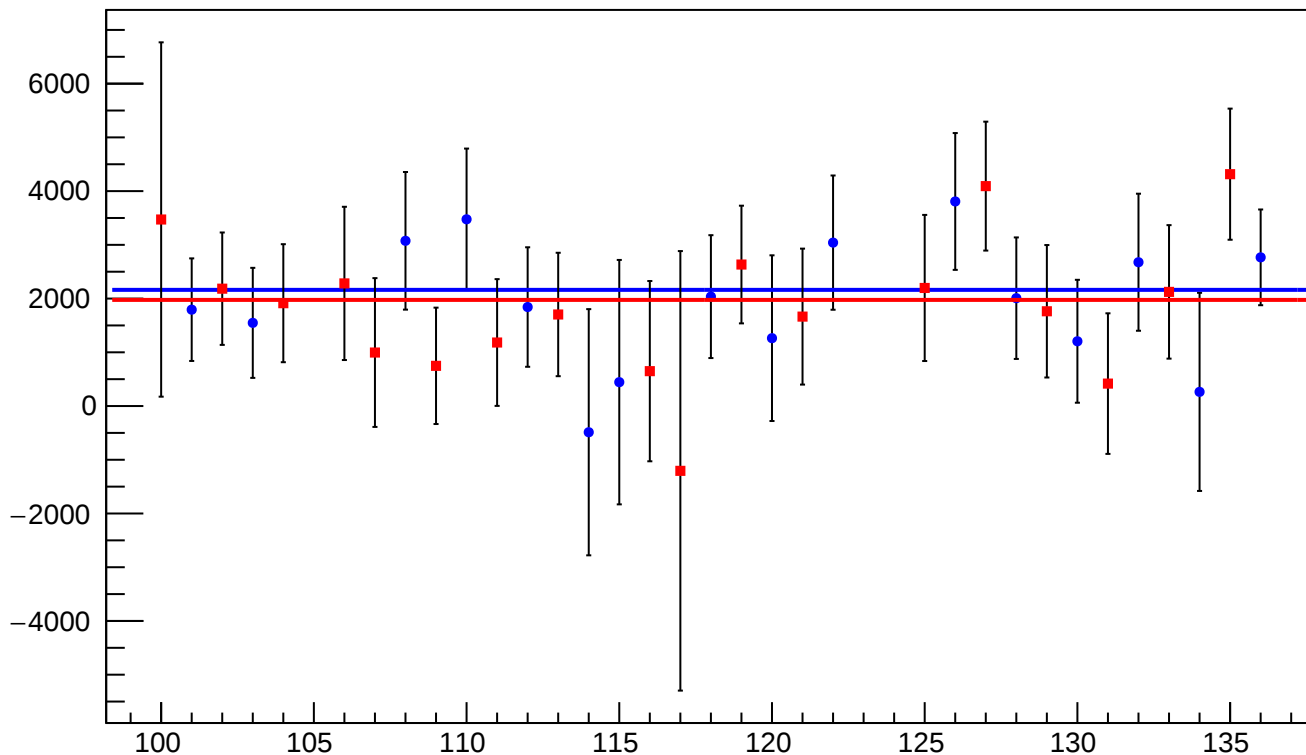


reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2162.311+/-307.312 χ^2/NDF : 8.9/15

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

Right Out: 1975.275+/-303.602 χ^2/NDF : 12.5/17

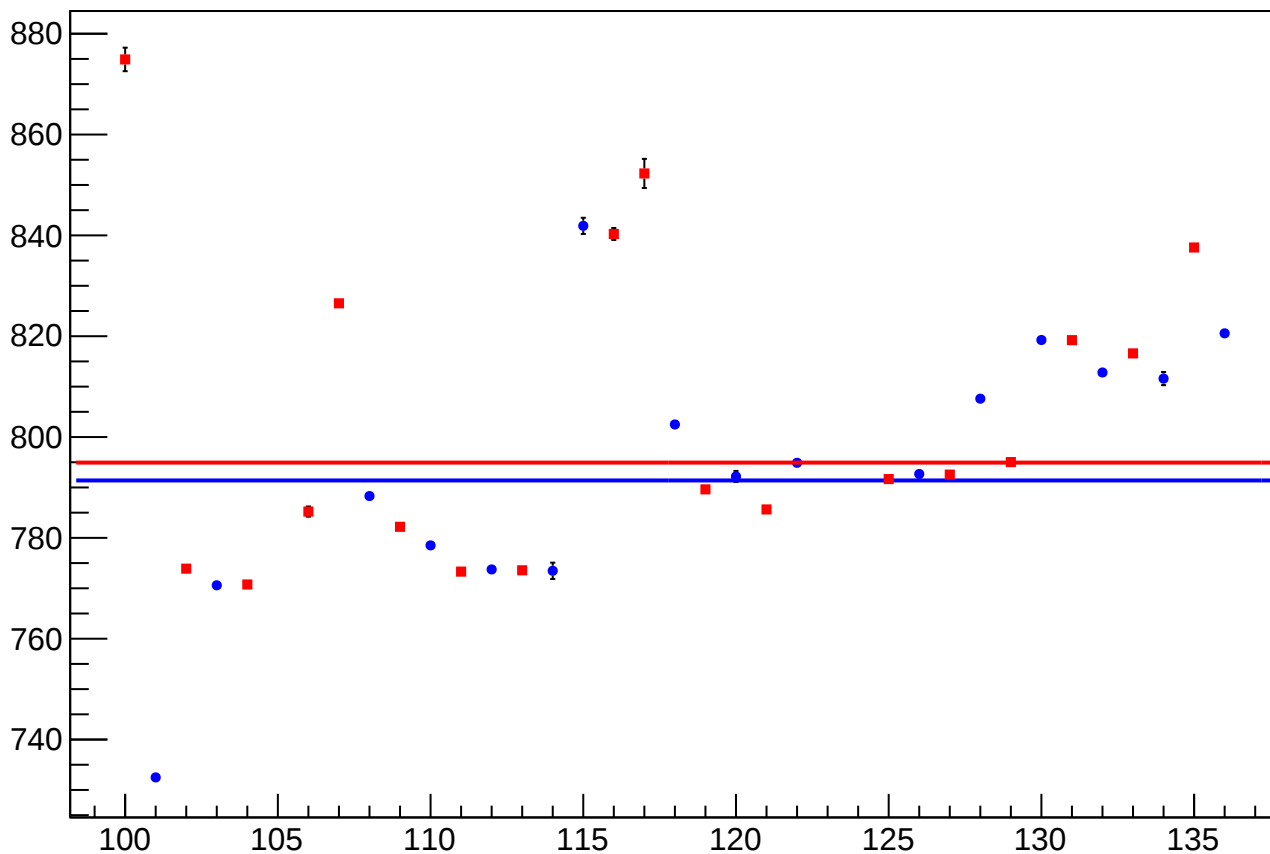
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2162.311+/-307.312 χ^2/NDF : 8.9/15

2067.657+/-215.979 χ^2/NDF : 21.6/33

1975.275+/-303.602 χ^2/NDF : 12.5/17

reg_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 791.390+/-0.217 χ^2/NDF : 15008.3/15

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

Right Out: 794.933+/-0.215 χ^2/NDF : 11500.2/17

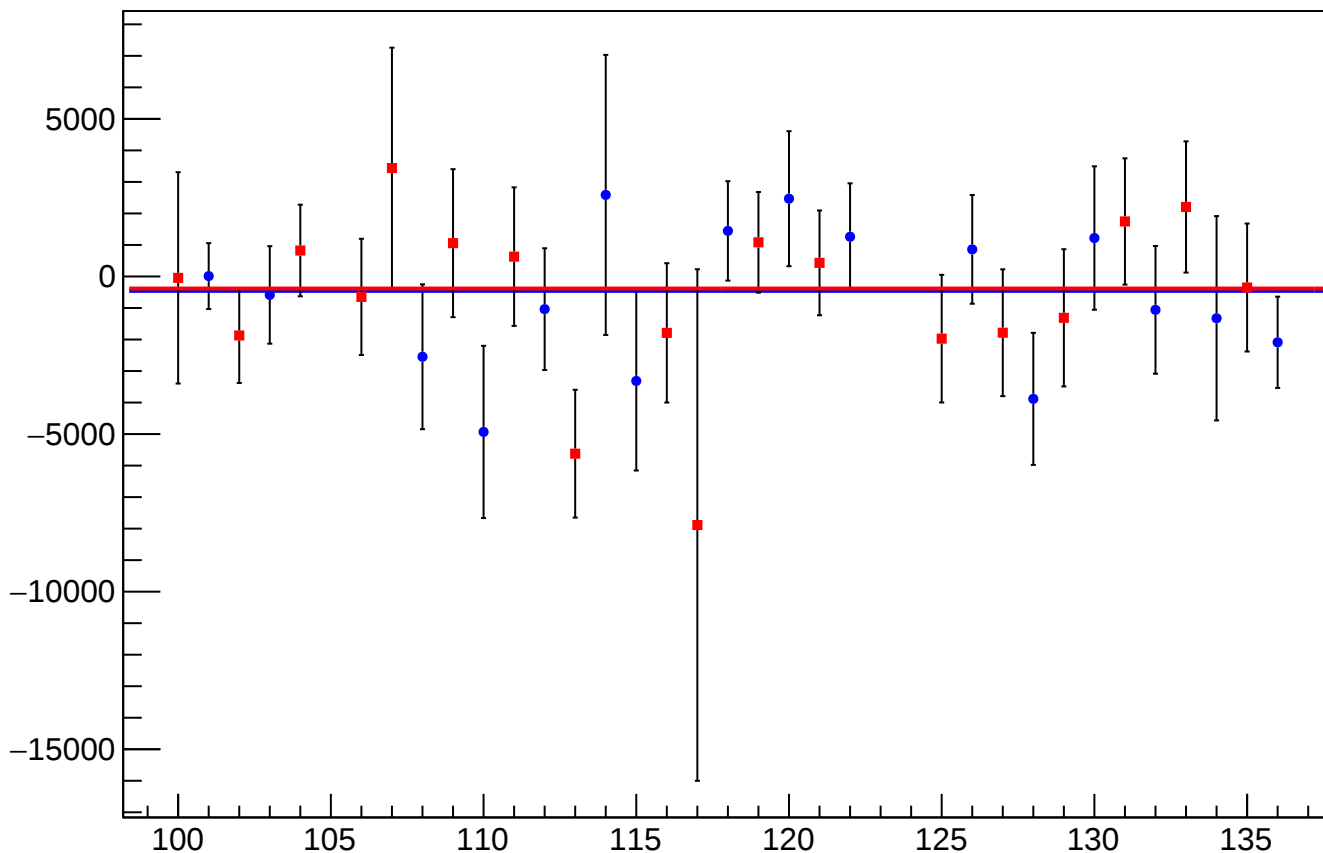
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

791.390+/-0.217 χ^2/NDF : 15008.3/15

793.183+/-0.153 χ^2/NDF : 26643.0/33

794.933+/-0.215 χ^2/NDF : 11500.2/17

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -382.584+/-477.004 χ^2/NDF : 16.3/17

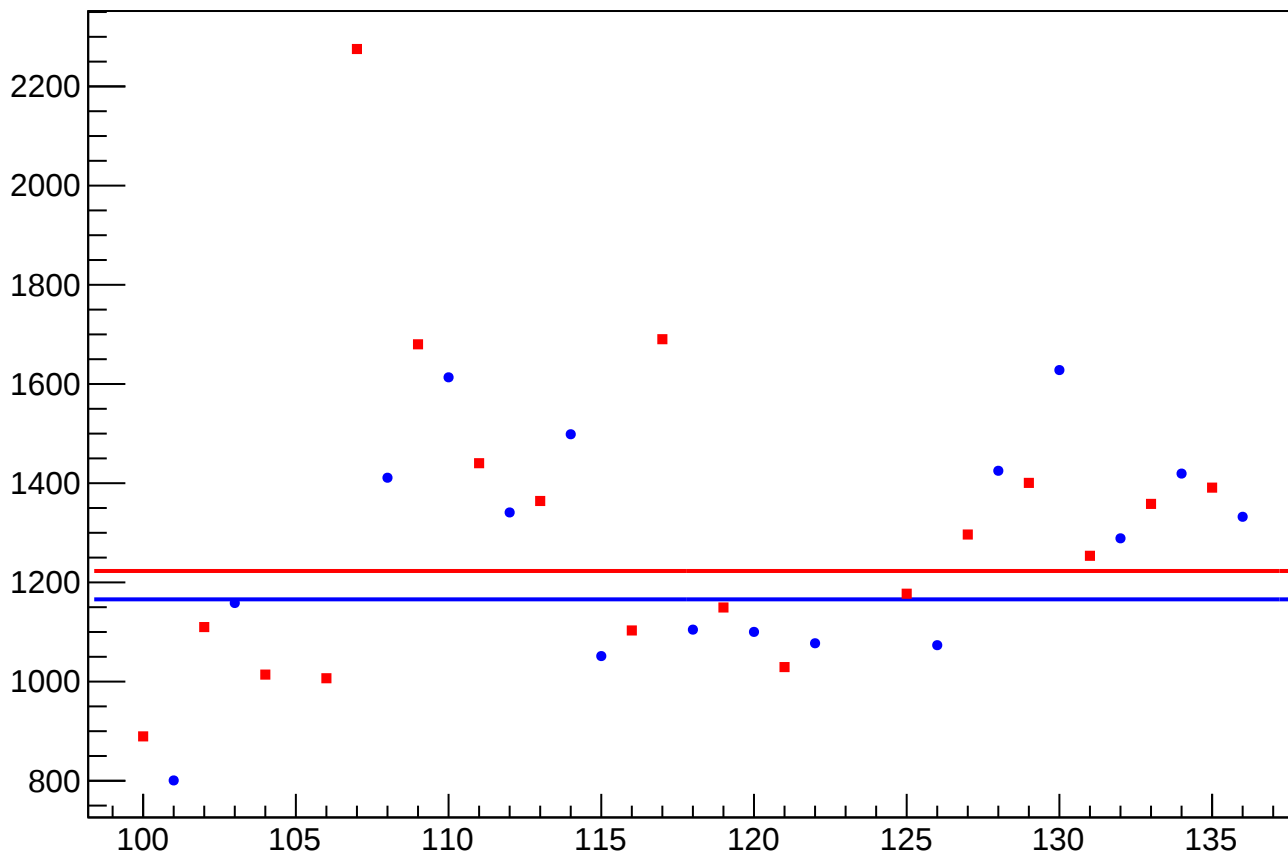
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-455.675+/-464.232 χ^2/NDF : 14.9/15

-420.121+/-332.685 χ^2/NDF : 31.1/33

-382.584+/-477.004 χ^2/NDF : 16.3/17

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 1223.014 $\pm$ 0.337 χ^2 /NDF: 440252.0/17

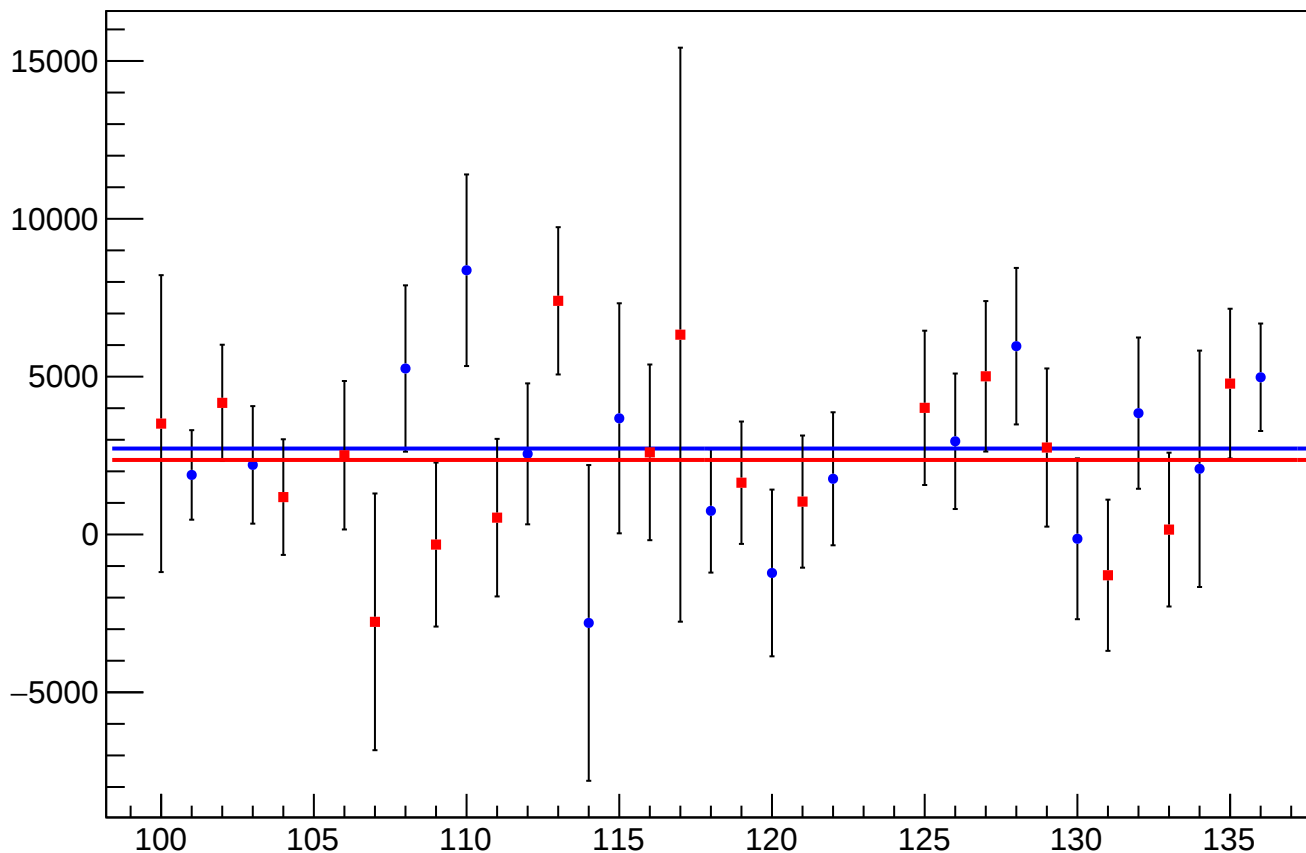
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1193.637 $\pm$ 0.235 χ^2 /NDF: 981823.9/33

1223.014 $\pm$ 0.337 χ^2 /NDF: 440252.0/17

asym_us_avg_mean vs Slug, Sign Corrected



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

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

Right Out: 2360.685+/-574.426 χ^2/NDF : 15.9/17

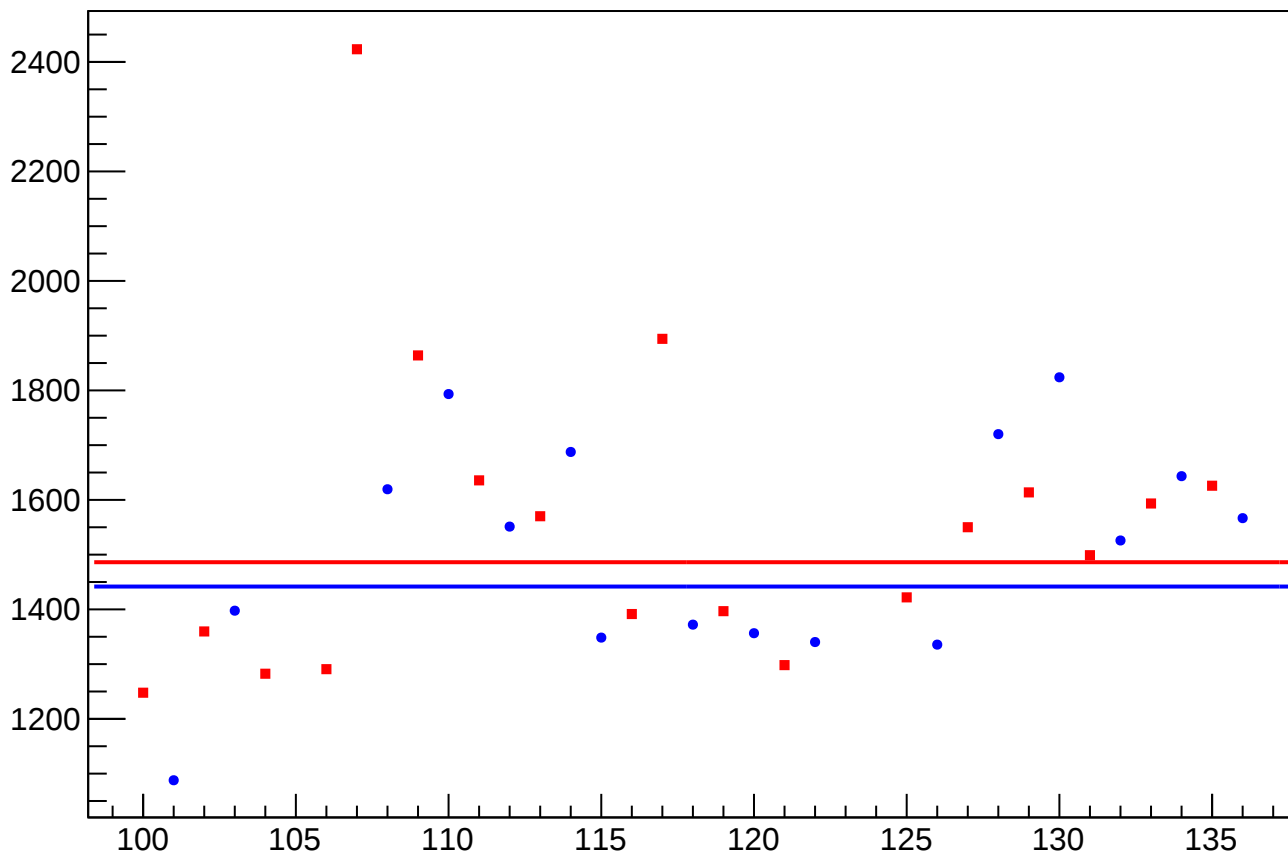
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2722.309+/-567.154 χ^2/NDF : 14.6/15

2543.801+/-403.585 χ^2/NDF : 30.7/33

2360.685+/-574.426 χ^2/NDF : 15.9/17

asym_us_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 1486.167+/-0.406 χ^2/NDF : 256952.1/17

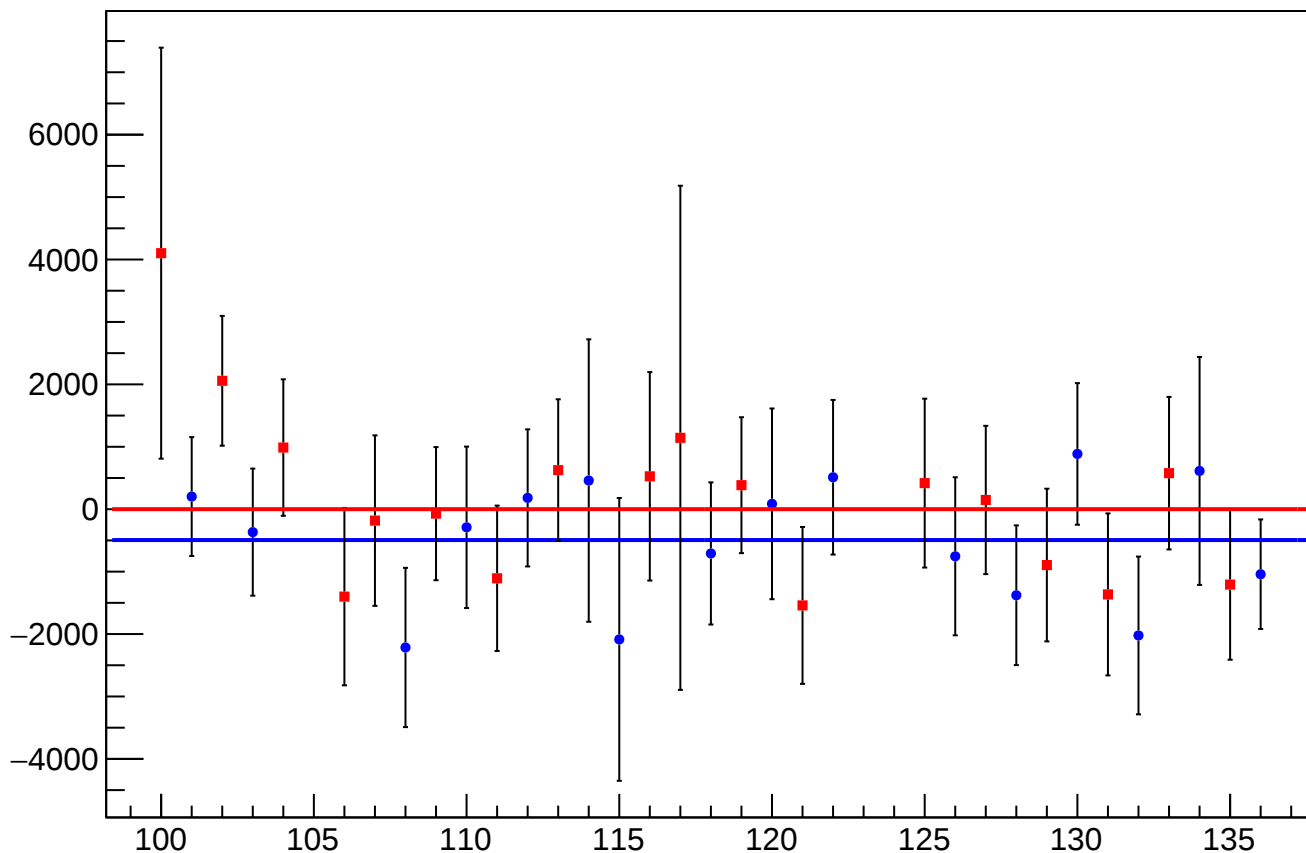
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1463.660+/-0.285 χ^2/NDF : 538918.2/33

1486.167+/-0.406 χ^2/NDF : 256952.1/17

reg_asym_us_dd_mean vs Slug, Sign Corrected



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

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

Right Out: 0.780+/-300.784 χ^2/NDF : 13.3/17

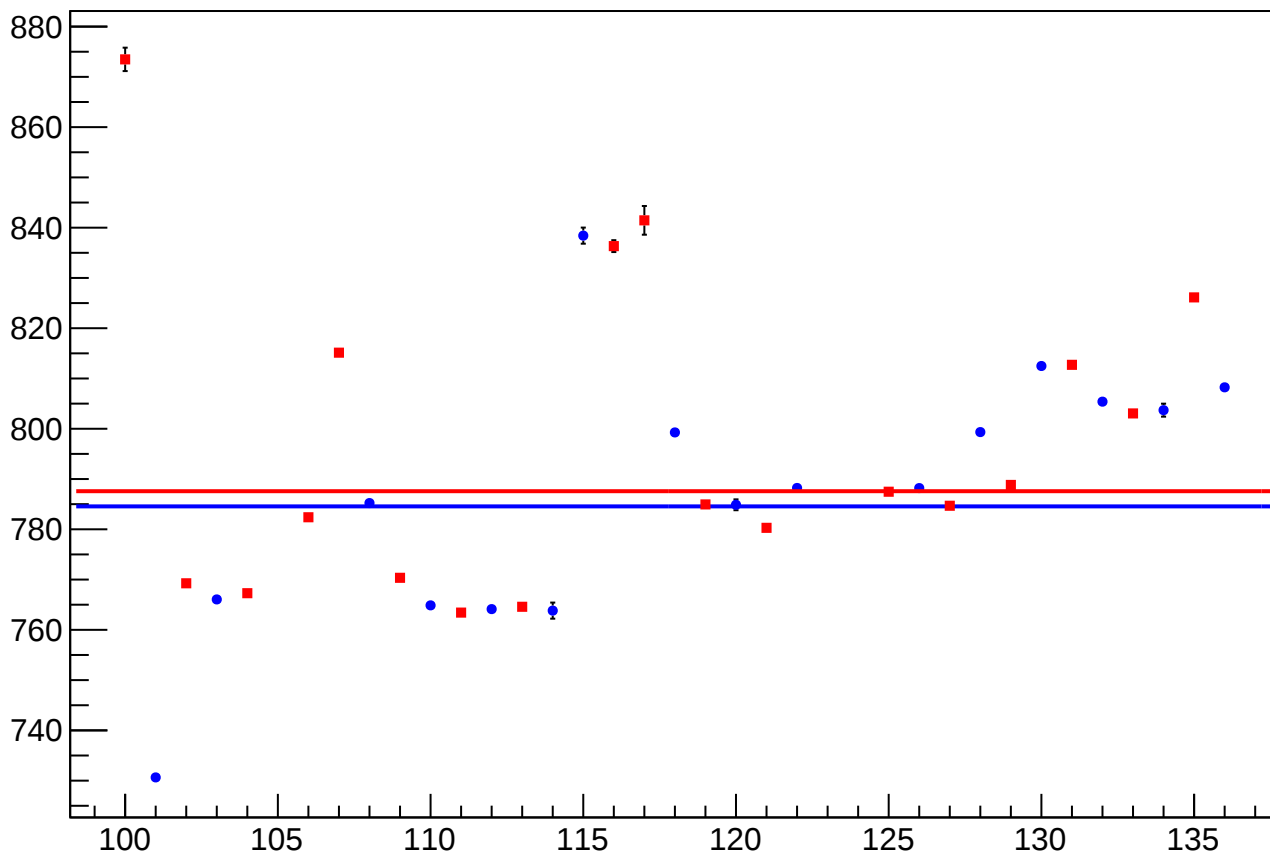
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-494.223+/-304.644 χ^2/NDF : 8.7/15

-243.566+/-214.038 χ^2/NDF : 23.3/33

0.780+/-300.784 χ^2/NDF : 13.3/17

reg_asym_us_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 787.579+/-0.213 χ^2/NDF : 10992.7/17

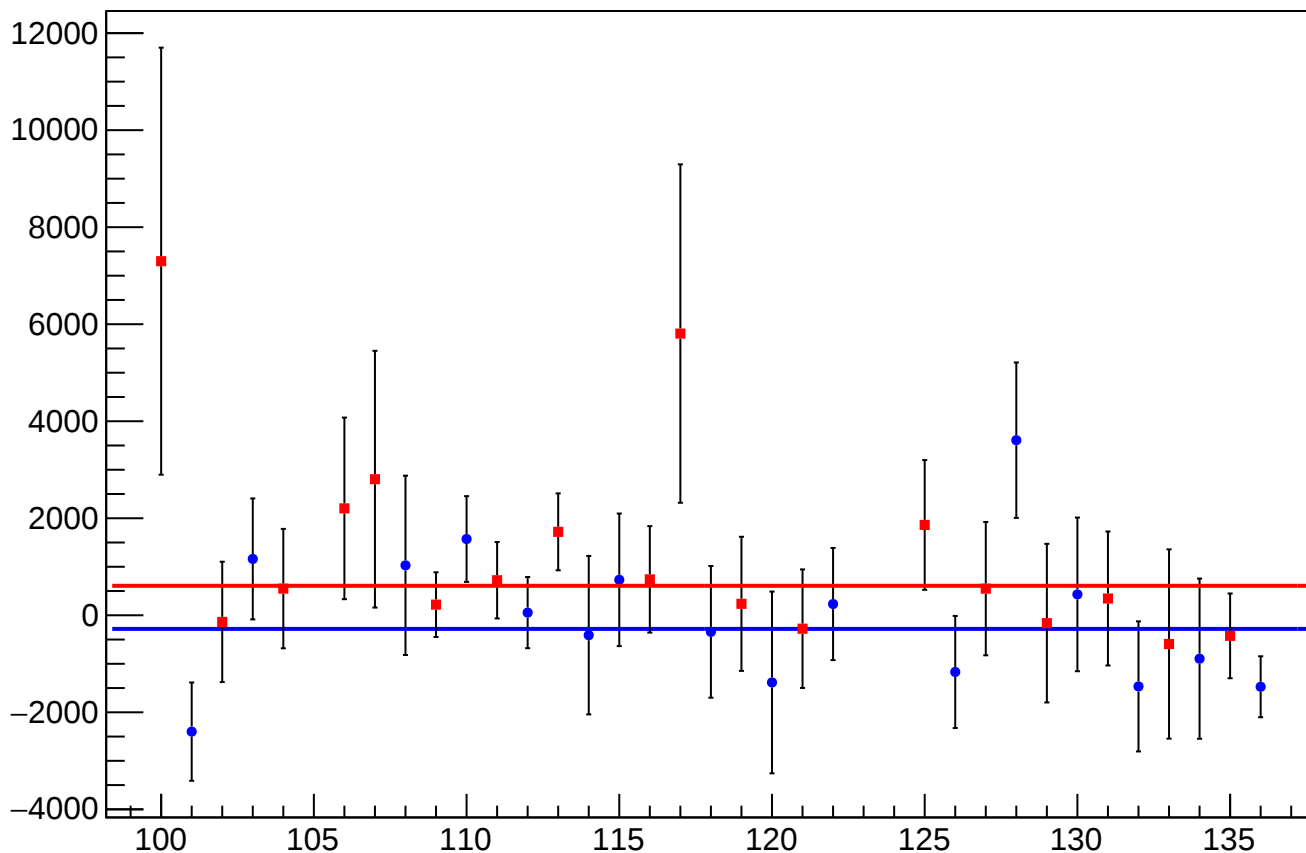
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

784.558+/-0.215 χ^2/NDF : 13677.7/15

786.088+/-0.151 χ^2/NDF : 24770.1/33

787.579+/-0.213 χ^2/NDF : 10992.7/17

asym_us_dd_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 607.917+/-278.284 χ^2/NDF : 12.2/17

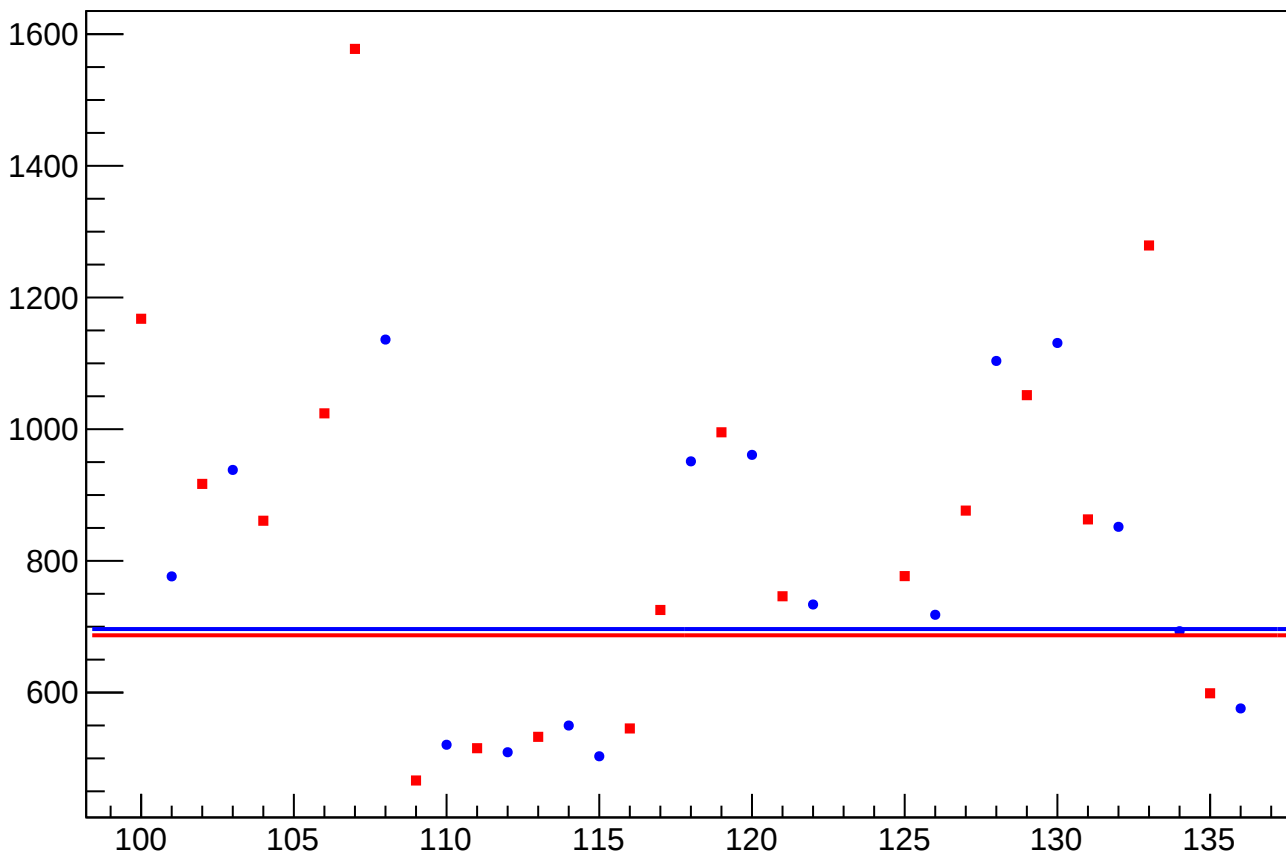
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-280.632+/-282.501 χ^2/NDF : 23.1/15

170.325+/-198.250 χ^2/NDF : 40.3/33

607.917+/-278.284 χ^2/NDF : 12.2/17

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 686.953+/-0.197 χ^2/NDF : 1334870.3/17

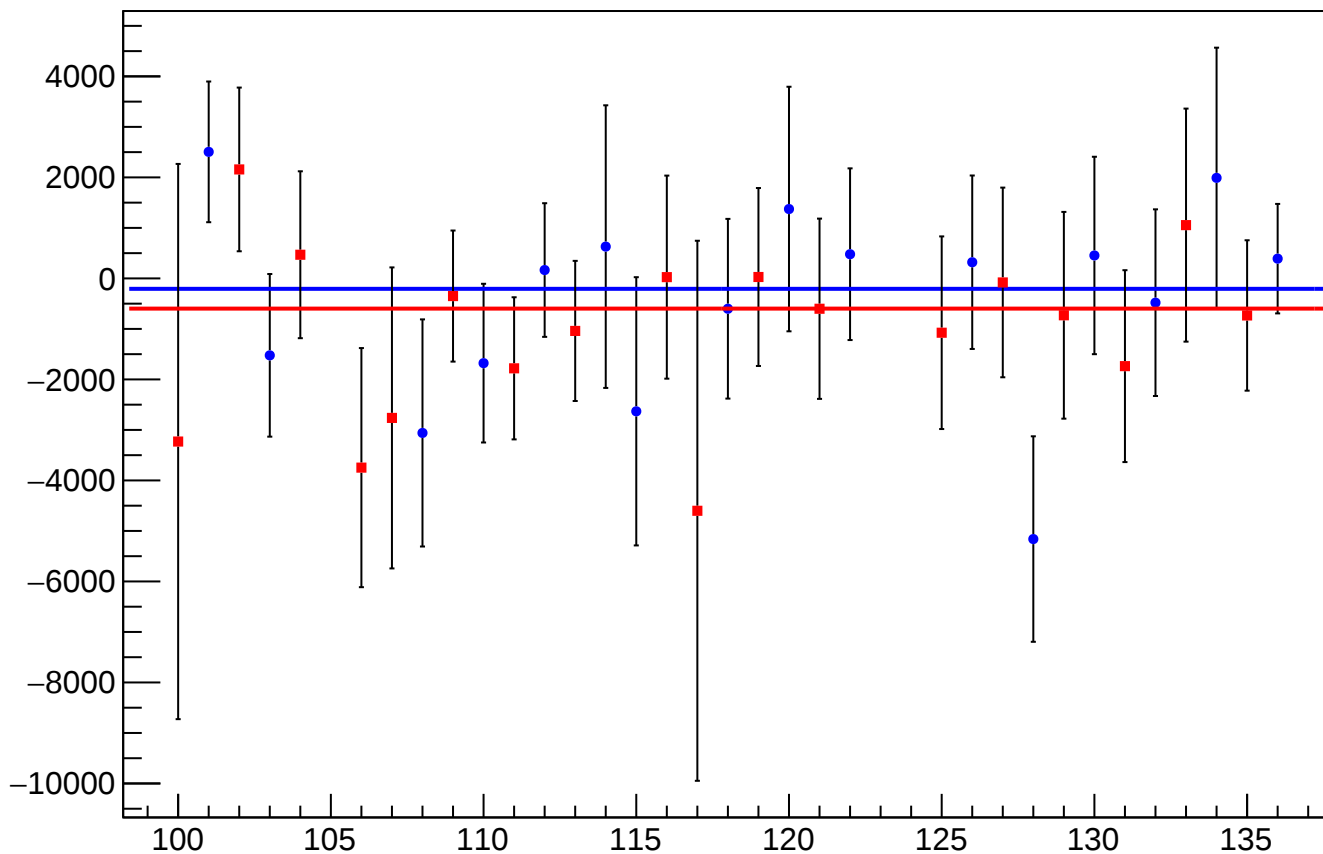
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

696.462+/-0.200 χ^2/NDF : 959490.0/15

691.636+/-0.140 χ^2/NDF : 2295510.4/33

686.953+/-0.197 χ^2/NDF : 1334870.3/17

asym_us_dd_mean vs Slug, Sign Corrected



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

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

Right Out: -597.953+/-433.473 χ^2/NDF : 8.5/17

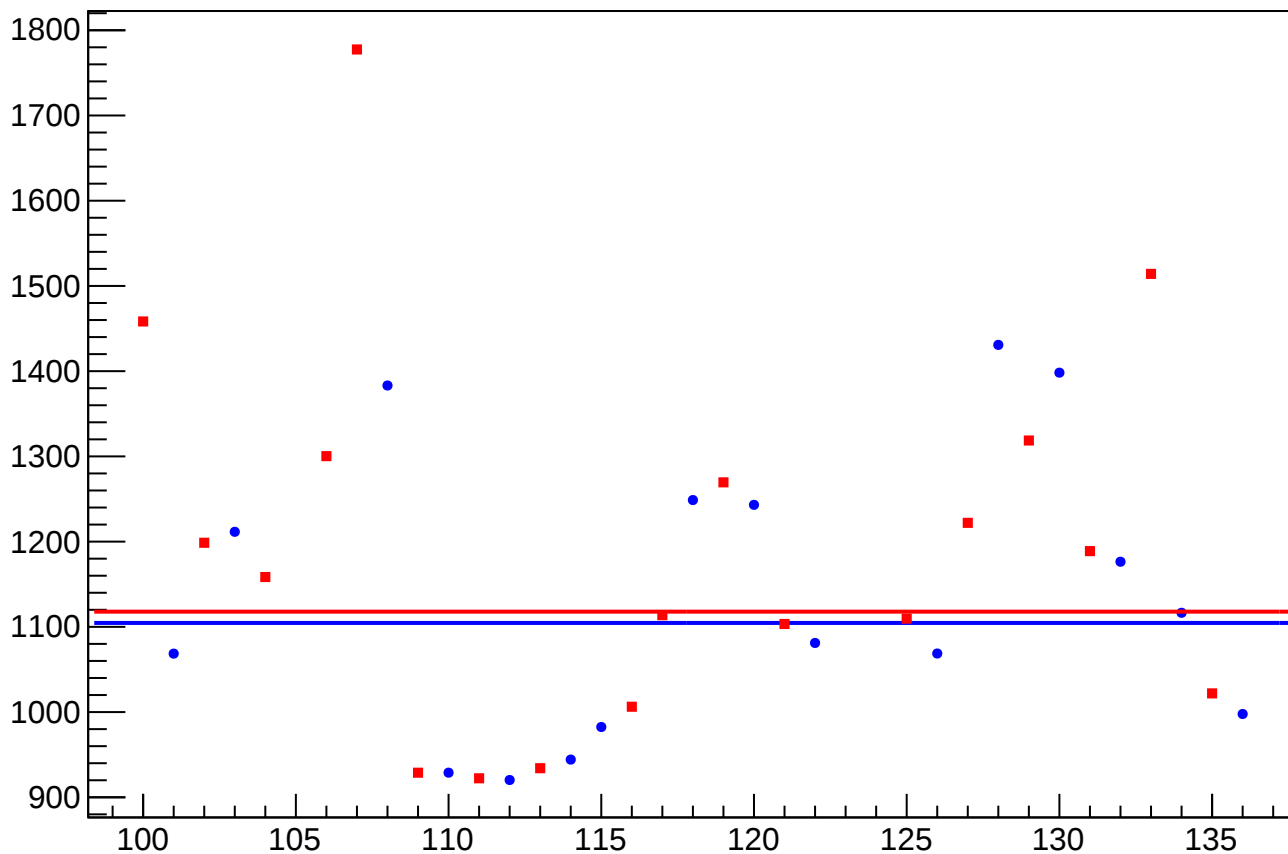
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-206.385+/-433.774 χ^2/NDF : 15.8/15

-402.305+/-306.618 χ^2/NDF : 24.7/33

-597.953+/-433.473 χ^2/NDF : 8.5/17

asym_us_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 1117.837 $\pm$ 0.307 χ^2 /NDF: 356533.1/17

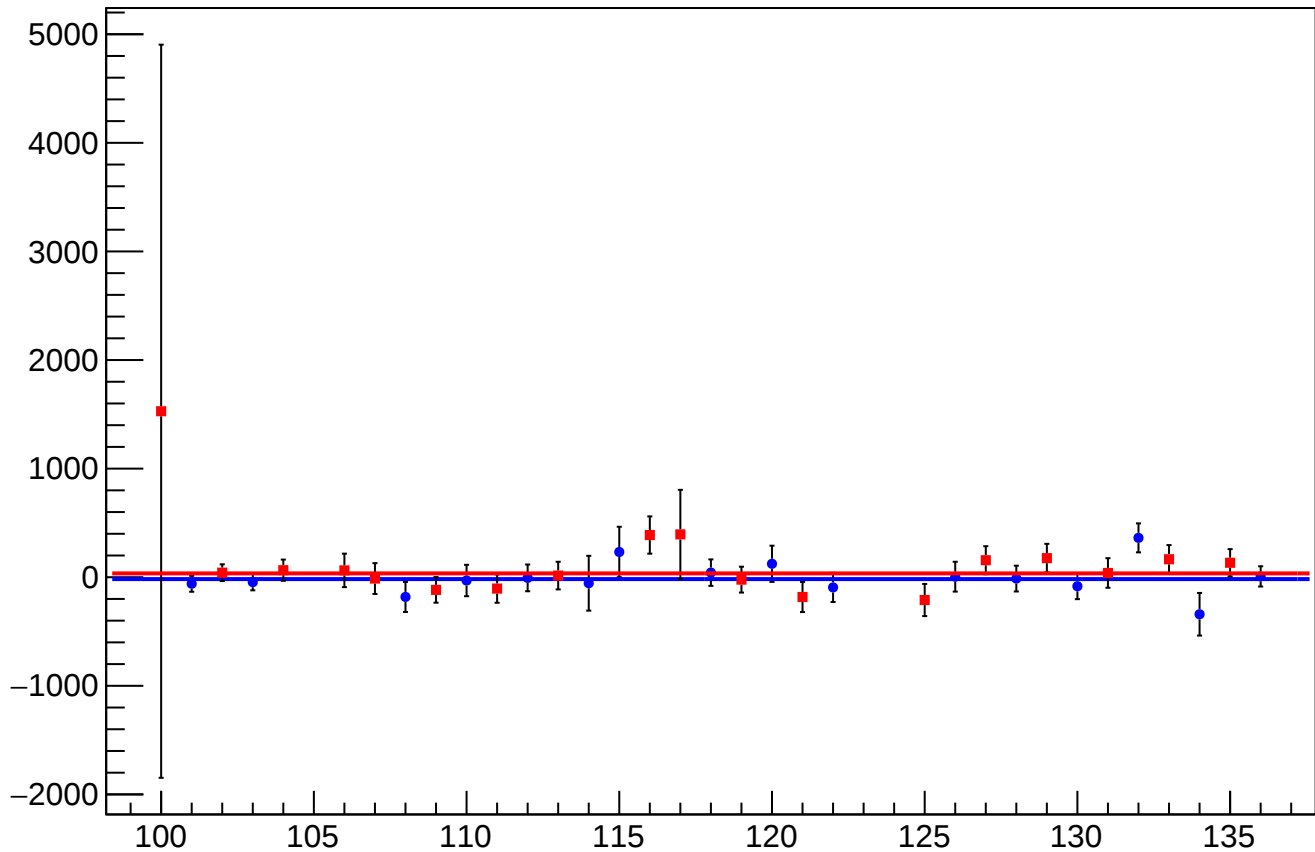
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1111.221 $\pm$ 0.217 χ^2 /NDF: 612953.9/33

1117.837 $\pm$ 0.307 χ^2 /NDF: 356533.1/17

reg_asym_ds_avg_mean vs Slug, Sign Corrected



Right In: -17.236 $\pm$ 29.988 χ^2 /NDF: 15.6/15

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

Right Out: 35.168 $\pm$ 30.729 χ^2 /NDF: 17.3/17

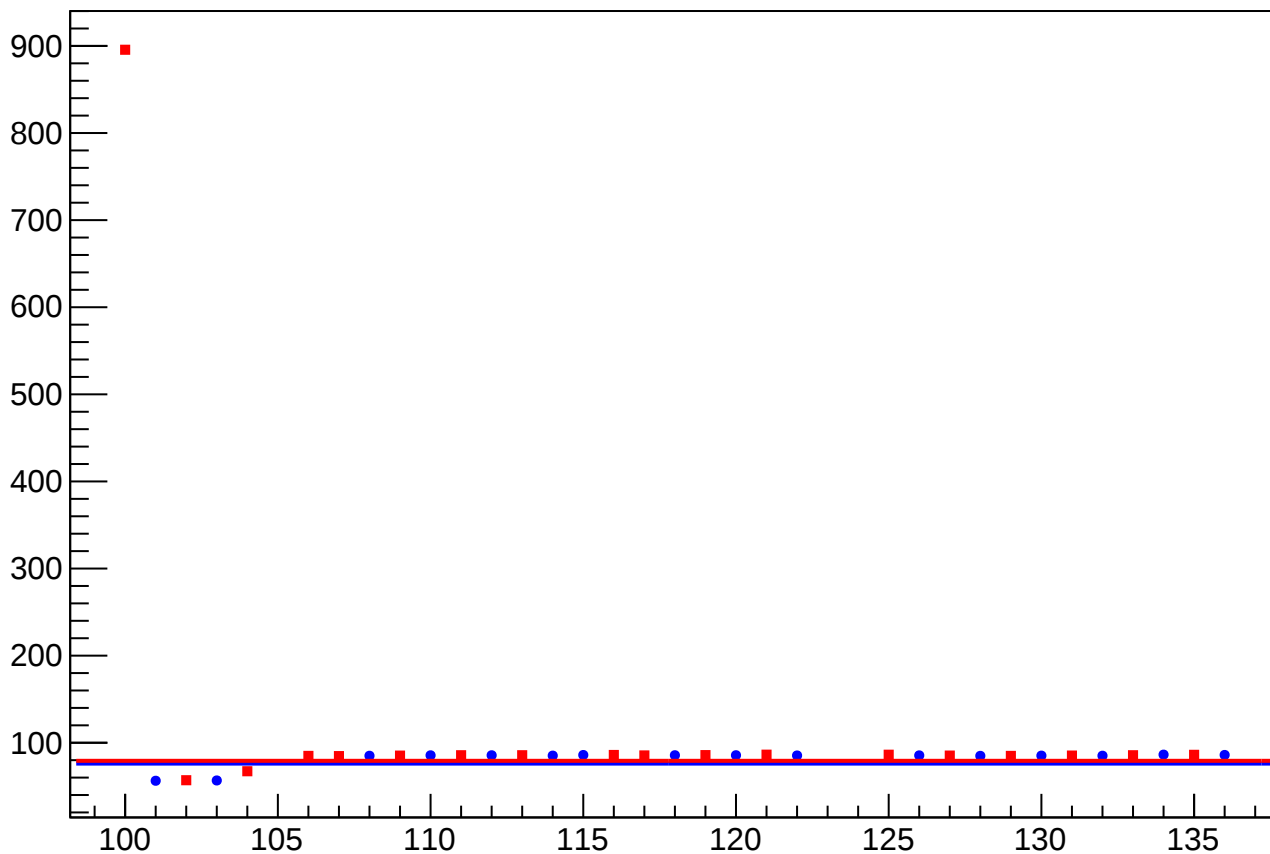
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-17.236 $\pm$ 29.988 χ^2 /NDF: 15.6/15

8.326 $\pm$ 21.462 χ^2 /NDF: 34.4/33

35.168 $\pm$ 30.729 χ^2 /NDF: 17.3/17

reg_asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 76.079+/-0.021 χ^2/NDF : 409170.8/15

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

Right Out: 79.269+/-0.022 χ^2/NDF : 376853.1/17

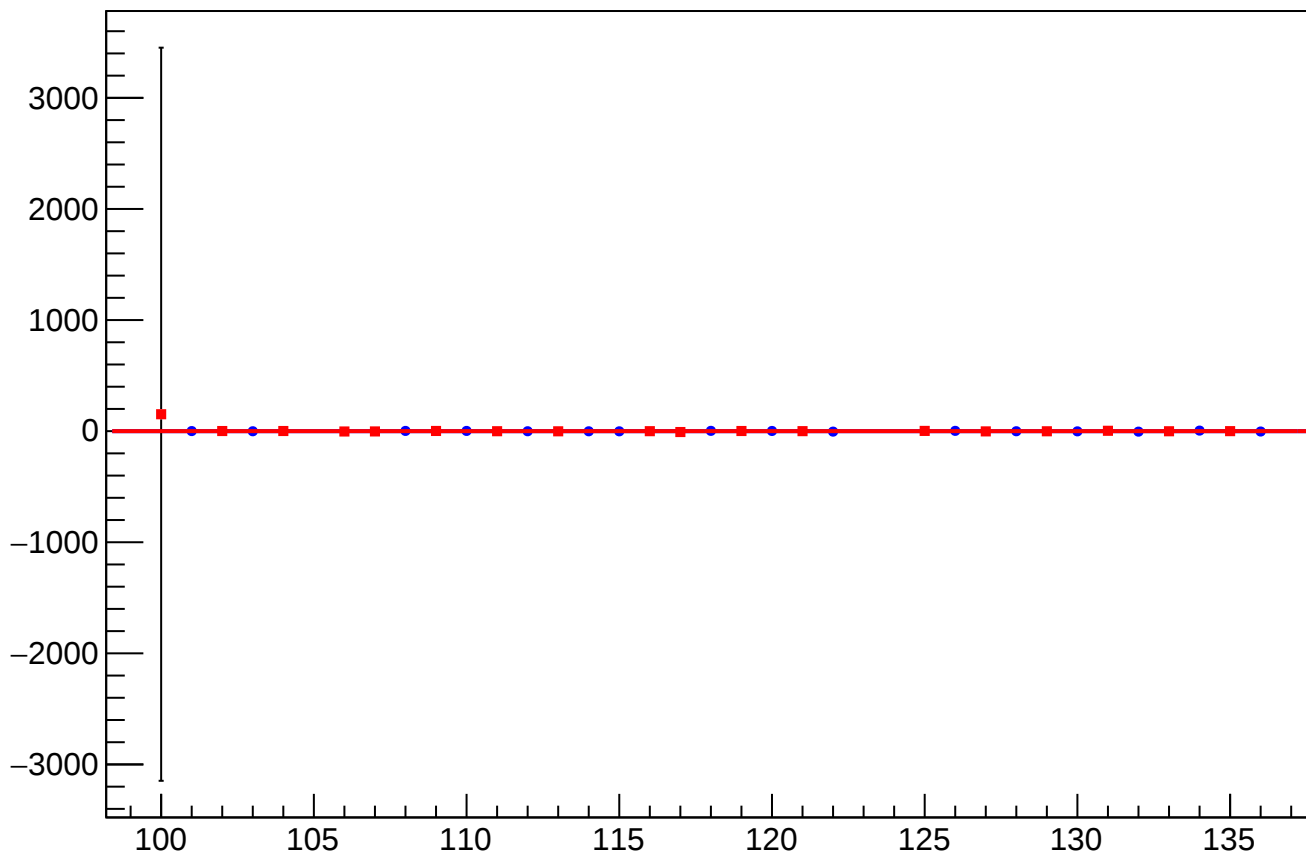
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

76.079+/-0.021 χ^2/NDF : 409170.8/15

77.635+/-0.015 χ^2/NDF : 797065.3/33

79.269+/-0.022 χ^2/NDF : 376853.1/17

asym_ds_avg_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 0.044+/-0.531 χ^2 /NDF: 9.8/17

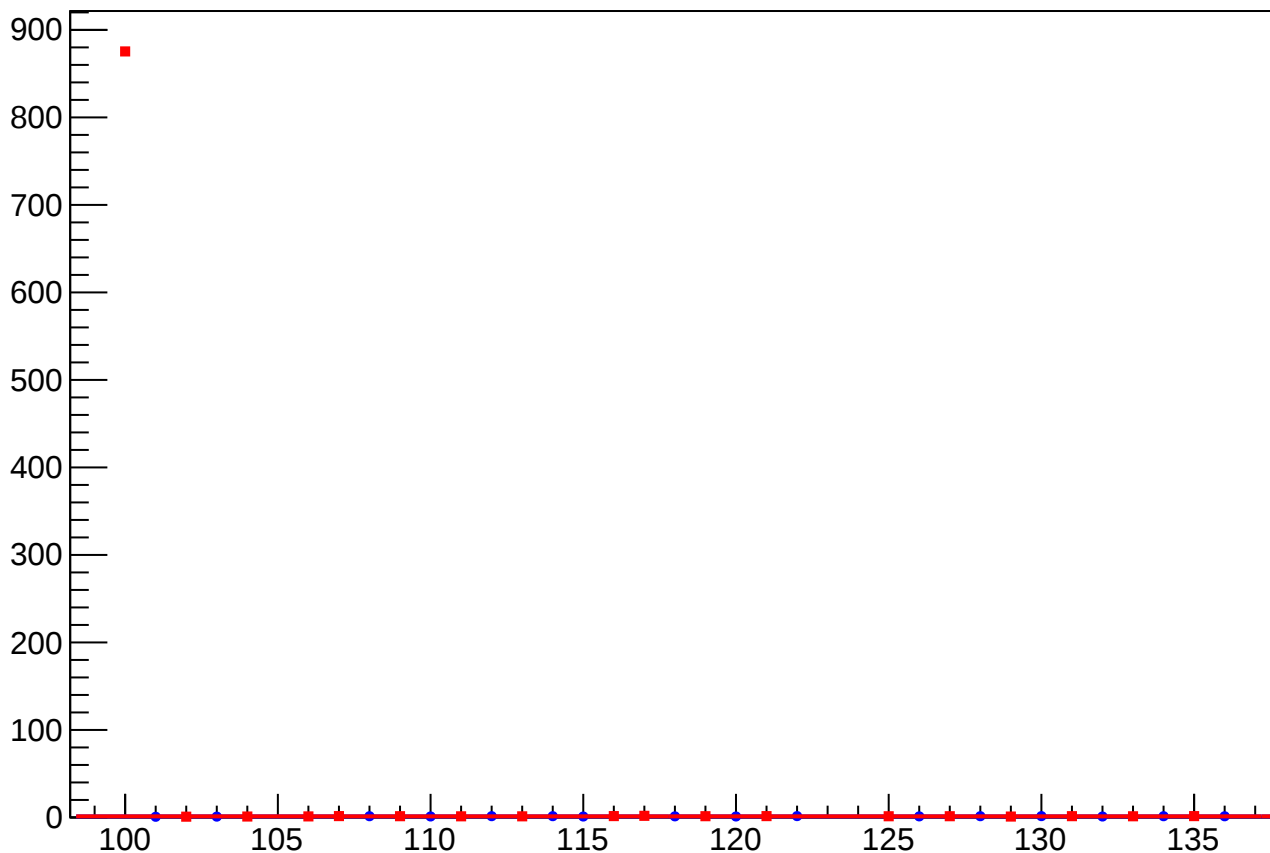
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.281+/-0.501 χ^2 /NDF: 21.2/15

-0.128+/-0.364 χ^2 /NDF: 31.1/33

0.044+/-0.531 χ^2 /NDF: 9.8/17

asym_ds_avg_correction_rms vs Slug, Sign Corrected



Right In: 1.152+/-0.000 χ^2/NDF : 514348.9/15

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

Right Out: 1.259+/-0.000 χ^2/NDF : 508259.1/17

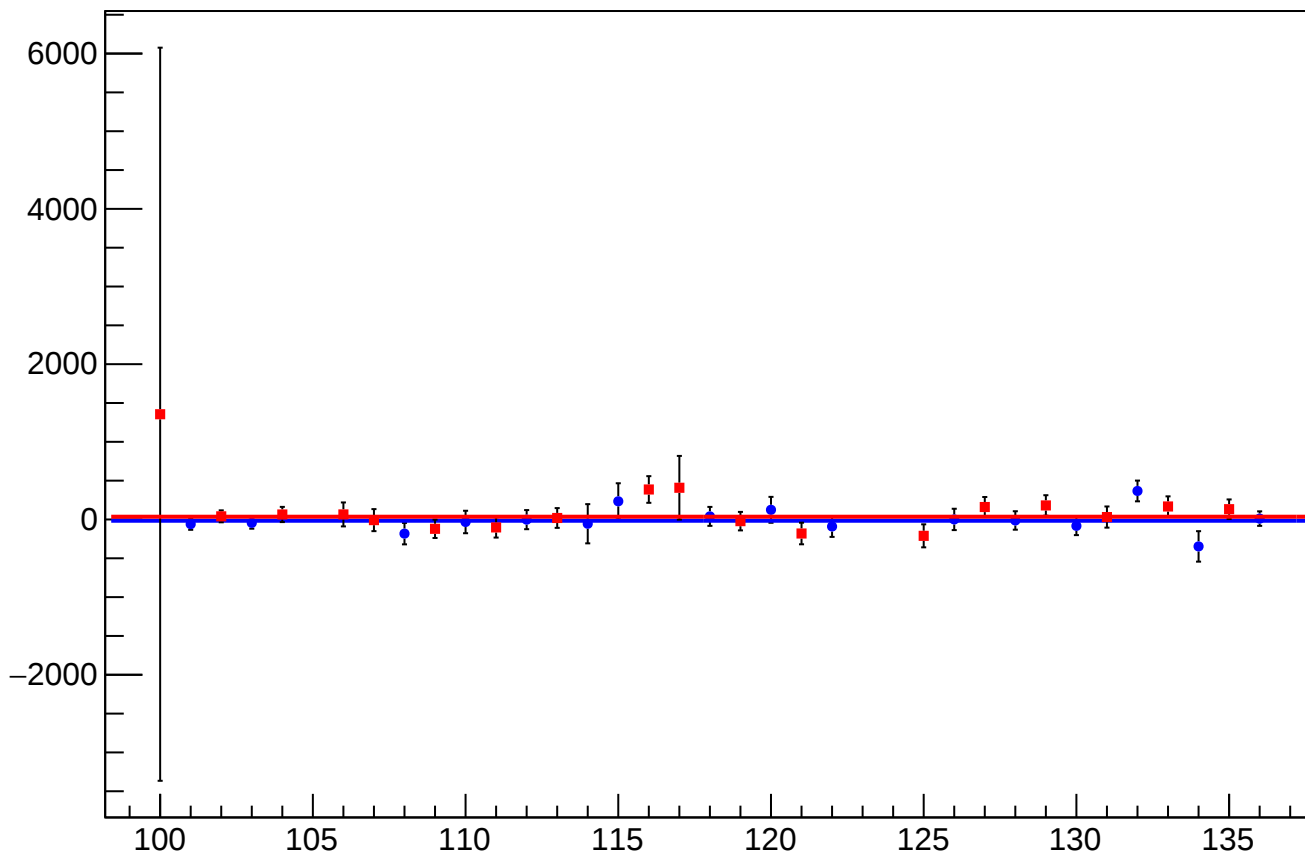
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.152+/-0.000 χ^2/NDF : 514348.9/15

1.203+/-0.000 χ^2/NDF : 1065399.8/33

1.259+/-0.000 χ^2/NDF : 508259.1/17

asym_ds_avg_mean vs Slug, Sign Corrected



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

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

Right Out: 35.484 $\pm$ 30.738 χ^2 /NDF: 17.4/17

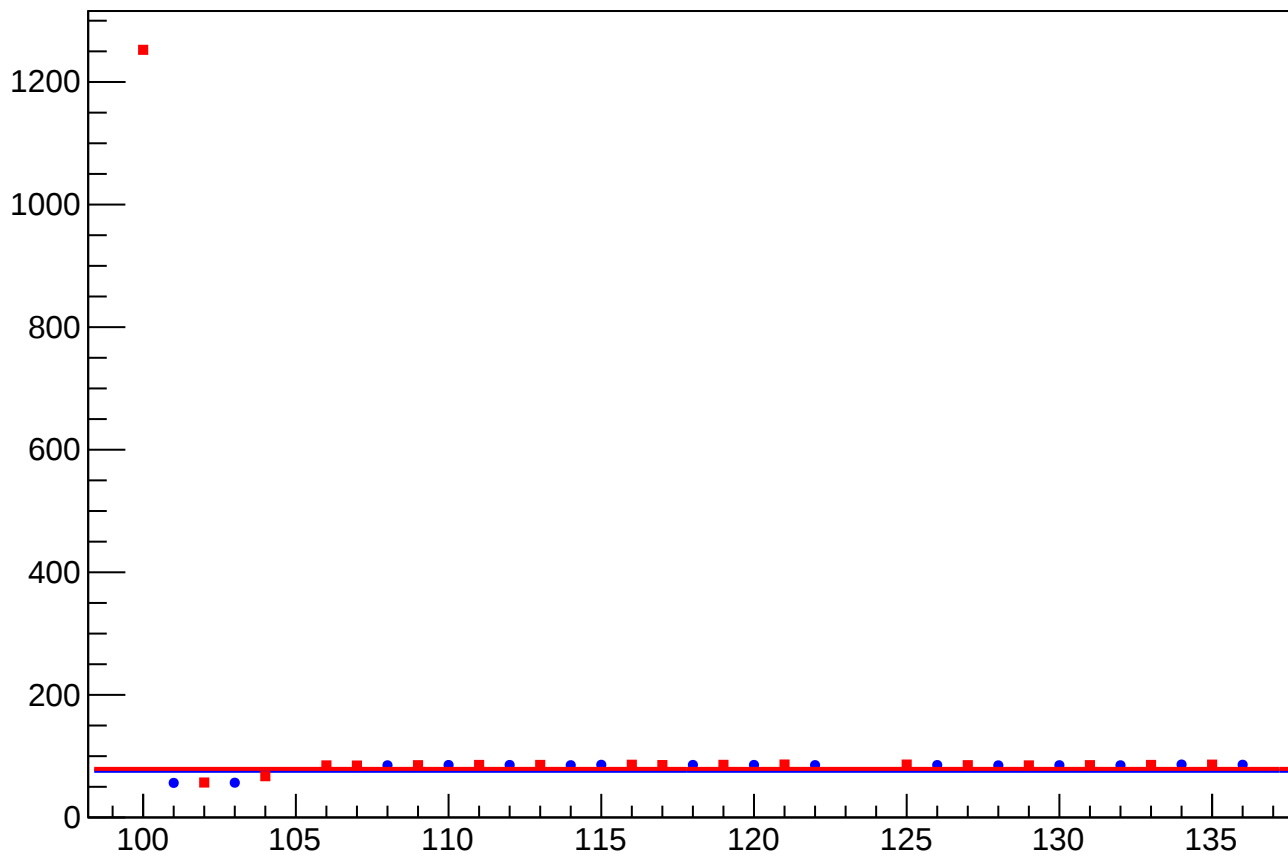
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

8.953 $\pm$ 21.468 χ^2 /NDF: 34.7/33

35.484 $\pm$ 30.738 χ^2 /NDF: 17.4/17

asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 76.099+/-0.021 χ^2/NDF : 409200.9/15

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

Right Out: 79.273+/-0.022 χ^2/NDF : 383371.0/17

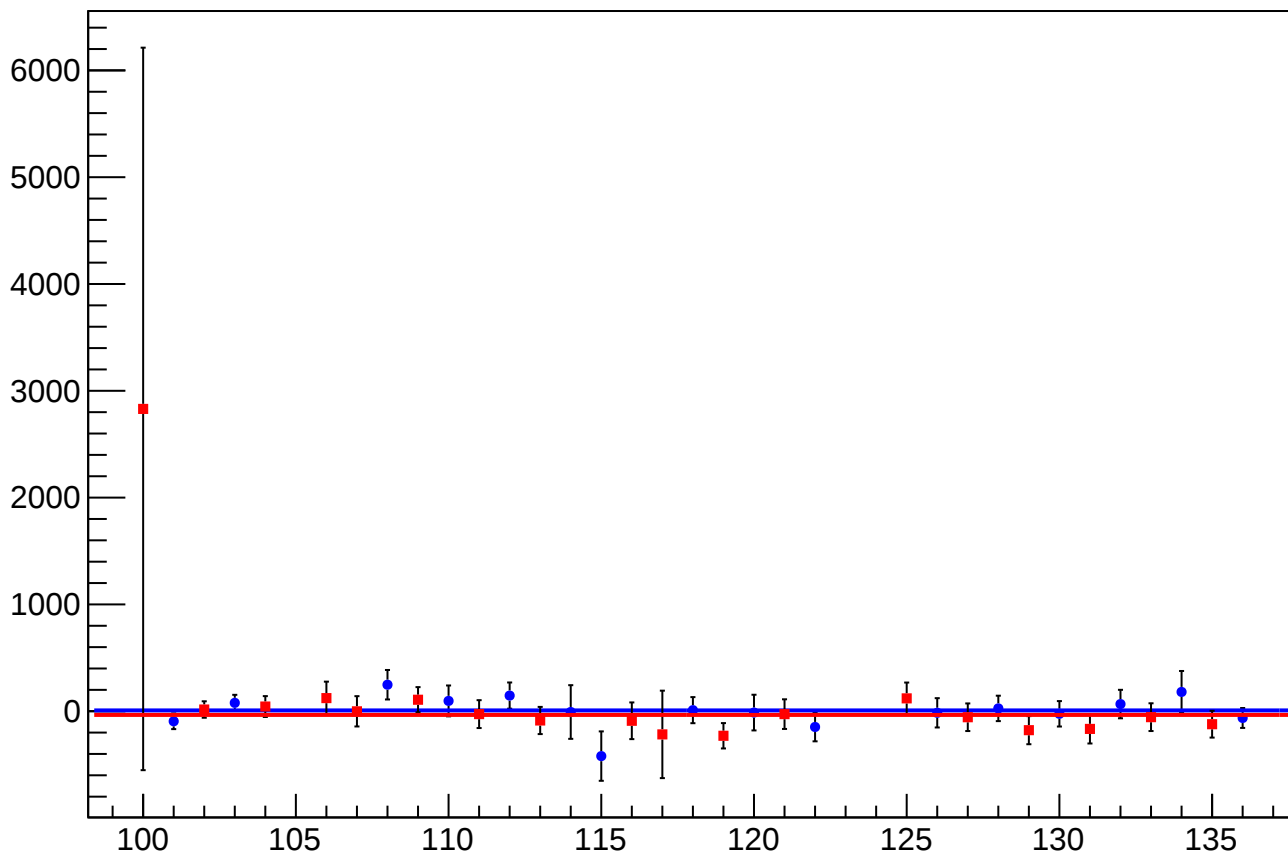
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

76.099+/-0.021 χ^2/NDF : 409200.9/15

77.647+/-0.015 χ^2/NDF : 803492.2/33

79.273+/-0.022 χ^2/NDF : 383371.0/17

reg_asym_ds_dd_mean vs Slug, Sign Corrected



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

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

Right Out: -34.674+/-30.711 χ^2 /NDF: 11.3/17

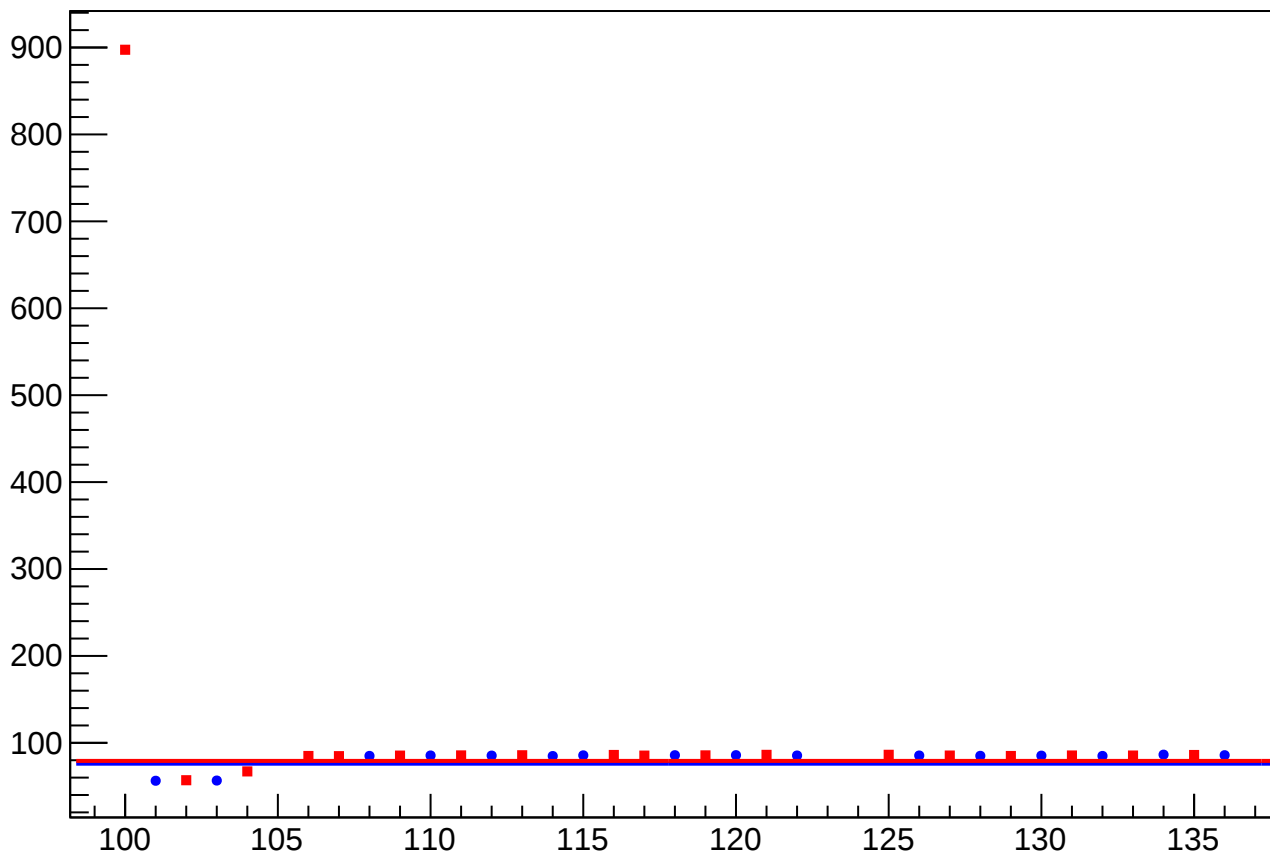
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

7.460+/-29.969 χ^2 /NDF: 13.9/15

-13.092+/-21.449 χ^2 /NDF: 26.2/33

-34.674+/-30.711 χ^2 /NDF: 11.3/17

reg_asym_ds_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 79.223 $\pm$ 0.022 χ^2 /NDF: 376758.5/17

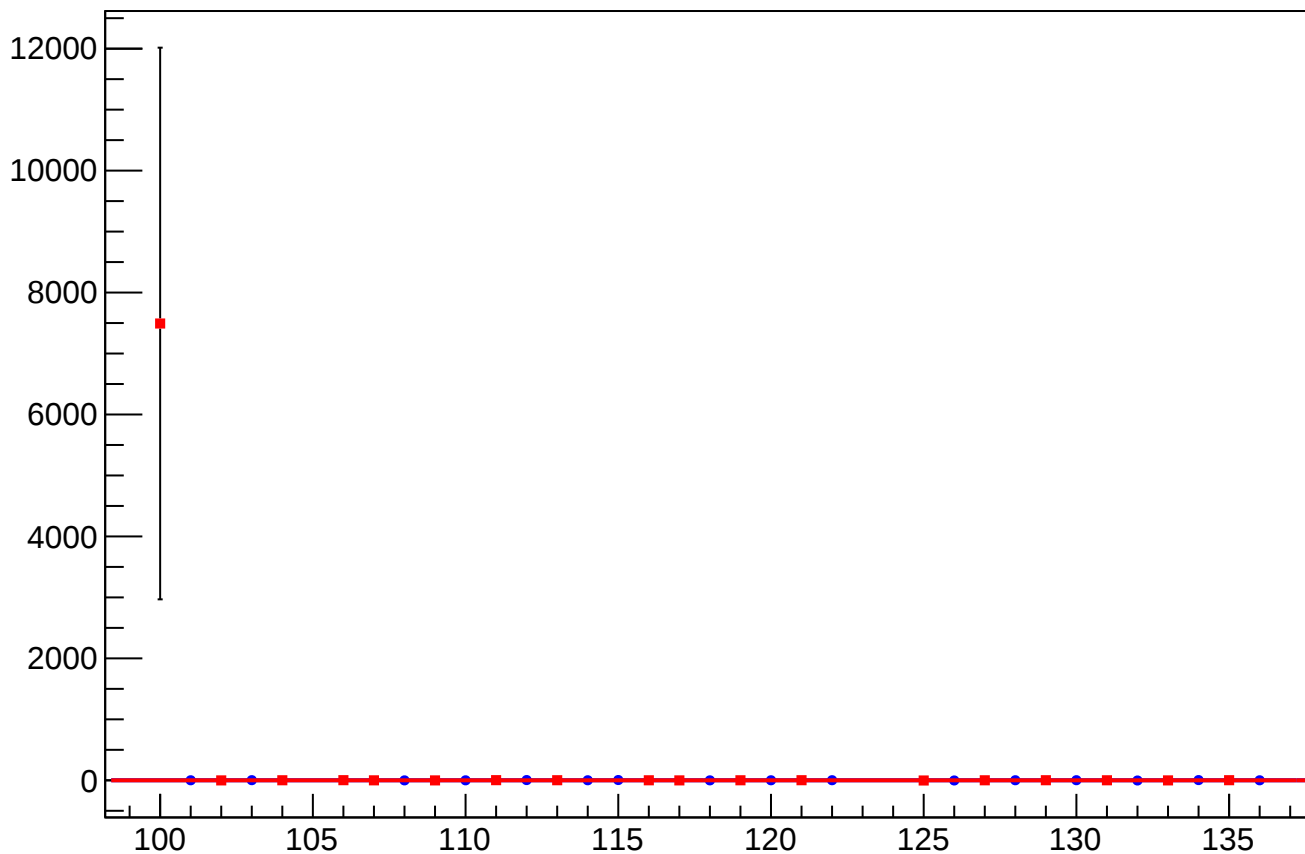
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

77.589 $\pm$ 0.015 χ^2 /NDF: 796740.5/33

79.223 $\pm$ 0.022 χ^2 /NDF: 376758.5/17

asym_ds_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.911+/-0.532 χ^2/NDF : 12.0/15

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

Right Out: 0.179+/-0.553 χ^2/NDF : 10.4/17

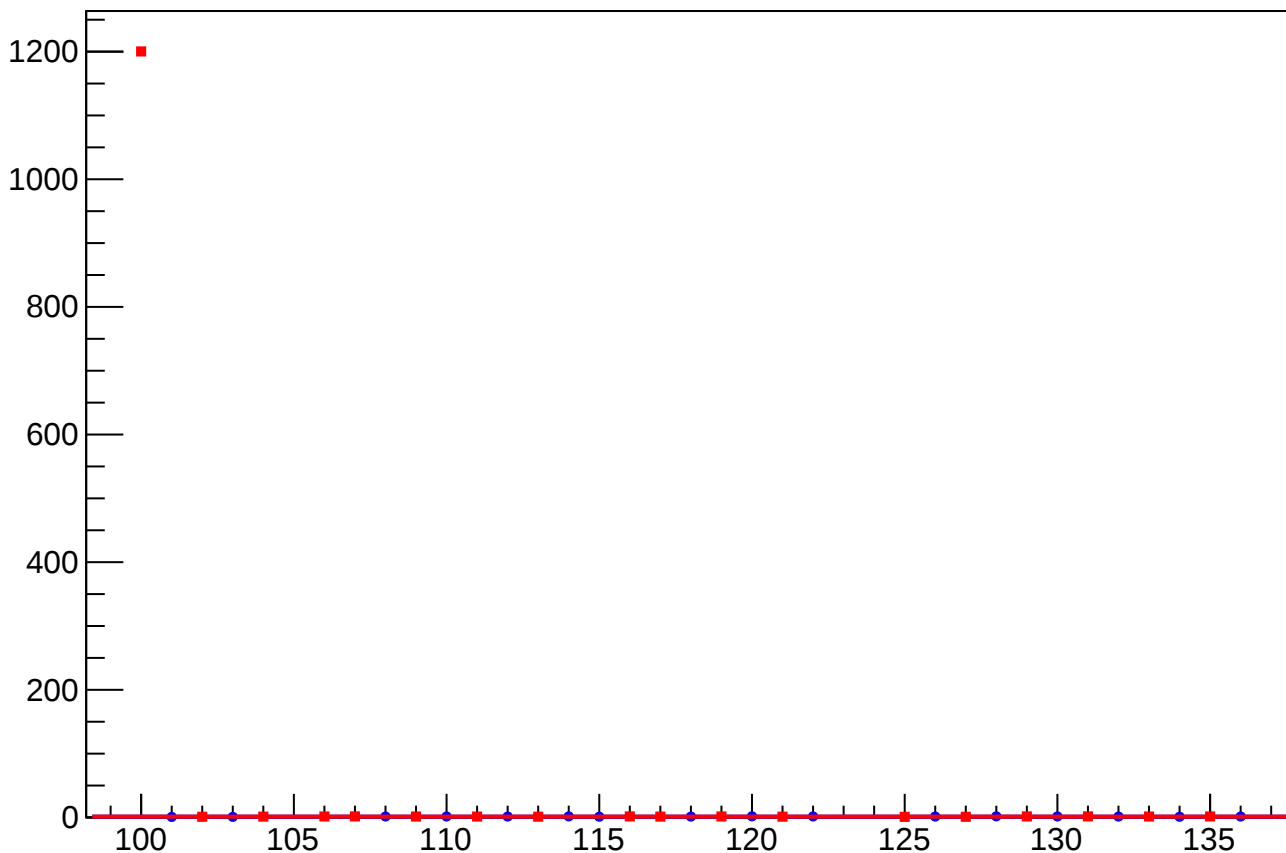
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.911+/-0.532 χ^2/NDF : 12.0/15

0.559+/-0.383 χ^2/NDF : 23.3/33

0.179+/-0.553 χ^2/NDF : 10.4/17

asym_ds_dd_correction_rms vs Slug, Sign Corrected



Right In: 1.238+/-0.000 χ^2/NDF : 657848.9/15

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

Right Out: 1.314+/-0.000 χ^2/NDF : 517549.8/17

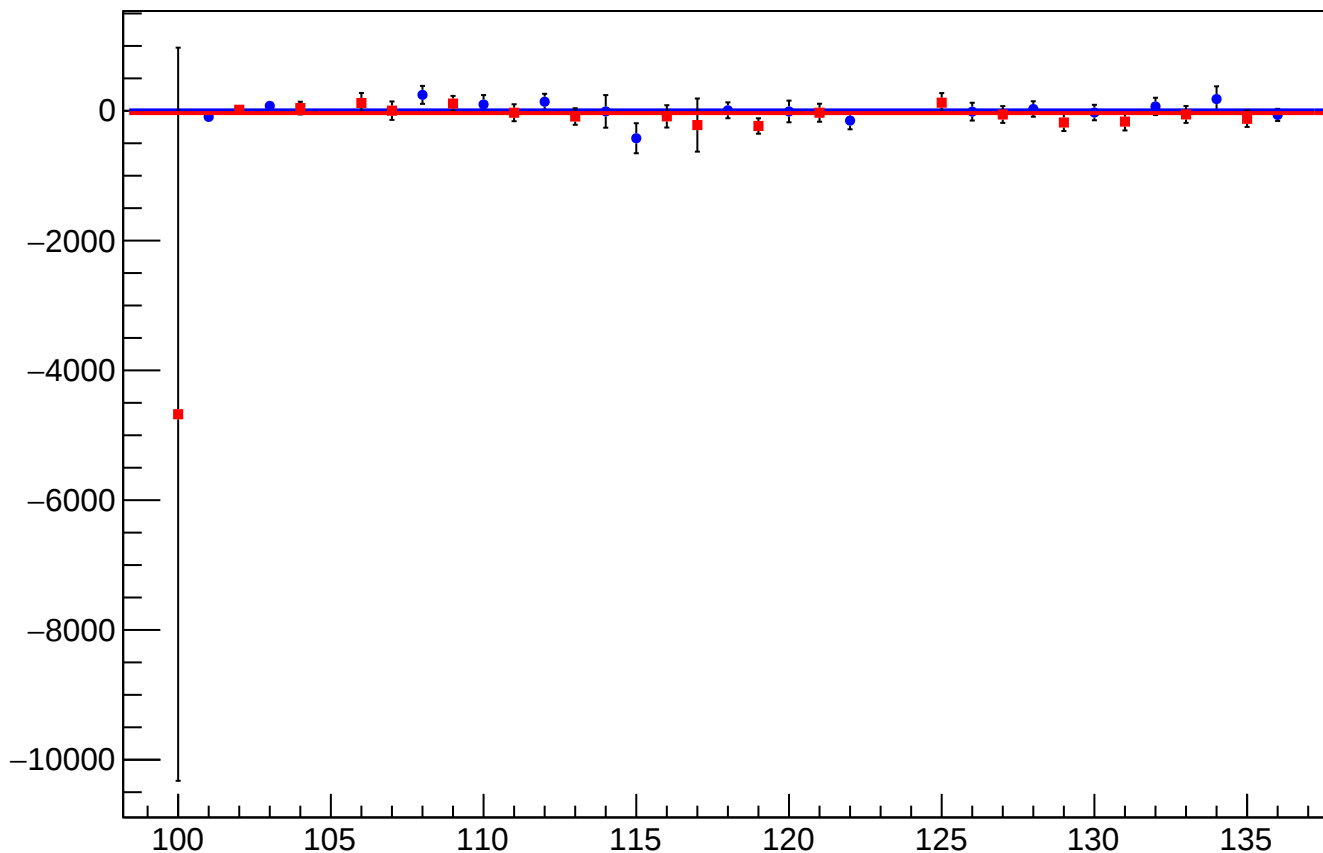
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.238+/-0.000 χ^2/NDF : 657848.9/15

1.274+/-0.000 χ^2/NDF : 1195073.7/33

1.314+/-0.000 χ^2/NDF : 517549.8/17

asym_ds_dd_mean vs Slug, Sign Corrected



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

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

Right Out: -35.162+/-30.721 χ^2 /NDF: 11.5/17

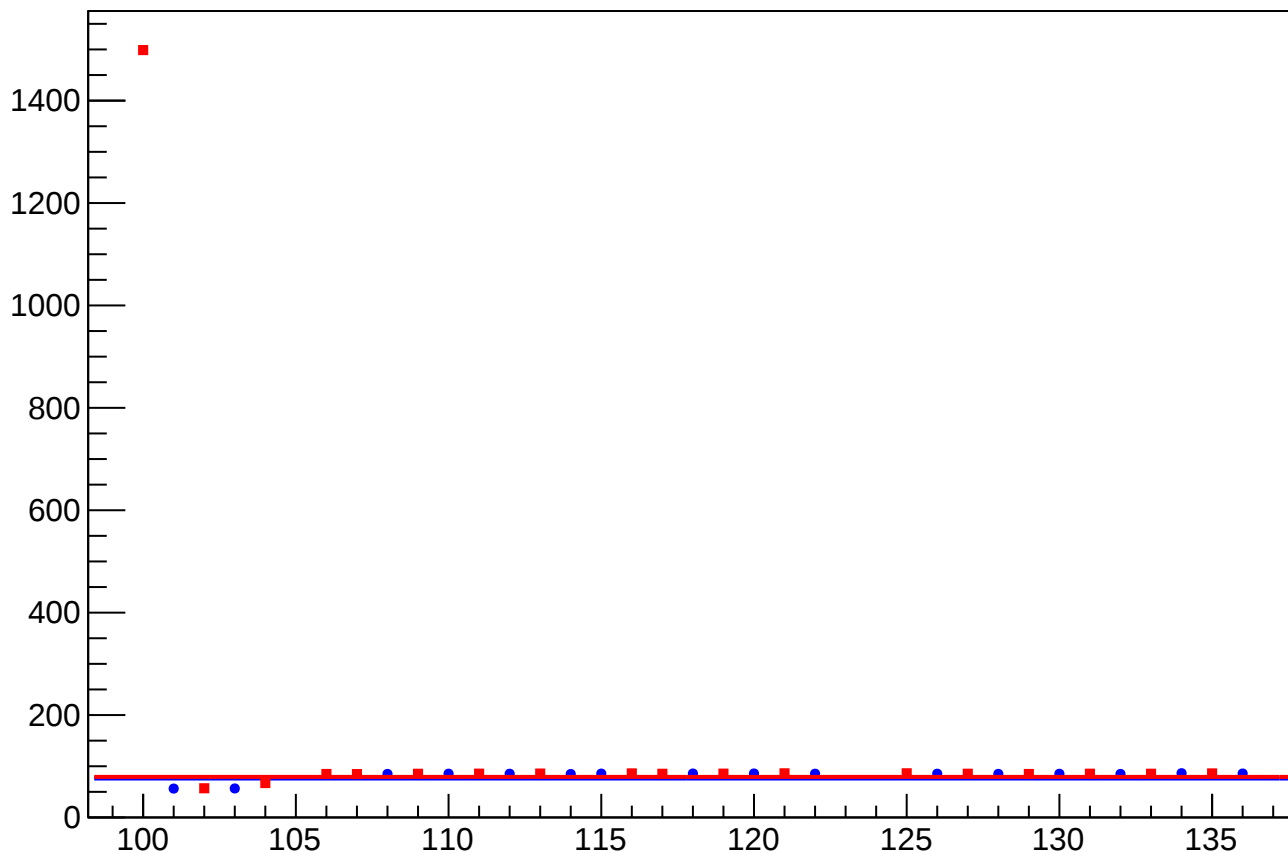
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

6.781+/-29.977 χ^2 /NDF: 13.8/15

-13.677+/-21.455 χ^2 /NDF: 26.3/33

-35.162+/-30.721 χ^2 /NDF: 11.5/17

asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 76.052 $\pm$ 0.021 χ^2 /NDF: 408962.1/15

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

Right Out: 79.220 $\pm$ 0.022 χ^2 /NDF: 386006.4/17

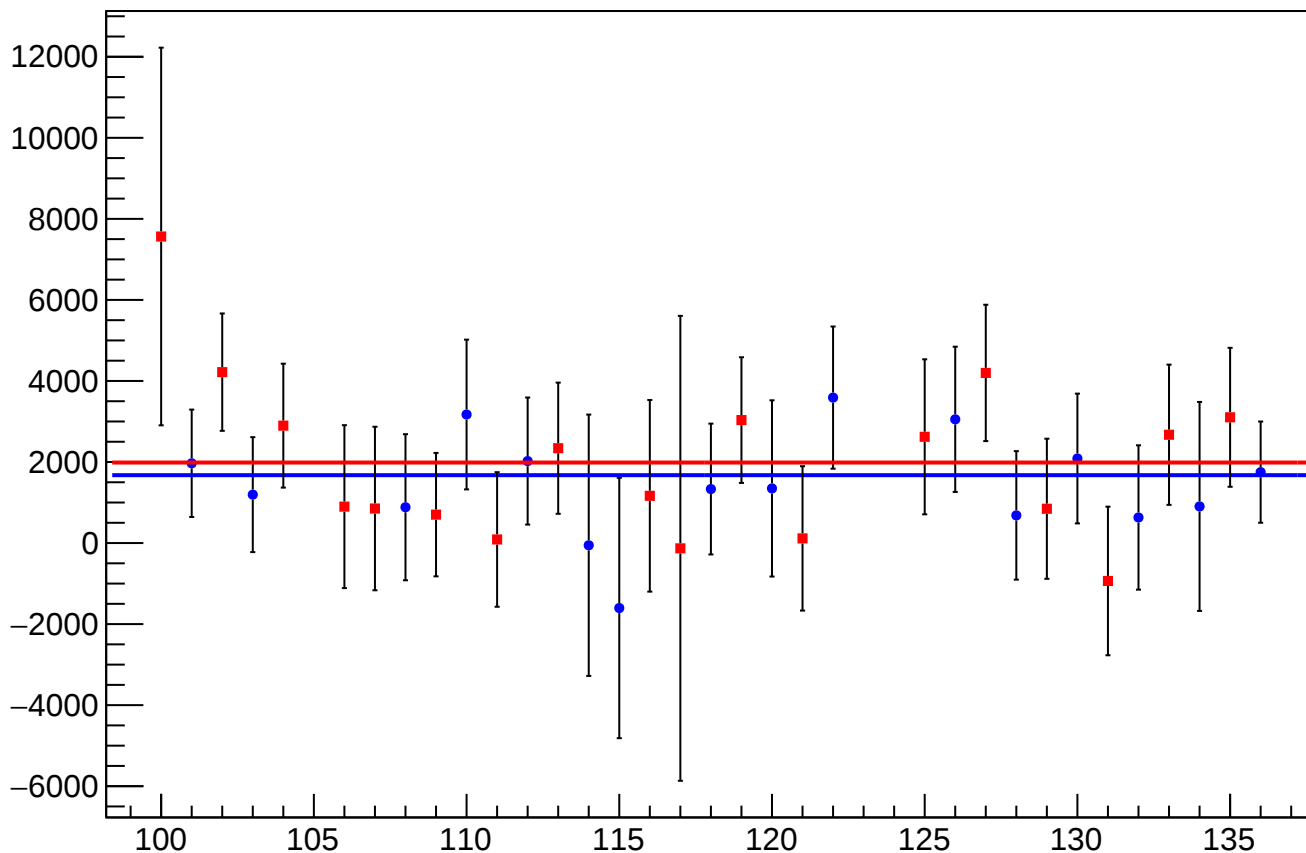
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

76.052 $\pm$ 0.021 χ^2 /NDF: 408962.1/15

77.597 $\pm$ 0.015 χ^2 /NDF: 805858.5/33

79.220 $\pm$ 0.022 χ^2 /NDF: 386006.4/17

reg_asym_usl_mean vs Slug, Sign Corrected



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

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

Right Out: 1987.139 $\pm$ 426.678 χ^2 /NDF: 14.0/17

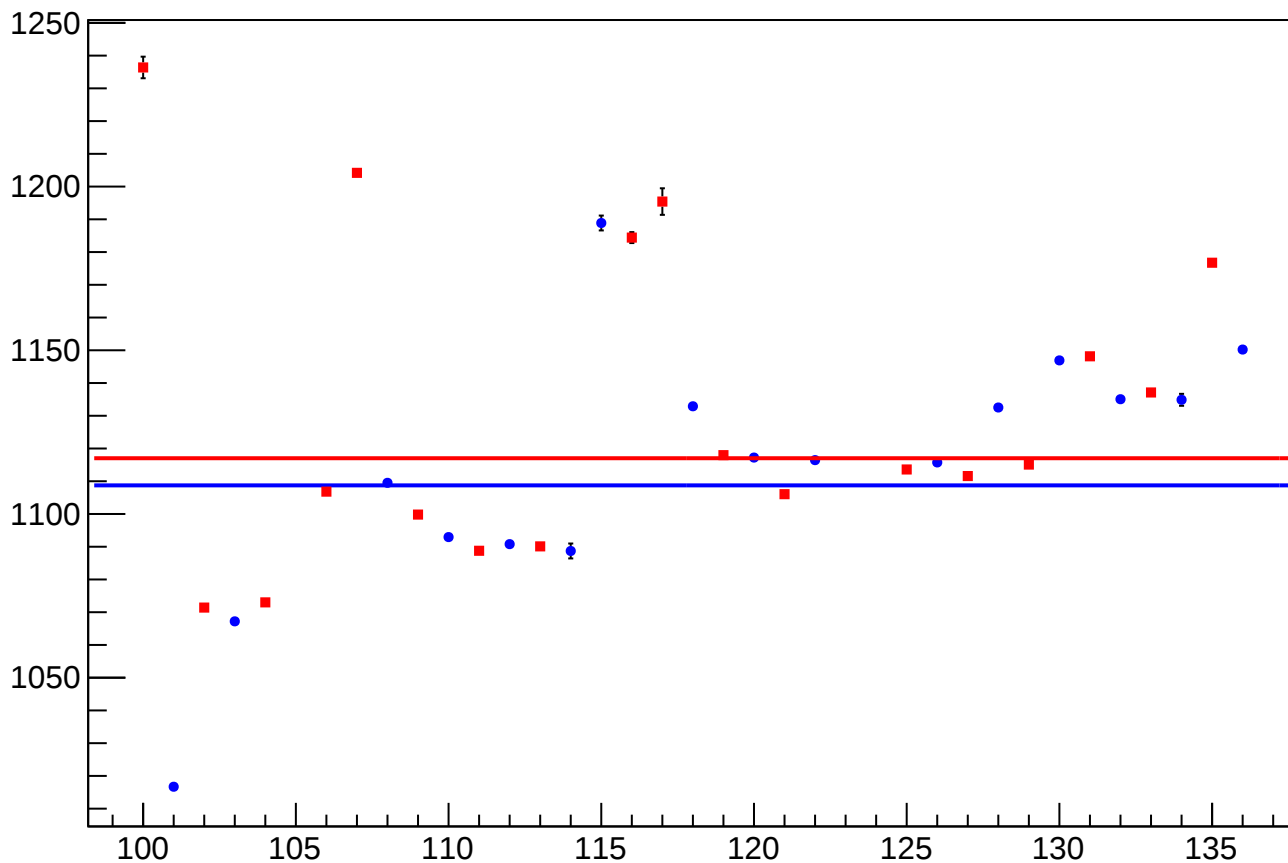
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1832.493 $\pm$ 303.083 χ^2 /NDF: 19.4/33

1987.139 $\pm$ 426.678 χ^2 /NDF: 14.0/17

reg_asym_usl_rms vs Slug, Sign Corrected



Right In: 1108.739 $\pm$ 0.304 χ^2 /NDF: 18080.7/15

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

Right Out: 1117.029 $\pm$ 0.302 χ^2 /NDF: 15505.2/17

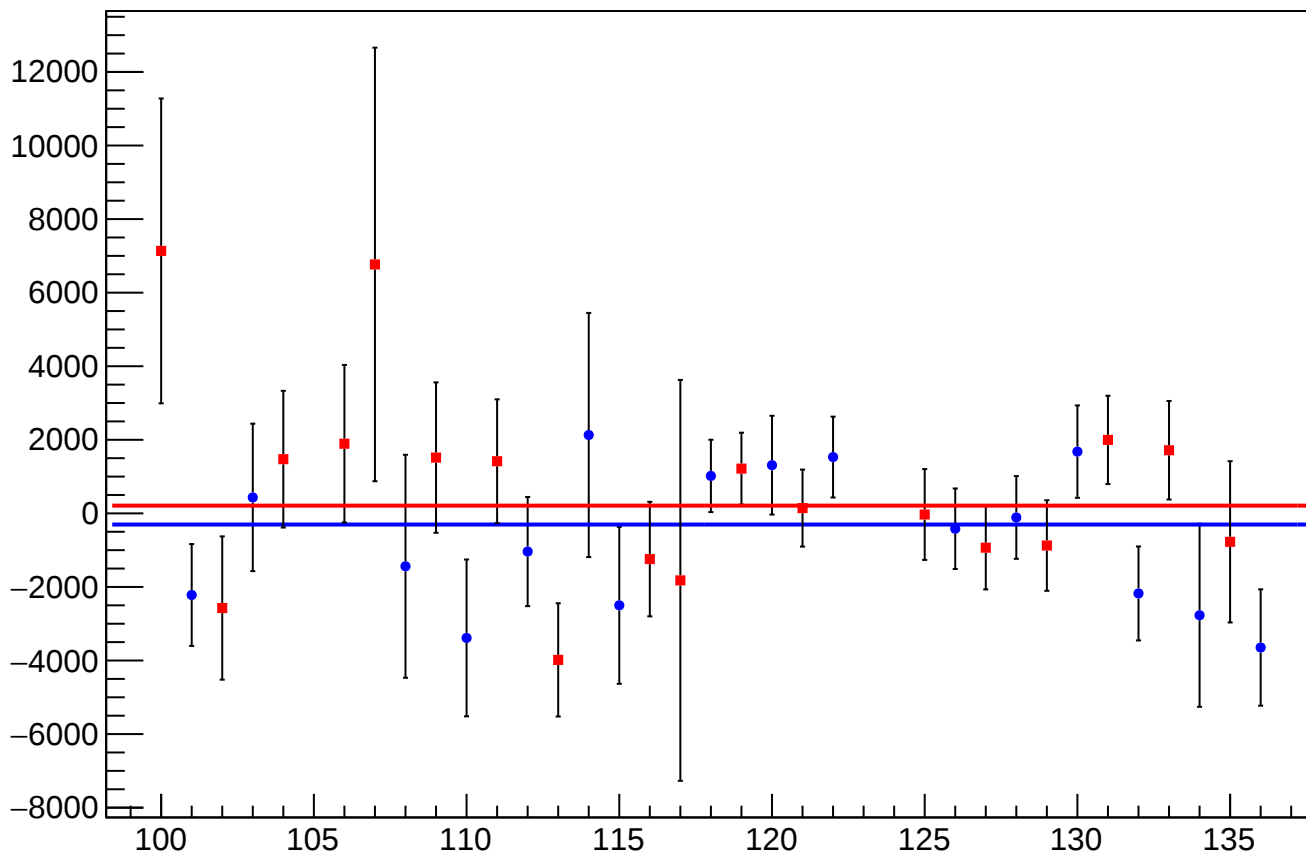
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1108.739 $\pm$ 0.304 χ^2 /NDF: 18080.7/15

1112.922 $\pm$ 0.214 χ^2 /NDF: 33960.0/33

1117.029 $\pm$ 0.302 χ^2 /NDF: 15505.2/17

asym_usl_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 210.396+/-357.315 χ^2 /NDF: 23.1/17

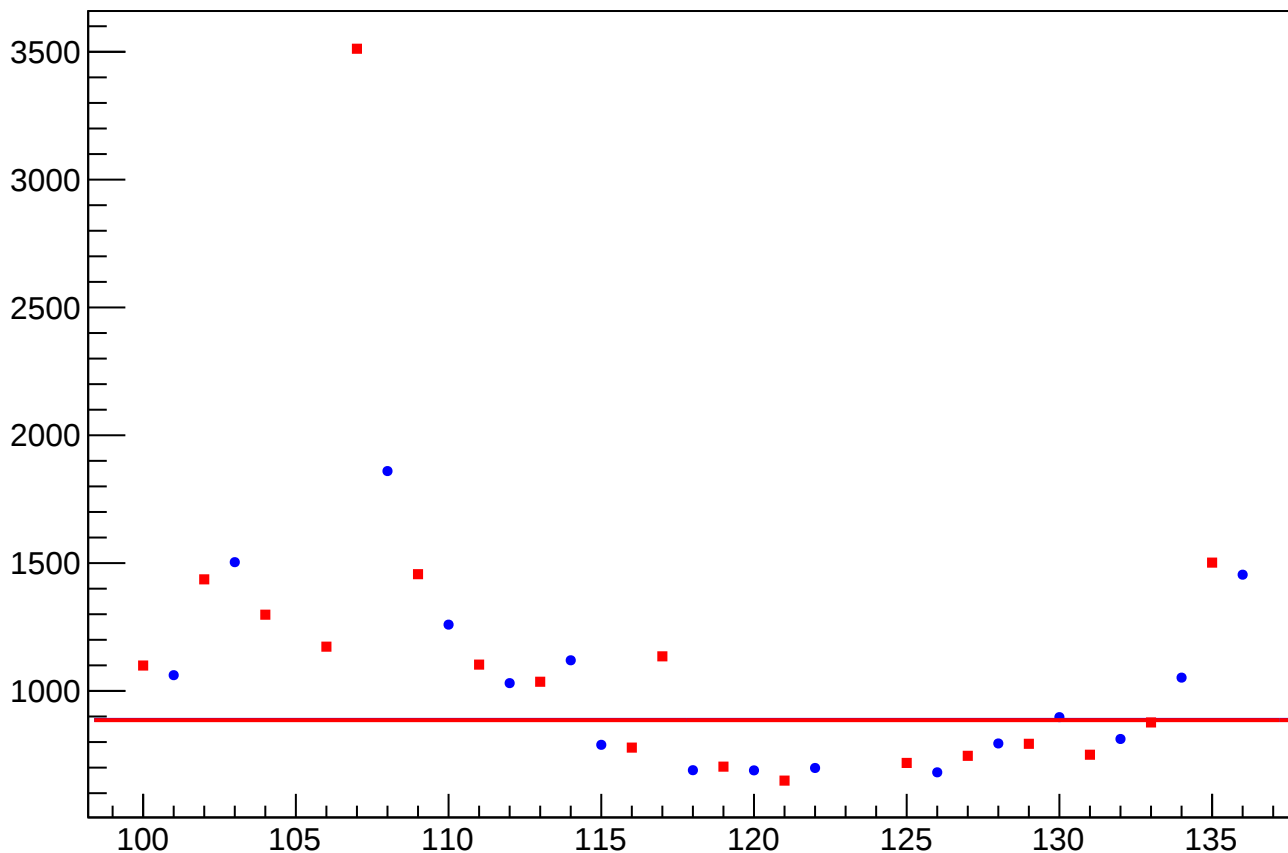
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-303.335+/-360.068 χ^2 /NDF: 22.3/15

-44.498+/-253.628 χ^2 /NDF: 46.4/33

210.396+/-357.315 χ^2 /NDF: 23.1/17

asym_usl_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 885.673+/-0.253 χ^2/NDF : 1352396.3/17

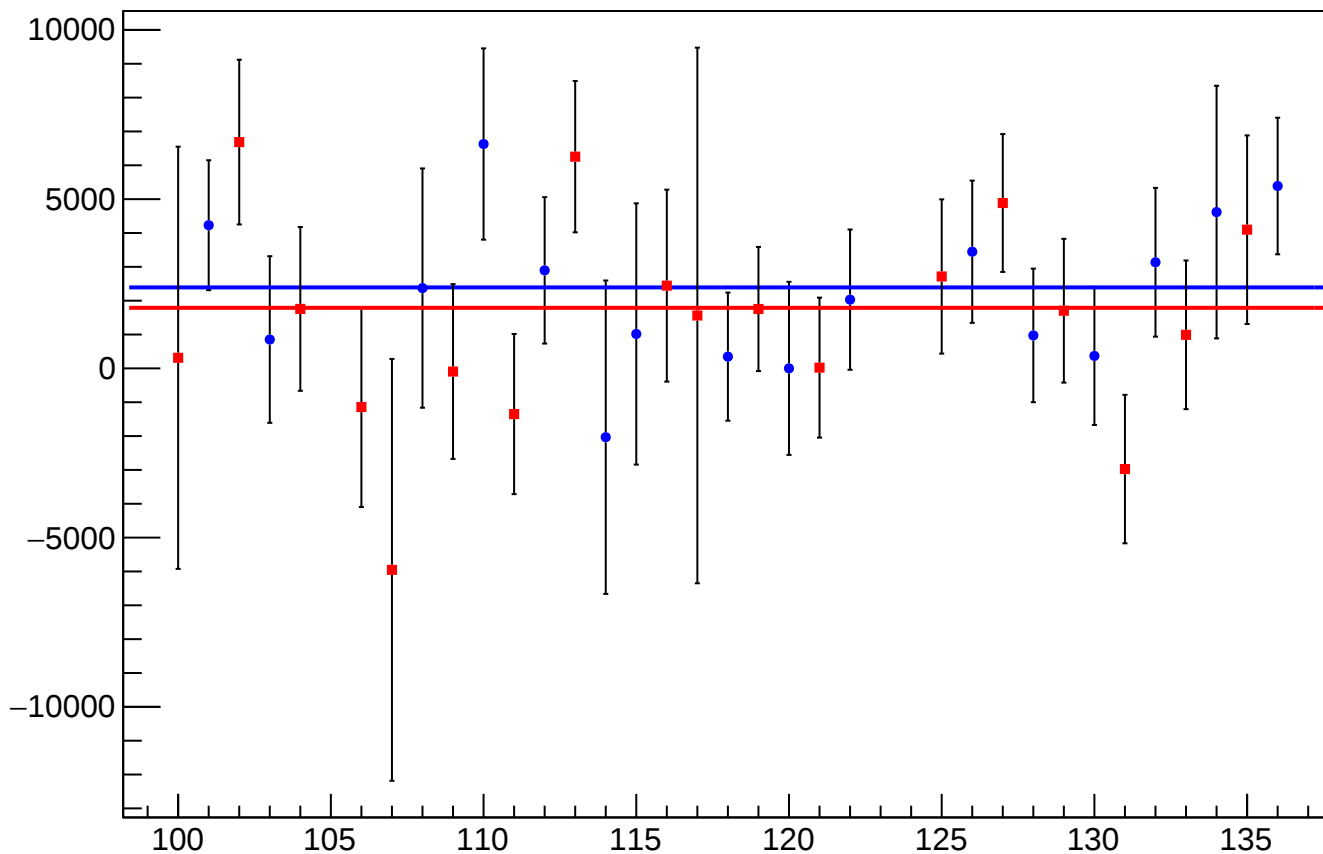
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

886.178+/-0.179 χ^2/NDF : 2413268.6/33

885.673+/-0.253 χ^2/NDF : 1352396.3/17

asym_usl_mean vs Slug, Sign Corrected



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

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

Right Out: 1789.342 $\pm$ 586.681 χ^2 /NDF: 21.7/17

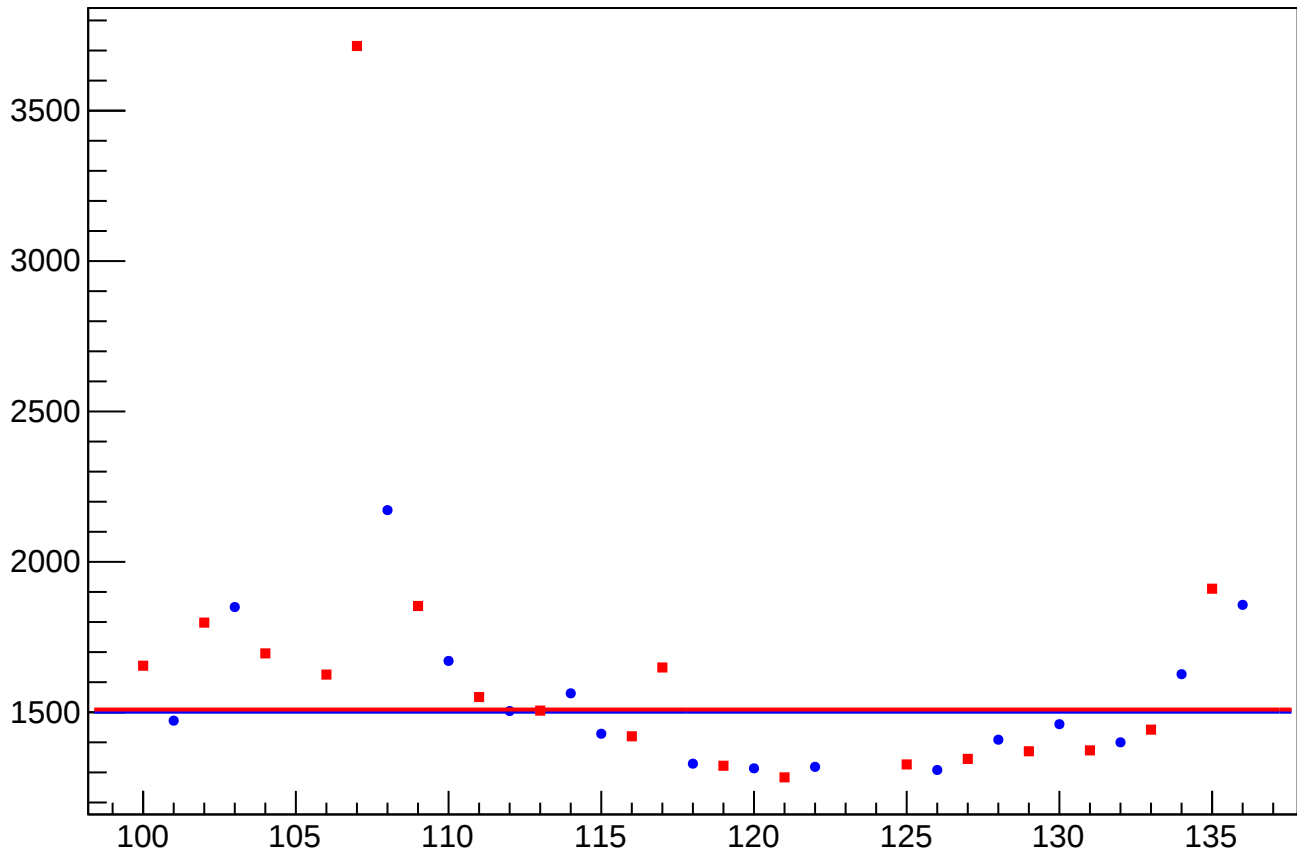
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

2089.679 $\pm$ 415.660 χ^2 /NDF: 33.4/33

1789.342 $\pm$ 586.681 χ^2 /NDF: 21.7/17

asym_usl_rms vs Slug, Sign Corrected



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

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

Right Out: 1509.053 $\pm$ 0.415 χ^2 /NDF: 463655.9/17

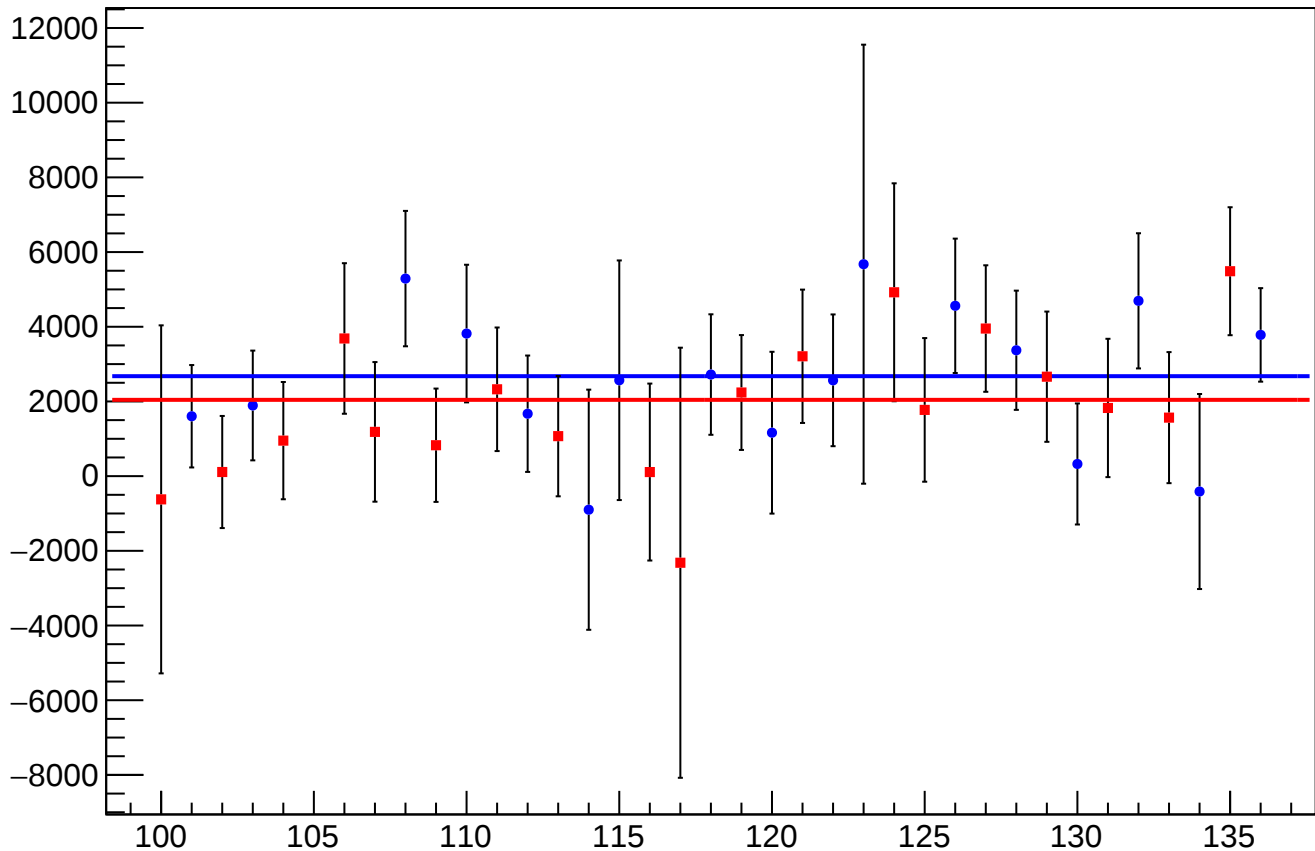
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1505.509 $\pm$ 0.294 χ^2 /NDF: 718352.1/33

1509.053 $\pm$ 0.415 χ^2 /NDF: 463655.9/17

reg_asym_usr_mean vs Slug, Sign Corrected



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

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

Right Out: 2042.901+/-423.333 χ^2/NDF : 12.6/18

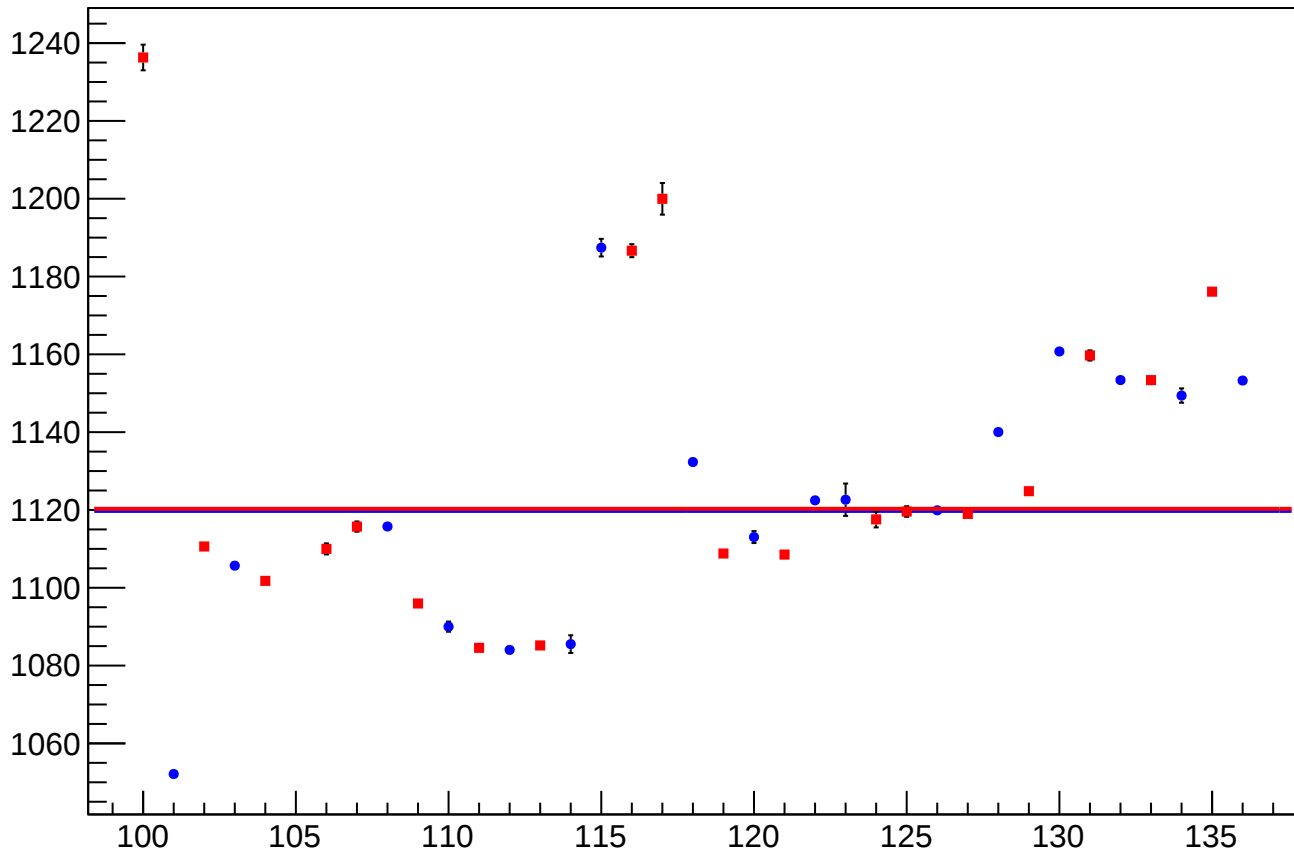
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2676.683+/-433.582 χ^2/NDF : 12.6/16

2352.213+/-302.900 χ^2/NDF : 26.3/35

2042.901+/-423.333 χ^2/NDF : 12.6/18

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1119.762 $\pm$ 0.307 χ^2 /NDF: 11876.8/16

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

Right Out: 1120.292 $\pm$ 0.299 χ^2 /NDF: 9968.8/18

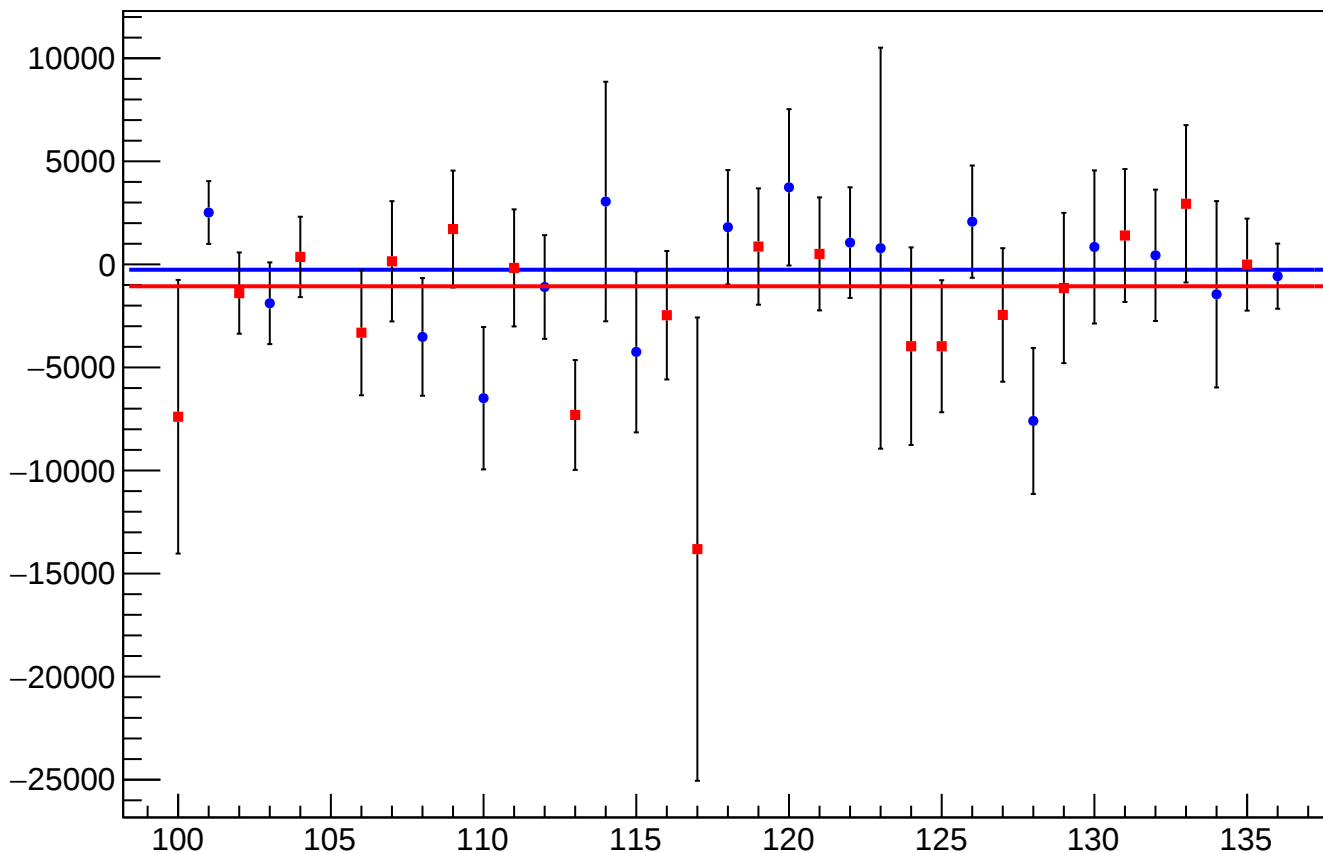
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1119.762 $\pm$ 0.307 χ^2 /NDF: 11876.8/16

1120.034 $\pm$ 0.214 χ^2 /NDF: 21847.2/35

1120.292 $\pm$ 0.299 χ^2 /NDF: 9968.8/18

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -259.821+/-655.275 χ^2/NDF : 17.2/16

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

Right Out: -1062.497+/-673.443 χ^2/NDF : 14.3/18

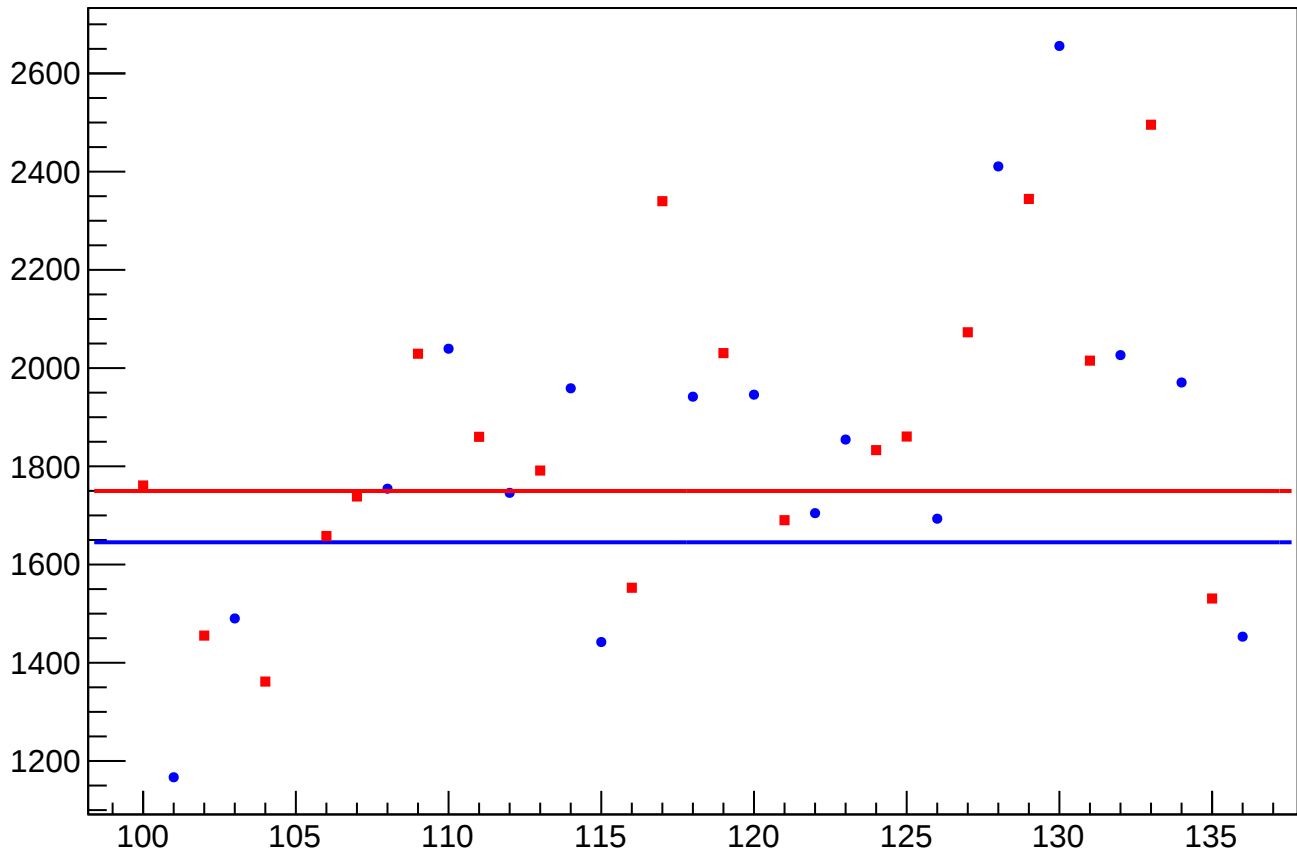
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-259.821+/-655.275 χ^2/NDF : 17.2/16

-650.186+/-469.641 χ^2/NDF : 32.2/35

-1062.497+/-673.443 χ^2/NDF : 14.3/18

asym_usr_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 1749.765+/-0.476 χ^2/NDF : 368204.6/18

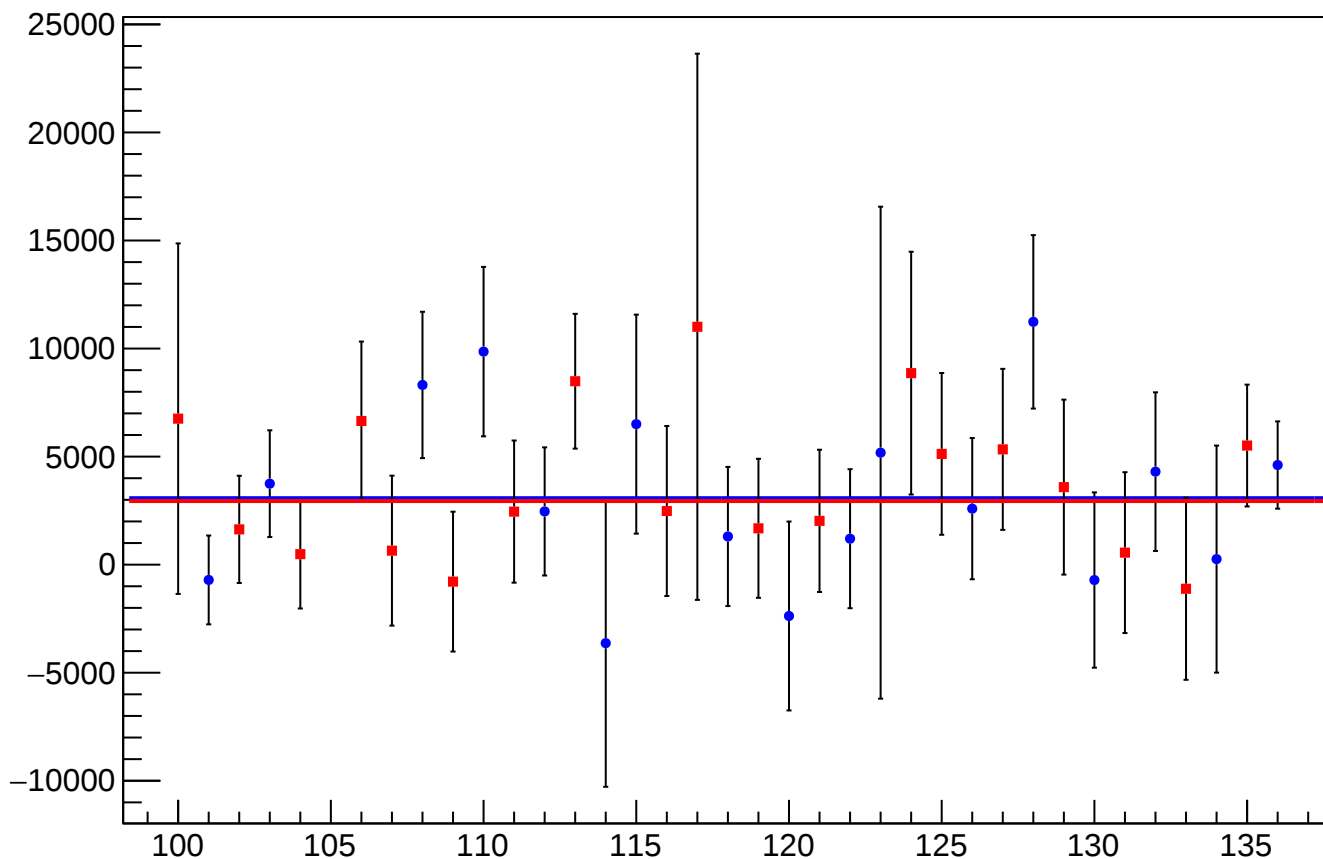
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1696.108+/-0.332 χ^2/NDF : 993837.2/35

1749.765+/-0.476 χ^2/NDF : 368204.6/18

asym_usr_mean vs Slug, Sign Corrected



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

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

Right Out: 2943.602 $\pm$ 807.339 χ^2 /NDF: 12.1/18

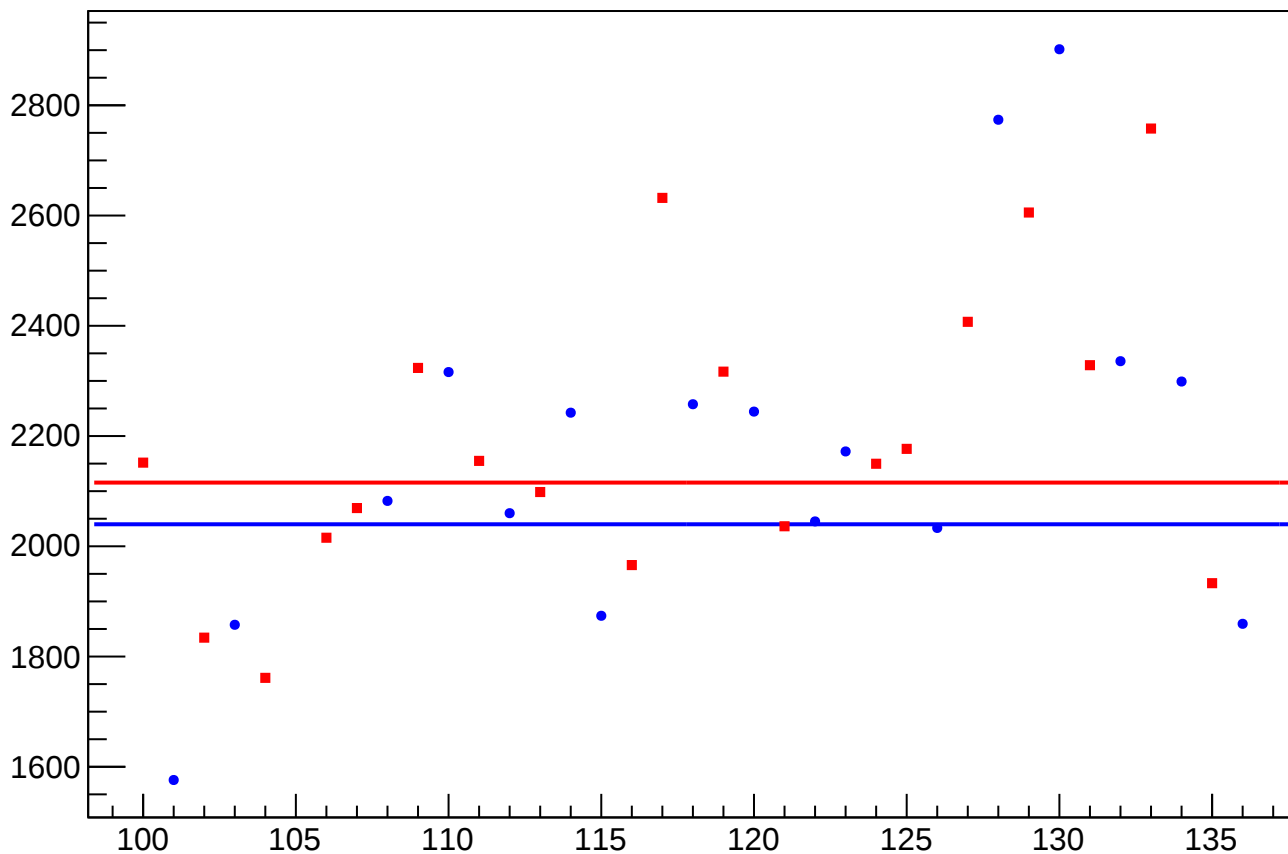
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

3009.918 $\pm$ 569.067 χ^2 /NDF: 30.8/35

2943.602 $\pm$ 807.339 χ^2 /NDF: 12.1/18

asym_usr_rms vs Slug, Sign Corrected



Right In: 2039.942 $\pm$ 0.567 χ^2 /NDF: 331984.0/16

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

Right Out: 2115.566 $\pm$ 0.571 χ^2 /NDF: 194715.3/18

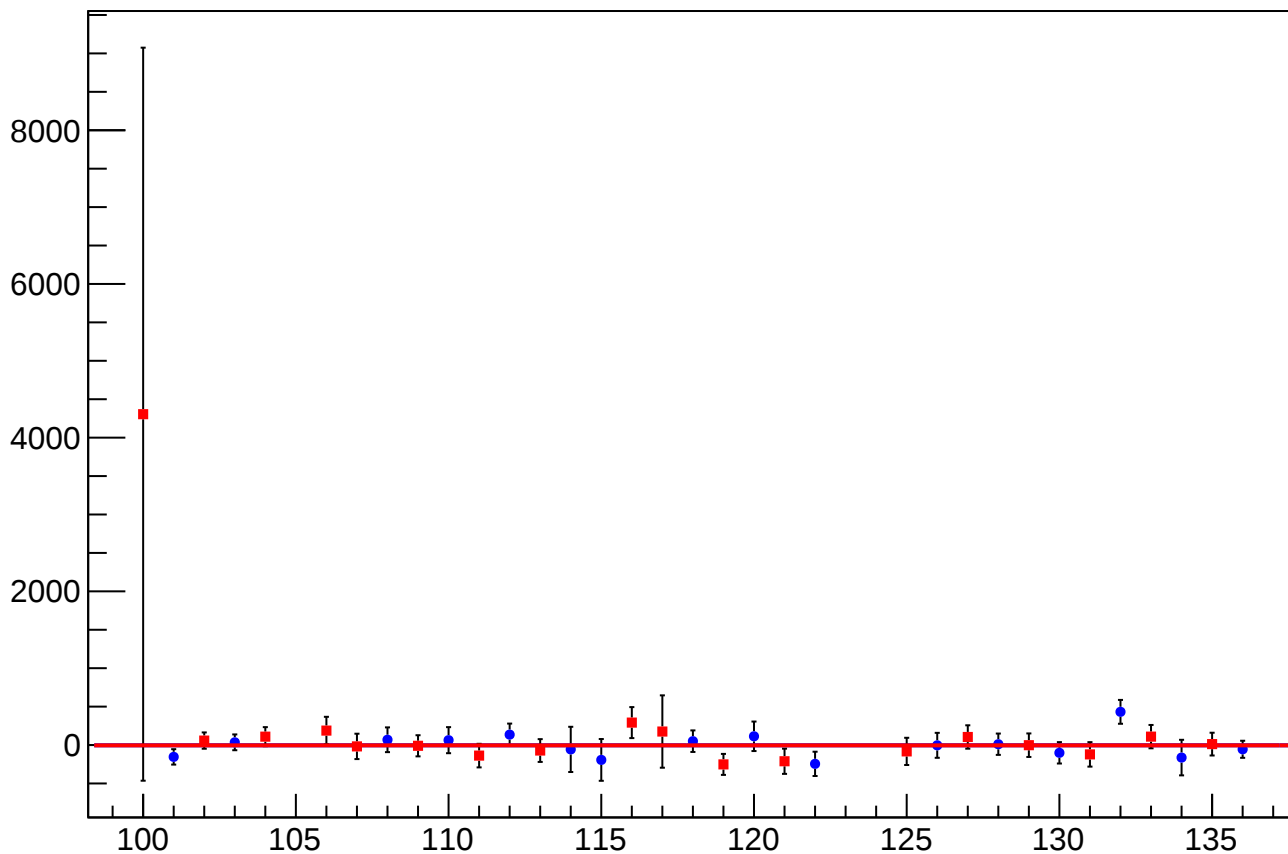
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2039.942 $\pm$ 0.567 χ^2 /NDF: 331984.0/16

2077.515 $\pm$ 0.402 χ^2 /NDF: 535529.0/35

2115.566 $\pm$ 0.571 χ^2 /NDF: 194715.3/18

reg_asym_dsl_mean vs Slug, Sign Corrected



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

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

Right Out: -4.154+/-37.041 χ^2/NDF : 13.1/17

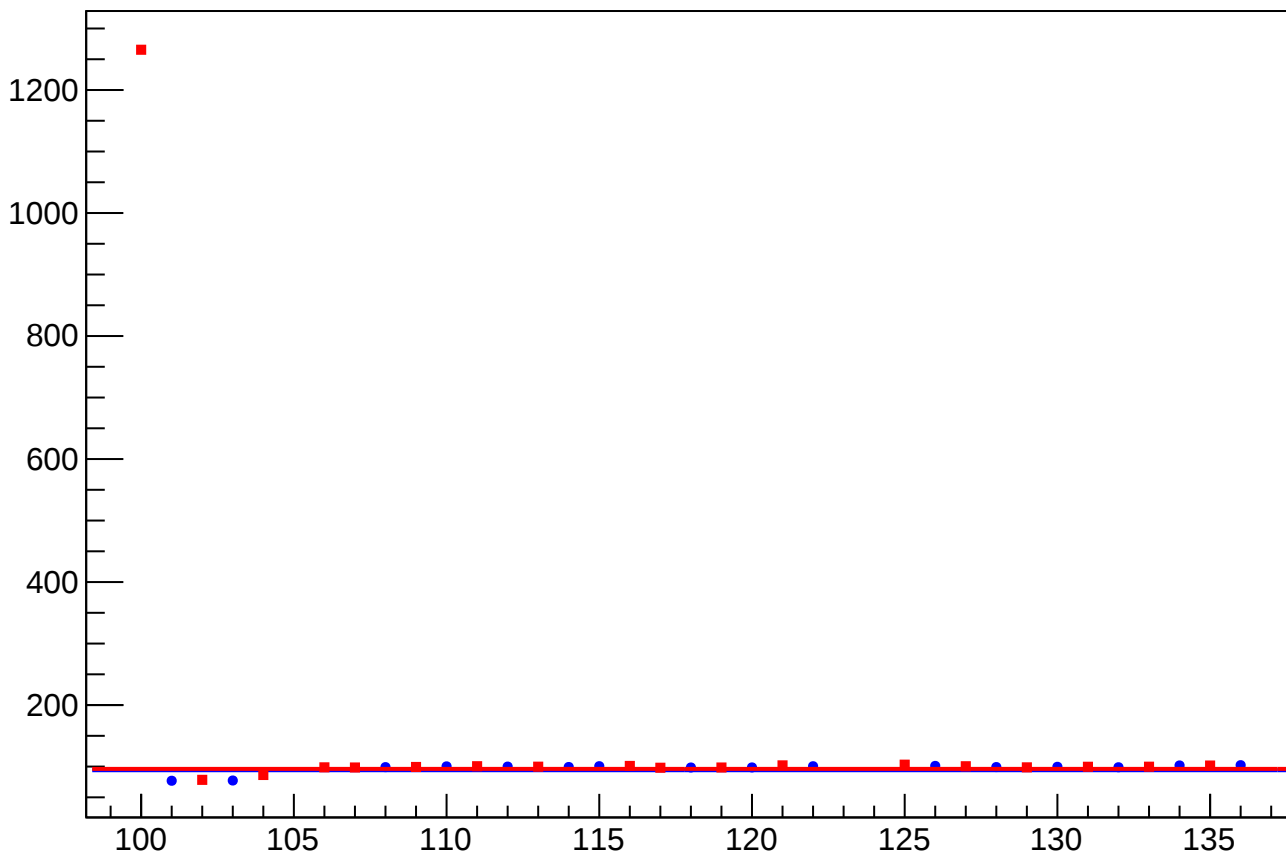
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.283+/-36.714 χ^2/NDF : 16.1/15

-3.715+/-26.075 χ^2/NDF : 29.3/33

-4.154+/-37.041 χ^2/NDF : 13.1/17

reg_asym_dsl_rms vs Slug, Sign Corrected



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

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

Right Out: 96.241+/-0.026 χ^2/NDF : 208050.8/17

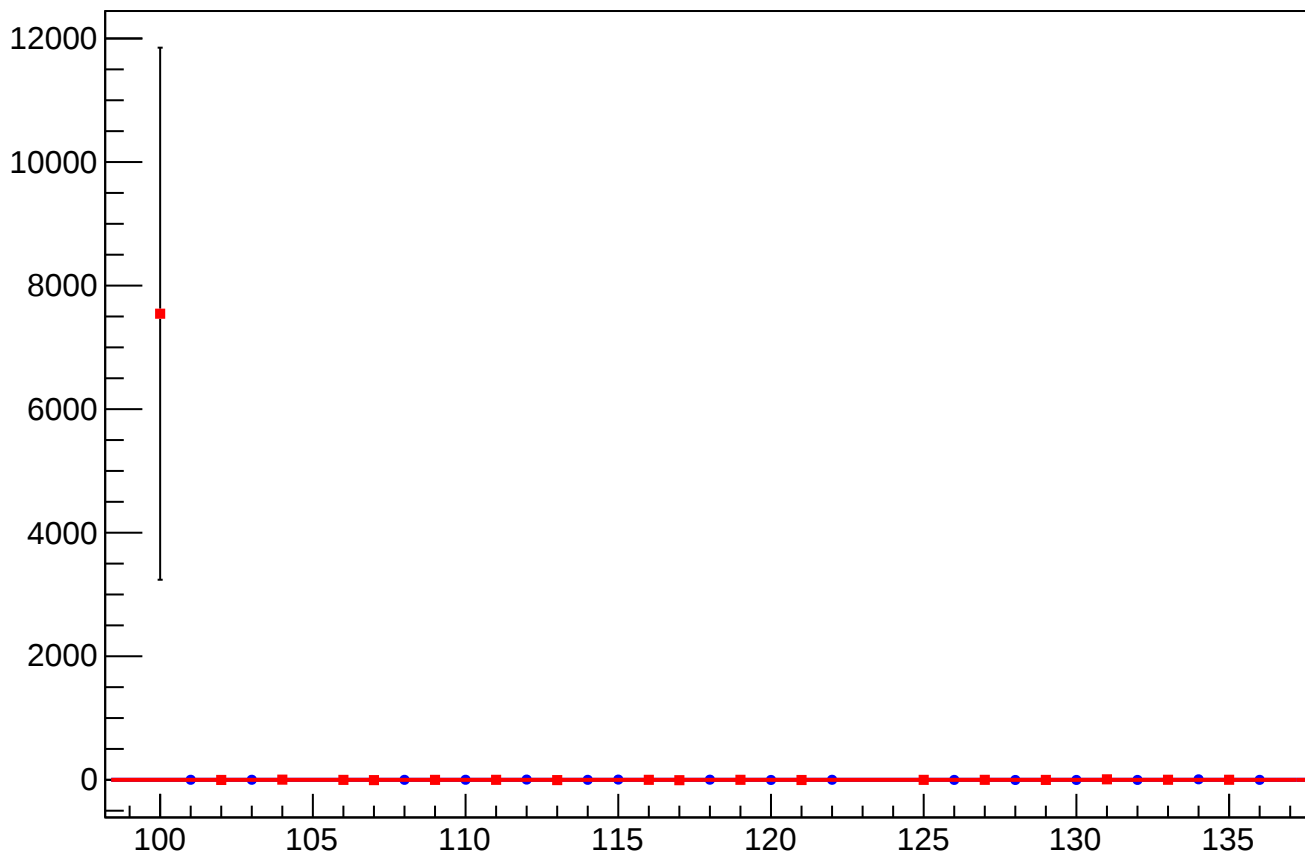
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

94.068+/-0.026 χ^2/NDF : 152285.6/15

95.145+/-0.018 χ^2/NDF : 363807.3/33

96.241+/-0.026 χ^2/NDF : 208050.8/17

asym_dsl_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -0.434+/-0.650 χ^2/NDF : 22.3/17

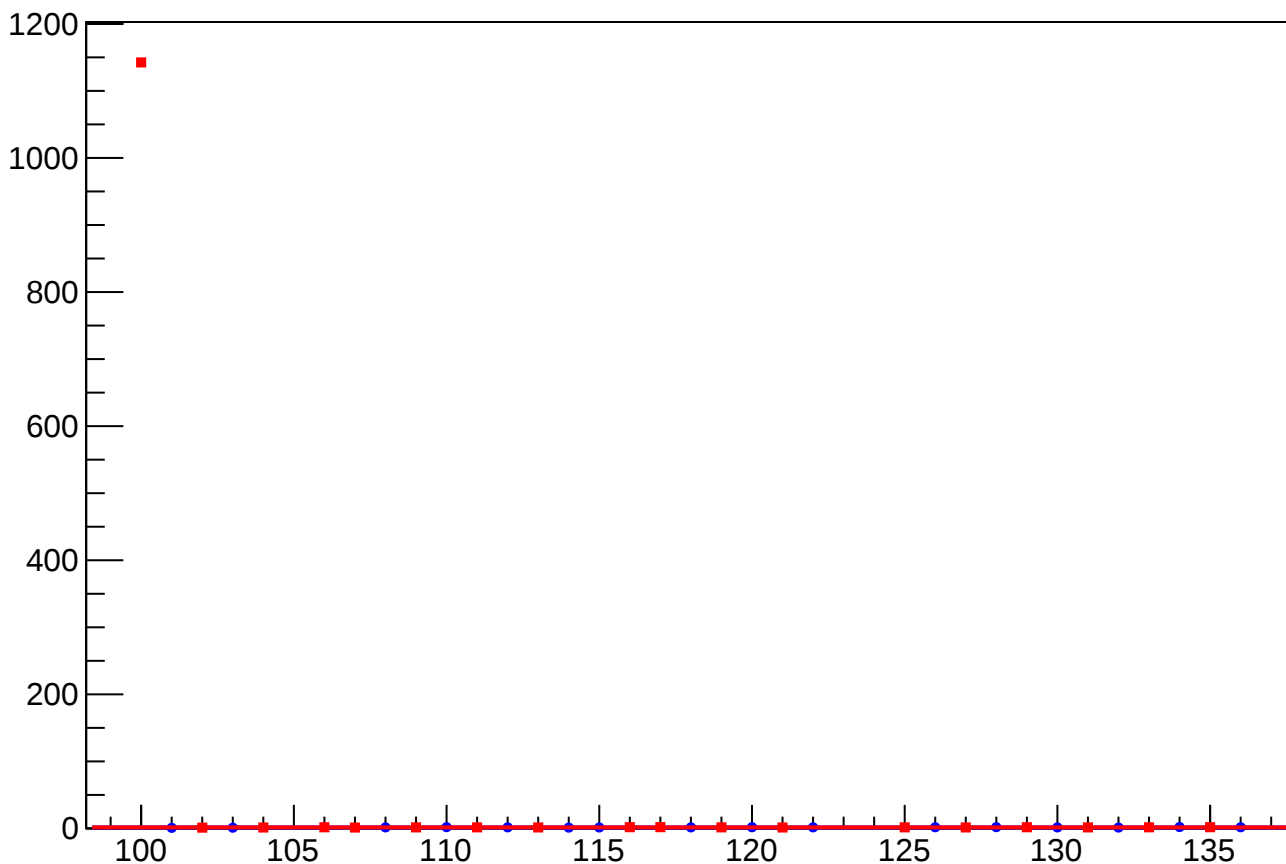
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.426+/-0.616 χ^2/NDF : 9.7/15

0.019+/-0.447 χ^2/NDF : 32.9/33

-0.434+/-0.650 χ^2/NDF : 22.3/17

asym_dsl_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 1.555+/-0.000 χ^2/NDF : 317987.7/17

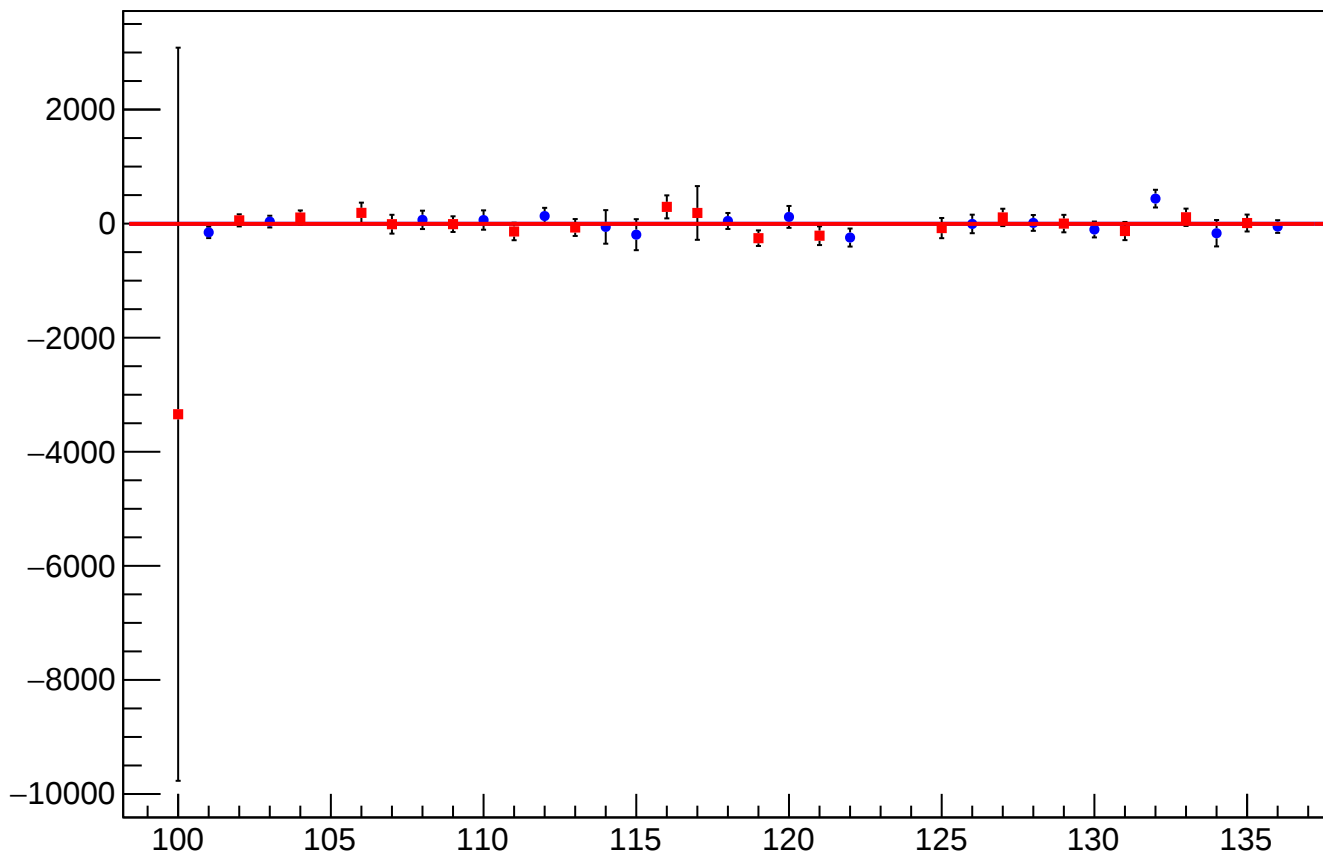
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.420+/-0.000 χ^2/NDF : 730935.2/15

1.484+/-0.000 χ^2/NDF : 1094766.6/33

1.555+/-0.000 χ^2/NDF : 317987.7/17

asym_dsl_mean vs Slug, Sign Corrected



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

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

Right Out: -4.231+/-37.051 χ^2/NDF : 12.8/17

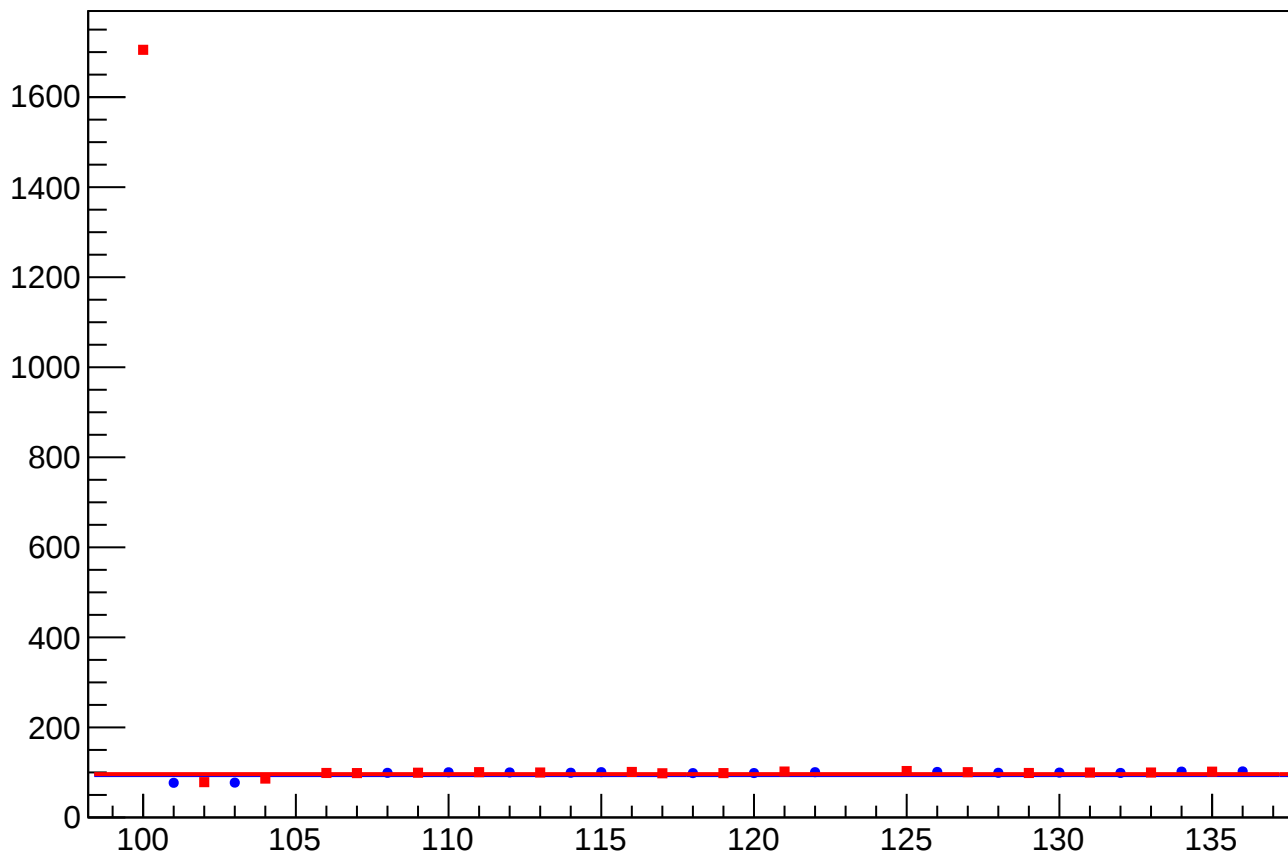
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.099+/-36.723 χ^2/NDF : 16.3/15

-3.660+/-26.082 χ^2/NDF : 29.1/33

-4.231+/-37.051 χ^2/NDF : 12.8/17

asym_dsl_rms vs Slug, Sign Corrected



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

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

Right Out: 96.249+/-0.026 χ^2/NDF : 213181.5/17

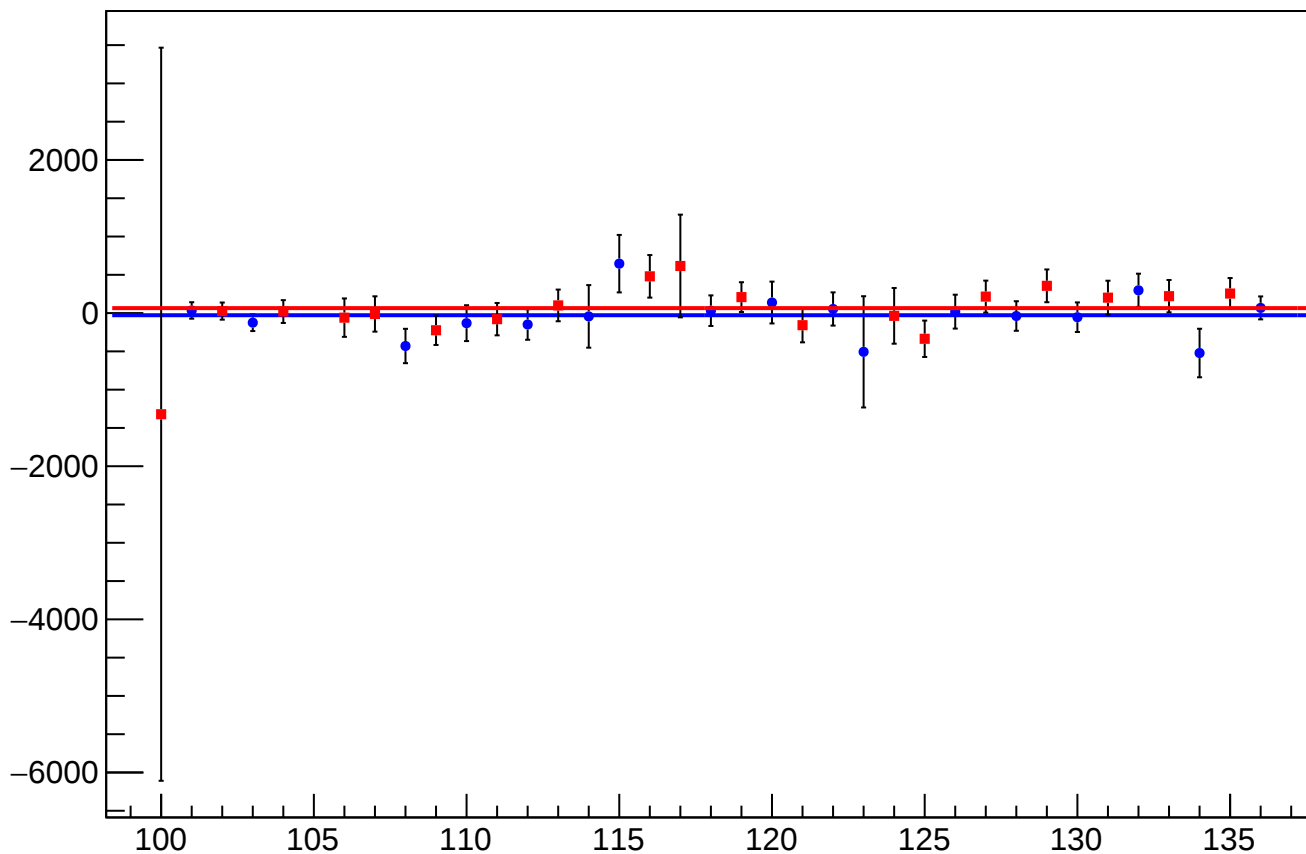
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

94.093+/-0.026 χ^2/NDF : 152305.3/15

95.161+/-0.018 χ^2/NDF : 368905.7/33

96.249+/-0.026 χ^2/NDF : 213181.5/17

reg_asym_dsr_mean vs Slug, Sign Corrected



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

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

Right Out: 64.918 ± 48.136 χ^2/NDF : 15.0/18

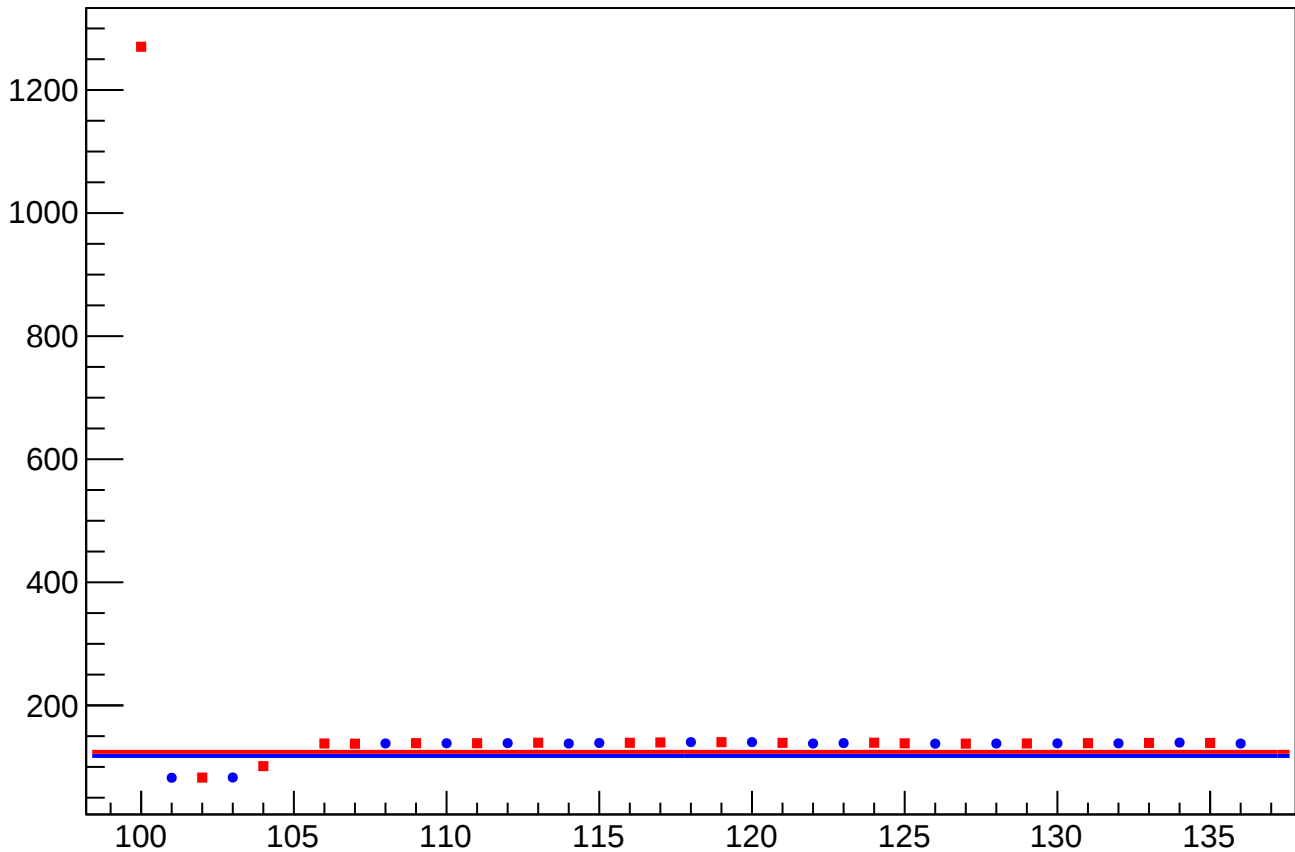
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-27.840 ± 46.777 χ^2/NDF : 14.3/16

17.211 ± 33.546 χ^2/NDF : 31.2/35

64.918 ± 48.136 χ^2/NDF : 15.0/18

reg_asym_dsr_rms vs Slug, Sign Corrected



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

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

Right Out: 124.544 $\pm$ 0.034 χ^2/NDF : 567447.4/18

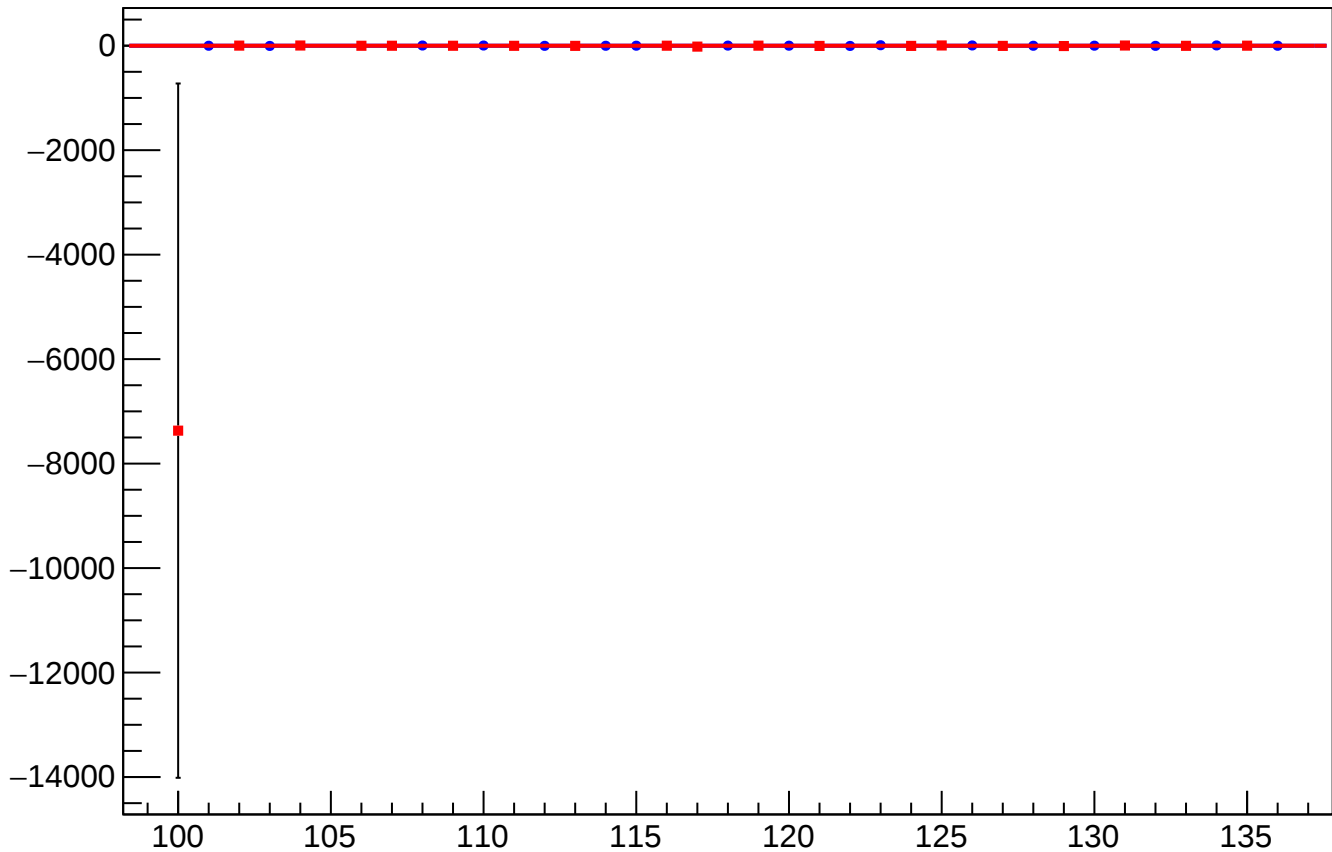
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

121.083 $\pm$ 0.024 χ^2/NDF : 1254130.9/35

124.544 $\pm$ 0.034 χ^2/NDF : 567447.4/18

asym_dsr_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -0.563+/-0.862 χ^2/NDF : 14.2/18

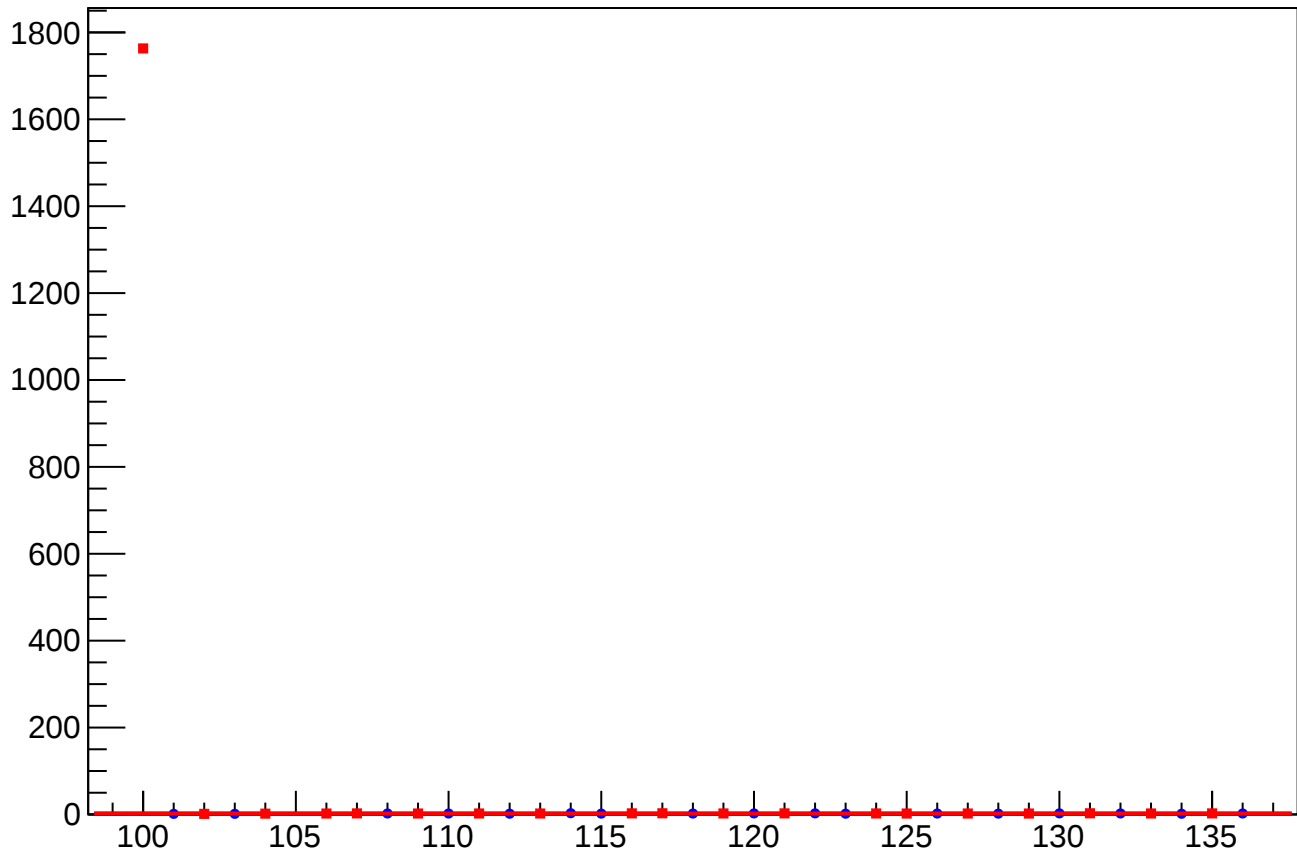
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.695+/-0.810 χ^2/NDF : 12.7/16

-0.633+/-0.590 χ^2/NDF : 26.8/35

-0.563+/-0.862 χ^2/NDF : 14.2/18

asym_dsr_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 2.071 $\pm$ 0.001 χ^2 /NDF: 529527.4/18

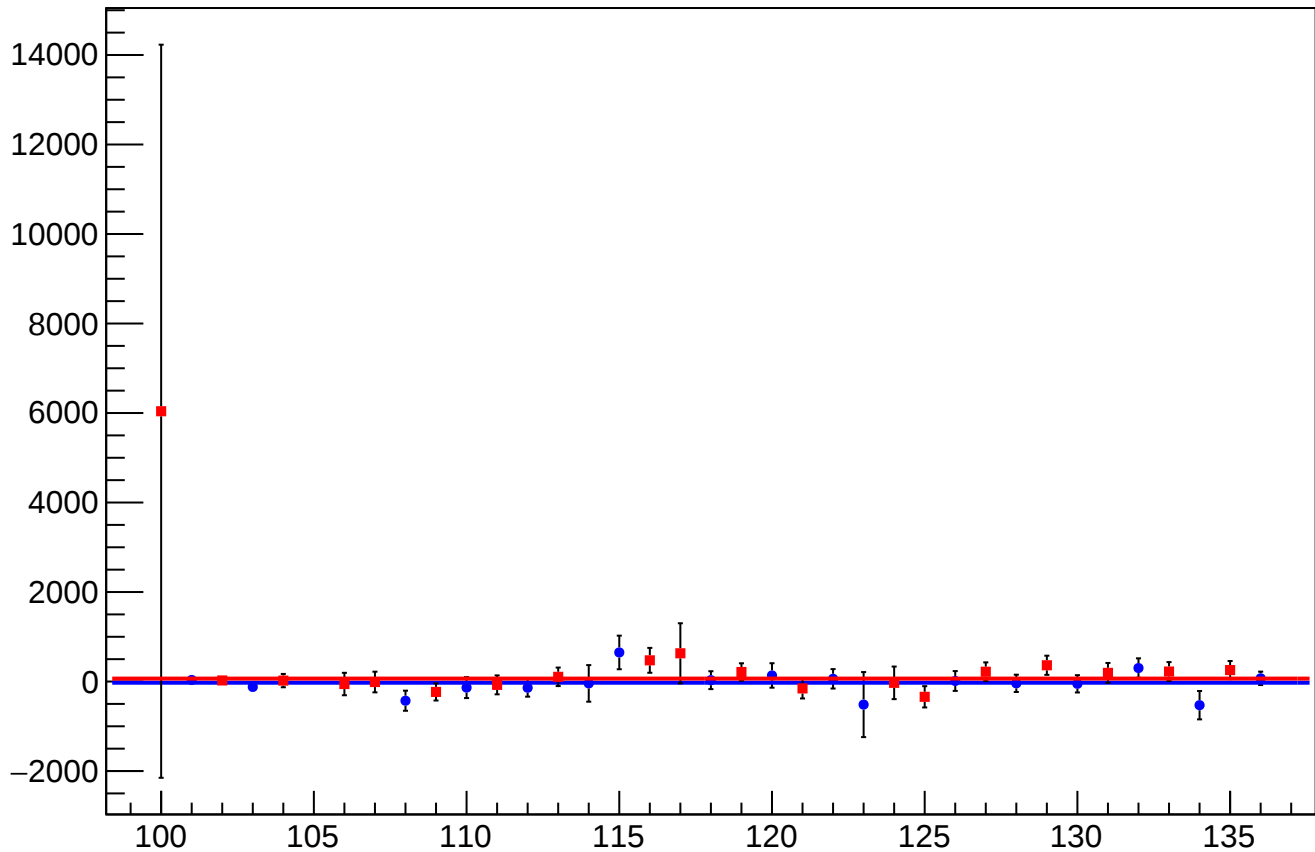
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1.964 $\pm$ 0.000 χ^2 /NDF: 1080740.4/35

2.071 $\pm$ 0.001 χ^2 /NDF: 529527.4/18

asym_dsr_mean vs Slug, Sign Corrected



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

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

Right Out: 65.742 $\pm$ 48.150 χ^2 /NDF: 15.6/18

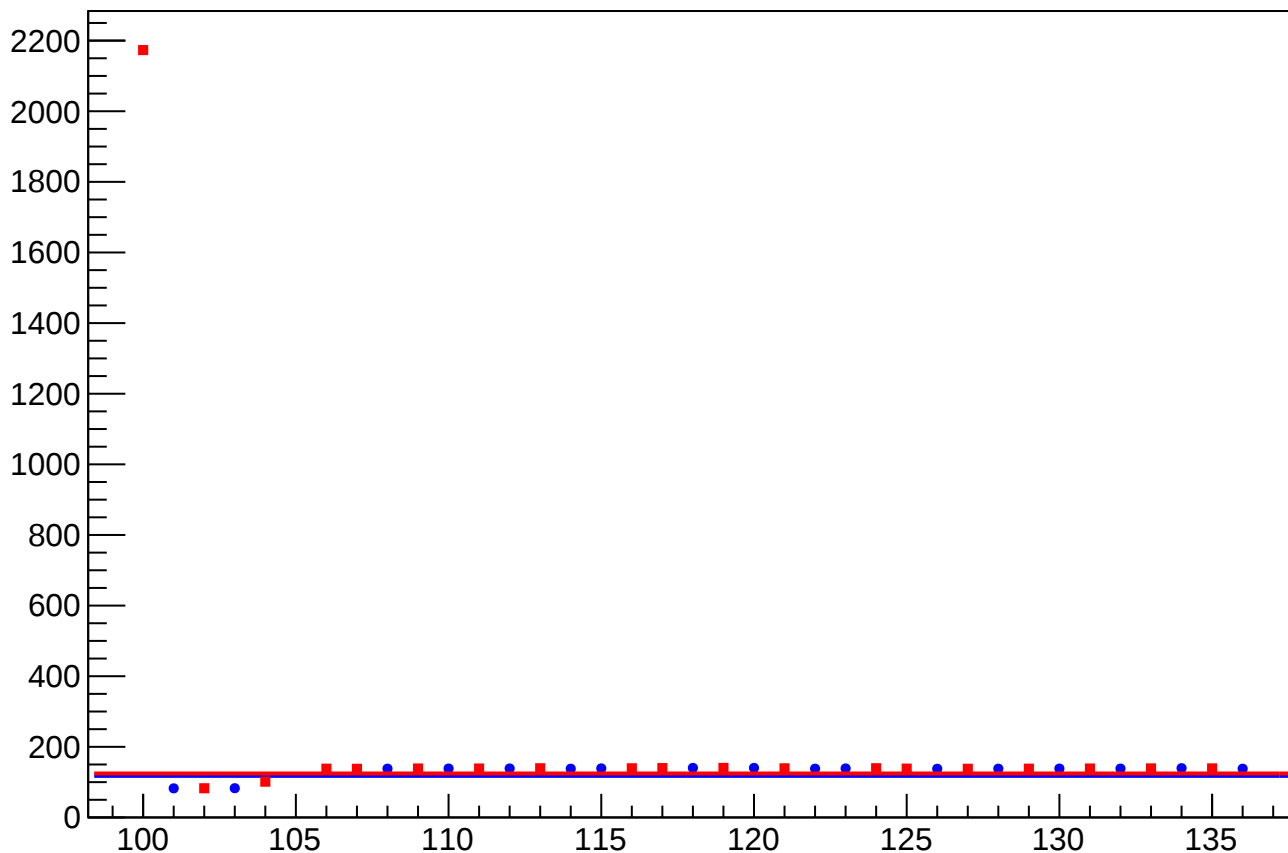
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

18.424 $\pm$ 33.556 χ^2 /NDF: 31.9/35

65.742 $\pm$ 48.150 χ^2 /NDF: 15.6/18

asym_dsr_rms vs Slug, Sign Corrected



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

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

Right Out: 124.532 $\pm$ 0.034 χ^2 /NDF: 578010.7/18

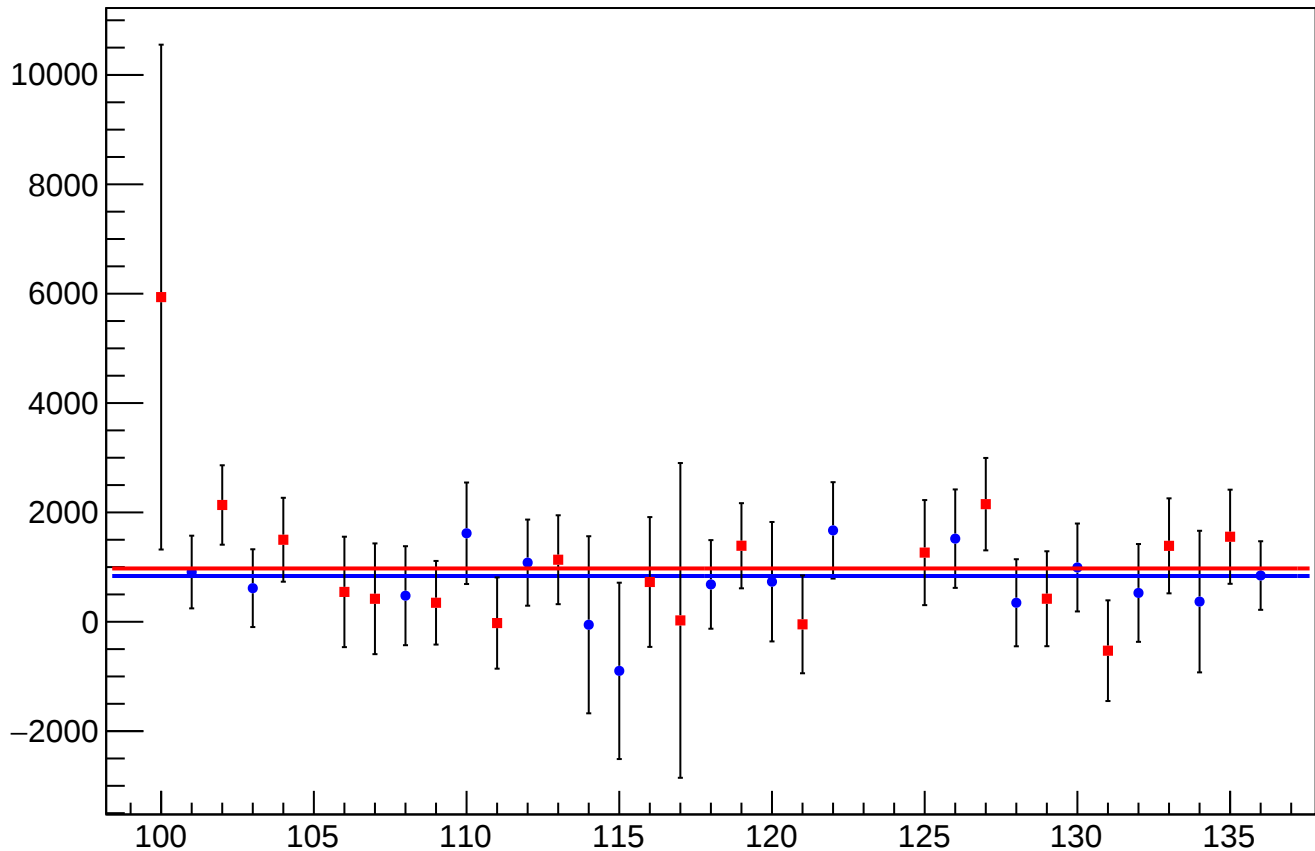
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

121.094 $\pm$ 0.024 χ^2 /NDF: 1264464.4/35

124.532 $\pm$ 0.034 χ^2 /NDF: 578010.7/18

reg_asym_left_avg_mean vs Slug, Sign Corrected



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

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

Right Out: 975.100+/-214.910 χ^2/NDF : 14.3/17

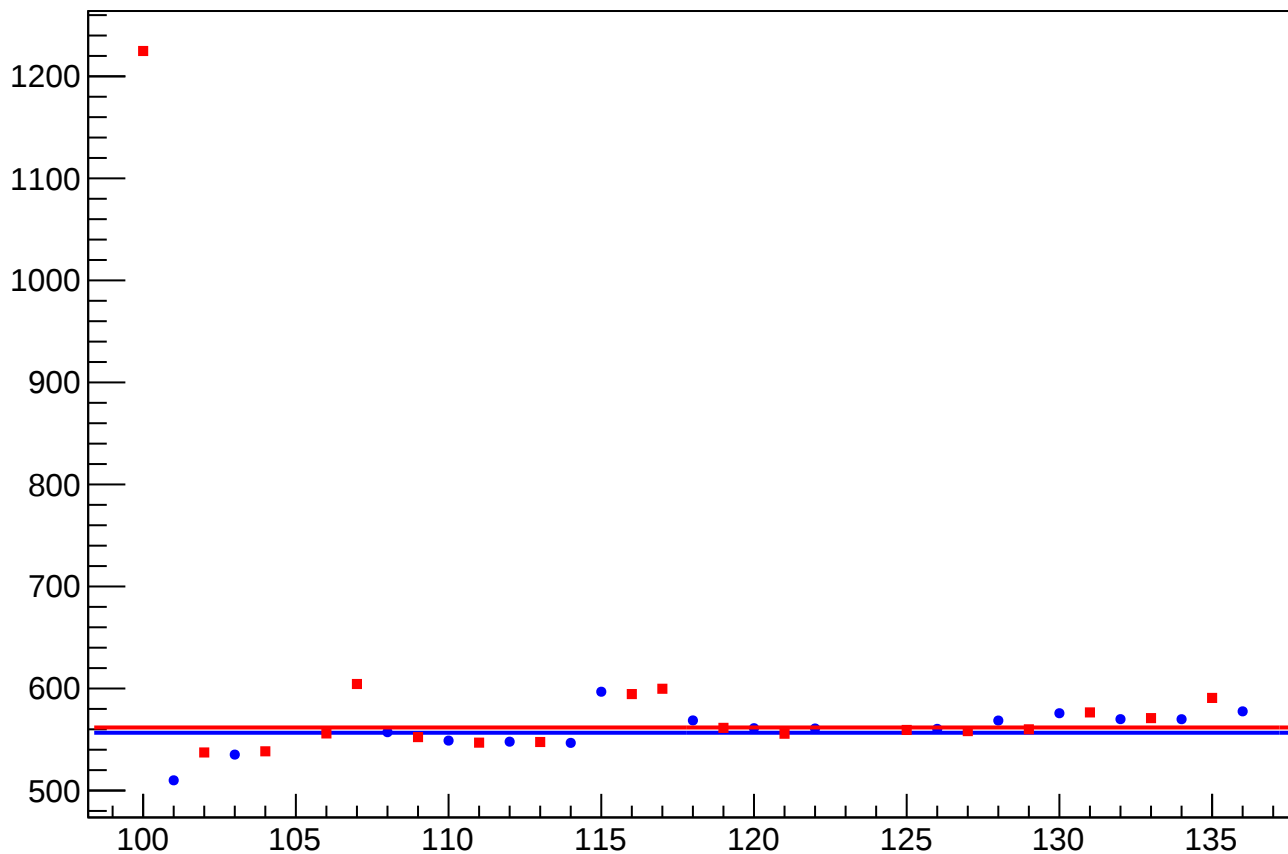
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

837.048+/-216.181 χ^2/NDF : 4.7/15

906.481+/-152.412 χ^2/NDF : 19.2/33

975.100+/-214.910 χ^2/NDF : 14.3/17

reg_asym_left_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 561.804+/-0.152 χ^2/NDF : 55571.9/17

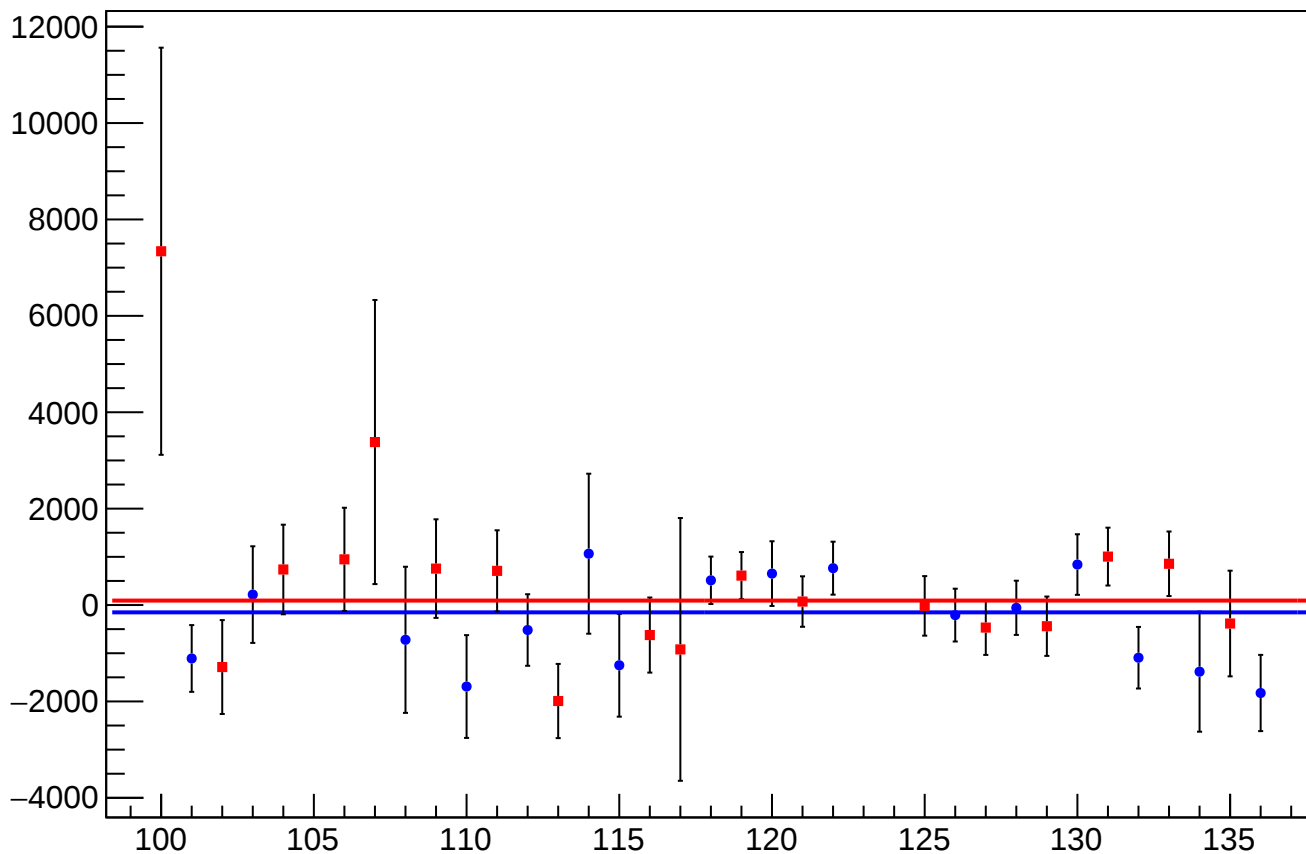
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

556.637+/-0.153 χ^2/NDF : 18391.7/15

559.236+/-0.108 χ^2/NDF : 74538.1/33

561.804+/-0.152 χ^2/NDF : 55571.9/17

asym_left_avg_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 92.525+/-179.210 χ^2 /NDF: 23.3/17

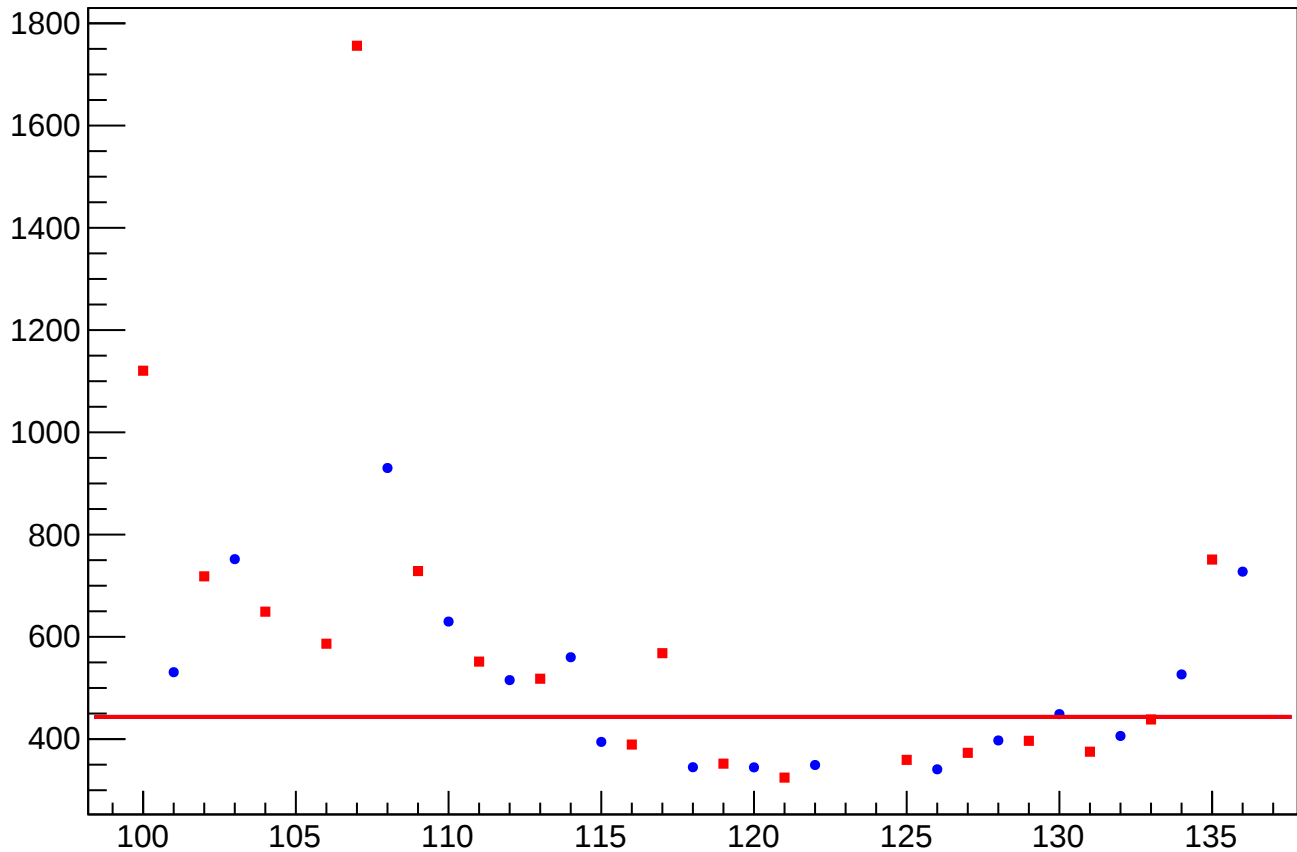
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-151.876+/-180.078 χ^2 /NDF: 22.3/15

-29.085+/-127.026 χ^2 /NDF: 46.5/33

92.525+/-179.210 χ^2 /NDF: 23.3/17

asym_left_avg_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 443.372+/-0.127 χ^2/NDF : 1398421.4/17

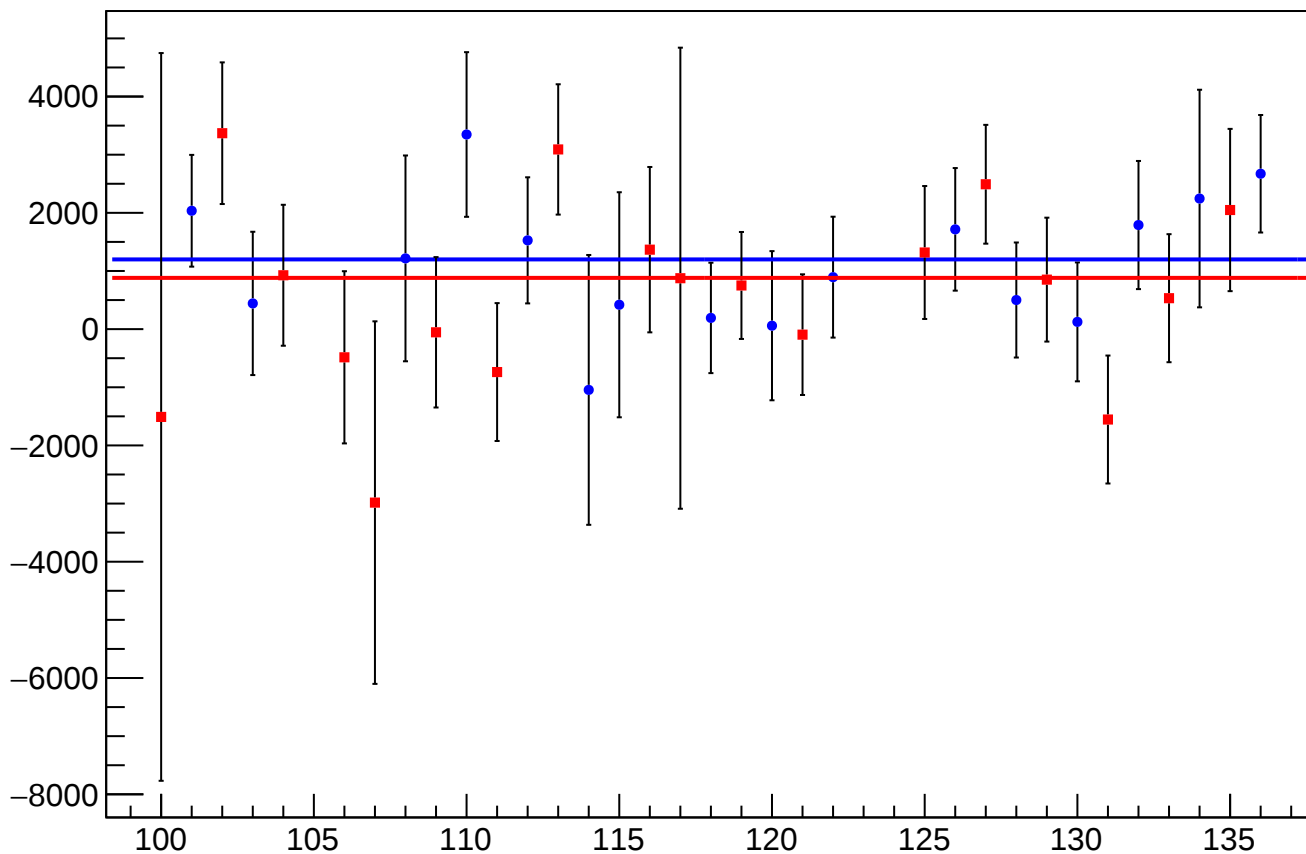
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

443.412+/-0.090 χ^2/NDF : 2459362.5/33

443.372+/-0.127 χ^2/NDF : 1398421.4/17

asym_left_avg_mean vs Slug, Sign Corrected



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

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

Right Out: 881.424 $\pm$ 295.102 χ^2 /NDF: 22.3/17

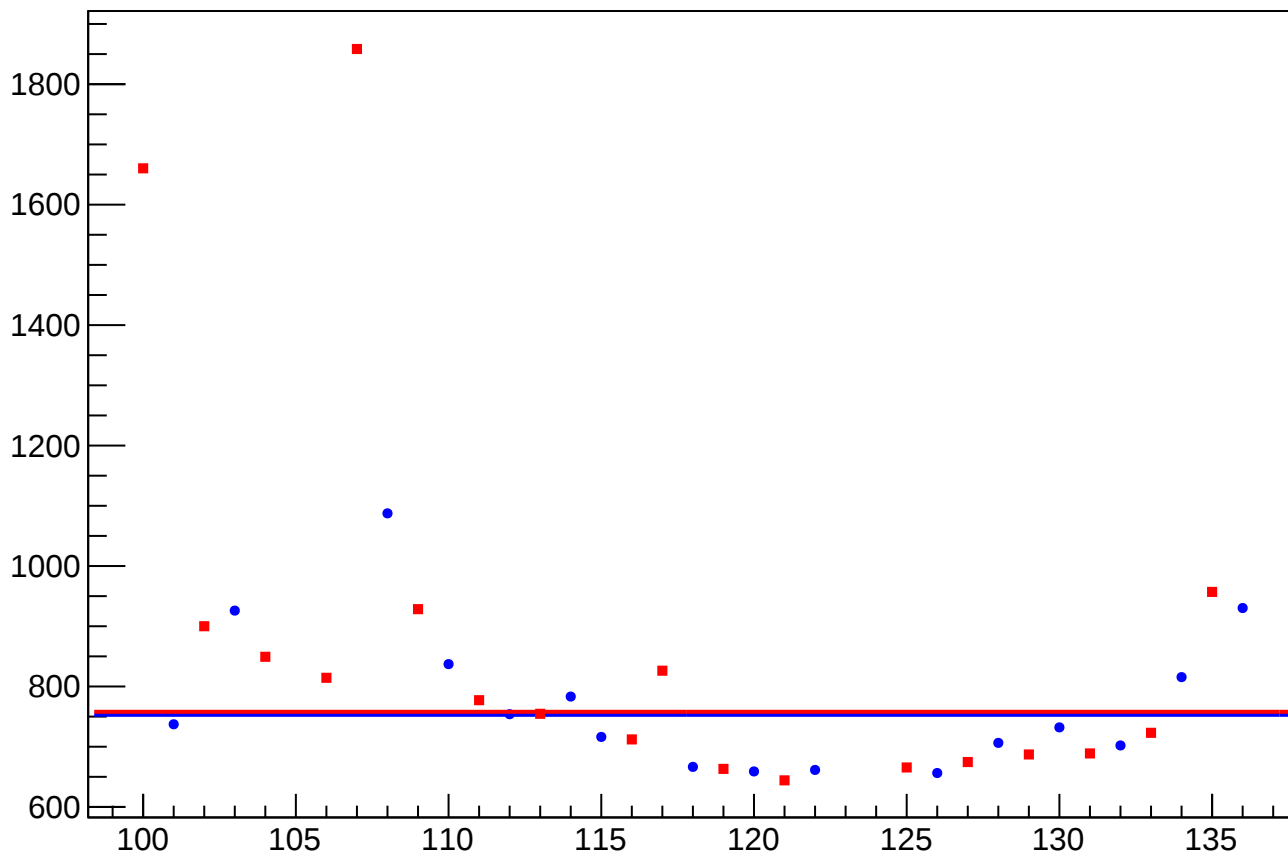
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1040.123 $\pm$ 208.719 χ^2 /NDF: 34.1/33

881.424 $\pm$ 295.102 χ^2 /NDF: 22.3/17

asym_left_avg_rms vs Slug, Sign Corrected



Right In: 752.937+/-0.209 χ^2/NDF : 252526.4/15

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

Right Out: 757.981+/-0.209 χ^2/NDF : 501374.3/17

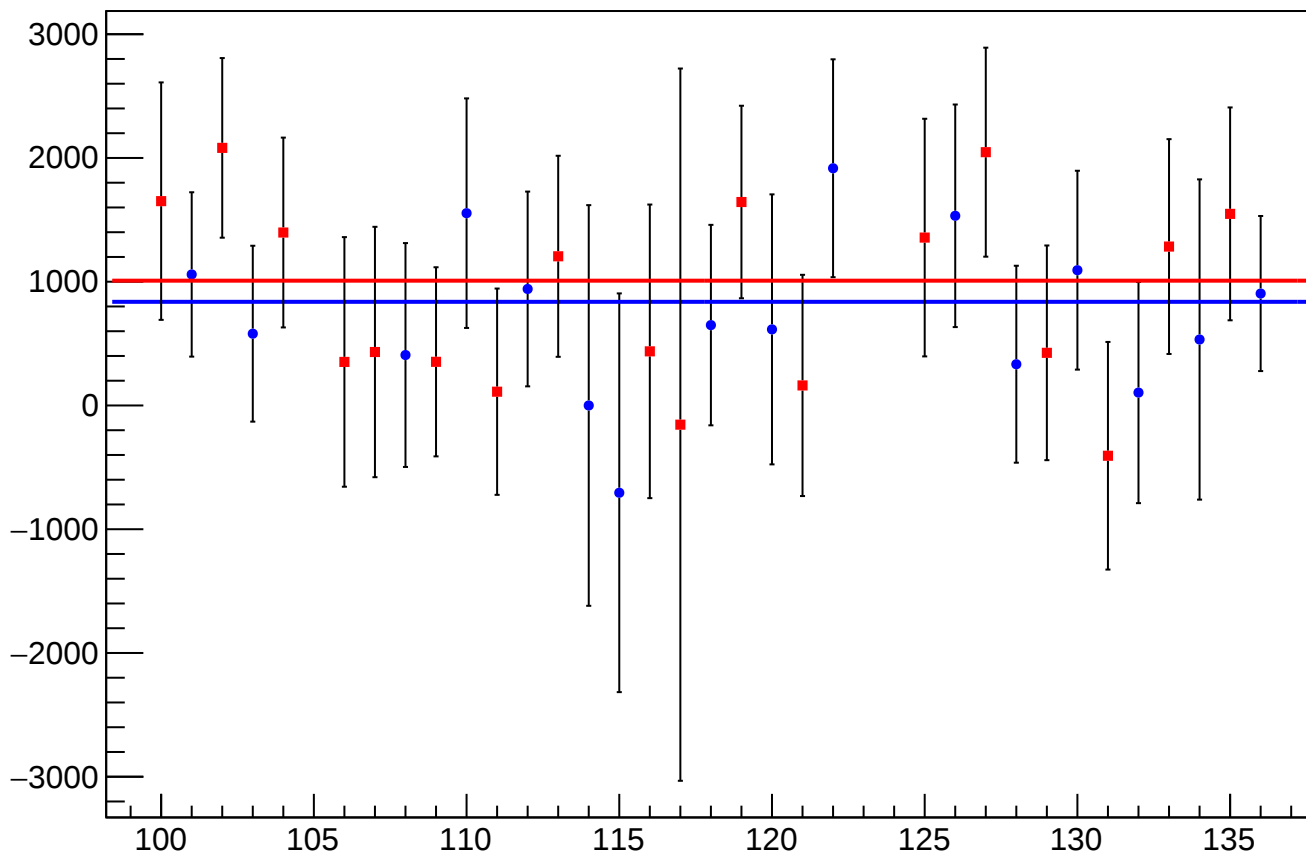
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

752.937+/-0.209 χ^2/NDF : 252526.4/15

755.460+/-0.148 χ^2/NDF : 754192.6/33

757.981+/-0.209 χ^2/NDF : 501374.3/17

reg_asym_left_dd_mean vs Slug, Sign Corrected



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

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

Right Out: 1008.390 $\pm$ 209.766 χ^2 /NDF: 12.5/17

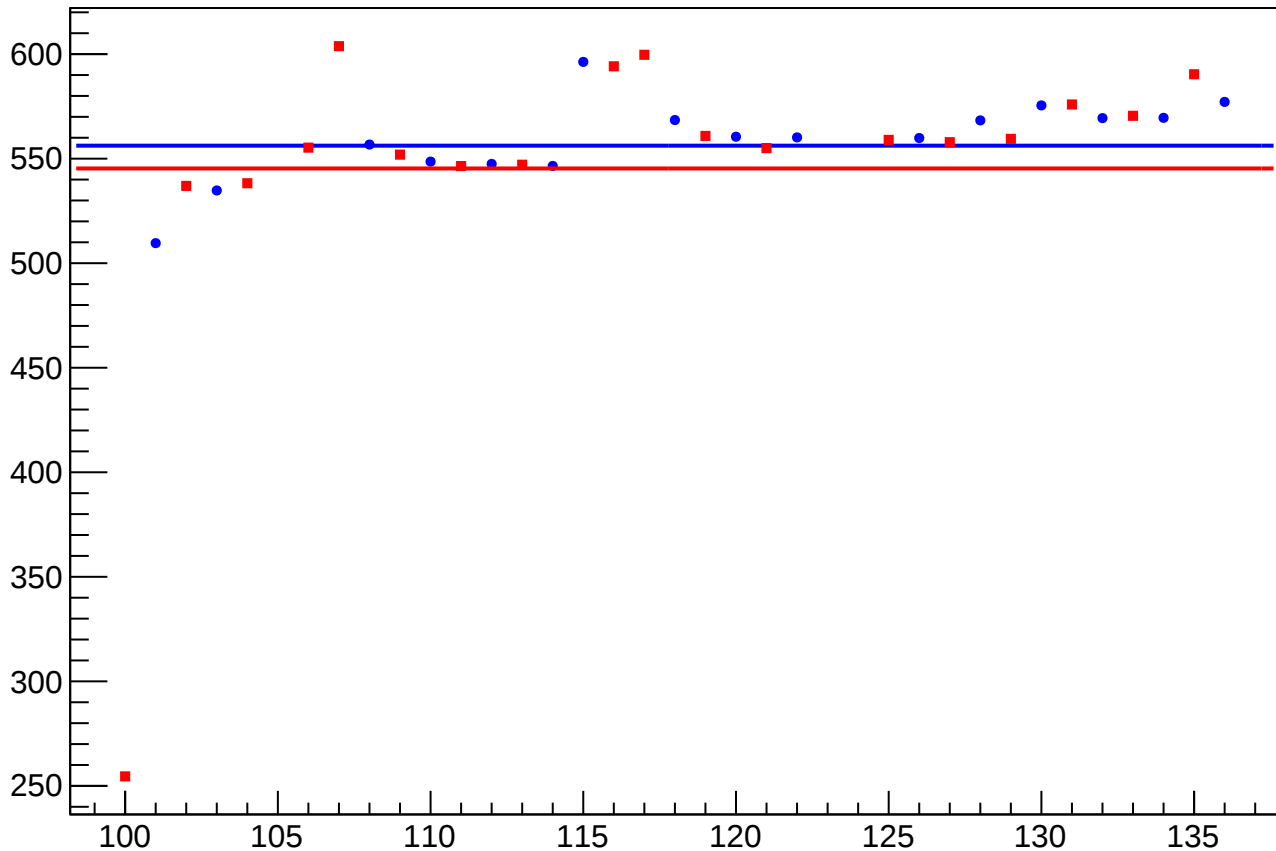
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

925.480 $\pm$ 150.488 χ^2 /NDF: 18.5/33

1008.390 $\pm$ 209.766 χ^2 /NDF: 12.5/17

reg_asym_left_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 545.310+/-0.148 χ^2/NDF : 207094.9/17

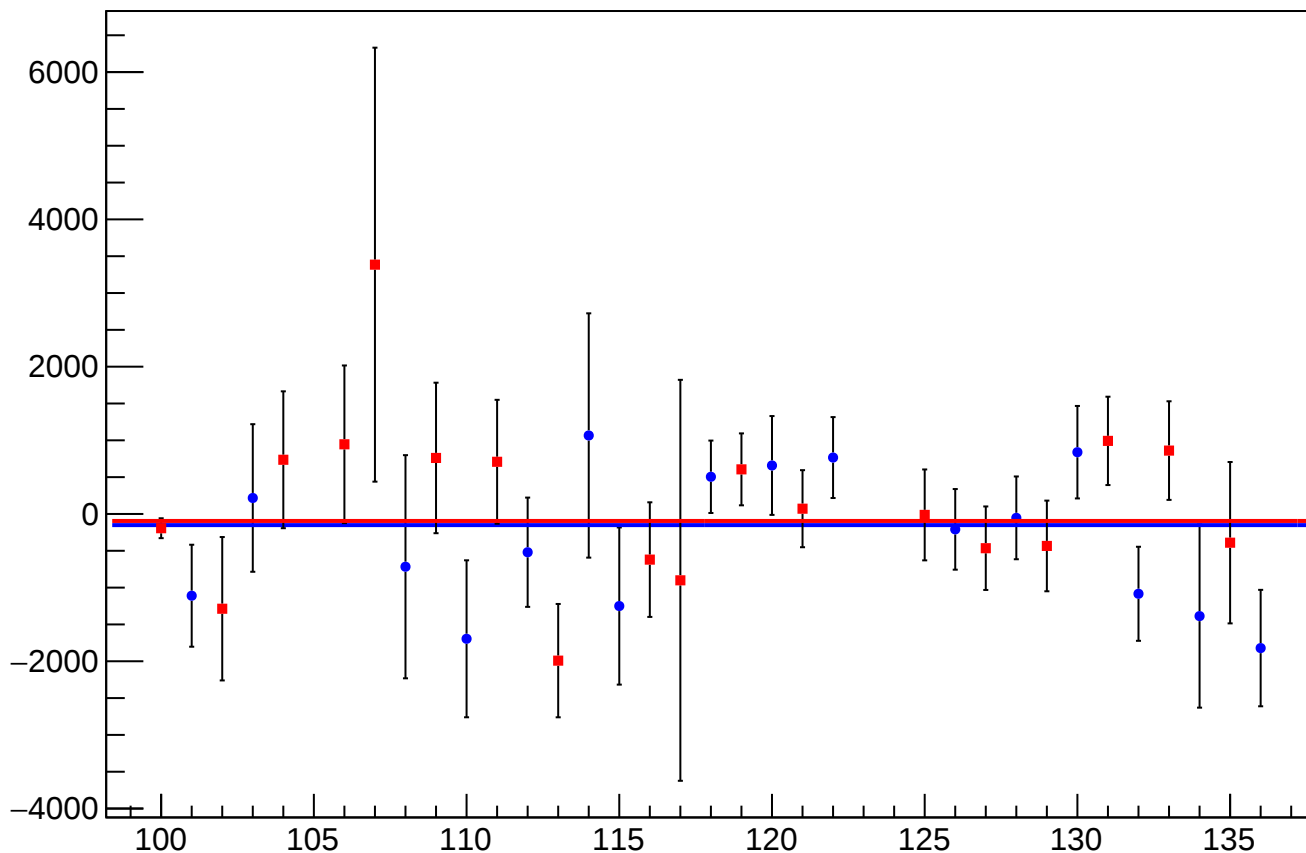
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

556.210+/-0.153 χ^2/NDF : 18417.4/15

550.600+/-0.106 χ^2/NDF : 228133.2/33

545.310+/-0.148 χ^2/NDF : 207094.9/17

asym_left_dd_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -94.902+/-107.826 χ^2/NDF : 21.7/17

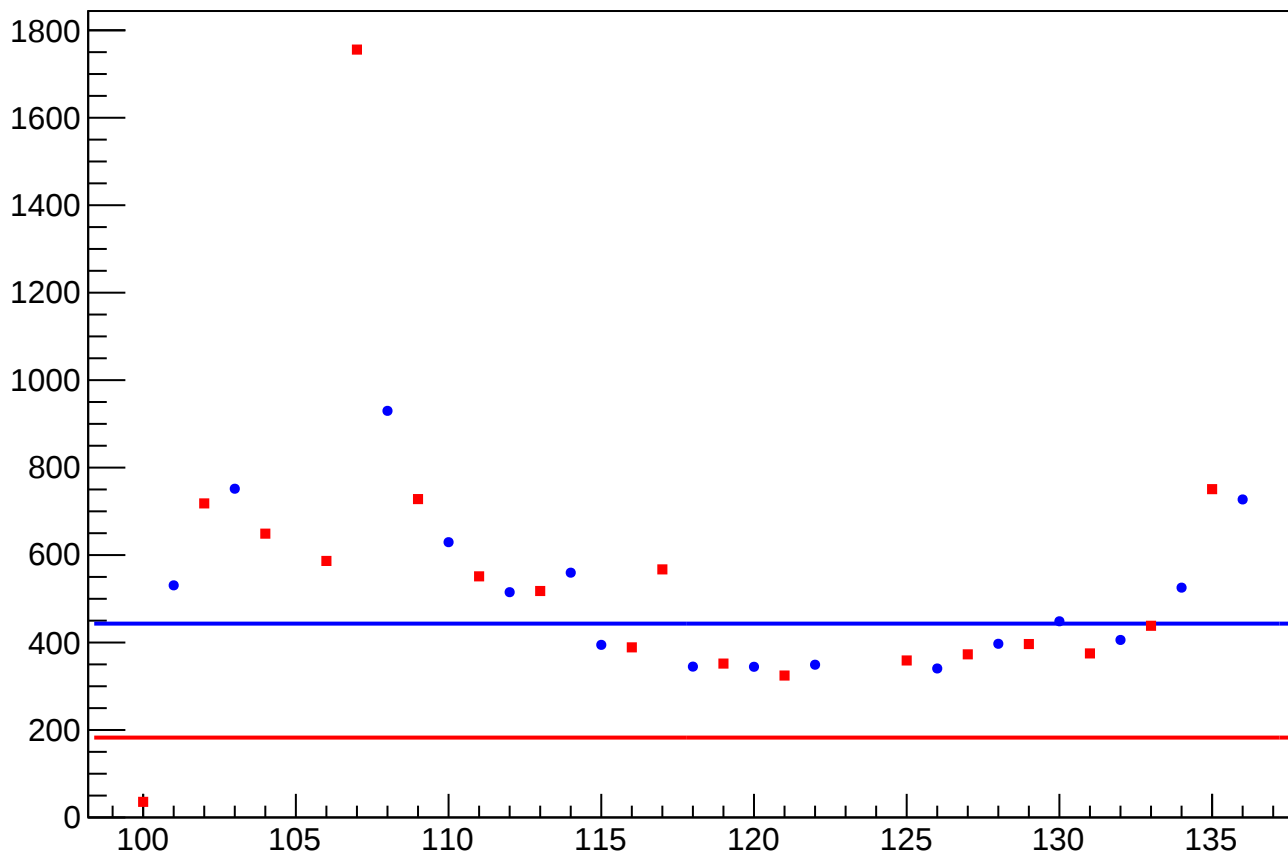
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-151.459+/-179.991 χ^2/NDF : 22.3/15

-109.838+/-92.498 χ^2/NDF : 44.0/33

-94.902+/-107.826 χ^2/NDF : 21.7/17

asym_left_dd_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 182.633+/-0.076 χ^2/NDF : 7901589.6/17

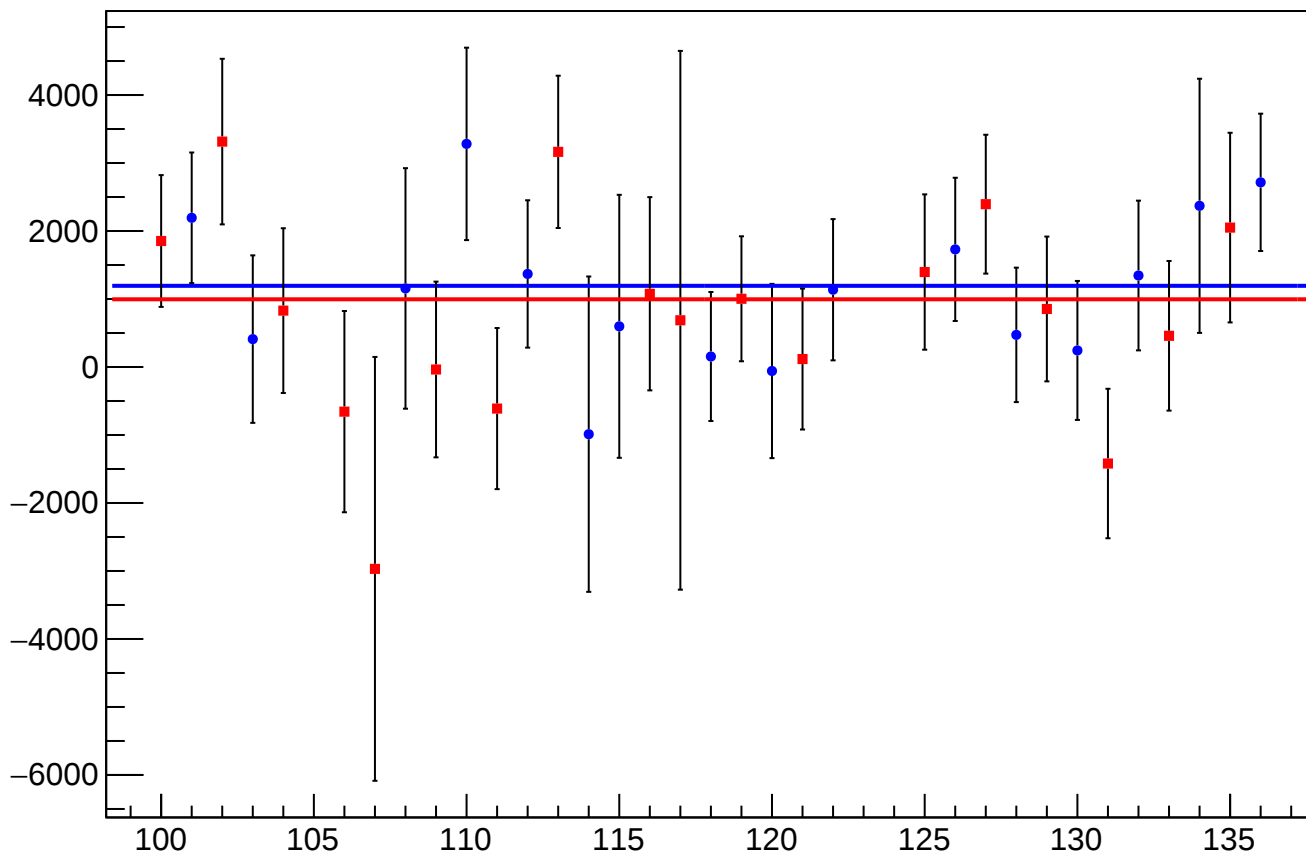
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

251.459+/-0.065 χ^2/NDF : 12047861.1/33

182.633+/-0.076 χ^2/NDF : 7901589.6/17

asym_left_dd_mean vs Slug, Sign Corrected



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

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

Right Out: 995.778 $\pm$ 282.408 χ^2 /NDF: 21.9/17

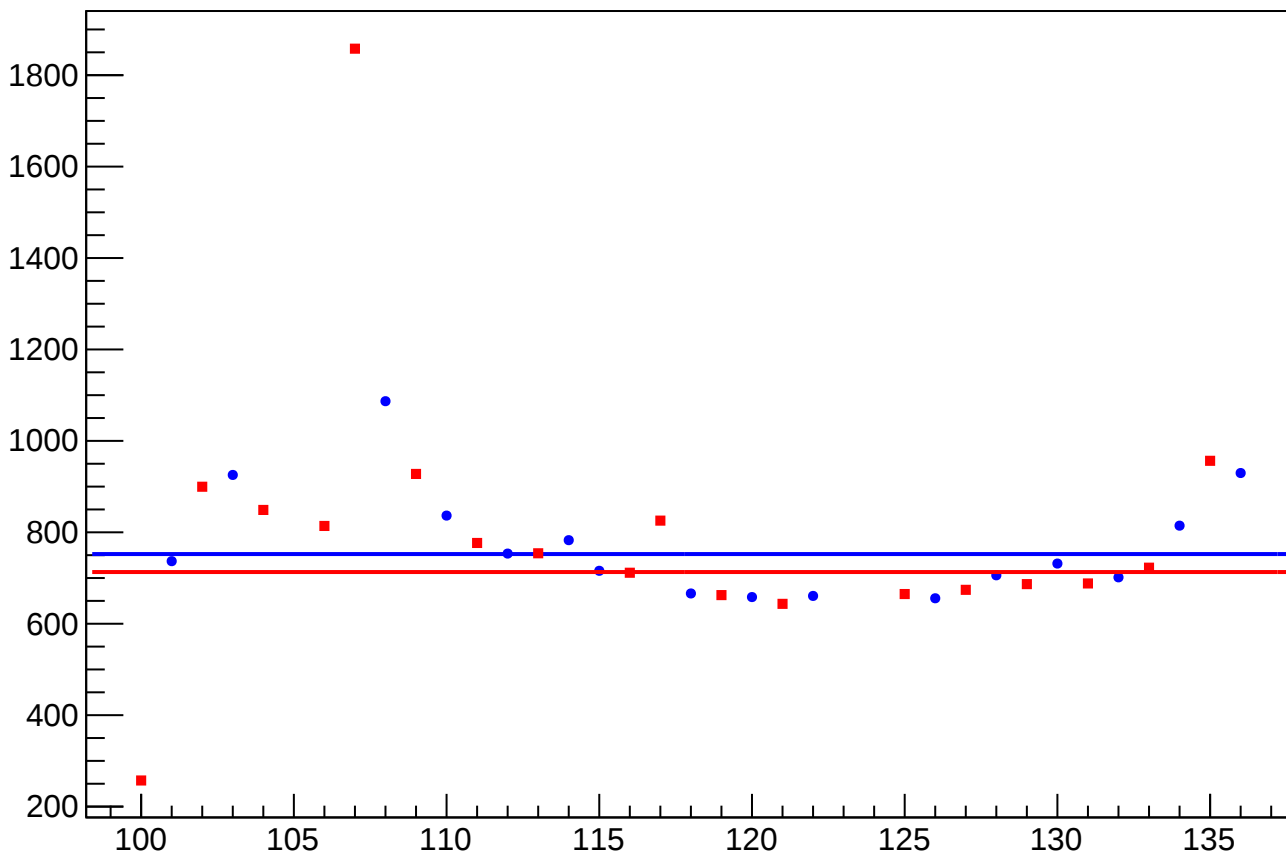
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1090.481 $\pm$ 204.014 χ^2 /NDF: 33.3/33

995.778 $\pm$ 282.408 χ^2 /NDF: 21.9/17

asym_left_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 713.105+/-0.200 χ^2/NDF : 944054.3/17

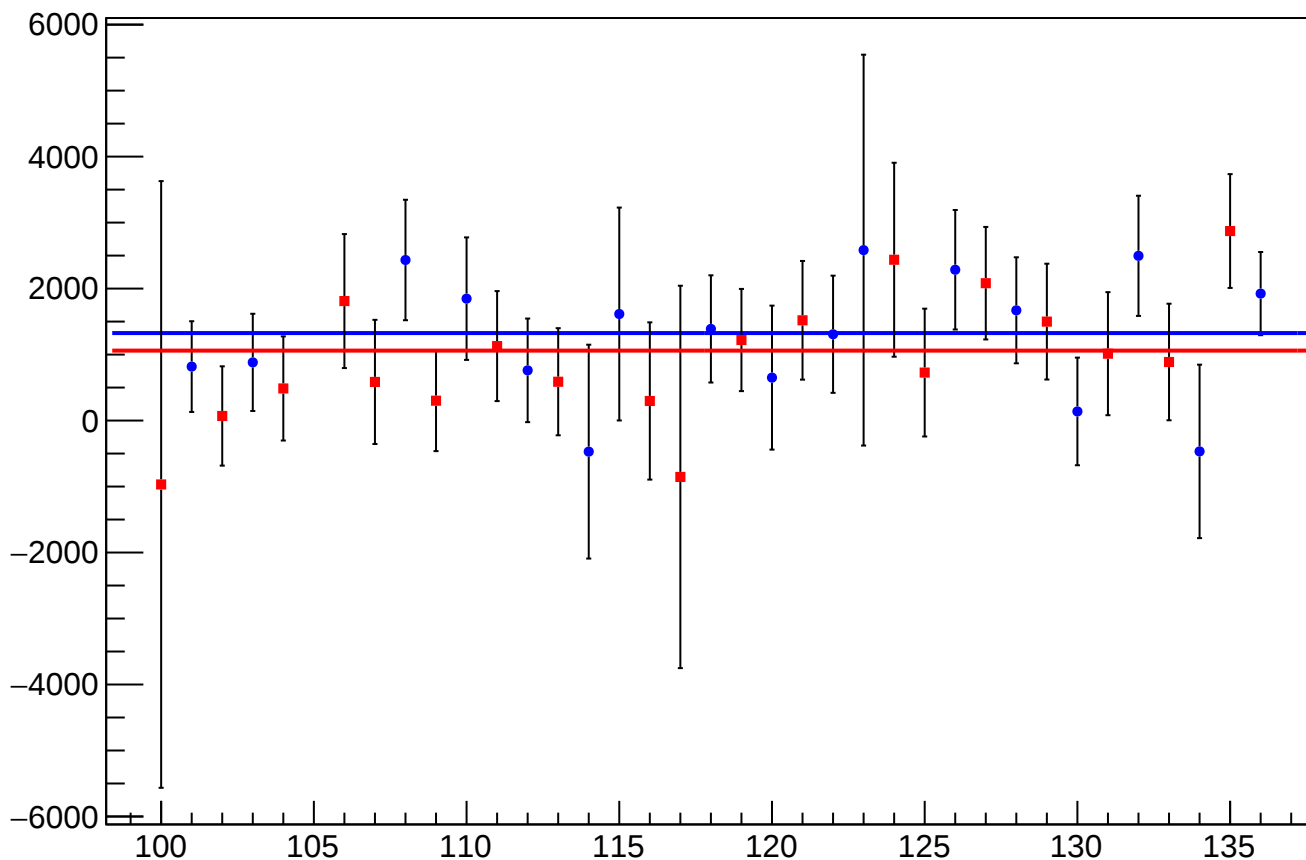
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

752.429+/-0.209 χ^2/NDF : 252705.1/15

731.906+/-0.144 χ^2/NDF : 1215300.4/33

713.105+/-0.200 χ^2/NDF : 944054.3/17

reg_asym_right_avg_mean vs Slug, Sign Corrected



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

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

Right Out: 1060.008 $\pm$ 213.700 χ^2 /NDF: 12.9/18

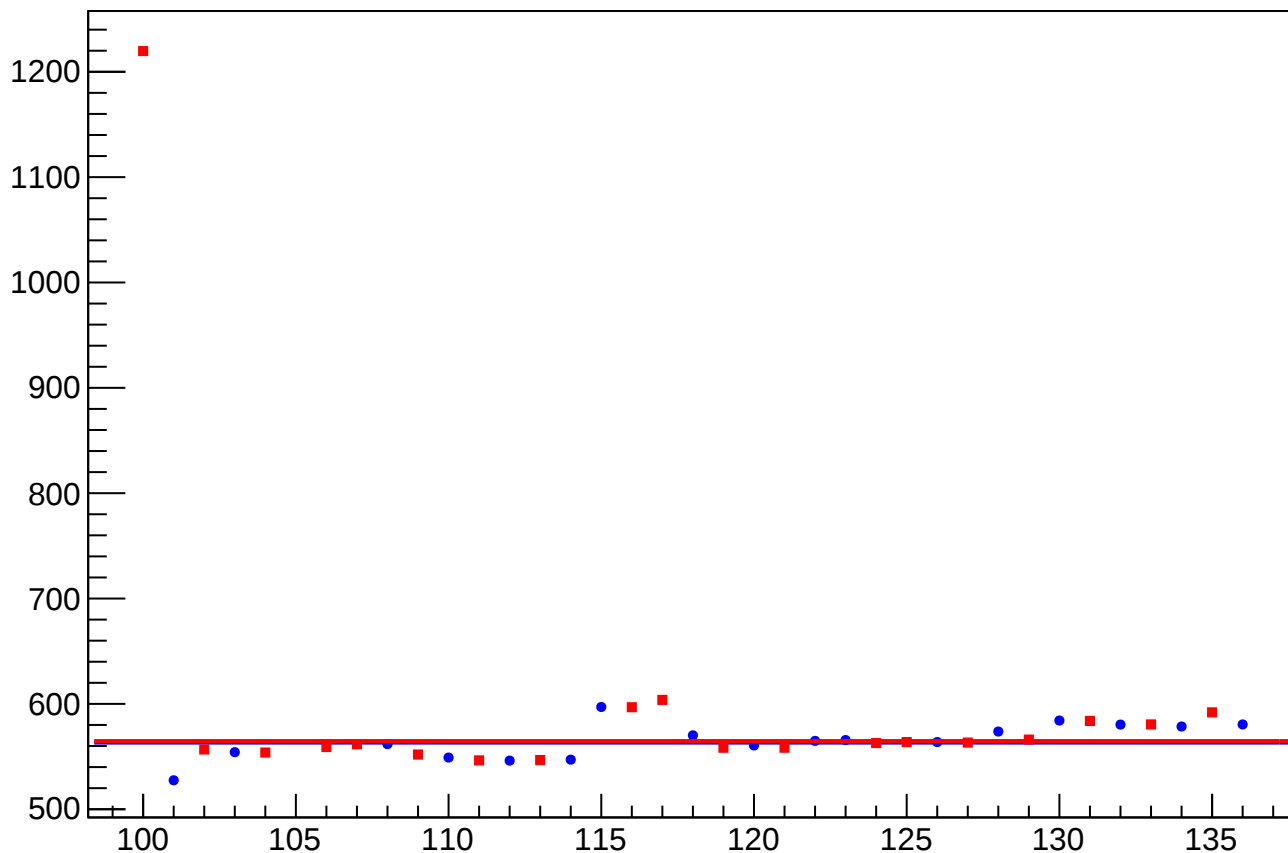
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1190.180 $\pm$ 152.642 χ^2 /NDF: 26.5/35

1060.008 $\pm$ 213.700 χ^2 /NDF: 12.9/18

reg_asym_right_avg_rms vs Slug, Sign Corrected



Right In: 563.266+/-0.154 χ^2/NDF : 12520.3/16

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

Right Out: 564.732+/-0.151 χ^2/NDF : 49345.8/18

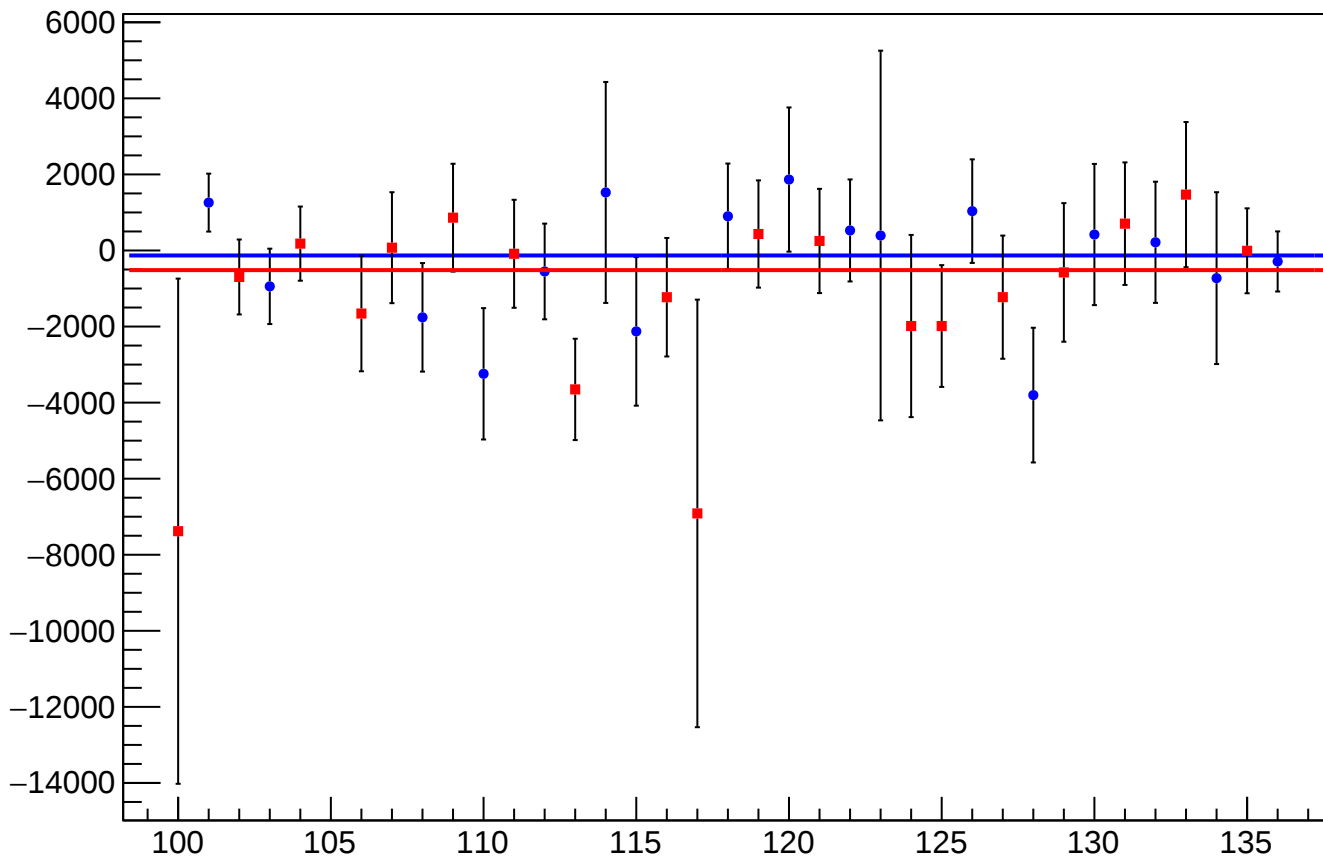
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

563.266+/-0.154 χ^2/NDF : 12520.3/16

564.014+/-0.108 χ^2/NDF : 61912.2/35

564.732+/-0.151 χ^2/NDF : 49345.8/18

asym_right_avg_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -516.446+/-337.972 χ^2/NDF : 14.5/18

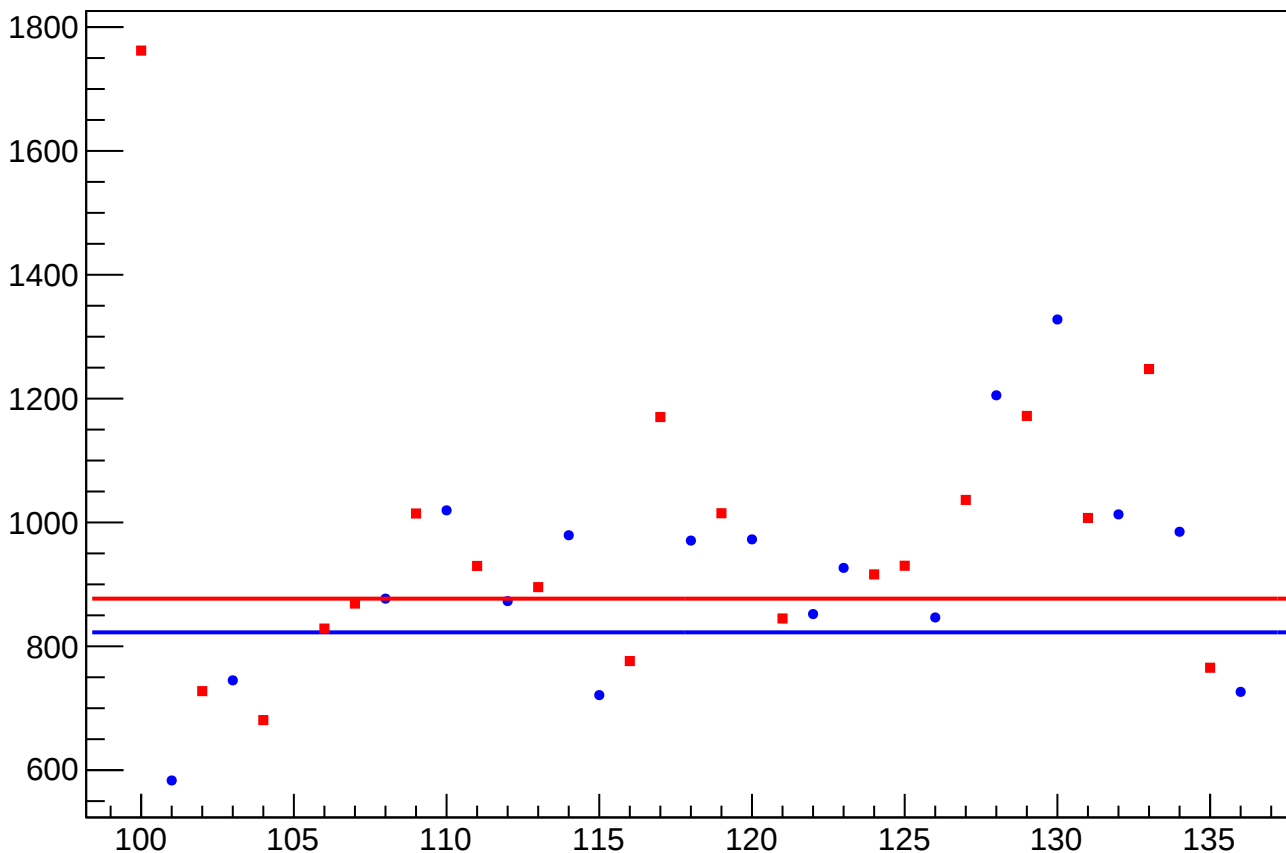
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-131.097+/-327.588 χ^2/NDF : 17.2/16

-317.761+/-235.225 χ^2/NDF : 32.4/35

-516.446+/-337.972 χ^2/NDF : 14.5/18

asym_right_avg_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 876.975+/-0.239 χ^2/NDF : 403682.9/18

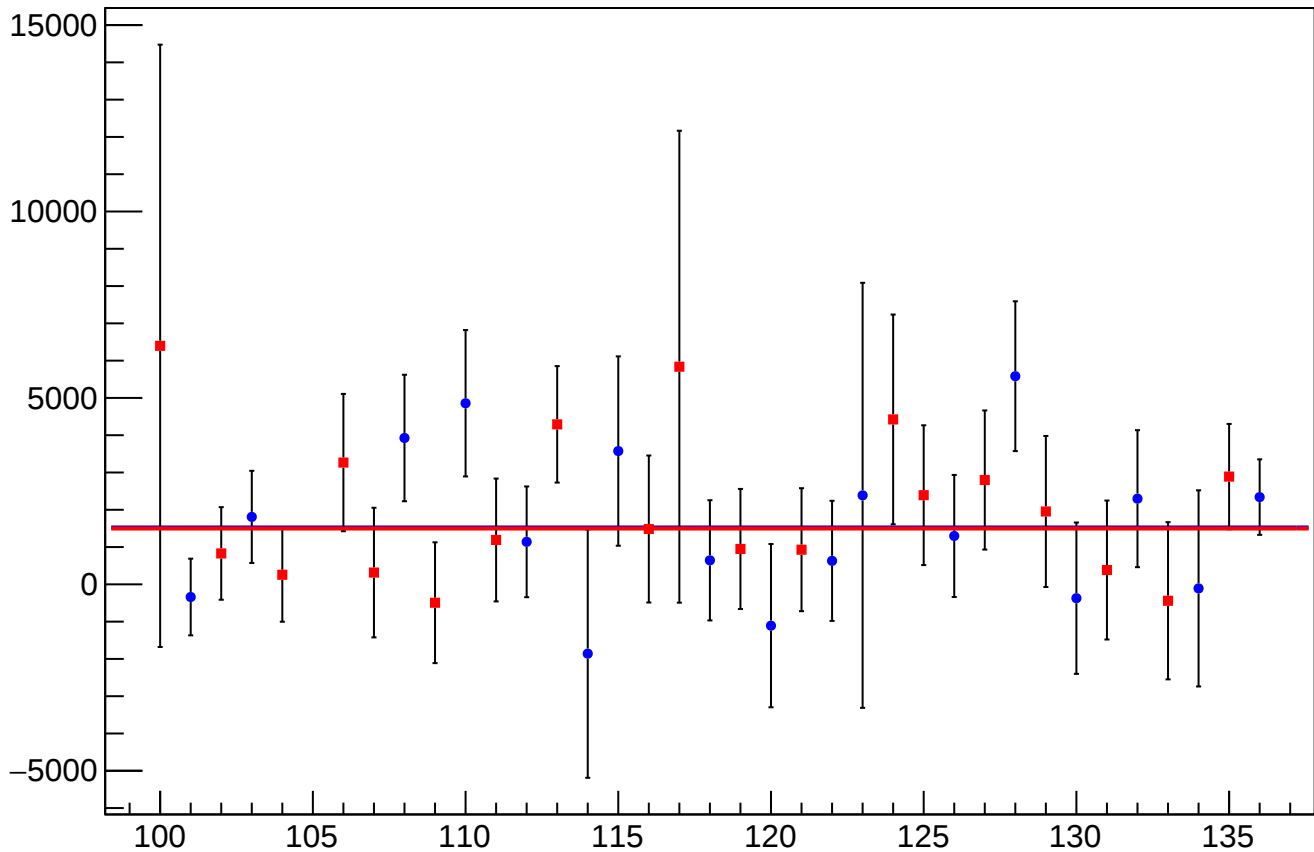
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

822.527+/-0.232 χ^2/NDF : 600956.1/16

848.902+/-0.166 χ^2/NDF : 1031403.2/35

876.975+/-0.239 χ^2/NDF : 403682.9/18

asym_right_avg_mean vs Slug, Sign Corrected



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

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

Right Out: 1497.373+/-405.868 χ^2/NDF : 12.5/18

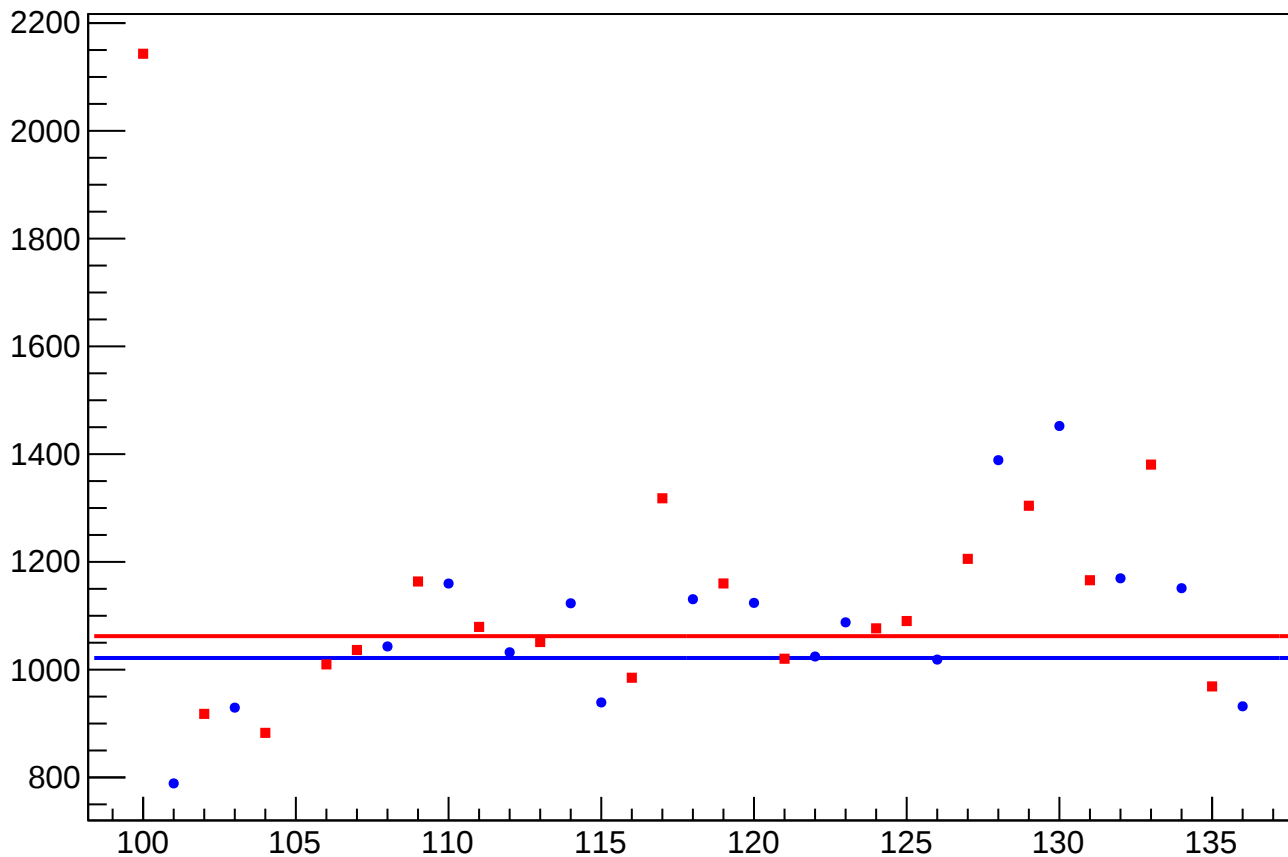
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1525.470+/-401.784 χ^2/NDF : 18.2/16

1511.564+/-285.537 χ^2/NDF : 30.7/35

1497.373+/-405.868 χ^2/NDF : 12.5/18

asym_right_avg_rms vs Slug, Sign Corrected



Right In: 1021.665 $\pm$ 0.284 χ^2 /NDF: 331949.3/16

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

Right Out: 1062.201 $\pm$ 0.287 χ^2 /NDF: 229990.6/18

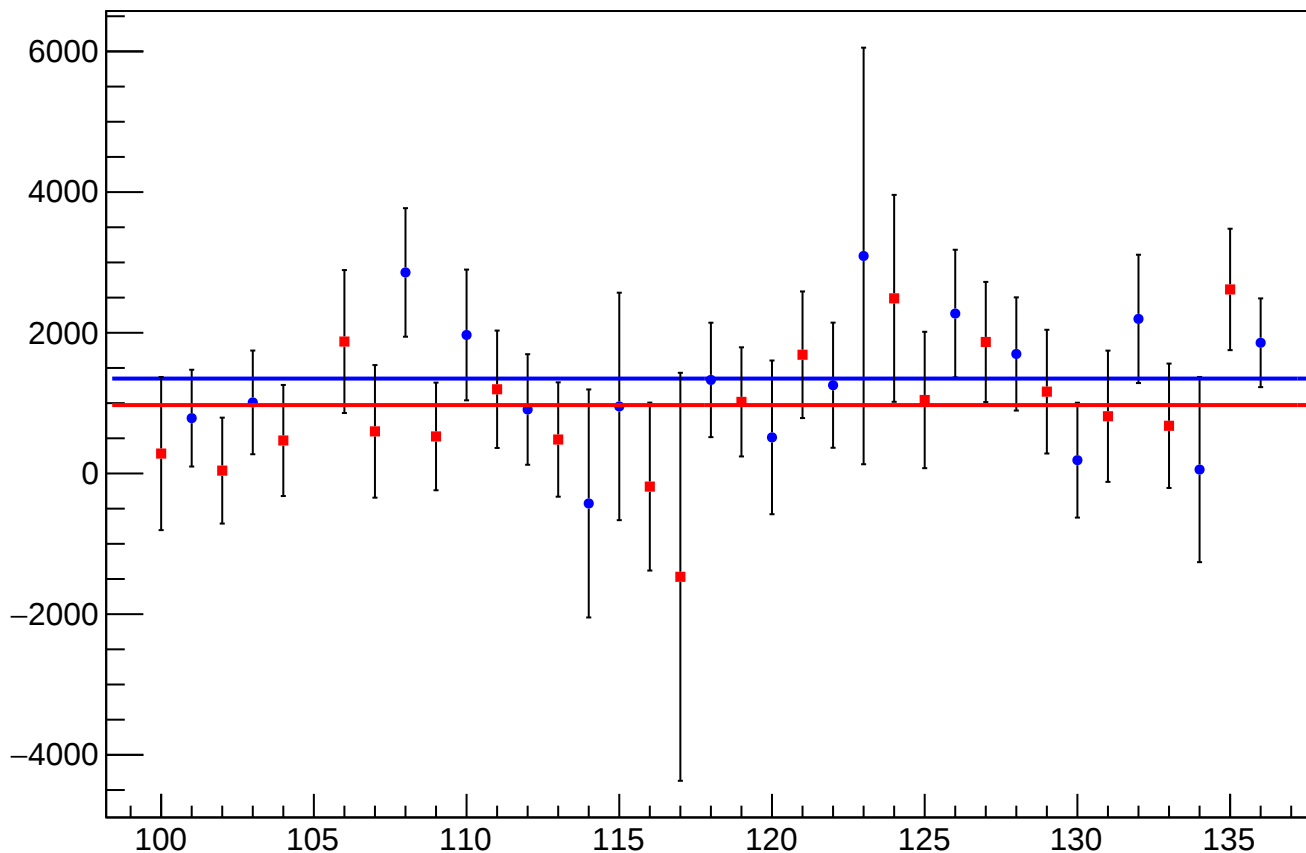
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1021.665 $\pm$ 0.284 χ^2 /NDF: 331949.3/16

1041.728 $\pm$ 0.202 χ^2 /NDF: 572015.9/35

1062.201 $\pm$ 0.287 χ^2 /NDF: 229990.6/18

reg_asym_right_dd_mean vs Slug, Sign Corrected



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

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

Right Out: 972.370 $\pm$ 210.152 χ^2 /NDF: 12.3/18

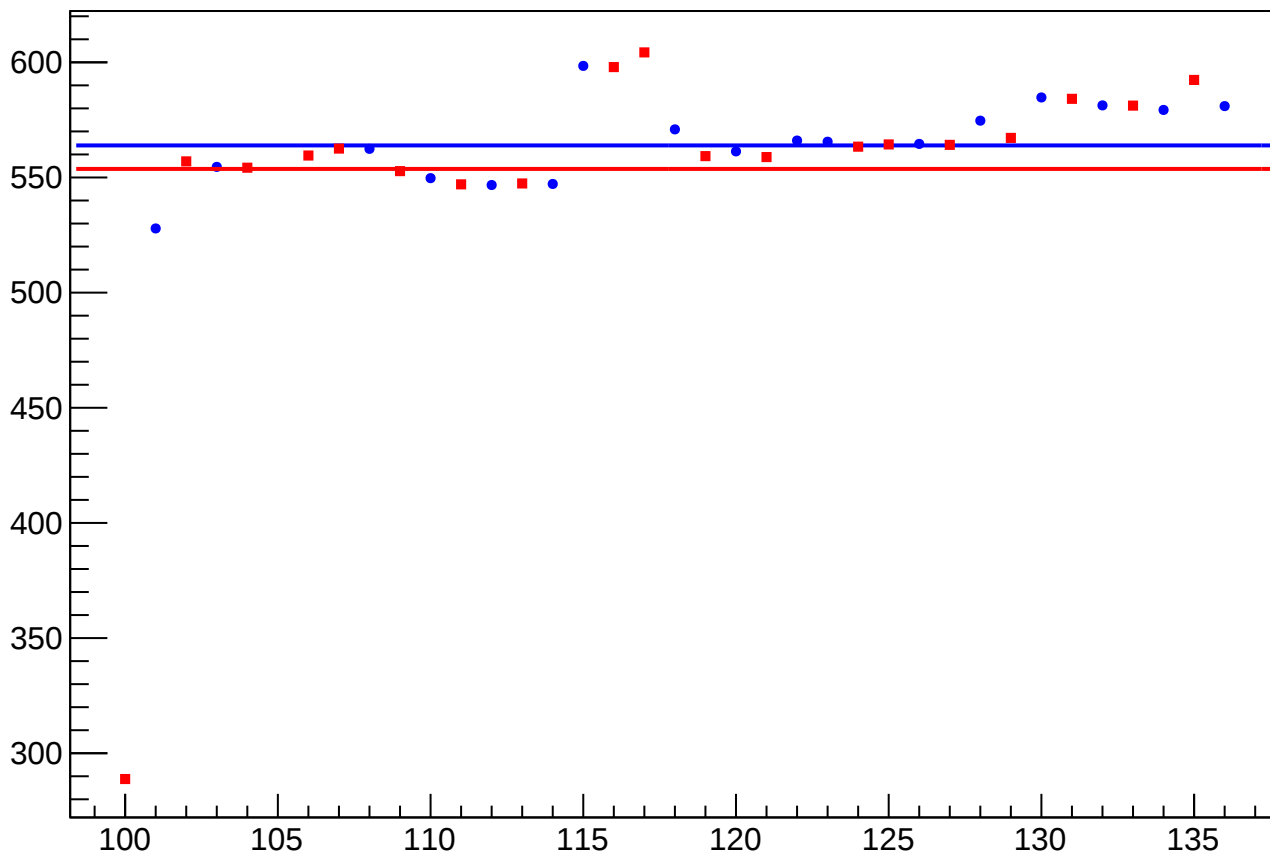
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1153.547 $\pm$ 151.419 χ^2 /NDF: 26.2/35

972.370 $\pm$ 210.152 χ^2 /NDF: 12.3/18

reg_asym_right_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 553.718 $\pm$ 0.149 χ^2 /NDF: 131681.7/18

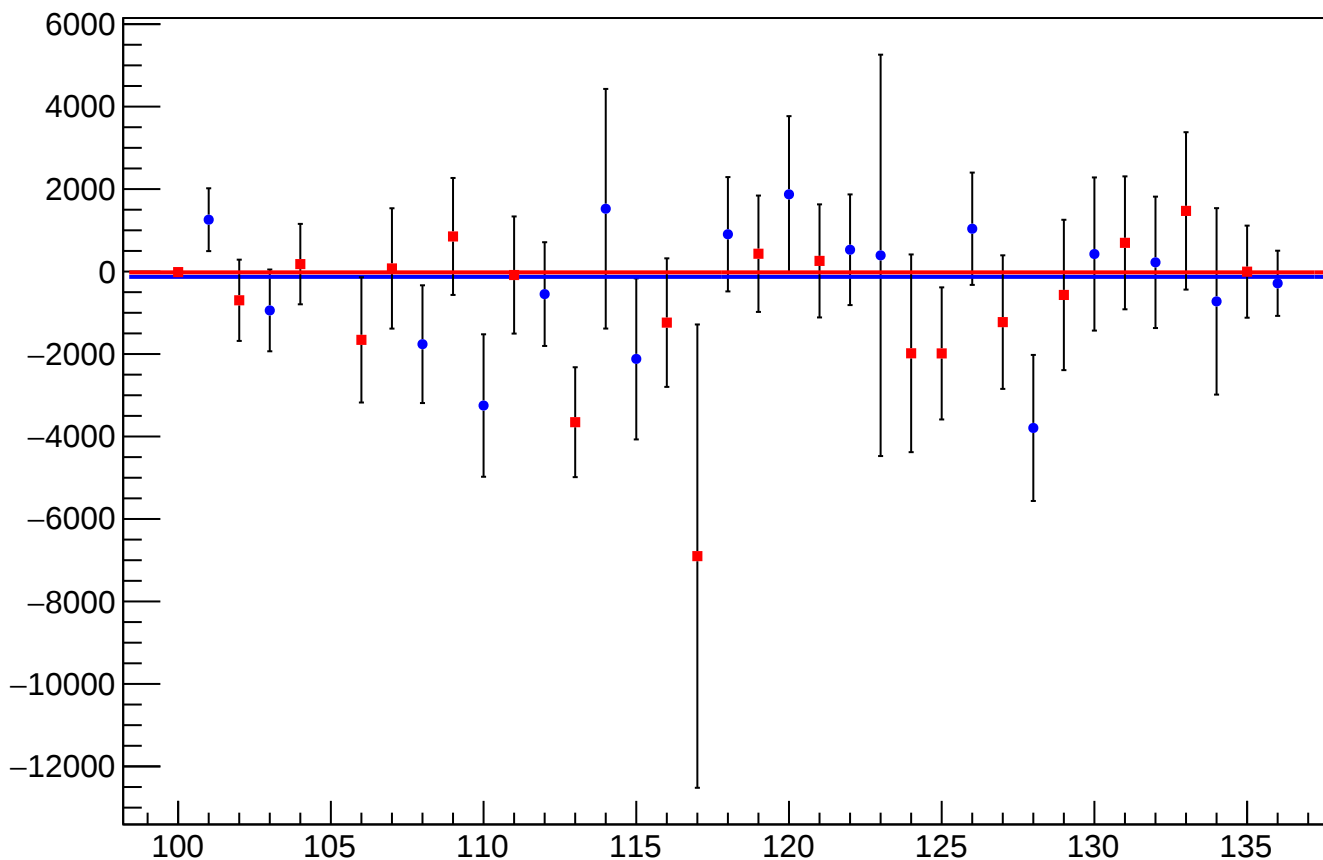
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

558.625 $\pm$ 0.107 χ^2 /NDF: 146612.1/35

553.718 $\pm$ 0.149 χ^2 /NDF: 131681.7/18

asym_right_dd_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -19.427+/-38.963 χ^2/NDF : 15.4/18

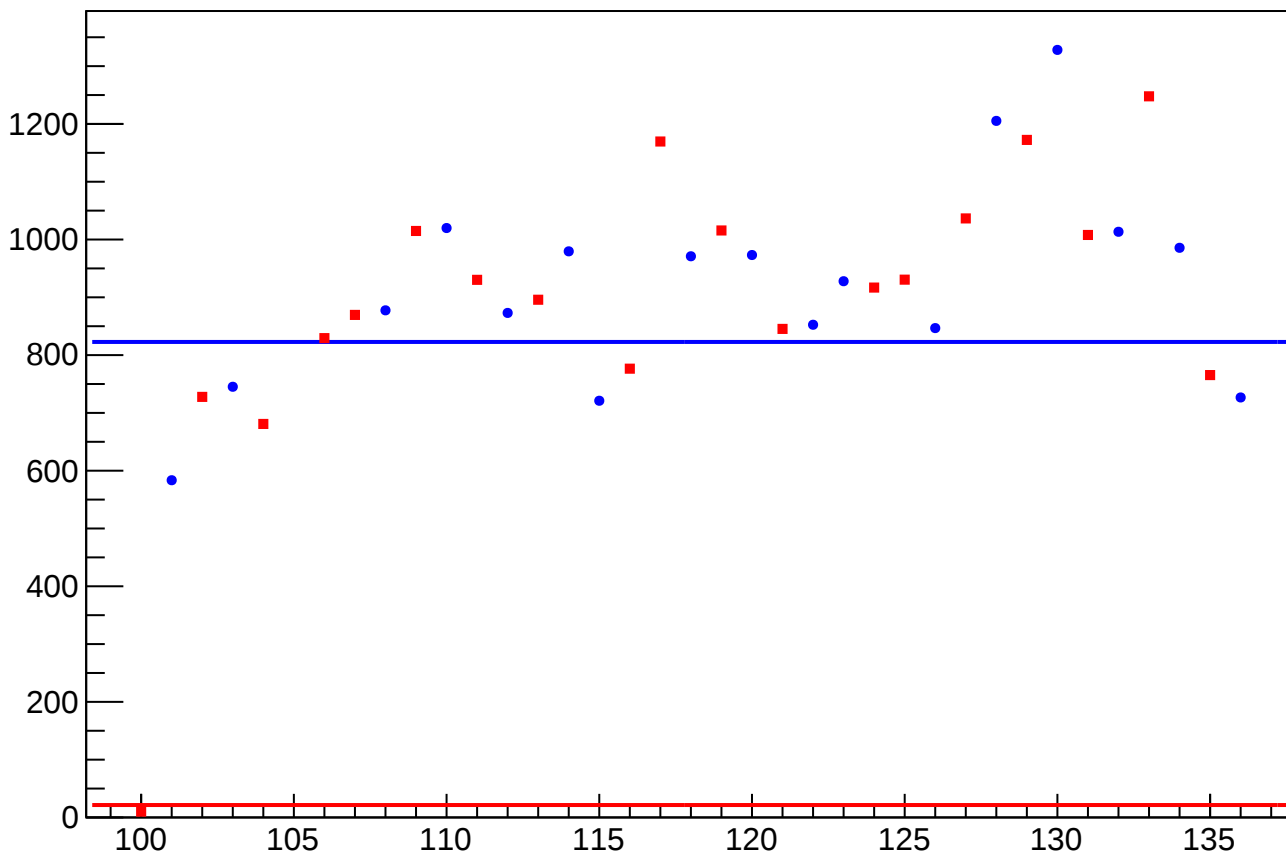
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-128.725+/-327.688 χ^2/NDF : 17.2/16

-20.951+/-38.690 χ^2/NDF : 32.7/35

-19.427+/-38.963 χ^2/NDF : 15.4/18

asym_right_dd_correction_rms vs Slug, Sign Corrected



Right In: 822.780 $\pm$ 0.232 χ^2 /NDF: 600873.9/16

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

Right Out: 21.501 $\pm$ 0.028 χ^2 /NDF: 13251250.8/18

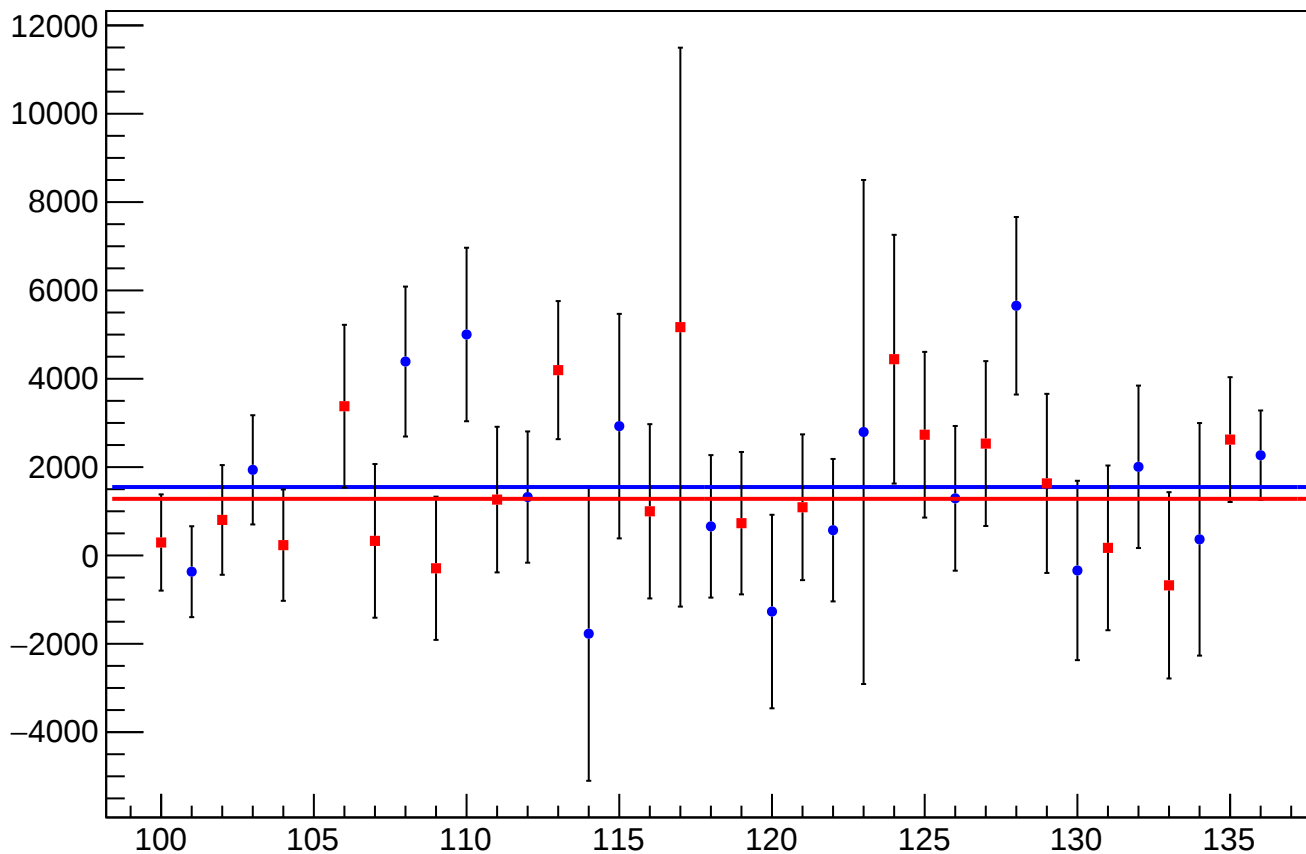
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

822.780 $\pm$ 0.232 χ^2 /NDF: 600873.9/16

32.672 $\pm$ 0.027 χ^2 /NDF: 25643904.2/35

21.501 $\pm$ 0.028 χ^2 /NDF: 13251250.8/18

asym_right_dd_mean vs Slug, Sign Corrected



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

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

Right Out: 1281.735 $\pm$ 380.943 χ^2 /NDF: 12.7/18

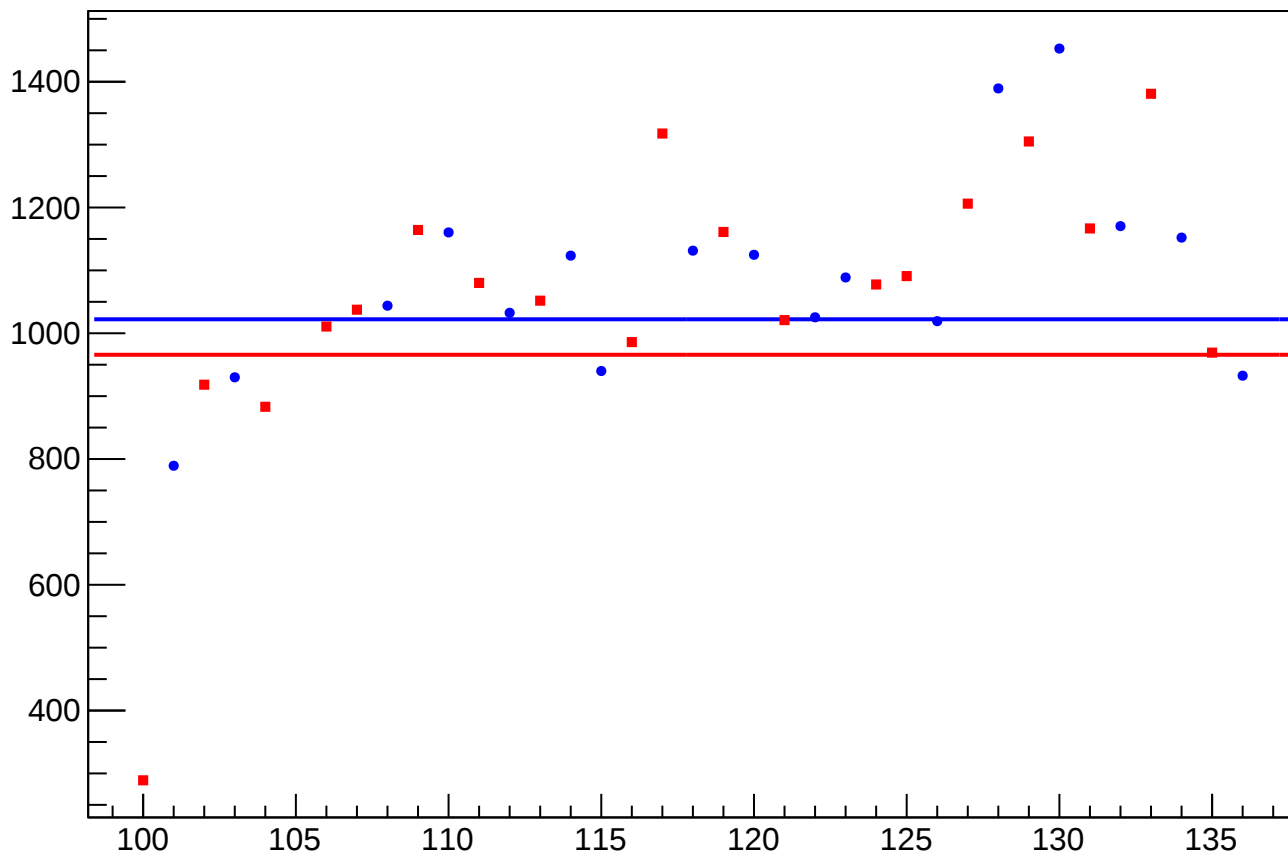
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1408.122 $\pm$ 276.515 χ^2 /NDF: 31.9/35

1281.735 $\pm$ 380.943 χ^2 /NDF: 12.7/18

asym_right_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 965.790 $\pm$ 0.269 χ^2 /NDF: 1073474.7/18

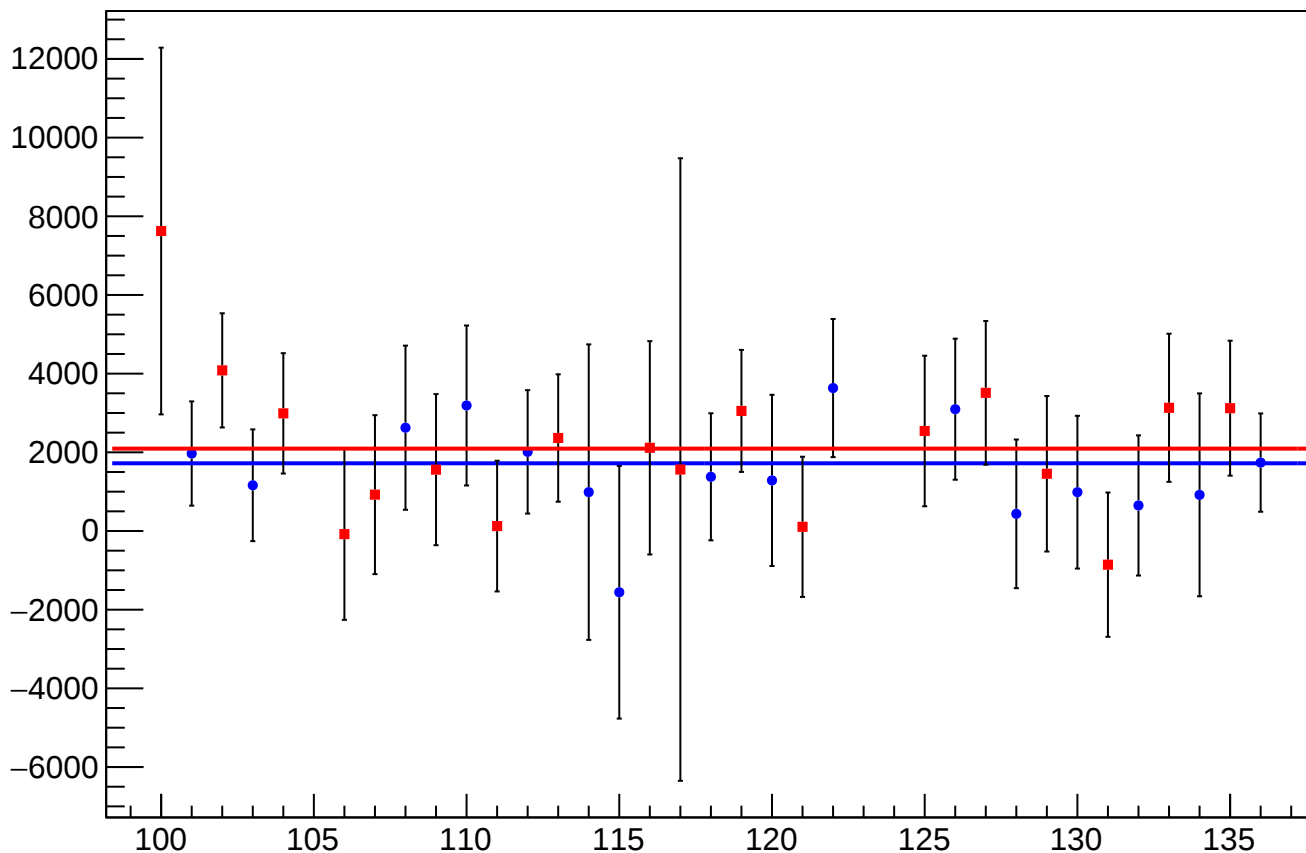
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

992.498 $\pm$ 0.196 χ^2 /NDF: 1426119.3/35

965.790 $\pm$ 0.269 χ^2 /NDF: 1073474.7/18

cor_usl_mean vs Slug, Sign Corrected



Right In: 1721.159+/-447.545 χ^2/NDF : 4.9/15

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

Right Out: 2093.811+/-445.014 χ^2/NDF : 12.1/17

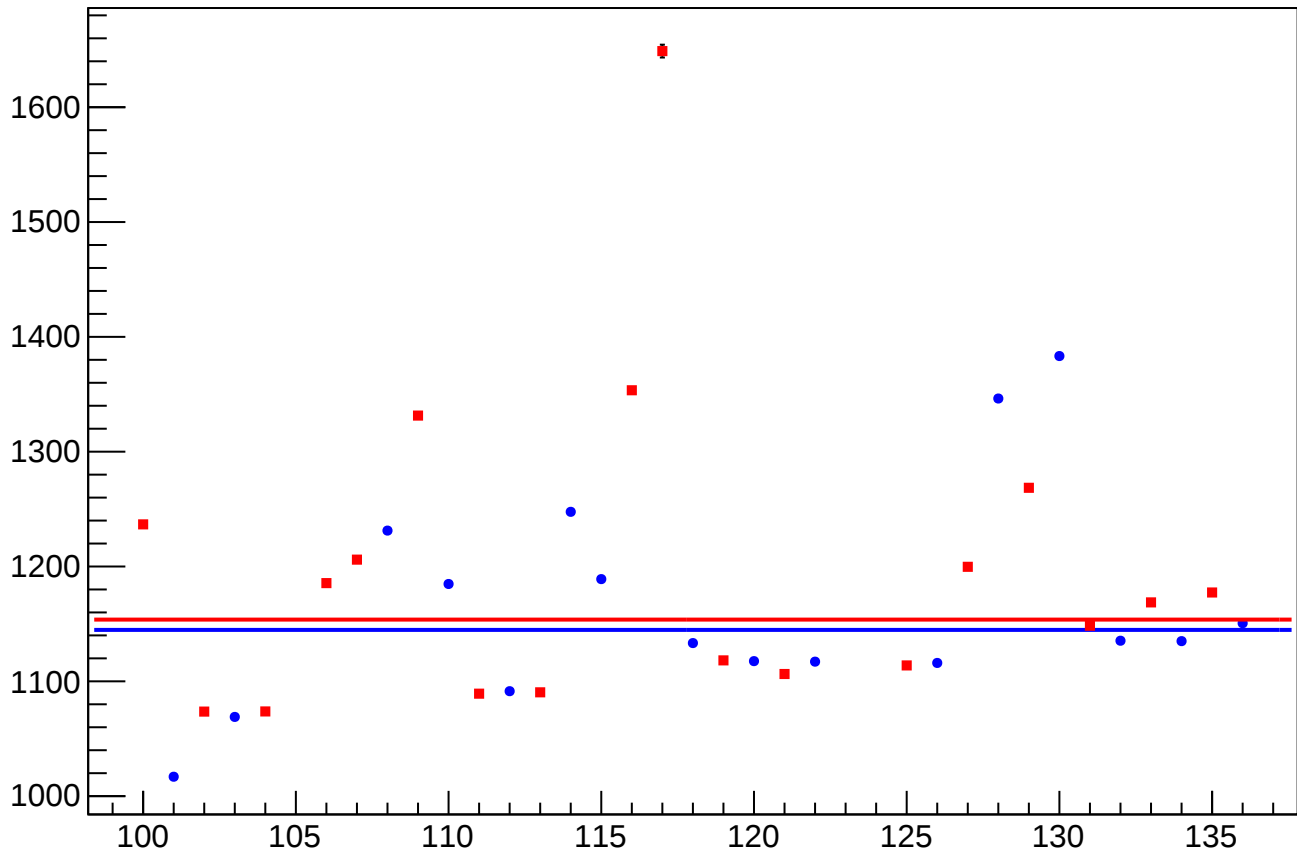
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1721.159+/-447.545 χ^2/NDF : 4.9/15

1908.542+/-315.564 χ^2/NDF : 17.4/33

2093.811+/-445.014 χ^2/NDF : 12.1/17

cor_usl_rms vs Slug, Sign Corrected



Right In: 1144.785 $\pm$ 0.316 χ^2 /NDF: 87182.5/15

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

Right Out: 1153.761 $\pm$ 0.315 χ^2 /NDF: 67695.5/17

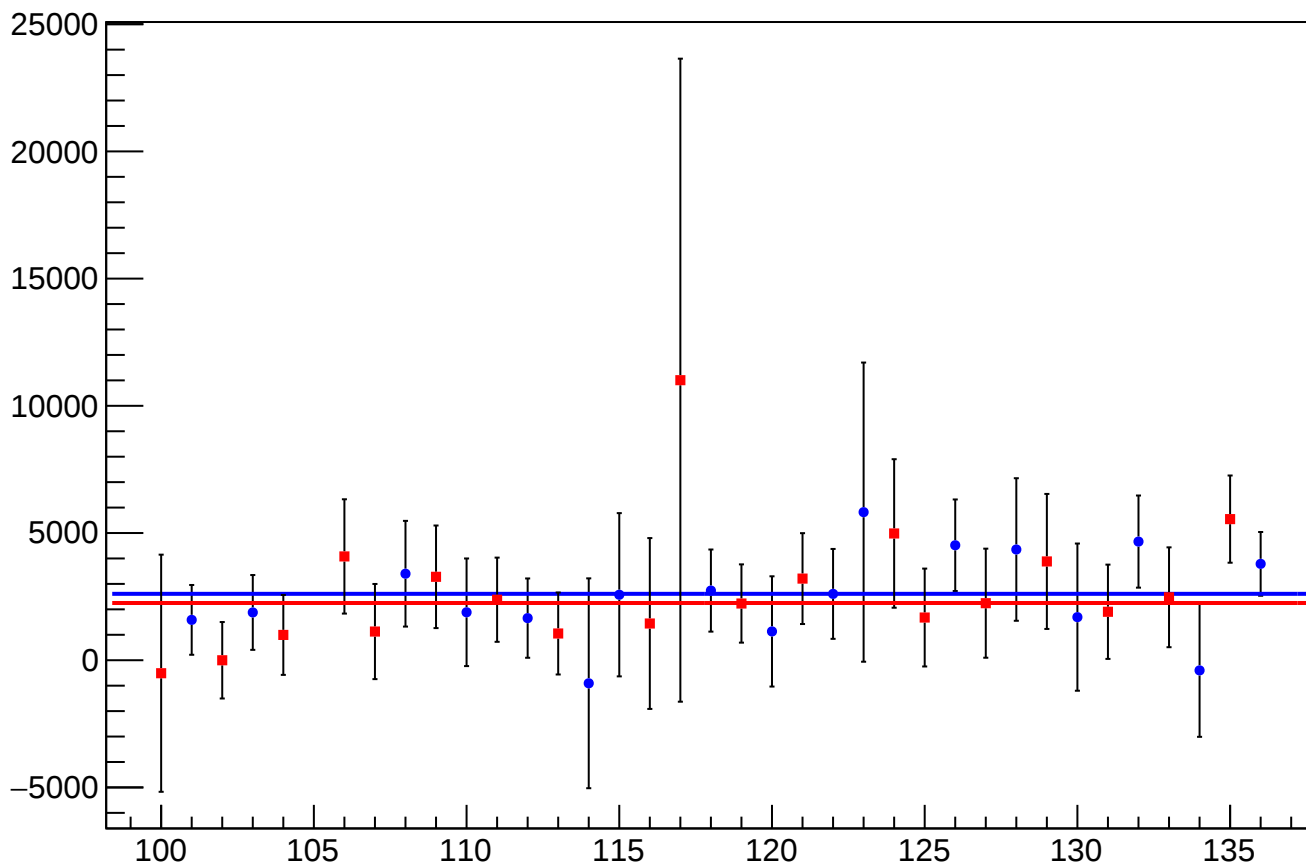
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1144.785 $\pm$ 0.316 χ^2 /NDF: 87182.5/15

1149.298 $\pm$ 0.223 χ^2 /NDF: 155282.5/33

1153.761 $\pm$ 0.315 χ^2 /NDF: 67695.5/17

cor_usr_mean vs Slug, Sign Corrected



Right In: 2609.909 $\pm$ 465.873 χ^2 /NDF: 8.1/16

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

Right Out: 2249.642 $\pm$ 454.344 χ^2 /NDF: 11.0/18

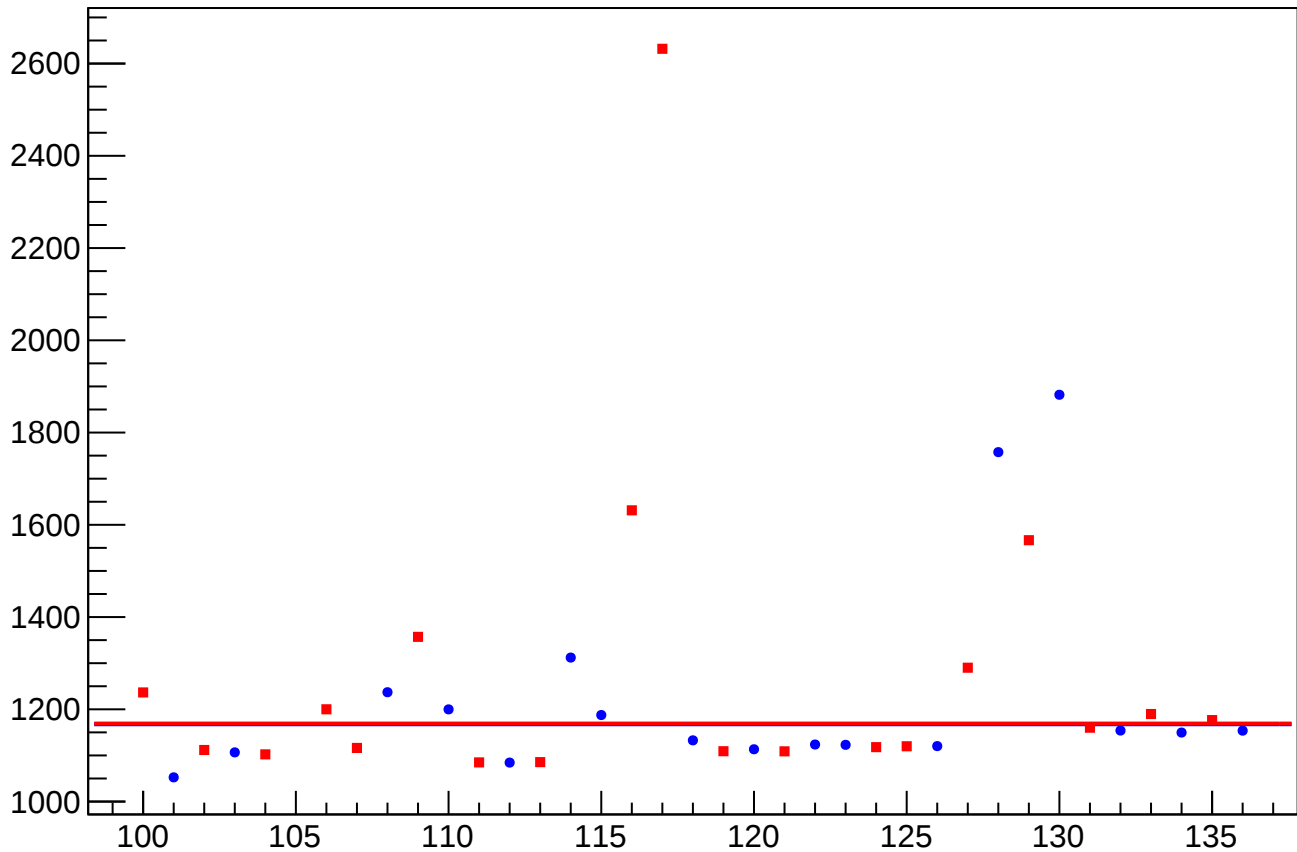
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2609.909 $\pm$ 465.873 χ^2 /NDF: 8.1/16

2425.263 $\pm$ 325.269 χ^2 /NDF: 19.4/35

2249.642 $\pm$ 454.344 χ^2 /NDF: 11.0/18

cor_usr_rms vs Slug, Sign Corrected



Right In: 1167.625 $\pm$ 0.329 χ^2 /NDF: 244461.7/16

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

Right Out: 1169.056 $\pm$ 0.321 χ^2 /NDF: 160401.0/18

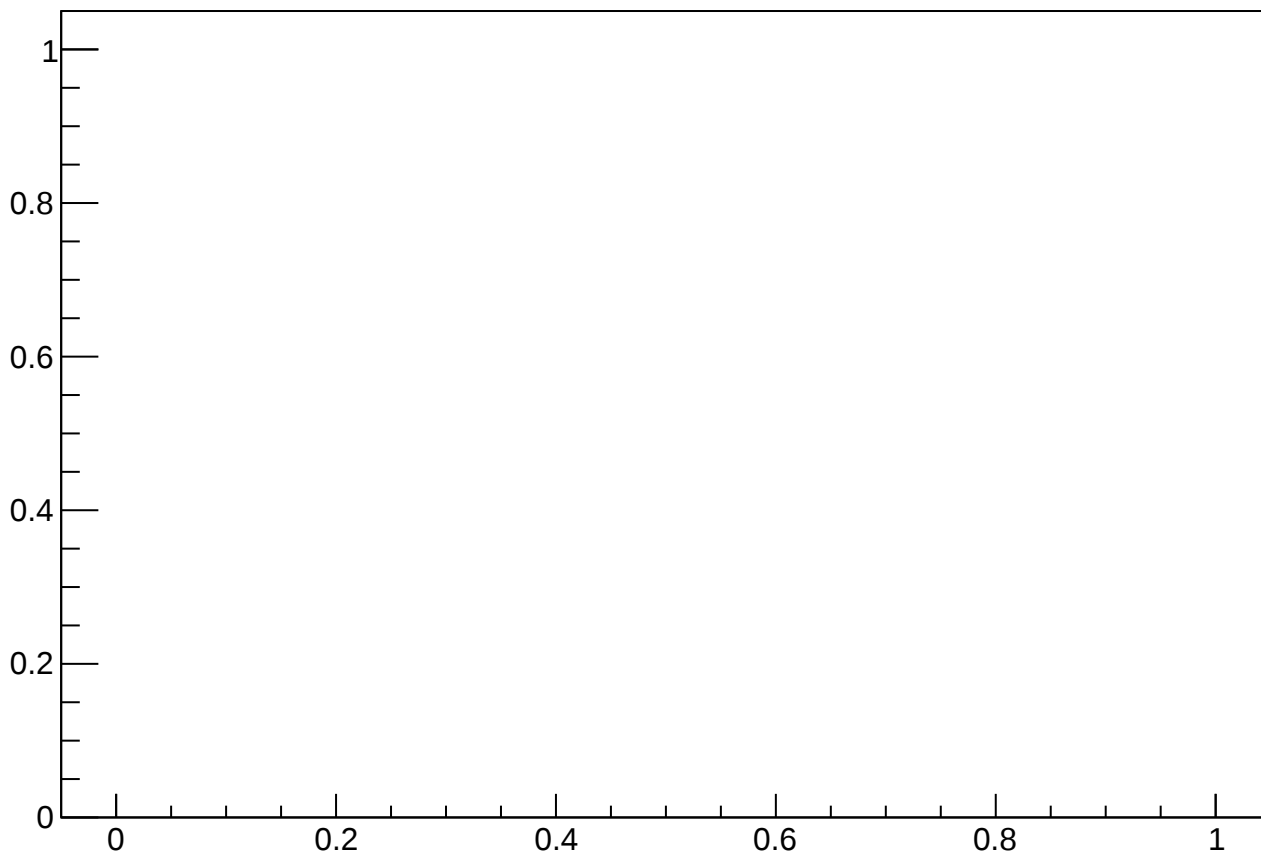
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1167.625 $\pm$ 0.329 χ^2 /NDF: 244461.7/16

1168.358 $\pm$ 0.230 χ^2 /NDF: 404872.4/35

1169.056 $\pm$ 0.321 χ^2 /NDF: 160401.0/18

cor_dsl_mean vs Slug, Sign Corrected



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

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

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

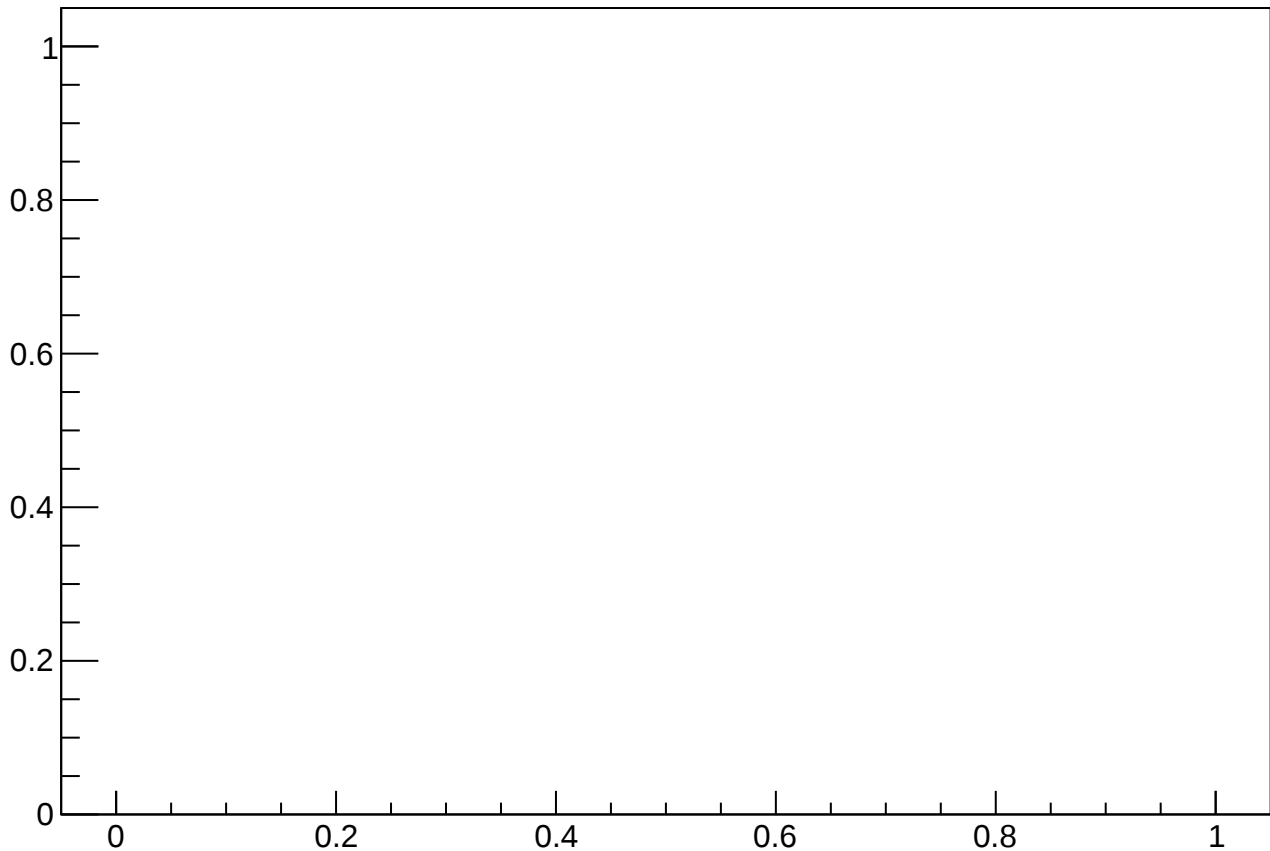
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_dsl_rms vs Slug, Sign Corrected



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

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

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

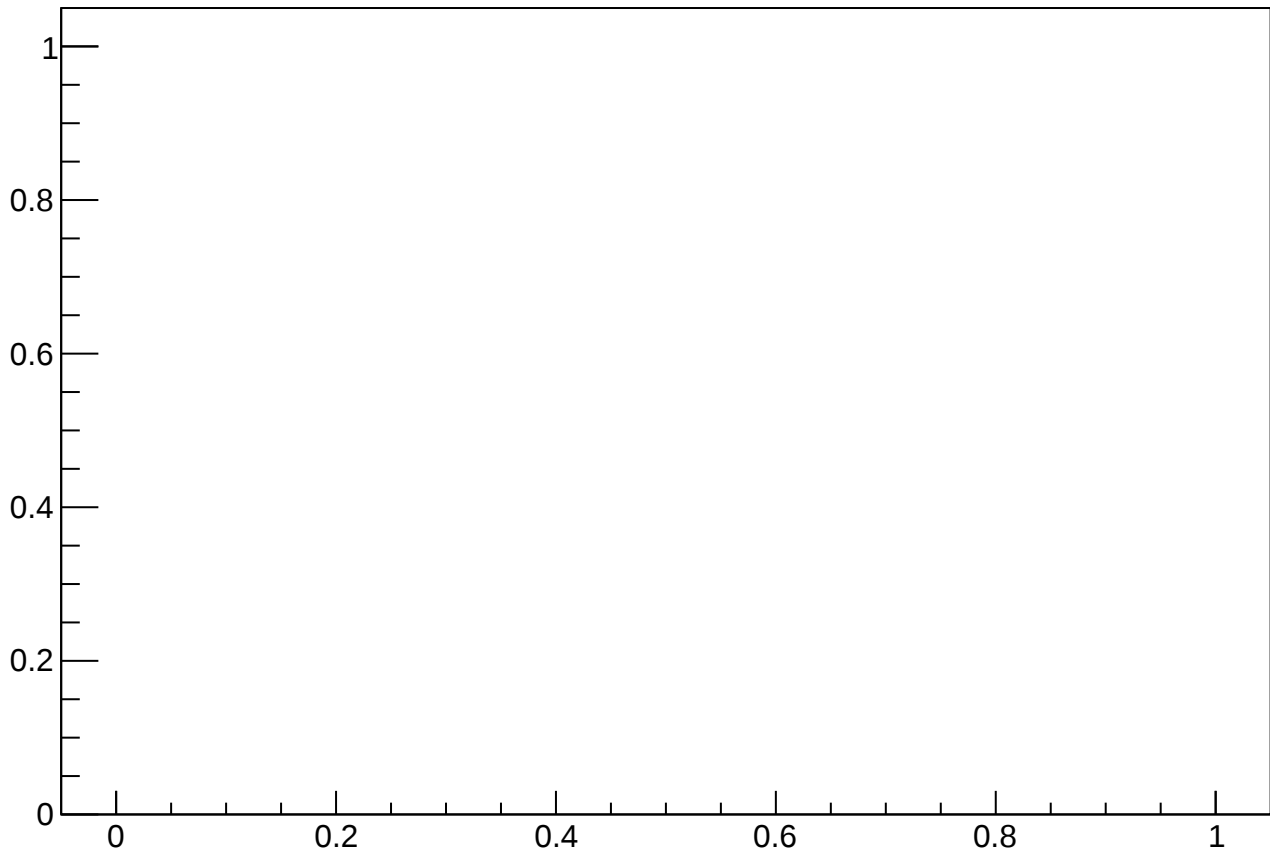
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

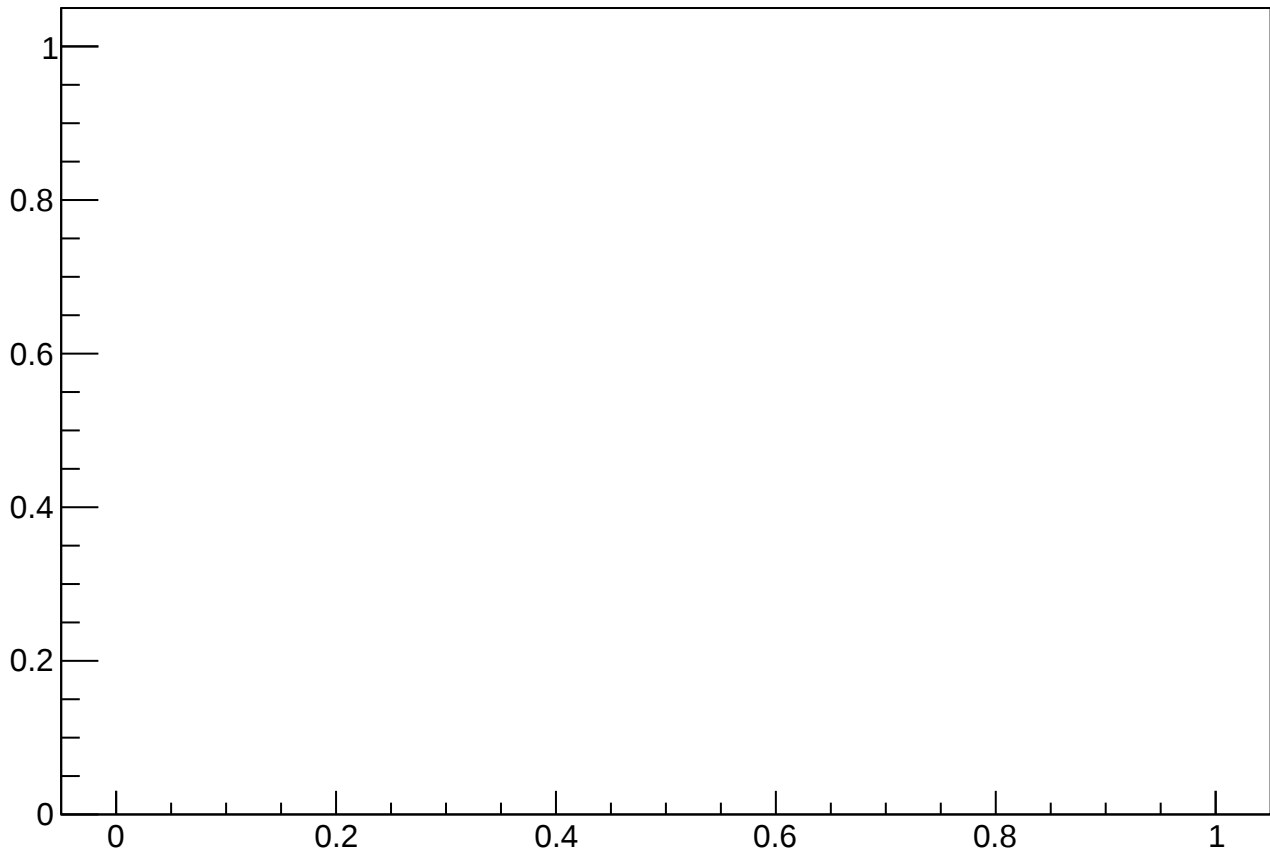
cor_dsr_mean vs Slug, Sign Corrected



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

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

cor_dsr_rms vs Slug, Sign Corrected



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

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

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

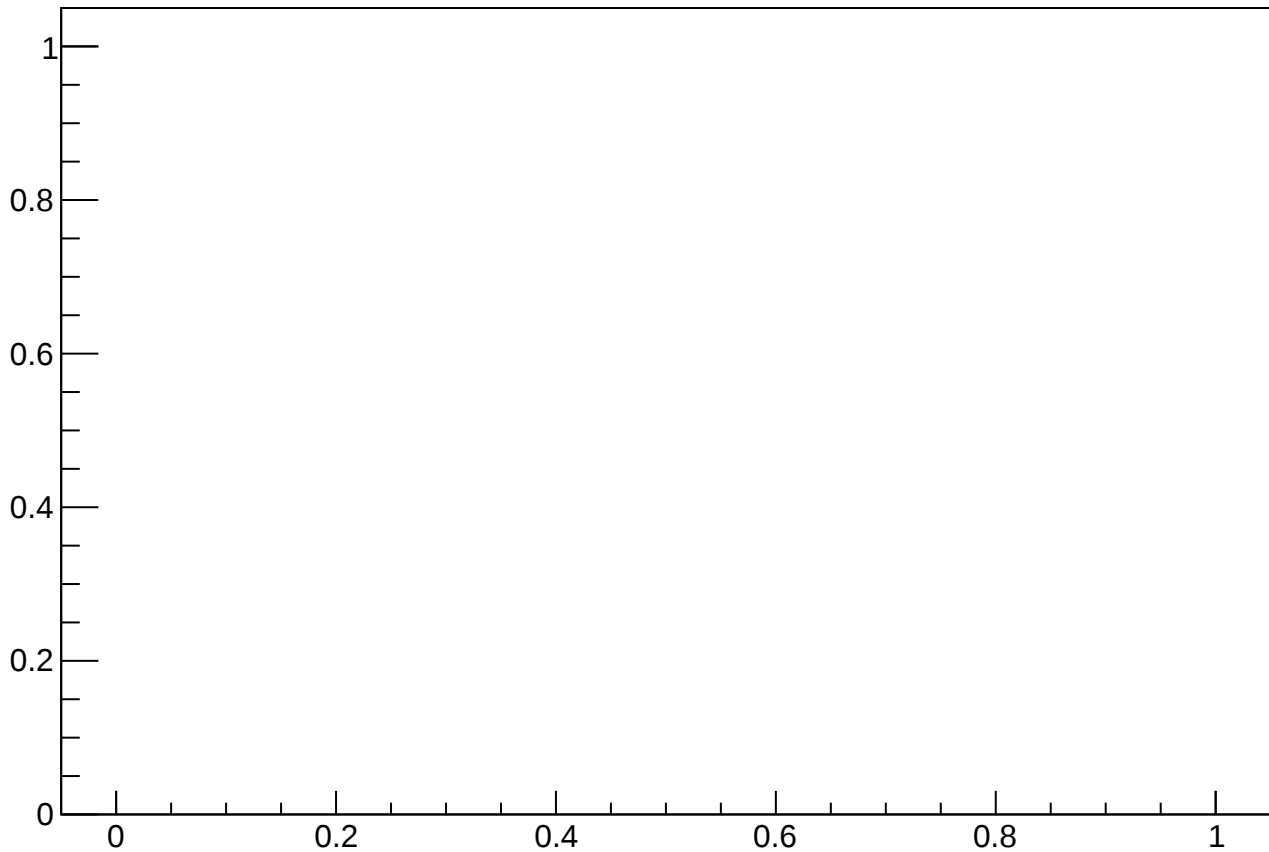
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_us_avg_mean vs Slug, Sign Corrected



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

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

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

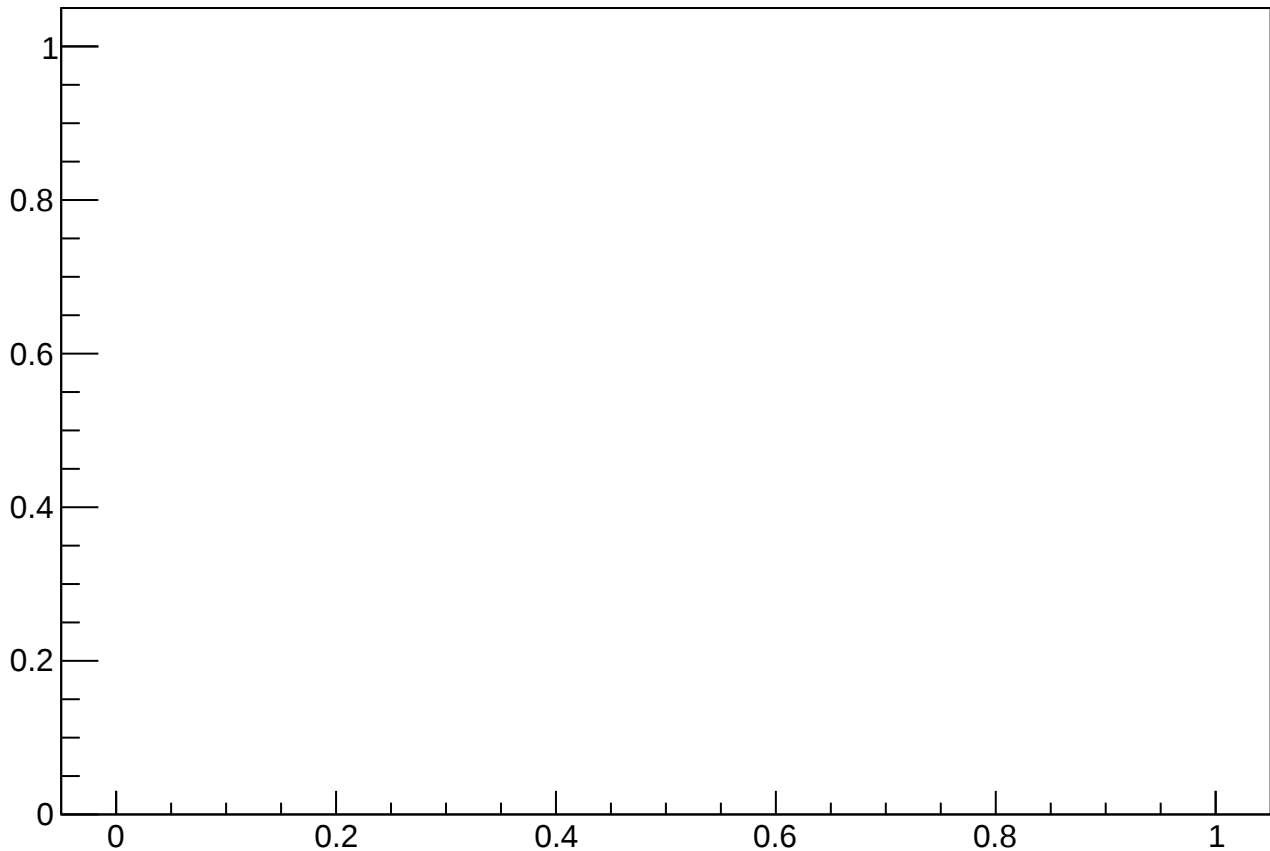
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_us_avg_rms vs Slug, Sign Corrected



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

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

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

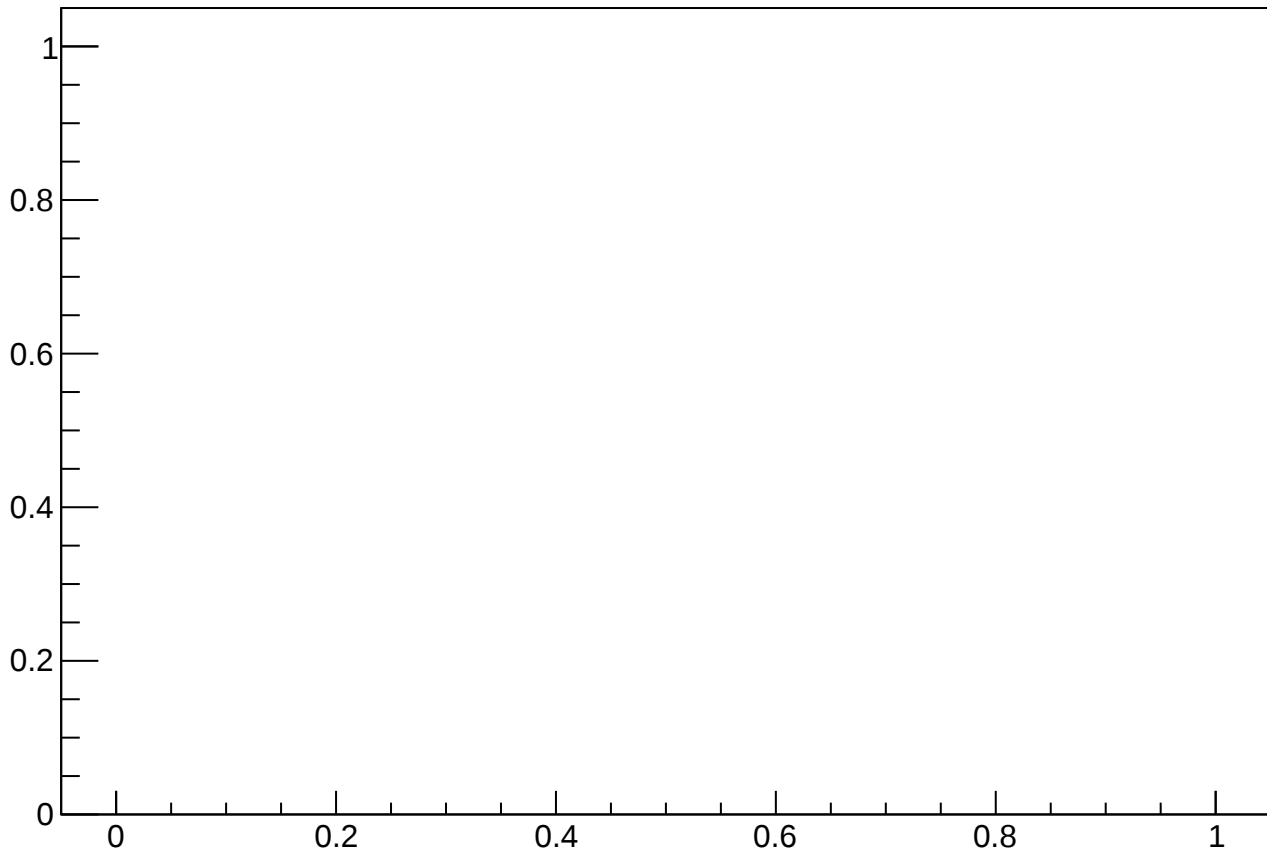
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

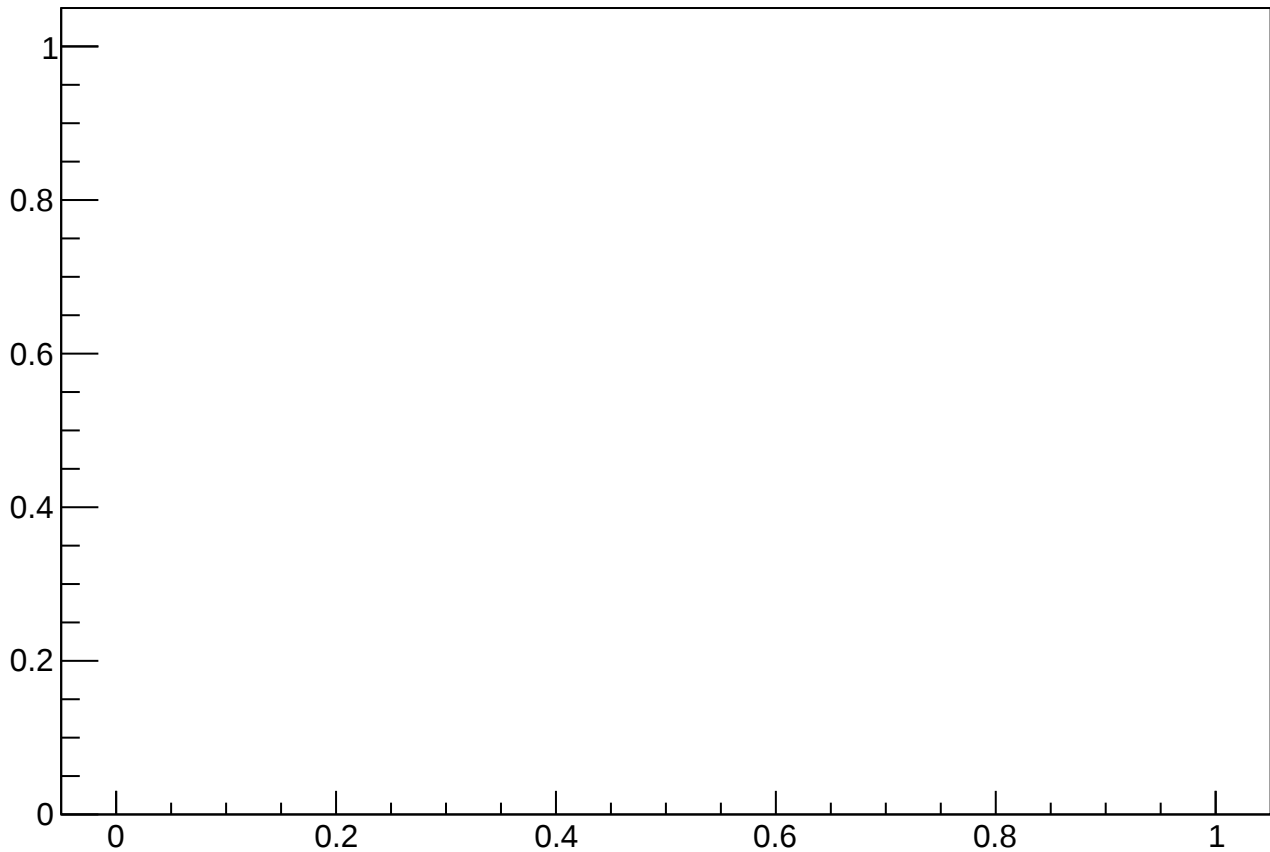
cor_us_dd_mean vs Slug, Sign Corrected



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

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

cor_us_dd_rms vs Slug, Sign Corrected



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

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

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

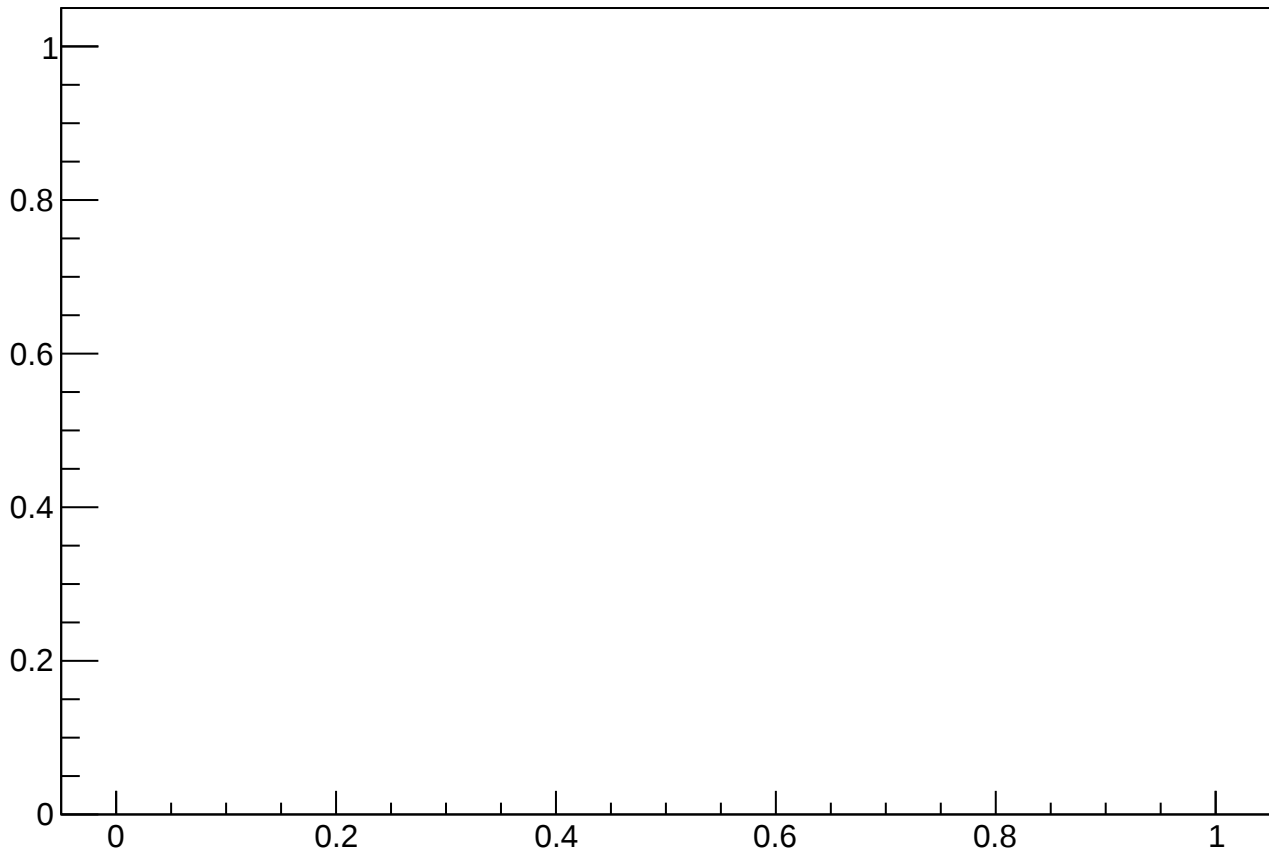
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_ds_avg_mean vs Slug, Sign Corrected



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

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

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

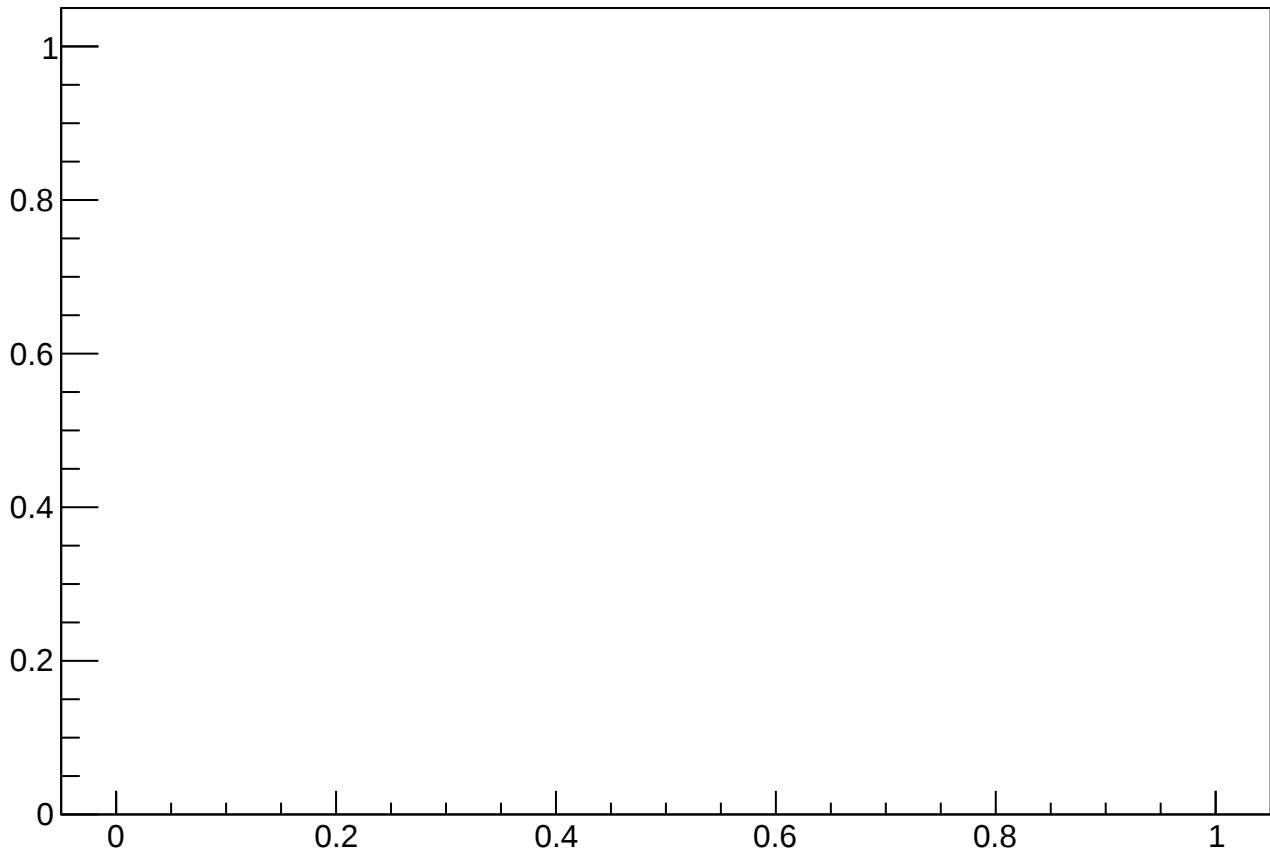
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_ds_avg_rms vs Slug, Sign Corrected



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

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

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

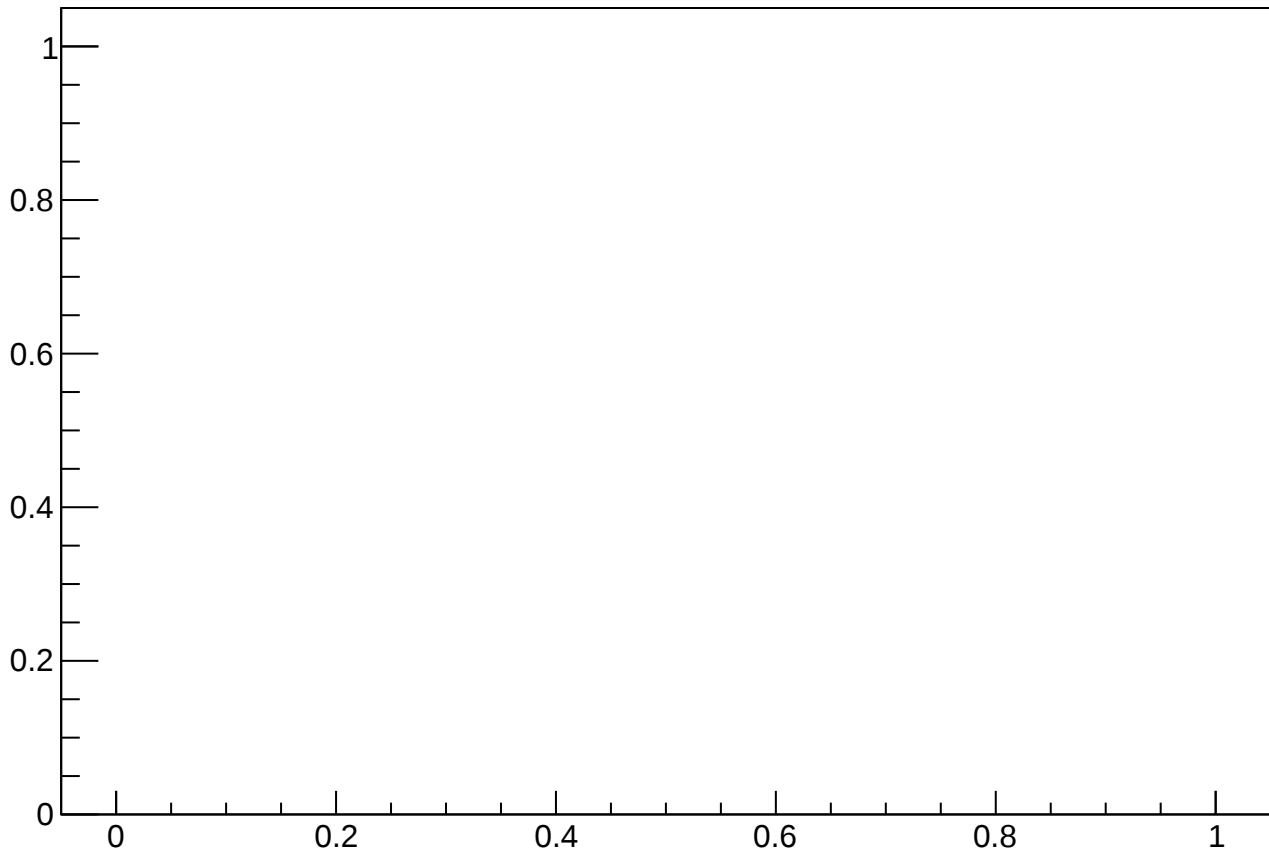
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

