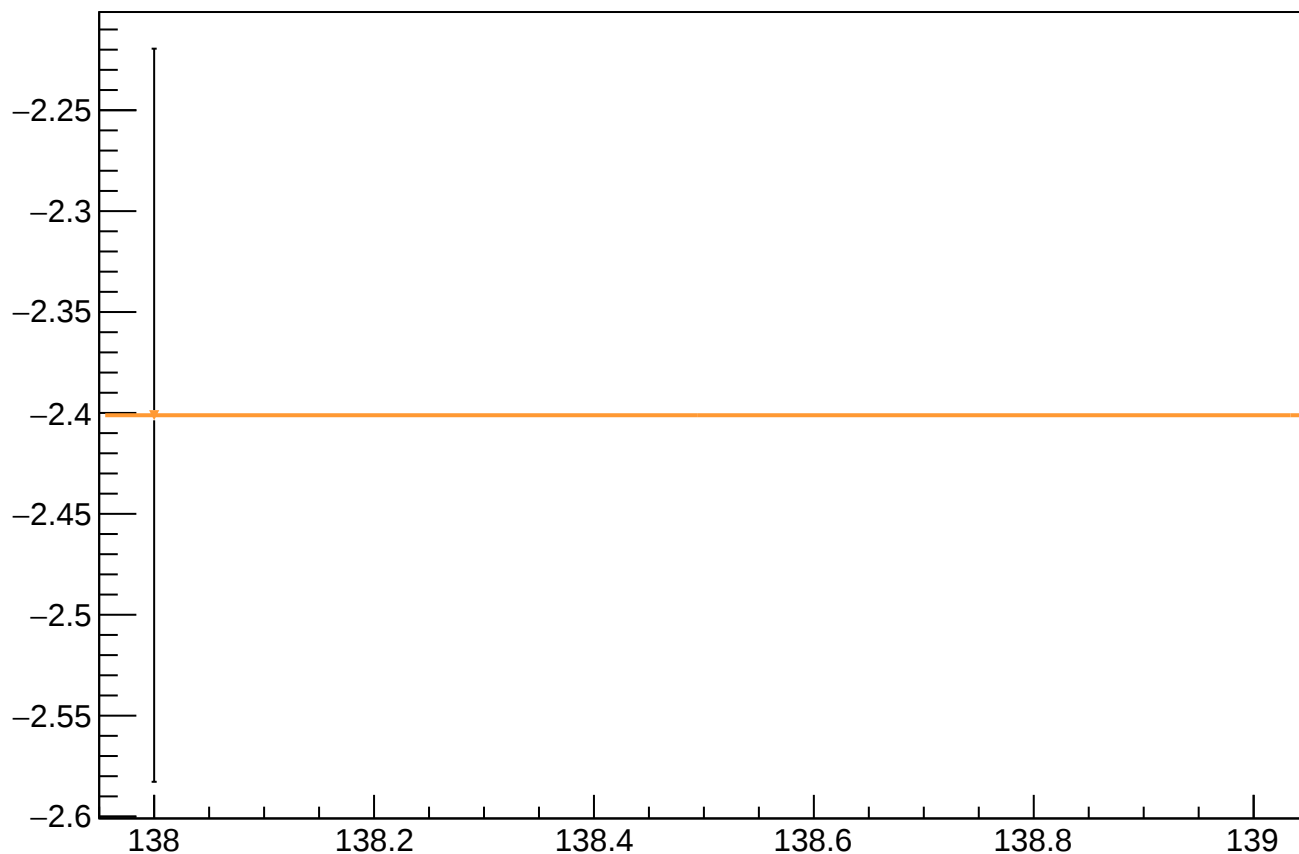
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

4.628 $\pm$ 0.169 χ^2 /NDF: 0.0/0

4.628 $\pm$ 0.169 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2.401+/-0.182 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

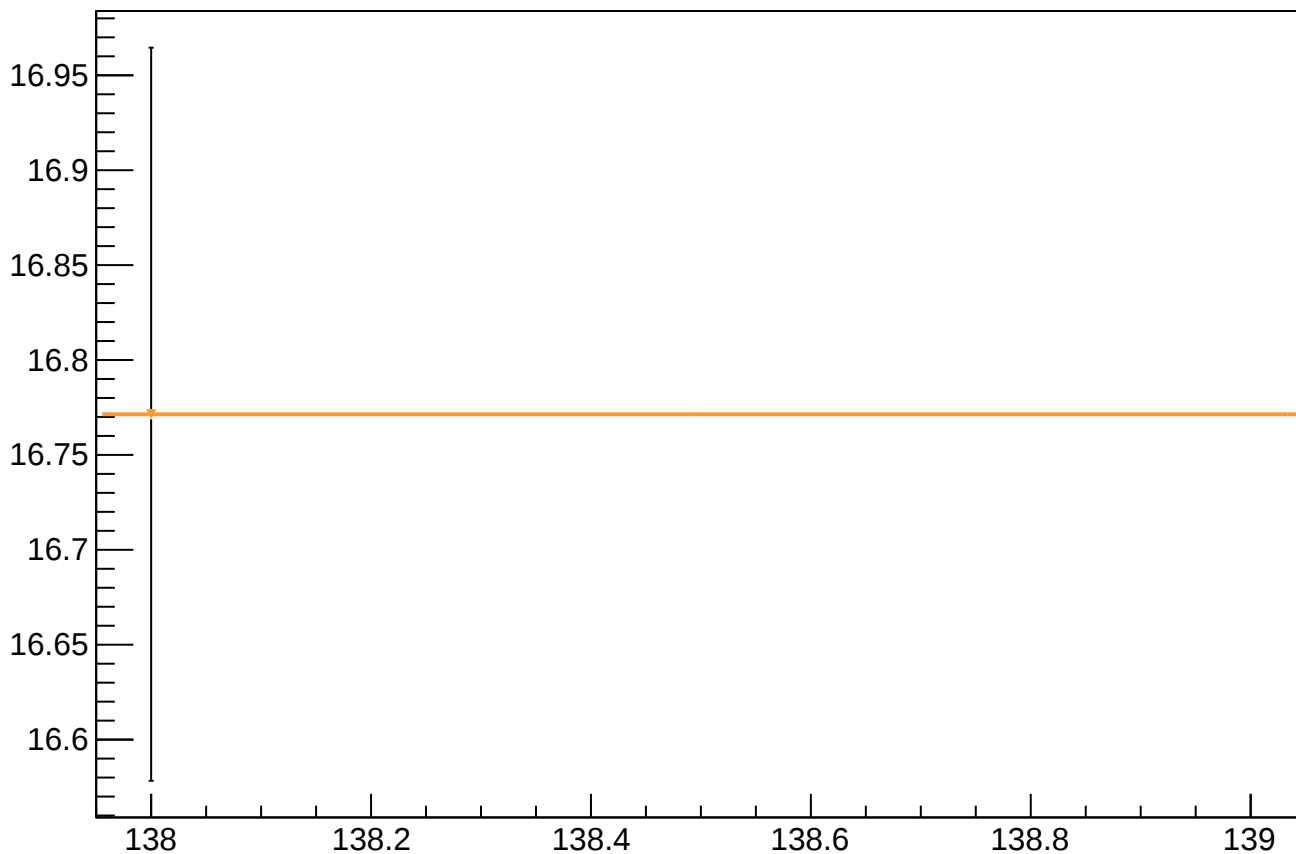
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.401+/-0.182 χ^2/NDF : 0.0/0

-2.401+/-0.182 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 16.771+/-0.193 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

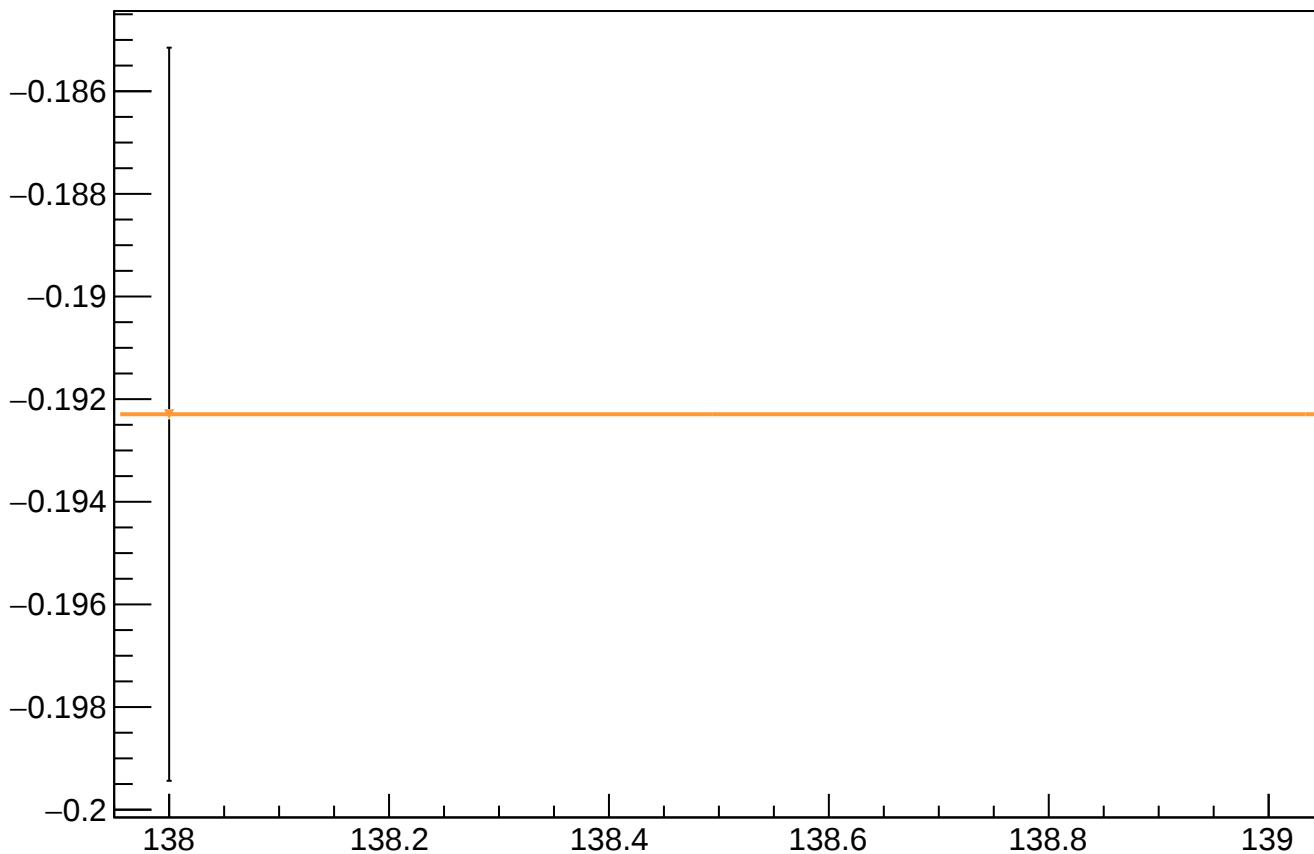
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

16.771+/-0.193 χ^2/NDF : 0.0/0

16.771+/-0.193 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.192+/-0.007 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

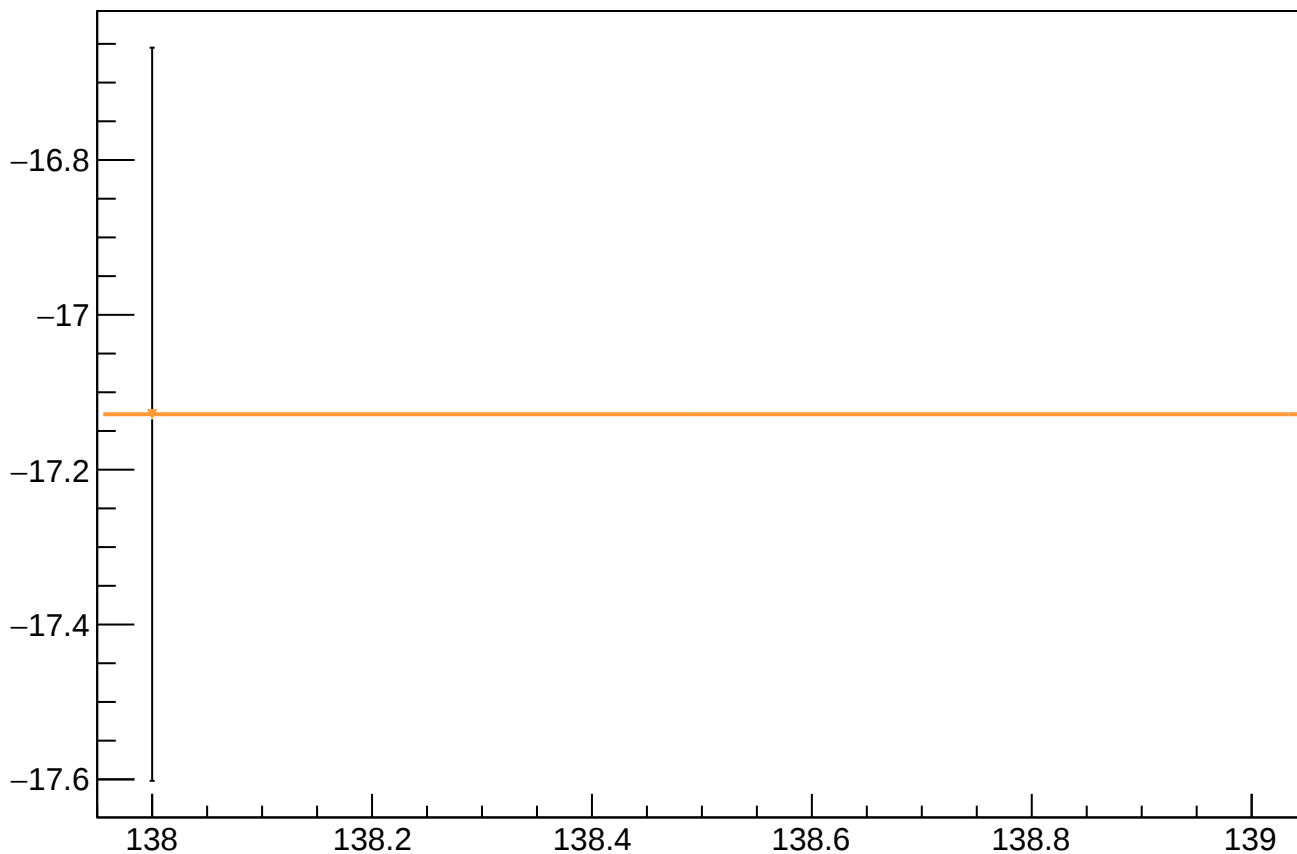
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.192+/-0.007 χ^2/NDF : 0.0/0

-0.192+/-0.007 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -17.128+/-0.473 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

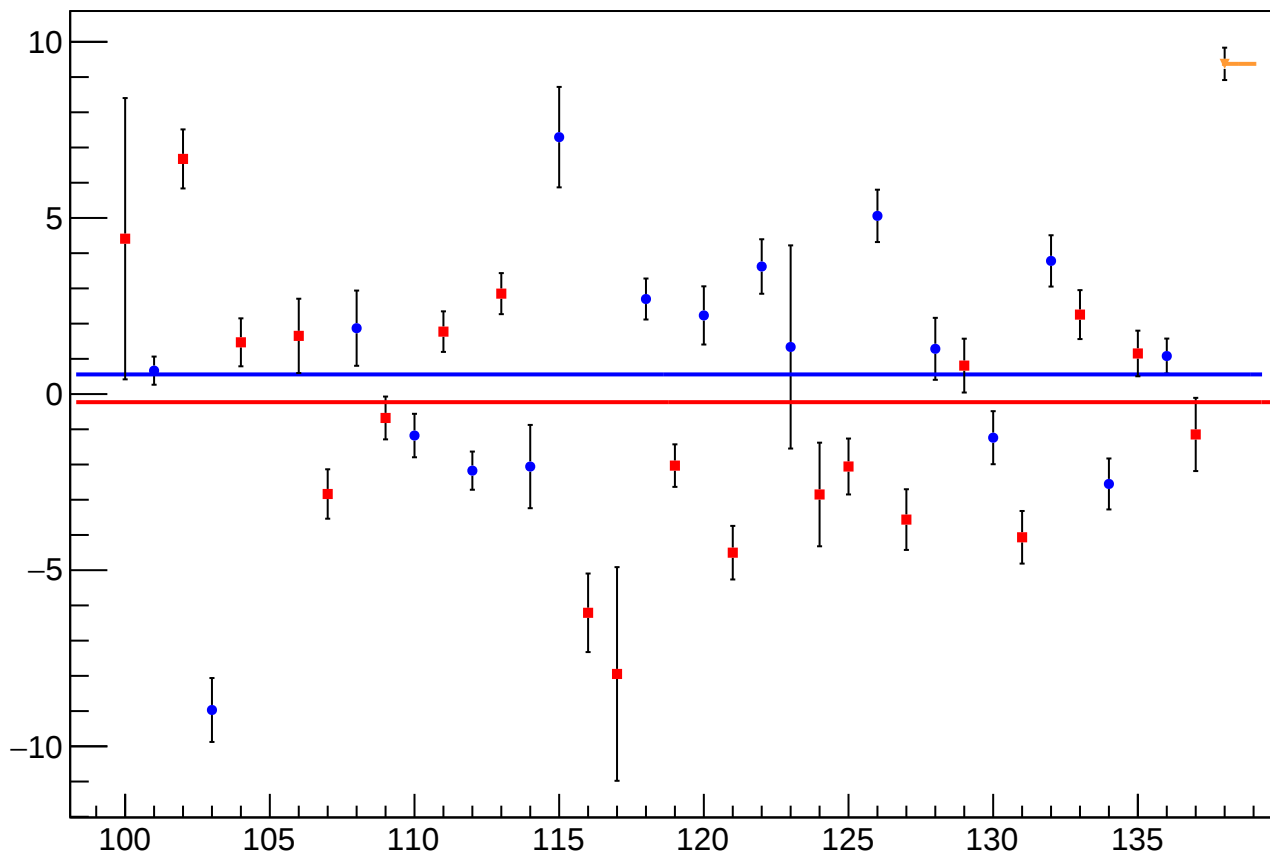
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-17.128+/-0.473 χ^2/NDF : 0.0/0

-17.128+/-0.473 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.558 ± 0.170 χ^2/NDF : 287.9/16

Left Out: 9.375 ± 0.459 χ^2/NDF : 0.0/0

Right Out: -0.230 ± 0.174 χ^2/NDF : 278.5/19

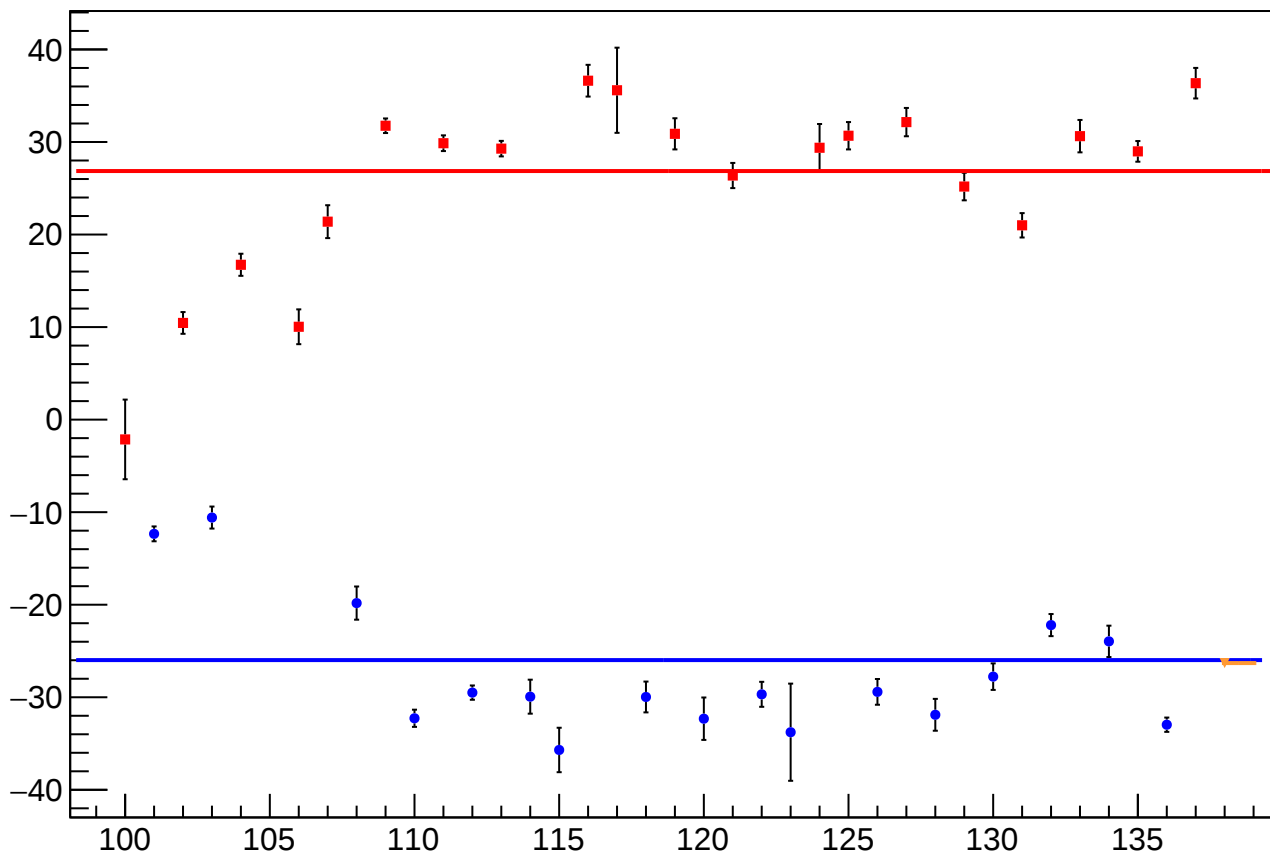
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1.621 ± 0.160 χ^2/NDF : 611.8/17

0.777 ± 0.118 χ^2/NDF : 951.6/37

-0.230 ± 0.174 χ^2/NDF : 278.5/19

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.984 $\pm$ 0.300 χ^2 /NDF: 691.5/16

Left Out: -26.306 $\pm$ 0.513 χ^2 /NDF: 0.0/0

Right Out: 26.861 $\pm$ 0.297 χ^2 /NDF: 585.2/19

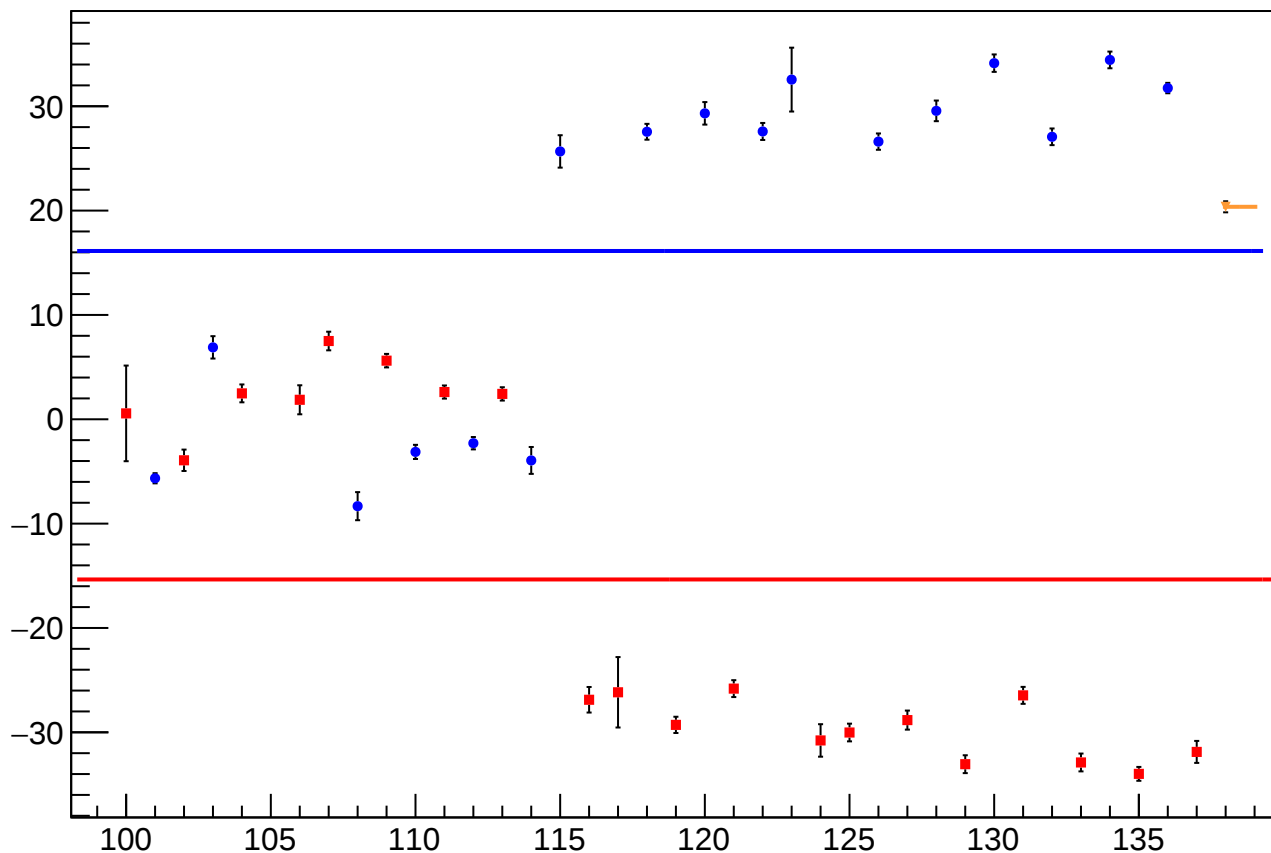
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-26.066 $\pm$ 0.259 χ^2 /NDF: 691.8/17

-3.178 $\pm$ 0.195 χ^2 /NDF: 19298.8/37

26.861 $\pm$ 0.297 χ^2 /NDF: 585.2/19

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.129 ± 0.192 χ^2/NDF : 7572.5/16

Left Out: 20.364 ± 0.530 χ^2/NDF : 0.0/0

Right Out: -15.352 ± 0.197 χ^2/NDF : 7288.4/19

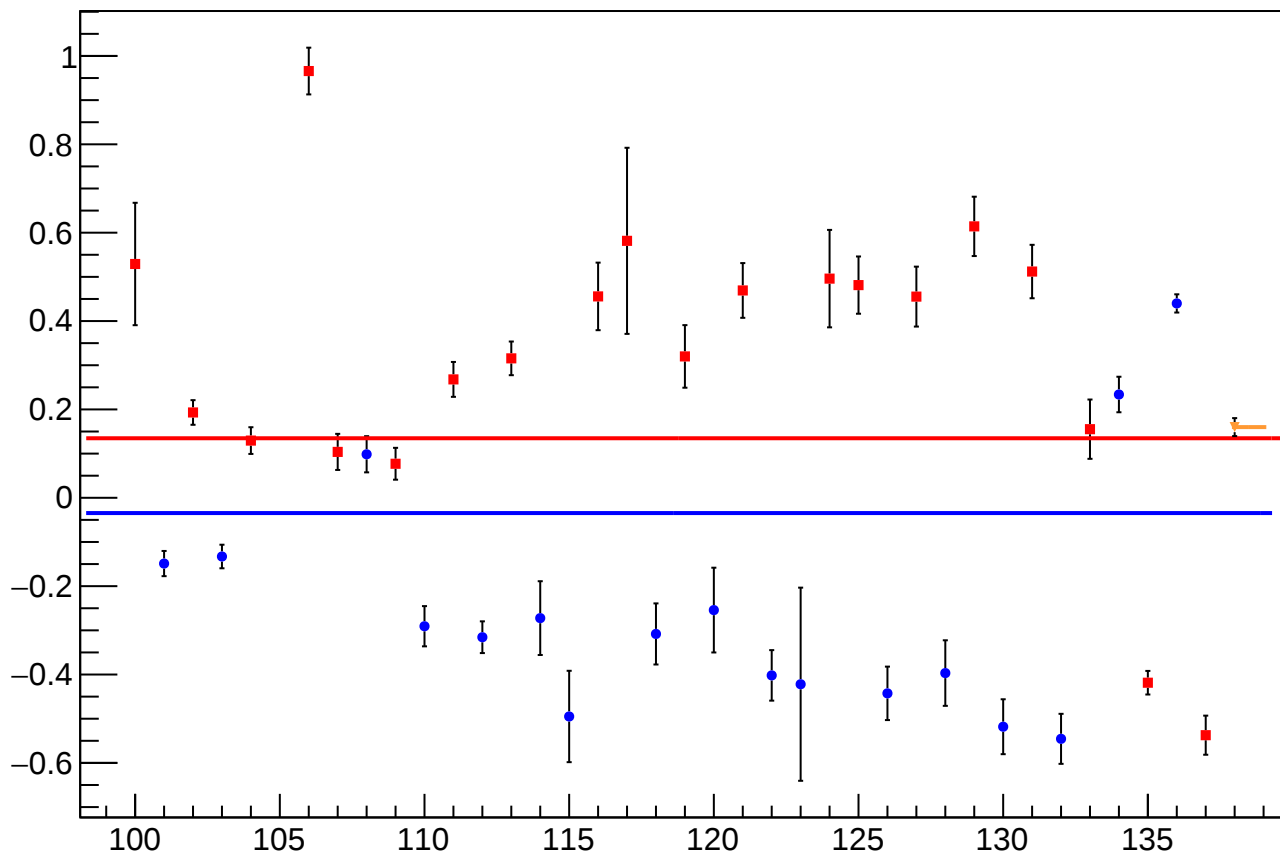
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

16.620 ± 0.181 χ^2/NDF : 7628.9/17

1.997 ± 0.133 χ^2/NDF : 29254.1/37

-15.352 ± 0.197 χ^2/NDF : 7288.4/19

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.035+/-0.010 χ^2 /NDF: 1011.6/16

Left Out: 0.160+/-0.020 χ^2 /NDF:0.0/0

Right Out: 0.135+/-0.010 χ^2 /NDF: 1166.4/19

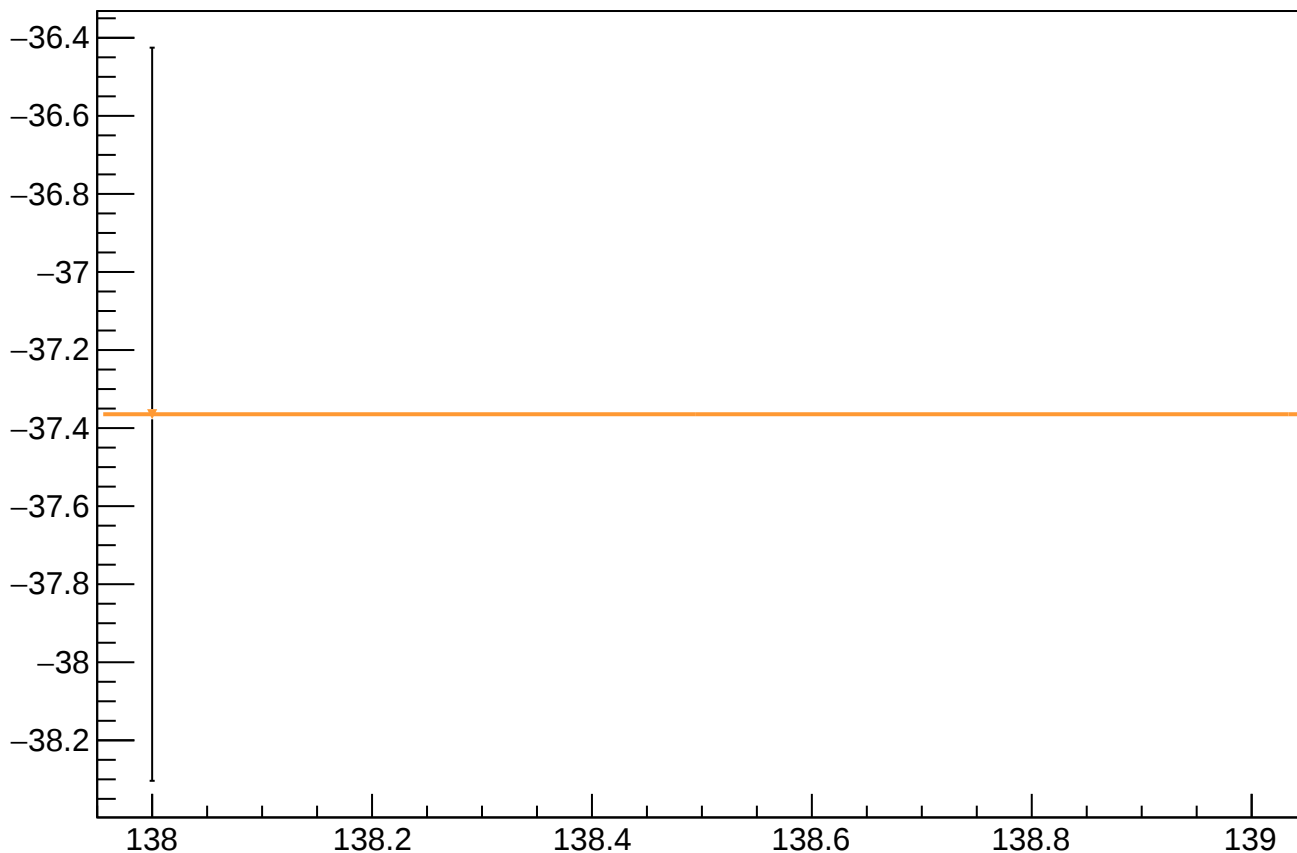
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.005+/-0.009 χ^2 /NDF: 1084.3/17

0.062+/-0.007 χ^2 /NDF: 2337.8/37

0.135+/-0.010 χ^2 /NDF: 1166.4/19

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -37.364+/-0.939 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

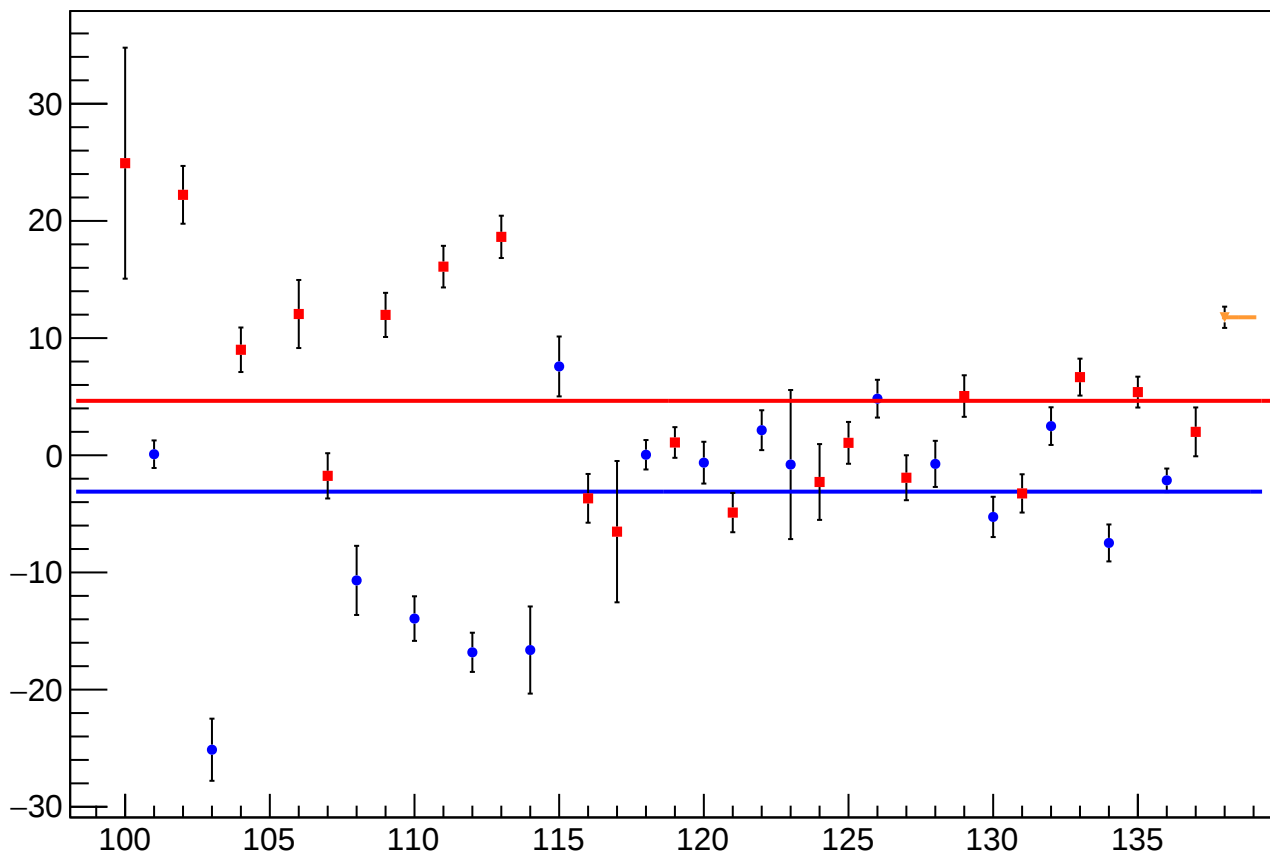
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-37.364+/-0.939 χ^2/NDF : 0.0/0

-37.364+/-0.939 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.104+/-0.411 χ^2/NDF : 279.1/16

Left Out: 11.776+/-0.907 χ^2/NDF : 0.0/0

Right Out: 4.645+/-0.425 χ^2/NDF : 301.1/19

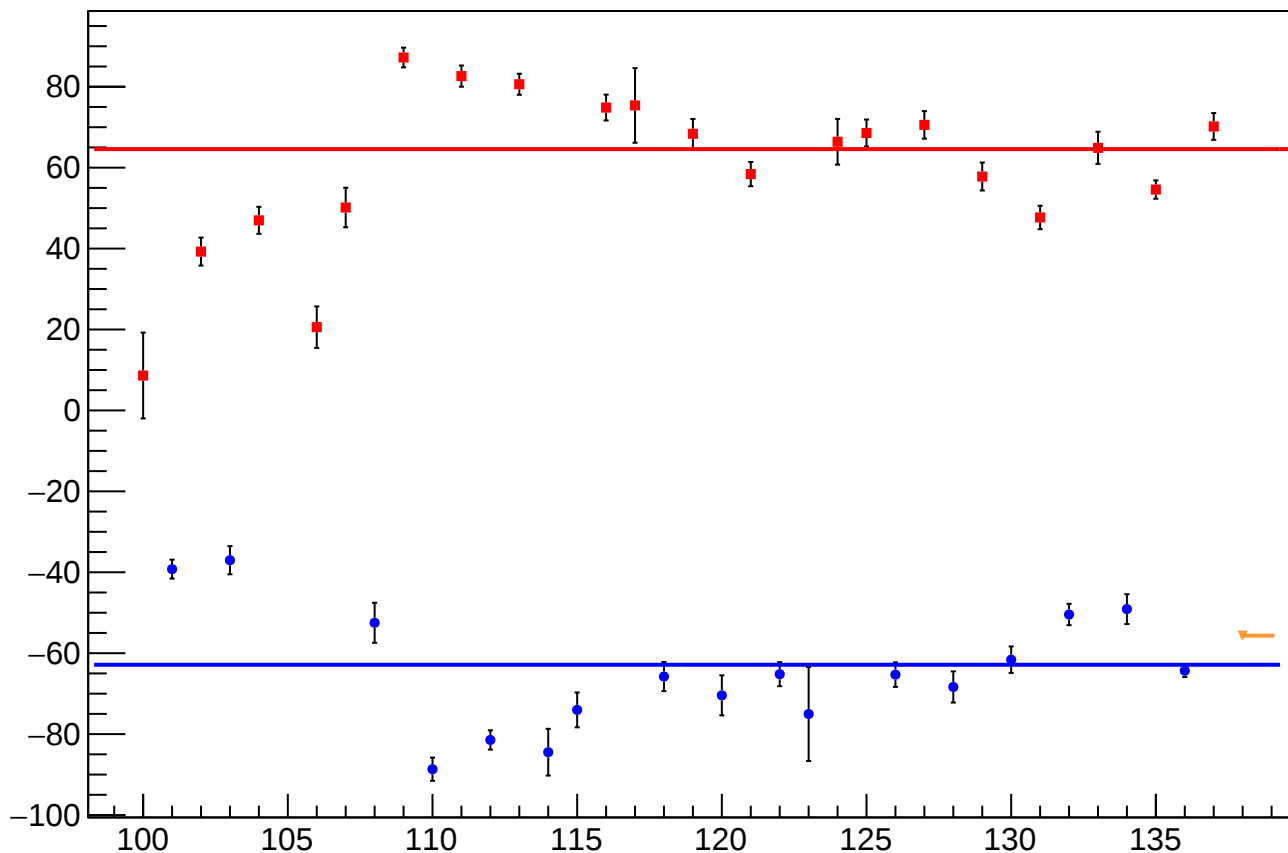
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.567+/-0.374 χ^2/NDF : 502.6/17

1.708+/-0.281 χ^2/NDF : 888.2/37

4.645+/-0.425 χ^2/NDF : 301.1/19

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.863+/-0.741 χ^2 /NDF: 368.7/16

Left Out: -55.661+/-1.018 χ^2 /NDF:0.0/0

Right Out: 64.588+/-0.749 χ^2 /NDF: 445.6/19

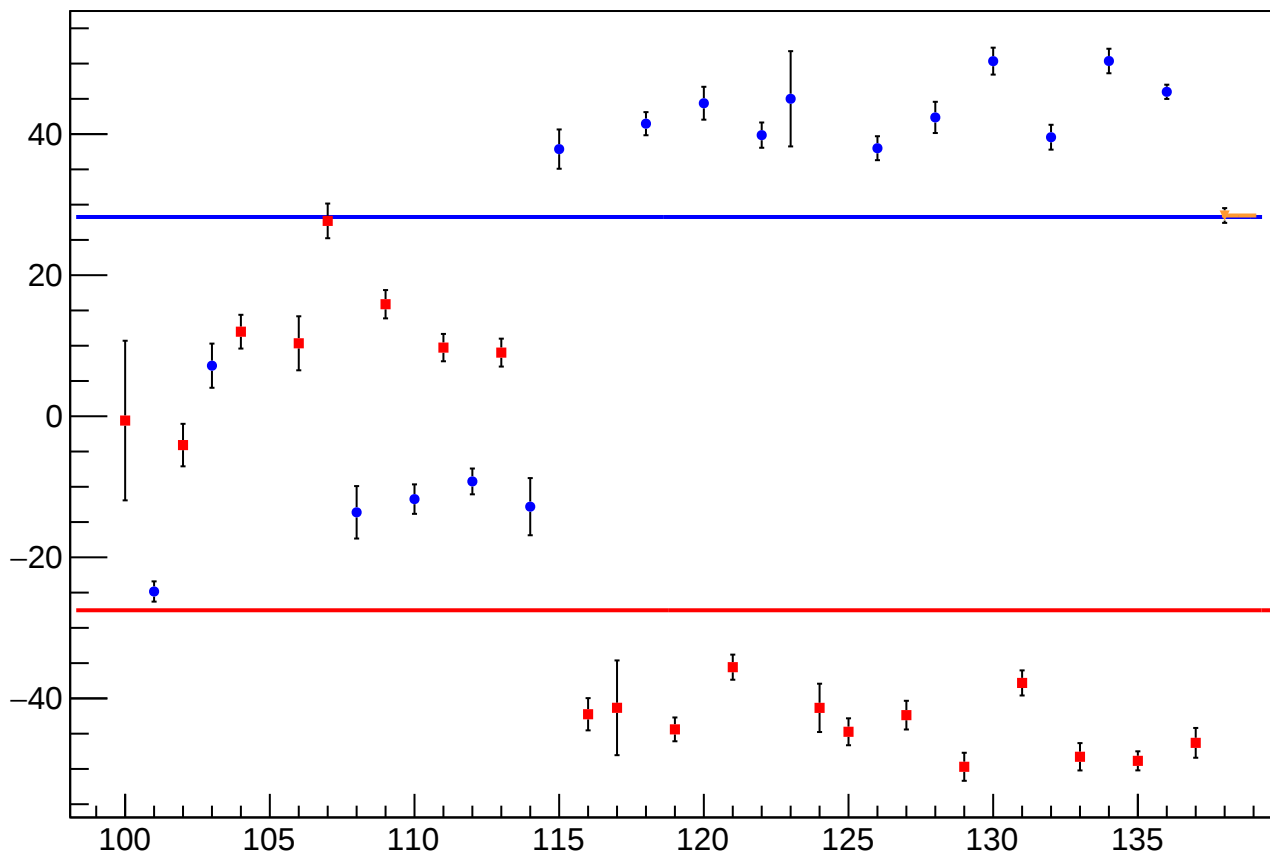
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-60.370+/-0.599 χ^2 /NDF: 401.5/17

-11.663+/-0.468 χ^2 /NDF: 17816.2/37

64.588+/-0.749 χ^2 /NDF: 445.6/19

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.250+/-0.460 χ^2 /NDF: 3319.5/16

Left Out: 28.463+/-1.048 χ^2 /NDF:0.0/0

Right Out: -27.505+/-0.478 χ^2 /NDF: 3036.7/19

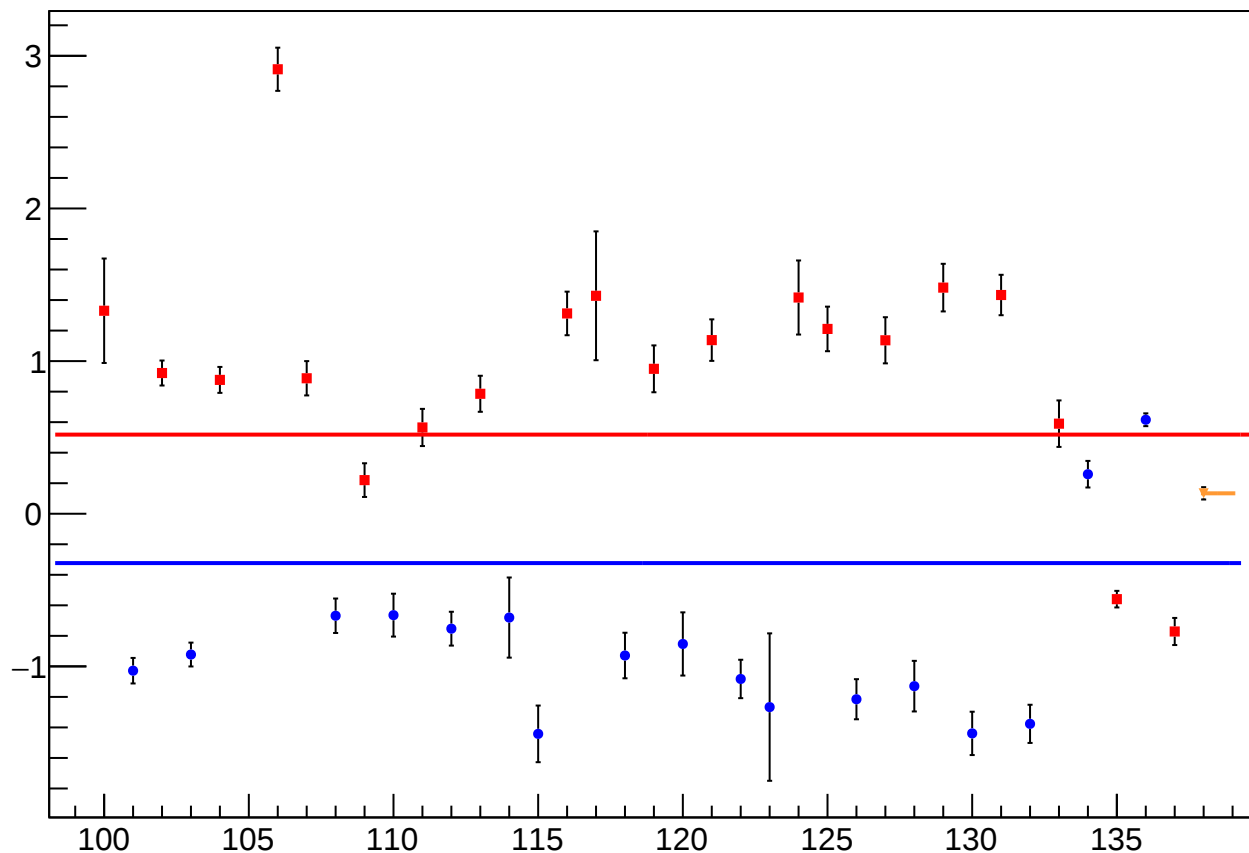
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

28.284+/-0.421 χ^2 /NDF: 3319.5/17

3.868+/-0.316 χ^2 /NDF: 14030.4/37

-27.505+/-0.478 χ^2 /NDF: 3036.7/19

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.323+/-0.025 χ^2 /NDF: 1010.8/16

Left Out: 0.134+/-0.040 χ^2 /NDF:0.0/0

Right Out: 0.518+/-0.026 χ^2 /NDF: 1165.5/19

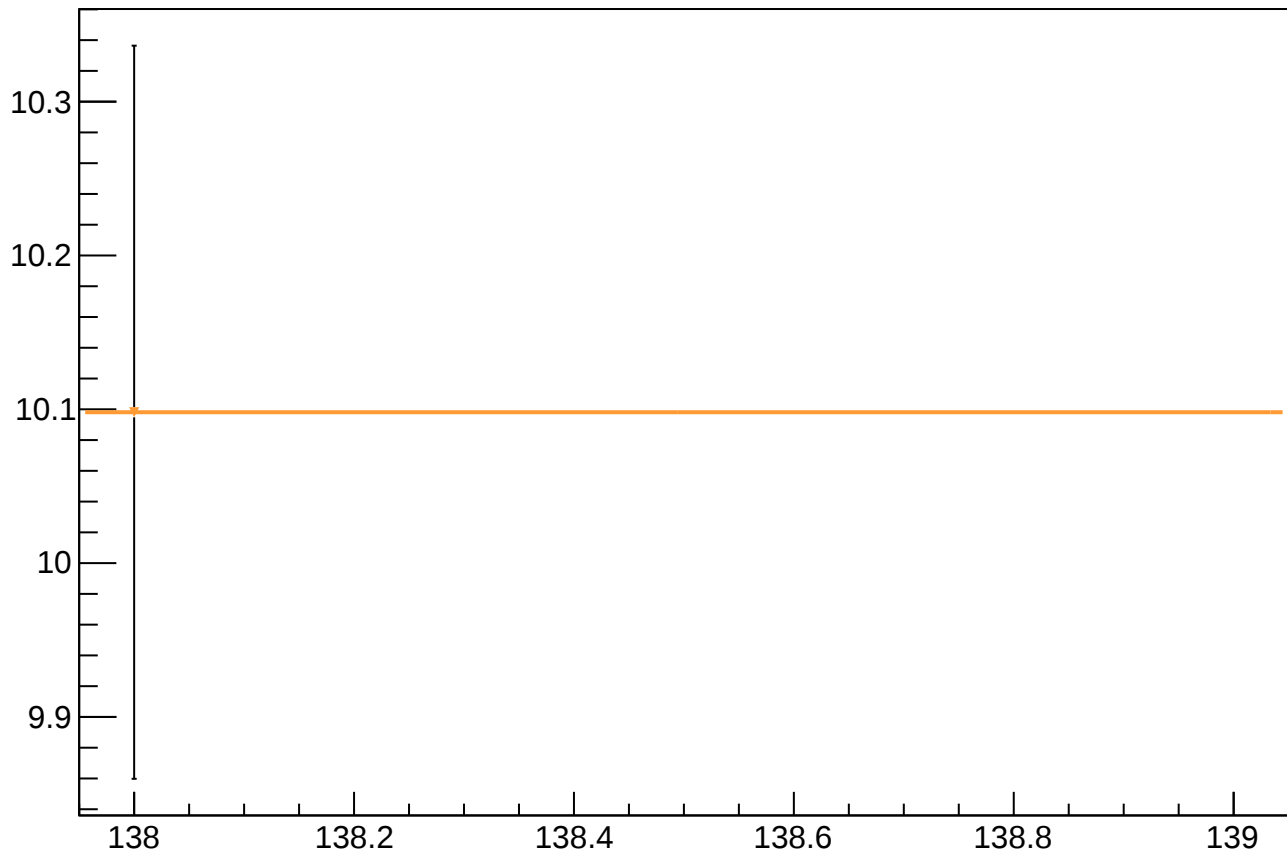
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.197+/-0.021 χ^2 /NDF: 1103.3/17

0.093+/-0.016 χ^2 /NDF: 2729.4/37

0.518+/-0.026 χ^2 /NDF: 1165.5/19

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 10.098+/-0.238 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

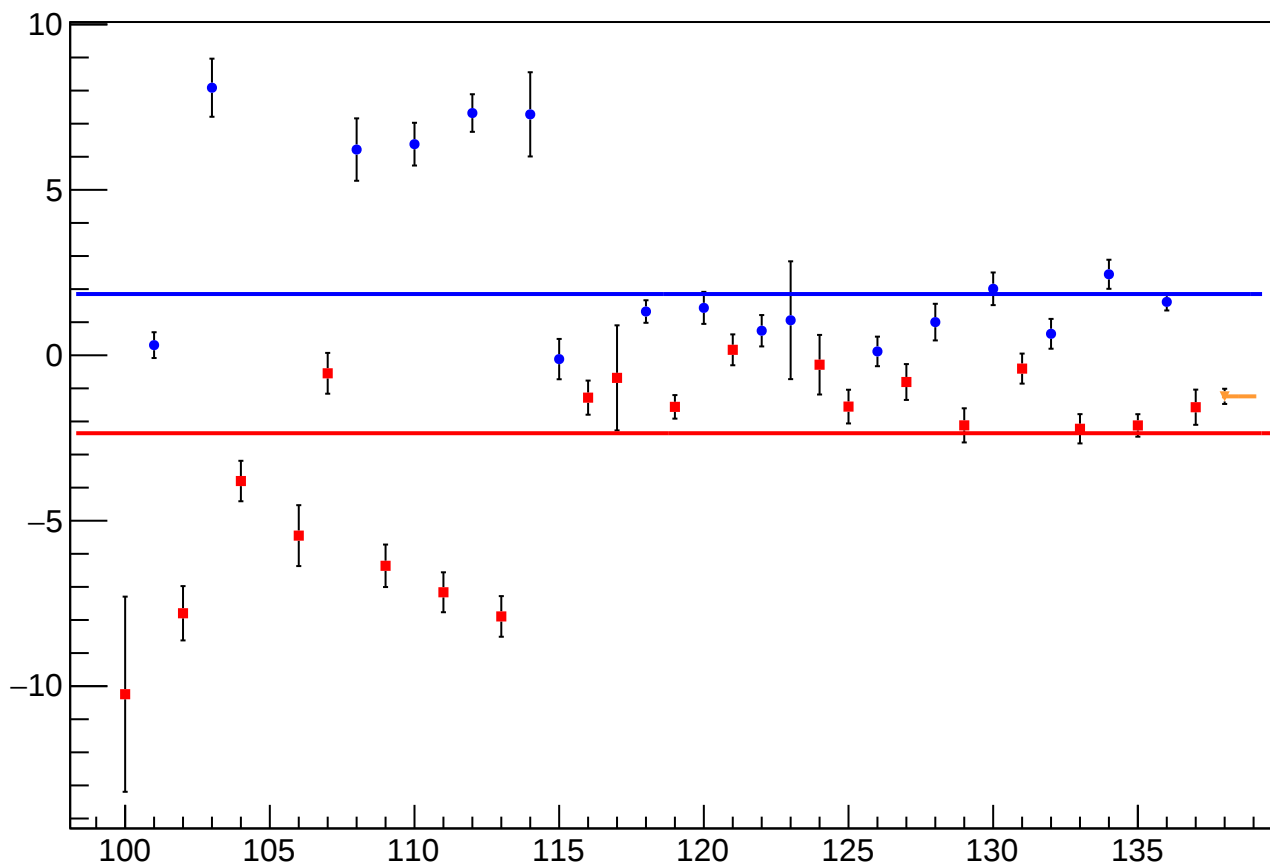
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.098+/-0.238 χ^2/NDF : 0.0/0

10.098+/-0.238 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.851 $\pm$ 0.117 χ^2 /NDF: 294.2/16

Left Out: -1.241 $\pm$ 0.230 χ^2 /NDF: 0.0/0

Right Out: -2.355 $\pm$ 0.122 χ^2 /NDF: 337.4/19

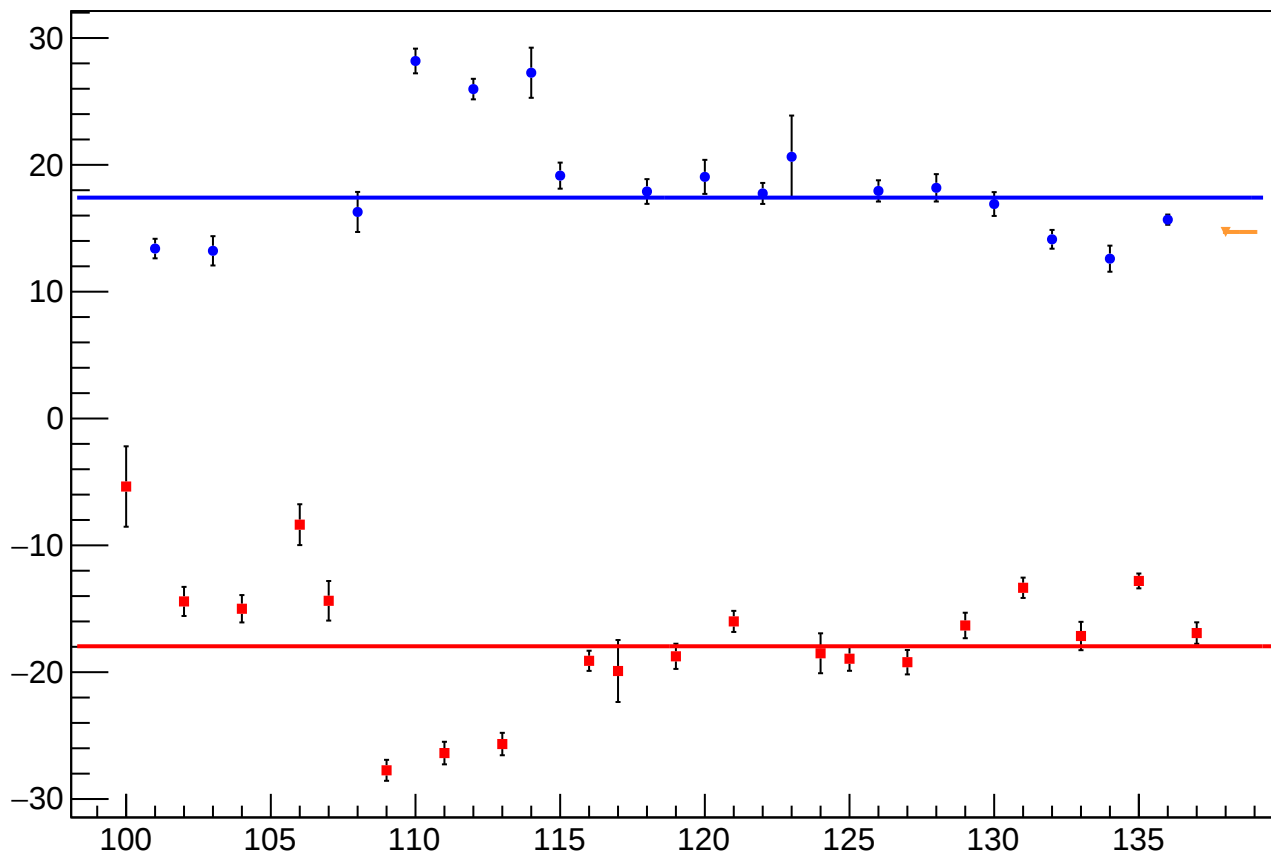
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.213 $\pm$ 0.104 χ^2 /NDF: 438.0/17

-0.292 $\pm$ 0.079 χ^2 /NDF: 1268.1/37

-2.355 $\pm$ 0.122 χ^2 /NDF: 337.4/19

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.417 $\pm$ 0.213 χ^2 /NDF: 367.0/16

Left Out: 14.708 $\pm$ 0.258 χ^2 /NDF: 0.0/0

Right Out: -17.957 $\pm$ 0.218 χ^2 /NDF: 506.2/19

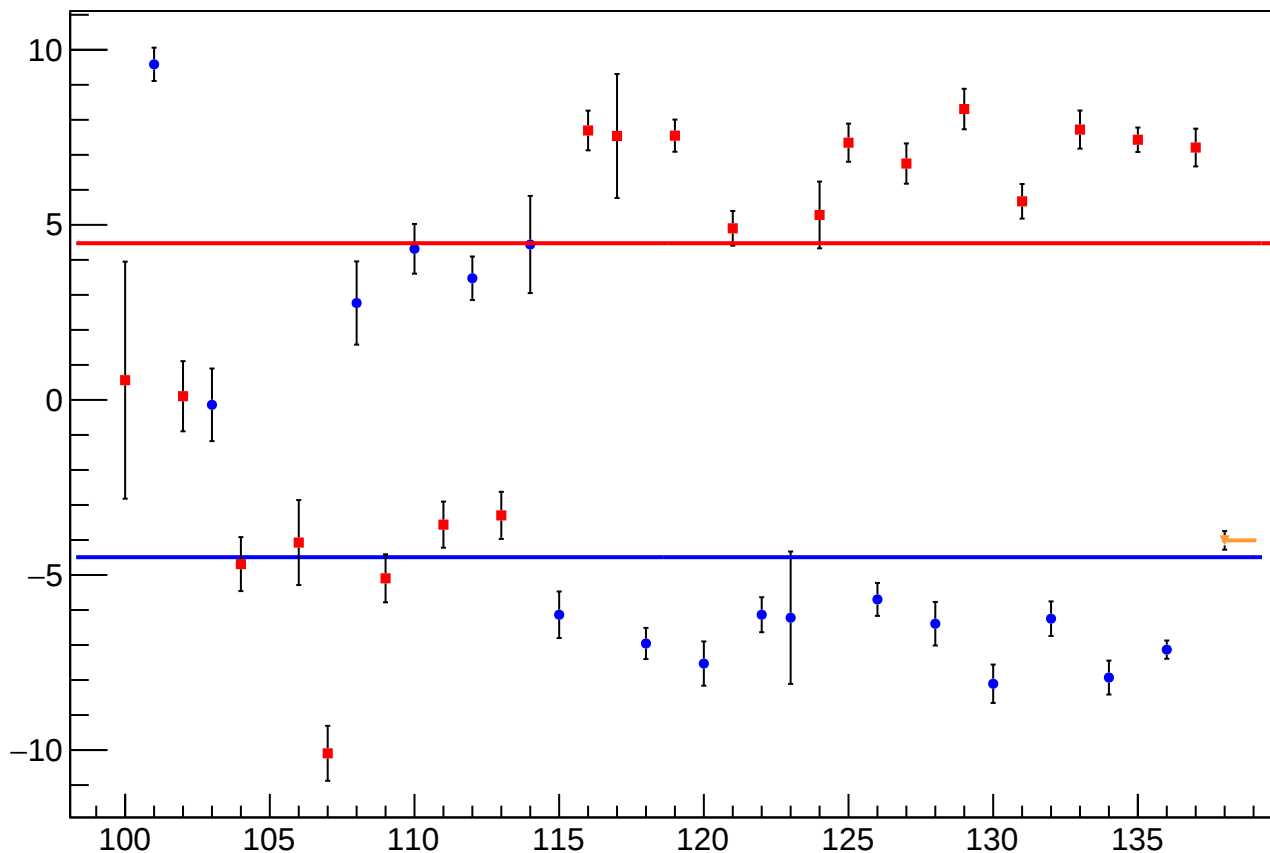
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

16.322 $\pm$ 0.164 χ^2 /NDF: 432.6/17

3.939 $\pm$ 0.131 χ^2 /NDF: 16694.8/37

-17.957 $\pm$ 0.218 χ^2 /NDF: 506.2/19

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.491 ± 0.130 χ^2/NDF : 1585.4/16

Left Out: -4.011 ± 0.266 χ^2/NDF : 0.0/0

Right Out: 4.476 ± 0.137 χ^2/NDF : 1342.0/19

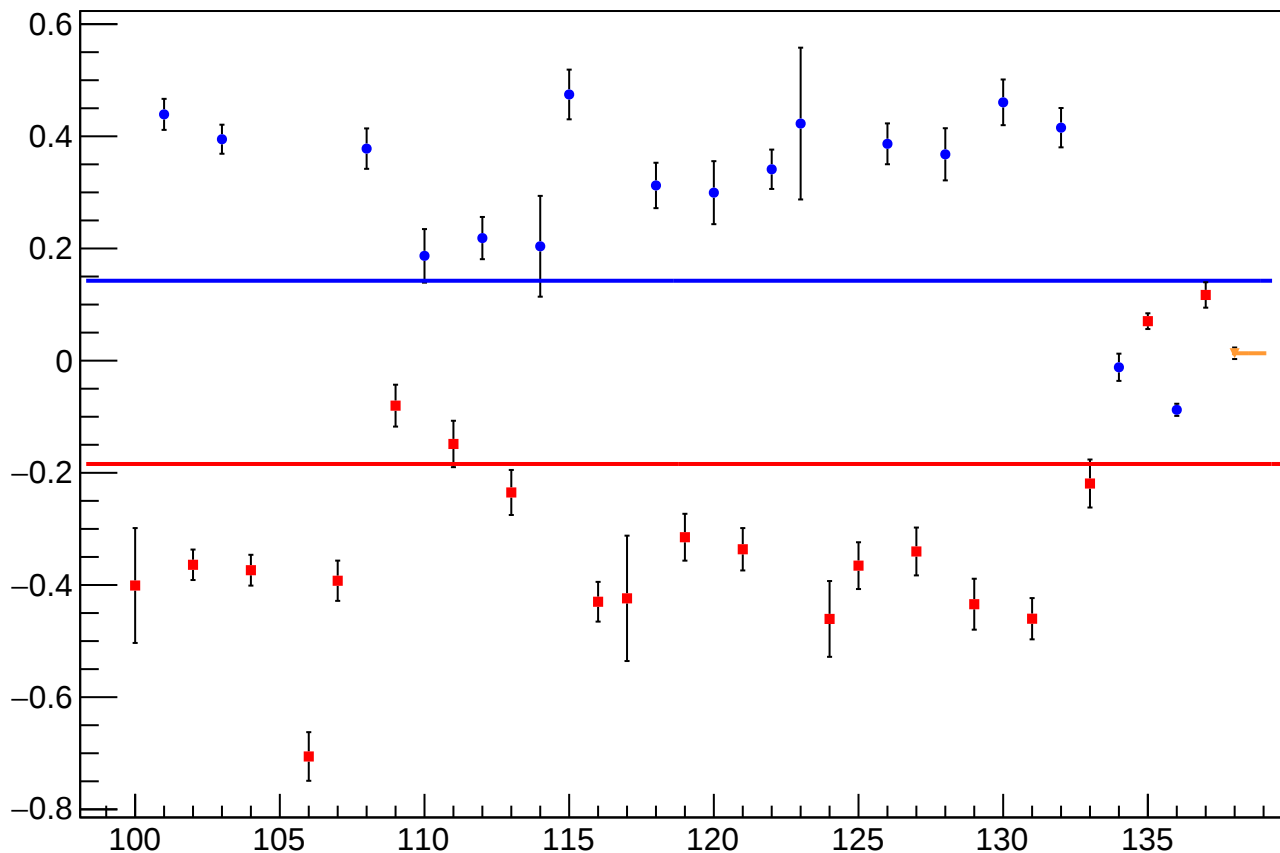
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-4.398 ± 0.117 χ^2/NDF : 1588.0/17

-0.640 ± 0.089 χ^2/NDF : 5363.1/37

4.476 ± 0.137 χ^2/NDF : 1342.0/19

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.142 ± 0.007 χ^2/NDF : 1058.8/16

Left Out: 0.013 ± 0.010 χ^2/NDF : 0.0/0

Right Out: -0.184 ± 0.007 χ^2/NDF : 1005.5/19

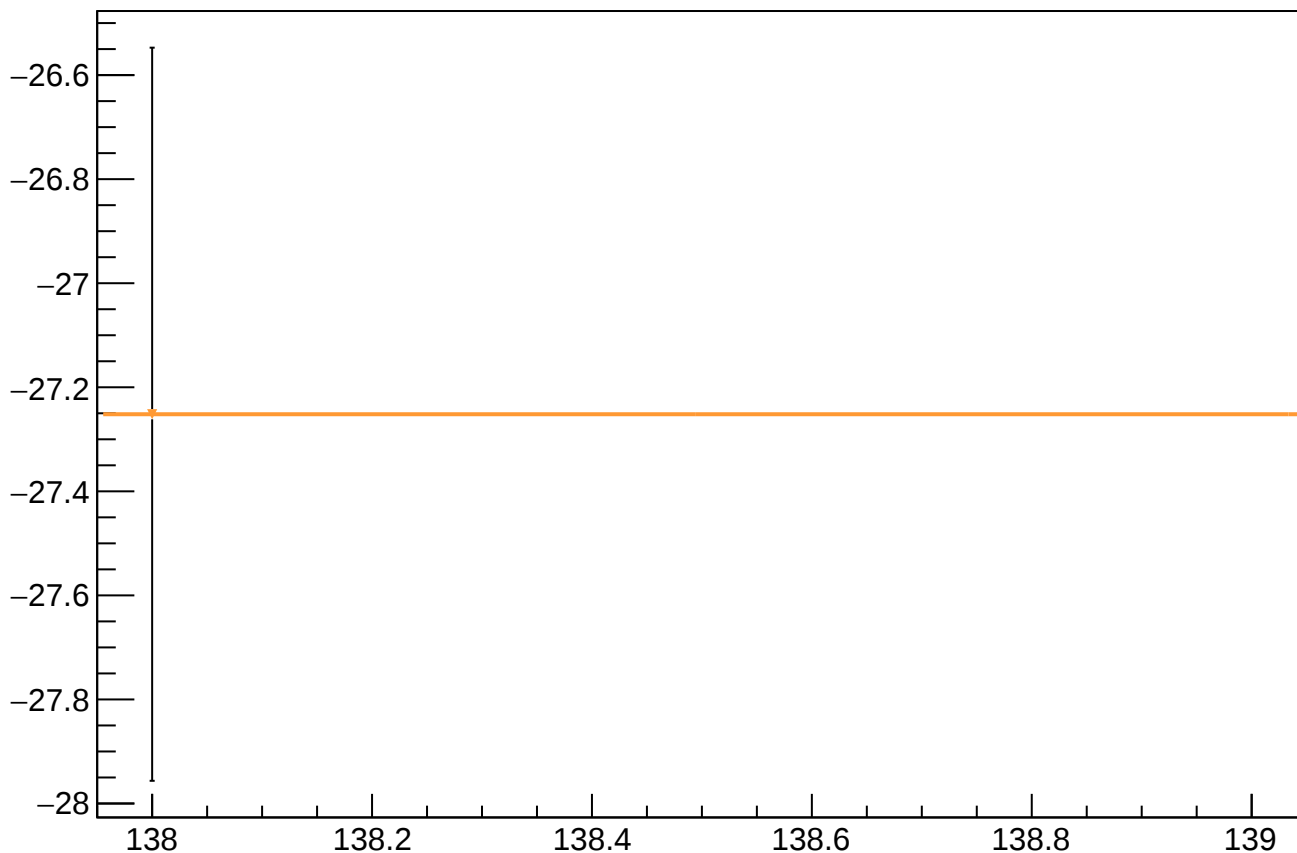
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.101 ± 0.006 χ^2/NDF : 1166.3/17

-0.008 ± 0.005 χ^2/NDF : 3089.9/37

-0.184 ± 0.007 χ^2/NDF : 1005.5/19

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -27.252 ± 0.705 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

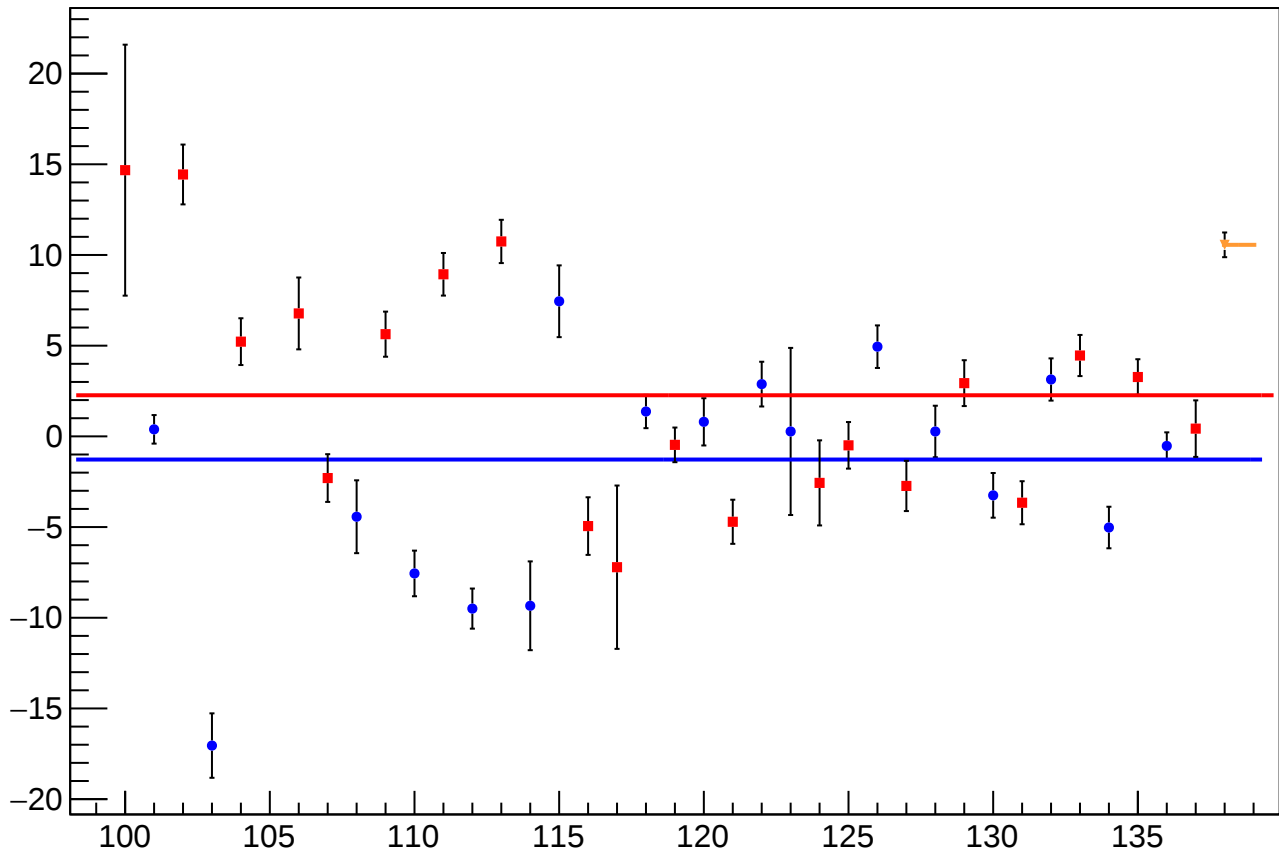
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-27.252 ± 0.705 χ^2/NDF : 0.0/0

-27.252 ± 0.705 χ^2/NDF : 0.0/0

0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.278 $\pm$ 0.292 χ^2 /NDF: 276.5/16

Left Out: 10.559 $\pm$ 0.681 χ^2 /NDF:0.0/0

Right Out: 2.266 $\pm$ 0.302 χ^2 /NDF: 289.8/19

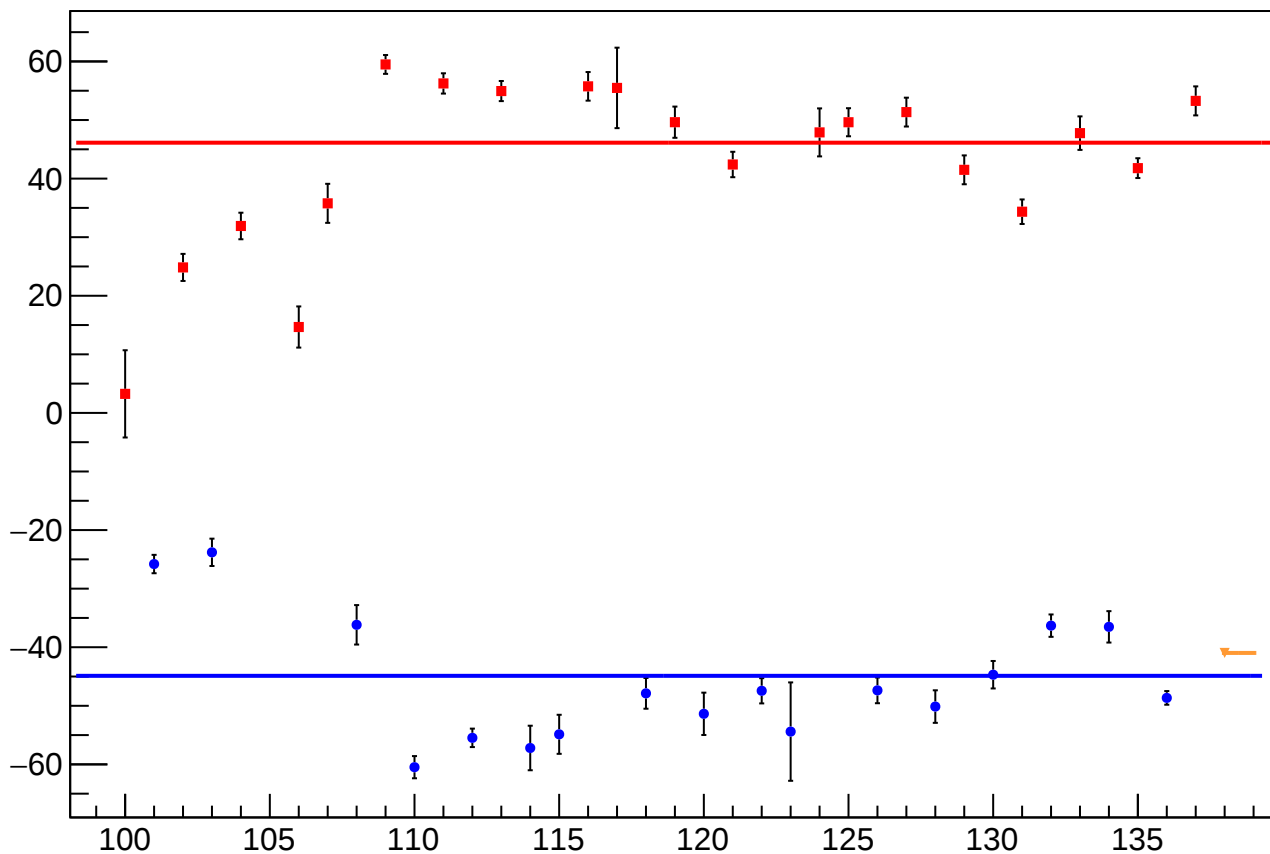
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.564 $\pm$ 0.269 χ^2 /NDF: 531.6/17

1.317 $\pm$ 0.201 χ^2 /NDF: 839.1/37

2.266 $\pm$ 0.302 χ^2 /NDF: 289.8/19

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.883 $\pm$ 0.524 χ^2/NDF : 421.0/16