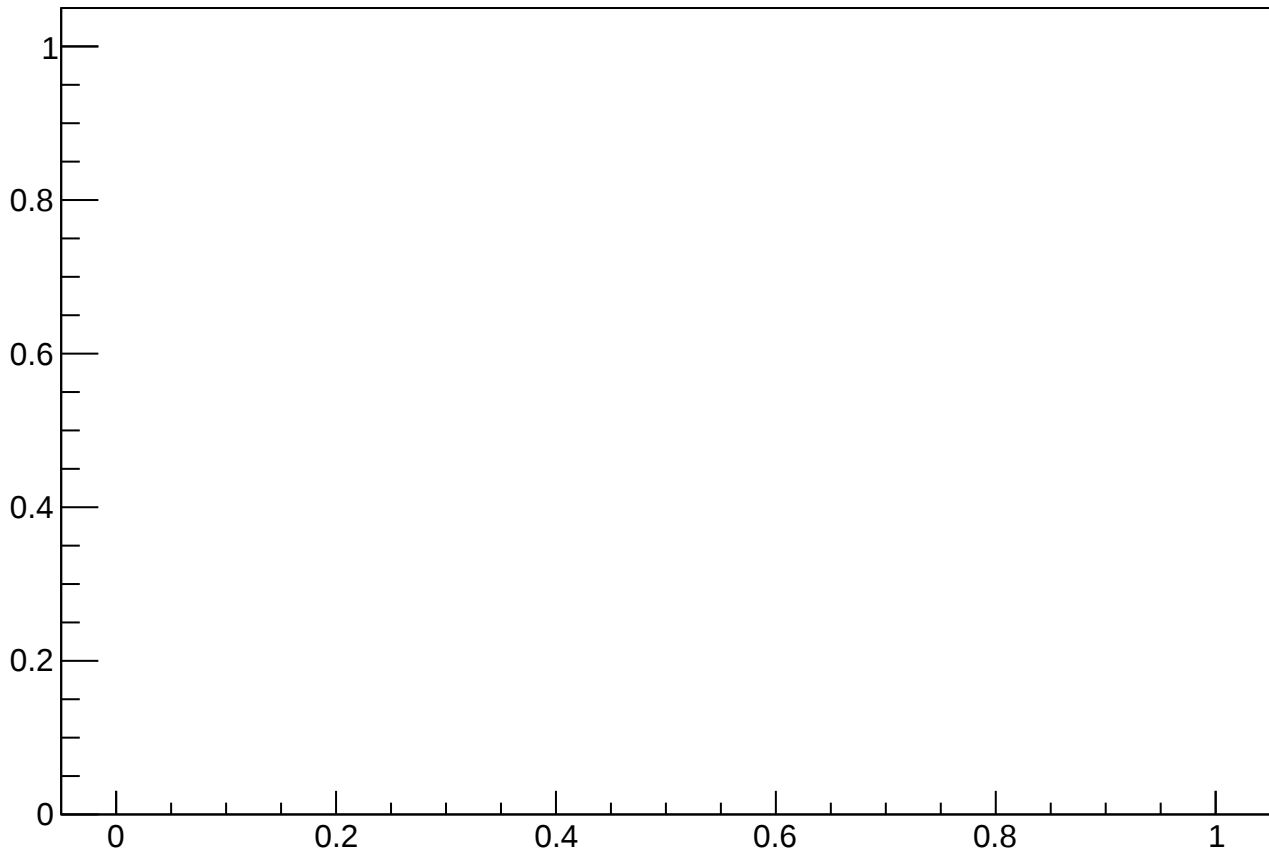
cor_ds_dd_mean vs Slug, Sign Corrected



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

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

cor_ds_dd_rms vs Slug, Sign Corrected



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

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

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

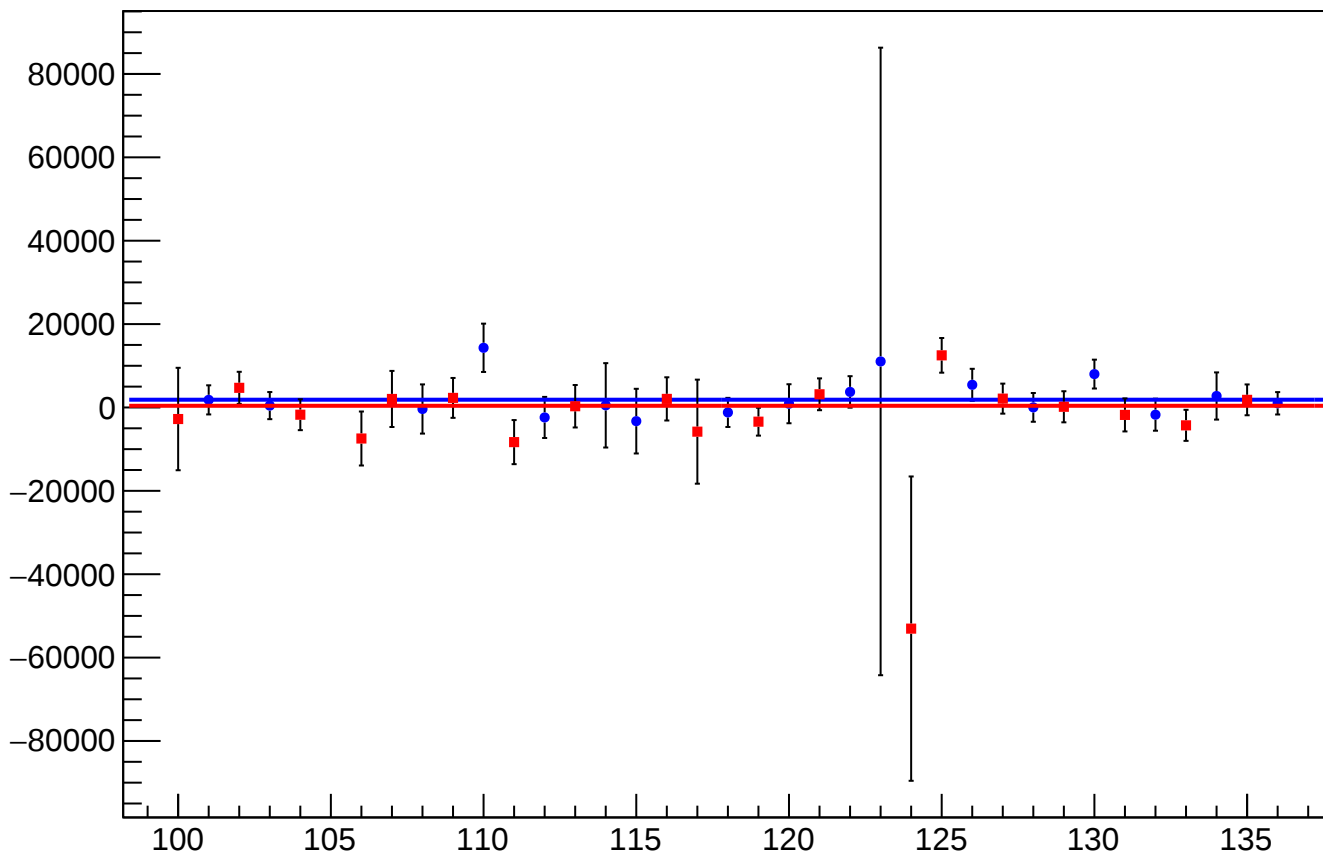
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1859.767 $\pm$ 1013.438 χ^2 /NDF: 12.5/16

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

Right Out: 403.694 $\pm$ 1037.304 χ^2 /NDF: 21.1/18

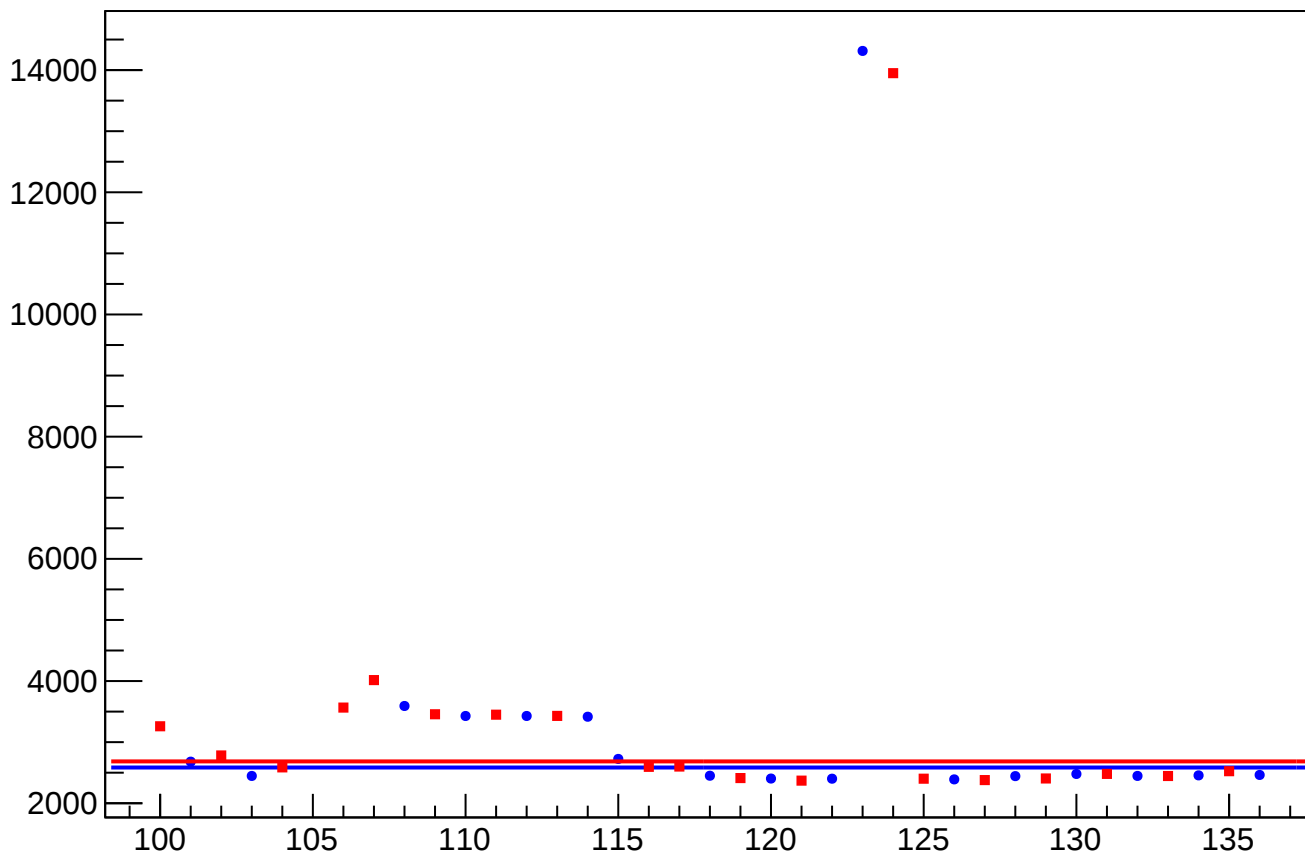
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1859.767 $\pm$ 1013.438 χ^2 /NDF: 12.5/16

1148.674 $\pm$ 724.900 χ^2 /NDF: 34.6/35

403.694 $\pm$ 1037.304 χ^2 /NDF: 21.1/18

reg_asym_atl1_rms vs Slug, Sign Corrected



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

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

Right Out: 2684.865+/-0.733 χ^2/NDF : 529240.1/18

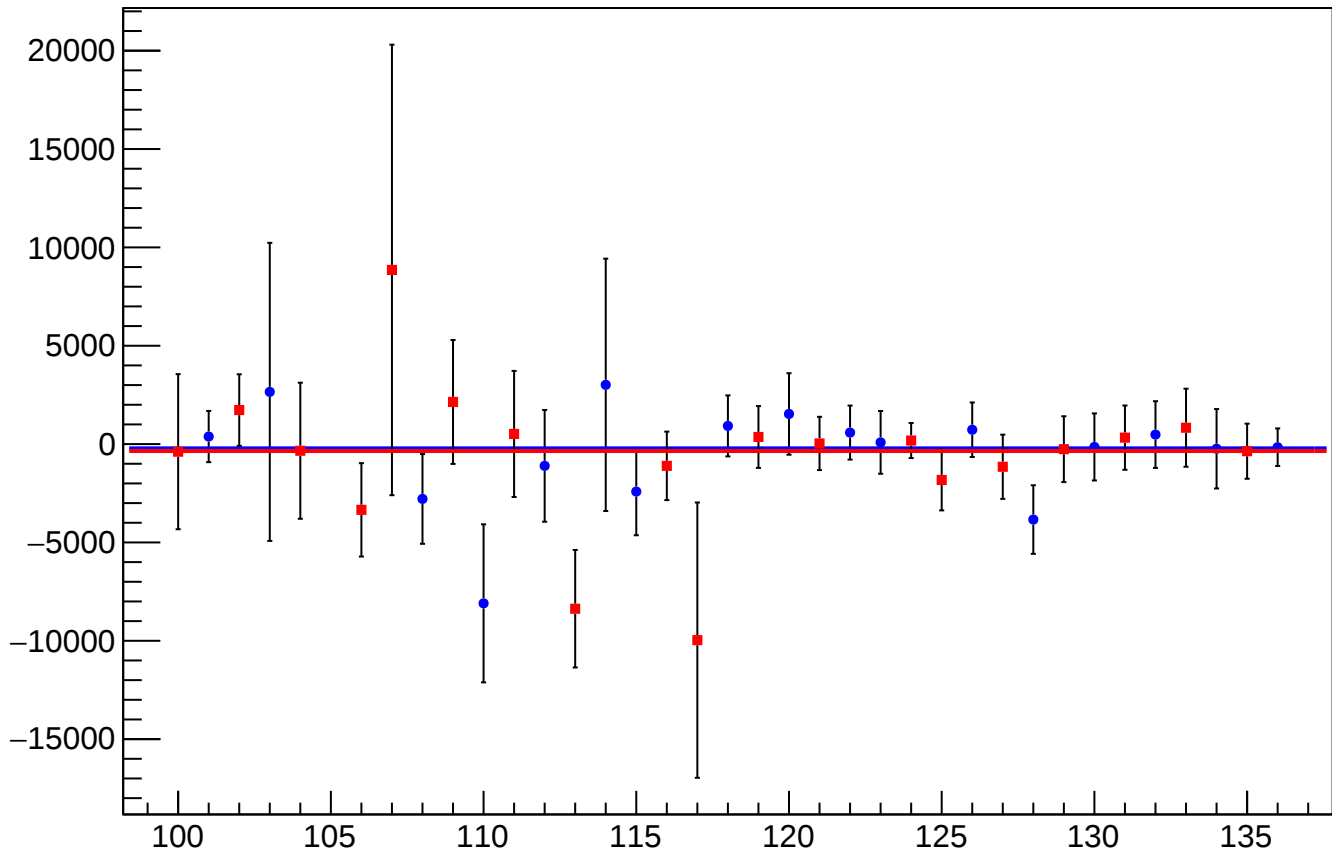
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2633.678+/-0.513 χ^2/NDF : 794469.3/35

2684.865+/-0.733 χ^2/NDF : 529240.1/18

asym_atl1_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -352.165 ± 415.172 χ^2/NDF : 15.9/18

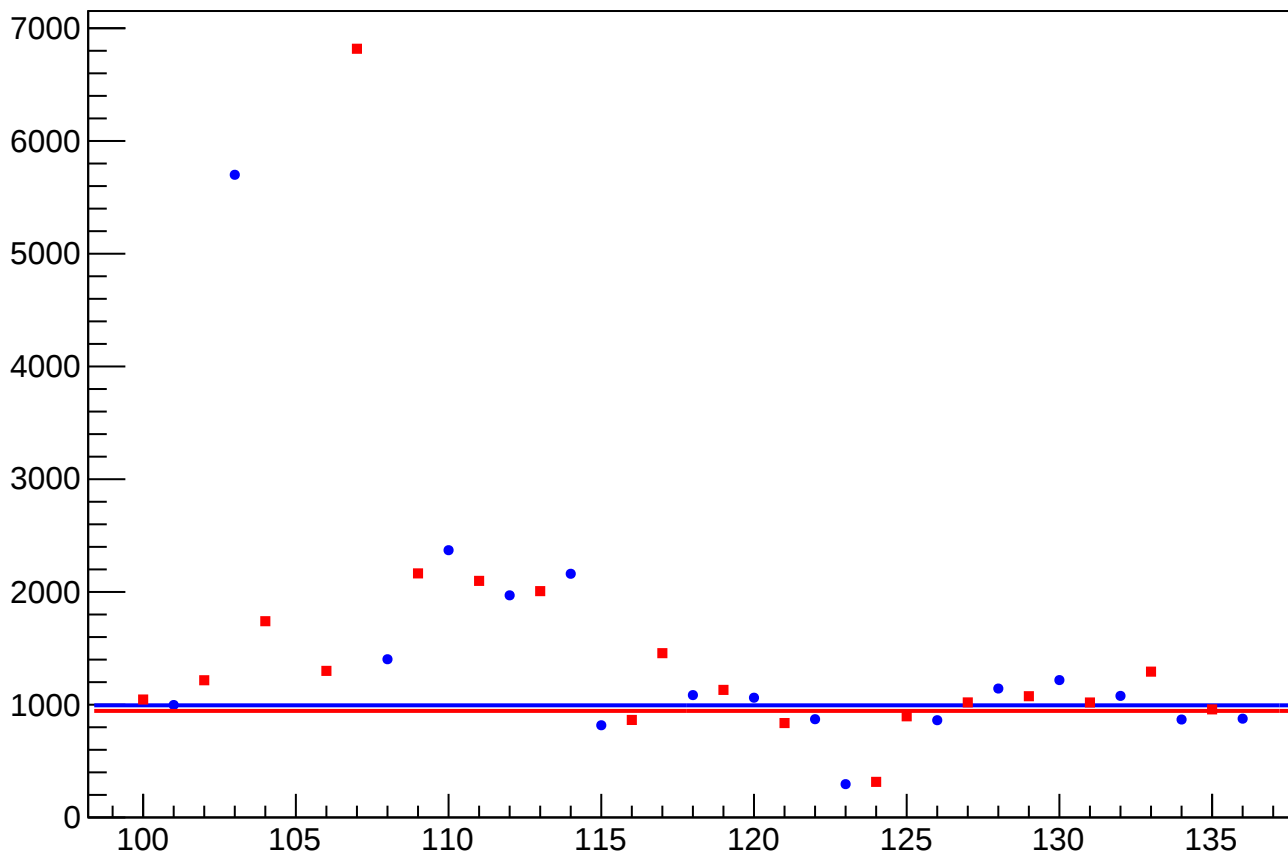
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-217.017 ± 420.077 χ^2/NDF : 13.4/16

-285.384 ± 295.290 χ^2/NDF : 29.3/35

-352.165 ± 415.172 χ^2/NDF : 15.9/18

asym_atl1_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 945.061+/-0.294 χ^2/NDF : 2676378.3/18

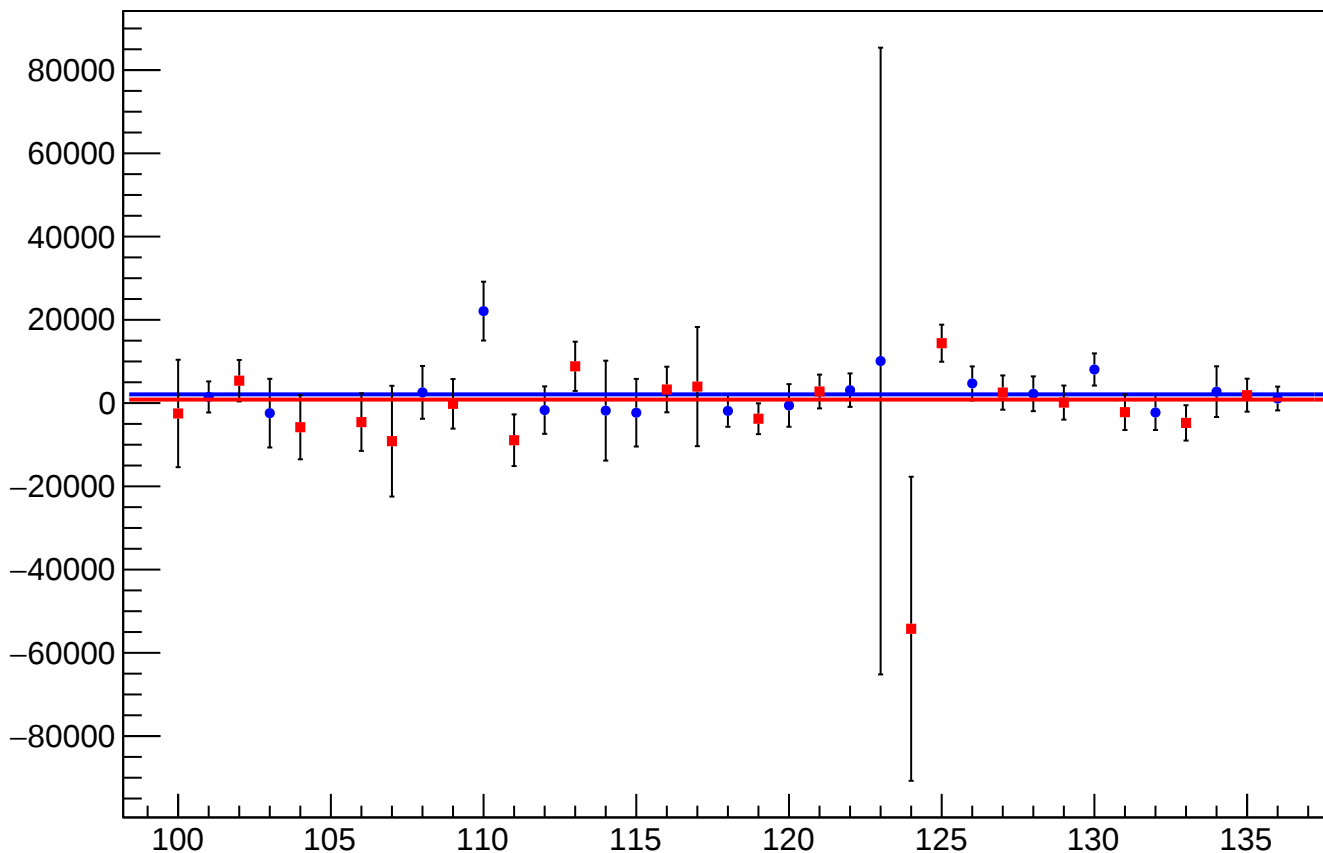
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

969.511+/-0.209 χ^2/NDF : 4594964.2/35

945.061+/-0.294 χ^2/NDF : 2676378.3/18

asym_atl1_mean vs Slug, Sign Corrected



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

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

Right Out: 837.997+/-1205.784 χ^2/NDF : 23.2/18

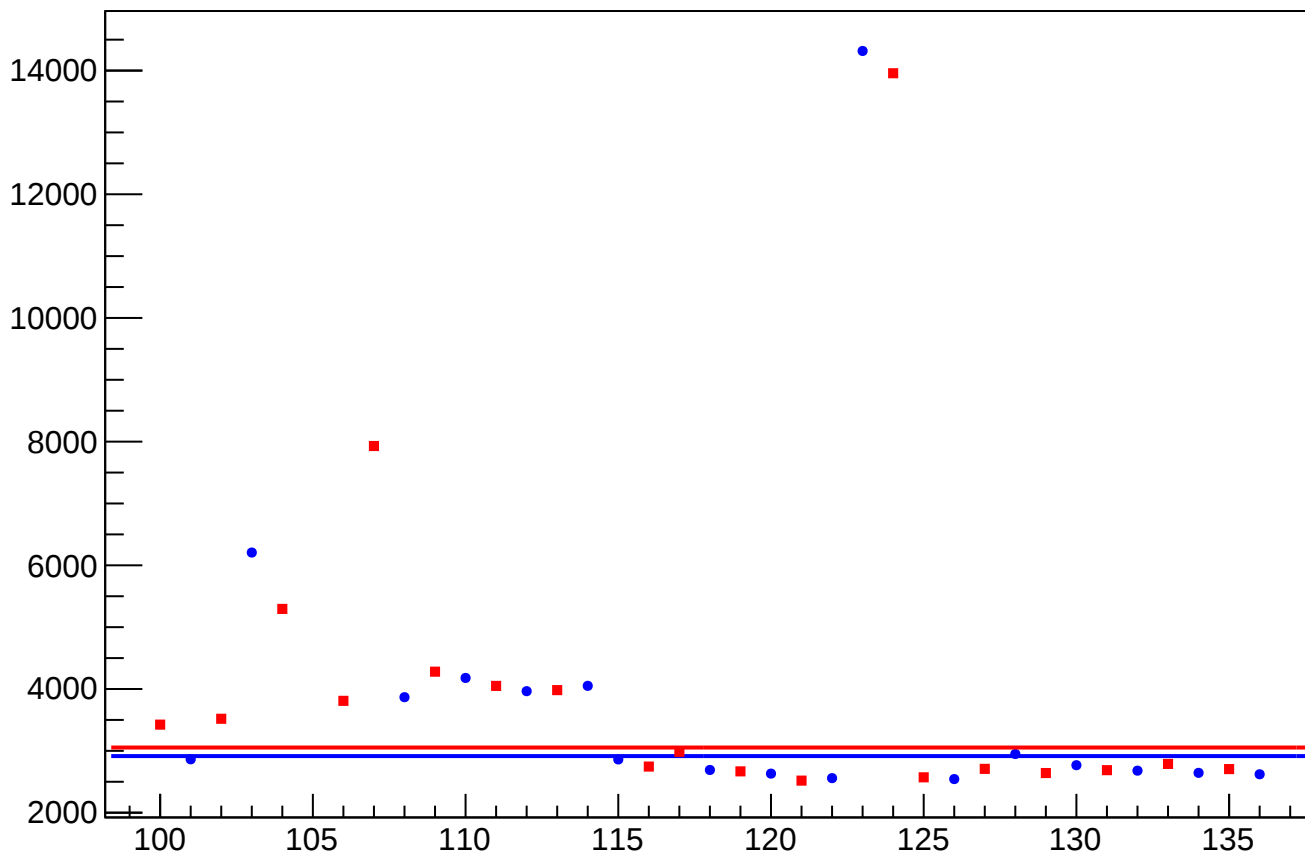
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2094.050+/-1160.426 χ^2/NDF : 14.6/16

1490.092+/-836.120 χ^2/NDF : 38.4/35

837.997+/-1205.784 χ^2/NDF : 23.2/18

asym_atl1_rms vs Slug, Sign Corrected



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

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

Right Out: 3053.678+/-0.853 χ^2/NDF : 1003255.4/18

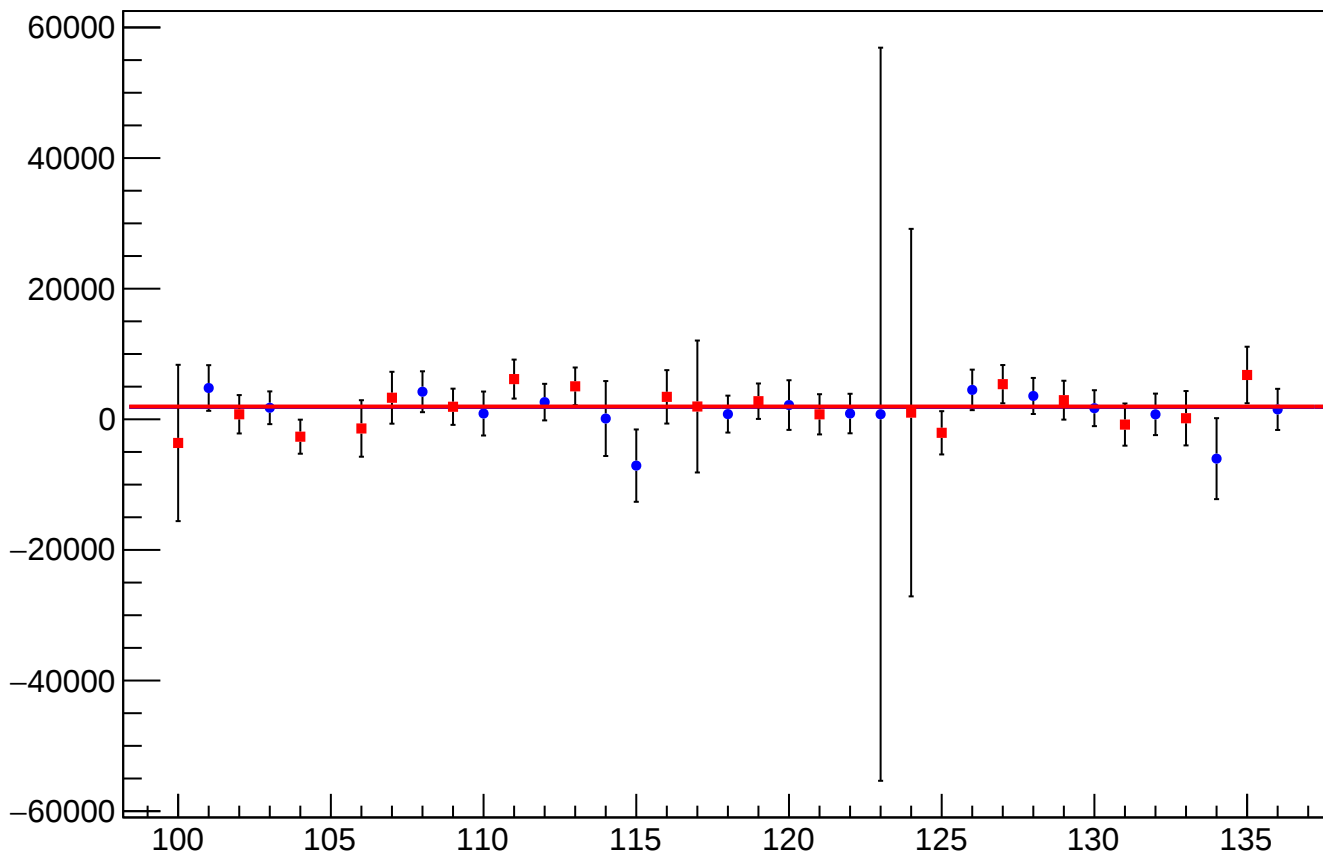
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2981.786+/-0.591 χ^2/NDF : 1656086.3/35

3053.678+/-0.853 χ^2/NDF : 1003255.4/18

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1889.943+/-811.431 χ^2/NDF : 7.3/16

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

Right Out: 1951.701+/-793.229 χ^2/NDF : 12.9/18

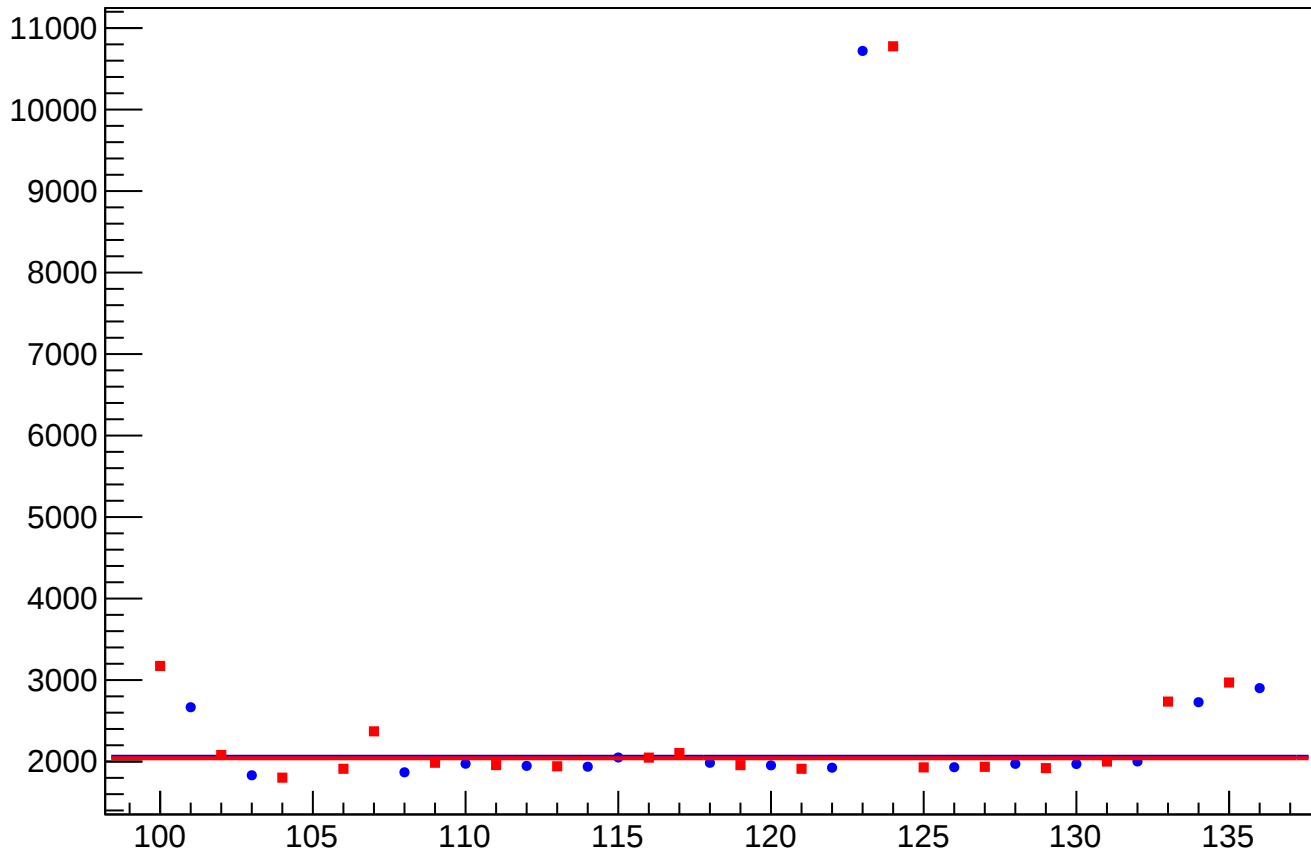
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1889.943+/-811.431 χ^2/NDF : 7.3/16

1921.523+/-567.223 χ^2/NDF : 20.1/35

1951.701+/-793.229 χ^2/NDF : 12.9/18

reg_asym_atl2_rms vs Slug, Sign Corrected



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

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

Right Out: 2040.536+/-0.561 χ^2/NDF : 410183.0/18

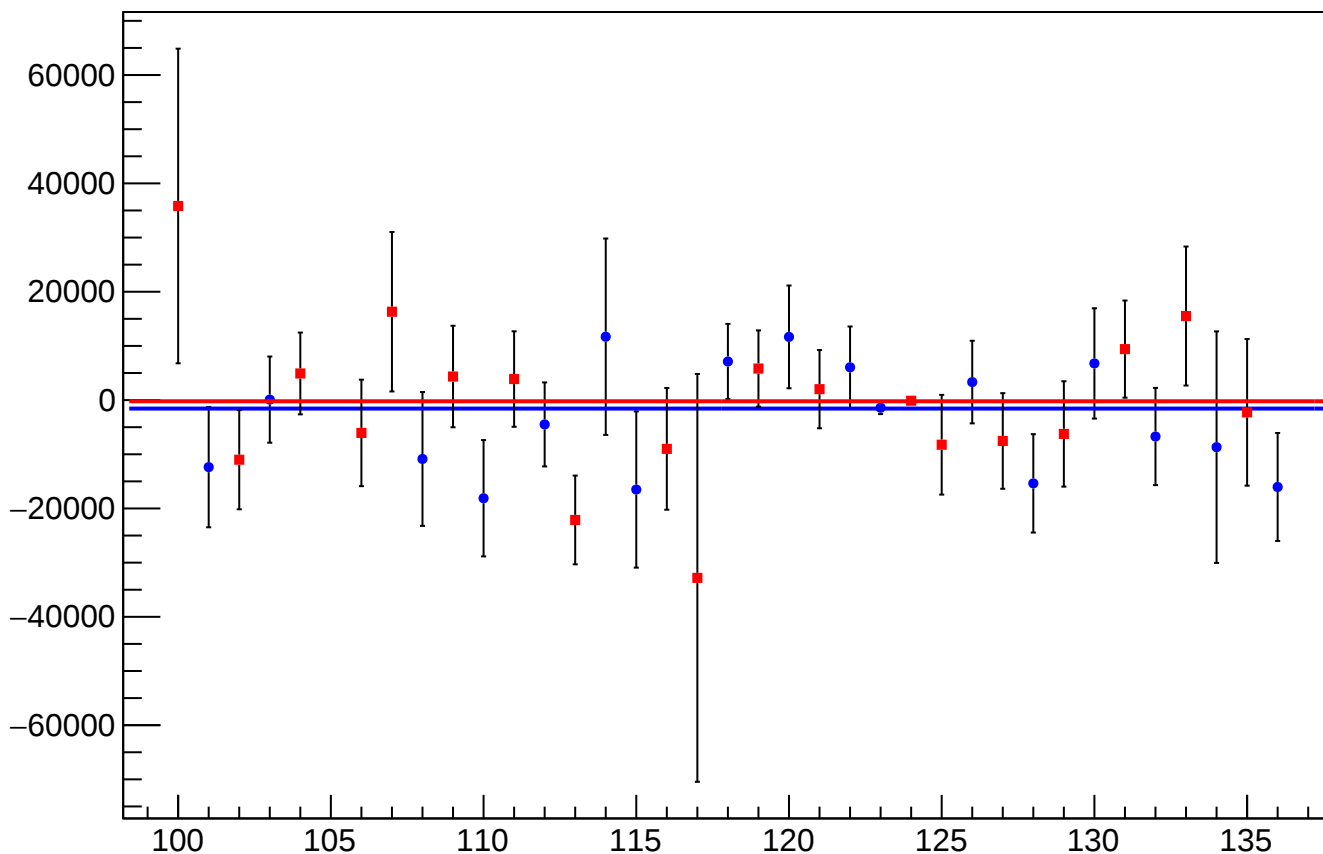
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2049.541+/-0.401 χ^2/NDF : 729271.9/35

2040.536+/-0.561 χ^2/NDF : 410183.0/18

asym_atl2_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -213.200+/-695.427 χ^2 /NDF: 19.3/18

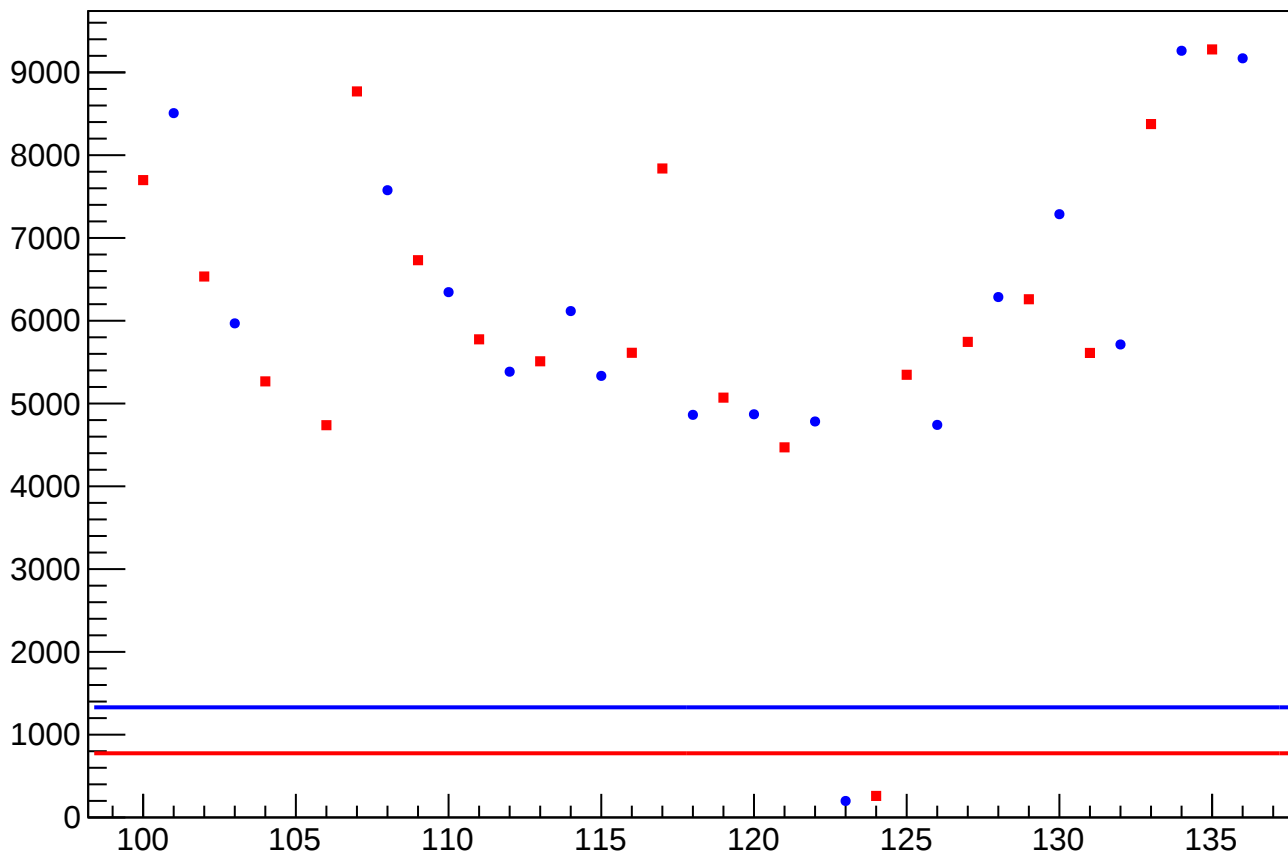
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

-622.687+/-580.455 χ^2 /NDF: 36.7/35

-213.200+/-695.427 χ^2 /NDF: 19.3/18

asym_atl2_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 775.129+/-0.492 χ^2/NDF : 11193670.6/18

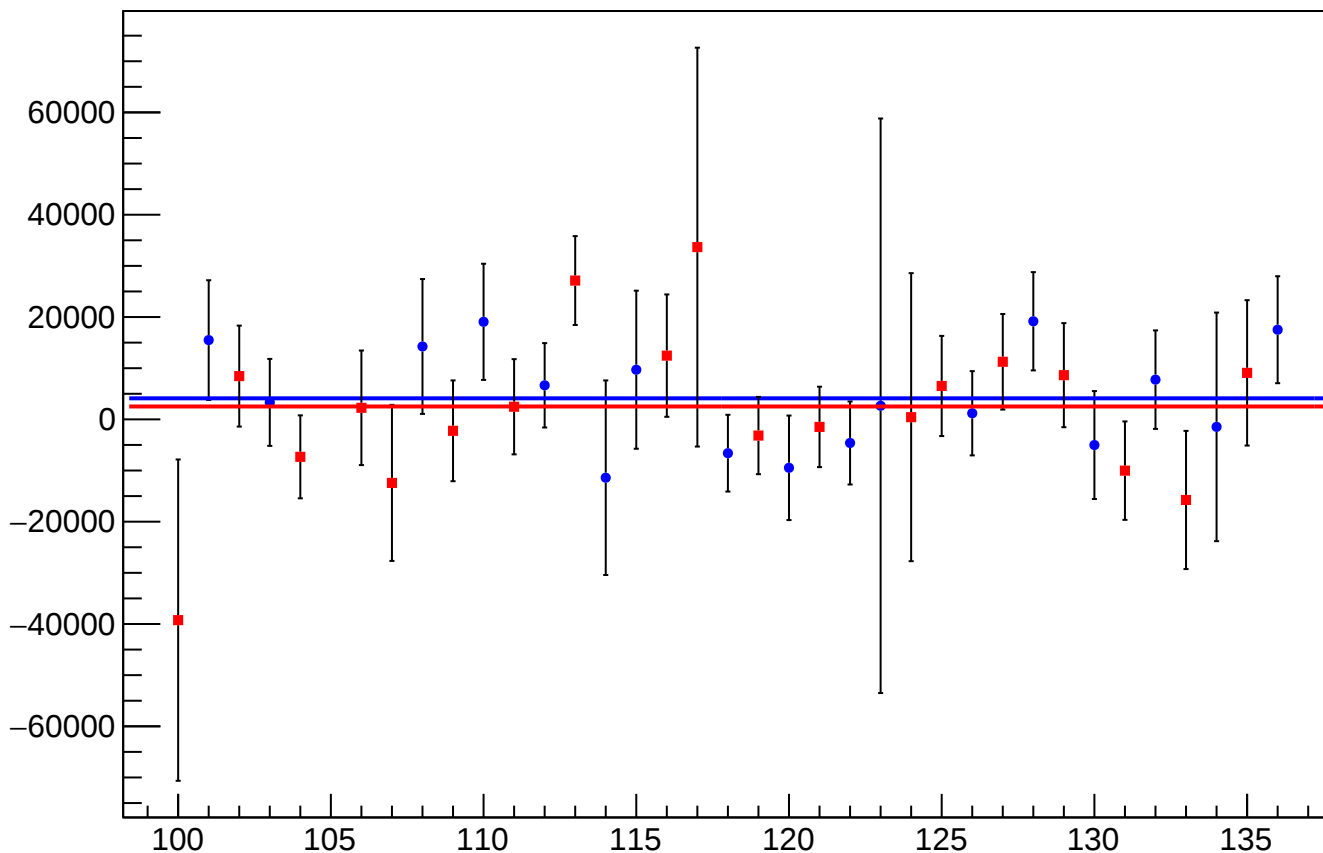
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

943.508+/-0.410 χ^2/NDF : 21627046.3/35

775.129+/-0.492 χ^2/NDF : 11193670.6/18

asym_atl2_mean vs Slug, Sign Corrected



Right In: 4111.784+/-2534.444 χ^2/NDF : 14.3/16

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

Right Out: 2519.384+/-2430.380 χ^2/NDF : 20.1/18

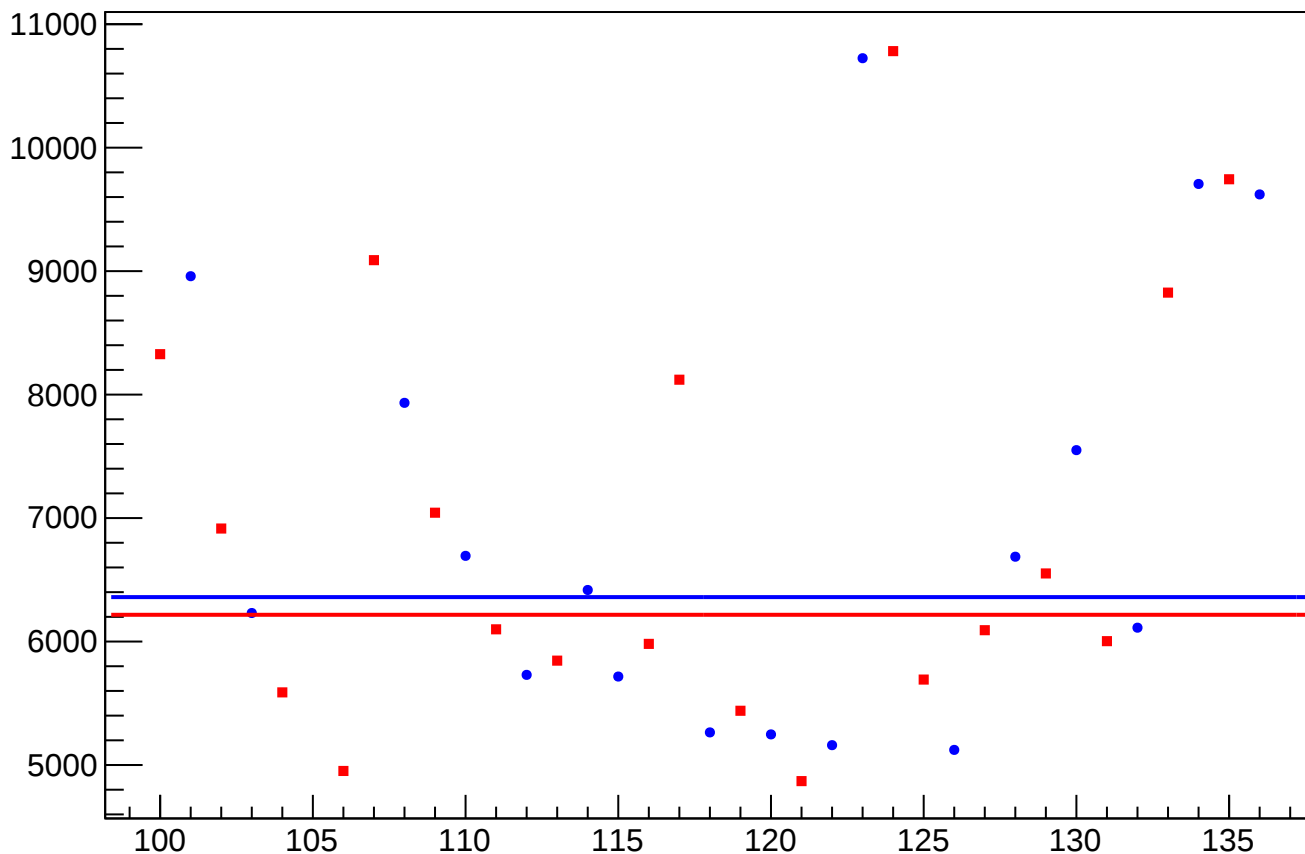
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4111.784+/-2534.444 χ^2/NDF : 14.3/16

3282.222+/-1754.174 χ^2/NDF : 34.7/35

2519.384+/-2430.380 χ^2/NDF : 20.1/18

asym_atl2_rms vs Slug, Sign Corrected



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

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

Right Out: 6216.672+/-1.718 χ^2/NDF : 490888.4/18

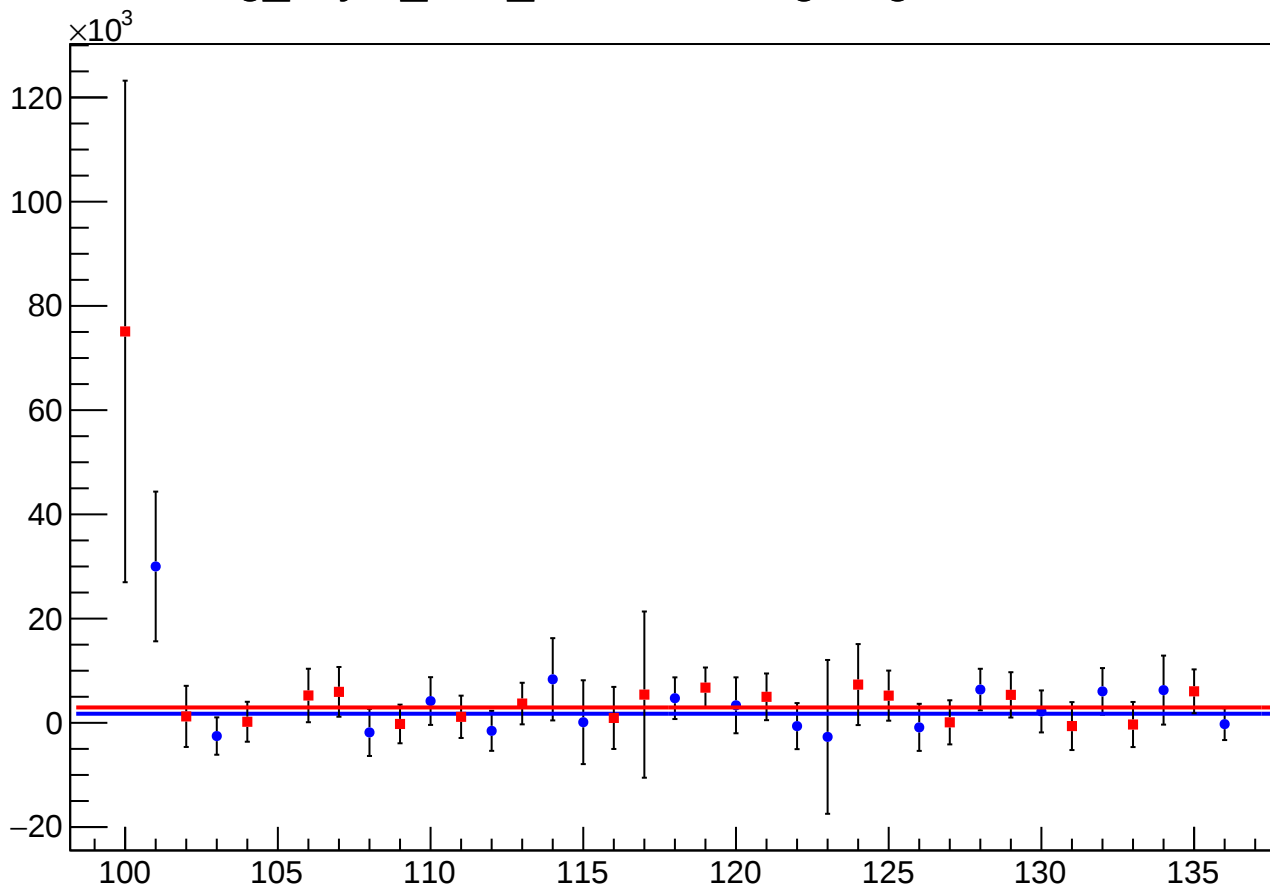
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

6285.296+/-1.240 χ^2/NDF : 1074688.4/35

6216.672+/-1.718 χ^2/NDF : 490888.4/18

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1746.001+/-1128.522 χ^2/NDF : 12.2/16

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

Right Out: 2951.809+/-1084.314 χ^2/NDF : 8.7/18

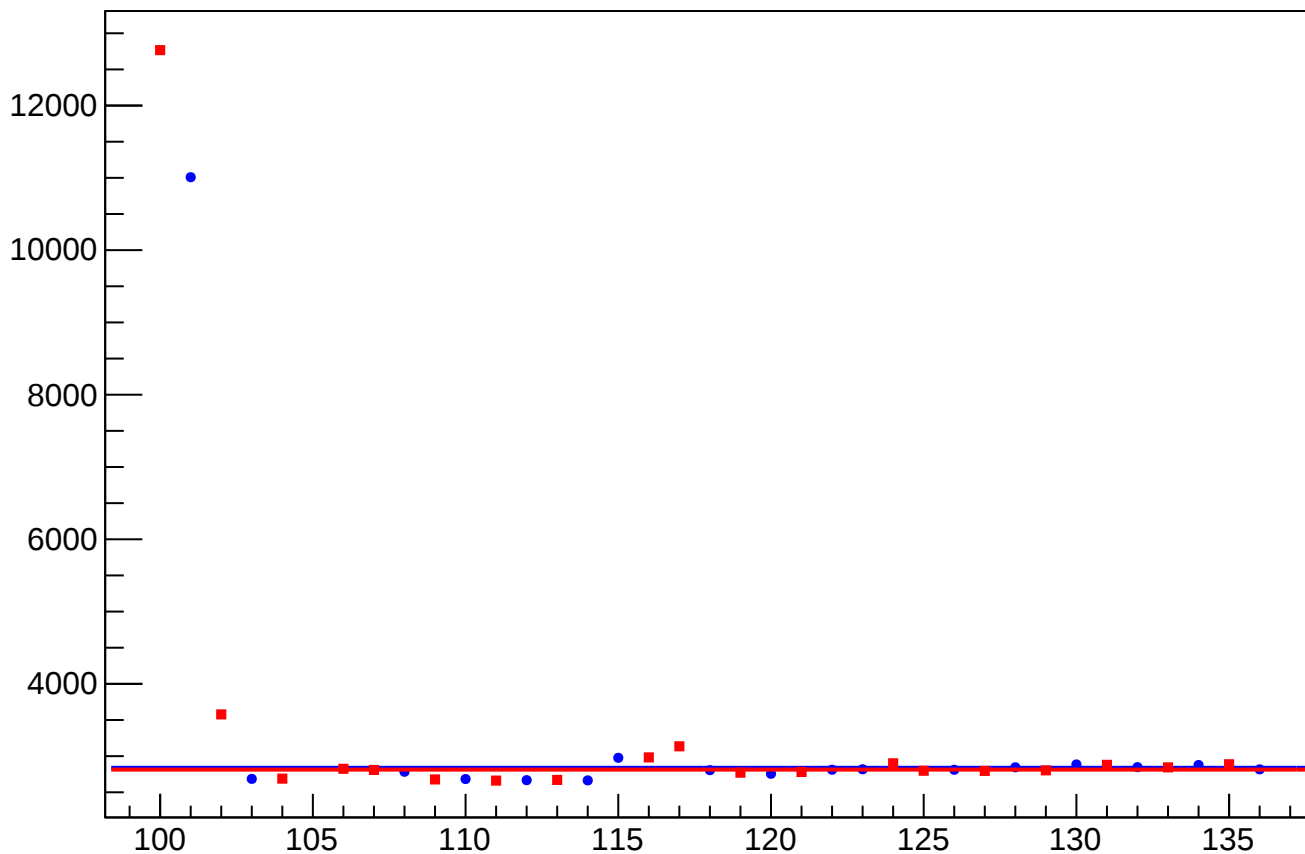
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1746.001+/-1128.522 χ^2/NDF : 12.2/16

2372.985+/-781.887 χ^2/NDF : 21.6/35

2951.809+/-1084.314 χ^2/NDF : 8.7/18

reg_asym_atr1_rms vs Slug, Sign Corrected



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

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

Right Out: 2813.722+/-0.767 χ^2/NDF : 133875.5/18

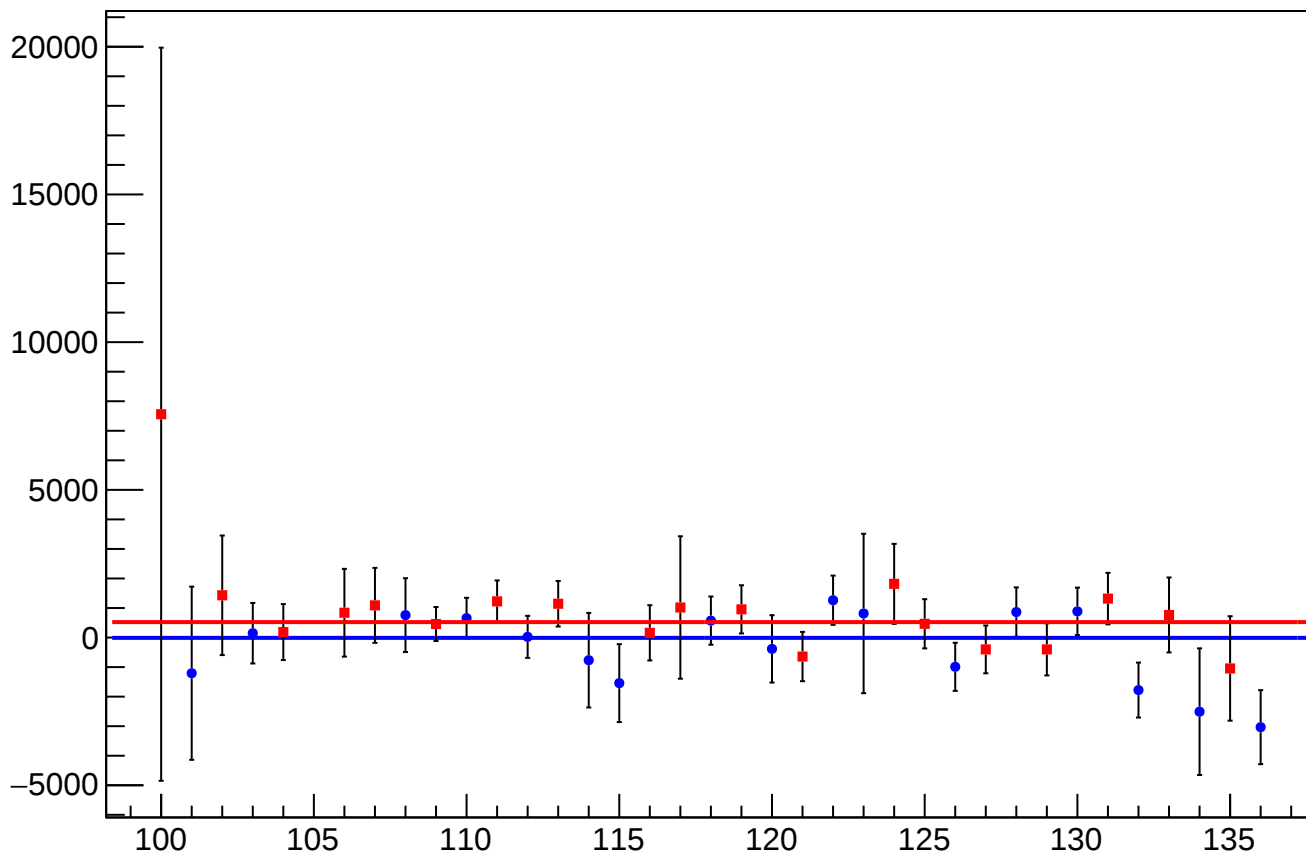
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2825.730+/-0.553 χ^2/NDF : 794595.8/35

2813.722+/-0.767 χ^2/NDF : 133875.5/18

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -9.845+/-241.678 χ^2/NDF : 20.7/16

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

Right Out: 523.343+/-221.203 χ^2/NDF : 9.9/18

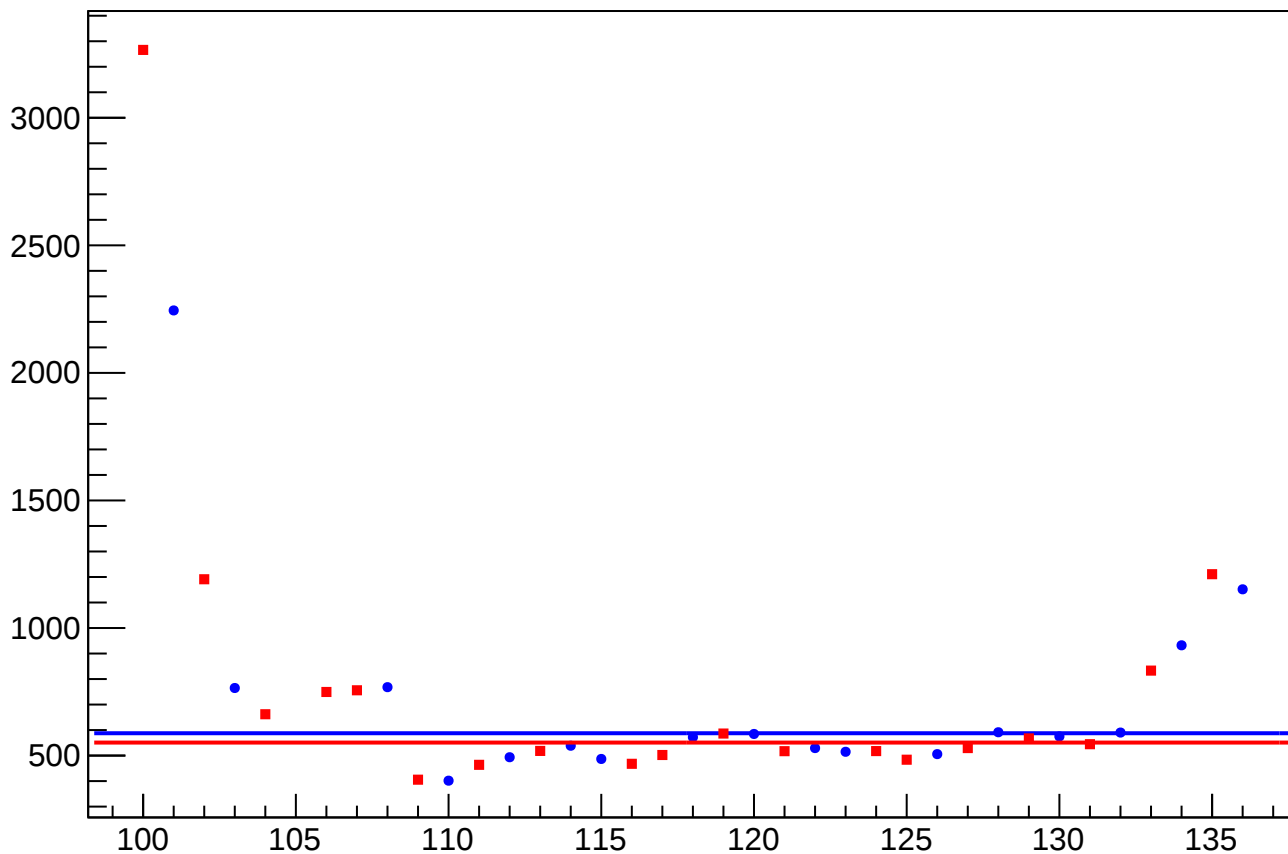
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-9.845+/-241.678 χ^2/NDF : 20.7/16

280.288+/-163.173 χ^2/NDF : 33.3/35

523.343+/-221.203 χ^2/NDF : 9.9/18

asym_atr1_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 550.997+/-0.156 χ^2/NDF : 990301.9/18

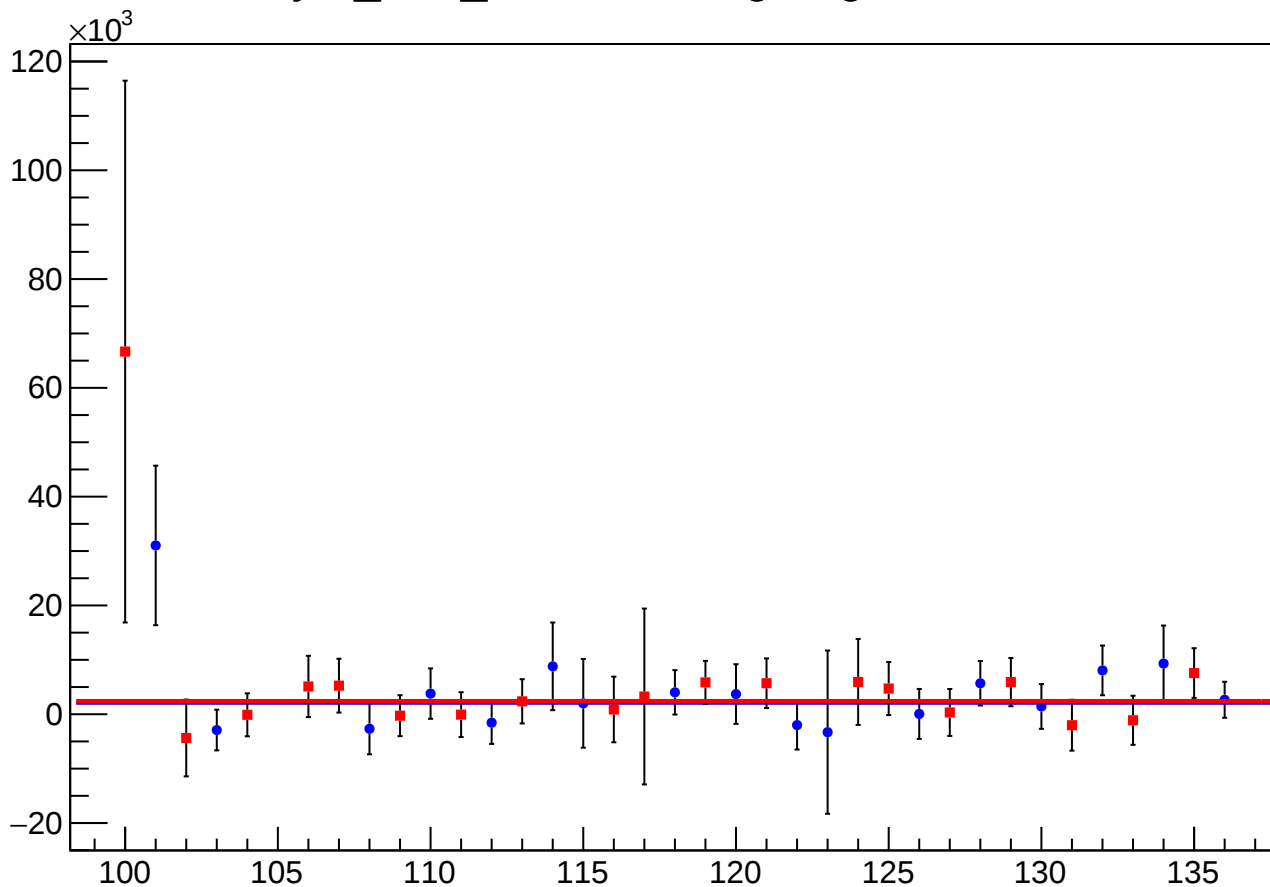
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

567.681+/-0.115 χ^2/NDF : 2441029.3/35

550.997+/-0.156 χ^2/NDF : 990301.9/18

asym_atr1_mean vs Slug, Sign Corrected



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

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

Right Out: 2440.907 $\pm$ 1121.274 χ^2 /NDF: 9.8/18

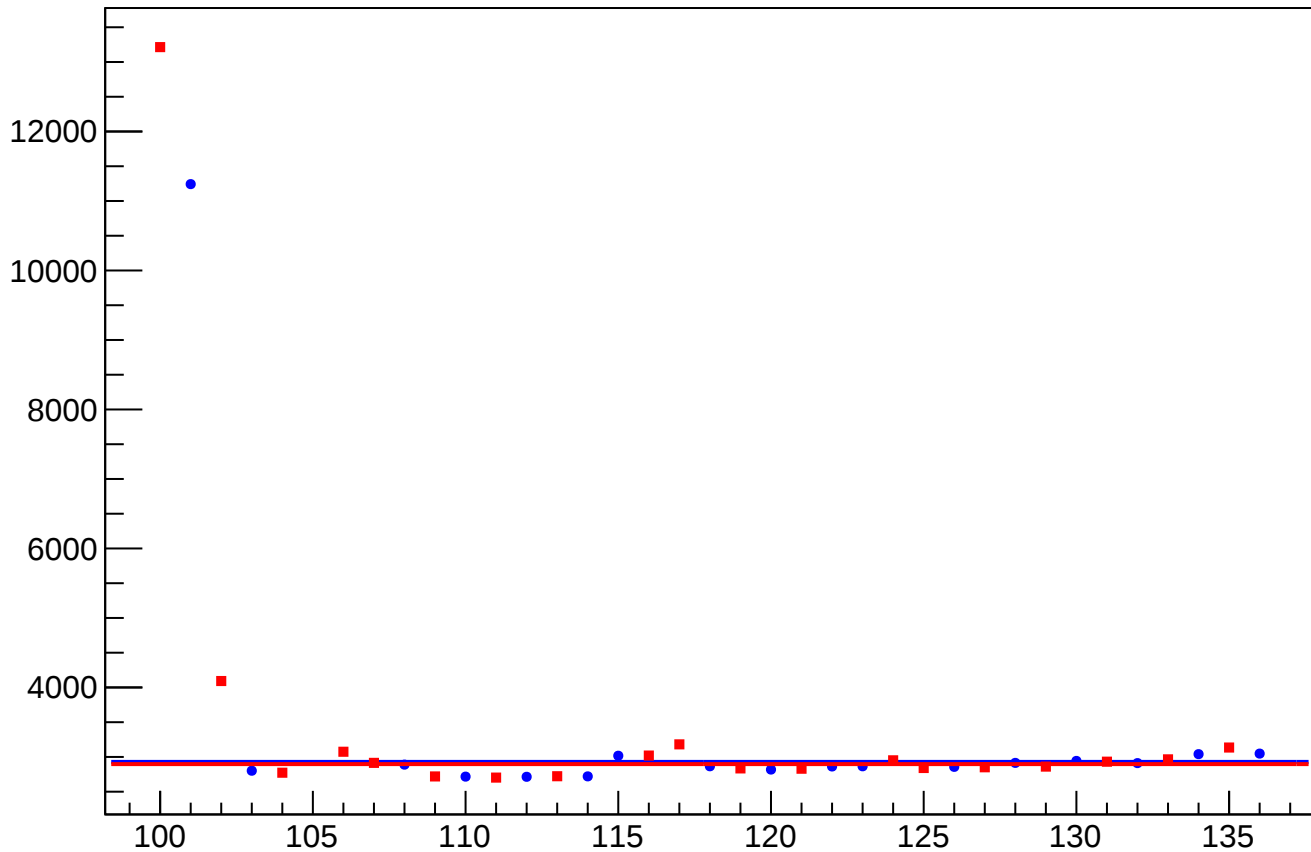
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

2280.963 $\pm$ 807.655 χ^2 /NDF: 23.3/35

2440.907 $\pm$ 1121.274 χ^2 /NDF: 9.8/18

asym_atr1_rms vs Slug, Sign Corrected



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

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

Right Out: 2896.924+/-0.793 χ^2/NDF : 168762.5/18

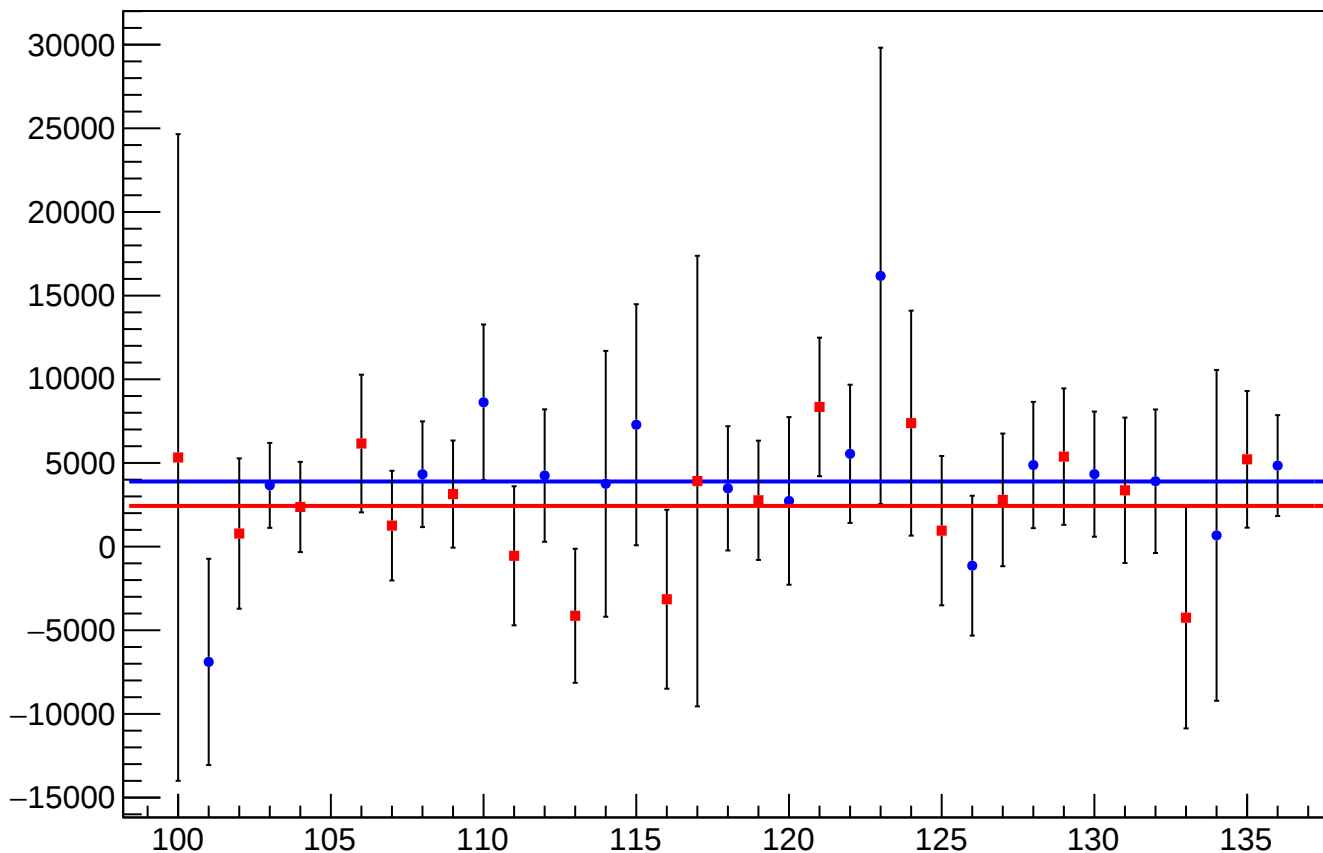
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2912.214+/-0.571 χ^2/NDF : 831898.3/35

2896.924+/-0.793 χ^2/NDF : 168762.5/18

reg_asym_atr2_mean vs Slug, Sign Corrected



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

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

Right Out: 2431.269+/-967.127 χ^2/NDF : 10.2/18

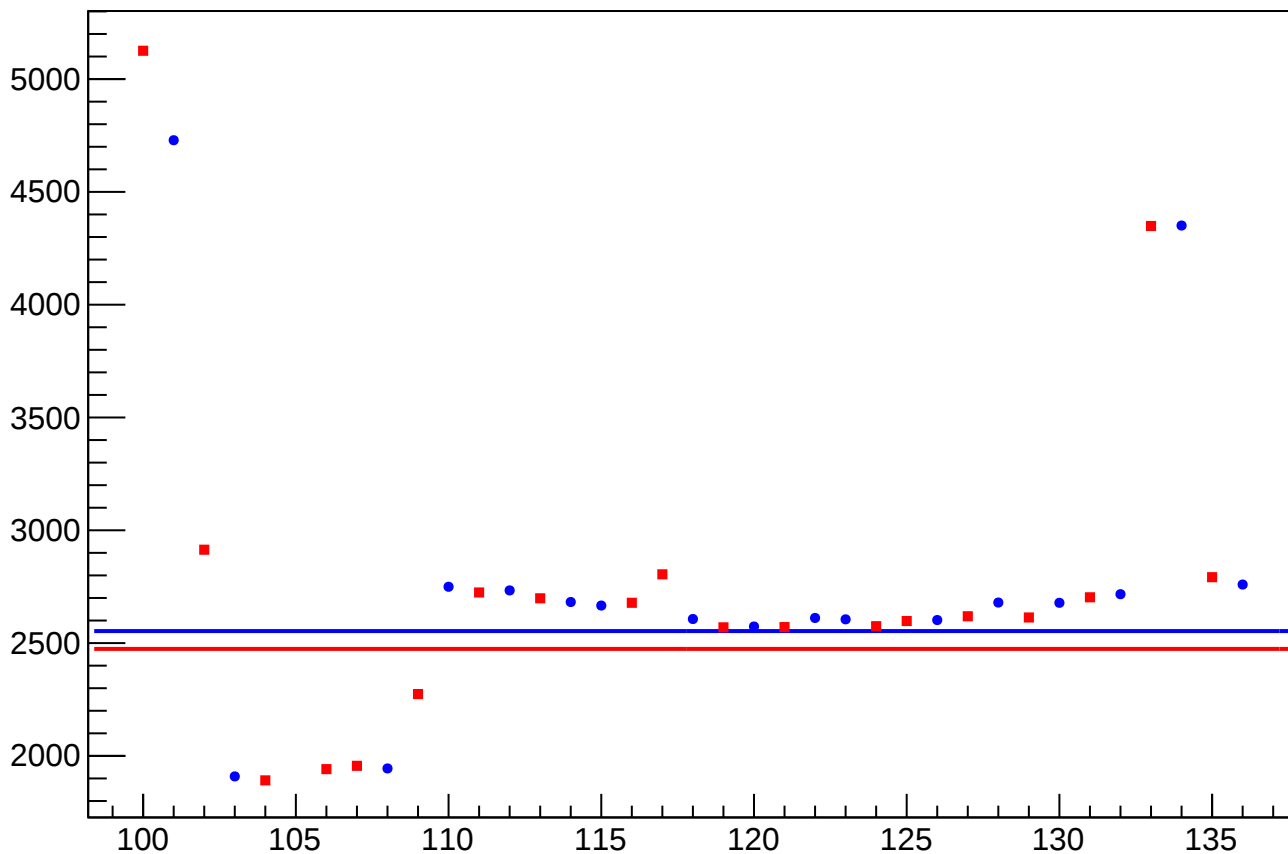
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3892.504+/-1011.718 χ^2/NDF : 7.1/16

3128.975+/-699.095 χ^2/NDF : 18.4/35

2431.269+/-967.127 χ^2/NDF : 10.2/18

reg_asym_atr2_rms vs Slug, Sign Corrected



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

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

Right Out: 2474.219+/-0.684 χ^2/NDF : 446978.2/18

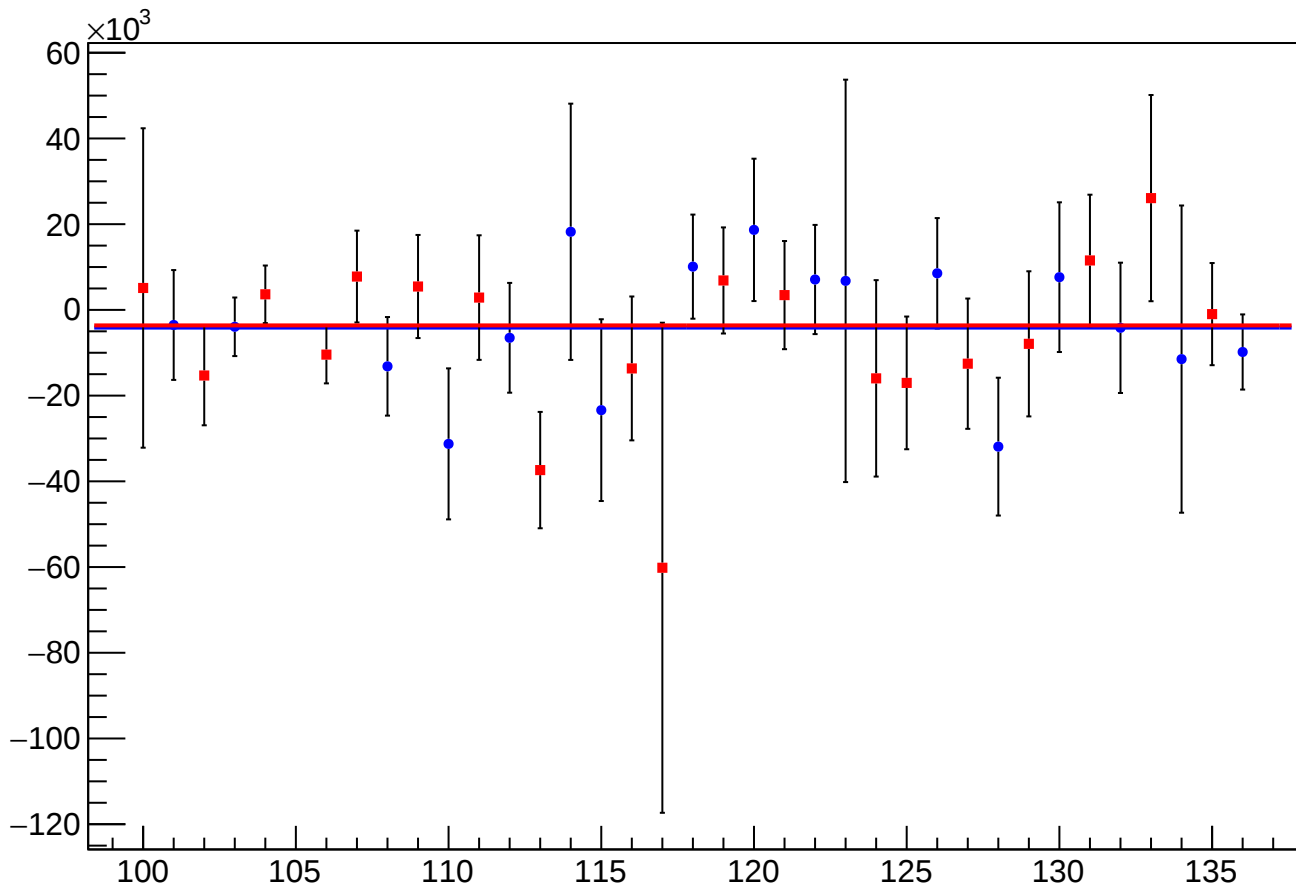
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2511.969+/-0.494 χ^2/NDF : 998586.9/35

2474.219+/-0.684 χ^2/NDF : 446978.2/18

asym_atr2_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -3618.598+/-2864.558 χ^2 /NDF: 17.7/18

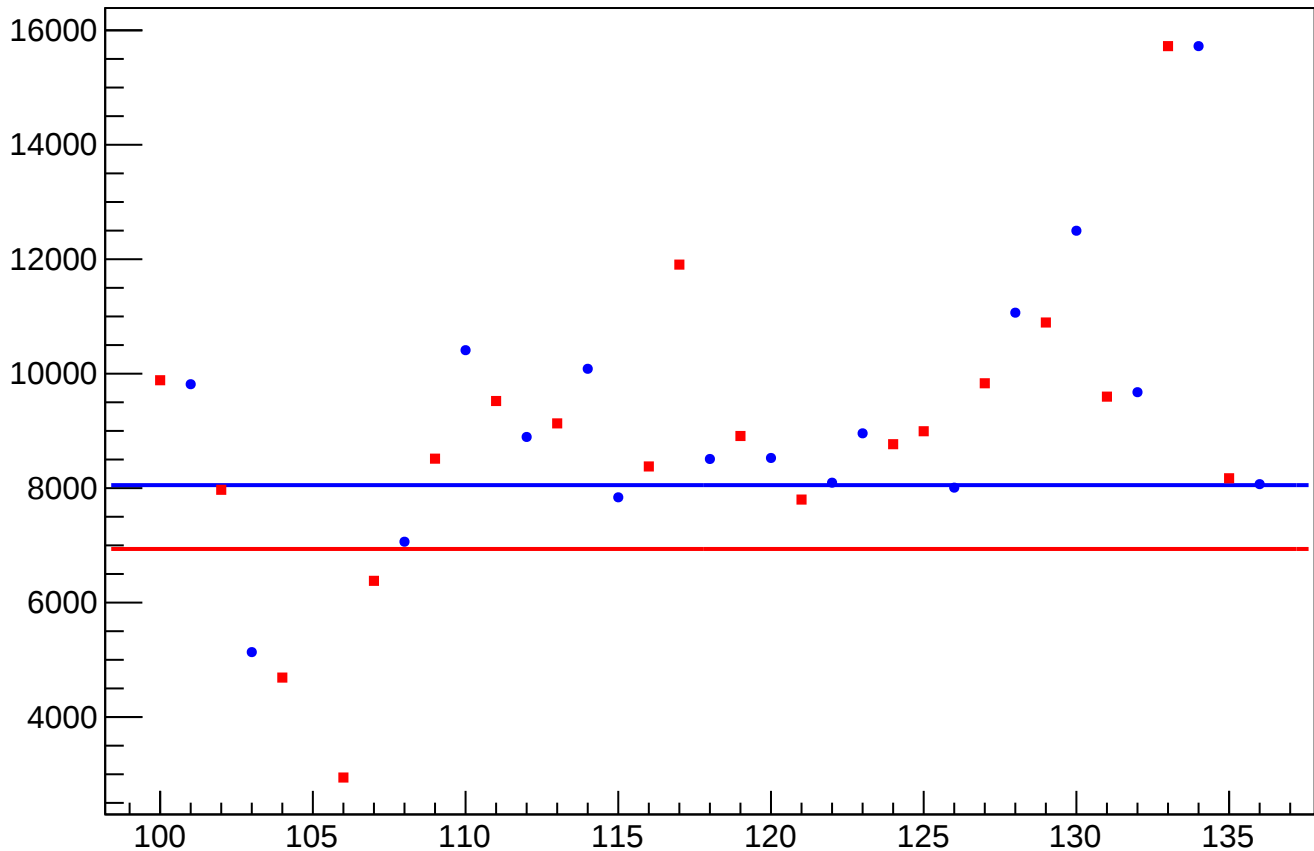
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

-3842.353+/-2142.291 χ^2 /NDF: 31.1/35

-3618.598+/-2864.558 χ^2 /NDF: 17.7/18

asym_atr2_correction_rms vs Slug, Sign Corrected



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

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

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

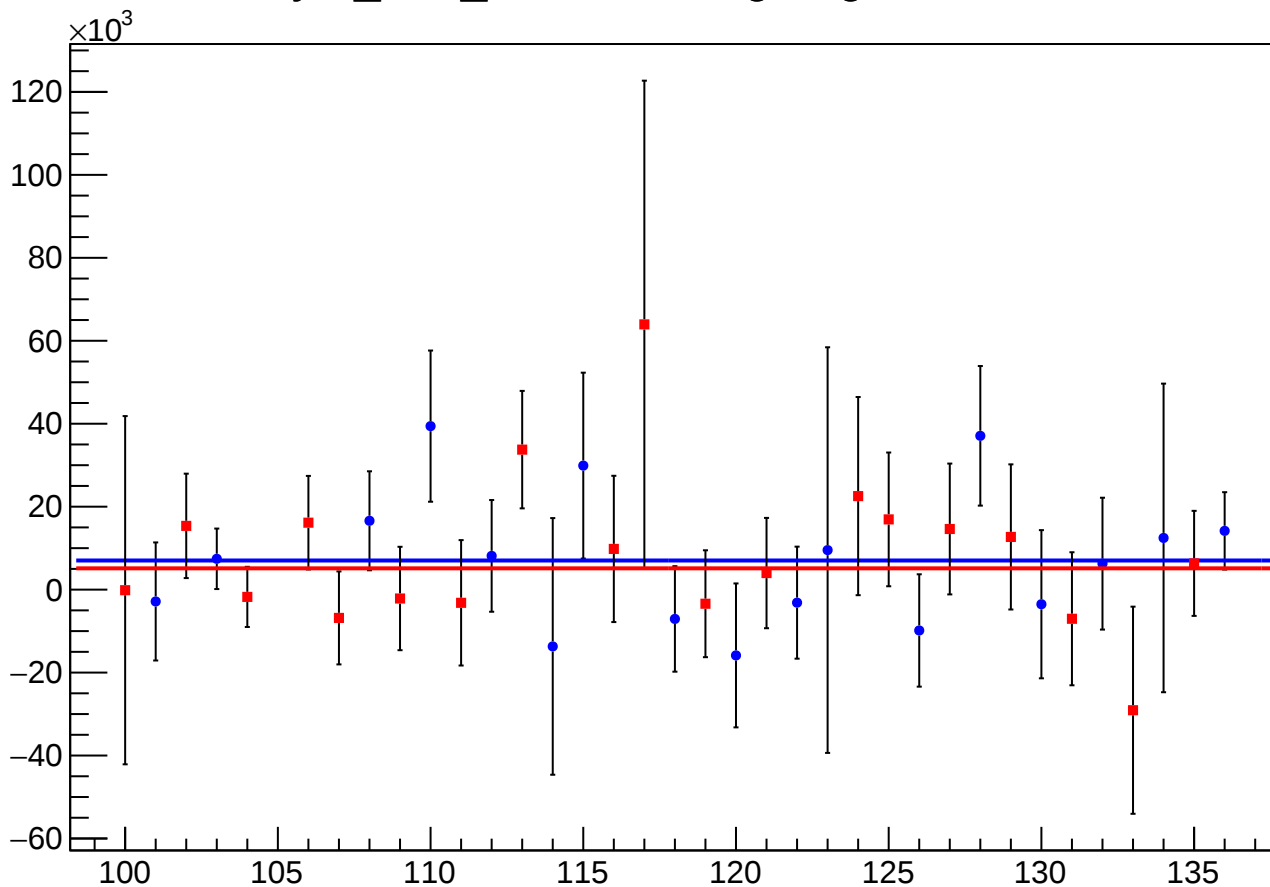
7428.695+/-1.515 χ^2/NDF : 2708904.8/35

Right Out: 6937.119+/-2.026 χ^2/NDF : 1784536.8/18

6937.119+/-2.026 χ^2/NDF : 1784536.8/18

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

asym_atr2_mean vs Slug, Sign Corrected



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

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

Right Out: 5133.486+/-3205.811 χ^2/NDF : 14.0/18

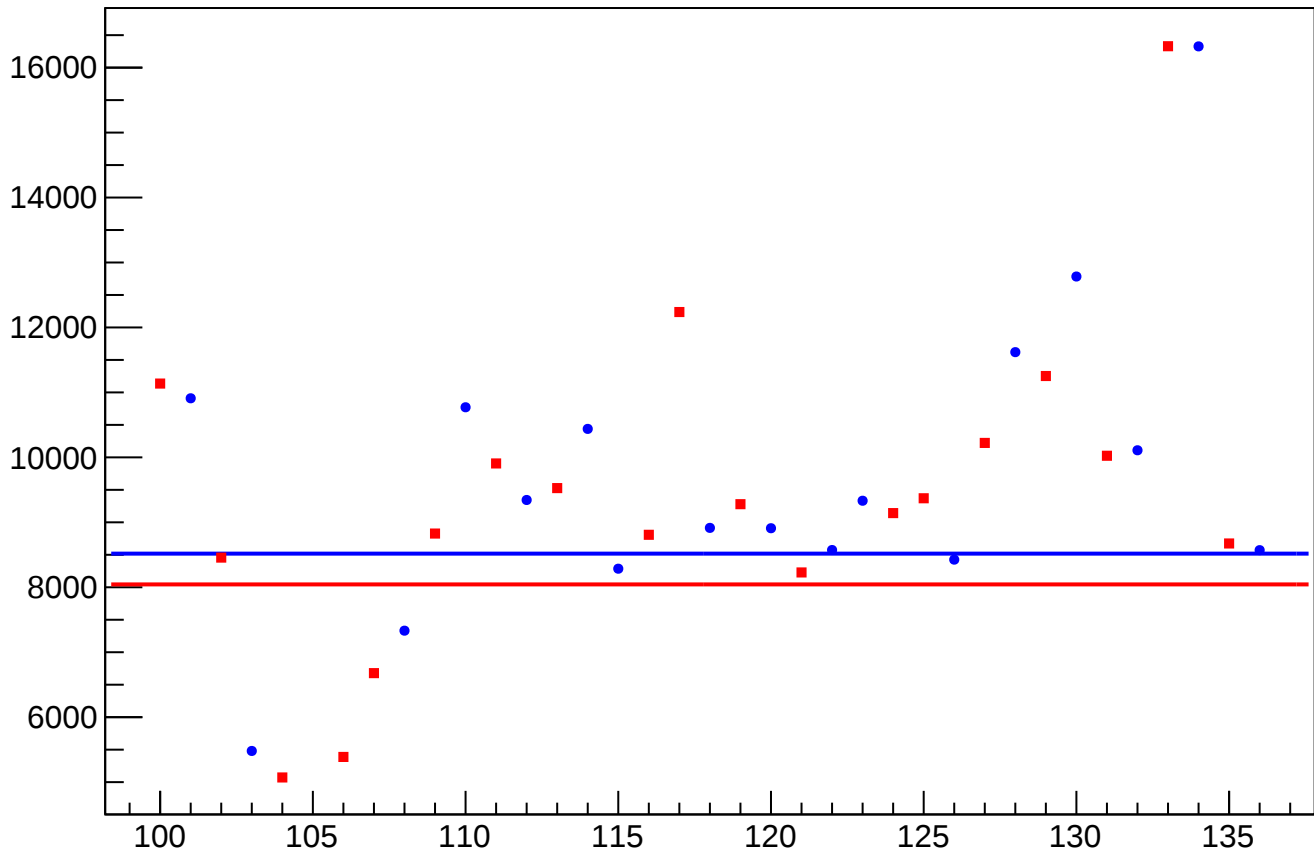
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7025.400+/-3409.490 χ^2/NDF : 15.0/16

6021.248+/-2335.538 χ^2/NDF : 29.2/35

5133.486+/-3205.811 χ^2/NDF : 14.0/18

asym_atr2_rms vs Slug, Sign Corrected



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

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

Right Out: 8044.089+/-2.267 χ^2/NDF : 961199.8/18

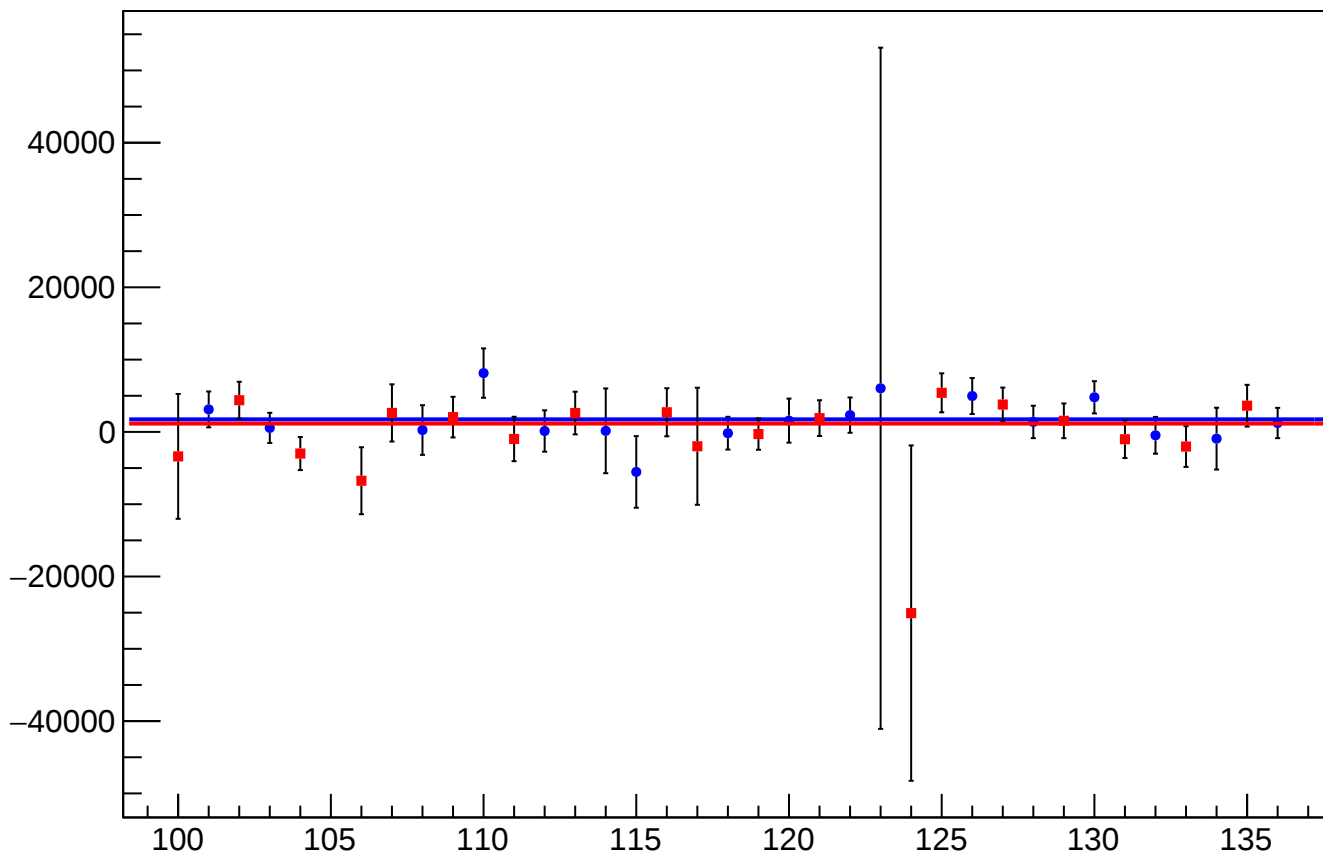
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

8266.405+/-1.651 χ^2/NDF : 1744981.0/35

8044.089+/-2.267 χ^2/NDF : 961199.8/18

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1739.640 $\pm$ 670.395 χ^2/NDF : 12.4/16

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

Right Out: 1151.846 $\pm$ 676.487 χ^2/NDF : 17.7/18

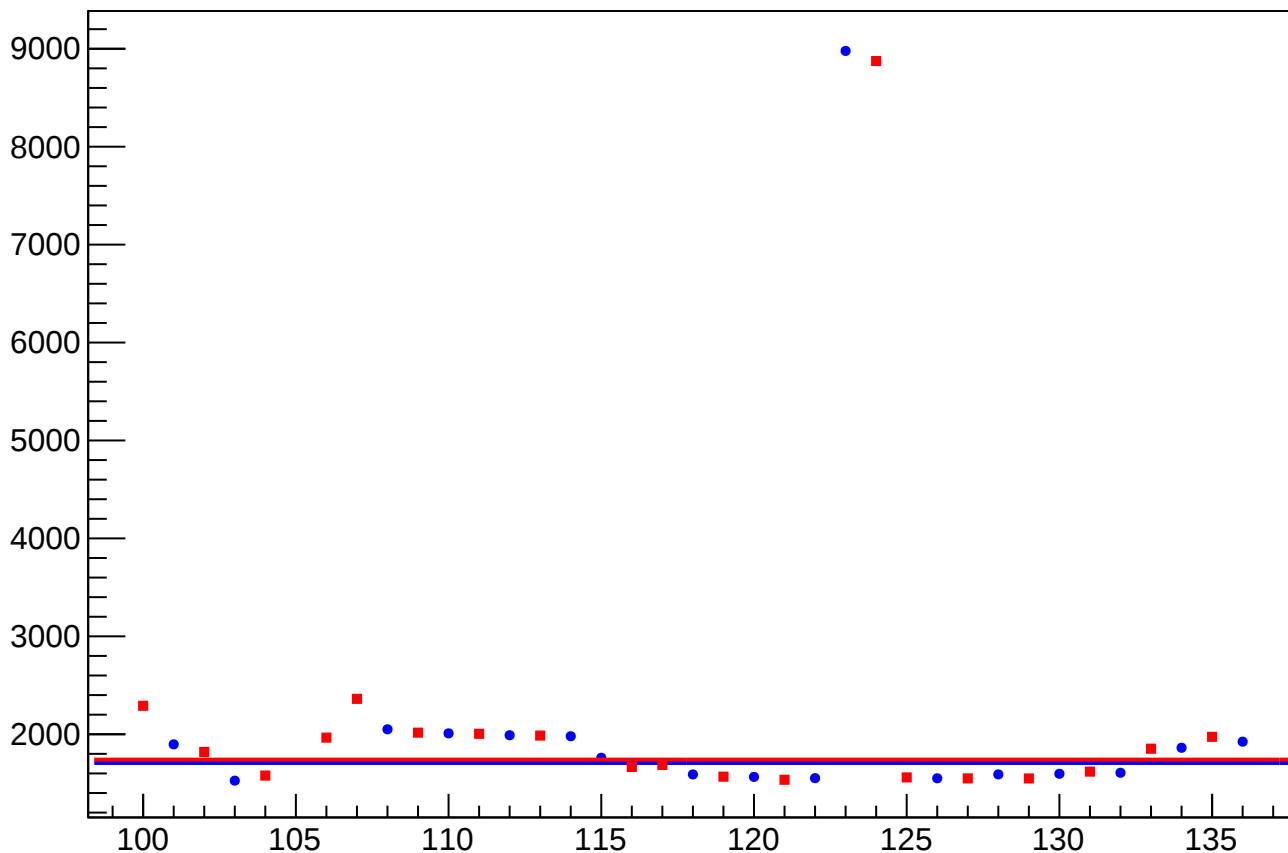
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1739.640 $\pm$ 670.395 χ^2/NDF : 12.4/16

1448.402 $\pm$ 476.180 χ^2/NDF : 30.5/35

1151.846 $\pm$ 676.487 χ^2/NDF : 17.7/18

reg_asym_atl_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 1740.940+/-0.476 χ^2/NDF : 396656.2/18

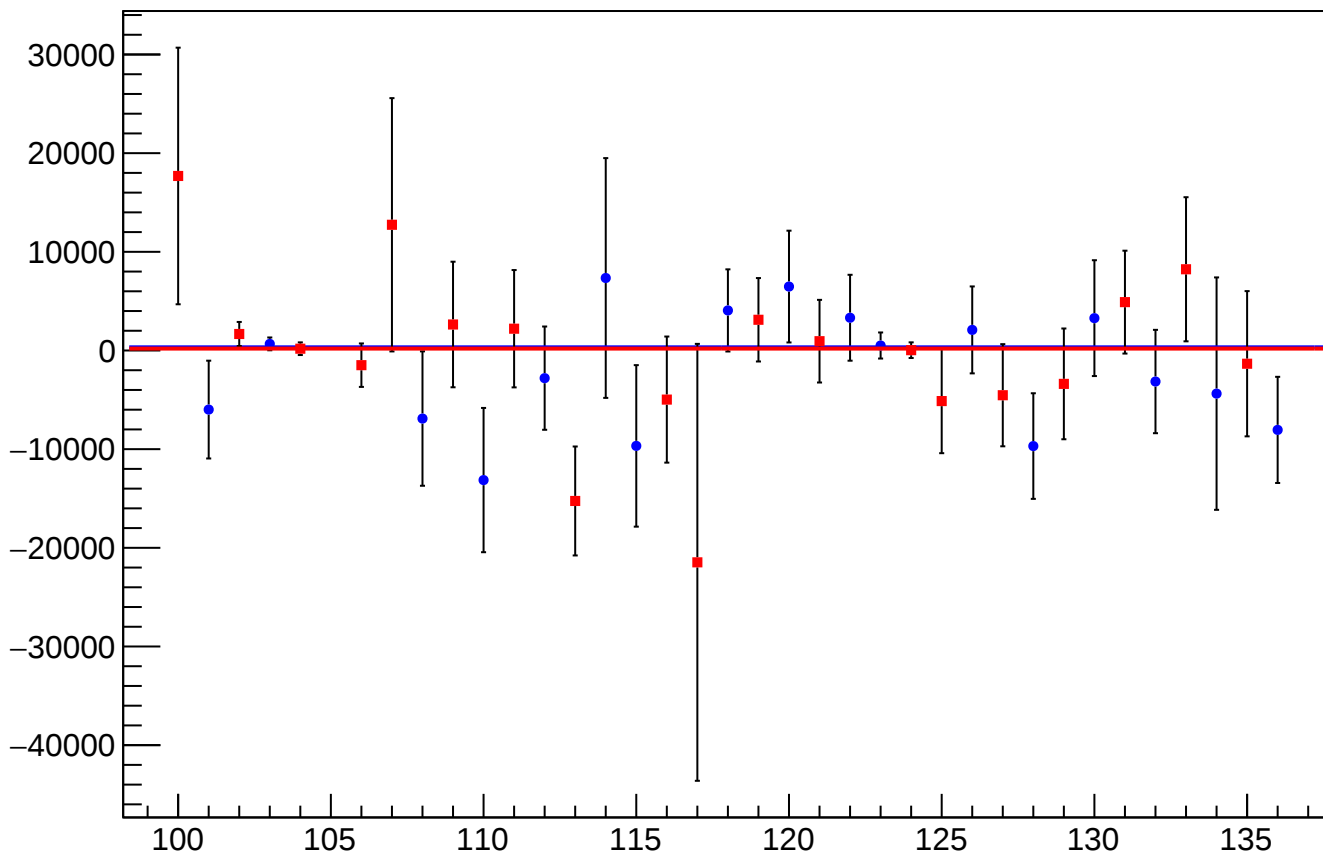
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1723.827+/-0.336 χ^2/NDF : 596782.8/35

1740.940+/-0.476 χ^2/NDF : 396656.2/18

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 193.298+/-433.778 χ^2/NDF : 19.4/18

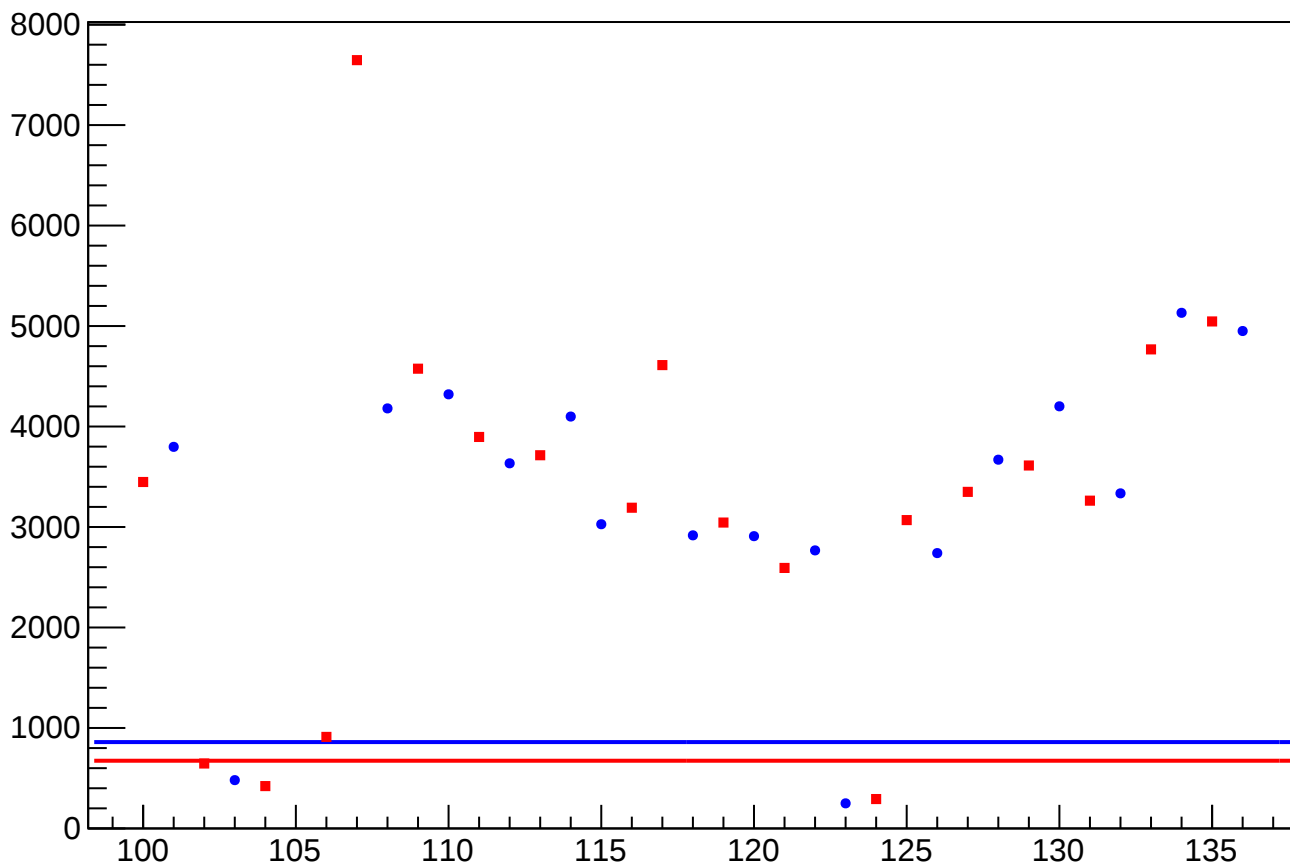
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

320.899+/-540.384 χ^2/NDF : 18.0/16

243.300+/-338.274 χ^2/NDF : 37.4/35

193.298+/-433.778 χ^2/NDF : 19.4/18

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 673.955+/-0.307 χ^2/NDF : 8165359.5/18

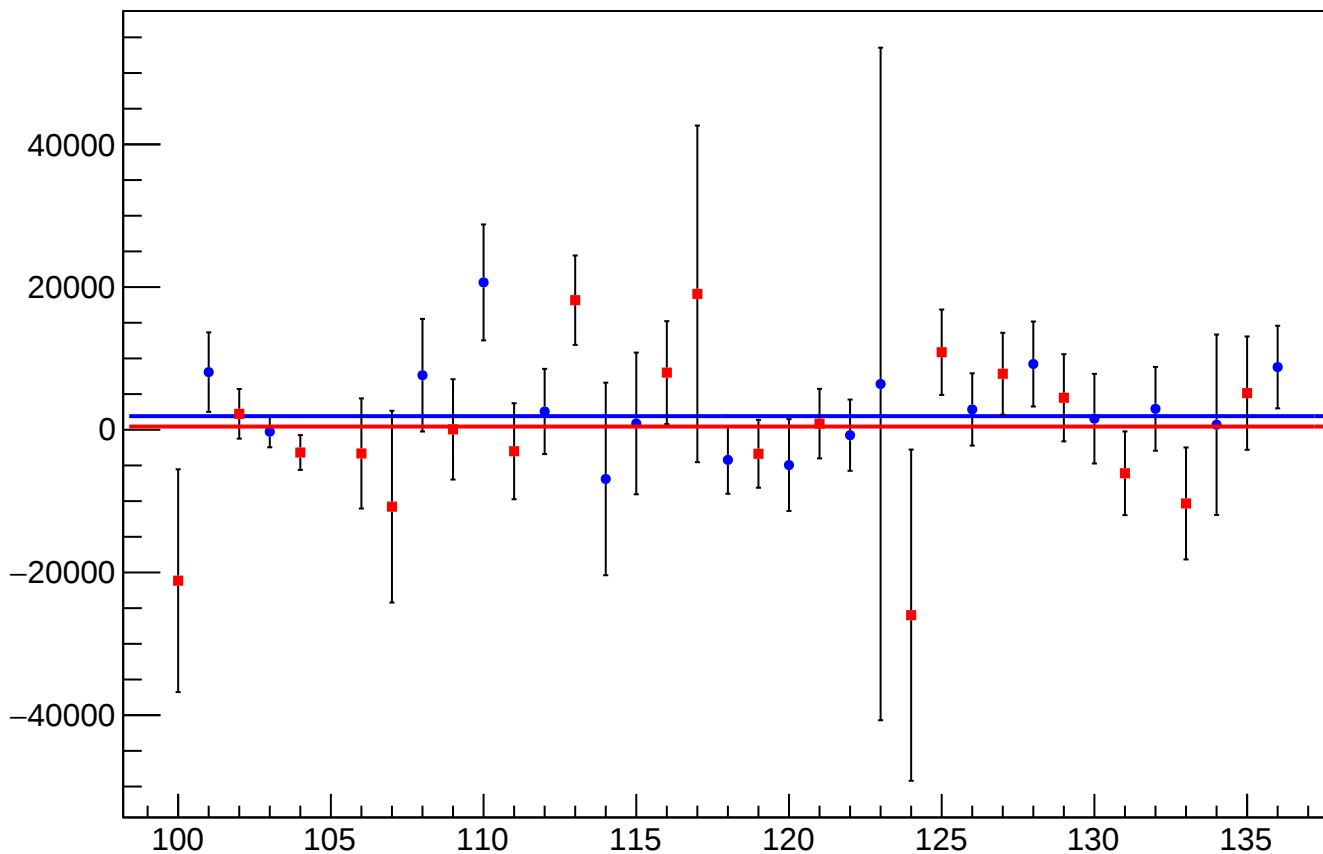
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

746.686+/-0.239 χ^2/NDF : 16452103.9/35

673.955+/-0.307 χ^2/NDF : 8165359.5/18

asym_atl_avg_mean vs Slug, Sign Corrected



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

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

Right Out: 451.398+/-1290.958 χ^2/NDF : 25.9/18

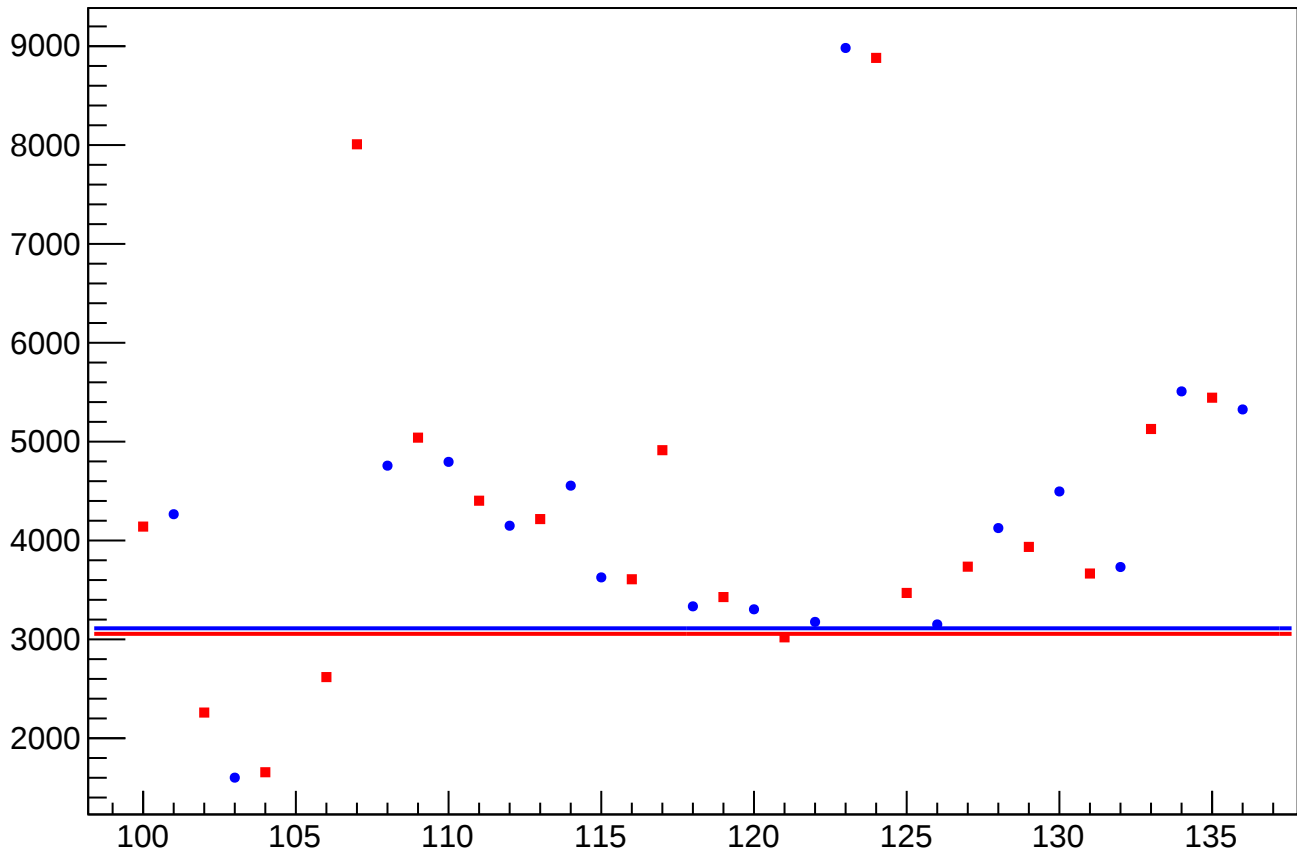
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1909.348+/-1310.219 χ^2/NDF : 14.6/16

1169.578+/-919.579 χ^2/NDF : 41.1/35

451.398+/-1290.958 χ^2/NDF : 25.9/18

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3111.825+/-0.926 χ^2/NDF : 1879558.6/16

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

Right Out: 3055.793+/-0.900 χ^2/NDF : 1948917.3/18

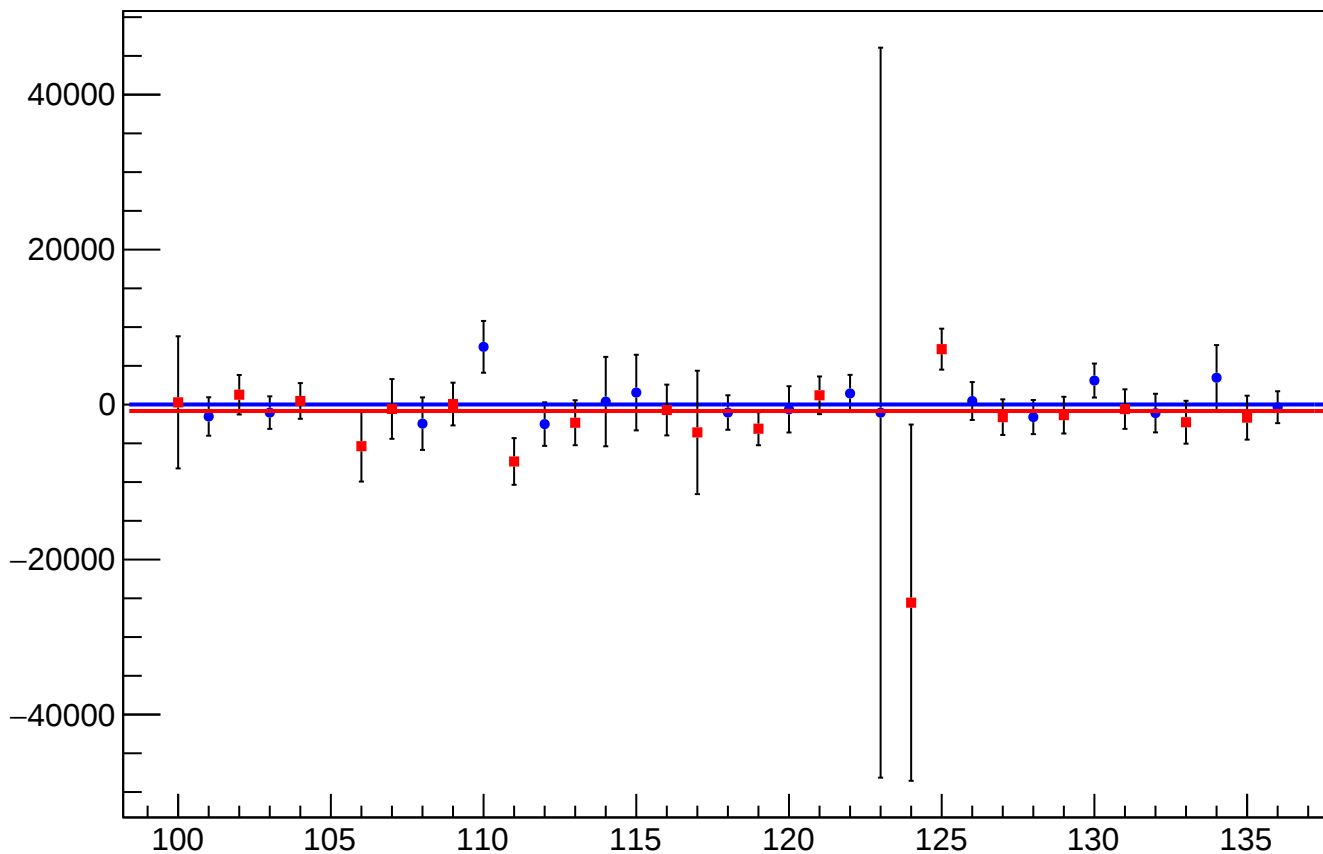
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3111.825+/-0.926 χ^2/NDF : 1879558.6/16

3082.983+/-0.645 χ^2/NDF : 3830358.7/35

3055.793+/-0.900 χ^2/NDF : 1948917.3/18

reg_asym_atl_dd_mean vs Slug, Sign Corrected



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

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

Right Out: -825.424+/-666.581 χ^2/NDF : 19.8/18

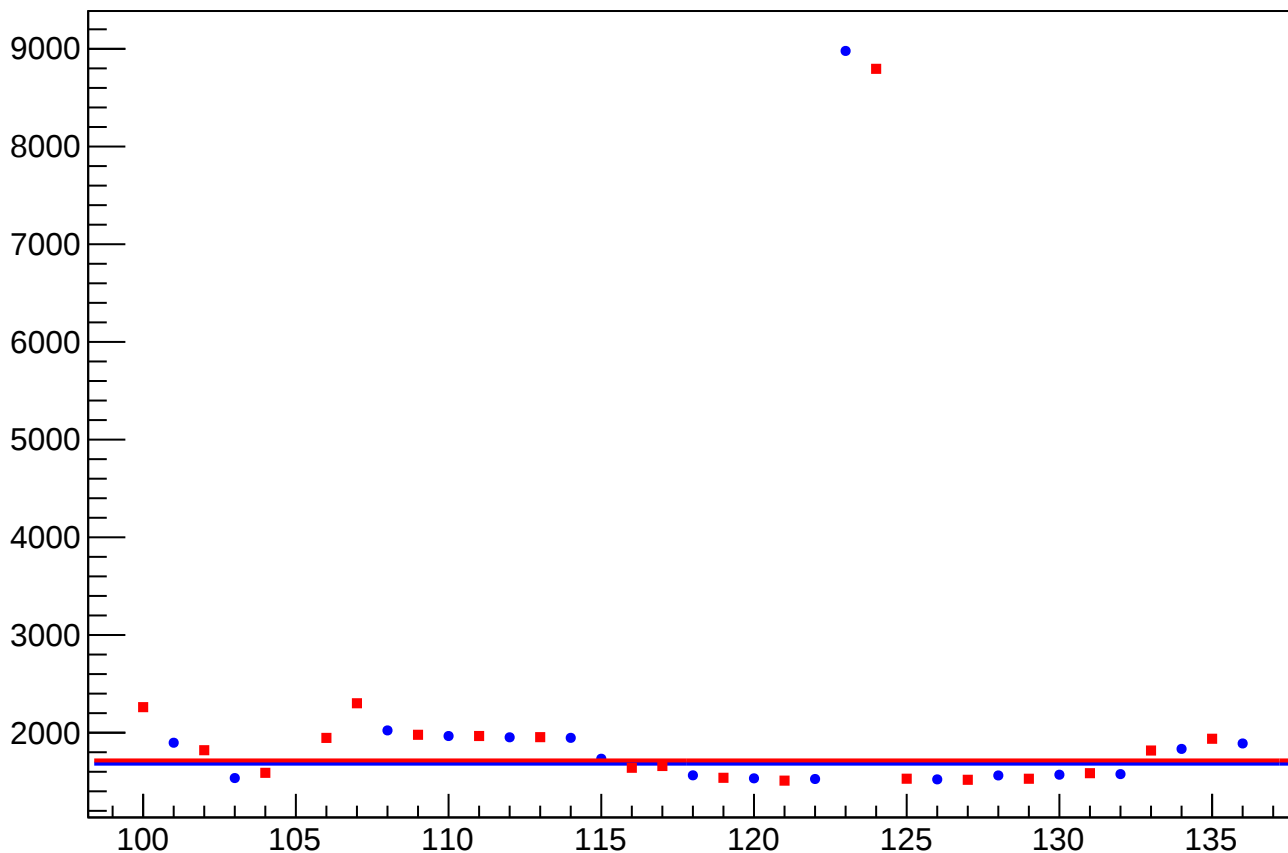
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14.118+/-661.101 χ^2/NDF : 11.1/16

-402.188+/-469.395 χ^2/NDF : 31.8/35

-825.424+/-666.581 χ^2/NDF : 19.8/18

reg_asym_atl_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 1715.994+/-0.469 χ^2/NDF : 393078.5/18

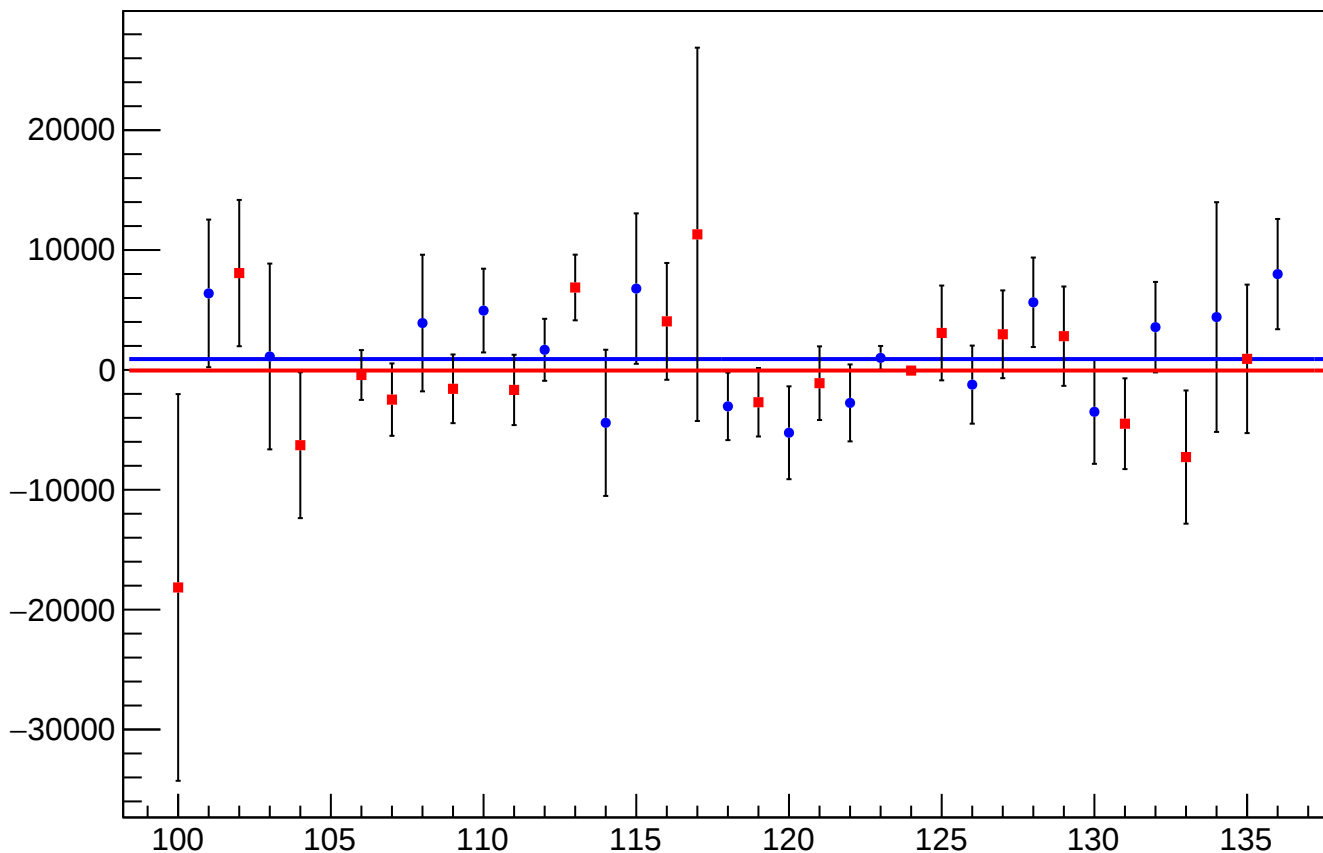
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1699.563+/-0.331 χ^2/NDF : 591414.6/35

1715.994+/-0.469 χ^2/NDF : 393078.5/18

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -51.873+/-357.328 χ^2/NDF : 18.8/18

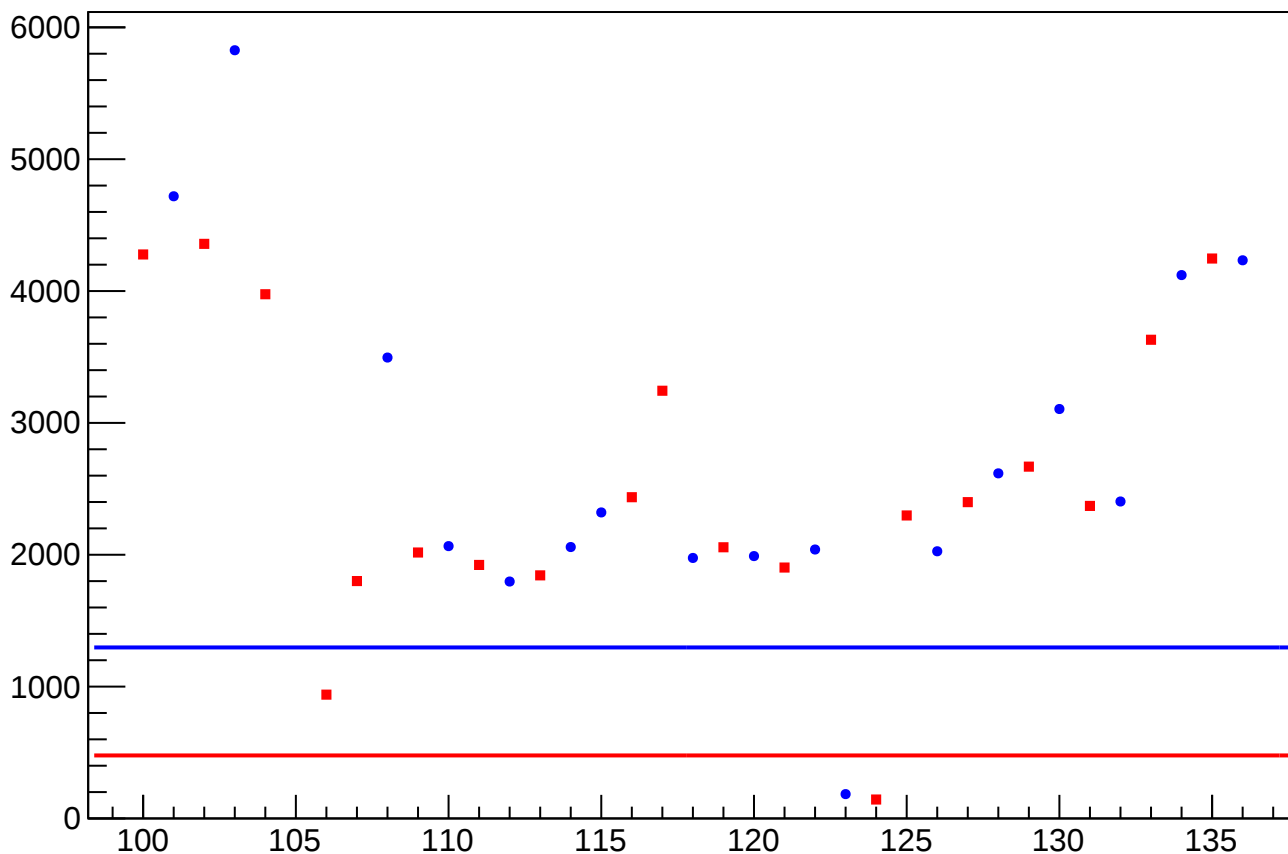
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

903.344+/-705.564 χ^2/NDF : 16.0/16

143.115+/-318.778 χ^2/NDF : 36.3/35

-51.873+/-357.328 χ^2/NDF : 18.8/18

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 477.929+/-0.253 χ^2/NDF : 9910797.6/18

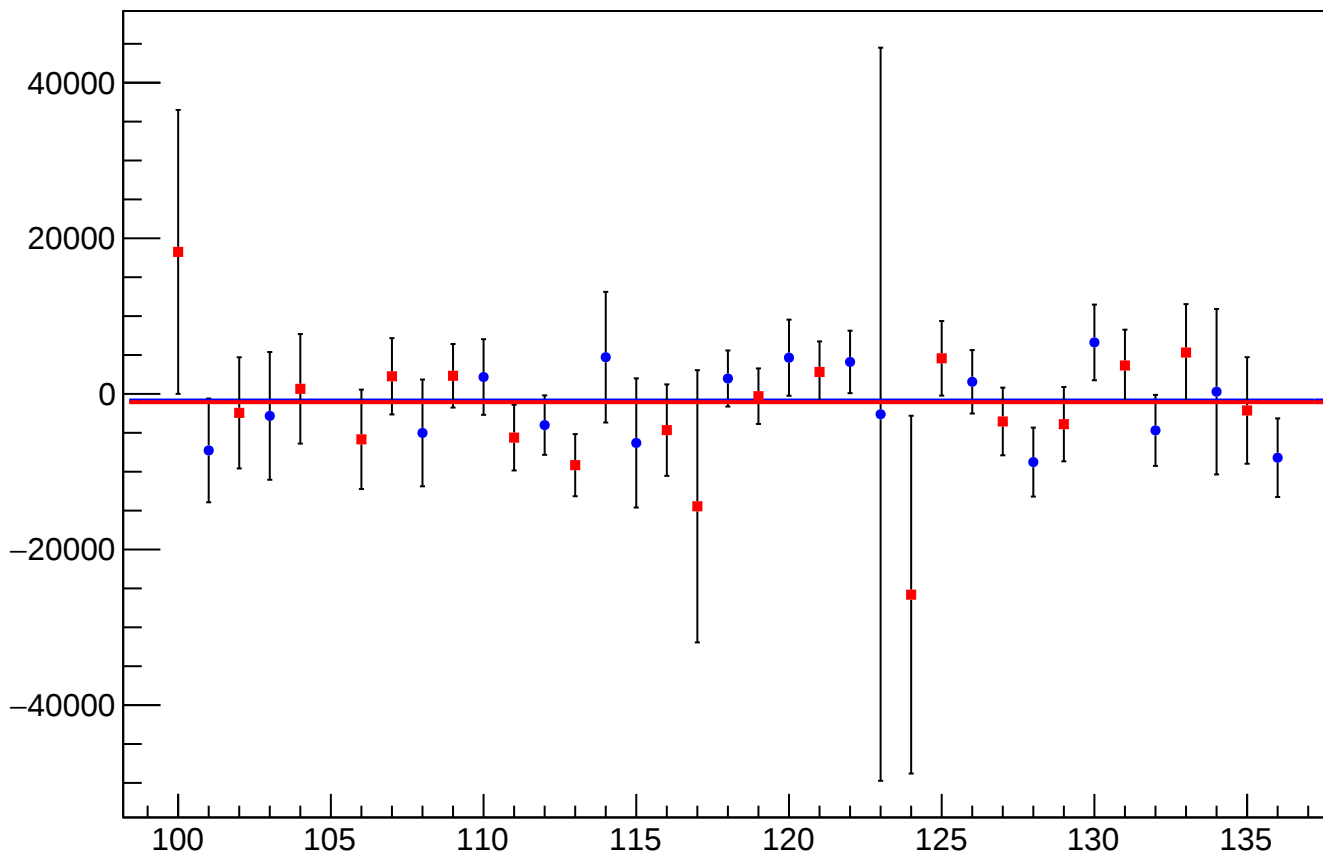
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

645.126+/-0.225 χ^2/NDF : 18565504.5/35

477.929+/-0.253 χ^2/NDF : 9910797.6/18

asym_atl_dd_mean vs Slug, Sign Corrected



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

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

Right Out: -1061.890+/-1195.545 χ^2/NDF : 15.5/18

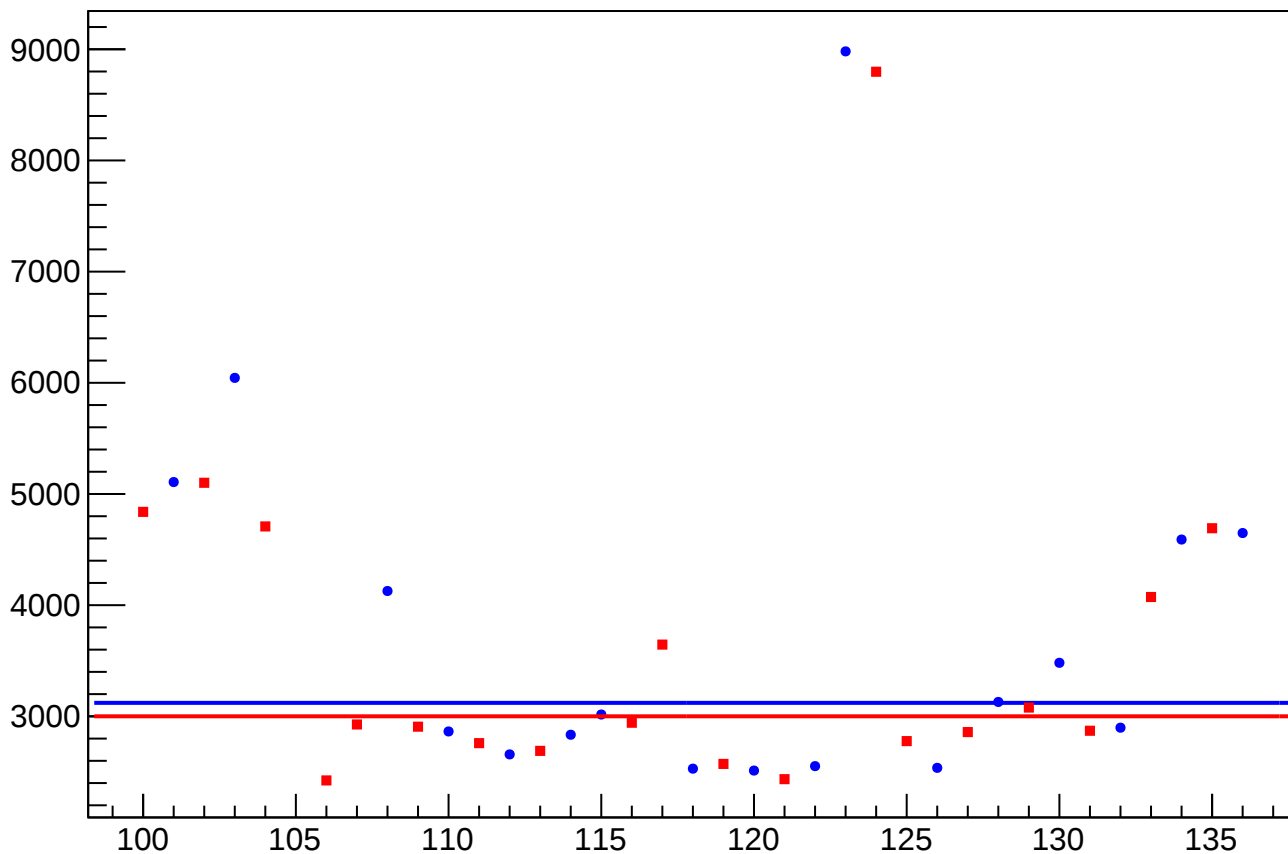
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-849.372+/-1261.026 χ^2/NDF : 15.4/16

-961.292+/-867.604 χ^2/NDF : 31.0/35

-1061.890+/-1195.545 χ^2/NDF : 15.5/18

asym_atl_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 3000.383+/-0.835 χ^2/NDF : 749587.6/18

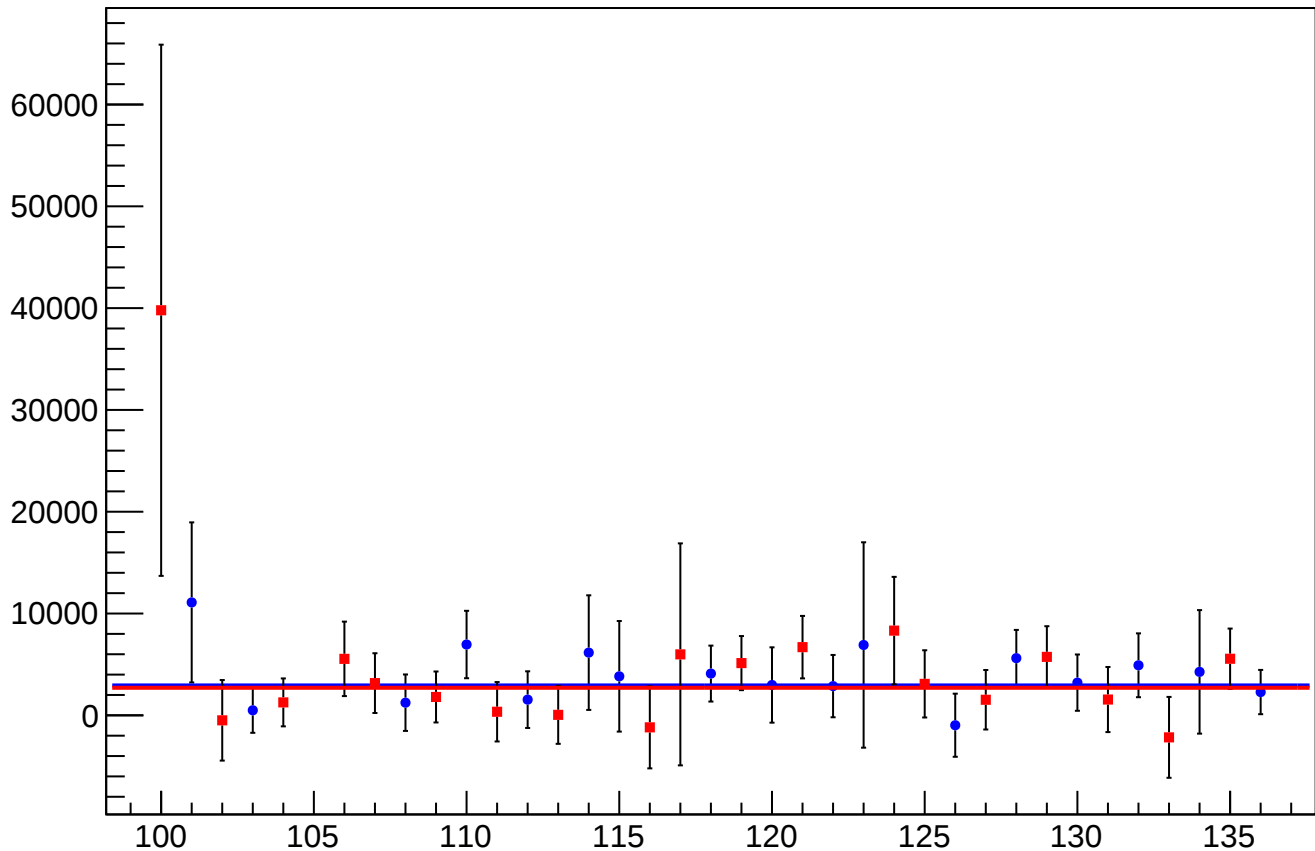
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

3056.915+/-0.609 χ^2/NDF : 1705114.5/35

3000.383+/-0.835 χ^2/NDF : 749587.6/18

reg_asym_atr_avg_mean vs Slug, Sign Corrected



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

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

Right Out: 2706.106+/-748.541 χ^2/NDF : 13.8/18

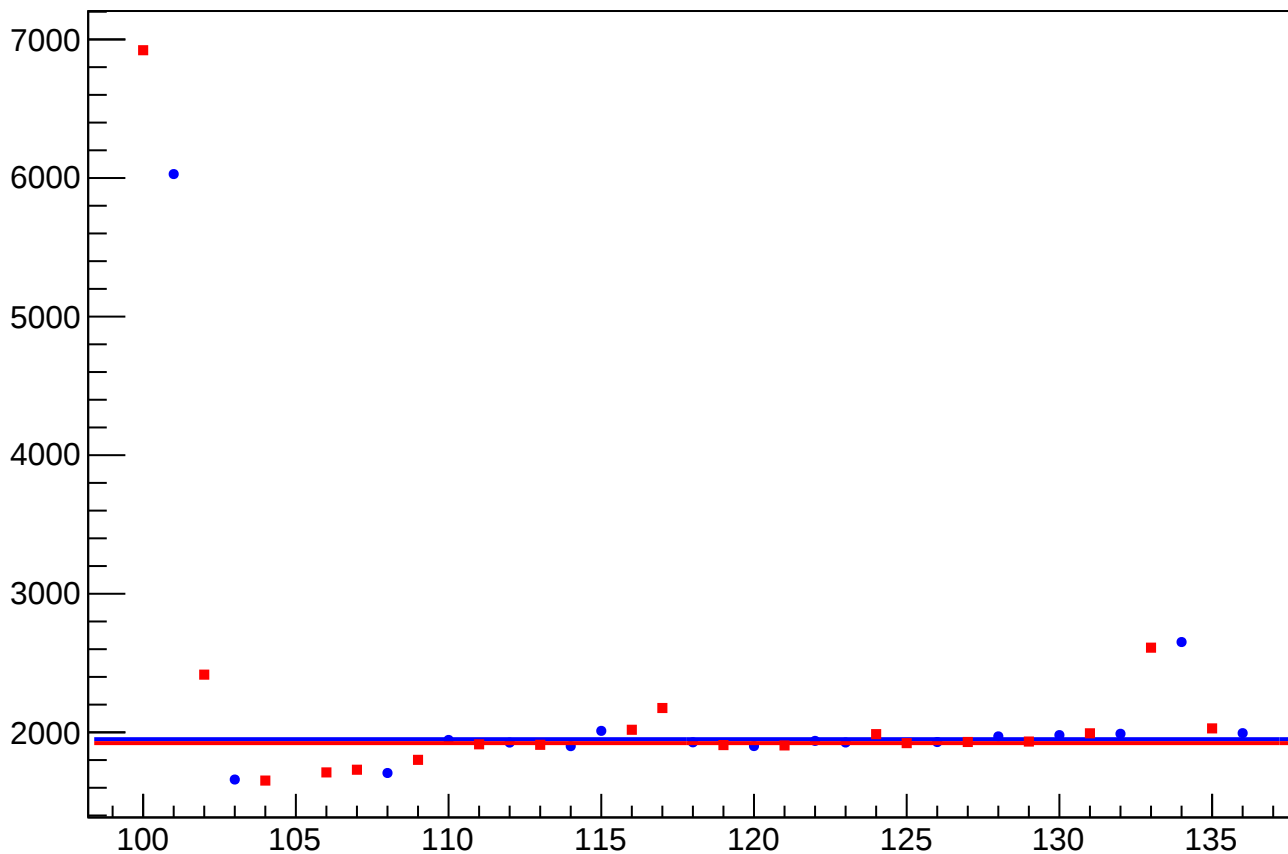
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2935.827+/-775.365 χ^2/NDF : 8.2/16

2816.924+/-538.532 χ^2/NDF : 21.9/35

2706.106+/-748.541 χ^2/NDF : 13.8/18

reg_asym_atr_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 1922.161+/-0.528 χ^2/NDF : 218049.6/18

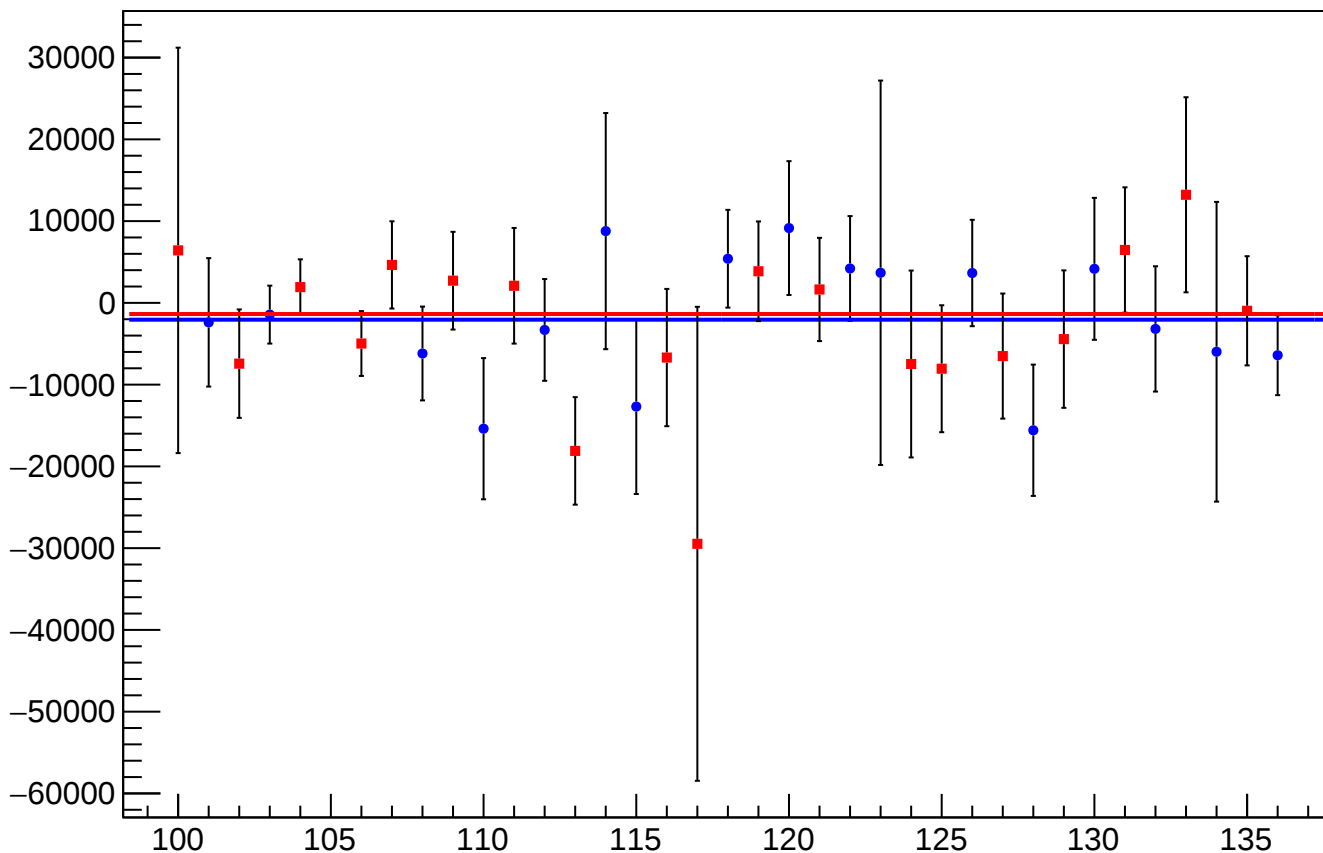
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1935.854+/-0.380 χ^2/NDF : 836779.0/35

1922.161+/-0.528 χ^2/NDF : 218049.6/18

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -1363.050+/-1490.360 χ^2/NDF : 17.6/18

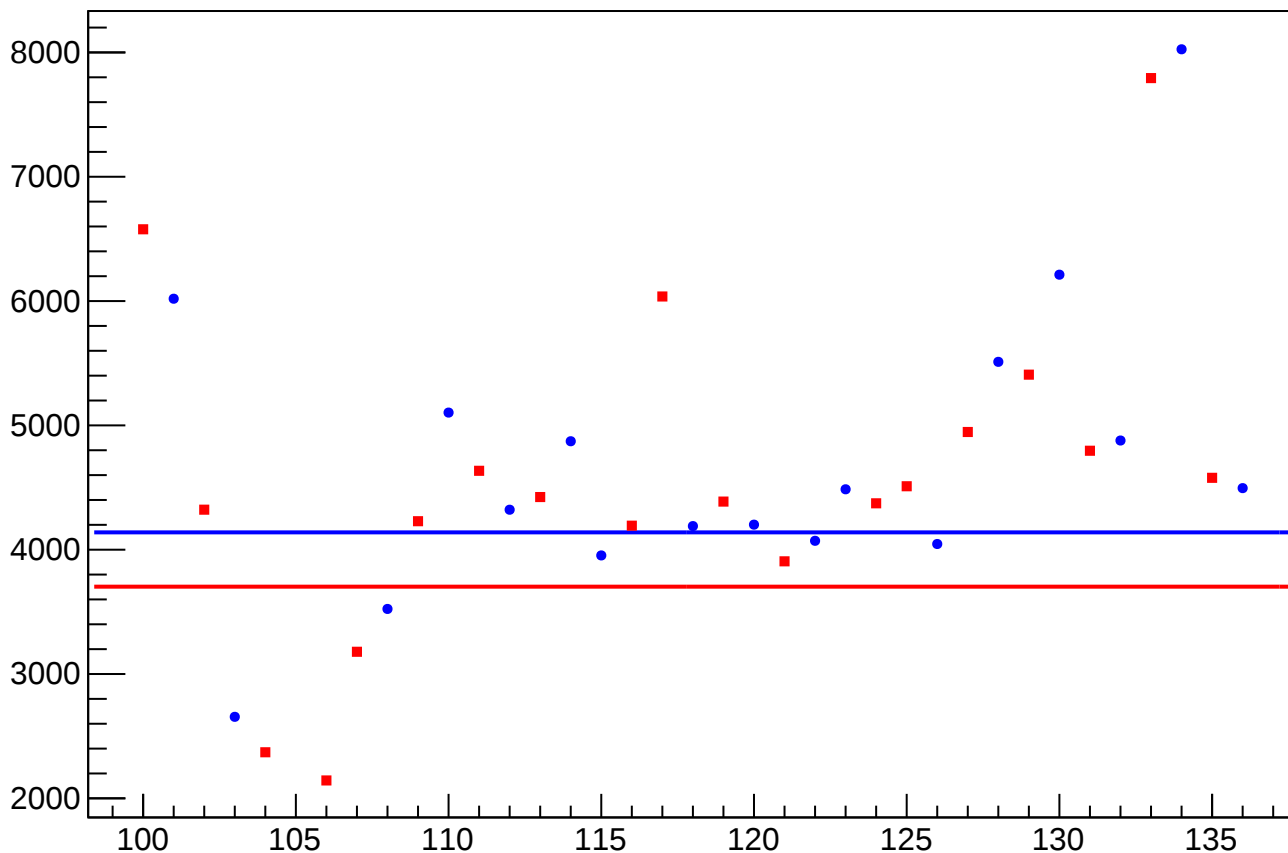
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

-1672.487+/-1109.305 χ^2/NDF : 31.7/35

-1363.050+/-1490.360 χ^2/NDF : 17.6/18

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 3702.668+/-1.054 χ^2/NDF : 1275726.5/18

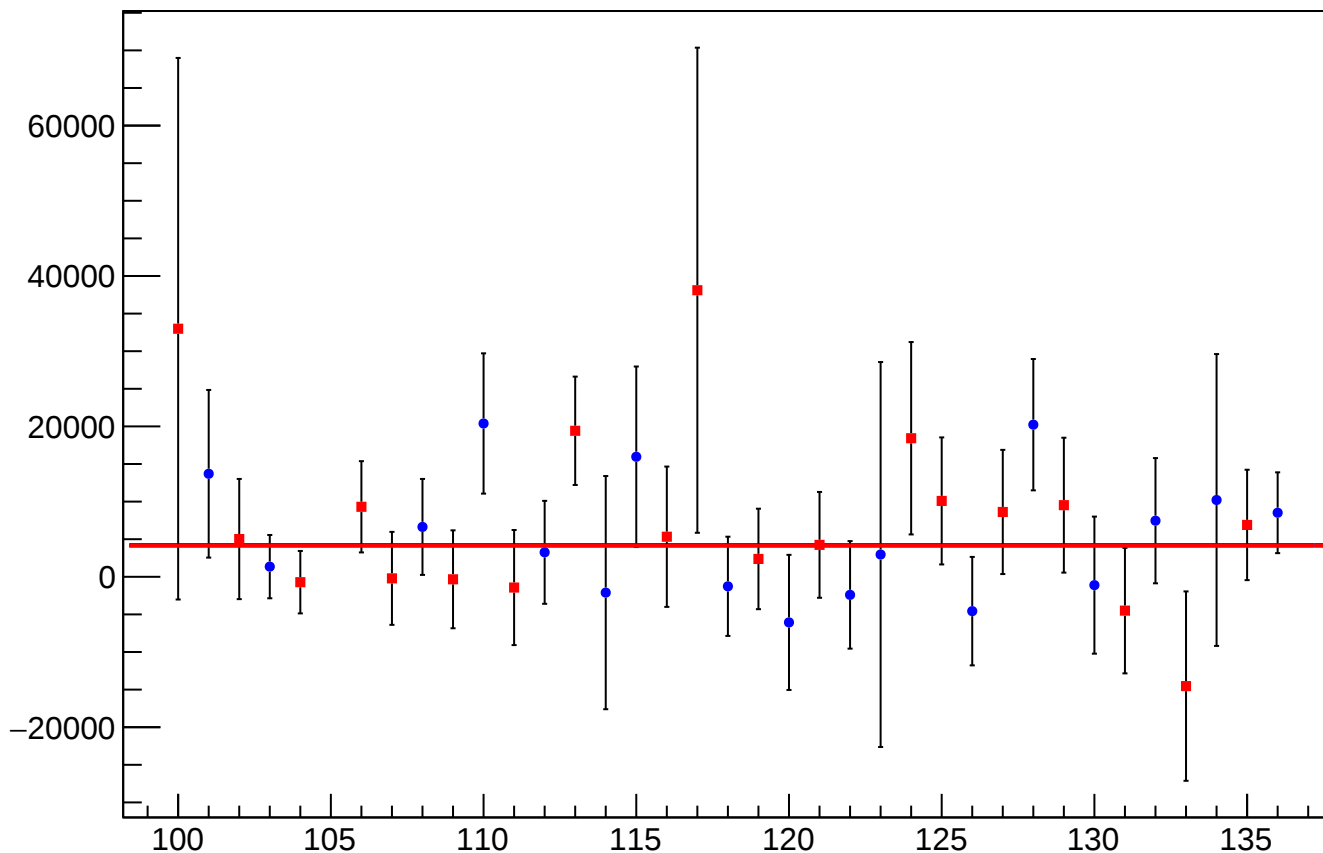
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

3897.442+/-0.784 χ^2/NDF : 2165869.9/35

3702.668+/-1.054 χ^2/NDF : 1275726.5/18

asym_atr_avg_mean vs Slug, Sign Corrected



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

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

Right Out: 4129.459+/-1742.792 χ^2/NDF : 15.7/18

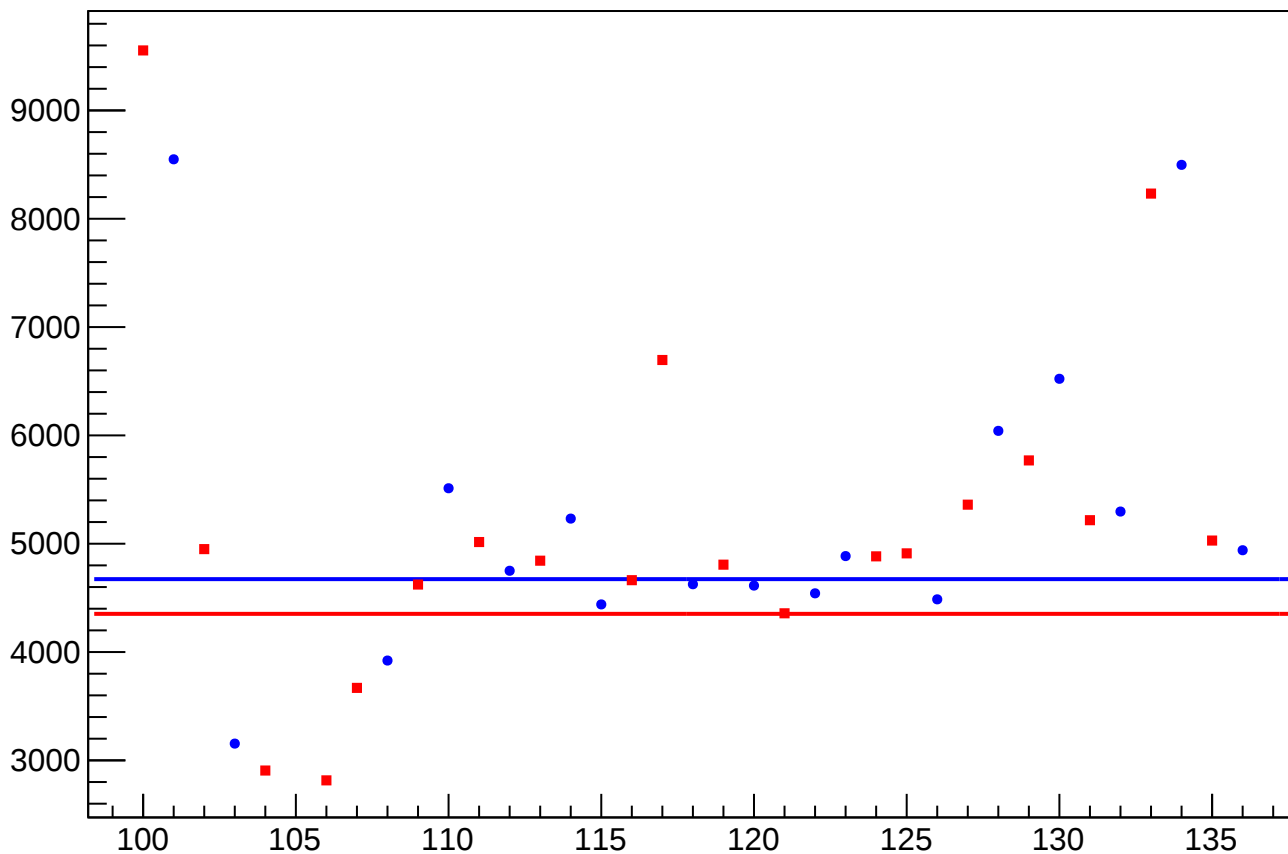
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4211.844+/-1871.304 χ^2/NDF : 14.4/16

4167.726+/-1275.354 χ^2/NDF : 30.2/35

4129.459+/-1742.792 χ^2/NDF : 15.7/18

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4673.046 $\pm$ 1.323 χ^2 /NDF: 777321.1/16

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

Right Out: 4352.556 $\pm$ 1.225 χ^2 /NDF: 836950.8/18

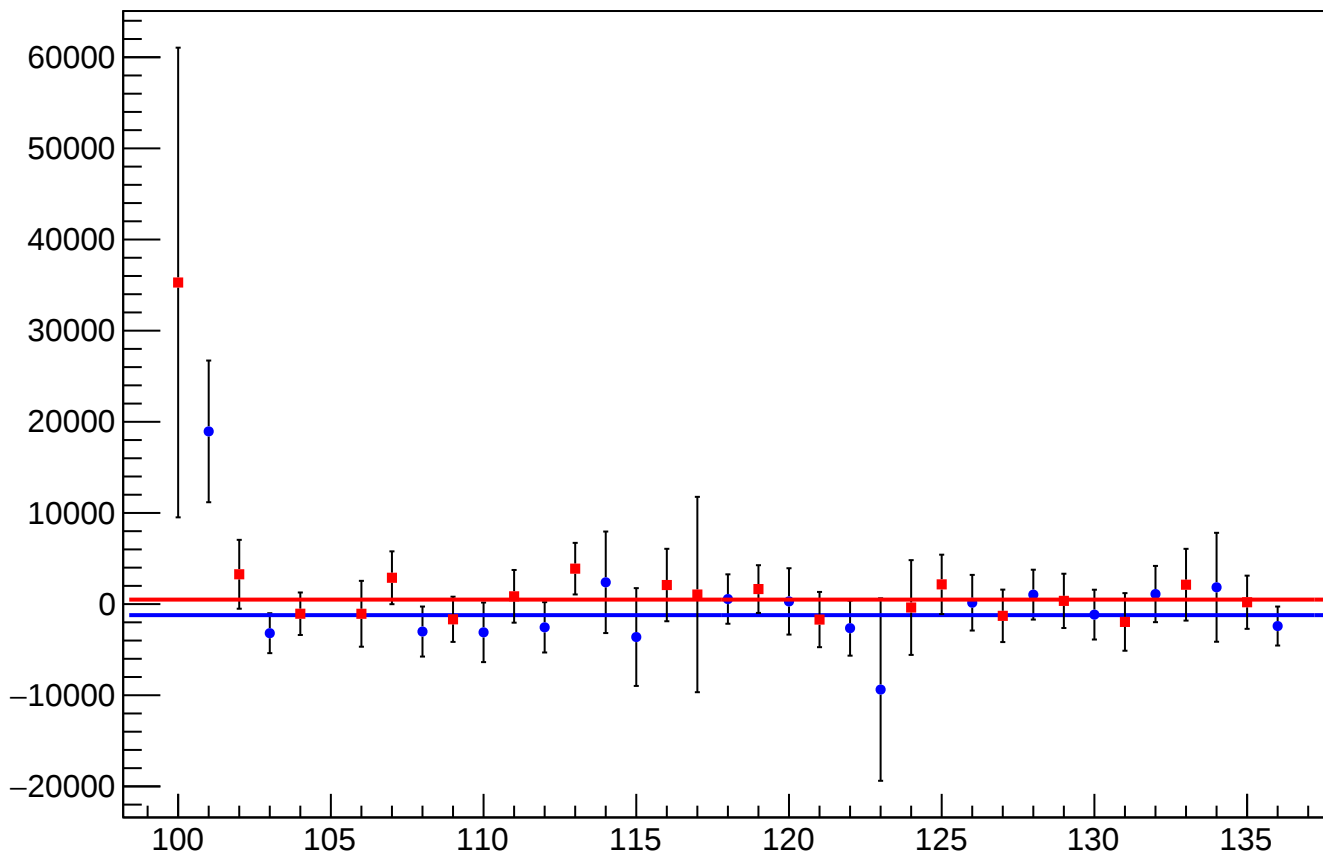
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

4673.046 $\pm$ 1.323 χ^2 /NDF: 777321.1/16

4500.478 $\pm$ 0.899 χ^2 /NDF: 1645859.4/35

4352.556 $\pm$ 1.225 χ^2 /NDF: 836950.8/18

reg_asym_atr_dd_mean vs Slug, Sign Corrected



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

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

Right Out: 493.357+/-738.768 χ^2/NDF : 8.2/18

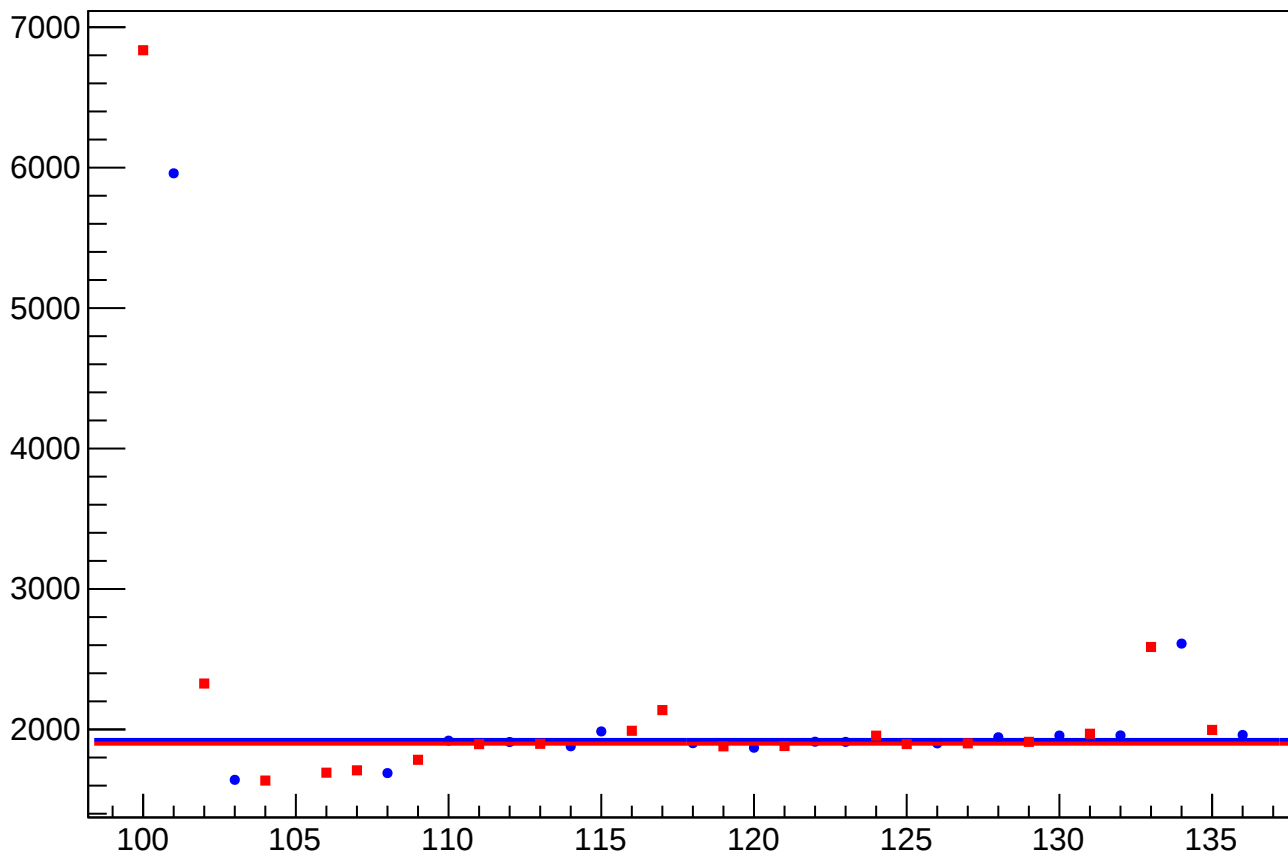
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1211.176+/-765.294 χ^2/NDF : 12.7/16

-328.857+/-531.518 χ^2/NDF : 23.5/35

493.357+/-738.768 χ^2/NDF : 8.2/18

reg_asym_atr_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 1898.504+/-0.521 χ^2/NDF : 211569.7/18

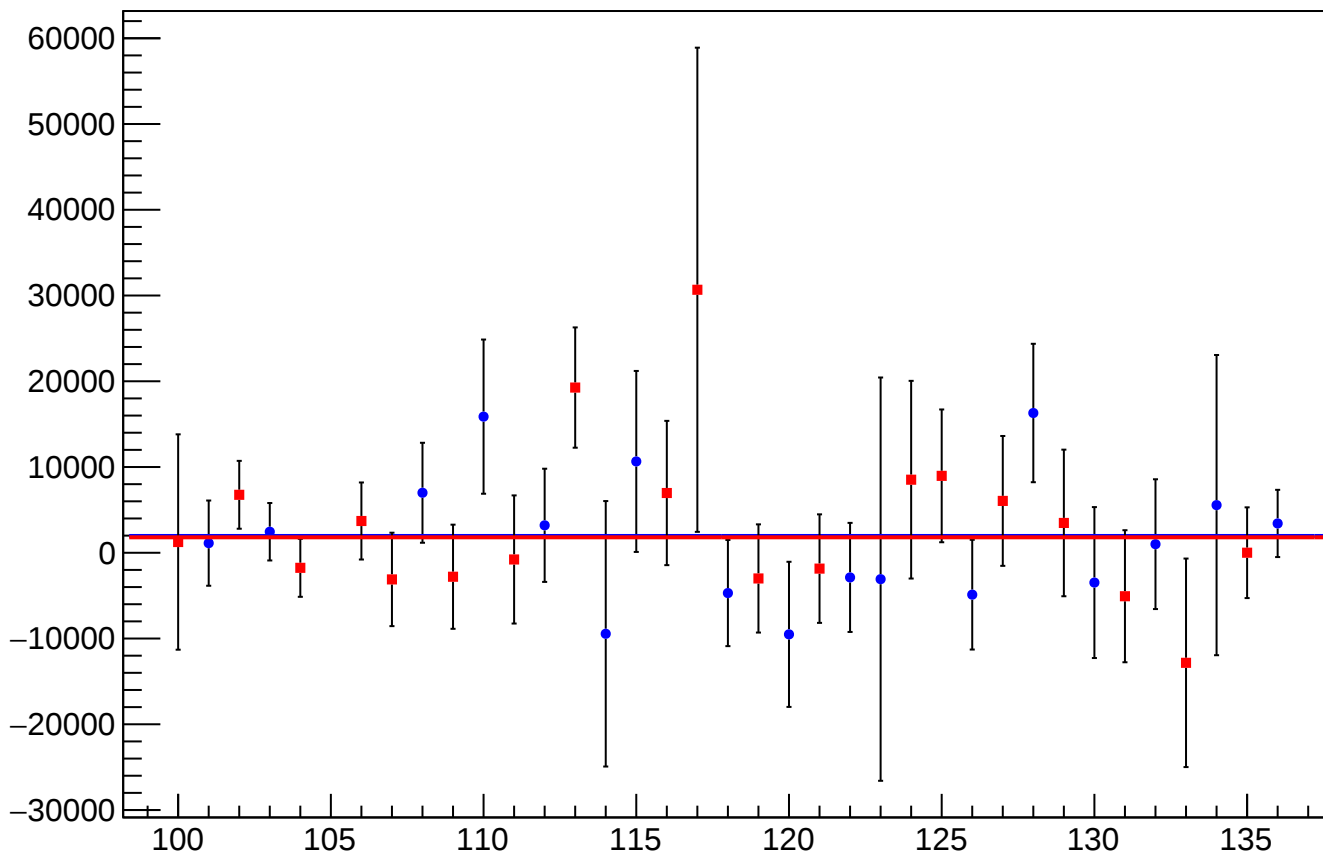
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1911.408+/-0.375 χ^2/NDF : 828707.3/35

1898.504+/-0.521 χ^2/NDF : 211569.7/18

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 1803.013+/-1433.754 χ^2/NDF : 16.8/18

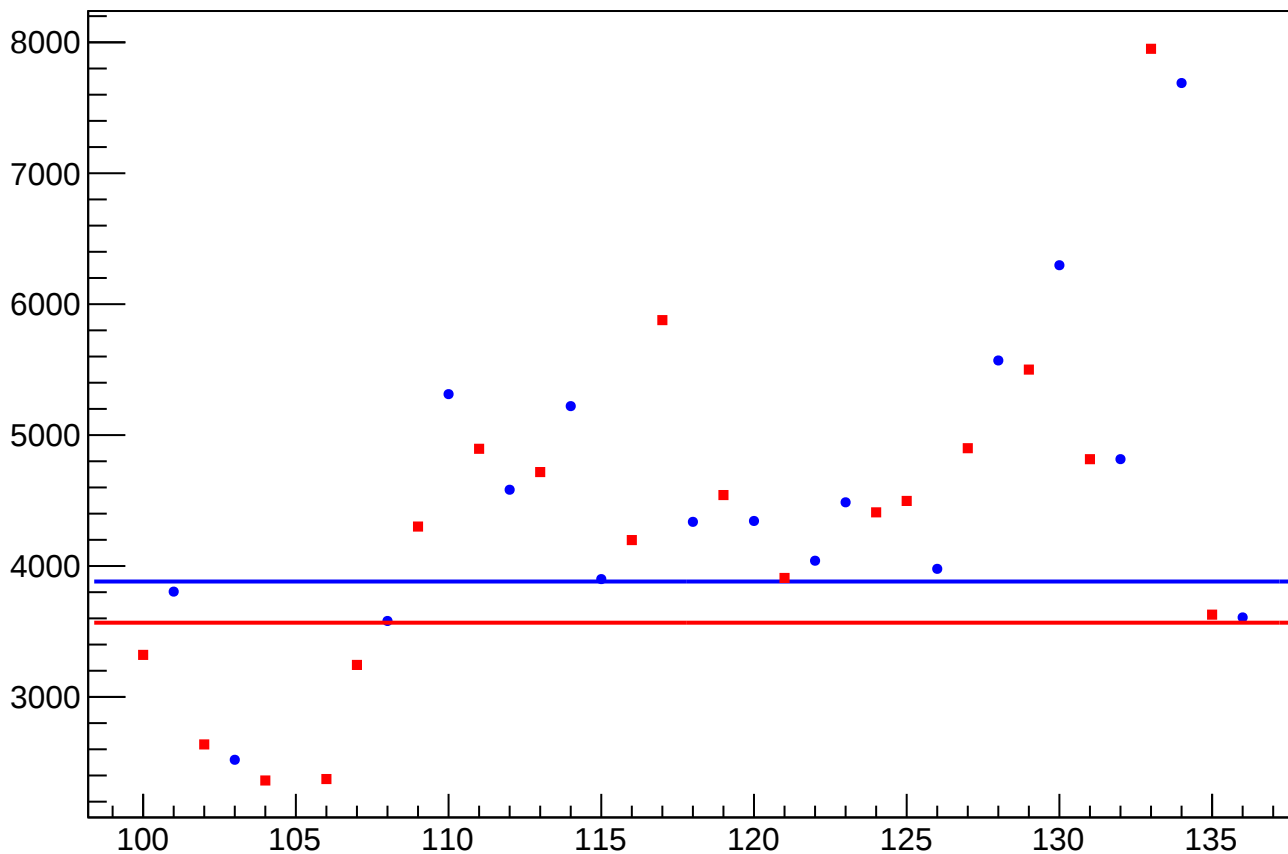
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1959.060+/-1556.840 χ^2/NDF : 12.9/16

1874.624+/-1054.651 χ^2/NDF : 29.8/35

1803.013+/-1433.754 χ^2/NDF : 16.8/18

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 3567.056+/-1.014 χ^2/NDF : 1254927.1/18

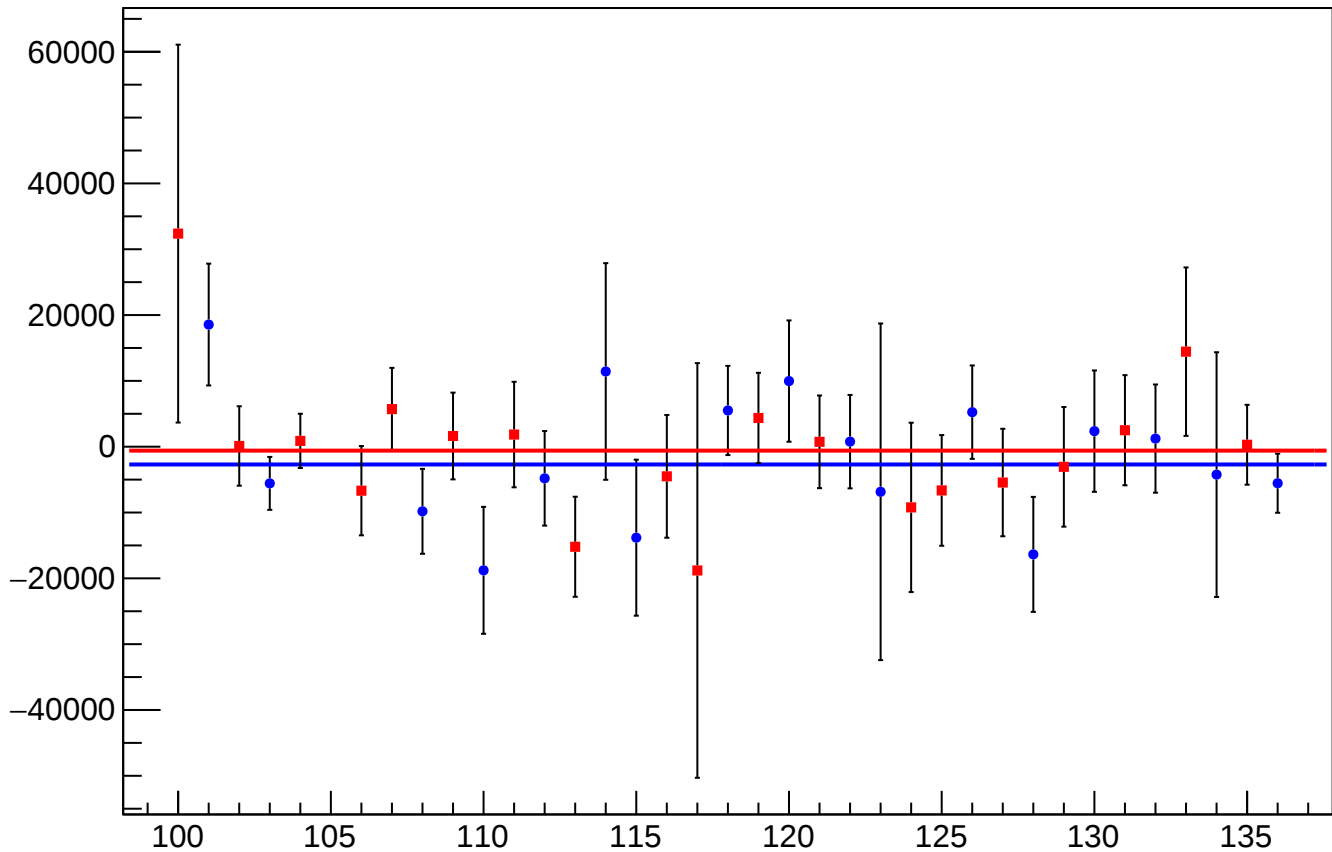
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

3711.393+/-0.746 χ^2/NDF : 2116562.1/35

3567.056+/-1.014 χ^2/NDF : 1254927.1/18

asym_atr_dd_mean vs Slug, Sign Corrected



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

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

Right Out: -595.032+/-1716.591 χ^2/NDF : 11.2/18

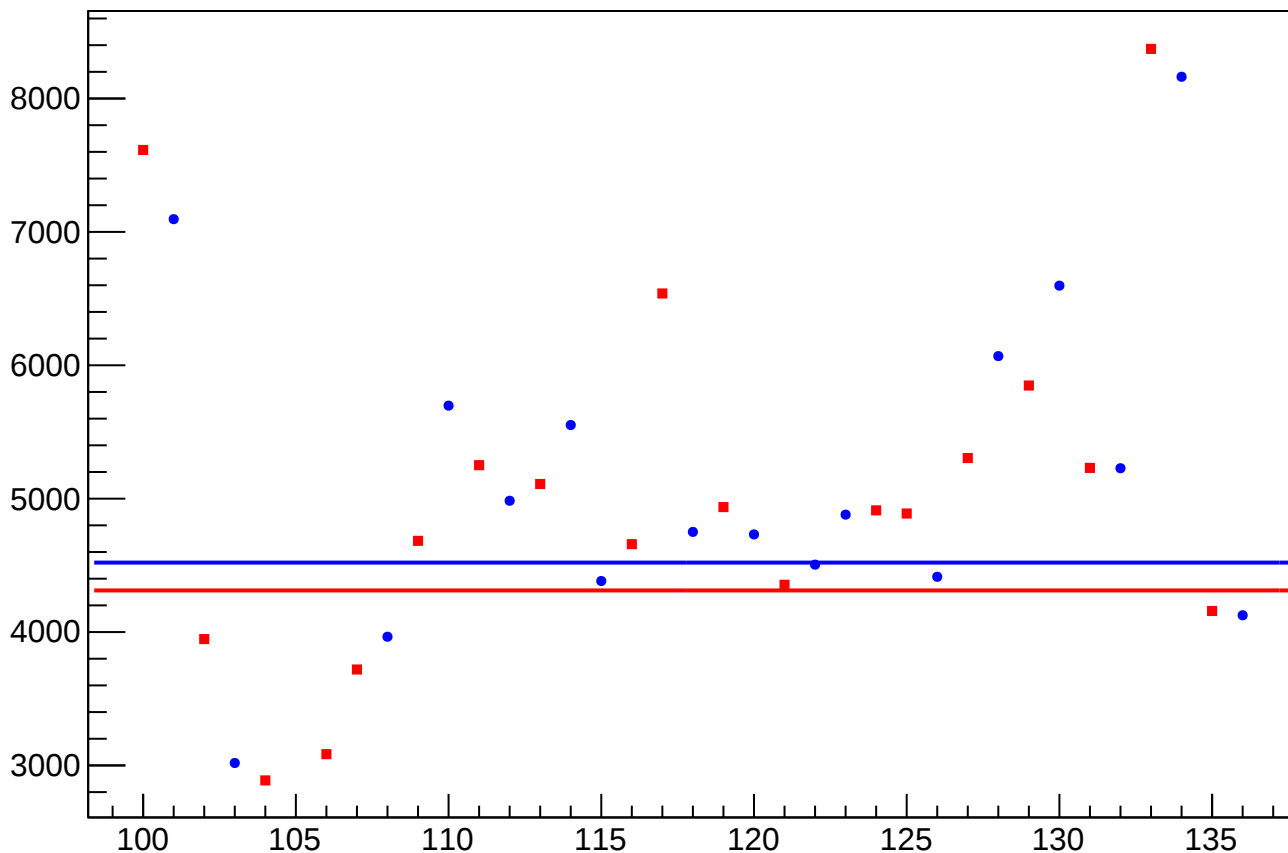
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

-1592.681+/-1245.219 χ^2/NDF : 31.6/35

-595.032+/-1716.591 χ^2/NDF : 11.2/18

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4520.685+/-1.279 χ^2/NDF : 770887.4/16

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

Right Out: 4312.020+/-1.207 χ^2/NDF : 780139.6/18

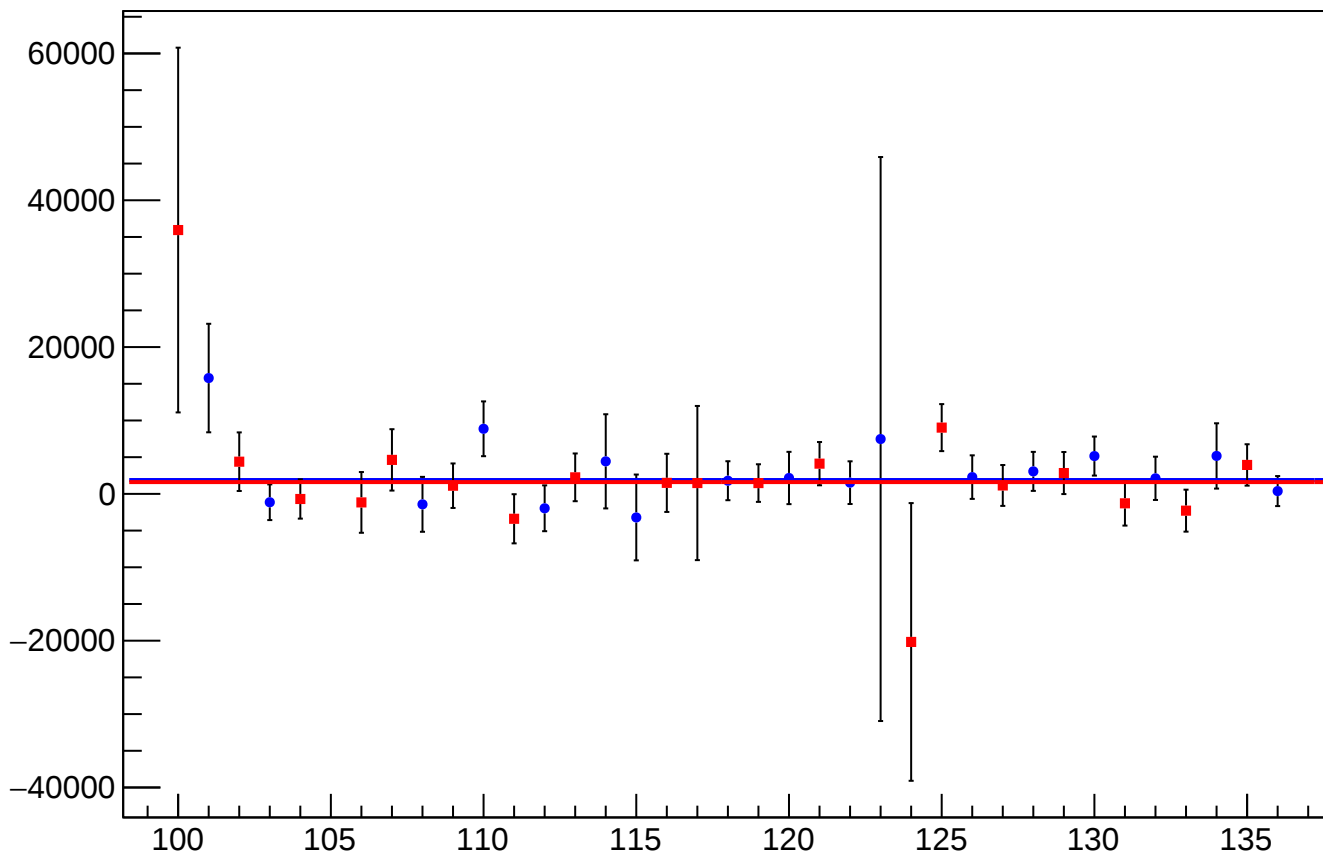
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4520.685+/-1.279 χ^2/NDF : 770887.4/16

4410.287+/-0.878 χ^2/NDF : 1565104.8/35

4312.020+/-1.207 χ^2/NDF : 780139.6/18

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1887.915 $\pm$ 783.827 χ^2 /NDF: 14.7/16

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

Right Out: 1605.935 $\pm$ 776.035 χ^2 /NDF: 17.5/18

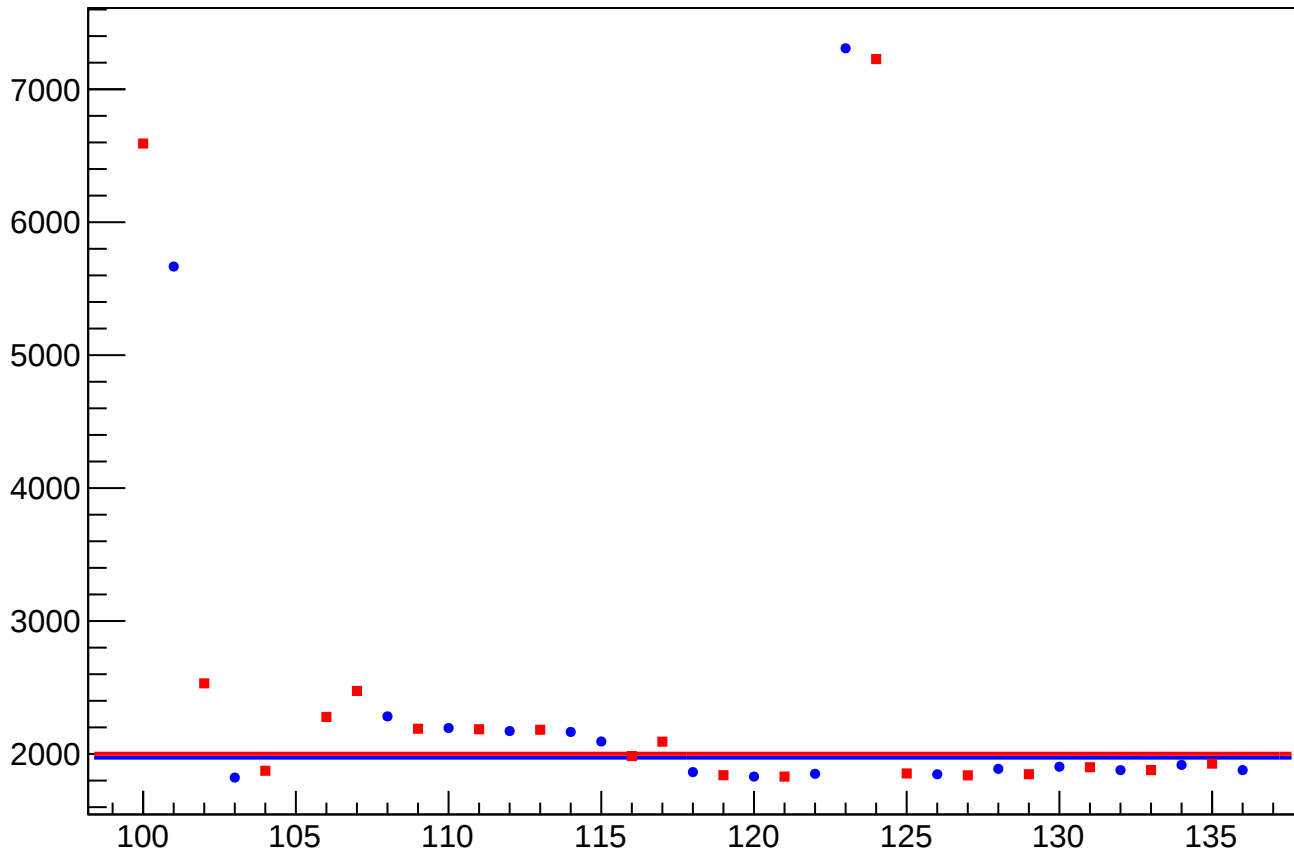
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1887.915 $\pm$ 783.827 χ^2 /NDF: 14.7/16

1745.517 $\pm$ 551.474 χ^2 /NDF: 32.2/35

1605.935 $\pm$ 776.035 χ^2 /NDF: 17.5/18

reg_asym_at1_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 2001.981+/-0.549 χ^2/NDF : 354175.2/18

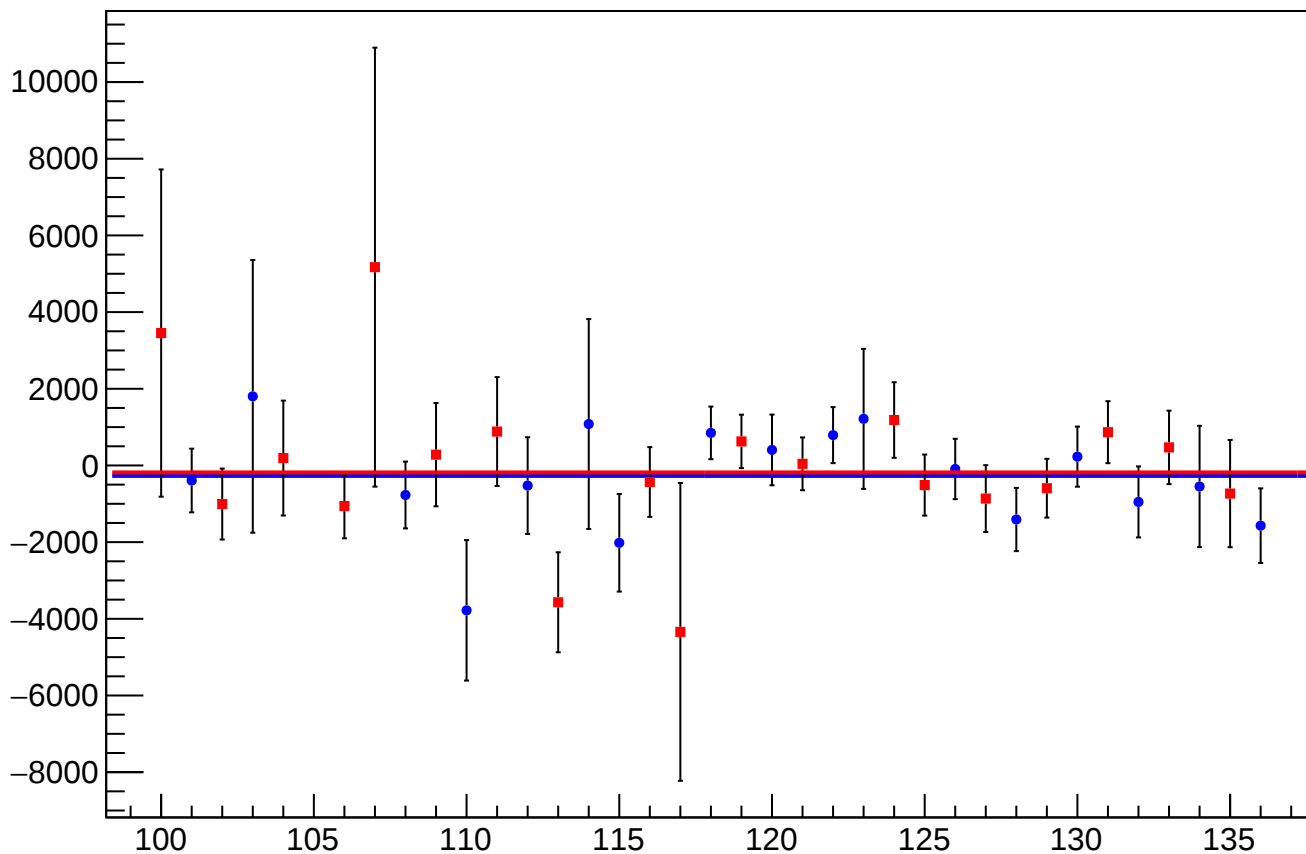
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1987.380+/-0.390 χ^2/NDF : 956475.1/35

2001.981+/-0.549 χ^2/NDF : 354175.2/18

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -181.741+/-229.744 χ^2/NDF : 18.9/18

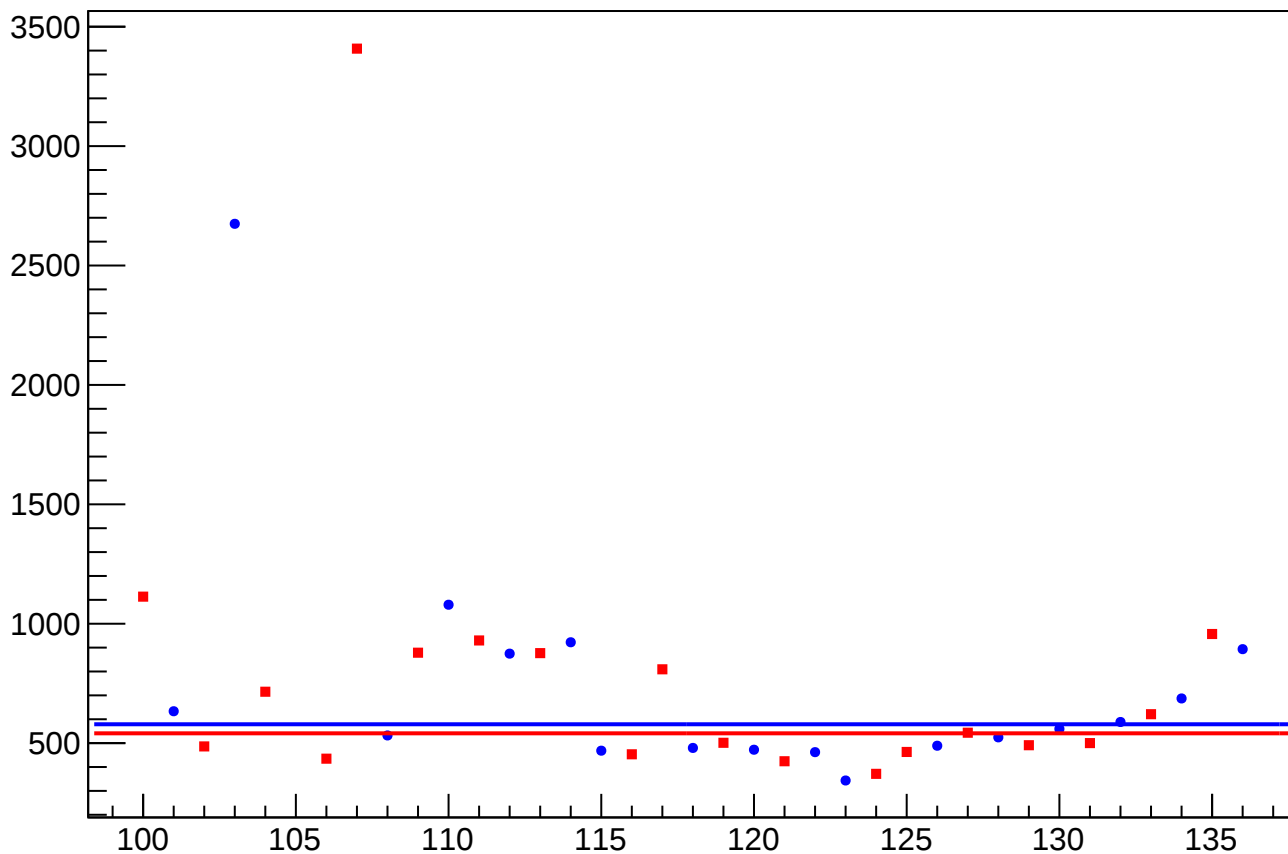
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-271.773+/-240.214 χ^2/NDF : 17.2/16

-224.752+/-166.032 χ^2/NDF : 36.2/35

-181.741+/-229.744 χ^2/NDF : 18.9/18

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 541.083 $\pm$ 0.162 χ^2 /NDF: 1386889.5/18

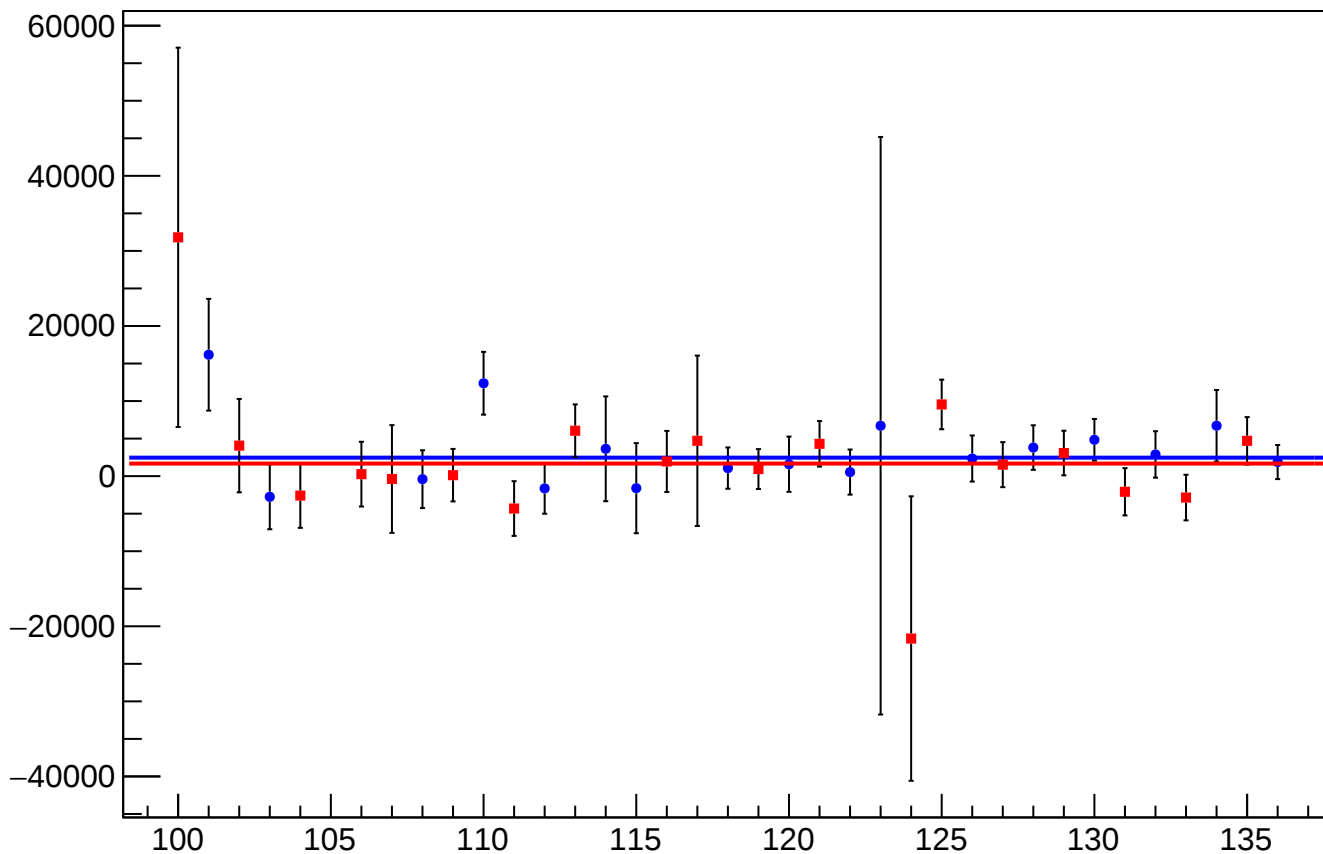
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

559.202 $\pm$ 0.117 χ^2 /NDF: 2835077.0/35

541.083 $\pm$ 0.162 χ^2 /NDF: 1386889.5/18

asym_at1_avg_mean vs Slug, Sign Corrected



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

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

Right Out: 1671.705+/-863.879 χ^2/NDF : 20.1/18

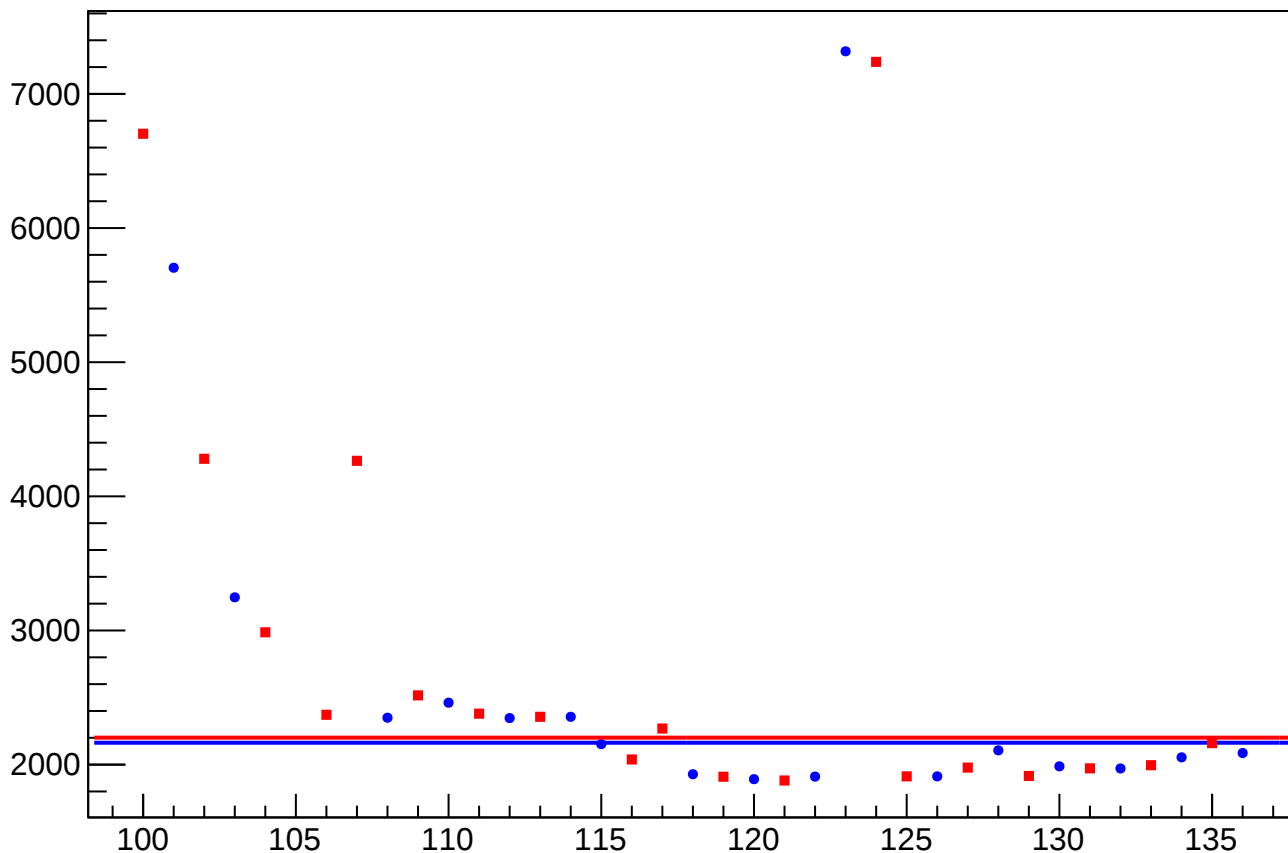
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2464.076+/-863.197 χ^2/NDF : 15.5/16

2068.203+/-610.613 χ^2/NDF : 36.0/35

1671.705+/-863.879 χ^2/NDF : 20.1/18

asym_at1_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 2201.178+/-0.611 χ^2/NDF : 803088.8/18

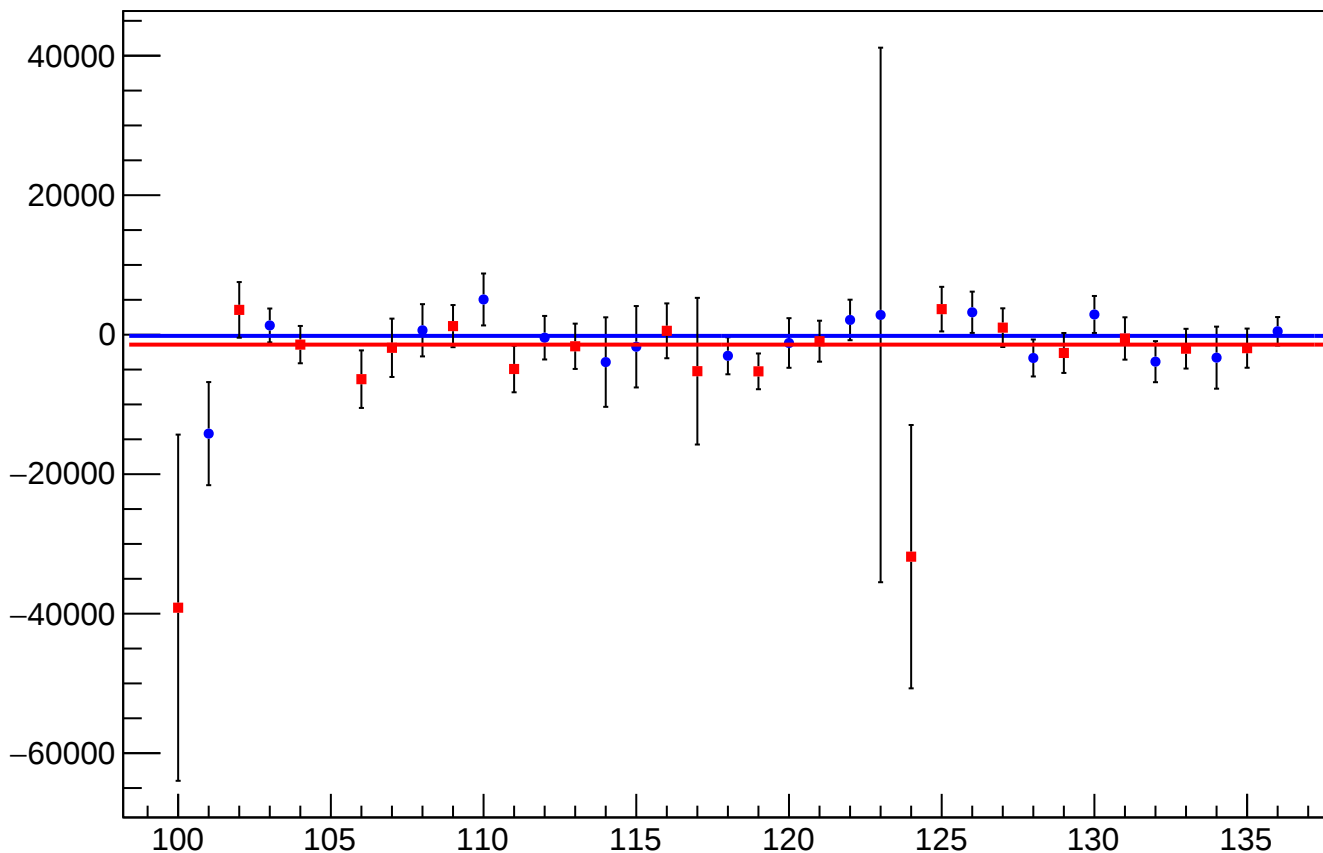
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2182.225+/-0.432 χ^2/NDF : 1514597.0/35

2201.178+/-0.611 χ^2/NDF : 803088.8/18

reg_asym_at1_dd_mean vs Slug, Sign Corrected



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

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

Right Out: -1424.420 ± 774.500 χ^2/NDF : 16.1/18

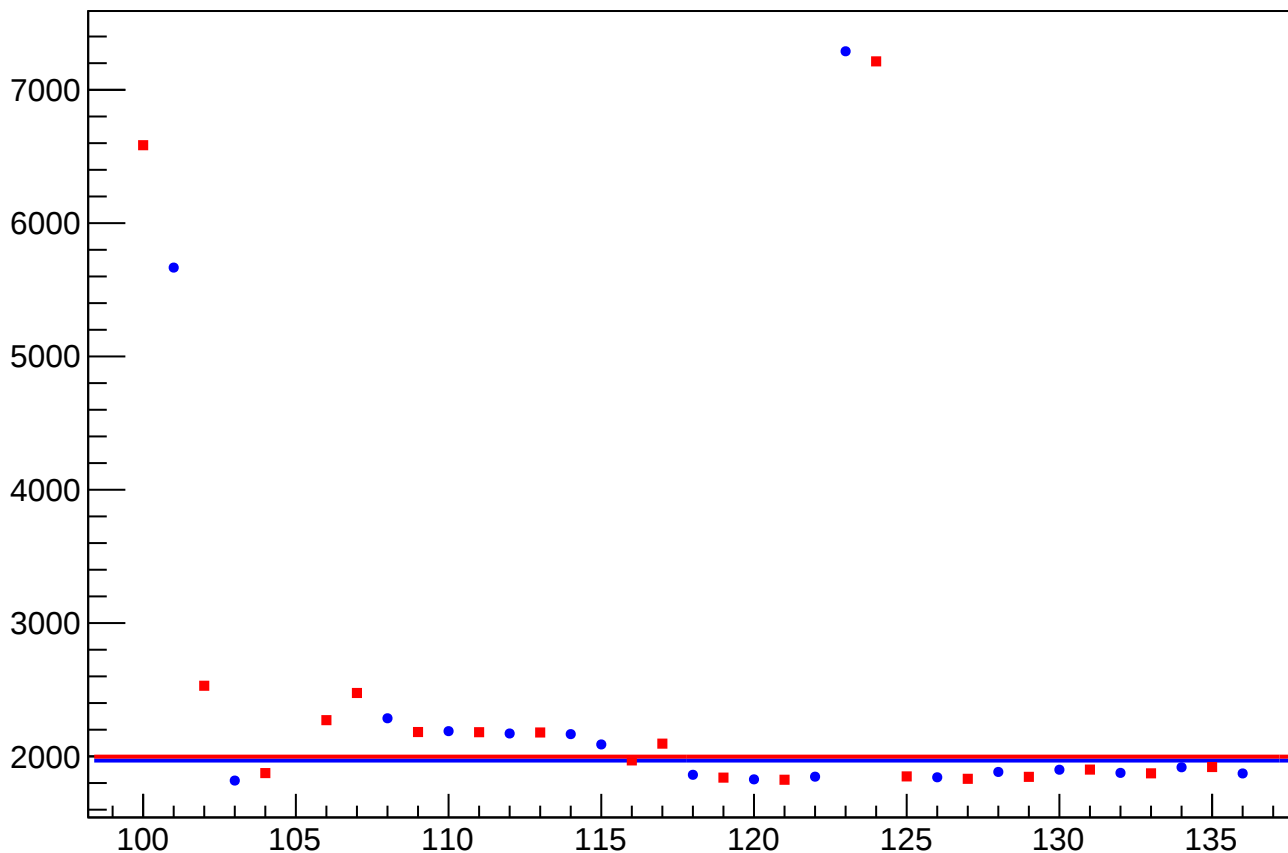
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-170.351 ± 782.384 χ^2/NDF : 14.5/16

-803.736 ± 550.420 χ^2/NDF : 31.9/35

-1424.420 ± 774.500 χ^2/NDF : 16.1/18

reg_asym_at1_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 1997.947+/-0.548 χ^2/NDF : 354669.8/18

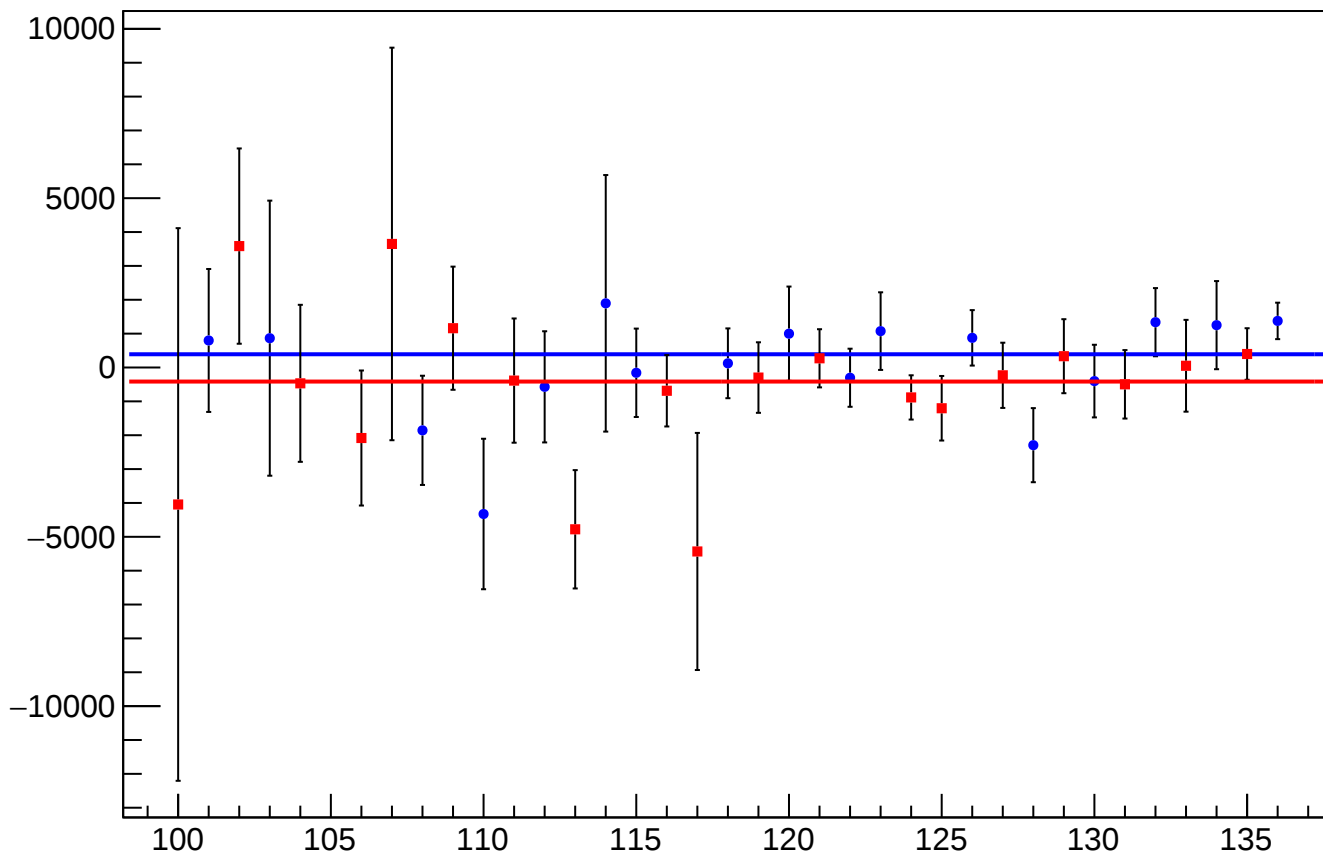
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1983.438+/-0.389 χ^2/NDF : 959060.6/35

1997.947+/-0.548 χ^2/NDF : 354669.8/18

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: 390.923 $\pm$ 270.128 χ^2 /NDF: 20.0/16

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

Right Out: -415.183 $\pm$ 273.238 χ^2 /NDF: 16.0/18

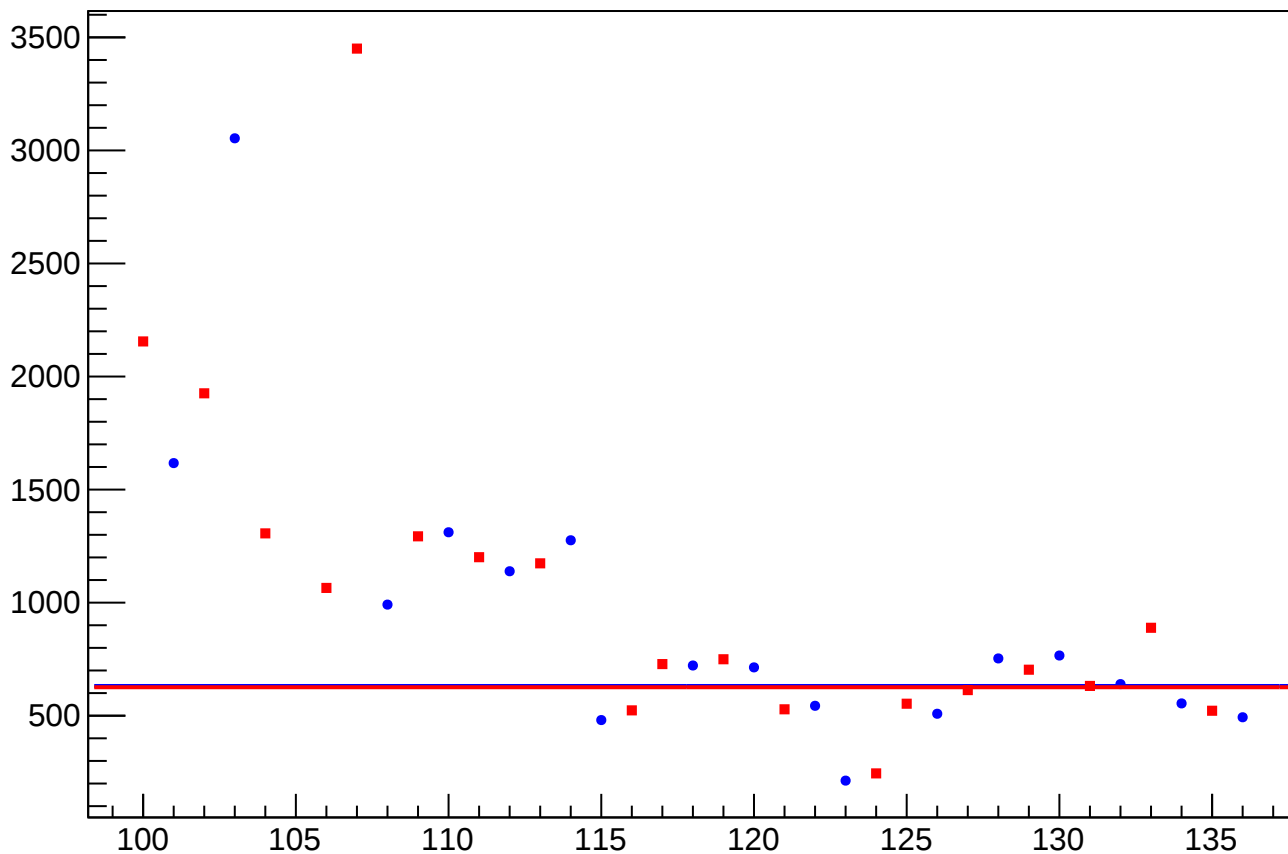
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

390.923 $\pm$ 270.128 χ^2 /NDF: 20.0/16

-7.516 $\pm$ 192.100 χ^2 /NDF: 40.5/35

-415.183 $\pm$ 273.238 χ^2 /NDF: 16.0/18

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 625.862+/-0.193 χ^2/NDF : 2772672.8/18

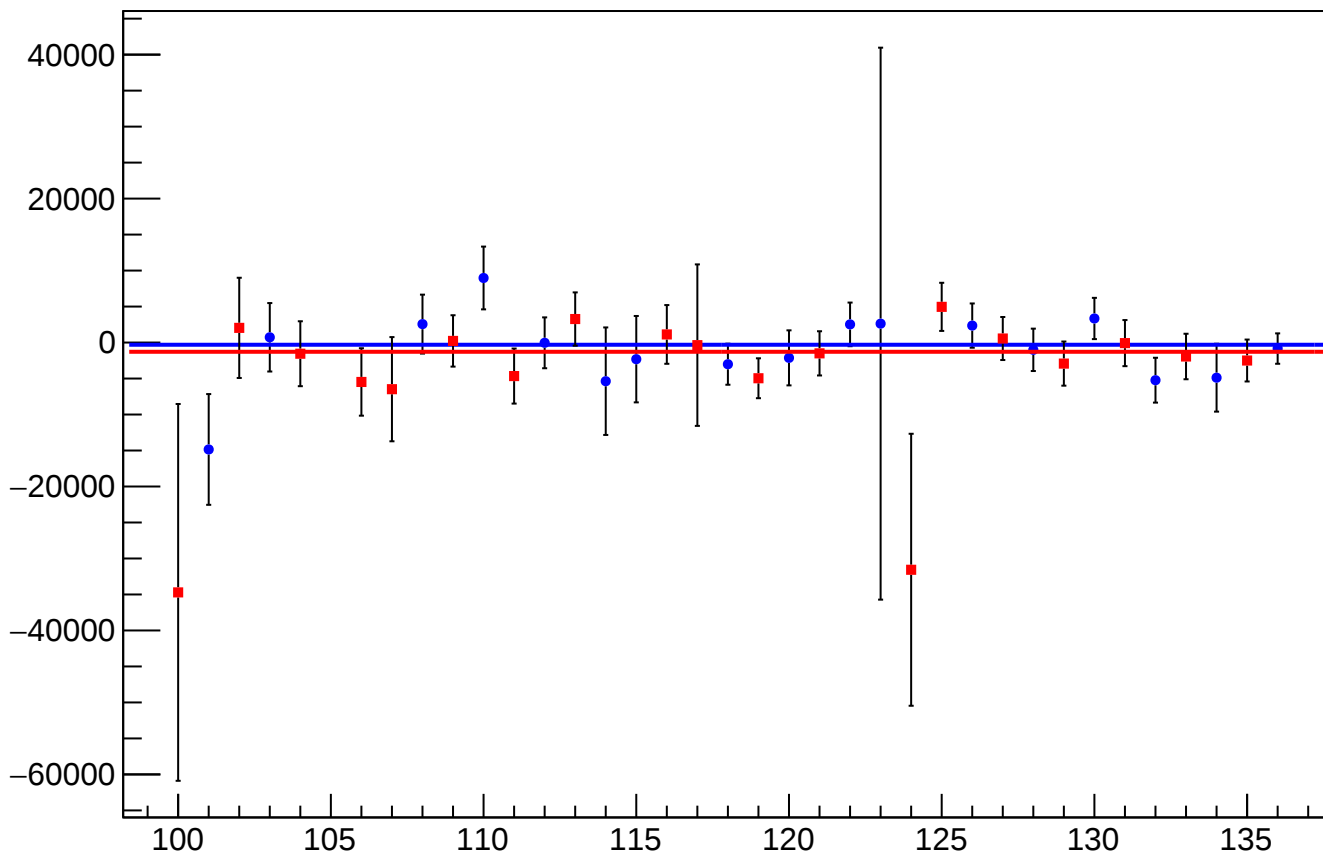
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

628.678+/-0.136 χ^2/NDF : 5033785.4/35

625.862+/-0.193 χ^2/NDF : 2772672.8/18

asym_at1_dd_mean vs Slug, Sign Corrected



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

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

Right Out: -1282.195+/-881.716 χ^2/NDF : 14.9/18

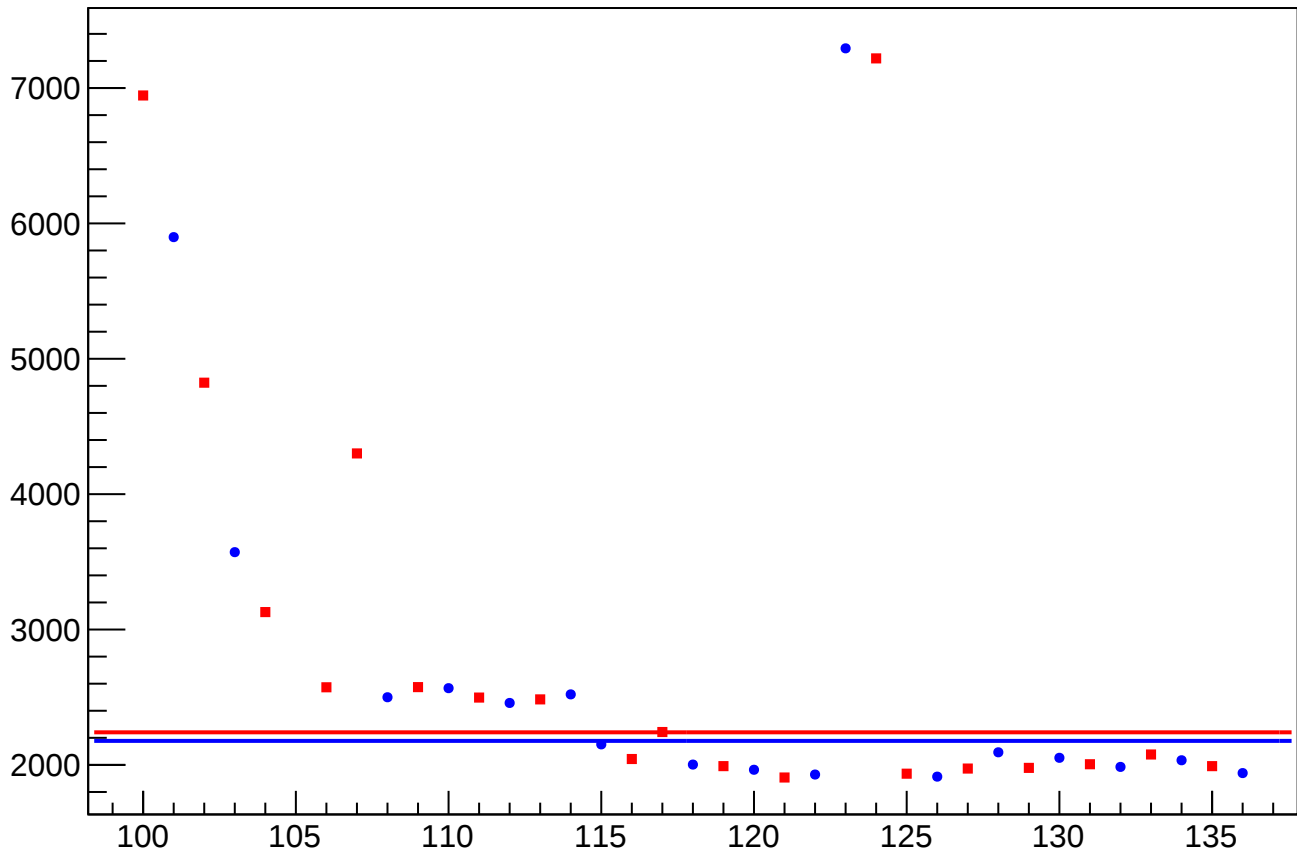
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-305.713+/-871.922 χ^2/NDF : 17.2/16

-788.500+/-619.976 χ^2/NDF : 32.6/35

-1282.195+/-881.716 χ^2/NDF : 14.9/18

asym_at1_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 2240.741+/-0.623 χ^2/NDF : 886598.9/18

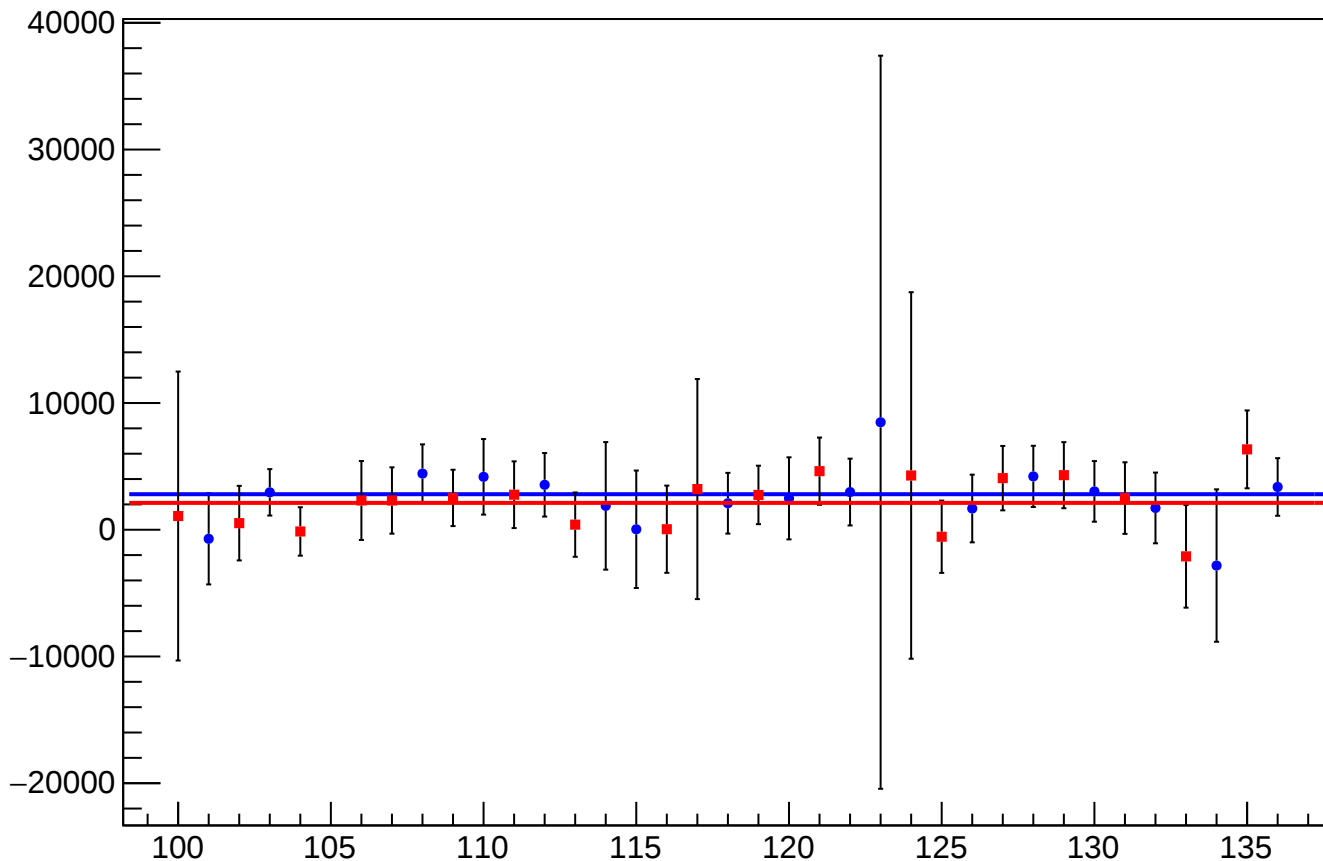
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2208.740+/-0.438 χ^2/NDF : 1694646.4/35

2240.741+/-0.623 χ^2/NDF : 886598.9/18

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2803.917 $\pm$ 678.548 χ^2 /NDF: 3.9/16

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

Right Out: 2119.087 $\pm$ 659.610 χ^2 /NDF: 8.8/18

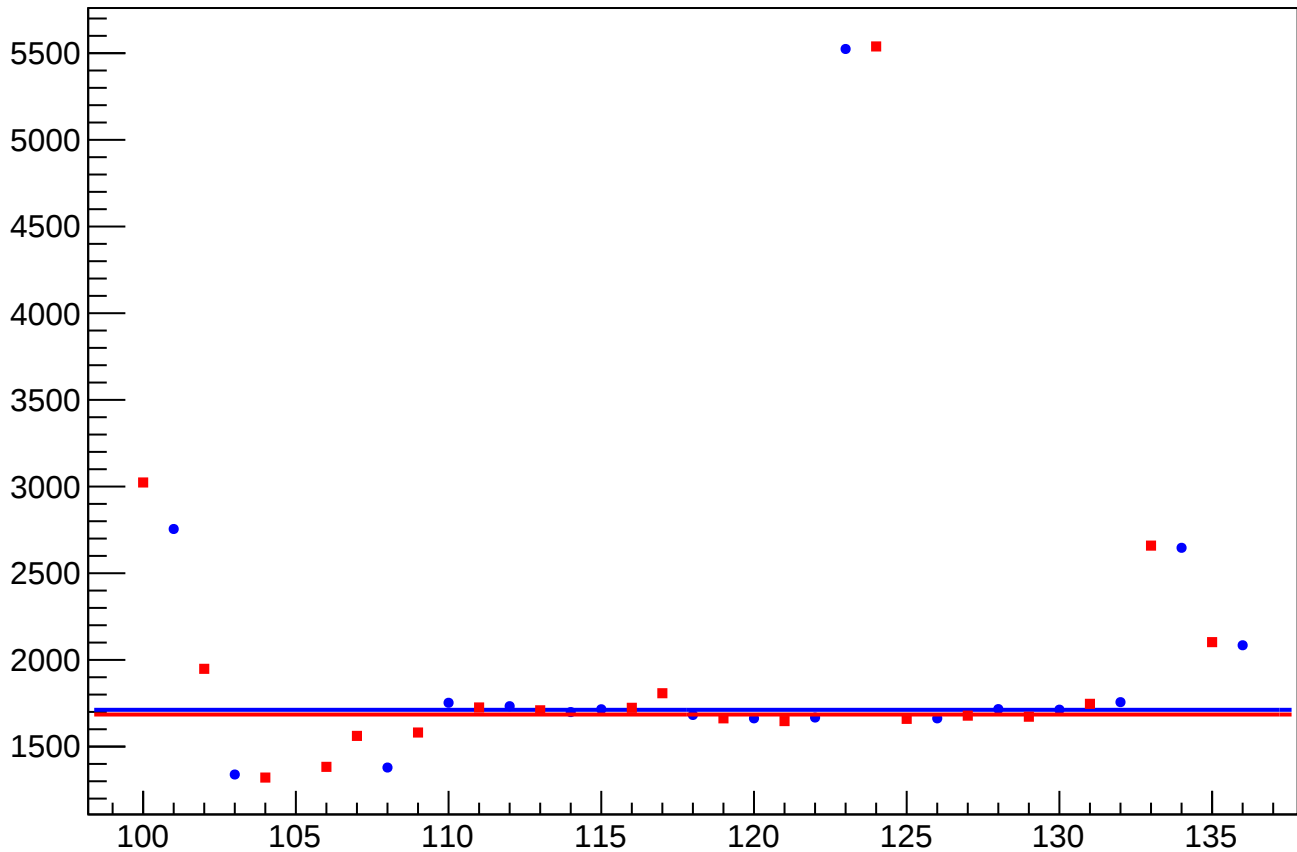
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2803.917 $\pm$ 678.548 χ^2 /NDF: 3.9/16

2451.812 $\pm$ 472.968 χ^2 /NDF: 13.2/35

2119.087 $\pm$ 659.610 χ^2 /NDF: 8.8/18

reg_asym_at2_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 1684.982+/-0.466 χ^2/NDF : 441661.4/18

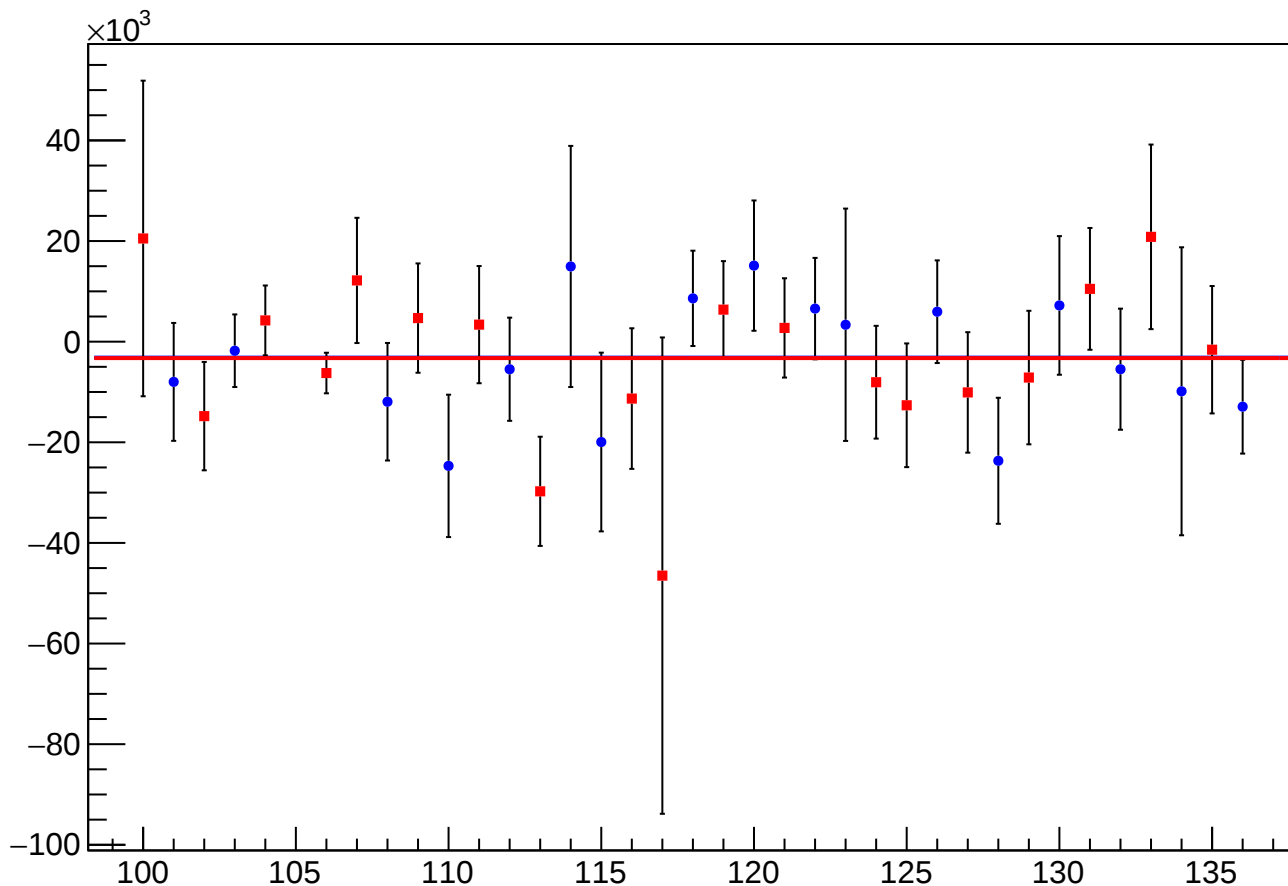
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1698.183+/-0.334 χ^2/NDF : 875788.7/35

1684.982+/-0.466 χ^2/NDF : 441661.4/18

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -3173.245+/-2851.982 χ^2 /NDF: 14.4/16

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

Right Out: -3265.988+/-2279.035 χ^2 /NDF: 18.5/18

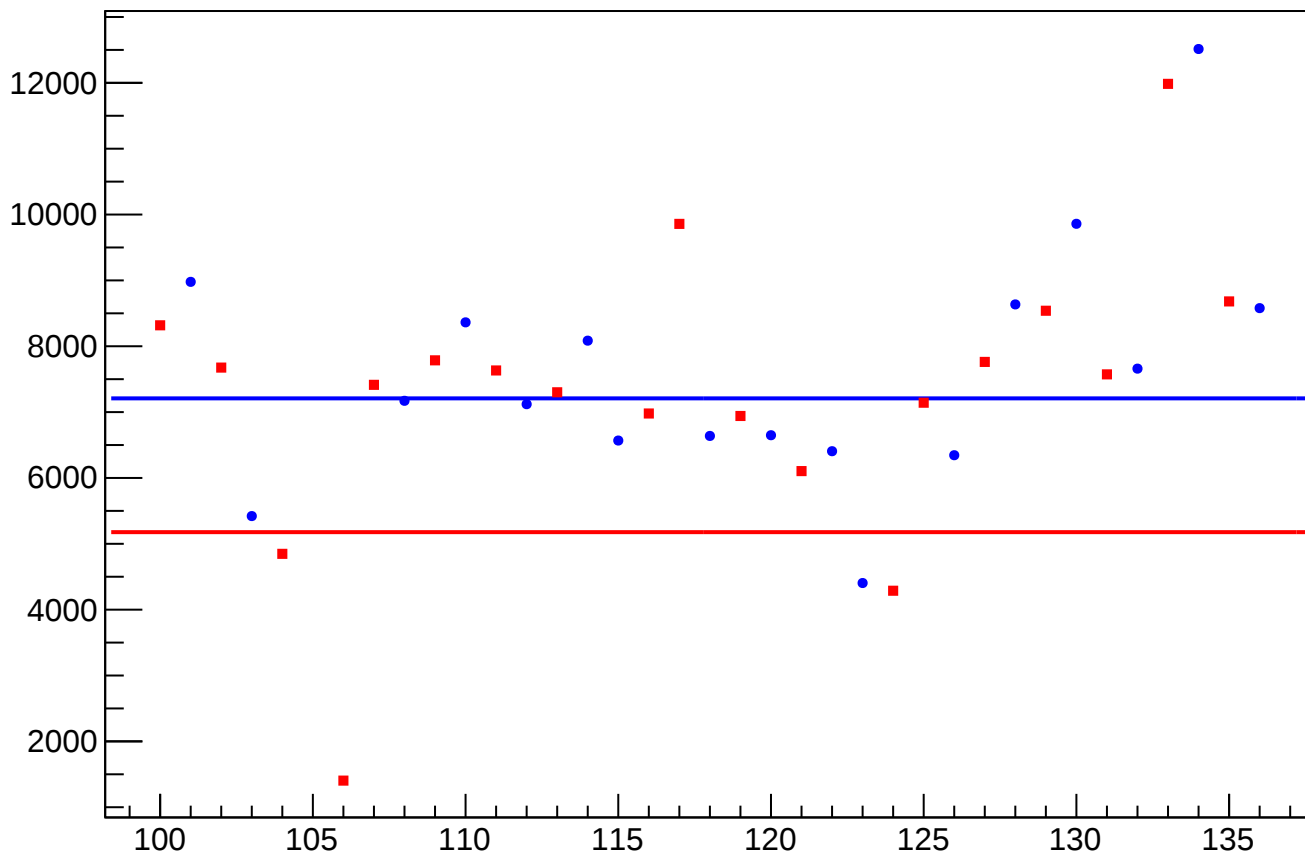
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-3173.245+/-2851.982 χ^2 /NDF: 14.4/16

-3229.845+/-1780.404 χ^2 /NDF: 32.9/35

-3265.988+/-2279.035 χ^2 /NDF: 18.5/18

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 7208.567+/-2.017 χ^2/NDF : 469302.0/16

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

Right Out: 5177.057+/-1.612 χ^2/NDF : 3157681.0/18

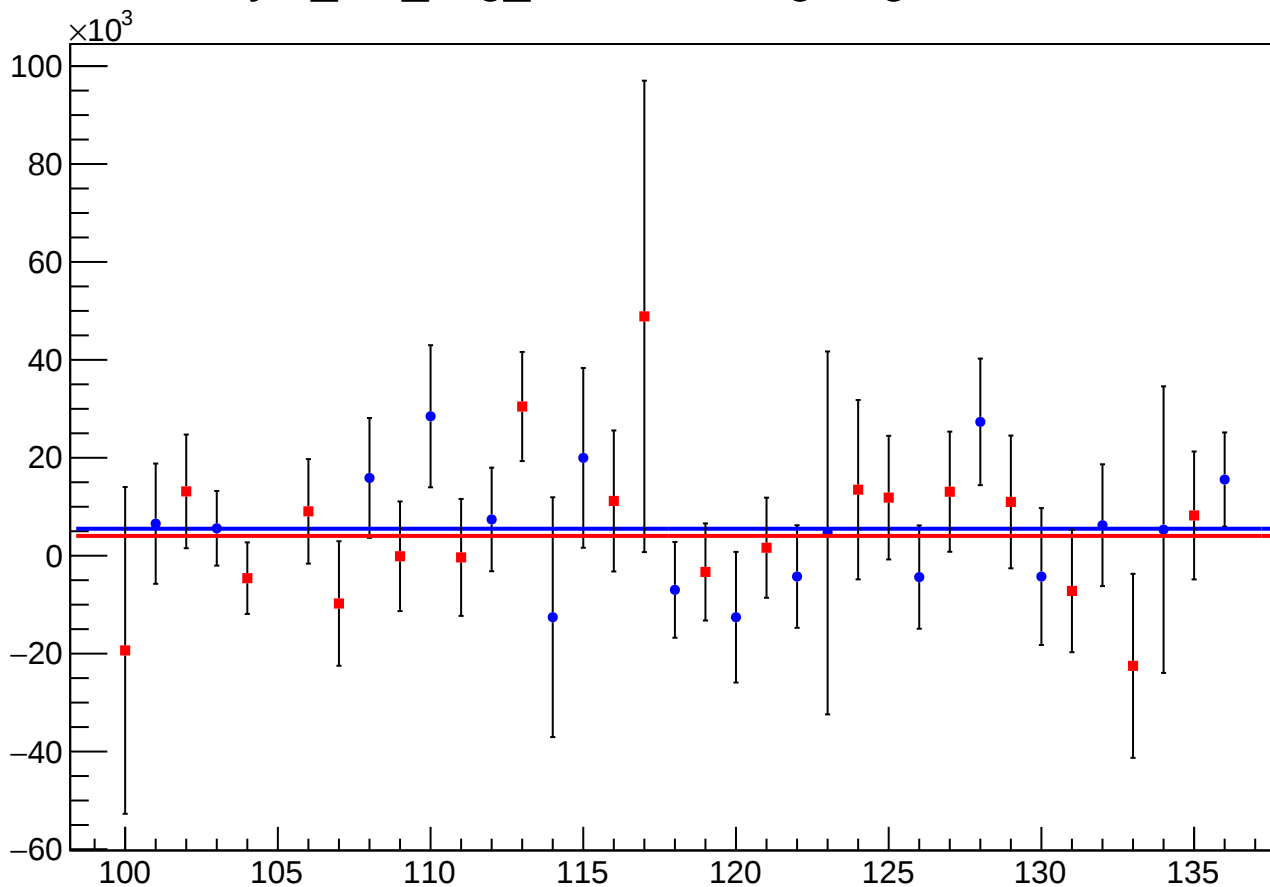
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7208.567+/-2.017 χ^2/NDF : 469302.0/16

5968.761+/-1.259 χ^2/NDF : 4246294.9/35

5177.057+/-1.612 χ^2/NDF : 3157681.0/18

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 5509.395 $\pm$ 2971.033 χ^2 /NDF: 14.1/16

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

Right Out: 4047.341 $\pm$ 2812.199 χ^2 /NDF: 15.9/18

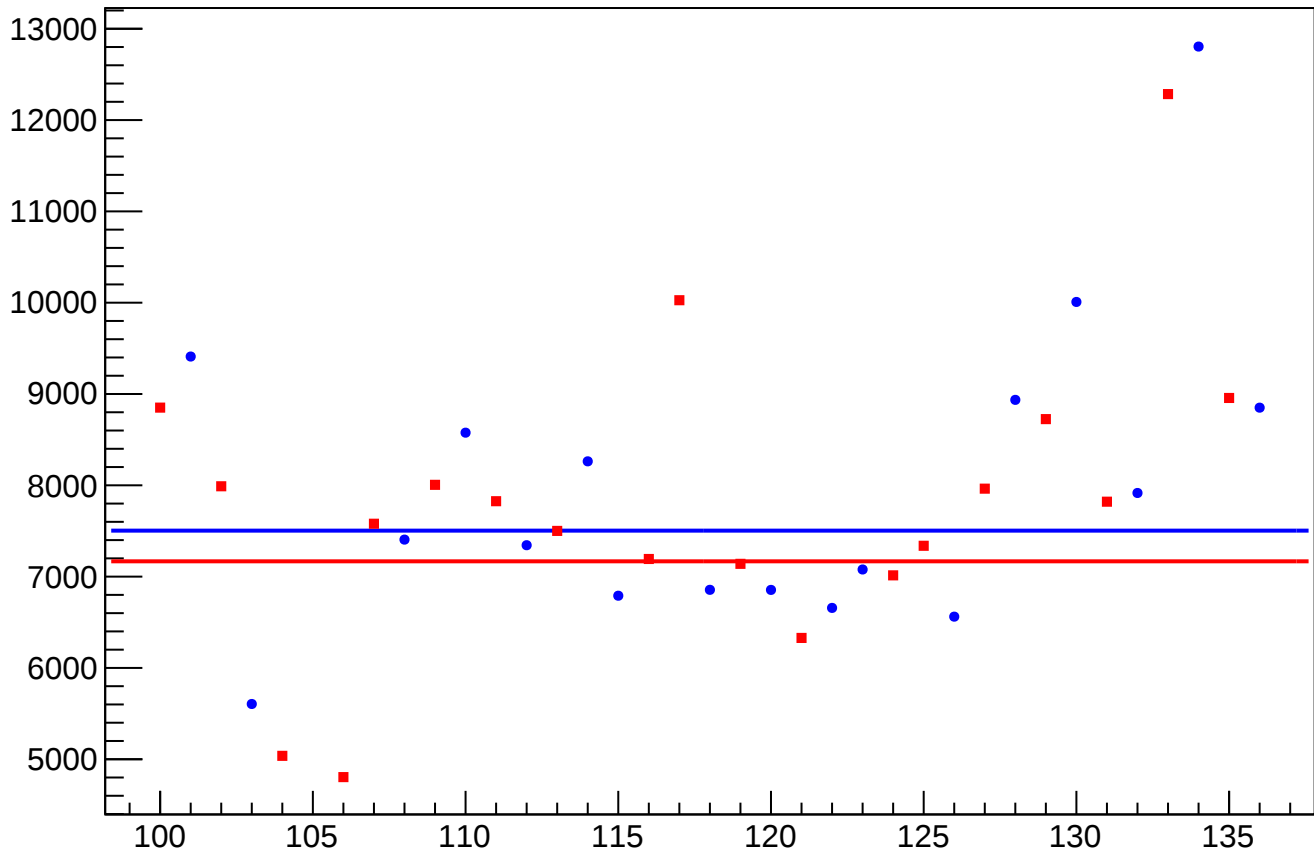
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

5509.395 $\pm$ 2971.033 χ^2 /NDF: 14.1/16

4738.244 $\pm$ 2042.369 χ^2 /NDF: 30.1/35

4047.341 $\pm$ 2812.199 χ^2 /NDF: 15.9/18

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7503.667+/-2.101 χ^2/NDF : 427313.5/16

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

Right Out: 7167.606+/-1.988 χ^2/NDF : 551641.6/18

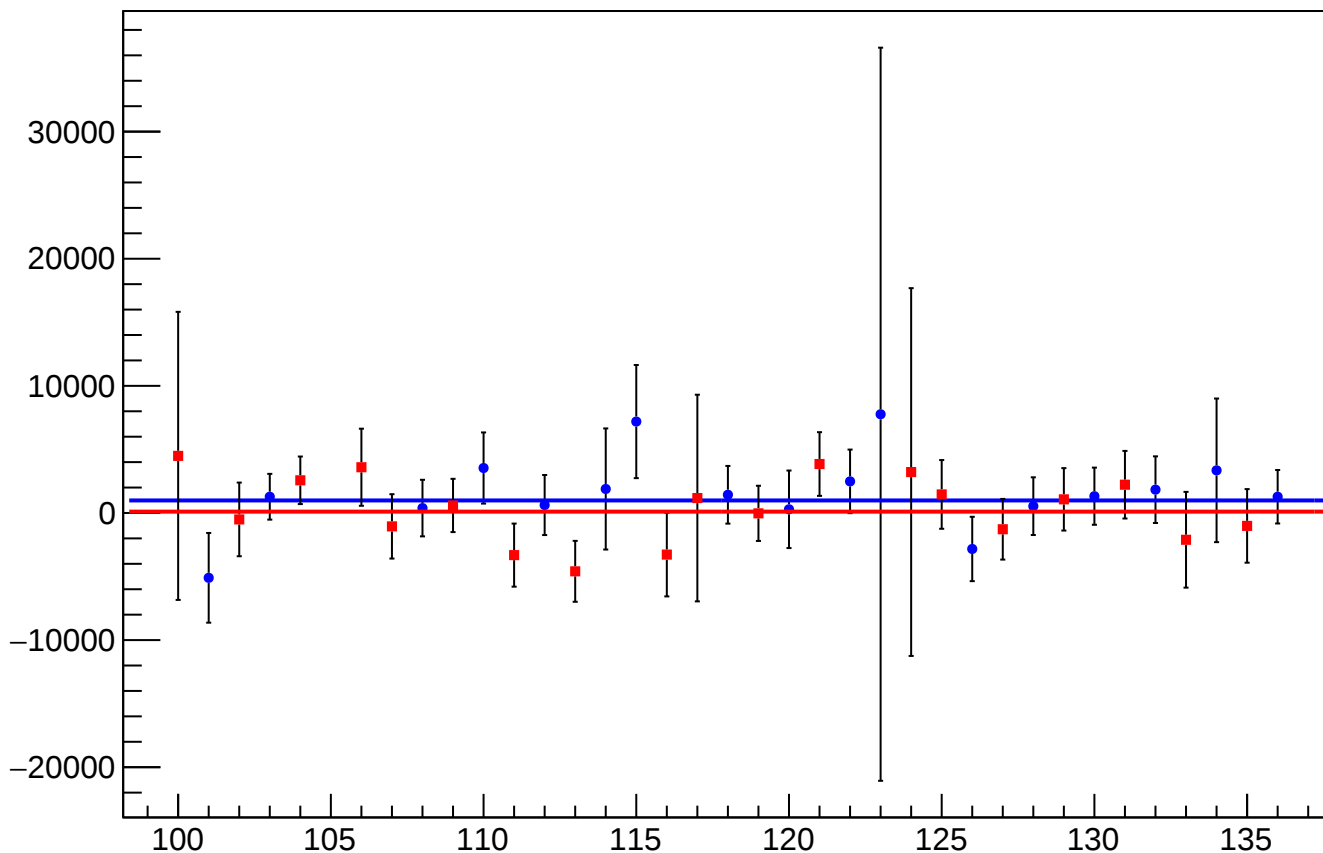
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7503.667+/-2.101 χ^2/NDF : 427313.5/16

7326.396+/-1.444 χ^2/NDF : 992453.9/35

7167.606+/-1.988 χ^2/NDF : 551641.6/18

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 985.452+/-644.630 χ^2/NDF : 9.1/16

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

Right Out: 105.523+/-628.029 χ^2/NDF : 14.5/18

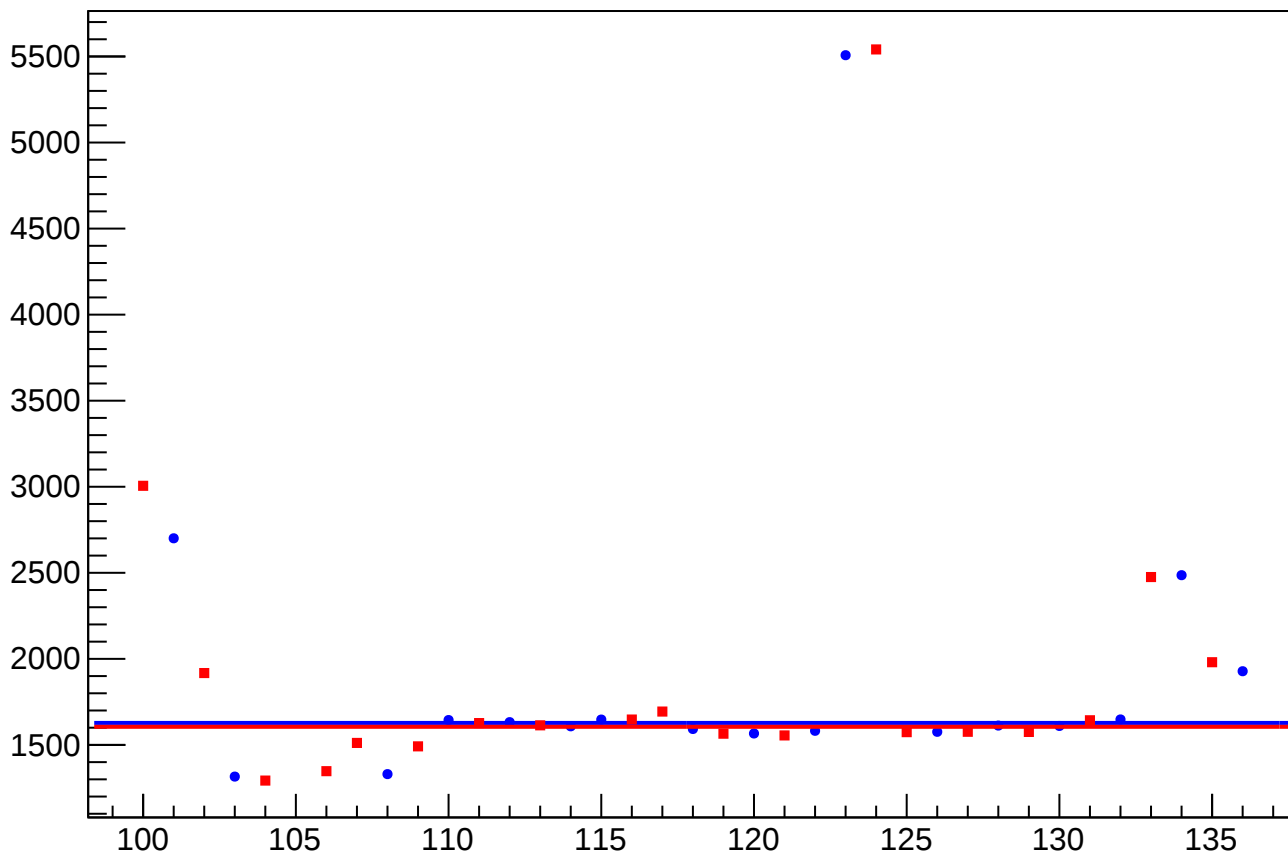
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

985.452+/-644.630 χ^2/NDF : 9.1/16

534.011+/-449.838 χ^2/NDF : 24.5/35

105.523+/-628.029 χ^2/NDF : 14.5/18

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1627.836 $\pm$ 0.456 χ^2 /NDF: 407106.6/16

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

Right Out: 1605.273 $\pm$ 0.444 χ^2 /NDF: 424527.9/18

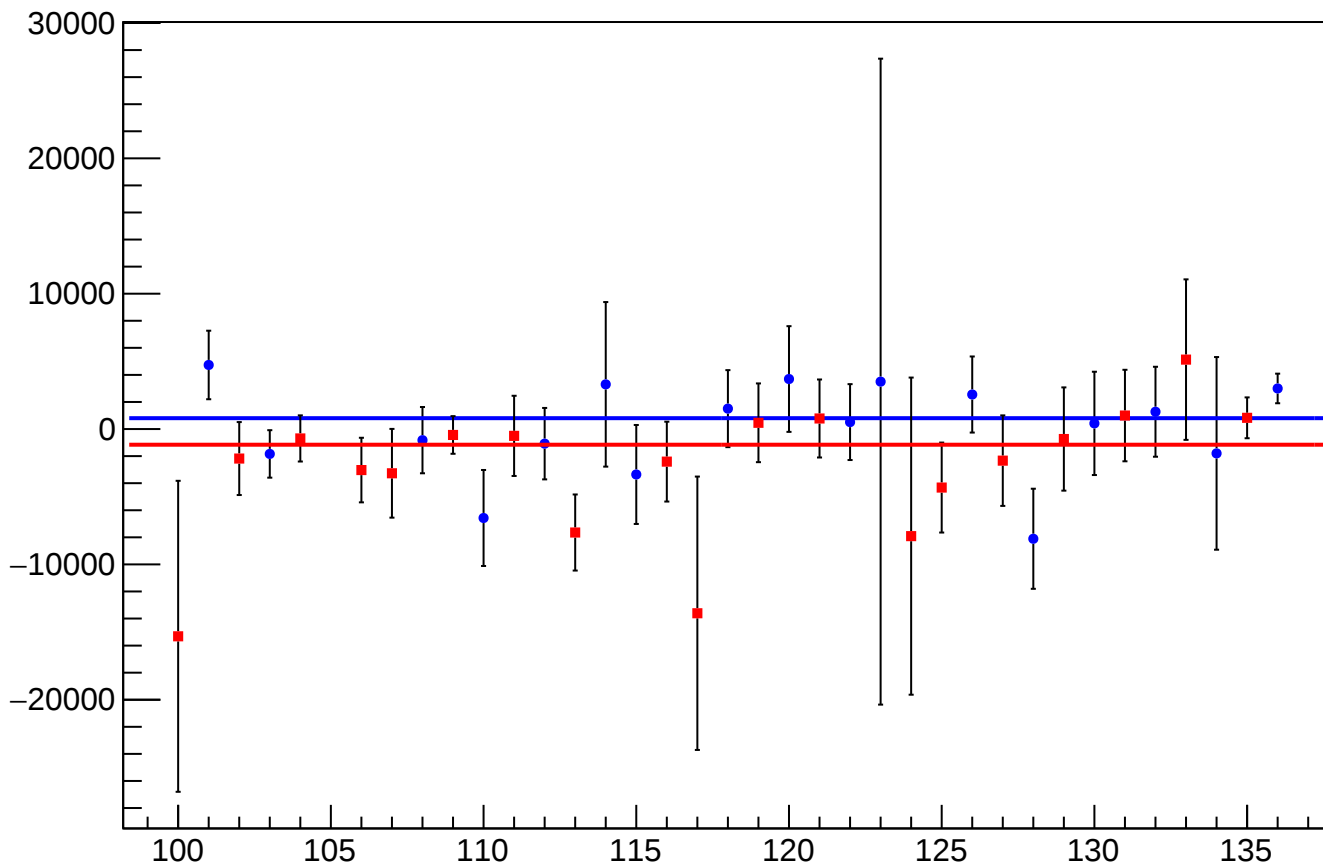
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1627.836 $\pm$ 0.456 χ^2 /NDF: 407106.6/16

1616.260 $\pm$ 0.318 χ^2 /NDF: 832891.6/35

1605.273 $\pm$ 0.444 χ^2 /NDF: 424527.9/18

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: 803.048+/-631.676 χ^2/NDF : 22.4/16

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

Right Out: -1157.983+/-609.658 χ^2/NDF : 15.5/18

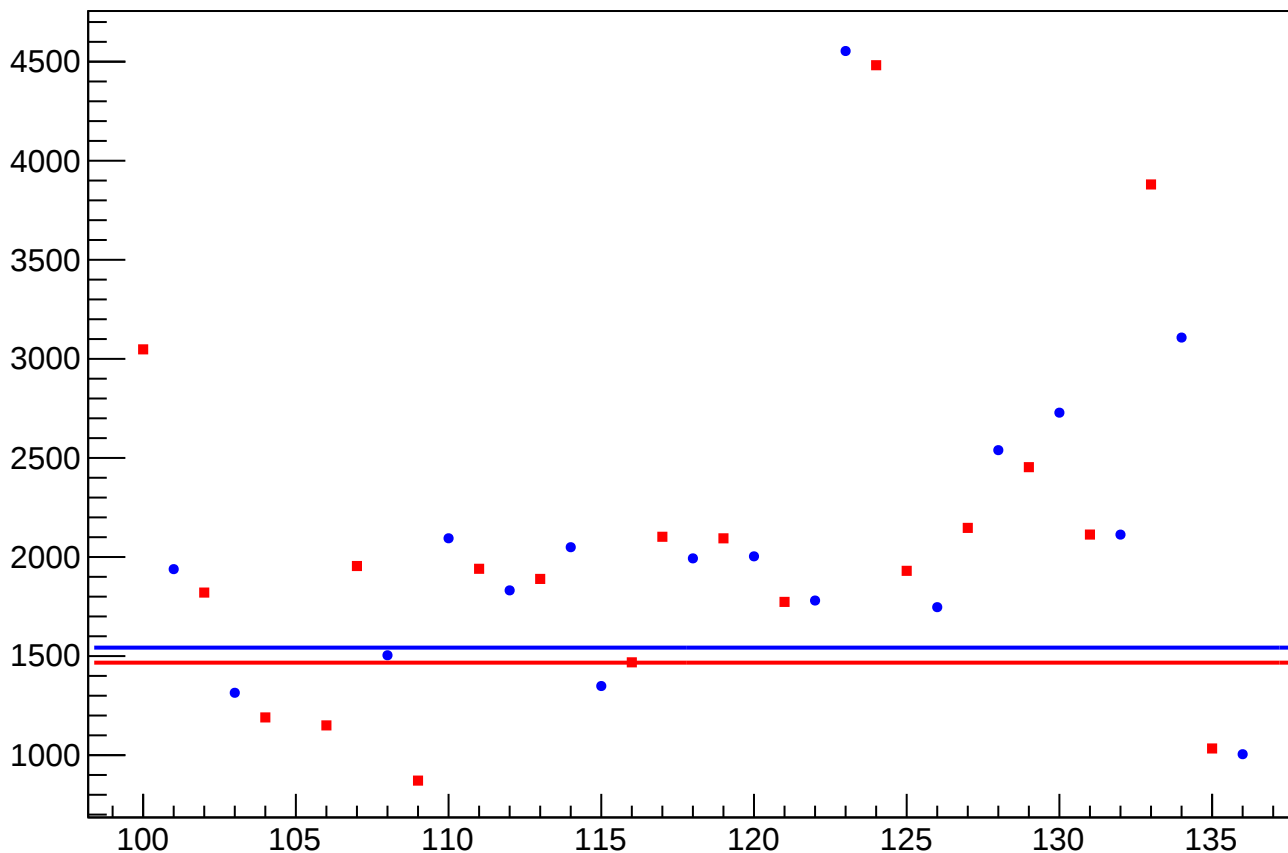
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

803.048+/-631.676 χ^2/NDF : 22.4/16

-212.240+/-438.671 χ^2/NDF : 42.9/35

-1157.983+/-609.658 χ^2/NDF : 15.5/18

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 1542.705+/-0.447 χ^2/NDF : 1287946.3/16

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

Right Out: 1466.822+/-0.431 χ^2/NDF : 1748216.7/18

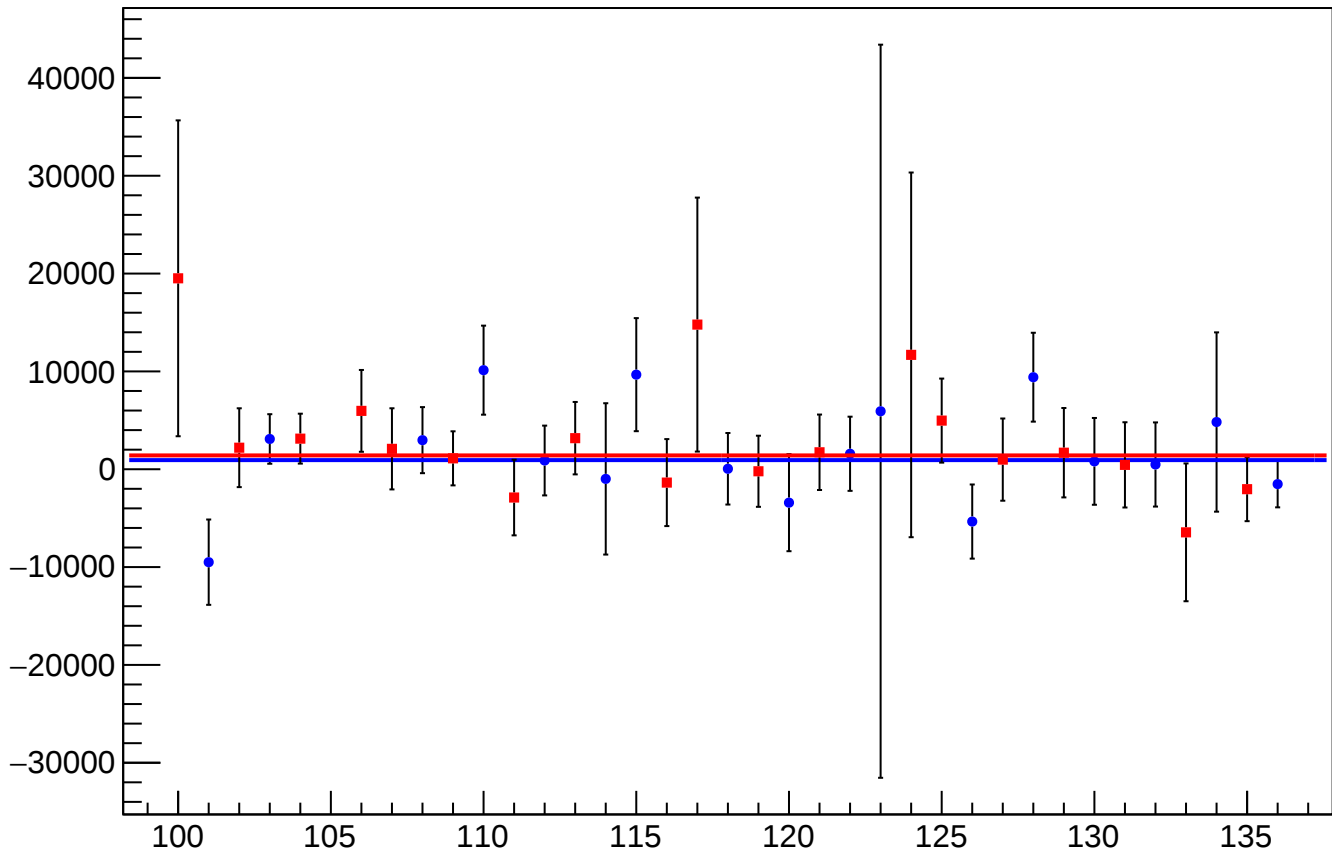
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1542.705+/-0.447 χ^2/NDF : 1287946.3/16

1503.418+/-0.310 χ^2/NDF : 3051105.9/35

1466.822+/-0.431 χ^2/NDF : 1748216.7/18

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 932.818+/-967.941 χ^2/NDF : 21.6/16

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

Right Out: 1413.476+/-939.540 χ^2/NDF : 9.5/18

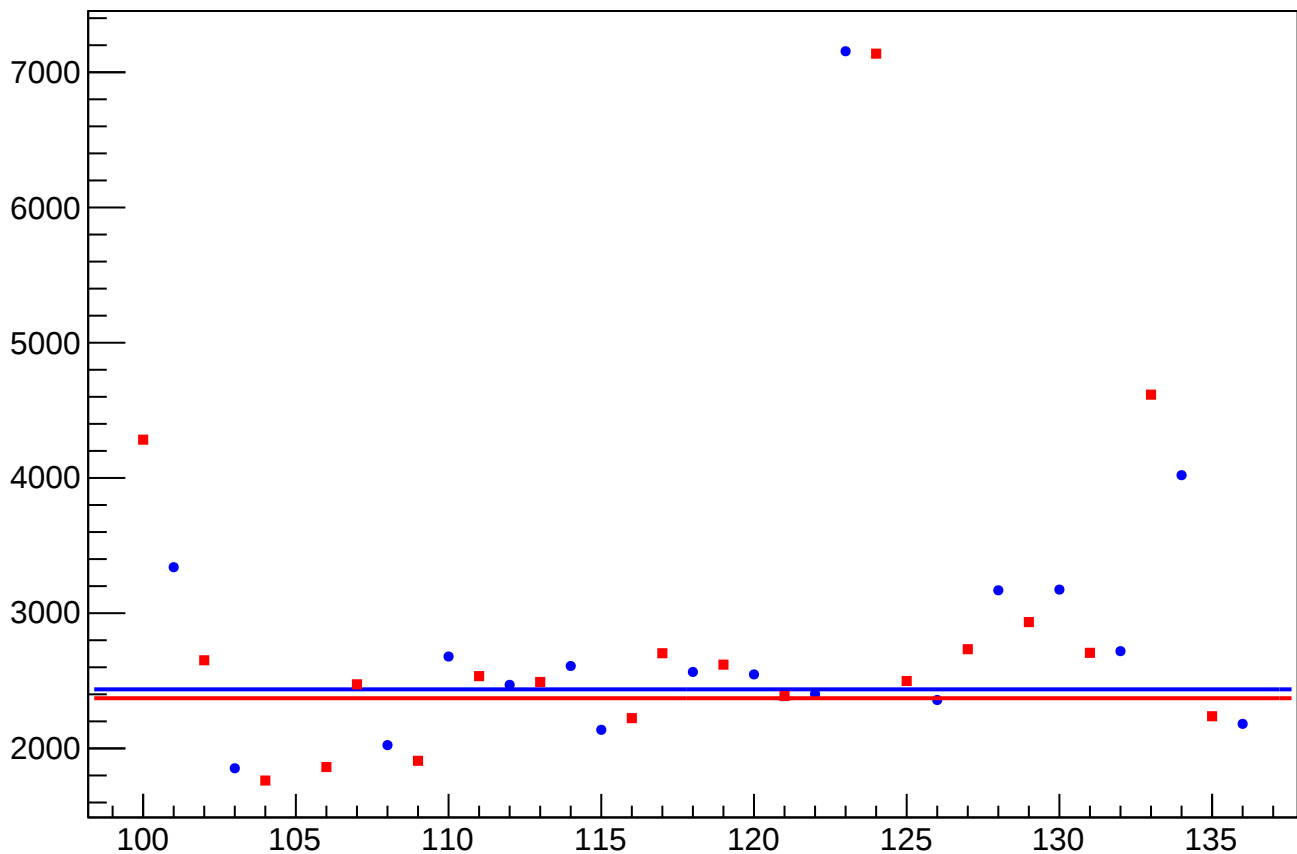
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

932.818+/-967.941 χ^2/NDF : 21.6/16

1180.302+/-674.172 χ^2/NDF : 31.2/35

1413.476+/-939.540 χ^2/NDF : 9.5/18

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2436.855+/-0.684 χ^2/NDF : 469030.2/16

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

Right Out: 2371.165+/-0.664 χ^2/NDF : 653506.0/18

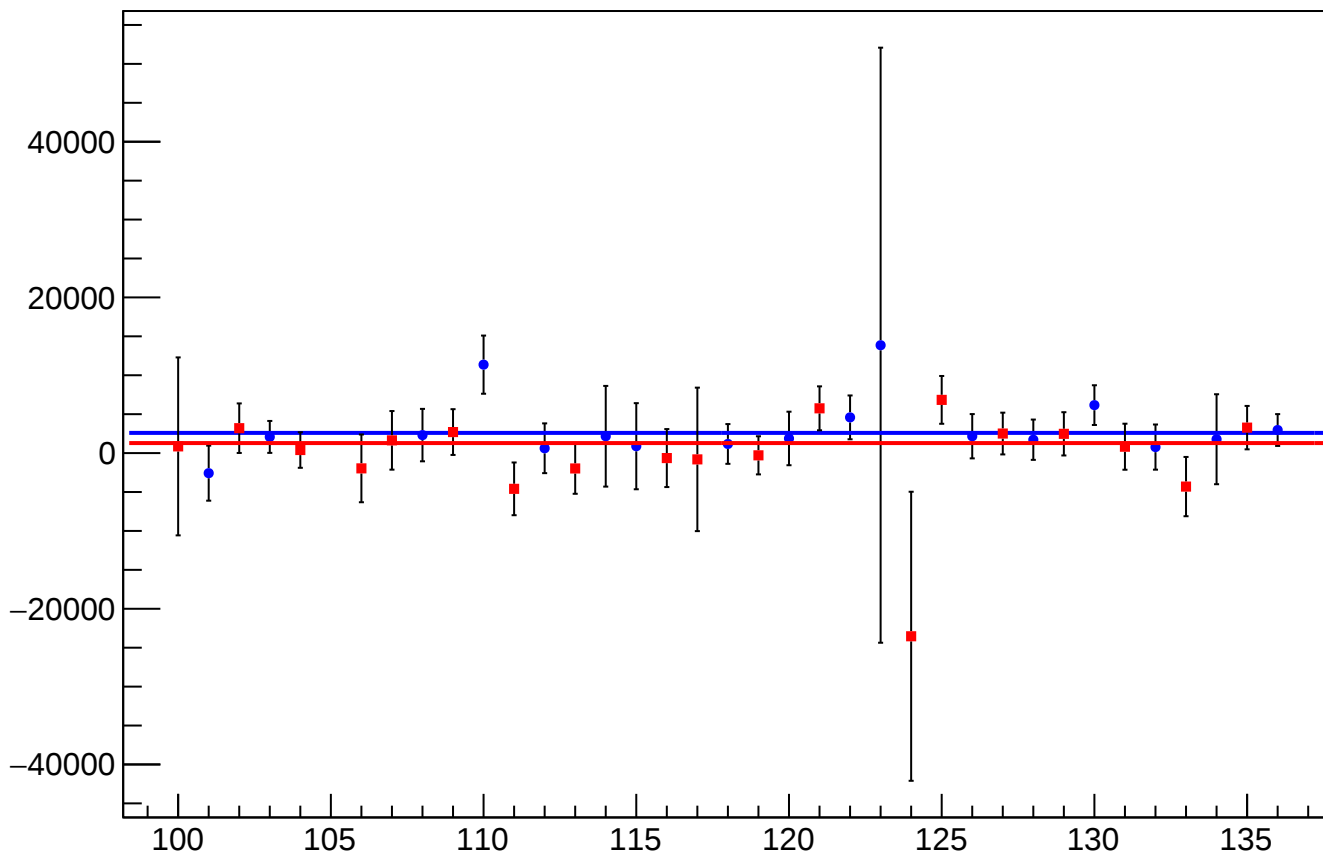
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2436.855+/-0.684 χ^2/NDF : 469030.2/16

2403.032+/-0.477 χ^2/NDF : 1127279.1/35

2371.165+/-0.664 χ^2/NDF : 653506.0/18

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2594.684+/-743.000 χ^2/NDF : 11.7/16

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

Right Out: 1287.437+/-748.583 χ^2/NDF : 16.7/18

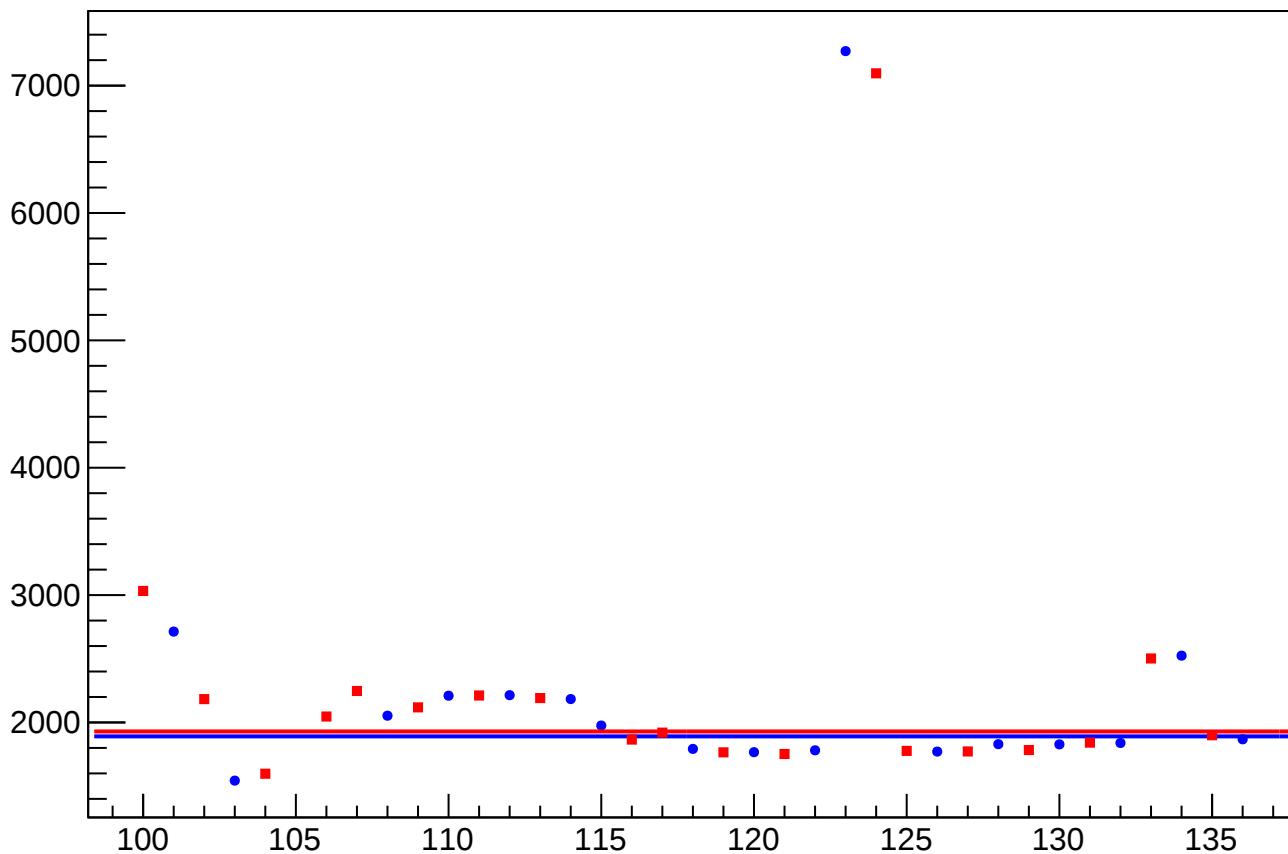
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2594.684+/-743.000 χ^2/NDF : 11.7/16

1945.953+/-527.343 χ^2/NDF : 29.9/35

1287.437+/-748.583 χ^2/NDF : 16.7/18

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1890.721+/-0.525 χ^2/NDF : 288944.9/16

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

Right Out: 1929.296+/-0.528 χ^2/NDF : 361573.4/18

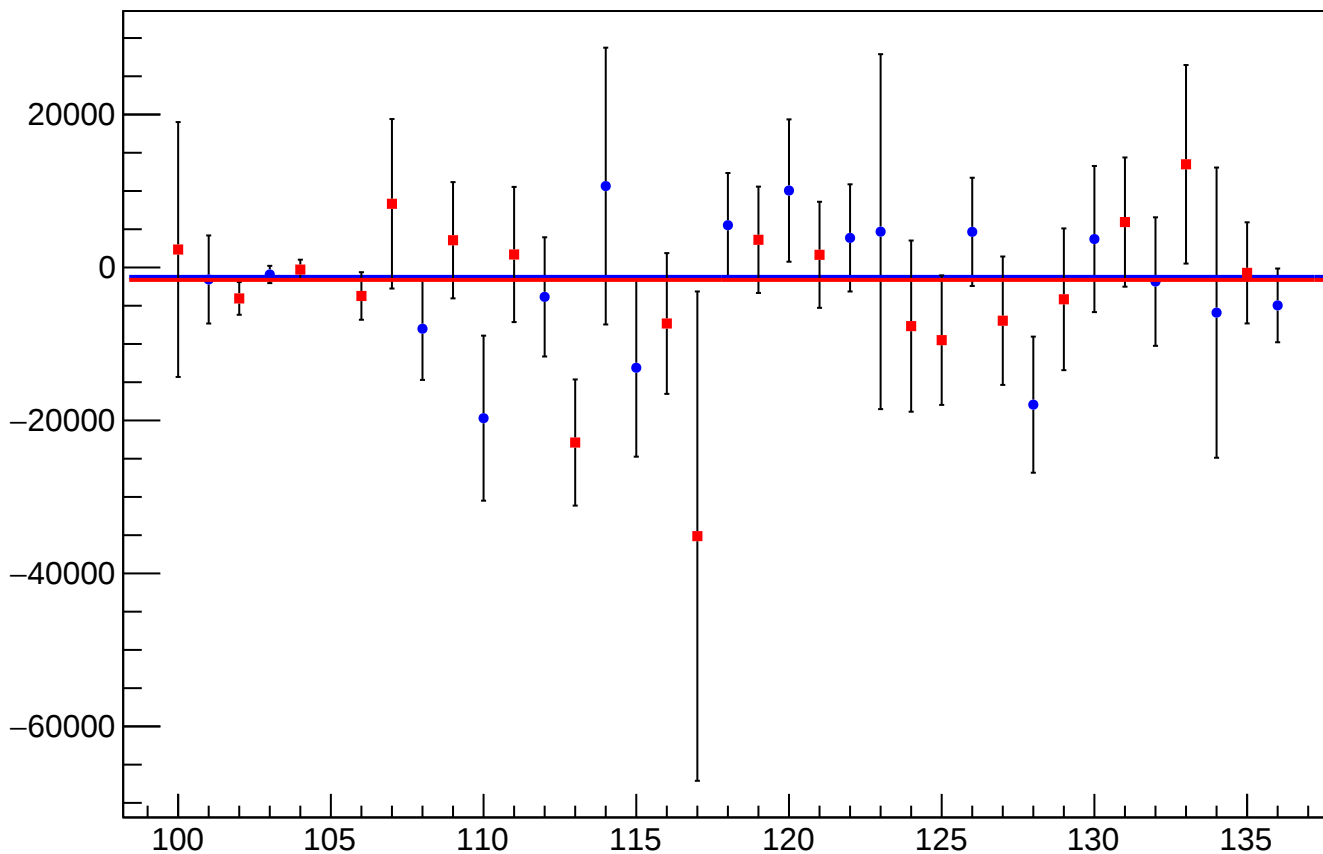
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1890.721+/-0.525 χ^2/NDF : 288944.9/16

1909.895+/-0.373 χ^2/NDF : 653197.8/35

1929.296+/-0.528 χ^2/NDF : 361573.4/18

asym_atl1r2_avg_correction_mean vs Slug, Sign Corrected



Right In: -1226.915+/-984.603 χ^2/NDF : 13.8/16

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

Right Out: -1622.229+/-945.141 χ^2/NDF : 17.0/18

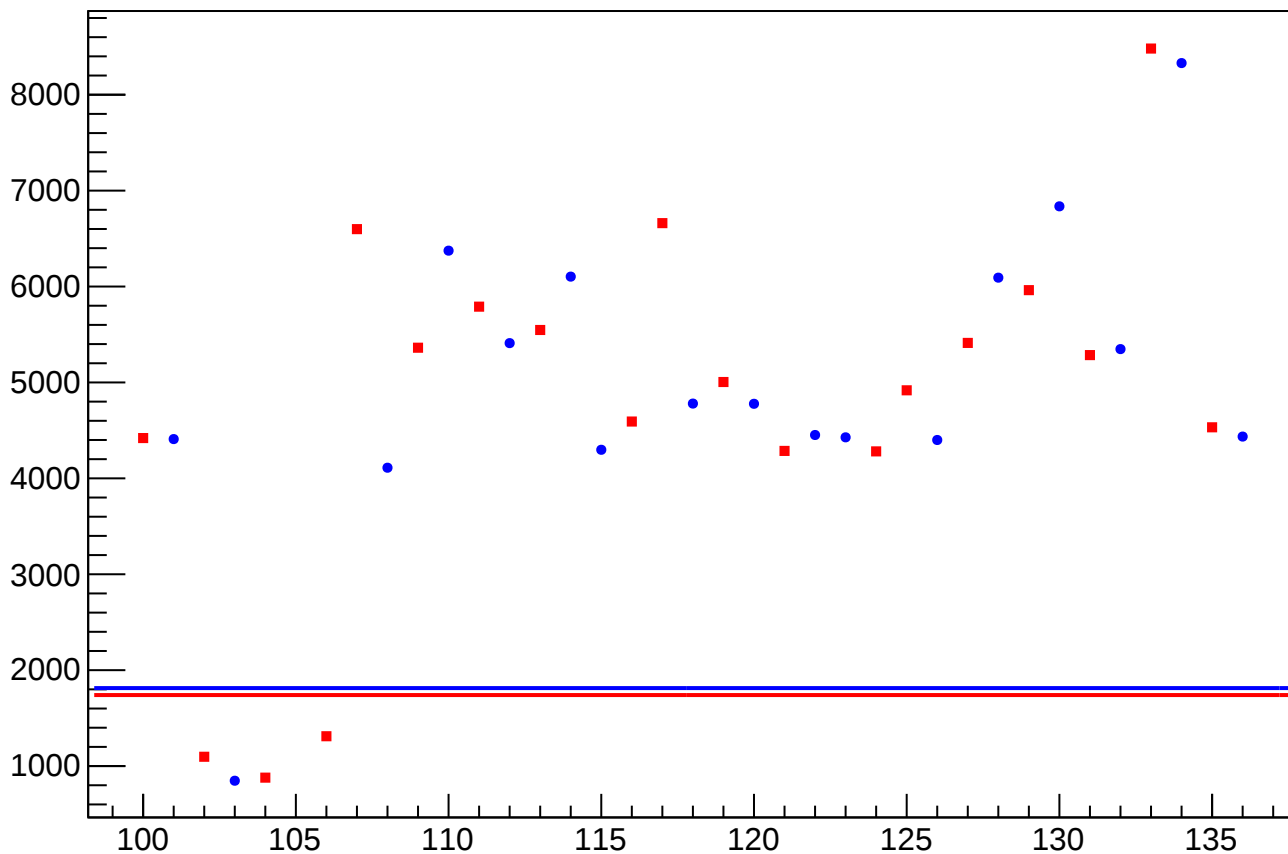
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1226.915+/-984.603 χ^2/NDF : 13.8/16

-1432.652+/-681.840 χ^2/NDF : 30.9/35

-1622.229+/-945.141 χ^2/NDF : 17.0/18

asym_atl1r2_avg_correction_rms vs Slug, Sign Corrected



Right In: 1813.195+/-0.696 χ^2/NDF : 6449038.4/16

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

Right Out: 1740.504+/-0.668 χ^2/NDF : 6220212.5/18

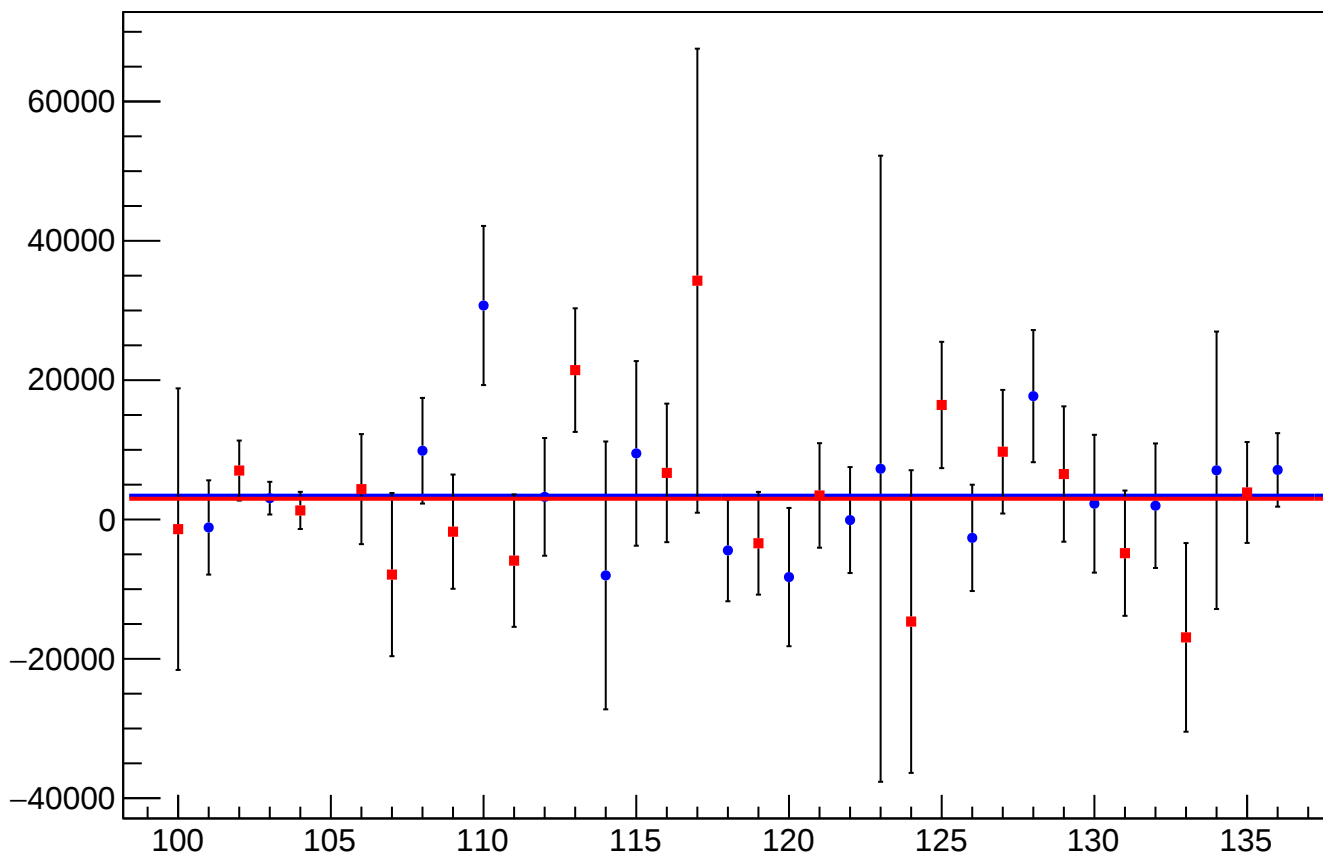
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1813.195+/-0.696 χ^2/NDF : 6449038.4/16

1775.364+/-0.482 χ^2/NDF : 12674924.2/3

1740.504+/-0.668 χ^2/NDF : 6220212.5/18

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 3421.264+/-1606.678 χ^2/NDF : 13.7/16

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

Right Out: 2976.835+/-1620.996 χ^2/NDF : 16.0/18

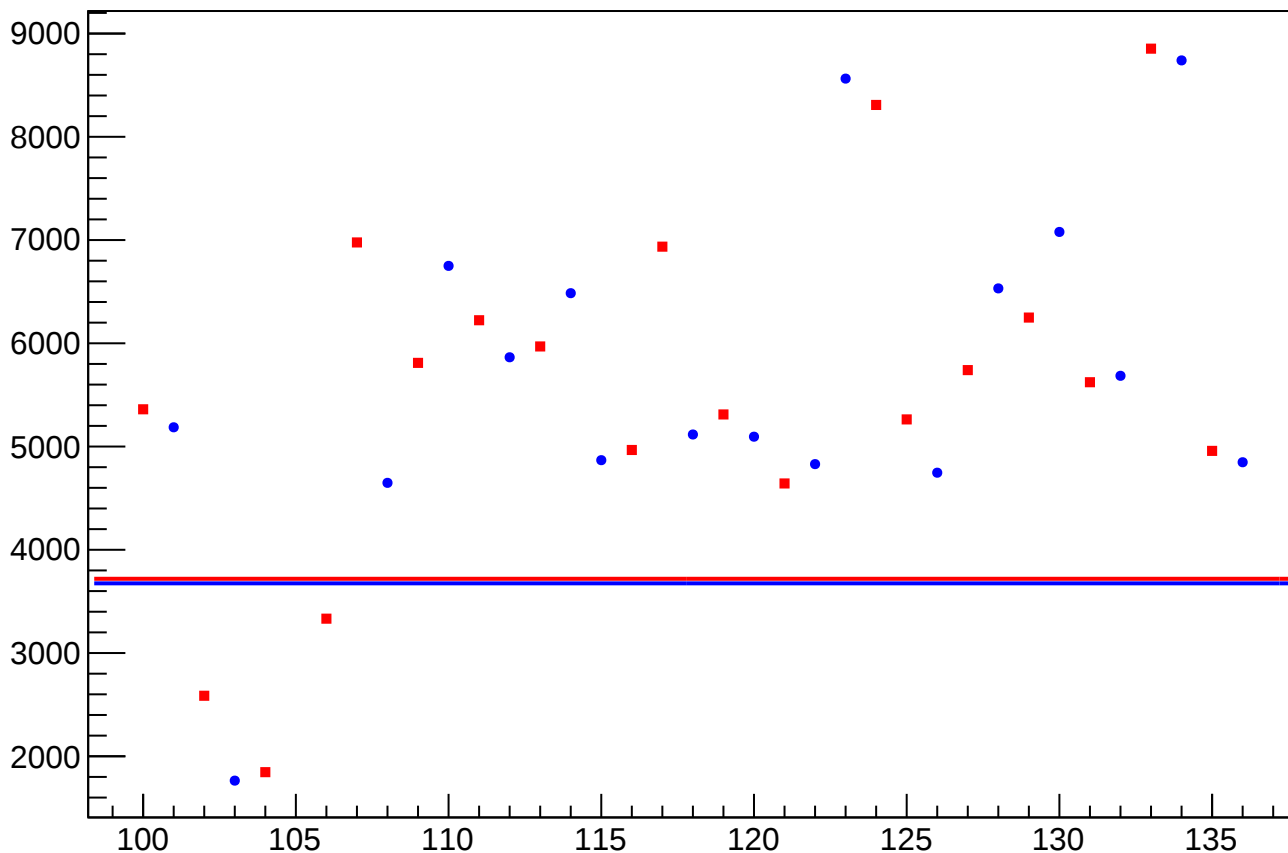
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3421.264+/-1606.678 χ^2/NDF : 13.7/16

3201.021+/-1141.121 χ^2/NDF : 29.8/35

2976.835+/-1620.996 χ^2/NDF : 16.0/18

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 3675.003+/-1.136 χ^2/NDF : 2775085.7/16

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

Right Out: 3719.169+/-1.138 χ^2/NDF : 2692538.1/18

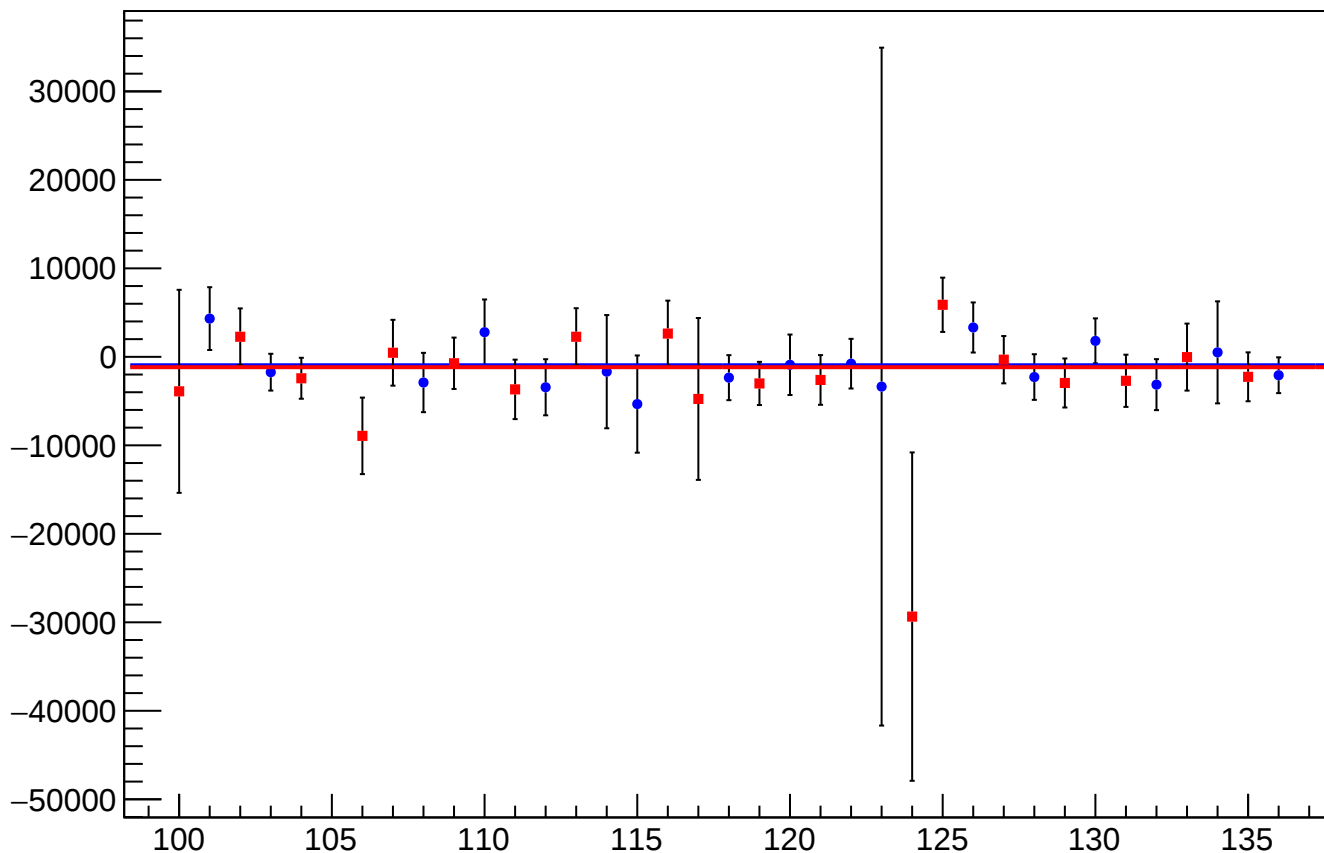
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3675.003+/-1.136 χ^2/NDF : 2775085.7/16

3697.040+/-0.804 χ^2/NDF : 5468377.9/35

3719.169+/-1.138 χ^2/NDF : 2692538.1/18

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -951.377 ± 740.668 χ^2/NDF : 10.0/16

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

Right Out: -1170.182 ± 746.468 χ^2/NDF : 17.3/18

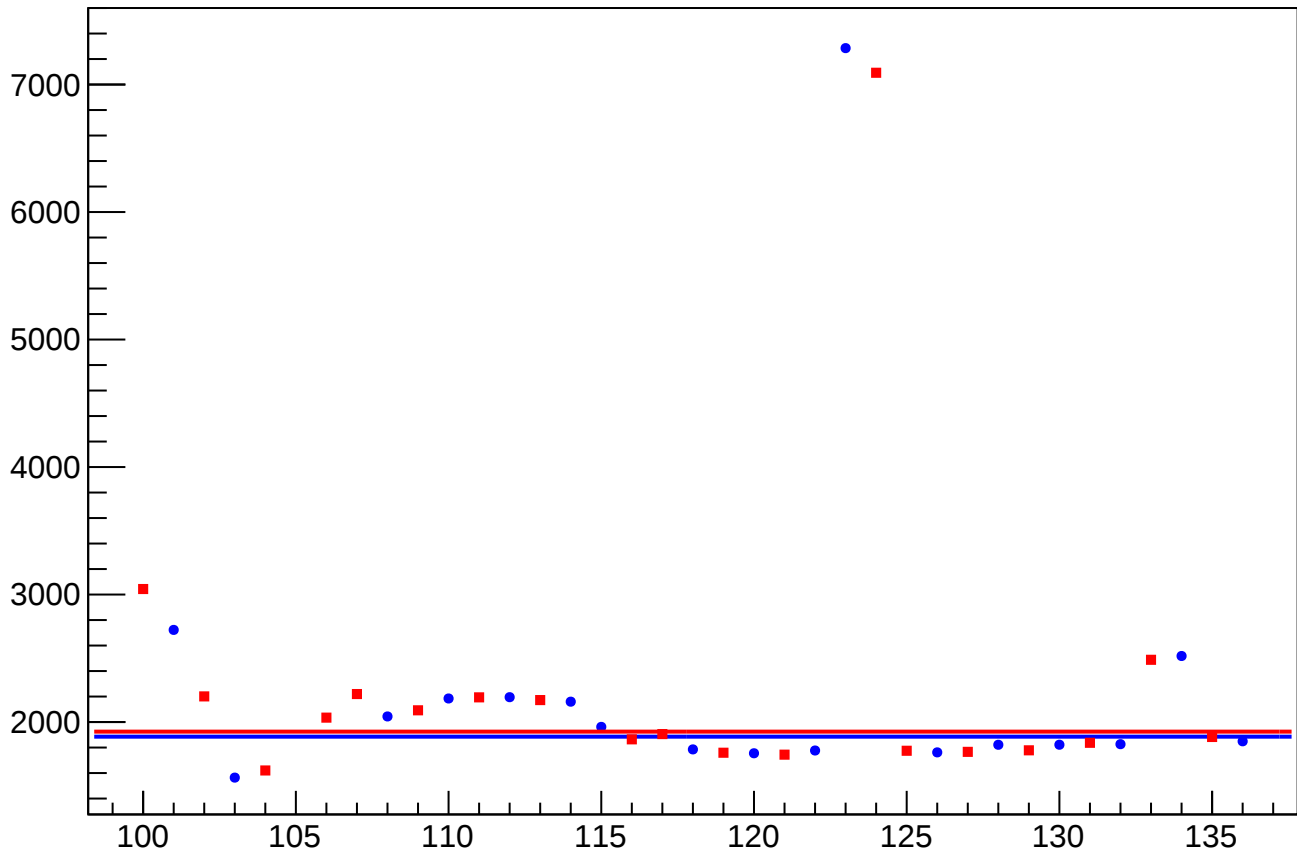
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-951.377 ± 740.668 χ^2/NDF : 10.0/16

-1059.926 ± 525.770 χ^2/NDF : 27.3/35

-1170.182 ± 746.468 χ^2/NDF : 17.3/18

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1885.360+/-0.524 χ^2/NDF : 280429.0/16

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

Right Out: 1924.909+/-0.527 χ^2/NDF : 350781.6/18

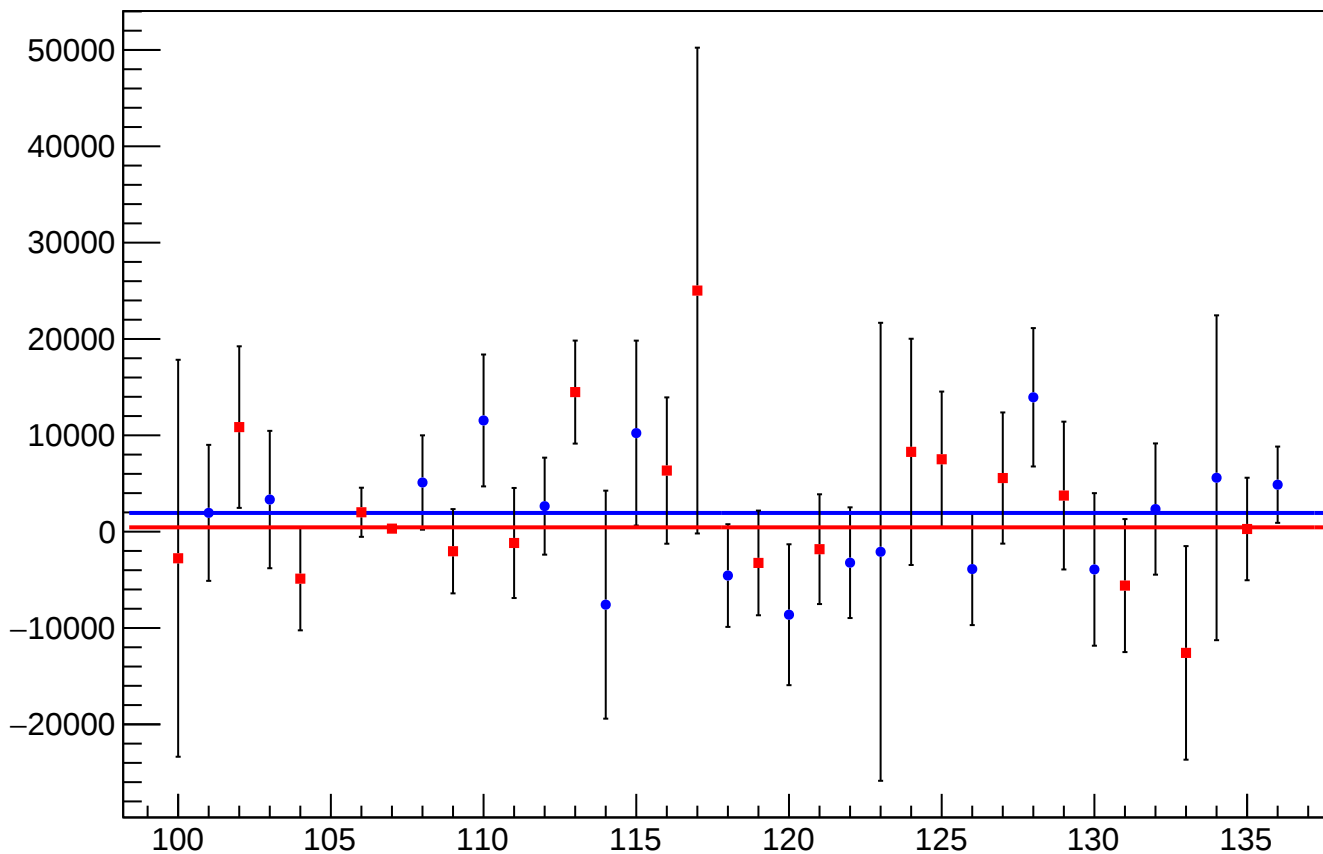
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1885.360+/-0.524 χ^2/NDF : 280429.0/16

1905.012+/-0.371 χ^2/NDF : 634044.1/35

1924.909+/-0.527 χ^2/NDF : 350781.6/18

asym_atl1r2_dd_correction_mean vs Slug, Sign Corrected



Right In: 1943.178+/-1581.060 χ^2/NDF : 13.2/16

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

Right Out: 449.913+/-454.298 χ^2/NDF : 16.8/18

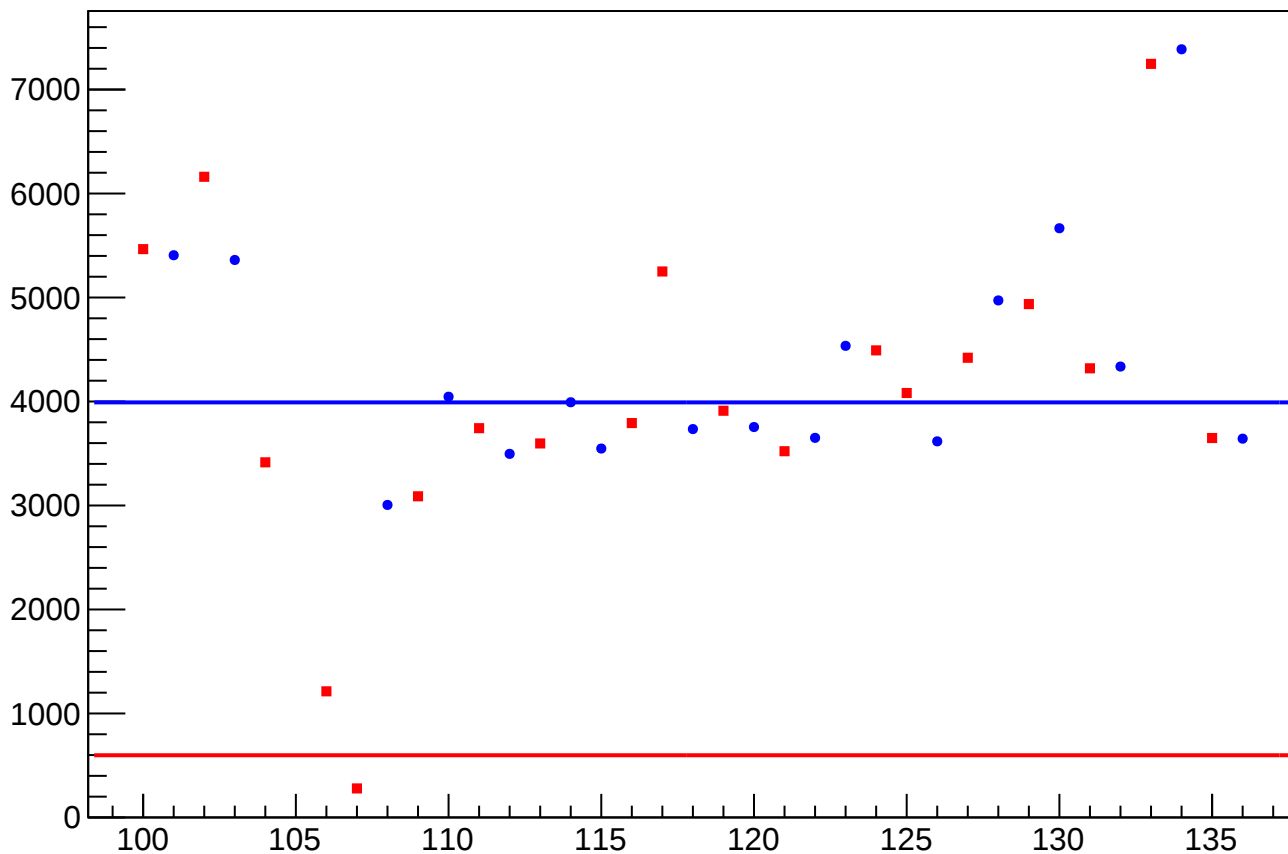
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1943.178+/-1581.060 χ^2/NDF : 13.2/16

563.798+/-436.631 χ^2/NDF : 30.8/35

449.913+/-454.298 χ^2/NDF : 16.8/18

asym_atl1r2_dd_correction_rms vs Slug, Sign Corrected



Right In: 3991.416+/-1.118 χ^2/NDF : 510782.7/16

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

Right Out: 598.200+/-0.321 χ^2/NDF : 10052701.3/18

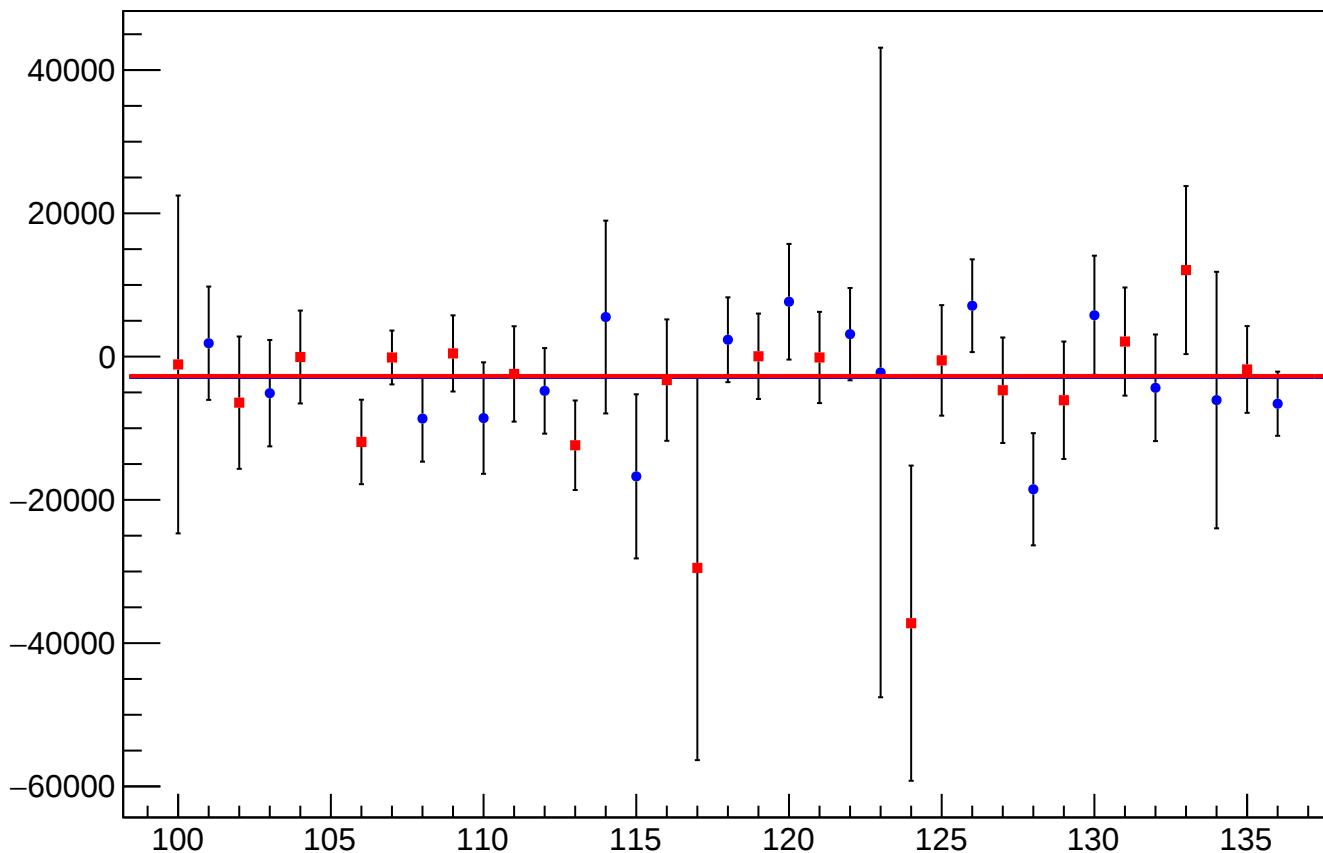
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3991.416+/-1.118 χ^2/NDF : 510782.7/16

856.988+/-0.309 χ^2/NDF : 19072963.9/35

598.200+/-0.321 χ^2/NDF : 10052701.3/18

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -2839.599+/-1786.019 χ^2 /NDF: 15.4/16

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

Right Out: -2703.364+/-1595.478 χ^2 /NDF: 12.2/18

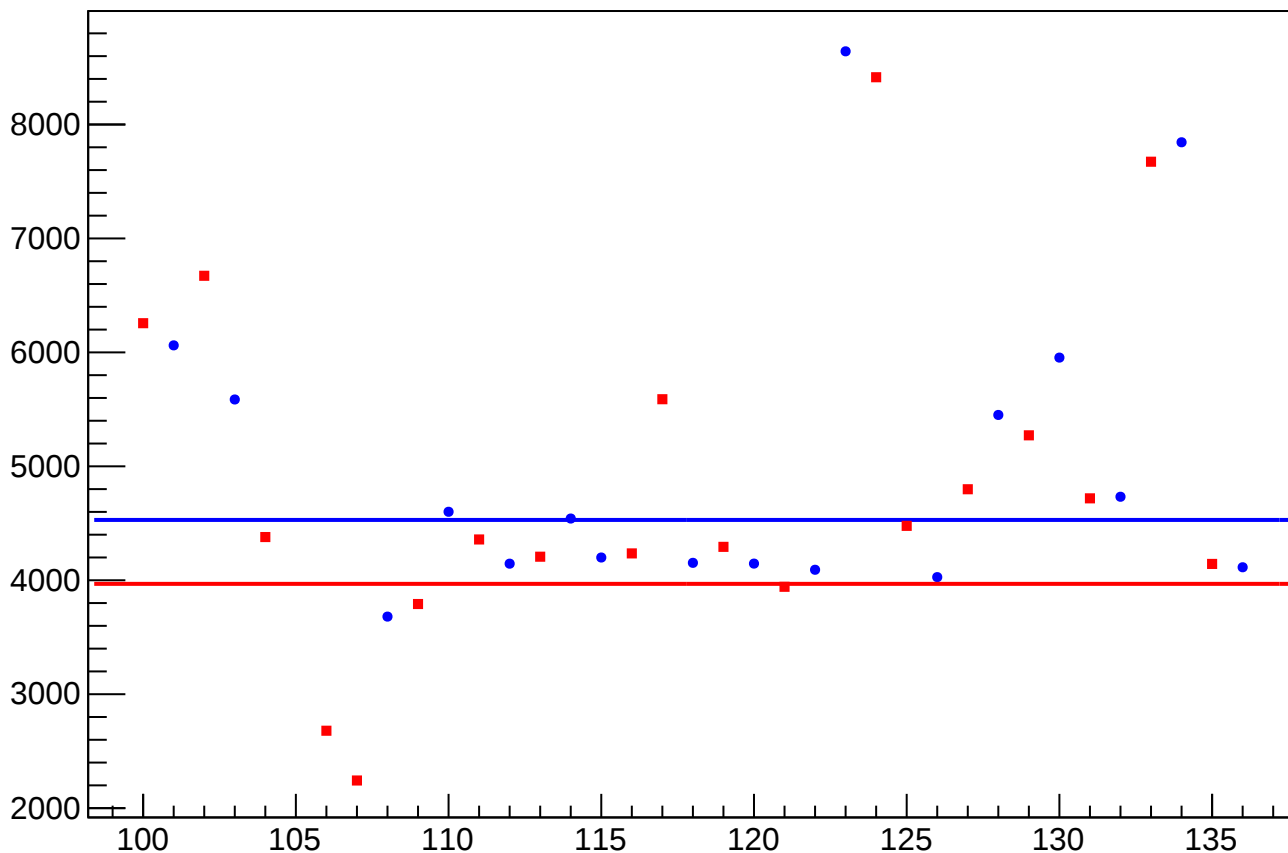
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-2839.599+/-1786.019 χ^2 /NDF: 15.4/16

-2763.830+/-1189.856 χ^2 /NDF: 27.6/35

-2703.364+/-1595.478 χ^2 /NDF: 12.2/18

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 4529.462+/-1.263 χ^2/NDF : 389326.2/16

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

Right Out: 3968.461+/-1.121 χ^2/NDF : 1147613.3/18

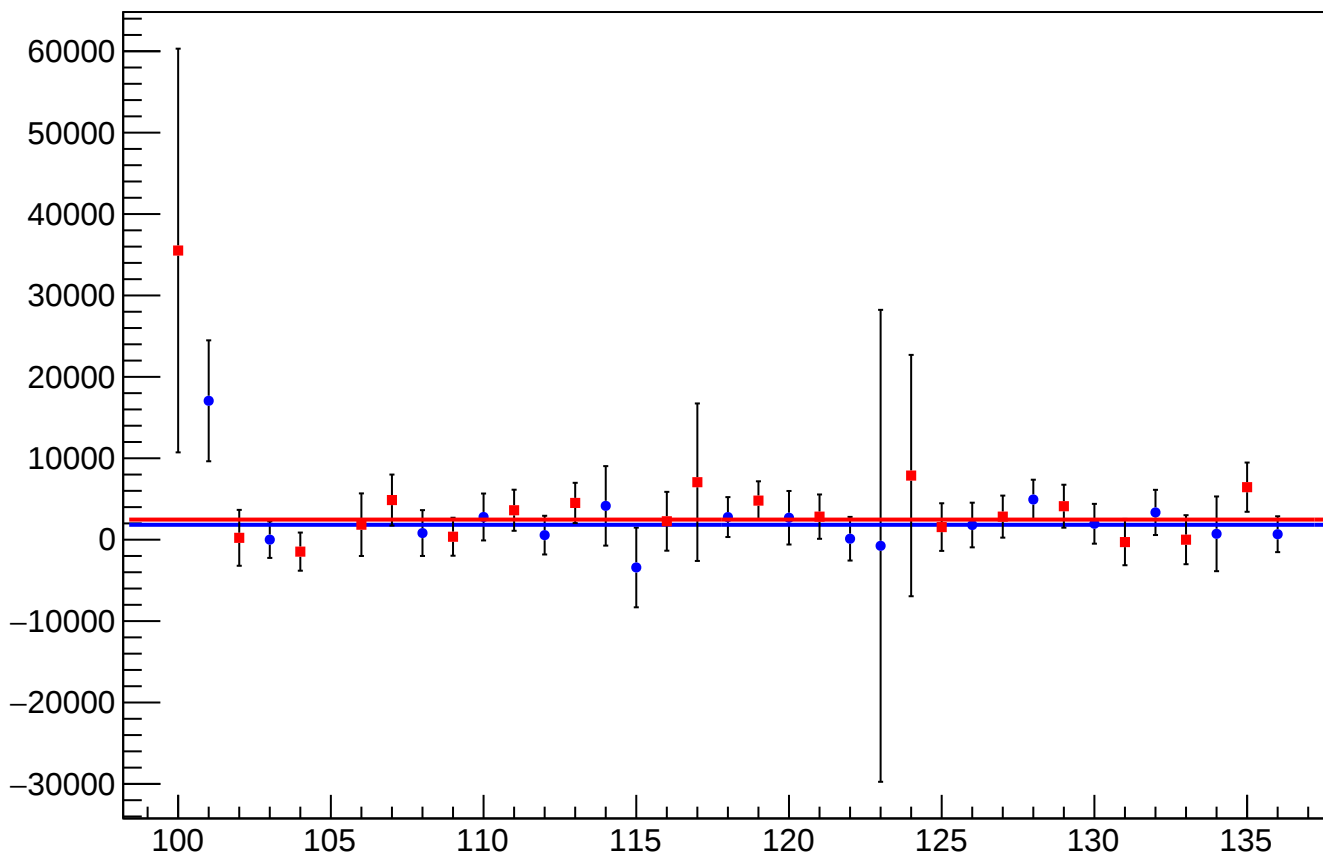
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4529.462+/-1.263 χ^2/NDF : 389326.2/16

4215.630+/-0.838 χ^2/NDF : 1647326.5/35

3968.461+/-1.121 χ^2/NDF : 1147613.3/18

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1830.102+/-711.335 χ^2/NDF : 9.7/16

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

Right Out: 2470.002+/-689.892 χ^2/NDF : 12.5/18

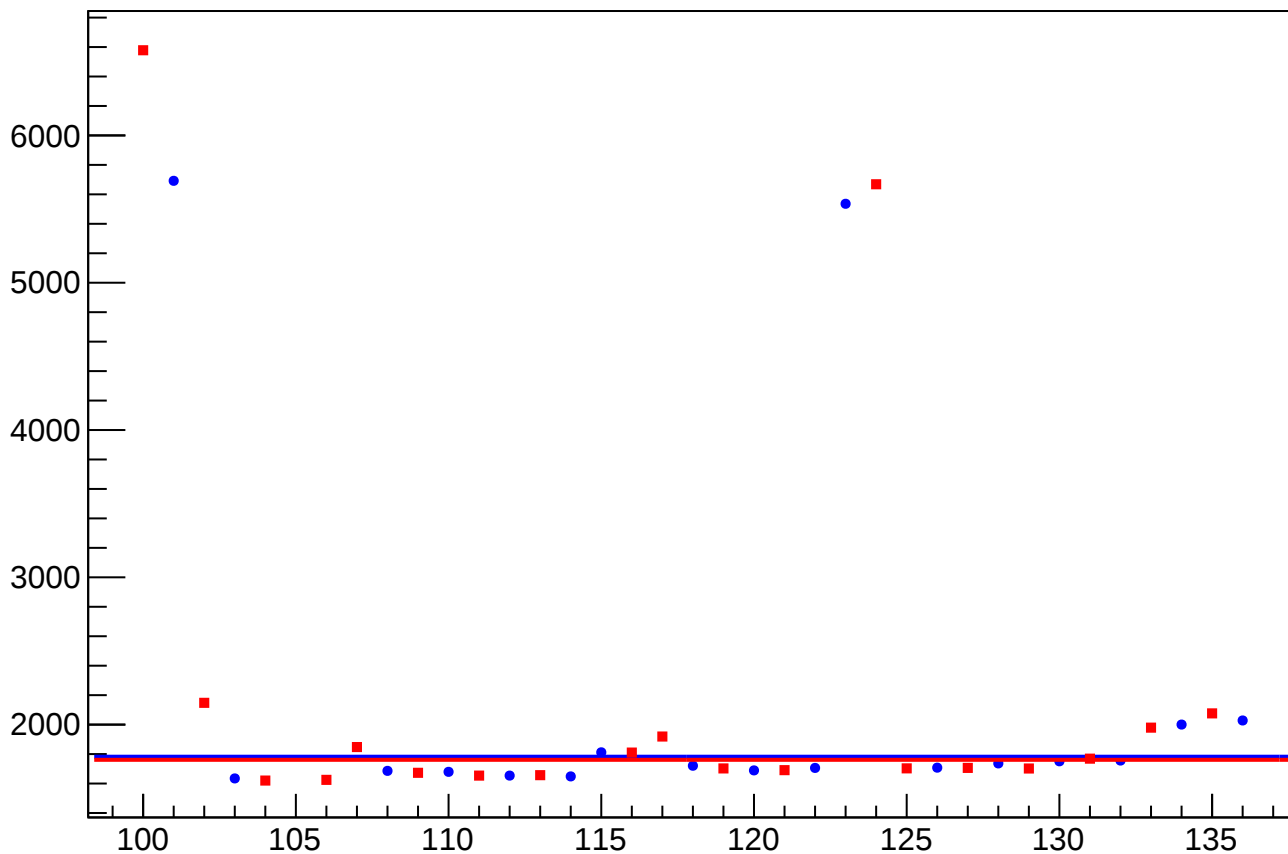
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1830.102+/-711.335 χ^2/NDF : 9.7/16

2159.842+/-495.234 χ^2/NDF : 22.6/35

2470.002+/-689.892 χ^2/NDF : 12.5/18

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1782.137+/-0.503 χ^2/NDF : 645188.8/16

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

Right Out: 1760.993+/-0.484 χ^2/NDF : 300651.2/18

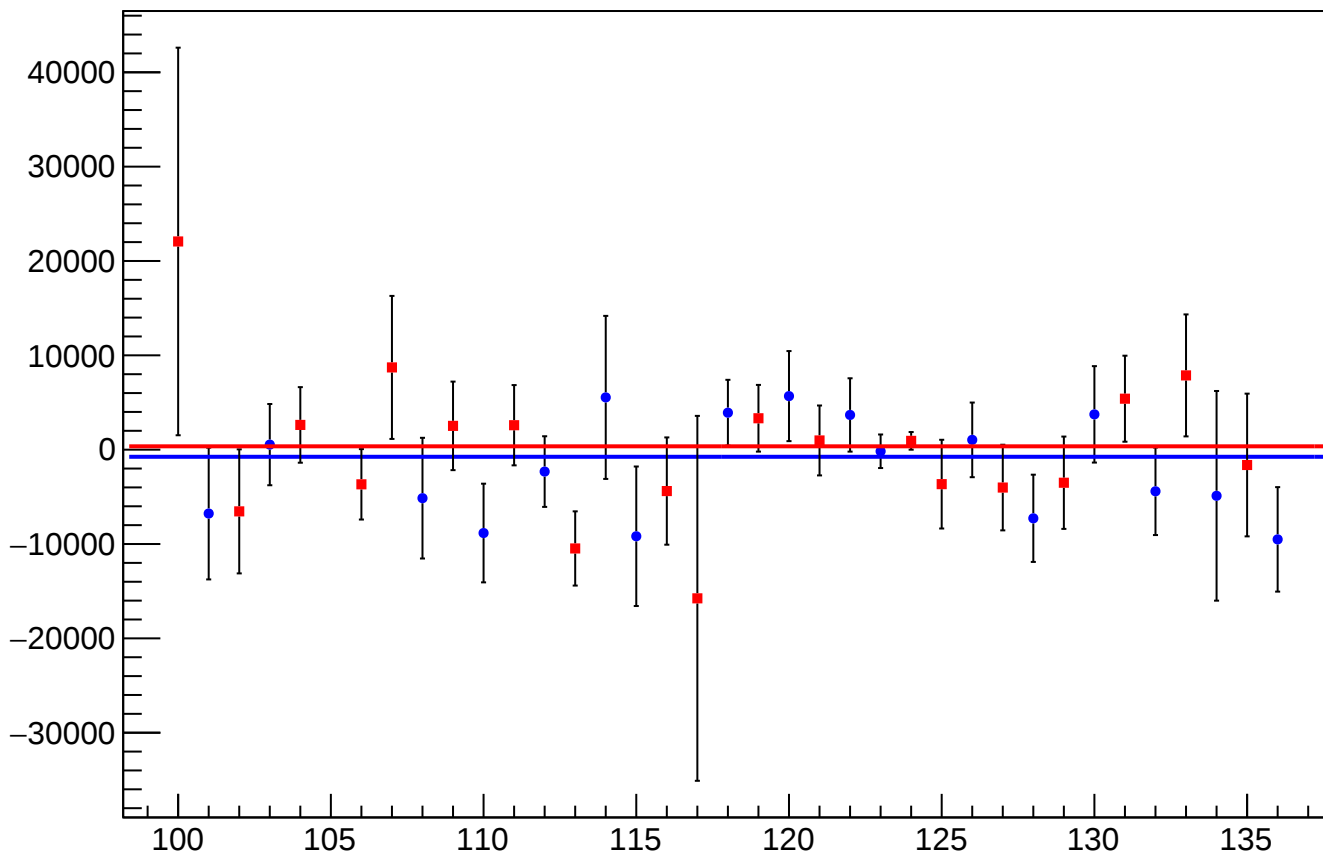
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1782.137+/-0.503 χ^2/NDF : 645188.8/16

1771.168+/-0.349 χ^2/NDF : 946756.8/35

1760.993+/-0.484 χ^2/NDF : 300651.2/18

asym_atr1l2_avg_correction_mean vs Slug, Sign Corrected



Right In: -753.428+/-1008.523 χ^2/NDF : 16.9/16

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

Right Out: 355.757+/-725.980 χ^2/NDF : 20.4/18

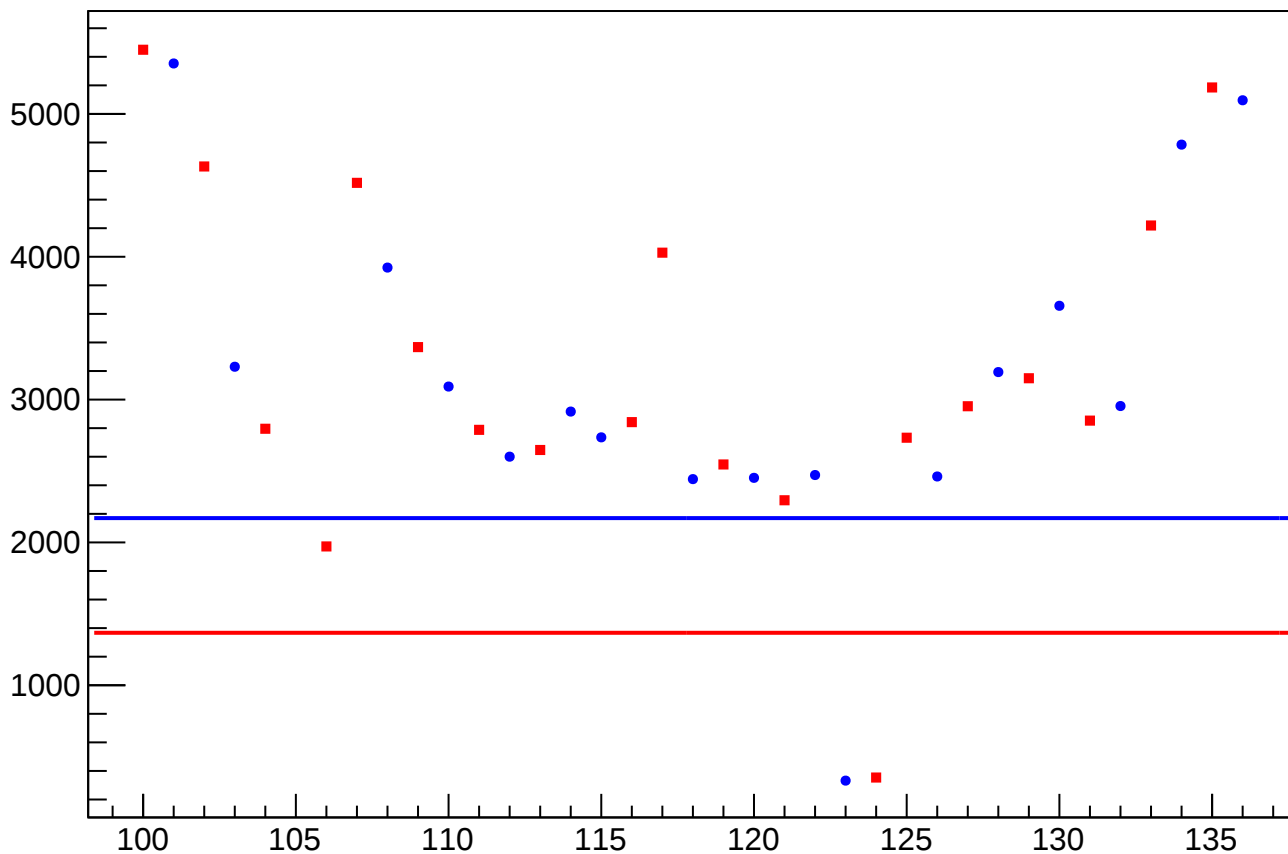
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-753.428+/-1008.523 χ^2/NDF : 16.9/16

-22.824+/-589.201 χ^2/NDF : 38.2/35

355.757+/-725.980 χ^2/NDF : 20.4/18

asym_atr1l2_avg_correction_rms vs Slug, Sign Corrected



Right In: 2170.242+/-0.713 χ^2/NDF : 3973725.5/16

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

Right Out: 1367.287+/-0.513 χ^2/NDF : 6681458.5/18

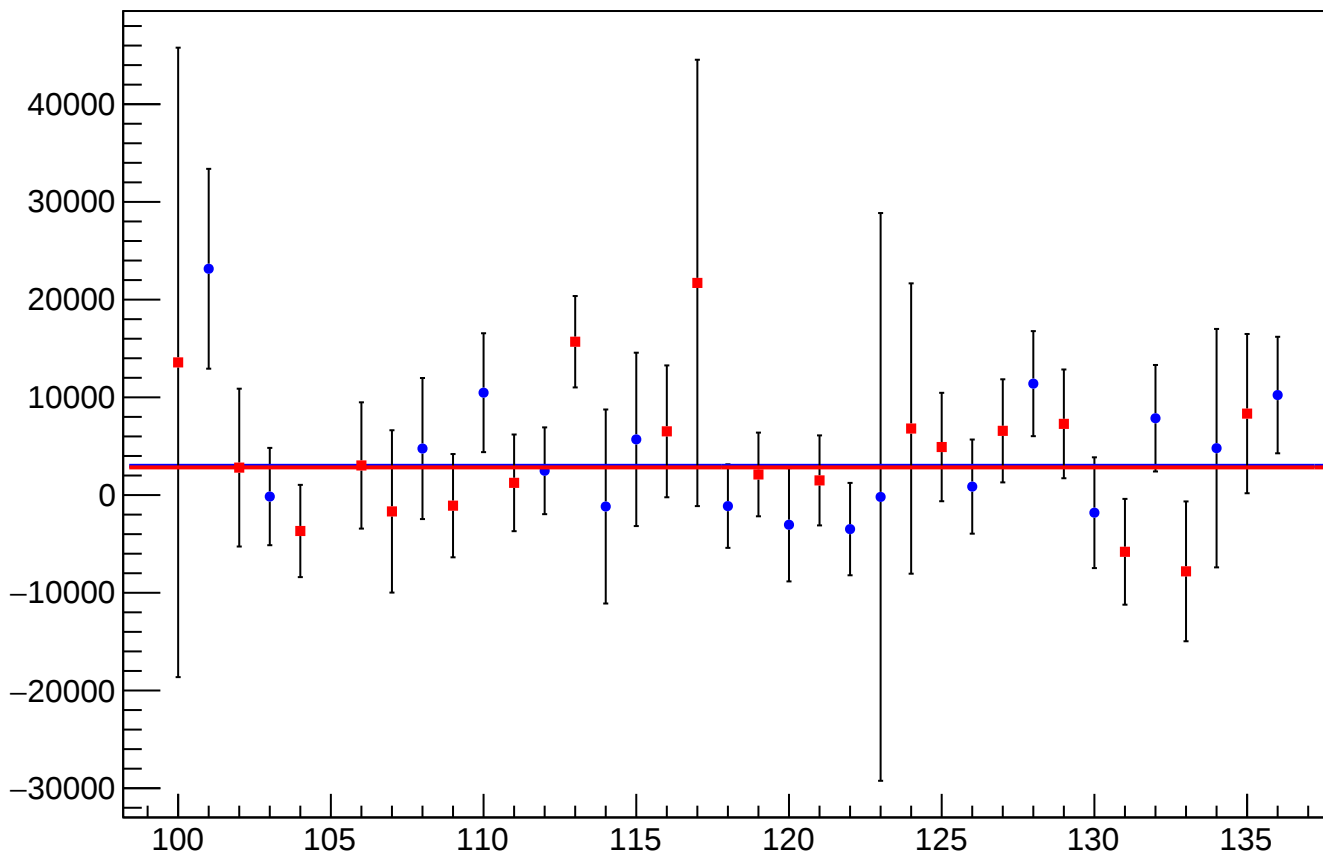
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2170.242+/-0.713 χ^2/NDF : 3973725.5/16

1641.348+/-0.417 χ^2/NDF : 11490244.5/3

1367.287+/-0.513 χ^2/NDF : 6681458.5/18

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 2992.806+/-1447.211 χ^2/NDF : 15.7/16

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

Right Out: 2831.604+/-1384.704 χ^2/NDF : 18.2/18

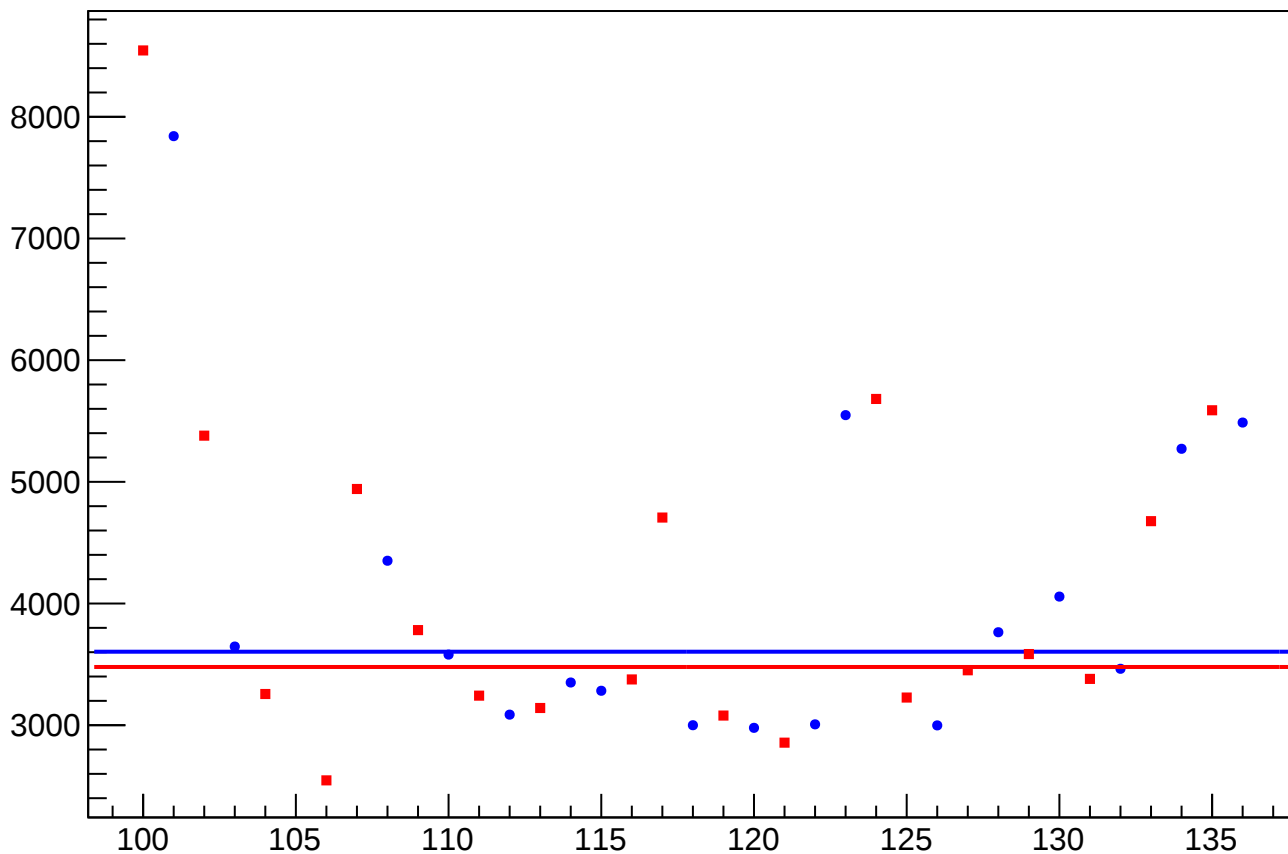
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2992.806+/-1447.211 χ^2/NDF : 15.7/16

2908.649+/-1000.501 χ^2/NDF : 33.9/35

2831.604+/-1384.704 χ^2/NDF : 18.2/18

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 3603.930+/-1.023 χ^2/NDF : 784674.5/16

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

Right Out: 3478.443+/-0.965 χ^2/NDF : 615641.1/18

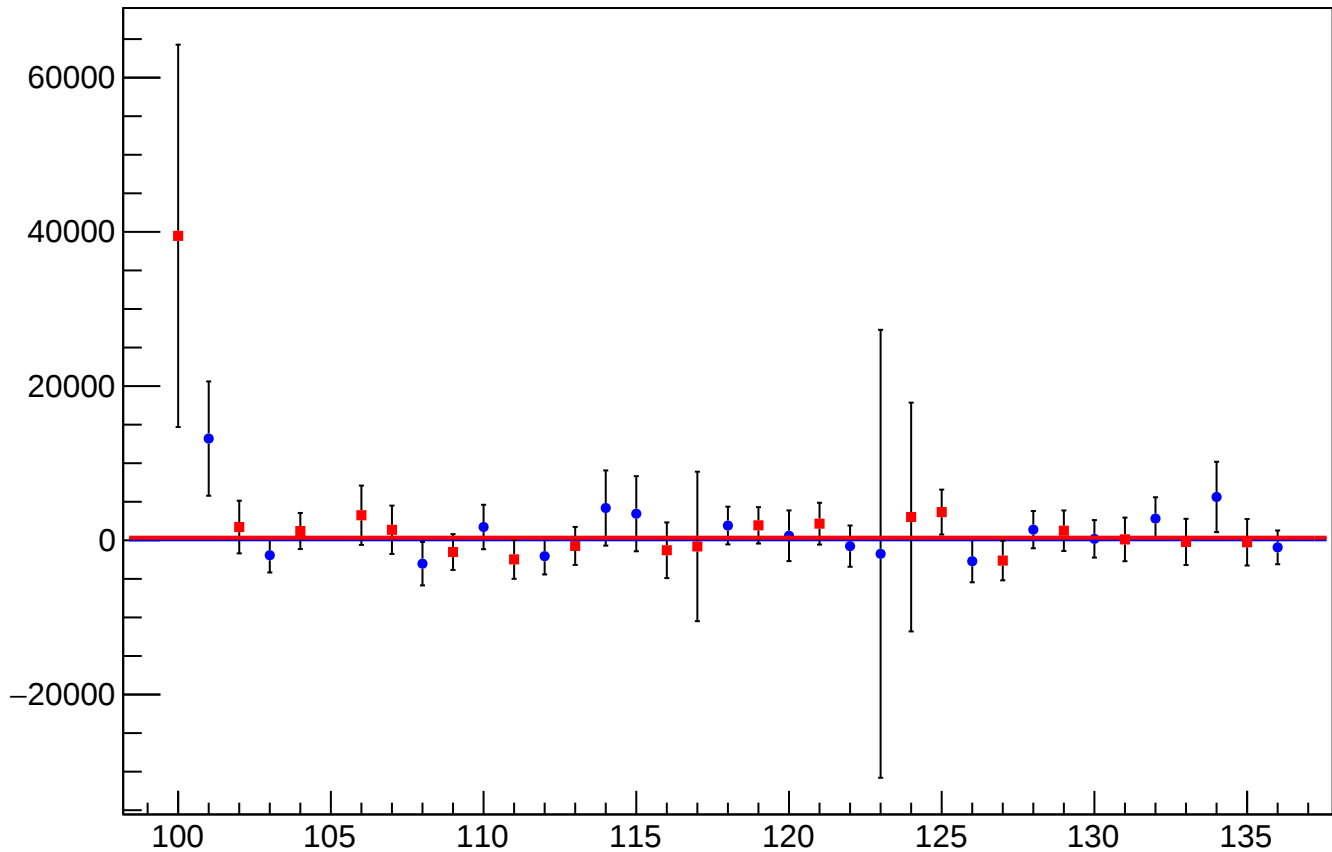
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3603.930+/-1.023 χ^2/NDF : 784674.5/16

3537.536+/-0.702 χ^2/NDF : 1408271.7/35

3478.443+/-0.965 χ^2/NDF : 615641.1/18

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 130.913+/-709.207 χ^2/NDF : 12.2/16

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

Right Out: 343.206+/-687.557 χ^2/NDF : 9.5/18

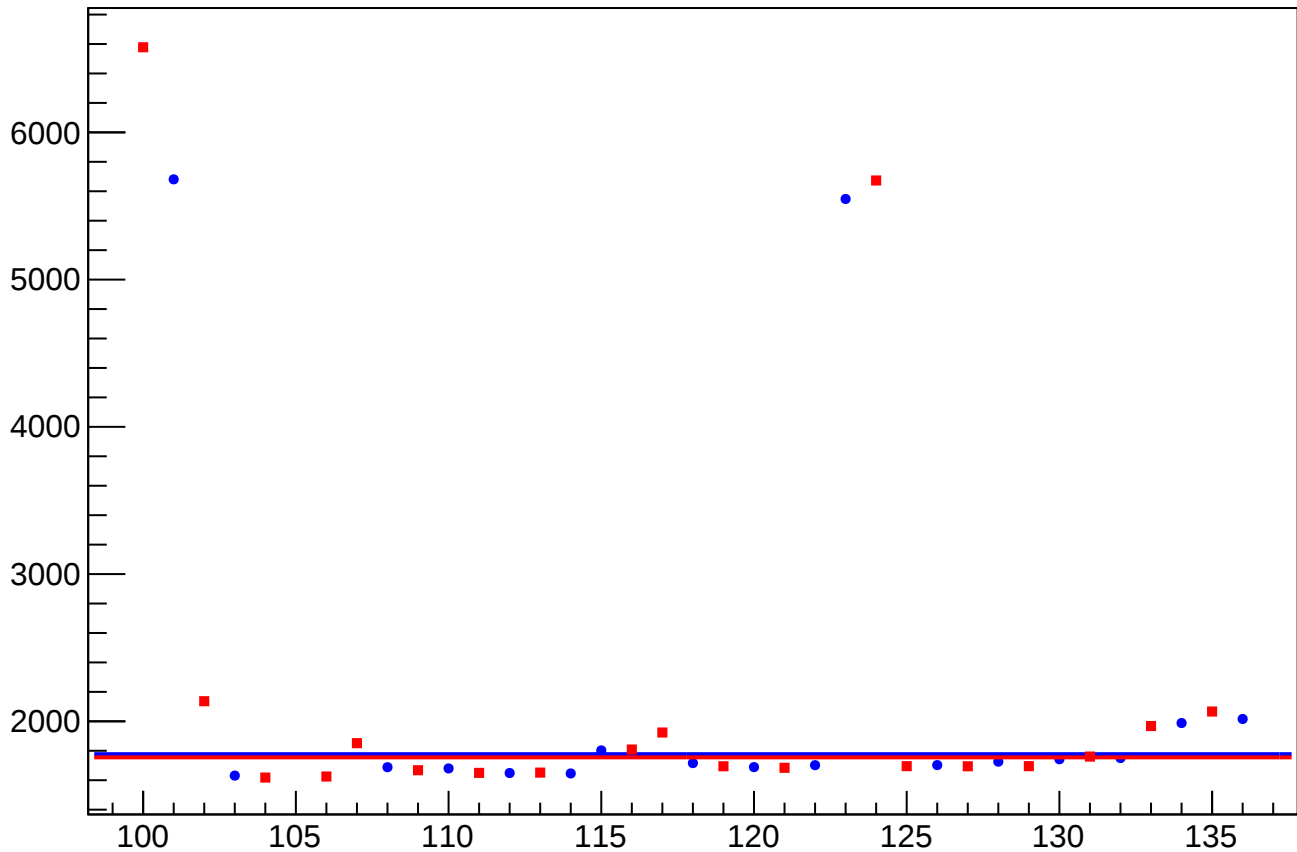
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

130.913+/-709.207 χ^2/NDF : 12.2/16

240.349+/-493.653 χ^2/NDF : 21.8/35

343.206+/-687.557 χ^2/NDF : 9.5/18

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1776.879+/-0.501 χ^2 /NDF: 643576.8/16

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

Right Out: 1755.149+/-0.483 χ^2 /NDF: 300265.1/18

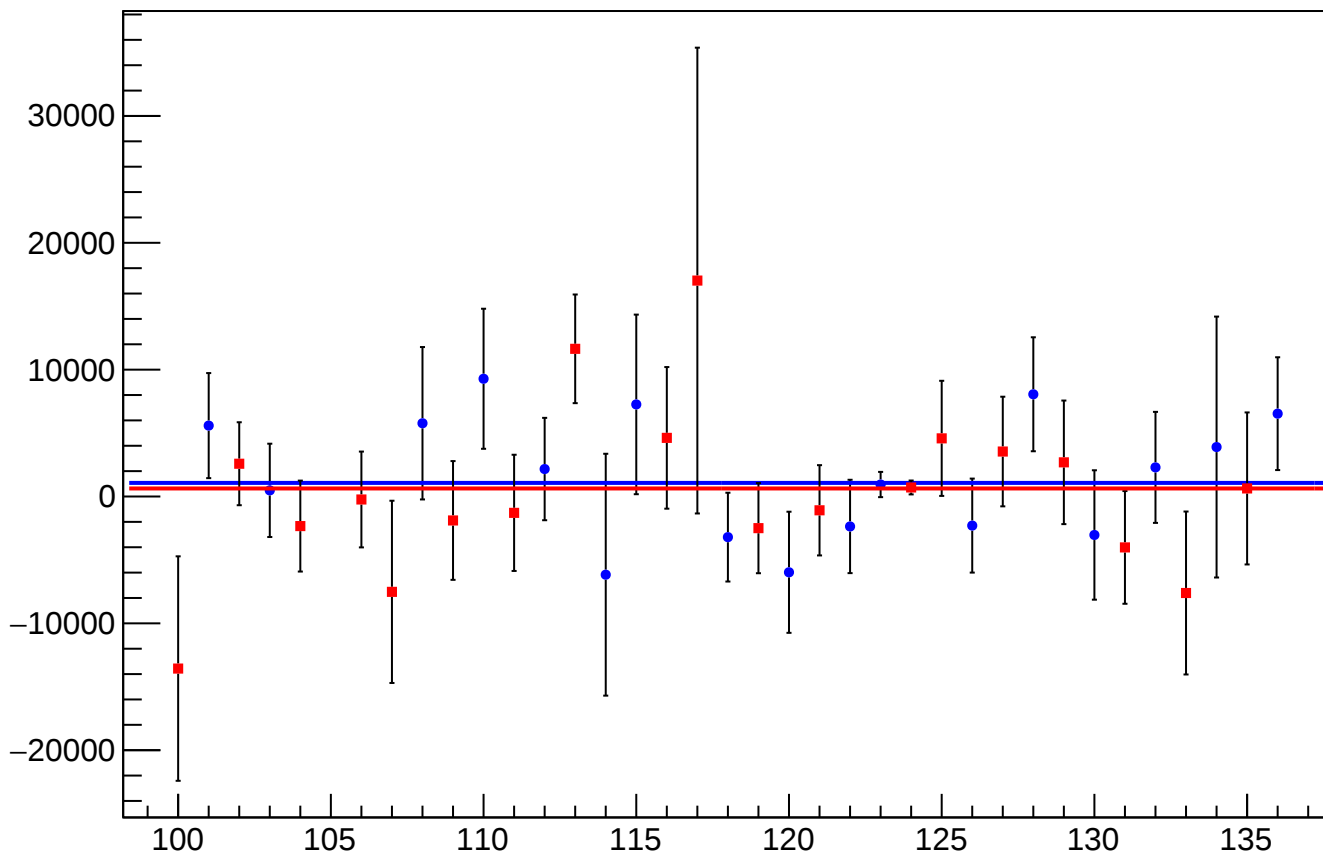
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

1776.879+/-0.501 χ^2 /NDF: 643576.8/16

1765.602+/-0.348 χ^2 /NDF: 944816.3/35

1755.149+/-0.483 χ^2 /NDF: 300265.1/18

asym_atr1l2_dd_correction_mean vs Slug, Sign Corrected



Right In: 1072.194+/-752.280 χ^2/NDF : 15.6/16

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

Right Out: 633.159+/-488.540 χ^2/NDF : 18.5/18

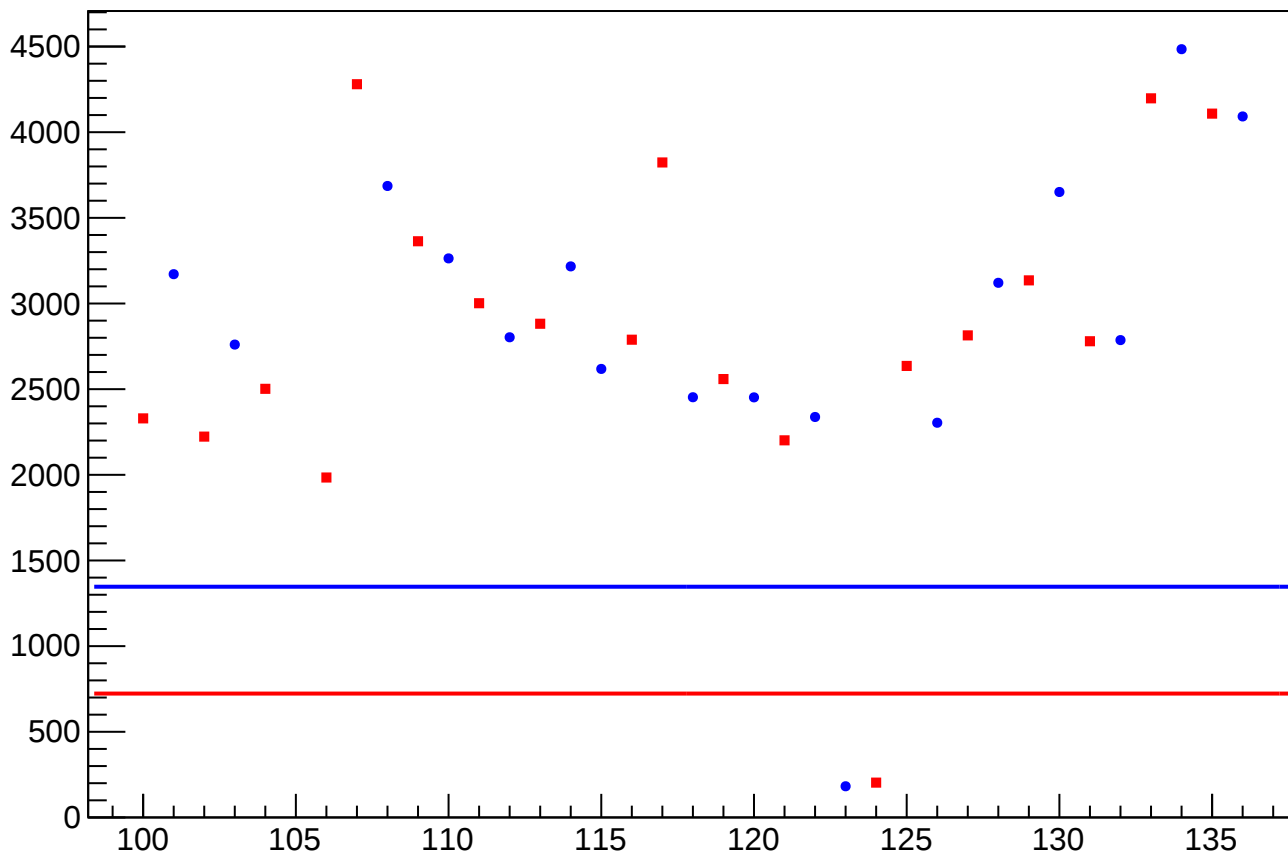
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1072.194+/-752.280 χ^2/NDF : 15.6/16

763.393+/-409.723 χ^2/NDF : 34.3/35

633.159+/-488.540 χ^2/NDF : 18.5/18

asym_atr1l2_dd_correction_rms vs Slug, Sign Corrected



Right In: 1346.836+/-0.532 χ^2/NDF : 6839112.6/16

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

Right Out: 723.133+/-0.345 χ^2/NDF : 9306146.2/18

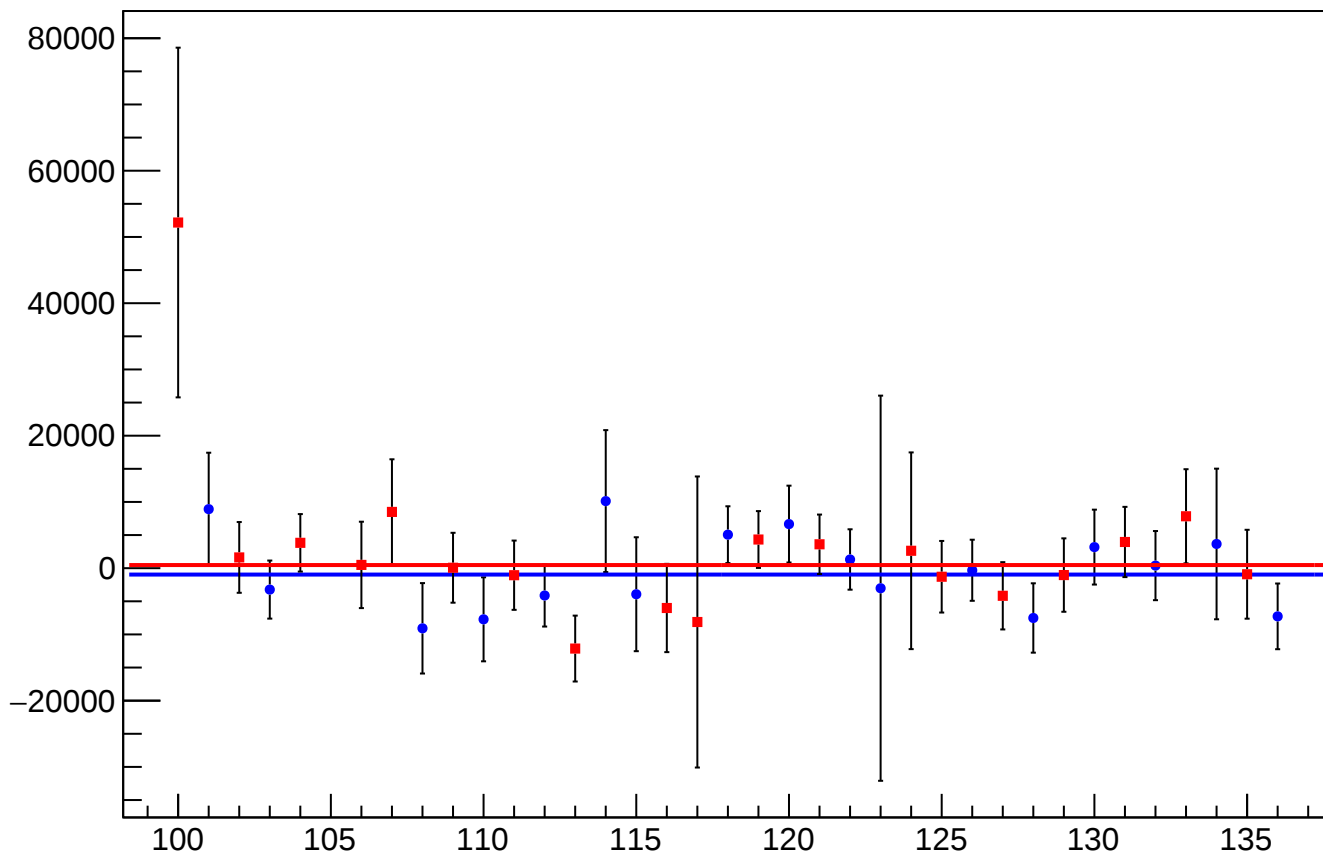
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1346.836+/-0.532 χ^2/NDF : 6839112.6/16

908.145+/-0.290 χ^2/NDF : 17112216.3/35

723.133+/-0.345 χ^2/NDF : 9306146.2/18

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -964.151+/-1395.626 χ^2/NDF : 13.7/16

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

Right Out: 472.948+/-1338.357 χ^2/NDF : 17.0/18

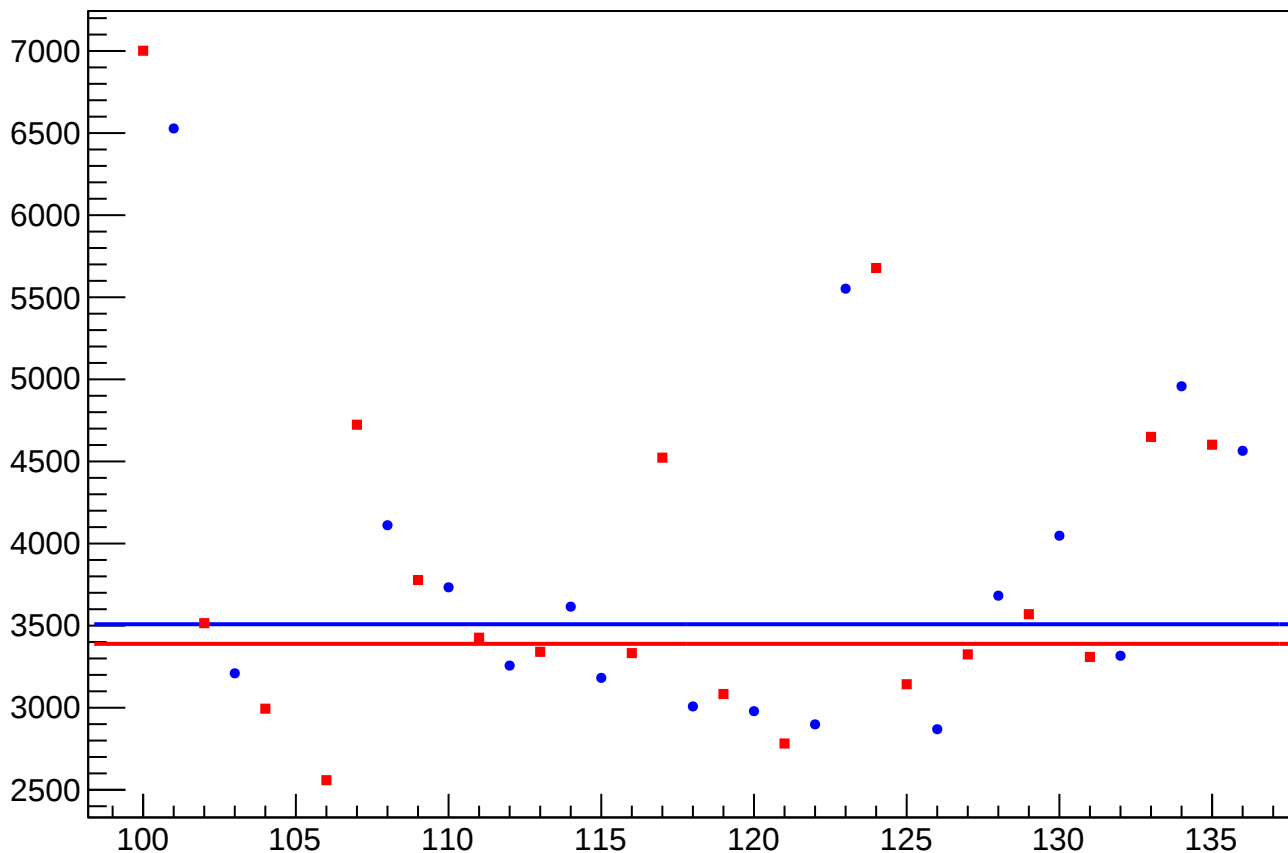
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-964.151+/-1395.626 χ^2/NDF : 13.7/16

-215.512+/-965.973 χ^2/NDF : 31.3/35

472.948+/-1338.357 χ^2/NDF : 17.0/18

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3508.483 $\pm$ 0.987 χ^2 /NDF: 562197.7/16

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

Right Out: 3389.012 $\pm$ 0.934 χ^2 /NDF: 410877.1/18

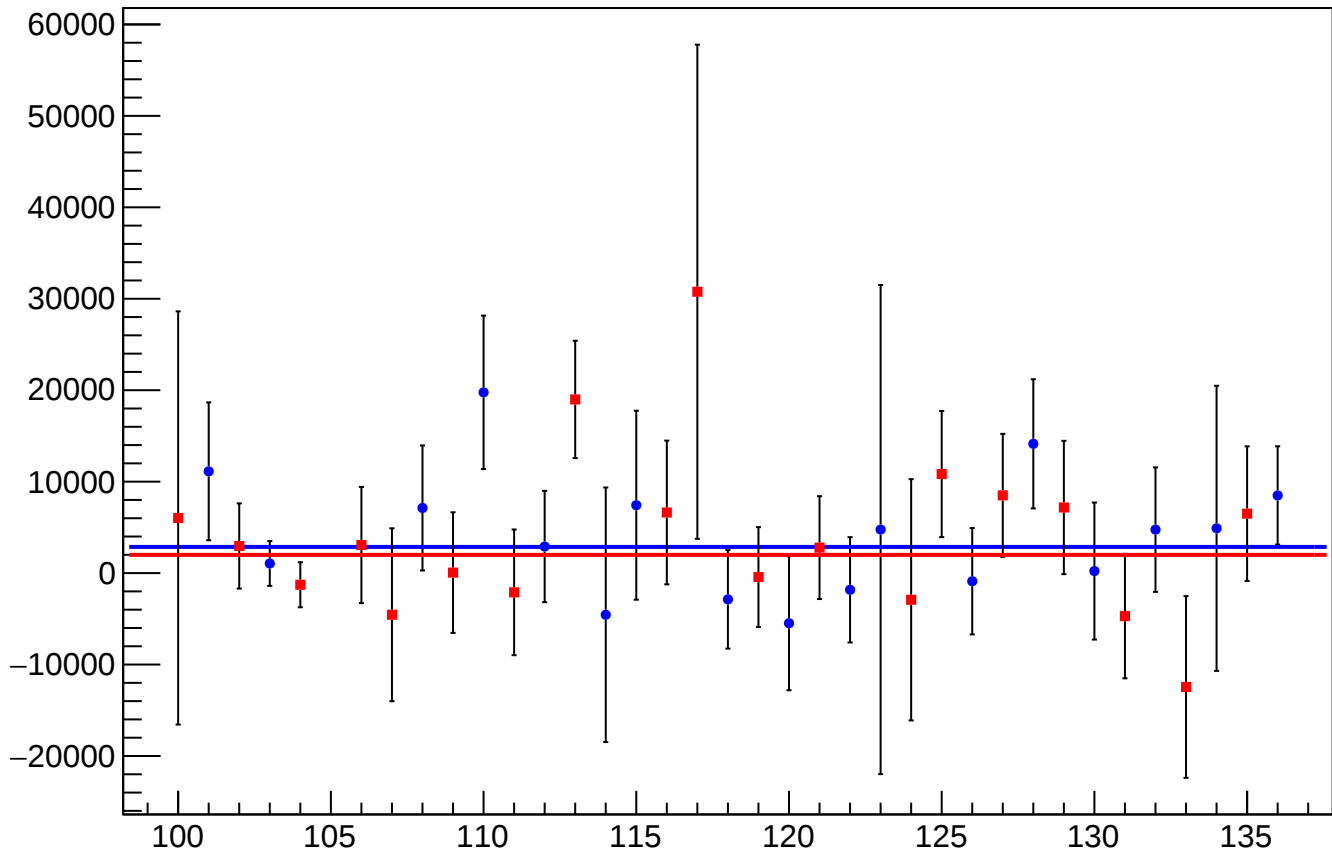
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3508.483 $\pm$ 0.987 χ^2 /NDF: 562197.7/16

3445.460 $\pm$ 0.678 χ^2 /NDF: 980806.2/35

3389.012 $\pm$ 0.934 χ^2 /NDF: 410877.1/18

reg_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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1993.883+/-1389.911 χ^2/NDF : 18.2/18

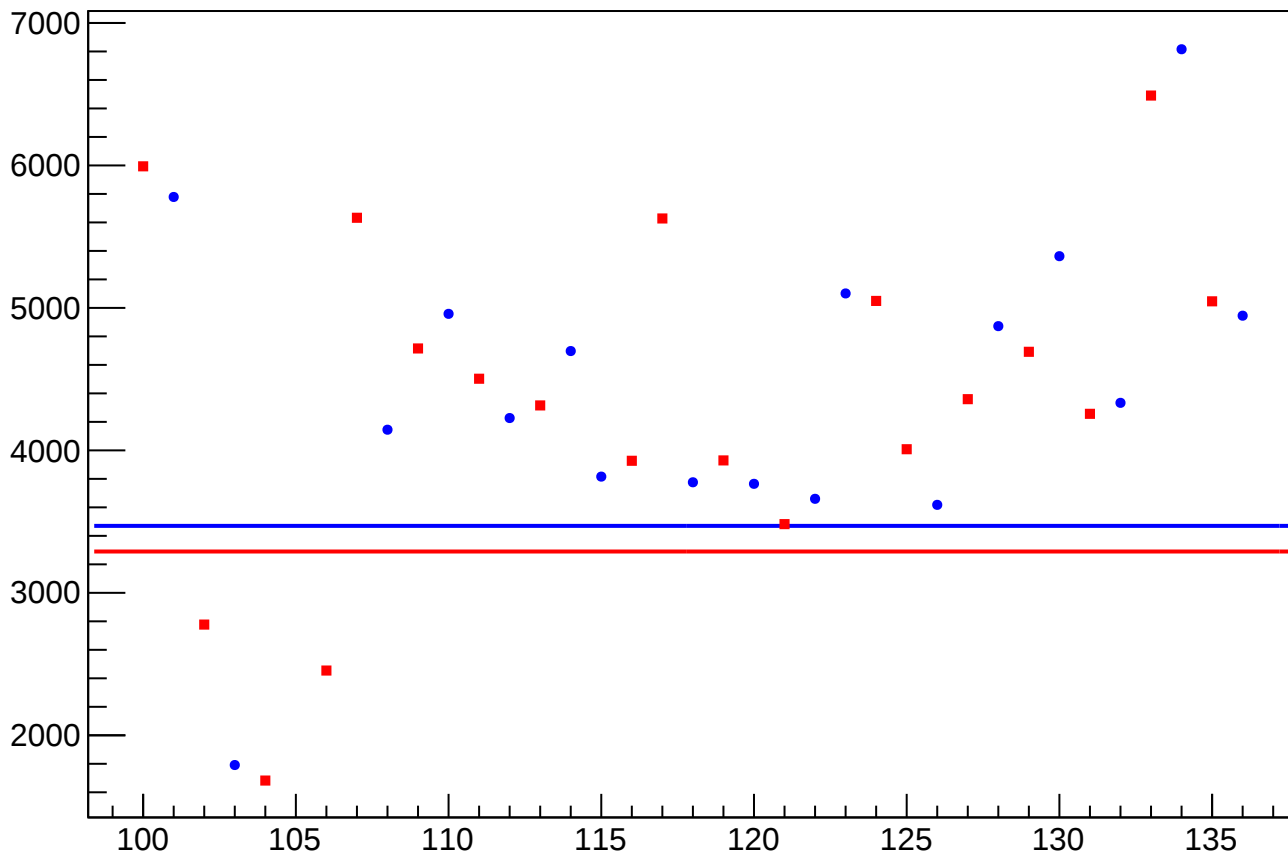
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2864.770+/-1452.658 χ^2/NDF : 14.1/16

2410.112+/-1004.265 χ^2/NDF : 32.4/35

1993.883+/-1389.911 χ^2/NDF : 18.2/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3290.116+/-0.974 χ^2/NDF : 1882675.4/18

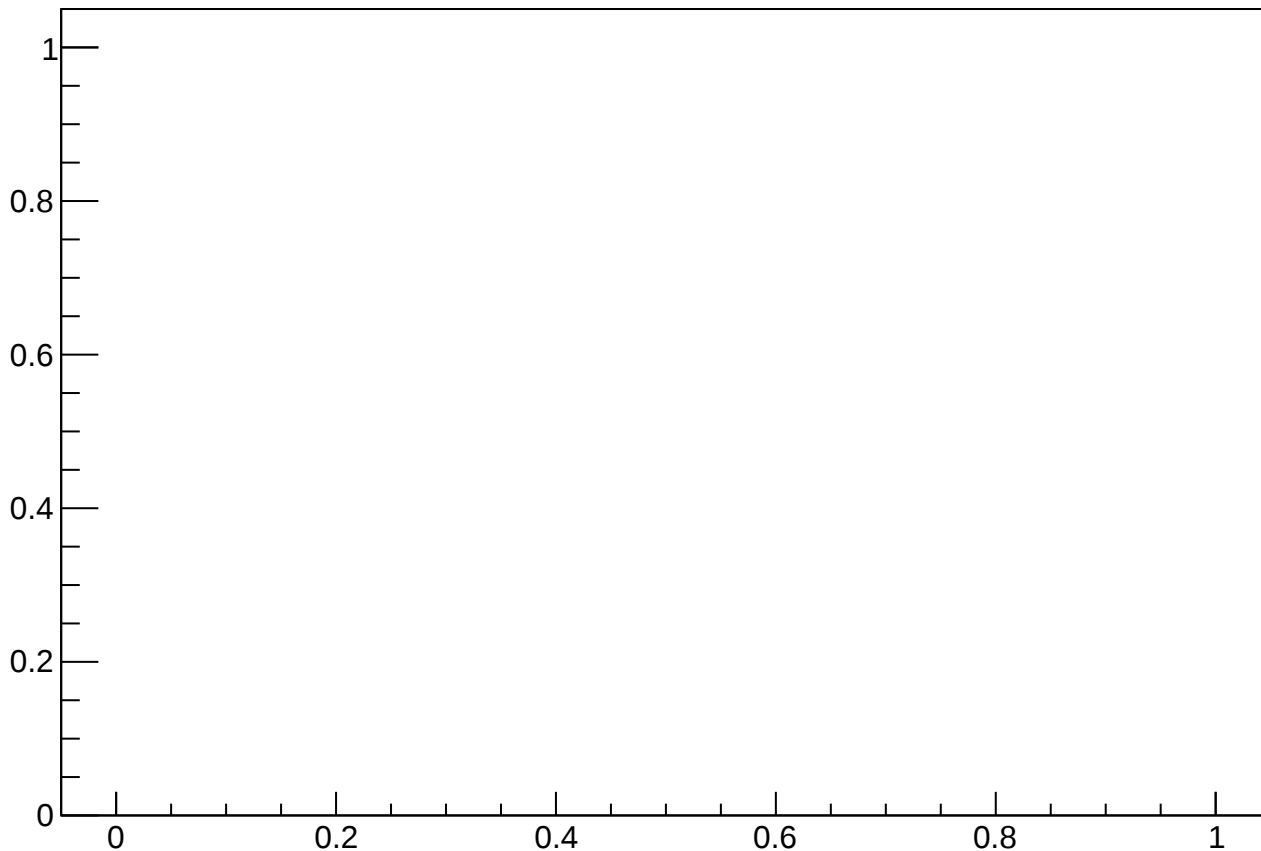
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3470.042+/-1.027 χ^2/NDF : 1760860.6/16

3375.278+/-0.707 χ^2/NDF : 3659696.8/35

3290.116+/-0.974 χ^2/NDF : 1882675.4/18

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

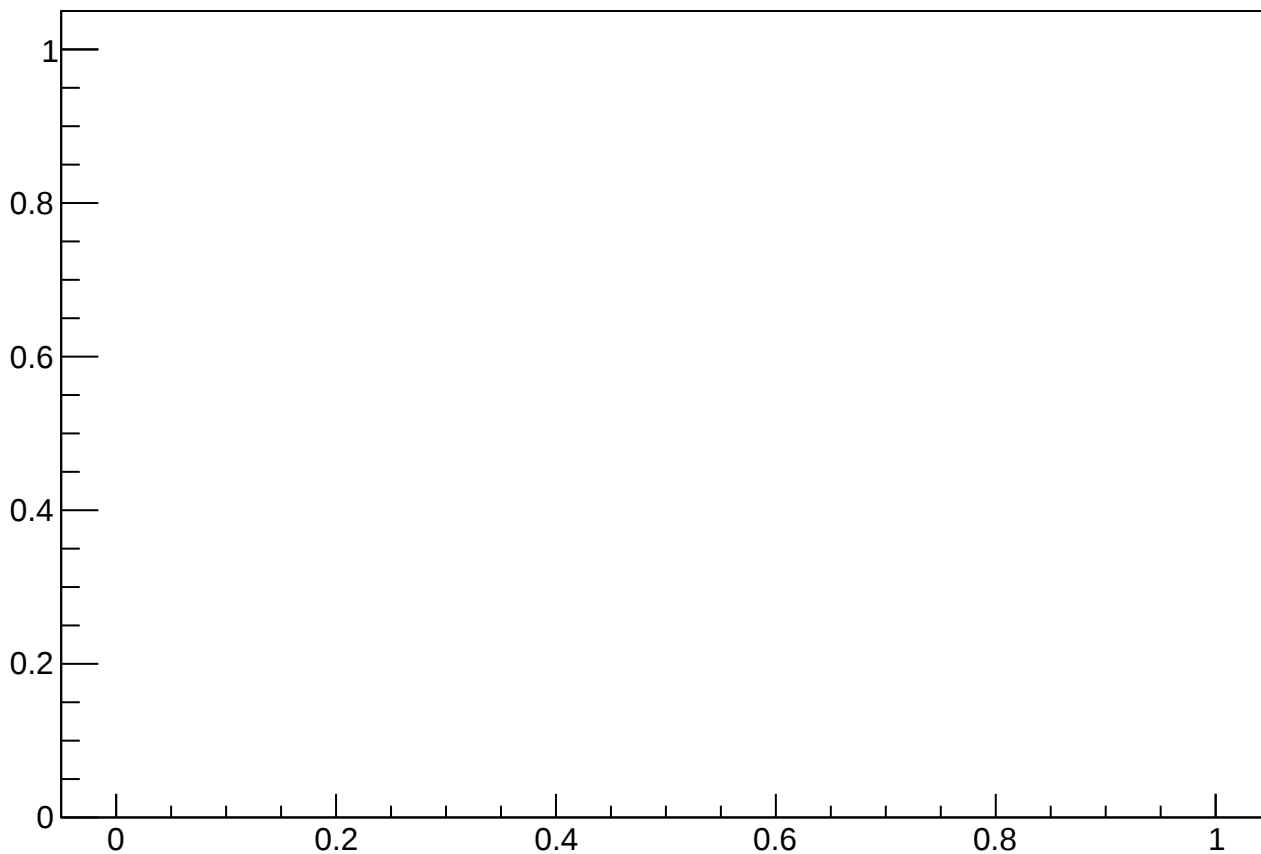
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

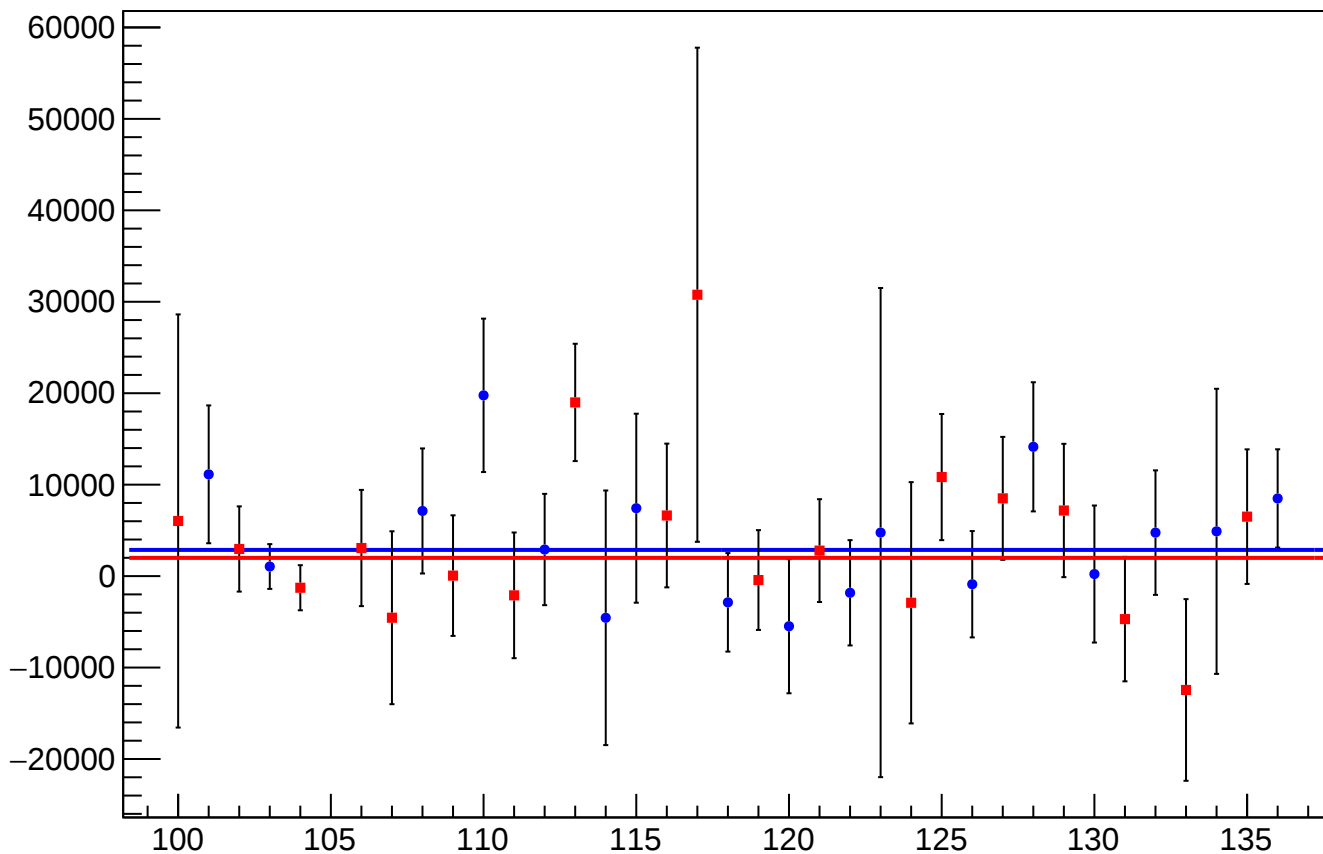
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1993.883+/-1389.911 χ^2 /NDF: 18.2/18

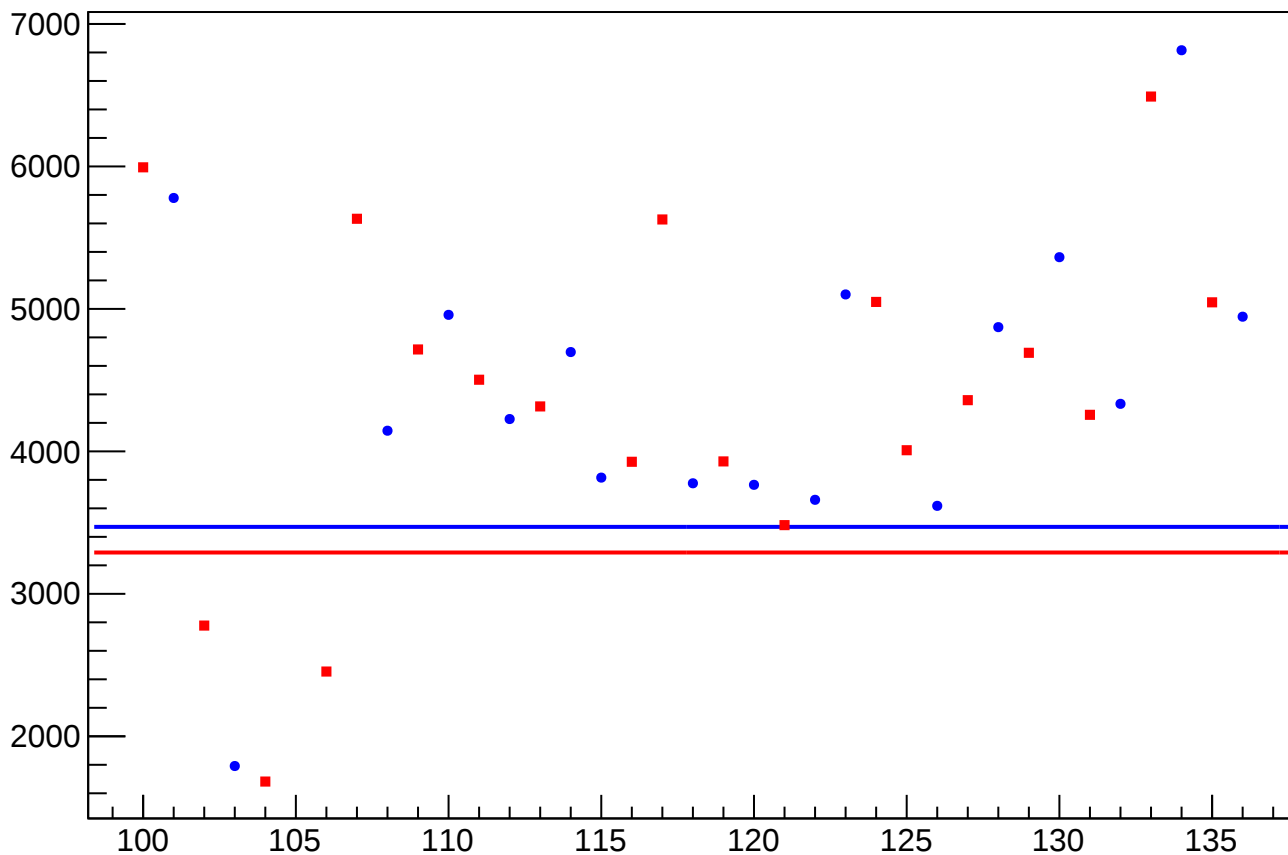
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

2864.770+/-1452.658 χ^2 /NDF: 14.1/16

2410.112+/-1004.265 χ^2 /NDF: 32.4/35

1993.883+/-1389.911 χ^2 /NDF: 18.2/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3290.116+/-0.974 χ^2/NDF : 1882675.4/18

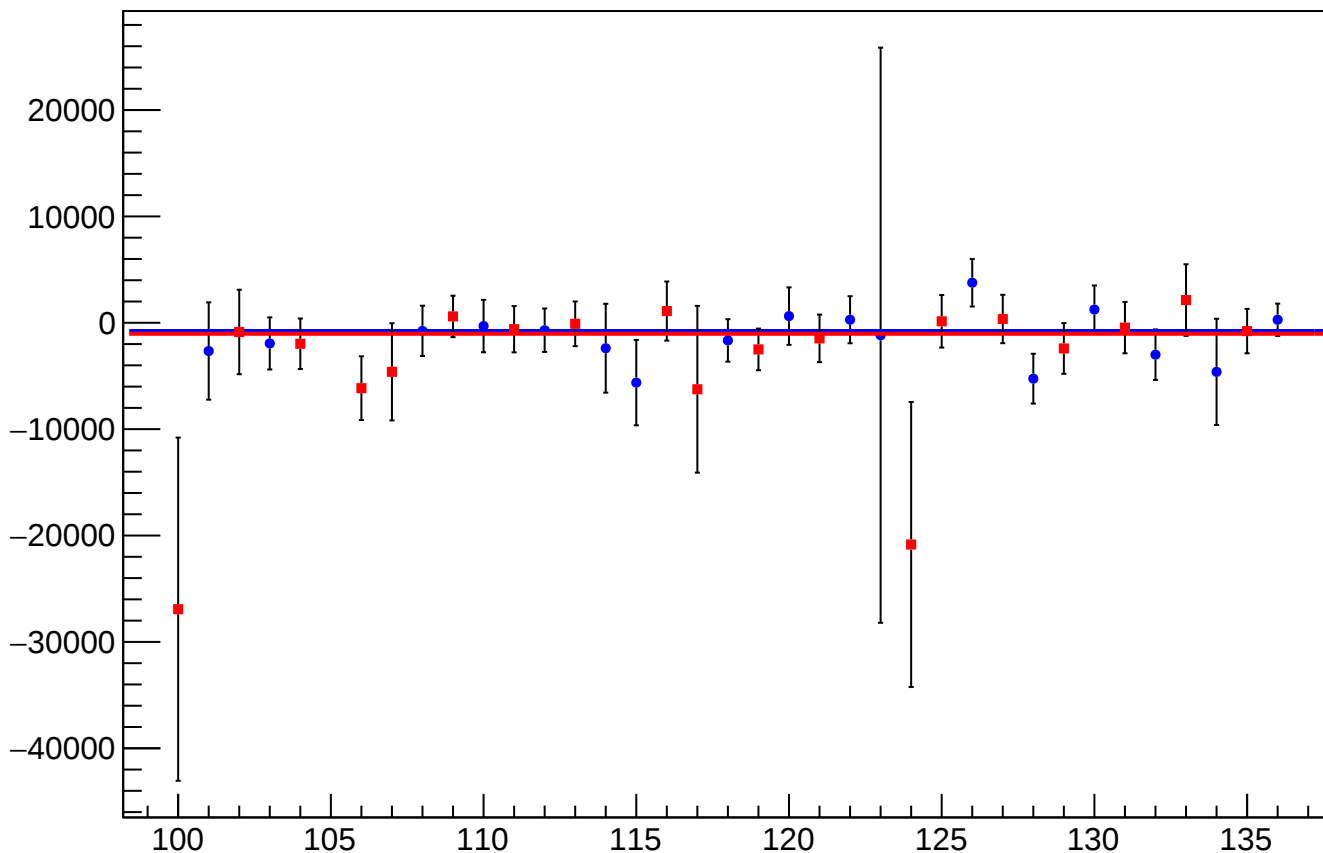
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3470.042+/-1.027 χ^2/NDF : 1760860.6/16

3375.278+/-0.707 χ^2/NDF : 3659696.8/35

3290.116+/-0.974 χ^2/NDF : 1882675.4/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1031.900+/-604.061 χ^2/NDF : 12.9/18

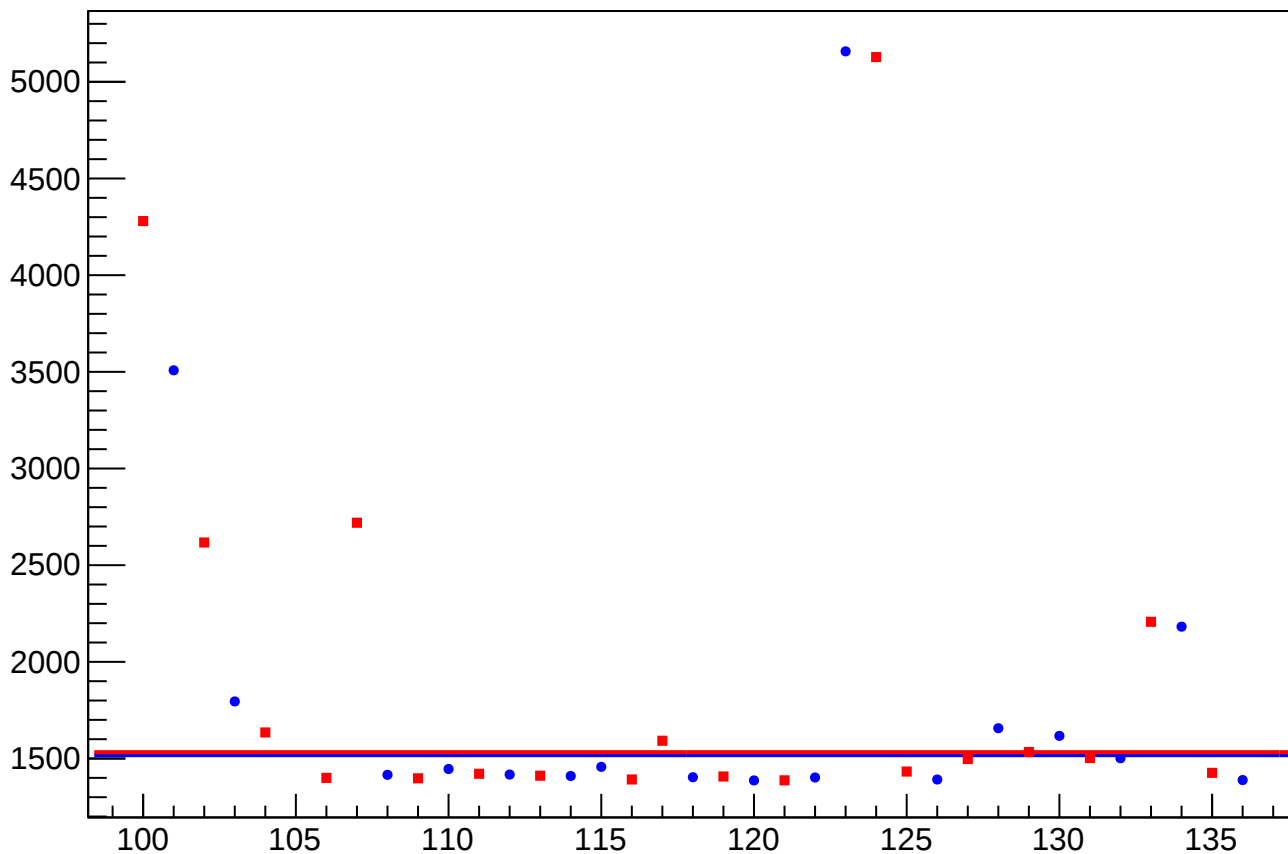
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-771.153+/-603.689 χ^2/NDF : 13.3/16

-901.446+/-427.004 χ^2/NDF : 26.3/35

-1031.900+/-604.061 χ^2/NDF : 12.9/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1532.885+/-0.427 χ^2/NDF : 627091.9/18

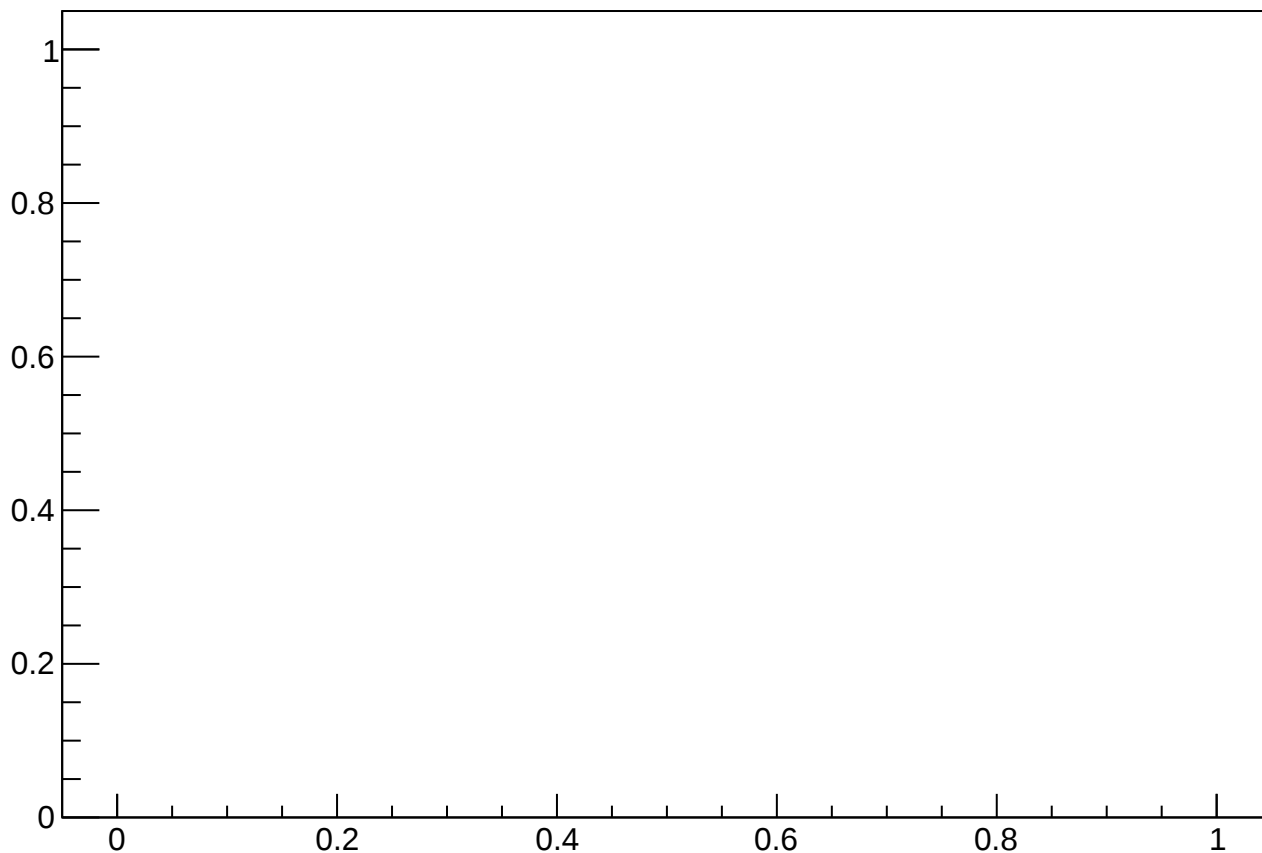
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1517.334+/-0.427 χ^2/NDF : 536662.7/16

1525.105+/-0.302 χ^2/NDF : 1164417.8/35

1532.885+/-0.427 χ^2/NDF : 627091.9/18

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

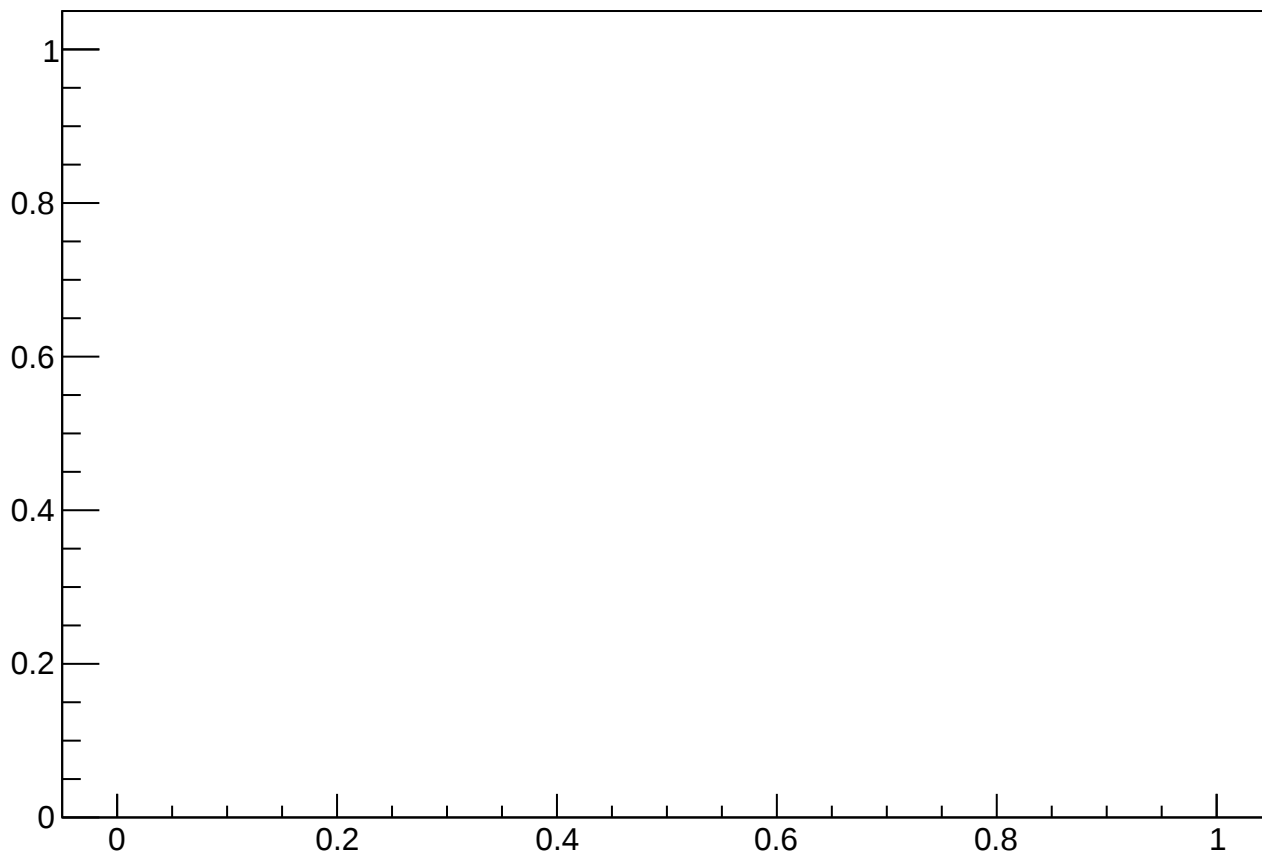
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

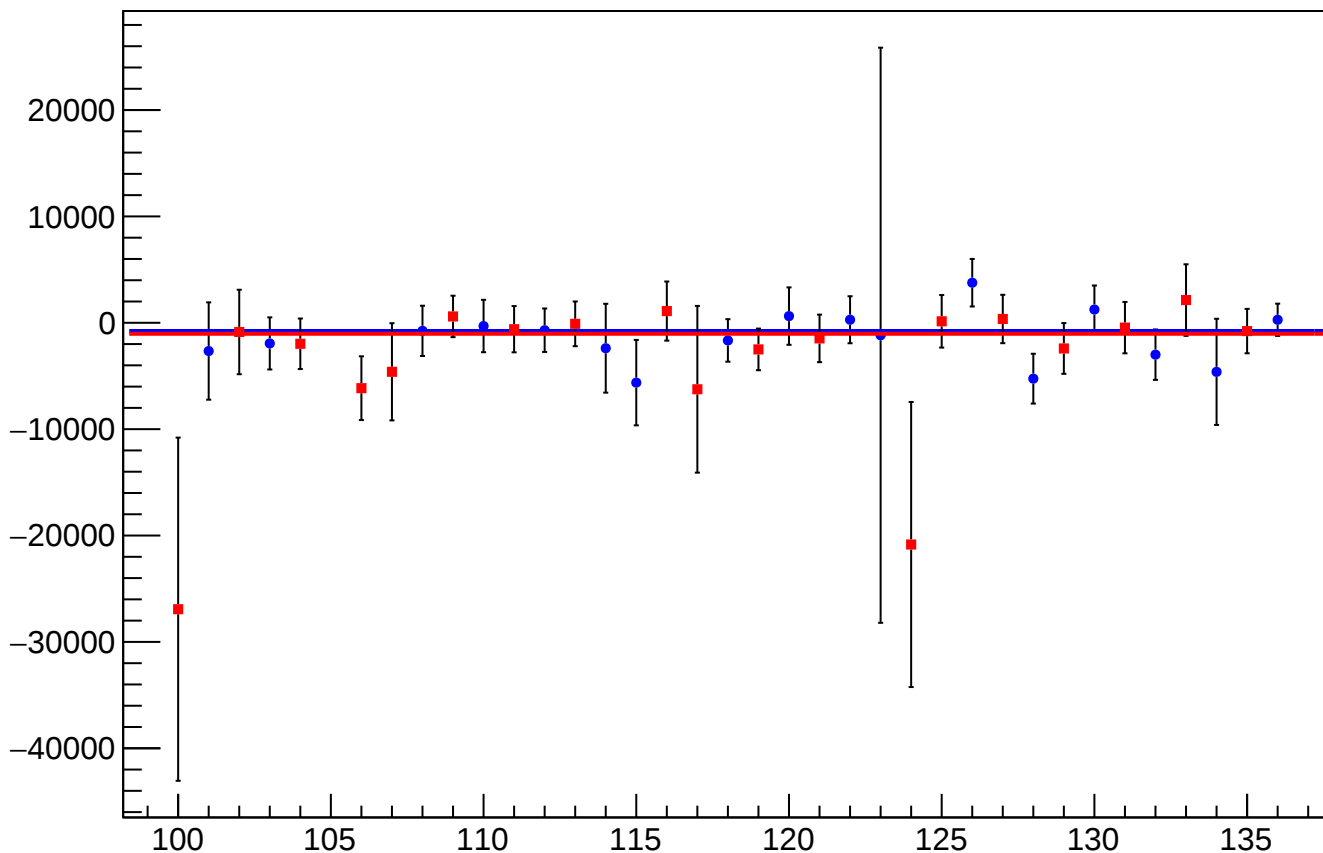
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1031.900+/-604.061 χ^2/NDF : 12.9/18

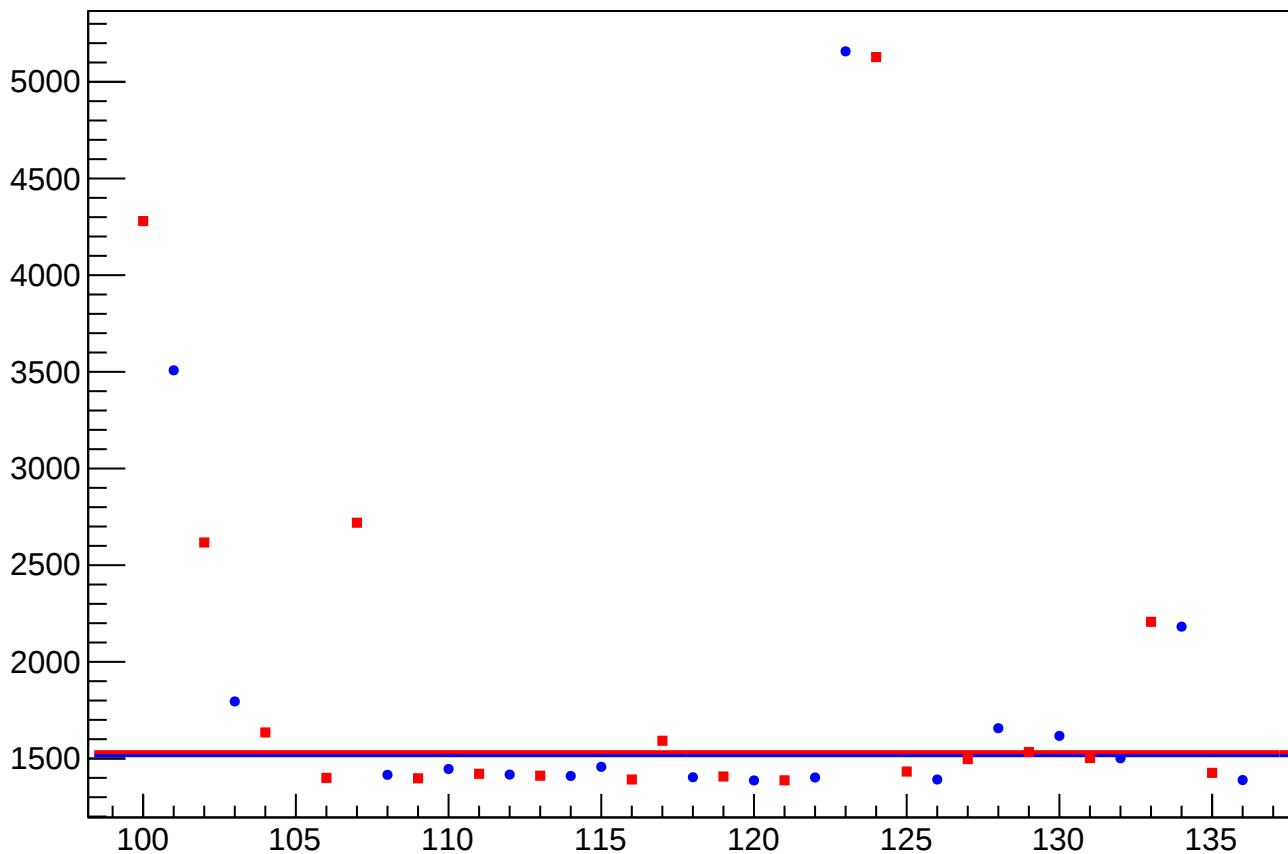
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-771.153+/-603.689 χ^2/NDF : 13.3/16

-901.446+/-427.004 χ^2/NDF : 26.3/35

-1031.900+/-604.061 χ^2/NDF : 12.9/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1532.885+/-0.427 χ^2/NDF : 627091.9/18

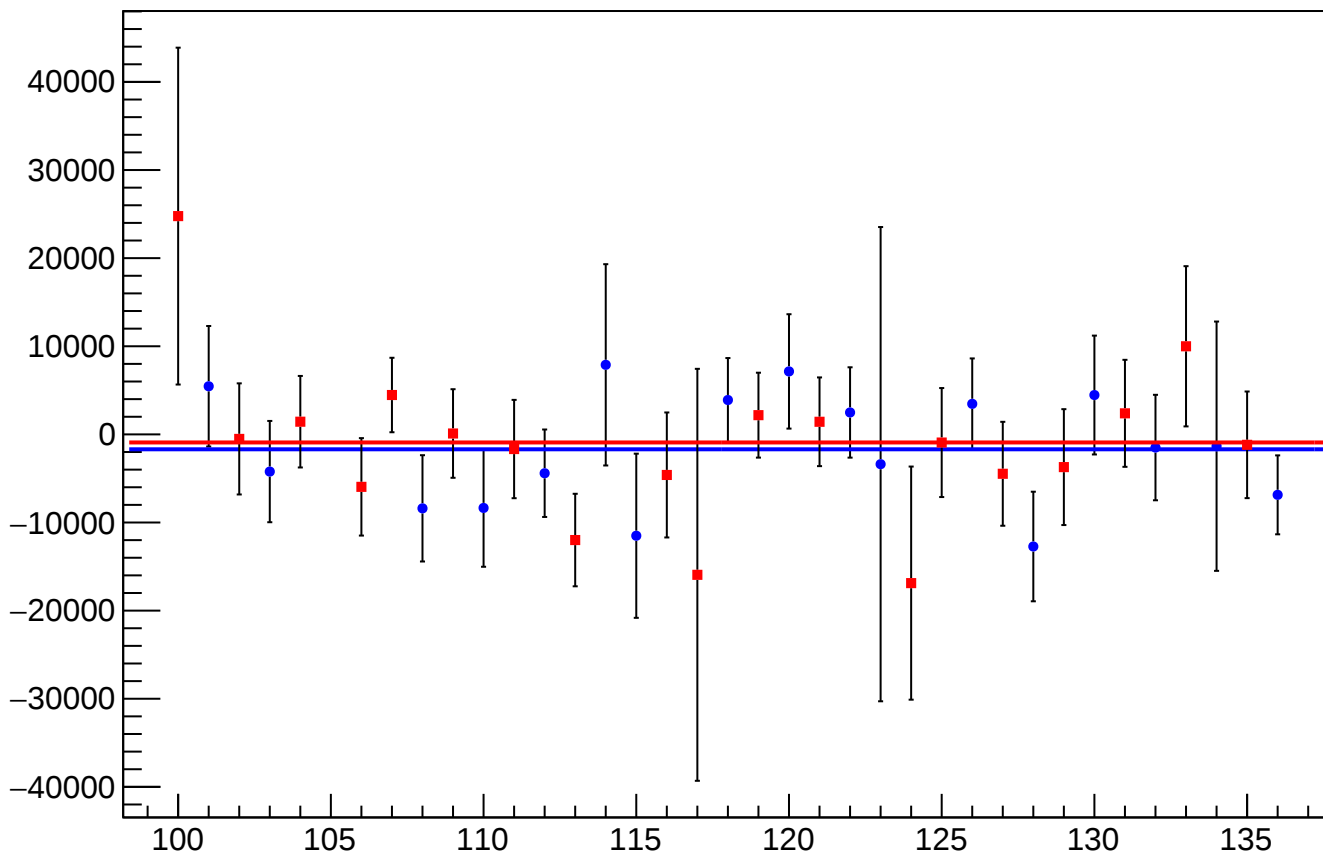
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1517.334+/-0.427 χ^2/NDF : 536662.7/16

1525.105+/-0.302 χ^2/NDF : 1164417.8/35

1532.885+/-0.427 χ^2/NDF : 627091.9/18

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1692.604+/-1512.935 χ^2 /NDF: 15.8/16

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

Right Out: -915.907+/-1391.773 χ^2 /NDF: 14.0/18

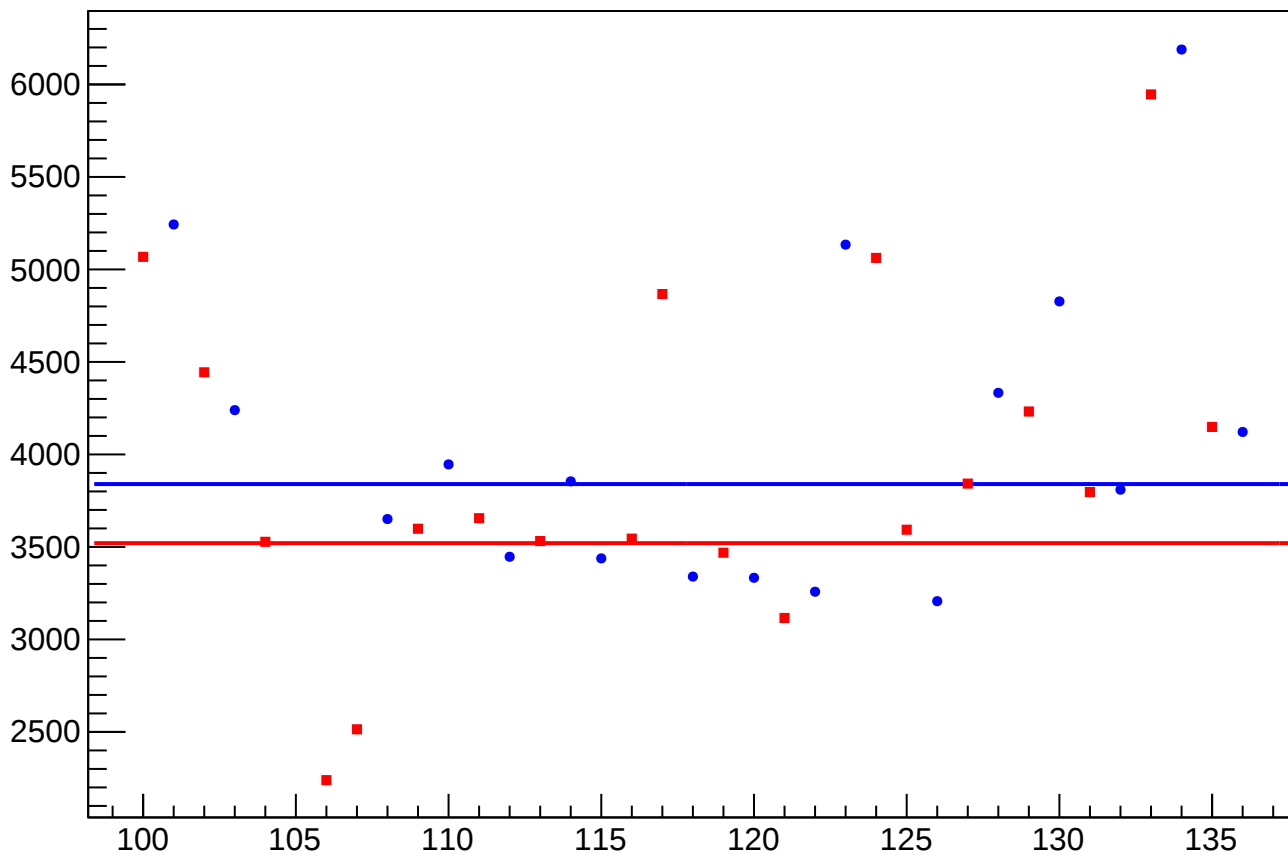
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1692.604+/-1512.935 χ^2 /NDF: 15.8/16

-1271.913+/-1024.292 χ^2 /NDF: 30.0/35

-915.907+/-1391.773 χ^2 /NDF: 14.0/18

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: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 3520.545 ± 0.975 χ^2/NDF : 555032.6/18

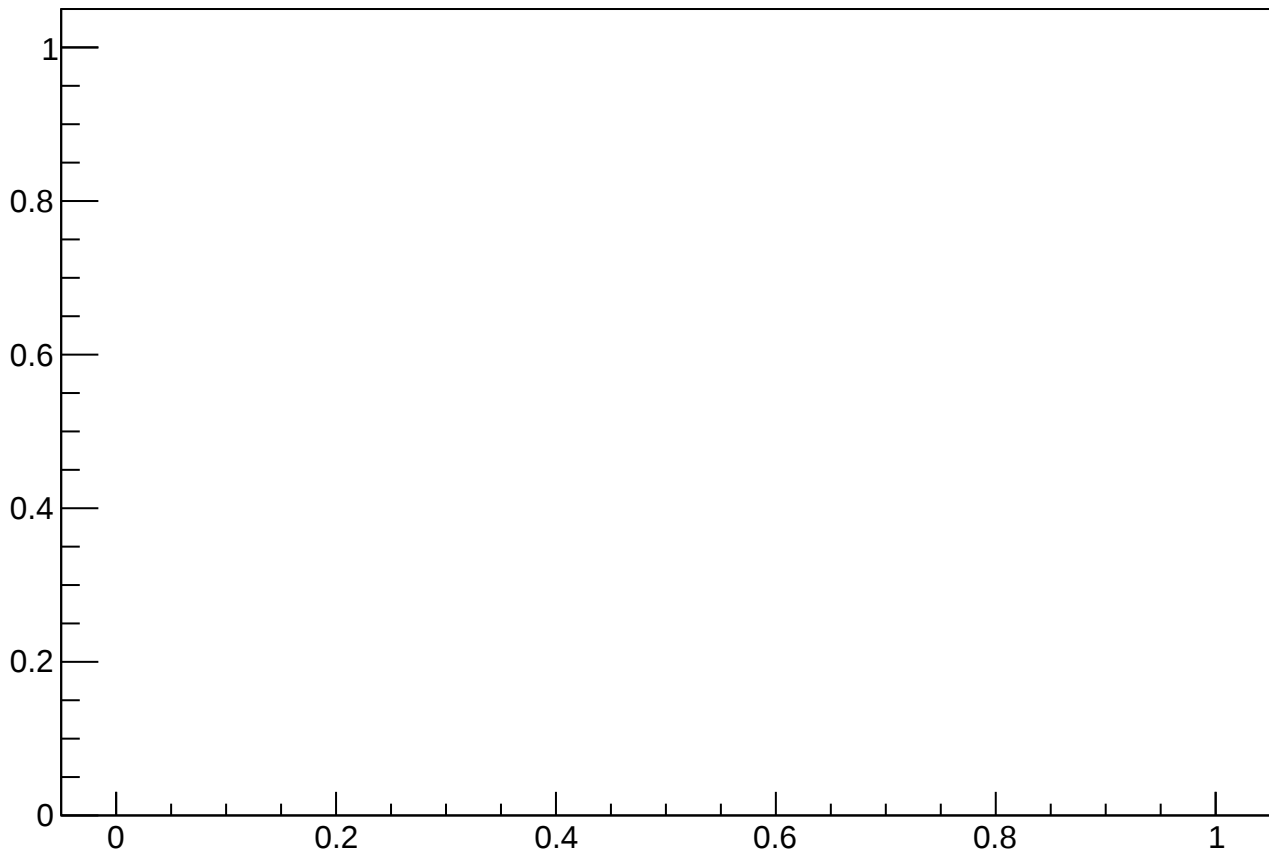
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

3839.751 ± 1.070 χ^2/NDF : 325959.2/16

3665.388 ± 0.721 χ^2/NDF : 929625.7/35

3520.545 ± 0.975 χ^2/NDF : 555032.6/18

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

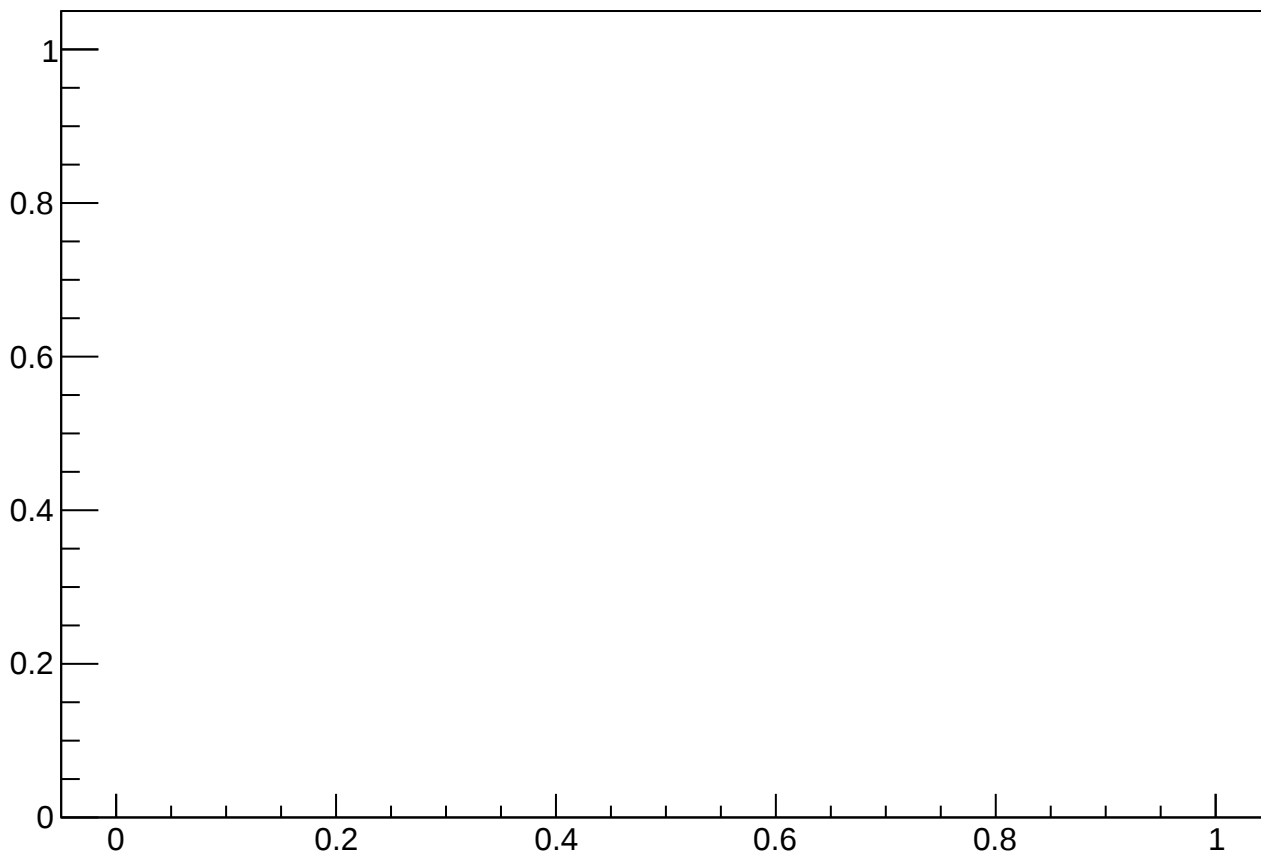
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

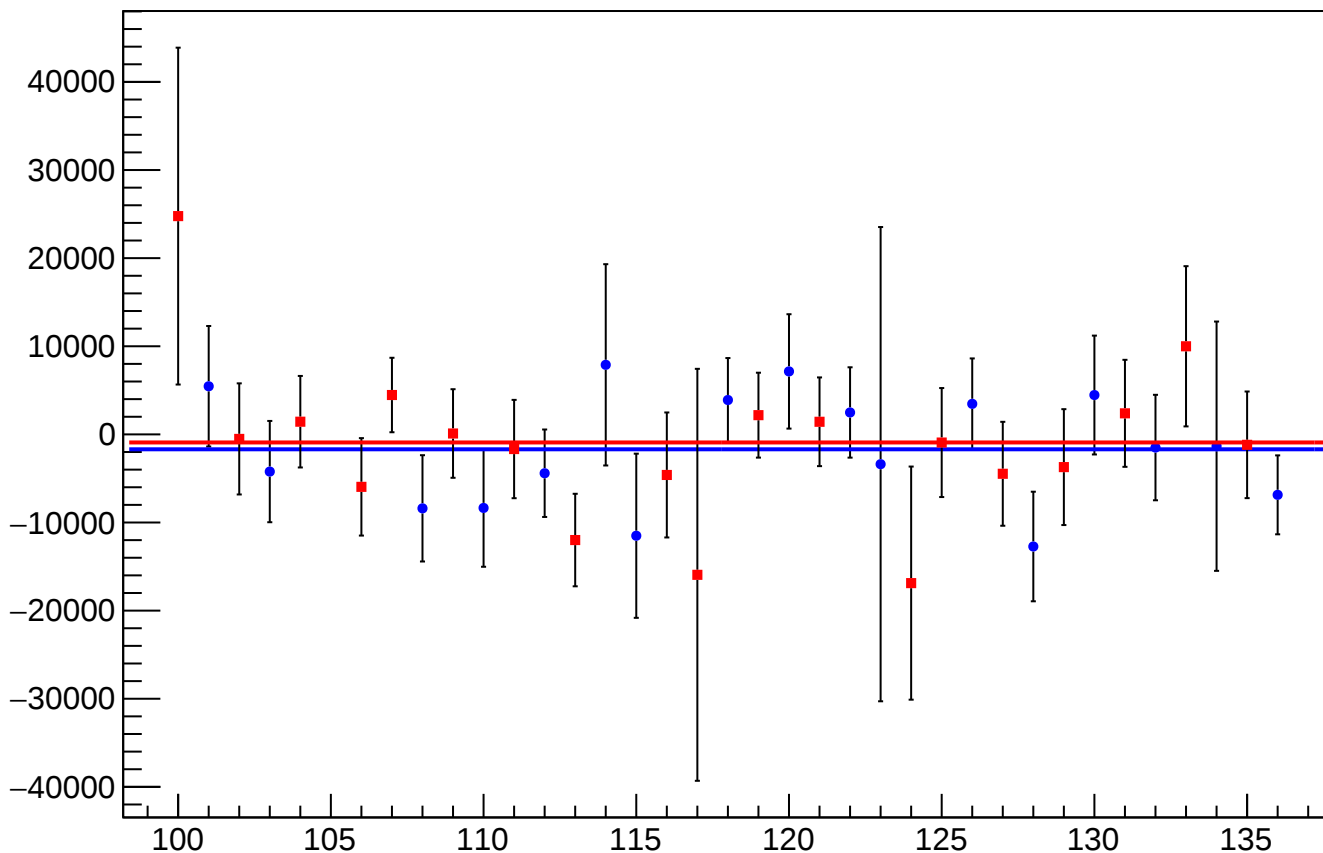
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -915.907 $\pm$ 1391.773 χ^2 /NDF: 14.0/18

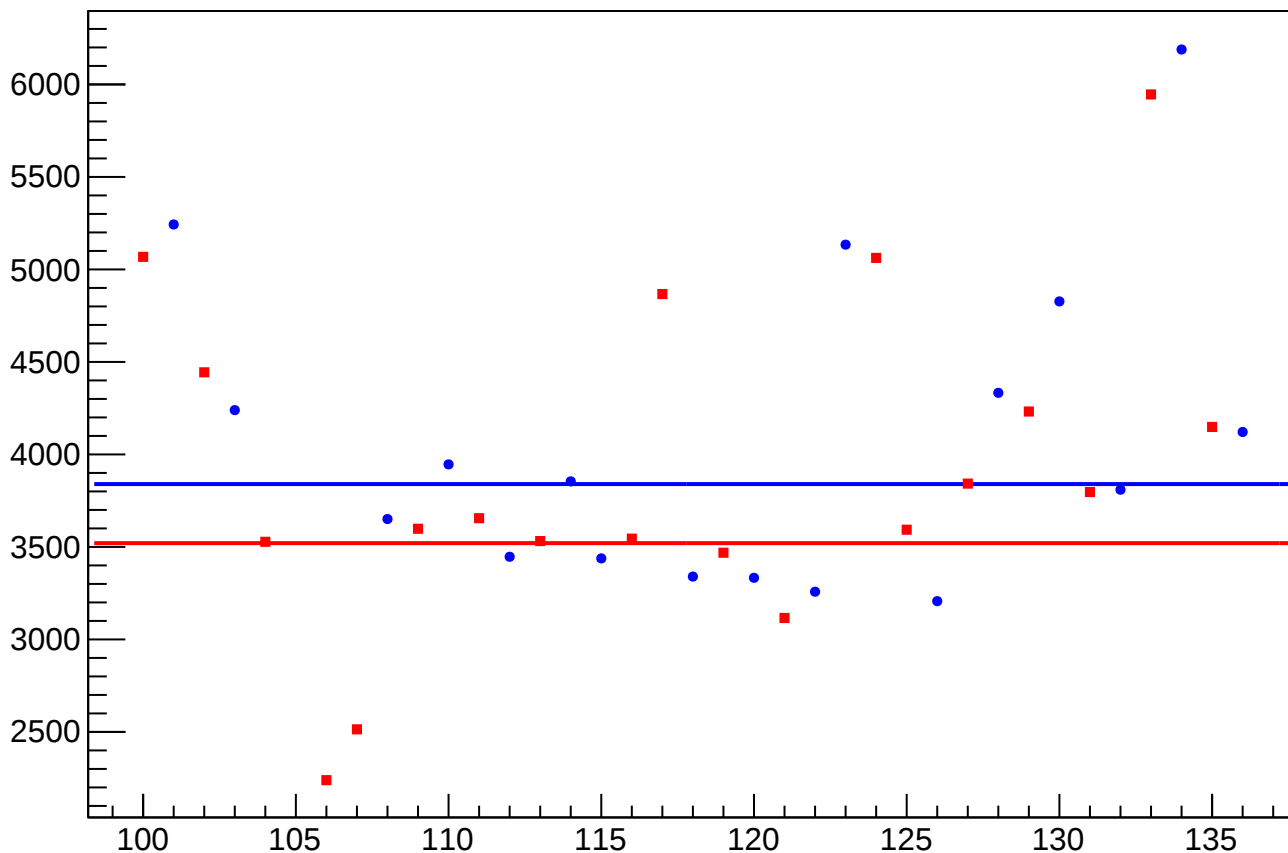
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-1692.604 $\pm$ 1512.935 χ^2 /NDF: 15.8/16

-1271.913 $\pm$ 1024.292 χ^2 /NDF: 30.0/35

-915.907 $\pm$ 1391.773 χ^2 /NDF: 14.0/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3520.545+/-0.975 χ^2/NDF : 555032.6/18

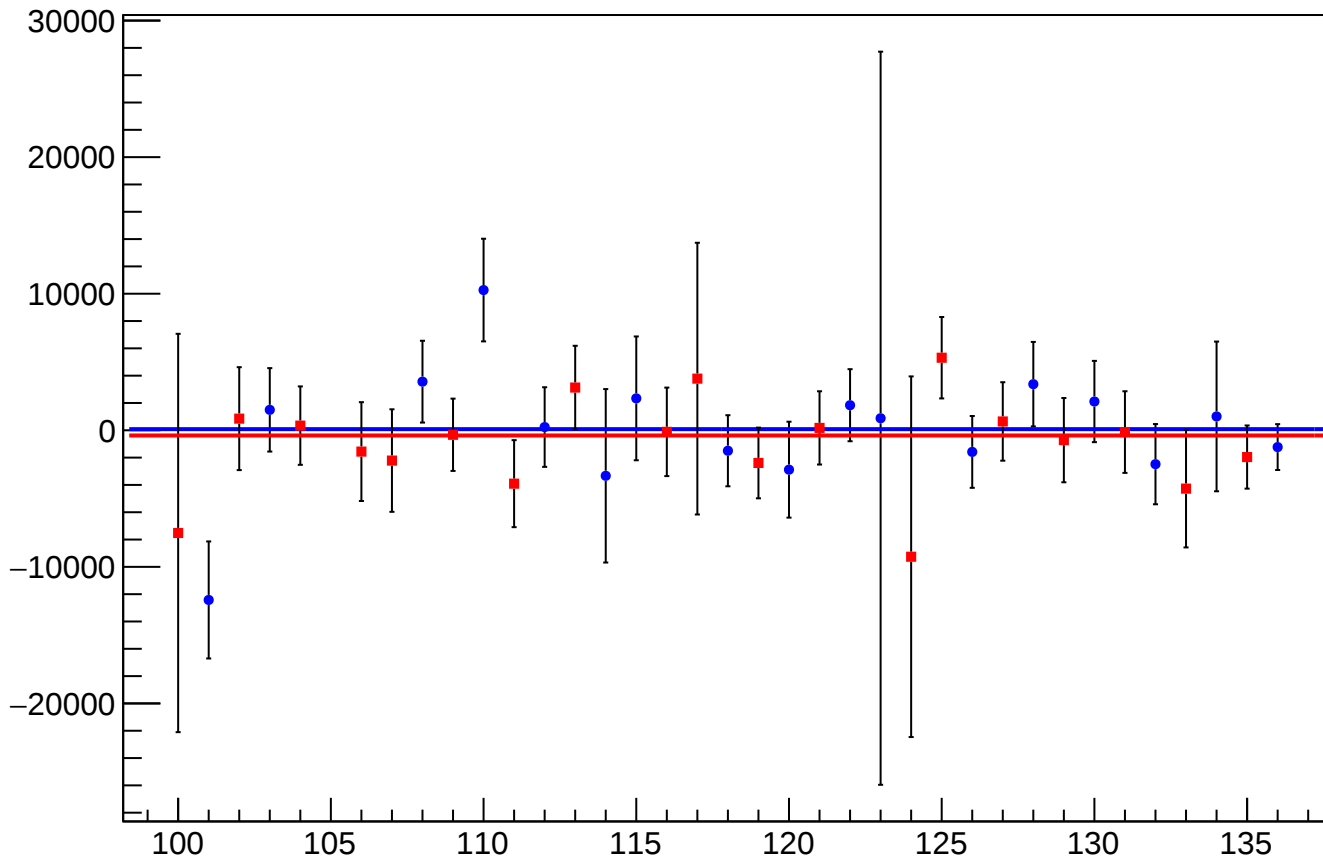
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3839.751+/-1.070 χ^2/NDF : 325959.2/16

3665.388+/-0.721 χ^2/NDF : 929625.7/35

3520.545+/-0.975 χ^2/NDF : 555032.6/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -379.519+/-748.857 χ^2/NDF : 9.7/18

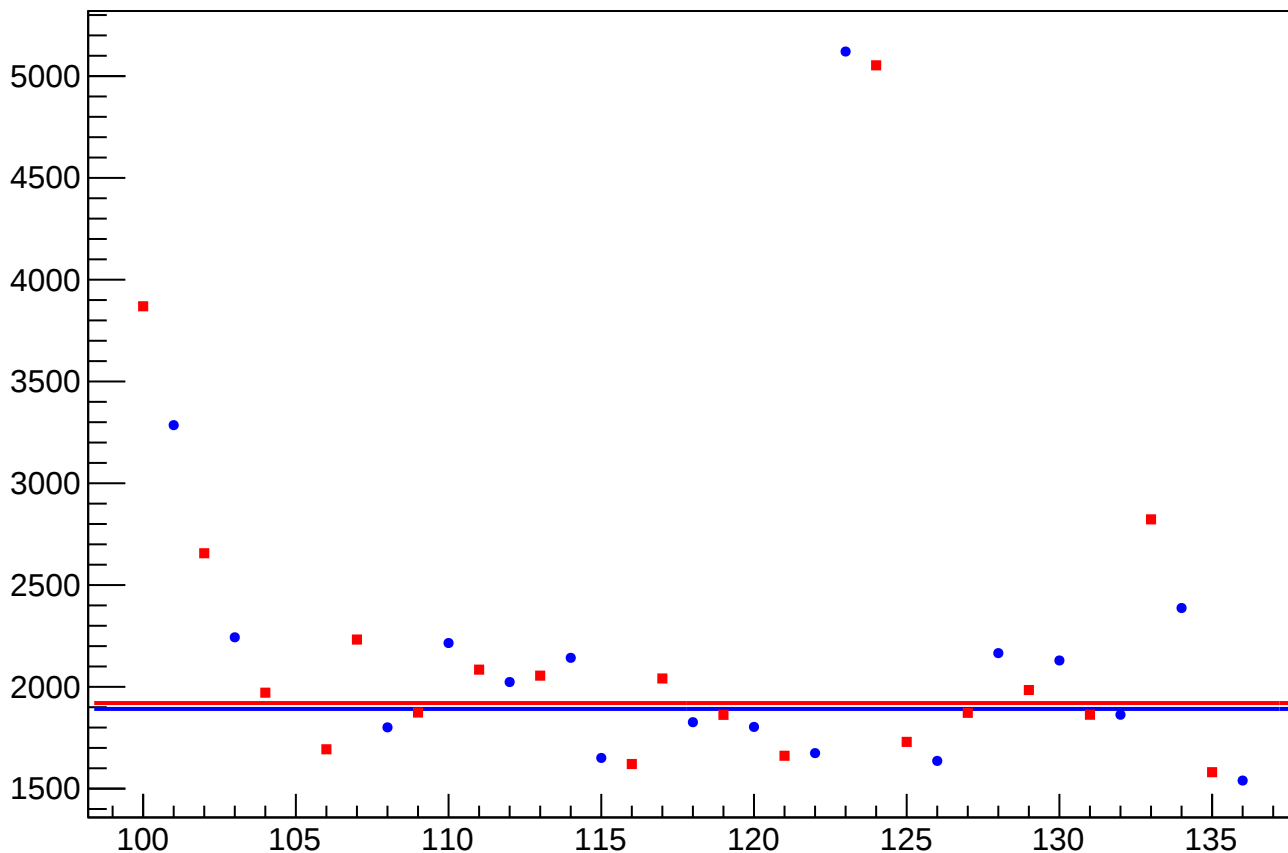
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

83.860+/-750.549 χ^2/NDF : 22.9/16

-148.353+/-530.119 χ^2/NDF : 32.7/35

-379.519+/-748.857 χ^2/NDF : 9.7/18

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: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1920.481+/-0.530 χ^2 /NDF: 435130.1/18

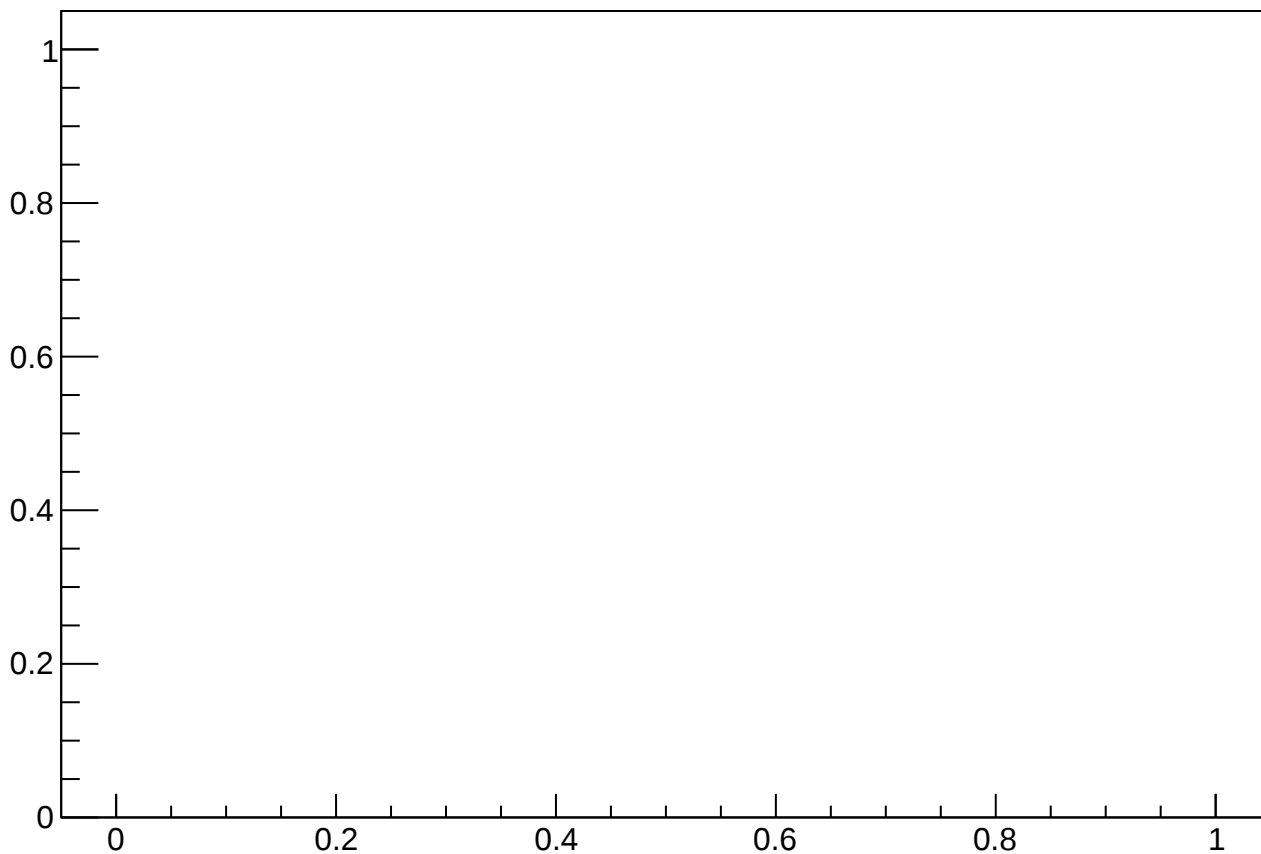
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

1891.492+/-0.531 χ^2 /NDF: 464497.5/16

1906.020+/-0.375 χ^2 /NDF: 901122.8/35

1920.481+/-0.530 χ^2 /NDF: 435130.1/18

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

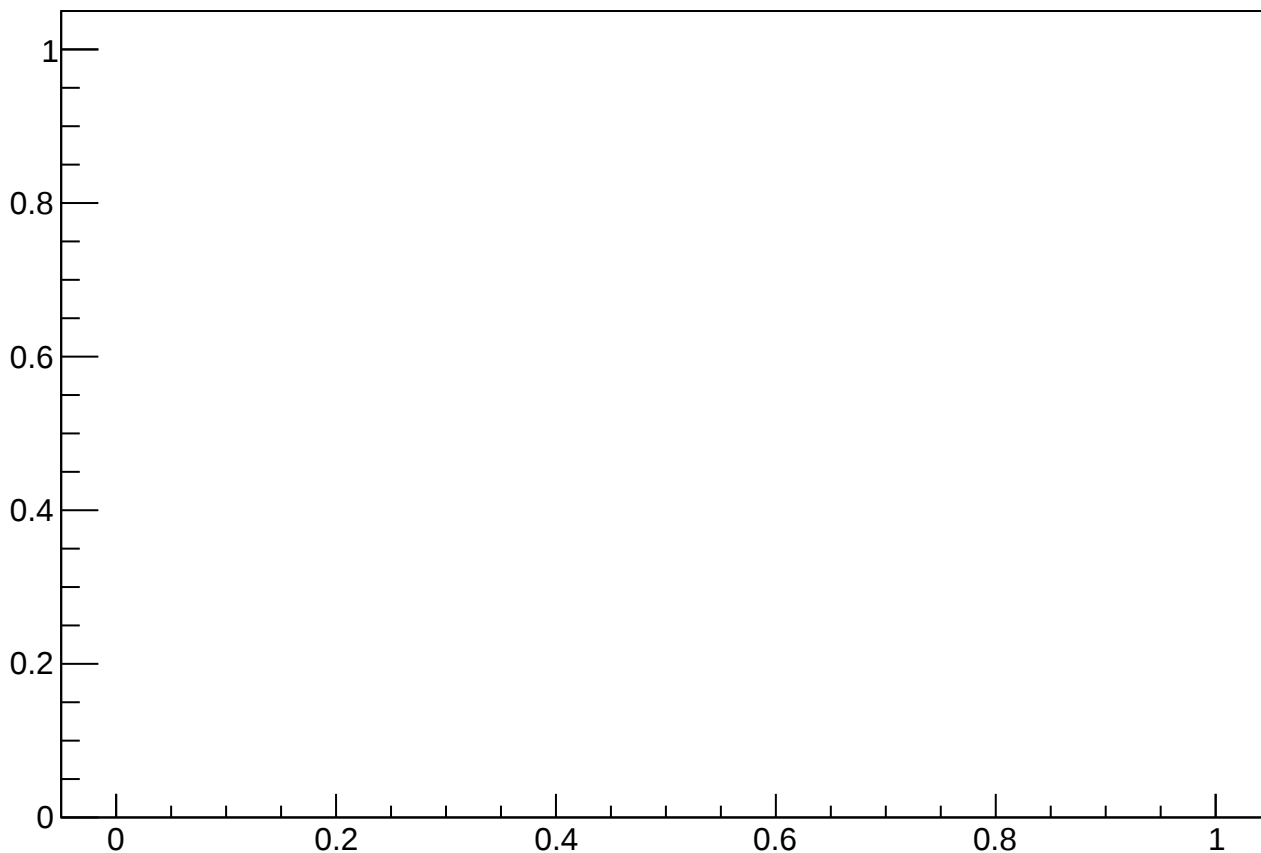
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

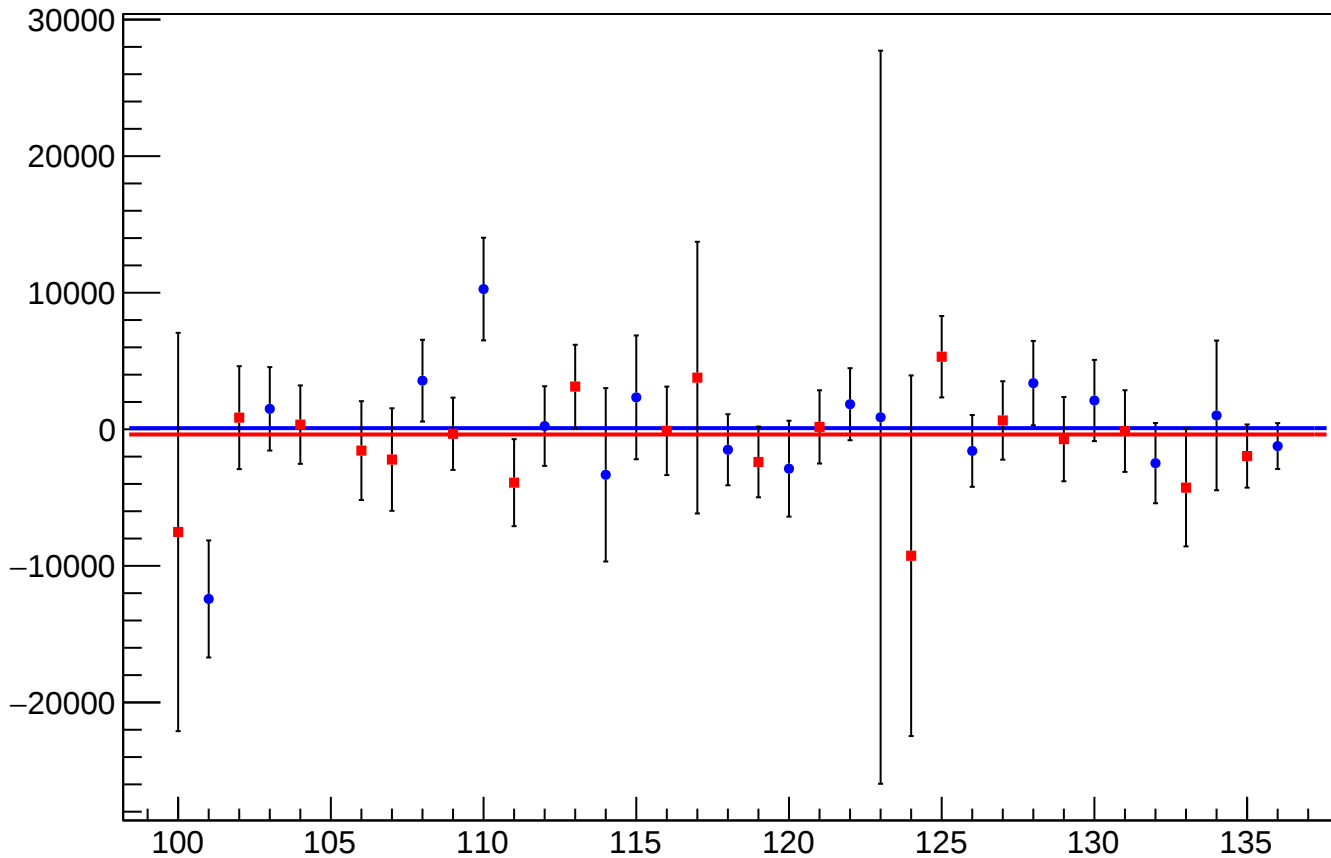
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -379.519+/-748.857 χ^2/NDF : 9.7/18

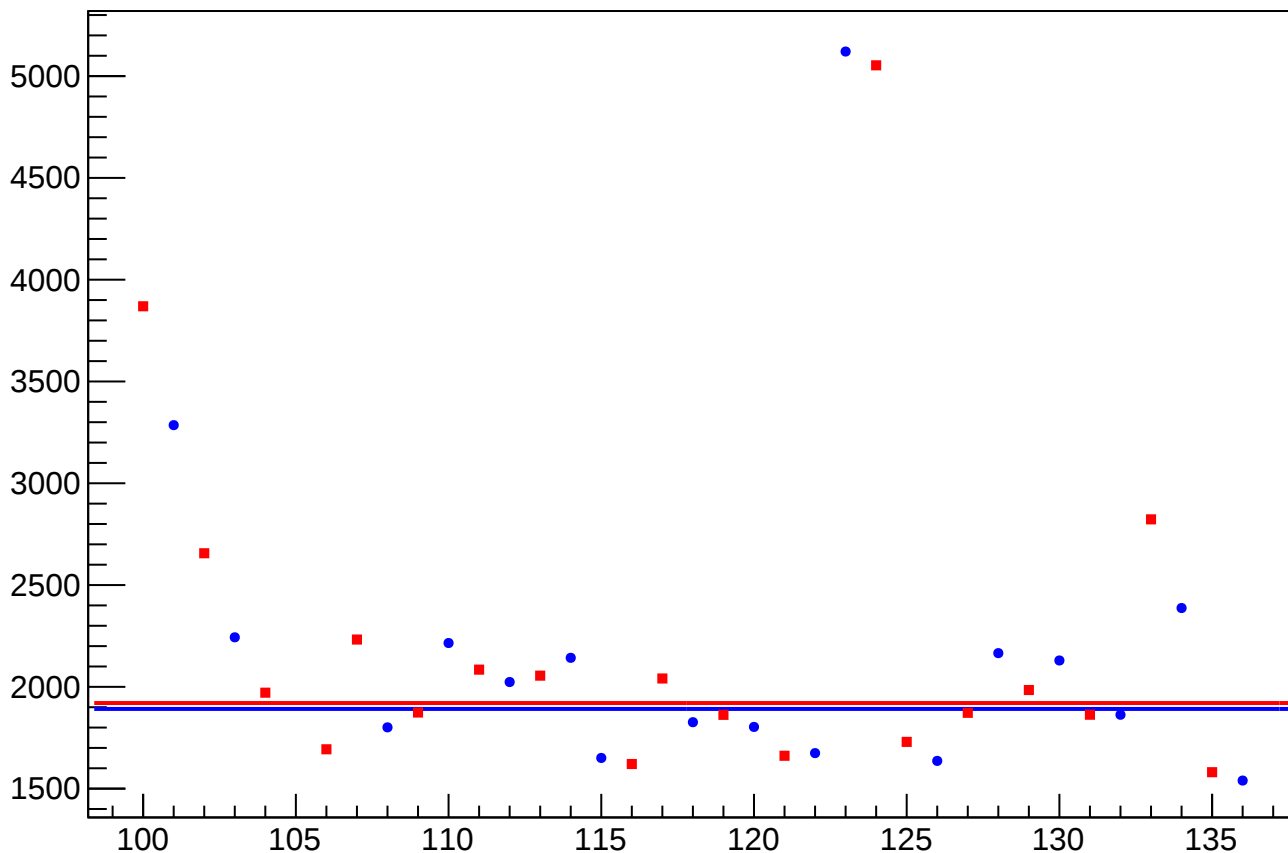
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

83.860+/-750.549 χ^2/NDF : 22.9/16

-148.353+/-530.119 χ^2/NDF : 32.7/35

-379.519+/-748.857 χ^2/NDF : 9.7/18

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: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1920.481+/-0.530 χ^2 /NDF: 435130.1/18

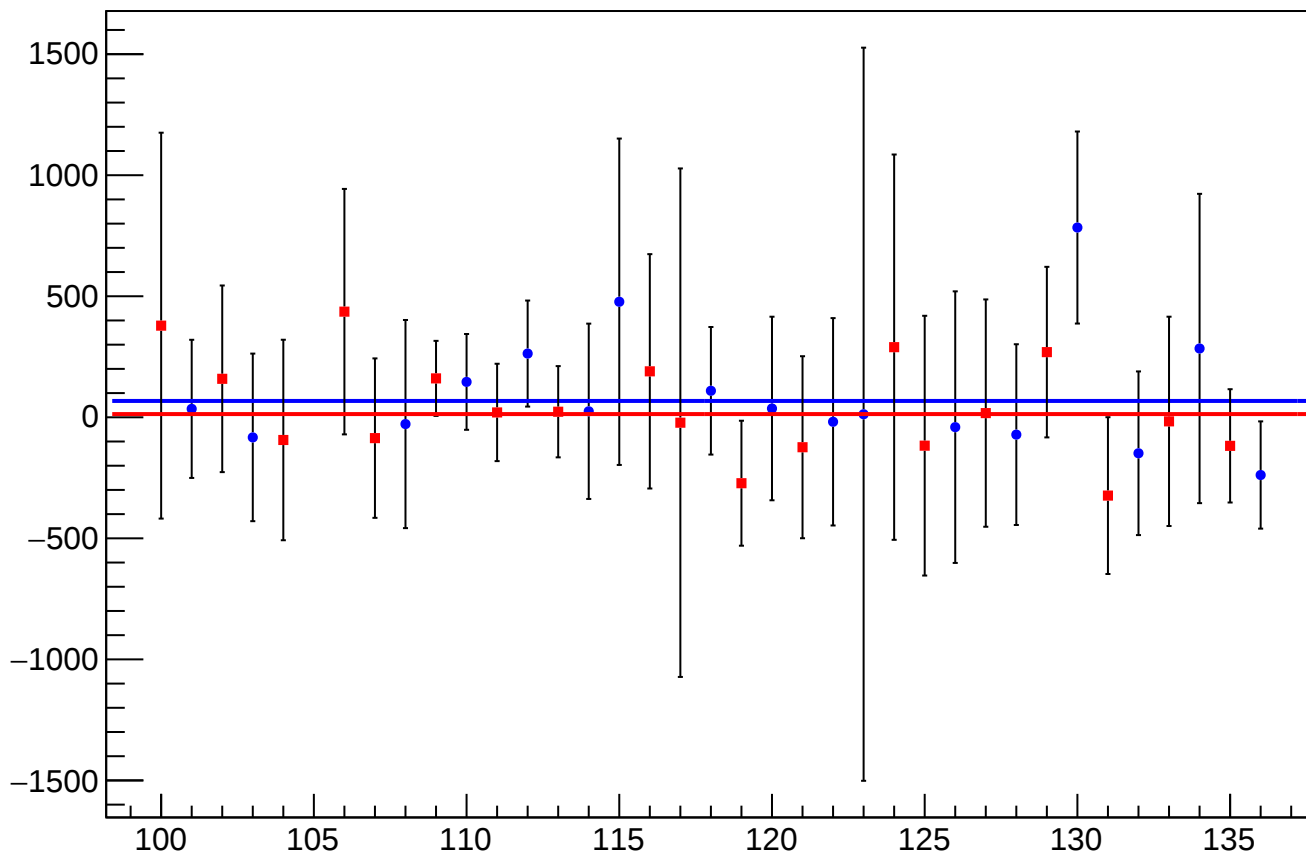
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

1891.492+/-0.531 χ^2 /NDF: 464497.5/16

1906.020+/-0.375 χ^2 /NDF: 901122.8/35

1920.481+/-0.530 χ^2 /NDF: 435130.1/18

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.291 $\pm$ 70.747 χ^2 /NDF: 5.7/18

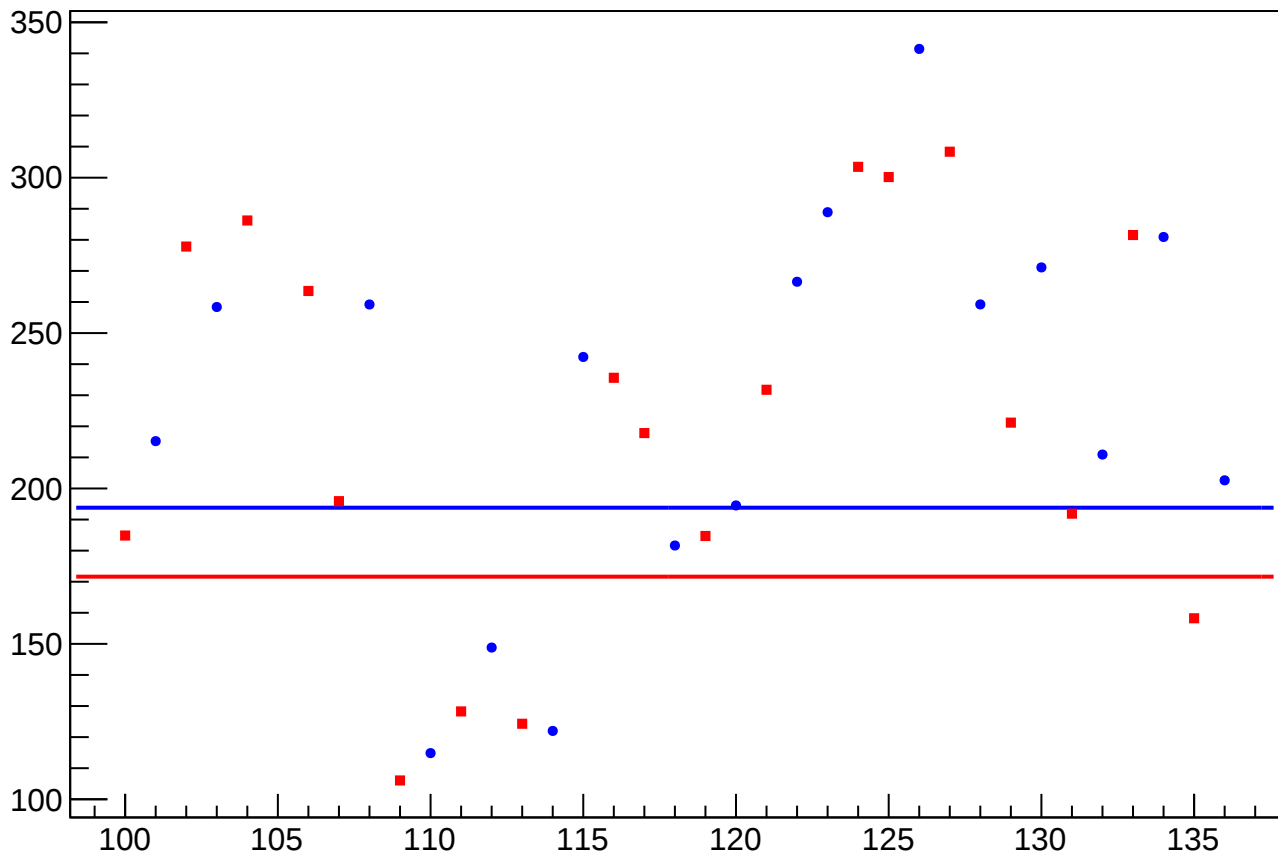
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

67.542 $\pm$ 79.608 χ^2 /NDF: 7.5/16

37.230 $\pm$ 52.882 χ^2 /NDF: 13.5/35

13.291 $\pm$ 70.747 χ^2 /NDF: 5.7/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.629+/-0.050 χ^2/NDF : 1576990.5/18

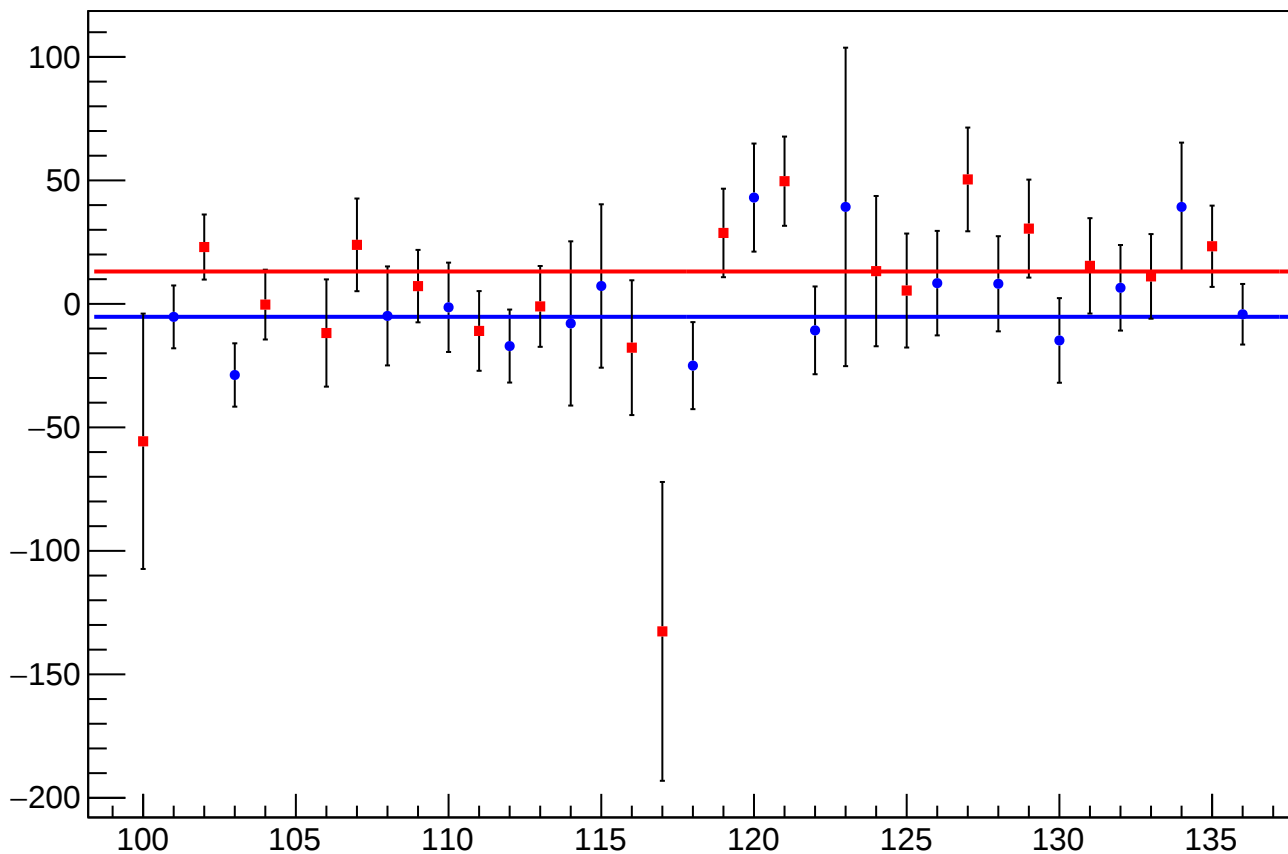
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

193.815+/-0.056 χ^2/NDF : 1010325.5/16

181.419+/-0.037 χ^2/NDF : 2674108.4/35

171.629+/-0.050 χ^2/NDF : 1576990.5/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.118+/-4.316 χ^2/NDF : 24.4/18

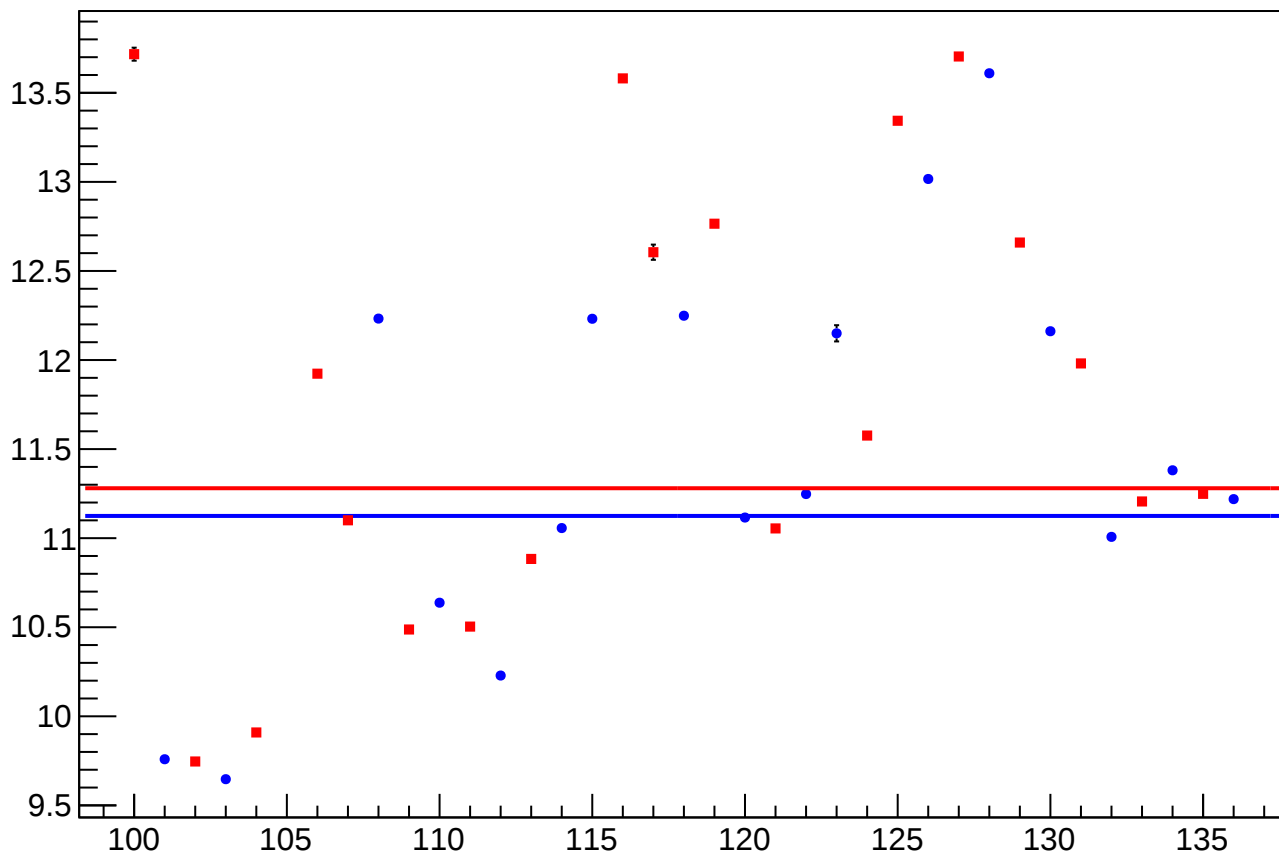
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.231+/-4.356 χ^2/NDF : 15.5/16

4.028+/-3.066 χ^2/NDF : 48.8/35

13.118+/-4.316 χ^2/NDF : 24.4/18

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 11.125+/-0.003 χ^2/NDF : 132520.1/16

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

Right Out: 11.280+/-0.003 χ^2/NDF : 148357.7/18

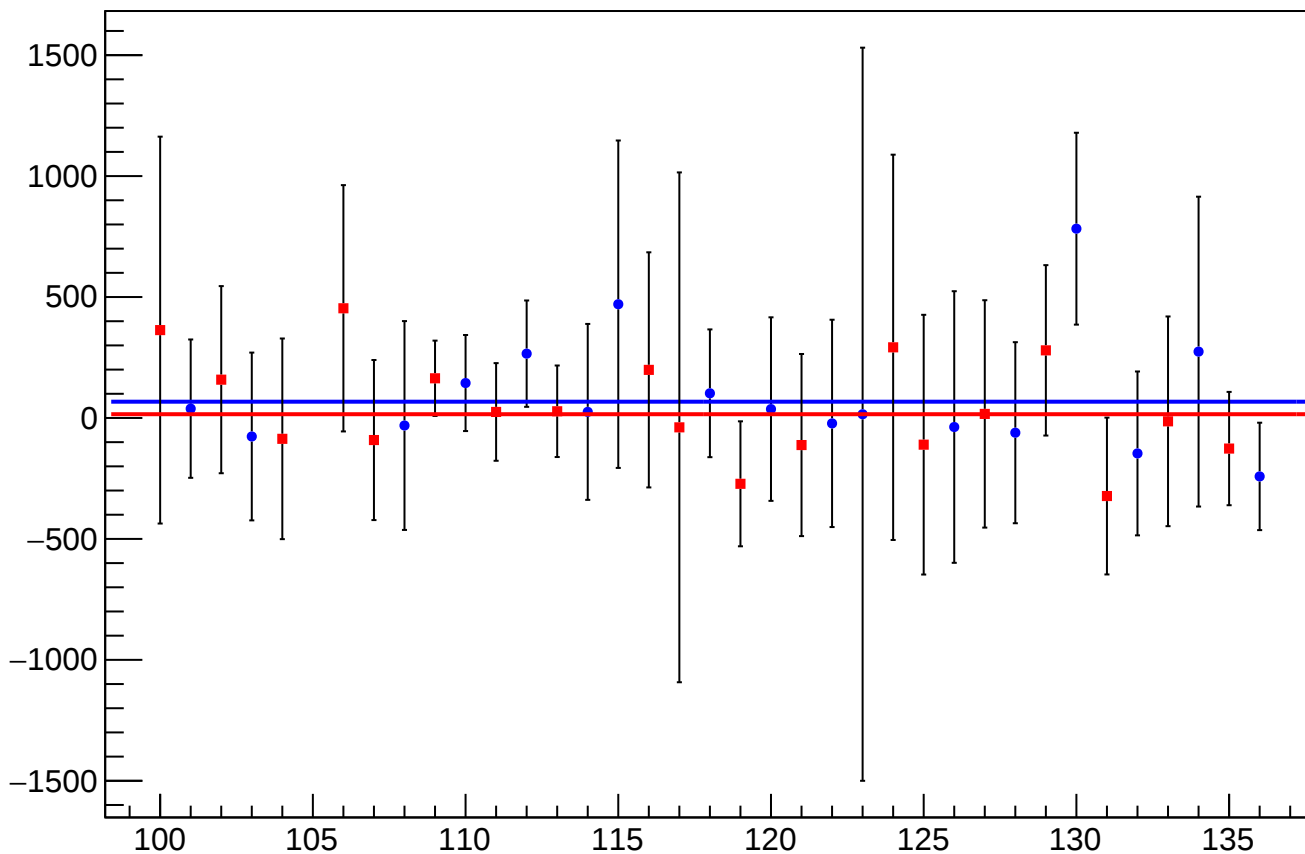
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11.125+/-0.003 χ^2/NDF : 132520.1/16

11.203+/-0.002 χ^2/NDF : 282162.8/35

11.280+/-0.003 χ^2/NDF : 148357.7/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.555+/-70.953 χ^2/NDF : 5.8/18

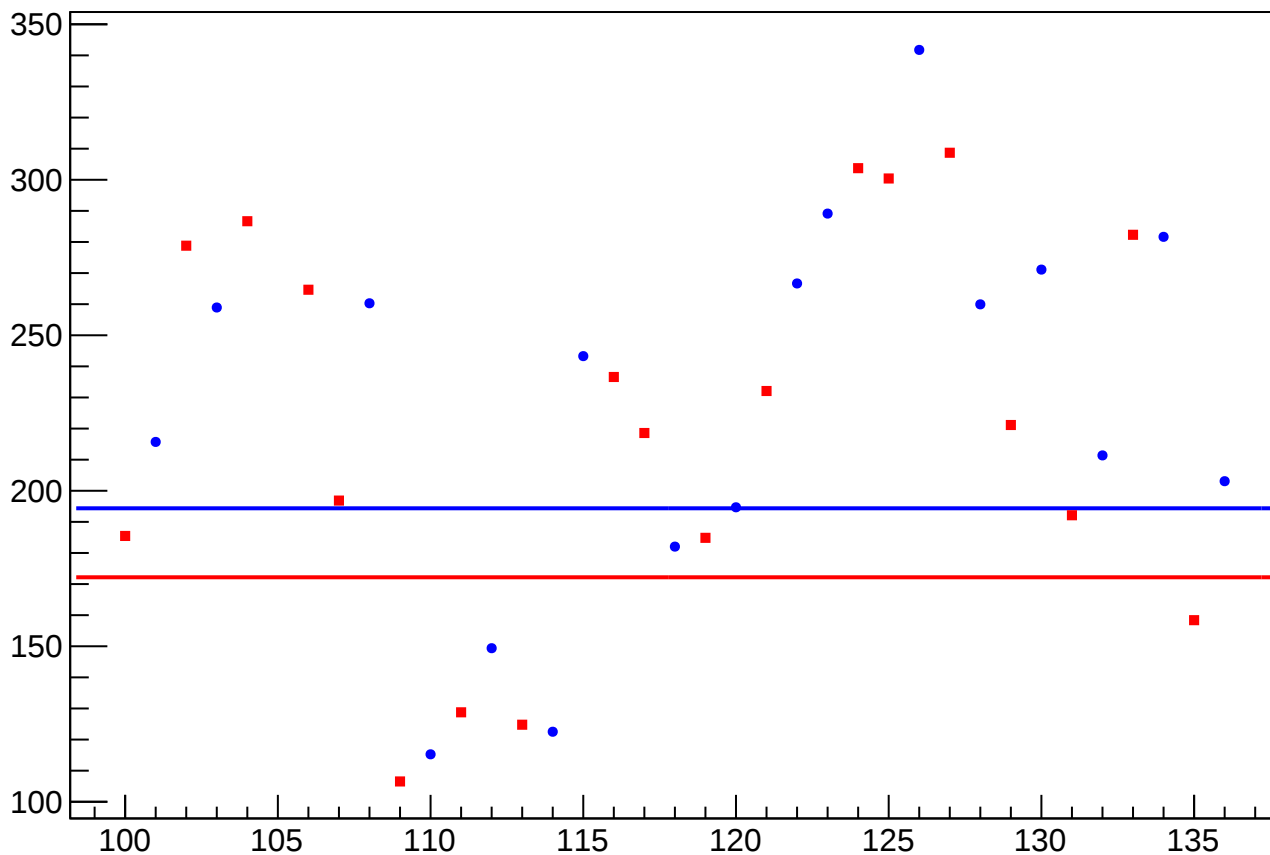
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

67.305+/-79.817 χ^2/NDF : 7.5/16

38.398+/-53.029 χ^2/NDF : 13.6/35

15.555+/-70.953 χ^2/NDF : 5.8/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.183+/-0.050 χ^2/NDF : 1569626.6/18

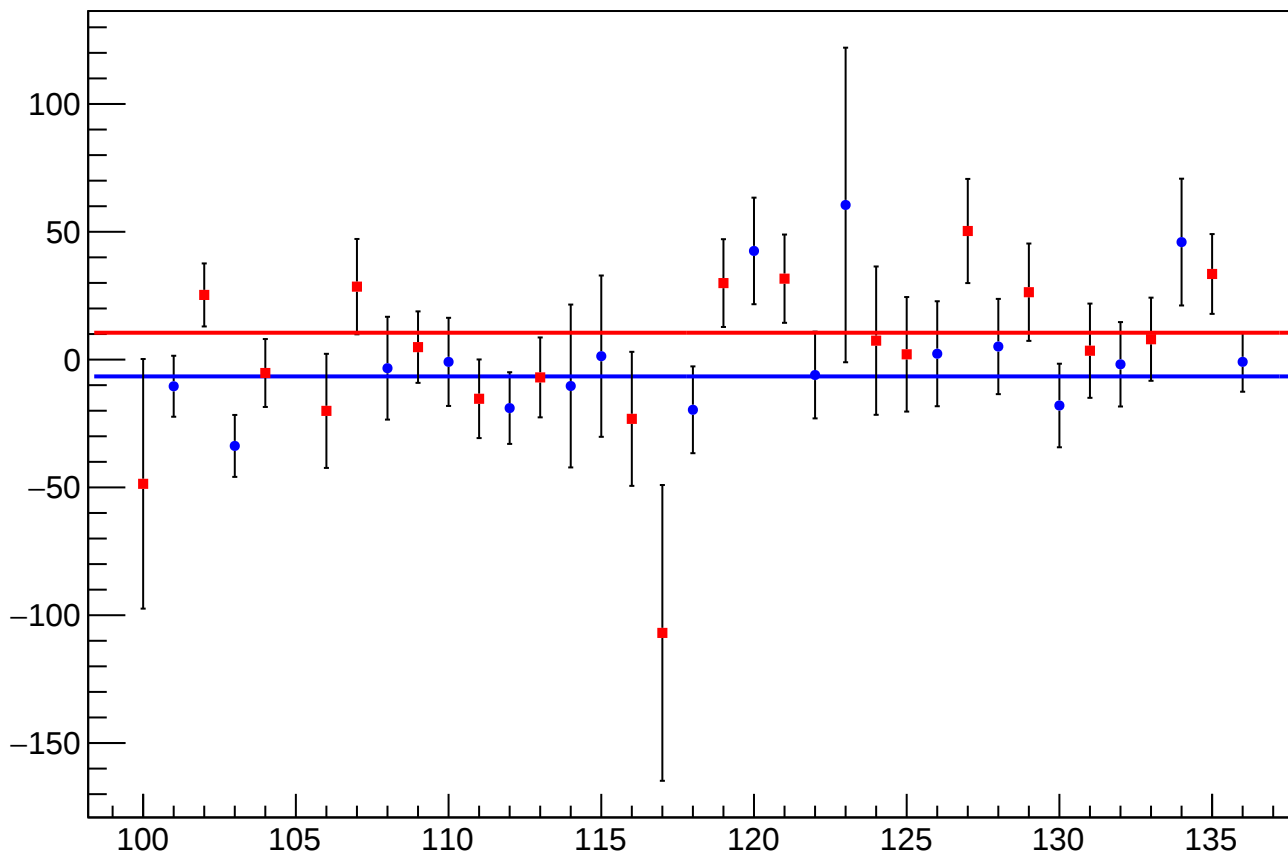
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

194.365+/-0.056 χ^2/NDF : 1005234.4/16

181.974+/-0.037 χ^2/NDF : 2661145.8/35

172.183+/-0.050 χ^2/NDF : 1569626.6/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.513+/-4.129 χ^2/NDF : 26.9/18

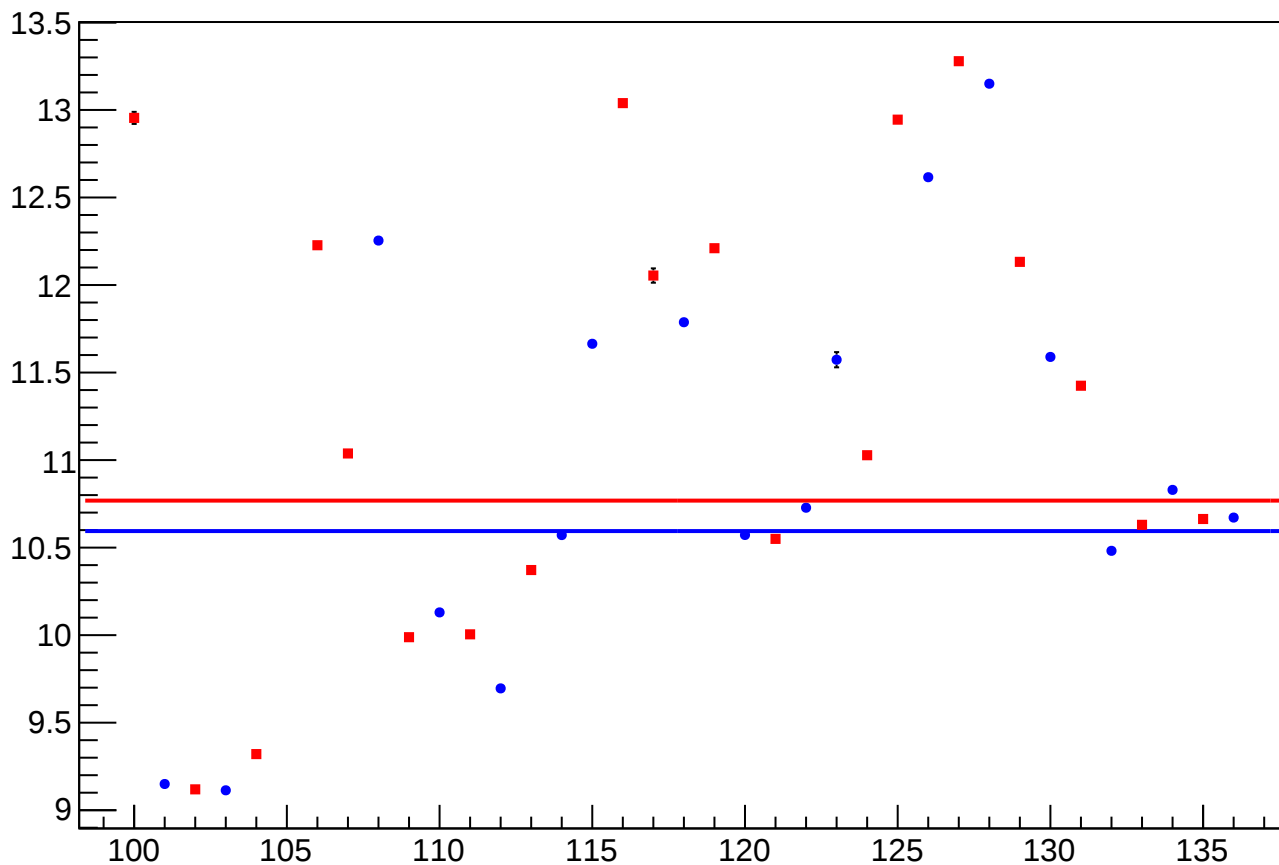
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.575+/-4.157 χ^2/NDF : 19.3/16

2.026+/-2.930 χ^2/NDF : 54.7/35

10.513+/-4.129 χ^2/NDF : 26.9/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.769+/-0.003 χ^2/NDF : 177769.2/18

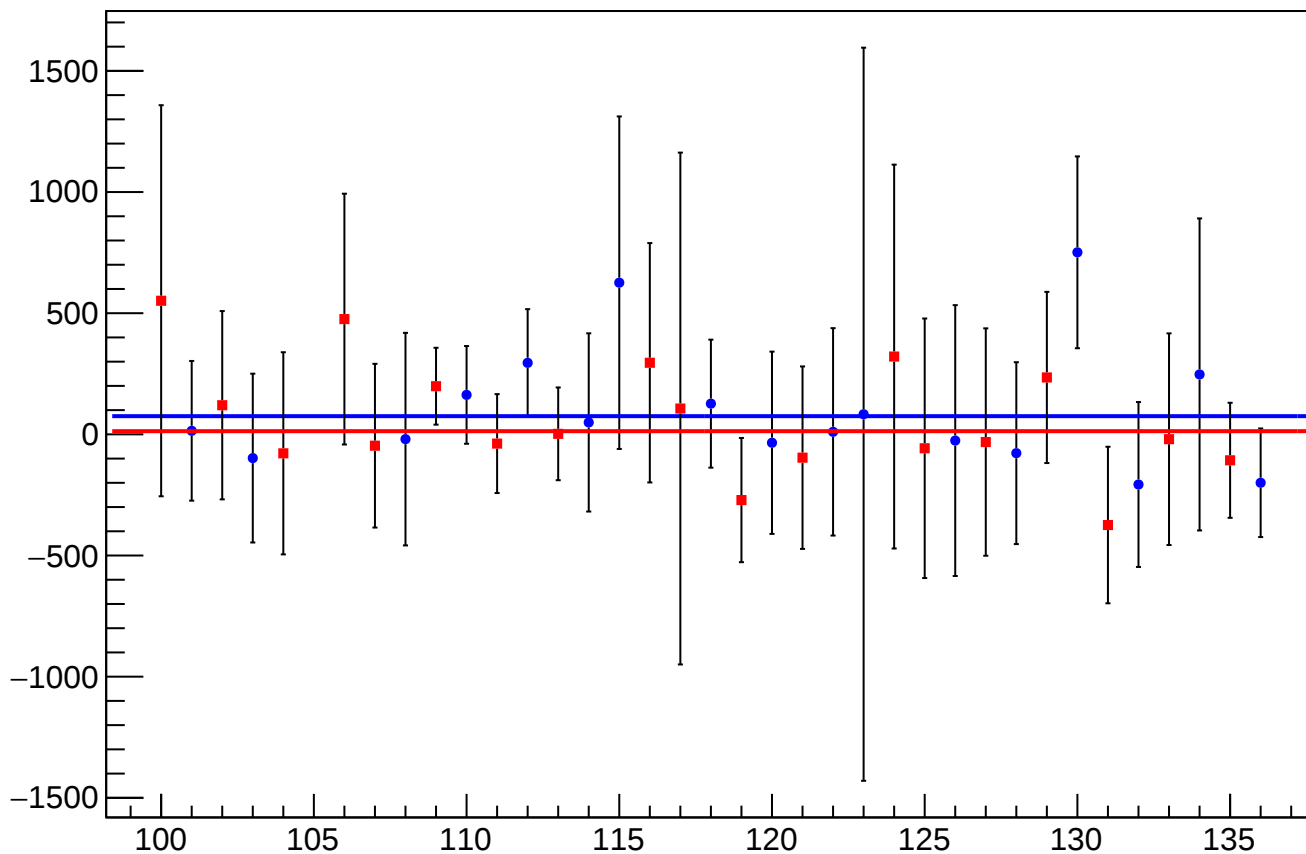
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.594+/-0.003 χ^2/NDF : 160059.2/16

10.682+/-0.002 χ^2/NDF : 339592.5/35

10.769+/-0.003 χ^2/NDF : 177769.2/18

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 75.086+/-80.352 χ^2/NDF : 7.7/16

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

Right Out: 13.142+/-71.627 χ^2/NDF : 6.8/18

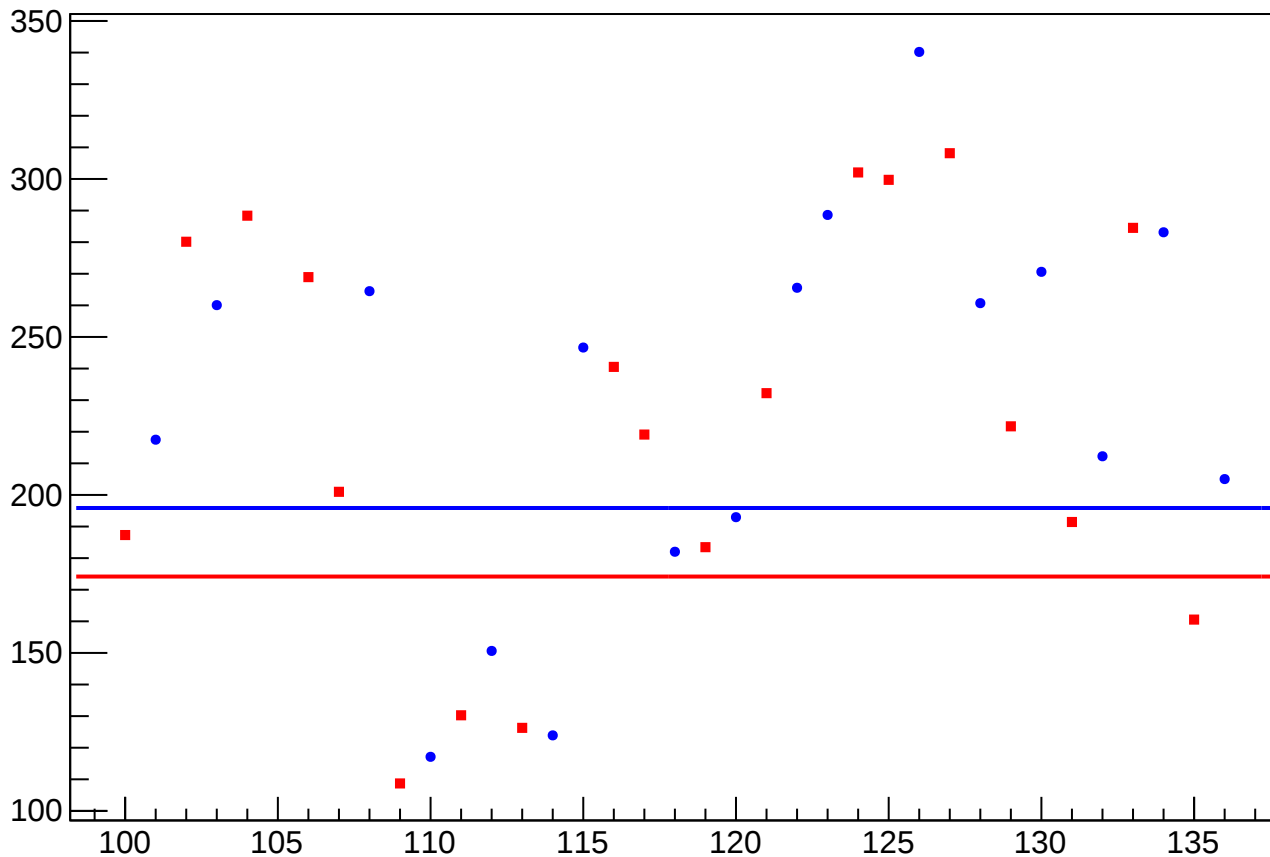
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

75.086+/-80.352 χ^2/NDF : 7.7/16

40.570+/-53.467 χ^2/NDF : 14.8/35

13.142+/-71.627 χ^2/NDF : 6.8/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.175+/-0.051 χ^2/NDF : 1528586.3/18

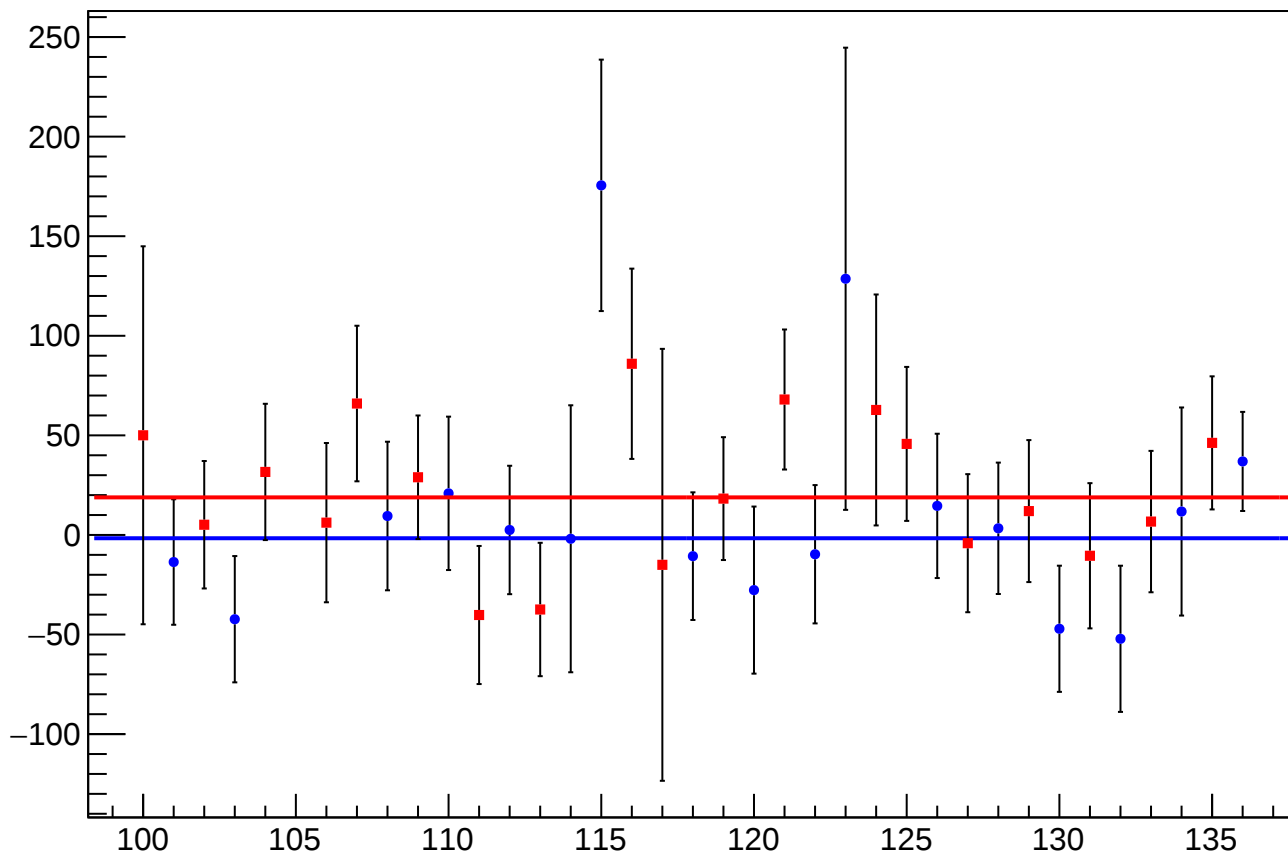
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

195.869+/-0.057 χ^2/NDF : 979247.4/16

183.780+/-0.038 χ^2/NDF : 2589071.4/35

174.175+/-0.051 χ^2/NDF : 1528586.3/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.861+/-8.640 χ^2/NDF : 14.8/18

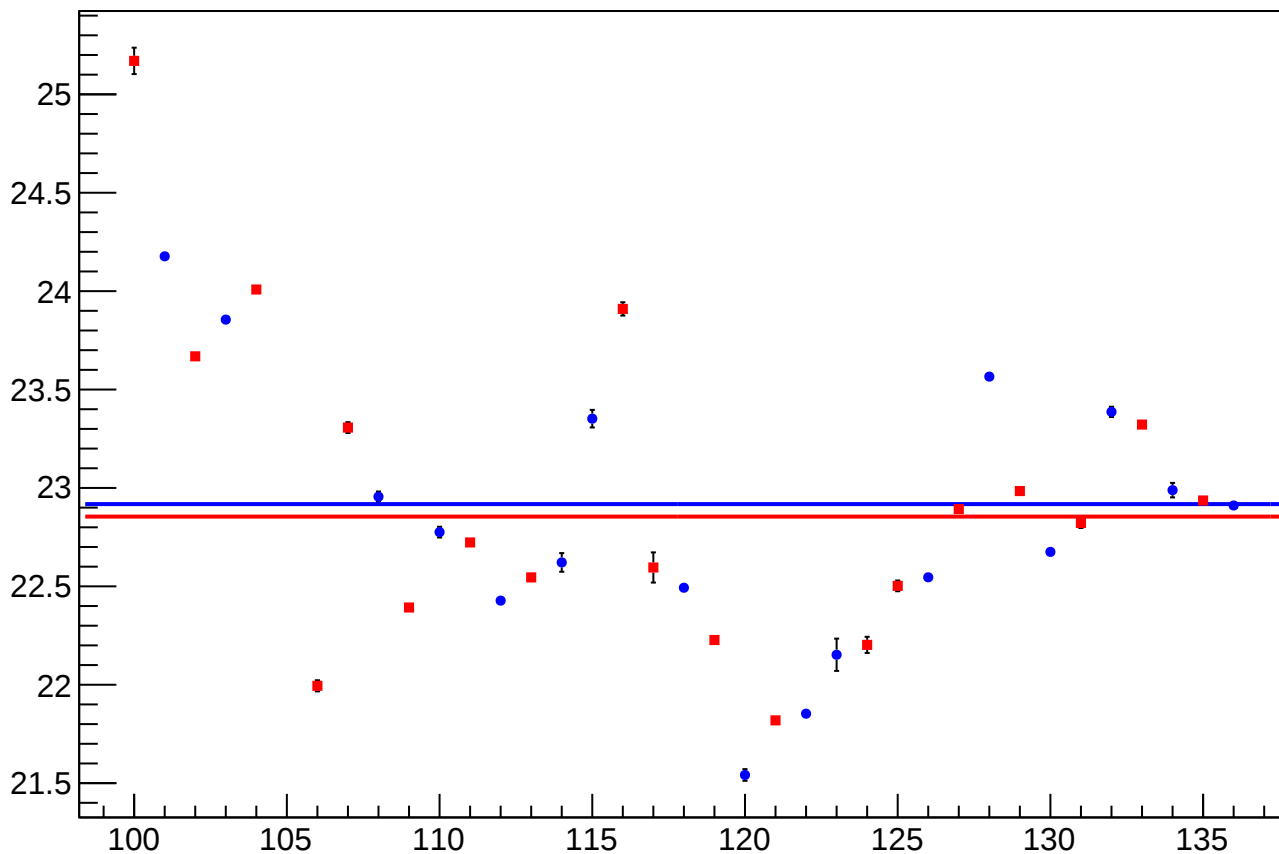
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.654+/-8.881 χ^2/NDF : 18.5/16

8.886+/-6.193 χ^2/NDF : 36.1/35

18.861+/-8.640 χ^2/NDF : 14.8/18

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.918 ± 0.006 $\chi^2/\text{NDF}: 11472.2/16$

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

Right Out: 22.854 ± 0.006 $\chi^2/\text{NDF}: 10953.9/18$

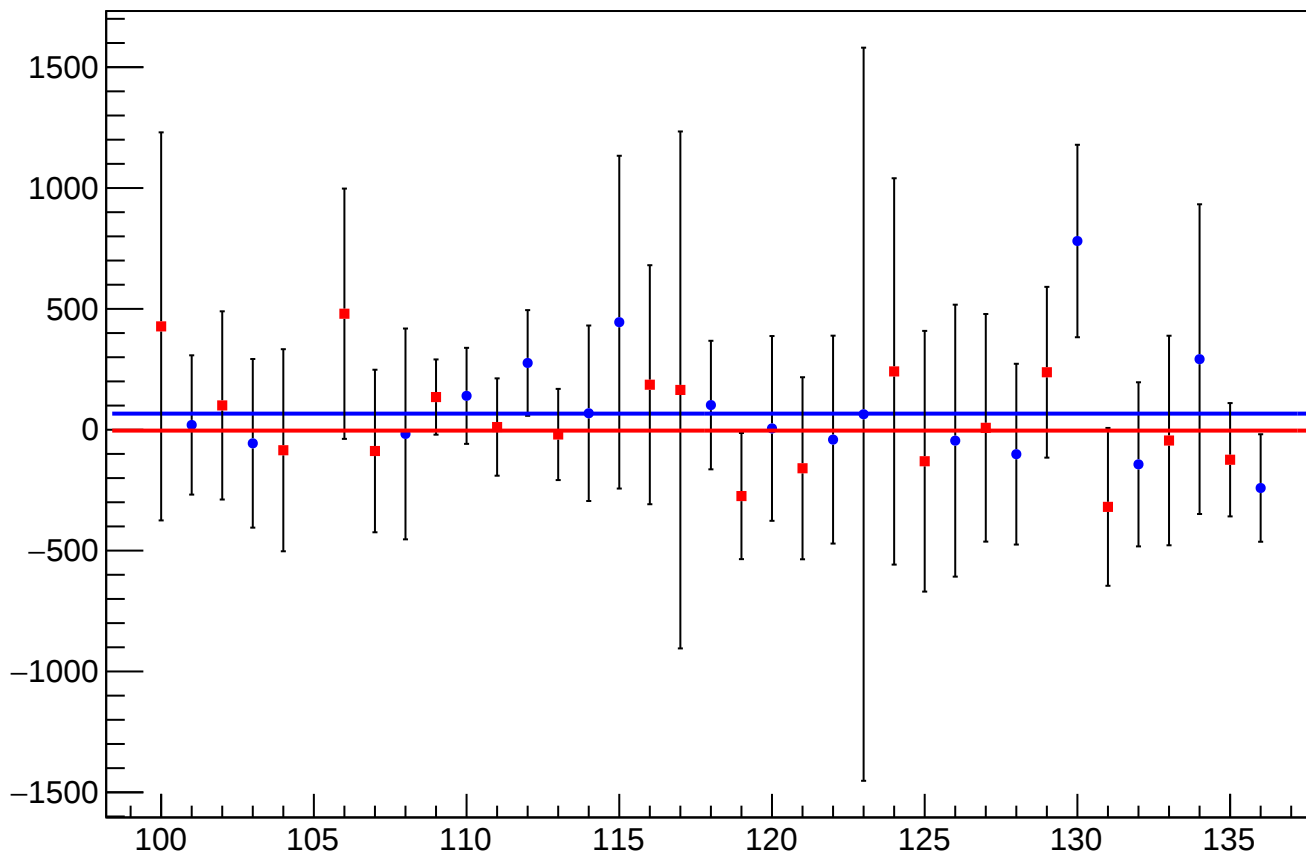
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

22.918 ± 0.006 $\chi^2/\text{NDF}: 11472.2/16$

22.885 ± 0.004 $\chi^2/\text{NDF}: 22478.5/35$

22.854 ± 0.006 $\chi^2/\text{NDF}: 10953.9/18$

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 66.701+/-79.995 χ^2/NDF : 7.5/16

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

Right Out: -3.543+/-71.136 χ^2/NDF : 5.4/18

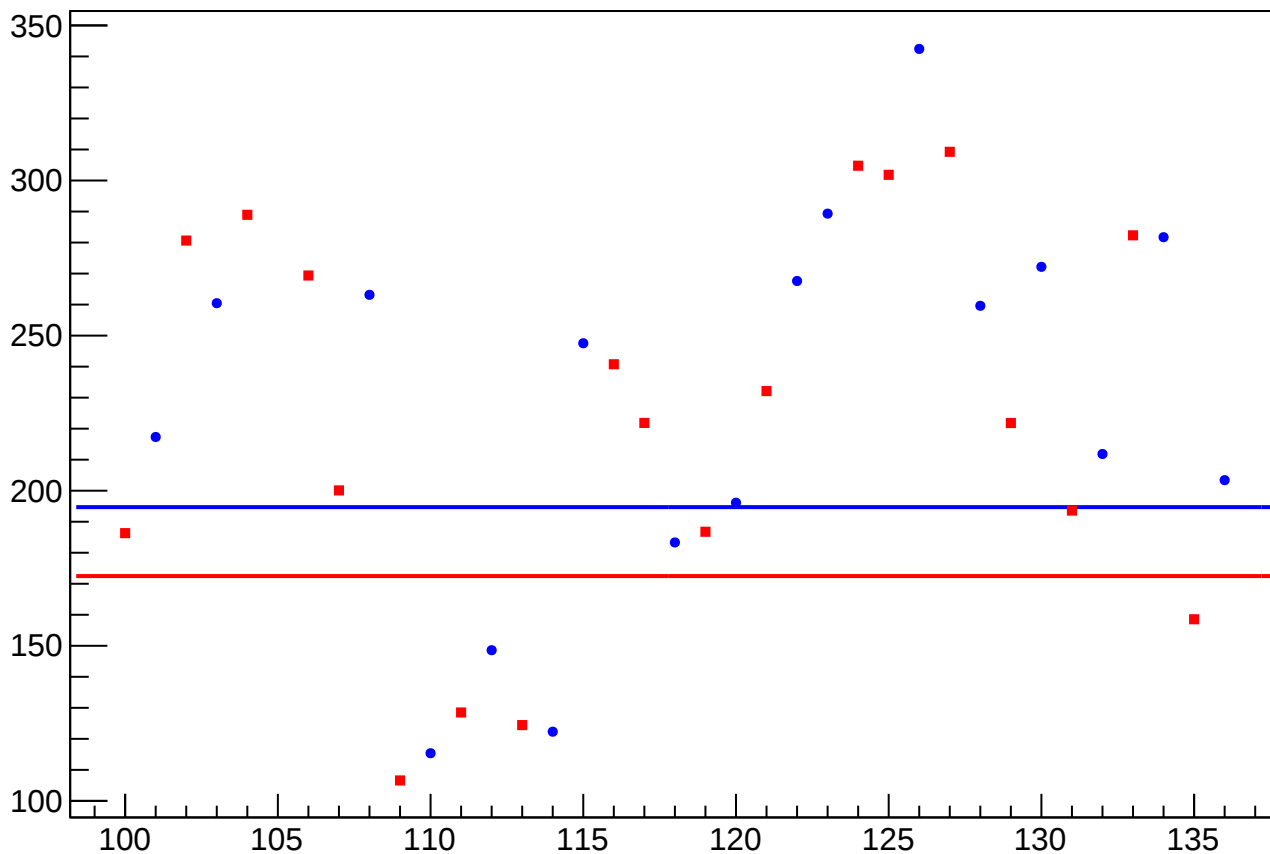
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

66.701+/-79.995 χ^2/NDF : 7.5/16

27.475+/-53.158 χ^2/NDF : 13.3/35

-3.543+/-71.136 χ^2/NDF : 5.4/18

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: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 172.475 ± 0.050 χ^2/NDF : 1597373.9/18

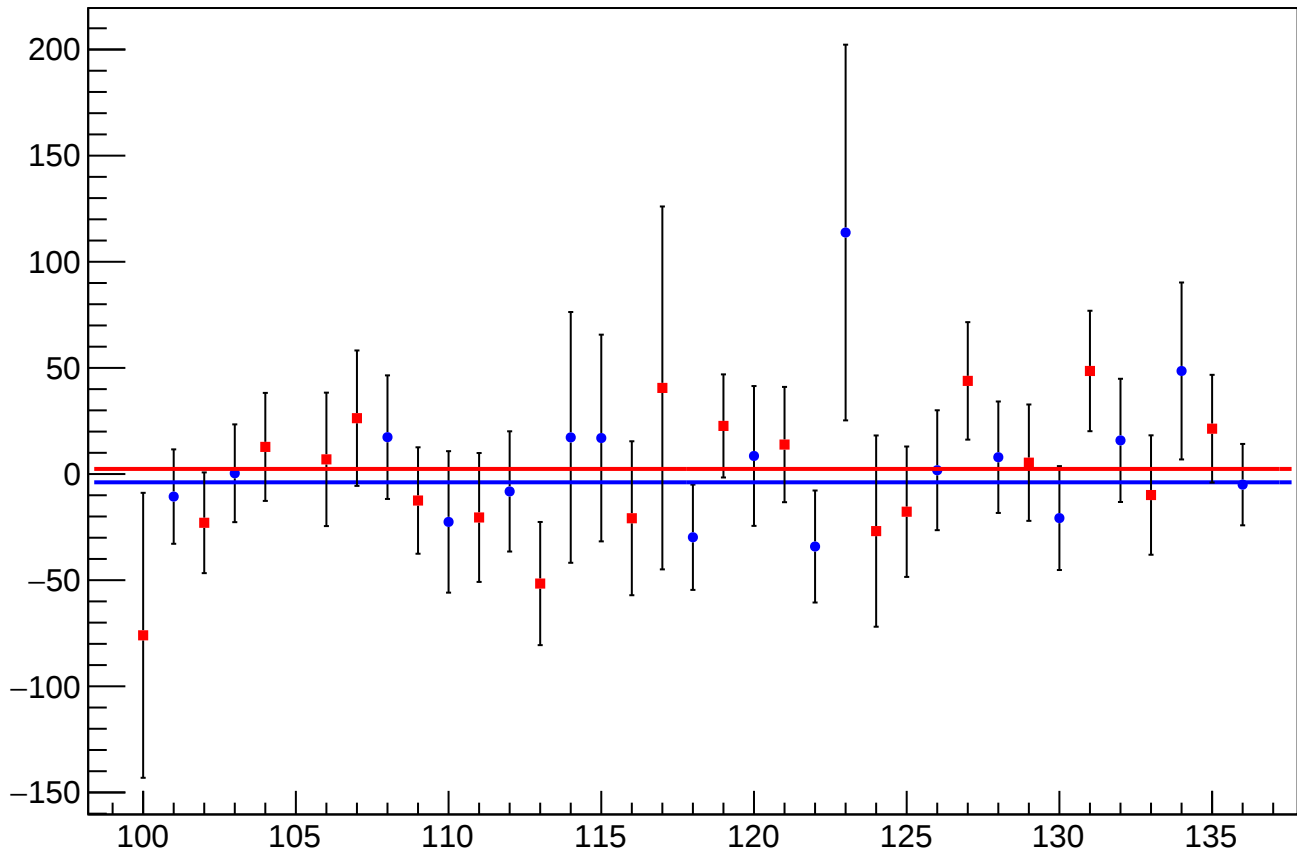
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

194.703 ± 0.057 χ^2/NDF : 1019872.4/16

182.290 ± 0.038 χ^2/NDF : 2703474.5/35

172.475 ± 0.050 χ^2/NDF : 1597373.9/18

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -3.894 $\pm$ 6.915 χ^2 /NDF: 8.4/16

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

Right Out: 2.408 $\pm$ 6.804 χ^2 /NDF: 15.6/18

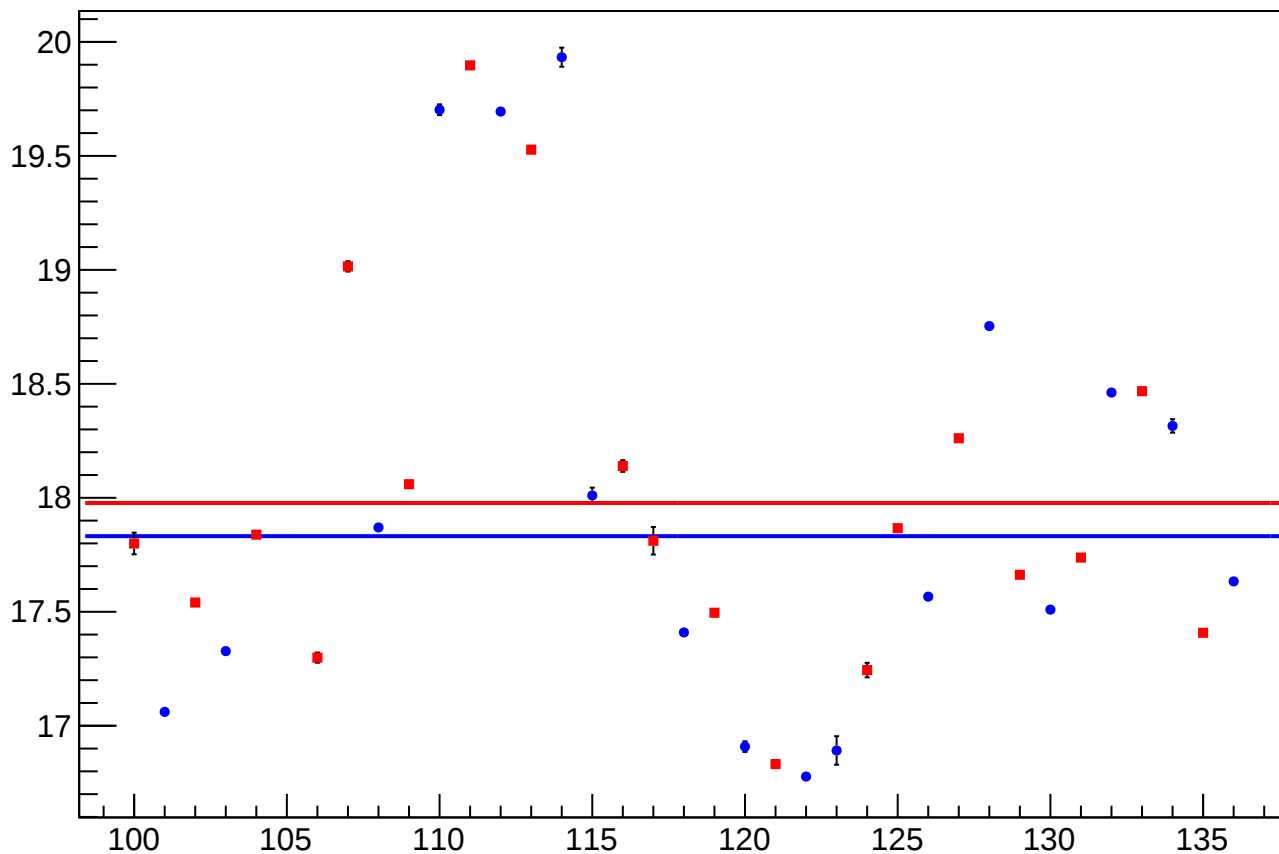
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-3.894 $\pm$ 6.915 χ^2 /NDF: 8.4/16

-0.692 $\pm$ 4.850 χ^2 /NDF: 24.4/35

2.408 $\pm$ 6.804 χ^2 /NDF: 15.6/18

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: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 17.977+/-0.005 χ^2 /NDF: 24705.6/18

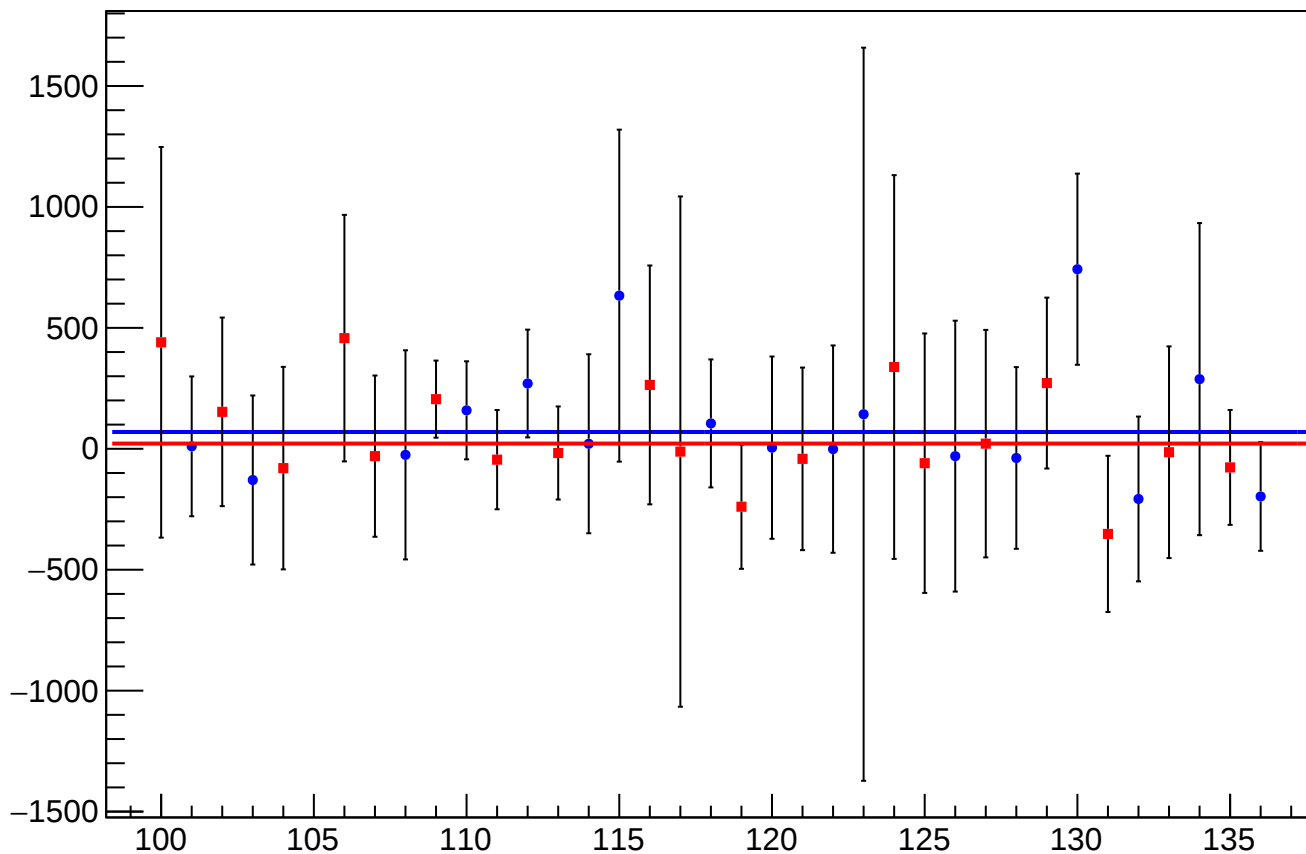
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

17.832+/-0.005 χ^2 /NDF: 30863.4/16

17.906+/-0.003 χ^2 /NDF: 56019.6/35

17.977+/-0.005 χ^2 /NDF: 24705.6/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.632+/-71.785 χ^2/NDF : 6.2/18

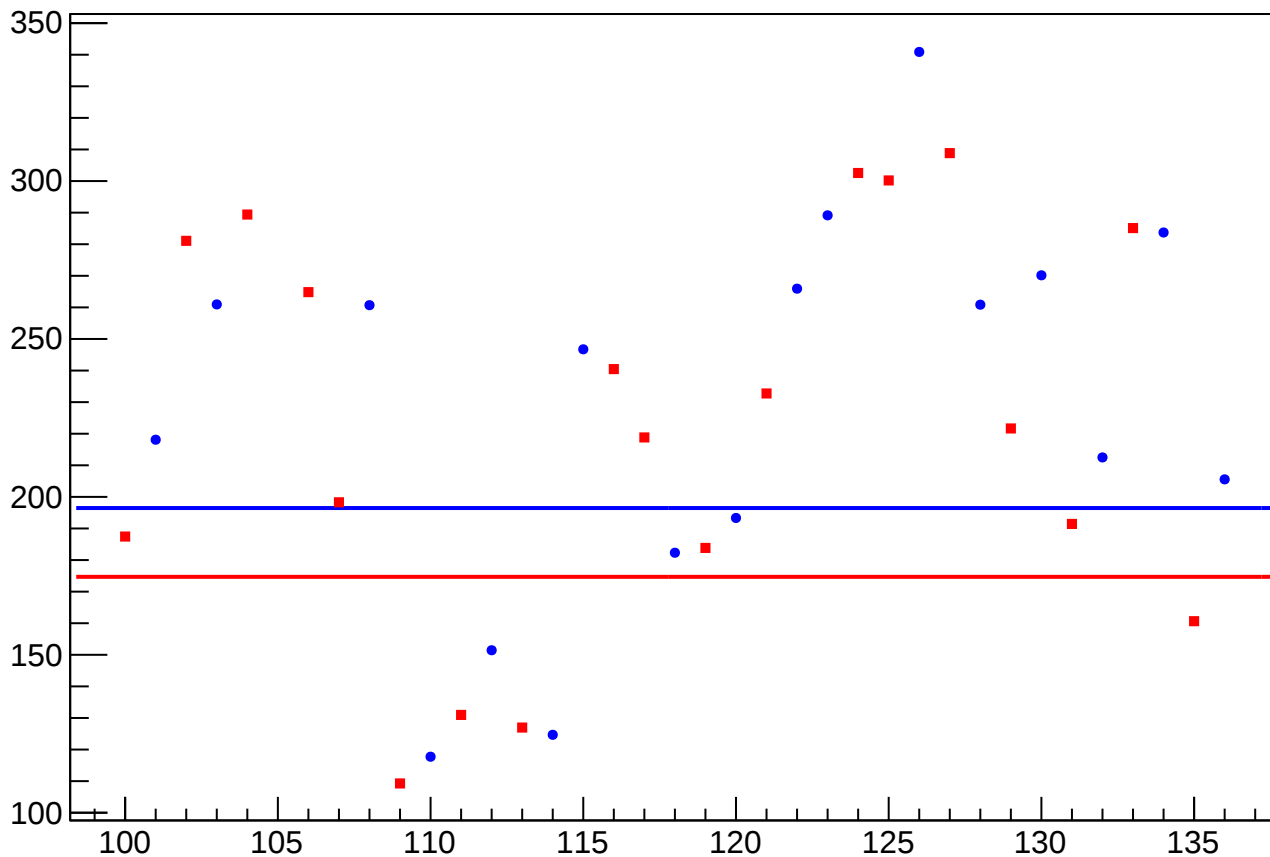
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

69.511+/-80.550 χ^2/NDF : 7.4/16

42.825+/-53.592 χ^2/NDF : 13.8/35

21.632+/-71.785 χ^2/NDF : 6.2/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.688+/-0.051 χ^2/NDF : 1510797.0/18

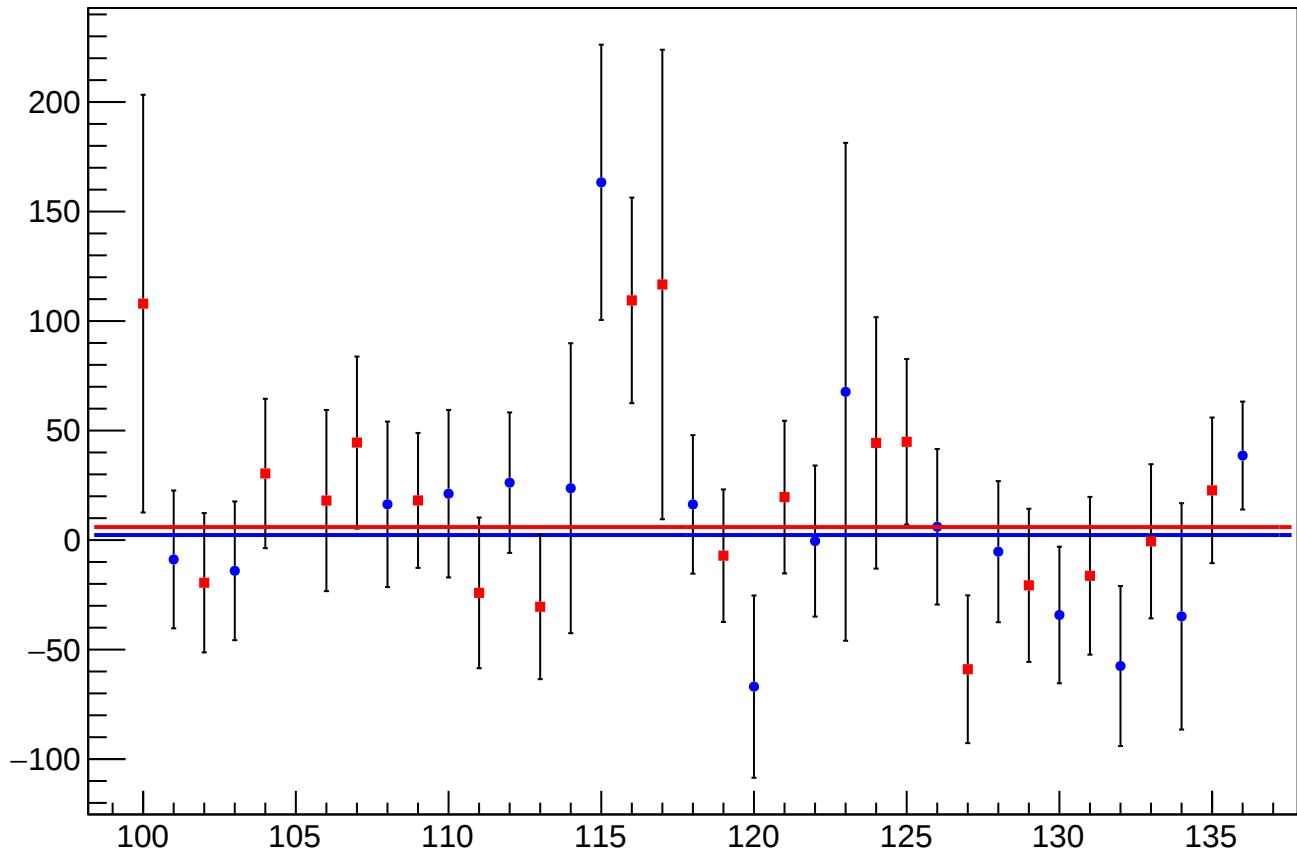
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

196.470+/-0.057 χ^2/NDF : 964281.5/16

184.330+/-0.038 χ^2/NDF : 2556594.6/35

174.688+/-0.051 χ^2/NDF : 1510797.0/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.938+/-8.561 χ^2/NDF : 18.2/18

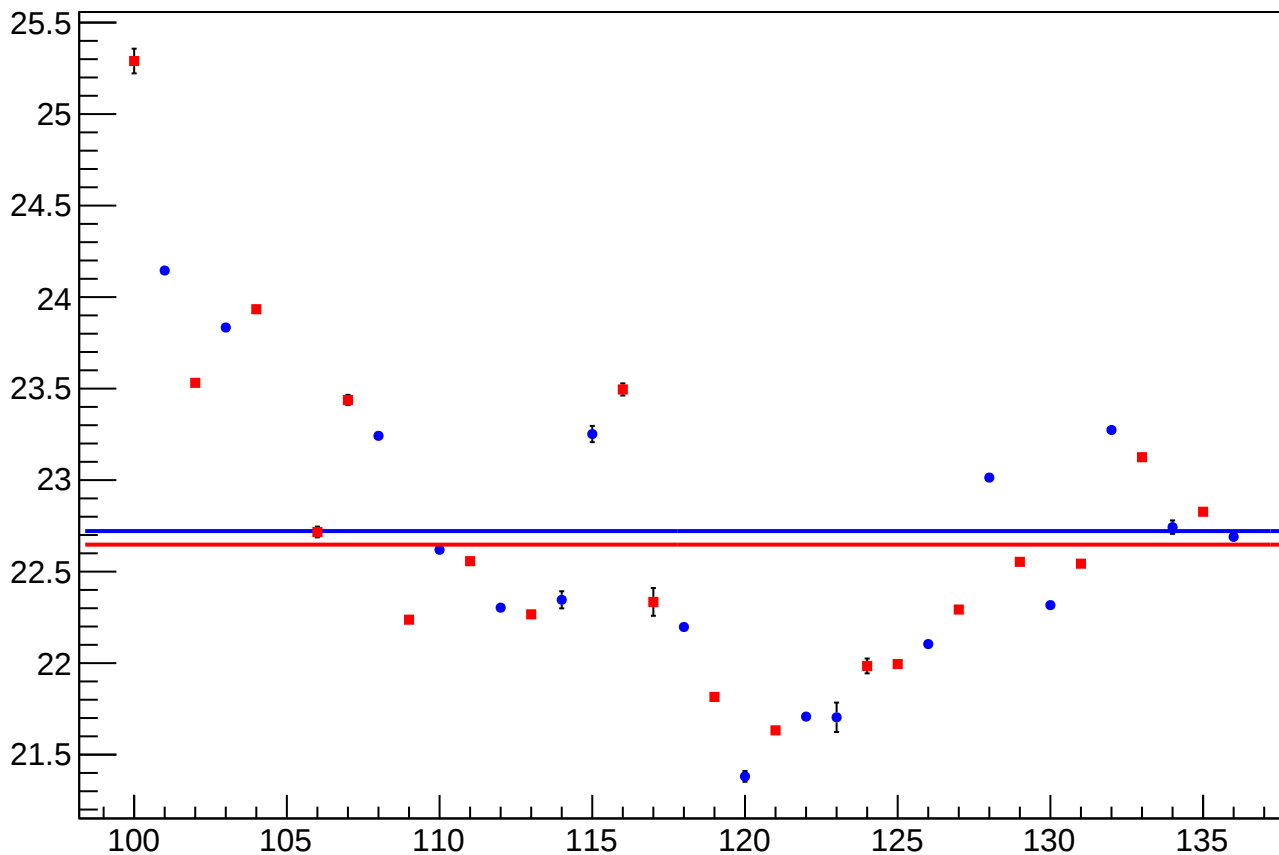
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.307+/-8.805 χ^2/NDF : 18.1/16

4.174+/-6.138 χ^2/NDF : 36.4/35

5.938+/-8.561 χ^2/NDF : 18.2/18

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.722+/-0.006 χ^2/NDF : 13580.6/16

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

Right Out: 22.648+/-0.006 χ^2/NDF : 12794.7/18

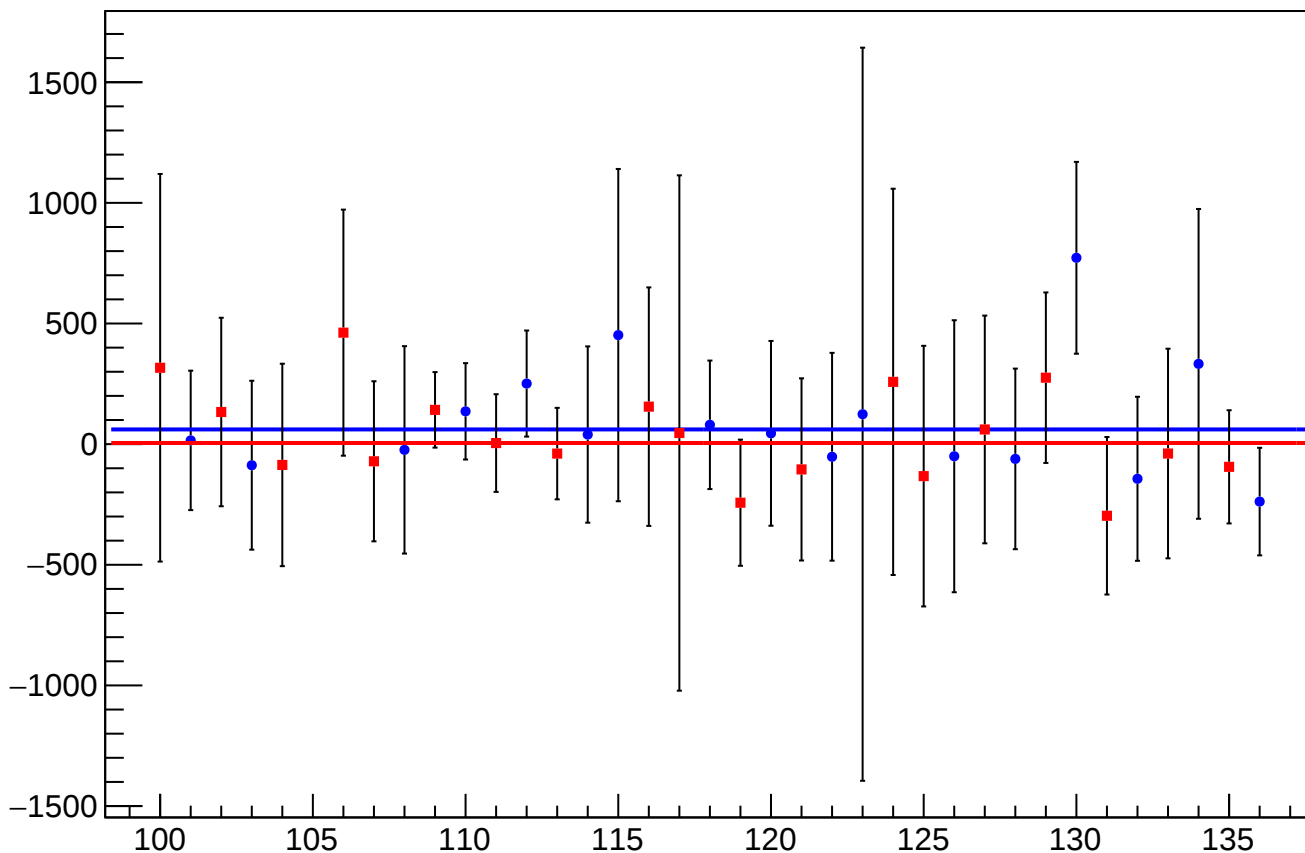
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.722+/-0.006 χ^2/NDF : 13580.6/16

22.683+/-0.004 χ^2/NDF : 26447.9/35

22.648+/-0.006 χ^2/NDF : 12794.7/18

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.779 $\pm$ 71.298 χ^2 /NDF: 4.9/18

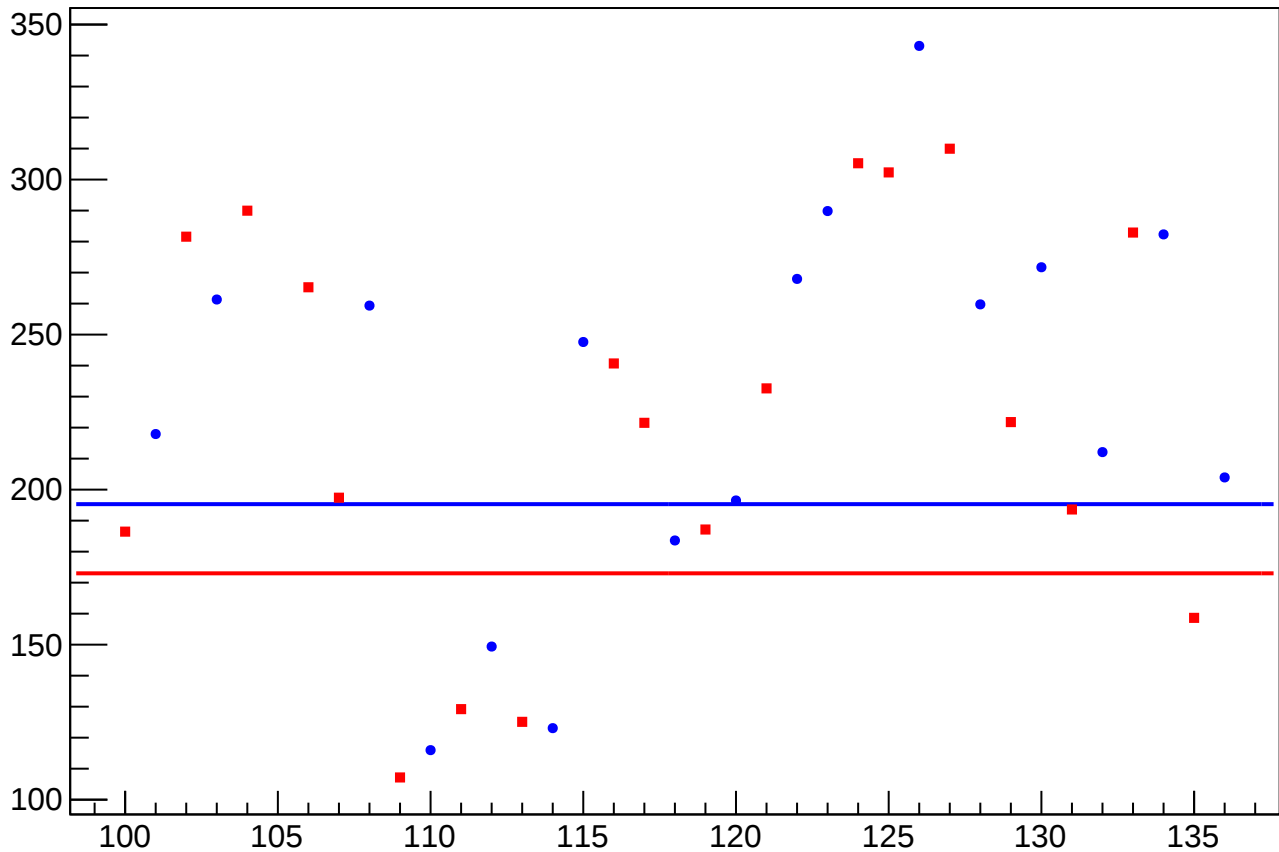
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

60.960 $\pm$ 80.197 χ^2 /NDF: 7.2/16

29.581 $\pm$ 53.285 χ^2 /NDF: 12.4/35

4.779 $\pm$ 71.298 χ^2 /NDF: 4.9/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.005+/-0.050 χ^2/NDF : 1578690.8/18

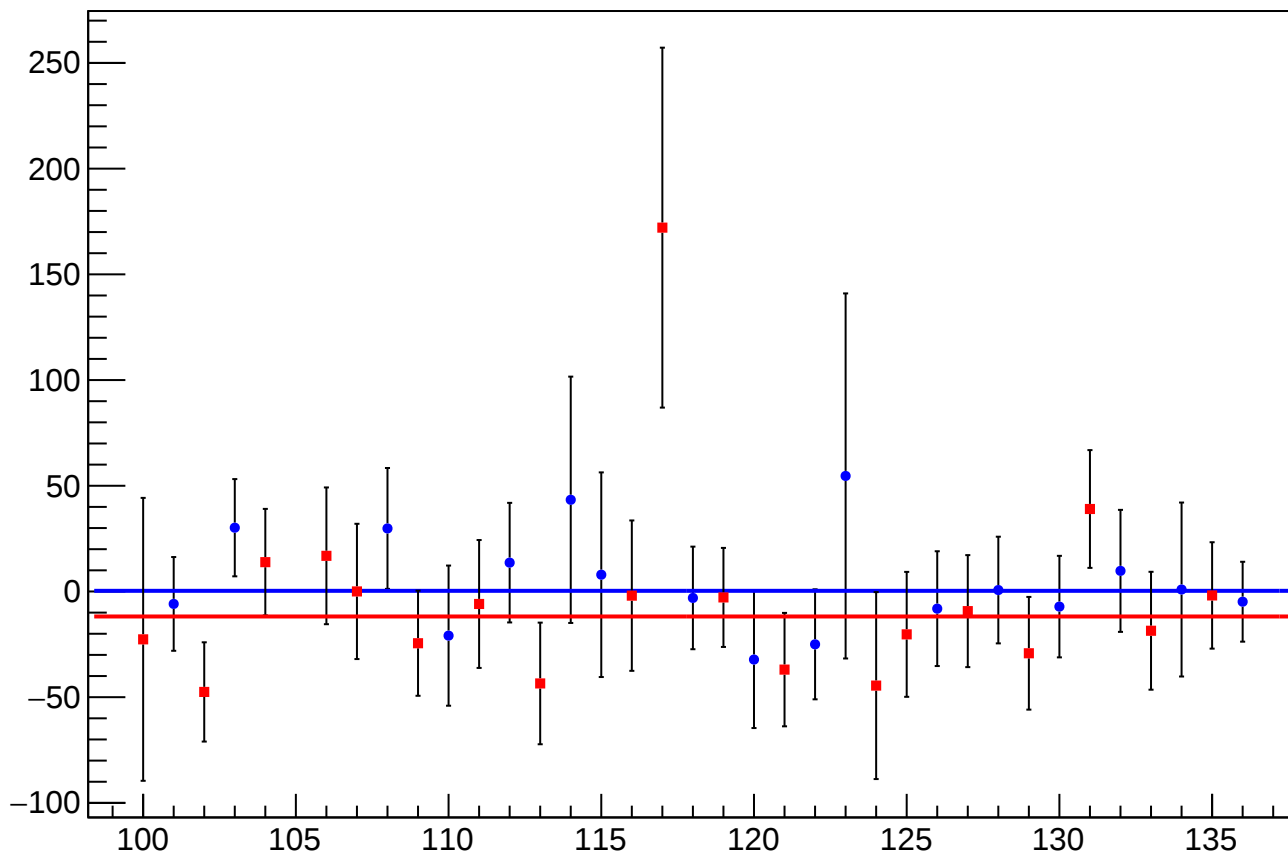
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

195.316+/-0.057 χ^2/NDF : 1004211.5/16

182.854+/-0.038 χ^2/NDF : 2669361.6/35

173.005+/-0.050 χ^2/NDF : 1578690.8/18

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.305+/-6.812 χ^2/NDF : 6.8/16

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

Right Out: -11.828+/-6.704 χ^2/NDF : 16.2/18

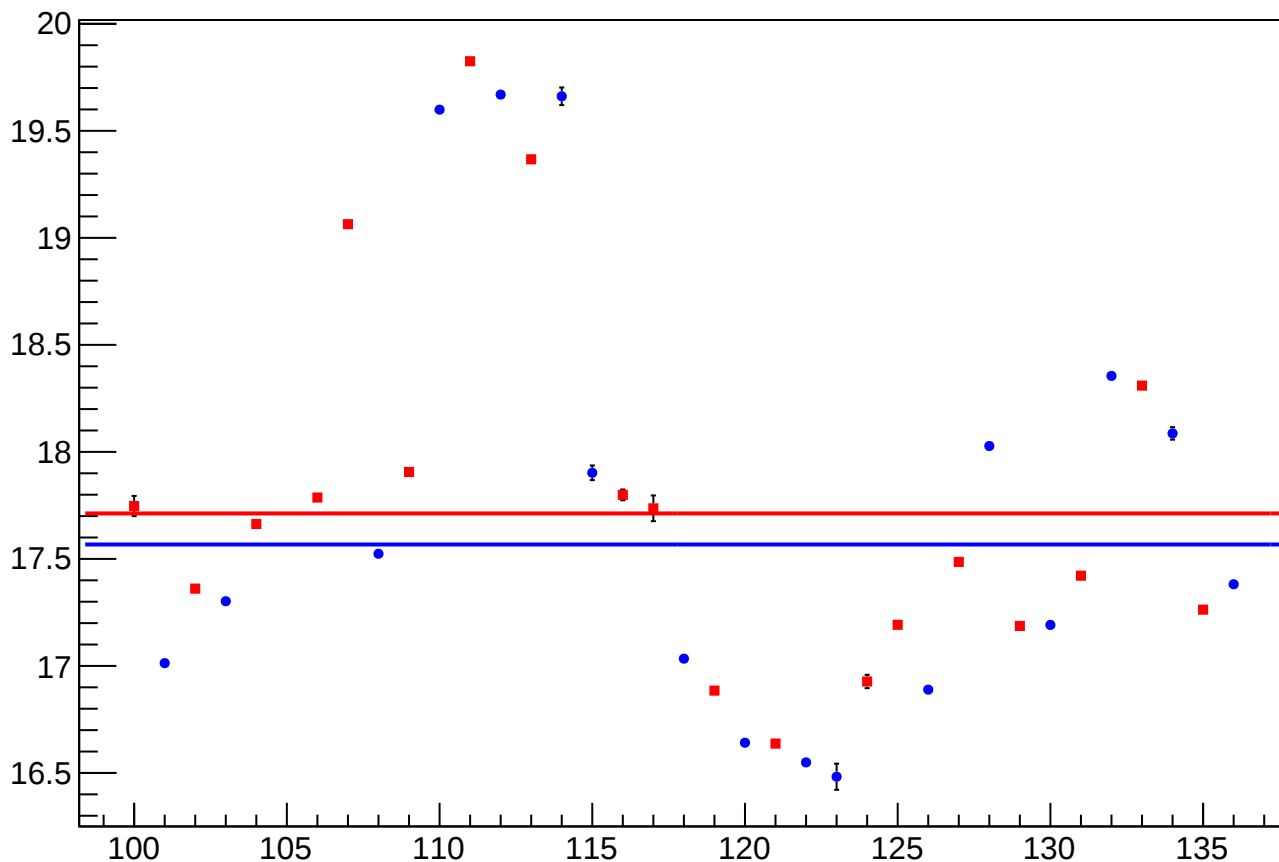
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.305+/-6.812 χ^2/NDF : 6.8/16

-5.859+/-4.778 χ^2/NDF : 24.6/35

-11.828+/-6.704 χ^2/NDF : 16.2/18

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.712 $\pm$ 0.005 χ^2 /NDF: 30203.4/18

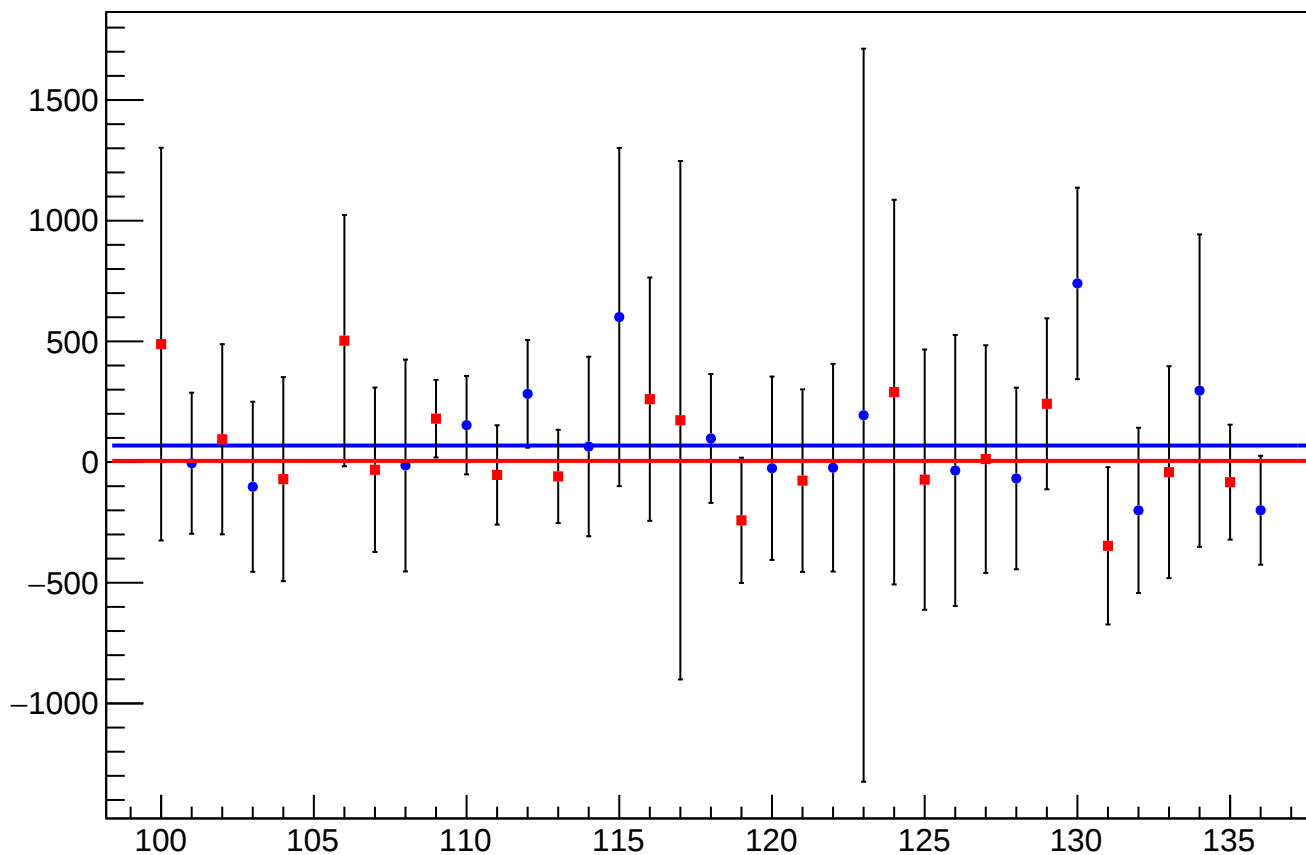
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.567 $\pm$ 0.005 χ^2 /NDF: 33145.0/16

17.641 $\pm$ 0.003 χ^2 /NDF: 63809.0/35

17.712 $\pm$ 0.005 χ^2 /NDF: 30203.4/18

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 68.553+/-81.018 χ^2/NDF : 7.3/16

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

Right Out: 4.890+/-72.297 χ^2/NDF : 5.9/18

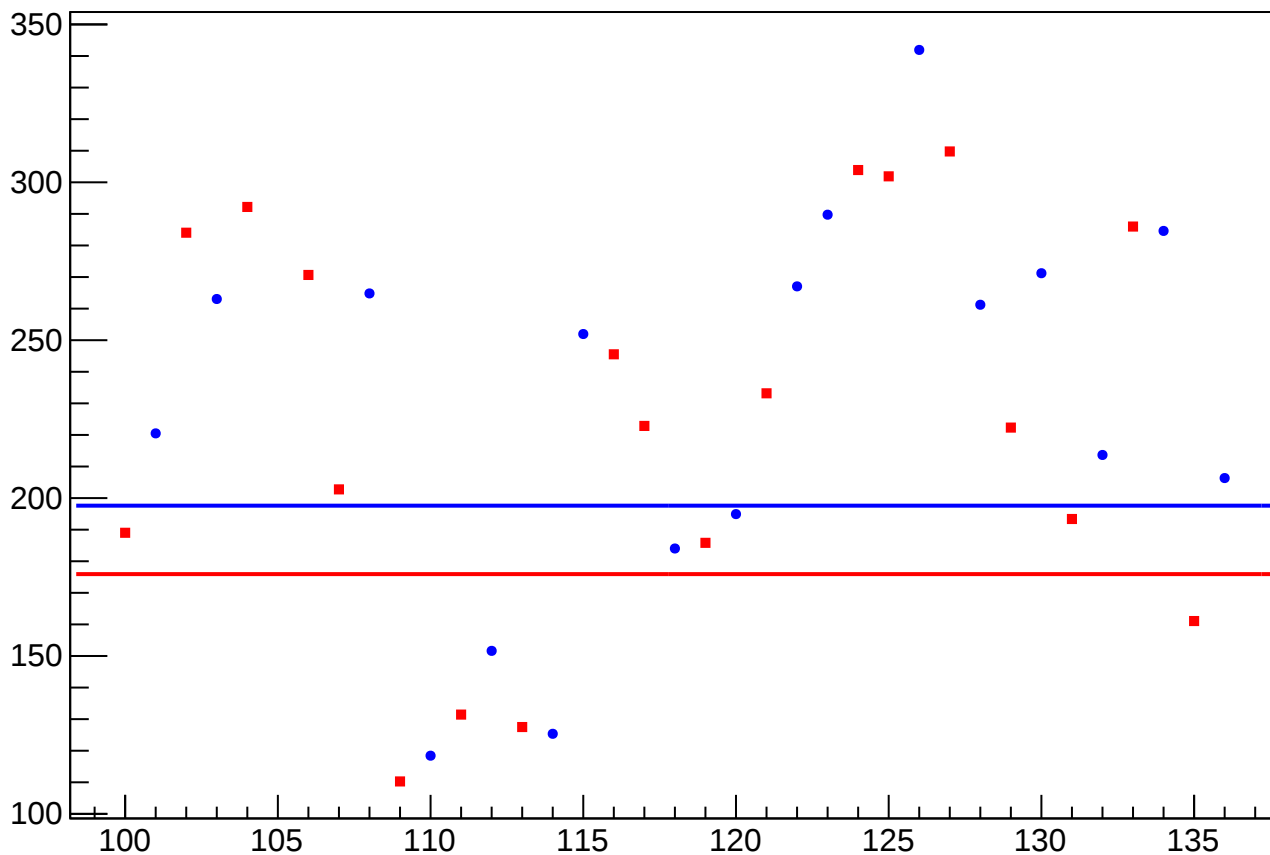
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

68.553+/-81.018 χ^2/NDF : 7.3/16

33.112+/-53.943 χ^2/NDF : 13.5/35

4.890+/-72.297 χ^2/NDF : 5.9/18

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 197.603 ± 0.057 χ^2/NDF : 968827.8/16

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

Right Out: 175.928 ± 0.051 χ^2/NDF : 1520108.1/18

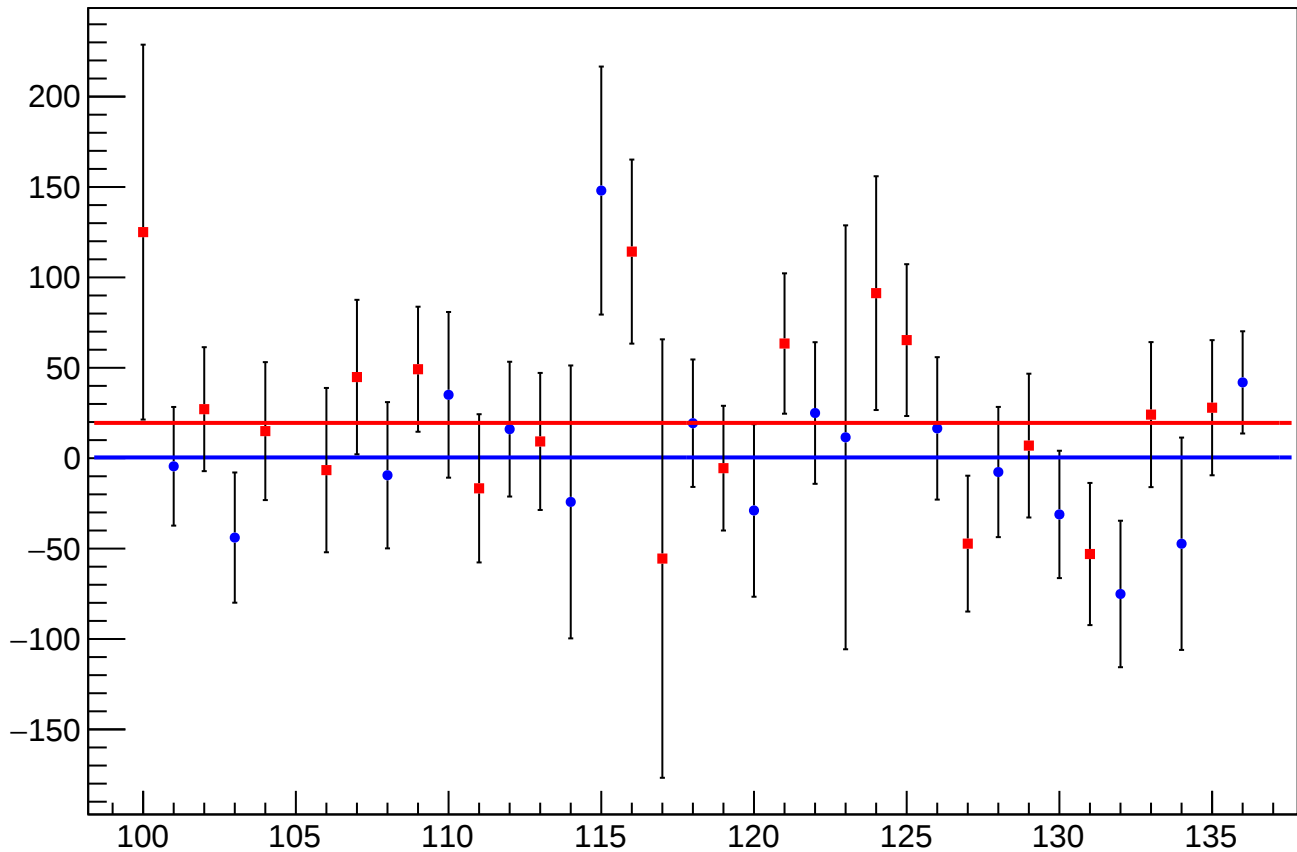
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

197.603 ± 0.057 χ^2/NDF : 968827.8/16

185.537 ± 0.038 χ^2/NDF : 2568626.2/35

175.928 ± 0.051 χ^2/NDF : 1520108.1/18

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: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 19.523 ± 9.587 χ^2/NDF : 18.2/18

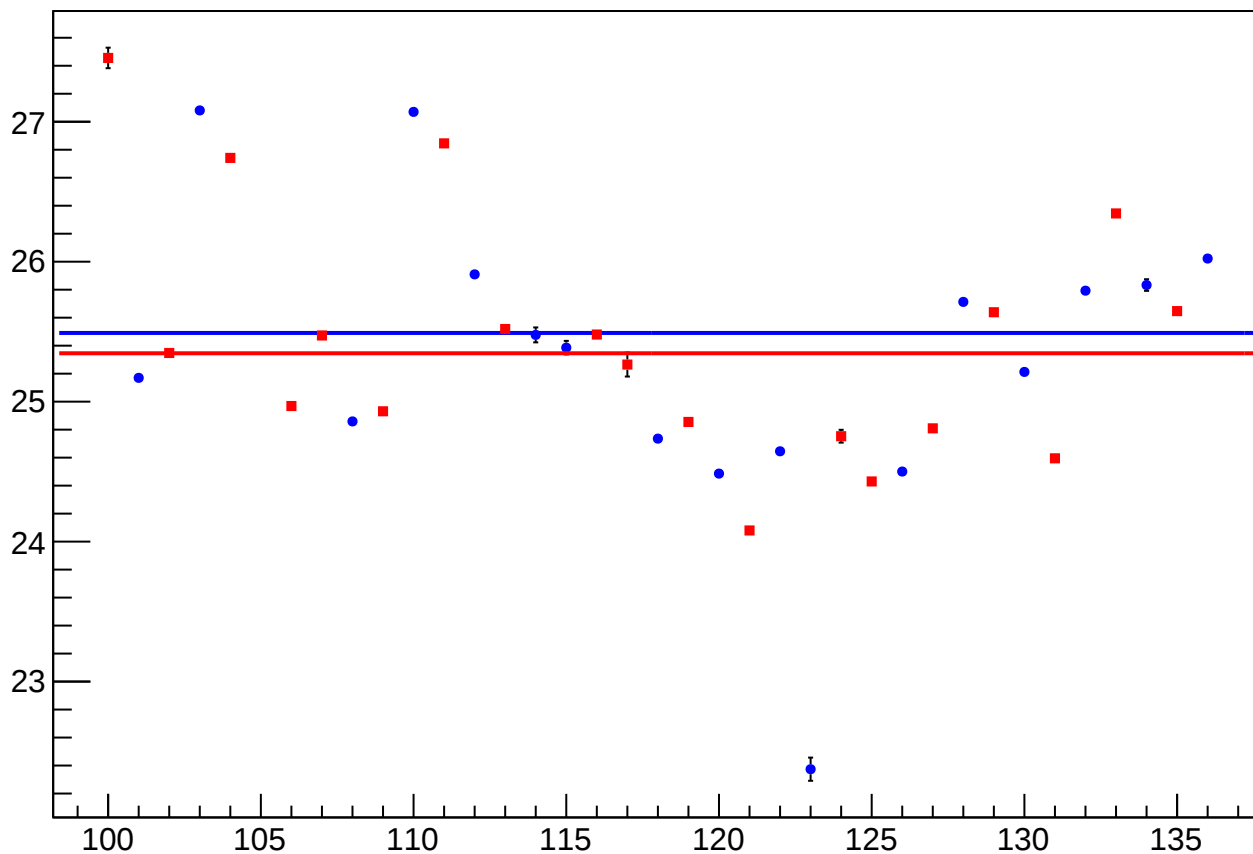
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.427 ± 9.884 χ^2/NDF : 15.5/16

10.266 ± 6.882 χ^2/NDF : 35.6/35

19.523 ± 9.587 χ^2/NDF : 18.2/18

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.491+/-0.007 χ^2/NDF : 13713.0/16

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

Right Out: 25.346+/-0.007 χ^2/NDF : 12950.9/18

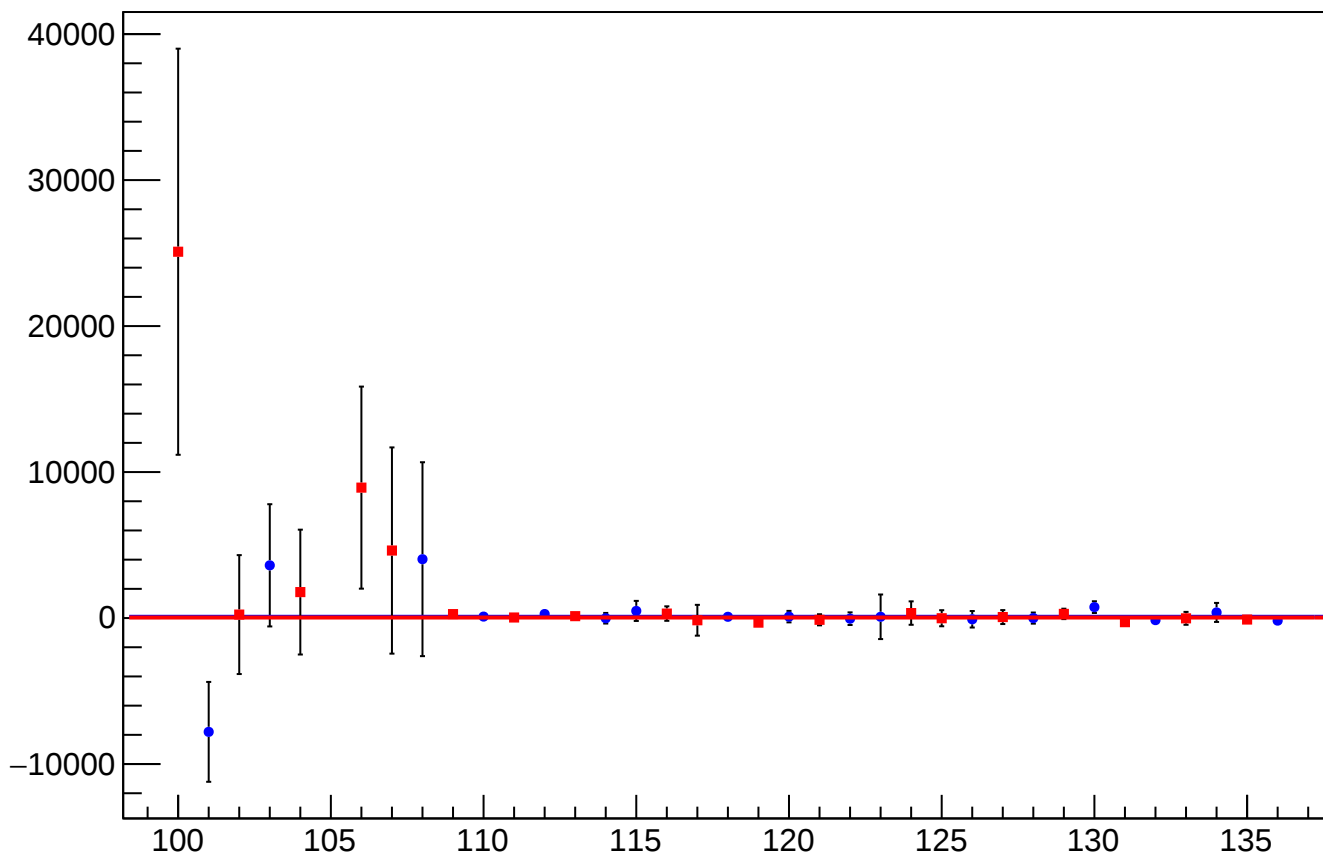
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

25.491+/-0.007 χ^2/NDF : 13713.0/16

25.416+/-0.005 χ^2/NDF : 26886.4/35

25.346+/-0.007 χ^2/NDF : 12950.9/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.191+/-82.016 χ^2/NDF : 11.0/18

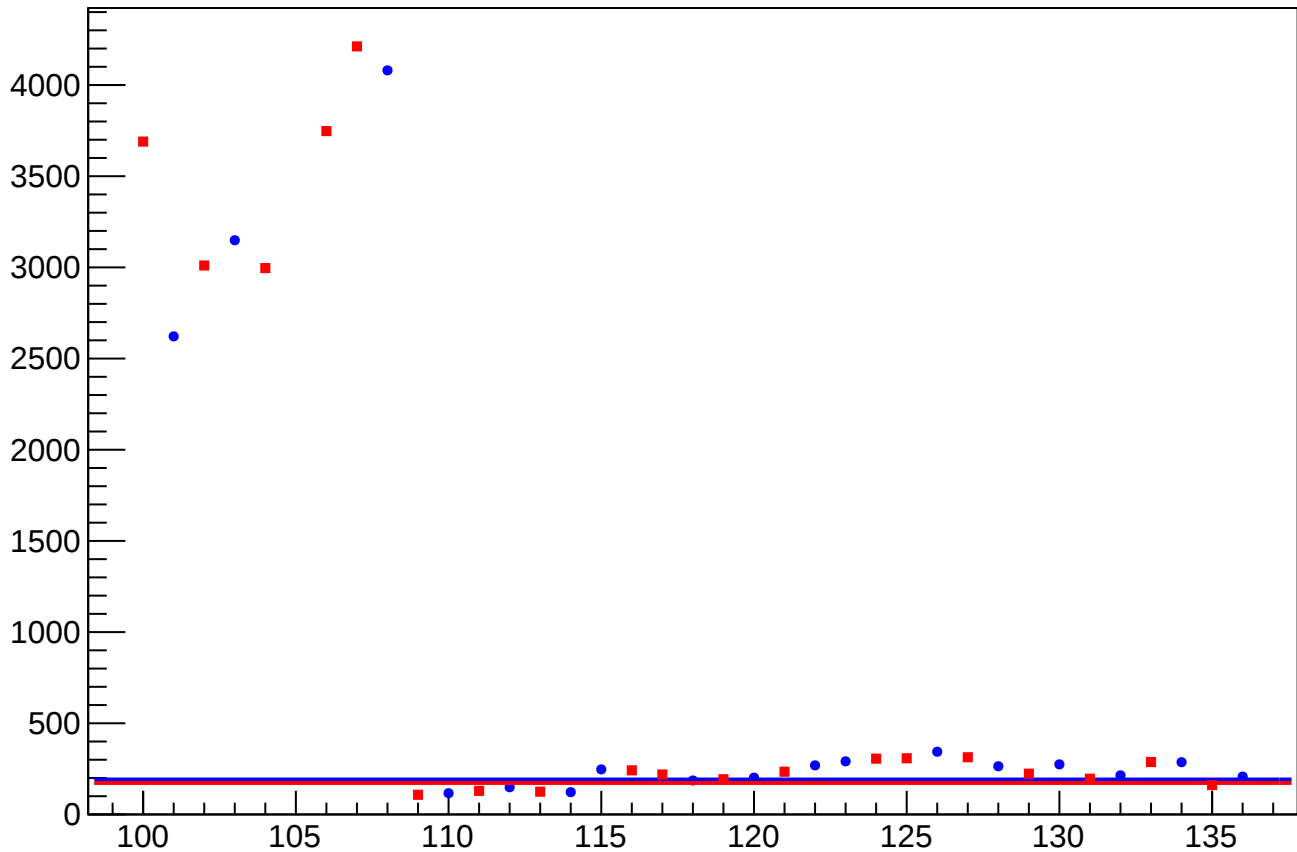
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

86.558+/-88.423 χ^2/NDF : 12.5/16

59.484+/-60.132 χ^2/NDF : 23.7/35

36.191+/-82.016 χ^2/NDF : 11.0/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.803+/-0.058 χ^2/NDF : 4205689.1/18

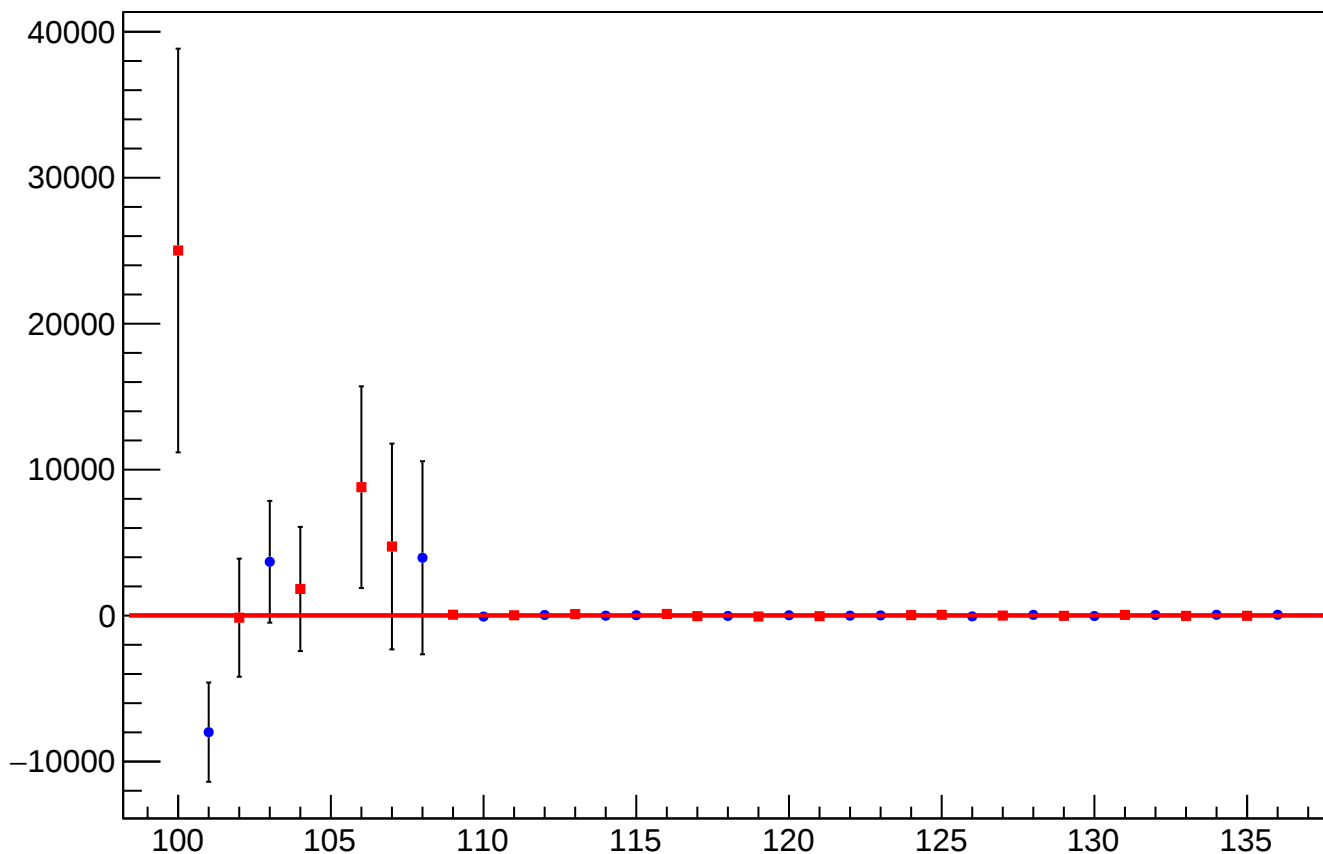
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

191.478+/-0.063 χ^2/NDF : 3573154.3/16

181.439+/-0.043 χ^2/NDF : 7826798.3/35

172.803+/-0.058 χ^2/NDF : 4205689.1/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.863+/-12.411 χ^2/NDF : 22.6/18

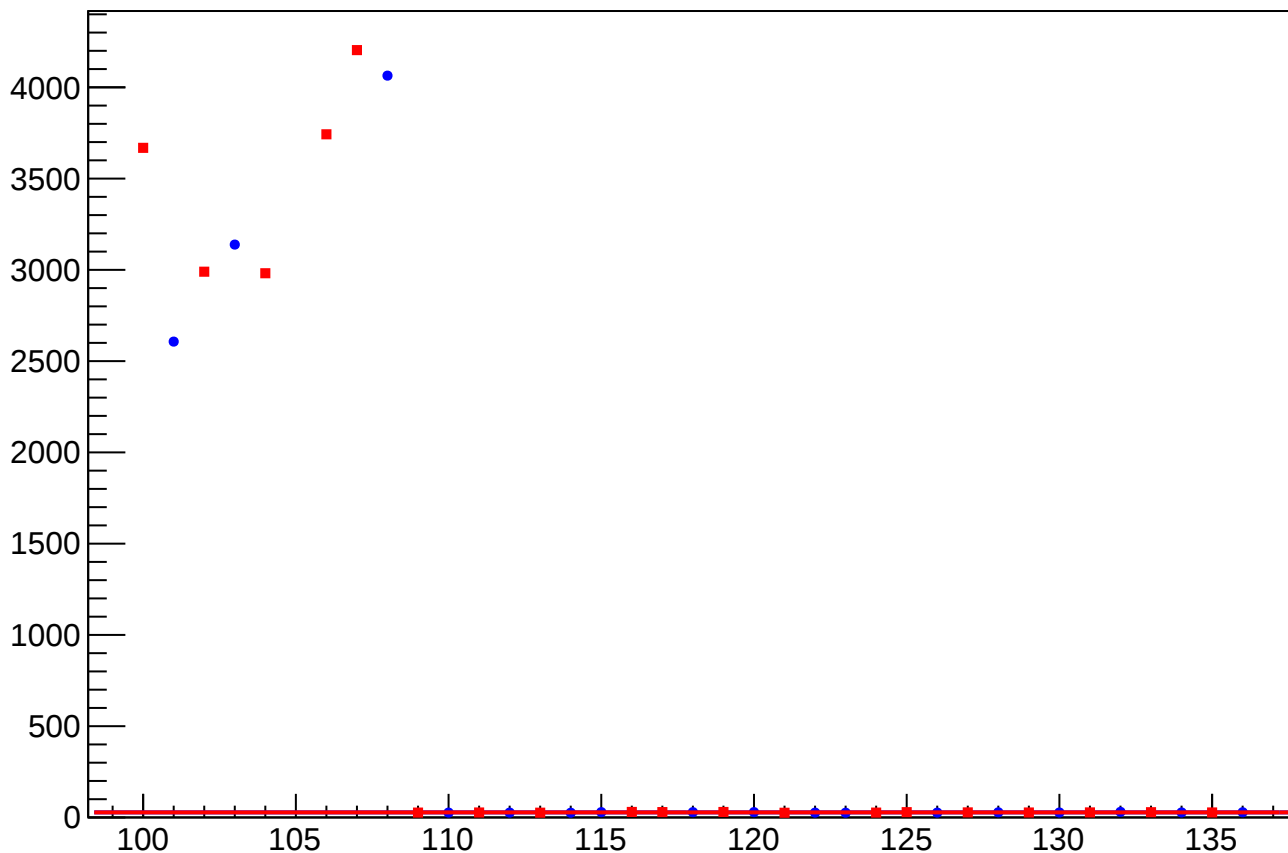
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.286+/-12.282 χ^2/NDF : 18.4/16

13.045+/-8.730 χ^2/NDF : 41.1/35

15.863+/-12.411 χ^2/NDF : 22.6/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.699+/-0.009 χ^2/NDF : 3477108.4/18

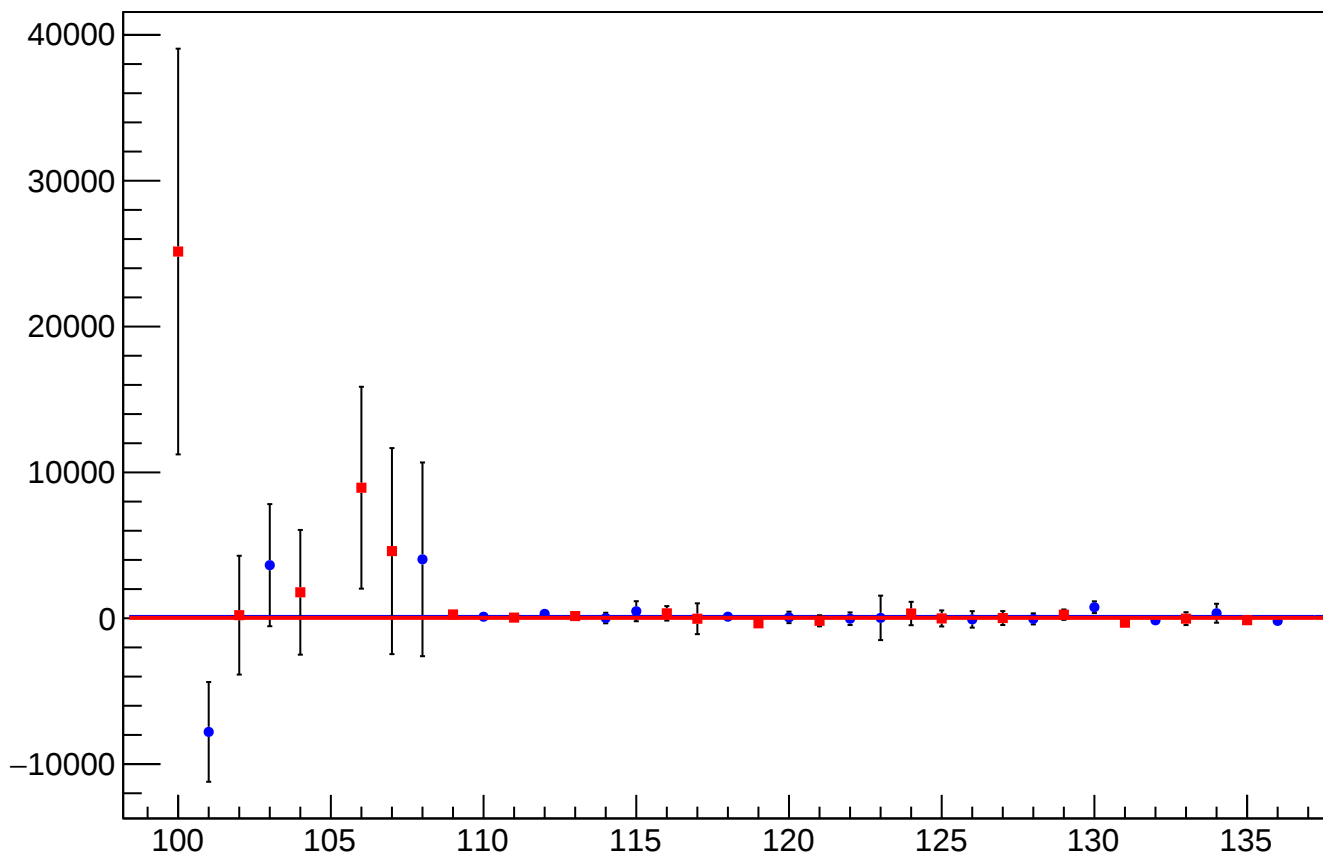
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27.855+/-0.009 χ^2/NDF : 3027666.8/16

27.778+/-0.006 χ^2/NDF : 6504933.9/35

27.699+/-0.009 χ^2/NDF : 3477108.4/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.313+/-81.752 χ^2/NDF : 11.7/18

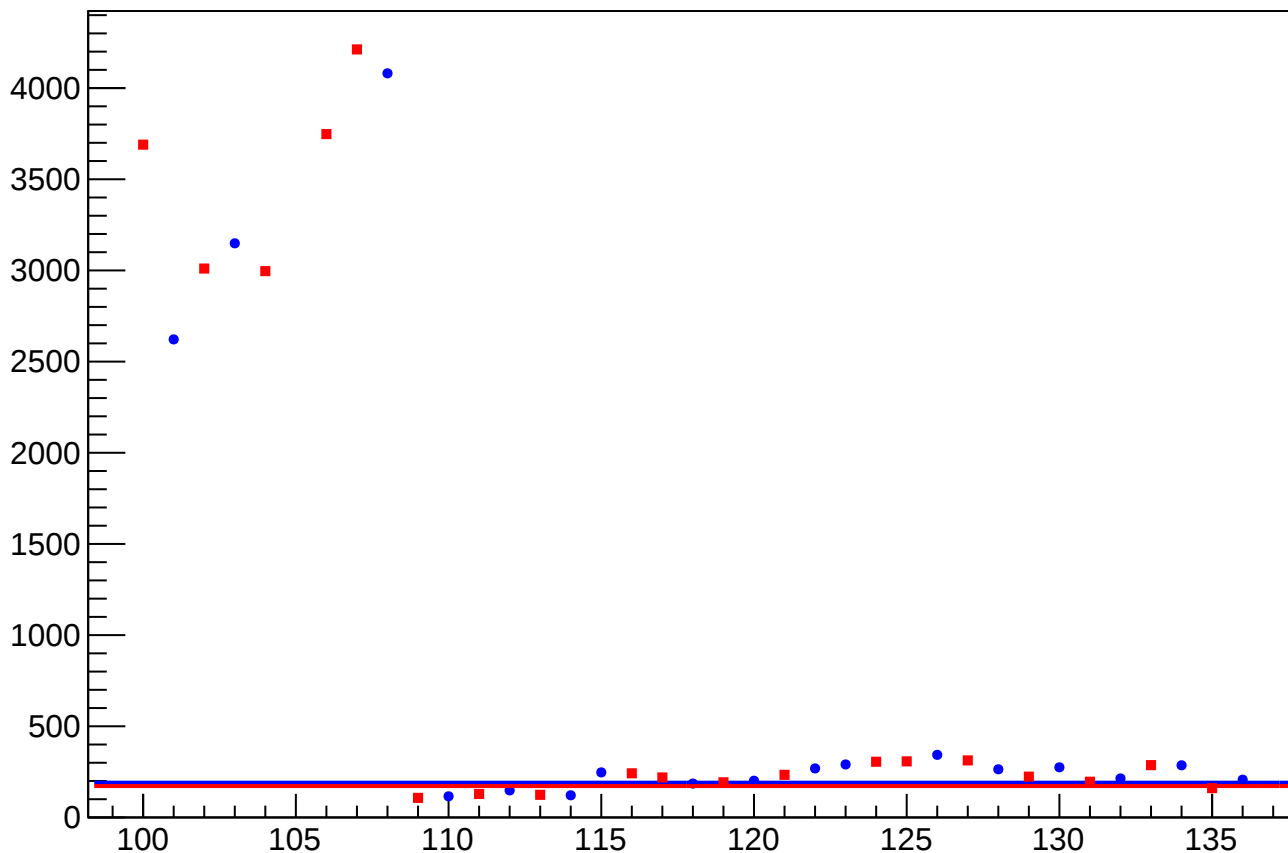
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

90.773+/-88.149 χ^2/NDF : 12.8/16

56.657+/-59.941 χ^2/NDF : 24.8/35

27.313+/-81.752 χ^2/NDF : 11.7/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.135+/-0.058 χ^2/NDF : 4216958.2/18

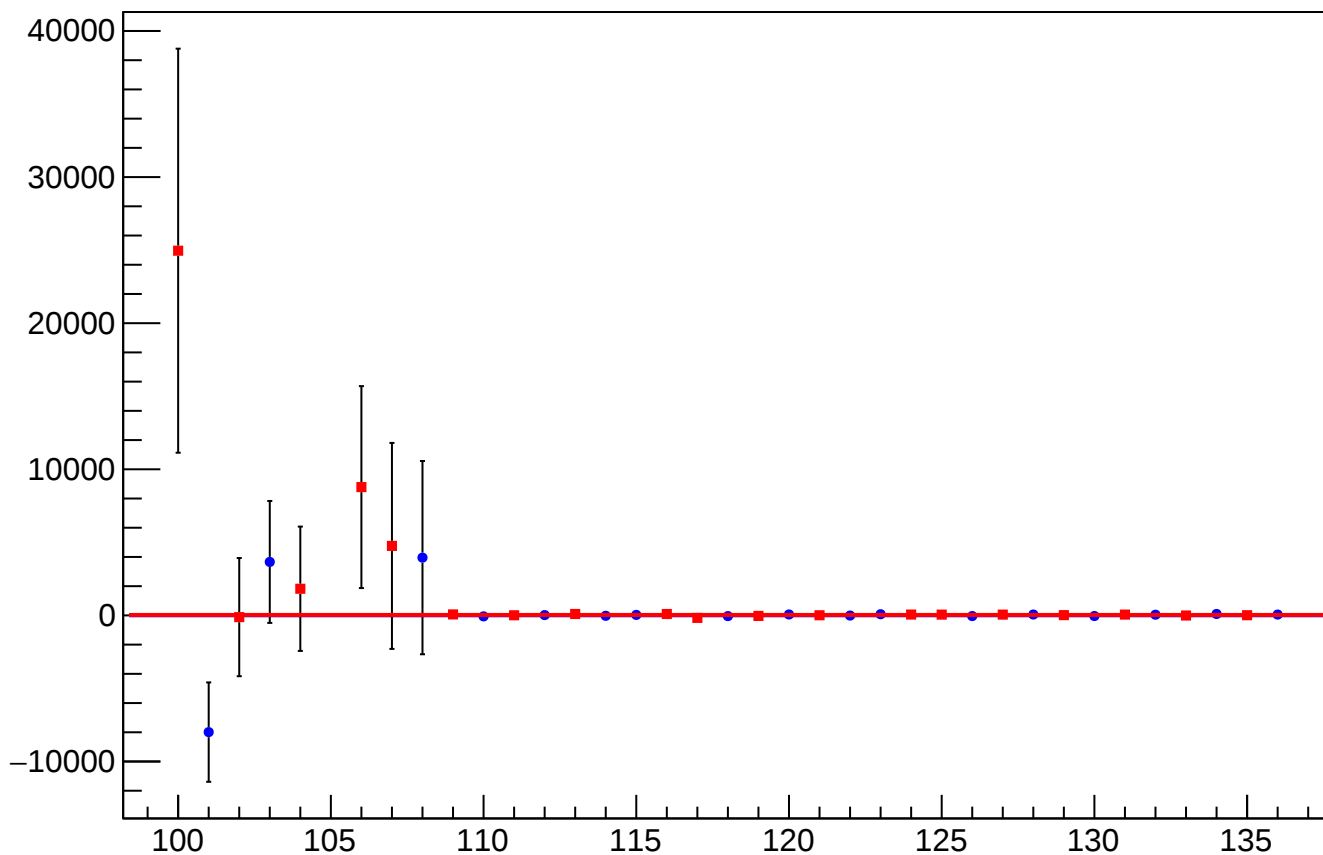
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

190.770+/-0.062 χ^2/NDF : 3585034.0/16

180.752+/-0.042 χ^2/NDF : 7850041.7/35

172.135+/-0.058 χ^2/NDF : 4216958.2/18

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 8.600+/-12.368 χ^2 /NDF: 23.2/16

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

Right Out: 31.092+/-12.515 χ^2 /NDF: 17.0/18

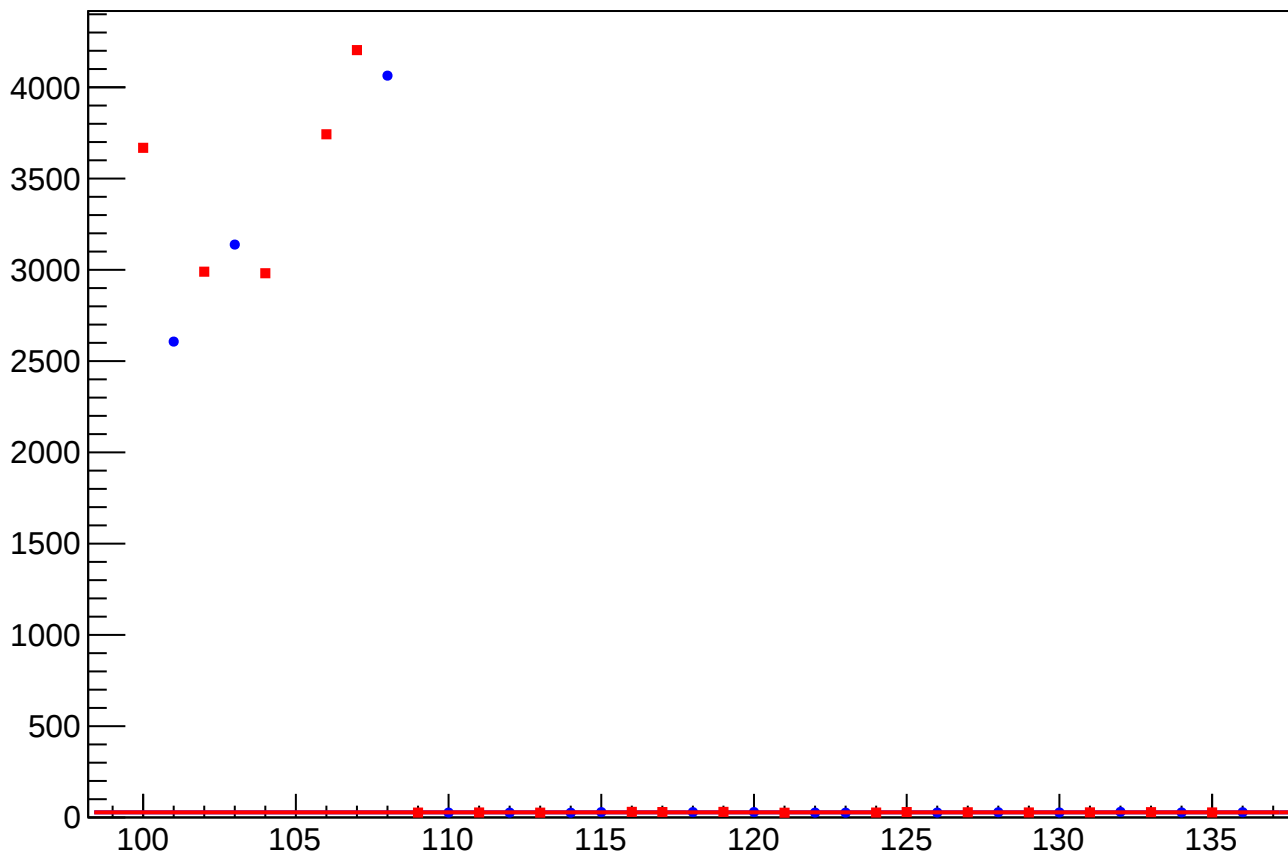
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

8.600+/-12.368 χ^2 /NDF: 23.2/16

19.713+/-8.797 χ^2 /NDF: 41.8/35

31.092+/-12.515 χ^2 /NDF: 17.0/18

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: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 27.924+/-0.009 χ^2 /NDF: 3479936.0/18

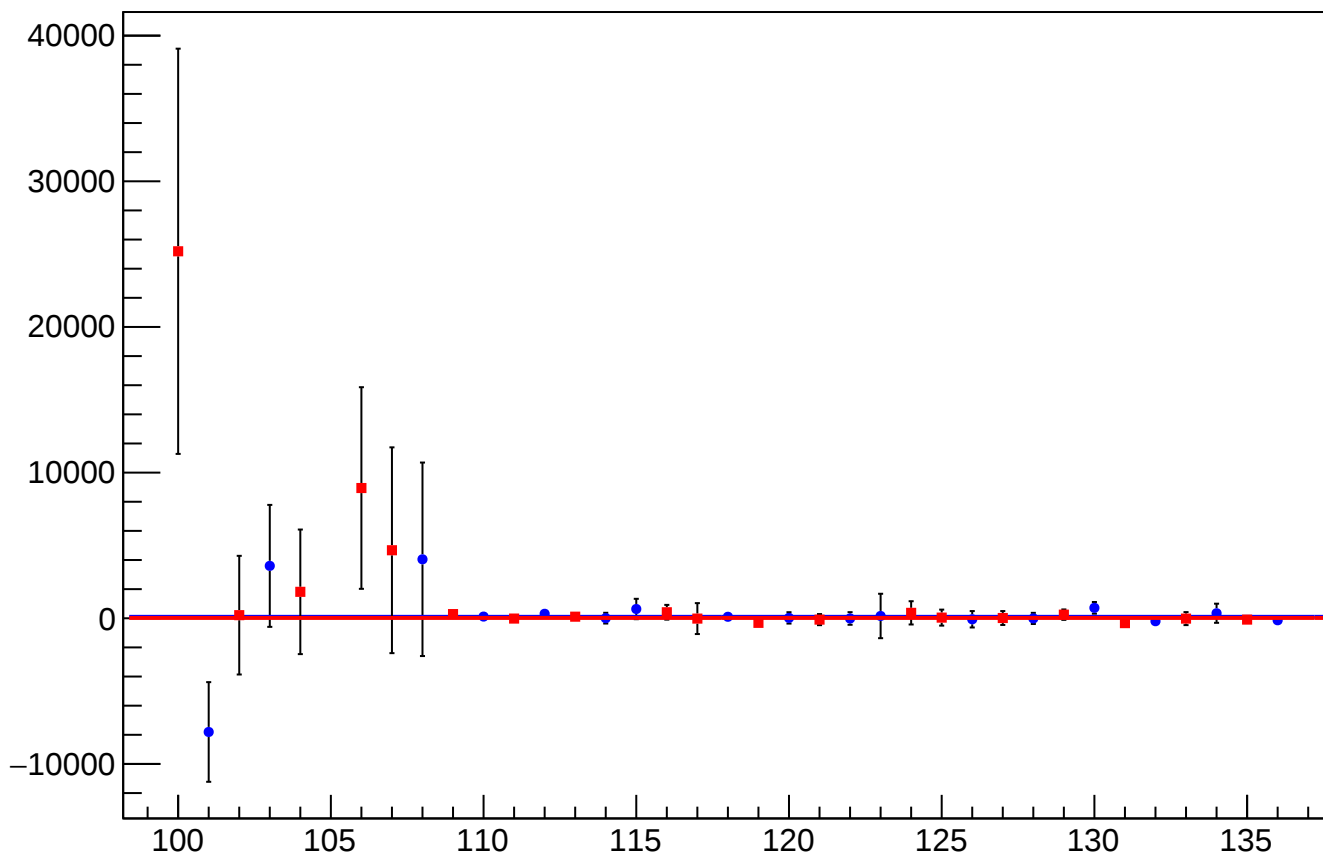
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

28.044+/-0.009 χ^2 /NDF: 3027898.7/16

27.985+/-0.006 χ^2 /NDF: 6507927.1/35

27.924+/-0.009 χ^2 /NDF: 3479936.0/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.538+/-82.843 χ^2/NDF : 11.5/18

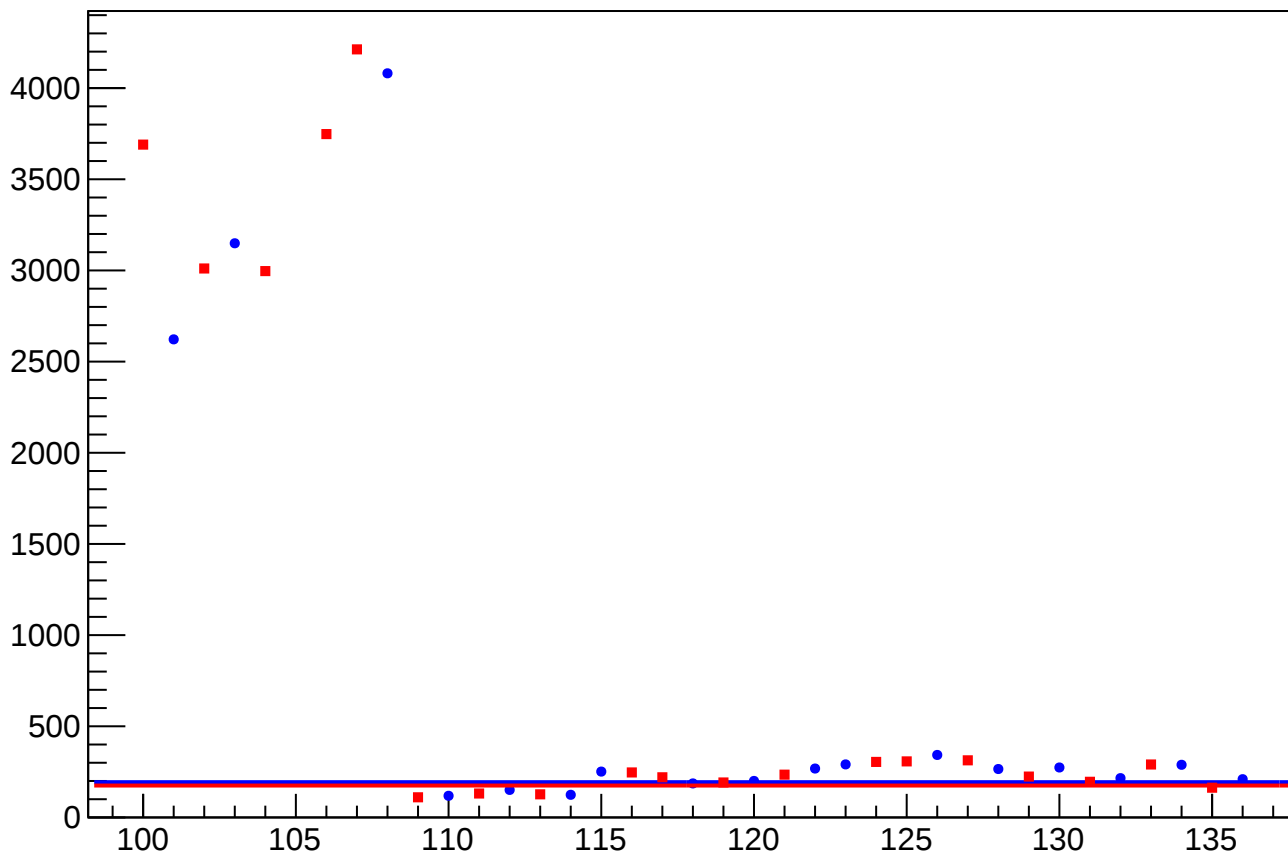
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

98.142+/-89.203 χ^2/NDF : 12.5/16

58.623+/-60.703 χ^2/NDF : 24.4/35

24.538+/-82.843 χ^2/NDF : 11.5/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 175.010+/-0.059 χ^2/NDF : 4163709.3/18

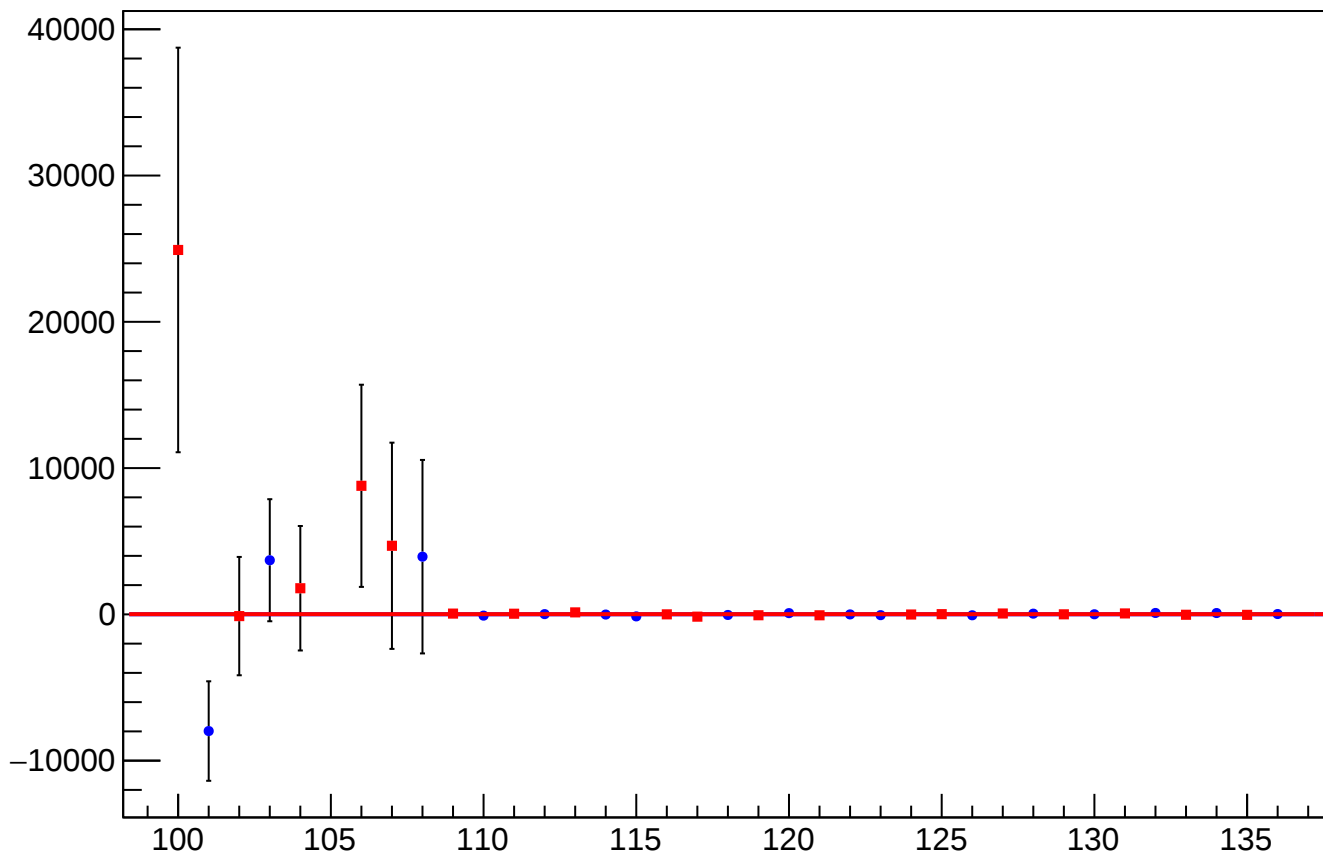
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

193.516+/-0.063 χ^2/NDF : 3536947.8/16

183.580+/-0.043 χ^2/NDF : 7746876.3/35

175.010+/-0.059 χ^2/NDF : 4163709.3/18

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 5.565+/-15.052 χ^2 /NDF: 20.4/16

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

Right Out: 14.320+/-15.158 χ^2 /NDF: 21.4/18

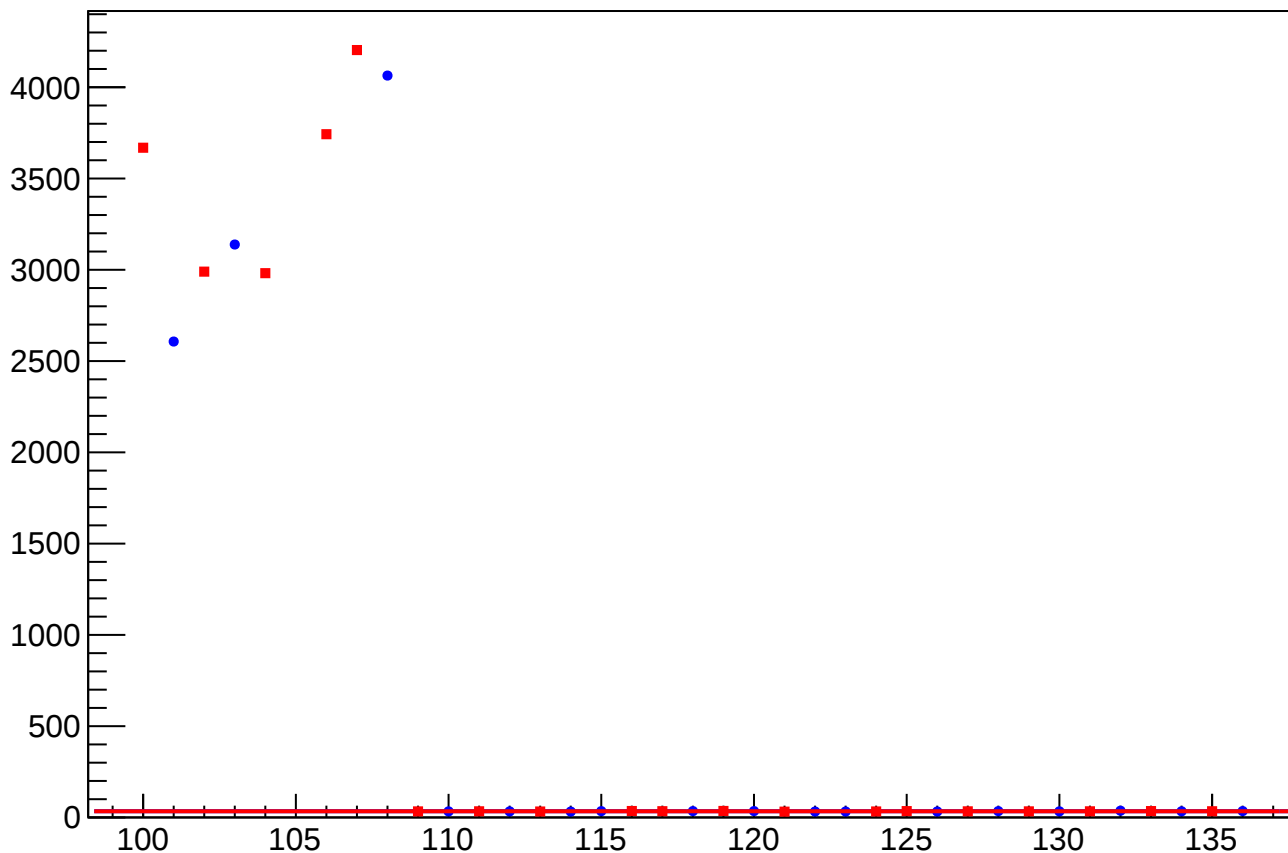
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

5.565+/-15.052 χ^2 /NDF: 20.4/16

9.912+/-10.680 χ^2 /NDF: 42.0/35

14.320+/-15.158 χ^2 /NDF: 21.4/18

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 34.168+/-0.011 χ^2 /NDF: 3006512.8/16

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

Right Out: 33.890+/-0.011 χ^2 /NDF: 3451752.1/18

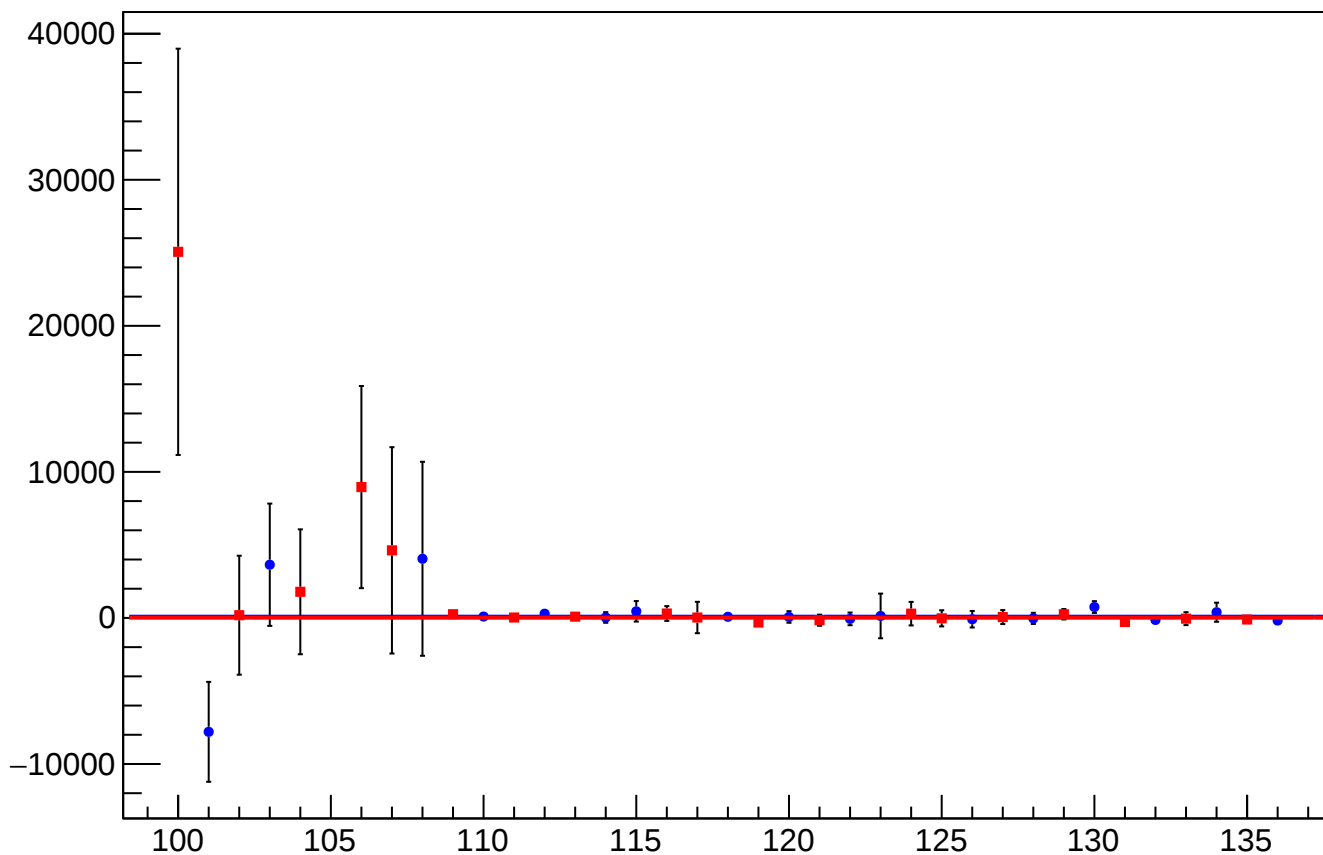
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

34.168+/-0.011 χ^2 /NDF: 3006512.8/16

34.030+/-0.008 χ^2 /NDF: 6458603.7/35

33.890+/-0.011 χ^2 /NDF: 3451752.1/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.478+/-82.338 χ^2/NDF : 10.5/18

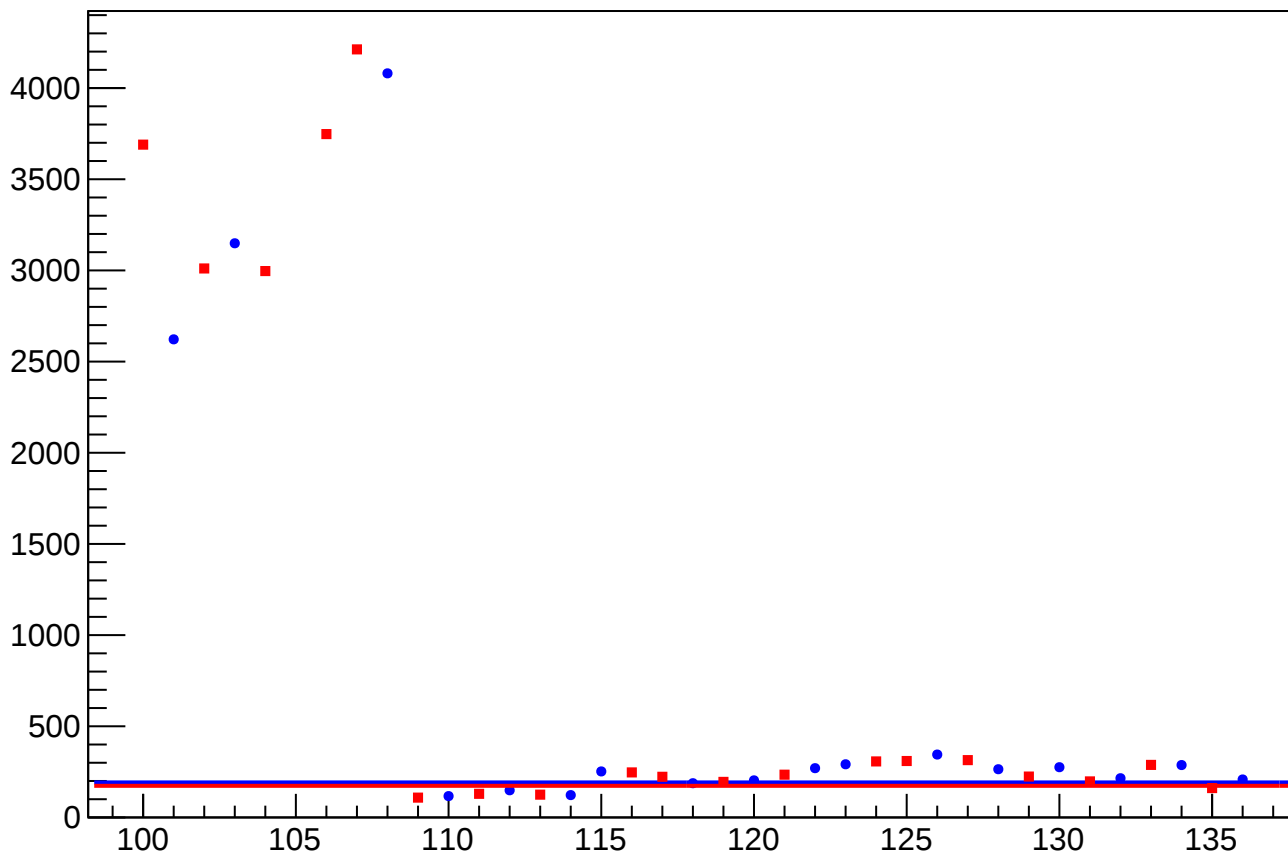
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

84.504+/-88.746 χ^2/NDF : 12.5/16

49.559+/-60.360 χ^2/NDF : 23.4/35

19.478+/-82.338 χ^2/NDF : 10.5/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.480+/-0.058 χ^2/NDF : 4210378.3/18

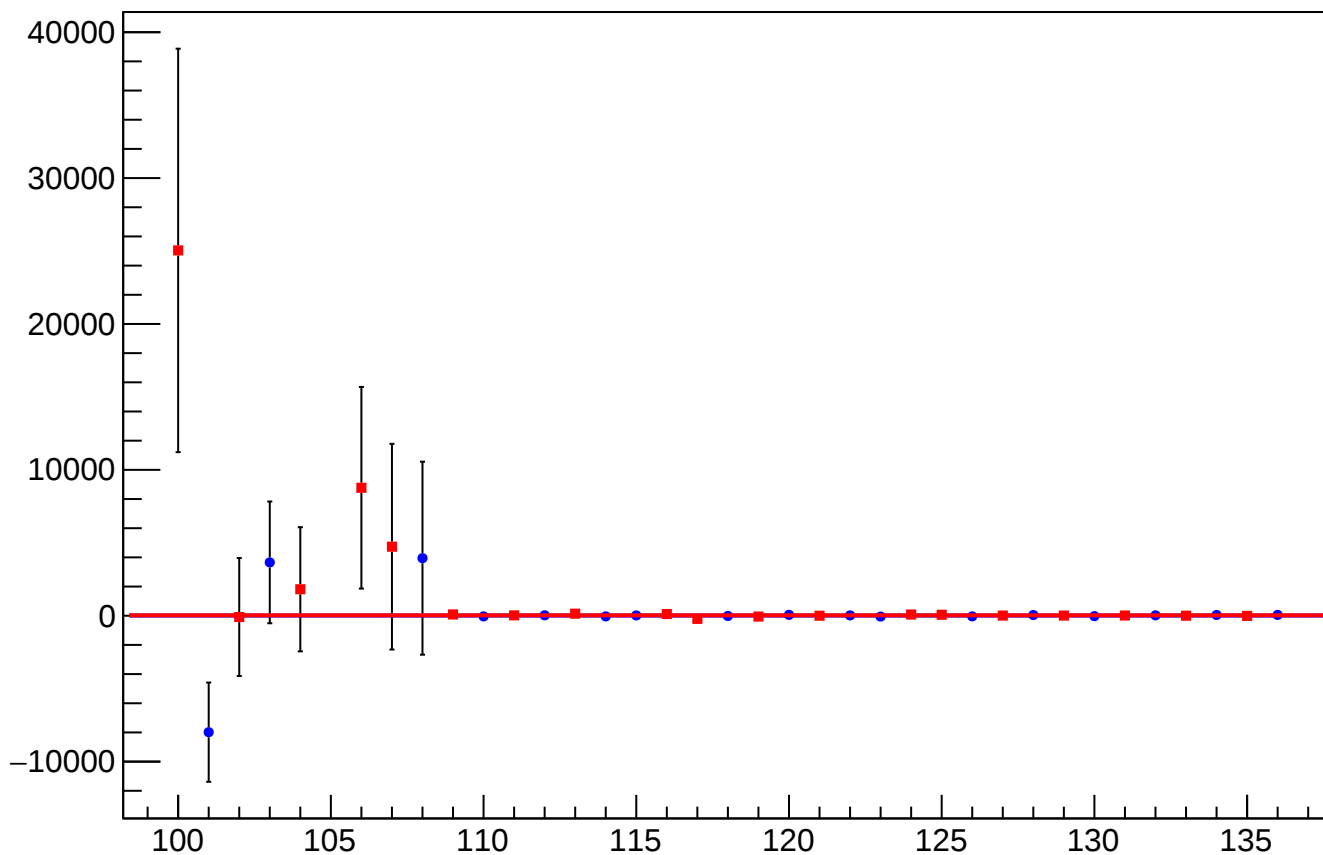
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

192.177+/-0.063 χ^2/NDF : 3574617.3/16

182.129+/-0.043 χ^2/NDF : 7832702.3/35

173.480+/-0.058 χ^2/NDF : 4210378.3/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.649+/-13.860 χ^2/NDF : 23.6/18

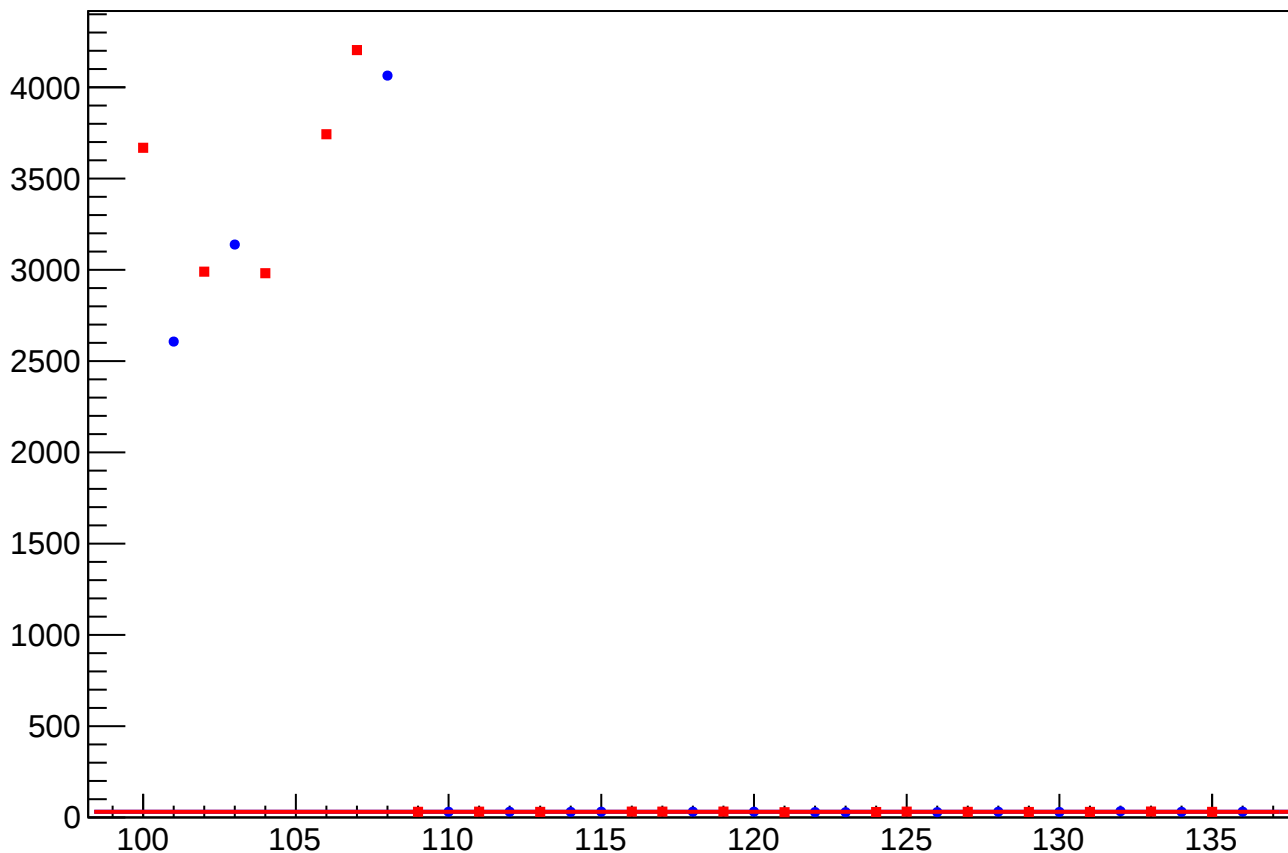
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12.751+/-13.723 χ^2/NDF : 14.6/16

20.126+/-9.752 χ^2/NDF : 38.8/35

27.649+/-13.860 χ^2/NDF : 23.6/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.969+/-0.010 χ^2/NDF : 3458997.9/18

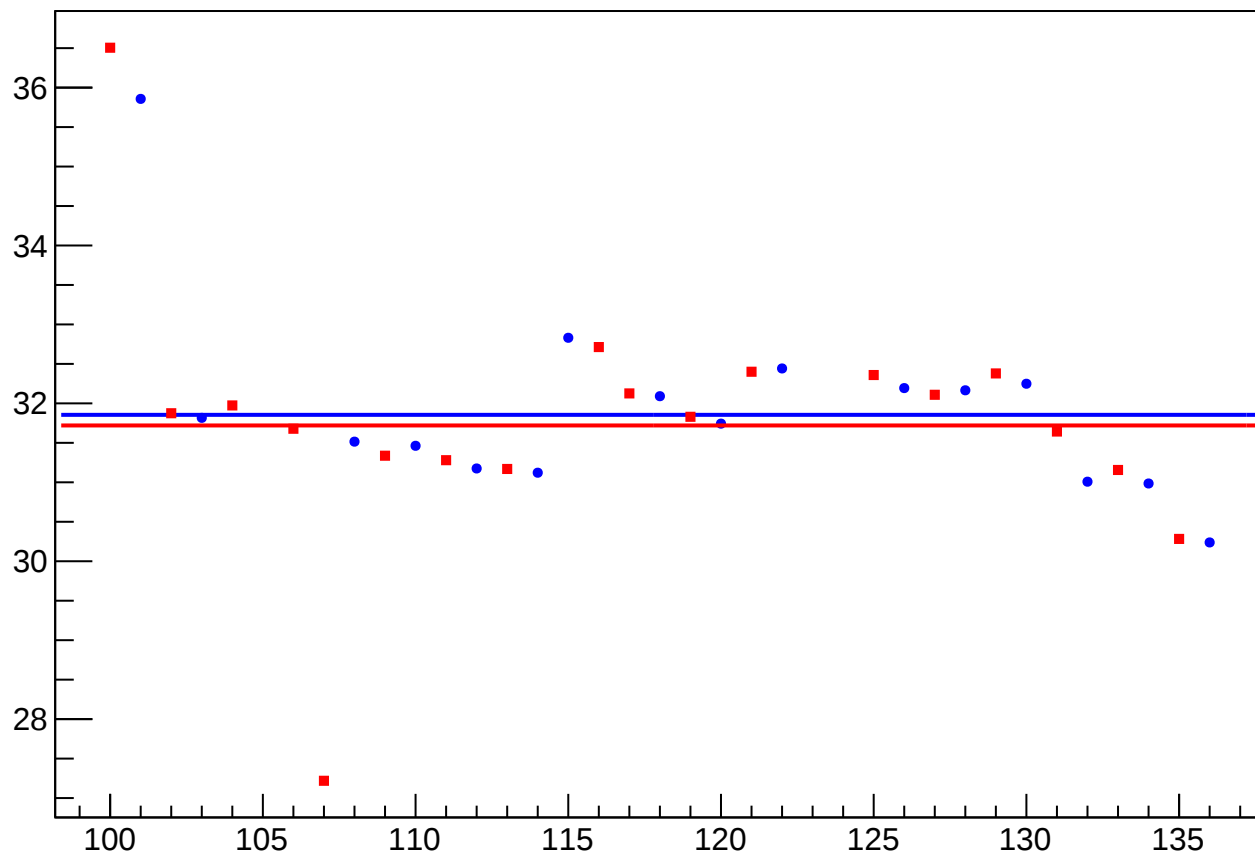
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

31.153+/-0.010 χ^2/NDF : 3014515.0/16

31.062+/-0.007 χ^2/NDF : 6473691.2/35

30.969+/-0.010 χ^2/NDF : 3458997.9/18

yield_usl_mean vs Slug, Sign Corrected



Right In: 31.855+/-0.000 χ^2/NDF : 1570522165.5/15

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

Right Out: 31.720+/-0.000 χ^2/NDF : 835767951.2/17

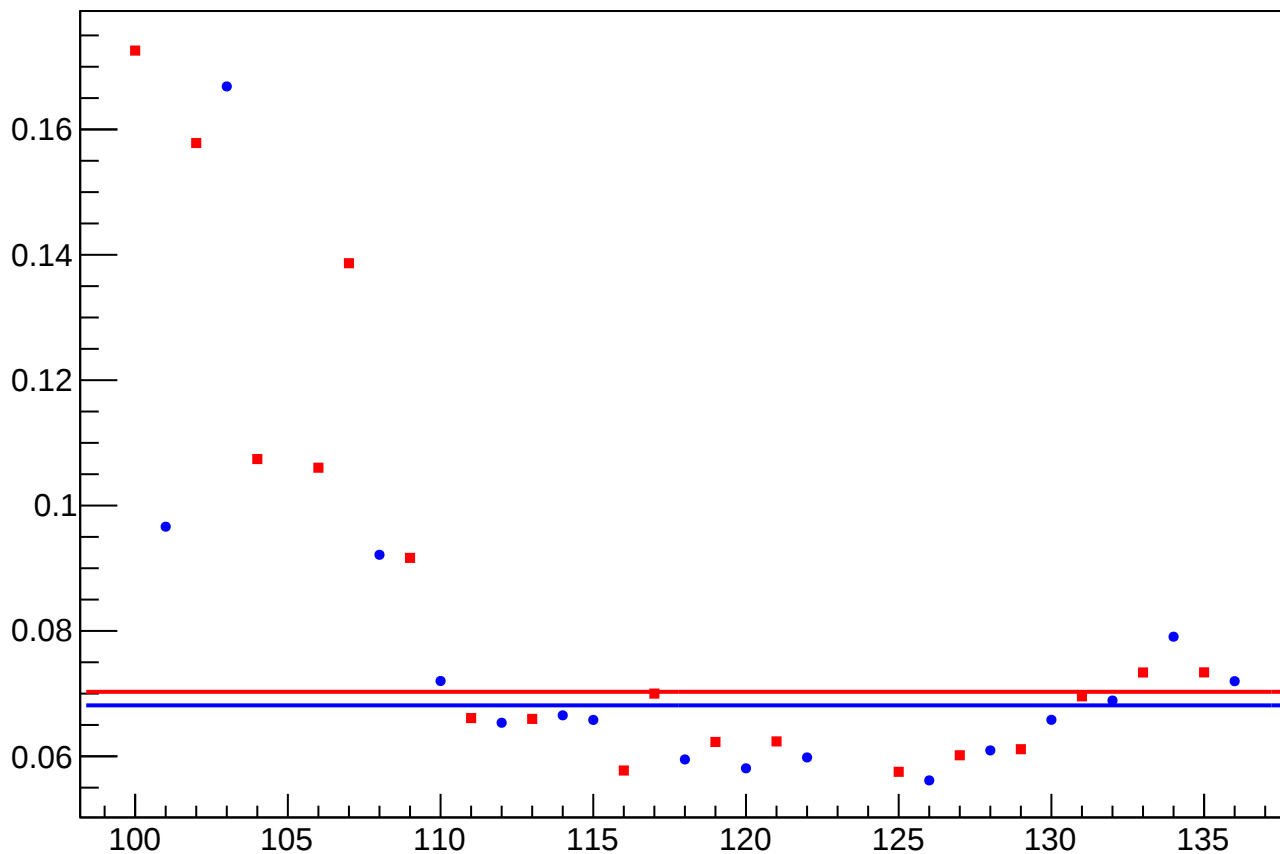
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

31.855+/-0.000 χ^2/NDF : 1570522165.5/15

31.789+/-0.000 χ^2/NDF : 2417184135.7/3

31.720+/-0.000 χ^2/NDF : 835767951.2/17

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.000 χ^2 /NDF: 629767.4/15

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

Right Out: 0.070 $\pm$ 0.000 χ^2 /NDF: 840558.7/17

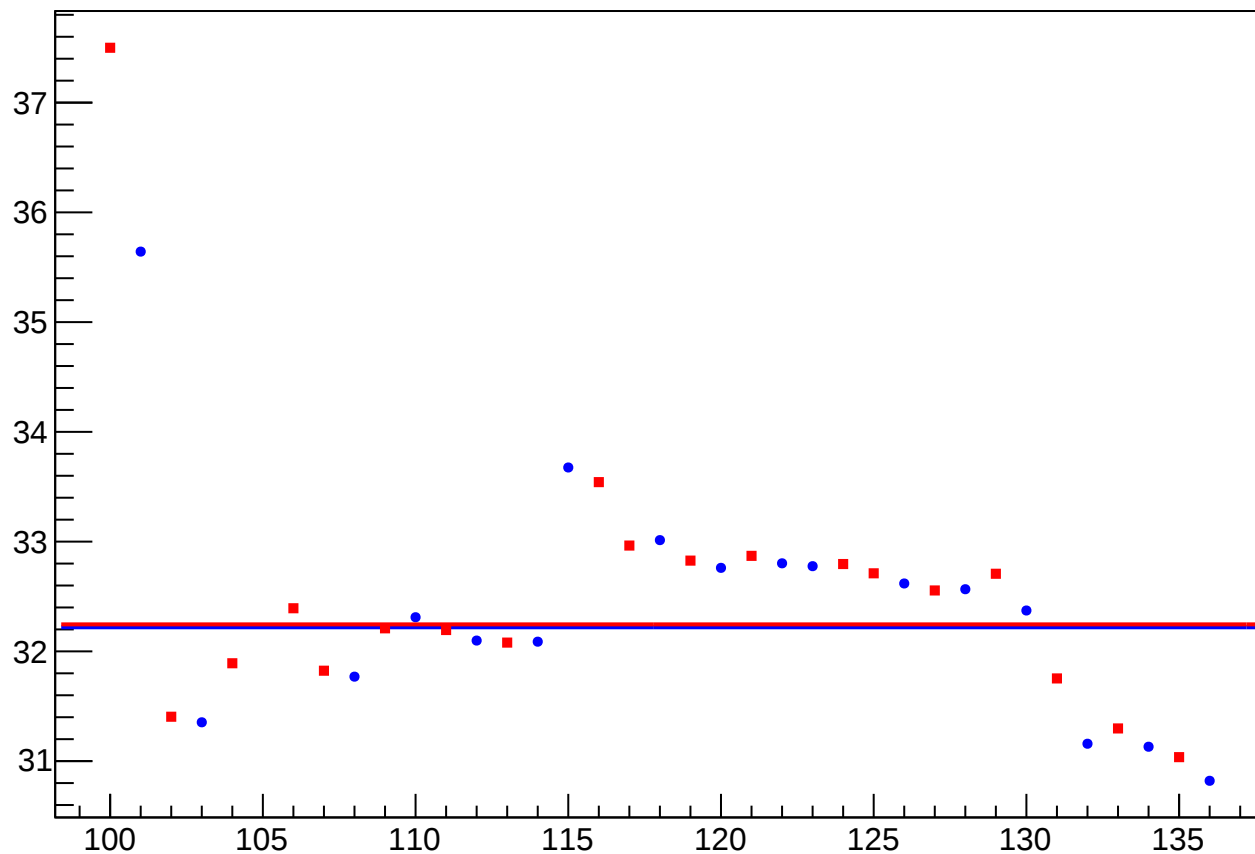
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.068 $\pm$ 0.000 χ^2 /NDF: 629767.4/15

0.069 $\pm$ 0.000 χ^2 /NDF: 1475967.9/33

0.070 $\pm$ 0.000 χ^2 /NDF: 840558.7/17

yield_usr_mean vs Slug, Sign Corrected



Right In: 32.220+/-0.000 χ^2/NDF : 1013864543.3/16

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

Right Out: 32.246+/-0.000 χ^2/NDF : 359023315.8/18

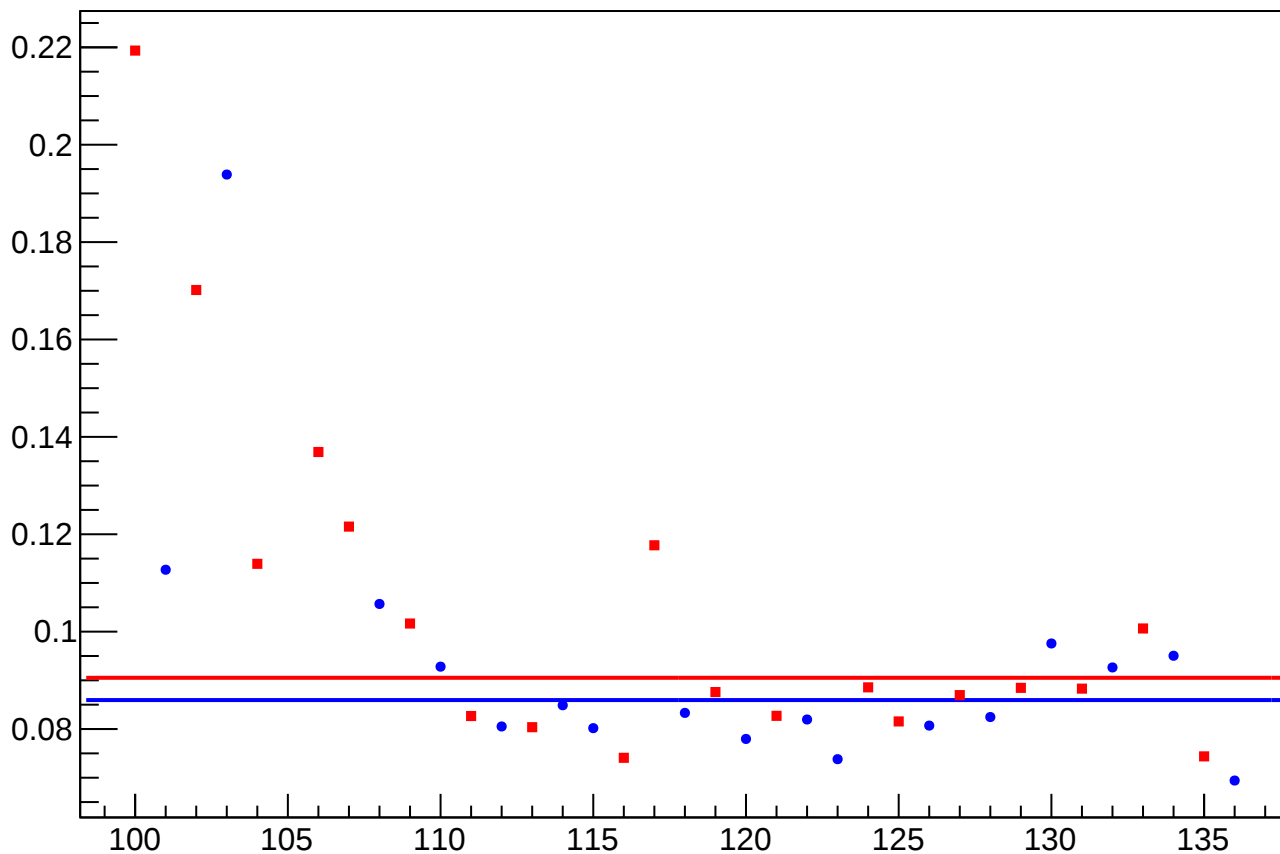
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.220+/-0.000 χ^2/NDF : 1013864543.3/16

32.232+/-0.000 χ^2/NDF : 1373153847.4/3

32.246+/-0.000 χ^2/NDF : 359023315.8/18

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.086+/-0.000 χ^2/NDF : 553280.3/16

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

Right Out: 0.091+/-0.000 χ^2/NDF : 516445.6/18

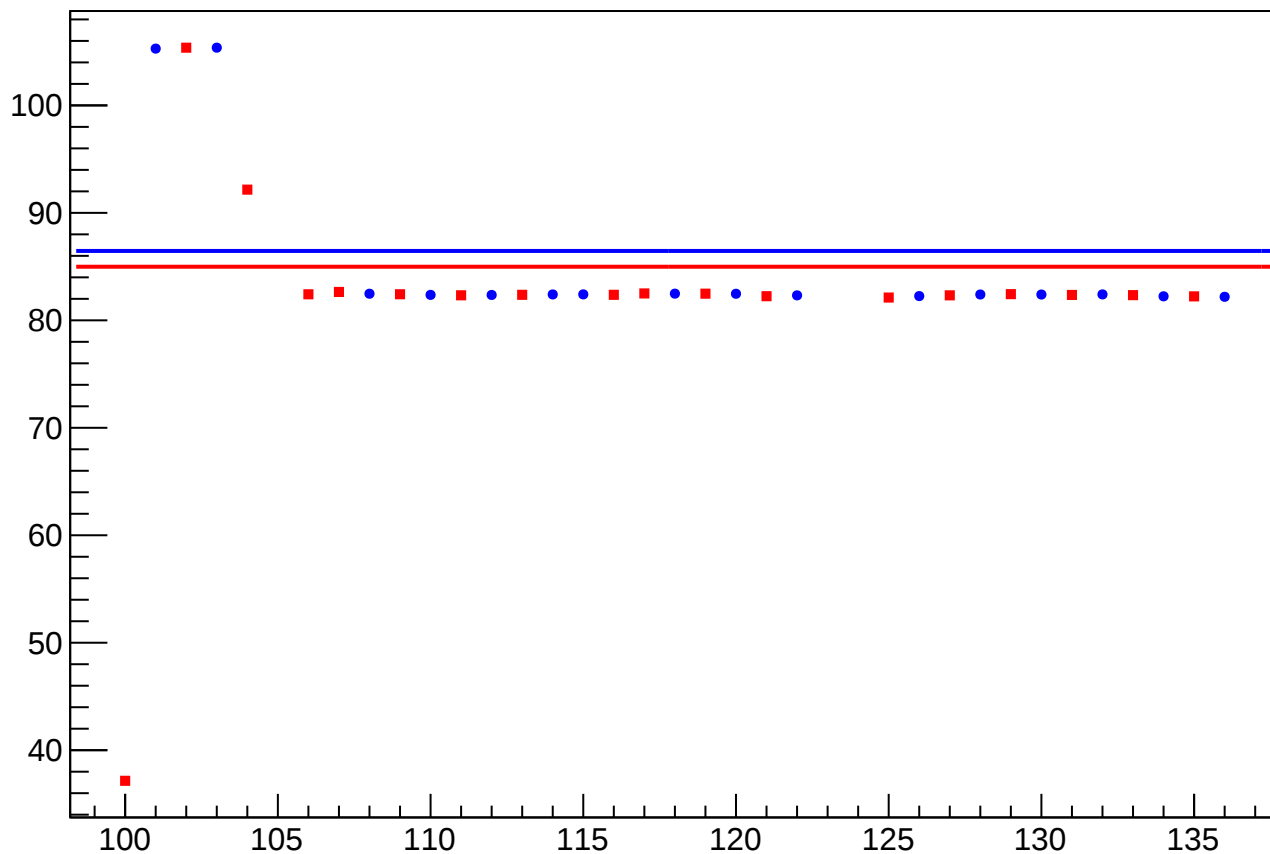
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.086+/-0.000 χ^2/NDF : 553280.3/16

0.088+/-0.000 χ^2/NDF : 1085611.7/35

0.091+/-0.000 χ^2/NDF : 516445.6/18

yield_dsl_mean vs Slug, Sign Corrected



Right In: 86.457+/-0.000 χ^2/NDF : 291421048436.2/15

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

Right Out: 84.988+/-0.000 χ^2/NDF : 171451579902.1/17

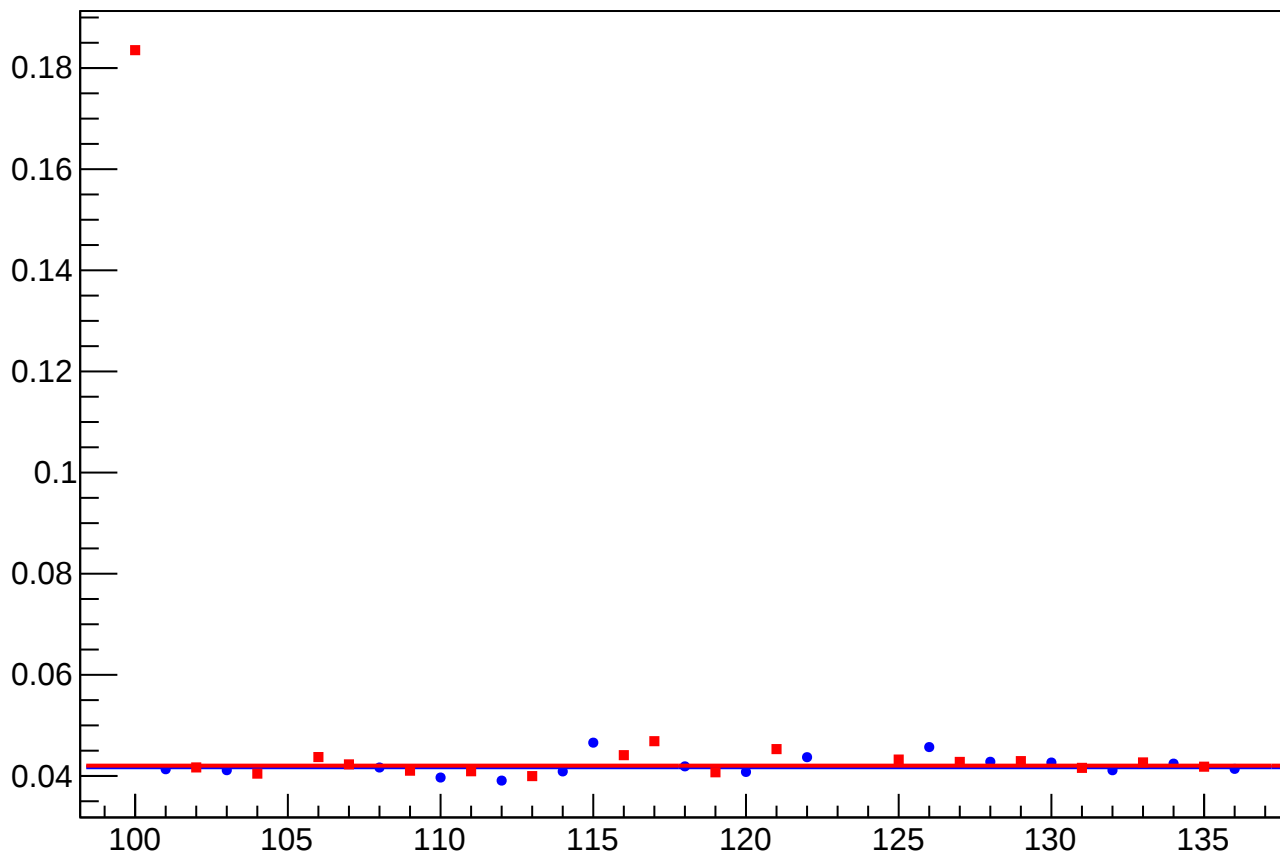
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

86.457+/-0.000 χ^2/NDF : 291421048436.2/15

85.718+/-0.000 χ^2/NDF : 466959366555.3

84.988+/-0.000 χ^2/NDF : 171451579902.1/17

yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.042+/-0.000 χ^2/NDF : 18887.0/15

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

Right Out: 0.042+/-0.000 χ^2/NDF : 97435.9/17

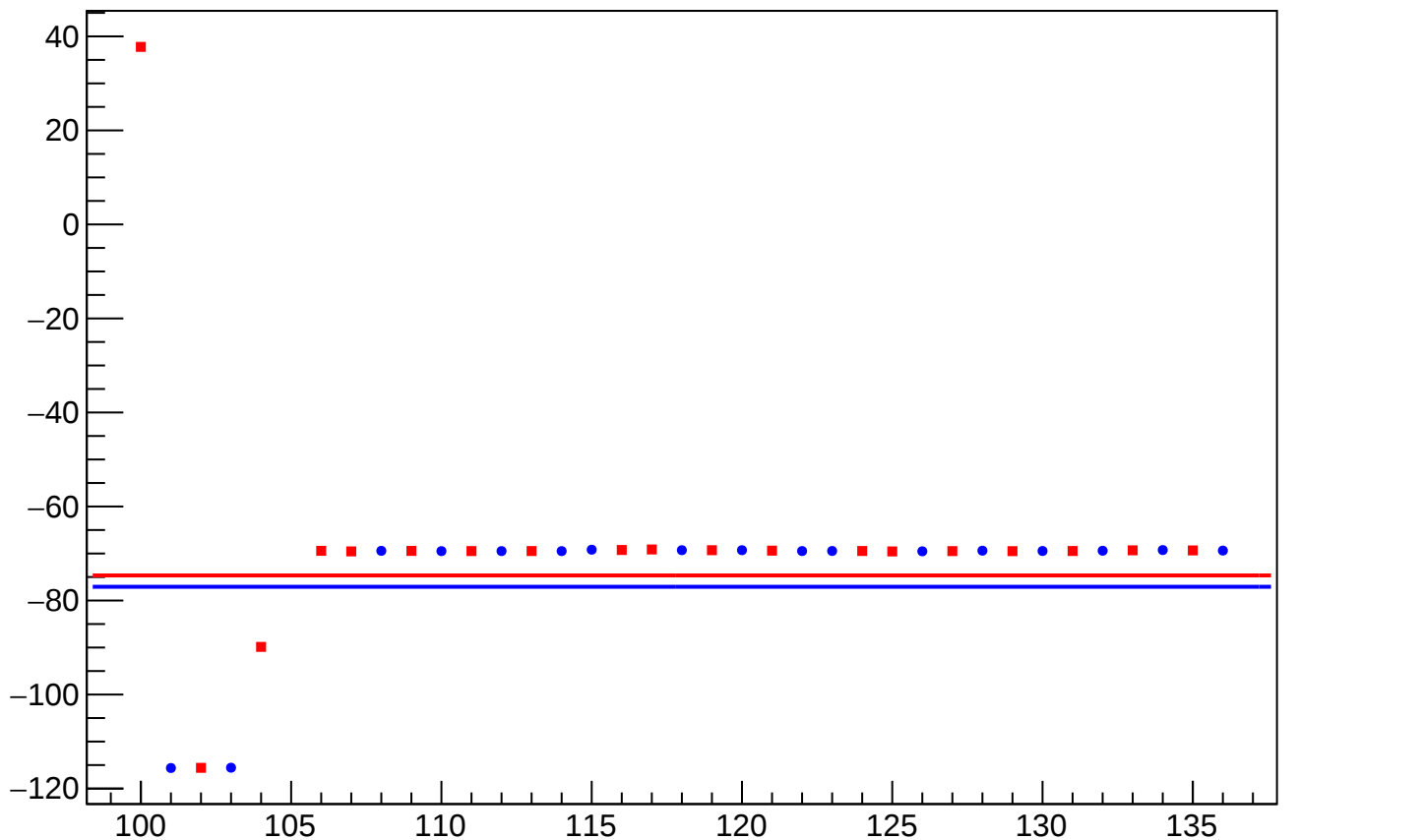
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.042+/-0.000 χ^2/NDF : 18887.0/15

0.042+/-0.000 χ^2/NDF : 116694.5/33

0.042+/-0.000 χ^2/NDF : 97435.9/17

yield_dsr_mean vs Slug, Sign Corrected



Right In: -77.074 $\pm$ 0.000 χ^2 /NDF: 565391865606.1/16

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

-77.074 $\pm$ 0.000 χ^2 /NDF: 565391865606.1/16

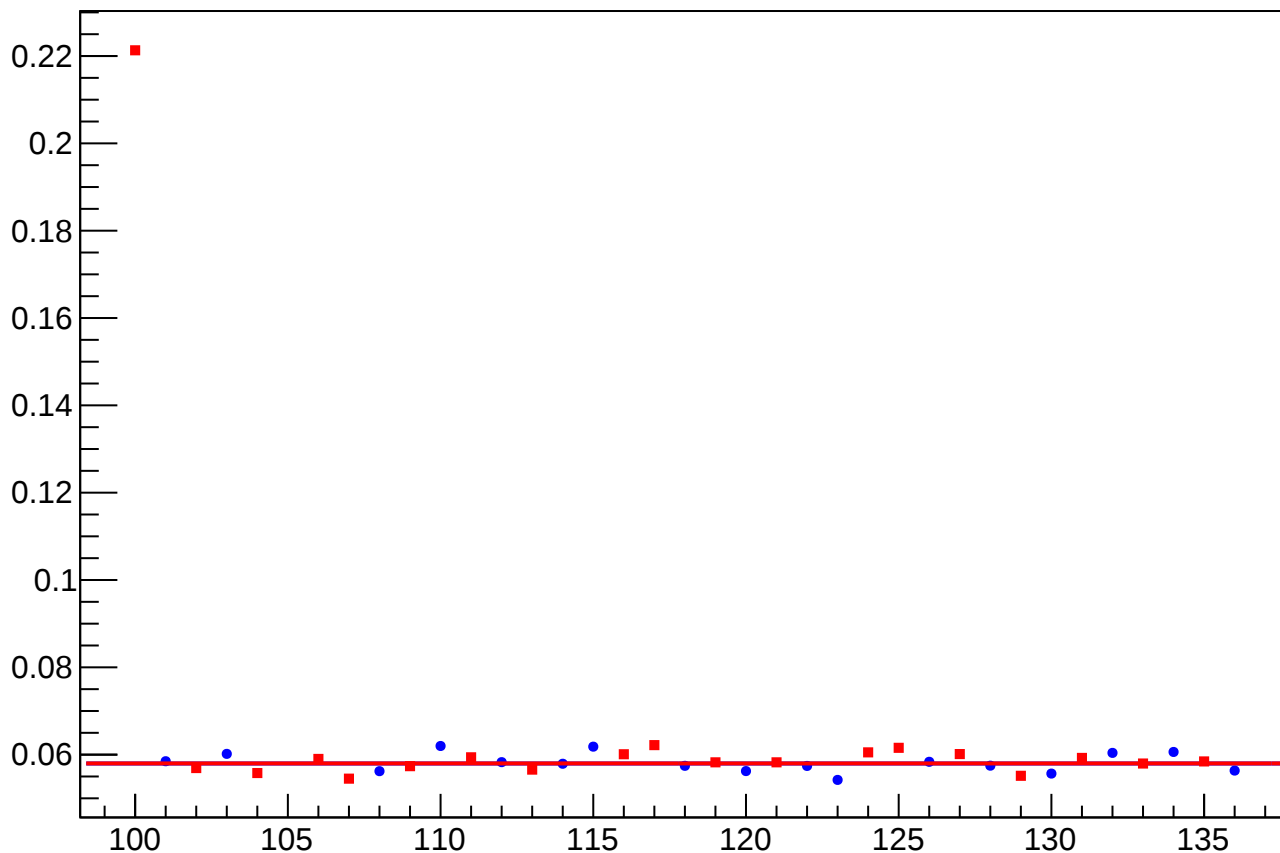
Right Out: -74.662 $\pm$ 0.000 χ^2 /NDF: 370695938663.3/18

-75.843 $\pm$ 0.000 χ^2 /NDF: 941775946108.1/16

-74.662 $\pm$ 0.000 χ^2 /NDF: 370695938663.3/18

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

yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.058+/-0.000 χ^2/NDF : 12275.6/16