Left Out: -40.974 $\pm$ 0.763 χ^2/NDF : 0.0/0

Right Out: 46.130 $\pm$ 0.527 χ^2/NDF : 456.1/19

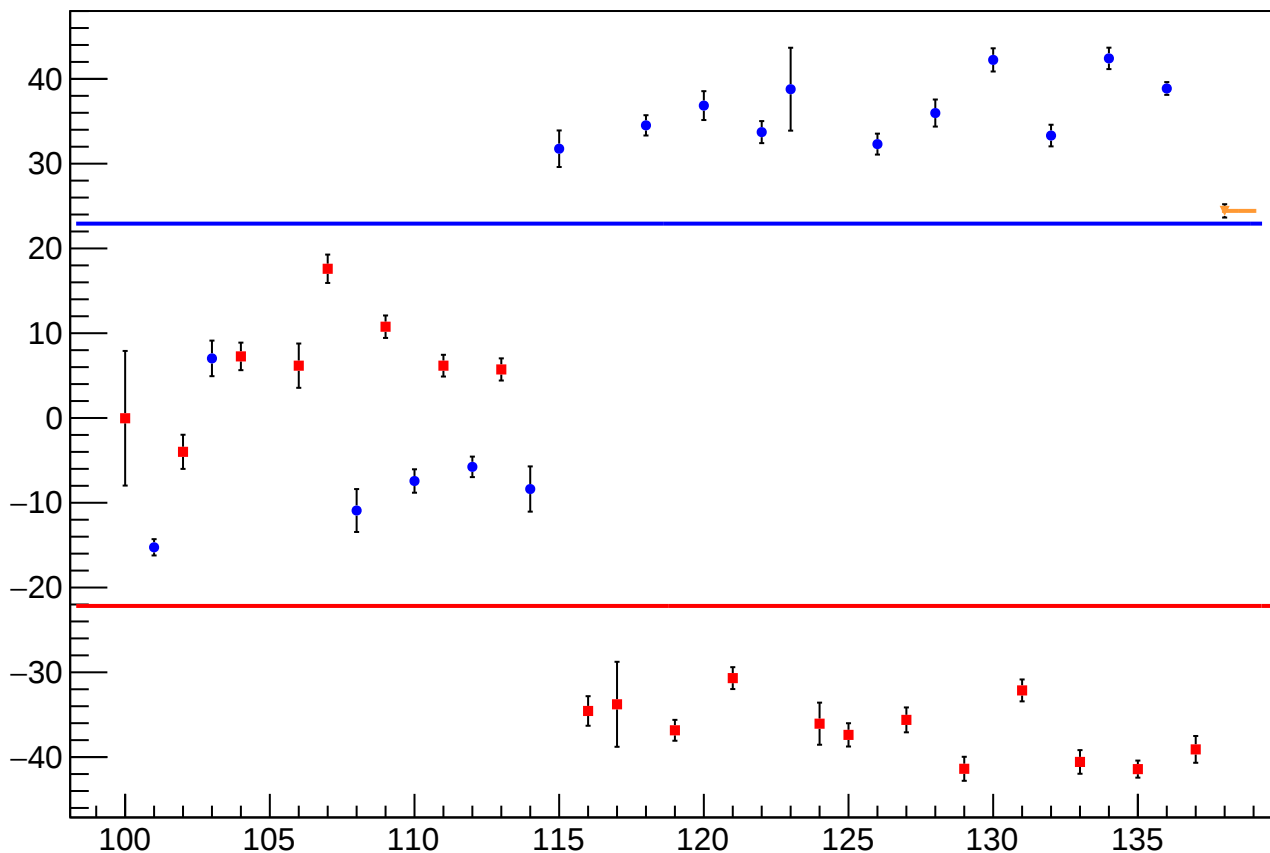
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-43.630 $\pm$ 0.432 χ^2/NDF : 438.8/17

-7.536 $\pm$ 0.334 χ^2/NDF : 18235.8/37

46.130 $\pm$ 0.527 χ^2/NDF : 456.1/19

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.926+/-0.328 χ^2 /NDF: 4330.2/16

Left Out: 24.429+/-0.787 χ^2 /NDF:0.0/0

Right Out: -22.170+/-0.339 χ^2 /NDF: 4038.8/19

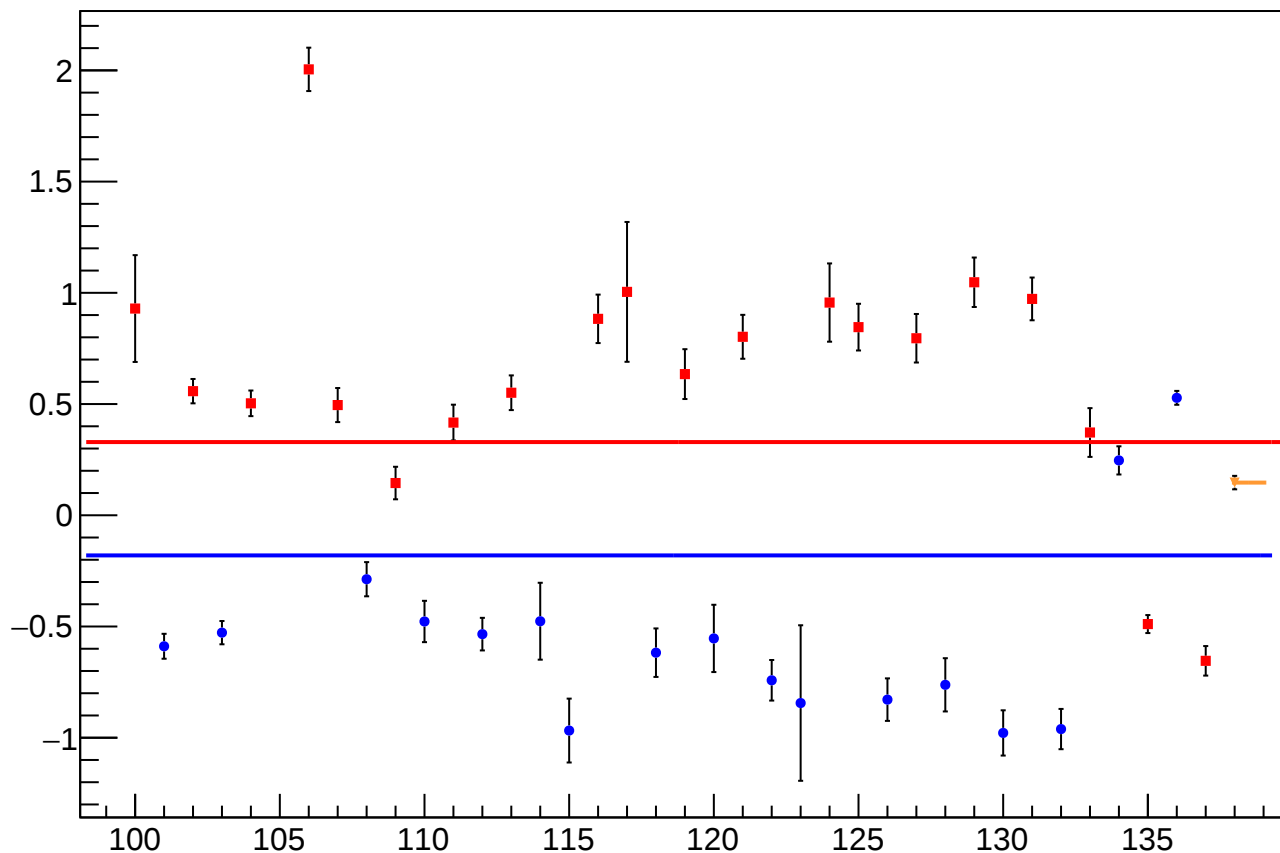
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

23.149+/-0.303 χ^2 /NDF: 4333.3/17

3.049+/-0.226 χ^2 /NDF: 18306.4/37

-22.170+/-0.339 χ^2 /NDF: 4038.8/19

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.180 ± 0.018 χ^2/NDF : 995.7/16

Left Out: 0.147 ± 0.030 χ^2/NDF : 0.0/0

Right Out: 0.329 ± 0.018 χ^2/NDF : 1180.2/19

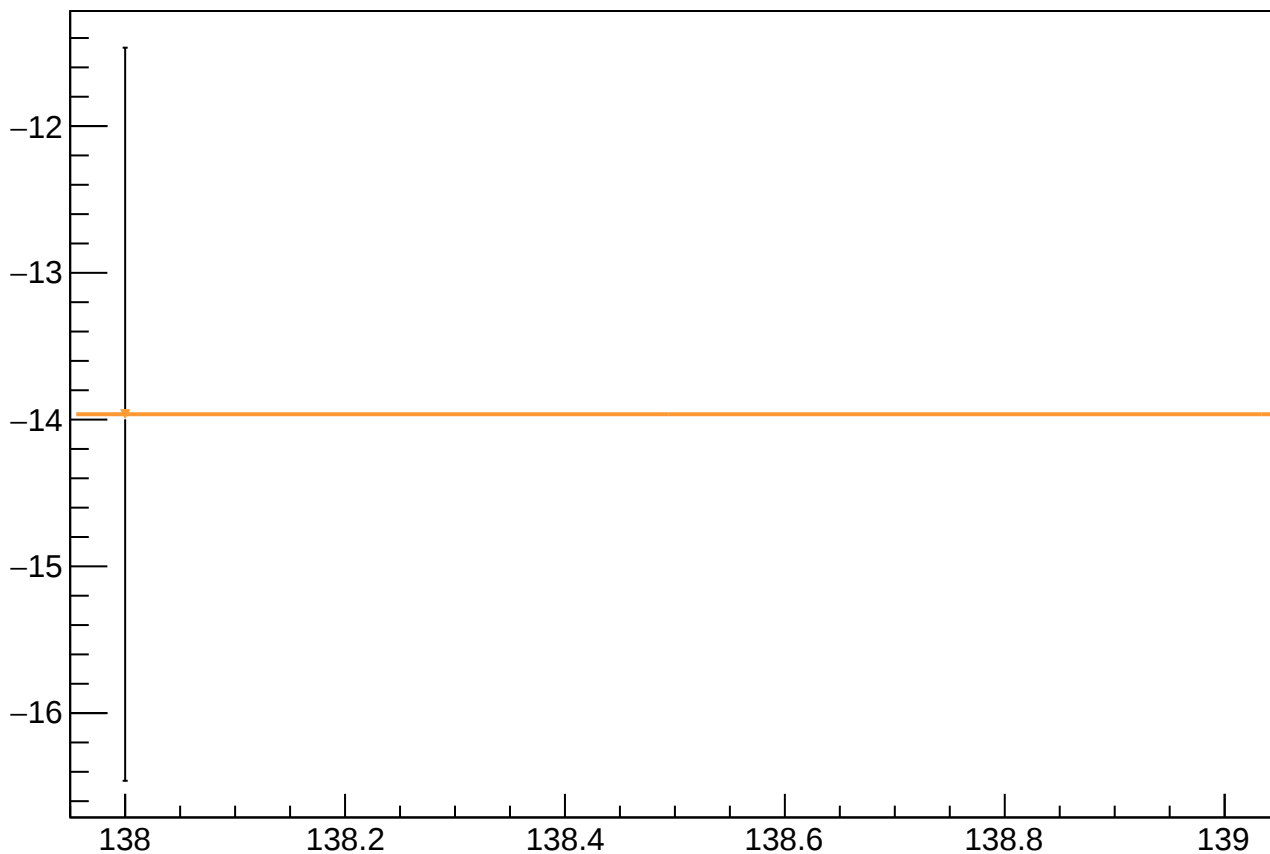
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.097 ± 0.015 χ^2/NDF : 1082.5/17

0.080 ± 0.012 χ^2/NDF : 2583.6/37

0.329 ± 0.018 χ^2/NDF : 1180.2/19

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.963+/-2.498 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

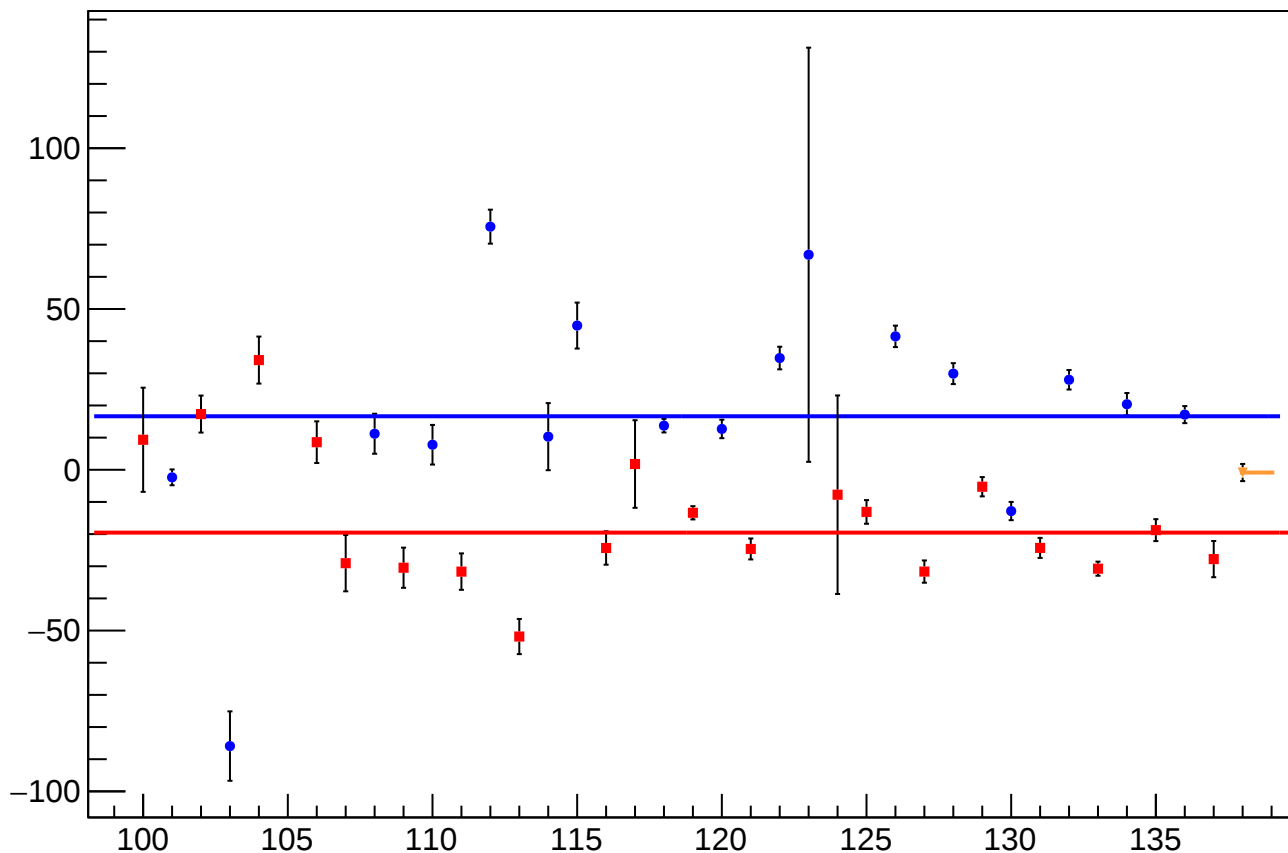
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-13.963+/-2.498 χ^2/NDF : 0.0/0

-13.963+/-2.498 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.641+/-0.859 χ^2/NDF : 518.9/16

Left Out: -0.854+/-2.672 χ^2/NDF : 0.0/0

Right Out: -19.540+/-0.894 χ^2/NDF : 244.1/19

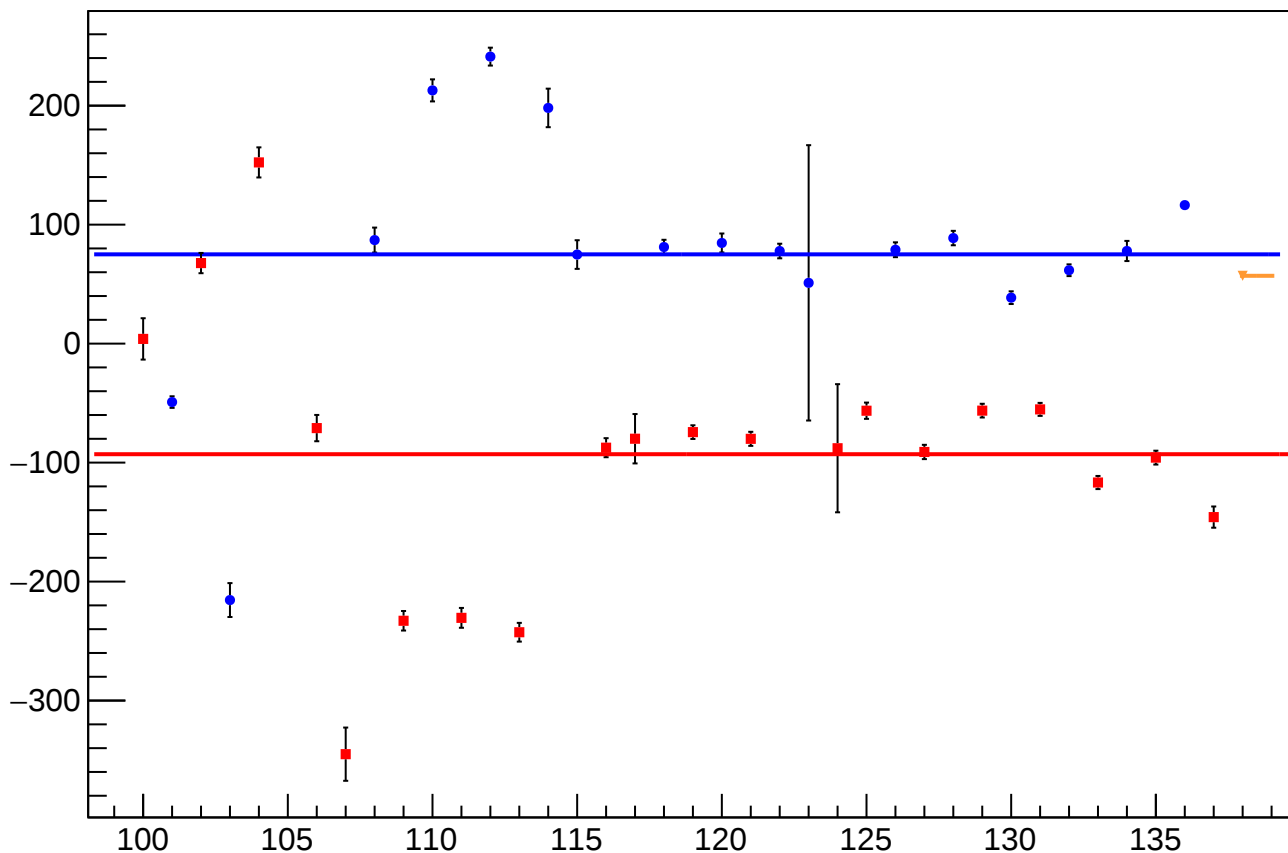
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15.003+/-0.817 χ^2/NDF : 557.8/17

-0.721+/-0.603 χ^2/NDF : 1614.6/37

-19.540+/-0.894 χ^2/NDF : 244.1/19

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 75.032 $\pm$ 1.647 χ^2 /NDF: 1999.7/16

Left Out: 57.002 $\pm$ 2.710 χ^2 /NDF:0.0/0

Right Out: -92.940 $\pm$ 1.706 χ^2 /NDF: 2004.0/19

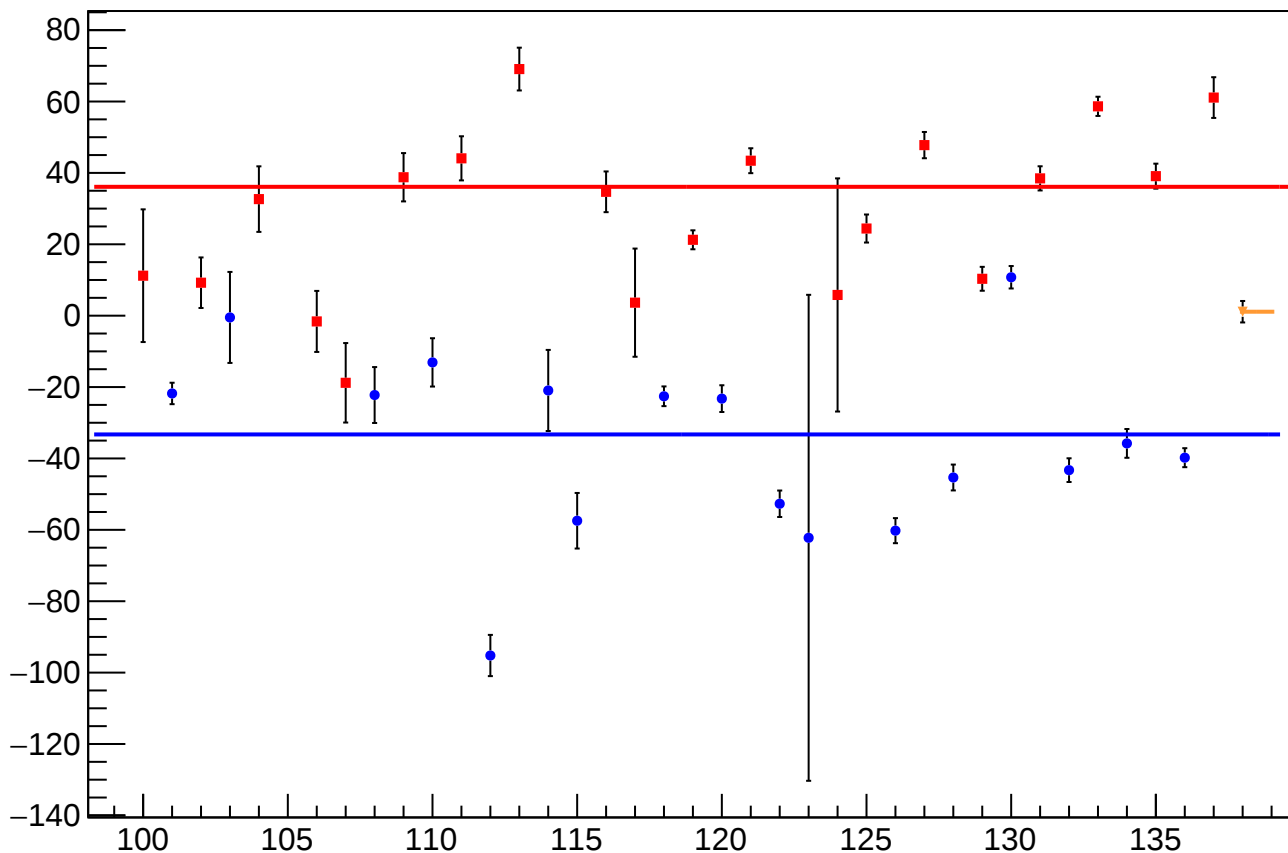
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

70.170 $\pm$ 1.407 χ^2 /NDF: 2032.0/17

4.110 $\pm$ 1.085 χ^2 /NDF: 9477.6/37

-92.940 $\pm$ 1.706 χ^2 /NDF: 2004.0/19

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.272 ± 0.982 χ^2/NDF : 489.4/16

Left Out: 1.110 ± 3.007 χ^2/NDF : 0.0/0

Right Out: 36.103 ± 1.022 χ^2/NDF : 302.3/19

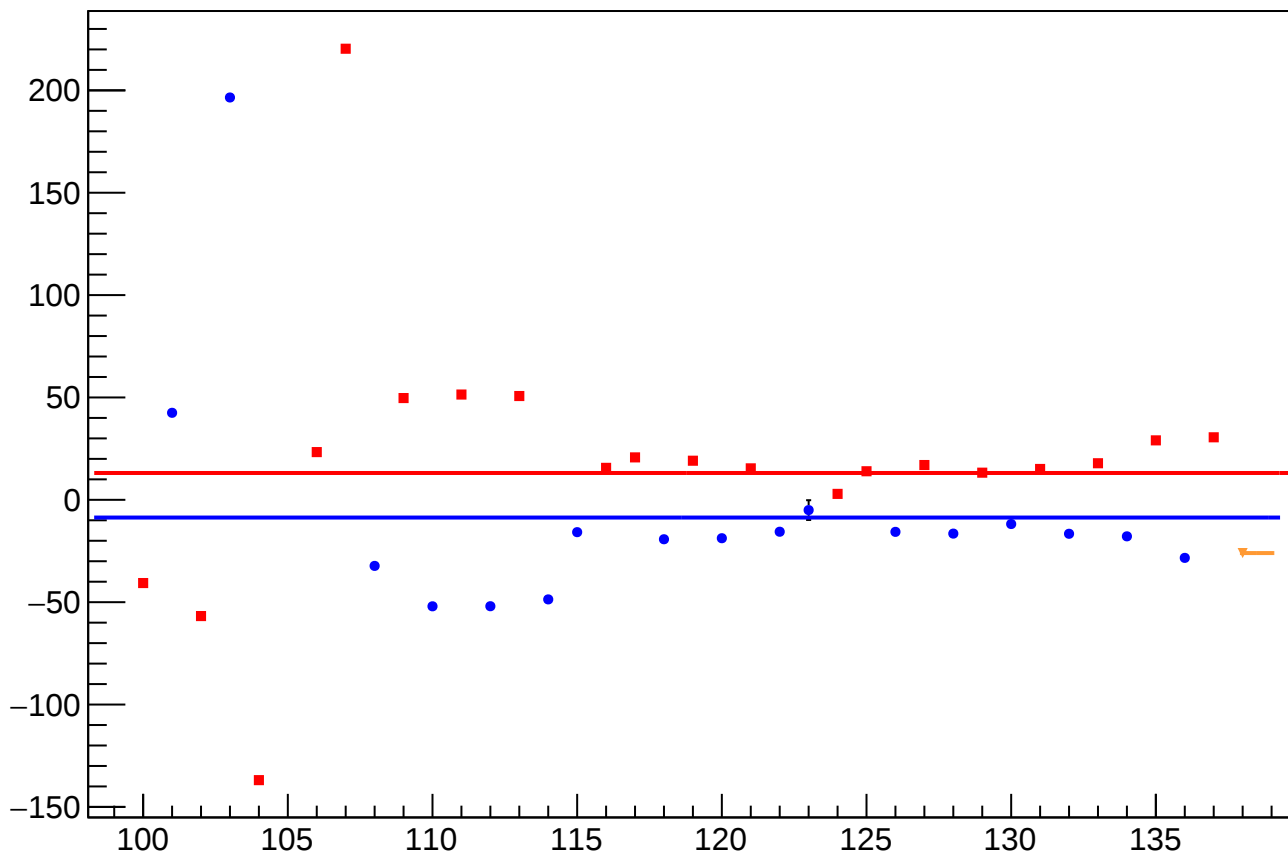
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-29.959 ± 0.933 χ^2/NDF : 607.5/17

0.099 ± 0.689 χ^2/NDF : 3188.6/37

36.103 ± 1.022 χ^2/NDF : 302.3/19

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.657 ± 0.059 $\chi^2/\text{NDF}: 575742.7/16$

Left Out: -26.005 ± 0.105 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 13.109 ± 0.062 $\chi^2/\text{NDF}: 558383.6/19$

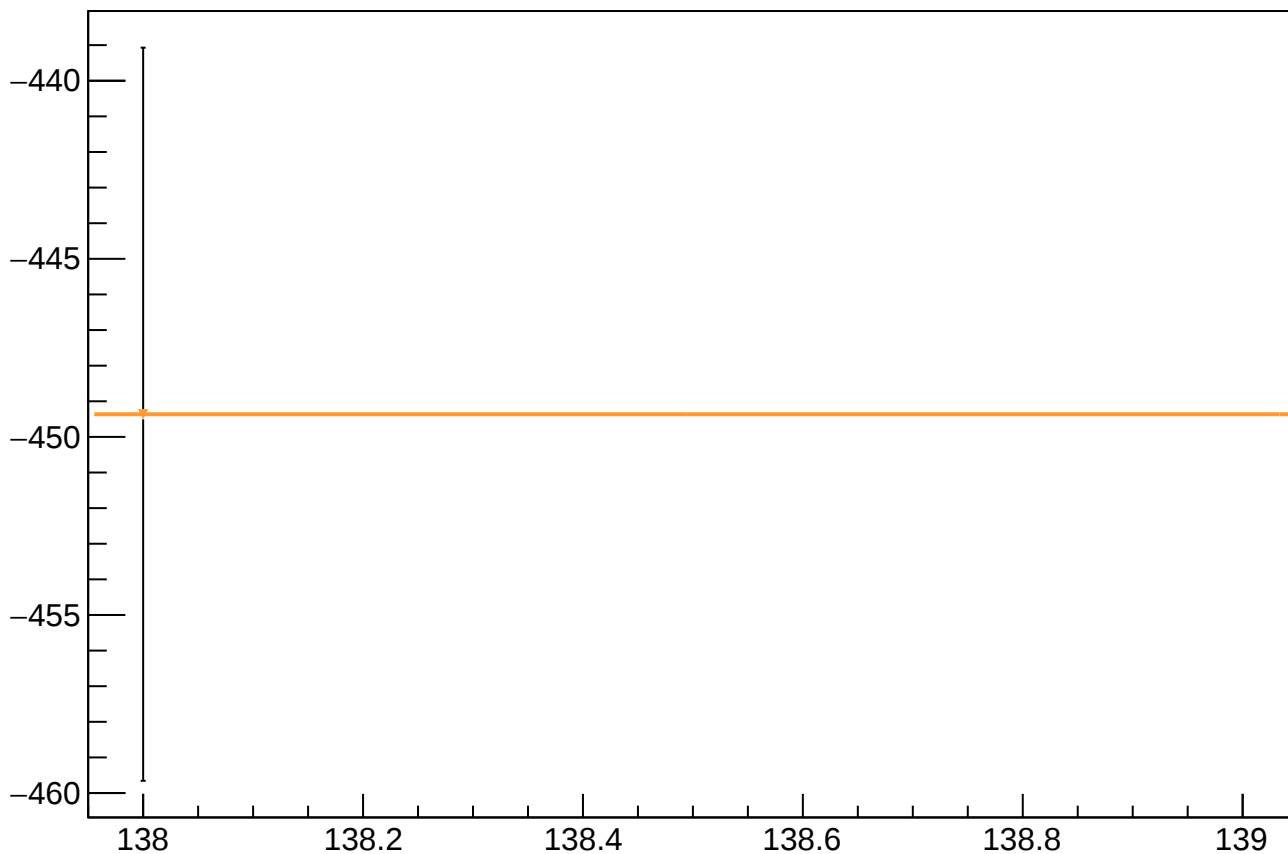
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-12.808 ± 0.052 $\chi^2/\text{NDF}: 596370.2/17$

-2.158 ± 0.040 $\chi^2/\text{NDF}: 1258693.7/37$

13.109 ± 0.062 $\chi^2/\text{NDF}: 558383.6/19$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -449.364+/-10.293 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

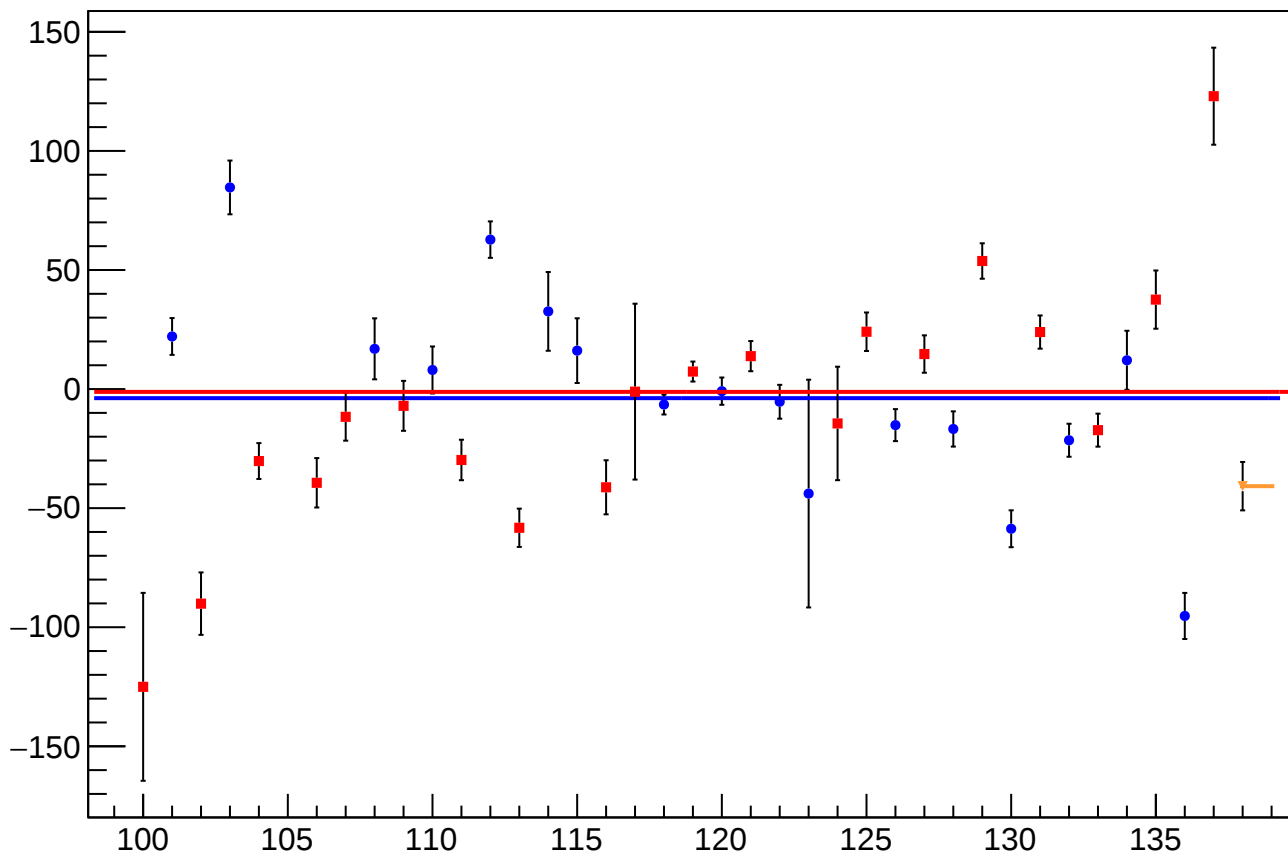
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-449.364+/-10.293 χ^2/NDF : 0.0/0

-449.364+/-10.293 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.815 ± 1.923 χ^2/NDF : 314.3/16

Left Out: -40.770 ± 10.163 χ^2/NDF : 0.0/0

Right Out: -1.175 ± 1.911 χ^2/NDF : 303.9/19

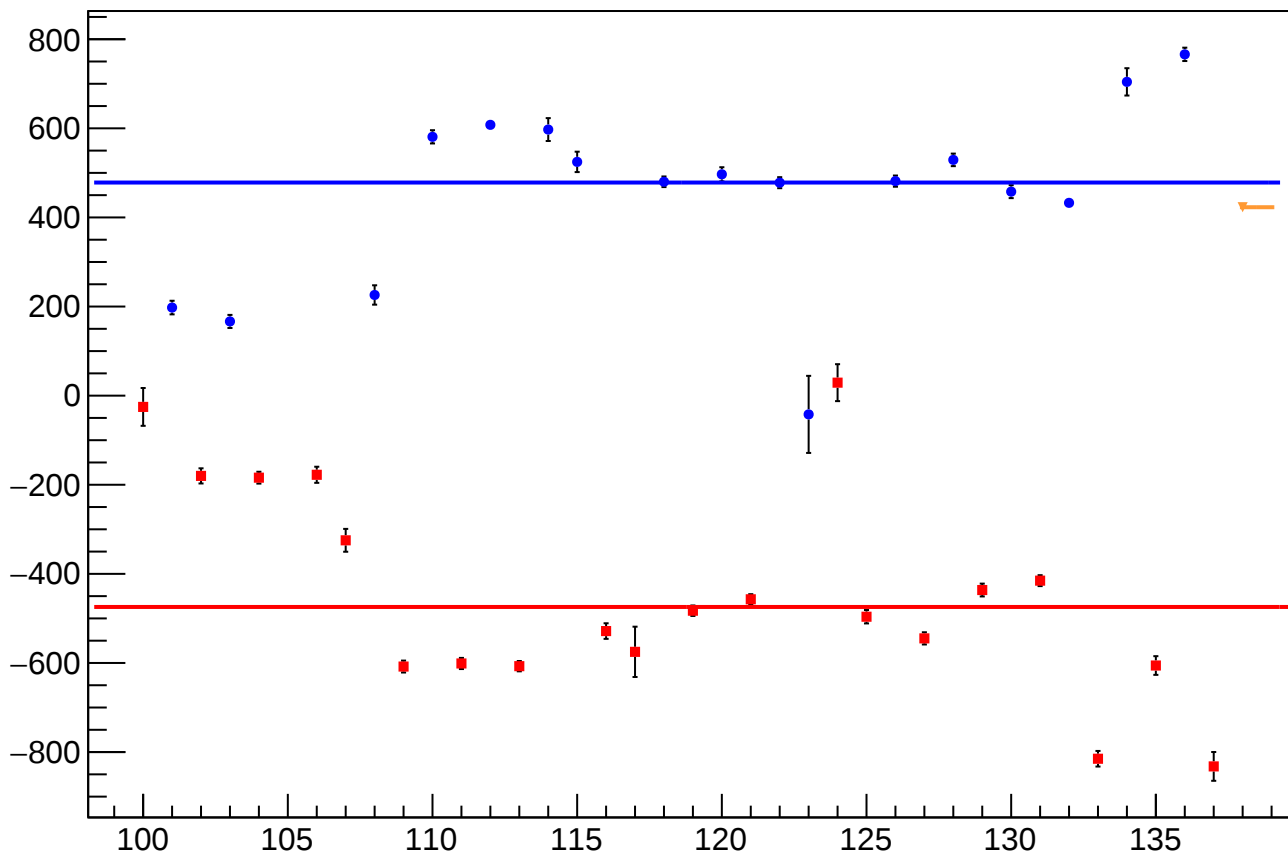
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-5.092 ± 1.889 χ^2/NDF : 327.1/17

-3.156 ± 1.344 χ^2/NDF : 633.1/37

-1.175 ± 1.911 χ^2/NDF : 303.9/19

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.334+/-3.662 χ^2/NDF : 1628.8/16

Left Out: 422.918+/-11.157 χ^2/NDF : 0.0/0

Right Out: -474.296+/-3.524 χ^2/NDF : 2288.2/19

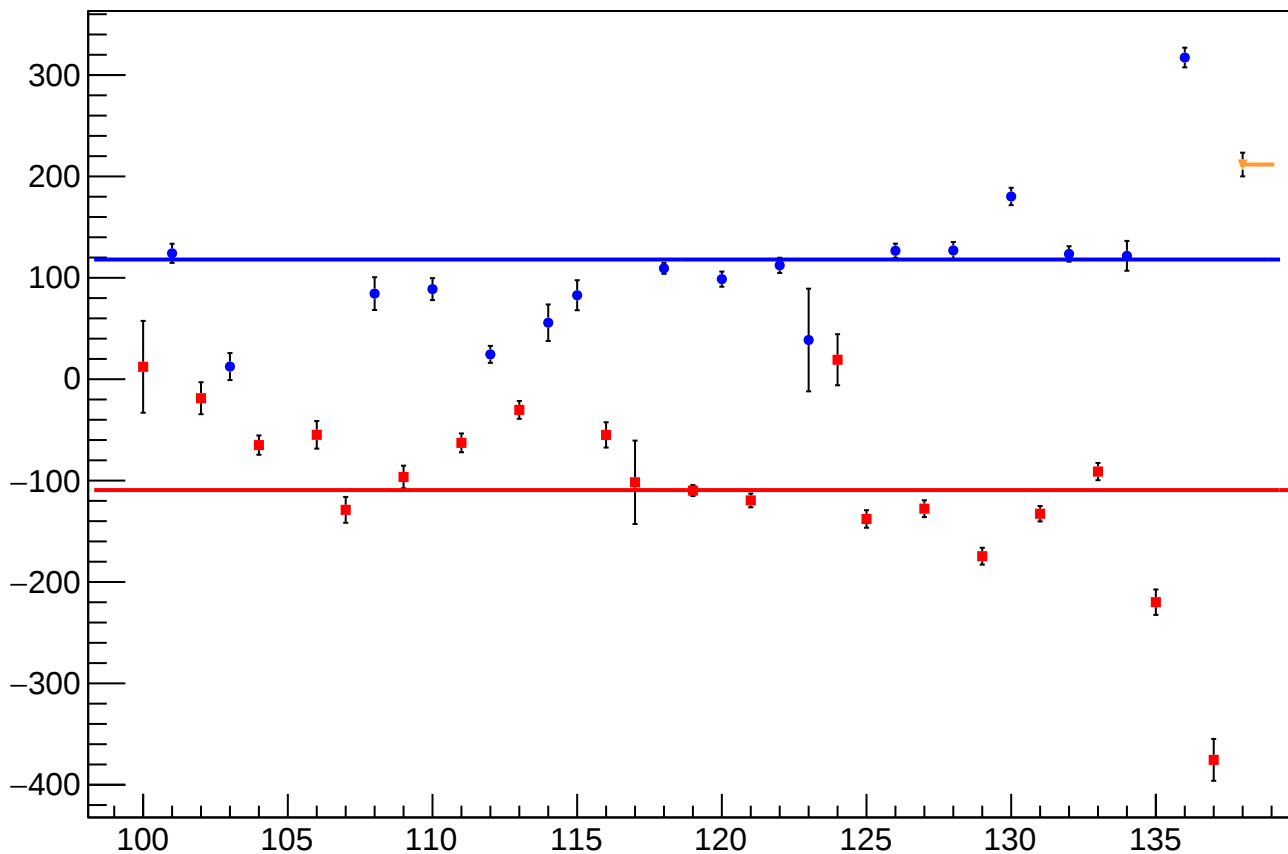
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

472.945+/-3.479 χ^2/NDF : 1651.1/17

5.365+/-2.476 χ^2/NDF : 40523.7/37

-474.296+/-3.524 χ^2/NDF : 2288.2/19

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 118.055+/-2.225 χ^2/NDF : 705.3/16

Left Out: 211.735+/-11.699 χ^2/NDF : 0.0/0

Right Out: -109.345+/-2.202 χ^2/NDF : 569.8/19

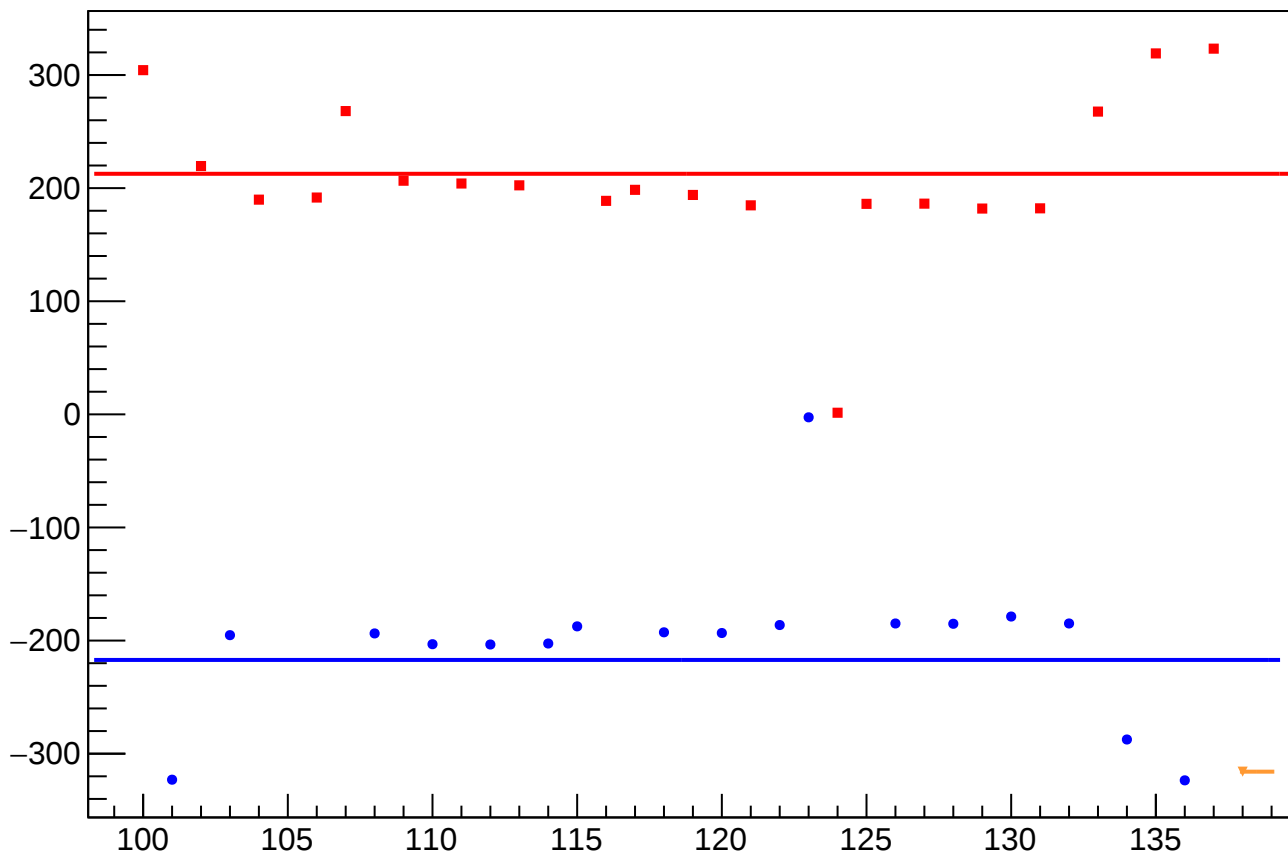
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

121.326+/-2.186 χ^2/NDF : 767.2/17

6.809+/-1.551 χ^2/NDF : 6864.2/37

-109.345+/-2.202 χ^2/NDF : 569.8/19

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -217.120+/-0.137 χ^2 /NDF: 146559.7/16

Left Out: -315.891+/-0.443 χ^2 /NDF:0.0/0

Right Out: 212.679+/-0.130 χ^2 /NDF: 115596.4/19

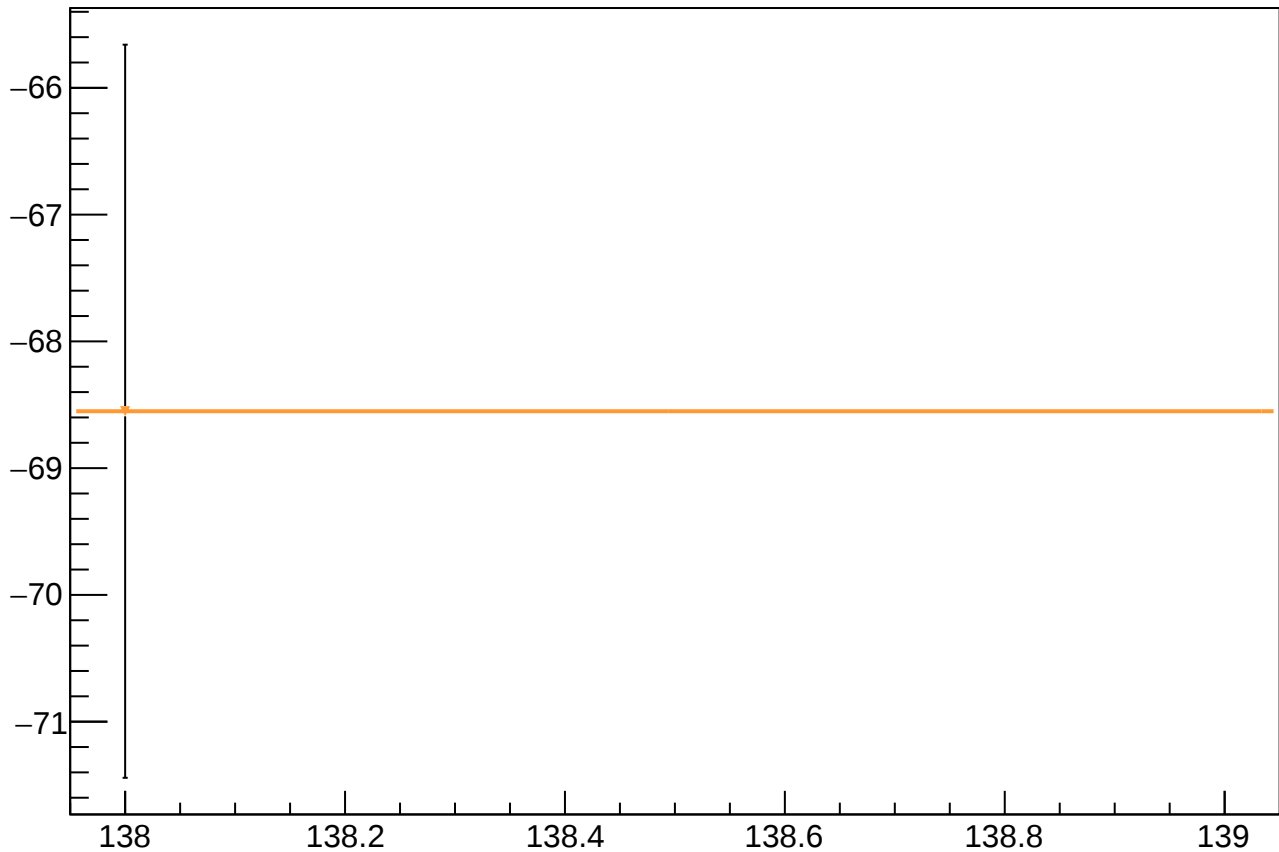
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-225.679+/-0.131 χ^2 /NDF: 191881.1/17

-5.637+/-0.092 χ^2 /NDF: 5969148.4/37

212.679+/-0.130 χ^2 /NDF: 115596.4/19

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -68.551+/-2.892 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

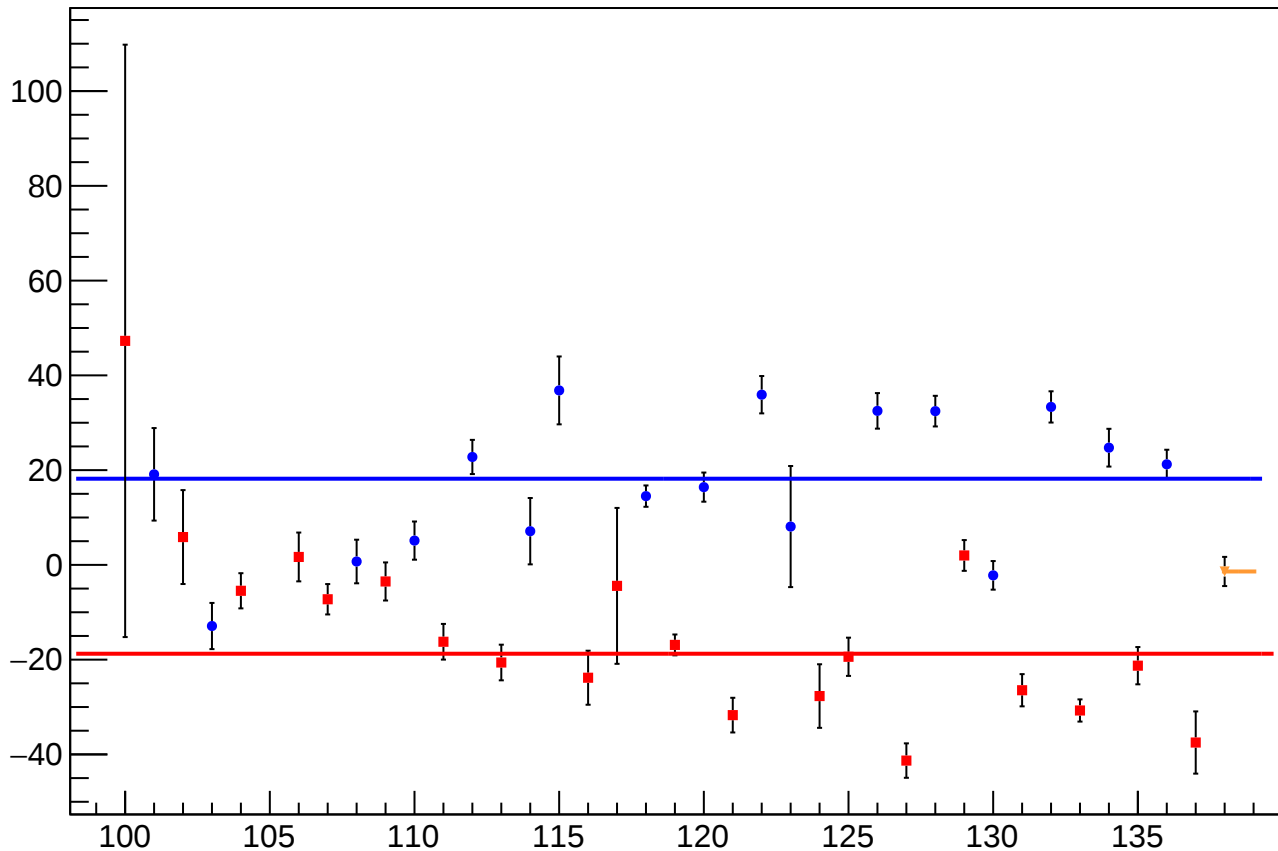
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-68.551+/-2.892 χ^2/NDF : 0.0/0

-68.551+/-2.892 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.188 ± 0.917 $\chi^2/\text{NDF}: 204.9/16$

Left Out: -1.391 ± 3.079 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -18.752 ± 0.862 $\chi^2/\text{NDF}: 199.5/19$

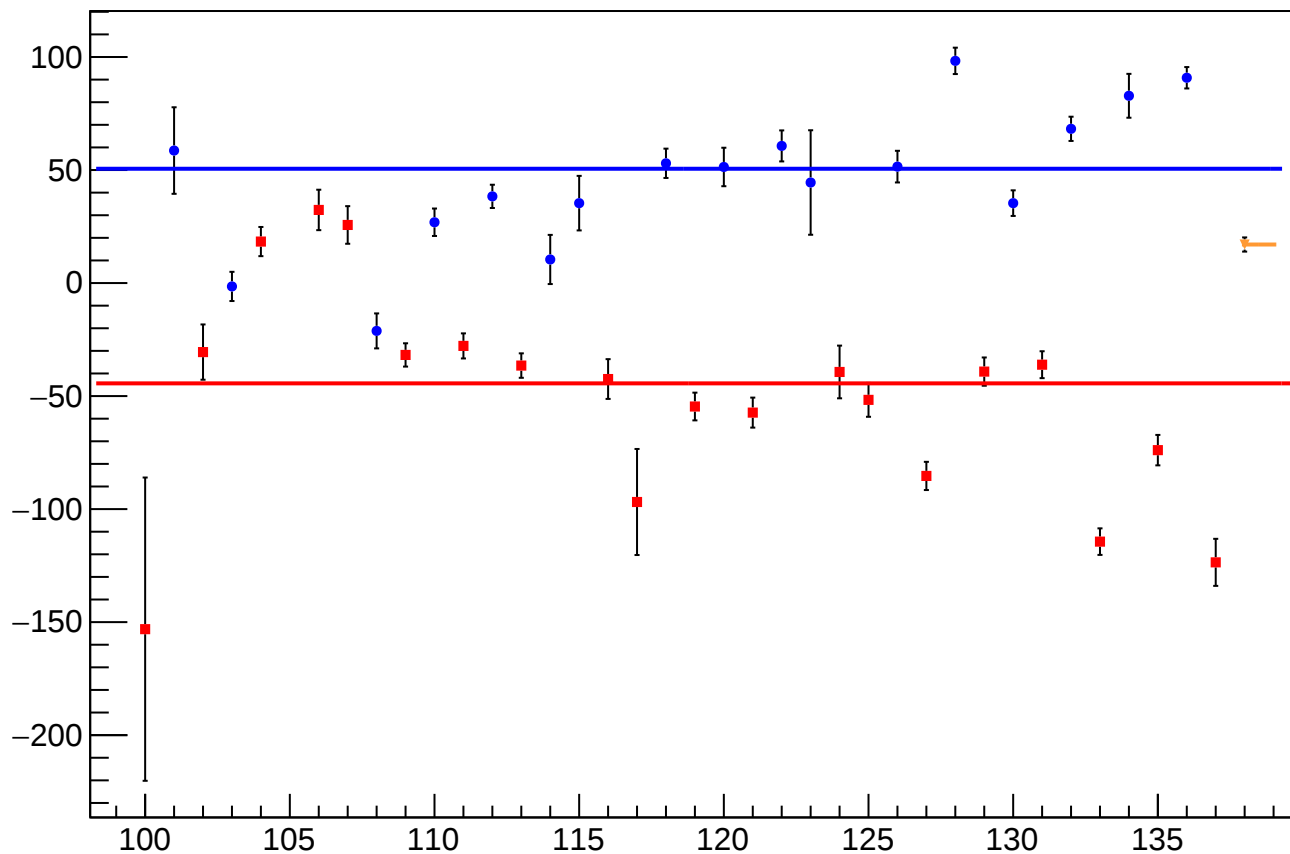
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

16.592 ± 0.879 $\chi^2/\text{NDF}: 242.0/17$

-1.436 ± 0.615 $\chi^2/\text{NDF}: 1266.1/37$

-18.752 ± 0.862 $\chi^2/\text{NDF}: 199.5/19$

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.565+/-1.678 χ^2 /NDF: 357.9/16

Left Out: 17.050+/-3.137 χ^2 /NDF: 0.0/0

Right Out: -44.377+/-1.599 χ^2 /NDF: 537.6/19

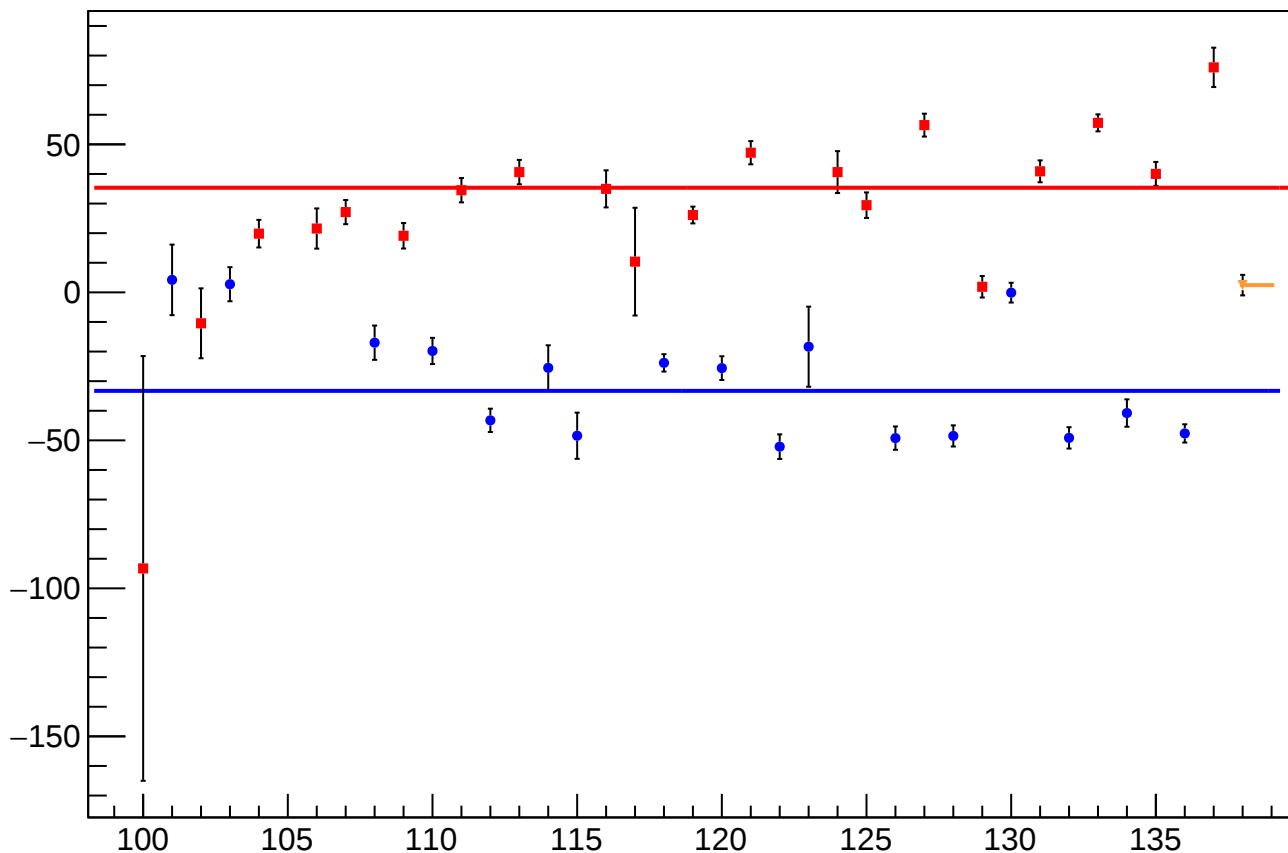
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

43.110+/-1.479 χ^2 /NDF: 446.7/17

2.758+/-1.086 χ^2 /NDF: 2597.6/37

-44.377+/-1.599 χ^2 /NDF: 537.6/19

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281+/-1.043 χ^2/NDF : 290.1/16

Left Out: 2.447+/-3.471 χ^2/NDF : 0.0/0

Right Out: 35.343+/-0.990 χ^2/NDF : 291.6/19

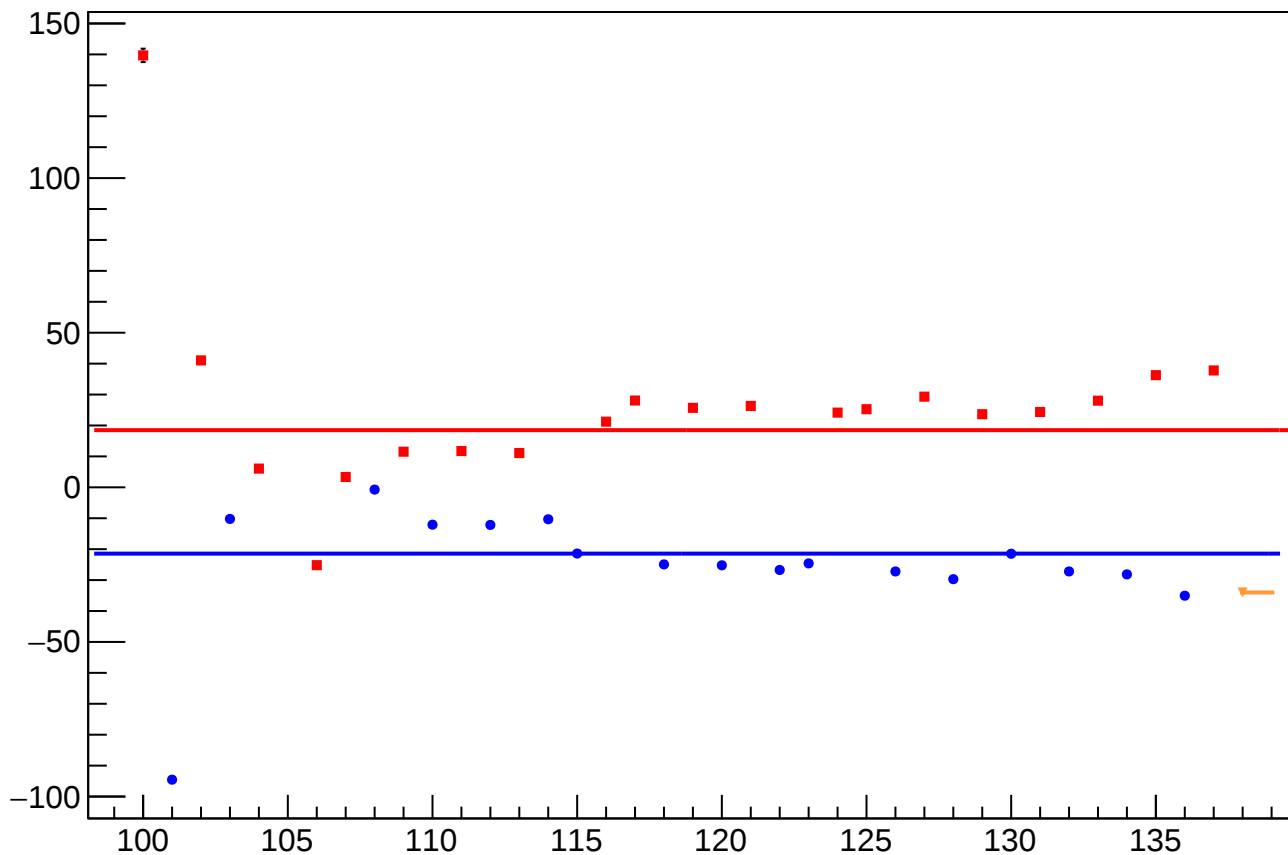
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-30.320+/-0.999 χ^2/NDF : 387.3/17

2.823+/-0.703 χ^2/NDF : 2858.1/37

35.343+/-0.990 χ^2/NDF : 291.6/19

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.442 ± 0.059 $\chi^2/\text{NDF}: 48968.5/16$

Left Out: -34.003 ± 0.122 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 18.490 ± 0.057 $\chi^2/\text{NDF}: 80549.5/19$

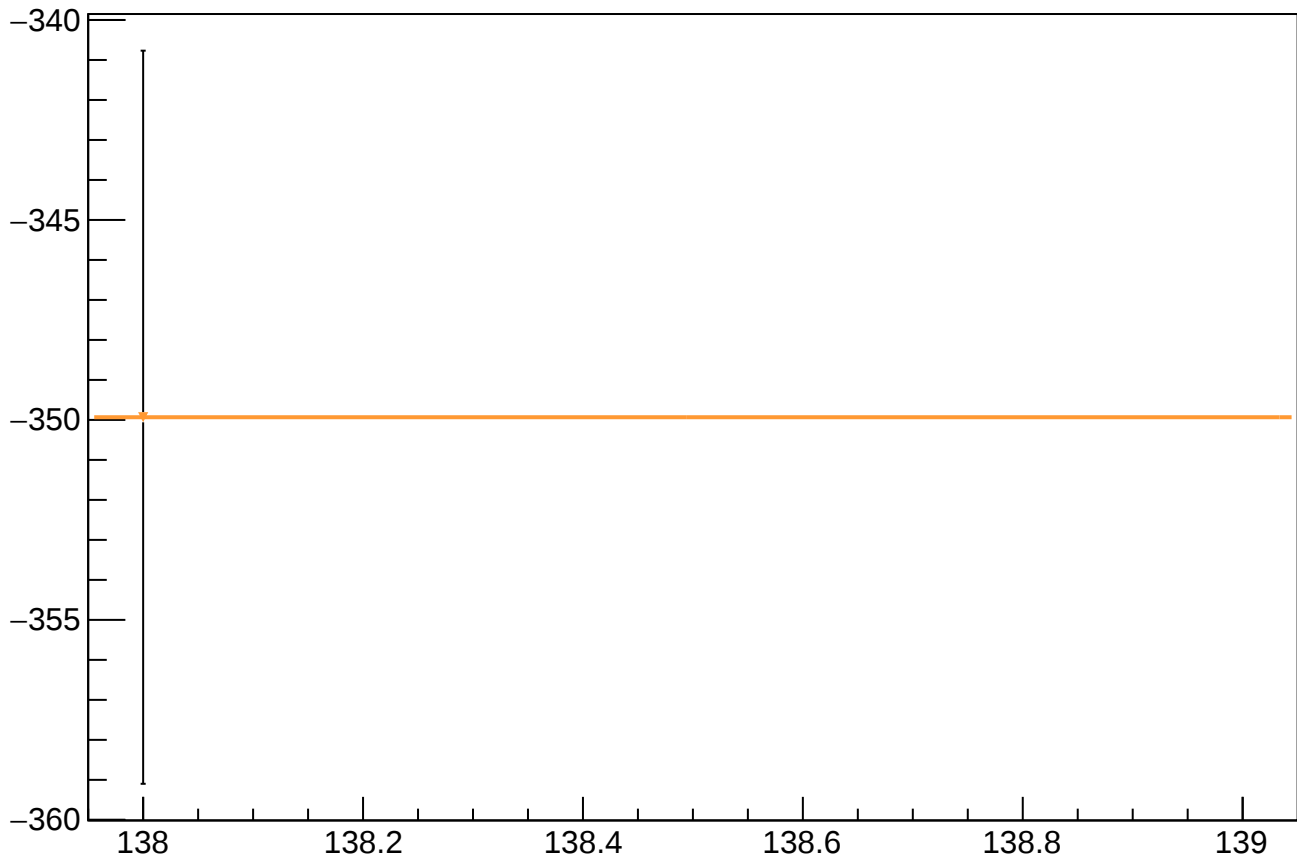
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-23.813 ± 0.053 $\chi^2/\text{NDF}: 57547.4/17$

-4.291 ± 0.039 $\chi^2/\text{NDF}: 431382.9/37$

18.490 ± 0.057 $\chi^2/\text{NDF}: 80549.5/19$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -349.933+/-9.166 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

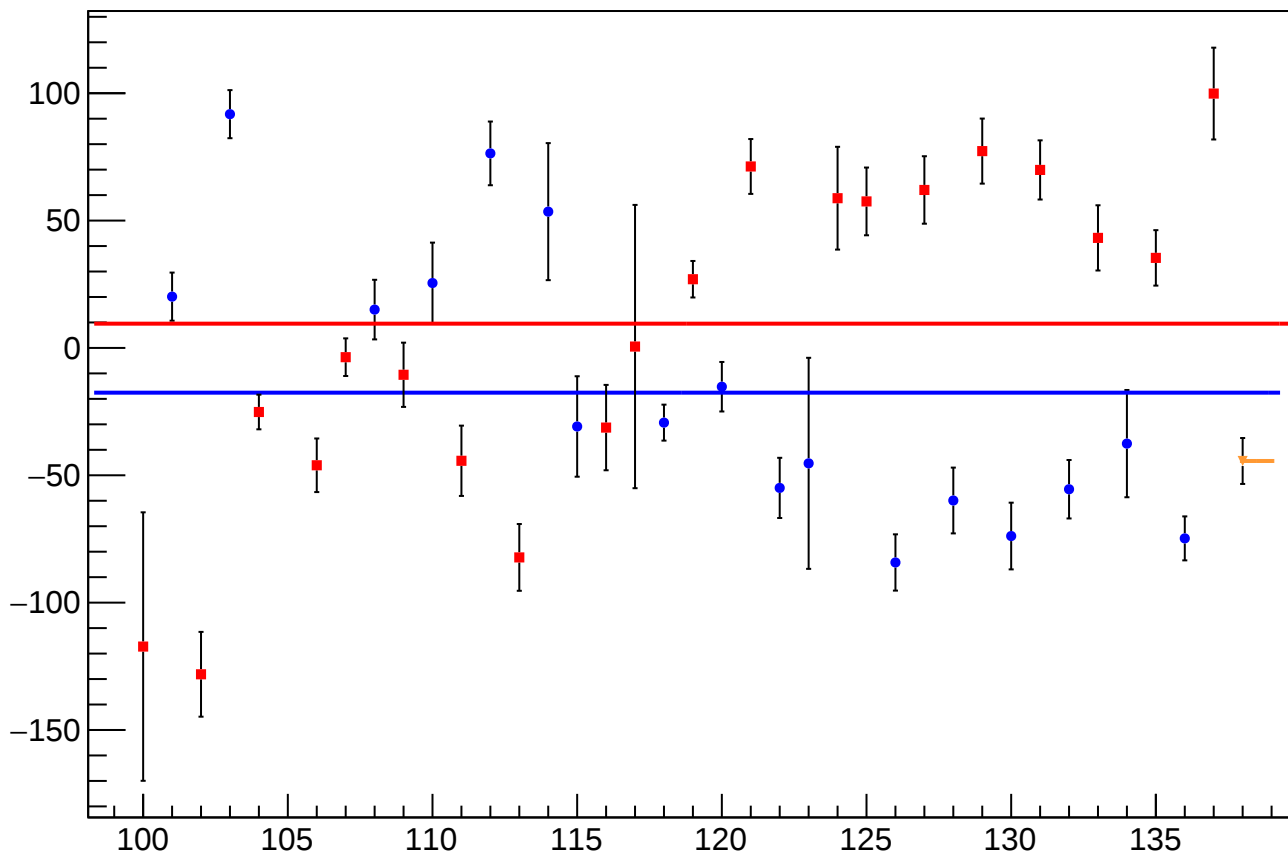
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-349.933+/-9.166 χ^2/NDF : 0.0/0

-349.933+/-9.166 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.564 $\pm$ 2.820 χ^2 /NDF: 363.7/16

Left Out: -44.385 $\pm$ 9.013 χ^2 /NDF:0.0/0

Right Out: 9.527 $\pm$ 2.606 χ^2 /NDF: 370.3/19

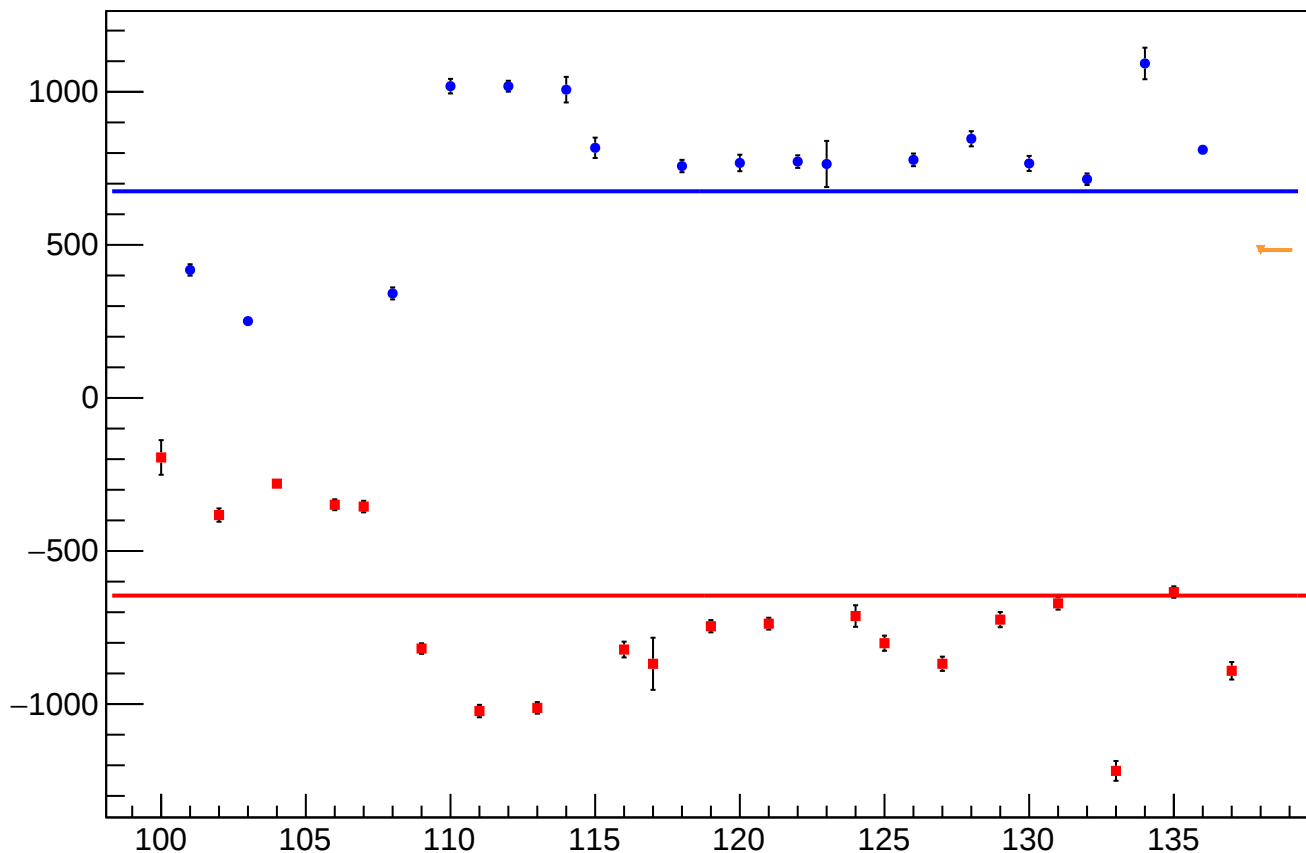
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-19.956 $\pm$ 2.692 χ^2 /NDF: 371.8/17

-4.737 $\pm$ 1.872 χ^2 /NDF: 804.0/37

9.527 $\pm$ 2.606 χ^2 /NDF: 370.3/19

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.045+/-5.067 χ^2/NDF : 2584.3/16

Left Out: 483.194+/-9.935 χ^2/NDF : 0.0/0

Right Out: -645.613+/-4.754 χ^2/NDF : 3129.0/19

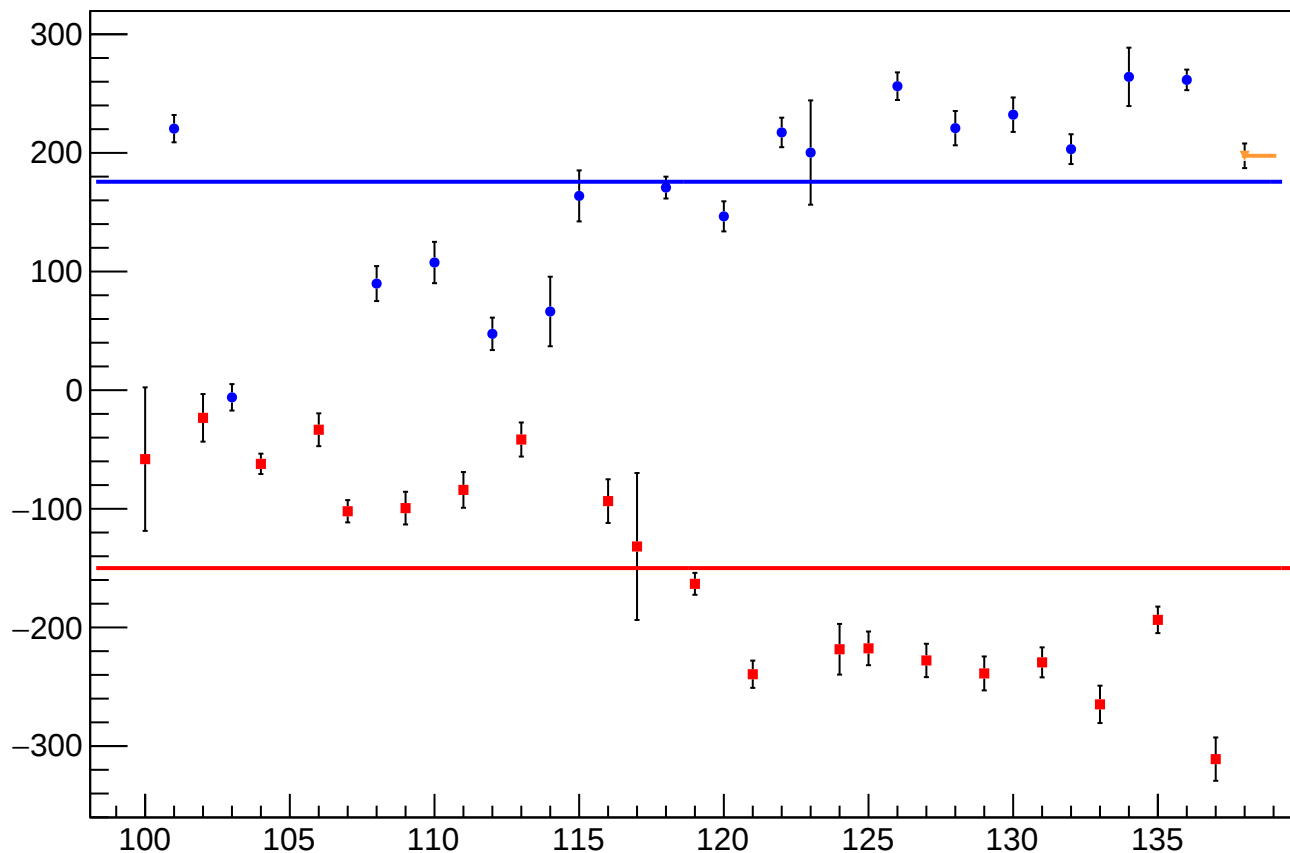
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

635.440+/-4.514 χ^2/NDF : 2880.2/17

28.023+/-3.273 χ^2/NDF : 44195.6/37

-645.613+/-4.754 χ^2/NDF : 3129.0/19

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.686 $\pm$ 3.239 χ^2 /NDF: 637.9/16

Left Out: 197.562 $\pm$ 10.384 χ^2 /NDF: 0.0/0

Right Out: -149.973 $\pm$ 3.038 χ^2 /NDF: 693.8/19

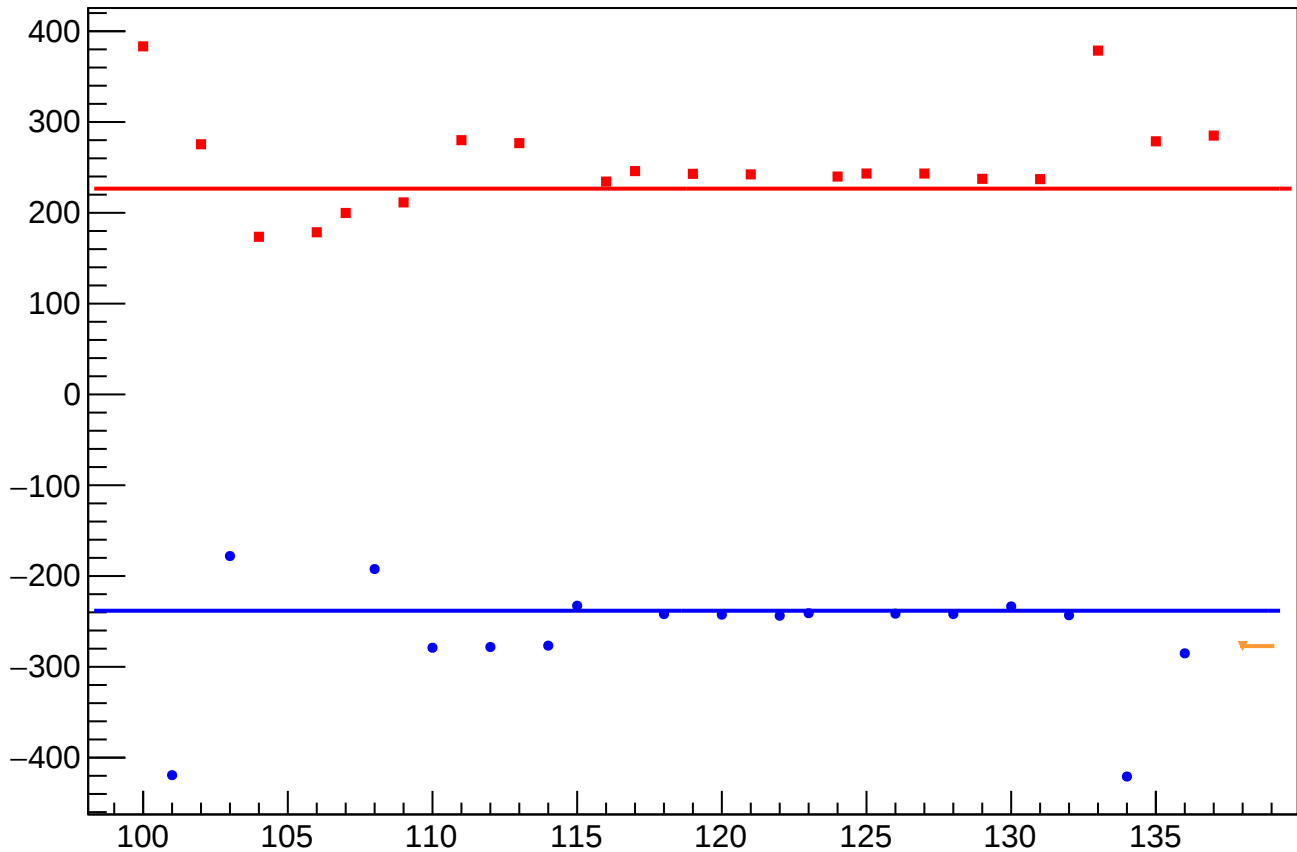
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

177.625 $\pm$ 3.092 χ^2 /NDF: 642.0/17

10.969 $\pm$ 2.167 χ^2 /NDF: 7047.2/37

-149.973 $\pm$ 3.038 χ^2 /NDF: 693.8/19

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167120.0/16

Left Out: -277.162+/-0.395 χ^2/NDF : 0.0/0

Right Out: 226.626+/-0.151 χ^2/NDF : 102587.0/19

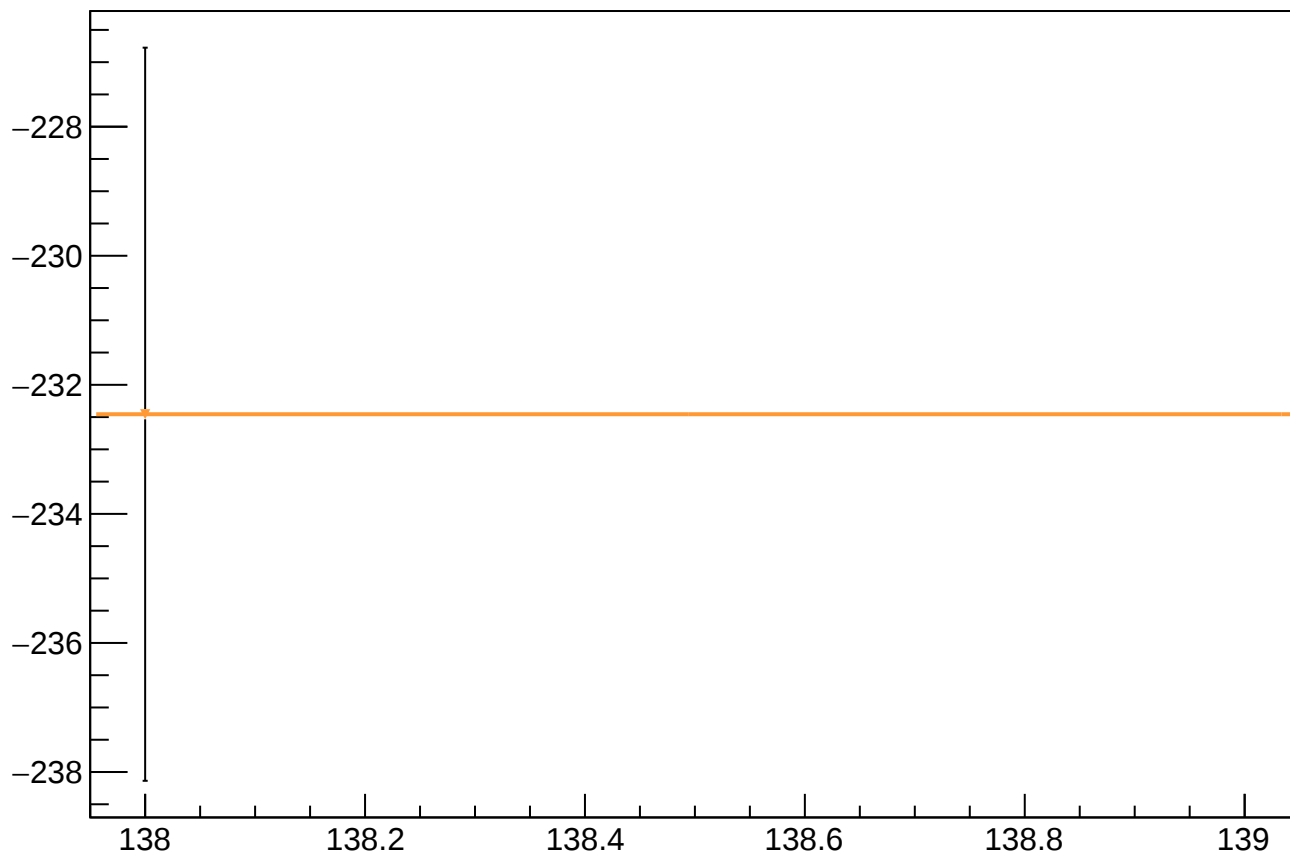
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-243.725+/-0.149 χ^2/NDF : 175451.7/17

-12.374+/-0.106 χ^2/NDF : 5200702.9/37

226.626+/-0.151 χ^2/NDF : 102587.0/19

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -232.456+/-5.680 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

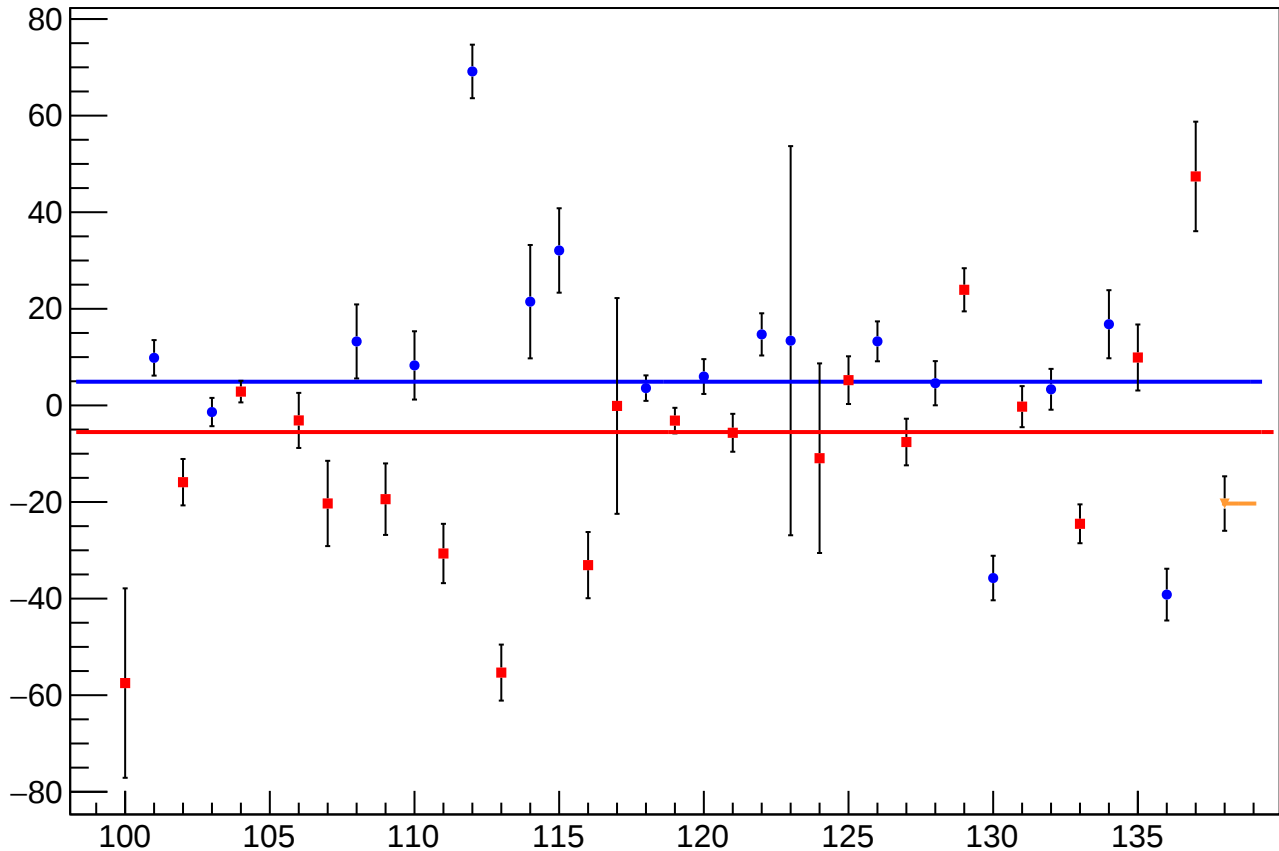
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-232.456+/-5.680 χ^2/NDF : 0.0/0

-232.456+/-5.680 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.905 ± 1.105 χ^2/NDF : 311.7/16

Left Out: -20.320 ± 5.641 χ^2/NDF : 0.0/0

Right Out: -5.517 ± 1.067 χ^2/NDF : 239.0/19

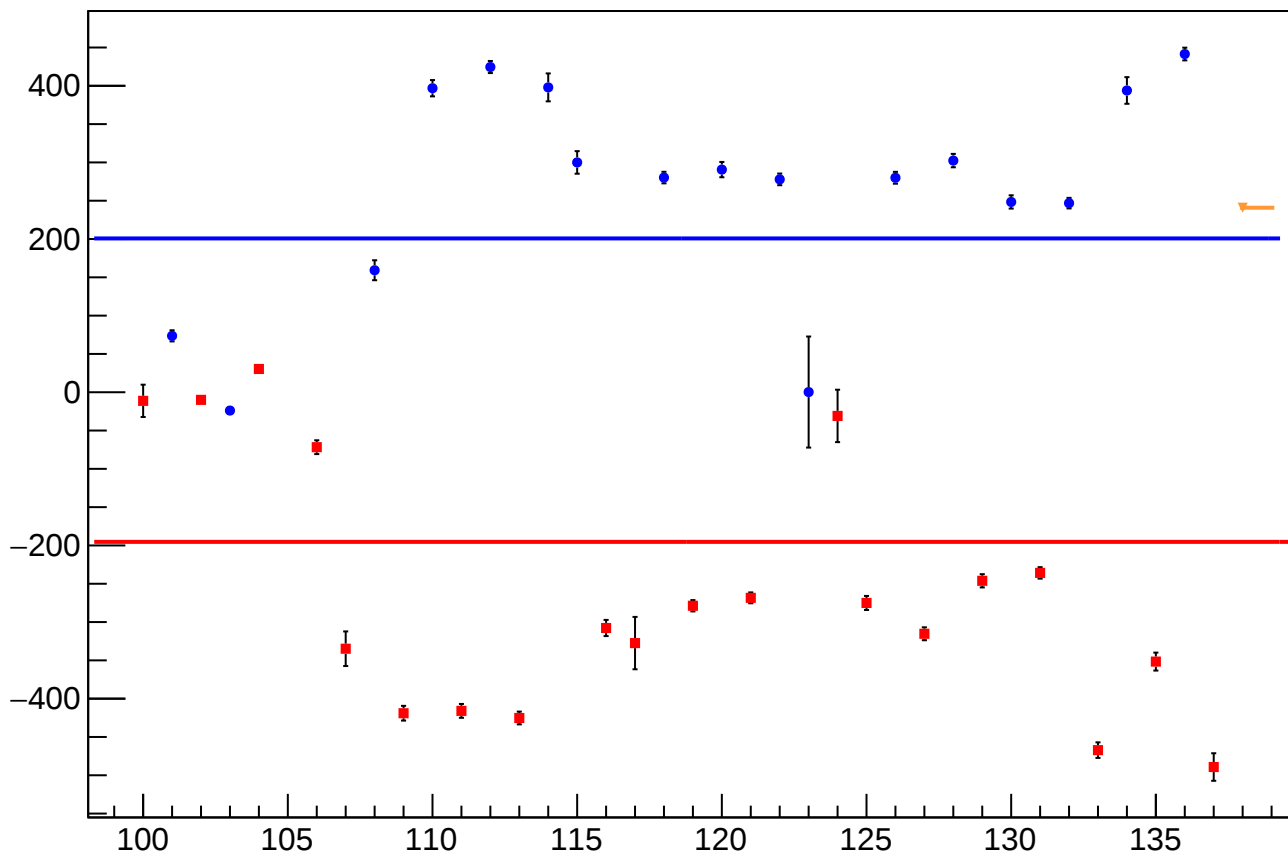
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

3.972 ± 1.085 χ^2/NDF : 330.9/17

-0.850 ± 0.761 χ^2/NDF : 608.8/37

-5.517 ± 1.067 χ^2/NDF : 239.0/19

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 200.773+/-1.983 χ^2/NDF : 6733.0/16

Left Out: 240.873+/-6.158 χ^2/NDF : 0.0/0

Right Out: -195.311+/-1.921 χ^2/NDF : 8262.1/19

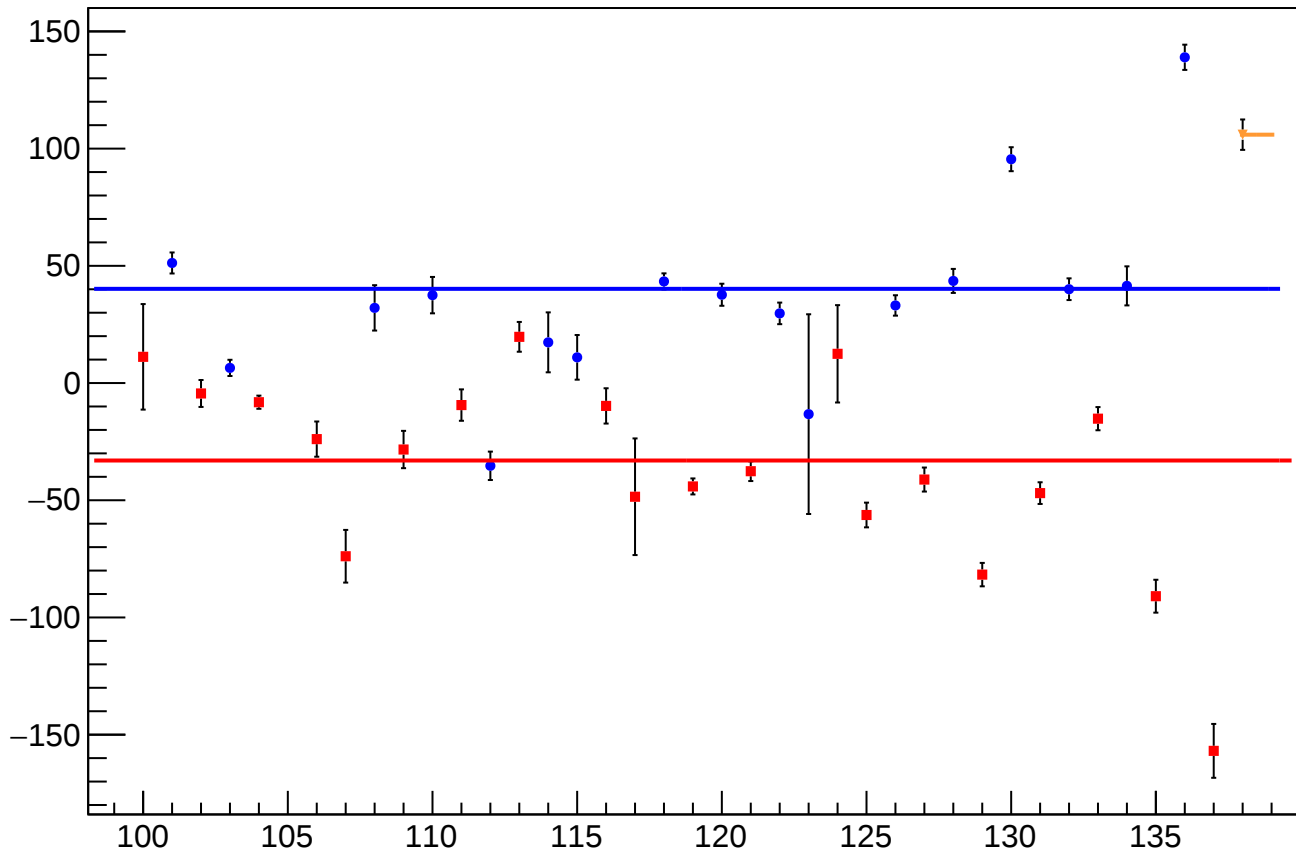
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

204.541+/-1.888 χ^2/NDF : 6771.4/17

8.085+/-1.346 χ^2/NDF : 37076.9/37

-195.311+/-1.921 χ^2/NDF : 8262.1/19

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.185+/-1.283 χ^2/NDF : 734.6/16

Left Out: 105.948+/-6.484 χ^2/NDF : 0.0/0

Right Out: -33.045+/-1.249 χ^2/NDF : 553.1/19

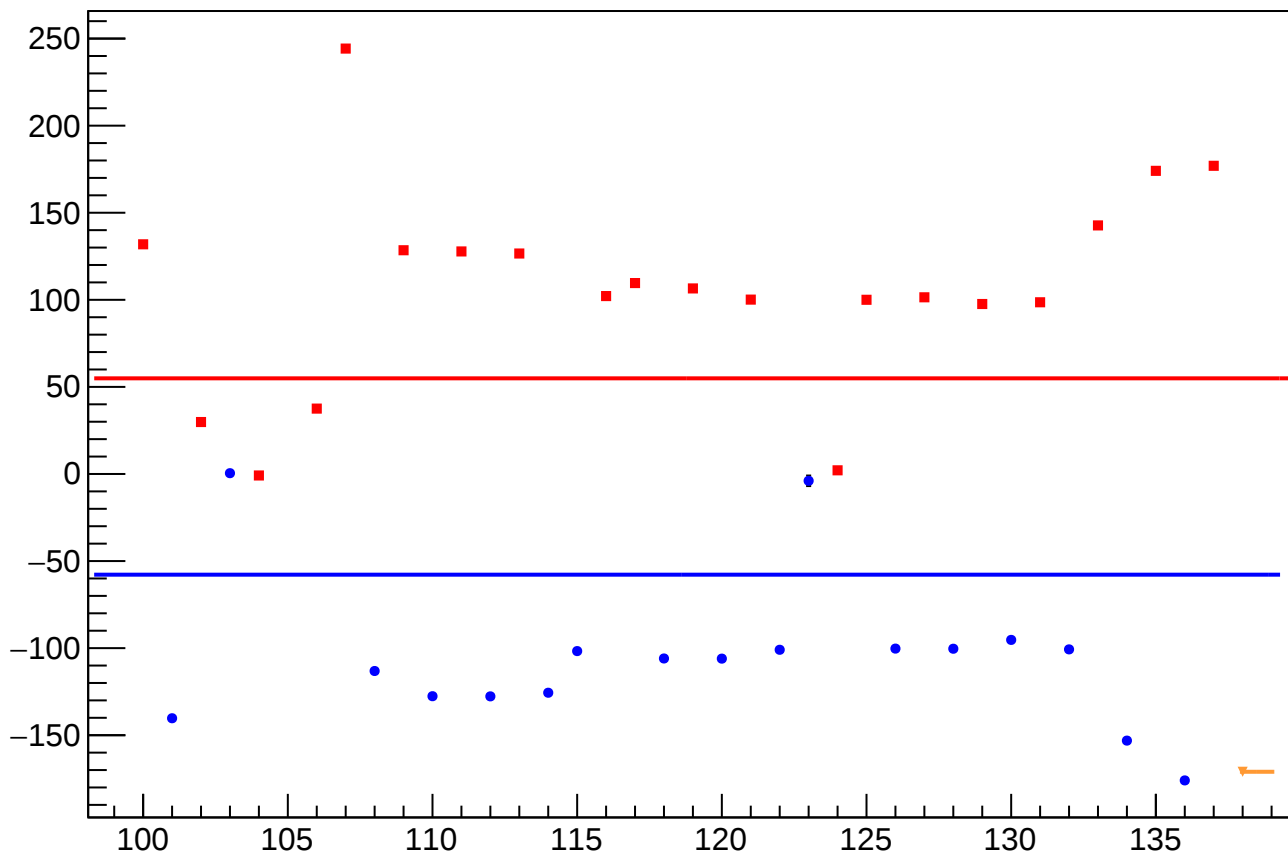
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

42.664+/-1.259 χ^2/NDF : 833.6/17

4.508+/-0.887 χ^2/NDF : 3209.8/37

-33.045+/-1.249 χ^2/NDF : 553.1/19

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -57.821+/-0.062 χ^2/NDF : 1101296.2/16

Left Out: -170.990+/-0.244 χ^2/NDF : 0.0/0

Right Out: 54.915+/-0.060 χ^2/NDF : 1001968.3/19

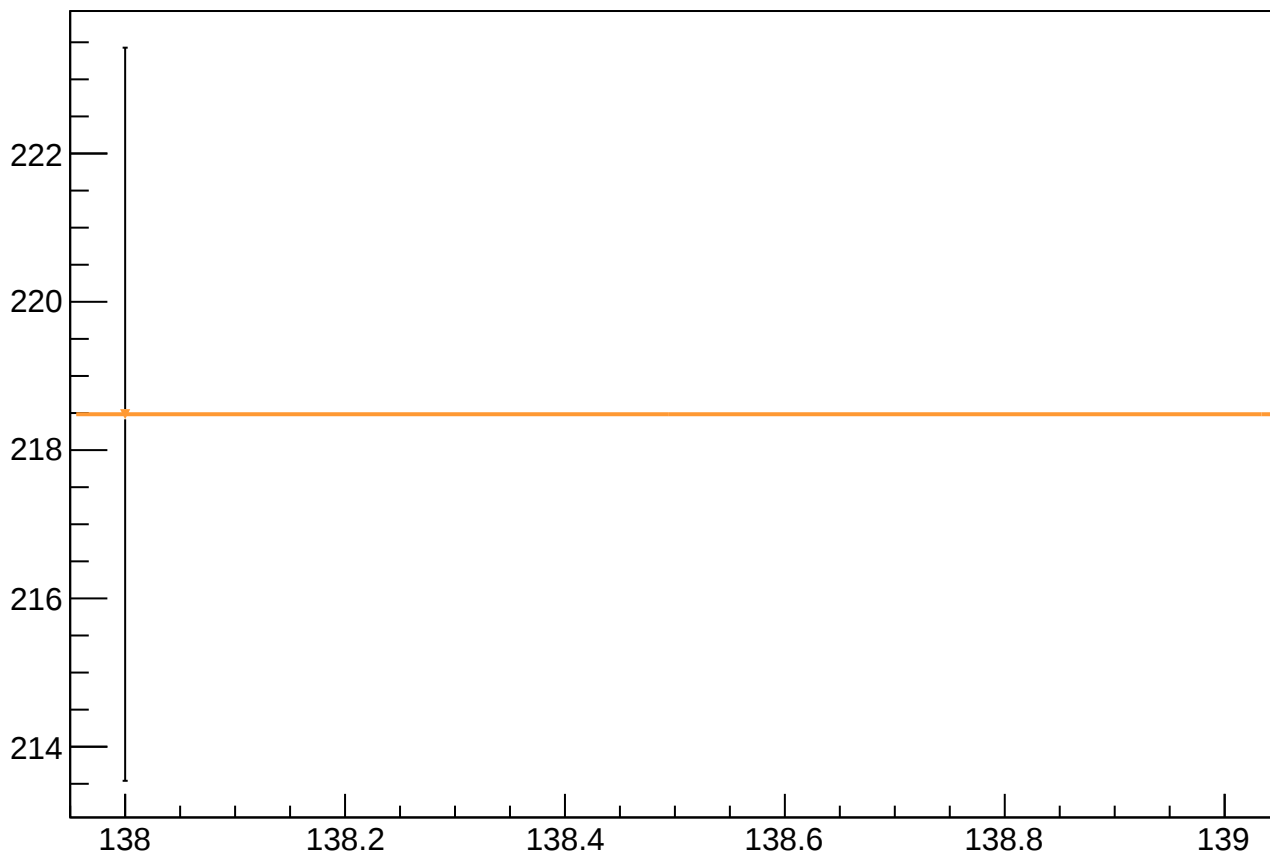
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-64.634+/-0.060 χ^2/NDF : 1303239.2/17

-5.146+/-0.042 χ^2/NDF : 4287282.0/37

54.915+/-0.060 χ^2/NDF : 1001968.3/19

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 218.484+/-4.943 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

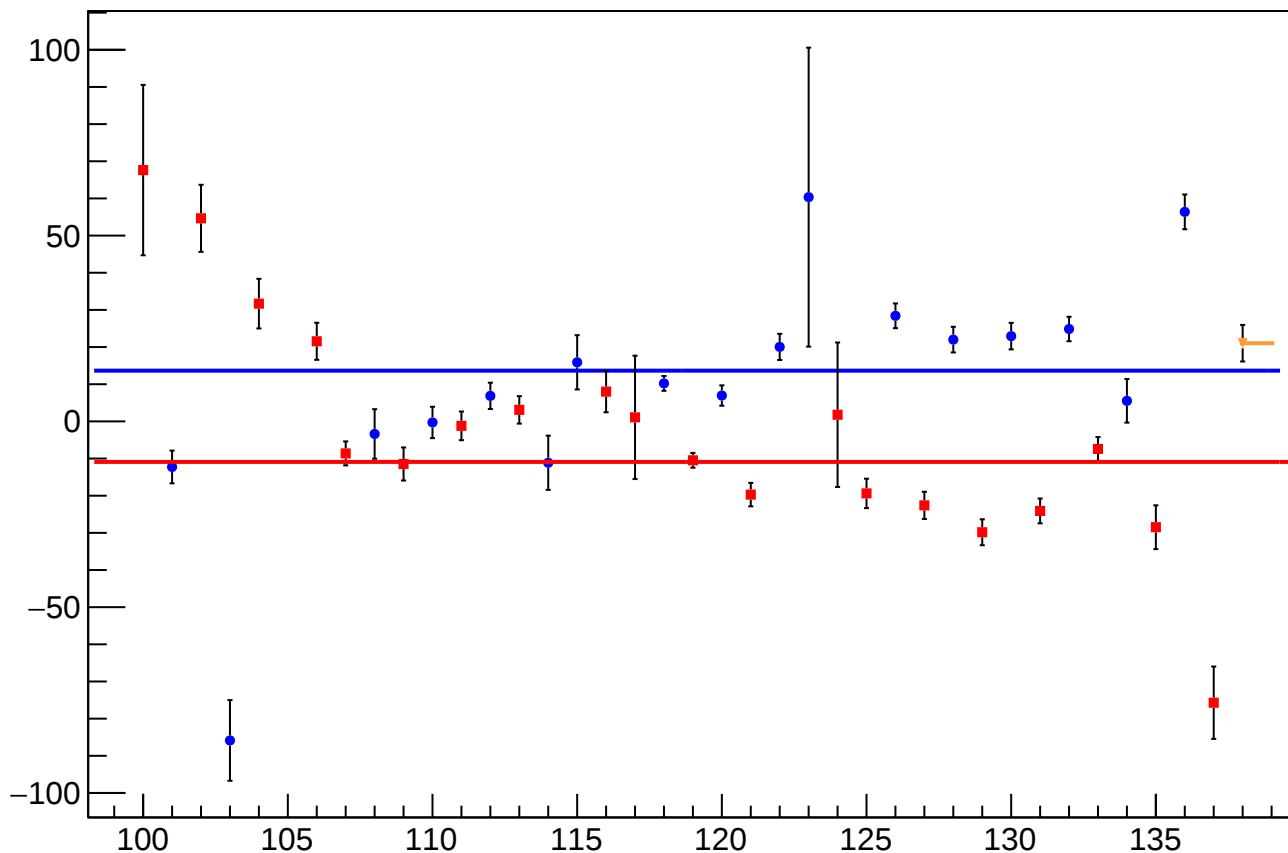
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

218.484+/-4.943 χ^2/NDF : 0.0/0

218.484+/-4.943 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.652 $\pm$ 0.936 χ^2 /NDF: 294.0/16

Left Out: 21.037 $\pm$ 4.923 χ^2 /NDF: 0.0/0

Right Out: -10.908 $\pm$ 0.912 χ^2 /NDF: 303.1/19

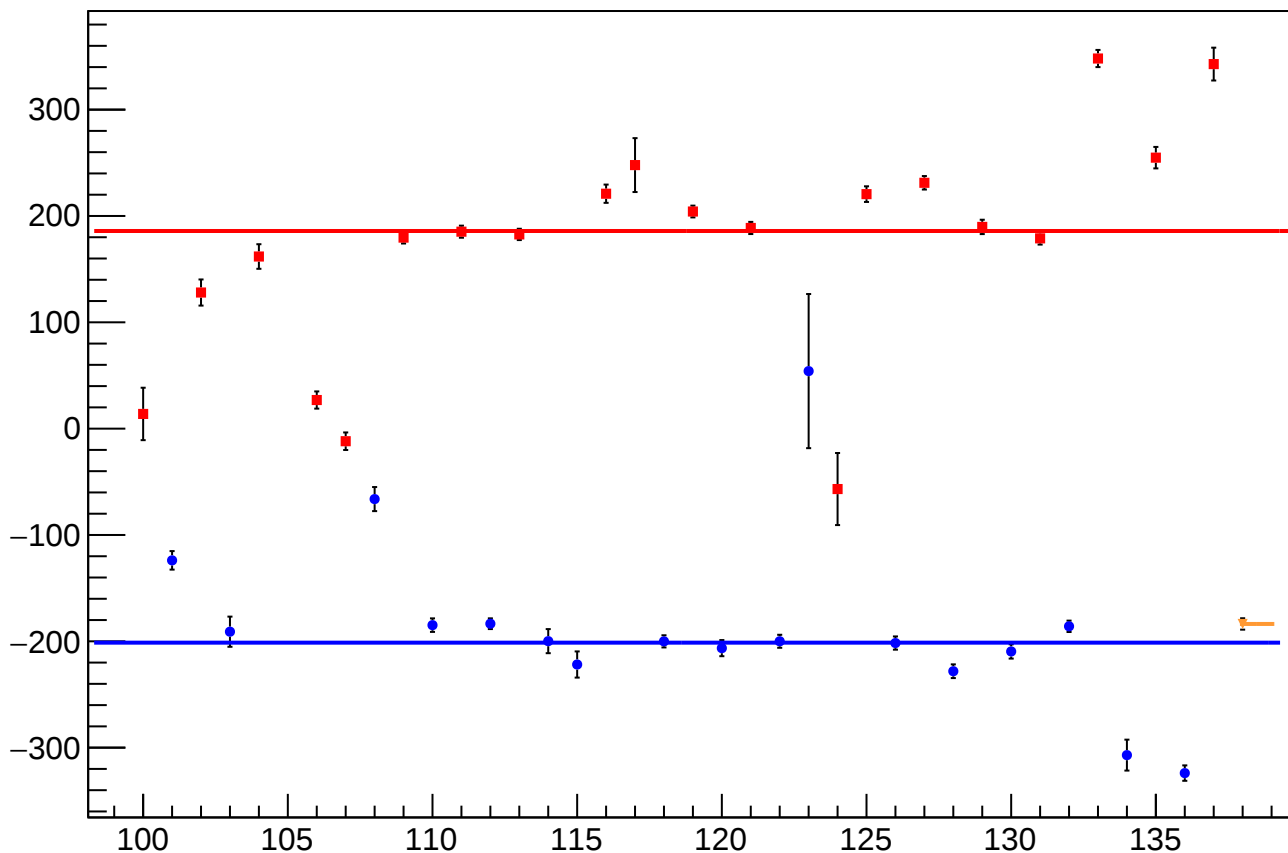
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

13.910 $\pm$ 0.920 χ^2 /NDF: 296.2/17

1.393 $\pm$ 0.648 χ^2 /NDF: 966.5/37

-10.908 $\pm$ 0.912 χ^2 /NDF: 303.1/19

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.266+/-1.795 χ^2/NDF : 623.4/16

Left Out: -183.674+/-5.359 χ^2/NDF : 0.0/0

Right Out: 185.871+/-1.695 χ^2/NDF : 1752.0/19

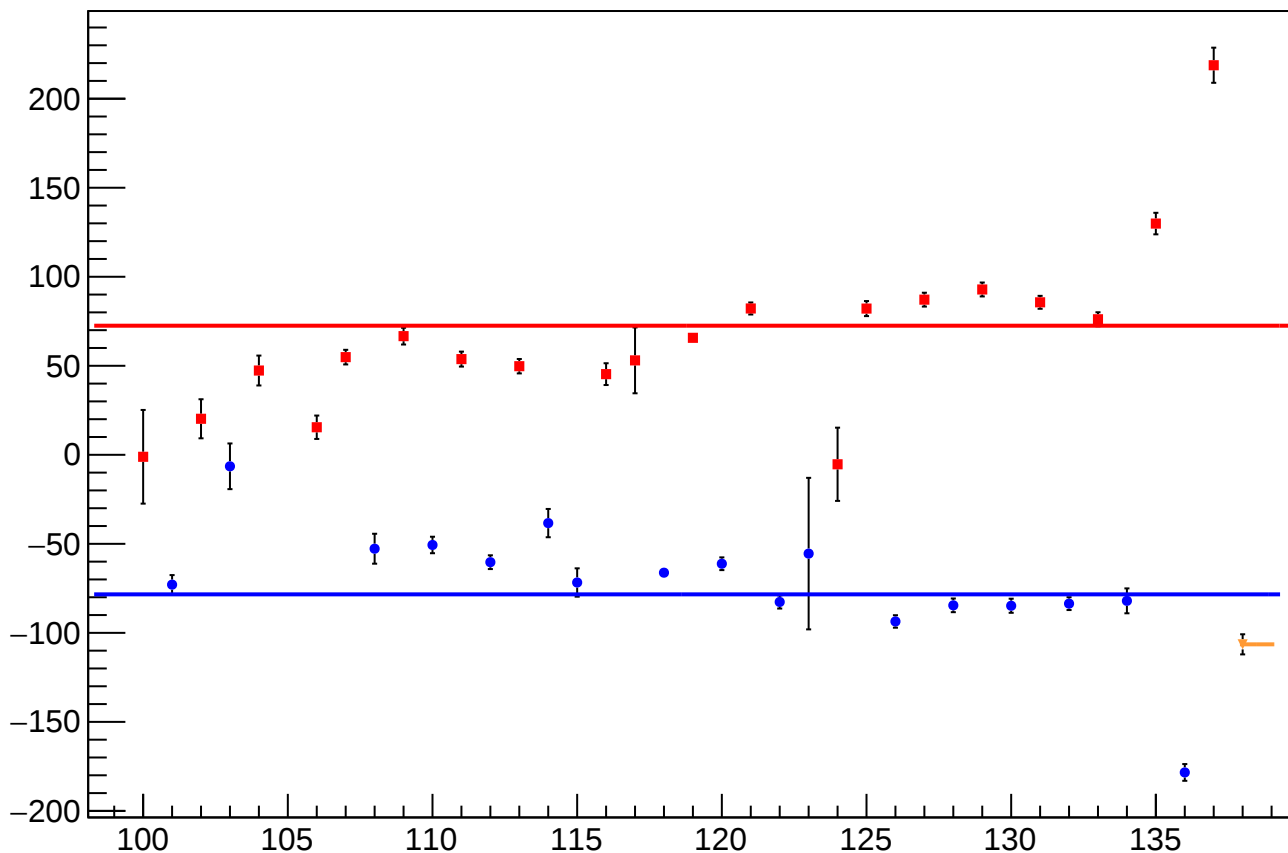
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-199.491+/-1.702 χ^2/NDF : 633.1/17

-6.028+/-1.201 χ^2/NDF : 28110.0/37

185.871+/-1.695 χ^2/NDF : 1752.0/19

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -78.376 ± 1.081 χ^2/NDF : 651.4/16

Left Out: -106.447 ± 5.654 χ^2/NDF : 0.0/0

Right Out: 72.514 ± 1.050 χ^2/NDF : 607.0/19

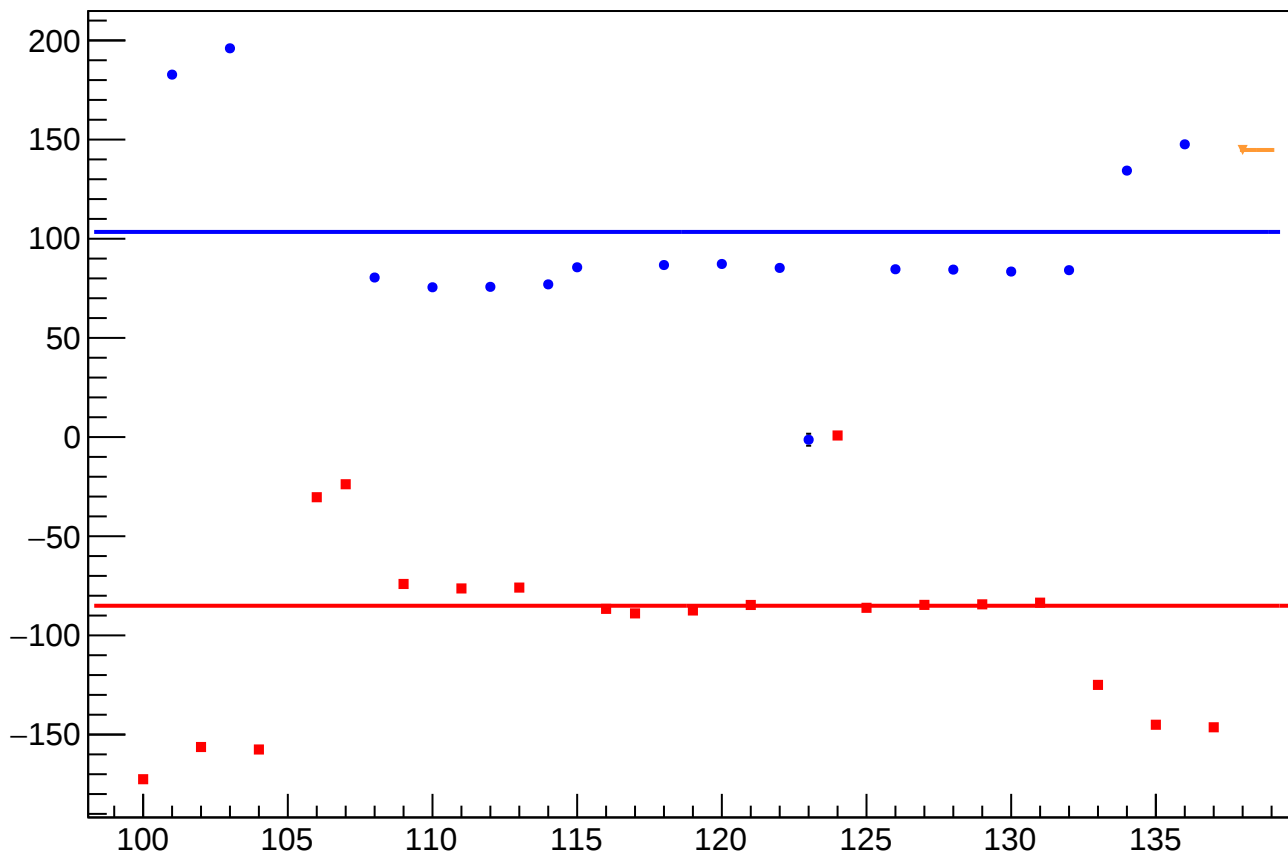
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-79.367 ± 1.062 χ^2/NDF : 675.1/17

-2.547 ± 0.747 χ^2/NDF : 11624.9/37

72.514 ± 1.050 χ^2/NDF : 607.0/19

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.436+/-0.071 χ^2/NDF : 272785.6/16

Left Out: 144.759+/-0.212 χ^2/NDF : 0.0/0

Right Out: -85.054+/-0.064 χ^2/NDF : 422354.0/19

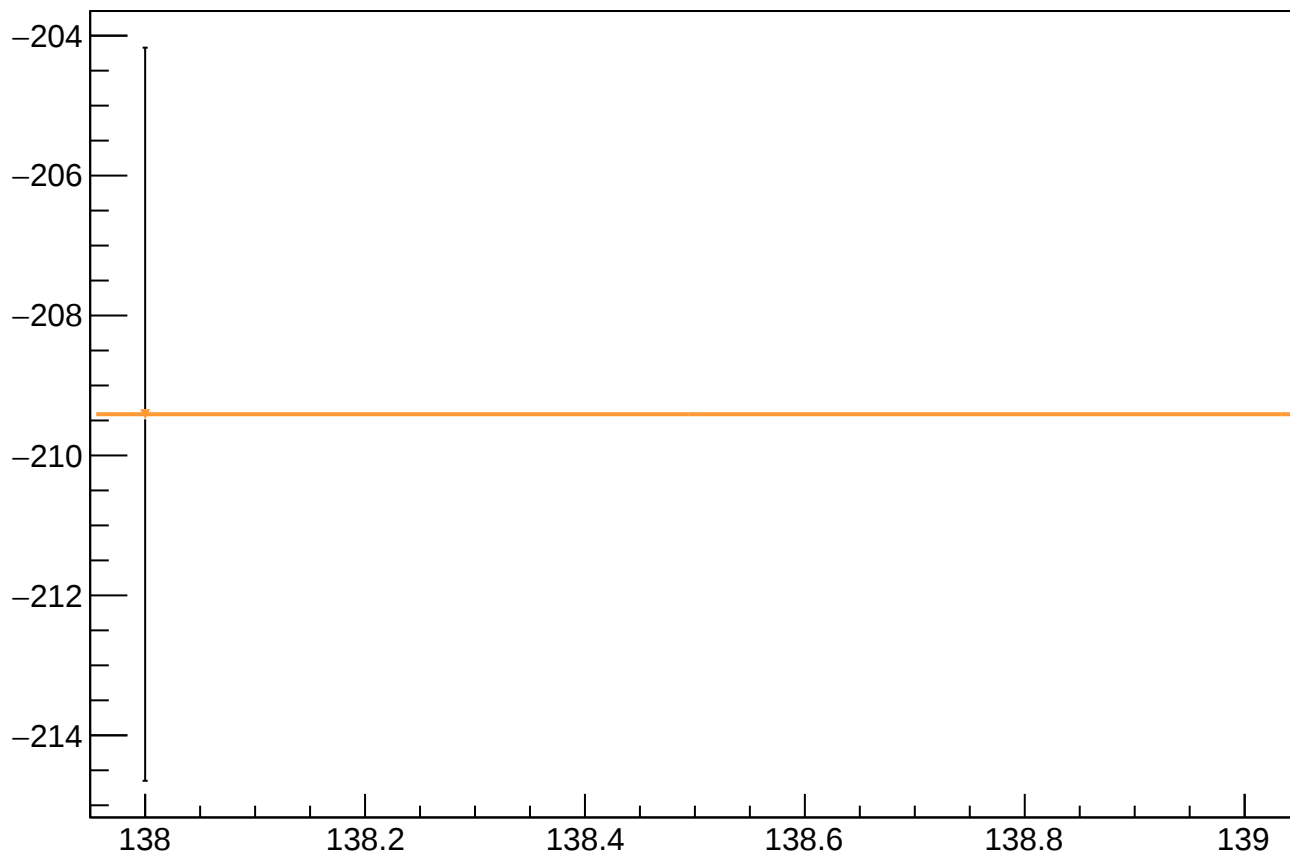
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

107.581+/-0.067 χ^2/NDF : 306875.1/17

5.990+/-0.046 χ^2/NDF : 5059053.5/37

-85.054+/-0.064 χ^2/NDF : 422354.0/19

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -209.411+/-5.239 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

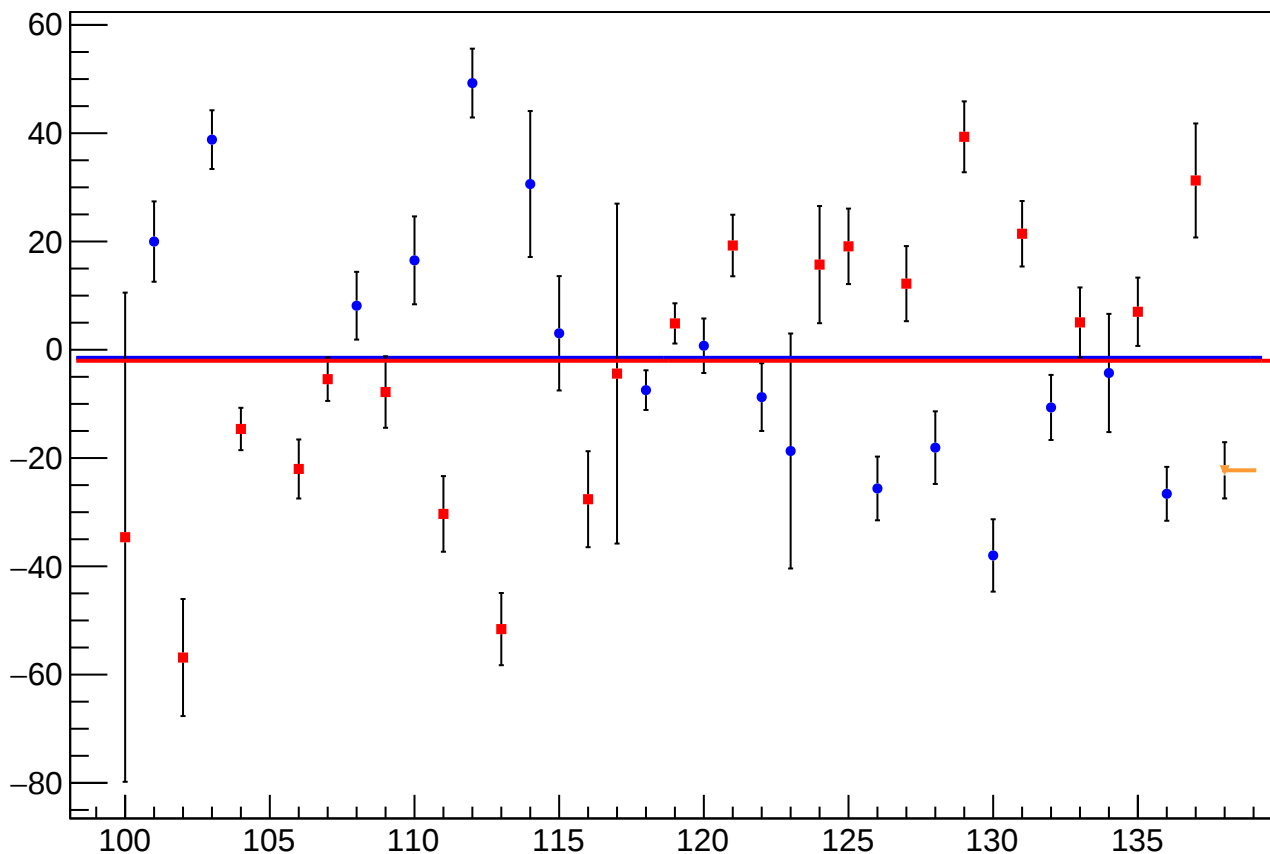
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-209.411+/-5.239 χ^2/NDF : 0.0/0

-209.411+/-5.239 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.490+/-1.536 χ^2 /NDF: 226.0/16

Left Out: -22.268+/-5.195 χ^2 /NDF: 0.0/0

Right Out: -2.032+/-1.398 χ^2 /NDF: 233.3/19

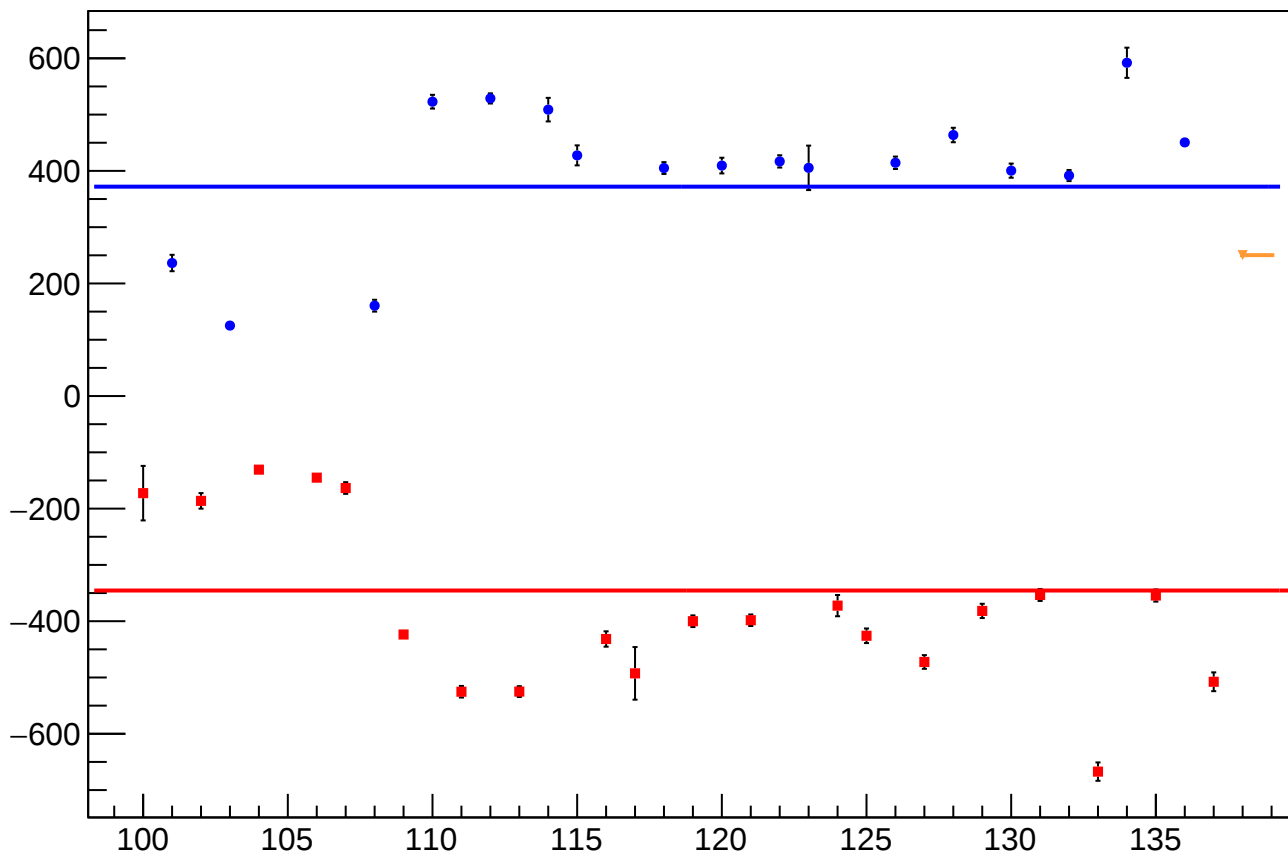
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-3.161+/-1.473 χ^2 /NDF: 240.7/17

-2.567+/-1.014 χ^2 /NDF: 474.3/37

-2.032+/-1.398 χ^2 /NDF: 233.3/19

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.975+/-2.778 χ^2/NDF : 2432.6/16

Left Out: 250.327+/-5.680 χ^2/NDF : 0.0/0

Right Out: -345.485+/-2.558 χ^2/NDF : 3425.1/19

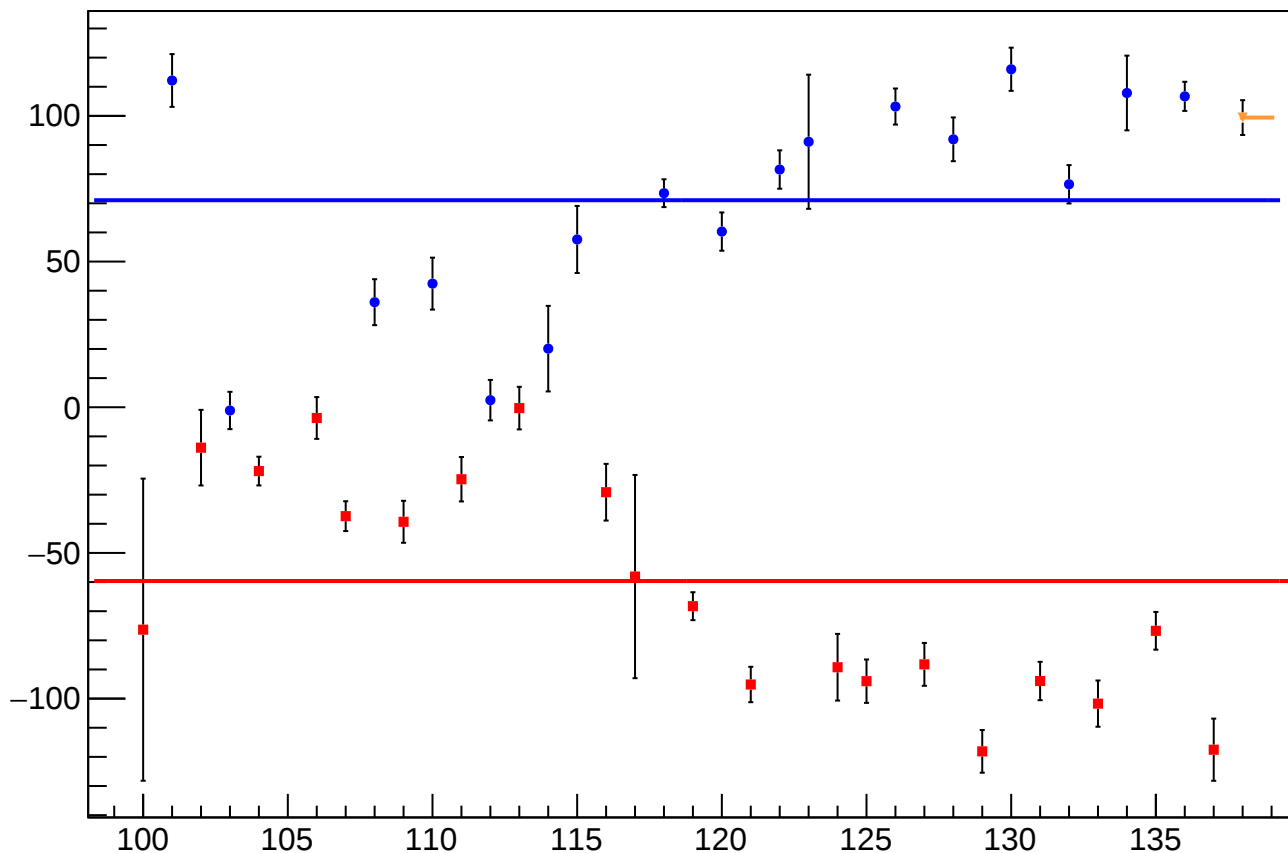
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

348.494+/-2.495 χ^2/NDF : 2802.8/17

10.156+/-1.786 χ^2/NDF : 43939.5/37

-345.485+/-2.558 χ^2/NDF : 3425.1/19

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 71.056 $\pm$ 1.764 χ^2 /NDF: 426.2/16

Left Out: 99.422 $\pm$ 5.973 χ^2 /NDF: 0.0/0

Right Out: -59.634 $\pm$ 1.629 χ^2 /NDF: 491.6/19

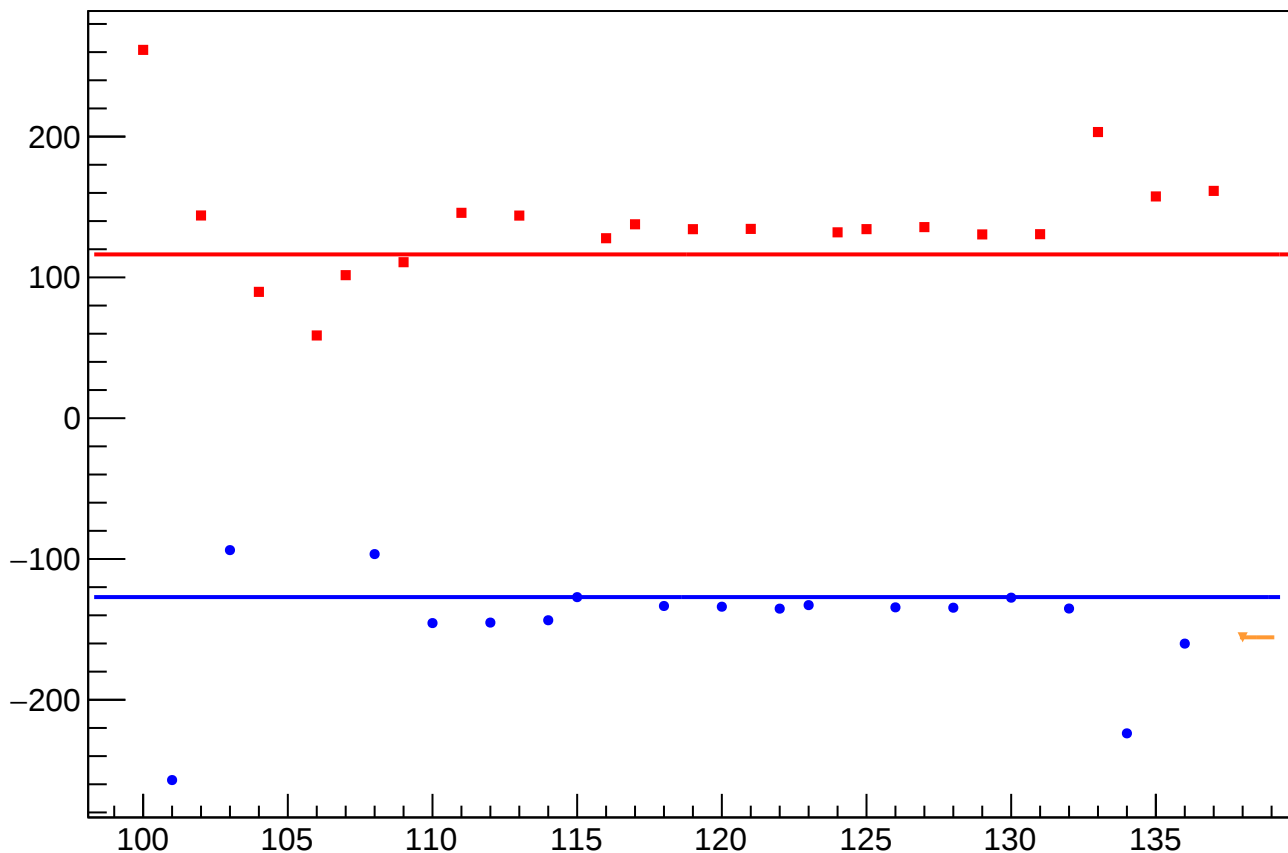
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

73.332 $\pm$ 1.692 χ^2 /NDF: 446.9/17

4.348 $\pm$ 1.174 χ^2 /NDF: 4143.3/37

-59.634 $\pm$ 1.629 χ^2 /NDF: 491.6/19

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.049+/-0.090 χ^2/NDF : 167014.4/16

Left Out: -155.633+/-0.225 χ^2/NDF : 0.0/0

Right Out: 116.327+/-0.083 χ^2/NDF : 167208.7/19

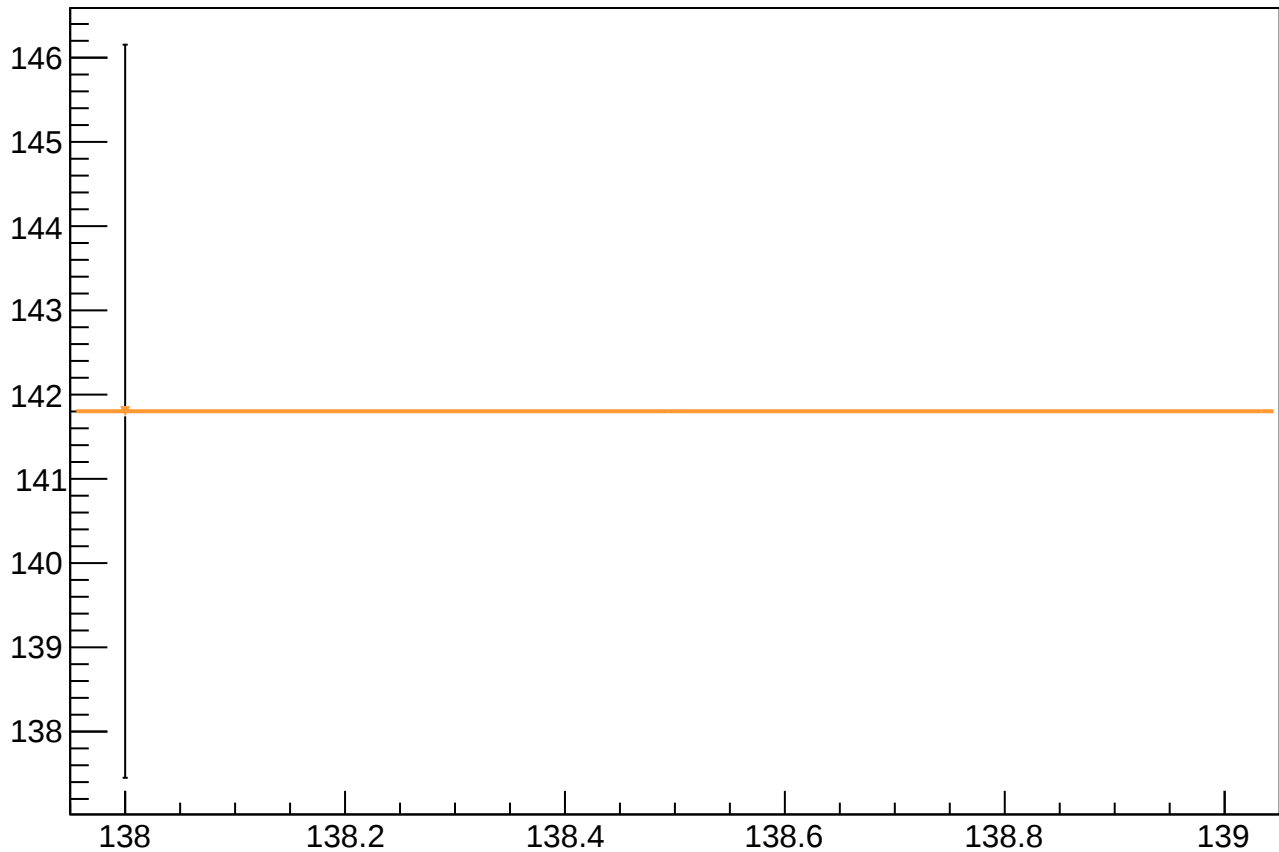
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-130.962+/-0.083 χ^2/NDF : 180890.7/17

-6.595+/-0.059 χ^2/NDF : 4768934.3/37

116.327+/-0.083 χ^2/NDF : 167208.7/19

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 141.803+/-4.352 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

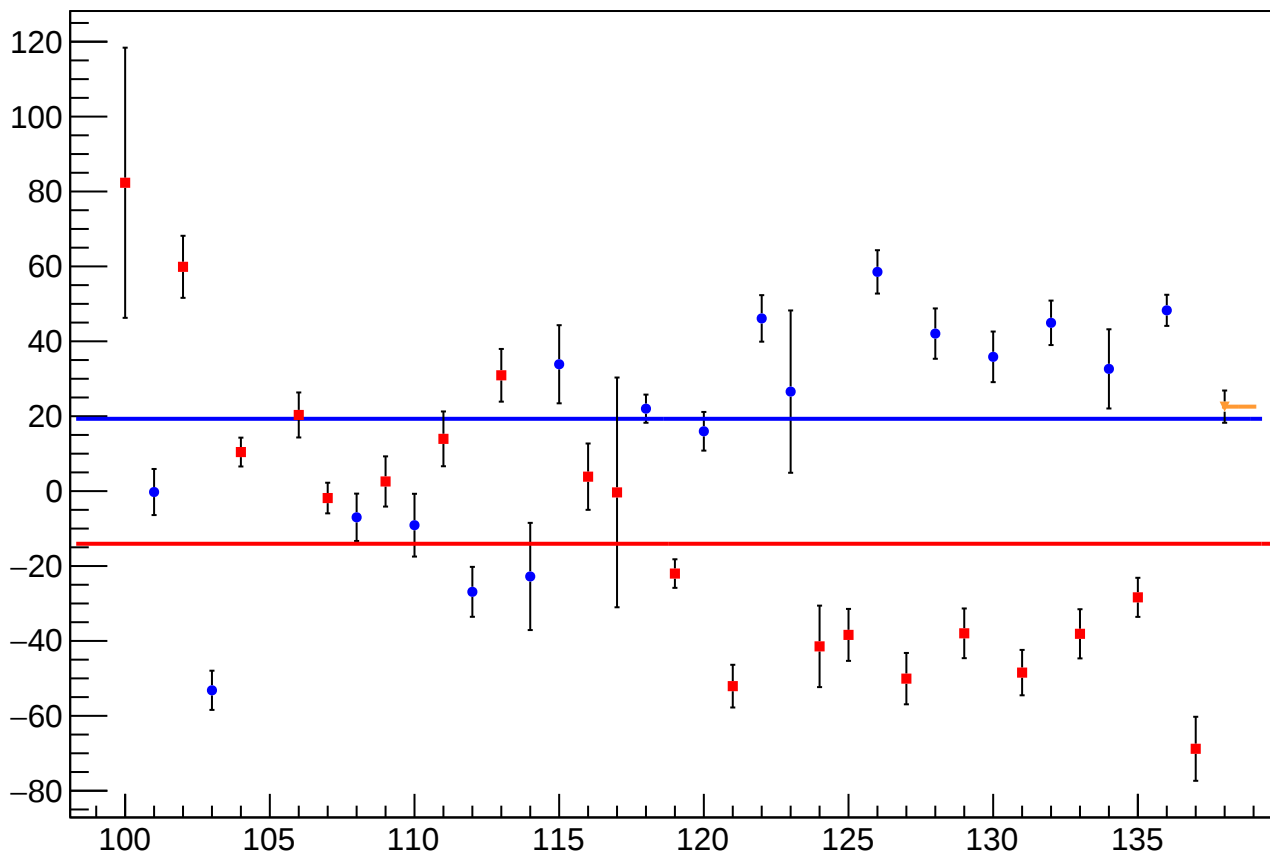
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

141.803+/-4.352 χ^2/NDF : 0.0/0

141.803+/-4.352 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.308+/-1.500 χ^2/NDF : 441.3/16

Left Out: 22.557+/-4.306 χ^2/NDF : 0.0/0

Right Out: -14.055+/-1.388 χ^2/NDF : 437.1/19

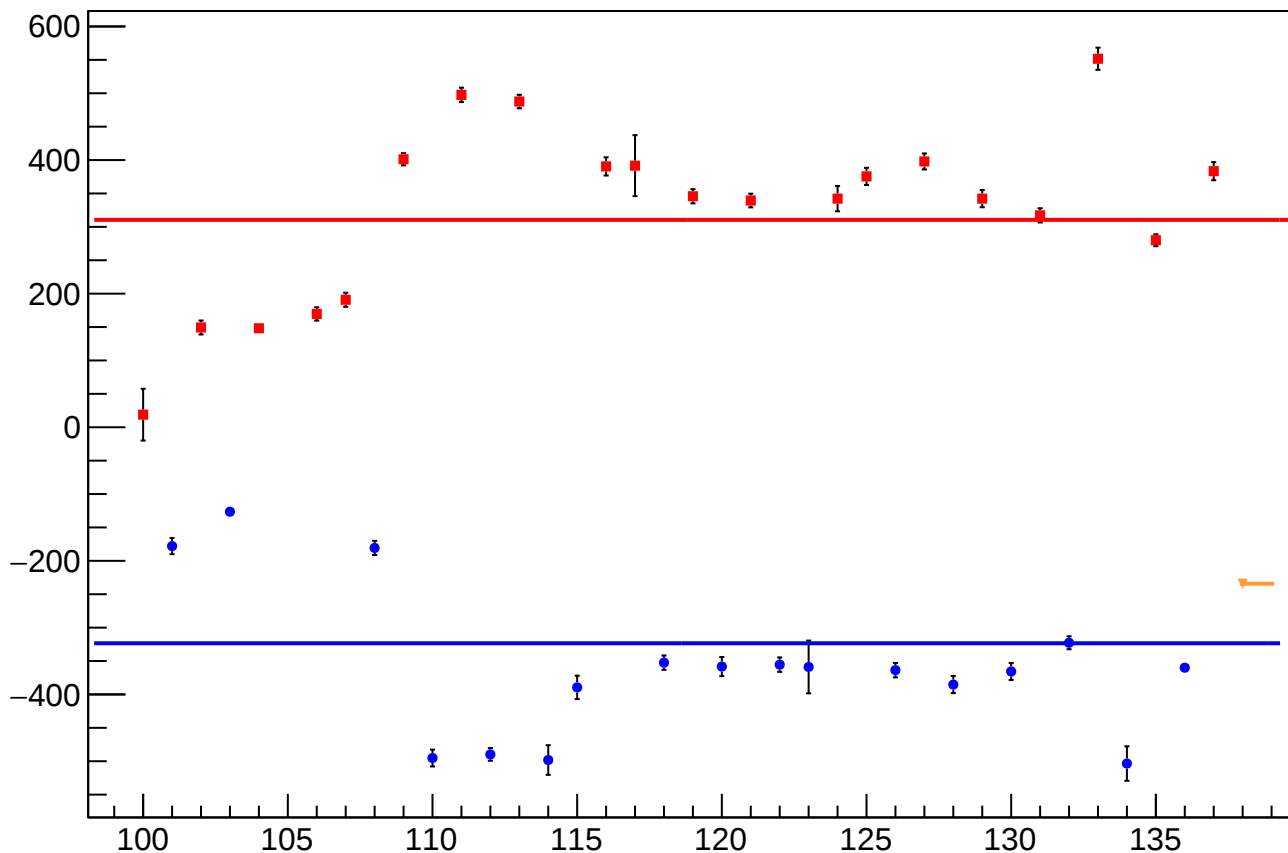
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

19.660+/-1.417 χ^2/NDF : 441.8/17

2.459+/-0.992 χ^2/NDF : 1167.8/37

-14.055+/-1.388 χ^2/NDF : 437.1/19

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.402+/-2.684 χ^2/NDF : 1849.6/16

Left Out: -234.175+/-4.717 χ^2/NDF : 0.0/0

Right Out: 310.484+/-2.520 χ^2/NDF : 2302.0/19

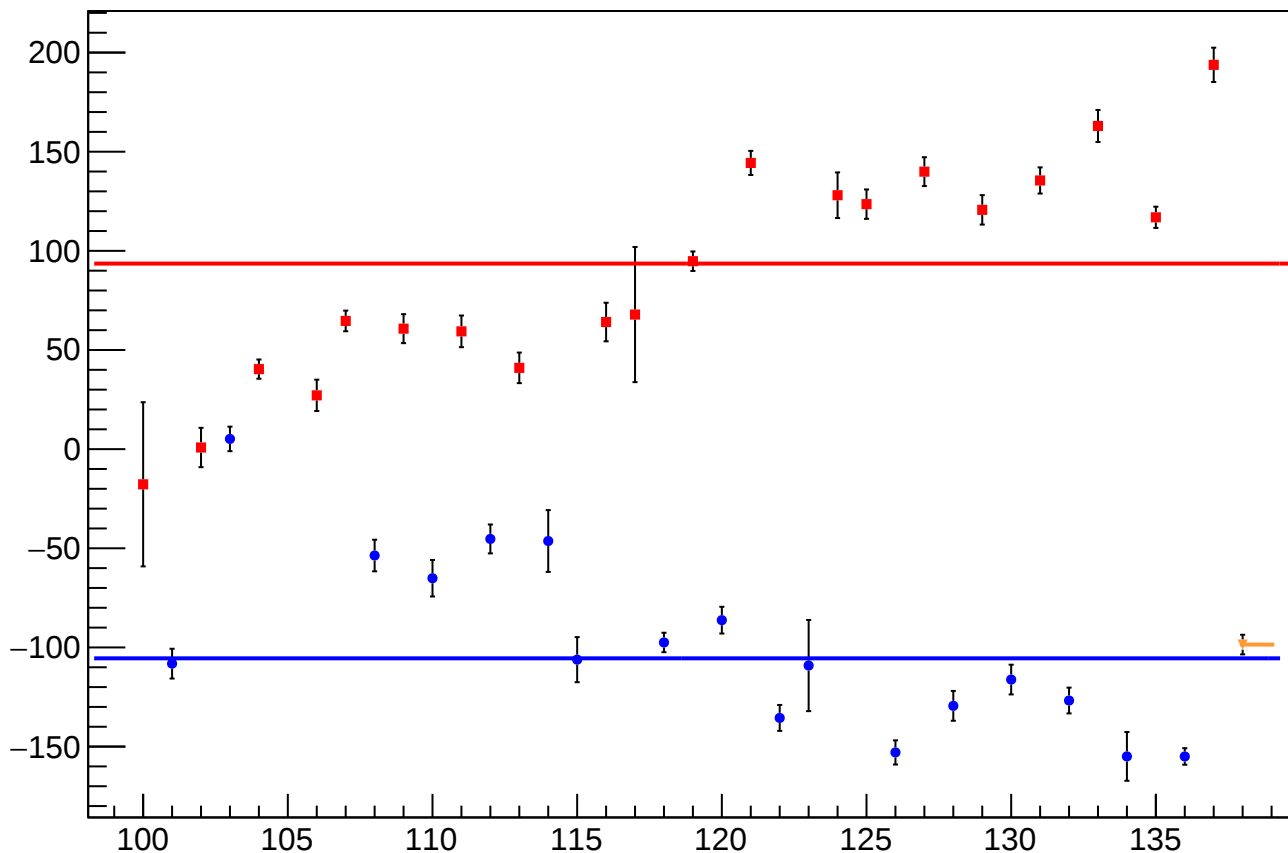
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-301.582+/-2.333 χ^2/NDF : 2119.9/17

-19.066+/-1.712 χ^2/NDF : 36196.4/37

310.484+/-2.520 χ^2/NDF : 2302.0/19

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.496+/-1.712 χ^2 /NDF: 737.3/16

Left Out: -98.557+/-4.951 χ^2 /NDF: 0.0/0

Right Out: 93.579+/-1.608 χ^2 /NDF: 827.7/19

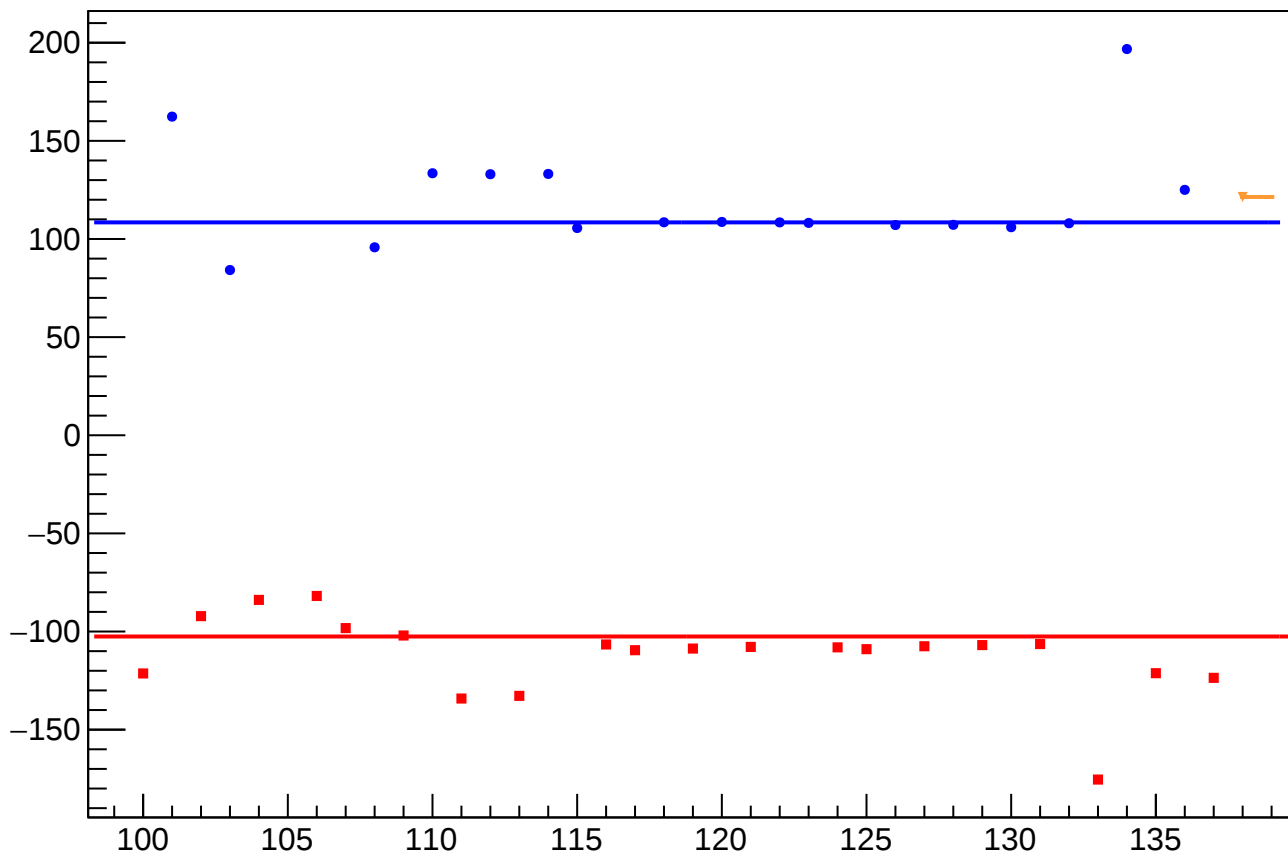
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-104.755+/-1.618 χ^2 /NDF: 739.1/17

-4.997+/-1.141 χ^2 /NDF: 9124.4/37

93.579+/-1.608 χ^2 /NDF: 827.7/19

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.460+/-0.085 χ^2/NDF : 73301.9/16