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

Right Out: 0.058+/-0.000 χ^2/NDF : 86751.1/18

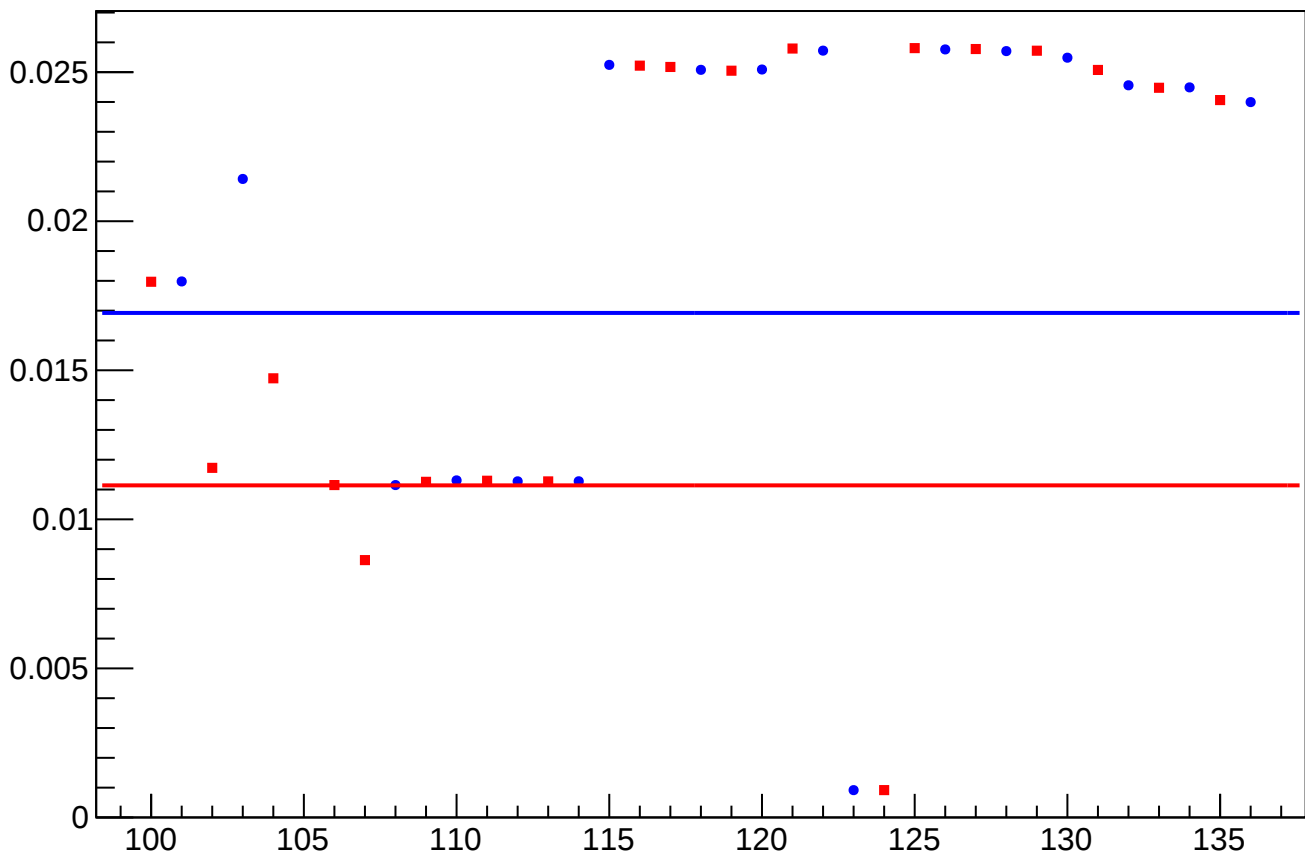
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.058+/-0.000 χ^2/NDF : 12275.6/16

0.058+/-0.000 χ^2/NDF : 99027.5/35

0.058+/-0.000 χ^2/NDF : 86751.1/18

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 126447785006.7/16

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

0.017+/-0.000 χ^2/NDF : 126447785006.7/16

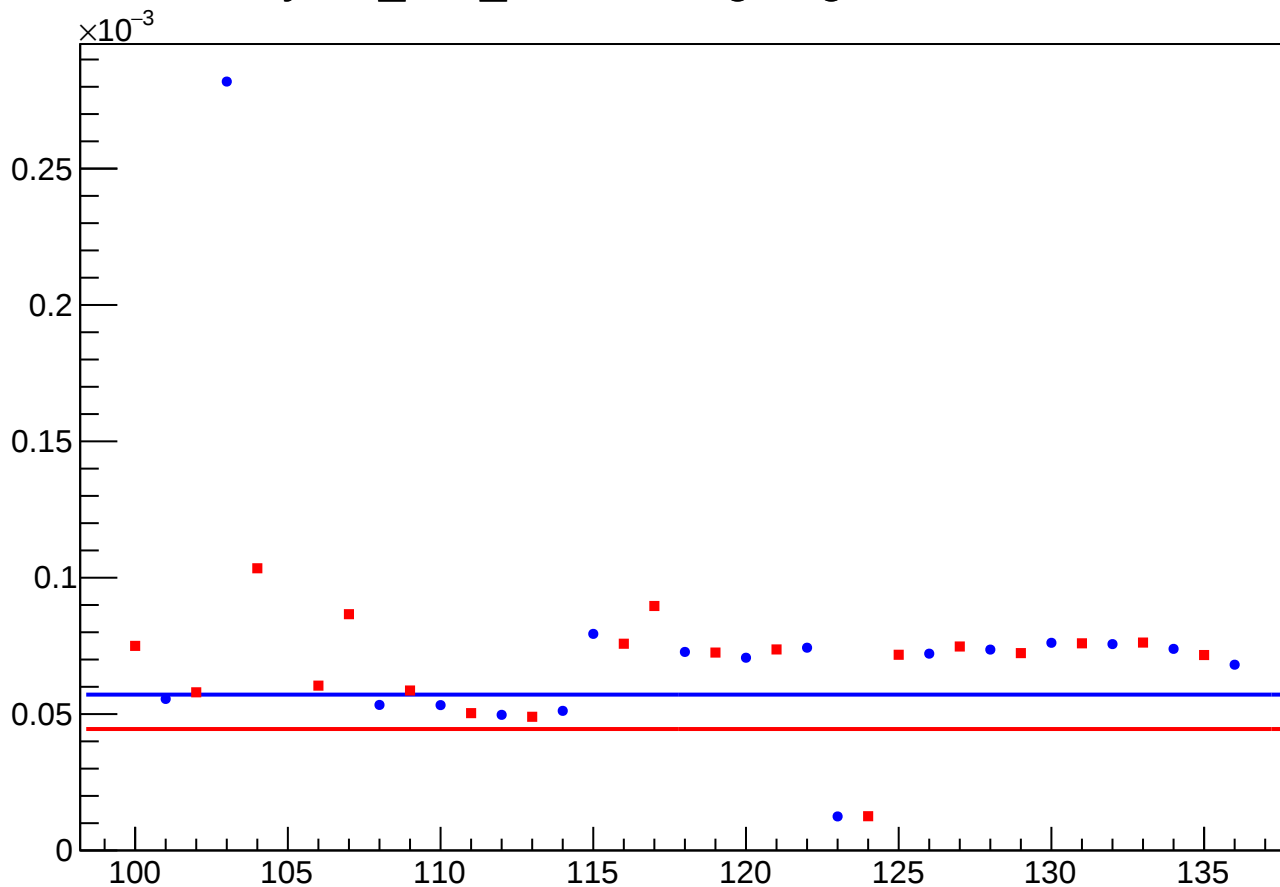
0.014+/-0.000 χ^2/NDF : 388498284020.7/16

Right Out: 0.011+/-0.000 χ^2/NDF : 229249761141.9/18

0.011+/-0.000 χ^2/NDF : 229249761141.9/18

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 : 3568522.2/18

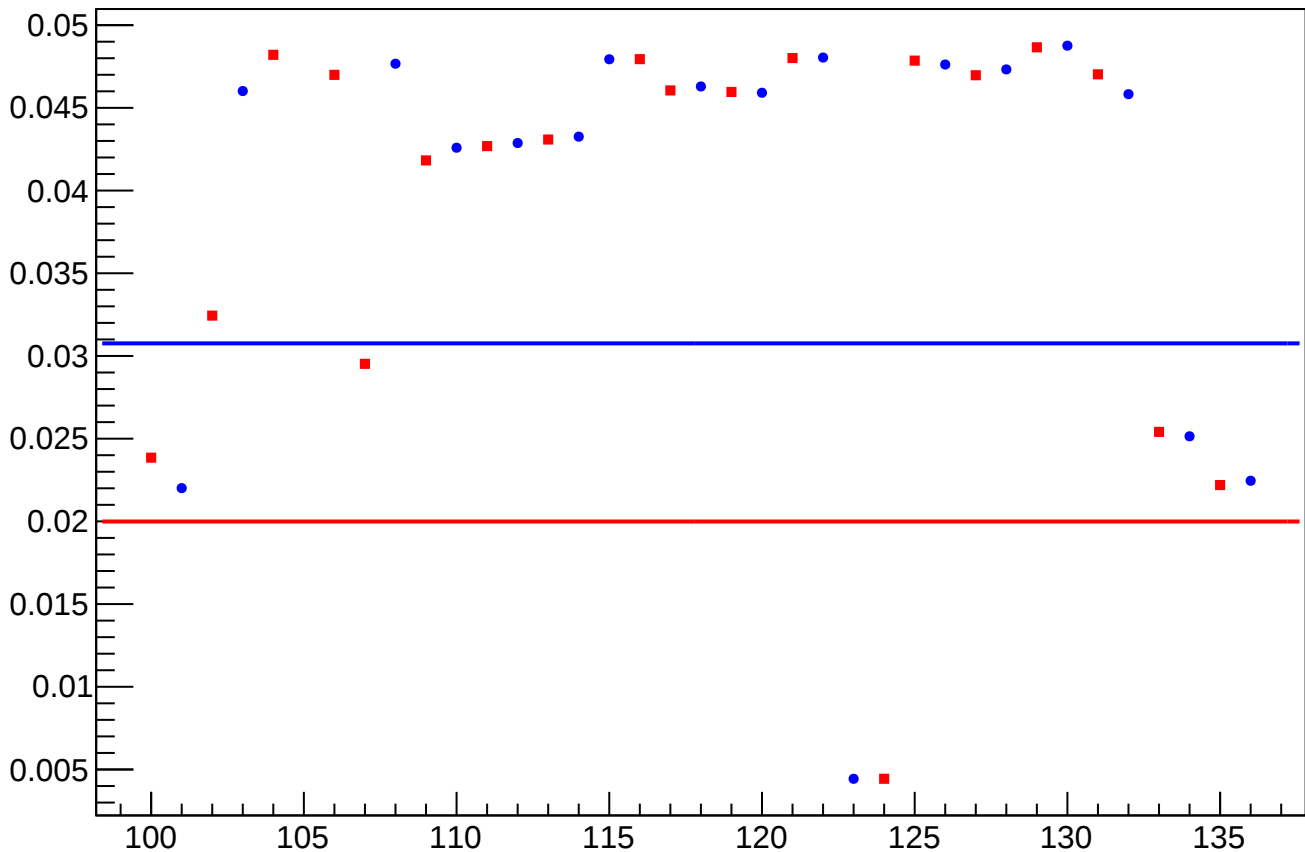
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 2000446.9/16

0.000+/-0.000 χ^2/NDF : 5881001.6/35

0.000+/-0.000 χ^2/NDF : 3568522.2/18

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.031+/-0.000 χ^2/NDF : 21174738549.0/16

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

Right Out: 0.020+/-0.000 χ^2/NDF : 40116304757.1/18

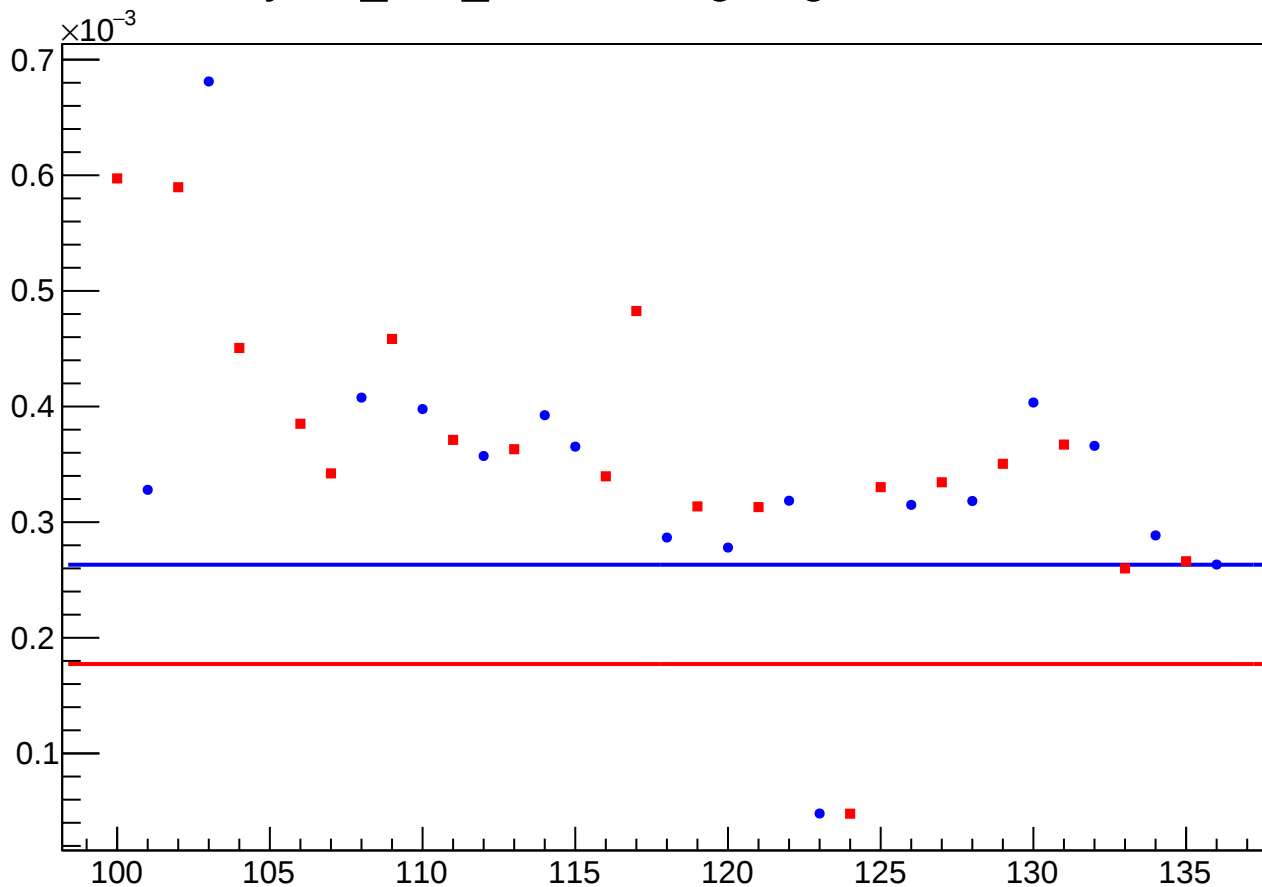
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.031+/-0.000 χ^2/NDF : 21174738549.0/16

0.024+/-0.000 χ^2/NDF : 66366643527.8/3

0.020+/-0.000 χ^2/NDF : 40116304757.1/18

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 : 5341583.4/18

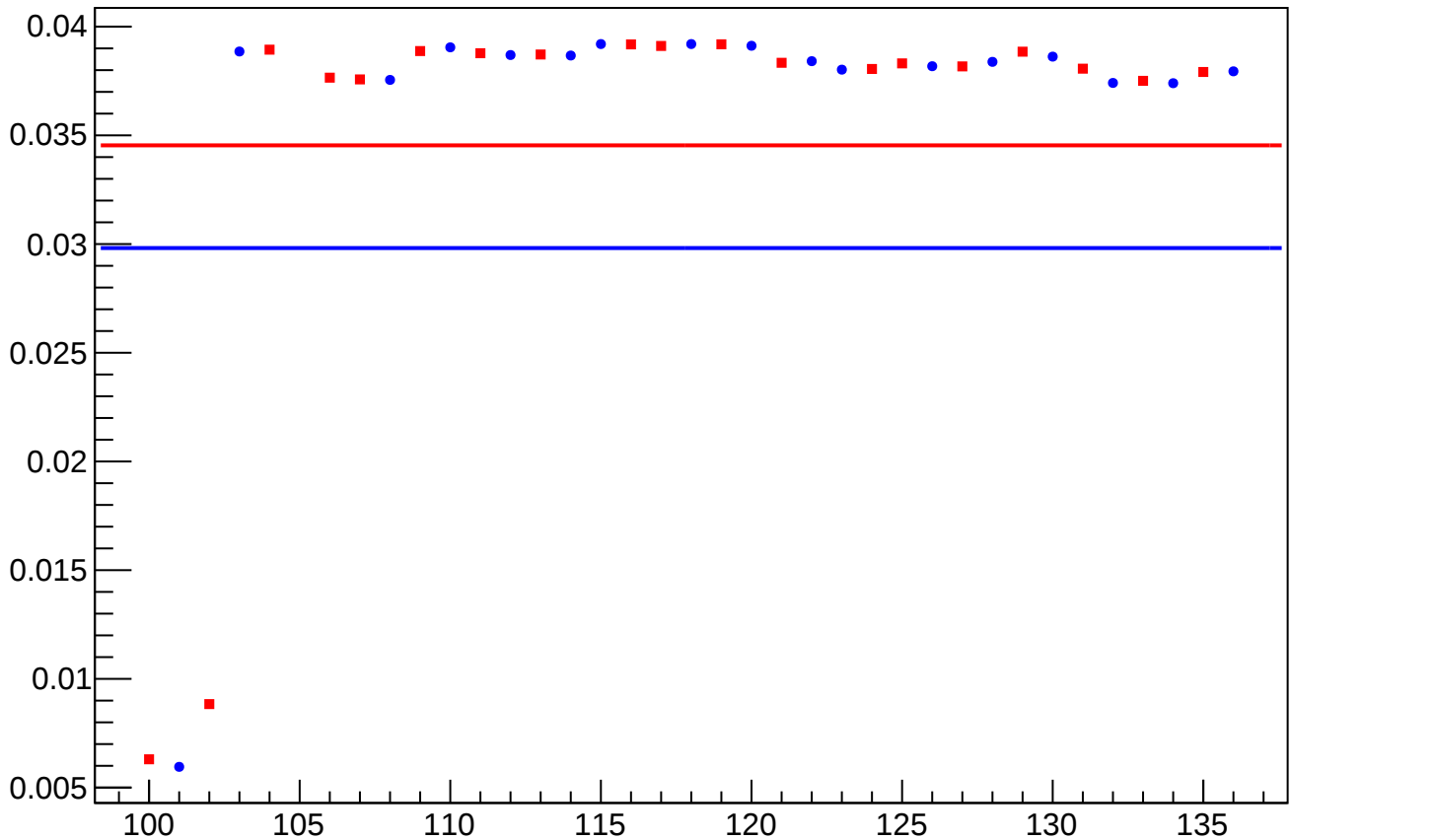
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 2401048.9/16

0.000+/-0.000 χ^2/NDF : 8388121.7/35

0.000+/-0.000 χ^2/NDF : 5341583.4/18

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.030+/-0.000 χ^2/NDF : 97152184939.3/16

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

0.030+/-0.000 χ^2/NDF : 97152184939.3/16

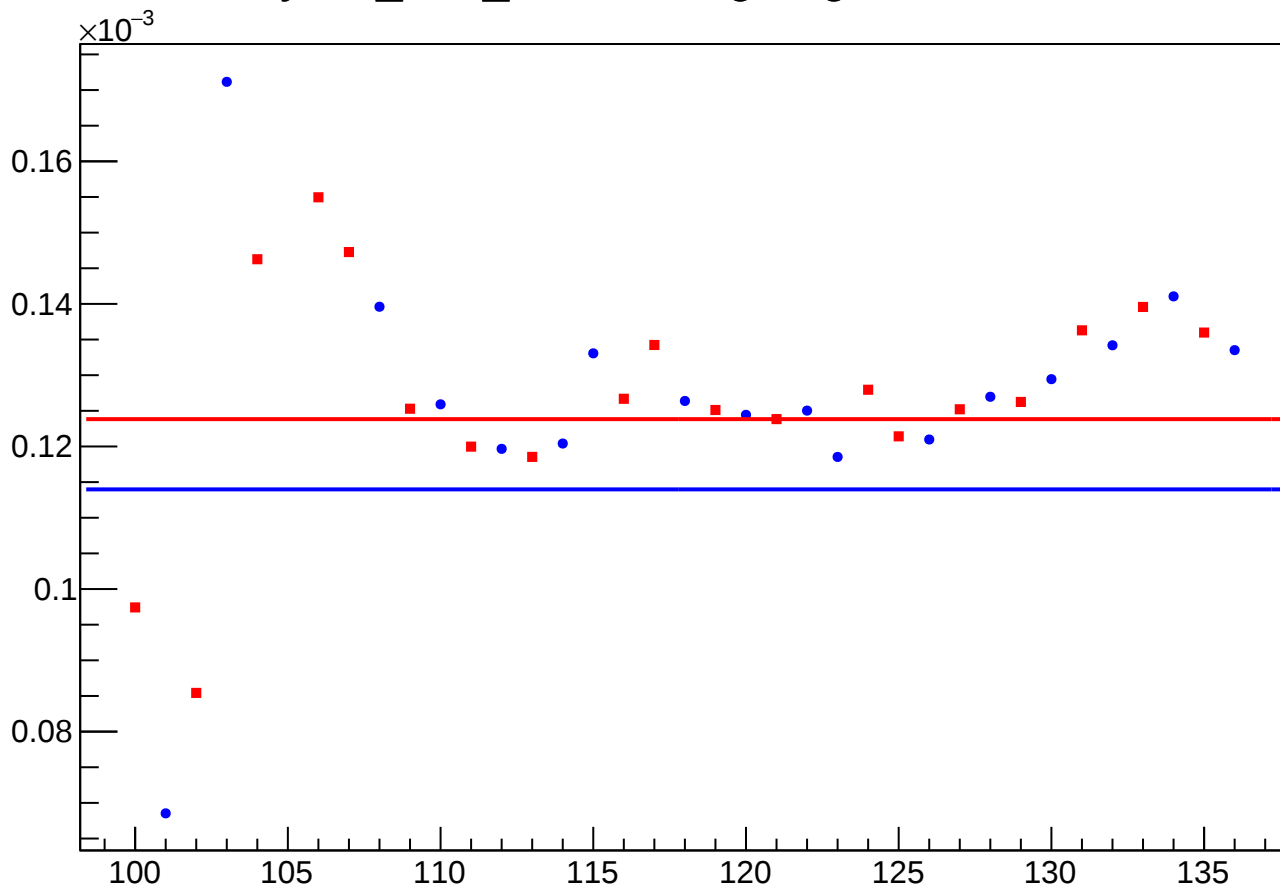
0.032+/-0.000 χ^2/NDF : 145752274694.0/16

Right Out: 0.035+/-0.000 χ^2/NDF : 43611378248.8/18

0.035+/-0.000 χ^2/NDF : 43611378248.8/18

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

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 : 243848.7/18

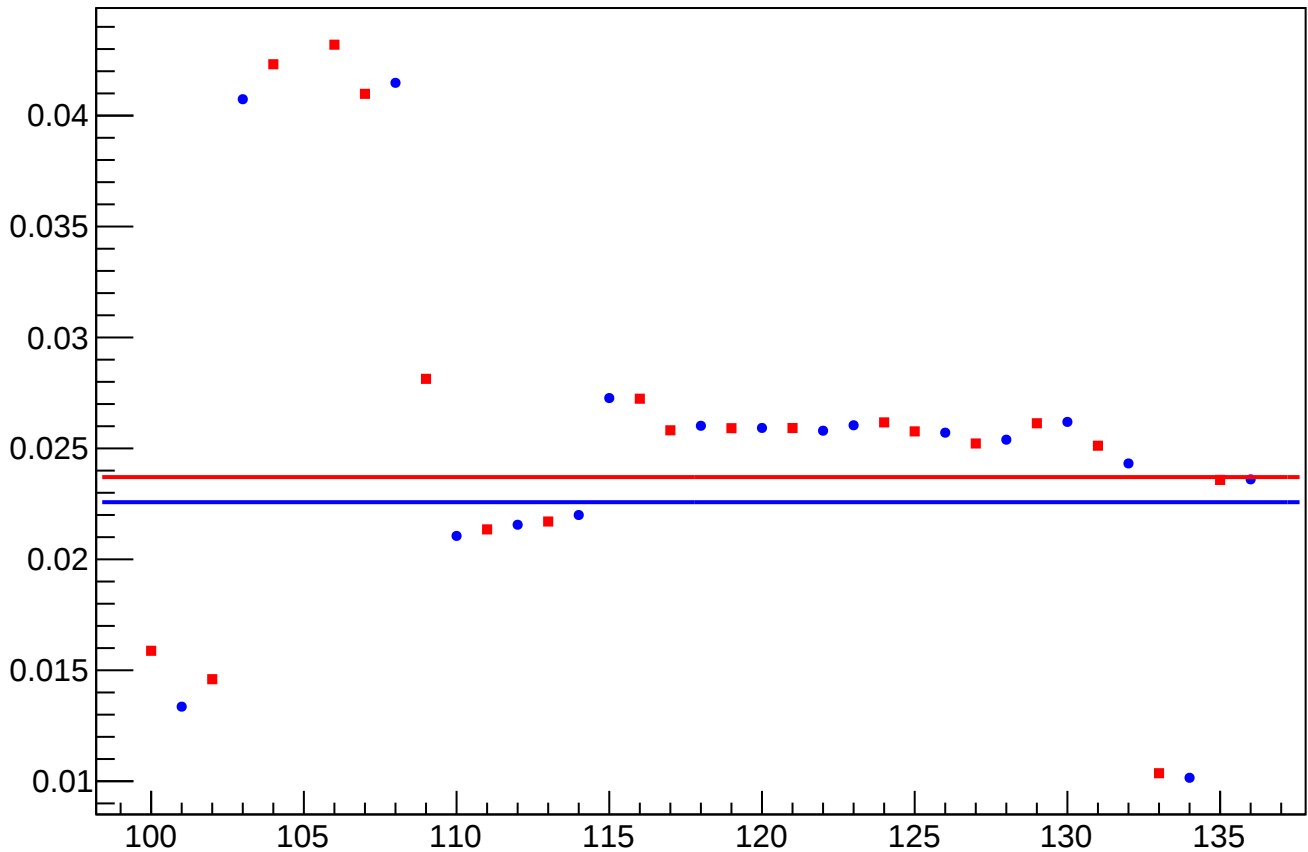
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 794542.9/16

0.000+/-0.000 χ^2/NDF : 1081827.1/35

0.000+/-0.000 χ^2/NDF : 243848.7/18

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 4247774712.9/16

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

Right Out: 0.024+/-0.000 χ^2/NDF : 5652503274.6/18

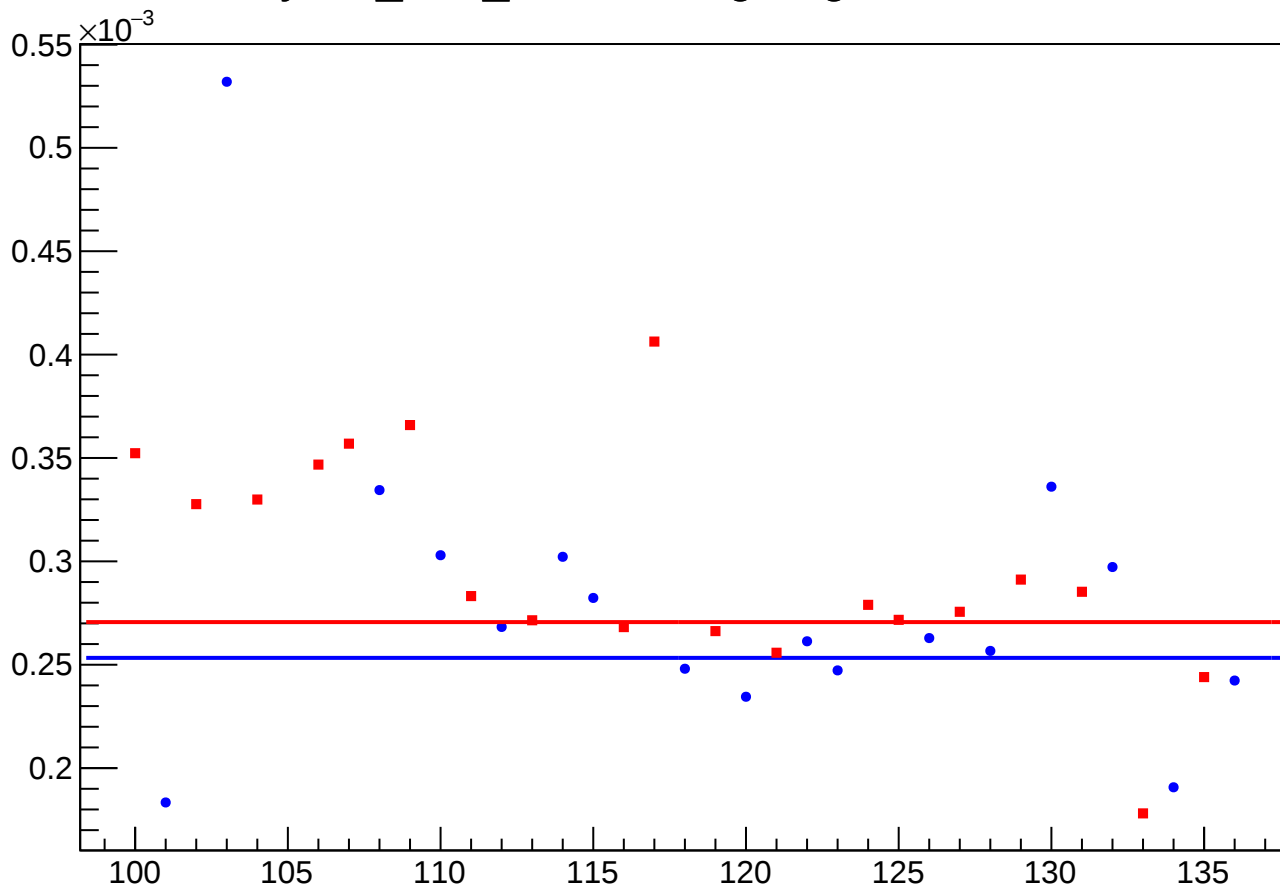
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.023+/-0.000 χ^2/NDF : 4247774712.9/16

0.023+/-0.000 χ^2/NDF : 9955288451.0/35

0.024+/-0.000 χ^2/NDF : 5652503274.6/18

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 : 427877.7/18

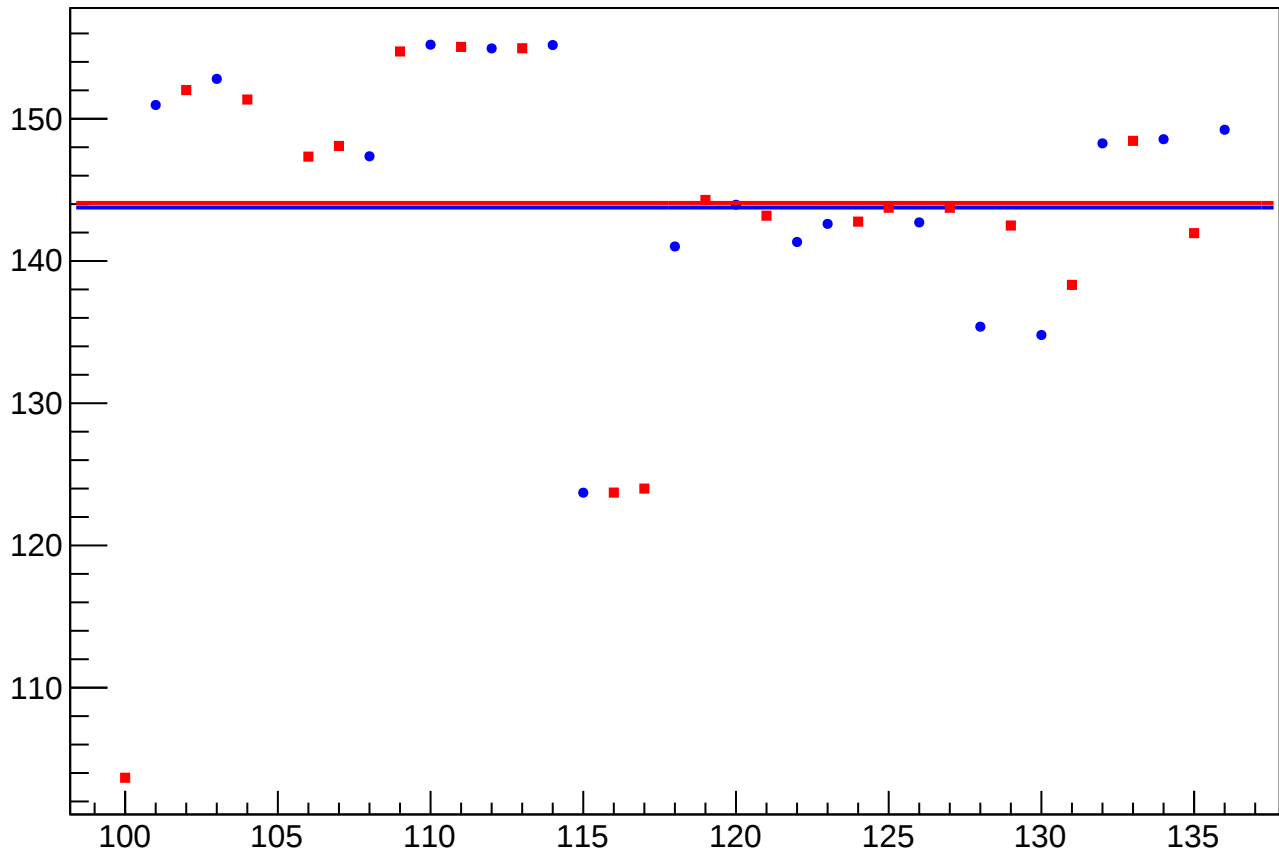
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 629159.2/16

0.000+/-0.000 χ^2/NDF : 1082759.7/35

0.000+/-0.000 χ^2/NDF : 427877.7/18

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 143.763+/-0.000 χ^2/NDF : 3534699505.1/16

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

Right Out: 144.085+/-0.000 χ^2/NDF : 4489805731.9/18

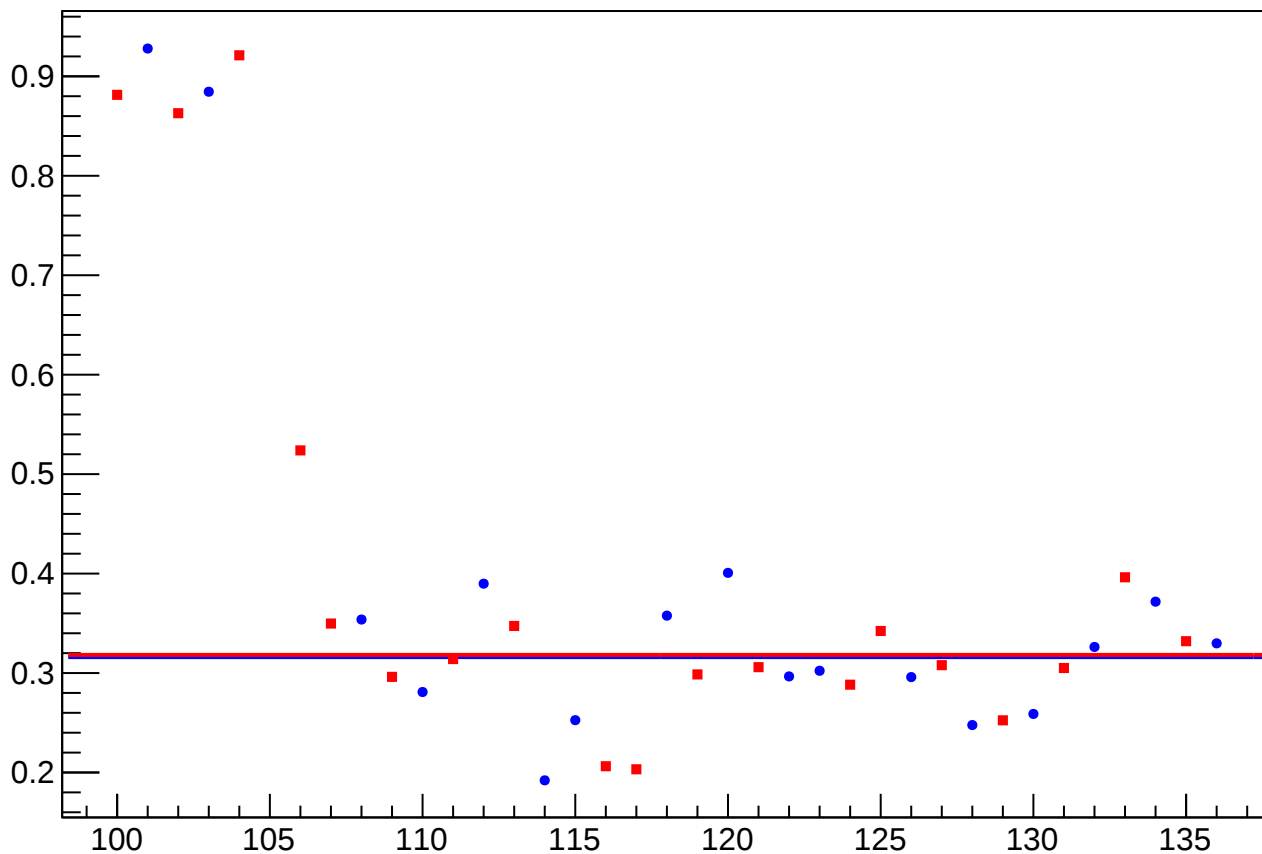
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

143.763+/-0.000 χ^2/NDF : 3534699505.1/16

143.925+/-0.000 χ^2/NDF : 8027406946.0/16

144.085+/-0.000 χ^2/NDF : 4489805731.9/18

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.316+/-0.000 χ^2/NDF : 1265921.5/16

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

Right Out: 0.318+/-0.000 χ^2/NDF : 1229536.3/18

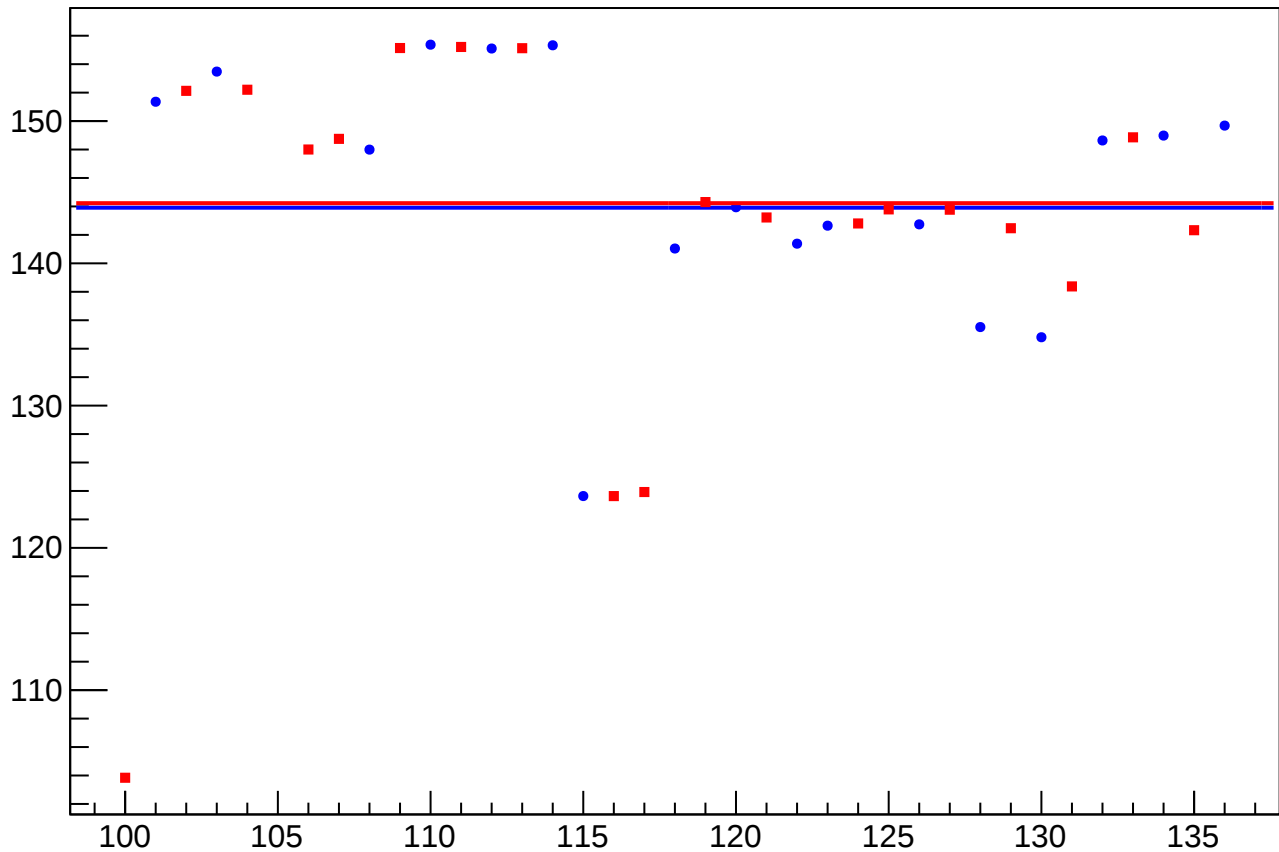
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.316+/-0.000 χ^2/NDF : 1265921.5/16

0.317+/-0.000 χ^2/NDF : 2495732.6/35

0.318+/-0.000 χ^2/NDF : 1229536.3/18

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 143.912+/-0.000 χ^2/NDF : 3587769790.2/16

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

Right Out: 144.229+/-0.000 χ^2/NDF : 4514245035.8/18

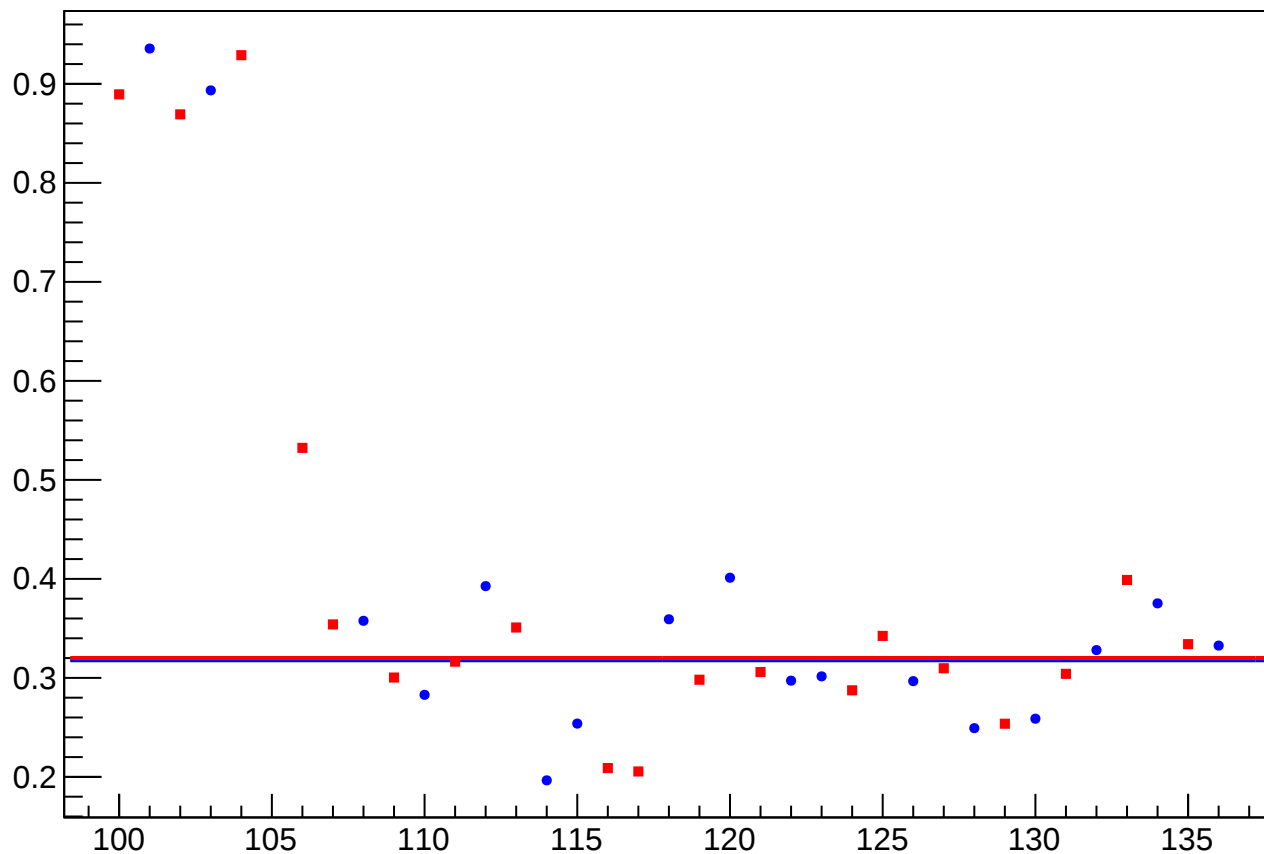
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

143.912+/-0.000 χ^2/NDF : 3587769790.2/16

144.071+/-0.000 χ^2/NDF : 8104794938.8/18

144.229+/-0.000 χ^2/NDF : 4514245035.8/18

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.318+/-0.000 χ^2/NDF : 1268257.9/16

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

Right Out: 0.320+/-0.000 χ^2/NDF : 1231958.8/18

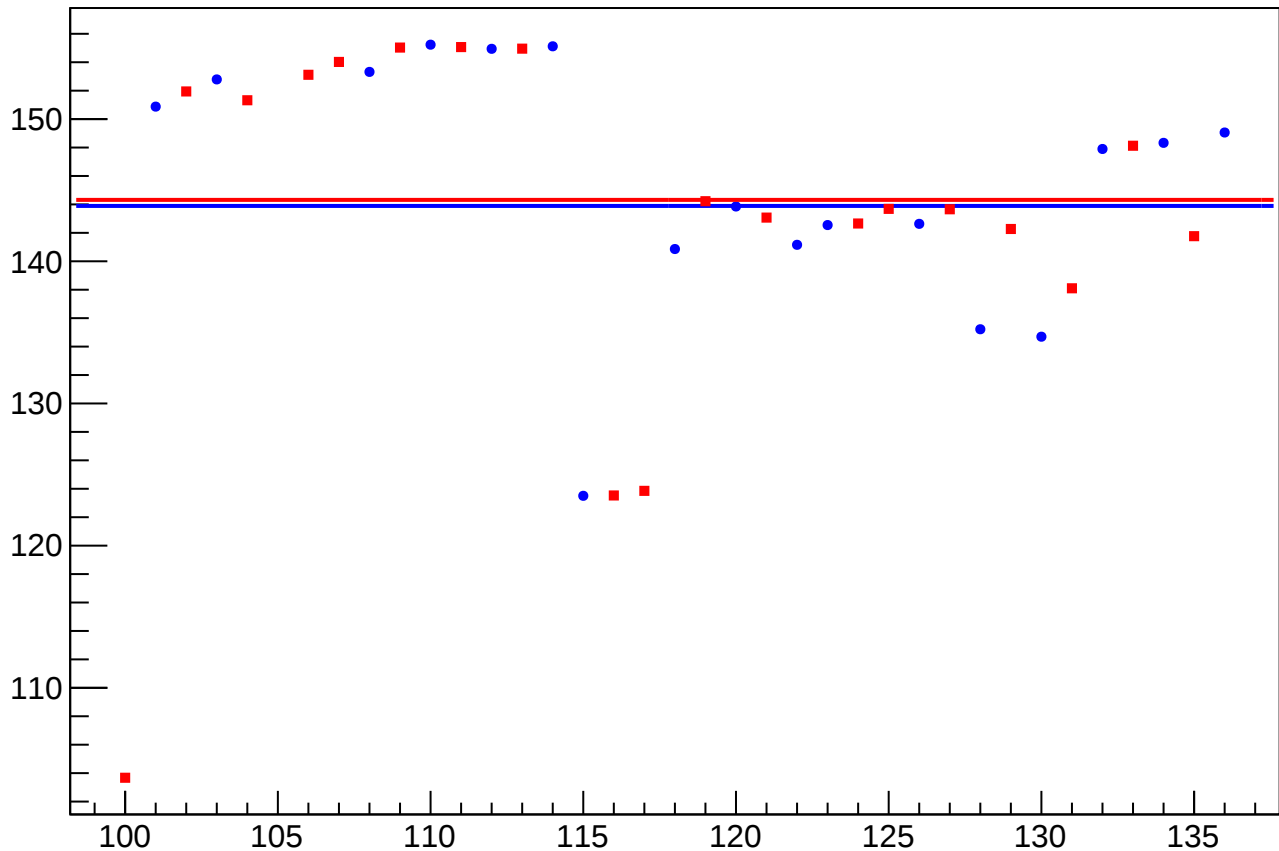
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.318+/-0.000 χ^2/NDF : 1268257.9/16

0.319+/-0.000 χ^2/NDF : 2500509.0/35

0.320+/-0.000 χ^2/NDF : 1231958.8/18

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 143.893+/-0.000 χ^2/NDF : 3752655677.2/16

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

Right Out: 144.319+/-0.000 χ^2/NDF : 4790744717.5/18

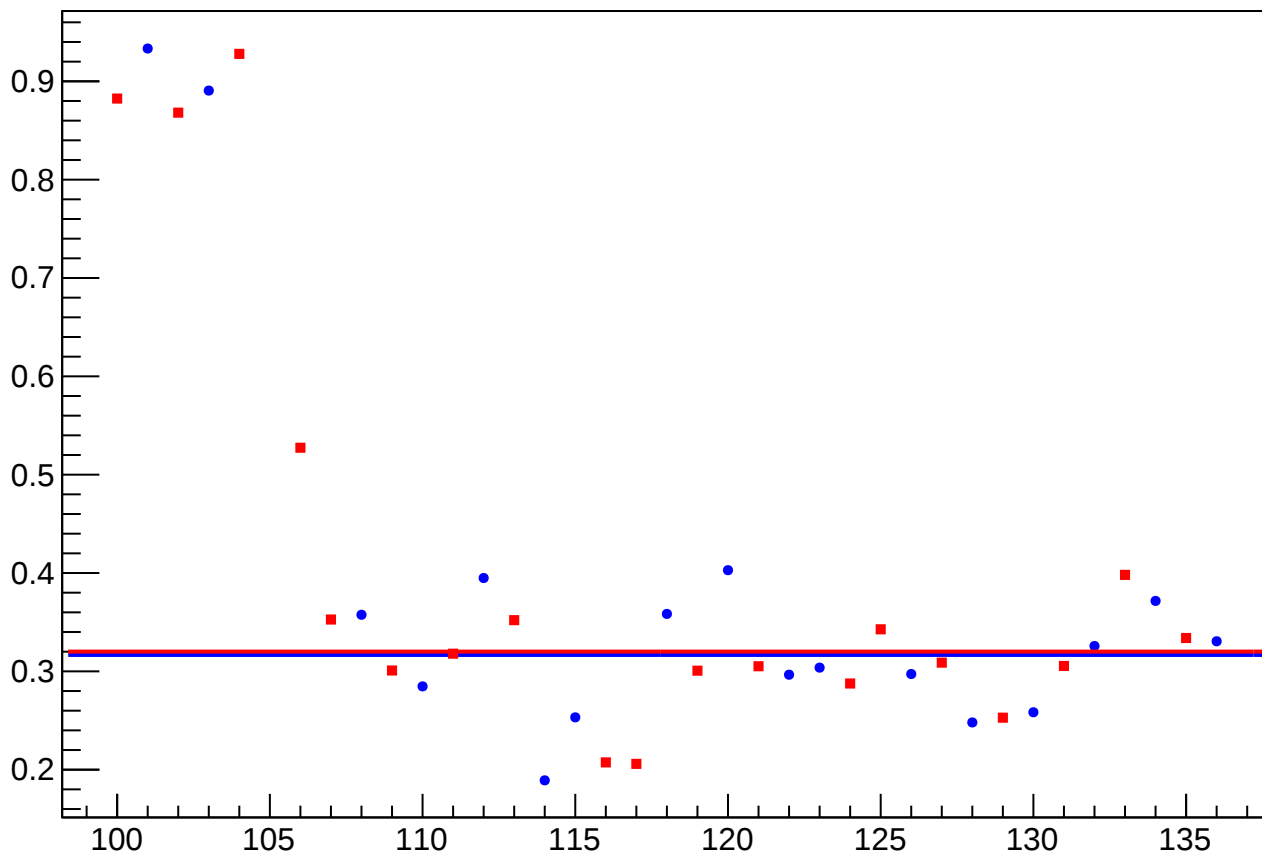
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

143.893+/-0.000 χ^2/NDF : 3752655677.2/16

144.107+/-0.000 χ^2/NDF : 8548417776.9/16

144.319+/-0.000 χ^2/NDF : 4790744717.5/18

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.317+/-0.000 χ^2/NDF : 1280358.6/16

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

Right Out: 0.320+/-0.000 χ^2/NDF : 1232667.6/18

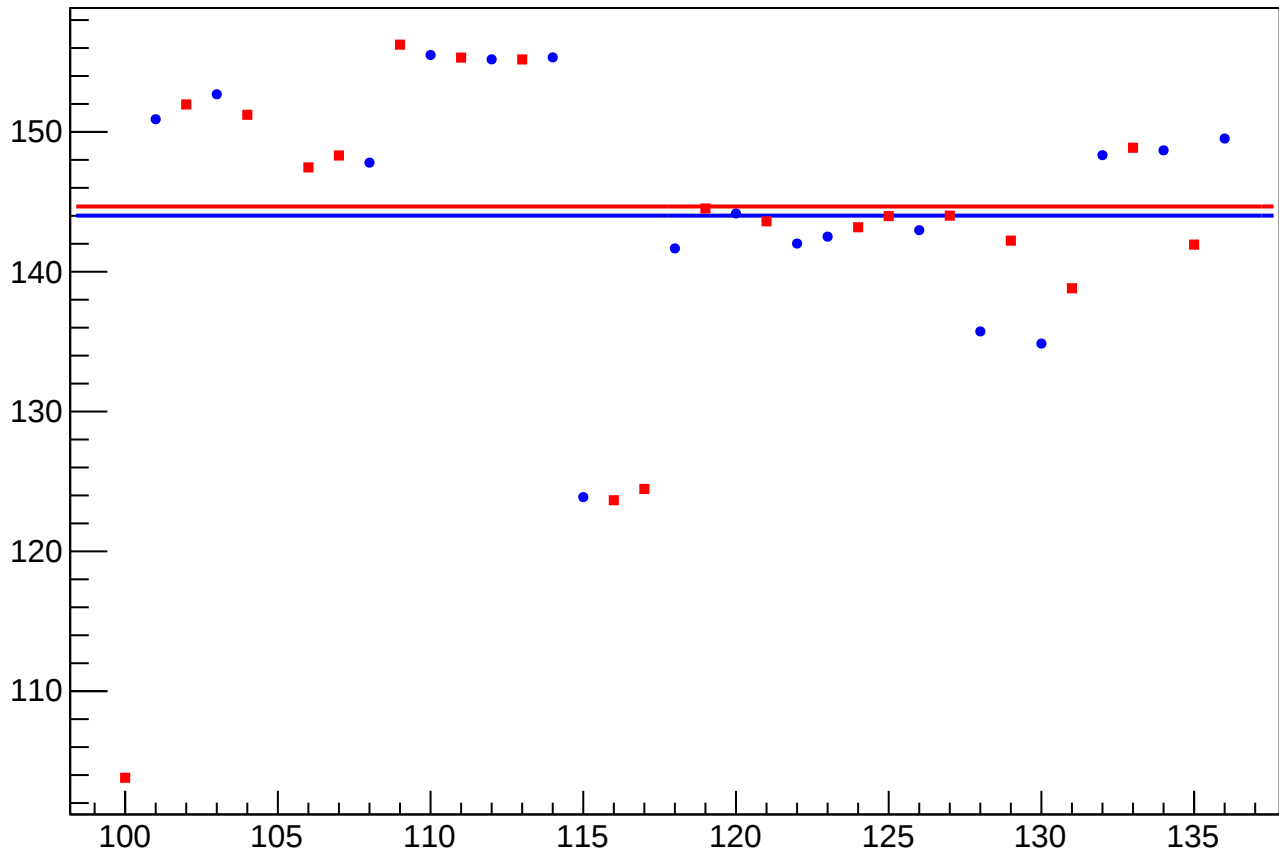
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.317+/-0.000 χ^2/NDF : 1280358.6/16

0.318+/-0.000 χ^2/NDF : 2513671.2/35

0.320+/-0.000 χ^2/NDF : 1232667.6/18

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 144.012+/-0.000 χ^2/NDF : 3241696920.3/16

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

Right Out: 144.668+/-0.000 χ^2/NDF : 4071319579.8/18

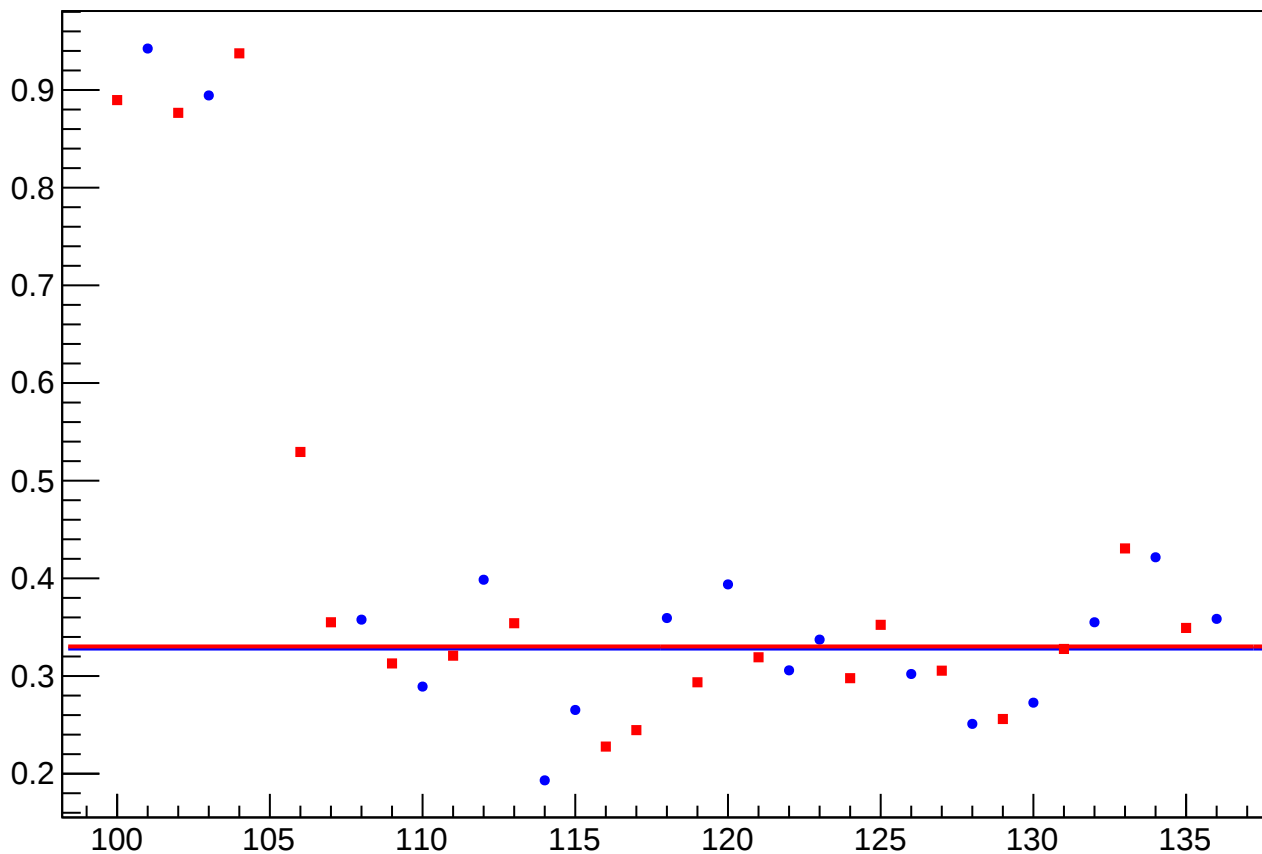
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

144.012+/-0.000 χ^2/NDF : 3241696920.3/16

144.343+/-0.000 χ^2/NDF : 7324147434.1/16

144.668+/-0.000 χ^2/NDF : 4071319579.8/18

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.328 $\pm$ 0.000 χ^2 /NDF: 1265892.9/16

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

Right Out: 0.330 $\pm$ 0.000 χ^2 /NDF: 1181779.8/18

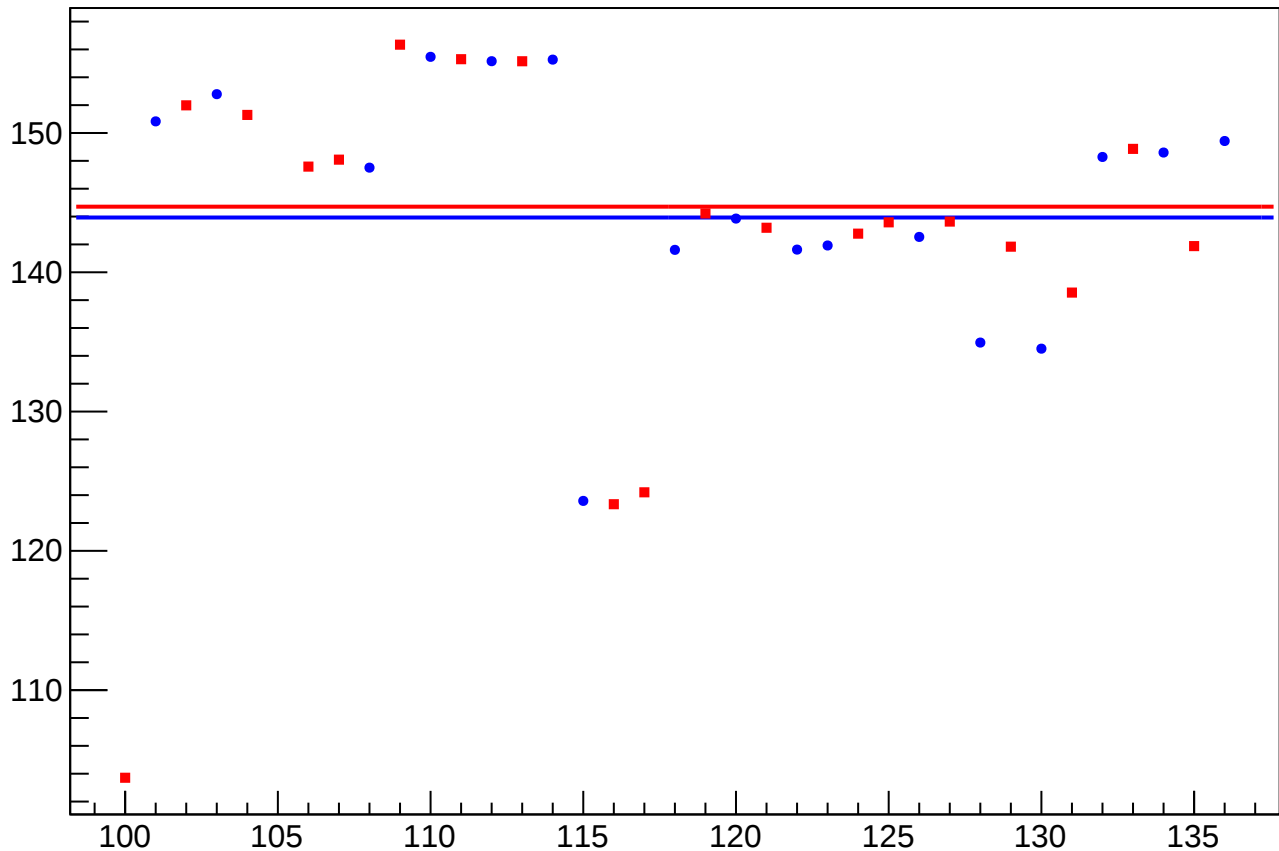
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.328 $\pm$ 0.000 χ^2 /NDF: 1265892.9/16

0.329 $\pm$ 0.000 χ^2 /NDF: 2447907.6/35

0.330 $\pm$ 0.000 χ^2 /NDF: 1181779.8/18

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 143.932 ± 0.000 χ^2/NDF : 3383012861.2/16

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

Right Out: 144.710 ± 0.000 χ^2/NDF : 4113333684.5/18

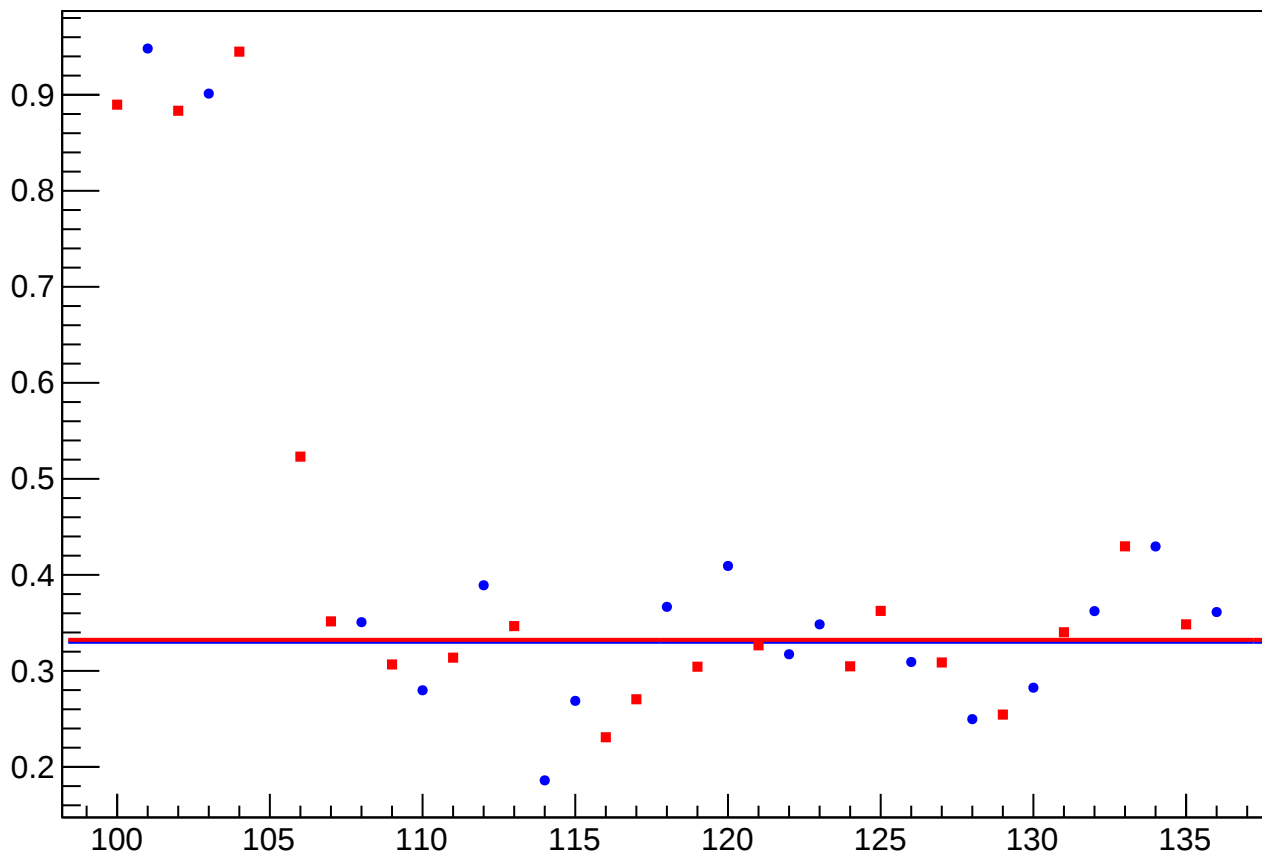
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

143.932 ± 0.000 χ^2/NDF : 3383012861.2/16

144.326 ± 0.000 χ^2/NDF : 7511780297.5/16

144.710 ± 0.000 χ^2/NDF : 4113333684.5/18

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.330+/-0.000 χ^2/NDF : 1283955.7/16

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

Right Out: 0.332+/-0.000 χ^2/NDF : 1167296.5/18

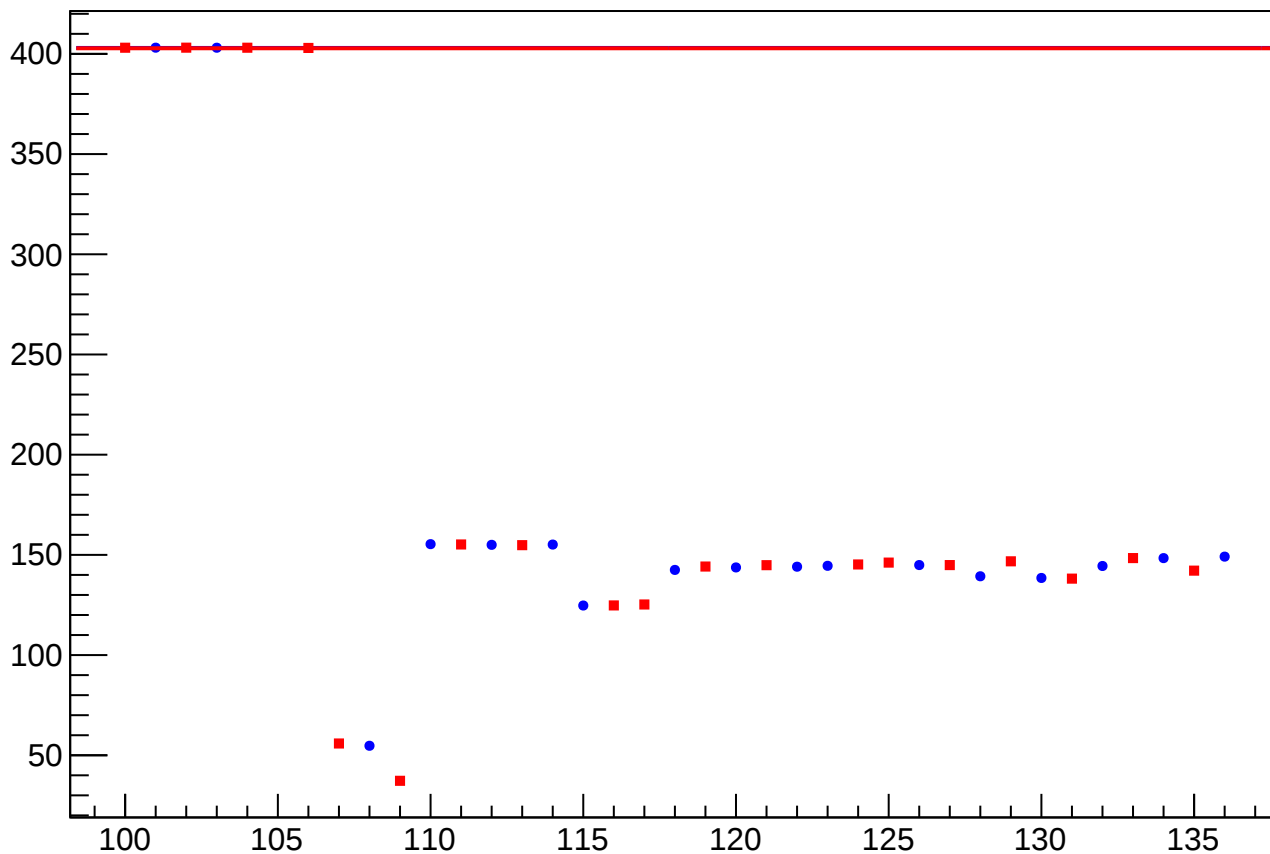
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.330+/-0.000 χ^2/NDF : 1283955.7/16

0.331+/-0.000 χ^2/NDF : 2451466.0/35

0.332+/-0.000 χ^2/NDF : 1167296.5/18

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 402.958+/-0.000 χ^2/NDF : 1094364588383.4/16

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

Right Out: 402.803+/-0.000 χ^2/NDF : 3063598495875.4/18

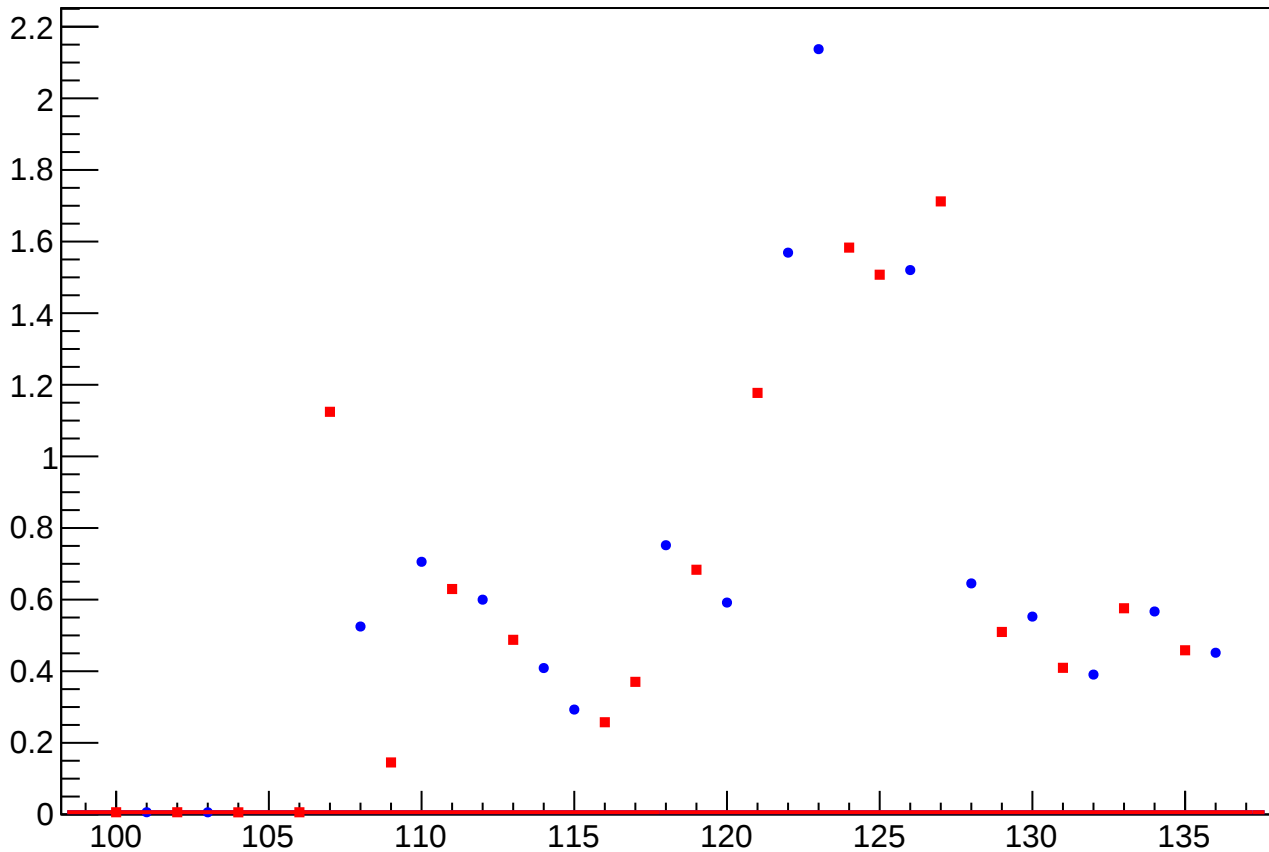
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

402.958+/-0.000 χ^2/NDF : 1094364588383.4/16

402.876+/-0.000 χ^2/NDF : 415835697817

402.803+/-0.000 χ^2/NDF : 3063598495875.4/18

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 9079322.7/16

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

Right Out: 0.006+/-0.000 χ^2/NDF : 8899378.1/18

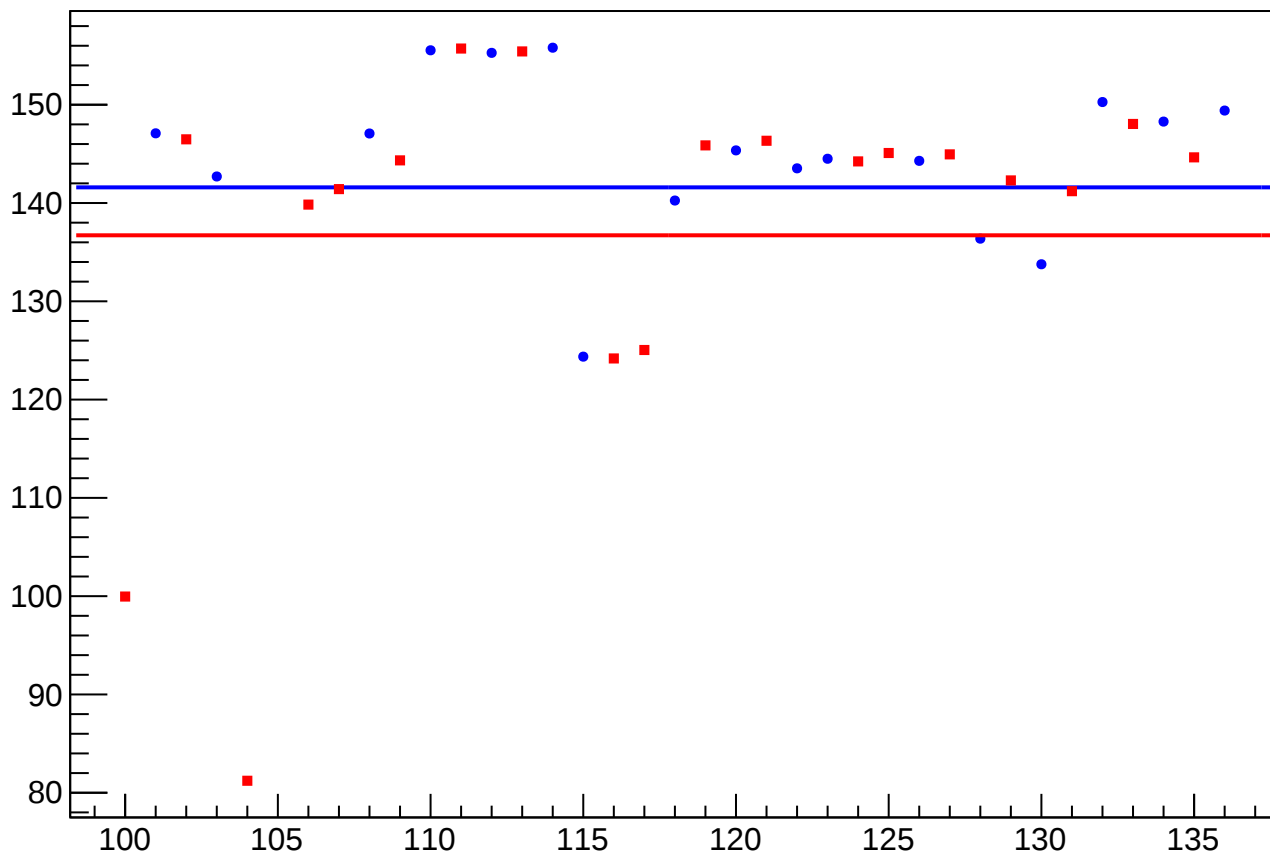
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 9079322.7/16

0.006+/-0.000 χ^2/NDF : 17978712.9/35

0.006+/-0.000 χ^2/NDF : 8899378.1/18

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 141.593+/-0.000 χ^2/NDF : 980101868.2/16

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

Right Out: 136.715+/-0.000 χ^2/NDF : 1303682159.8/18

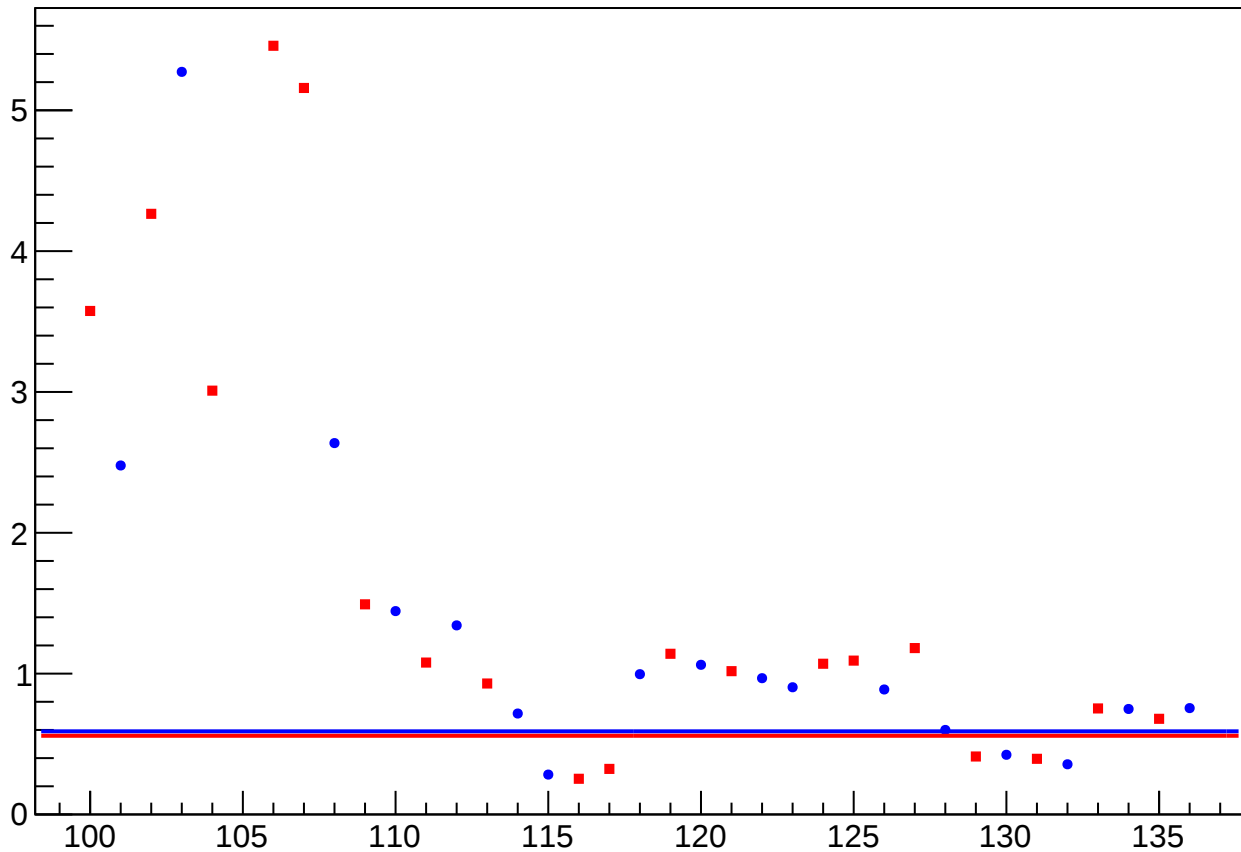
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

141.593+/-0.000 χ^2/NDF : 980101868.2/16

139.097+/-0.000 χ^2/NDF : 2406680920.2/16

136.715+/-0.000 χ^2/NDF : 1303682159.8/18

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.590+/-0.000 χ^2/NDF : 3491995.1/16

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

Right Out: 0.559+/-0.000 χ^2/NDF : 4721290.6/18

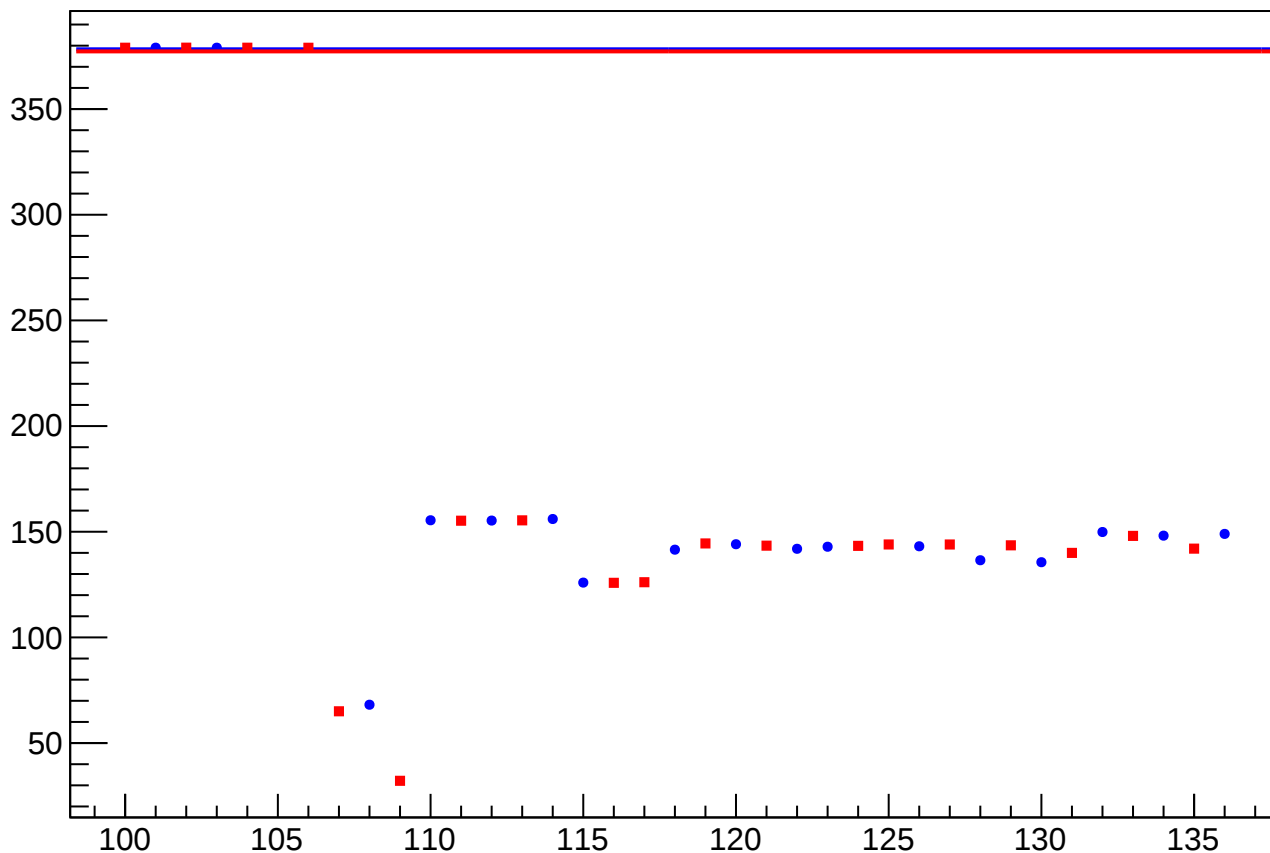
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.590+/-0.000 χ^2/NDF : 3491995.1/16

0.574+/-0.000 χ^2/NDF : 8223559.5/35

0.559+/-0.000 χ^2/NDF : 4721290.6/18

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 378.283+/-0.000 χ^2/NDF : 2508313421453.8/16

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

Right Out: 377.294+/-0.000 χ^2/NDF : 8265014406671.5/18

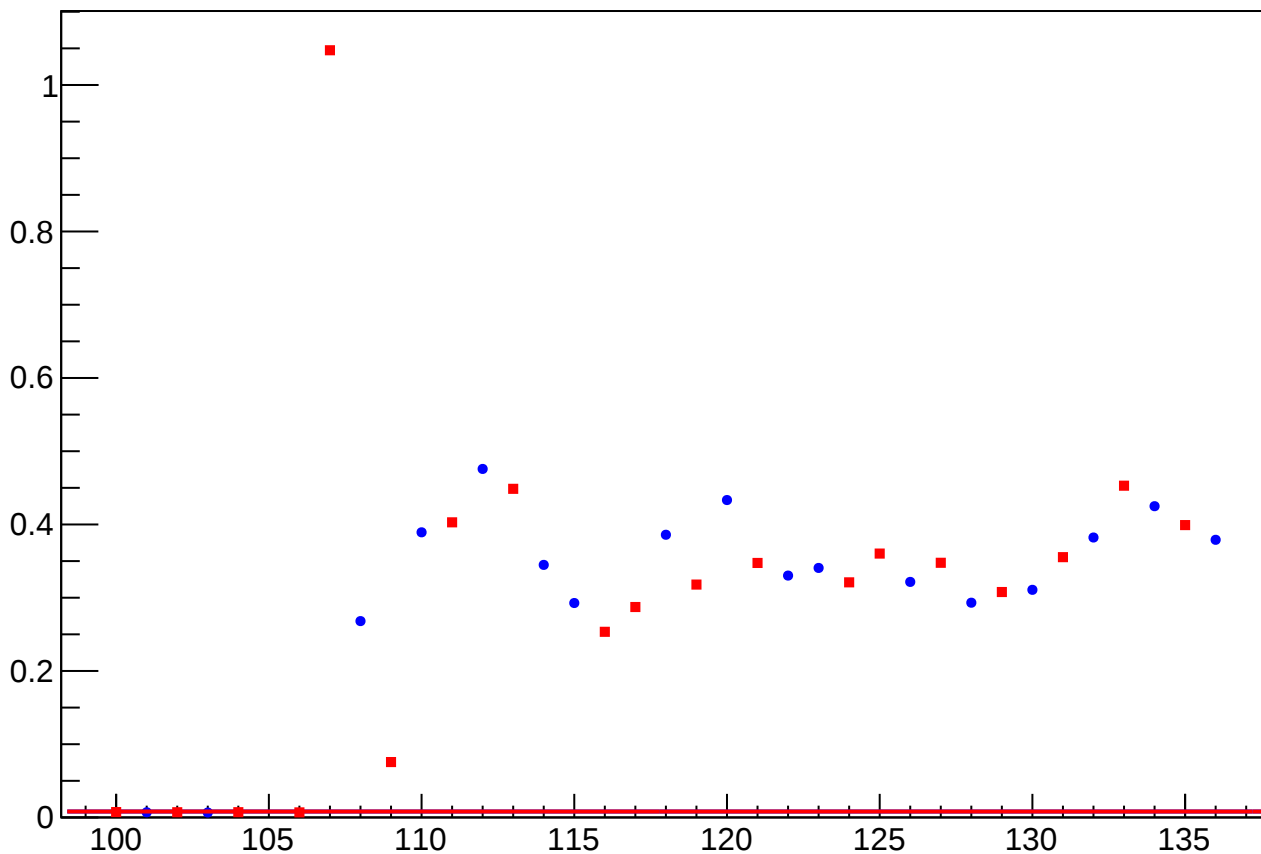
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

378.283+/-0.000 χ^2/NDF : 2508313421453.8/16

377.756+/-0.000 χ^2/NDF : 107802620019

377.294+/-0.000 χ^2/NDF : 8265014406671.5/18

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 9806719.4/16

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

Right Out: 0.008+/-0.000 χ^2/NDF : 9230606.7/18

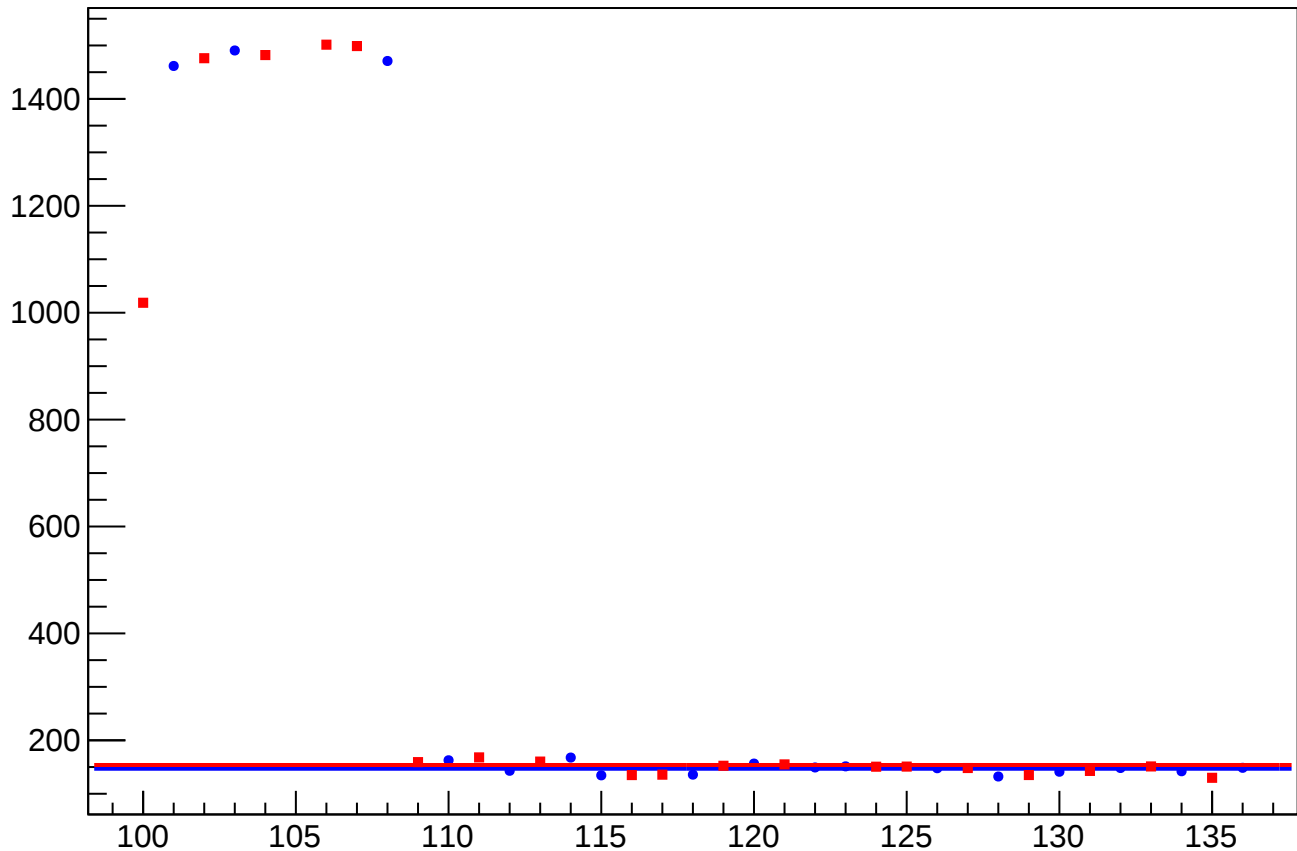
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 9806719.4/16

0.008+/-0.000 χ^2/NDF : 19037326.7/35

0.008+/-0.000 χ^2/NDF : 9230606.7/18

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 146.819+/-0.000 χ^2/NDF : 24360774977.7/16

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

Right Out: 153.822+/-0.000 χ^2/NDF : 33744203897.9/18

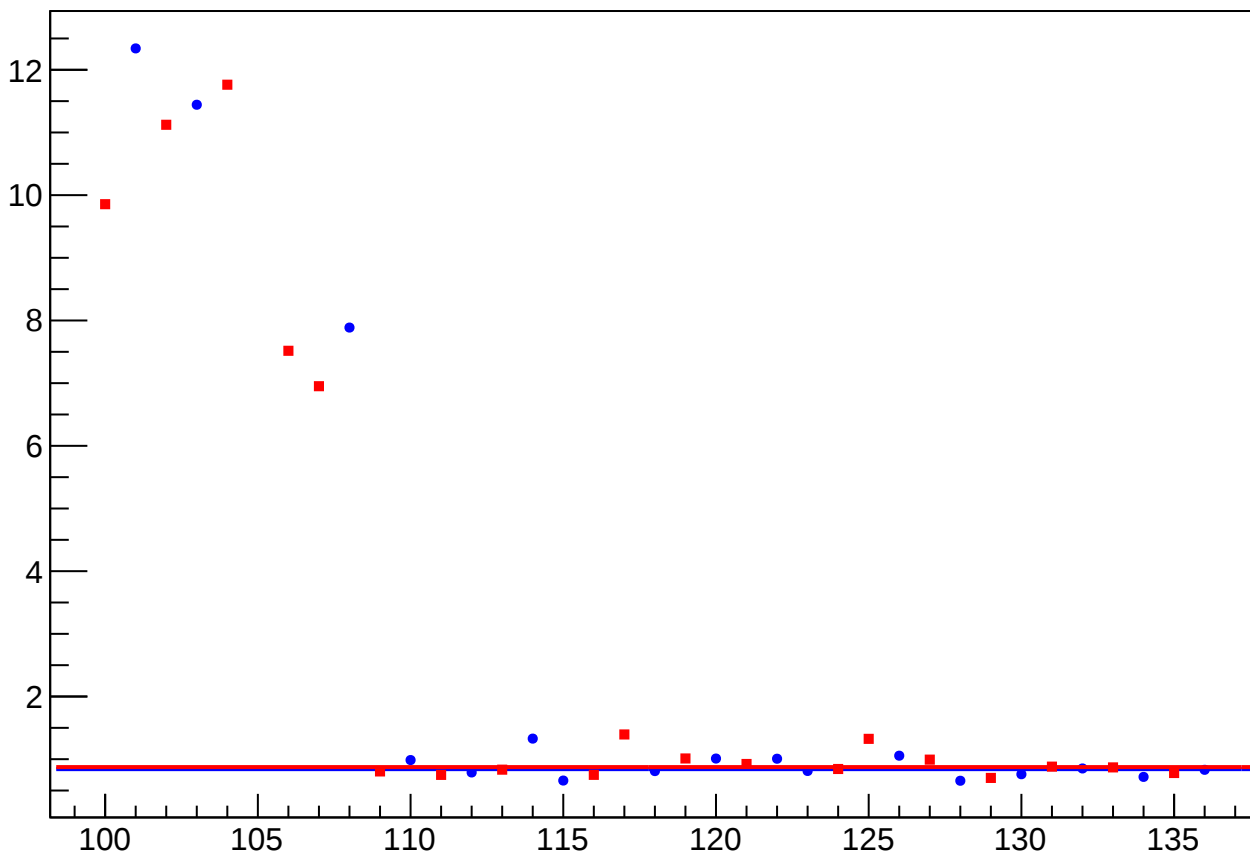
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

146.819+/-0.000 χ^2/NDF : 24360774977.7/16

150.286+/-0.000 χ^2/NDF : 58234232679.9/16

153.822+/-0.000 χ^2/NDF : 33744203897.9/18

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.841+/-0.000 χ^2/NDF : 2662395.1/16

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

Right Out: 0.874+/-0.000 χ^2/NDF : 2799352.2/18

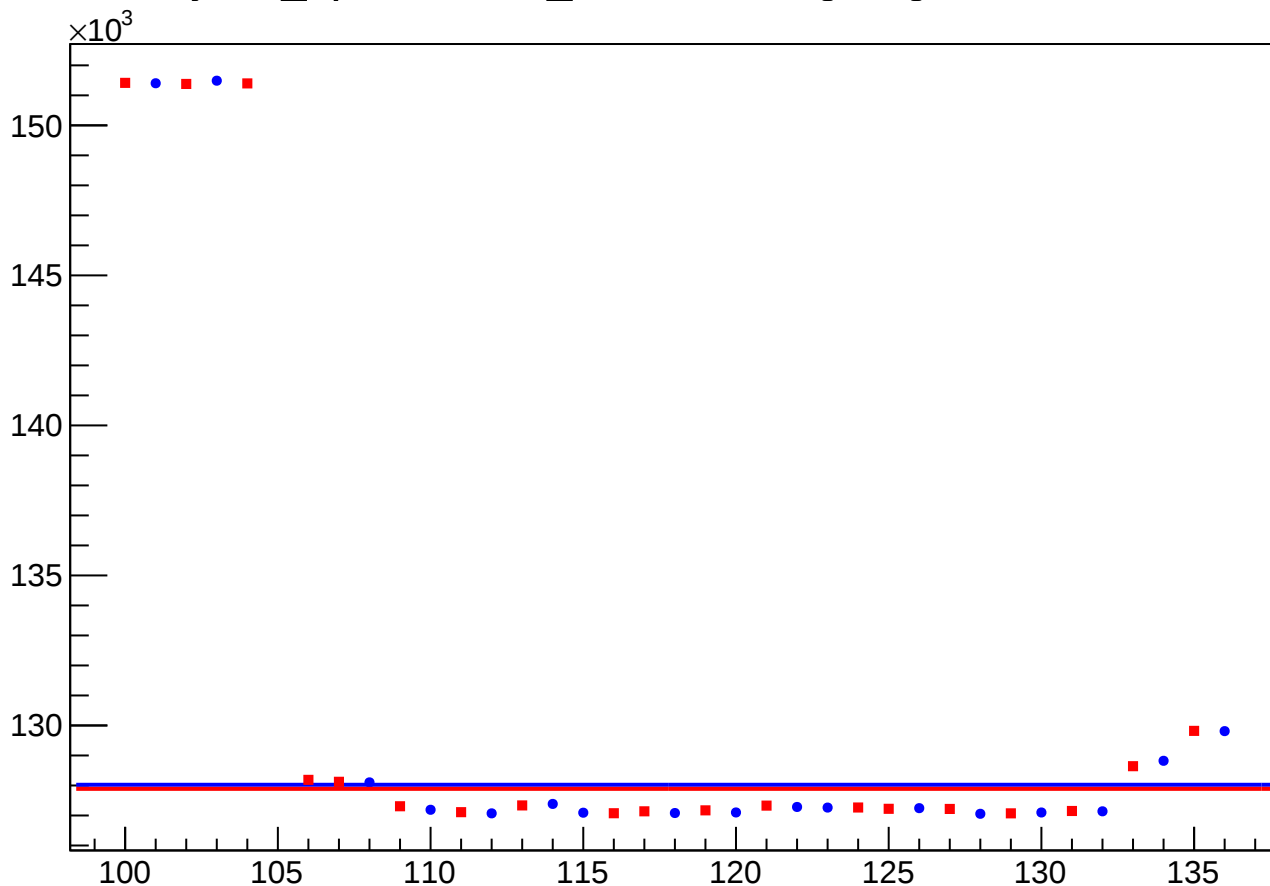
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.841+/-0.000 χ^2/NDF : 2662395.1/16

0.857+/-0.000 χ^2/NDF : 5467380.1/35

0.874+/-0.000 χ^2/NDF : 2799352.2/18

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 128023.527 $\pm$ 0.055 χ^2 /NDF: 4316540586.9/16

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

Right Out: 127887.555 $\pm$ 0.051 χ^2 /NDF: 3742755058.3/18

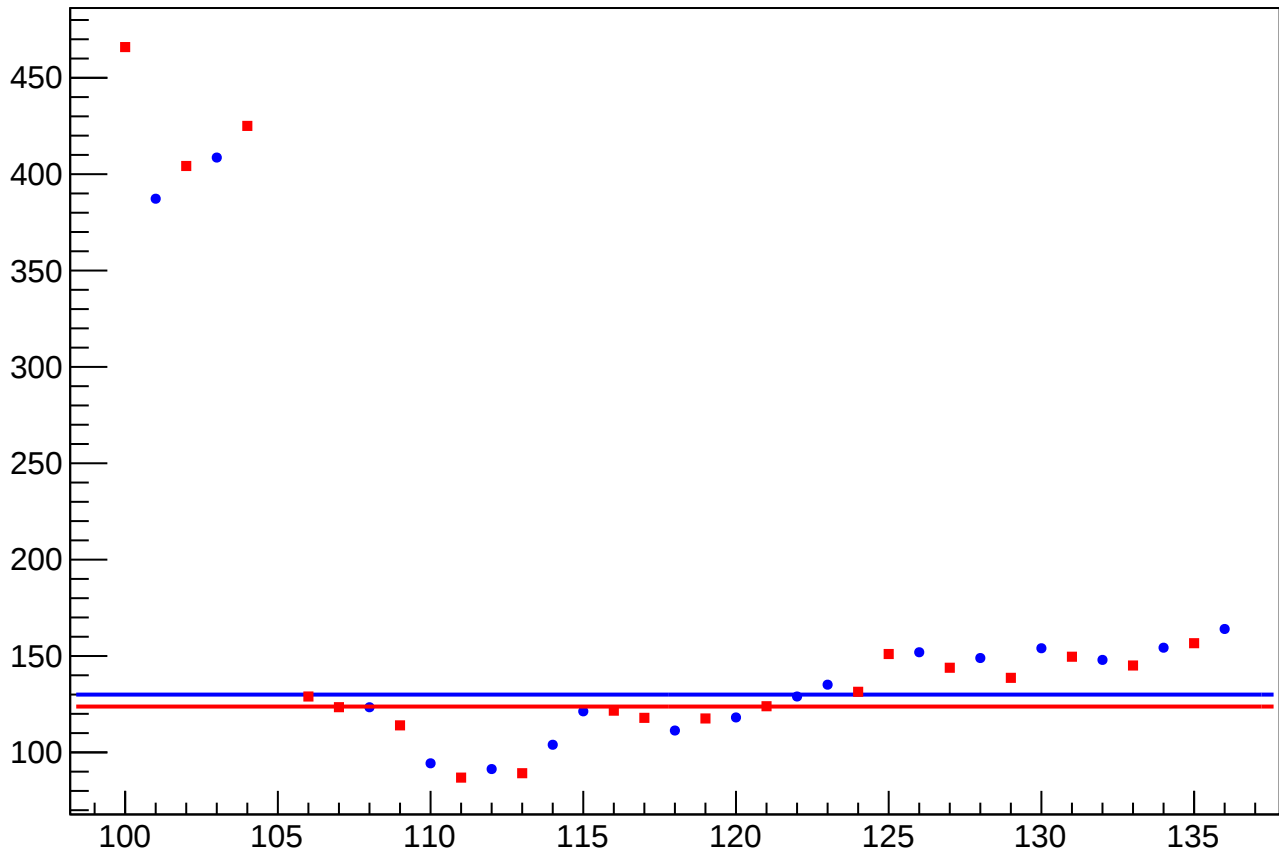
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

128023.527 $\pm$ 0.055 χ^2 /NDF: 4316540586.9/16

127950.463 $\pm$ 0.037 χ^2 /NDF: 806263565

127887.555 $\pm$ 0.051 χ^2 /NDF: 3742755058.3/18

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 129.980+/-0.039 χ^2/NDF : 1485519.5/16

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

Right Out: 123.776+/-0.036 χ^2/NDF : 1506479.6/18

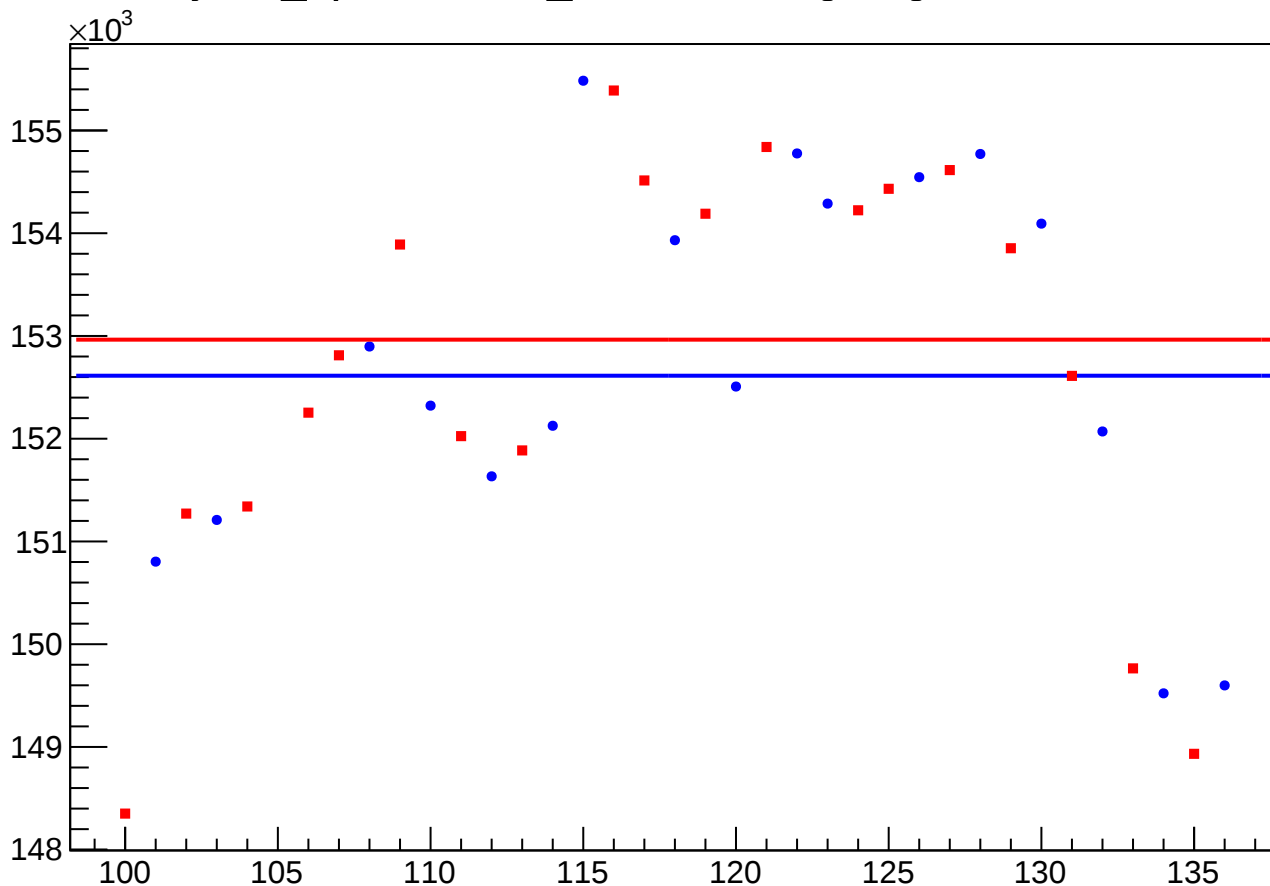
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

129.980+/-0.039 χ^2/NDF : 1485519.5/16

126.646+/-0.026 χ^2/NDF : 3005902.8/35

123.776+/-0.036 χ^2/NDF : 1506479.6/18

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 152613.122 $\pm$ 0.072 χ^2 /NDF: 623356098.4/16

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

Right Out: 152964.092 $\pm$ 0.067 χ^2 /NDF: 656567186.3/18

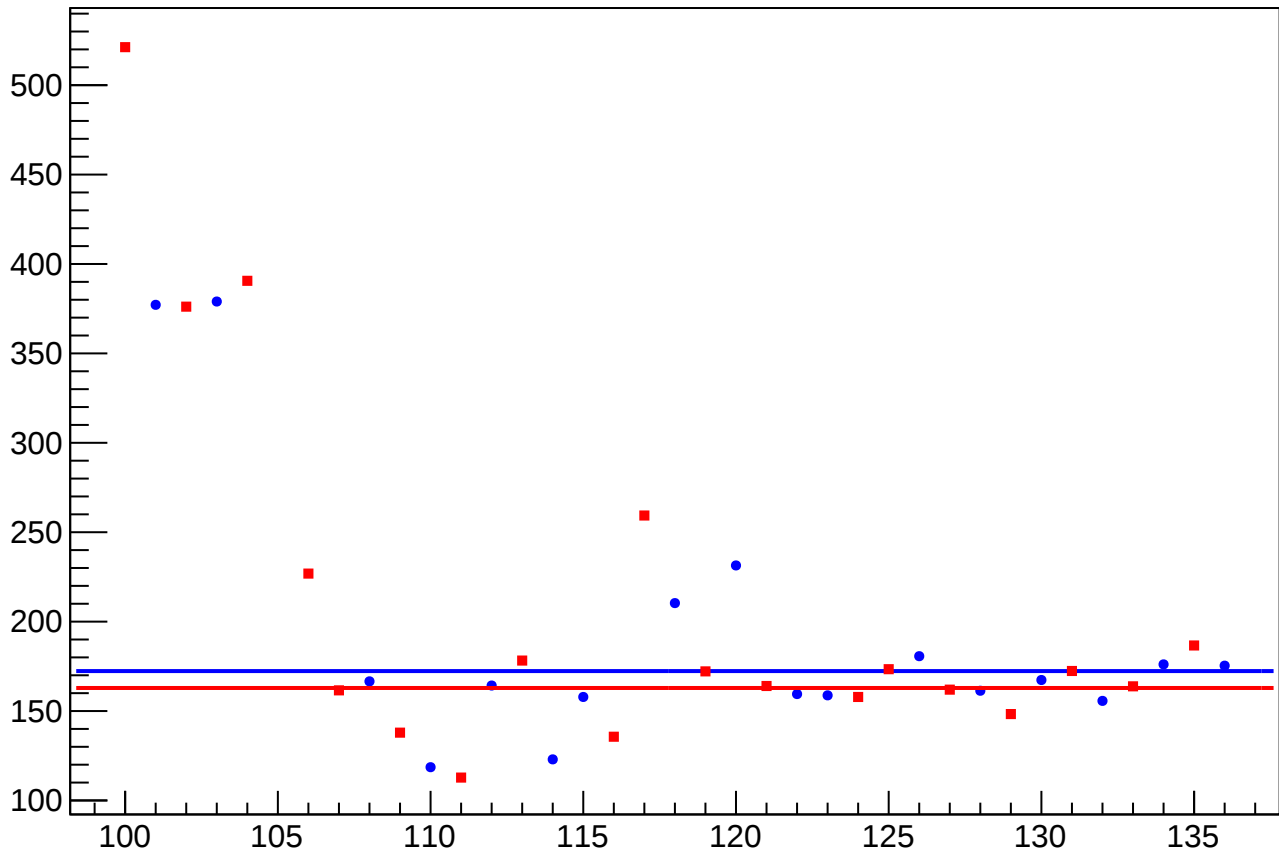
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

152613.122 $\pm$ 0.072 χ^2 /NDF: 623356098.4/16

152801.885 $\pm$ 0.049 χ^2 /NDF: 129260905

152964.092 $\pm$ 0.067 χ^2 /NDF: 656567186.3/18

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 172.351+/-0.051 χ^2/NDF : 921911.1/16

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

Right Out: 162.898+/-0.047 χ^2/NDF : 1041026.4/18

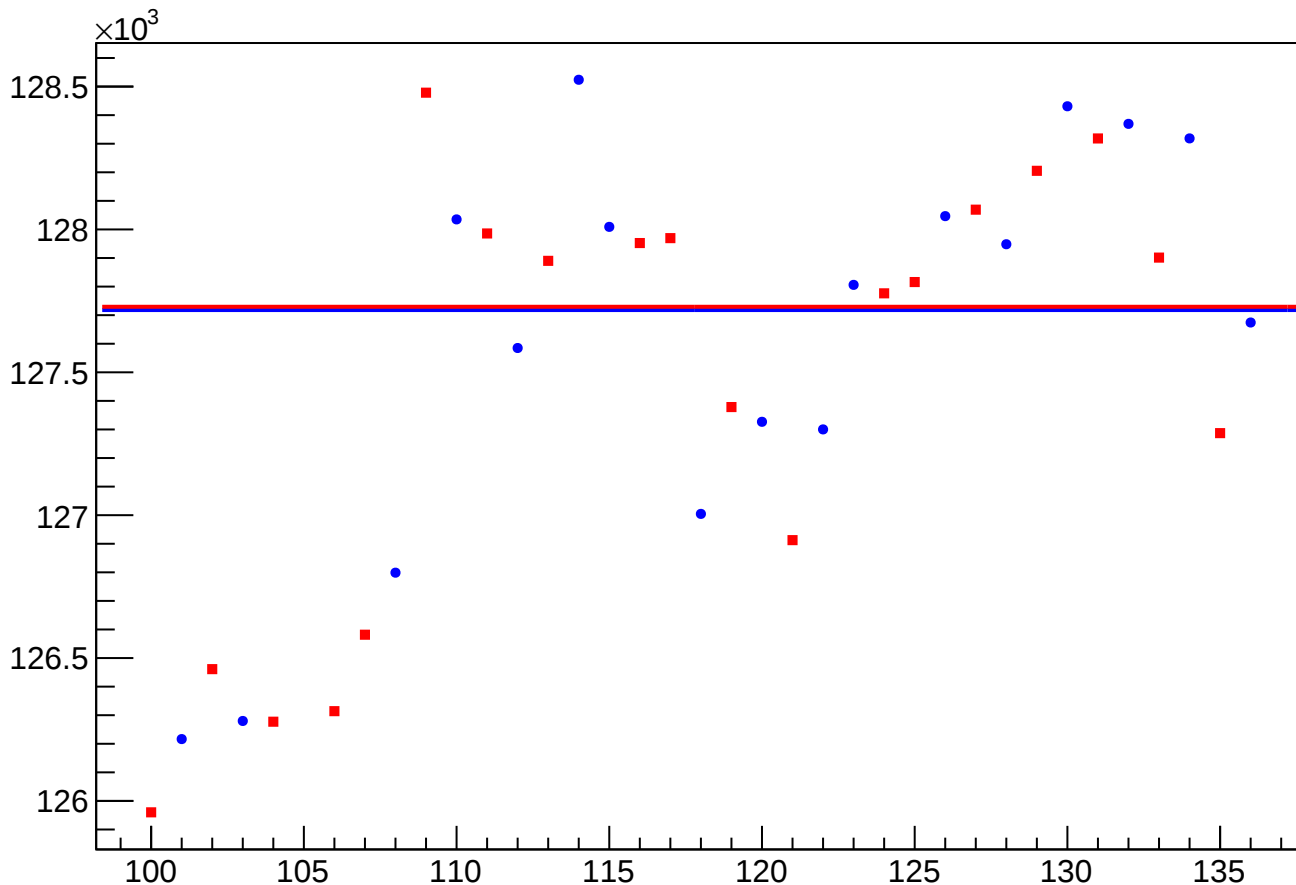
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

172.351+/-0.051 χ^2/NDF : 921911.1/16

167.267+/-0.035 χ^2/NDF : 1981344.9/35

162.898+/-0.047 χ^2/NDF : 1041026.4/18

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127717.888 $\pm$ 0.058 χ^2 /NDF: 95177660.2/16

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

Right Out: 127729.378 $\pm$ 0.055 χ^2 /NDF: 112676369.6/18

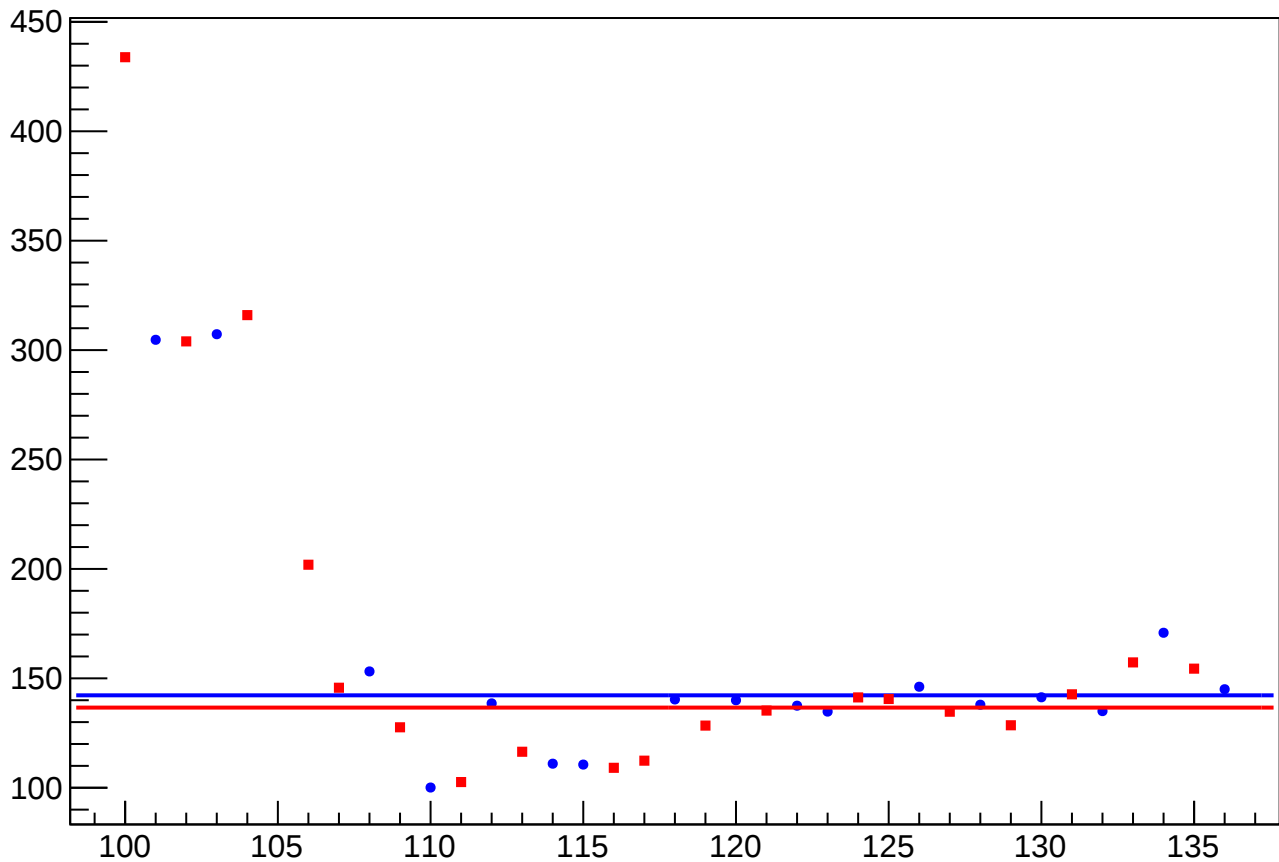
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

127717.888 $\pm$ 0.058 χ^2 /NDF: 95177660.2/16

127723.971 $\pm$ 0.040 χ^2 /NDF: 207874605

127729.378 $\pm$ 0.055 χ^2 /NDF: 112676369.6/18

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 142.240 $\pm$ 0.041 χ^2 /NDF: 836415.1/16

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

Right Out: 136.633 $\pm$ 0.039 χ^2 /NDF: 959934.9/18

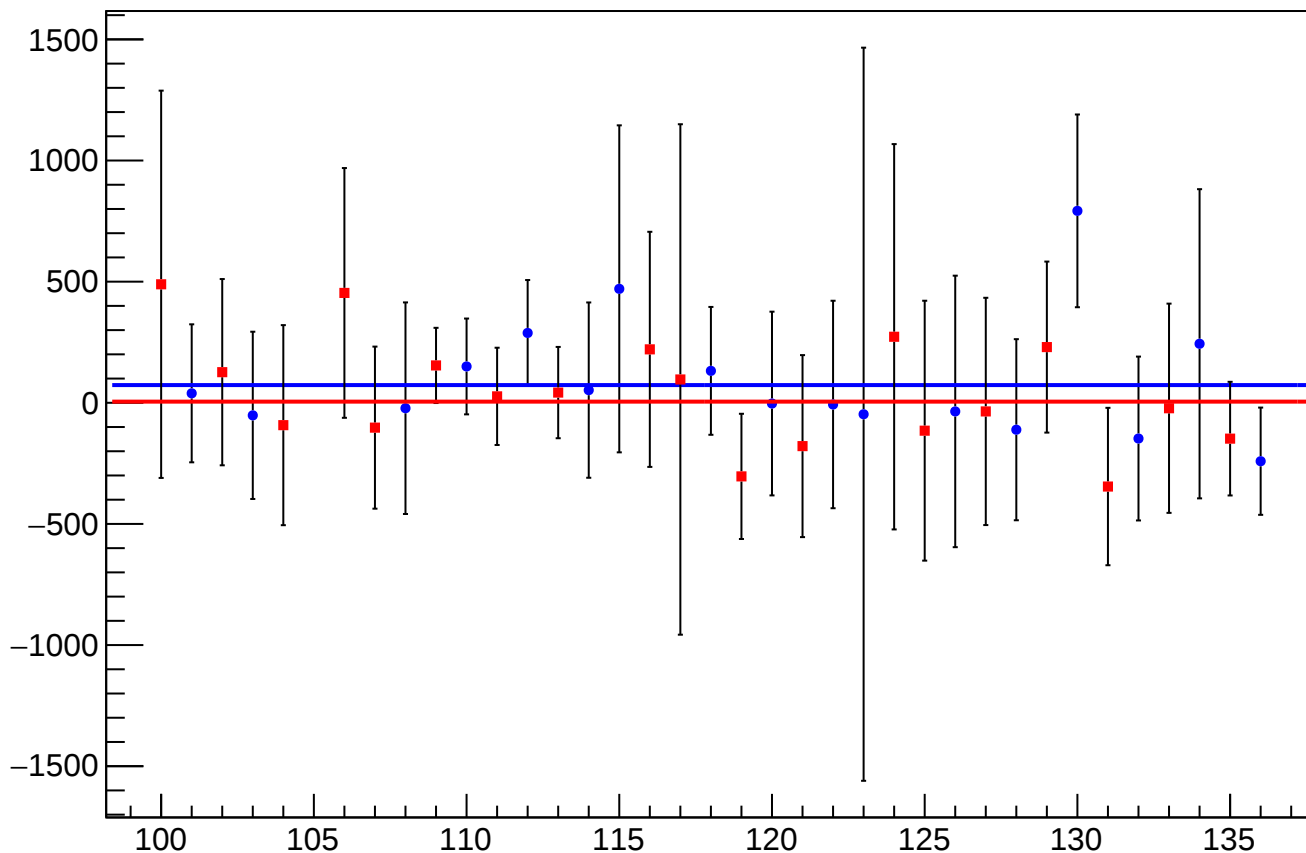
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

142.240 $\pm$ 0.041 χ^2 /NDF: 836415.1/16

139.271 $\pm$ 0.028 χ^2 /NDF: 1806151.0/35

136.633 $\pm$ 0.039 χ^2 /NDF: 959934.9/18

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 73.109+/-79.604 χ^2/NDF : 7.9/16

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

Right Out: 4.795+/-70.842 χ^2/NDF : 6.4/18

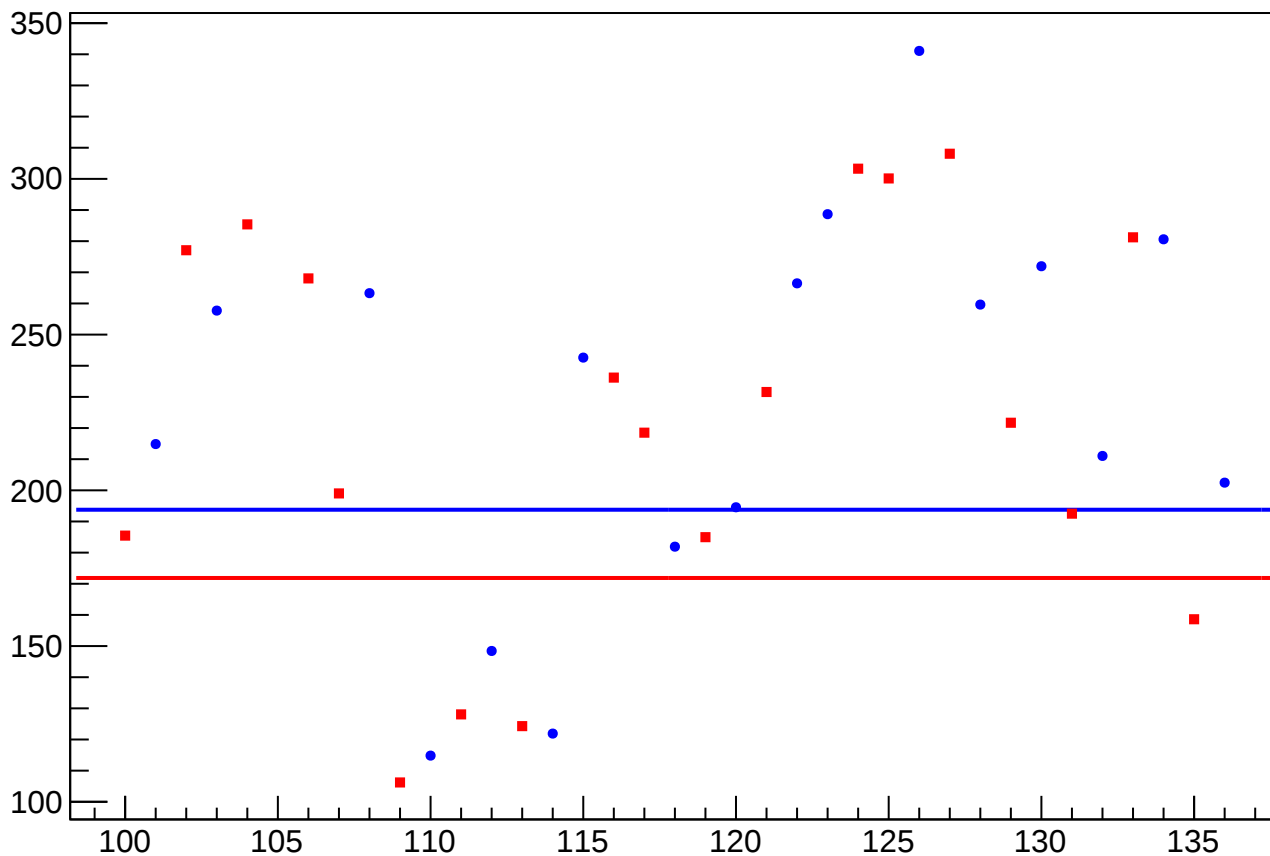
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

73.109+/-79.604 χ^2/NDF : 7.9/16

34.987+/-52.920 χ^2/NDF : 14.7/35

4.795+/-70.842 χ^2/NDF : 6.4/18

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 193.773+/-0.056 χ^2/NDF : 1017081.7/16

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

Right Out: 171.861+/-0.050 χ^2/NDF : 1580166.7/18

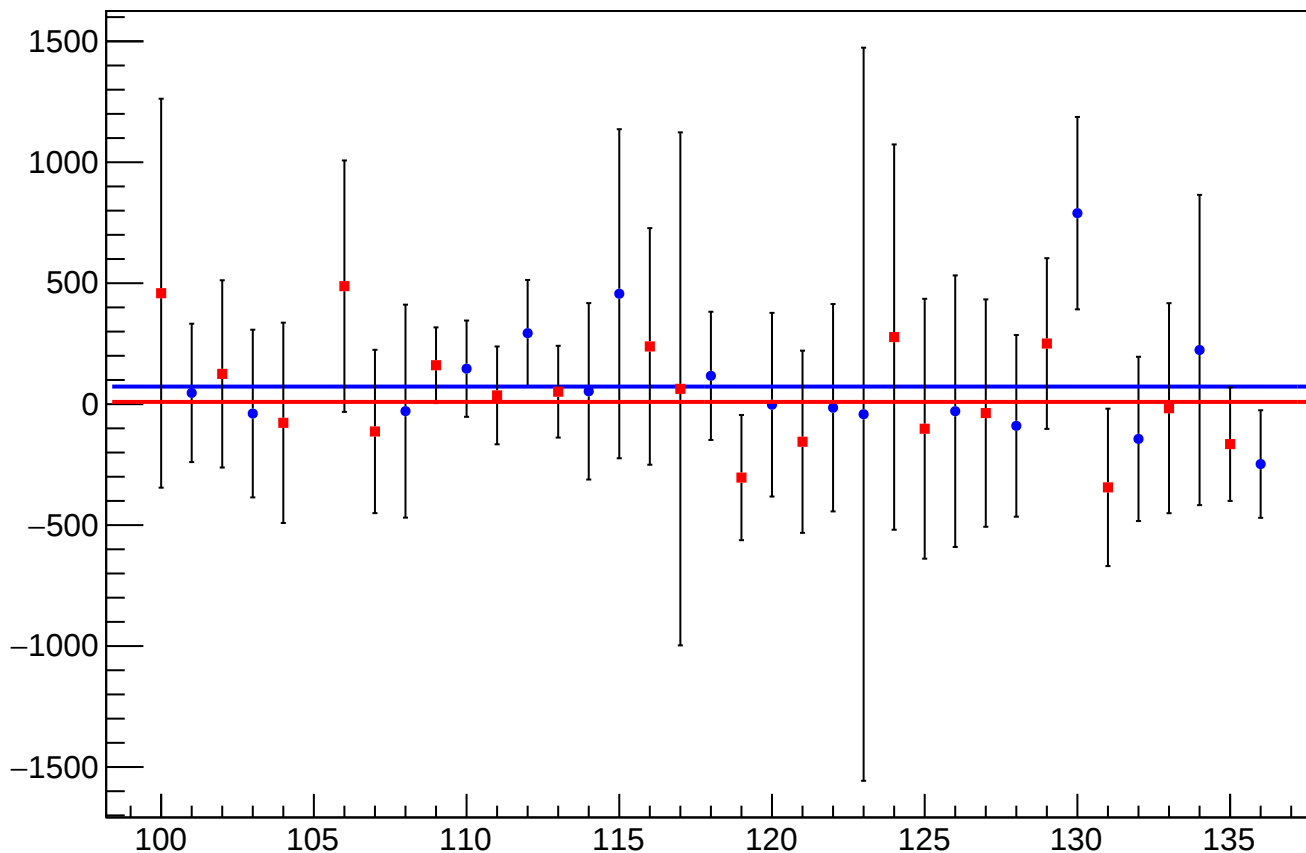
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

193.773+/-0.056 χ^2/NDF : 1017081.7/16

181.545+/-0.037 χ^2/NDF : 2681810.6/35

171.861+/-0.050 χ^2/NDF : 1580166.7/18

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 72.675+/-79.992 χ^2/NDF : 7.8/16

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

Right Out: 9.284+/-71.216 χ^2/NDF : 6.7/18

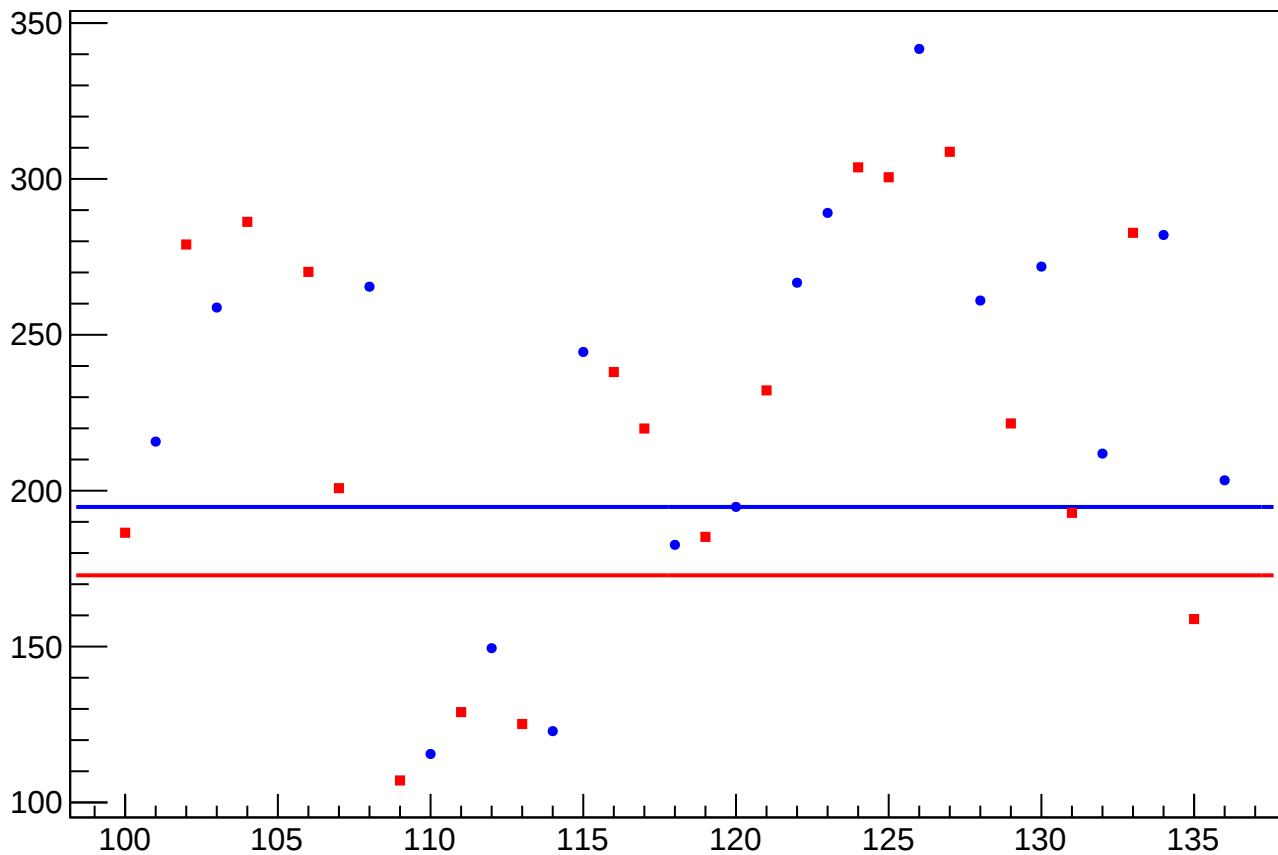
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

72.675+/-79.992 χ^2/NDF : 7.8/16

37.313+/-53.190 χ^2/NDF : 14.8/35

9.284+/-71.216 χ^2/NDF : 6.7/18

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 194.782 $\pm$ 0.057 χ^2 /NDF: 1008292.8/16

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

Right Out: 172.855 $\pm$ 0.050 χ^2 /NDF: 1567796.9/18

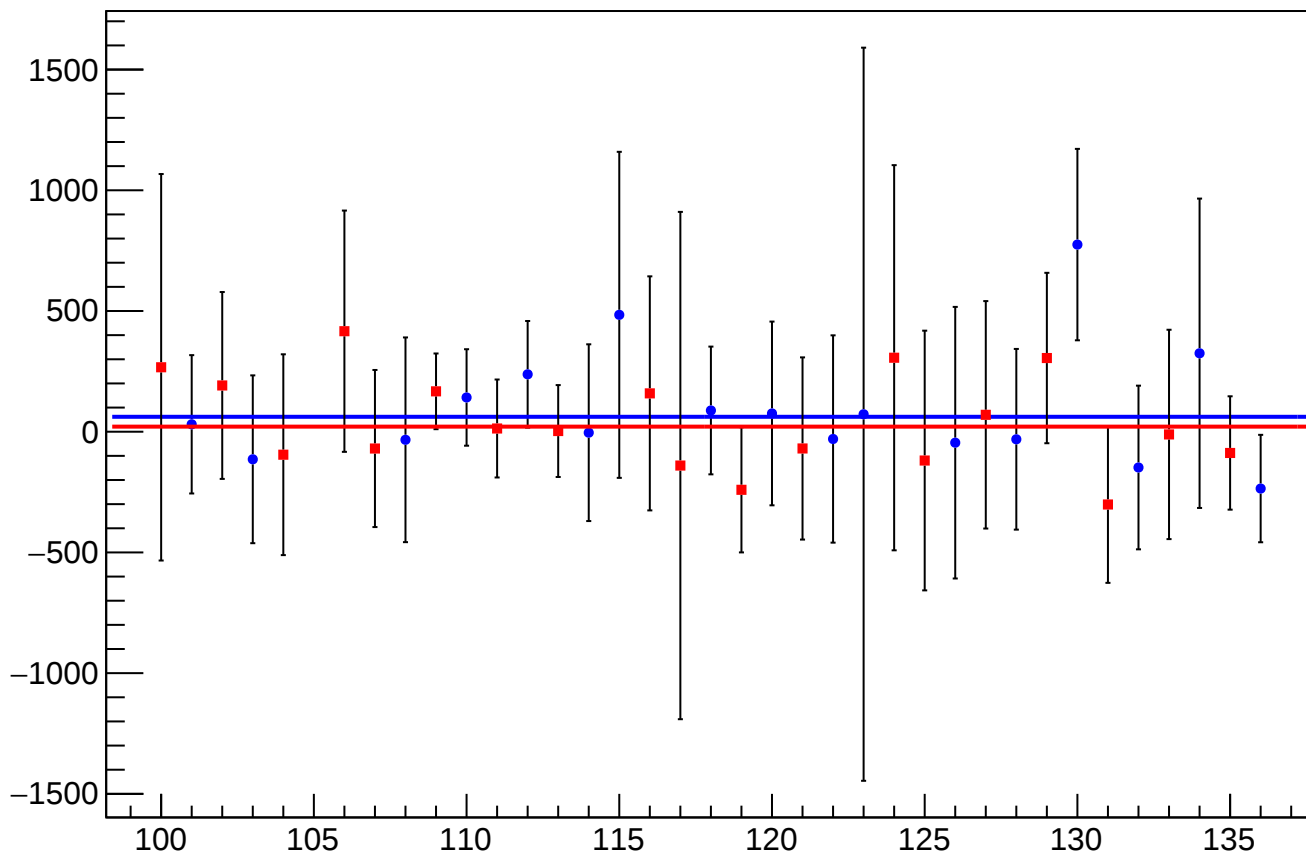
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

194.782 $\pm$ 0.057 χ^2 /NDF: 1008292.8/16

182.550 $\pm$ 0.038 χ^2 /NDF: 2659927.3/35

172.855 $\pm$ 0.050 χ^2 /NDF: 1567796.9/18

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 61.814+/-79.986 χ^2/NDF : 7.3/16

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

Right Out: 21.059+/-71.132 χ^2/NDF : 5.2/18

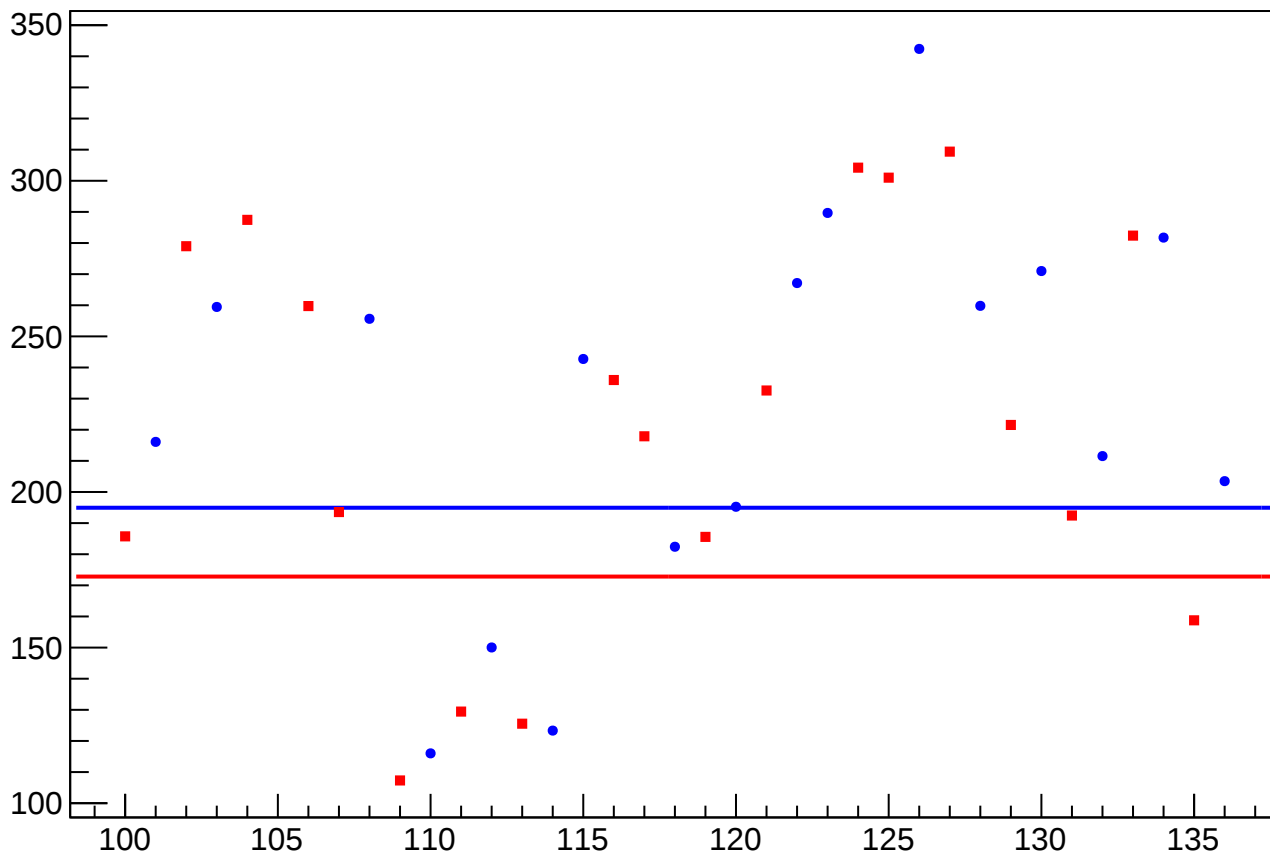
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

61.814+/-79.986 χ^2/NDF : 7.3/16

39.057+/-53.154 χ^2/NDF : 12.6/35

21.059+/-71.132 χ^2/NDF : 5.2/18

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 194.939+/-0.057 χ^2/NDF : 986629.1/16

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

Right Out: 172.822+/-0.050 χ^2/NDF : 1544607.2/18

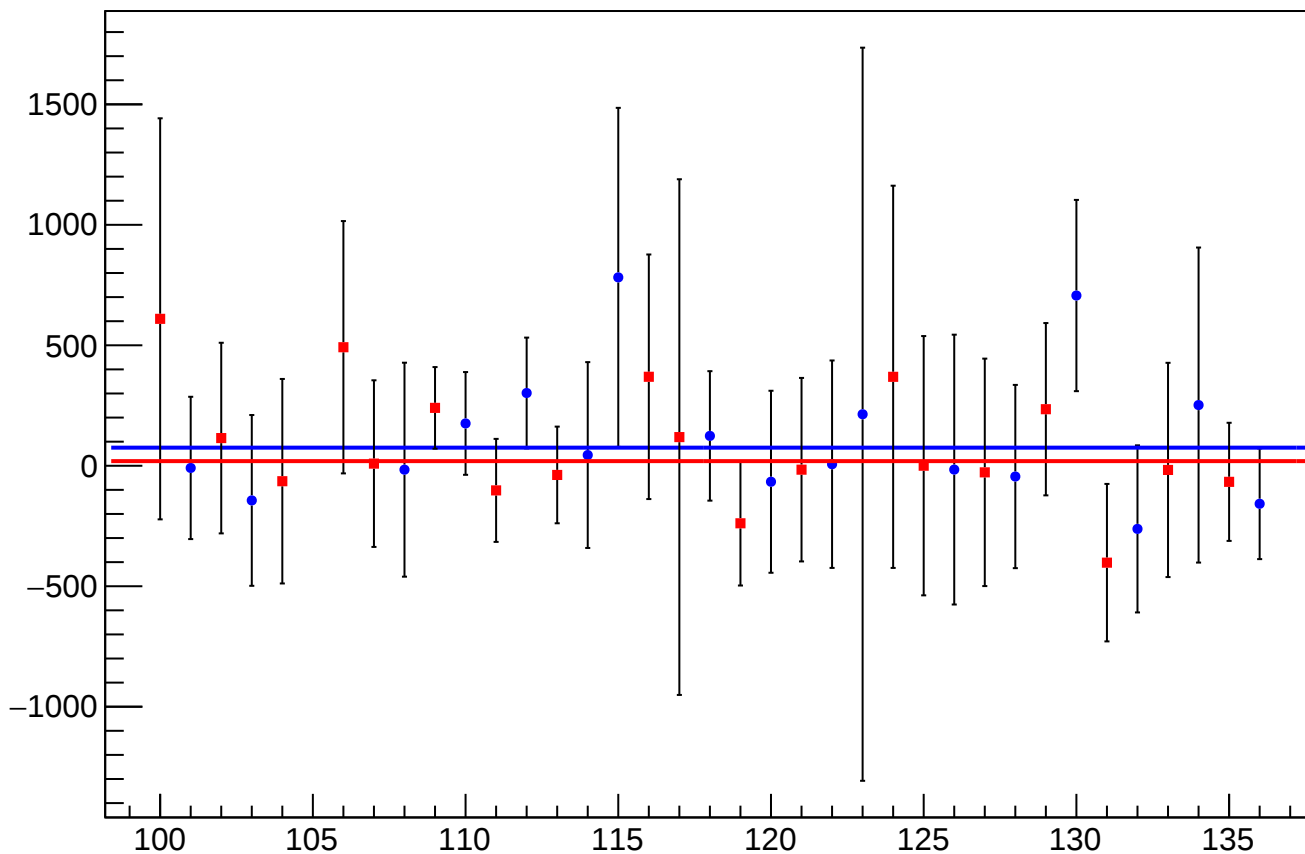
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

194.939+/-0.057 χ^2/NDF : 986629.1/16

182.589+/-0.038 χ^2/NDF : 2616622.1/35

172.822+/-0.050 χ^2/NDF : 1544607.2/18

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 75.207 $\pm$ 82.504 χ^2 /NDF: 7.6/16

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

Right Out: 19.257 $\pm$ 74.113 χ^2 /NDF: 7.4/18

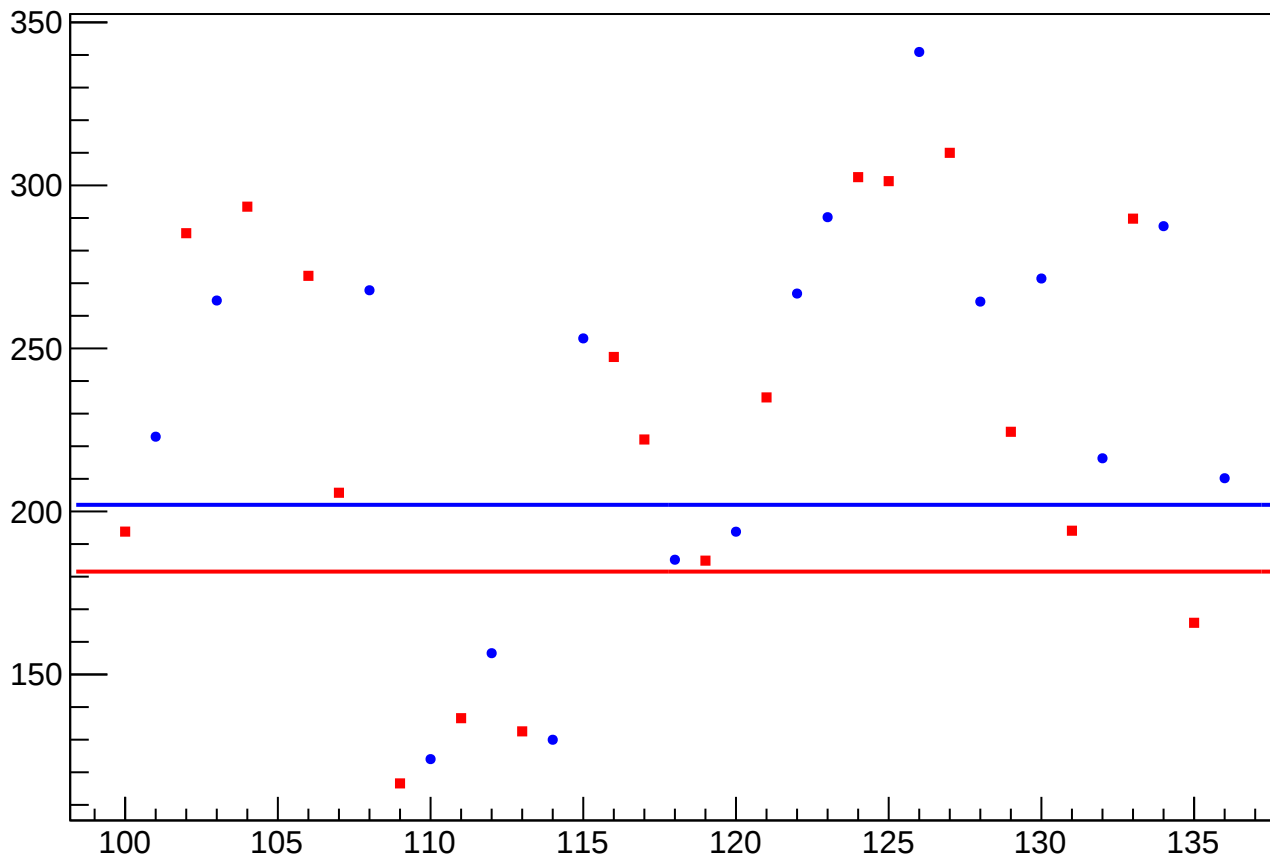
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

75.207 $\pm$ 82.504 χ^2 /NDF: 7.6/16

44.243 $\pm$ 55.135 χ^2 /NDF: 15.3/35

19.257 $\pm$ 74.113 χ^2 /NDF: 7.4/18

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 202.029+/-0.058 χ^2/NDF : 881608.7/16

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

Right Out: 181.552+/-0.052 χ^2/NDF : 1377483.2/18

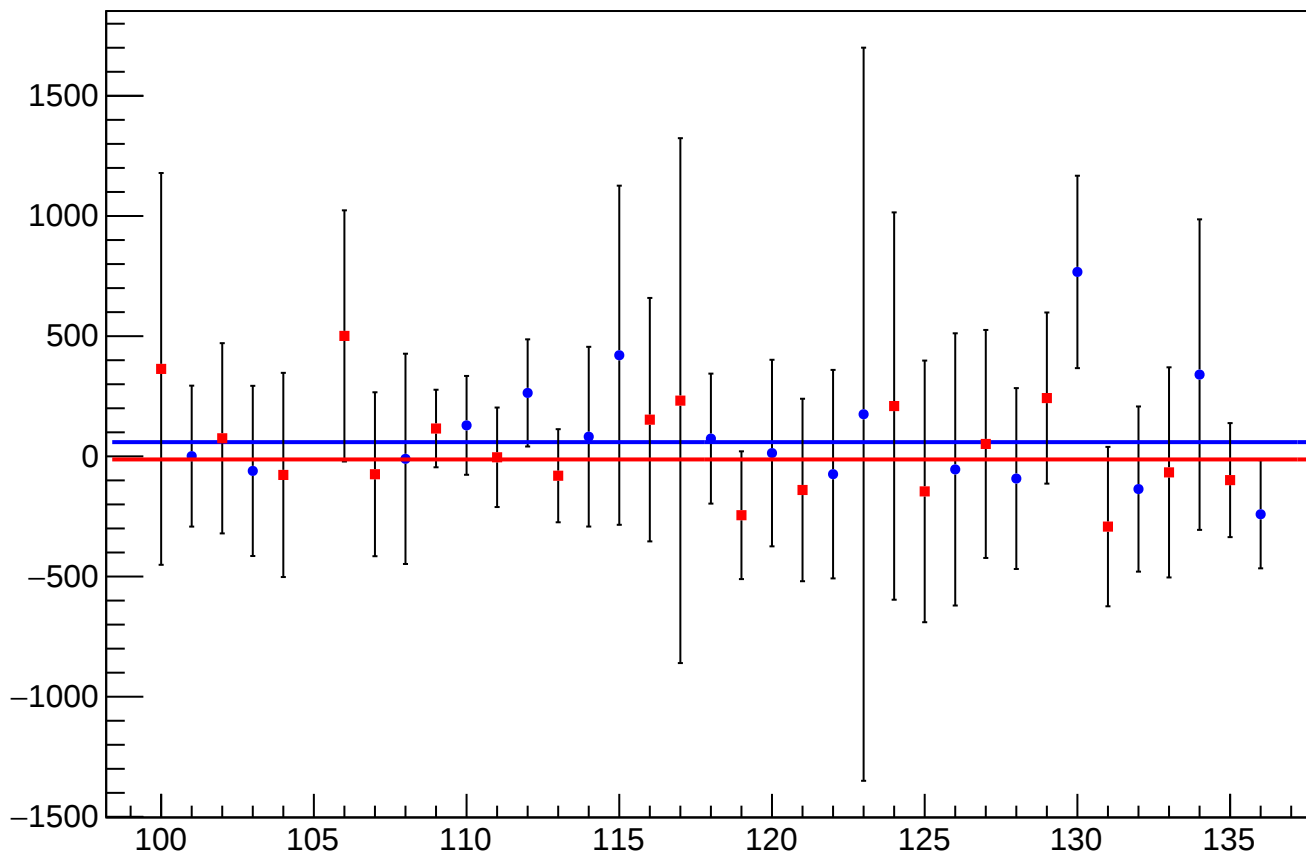
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

202.029+/-0.058 χ^2/NDF : 881608.7/16

190.697+/-0.039 χ^2/NDF : 2327273.8/35

181.552+/-0.052 χ^2/NDF : 1377483.2/18

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 59.175+/-81.417 χ^2/NDF : 7.1/16

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

Right Out: -12.828+/-72.683 χ^2/NDF : 4.6/18

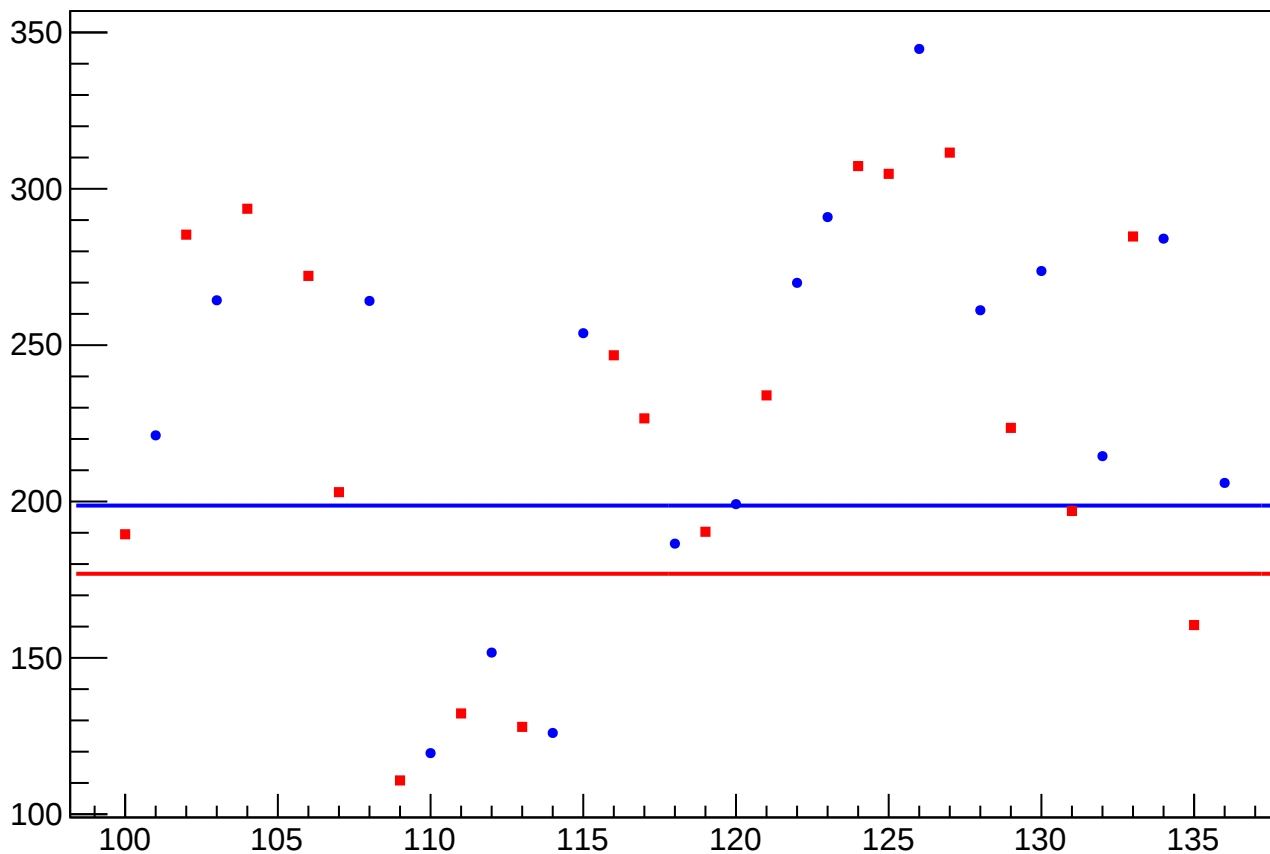
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

59.175+/-81.417 χ^2/NDF : 7.1/16

19.105+/-54.220 χ^2/NDF : 12.2/35

-12.828+/-72.683 χ^2/NDF : 4.6/18

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 198.704 $\pm$ 0.058 χ^2 /NDF: 963394.4/16

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

Right Out: 176.892 $\pm$ 0.051 χ^2 /NDF: 1526031.9/18

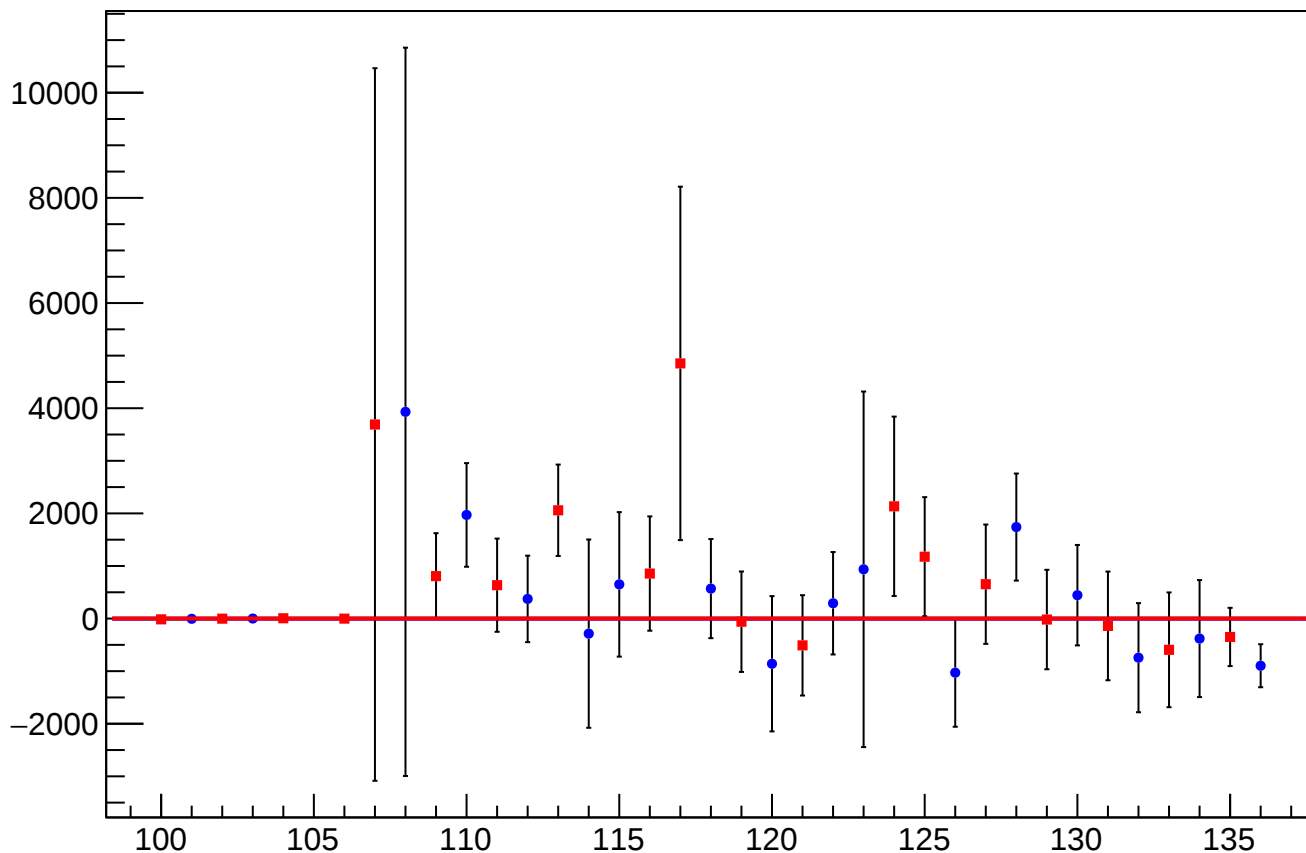
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

198.704 $\pm$ 0.058 χ^2 /NDF: 963394.4/16

186.565 $\pm$ 0.038 χ^2 /NDF: 2569307.9/35

176.892 $\pm$ 0.051 χ^2 /NDF: 1526031.9/18

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.529+/-2.251 χ^2/NDF : 16.6/16

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

Right Out: 0.737+/-2.111 χ^2/NDF : 20.0/18

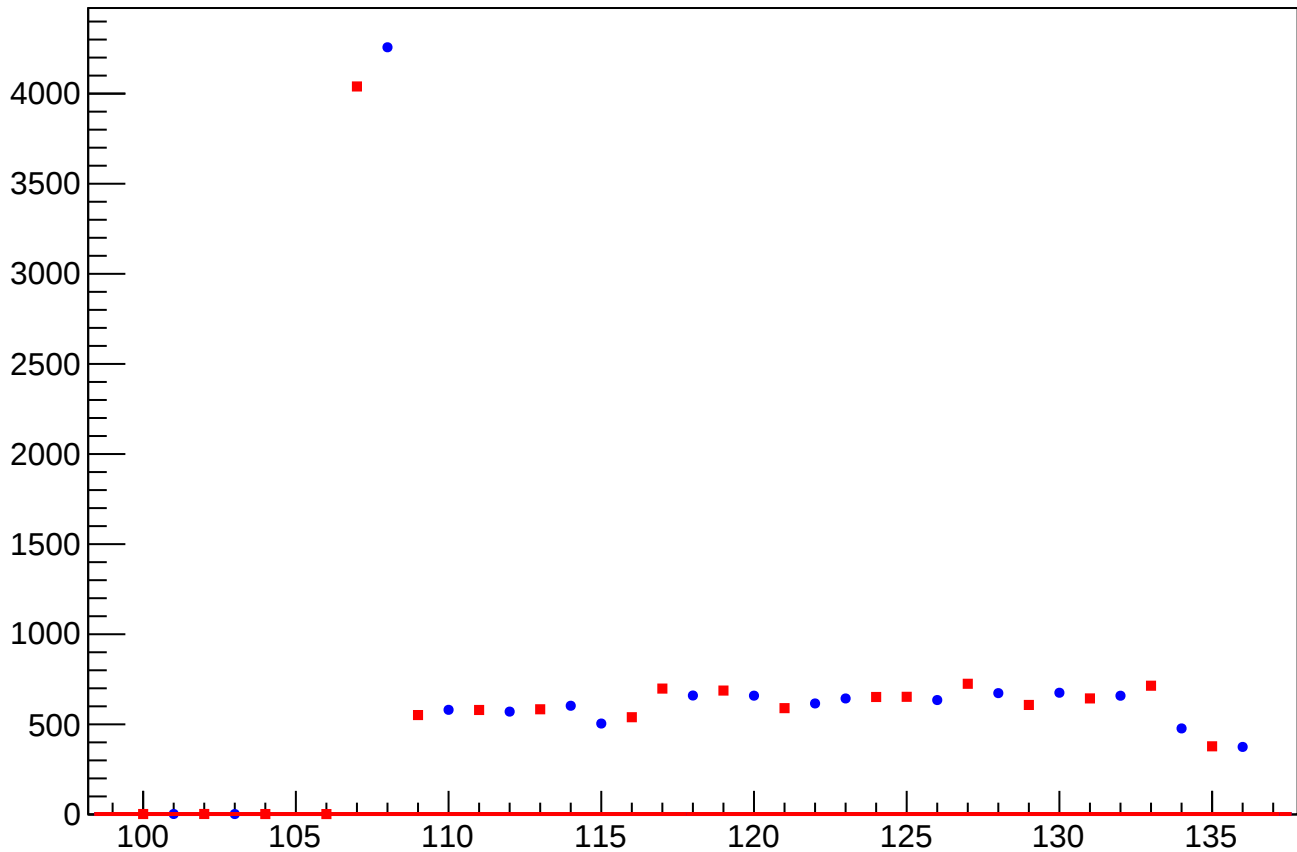
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.529+/-2.251 χ^2/NDF : 16.6/16

-0.323+/-1.540 χ^2/NDF : 37.2/35

0.737+/-2.111 χ^2/NDF : 20.0/18

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.456+/-0.002 χ^2/NDF : 10706347.4/16

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

Right Out: 2.435+/-0.001 χ^2/NDF : 10854937.0/18

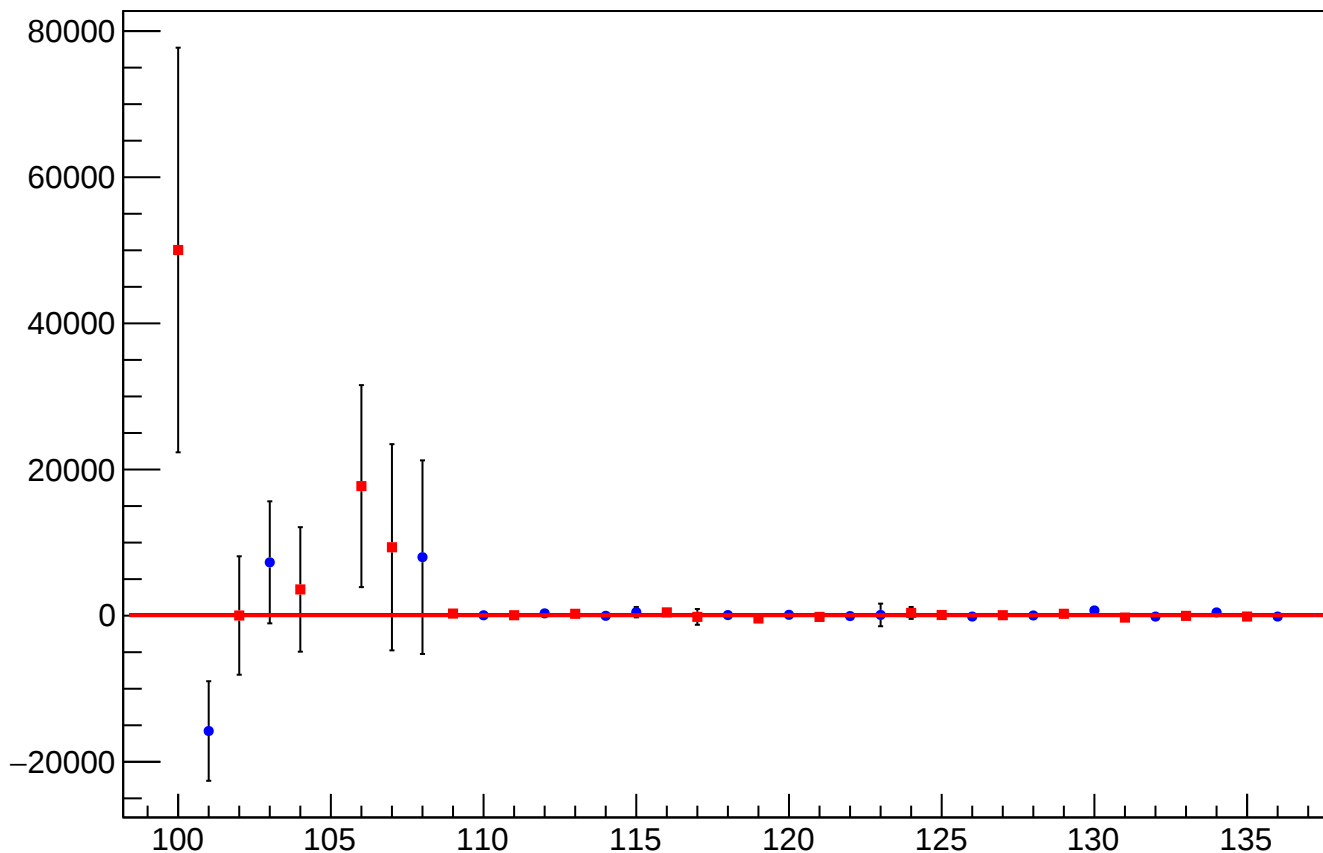
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.456+/-0.002 χ^2/NDF : 10706347.4/16

2.445+/-0.001 χ^2/NDF : 21561381.7/35

2.435+/-0.001 χ^2/NDF : 10854937.0/18

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 95.353+/-91.708 χ^2/NDF : 12.0/16

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

Right Out: 58.534+/-85.655 χ^2/NDF : 12.8/18

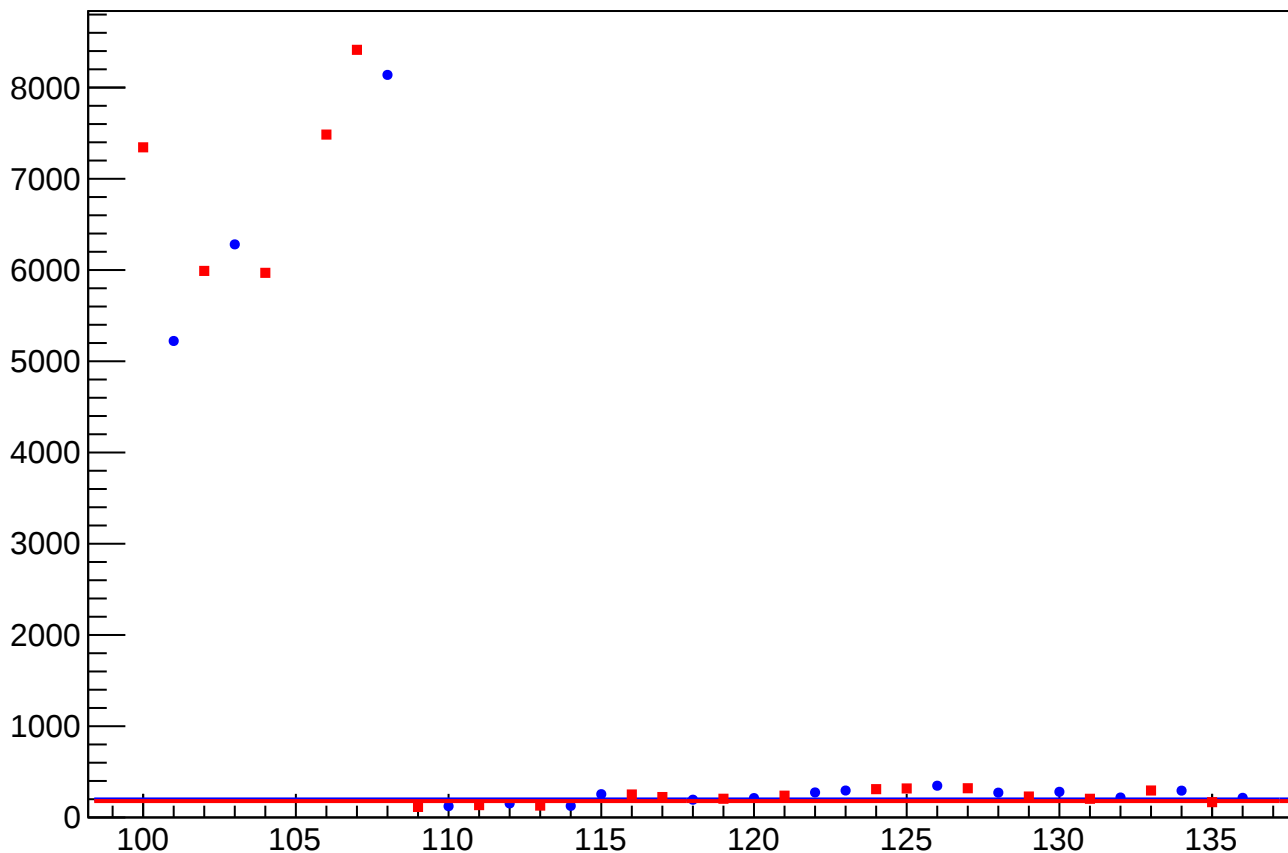
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

95.353+/-91.708 χ^2/NDF : 12.0/16

75.688+/-62.598 χ^2/NDF : 24.8/35

58.534+/-85.655 χ^2/NDF : 12.8/18

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 197.422+/-0.065 χ^2/NDF : 3695848.3/16

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

Right Out: 179.436+/-0.061 χ^2/NDF : 4318974.7/18

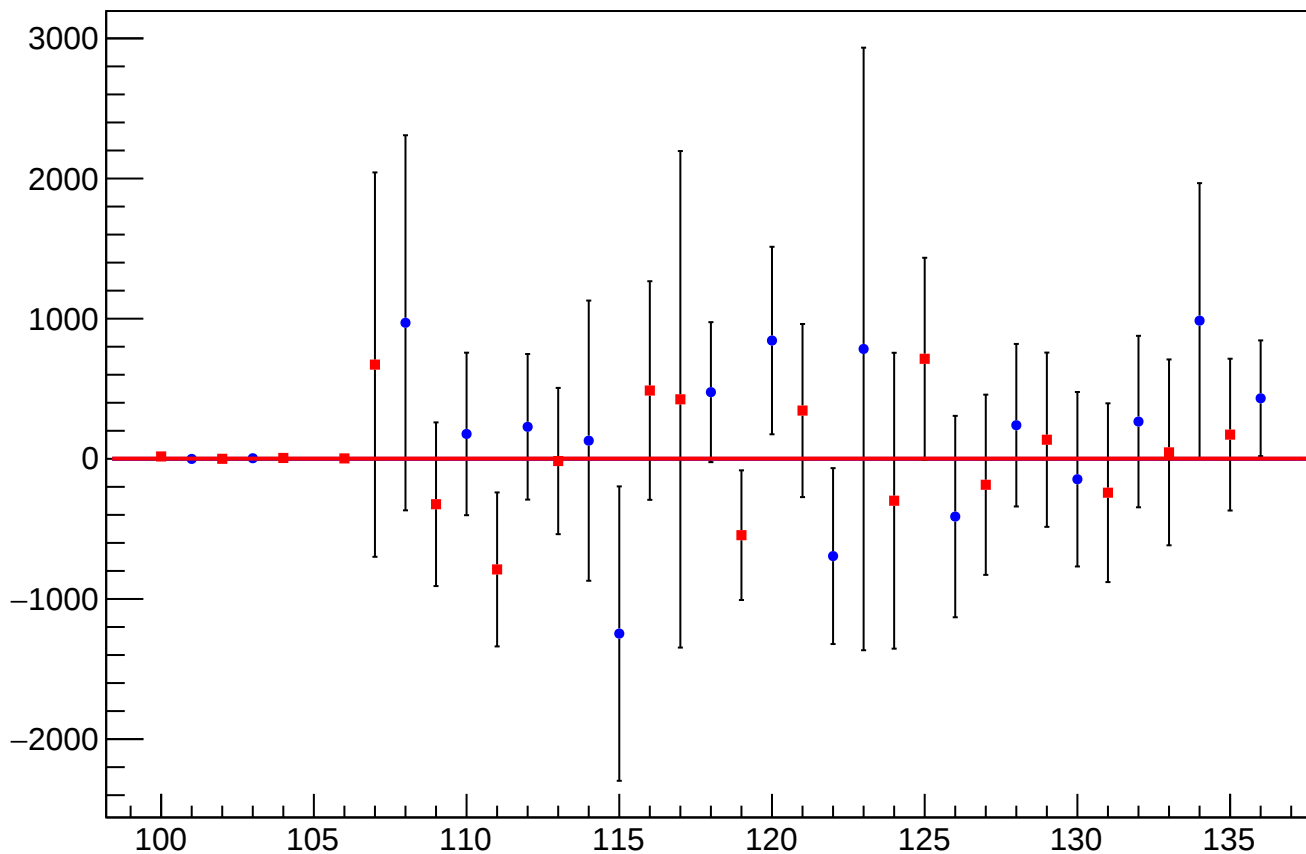
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

197.422+/-0.065 χ^2/NDF : 3695848.3/16

187.816+/-0.044 χ^2/NDF : 8055908.9/35

179.436+/-0.061 χ^2/NDF : 4318974.7/18

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.139 ± 1.737 χ^2/NDF : 9.8/16

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

Right Out: 1.326 ± 1.623 χ^2/NDF : 8.9/18

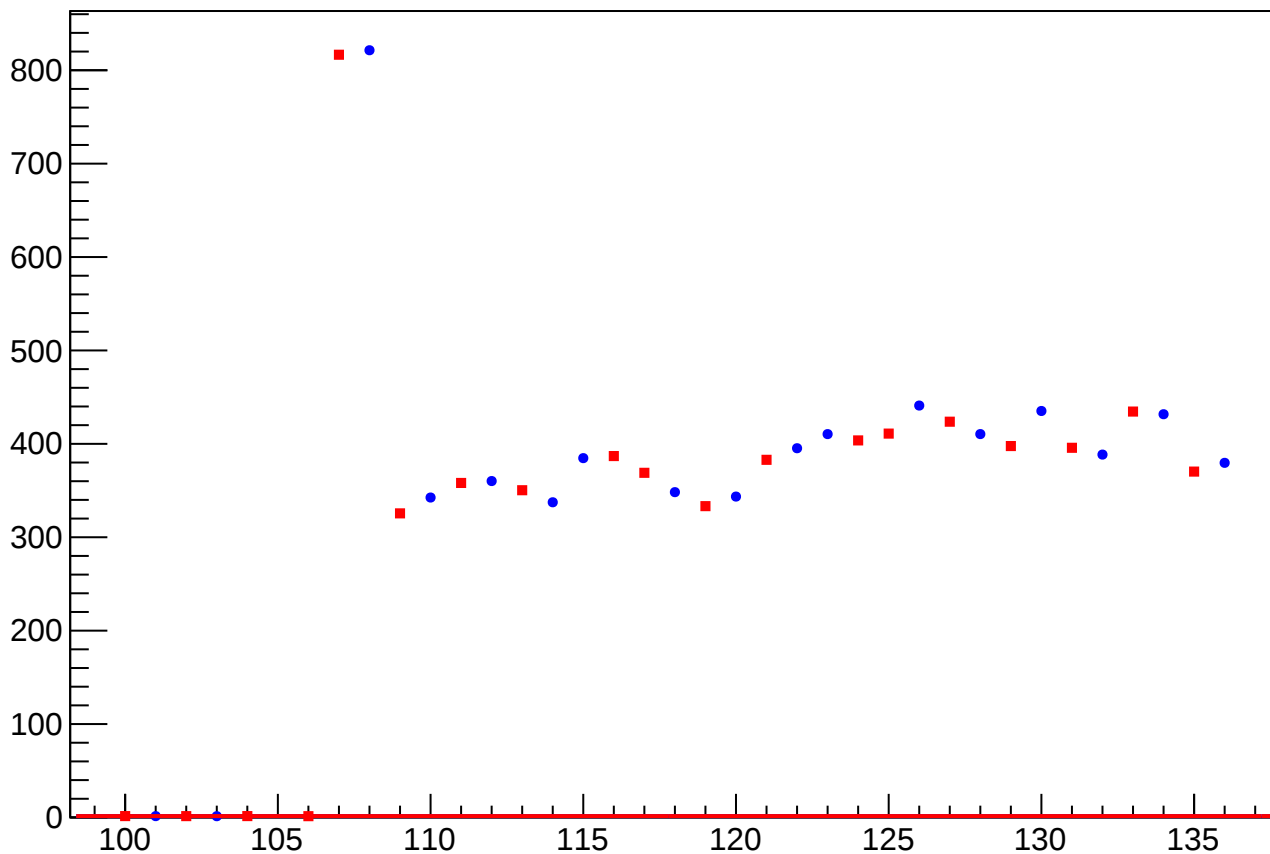
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.139 ± 1.737 χ^2/NDF : 9.8/16

0.643 ± 1.186 χ^2/NDF : 19.1/35

1.326 ± 1.623 χ^2/NDF : 8.9/18

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.452+/-0.001 χ^2/NDF : 10815892.9/16

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

Right Out: 1.450+/-0.001 χ^2/NDF : 10584712.5/18

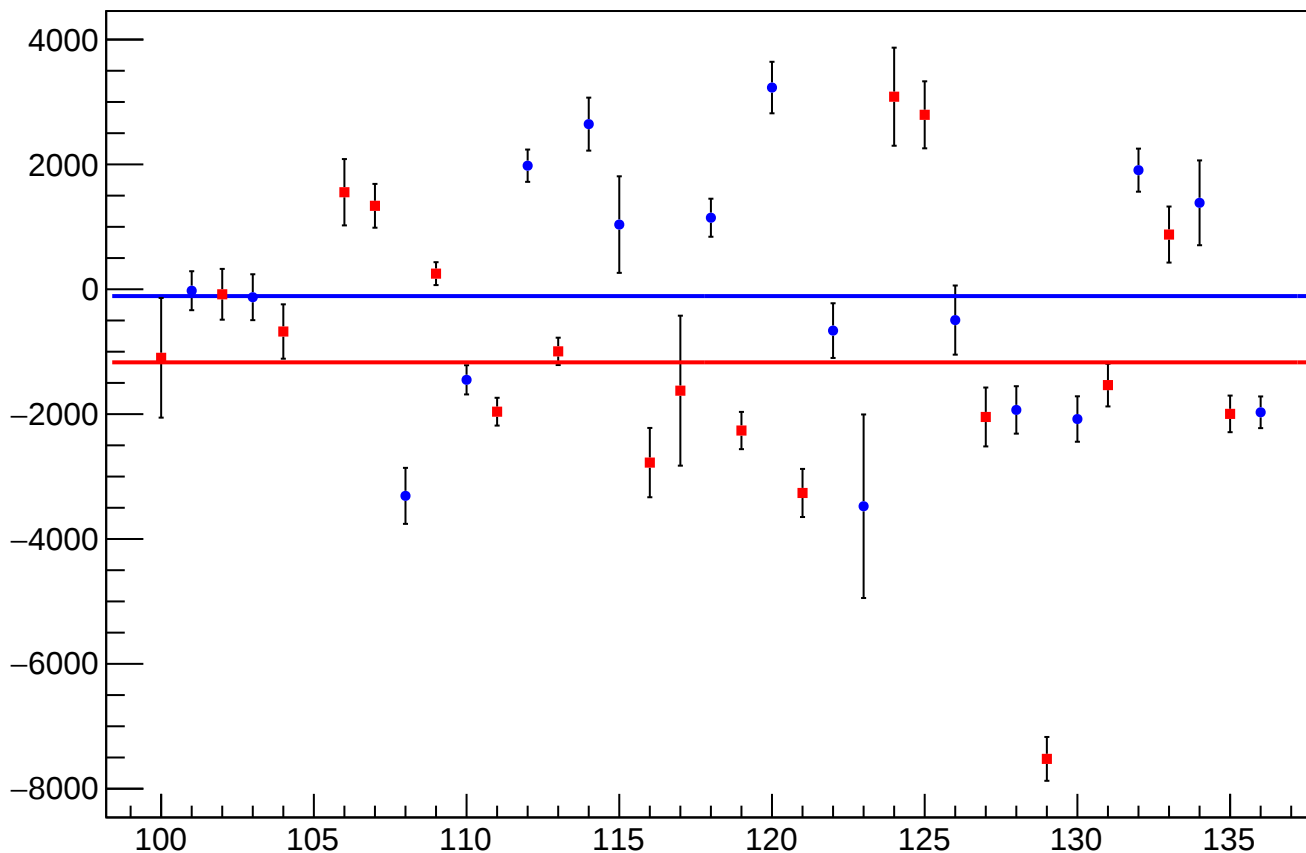
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.452+/-0.001 χ^2/NDF : 10815892.9/16

1.451+/-0.001 χ^2/NDF : 21400607.1/35

1.450+/-0.001 χ^2/NDF : 10584712.5/18

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: -109.225+/-87.961 χ^2/NDF : 428.3/16

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

Right Out: -1170.527+/-79.163 χ^2/NDF : 655.1/18

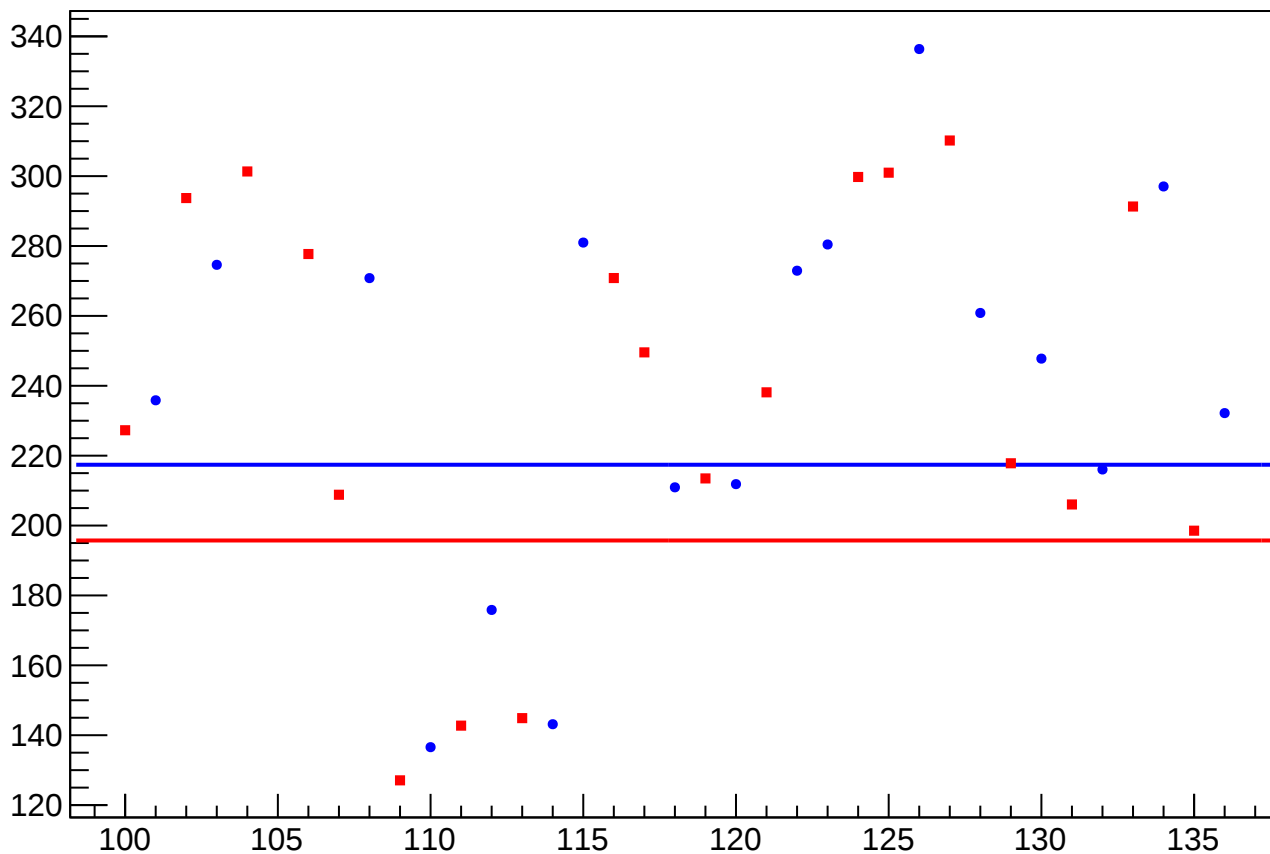
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-109.225+/-87.961 χ^2/NDF : 428.3/16

-695.593+/-58.842 χ^2/NDF : 1163.9/35

-1170.527+/-79.163 χ^2/NDF : 655.1/18

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 217.403 $\pm$ 0.062 χ^2 /NDF: 652632.9/16

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

Right Out: 195.727 $\pm$ 0.056 χ^2 /NDF: 1189715.9/18

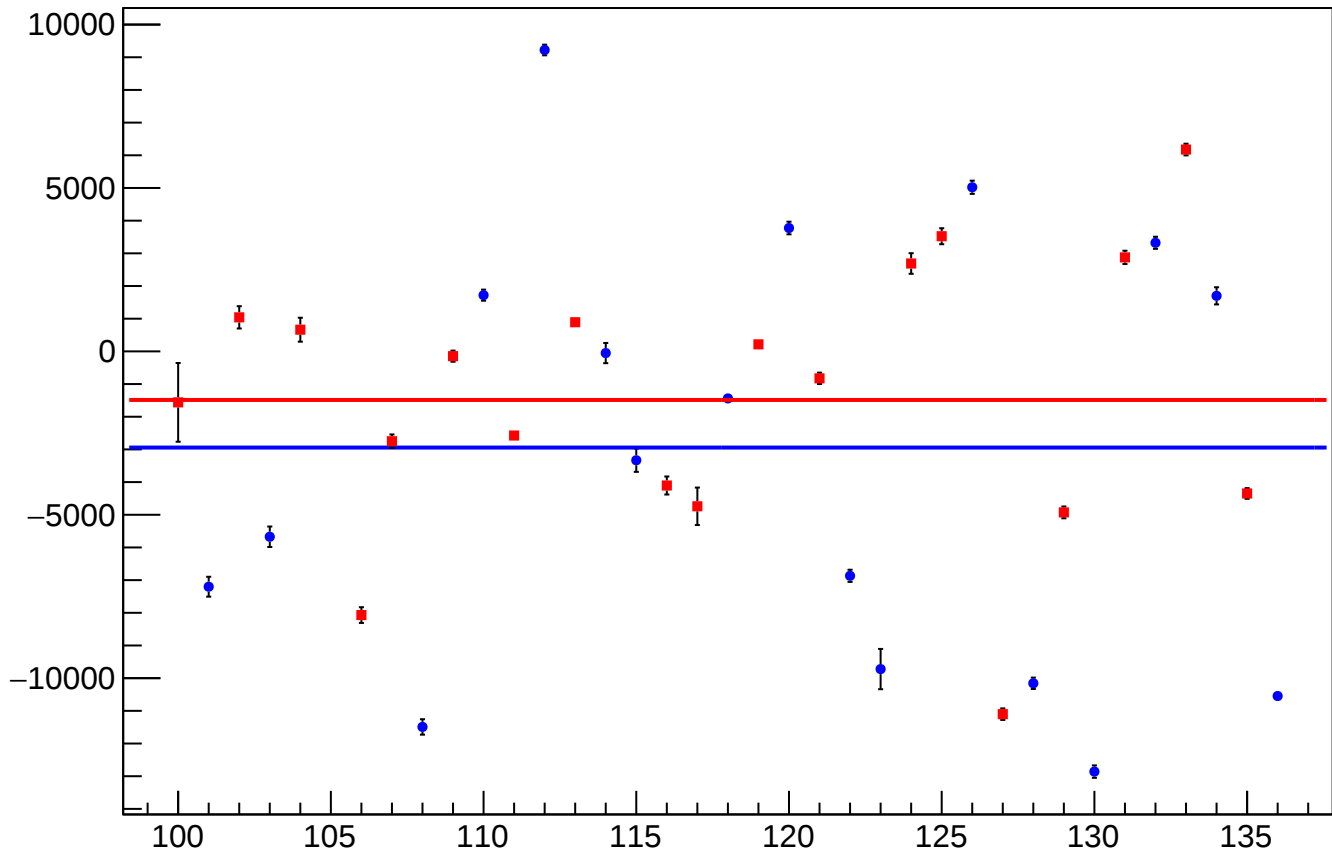
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

217.403 $\pm$ 0.062 χ^2 /NDF: 652632.9/16

205.427 $\pm$ 0.042 χ^2 /NDF: 1909447.5/35

195.727 $\pm$ 0.056 χ^2 /NDF: 1189715.9/18

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -2943.123 ± 48.612 χ^2/NDF : 20909.8/16

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

Right Out: -1486.399 ± 46.961 χ^2/NDF : 8026.5/18

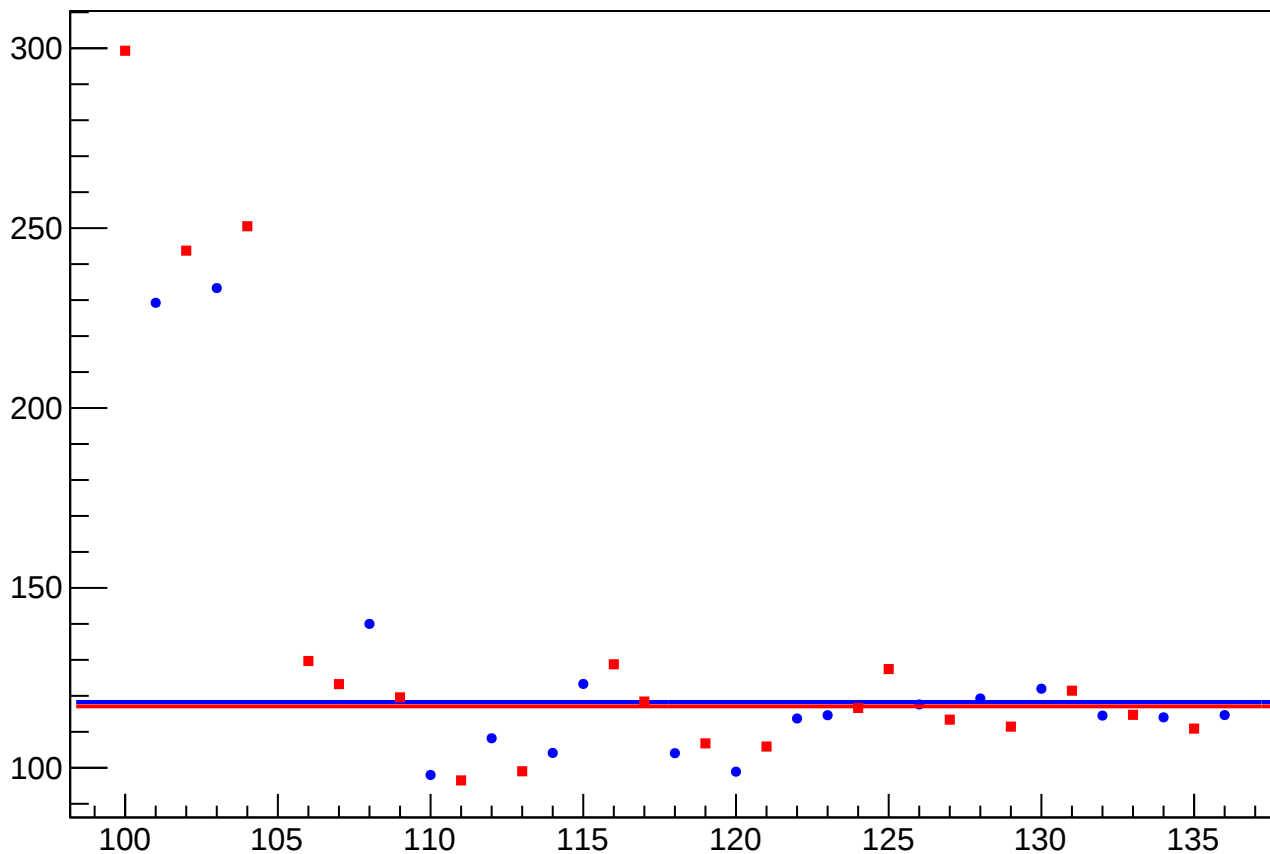
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2943.123 ± 48.612 χ^2/NDF : 20909.8/16

-2189.601 ± 33.775 χ^2/NDF : 29400.8/35

-1486.399 ± 46.961 χ^2/NDF : 8026.5/18

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 118.286+/-0.034 χ^2/NDF : 636918.0/16

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

Right Out: 117.088+/-0.033 χ^2/NDF : 690805.3/18

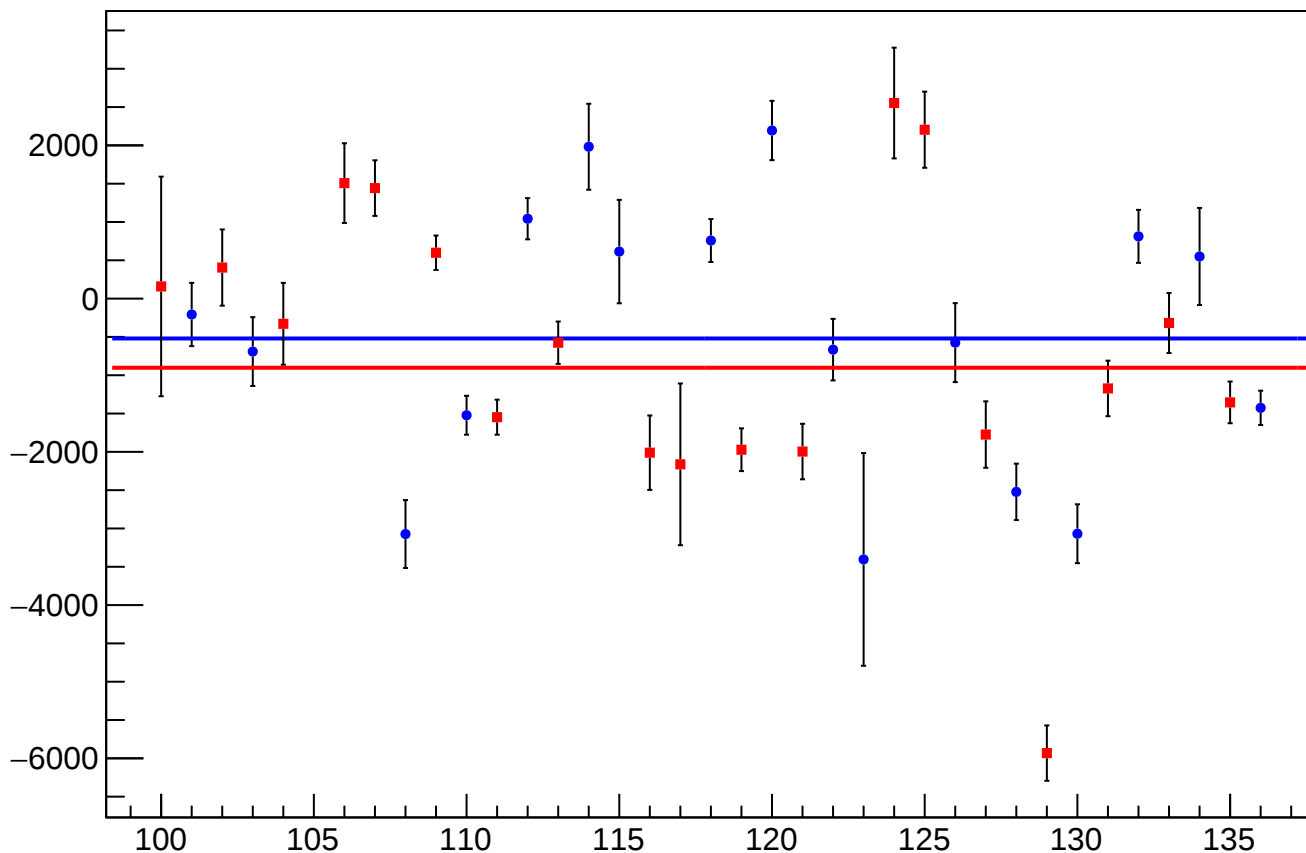
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

118.286+/-0.034 χ^2/NDF : 636918.0/16

117.666+/-0.024 χ^2/NDF : 1328351.3/35

117.088+/-0.033 χ^2/NDF : 690805.3/18

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -520.267+/-89.241 χ^2/NDF : 288.1/16

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

Right Out: -902.195+/-83.471 χ^2/NDF : 421.6/18

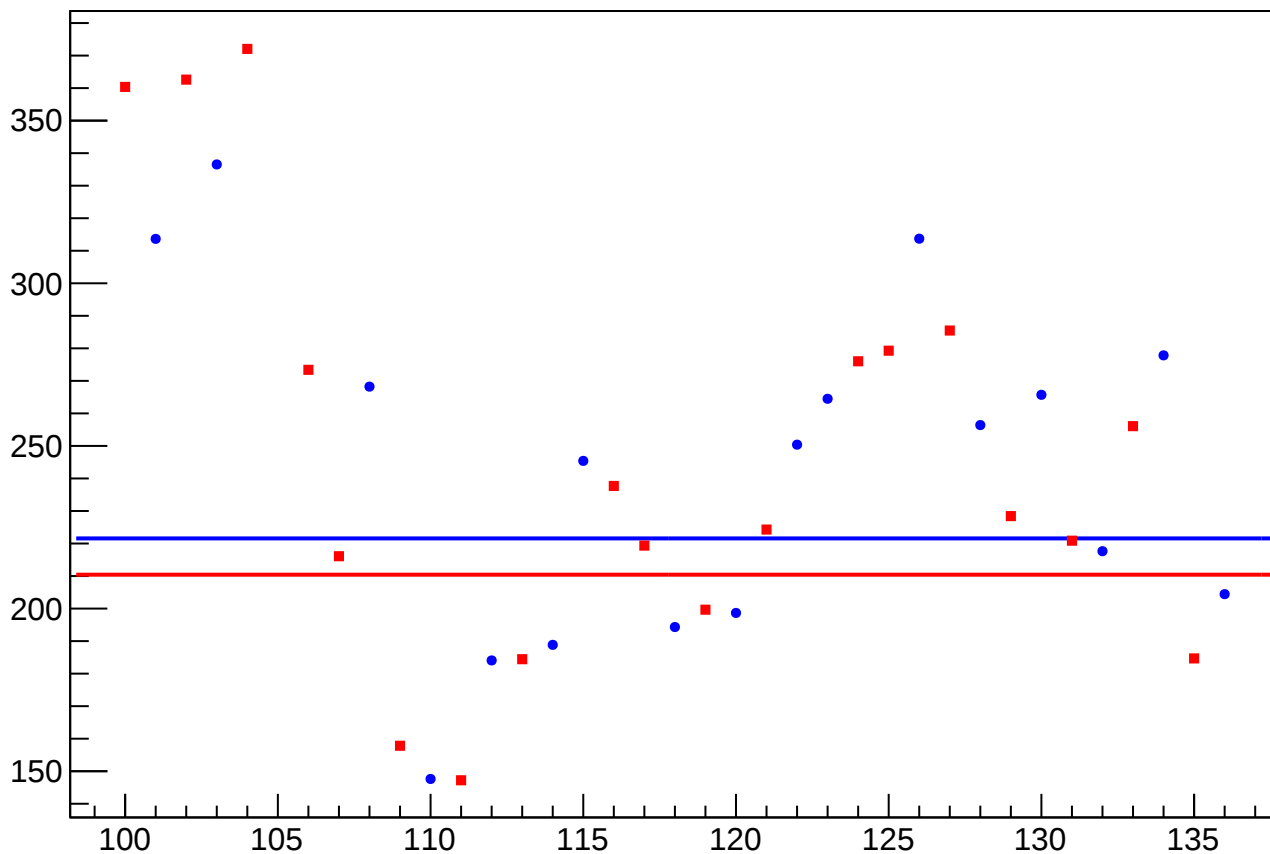
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-520.267+/-89.241 χ^2/NDF : 288.1/16

-723.977+/-60.961 χ^2/NDF : 719.5/35

-902.195+/-83.471 χ^2/NDF : 421.6/18

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 221.570 ± 0.063 χ^2/NDF : 644941.4/16

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

Right Out: 210.417 ± 0.059 χ^2/NDF : 880840.2/18

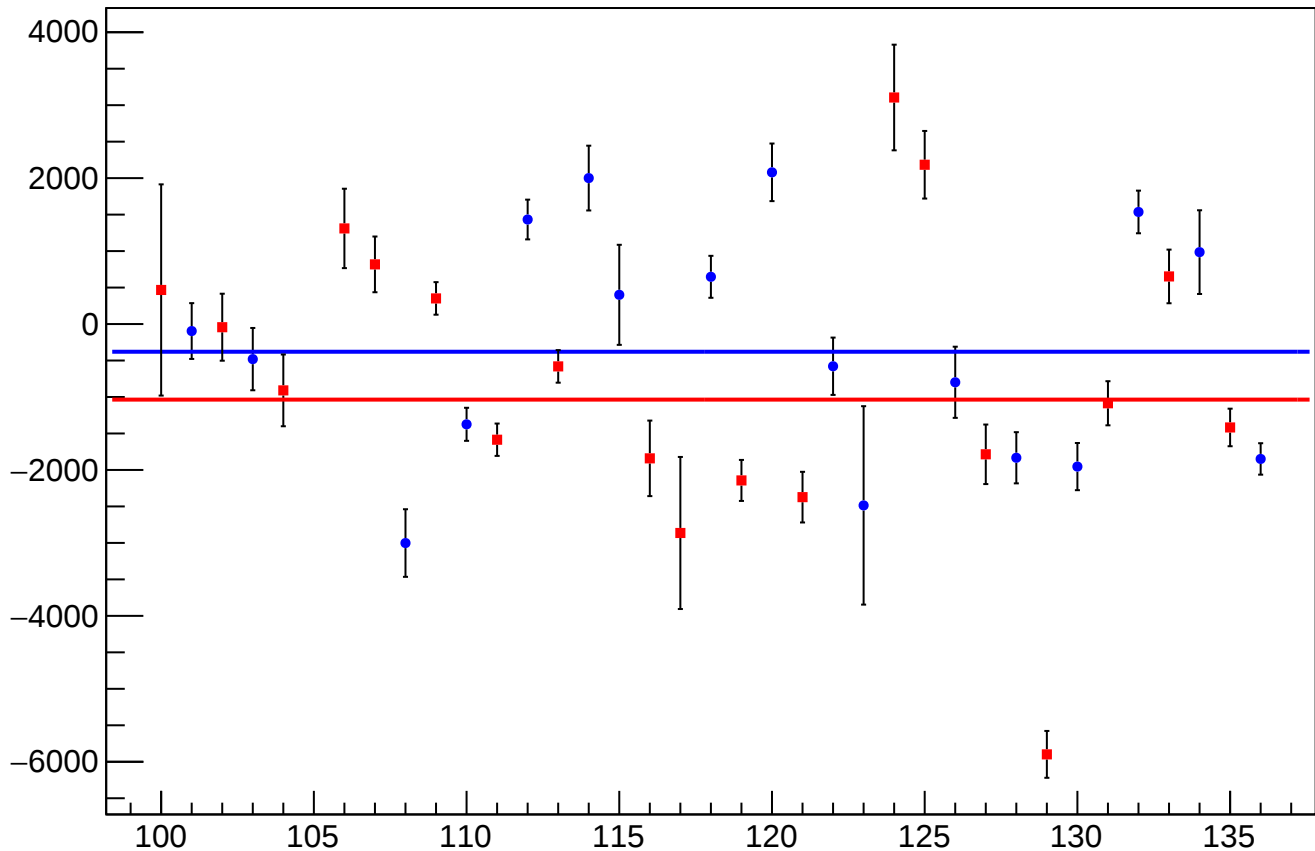
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

221.570 ± 0.063 χ^2/NDF : 644941.4/16

215.621 ± 0.043 χ^2/NDF : 1542441.0/35

210.417 ± 0.059 χ^2/NDF : 880840.2/18

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -379.647+/-84.260 χ^2/NDF : 317.2/16

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

Right Out: -1035.830+/-78.716 χ^2/NDF : 469.7/18

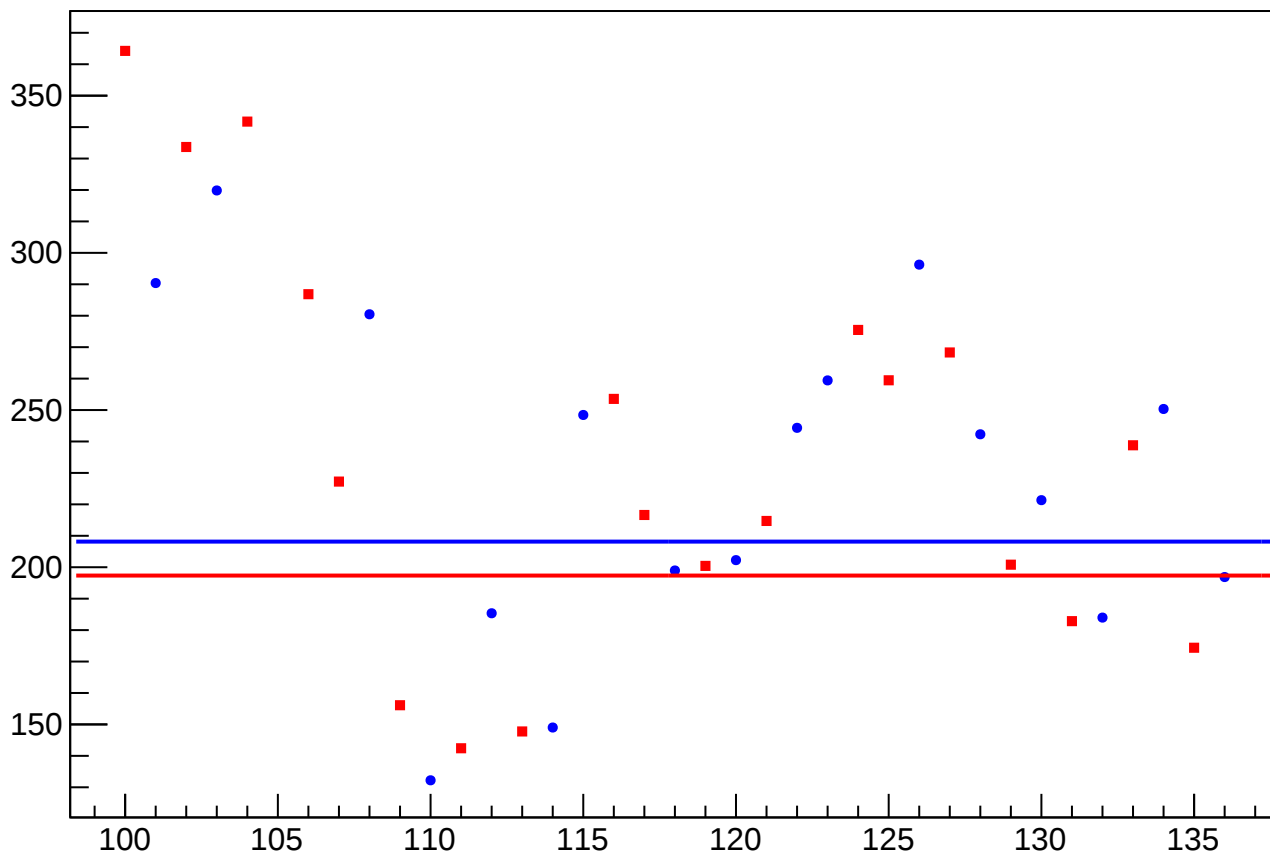
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-379.647+/-84.260 χ^2/NDF : 317.2/16

-730.033+/-57.521 χ^2/NDF : 819.3/35

-1035.830+/-78.716 χ^2/NDF : 469.7/18

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 208.151+/-0.060 χ^2/NDF : 699084.2/16

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

Right Out: 197.349+/-0.056 χ^2/NDF : 926961.2/18

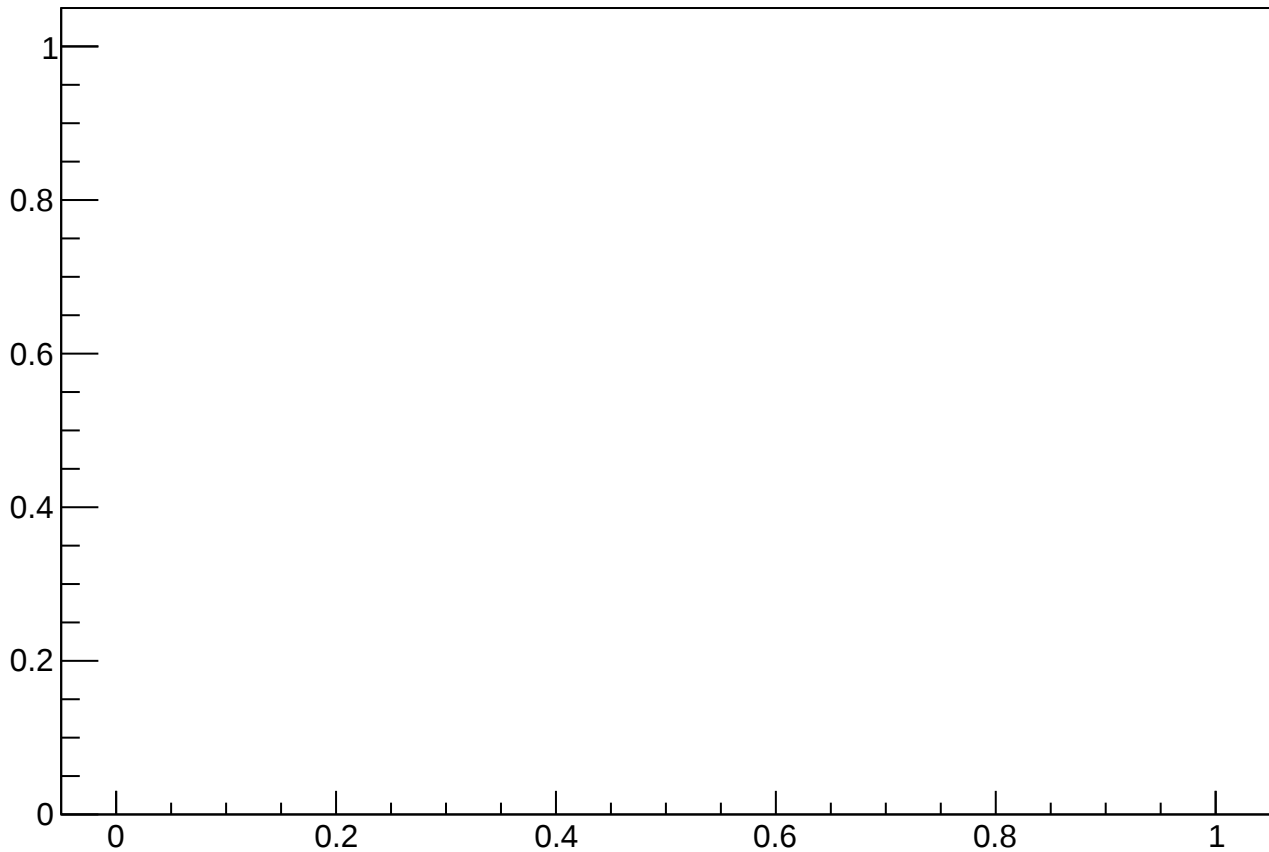
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

208.151+/-0.060 χ^2/NDF : 699084.2/16

202.383+/-0.041 χ^2/NDF : 1643596.3/35

197.349+/-0.056 χ^2/NDF : 926961.2/18

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

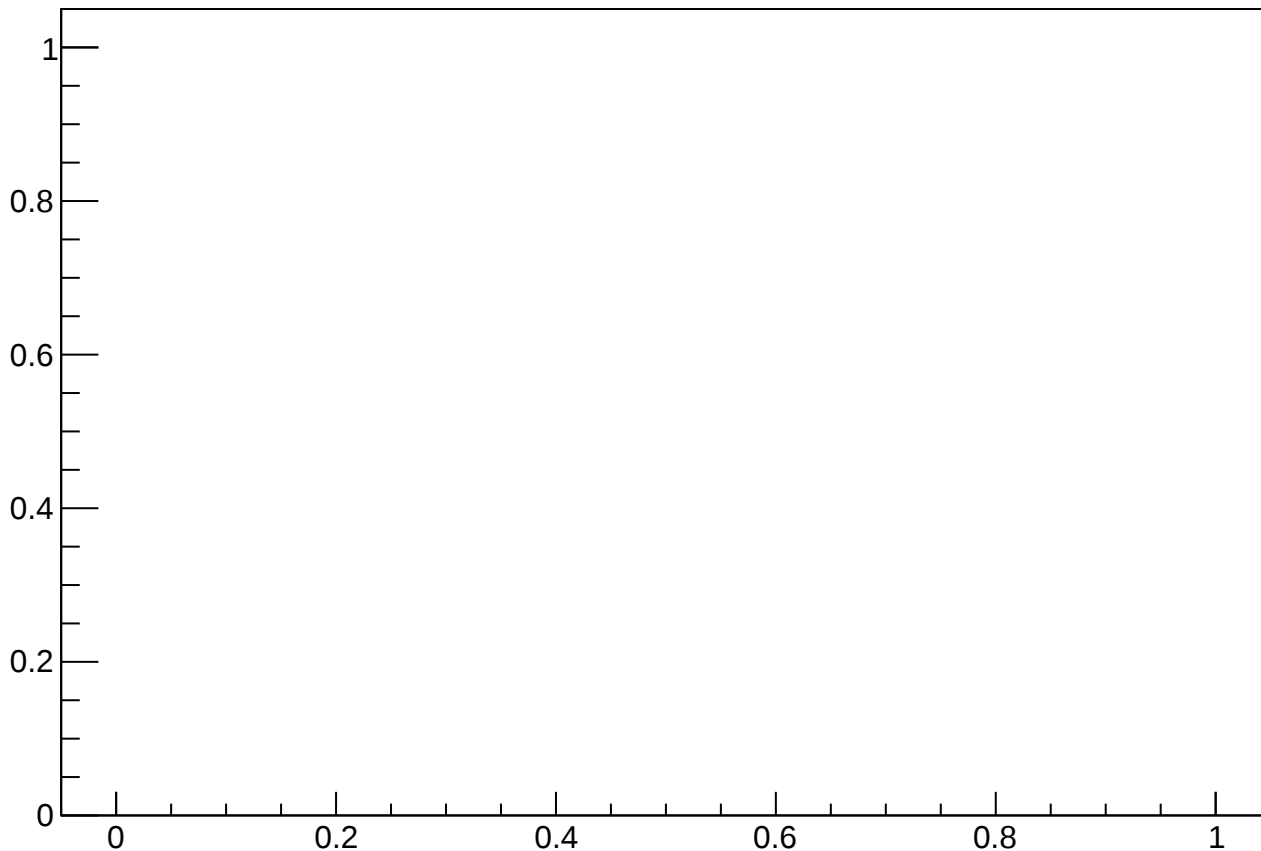
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

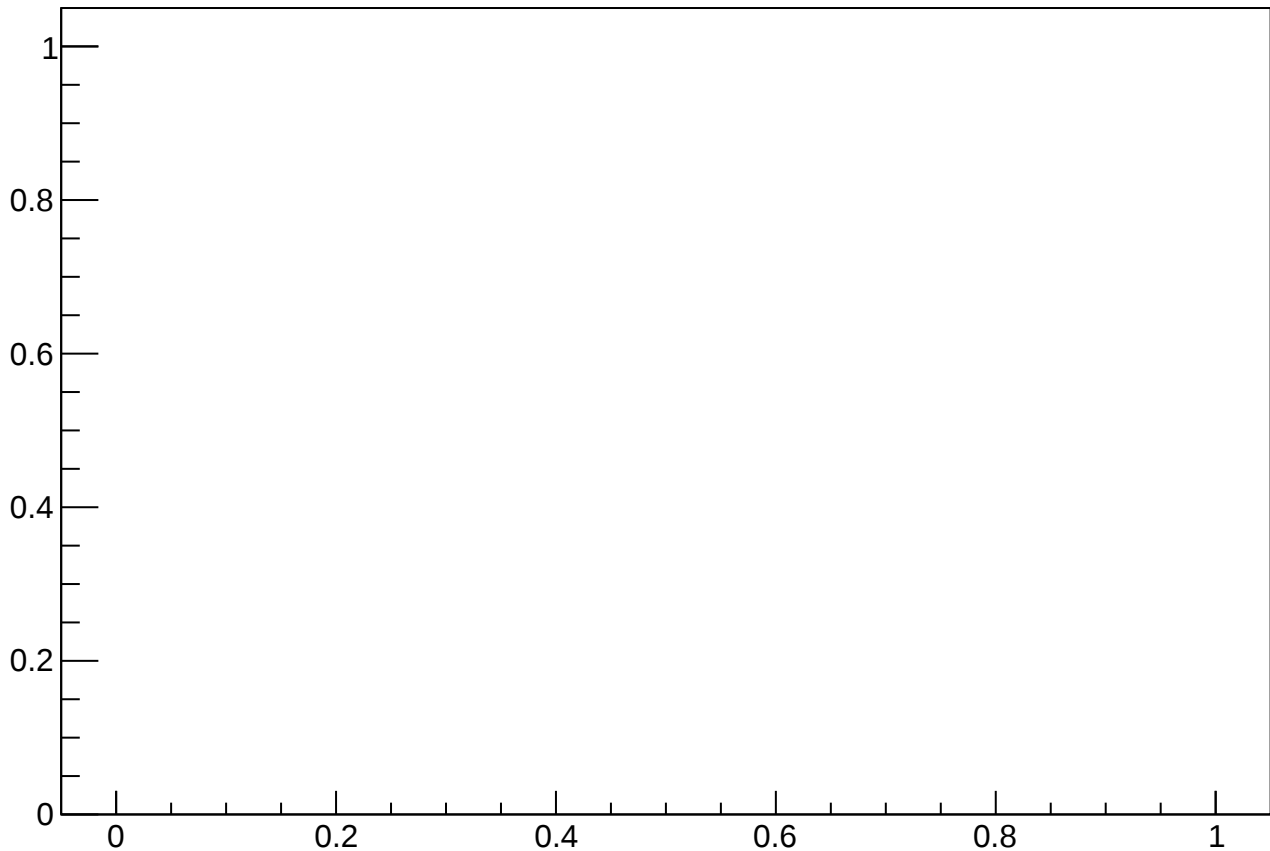
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-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

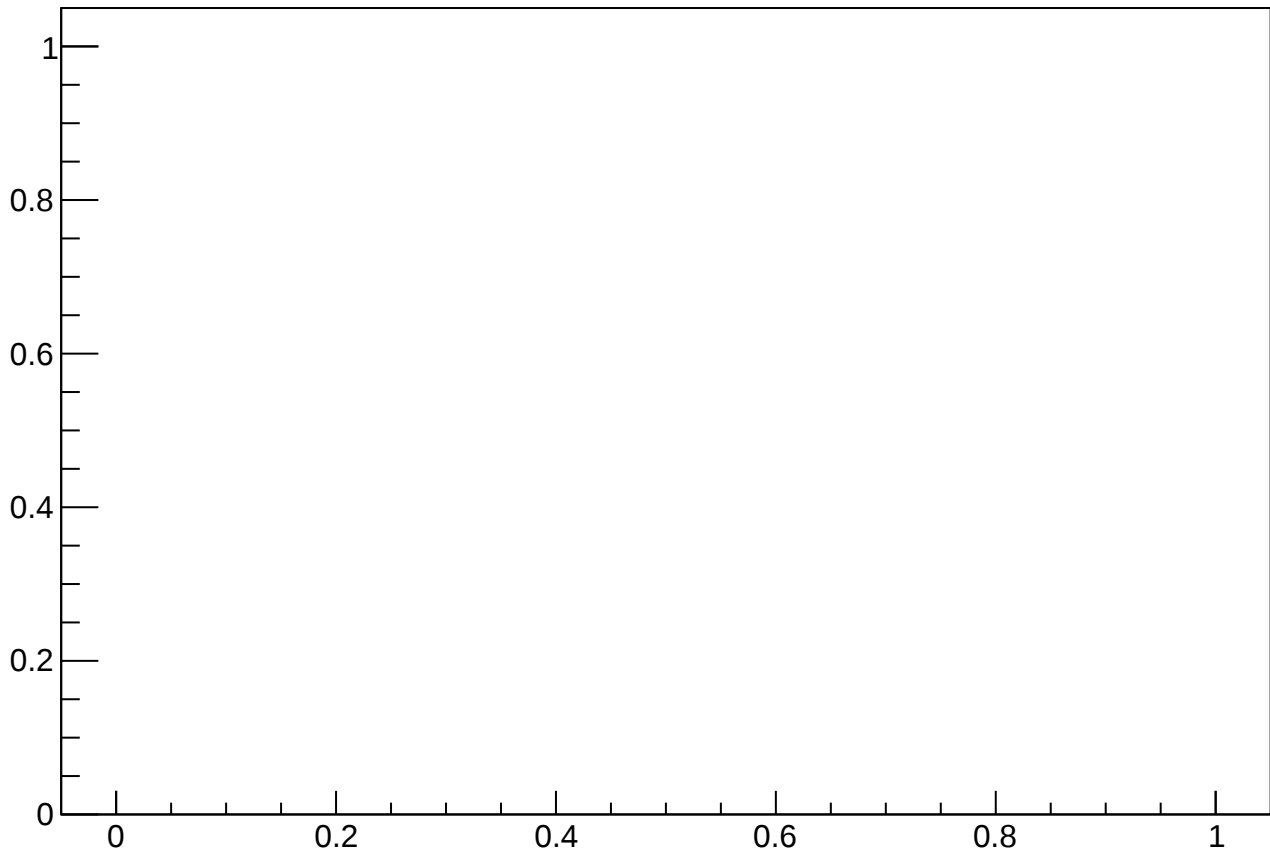
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_mean vs Slug, Sign Corrected



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

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

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

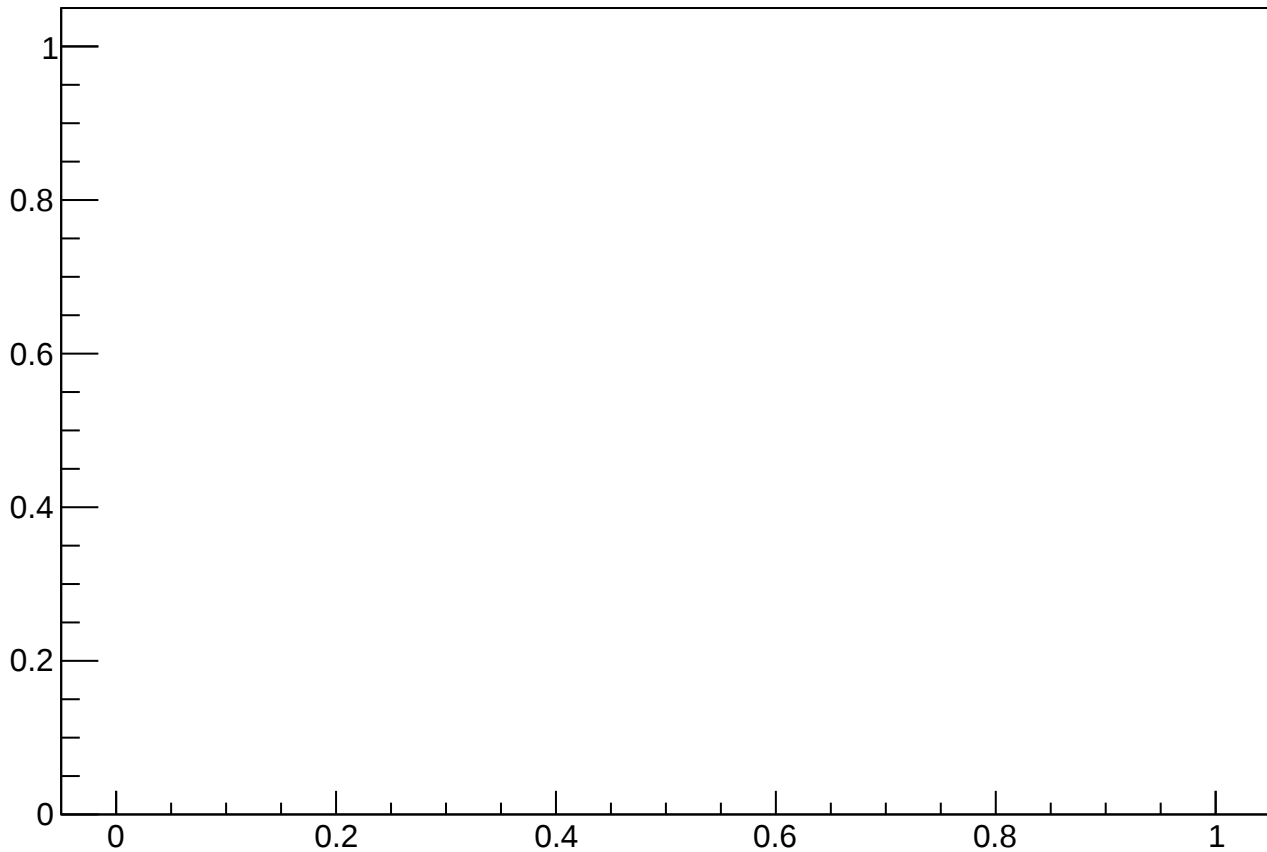
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_dd_rms vs Slug, Sign Corrected



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

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

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

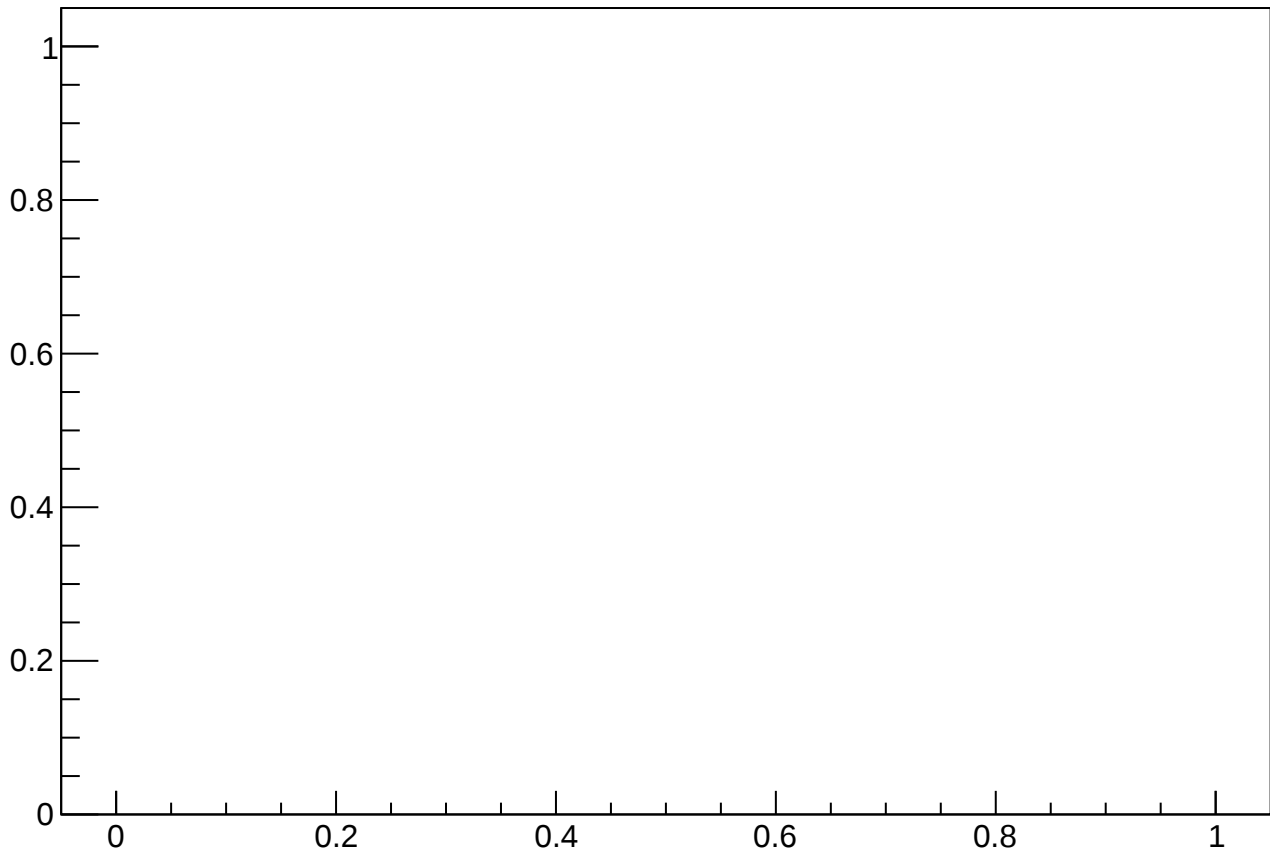
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_dd_mean vs Slug, Sign Corrected



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

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

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

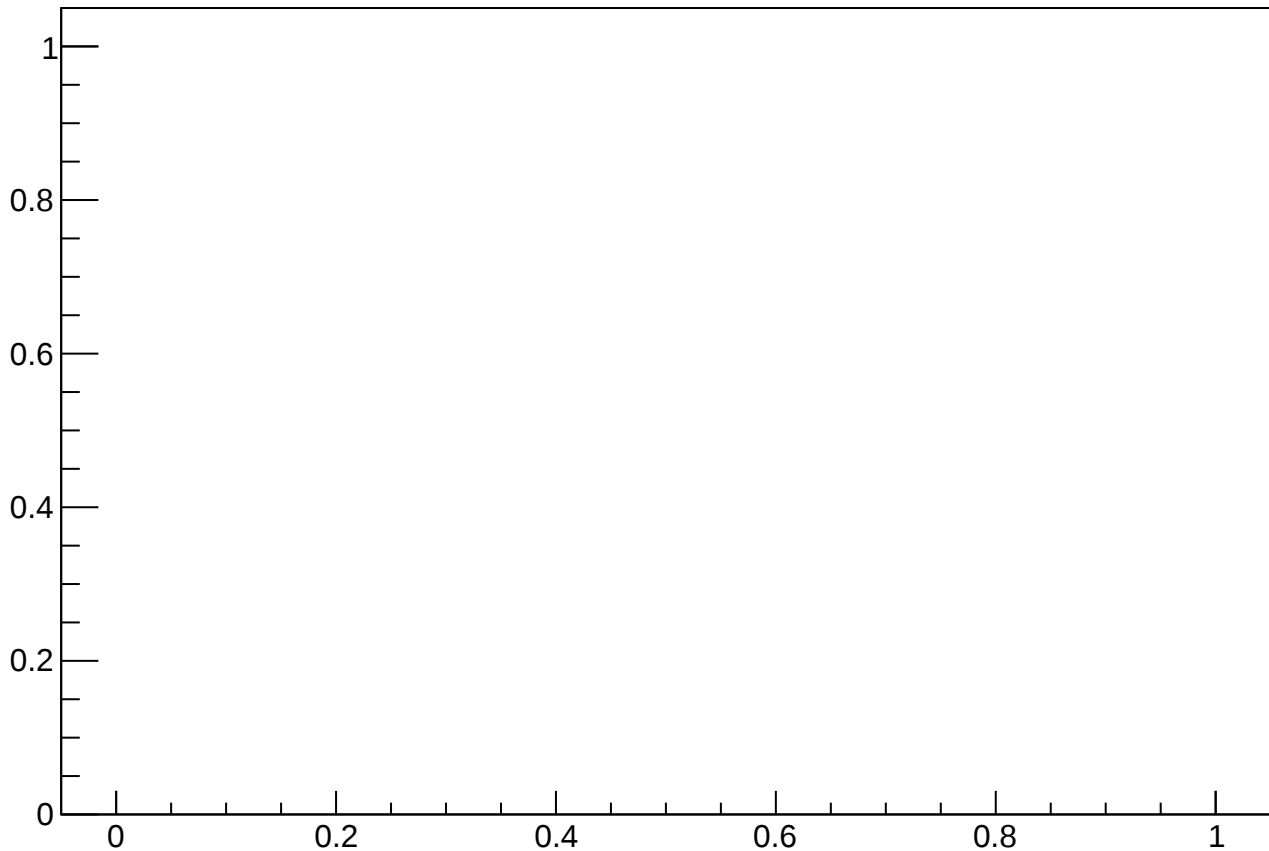
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_dg_ds_ds_dd_rms vs Slug, Sign Corrected



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

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

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

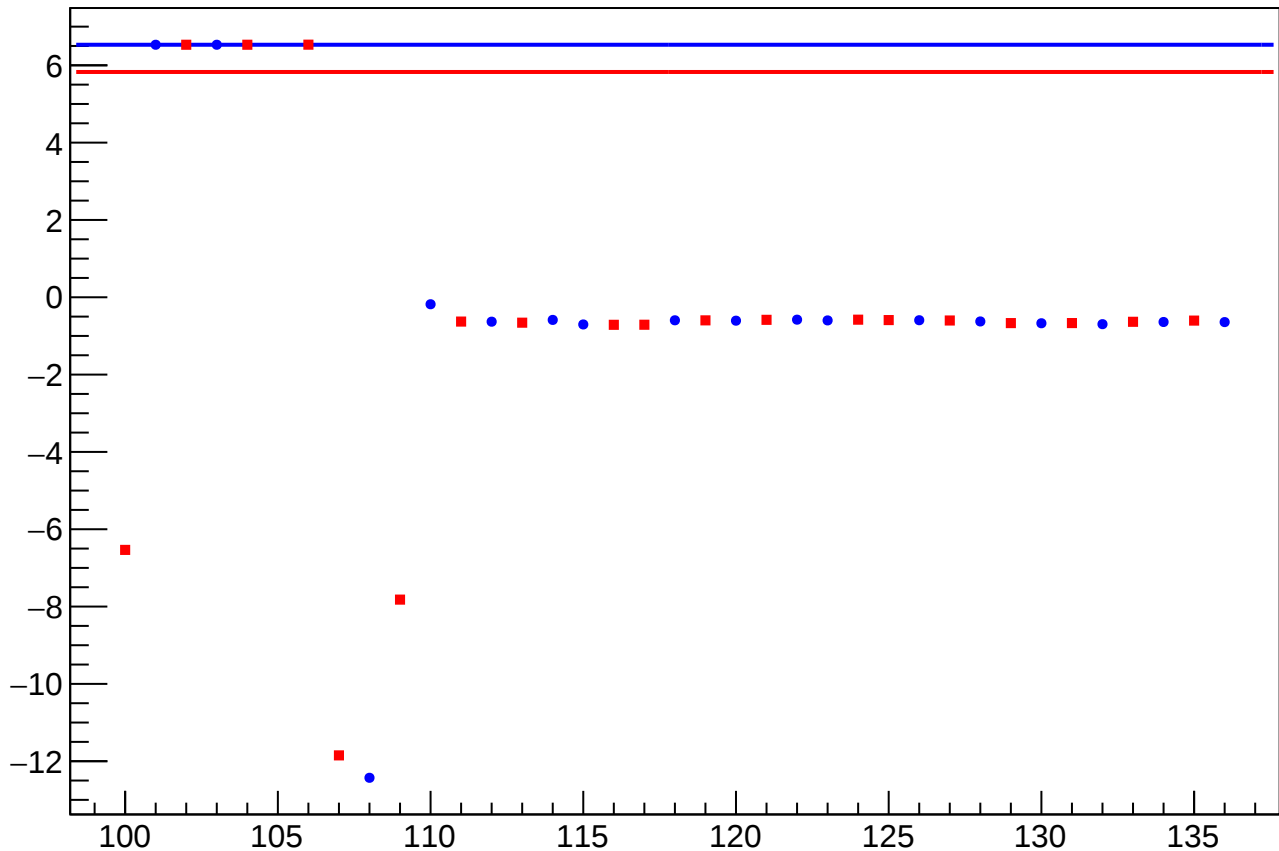
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 6.532+/-0.000 χ^2/NDF : 127219747629.7/16

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

6.532+/-0.000 χ^2/NDF : 127219747629.7/16

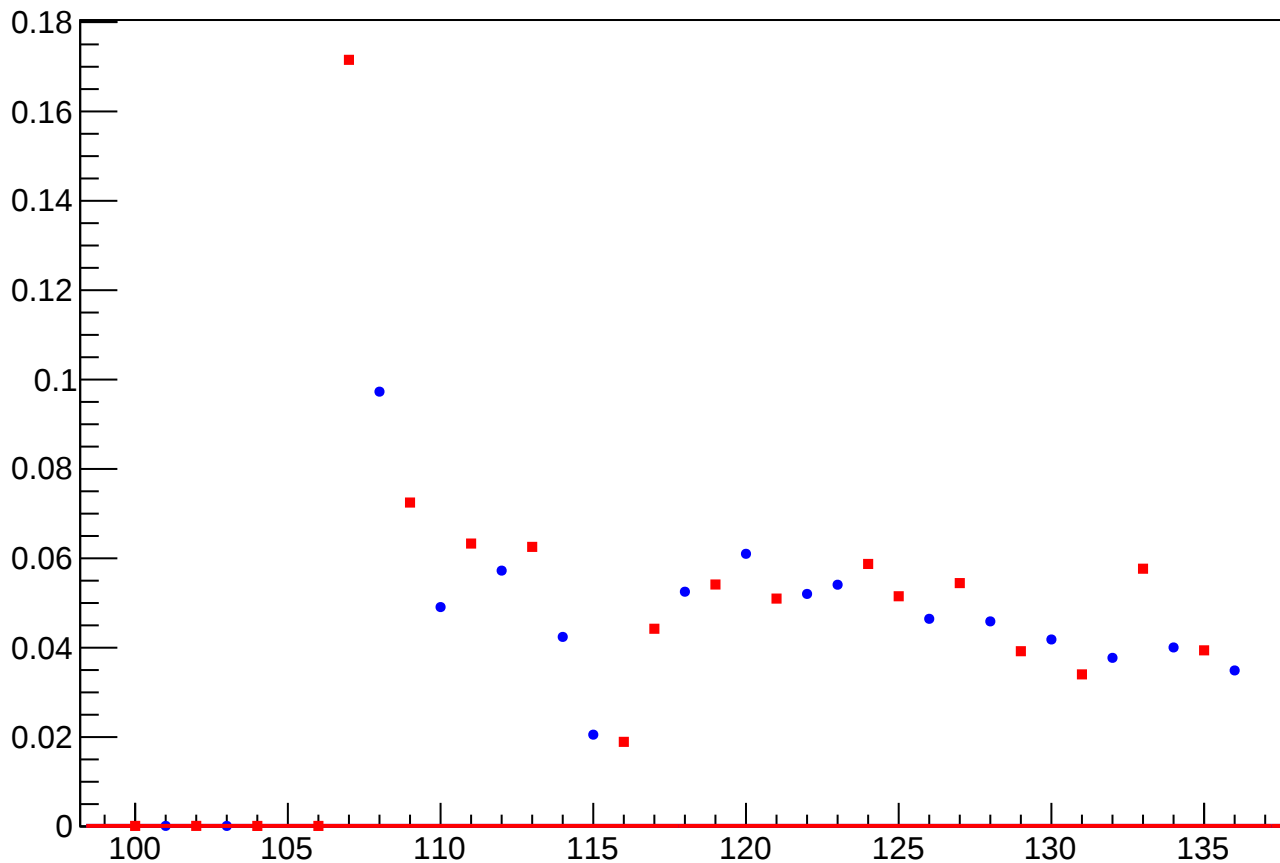
6.155+/-0.000 χ^2/NDF : 77608834171134

Right Out: 5.827+/-0.000 χ^2/NDF : 755957571252689.9/18

5.827+/-0.000 χ^2/NDF : 755957571252689.9/18

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

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8888070.2/16

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

Right Out: 0.000+/-0.000 χ^2/NDF : 9151864.7/18

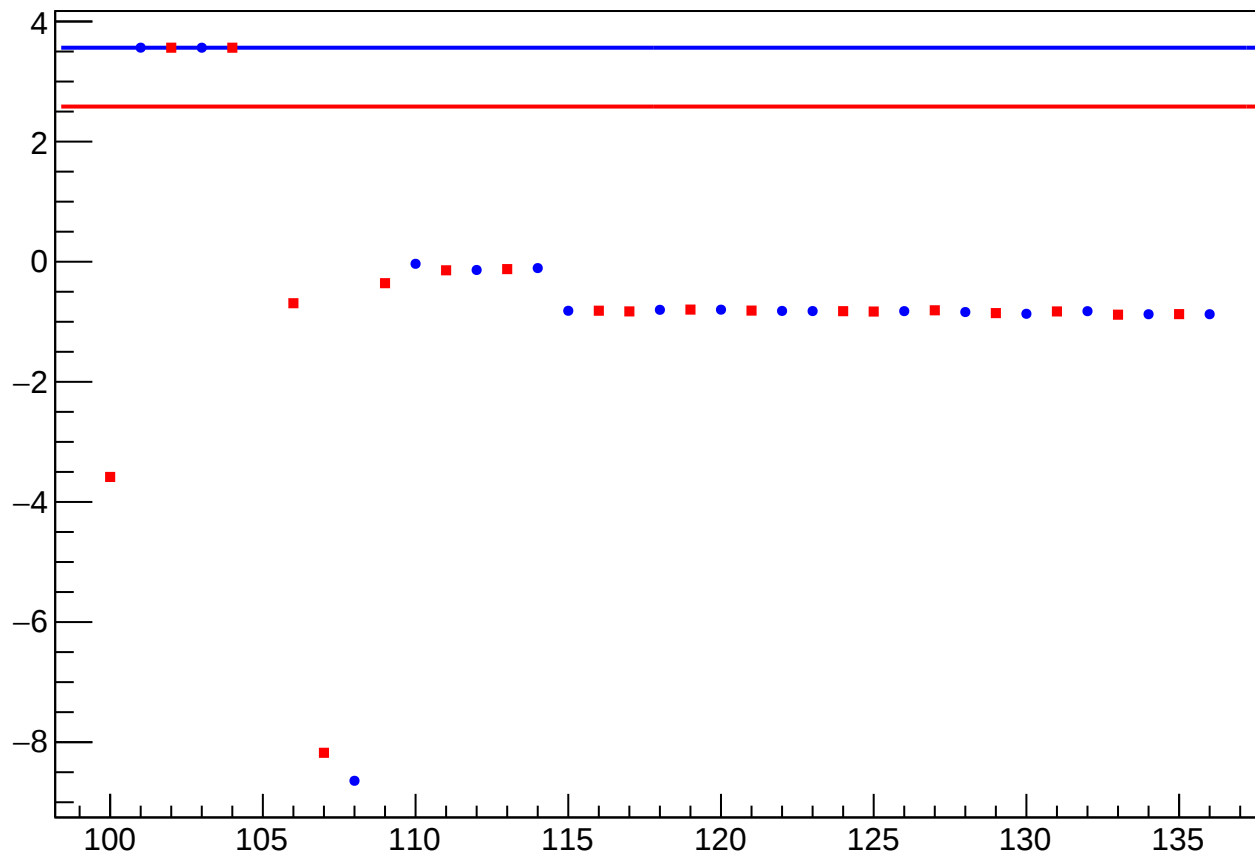
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 8888070.2/16

0.000+/-0.000 χ^2/NDF : 18040193.1/35

0.000+/-0.000 χ^2/NDF : 9151864.7/18

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 3.563+/-0.000 χ^2/NDF : 481634392464.0/16

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

Right Out: 2.583+/-0.000 χ^2/NDF : 1253473200442888.2/18

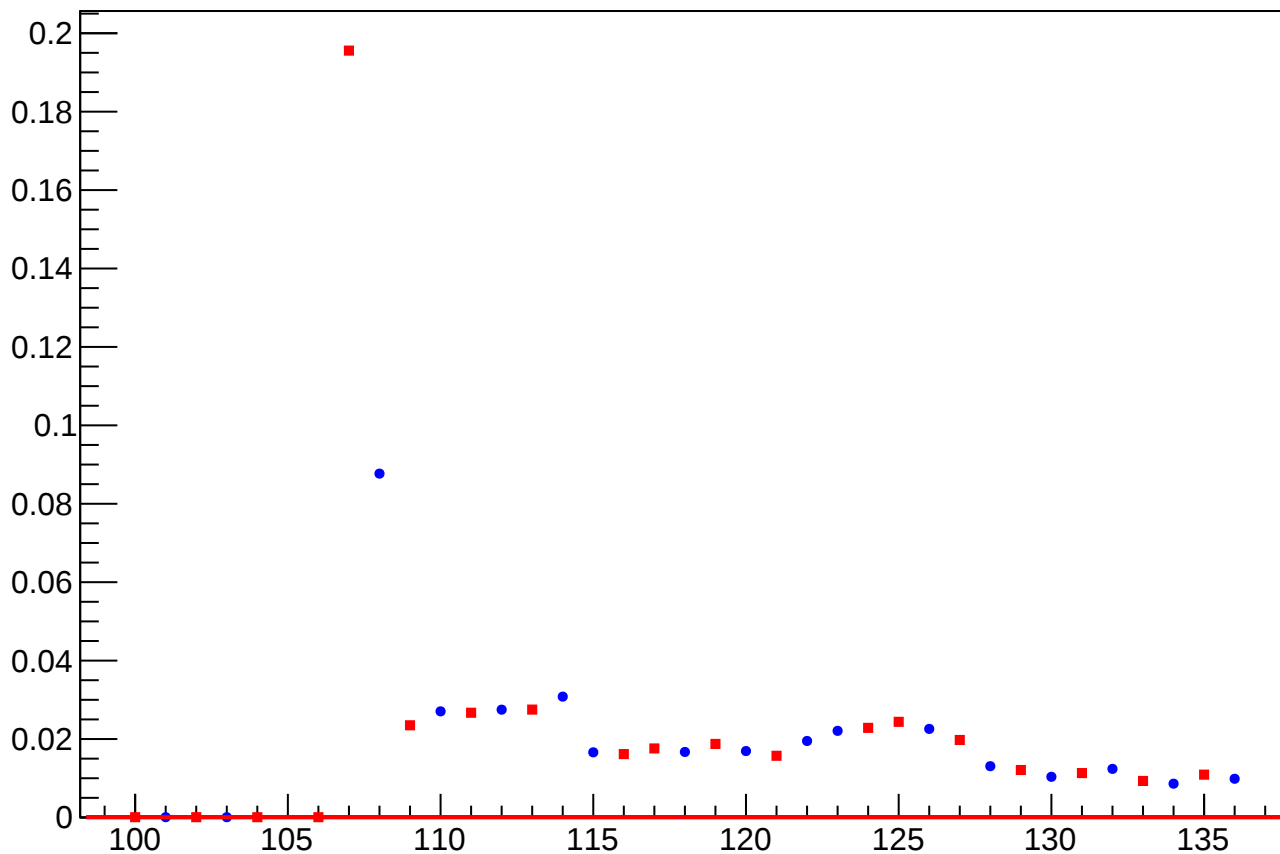
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.563+/-0.000 χ^2/NDF : 481634392464.0/16

3.040+/-0.000 χ^2/NDF : 13822176883880

2.583+/-0.000 χ^2/NDF : 1253473200442888.2/18

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9724059.3/16

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

Right Out: 0.000+/-0.000 χ^2/NDF : 9621945.0/18

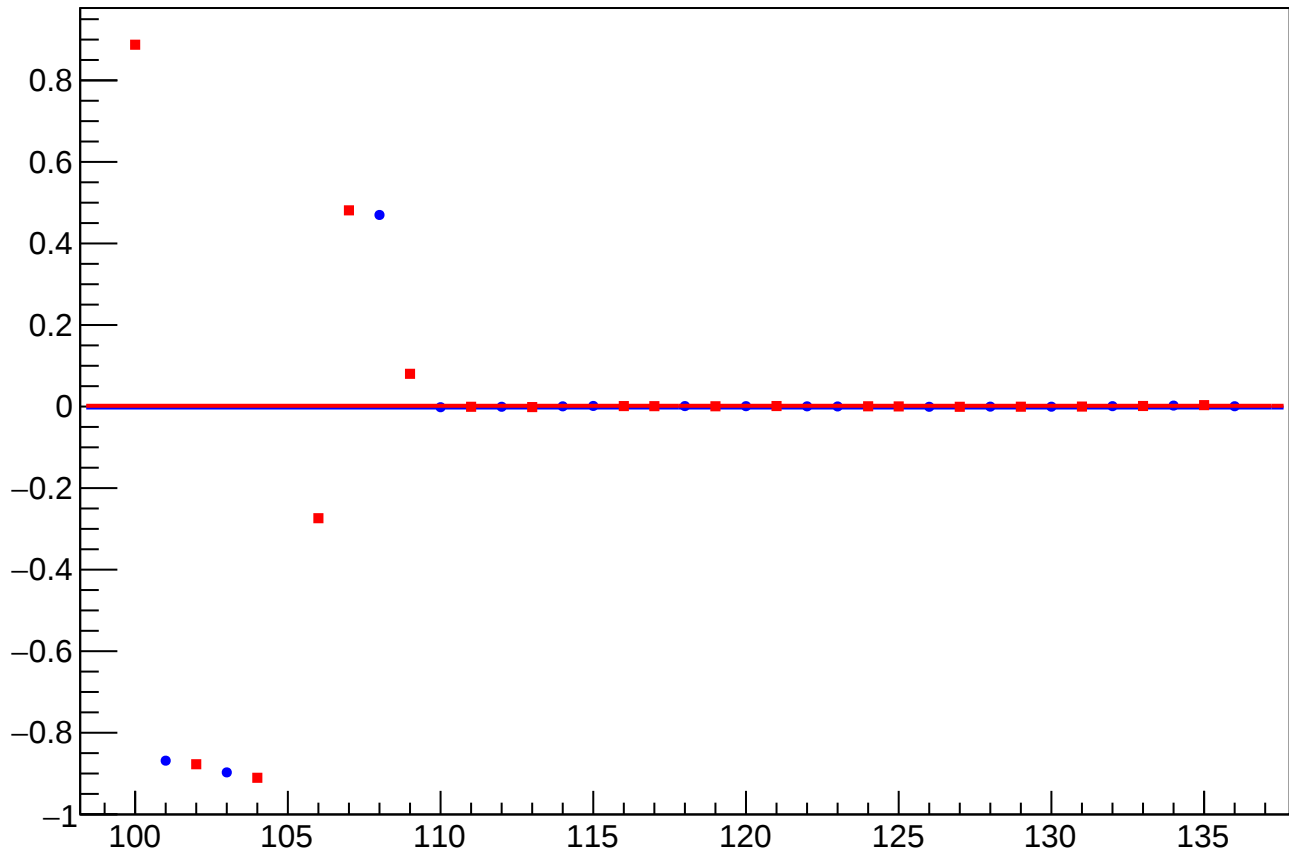
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 9724059.3/16

0.000+/-0.000 χ^2/NDF : 19346313.2/35

0.000+/-0.000 χ^2/NDF : 9621945.0/18

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.002+/-0.000 χ^2/NDF : 9794863405.3/16

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3041193224.3/18

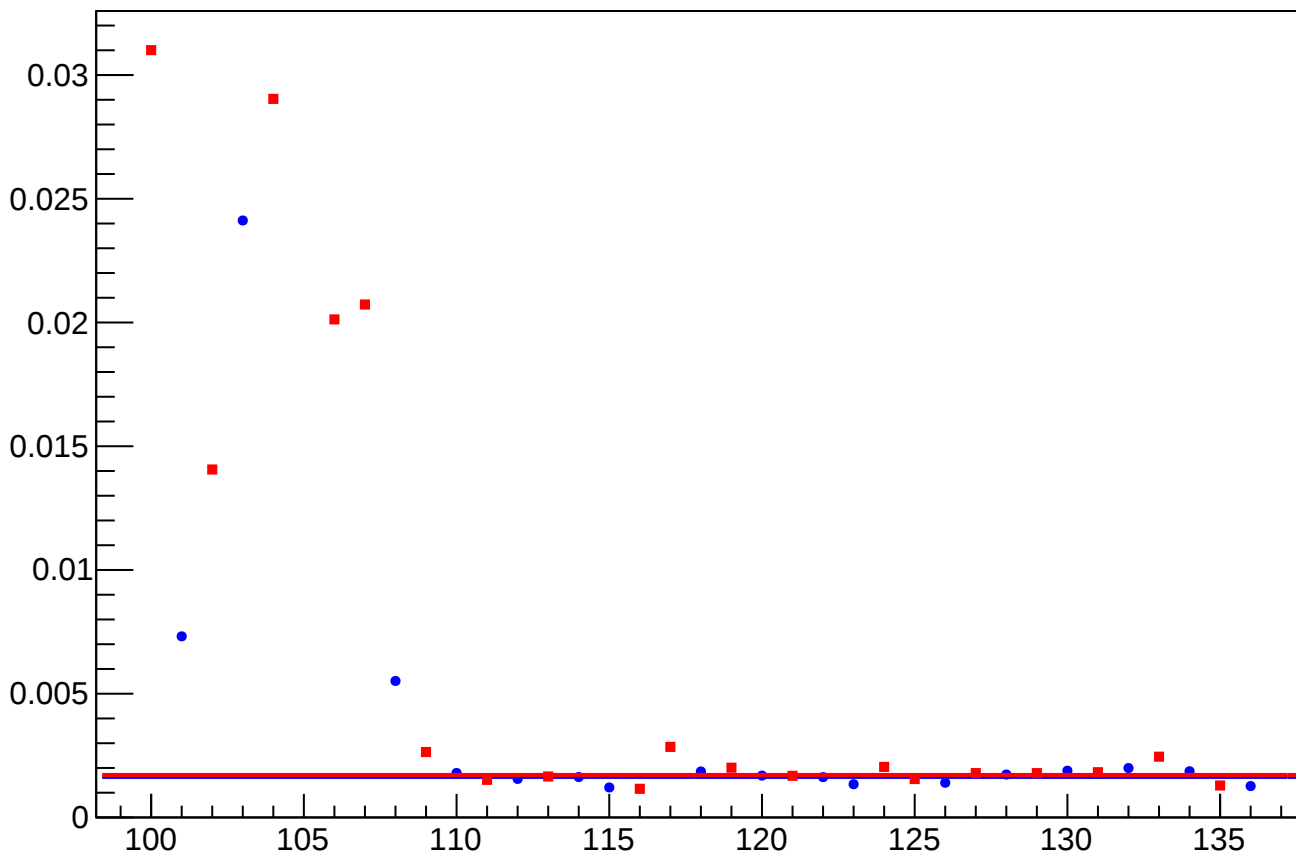
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.002+/-0.000 χ^2/NDF : 9794863405.3/16

-0.000+/-0.000 χ^2/NDF : 12850287343.2/16

0.002+/-0.000 χ^2/NDF : 3041193224.3/18

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1916349.1/16

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3020885.3/18

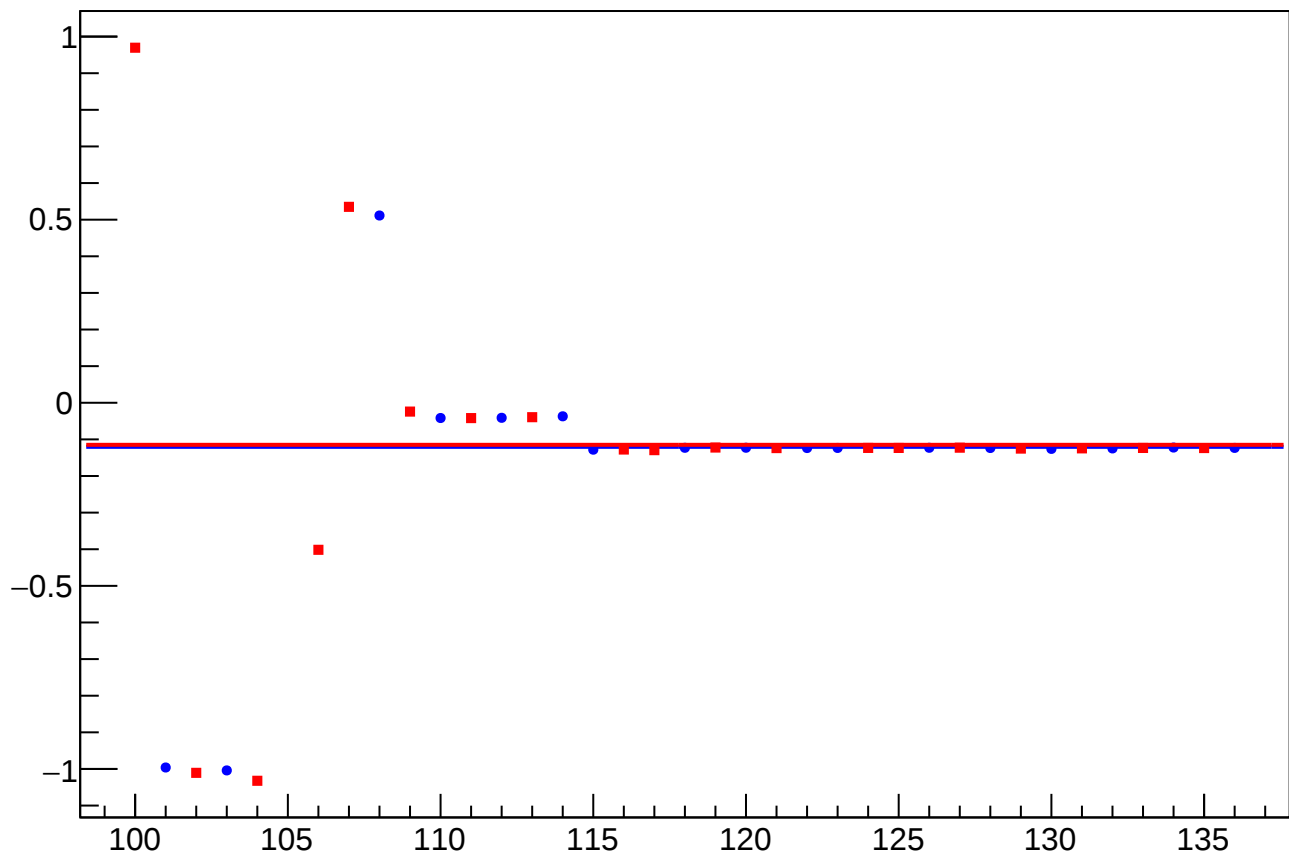
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 1916349.1/16

0.002+/-0.000 χ^2/NDF : 4947333.9/35

0.002+/-0.000 χ^2/NDF : 3020885.3/18

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.120+/-0.000 χ^2/NDF : 3932144335.2/16

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

Right Out: -0.115+/-0.000 χ^2/NDF : 2448936459.7/18

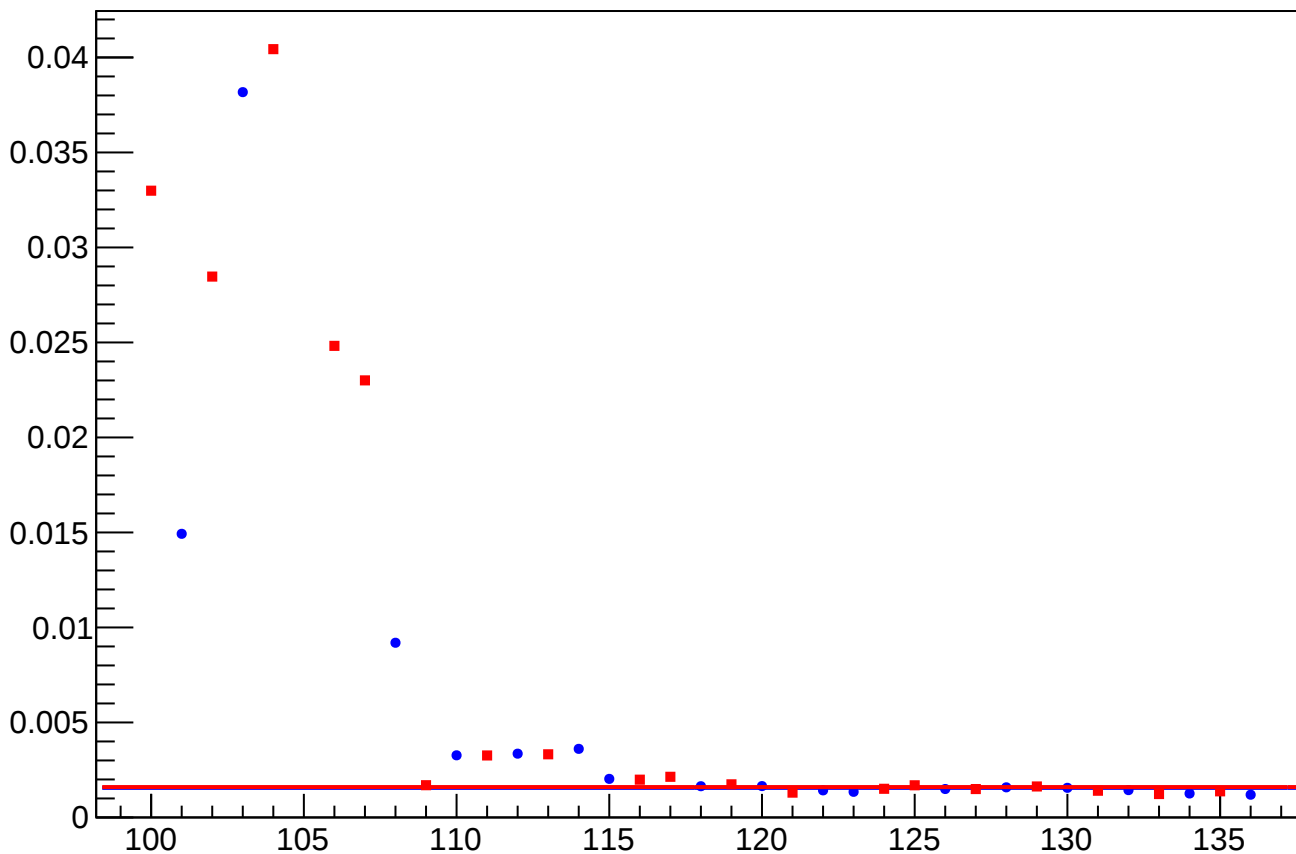
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.120+/-0.000 χ^2/NDF : 3932144335.2/16

-0.118+/-0.000 χ^2/NDF : 6408349406.8/3

-0.115+/-0.000 χ^2/NDF : 2448936459.7/18

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2901093.3/16

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3453913.1/18

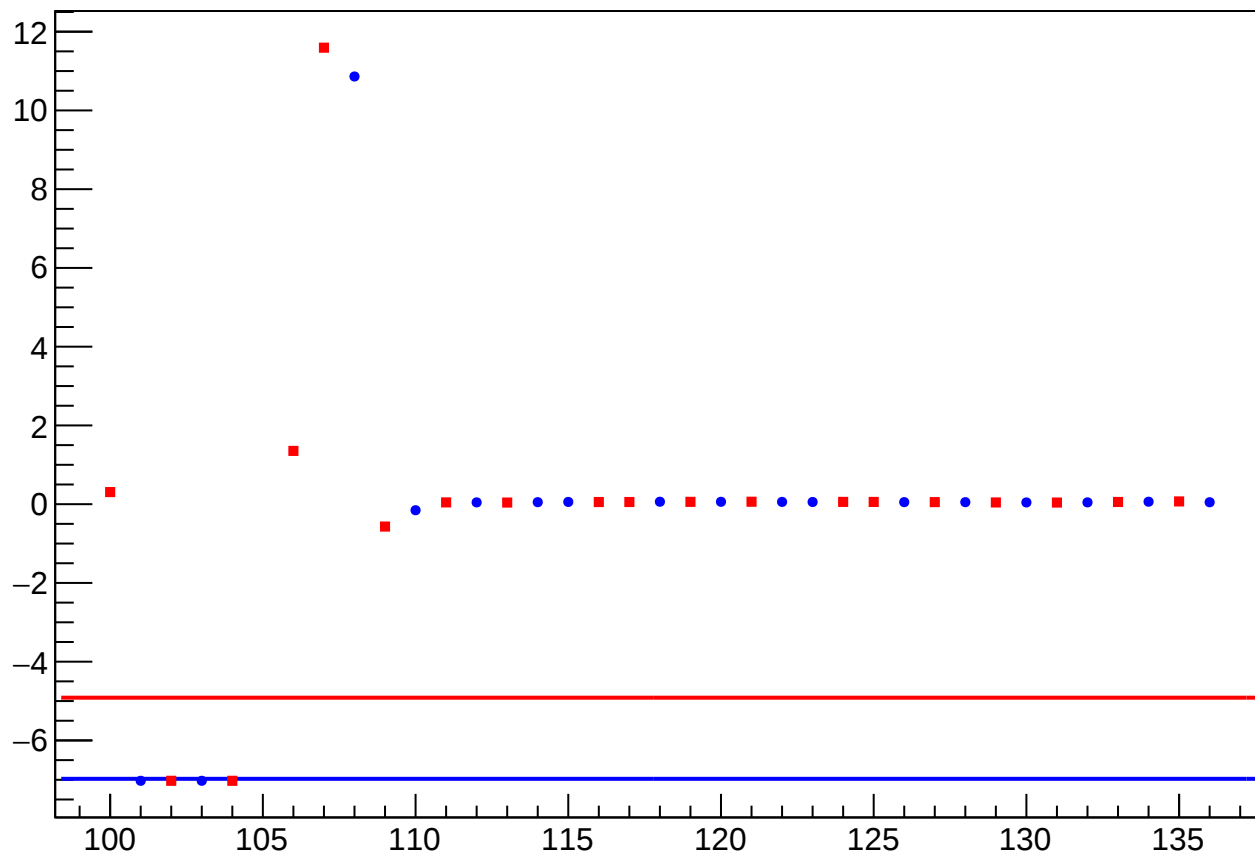
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 2901093.3/16

0.002+/-0.000 χ^2/NDF : 6358212.4/35

0.002+/-0.000 χ^2/NDF : 3453913.1/18

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -6.975+/-0.000 χ^2/NDF : 8749579700722.8/16

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

Right Out: -4.914+/-0.000 χ^2/NDF : 365298596598109.3/18

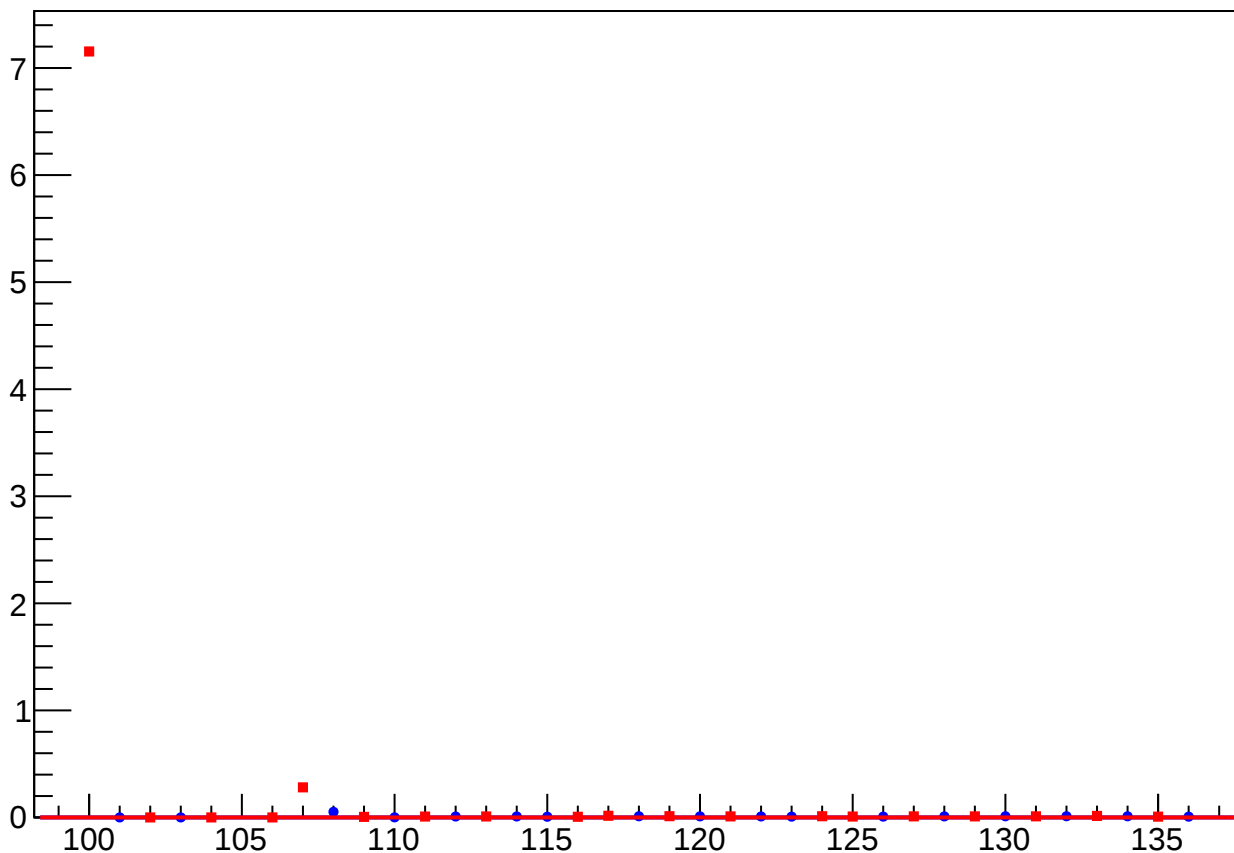
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.975+/-0.000 χ^2/NDF : 8749579700722.8/16

-5.900+/-0.000 χ^2/NDF : 4302222065594

-4.914+/-0.000 χ^2/NDF : 365298596598109.3/18

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8242728.7/16

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

Right Out: 0.000+/-0.000 χ^2/NDF : 8560814.7/18

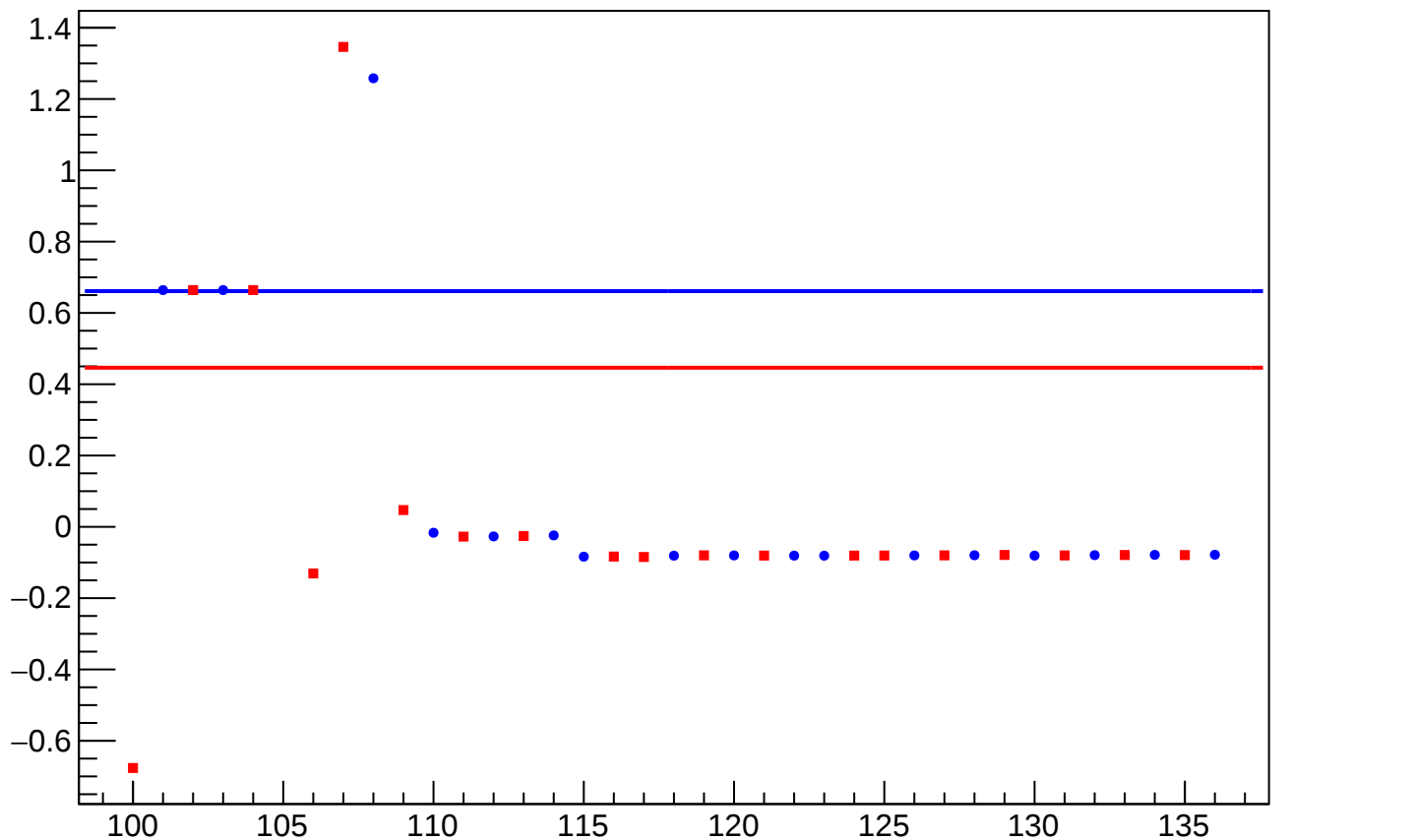
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 8242728.7/16

0.000+/-0.000 χ^2/NDF : 16803948.1/35

0.000+/-0.000 χ^2/NDF : 8560814.7/18

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.661+/-0.000 χ^2/NDF : 5607525081216.0/16

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

Right Out: 0.446+/-0.000 χ^2/NDF : 405210853741328.0/18

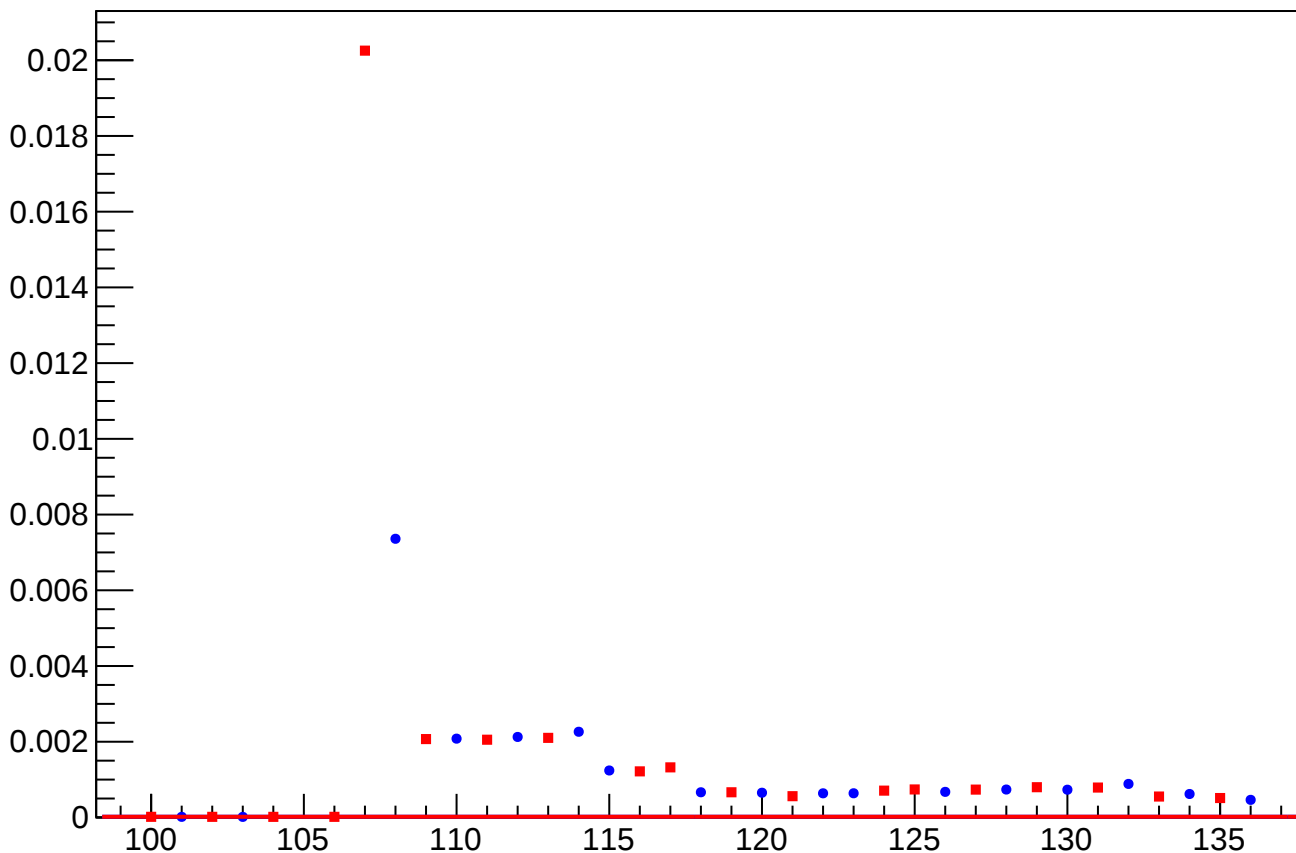
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.661+/-0.000 χ^2/NDF : 5607525081216.0/16

0.549+/-0.000 χ^2/NDF : 47365295771199

0.446+/-0.000 χ^2/NDF : 405210853741328.0/18

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9874012.7/16

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

Right Out: 0.000+/-0.000 χ^2/NDF : 9224066.5/18

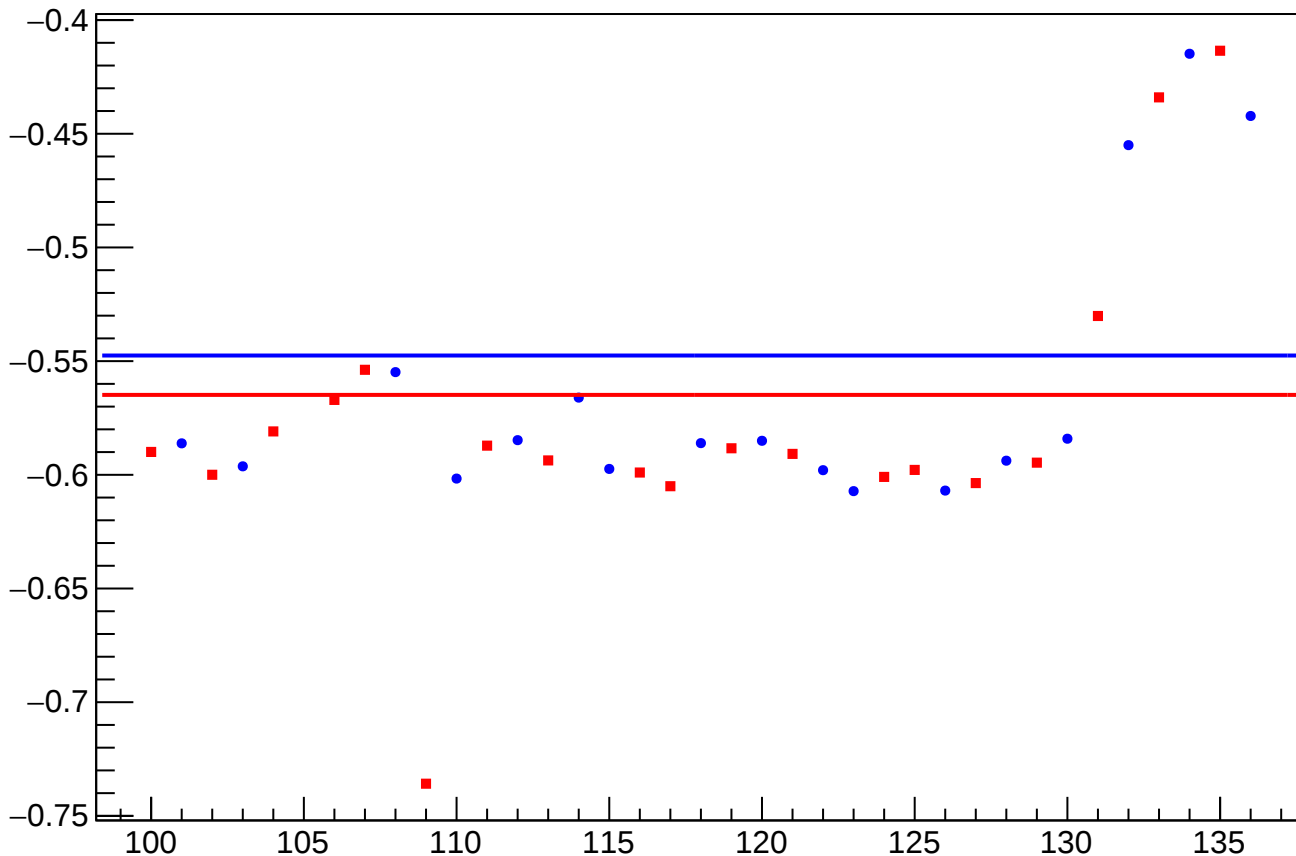
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 9874012.7/16

0.000+/-0.000 χ^2/NDF : 19098156.8/35

0.000+/-0.000 χ^2/NDF : 9224066.5/18

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.548+/-0.000 χ^2/NDF : 48545285.9/16

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

Right Out: -0.565+/-0.000 χ^2/NDF : 58847196.7/18

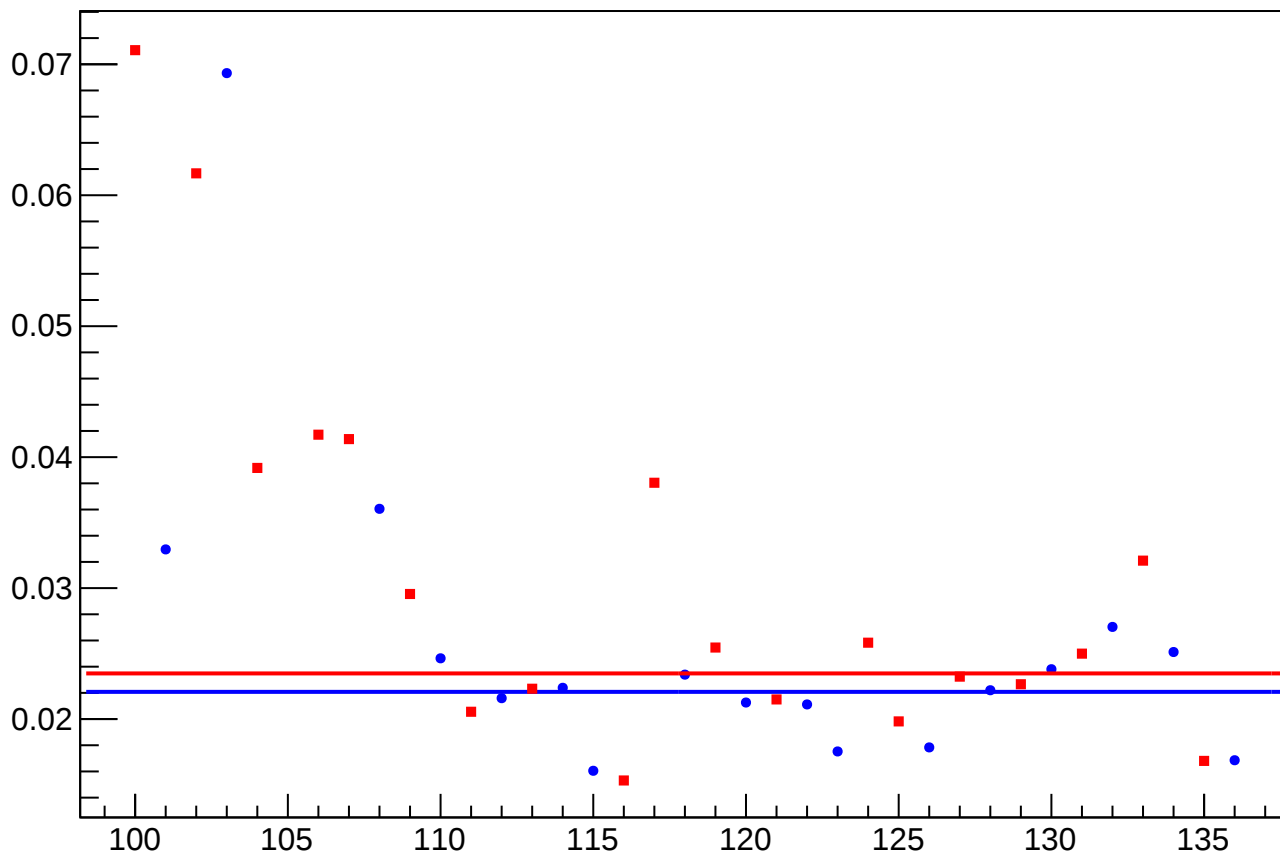
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.548+/-0.000 χ^2/NDF : 48545285.9/16

-0.556+/-0.000 χ^2/NDF : 108874746.8/35

-0.565+/-0.000 χ^2/NDF : 58847196.7/18

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.022+/-0.000 χ^2/NDF : 954779.5/16

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

Right Out: 0.023+/-0.000 χ^2/NDF : 1139703.6/18

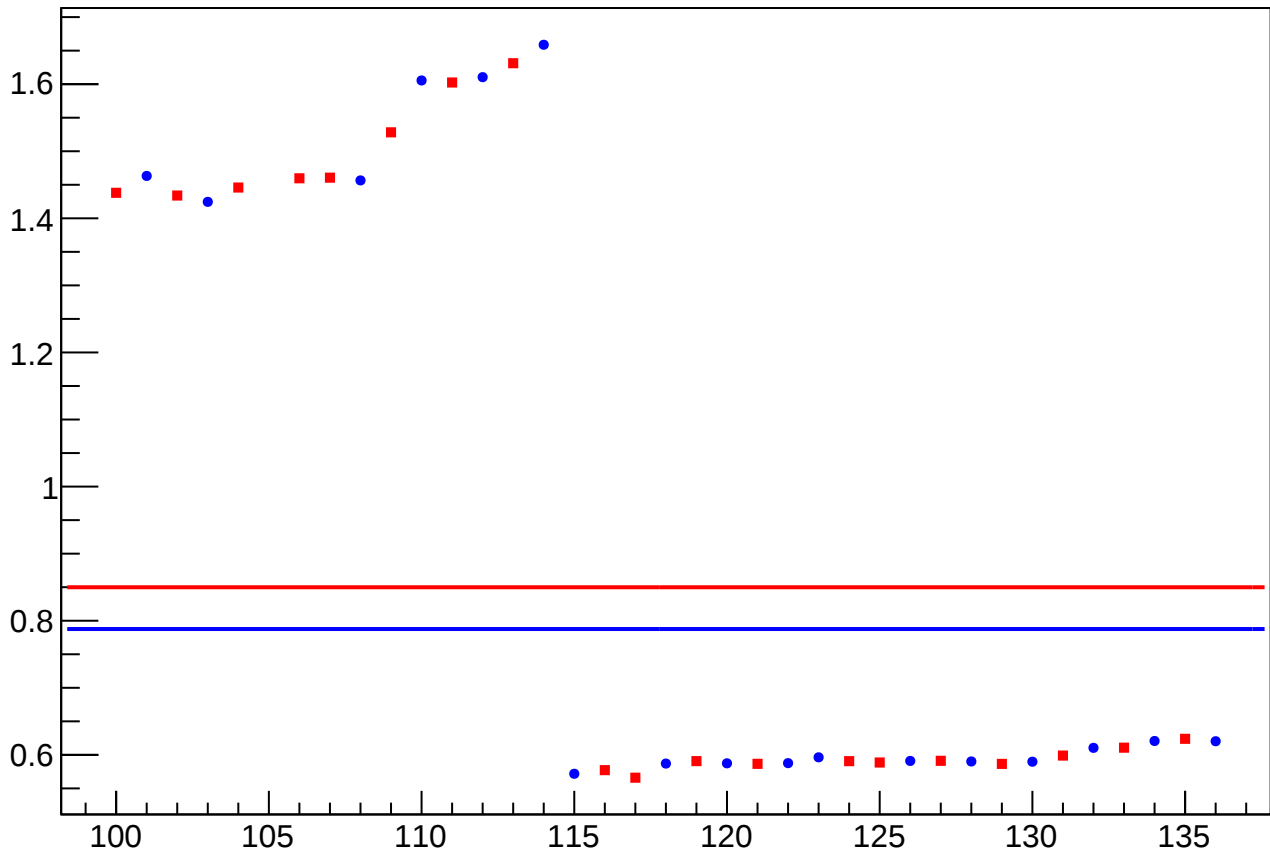
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.022+/-0.000 χ^2/NDF : 954779.5/16

0.023+/-0.000 χ^2/NDF : 2114075.3/35

0.023+/-0.000 χ^2/NDF : 1139703.6/18

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.788+/-0.000 χ^2/NDF : 3581400502.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.850+/-0.000 χ^2/NDF : 4058931977.8/18

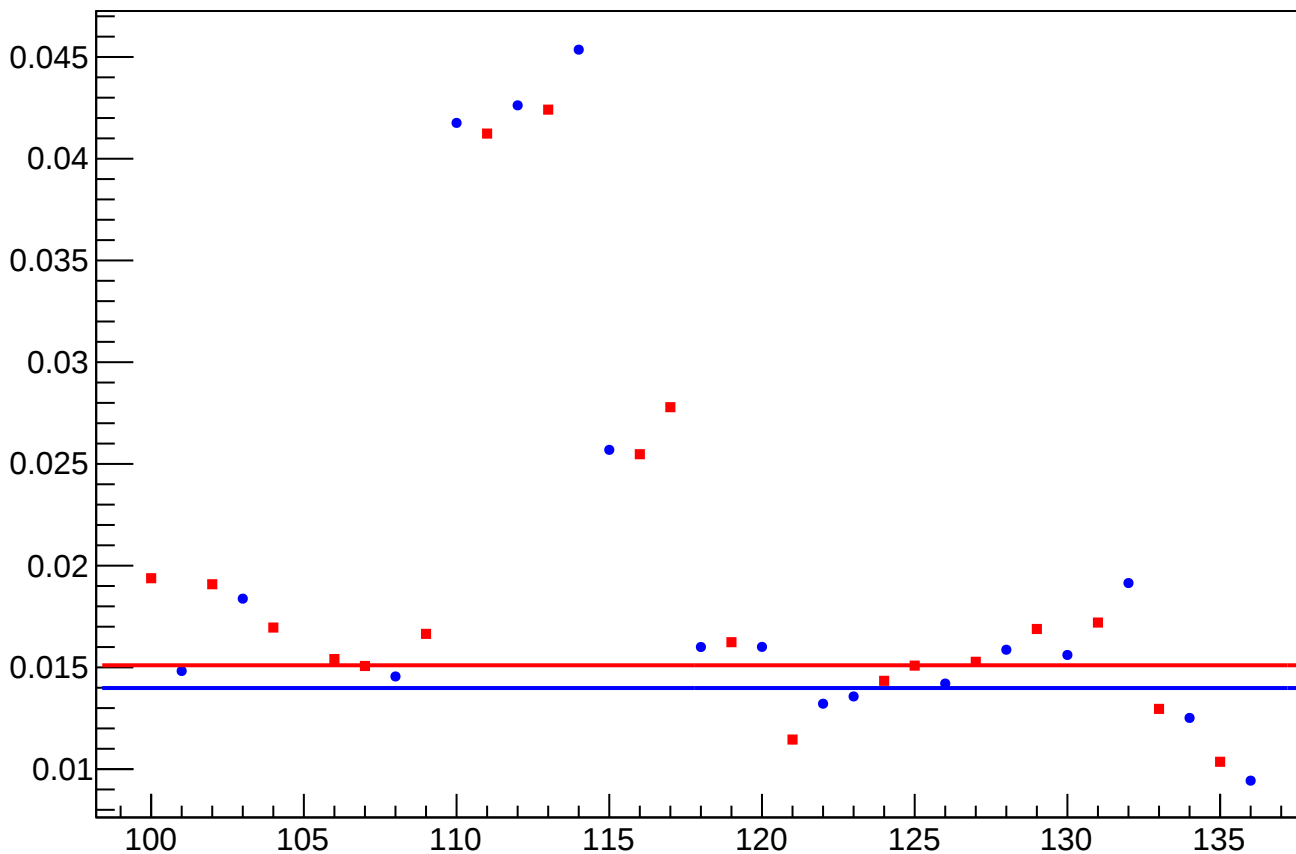
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.788+/-0.000 χ^2/NDF : 3581400502.4/16

0.817+/-0.000 χ^2/NDF : 7693182472.0/35

0.850+/-0.000 χ^2/NDF : 4058931977.8/18

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1398505.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 1164038.6/18

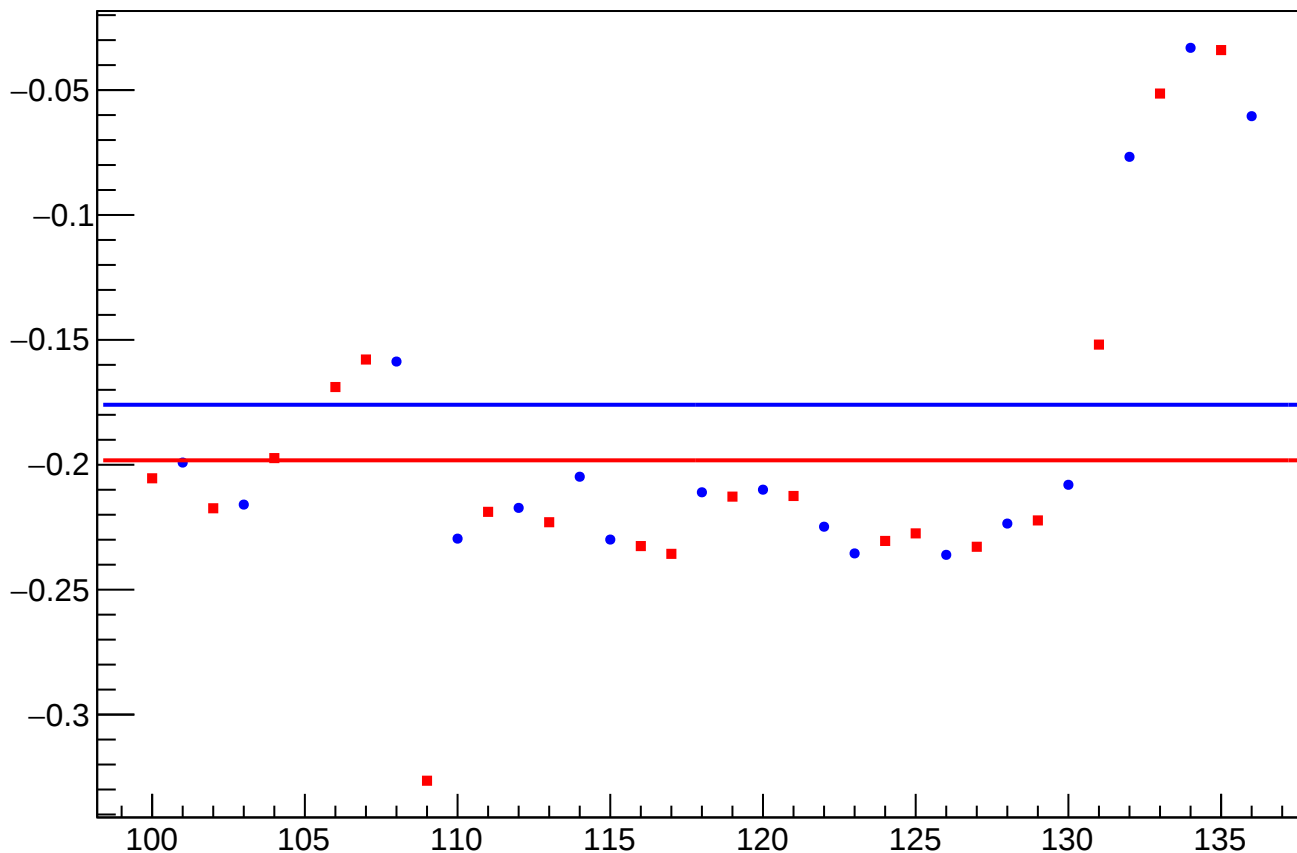
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 1398505.7/16

0.015+/-0.000 χ^2/NDF : 2596597.4/35

0.015+/-0.000 χ^2/NDF : 1164038.6/18

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.176+/-0.000 χ^2/NDF : 70121069.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.198+/-0.000 χ^2/NDF : 72858806.1/18

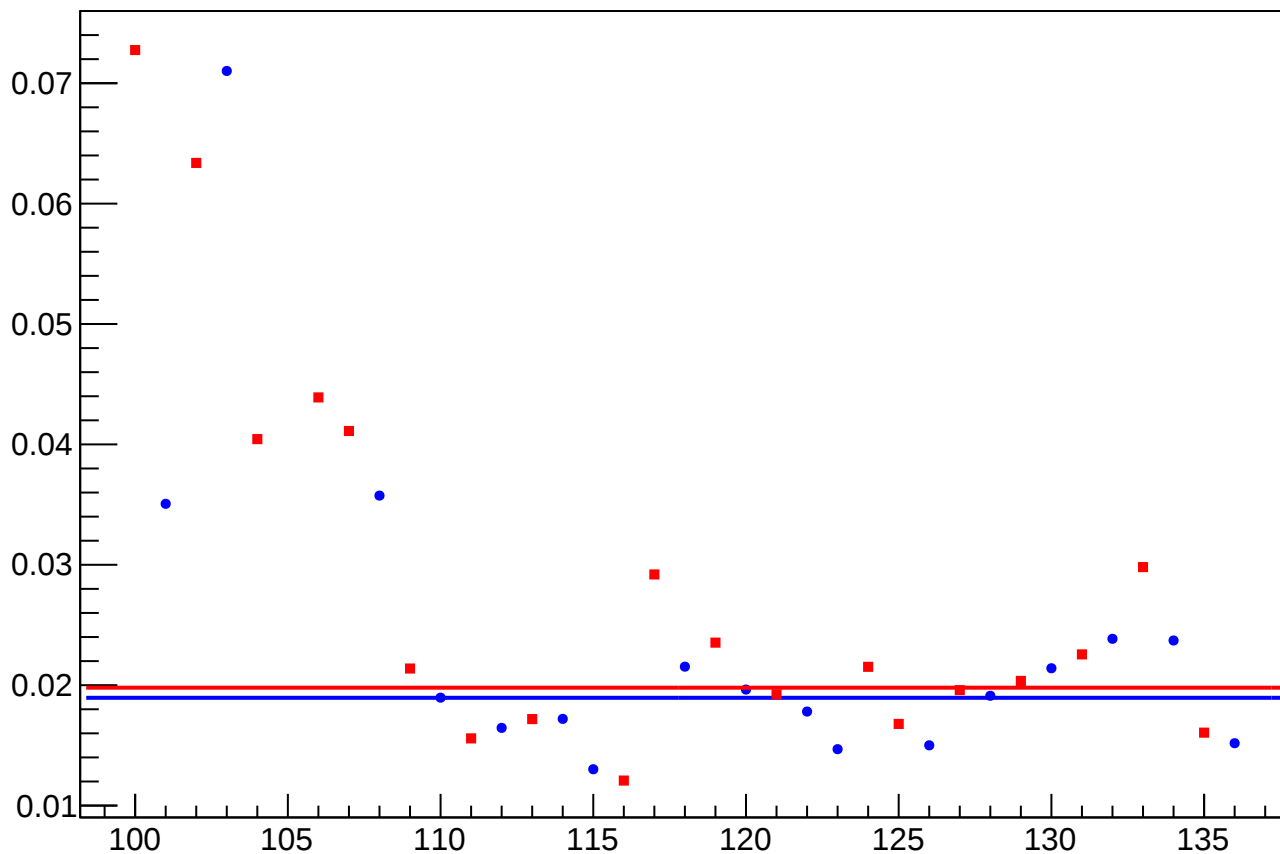
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.176+/-0.000 χ^2/NDF : 70121069.1/16

-0.187+/-0.000 χ^2/NDF : 146281867.3/35

-0.198+/-0.000 χ^2/NDF : 72858806.1/18

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 1203275.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.000 χ^2/NDF : 1447723.6/18

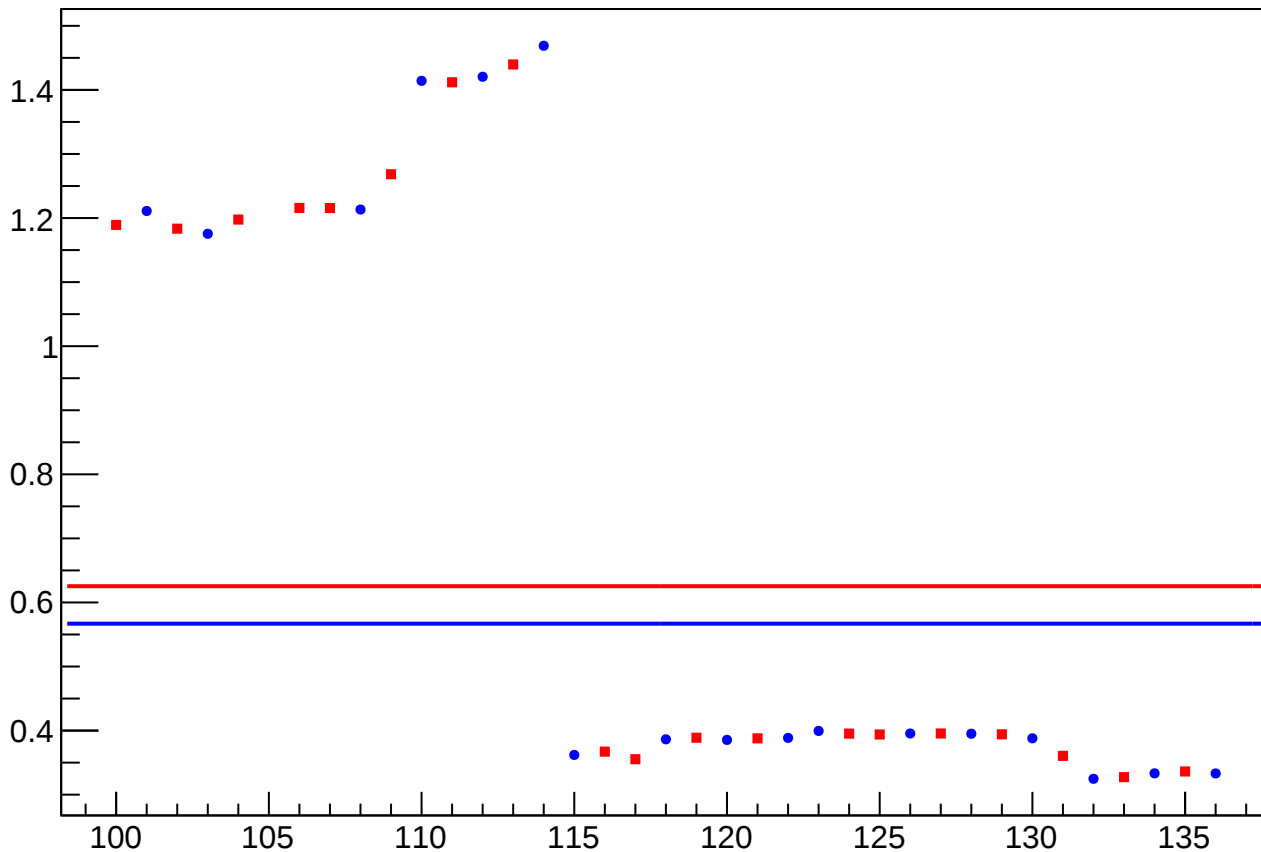
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.019+/-0.000 χ^2/NDF : 1203275.7/16

0.019+/-0.000 χ^2/NDF : 2660419.0/35

0.020+/-0.000 χ^2/NDF : 1447723.6/18

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.567+/-0.000 χ^2/NDF : 5016913731.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.625+/-0.000 χ^2/NDF : 5324530703.5/18

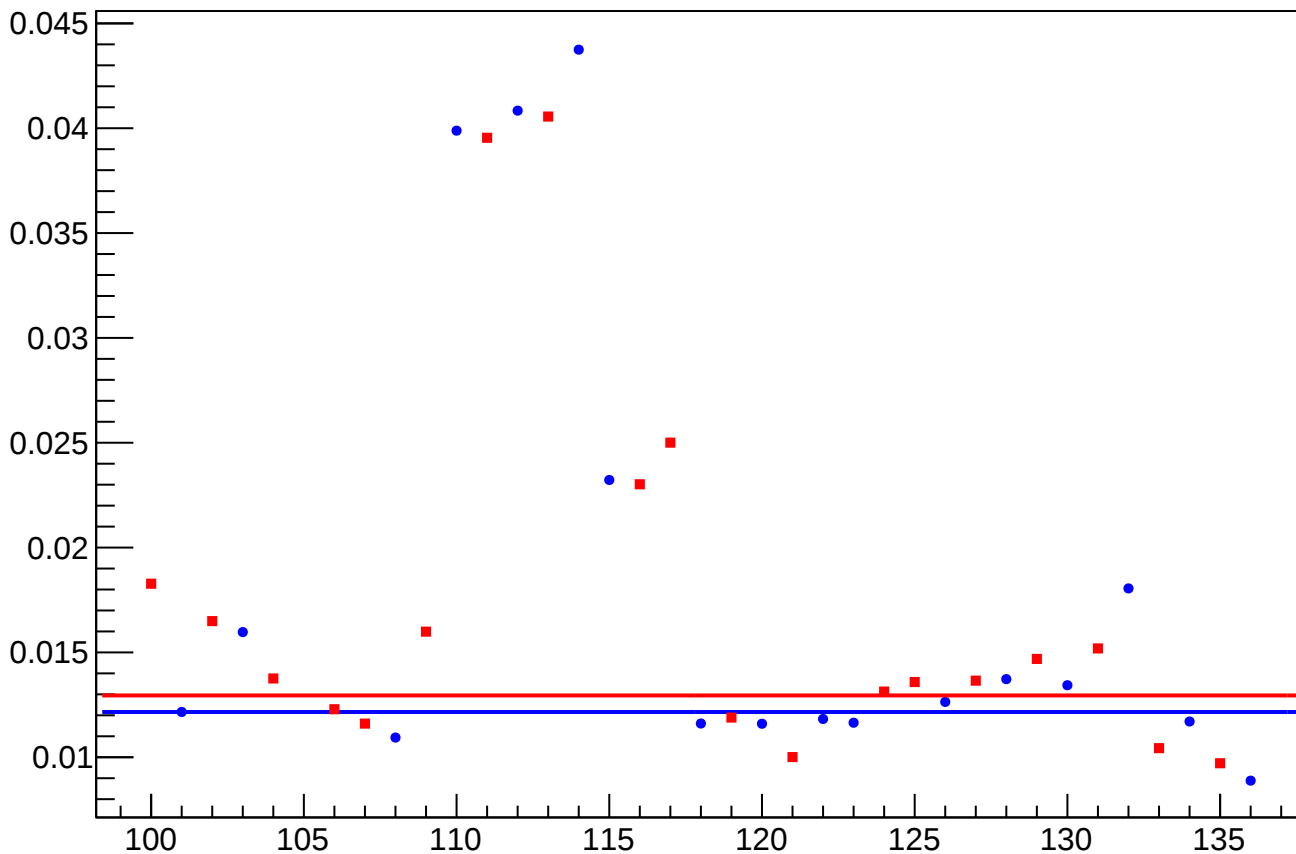
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.567+/-0.000 χ^2/NDF : 5016913731.3/16

0.595+/-0.000 χ^2/NDF : 10403147130.3/3

0.625+/-0.000 χ^2/NDF : 5324530703.5/18

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 1307948.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 1213076.6/18

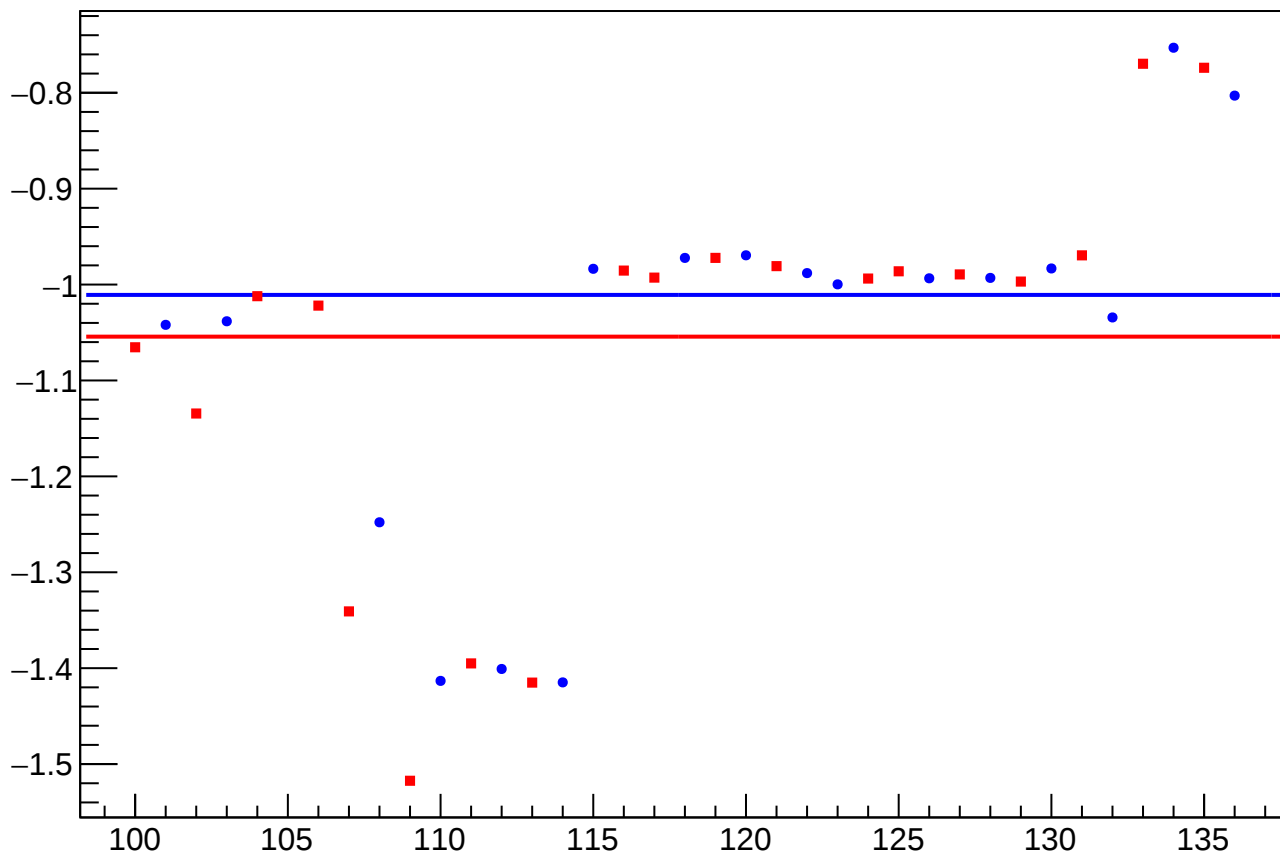
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 1307948.2/16

0.013+/-0.000 χ^2/NDF : 2543514.0/35

0.013+/-0.000 χ^2/NDF : 1213076.6/18

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.011+/-0.000 χ^2/NDF : 387140230.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.054+/-0.000 χ^2/NDF : 500141207.6/18

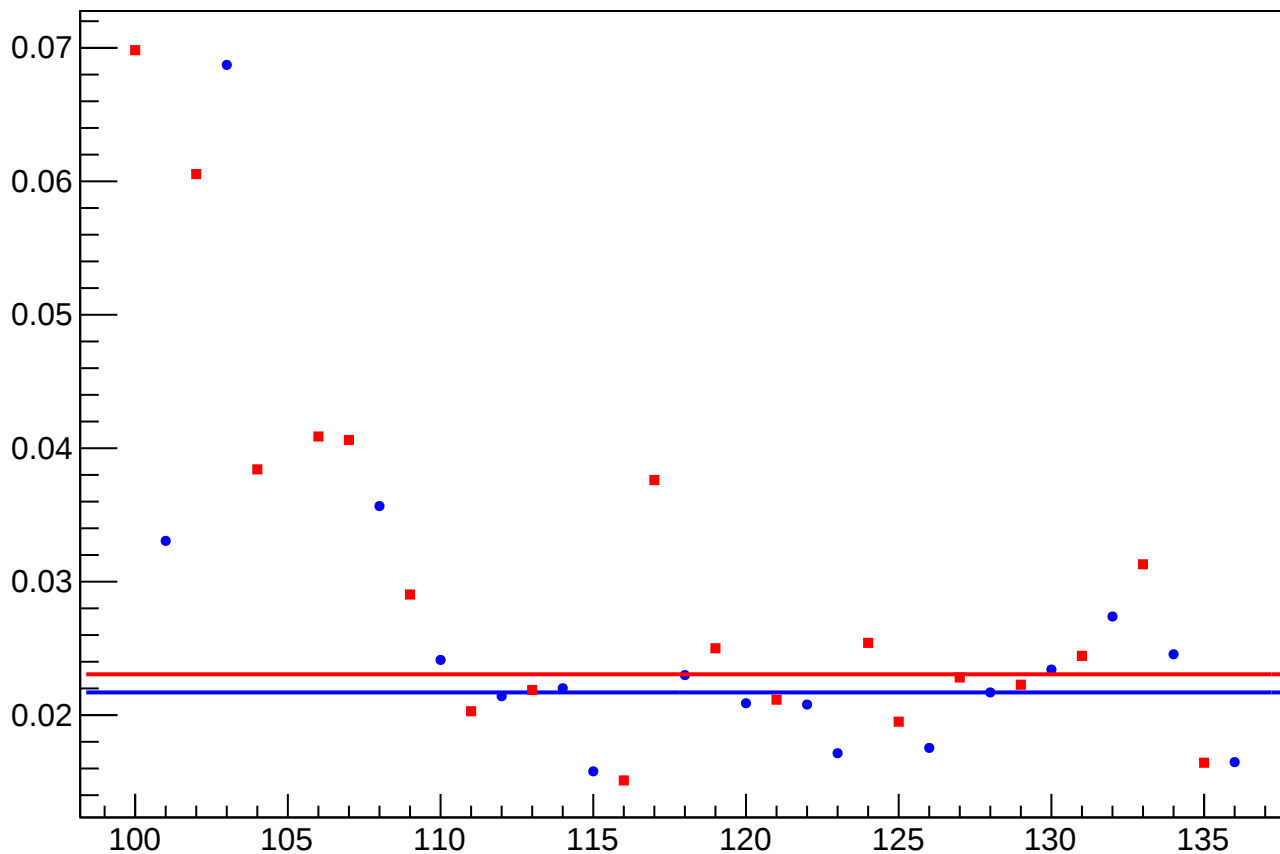
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.011+/-0.000 χ^2/NDF : 387140230.3/16

-1.032+/-0.000 χ^2/NDF : 896956105.8/35

-1.054+/-0.000 χ^2/NDF : 500141207.6/18

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.022+/-0.000 χ^2/NDF : 979293.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.023+/-0.000 χ^2/NDF : 1135246.9/18

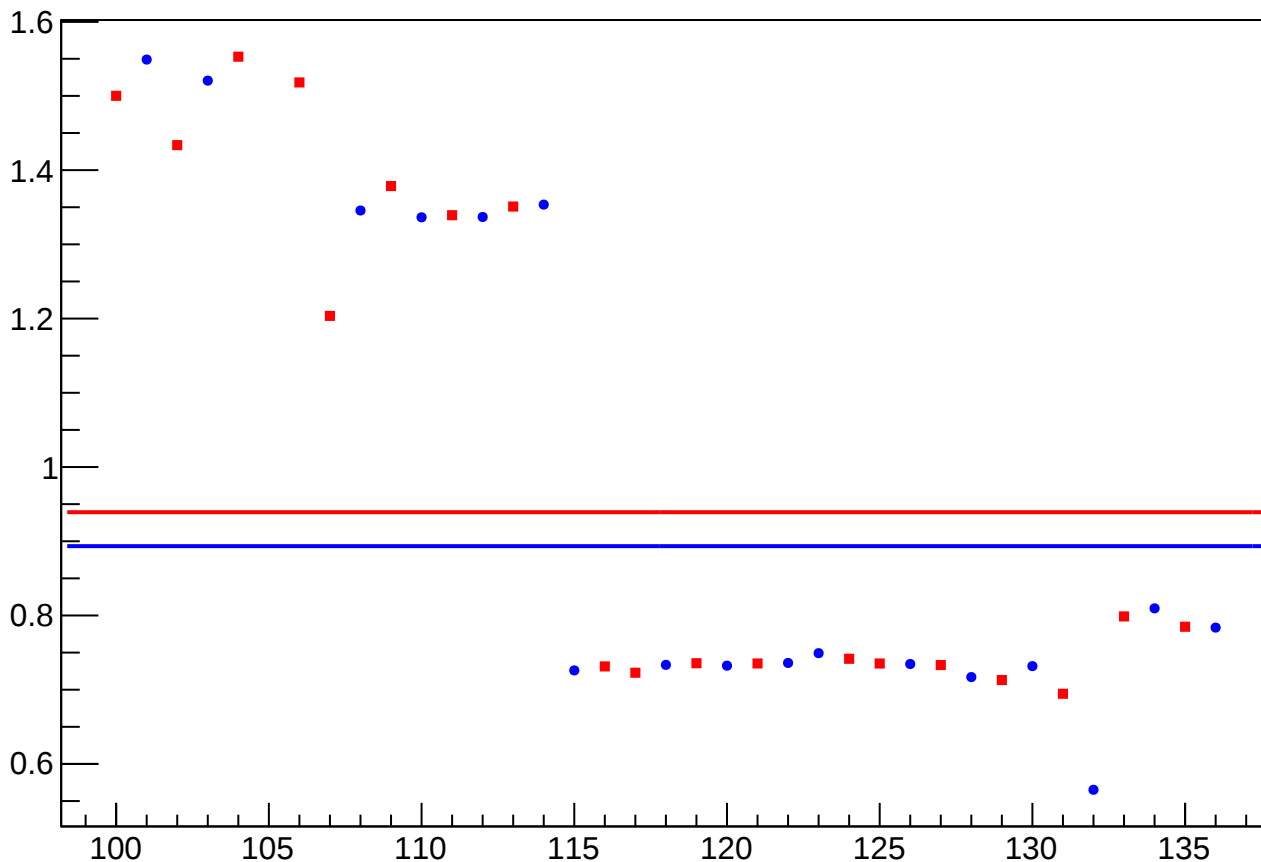
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.022+/-0.000 χ^2/NDF : 979293.5/16

0.022+/-0.000 χ^2/NDF : 2133431.2/35

0.023+/-0.000 χ^2/NDF : 1135246.9/18

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 0.893+/-0.000 χ^2/NDF : 2408017556.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.939+/-0.000 χ^2/NDF : 2394931153.5/18

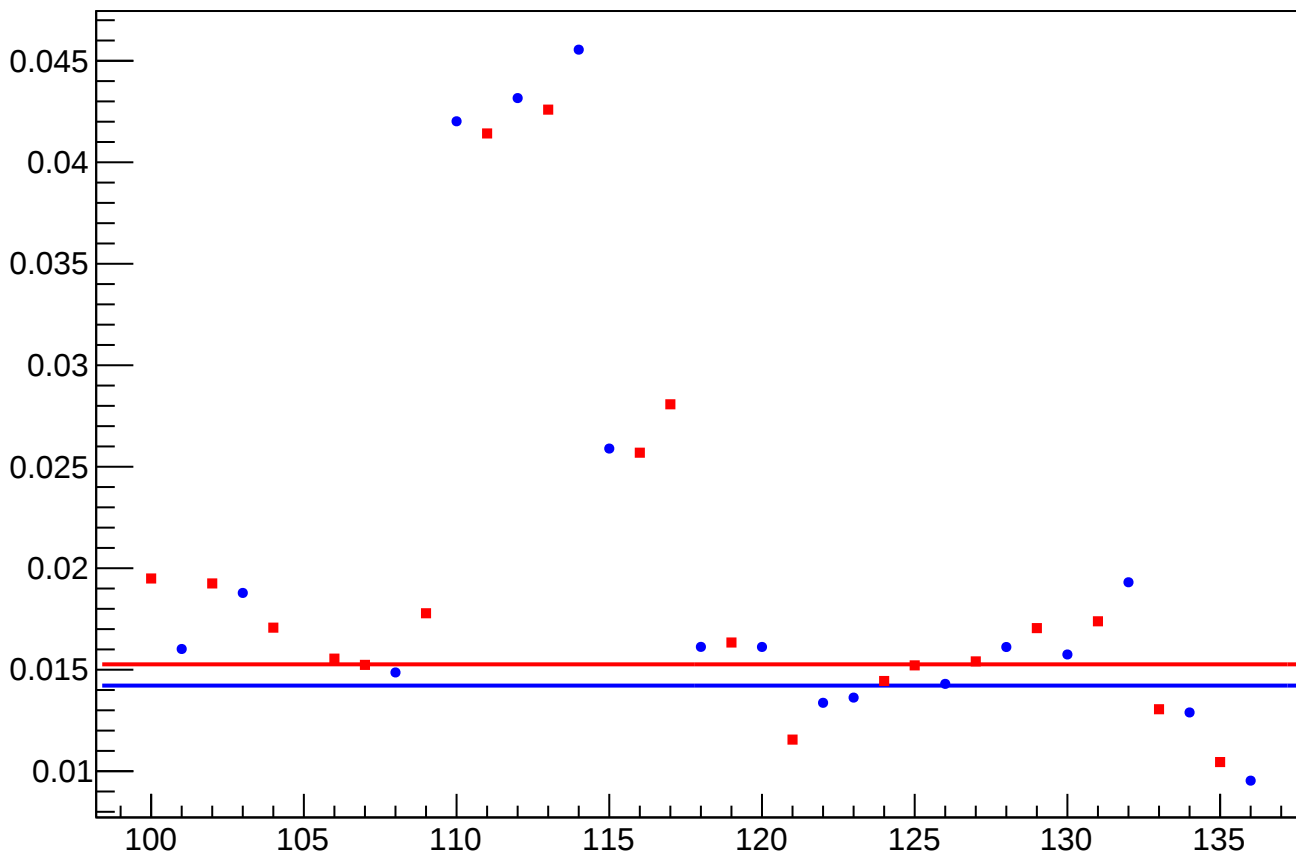
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.893+/-0.000 χ^2/NDF : 2408017556.1/16

0.915+/-0.000 χ^2/NDF : 4830556895.4/35

0.939+/-0.000 χ^2/NDF : 2394931153.5/18

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.000 χ^2 /NDF: 1409594.2/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.015 $\pm$ 0.000 χ^2 /NDF: 1168835.8/18