Left Out: 121.402+/-0.187 χ^2/NDF : 0.0/0

Right Out: -102.532+/-0.079 χ^2/NDF : 53003.2/19

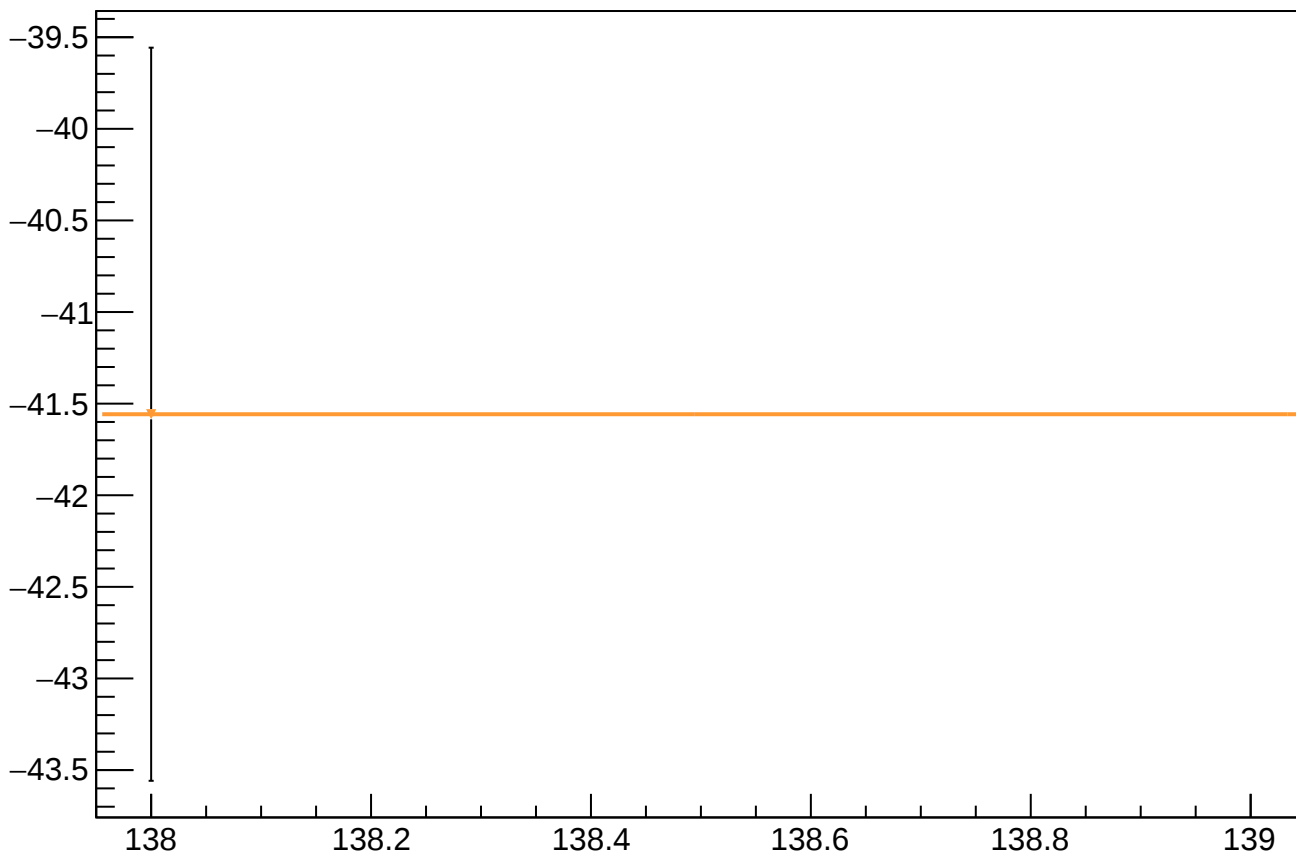
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

110.669+/-0.077 χ^2/NDF : 77259.0/17

6.902+/-0.055 χ^2/NDF : 3822595.6/37

-102.532+/-0.079 χ^2/NDF : 53003.2/19

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -41.558+/-2.001 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

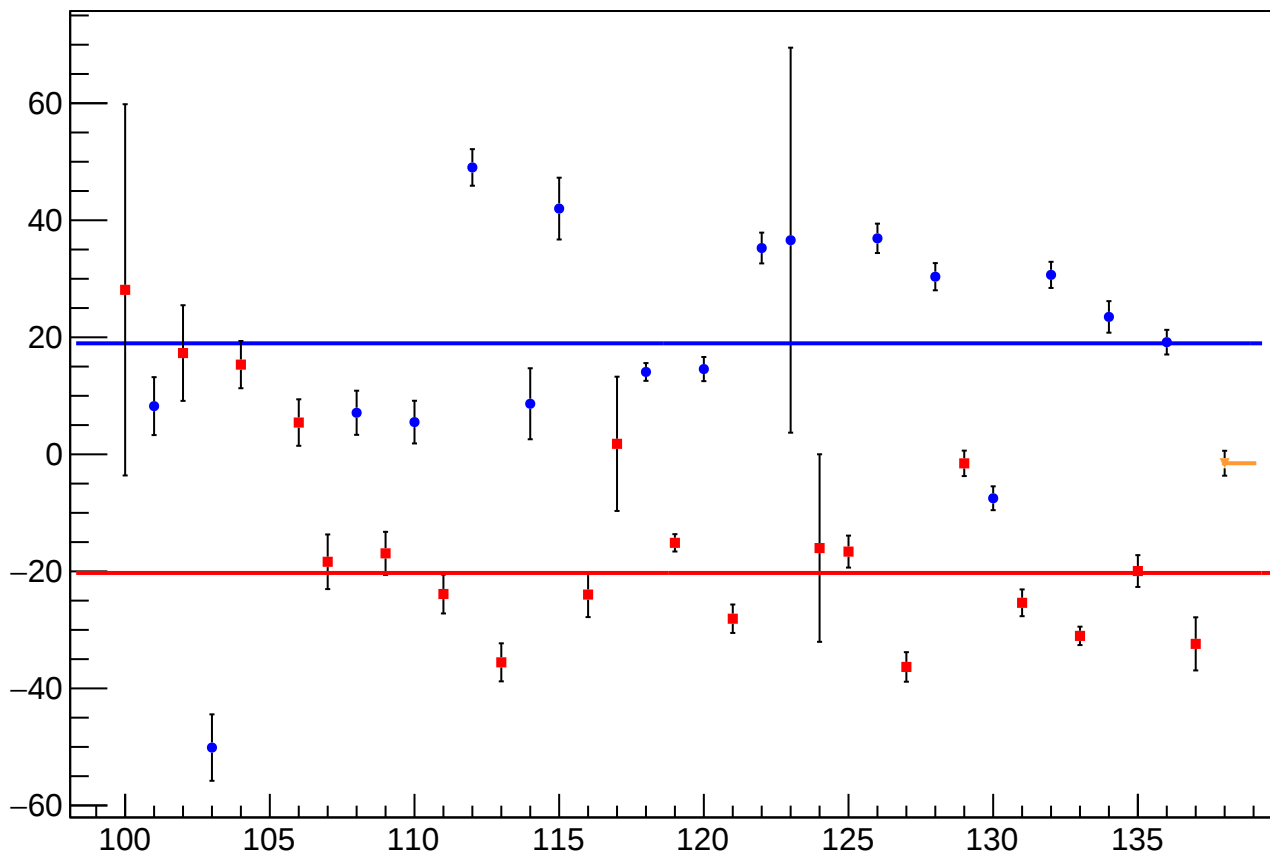
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-41.558+/-2.001 χ^2/NDF : 0.0/0

-41.558+/-2.001 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.970+/-0.653 χ^2 /NDF: 618.4/16

Left Out: -1.521+/-2.130 χ^2 /NDF: 0.0/0

Right Out: -20.269+/-0.641 χ^2 /NDF: 370.1/19

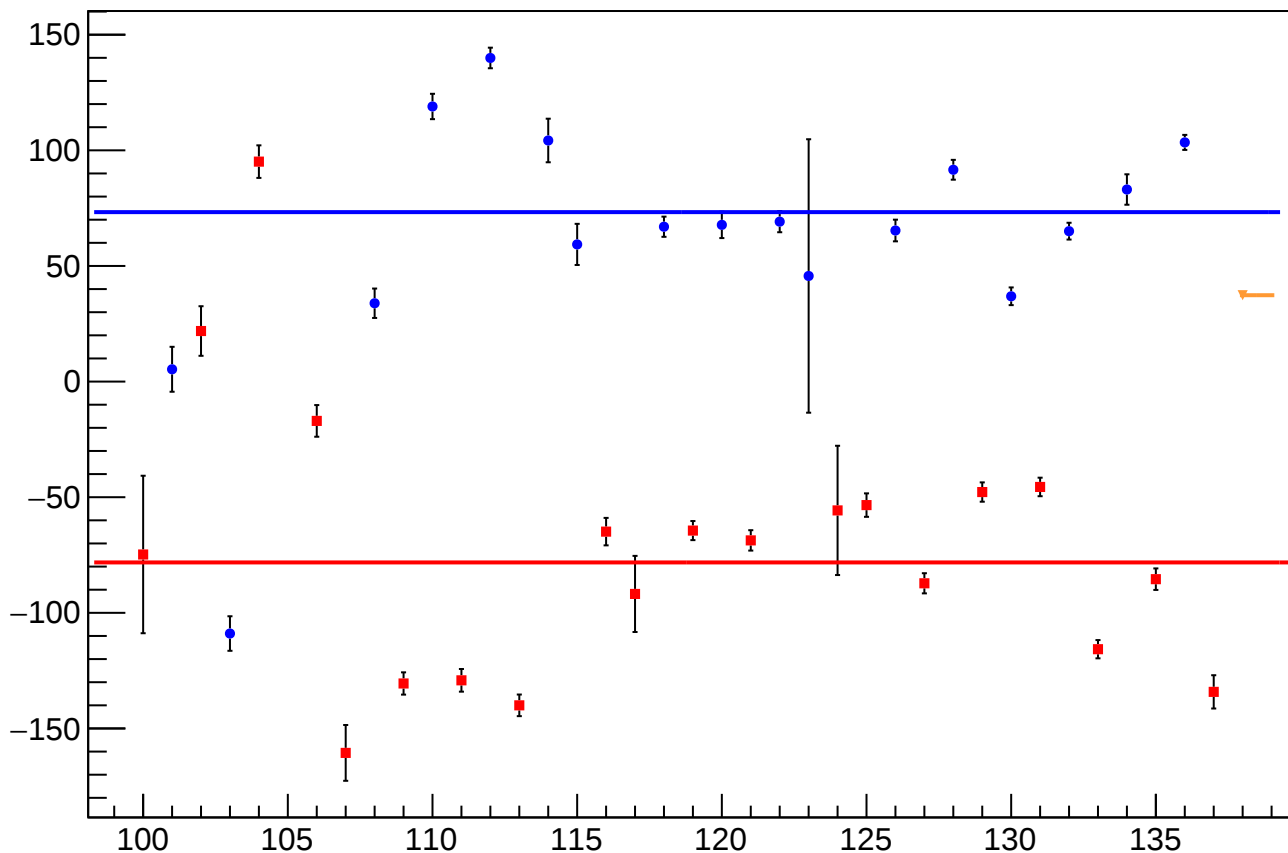
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

17.210+/-0.624 χ^2 /NDF: 703.0/17

-1.030+/-0.447 χ^2 /NDF: 2827.0/37

-20.269+/-0.641 χ^2 /NDF: 370.1/19

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 73.278 $\pm$ 1.236 χ^2 /NDF: 1198.6/16

Left Out: 37.350 $\pm$ 2.170 χ^2 /NDF:0.0/0

Right Out: -78.205 $\pm$ 1.219 χ^2 /NDF: 1544.0/19

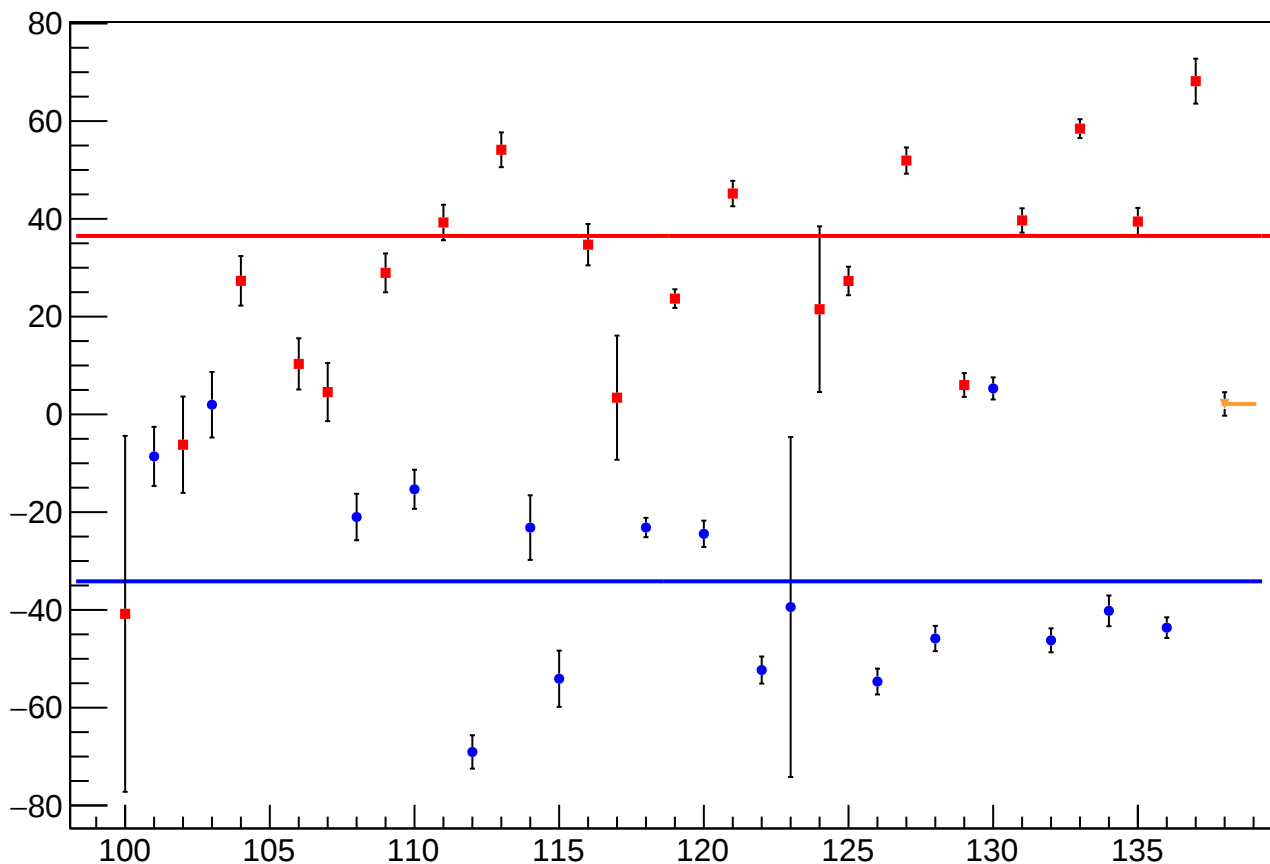
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

64.474 $\pm$ 1.074 χ^2 /NDF: 1405.5/17

2.110 $\pm$ 0.806 χ^2 /NDF: 10659.0/37

-78.205 $\pm$ 1.219 χ^2 /NDF: 1544.0/19

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -34.153+/-0.745 χ^2/NDF : 717.5/16

Left Out: 2.136+/-2.401 χ^2/NDF : 0.0/0

Right Out: 36.507+/-0.735 χ^2/NDF : 553.8/19

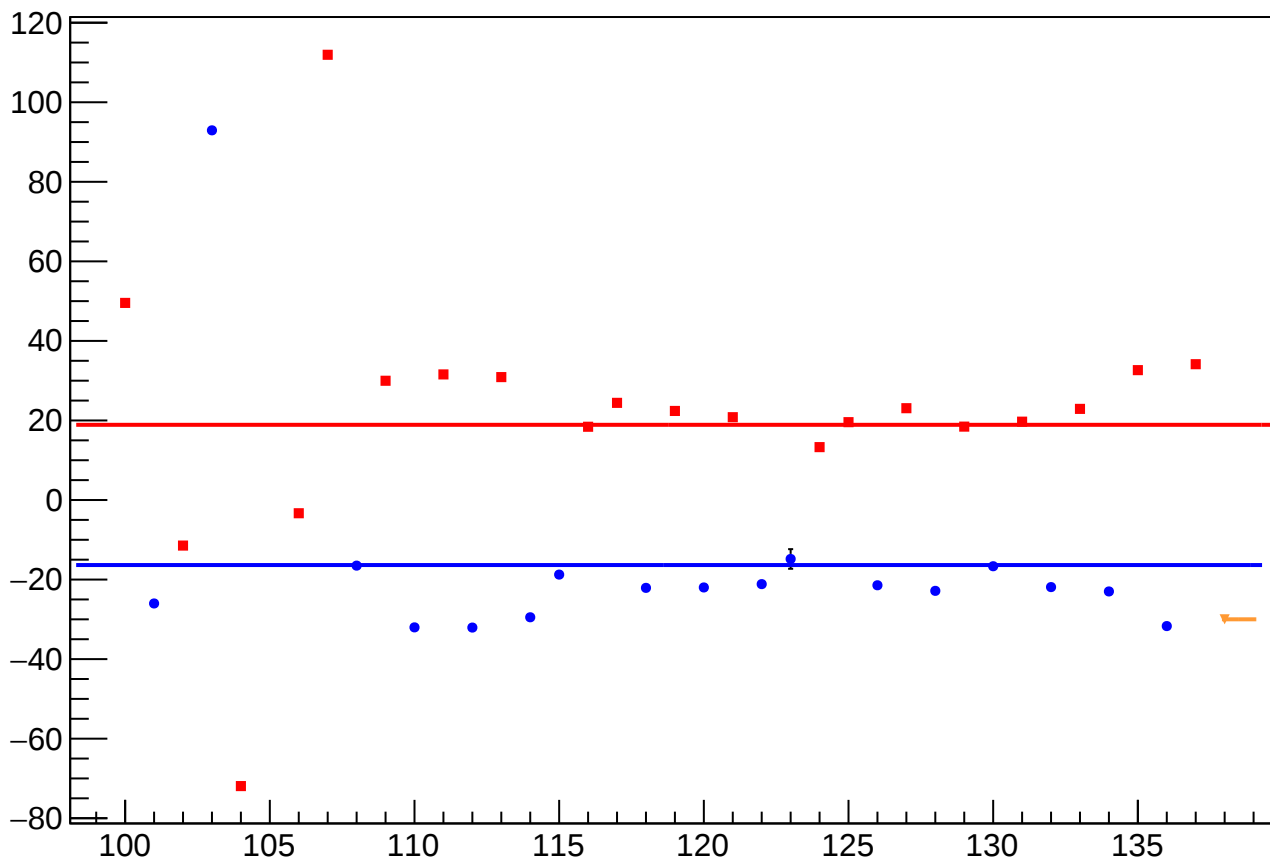
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-30.968+/-0.711 χ^2/NDF : 925.8/17

1.692+/-0.511 χ^2/NDF : 5833.9/37

36.507+/-0.735 χ^2/NDF : 553.8/19

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.349 $\pm$ 0.045 χ^2 /NDF: 474192.3/16

Left Out: -29.993 $\pm$ 0.084 χ^2 /NDF: 0.0/0

Right Out: 18.906 $\pm$ 0.045 χ^2 /NDF: 433847.1/19

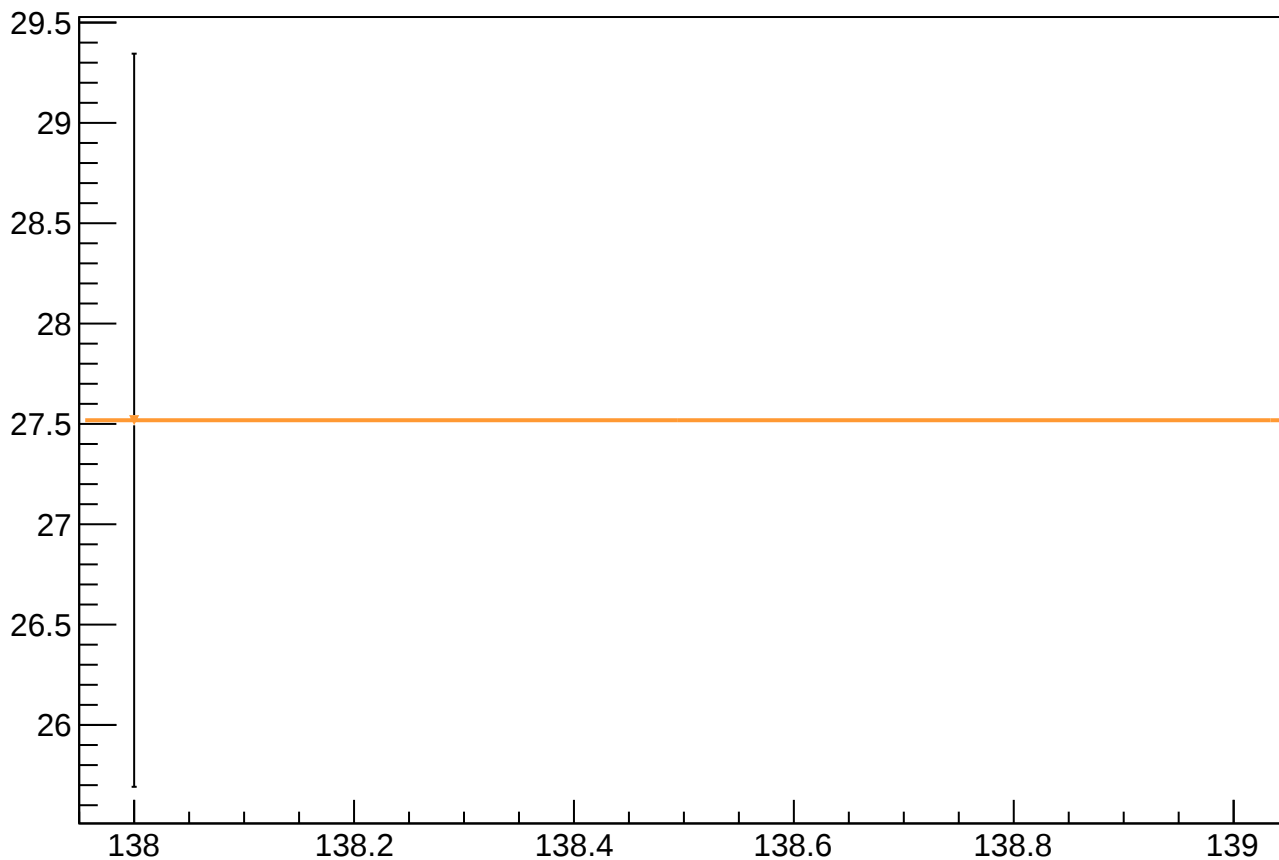
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-19.329 $\pm$ 0.039 χ^2 /NDF: 494594.9/17

-2.794 $\pm$ 0.030 χ^2 /NDF: 1334293.0/37

18.906 $\pm$ 0.045 χ^2 /NDF: 433847.1/19

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 27.518+/-1.827 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

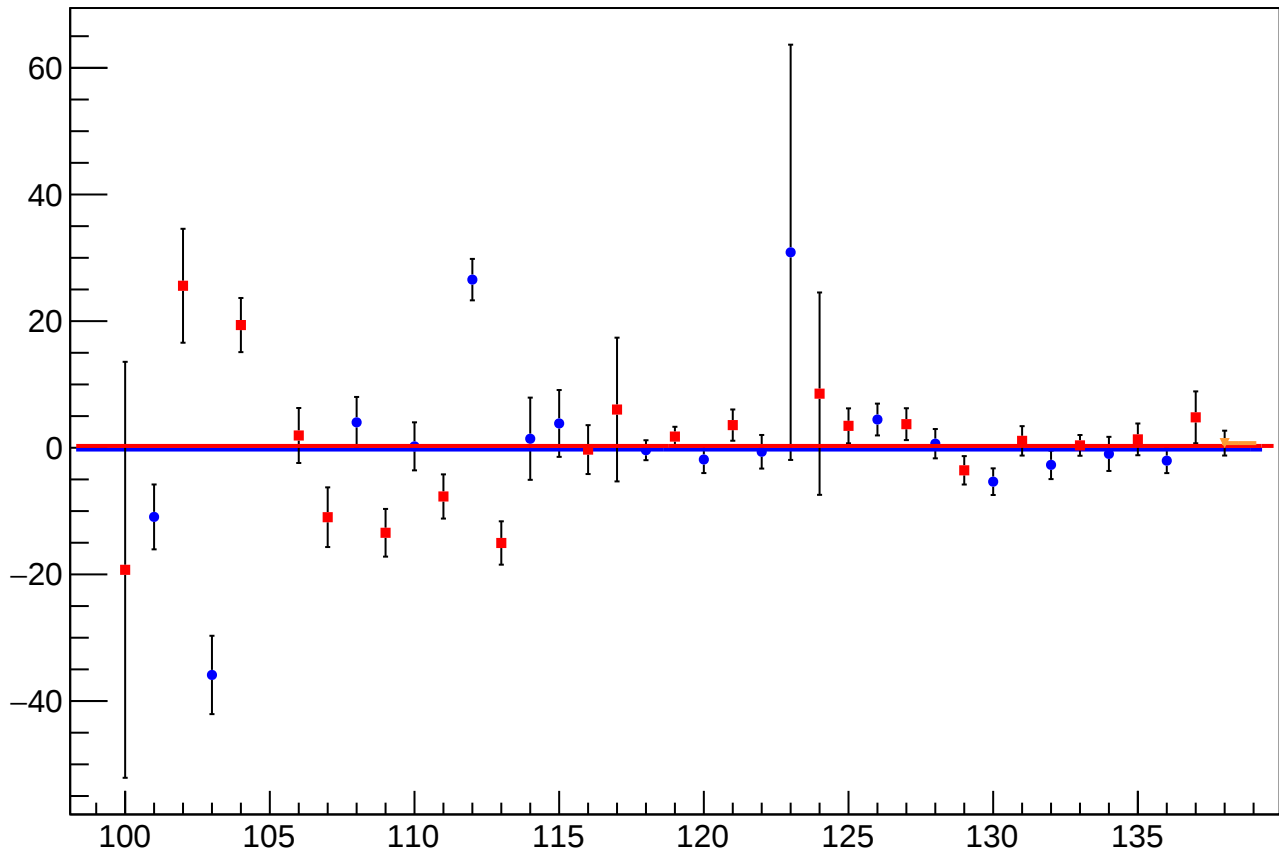
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27.518+/-1.827 χ^2/NDF : 0.0/0

27.518+/-1.827 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.280 ± 0.662 χ^2/NDF : 119.5/16

Left Out: 0.736 ± 1.964 χ^2/NDF : 0.0/0

Right Out: 0.289 ± 0.655 χ^2/NDF : 83.4/19

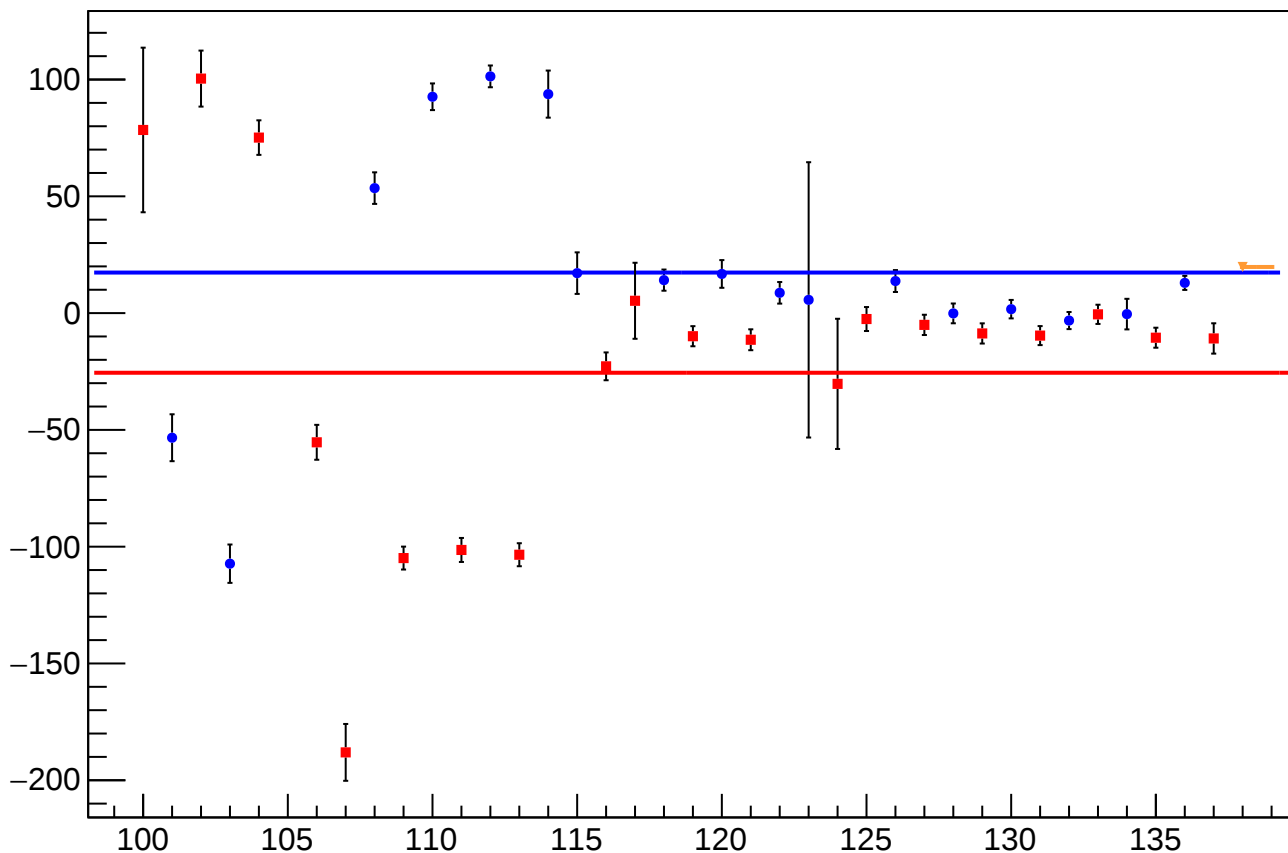
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.177 ± 0.628 χ^2/NDF : 119.8/17

0.046 ± 0.453 χ^2/NDF : 203.5/37

0.289 ± 0.655 χ^2/NDF : 83.4/19

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.361 $\pm$ 1.247 χ^2 /NDF: 943.0/16

Left Out: 19.756 $\pm$ 1.981 χ^2 /NDF: 0.0/0

Right Out: -25.537 $\pm$ 1.239 χ^2 /NDF: 1382.4/19

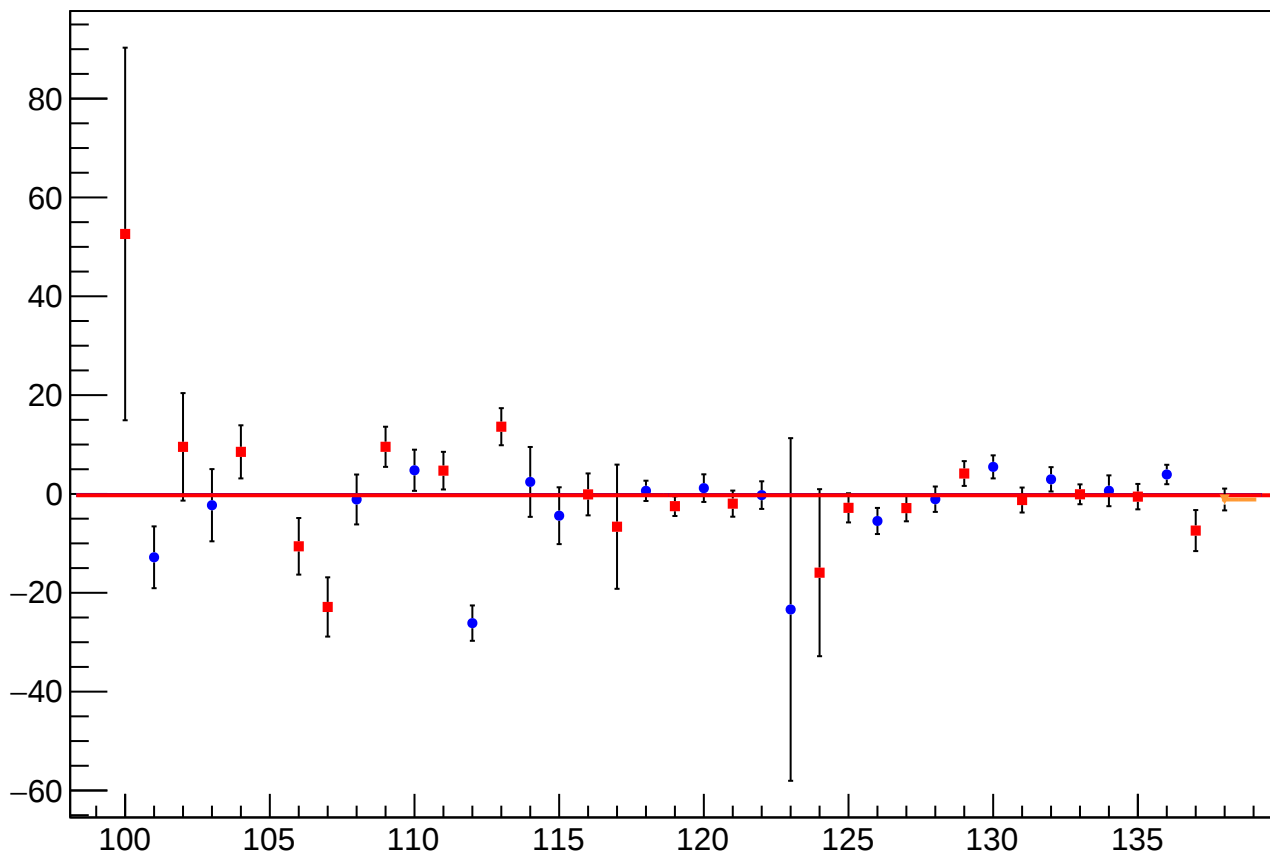
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

18.040 $\pm$ 1.055 χ^2 /NDF: 944.1/17

-0.276 $\pm$ 0.803 χ^2 /NDF: 3043.2/37

-25.537 $\pm$ 1.239 χ^2 /NDF: 1382.4/19

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.211 ± 0.752 $\chi^2/\text{NDF}: 75.9/16$

Left Out: -1.119 ± 2.207 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.262 ± 0.747 $\chi^2/\text{NDF}: 54.8/19$

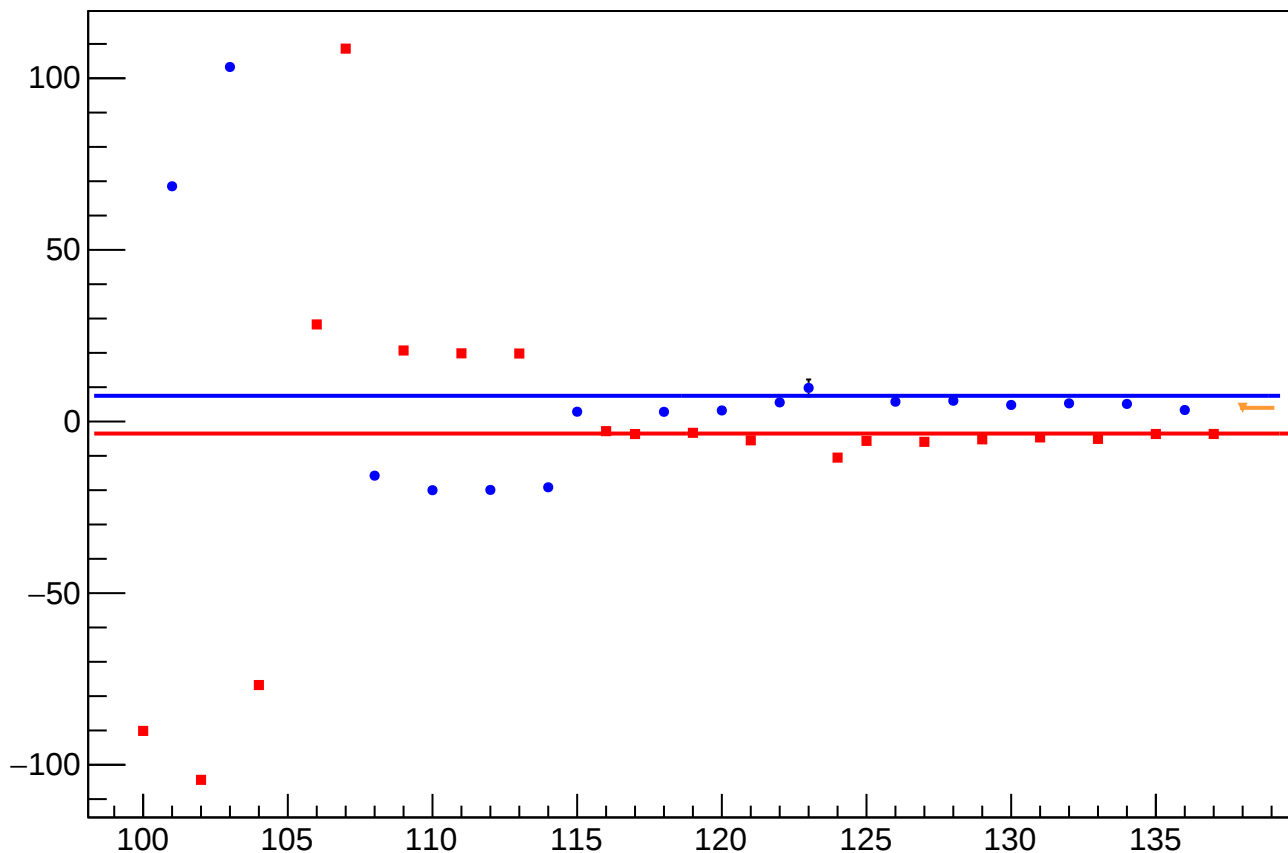
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.305 ± 0.712 $\chi^2/\text{NDF}: 76.0/17$

-0.285 ± 0.515 $\chi^2/\text{NDF}: 130.8/37$

-0.262 ± 0.747 $\chi^2/\text{NDF}: 54.8/19$

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.492+/-0.045 χ^2/NDF : 355979.0/16

Left Out: 3.993+/-0.077 χ^2/NDF : 0.0/0

Right Out: -3.504+/-0.046 χ^2/NDF : 510579.5/19

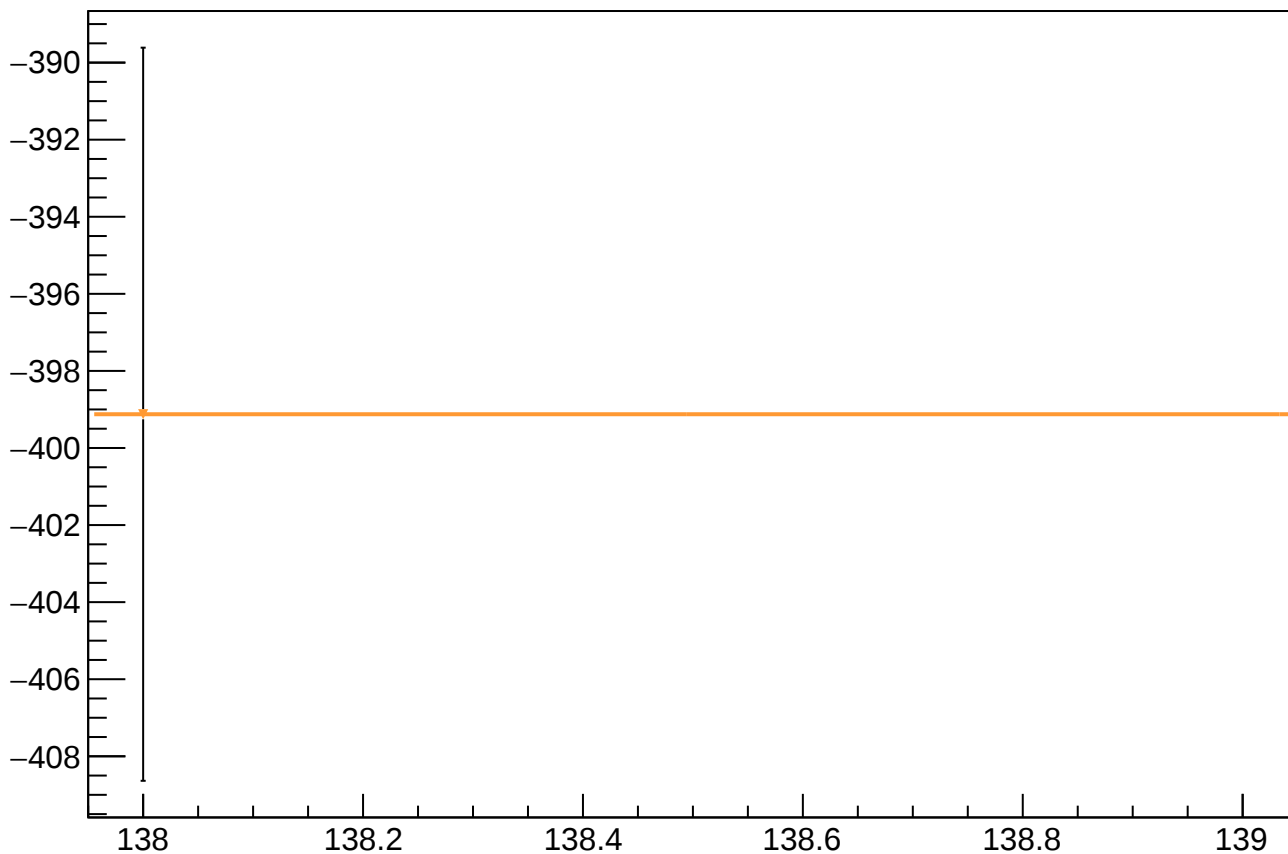
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.611+/-0.039 χ^2/NDF : 357525.6/17

2.381+/-0.029 χ^2/NDF : 896810.1/37

-3.504+/-0.046 χ^2/NDF : 510579.5/19

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -399.124+/-9.512 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

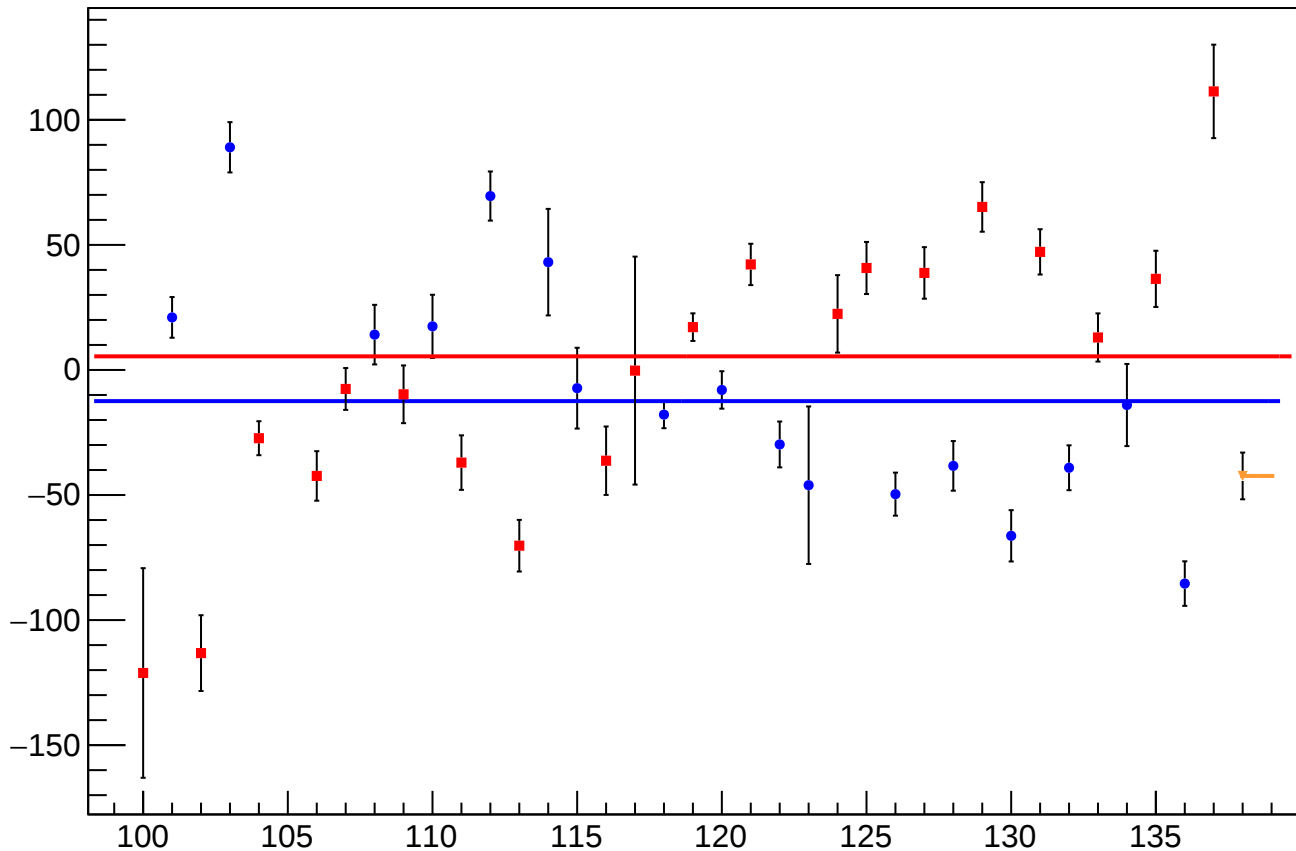
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-399.124+/-9.512 χ^2/NDF : 0.0/0

-399.124+/-9.512 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.458 $\pm$ 2.349 χ^2 /NDF: 341.1/16

Left Out: -42.372 $\pm$ 9.340 χ^2 /NDF:0.0/0

Right Out: 5.439 $\pm$ 2.256 χ^2 /NDF: 345.0/19

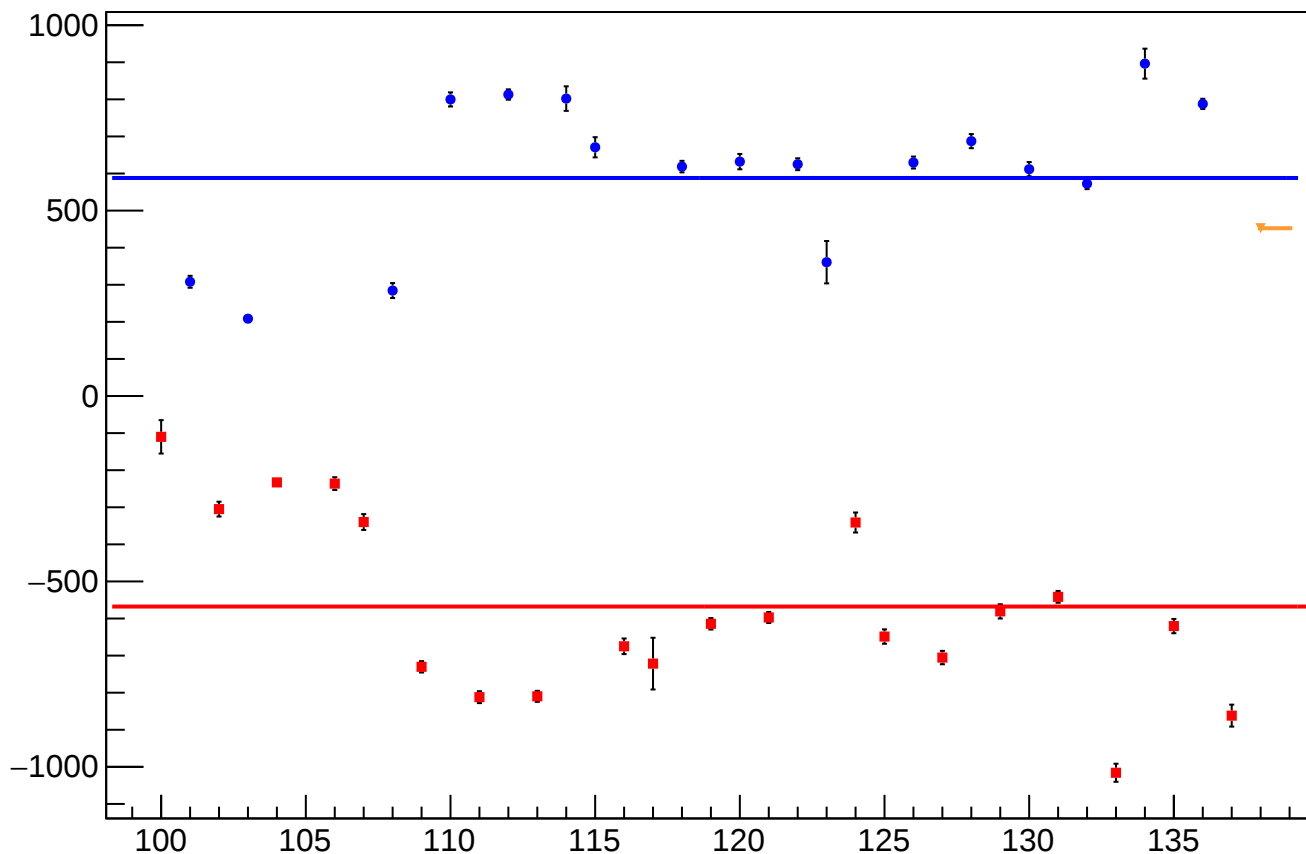
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-14.237 $\pm$ 2.278 χ^2 /NDF: 350.7/17

-4.304 $\pm$ 1.603 χ^2 /NDF: 733.4/37

5.439 $\pm$ 2.256 χ^2 /NDF: 345.0/19

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 587.994 $\pm$ 4.353 χ^2 /NDF: 2129.6/16

Left Out: 452.526 $\pm$ 10.310 χ^2 /NDF: 0.0/0

Right Out: -567.720 $\pm$ 4.129 χ^2 /NDF: 2788.1/19

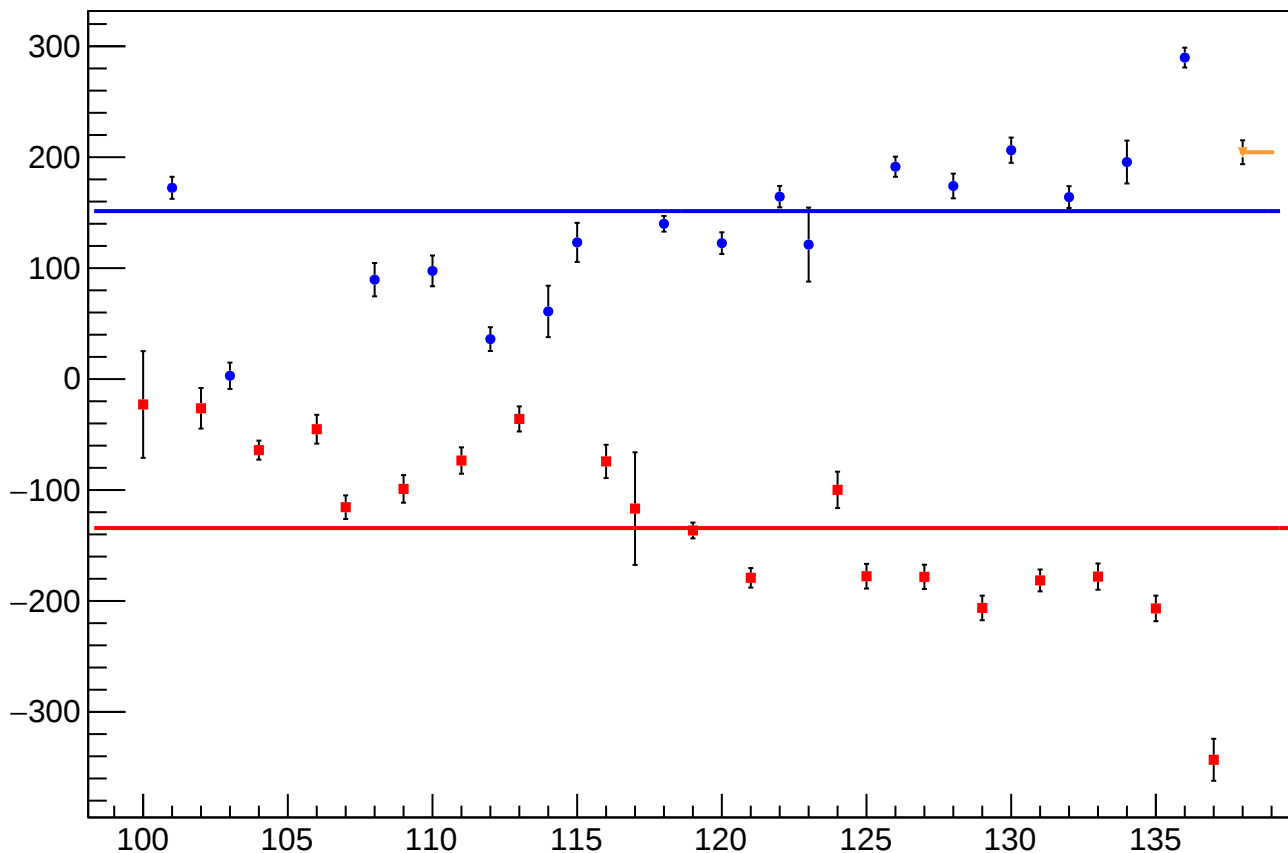
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

567.502 $\pm$ 4.010 χ^2 /NDF: 2276.1/17

16.454 $\pm$ 2.877 χ^2 /NDF: 43966.9/37

-567.720 $\pm$ 4.129 χ^2 /NDF: 2788.1/19

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 151.421 $\pm$ 2.709 χ^2 /NDF: 633.3/16

Left Out: 204.447 $\pm$ 10.767 χ^2 /NDF: 0.0/0

Right Out: -134.299 $\pm$ 2.612 χ^2 /NDF: 585.0/19

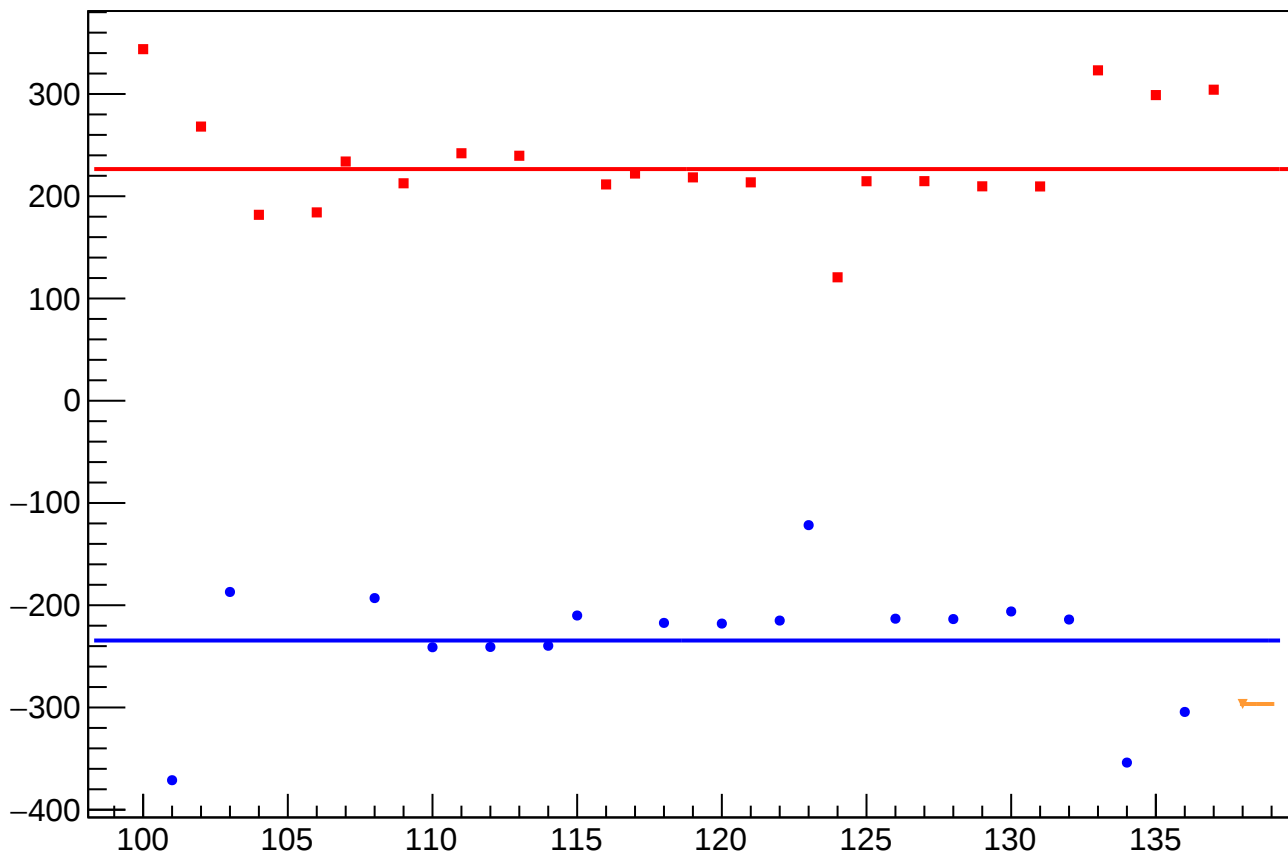
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

154.578 $\pm$ 2.627 χ^2 /NDF: 656.1/17

9.302 $\pm$ 1.852 χ^2 /NDF: 7321.2/37

-134.299 $\pm$ 2.612 χ^2 /NDF: 585.0/19

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.501+/-0.149 χ^2/NDF : 145046.5/16

Left Out: -296.585+/-0.410 χ^2/NDF : 0.0/0

Right Out: 226.572+/-0.141 χ^2/NDF : 98970.7/19

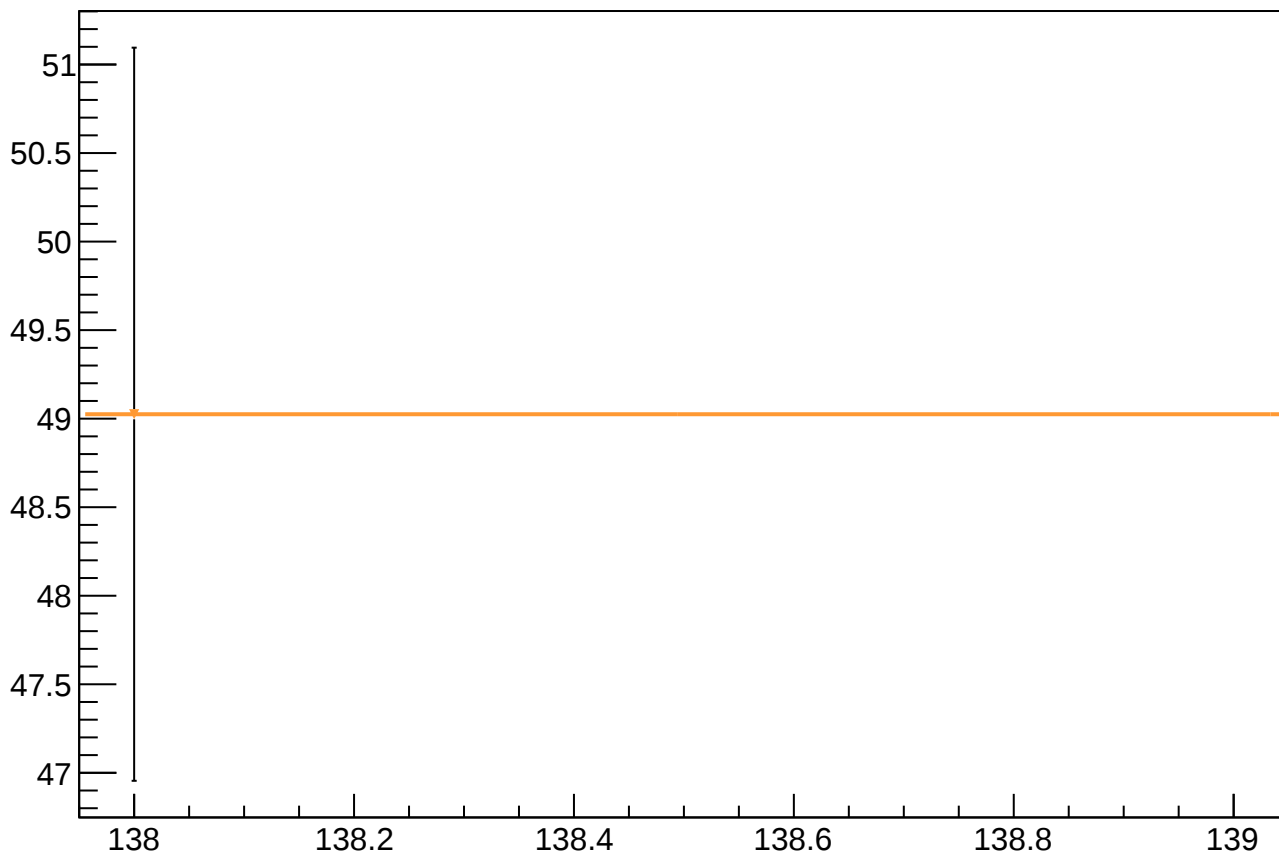
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-241.733+/-0.140 χ^2/NDF : 165263.0/17

-9.558+/-0.099 χ^2/NDF : 5805205.3/37

226.572+/-0.141 χ^2/NDF : 98970.7/19

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 49.025+/-2.070 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

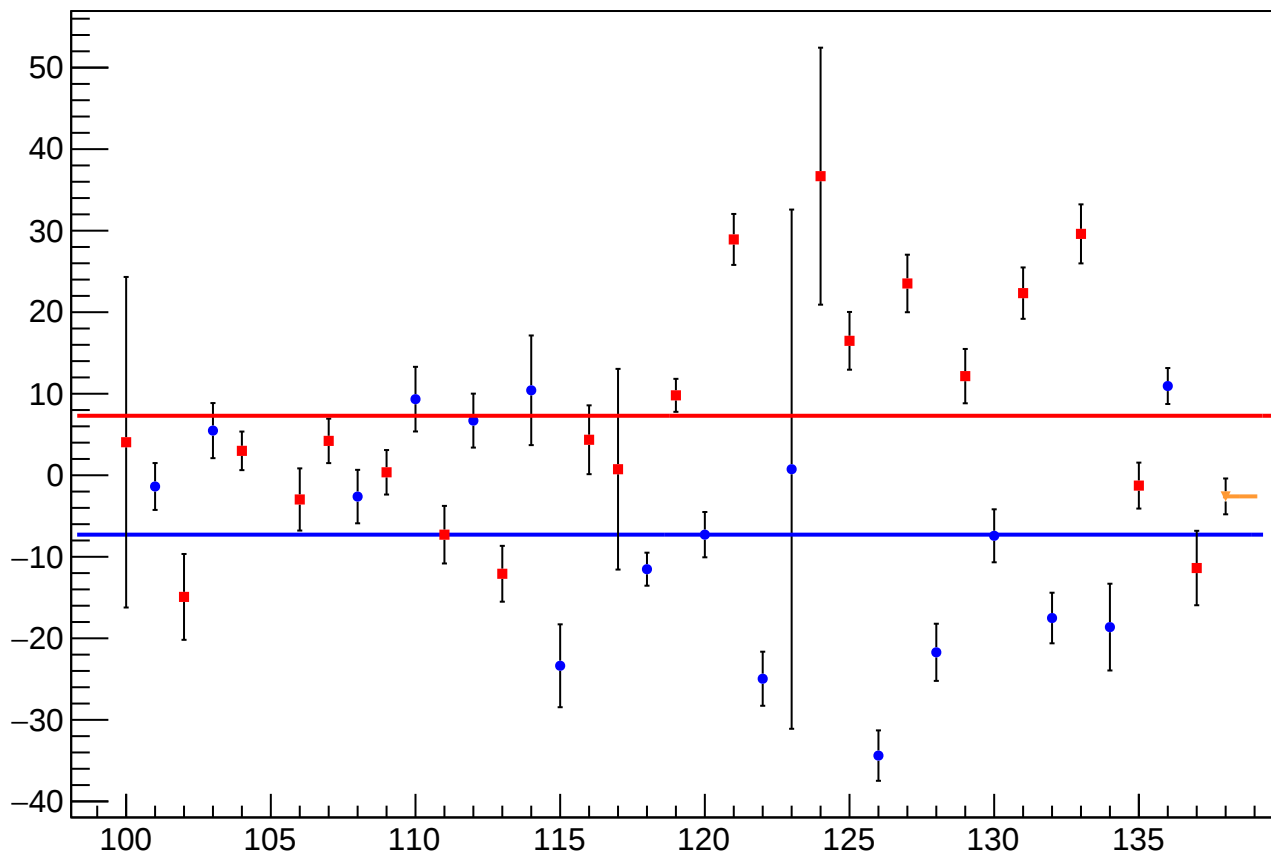
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

49.025+/-2.070 χ^2/NDF : 0.0/0

49.025+/-2.070 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.284+/-0.789 χ^2/NDF : 283.2/16

Left Out: -2.591+/-2.198 χ^2/NDF : 0.0/0

Right Out: 7.298+/-0.759 χ^2/NDF : 255.6/19

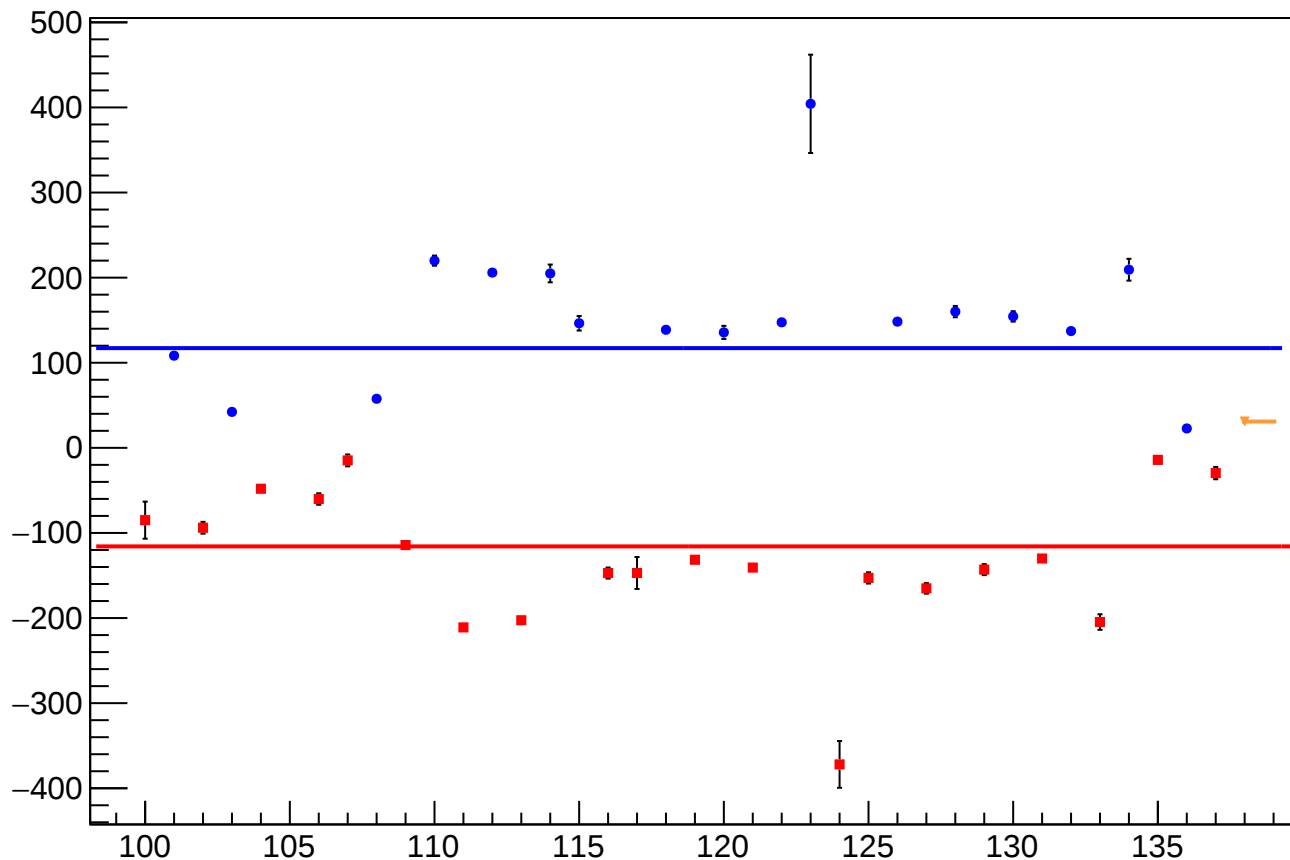
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.749+/-0.742 χ^2/NDF : 287.2/17

0.115+/-0.531 χ^2/NDF : 717.8/37

7.298+/-0.759 χ^2/NDF : 255.6/19

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.187 $\pm$ 1.416 χ^2 /NDF: 2161.0/16

Left Out: 30.896 $\pm$ 2.245 χ^2 /NDF: 0.0/0

Right Out: -115.795 $\pm$ 1.357 χ^2 /NDF: 2140.4/19

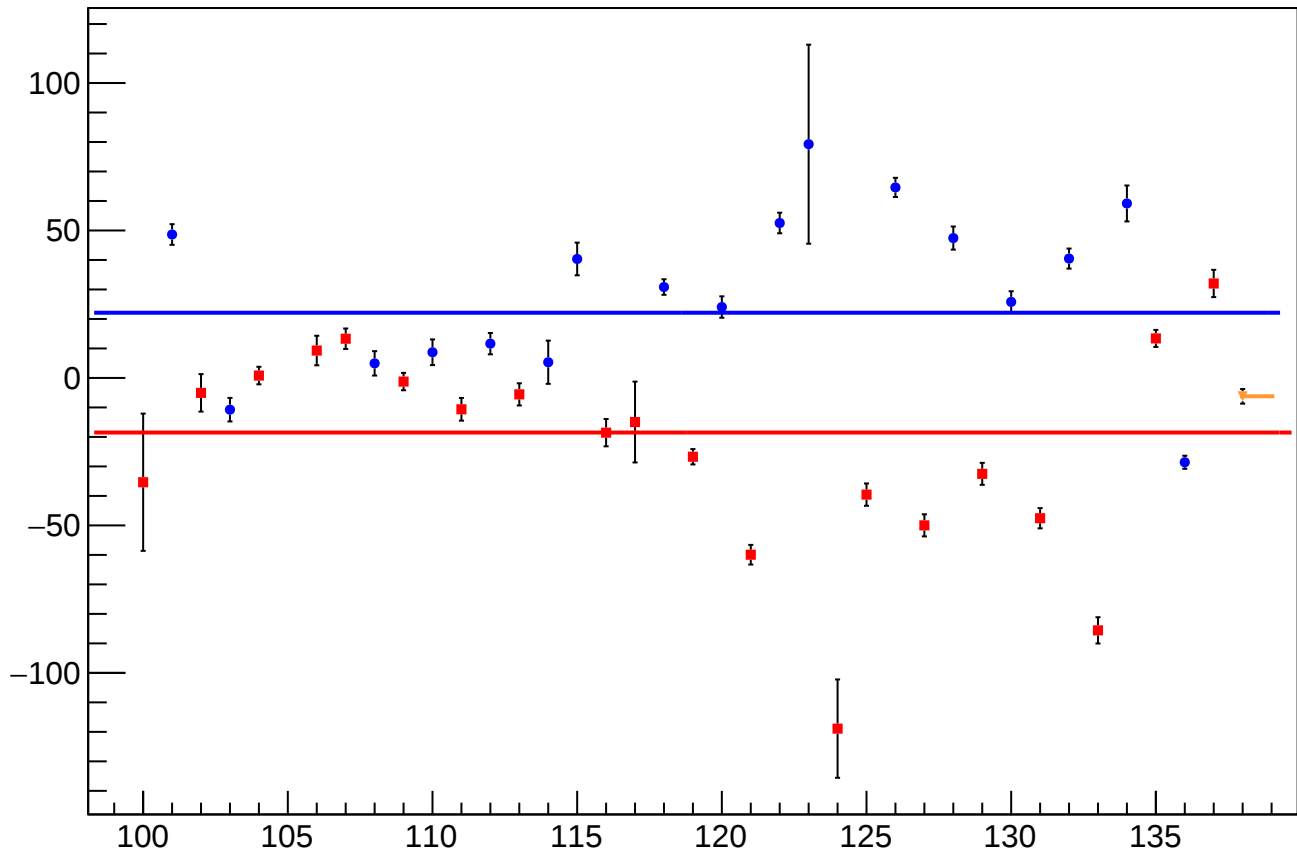
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

92.625 $\pm$ 1.198 χ^2 /NDF: 3217.6/17

1.376 $\pm$ 0.898 χ^2 /NDF: 18610.6/37

-115.795 $\pm$ 1.357 χ^2 /NDF: 2140.4/19

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.110+/-0.898 χ^2/NDF : 1070.3/16

Left Out: -6.229+/-2.479 χ^2/NDF : 0.0/0

Right Out: -18.506+/-0.869 χ^2/NDF : 1068.6/19

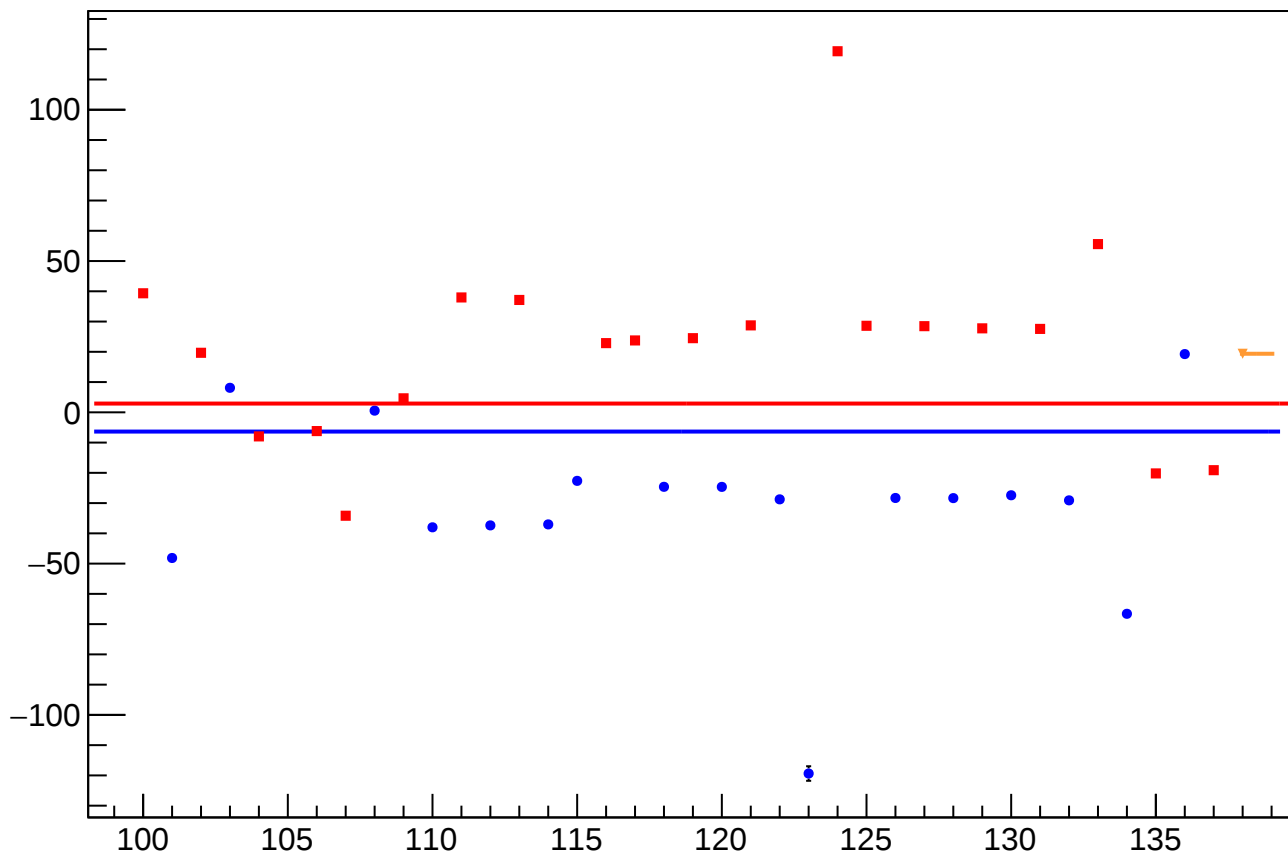
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

18.822+/-0.844 χ^2/NDF : 1185.8/17

0.702+/-0.606 χ^2/NDF : 3203.0/37

-18.506+/-0.869 χ^2/NDF : 1068.6/19

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.360+/-0.046 χ^2/NDF : 264750.9/16

Left Out: 19.357+/-0.087 χ^2/NDF : 0.0/0

Right Out: 2.896+/-0.046 χ^2/NDF : 266162.6/19

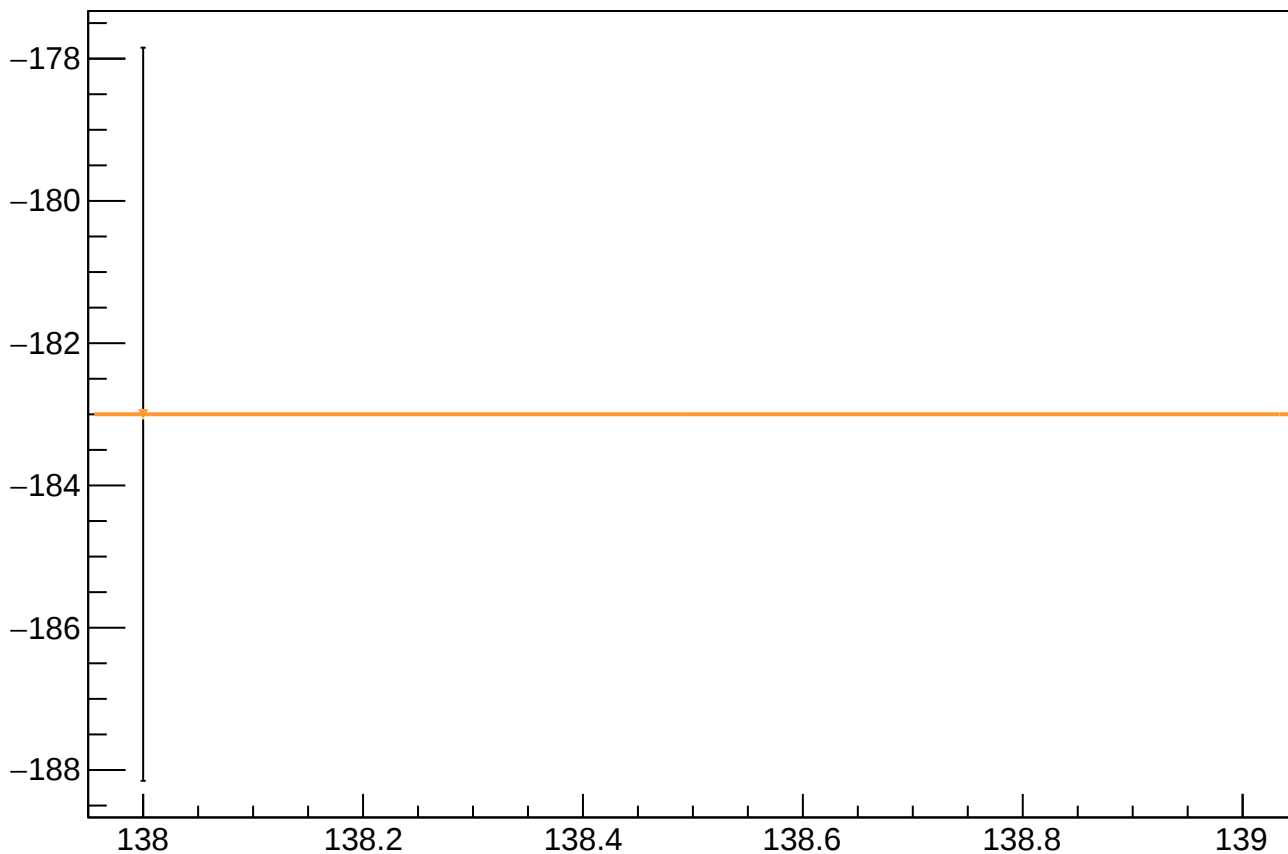
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.731+/-0.041 χ^2/NDF : 332242.1/17

0.884+/-0.030 χ^2/NDF : 601901.2/37

2.896+/-0.046 χ^2/NDF : 266162.6/19

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -182.999+/-5.153 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

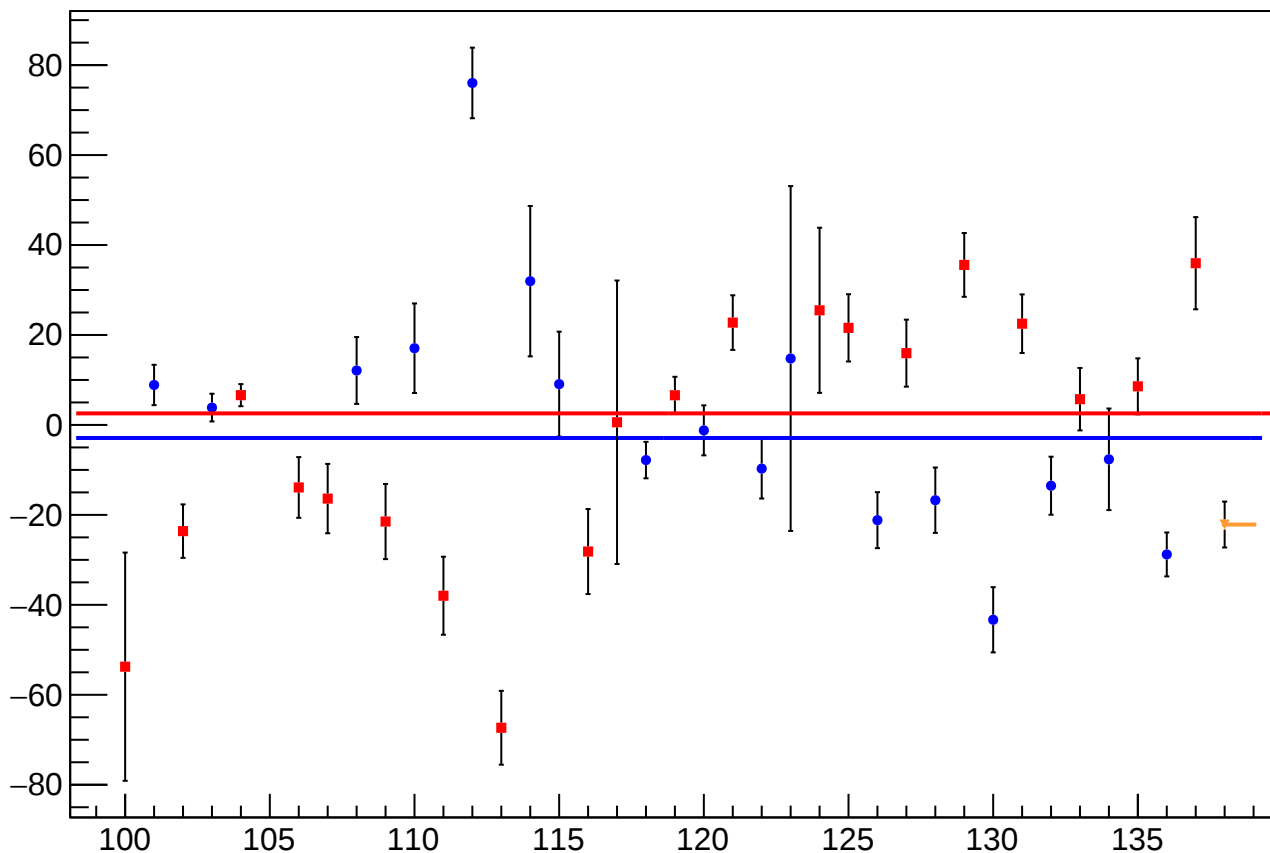
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-182.999+/-5.153 χ^2/NDF : 0.0/0

-182.999+/-5.153 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.901 ± 1.467 χ^2/NDF : 203.6/16

Left Out: -22.144 ± 5.103 χ^2/NDF : 0.0/0

Right Out: 2.566 ± 1.395 χ^2/NDF : 218.2/19

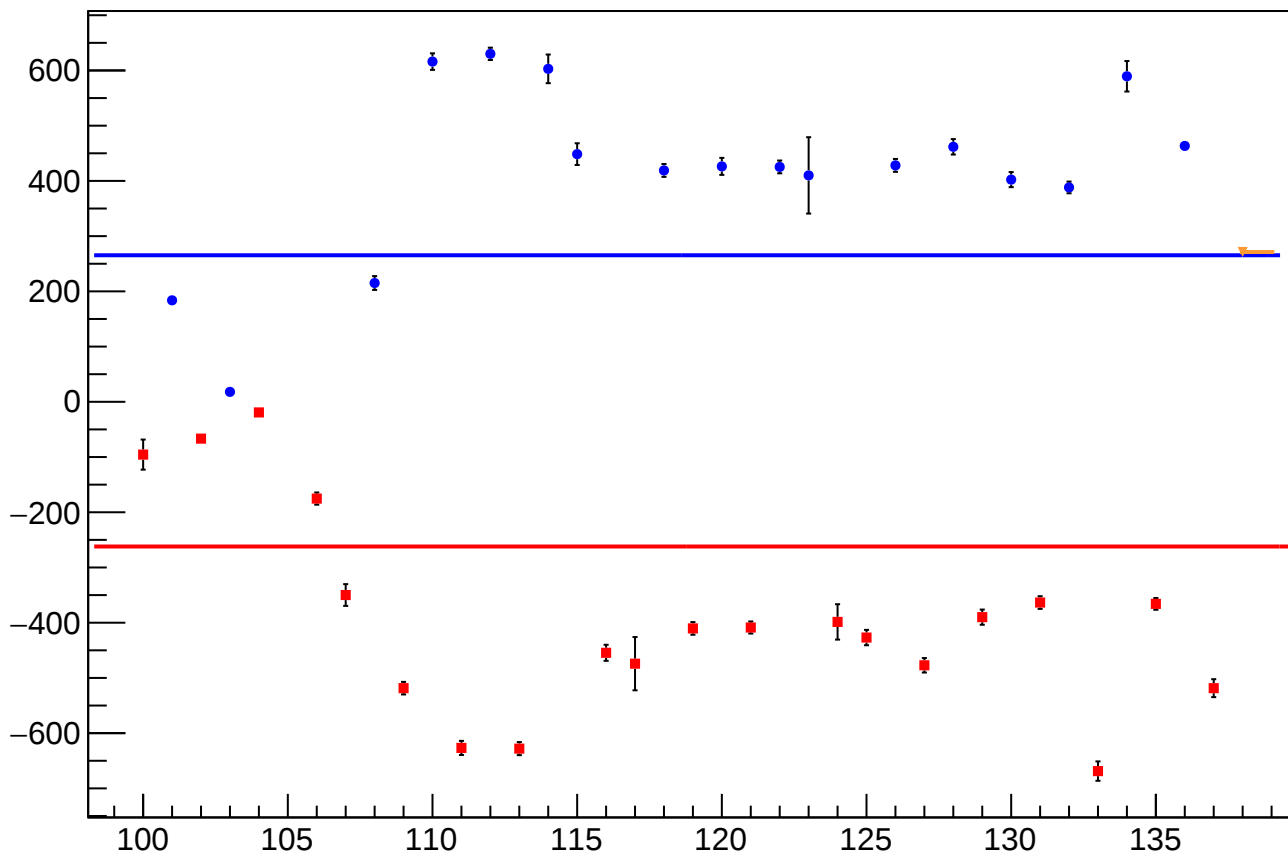
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-4.370 ± 1.410 χ^2/NDF : 216.7/17

-0.865 ± 0.992 χ^2/NDF : 447.2/37

2.566 ± 1.395 χ^2/NDF : 218.2/19

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 265.369 $\pm$ 2.488 χ^2 /NDF: 7633.8/16

Left Out: 271.272 $\pm$ 5.586 χ^2 /NDF: 0.0/0

Right Out: -262.016 $\pm$ 2.455 χ^2 /NDF: 8223.7/19

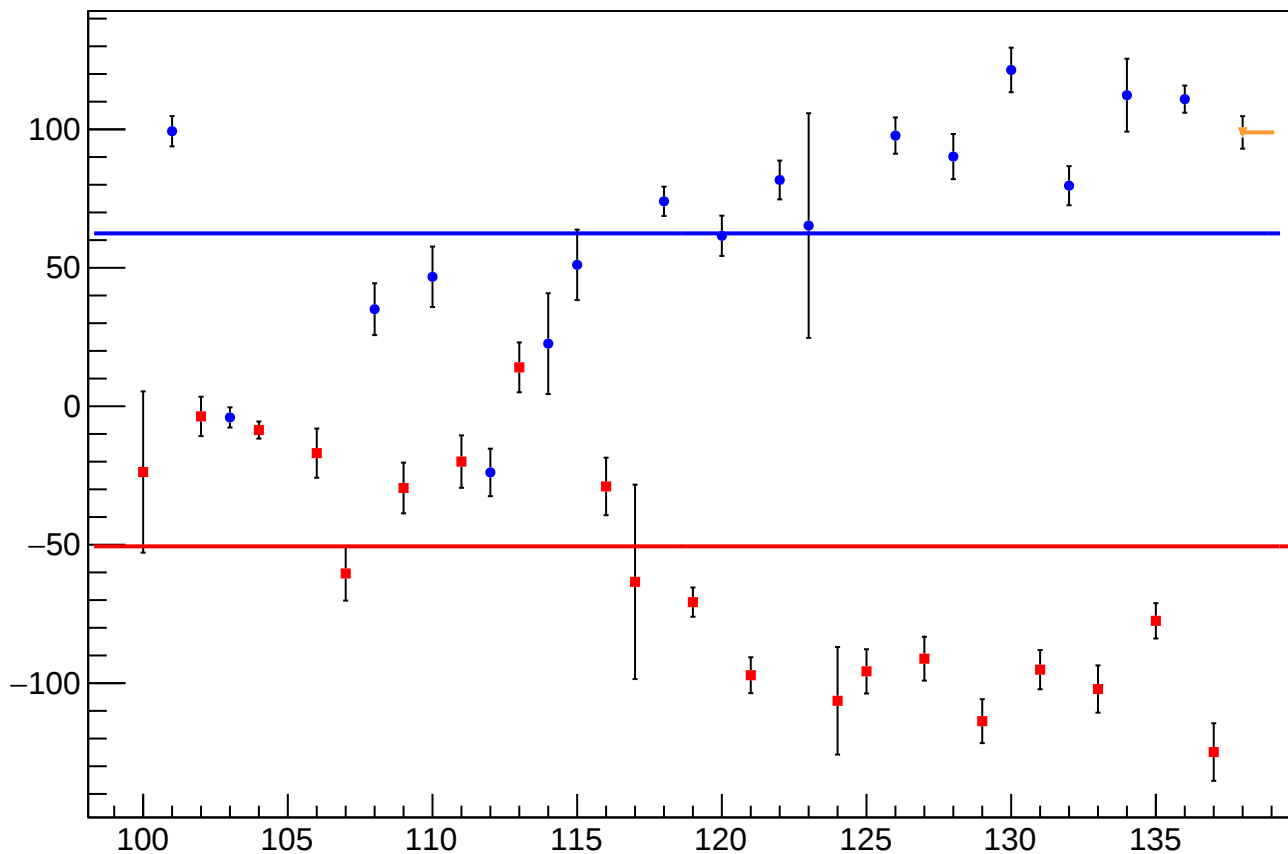
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

266.346 $\pm$ 2.273 χ^2 /NDF: 7634.7/17

22.466 $\pm$ 1.668 χ^2 /NDF: 40803.5/37

-262.016 $\pm$ 2.455 χ^2 /NDF: 8223.7/19

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.434+/-1.694 χ^2/NDF : 721.8/16

Left Out: 98.895+/-5.869 χ^2/NDF : 0.0/0

Right Out: -50.588+/-1.640 χ^2/NDF : 657.5/19

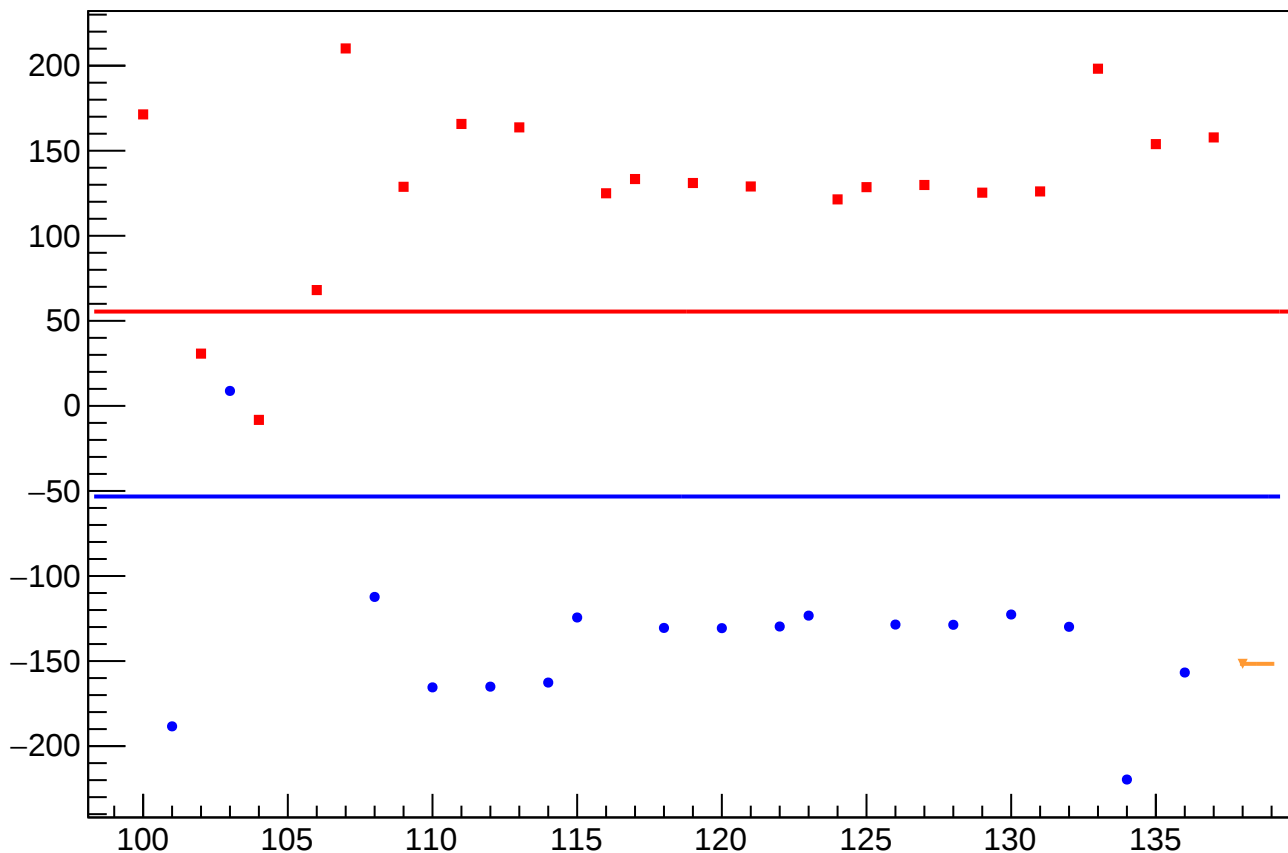
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

65.237+/-1.627 χ^2/NDF : 757.4/17

7.779+/-1.155 χ^2/NDF : 3928.0/37

-50.588+/-1.640 χ^2/NDF : 657.5/19

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.264+/-0.070 χ^2/NDF : 1225492.9/16

Left Out: -151.636+/-0.222 χ^2/NDF : 0.0/0

Right Out: 55.455+/-0.072 χ^2/NDF : 968274.5/19

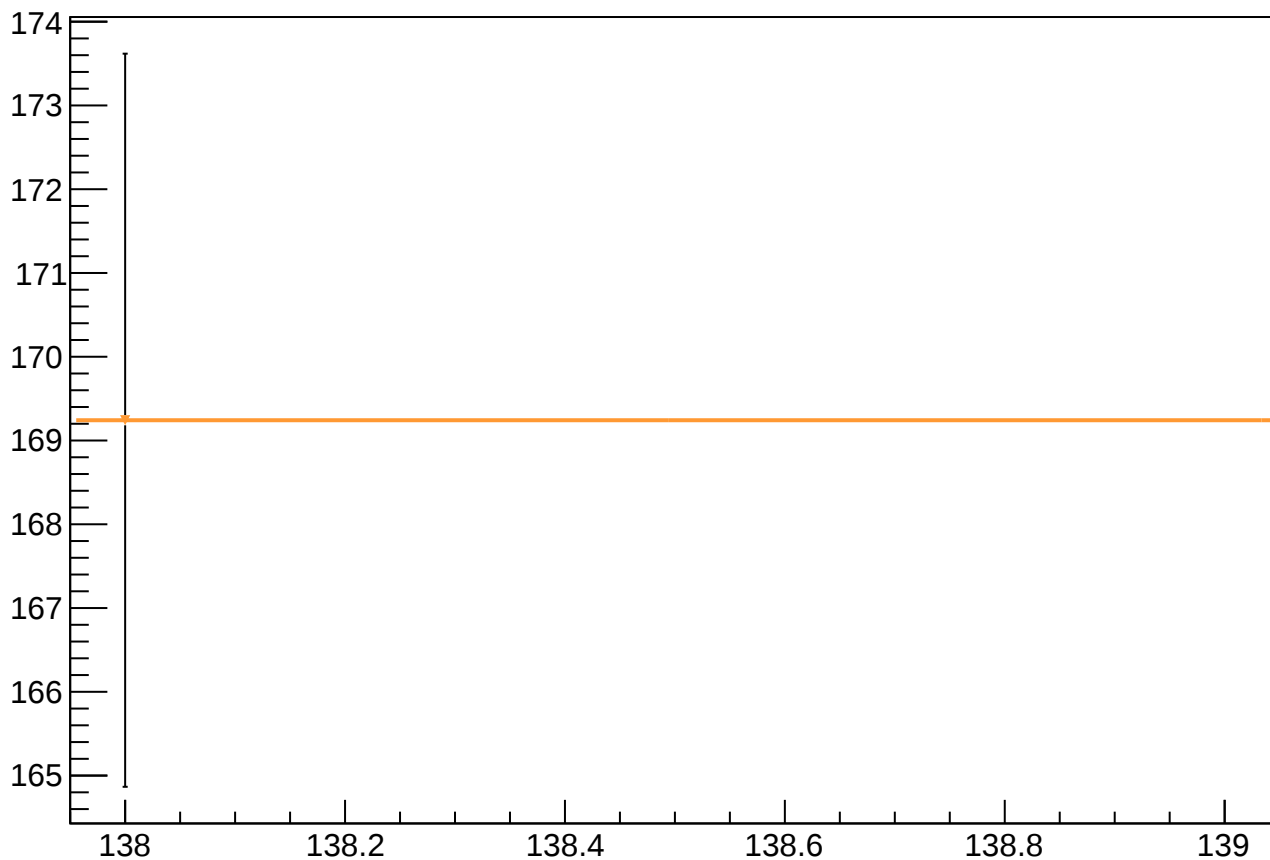
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-62.282+/-0.067 χ^2/NDF : 1404440.2/17

-7.479+/-0.049 χ^2/NDF : 3805553.3/37

55.455+/-0.072 χ^2/NDF : 968274.5/19

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 169.242+/-4.376 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

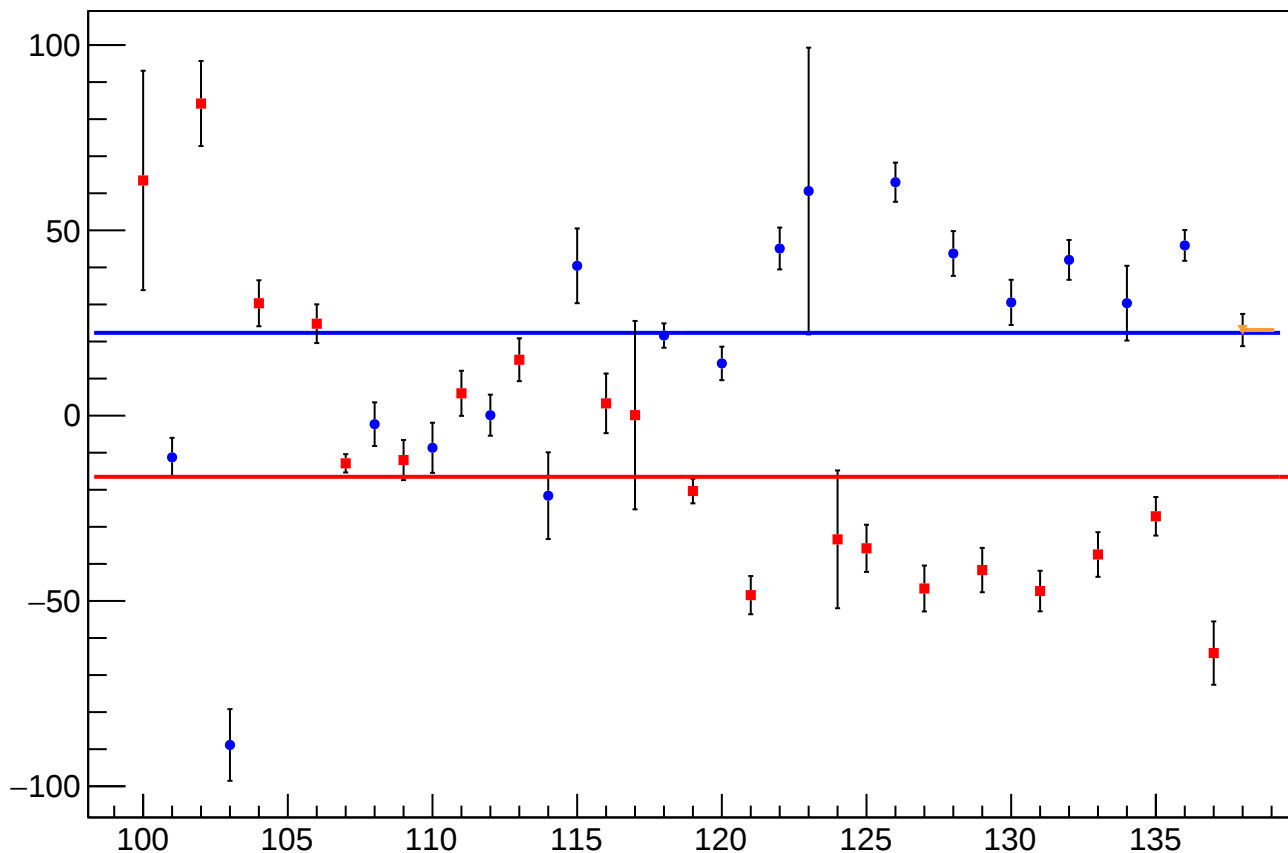
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

169.242+/-4.376 χ^2/NDF : 0.0/0

169.242+/-4.376 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.342 $\pm$ 1.395 χ^2 /NDF: 385.8/16

Left Out: 23.097 $\pm$ 4.349 χ^2 /NDF:0.0/0

Right Out: -16.498 $\pm$ 1.226 χ^2 /NDF: 427.0/19

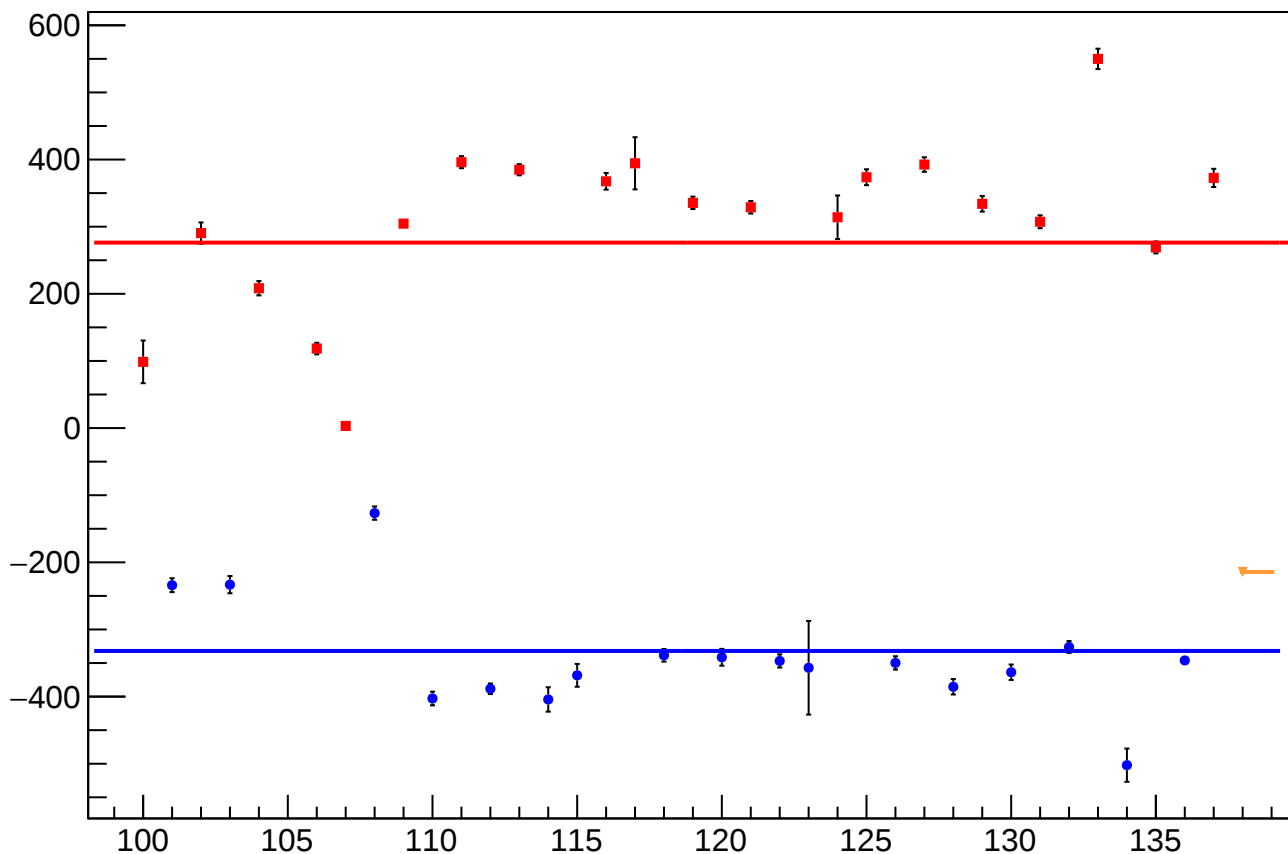
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

22.413 $\pm$ 1.329 χ^2 /NDF: 385.9/17

1.396 $\pm$ 0.901 χ^2 /NDF: 1276.2/37

-16.498 $\pm$ 1.226 χ^2 /NDF: 427.0/19

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.989+/-2.580 χ^2 /NDF: 785.0/16

Left Out: -214.323+/-4.744 χ^2 /NDF: 0.0/0

Right Out: 276.265+/-2.320 χ^2 /NDF: 3371.5/19

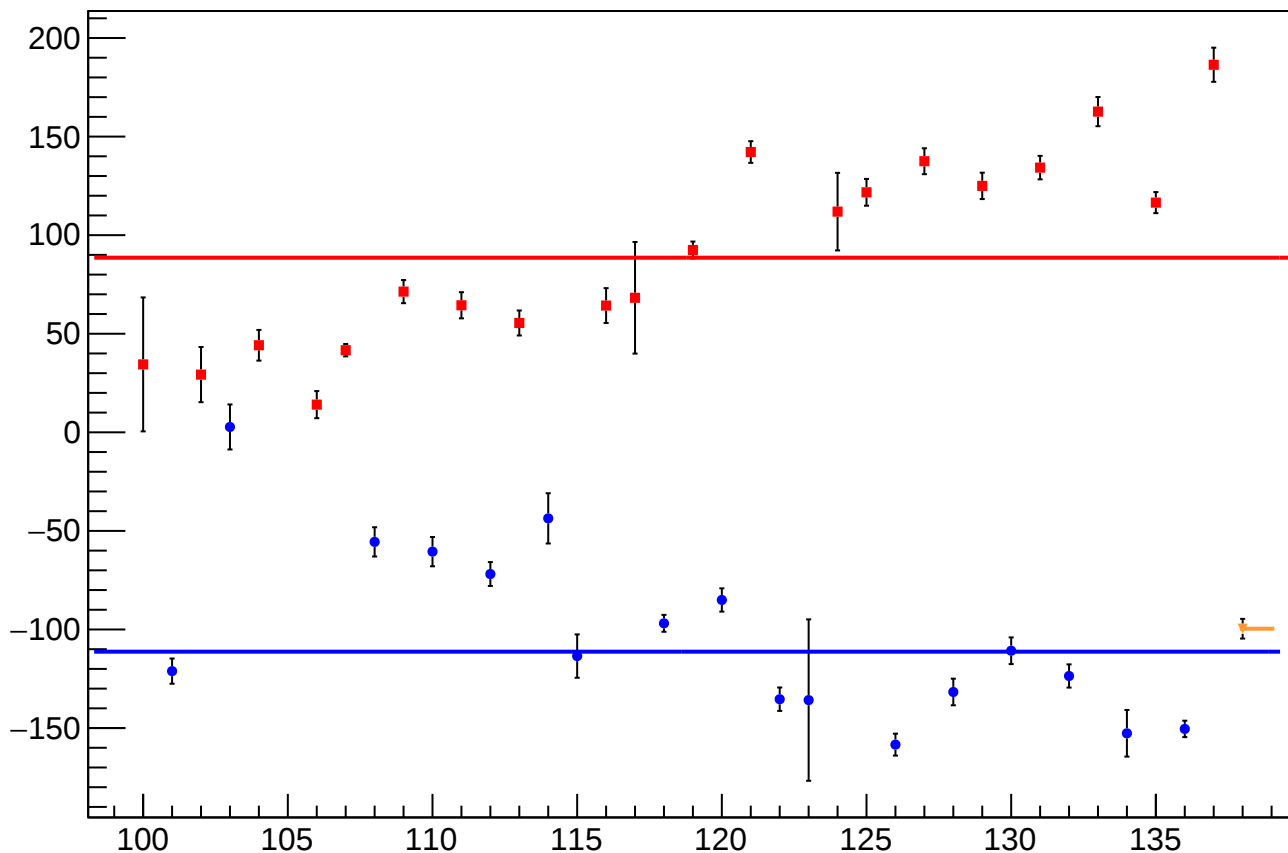
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-305.129+/-2.267 χ^2 /NDF: 1259.7/17

-21.245+/-1.621 χ^2 /NDF: 36755.8/37

276.265+/-2.320 χ^2 /NDF: 3371.5/19

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -111.257+/-1.597 χ^2 /NDF: 509.6/16

Left Out: -99.612+/-4.995 χ^2 /NDF: 0.0/0

Right Out: 88.581+/-1.431 χ^2 /NDF: 971.5/19

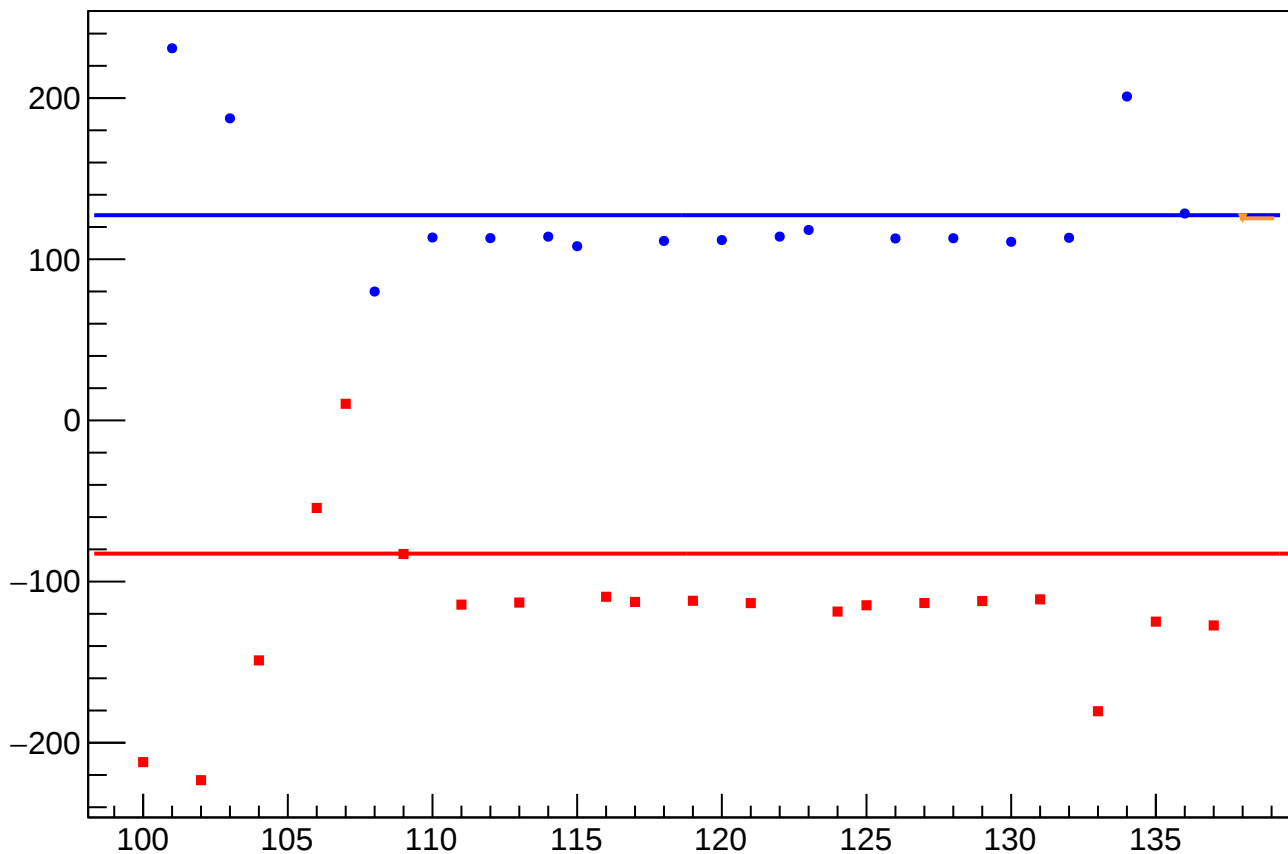
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-110.177+/-1.521 χ^2 /NDF: 514.5/17

-4.738+/-1.042 χ^2 /NDF: 10540.9/37

88.581+/-1.431 χ^2 /NDF: 971.5/19

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.323 $\pm$ 0.089 χ^2/NDF : 187776.4/16

Left Out: 125.377 $\pm$ 0.188 χ^2/NDF : 0.0/0

Right Out: -82.649 $\pm$ 0.075 χ^2/NDF : 765307.1/19

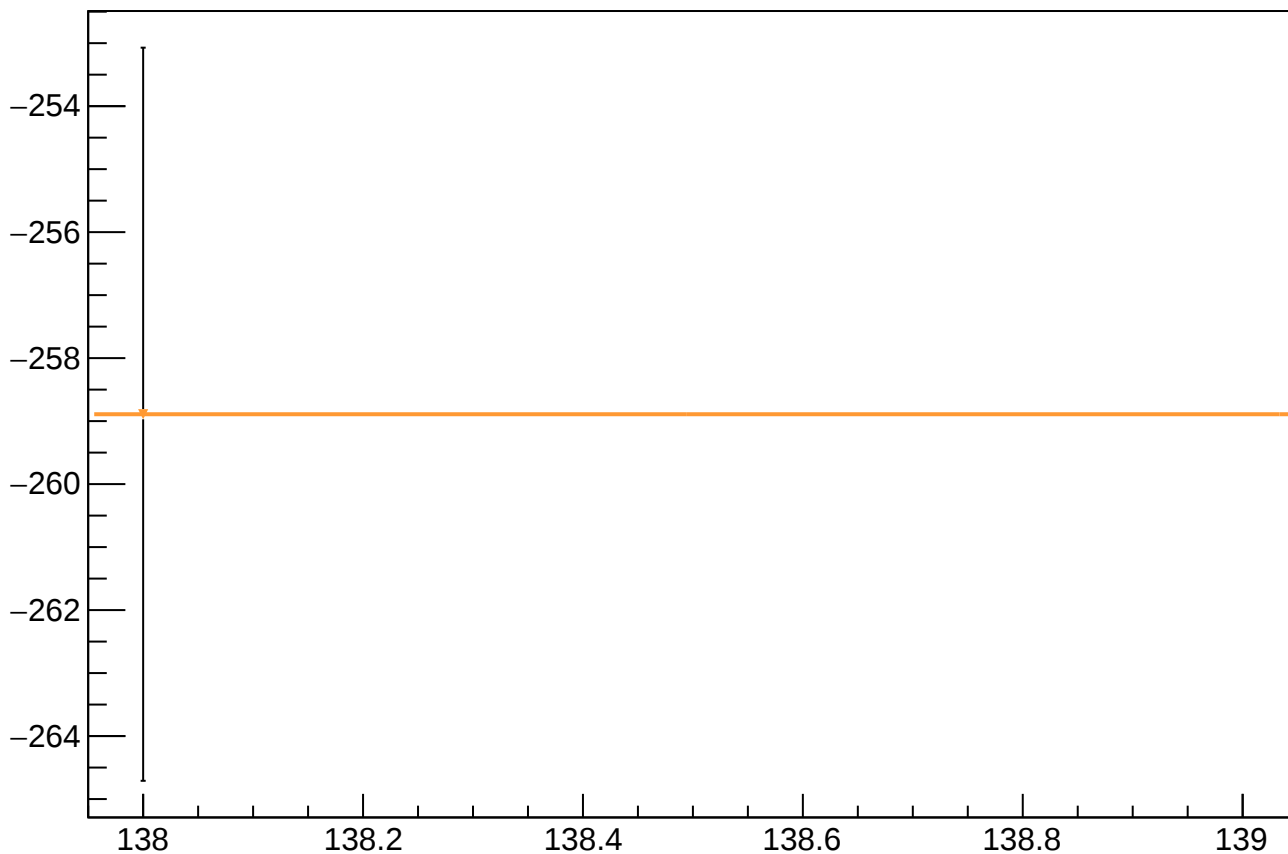
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

126.964 $\pm$ 0.081 χ^2/NDF : 187863.7/17

14.830 $\pm$ 0.055 χ^2/NDF : 4556167.1/37

-82.649 $\pm$ 0.075 χ^2/NDF : 765307.1/19

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -258.891+/-5.819 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

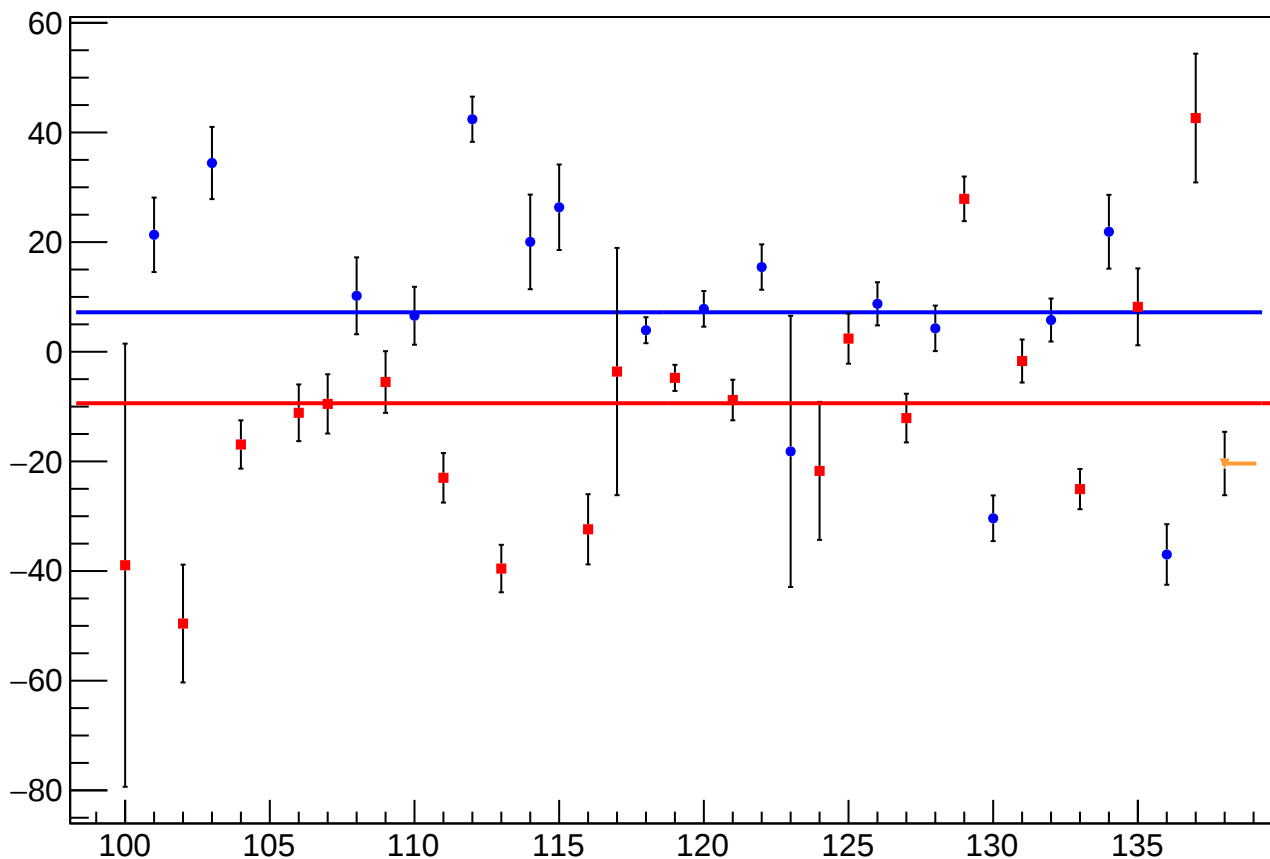
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-258.891+/-5.819 χ^2/NDF : 0.0/0

-258.891+/-5.819 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.199+/-1.103 χ^2/NDF : 260.9/16

Left Out: -20.385+/-5.782 χ^2/NDF : 0.0/0

Right Out: -9.390+/-1.070 χ^2/NDF : 232.2/19

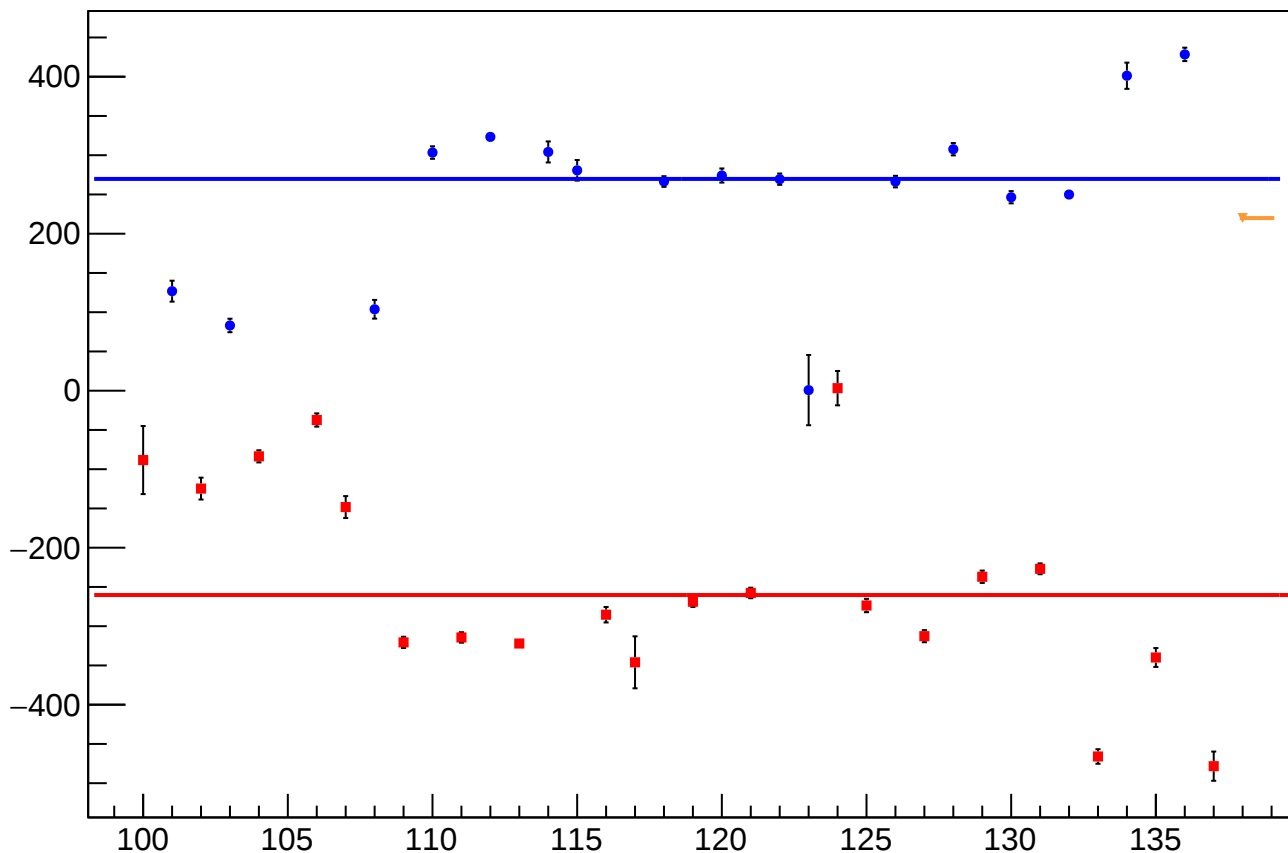
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.231+/-1.083 χ^2/NDF : 282.8/17

-1.678+/-0.761 χ^2/NDF : 620.3/37

-9.390+/-1.070 χ^2/NDF : 232.2/19

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.806 $\pm$ 2.089 χ^2 /NDF: 1374.1/16

Left Out: 219.939 $\pm$ 6.308 χ^2 /NDF: 0.0/0

Right Out: -260.286 $\pm$ 1.973 χ^2 /NDF: 2545.4/19

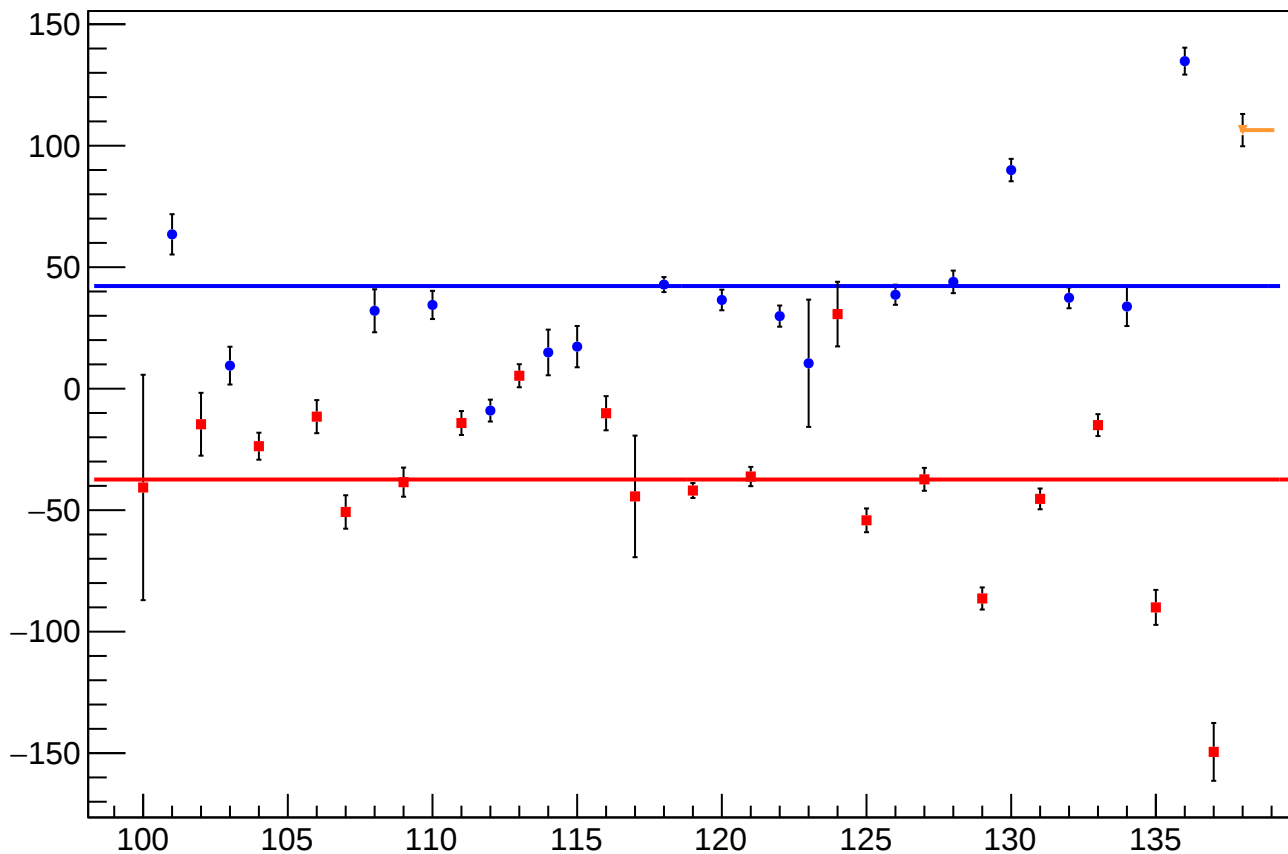
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

264.878 $\pm$ 1.983 χ^2 /NDF: 1430.4/17

0.996 $\pm$ 1.399 χ^2 /NDF: 39210.8/37

-260.286 $\pm$ 1.973 χ^2 /NDF: 2545.4/19

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.242+/-1.274 χ^2 /NDF: 574.4/16

Left Out: 106.420+/-6.645 χ^2 /NDF: 0.0/0

Right Out: -37.384+/-1.233 χ^2 /NDF: 472.4/19

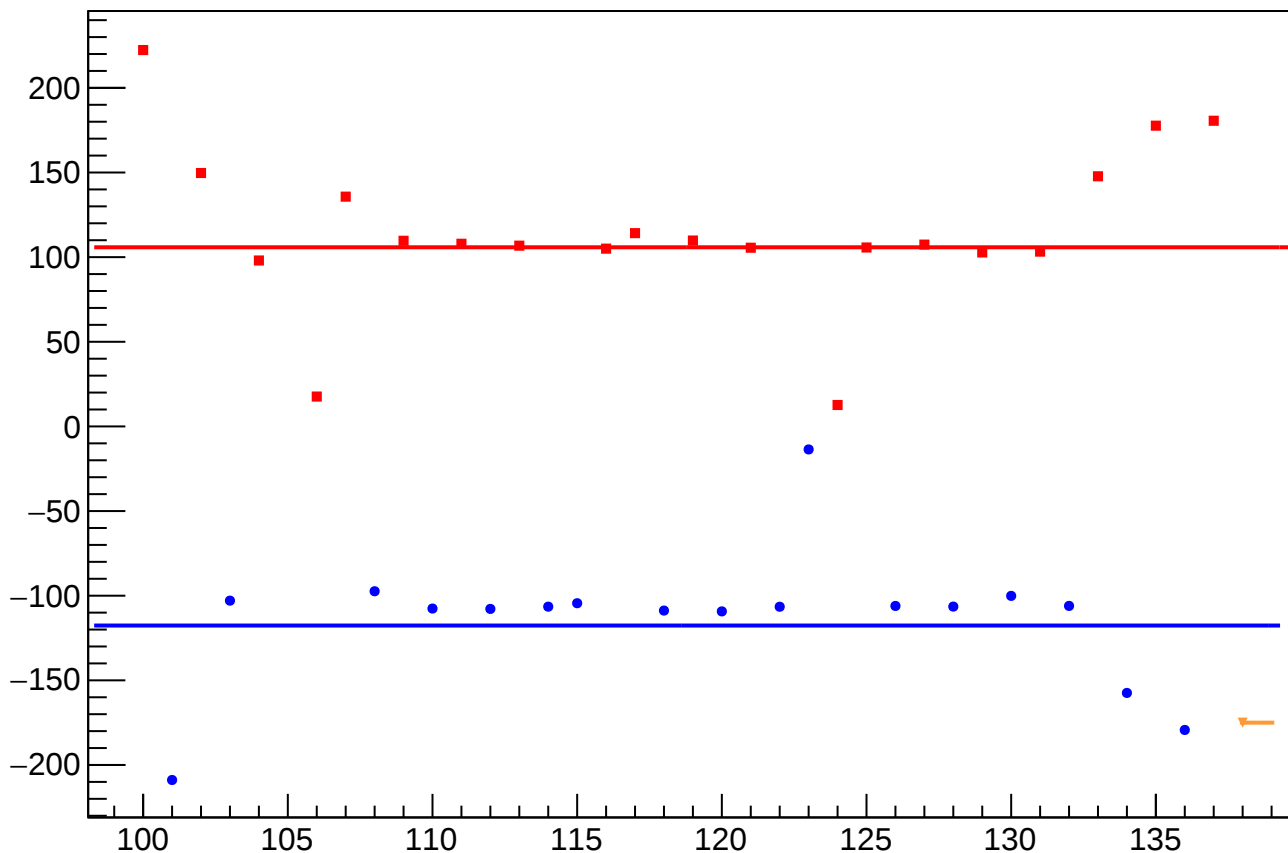
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

44.515+/-1.251 χ^2 /NDF: 664.4/17

2.978+/-0.878 χ^2 /NDF: 3311.0/37

-37.384+/-1.233 χ^2 /NDF: 472.4/19

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.625+/-0.079 χ^2 /NDF: 141872.3/16

Left Out: -175.003+/-0.250 χ^2 /NDF:0.0/0

Right Out: 105.826+/-0.073 χ^2 /NDF: 323138.4/19

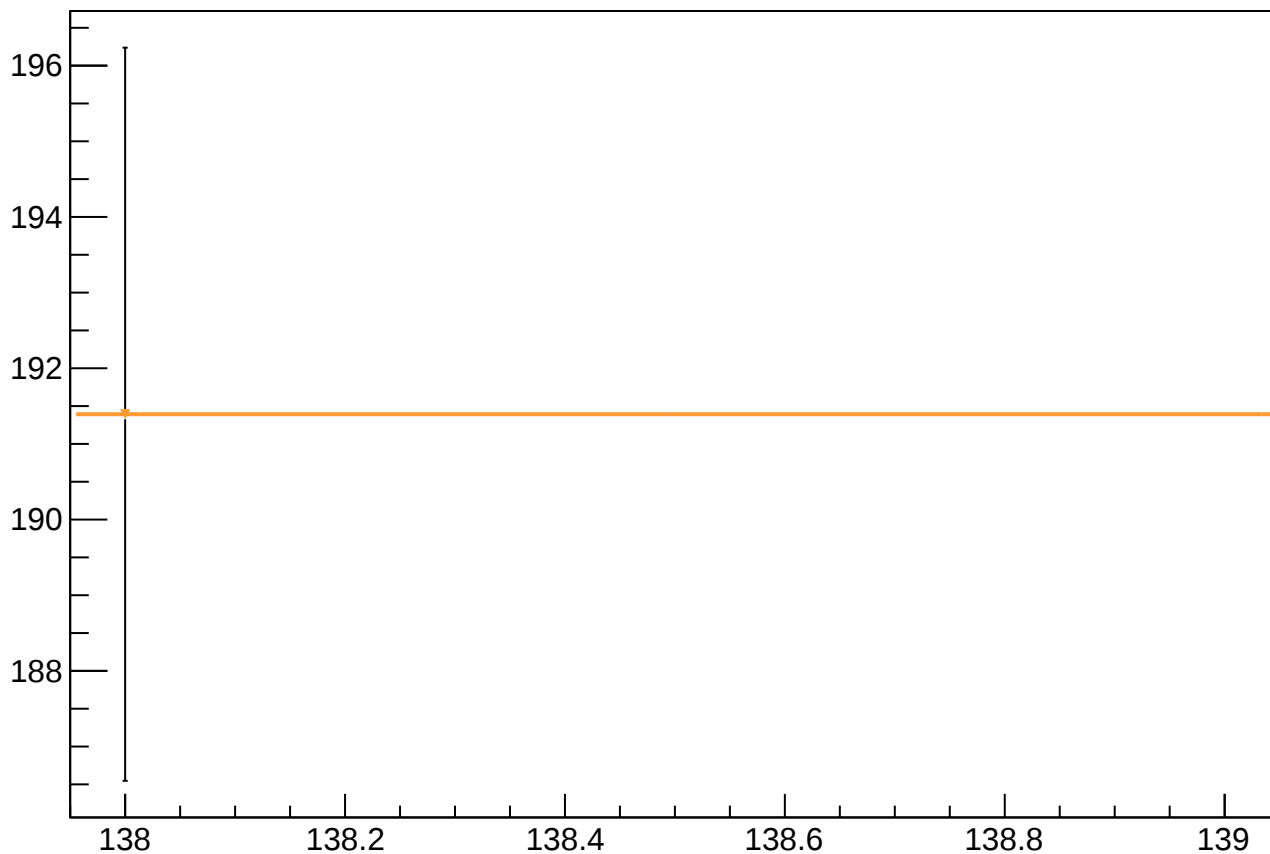
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-122.769+/-0.075 χ^2 /NDF: 189732.7/17

-5.073+/-0.052 χ^2 /NDF: 5305485.7/37

105.826+/-0.073 χ^2 /NDF: 323138.4/19

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 191.392+/-4.845 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

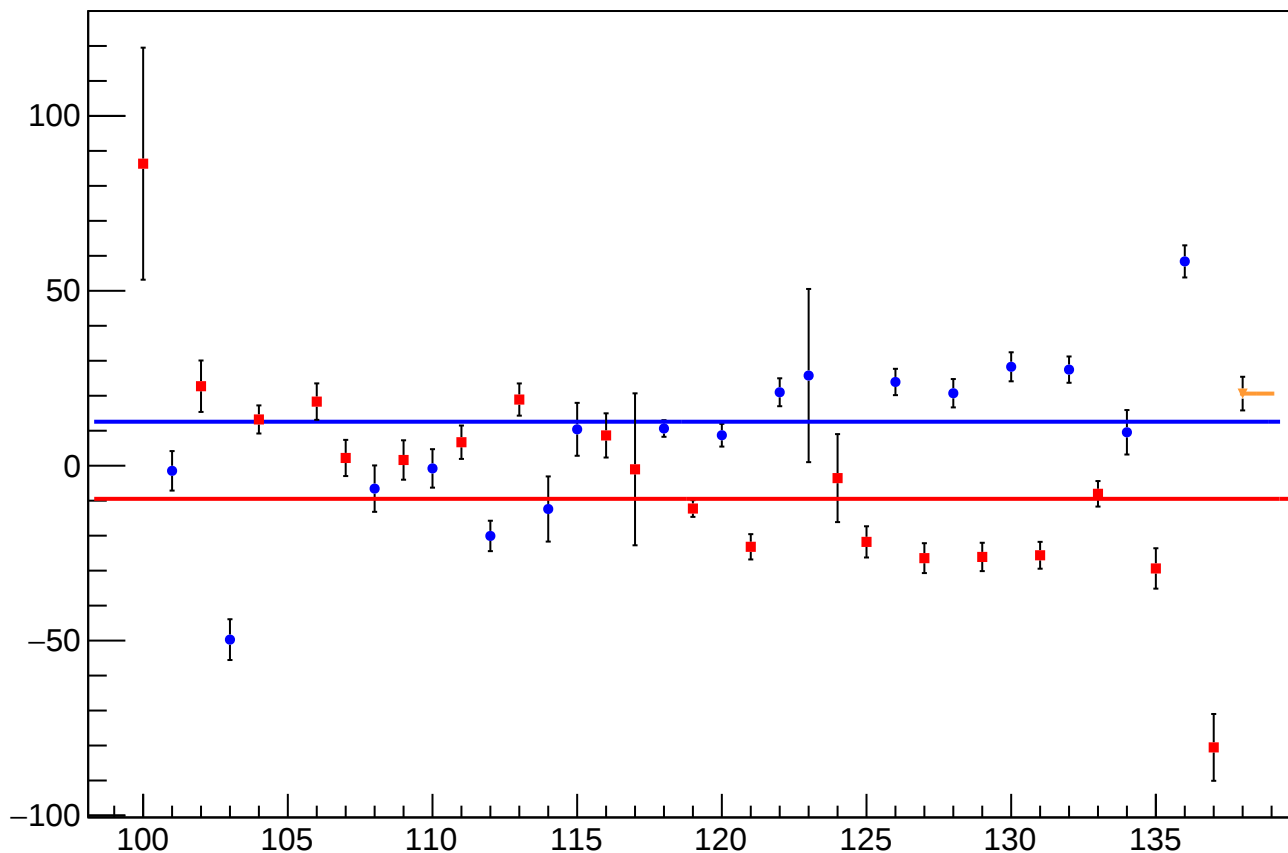
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

191.392+/-4.845 χ^2/NDF : 0.0/0

191.392+/-4.845 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.574+/-1.074 χ^2 /NDF: 348.0/16

Left Out: 20.615+/-4.809 χ^2 /NDF: 0.0/0

Right Out: -9.474+/-1.046 χ^2 /NDF: 296.0/19

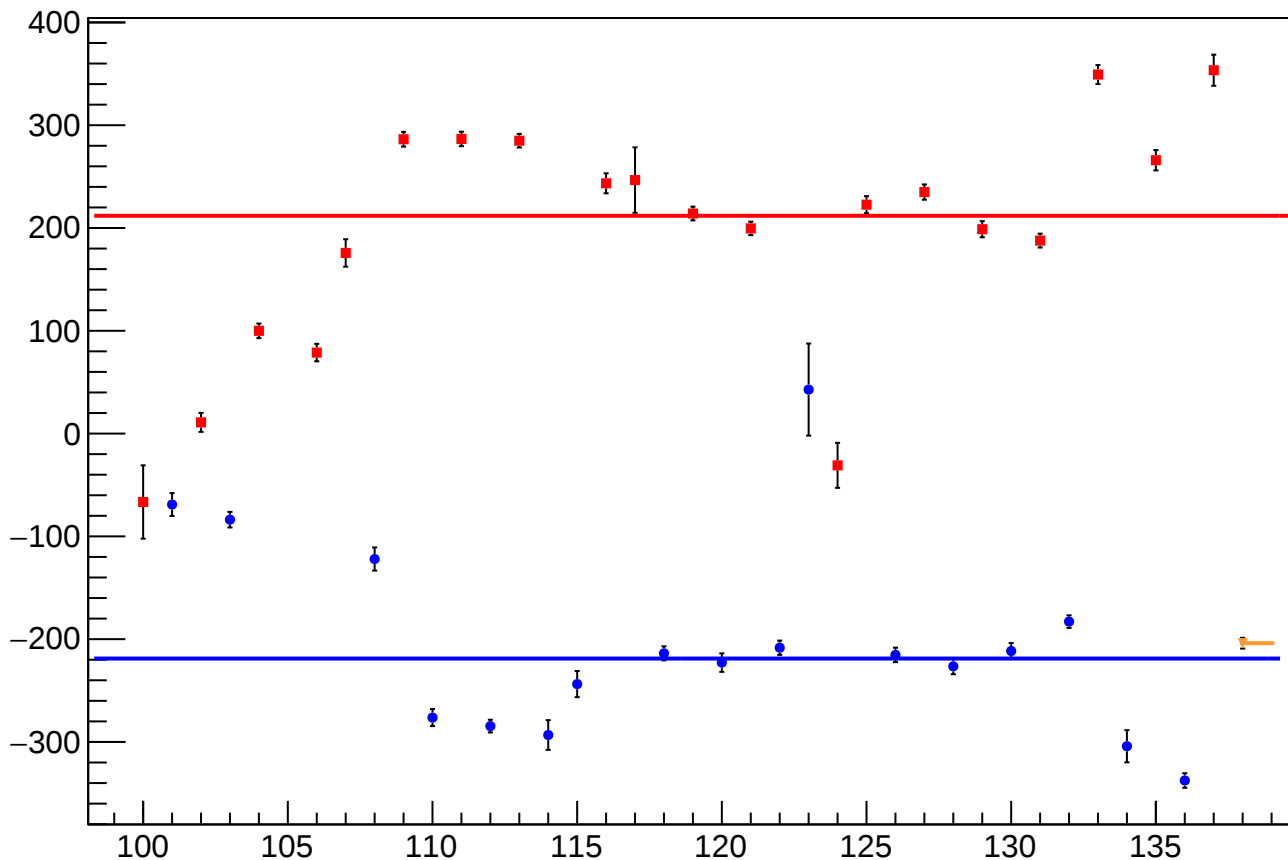
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

12.956+/-1.048 χ^2 /NDF: 350.7/17

1.720+/-0.740 χ^2 /NDF: 876.0/37

-9.474+/-1.046 χ^2 /NDF: 296.0/19

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.855+/-2.023 χ^2 /NDF: 1146.6/16

Left Out: -203.906+/-5.253 χ^2 /NDF: 0.0/0

Right Out: 211.907+/-1.920 χ^2 /NDF: 1886.4/19

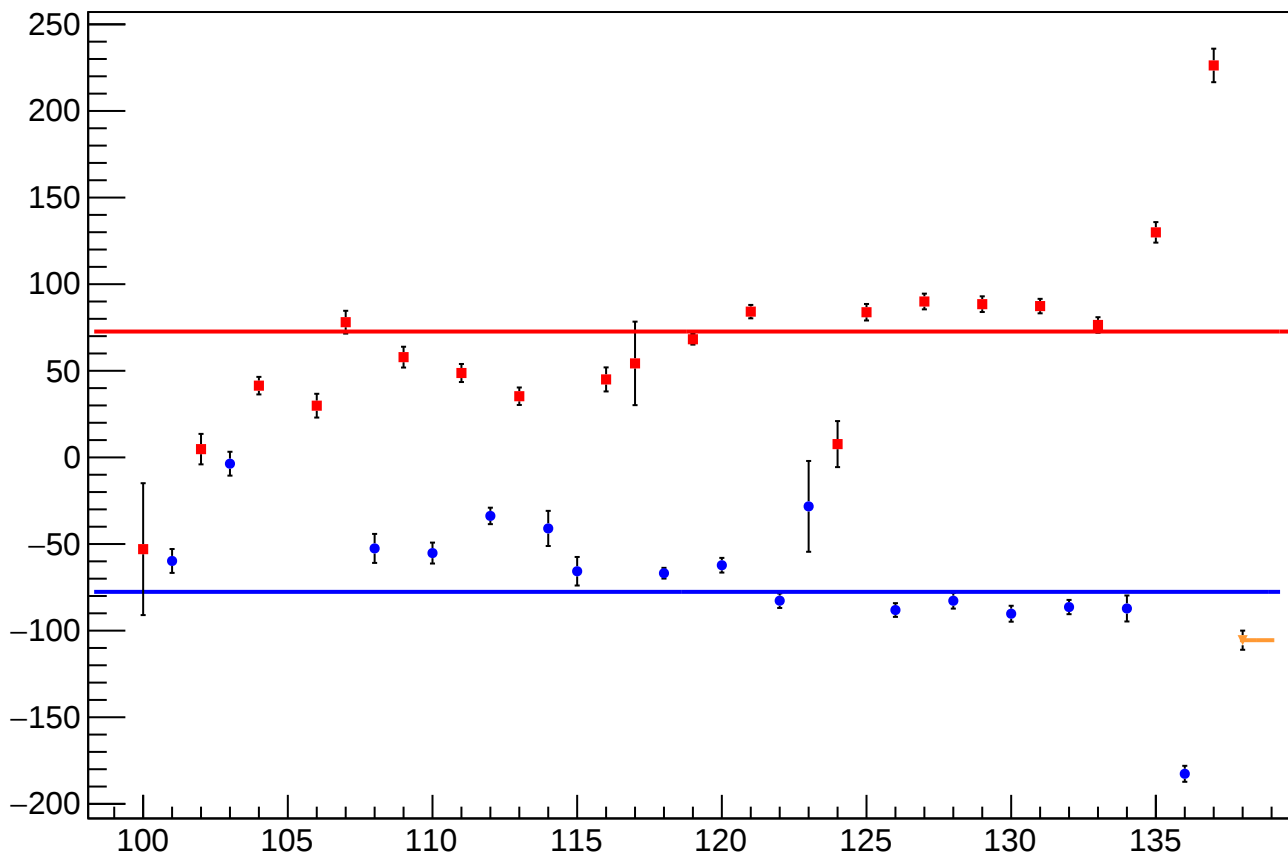
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-216.925+/-1.887 χ^2 /NDF: 1153.6/17

-6.209+/-1.346 χ^2 /NDF: 28405.5/37

211.907+/-1.920 χ^2 /NDF: 1886.4/19

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.612+/-1.236 χ^2/NDF : 815.9/16

Left Out: -105.517+/-5.527 χ^2/NDF : 0.0/0

Right Out: 72.664+/-1.205 χ^2/NDF : 672.0/19

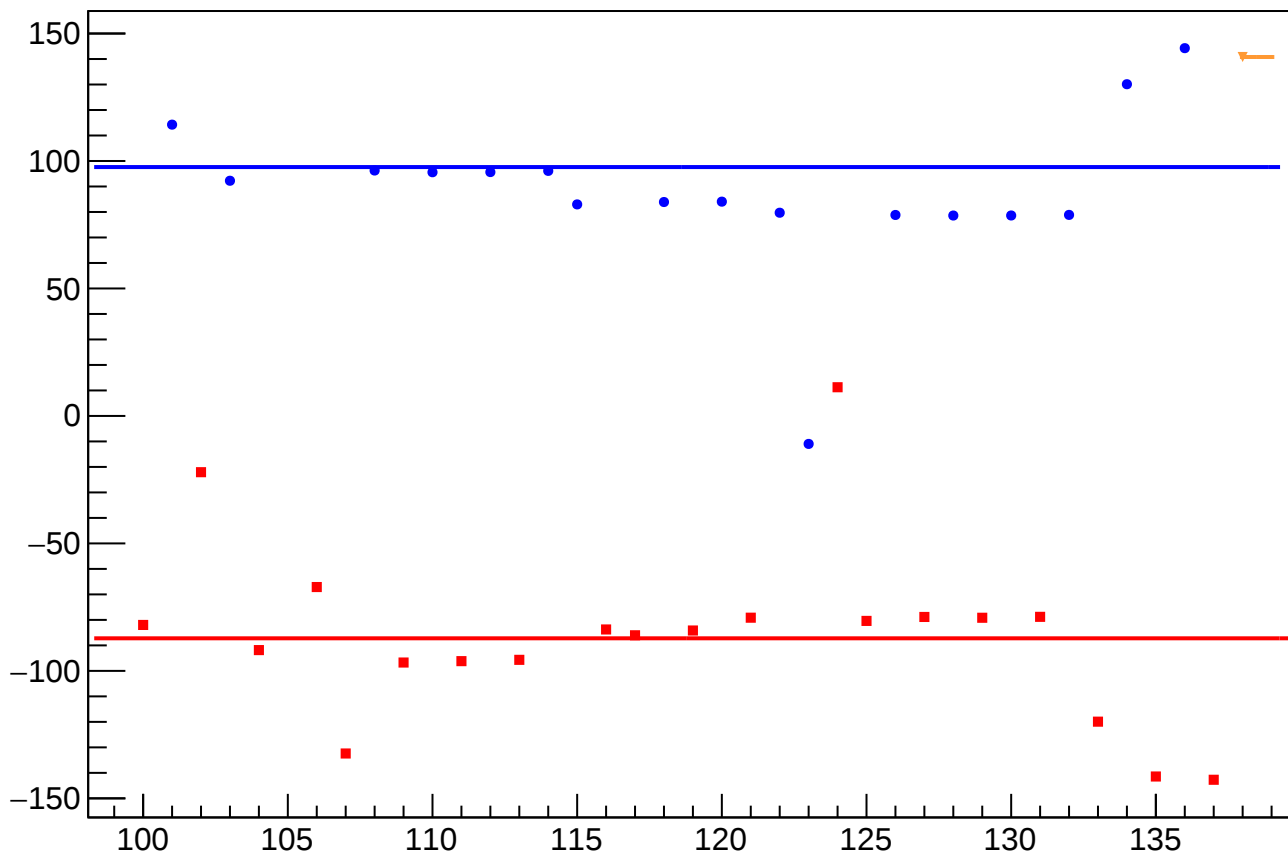
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-78.942+/-1.207 χ^2/NDF : 840.2/17

-3.013+/-0.853 χ^2/NDF : 9418.0/37

72.664+/-1.205 χ^2/NDF : 672.0/19

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.620 ± 0.074 χ^2/NDF : 94045.2/16

Left Out: 140.788 ± 0.208 χ^2/NDF : 0.0/0

Right Out: -87.224 ± 0.068 χ^2/NDF : 220851.2/19

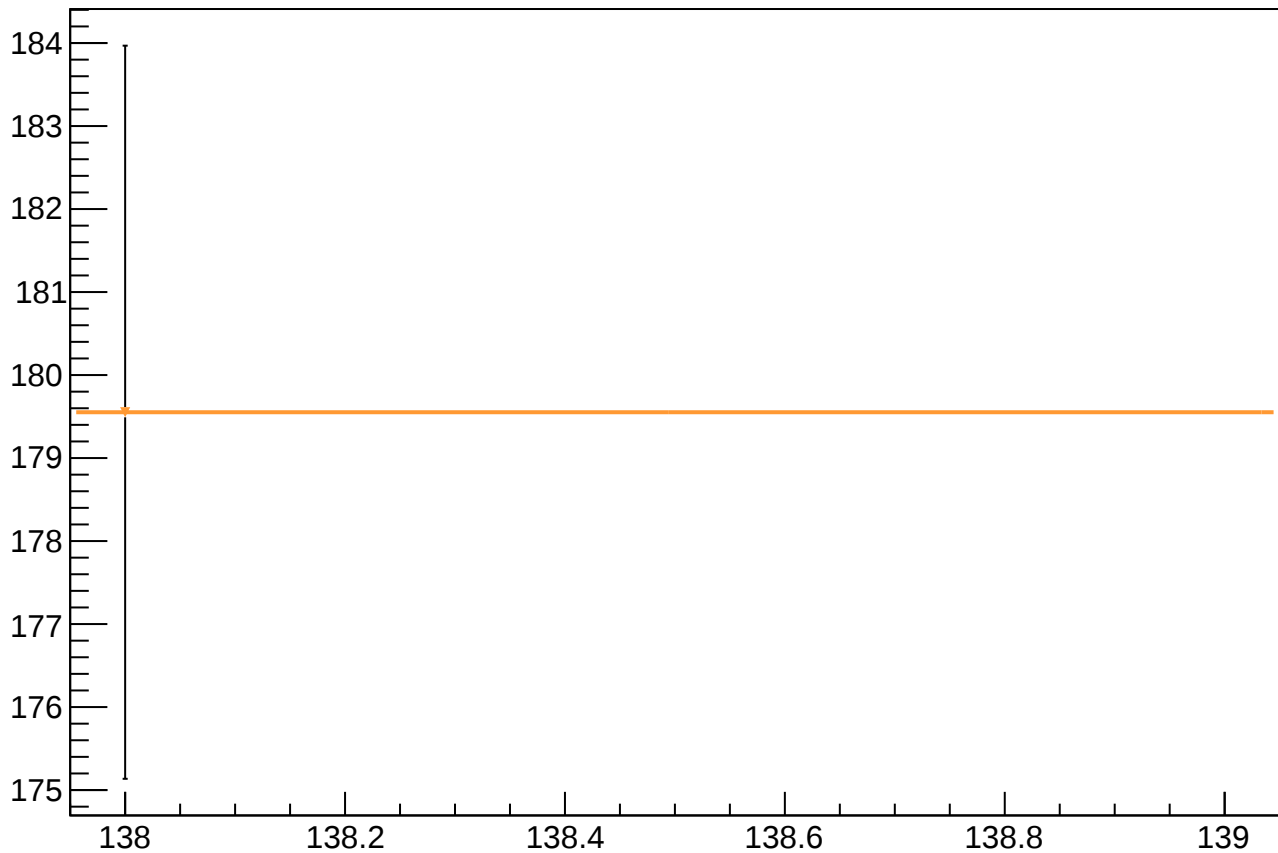
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

102.418 ± 0.069 χ^2/NDF : 132168.7/17

5.807 ± 0.049 χ^2/NDF : 4146747.1/37

-87.224 ± 0.068 χ^2/NDF : 220851.2/19

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 179.552+/-4.416 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

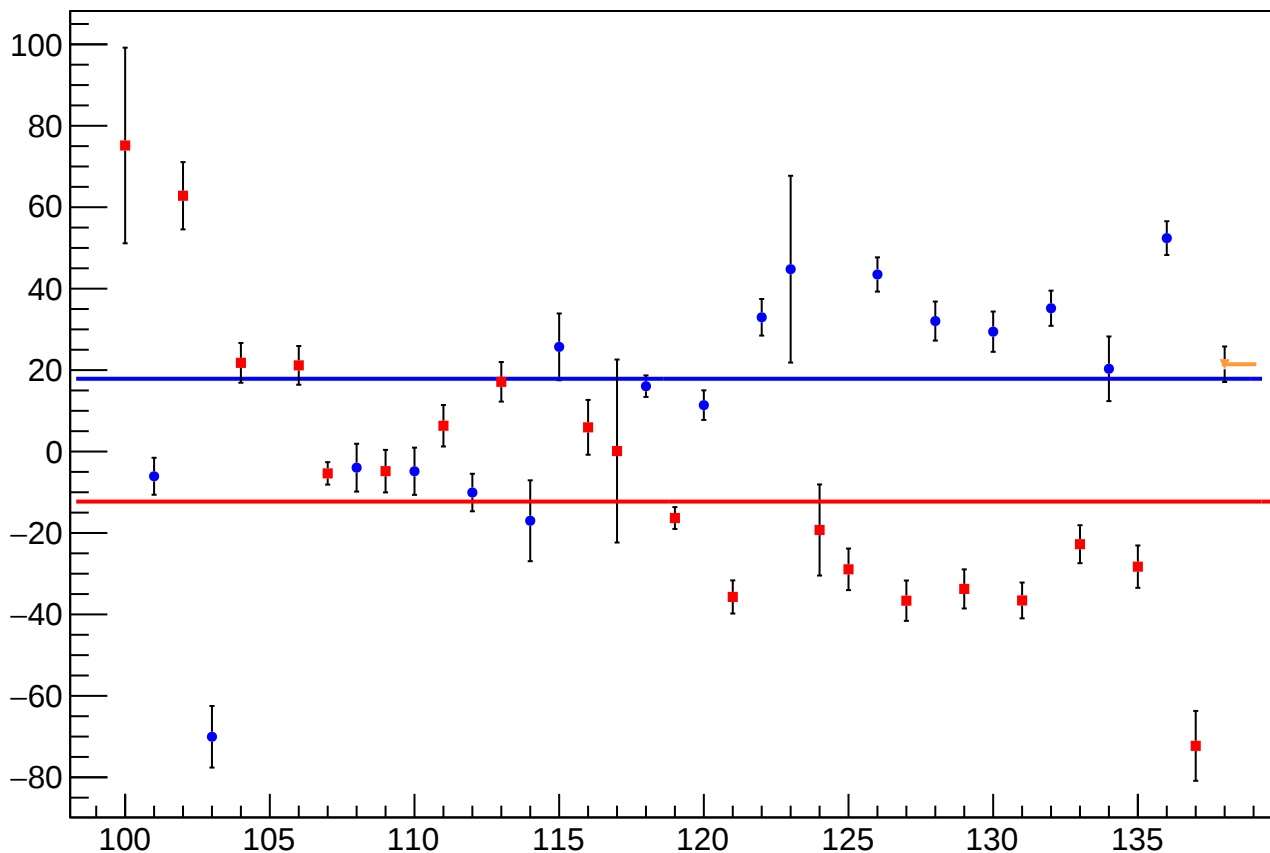
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

179.552+/-4.416 χ^2/NDF : 0.0/0

179.552+/-4.416 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.872+/-1.166 χ^2 /NDF: 395.3/16

Left Out: 21.439+/-4.354 χ^2 /NDF: 0.0/0

Right Out: -12.288+/-1.082 χ^2 /NDF: 444.4/19

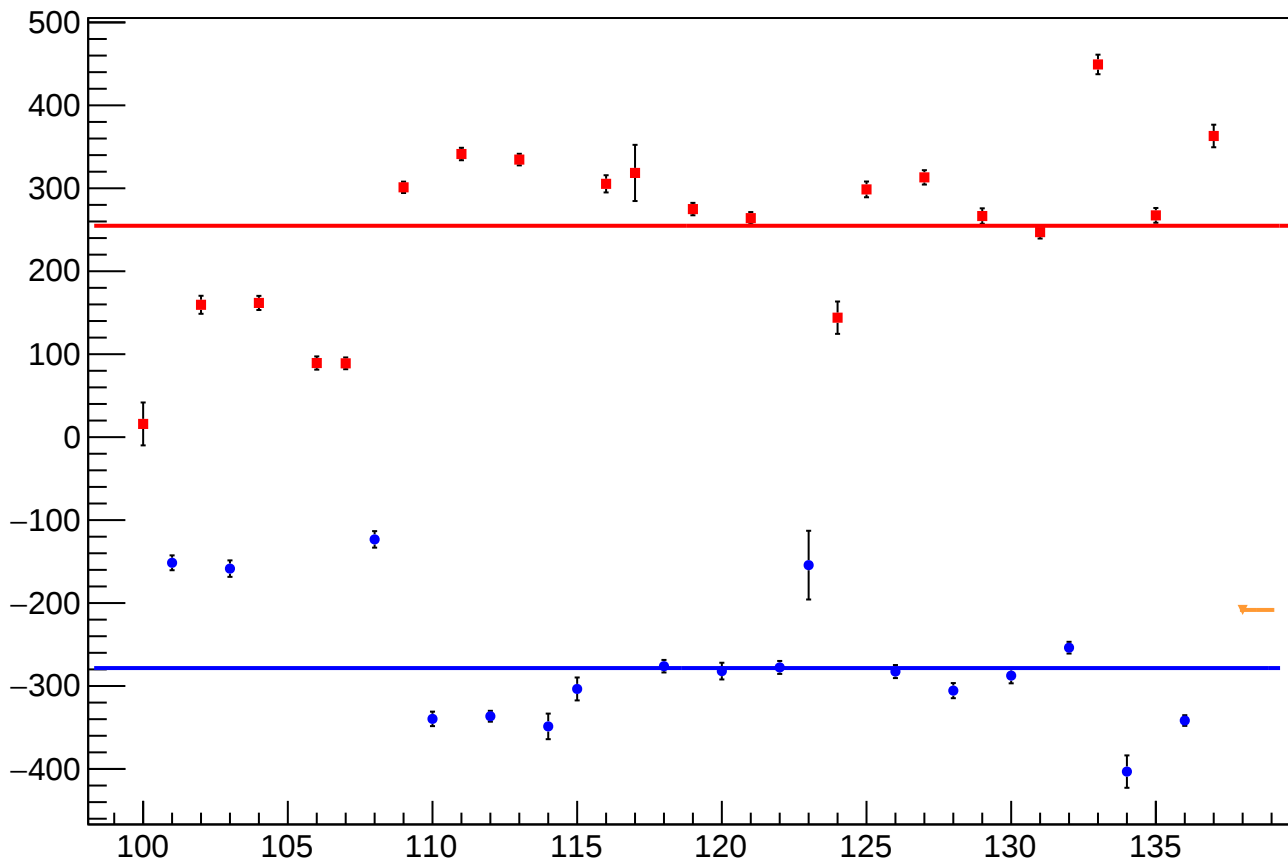
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