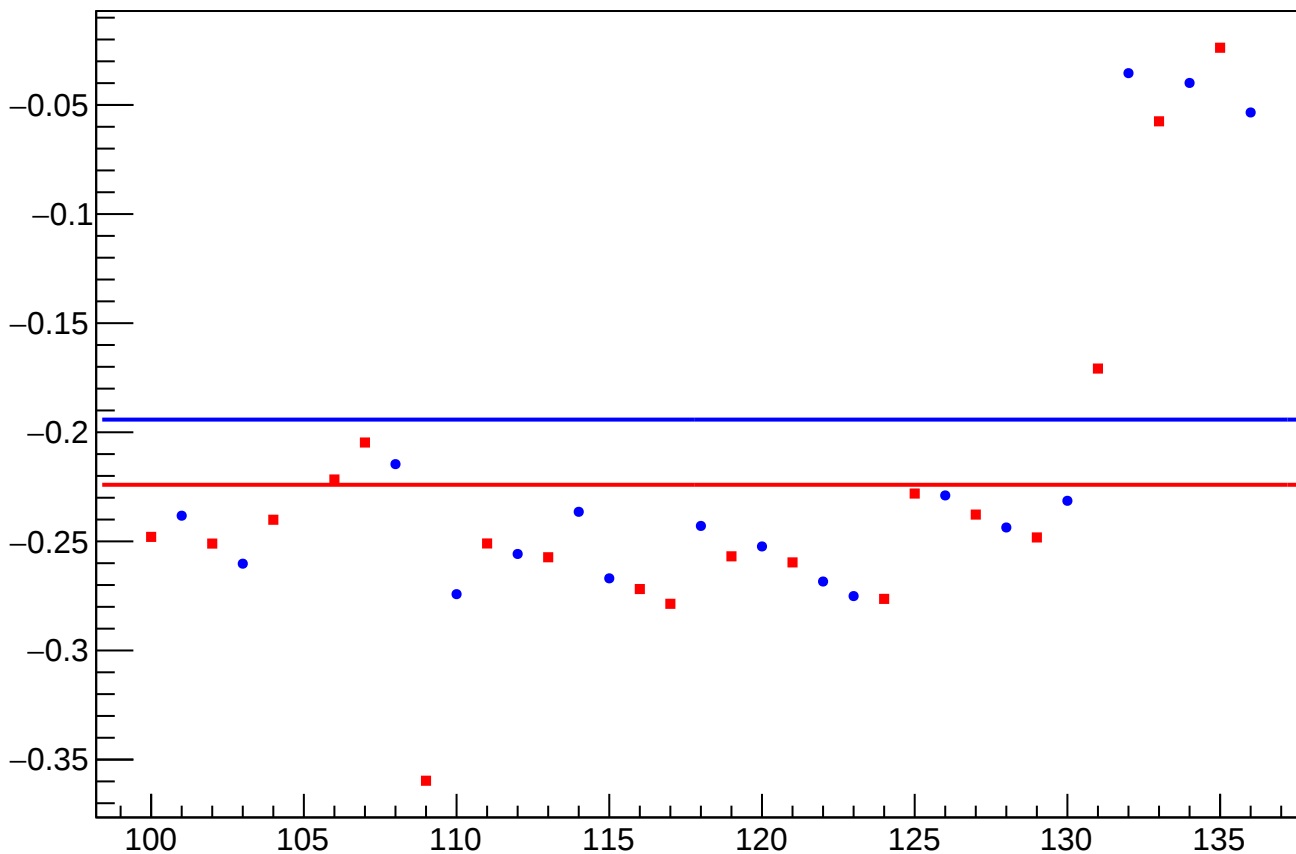
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.014 $\pm$ 0.000 χ^2 /NDF: 1409594.2/16

0.015 $\pm$ 0.000 χ^2 /NDF: 2607375.7/35

0.015 $\pm$ 0.000 χ^2 /NDF: 1168835.8/18

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.194+/-0.000 χ^2/NDF : 108425823.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.224+/-0.000 χ^2/NDF : 95193136.5/18

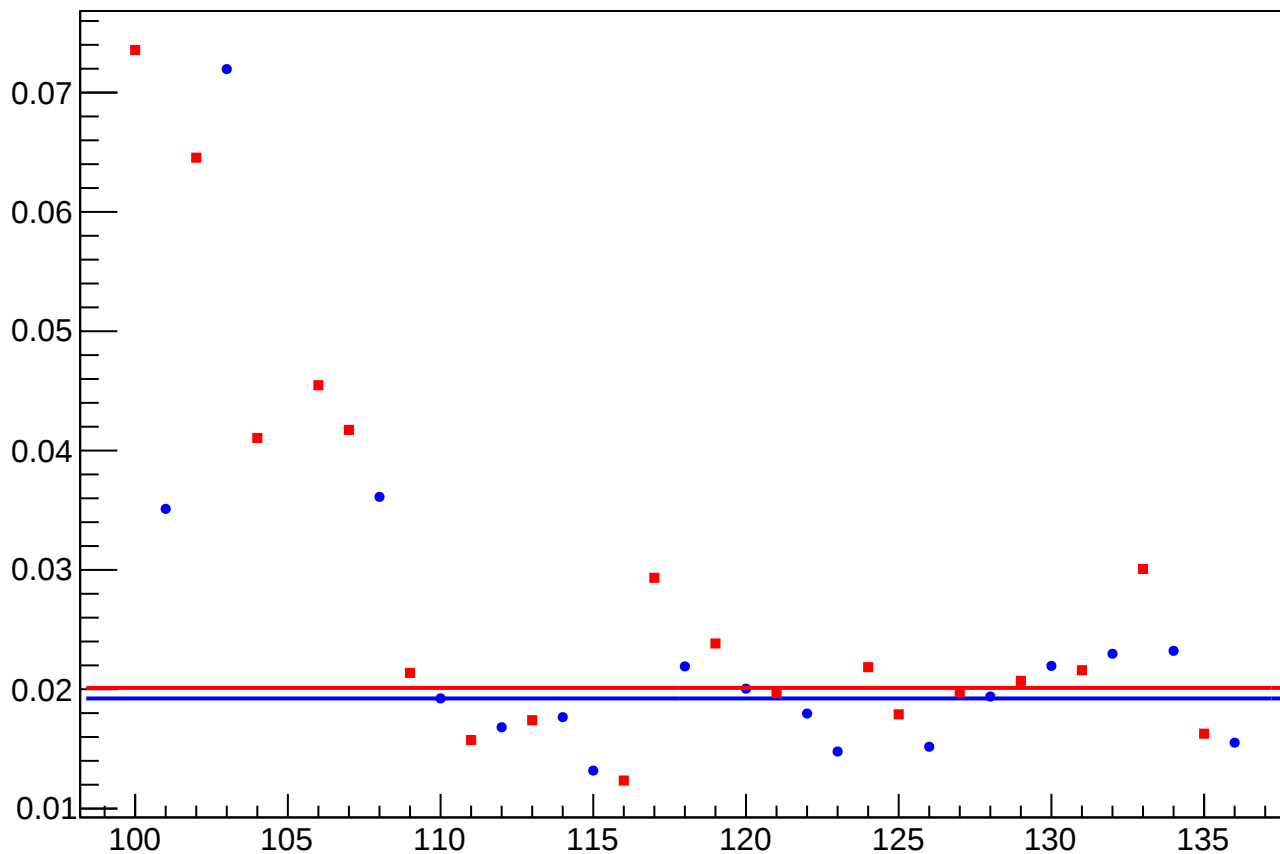
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.194+/-0.000 χ^2/NDF : 108425823.4/16

-0.209+/-0.000 χ^2/NDF : 209393385.4/35

-0.224+/-0.000 χ^2/NDF : 95193136.5/18

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 1174577.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.000 χ^2/NDF : 1433829.3/18

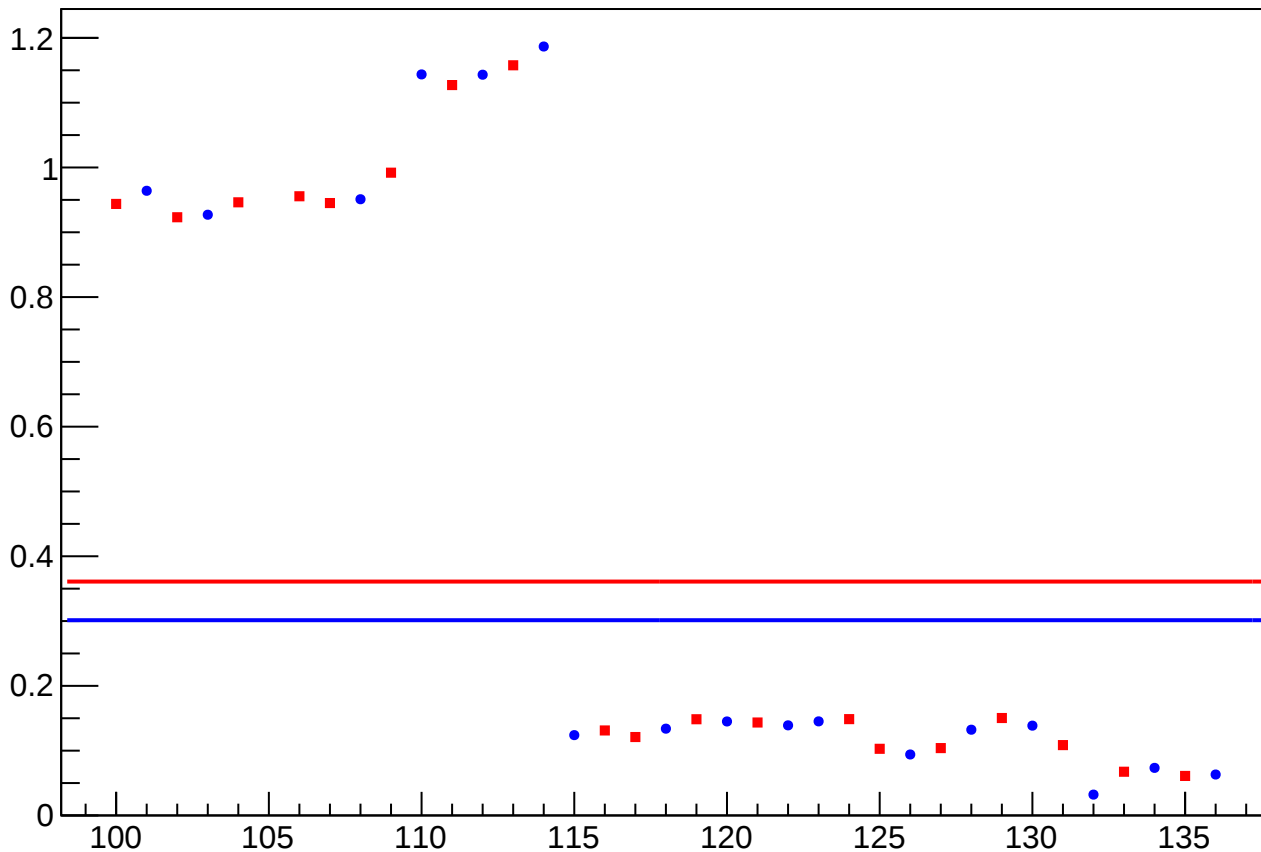
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.019+/-0.000 χ^2/NDF : 1174577.3/16

0.020+/-0.000 χ^2/NDF : 2618528.4/35

0.020+/-0.000 χ^2/NDF : 1433829.3/18

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.301+/-0.000 χ^2/NDF : 5154791073.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.361+/-0.000 χ^2/NDF : 5246228414.4/18

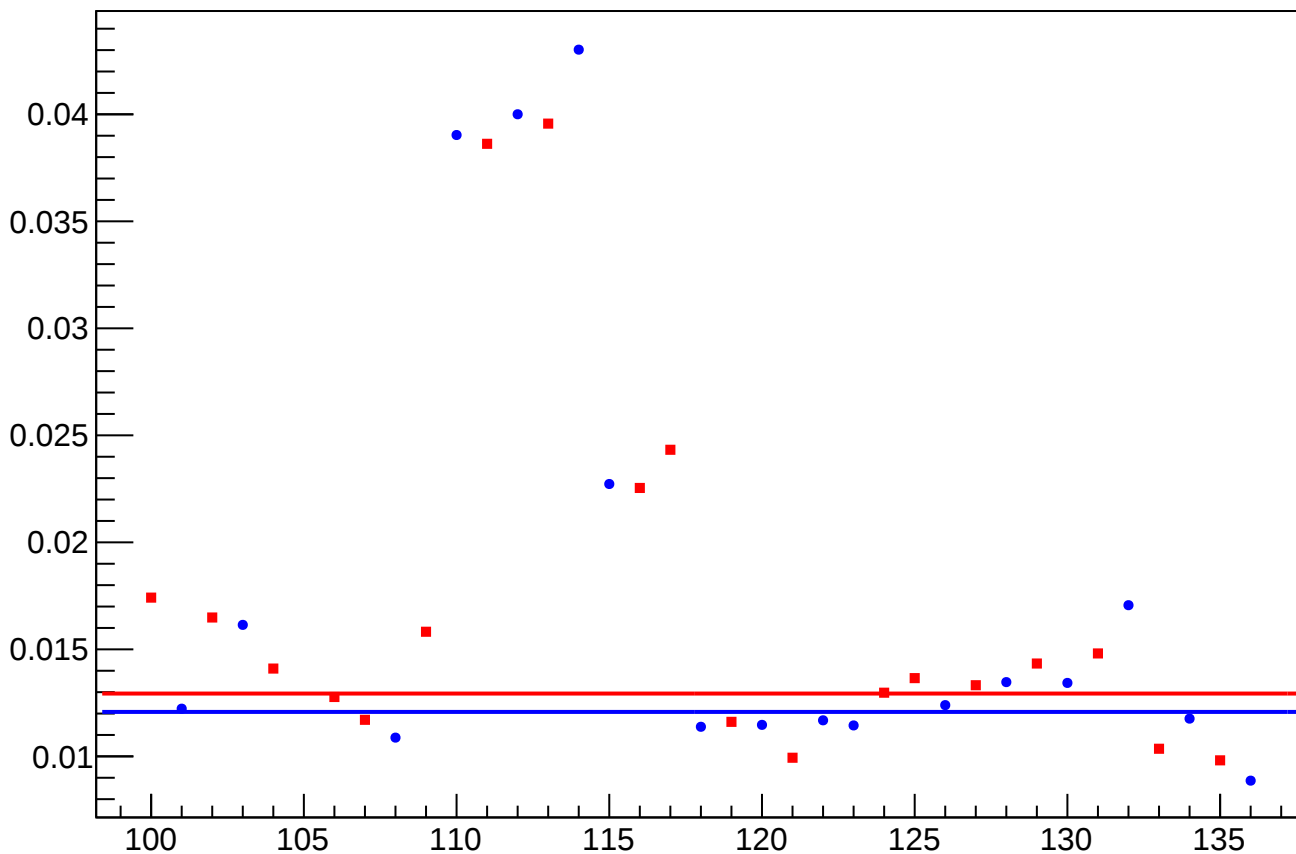
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.301+/-0.000 χ^2/NDF : 5154791073.8/16

0.330+/-0.000 χ^2/NDF : 10465702561.9/3

0.361+/-0.000 χ^2/NDF : 5246228414.4/18

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 1280342.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 1175904.9/18

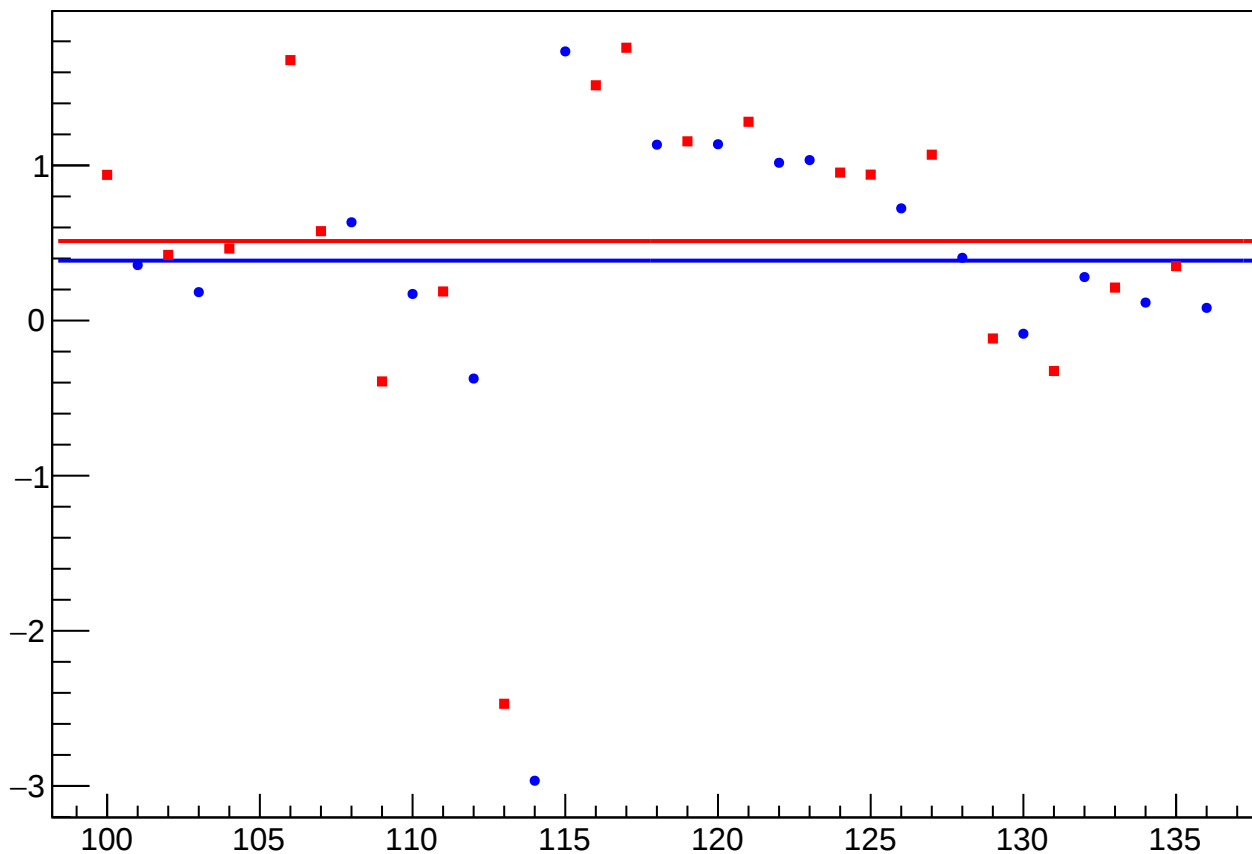
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 1280342.2/16

0.012+/-0.000 χ^2/NDF : 2483037.2/35

0.013+/-0.000 χ^2/NDF : 1175904.9/18

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.386+/-0.000 χ^2/NDF : 246380221.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.513+/-0.000 χ^2/NDF : 993423203.7/18

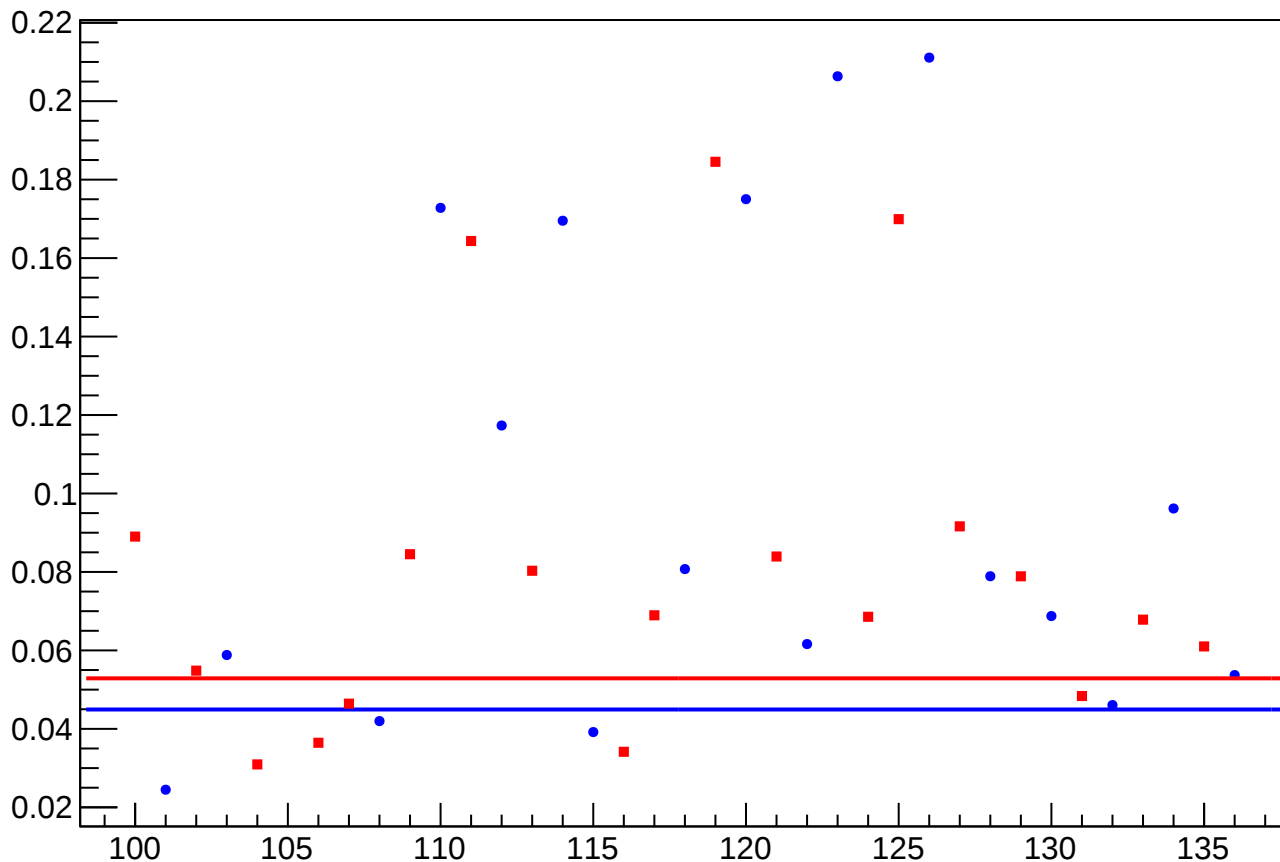
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.386+/-0.000 χ^2/NDF : 246380221.7/16

0.444+/-0.000 χ^2/NDF : 1252494907.2/35

0.513+/-0.000 χ^2/NDF : 993423203.7/18

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.045+/-0.000 χ^2/NDF : 2788348.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.053+/-0.000 χ^2/NDF : 2192914.8/18

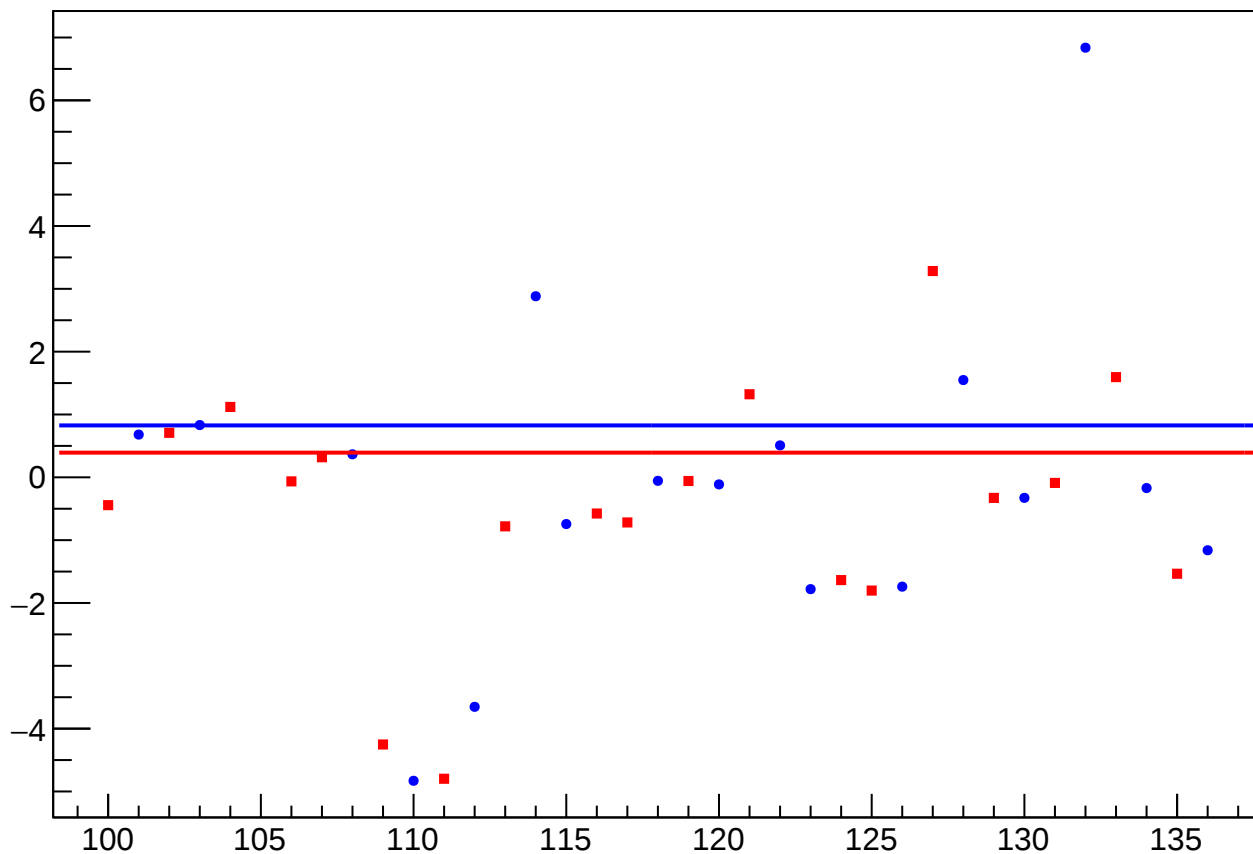
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.045+/-0.000 χ^2/NDF : 2788348.6/16

0.049+/-0.000 χ^2/NDF : 5081388.8/35

0.053+/-0.000 χ^2/NDF : 2192914.8/18

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.826+/-0.000 χ^2/NDF : 10945455664.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.393+/-0.000 χ^2/NDF : 4834226418.1/18

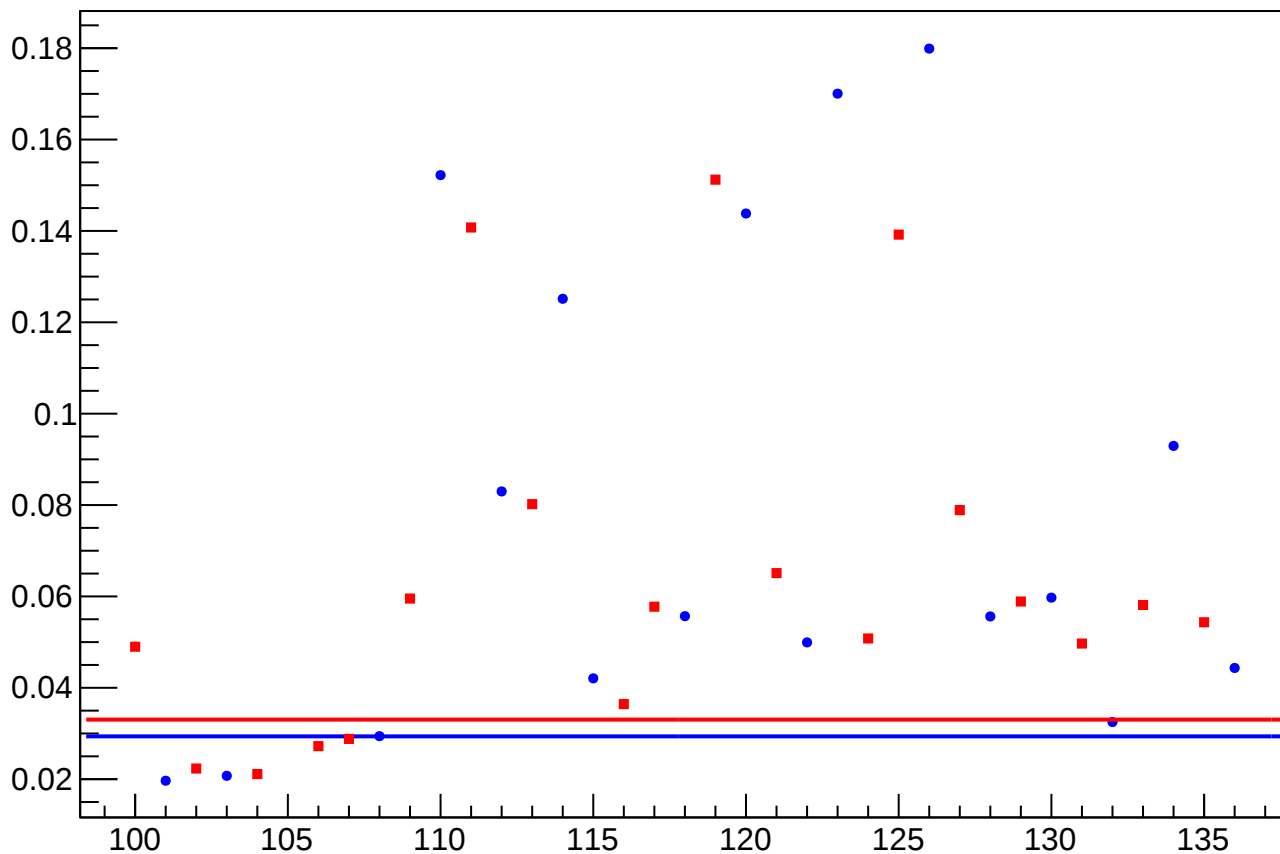
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.826+/-0.000 χ^2/NDF : 10945455664.9/16

0.623+/-0.000 χ^2/NDF : 16125548095.8/3

0.393+/-0.000 χ^2/NDF : 4834226418.1/18

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.029+/-0.000 χ^2/NDF : 2987169.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.033+/-0.000 χ^2/NDF : 3091638.2/18

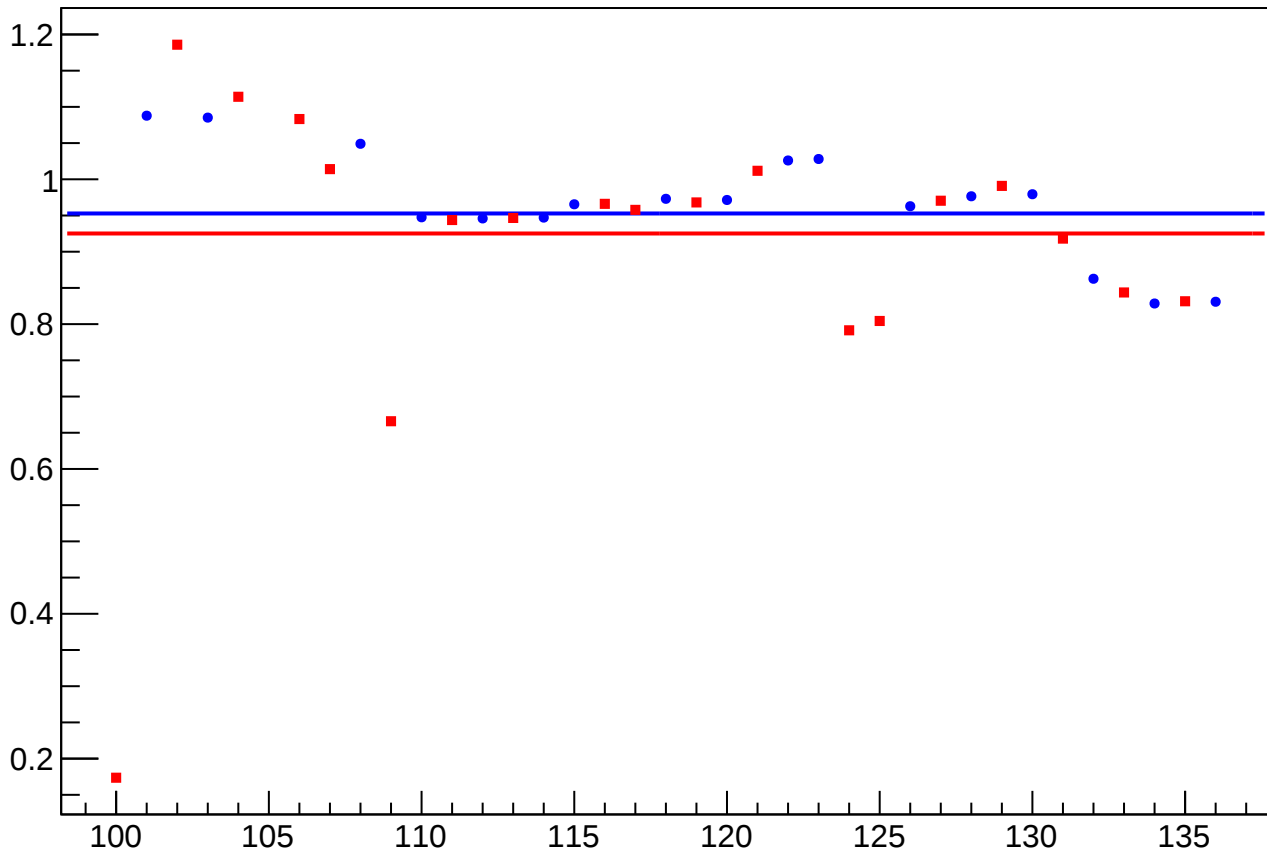
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.029+/-0.000 χ^2/NDF : 2987169.5/16

0.031+/-0.000 χ^2/NDF : 6128413.0/35

0.033+/-0.000 χ^2/NDF : 3091638.2/18

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.953+/-0.000 χ^2/NDF : 175750243.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.925+/-0.000 χ^2/NDF : 363954057.6/18

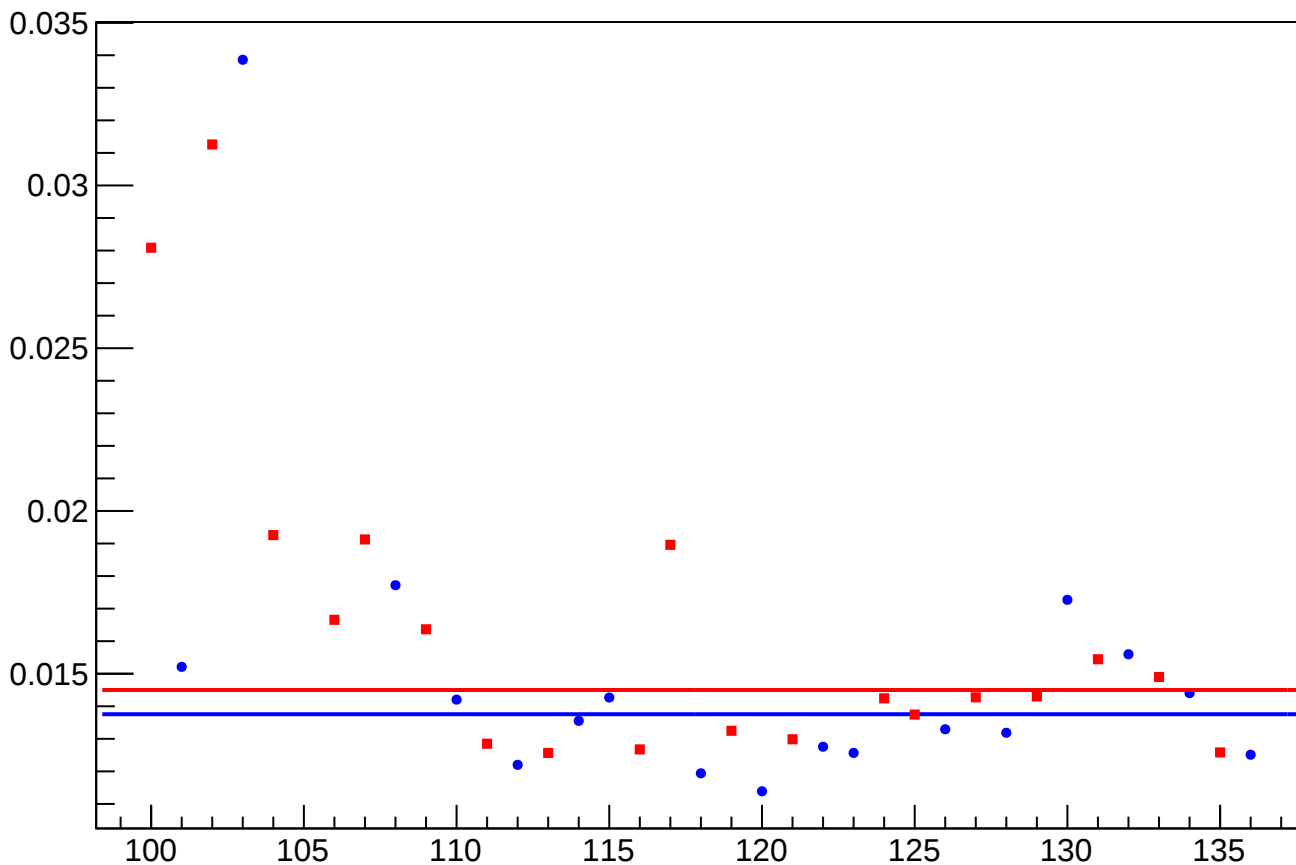
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.953+/-0.000 χ^2/NDF : 175750243.6/16

0.939+/-0.000 χ^2/NDF : 550894648.5/35

0.925+/-0.000 χ^2/NDF : 363954057.6/18

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 538469.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 496957.5/18

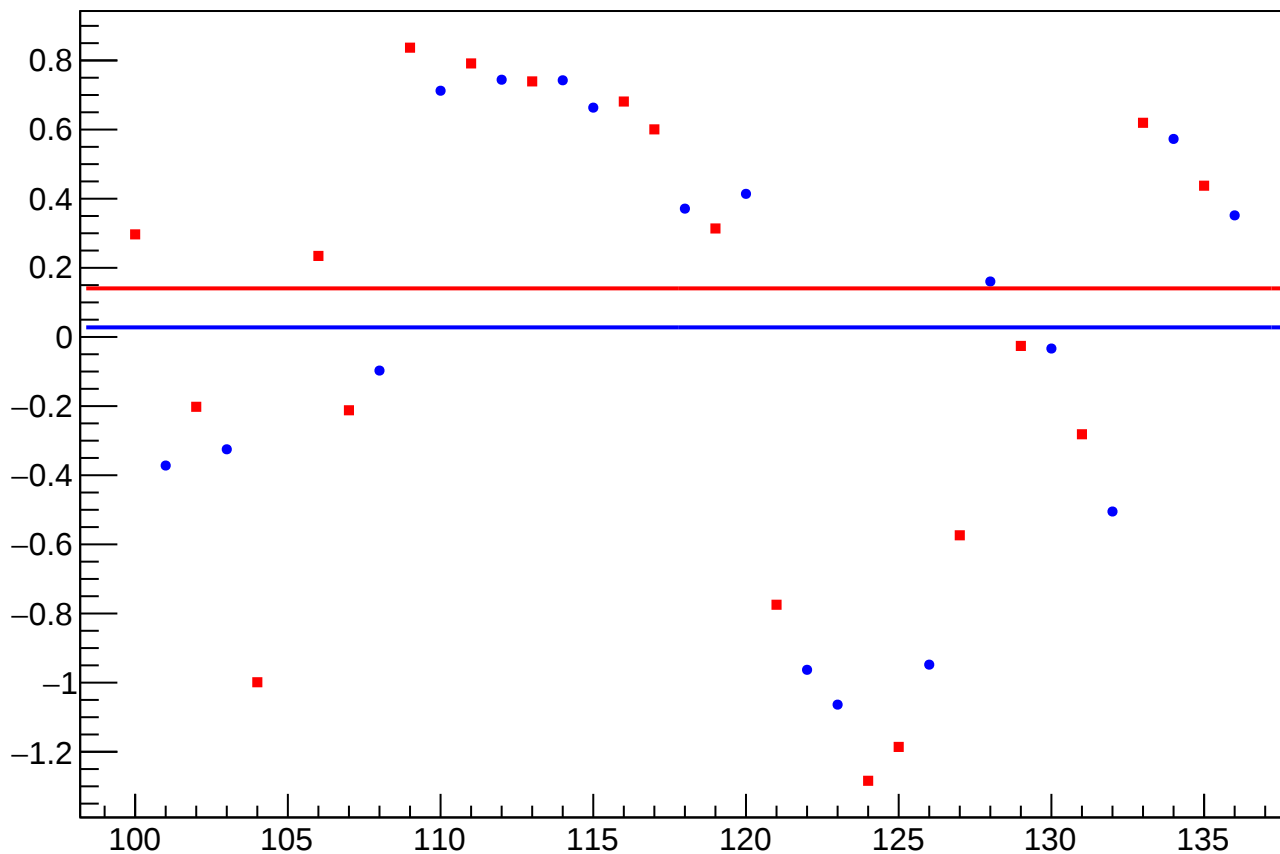
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 538469.4/16

0.014+/-0.000 χ^2/NDF : 1051647.2/35

0.014+/-0.000 χ^2/NDF : 496957.5/18

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: 0.028 $\pm$ 0.000 χ^2 /NDF: 6276955529.7/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.141 $\pm$ 0.000 χ^2 /NDF: 12606965284.5/18

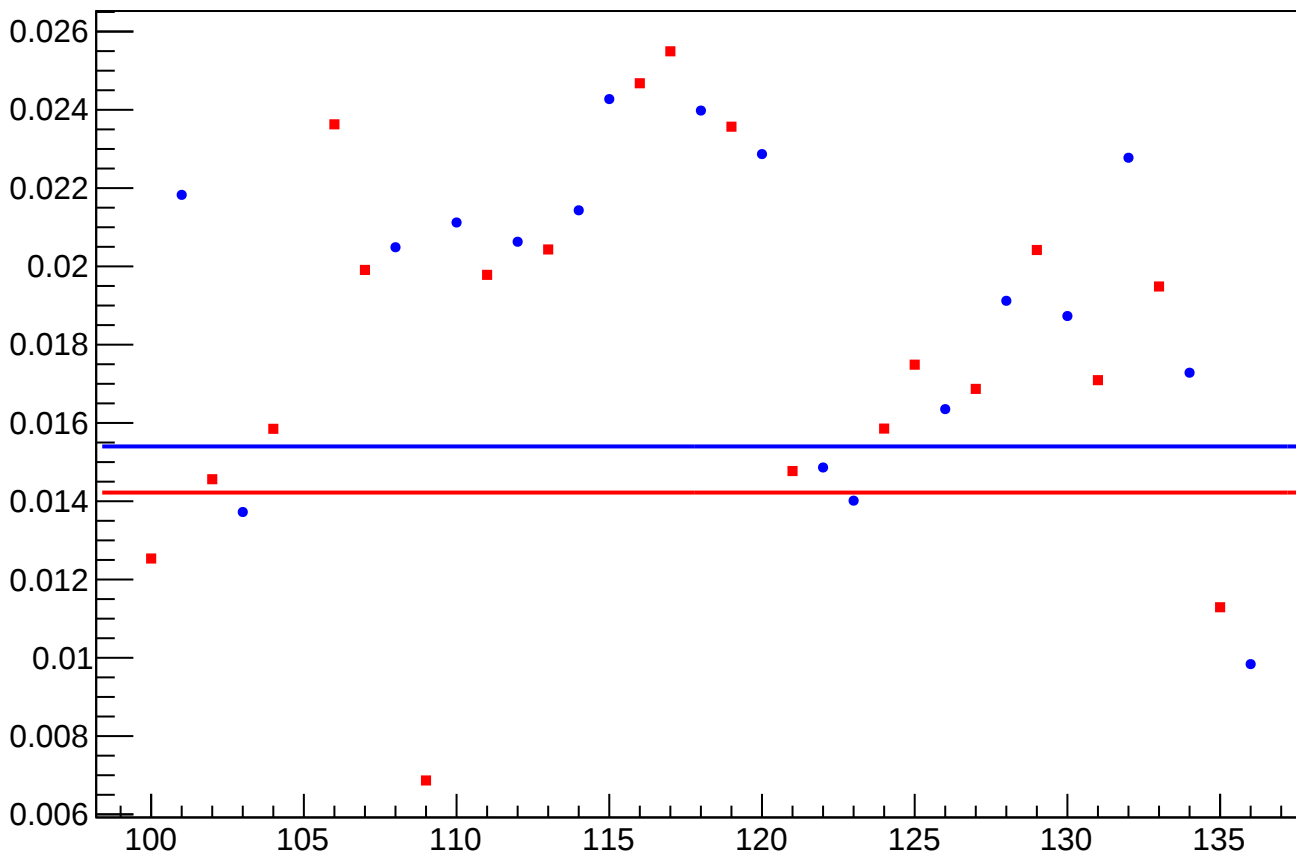
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.028 $\pm$ 0.000 χ^2 /NDF: 6276955529.7/16

0.088 $\pm$ 0.000 χ^2 /NDF: 19044268128.6/3

0.141 $\pm$ 0.000 χ^2 /NDF: 12606965284.5/18

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 1141655.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1536418.3/18

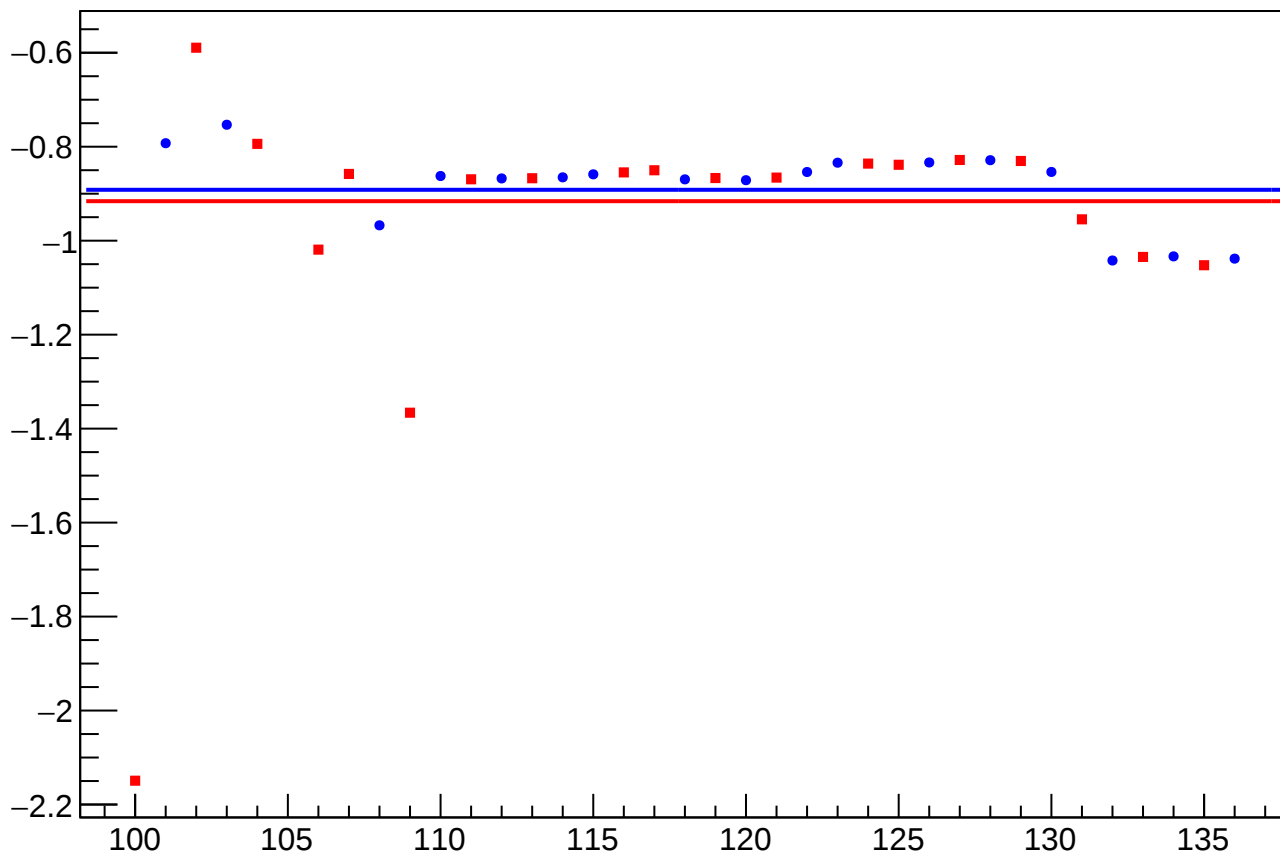
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 1141655.8/16

0.015+/-0.000 χ^2/NDF : 2713074.3/35

0.014+/-0.000 χ^2/NDF : 1536418.3/18

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.892+/-0.000 χ^2 /NDF: 39793337.2/16

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.916+/-0.000 χ^2 /NDF: 128336159.1/18

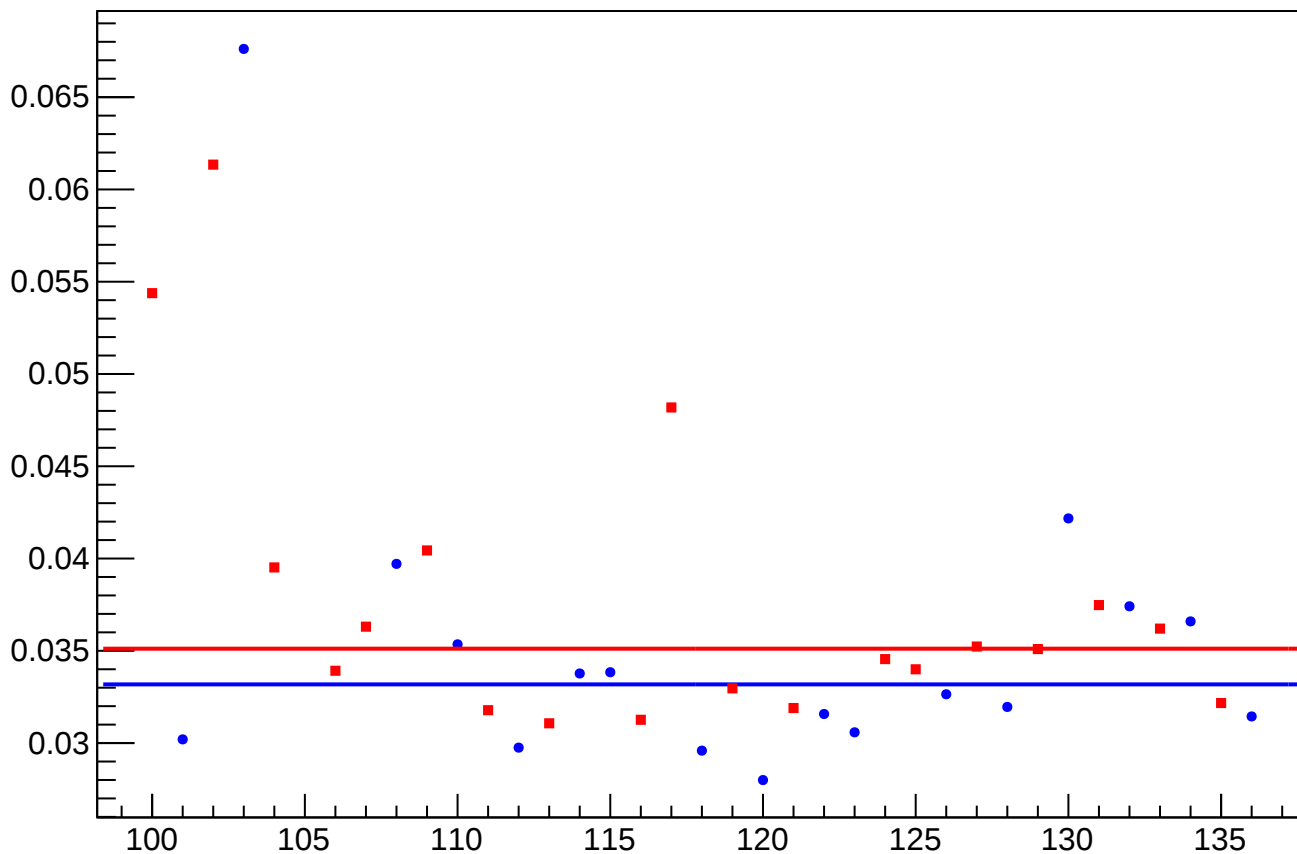
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.892+/-0.000 χ^2 /NDF: 39793337.2/16

-0.903+/-0.000 χ^2 /NDF: 169619280.8/35

-0.916+/-0.000 χ^2 /NDF: 128336159.1/18

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.033+/-0.000 χ^2/NDF : 400106.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.035+/-0.000 χ^2/NDF : 273069.6/18

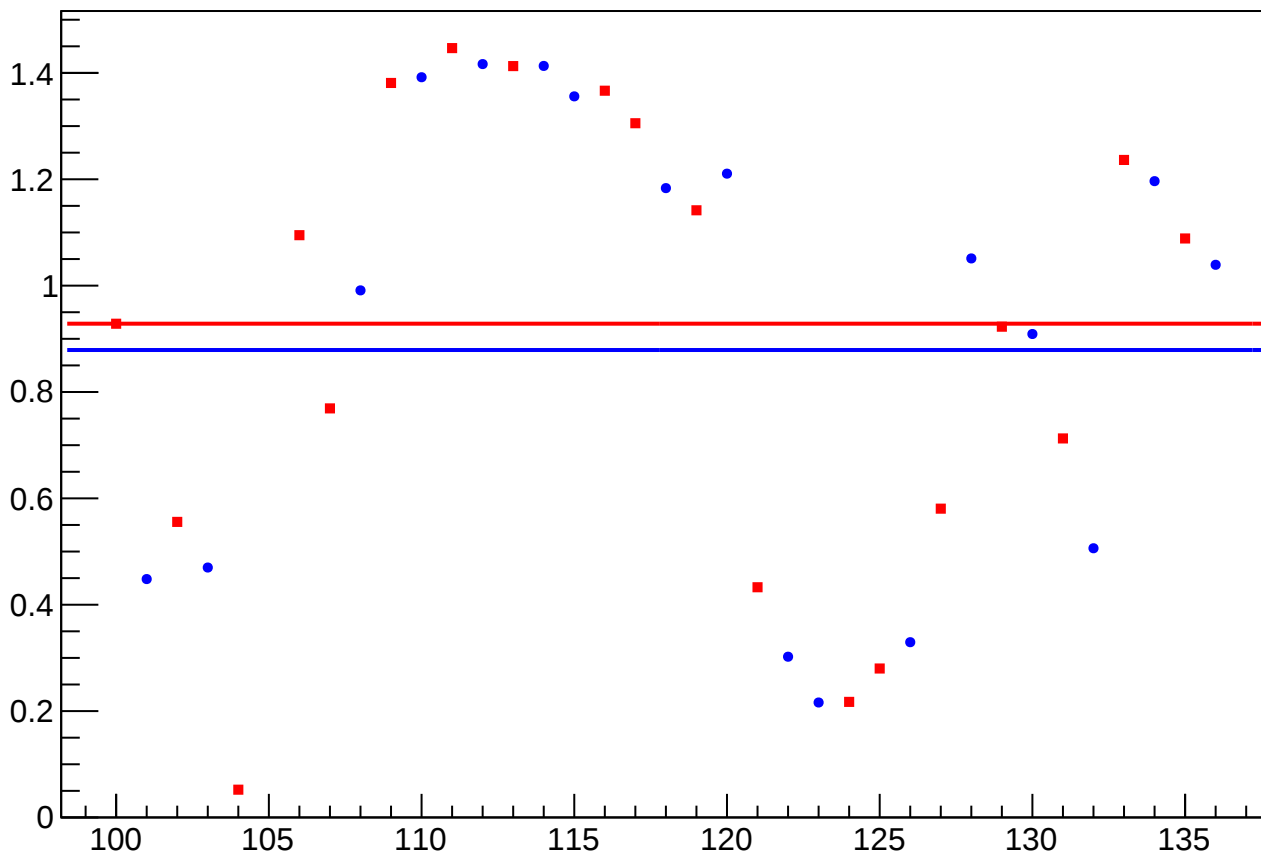
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.033+/-0.000 χ^2/NDF : 400106.0/16

0.034+/-0.000 χ^2/NDF : 692157.7/35

0.035+/-0.000 χ^2/NDF : 273069.6/18

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.879+/-0.000 χ^2/NDF : 6371602566.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.928+/-0.000 χ^2/NDF : 9808474606.7/18

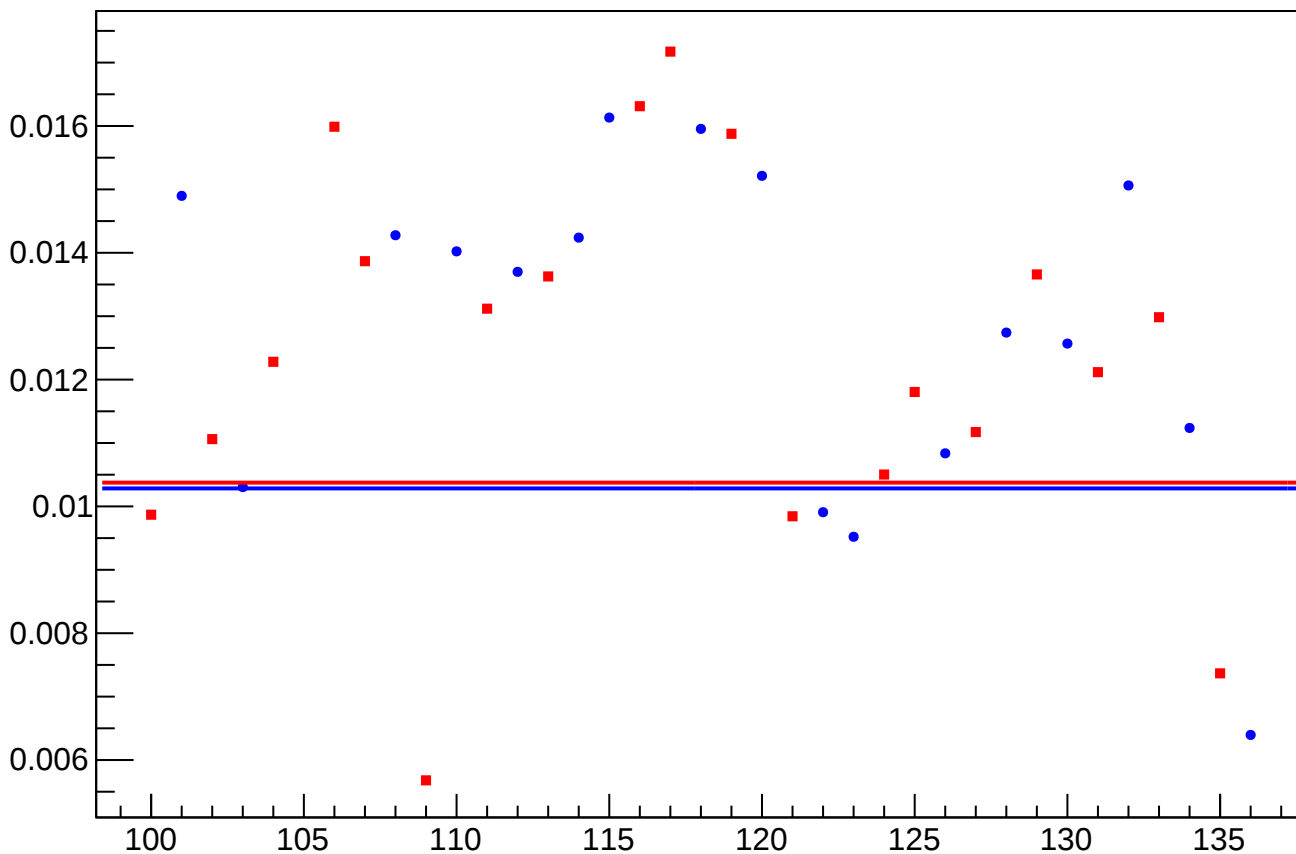
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.879+/-0.000 χ^2/NDF : 6371602566.2/16

0.904+/-0.000 χ^2/NDF : 16244900454.0/3

0.928+/-0.000 χ^2/NDF : 9808474606.7/18

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 1207460.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 1099734.0/18

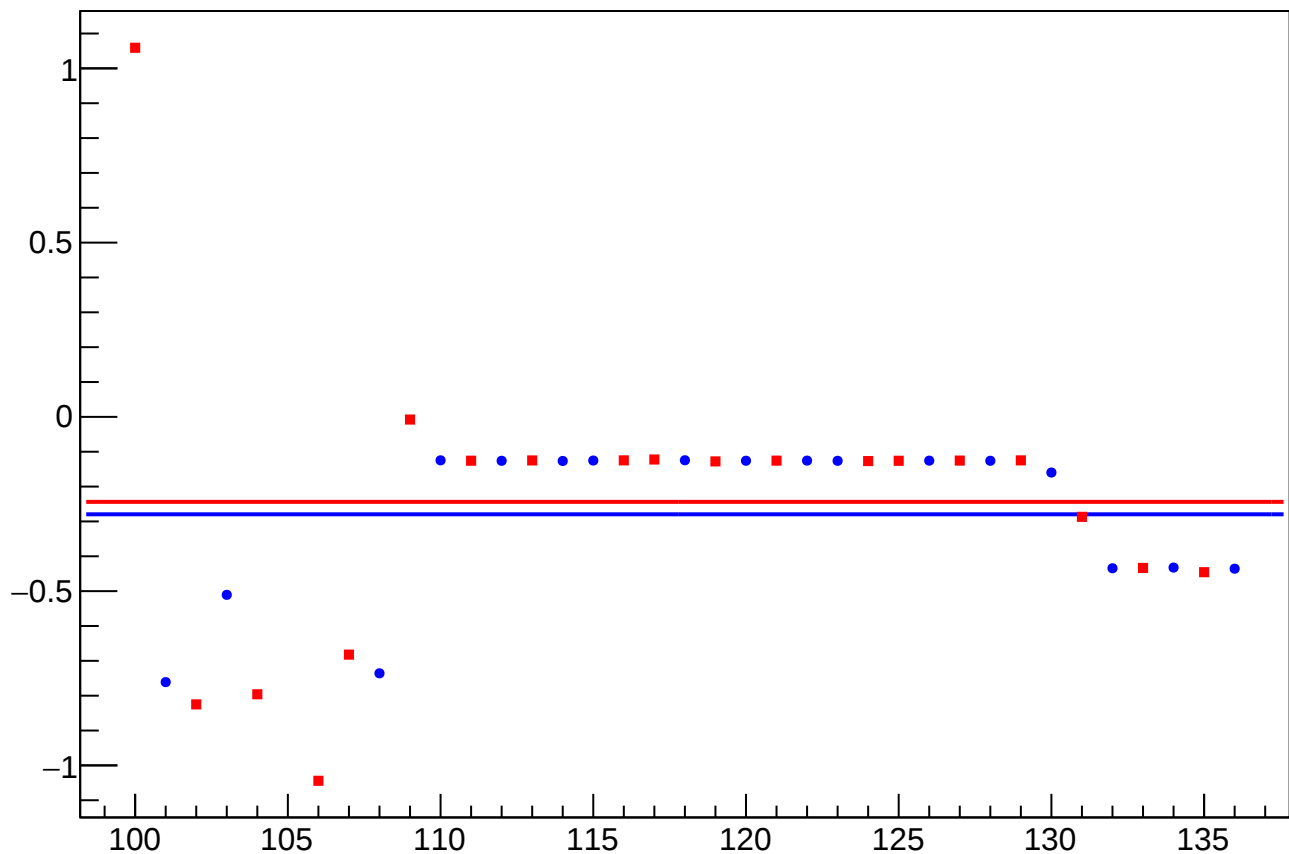
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 1207460.1/16

0.010+/-0.000 χ^2/NDF : 2307632.8/35

0.010+/-0.000 χ^2/NDF : 1099734.0/18

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.280+/-0.000 χ^2/NDF : 929210245.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.244+/-0.000 χ^2/NDF : 912161667.9/18

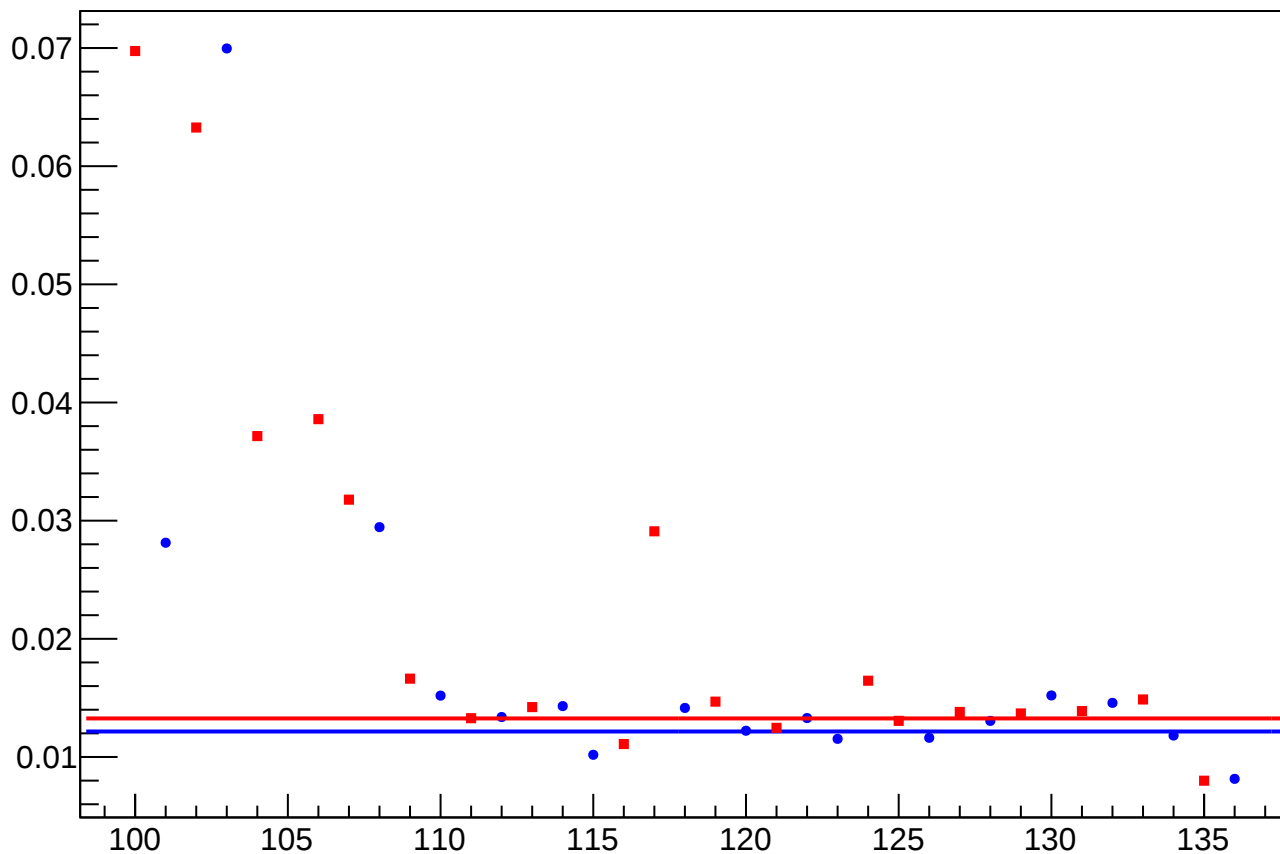
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.280+/-0.000 χ^2/NDF : 929210245.5/16

-0.263+/-0.000 χ^2/NDF : 1859954947.7/3

-0.244+/-0.000 χ^2/NDF : 912161667.9/18

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 1722777.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 1840970.6/18

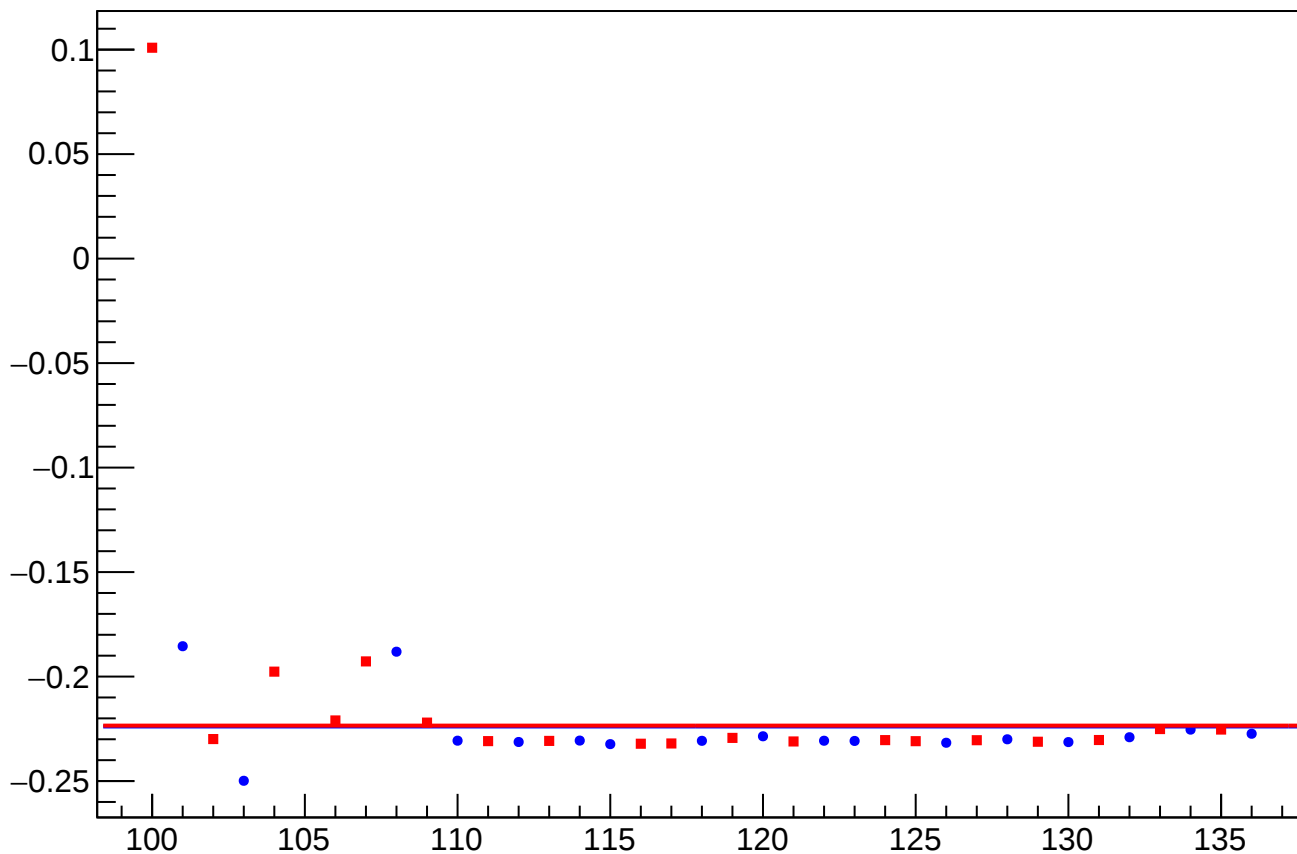
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 1722777.4/16

0.013+/-0.000 χ^2/NDF : 3599338.4/35

0.013+/-0.000 χ^2/NDF : 1840970.6/18

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.224+/-0.000 χ^2/NDF : 74600073.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.223+/-0.000 χ^2/NDF : 168121408.2/18

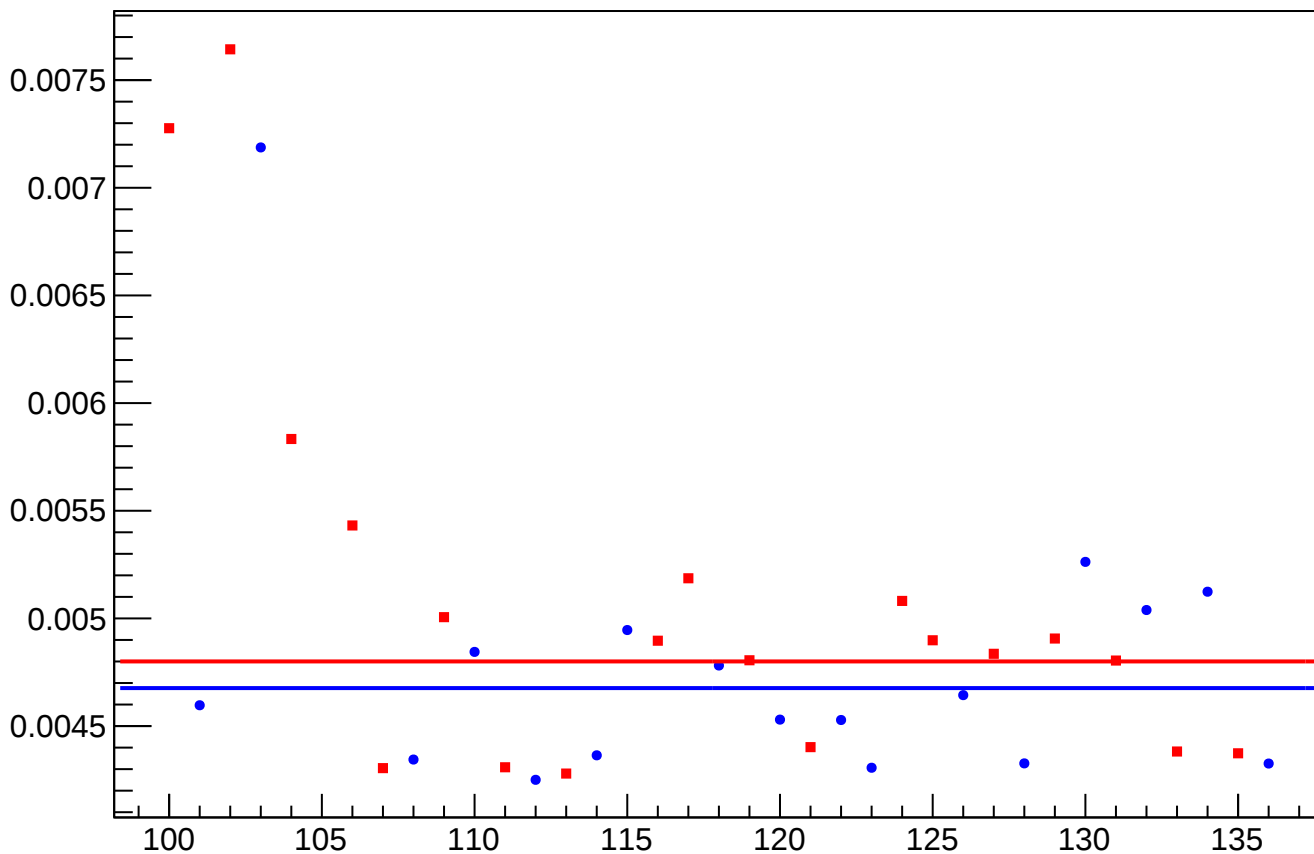
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.224+/-0.000 χ^2/NDF : 74600073.9/16

-0.224+/-0.000 χ^2/NDF : 242744456.5/35

-0.223+/-0.000 χ^2/NDF : 168121408.2/18

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 180780.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 245514.9/18

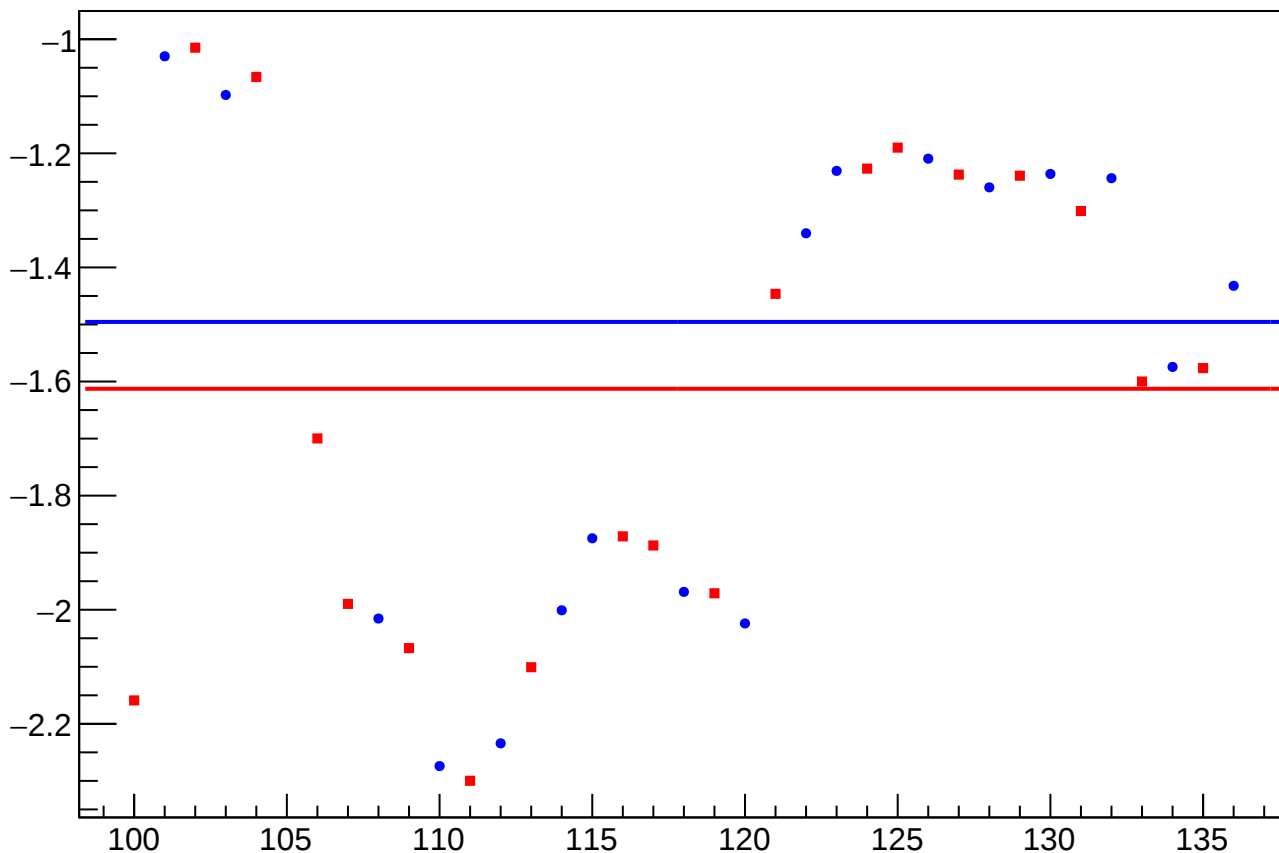
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 180780.8/16

0.005+/-0.000 χ^2/NDF : 430469.4/35

0.005+/-0.000 χ^2/NDF : 245514.9/18

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.496+/-0.000 χ^2/NDF : 22506050663.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.496+/-0.000 χ^2/NDF : 22506050663.3/16

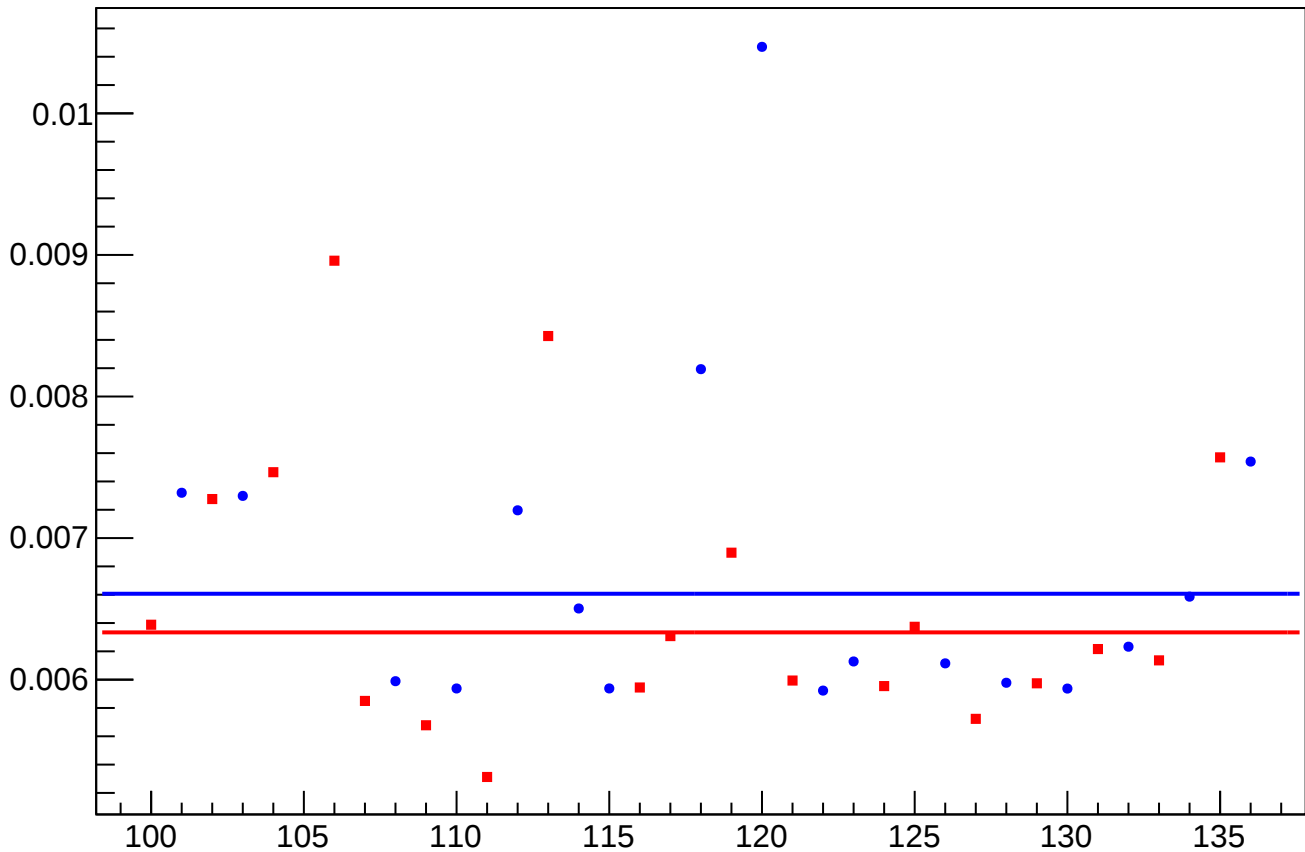
-1.558+/-0.000 χ^2/NDF : 51405339807.0/0

Right Out: -1.613+/-0.000 χ^2/NDF : 27876780075.1/18

-1.613+/-0.000 χ^2/NDF : 27876780075.1/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 221405.1/18

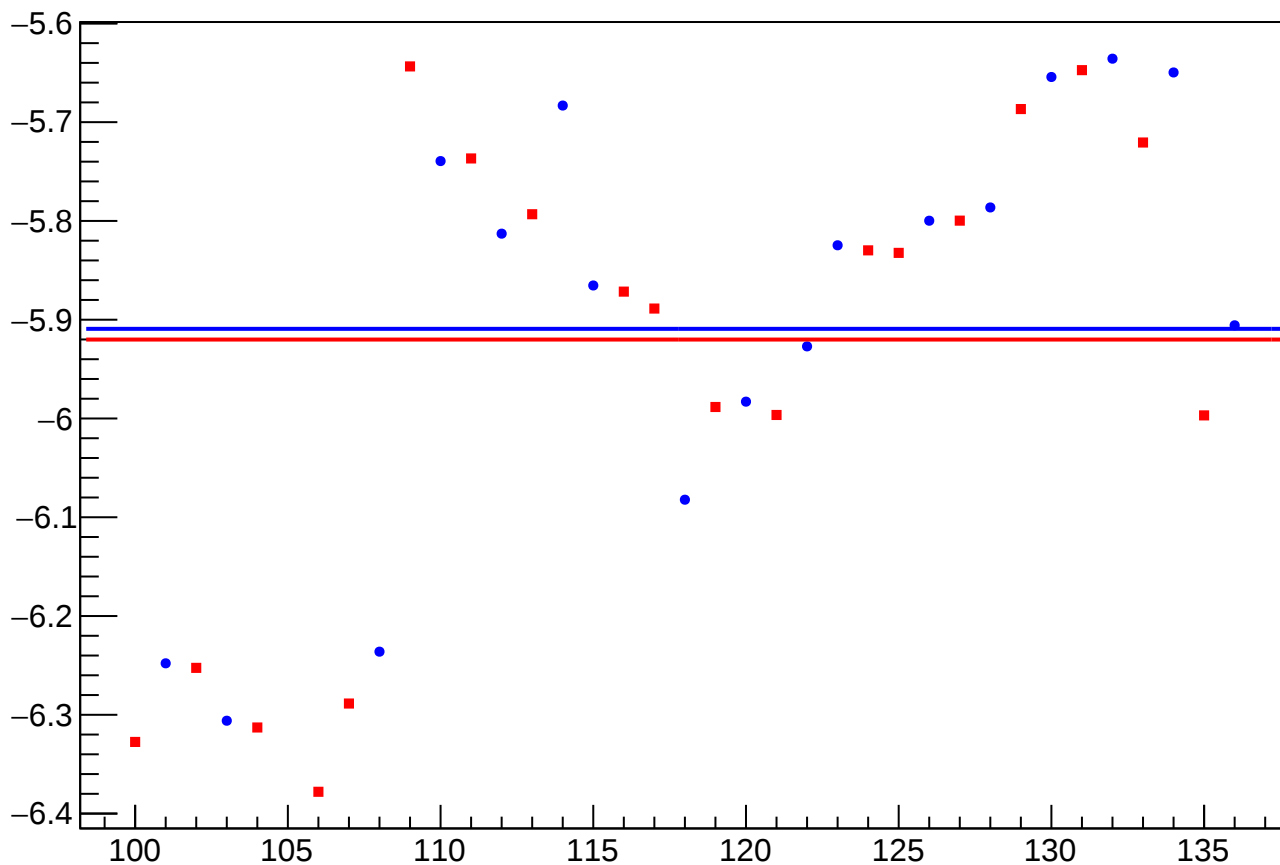
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 201323.2/16

0.006+/-0.000 χ^2/NDF : 433821.9/35

0.006+/-0.000 χ^2/NDF : 221405.1/18

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -5.909+/-0.000 χ^2/NDF : 11125163629.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.920+/-0.000 χ^2/NDF : 12784935112.1/18

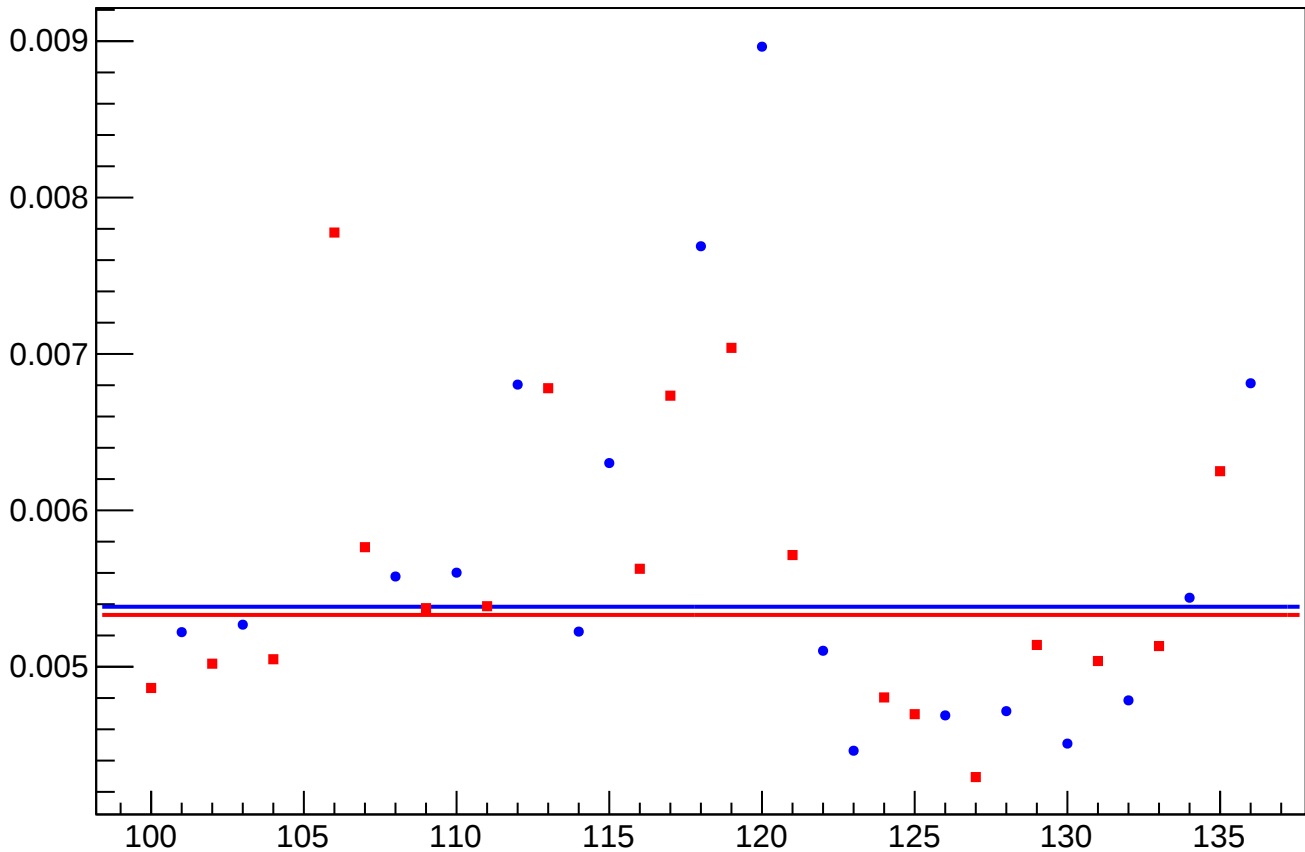
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.909+/-0.000 χ^2/NDF : 11125163629.1/16

-5.915+/-0.000 χ^2/NDF : 23922471159.6/3

-5.920+/-0.000 χ^2/NDF : 12784935112.1/18

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 347627.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 240026.3/18

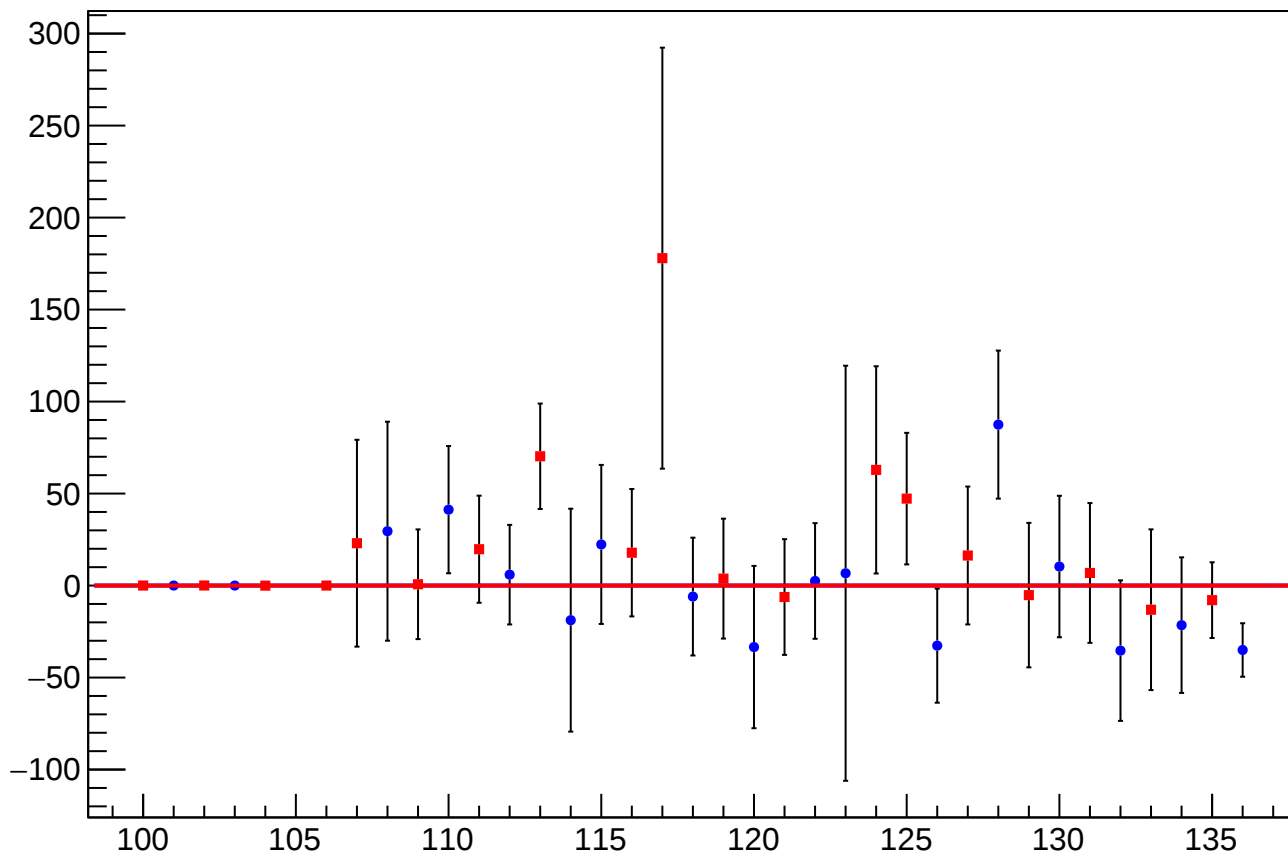
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 347627.8/16

0.005+/-0.000 χ^2/NDF : 588232.0/35

0.005+/-0.000 χ^2/NDF : 240026.3/18

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.017 χ^2/NDF : 15.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.016 χ^2/NDF : 17.7/18

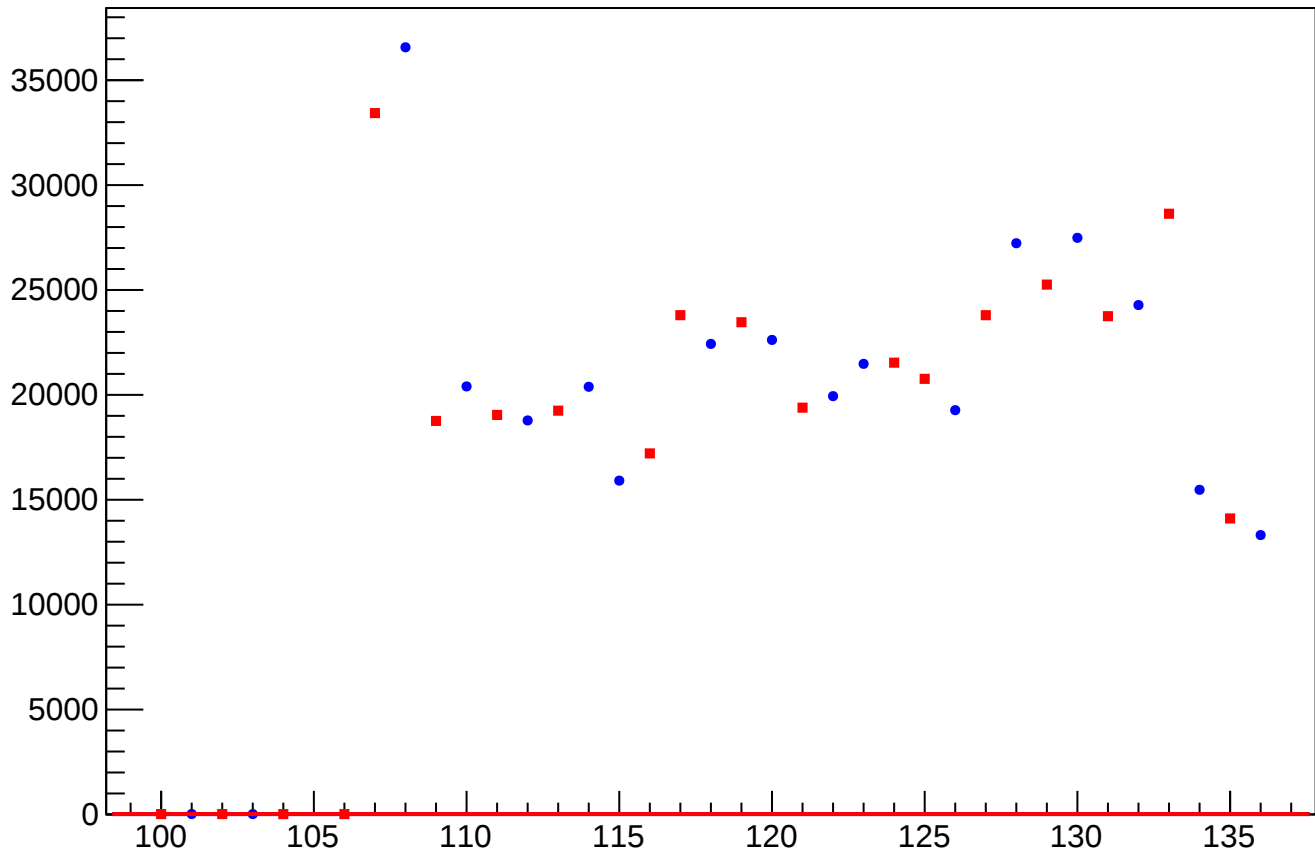
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.017 χ^2/NDF : 15.8/16

0.004+/-0.012 χ^2/NDF : 33.9/35

-0.003+/-0.016 χ^2/NDF : 17.7/18

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 18.641+/-0.012 χ^2/NDF : 10841561.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.308+/-0.011 χ^2/NDF : 10813357.8/18

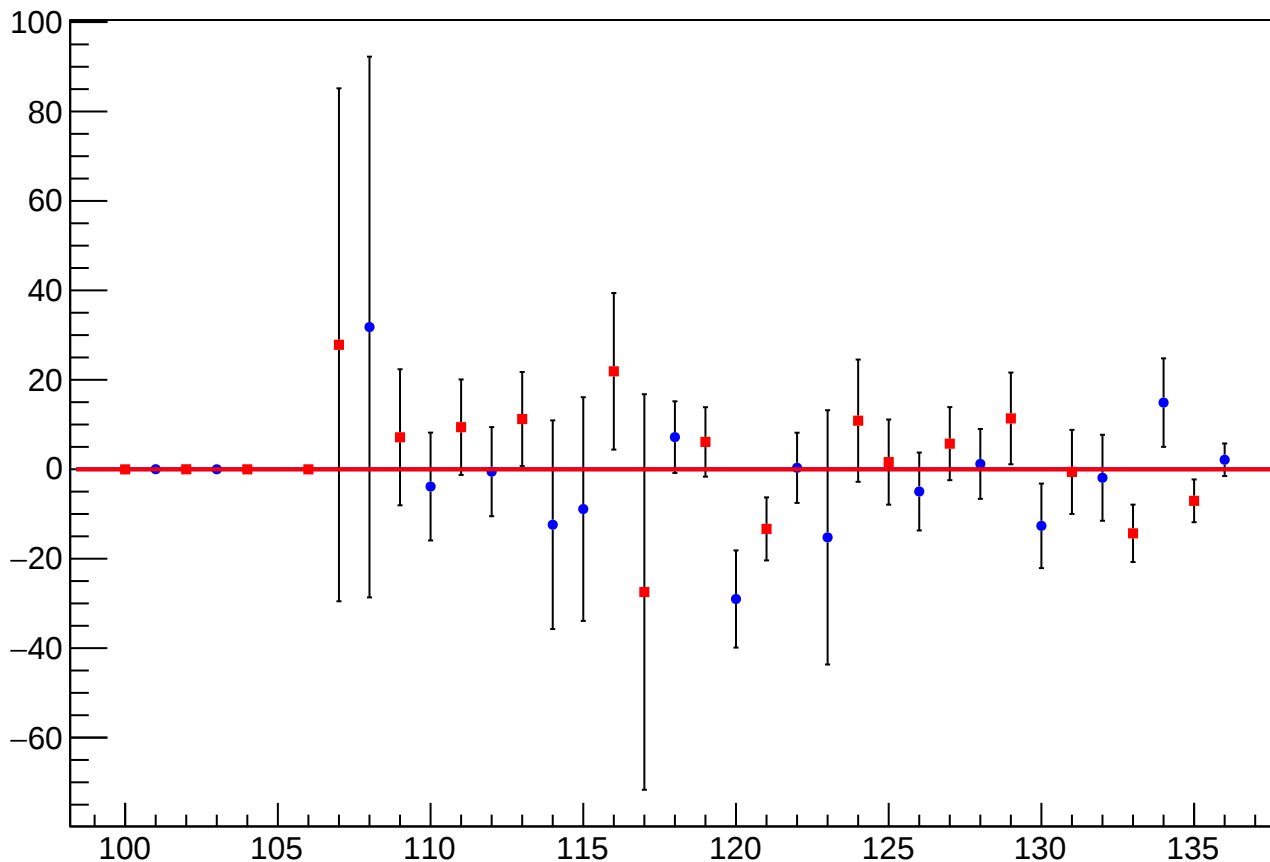
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

18.641+/-0.012 χ^2/NDF : 10841561.4/16

18.462+/-0.008 χ^2/NDF : 21655315.5/35

18.308+/-0.011 χ^2/NDF : 10813357.8/18

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.009 χ^2/NDF : 14.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.009 χ^2/NDF : 18.8/18

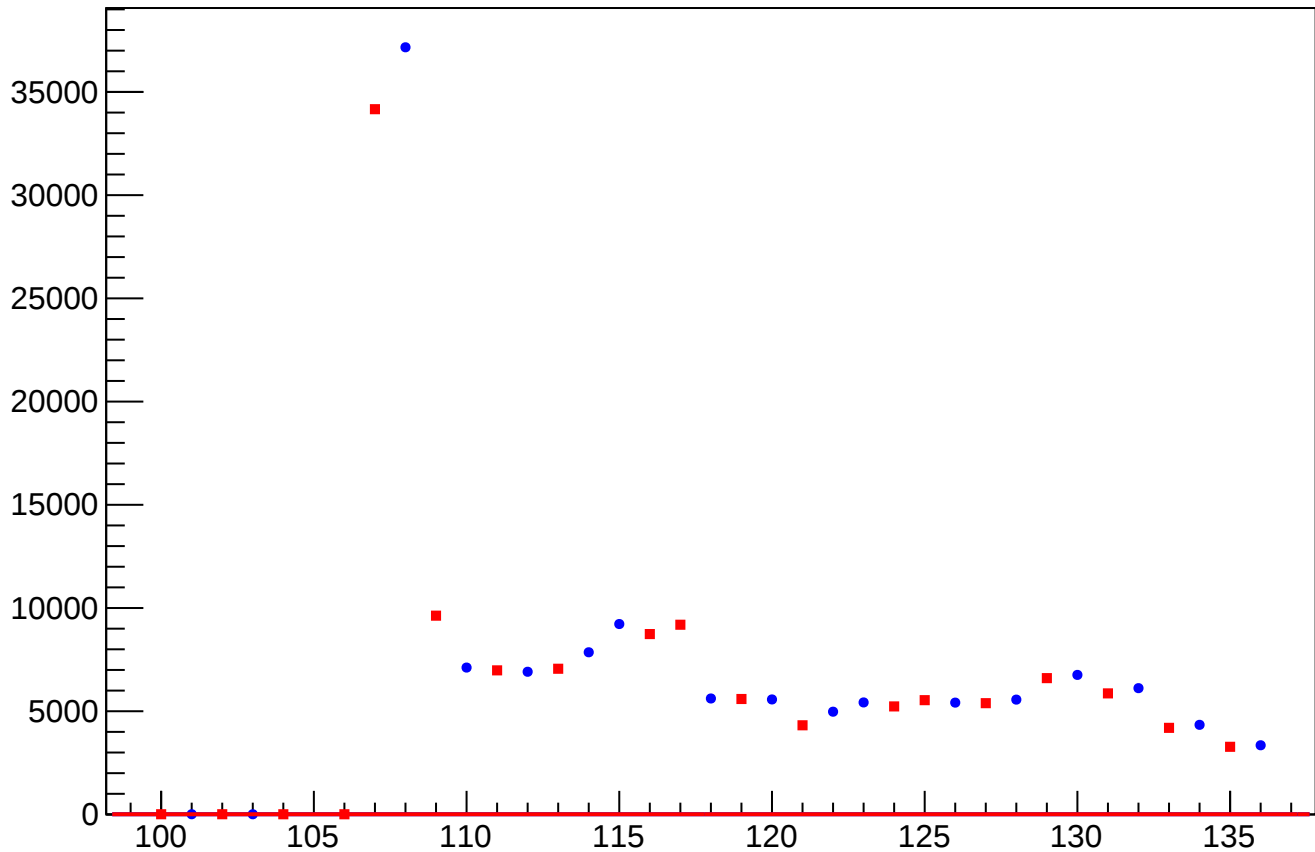
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.001+/-0.009 χ^2/NDF : 14.9/16

-0.007+/-0.006 χ^2/NDF : 35.1/35

-0.014+/-0.009 χ^2/NDF : 18.8/18

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 9.938+/-0.007 χ^2/NDF : 10973577.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.850+/-0.006 χ^2/NDF : 10863388.2/18

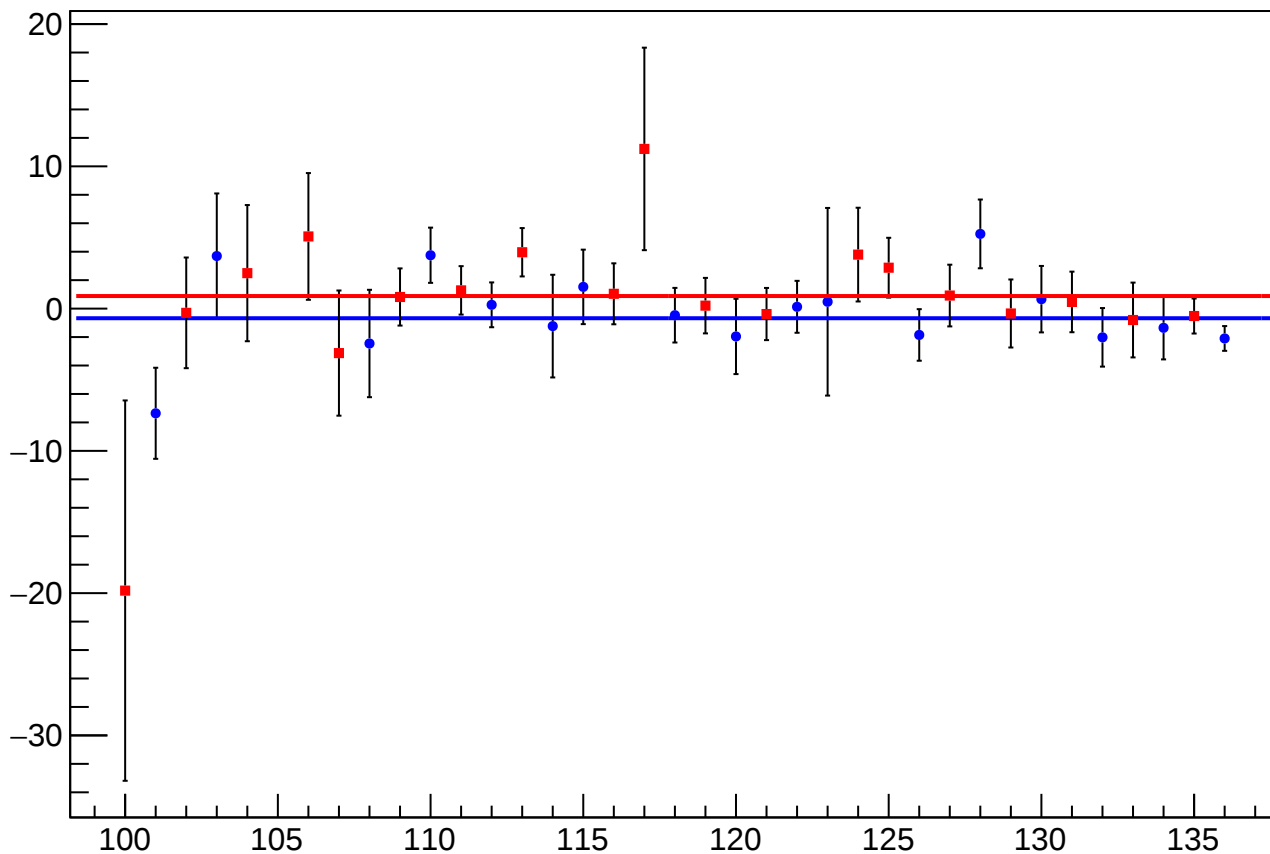
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.938+/-0.007 χ^2/NDF : 10973577.1/16

9.891+/-0.004 χ^2/NDF : 21837061.6/35

9.850+/-0.006 χ^2/NDF : 10863388.2/18

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.677 ± 0.484 χ^2/NDF : 22.3/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.884 ± 0.521 χ^2/NDF : 14.1/18

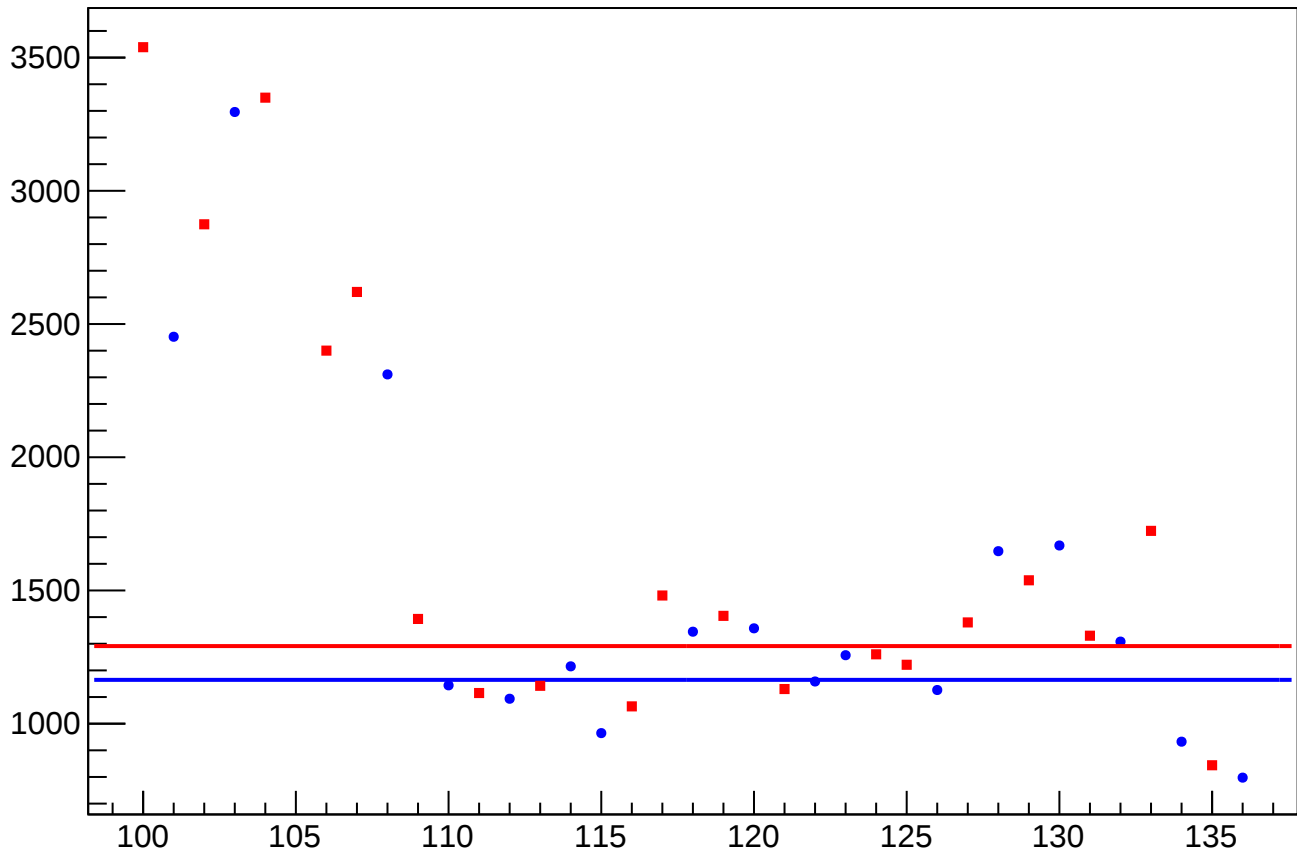
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.677 ± 0.484 χ^2/NDF : 22.3/16

0.047 ± 0.355 χ^2/NDF : 41.2/35

0.884 ± 0.521 χ^2/NDF : 14.1/18

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 1164.459 $\pm$ 0.342 χ^2 /NDF: 1584212.9/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1291.253 $\pm$ 0.368 χ^2 /NDF: 1498166.0/18

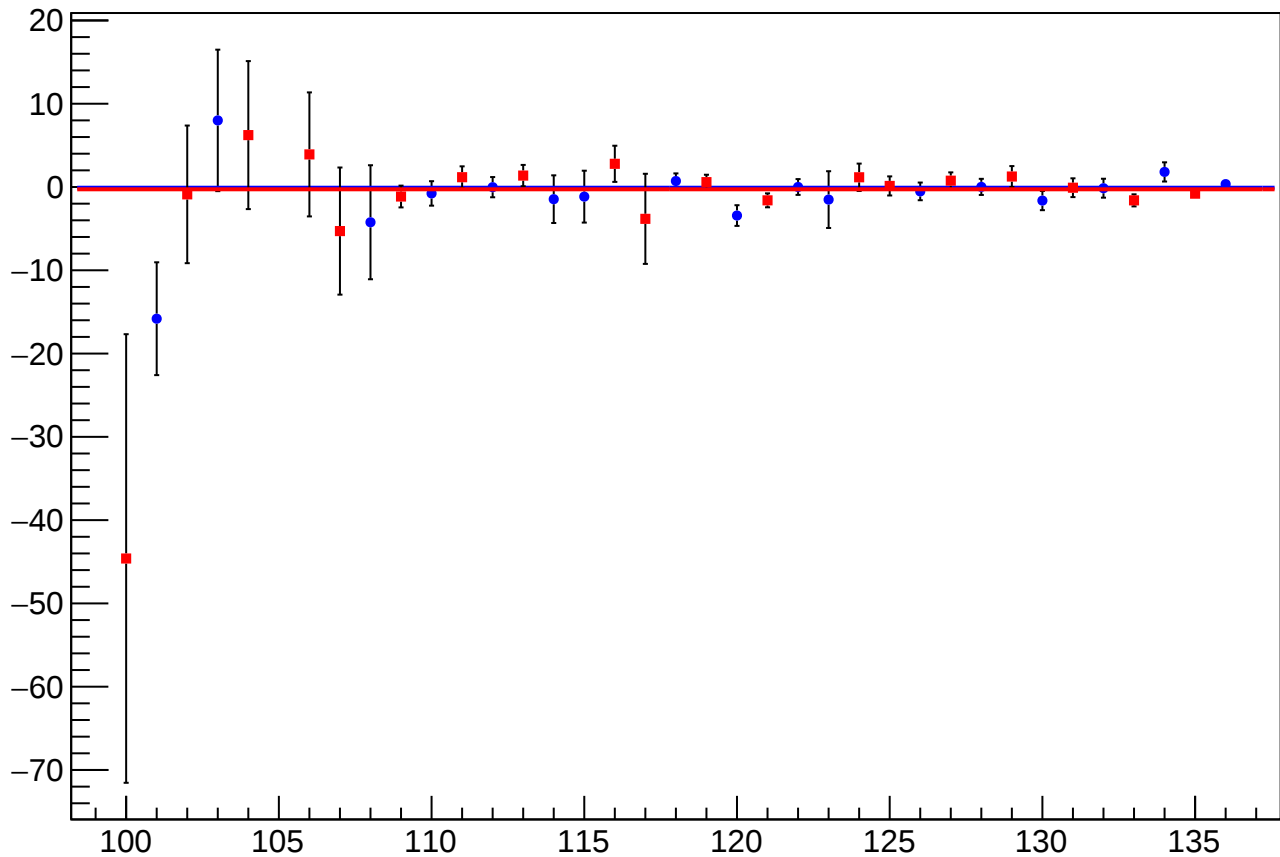
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1164.459 $\pm$ 0.342 χ^2 /NDF: 1584212.9/16

1223.222 $\pm$ 0.251 χ^2 /NDF: 3145954.5/35

1291.253 $\pm$ 0.368 χ^2 /NDF: 1498166.0/18

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.086+/-0.270 χ^2 /NDF: 21.1/16

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.275+/-0.275 χ^2 /NDF: 20.9/18

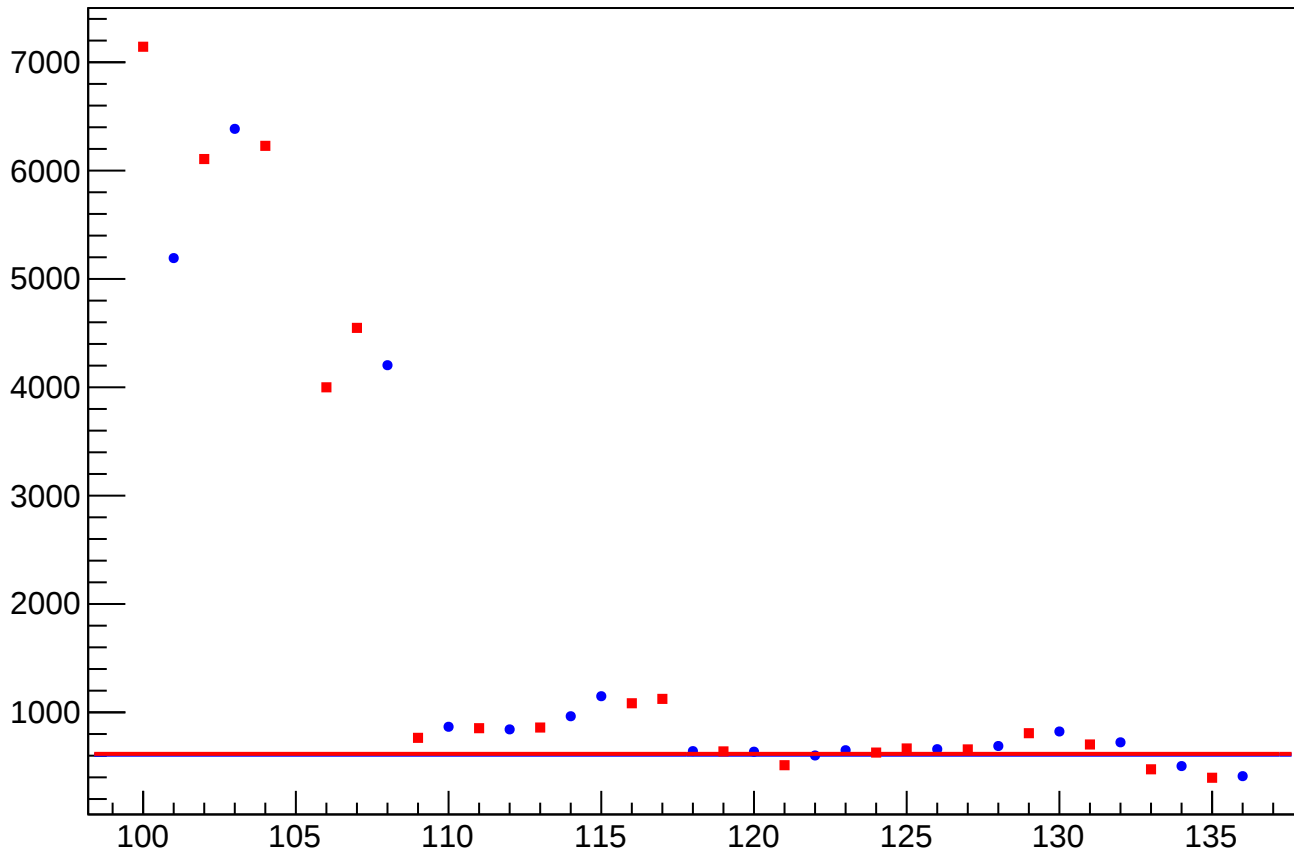
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.086+/-0.270 χ^2 /NDF: 21.1/16

-0.179+/-0.193 χ^2 /NDF: 42.2/35

-0.275+/-0.275 χ^2 /NDF: 20.9/18

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 609.016+/-0.191 χ^2/NDF : 3139231.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 616.904+/-0.194 χ^2/NDF : 3481284.7/18

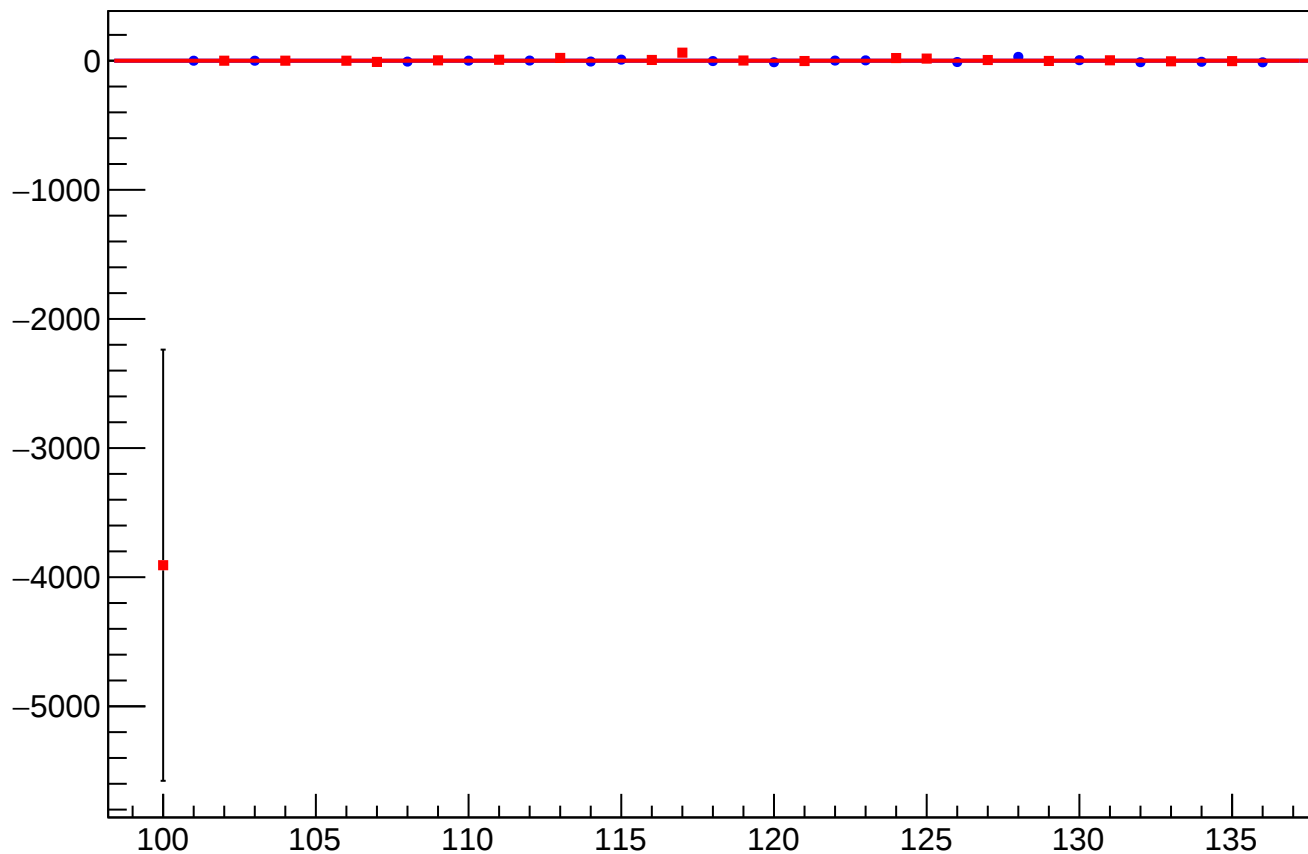
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

609.016+/-0.191 χ^2/NDF : 3139231.5/16

612.892+/-0.136 χ^2/NDF : 6621354.1/35

616.904+/-0.194 χ^2/NDF : 3481284.7/18

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.022 $\pm$ 0.021 χ^2 /NDF: 15.3/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.027 $\pm$ 0.020 χ^2 /NDF: 19.8/18

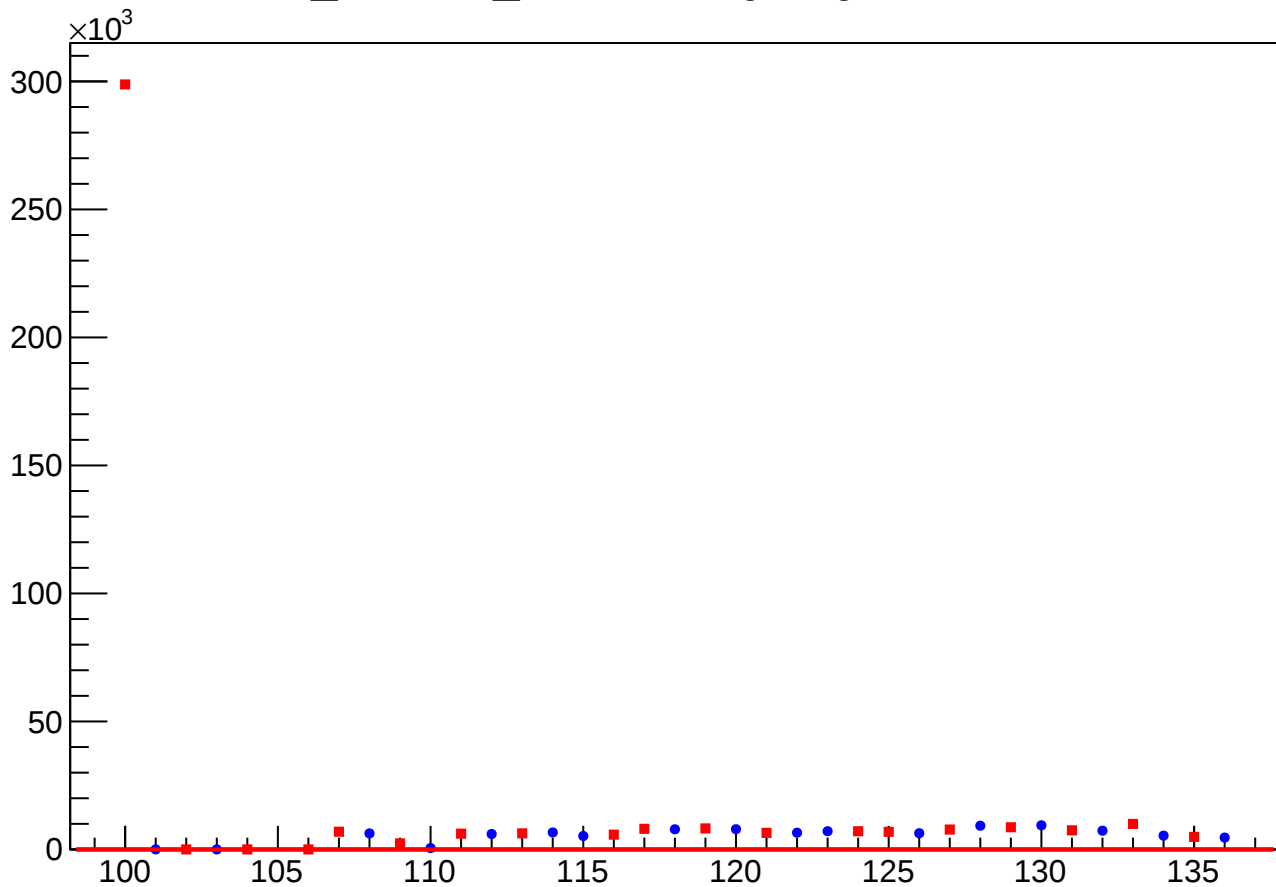
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.022 $\pm$ 0.021 χ^2 /NDF: 15.3/16

0.004 $\pm$ 0.014 χ^2 /NDF: 37.9/35

0.027 $\pm$ 0.020 χ^2 /NDF: 19.8/18

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 17.337 $\pm$ 0.015 χ^2 /NDF: 10359409.4/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.254 $\pm$ 0.014 χ^2 /NDF: 10524989.7/18

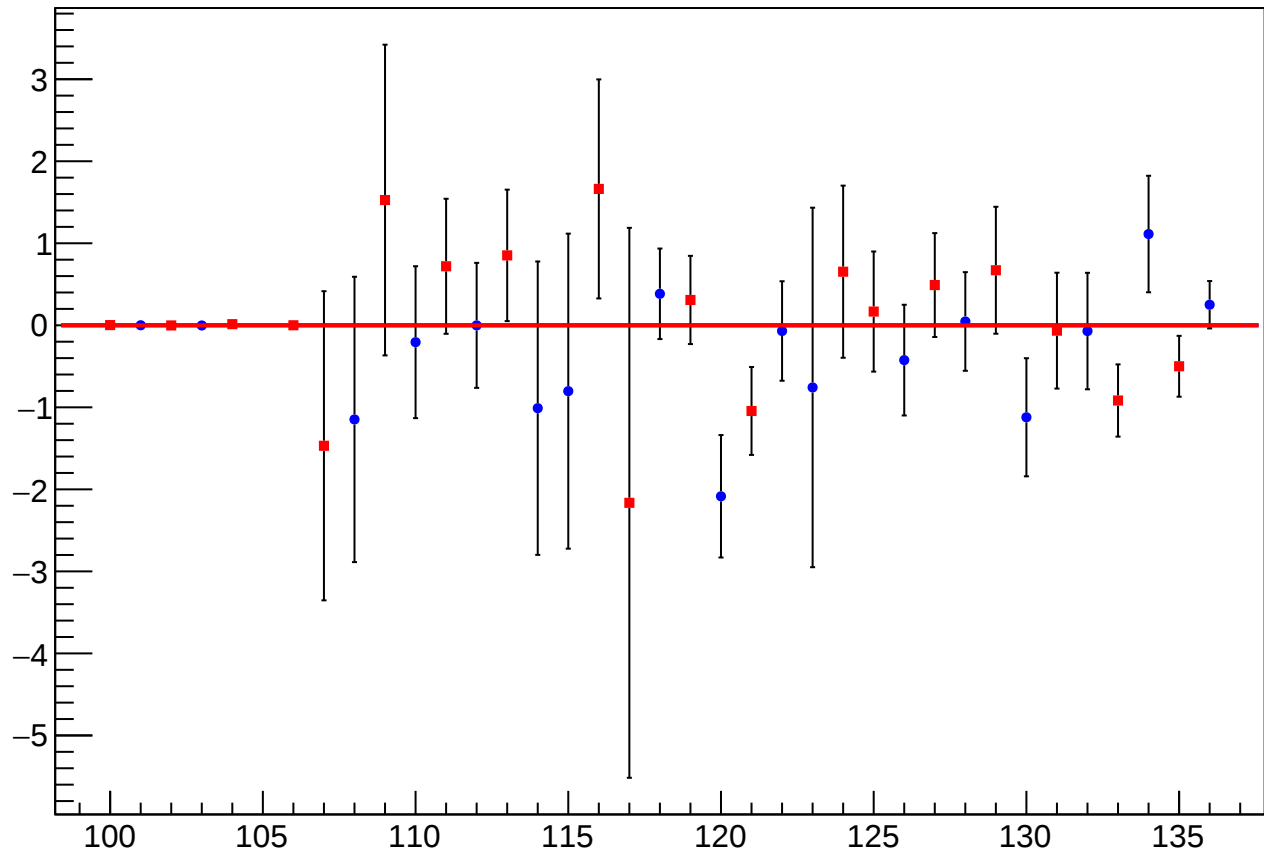
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.337 $\pm$ 0.015 χ^2 /NDF: 10359409.4/16

17.293 $\pm$ 0.010 χ^2 /NDF: 20884415.8/35

17.254 $\pm$ 0.014 χ^2 /NDF: 10524989.7/18

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.002 χ^2/NDF : 15.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.002 χ^2/NDF : 18.2/18

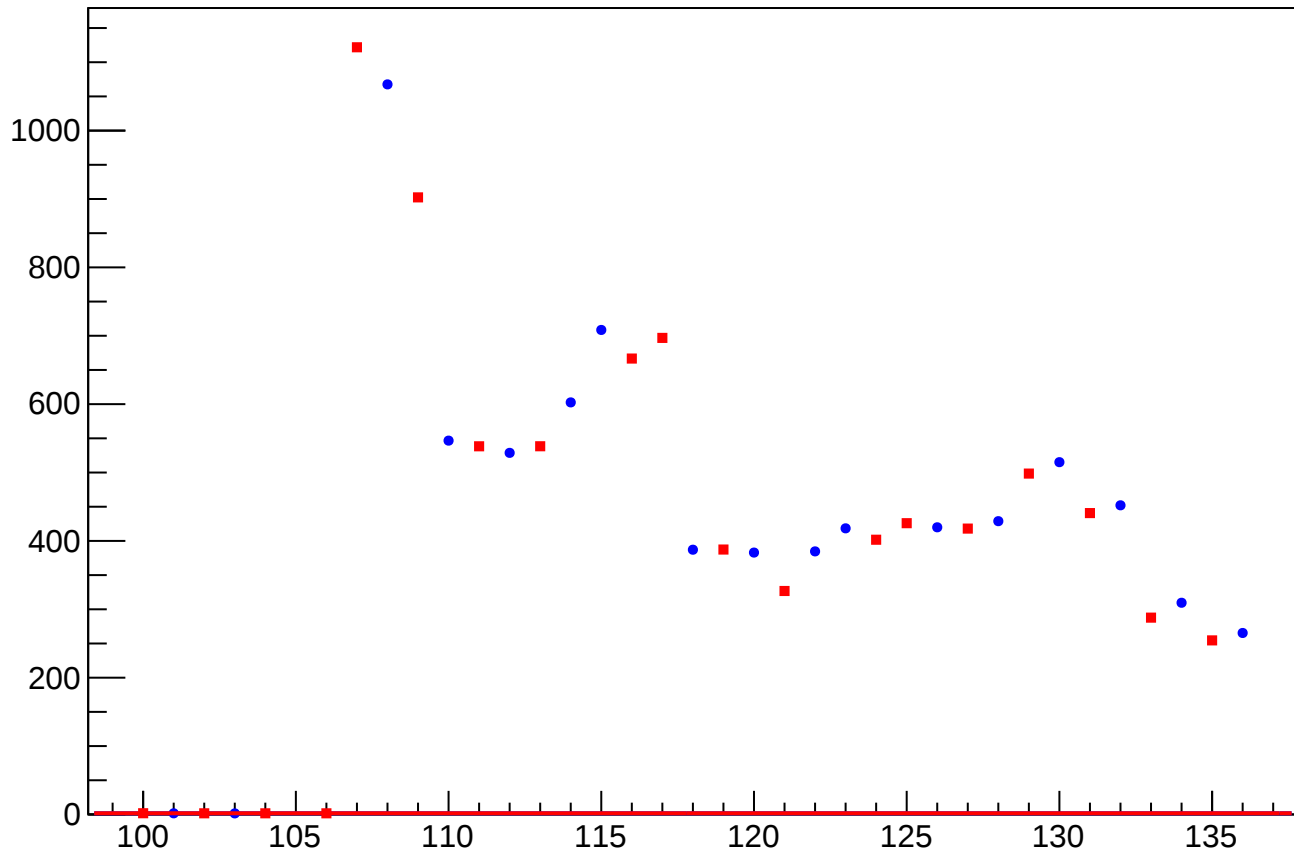
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.002 χ^2/NDF : 15.6/16

-0.000+/-0.001 χ^2/NDF : 33.9/35

-0.001+/-0.002 χ^2/NDF : 18.2/18

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 1.698+/-0.001 χ^2/NDF : 10911617.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.726+/-0.001 χ^2/NDF : 10450122.8/18

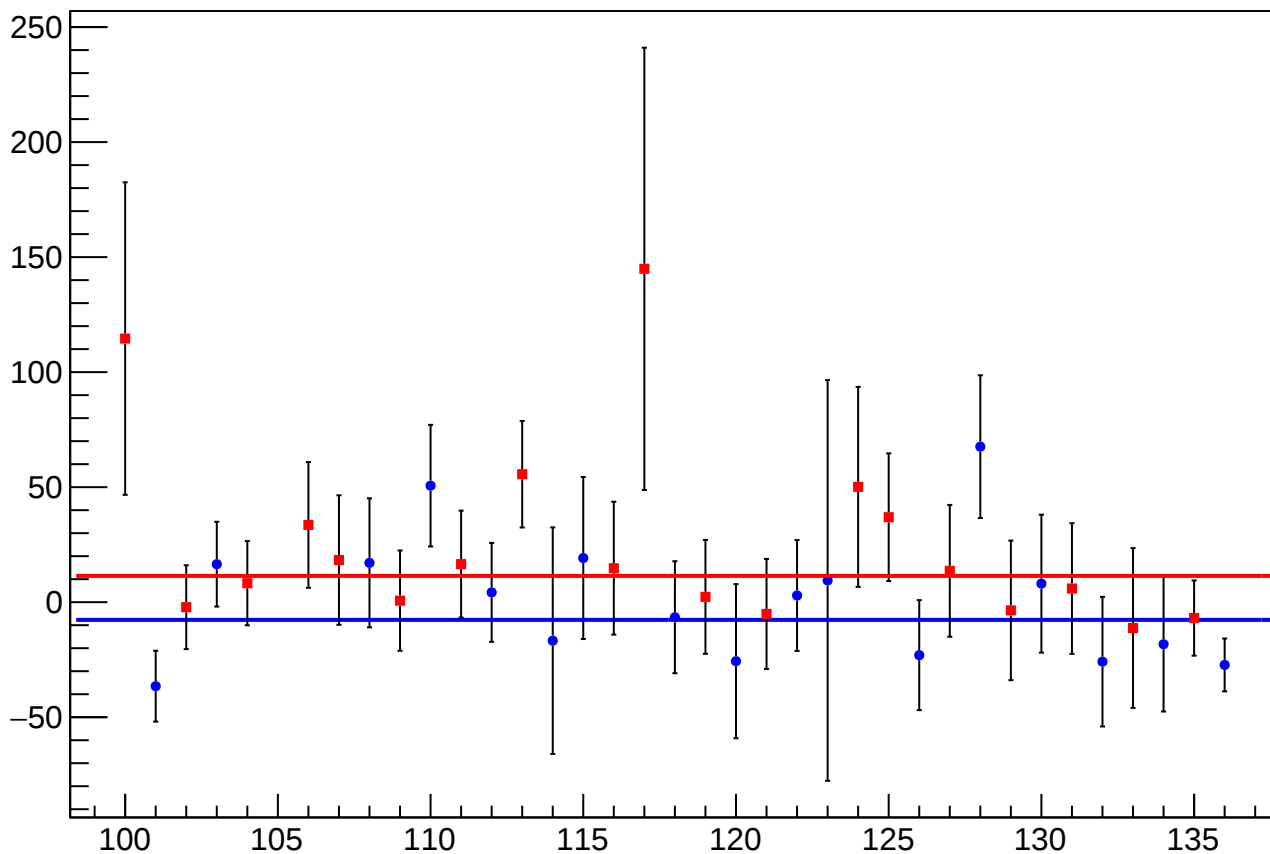
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.698+/-0.001 χ^2/NDF : 10911617.0/16

1.713+/-0.001 χ^2/NDF : 21361931.5/35

1.726+/-0.001 χ^2/NDF : 10450122.8/18

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -7.683+/-5.627 χ^2/NDF : 22.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.427+/-5.846 χ^2/NDF : 13.7/18

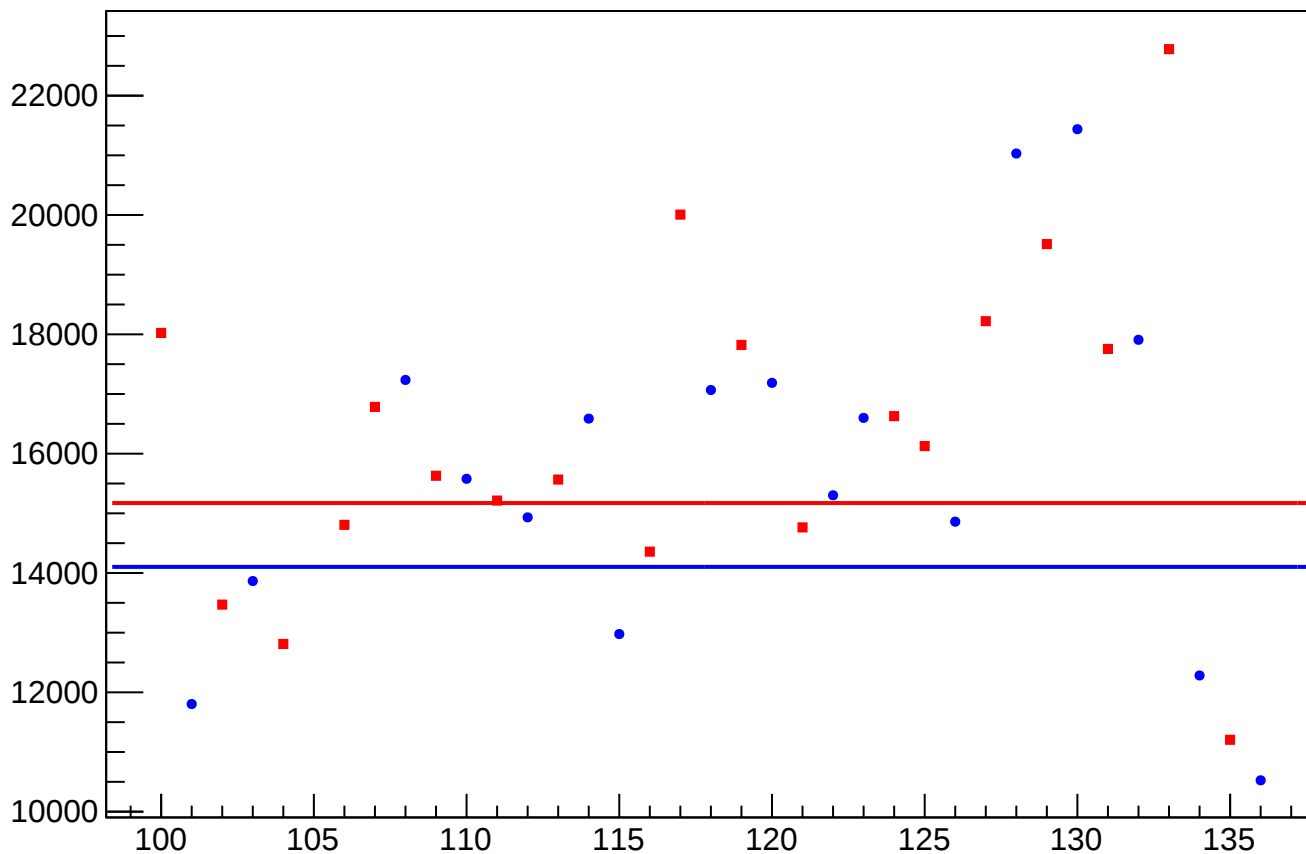
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-7.683+/-5.627 χ^2/NDF : 22.4/16

1.508+/-4.054 χ^2/NDF : 41.6/35

11.427+/-5.846 χ^2/NDF : 13.7/18

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 14102.522+/-3.979 χ^2/NDF : 598934.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15172.814+/-4.134 χ^2/NDF : 391294.7/18

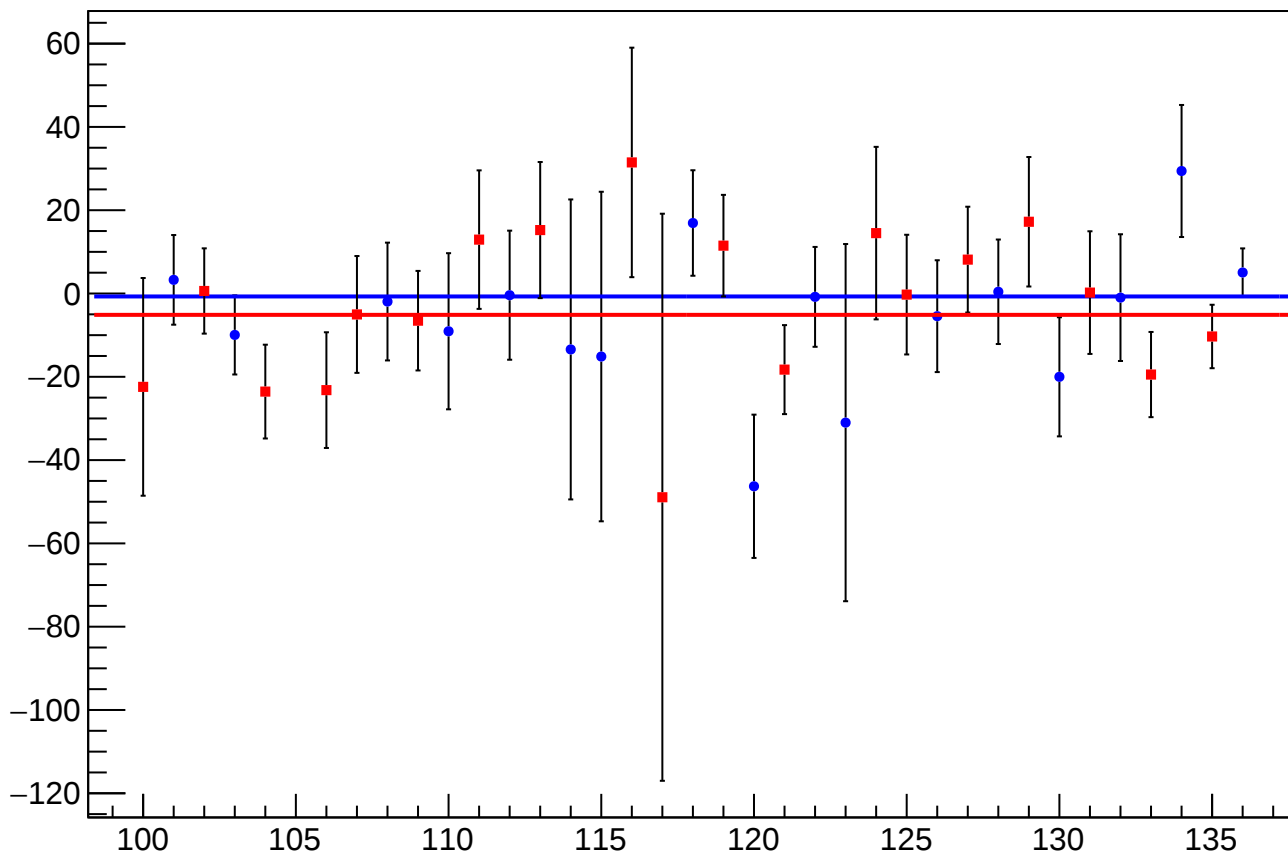
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14102.522+/-3.979 χ^2/NDF : 598934.8/16

14617.296+/-2.867 χ^2/NDF : 1025028.1/3

15172.814+/-4.134 χ^2/NDF : 391294.7/18

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -0.708+/-3.084 χ^2/NDF : 17.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.125+/-3.023 χ^2/NDF : 20.1/18

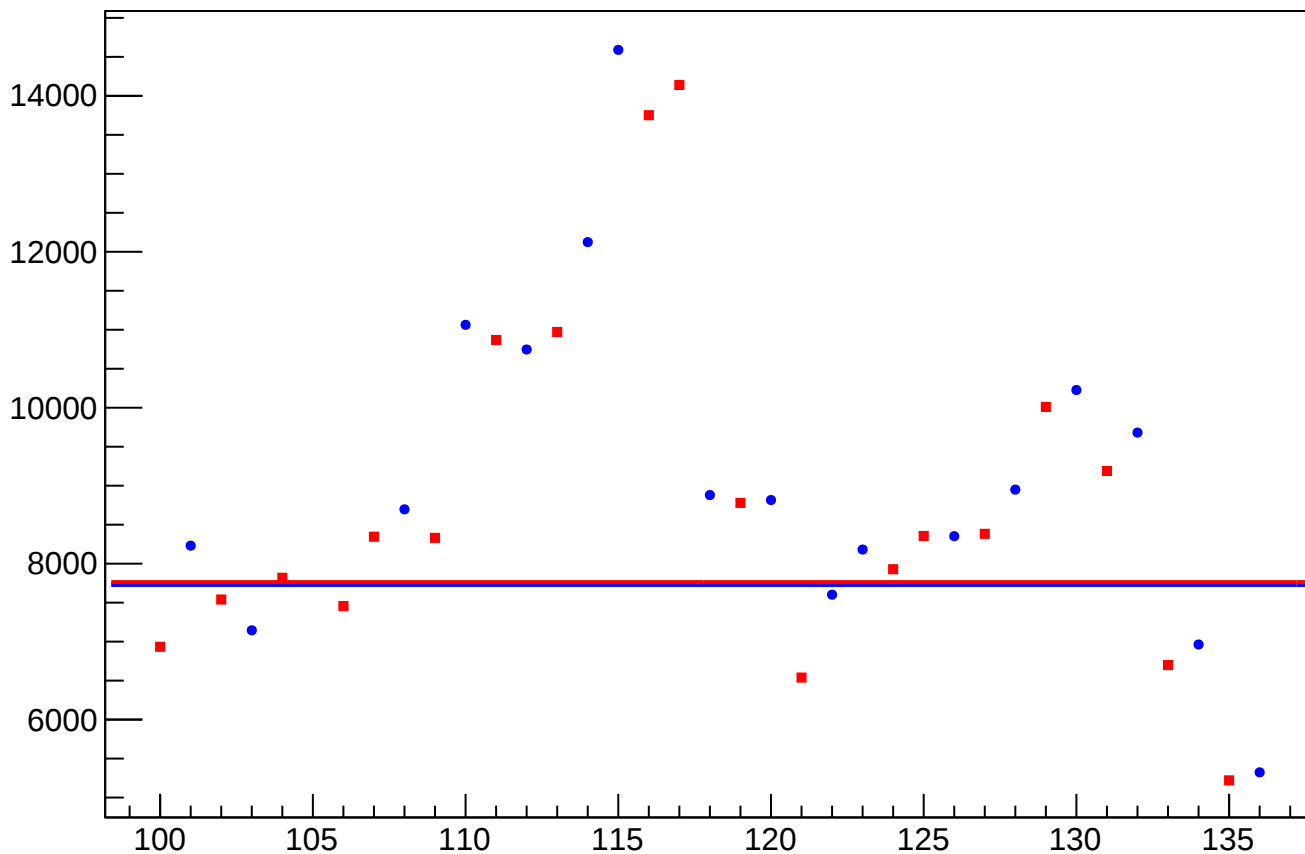
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.708+/-3.084 χ^2/NDF : 17.6/16

-2.960+/-2.159 χ^2/NDF : 38.7/35

-5.125+/-3.023 χ^2/NDF : 20.1/18

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 7726.745 $\pm$ 2.180 χ^2 /NDF: 742512.8/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7763.393 $\pm$ 2.137 χ^2 /NDF: 624322.0/18

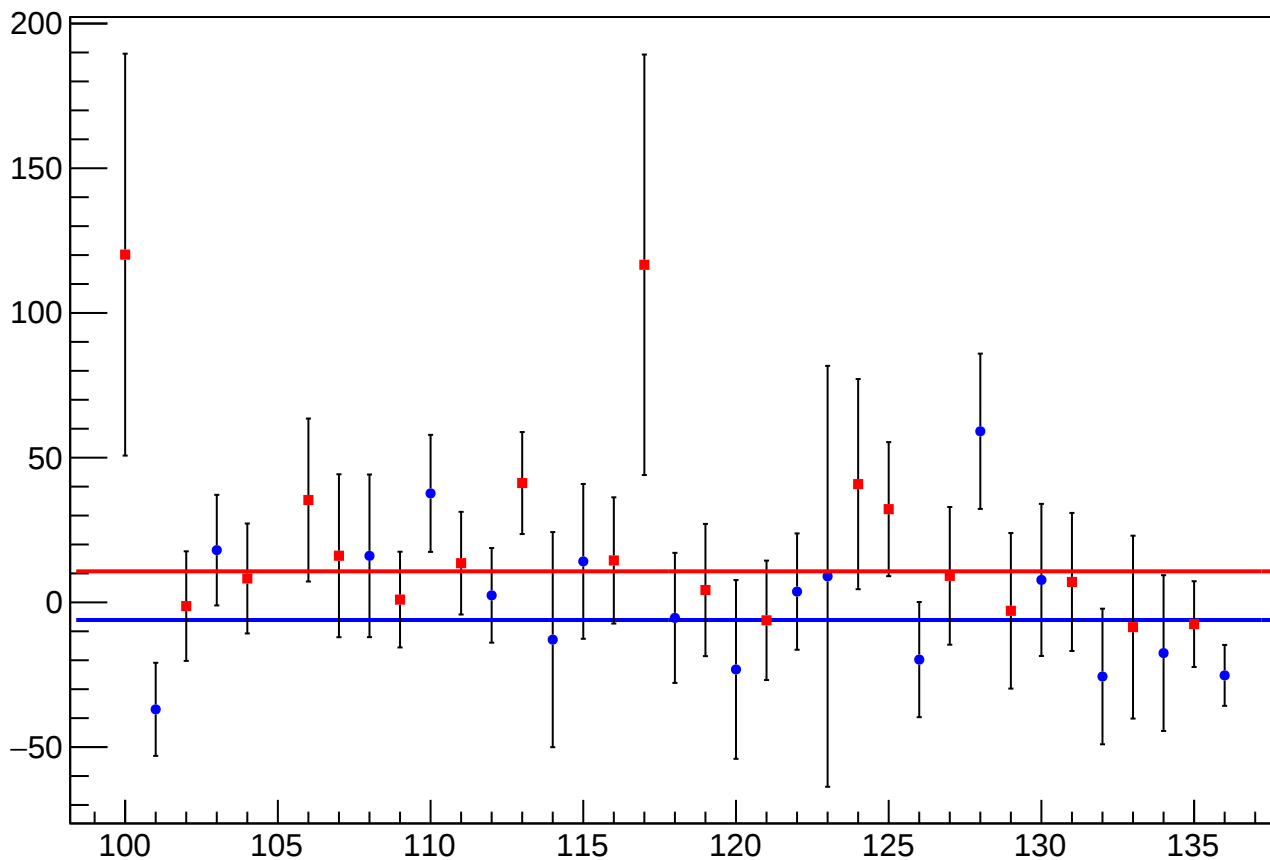
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7726.745 $\pm$ 2.180 χ^2 /NDF: 742512.8/16

7745.434 $\pm$ 1.526 χ^2 /NDF: 1366978.9/35

7763.393 $\pm$ 2.137 χ^2 /NDF: 624322.0/18

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: -6.092+/-5.034 χ^2 /NDF: 22.9/16

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 10.727+/-5.130 χ^2 /NDF: 13.7/18

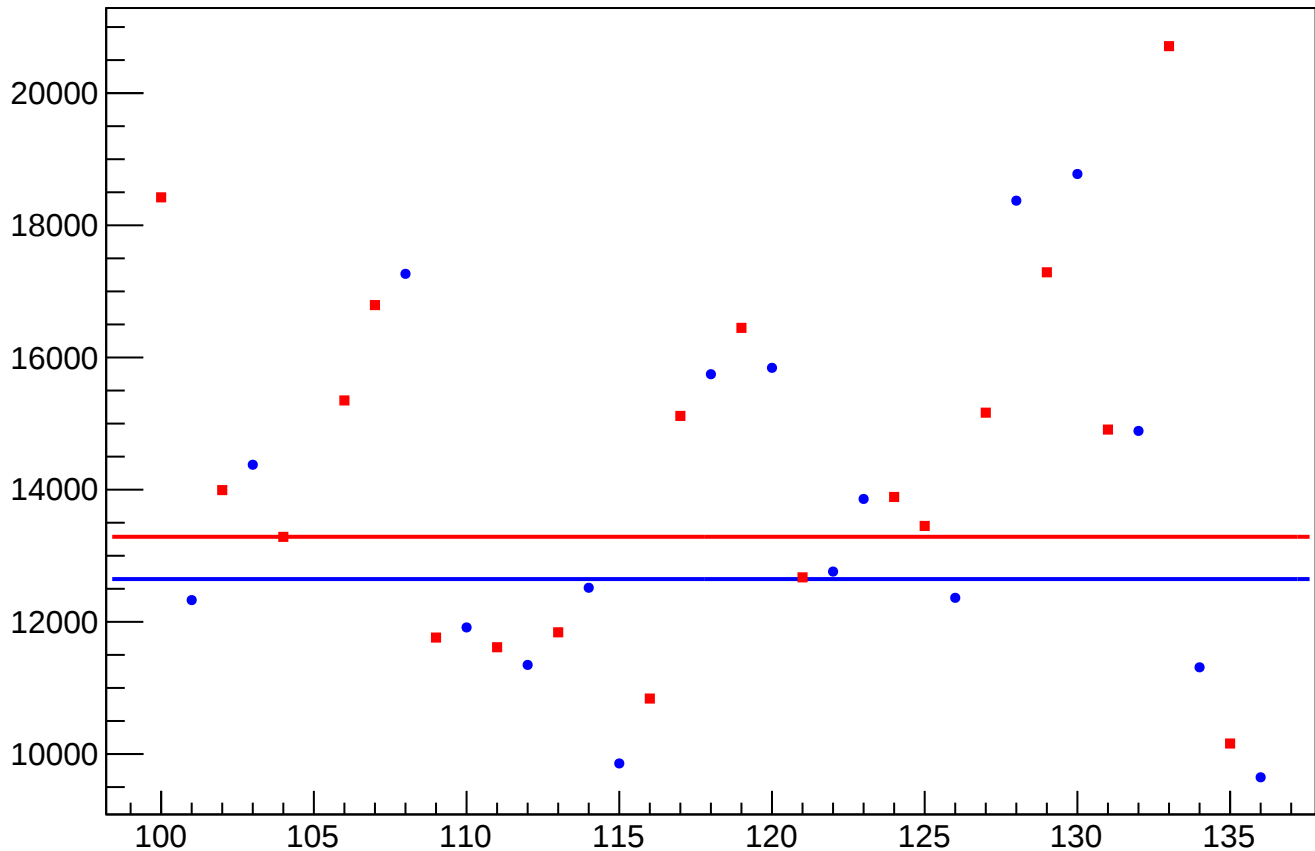
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-6.092+/-5.034 χ^2 /NDF: 22.9/16

2.158+/-3.593 χ^2 /NDF: 42.1/35

10.727+/-5.130 χ^2 /NDF: 13.7/18

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 12647.257+/-3.559 χ^2/NDF : 554320.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13286.946+/-3.628 χ^2/NDF : 436525.2/18

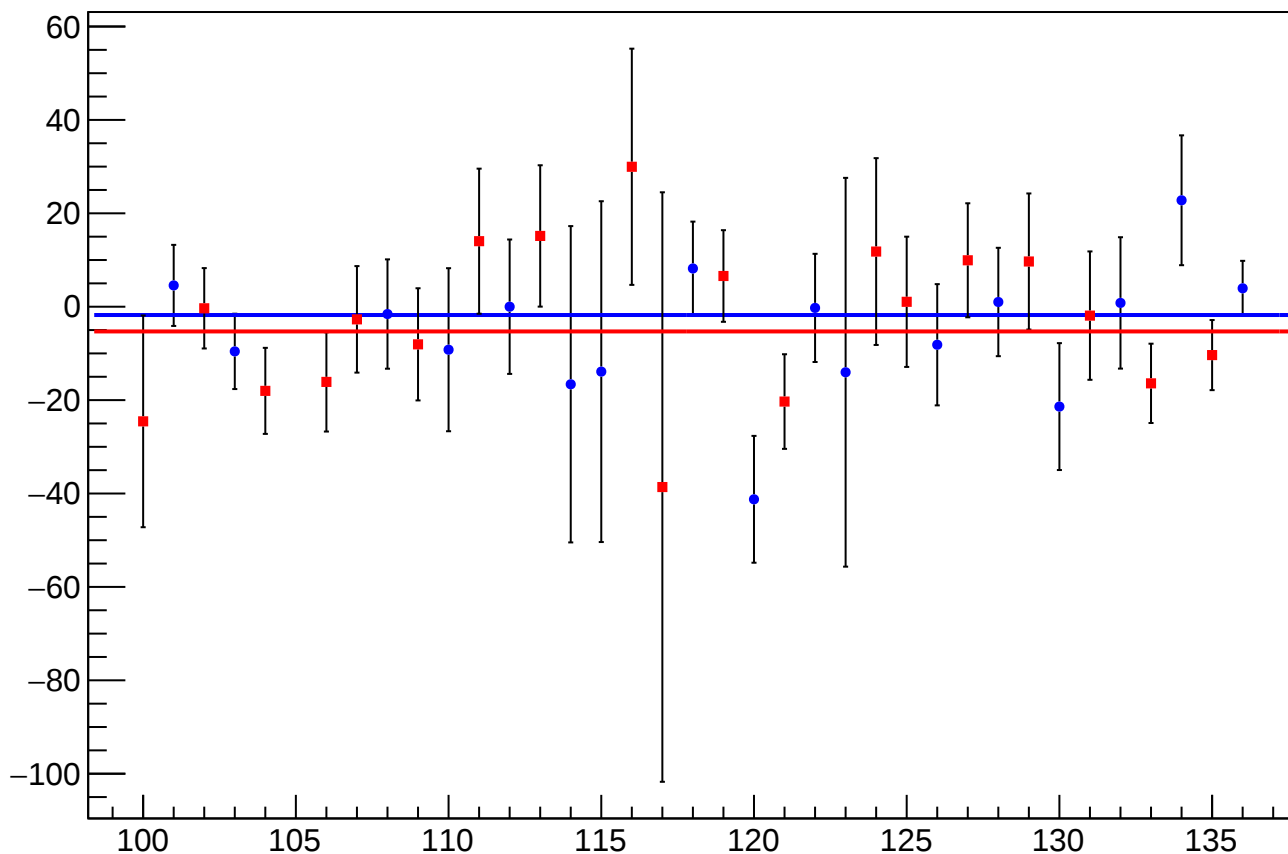
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12647.257+/-3.559 χ^2/NDF : 554320.4/16

12961.026+/-2.541 χ^2/NDF : 1006688.6/3

13286.946+/-3.628 χ^2/NDF : 436525.2/18

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -1.777+/-2.806 χ^2 /NDF: 18.0/16

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -5.294+/-2.700 χ^2 /NDF: 19.1/18

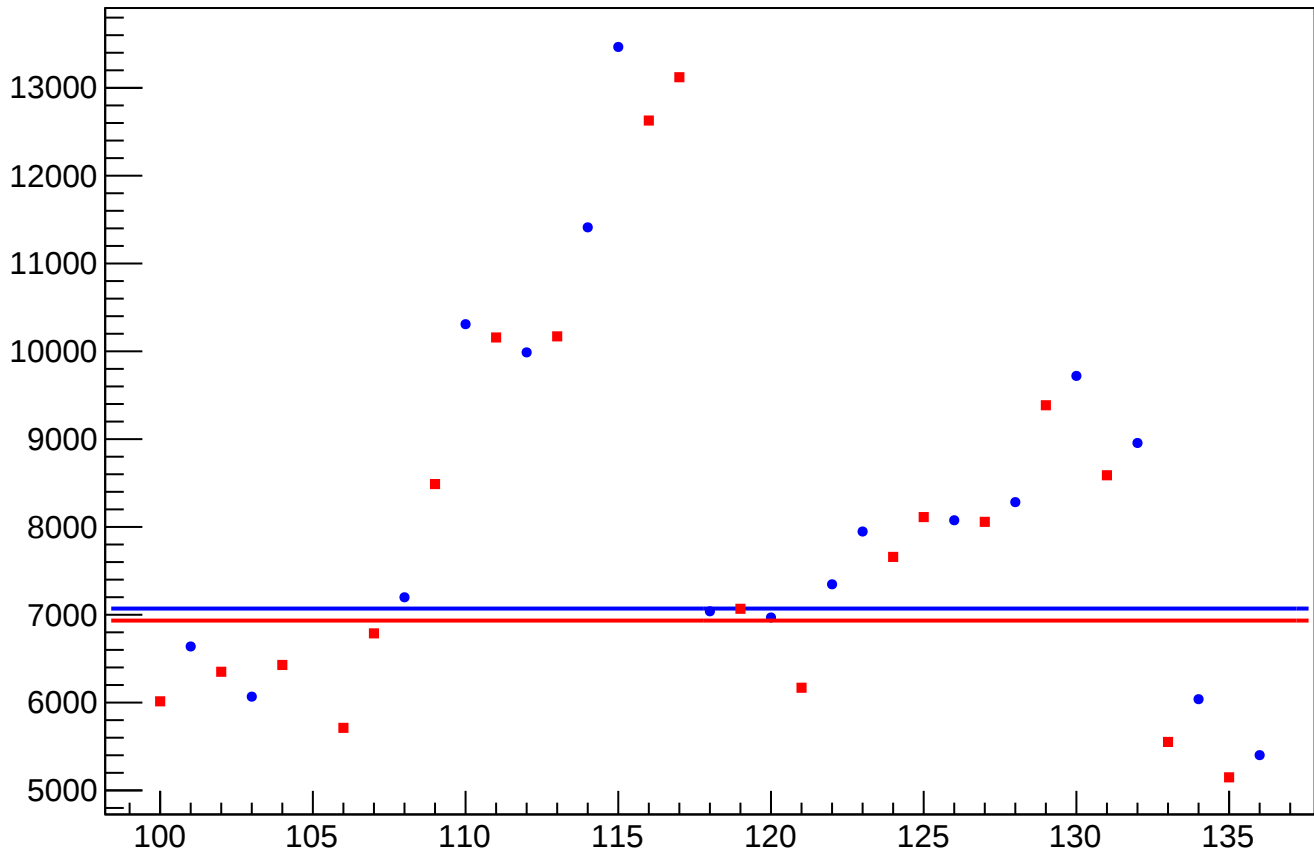
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1.777+/-2.806 χ^2 /NDF: 18.0/16

-3.603+/-1.946 χ^2 /NDF: 37.9/35

-5.294+/-2.700 χ^2 /NDF: 19.1/18

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7070.672 $\pm$ 1.984 χ^2 /NDF: 601692.5/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6933.910 $\pm$ 1.909 χ^2 /NDF: 674395.7/18

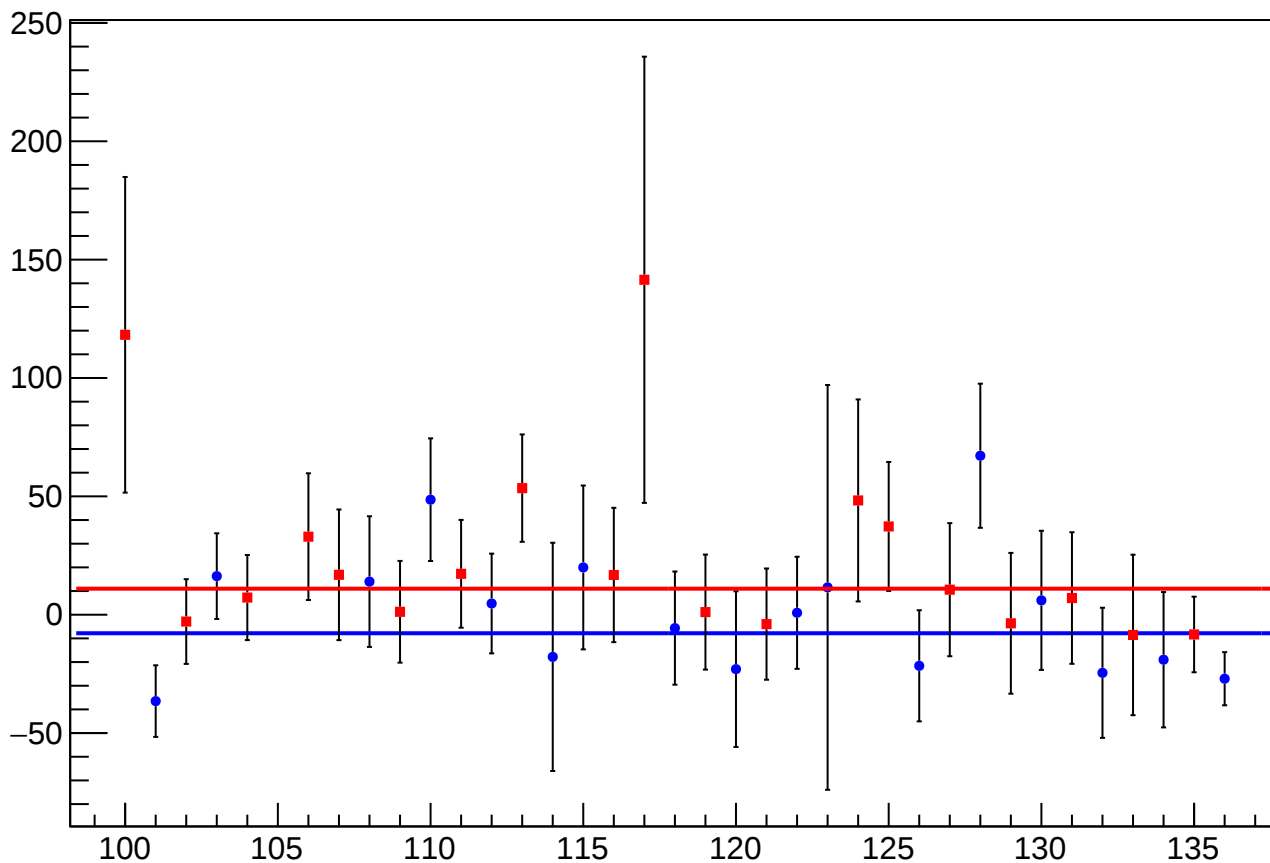
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7070.672 $\pm$ 1.984 χ^2 /NDF: 601692.5/16

6999.669 $\pm$ 1.376 χ^2 /NDF: 1278554.8/35

6933.910 $\pm$ 1.909 χ^2 /NDF: 674395.7/18

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -7.825+/-5.516 χ^2/NDF : 22.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.993+/-5.732 χ^2/NDF : 14.0/18

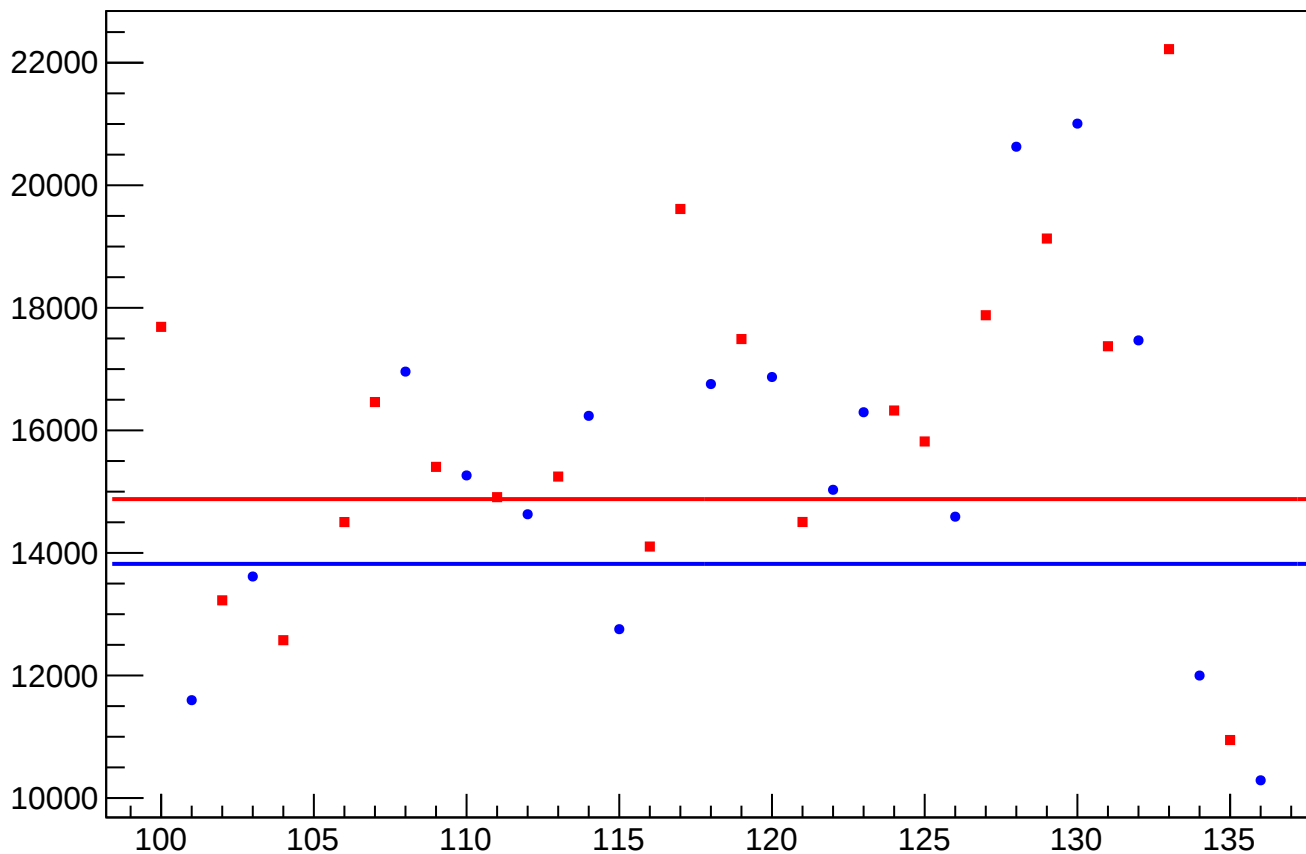
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-7.825+/-5.516 χ^2/NDF : 22.3/16

1.222+/-3.975 χ^2/NDF : 41.9/35

10.993+/-5.732 χ^2/NDF : 14.0/18

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 13821.195+/-3.900 χ^2/NDF : 602672.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14878.518+/-4.053 χ^2/NDF : 391940.1/18

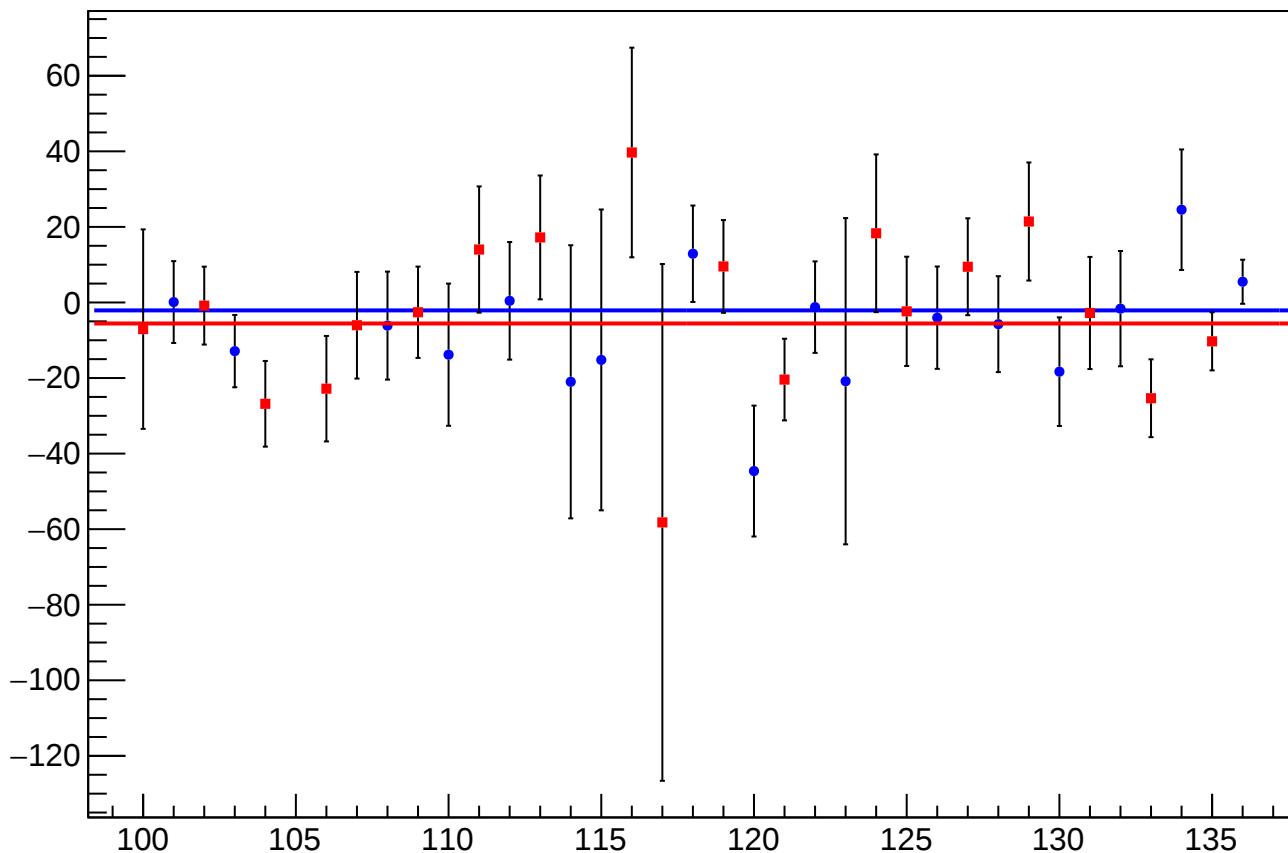
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13821.195+/-3.900 χ^2/NDF : 602672.4/16

14329.497+/-2.810 χ^2/NDF : 1029942.9/3

14878.518+/-4.053 χ^2/NDF : 391940.1/18

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -2.098+/-3.106 χ^2/NDF : 15.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.561+/-3.046 χ^2/NDF : 25.1/18

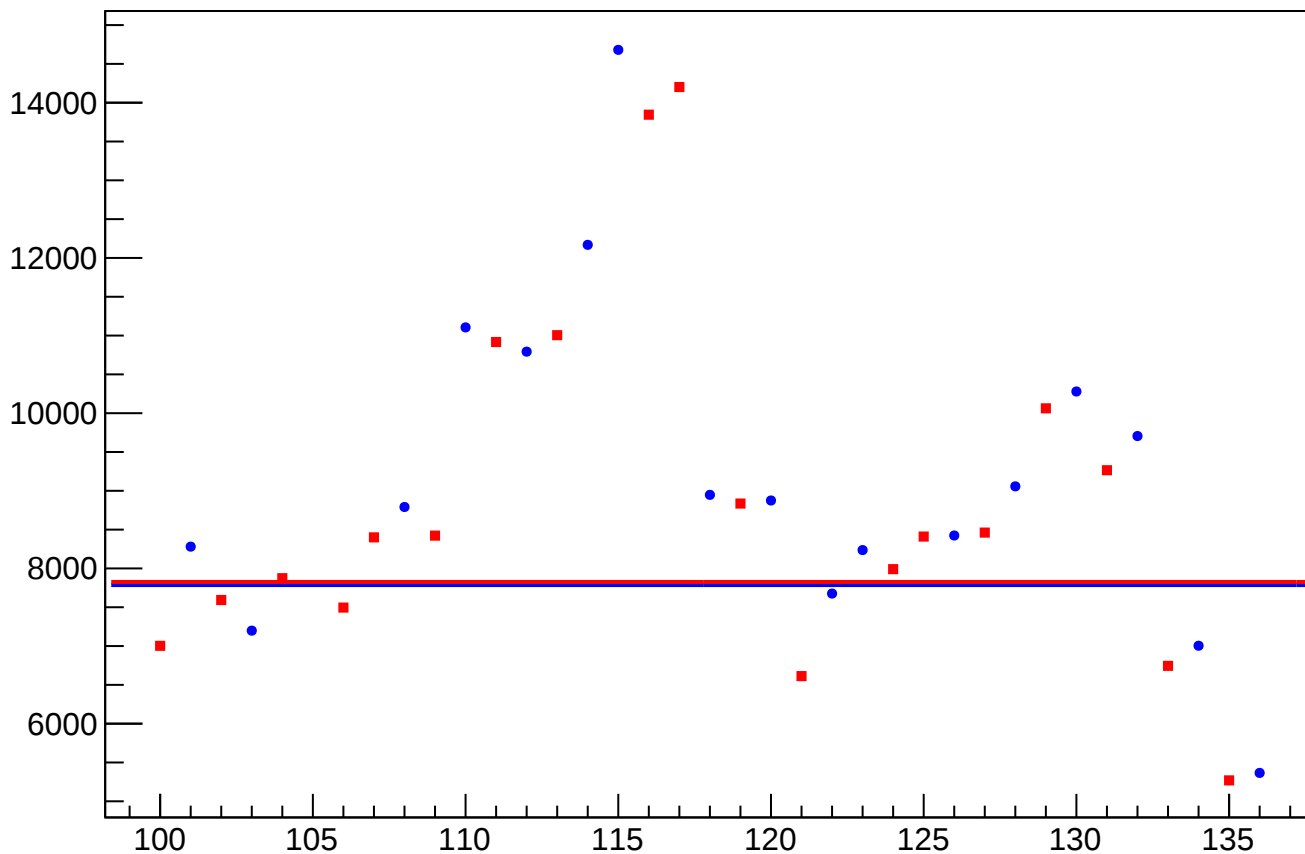
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.098+/-3.106 χ^2/NDF : 15.6/16

-3.864+/-2.175 χ^2/NDF : 41.4/35

-5.561+/-3.046 χ^2/NDF : 25.1/18

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 7785.931+/-2.197 χ^2/NDF : 738101.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7825.705+/-2.154 χ^2/NDF : 617564.7/18

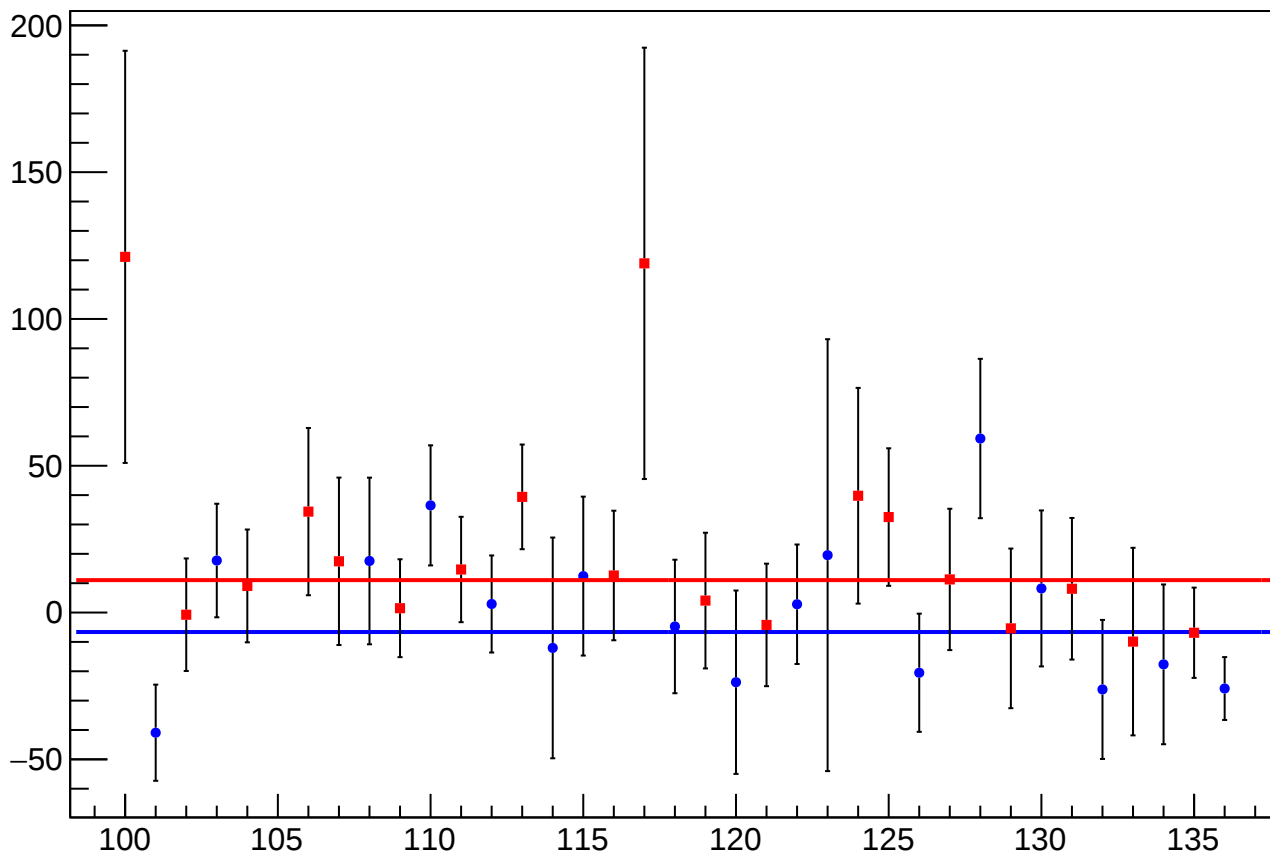
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7785.931+/-2.197 χ^2/NDF : 738101.9/16

7806.208+/-1.538 χ^2/NDF : 1355833.7/35

7825.705+/-2.154 χ^2/NDF : 617564.7/18

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -6.634+/-5.101 χ^2/NDF : 23.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.045+/-5.204 χ^2/NDF : 12.9/18

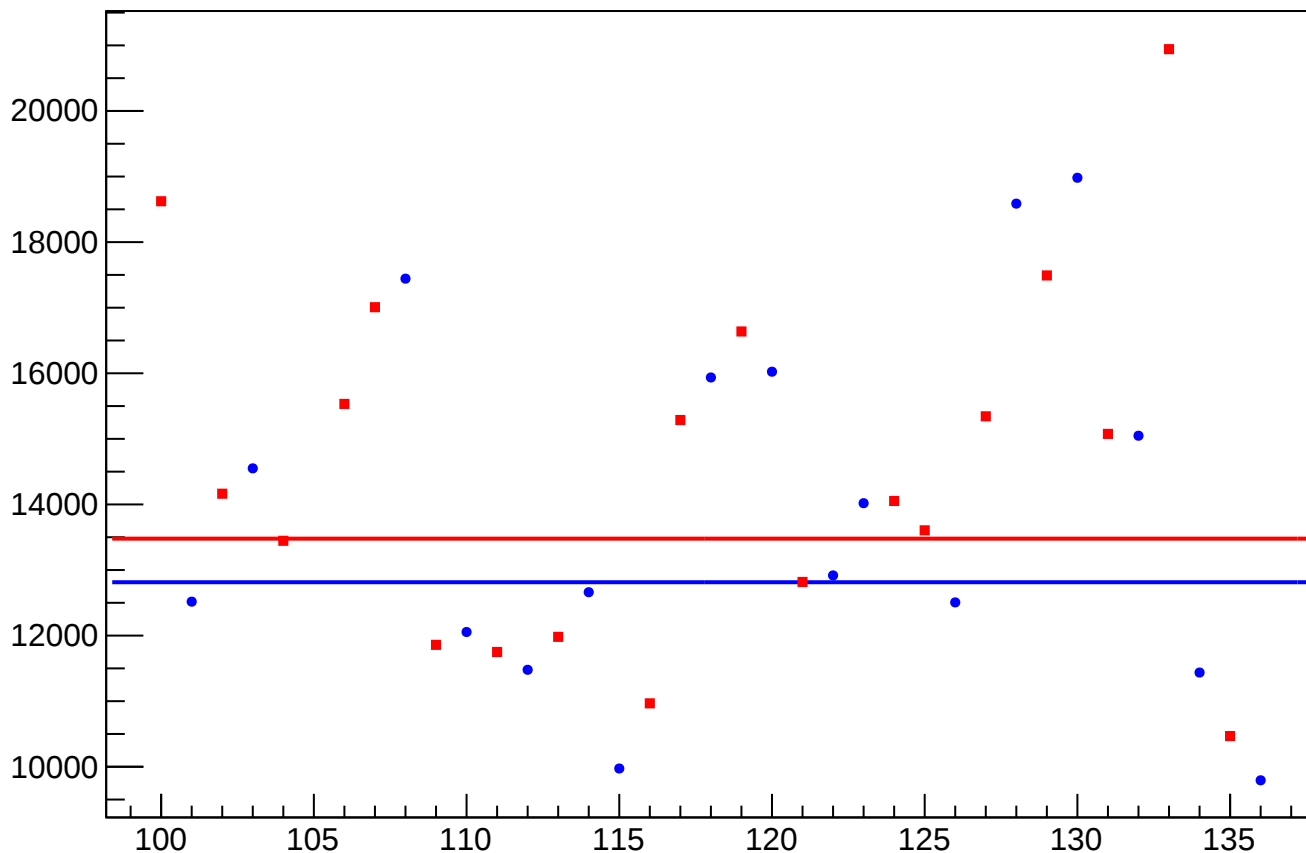
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.634+/-5.101 χ^2/NDF : 23.4/16

2.029+/-3.643 χ^2/NDF : 42.2/35

11.045+/-5.204 χ^2/NDF : 12.9/18

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 12813.726+/-3.607 χ^2/NDF : 548127.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13478.461+/-3.680 χ^2/NDF : 423143.3/18

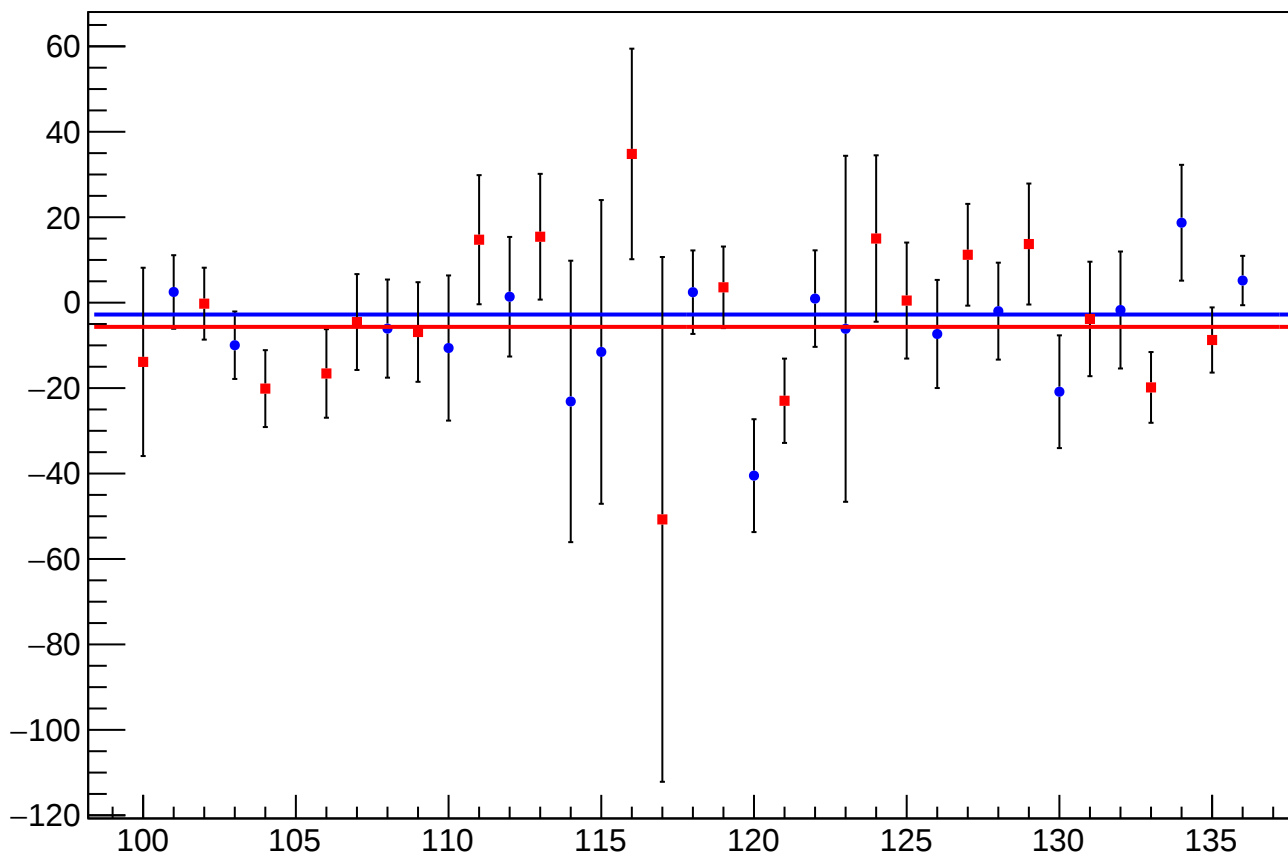
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12813.726+/-3.607 χ^2/NDF : 548127.6/16

13139.464+/-2.576 χ^2/NDF : 987911.9/35

13478.461+/-3.680 χ^2/NDF : 423143.3/18

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -2.778+/-2.747 χ^2/NDF : 17.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.669+/-2.647 χ^2/NDF : 23.7/18

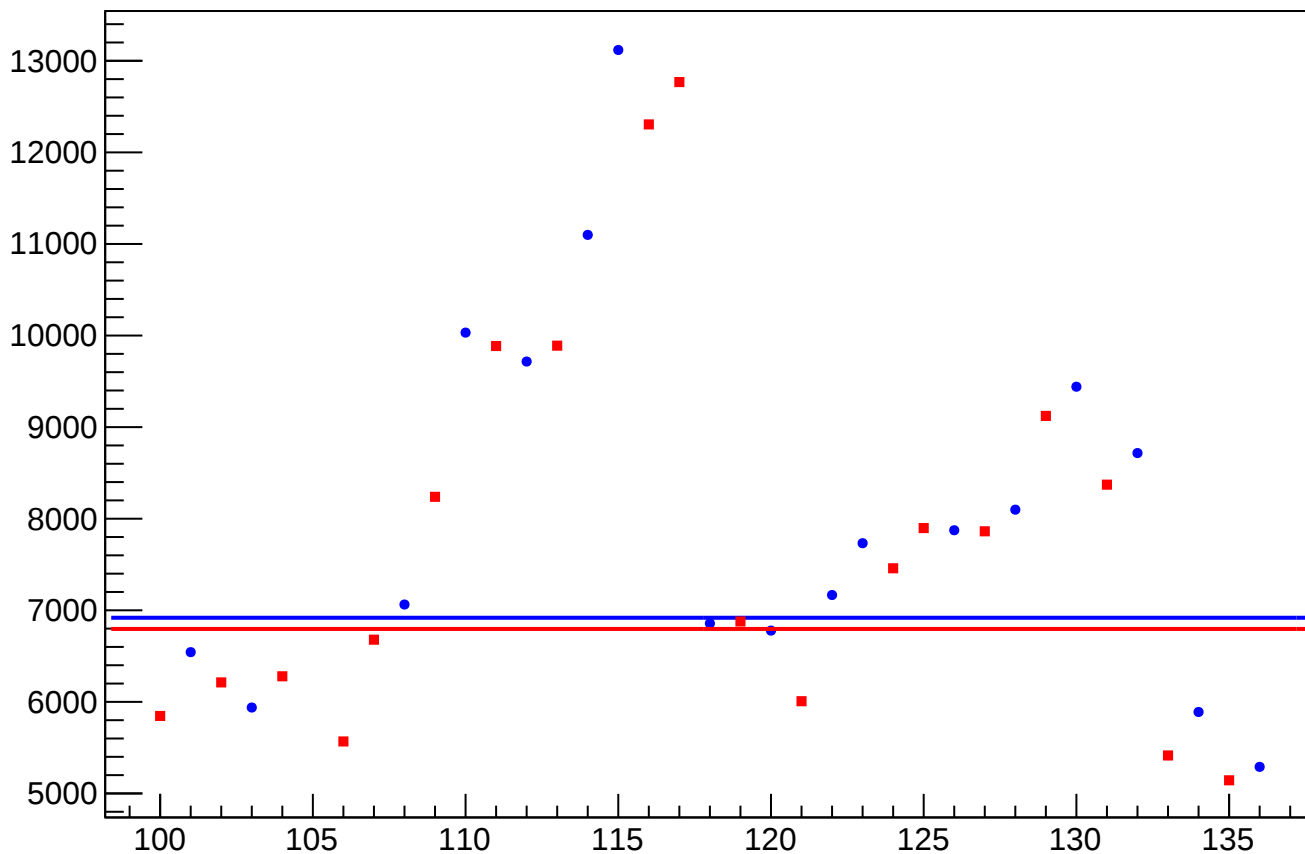
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.778+/-2.747 χ^2/NDF : 17.0/16

-4.277+/-1.906 χ^2/NDF : 41.3/35

-5.669+/-2.647 χ^2/NDF : 23.7/18

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 6918.554 $\pm$ 1.943 χ^2 /NDF: 587976.6/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6796.376 $\pm$ 1.872 χ^2 /NDF: 645188.7/18

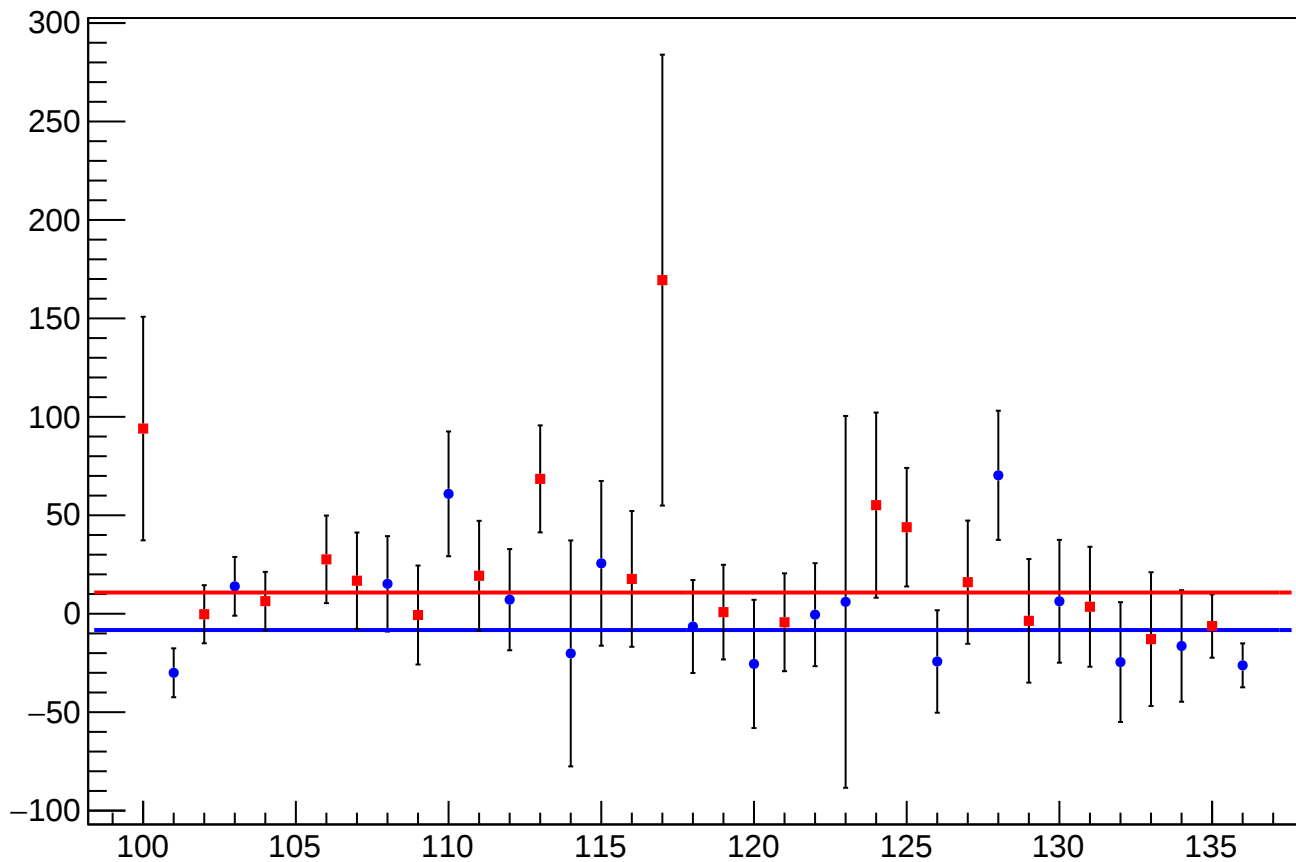
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6918.554 $\pm$ 1.943 χ^2 /NDF: 587976.6/16

6855.202 $\pm$ 1.348 χ^2 /NDF: 1235216.6/35

6796.376 $\pm$ 1.872 χ^2 /NDF: 645188.7/18

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -8.286 $\pm$ 5.410 χ^2 /NDF: 21.7/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.770 $\pm$ 5.677 χ^2 /NDF: 14.8/18

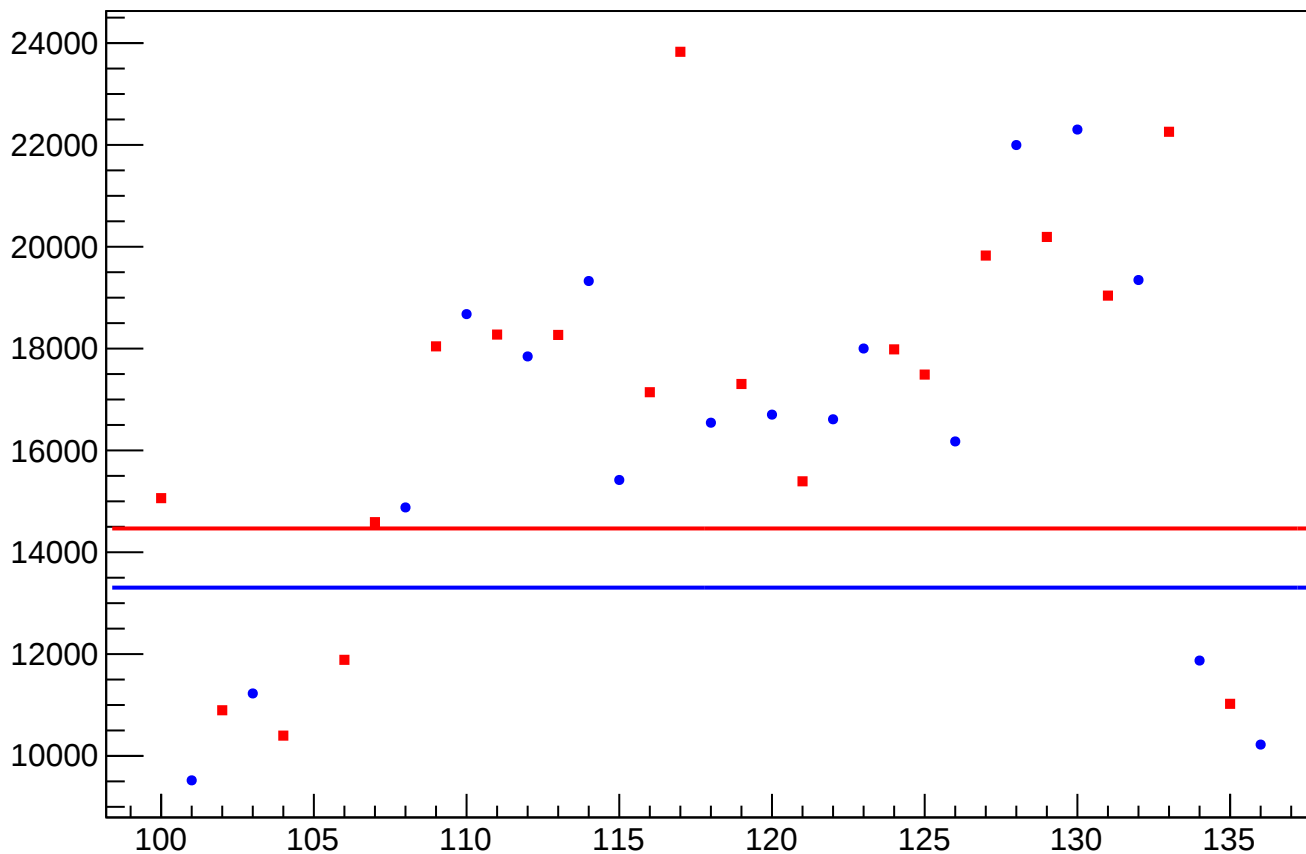
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-8.286 $\pm$ 5.410 χ^2 /NDF: 21.7/16

0.783 $\pm$ 3.917 χ^2 /NDF: 42.4/35

10.770 $\pm$ 5.677 χ^2 /NDF: 14.8/18

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 13305.410+/-3.826 χ^2/NDF : 1044091.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14467.190+/-4.014 χ^2/NDF : 866003.4/18

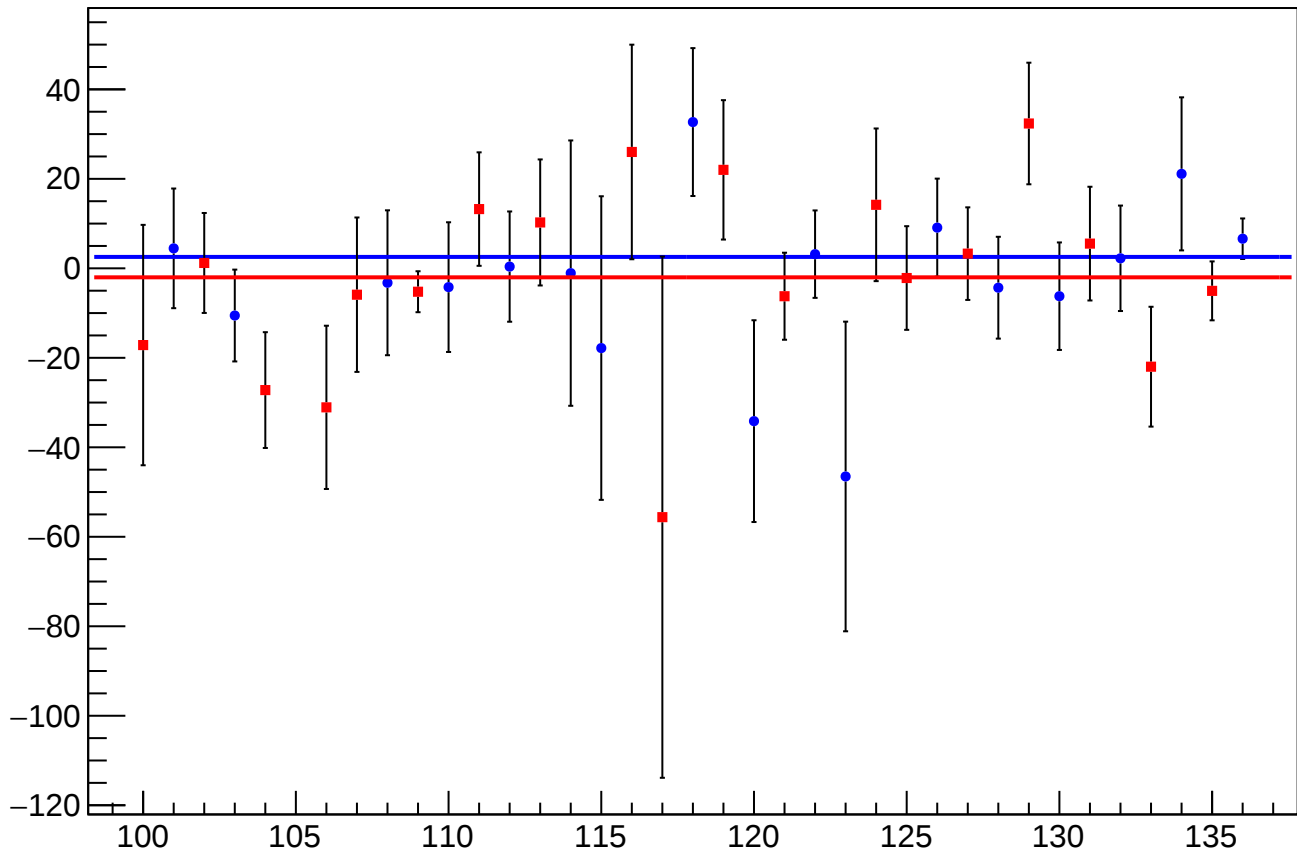
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13305.410+/-3.826 χ^2/NDF : 1044091.1/16

13858.322+/-2.769 χ^2/NDF : 1953987.3/3

14467.190+/-4.014 χ^2/NDF : 866003.4/18

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: 2.551+/-2.757 χ^2/NDF : 13.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.011+/-2.516 χ^2/NDF : 24.6/18

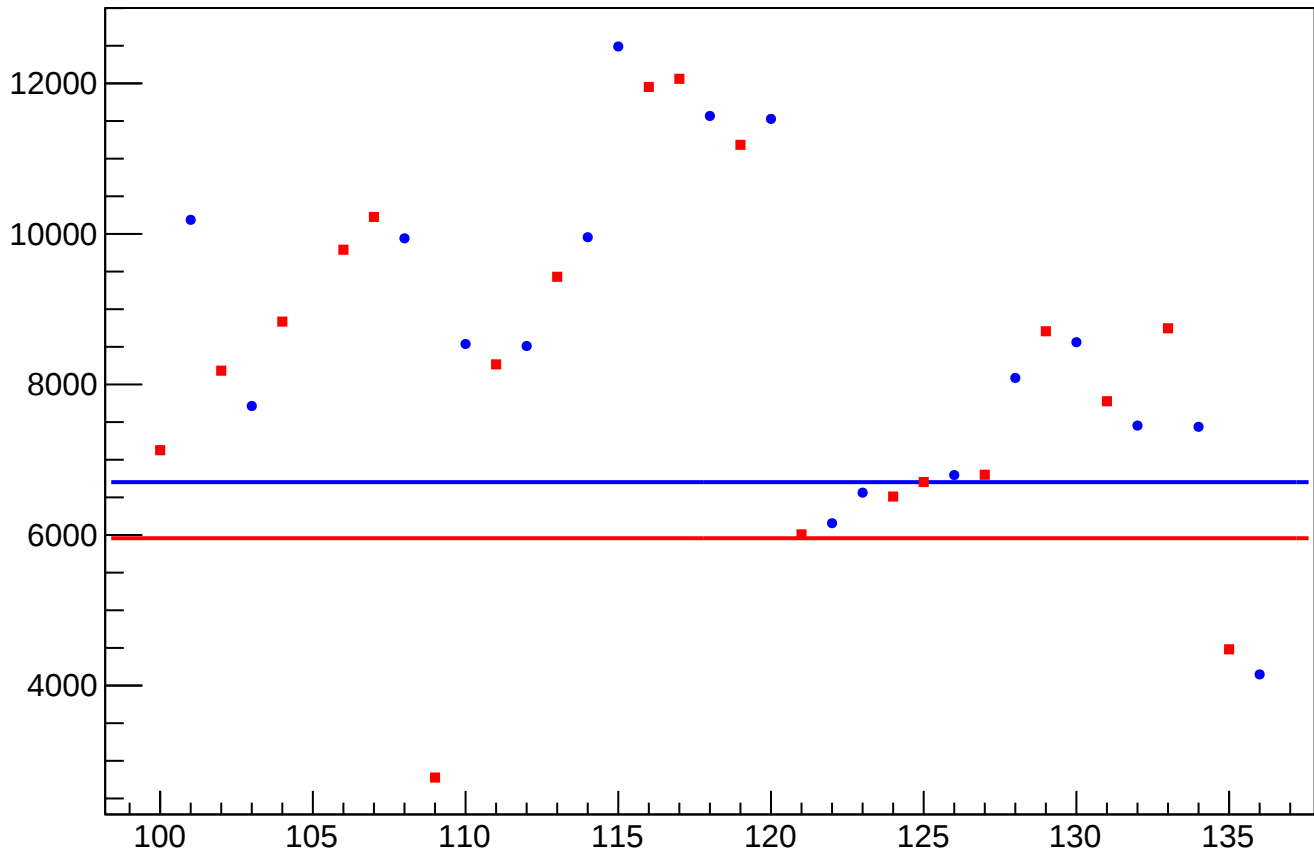
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.551+/-2.757 χ^2/NDF : 13.6/16

0.062+/-1.859 χ^2/NDF : 39.7/35

-2.011+/-2.516 χ^2/NDF : 24.6/18

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 6702.245 $\pm$ 1.949 χ^2 /NDF: 1389956.8/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5957.055 $\pm$ 1.779 χ^2 /NDF: 2251792.1/18

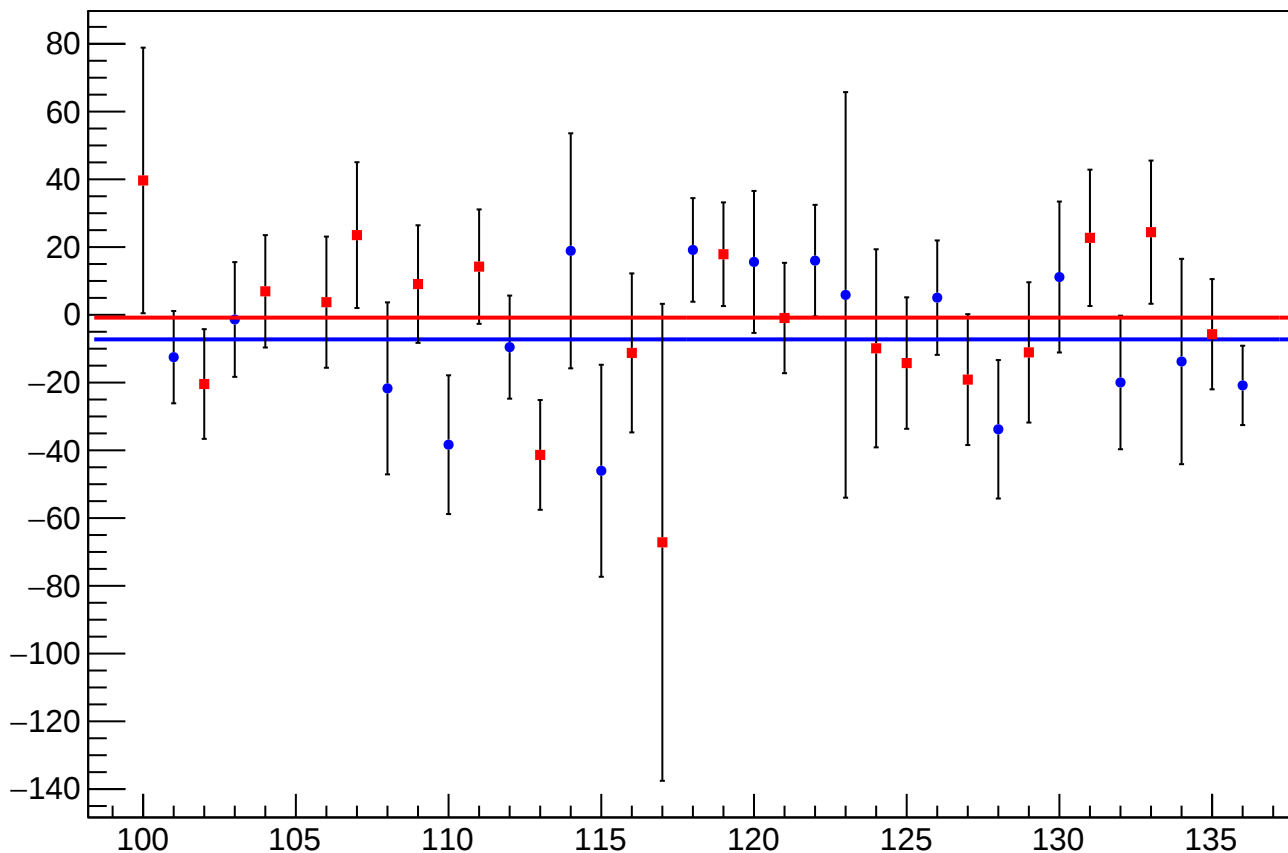
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6702.245 $\pm$ 1.949 χ^2 /NDF: 1389956.8/16

6295.741 $\pm$ 1.314 χ^2 /NDF: 3721466.2/35

5957.055 $\pm$ 1.779 χ^2 /NDF: 2251792.1/18

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -7.245+/-4.547 χ^2/NDF : 15.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.823+/-4.431 χ^2/NDF : 18.6/18

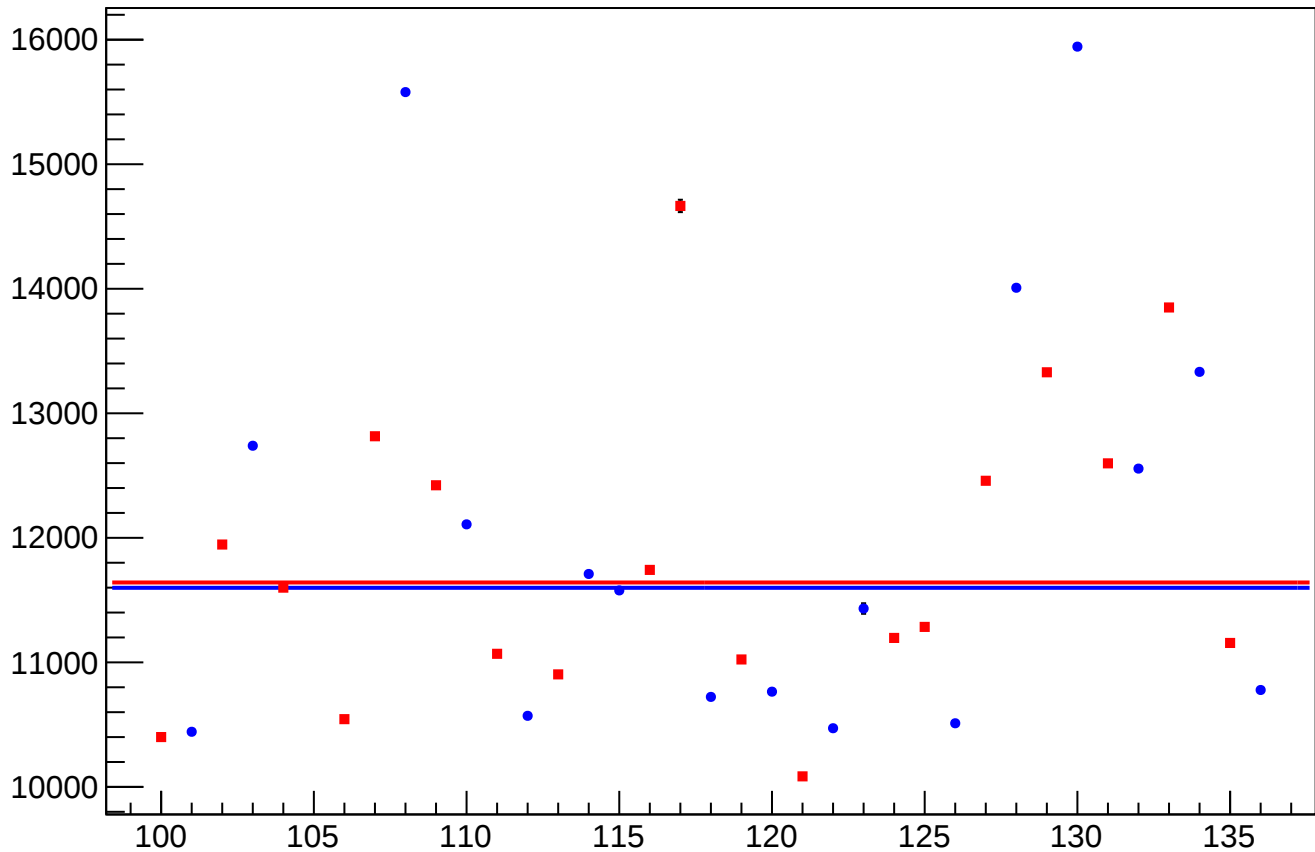
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-7.245+/-4.547 χ^2/NDF : 15.9/16

-3.951+/-3.173 χ^2/NDF : 35.6/35

-0.823+/-4.431 χ^2/NDF : 18.6/18

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11598.751+/-3.215 χ^2/NDF : 235423.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11641.453+/-3.133 χ^2/NDF : 96988.7/18

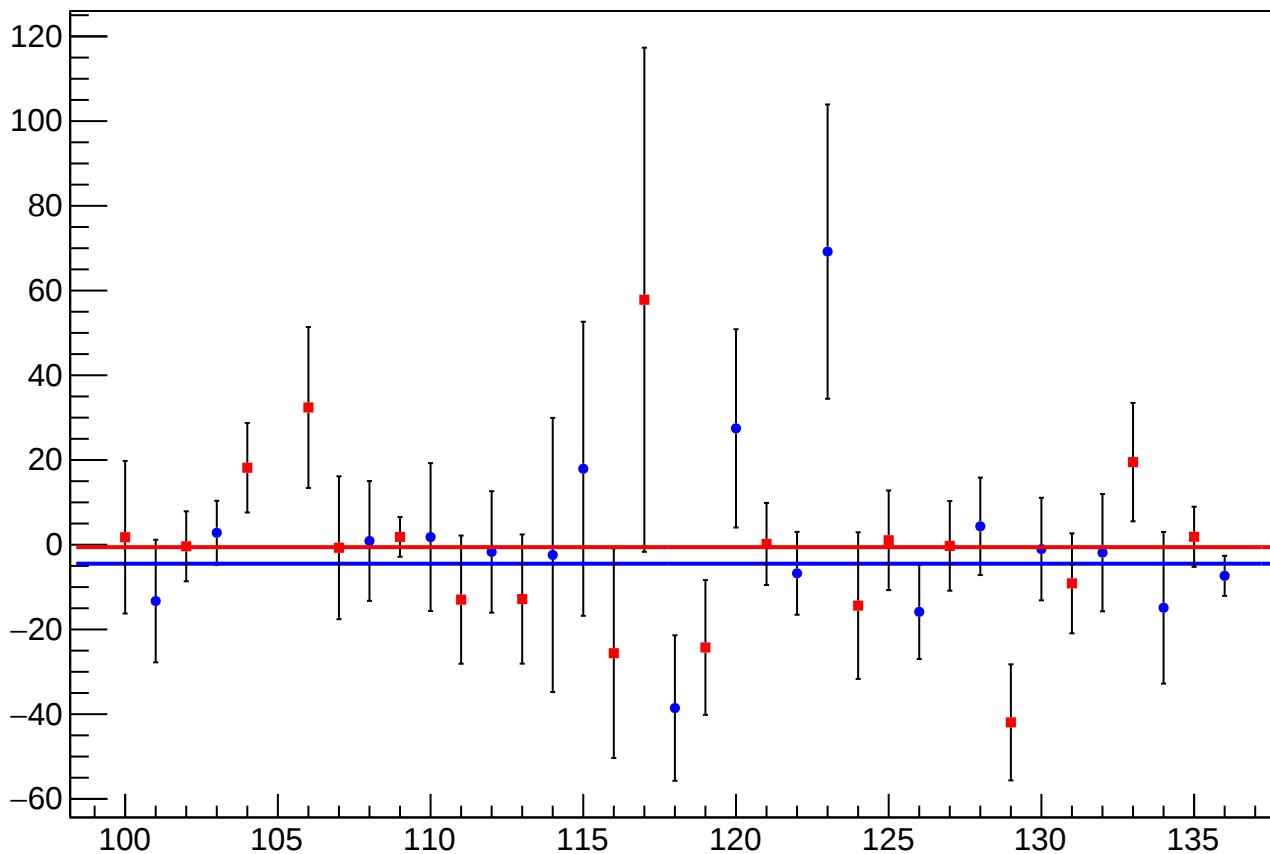
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11598.751+/-3.215 χ^2/NDF : 235423.8/16

11620.654+/-2.244 χ^2/NDF : 332503.0/35

11641.453+/-3.133 χ^2/NDF : 96988.7/18

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -4.476+/-2.782 χ^2 /NDF: 14.8/16

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.569+/-2.495 χ^2 /NDF: 24.4/18

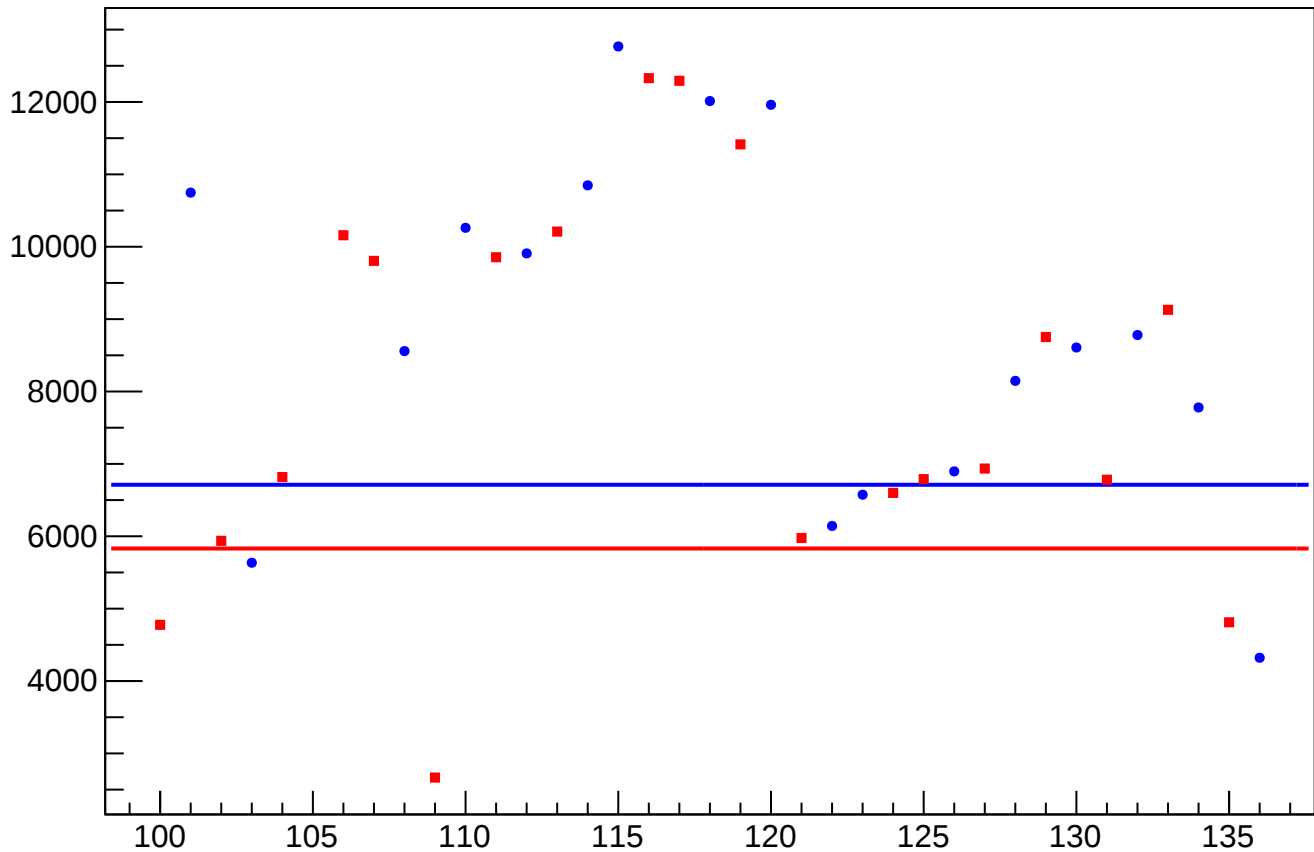
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-4.476+/-2.782 χ^2 /NDF: 14.8/16

-2.311+/-1.857 χ^2 /NDF: 40.4/35

-0.569+/-2.495 χ^2 /NDF: 24.4/18

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 6711.550+/-1.967 χ^2/NDF : 1446972.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5830.749+/-1.764 χ^2/NDF : 2161169.7/18

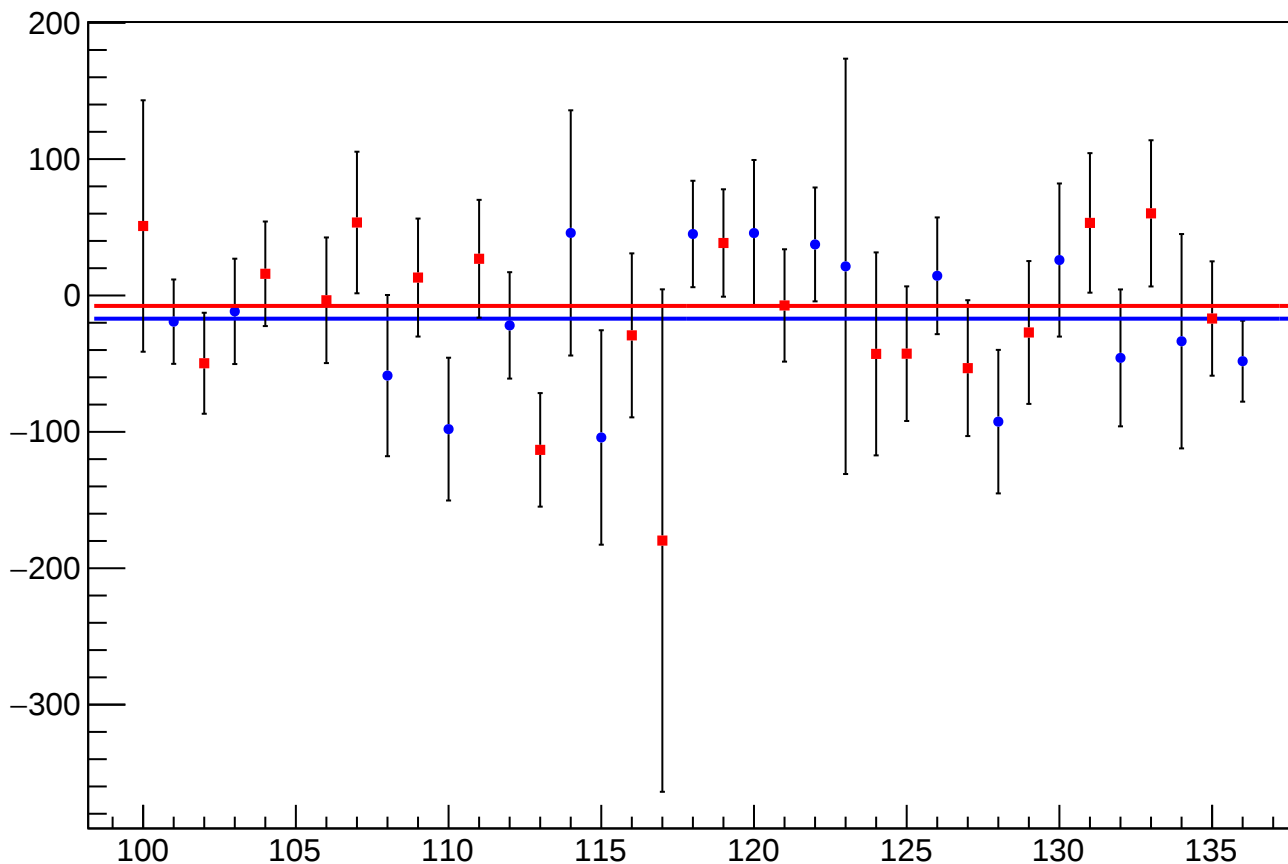
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6711.550+/-1.967 χ^2/NDF : 1446972.0/16

6223.365+/-1.313 χ^2/NDF : 3719282.7/35

5830.749+/-1.764 χ^2/NDF : 2161169.7/18

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -17.010 $\pm$ 11.287 χ^2 /NDF: 15.0/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -7.657 $\pm$ 11.032 χ^2 /NDF: 17.9/18

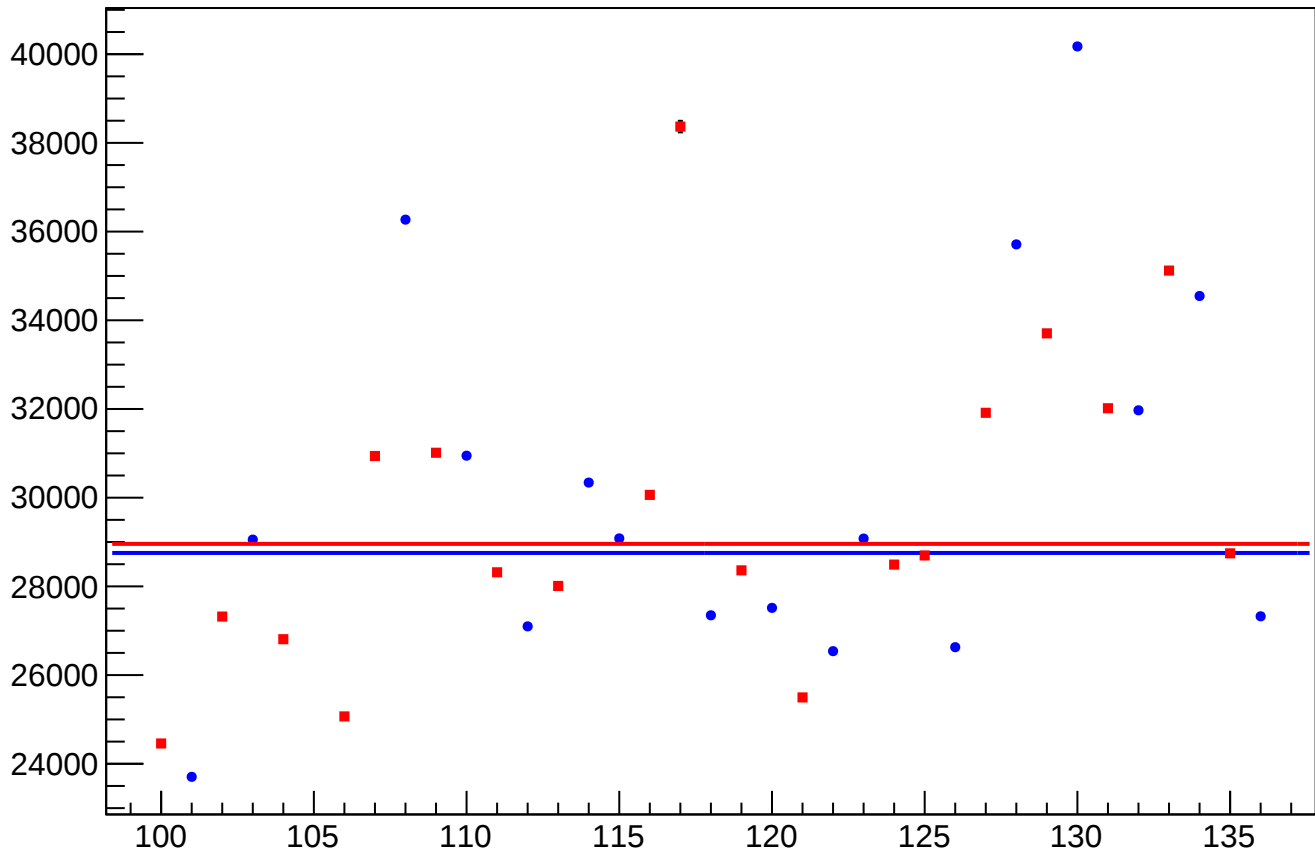
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-17.010 $\pm$ 11.287 χ^2 /NDF: 15.0/16

-12.227 $\pm$ 7.890 χ^2 /NDF: 33.2/35

-7.657 $\pm$ 11.032 χ^2 /NDF: 17.9/18

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 28753.787+/-7.981 χ^2/NDF : 249215.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28958.680+/-7.801 χ^2/NDF : 115876.1/18

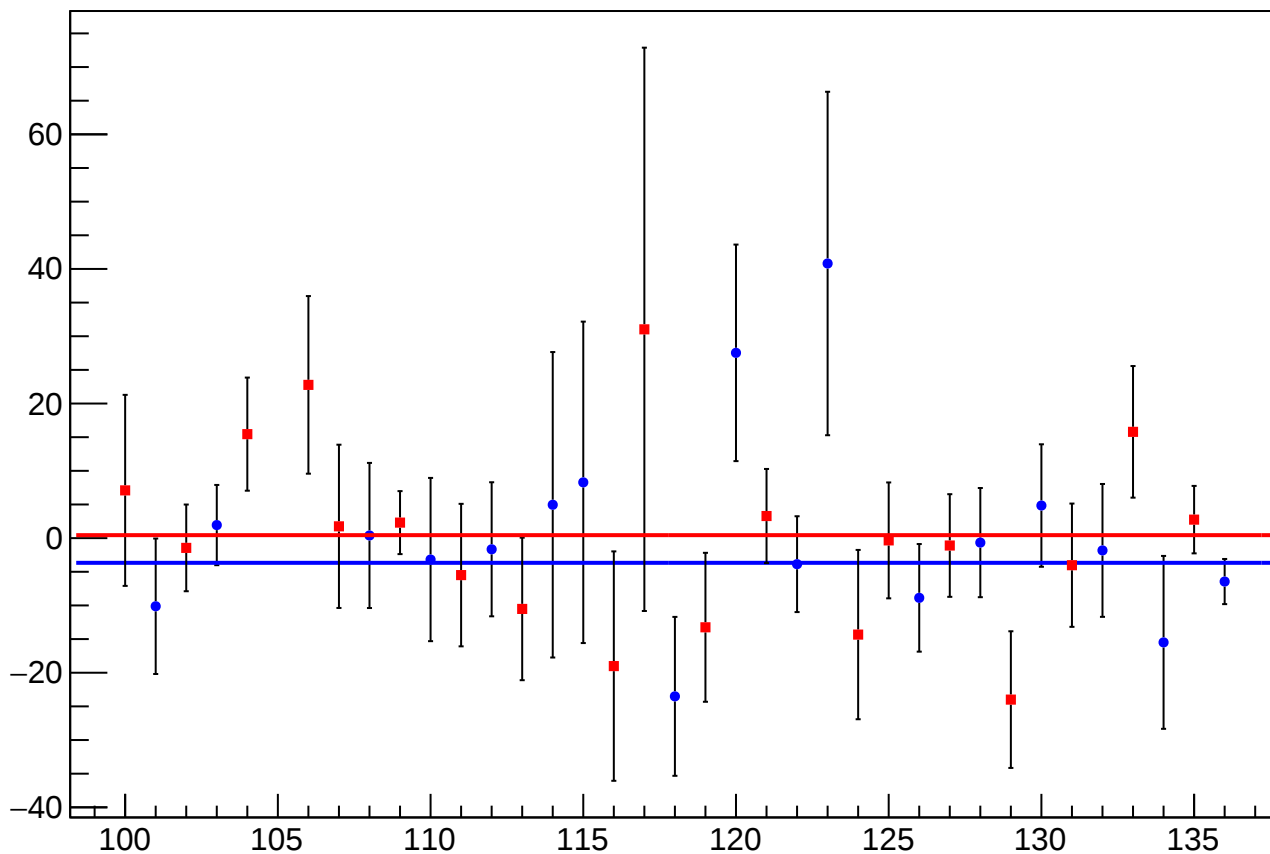
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

28753.787+/-7.981 χ^2/NDF : 249215.1/16

28858.572+/-5.579 χ^2/NDF : 365428.3/35

28958.680+/-7.801 χ^2/NDF : 115876.1/18

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -3.668+/-2.010 χ^2/NDF : 14.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.443+/-1.958 χ^2/NDF : 21.6/18

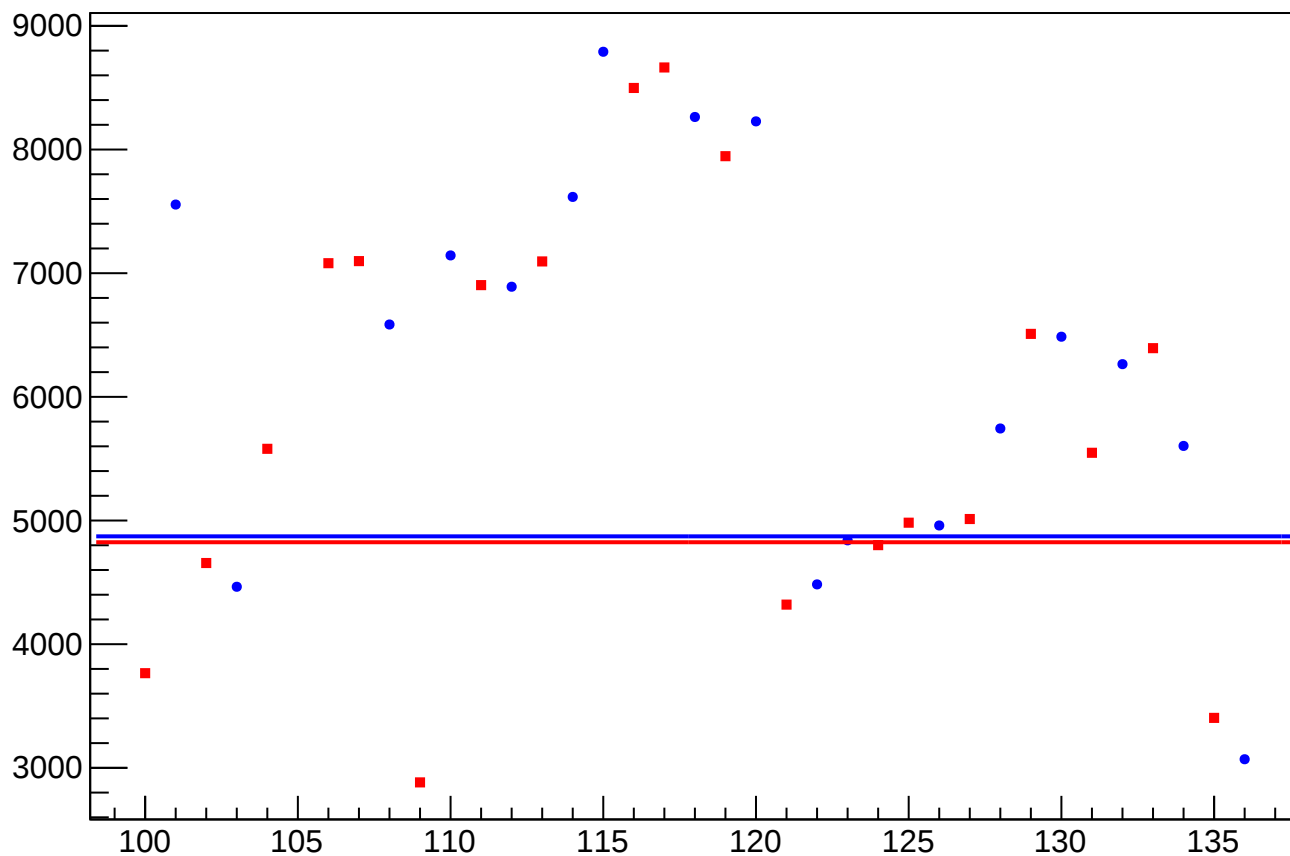
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.668+/-2.010 χ^2/NDF : 14.5/16

-1.559+/-1.403 χ^2/NDF : 38.2/35

0.443+/-1.958 χ^2/NDF : 21.6/18

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 4872.105 $\pm$ 1.421 χ^2 /NDF: 1405253.2/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4824.417 $\pm$ 1.385 χ^2 /NDF: 1231750.7/18

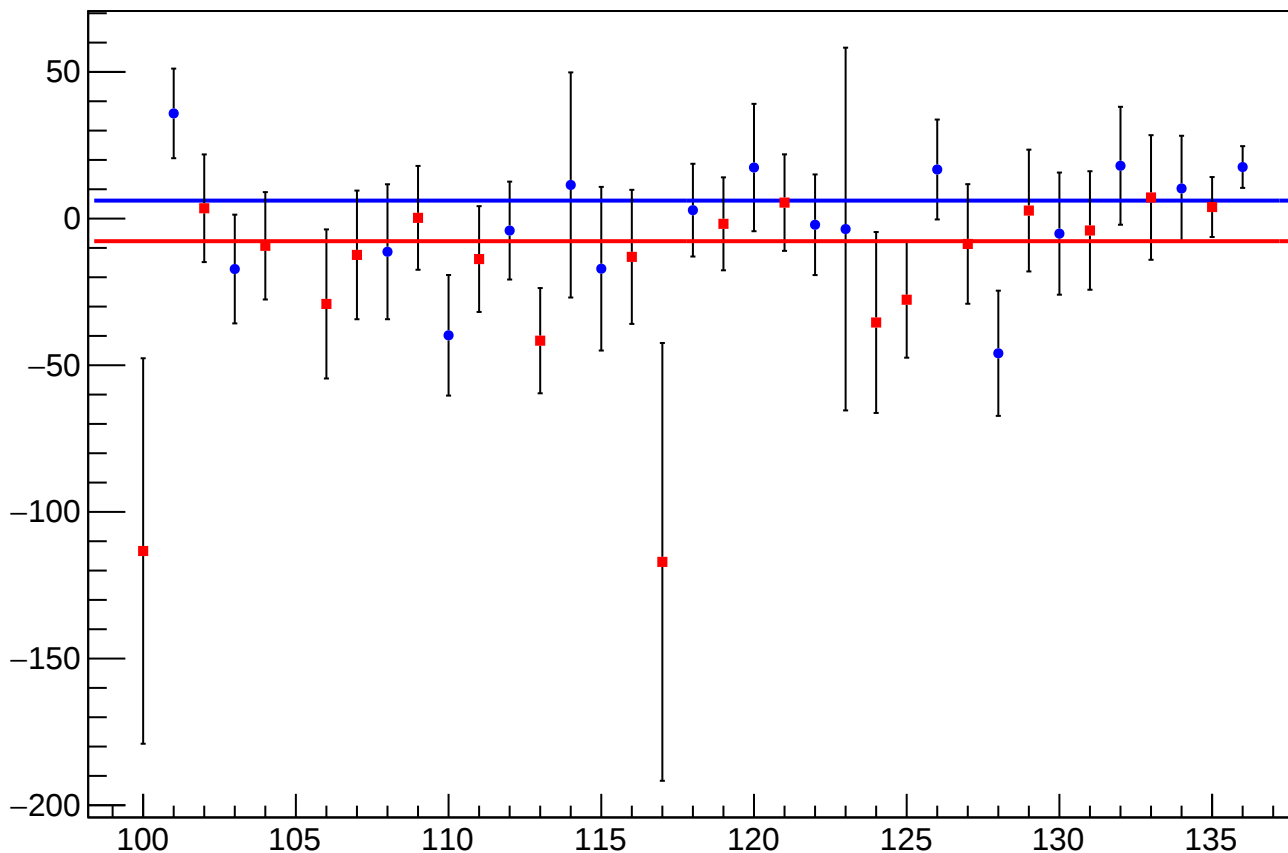
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

4872.105 $\pm$ 1.421 χ^2 /NDF: 1405253.2/16

4847.642 $\pm$ 0.992 χ^2 /NDF: 2637581.5/35

4824.417 $\pm$ 1.385 χ^2 /NDF: 1231750.7/18

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 6.133+/-4.080 χ^2/NDF : 22.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.704+/-4.405 χ^2/NDF : 14.5/18

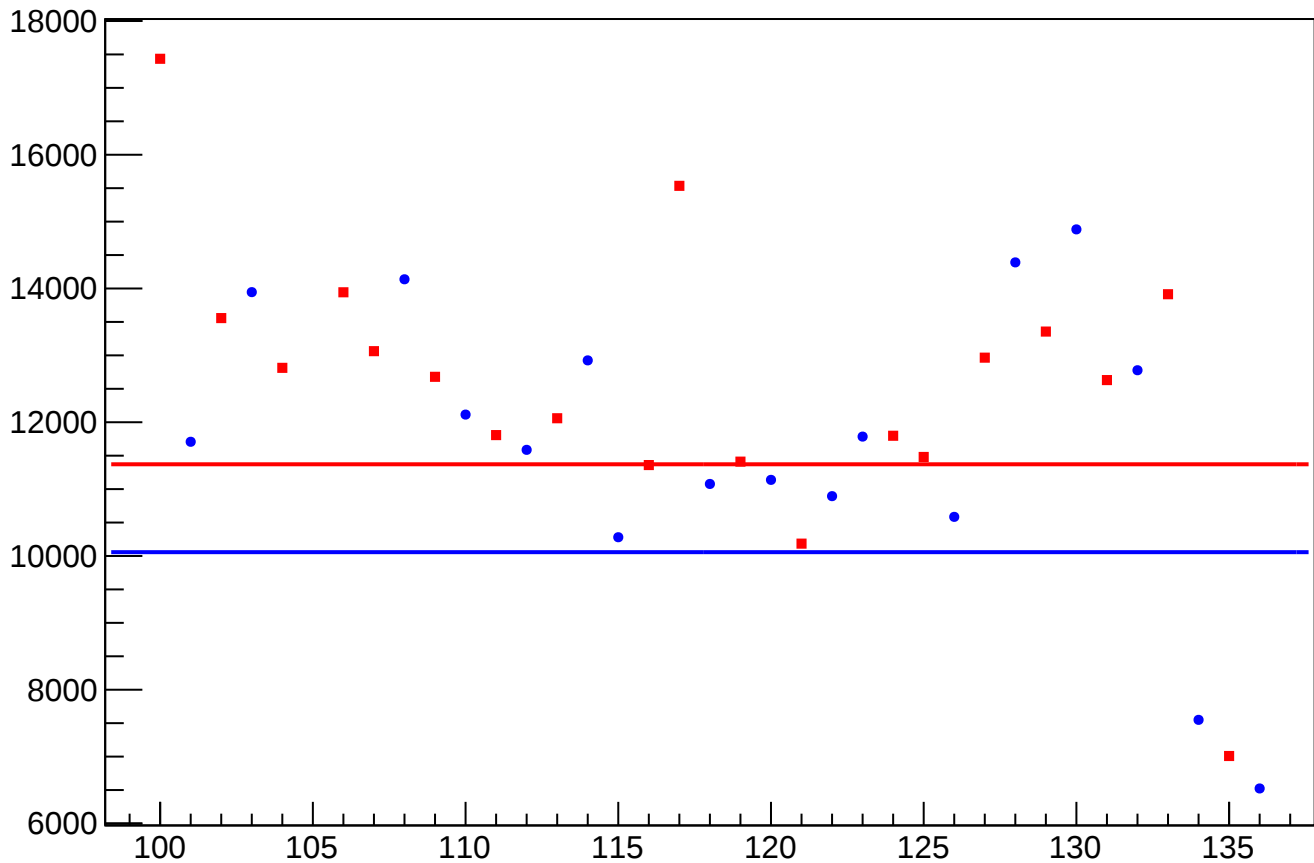
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.133+/-4.080 χ^2/NDF : 22.2/16

-0.256+/-2.993 χ^2/NDF : 42.0/35

-7.704+/-4.405 χ^2/NDF : 14.5/18

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 10056.991+/-2.885 χ^2/NDF : 1002872.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11371.276+/-3.115 χ^2/NDF : 553454.9/18

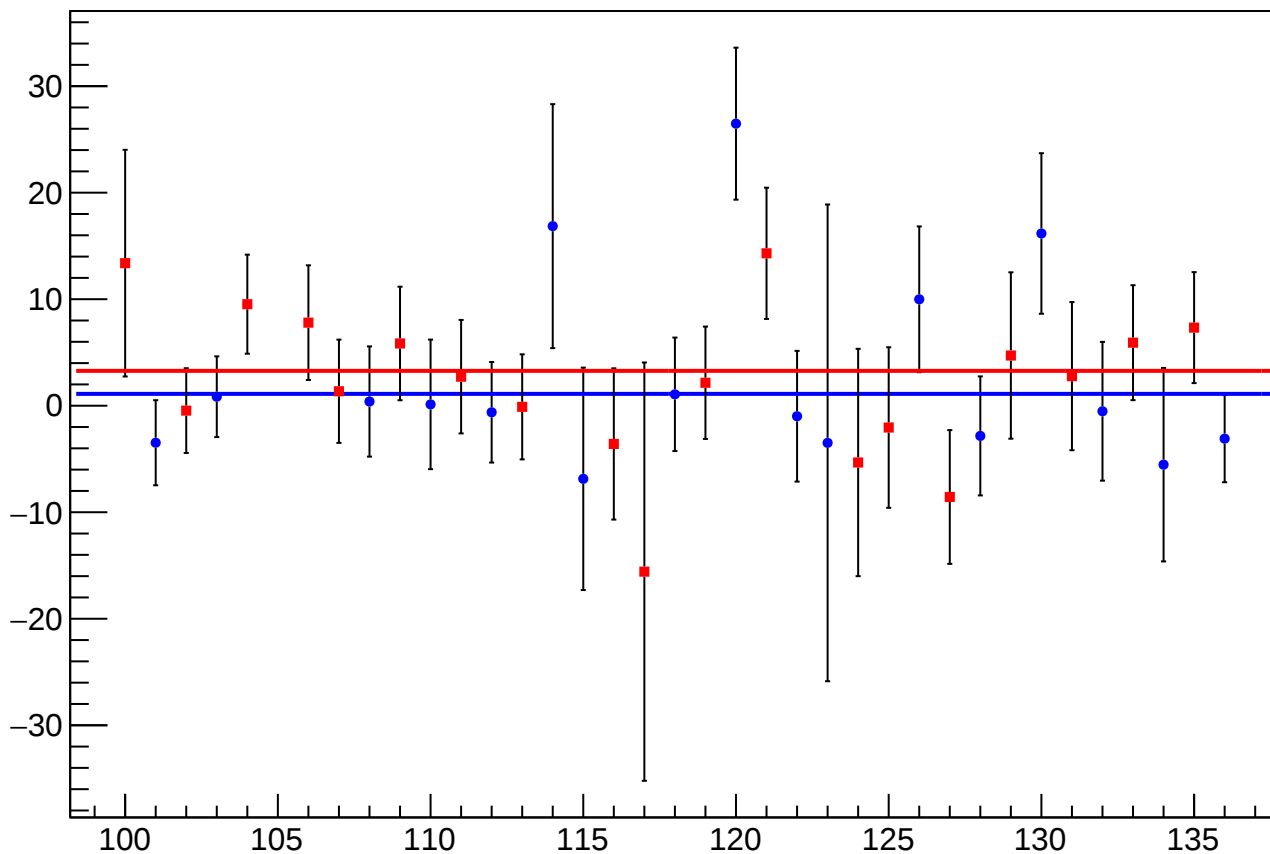
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10056.991+/-2.885 χ^2/NDF : 1002872.6/16

10663.853+/-2.117 χ^2/NDF : 1652145.5/3

11371.276+/-3.115 χ^2/NDF : 553454.9/18

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 1.112 $\pm$ 1.403 χ^2 /NDF: 24.6/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.272 $\pm$ 1.346 χ^2 /NDF: 15.9/18

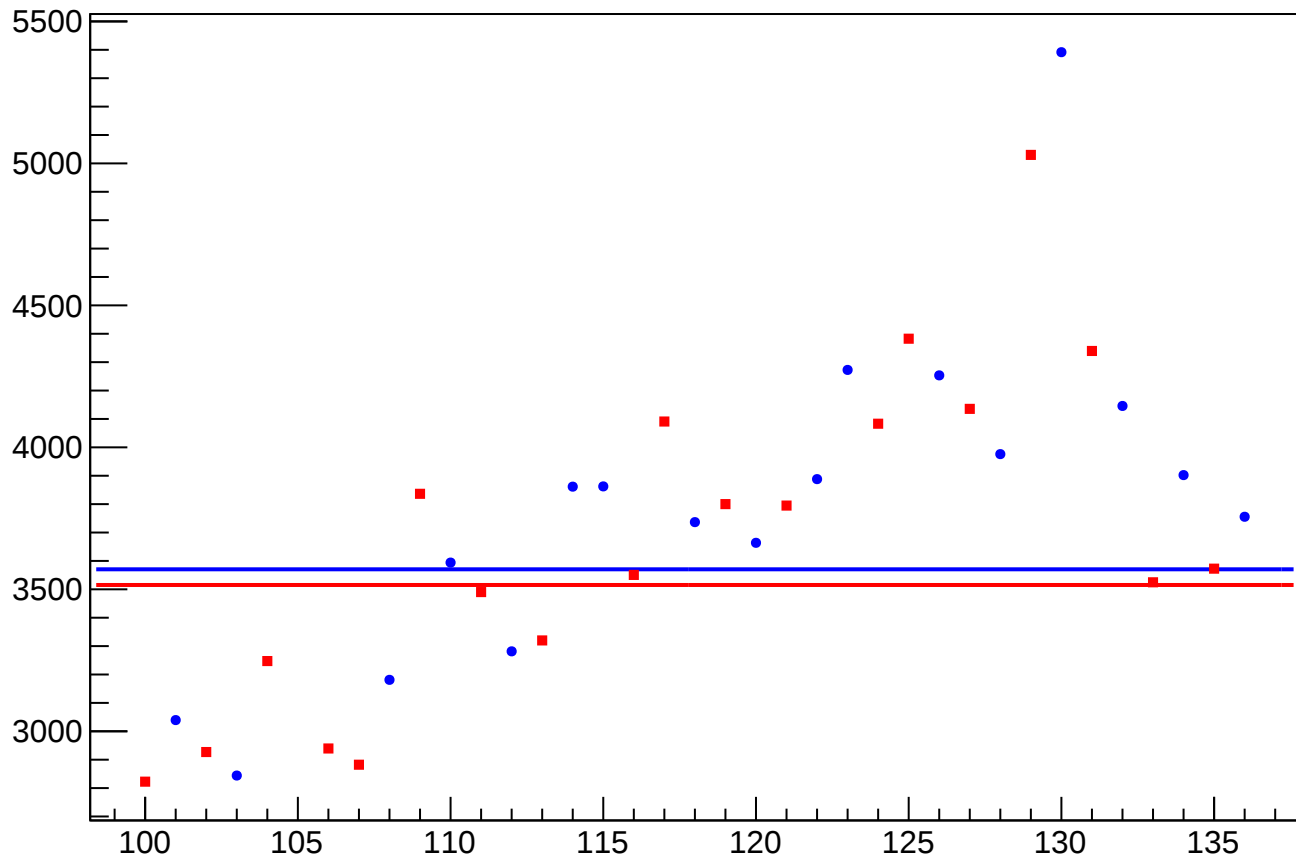
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

1.112 $\pm$ 1.403 χ^2 /NDF: 24.6/16

2.237 $\pm$ 0.971 χ^2 /NDF: 41.7/35

3.272 $\pm$ 1.346 χ^2 /NDF: 15.9/18

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3570.481 ± 0.992 χ^2/NDF : 309699.2/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 3515.279 ± 0.952 χ^2/NDF : 293243.5/18

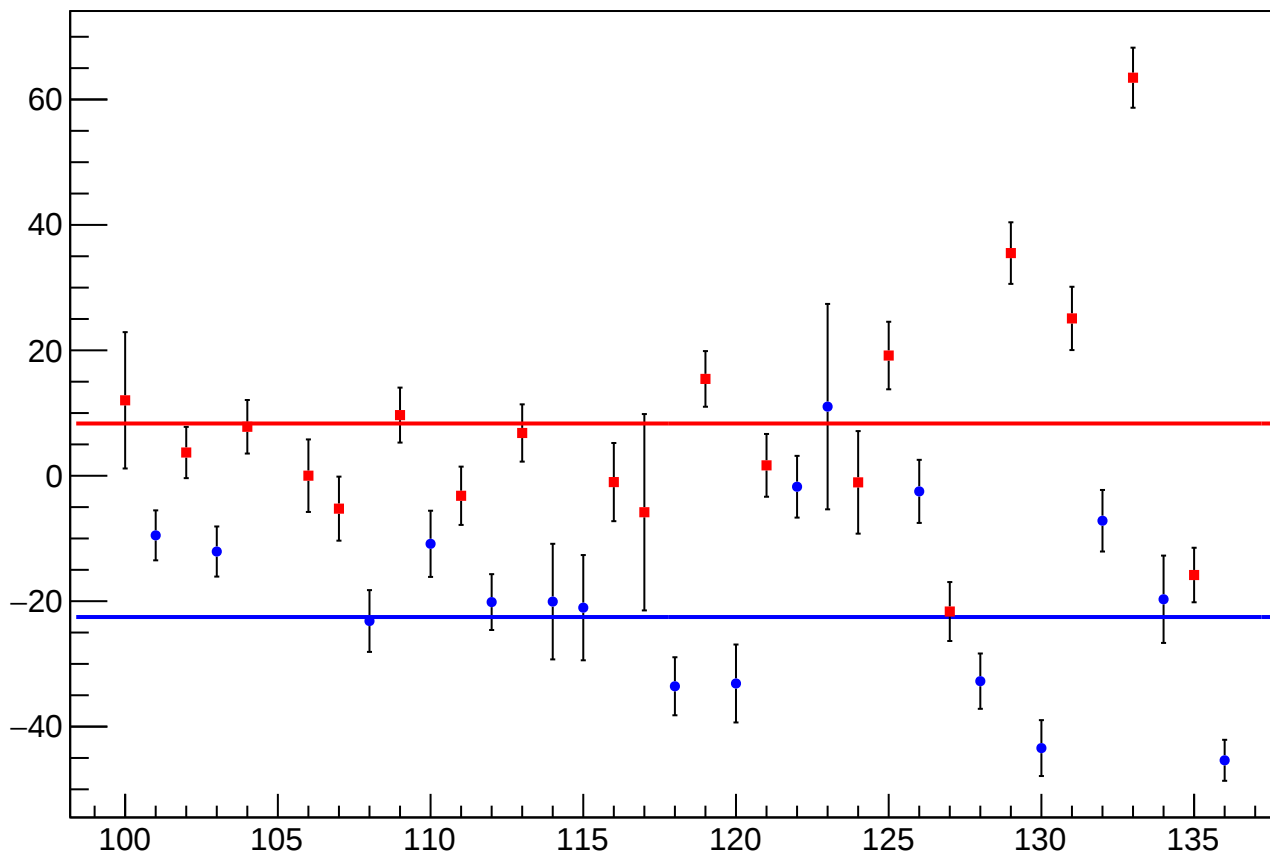
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

3570.481 ± 0.992 χ^2/NDF : 309699.2/16

3541.746 ± 0.687 χ^2/NDF : 604554.9/35

3515.279 ± 0.952 χ^2/NDF : 293243.5/18

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -22.526+/-1.201 χ^2/NDF : 155.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.334+/-1.170 χ^2/NDF : 275.4/18

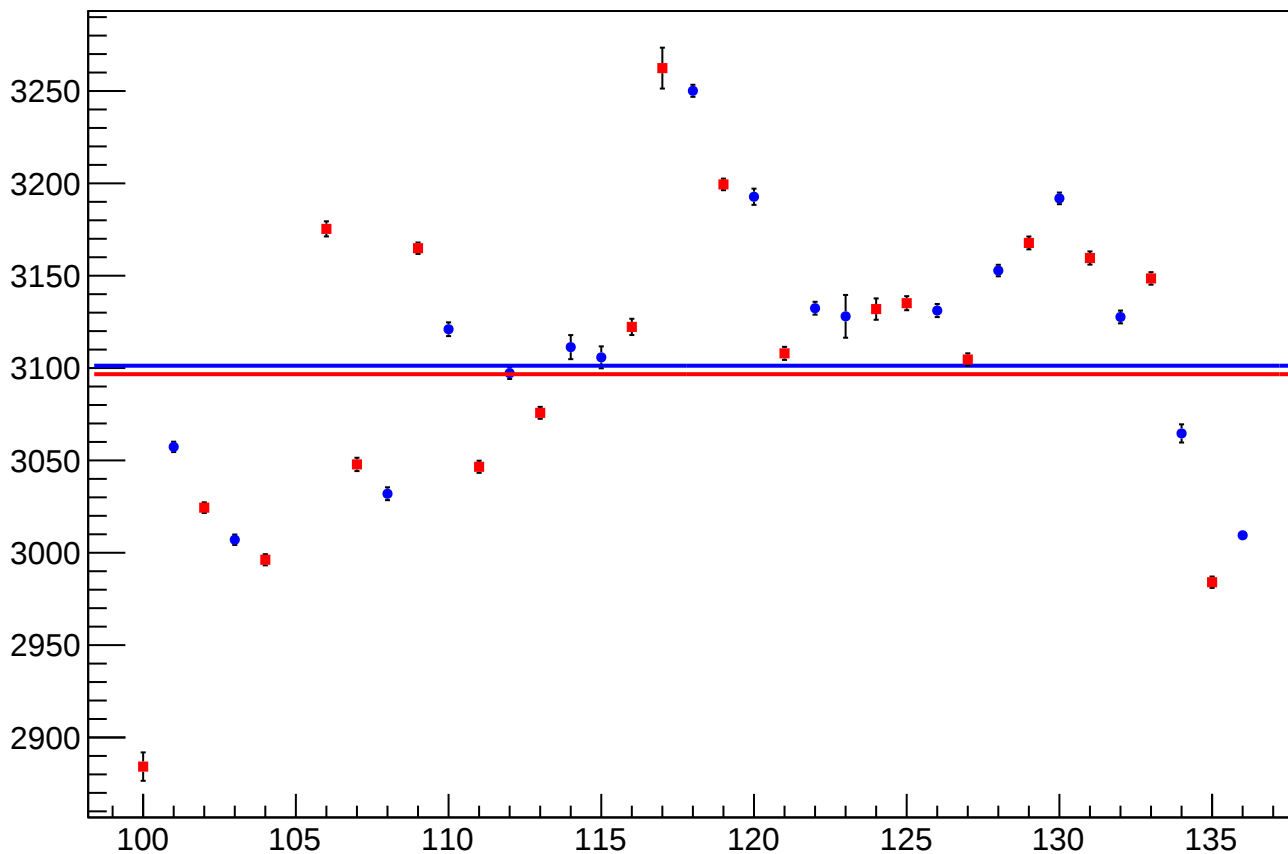
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-22.526+/-1.201 χ^2/NDF : 155.5/16

-6.702+/-0.838 χ^2/NDF : 769.7/35

8.334+/-1.170 χ^2/NDF : 275.4/18

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3101.270+/-0.849 χ^2/NDF : 7233.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3096.678+/-0.827 χ^2/NDF : 7600.4/18

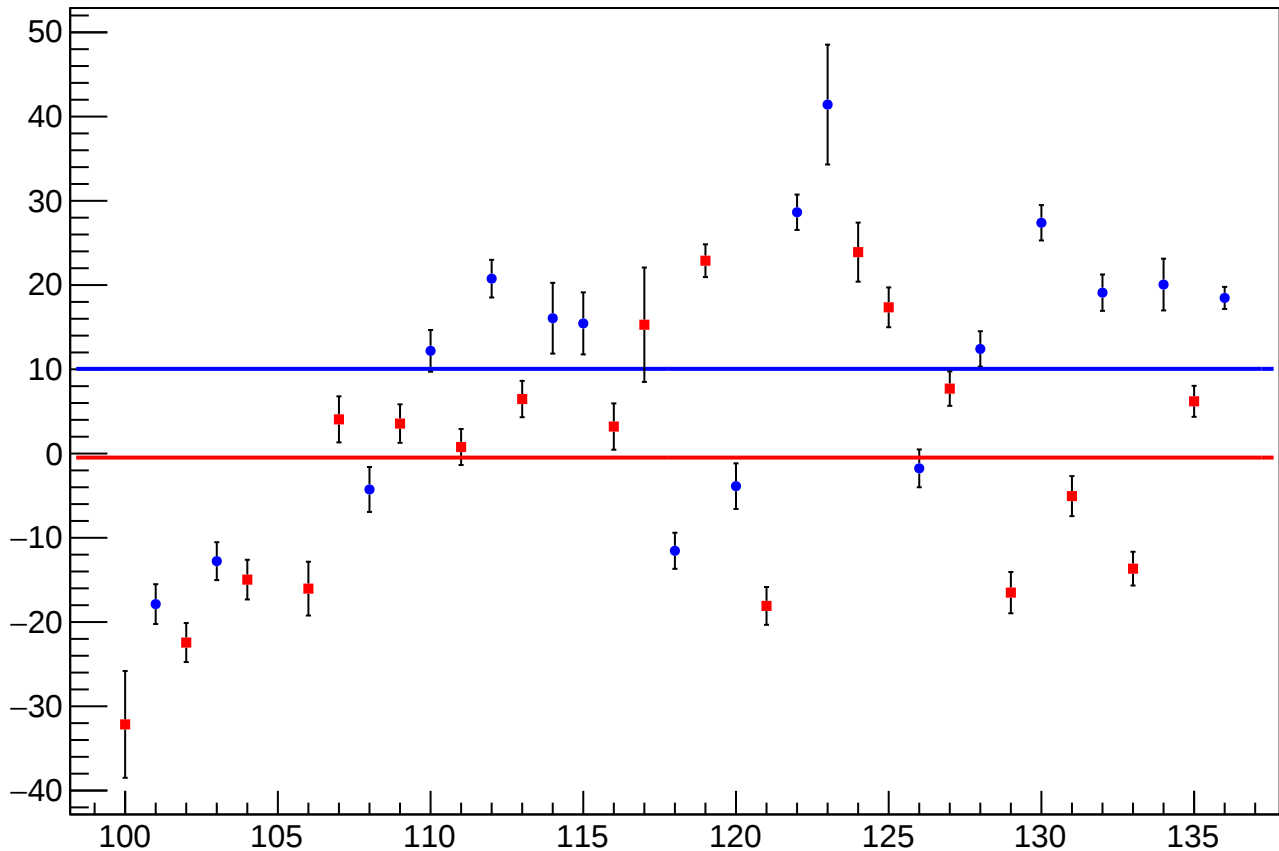
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3101.270+/-0.849 χ^2/NDF : 7233.8/16

3098.916+/-0.593 χ^2/NDF : 14849.1/35

3096.678+/-0.827 χ^2/NDF : 7600.4/18

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 10.055+/-0.562 χ^2/NDF : 692.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.479+/-0.554 χ^2/NDF : 630.6/18

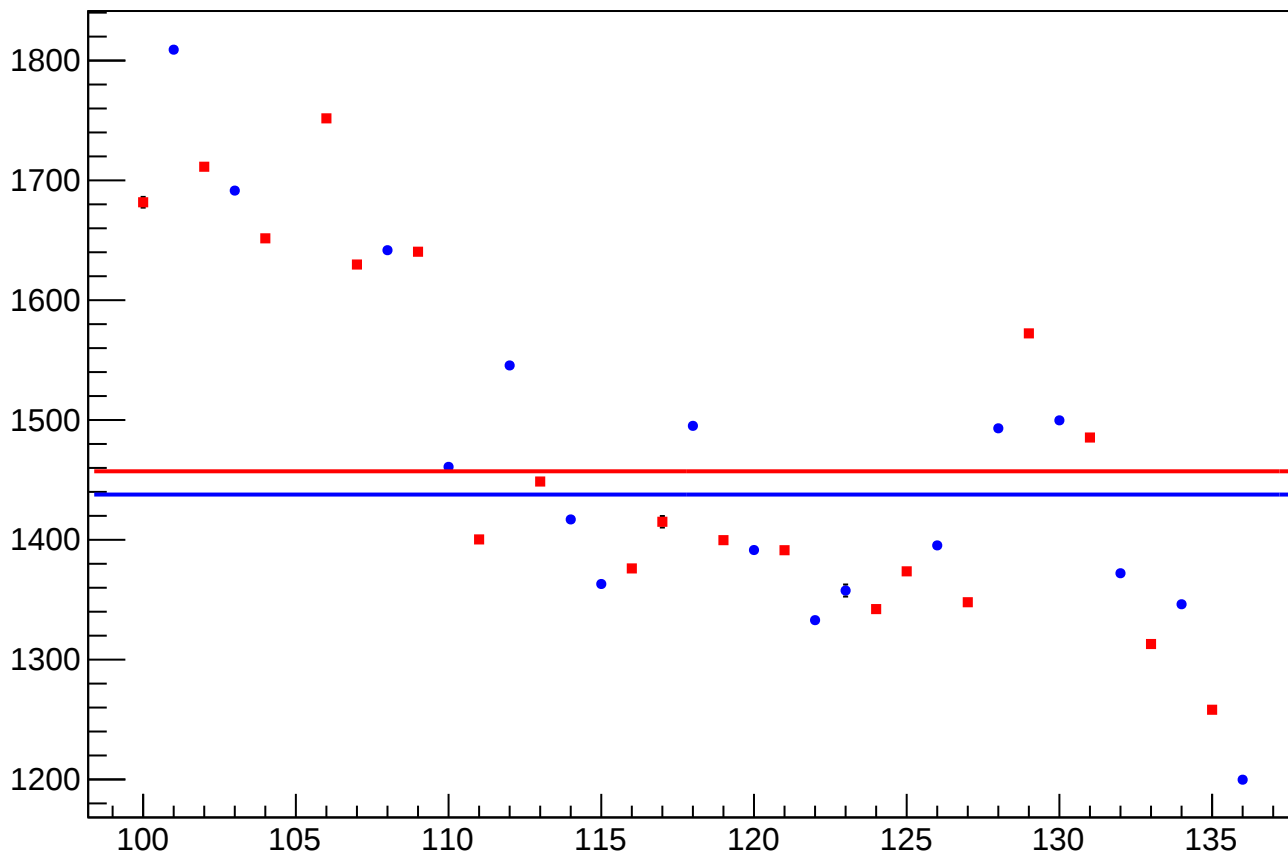
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.055+/-0.562 χ^2/NDF : 692.2/16

4.719+/-0.395 χ^2/NDF : 1501.0/35

-0.479+/-0.554 χ^2/NDF : 630.6/18

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1437.776 $\pm$ 0.397 χ^2 /NDF: 173216.2/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1457.189 $\pm$ 0.392 χ^2 /NDF: 133739.8/18

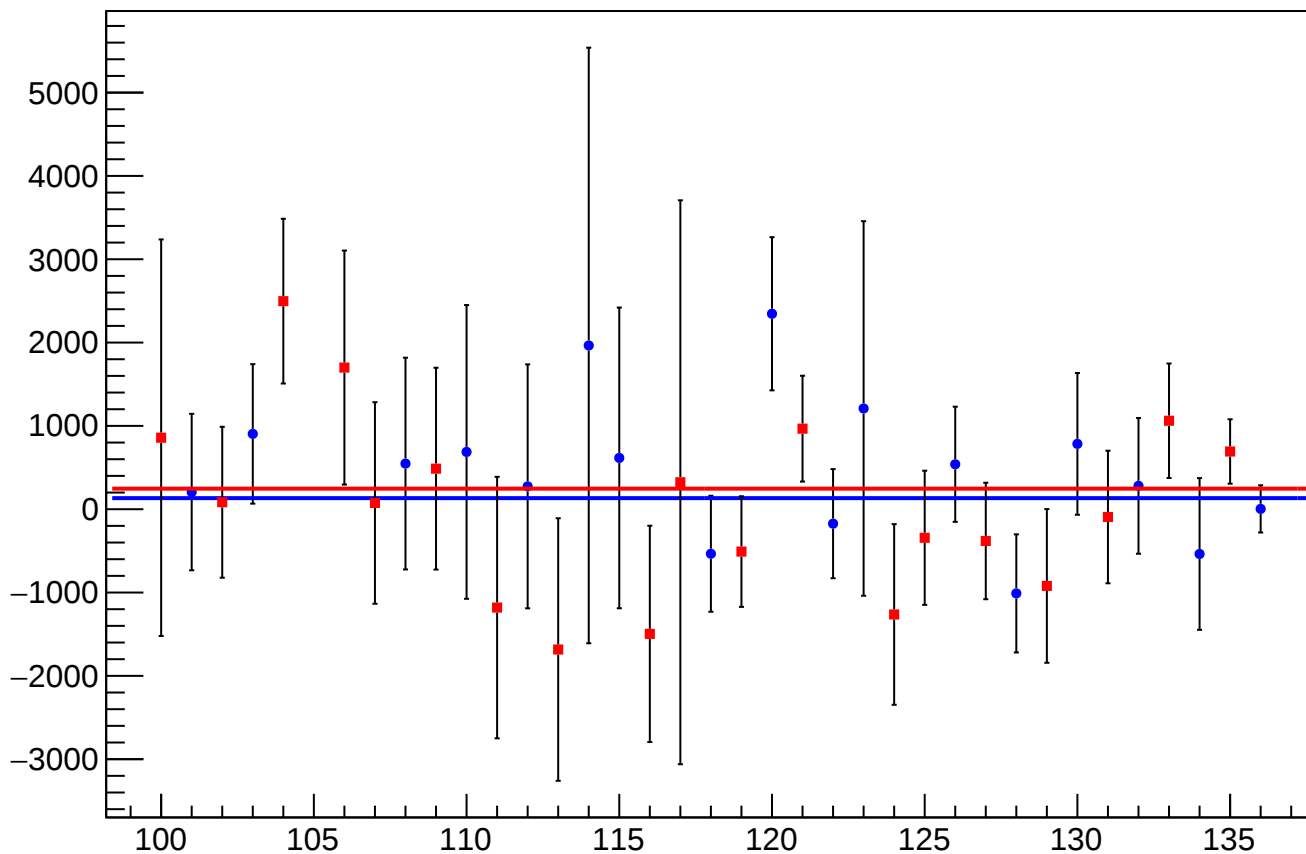
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1437.776 $\pm$ 0.397 χ^2 /NDF: 173216.2/16

1447.610 $\pm$ 0.279 χ^2 /NDF: 308166.3/35

1457.189 $\pm$ 0.392 χ^2 /NDF: 133739.8/18

asym_sam1_mean vs Slug, Sign Corrected



Right In: 132.921+/-180.271 χ^2/NDF : 12.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 246.900+/-194.104 χ^2/NDF : 20.9/18

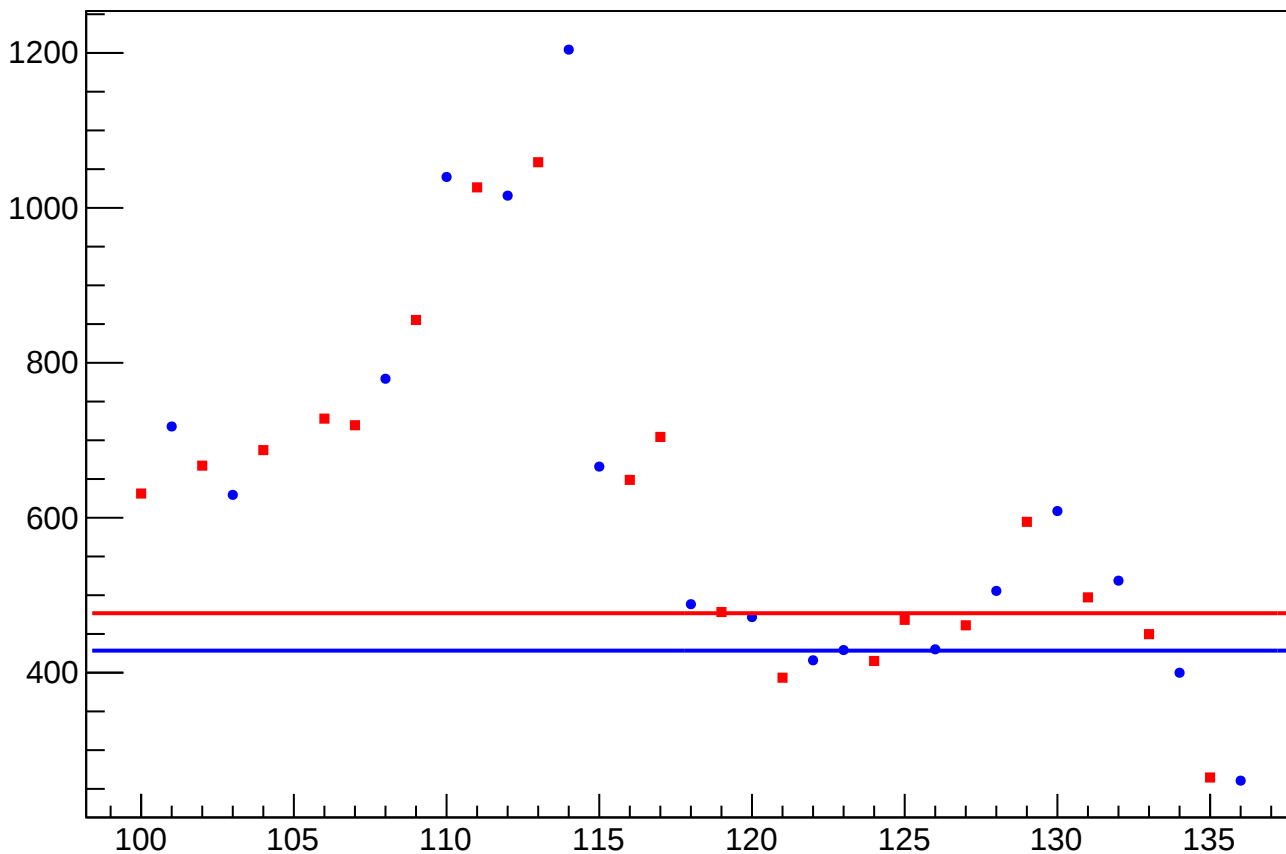
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

132.921+/-180.271 χ^2/NDF : 12.9/16

185.705+/-132.091 χ^2/NDF : 34.0/35

246.900+/-194.104 χ^2/NDF : 20.9/18

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.460+/-0.127 χ^2/NDF : 2011453.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 476.761+/-0.137 χ^2/NDF : 1771721.5/18

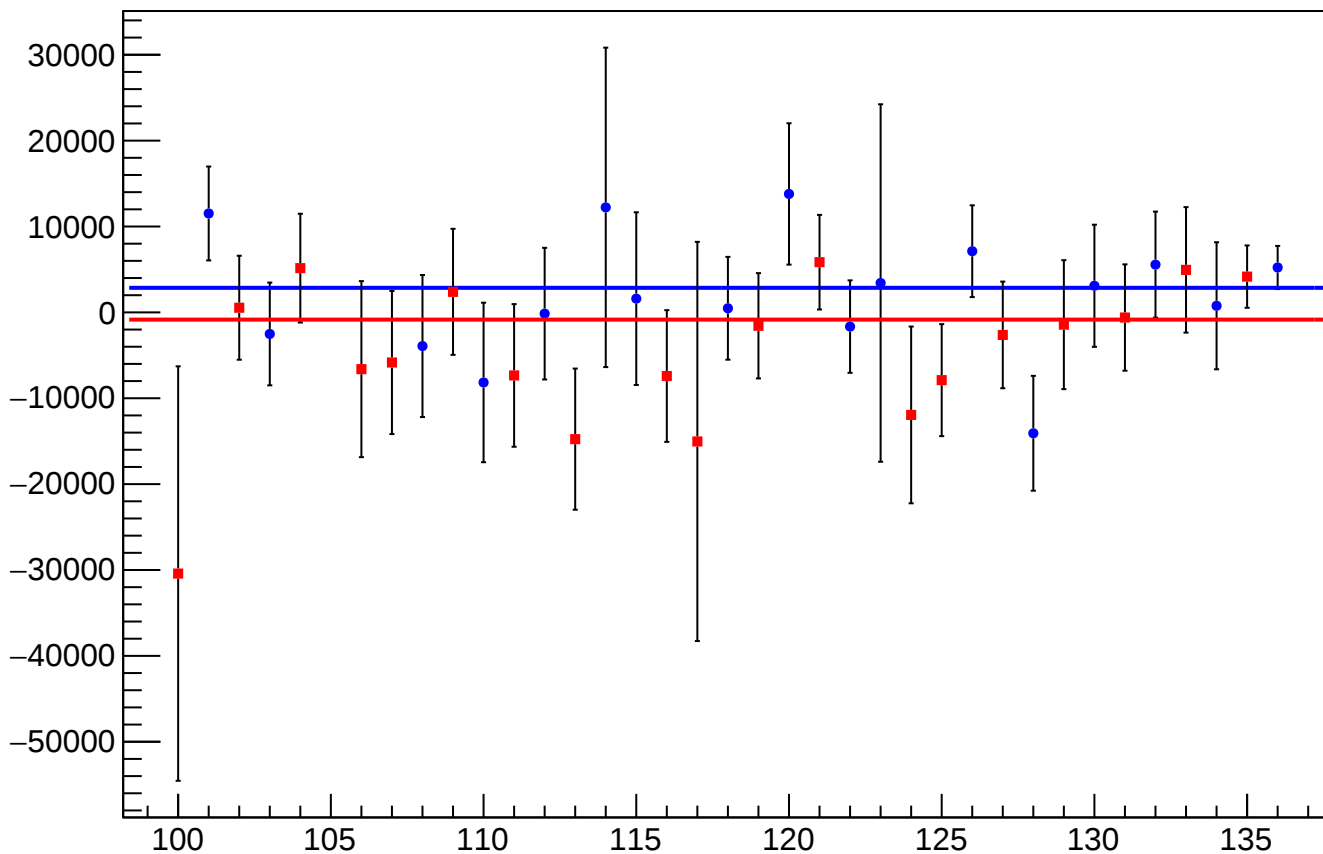
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

428.460+/-0.127 χ^2/NDF : 2011453.8/16

450.828+/-0.093 χ^2/NDF : 3849665.7/35

476.761+/-0.137 χ^2/NDF : 1771721.5/18

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2859.622 $\pm$ 1447.884 χ^2 /NDF: 16.7/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -840.871 $\pm$ 1578.277 χ^2 /NDF: 14.3/18

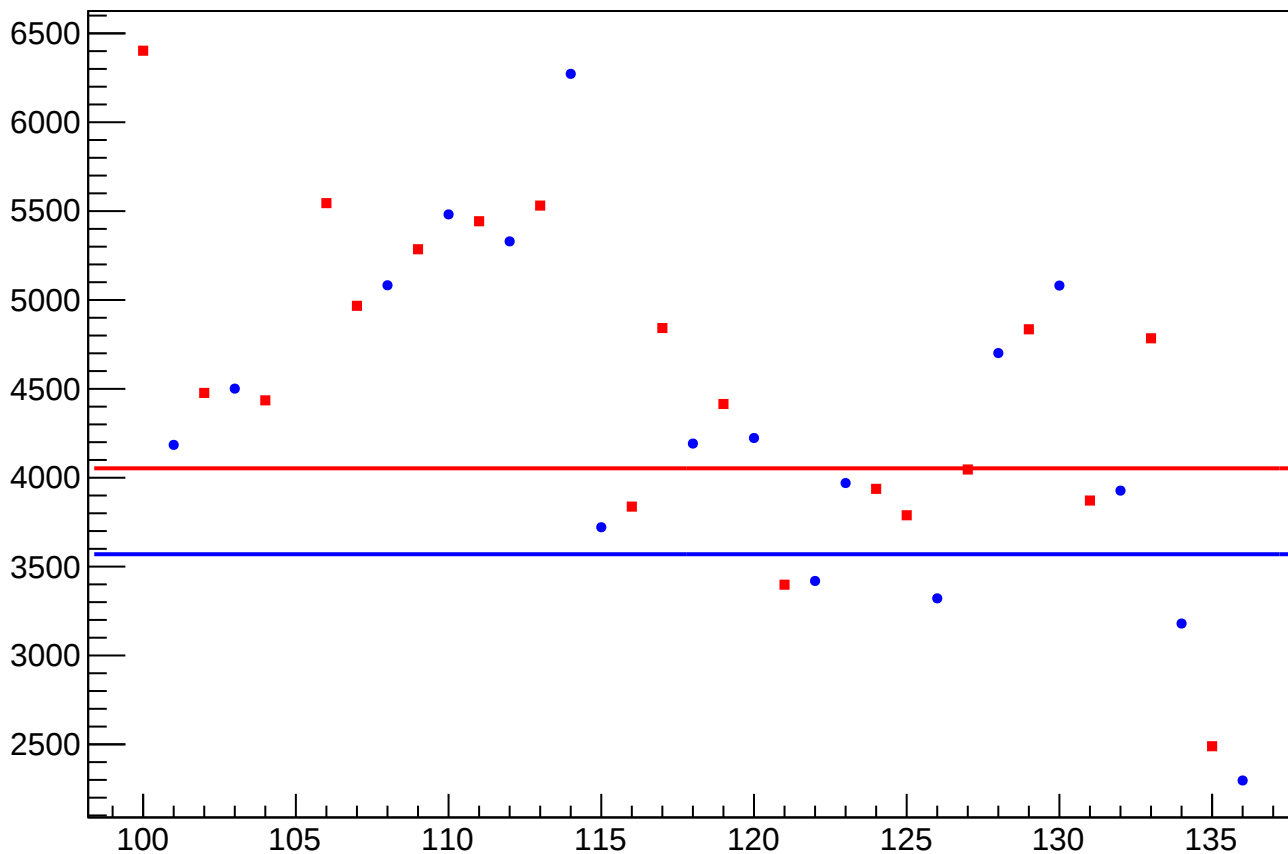
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2859.622 $\pm$ 1447.884 χ^2 /NDF: 16.7/16

1168.529 $\pm$ 1066.933 χ^2 /NDF: 34.0/35

-840.871 $\pm$ 1578.277 χ^2 /NDF: 14.3/18

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3569.631+/-1.024 χ^2/NDF : 1087935.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4052.973+/-1.116 χ^2/NDF : 736770.1/18

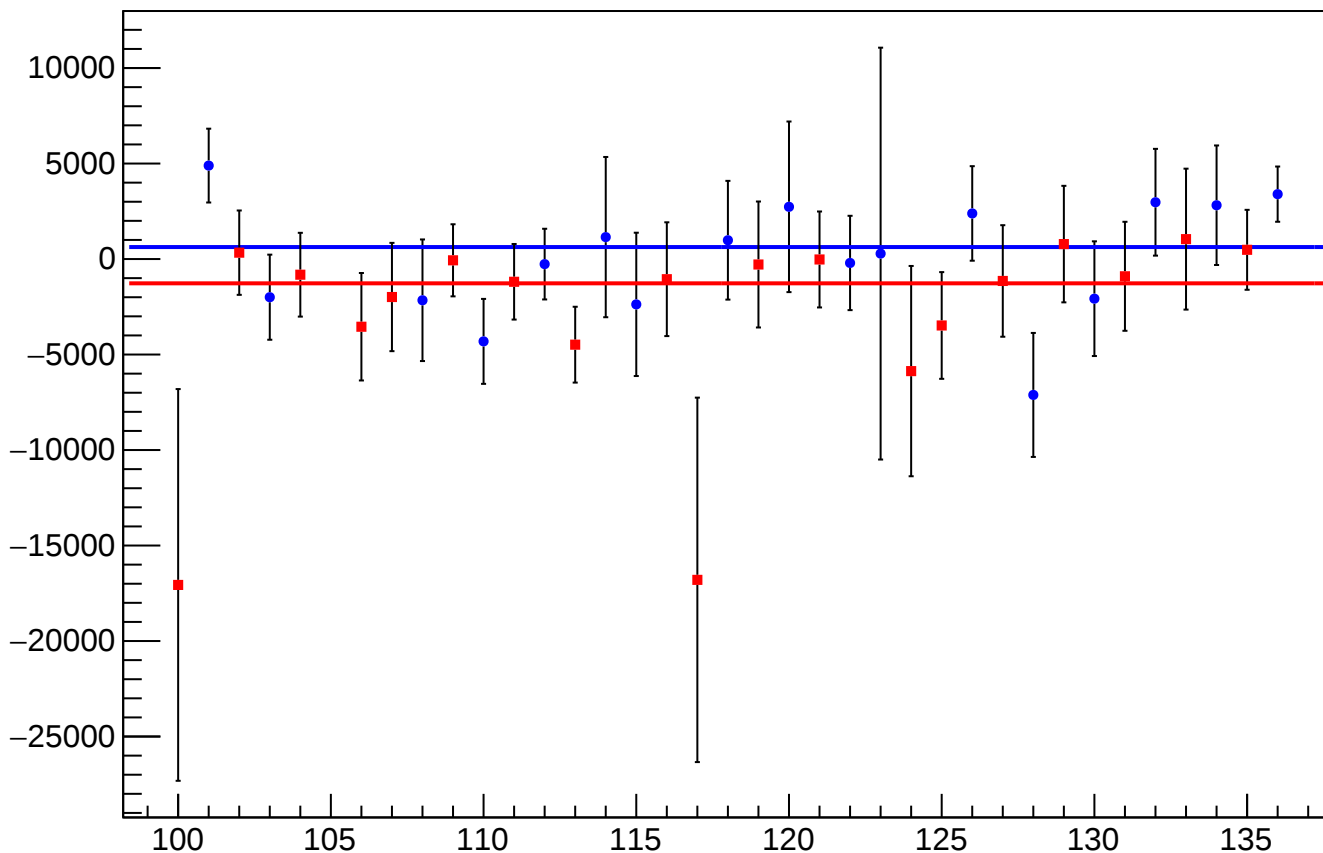
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3569.631+/-1.024 χ^2/NDF : 1087935.4/16

3790.514+/-0.754 χ^2/NDF : 1926559.9/35

4052.973+/-1.116 χ^2/NDF : 736770.1/18

asym_sam3_mean vs Slug, Sign Corrected



Right In: 627.655+/-620.929 χ^2/NDF : 25.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1271.640+/-614.552 χ^2/NDF : 12.6/18

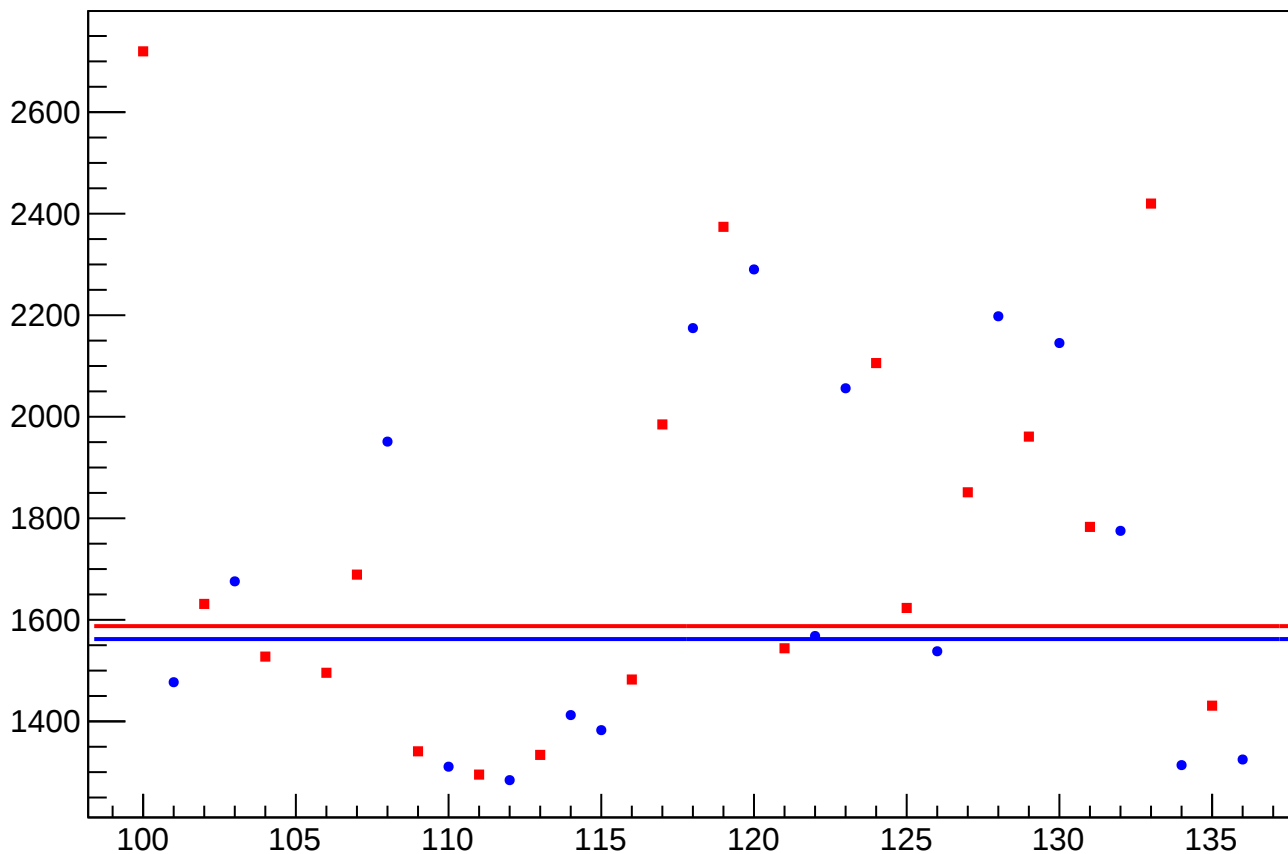
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

627.655+/-620.929 χ^2/NDF : 25.1/16

-331.796+/-436.791 χ^2/NDF : 42.4/35

-1271.640+/-614.552 χ^2/NDF : 12.6/18

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1562.101+/-0.439 χ^2/NDF : 482088.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1587.599+/-0.435 χ^2/NDF : 448859.3/18

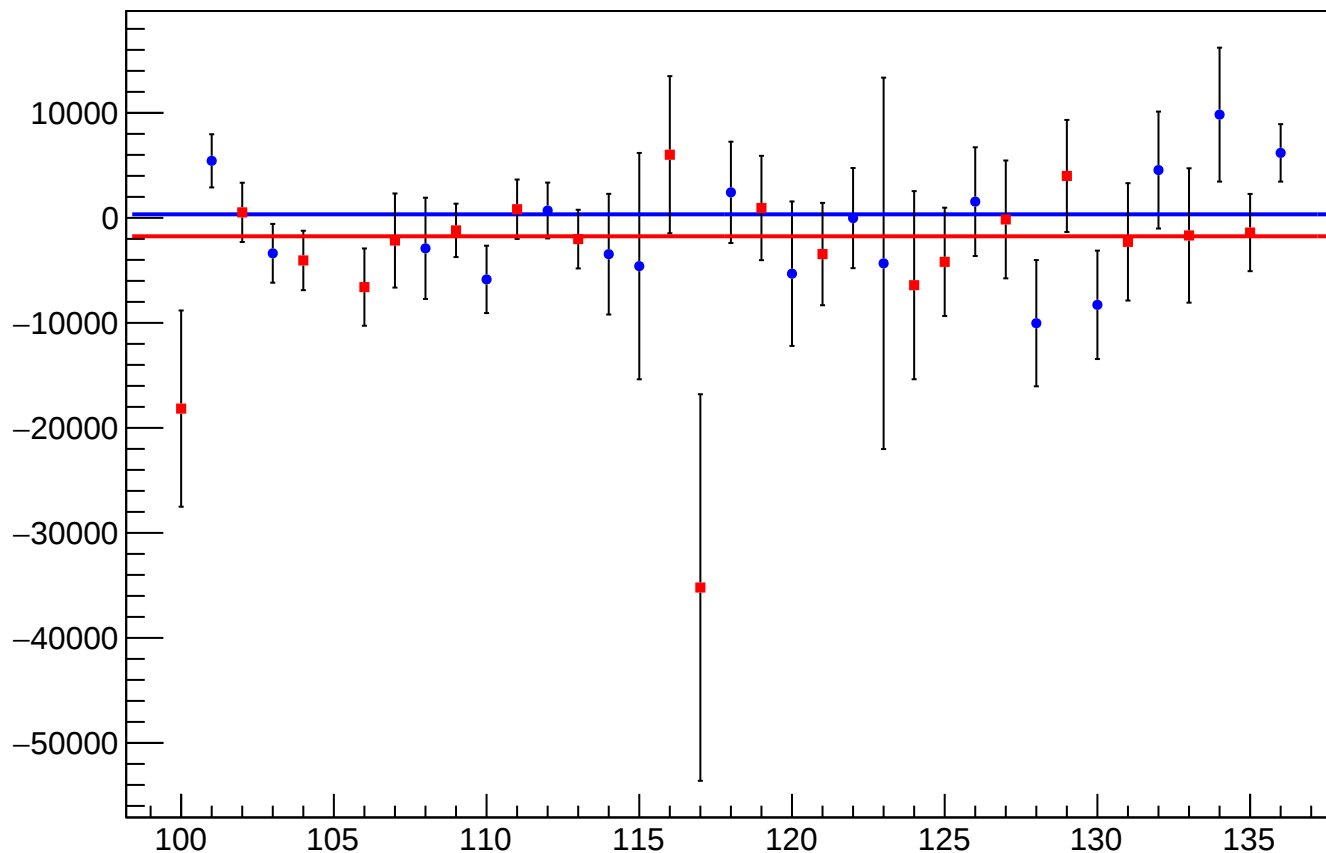
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1562.101+/-0.439 χ^2/NDF : 482088.3/16

1574.982+/-0.309 χ^2/NDF : 932651.2/35

1587.599+/-0.435 χ^2/NDF : 448859.3/18

asym_sam4_mean vs Slug, Sign Corrected



Right In: 338.117 $\pm$ 995.842 χ^2 /NDF: 24.8/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1752.748 $\pm$ 934.949 χ^2 /NDF: 13.6/18

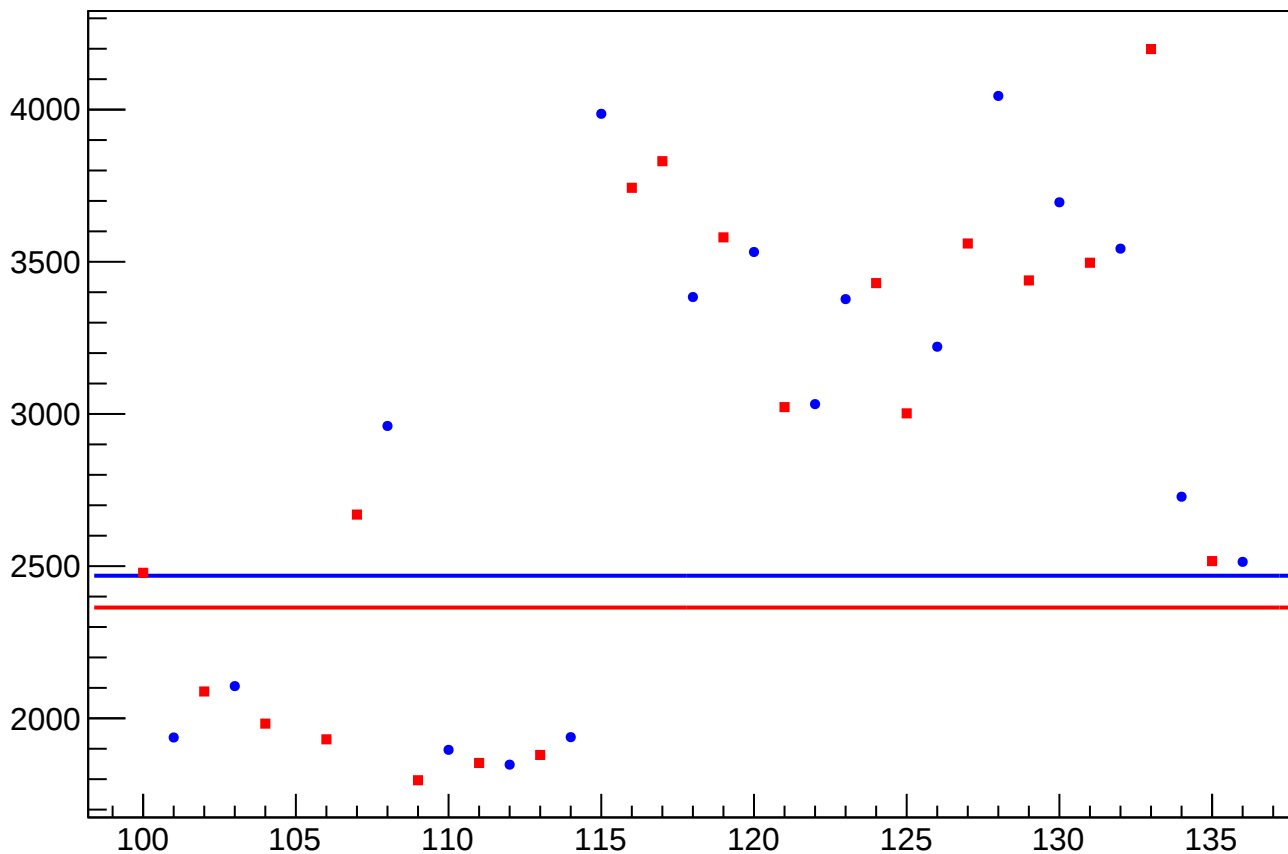
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

338.117 $\pm$ 995.842 χ^2 /NDF: 24.8/16

-773.192 $\pm$ 681.620 χ^2 /NDF: 40.7/35

-1752.748 $\pm$ 934.949 χ^2 /NDF: 13.6/18

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2468.489 $\pm$ 0.704 χ^2 /NDF: 896153.6/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2363.944 $\pm$ 0.661 χ^2 /NDF: 1035878.0/18

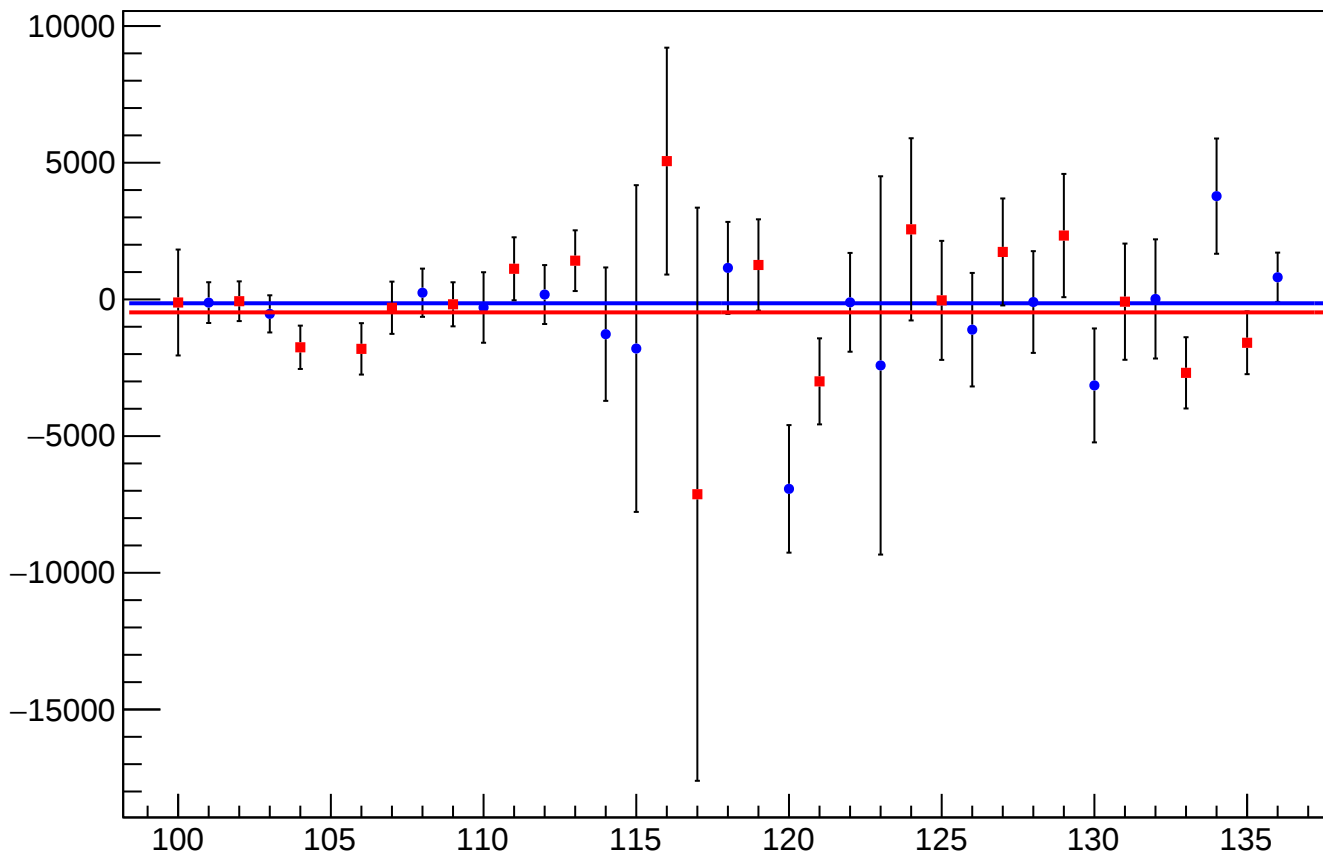
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2468.489 $\pm$ 0.704 χ^2 /NDF: 896153.6/16

2412.923 $\pm$ 0.482 χ^2 /NDF: 1943747.2/35

2363.944 $\pm$ 0.661 χ^2 /NDF: 1035878.0/18

asym_sam5_mean vs Slug, Sign Corrected



Right In: -141.213+/-313.319 χ^2/NDF : 16.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -474.245+/-285.855 χ^2/NDF : 23.3/18

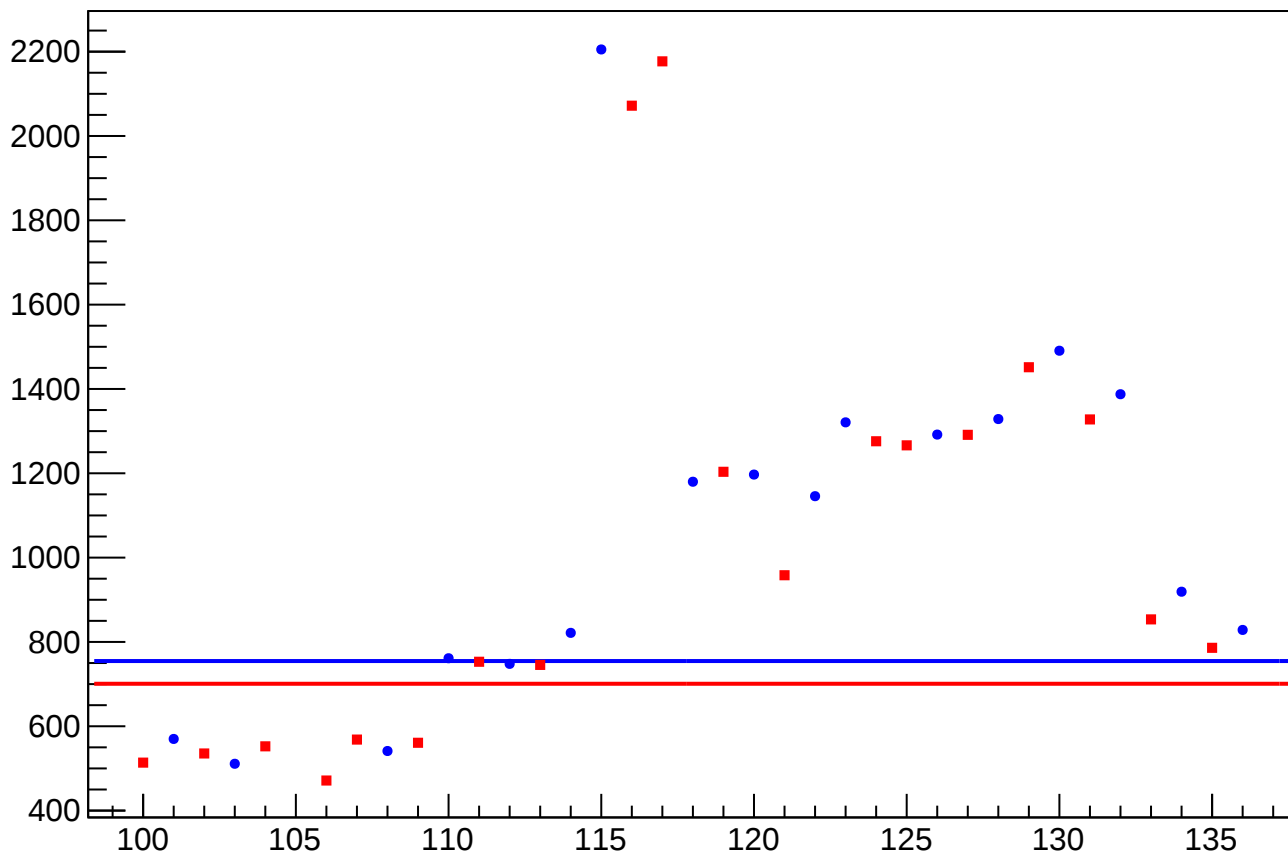
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-141.213+/-313.319 χ^2/NDF : 16.9/16

-322.962+/-211.173 χ^2/NDF : 40.9/35

-474.245+/-285.855 χ^2/NDF : 23.3/18

asym_sam5_rms vs Slug, Sign Corrected



Right In: 754.684+/-0.222 χ^2/NDF : 1690621.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 700.803+/-0.202 χ^2/NDF : 1720866.5/18

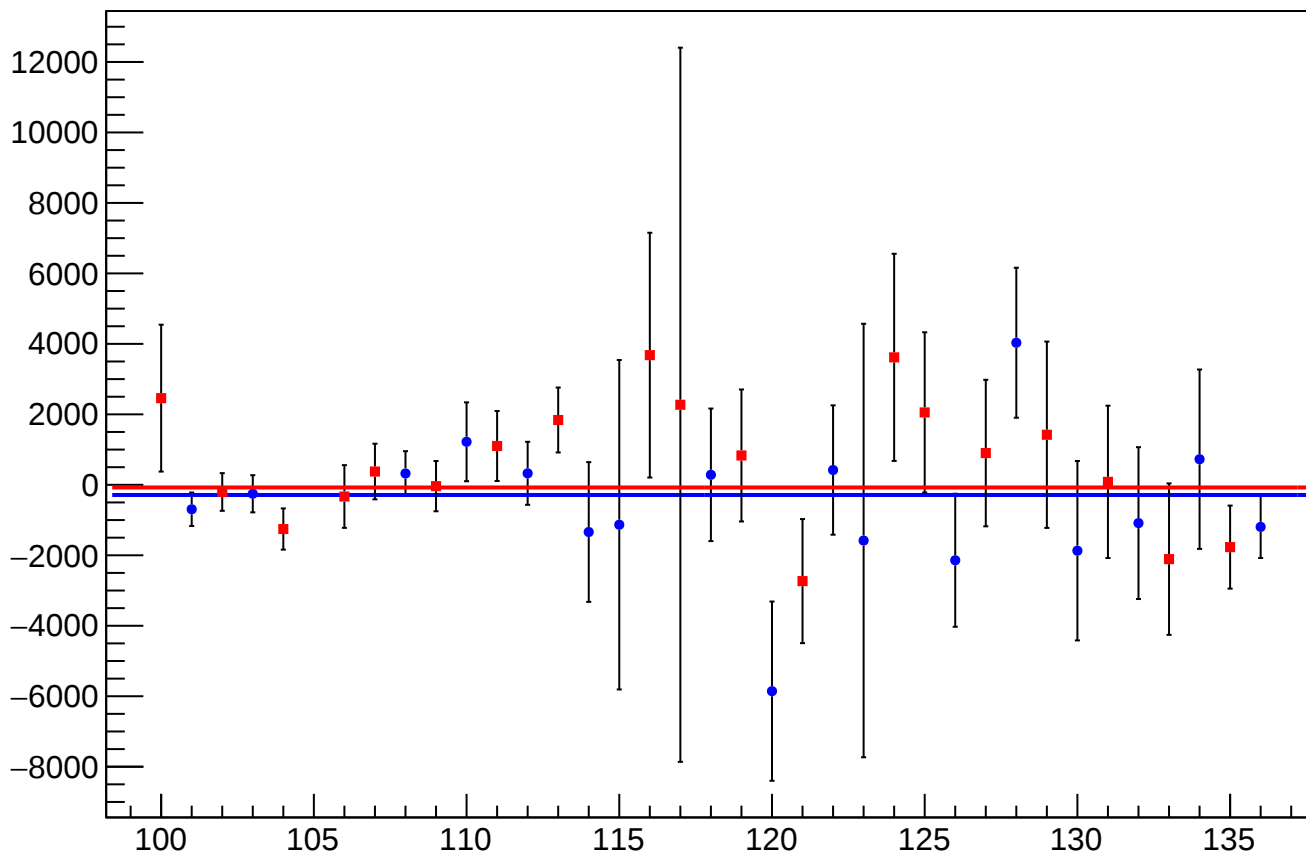
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

754.684+/-0.222 χ^2/NDF : 1690621.2/16

725.279+/-0.149 χ^2/NDF : 3443766.3/35

700.803+/-0.202 χ^2/NDF : 1720866.5/18

asym_sam6_mean vs Slug, Sign Corrected



Right In: -288.037+/-250.436 χ^2 /NDF: 16.2/16

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -75.260+/-248.338 χ^2 /NDF: 21.4/18

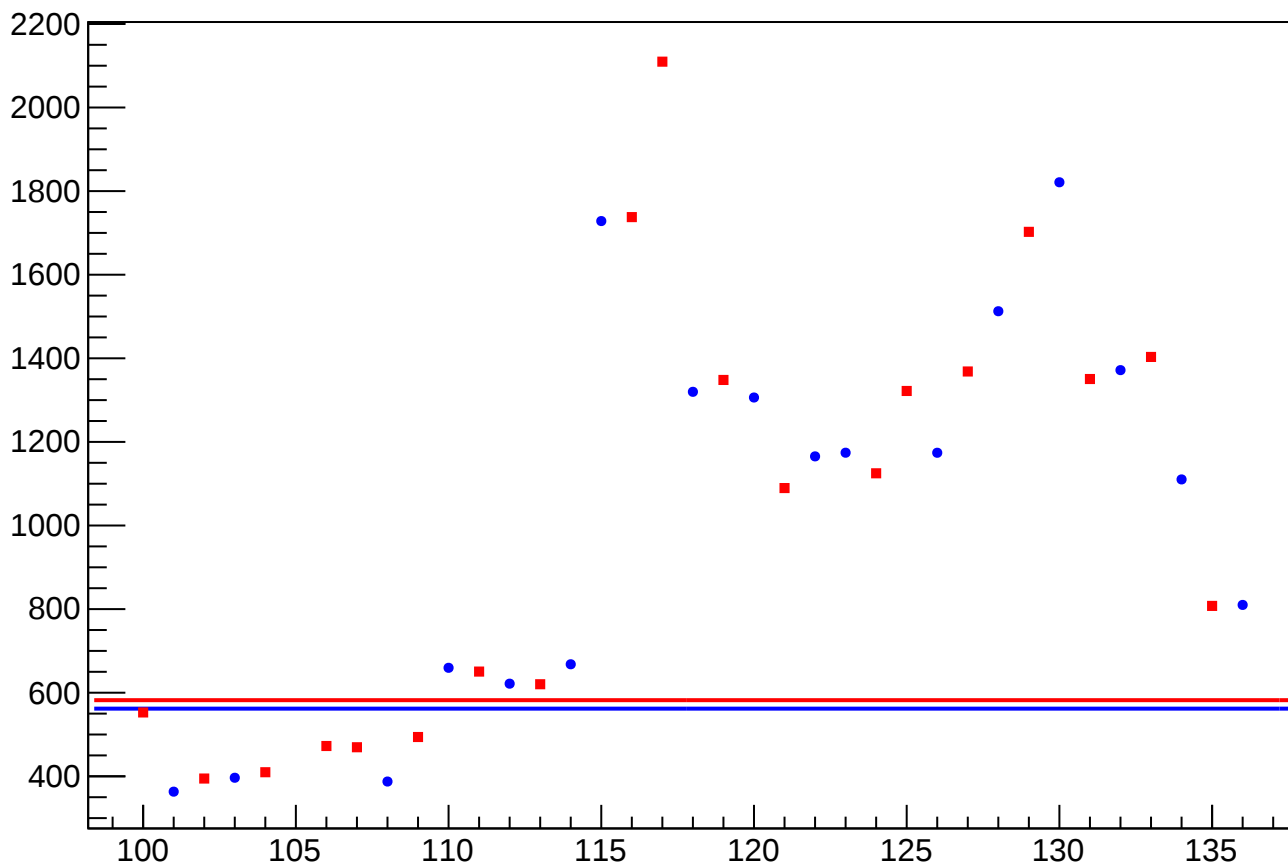
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-288.037+/-250.436 χ^2 /NDF: 16.2/16

-180.754+/-176.338 χ^2 /NDF: 38.0/35

-75.260+/-248.338 χ^2 /NDF: 21.4/18

asym_sam6_rms vs Slug, Sign Corrected



Right In: 561.894+/-0.177 χ^2/NDF : 3216651.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 582.144+/-0.176 χ^2/NDF : 2845283.6/18

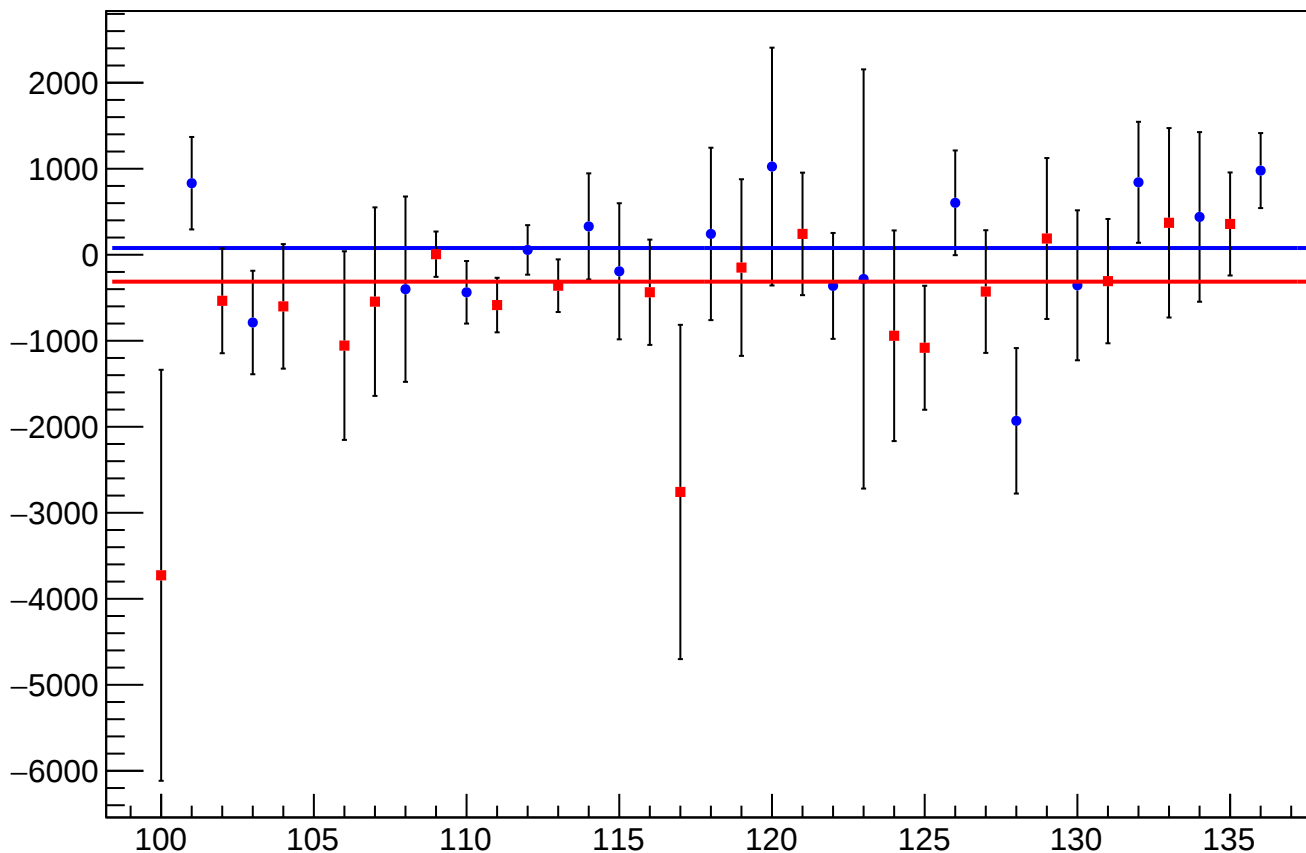
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

561.894+/-0.177 χ^2/NDF : 3216651.3/16

572.104+/-0.125 χ^2/NDF : 6068528.3/35

582.144+/-0.176 χ^2/NDF : 2845283.6/18

asym_sam7_mean vs Slug, Sign Corrected



Right In: 78.184+/-142.869 χ^2 /NDF: 19.8/16

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -312.823+/-130.703 χ^2 /NDF: 10.7/18

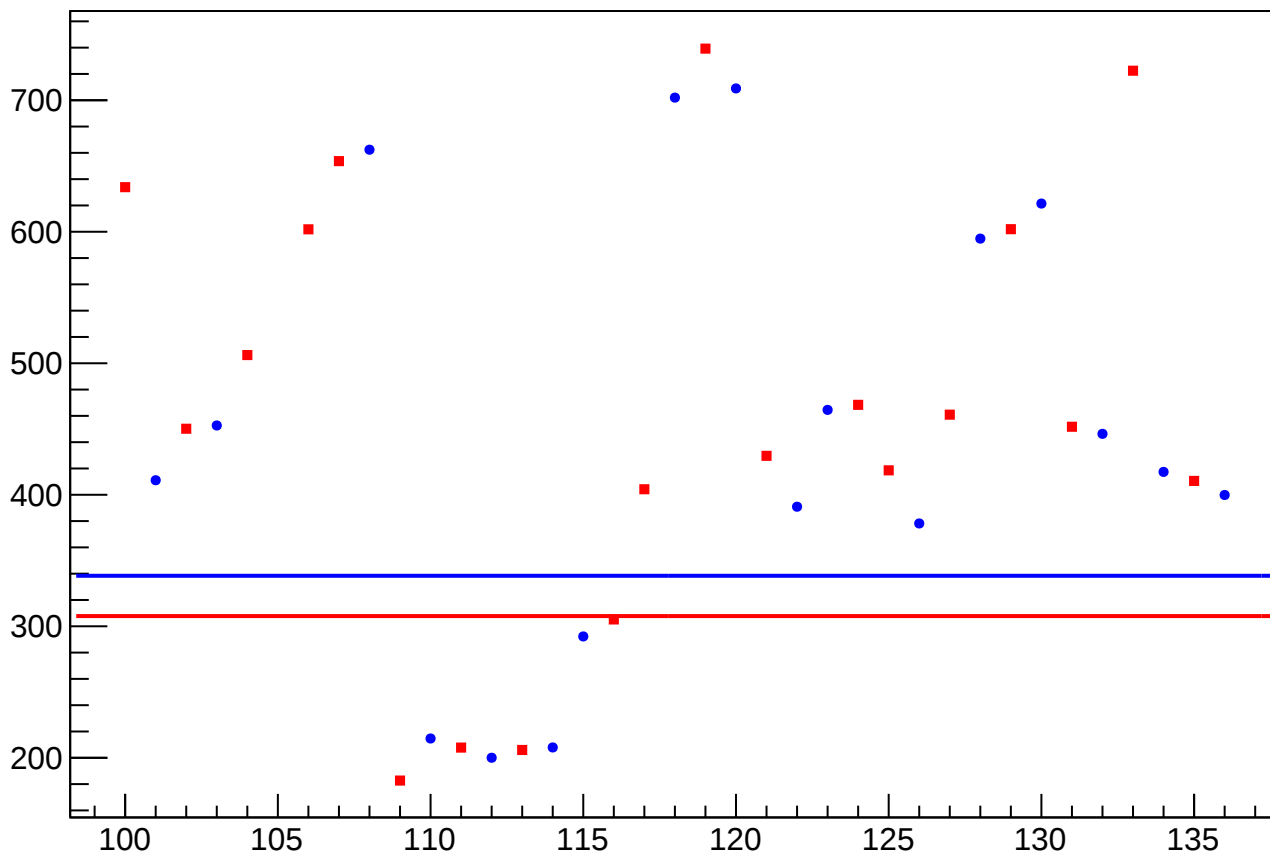
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

78.184+/-142.869 χ^2 /NDF: 19.8/16

-134.674+/-96.436 χ^2 /NDF: 34.5/35

-312.823+/-130.703 χ^2 /NDF: 10.7/18

asym_sam7_rms vs Slug, Sign Corrected



Right In: 338.408+/-0.101 χ^2/NDF : 2009287.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 307.758+/-0.092 χ^2/NDF : 2720788.5/18