18.111+/-1.126 χ^2 /NDF: 396.0/17

2.305+/-0.780 χ^2 /NDF: 1219.2/37

-12.288+/-1.082 χ^2 /NDF: 444.4/19

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.380+/-2.185 χ^2 /NDF: 910.6/16

Left Out: -208.304+/-4.787 χ^2 /NDF:0.0/0

Right Out: 254.830+/-2.016 χ^2 /NDF: 2041.0/19

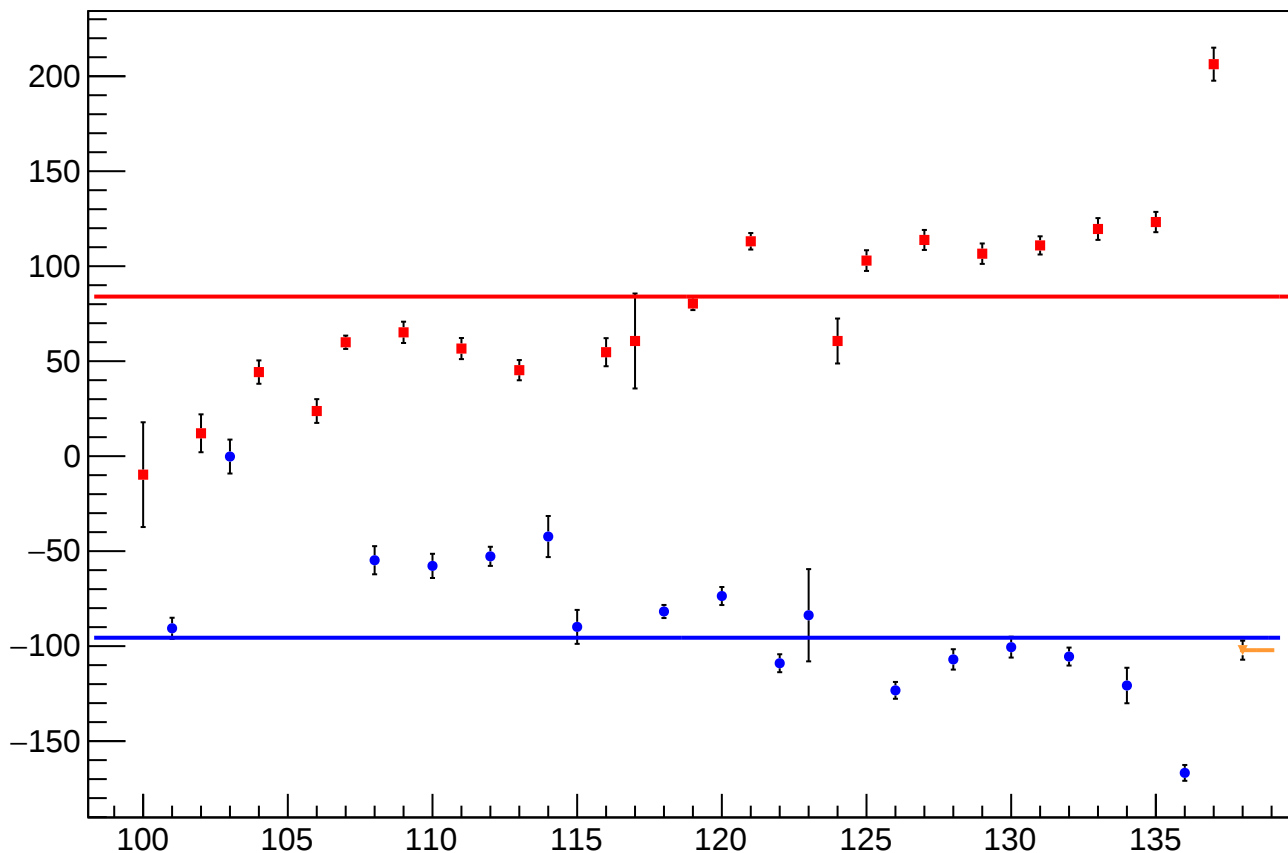
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-266.301+/-1.988 χ^2 /NDF: 1087.9/17

-9.457+/-1.415 χ^2 /NDF: 37009.4/37

254.830+/-2.016 χ^2 /NDF: 2041.0/19

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.576+/-1.340 χ^2/NDF : 671.2/16

Left Out: -102.130+/-5.012 χ^2/NDF : 0.0/0

Right Out: 84.003+/-1.255 χ^2/NDF : 784.1/19

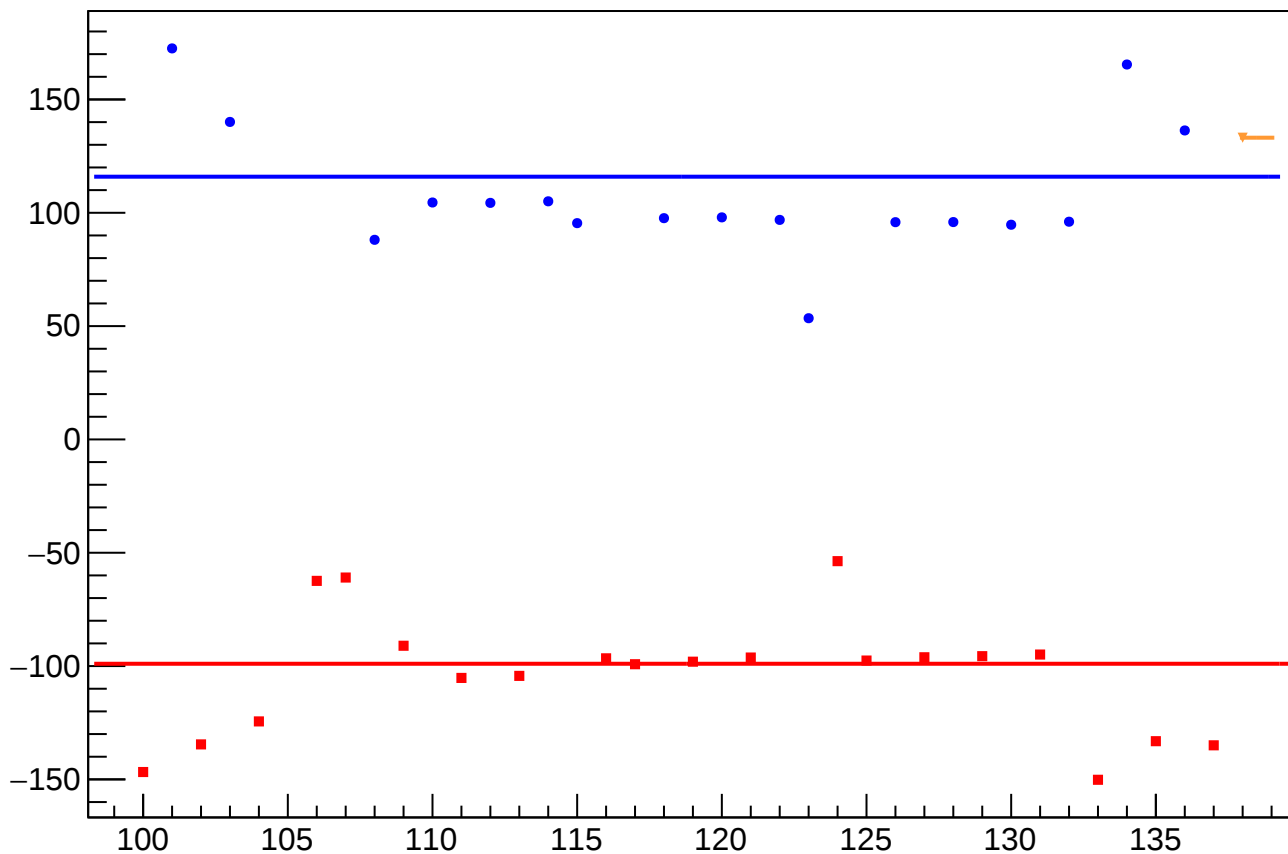
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-96.014+/-1.295 χ^2/NDF : 672.8/17

-3.197+/-0.901 χ^2/NDF : 11420.8/37

84.003+/-1.255 χ^2/NDF : 784.1/19

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.927+/-0.078 χ^2/NDF : 105791.4/16

Left Out: 133.130+/-0.190 χ^2/NDF : 0.0/0

Right Out: -98.982+/-0.068 χ^2/NDF : 172974.2/19

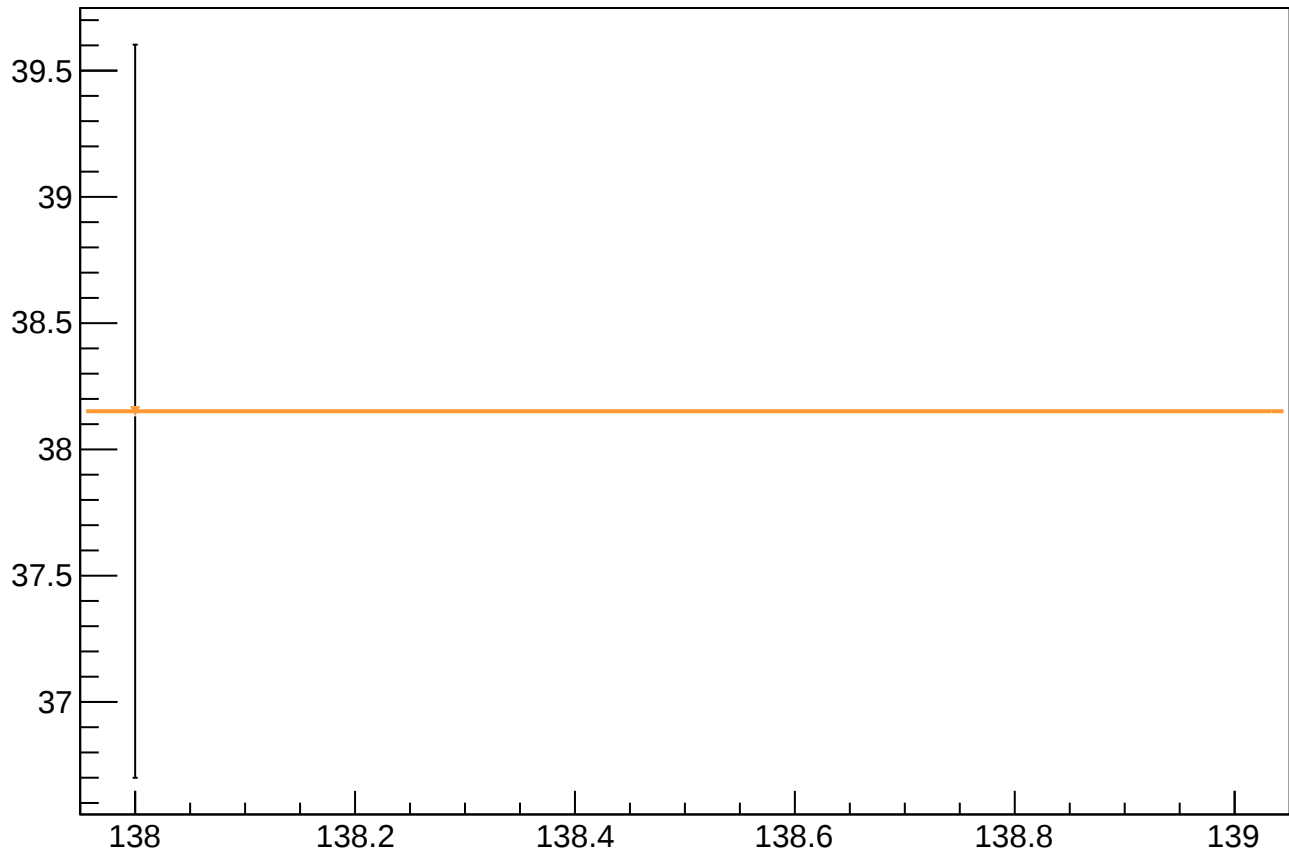
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

118.425+/-0.073 χ^2/NDF : 112779.4/17

3.524+/-0.050 χ^2/NDF : 5037403.0/37

-98.982+/-0.068 χ^2/NDF : 172974.2/19

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 38.151+/-1.452 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

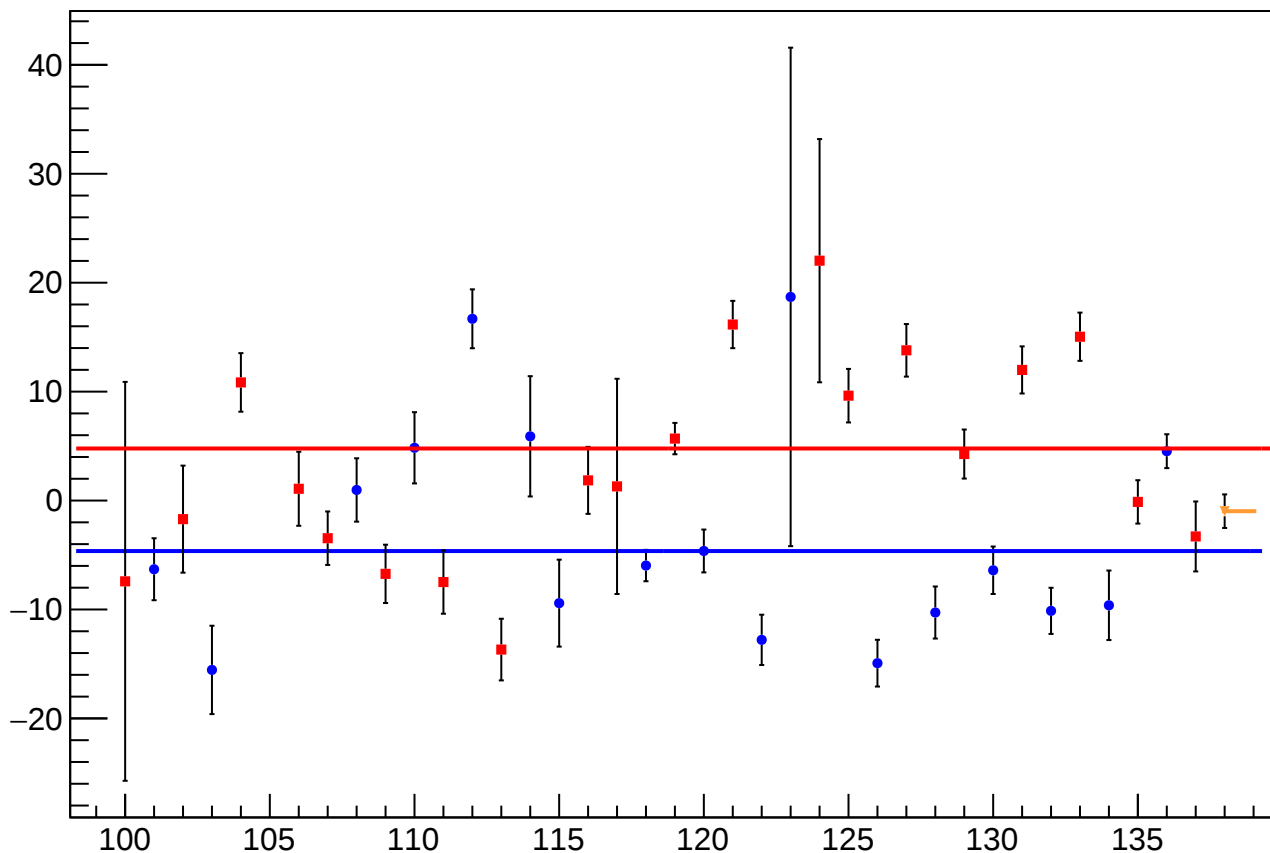
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

38.151+/-1.452 χ^2/NDF : 0.0/0

38.151+/-1.452 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.637 ± 0.588 χ^2/NDF : 174.4/16

Left Out: -0.976 ± 1.541 χ^2/NDF : 0.0/0

Right Out: 4.779 ± 0.583 χ^2/NDF : 192.7/19

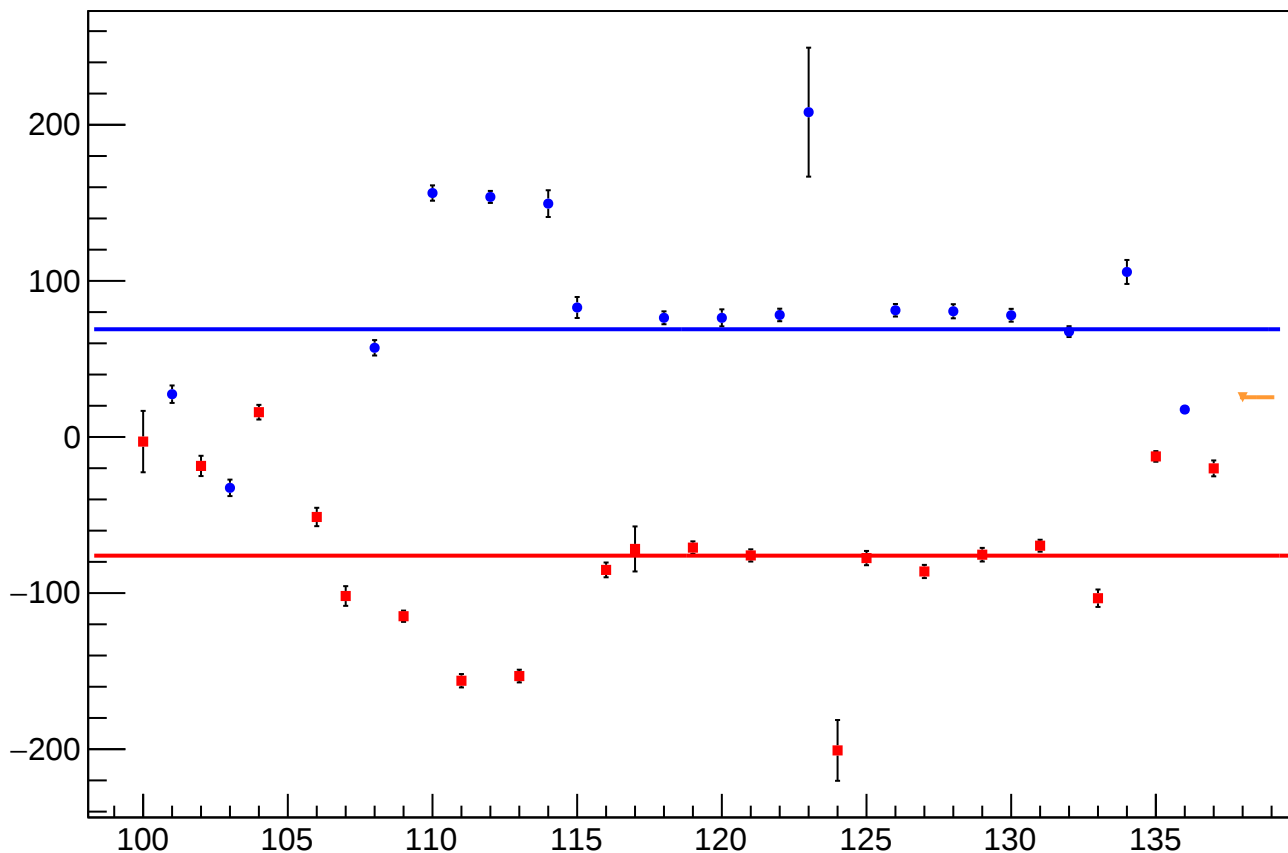
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-4.172 ± 0.549 χ^2/NDF : 179.4/17

0.032 ± 0.400 χ^2/NDF : 496.8/37

4.779 ± 0.583 χ^2/NDF : 192.7/19

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 69.019+/-1.083 χ^2 /NDF: 1848.0/16

Left Out: 25.458+/-1.575 χ^2 /NDF:0.0/0

Right Out: -76.017+/-1.067 χ^2 /NDF: 1882.0/19

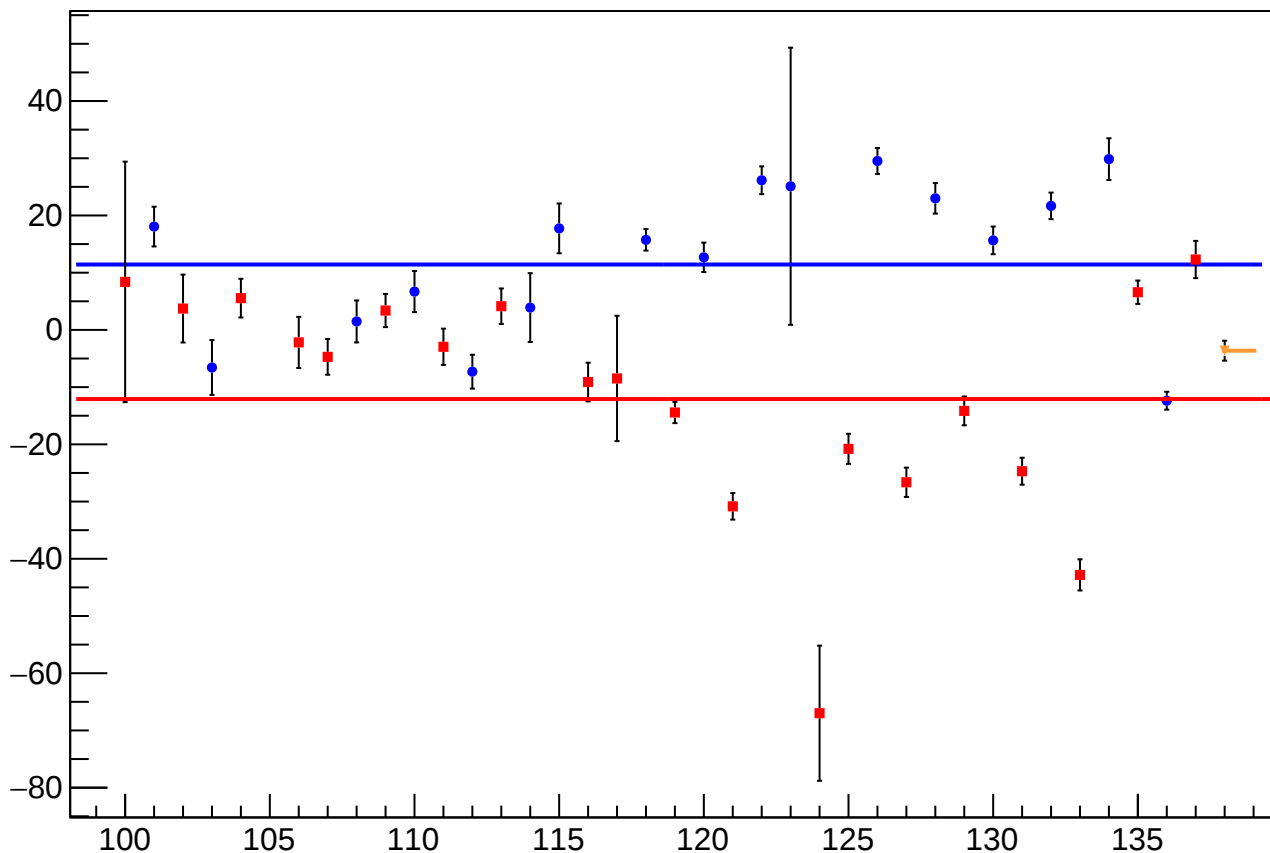
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

55.021+/-0.893 χ^2 /NDF: 2367.5/17

1.071+/-0.685 χ^2 /NDF: 13123.5/37

-76.017+/-1.067 χ^2 /NDF: 1882.0/19

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.428+/-0.665 χ^2/NDF : 476.8/16

Left Out: -3.632+/-1.738 χ^2/NDF : 0.0/0

Right Out: -12.082+/-0.663 χ^2/NDF : 539.2/19

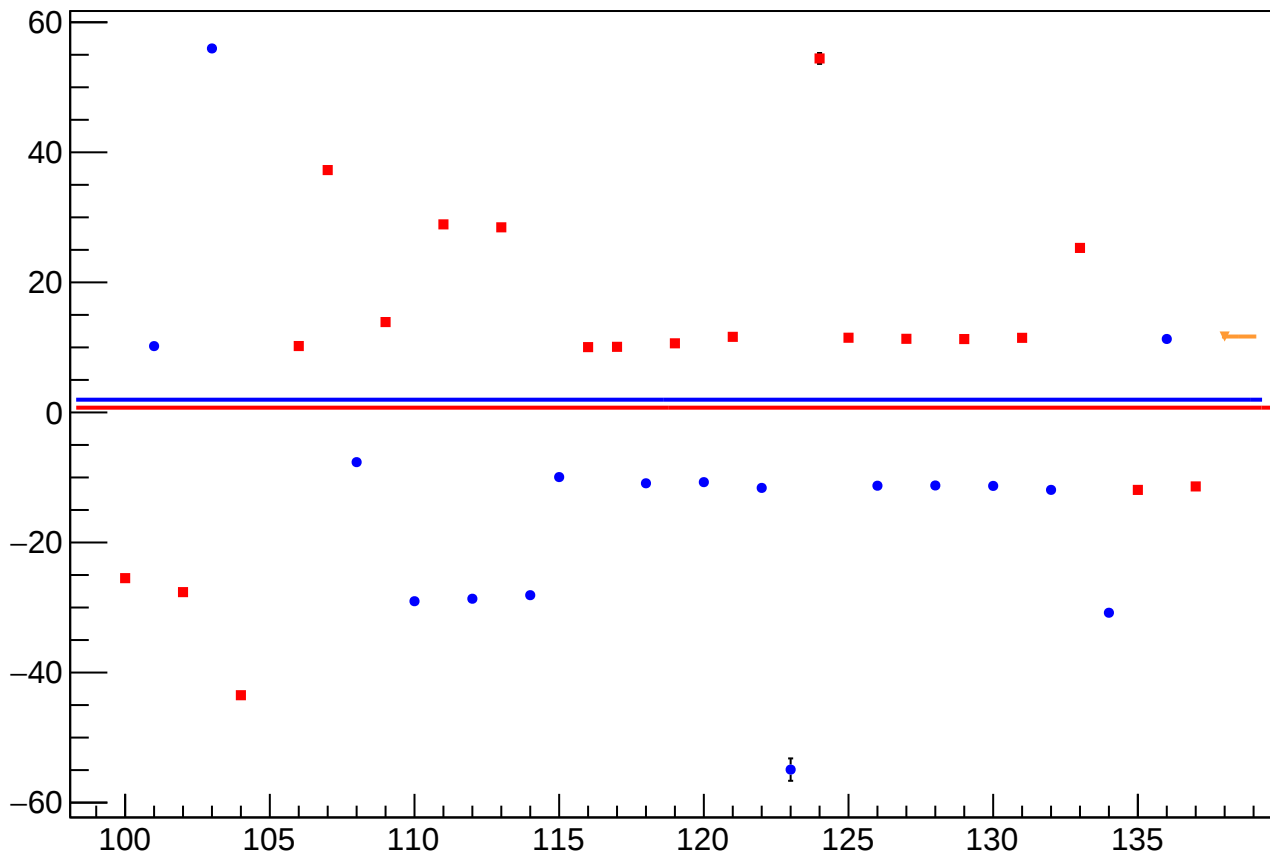
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.503+/-0.621 χ^2/NDF : 542.2/17

-0.597+/-0.453 χ^2/NDF : 1645.9/37

-12.082+/-0.663 χ^2/NDF : 539.2/19

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.960+/-0.037 χ^2/NDF : 358457.0/16

Left Out: 11.673+/-0.061 χ^2/NDF : 0.0/0

Right Out: 0.733+/-0.037 χ^2/NDF : 361368.4/19

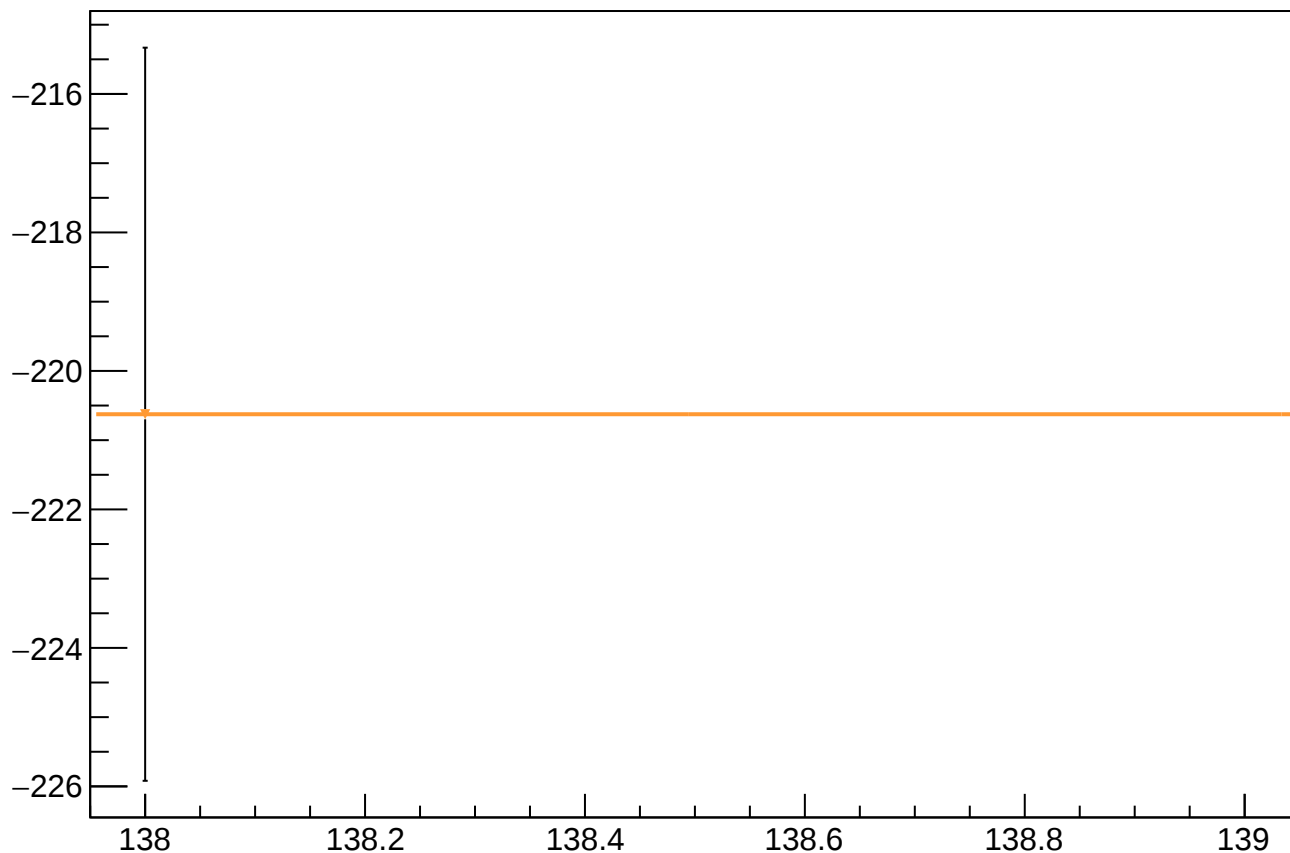
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.569+/-0.032 χ^2/NDF : 376822.7/17

2.944+/-0.024 χ^2/NDF : 744365.0/37

0.733+/-0.037 χ^2/NDF : 361368.4/19

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -220.625+/-5.294 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

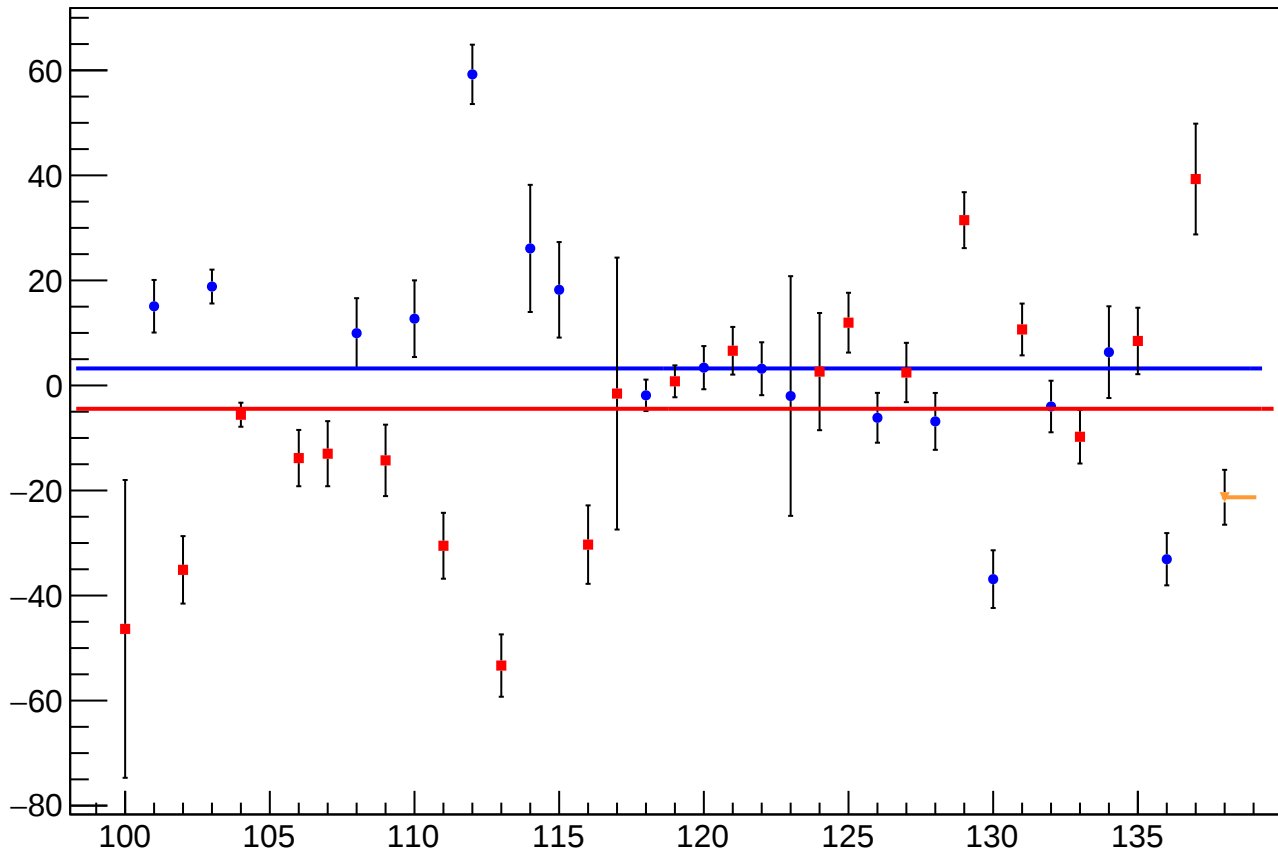
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-220.625+/-5.294 χ^2/NDF : 0.0/0

-220.625+/-5.294 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.237 $\pm$ 1.244 χ^2 /NDF: 255.3/16

Left Out: -21.292 $\pm$ 5.225 χ^2 /NDF: 0.0/0

Right Out: -4.444 $\pm$ 1.156 χ^2 /NDF: 225.8/19

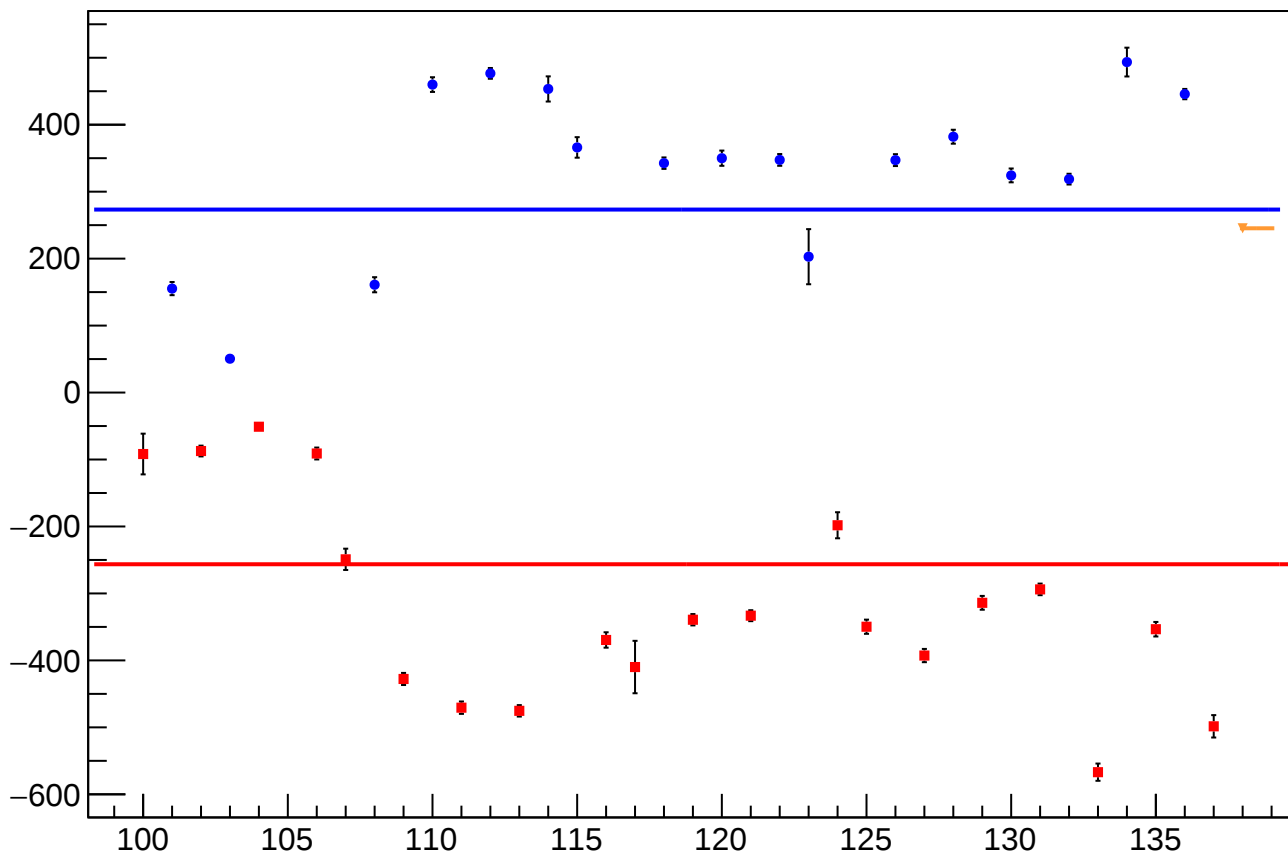
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.922 $\pm$ 1.210 χ^2 /NDF: 276.1/17

-1.406 $\pm$ 0.836 χ^2 /NDF: 516.4/37

-4.444 $\pm$ 1.156 χ^2 /NDF: 225.8/19

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.276+/-2.205 χ^2/NDF : 5101.5/16

Left Out: 245.312+/-5.739 χ^2/NDF : 0.0/0

Right Out: -256.418+/-2.077 χ^2/NDF : 6453.9/19

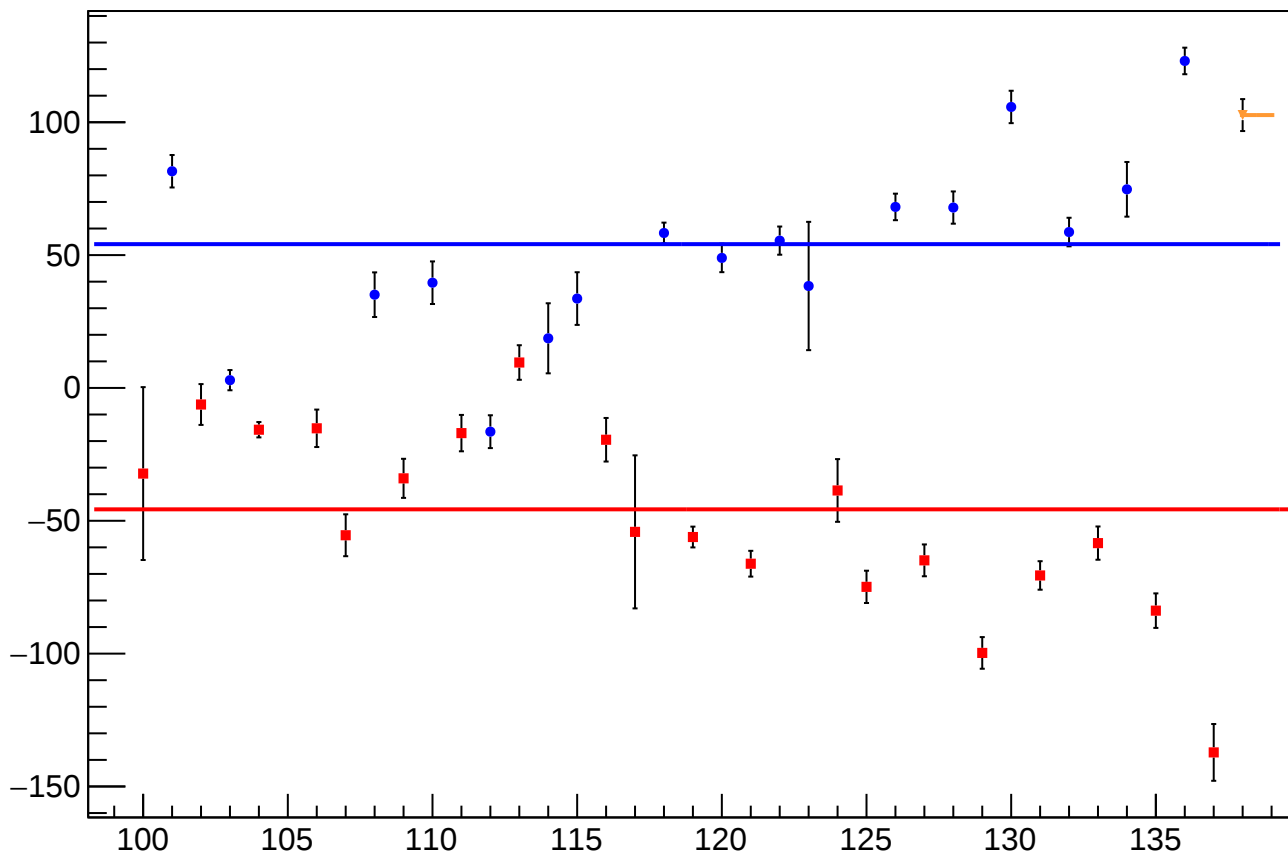
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

269.680+/-2.058 χ^2/NDF : 5122.2/17

9.024+/-1.462 χ^2/NDF : 43952.3/37

-256.418+/-2.077 χ^2/NDF : 6453.9/19

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.119+/-1.438 χ^2/NDF : 633.9/16

Left Out: 102.703+/-6.015 χ^2/NDF : 0.0/0

Right Out: -45.694+/-1.356 χ^2/NDF : 531.1/19

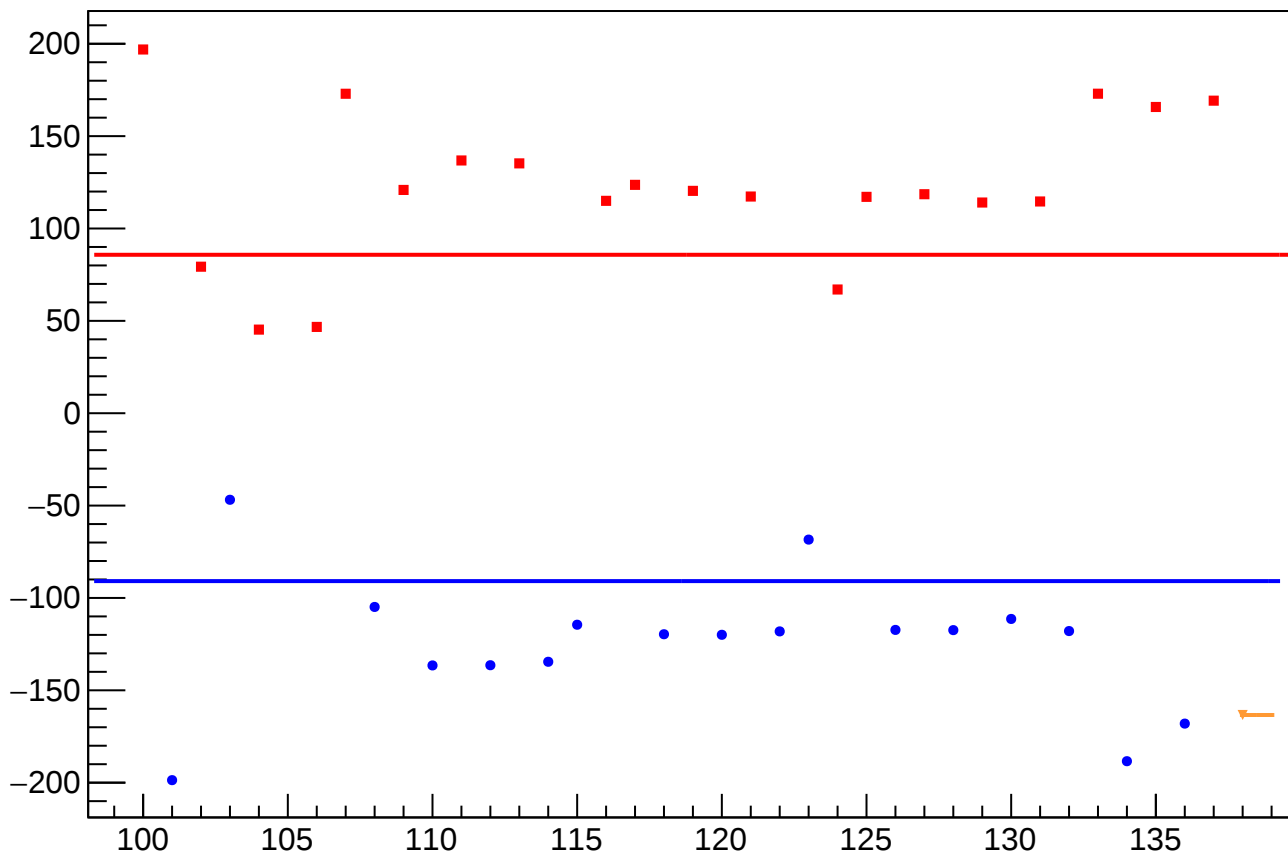
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

56.745+/-1.398 χ^2/NDF : 695.6/17

3.934+/-0.973 χ^2/NDF : 3993.2/37

-45.694+/-1.356 χ^2/NDF : 531.1/19

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -90.881 ± 0.068 χ^2/NDF : 533423.8/16

Left Out: -163.364 ± 0.228 χ^2/NDF : 0.0/0

Right Out: 85.772 ± 0.065 χ^2/NDF : 494629.5/19

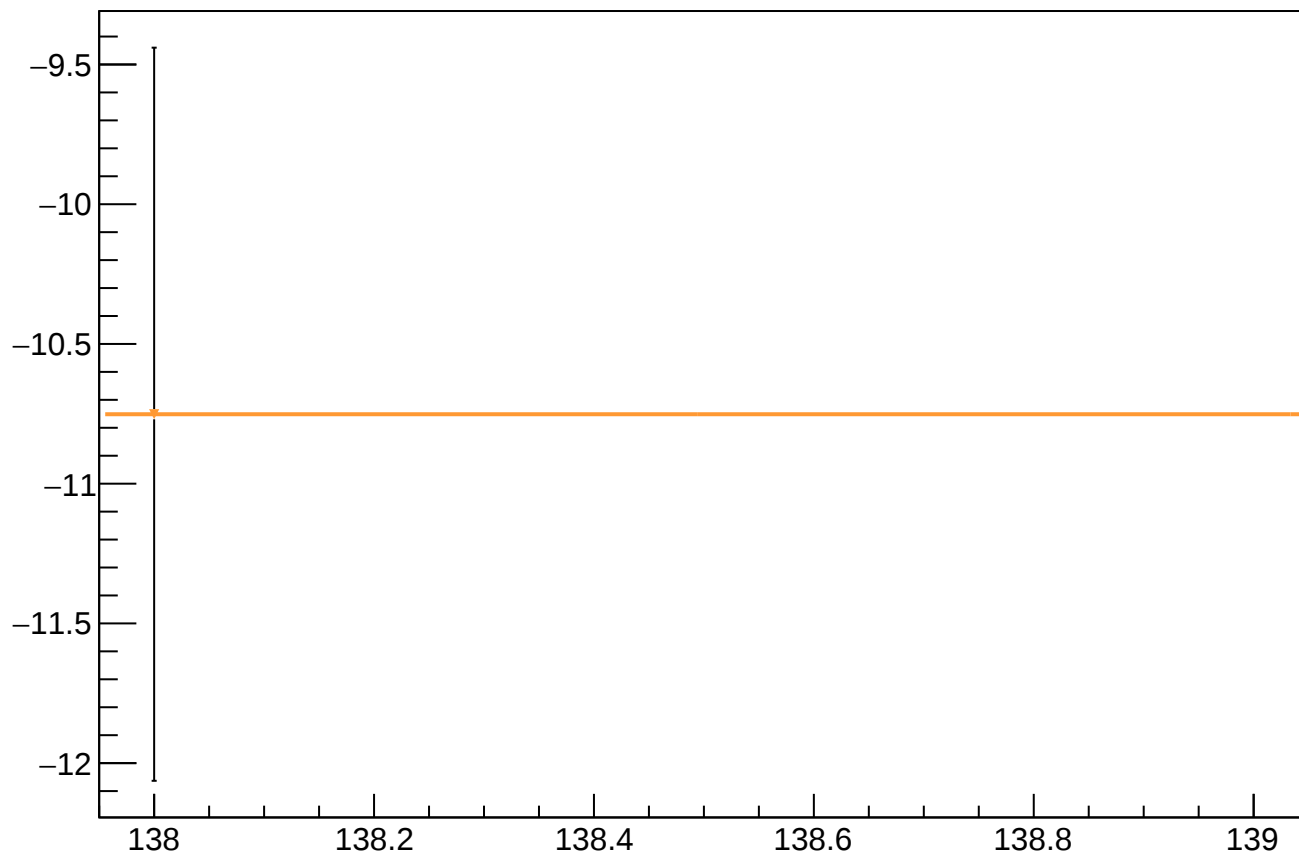
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-96.763 ± 0.065 χ^2/NDF : 626284.7/17

-5.603 ± 0.046 χ^2/NDF : 5065852.9/37

85.772 ± 0.065 χ^2/NDF : 494629.5/19

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.752+/-1.312 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

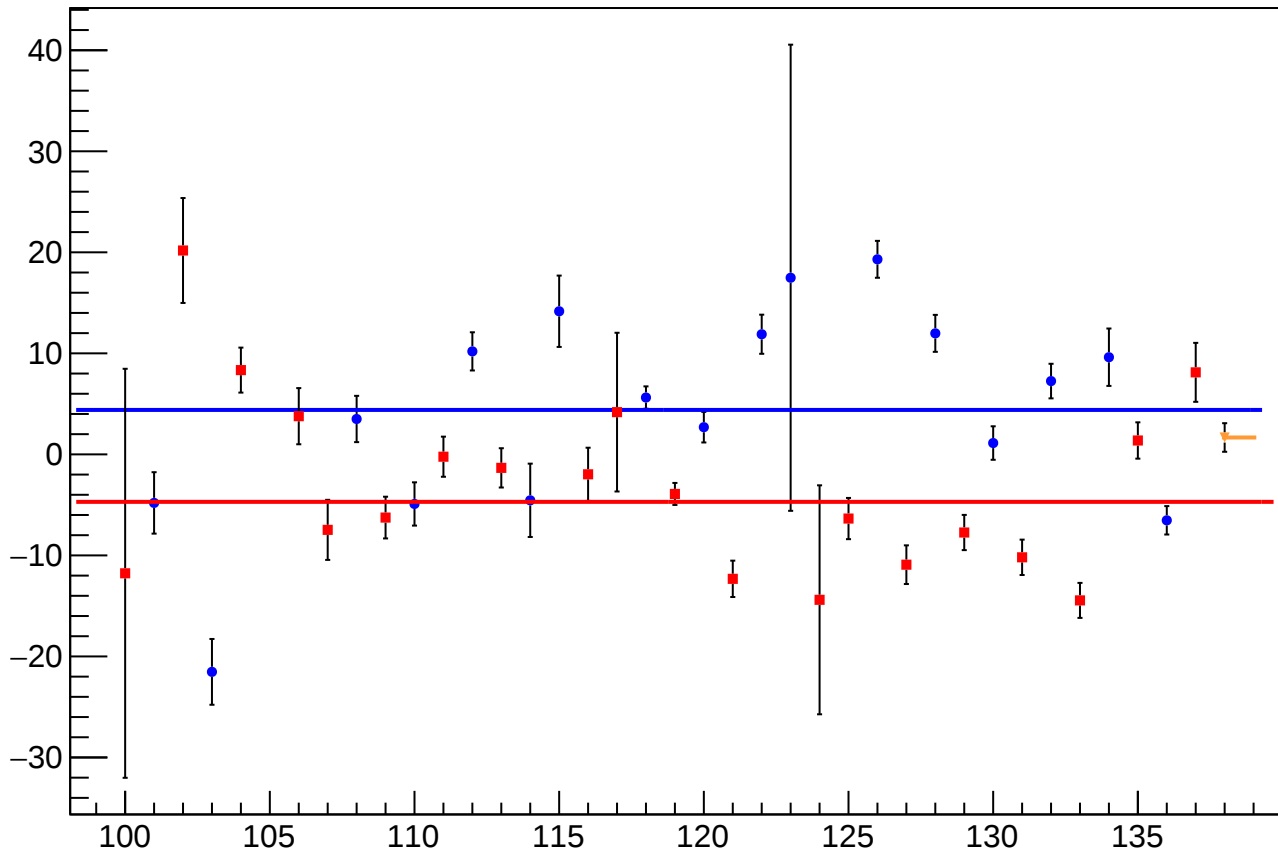
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-10.752+/-1.312 χ^2/NDF : 0.0/0

-10.752+/-1.312 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.399+/-0.471 χ^2/NDF : 286.8/16

Left Out: 1.671+/-1.415 χ^2/NDF : 0.0/0

Right Out: -4.700+/-0.472 χ^2/NDF : 184.2/19

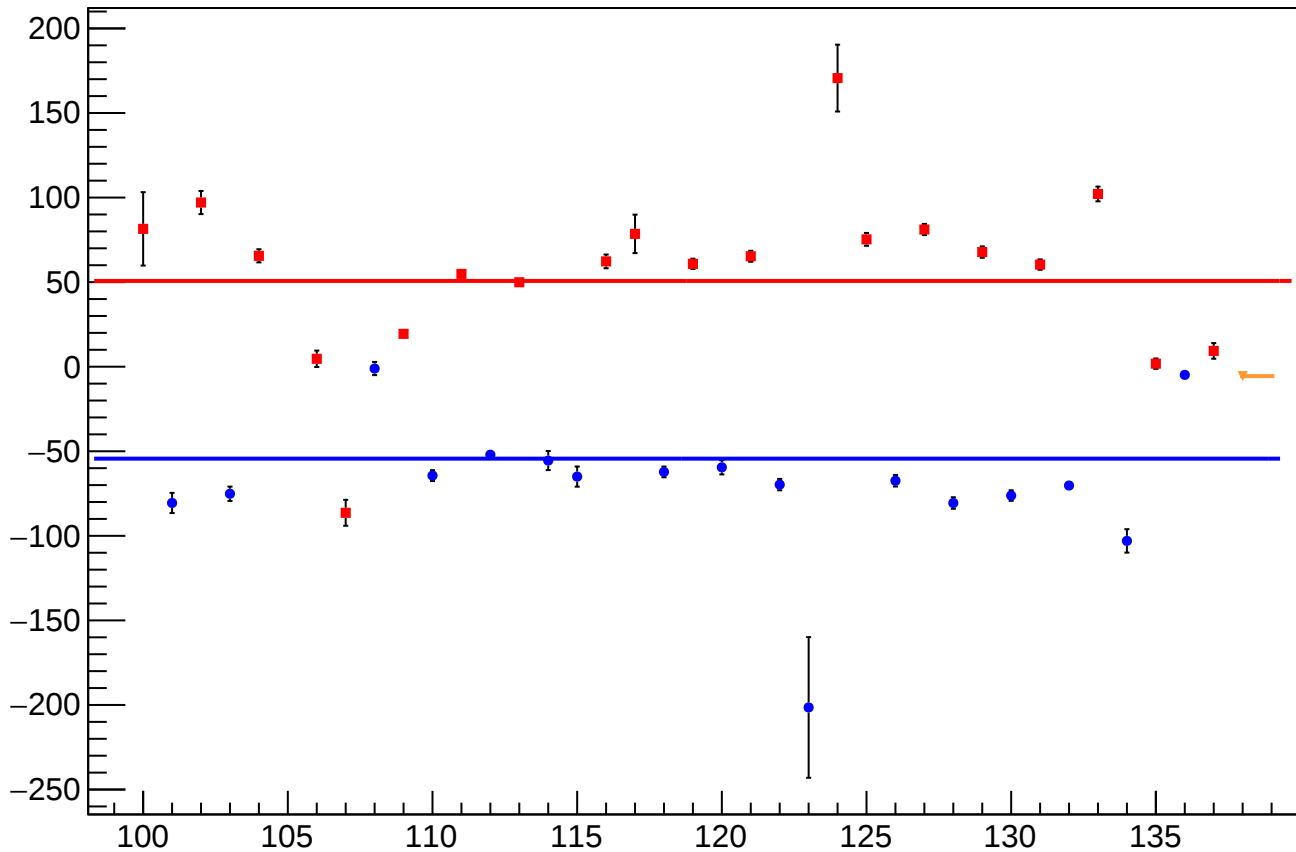
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.127+/-0.447 χ^2/NDF : 290.2/17

-0.044+/-0.325 χ^2/NDF : 658.6/37

-4.700+/-0.472 χ^2/NDF : 184.2/19

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.365 ± 0.868 χ^2/NDF : 1013.5/16

Left Out: -5.570 ± 1.423 χ^2/NDF : 0.0/0

Right Out: 50.712 ± 0.855 χ^2/NDF : 1327.3/19

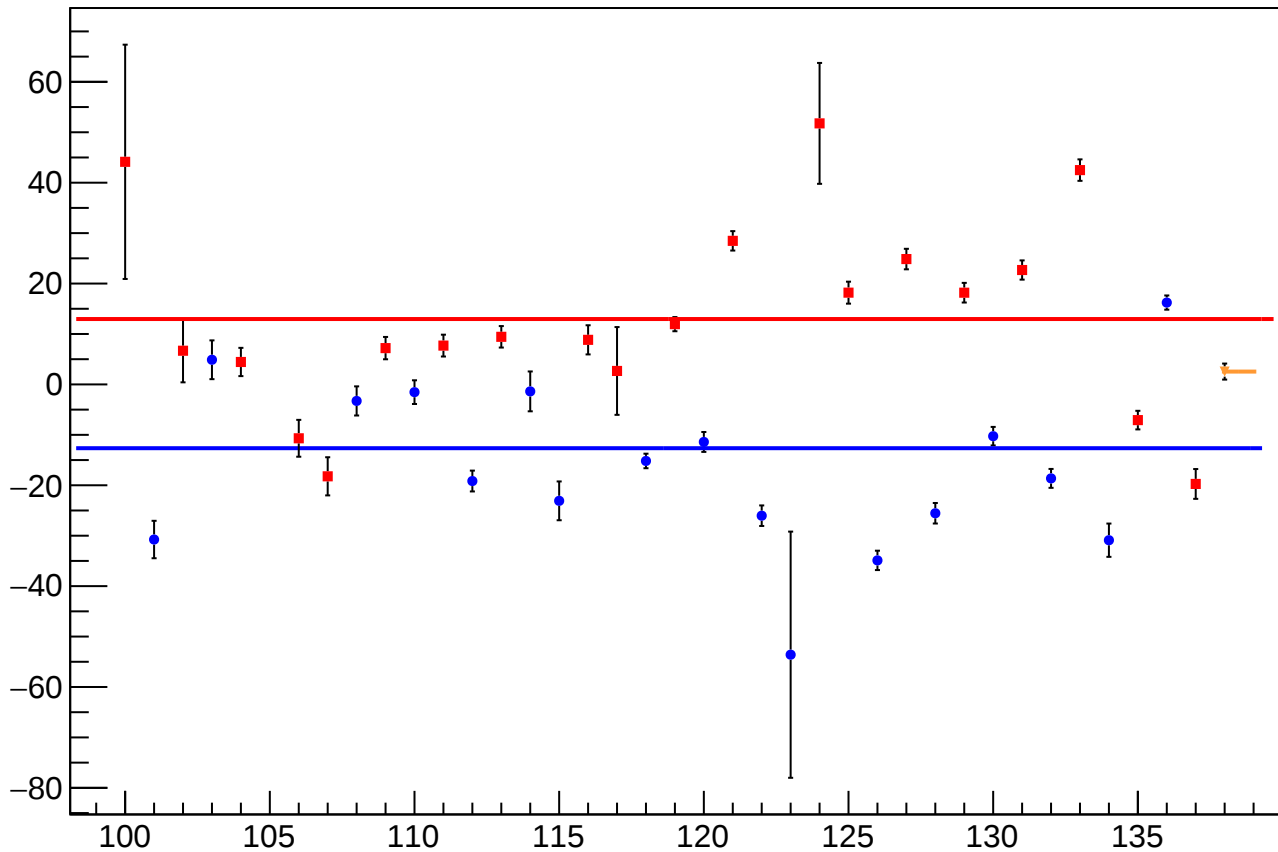
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-41.127 ± 0.741 χ^2/NDF : 1870.3/17

-1.728 ± 0.560 χ^2/NDF : 9784.6/37

50.712 ± 0.855 χ^2/NDF : 1327.3/19

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.648 ± 0.536 χ^2/NDF : 788.4/16

Left Out: 2.545 ± 1.589 χ^2/NDF : 0.0/0

Right Out: 12.965 ± 0.536 χ^2/NDF : 722.8/19

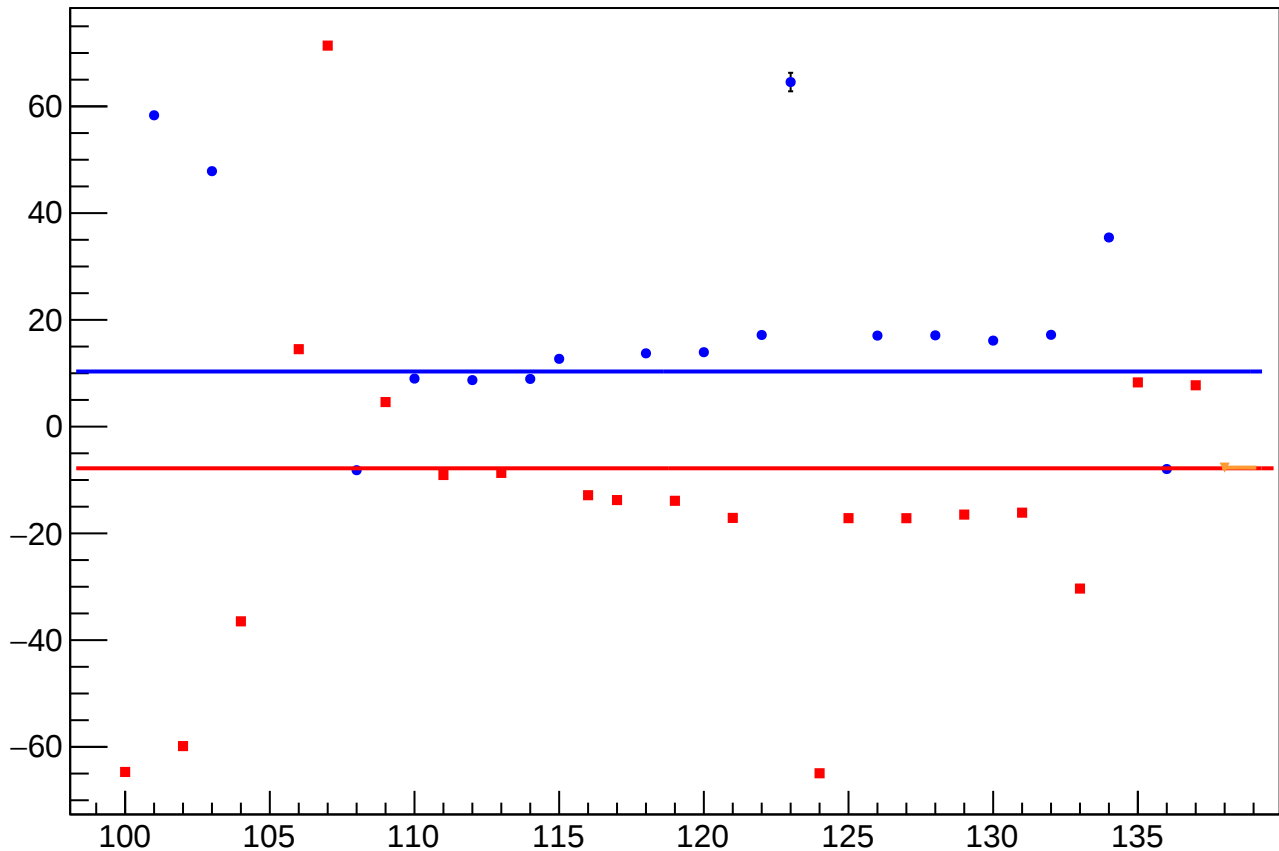
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-11.094 ± 0.508 χ^2/NDF : 870.5/17

0.282 ± 0.369 χ^2/NDF : 2653.5/37

12.965 ± 0.536 χ^2/NDF : 722.8/19

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.330+/-0.031 χ^2/NDF : 380857.1/16

Left Out: -7.675+/-0.055 χ^2/NDF : 0.0/0

Right Out: -7.808+/-0.031 χ^2/NDF : 544249.7/19

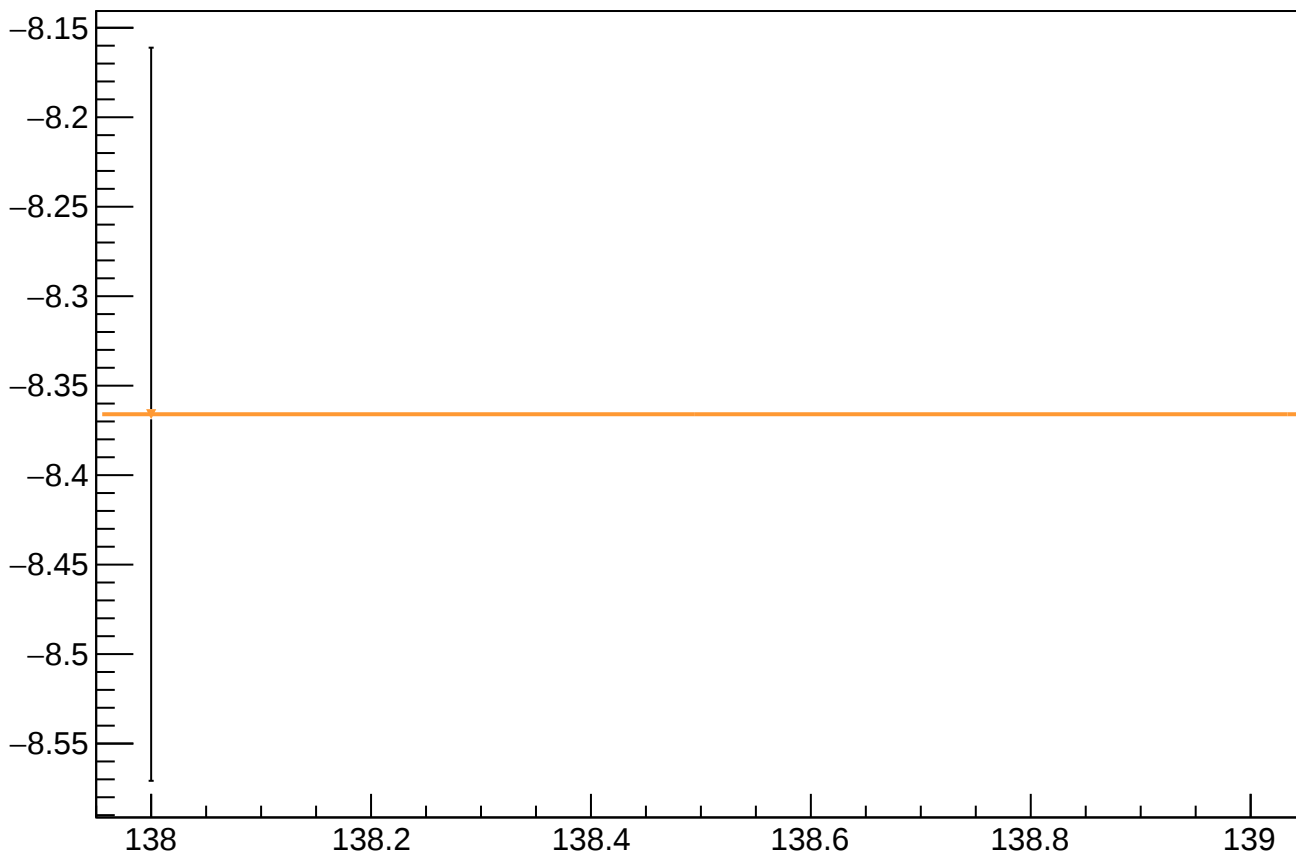
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.084+/-0.027 χ^2/NDF : 462110.4/17

0.192+/-0.020 χ^2/NDF : 1120165.0/37

-7.808+/-0.031 χ^2/NDF : 544249.7/19

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -8.366+/-0.205 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

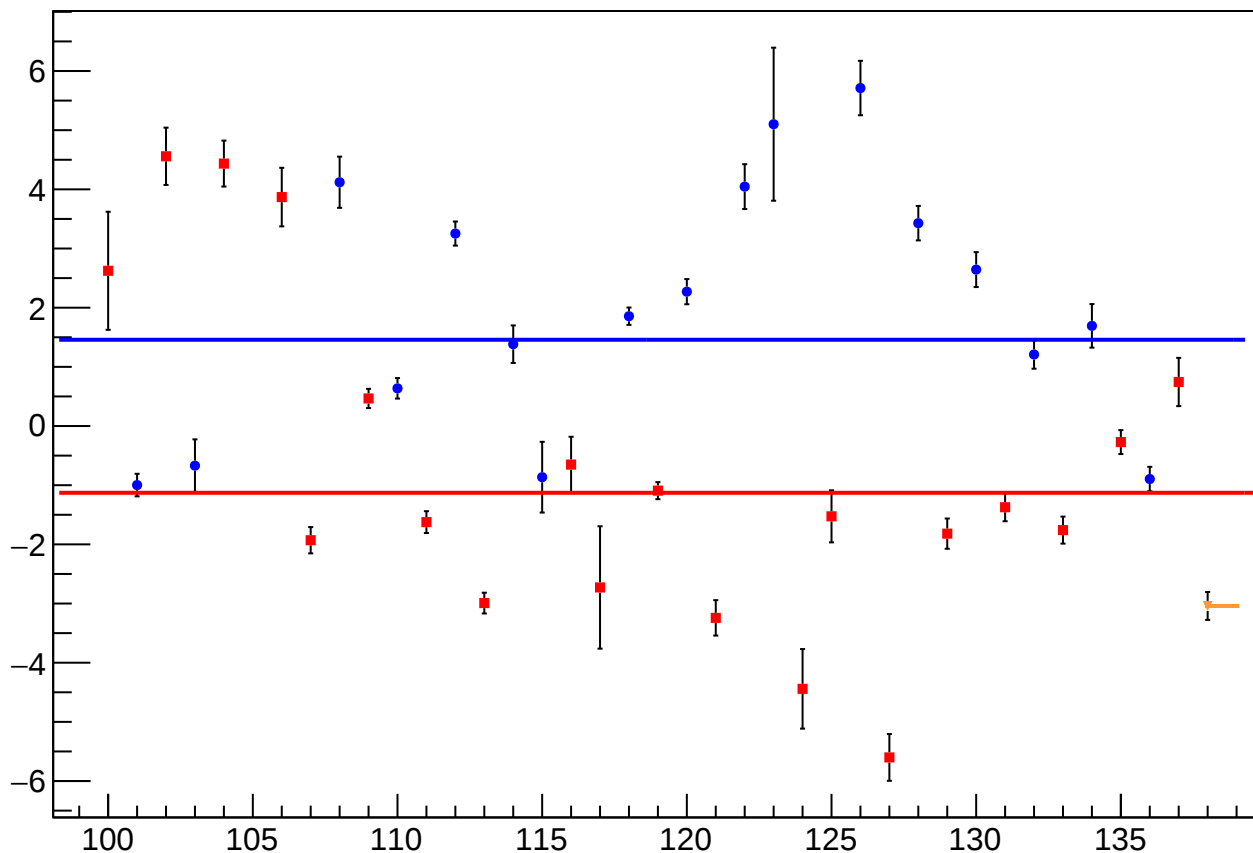
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-8.366+/-0.205 χ^2/NDF : 0.0/0

-8.366+/-0.205 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.458 $\pm$ 0.062 χ^2 /NDF: 698.2/16

Left Out: -3.041 $\pm$ 0.235 χ^2 /NDF: 0.0/0

Right Out: -1.128 $\pm$ 0.058 χ^2 /NDF: 949.8/19

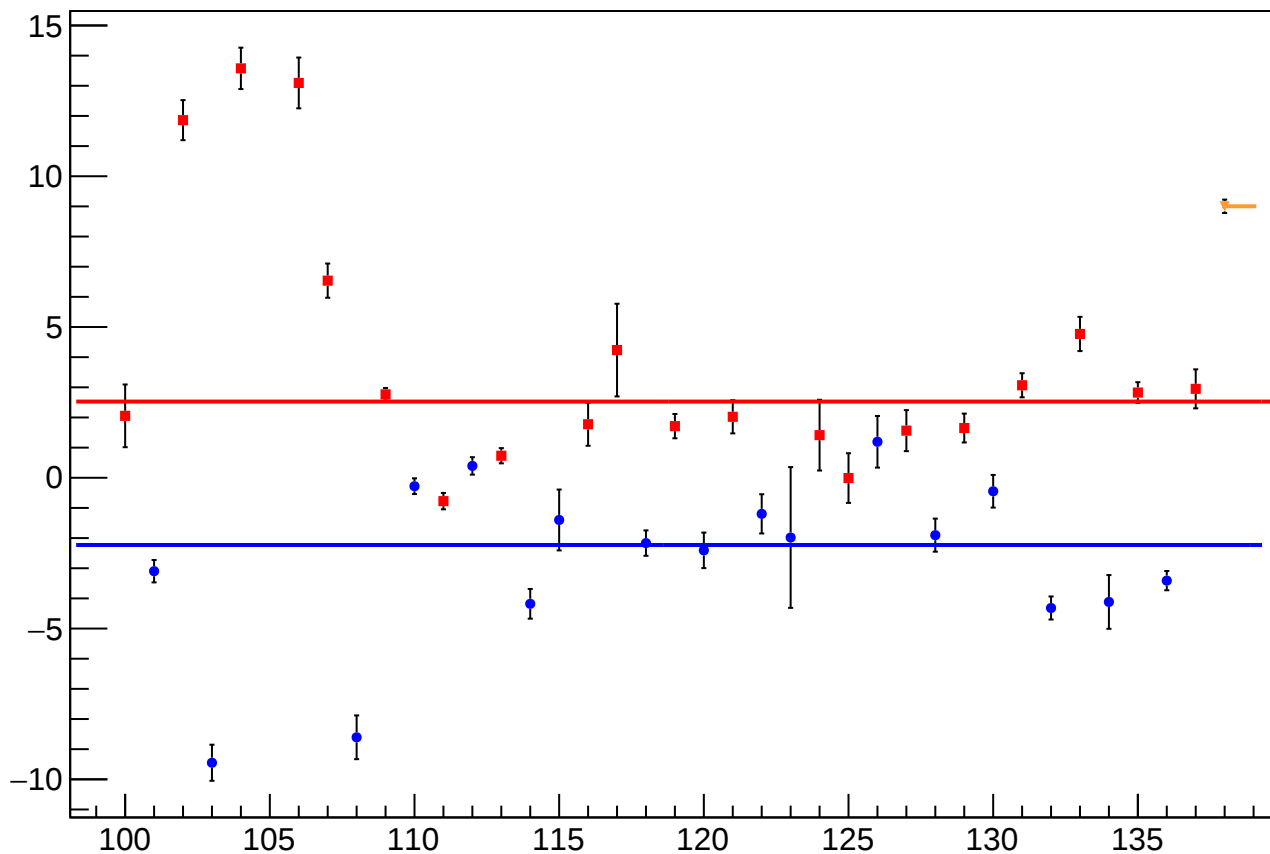
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.167 $\pm$ 0.060 χ^2 /NDF: 1039.8/17

-0.018 $\pm$ 0.042 χ^2 /NDF: 2747.0/37

-1.128 $\pm$ 0.058 χ^2 /NDF: 949.8/19

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.228 ± 0.111 χ^2/NDF : 460.4/16

Left Out: 9.003 ± 0.222 χ^2/NDF : 0.0/0

Right Out: 2.527 ± 0.099 χ^2/NDF : 905.2/19

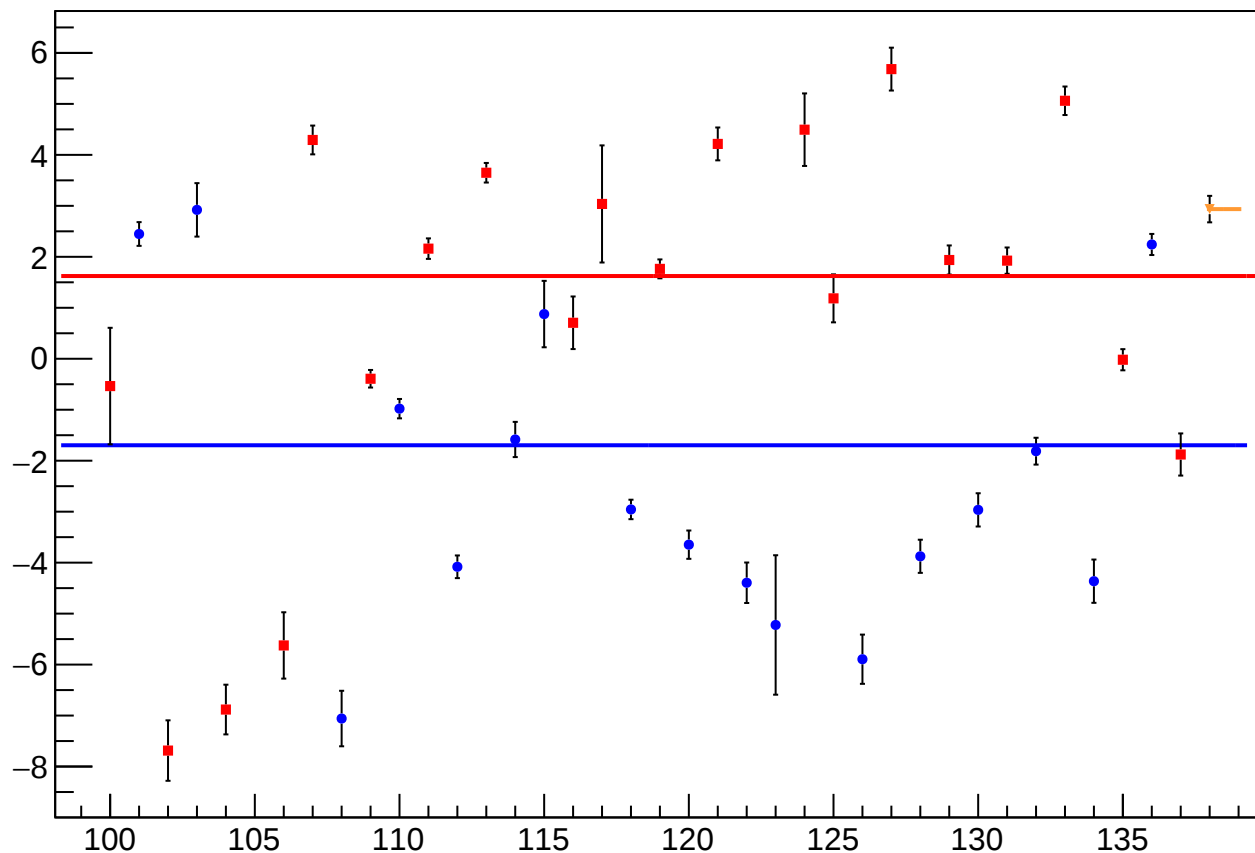
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.020 ± 0.100 χ^2/NDF : 2499.6/17