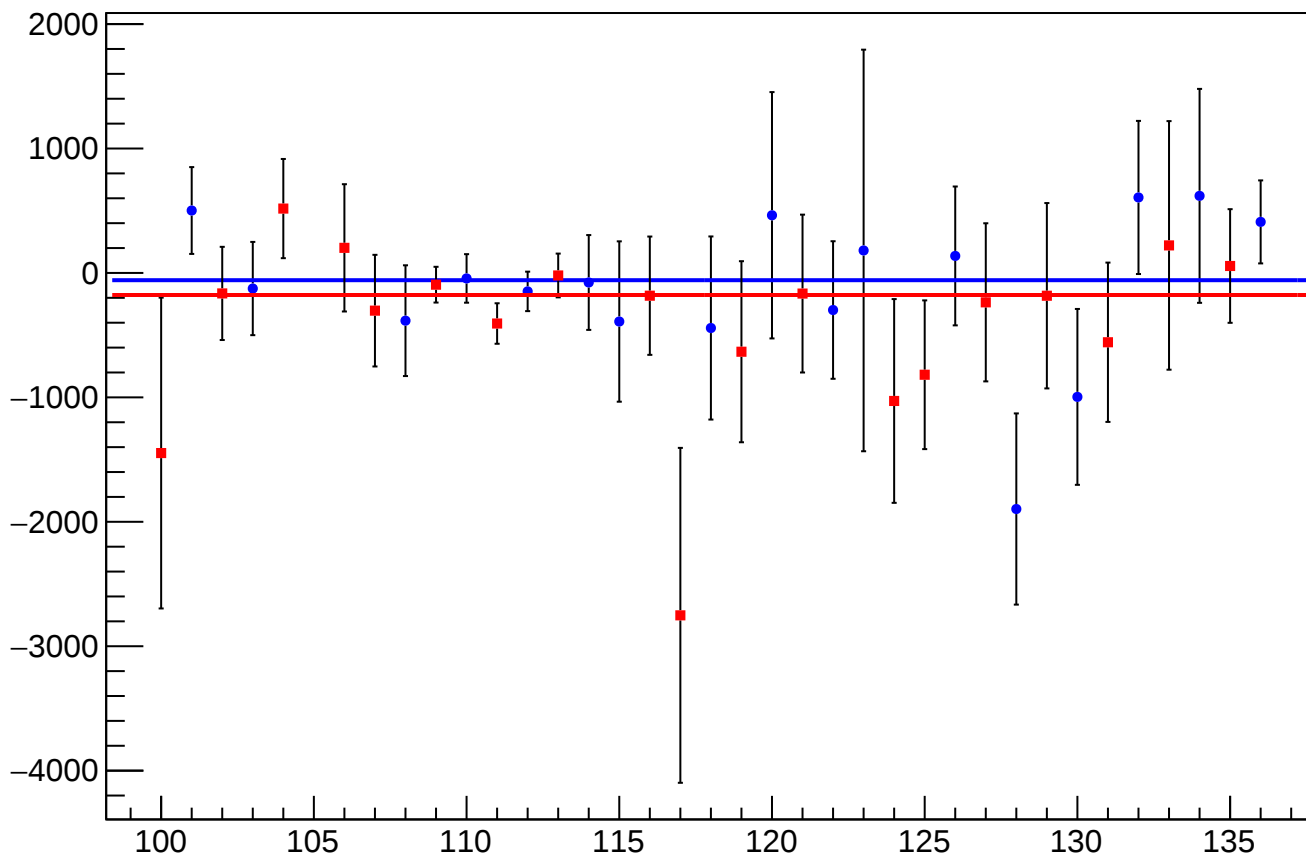
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

338.408+/-0.101 χ^2/NDF : 2009287.1/16

321.723+/-0.068 χ^2/NDF : 4780182.4/35

307.758+/-0.092 χ^2/NDF : 2720788.5/18

asym_sam8_mean vs Slug, Sign Corrected



Right In: -58.299+/-90.484 χ^2/NDF : 15.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -177.263+/-77.257 χ^2/NDF : 14.9/18

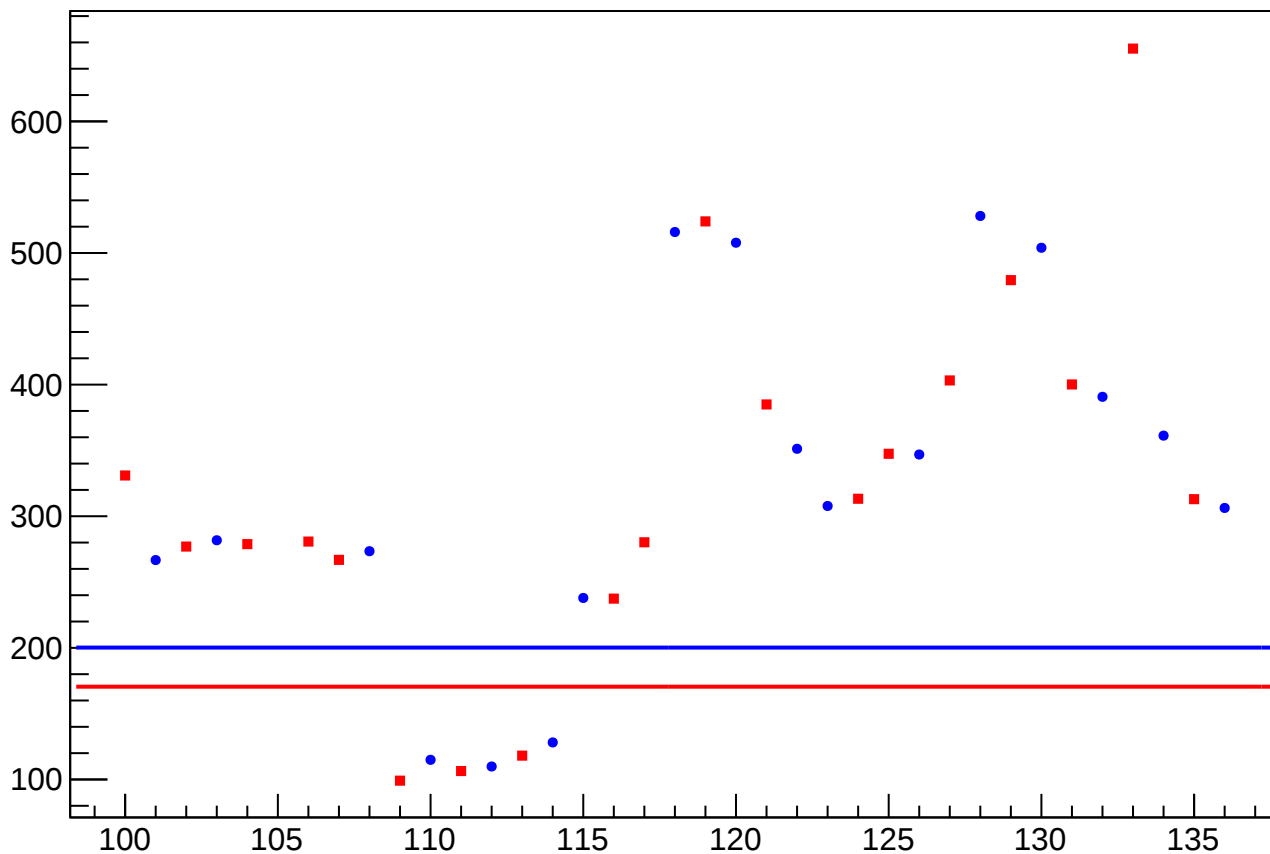
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-58.299+/-90.484 χ^2/NDF : 15.9/16

-127.103+/-58.754 χ^2/NDF : 31.7/35

-177.263+/-77.257 χ^2/NDF : 14.9/18

asym_sam8_rms vs Slug, Sign Corrected



Right In: 200.209+/-0.064 χ^2/NDF : 3387197.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 170.501+/-0.055 χ^2/NDF : 4034203.9/18

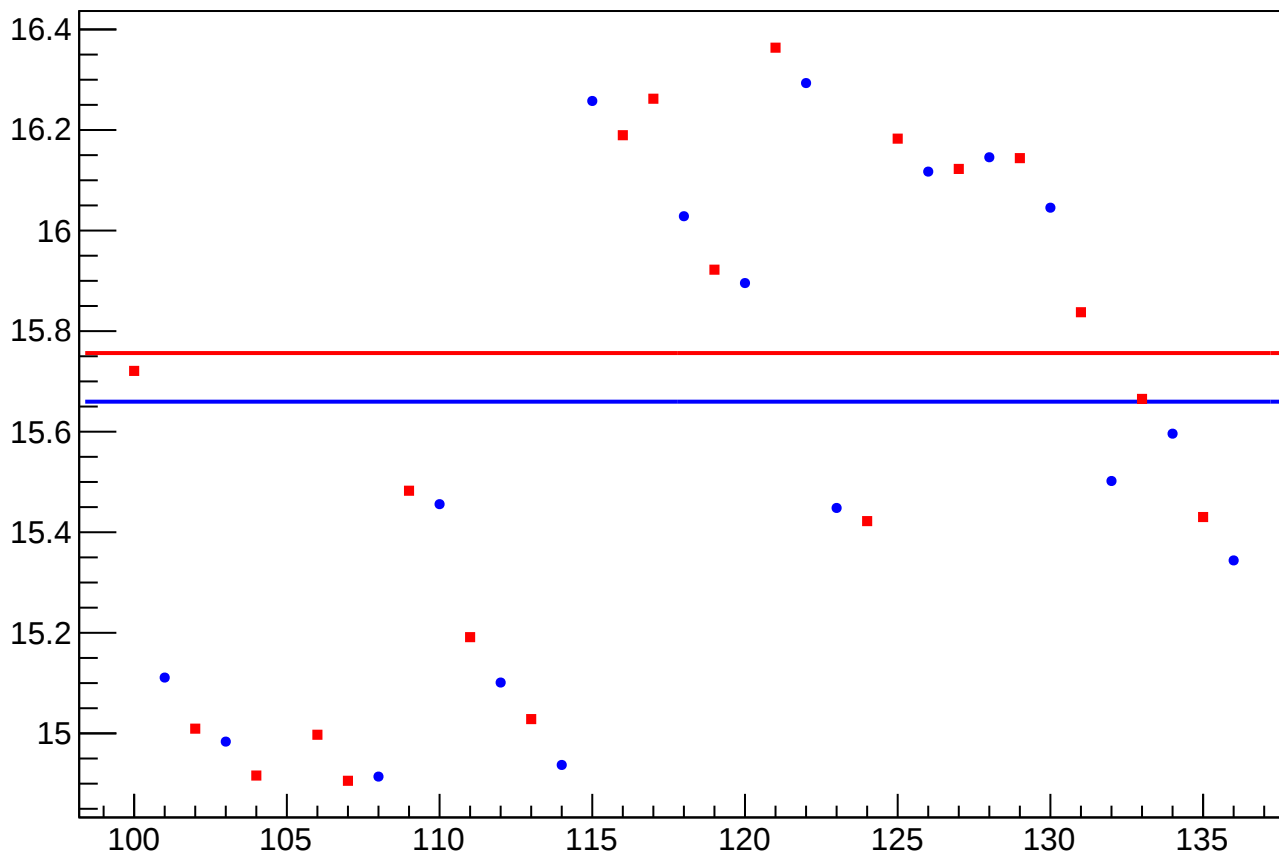
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

200.209+/-0.064 χ^2/NDF : 3387197.7/16

183.027+/-0.042 χ^2/NDF : 7546092.2/35

170.501+/-0.055 χ^2/NDF : 4034203.9/18

yield_sam1_mean vs Slug, Sign Corrected



Right In: 15.660 ± 0.000 χ^2/NDF : 5782644553.5/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 15.756 ± 0.000 χ^2/NDF : 5049355849.6/18

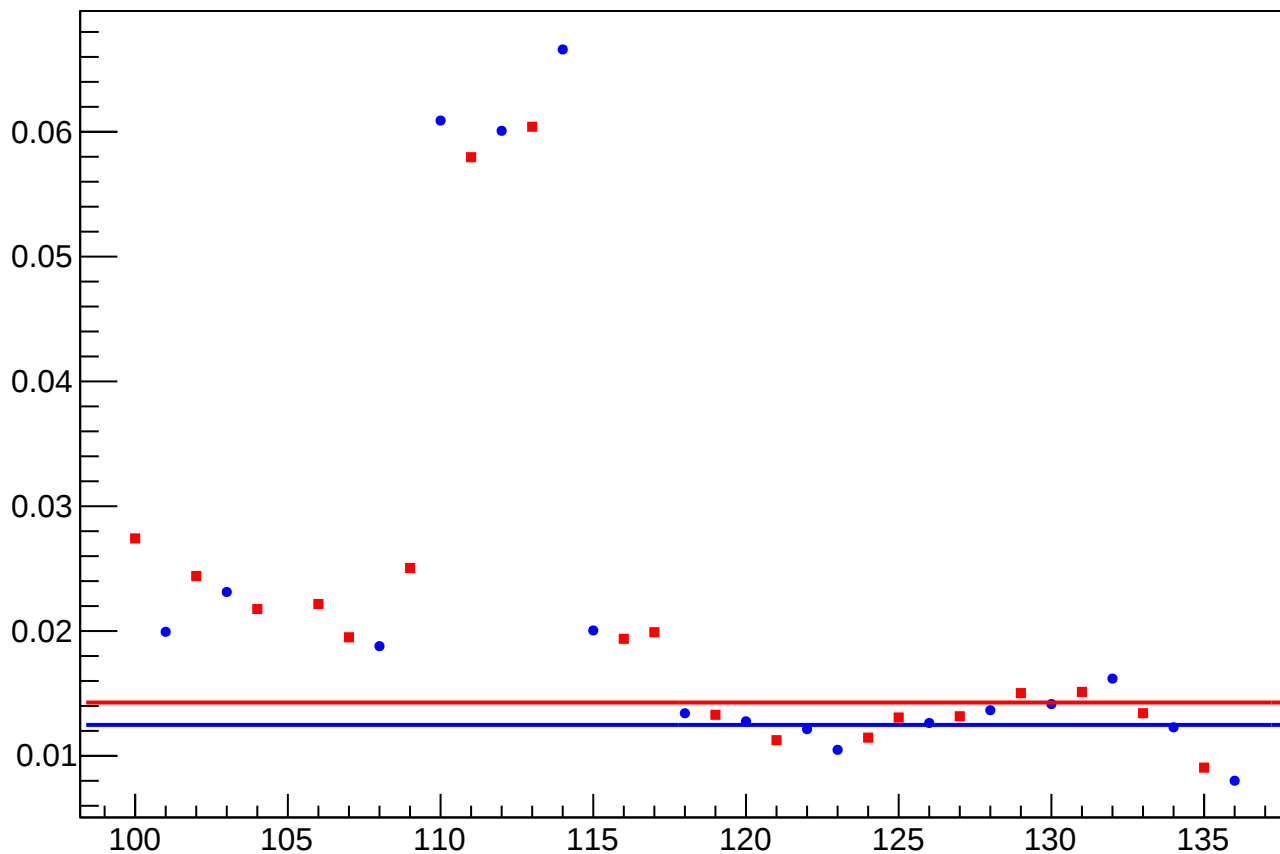
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

15.660 ± 0.000 χ^2/NDF : 5782644553.5/16

15.703 ± 0.000 χ^2/NDF : 10969434963.8/16

15.756 ± 0.000 χ^2/NDF : 5049355849.6/18

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 2152911.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1920026.4/18

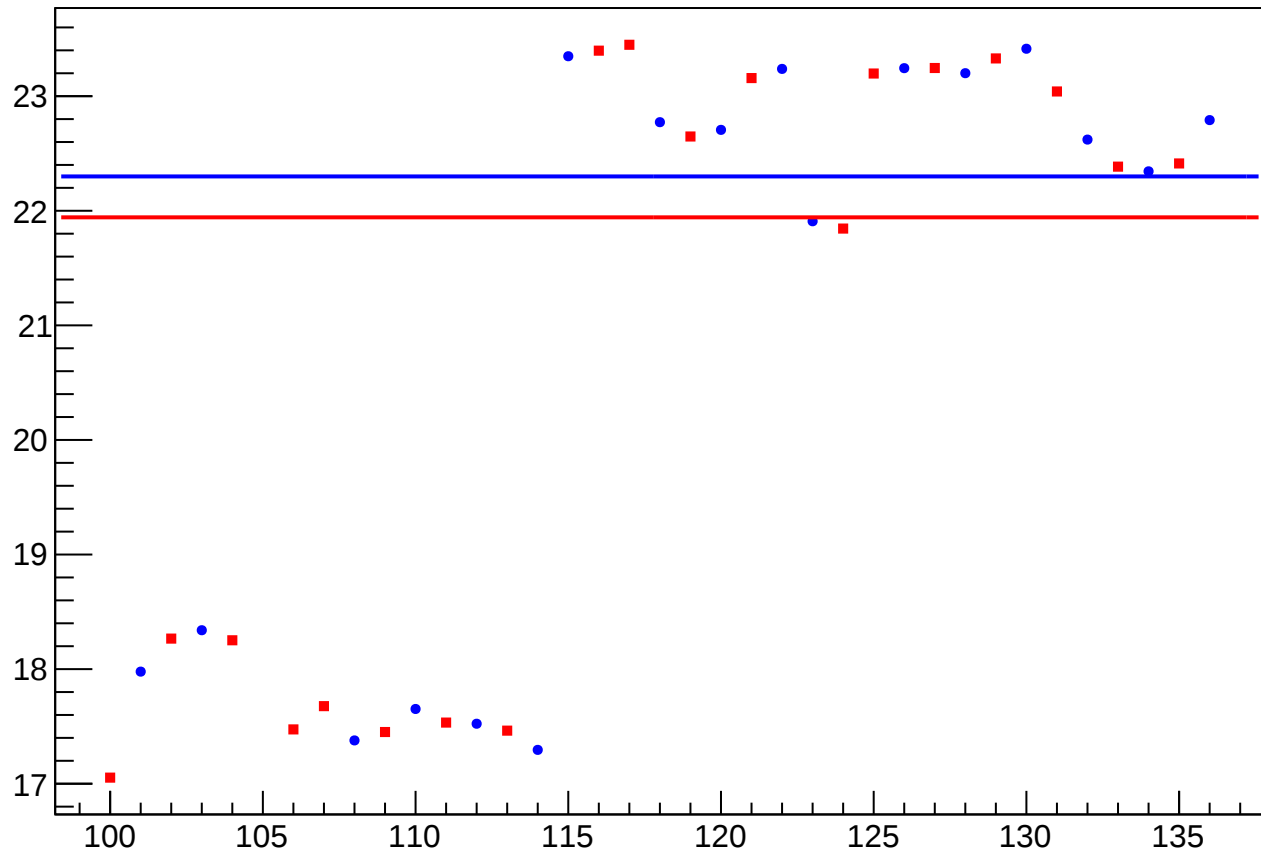
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 2152911.4/16

0.013+/-0.000 χ^2/NDF : 4167743.6/35

0.014+/-0.000 χ^2/NDF : 1920026.4/18

yield_sam2_mean vs Slug, Sign Corrected



Right In: 22.300+/-0.000 χ^2/NDF : 938398636.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.943+/-0.000 χ^2/NDF : 1052683781.5/18

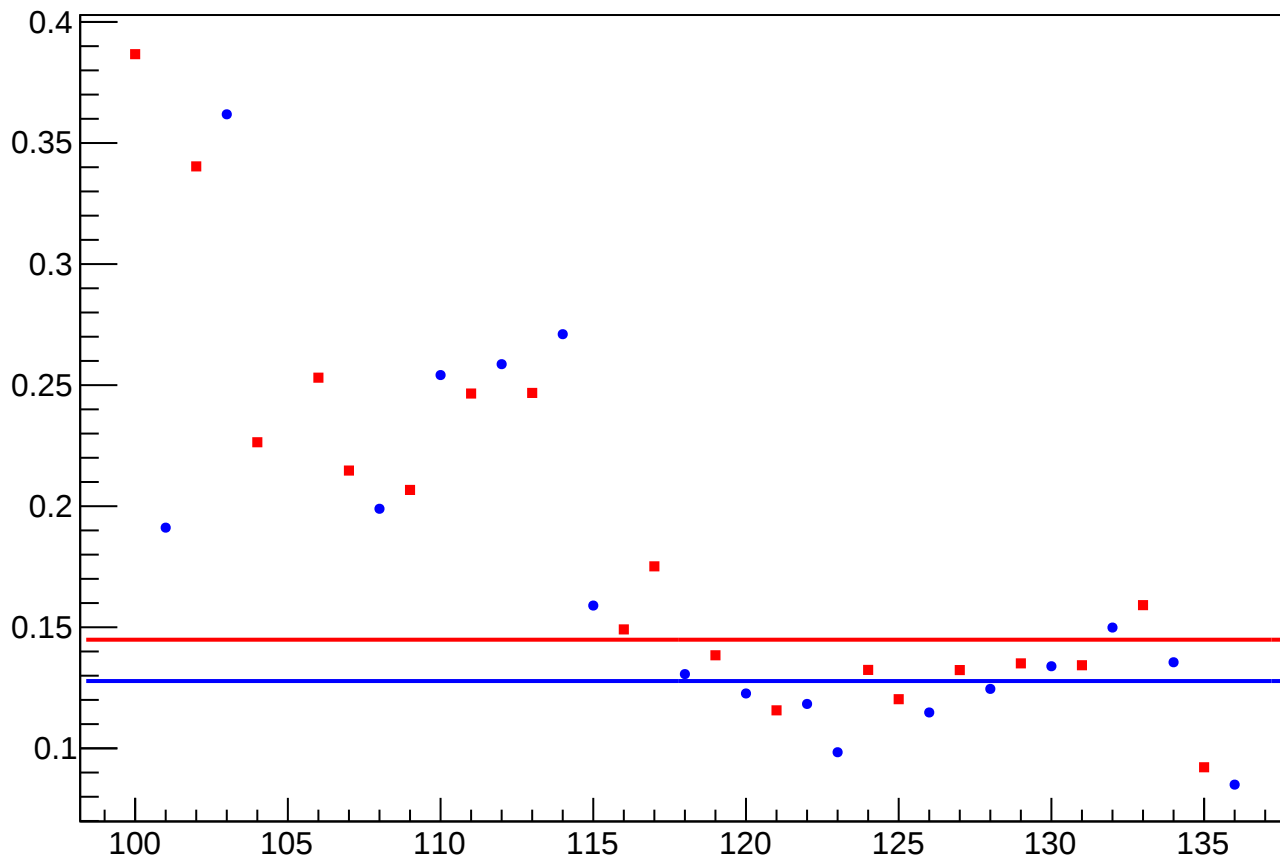
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.300+/-0.000 χ^2/NDF : 938398636.8/16

22.137+/-0.000 χ^2/NDF : 2009036053.7/3

21.943+/-0.000 χ^2/NDF : 1052683781.5/18

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.128+/-0.000 χ^2/NDF : 1492109.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.145+/-0.000 χ^2/NDF : 1364010.9/18

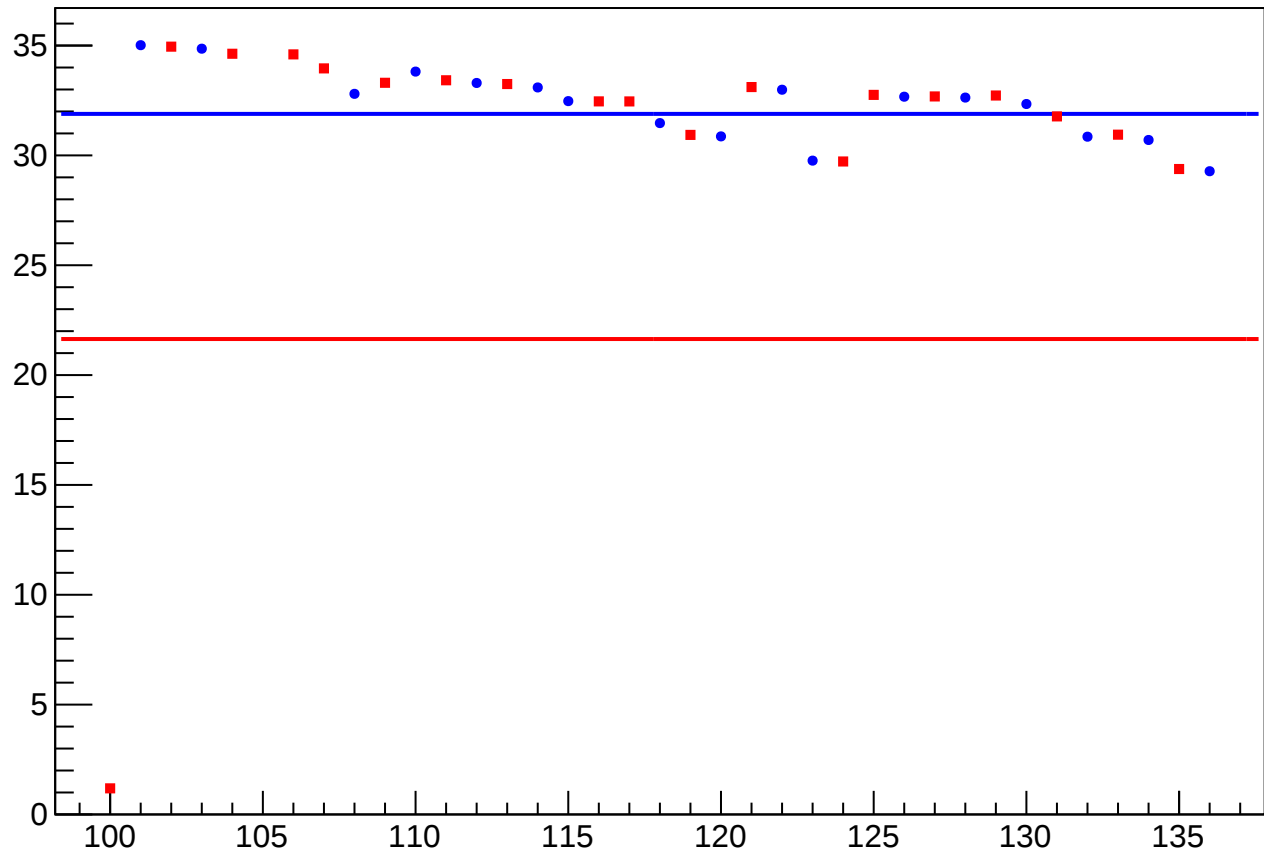
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.128+/-0.000 χ^2/NDF : 1492109.7/16

0.136+/-0.000 χ^2/NDF : 2938222.0/35

0.145+/-0.000 χ^2/NDF : 1364010.9/18

yield_sam3_mean vs Slug, Sign Corrected



Right In: 31.889+/-0.000 χ^2/NDF : 1930403776.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.641+/-0.000 χ^2/NDF : 228358979725.5/18

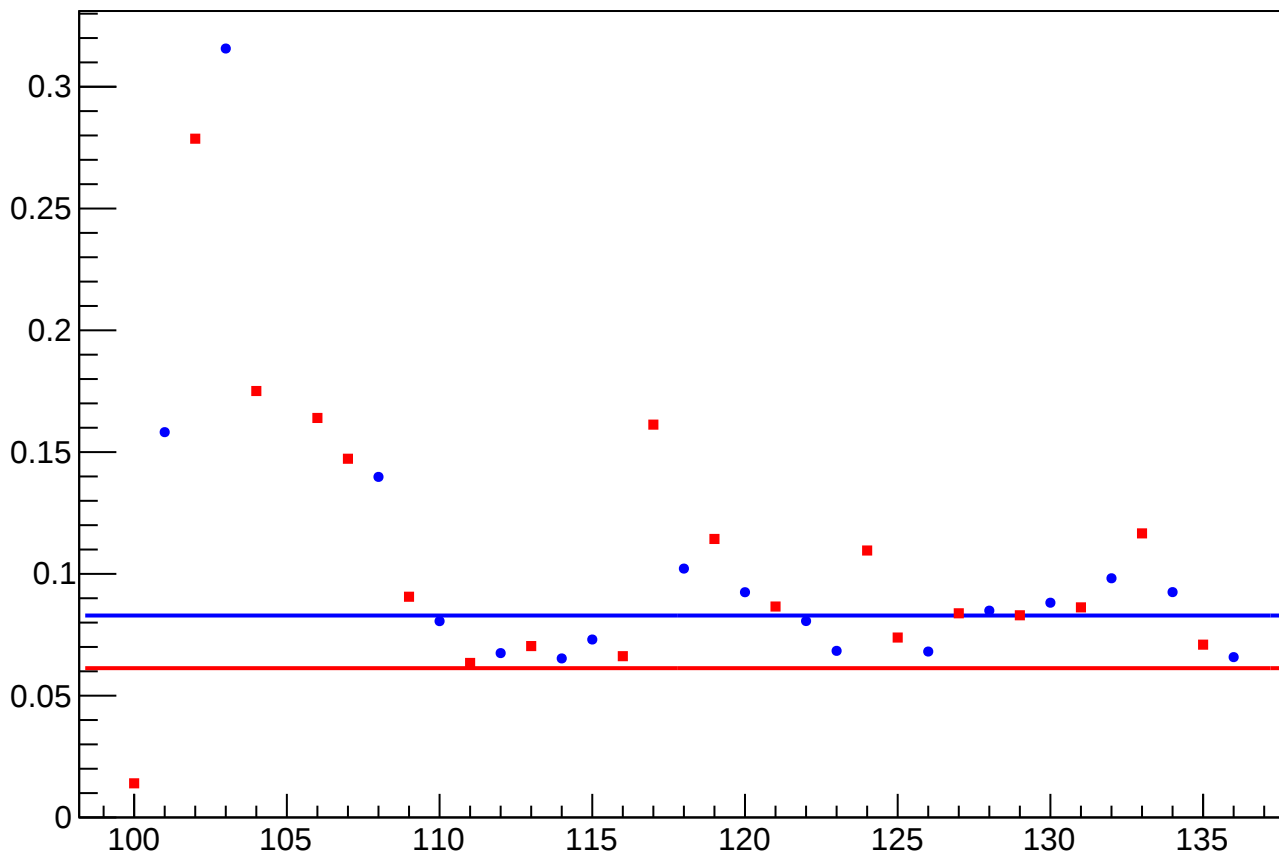
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

31.889+/-0.000 χ^2/NDF : 1930403776.3/16

25.828+/-0.000 χ^2/NDF : 274566692850.3

21.641+/-0.000 χ^2/NDF : 228358979725.5/18

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.083+/-0.000 χ^2/NDF : 1164452.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.061+/-0.000 χ^2/NDF : 3634226.0/18

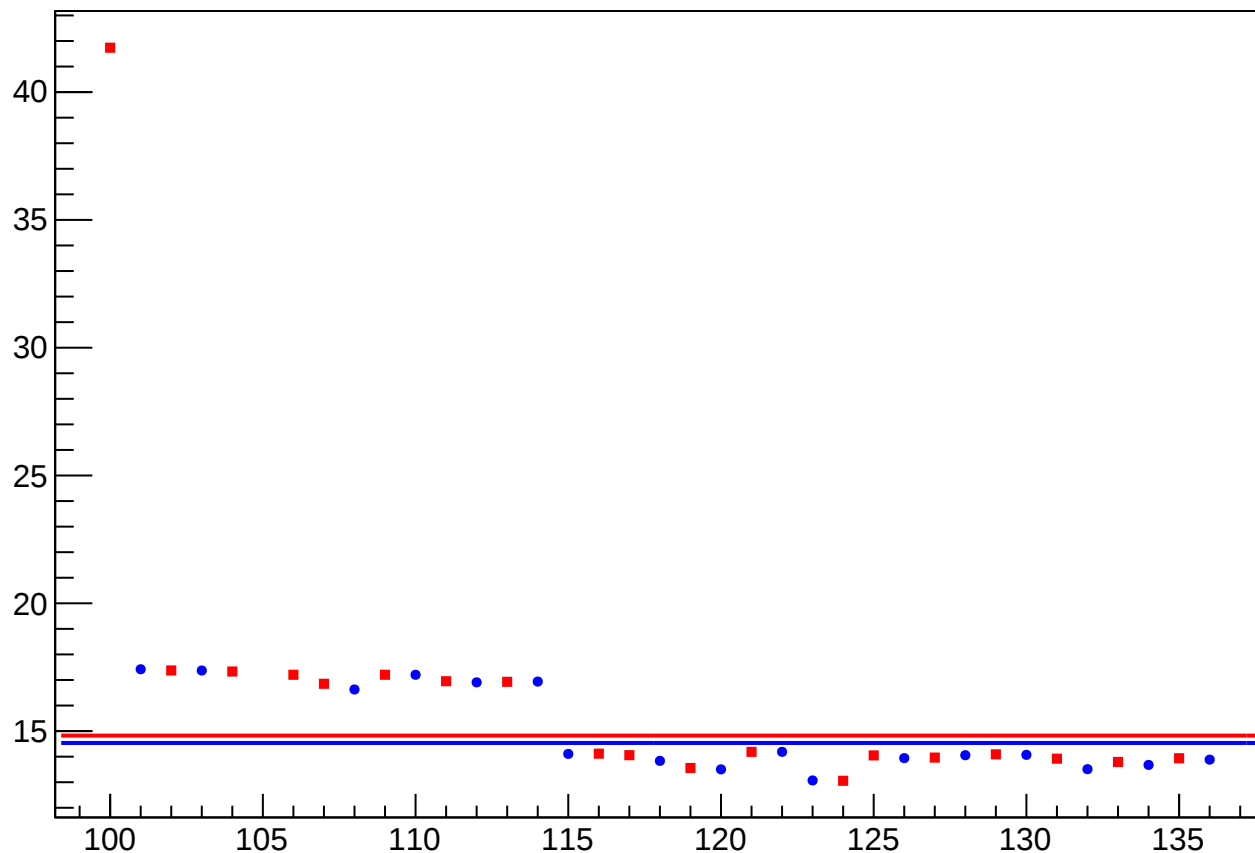
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.083+/-0.000 χ^2/NDF : 1164452.3/16

0.070+/-0.000 χ^2/NDF : 5192531.1/35

0.061+/-0.000 χ^2/NDF : 3634226.0/18

yield_sam4_mean vs Slug, Sign Corrected



Right In: 14.536+/-0.000 χ^2/NDF : 1470499792.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.824+/-0.000 χ^2/NDF : 1848462325.7/18

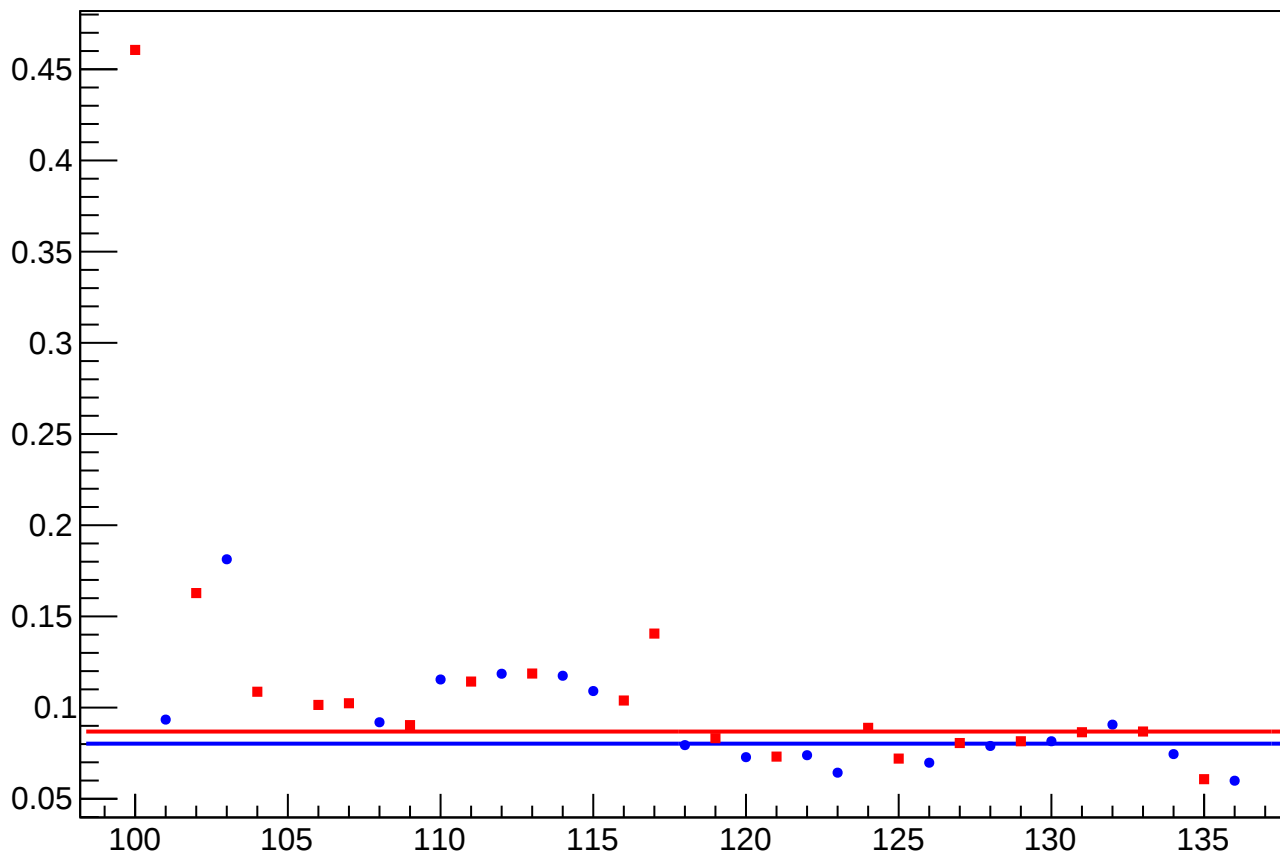
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14.536+/-0.000 χ^2/NDF : 1470499792.7/16

14.671+/-0.000 χ^2/NDF : 3352526402.3/3

14.824+/-0.000 χ^2/NDF : 1848462325.7/18

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.080+/-0.000 χ^2/NDF : 778734.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.087+/-0.000 χ^2/NDF : 705491.7/18

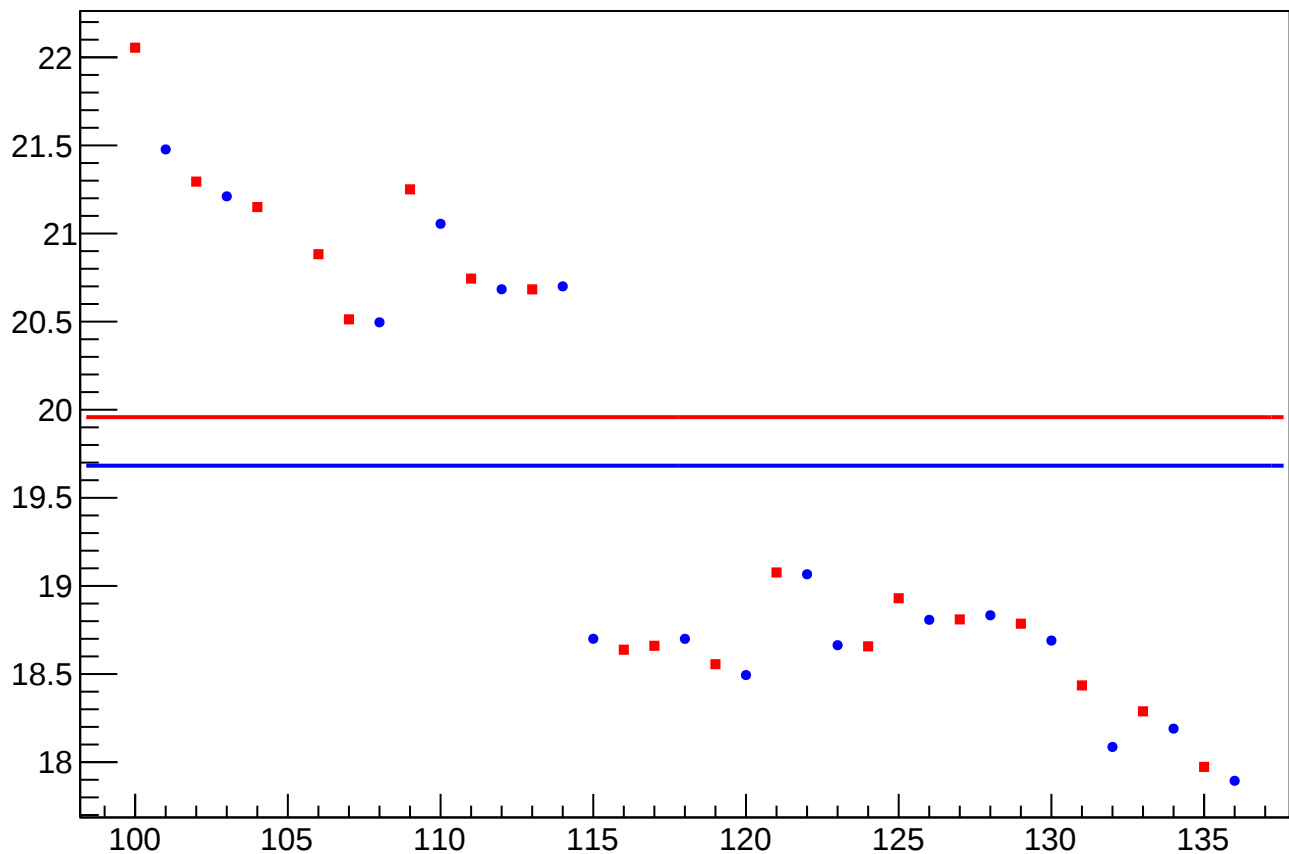
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.080+/-0.000 χ^2/NDF : 778734.5/16

0.083+/-0.000 χ^2/NDF : 1519797.3/35

0.087+/-0.000 χ^2/NDF : 705491.7/18

yield_sam5_mean vs Slug, Sign Corrected



Right In: 19.683+/-0.000 χ^2/NDF : 12276801857.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.958+/-0.000 χ^2/NDF : 10206280613.1/18

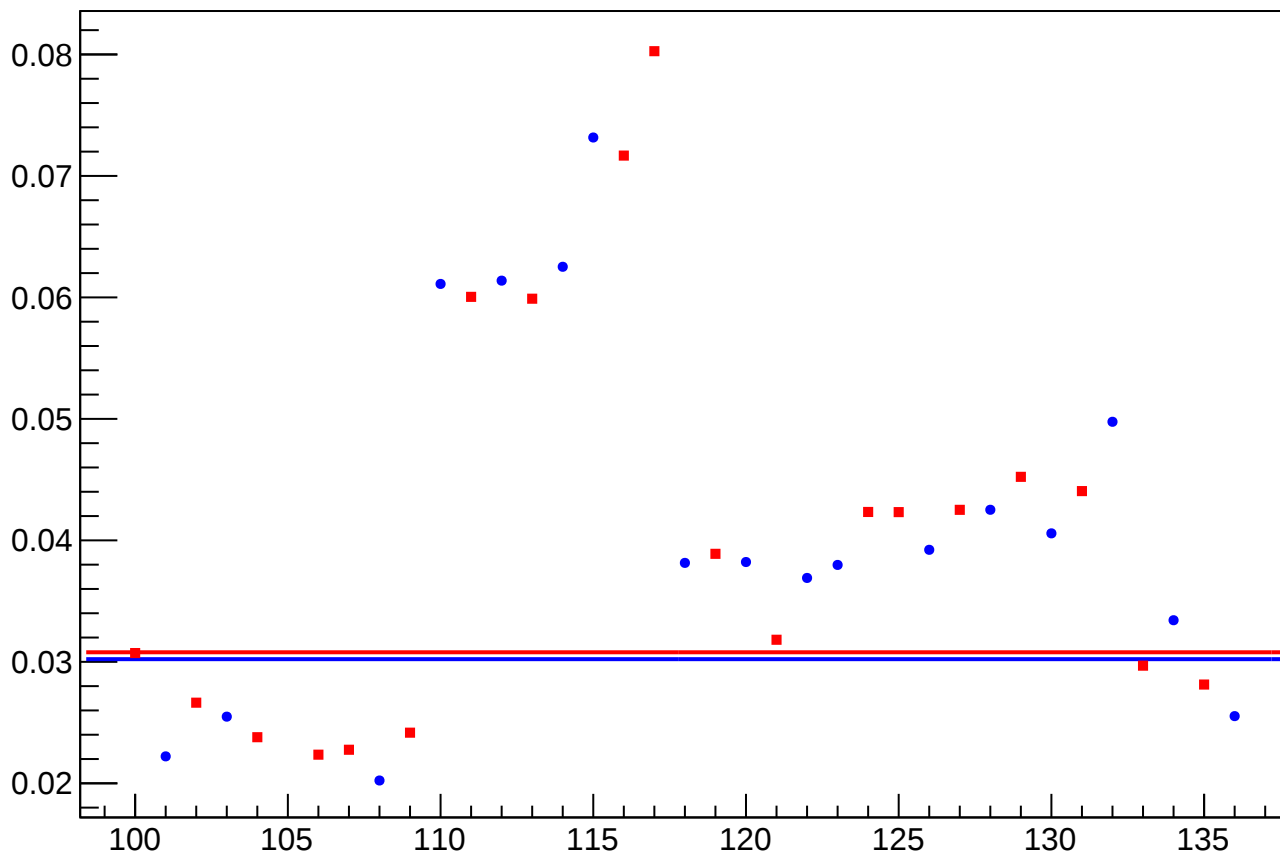
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

19.683+/-0.000 χ^2/NDF : 12276801857.2/16

19.820+/-0.000 χ^2/NDF : 22713781618.6/16

19.958+/-0.000 χ^2/NDF : 10206280613.1/18

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.030+/-0.000 χ^2/NDF : 1324518.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.031+/-0.000 χ^2/NDF : 1208073.1/18

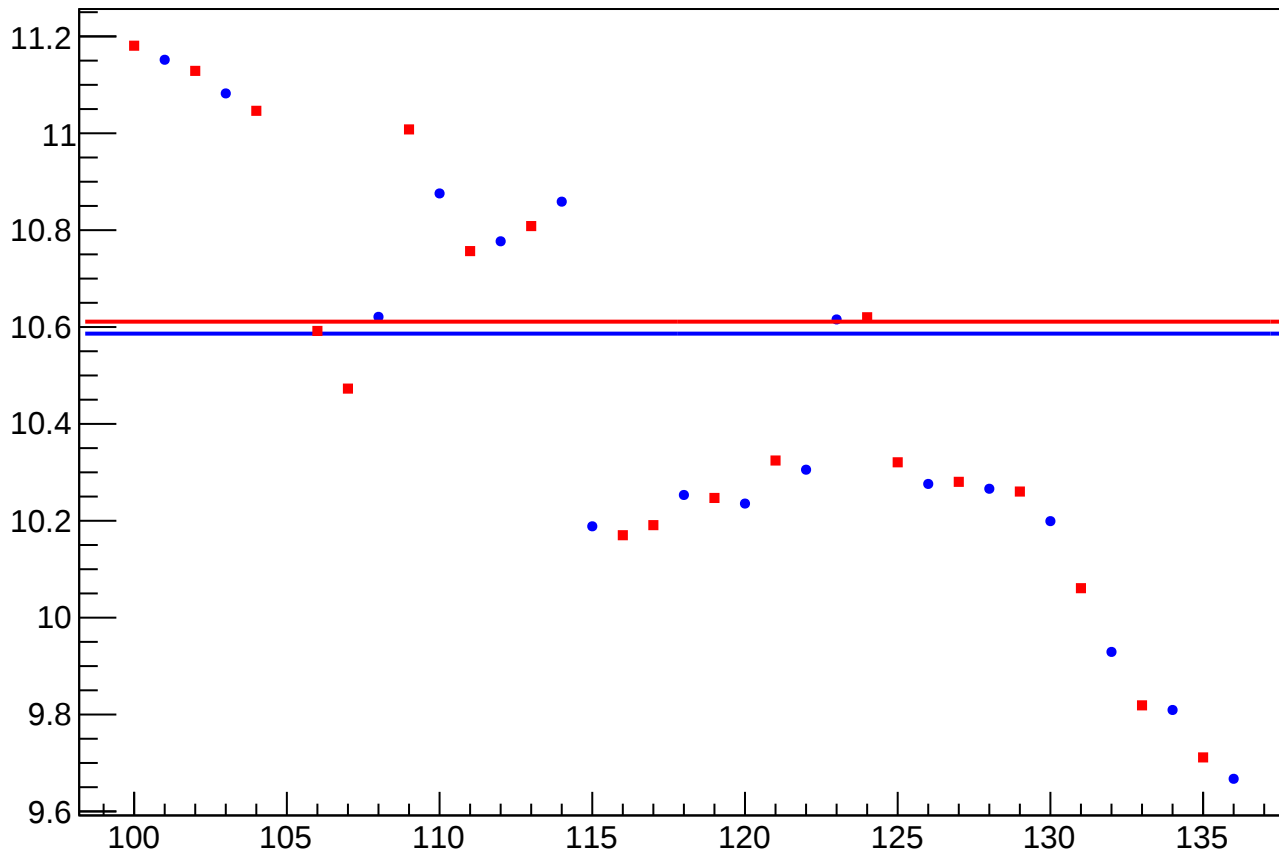
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.030+/-0.000 χ^2/NDF : 1324518.2/16

0.031+/-0.000 χ^2/NDF : 2534549.1/35

0.031+/-0.000 χ^2/NDF : 1208073.1/18

yield_sam6_mean vs Slug, Sign Corrected



Right In: 10.586+/-0.000 χ^2/NDF : 7420104563.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.611+/-0.000 χ^2/NDF : 5029690417.8/18

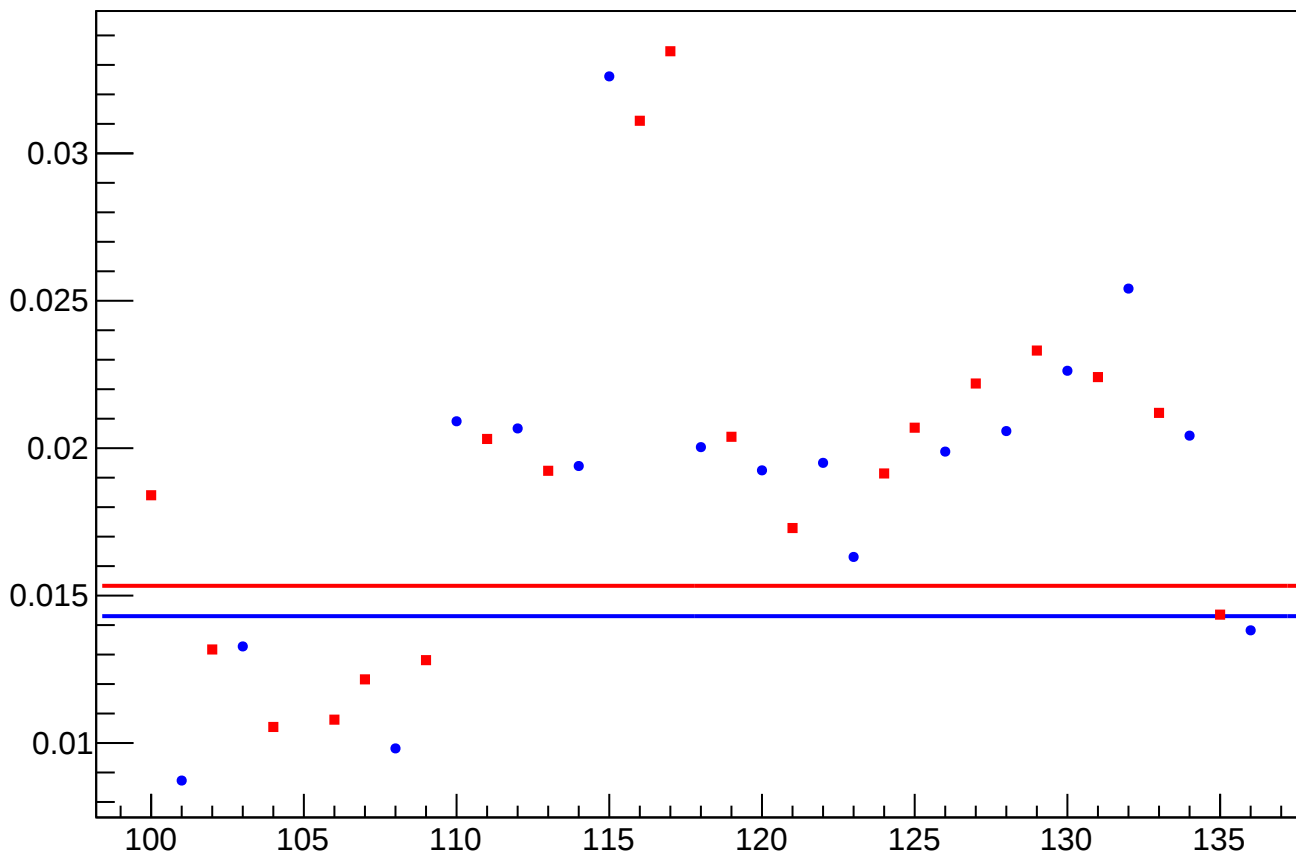
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.586+/-0.000 χ^2/NDF : 7420104563.4/16

10.598+/-0.000 χ^2/NDF : 12457503426.1/16

10.611+/-0.000 χ^2/NDF : 5029690417.8/18

yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1408012.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 1010792.8/18

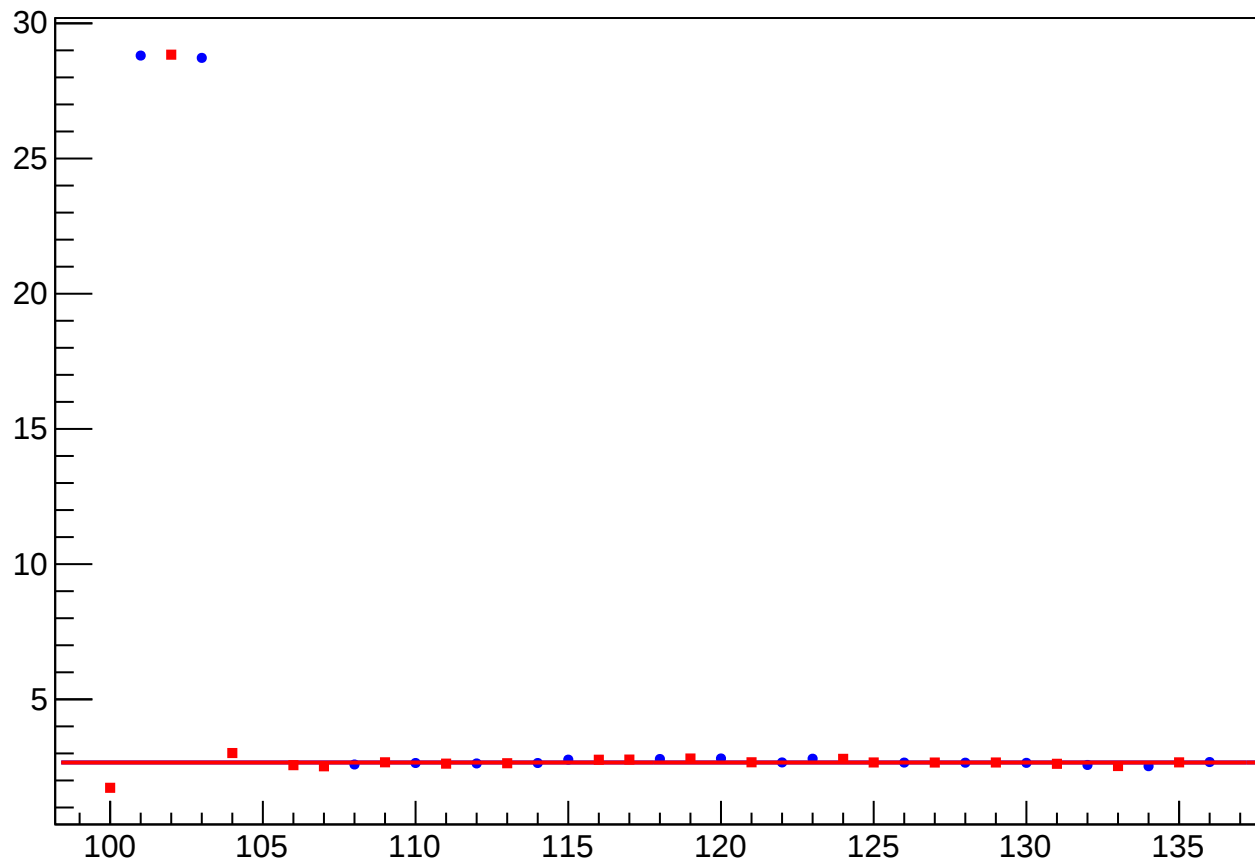
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 1408012.0/16

0.015+/-0.000 χ^2/NDF : 2445532.0/35

0.015+/-0.000 χ^2/NDF : 1010792.8/18

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.666+/-0.000 χ^2/NDF : 163167327359.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.663+/-0.000 χ^2/NDF : 70465922629.9/18

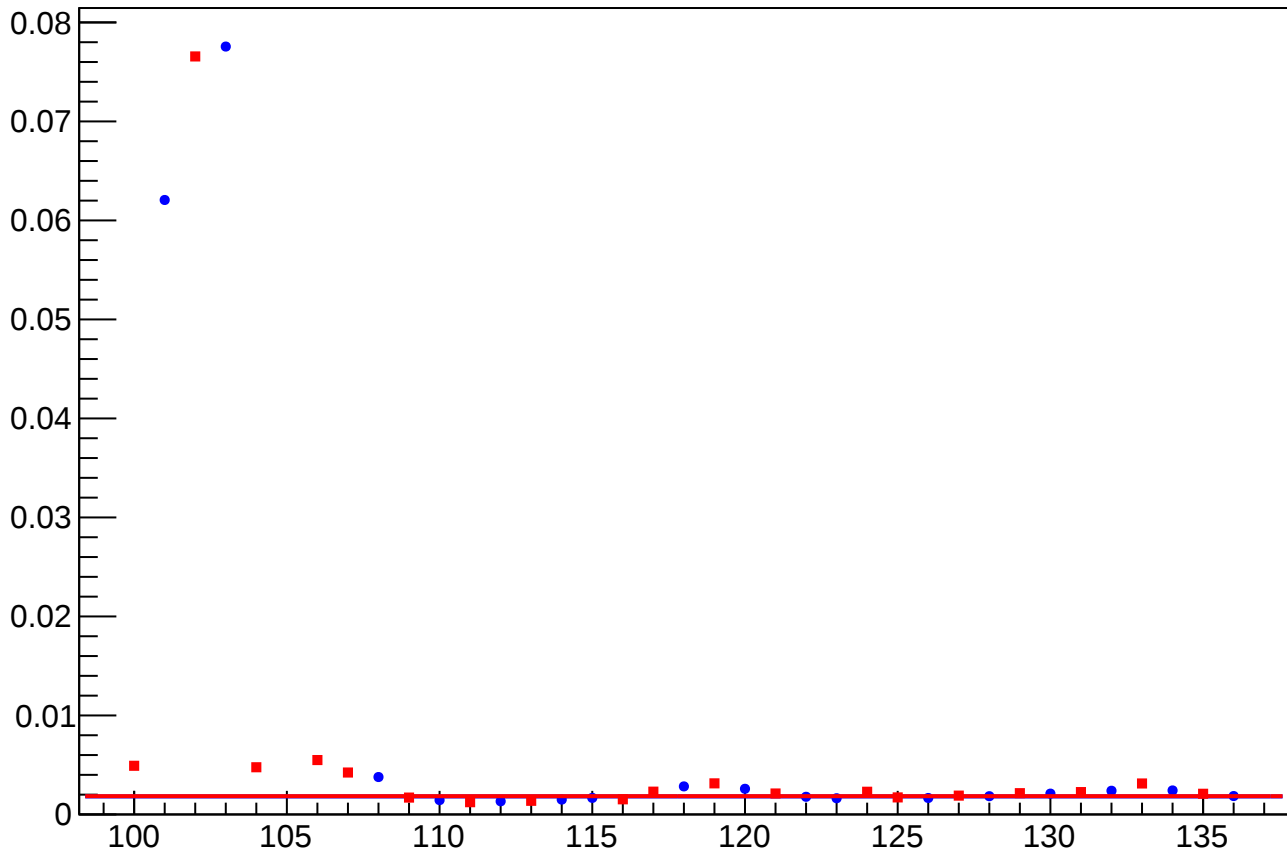
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.666+/-0.000 χ^2/NDF : 163167327359.4/16

2.665+/-0.000 χ^2/NDF : 233637932741.5/16

2.663+/-0.000 χ^2/NDF : 70465922629.9/18

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2661372.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2334151.2/18

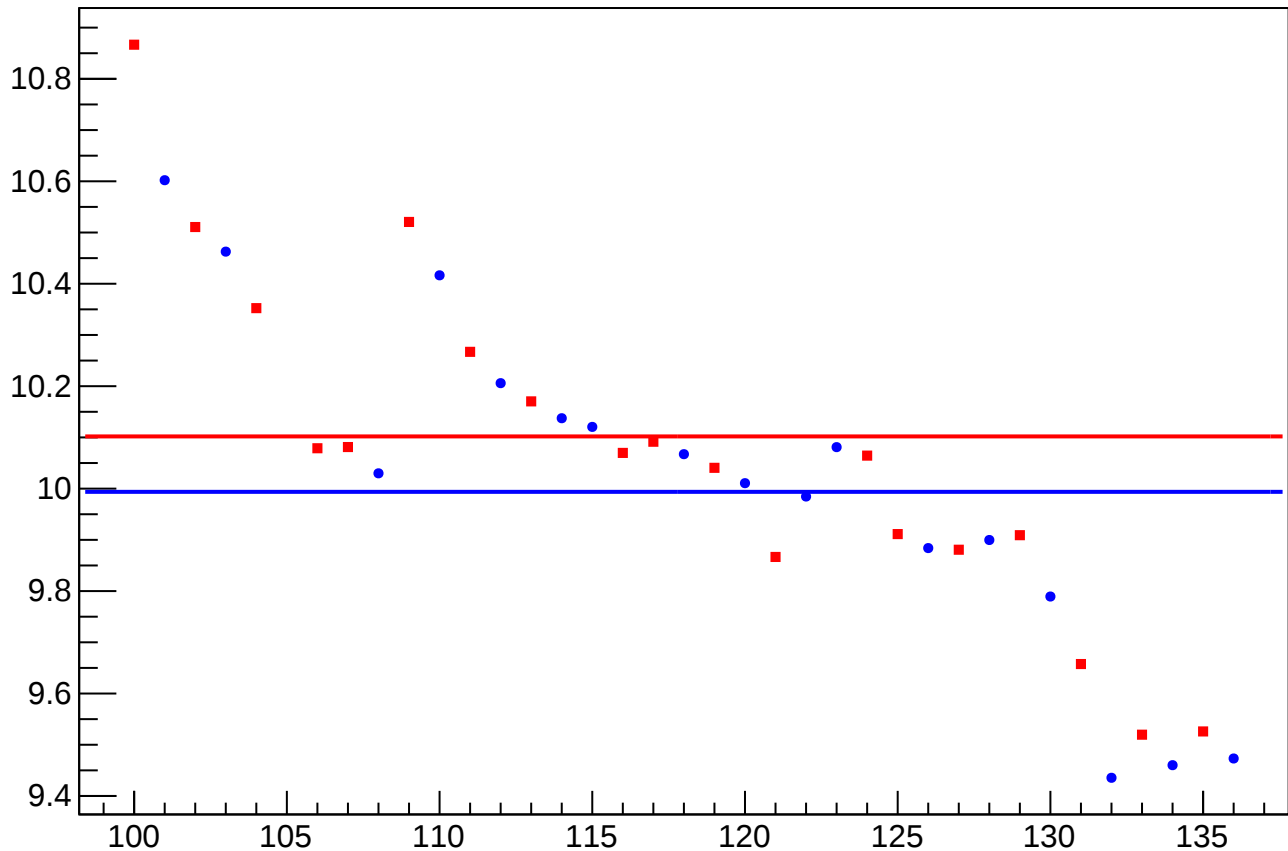
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 2661372.0/16

0.002+/-0.000 χ^2/NDF : 4996763.9/35

0.002+/-0.000 χ^2/NDF : 2334151.2/18

yield_sam8_mean vs Slug, Sign Corrected



Right In: 9.994+/-0.000 χ^2/NDF : 18815741664.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.102+/-0.000 χ^2/NDF : 13033934880.0/18

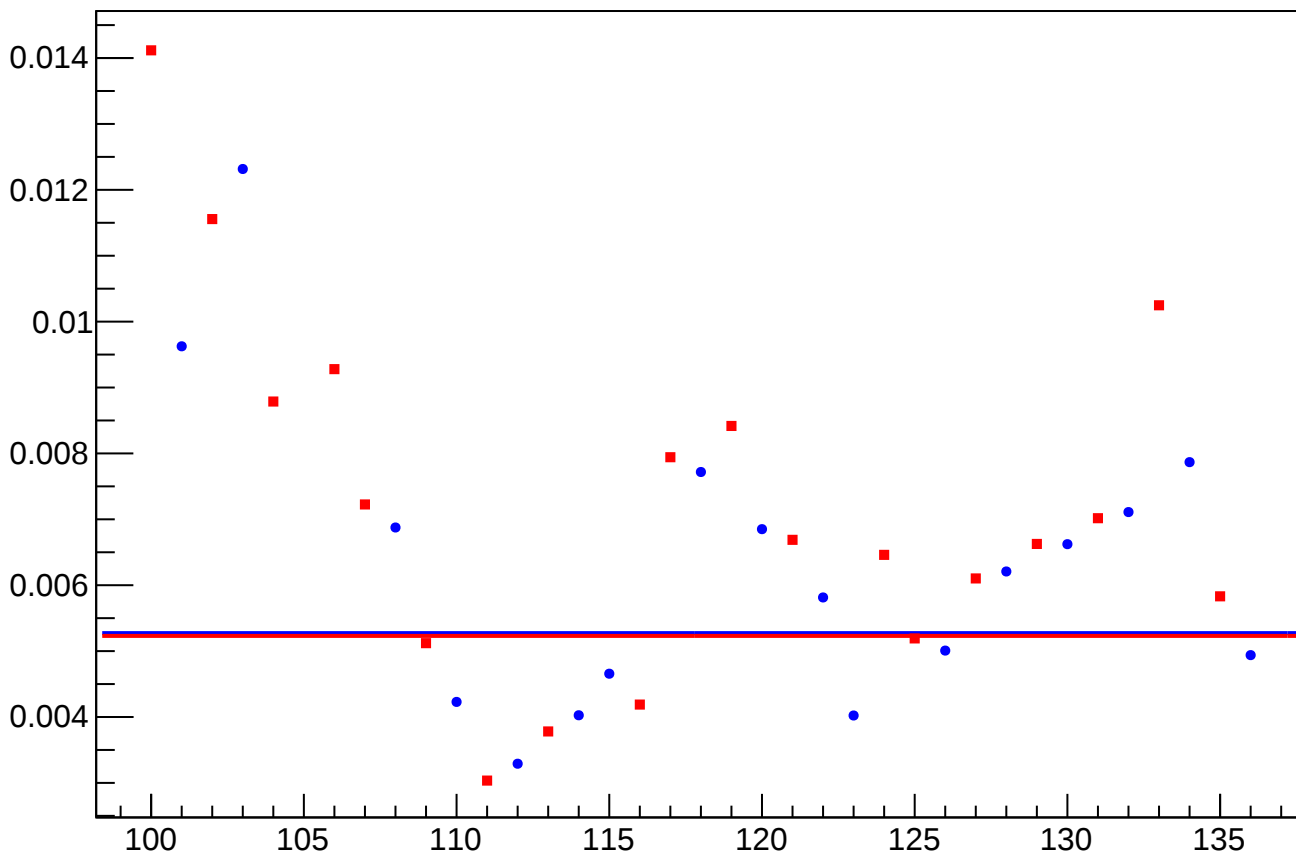
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.994+/-0.000 χ^2/NDF : 18815741664.6/16

10.049+/-0.000 χ^2/NDF : 32925322811.1/16

10.102+/-0.000 χ^2/NDF : 13033934880.0/18

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1245563.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1666969.5/18

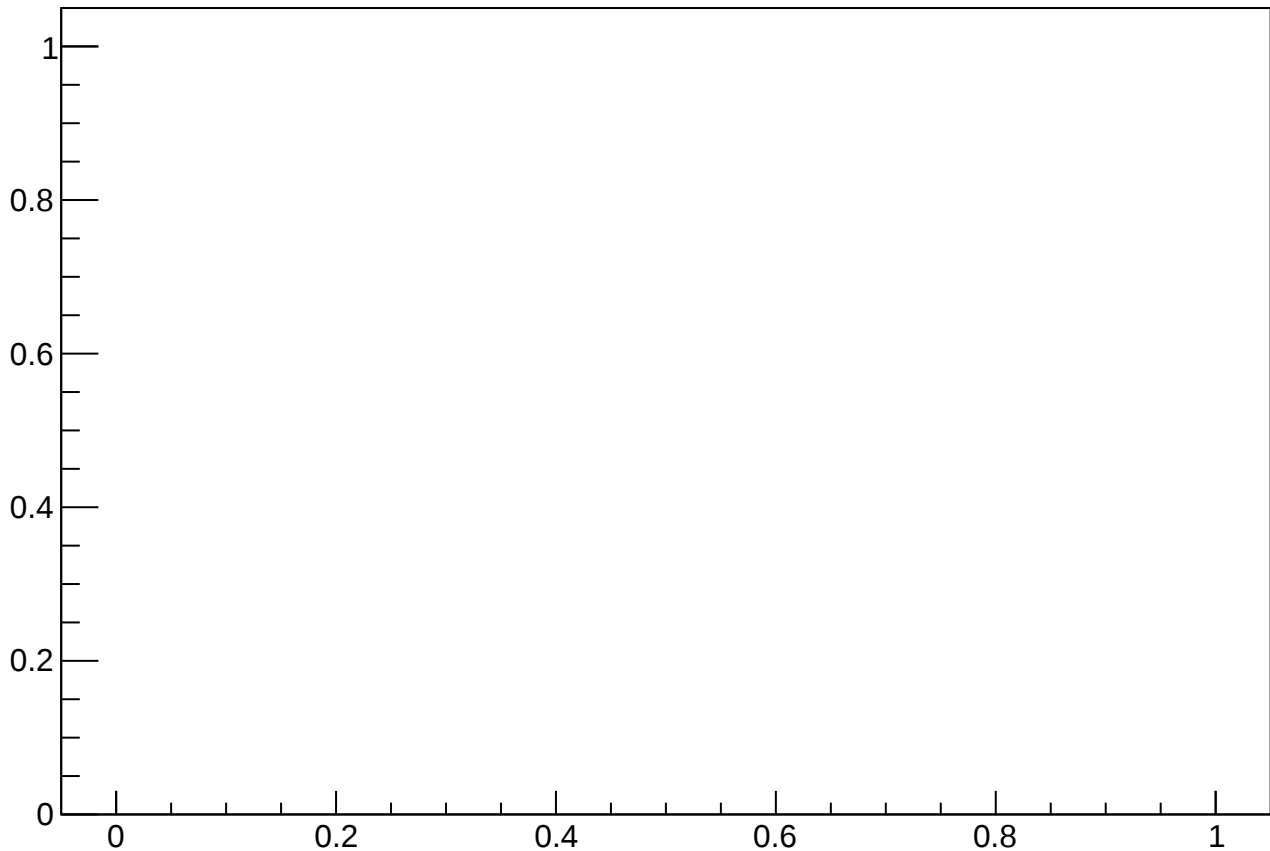
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 1245563.1/16

0.005+/-0.000 χ^2/NDF : 2912860.0/35

0.005+/-0.000 χ^2/NDF : 1666969.5/18

cor_sam1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam1_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_sam2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

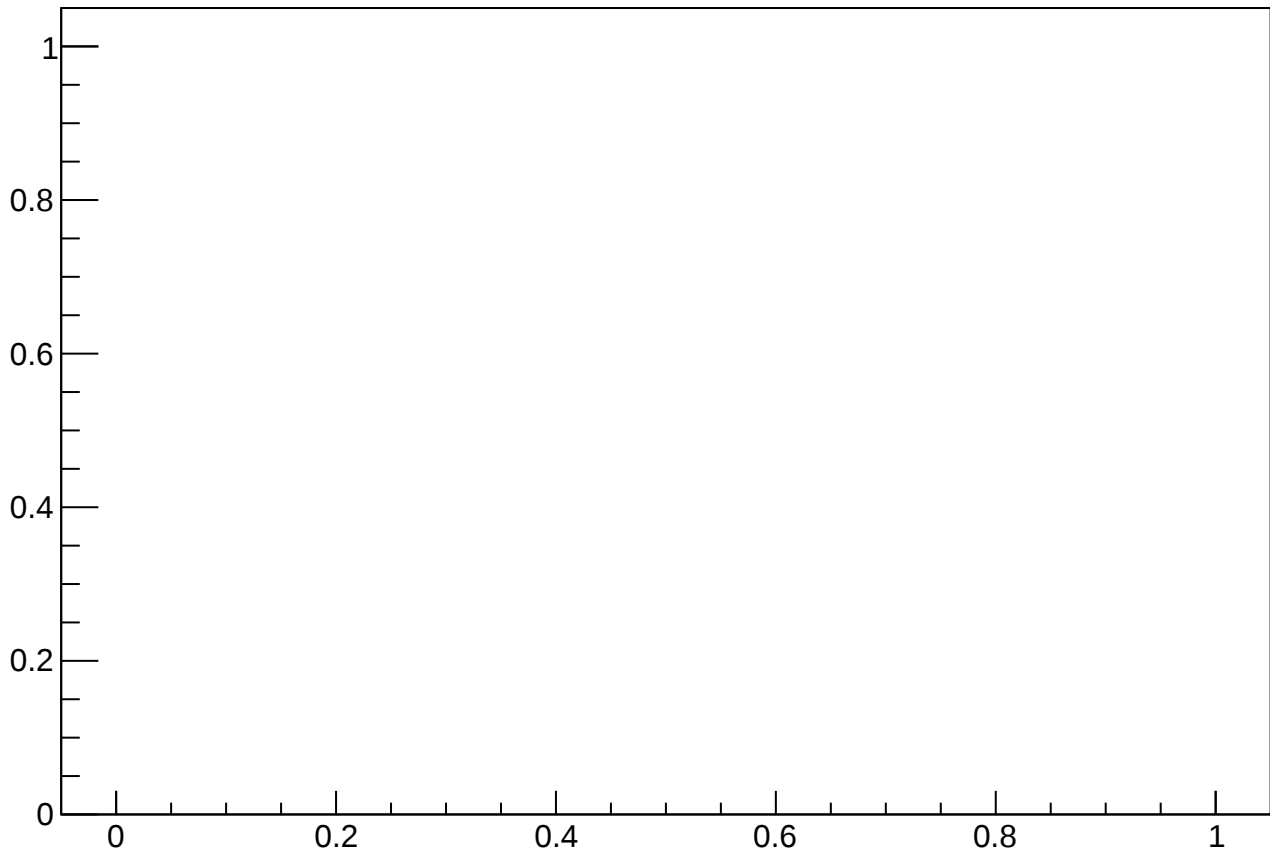
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

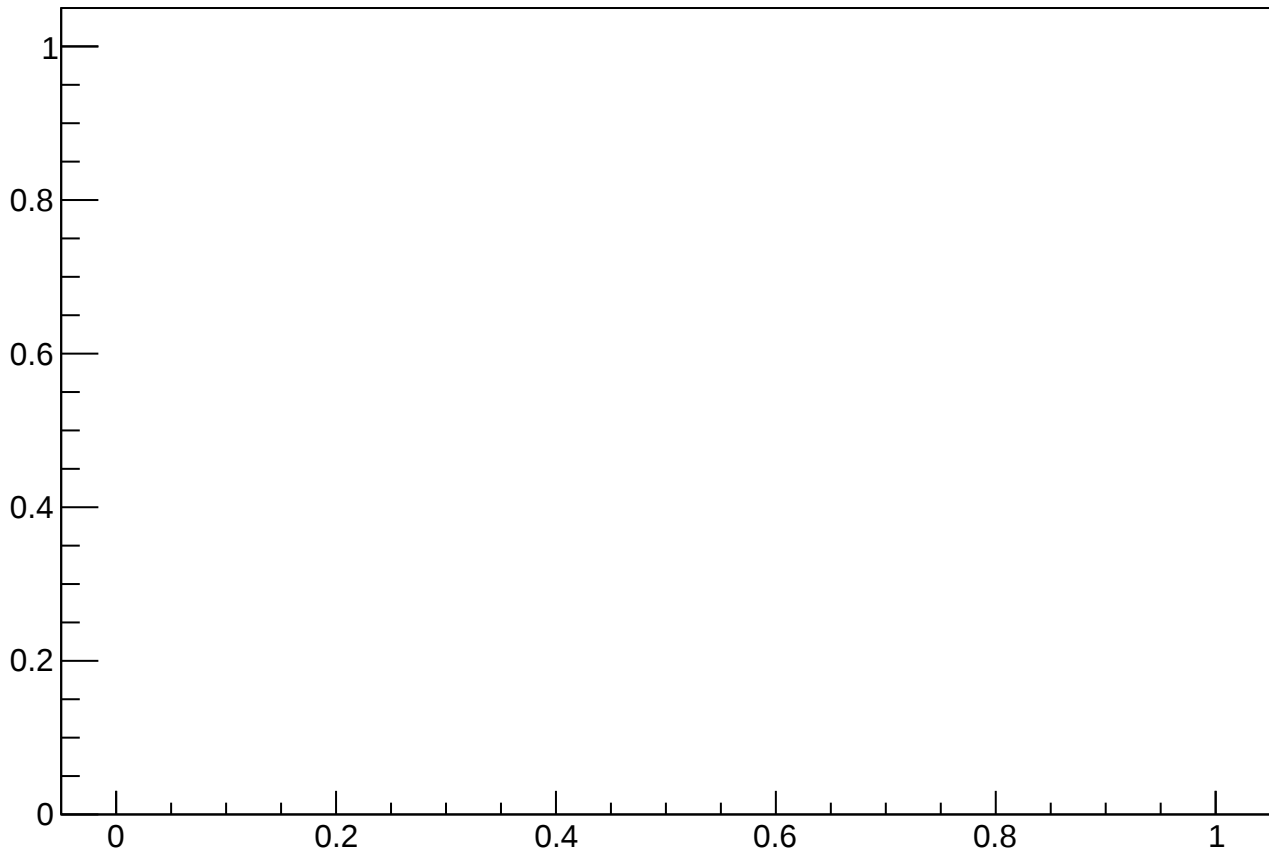
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam3_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam4_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

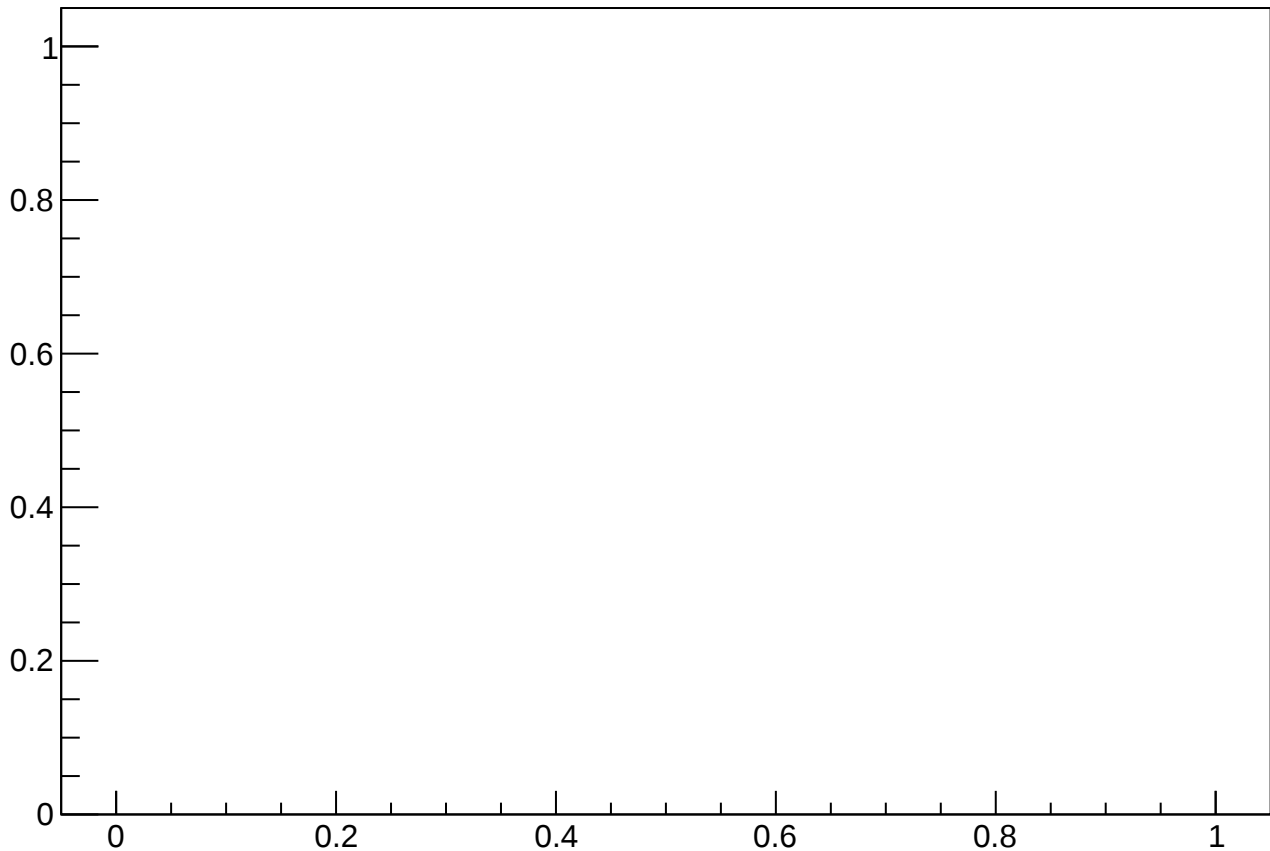
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam5_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam5_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

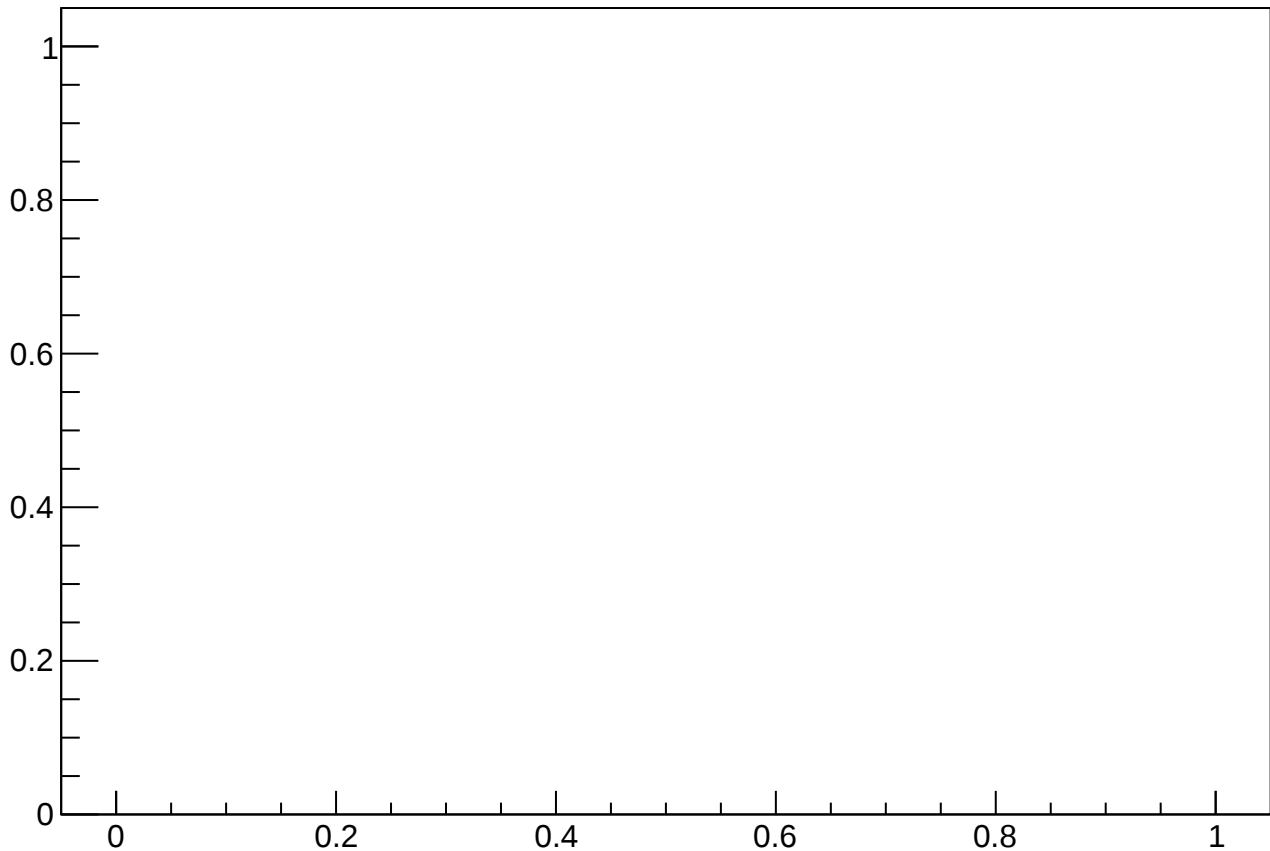
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam6_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

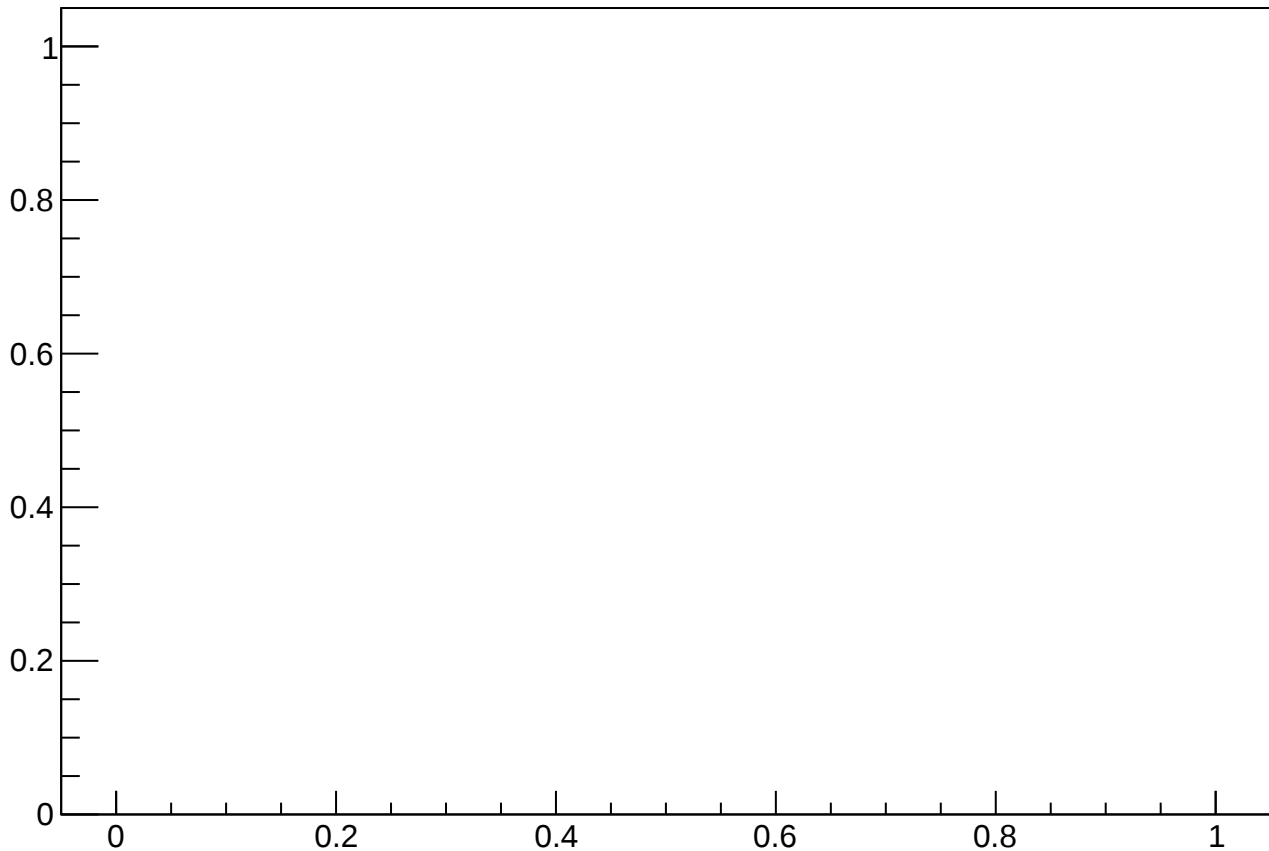
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

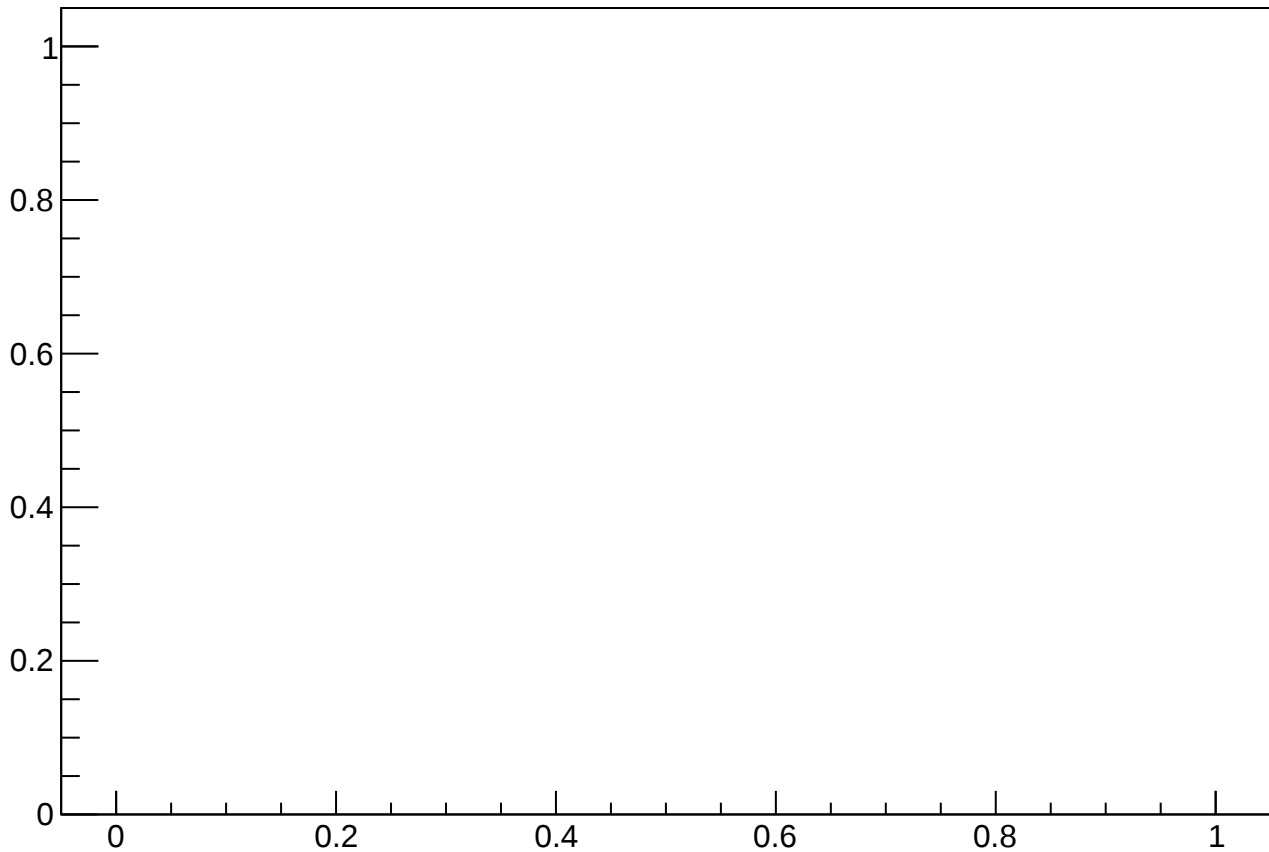
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam7_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_sam8_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam8_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

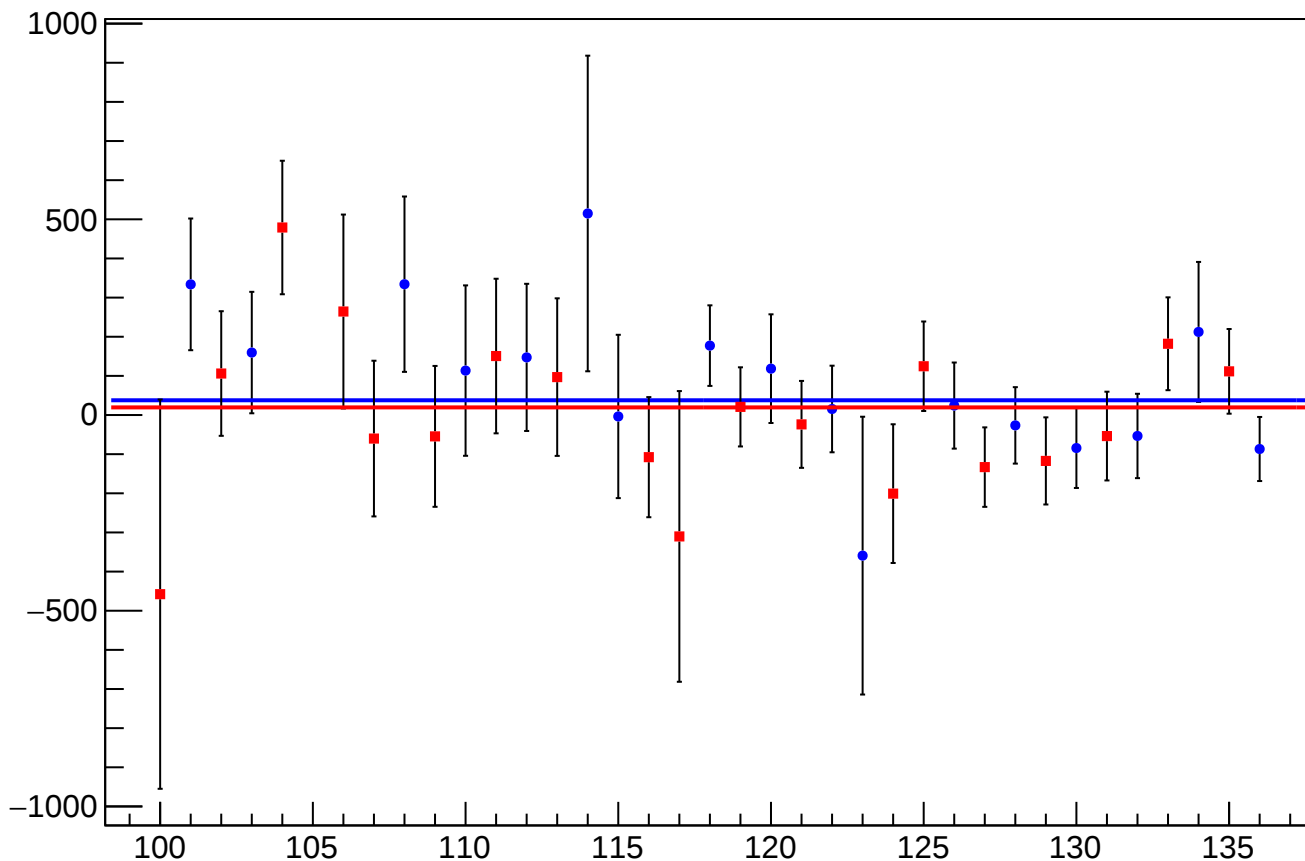
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_mean vs Slug, Sign Corrected



Right In: 37.694+/-32.253 χ^2/NDF : 16.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.488+/-32.448 χ^2/NDF : 21.2/18

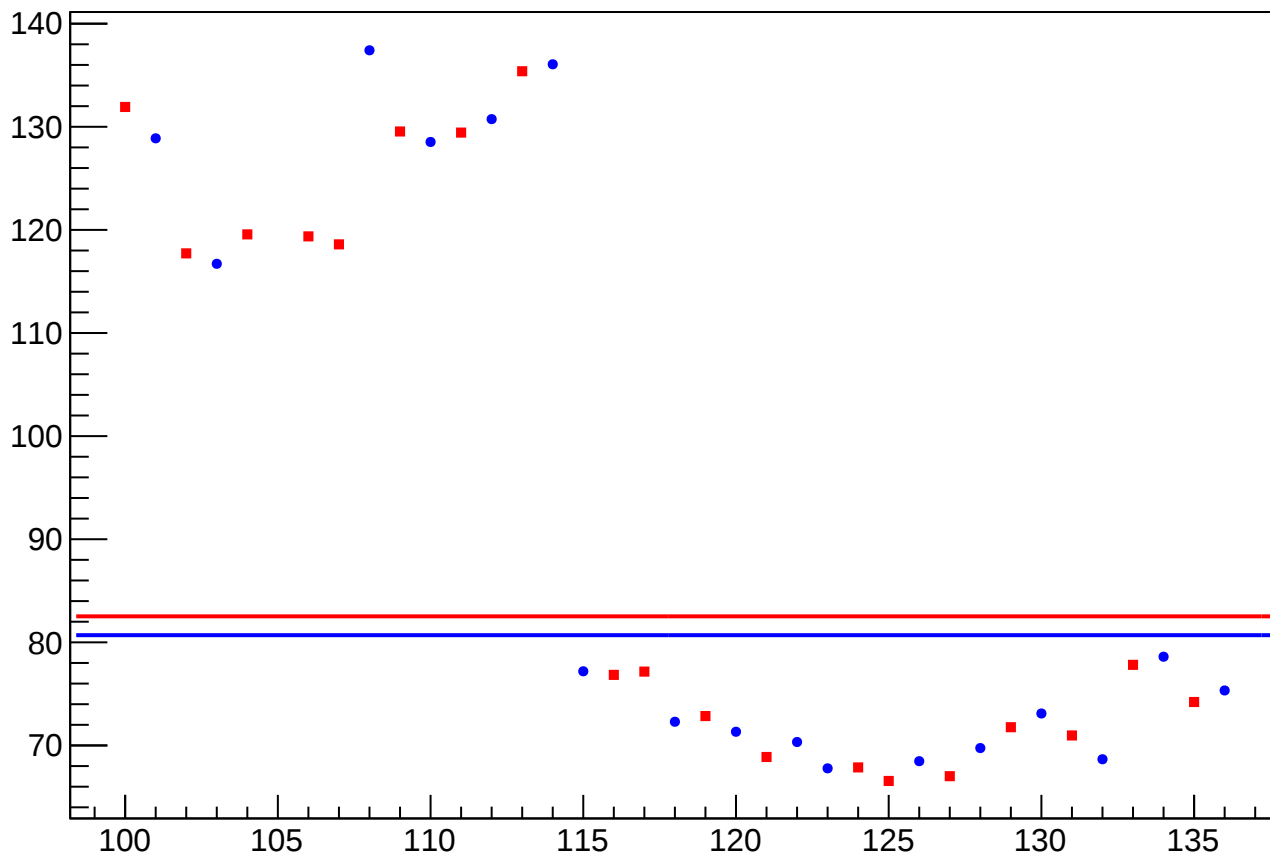
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

37.694+/-32.253 χ^2/NDF : 16.7/16

28.646+/-22.875 χ^2/NDF : 38.0/35

19.488+/-32.448 χ^2/NDF : 21.2/18

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 80.694+/-0.023 χ^2/NDF : 814026.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.522+/-0.023 χ^2/NDF : 914695.3/18

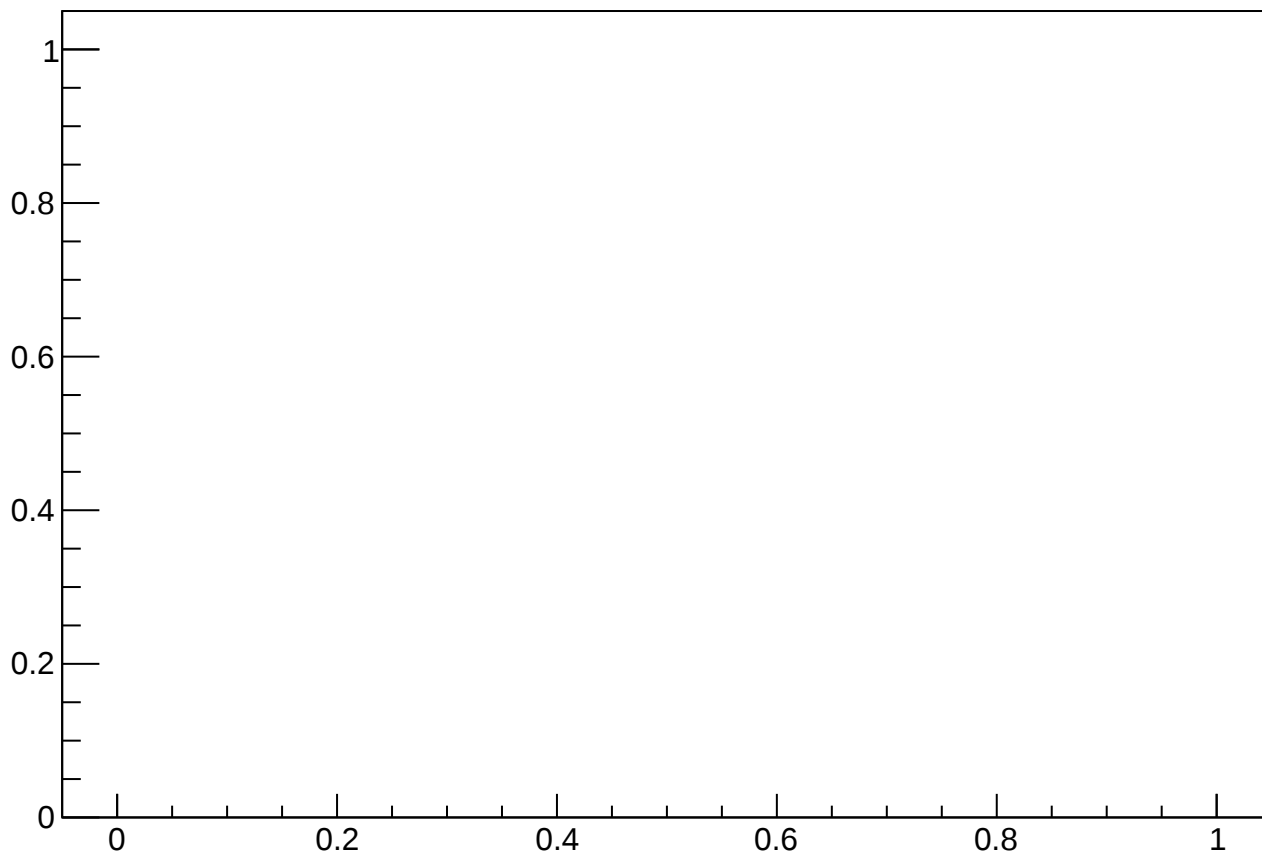
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

80.694+/-0.023 χ^2/NDF : 814026.4/16

81.602+/-0.016 χ^2/NDF : 1731912.6/35

82.522+/-0.023 χ^2/NDF : 914695.3/18

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

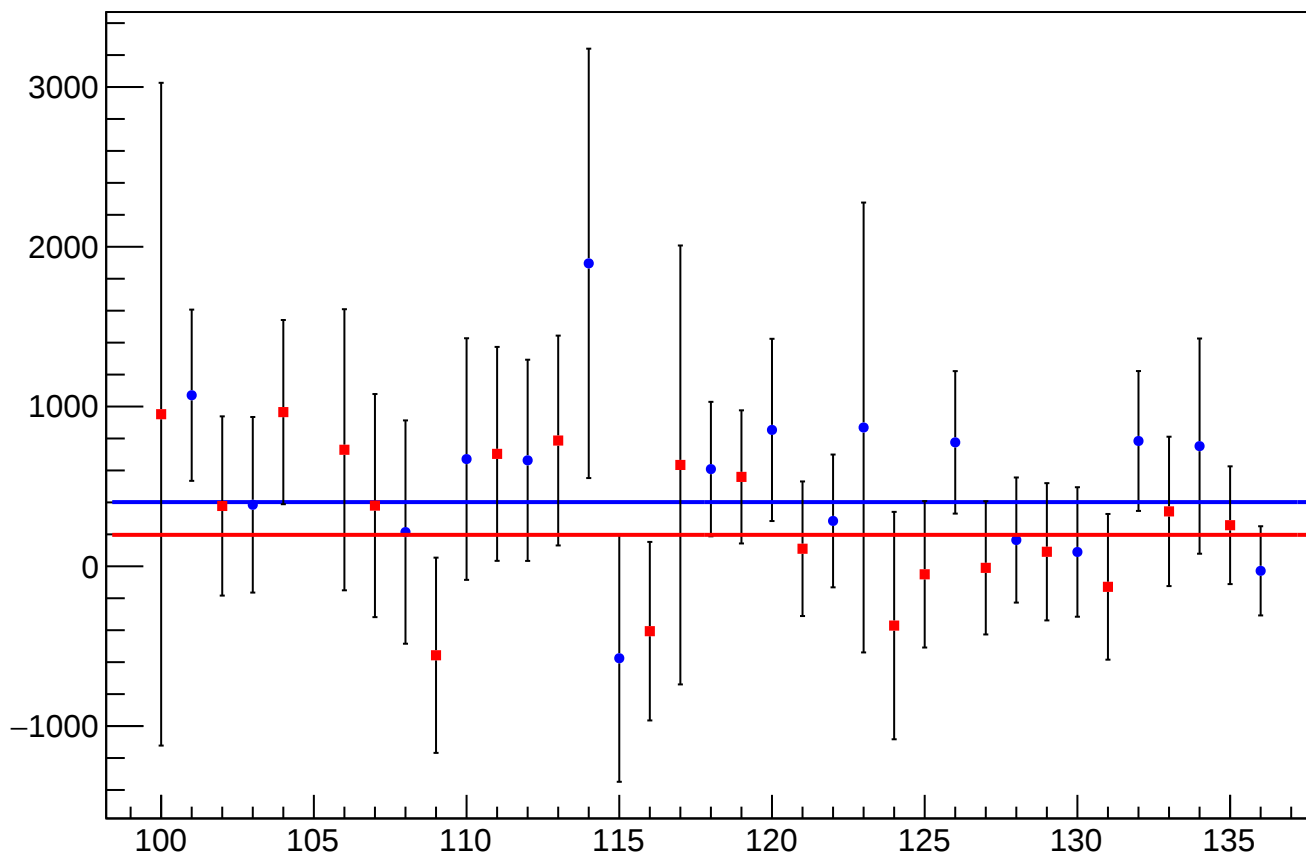
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 401.871+/-121.048 χ^2/NDF : 10.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 196.856+/-122.376 χ^2/NDF : 9.3/18

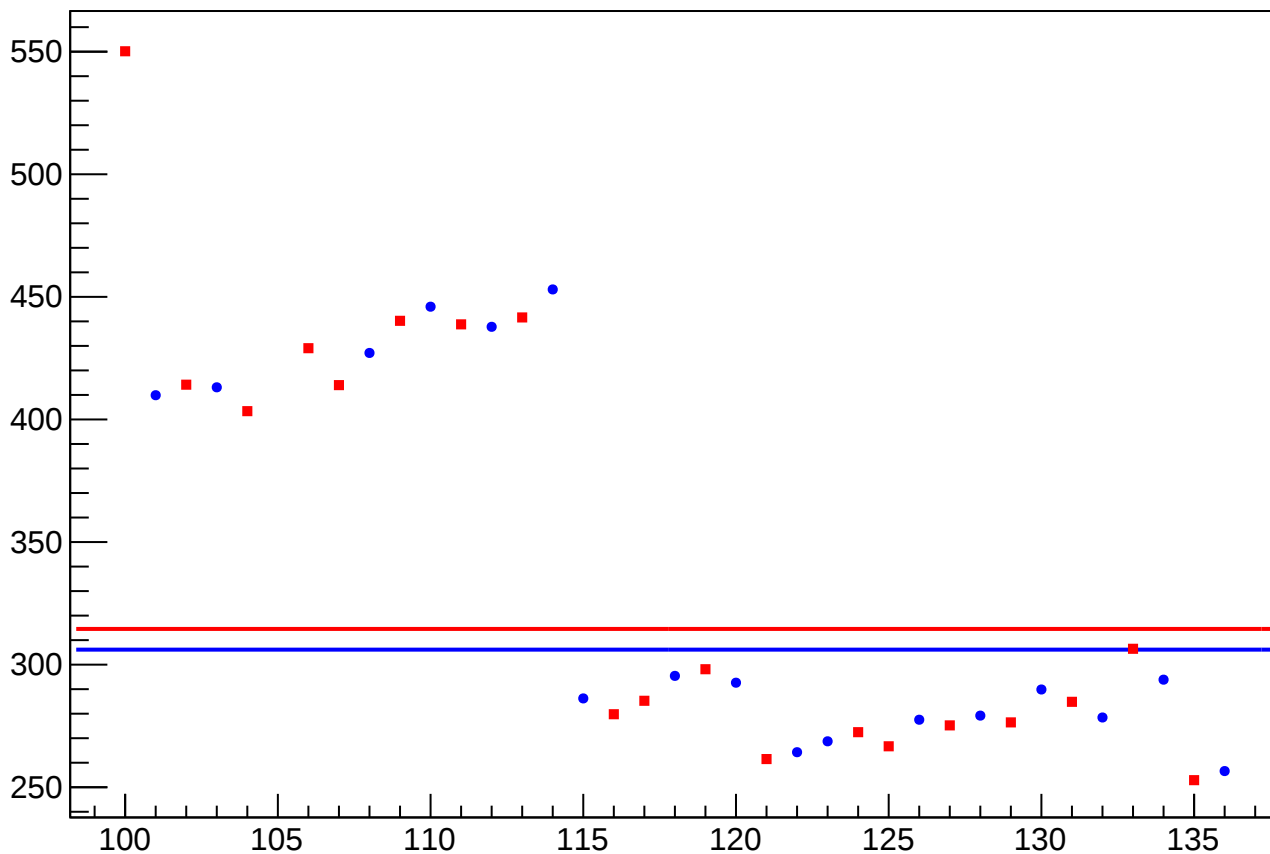
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

401.871+/-121.048 χ^2/NDF : 10.9/16

300.483+/-86.059 χ^2/NDF : 21.6/35

196.856+/-122.376 χ^2/NDF : 9.3/18

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 306.123+/-0.086 χ^2/NDF : 508435.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 314.568+/-0.087 χ^2/NDF : 610060.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

306.123+/-0.086 χ^2/NDF : 508435.8/16

310.300+/-0.061 χ^2/NDF : 1123310.7/35

314.568+/-0.087 χ^2/NDF : 610060.9/18

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

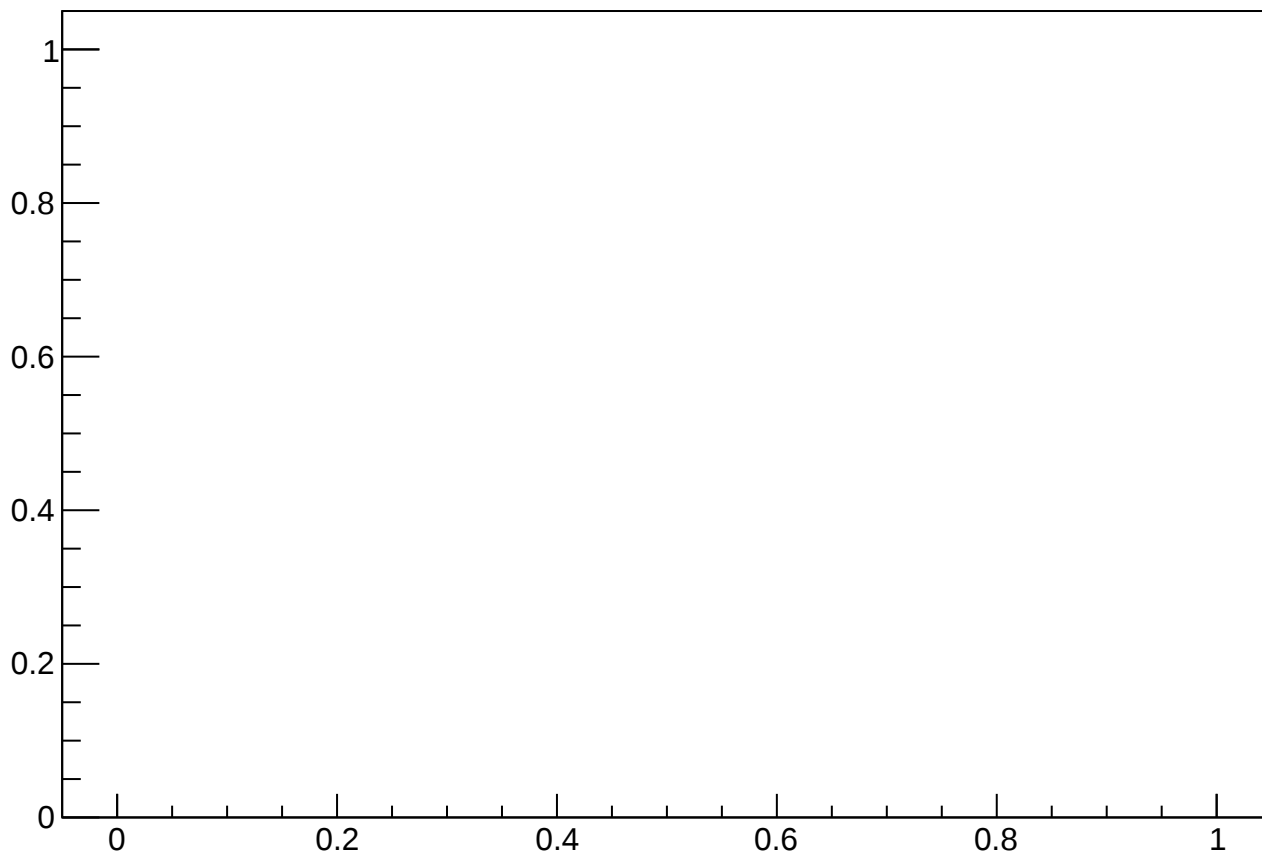
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

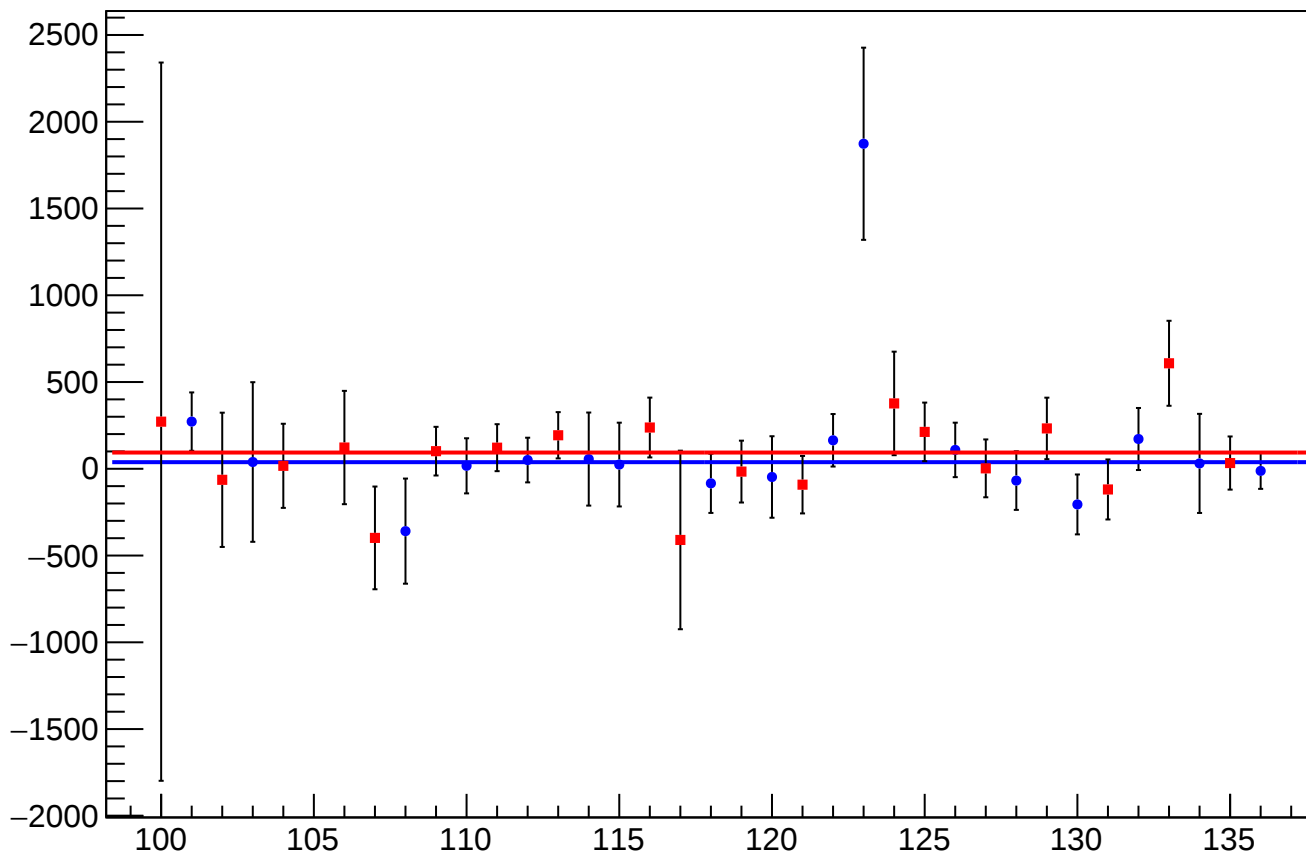
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 38.126+/-43.548 χ^2/NDF : 19.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.622+/-43.913 χ^2/NDF : 15.3/18

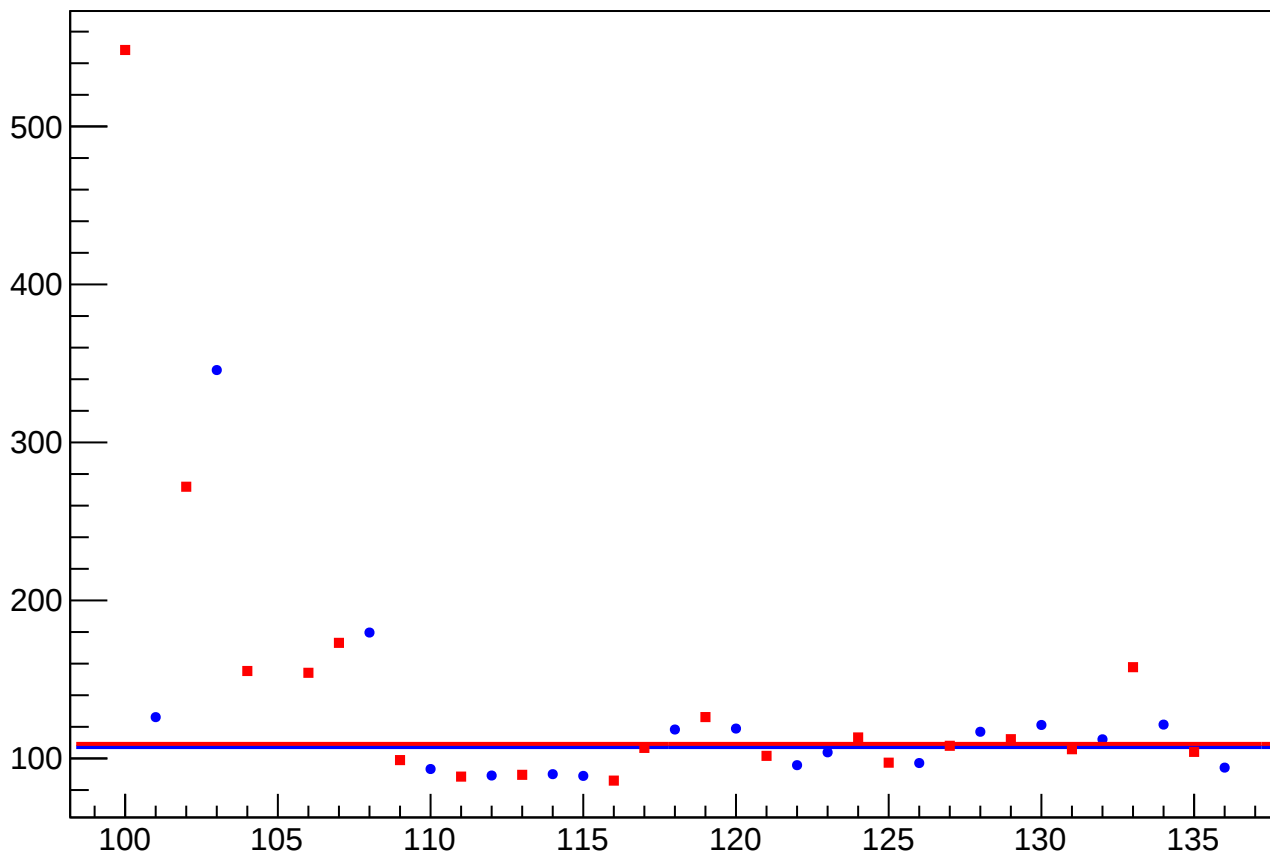
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

38.126+/-43.548 χ^2/NDF : 19.4/16

65.642+/-30.921 χ^2/NDF : 35.5/35

93.622+/-43.913 χ^2/NDF : 15.3/18

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 107.189 $\pm$ 0.031 χ^2 /NDF: 843115.1/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 109.210 $\pm$ 0.031 χ^2 /NDF: 899556.8/18

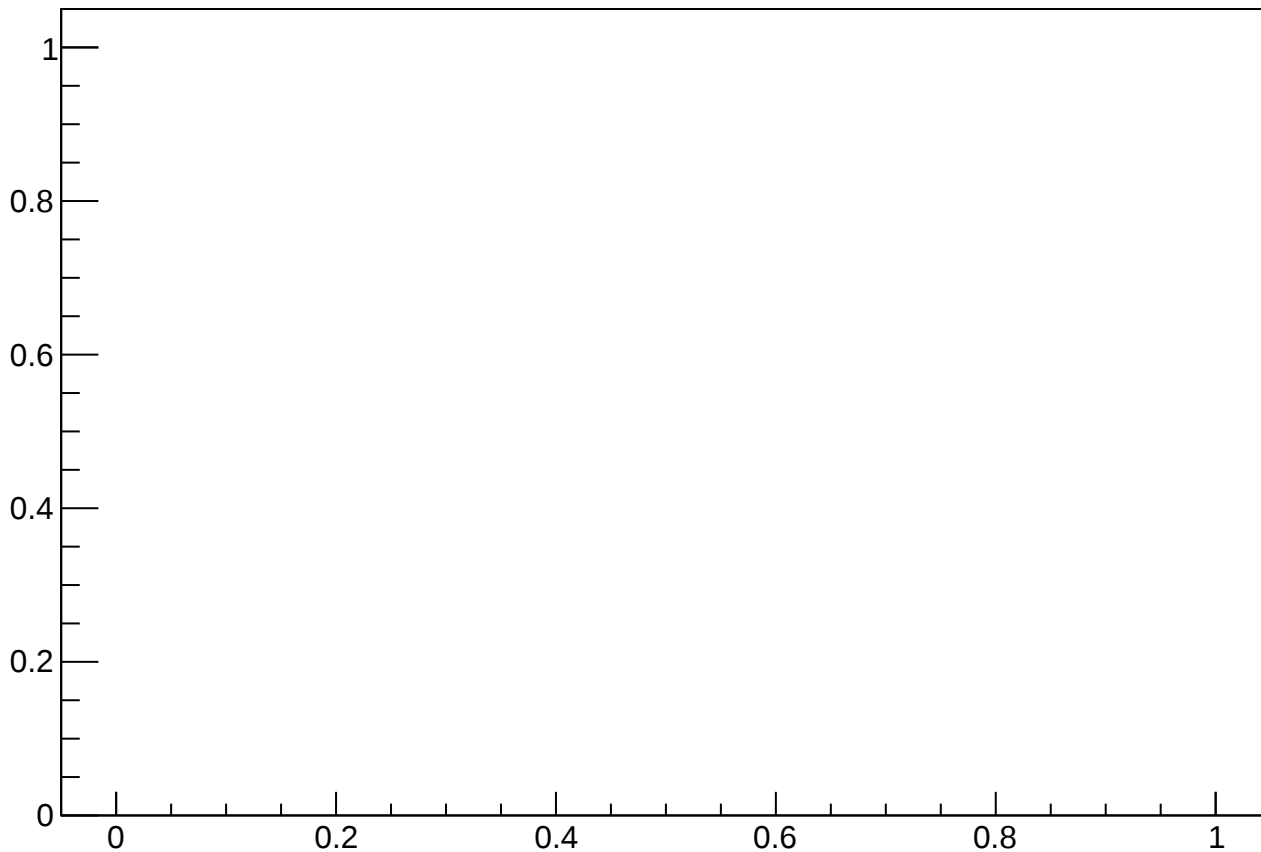
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

107.189 $\pm$ 0.031 χ^2 /NDF: 843115.1/16

108.191 $\pm$ 0.022 χ^2 /NDF: 1744807.5/35

109.210 $\pm$ 0.031 χ^2 /NDF: 899556.8/18

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

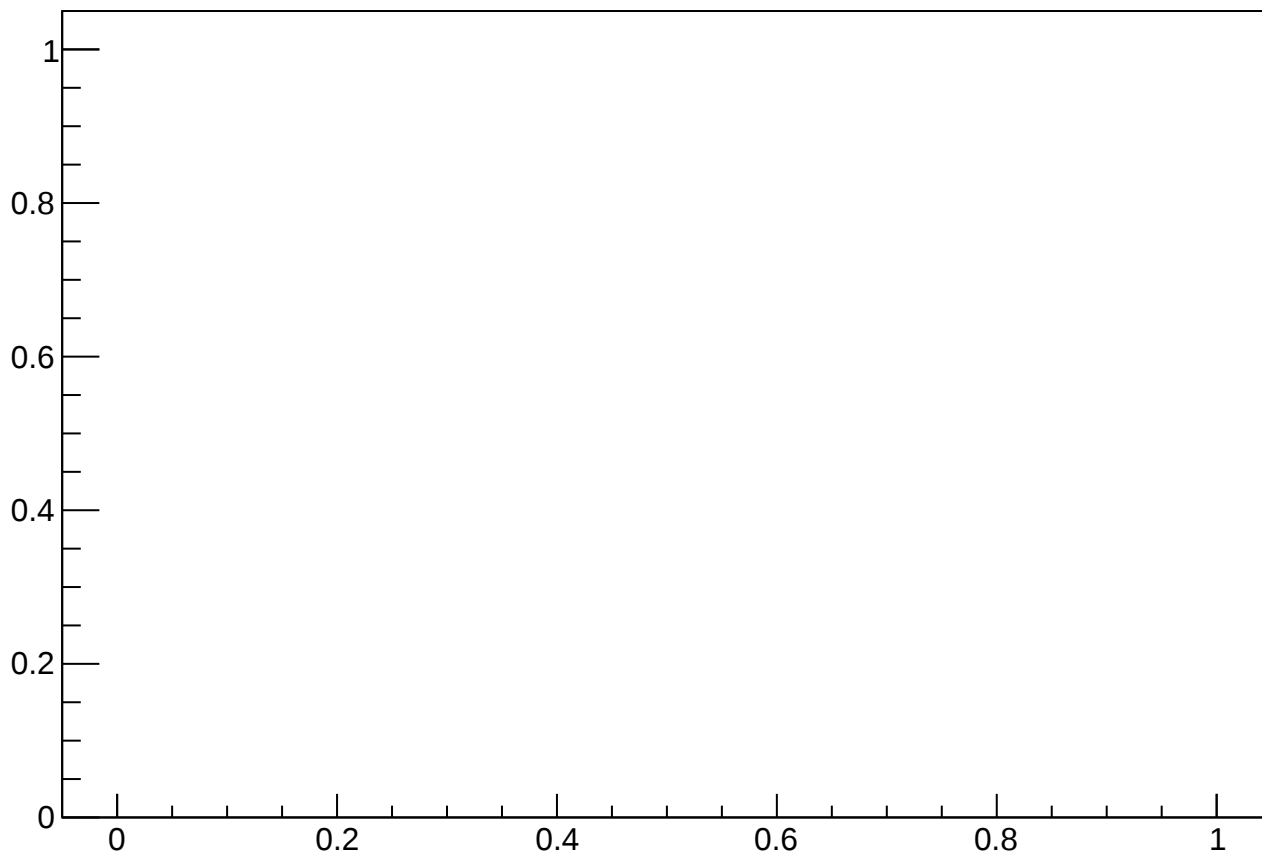
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

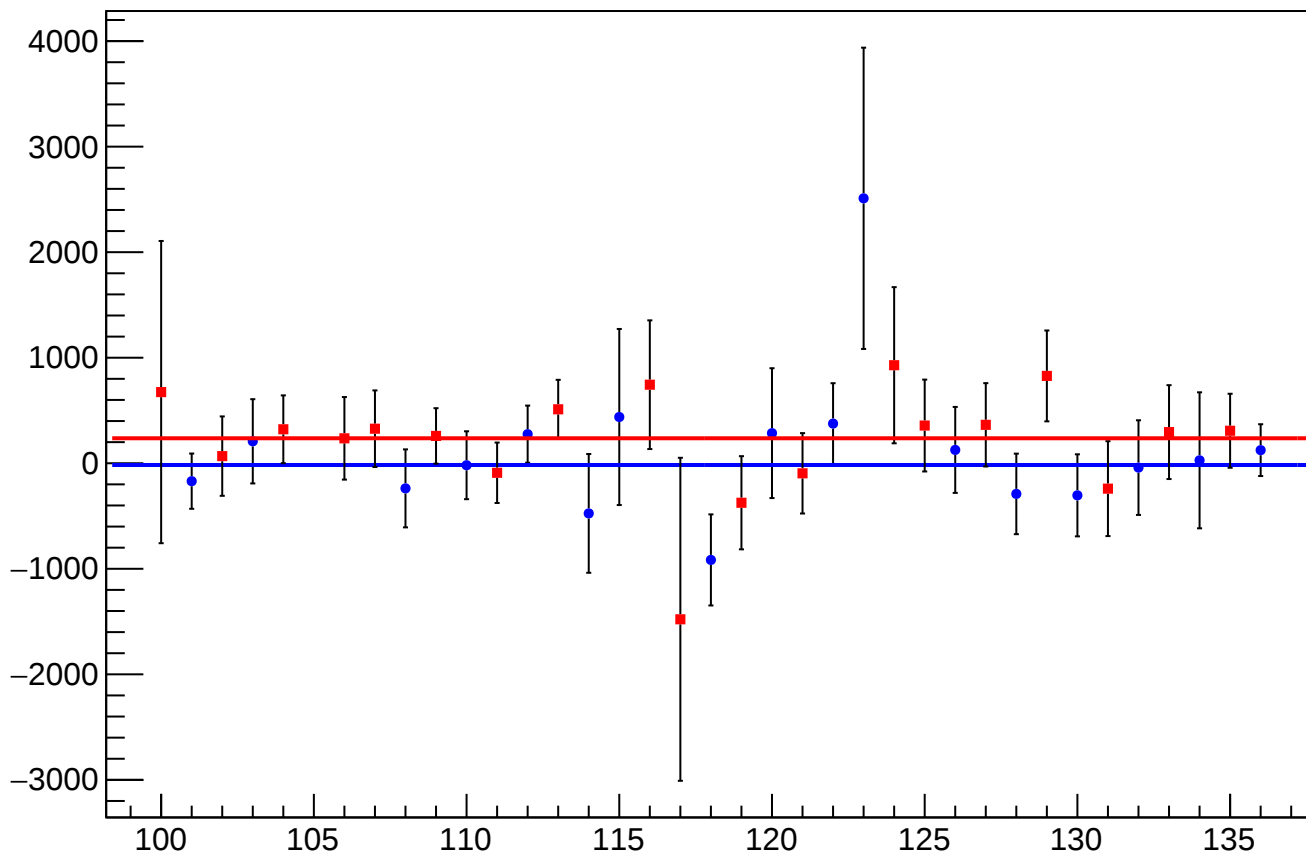
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: -16.459+/-93.285 χ^2/NDF : 13.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 236.737+/-90.137 χ^2/NDF : 11.5/18

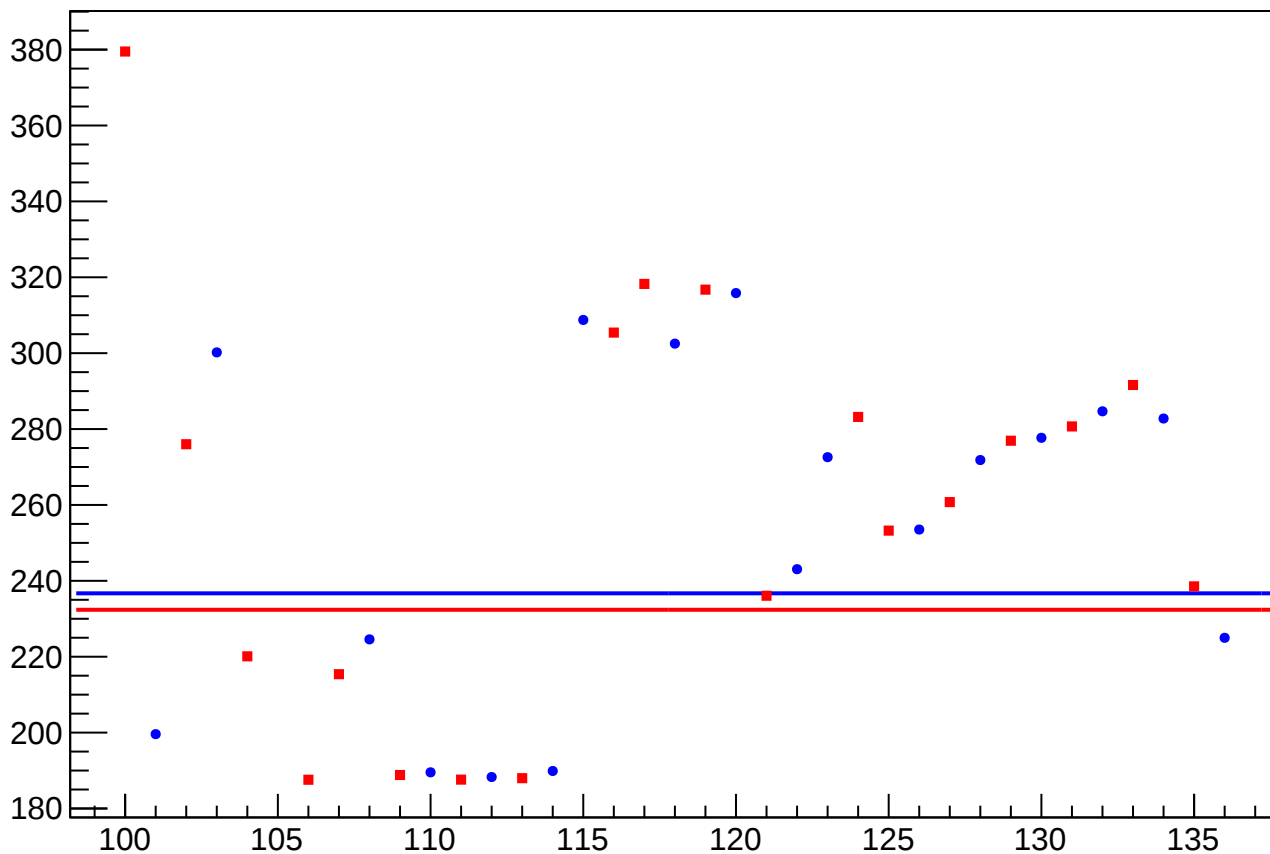
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-16.459+/-93.285 χ^2/NDF : 13.4/16

114.482+/-64.821 χ^2/NDF : 28.7/35

236.737+/-90.137 χ^2/NDF : 11.5/18

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 236.706+/-0.066 χ^2/NDF : 390344.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 232.372+/-0.064 χ^2/NDF : 449103.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

236.706+/-0.066 χ^2/NDF : 390344.9/16

234.465+/-0.046 χ^2/NDF : 841680.5/35

232.372+/-0.064 χ^2/NDF : 449103.0/18

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

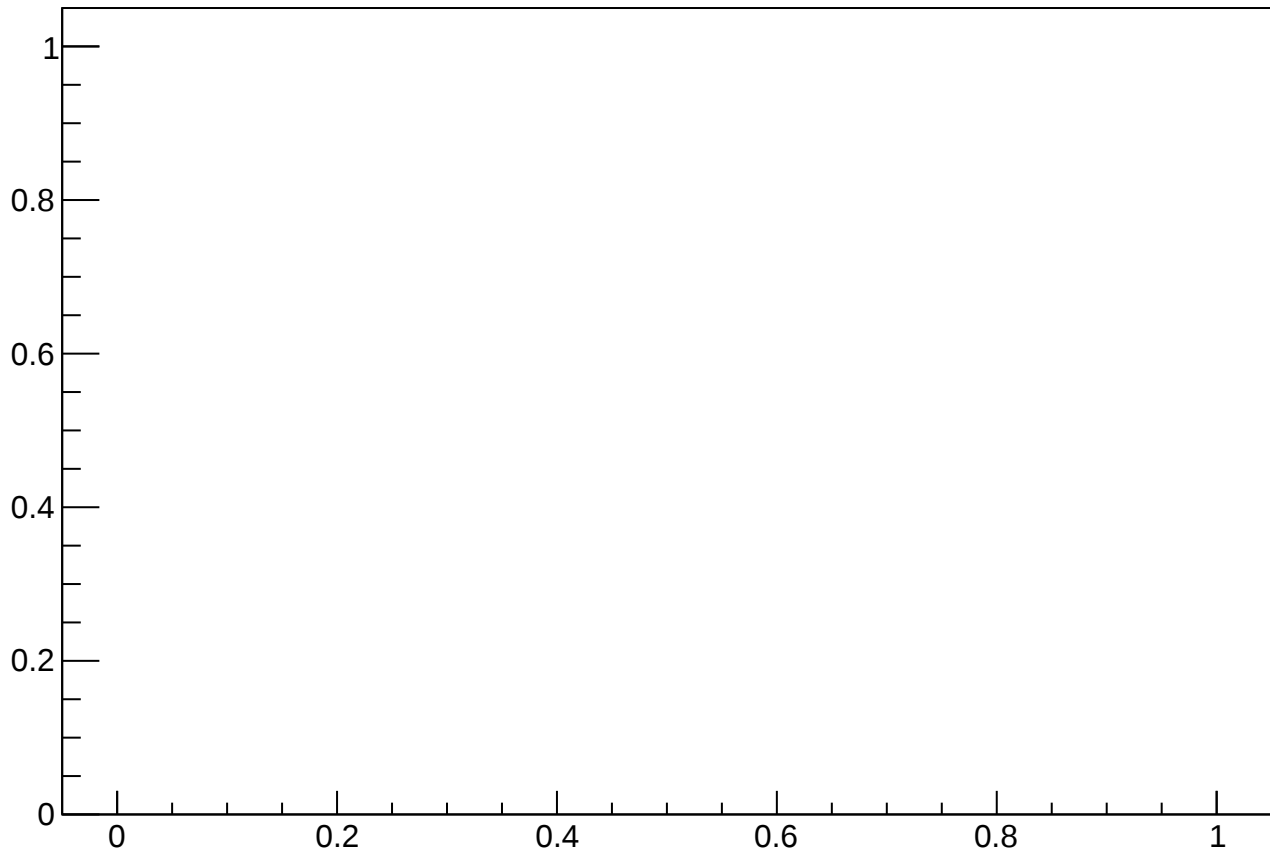
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

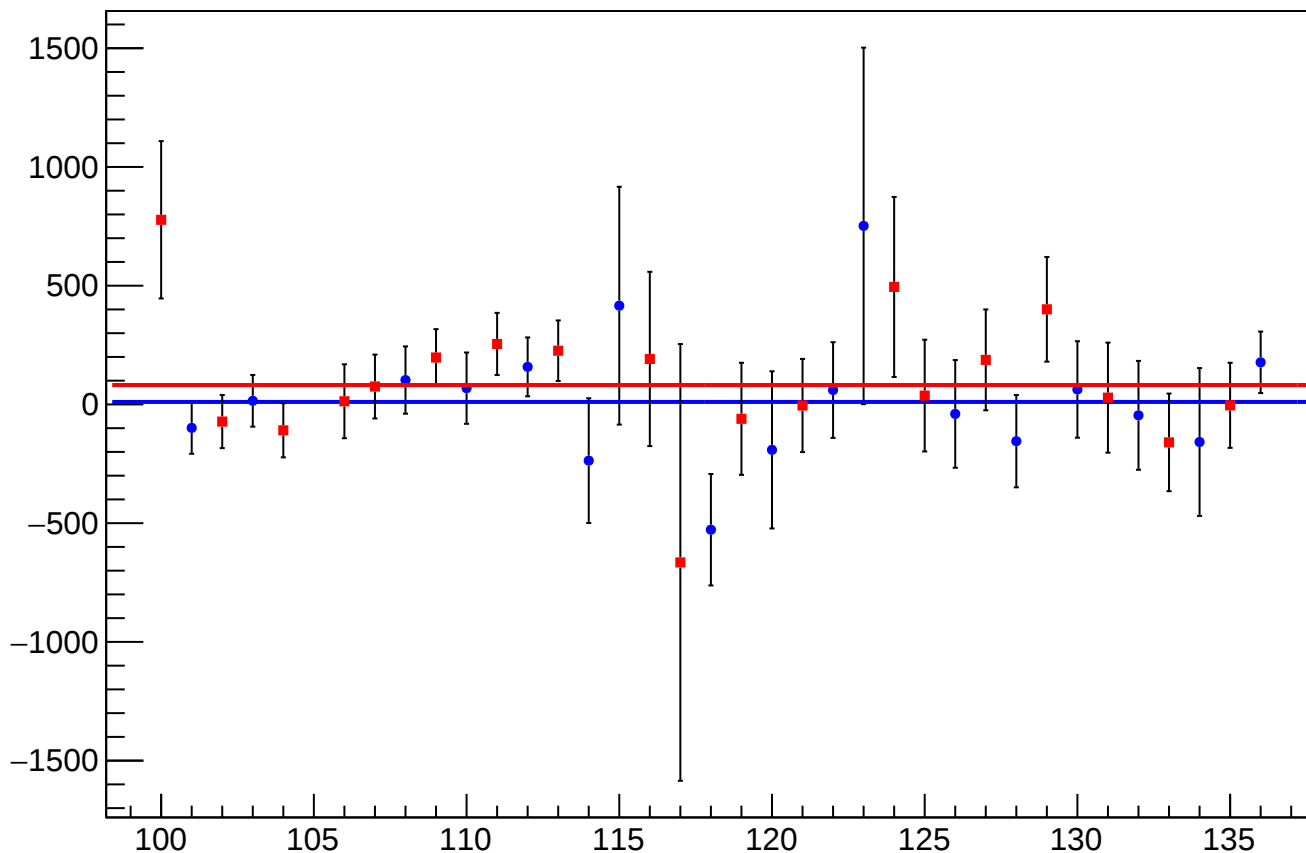
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: 10.530 $\pm$ 42.294 χ^2 /NDF: 14.1/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 81.797 $\pm$ 39.333 χ^2 /NDF: 19.8/18

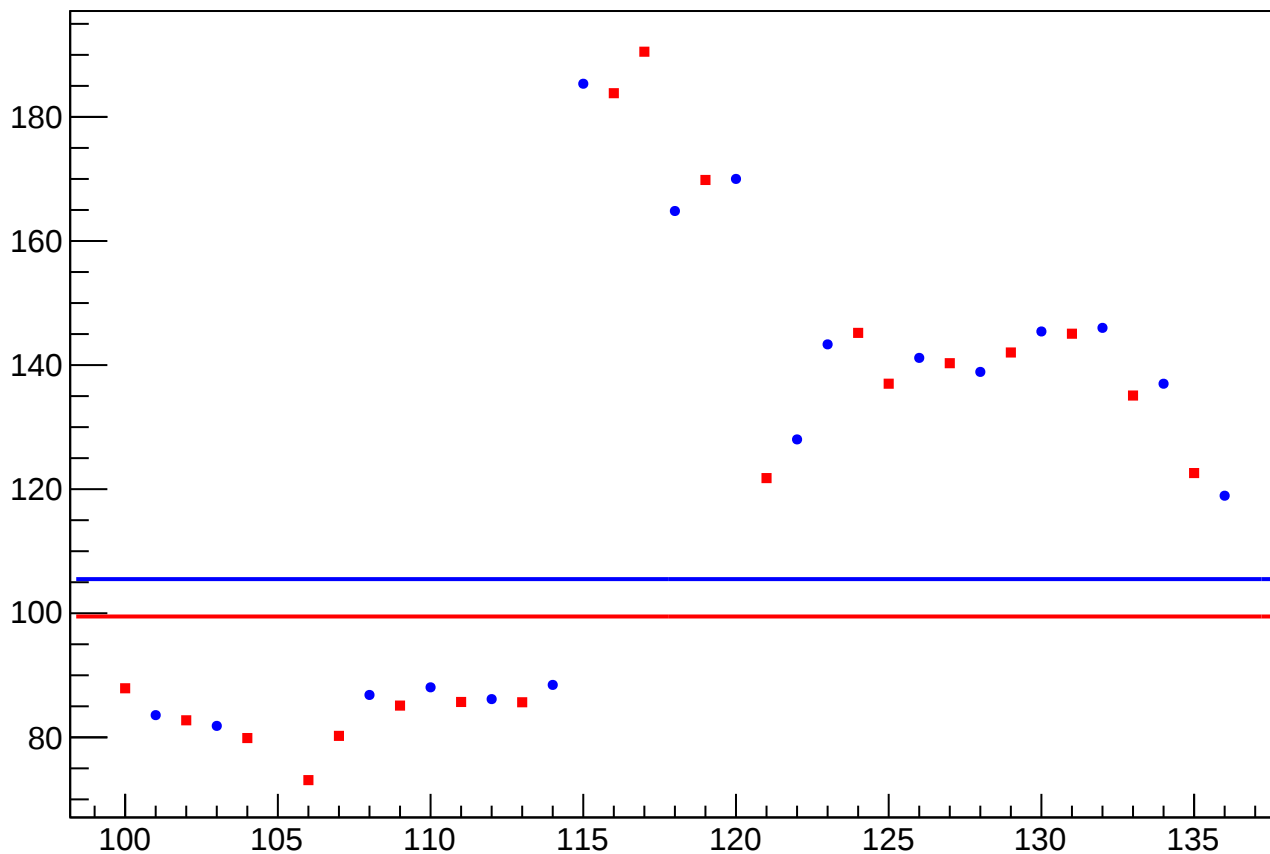
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

10.530 $\pm$ 42.294 χ^2 /NDF: 14.1/16

48.745 $\pm$ 28.803 χ^2 /NDF: 35.4/35

81.797 $\pm$ 39.333 χ^2 /NDF: 19.8/18

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 105.503+/-0.030 χ^2/NDF : 869022.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.477+/-0.028 χ^2/NDF : 1007255.5/18

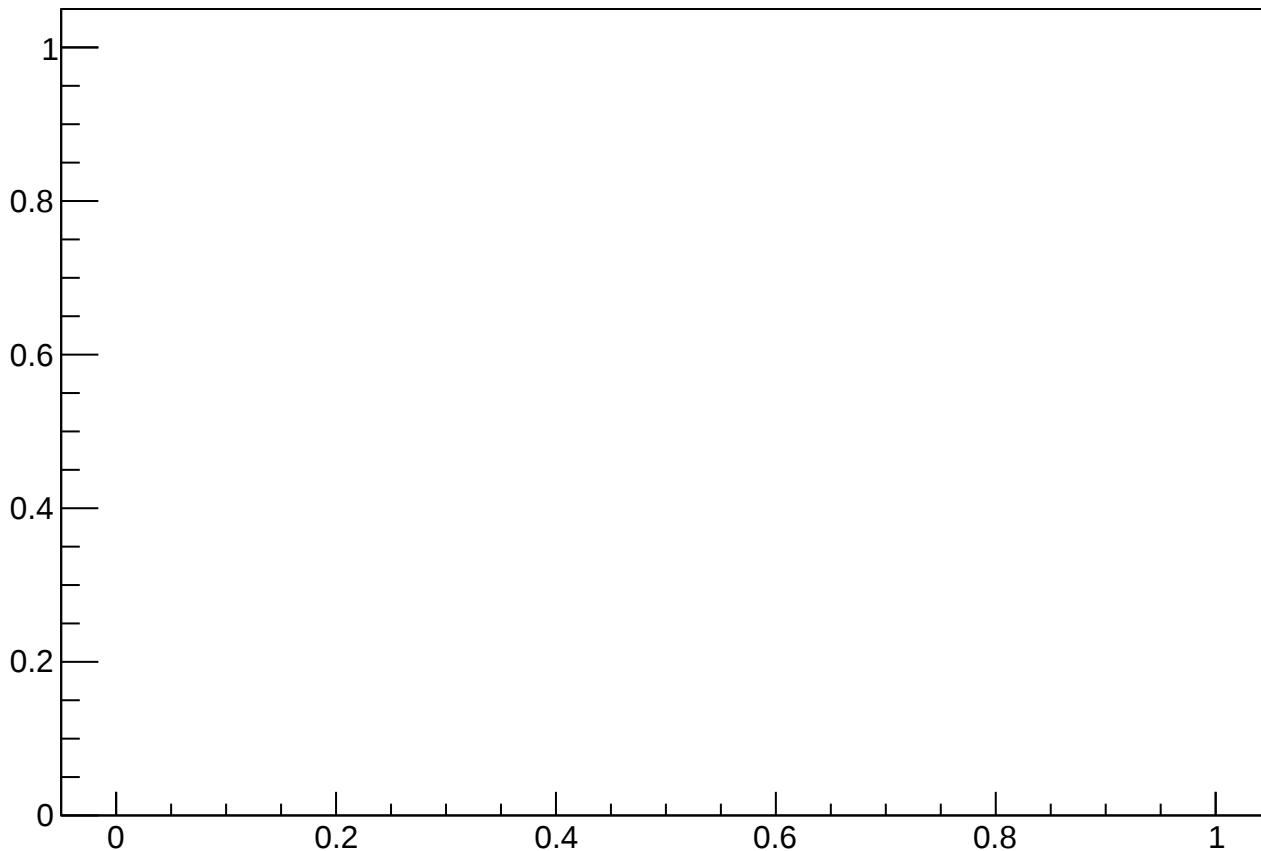
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

105.503+/-0.030 χ^2/NDF : 869022.6/16

102.272+/-0.020 χ^2/NDF : 1898042.9/35

99.477+/-0.028 χ^2/NDF : 1007255.5/18

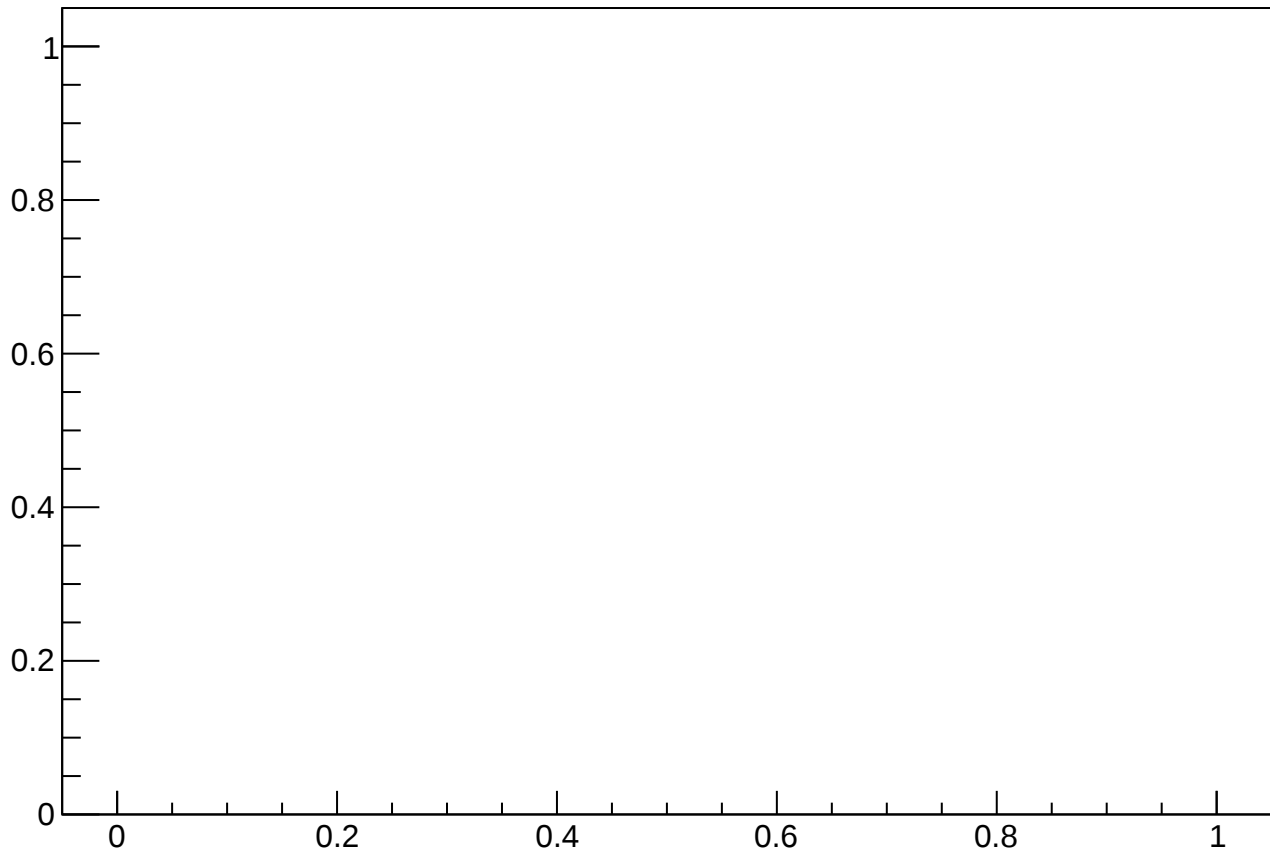
asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0
0.000+/-0.000 χ^2 /NDF: 0.0/0
0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

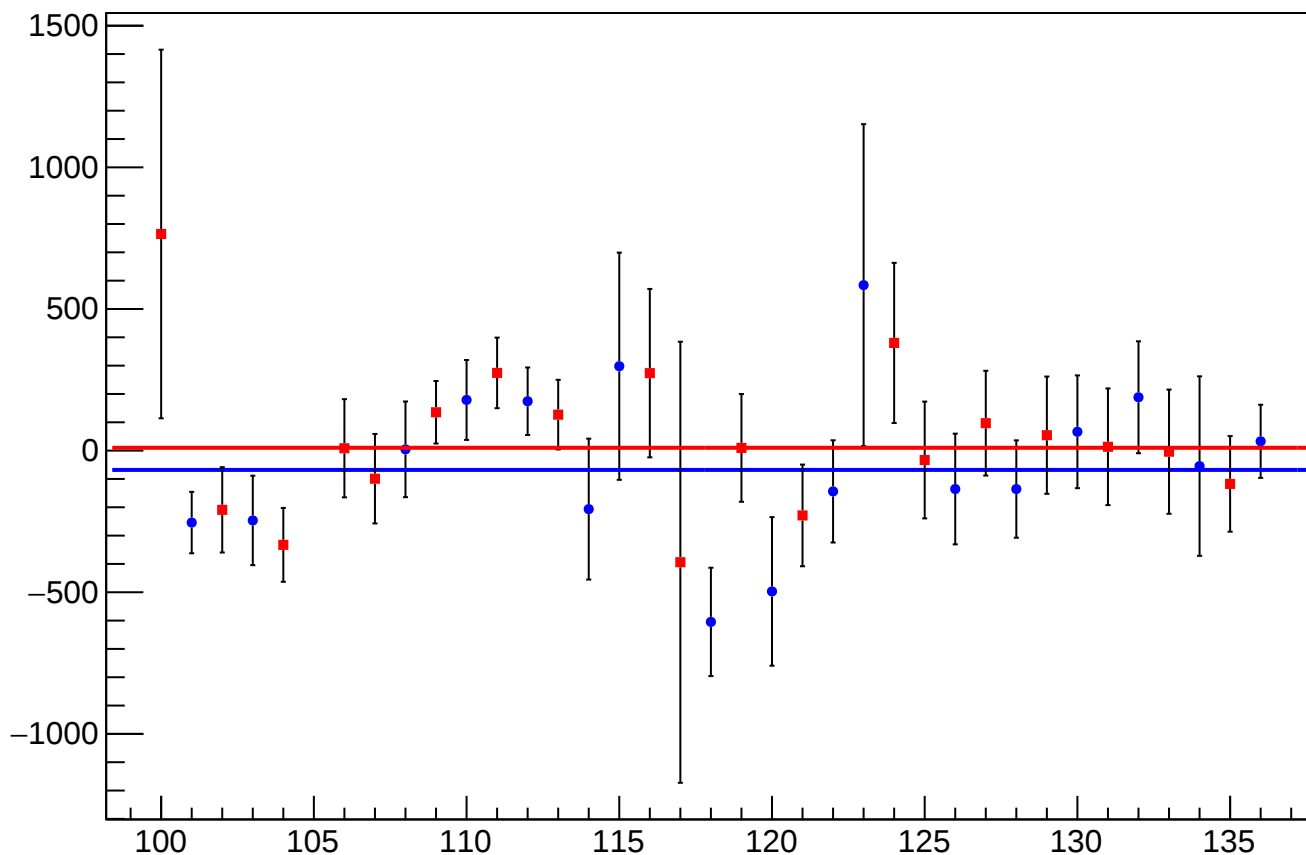
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_mean vs Slug, Sign Corrected



Right In: -68.111 $\pm$ 42.265 χ^2 /NDF: 27.8/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.021 $\pm$ 39.809 χ^2 /NDF: 23.0/18

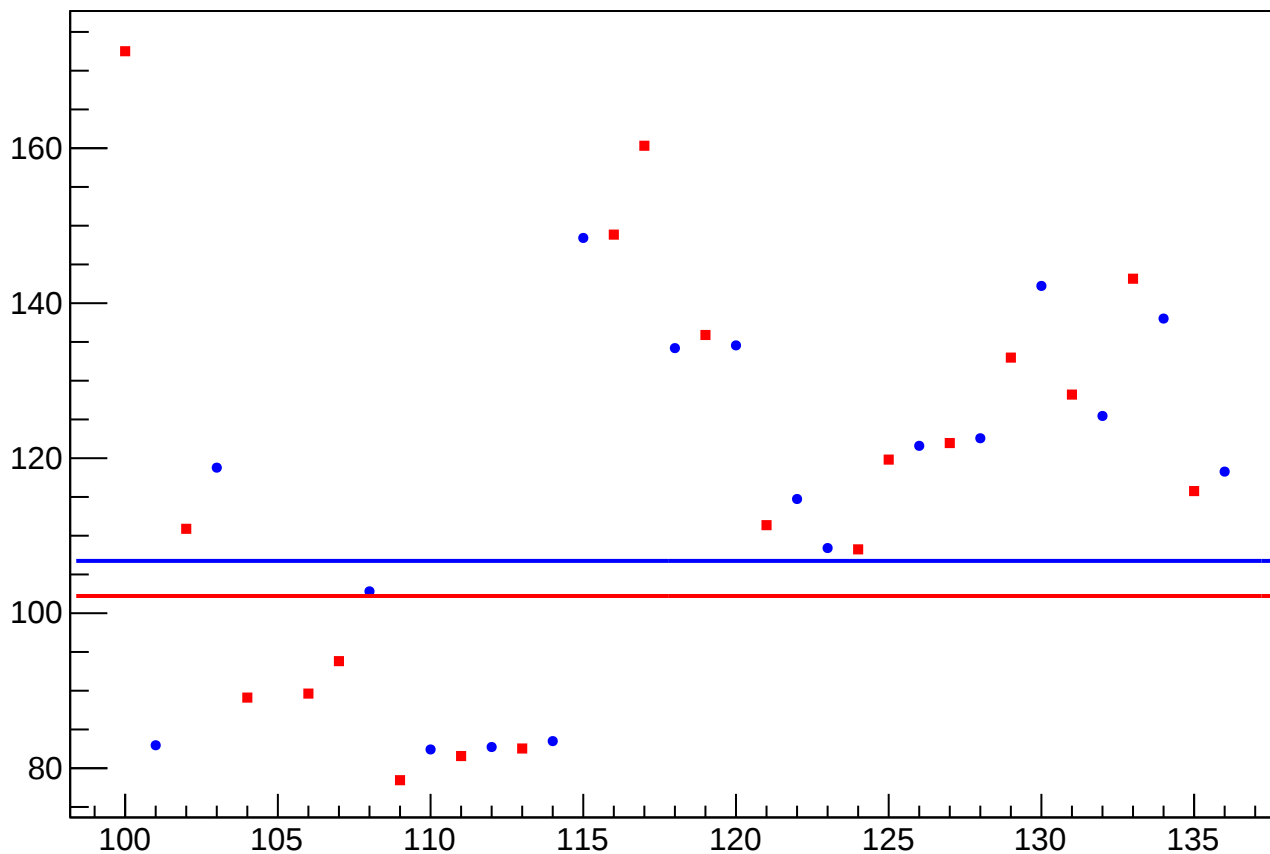
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-68.111 $\pm$ 42.265 χ^2 /NDF: 27.8/16

-26.709 $\pm$ 28.979 χ^2 /NDF: 52.6/35

10.021 $\pm$ 39.809 χ^2 /NDF: 23.0/18

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 106.749+/-0.030 χ^2/NDF : 501742.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.222+/-0.028 χ^2/NDF : 590412.1/18

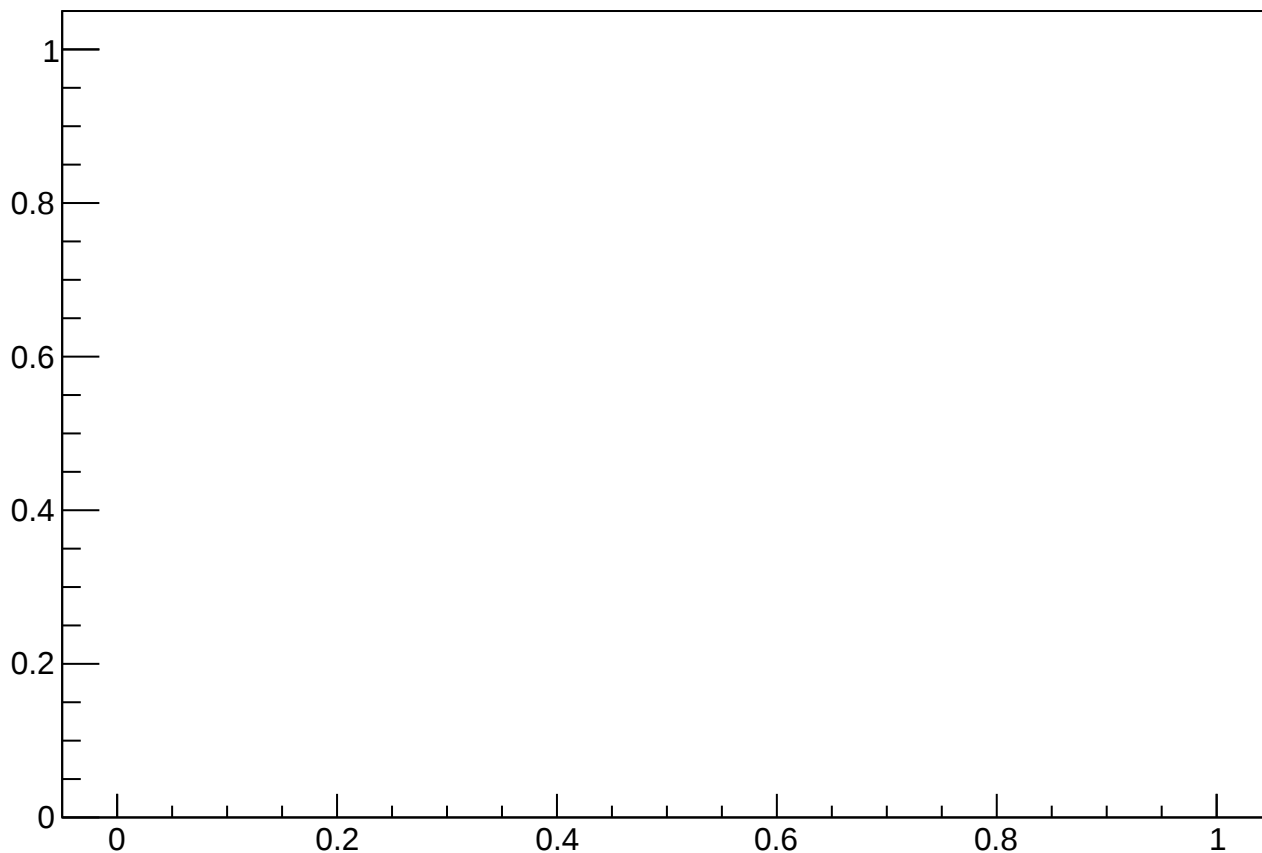
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

106.749+/-0.030 χ^2/NDF : 501742.8/16

104.350+/-0.020 χ^2/NDF : 1104316.3/35

102.222+/-0.028 χ^2/NDF : 590412.1/18

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

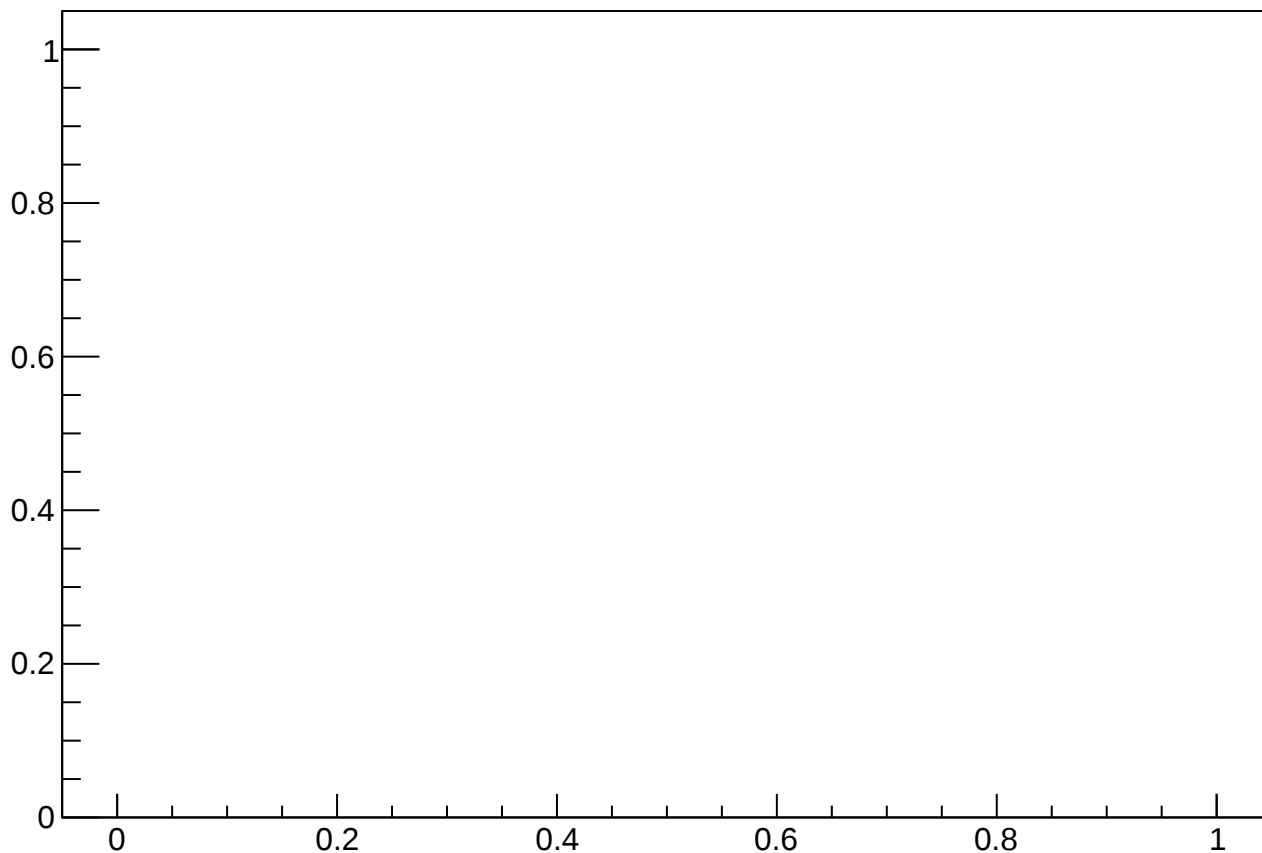
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

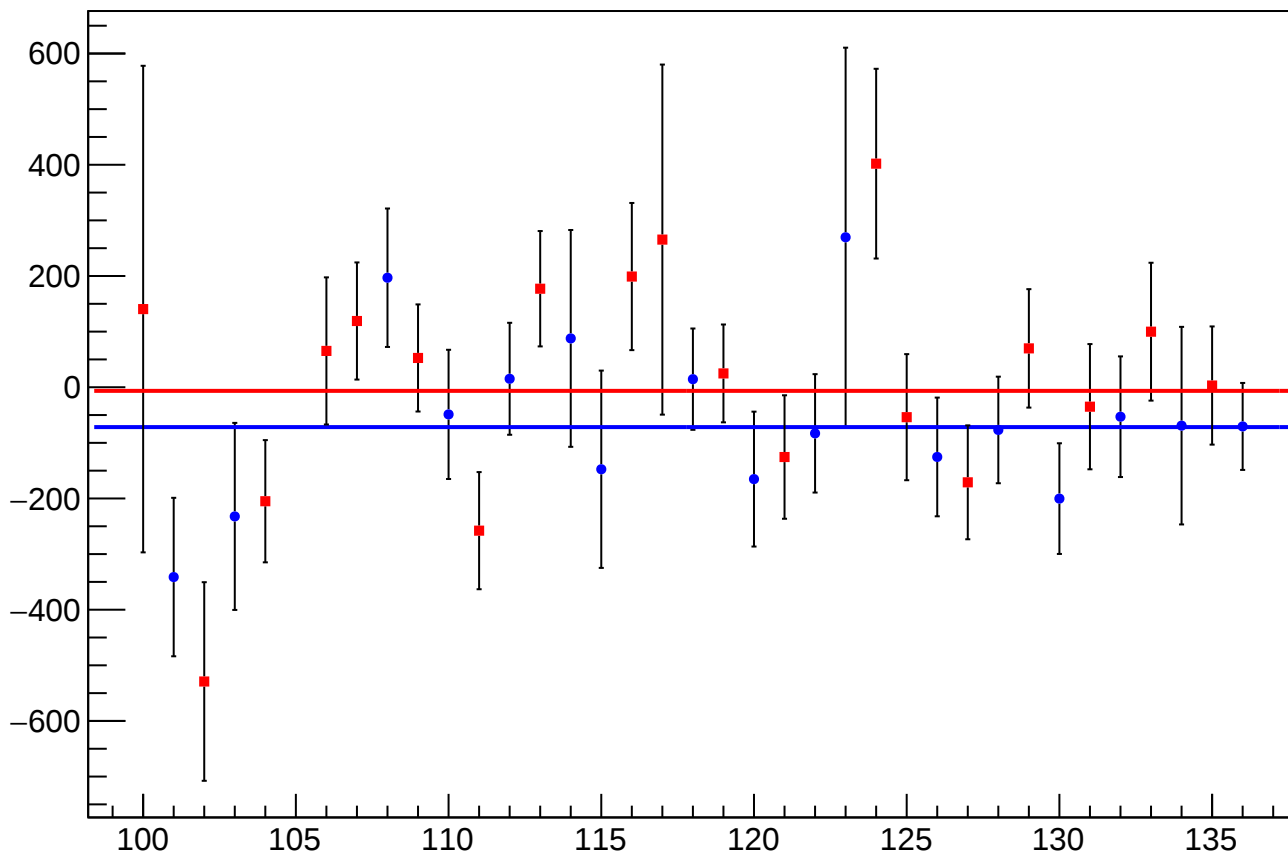
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: -71.669 $\pm$ 28.358 χ^2 /NDF: 15.2/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -6.523 $\pm$ 27.079 χ^2 /NDF: 37.1/18

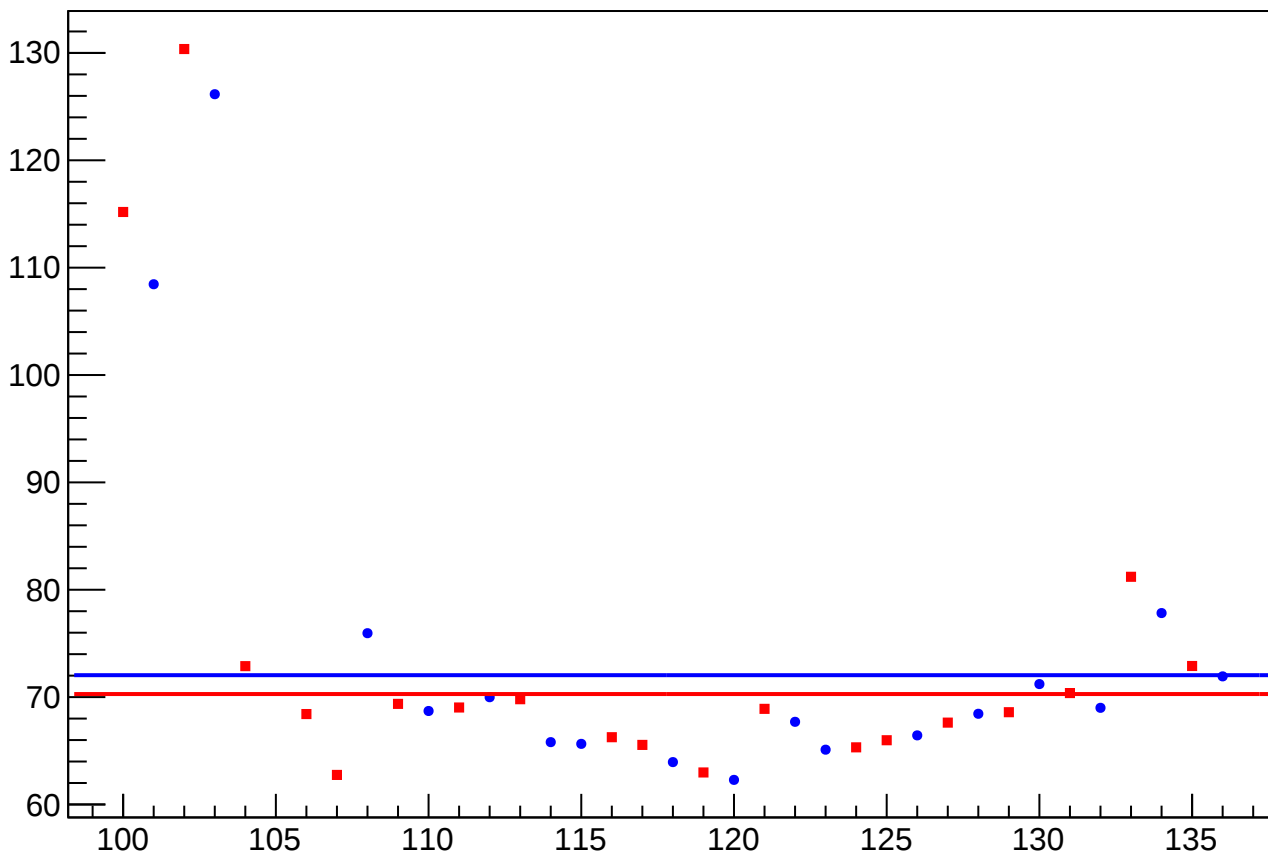
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-71.669 $\pm$ 28.358 χ^2 /NDF: 15.2/16

-37.594 $\pm$ 19.585 χ^2 /NDF: 55.1/35

-6.523 $\pm$ 27.079 χ^2 /NDF: 37.1/18

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.042 $\pm$ 0.020 χ^2 /NDF: 391971.7/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 70.285 $\pm$ 0.019 χ^2 /NDF: 299367.0/18

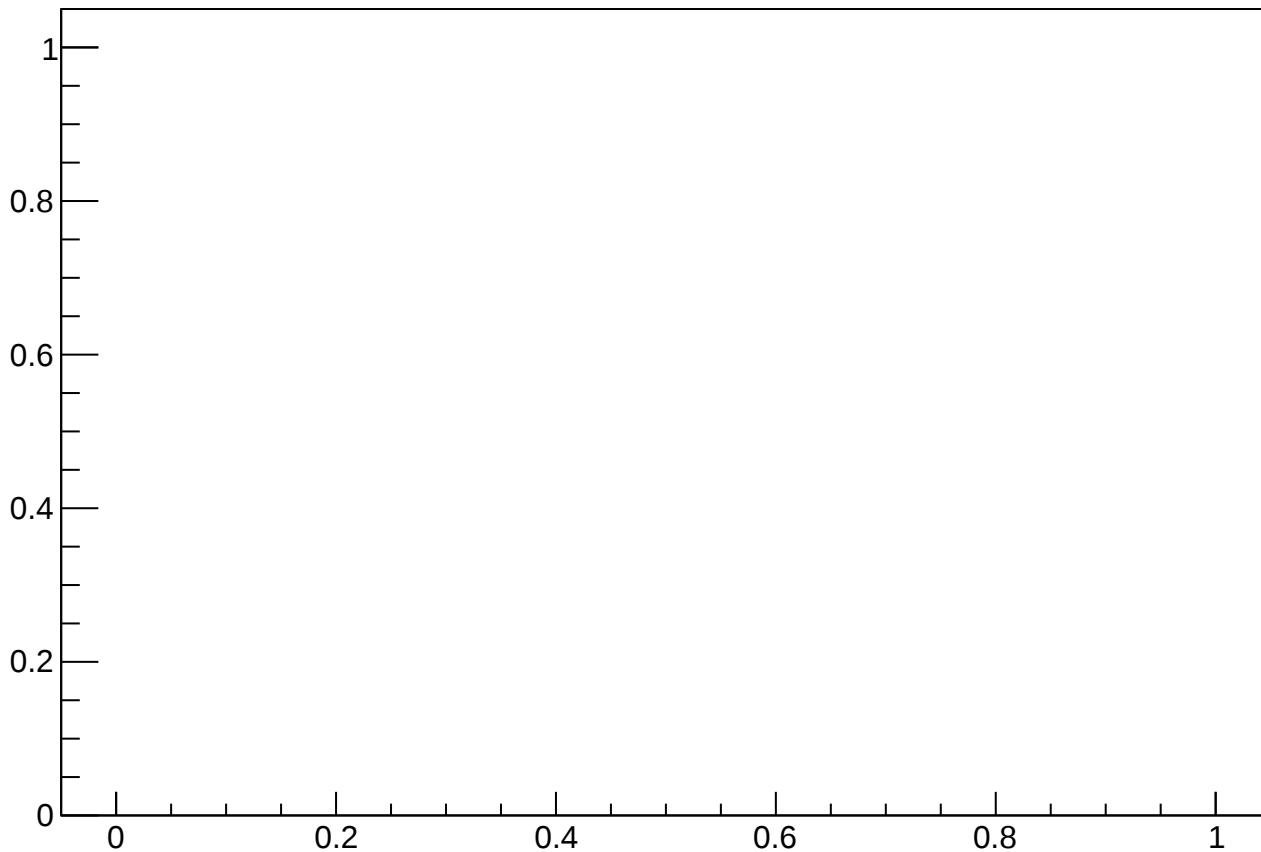
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

72.042 $\pm$ 0.020 χ^2 /NDF: 391971.7/16

71.123 $\pm$ 0.014 χ^2 /NDF: 695356.0/35

70.285 $\pm$ 0.019 χ^2 /NDF: 299367.0/18

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

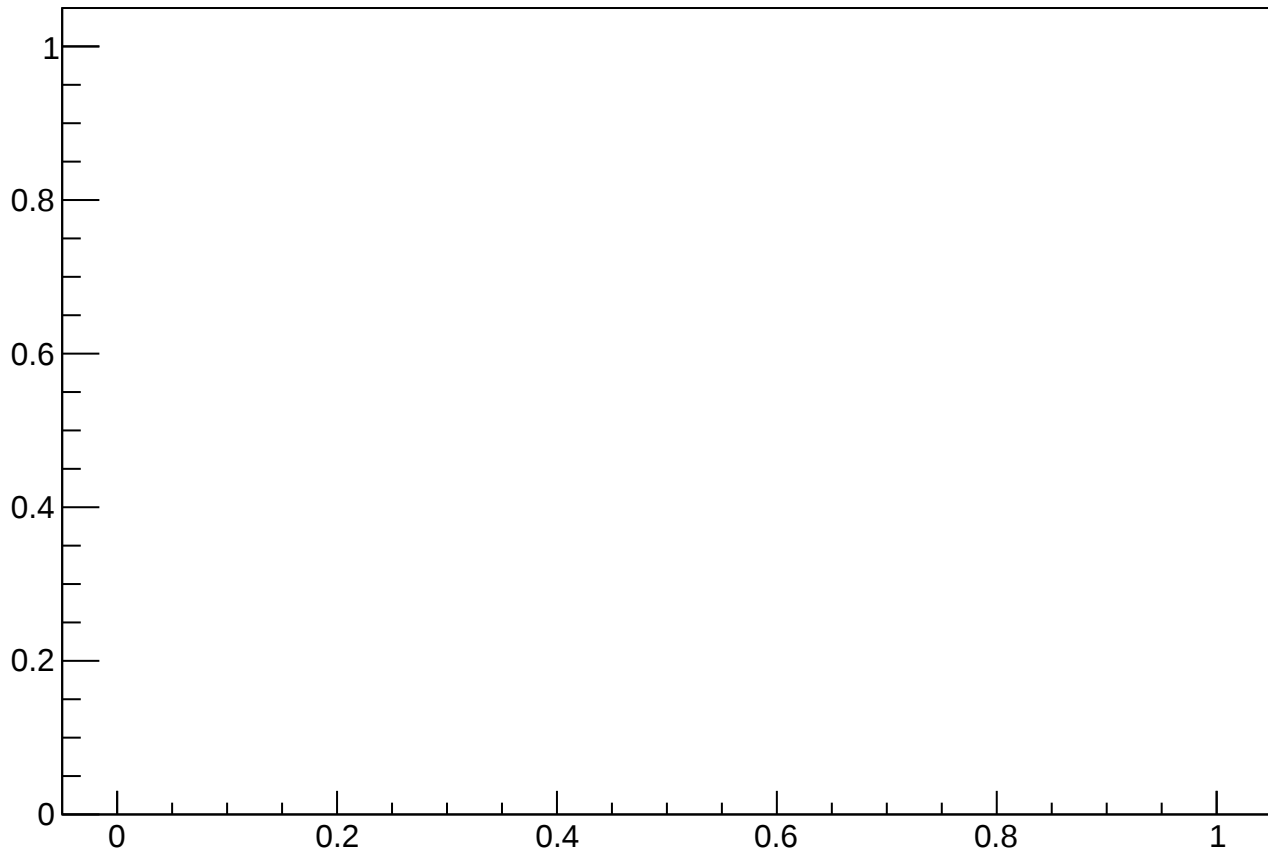
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

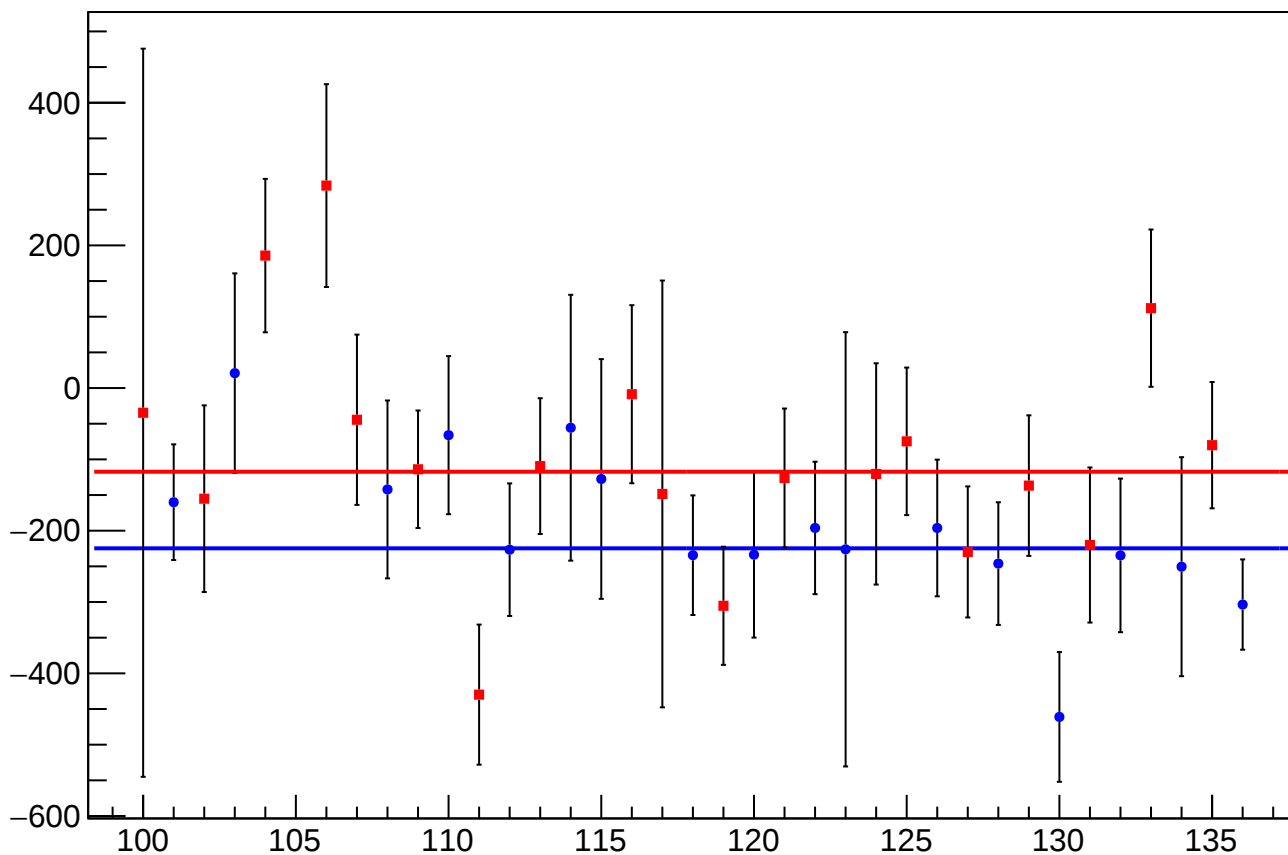
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -224.727 ± 24.880 $\chi^2/\text{NDF}: 16.0/16$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -117.338 ± 24.945 $\chi^2/\text{NDF}: 39.5/18$

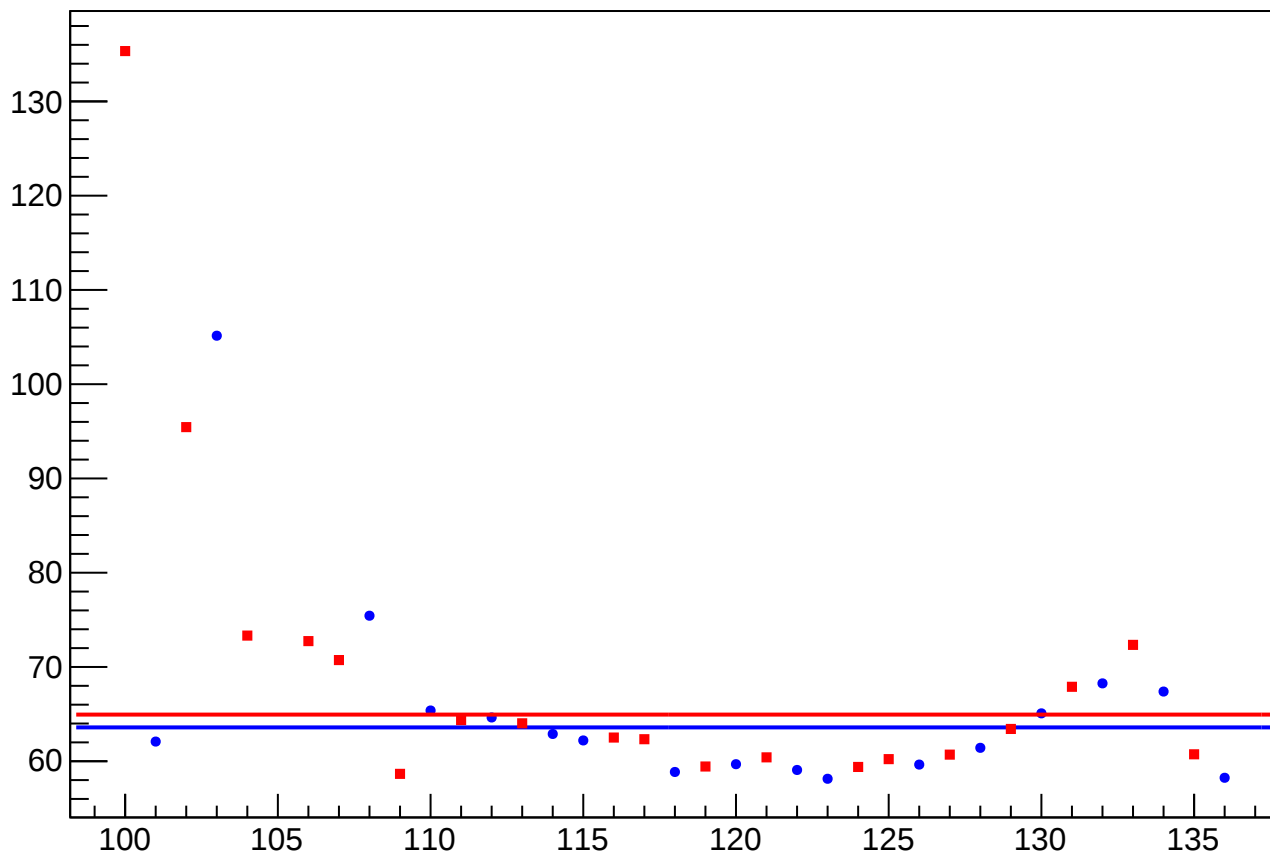
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-224.727 ± 24.880 $\chi^2/\text{NDF}: 16.0/16$

-171.171 ± 17.616 $\chi^2/\text{NDF}: 64.8/35$

-117.338 ± 24.945 $\chi^2/\text{NDF}: 39.5/18$

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 63.589+/-0.018 χ^2/NDF : 234601.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.948+/-0.018 χ^2/NDF : 222011.6/18

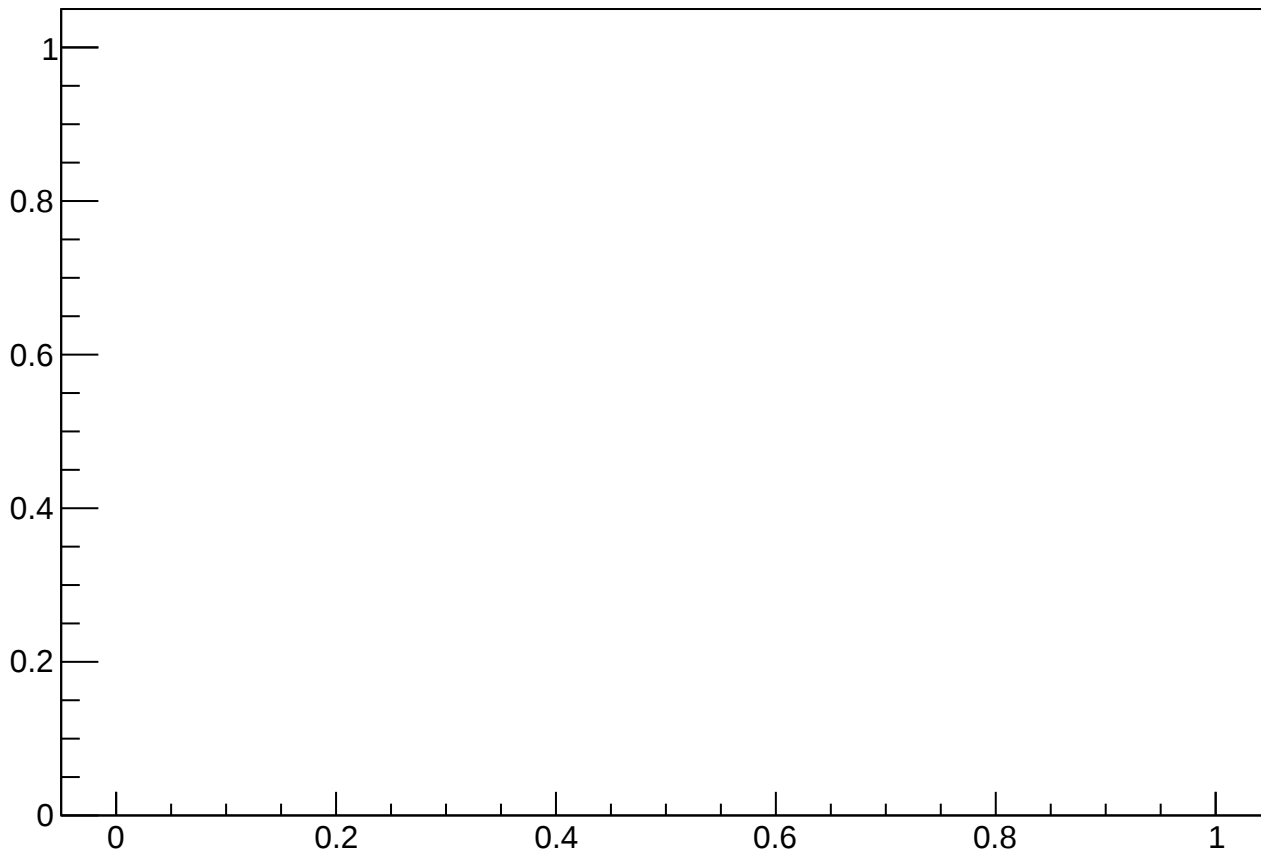
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

63.589+/-0.018 χ^2/NDF : 234601.0/16

64.267+/-0.012 χ^2/NDF : 459588.5/35

64.948+/-0.018 χ^2/NDF : 222011.6/18

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

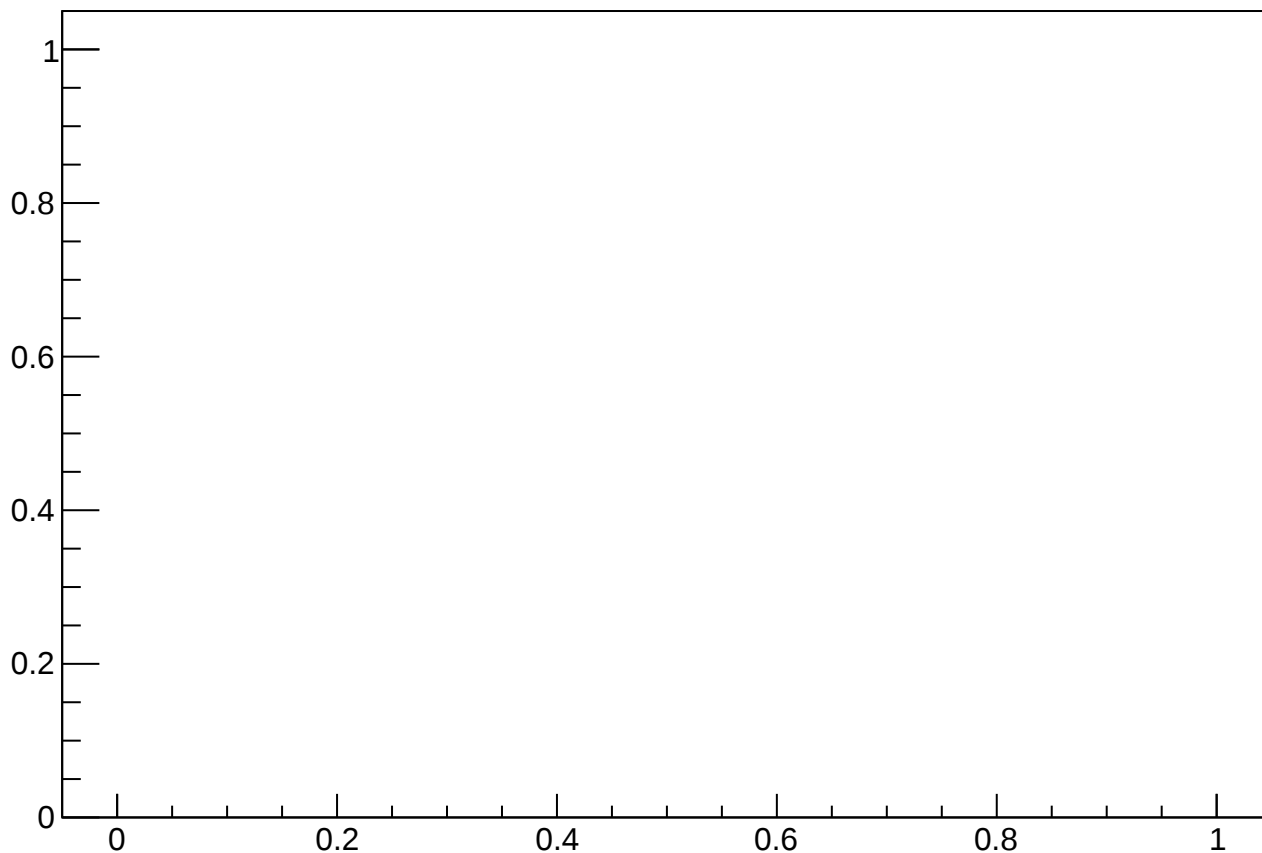
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

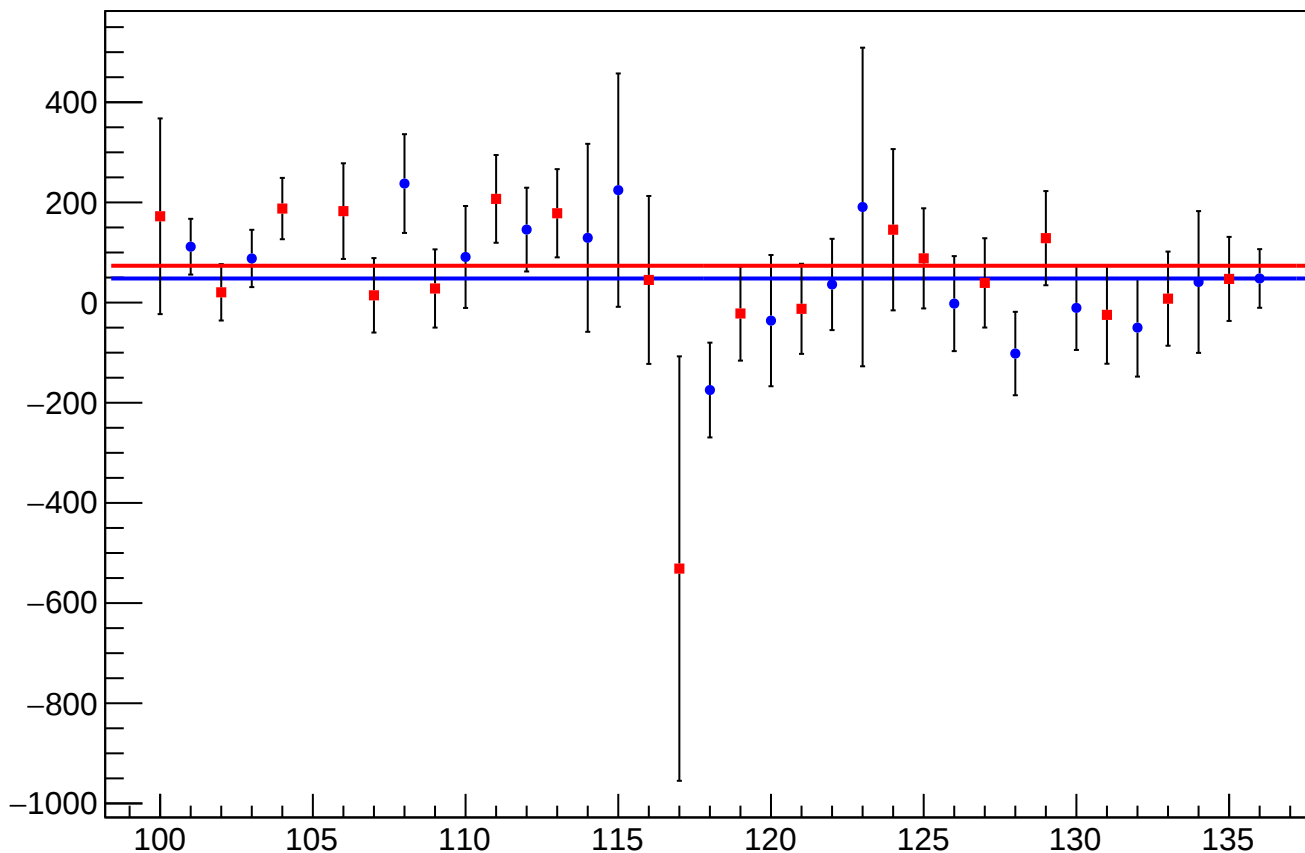
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 48.109+/-21.510 χ^2/NDF : 19.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.542+/-20.683 χ^2/NDF : 16.9/18

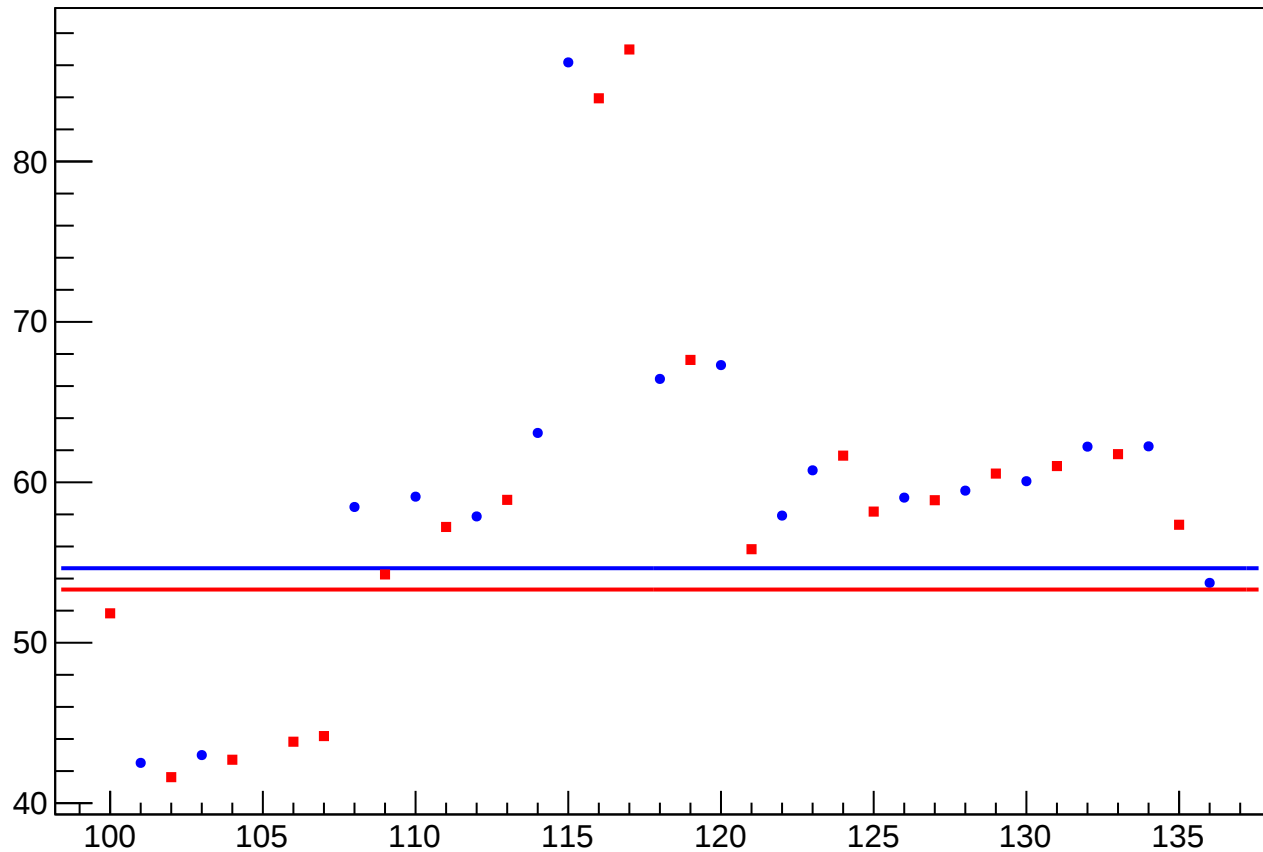
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

48.109+/-21.510 χ^2/NDF : 19.0/16

61.324+/-14.909 χ^2/NDF : 36.6/35

73.542+/-20.683 χ^2/NDF : 16.9/18

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 53.316 $\pm$ 0.015 χ^2 /NDF: 398814.7/18

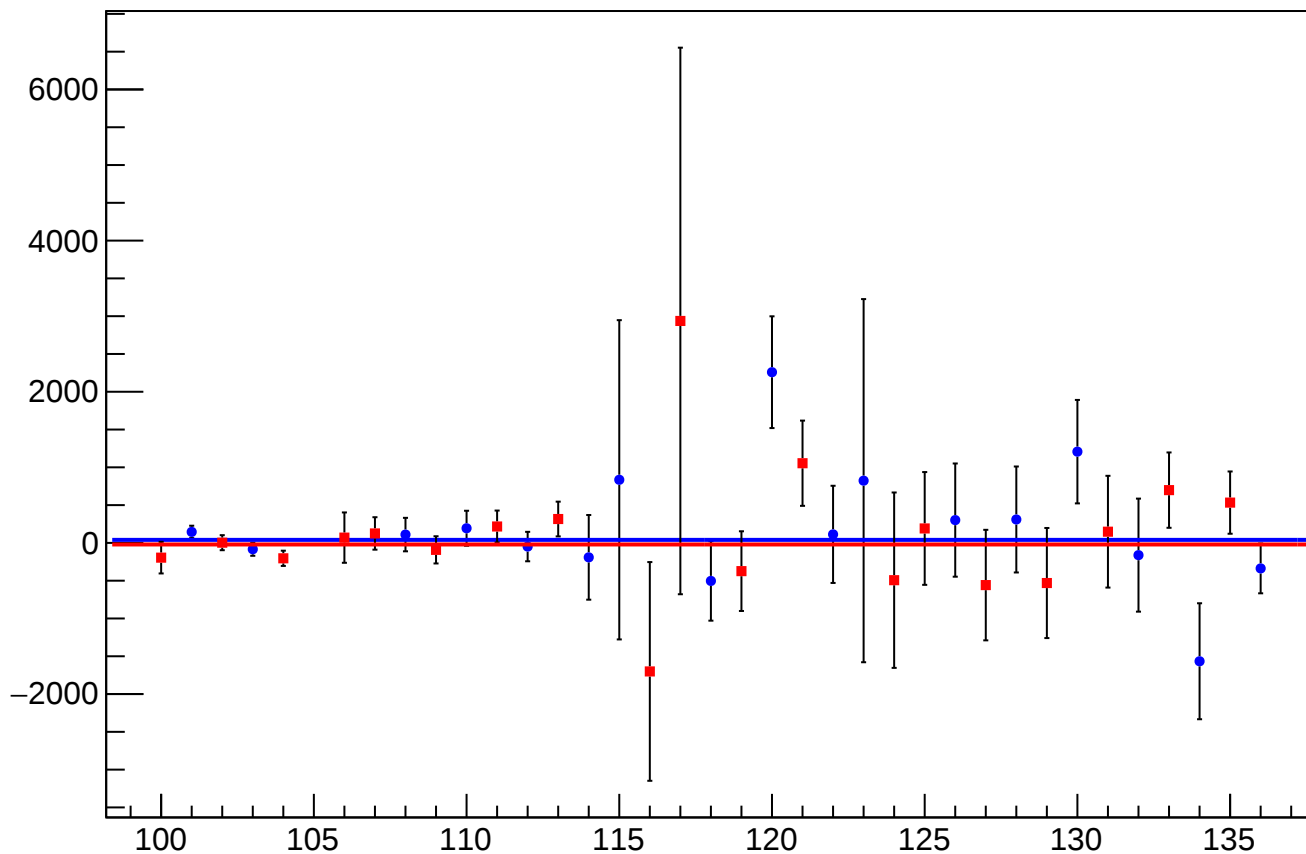
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

54.645 $\pm$ 0.015 χ^2 /NDF: 319300.2/16

53.955 $\pm$ 0.011 χ^2 /NDF: 722079.3/35

53.316 $\pm$ 0.015 χ^2 /NDF: 398814.7/18

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 40.207+/-51.542 χ^2/NDF : 23.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.788+/-53.413 χ^2/NDF : 19.5/18

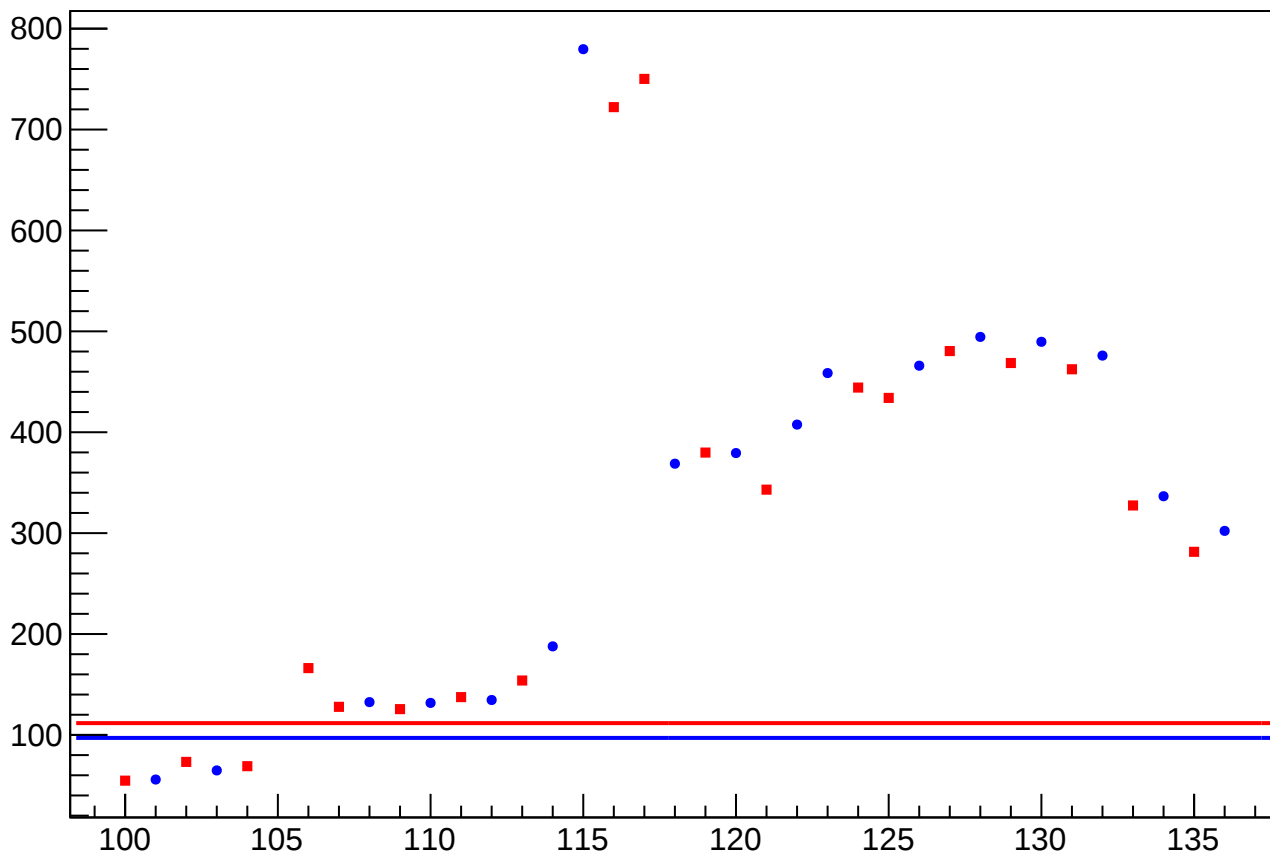
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

40.207+/-51.542 χ^2/NDF : 23.9/16

10.796+/-37.090 χ^2/NDF : 44.0/35

-20.788+/-53.413 χ^2/NDF : 19.5/18

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 97.039+/-0.036 χ^2 /NDF: 5819709.2/16

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 111.694+/-0.038 χ^2 /NDF: 4942647.4/18

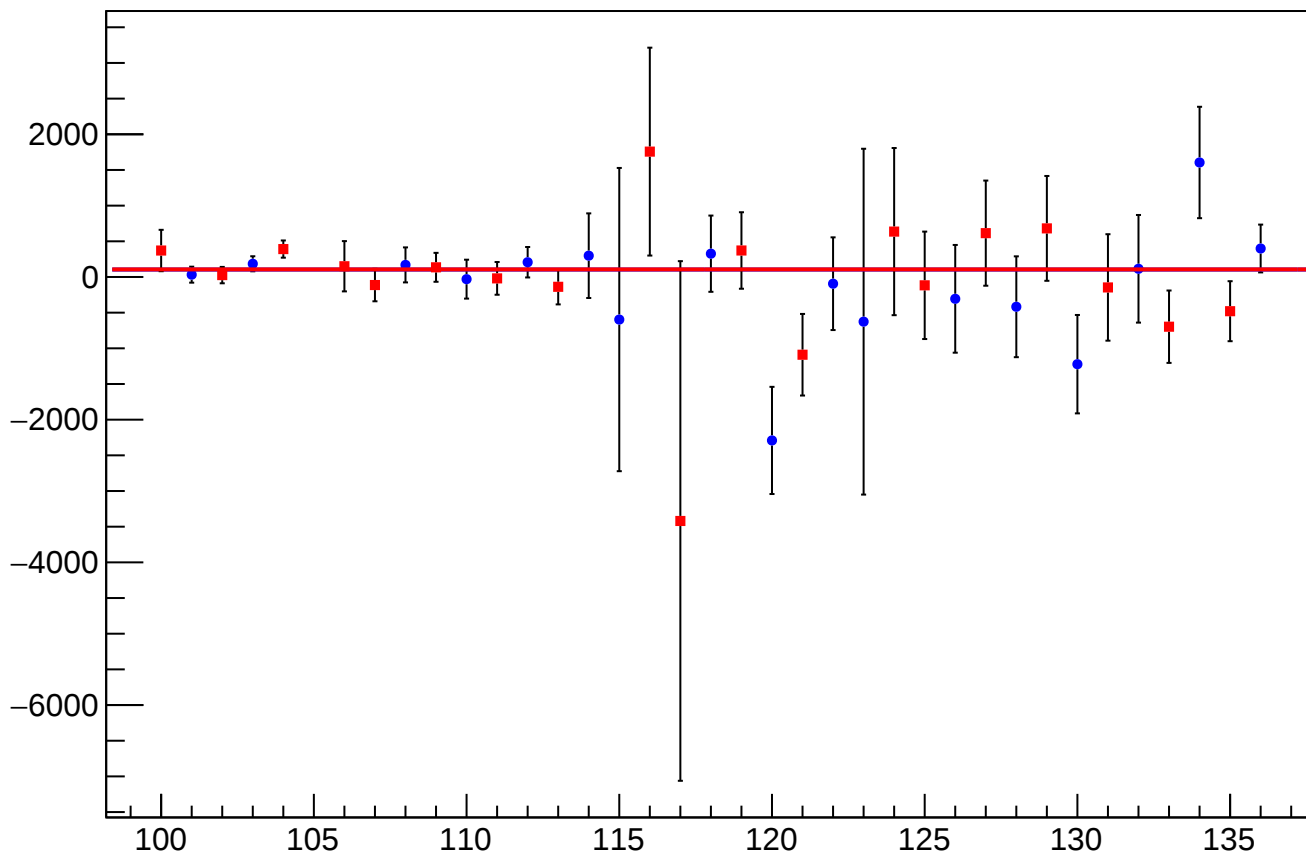
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

97.039+/-0.036 χ^2 /NDF: 5819709.2/16

104.105+/-0.026 χ^2 /NDF: 10840323.9/35

111.694+/-0.038 χ^2 /NDF: 4942647.4/18

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 104.001+/-63.156 χ^2/NDF : 21.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.164+/-61.059 χ^2/NDF : 21.9/18

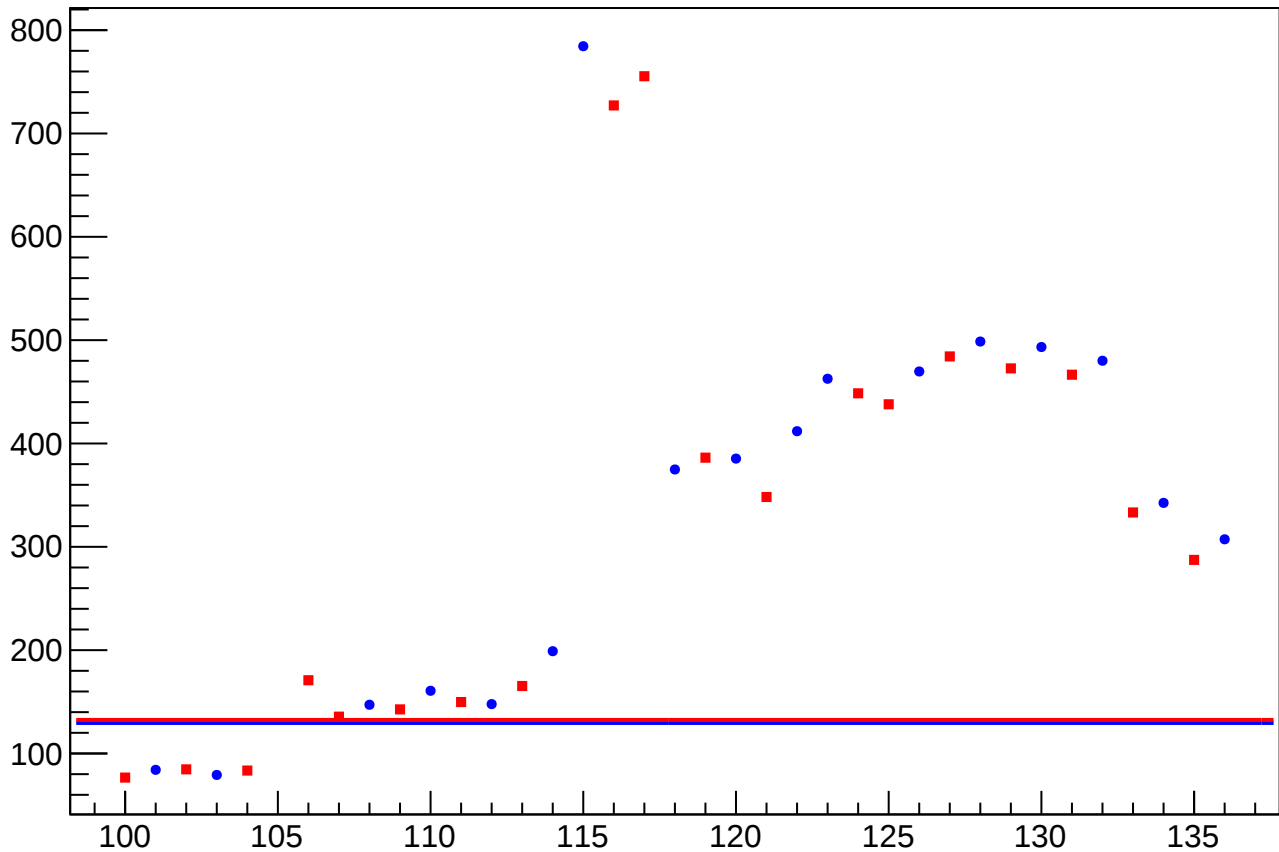
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

104.001+/-63.156 χ^2/NDF : 21.3/16

105.119+/-43.898 χ^2/NDF : 43.2/35

106.164+/-61.059 χ^2/NDF : 21.9/18

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.552 $\pm$ 0.045 χ^2 /NDF: 4772450.4/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 132.486 $\pm$ 0.043 χ^2 /NDF: 4296711.8/18

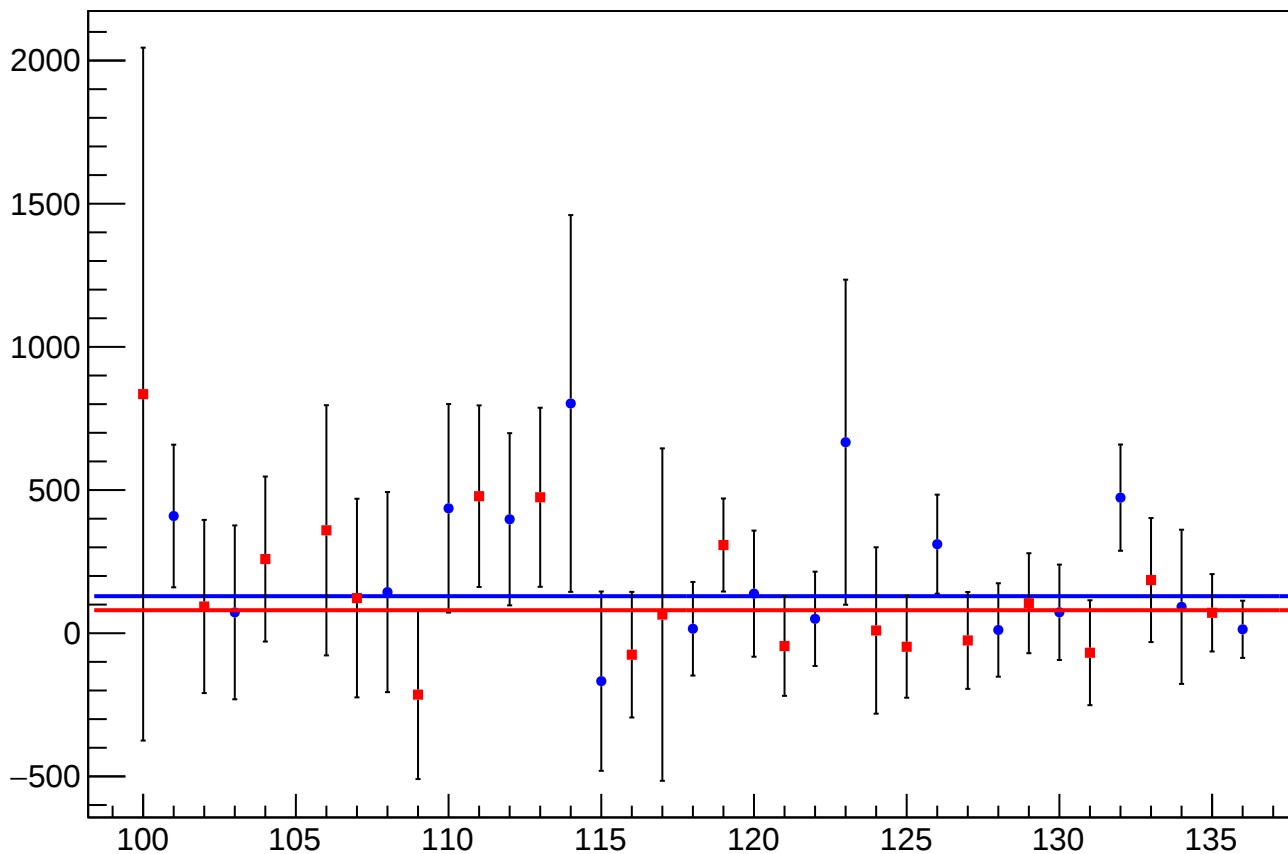
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

129.552 $\pm$ 0.045 χ^2 /NDF: 4772450.4/16

131.068 $\pm$ 0.031 χ^2 /NDF: 9071393.4/35

132.486 $\pm$ 0.043 χ^2 /NDF: 4296711.8/18

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 129.398+/-49.122 χ^2/NDF : 12.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.413+/-51.254 χ^2/NDF : 10.2/18

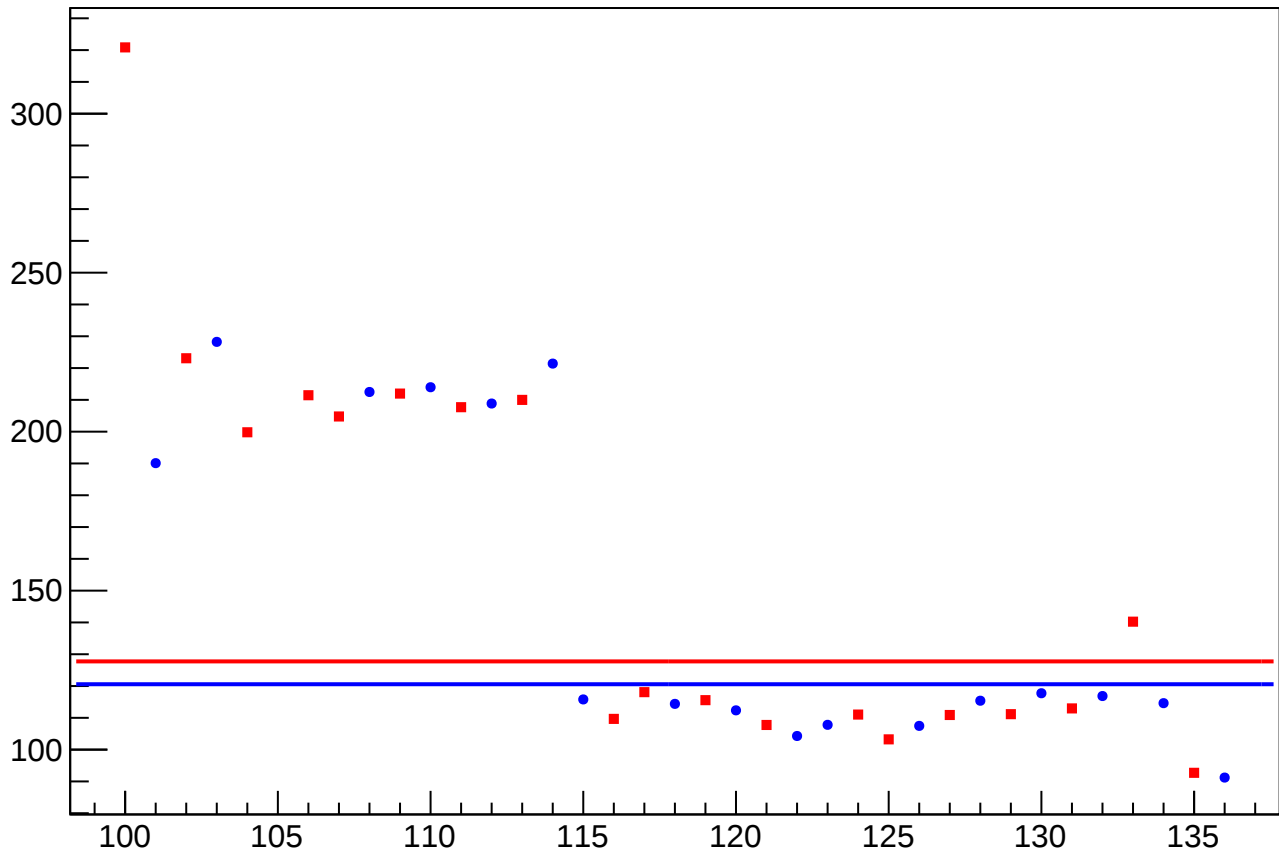
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

129.398+/-49.122 χ^2/NDF : 12.9/16

105.946+/-35.464 χ^2/NDF : 23.6/35

80.413+/-51.254 χ^2/NDF : 10.2/18

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 120.565+/-0.035 χ^2/NDF : 1112076.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.747+/-0.036 χ^2/NDF : 1263998.3/18

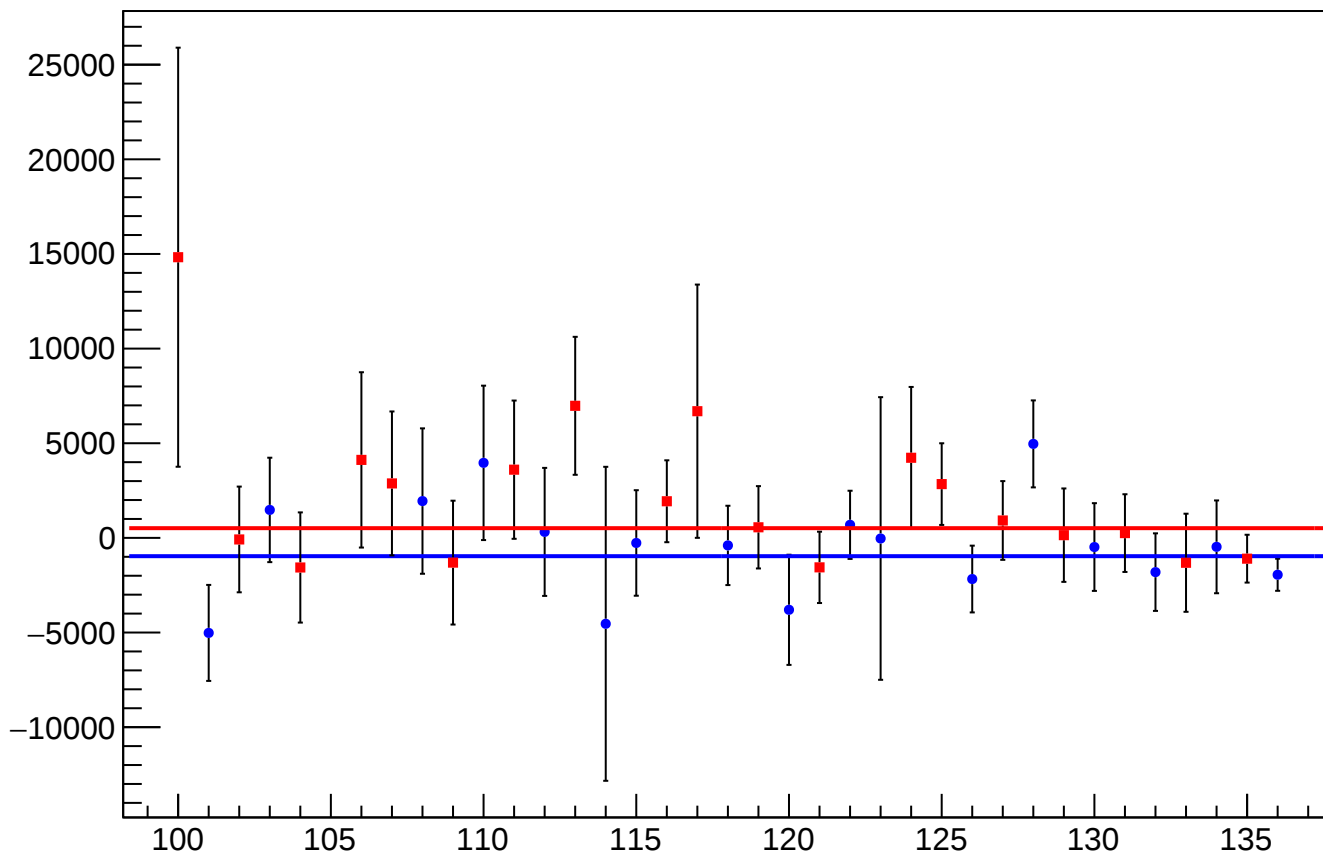
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

120.565+/-0.035 χ^2/NDF : 1112076.4/16

124.004+/-0.025 χ^2/NDF : 2396543.3/35

127.747+/-0.036 χ^2/NDF : 1263998.3/18

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -966.587 $\pm$ 512.340 χ^2 /NDF: 16.4/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 513.135 $\pm$ 573.783 χ^2 /NDF: 14.2/18

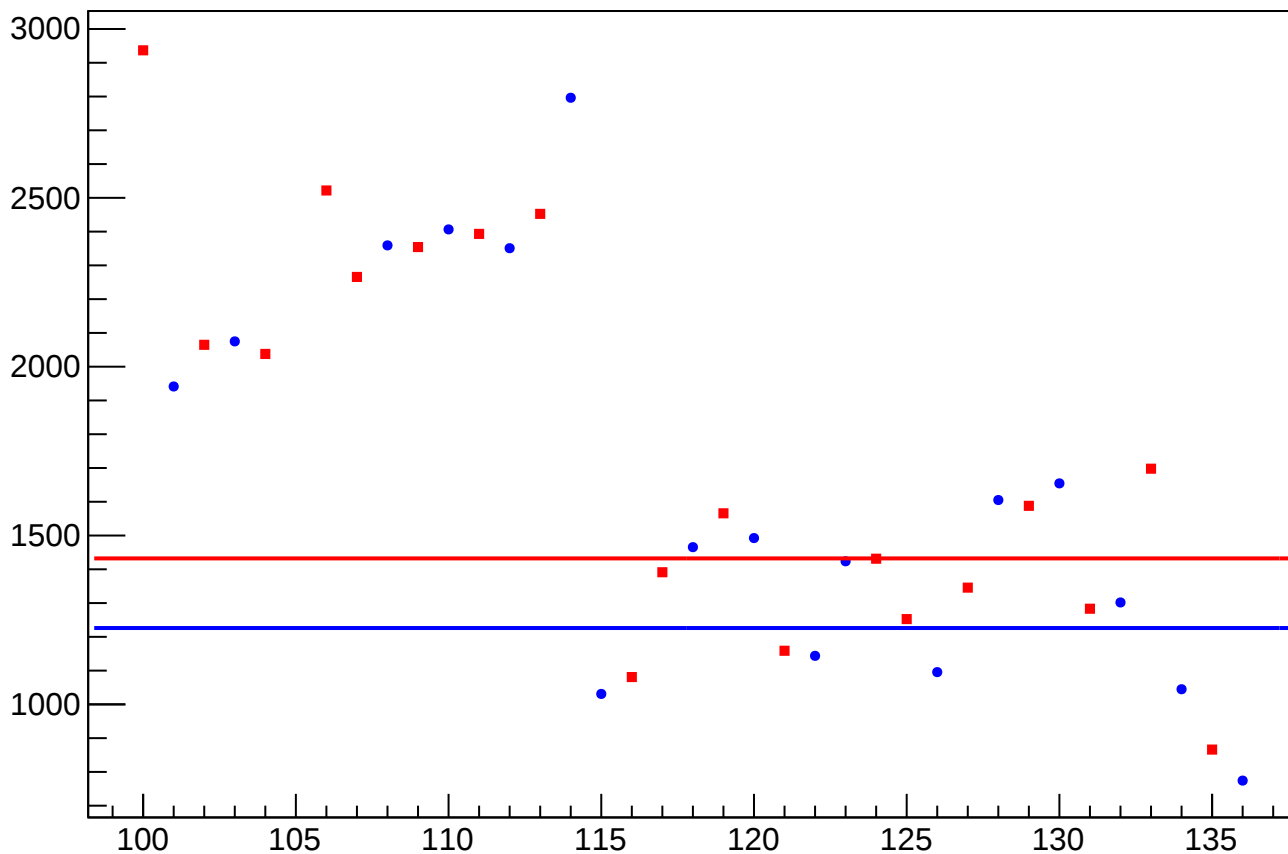
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-966.587 $\pm$ 512.340 χ^2 /NDF: 16.4/16

-310.169 $\pm$ 382.163 χ^2 /NDF: 34.3/35

513.135 $\pm$ 573.783 χ^2 /NDF: 14.2/18

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1226.135+/-0.362 χ^2/NDF : 1756323.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1432.262+/-0.406 χ^2/NDF : 1448051.4/18

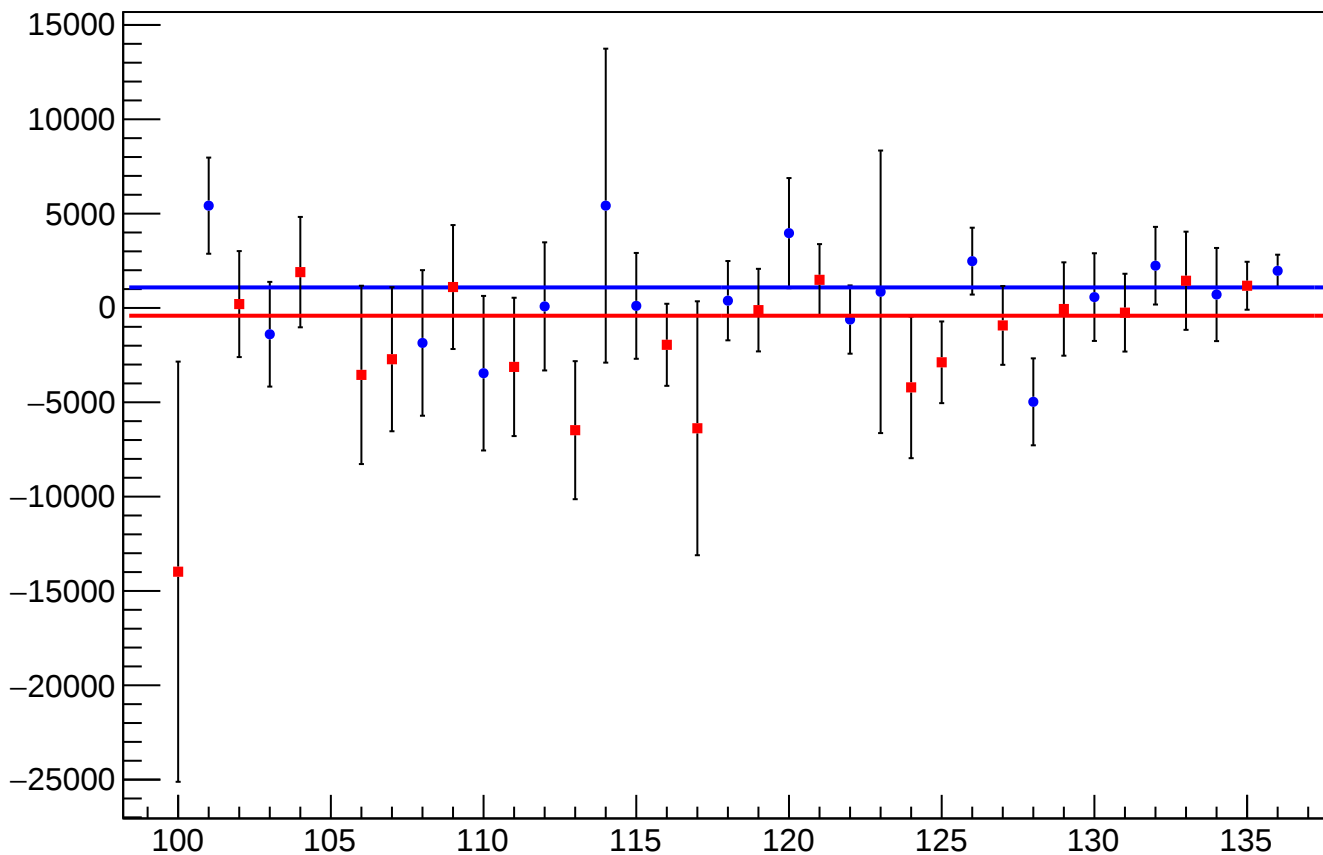
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1226.135+/-0.362 χ^2/NDF : 1756323.1/16

1317.575+/-0.270 χ^2/NDF : 3347984.3/35

1432.262+/-0.406 χ^2/NDF : 1448051.4/18

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1089.066 $\pm$ 515.272 χ^2 /NDF: 16.9/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -411.333 $\pm$ 576.622 χ^2 /NDF: 13.3/18

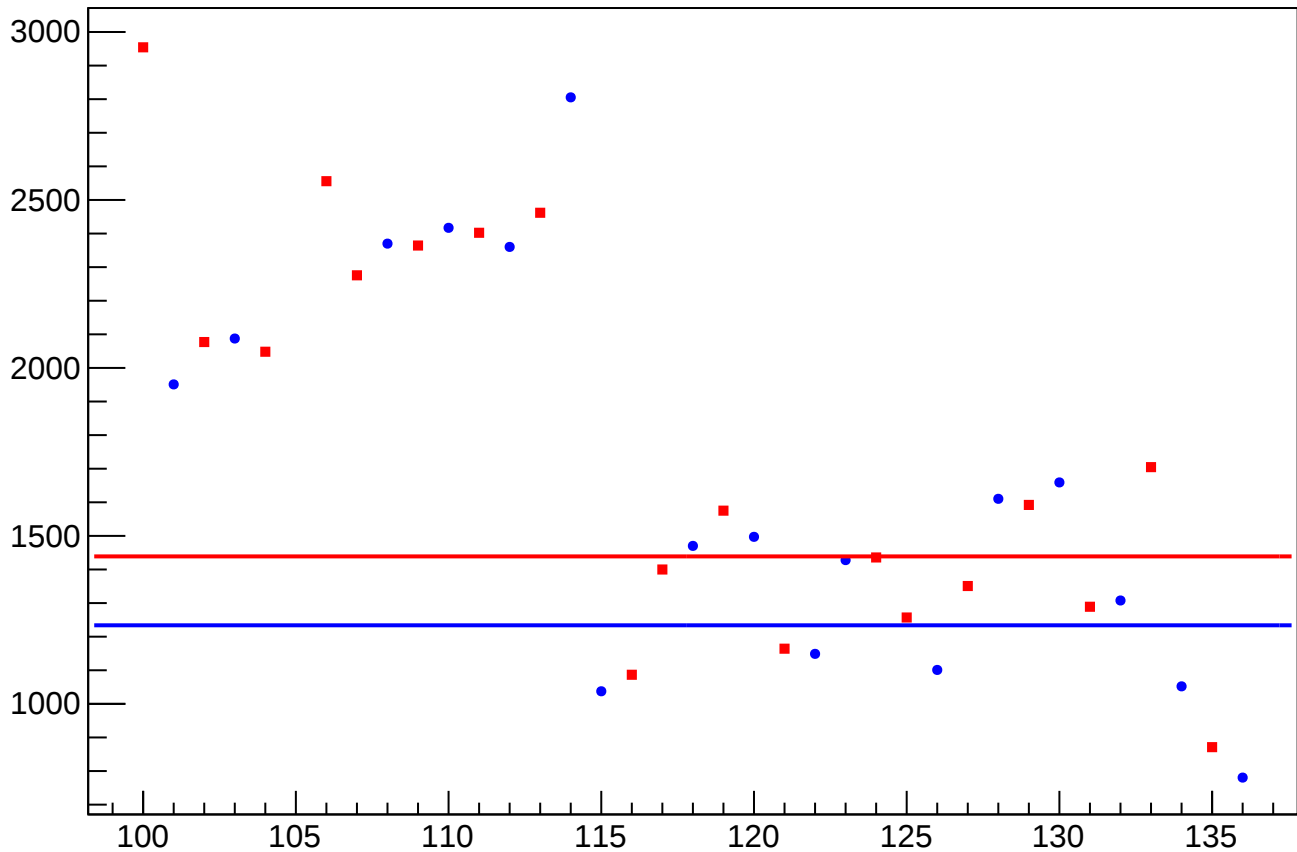
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1089.066 $\pm$ 515.272 χ^2 /NDF: 16.9/16

422.903 $\pm$ 384.218 χ^2 /NDF: 34.0/35

-411.333 $\pm$ 576.622 χ^2 /NDF: 13.3/18

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1233.863+/-0.364 χ^2/NDF : 1744048.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1438.966+/-0.408 χ^2/NDF : 1446559.4/18

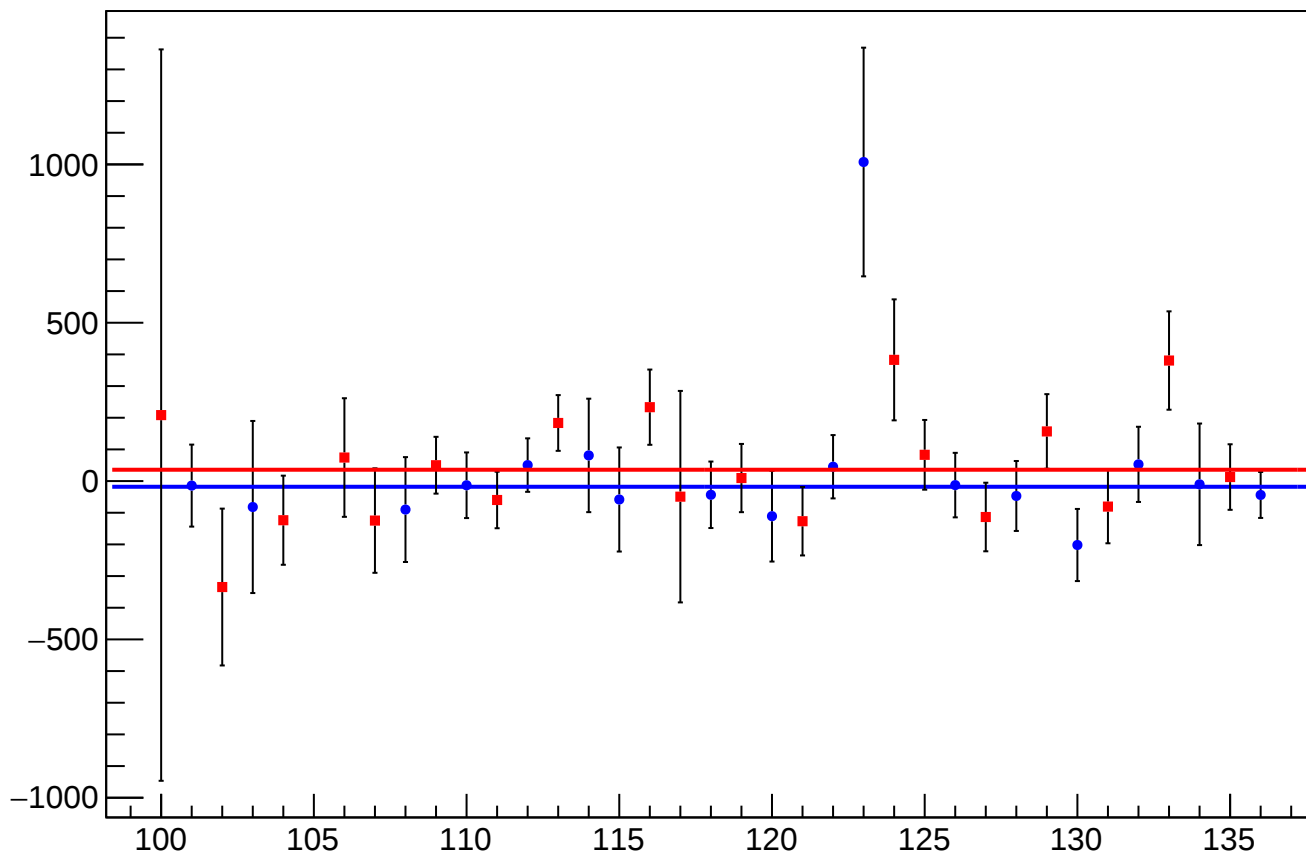
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1233.863+/-0.364 χ^2/NDF : 1744048.5/16

1324.926+/-0.272 χ^2/NDF : 3331301.7/35

1438.966+/-0.408 χ^2/NDF : 1446559.4/18

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -17.972 $\pm$ 28.848 χ^2 /NDF: 13.4/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 35.796 $\pm$ 28.397 χ^2 /NDF: 26.1/18

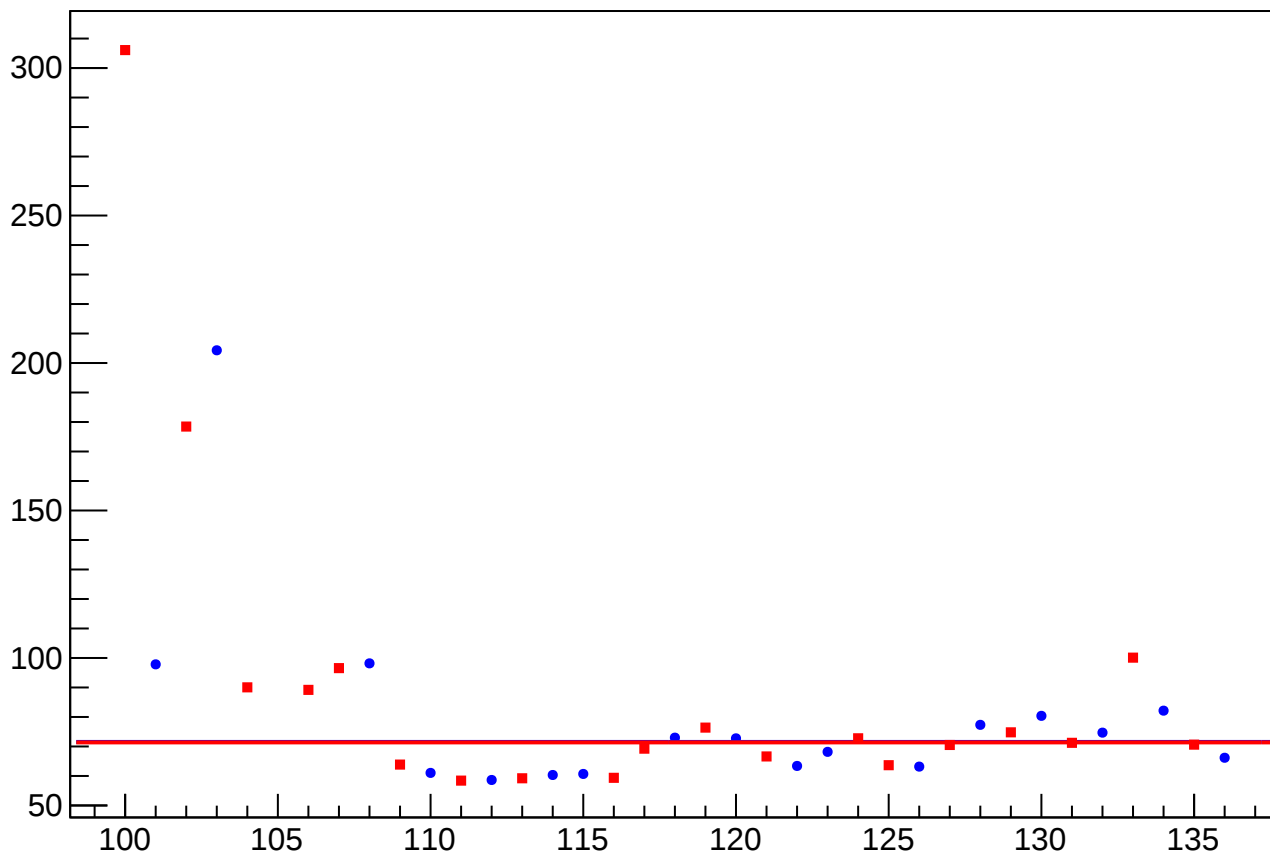
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-17.972 $\pm$ 28.848 χ^2 /NDF: 13.4/16

9.335 $\pm$ 20.237 χ^2 /NDF: 41.2/35

35.796 $\pm$ 28.397 χ^2 /NDF: 26.1/18

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 71.536+/-0.020 χ^2/NDF : 758961.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.381+/-0.020 χ^2/NDF : 759888.7/18

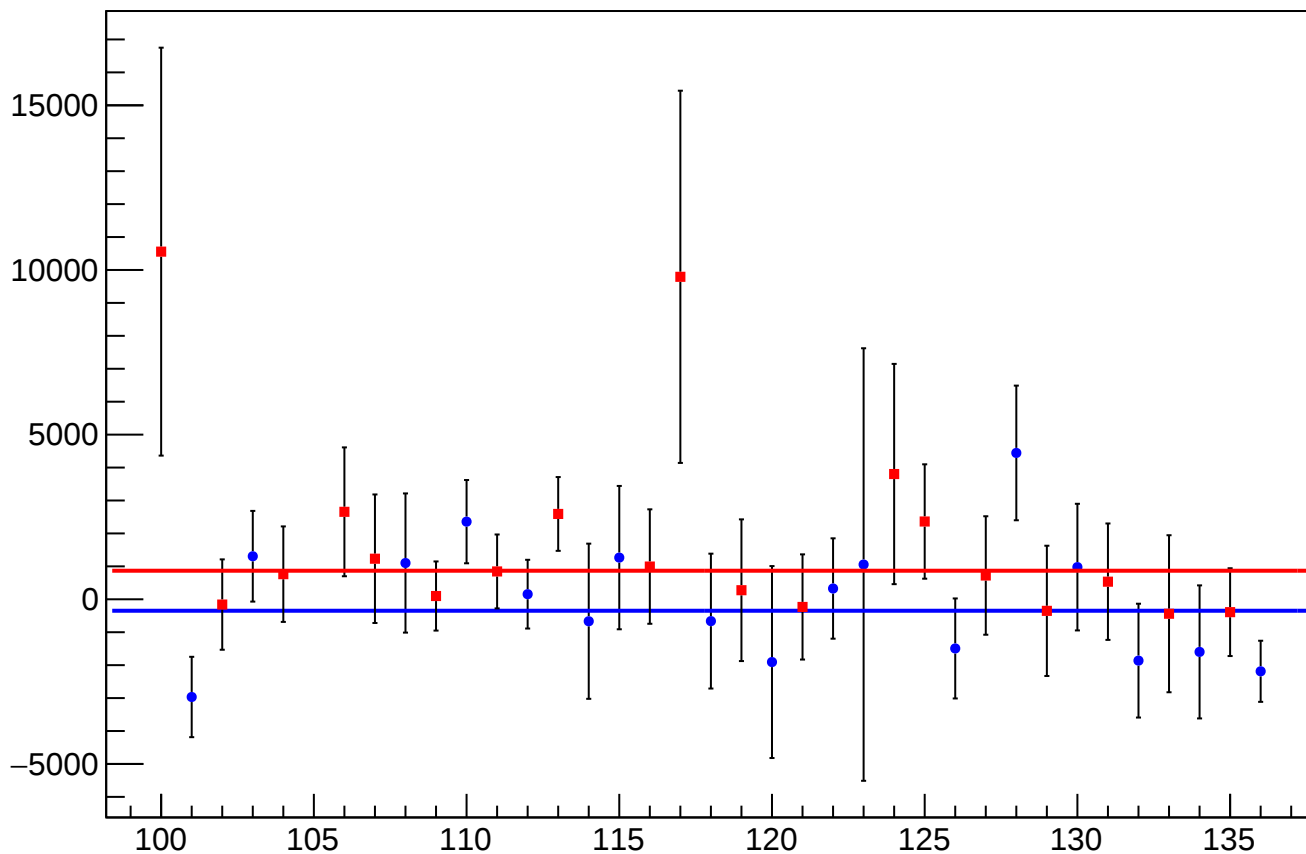
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

71.536+/-0.020 χ^2/NDF : 758961.6/16

71.457+/-0.014 χ^2/NDF : 1518879.6/35

71.381+/-0.020 χ^2/NDF : 759888.7/18

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -347.939+/-381.994 χ^2/NDF : 24.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 867.352+/-376.074 χ^2/NDF : 13.0/18

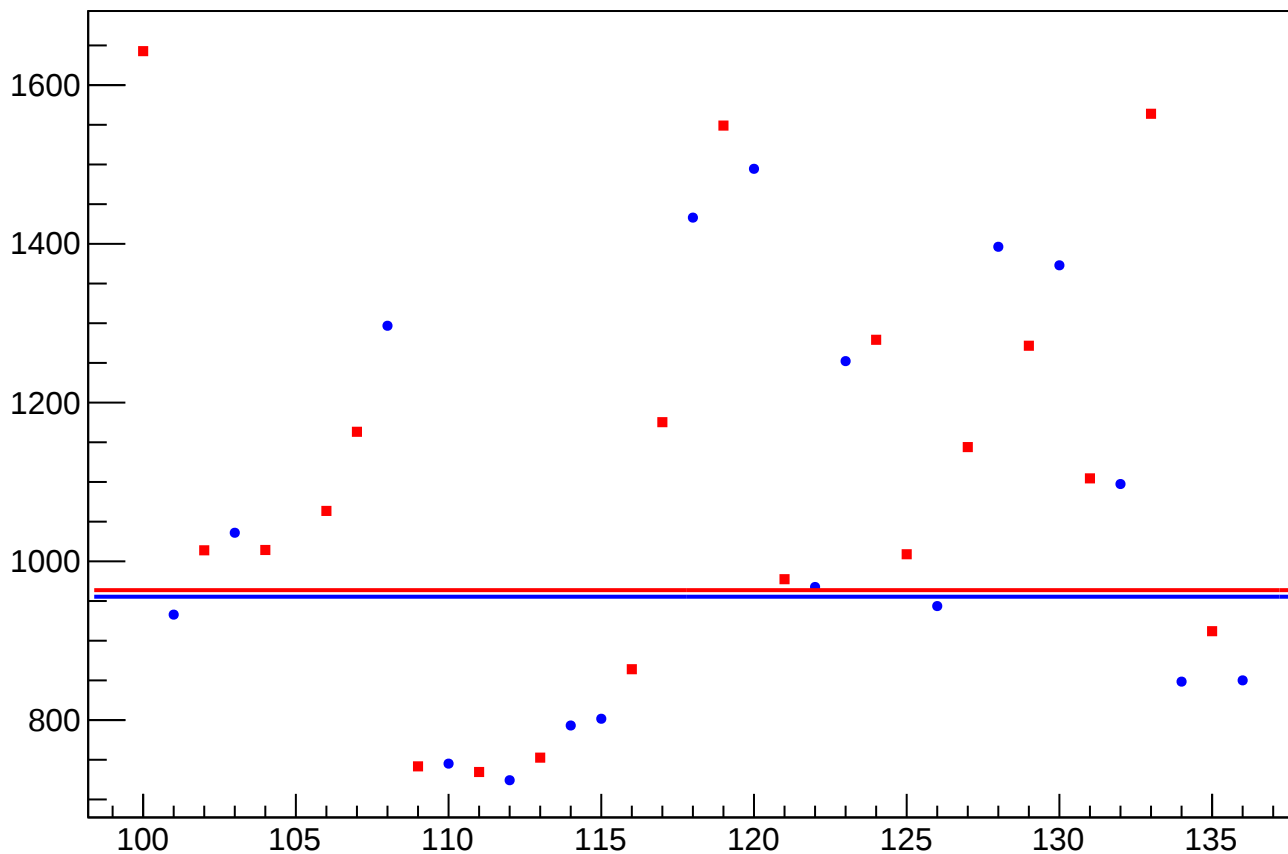
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-347.939+/-381.994 χ^2/NDF : 24.1/16

269.196+/-267.993 χ^2/NDF : 42.2/35

867.352+/-376.074 χ^2/NDF : 13.0/18

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 955.425+/-0.270 χ^2/NDF : 646512.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 963.700+/-0.266 χ^2/NDF : 686808.9/18

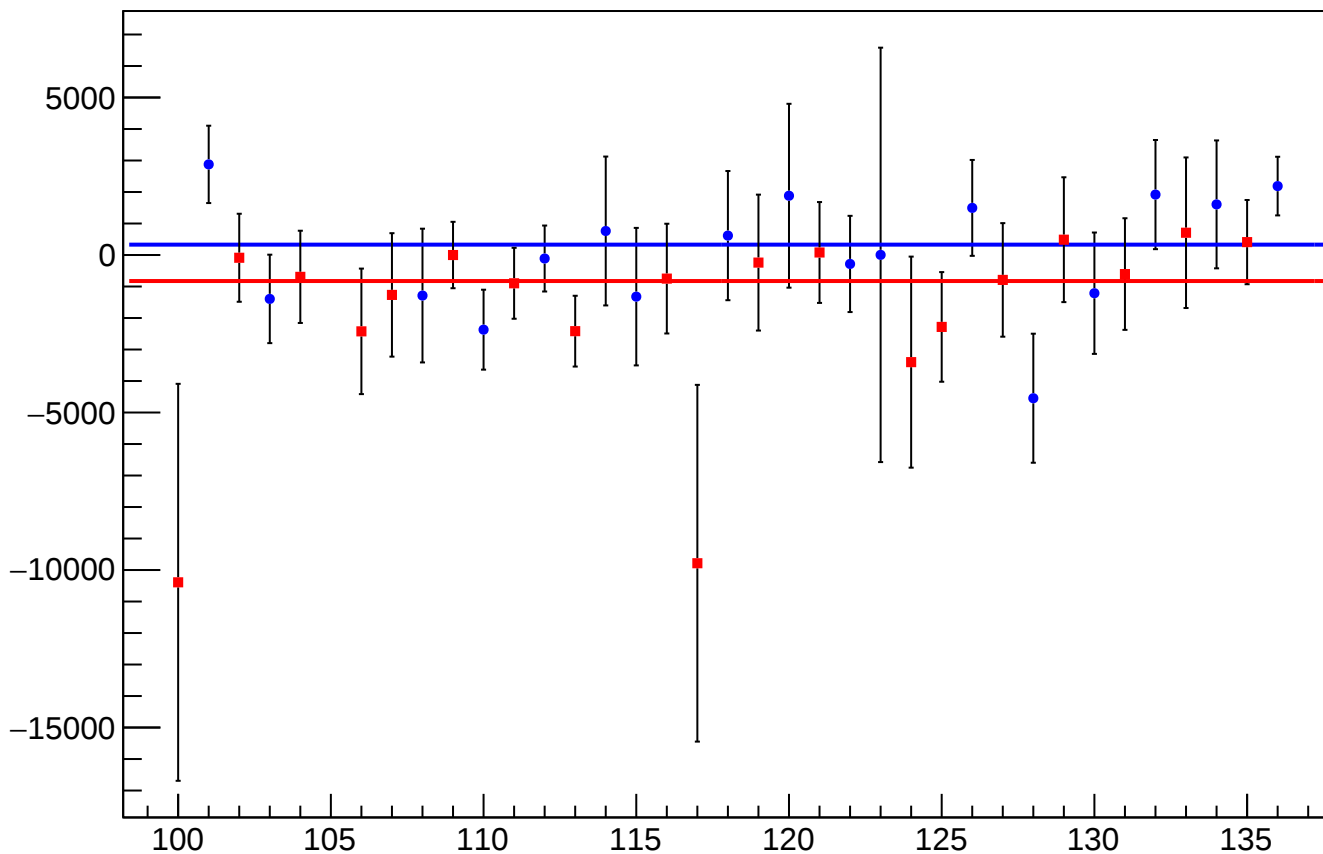
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

955.425+/-0.270 χ^2/NDF : 646512.4/16

959.627+/-0.189 χ^2/NDF : 1333797.9/35

963.700+/-0.266 χ^2/NDF : 686808.9/18

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 329.164+/-383.728 χ^2/NDF : 24.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -826.122+/-377.996 χ^2/NDF : 11.8/18

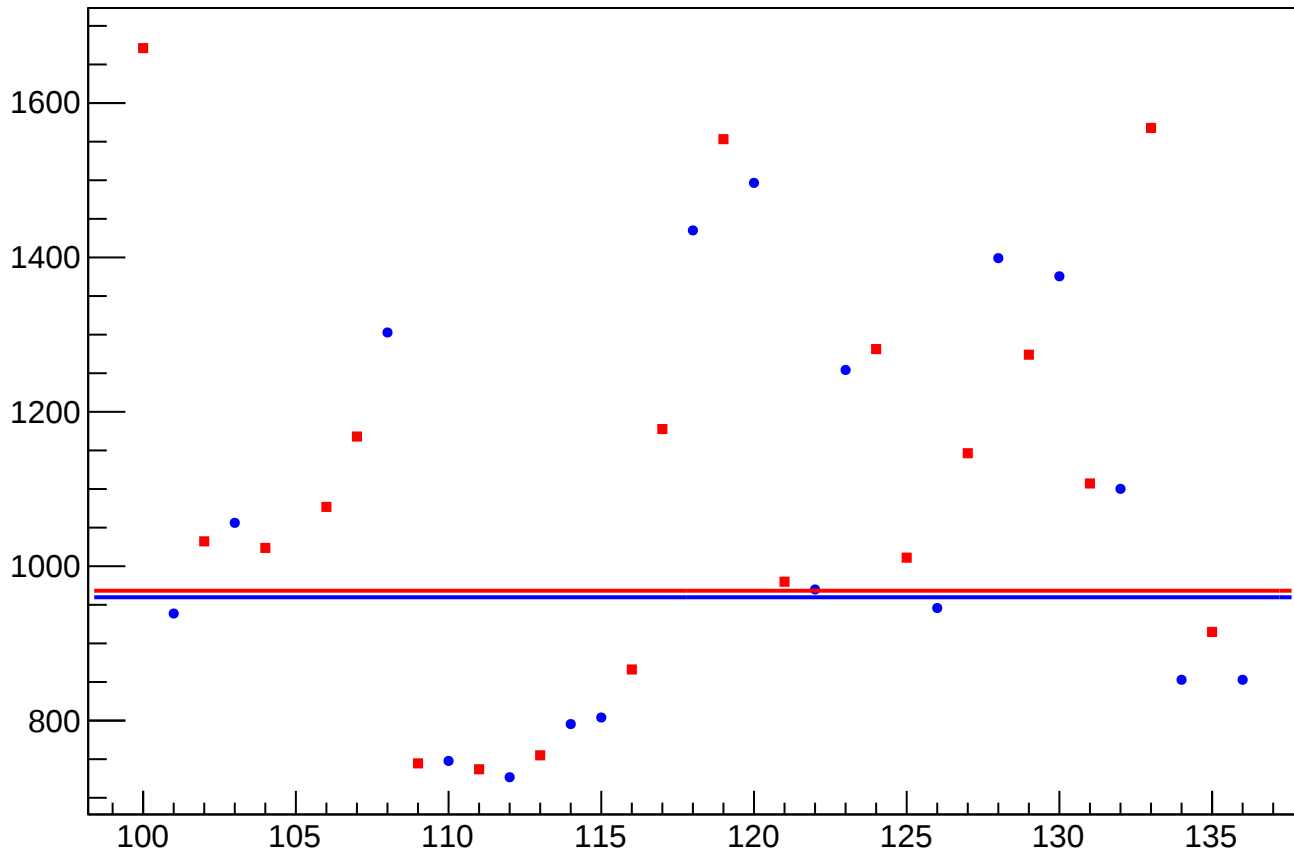
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

329.164+/-383.728 χ^2/NDF : 24.3/16

-257.172+/-269.287 χ^2/NDF : 40.7/35

-826.122+/-377.996 χ^2/NDF : 11.8/18

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 959.770+/-0.271 χ^2/NDF : 646727.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 968.260+/-0.267 χ^2/NDF : 689178.3/18

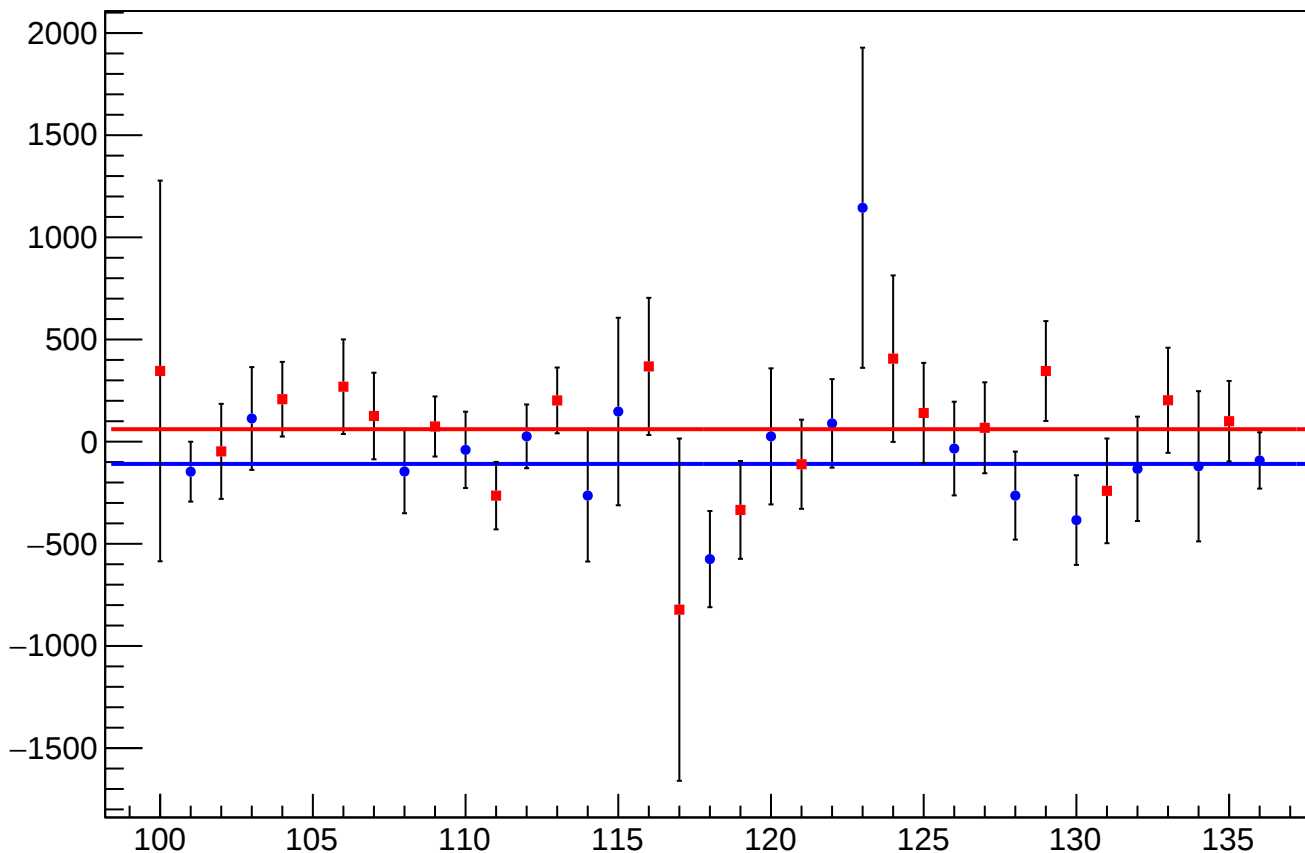
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

959.770+/-0.271 χ^2/NDF : 646727.9/16

964.079+/-0.190 χ^2/NDF : 1336403.0/35

968.260+/-0.267 χ^2/NDF : 689178.3/18

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -108.977 ± 52.923 χ^2/NDF : 12.0/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 61.001 ± 51.542 χ^2/NDF : 15.7/18

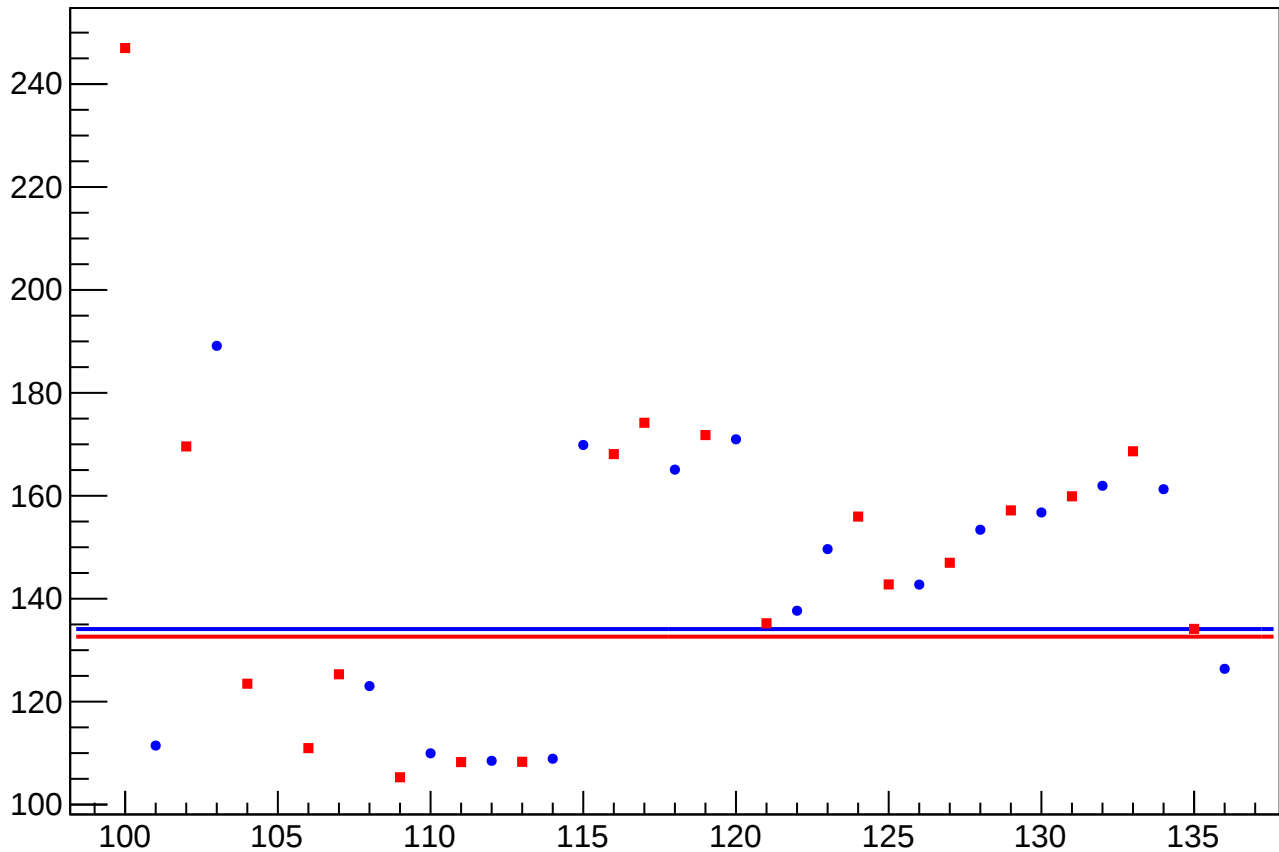
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-108.977 ± 52.923 χ^2/NDF : 12.0/16

-21.742 ± 36.924 χ^2/NDF : 33.0/35

61.001 ± 51.542 χ^2/NDF : 15.7/18

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 134.103+/-0.037 χ^2/NDF : 402581.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.623+/-0.036 χ^2/NDF : 445240.2/18

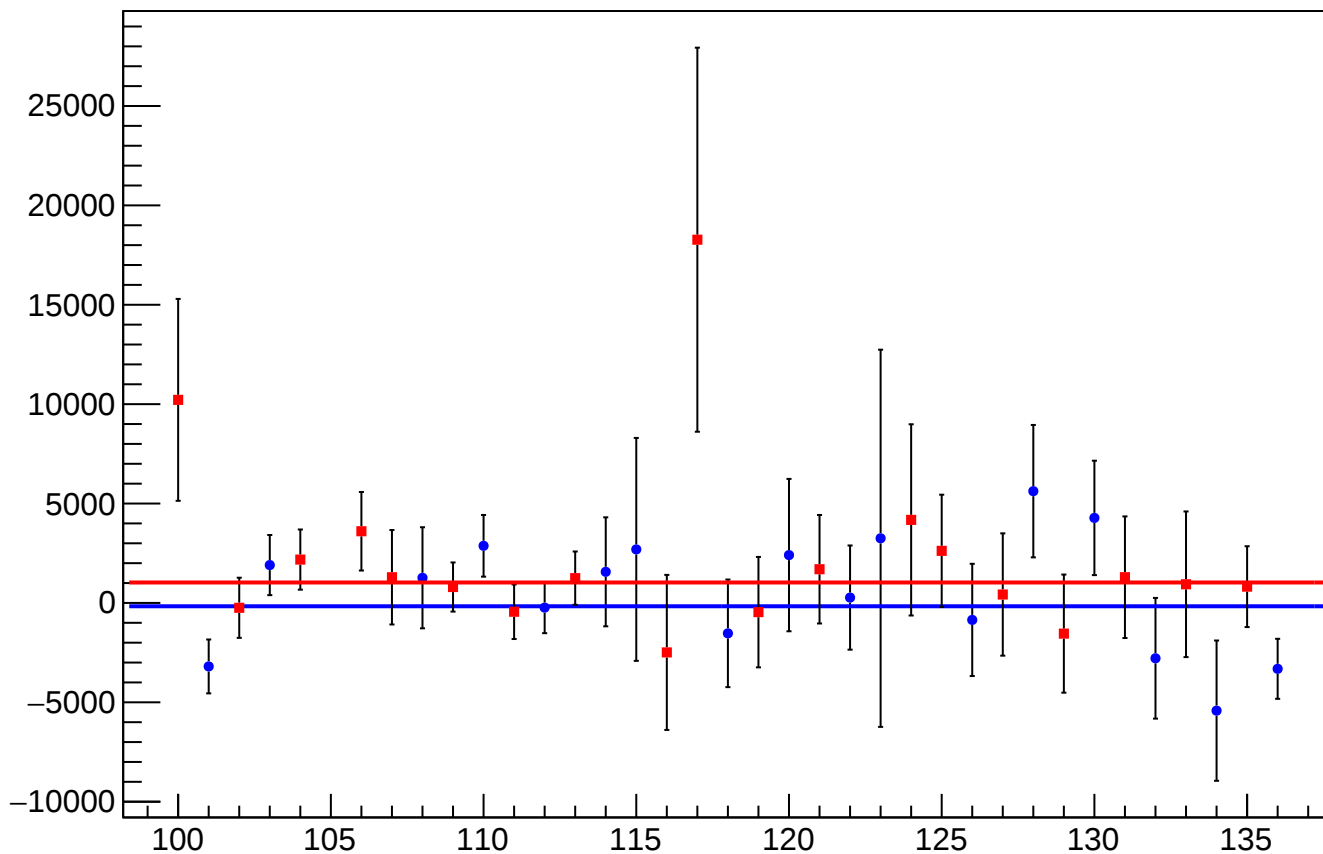
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

134.103+/-0.037 χ^2/NDF : 402581.2/16

133.343+/-0.026 χ^2/NDF : 848624.6/35

132.623+/-0.036 χ^2/NDF : 445240.2/18

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -168.237+/-523.672 χ^2 /NDF: 25.3/16

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1028.587+/-485.774 χ^2 /NDF: 13.4/18

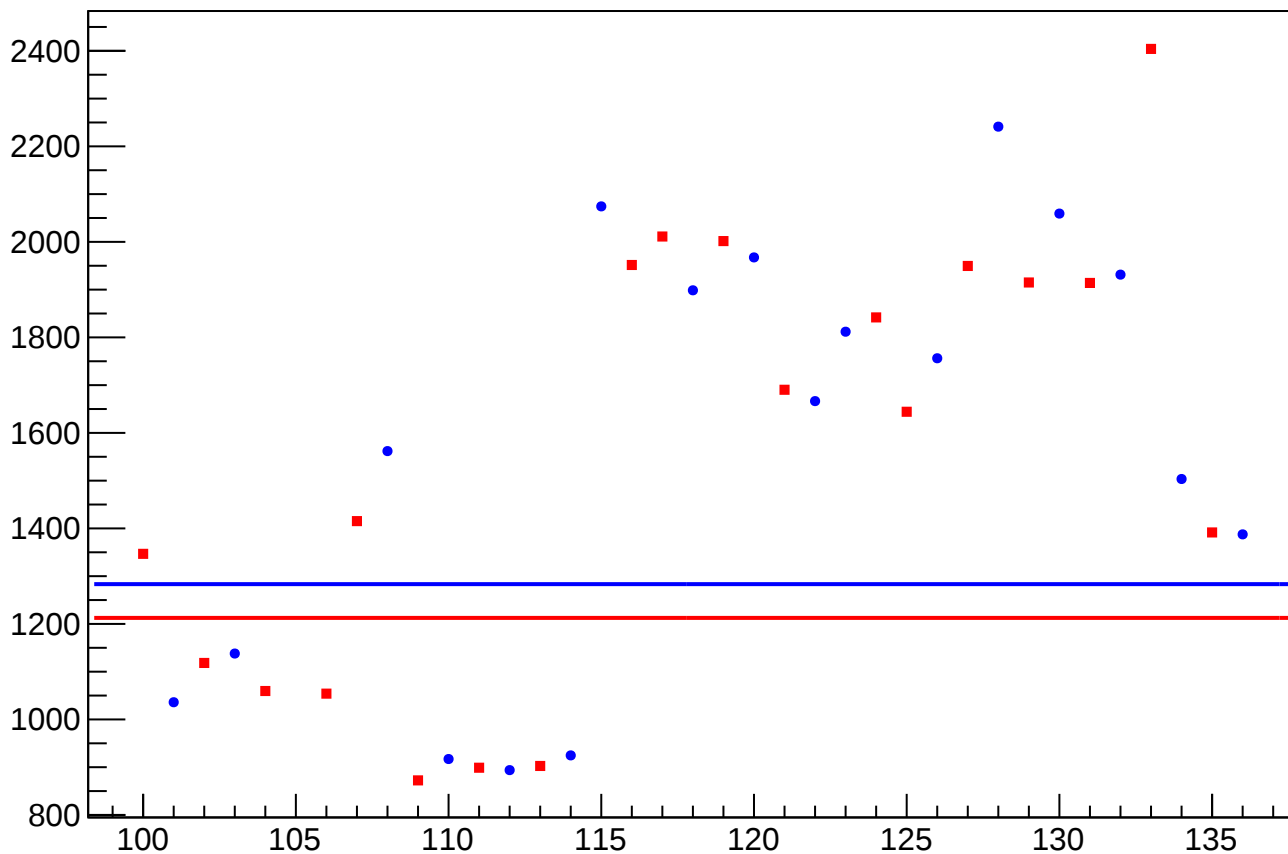
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-168.237+/-523.672 χ^2 /NDF: 25.3/16

475.045+/-356.139 χ^2 /NDF: 41.5/35

1028.587+/-485.774 χ^2 /NDF: 13.4/18

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1283.318+/-0.370 χ^2/NDF : 1169431.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1212.623+/-0.343 χ^2/NDF : 1367560.5/18

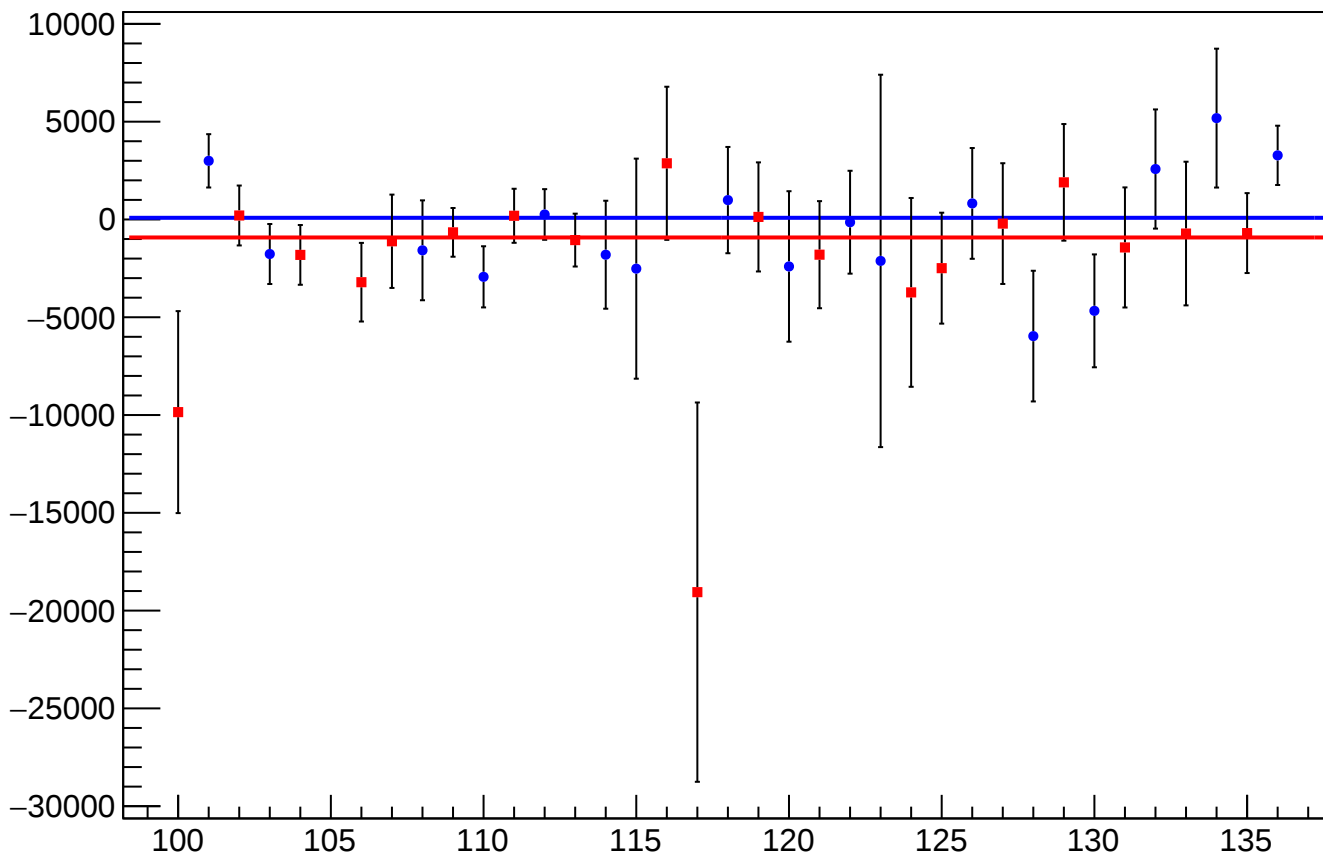
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1283.318+/-0.370 χ^2/NDF : 1169431.5/16

1245.320+/-0.252 χ^2/NDF : 2556583.2/35

1212.623+/-0.343 χ^2/NDF : 1367560.5/18

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 85.077+/-527.082 χ^2/NDF : 24.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -920.724+/-489.525 χ^2/NDF : 12.2/18

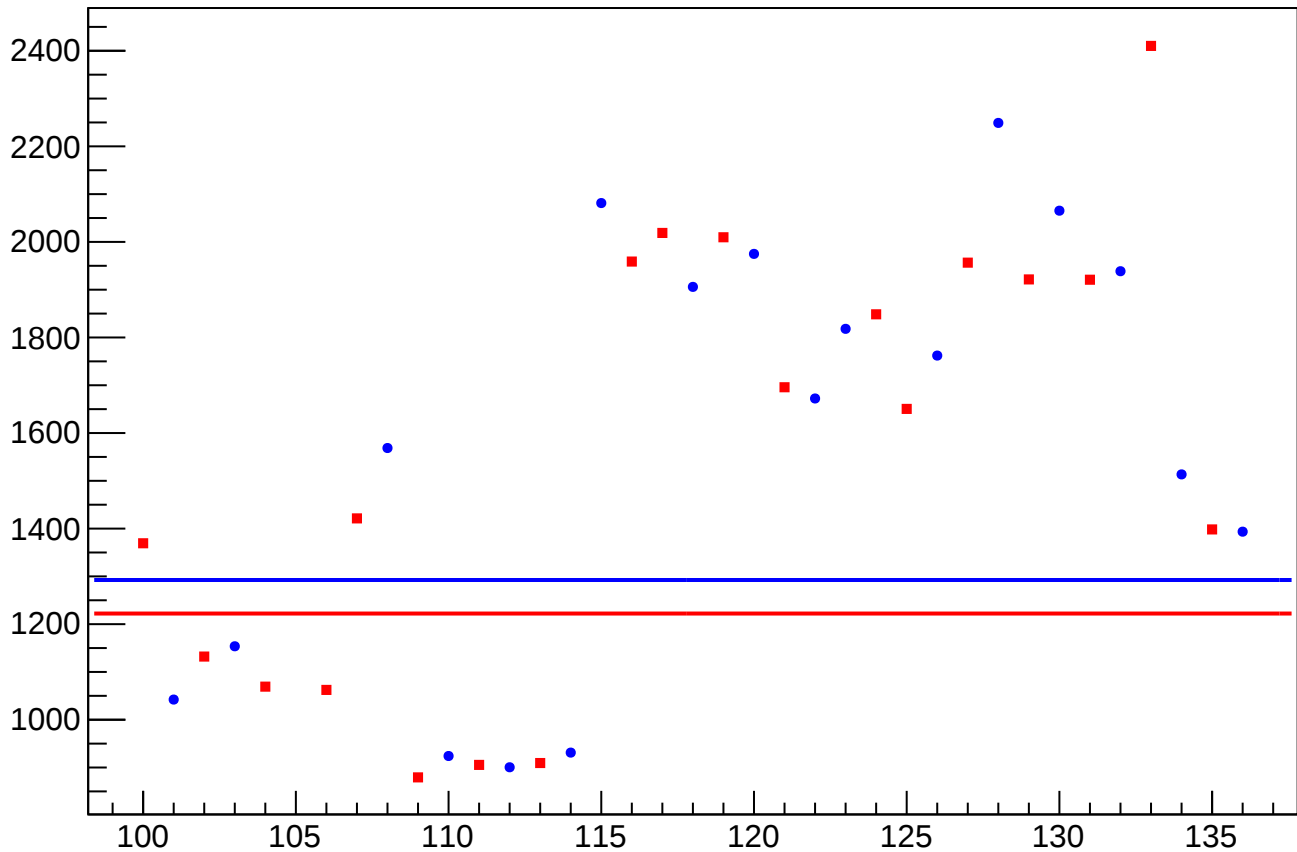
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

85.077+/-527.082 χ^2/NDF : 24.7/16

-454.931+/-358.690 χ^2/NDF : 38.8/35

-920.724+/-489.525 χ^2/NDF : 12.2/18

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1292.426 $\pm$ 0.373 χ^2 /NDF: 1156576.0/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1222.239 $\pm$ 0.346 χ^2 /NDF: 1352620.3/18

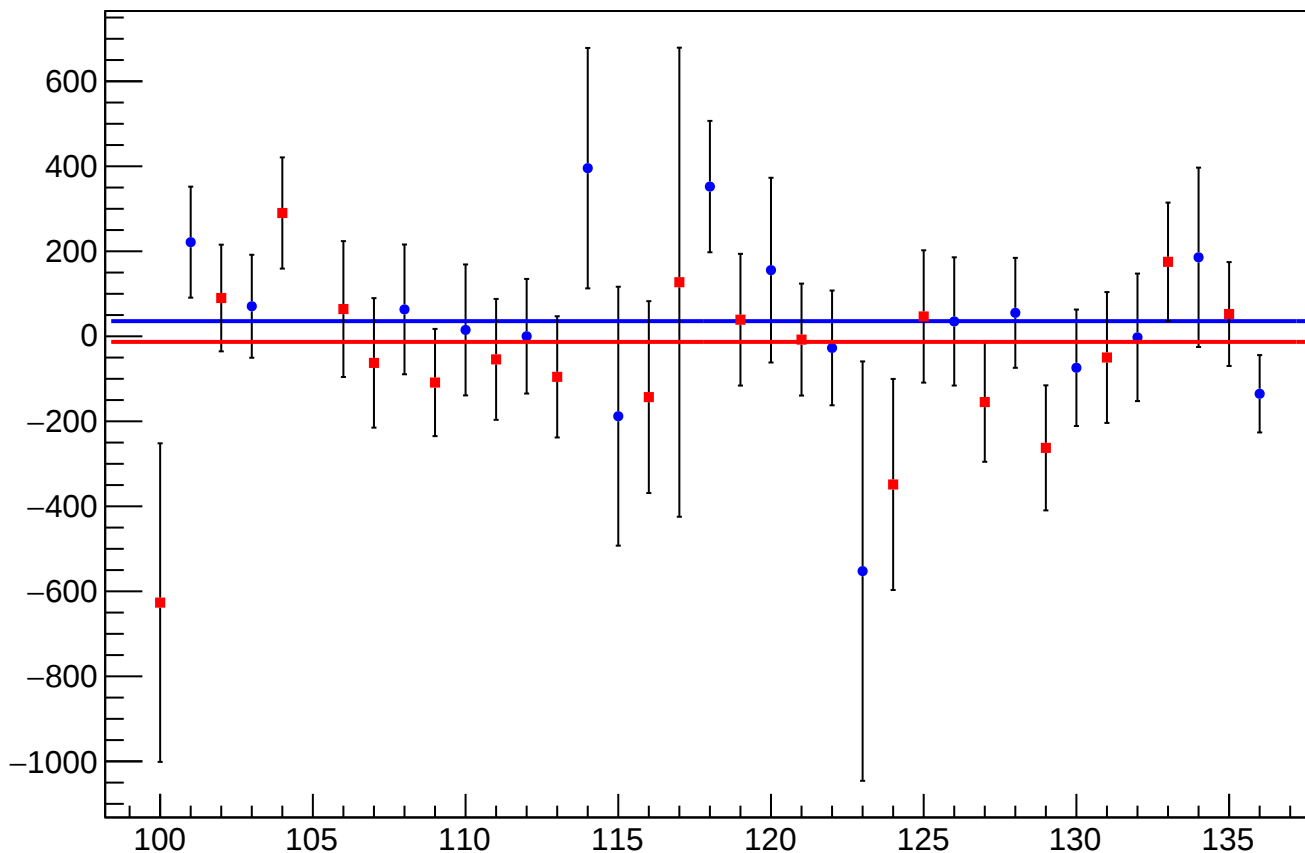
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1292.426 $\pm$ 0.373 χ^2 /NDF: 1156576.0/16

1254.743 $\pm$ 0.254 χ^2 /NDF: 2528236.7/35

1222.239 $\pm$ 0.346 χ^2 /NDF: 1352620.3/18

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 35.679+/-36.350 χ^2/NDF : 15.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.133+/-35.136 χ^2/NDF : 18.6/18

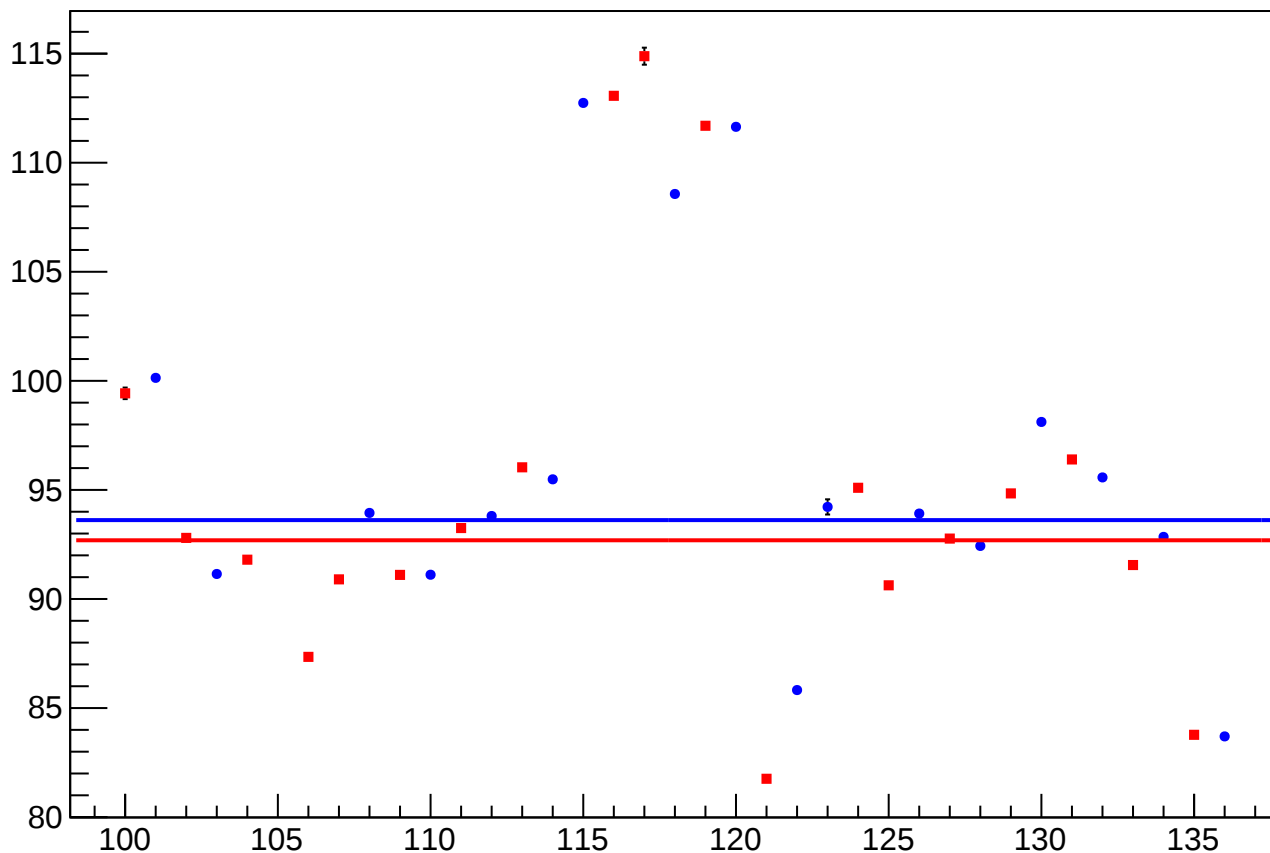
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

35.679+/-36.350 χ^2/NDF : 15.3/16

10.444+/-25.263 χ^2/NDF : 34.8/35

-13.133+/-35.136 χ^2/NDF : 18.6/18

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 92.691 $\pm$ 0.025 χ^2 /NDF: 80993.9/18

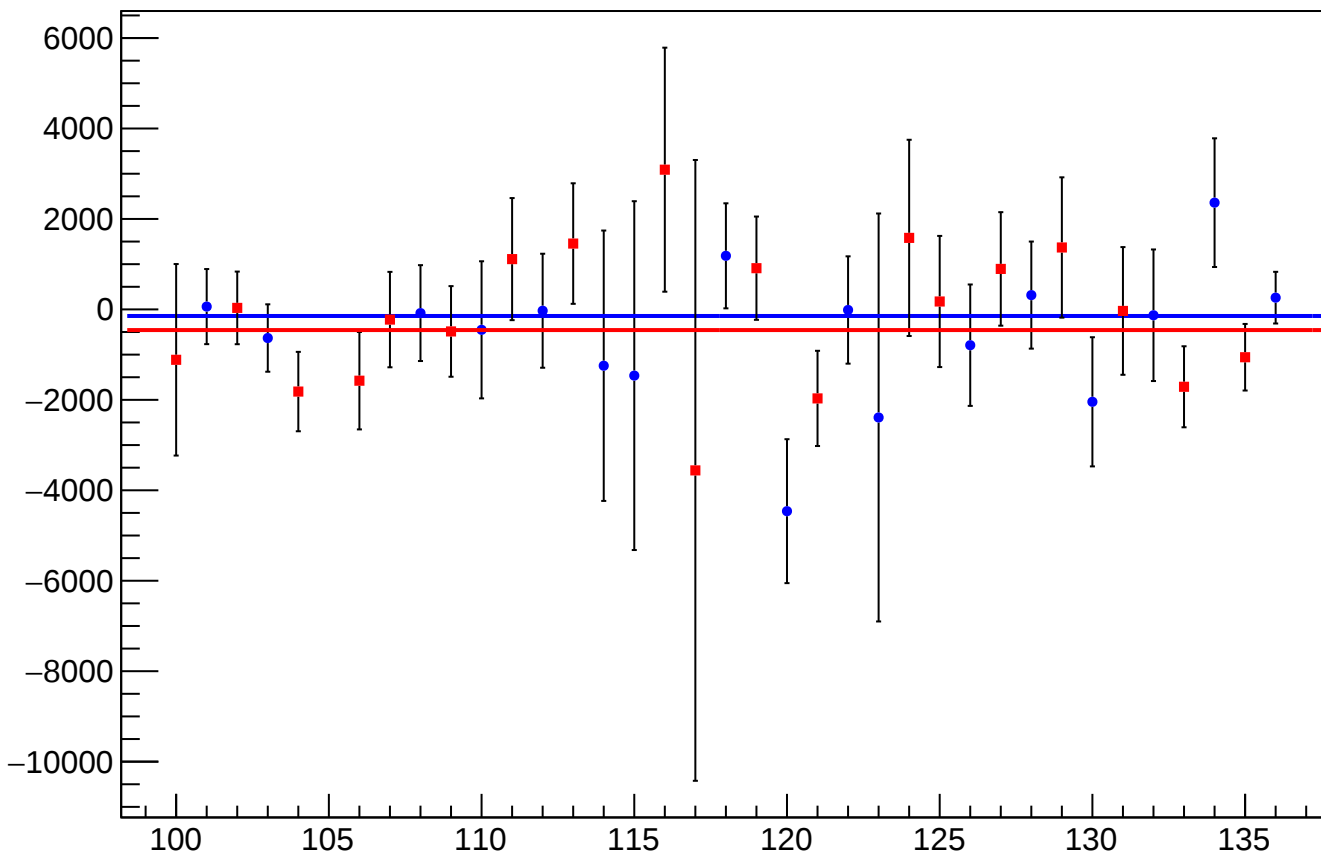
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

93.616 $\pm$ 0.026 χ^2 /NDF: 79928.5/16

93.138 $\pm$ 0.018 χ^2 /NDF: 161591.8/35

92.691 $\pm$ 0.025 χ^2 /NDF: 80993.9/18

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -145.464+/-276.629 χ^2/NDF : 15.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -457.039+/-266.318 χ^2/NDF : 19.2/18

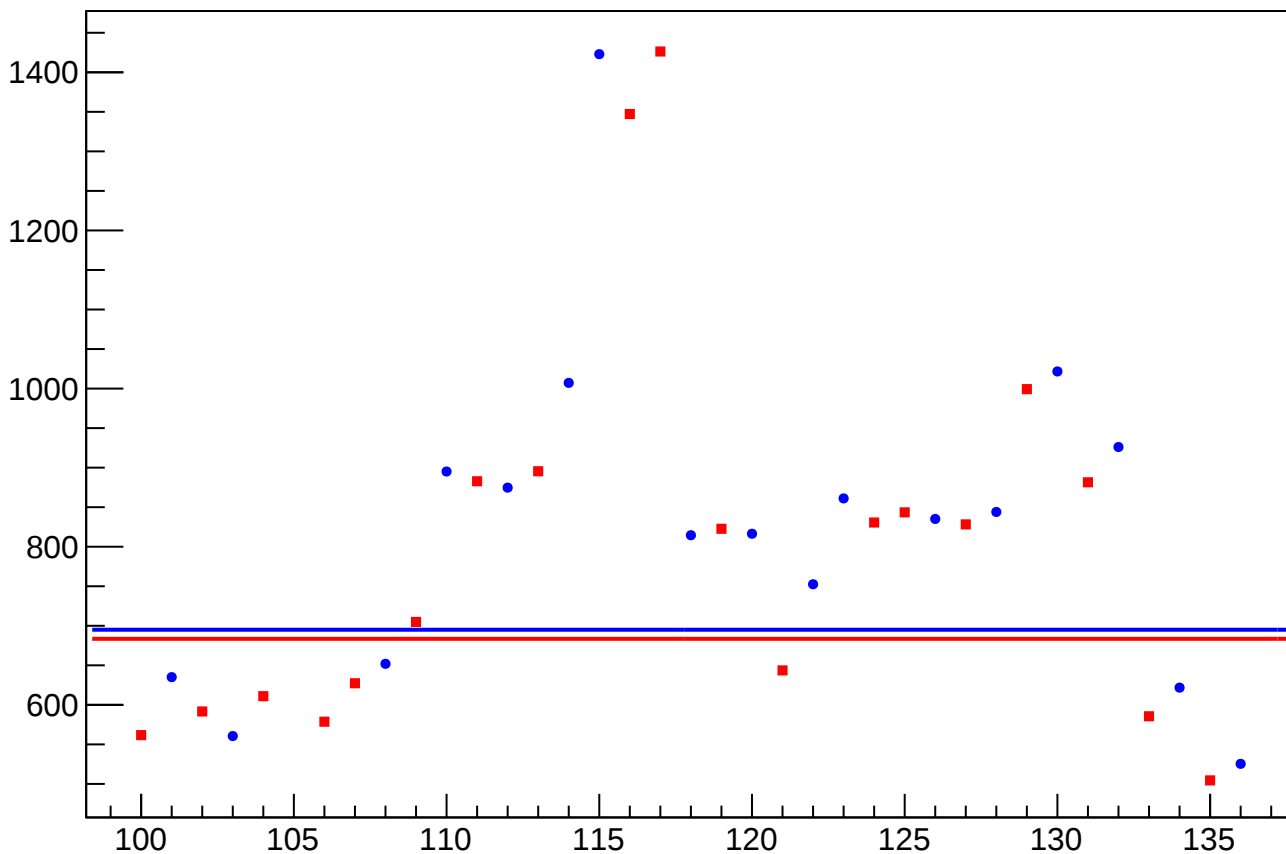
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-145.464+/-276.629 χ^2/NDF : 15.5/16

-307.167+/-191.857 χ^2/NDF : 35.3/35

-457.039+/-266.318 χ^2/NDF : 19.2/18

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 695.014+/-0.196 χ^2/NDF : 677713.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 683.534+/-0.188 χ^2/NDF : 667768.1/18

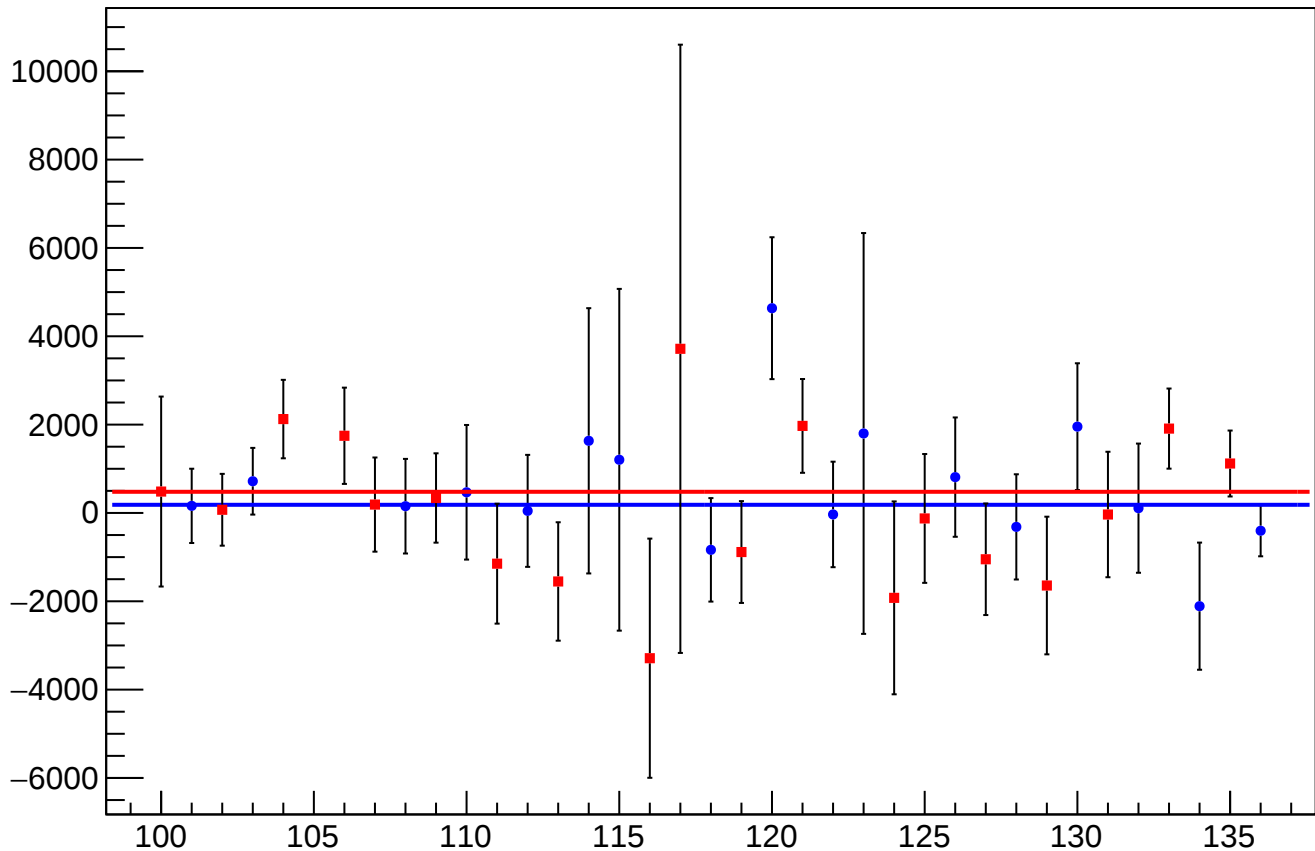
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

695.014+/-0.196 χ^2/NDF : 677713.0/16

689.056+/-0.136 χ^2/NDF : 1347268.6/35

683.534+/-0.188 χ^2/NDF : 667768.1/18

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 184.518+/-279.390 χ^2/NDF : 14.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 479.077+/-269.012 χ^2/NDF : 22.5/18

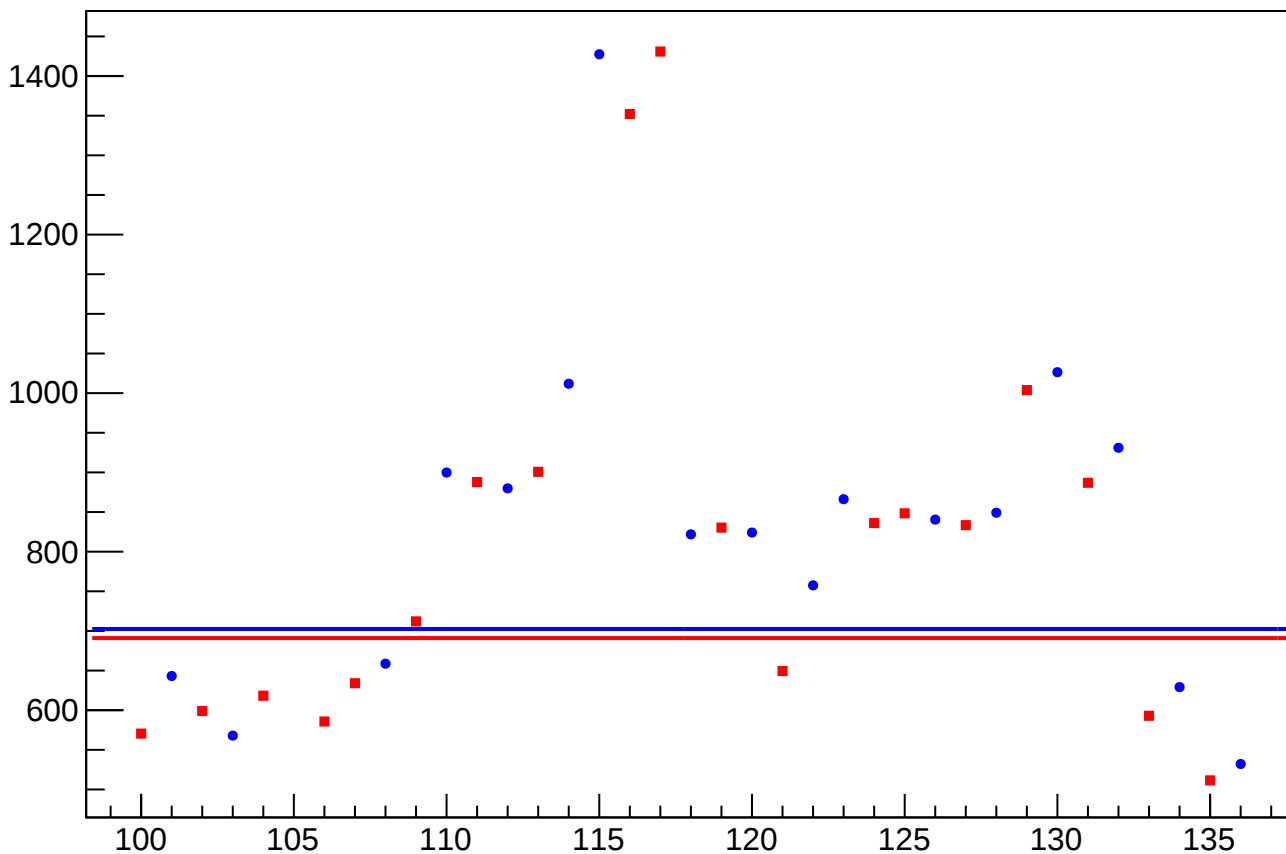
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

184.518+/-279.390 χ^2/NDF : 14.9/16

337.370+/-193.785 χ^2/NDF : 38.0/35

479.077+/-269.012 χ^2/NDF : 22.5/18

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 702.469+/-0.198 χ^2/NDF : 660525.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 691.001+/-0.190 χ^2/NDF : 651447.1/18

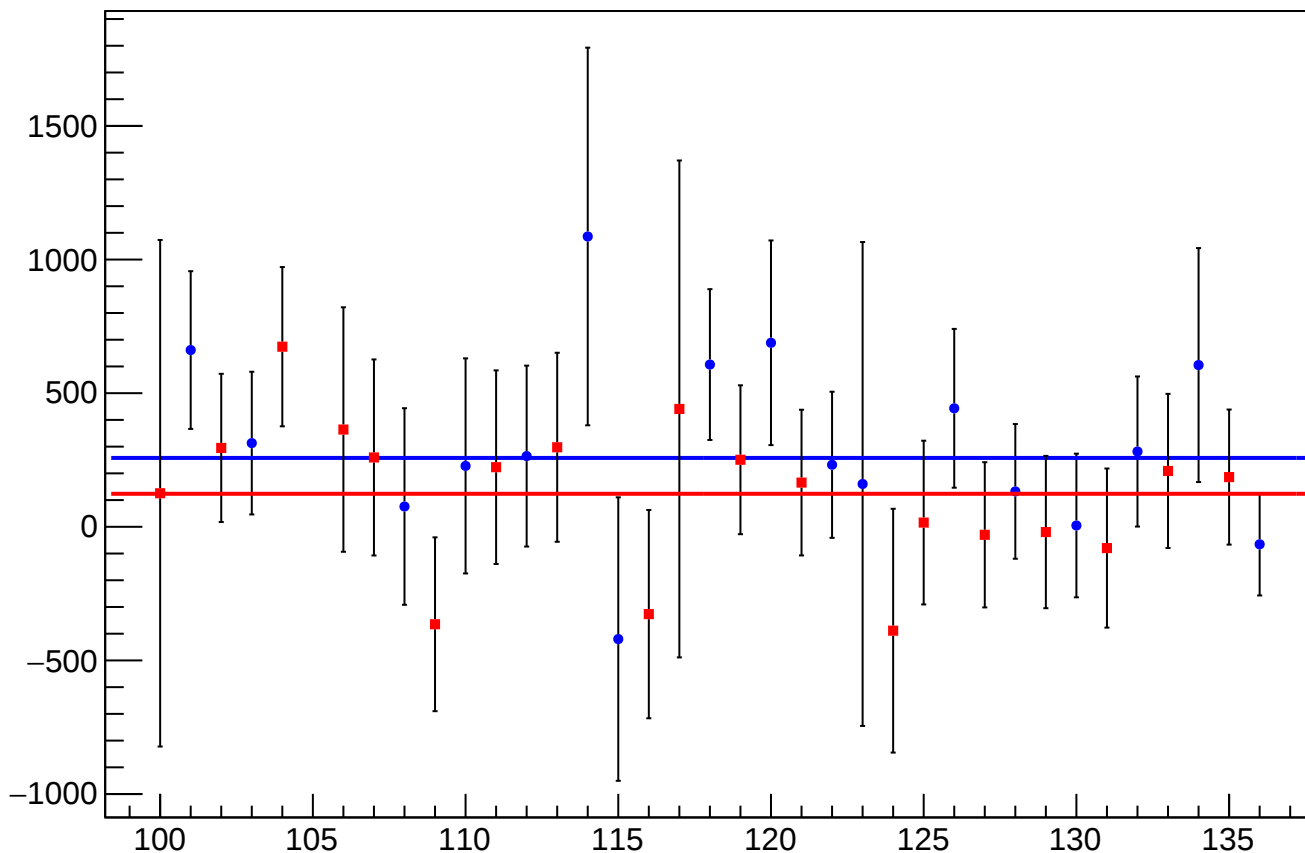
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

702.469+/-0.198 χ^2/NDF : 660525.4/16

696.518+/-0.137 χ^2/NDF : 1313721.1/35

691.001+/-0.190 χ^2/NDF : 651447.1/18

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 123.526 $\pm$ 75.154 χ^2 /NDF: 11.0/18

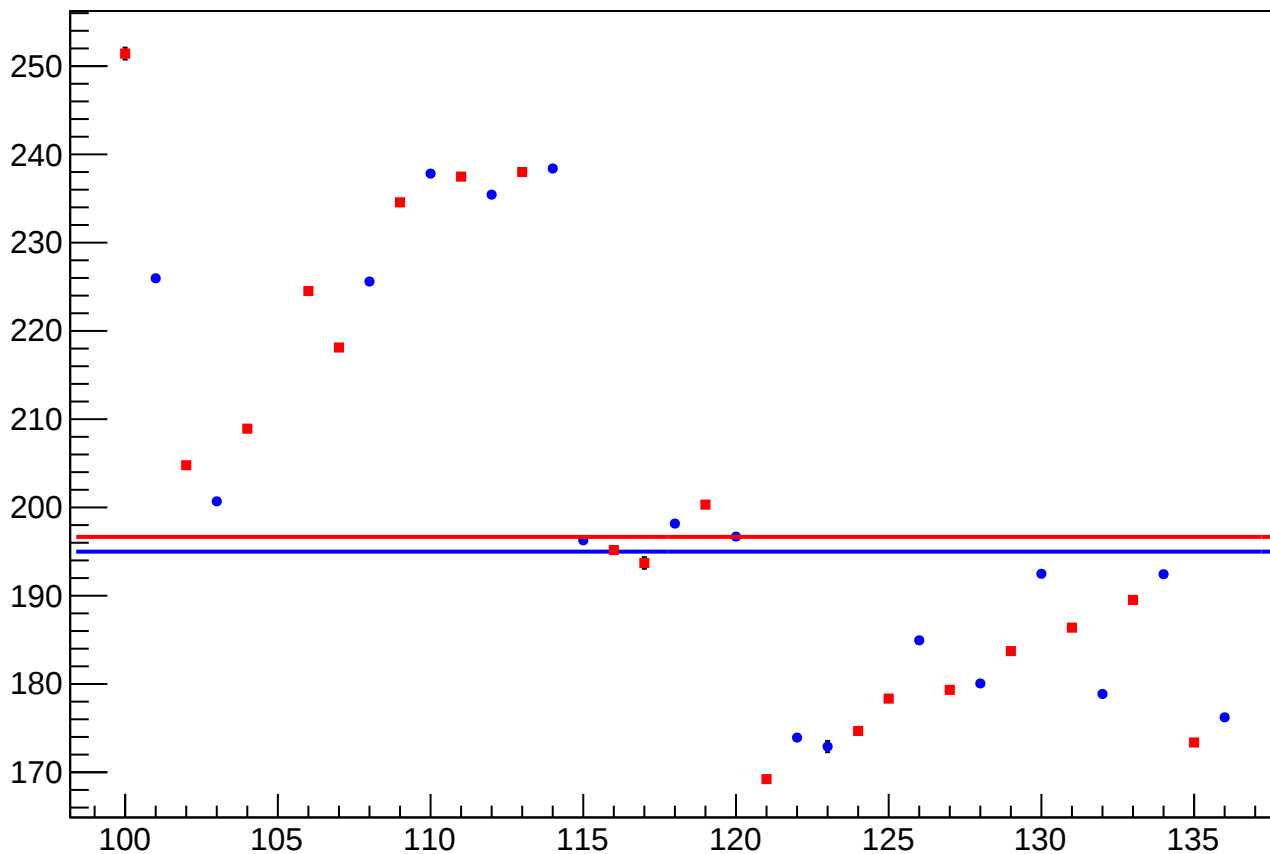
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

257.721 $\pm$ 75.931 χ^2 /NDF: 13.0/16

189.933 $\pm$ 53.415 χ^2 /NDF: 25.6/35

123.526 $\pm$ 75.154 χ^2 /NDF: 11.0/18

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 196.665 $\pm$ 0.053 χ^2 /NDF: 171241.8/18

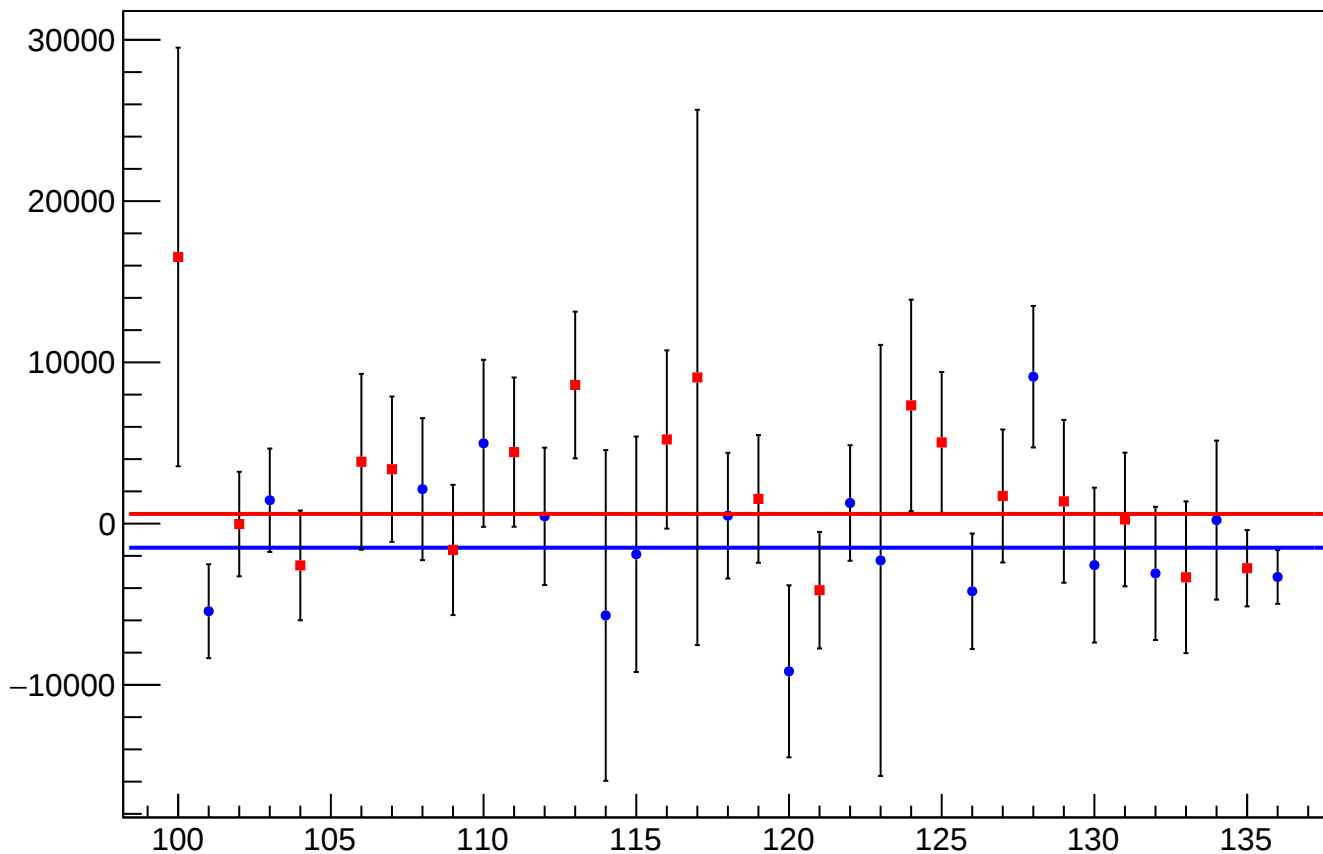
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

194.994 $\pm$ 0.054 χ^2 /NDF: 144271.1/16

195.838 $\pm$ 0.038 χ^2 /NDF: 316002.0/35

196.665 $\pm$ 0.053 χ^2 /NDF: 171241.8/18

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1493.280+/-910.834 χ^2/NDF : 16.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 599.929+/-971.765 χ^2/NDF : 14.9/18

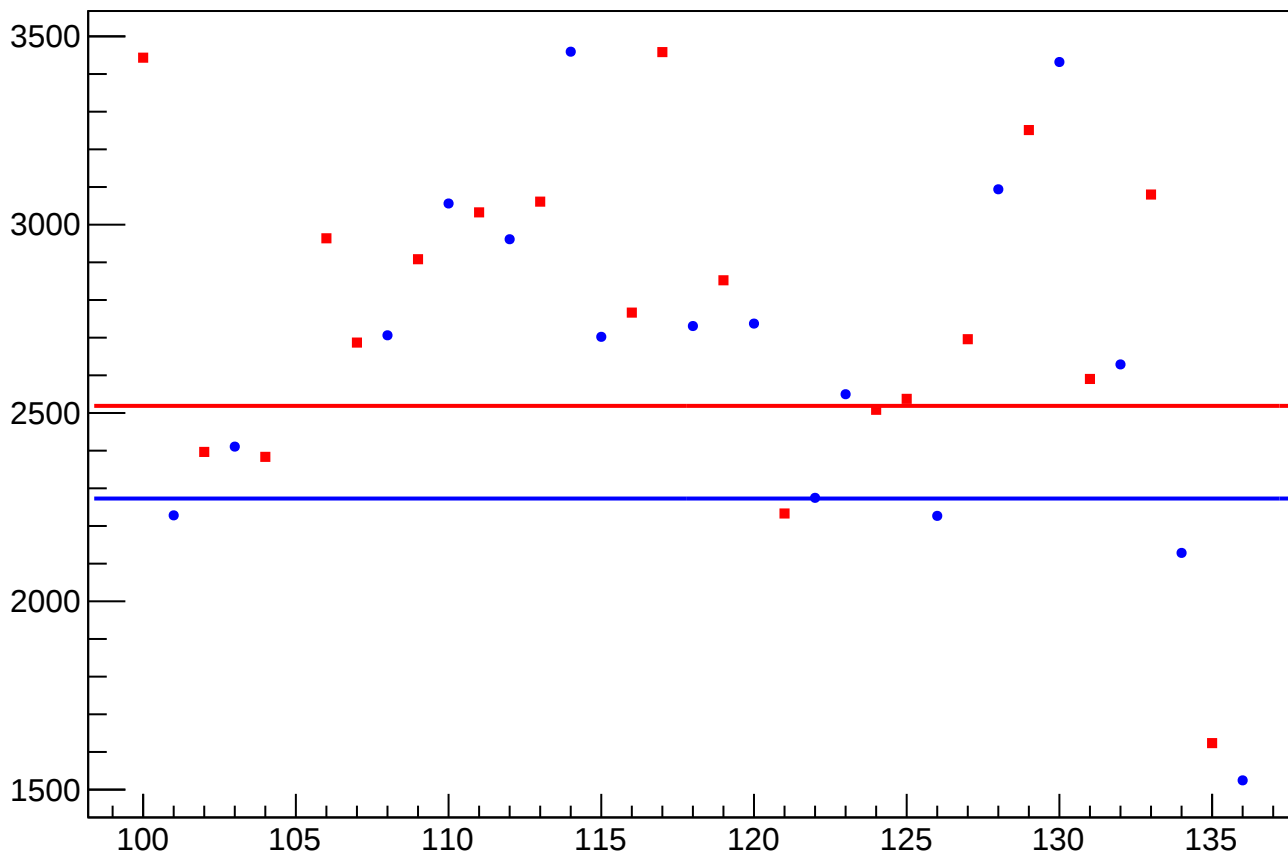
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1493.280+/-910.834 χ^2/NDF : 16.1/16

-514.352+/-664.554 χ^2/NDF : 33.5/35

599.929+/-971.765 χ^2/NDF : 14.9/18

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2272.883+/-0.644 χ^2/NDF : 805650.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2518.895+/-0.687 χ^2/NDF : 501995.7/18

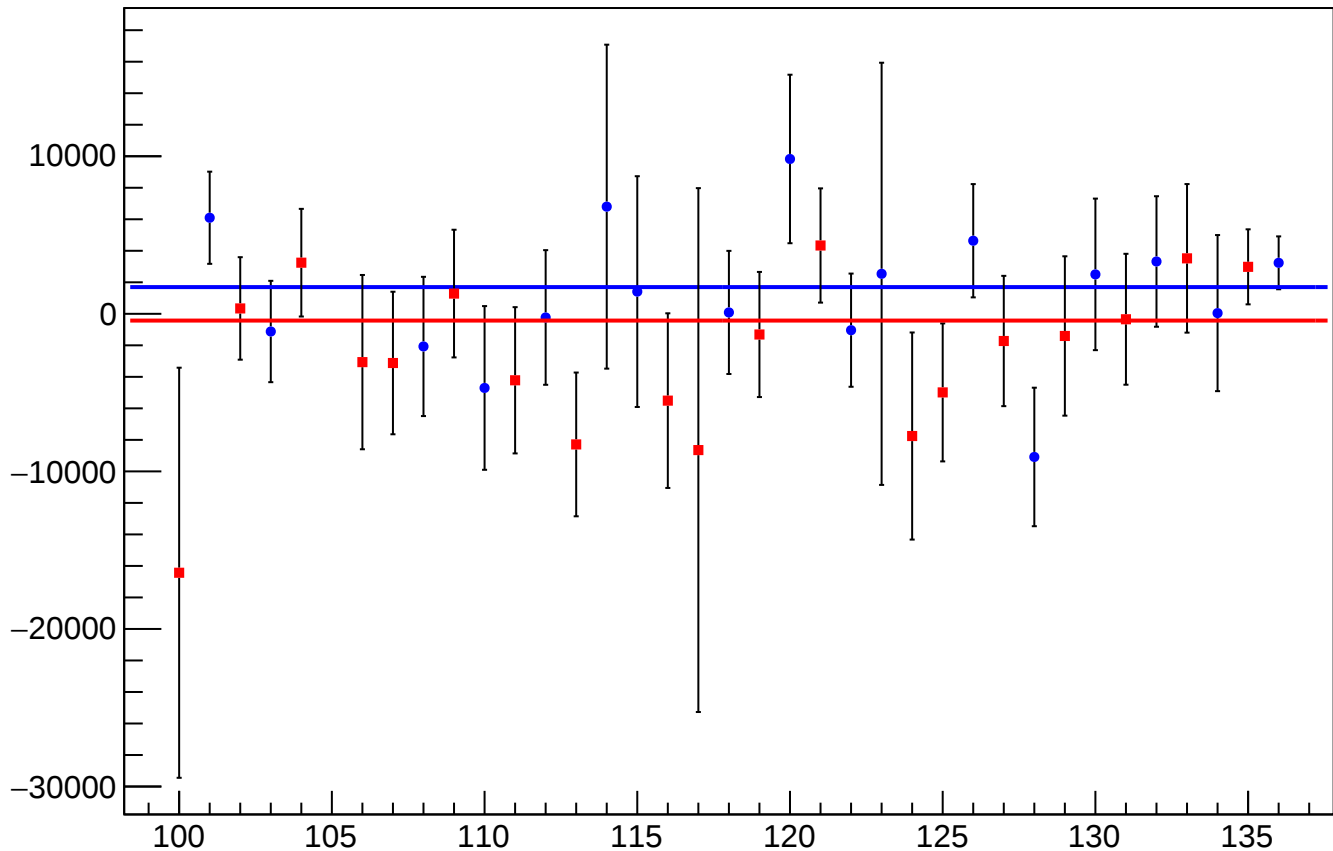
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2272.883+/-0.644 χ^2/NDF : 805650.3/16