1.283 ± 0.070 χ^2/NDF : 3724.8/37

2.527 ± 0.099 χ^2/NDF : 905.2/19

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.697 $\pm$ 0.071 χ^2 /NDF: 1319.4/16

Left Out: 2.936 $\pm$ 0.260 χ^2 /NDF:0.0/0

Right Out: 1.623 $\pm$ 0.066 χ^2 /NDF: 1490.8/19

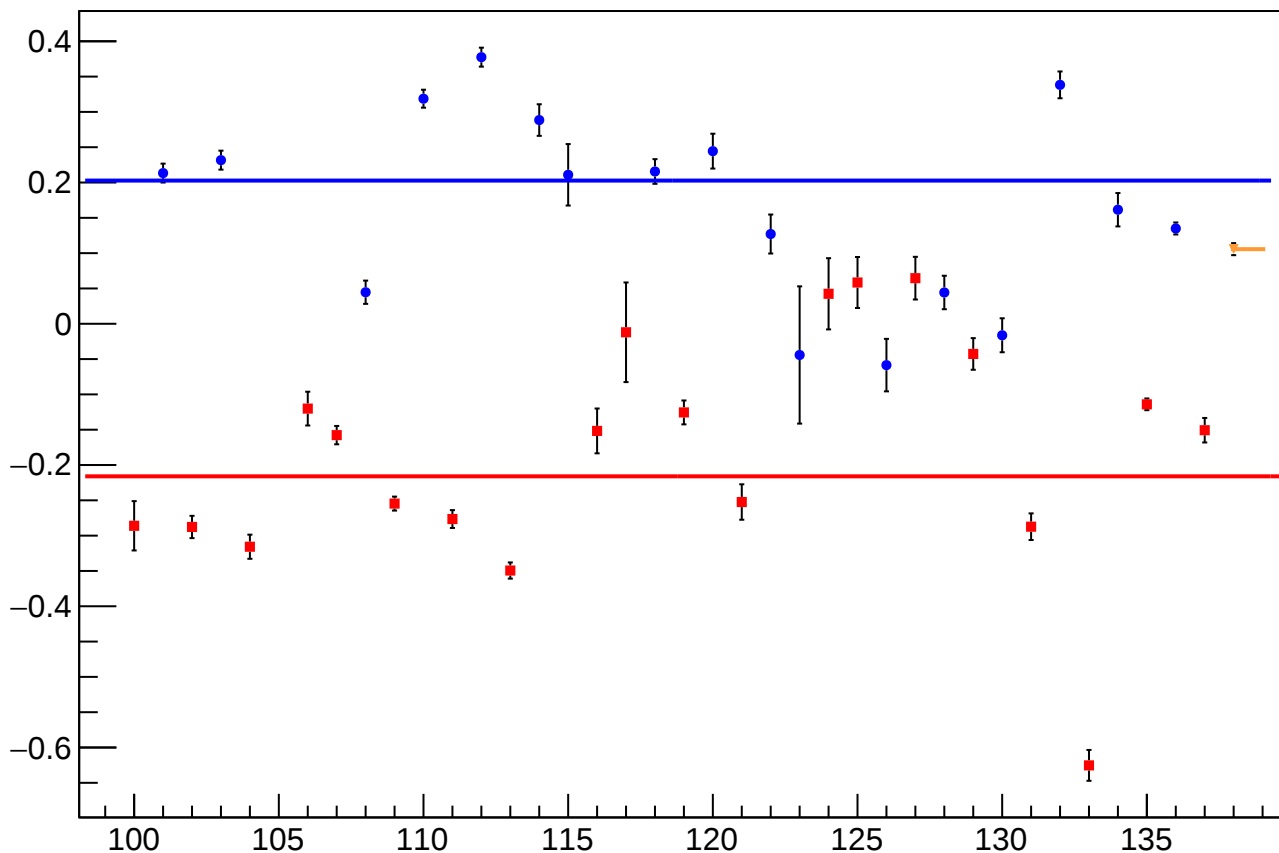
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-1.374 $\pm$ 0.069 χ^2 /NDF: 1615.3/17

0.192 $\pm$ 0.047 χ^2 /NDF: 4104.1/37

1.623 $\pm$ 0.066 χ^2 /NDF: 1490.8/19

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 676.5/16

Left Out: 0.106 $\pm$ 0.009 χ^2 /NDF: 0.0/0

Right Out: -0.216 $\pm$ 0.004 χ^2 /NDF: 1072.8/19

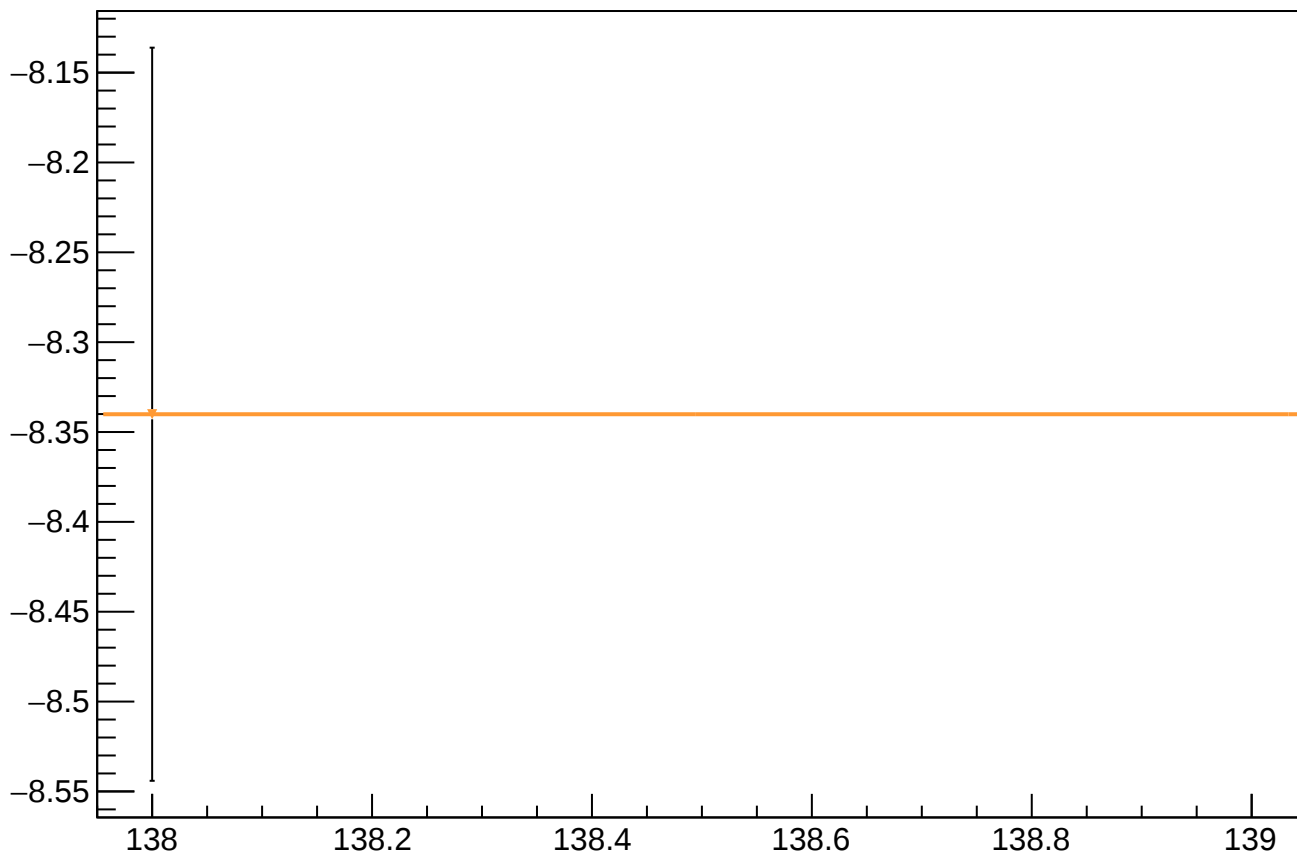
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.184 $\pm$ 0.004 χ^2 /NDF: 781.0/17

-0.018 $\pm$ 0.003 χ^2 /NDF: 7659.5/37

-0.216 $\pm$ 0.004 χ^2 /NDF: 1072.8/19

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -8.340+/-0.204 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

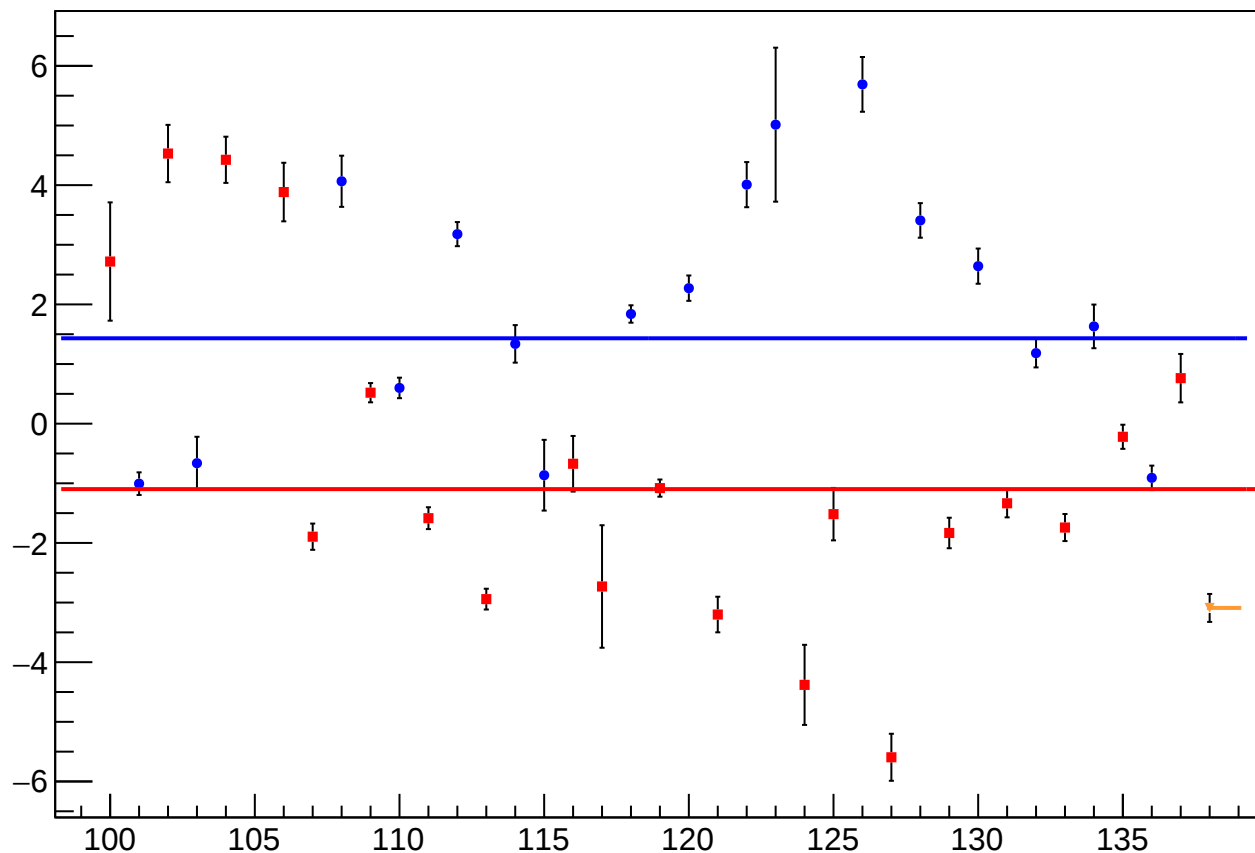
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-8.340+/-0.204 χ^2/NDF : 0.0/0

-8.340+/-0.204 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.432 $\pm$ 0.062 χ^2 /NDF: 696.6/16

Left Out: -3.090 $\pm$ 0.234 χ^2 /NDF: 0.0/0

Right Out: -1.098 $\pm$ 0.058 χ^2 /NDF: 955.7/19

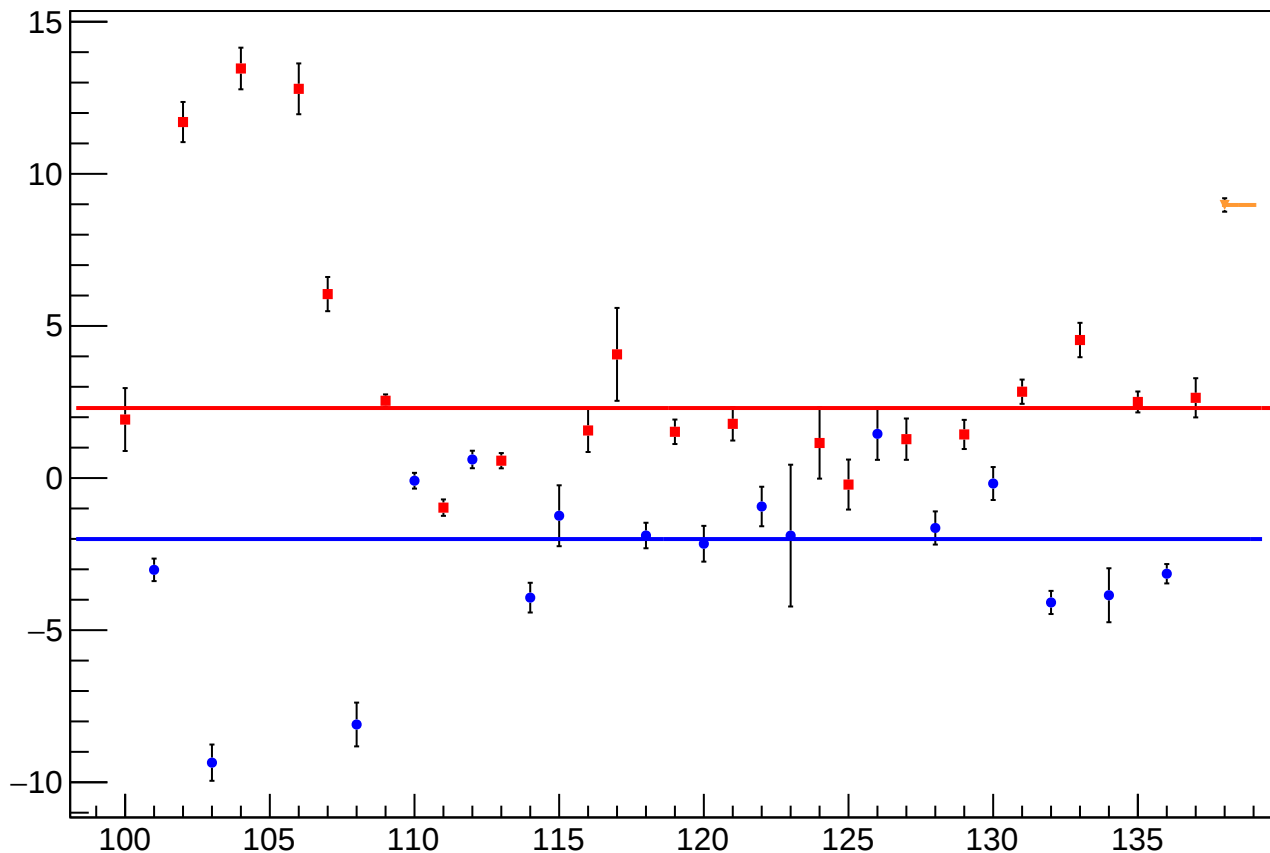
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.139 $\pm$ 0.060 χ^2 /NDF: 1044.6/17

-0.015 $\pm$ 0.041 χ^2 /NDF: 2726.2/37

-1.098 $\pm$ 0.058 χ^2 /NDF: 955.7/19

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.005 ± 0.111 χ^2/NDF : 463.1/16

Left Out: 8.977 ± 0.222 χ^2/NDF : 0.0/0

Right Out: 2.302 ± 0.098 χ^2/NDF : 908.6/19

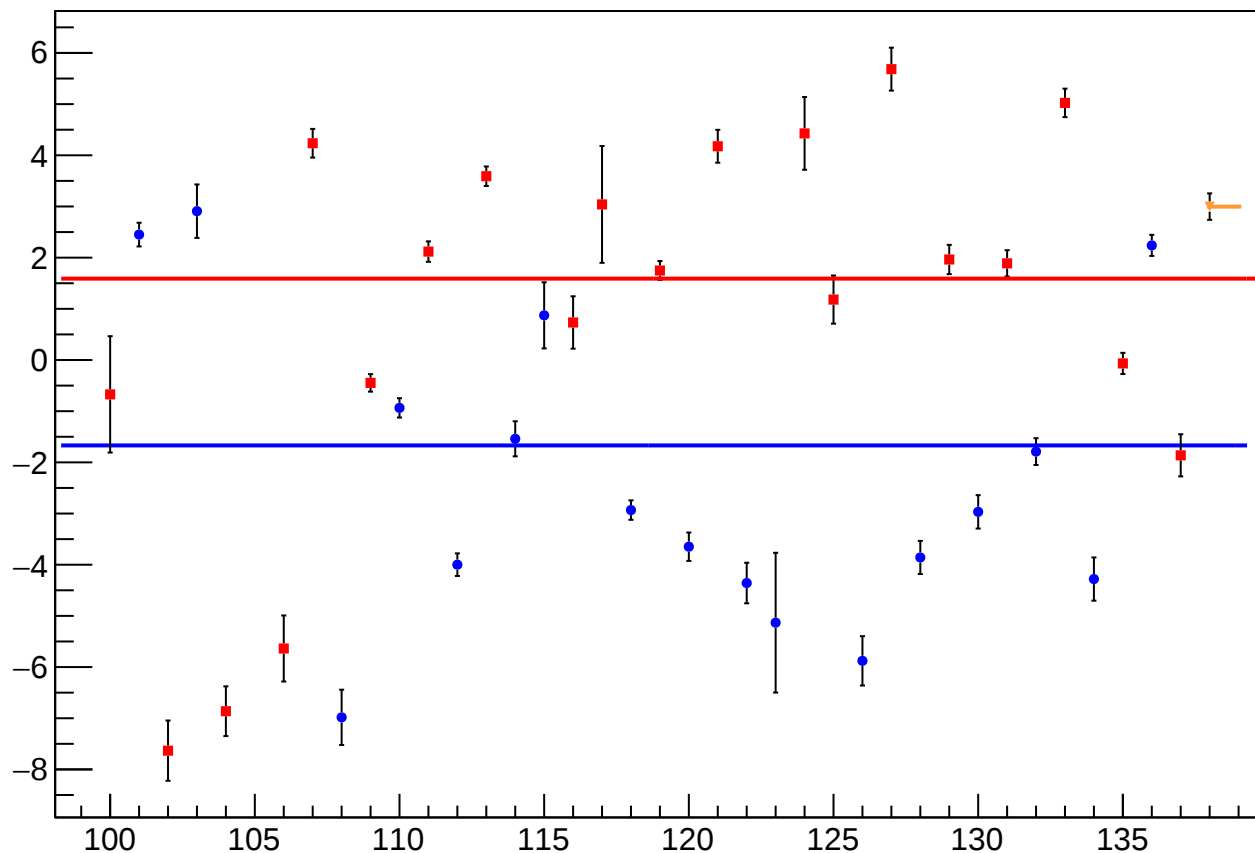
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.190 ± 0.099 χ^2/NDF : 2429.8/17

1.254 ± 0.070 χ^2/NDF : 3567.5/37

2.302 ± 0.098 χ^2/NDF : 908.6/19

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.669+/-0.071 χ^2/NDF : 1314.9/16

Left Out: 2.997+/-0.259 χ^2/NDF : 0.0/0

Right Out: 1.590+/-0.065 χ^2/NDF : 1496.3/19

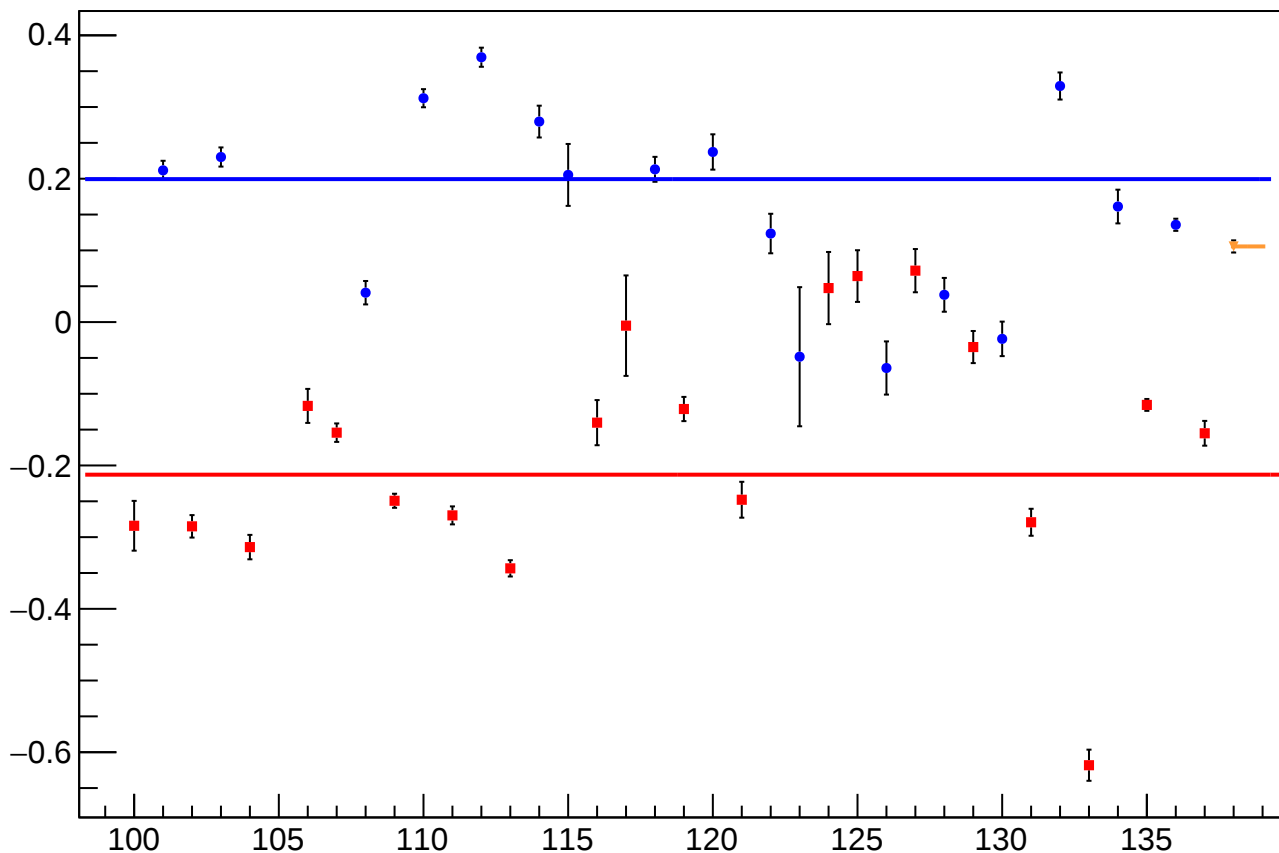
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.344+/-0.068 χ^2/NDF : 1617.8/17

0.189+/-0.047 χ^2/NDF : 4079.4/37

1.590+/-0.065 χ^2/NDF : 1496.3/19

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.199 $\pm$ 0.004 χ^2 /NDF: 662.1/16

Left Out: 0.106 $\pm$ 0.009 χ^2 /NDF: 0.0/0

Right Out: -0.213 $\pm$ 0.004 χ^2 /NDF: 1057.0/19

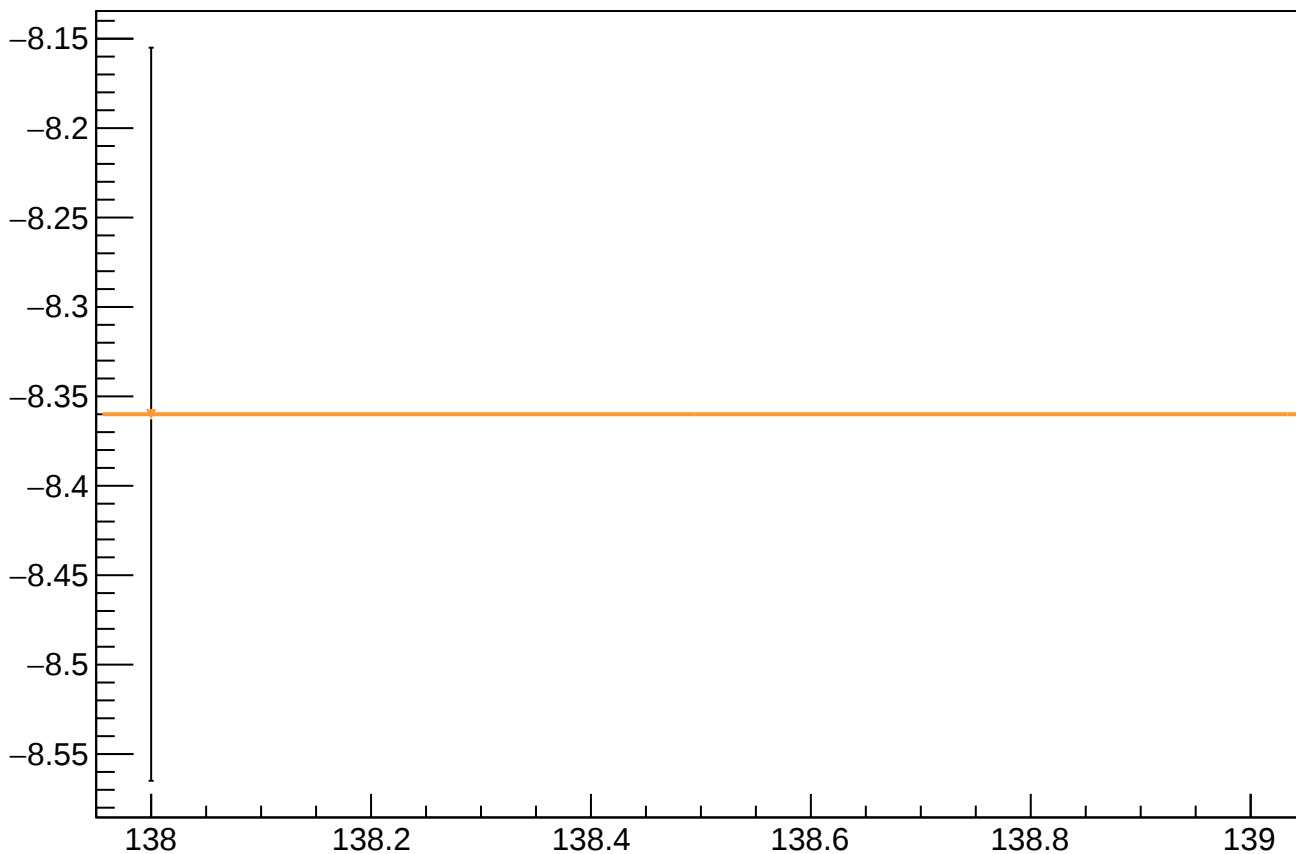
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.182 $\pm$ 0.004 χ^2 /NDF: 760.7/17

-0.018 $\pm$ 0.003 χ^2 /NDF: 7509.1/37

-0.213 $\pm$ 0.004 χ^2 /NDF: 1057.0/19

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -8.360 ± 0.205 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

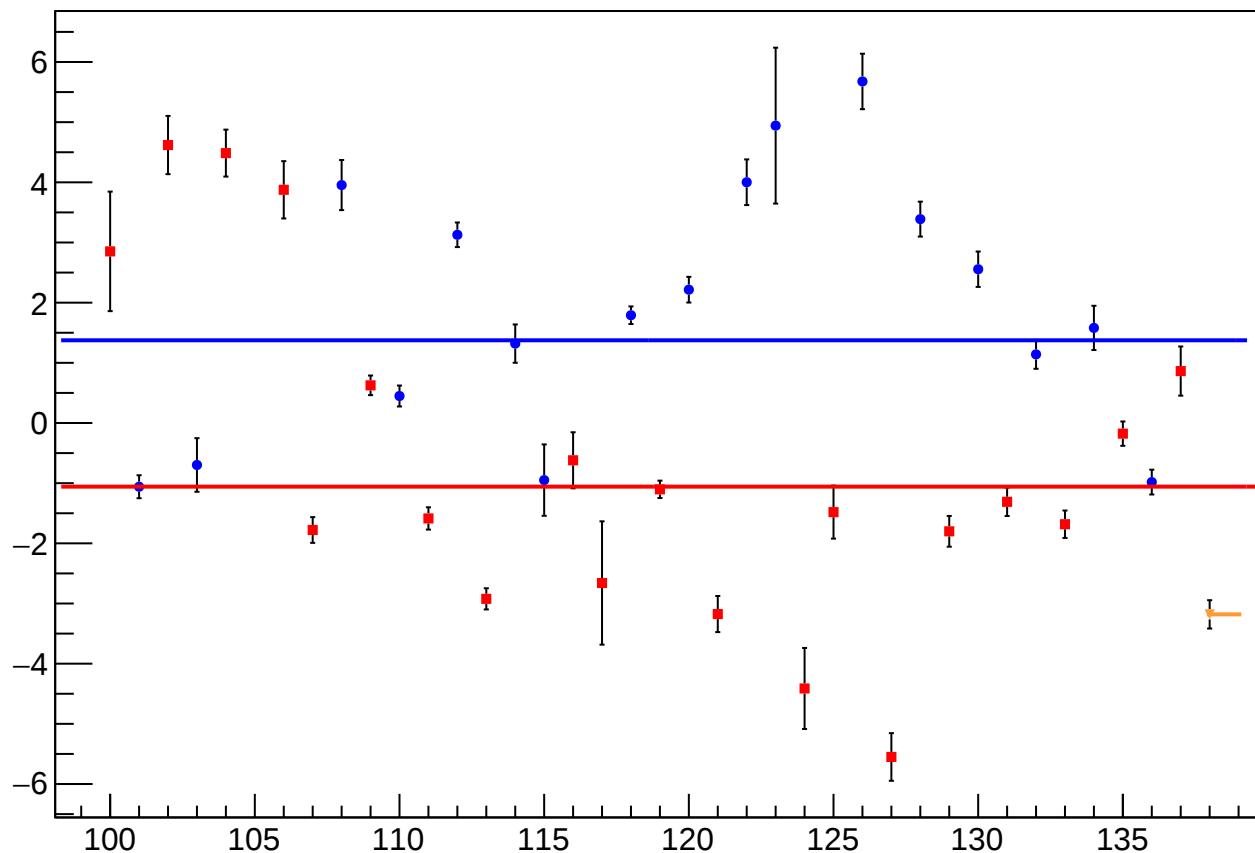
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-8.360 ± 0.205 χ^2/NDF : 0.0/0

-8.360 ± 0.205 χ^2/NDF : 0.0/0

0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.375 $\pm$ 0.062 χ^2 /NDF: 702.4/16

Left Out: -3.180 $\pm$ 0.236 χ^2 /NDF: 0.0/0

Right Out: -1.058 $\pm$ 0.058 χ^2 /NDF: 966.5/19

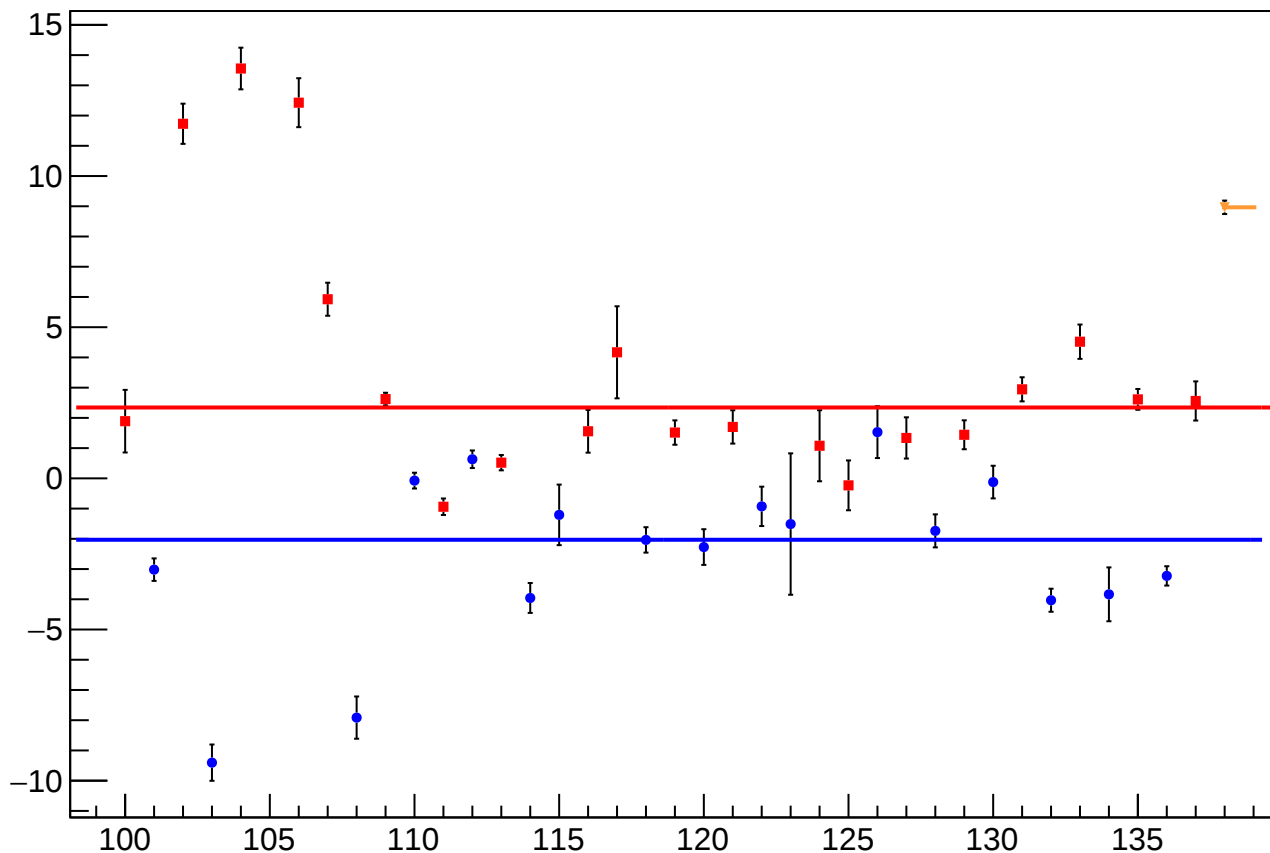
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.080 $\pm$ 0.060 χ^2 /NDF: 1052.2/17

-0.025 $\pm$ 0.042 χ^2 /NDF: 2677.0/37

-1.058 $\pm$ 0.058 χ^2 /NDF: 966.5/19

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.031 ± 0.111 χ^2/NDF : 463.2/16

Left Out: 8.966 ± 0.223 χ^2/NDF : 0.0/0

Right Out: 2.344 ± 0.099 χ^2/NDF : 903.4/19

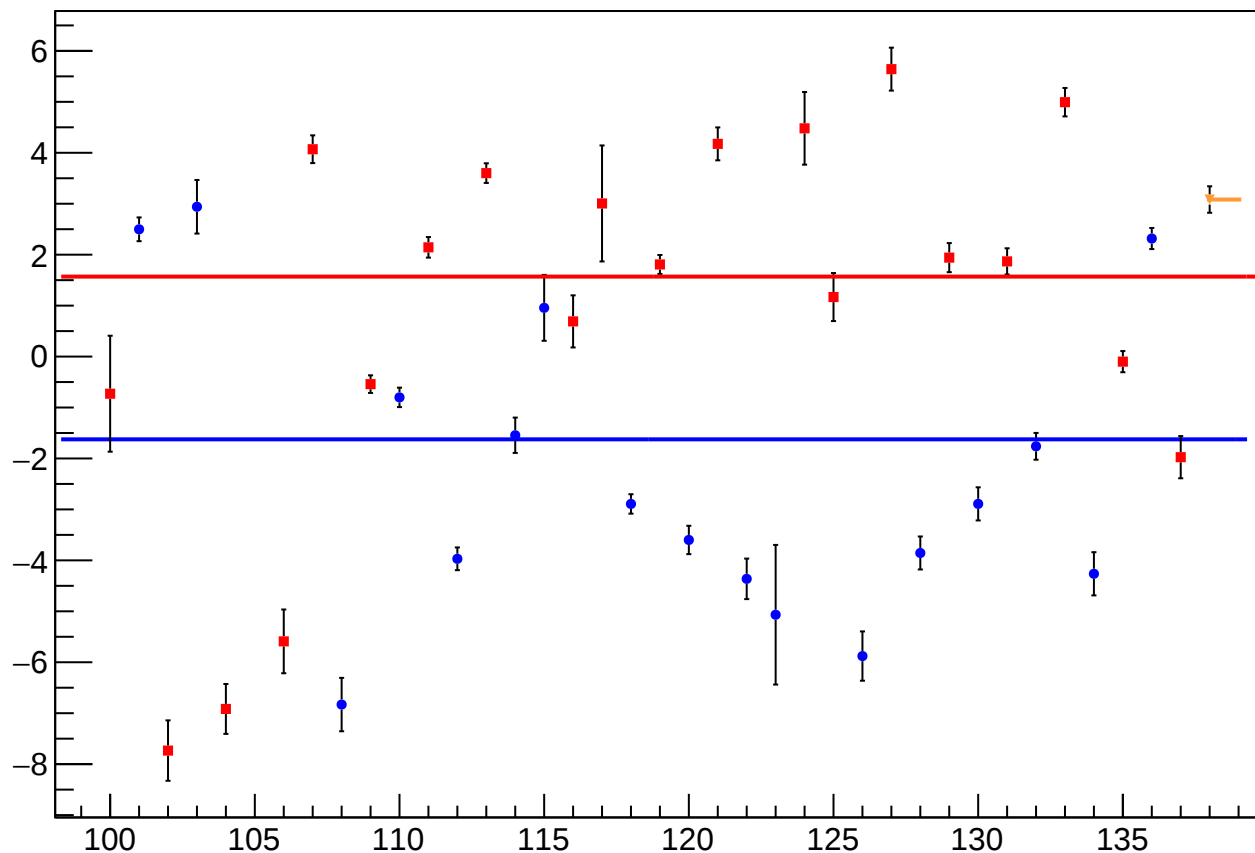
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.169 ± 0.100 χ^2/NDF : 2415.8/17

1.265 ± 0.070 χ^2/NDF : 3559.9/37

2.344 ± 0.099 χ^2/NDF : 903.4/19

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.625 ± 0.071 χ^2/NDF : 1320.8/16

Left Out: 3.083 ± 0.260 χ^2/NDF : 0.0/0

Right Out: 1.570 ± 0.065 χ^2/NDF : 1507.4/19

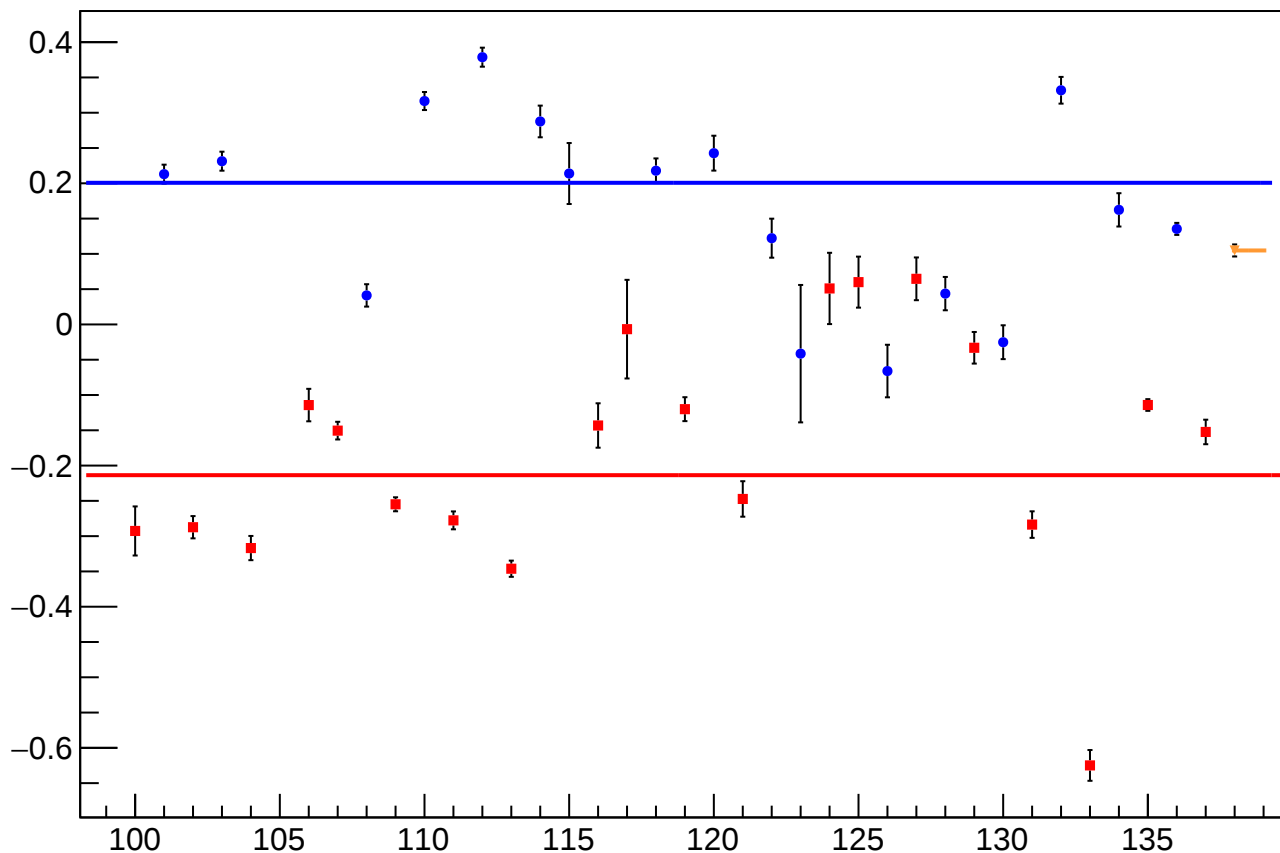
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.297 ± 0.069 χ^2/NDF : 1625.9/17

0.203 ± 0.047 χ^2/NDF : 4047.1/37

1.570 ± 0.065 χ^2/NDF : 1507.4/19

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 $\pm$ 0.004 χ^2 /NDF: 690.6/16

Left Out: 0.105 $\pm$ 0.009 χ^2 /NDF: 0.0/0

Right Out: -0.214 $\pm$ 0.004 χ^2 /NDF: 1089.2/19

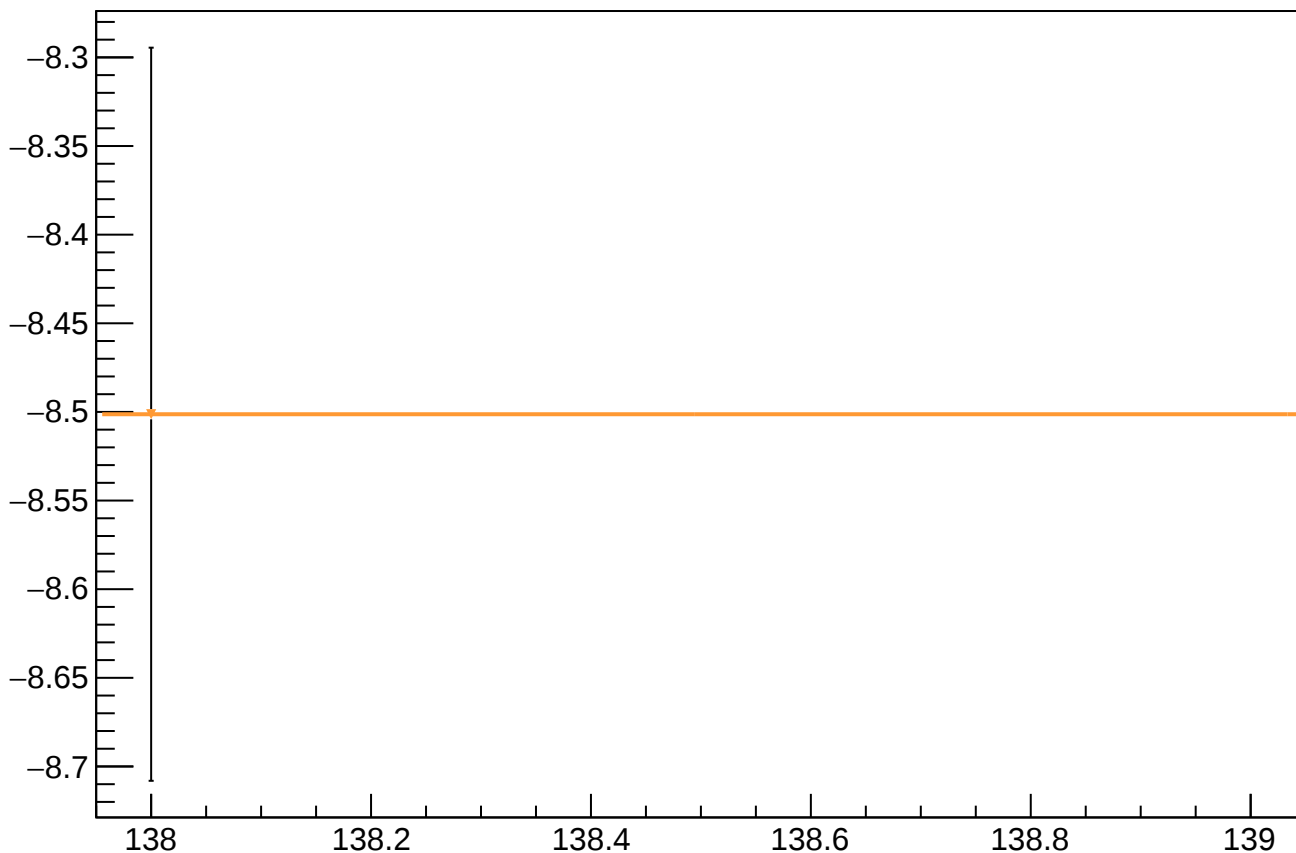
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.182 $\pm$ 0.004 χ^2 /NDF: 792.4/17

-0.018 $\pm$ 0.003 χ^2 /NDF: 7590.0/37

-0.214 $\pm$ 0.004 χ^2 /NDF: 1089.2/19

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -8.501+/-0.207 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

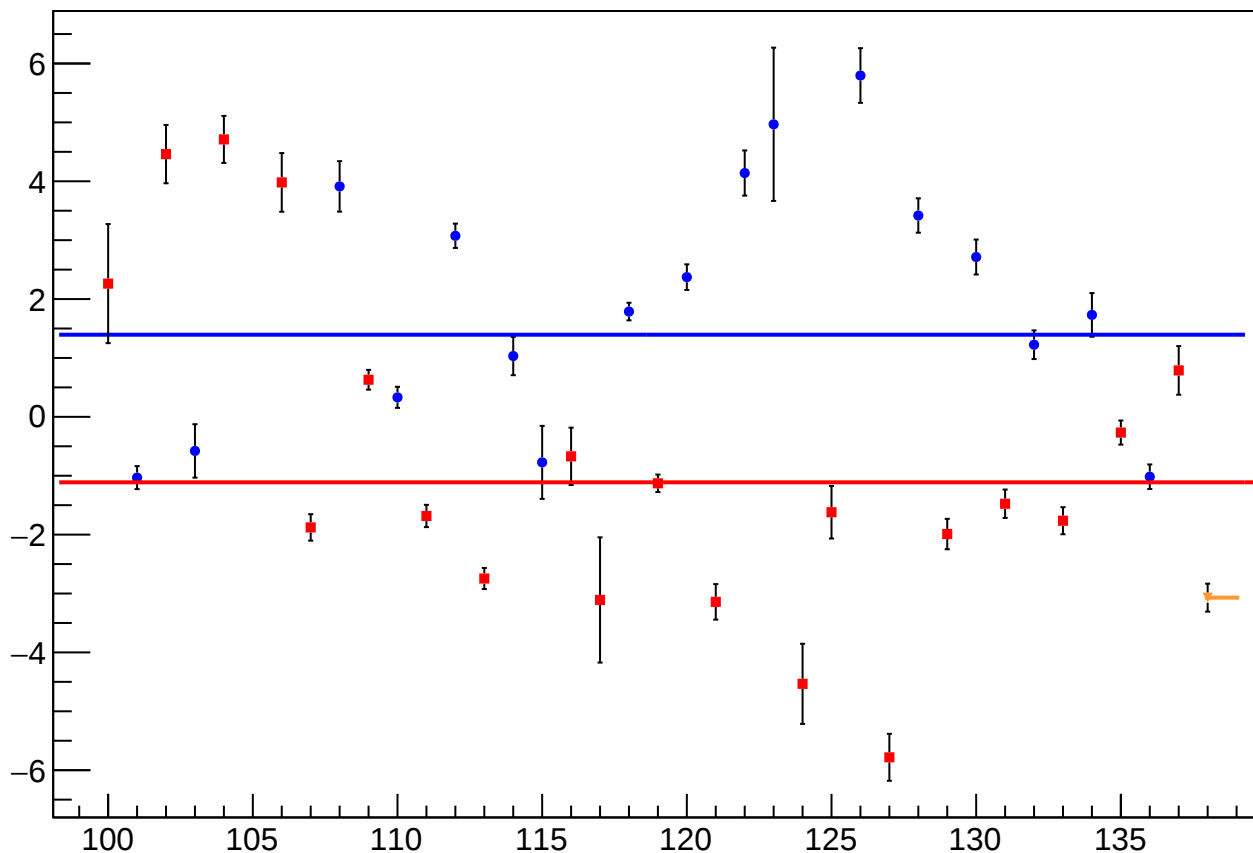
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-8.501+/-0.207 χ^2/NDF : 0.0/0

-8.501+/-0.207 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.395 $\pm$ 0.063 χ^2 /NDF: 701.4/16

Left Out: -3.070 $\pm$ 0.237 χ^2 /NDF: 0.0/0

Right Out: -1.112 $\pm$ 0.059 χ^2 /NDF: 940.5/19

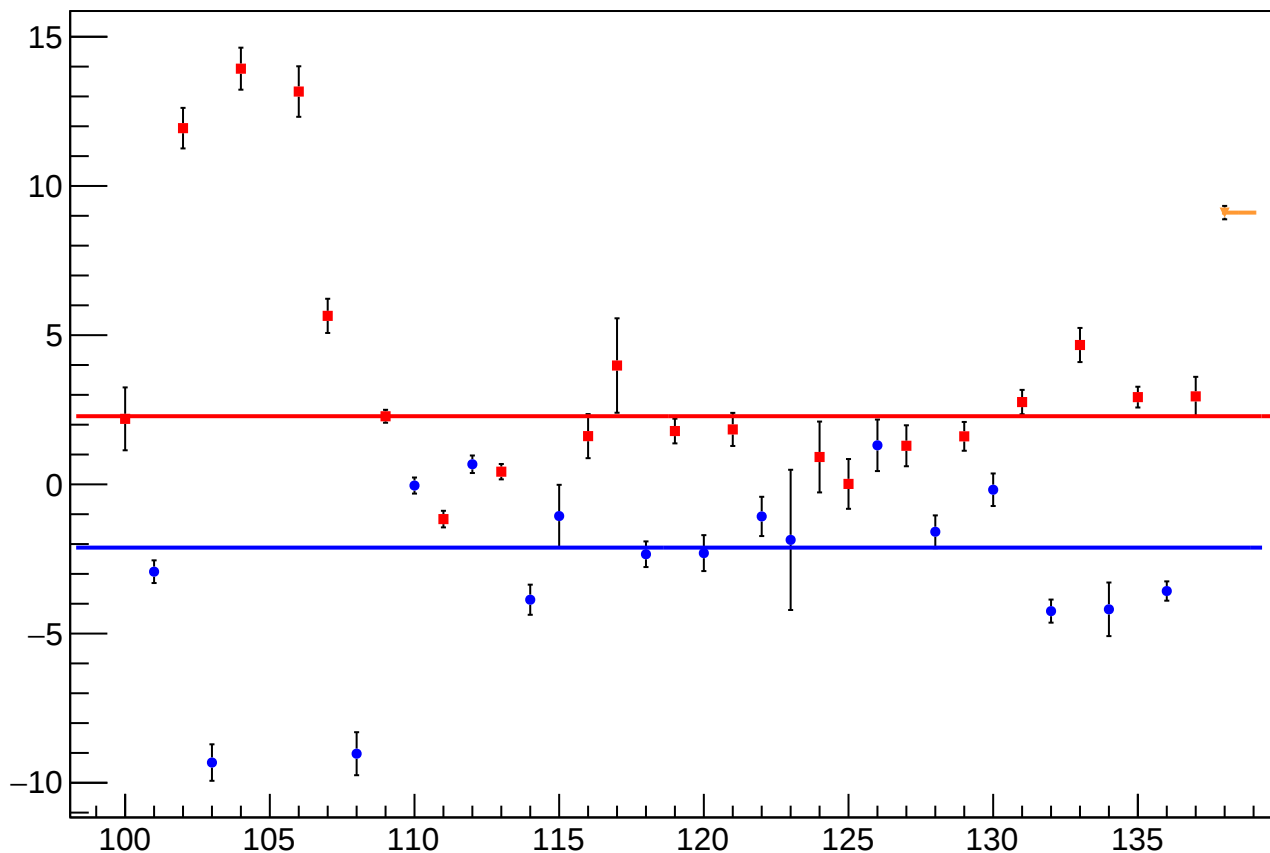
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.101 $\pm$ 0.061 χ^2 /NDF: 1031.7/17

-0.039 $\pm$ 0.042 χ^2 /NDF: 2651.1/37

-1.112 $\pm$ 0.059 χ^2 /NDF: 940.5/19

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.119 ± 0.113 $\chi^2/\text{NDF}: 486.3/16$

Left Out: 9.107 ± 0.225 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 2.284 ± 0.101 $\chi^2/\text{NDF}: 920.6/19$

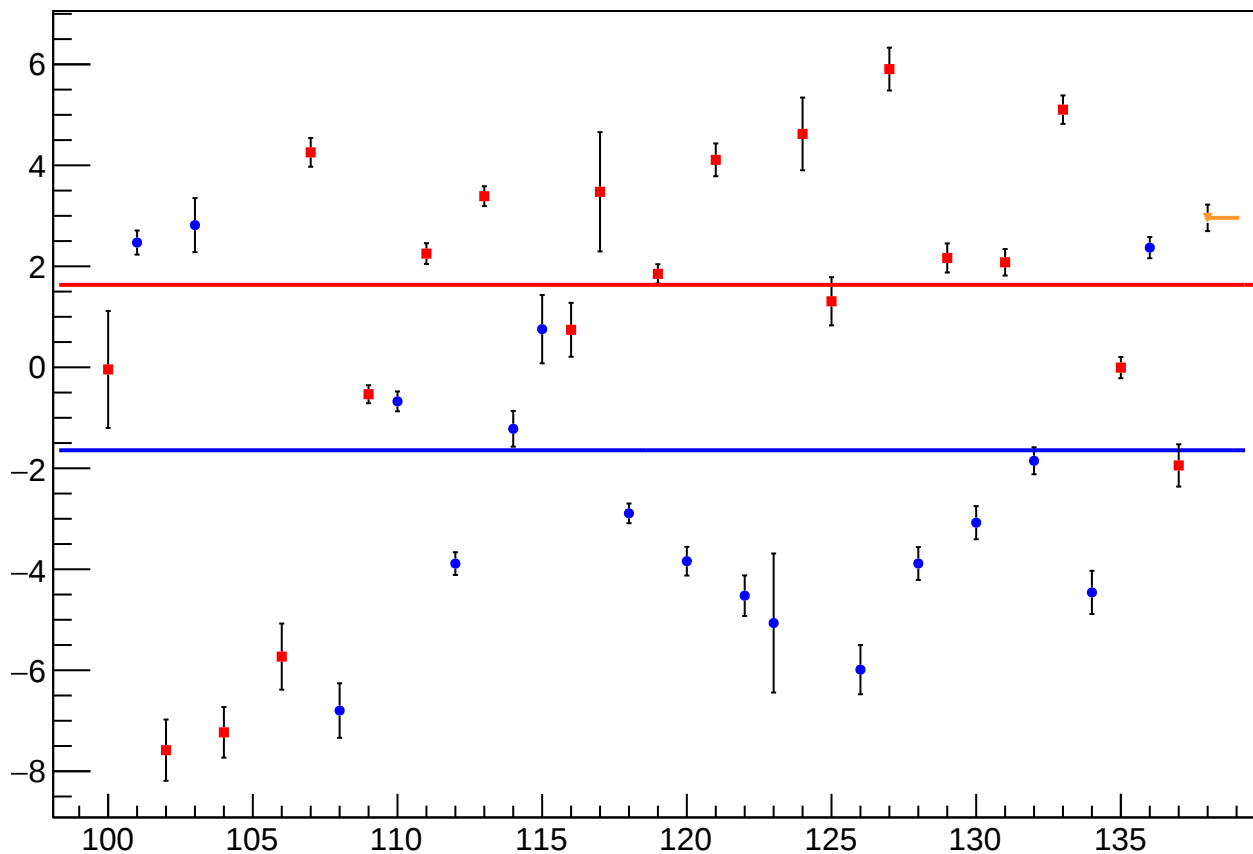
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

0.159 ± 0.101 $\chi^2/\text{NDF}: 2478.6/17$

1.225 ± 0.071 $\chi^2/\text{NDF}: 3620.6/37$

2.284 ± 0.101 $\chi^2/\text{NDF}: 920.6/19$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.643+/-0.072 χ^2 /NDF: 1310.1/16

Left Out: 2.960+/-0.262 χ^2 /NDF:0.0/0

Right Out: 1.633+/-0.067 χ^2 /NDF: 1470.6/19

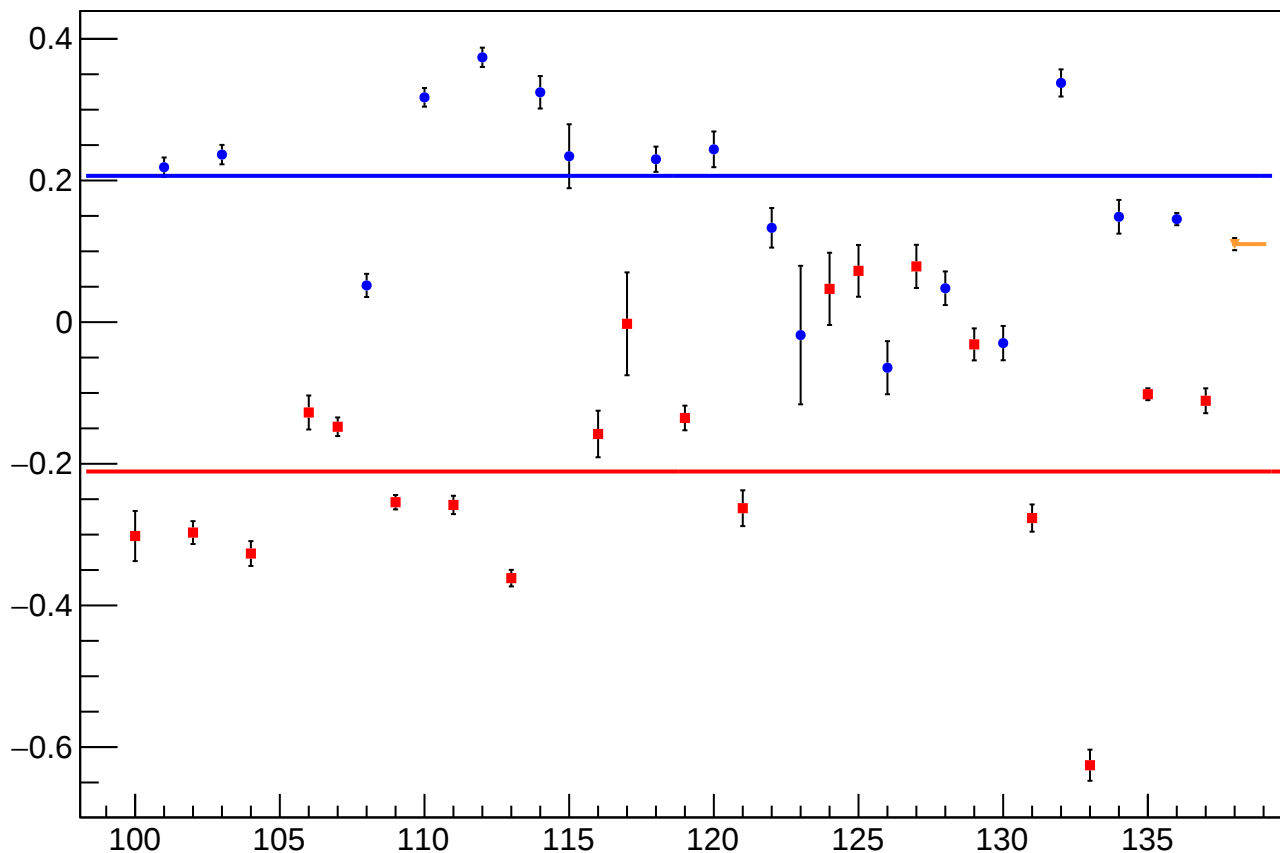
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.317+/-0.070 χ^2 /NDF: 1596.7/17

0.221+/-0.048 χ^2 /NDF: 4000.0/37

1.633+/-0.067 χ^2 /NDF: 1470.6/19

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.207 $\pm$ 0.004 χ^2/NDF : 655.0/16

Left Out: 0.110 $\pm$ 0.009 χ^2/NDF : 0.0/0

Right Out: -0.211 $\pm$ 0.004 χ^2/NDF : 1153.8/19

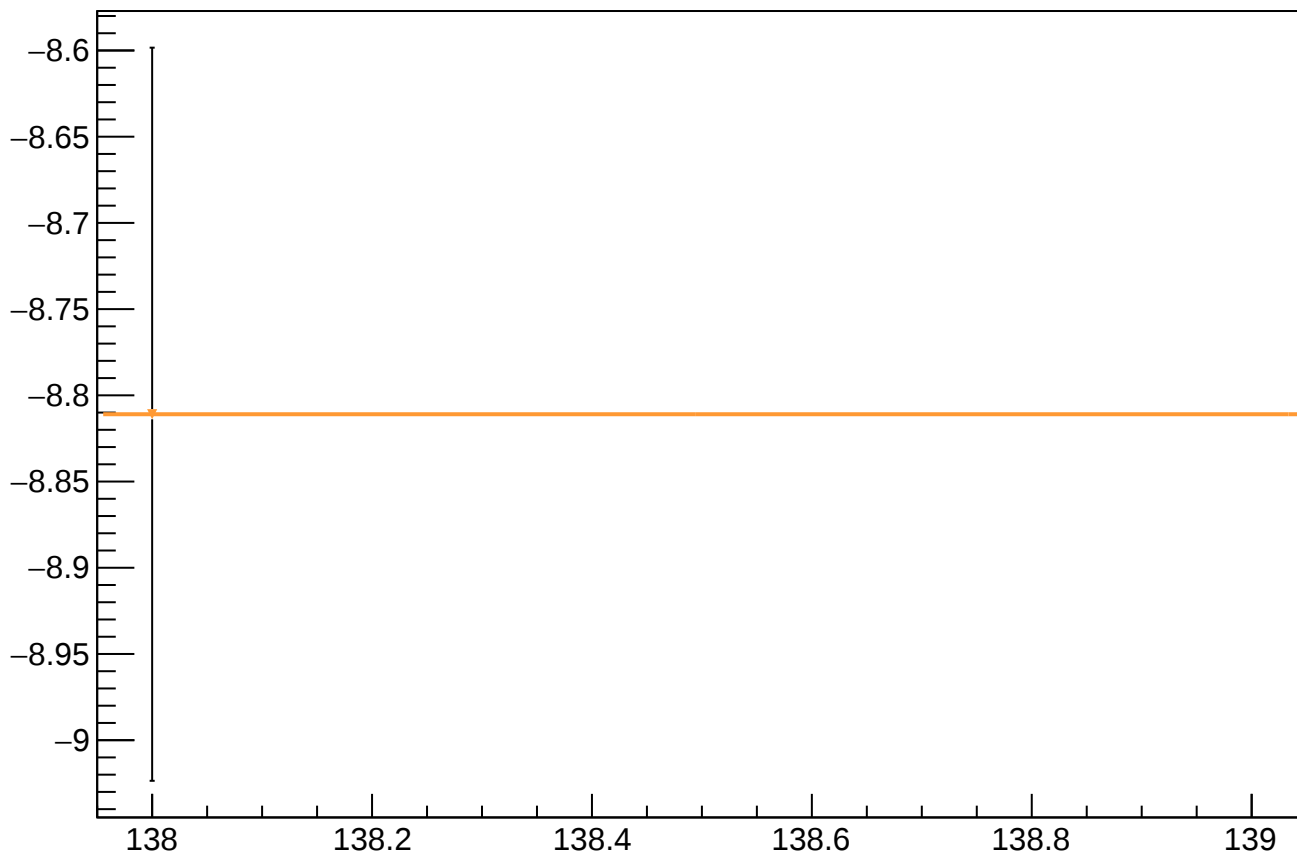
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.188 $\pm$ 0.004 χ^2/NDF : 755.8/17

-0.013 $\pm$ 0.003 χ^2/NDF : 7492.6/37

-0.211 $\pm$ 0.004 χ^2/NDF : 1153.8/19

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -8.811+/-0.213 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

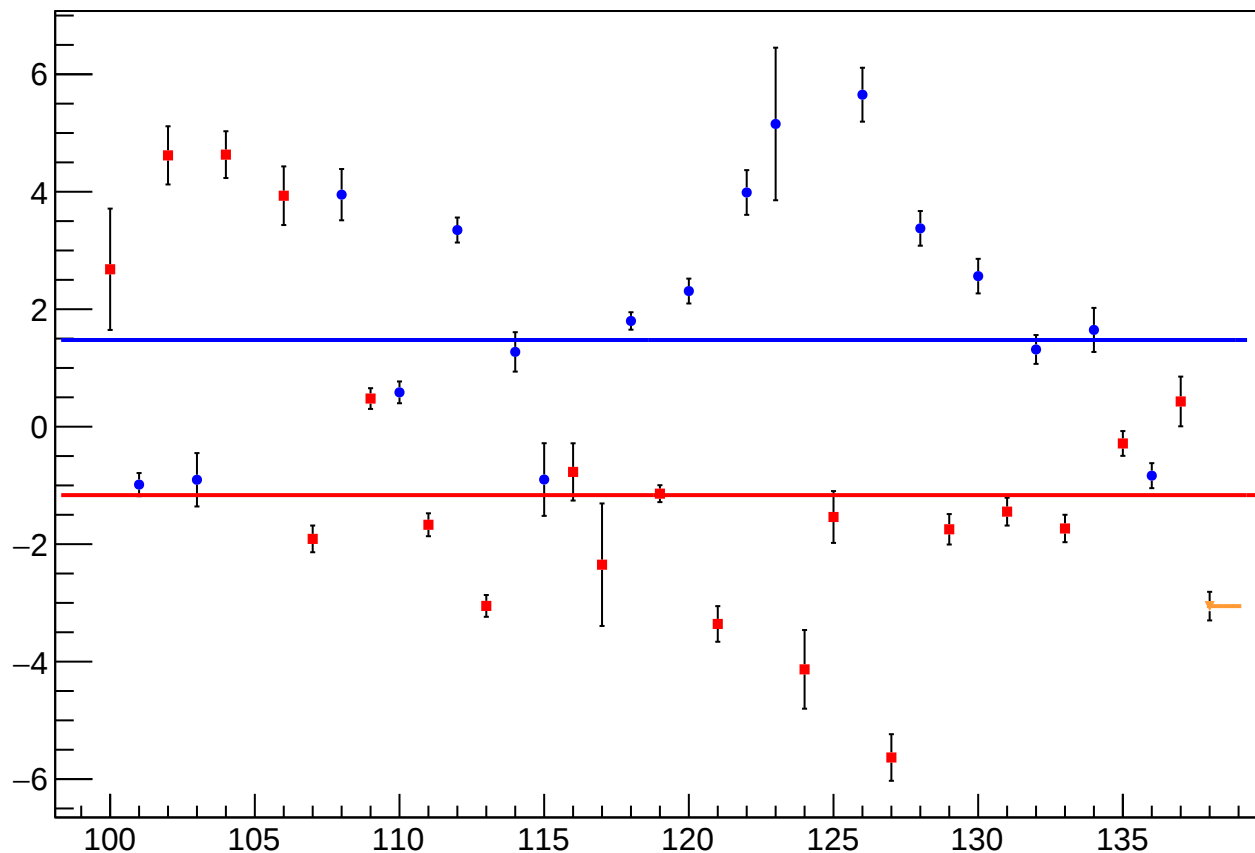
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-8.811+/-0.213 χ^2/NDF : 0.0/0

-8.811+/-0.213 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.476 $\pm$ 0.064 χ^2 /NDF: 659.7/16

Left Out: -3.055 $\pm$ 0.244 χ^2 /NDF: 0.0/0

Right Out: -1.165 $\pm$ 0.060 χ^2 /NDF: 919.2/19

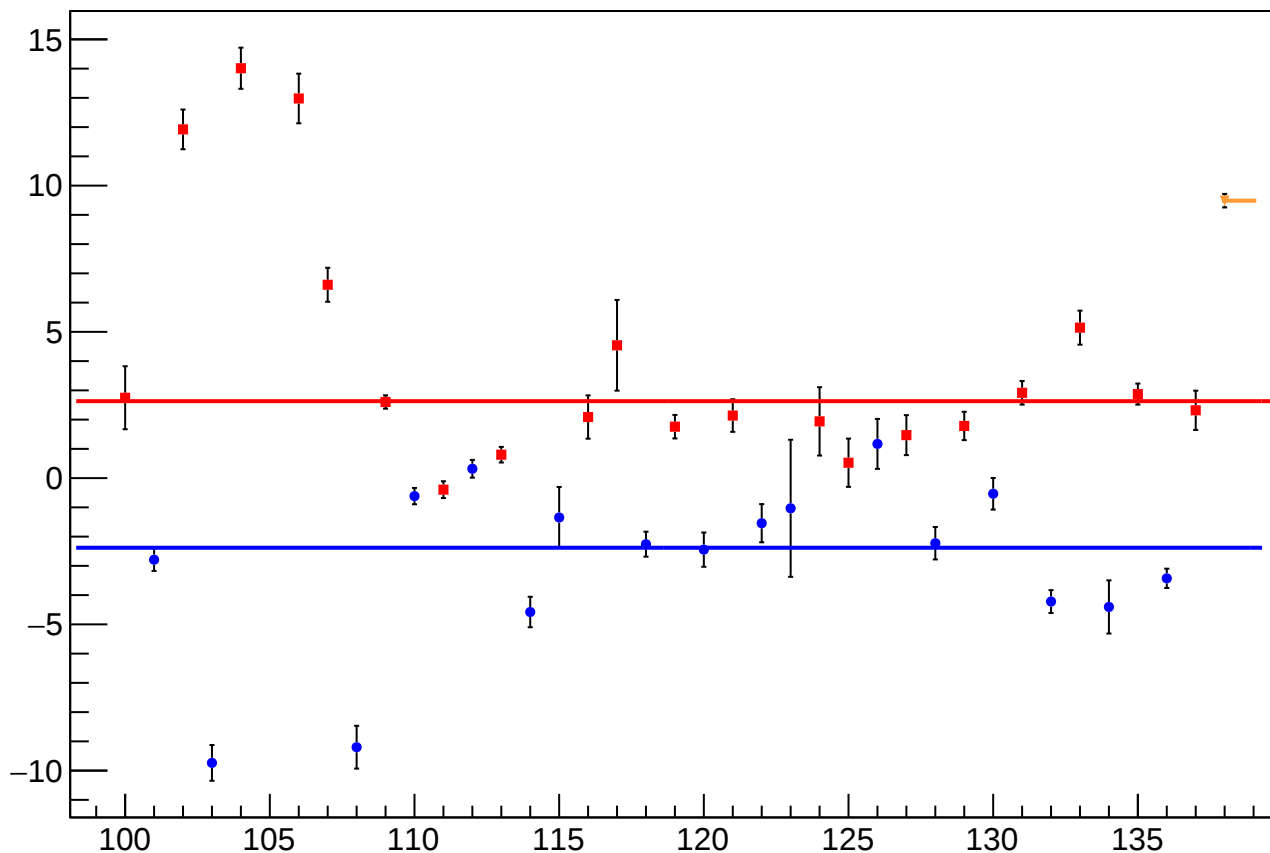
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.187 $\pm$ 0.062 χ^2 /NDF: 983.7/17

-0.022 $\pm$ 0.043 χ^2 /NDF: 2653.4/37

-1.165 $\pm$ 0.060 χ^2 /NDF: 919.2/19

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.380 ± 0.115 χ^2/NDF : 438.8/16

Left Out: 9.485 ± 0.231 χ^2/NDF : 0.0/0

Right Out: 2.631 ± 0.103 χ^2/NDF : 842.8/19

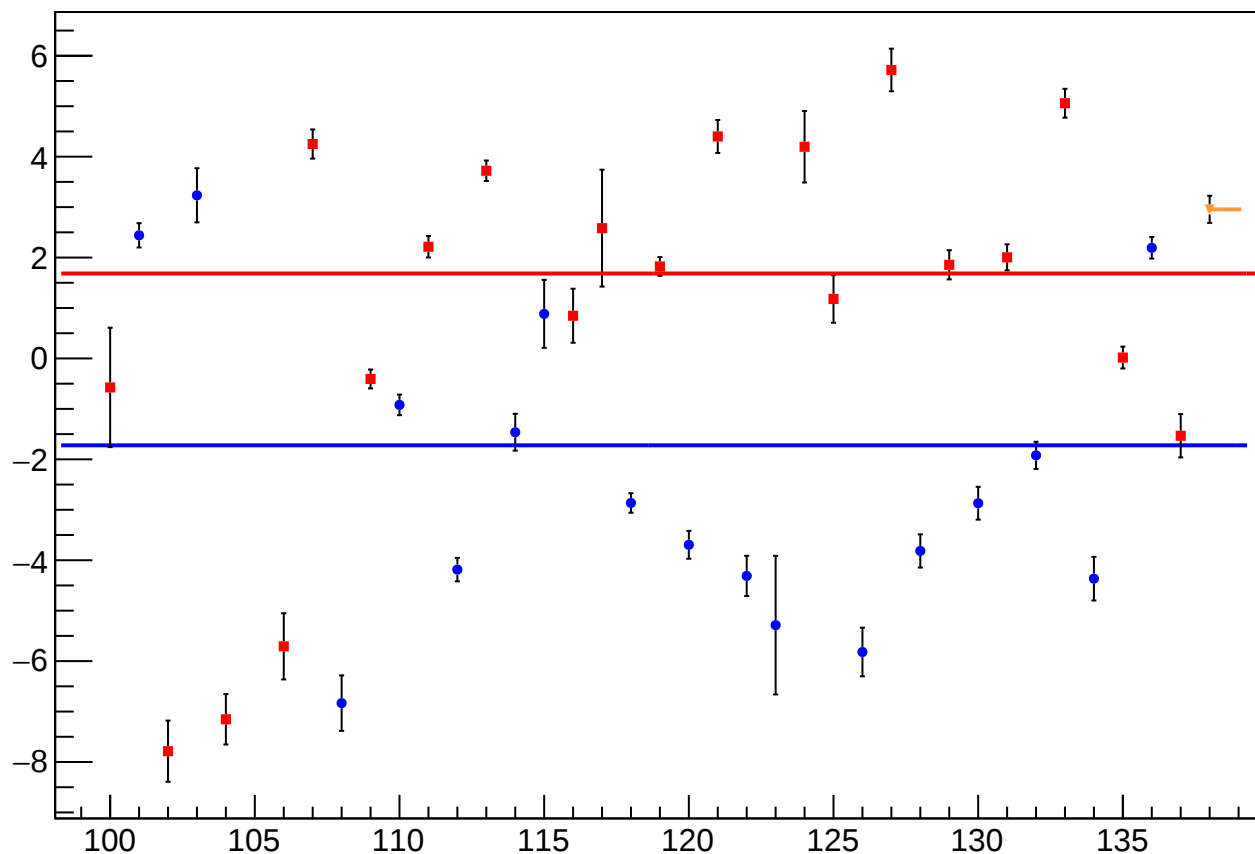
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.020 ± 0.103 χ^2/NDF : 2555.1/17

1.305 ± 0.073 χ^2/NDF : 3729.2/37

2.631 ± 0.103 χ^2/NDF : 842.8/19

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.722 ± 0.073 χ^2/NDF : 1247.6/16

Left Out: 2.956 ± 0.269 χ^2/NDF : 0.0/0

Right Out: 1.684 ± 0.068 χ^2/NDF : 1431.6/19

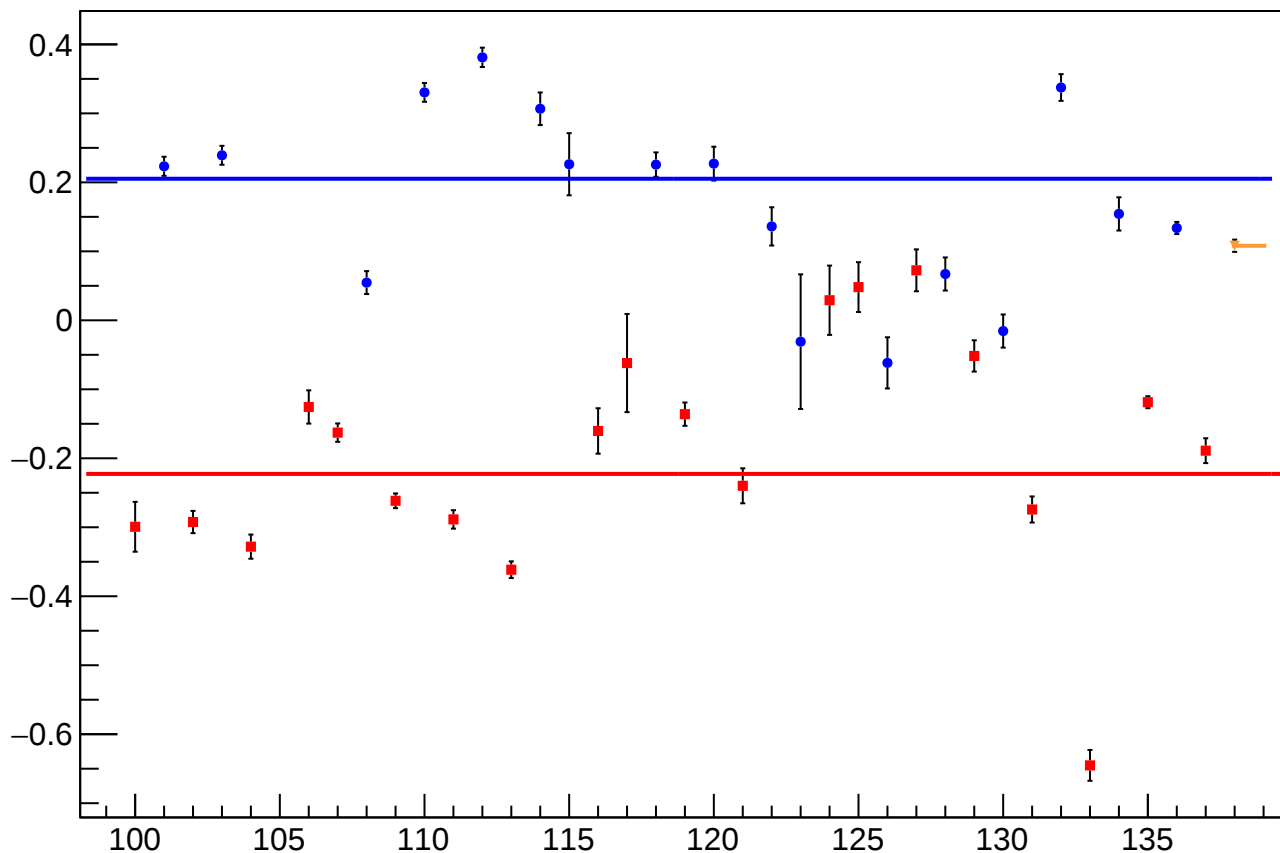
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.400 ± 0.071 χ^2/NDF : 1529.3/17

0.203 ± 0.049 χ^2/NDF : 3953.9/37

1.684 ± 0.068 χ^2/NDF : 1431.6/19

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2 /NDF: 650.7/16

Left Out: 0.108 $\pm$ 0.009 χ^2 /NDF:0.0/0

Right Out: -0.223 $\pm$ 0.004 χ^2 /NDF: 1045.6/19

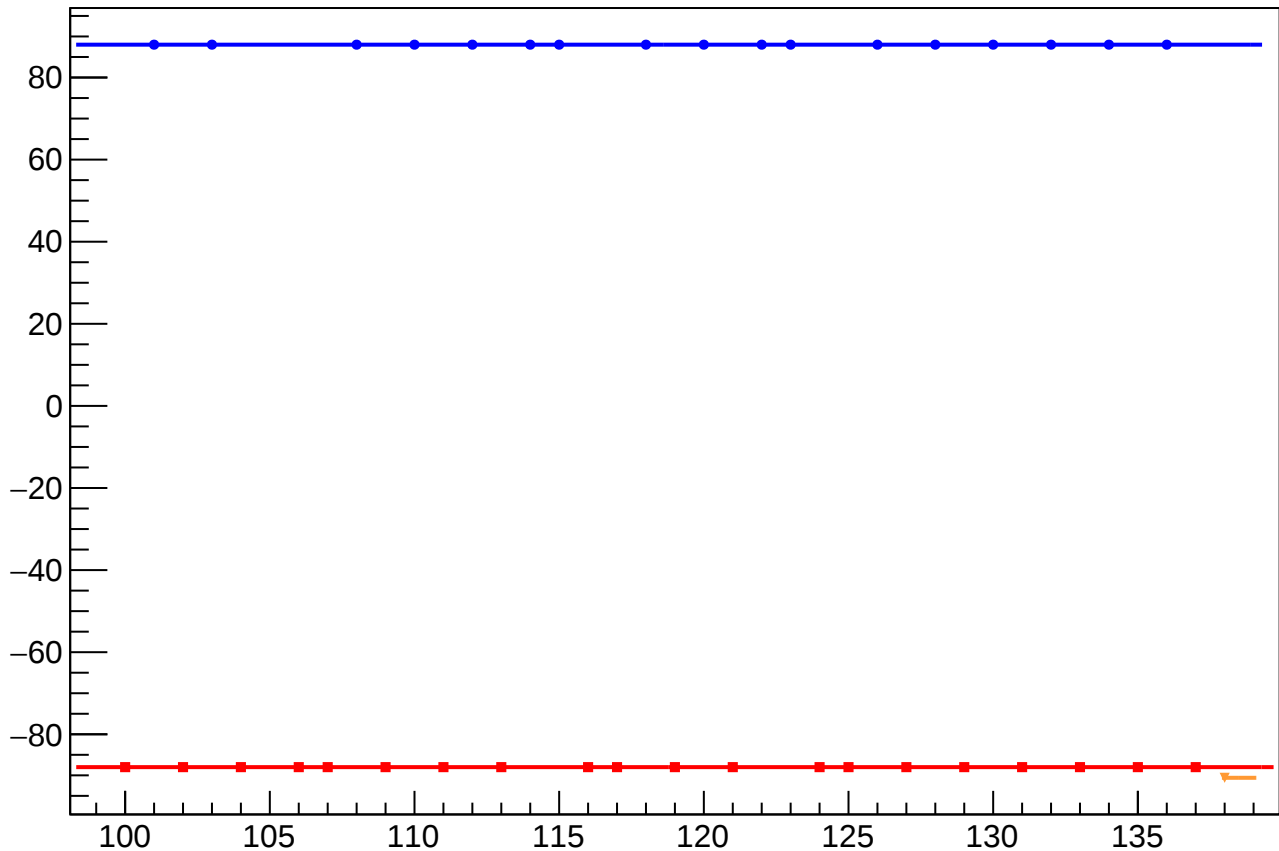
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.187 $\pm$ 0.004 χ^2 /NDF: 747.8/17

-0.019 $\pm$ 0.003 χ^2 /NDF: 7469.5/37

-0.223 $\pm$ 0.004 χ^2 /NDF: 1045.6/19

VWienAngle_mean vs Slug, Sign Corrected



Right In: 88.001 $\pm$ 0.000 χ^2 /NDF: 809207.2/16

Left Out: -90.599 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -88.001 $\pm$ 0.000 χ^2 /NDF: 224768.6/19

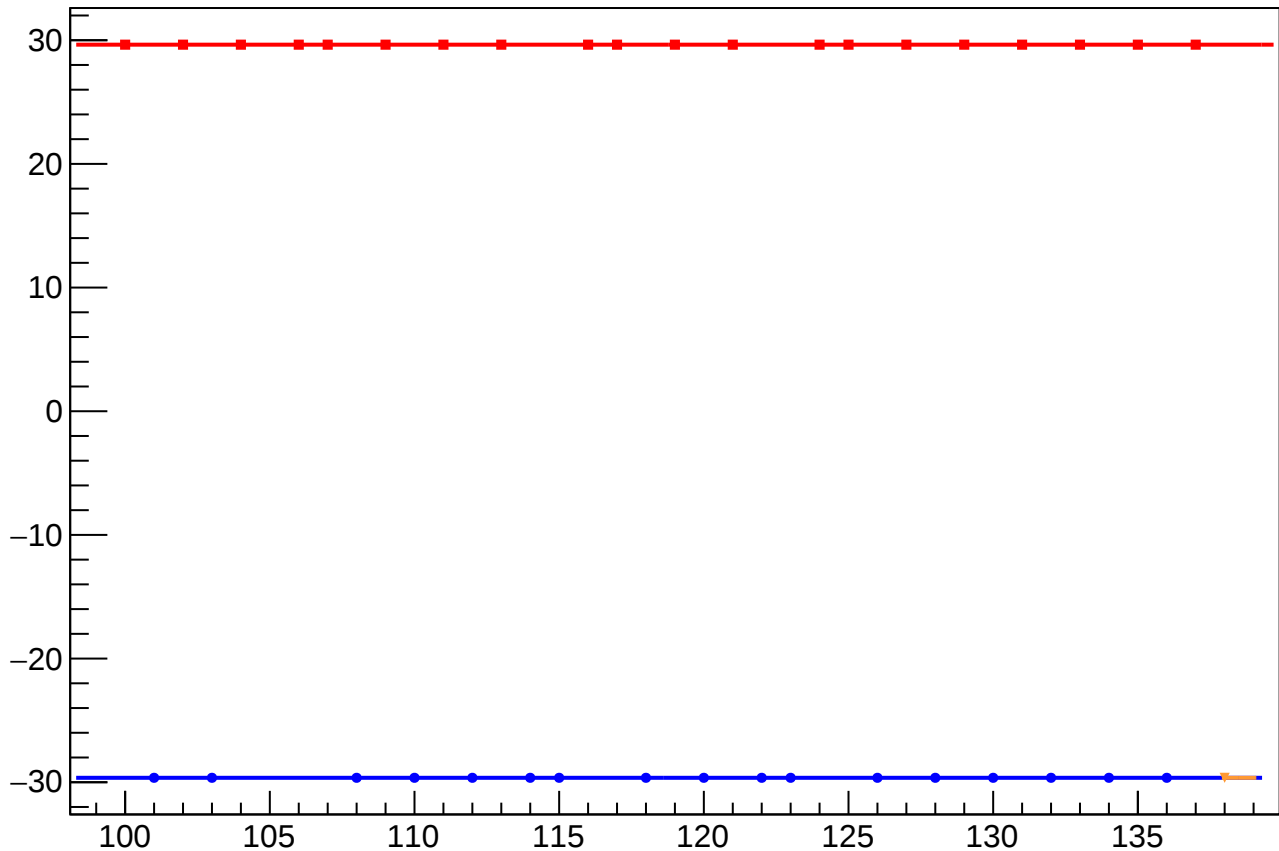
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

69.932 $\pm$ 0.000 χ^2 /NDF: 22363324641245125

-7.839 $\pm$ 0.000 χ^2 /NDF: 1170619233967

-88.001 $\pm$ 0.000 χ^2 /NDF: 224768.6/19

HWienAngle_mean vs Slug, Sign Corrected



Right In: -29.641+/-0.000 χ^2/NDF : 590181.6/16

Left Out: -29.641+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.641+/-0.000 χ^2/NDF : 138258.9/19

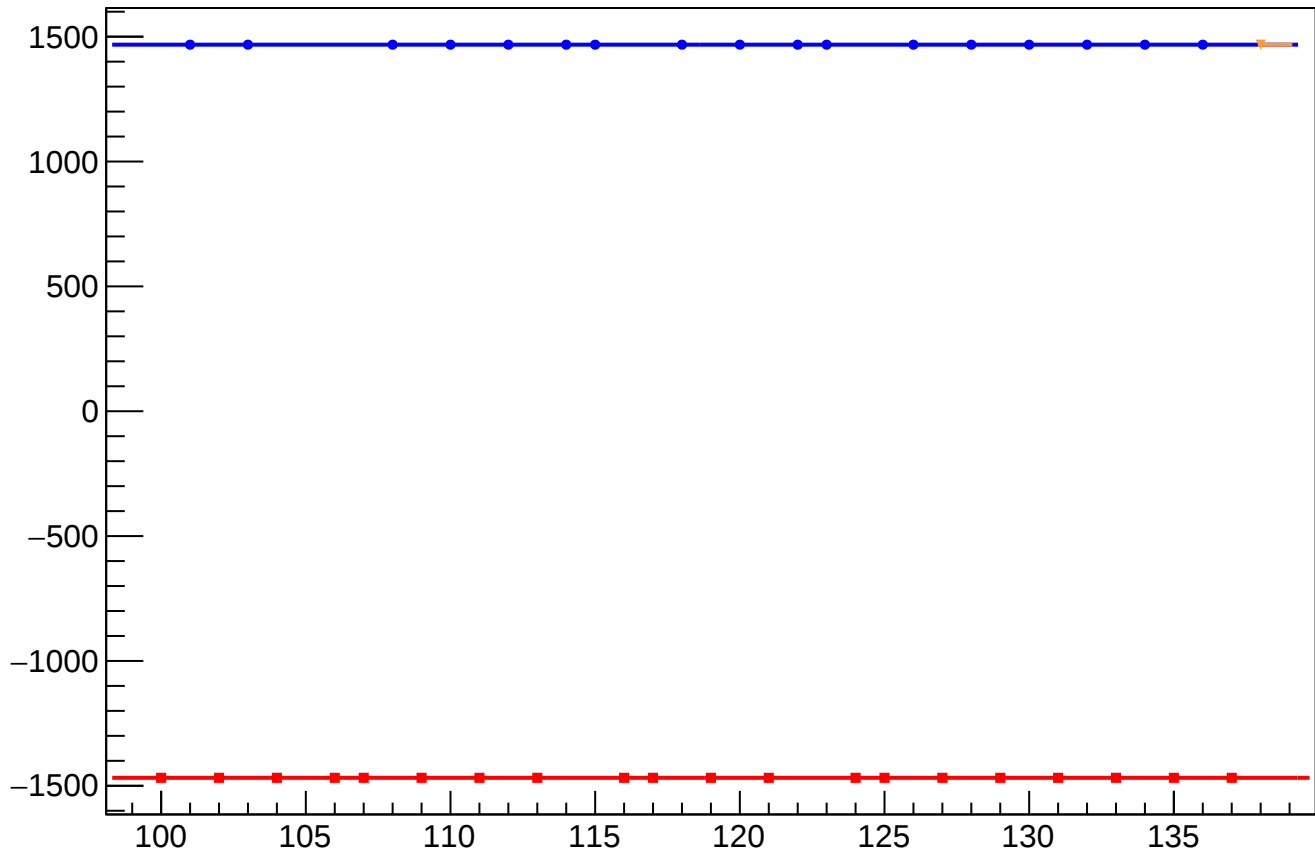
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-29.641+/-0.000 χ^2/NDF : 916593.3/17

-0.449+/-0.000 χ^2/NDF : 1334243809749

29.641+/-0.000 χ^2/NDF : 138258.9/19

psub_pl_pos_mean vs Slug, Sign Corrected



Right In: 1467.979+/-0.000 χ^2/NDF : 709203977.7/16

Left Out: 1467.979+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1467.979+/-0.000 χ^2/NDF : 189579456.6/19

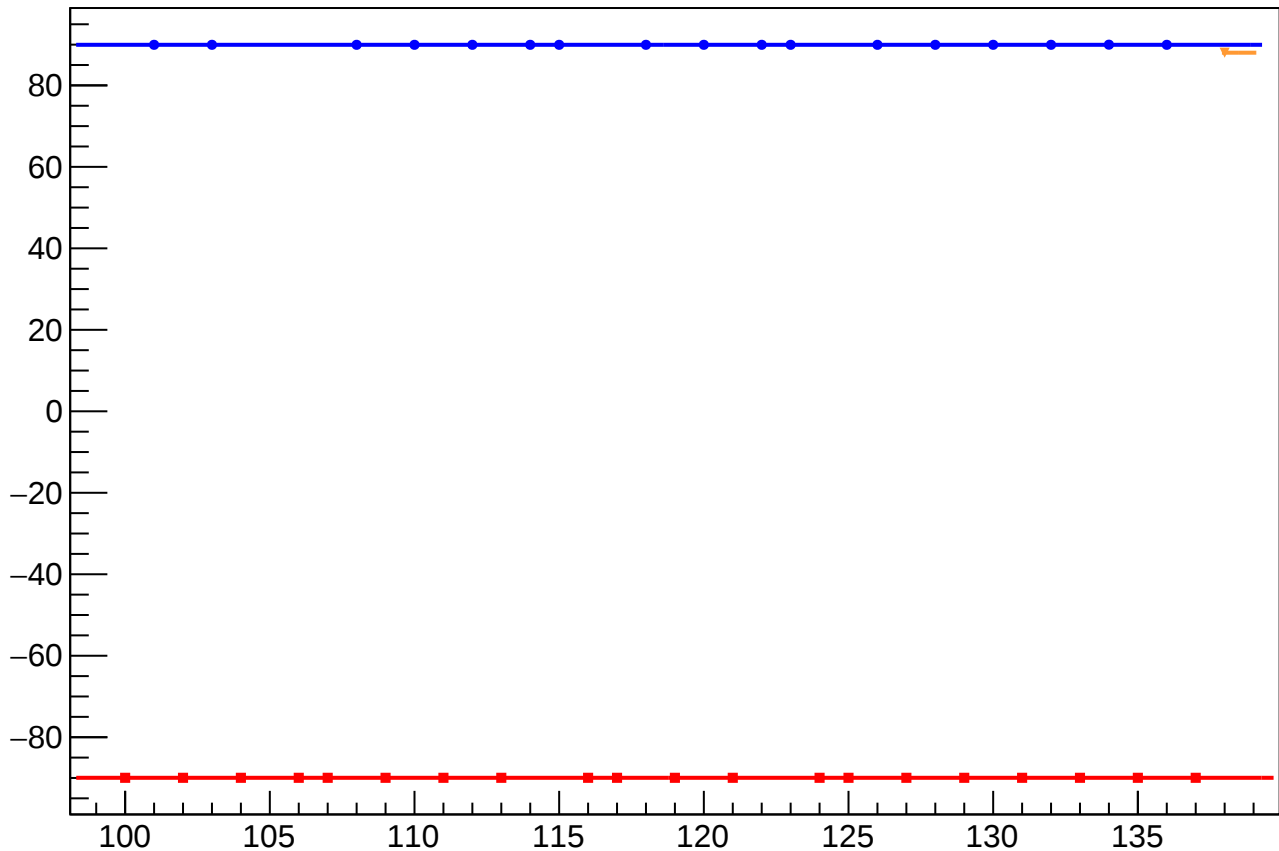
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1467.979+/-0.000 χ^2/NDF : 932697839.4/17

22.227+/-0.000 χ^2/NDF : 3272638647541

-1467.979+/-0.000 χ^2/NDF : 189579456.6/19

Phi_FG_mean vs Slug, Sign Corrected



Right In: 89.960+/-0.000 χ^2/NDF : 22241994025452511954976374784.0/16

Left Out: 88.021+/-0.000 χ^2/NDF : 0.0/0

Right Out: -89.959+/-0.000 χ^2/NDF : 965111.4/19

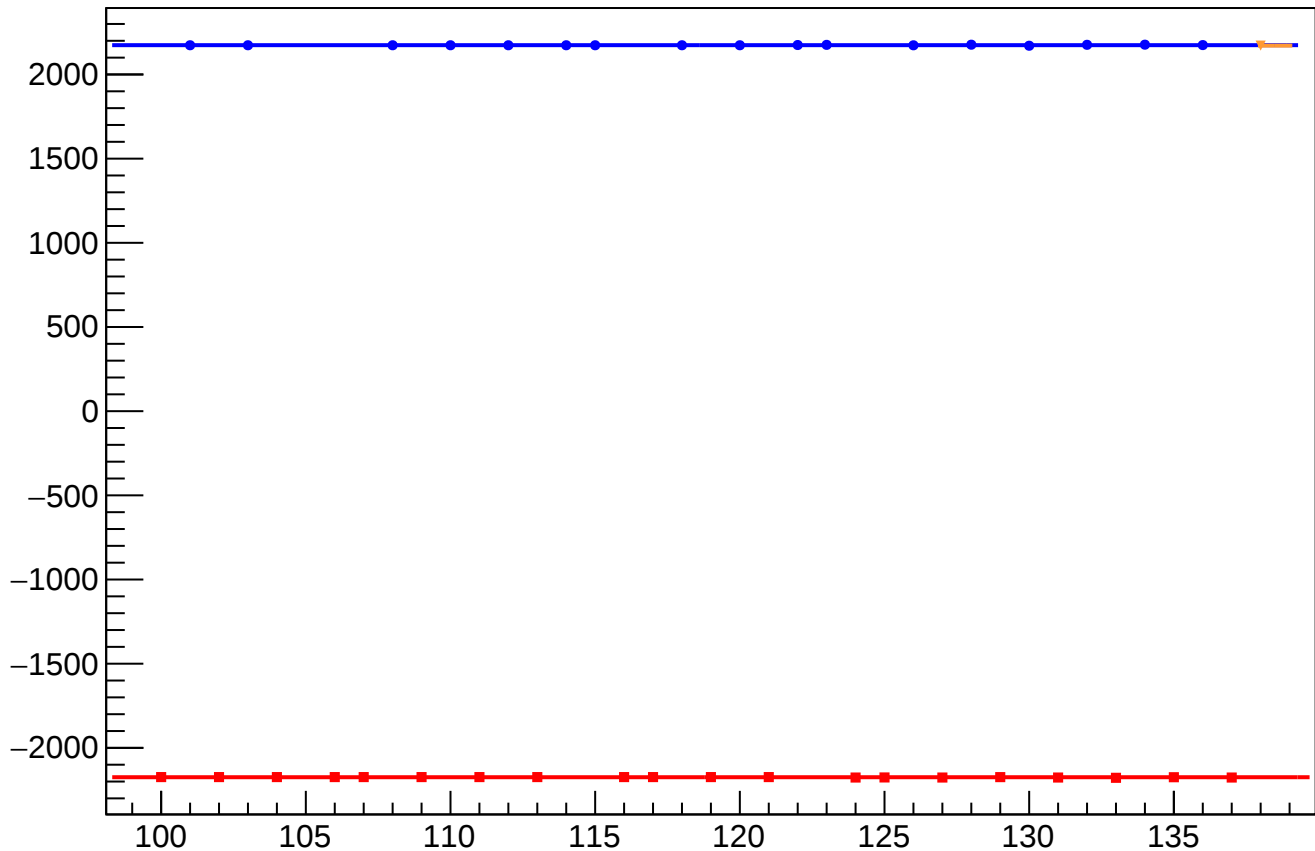
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

89.764+/-0.000 χ^2/NDF : 263774190730441203

1.263+/-0.000 χ^2/NDF : 12263562759255

-89.959+/-0.000 χ^2/NDF : 965111.4/19

HALLA_p_mean vs Slug, Sign Corrected



Right In: 2174.056+/-0.000 χ^2/NDF : 1540627337710283644302236183429120.0/16

Left Out: 2171.413+/-0.000 χ^2/NDF : 16130021.9/0

Right Out: -2174.358+/-0.000 χ^2/NDF : 1264231113010335742320671948013568.0/19

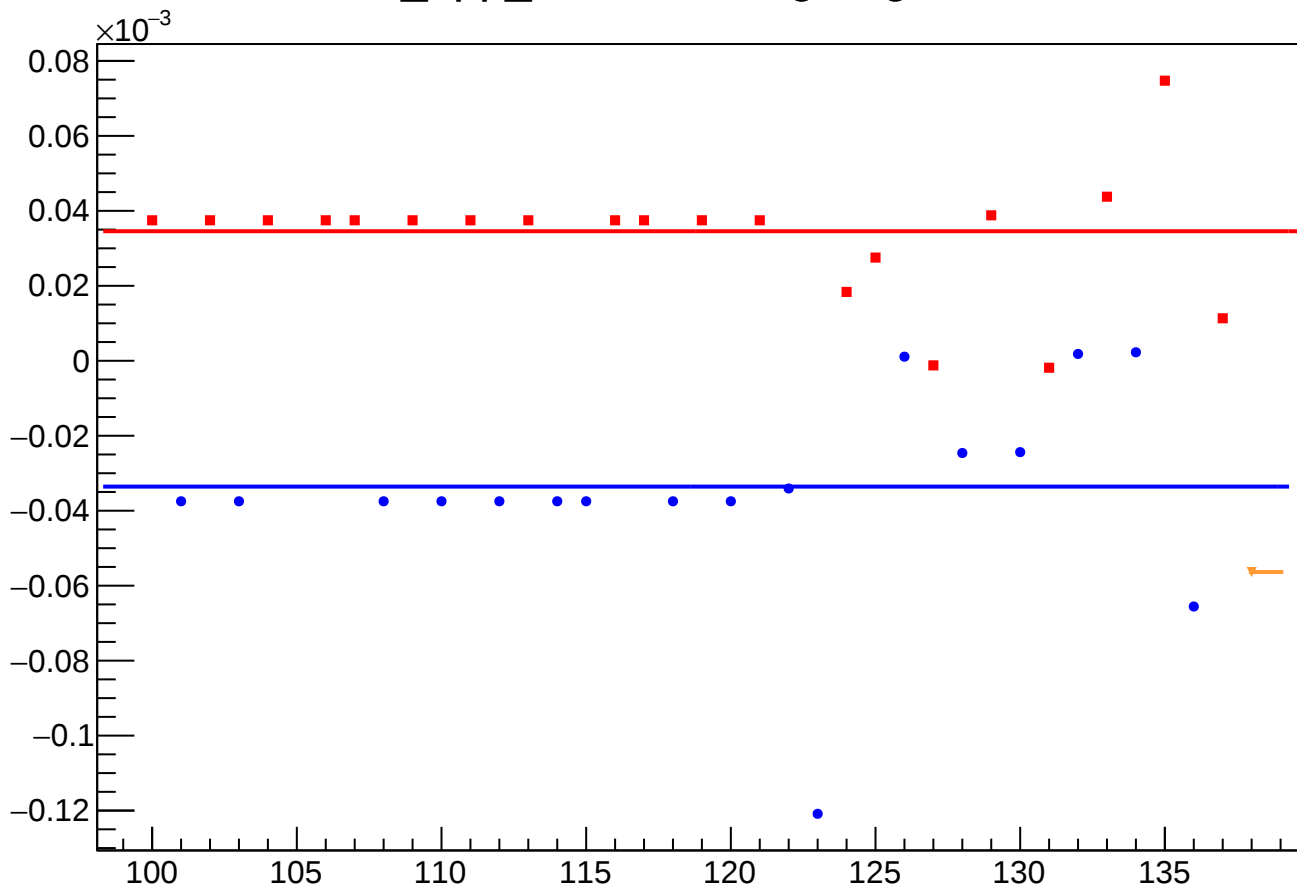
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2173.788+/-0.000 χ^2/NDF : 2030135158933445

32.634+/-0.000 χ^2/NDF : 7178053577536

-2174.358+/-0.000 χ^2/NDF : 126423111301033

HALLA_dpp_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 261082170040518671597568.0/16

Left Out: -0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 205320369613969110859776.0/19

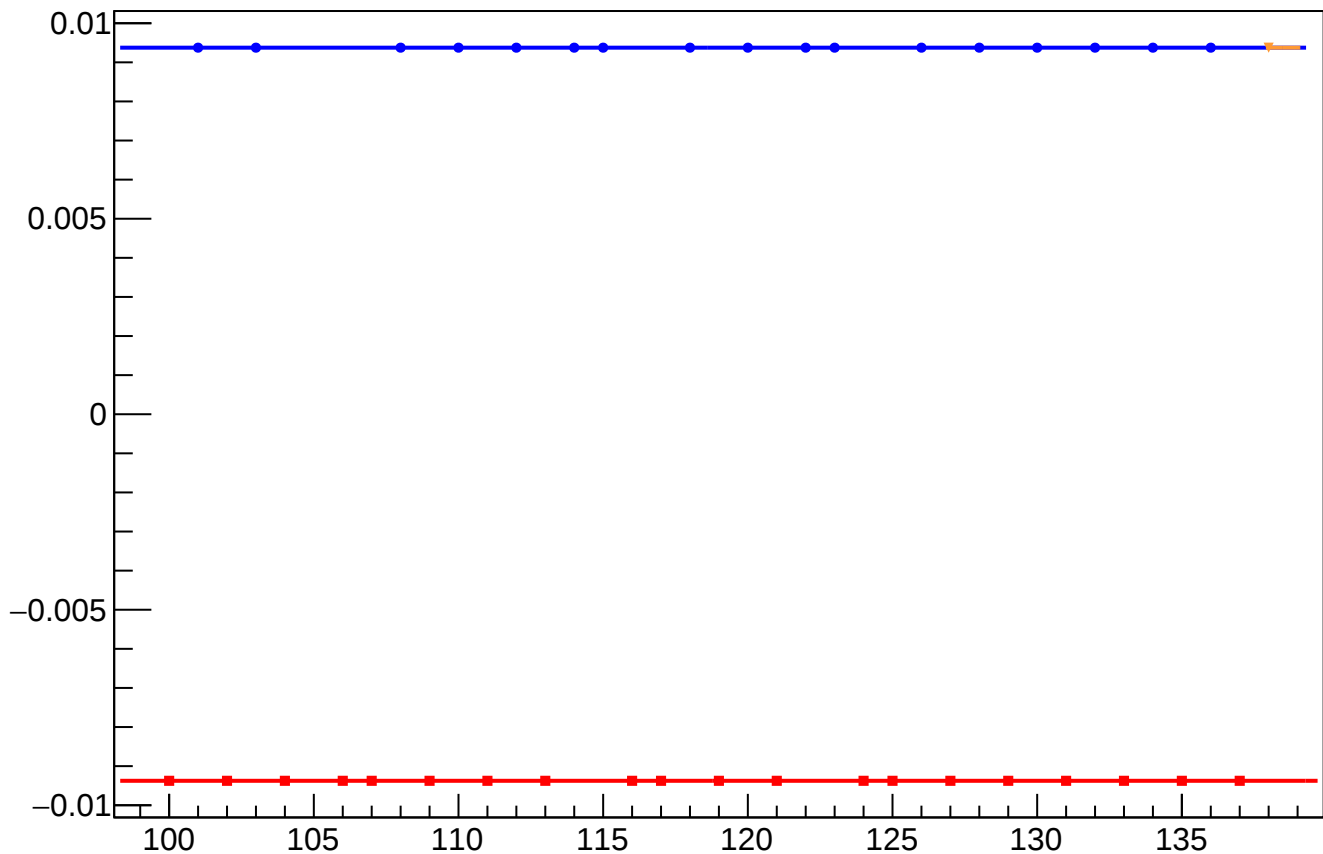
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.000+/-0.000 χ^2/NDF : 297517139683144070

-0.000+/-0.000 χ^2/NDF : 2386320538655

0.000+/-0.000 χ^2/NDF : 2053203696139691108

MQ171LM_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/16

Left Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/19

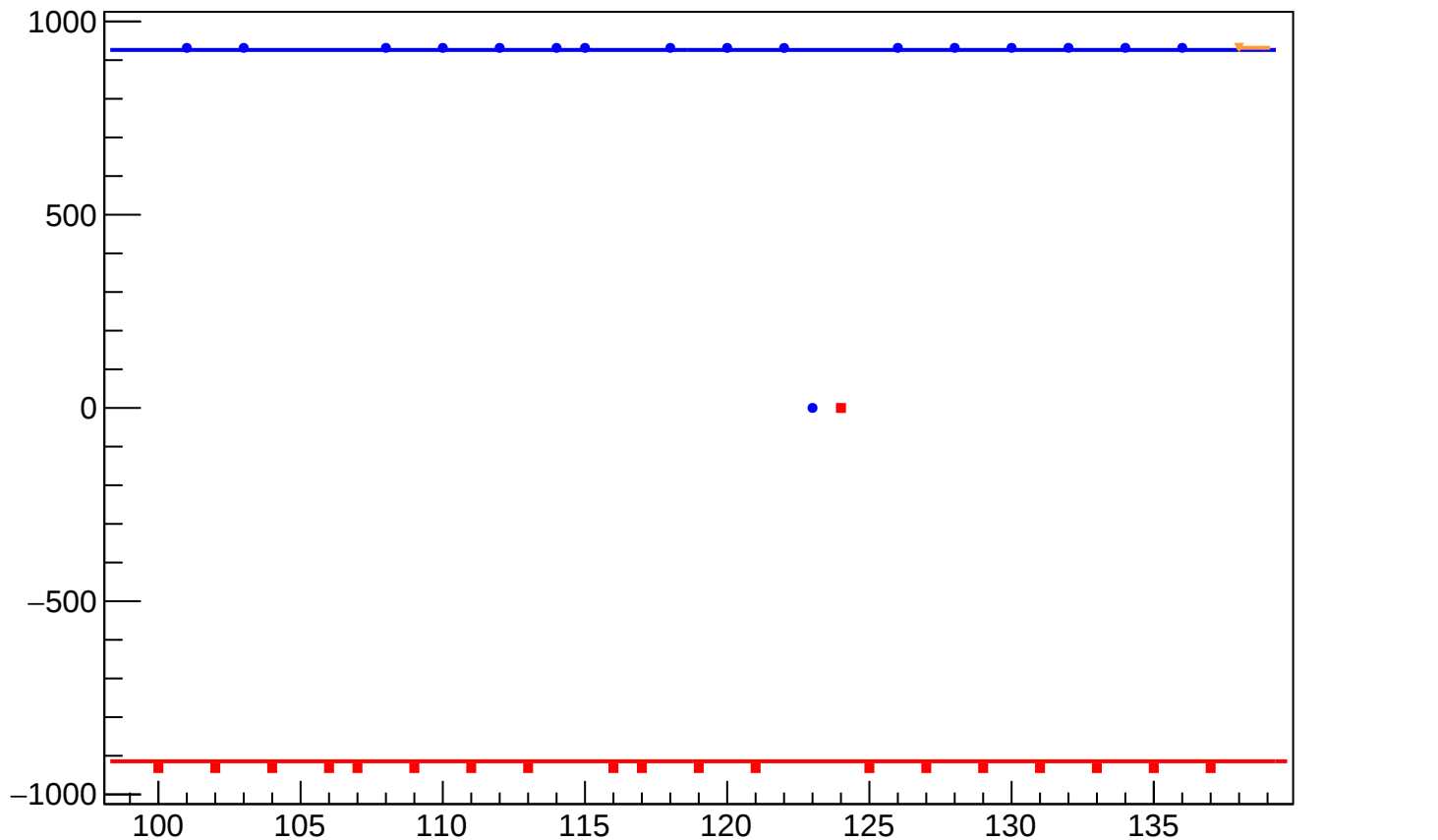
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/17

0.000 $\pm$ 0.000 χ^2 /NDF: 13347525098749

-0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/19

HacL_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 926.386+/-0.000 χ^2/NDF : 3452467754227541020877770418970165248.0/16

Left Out: 931.862+/-0.000 χ^2/NDF :1008126.4/0

Right Out: -914.329+/-0.000 χ^2/NDF : 11926383090568783667643627436949635072.0/19

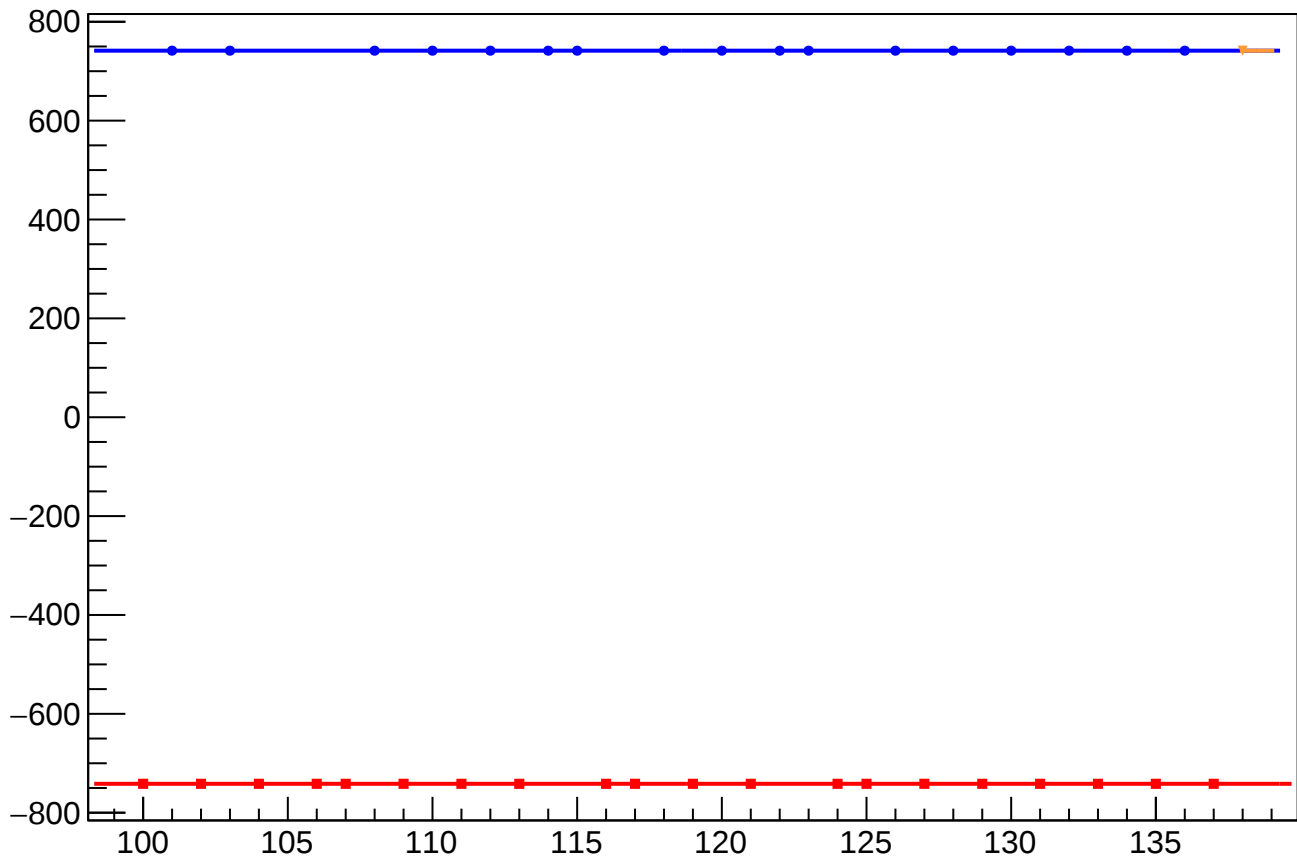
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

926.940+/-0.000 χ^2/NDF : 34545701863542760

20.245+/-0.000 χ^2/NDF : 1302542111072

-914.329+/-0.000 χ^2/NDF : 1192638309056878

HacL_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 741.532+/-0.000 χ^2/NDF : 32849351469491643197637525504.0/16

Left Out: 741.519+/-0.000 χ^2/NDF : 1008126.4/0

Right Out: -741.533+/-0.000 χ^2/NDF : 28343010063633014145849229312.0/19

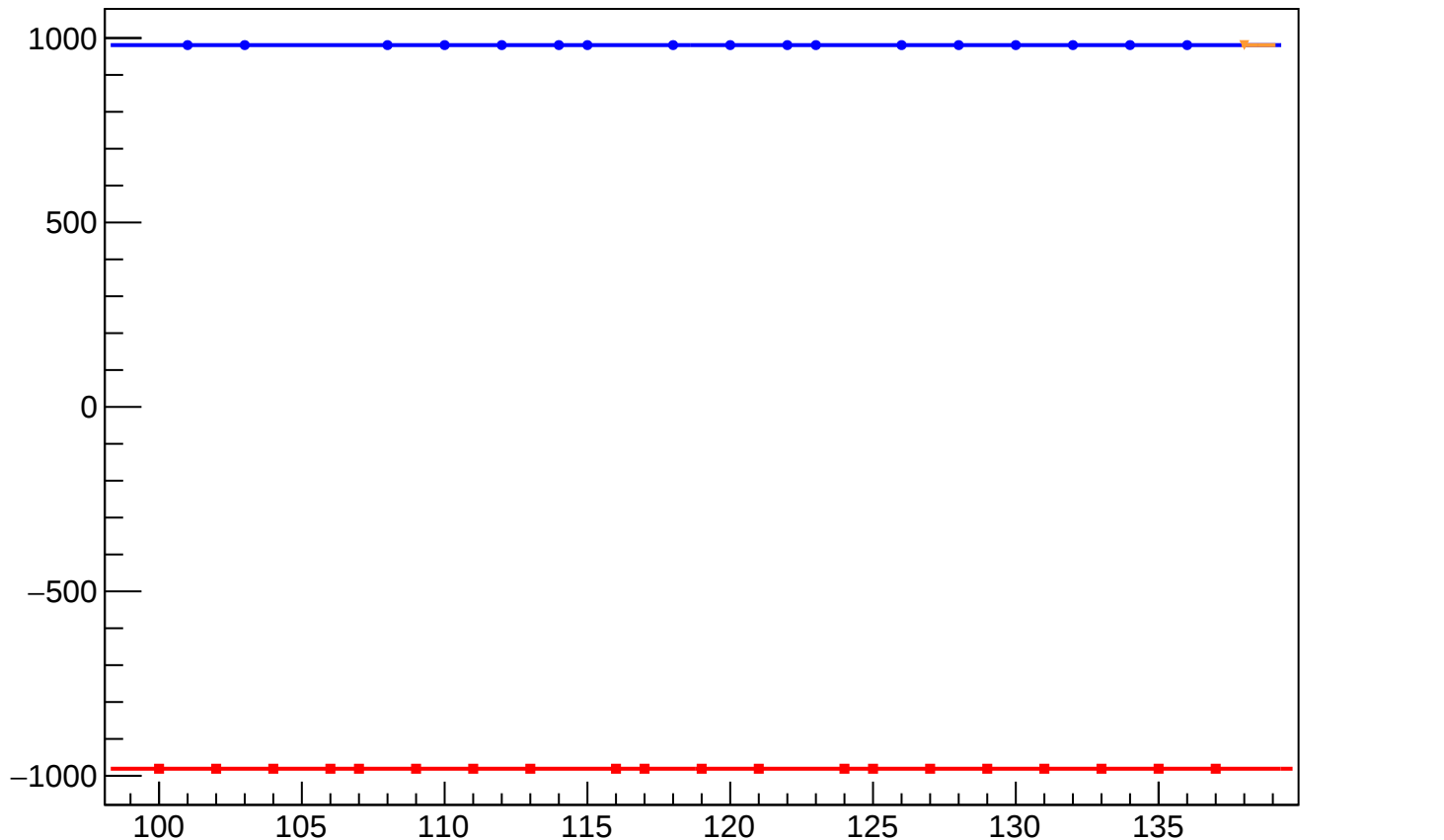
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

741.531+/-0.000 χ^2/NDF : 44339309344121585

11.227+/-0.000 χ^2/NDF : 8350605289632

-741.533+/-0.000 χ^2/NDF : 2834301006363301

HacL_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 980.829+/-0.000 χ^2/NDF : 167564898661061940746253238272.0/16

Left Out: 980.758+/-0.000 χ^2/NDF :1008126.4/0

Right Out: -980.826+/-0.000 χ^2/NDF : 179755692387407514348787073024.0/19

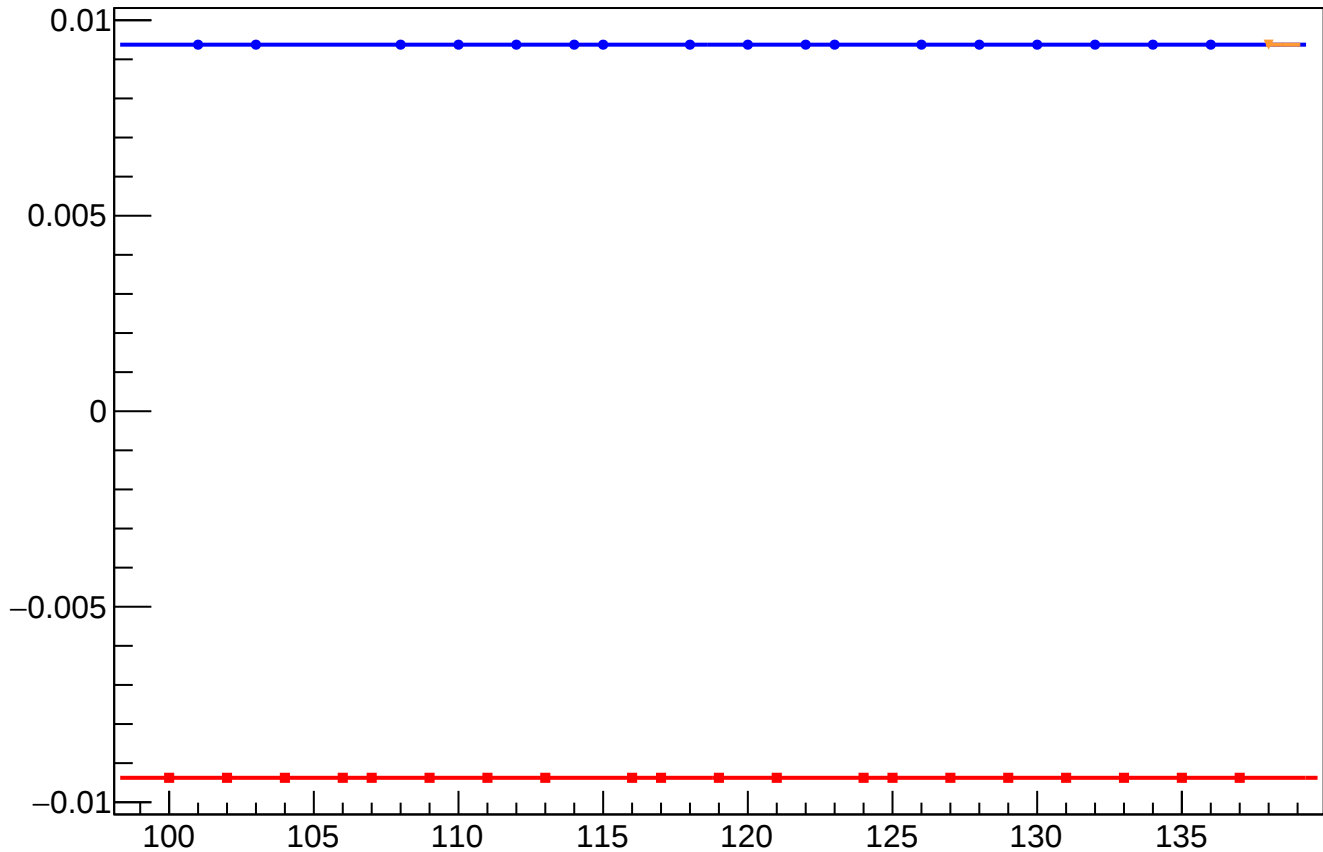
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

980.822+/-0.000 χ^2/NDF : 51604463857893202

14.849+/-0.000 χ^2/NDF : 1460966620136

-980.826+/-0.000 χ^2/NDF : 1797556923874075

MQ172RM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/16

Left Out: 0.009+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/19

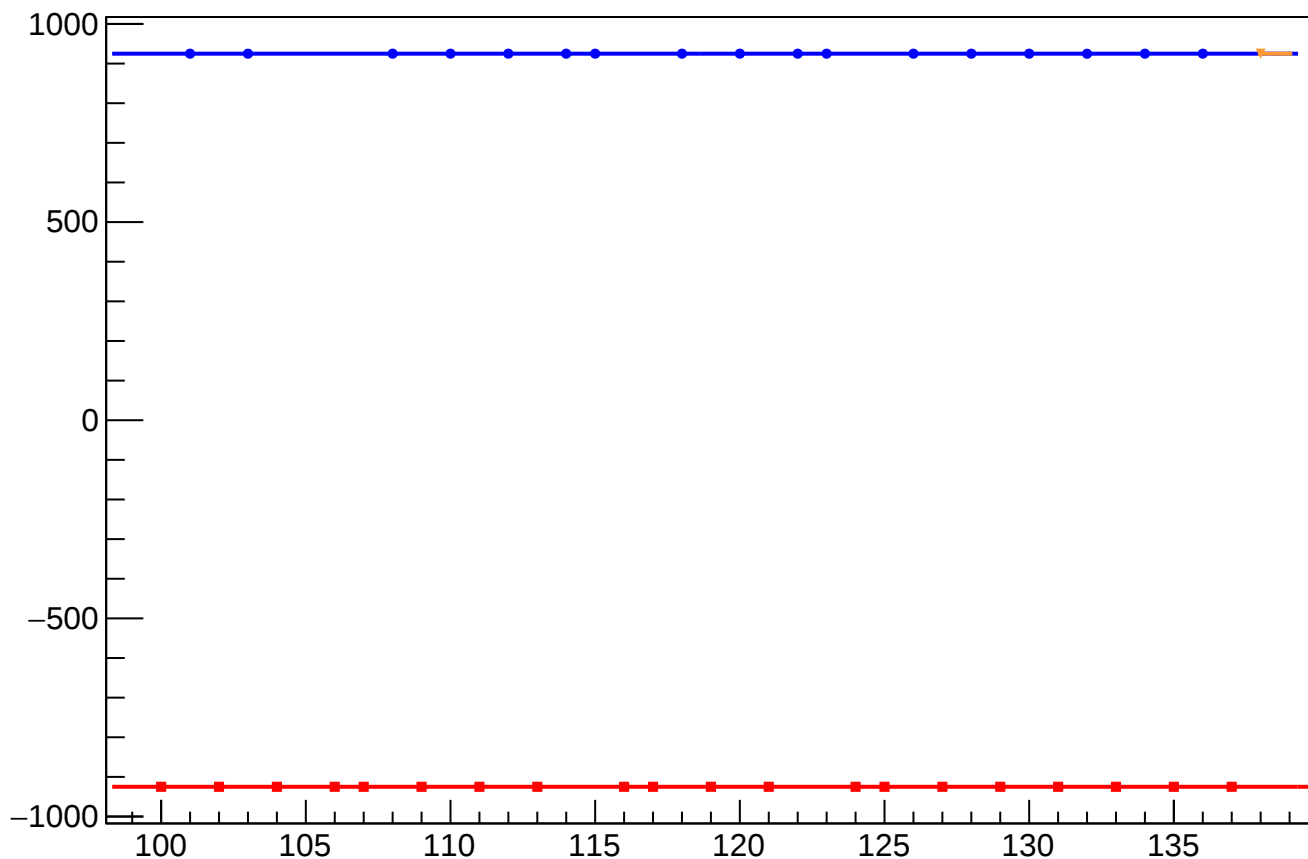
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.009+/-0.000 χ^2/NDF : 0.1/17

0.000+/-0.000 χ^2/NDF : 13347525098749

-0.009+/-0.000 χ^2/NDF : 0.0/19

HacR_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 924.951+/-0.000 χ^2/NDF : 1494768077098177221899893866496.0/16

Left Out: 924.958+/-0.000 χ^2/NDF : 0.0/0

Right Out: -924.960+/-0.000 χ^2/NDF : 77324010756500300508572942336.0/19

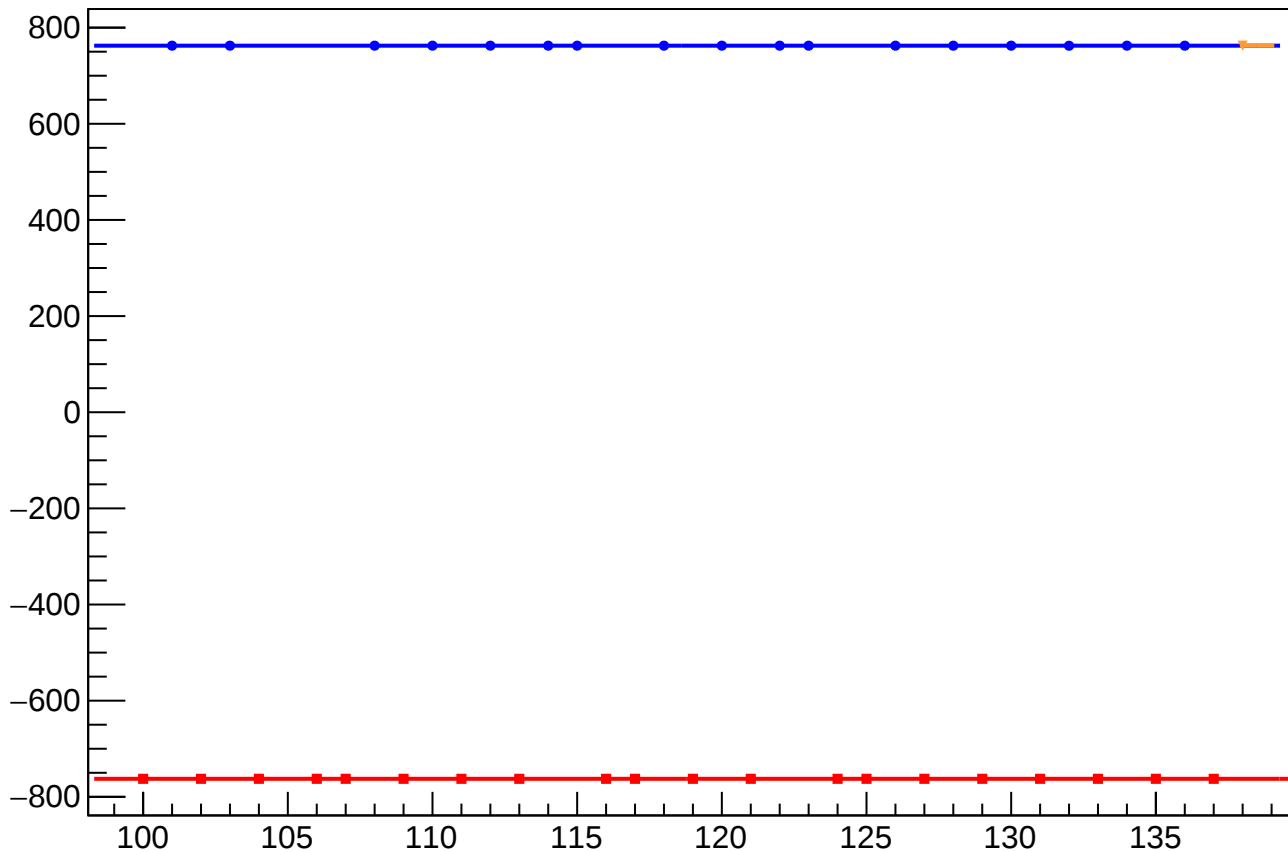
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

924.952+/-0.000 χ^2/NDF : 14980078739074664

14.001+/-0.000 χ^2/NDF : 1299272958294

-924.960+/-0.000 χ^2/NDF : 7732401075650030

HacR_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



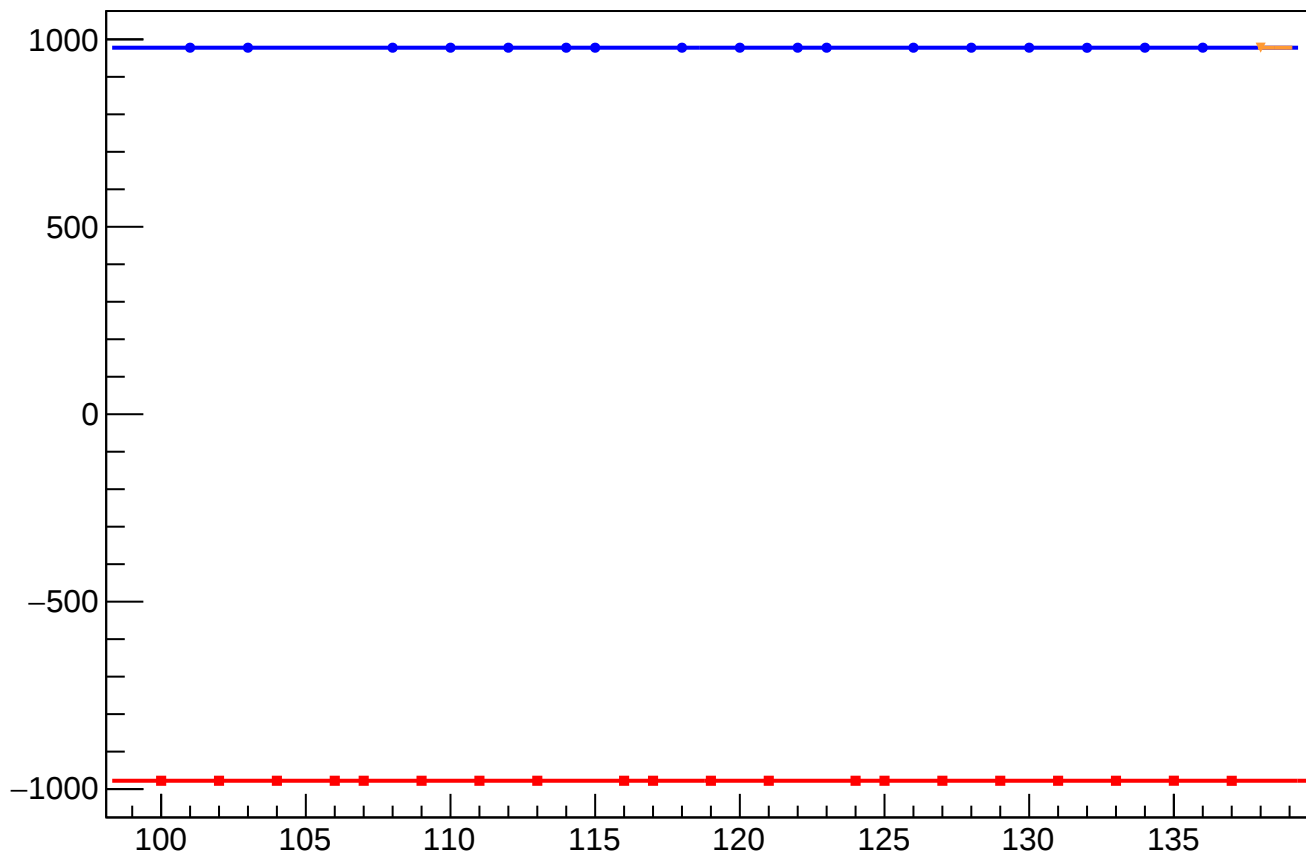
Right In: 762.493+/-0.000 χ^2/NDF : 844860490387532826187107663872.0/16

Left Out: 762.501+/-0.000 χ^2/NDF : 0.0/0

Right Out: -762.502+/-0.000 χ^2/NDF : 671534847335234231068524544.0/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

HacR_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 977.743+/-0.000 χ^2/NDF : 1742505979268316185481239855104.0/16

Left Out: 977.822+/-0.000 χ^2/NDF : 0.0/0

Right Out: -977.742+/-0.000 χ^2/NDF : 786821948031030942922994352128.0/19

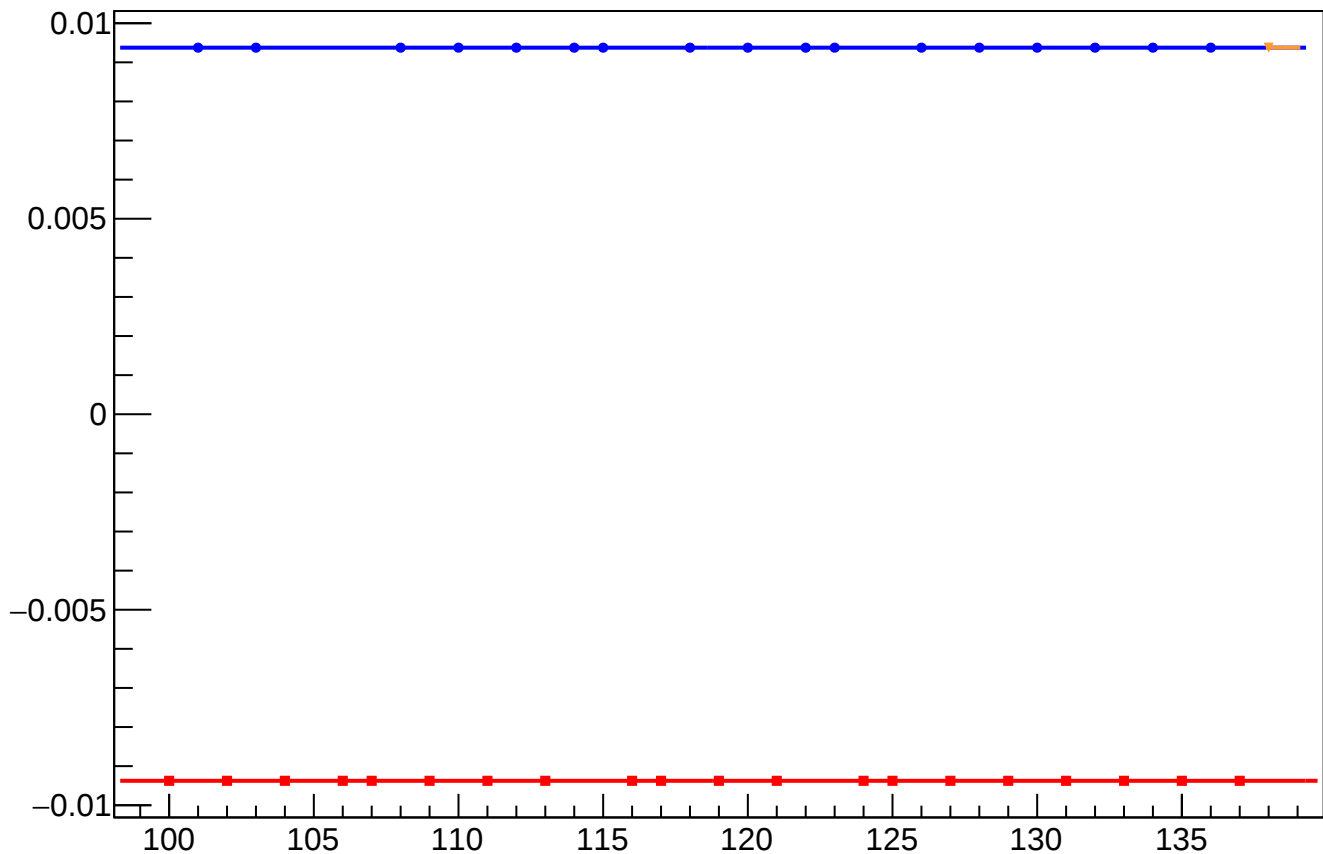
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

977.751+/-0.000 χ^2/NDF : 21767845314705650

14.809+/-0.000 χ^2/NDF : 1451813797953

-977.742+/-0.000 χ^2/NDF : 7868219480310309

hesDipole_current_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/16

Left Out: 0.009+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/19

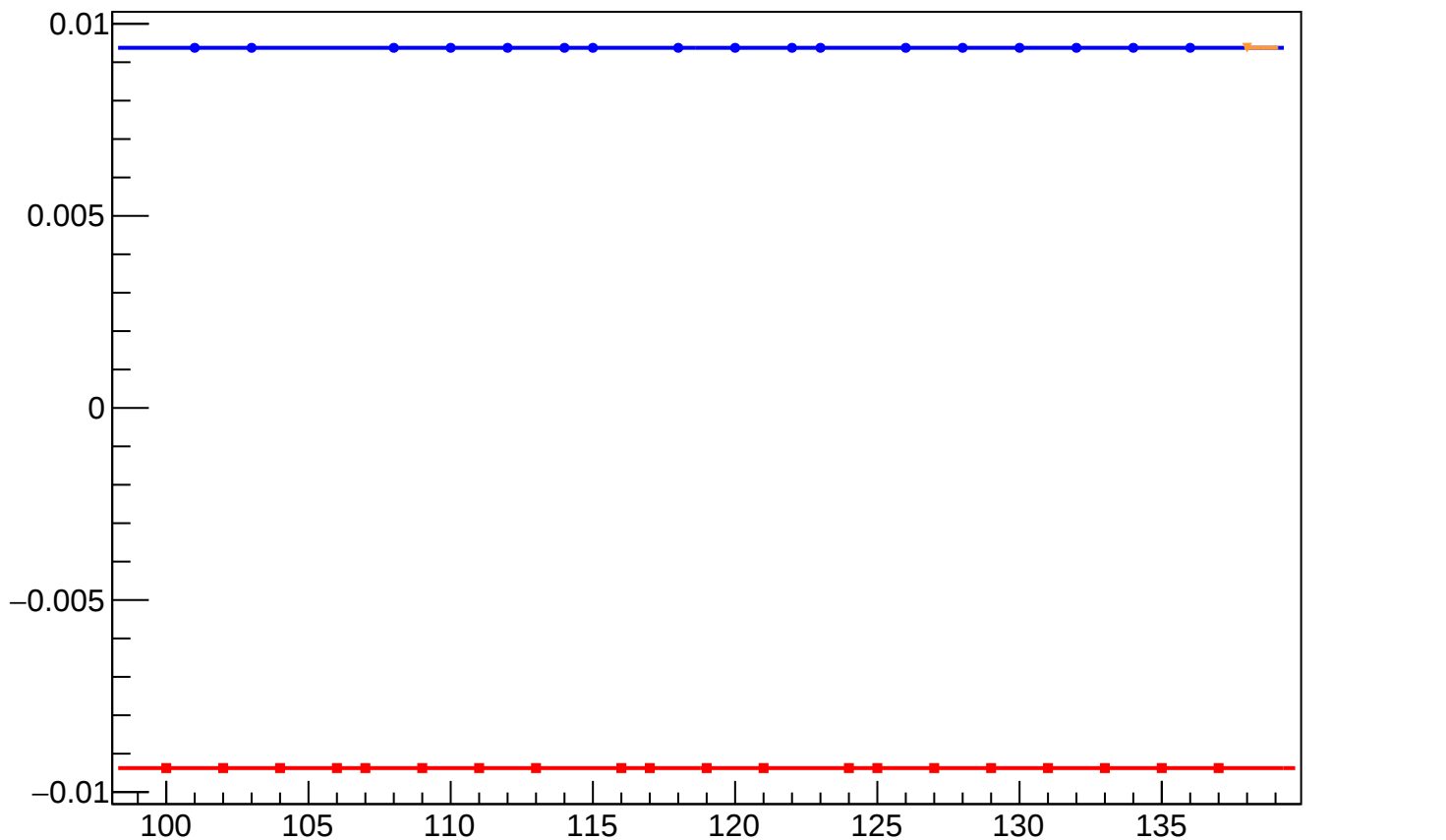
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.009+/-0.000 χ^2/NDF : 0.1/17

0.000+/-0.000 χ^2/NDF : 13347525098749

-0.009+/-0.000 χ^2/NDF : 0.0/19

MSUPERBIGBITereadcalc_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/16

Left Out: 0.009+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/19

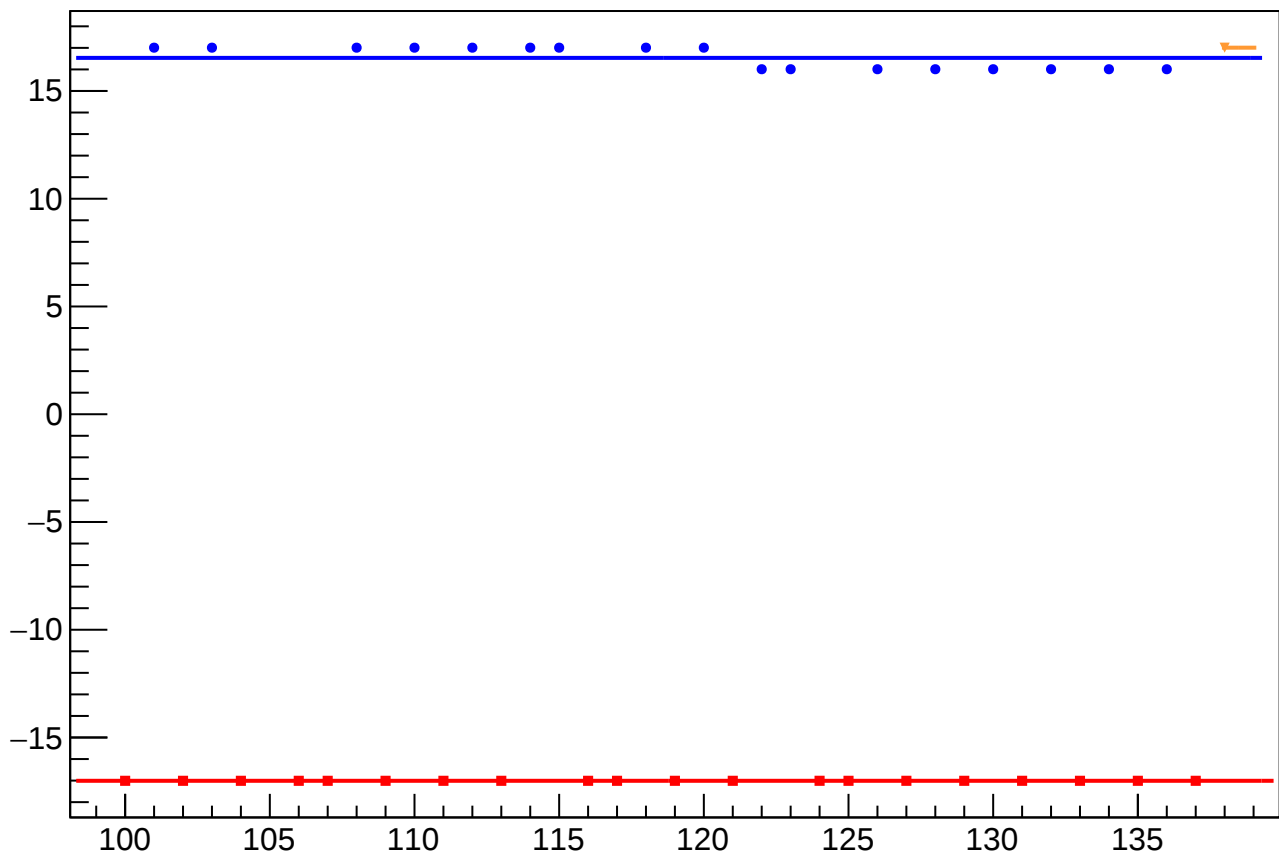
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.009+/-0.000 χ^2/NDF : 0.1/17

0.000+/-0.000 χ^2/NDF : 13347525098749

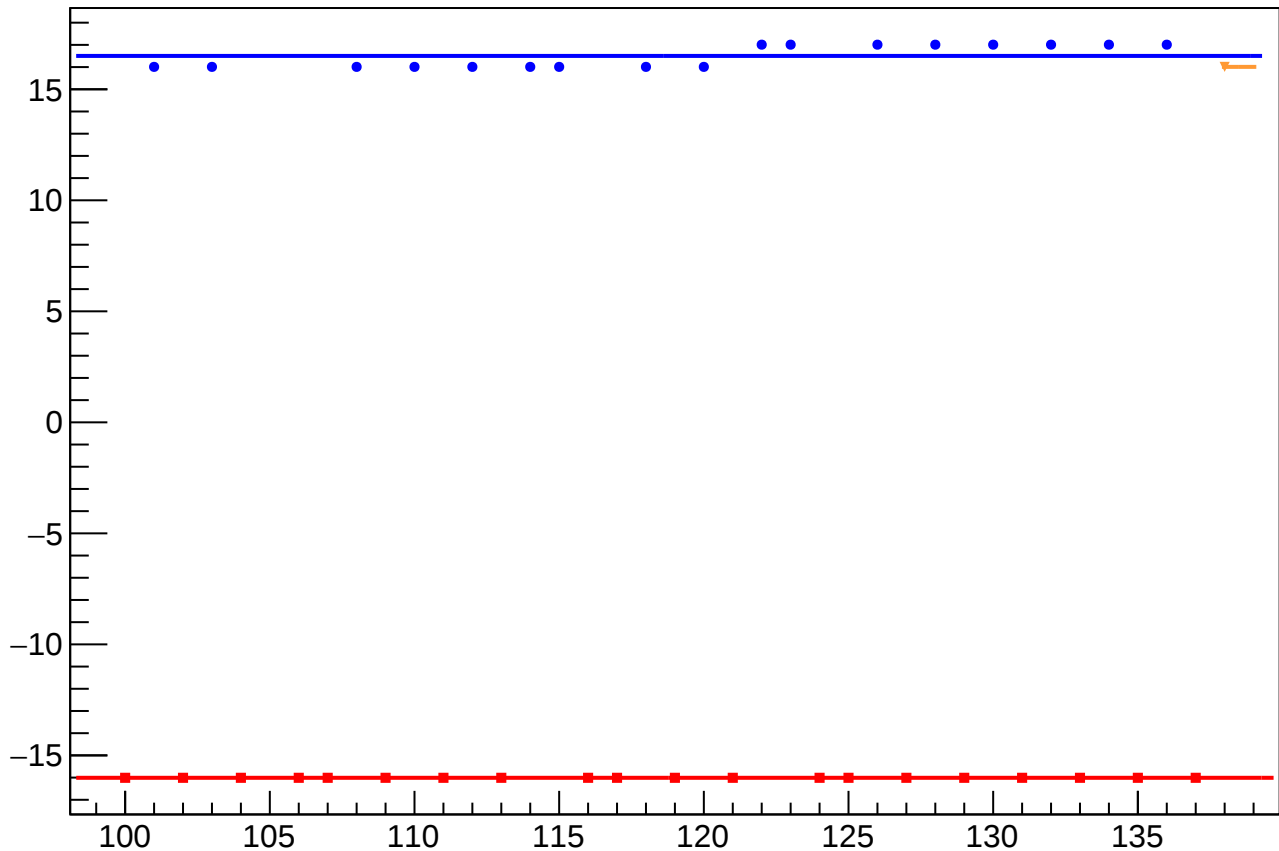
-0.009+/-0.000 χ^2/NDF : 0.0/19

IGL1I00DI24_24M_mean vs Slug, Sign Corrected



Right In: 16.536 $\pm$ 0.000 χ^2 /NDF: 166290854572710847195720592654336.0/16
 Left Out: 17.009 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -17.009 $\pm$ 0.000 χ^2 /NDF: 11540731635624530264719360.0/19
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

IGL1I00OD16_16_mean vs Slug, Sign Corrected



Right In: 16.503+/-0.000 χ^2/NDF : 173220779220767859821342581850112.0/16

Left Out: 16.009+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.009+/-0.000 χ^2/NDF : 51711.4/19

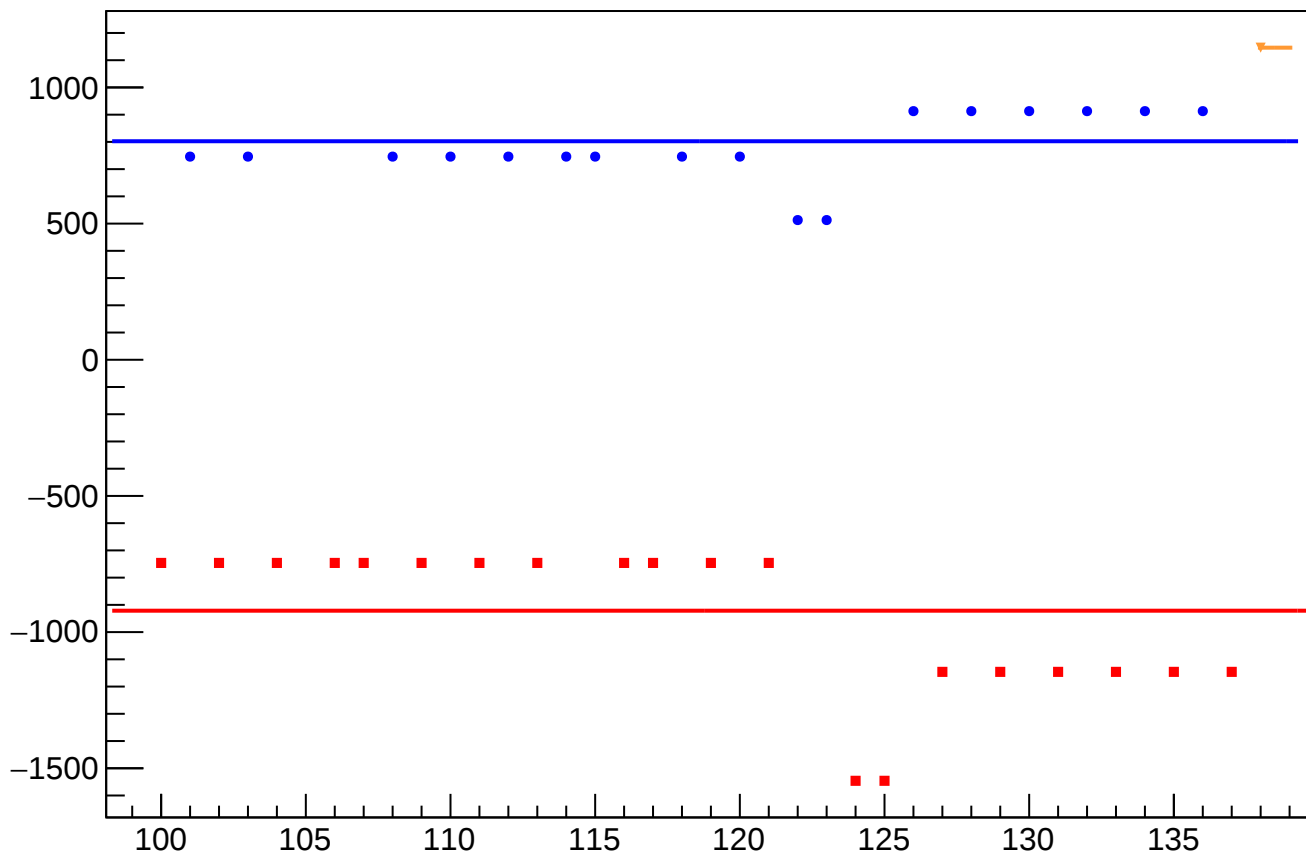
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

16.453+/-0.000 χ^2/NDF : 19029571984434726

0.468+/-0.000 χ^2/NDF : 40028018133568

-16.009+/-0.000 χ^2/NDF : 51711.4/19

RTPAPOSUCNT_mean vs Slug, Sign Corrected



Right In: 802.433+/-0.000 χ^2/NDF : 8518512859792873312396438277176950784.0/16

Left Out: 1146.013+/-0.000 χ^2/NDF : 0.0/0

Right Out: -921.400+/-0.000 χ^2/NDF : 44830922812168808267288896825047646208.0/19

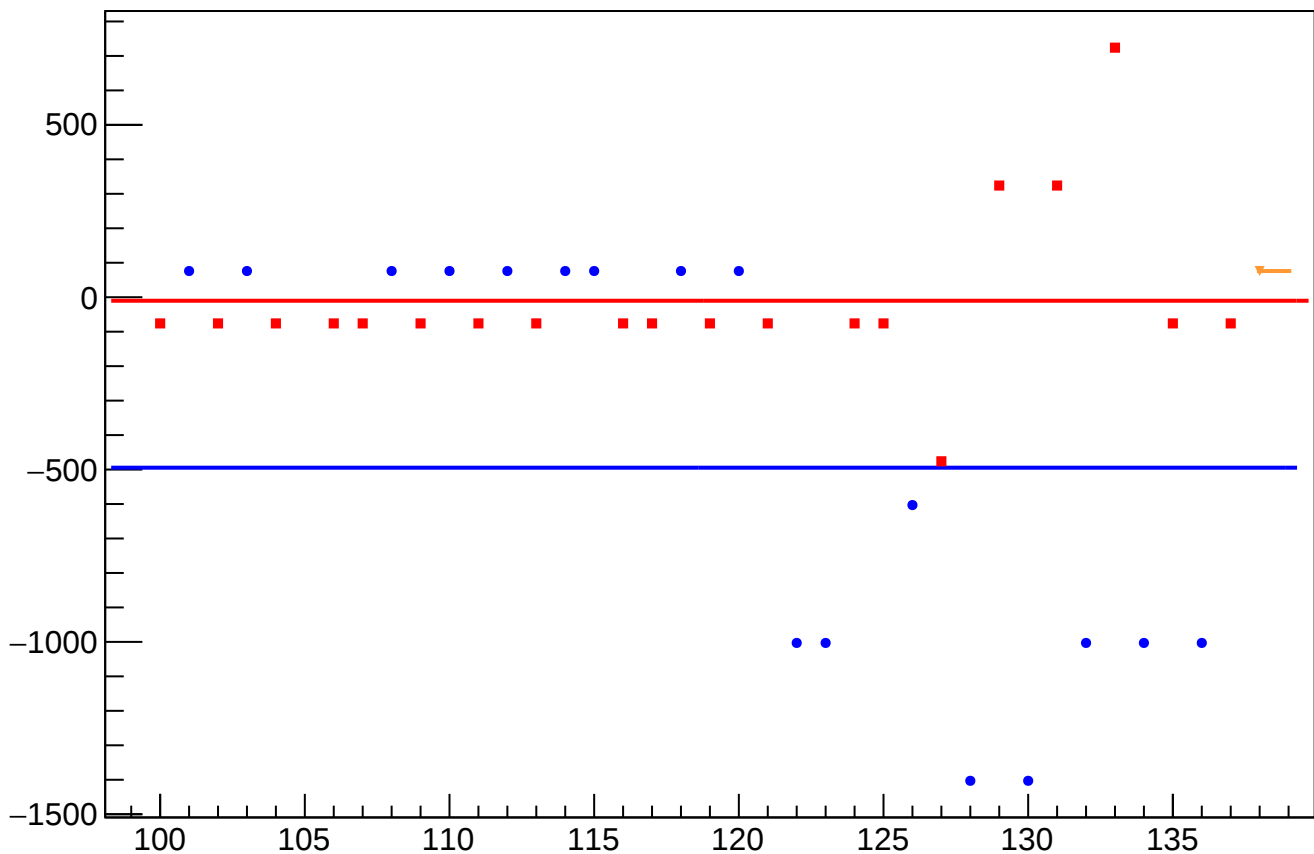
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

837.192+/-0.000 χ^2/NDF : 16794692566989437

-28.790+/-0.000 χ^2/NDF : 123578856925

-921.400+/-0.000 χ^2/NDF : 4483092281216880

RTPAPOSVCNT_mean vs Slug, Sign Corrected



Right In: -494.579+/-0.000 χ^2/NDF : 253199546676747861412476401848126799872.0/16

Left Out: 76.009+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.233+/-0.000 χ^2/NDF : 43963419681025124833204803444750155776.0/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-436.854+/-0.000 χ^2/NDF : 2760249548257486

-226.773+/-0.000 χ^2/NDF : 389088907219

-10.233+/-0.000 χ^2/NDF : 43963419681025124