2387.935+/-0.470 χ^2/NDF : 1375880.2/35

2518.895+/-0.687 χ^2/NDF : 501995.7/18

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1695.956 $\pm$ 914.855 χ^2 /NDF: 16.6/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -428.595 $\pm$ 975.409 χ^2 /NDF: 15.2/18

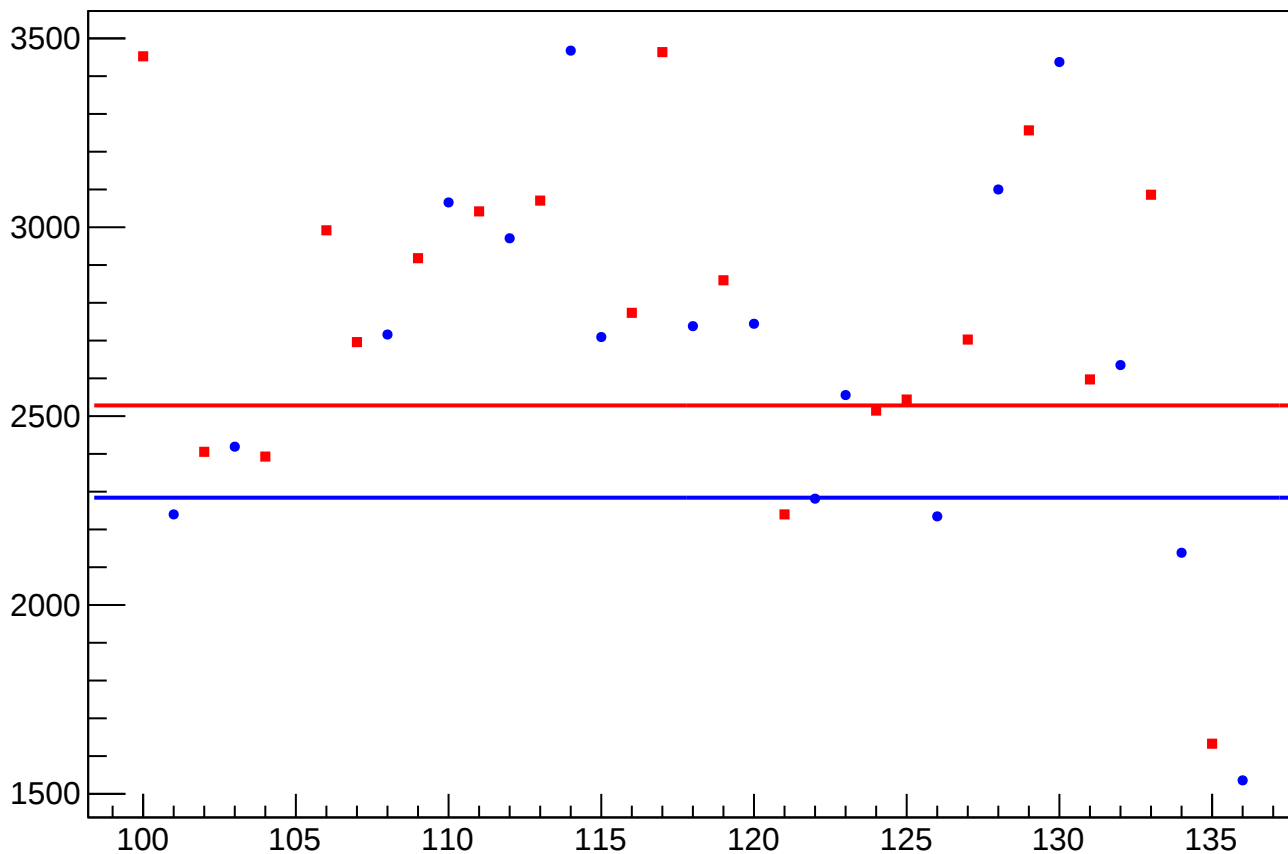
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1695.956 $\pm$ 914.855 χ^2 /NDF: 16.6/16

701.670 $\pm$ 667.281 χ^2 /NDF: 34.3/35

-428.595 $\pm$ 975.409 χ^2 /NDF: 15.2/18

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2284.104 $\pm$ 0.647 χ^2 /NDF: 793993.4/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2528.289 $\pm$ 0.690 χ^2 /NDF: 497511.9/18

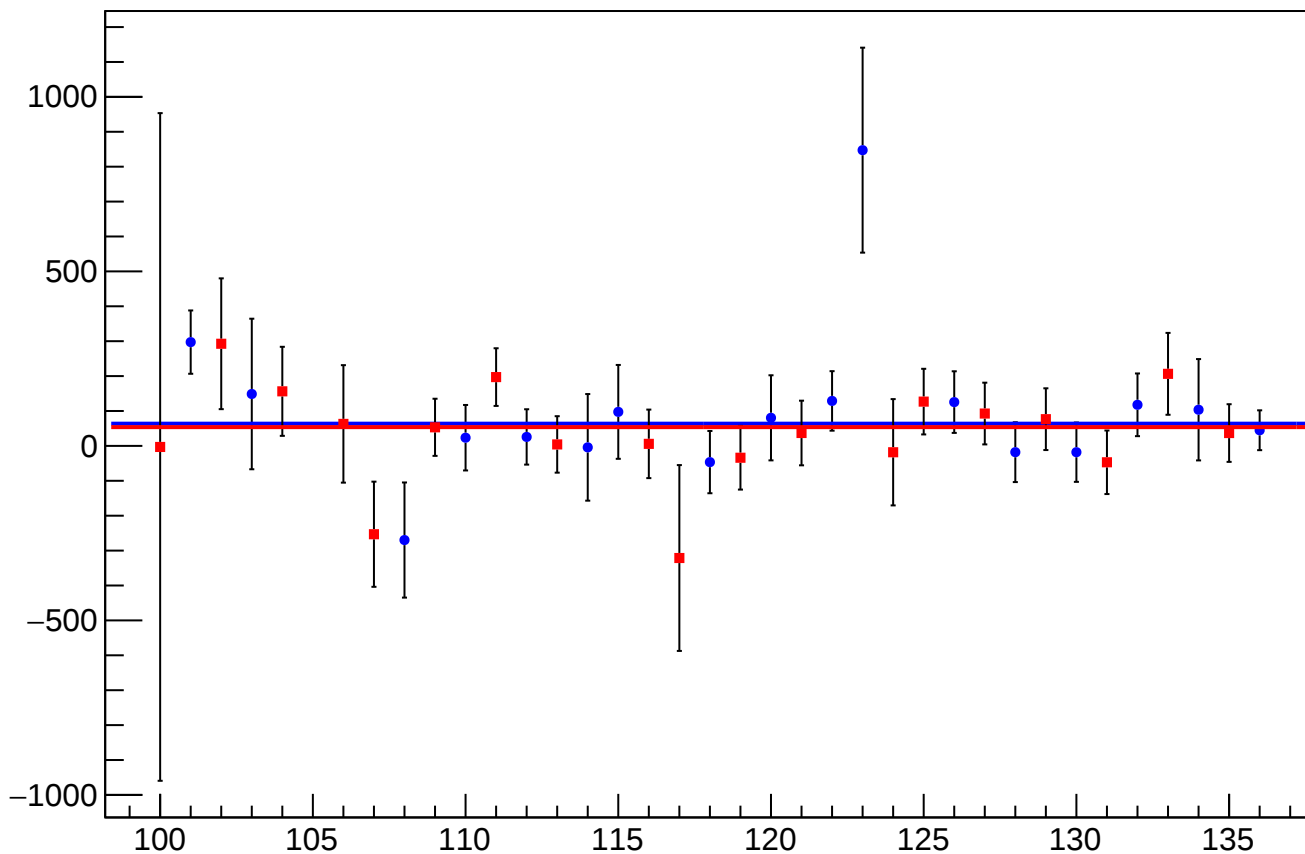
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2284.104 $\pm$ 0.647 χ^2 /NDF: 793993.4/16

2398.382 $\pm$ 0.472 χ^2 /NDF: 1358187.3/35

2528.289 $\pm$ 0.690 χ^2 /NDF: 497511.9/18

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 53.748 $\pm$ 24.073 χ^2 /NDF: 17.0/18

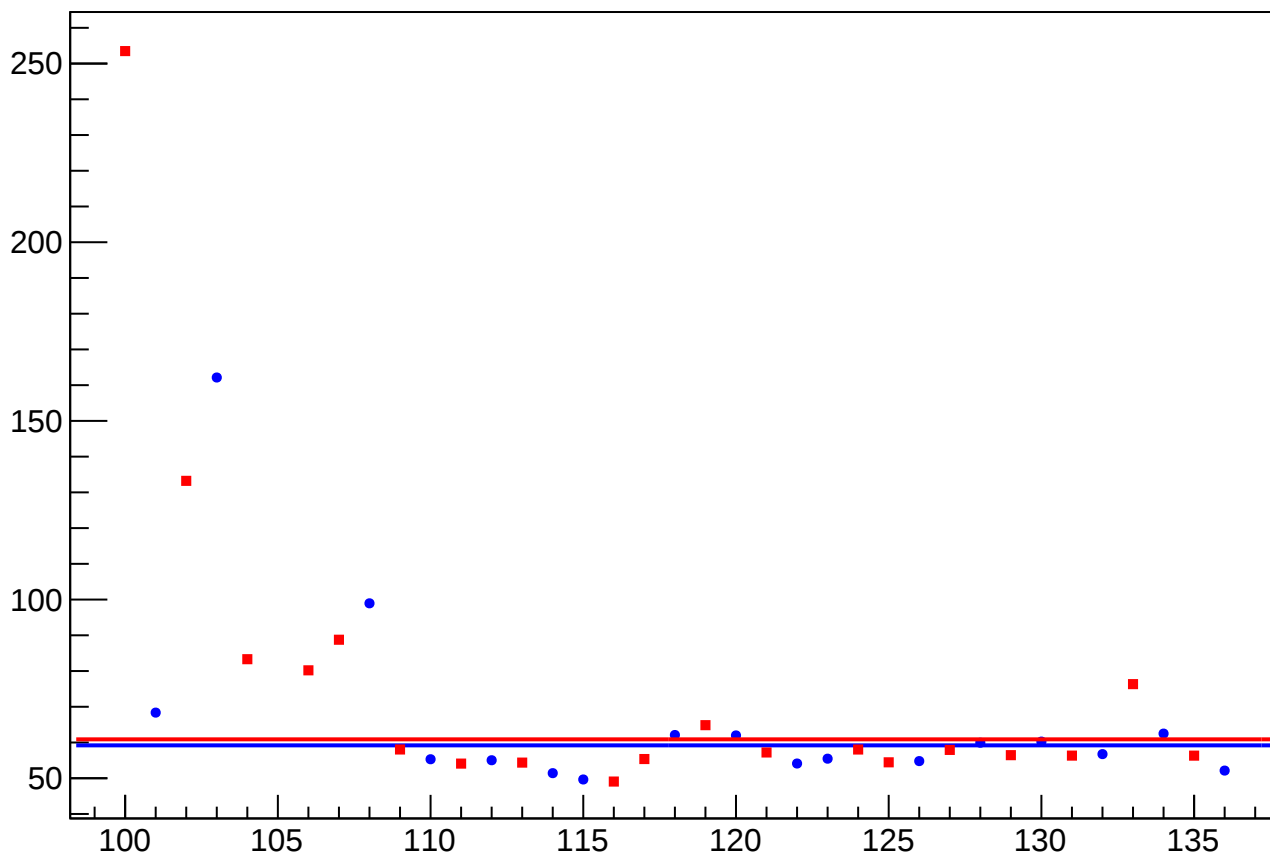
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

63.666 $\pm$ 23.743 χ^2 /NDF: 23.7/16

58.776 $\pm$ 16.904 χ^2 /NDF: 40.8/35

53.748 $\pm$ 24.073 χ^2 /NDF: 17.0/18

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 59.200+/-0.017 χ^2/NDF : 665472.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.885+/-0.017 χ^2/NDF : 664537.1/18

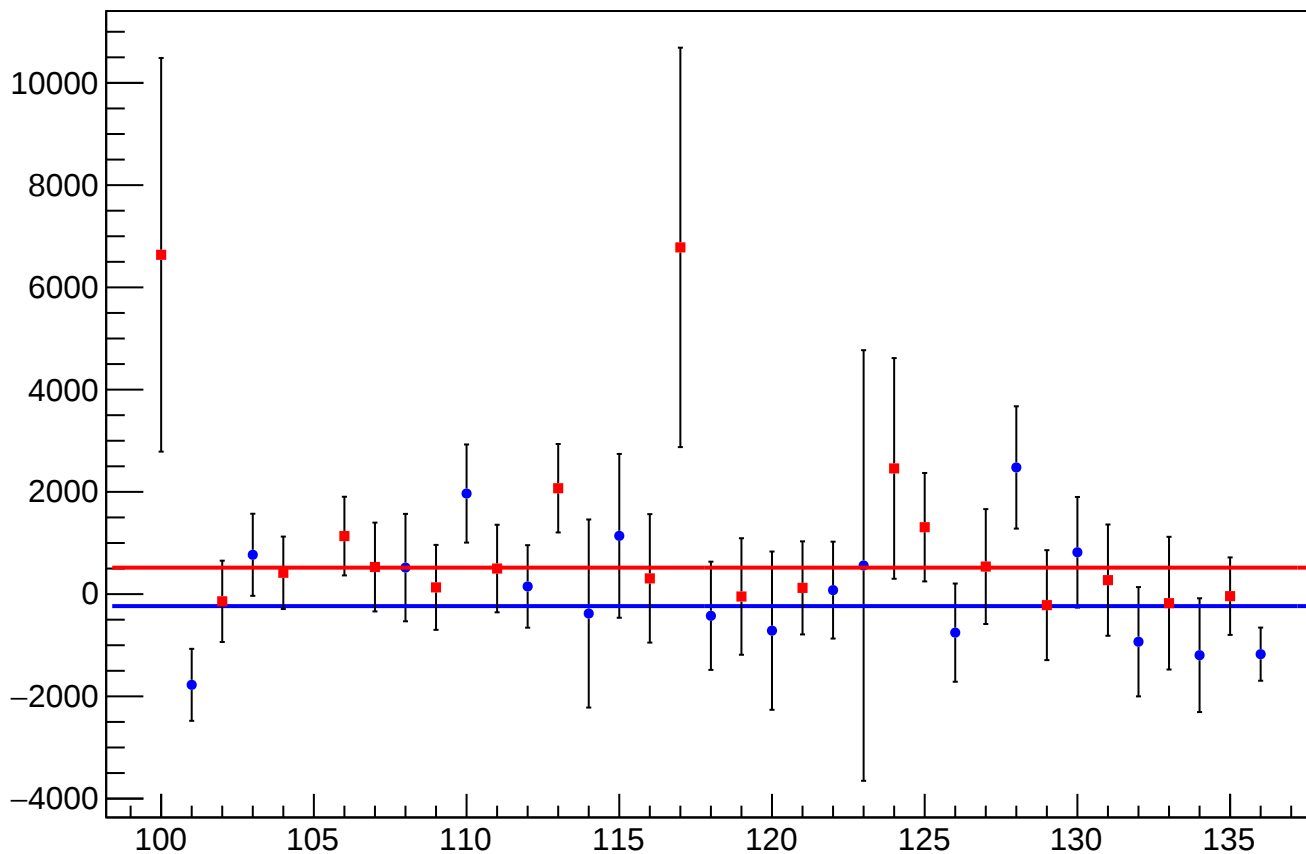
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

59.200+/-0.017 χ^2/NDF : 665472.4/16

60.031+/-0.012 χ^2/NDF : 1334976.3/35

60.885+/-0.017 χ^2/NDF : 664537.1/18

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -234.492+/-233.880 χ^2/NDF : 24.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 517.894+/-226.910 χ^2/NDF : 13.1/18

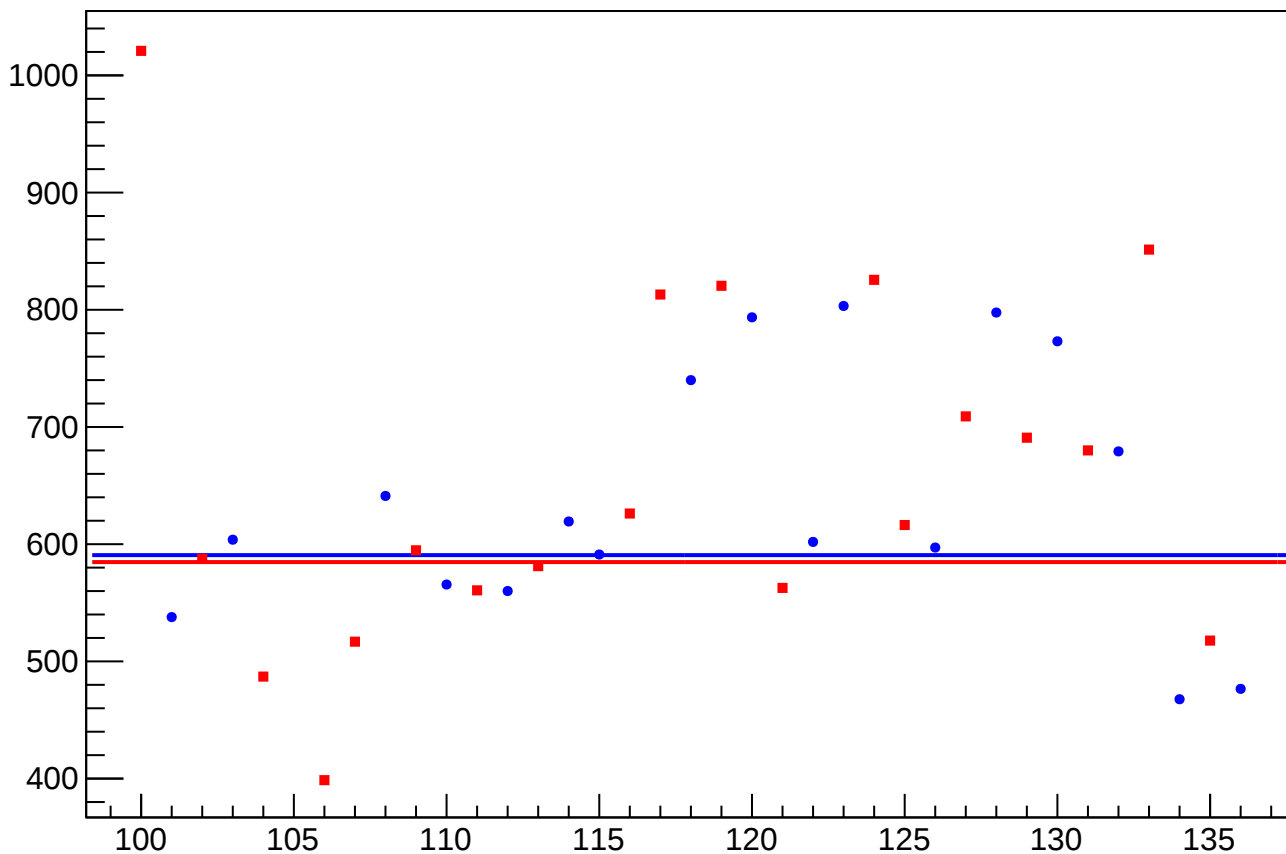
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-234.492+/-233.880 χ^2/NDF : 24.2/16

153.080+/-162.858 χ^2/NDF : 42.6/35

517.894+/-226.910 χ^2/NDF : 13.1/18

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 590.659+/-0.165 χ^2/NDF : 352080.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 584.731+/-0.160 χ^2/NDF : 476615.4/18

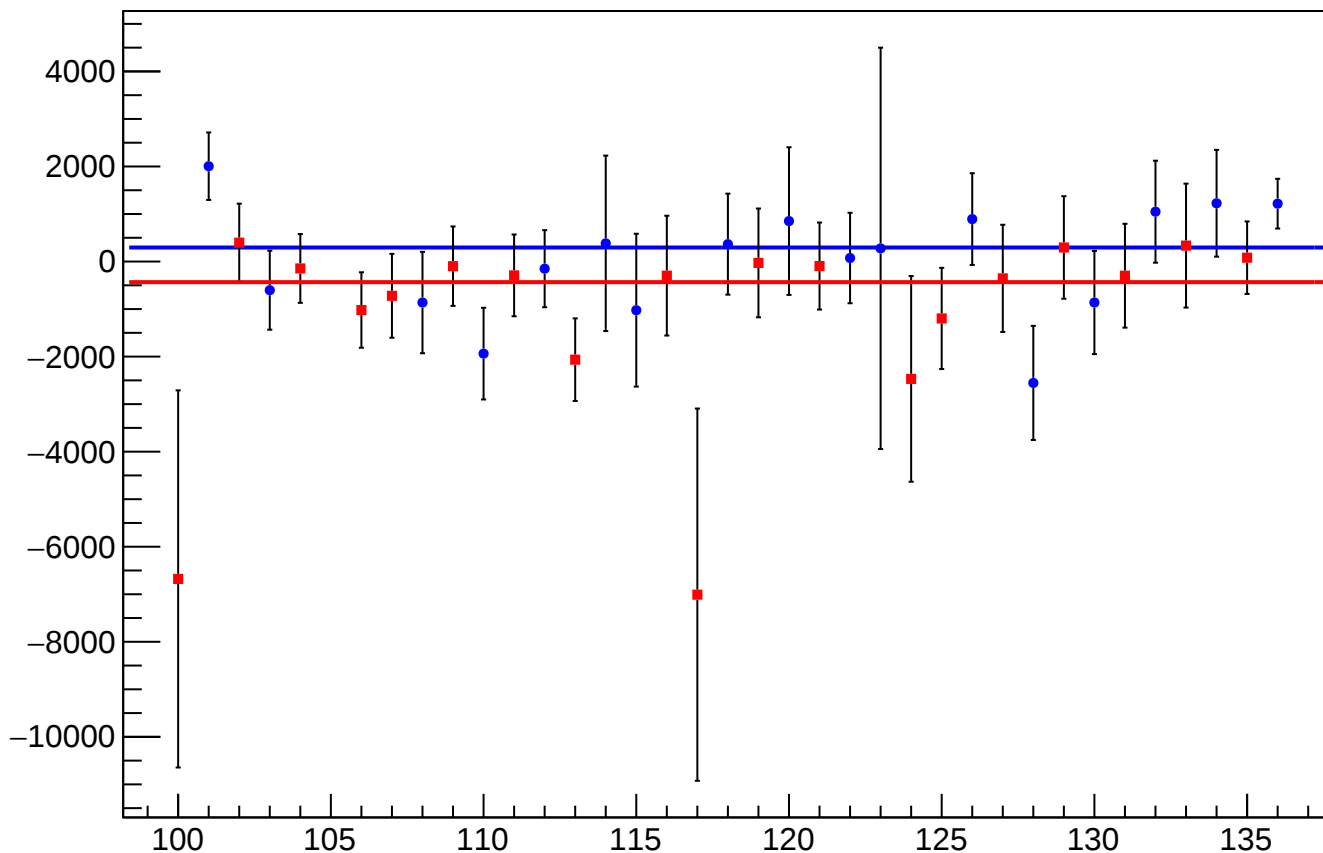
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

590.659+/-0.165 χ^2/NDF : 352080.1/16

587.605+/-0.115 χ^2/NDF : 829357.5/35

584.731+/-0.160 χ^2/NDF : 476615.4/18

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 295.401+/-235.860 χ^2/NDF : 26.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -433.303+/-229.554 χ^2/NDF : 13.8/18

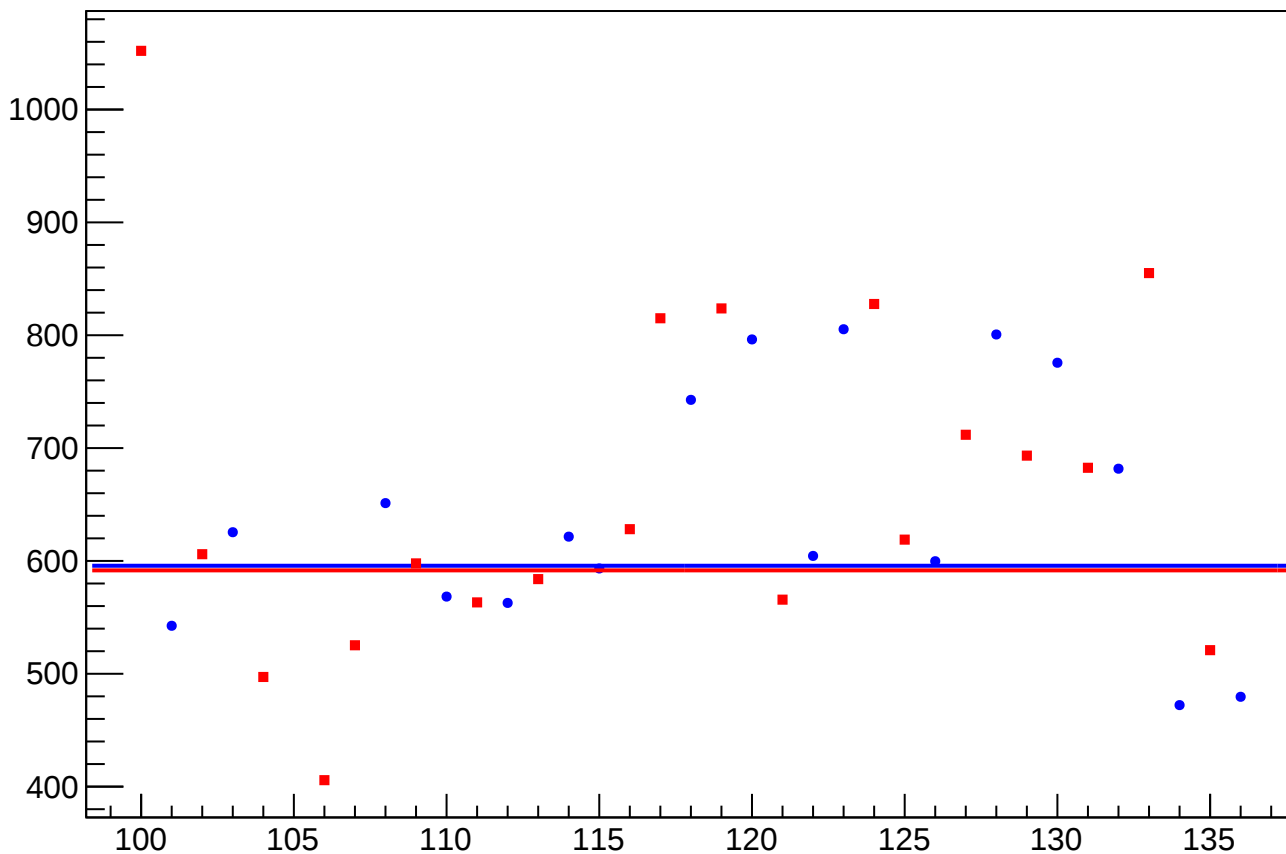
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

295.401+/-235.860 χ^2/NDF : 26.1/16

-78.823+/-164.503 χ^2/NDF : 44.8/35

-433.303+/-229.554 χ^2/NDF : 13.8/18

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 595.734+/-0.167 χ^2/NDF : 350058.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 591.636+/-0.162 χ^2/NDF : 455412.7/18

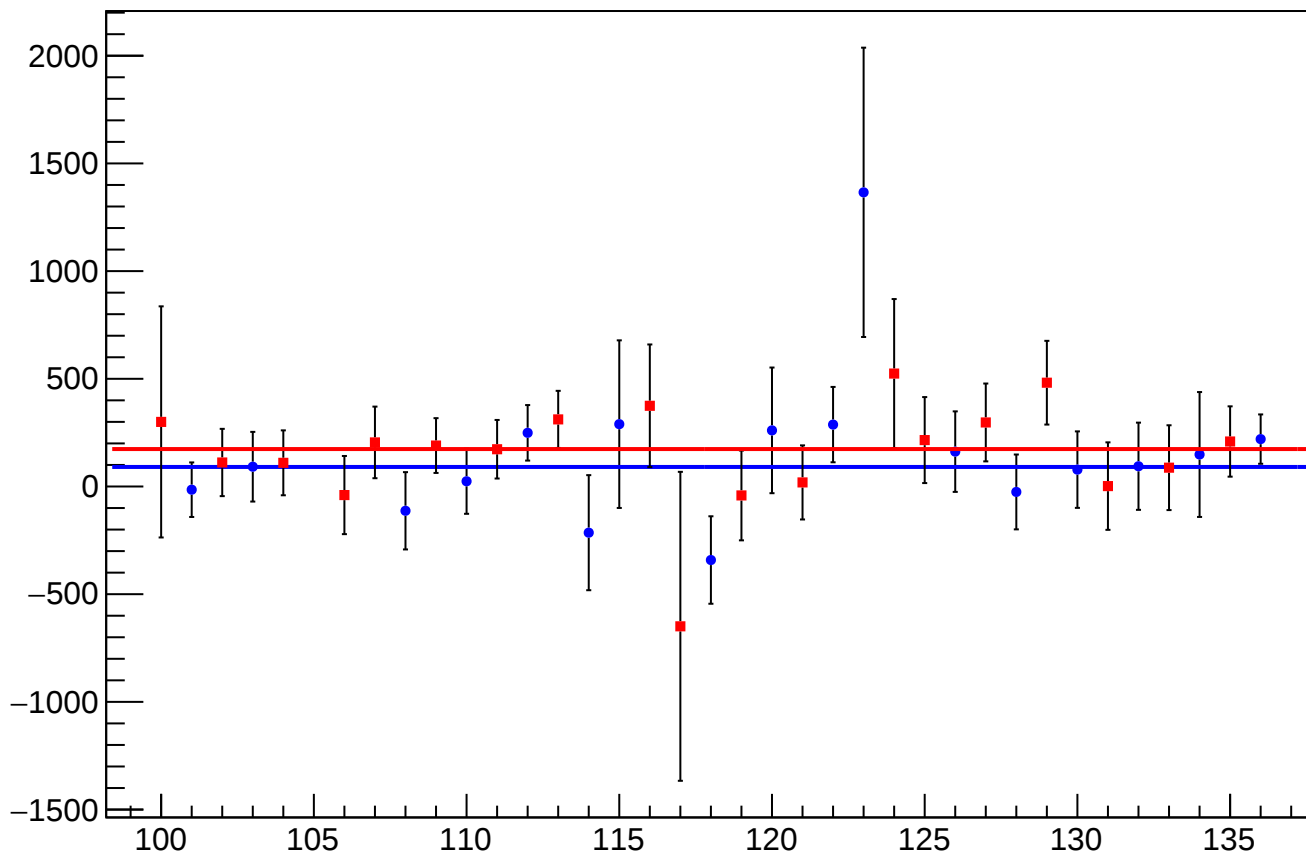
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

595.734+/-0.167 χ^2/NDF : 350058.2/16

593.630+/-0.116 χ^2/NDF : 805780.9/35

591.636+/-0.162 χ^2/NDF : 455412.7/18

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 90.711+/-43.312 χ^2/NDF : 16.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.829+/-41.629 χ^2/NDF : 11.6/18

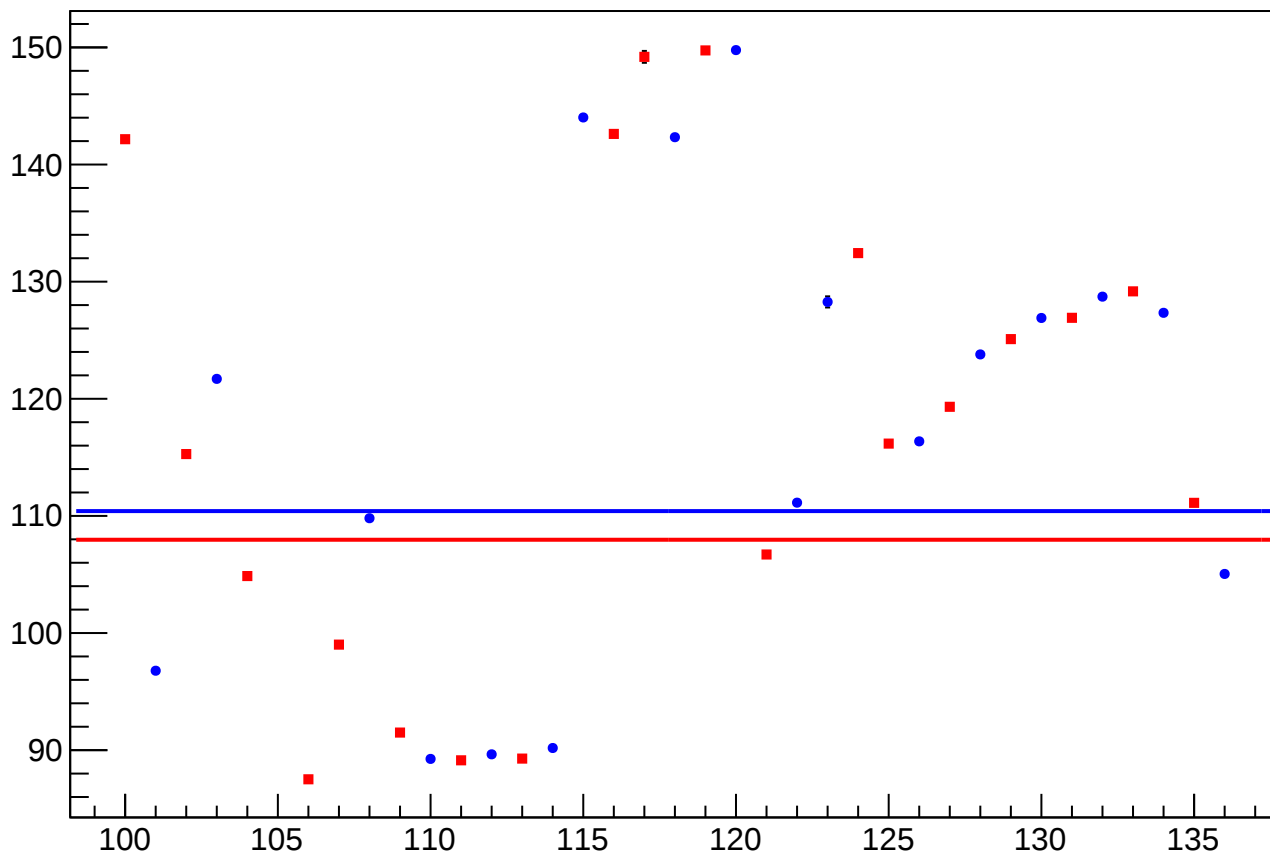
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

90.711+/-43.312 χ^2/NDF : 16.9/16

133.916+/-30.014 χ^2/NDF : 30.4/35

173.829+/-41.629 χ^2/NDF : 11.6/18

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 110.411+/-0.031 χ^2/NDF : 296425.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.965+/-0.029 χ^2/NDF : 350938.6/18

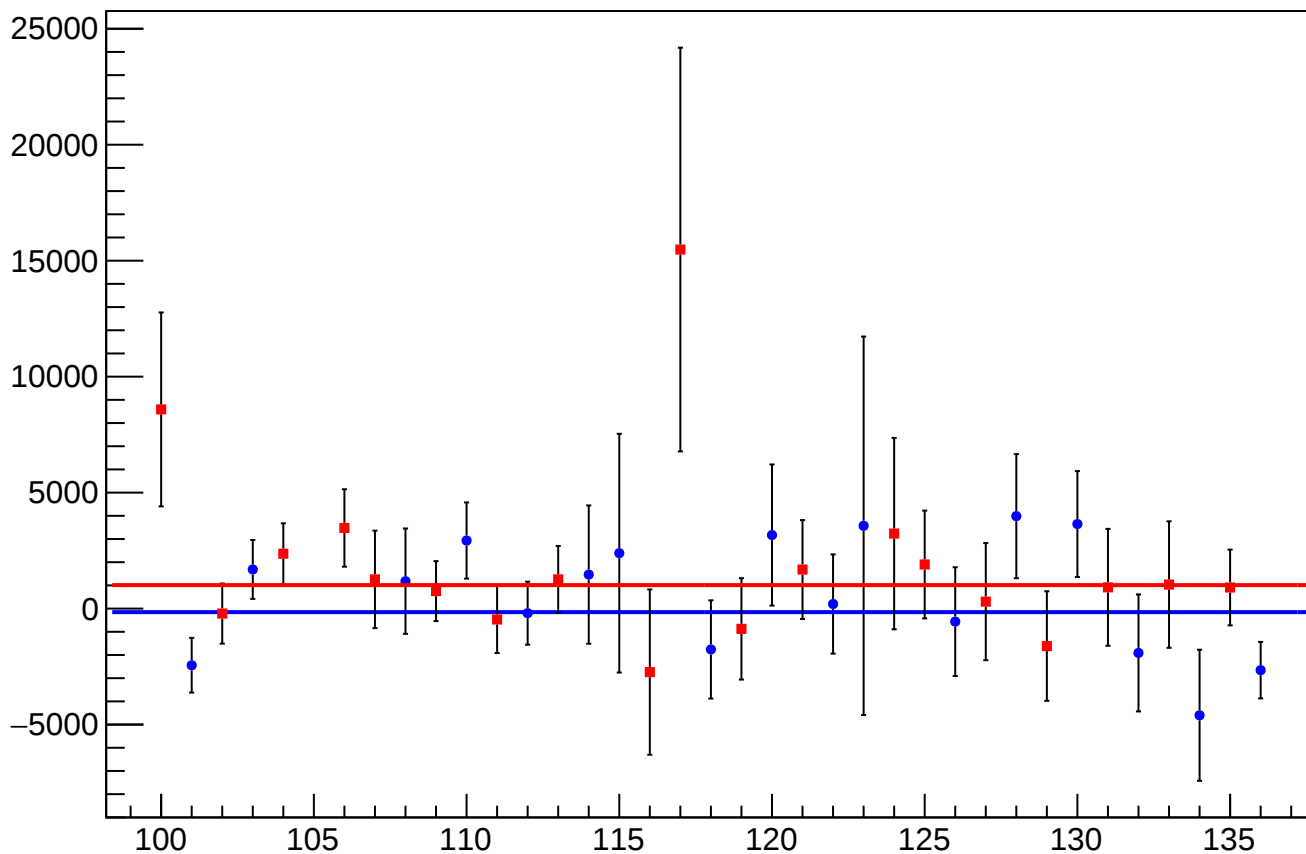
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

110.411+/-0.031 χ^2/NDF : 296425.4/16

109.140+/-0.021 χ^2/NDF : 650681.3/35

107.965+/-0.029 χ^2/NDF : 350938.6/18

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -152.403+/-464.753 χ^2/NDF : 24.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1012.689+/-440.672 χ^2/NDF : 15.0/18

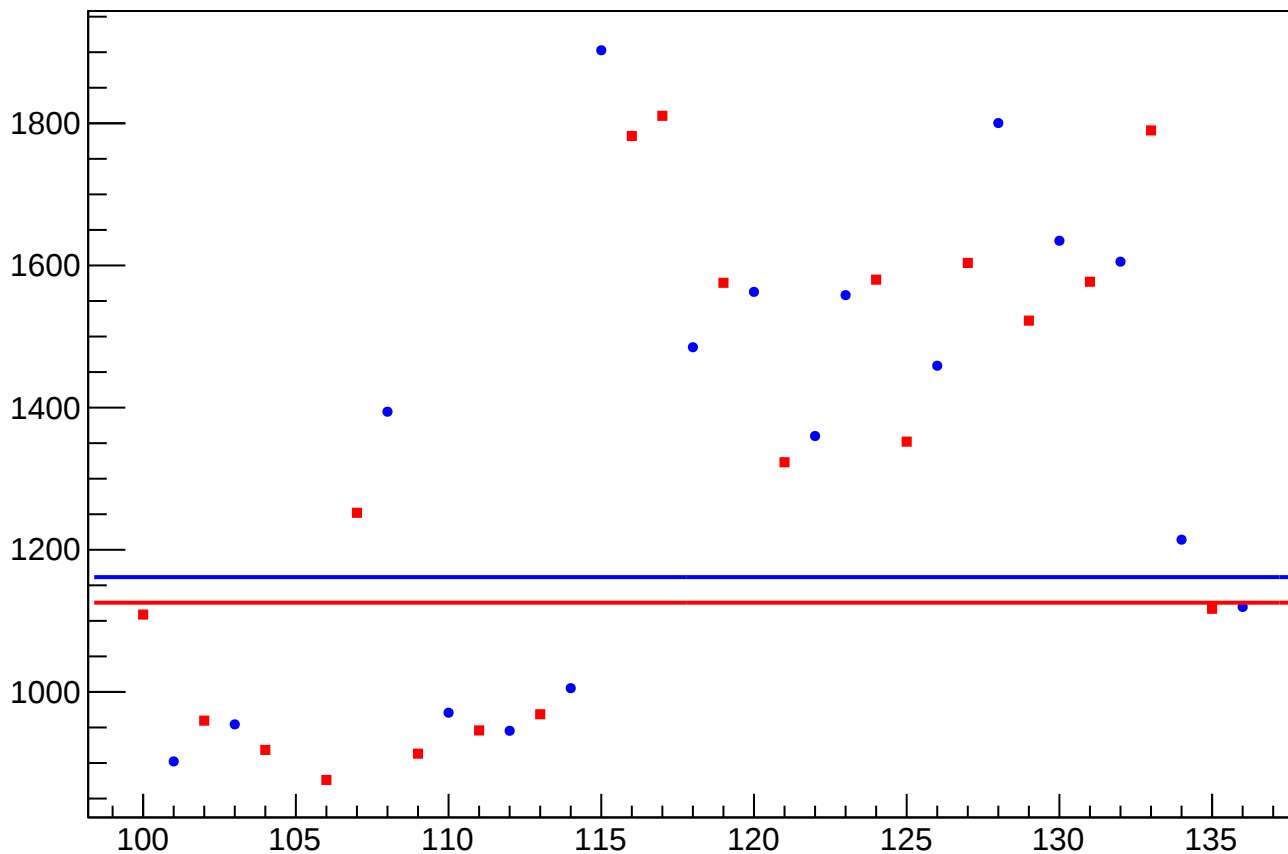
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-152.403+/-464.753 χ^2/NDF : 24.7/16

461.107+/-319.777 χ^2/NDF : 43.0/35

1012.689+/-440.672 χ^2/NDF : 15.0/18

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1161.530 $\pm$ 0.329 χ^2 /NDF: 695906.9/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1125.588 $\pm$ 0.312 χ^2 /NDF: 780147.4/18

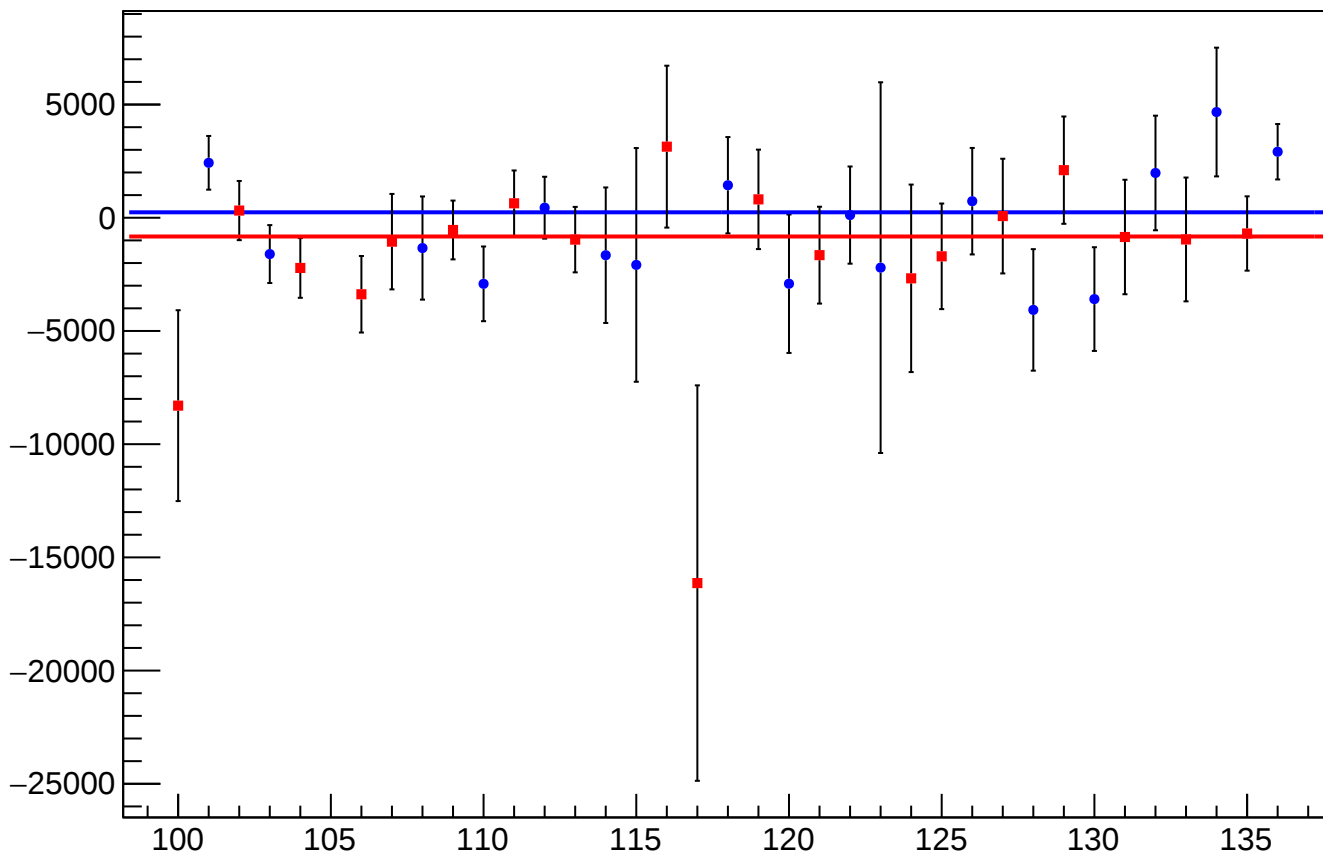
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1161.530 $\pm$ 0.329 χ^2 /NDF: 695906.9/16

1142.604 $\pm$ 0.226 χ^2 /NDF: 1482353.2/35

1125.588 $\pm$ 0.312 χ^2 /NDF: 780147.4/18

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 240.732 $\pm$ 467.036 χ^2 /NDF: 24.8/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -827.871 $\pm$ 443.090 χ^2 /NDF: 15.4/18

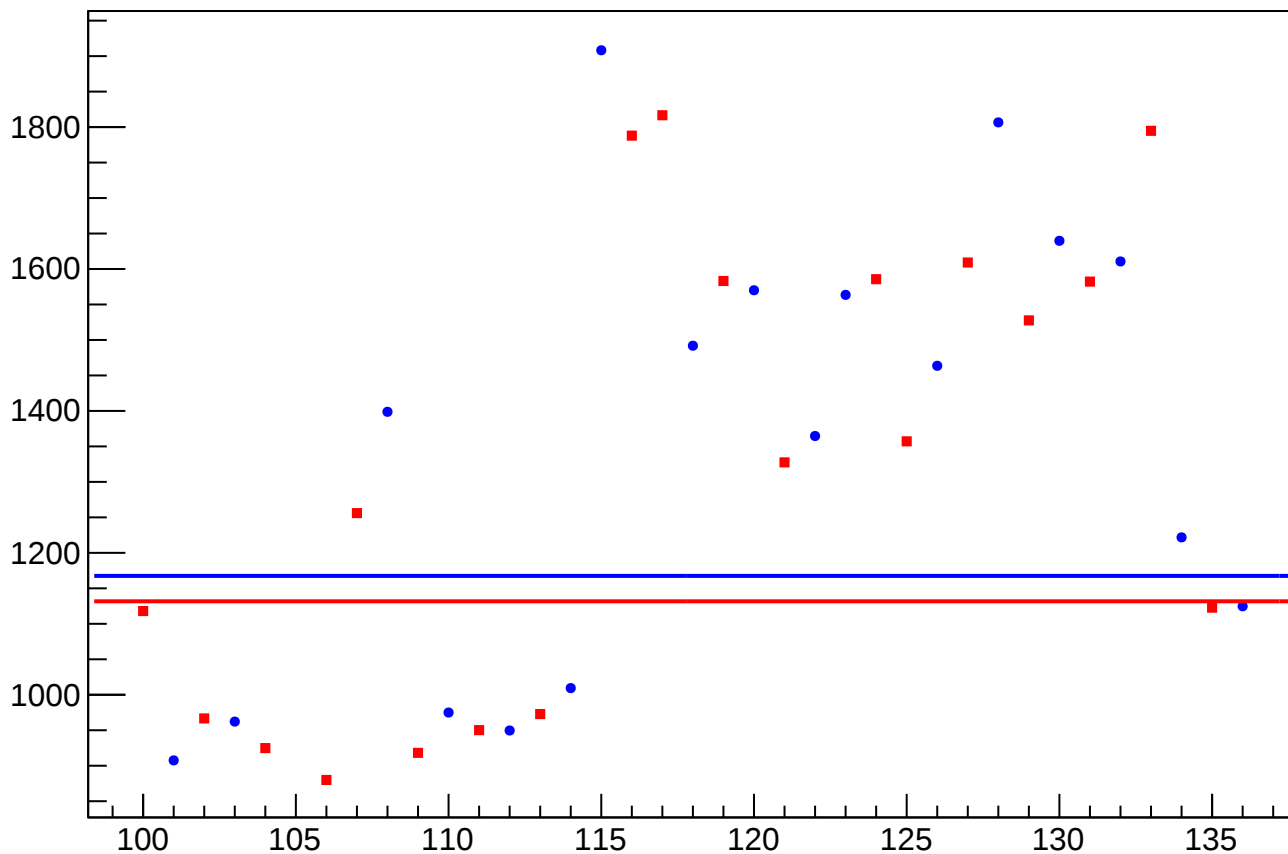
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

240.732 $\pm$ 467.036 χ^2 /NDF: 24.8/16

-321.665 $\pm$ 321.444 χ^2 /NDF: 43.0/35

-827.871 $\pm$ 443.090 χ^2 /NDF: 15.4/18

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1167.539 $\pm$ 0.330 χ^2 /NDF: 690485.6/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1131.693 $\pm$ 0.313 χ^2 /NDF: 773788.5/18

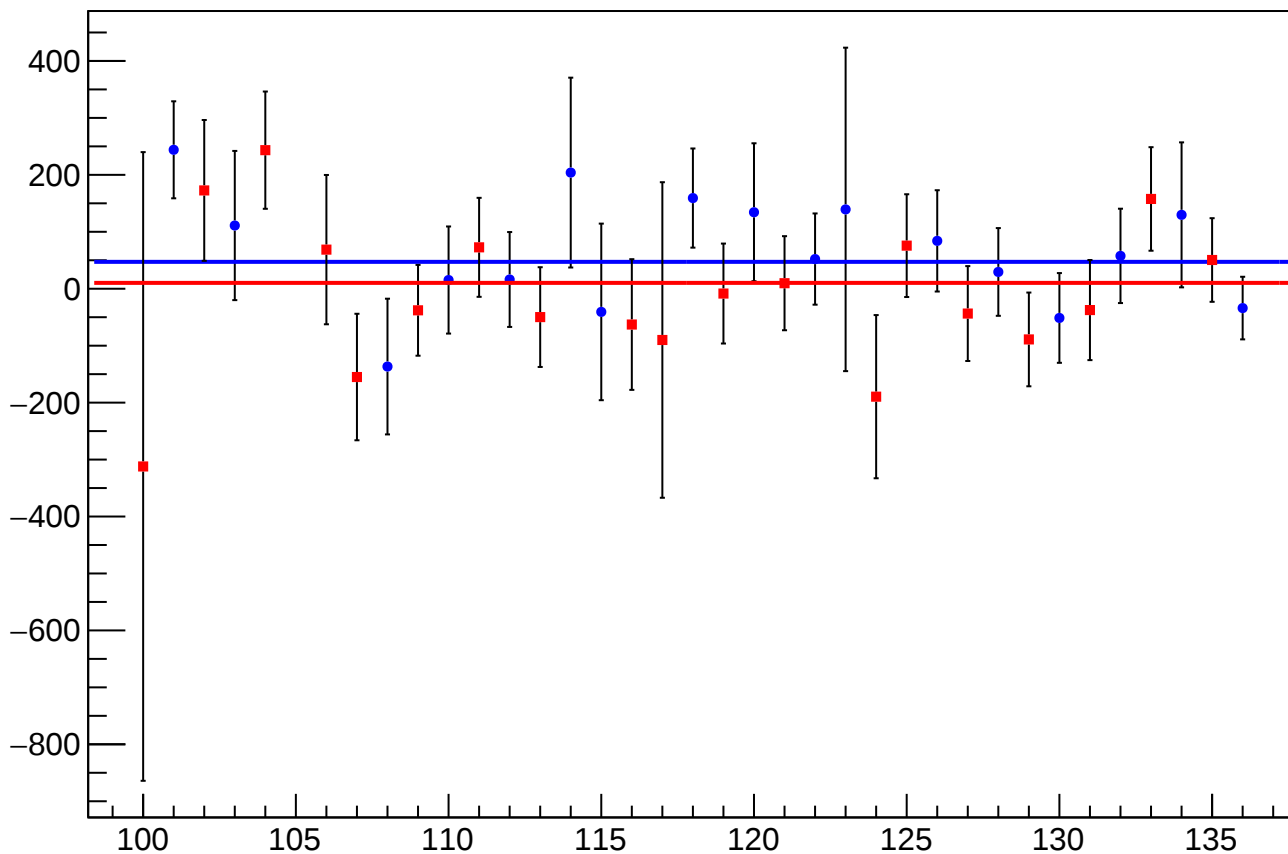
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1167.539 $\pm$ 0.330 χ^2 /NDF: 690485.6/16

1148.673 $\pm$ 0.227 χ^2 /NDF: 1470474.6/35

1131.693 $\pm$ 0.313 χ^2 /NDF: 773788.5/18

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 47.220+/-22.565 χ^2/NDF : 16.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.290+/-22.434 χ^2/NDF : 19.1/18

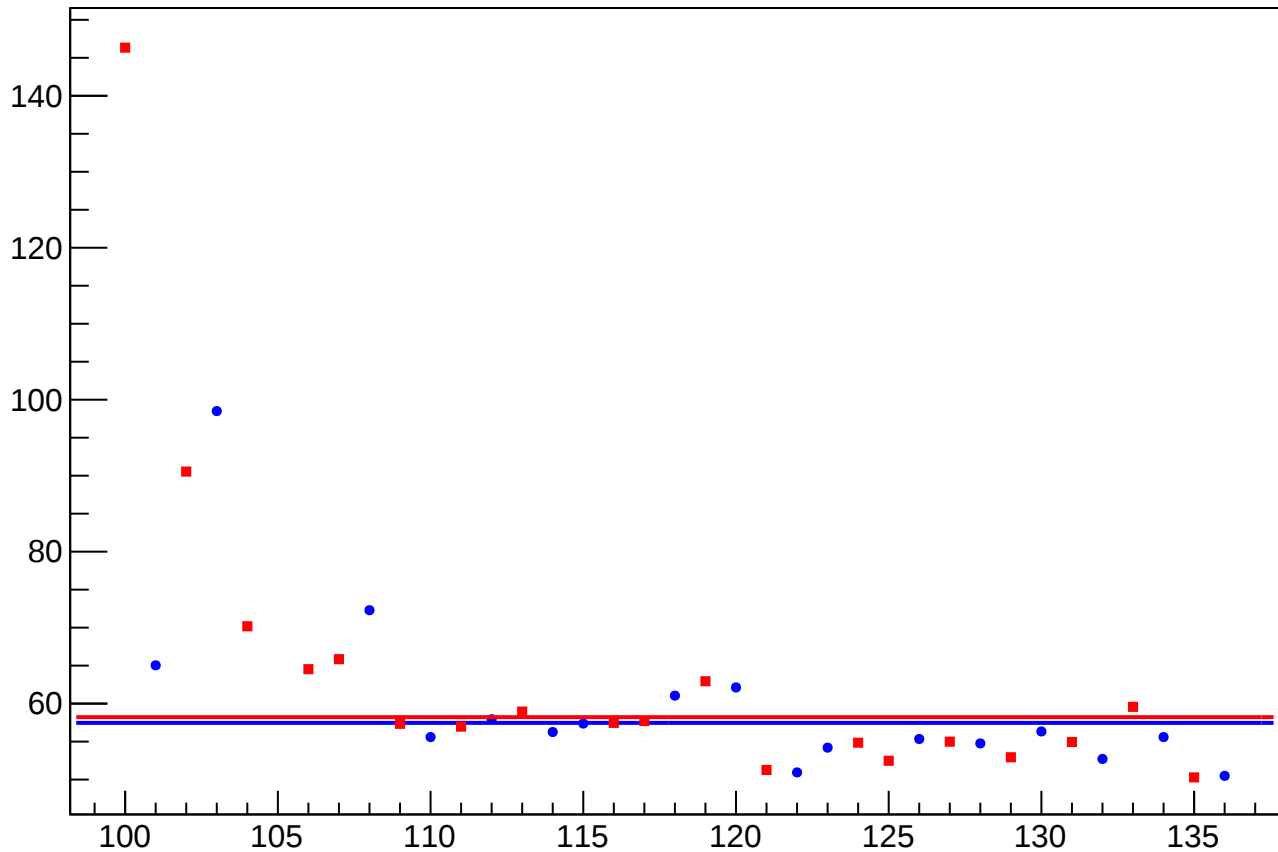
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

47.220+/-22.565 χ^2/NDF : 16.1/16

28.648+/-15.909 χ^2/NDF : 36.5/35

10.290+/-22.434 χ^2/NDF : 19.1/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.215+/-0.016 χ^2/NDF : 296491.1/18

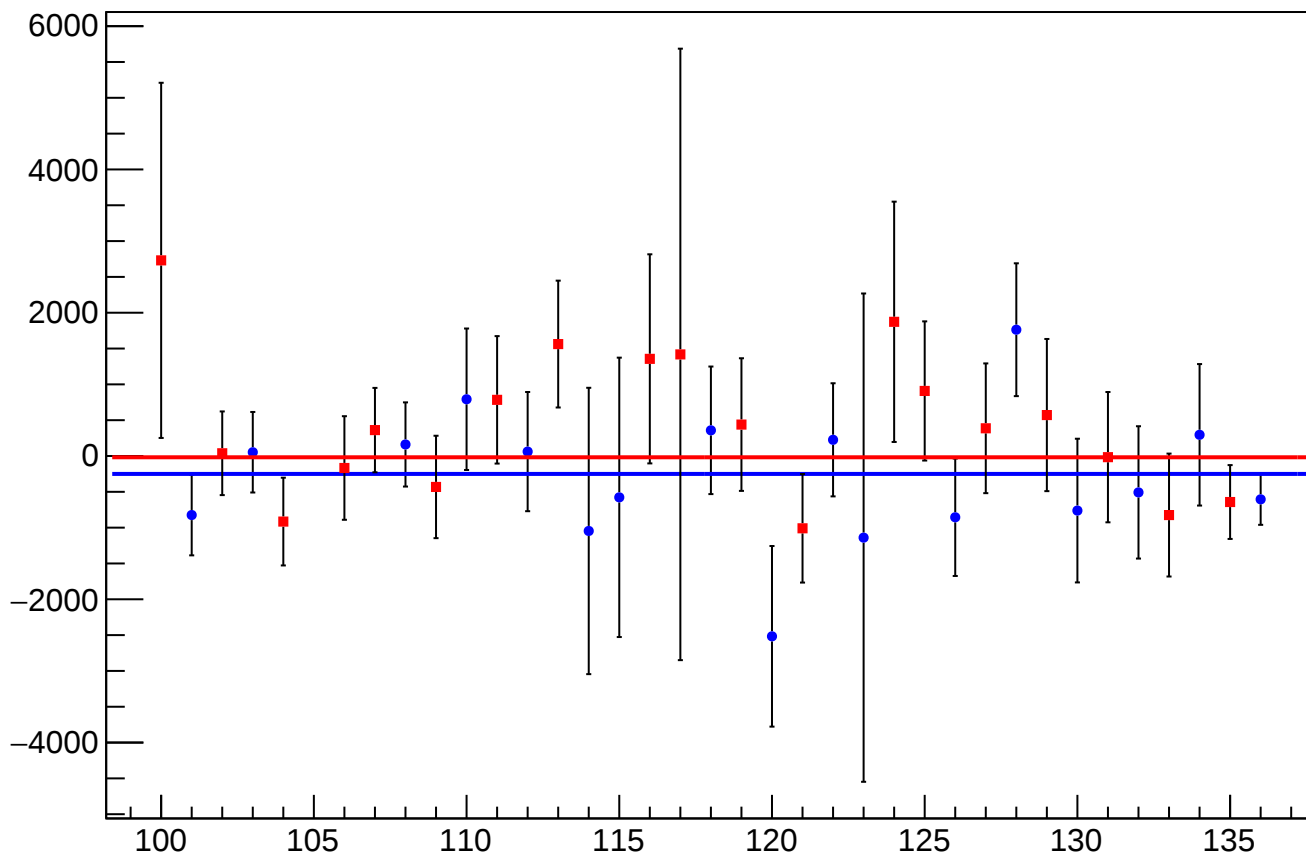
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

57.465+/-0.016 χ^2/NDF : 307156.4/16

57.842+/-0.011 χ^2/NDF : 604757.2/35

58.215+/-0.016 χ^2/NDF : 296491.1/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.827+/-187.834 χ^2/NDF : 16.2/18

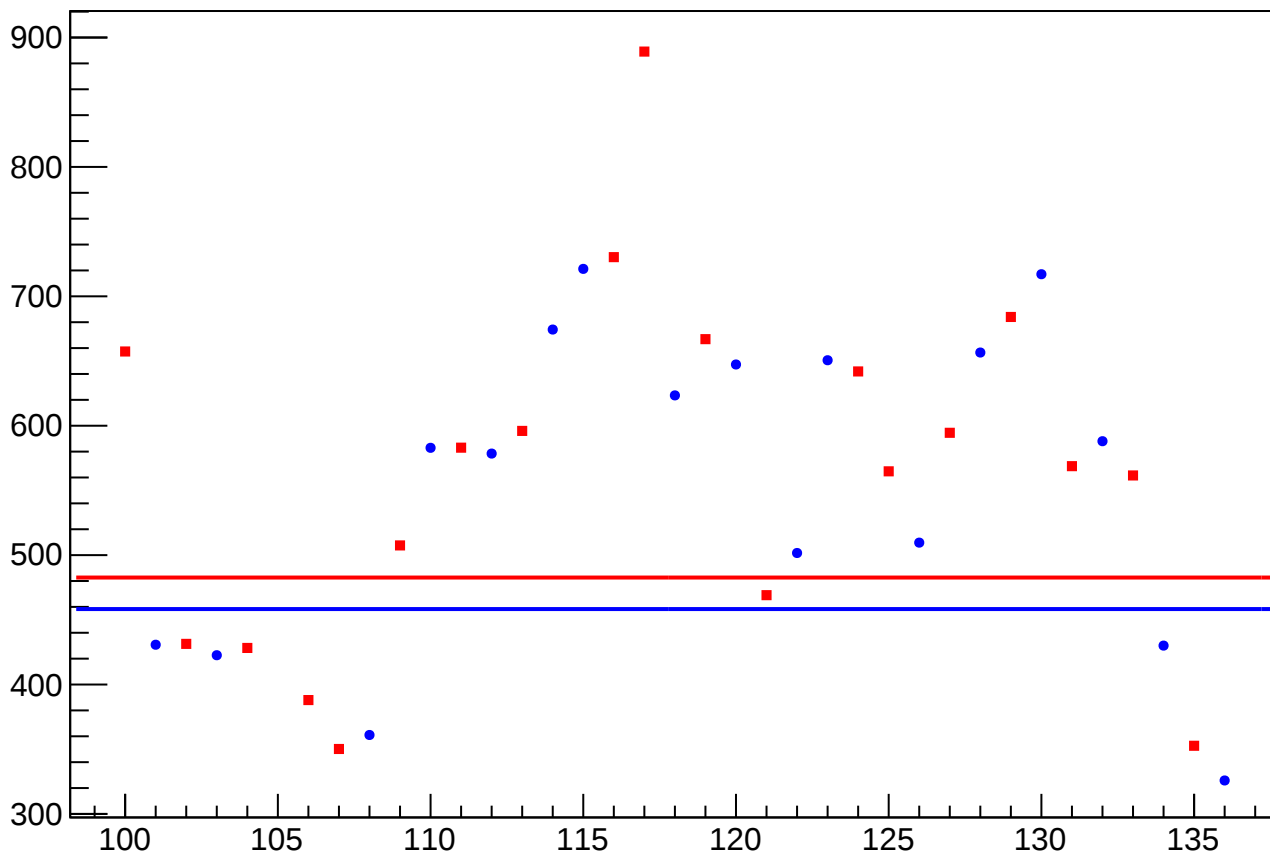
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-250.140+/-184.092 χ^2/NDF : 14.3/16

-136.320+/-131.475 χ^2/NDF : 31.2/35

-17.827+/-187.834 χ^2/NDF : 16.2/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 482.682+/-0.133 χ^2/NDF : 689691.6/18

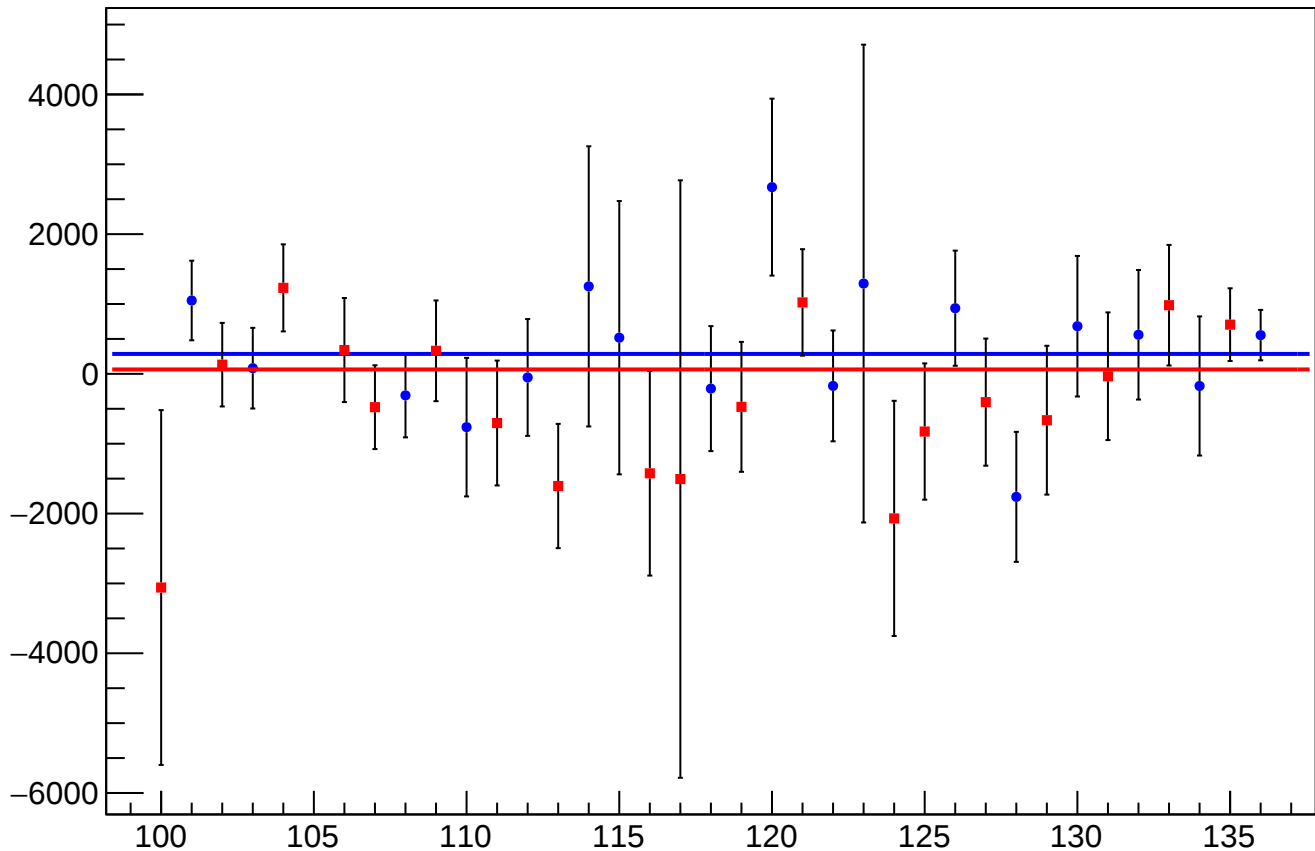
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

458.324+/-0.130 χ^2/NDF : 877201.7/16

470.258+/-0.093 χ^2/NDF : 1584048.3/35

482.682+/-0.133 χ^2/NDF : 689691.6/18

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 63.244 $\pm$ 190.118 χ^2 /NDF: 19.3/18

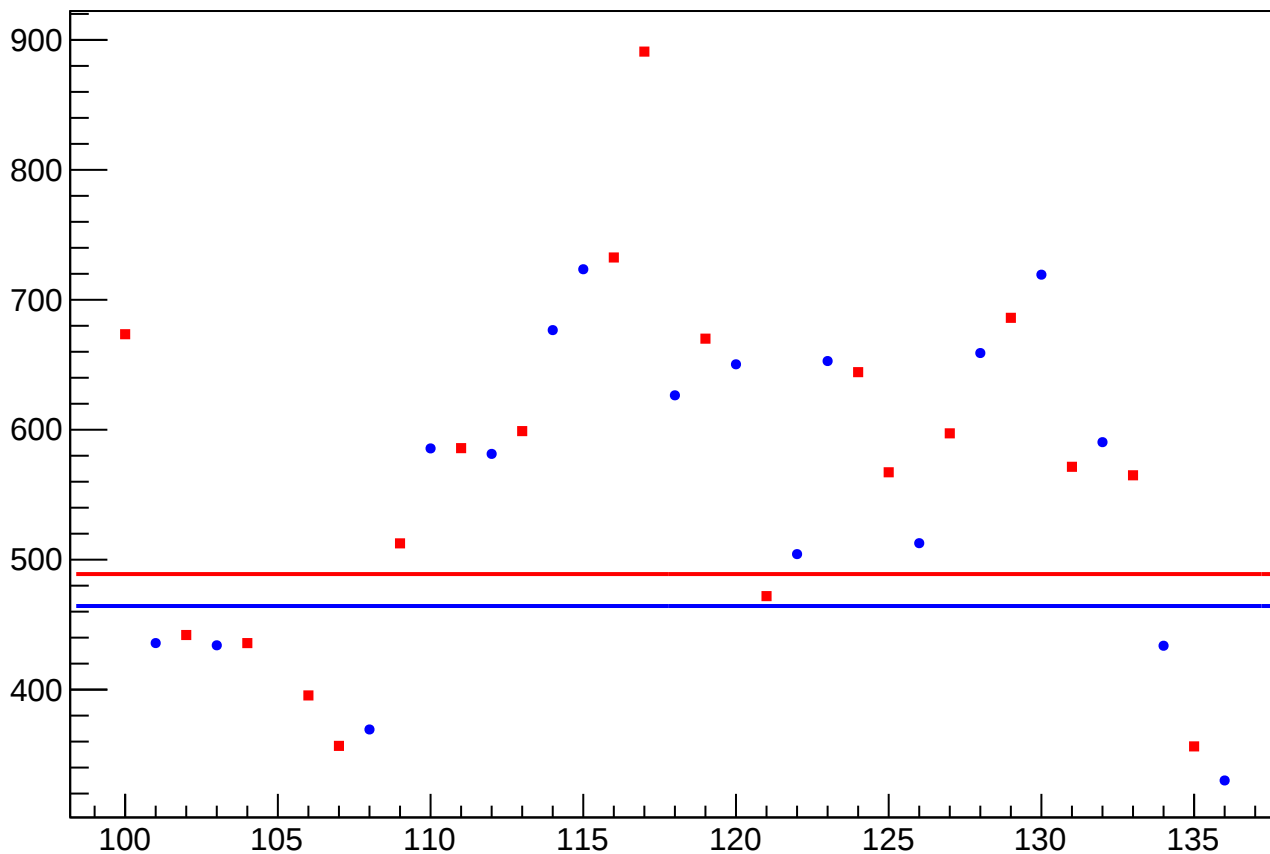
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

285.349 $\pm$ 186.262 χ^2 /NDF: 15.2/16

176.572 $\pm$ 133.050 χ^2 /NDF: 35.2/35

63.244 $\pm$ 190.118 χ^2 /NDF: 19.3/18

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 464.341+/-0.132 χ^2/NDF : 845900.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 488.925+/-0.134 χ^2/NDF : 660678.9/18

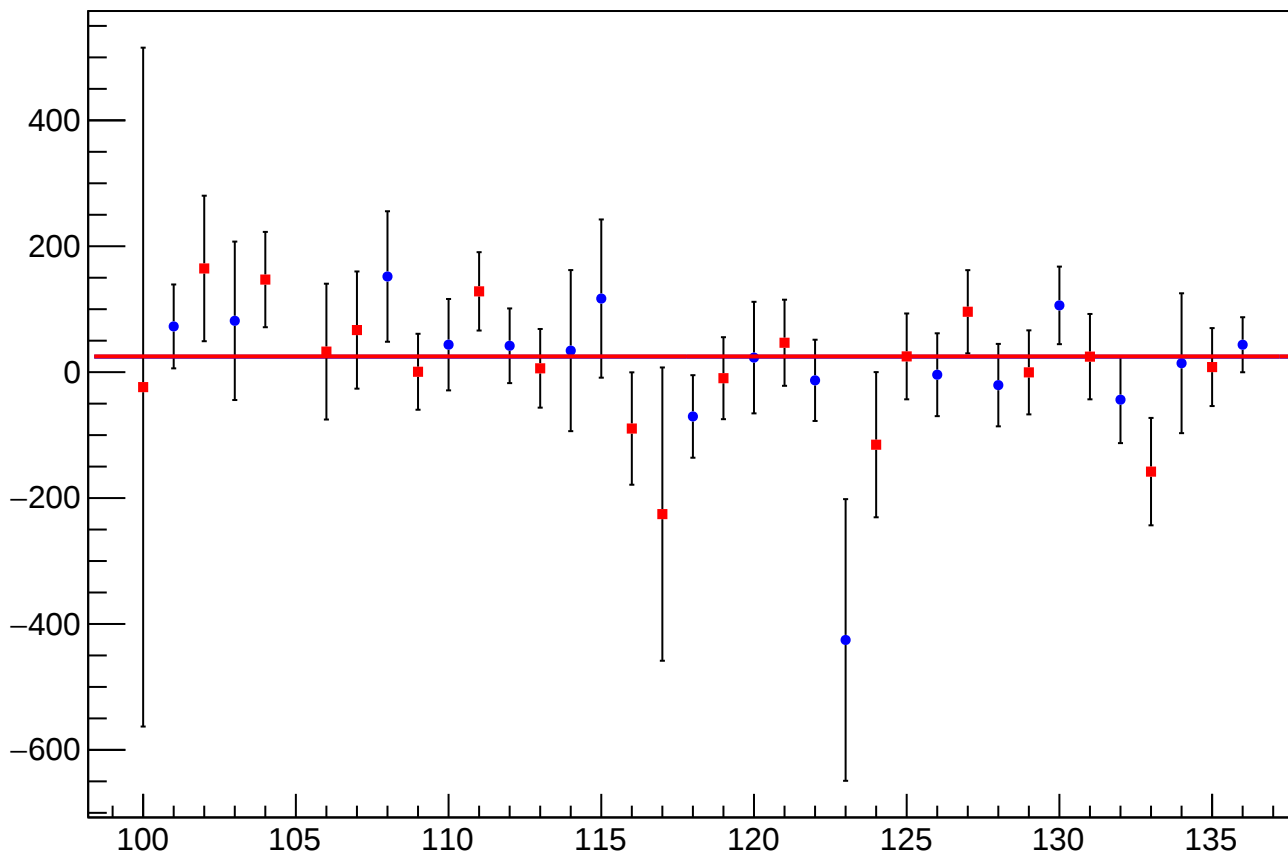
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

464.341+/-0.132 χ^2/NDF : 845900.9/16

476.381+/-0.094 χ^2/NDF : 1523643.6/35

488.925+/-0.134 χ^2/NDF : 660678.9/18

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 24.584 $\pm$ 17.839 χ^2 /NDF: 13.0/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.029 $\pm$ 17.687 χ^2 /NDF: 17.9/18

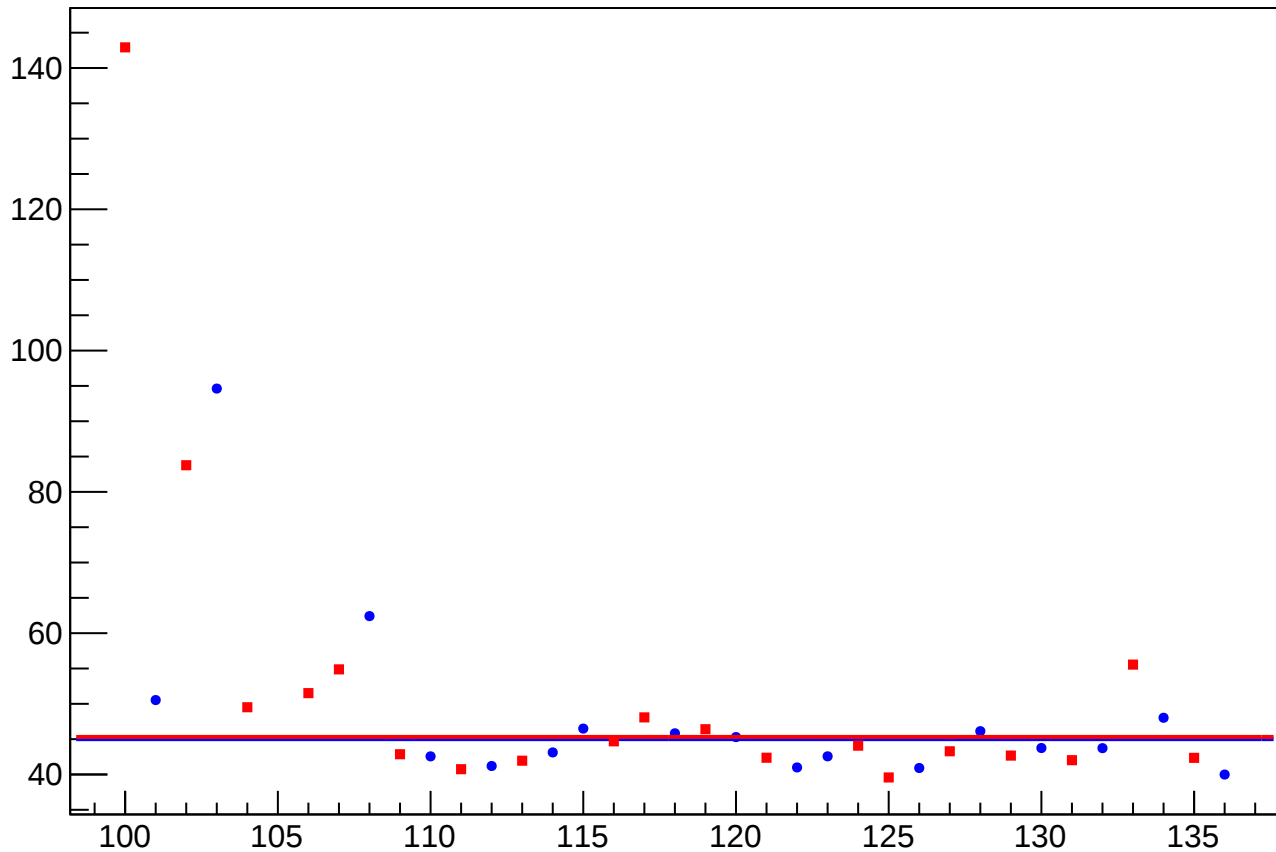
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

24.584 $\pm$ 17.839 χ^2 /NDF: 13.0/16

24.809 $\pm$ 12.560 χ^2 /NDF: 30.9/35

25.029 $\pm$ 17.687 χ^2 /NDF: 17.9/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.316+/-0.013 χ^2/NDF : 402885.0/18

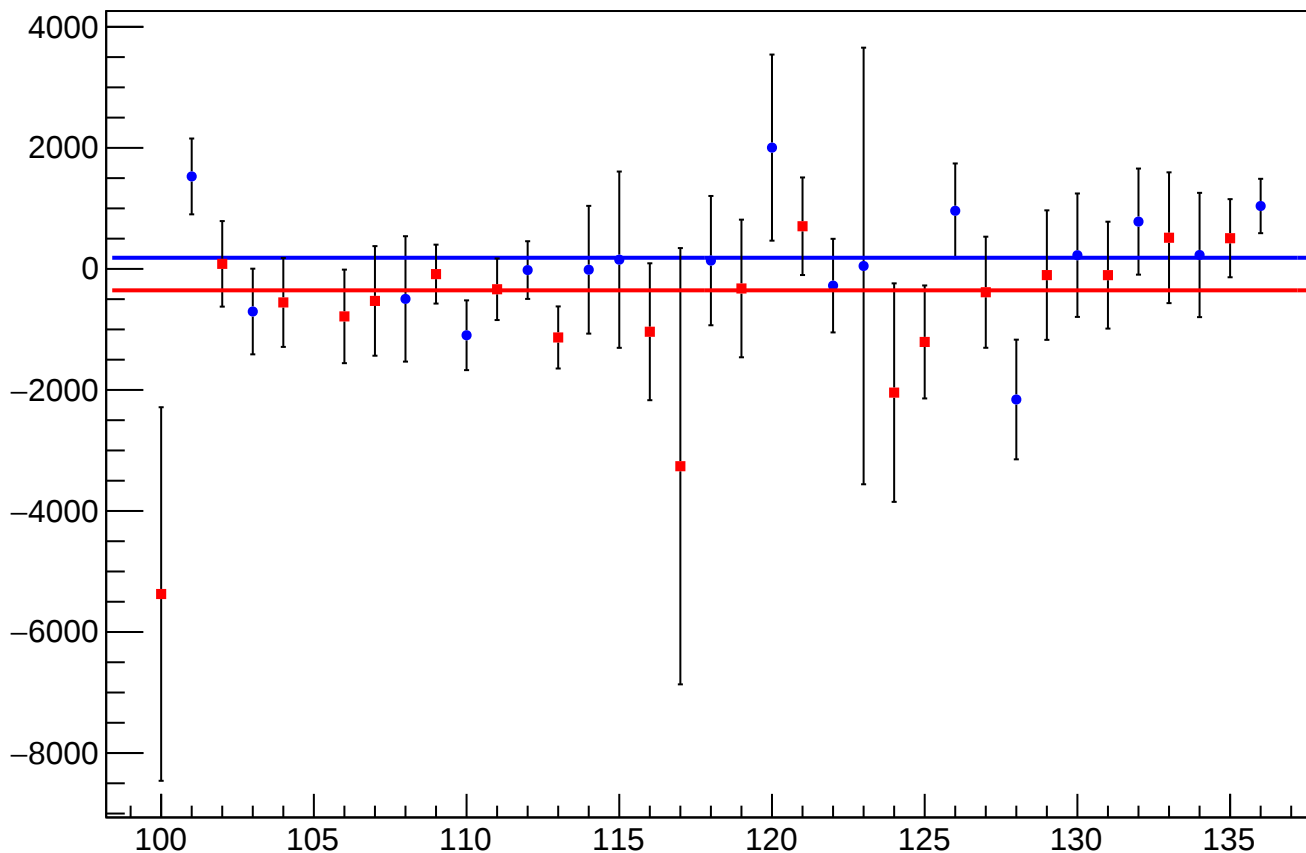
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

45.001+/-0.013 χ^2/NDF : 438352.8/16

45.160+/-0.009 χ^2/NDF : 841551.5/35

45.316+/-0.013 χ^2/NDF : 402885.0/18

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 184.184+/-188.558 χ^2/NDF : 24.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -354.136+/-182.709 χ^2/NDF : 13.1/18

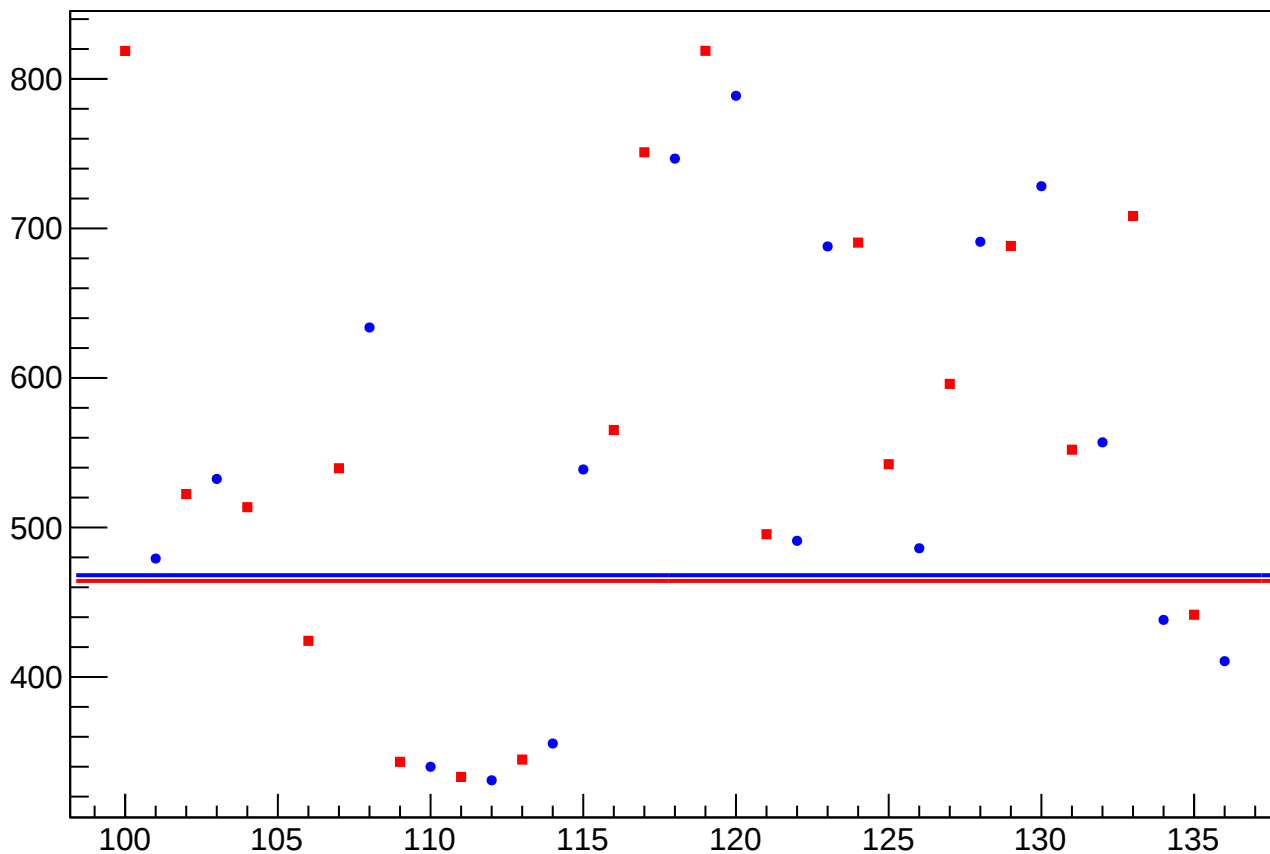
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

184.184+/-188.558 χ^2/NDF : 24.2/16

-93.455+/-131.214 χ^2/NDF : 41.5/35

-354.136+/-182.709 χ^2/NDF : 13.1/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 464.256+/-0.129 χ^2/NDF : 957413.2/18

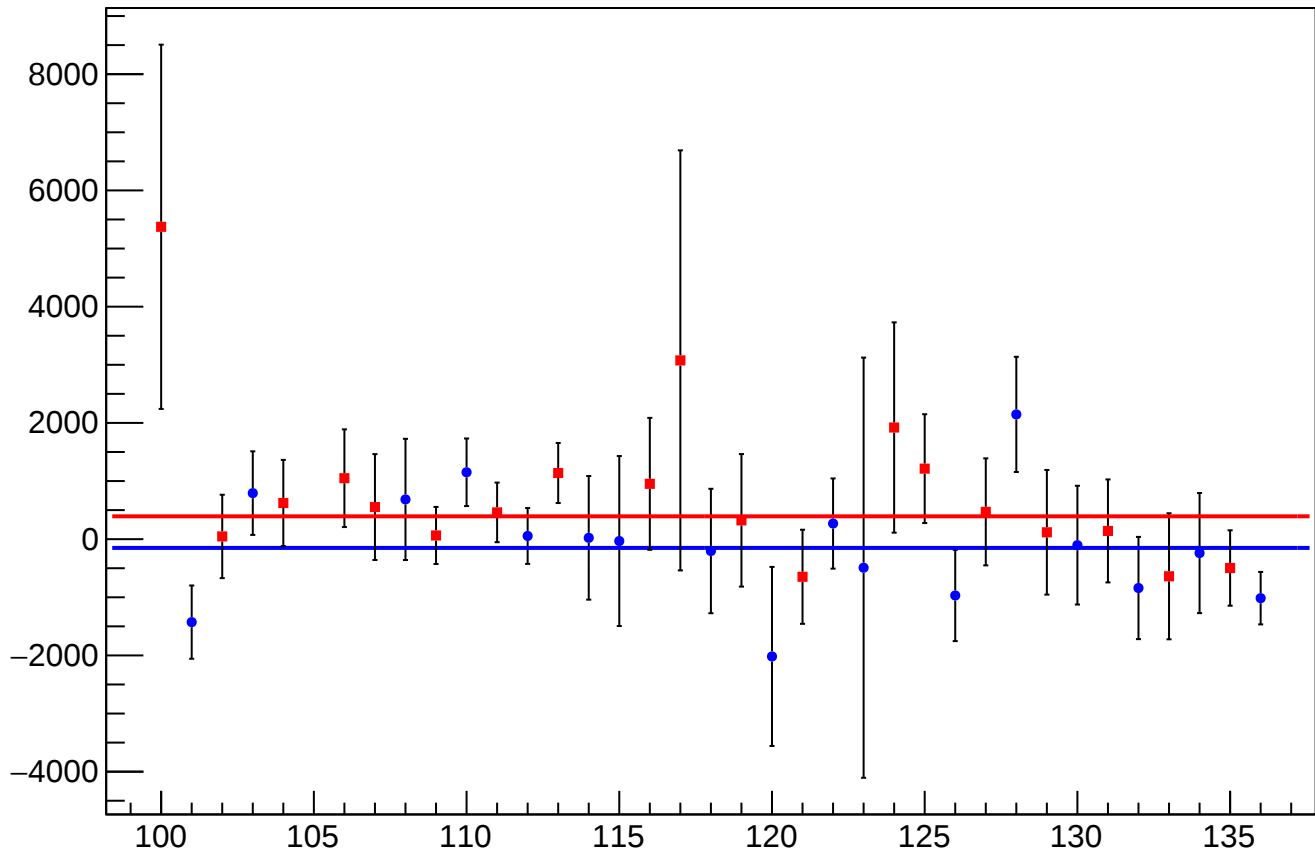
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

468.071+/-0.133 χ^2/NDF : 880319.3/16

466.103+/-0.093 χ^2/NDF : 1838154.9/35

464.256+/-0.129 χ^2/NDF : 957413.2/18

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -150.305+/-189.729 χ^2/NDF : 24.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 393.005+/-184.659 χ^2/NDF : 12.9/18

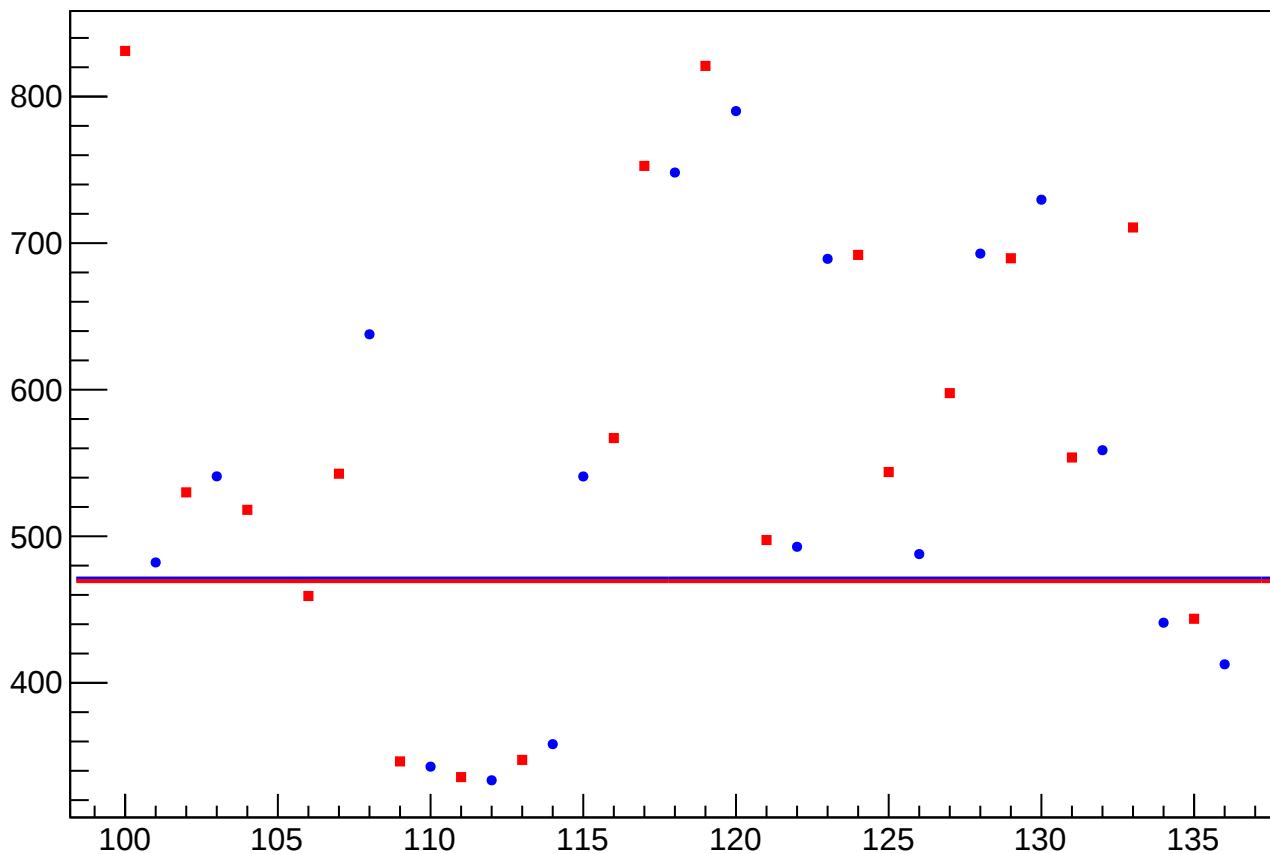
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-150.305+/-189.729 χ^2/NDF : 24.2/16

128.707+/-132.330 χ^2/NDF : 41.3/35

393.005+/-184.659 χ^2/NDF : 12.9/18

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 471.156+/-0.134 χ^2/NDF : 871832.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 469.414+/-0.131 χ^2/NDF : 941618.2/18

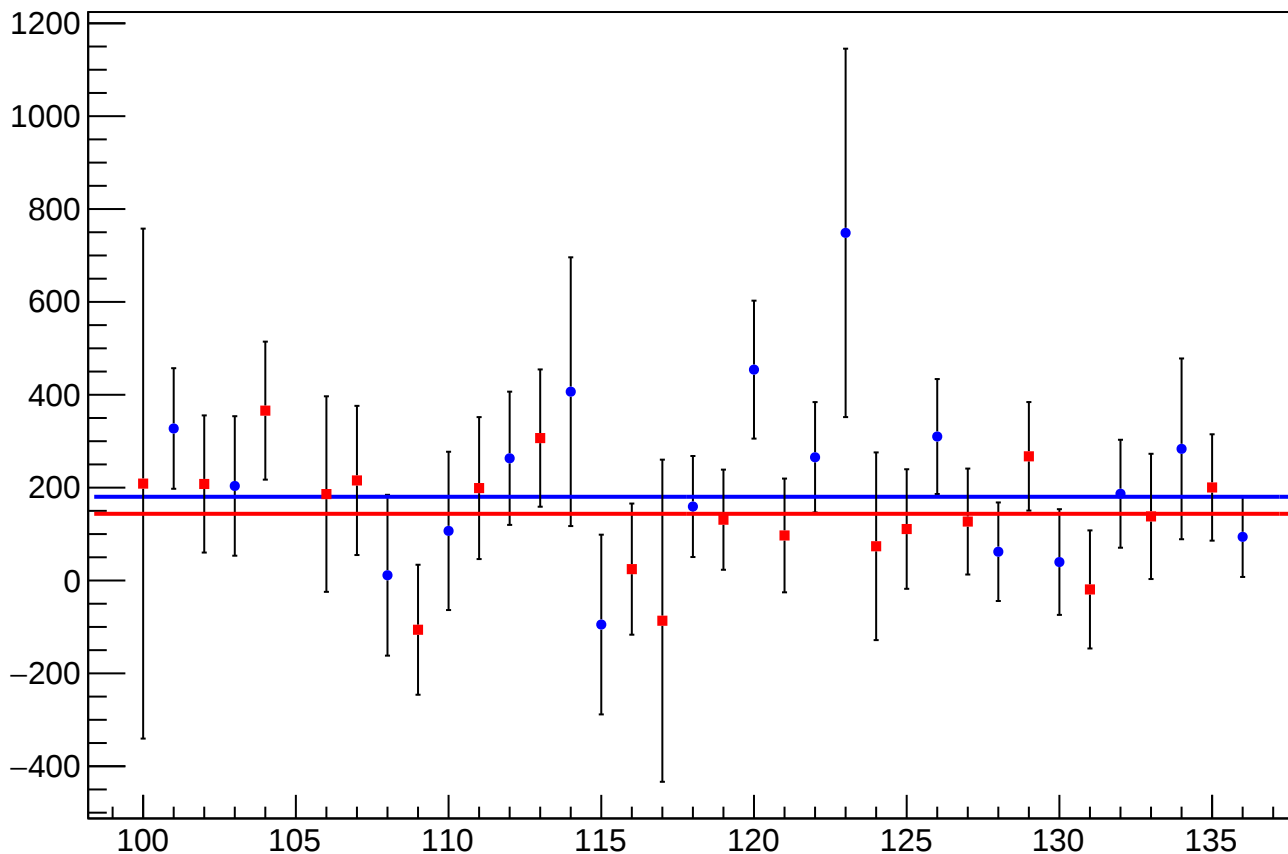
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

471.156+/-0.134 χ^2/NDF : 871832.5/16

470.261+/-0.094 χ^2/NDF : 1813537.3/35

469.414+/-0.131 χ^2/NDF : 941618.2/18

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 180.326+/-32.769 χ^2 /NDF: 16.6/16

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 143.653+/-32.716 χ^2 /NDF: 11.7/18

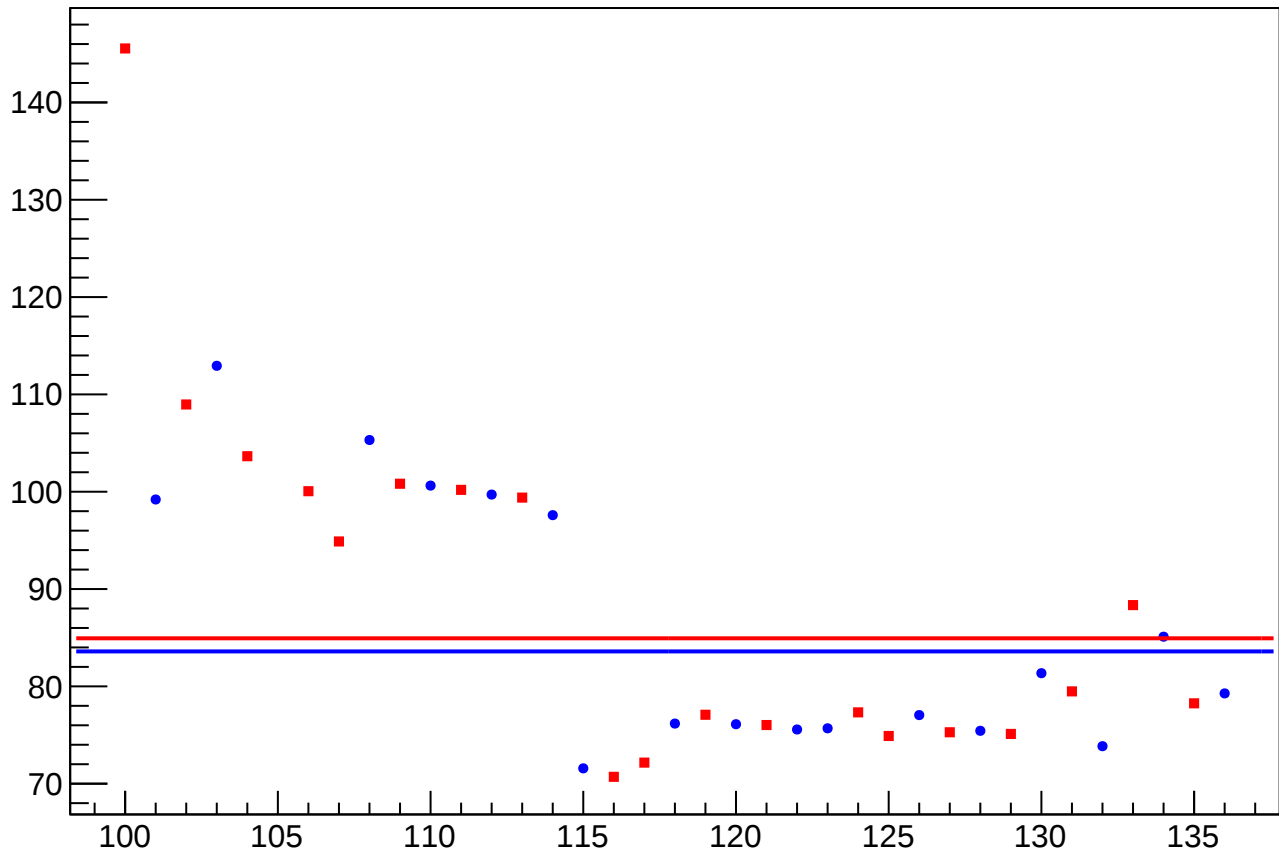
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

180.326+/-32.769 χ^2 /NDF: 16.6/16

161.960+/-23.152 χ^2 /NDF: 28.9/35

143.653+/-32.716 χ^2 /NDF: 11.7/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.938+/-0.023 χ^2/NDF : 291190.0/18

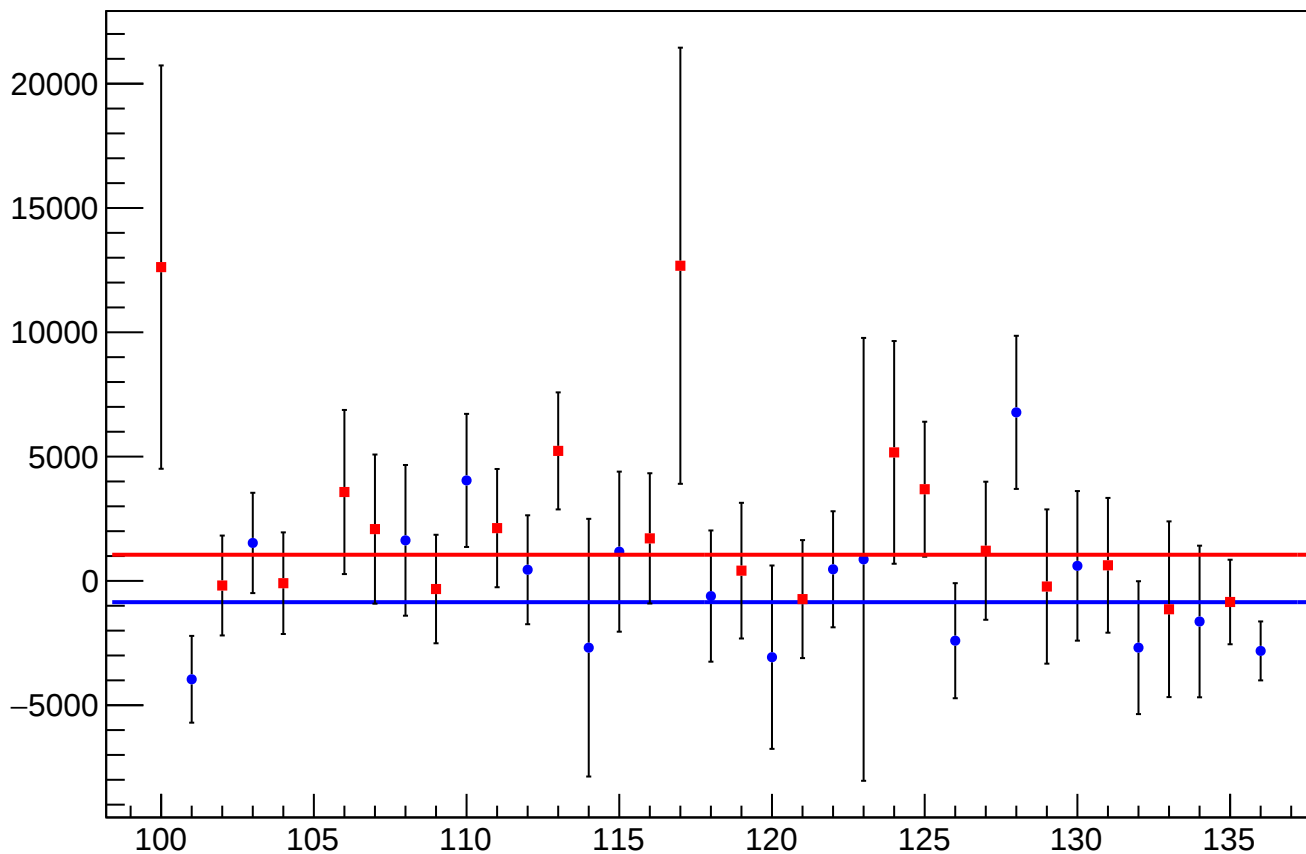
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

83.591+/-0.023 χ^2/NDF : 255921.7/16

84.266+/-0.016 χ^2/NDF : 548805.4/35

84.938+/-0.023 χ^2/NDF : 291190.0/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1052.298+/-605.845 χ^2/NDF : 13.2/18

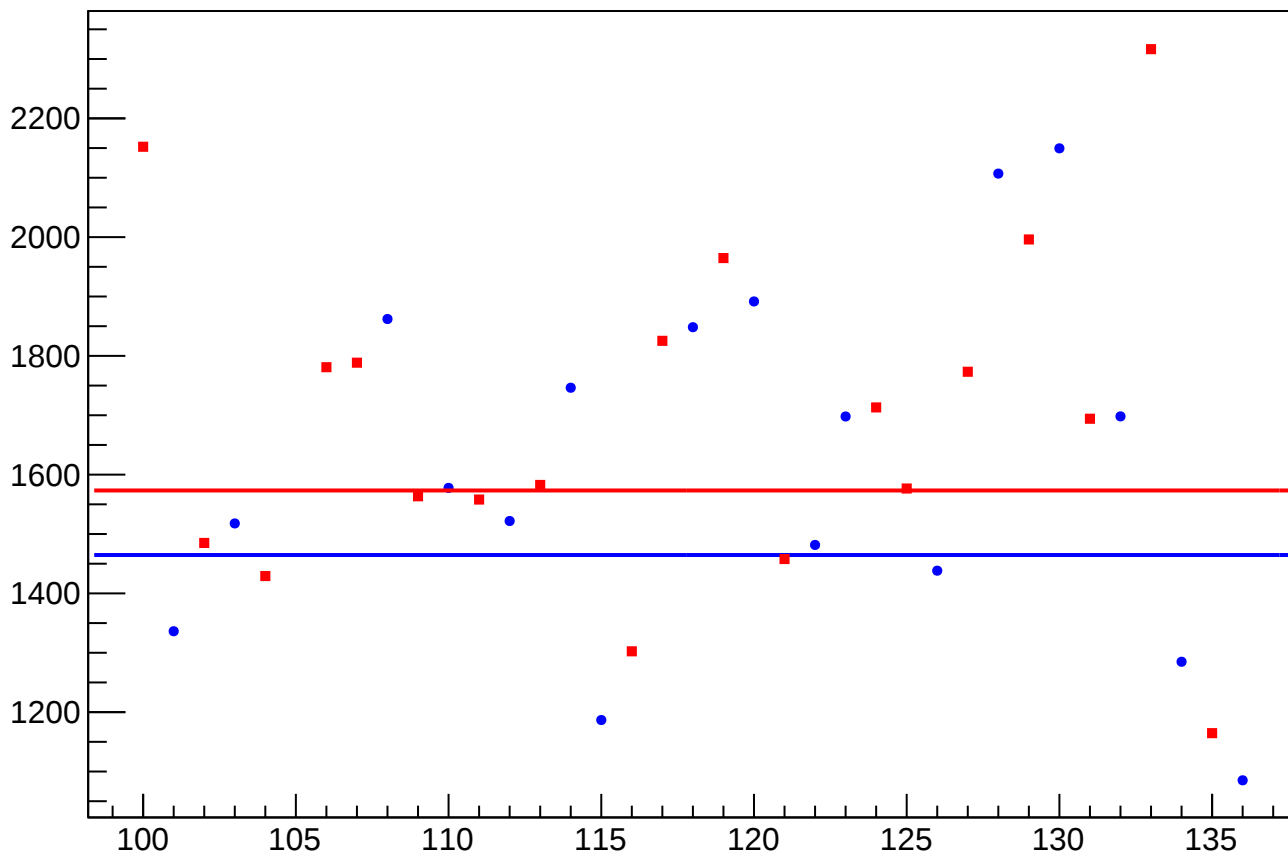
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-855.308+/-583.290 χ^2/NDF : 20.3/16

62.327+/-420.196 χ^2/NDF : 38.7/35

1052.298+/-605.845 χ^2/NDF : 13.2/18

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1573.325 $\pm$ 0.428 χ^2 /NDF: 368749.3/18

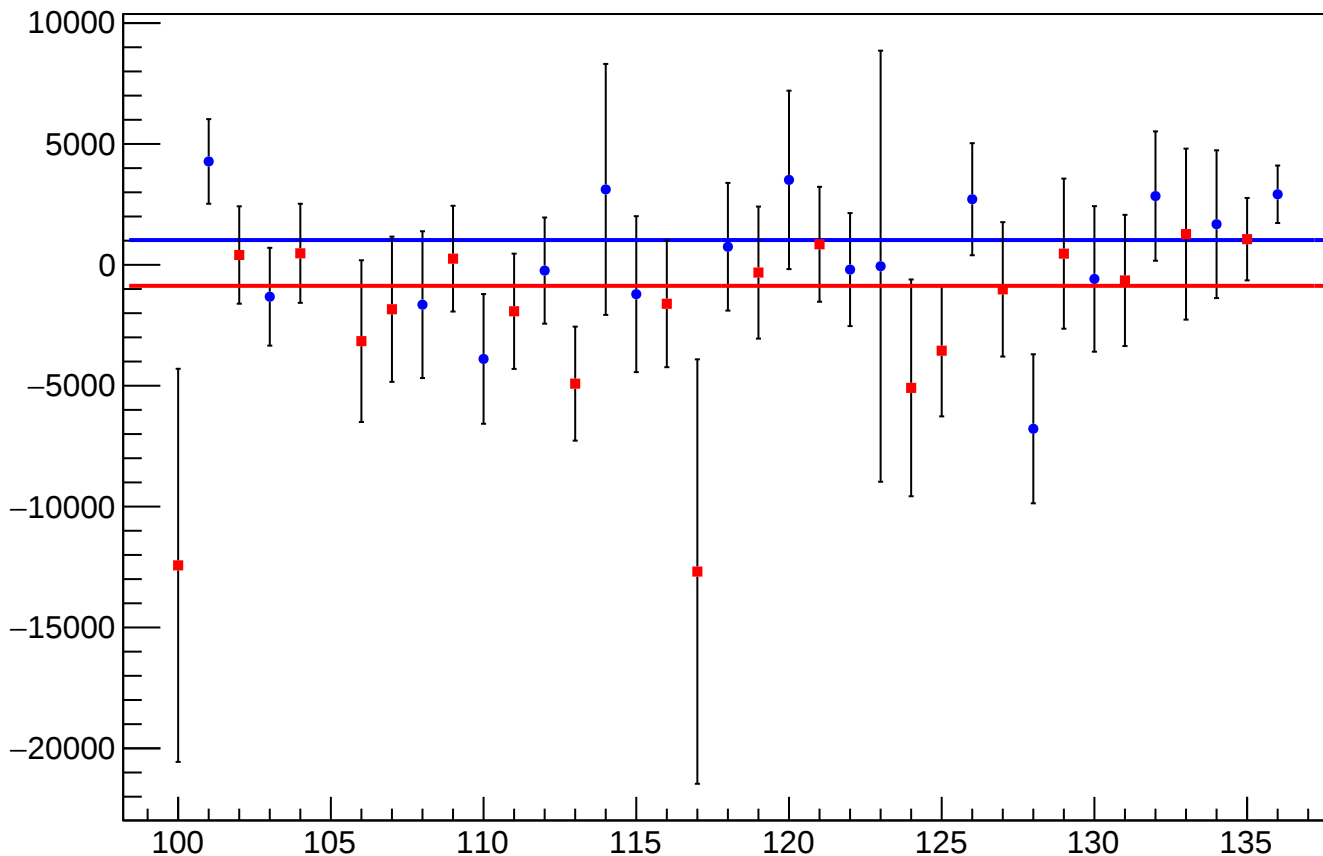
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1464.636 $\pm$ 0.412 χ^2 /NDF: 560863.4/16

1516.920 $\pm$ 0.297 χ^2 /NDF: 963017.8/35

1573.325 $\pm$ 0.428 χ^2 /NDF: 368749.3/18

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -868.744 $\pm$ 607.172 χ^2 /NDF: 13.0/18

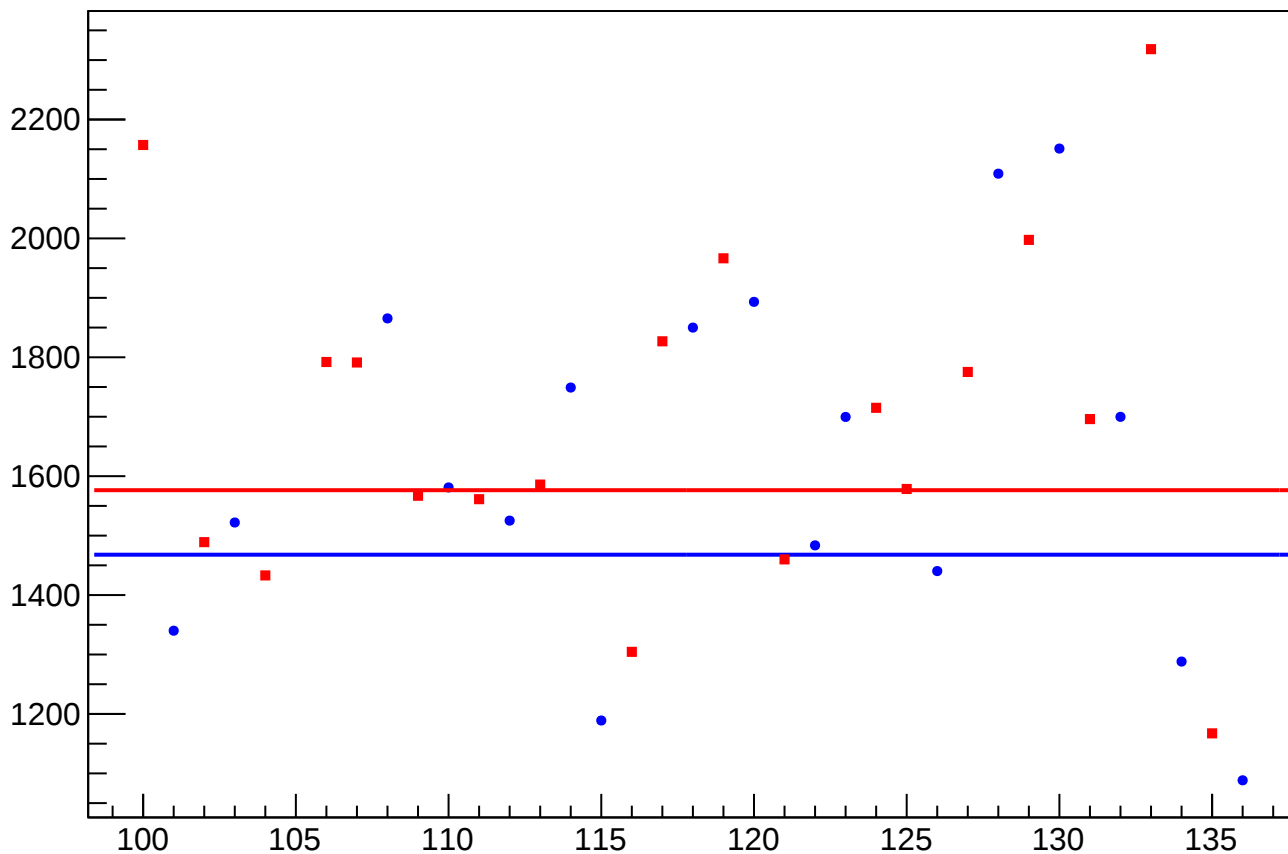
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1025.527 $\pm$ 584.500 χ^2 /NDF: 20.9/16

114.419 $\pm$ 421.091 χ^2 /NDF: 39.0/35

-868.744 $\pm$ 607.172 χ^2 /NDF: 13.0/18

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1576.417 $\pm$ 0.429 χ^2 /NDF: 367264.1/18

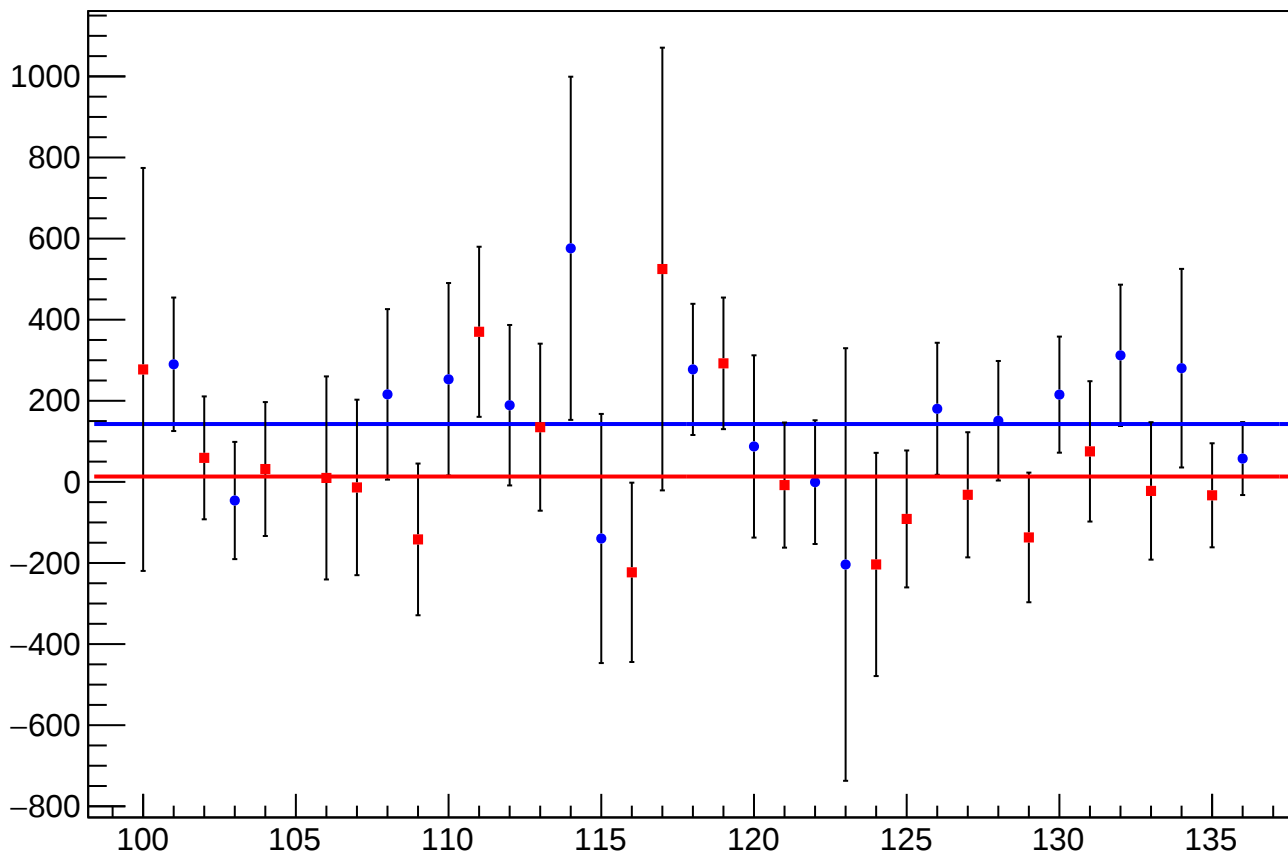
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1467.905 $\pm$ 0.413 χ^2 /NDF: 557458.9/16

1520.097 $\pm$ 0.298 χ^2 /NDF: 957877.3/35

1576.417 $\pm$ 0.429 χ^2 /NDF: 367264.1/18

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.214 $\pm$ 42.311 χ^2 /NDF: 11.6/18

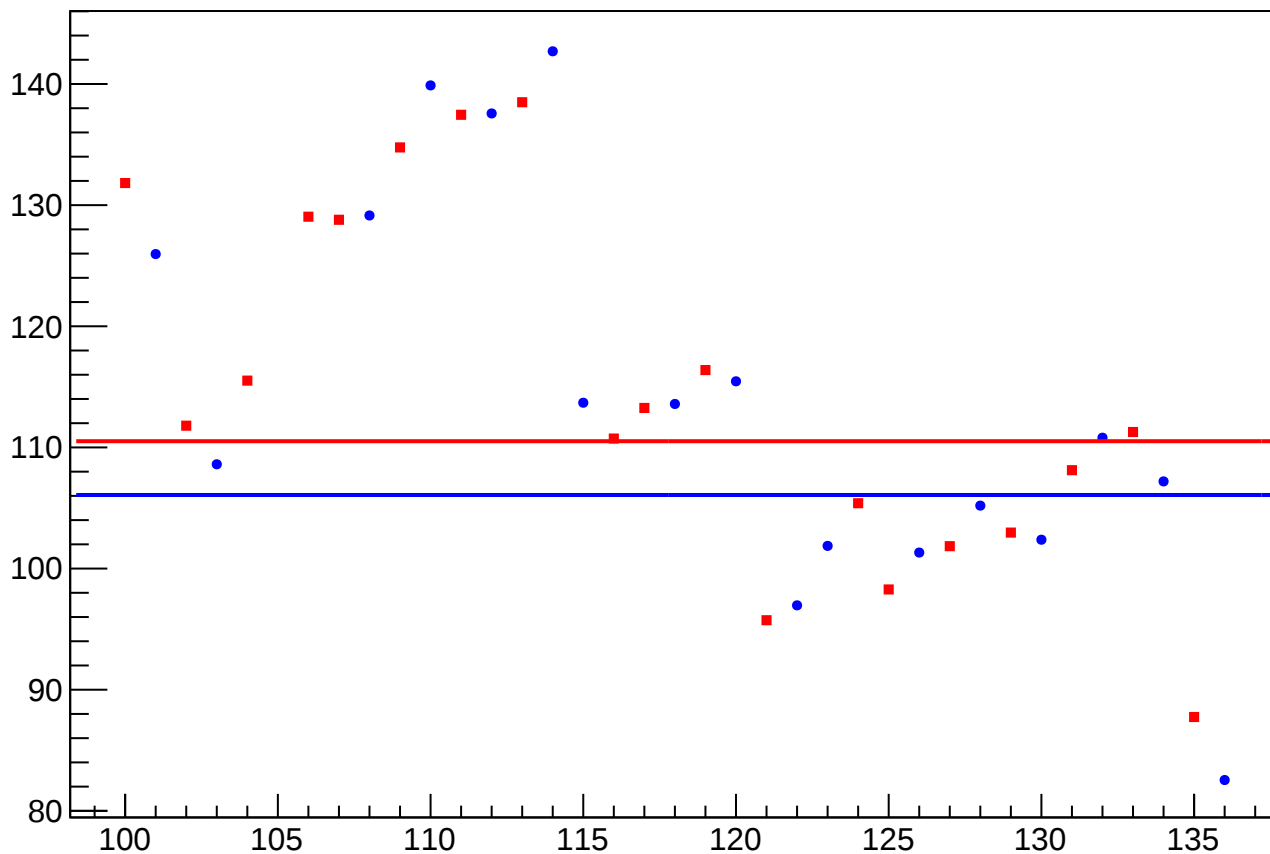
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

142.683 $\pm$ 41.625 χ^2 /NDF: 9.3/16

79.006 $\pm$ 29.673 χ^2 /NDF: 25.7/35

13.214 $\pm$ 42.311 χ^2 /NDF: 11.6/18

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 106.074+/-0.029 χ^2/NDF : 317907.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.514+/-0.030 χ^2/NDF : 240799.3/18

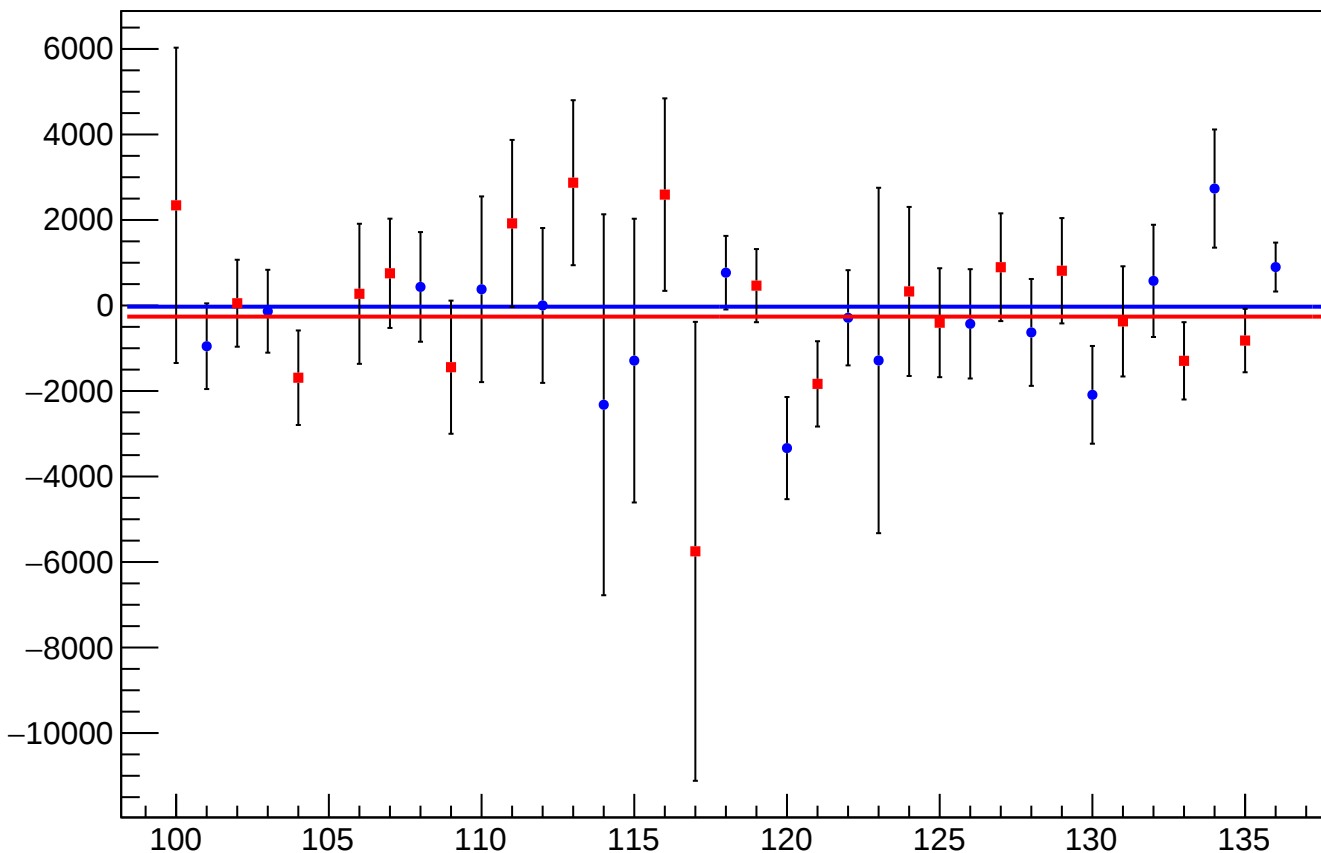
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

106.074+/-0.029 χ^2/NDF : 317907.9/16

108.257+/-0.021 χ^2/NDF : 569899.2/35

110.514+/-0.030 χ^2/NDF : 240799.3/18

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -27.969 $\pm$ 283.741 χ^2 /NDF: 20.5/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -260.426 $\pm$ 286.375 χ^2 /NDF: 16.9/18

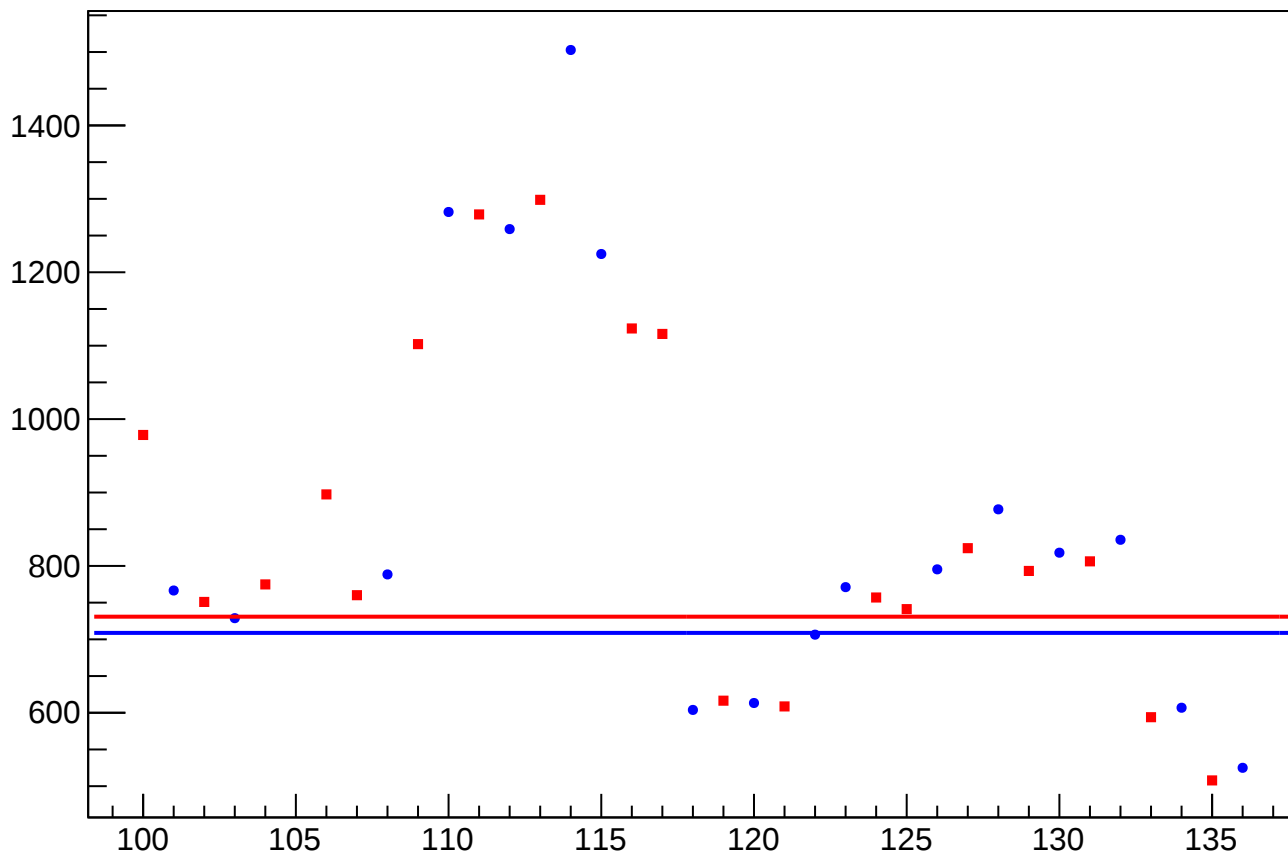
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-27.969 $\pm$ 283.741 χ^2 /NDF: 20.5/16

-143.124 $\pm$ 201.560 χ^2 /NDF: 37.8/35

-260.426 $\pm$ 286.375 χ^2 /NDF: 16.9/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 730.876+/-0.202 χ^2/NDF : 866096.3/18

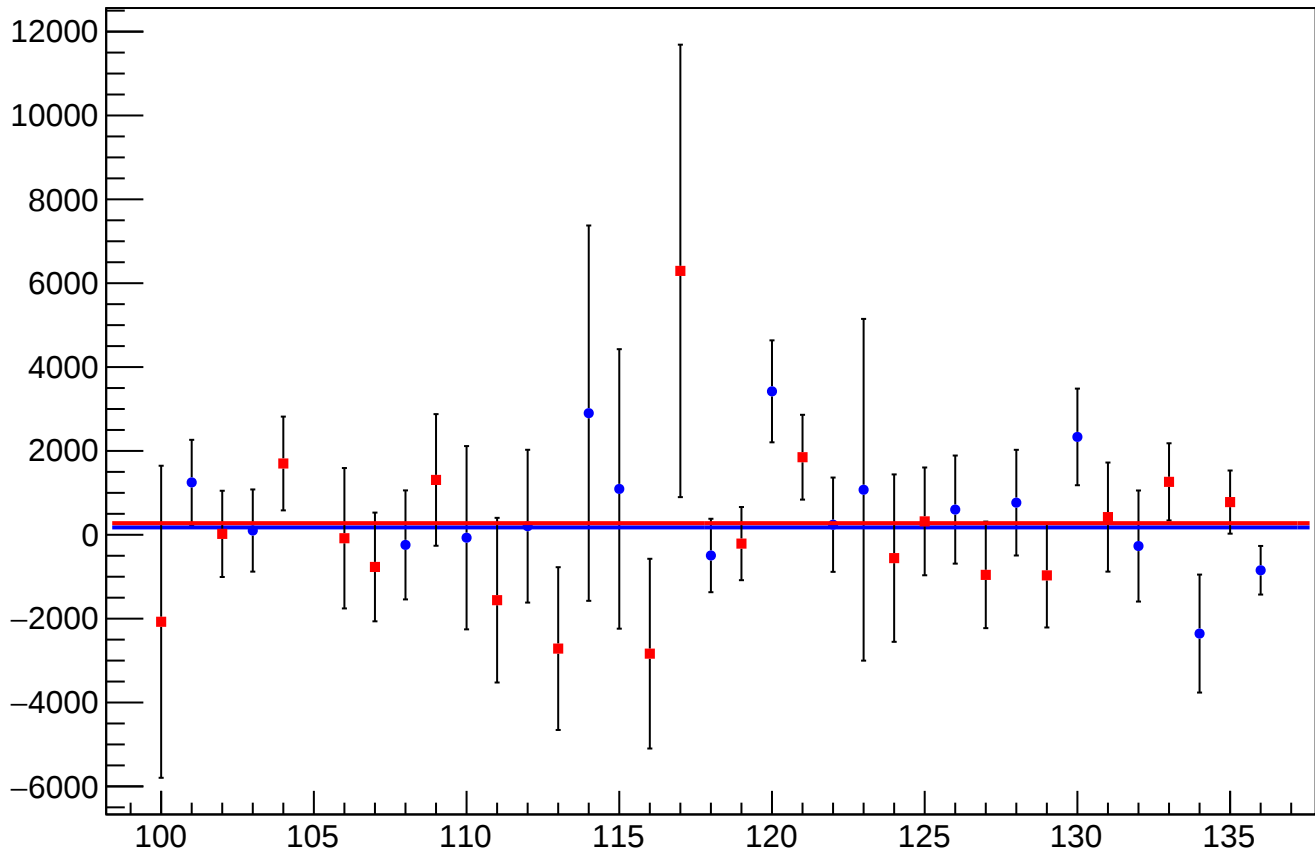
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

708.784+/-0.201 χ^2/NDF : 793538.1/16

719.728+/-0.143 χ^2/NDF : 1665640.3/35

730.876+/-0.202 χ^2/NDF : 866096.3/18

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 175.854+/-287.218 χ^2/NDF : 19.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 277.457+/-290.105 χ^2/NDF : 16.1/18

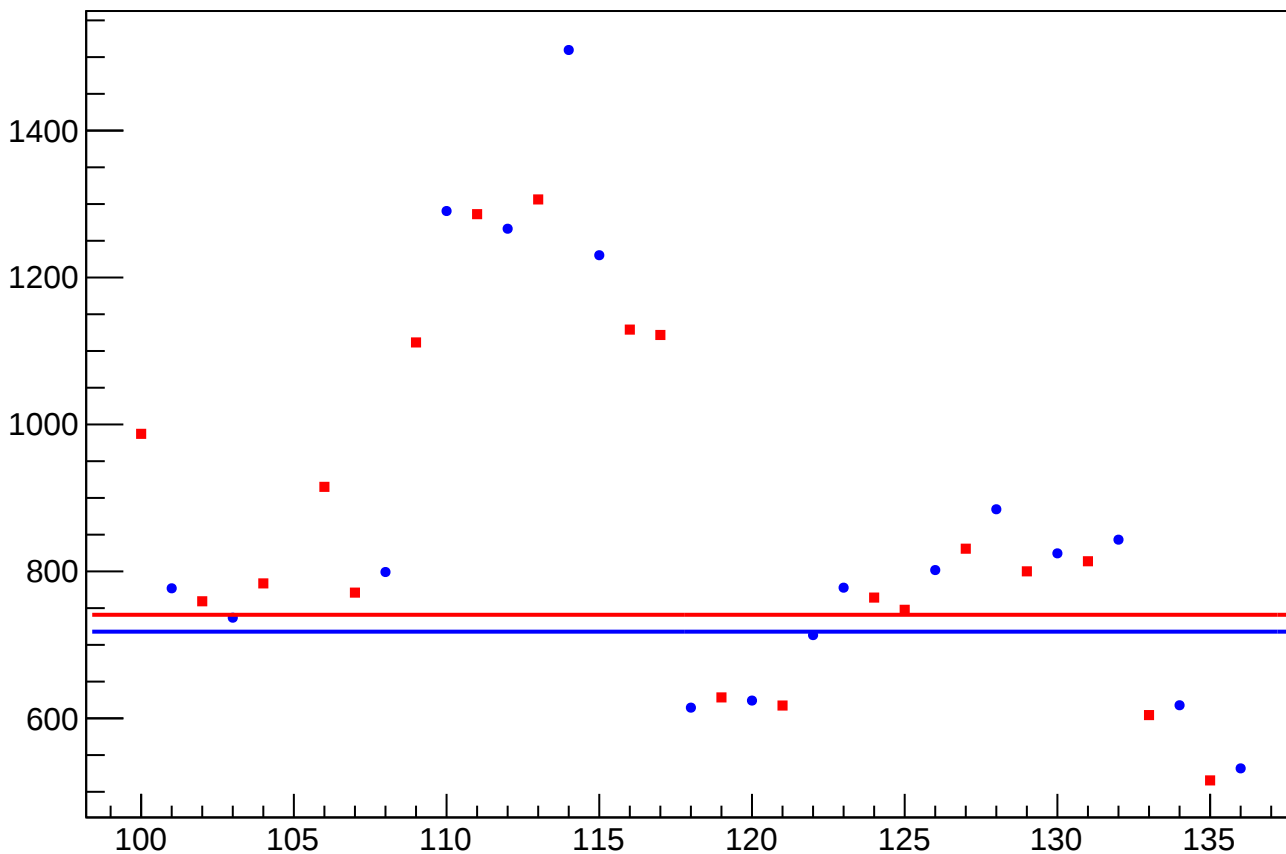
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

175.854+/-287.218 χ^2/NDF : 19.7/16

226.148+/-204.107 χ^2/NDF : 35.9/35

277.457+/-290.105 χ^2/NDF : 16.1/18

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.973+/-0.203 χ^2/NDF : 778580.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 740.944+/-0.205 χ^2/NDF : 846897.9/18

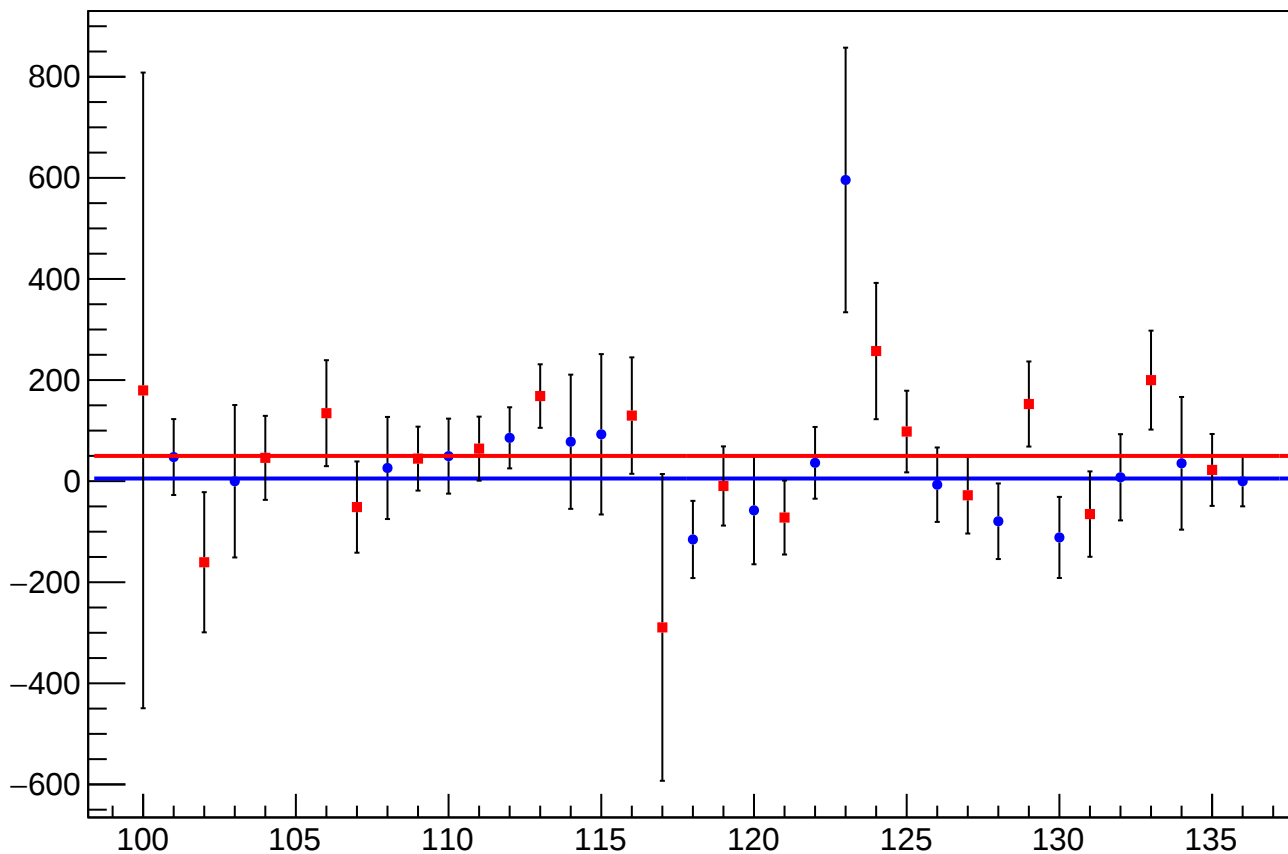
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

717.973+/-0.203 χ^2/NDF : 778580.1/16

729.344+/-0.144 χ^2/NDF : 1631810.4/35

740.944+/-0.205 χ^2/NDF : 846897.9/18

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 5.220+/-20.150 χ^2/NDF : 14.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.910+/-19.734 χ^2/NDF : 22.6/18

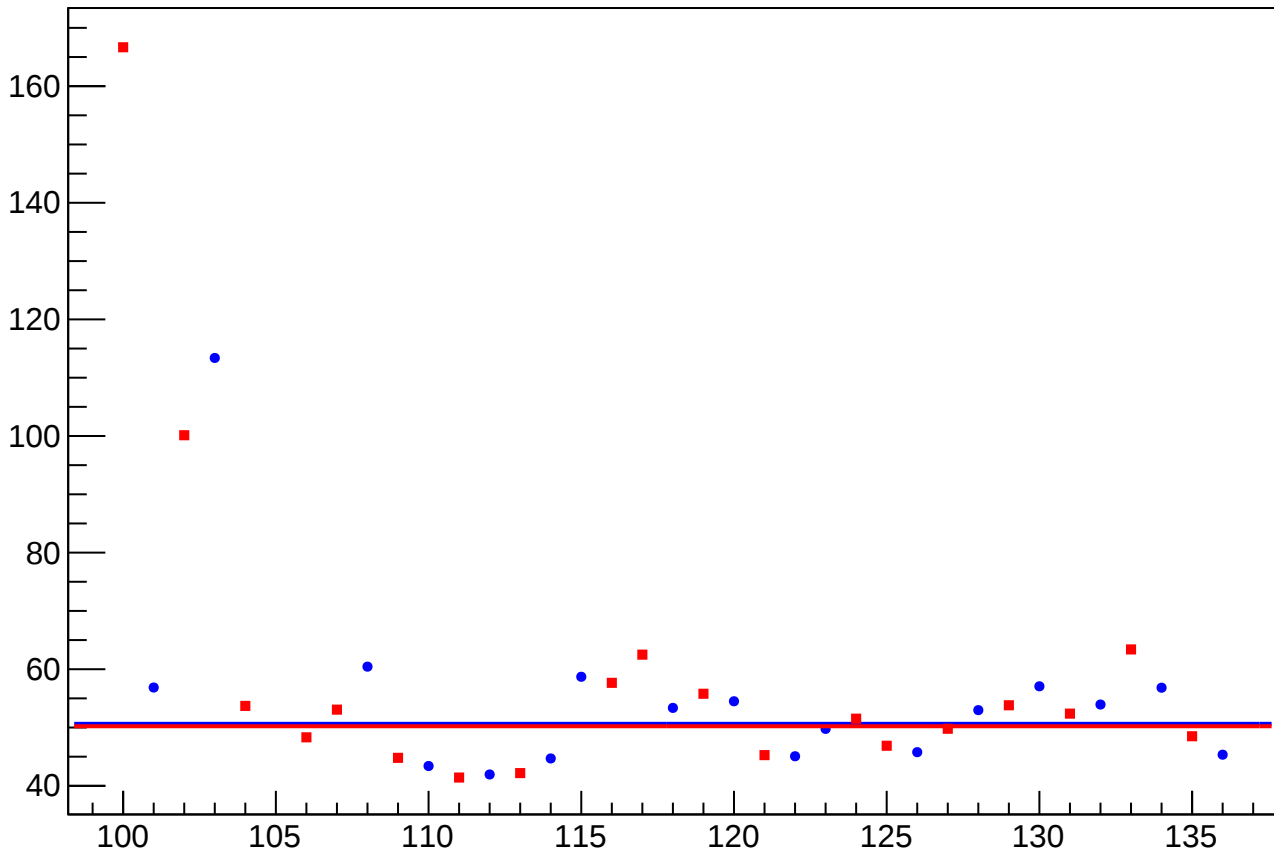
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.220+/-20.150 χ^2/NDF : 14.7/16

28.031+/-14.099 χ^2/NDF : 39.8/35

49.910+/-19.734 χ^2/NDF : 22.6/18

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 50.635+/-0.014 χ^2/NDF : 519687.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.218+/-0.014 χ^2/NDF : 496813.4/18

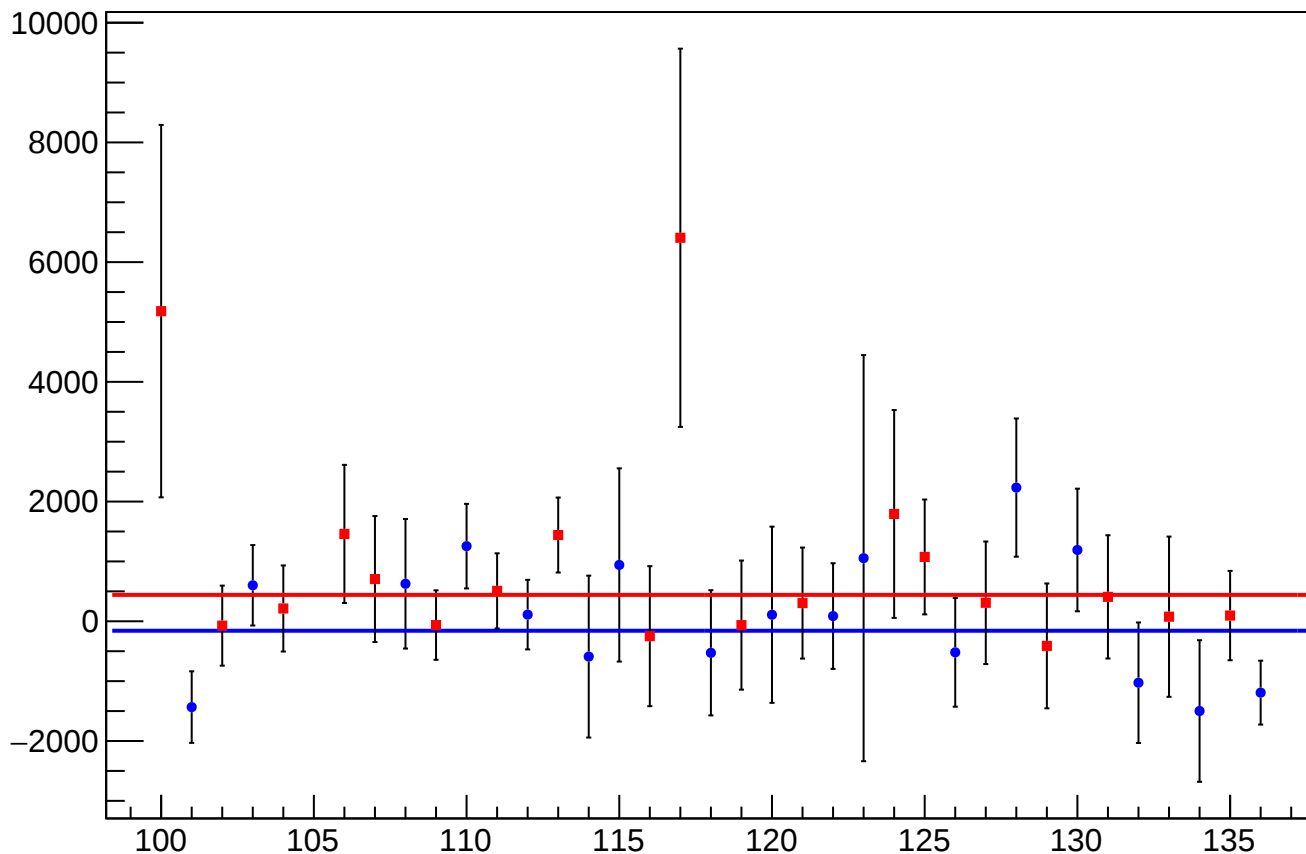
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

50.635+/-0.014 χ^2/NDF : 519687.1/16

50.422+/-0.010 χ^2/NDF : 1016936.5/35

50.218+/-0.014 χ^2/NDF : 496813.4/18

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -158.001+/-210.181 χ^2 /NDF: 23.5/16

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 440.986+/-206.615 χ^2 /NDF: 13.3/18

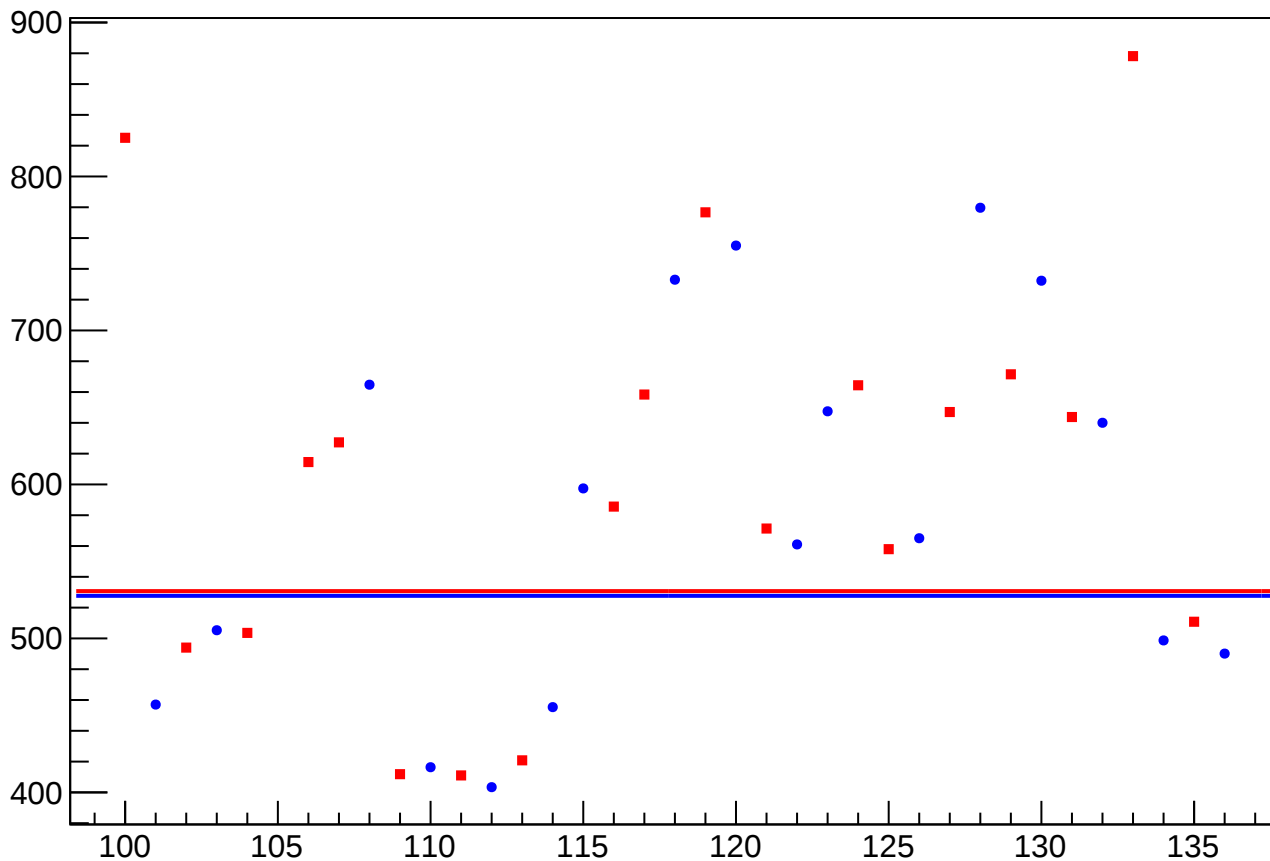
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-158.001+/-210.181 χ^2 /NDF: 23.5/16

146.617+/-147.344 χ^2 /NDF: 40.9/35

440.986+/-206.615 χ^2 /NDF: 13.3/18

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 527.663 $\pm$ 0.149 χ^2 /NDF: 557423.6/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 530.722 $\pm$ 0.146 χ^2 /NDF: 623983.7/18

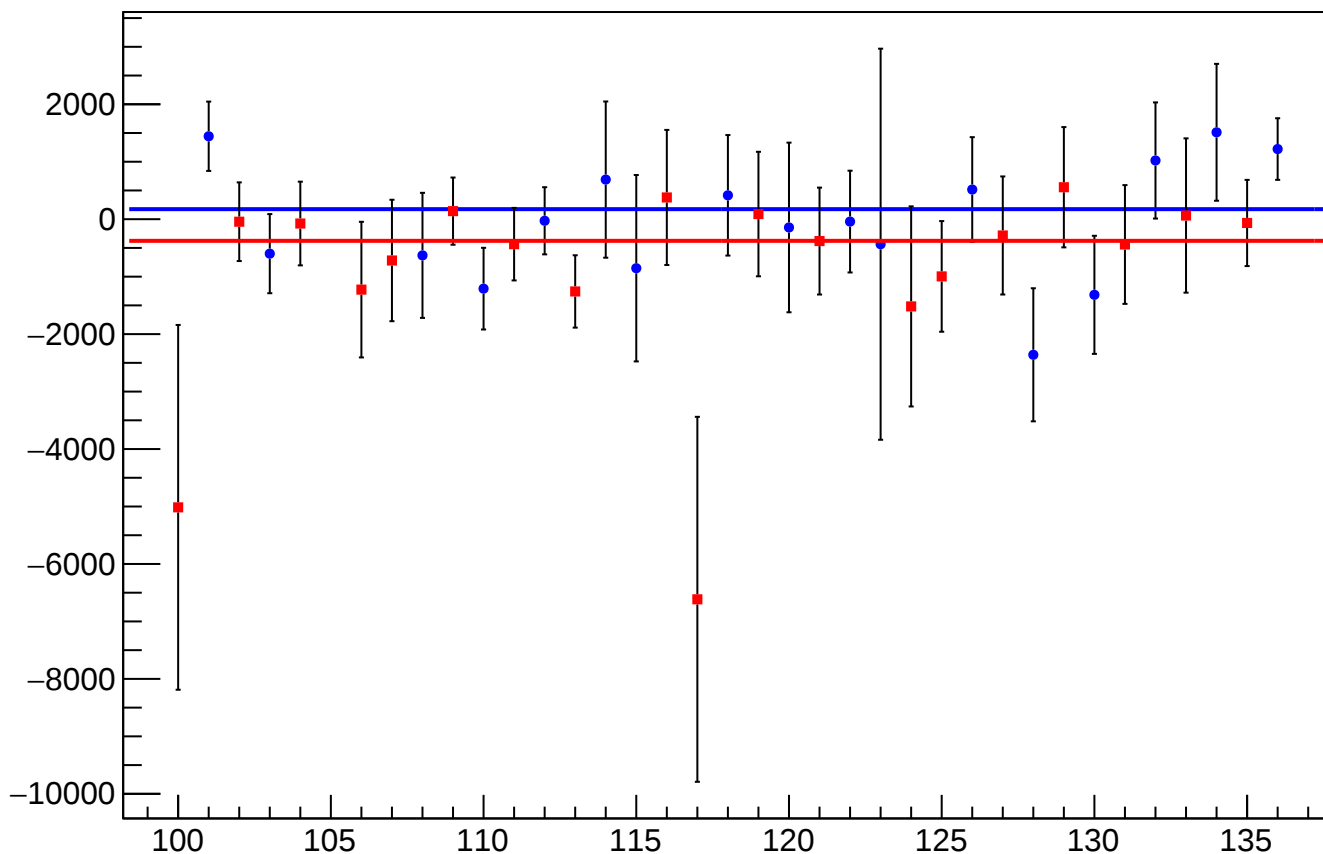
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

527.663 $\pm$ 0.149 χ^2 /NDF: 557423.6/16

529.219 $\pm$ 0.104 χ^2 /NDF: 1181622.8/35

530.722 $\pm$ 0.146 χ^2 /NDF: 623983.7/18

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 174.605 $\pm$ 211.662 χ^2 /NDF: 23.7/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -376.575 $\pm$ 208.232 χ^2 /NDF: 12.3/18

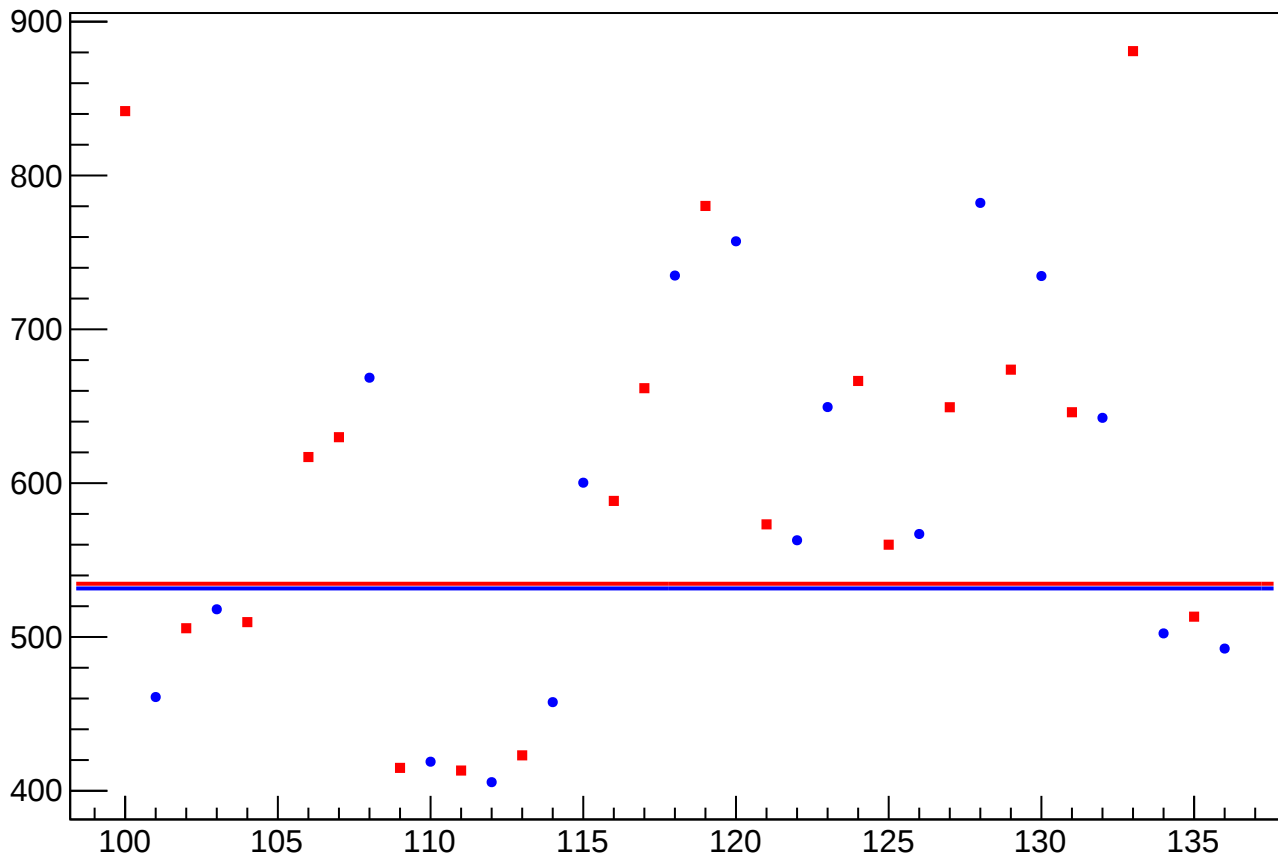
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

174.605 $\pm$ 211.662 χ^2 /NDF: 23.7/16

-105.488 $\pm$ 148.440 χ^2 /NDF: 39.4/35

-376.575 $\pm$ 208.232 χ^2 /NDF: 12.3/18

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 531.554+/-0.150 χ^2/NDF : 550087.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 534.609+/-0.147 χ^2/NDF : 616082.8/18

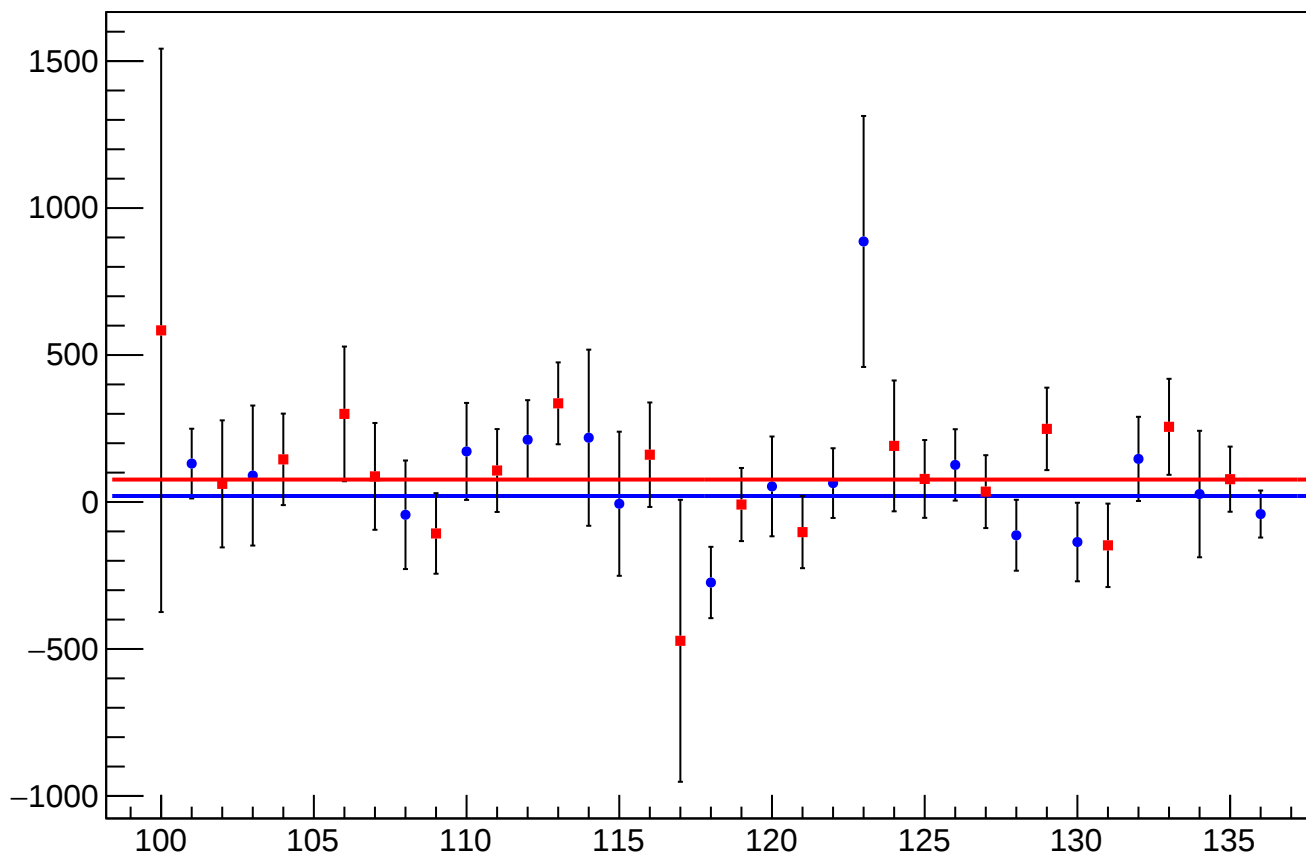
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

531.554+/-0.150 χ^2/NDF : 550087.6/16

533.107+/-0.105 χ^2/NDF : 1166382.2/35

534.609+/-0.147 χ^2/NDF : 616082.8/18

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 20.441+/-34.583 χ^2/NDF : 19.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.339+/-35.418 χ^2/NDF : 16.4/18

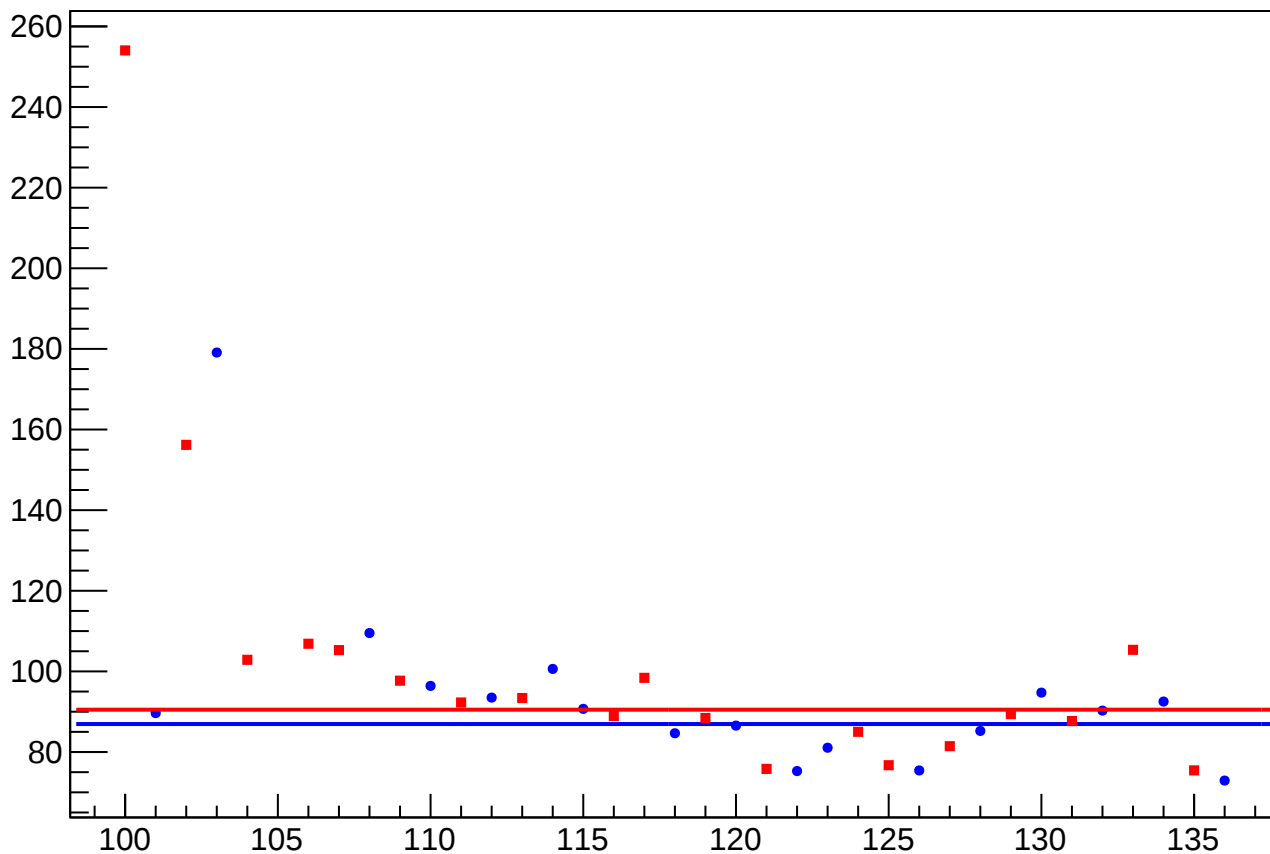
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

20.441+/-34.583 χ^2/NDF : 19.3/16

47.723+/-24.744 χ^2/NDF : 37.0/35

76.339+/-35.418 χ^2/NDF : 16.4/18

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 86.943+/-0.024 χ^2/NDF : 455809.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.501+/-0.025 χ^2/NDF : 403720.0/18

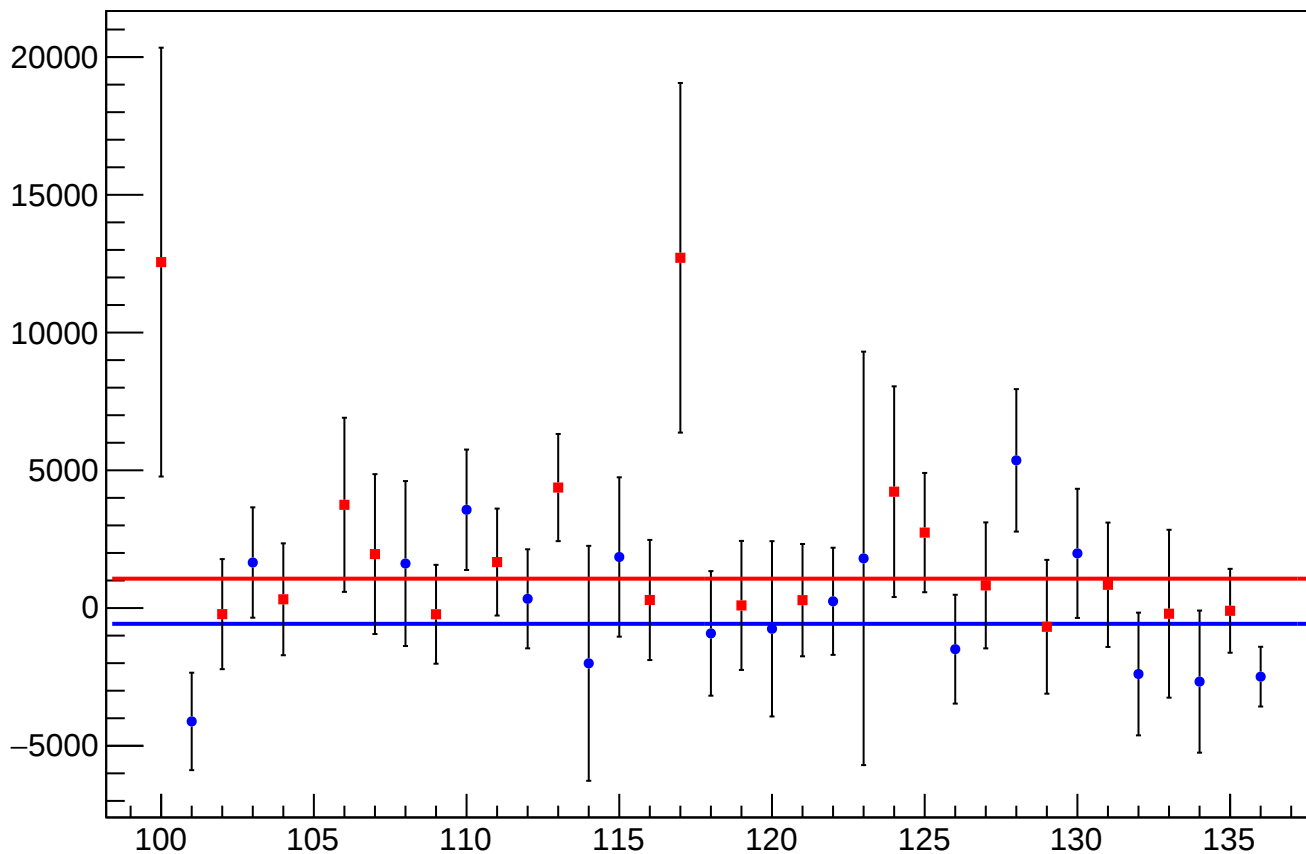
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

86.943+/-0.024 χ^2/NDF : 455809.4/16

88.679+/-0.017 χ^2/NDF : 869864.5/35

90.501+/-0.025 χ^2/NDF : 403720.0/18

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -572.342+/-517.020 χ^2 /NDF: 21.9/16

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1067.033+/-526.701 χ^2 /NDF: 13.4/18

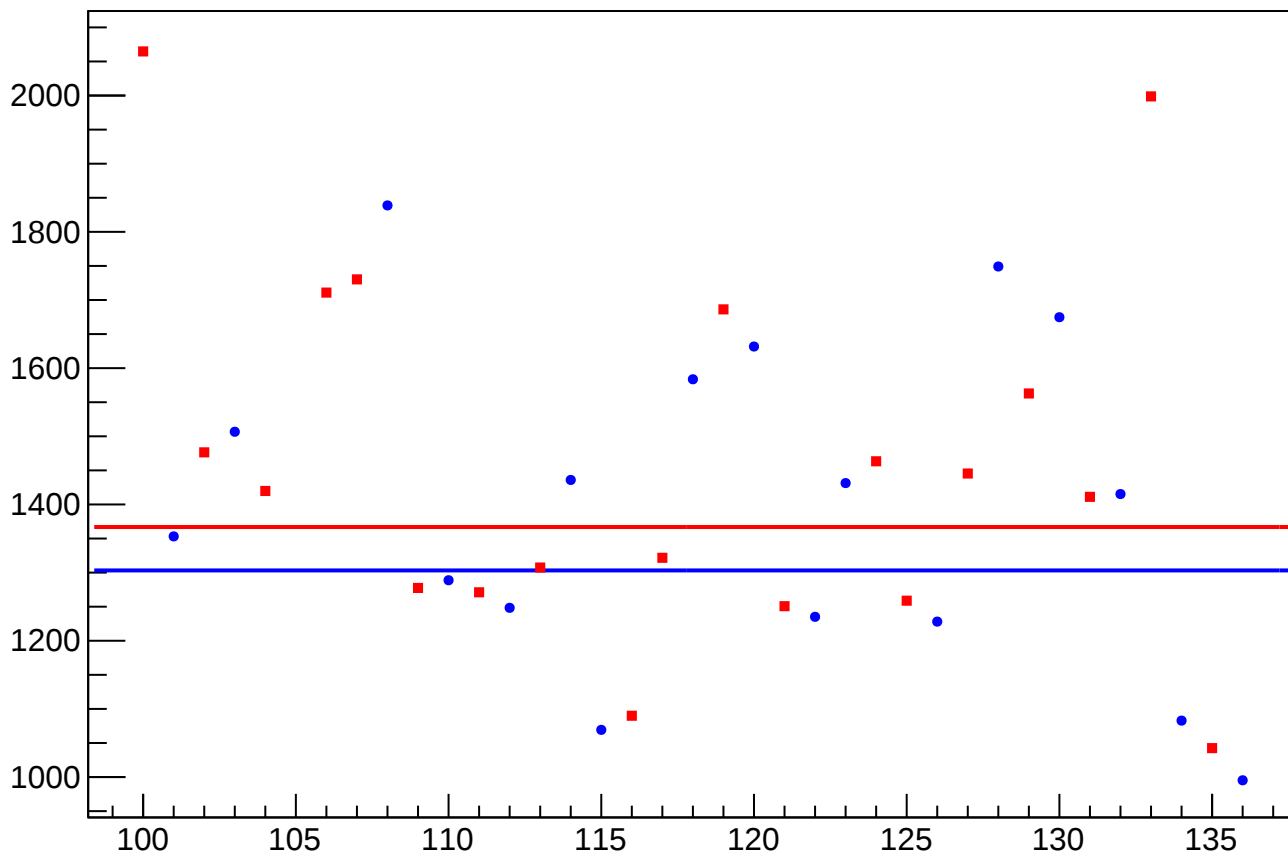
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-572.342+/-517.020 χ^2 /NDF: 21.9/16

232.142+/-368.964 χ^2 /NDF: 40.3/35

1067.033+/-526.701 χ^2 /NDF: 13.4/18

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1303.201+/-0.366 χ^2/NDF : 451961.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1366.905+/-0.372 χ^2/NDF : 365488.5/18

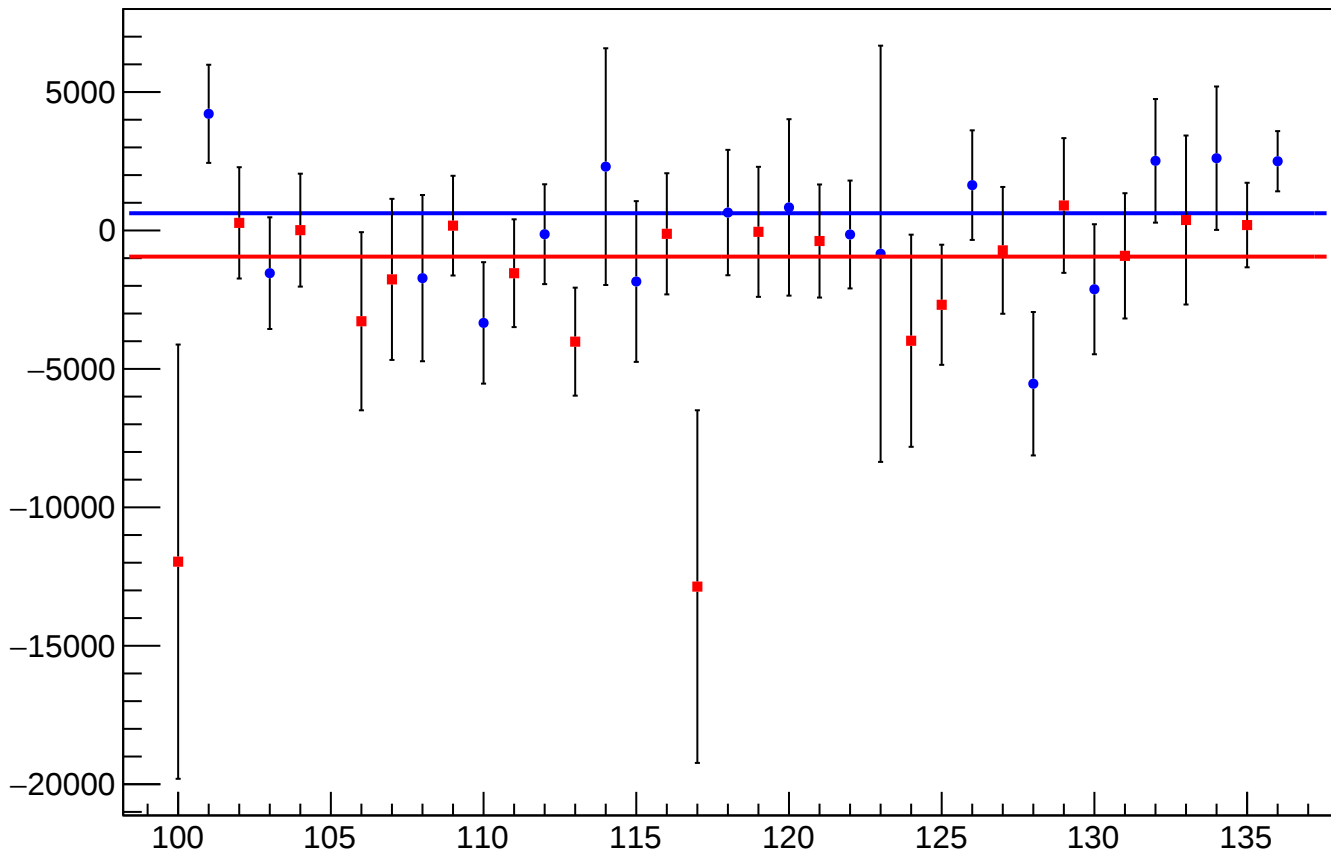
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1303.201+/-0.366 χ^2/NDF : 451961.9/16

1334.462+/-0.261 χ^2/NDF : 832350.3/35

1366.905+/-0.372 χ^2/NDF : 365488.5/18

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 622.411+/-518.496 χ^2/NDF : 22.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -944.364+/-528.466 χ^2/NDF : 12.6/18

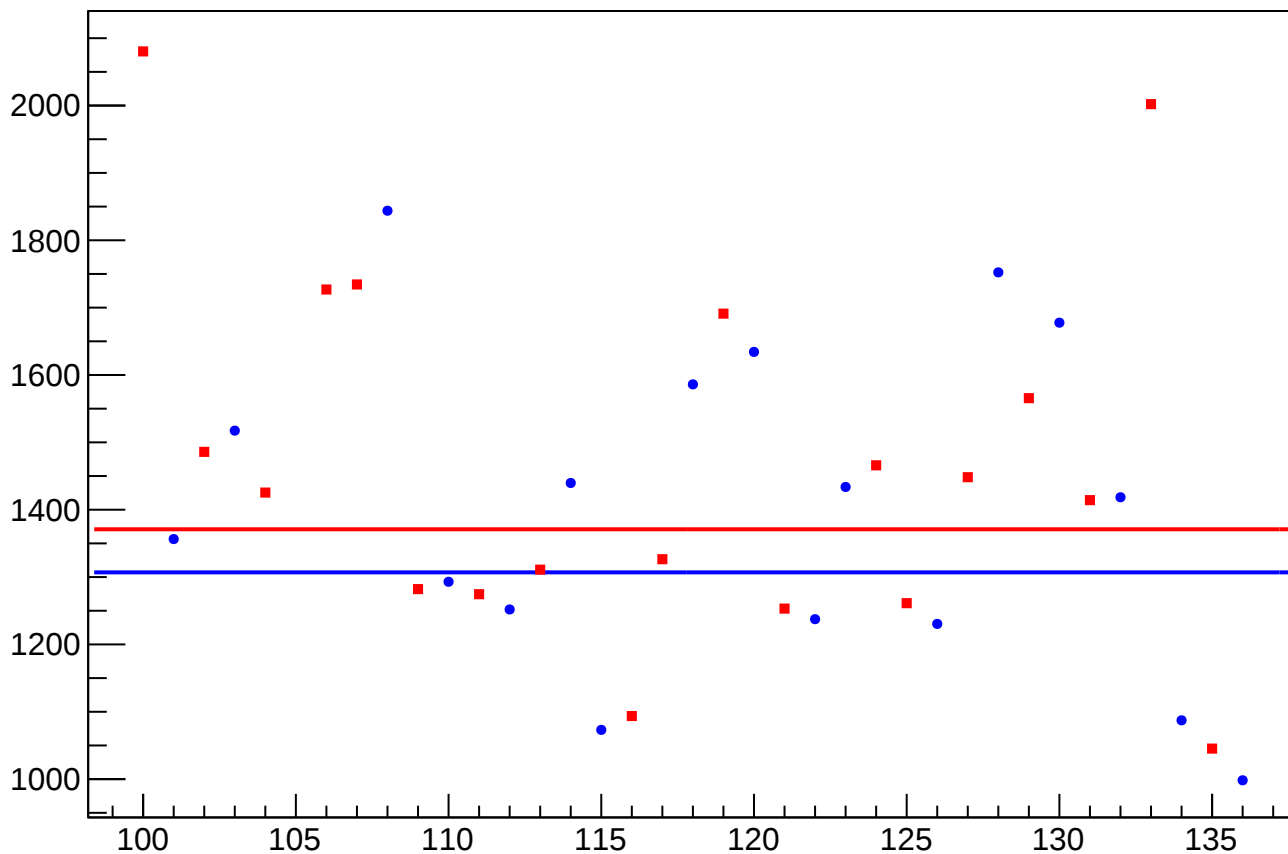
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

622.411+/-518.496 χ^2/NDF : 22.0/16

-146.058+/-370.106 χ^2/NDF : 39.0/35

-944.364+/-528.466 χ^2/NDF : 12.6/18

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1306.980+/-0.367 χ^2/NDF : 451191.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1370.934+/-0.374 χ^2/NDF : 366388.9/18

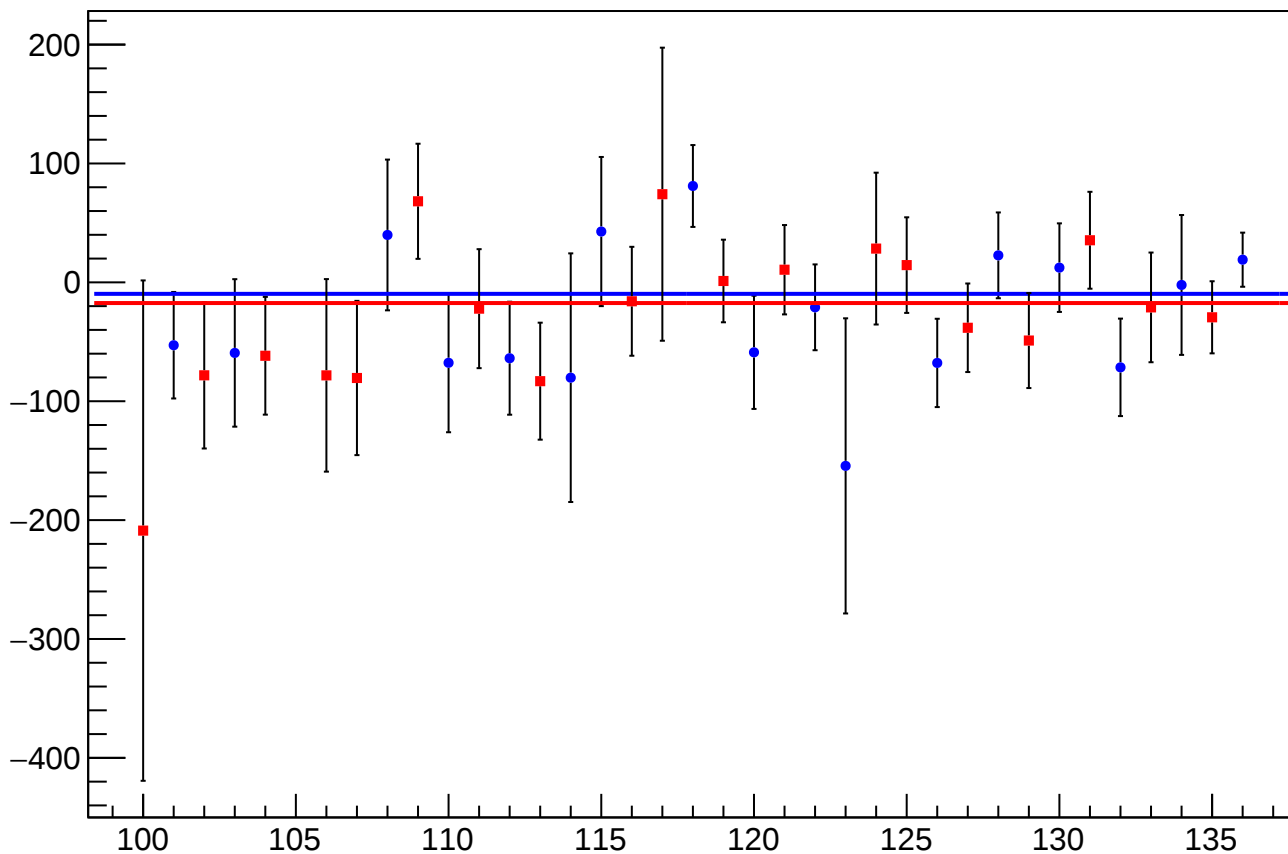
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1306.980+/-0.367 χ^2/NDF : 451191.7/16

1338.348+/-0.262 χ^2/NDF : 832504.5/35

1370.934+/-0.374 χ^2/NDF : 366388.9/18

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: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -17.404 ± 10.677 χ^2/NDF : 14.3/18

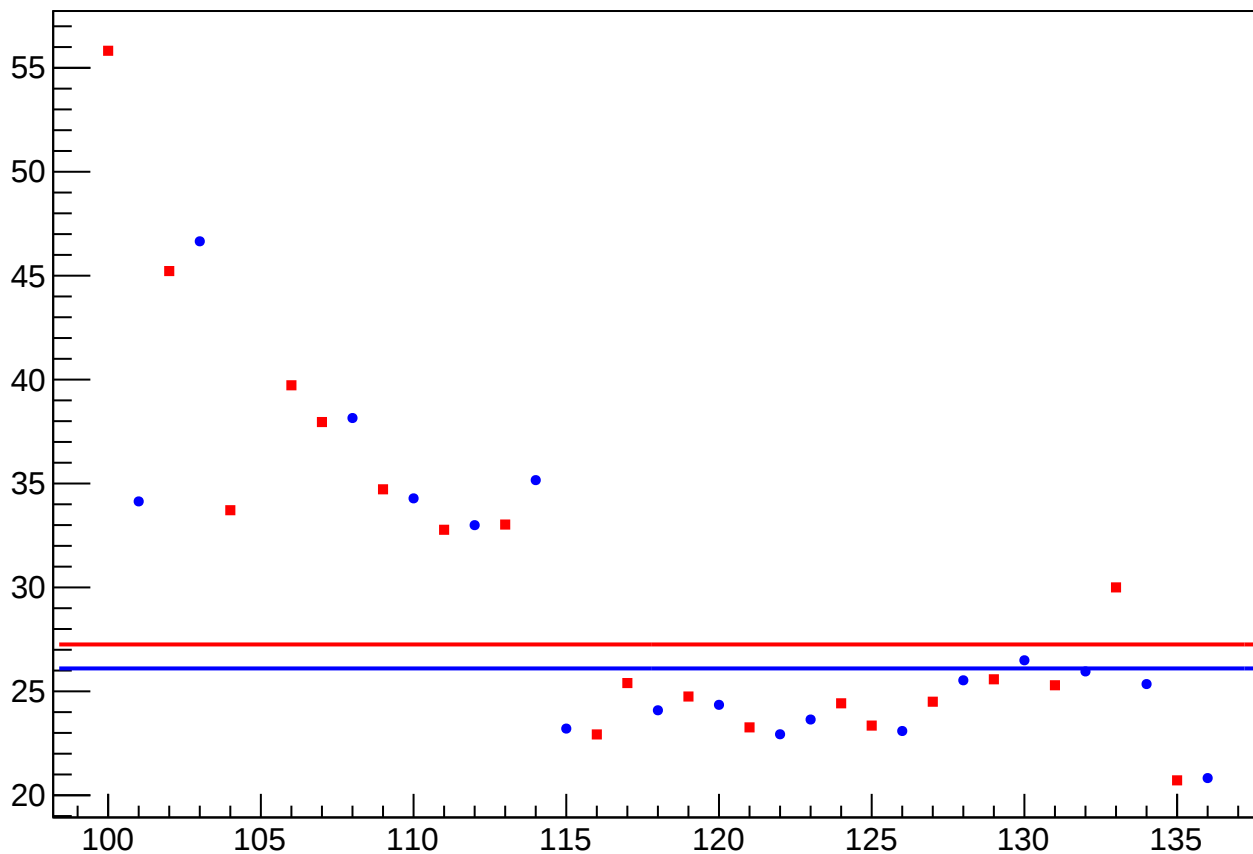
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-9.669 ± 10.408 χ^2/NDF : 22.6/16

-13.438 ± 7.453 χ^2/NDF : 37.2/35

-17.404 ± 10.677 χ^2/NDF : 14.3/18

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 26.103+/-0.007 χ^2/NDF : 604038.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.256+/-0.008 χ^2/NDF : 635585.4/18

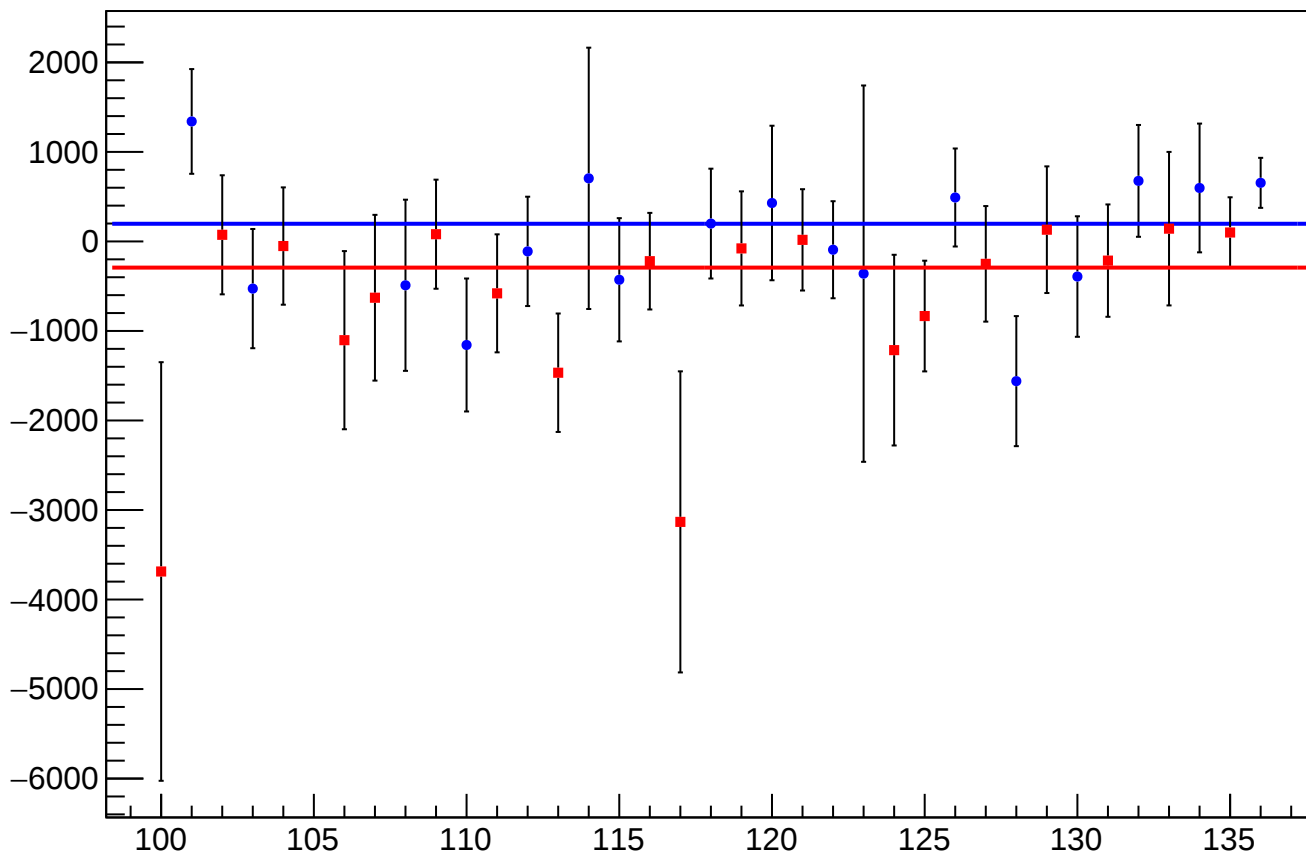
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

26.103+/-0.007 χ^2/NDF : 604038.5/16

26.665+/-0.005 χ^2/NDF : 1251597.6/35

27.256+/-0.008 χ^2/NDF : 635585.4/18

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -292.374 $\pm$ 154.552 χ^2 /NDF: 13.5/18

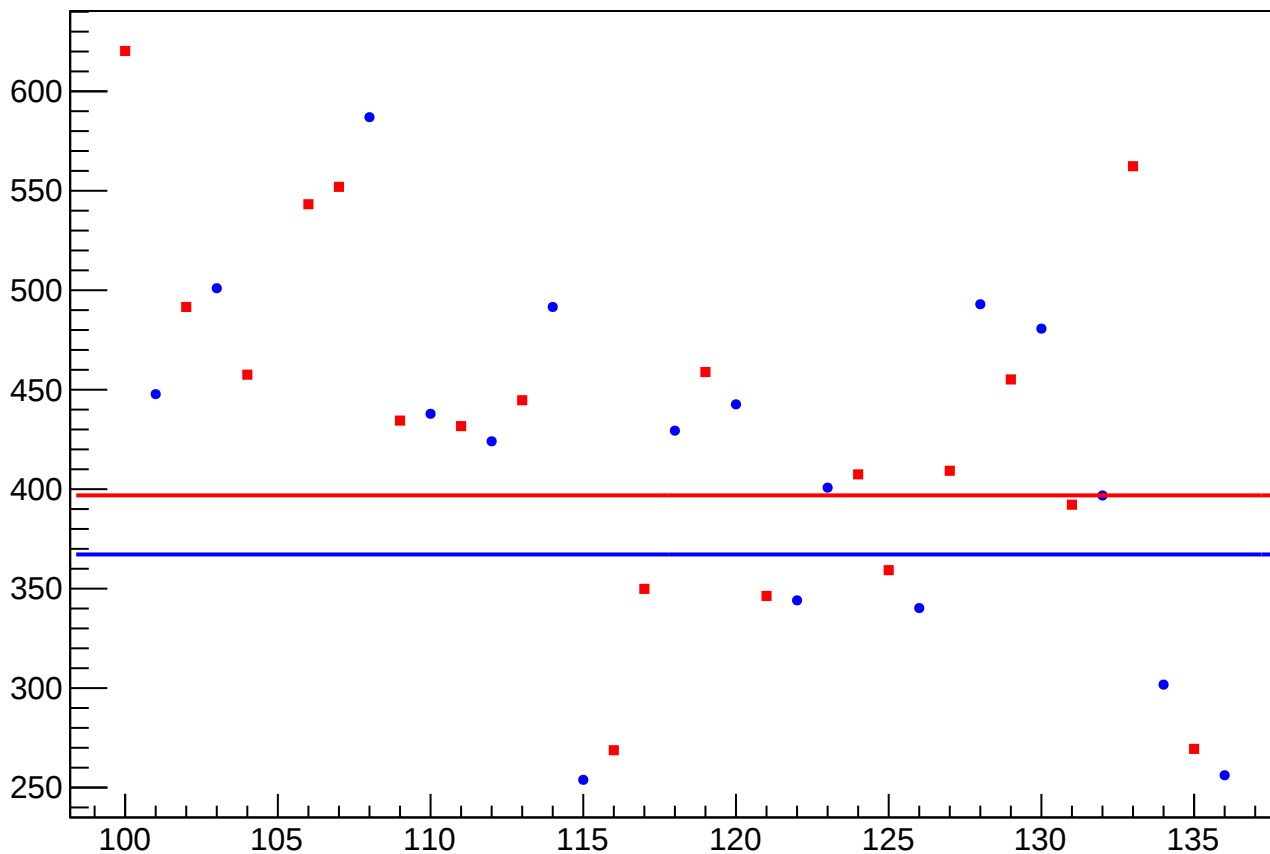
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

197.327 $\pm$ 147.883 χ^2 /NDF: 21.0/16

-36.730 $\pm$ 106.849 χ^2 /NDF: 39.7/35

-292.374 $\pm$ 154.552 χ^2 /NDF: 13.5/18

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 367.180+/-0.105 χ^2/NDF : 827148.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 396.888+/-0.109 χ^2/NDF : 654763.1/18

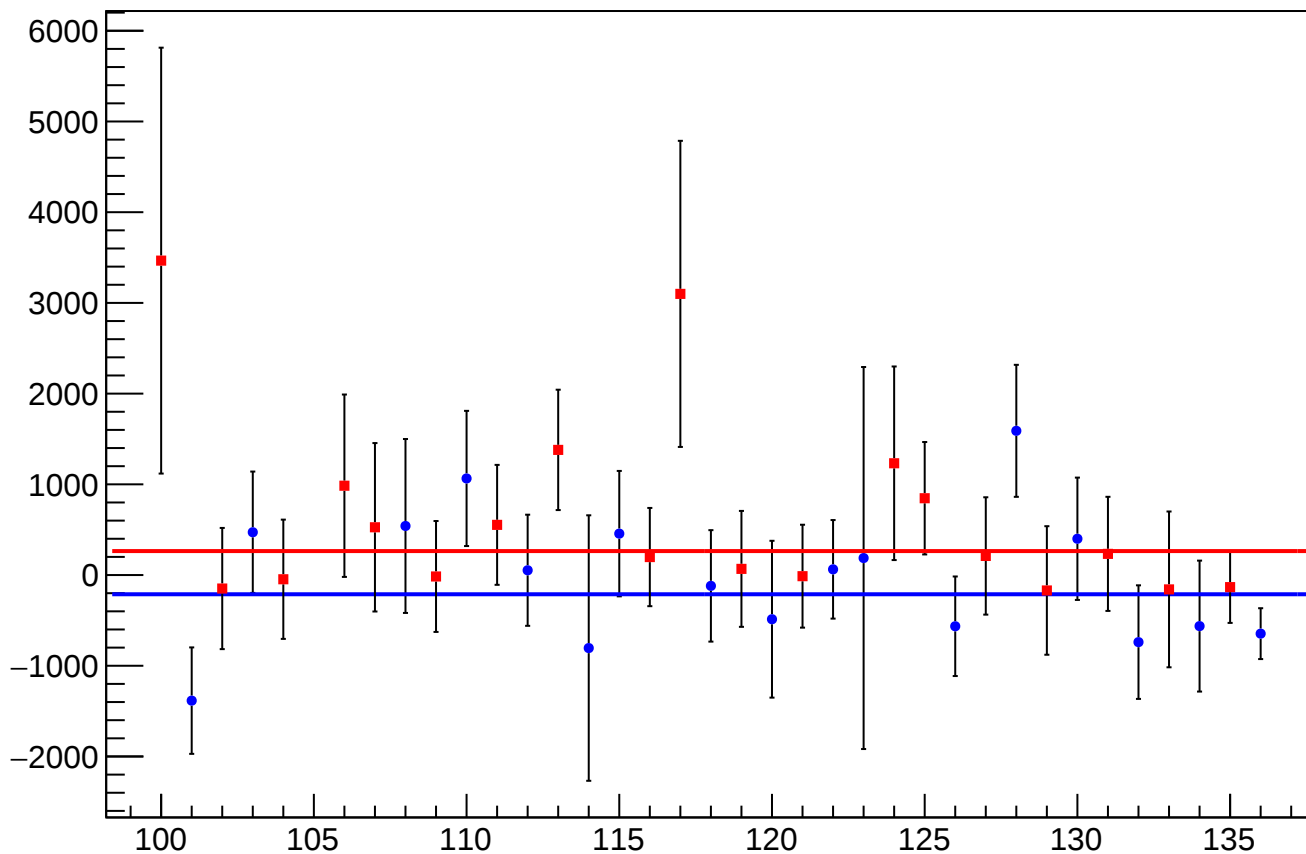
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

367.180+/-0.105 χ^2/NDF : 827148.2/16

381.380+/-0.076 χ^2/NDF : 1520489.1/35

396.888+/-0.109 χ^2/NDF : 654763.1/18

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -211.859+/-148.316 χ^2/NDF : 21.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 264.255+/-155.014 χ^2/NDF : 12.8/18

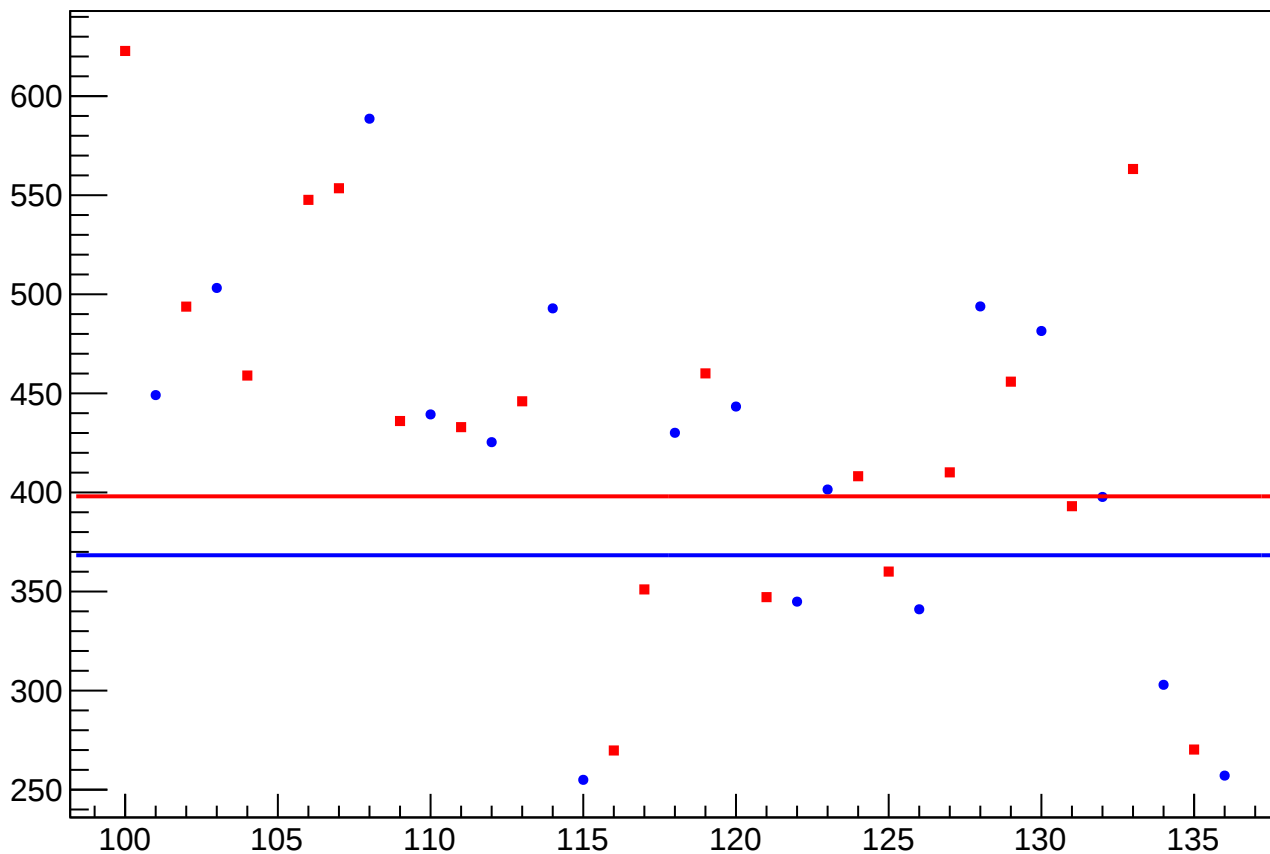
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-211.859+/-148.316 χ^2/NDF : 21.0/16

15.690+/-107.165 χ^2/NDF : 38.7/35

264.255+/-155.014 χ^2/NDF : 12.8/18

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 398.035 $\pm$ 0.110 χ^2 /NDF: 655151.6/18

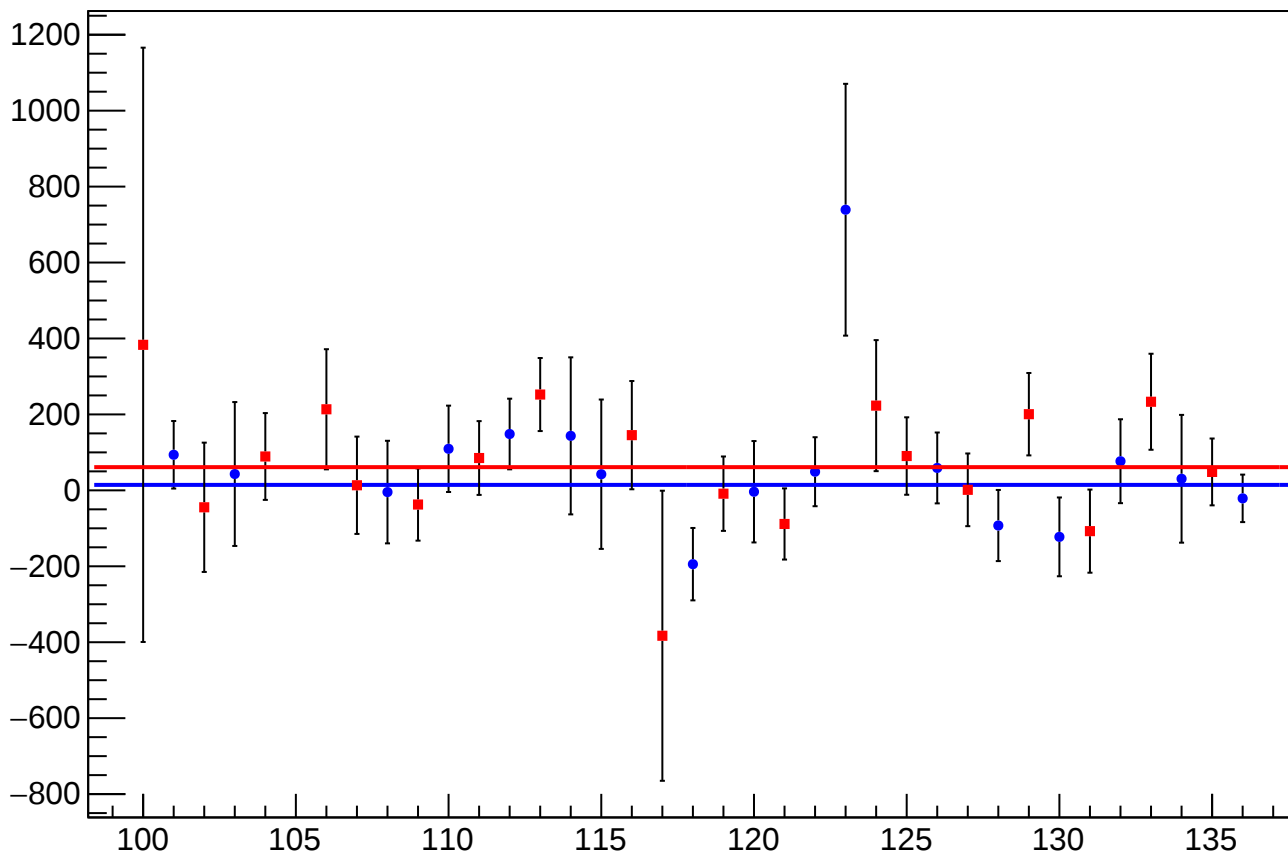
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

368.302 $\pm$ 0.105 χ^2 /NDF: 824619.2/16

382.512 $\pm$ 0.076 χ^2 /NDF: 1518186.4/35

398.035 $\pm$ 0.110 χ^2 /NDF: 655151.6/18

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 14.385+/-26.334 χ^2/NDF : 17.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.117+/-26.623 χ^2/NDF : 18.8/18

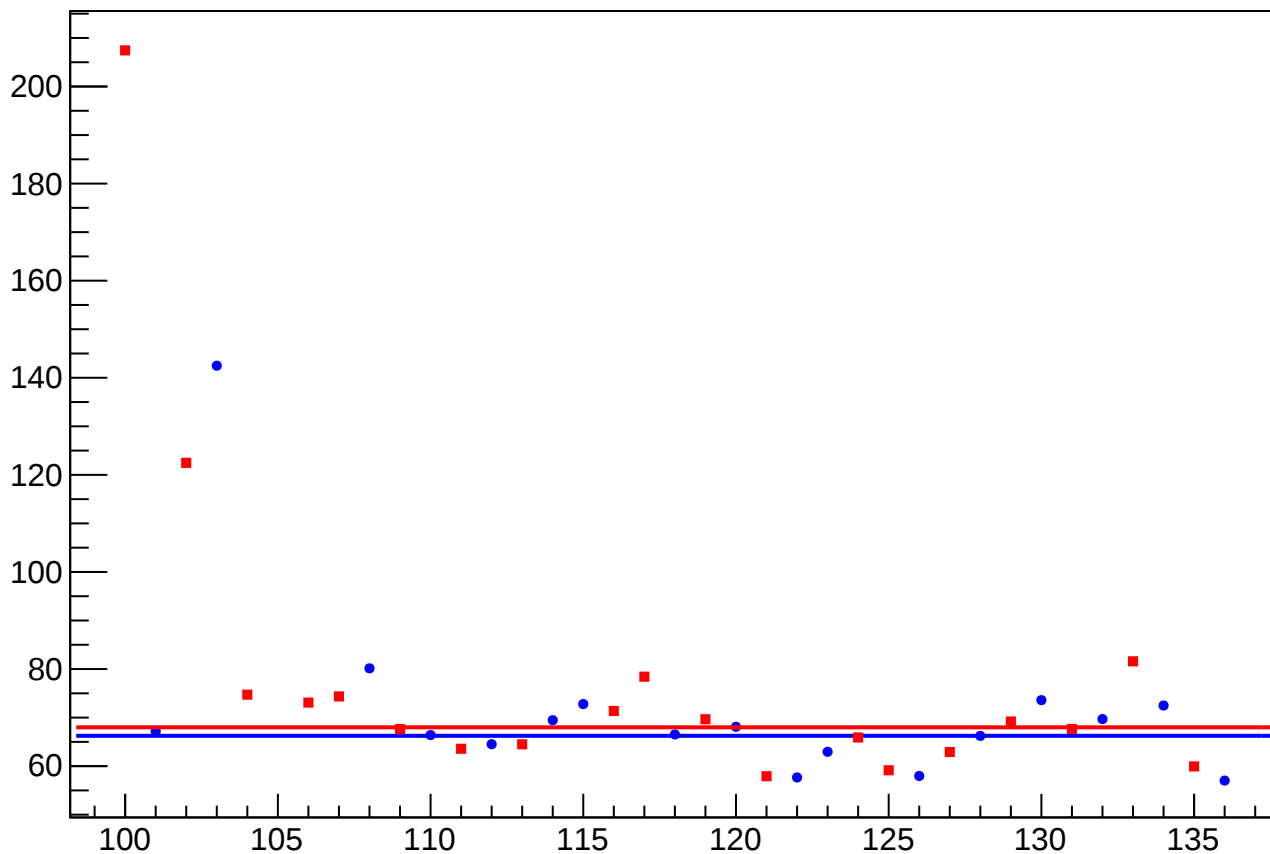
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14.385+/-26.334 χ^2/NDF : 17.7/16

37.495+/-18.722 χ^2/NDF : 38.0/35

61.117+/-26.623 χ^2/NDF : 18.8/18

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 66.247+/-0.019 χ^2/NDF : 440944.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.996+/-0.019 χ^2/NDF : 376377.7/18

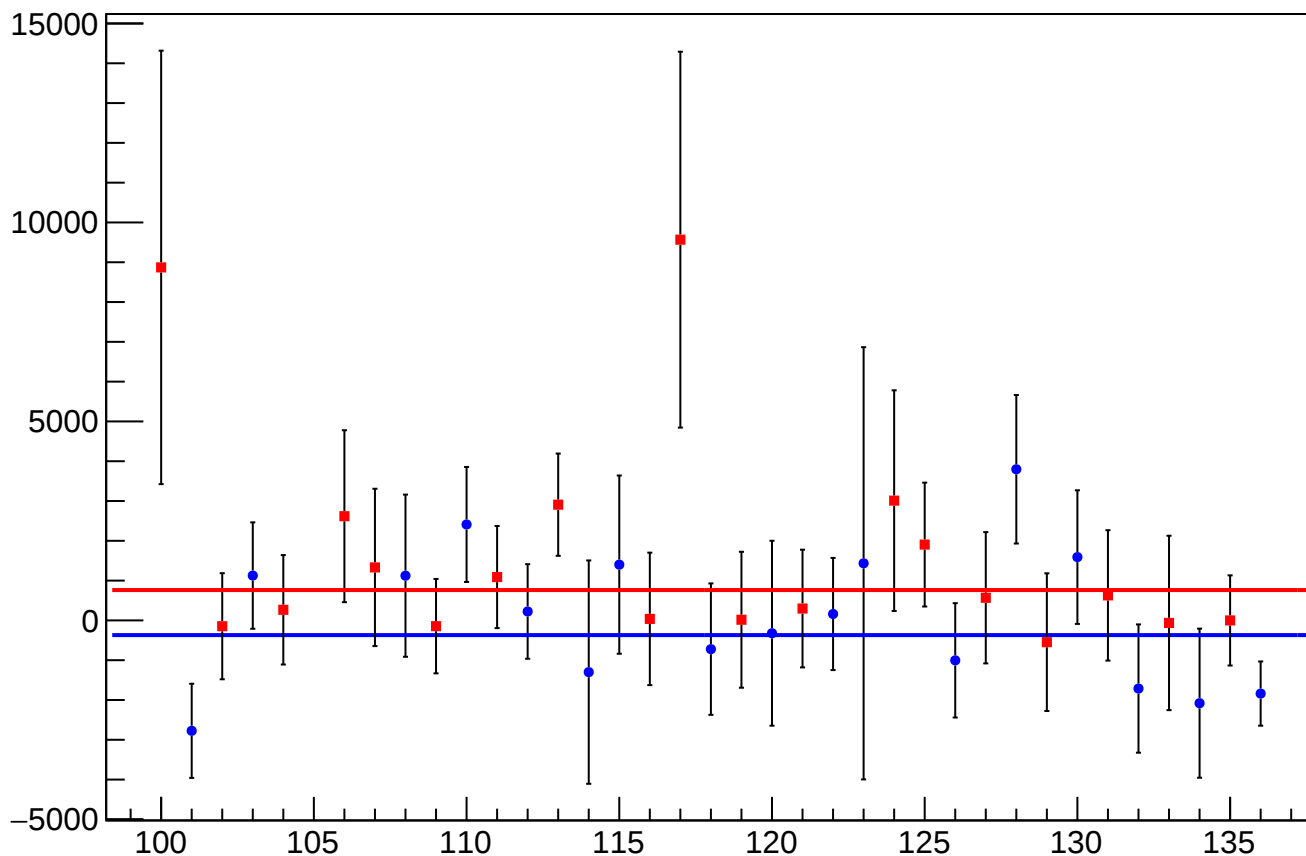
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

66.247+/-0.019 χ^2/NDF : 440944.2/16

67.112+/-0.013 χ^2/NDF : 821683.0/35

67.996+/-0.019 χ^2/NDF : 376377.7/18

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -369.546+/-366.432 χ^2/NDF : 22.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 762.475+/-369.364 χ^2/NDF : 13.4/18

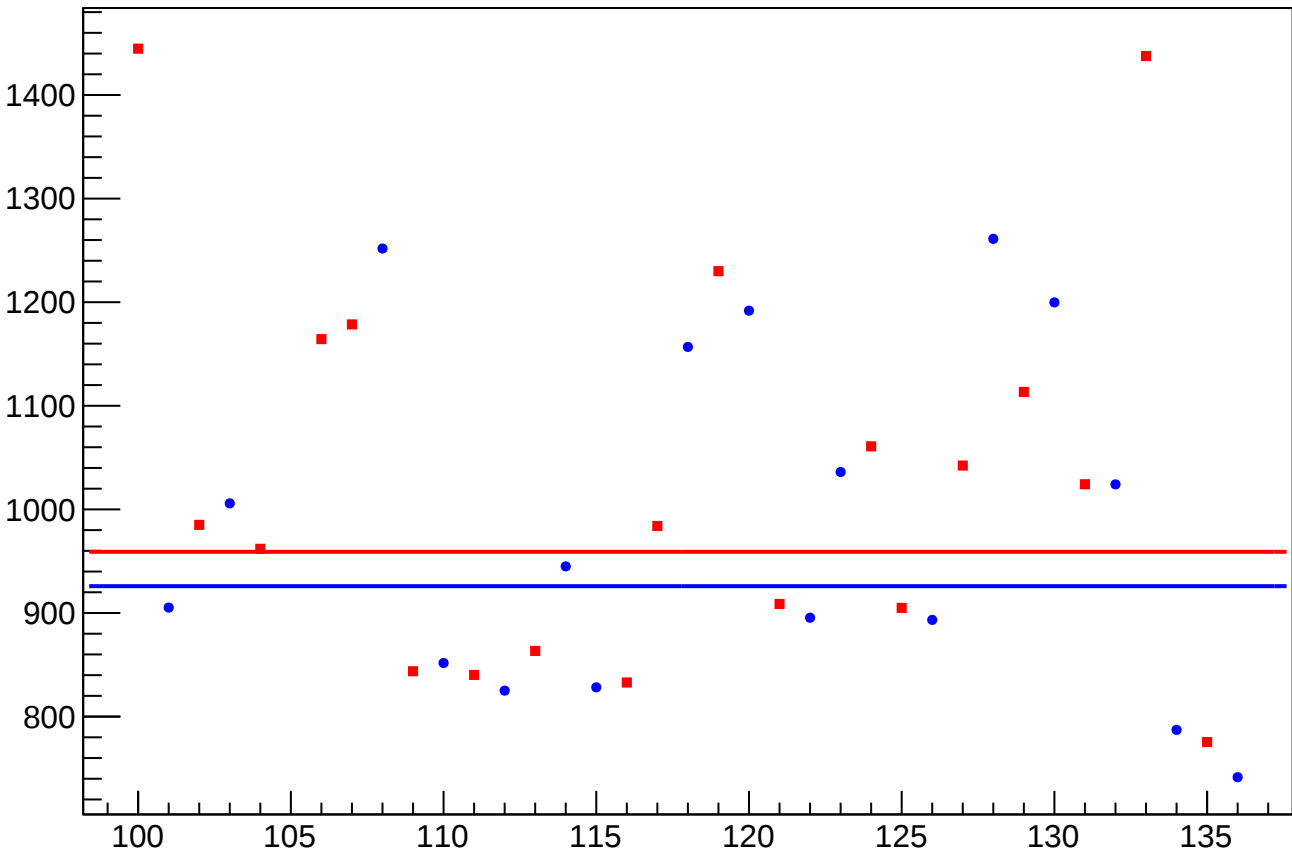
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-369.546+/-366.432 χ^2/NDF : 22.3/16

191.955+/-260.137 χ^2/NDF : 40.4/35

762.475+/-369.364 χ^2/NDF : 13.4/18

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 925.885+/-0.259 χ^2/NDF : 391084.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 959.061+/-0.261 χ^2/NDF : 347984.9/18

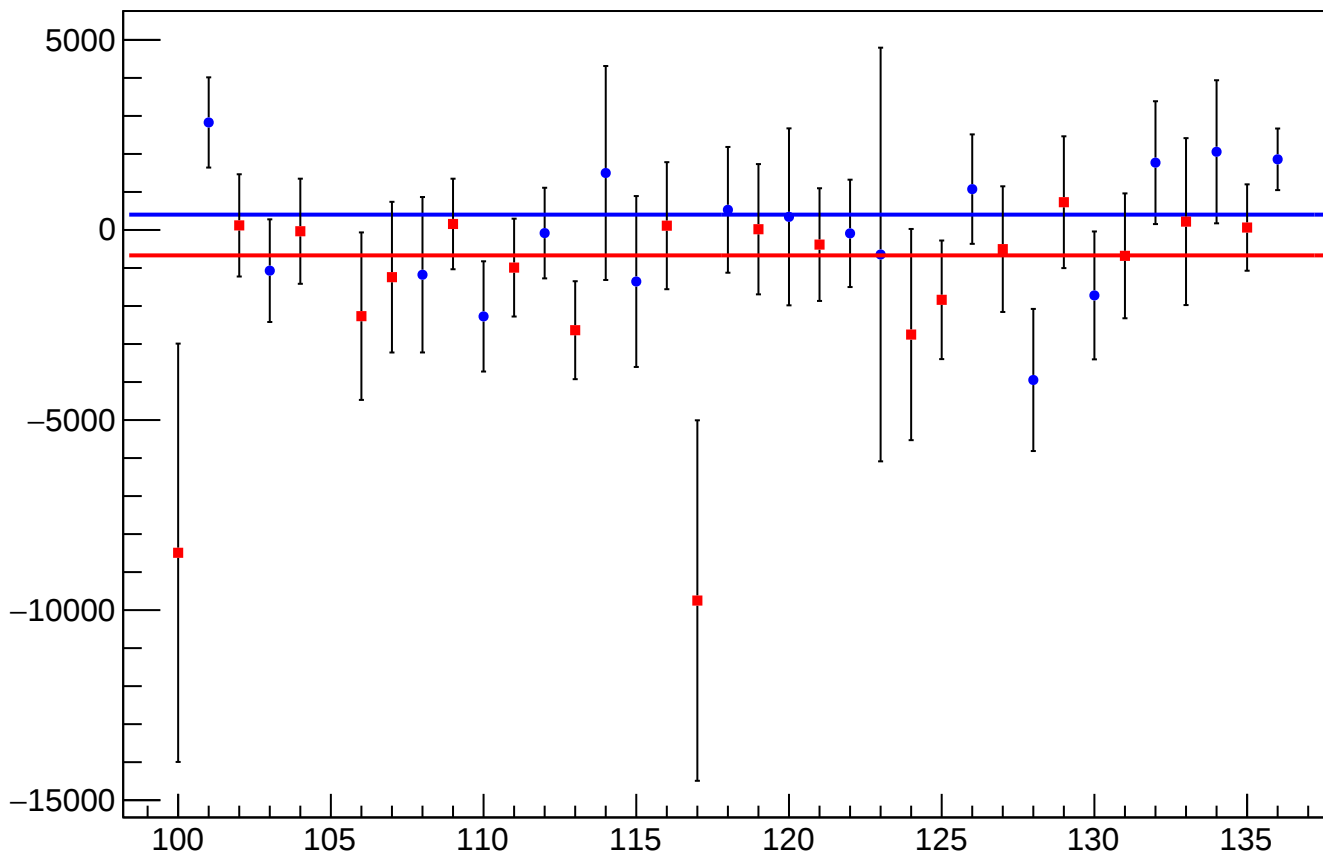
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

925.885+/-0.259 χ^2/NDF : 391084.5/16

942.341+/-0.184 χ^2/NDF : 747201.3/35

959.061+/-0.261 χ^2/NDF : 347984.9/18

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 403.591+/-367.686 χ^2/NDF : 22.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -668.356+/-370.853 χ^2/NDF : 12.5/18

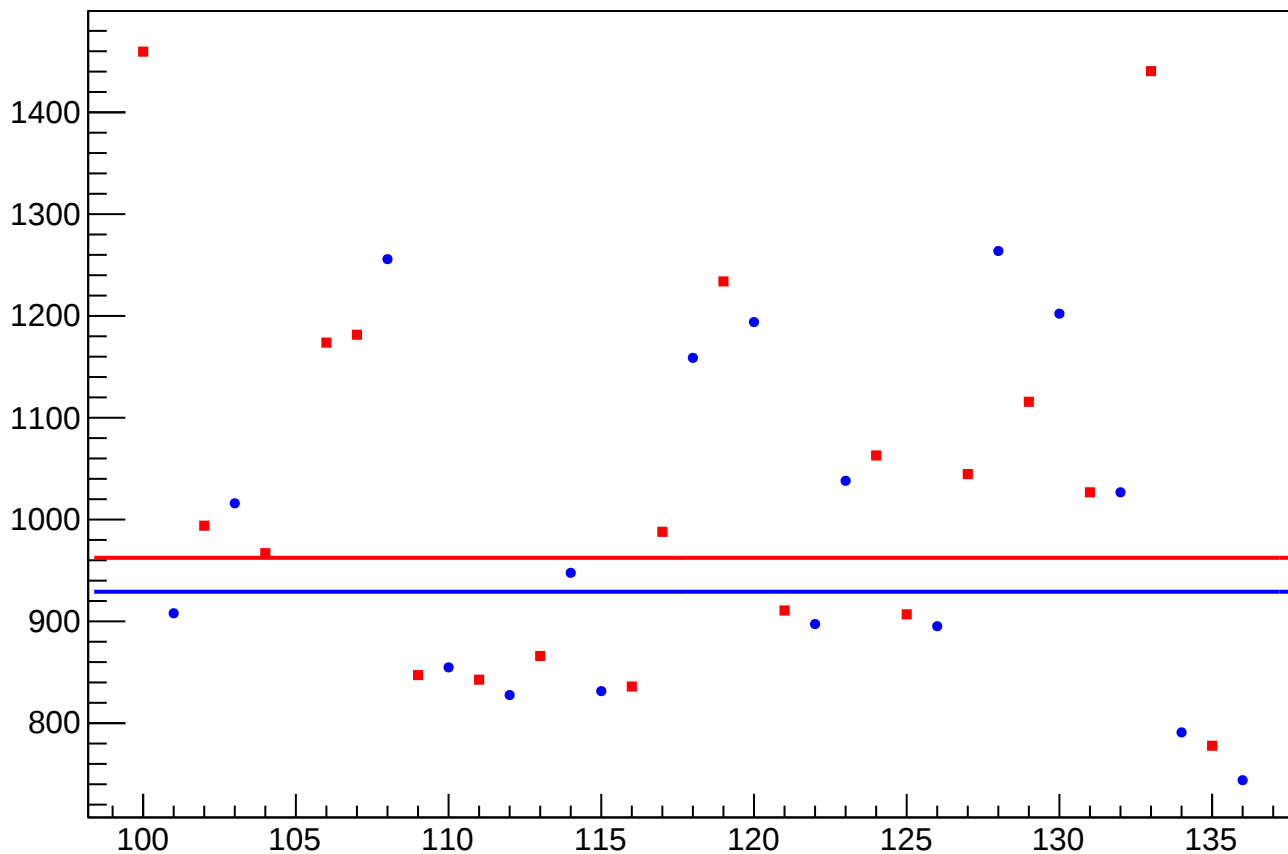
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

403.591+/-367.686 χ^2/NDF : 22.4/16

-127.784+/-261.106 χ^2/NDF : 39.1/35

-668.356+/-370.853 χ^2/NDF : 12.5/18

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 929.096+/-0.260 χ^2/NDF : 390292.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 962.440+/-0.262 χ^2/NDF : 348087.4/18

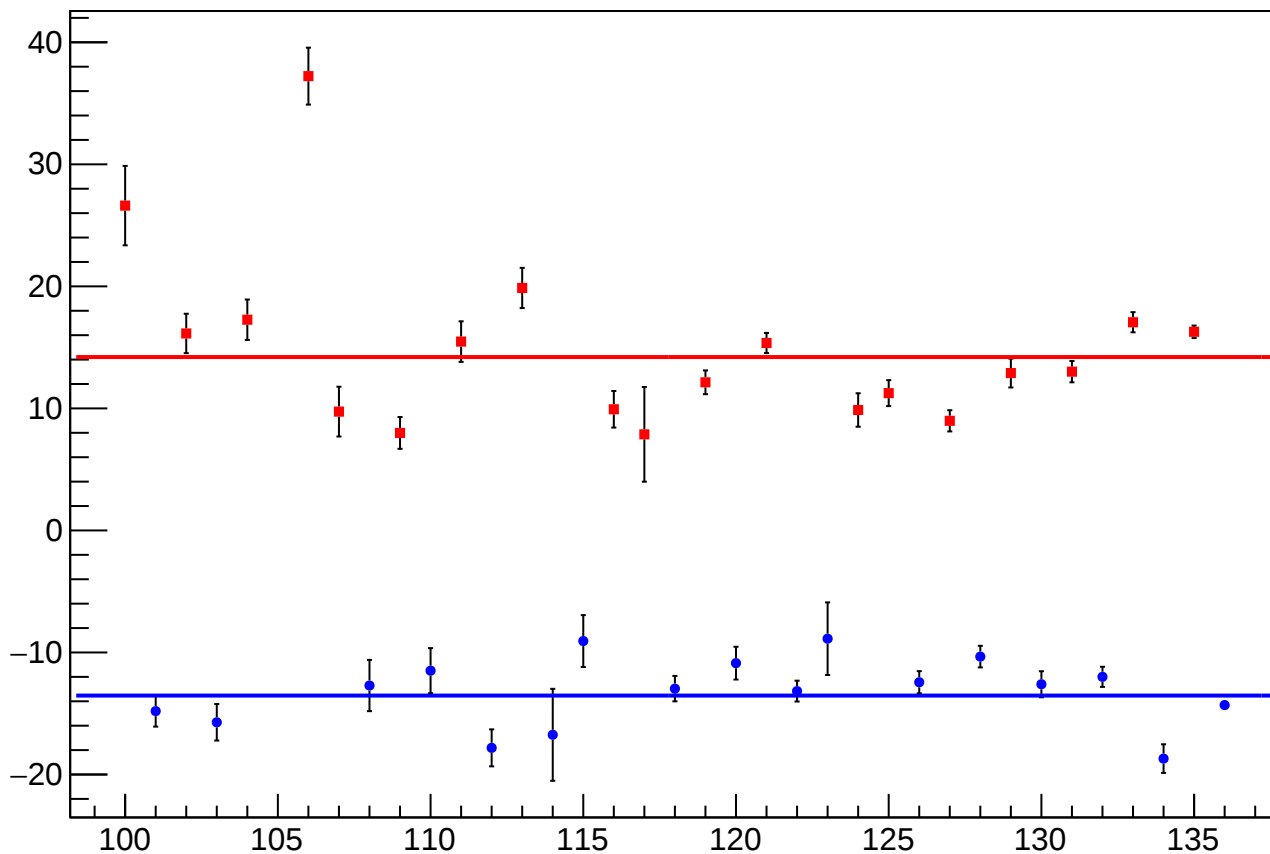
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

929.096+/-0.260 χ^2/NDF : 390292.1/16

945.625+/-0.185 χ^2/NDF : 746533.0/35

962.440+/-0.262 χ^2/NDF : 348087.4/18

reg_asym_sam1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -13.532 ± 0.235 $\chi^2/\text{NDF}: 67.0/16$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 14.208 ± 0.252 $\chi^2/\text{NDF}: 259.4/18$

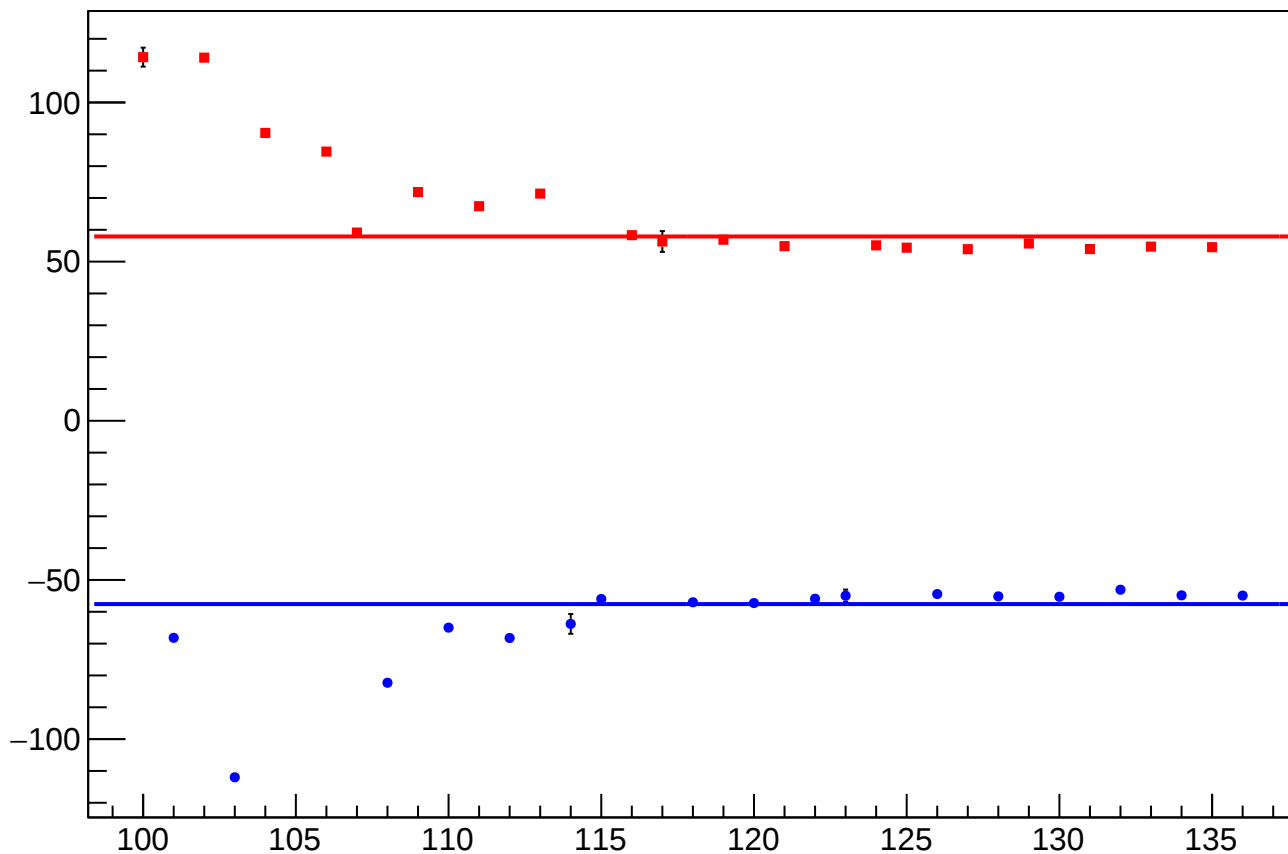
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-13.532 ± 0.235 $\chi^2/\text{NDF}: 67.0/16$

-0.657 ± 0.172 $\chi^2/\text{NDF}: 6796.5/35$

14.208 ± 0.252 $\chi^2/\text{NDF}: 259.4/18$

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.581 ± 0.143 χ^2/NDF : 3455.5/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 57.904 ± 0.148 χ^2/NDF : 4679.2/18

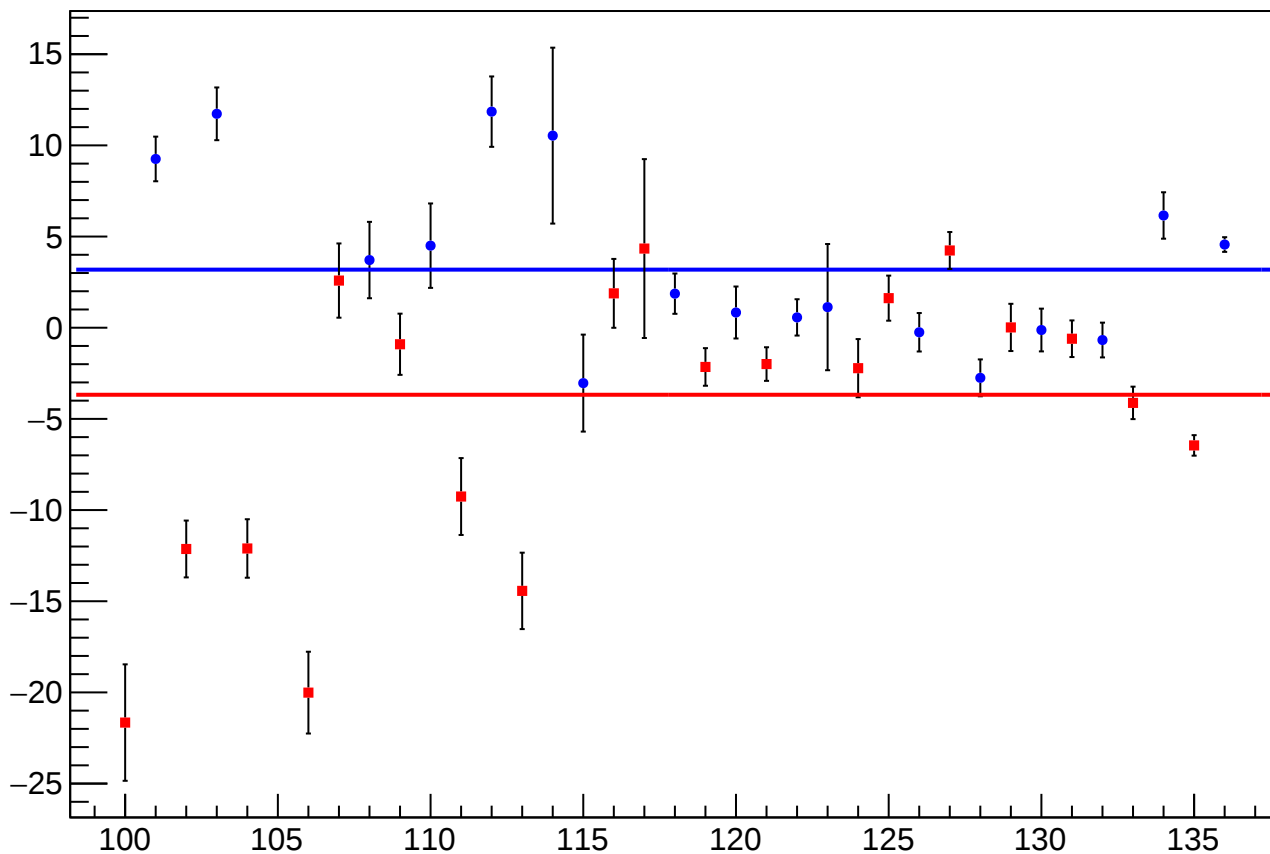
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-57.581 ± 0.143 χ^2/NDF : 3455.5/16

-1.883 ± 0.103 χ^2/NDF : 322476.5/35

57.904 ± 0.148 χ^2/NDF : 4679.2/18

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.185 $\pm$ 0.259 χ^2 /NDF: 185.8/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.677 $\pm$ 0.281 χ^2 /NDF: 326.7/18

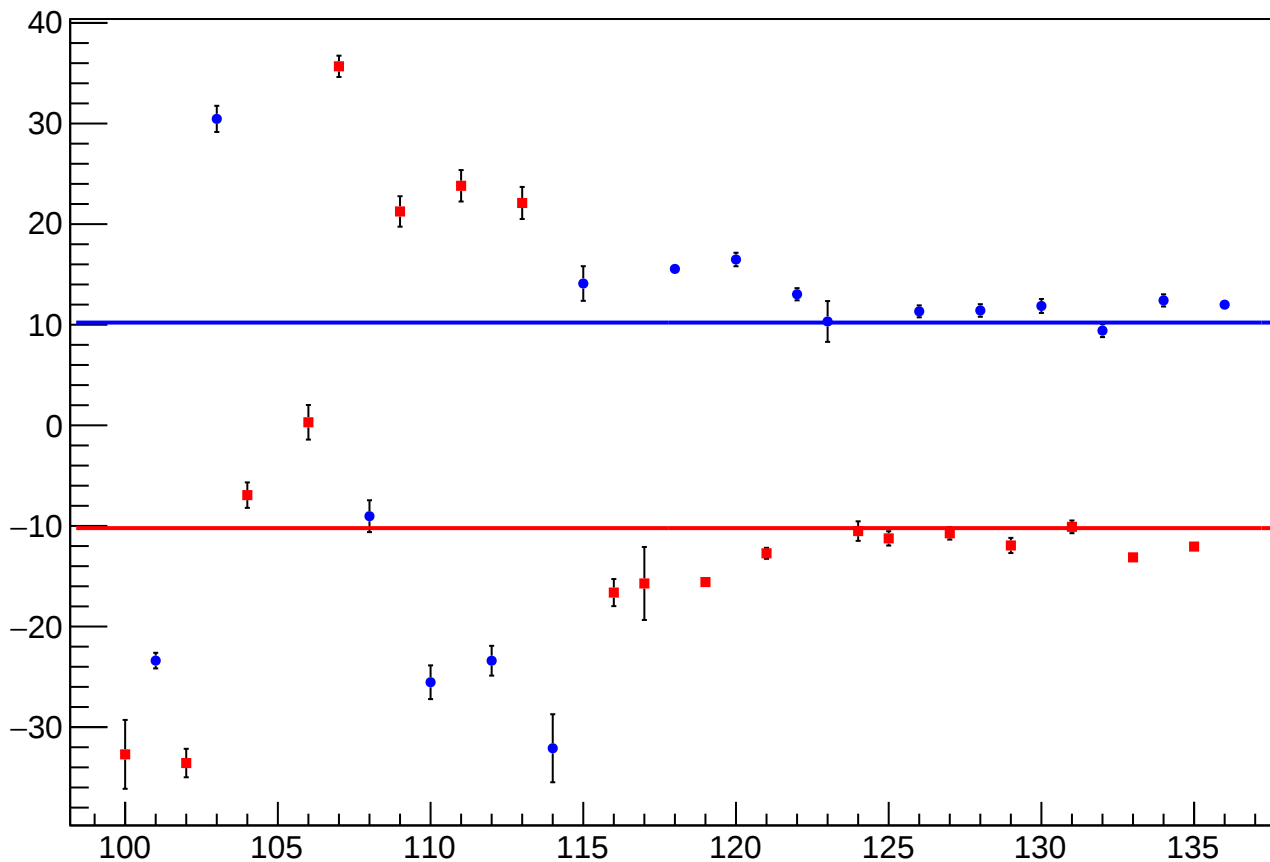
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3.185 $\pm$ 0.259 χ^2 /NDF: 185.8/16

0.039 $\pm$ 0.191 χ^2 /NDF: 834.3/35

-3.677 $\pm$ 0.281 χ^2 /NDF: 326.7/18

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.215+/-0.158 χ^2 /NDF: 3692.6/16

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -10.217+/-0.167 χ^2 /NDF: 3808.6/18

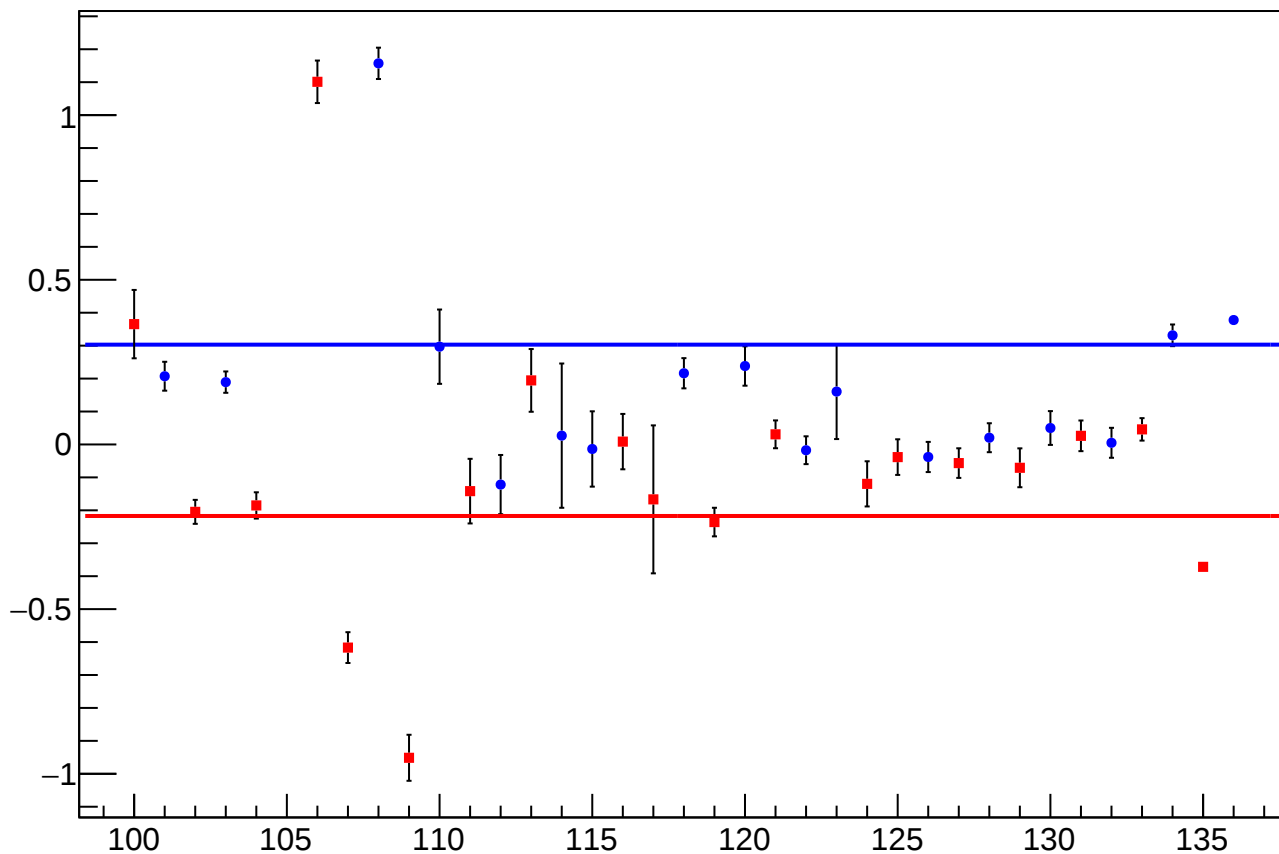
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

10.215+/-0.158 χ^2 /NDF: 3692.6/16

0.576+/-0.115 χ^2 /NDF: 15380.6/35

-10.217+/-0.167 χ^2 /NDF: 3808.6/18

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 646.3/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.217 $\pm$ 0.009 χ^2 /NDF: 940.5/18

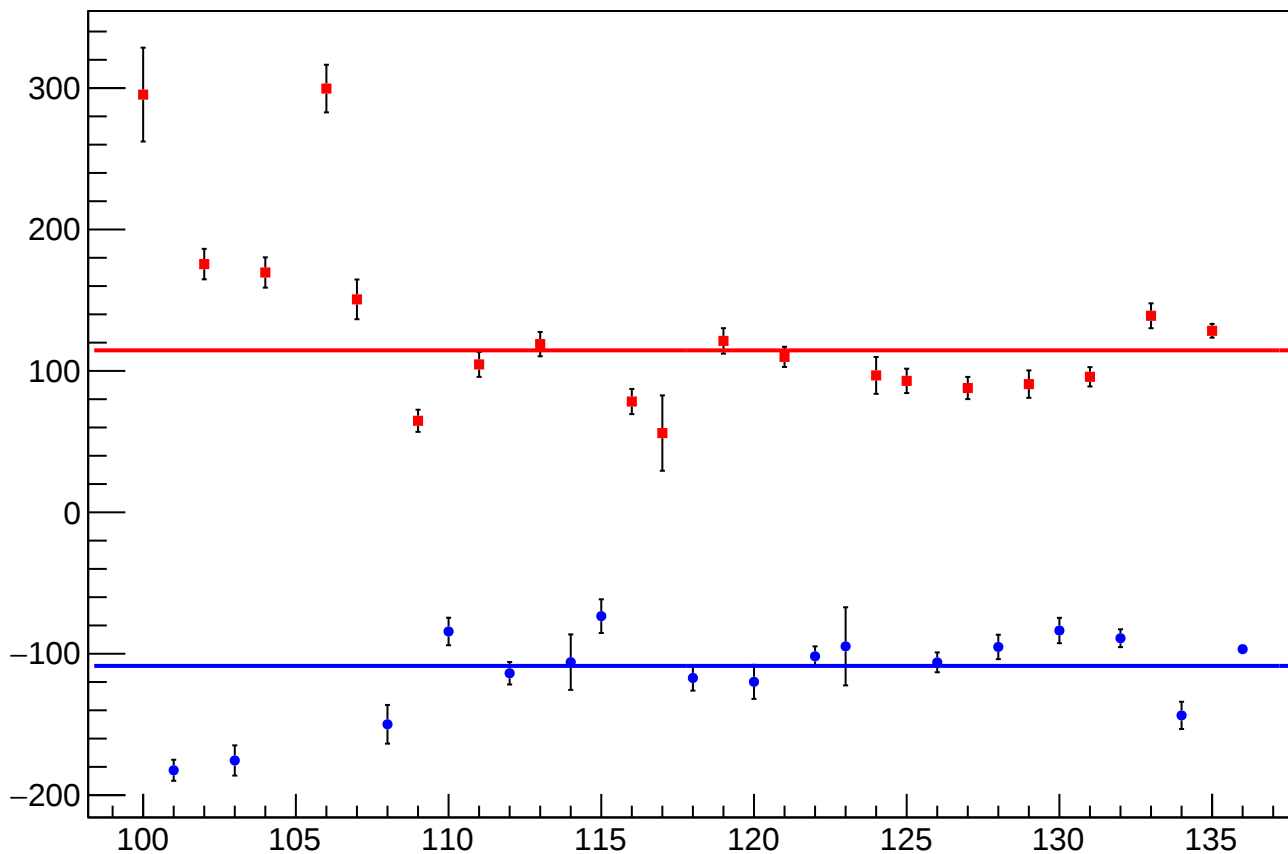
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.303 $\pm$ 0.008 χ^2 /NDF: 646.3/16

0.072 $\pm$ 0.006 χ^2 /NDF: 3368.1/35

-0.217 $\pm$ 0.009 χ^2 /NDF: 940.5/18

reg_asym_sam2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -108.603 ± 1.883 χ^2/NDF : 210.8/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 114.533 ± 2.047 χ^2/NDF : 329.0/18

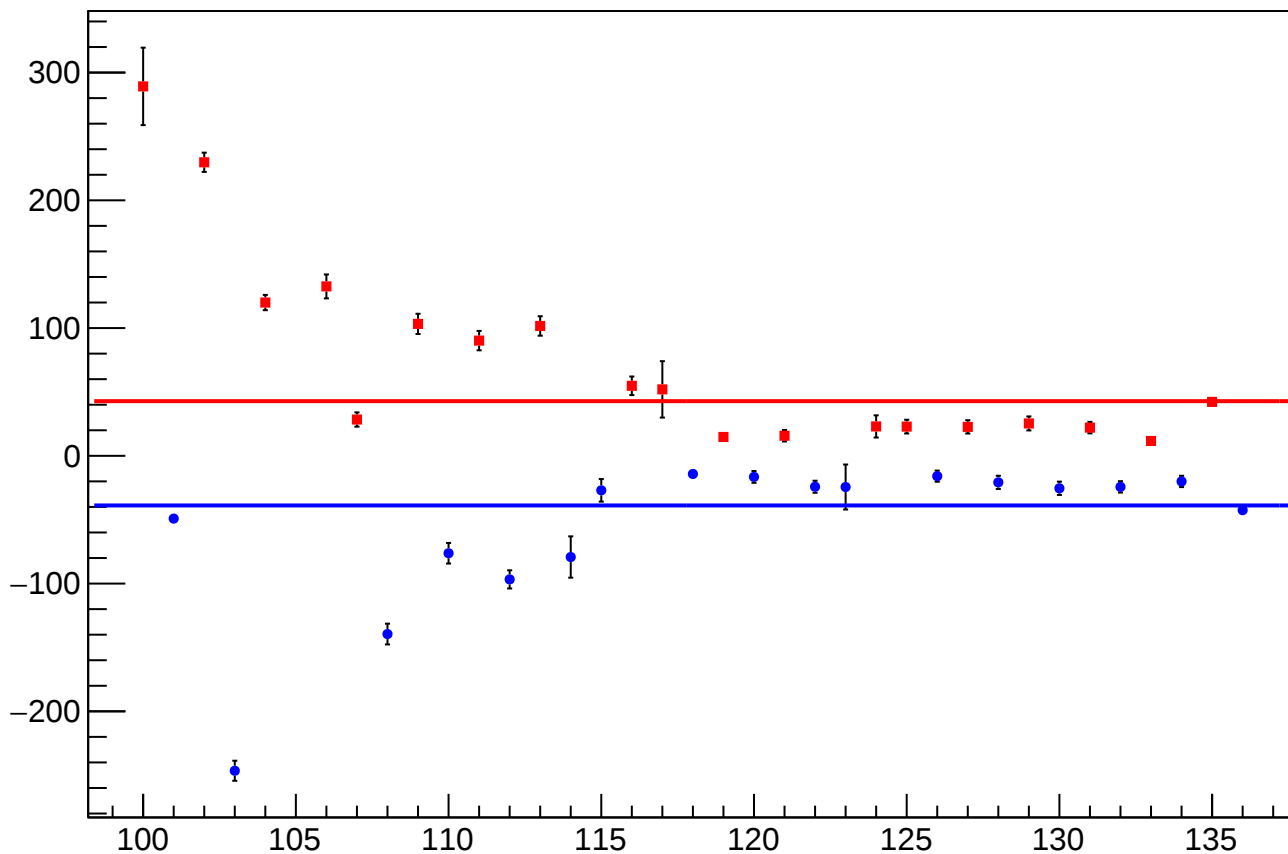
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-108.603 ± 1.883 χ^2/NDF : 210.8/16

-6.347 ± 1.386 χ^2/NDF : 6975.3/35

114.533 ± 2.047 χ^2/NDF : 329.0/18

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.844 ± 1.148 $\chi^2/\text{NDF}: 1121.9/16$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 42.797 ± 1.252 $\chi^2/\text{NDF}: 1345.5/18$

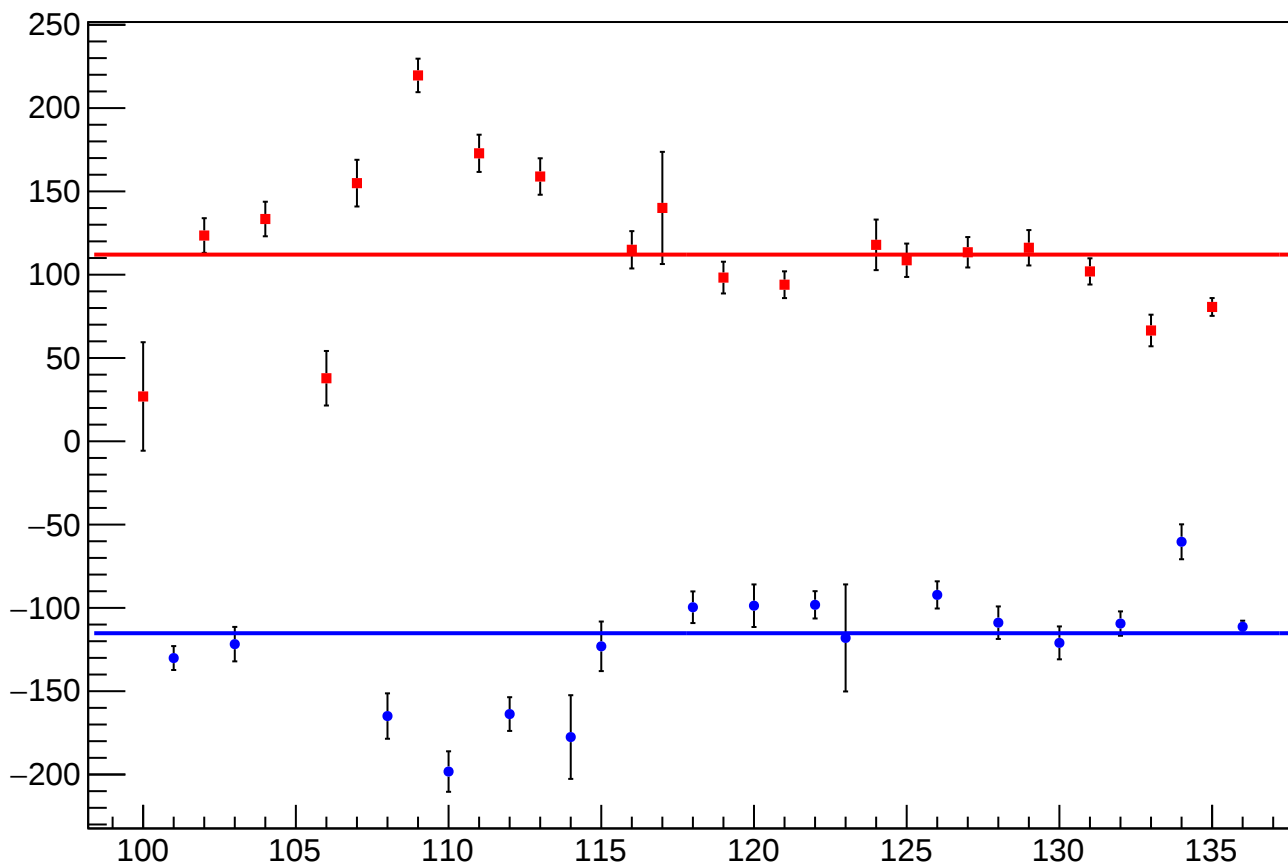
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-38.844 ± 1.148 $\chi^2/\text{NDF}: 1121.9/16$

-1.532 ± 0.846 $\chi^2/\text{NDF}: 4777.6/35$

42.797 ± 1.252 $\chi^2/\text{NDF}: 1345.5/18$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -115.199 ± 2.081 χ^2/NDF : 140.8/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 112.055 ± 2.311 χ^2/NDF : 272.1/18

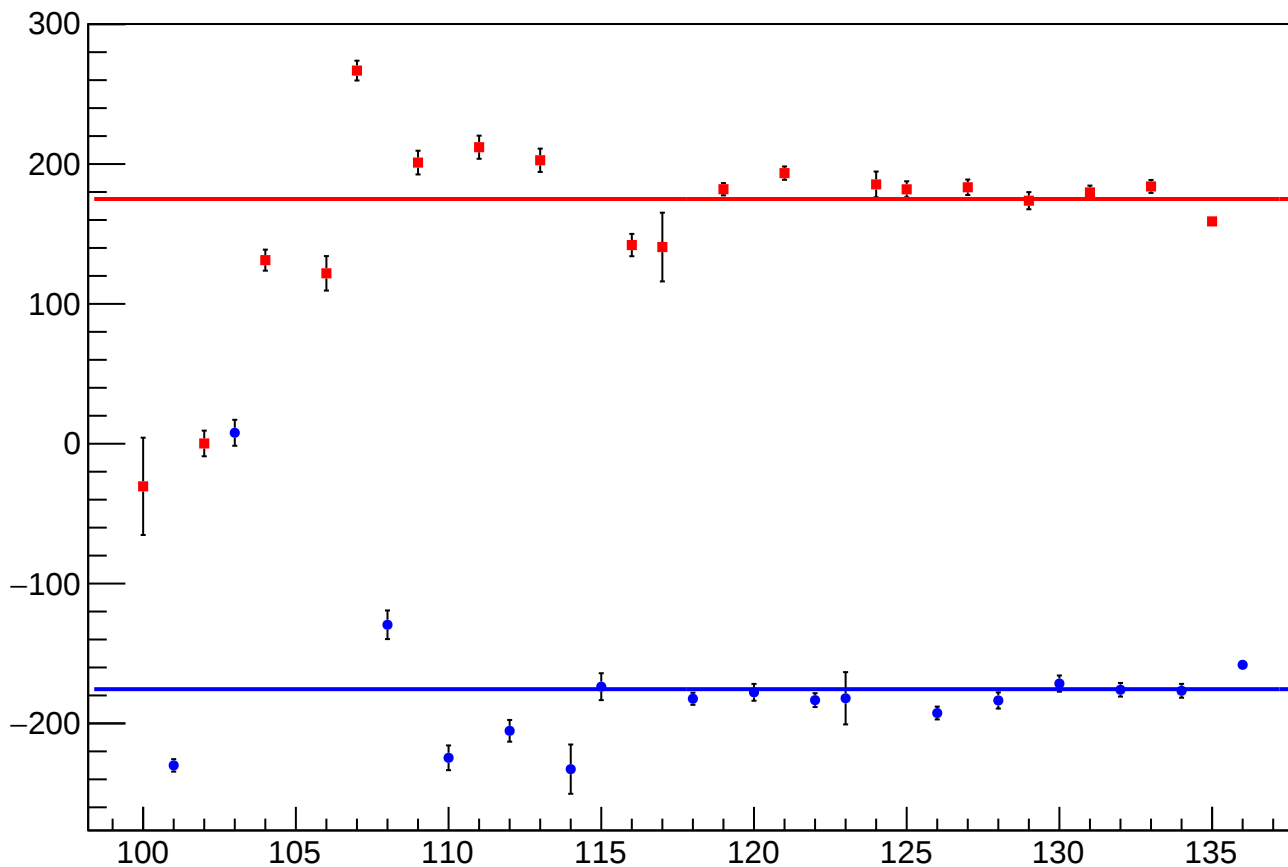
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-115.199 ± 2.081 χ^2/NDF : 140.8/16

-13.398 ± 1.546 χ^2/NDF : 5753.1/35

112.055 ± 2.311 χ^2/NDF : 272.1/18

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.521 ± 1.277 χ^2/NDF : 692.3/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 175.008 ± 1.415 χ^2/NDF : 729.9/18

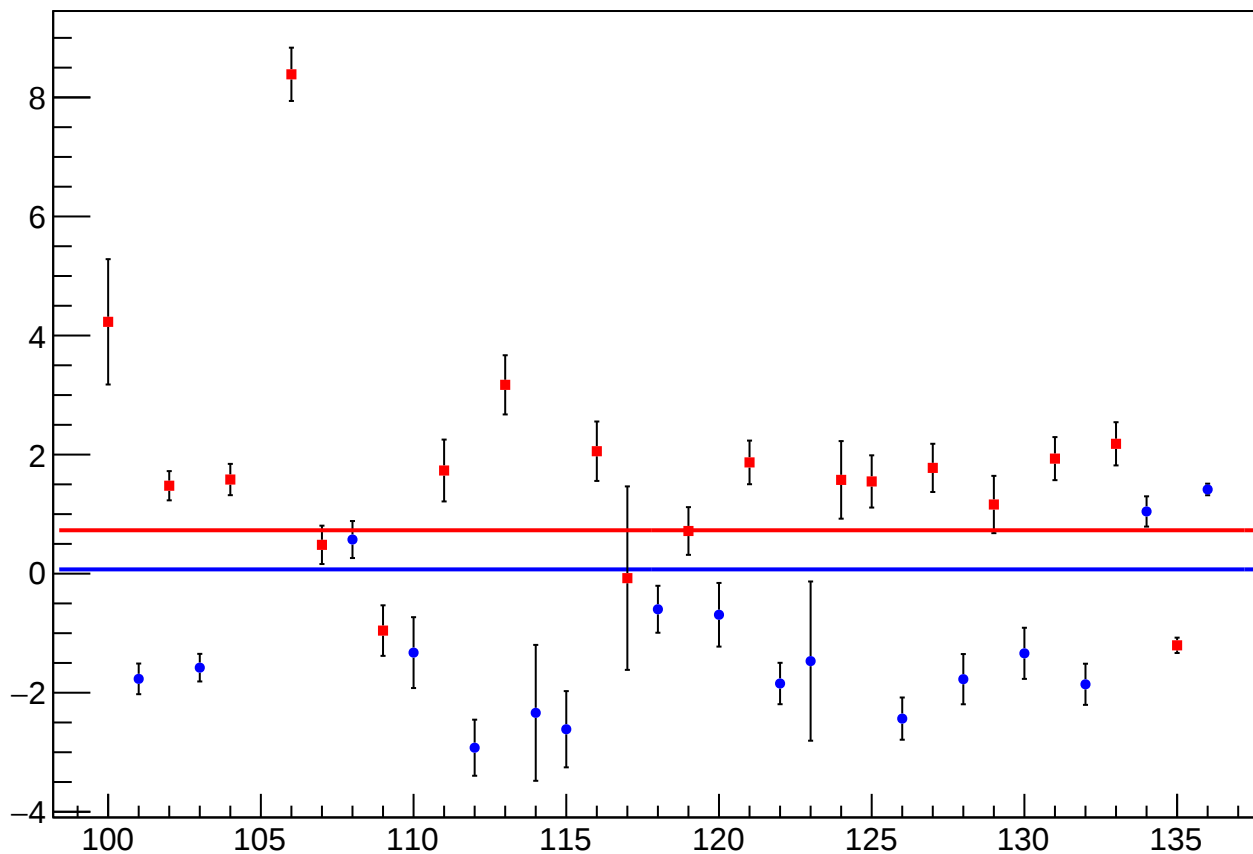
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-175.521 ± 1.277 χ^2/NDF : 692.3/16

-18.106 ± 0.948 χ^2/NDF : 35252.6/35

175.008 ± 1.415 χ^2/NDF : 729.9/18

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.072+/-0.067 χ^2/NDF : 525.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.729+/-0.076 χ^2/NDF : 649.2/18

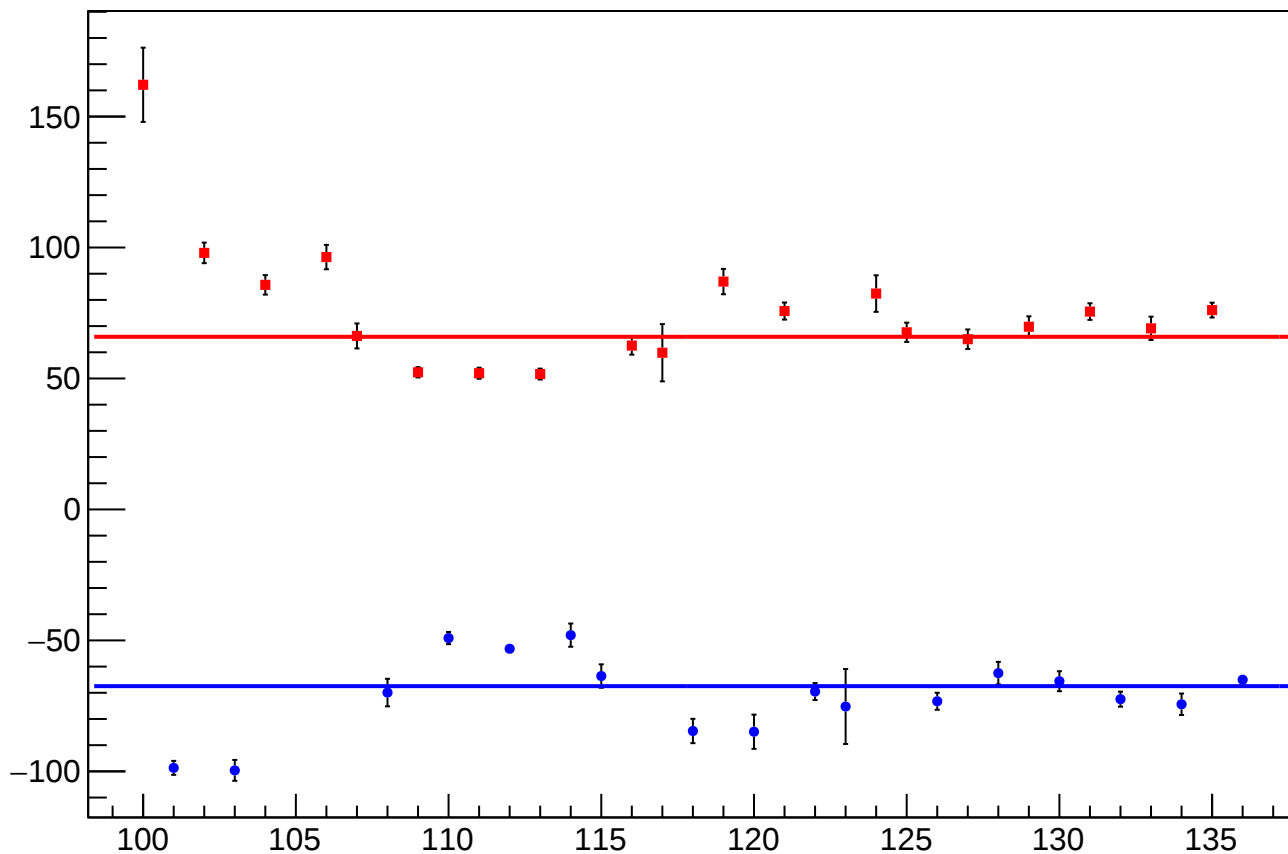
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.072+/-0.067 χ^2/NDF : 525.2/16

0.358+/-0.050 χ^2/NDF : 1216.1/35

0.729+/-0.076 χ^2/NDF : 649.2/18

reg_asym_sam3_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -67.467 ± 0.782 χ^2/NDF : 373.3/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 65.919 ± 0.771 χ^2/NDF : 380.9/18

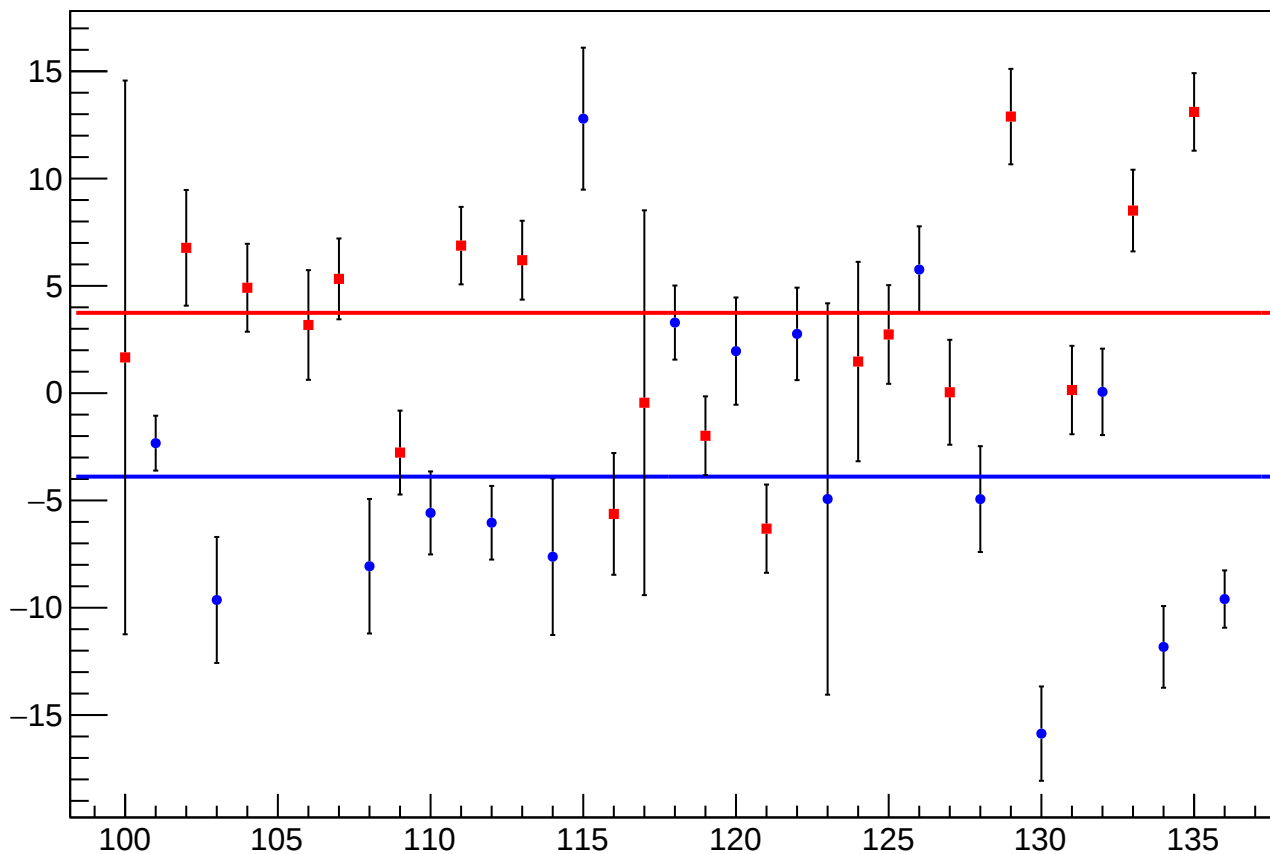
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-67.467 ± 0.782 χ^2/NDF : 373.3/16

0.110 ± 0.549 χ^2/NDF : 15509.1/35

65.919 ± 0.771 χ^2/NDF : 380.9/18

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.890 ± 0.498 $\chi^2/\text{NDF}: 160.5/16$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 3.743 ± 0.515 $\chi^2/\text{NDF}: 118.8/18$

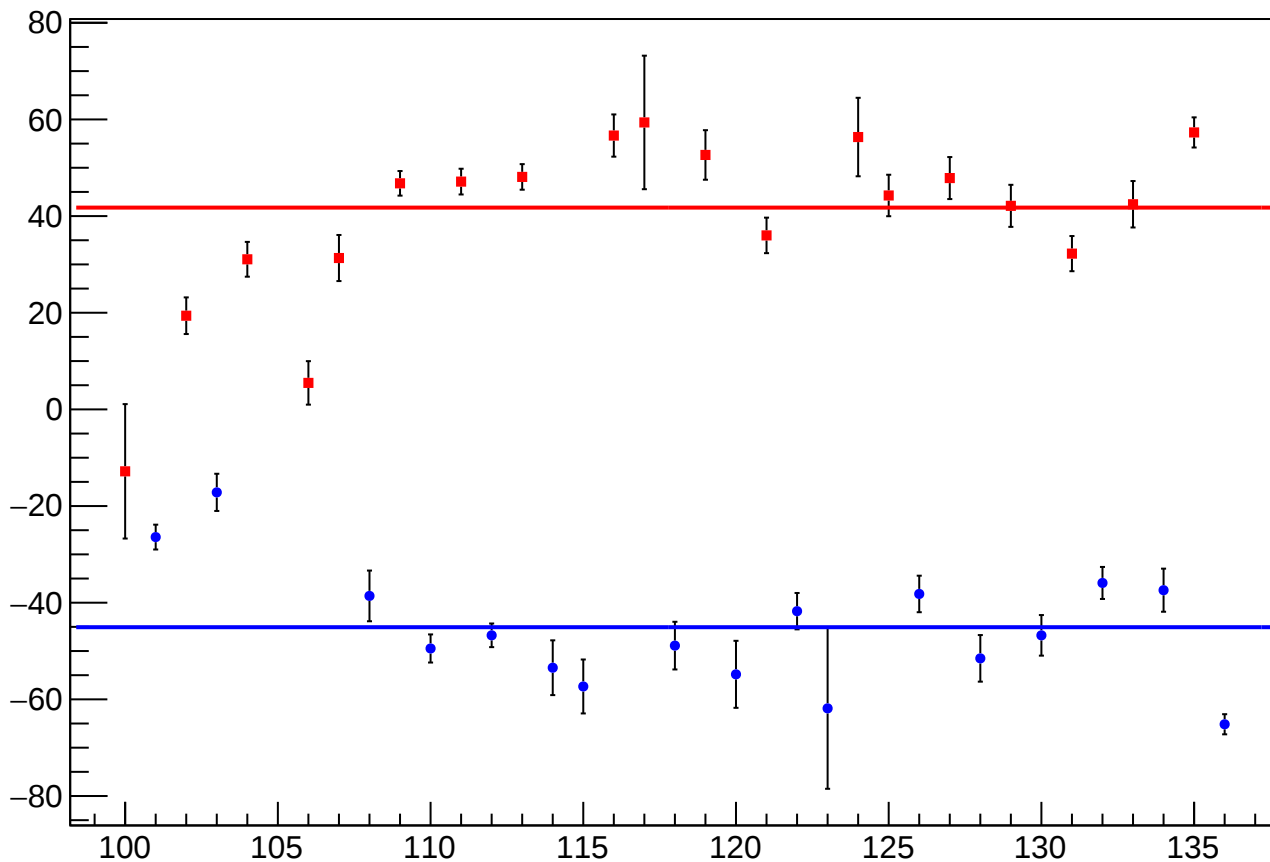
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-3.890 ± 0.498 $\chi^2/\text{NDF}: 160.5/16$

-0.197 ± 0.358 $\chi^2/\text{NDF}: 392.8/35$

3.743 ± 0.515 $\chi^2/\text{NDF}: 118.8/18$

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 41.756 $\pm$ 0.894 χ^2 /NDF: 200.1/18

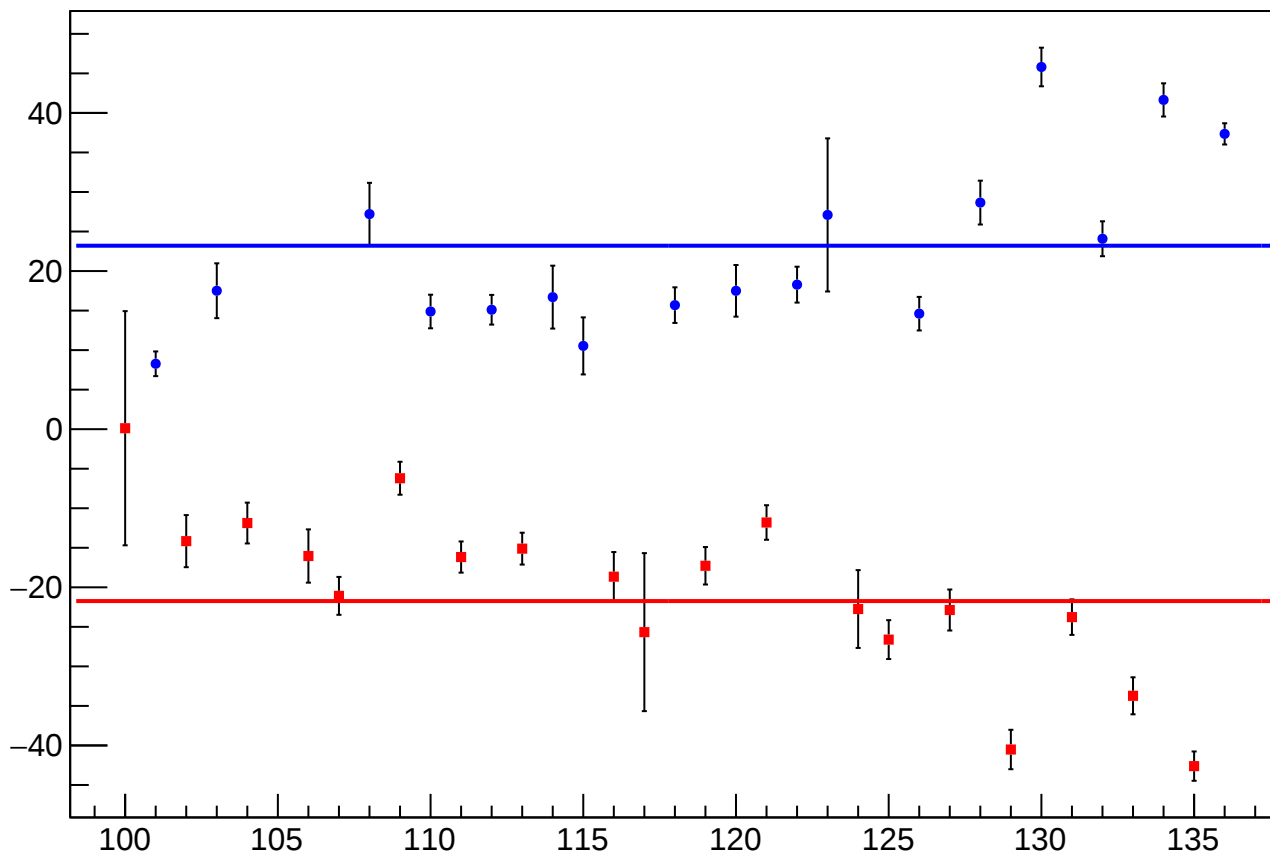
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-45.070 $\pm$ 0.883 χ^2 /NDF: 229.7/16

-2.196 $\pm$ 0.628 χ^2 /NDF: 5200.4/35

41.756 $\pm$ 0.894 χ^2 /NDF: 200.1/18

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -21.739 $\pm$ 0.584 χ^2 /NDF: 339.2/18

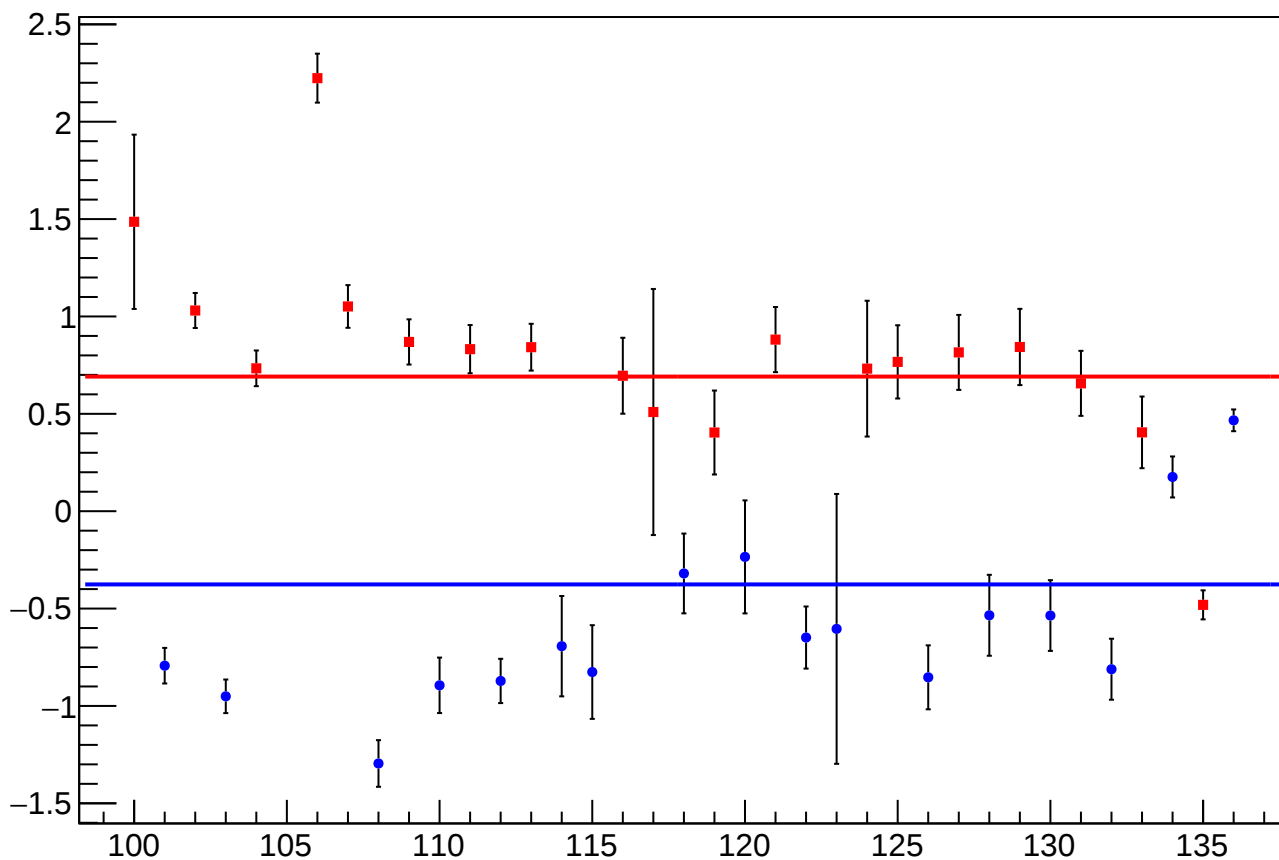
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

23.205 $\pm$ 0.559 χ^2 /NDF: 457.3/16

1.732 $\pm$ 0.404 χ^2 /NDF: 3888.4/35

-21.739 $\pm$ 0.584 χ^2 /NDF: 339.2/18

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: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.691 ± 0.031 $\chi^2/\text{NDF}: 436.3/18$

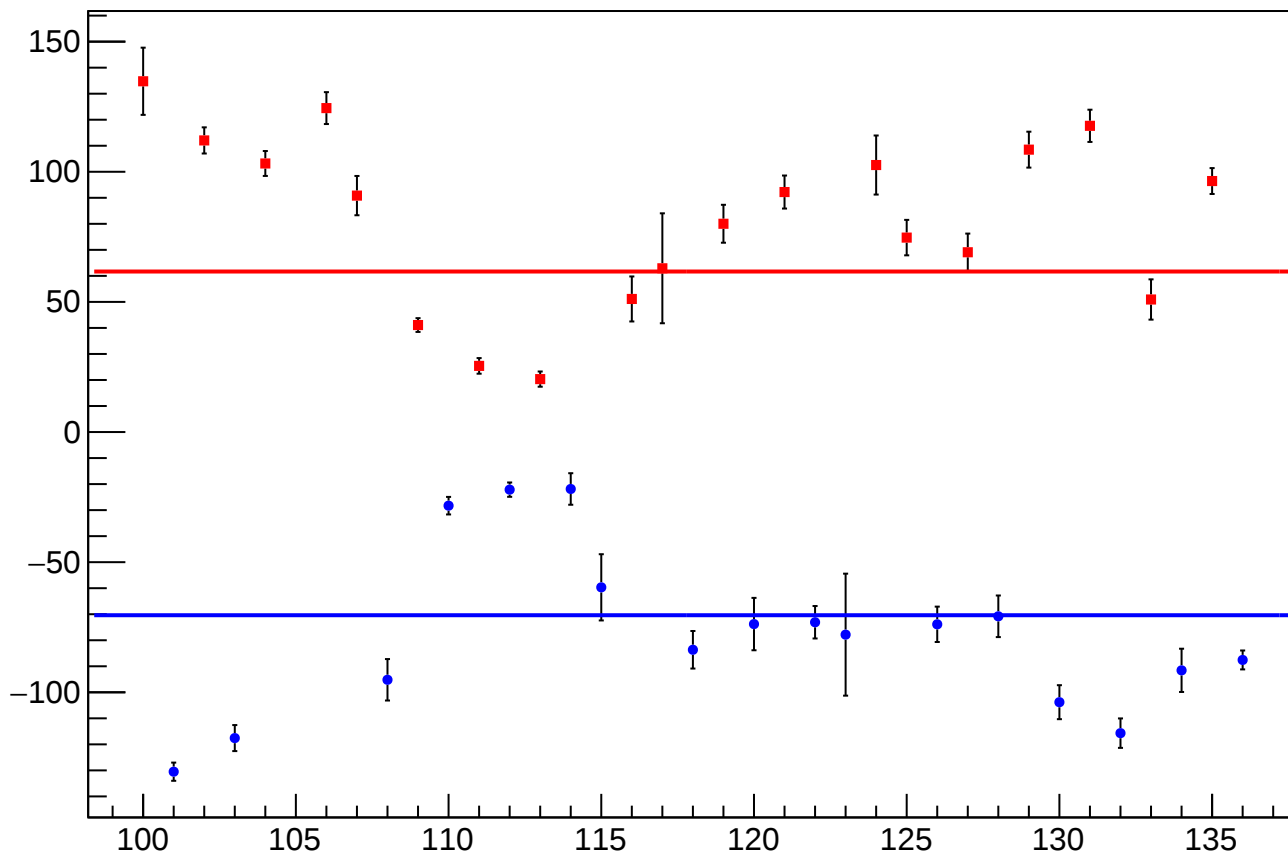
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.376 ± 0.030 $\chi^2/\text{NDF}: 437.3/16$

0.138 ± 0.022 $\chi^2/\text{NDF}: 1478.2/35$

0.691 ± 0.031 $\chi^2/\text{NDF}: 436.3/18$

reg_asym_sam4_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -70.382 ± 1.260 $\chi^2/\text{NDF}: 1045.7/16$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 61.676 ± 1.181 $\chi^2/\text{NDF}: 961.4/18$

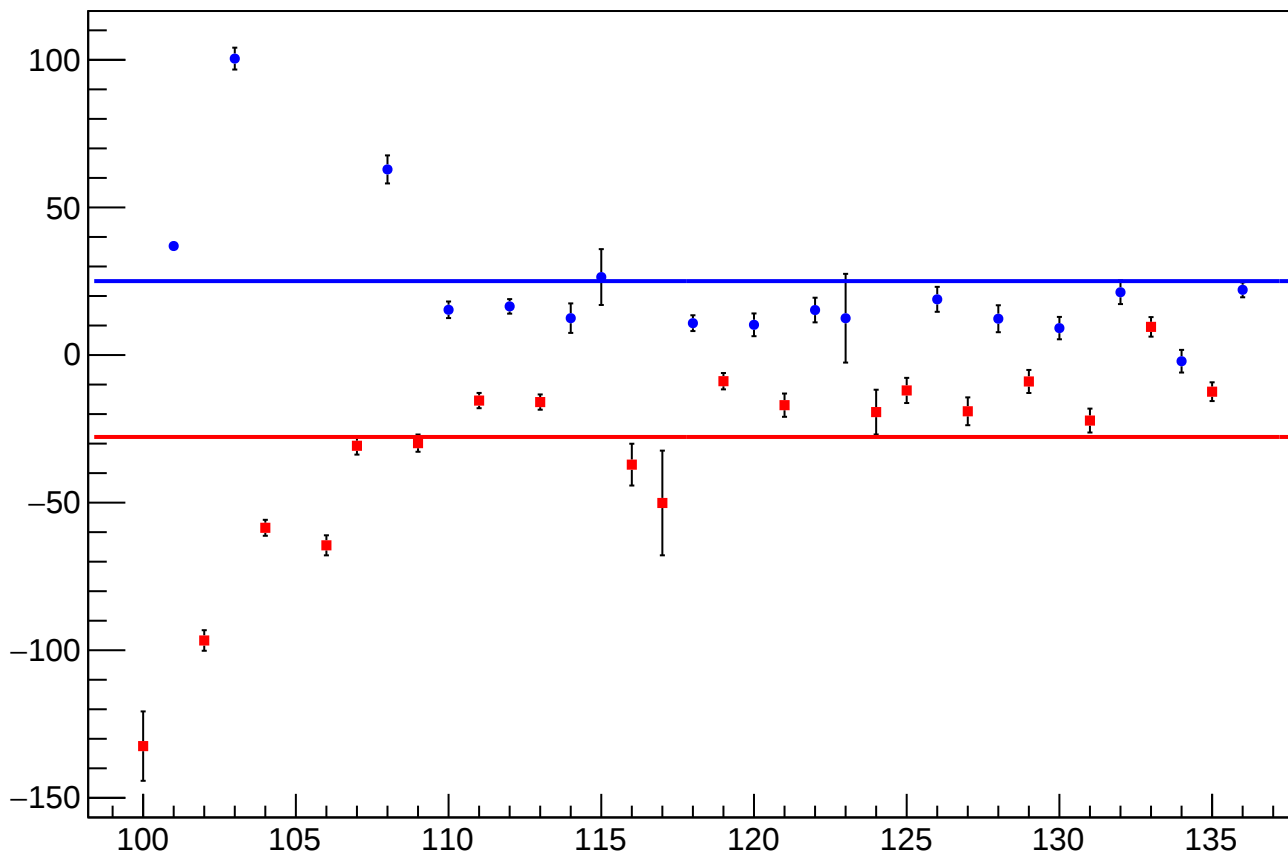
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-70.382 ± 1.260 $\chi^2/\text{NDF}: 1045.7/16$

-0.098 ± 0.862 $\chi^2/\text{NDF}: 7853.2/35$

61.676 ± 1.181 $\chi^2/\text{NDF}: 961.4/18$

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 25.045+/-0.806 χ^2 /NDF: 686.4/16

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -27.751+/-0.818 χ^2 /NDF: 1013.3/18

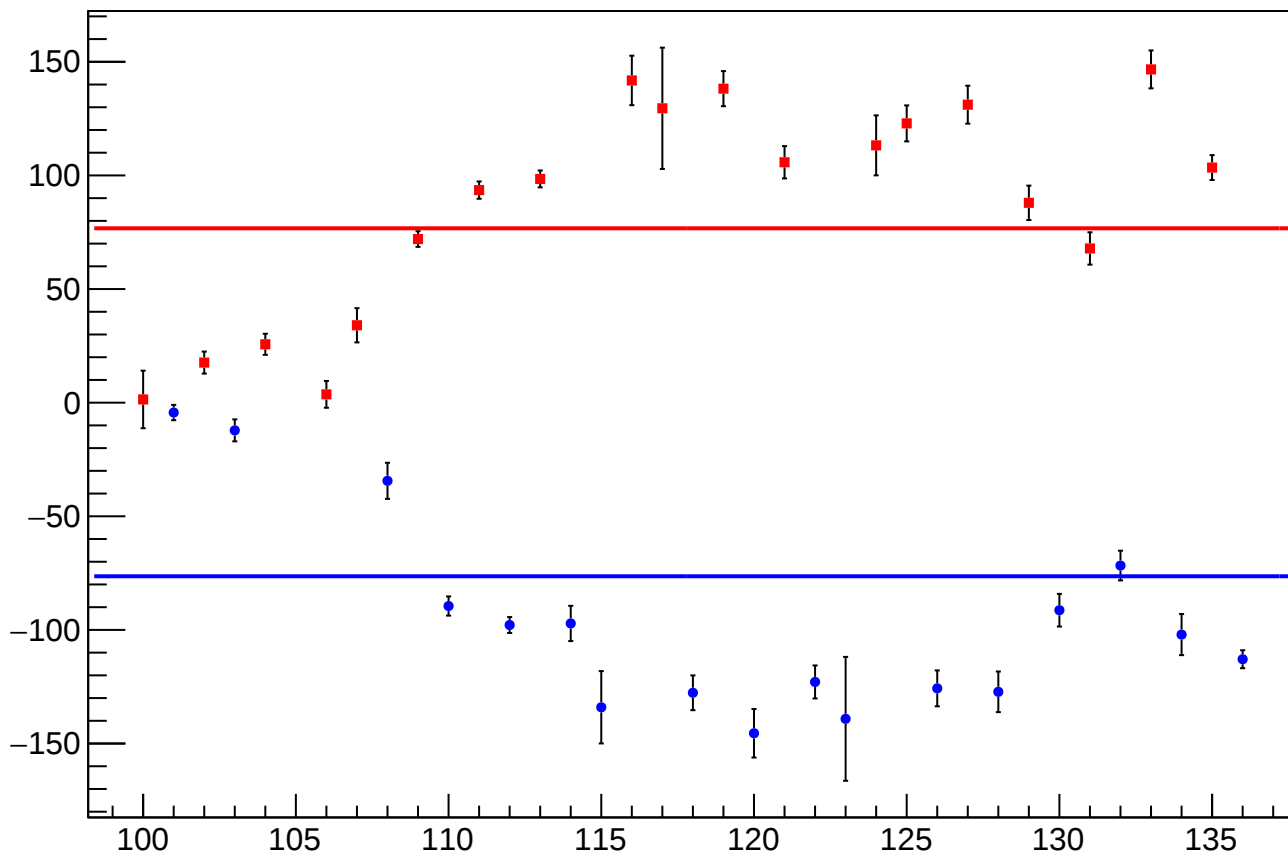
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

25.045+/-0.806 χ^2 /NDF: 686.4/16

-0.961+/-0.574 χ^2 /NDF: 3811.8/35

-27.751+/-0.818 χ^2 /NDF: 1013.3/18

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.392 ± 1.416 χ^2/NDF : 1031.9/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 76.736 ± 1.368 χ^2/NDF : 847.6/18

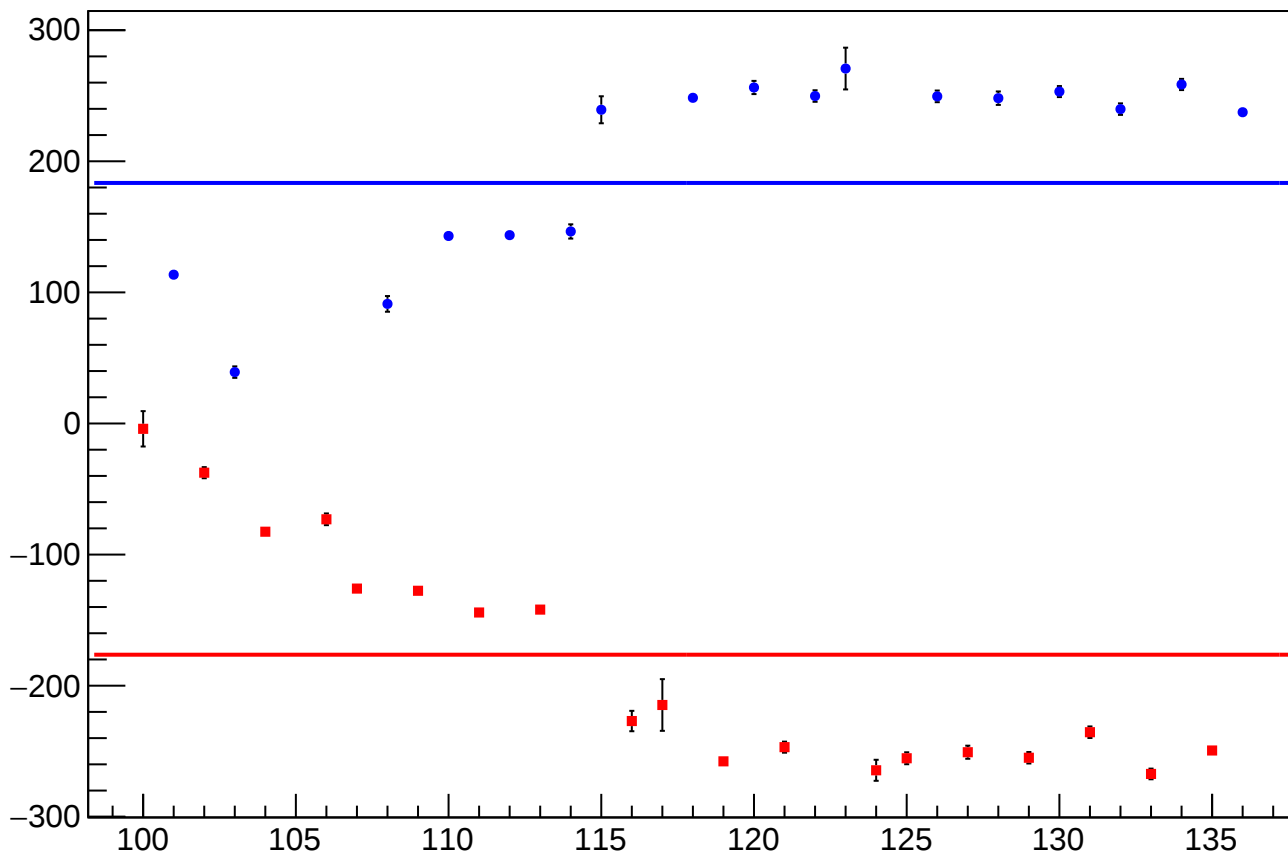
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-76.392 ± 1.416 χ^2/NDF : 1031.9/16

2.813 ± 0.984 χ^2/NDF : 7926.5/35

76.736 ± 1.368 χ^2/NDF : 847.6/18

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 183.478+/-0.919 χ^2/NDF : 5331.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -176.370+/-0.936 χ^2/NDF : 6230.1/18

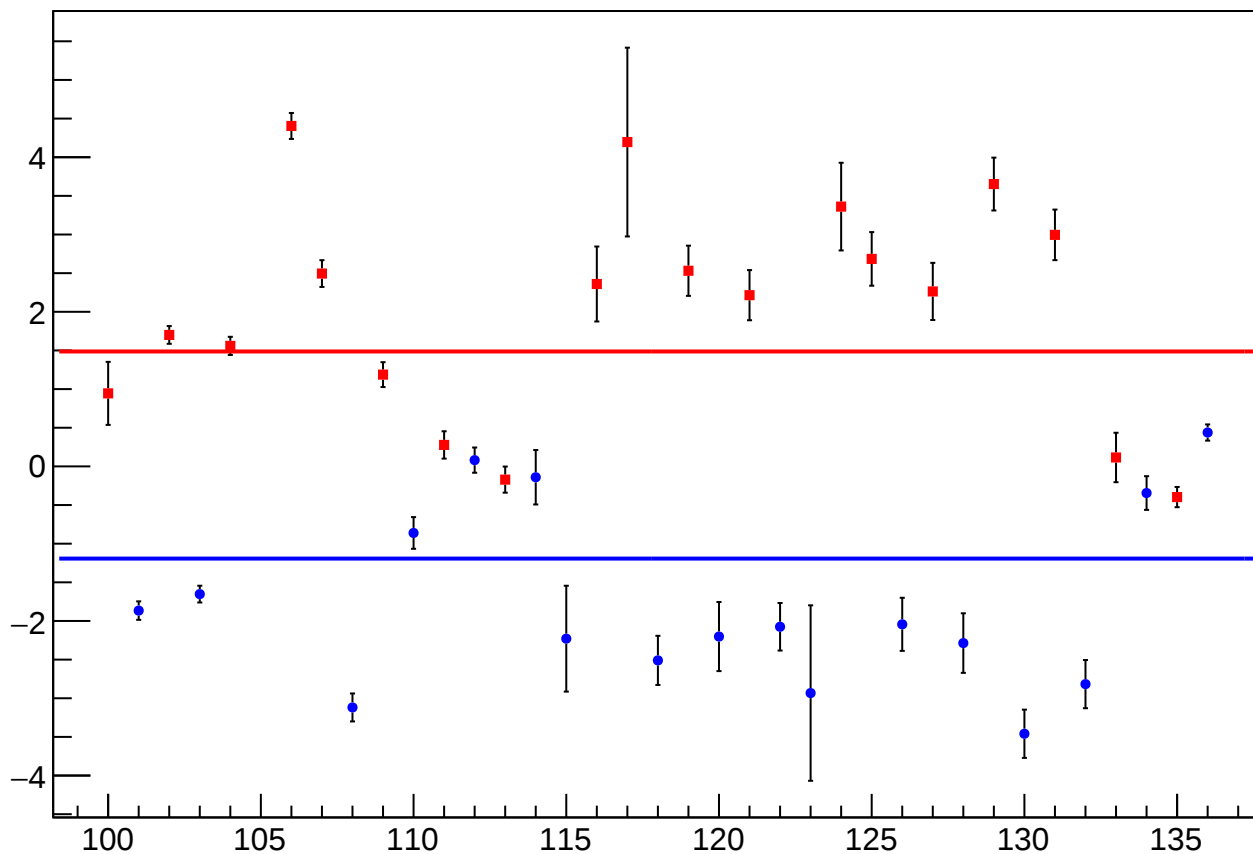
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

183.478+/-0.919 χ^2/NDF : 5331.4/16

6.984+/-0.656 χ^2/NDF : 86824.4/35

-176.370+/-0.936 χ^2/NDF : 6230.1/18

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.193+/-0.048 χ^2/NDF : 621.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.487+/-0.047 χ^2/NDF : 825.5/18

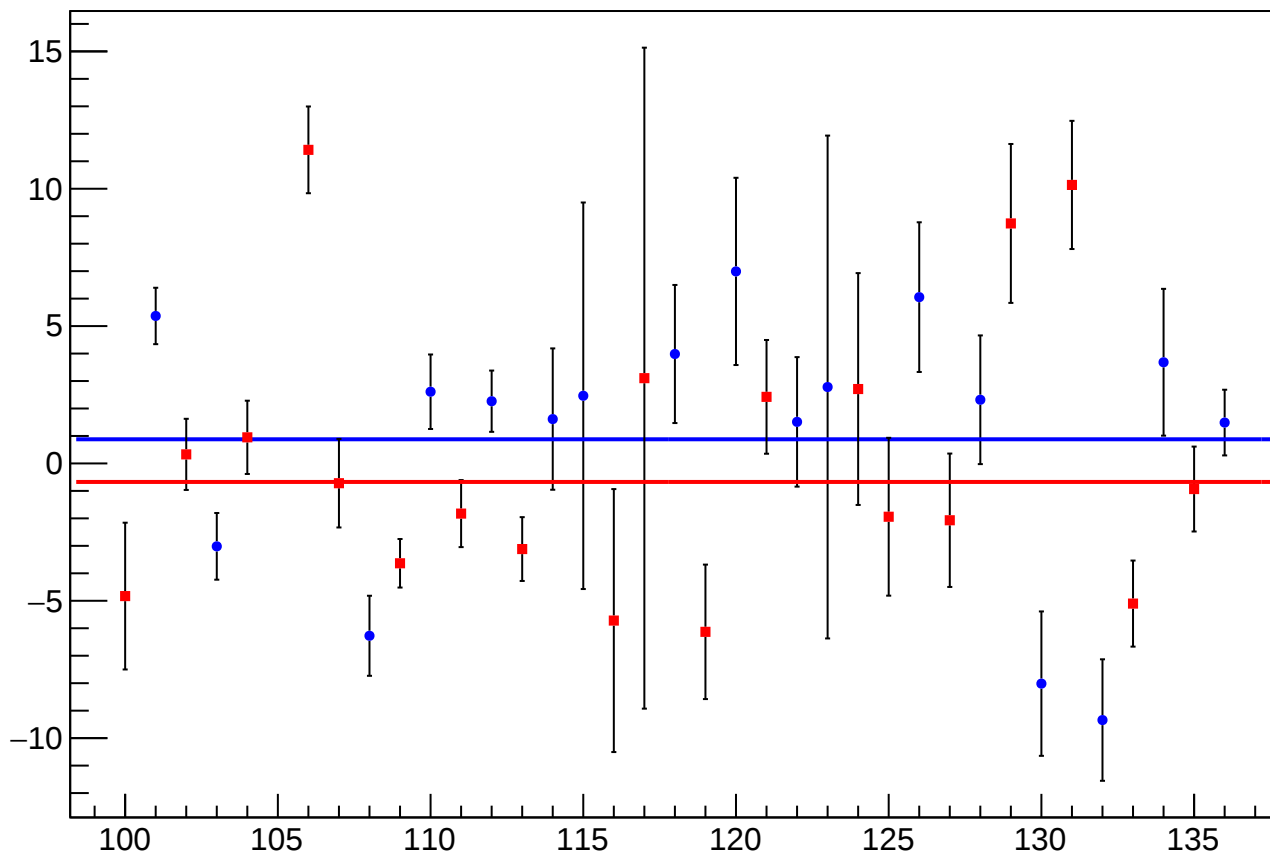
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.193+/-0.048 χ^2/NDF : 621.7/16

0.187+/-0.034 χ^2/NDF : 3041.4/35

1.487+/-0.047 χ^2/NDF : 825.5/18

reg_asym_sam5_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 0.879 ± 0.424 χ^2/NDF : 99.8/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.674 ± 0.386 χ^2/NDF : 129.3/18

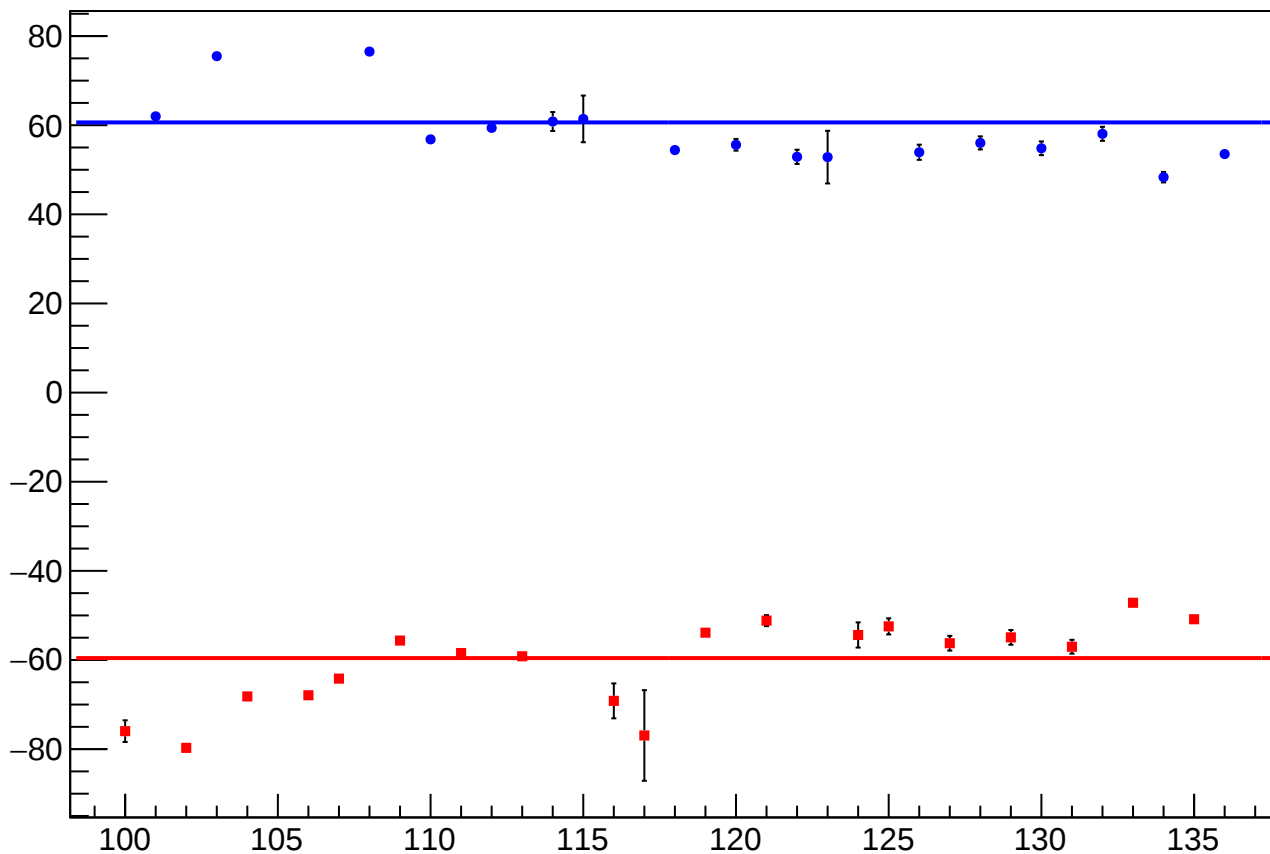
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.879 ± 0.424 χ^2/NDF : 99.8/16

0.030 ± 0.286 χ^2/NDF : 236.5/35

-0.674 ± 0.386 χ^2/NDF : 129.3/18

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.625+/-0.263 χ^2 /NDF: 924.6/16

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -59.573+/-0.250 χ^2 /NDF: 1313.3/18

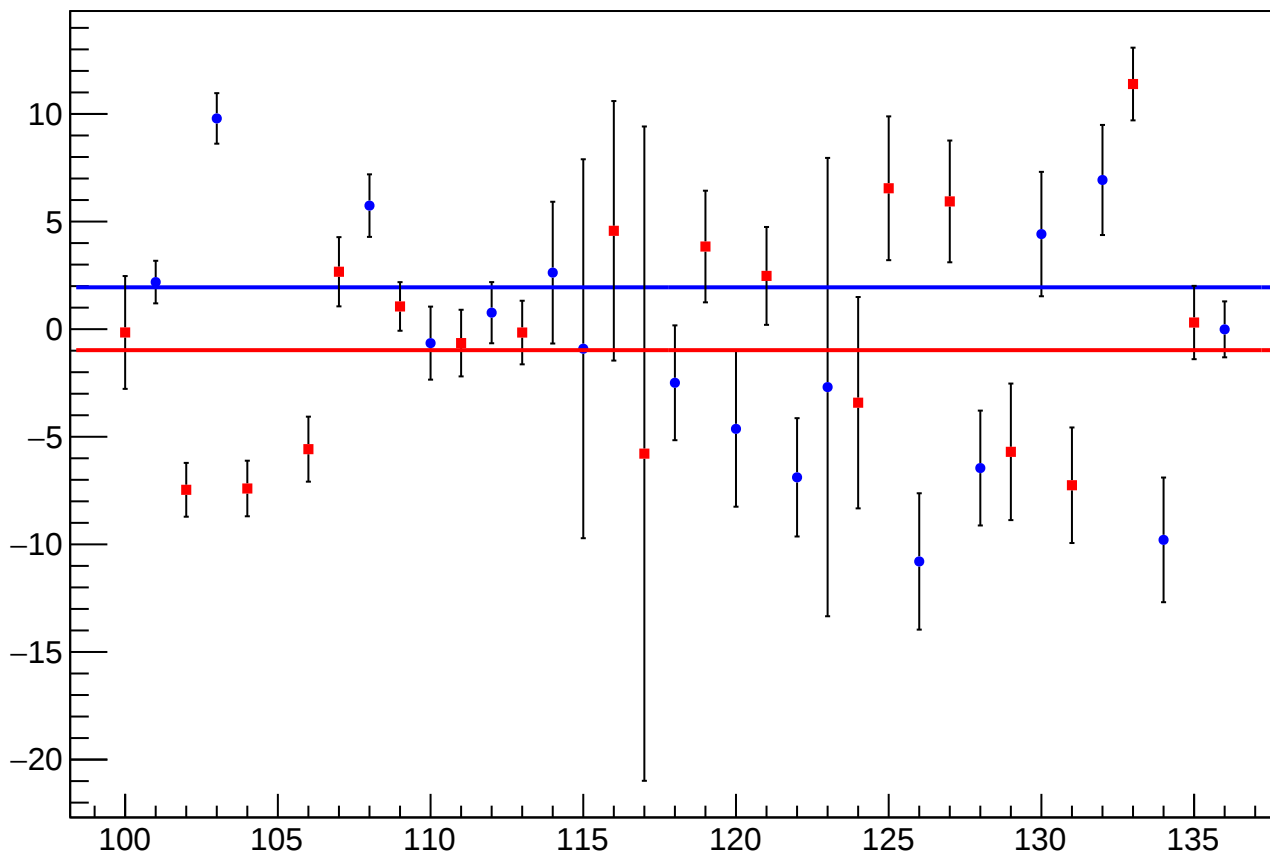
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

60.625+/-0.263 χ^2 /NDF: 924.6/16

-2.496+/-0.181 χ^2 /NDF: 111895.5/35

-59.573+/-0.250 χ^2 /NDF: 1313.3/18

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.945 $\pm$ 0.459 χ^2 /NDF: 120.6/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.975 $\pm$ 0.429 χ^2 /NDF: 149.6/18

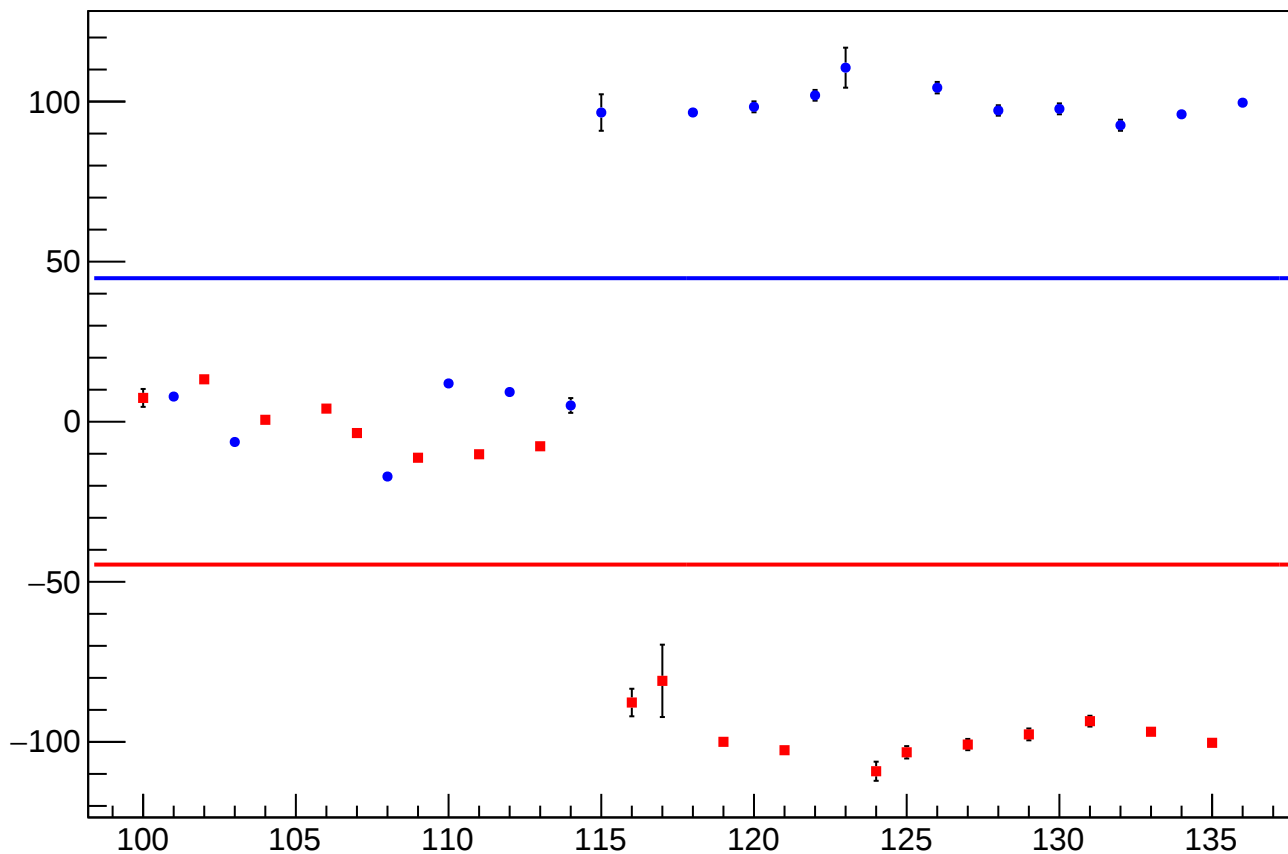
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.945 $\pm$ 0.459 χ^2 /NDF: 120.6/16

0.387 $\pm$ 0.313 χ^2 /NDF: 291.8/35

-0.975 $\pm$ 0.429 χ^2 /NDF: 149.6/18

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 44.829+/-0.305 χ^2/NDF : 24763.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -44.617+/-0.293 χ^2/NDF : 27319.8/18

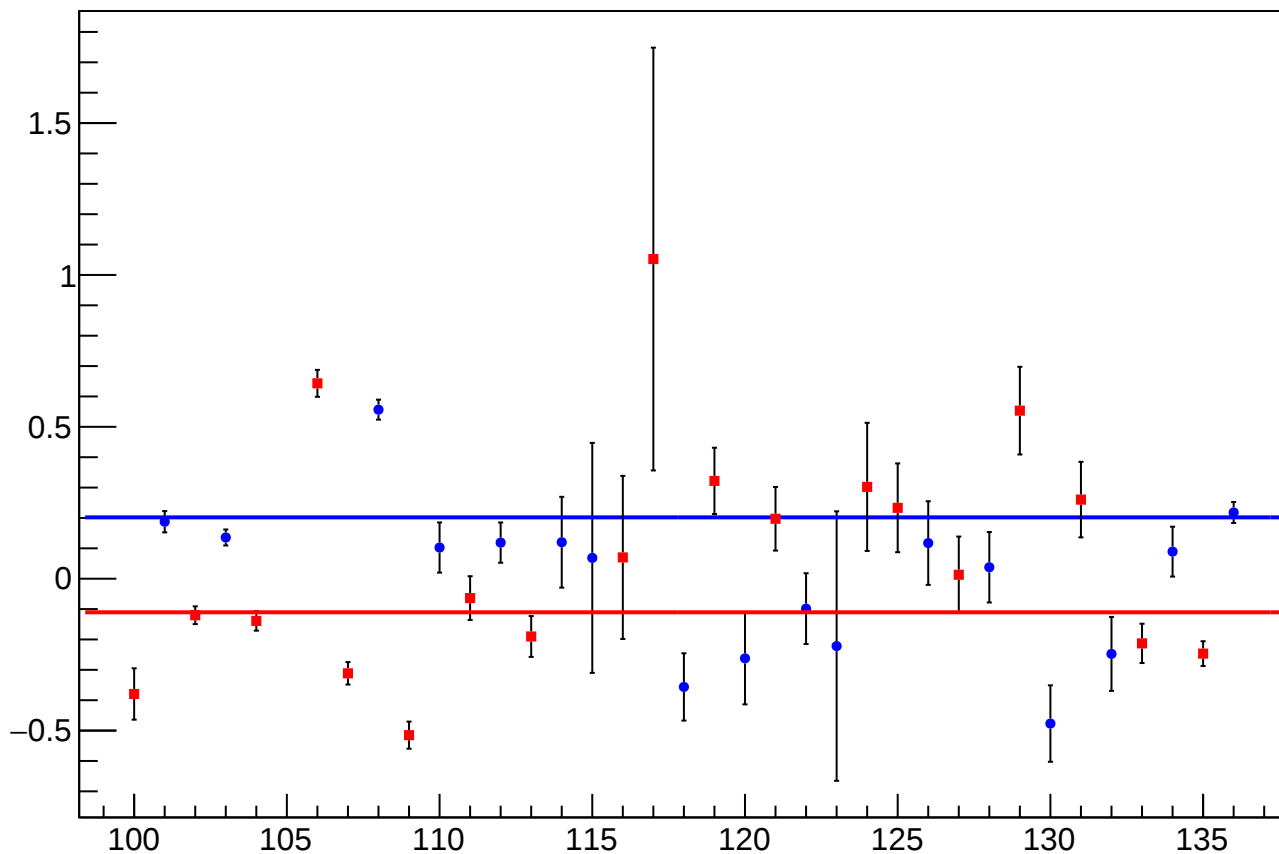
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

44.829+/-0.305 χ^2/NDF : 24763.1/16

-1.615+/-0.211 χ^2/NDF : 96842.2/35

-44.617+/-0.293 χ^2/NDF : 27319.8/18

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 $\pm$ 0.014 χ^2 /NDF: 216.0/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.111 $\pm$ 0.013 χ^2 /NDF: 495.2/18

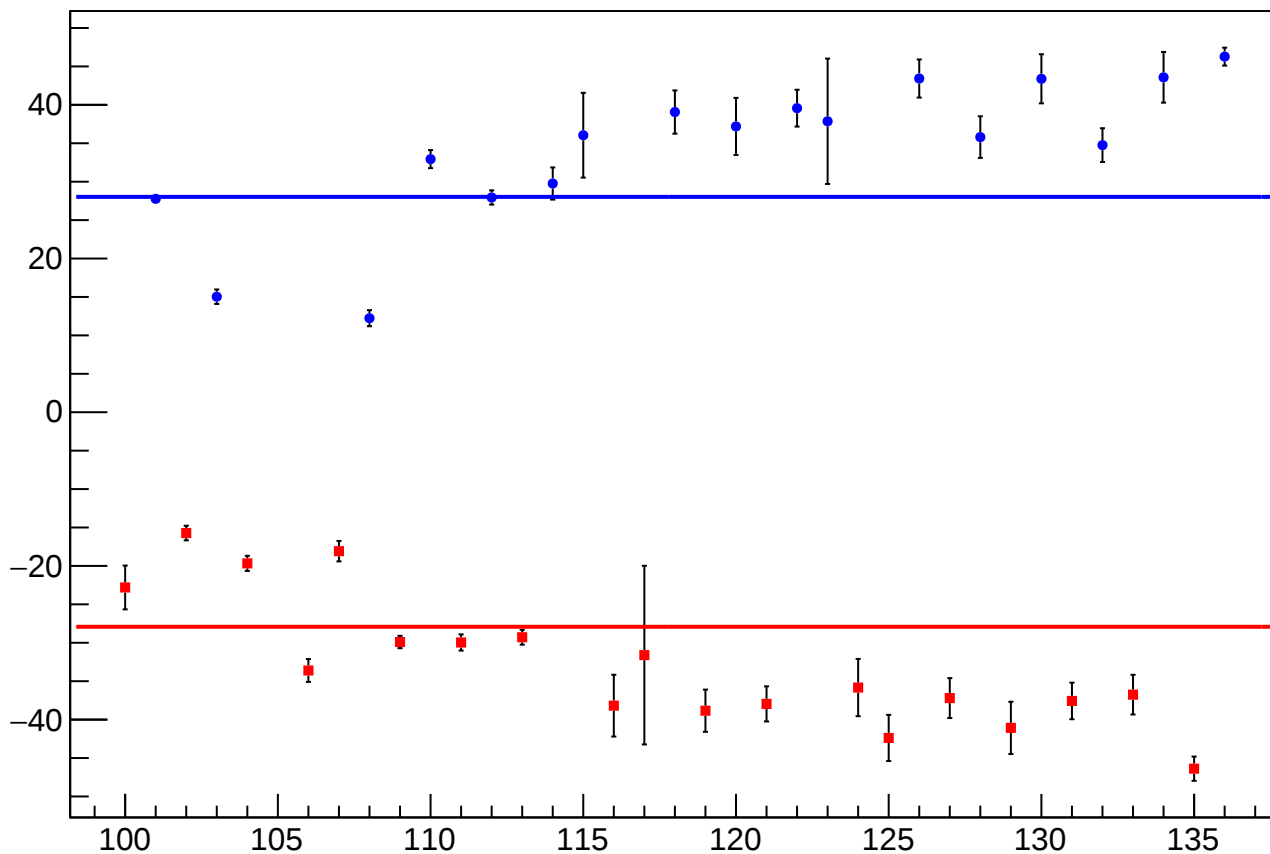
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.202 $\pm$ 0.014 χ^2 /NDF: 216.0/16

0.036 $\pm$ 0.010 χ^2 /NDF: 973.4/35

-0.111 $\pm$ 0.013 χ^2 /NDF: 495.2/18

reg_asym_sam6_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 28.025+/-0.345 χ^2/NDF : 831.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -27.919+/-0.346 χ^2/NDF : 581.1/18

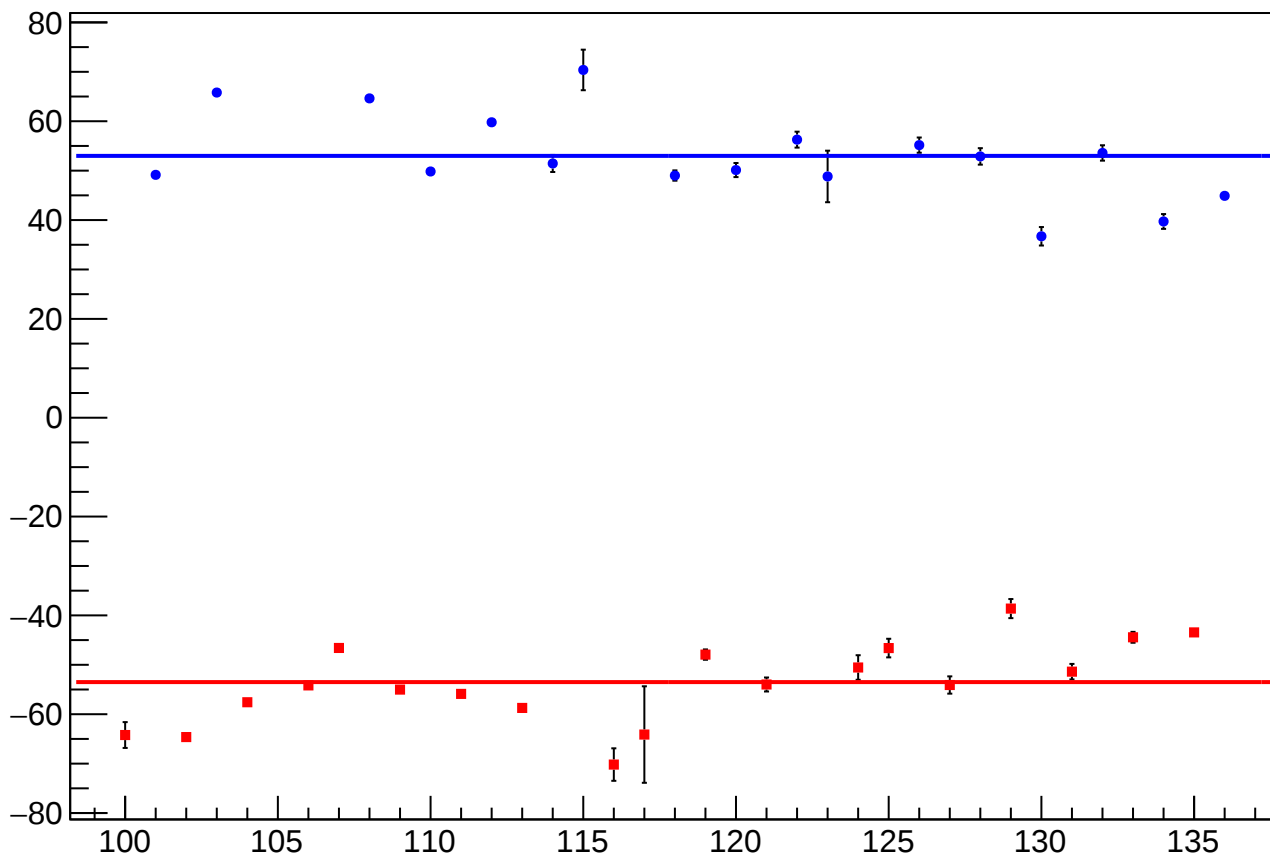
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

28.025+/-0.345 χ^2/NDF : 831.0/16

0.179+/-0.244 χ^2/NDF : 14518.9/35

-27.919+/-0.346 χ^2/NDF : 581.1/18

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.989 $\pm$ 0.211 χ^2 /NDF: 1198.0/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -53.500 $\pm$ 0.229 χ^2 /NDF: 843.7/18

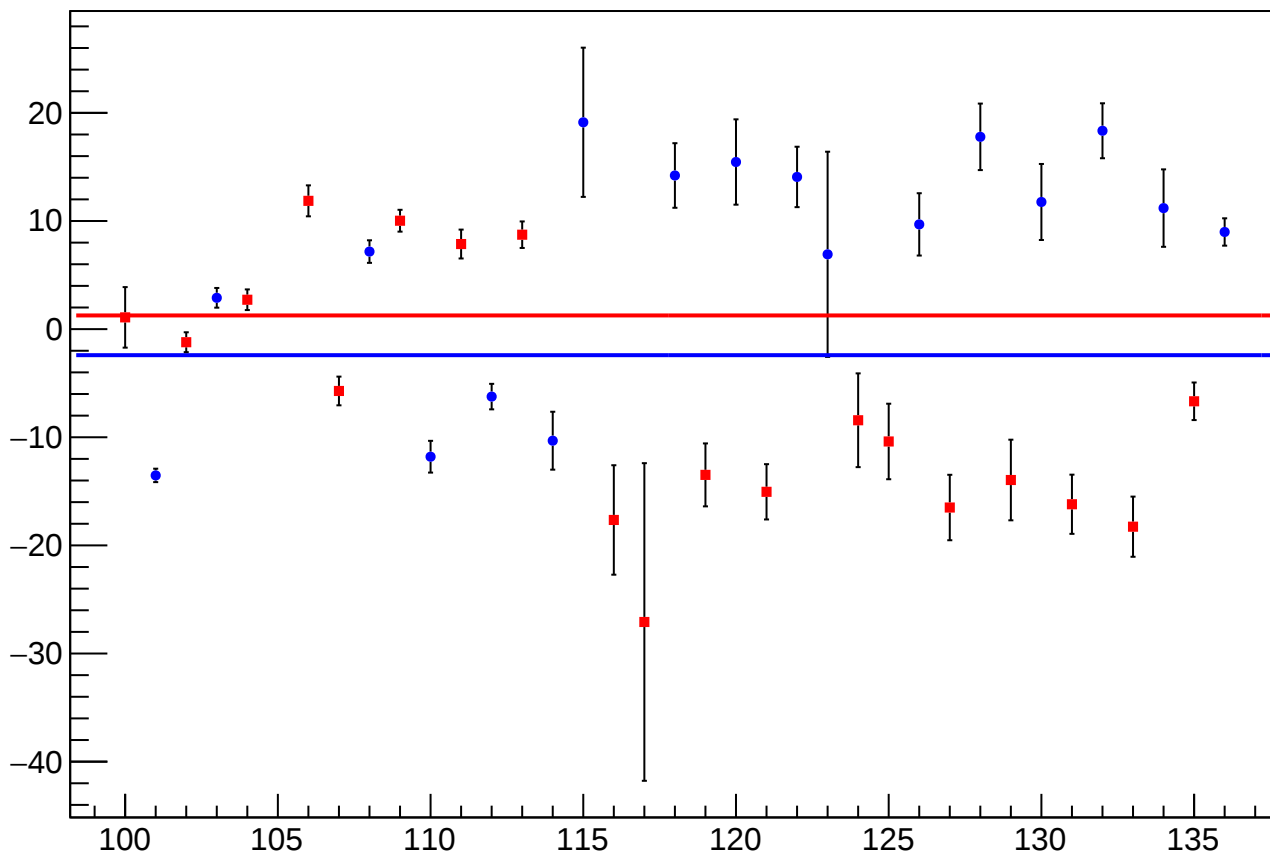
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

52.989 $\pm$ 0.211 χ^2 /NDF: 1198.0/16

4.075 $\pm$ 0.155 χ^2 /NDF: 119157.9/35

-53.500 $\pm$ 0.229 χ^2 /NDF: 843.7/18

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.409+/-0.364 χ^2 /NDF: 834.6/16

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1.266+/-0.381 χ^2 /NDF: 491.0/18

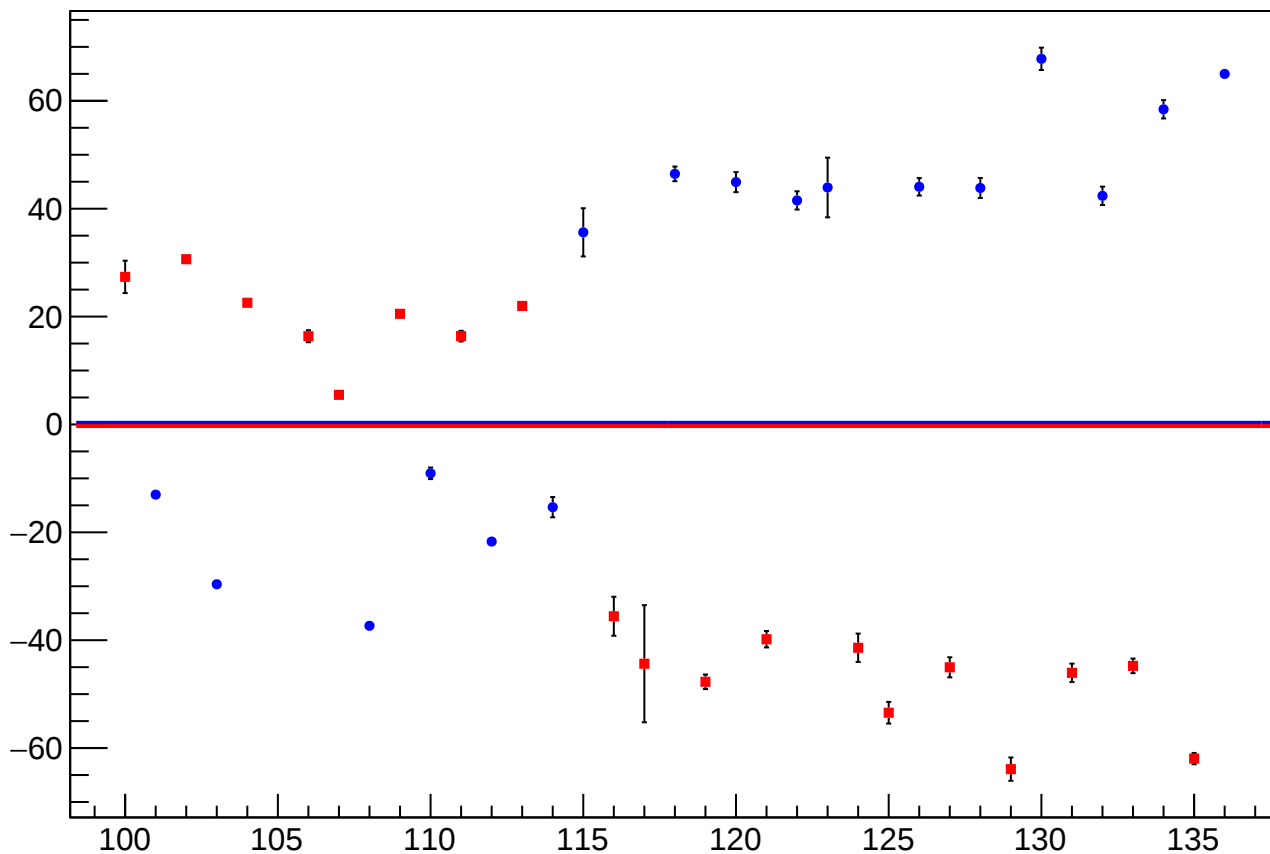
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.409+/-0.364 χ^2 /NDF: 834.6/16

-0.653+/-0.263 χ^2 /NDF: 1374.2/35

1.266+/-0.381 χ^2 /NDF: 491.0/18

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.300+/-0.247 χ^2/NDF : 18259.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.292+/-0.270 χ^2/NDF : 13911.5/18

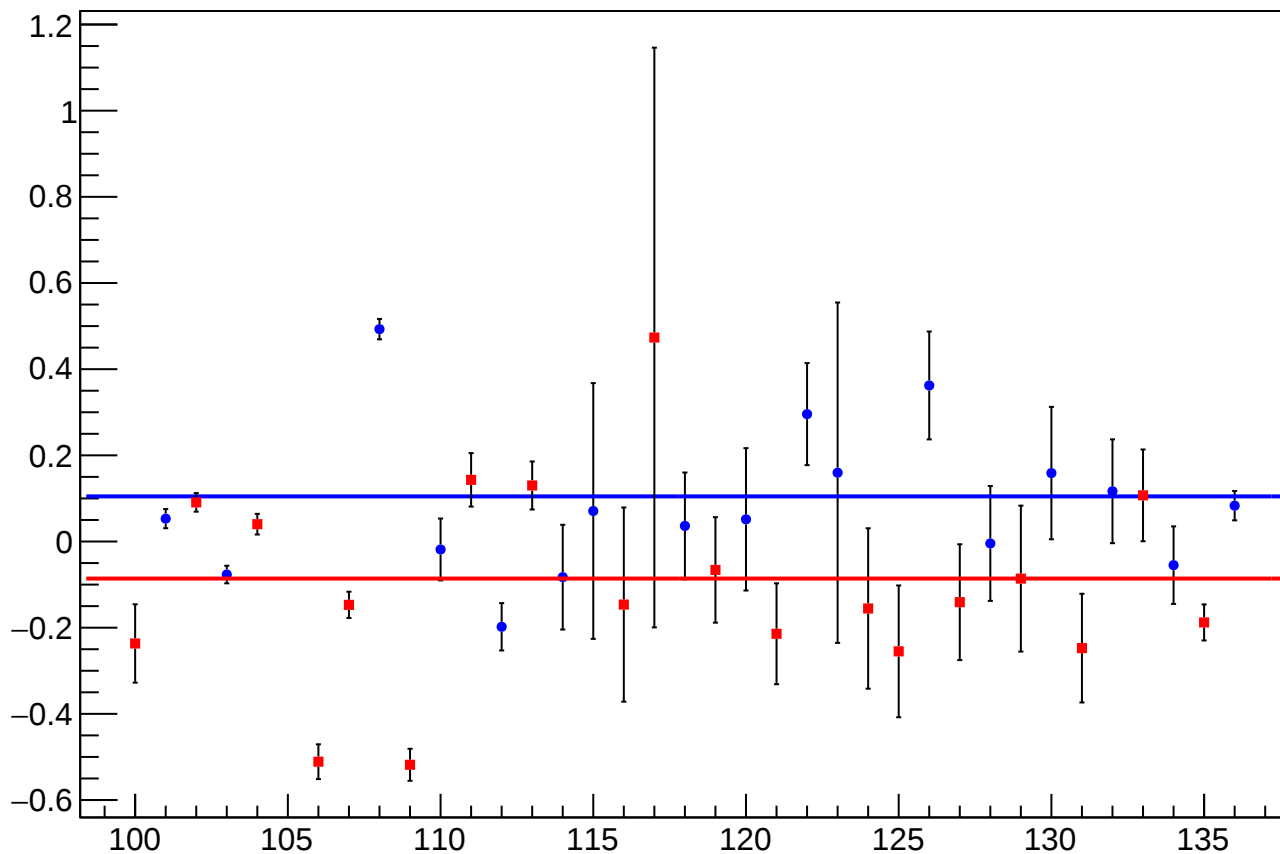
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.300+/-0.247 χ^2/NDF : 18259.2/16

0.030+/-0.182 χ^2/NDF : 32173.2/35

-0.292+/-0.270 χ^2/NDF : 13911.5/18

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105+/-0.011 χ^2/NDF : 400.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.086+/-0.011 χ^2/NDF : 390.7/18

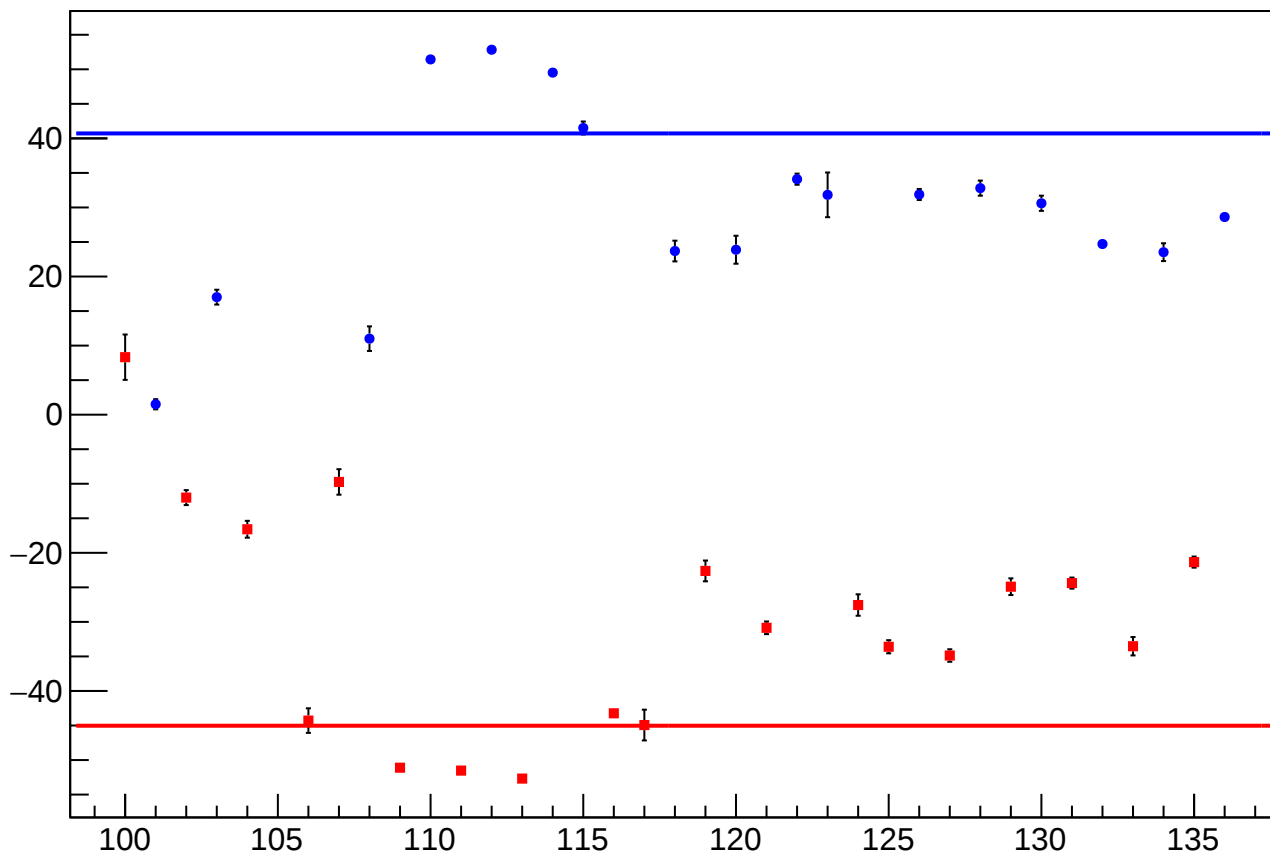
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.105+/-0.011 χ^2/NDF : 400.8/16

0.010+/-0.008 χ^2/NDF : 939.3/35

-0.086+/-0.011 χ^2/NDF : 390.7/18

reg_asym_sam7_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 40.717+/-0.167 χ^2 /NDF: 7858.5/16

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -45.031+/-0.149 χ^2 /NDF: 6298.7/18

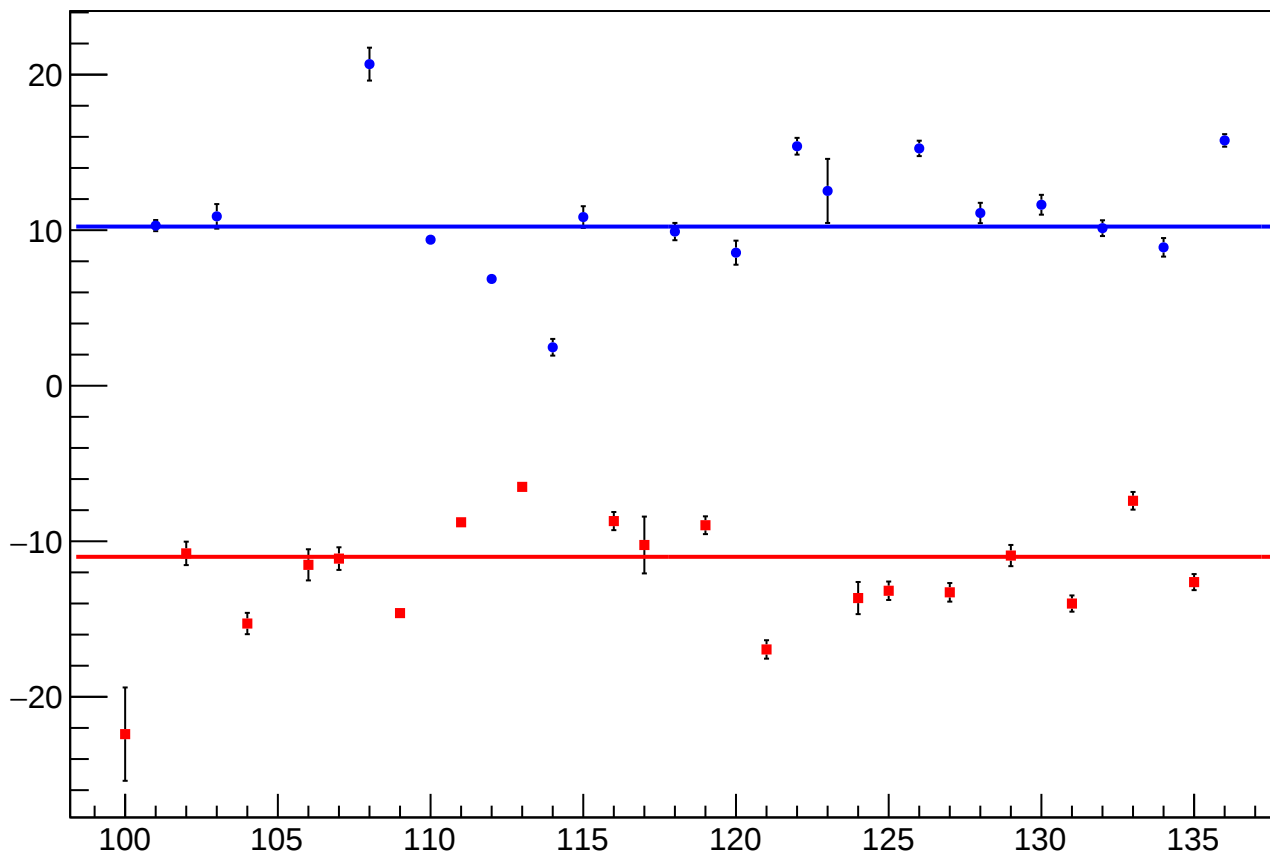
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

40.717+/-0.167 χ^2 /NDF: 7858.5/16

-7.256+/-0.111 χ^2 /NDF: 160936.5/35

-45.031+/-0.149 χ^2 /NDF: 6298.7/18

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.232+/-0.119 χ^2/NDF : 876.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.999+/-0.117 χ^2/NDF : 782.3/18

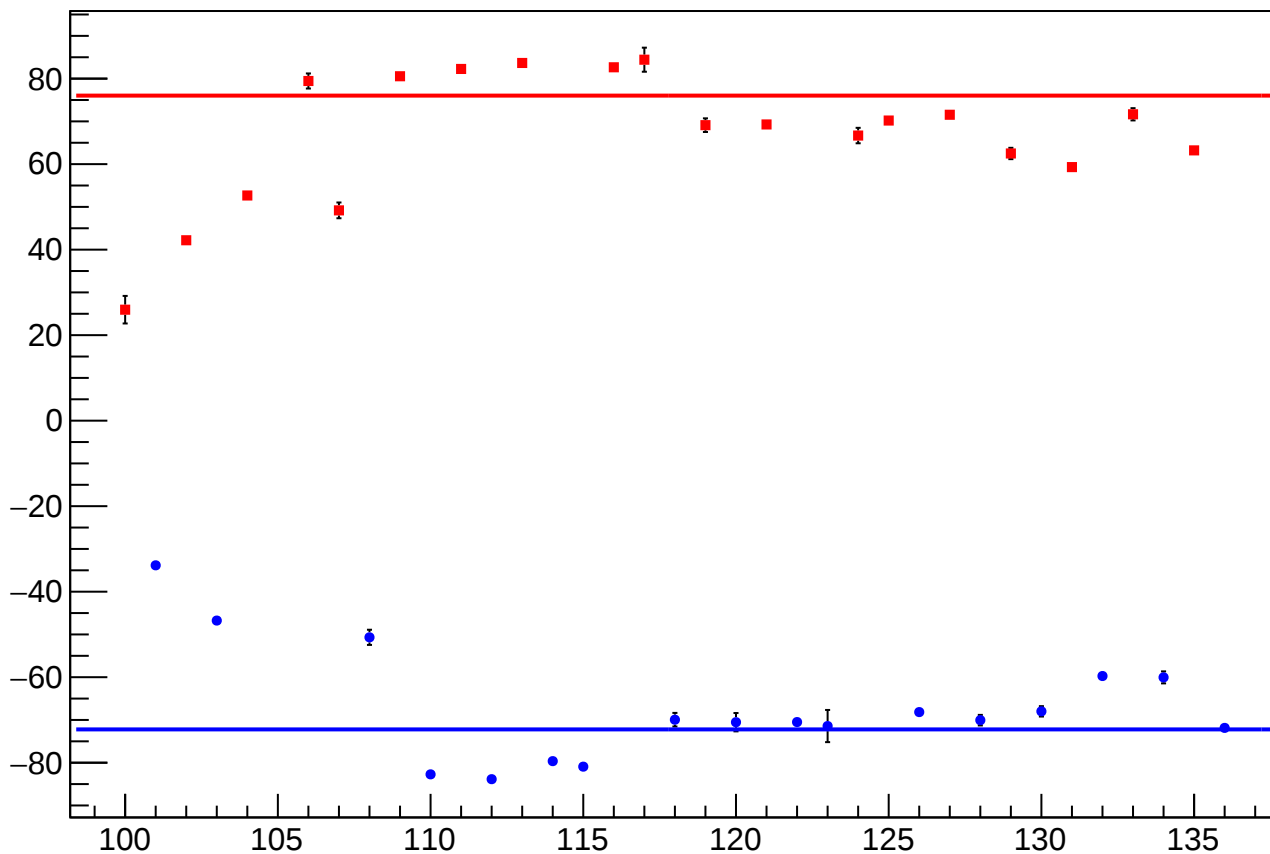
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.232+/-0.119 χ^2/NDF : 876.7/16

-0.572+/-0.084 χ^2/NDF : 17748.7/35

-10.999+/-0.117 χ^2/NDF : 782.3/18

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.211+/-0.198 χ^2/NDF : 5566.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.028+/-0.182 χ^2/NDF : 3471.8/18

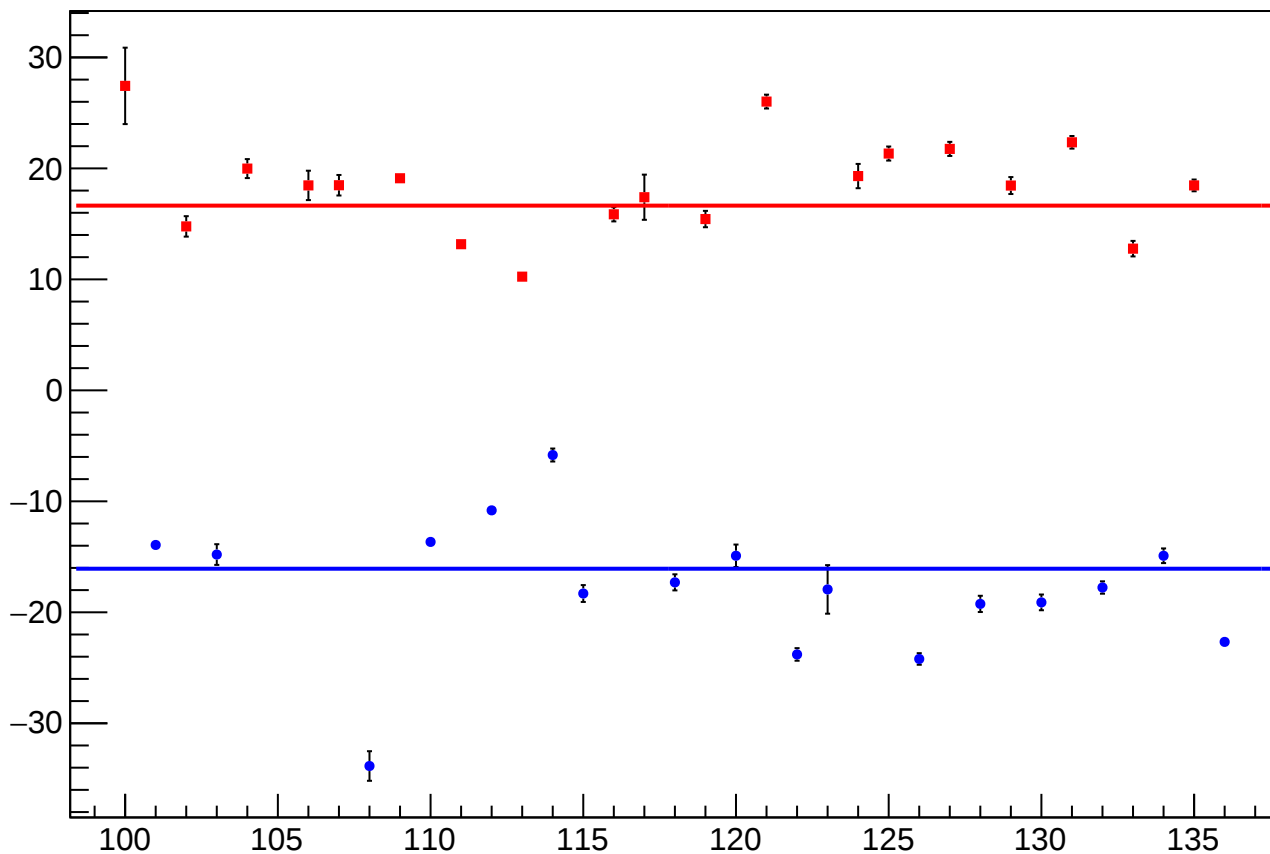
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-72.211+/-0.198 χ^2/NDF : 5566.2/16

8.006+/-0.134 χ^2/NDF : 312395.7/35

76.028+/-0.182 χ^2/NDF : 3471.8/18

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: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 16.645 ± 0.129 $\chi^2/\text{NDF}: 1155.9/18$

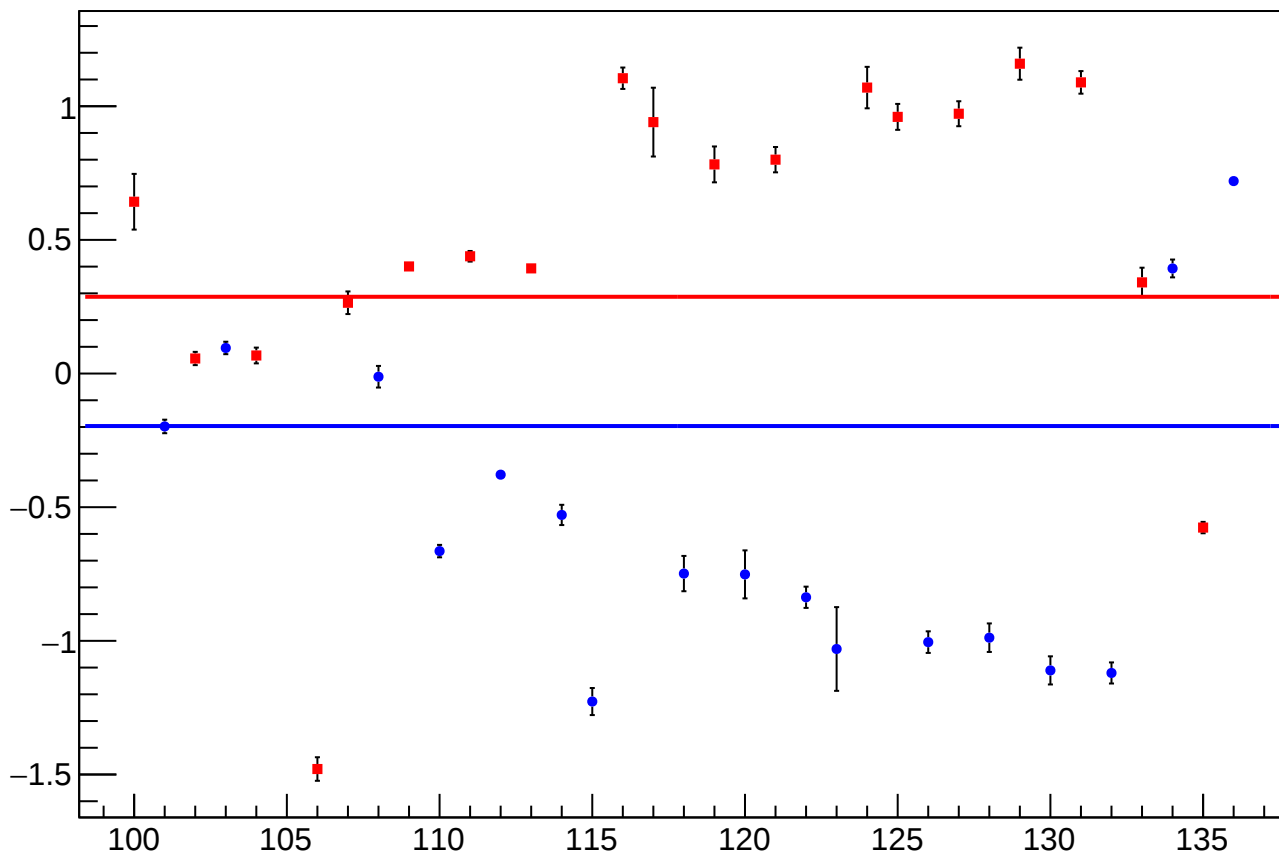
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-16.073 ± 0.133 $\chi^2/\text{NDF}: 1640.5/16$

0.673 ± 0.093 $\chi^2/\text{NDF}: 33995.2/35$

16.645 ± 0.129 $\chi^2/\text{NDF}: 1155.9/18$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.196+/-0.008 χ^2/NDF : 6323.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.287+/-0.007 χ^2/NDF : 5236.9/18

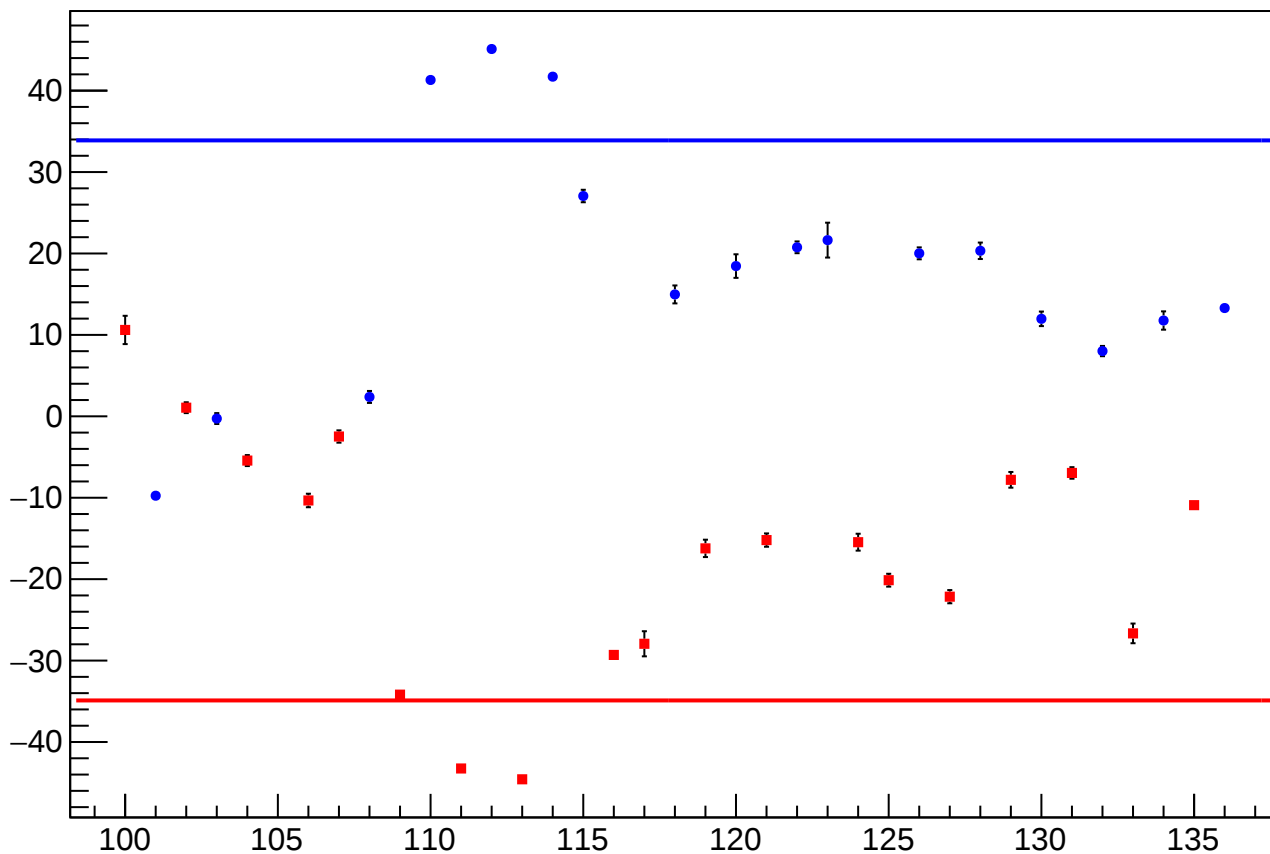
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.196+/-0.008 χ^2/NDF : 6323.5/16

0.053+/-0.005 χ^2/NDF : 13676.8/35

0.287+/-0.007 χ^2/NDF : 5236.9/18

reg_asym_sam8_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 33.888+/-0.104 χ^2 /NDF: 25227.1/16

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -34.895+/-0.087 χ^2 /NDF: 19223.8/18

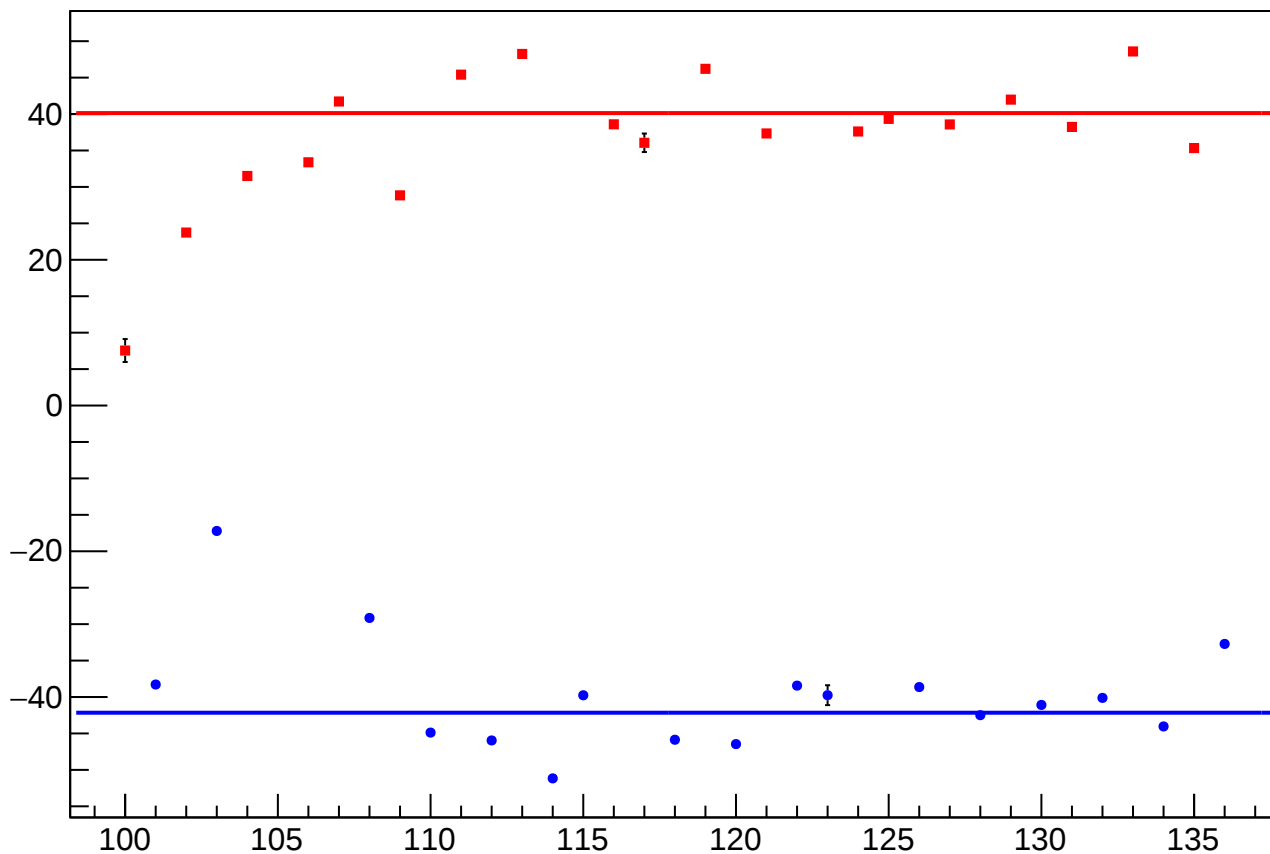
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

33.888+/-0.104 χ^2 /NDF: 25227.1/16

-6.598+/-0.067 χ^2 /NDF: 303150.1/35

-34.895+/-0.087 χ^2 /NDF: 19223.8/18

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.153+/-0.078 χ^2/NDF : 6557.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.134+/-0.073 χ^2/NDF : 11226.1/18

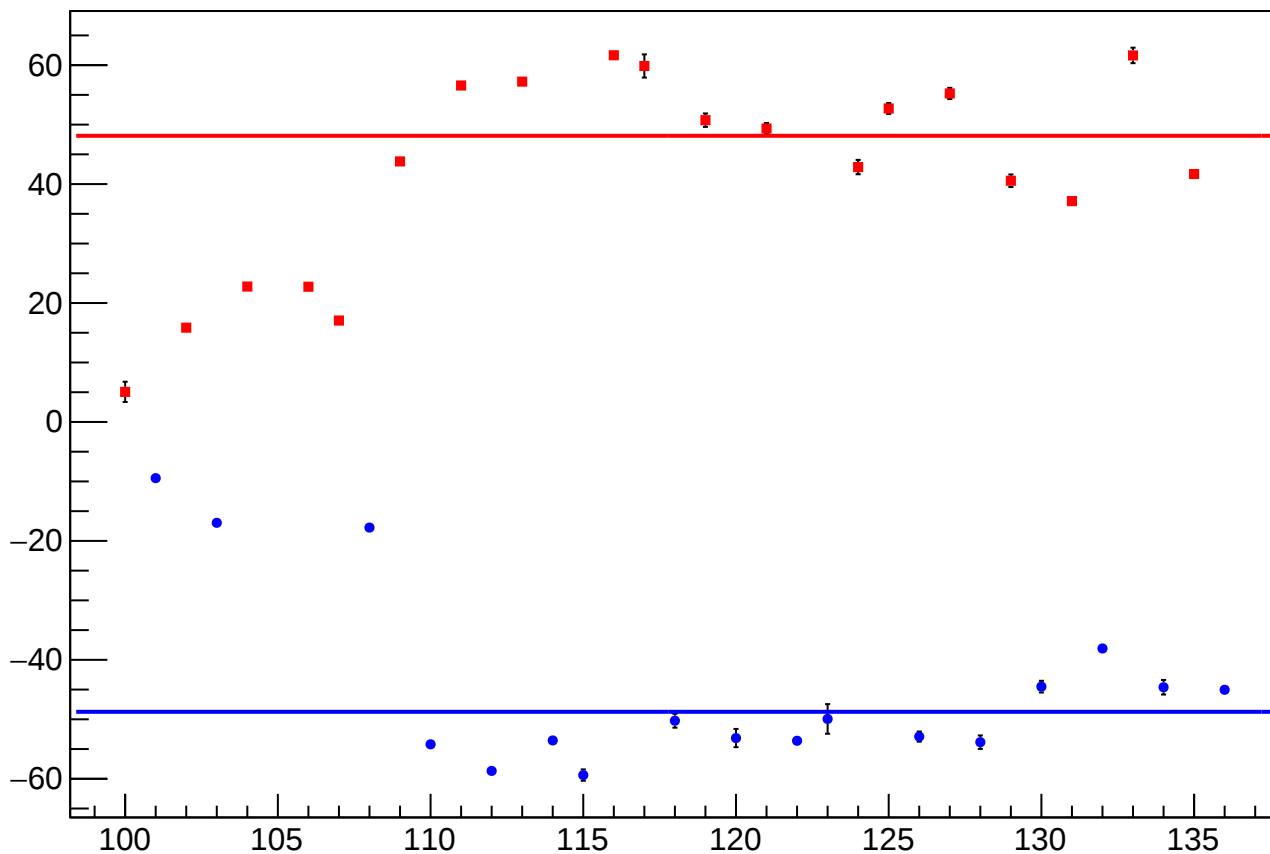
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-42.153+/-0.078 χ^2/NDF : 6557.8/16

1.657+/-0.053 χ^2/NDF : 610001.7/35

40.134+/-0.073 χ^2/NDF : 11226.1/18

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.737+/-0.125 χ^2/NDF : 14658.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.122+/-0.108 χ^2/NDF : 11769.3/18

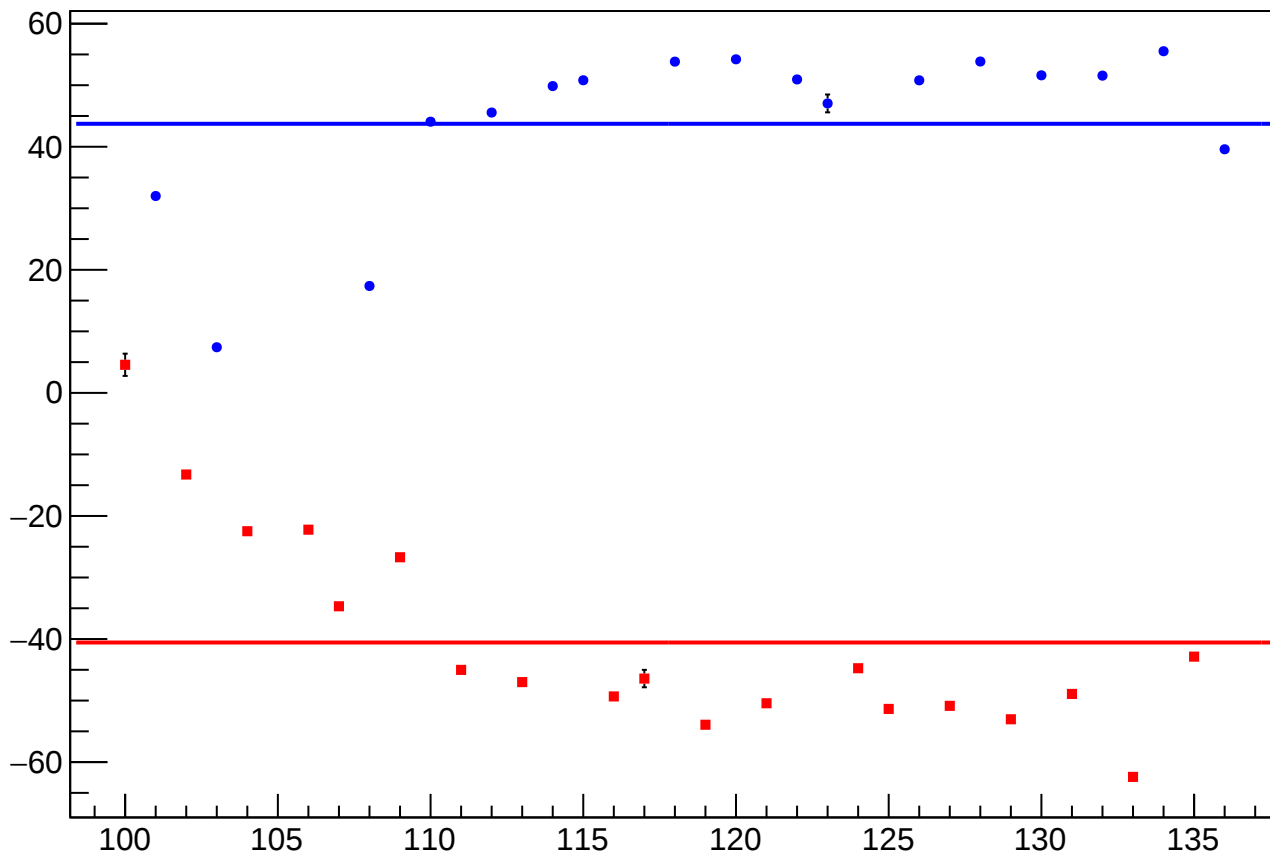
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-48.737+/-0.125 χ^2/NDF : 14658.1/16

6.705+/-0.081 χ^2/NDF : 372512.6/35

48.122+/-0.108 χ^2/NDF : 11769.3/18

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.731+/-0.087 χ^2/NDF : 10567.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.565+/-0.081 χ^2/NDF : 17617.9/18

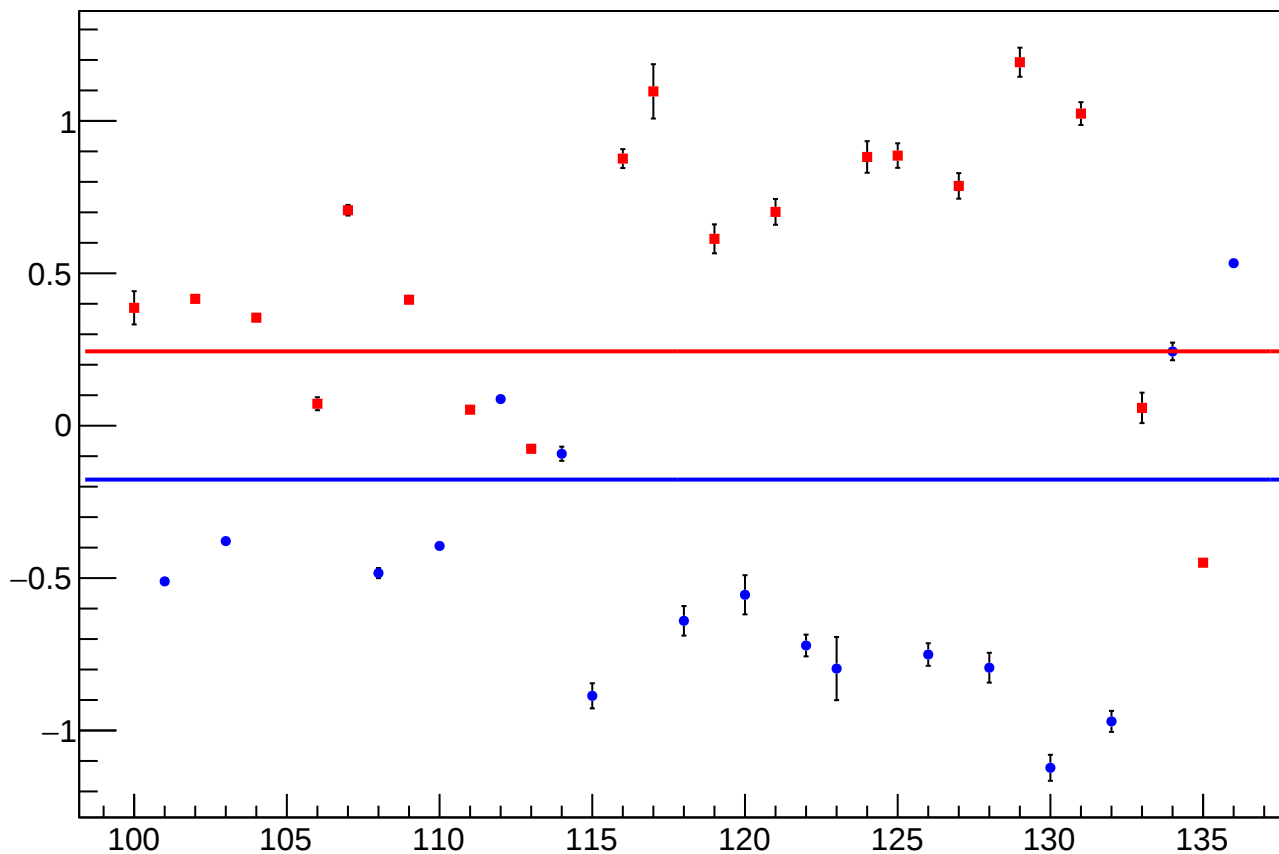
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

43.731+/-0.087 χ^2/NDF : 10567.7/16

-1.523+/-0.059 χ^2/NDF : 534009.6/35

-40.565+/-0.081 χ^2/NDF : 17617.9/18

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.177 ± 0.005 χ^2/NDF : 7364.7/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.244 ± 0.004 χ^2/NDF : 6462.3/18

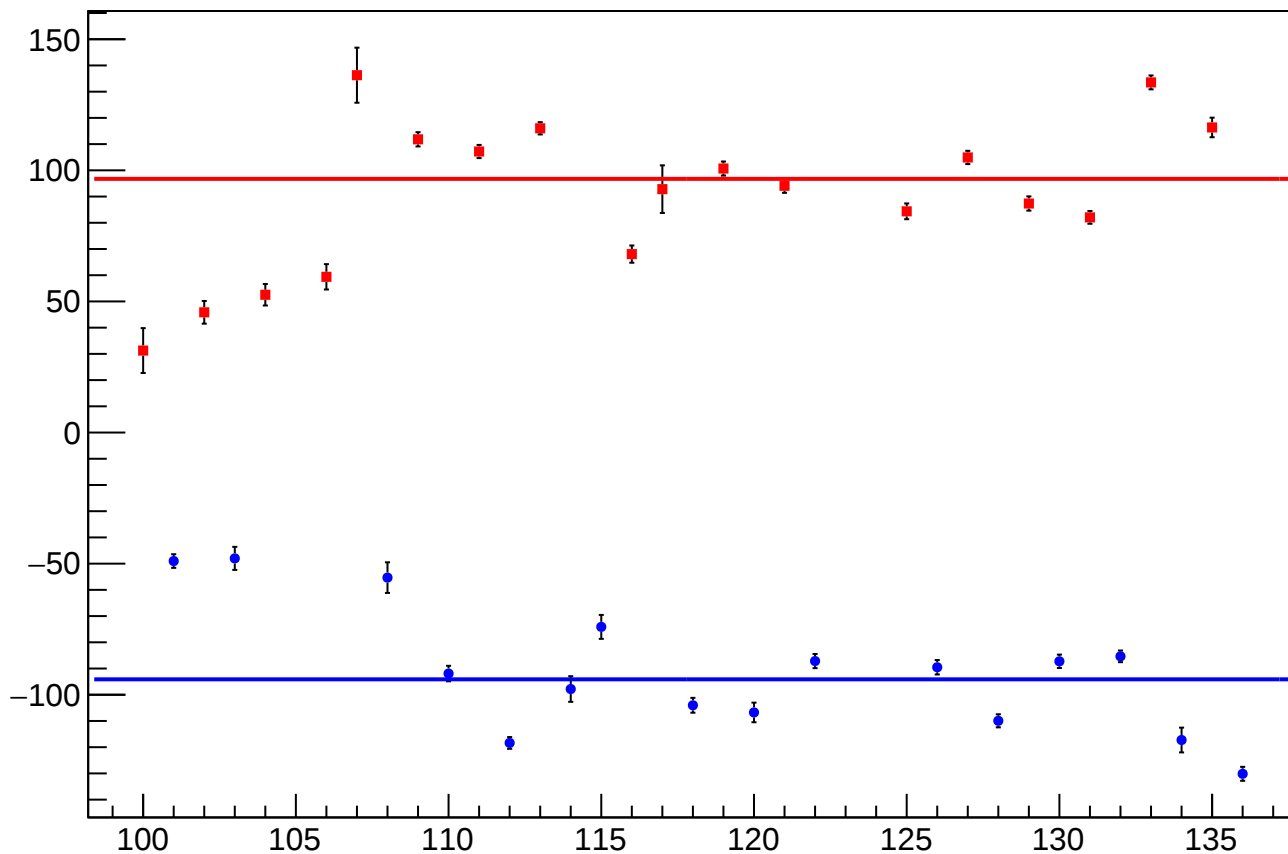
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.177 ± 0.005 χ^2/NDF : 7364.7/16

0.056 ± 0.003 χ^2/NDF : 18008.8/35

0.244 ± 0.004 χ^2/NDF : 6462.3/18

reg_asym_usl_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -94.119+/-0.746 χ^2/NDF : 896.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.745+/-0.741 χ^2/NDF : 879.2/17

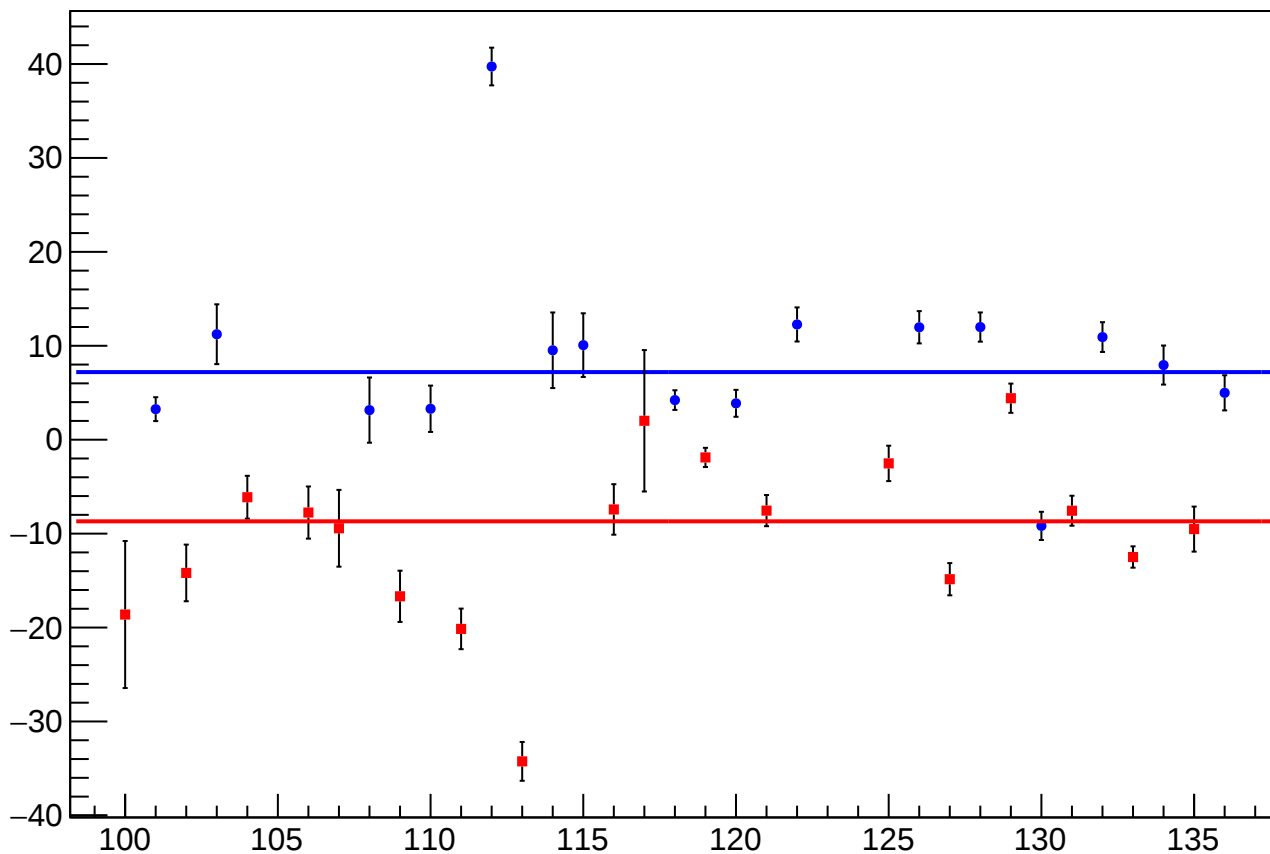
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-94.119+/-0.746 χ^2/NDF : 896.3/15

1.942+/-0.526 χ^2/NDF : 34737.8/33

96.745+/-0.741 χ^2/NDF : 879.2/17

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.199+/-0.440 χ^2/NDF : 443.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.690+/-0.450 χ^2/NDF : 349.0/17

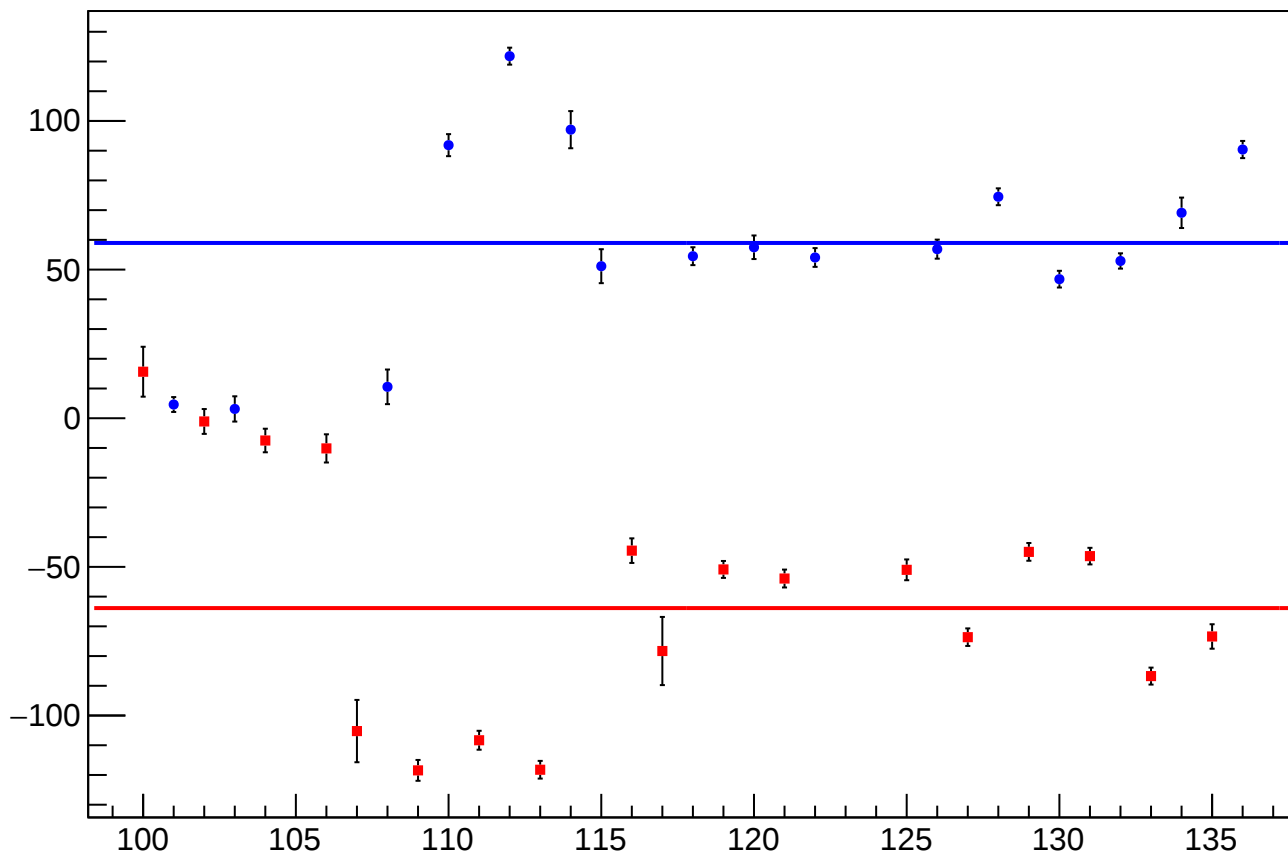
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7.199+/-0.440 χ^2/NDF : 443.8/15

-0.562+/-0.314 χ^2/NDF : 1431.1/33

-8.690+/-0.450 χ^2/NDF : 349.0/17

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.962+/-0.837 χ^2 /NDF: 1496.5/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -63.862+/-0.845 χ^2 /NDF: 1661.2/17

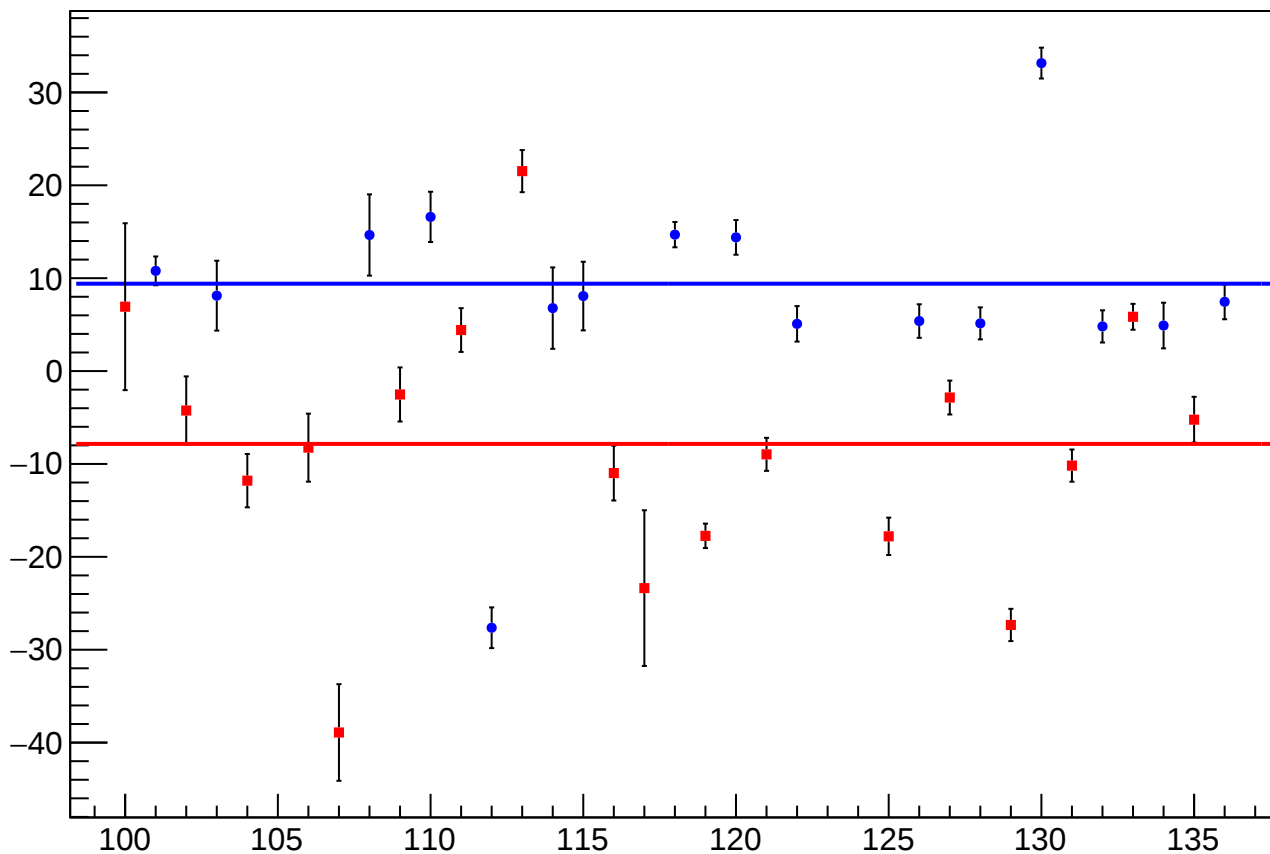
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

58.962+/-0.837 χ^2 /NDF: 1496.5/15

-1.863+/-0.595 χ^2 /NDF: 13822.8/33

-63.862+/-0.845 χ^2 /NDF: 1661.2/17

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -7.842 $\pm$ 0.518 χ^2 /NDF: 558.5/17

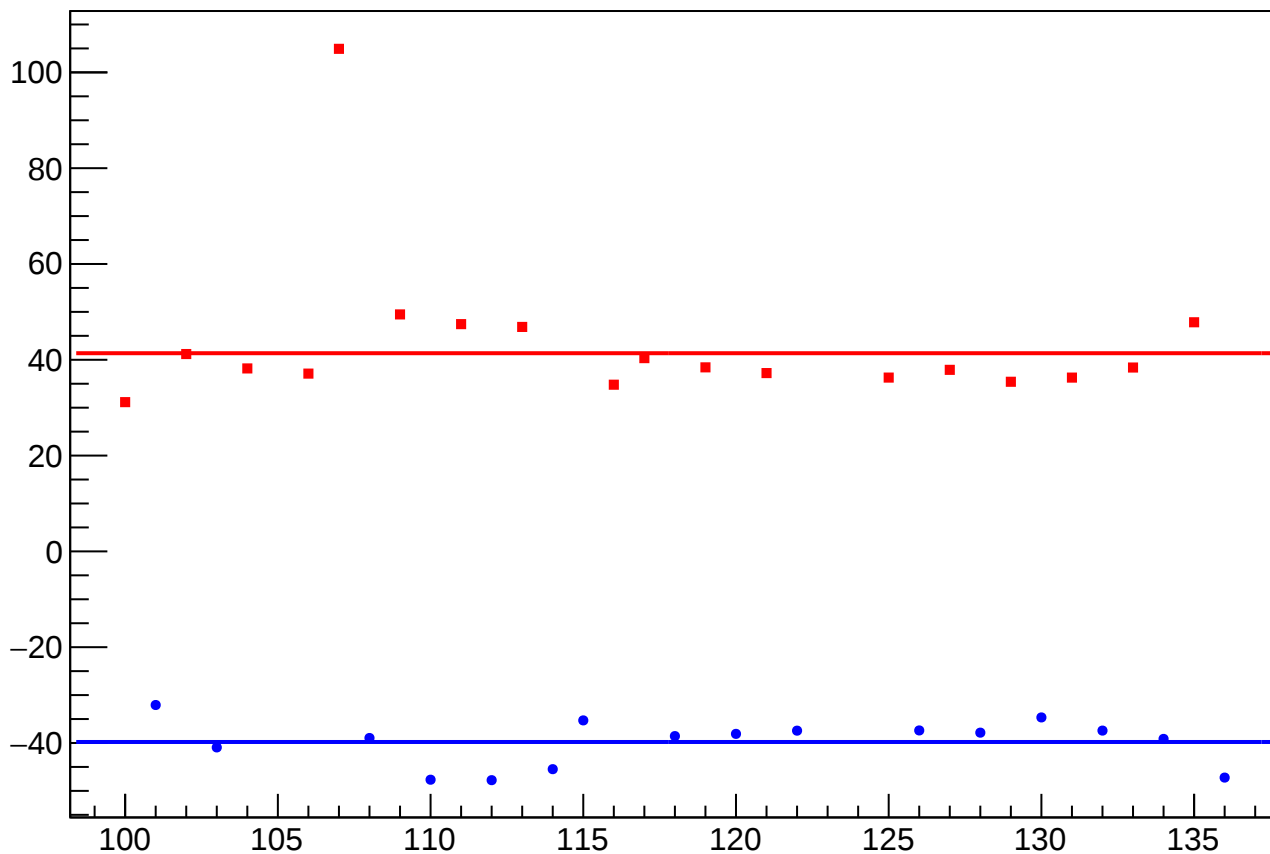
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

9.405 $\pm$ 0.507 χ^2 /NDF: 549.5/15

0.970 $\pm$ 0.362 χ^2 /NDF: 1674.7/33

-7.842 $\pm$ 0.518 χ^2 /NDF: 558.5/17

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.791+/-0.031 χ^2/NDF : 26138.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.373+/-0.032 χ^2/NDF : 92354.7/17

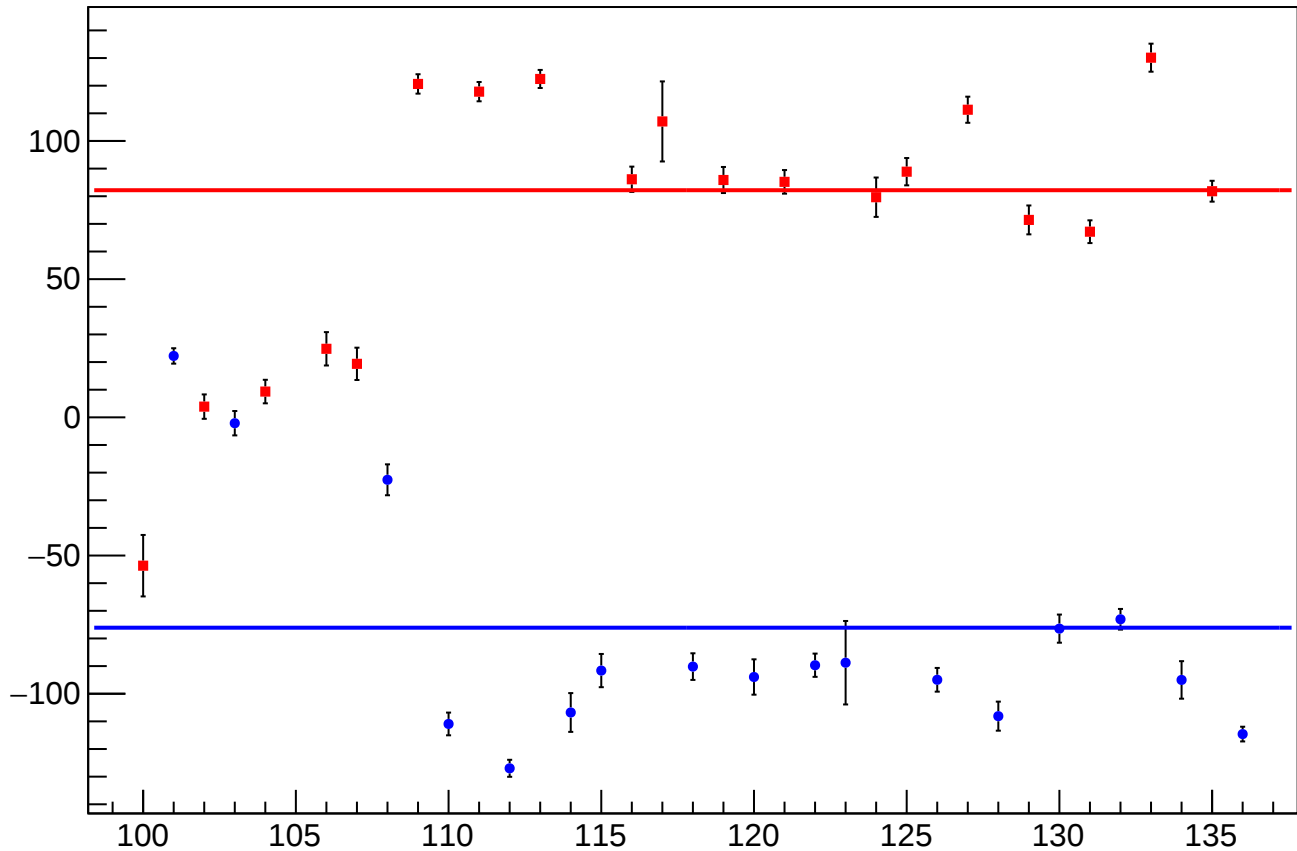
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-39.791+/-0.031 χ^2/NDF : 26138.6/15

0.213+/-0.022 χ^2/NDF : 3448405.6/33

41.373+/-0.032 χ^2/NDF : 92354.7/17

reg_asym_usr_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -76.106+/-1.044 χ^2/NDF : 2289.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.179+/-1.059 χ^2/NDF : 1490.3/18

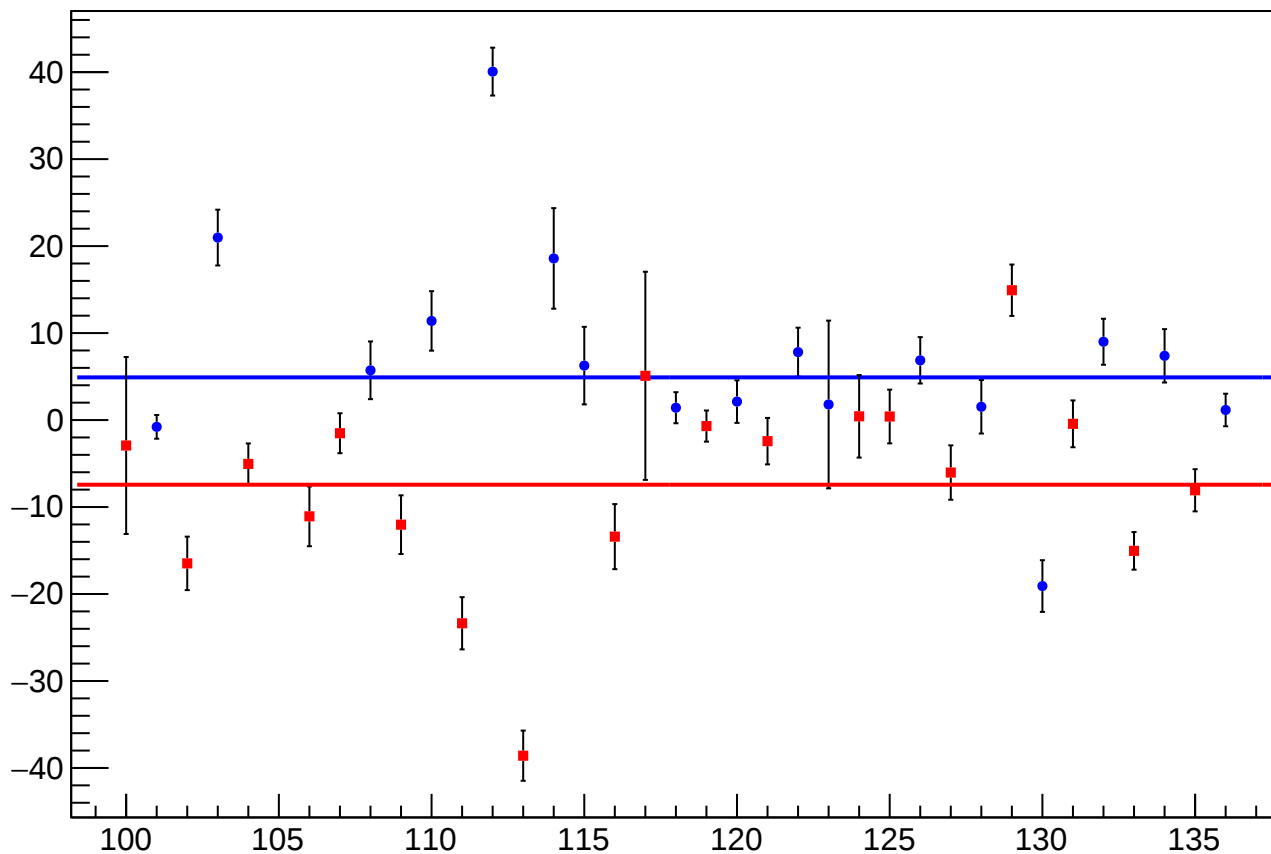
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-76.106+/-1.044 χ^2/NDF : 2289.5/16

1.908+/-0.744 χ^2/NDF : 15100.1/35

82.179+/-1.059 χ^2/NDF : 1490.3/18

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.907 $\pm$ 0.628 χ^2 /NDF: 295.4/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -7.434 $\pm$ 0.658 χ^2 /NDF: 271.5/18

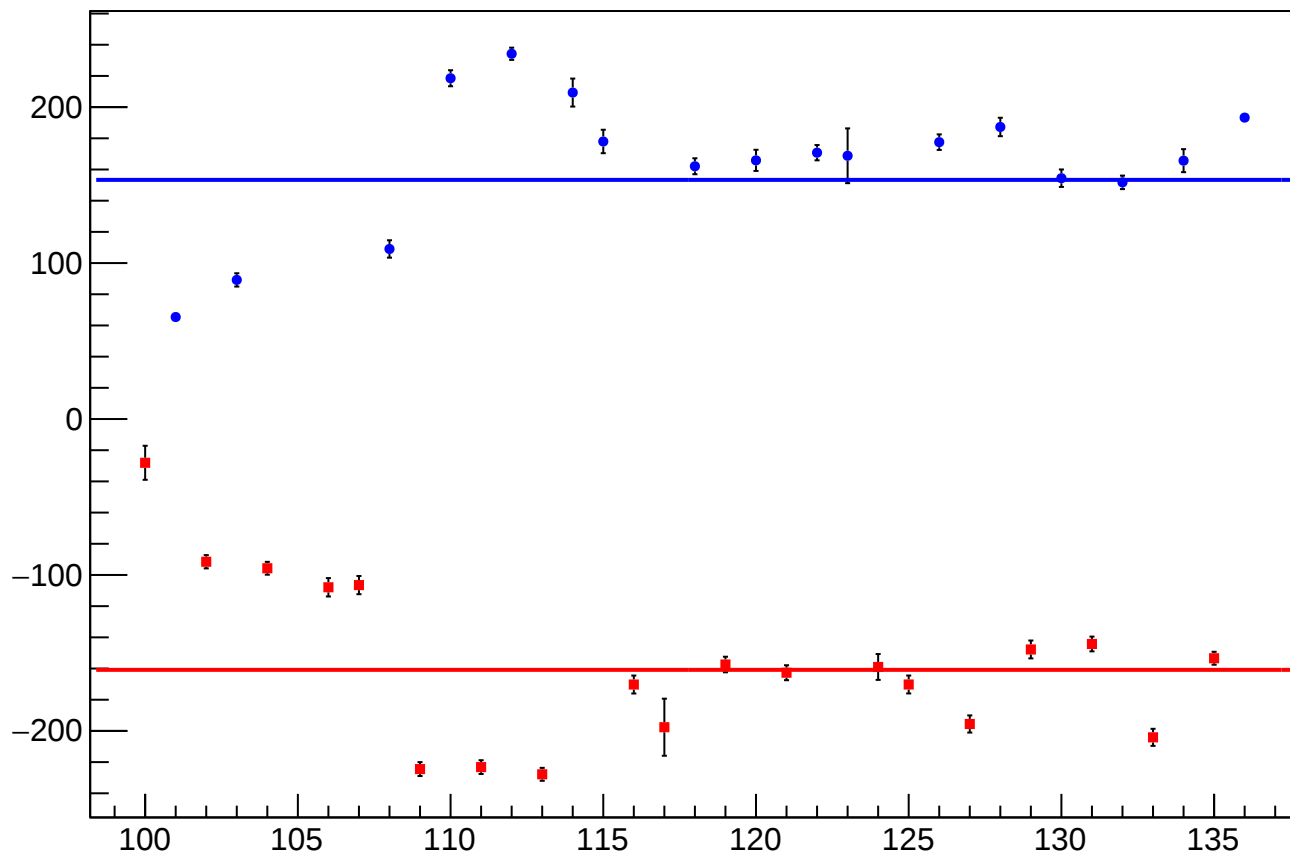
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

4.907 $\pm$ 0.628 χ^2 /NDF: 295.4/16

-0.973 $\pm$ 0.454 χ^2 /NDF: 751.0/35

-7.434 $\pm$ 0.658 χ^2 /NDF: 271.5/18

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.350+/-1.150 χ^2/NDF : 2268.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -160.839+/-1.195 χ^2/NDF : 1625.2/18

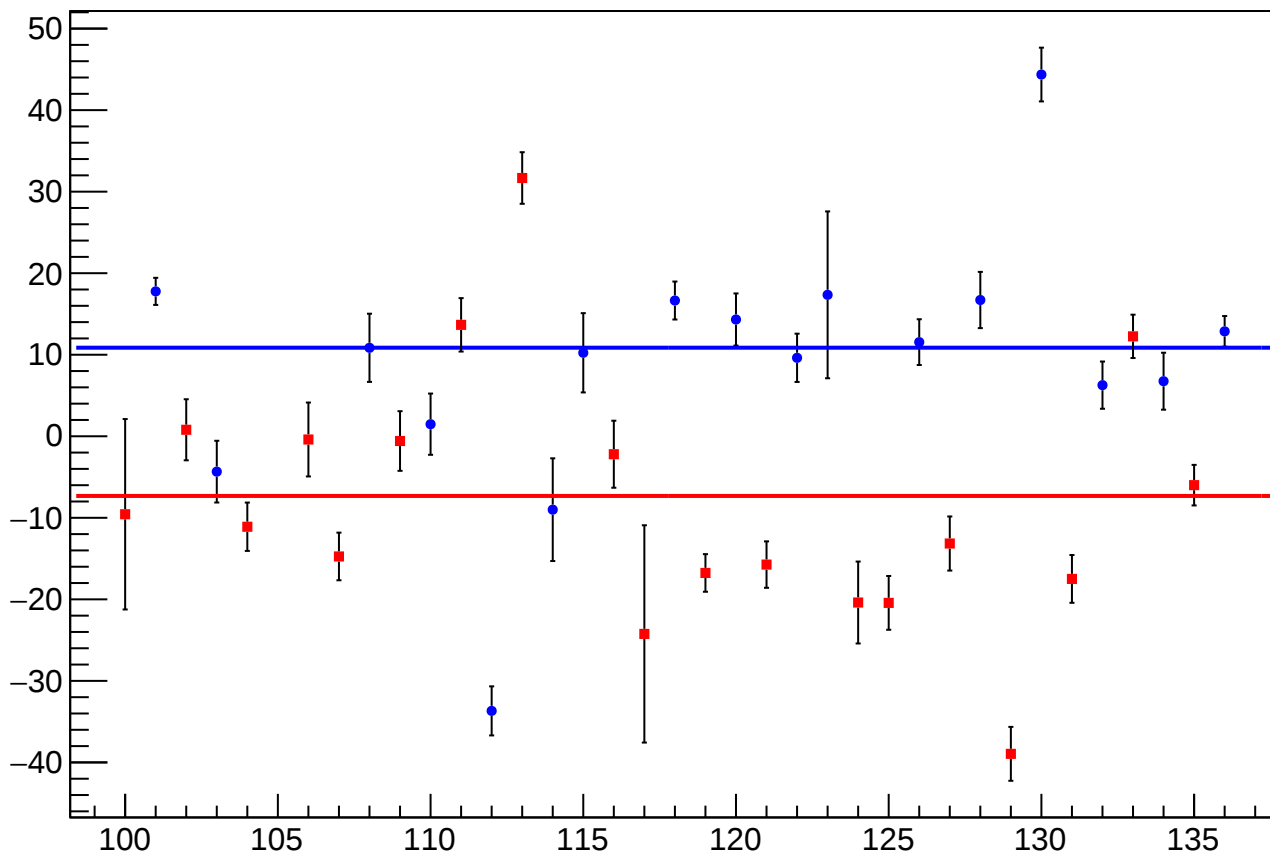
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

153.350+/-1.150 χ^2/NDF : 2268.3/16

2.201+/-0.829 χ^2/NDF : 39789.4/35

-160.839+/-1.195 χ^2/NDF : 1625.2/18

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.864+/-0.719 χ^2/NDF : 387.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.318+/-0.759 χ^2/NDF : 424.0/18

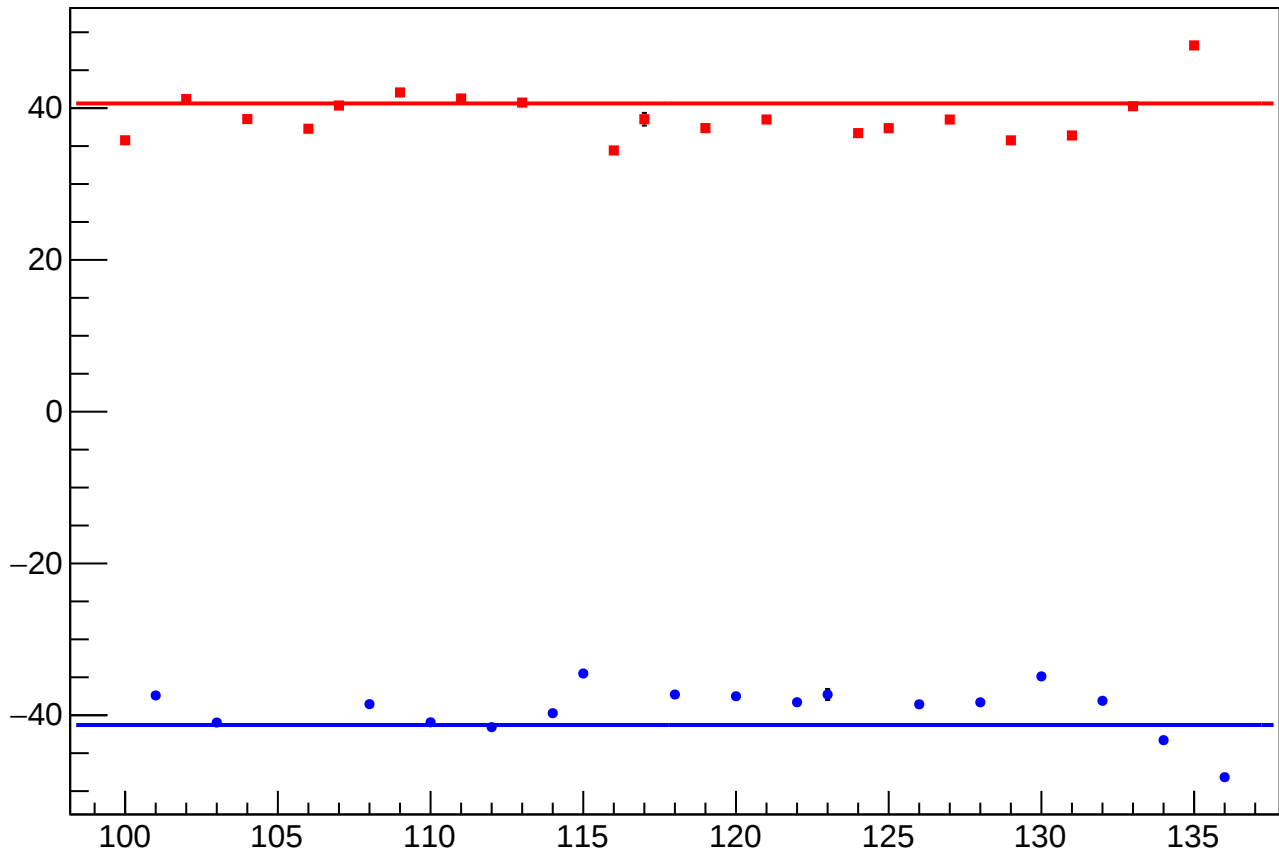
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.864+/-0.719 χ^2/NDF : 387.9/16

2.259+/-0.522 χ^2/NDF : 1114.2/35

-7.318+/-0.759 χ^2/NDF : 424.0/18

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.289+/-0.039 χ^2/NDF : 12509.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.617+/-0.040 χ^2/NDF : 8975.5/18

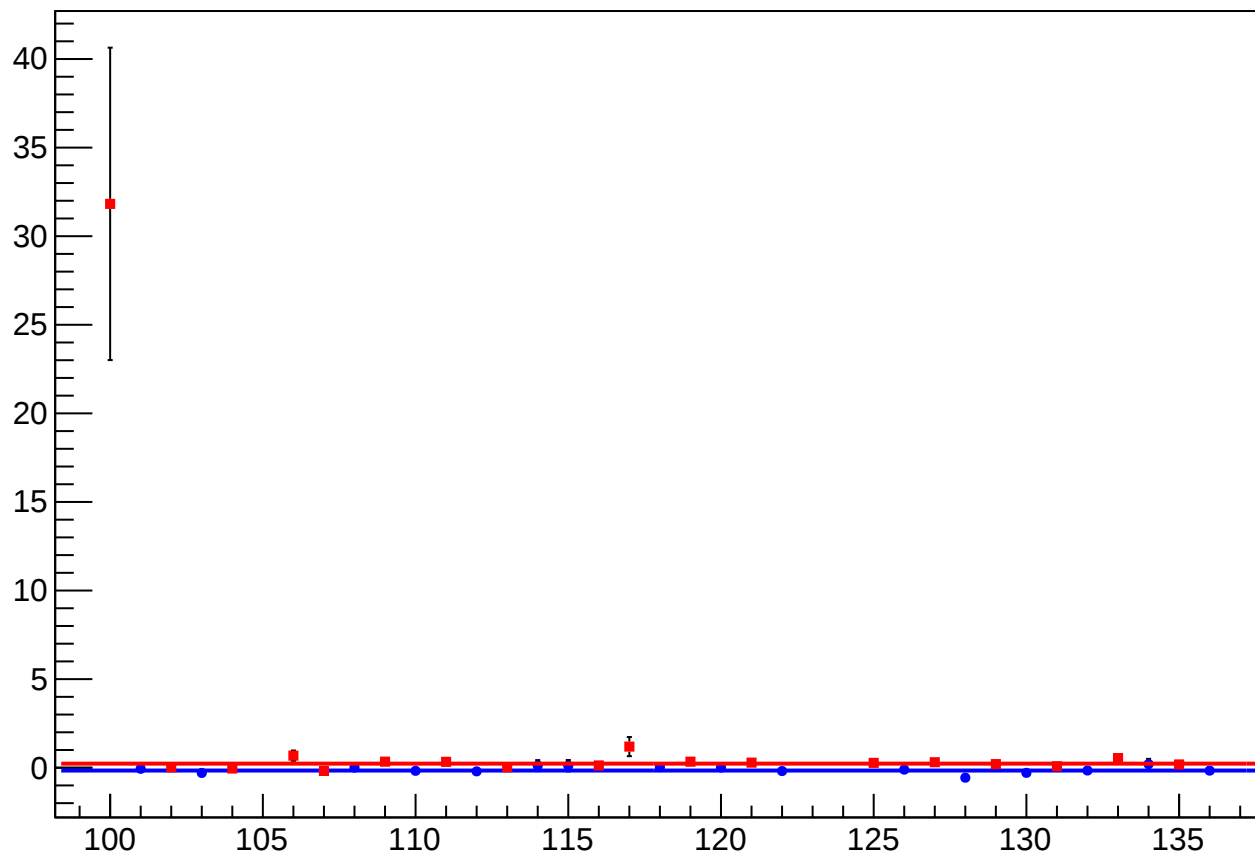
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-41.289+/-0.039 χ^2/NDF : 12509.1/16

-1.407+/-0.028 χ^2/NDF : 2212869.7/35

40.617+/-0.040 χ^2/NDF : 8975.5/18

reg_asym_dsl_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.159+/-0.048 χ^2/NDF : 11.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.230+/-0.048 χ^2/NDF : 30.8/17

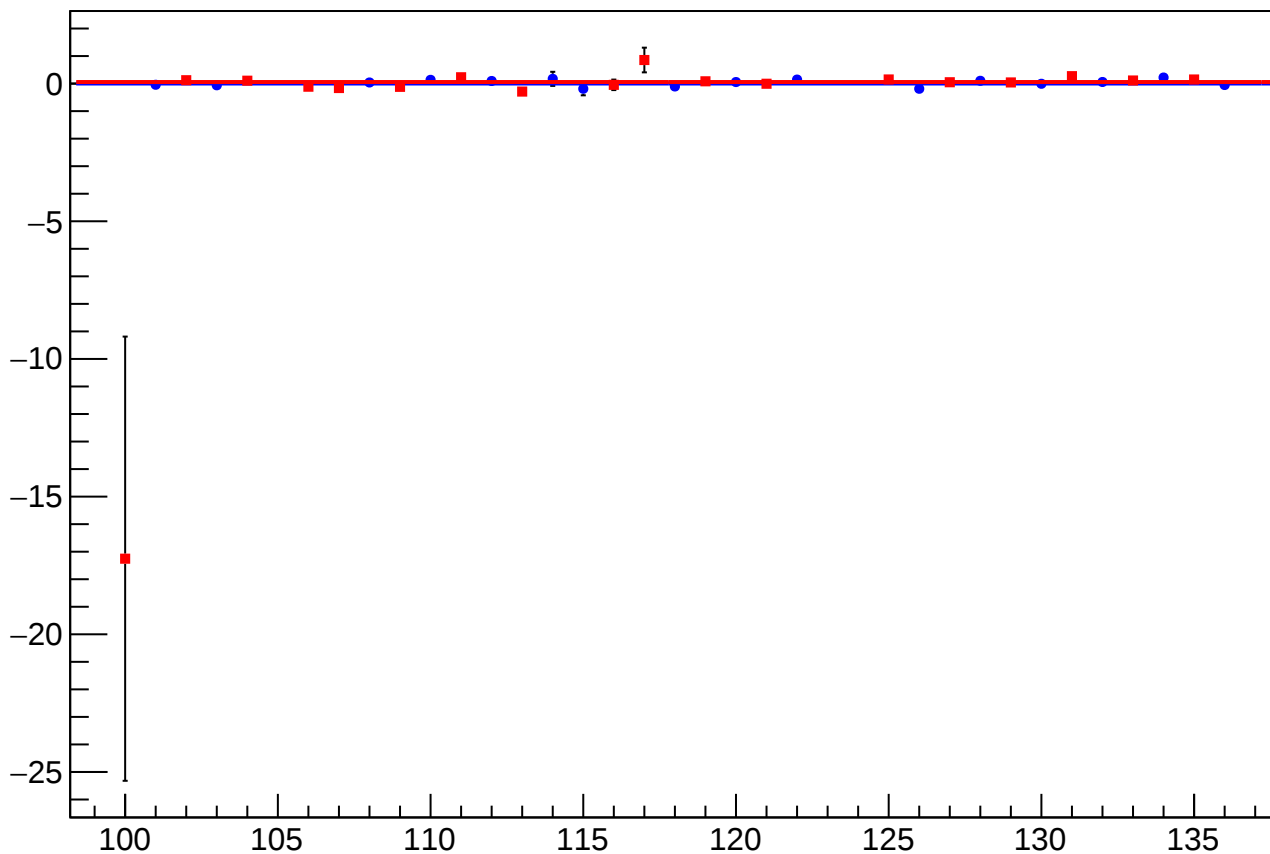
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.159+/-0.048 χ^2/NDF : 11.8/15

0.033+/-0.034 χ^2/NDF : 75.5/33

0.230+/-0.048 χ^2/NDF : 30.8/17

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.003+/-0.029 χ^2/NDF : 12.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.057+/-0.030 χ^2/NDF : 28.1/17

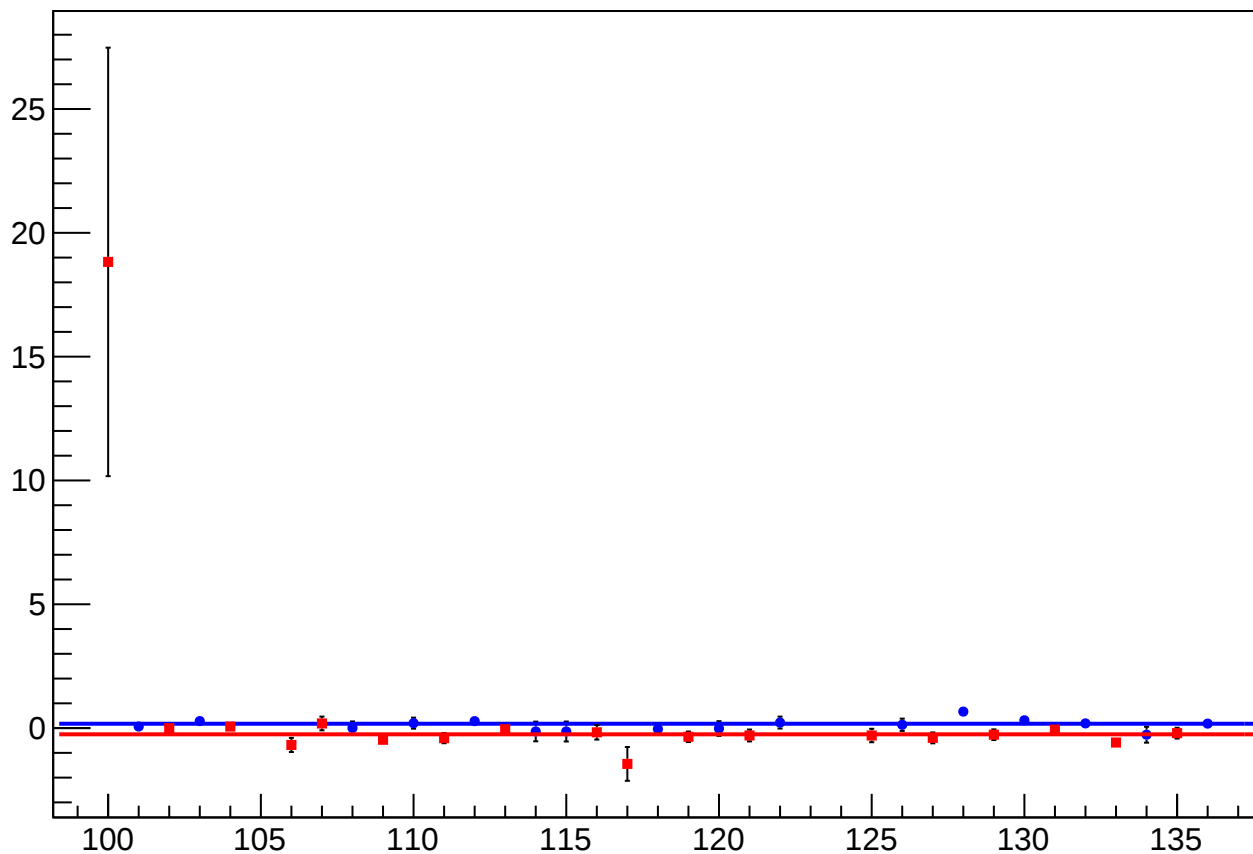
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.029 χ^2/NDF : 12.4/15

0.029+/-0.021 χ^2/NDF : 42.2/33

0.057+/-0.030 χ^2/NDF : 28.1/17

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.176+/-0.053 χ^2/NDF : 13.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.251+/-0.054 χ^2/NDF : 24.5/17

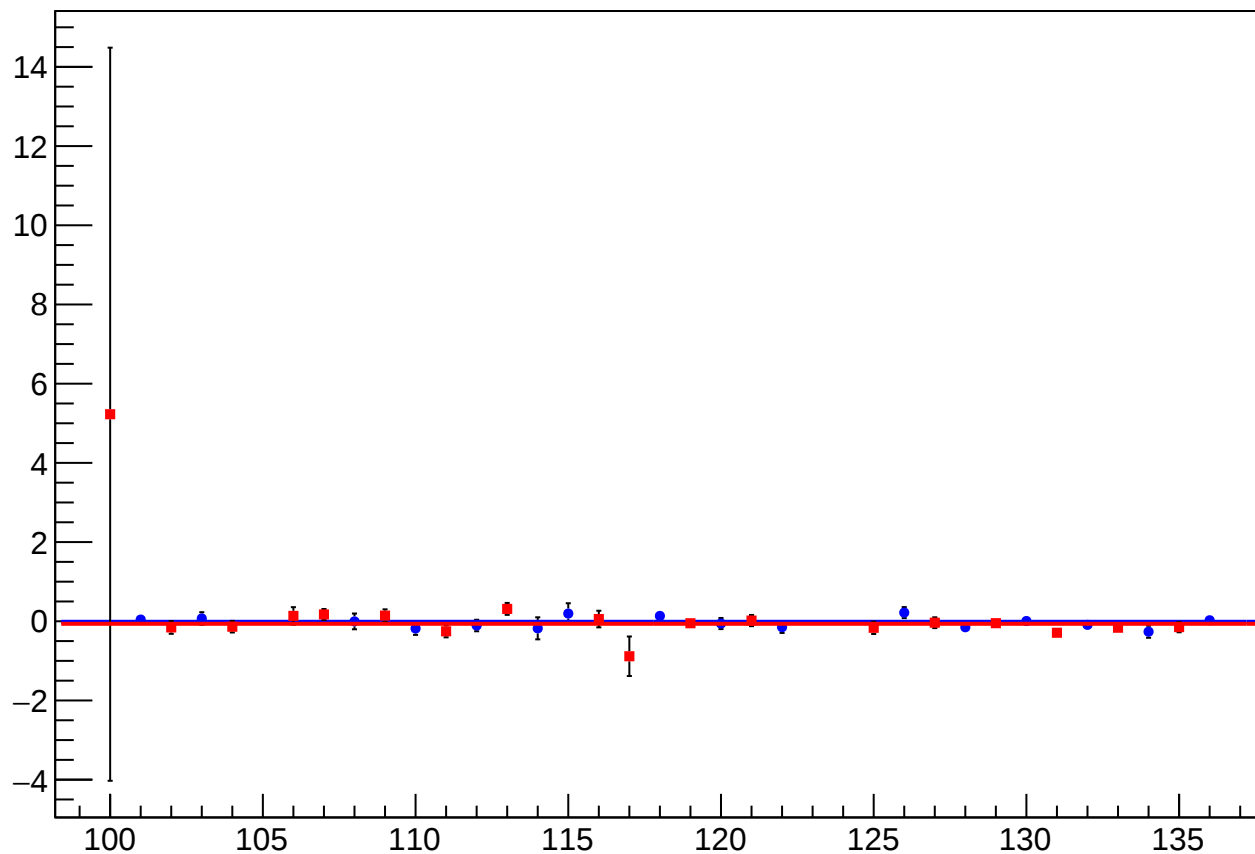
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.176+/-0.053 χ^2/NDF : 13.0/15

-0.030+/-0.038 χ^2/NDF : 69.3/33

-0.251+/-0.054 χ^2/NDF : 24.5/17

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.033 χ^2 /NDF: 13.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.064 $\pm$ 0.034 χ^2 /NDF: 22.7/17

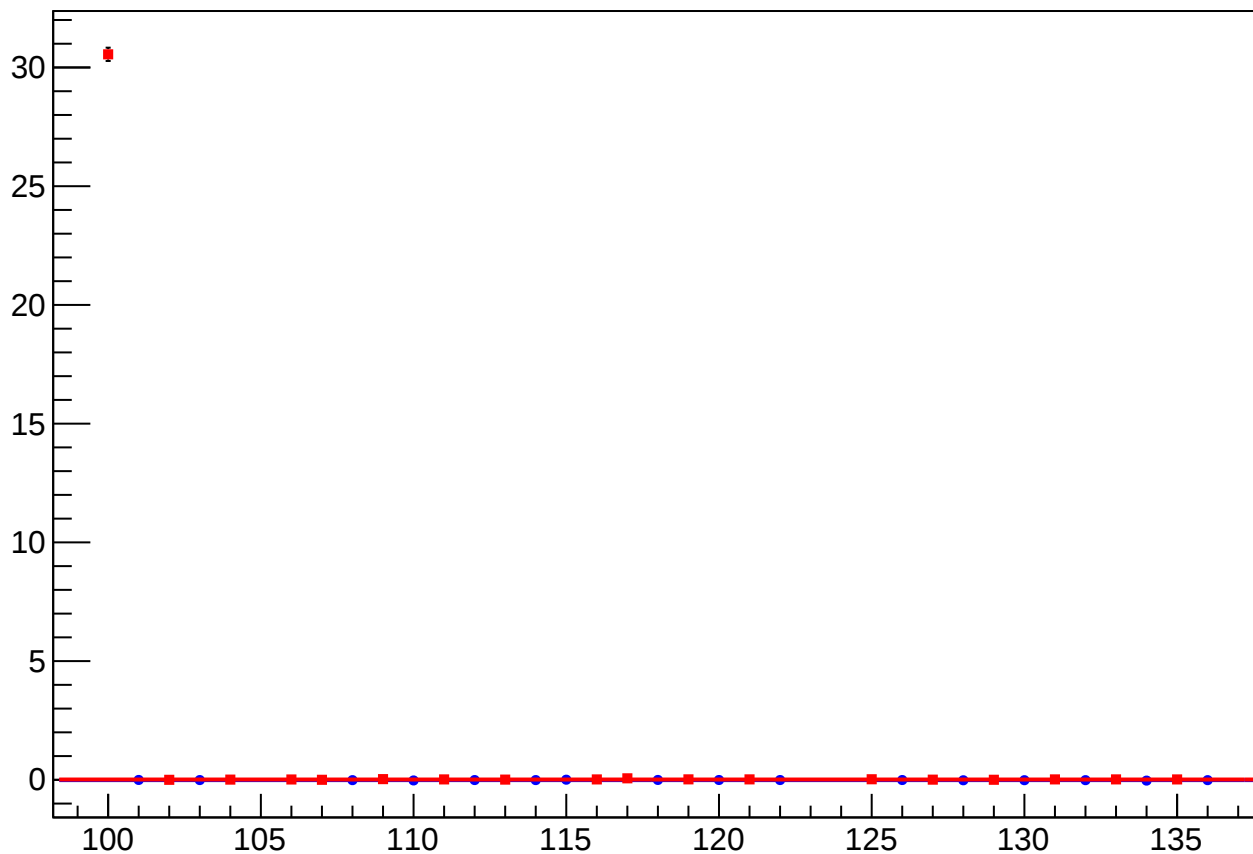
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-0.013 $\pm$ 0.033 χ^2 /NDF: 13.6/15

-0.037 $\pm$ 0.024 χ^2 /NDF: 37.5/33

-0.064 $\pm$ 0.034 χ^2 /NDF: 22.7/17

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.013 ± 0.002 χ^2/NDF : 11889.7/17

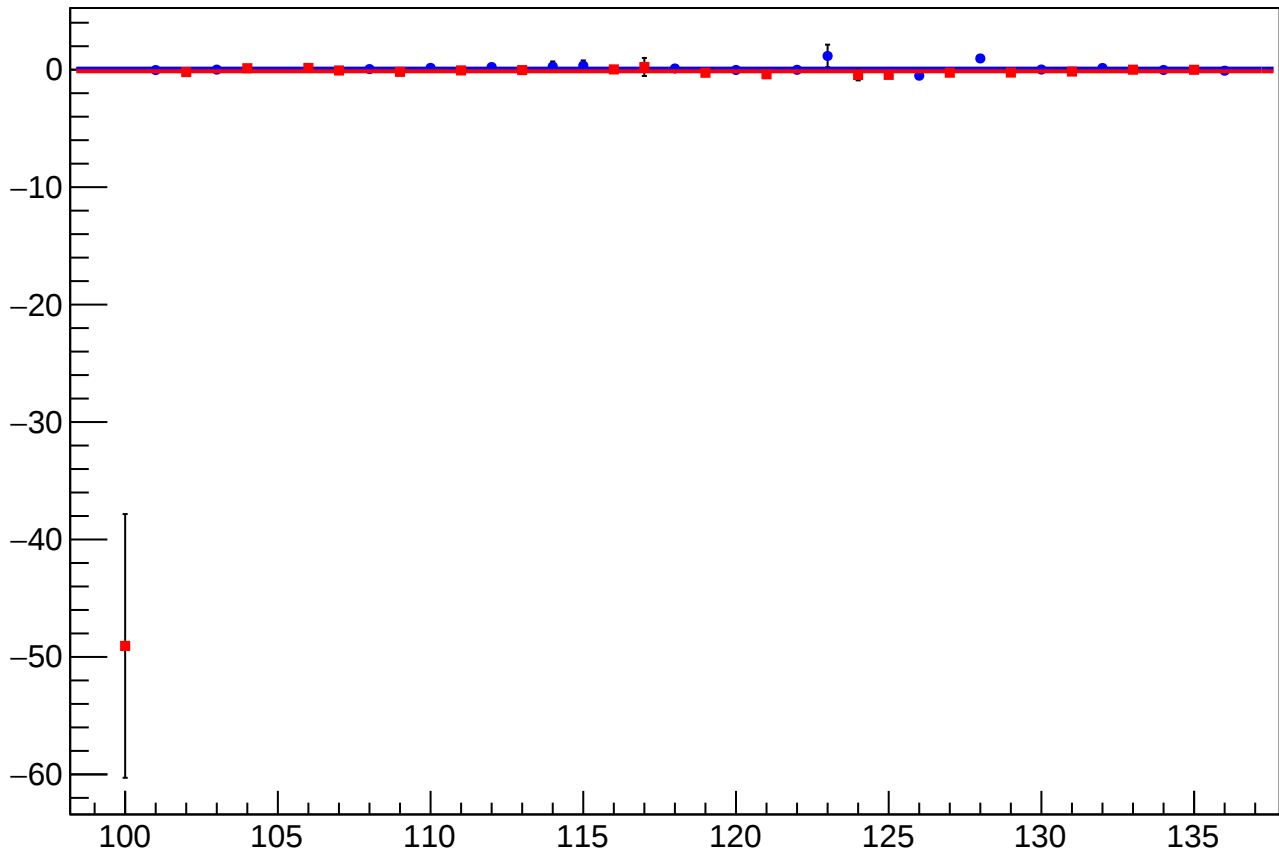
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.012 ± 0.002 χ^2/NDF : 12.8/15

0.000 ± 0.001 χ^2/NDF : 11996.7/33

0.013 ± 0.002 χ^2/NDF : 11889.7/17

reg_asym_dsr_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 0.091+/-0.062 χ^2/NDF : 21.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.133+/-0.064 χ^2/NDF : 24.8/18

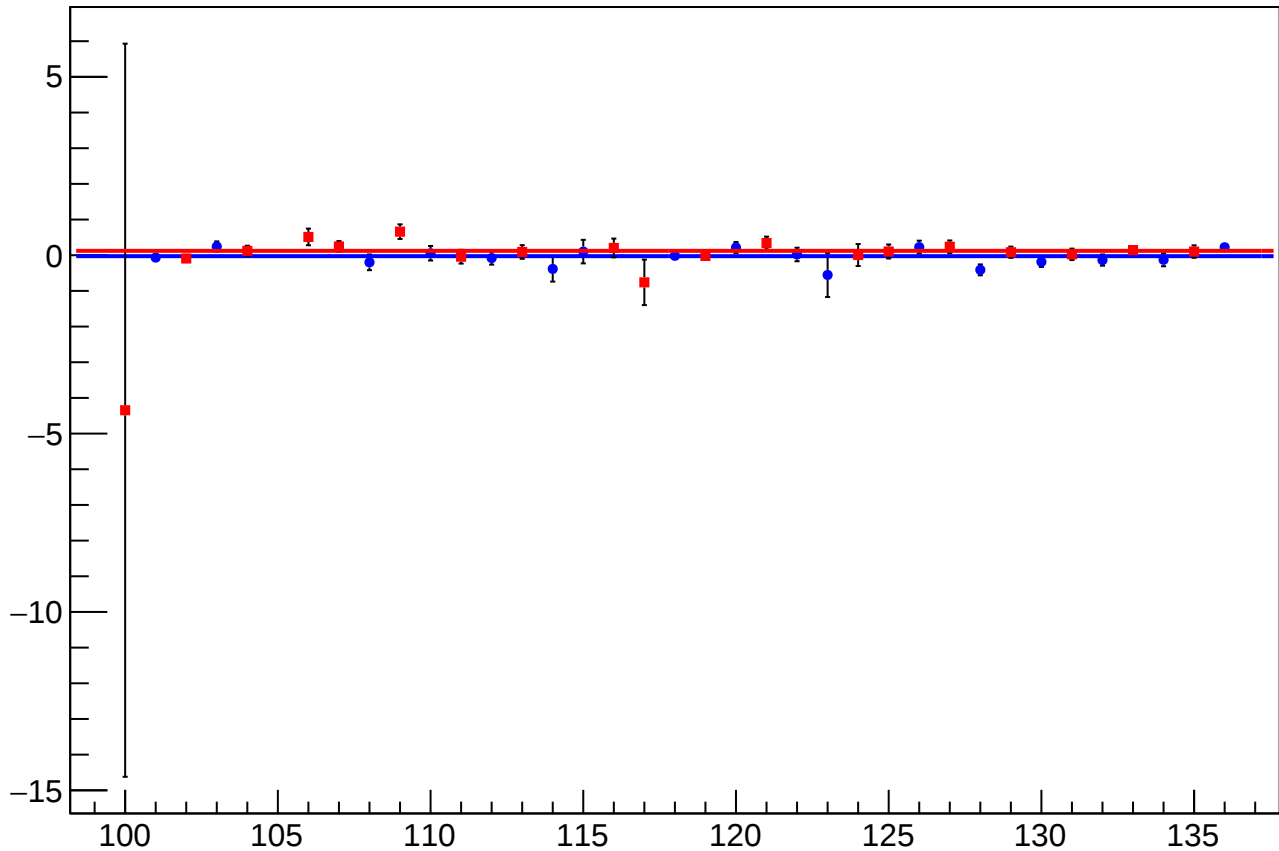
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.091+/-0.062 χ^2/NDF : 21.4/16

-0.017+/-0.045 χ^2/NDF : 52.5/35

-0.133+/-0.064 χ^2/NDF : 24.8/18

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.026 ± 0.037 χ^2/NDF : 22.7/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.123 ± 0.040 χ^2/NDF : 19.9/18

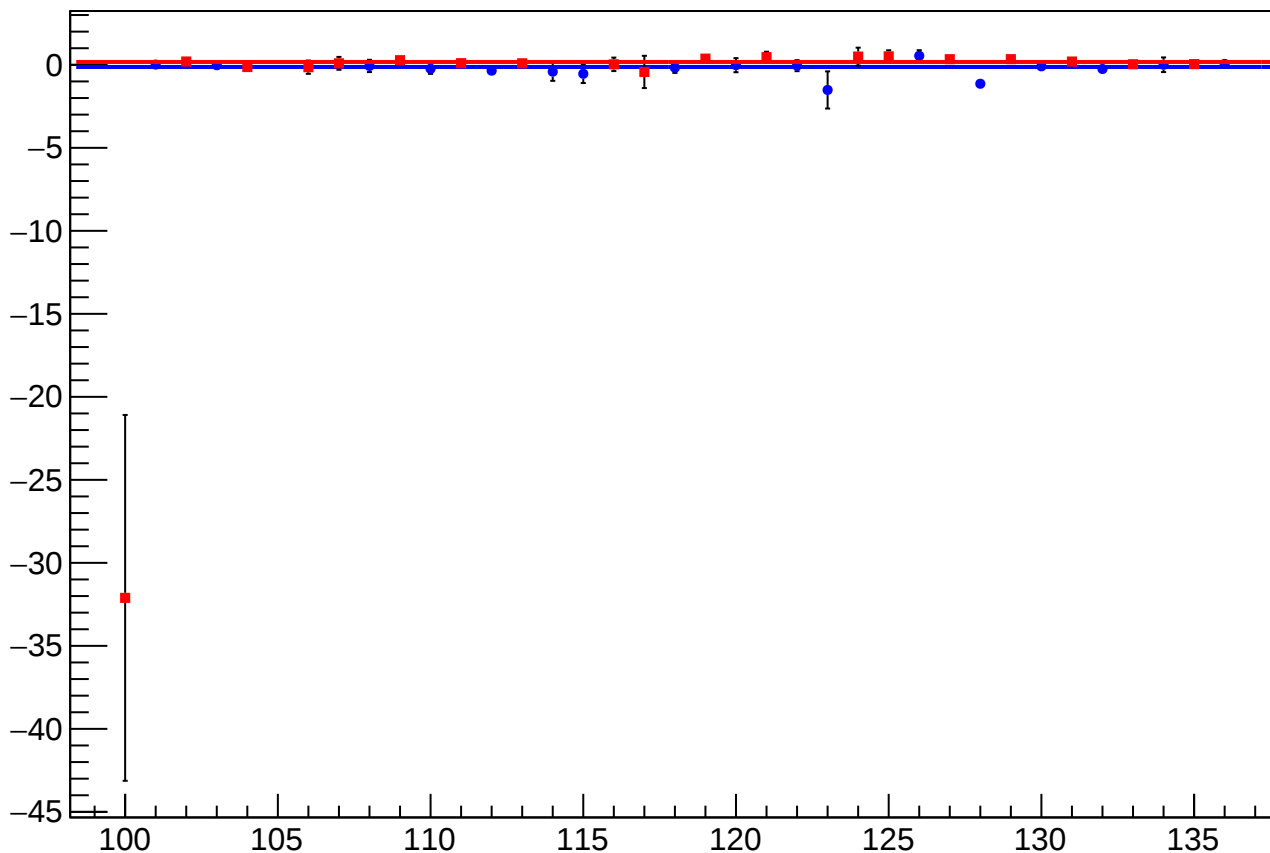
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.026 ± 0.037 χ^2/NDF : 22.7/16

0.043 ± 0.027 χ^2/NDF : 50.2/35

0.123 ± 0.040 χ^2/NDF : 19.9/18

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.129 $\pm$ 0.067 χ^2 /NDF: 23.1/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.172 $\pm$ 0.072 χ^2 /NDF: 15.2/18

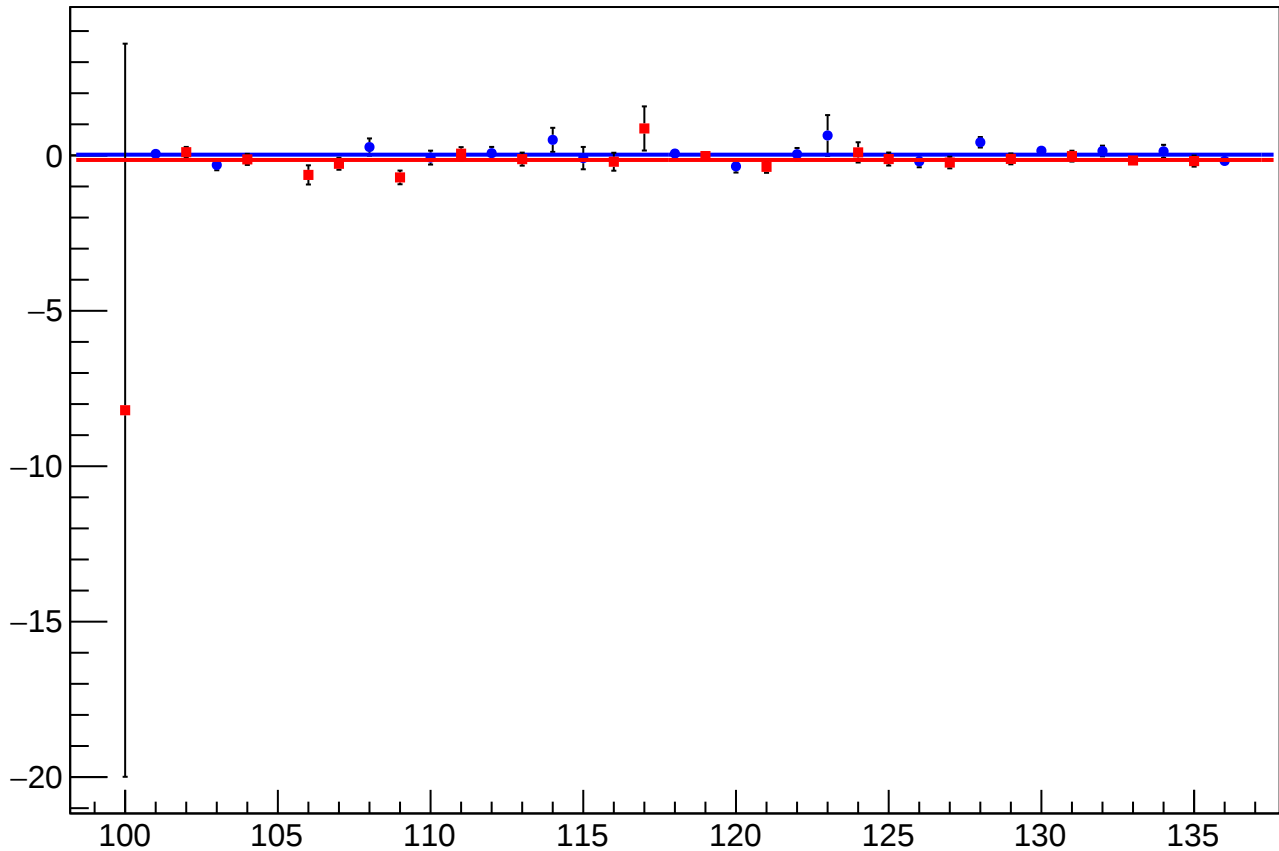
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.129 $\pm$ 0.067 χ^2 /NDF: 23.1/16

0.012 $\pm$ 0.049 χ^2 /NDF: 47.7/35

0.172 $\pm$ 0.072 χ^2 /NDF: 15.2/18

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.023+/-0.043 χ^2/NDF : 21.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.147+/-0.046 χ^2/NDF : 18.5/18

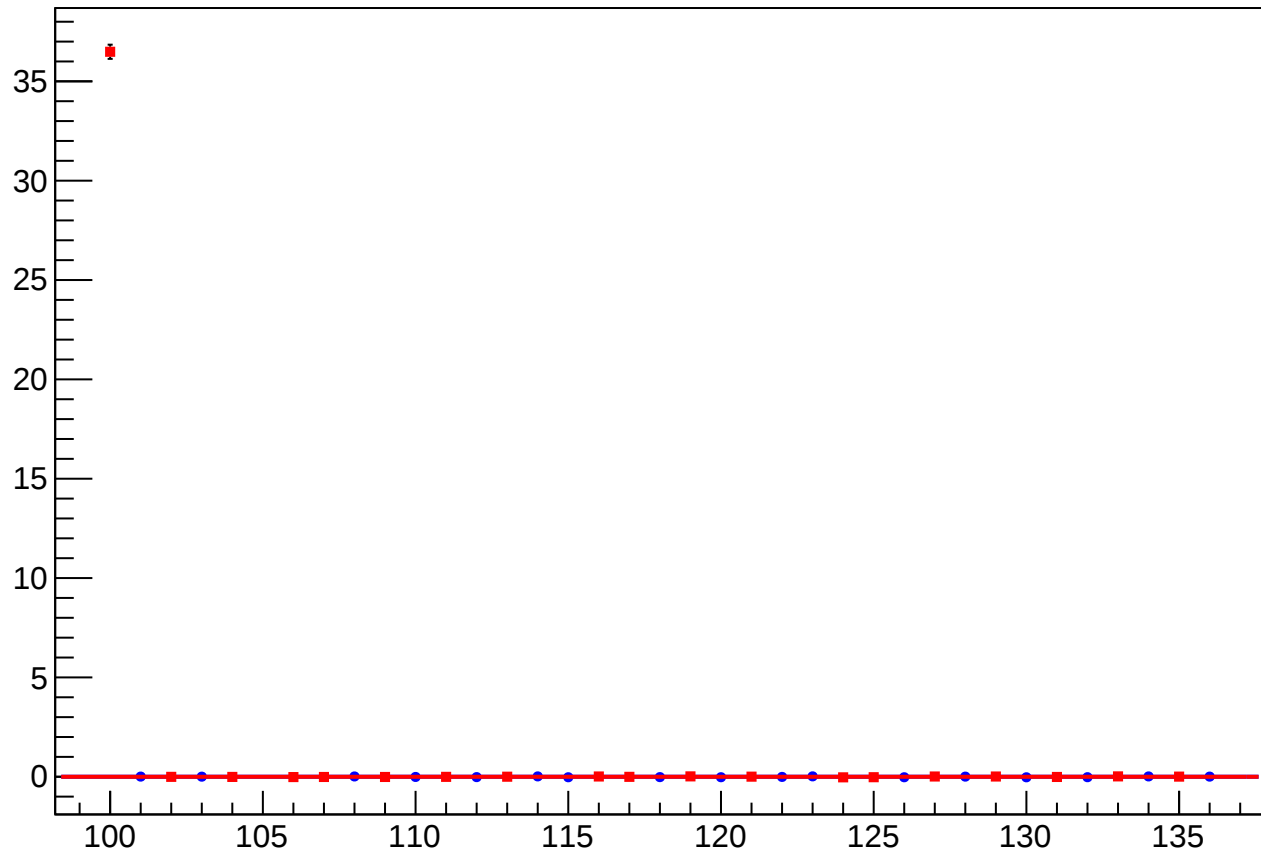
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.023+/-0.043 χ^2/NDF : 21.3/16

-0.055+/-0.031 χ^2/NDF : 47.2/35

-0.147+/-0.046 χ^2/NDF : 18.5/18

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 30.6/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.002 χ^2 /NDF: 10448.8/18

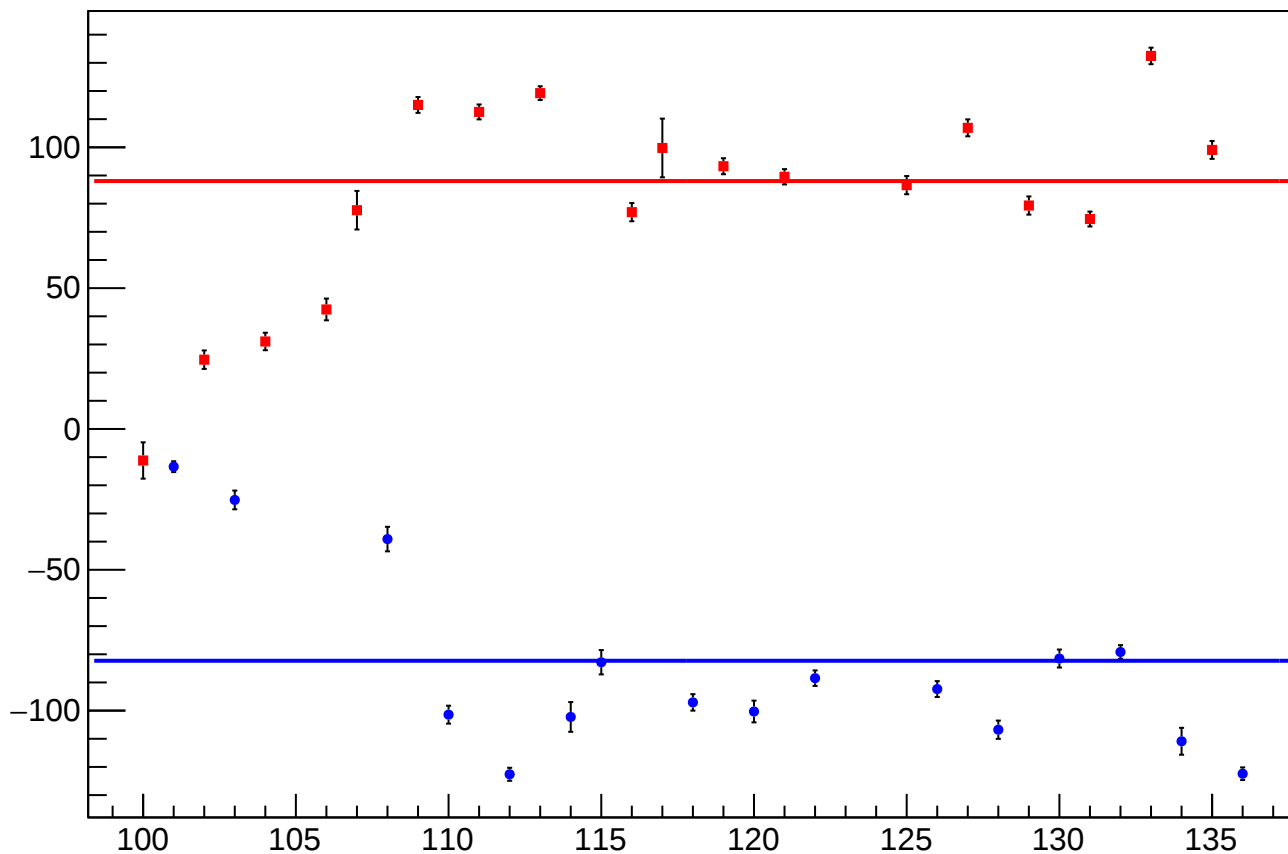
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.001 $\pm$ 0.002 χ^2 /NDF: 30.6/16

0.000 $\pm$ 0.002 χ^2 /NDF: 10480.0/35

-0.001 $\pm$ 0.002 χ^2 /NDF: 10448.8/18

reg_asym_us_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -82.301 ± 0.738 χ^2/NDF : 2510.0/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 88.030 ± 0.752 χ^2/NDF : 1761.5/17

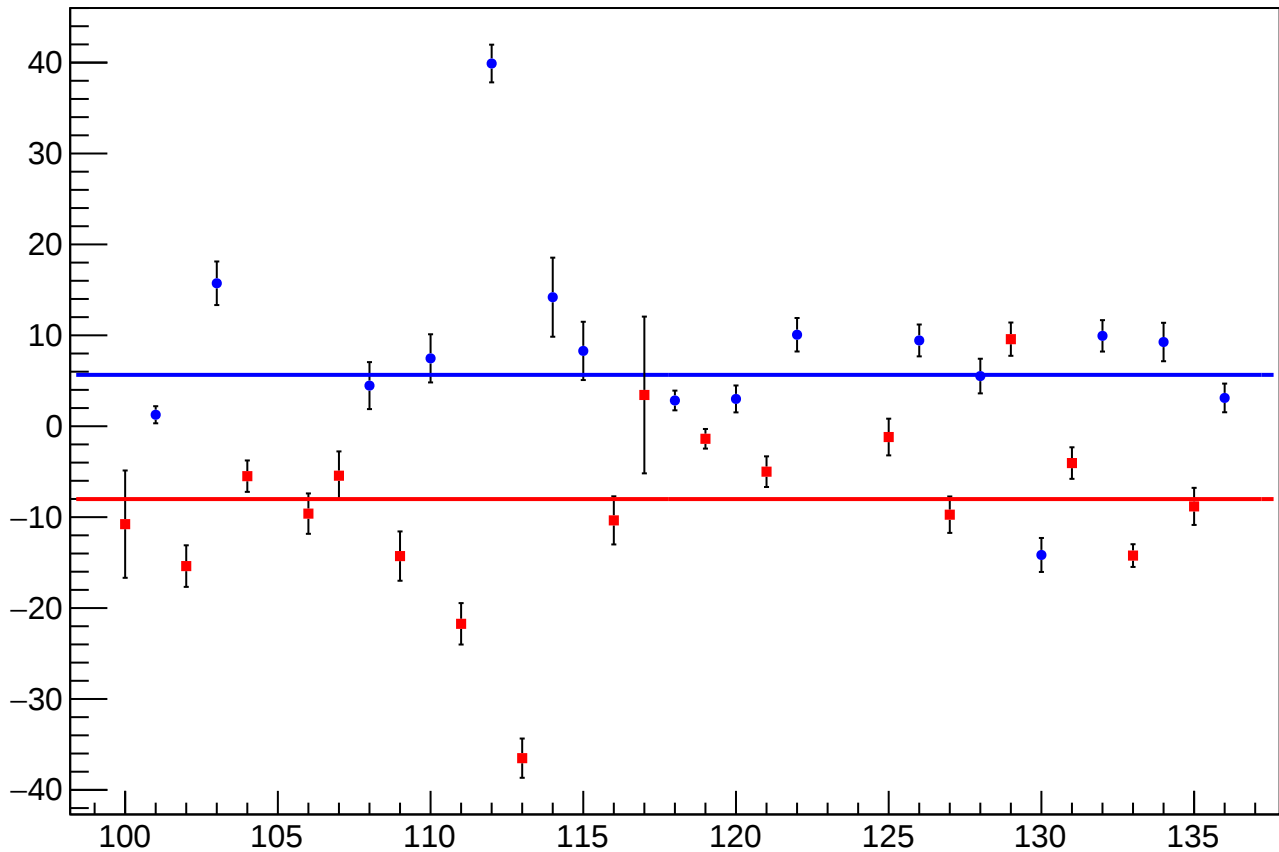
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-82.301 ± 0.738 χ^2/NDF : 2510.0/15

1.338 ± 0.527 χ^2/NDF : 30396.9/33

88.030 ± 0.752 χ^2/NDF : 1761.5/17

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.012 $\pm$ 0.456 χ^2 /NDF: 408.1/17

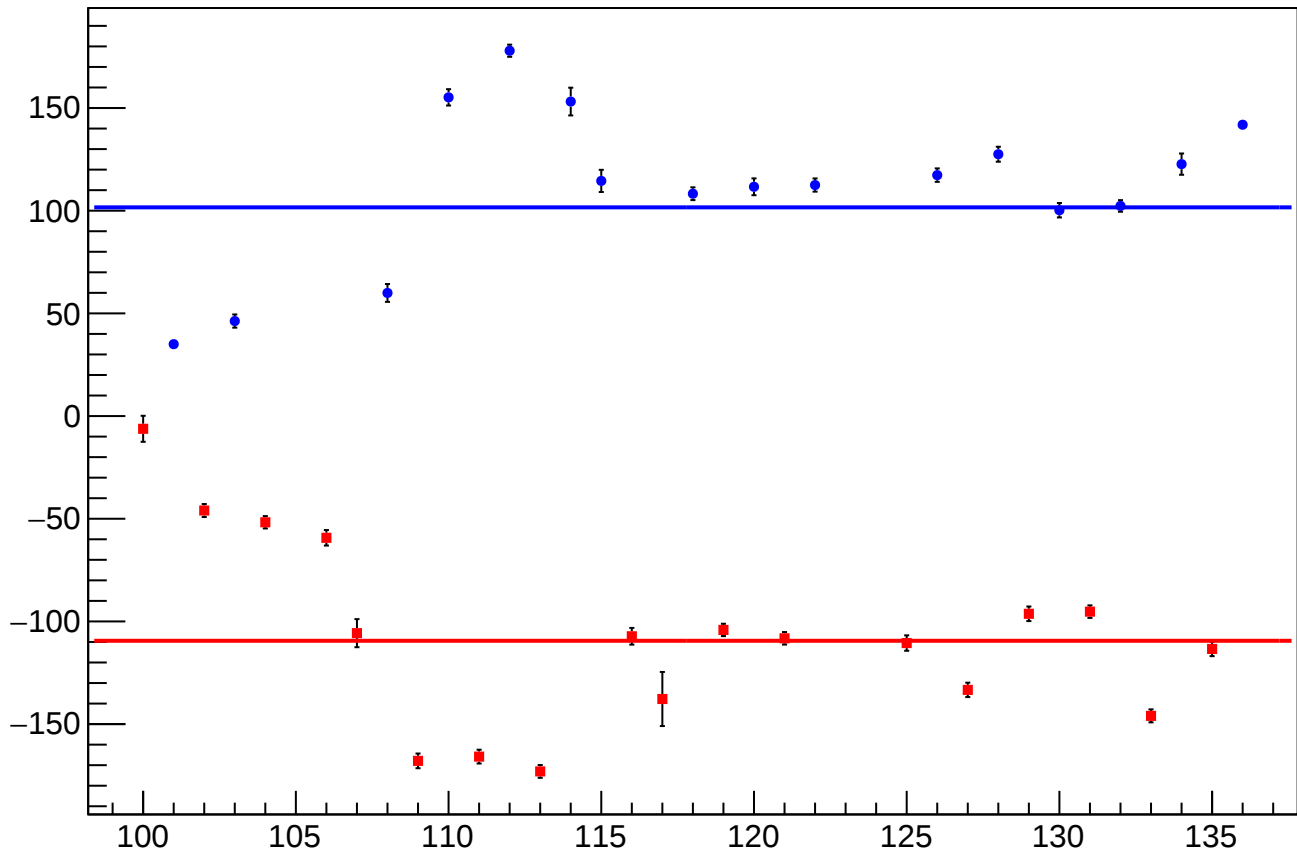
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

5.651 $\pm$ 0.429 χ^2 /NDF: 461.9/15

-0.769 $\pm$ 0.312 χ^2 /NDF: 1346.3/33

-8.012 $\pm$ 0.456 χ^2 /NDF: 408.1/17

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.630+/-0.812 χ^2/NDF : 2980.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -109.423+/-0.844 χ^2/NDF : 2406.1/17

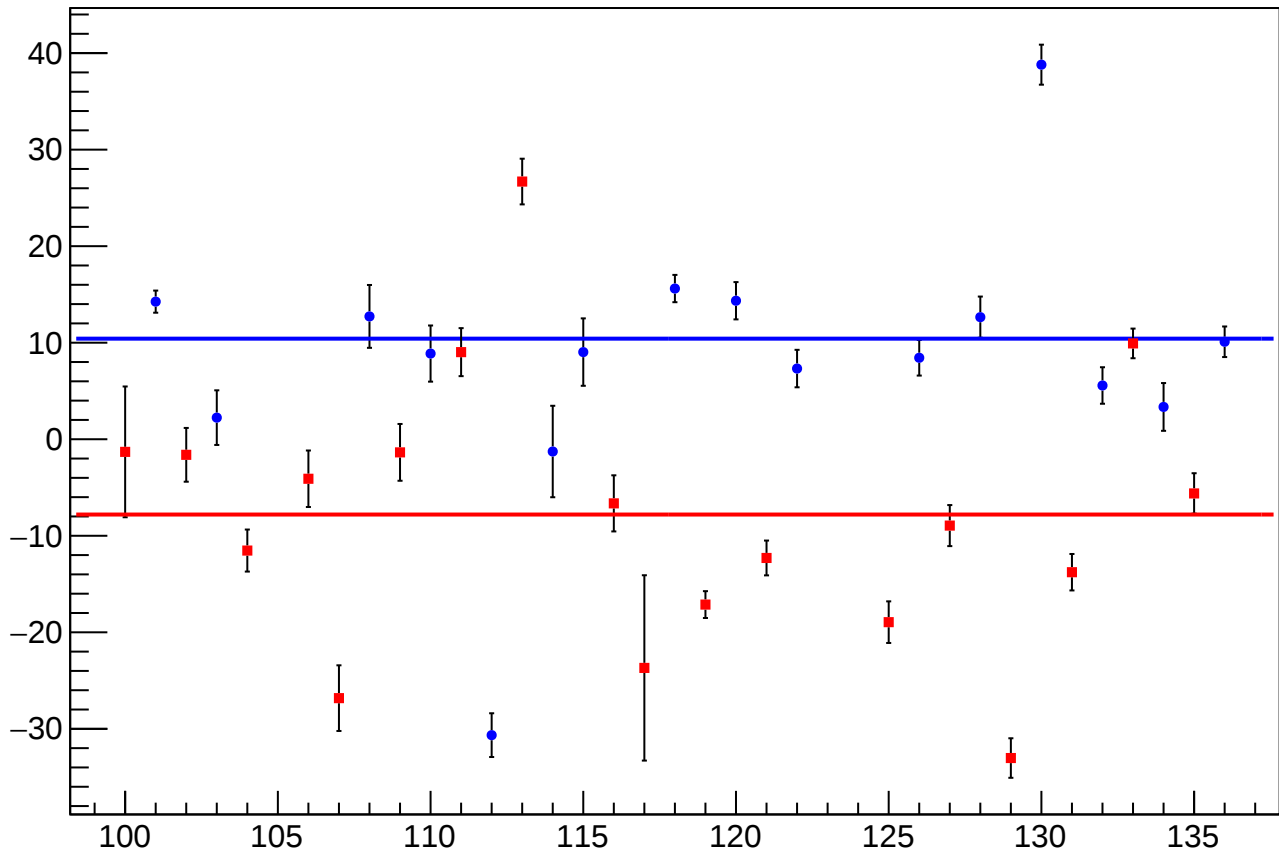
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

101.630+/-0.812 χ^2/NDF : 2980.2/15

0.193+/-0.585 χ^2/NDF : 37850.9/33

-109.423+/-0.844 χ^2/NDF : 2406.1/17

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: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -7.801+/-0.528 χ^2 /NDF: 682.1/17

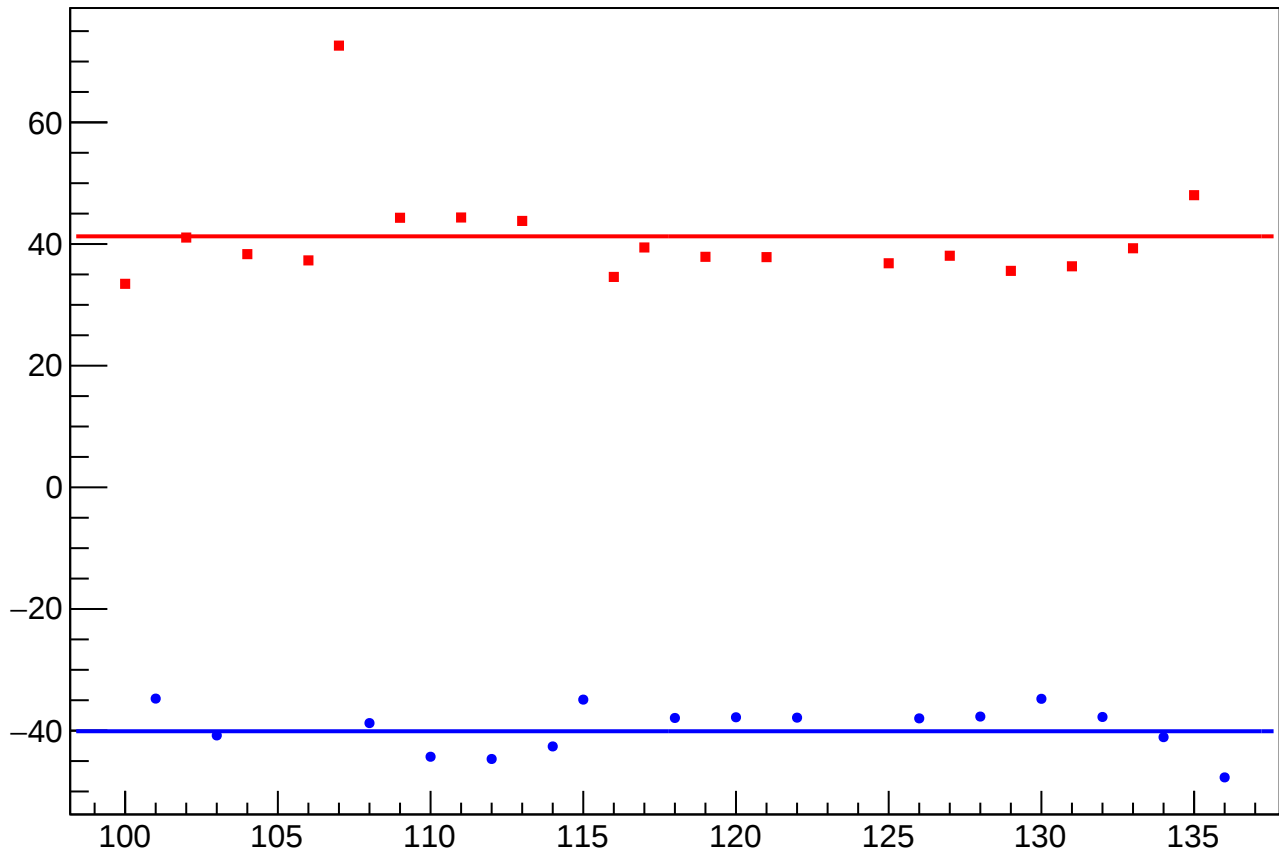
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

10.420+/-0.497 χ^2 /NDF: 579.7/15

1.859+/-0.362 χ^2 /NDF: 1892.4/33

-7.801+/-0.528 χ^2 /NDF: 682.1/17

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: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 41.265 ± 0.029 χ^2/NDF : 58399.2/17

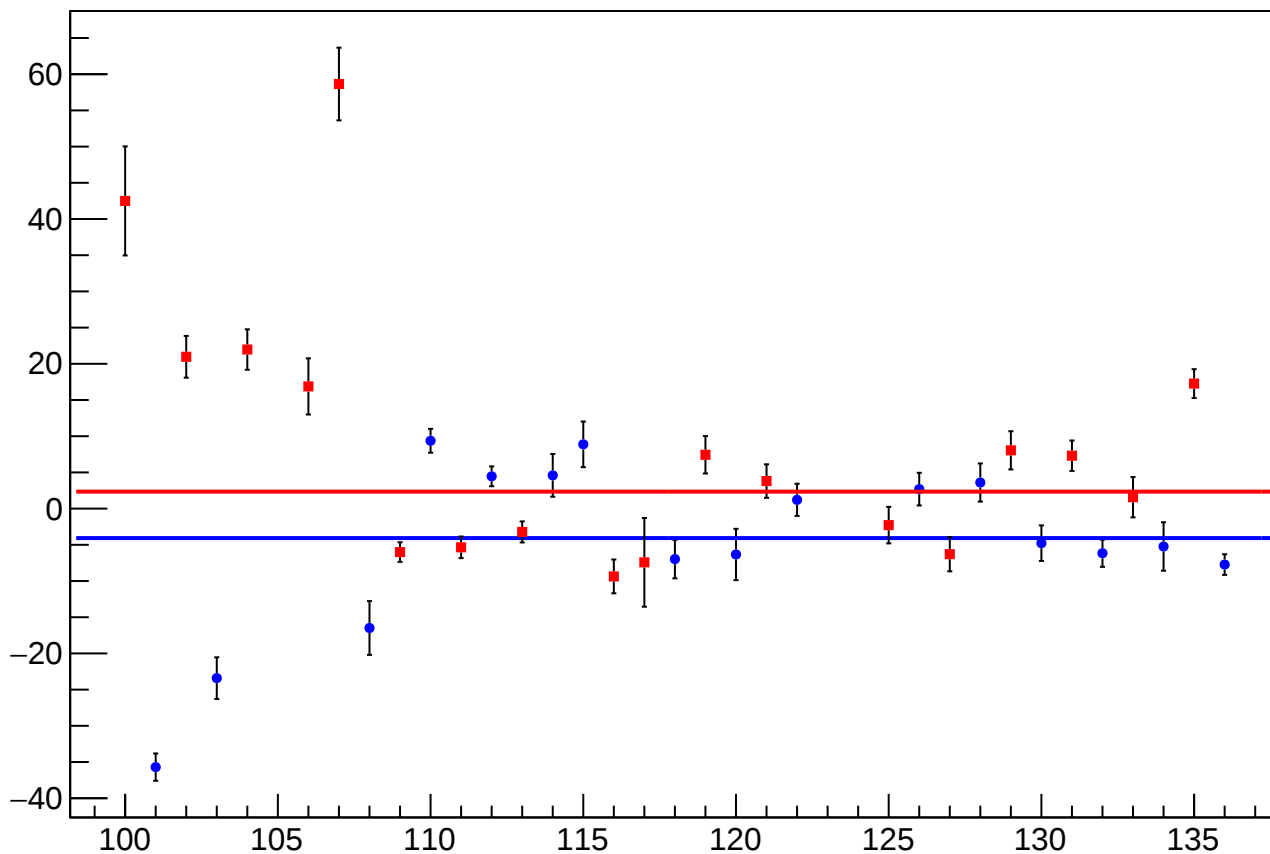
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-40.098 ± 0.028 χ^2/NDF : 25073.4/15

-0.547 ± 0.020 χ^2/NDF : 4096608.8/33

41.265 ± 0.029 χ^2/NDF : 58399.2/17

reg_asym_us_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -4.071 ± 0.544 χ^2/NDF : 500.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.347 ± 0.537 χ^2/NDF : 453.8/17

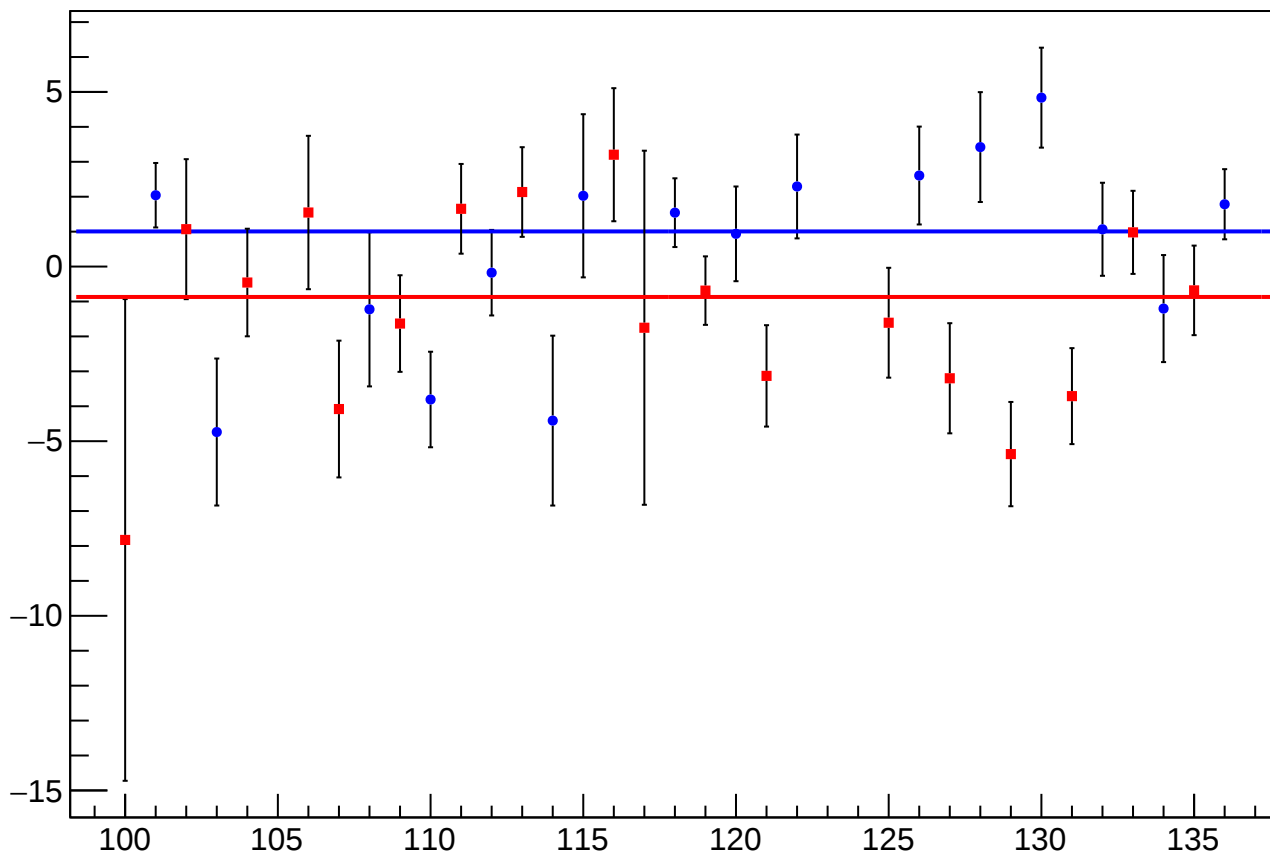
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-4.071 ± 0.544 χ^2/NDF : 500.7/15

-0.820 ± 0.382 χ^2/NDF : 1025.1/33

2.347 ± 0.537 χ^2/NDF : 453.8/17

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.006 $\pm$ 0.342 χ^2 /NDF: 42.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.870 $\pm$ 0.358 χ^2 /NDF: 40.8/17

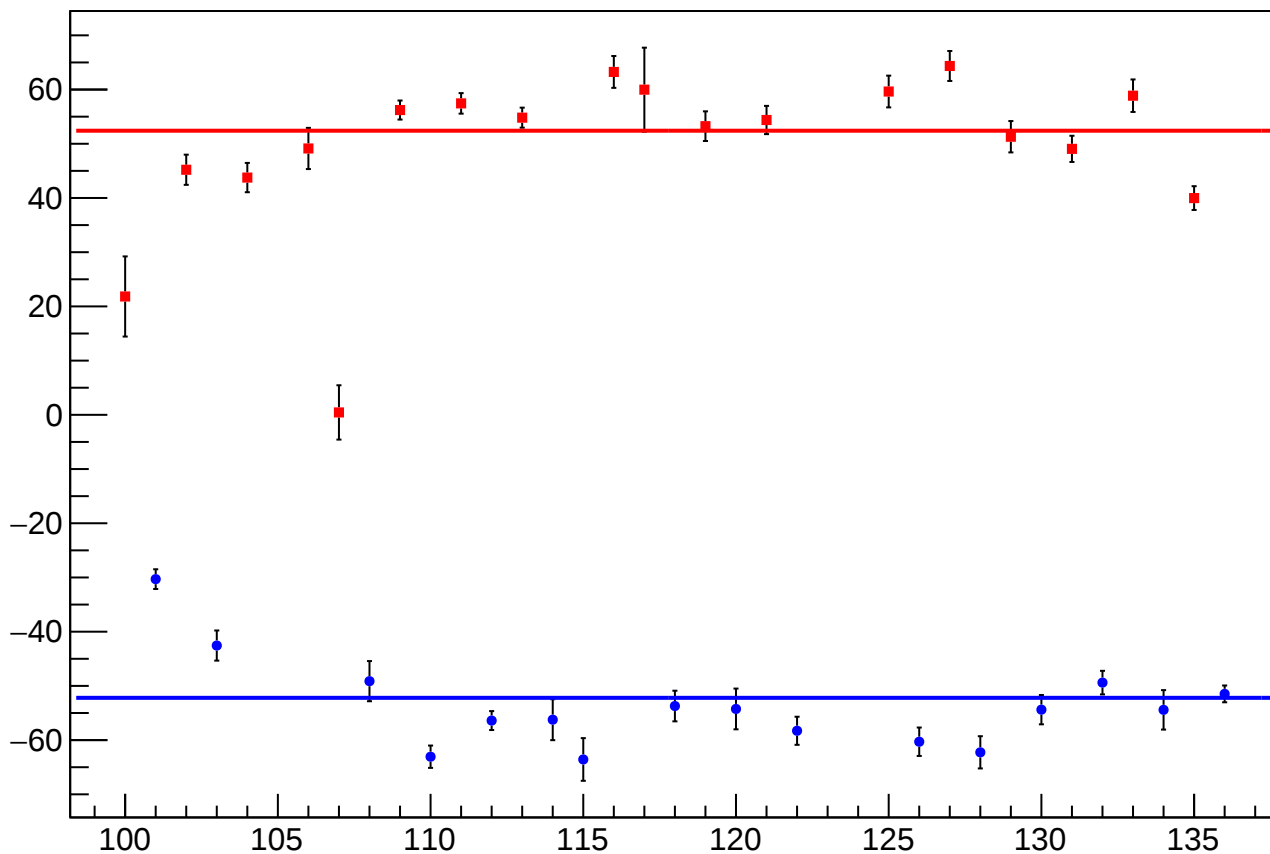
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

1.006 $\pm$ 0.342 χ^2 /NDF: 42.7/15

0.111 $\pm$ 0.247 χ^2 /NDF: 98.0/33

-0.870 $\pm$ 0.358 χ^2 /NDF: 40.8/17

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.200 ± 0.615 χ^2/NDF : 230.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 52.408 ± 0.625 χ^2/NDF : 234.7/17

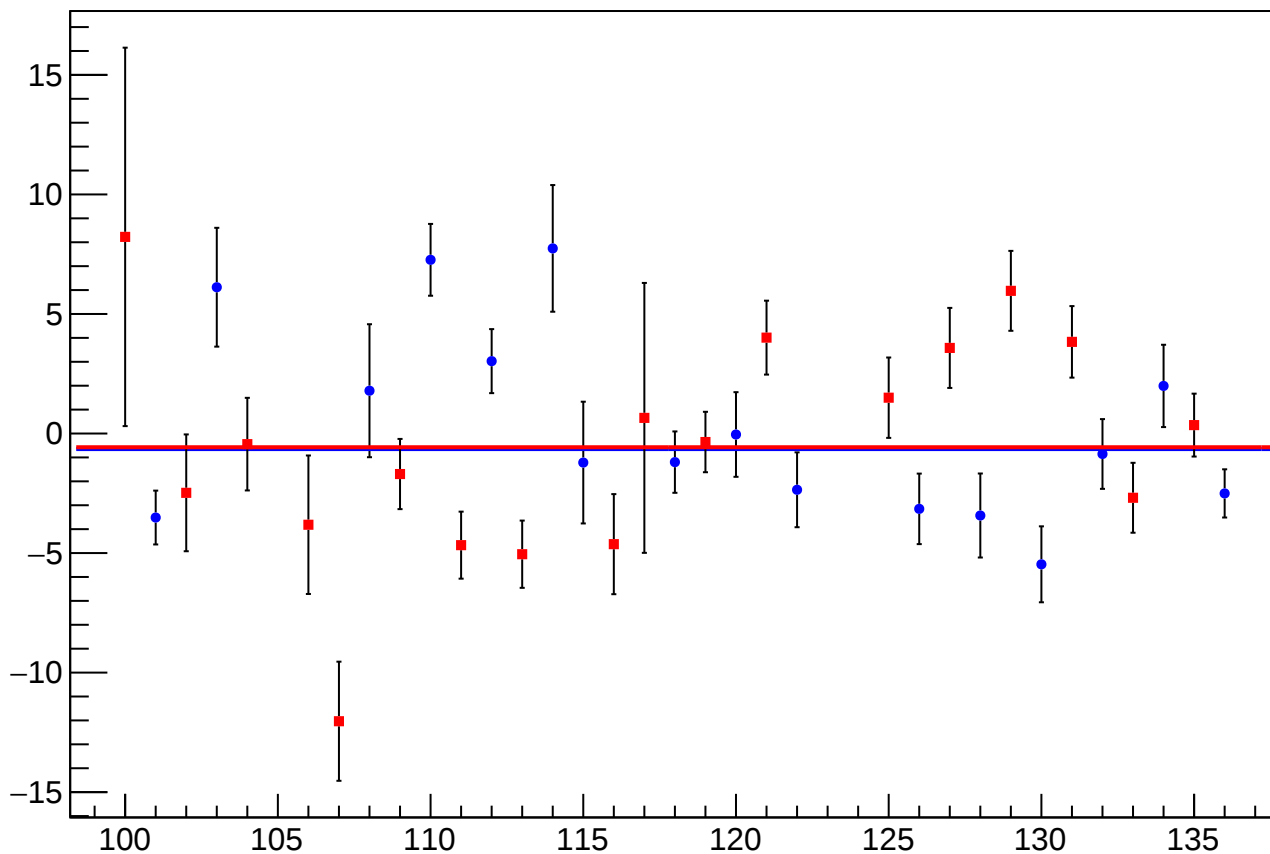
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-52.200 ± 0.615 χ^2/NDF : 230.6/15

-0.762 ± 0.438 χ^2/NDF : 14710.1/33

52.408 ± 0.625 χ^2/NDF : 234.7/17

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.574+/-0.406 χ^2/NDF : 90.4/17

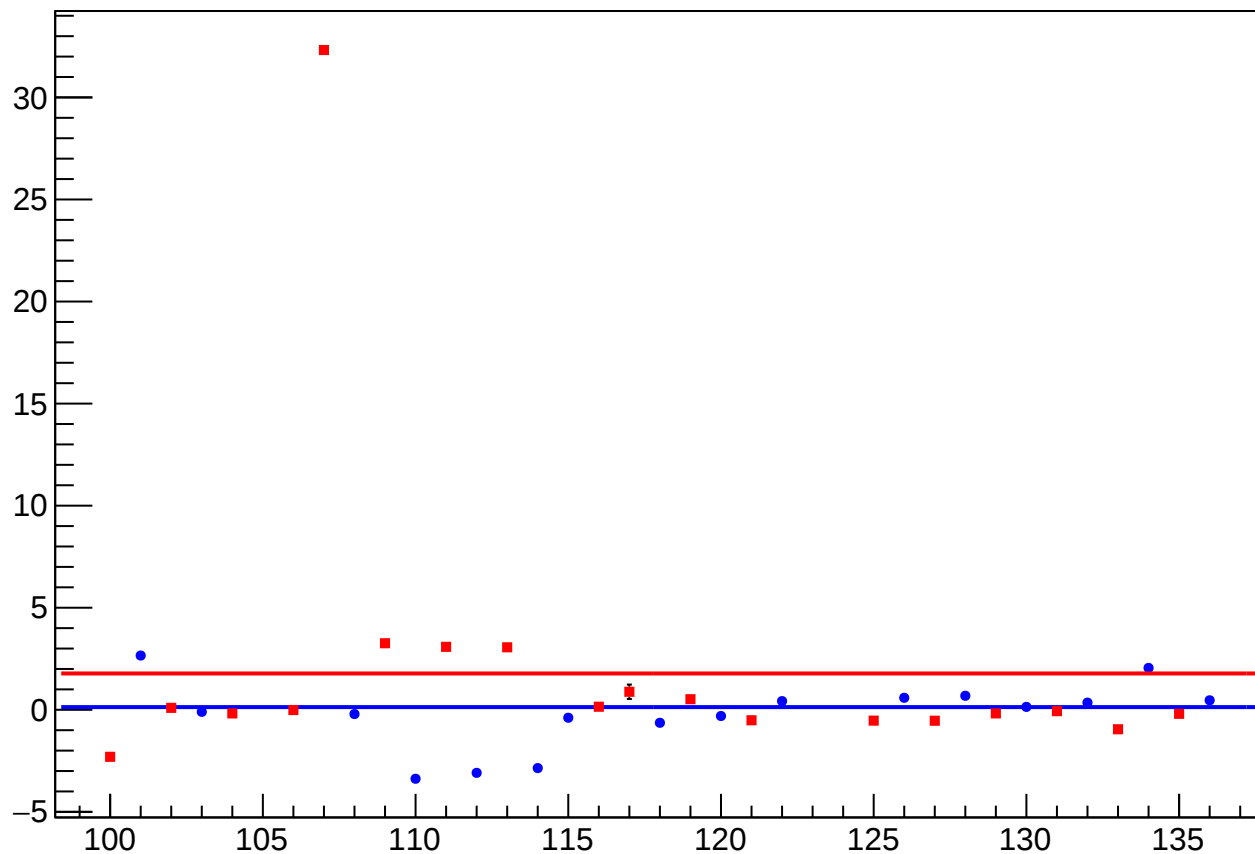
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.651+/-0.387 χ^2/NDF : 81.9/15

-0.614+/-0.280 χ^2/NDF : 172.3/33

-0.574+/-0.406 χ^2/NDF : 90.4/17

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.780+/-0.022 χ^2/NDF : 77160.8/17

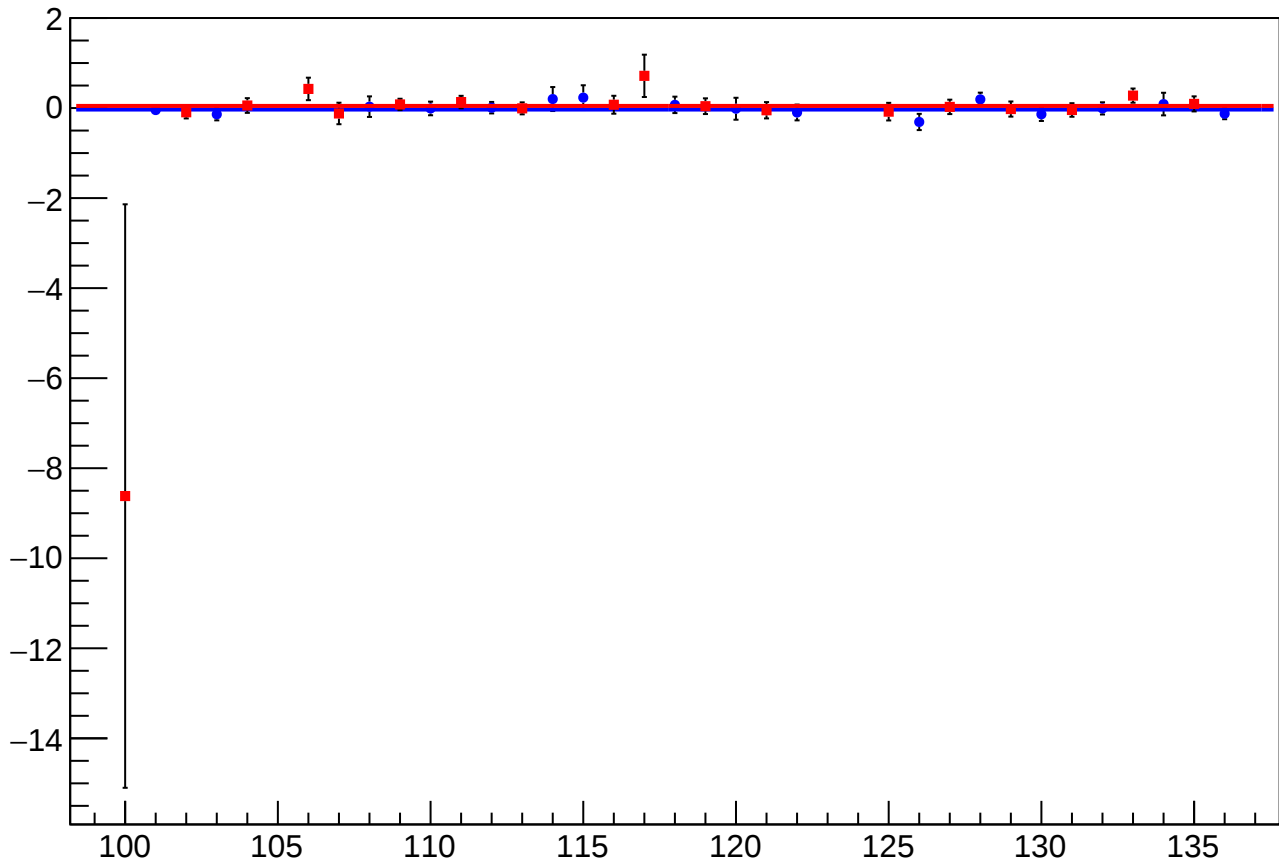
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.132+/-0.022 χ^2/NDF : 5247.5/15

0.921+/-0.016 χ^2/NDF : 85209.1/33

1.780+/-0.022 χ^2/NDF : 77160.8/17

reg_asym_ds_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.033+/-0.039 χ^2/NDF : 9.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.048+/-0.041 χ^2/NDF : 11.7/17

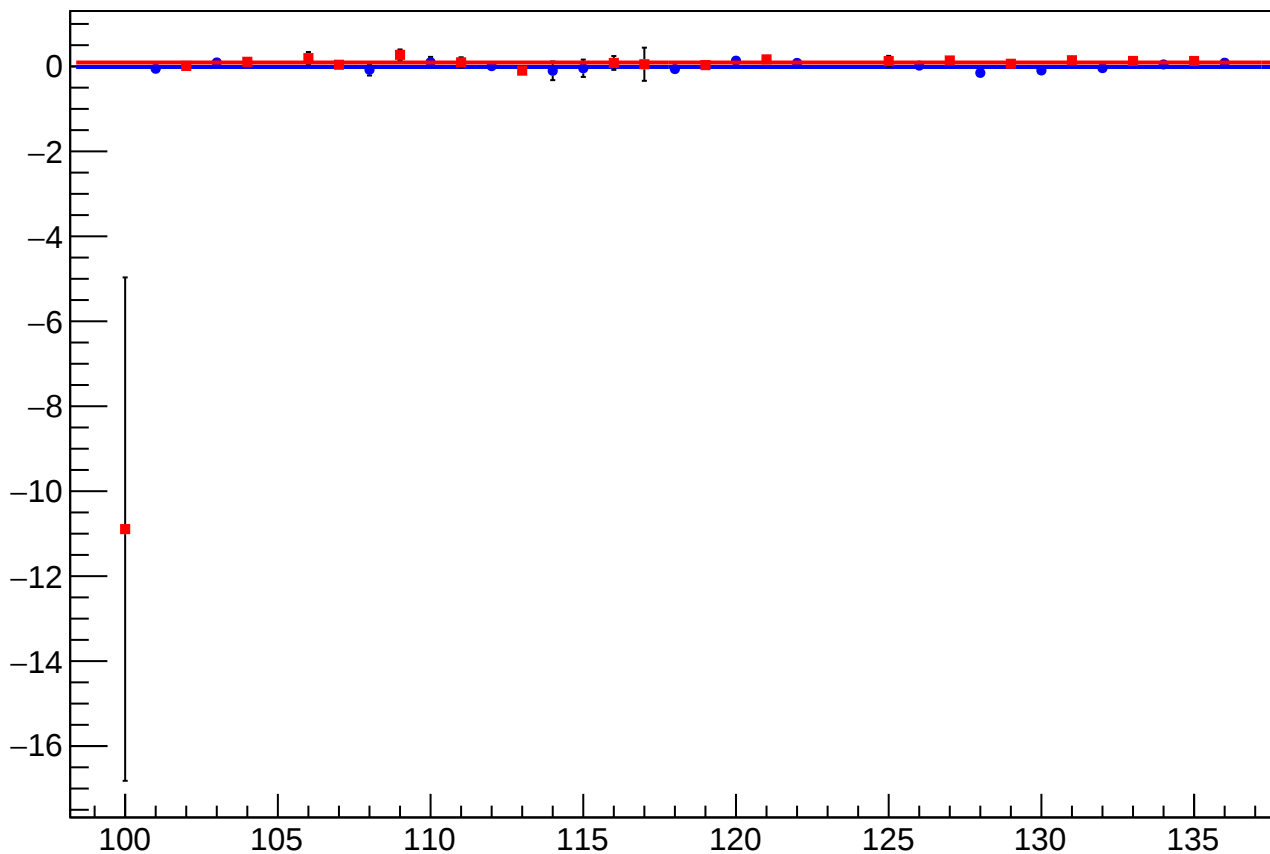
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.033+/-0.039 χ^2/NDF : 9.0/15

0.006+/-0.028 χ^2/NDF : 22.7/33

0.048+/-0.041 χ^2/NDF : 11.7/17

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.092 $\pm$ 0.025 χ^2 /NDF: 12.1/17

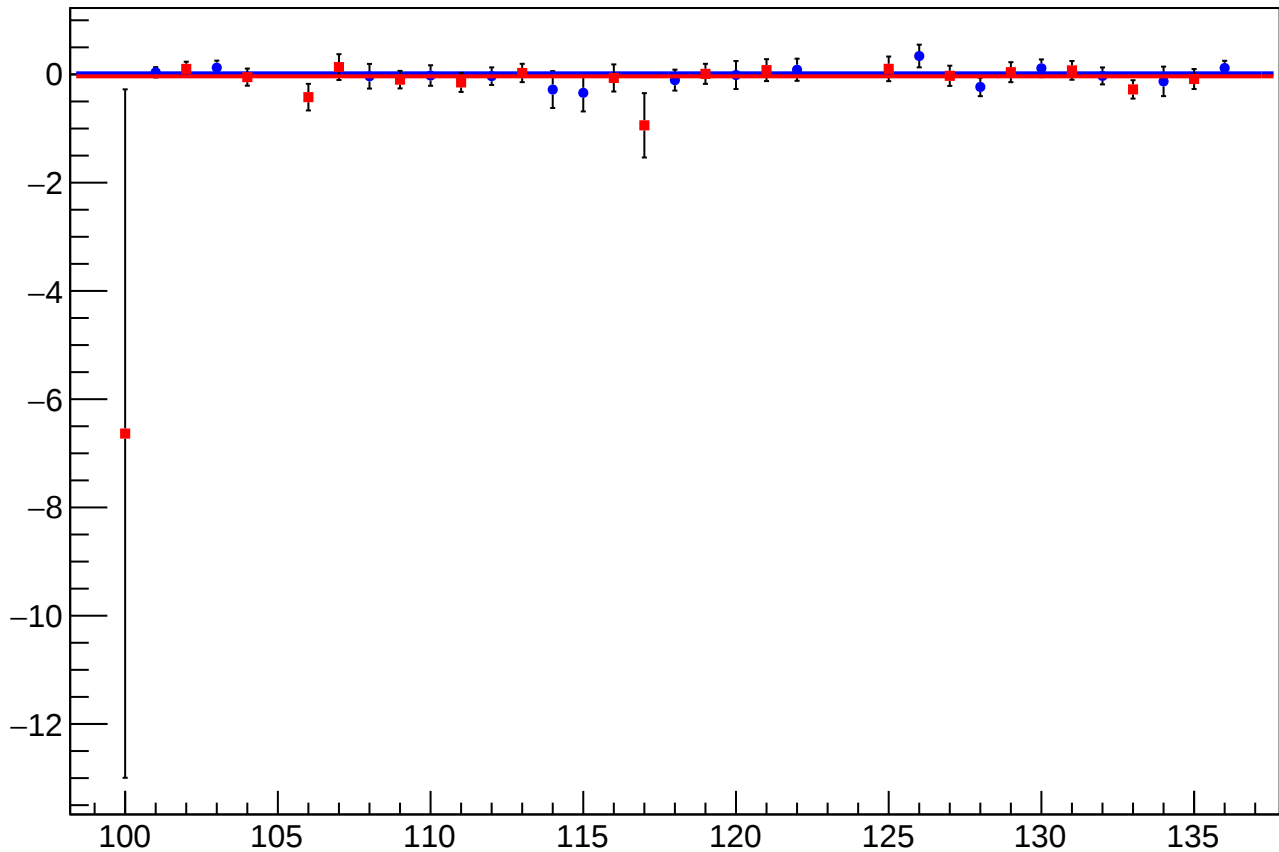
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.013 $\pm$ 0.023 χ^2 /NDF: 11.7/15

0.036 $\pm$ 0.017 χ^2 /NDF: 33.2/33

0.092 $\pm$ 0.025 χ^2 /NDF: 12.1/17

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.043 χ^2/NDF : 9.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.035 $\pm$ 0.045 χ^2/NDF : 11.6/17

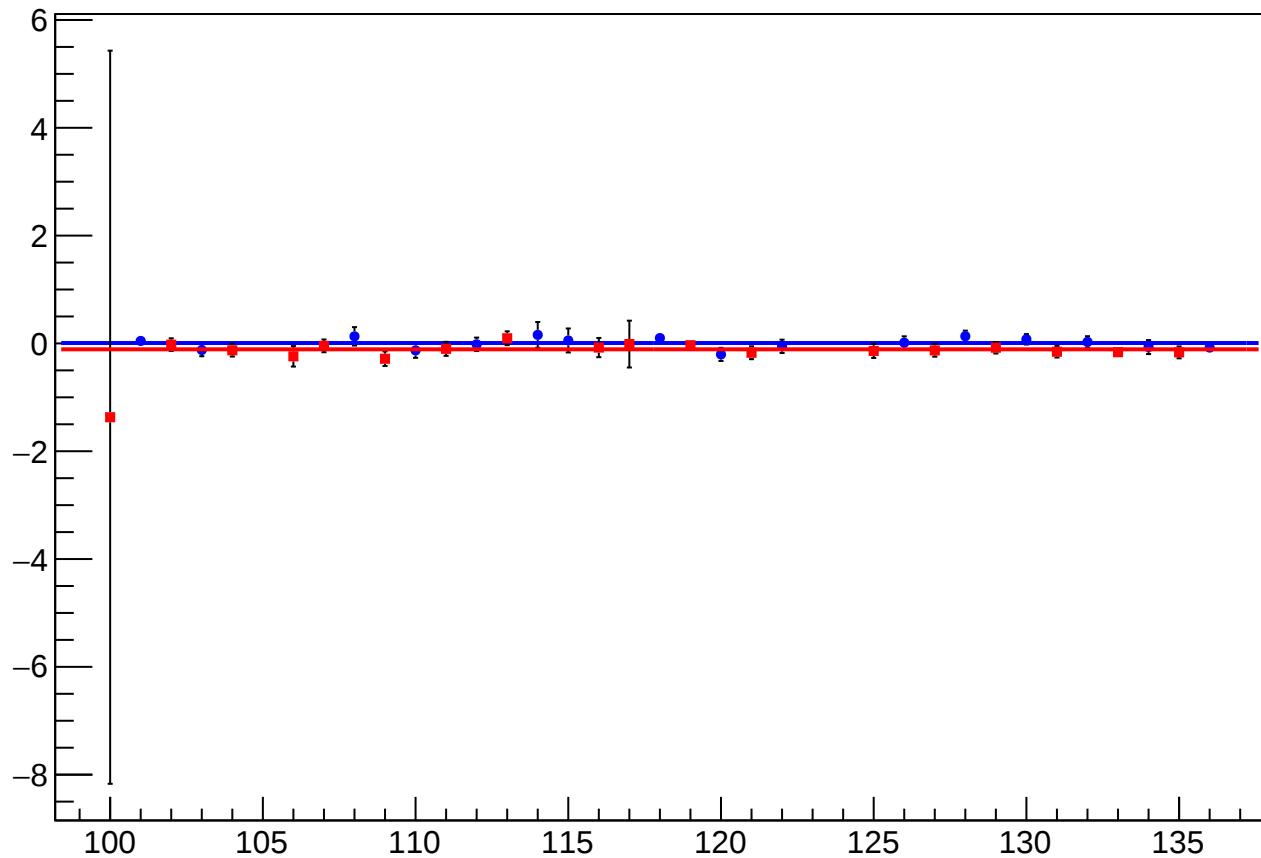
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.020 $\pm$ 0.043 χ^2/NDF : 9.1/15

-0.006 $\pm$ 0.031 χ^2/NDF : 21.4/33

-0.035 $\pm$ 0.045 χ^2/NDF : 11.6/17

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.007 ± 0.027 χ^2/NDF : 11.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.110 ± 0.029 χ^2/NDF : 7.7/17

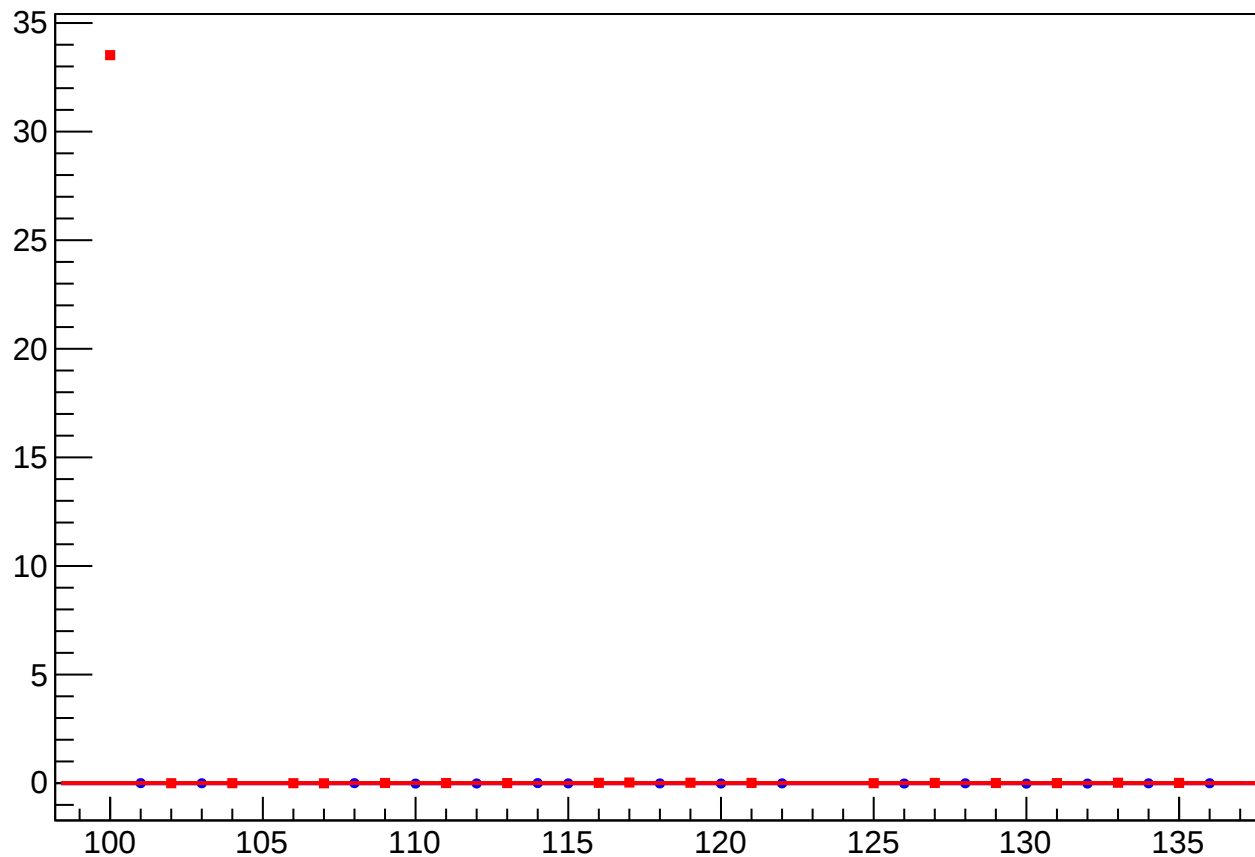
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.007 ± 0.027 χ^2/NDF : 11.3/15

-0.047 ± 0.020 χ^2/NDF : 27.7/33

-0.110 ± 0.029 χ^2/NDF : 7.7/17

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.001 χ^2 /NDF: 21.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.006 $\pm$ 0.001 χ^2 /NDF: 26508.8/17

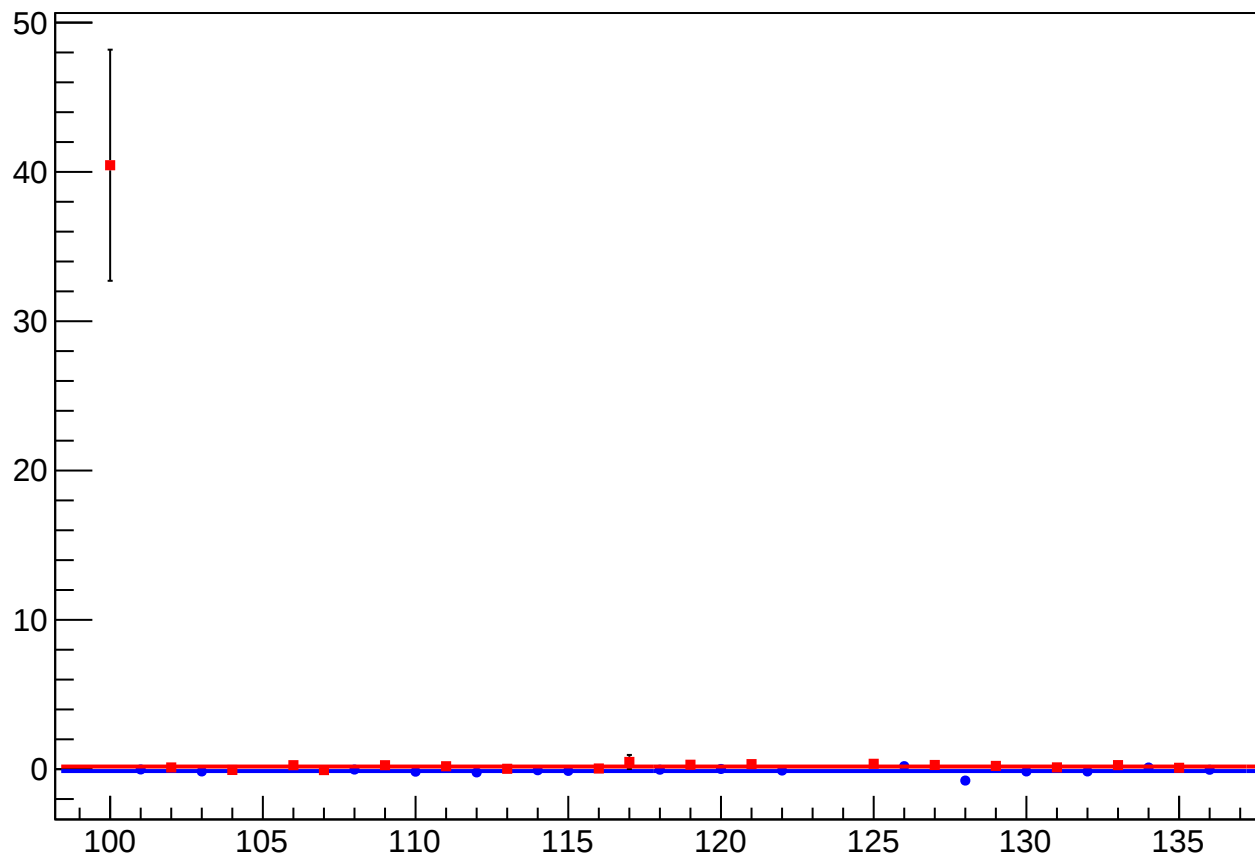
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-0.005 $\pm$ 0.001 χ^2 /NDF: 21.8/15

0.000 $\pm$ 0.001 χ^2 /NDF: 26561.4/33

0.006 $\pm$ 0.001 χ^2 /NDF: 26508.8/17

reg_asym_ds_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.127 ± 0.039 χ^2/NDF : 25.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.176 ± 0.041 χ^2/NDF : 36.4/17

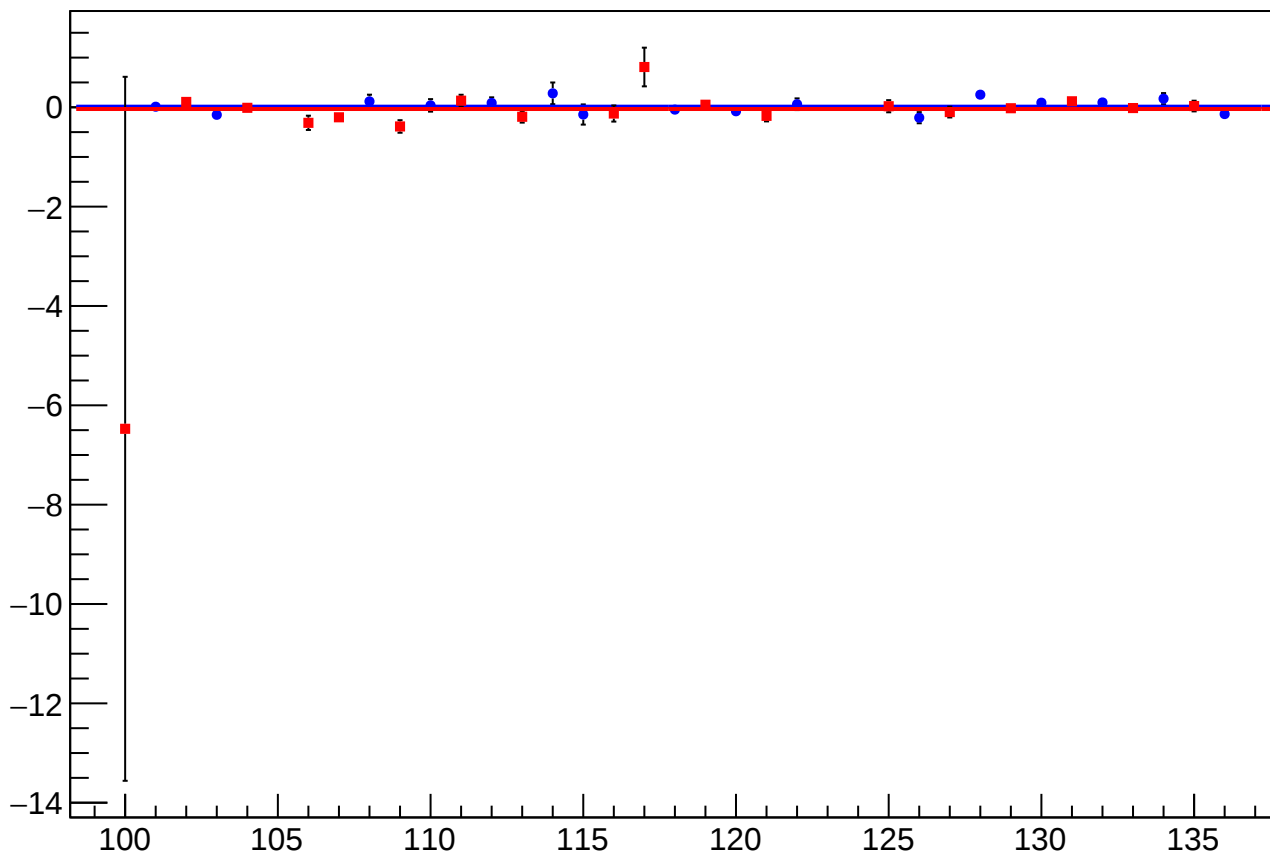
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.127 ± 0.039 χ^2/NDF : 25.5/15

0.021 ± 0.028 χ^2/NDF : 90.7/33

0.176 ± 0.041 χ^2/NDF : 36.4/17

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.035 $\pm$ 0.025 χ^2 /NDF: 33.2/17

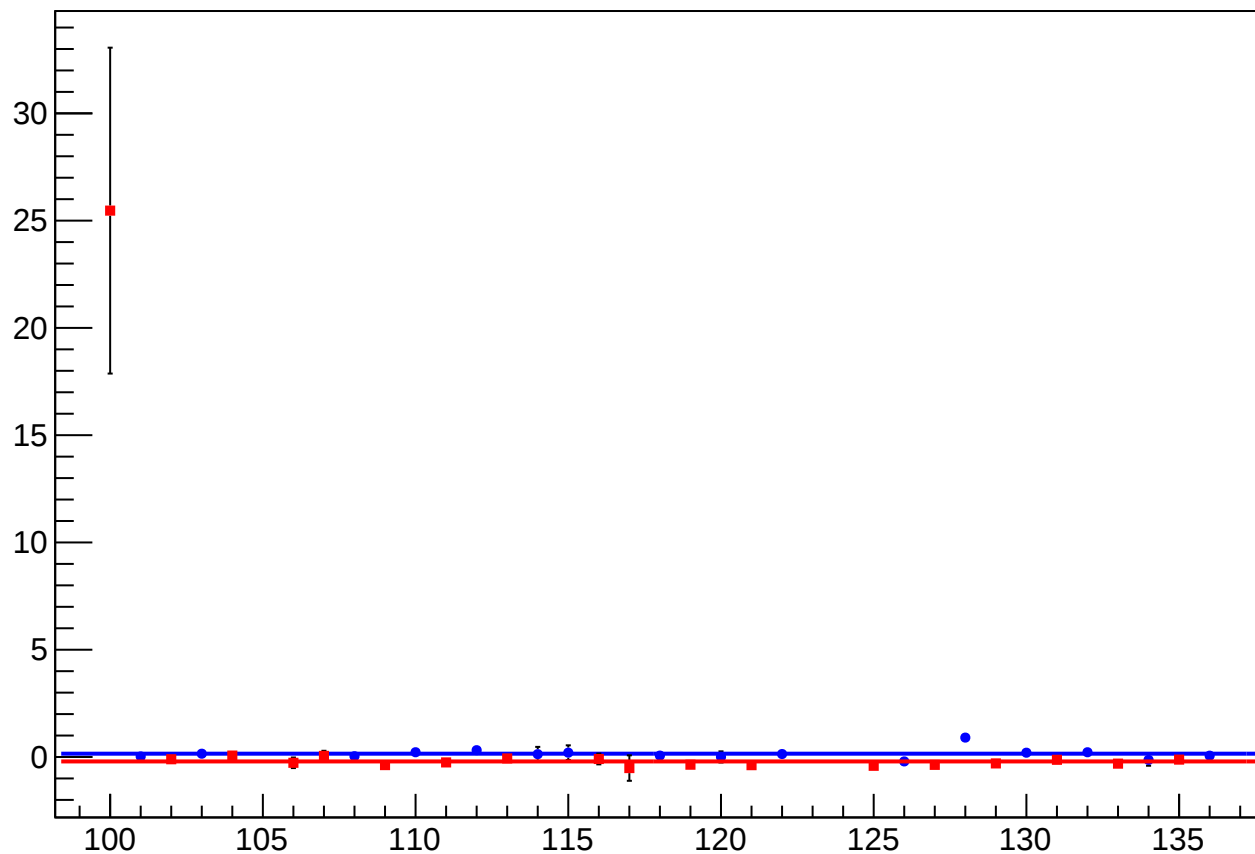
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.012 $\pm$ 0.023 χ^2 /NDF: 25.0/15

-0.010 $\pm$ 0.017 χ^2 /NDF: 60.1/33

-0.035 $\pm$ 0.025 χ^2 /NDF: 33.2/17

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.207+/-0.045 χ^2/NDF : 22.6/17

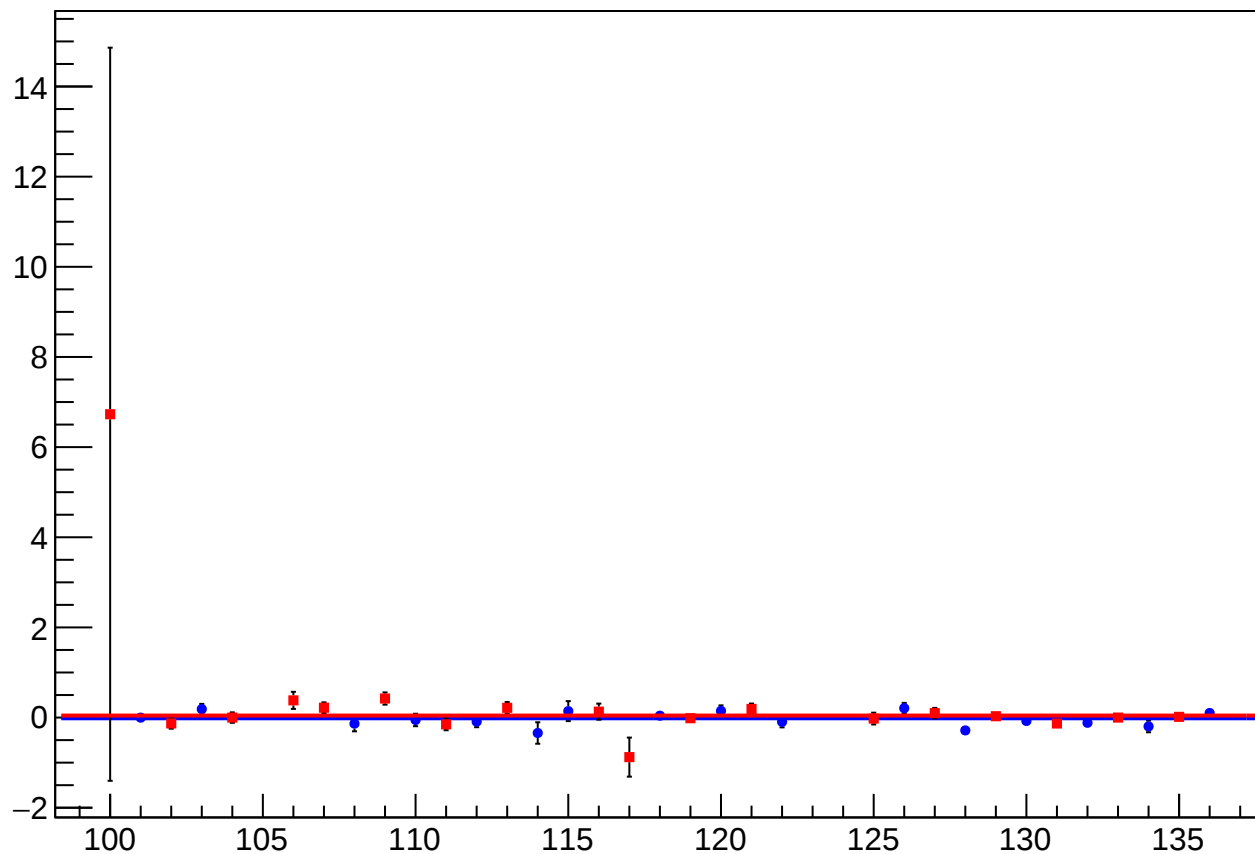
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.154+/-0.043 χ^2/NDF : 27.9/15

-0.016+/-0.031 χ^2/NDF : 83.8/33

-0.207+/-0.045 χ^2/NDF : 22.6/17

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: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.044+/-0.029 χ^2 /NDF: 30.5/17

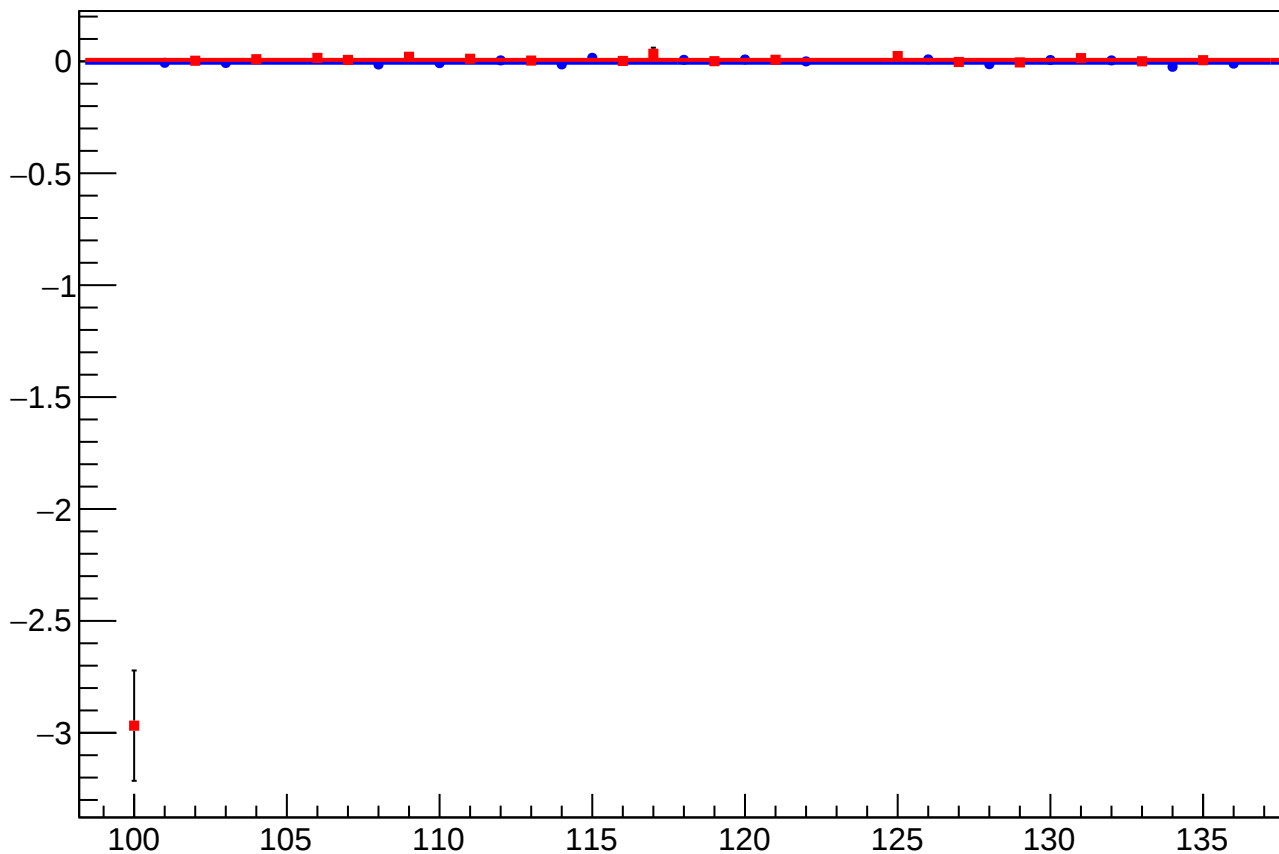
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.016+/-0.027 χ^2 /NDF: 24.3/15

0.012+/-0.020 χ^2 /NDF: 57.1/33

0.044+/-0.029 χ^2 /NDF: 30.5/17

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.007 $\pm$ 0.001 χ^2 /NDF: 164.3/17

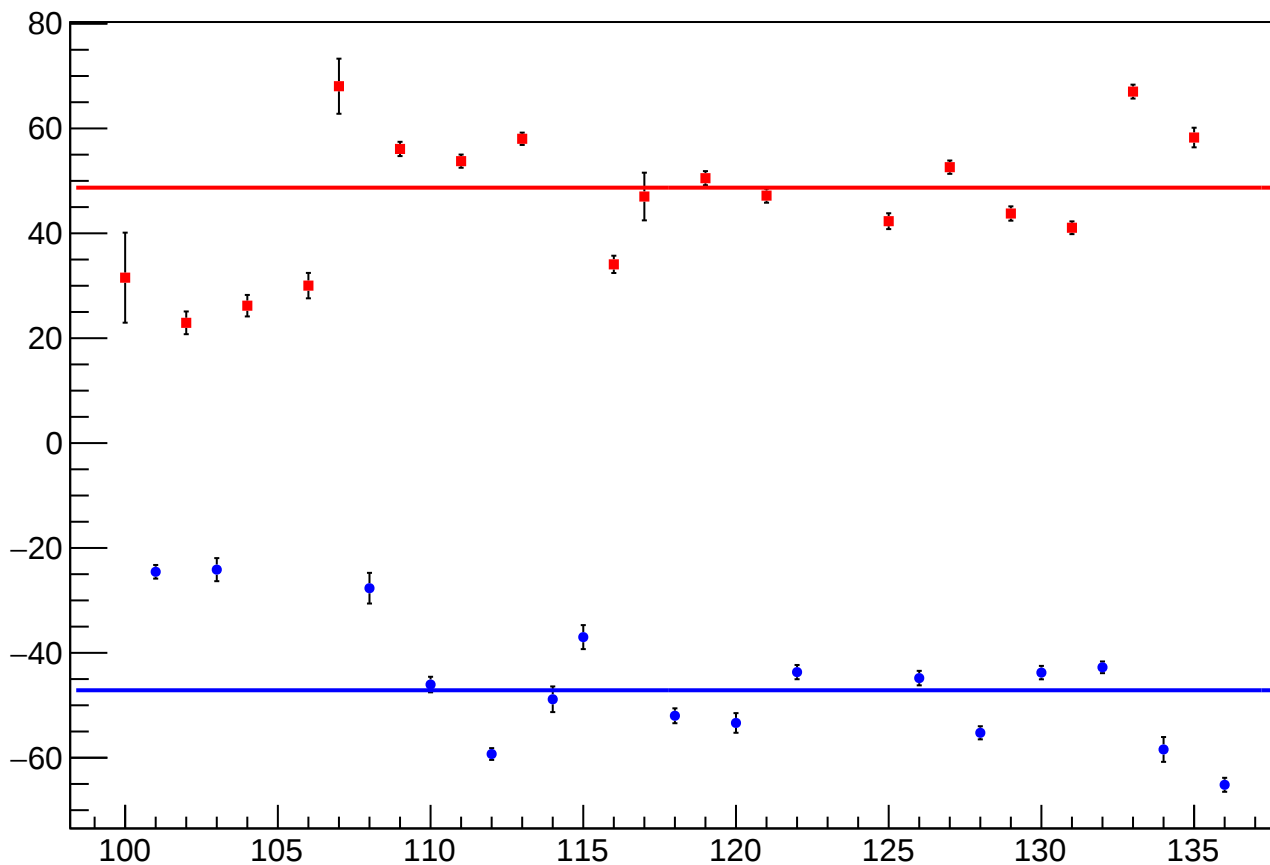
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.006 $\pm$ 0.001 χ^2 /NDF: 27.3/15

-0.000 $\pm$ 0.001 χ^2 /NDF: 229.0/33

0.007 $\pm$ 0.001 χ^2 /NDF: 164.3/17

reg_asym_left_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -47.135 ± 0.374 χ^2/NDF : 894.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 48.708 ± 0.373 χ^2/NDF : 825.9/17

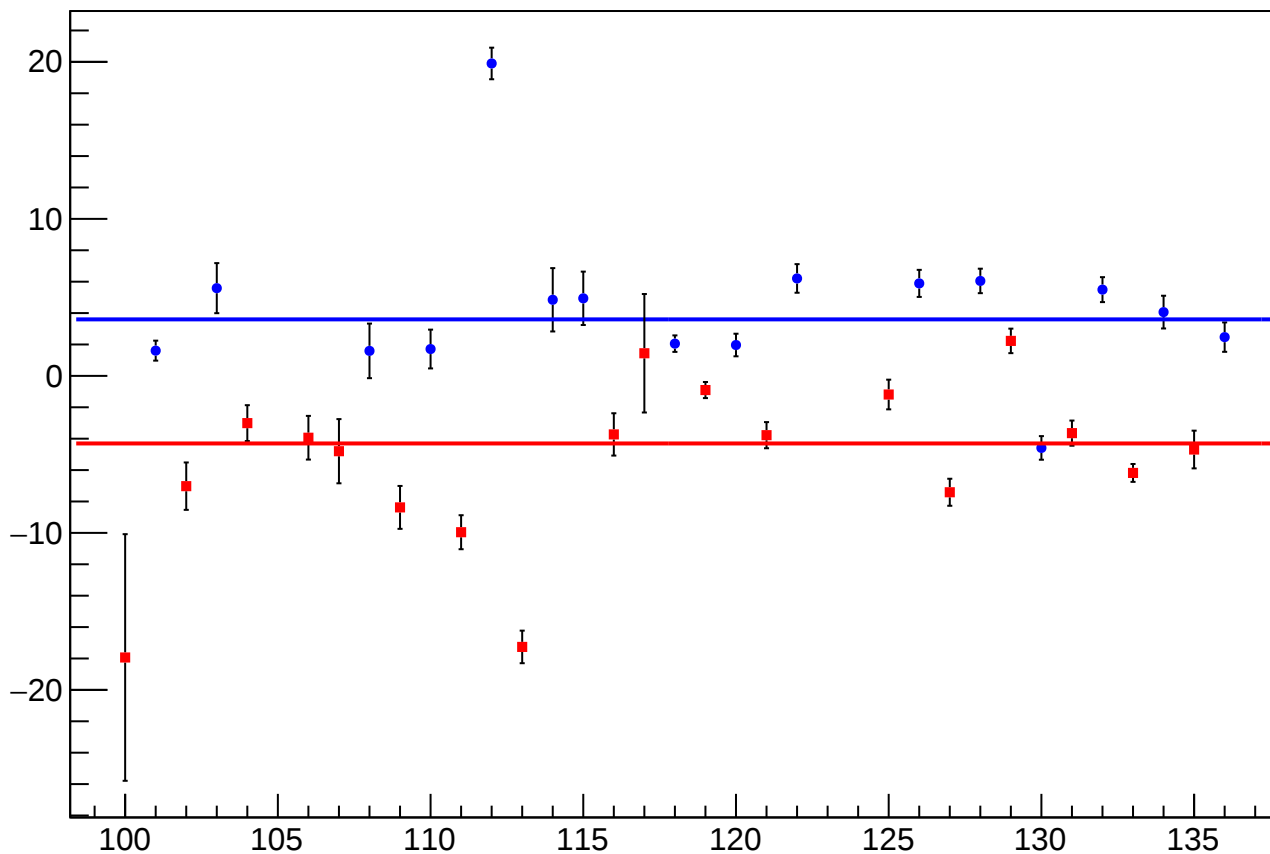
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-47.135 ± 0.374 χ^2/NDF : 894.5/15

0.961 ± 0.264 χ^2/NDF : 34699.0/33

48.708 ± 0.373 χ^2/NDF : 825.9/17

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.304+/-0.226 χ^2/NDF : 352.5/17

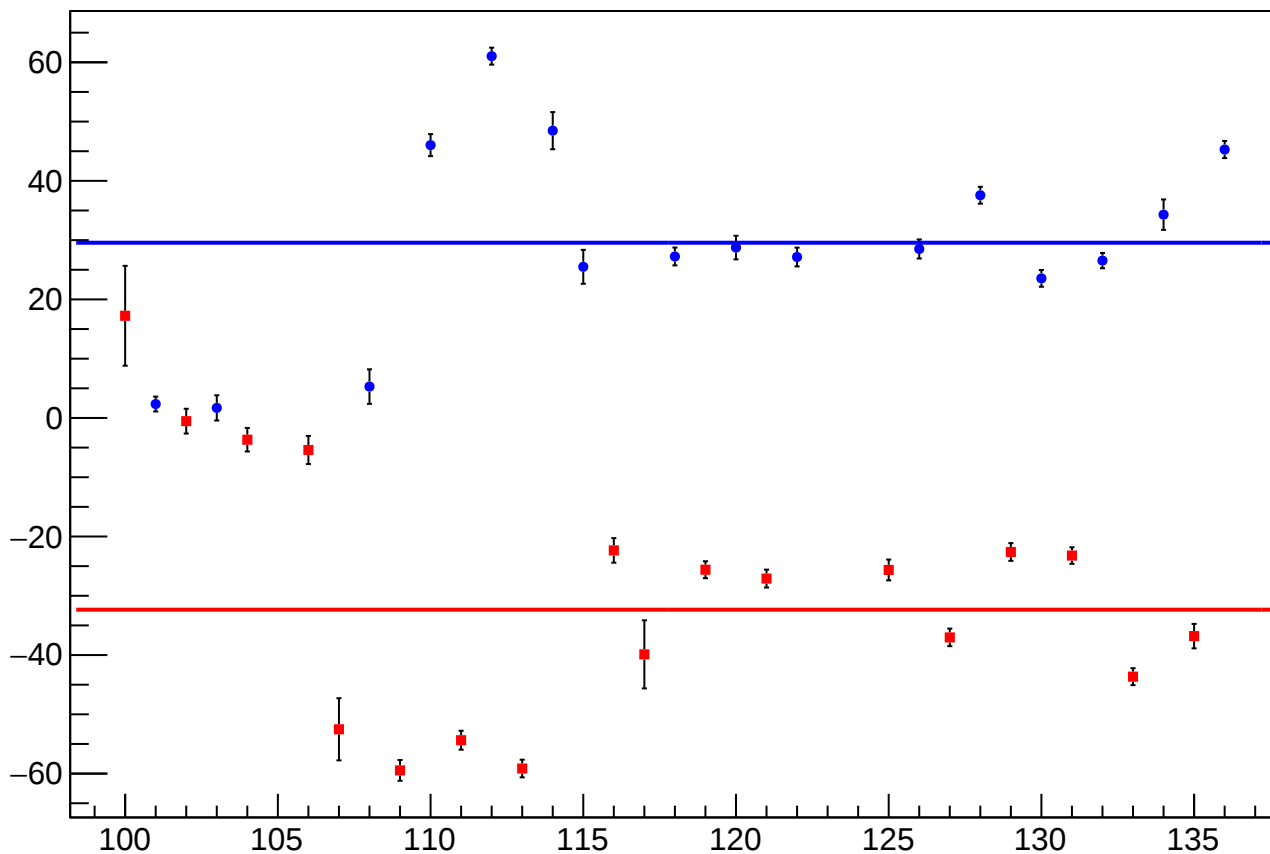
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.599+/-0.220 χ^2/NDF : 443.4/15

-0.256+/-0.158 χ^2/NDF : 1423.4/33

-4.304+/-0.226 χ^2/NDF : 352.5/17

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -32.349 $\pm$ 0.425 χ^2 /NDF: 1604.8/17

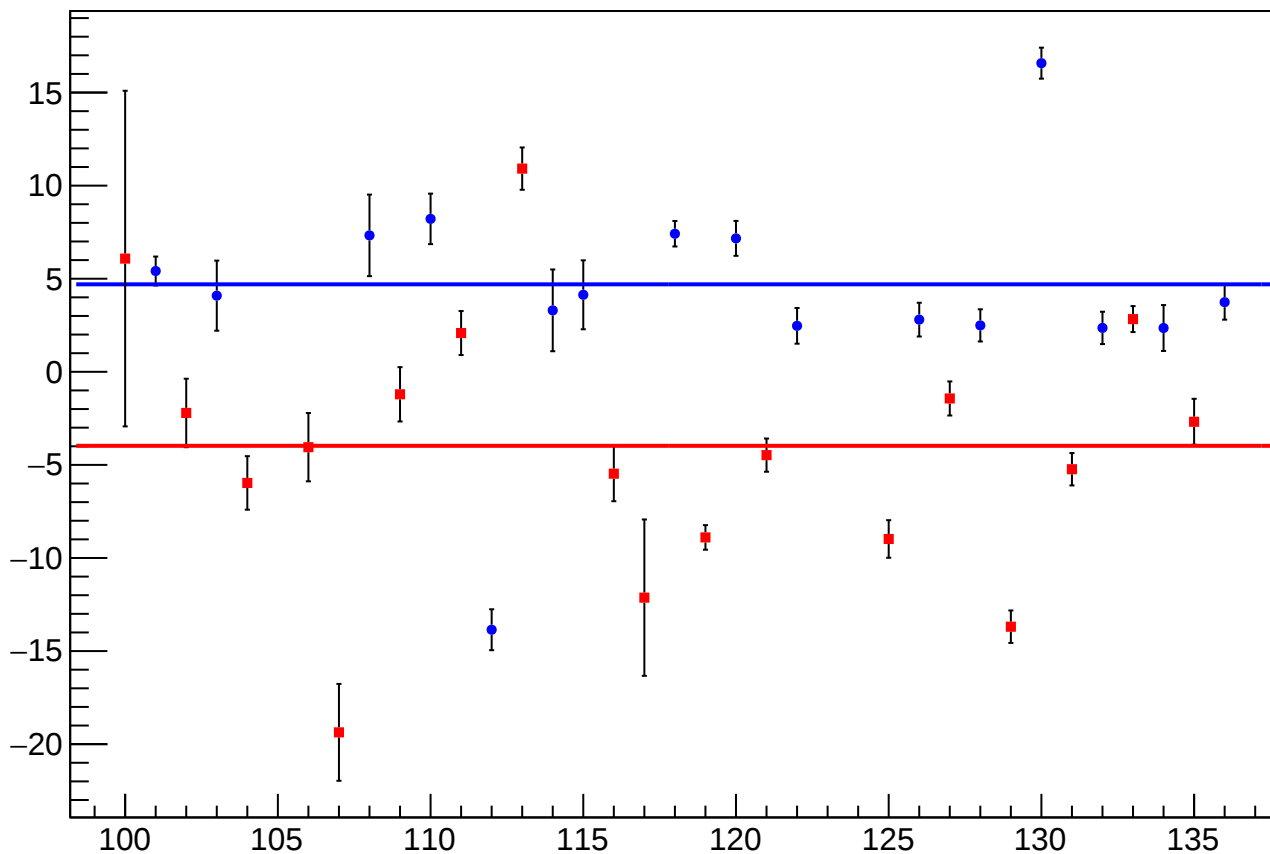
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

29.564 $\pm$ 0.420 χ^2 /NDF: 1494.6/15

-0.973 $\pm$ 0.299 χ^2 /NDF: 13841.0/33

-32.349 $\pm$ 0.425 χ^2 /NDF: 1604.8/17

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.699+/-0.254 χ^2/NDF : 548.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.975+/-0.260 χ^2/NDF : 556.3/17

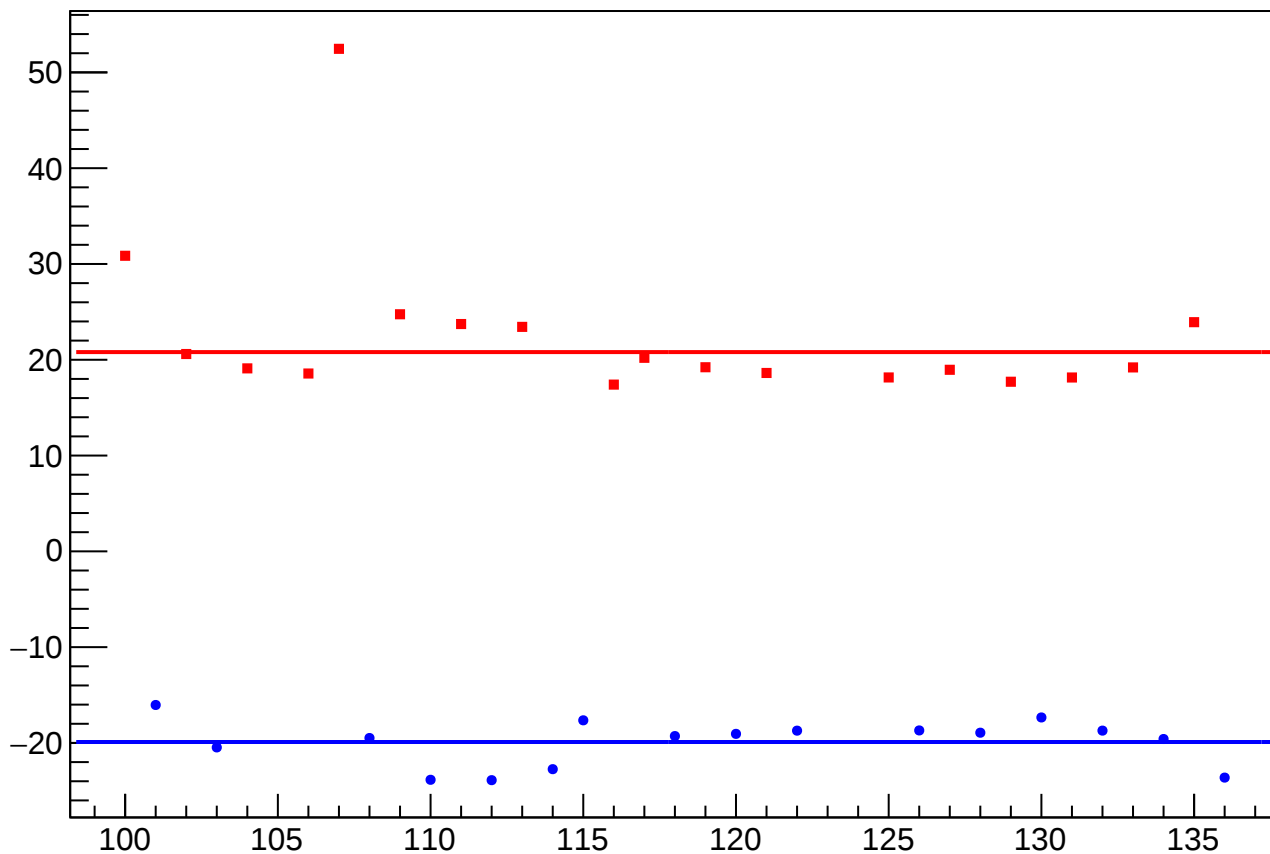
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.699+/-0.254 χ^2/NDF : 548.9/15

0.463+/-0.182 χ^2/NDF : 1674.6/33

-3.975+/-0.260 χ^2/NDF : 556.3/17

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.902 ± 0.016 $\chi^2/\text{NDF}: 26054.0/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 20.801 ± 0.016 $\chi^2/\text{NDF}: 92098.9/17$

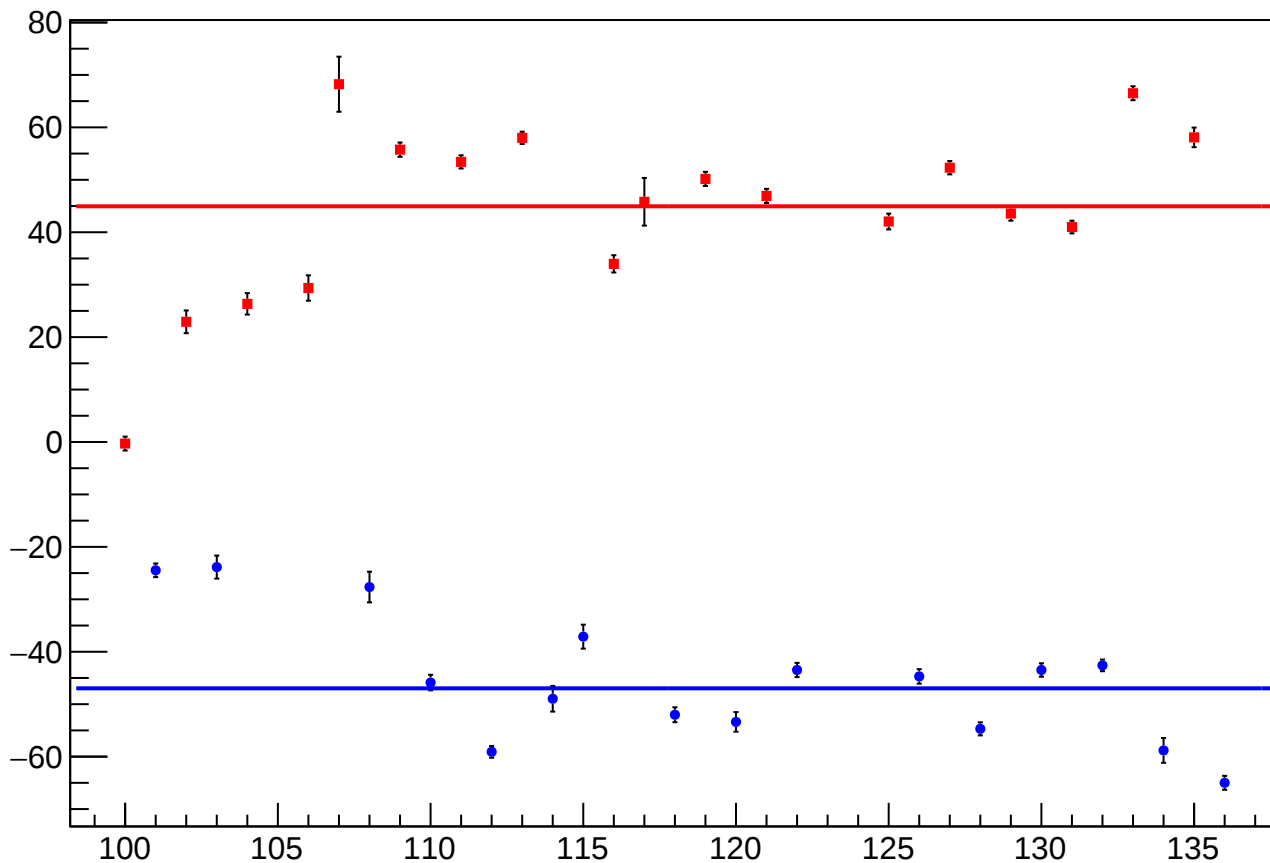
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-19.902 ± 0.016 $\chi^2/\text{NDF}: 26054.0/15$

0.054 ± 0.011 $\chi^2/\text{NDF}: 3435322.1/33$

20.801 ± 0.016 $\chi^2/\text{NDF}: 92098.9/17$

reg_asym_left_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -46.978 $\pm$ 0.374 χ^2 /NDF: 892.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 44.947 $\pm$ 0.359 χ^2 /NDF: 2060.7/17

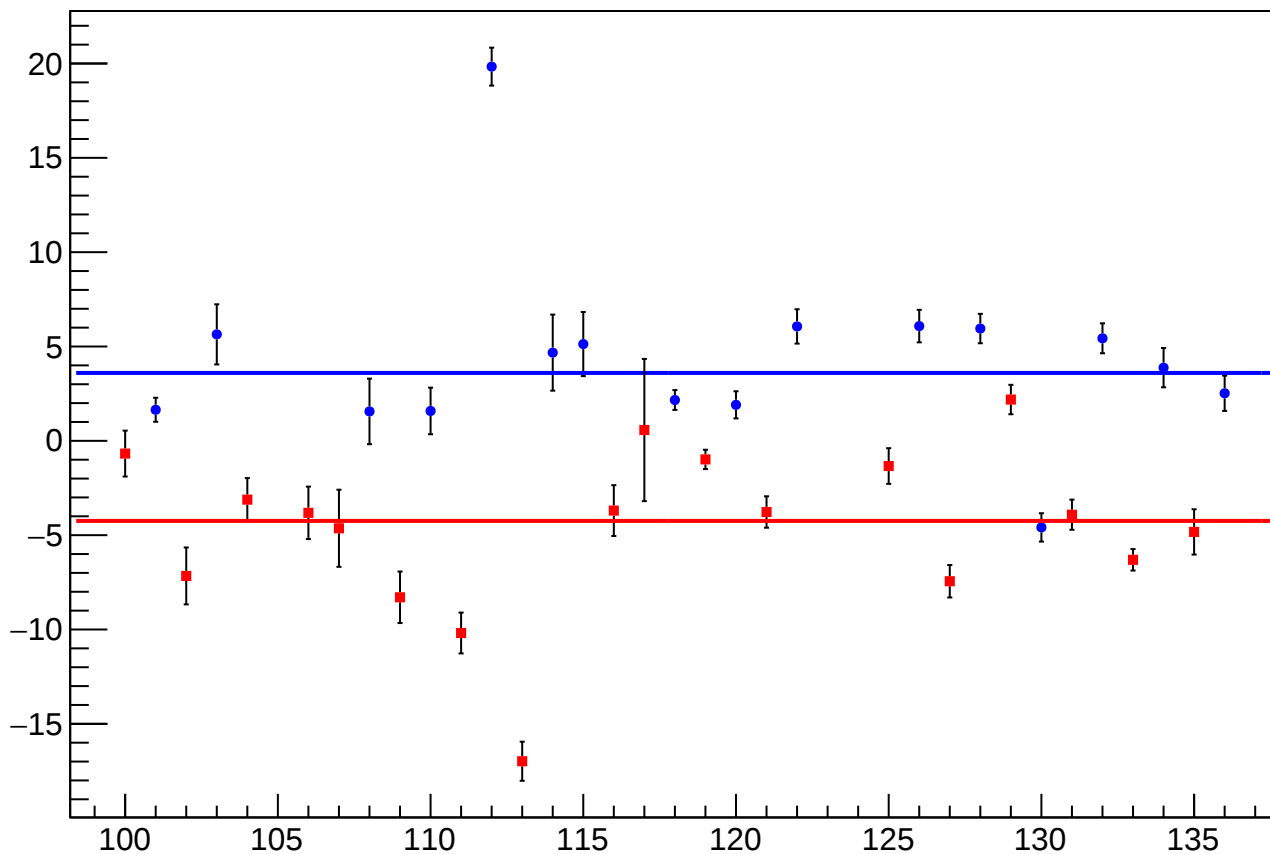
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-46.978 $\pm$ 0.374 χ^2 /NDF: 892.4/15

0.847 $\pm$ 0.259 χ^2 /NDF: 34448.1/33

44.947 $\pm$ 0.359 χ^2 /NDF: 2060.7/17

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.599 ± 0.220 χ^2/NDF : 440.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.244 ± 0.222 χ^2/NDF : 351.0/17

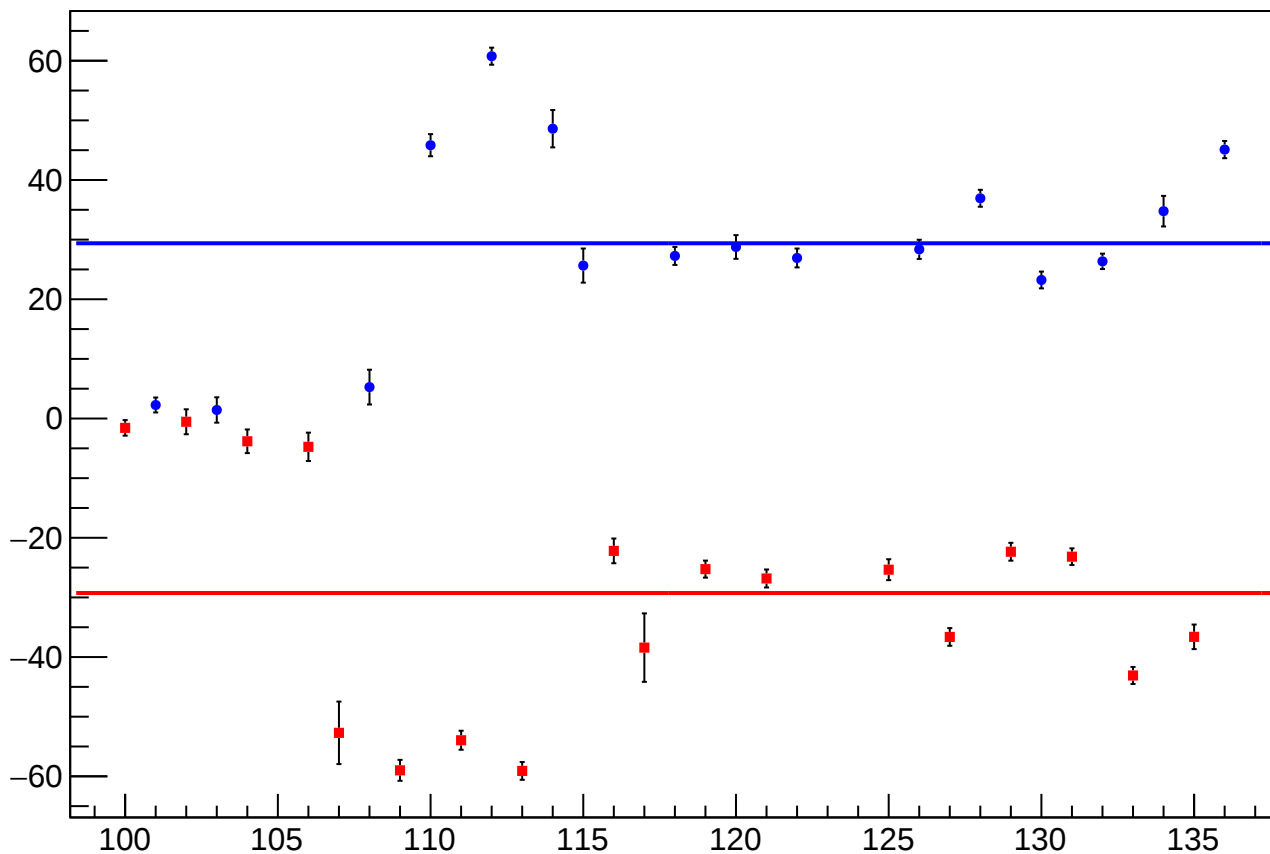
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

3.599 ± 0.220 χ^2/NDF : 440.3/15

-0.291 ± 0.156 χ^2/NDF : 1420.6/33

-4.244 ± 0.222 χ^2/NDF : 351.0/17

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.387+/-0.419 χ^2 /NDF: 1488.6/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -29.258+/-0.405 χ^2 /NDF: 2058.0/17

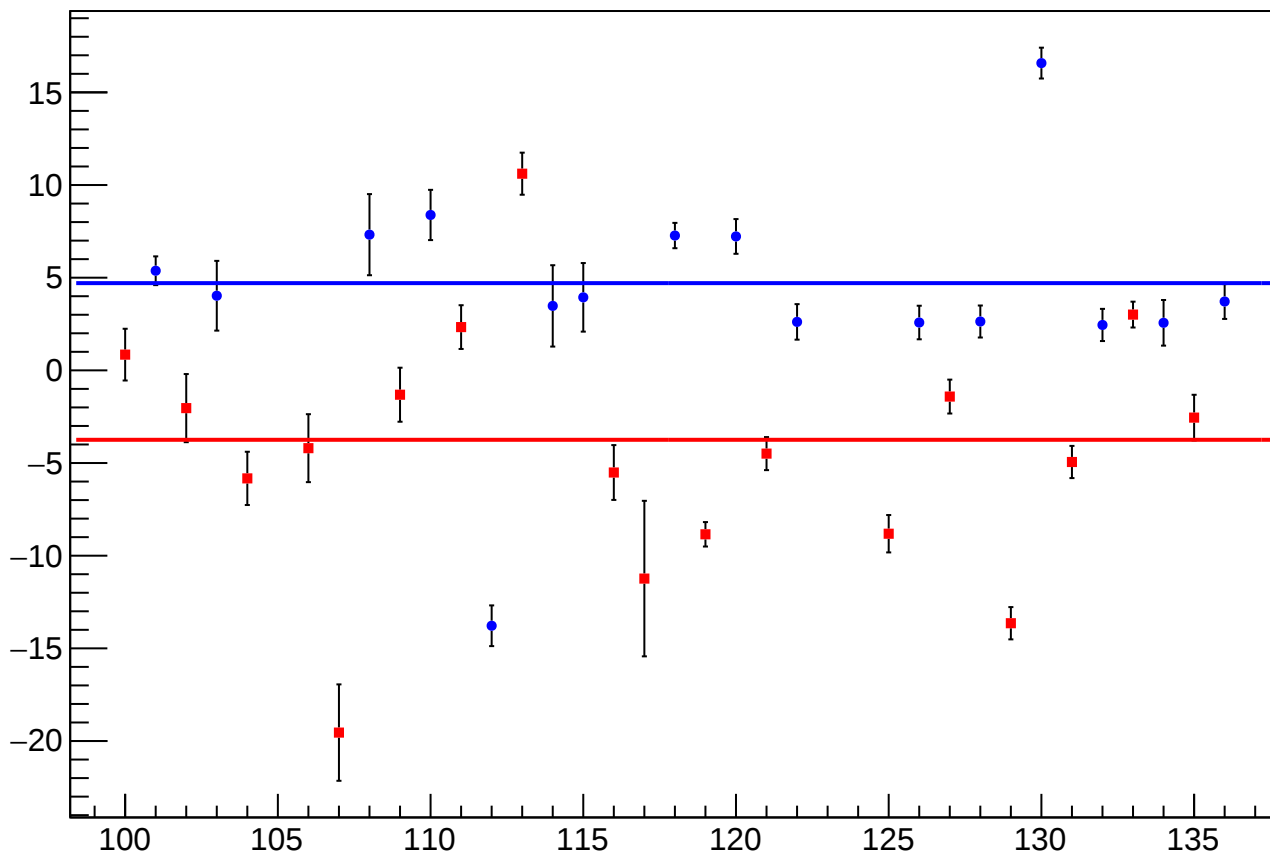
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

29.387+/-0.419 χ^2 /NDF: 1488.6/15

-0.983+/-0.291 χ^2 /NDF: 13679.3/33

-29.258+/-0.405 χ^2 /NDF: 2058.0/17

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.706 $\pm$ 0.254 χ^2 /NDF: 545.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.747 $\pm$ 0.256 χ^2 /NDF: 562.7/17

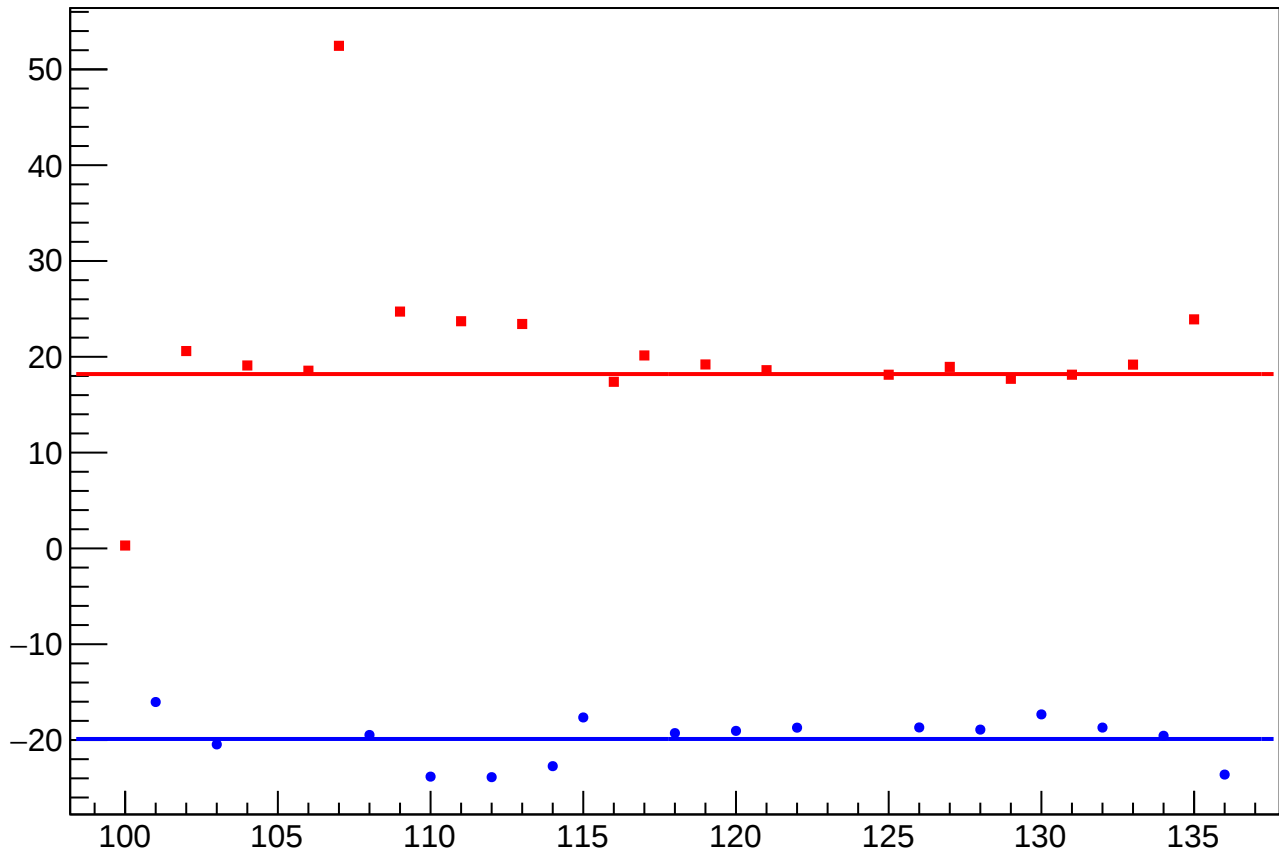
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

4.706 $\pm$ 0.254 χ^2 /NDF: 545.2/15

0.508 $\pm$ 0.180 χ^2 /NDF: 1658.7/33

-3.747 $\pm$ 0.256 χ^2 /NDF: 562.7/17

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.198+/-0.015 χ^2/NDF : 295620.6/17

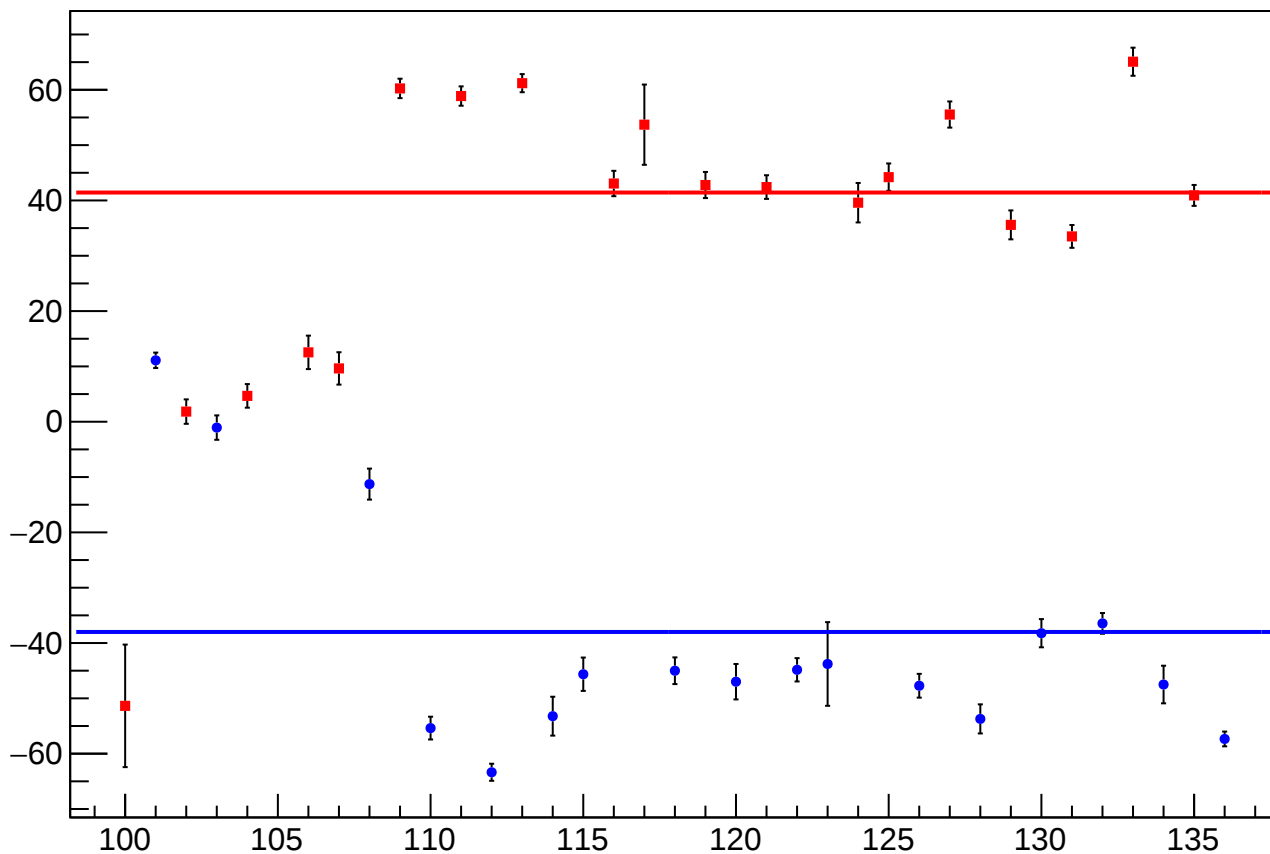
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-19.890+/-0.016 χ^2/NDF : 26044.4/15

0.021+/-0.011 χ^2/NDF : 3422828.4/33

18.198+/-0.015 χ^2/NDF : 295620.6/17

reg_asym_right_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -37.999 $\pm$ 0.523 χ^2 /NDF: 2279.0/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 41.430 $\pm$ 0.532 χ^2 /NDF: 1405.1/18

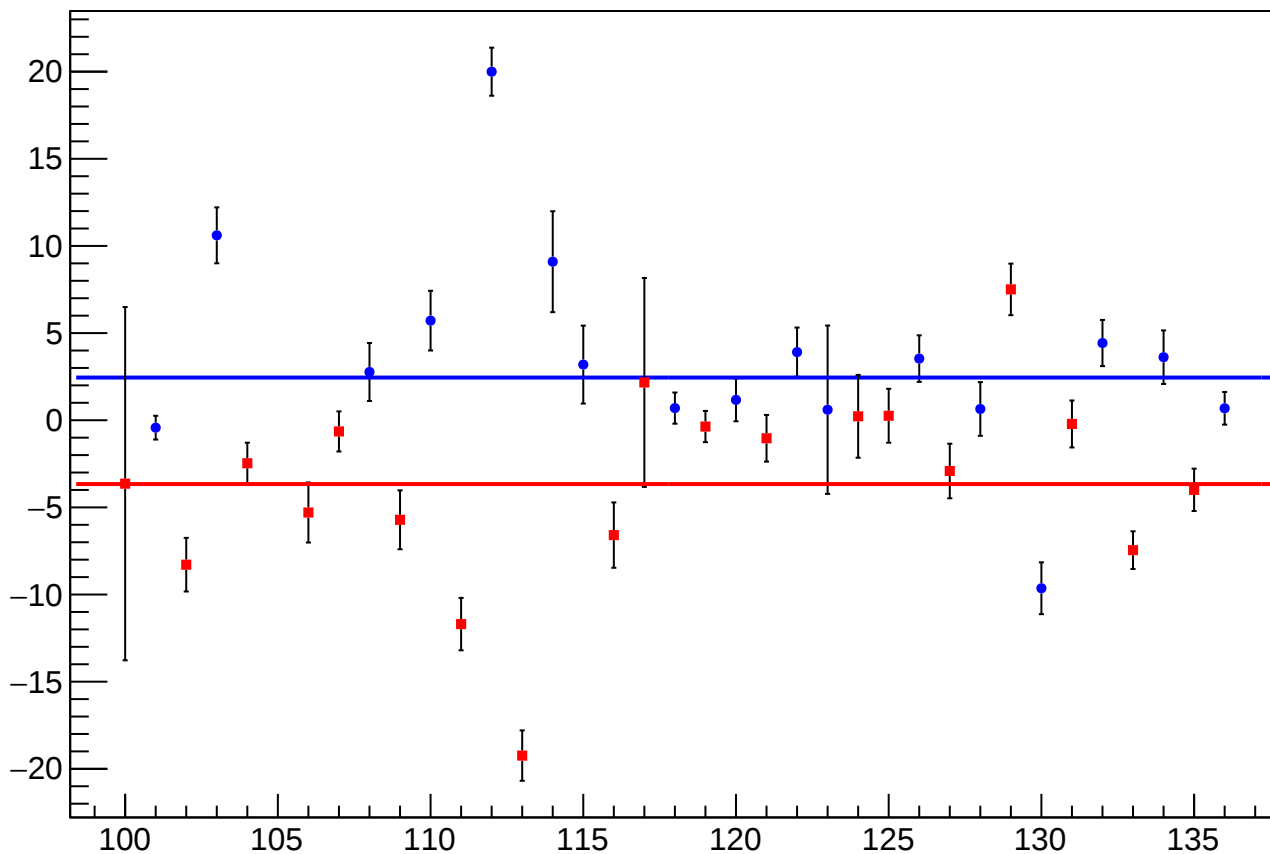
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-37.999 $\pm$ 0.523 χ^2 /NDF: 2279.0/16

1.013 $\pm$ 0.373 χ^2 /NDF: 15008.6/35

41.430 $\pm$ 0.532 χ^2 /NDF: 1405.1/18

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.449 $\pm$ 0.314 χ^2 /NDF: 295.3/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.662 $\pm$ 0.330 χ^2 /NDF: 270.1/18

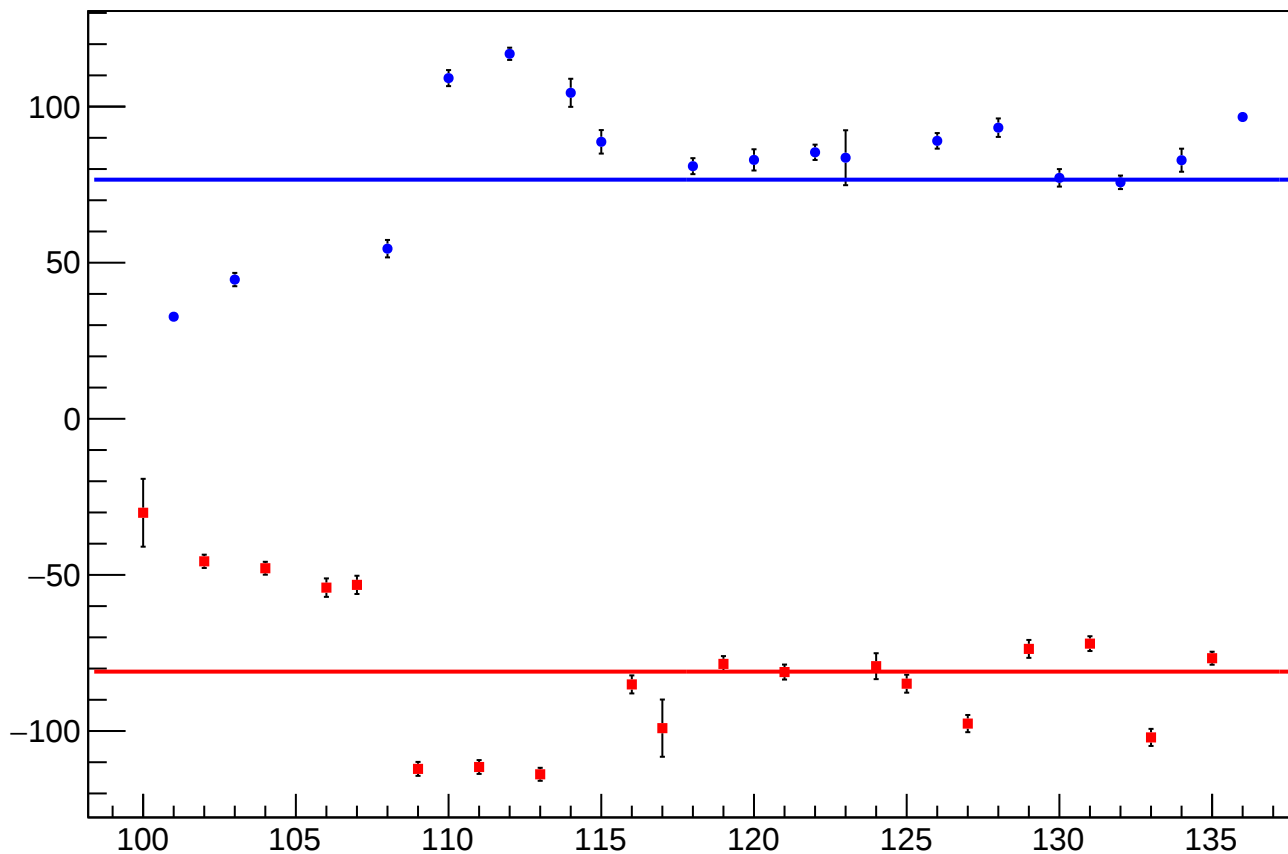
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.449 $\pm$ 0.314 χ^2 /NDF: 295.3/16

-0.457 $\pm$ 0.228 χ^2 /NDF: 745.1/35

-3.662 $\pm$ 0.330 χ^2 /NDF: 270.1/18

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -80.978 $\pm$ 0.601 χ^2 /NDF: 1490.5/18

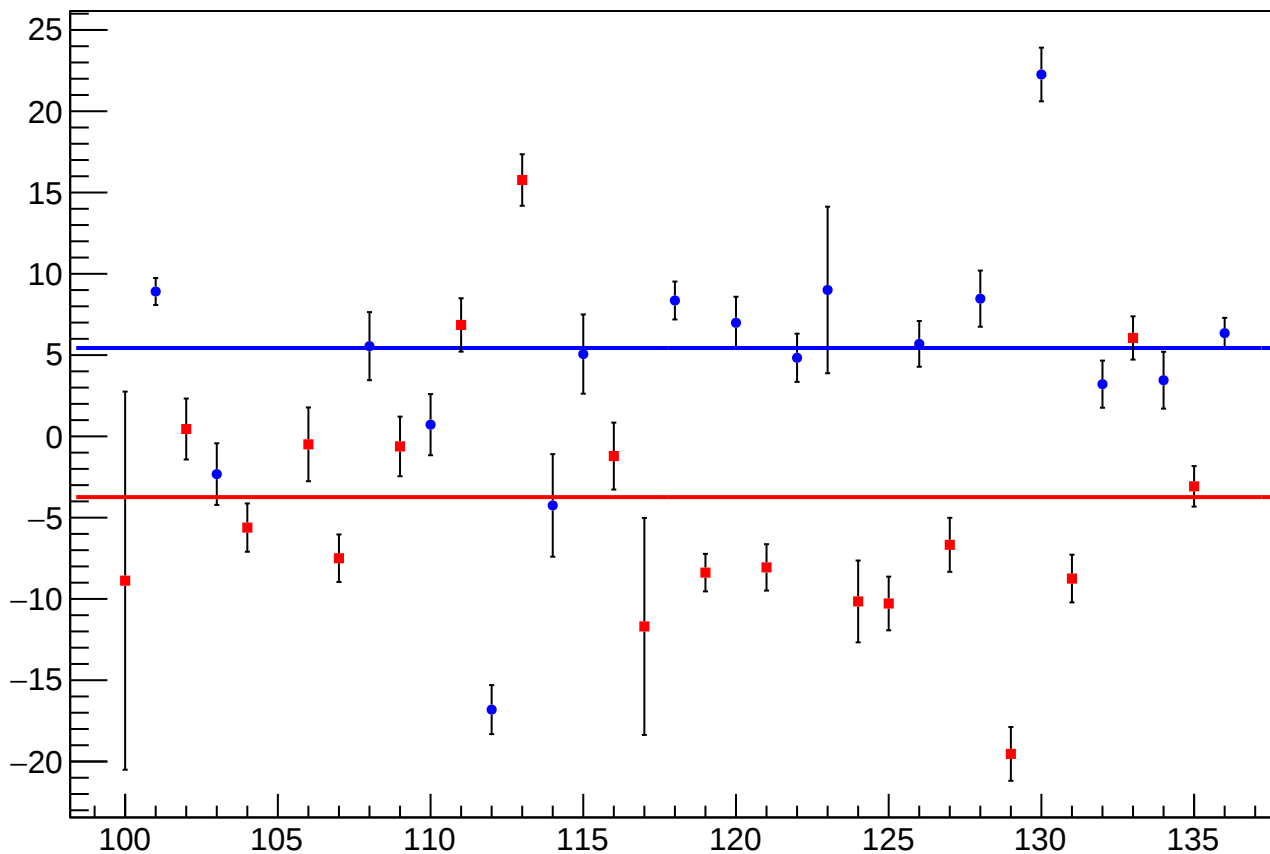
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

76.598 $\pm$ 0.576 χ^2 /NDF: 2255.1/16

1.151 $\pm$ 0.416 χ^2 /NDF: 39573.5/35

-80.978 $\pm$ 0.601 χ^2 /NDF: 1490.5/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.736+/-0.381 χ^2/NDF : 422.3/18

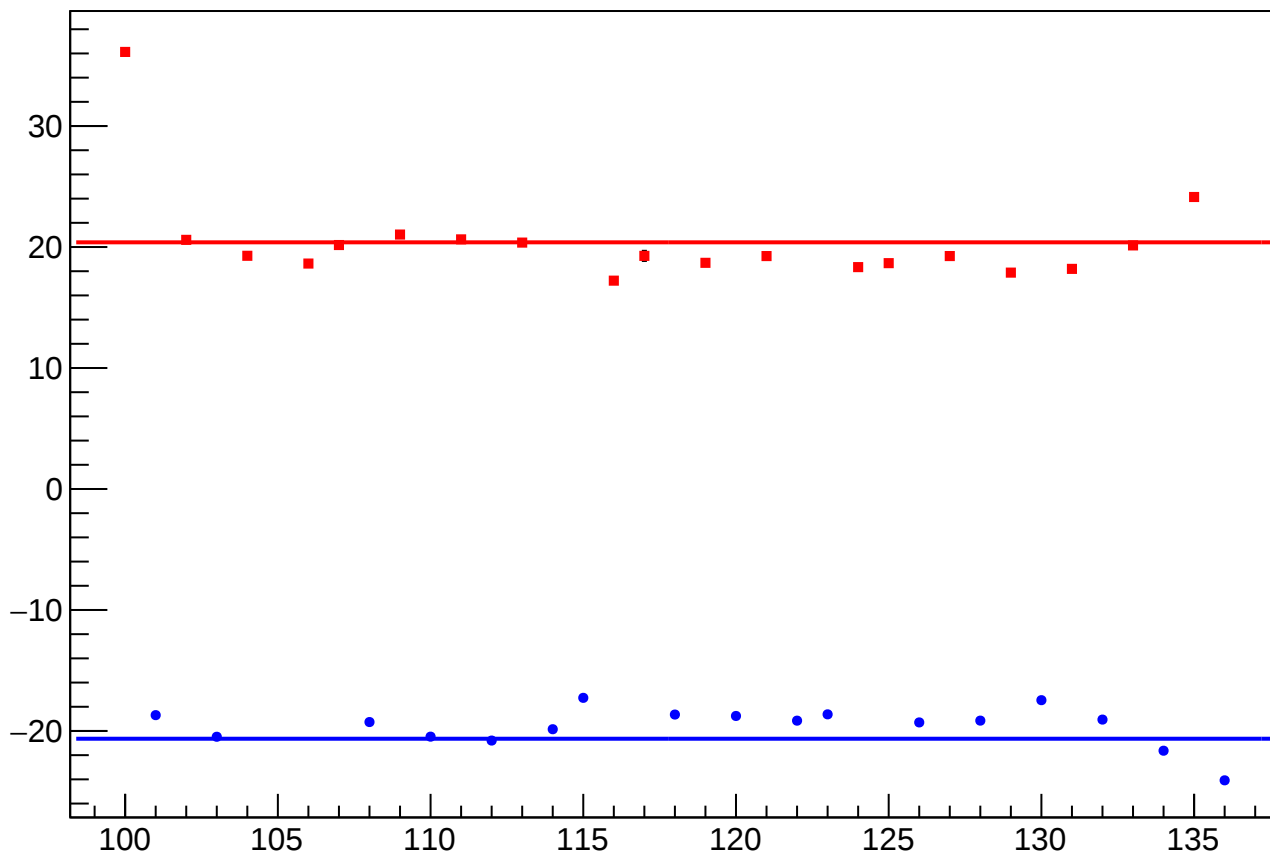
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.436+/-0.360 χ^2/NDF : 387.2/16

1.103+/-0.262 χ^2/NDF : 1115.7/35

-3.736+/-0.381 χ^2/NDF : 422.3/18

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: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 20.388 ± 0.020 $\chi^2/\text{NDF}: 10760.7/18$

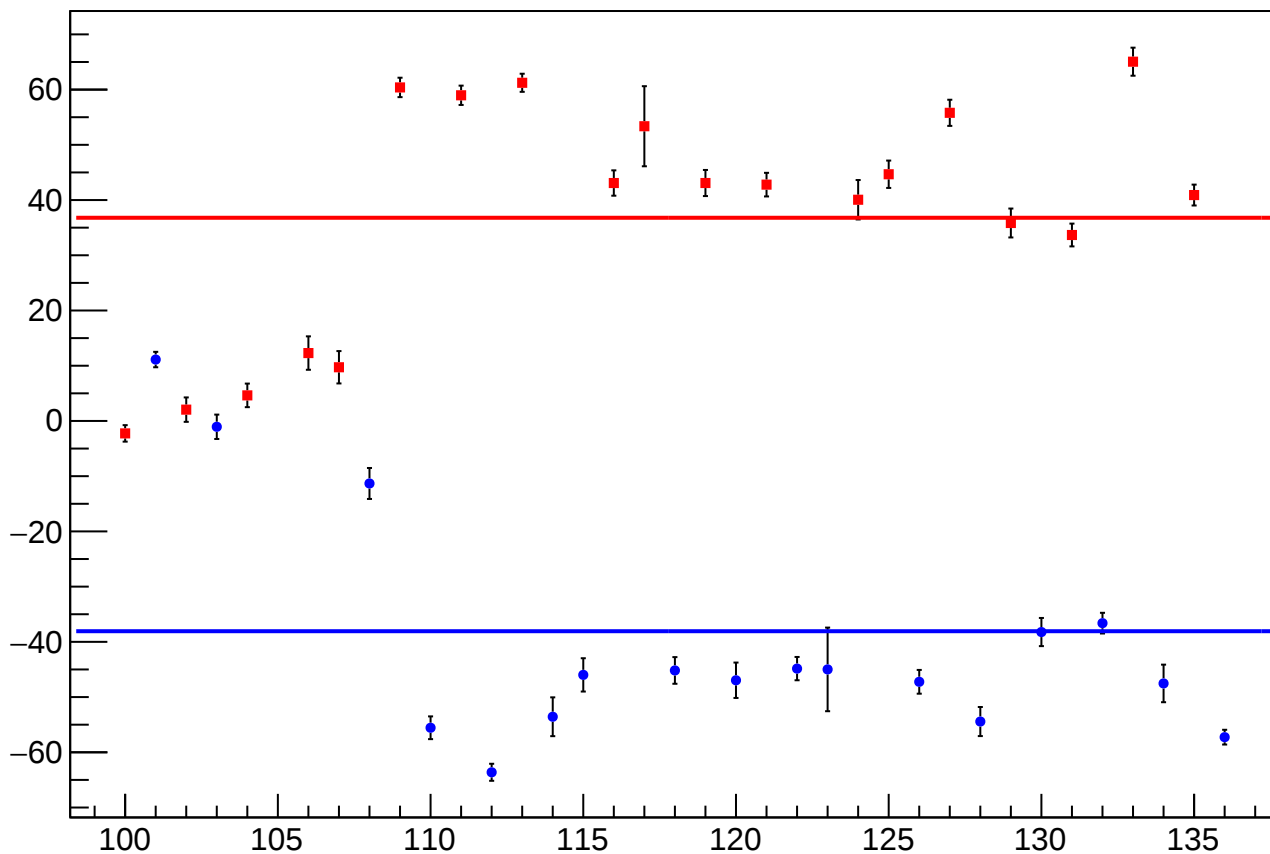
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-20.642 ± 0.019 $\chi^2/\text{NDF}: 12431.5/16$

-0.762 ± 0.014 $\chi^2/\text{NDF}: 2204827.5/35$

20.388 ± 0.020 $\chi^2/\text{NDF}: 10760.7/18$

reg_asym_right_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -38.073 ± 0.523 χ^2/NDF : 2285.7/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 36.793 ± 0.502 χ^2/NDF : 2107.2/18

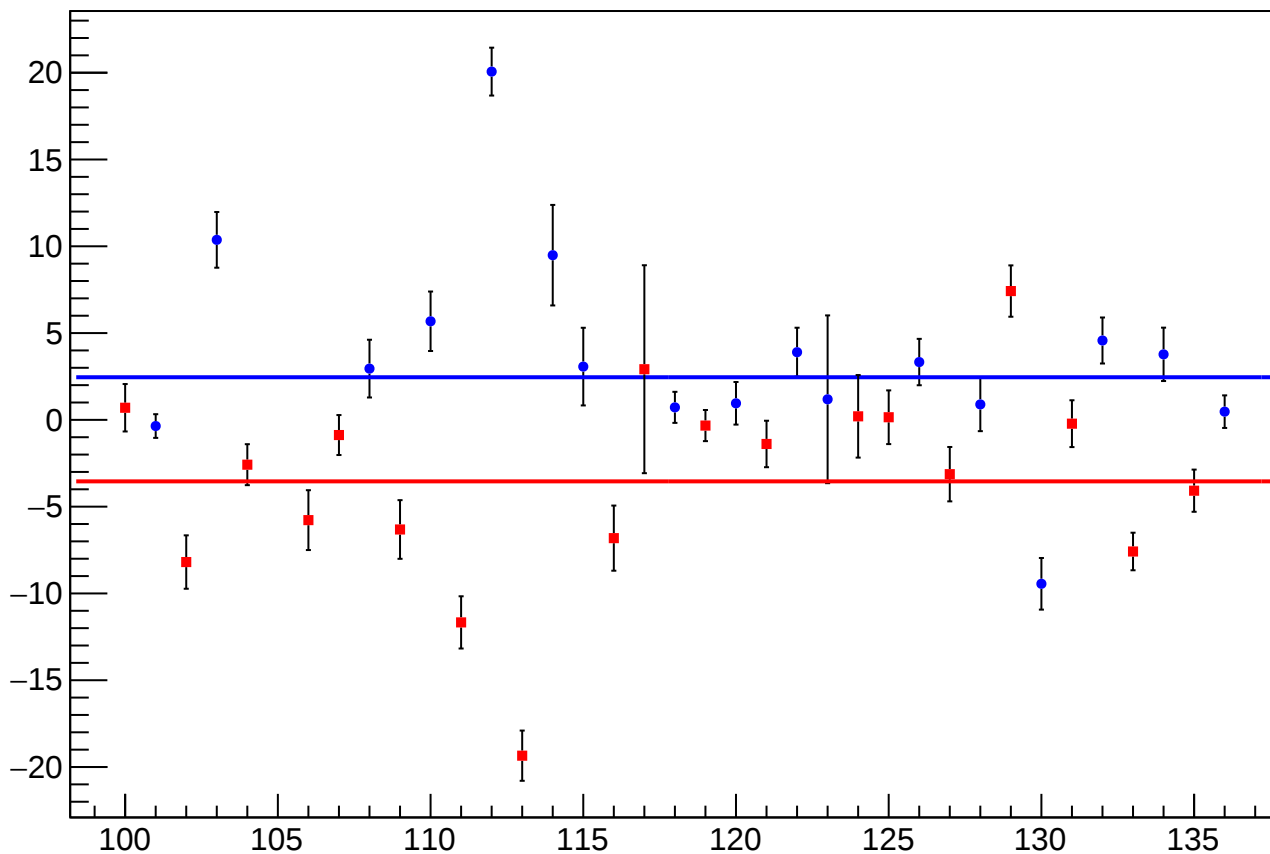
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-38.073 ± 0.523 χ^2/NDF : 2285.7/16

0.902 ± 0.362 χ^2/NDF : 15044.9/35

36.793 ± 0.502 χ^2/NDF : 2107.2/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.543+/-0.321 χ^2/NDF : 280.7/18

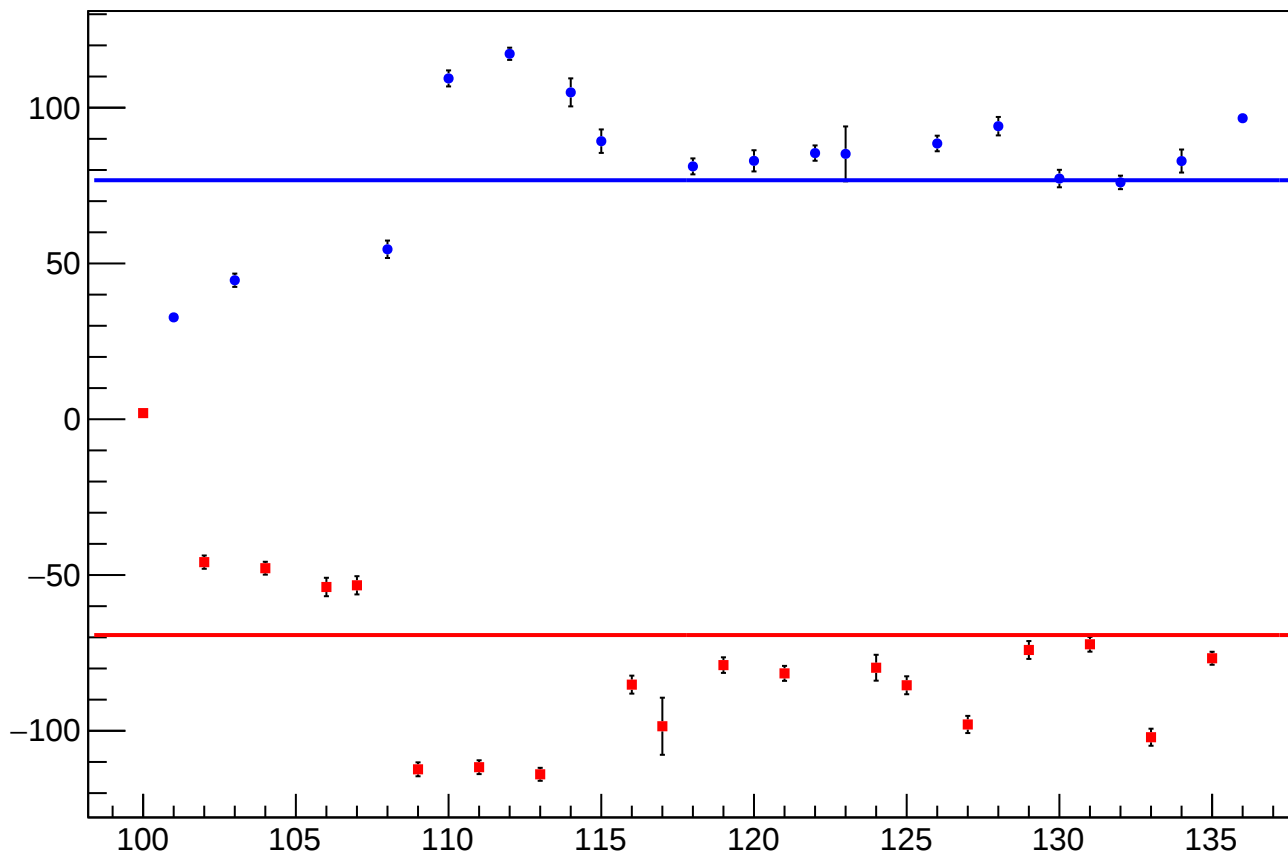
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.455+/-0.315 χ^2/NDF : 293.5/16

-0.481+/-0.225 χ^2/NDF : 752.2/35

-3.543+/-0.321 χ^2/NDF : 280.7/18

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -69.268 $\pm$ 0.557 χ^2 /NDF: 4237.7/18

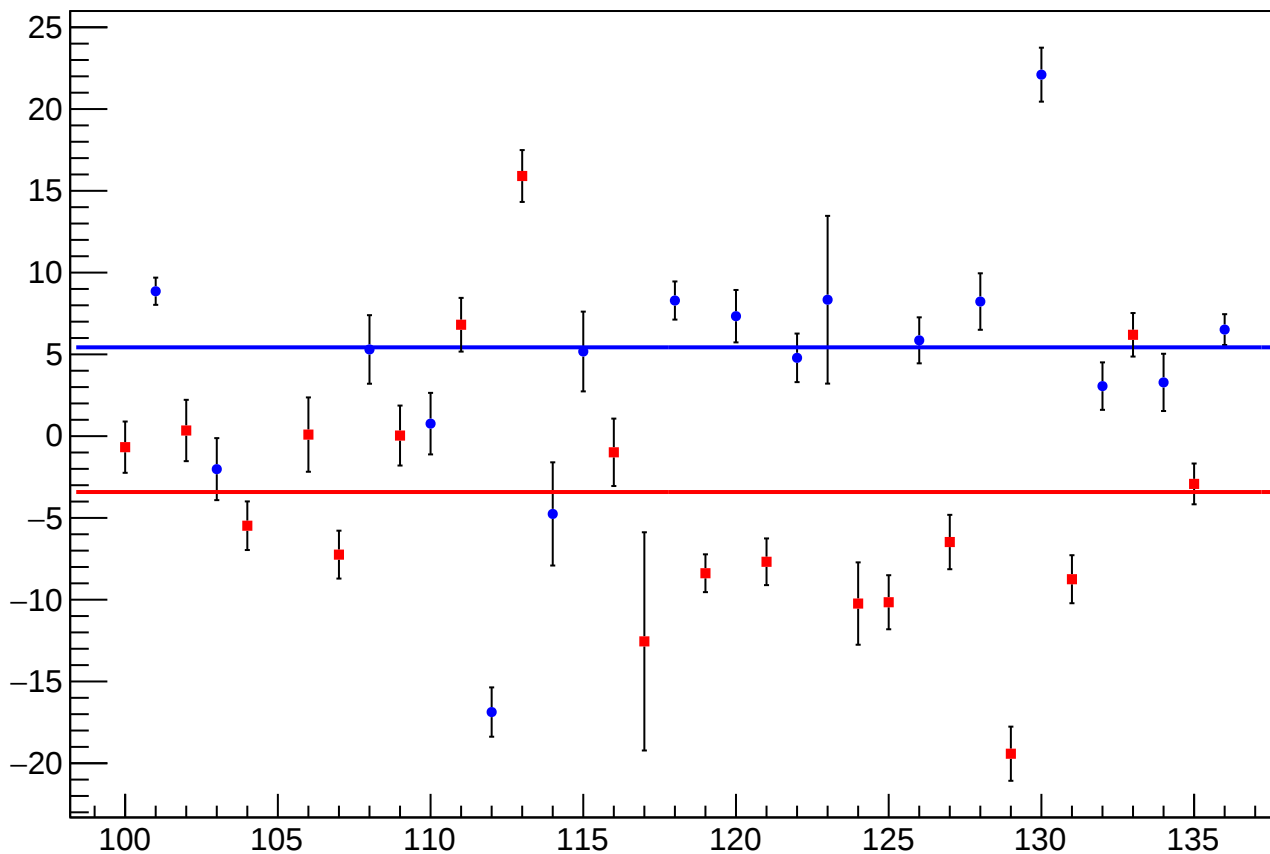
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

76.713 $\pm$ 0.576 χ^2 /NDF: 2266.6/16

1.231 $\pm$ 0.401 χ^2 /NDF: 39674.3/35

-69.268 $\pm$ 0.557 χ^2 /NDF: 4237.7/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.416+/-0.370 χ^2/NDF : 426.0/18

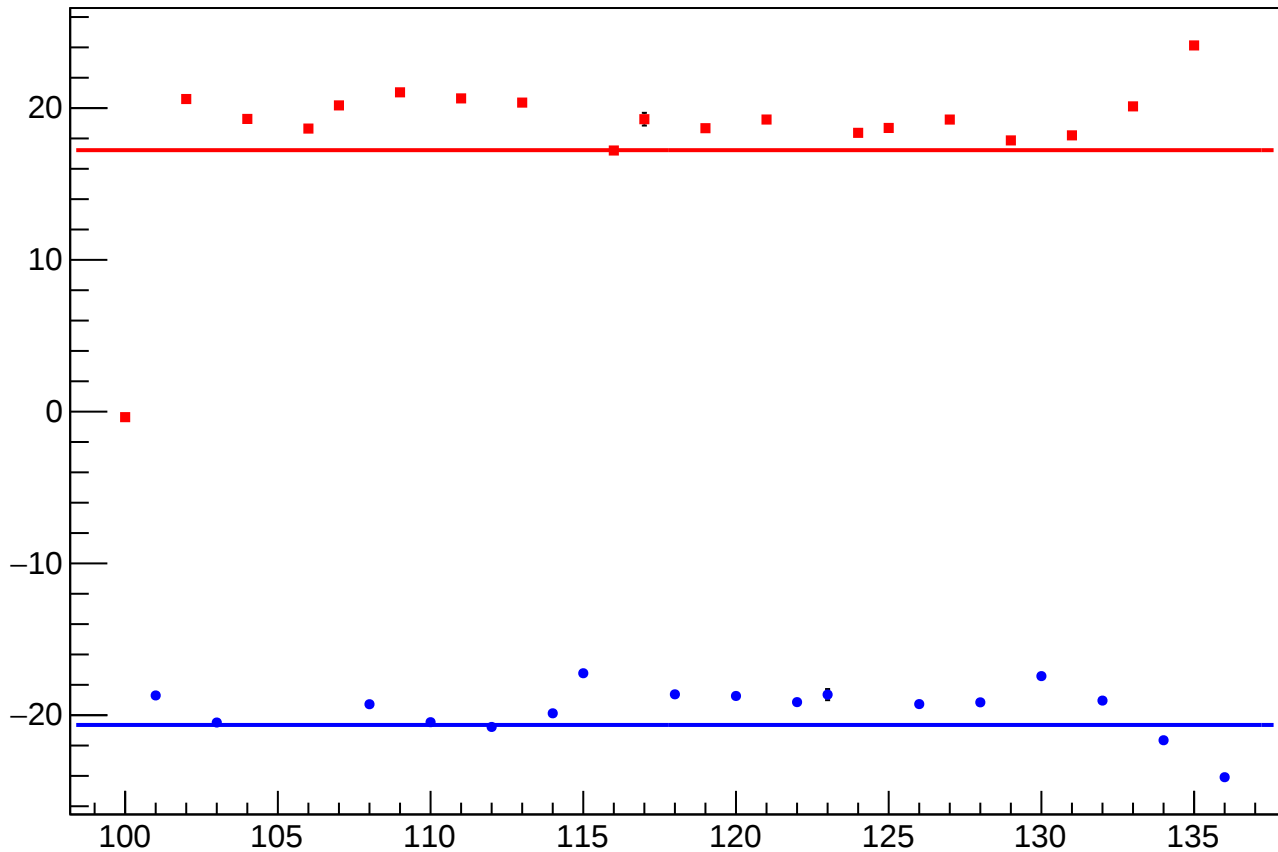
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.430+/-0.361 χ^2/NDF : 385.9/16

1.126+/-0.258 χ^2/NDF : 1104.8/35

-3.416+/-0.370 χ^2/NDF : 426.0/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.228+/-0.018 χ^2/NDF : 170075.1/18

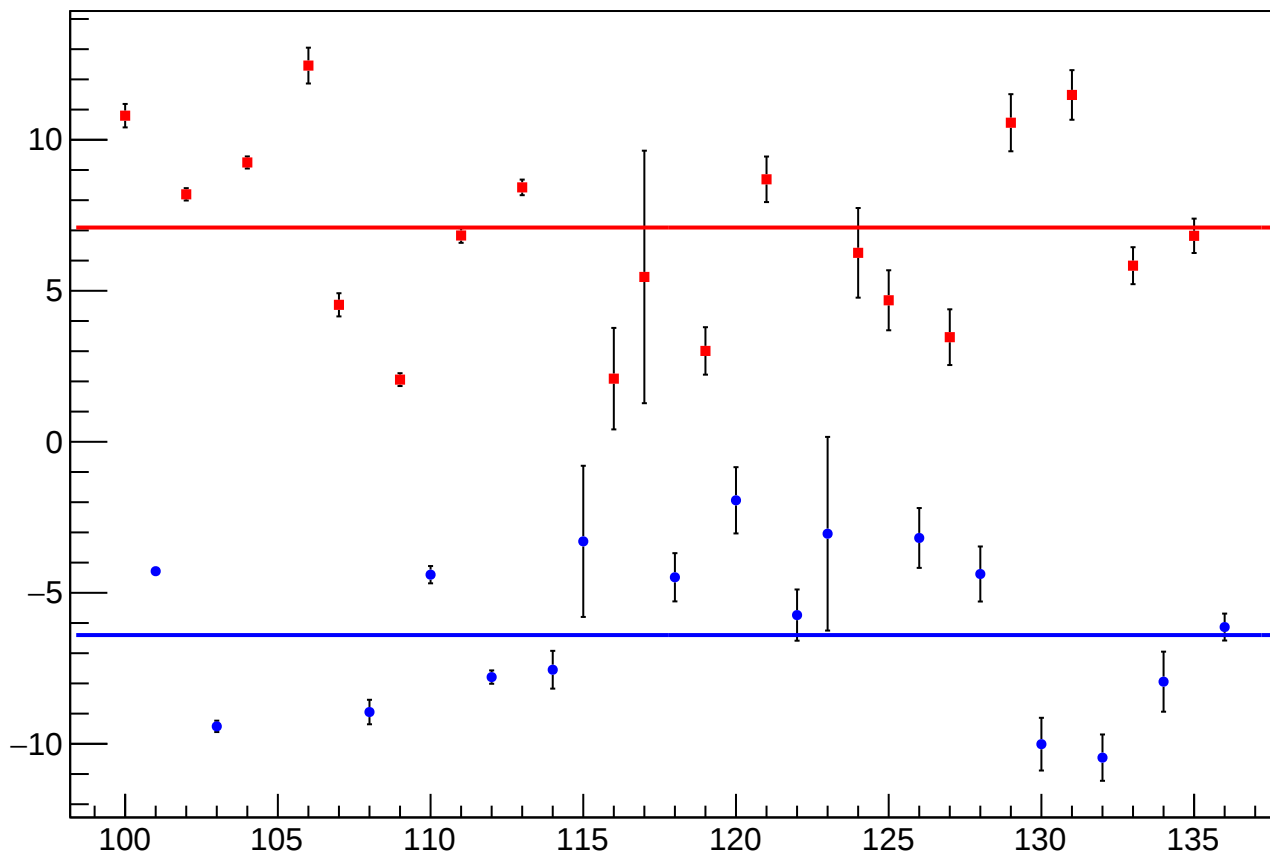
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-20.643+/-0.019 χ^2/NDF : 12468.6/16

-0.782+/-0.013 χ^2/NDF : 2192134.4/35

17.228+/-0.018 χ^2/NDF : 170075.1/18

reg_asym_sam_15_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -6.399+/-0.086 χ^2/NDF : 700.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.095+/-0.086 χ^2/NDF : 1059.6/18

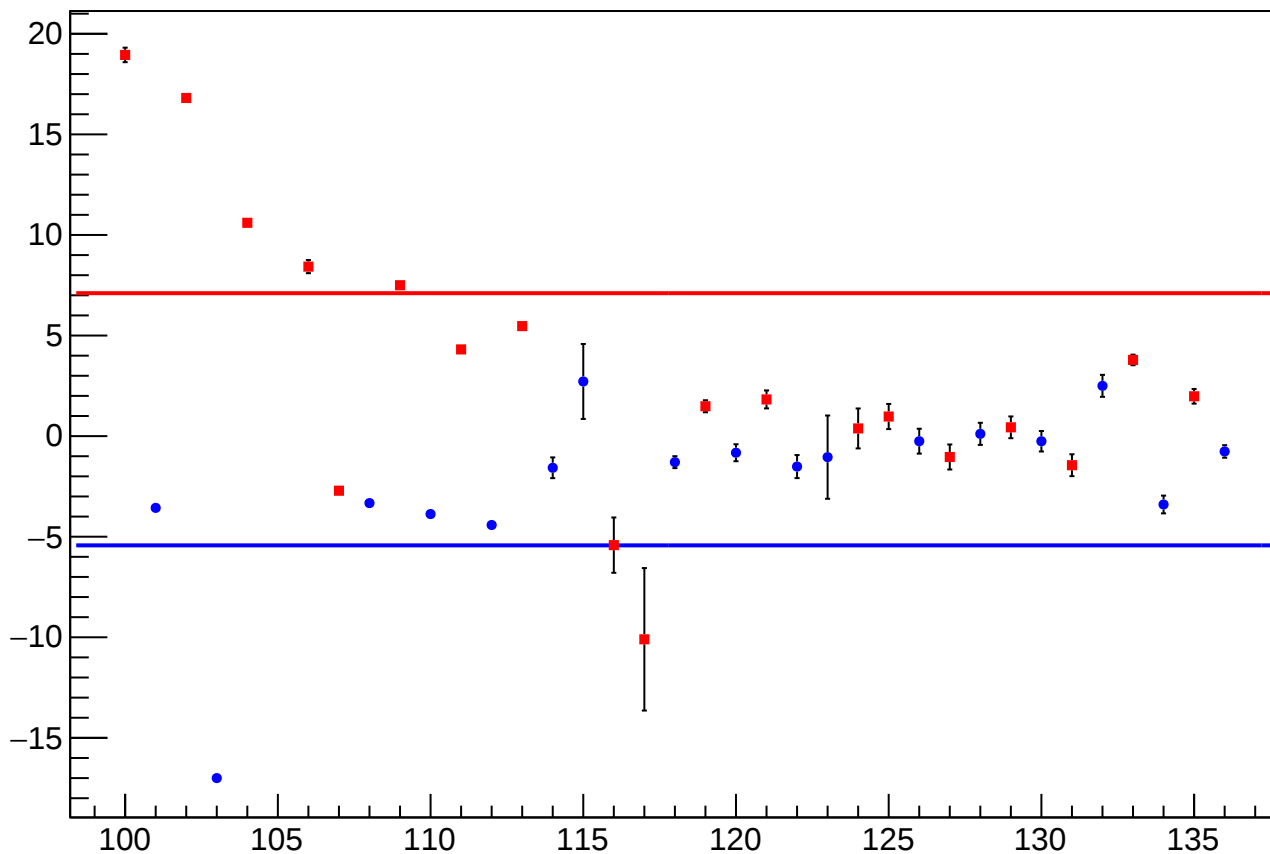
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.399+/-0.086 χ^2/NDF : 700.9/16

0.330+/-0.061 χ^2/NDF : 13992.0/35

7.095+/-0.086 χ^2/NDF : 1059.6/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.106+/-0.059 χ^2/NDF : 12254.6/18

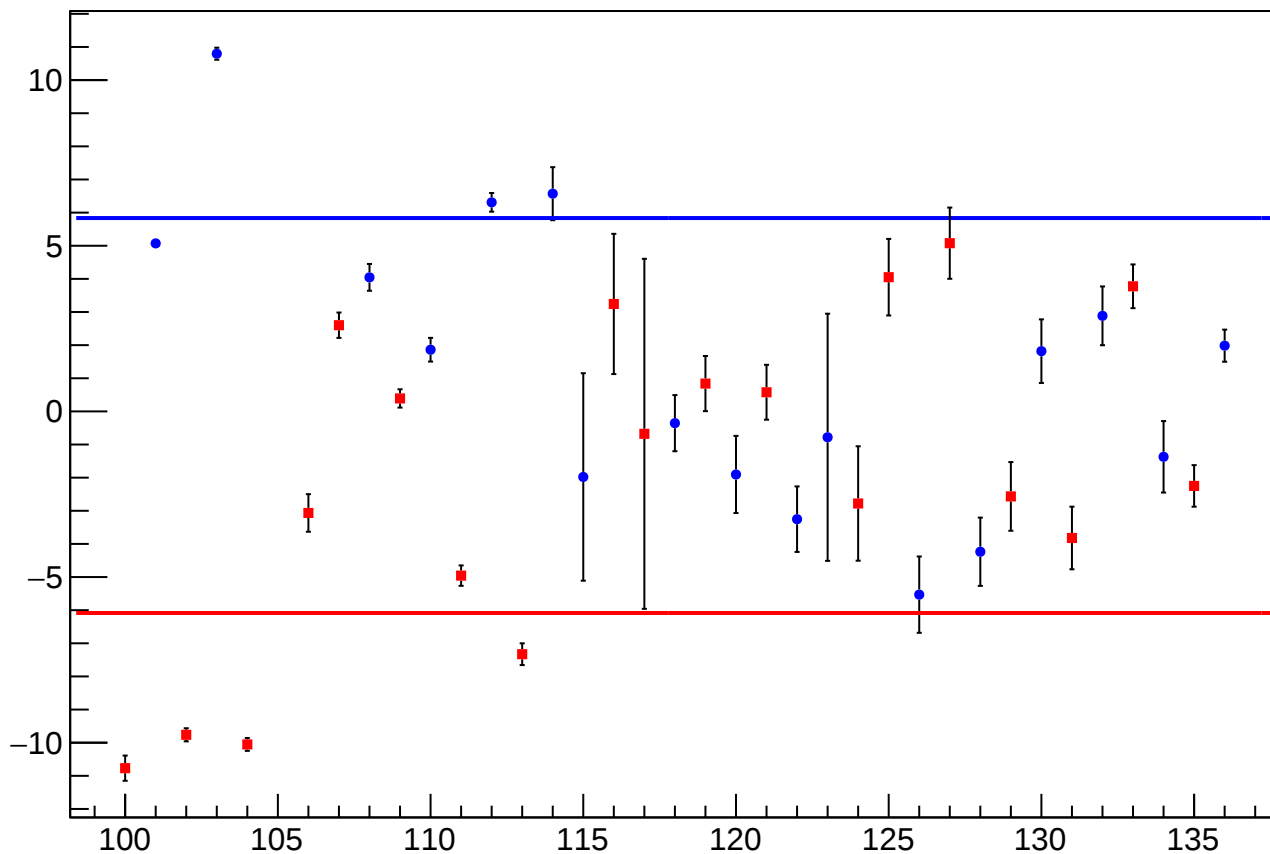
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.431+/-0.055 χ^2/NDF : 9233.8/16

0.357+/-0.040 χ^2/NDF : 45593.9/35

7.106+/-0.059 χ^2/NDF : 12254.6/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.085+/-0.094 χ^2/NDF : 2657.2/18

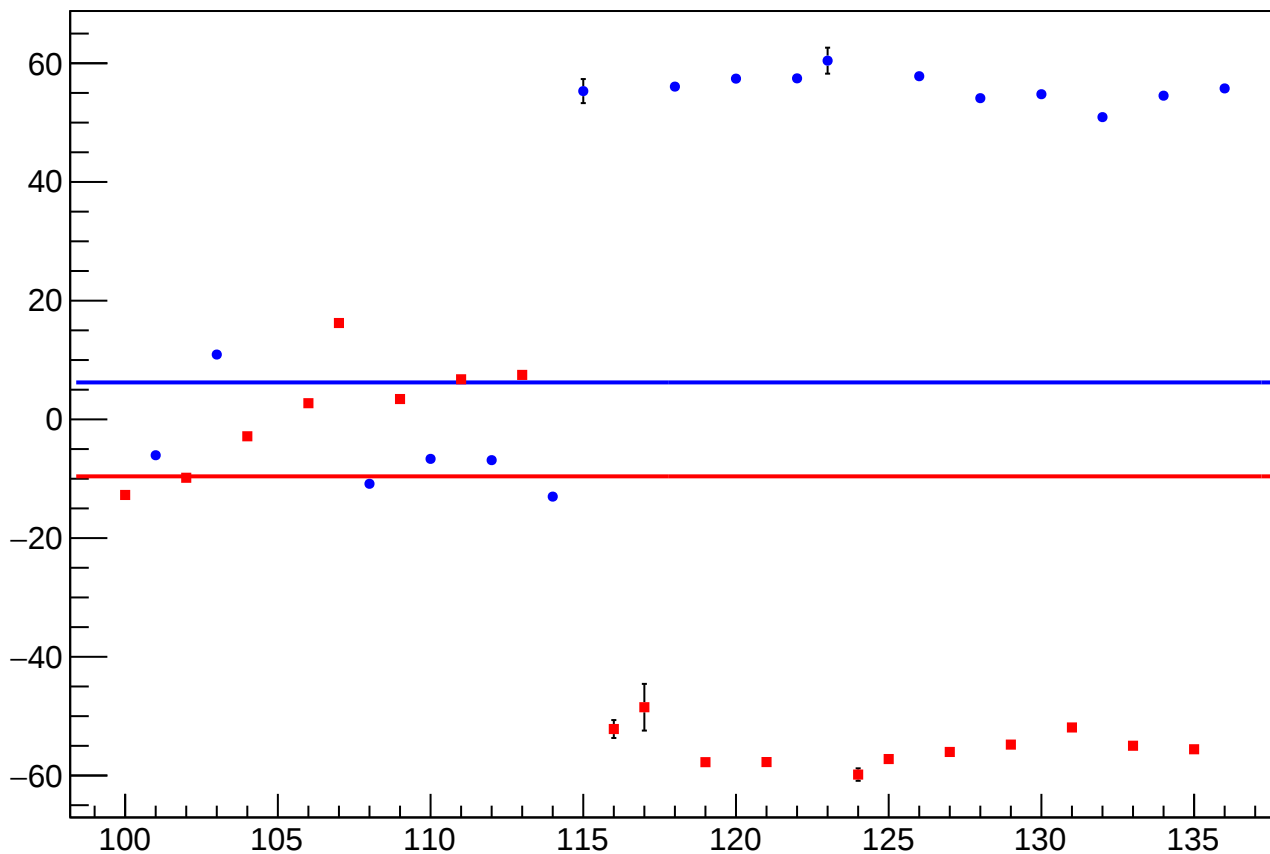
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.836+/-0.090 χ^2/NDF : 1440.9/16

0.137+/-0.065 χ^2/NDF : 12551.0/35

-6.085+/-0.094 χ^2/NDF : 2657.2/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.598+/-0.070 χ^2/NDF : 117420.9/18

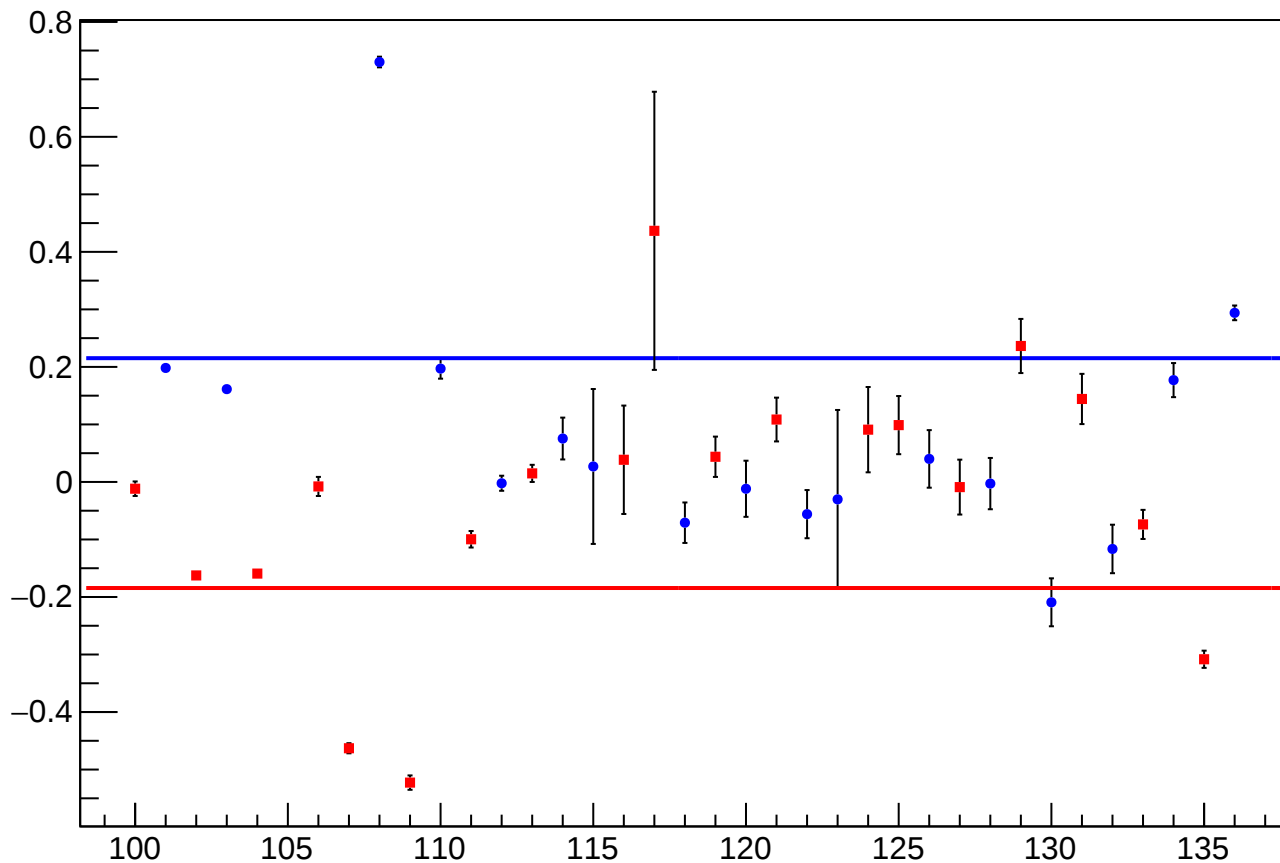
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.226+/-0.065 χ^2/NDF : 120955.1/16

-1.070+/-0.048 χ^2/NDF : 265847.1/35

-9.598+/-0.070 χ^2/NDF : 117420.9/18

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215+/-0.003 χ^2/NDF : 3925.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.184+/-0.003 χ^2/NDF : 2692.1/18

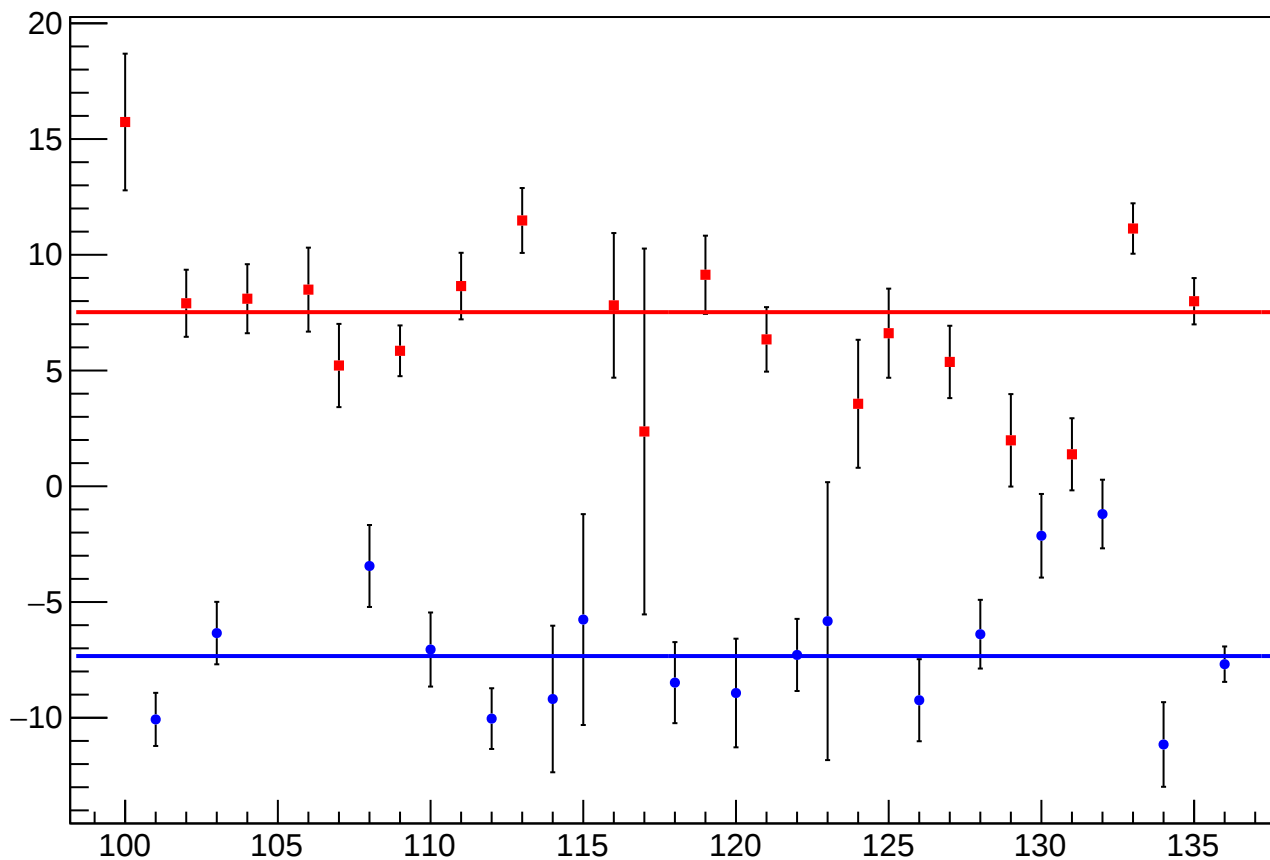
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.215+/-0.003 χ^2/NDF : 3925.9/16

0.010+/-0.002 χ^2/NDF : 17293.1/35

-0.184+/-0.003 χ^2/NDF : 2692.1/18

reg_asym_sam_15_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -7.334+/-0.372 χ^2/NDF : 48.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.522+/-0.359 χ^2/NDF : 61.5/18

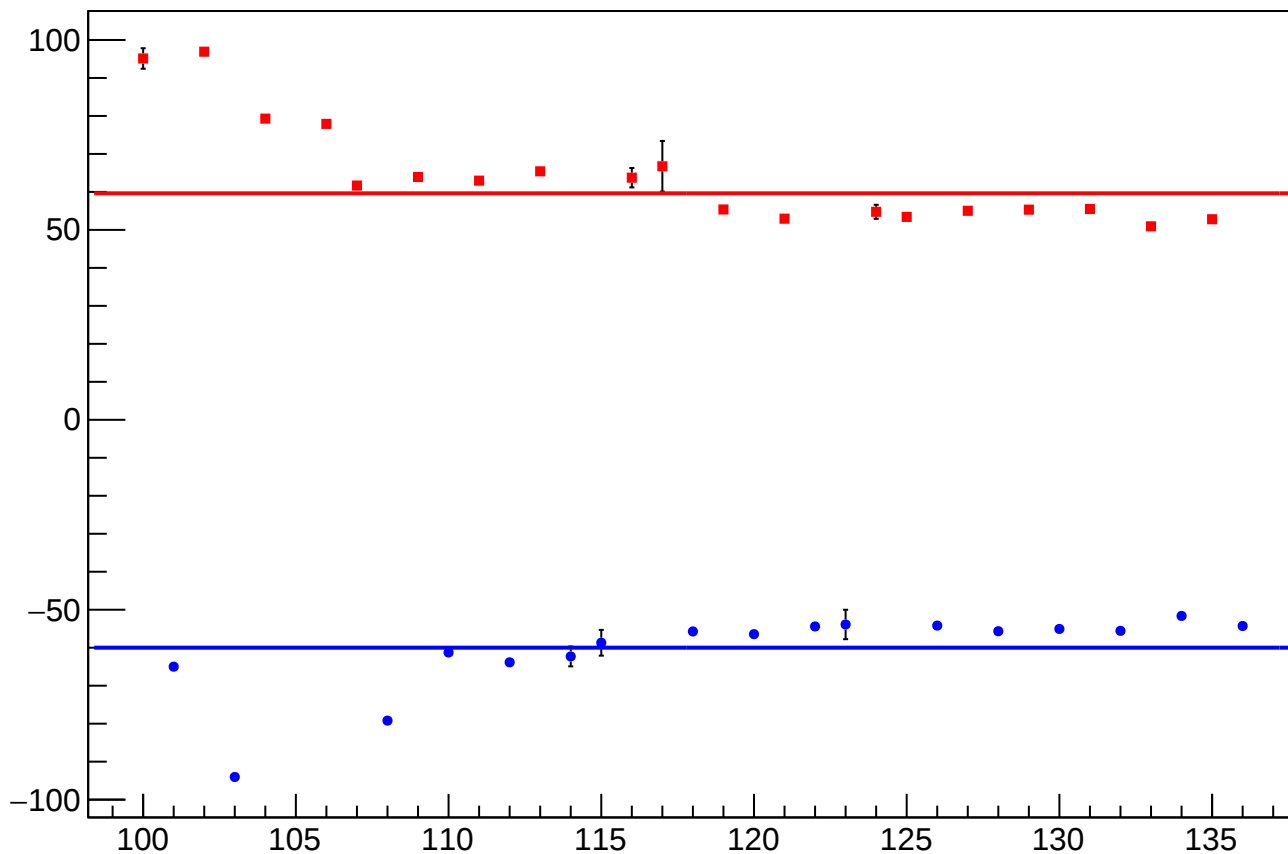
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-7.334+/-0.372 χ^2/NDF : 48.3/16

0.362+/-0.258 χ^2/NDF : 937.2/35

7.522+/-0.359 χ^2/NDF : 61.5/18

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: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 59.630 ± 0.216 χ^2/NDF : 2897.4/18

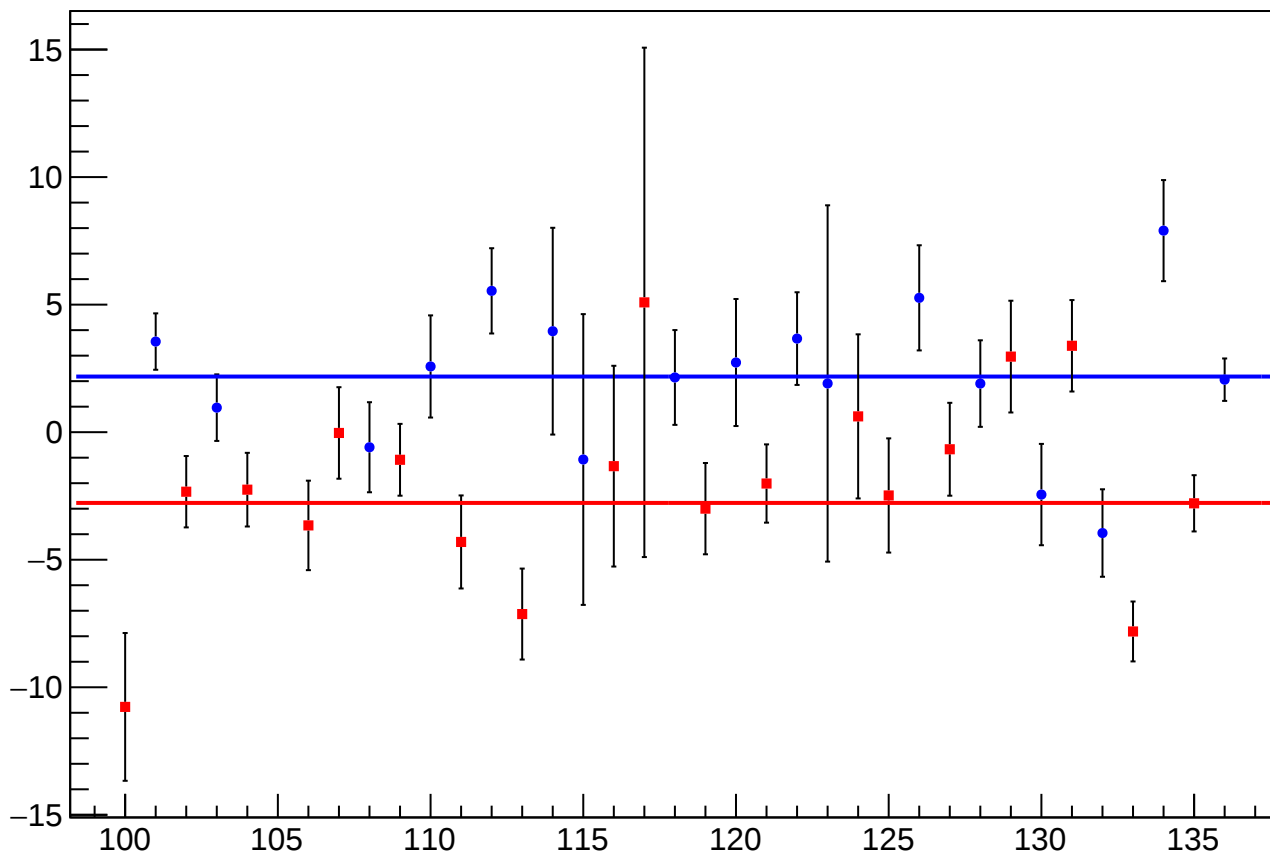
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-59.992 ± 0.225 χ^2/NDF : 1972.9/16

2.352 ± 0.156 χ^2/NDF : 152228.1/35

59.630 ± 0.216 χ^2/NDF : 2897.4/18

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.181+/-0.406 χ^2/NDF : 39.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.773+/-0.397 χ^2/NDF : 59.1/18

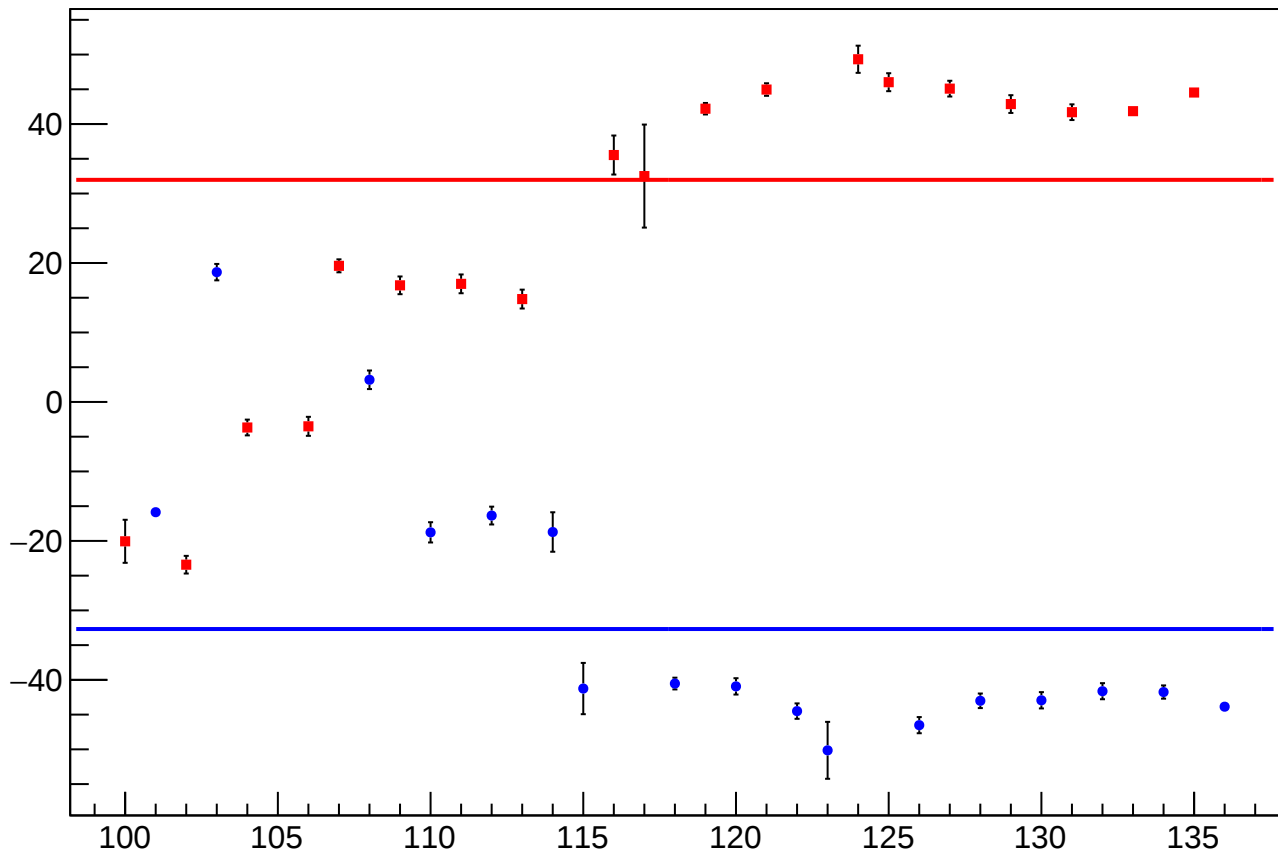
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.181+/-0.406 χ^2/NDF : 39.0/16

-0.349+/-0.284 χ^2/NDF : 174.3/35

-2.773+/-0.397 χ^2/NDF : 59.1/18

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.682 ± 0.256 χ^2/NDF : 4646.9/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 31.969 ± 0.250 χ^2/NDF : 5936.1/18

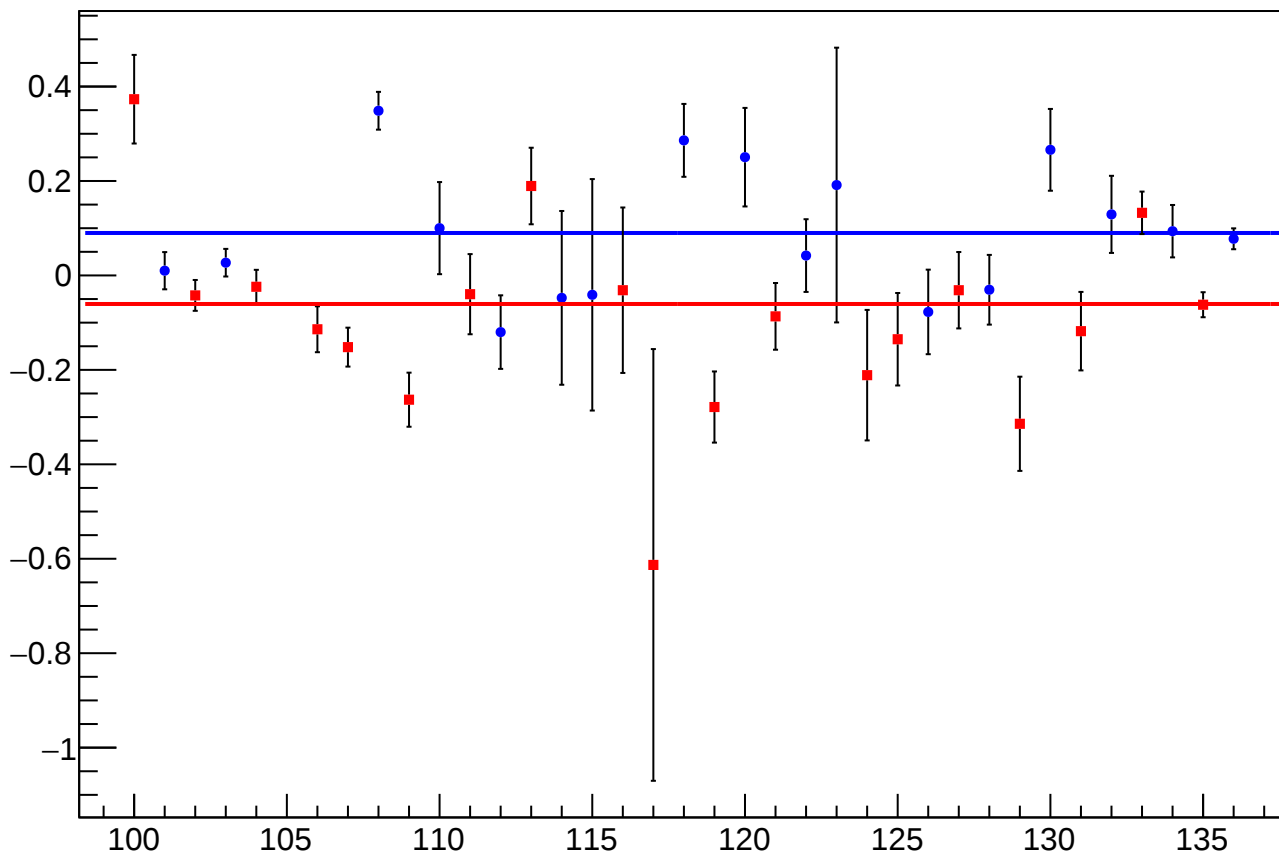
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-32.682 ± 0.256 χ^2/NDF : 4646.9/16

0.437 ± 0.179 χ^2/NDF : 43314.1/35

31.969 ± 0.250 χ^2/NDF : 5936.1/18

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.060 $\pm$ 0.013 χ^2 /NDF: 88.2/18

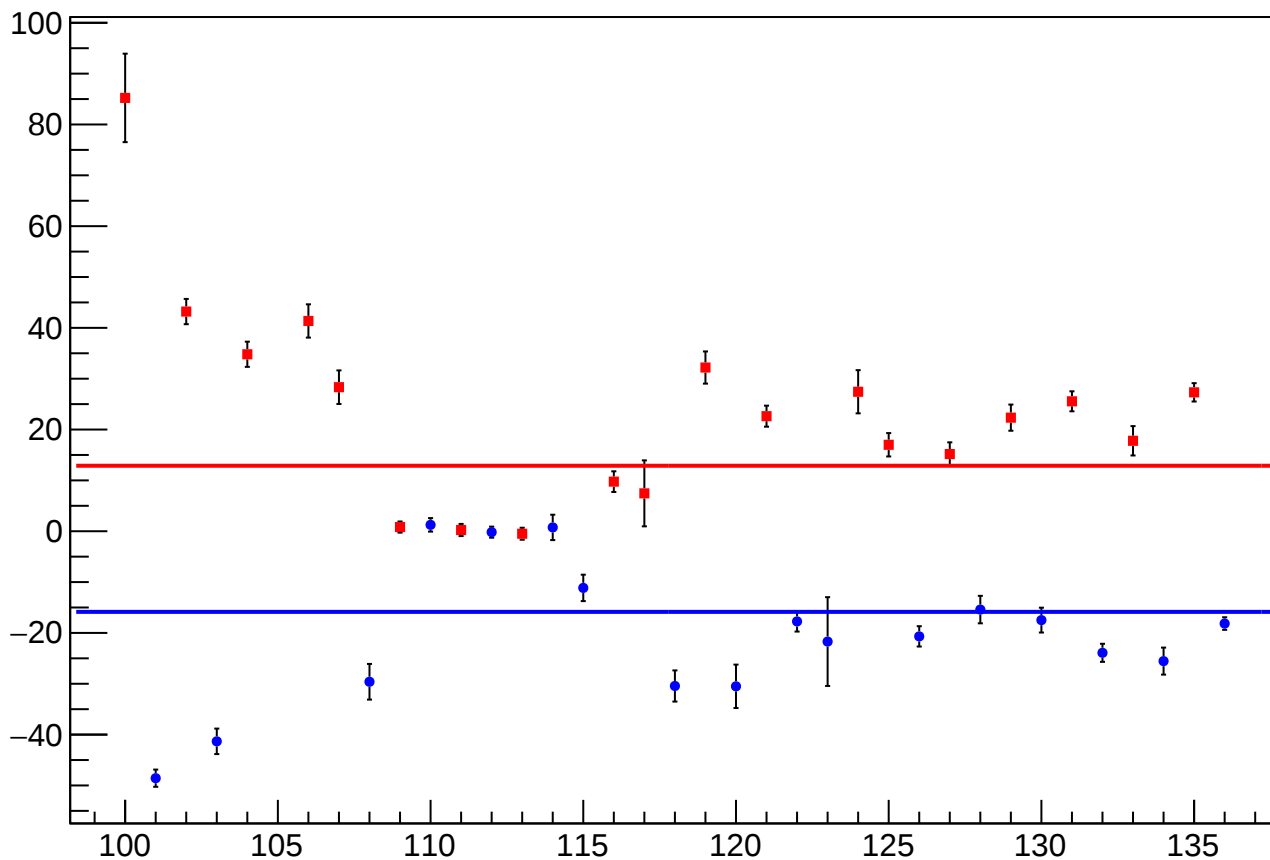
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.090 $\pm$ 0.013 χ^2 /NDF: 78.8/16

0.014 $\pm$ 0.009 χ^2 /NDF: 237.6/35

-0.060 $\pm$ 0.013 χ^2 /NDF: 88.2/18

reg_asym_sam_37_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -15.858 $\pm$ 0.477 χ^2 /NDF: 992.6/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 12.880 $\pm$ 0.464 χ^2 /NDF: 956.6/18

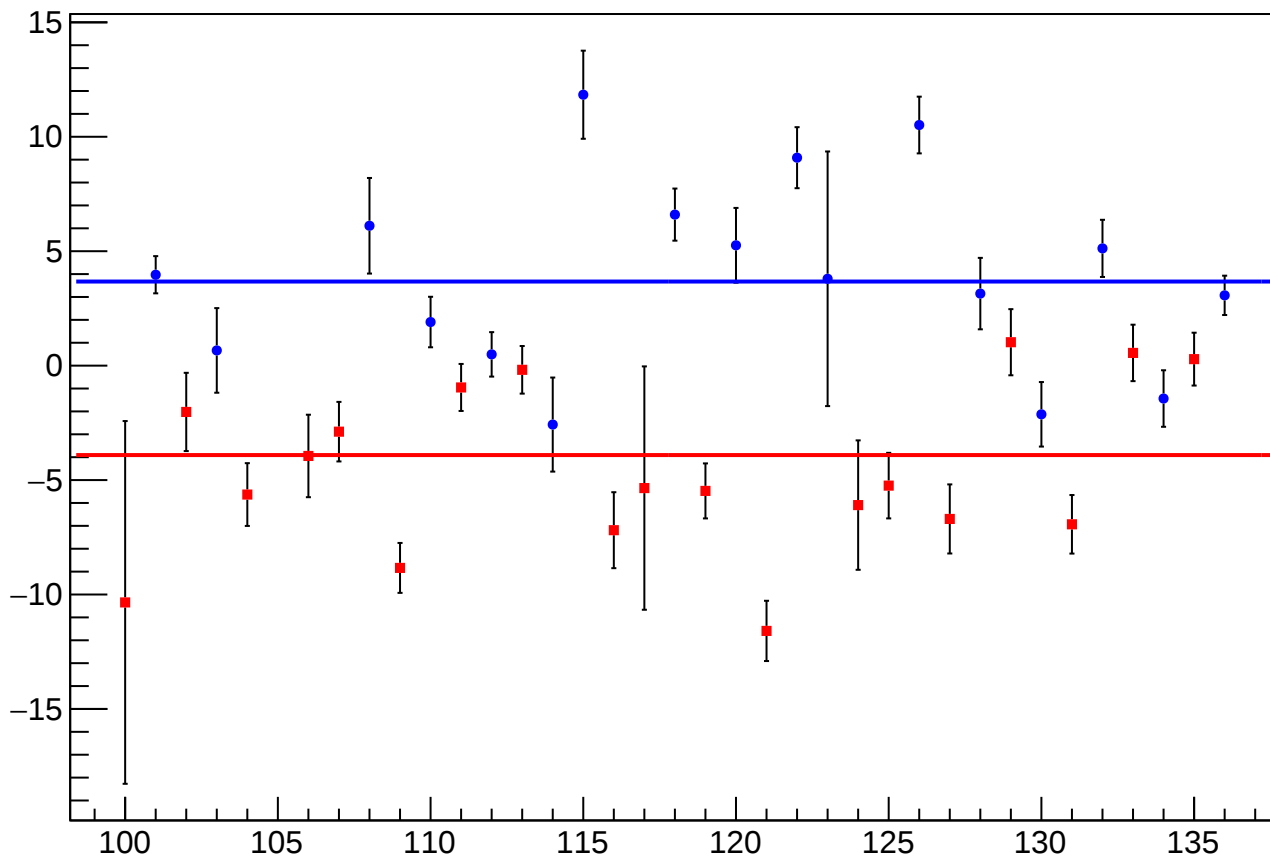
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-15.858 $\pm$ 0.477 χ^2 /NDF: 992.6/16

-1.099 $\pm$ 0.332 χ^2 /NDF: 3817.3/35

12.880 $\pm$ 0.464 χ^2 /NDF: 956.6/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.907+/-0.321 χ^2/NDF : 133.8/18

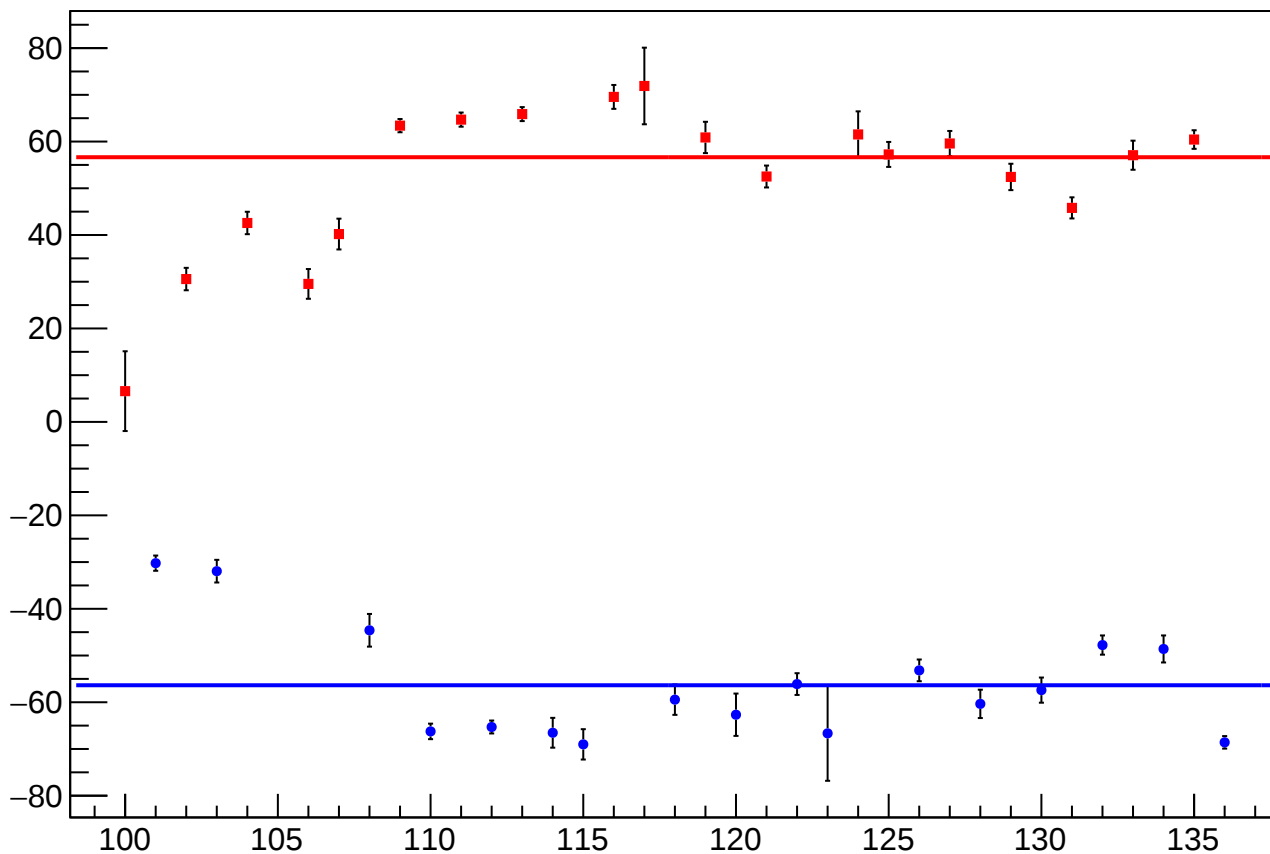
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.675+/-0.310 χ^2/NDF : 135.2/16

0.008+/-0.223 χ^2/NDF : 557.5/35

-3.907+/-0.321 χ^2/NDF : 133.8/18

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.362 $\pm$ 0.543 χ^2 /NDF: 587.2/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 56.648 $\pm$ 0.545 χ^2 /NDF: 438.1/18

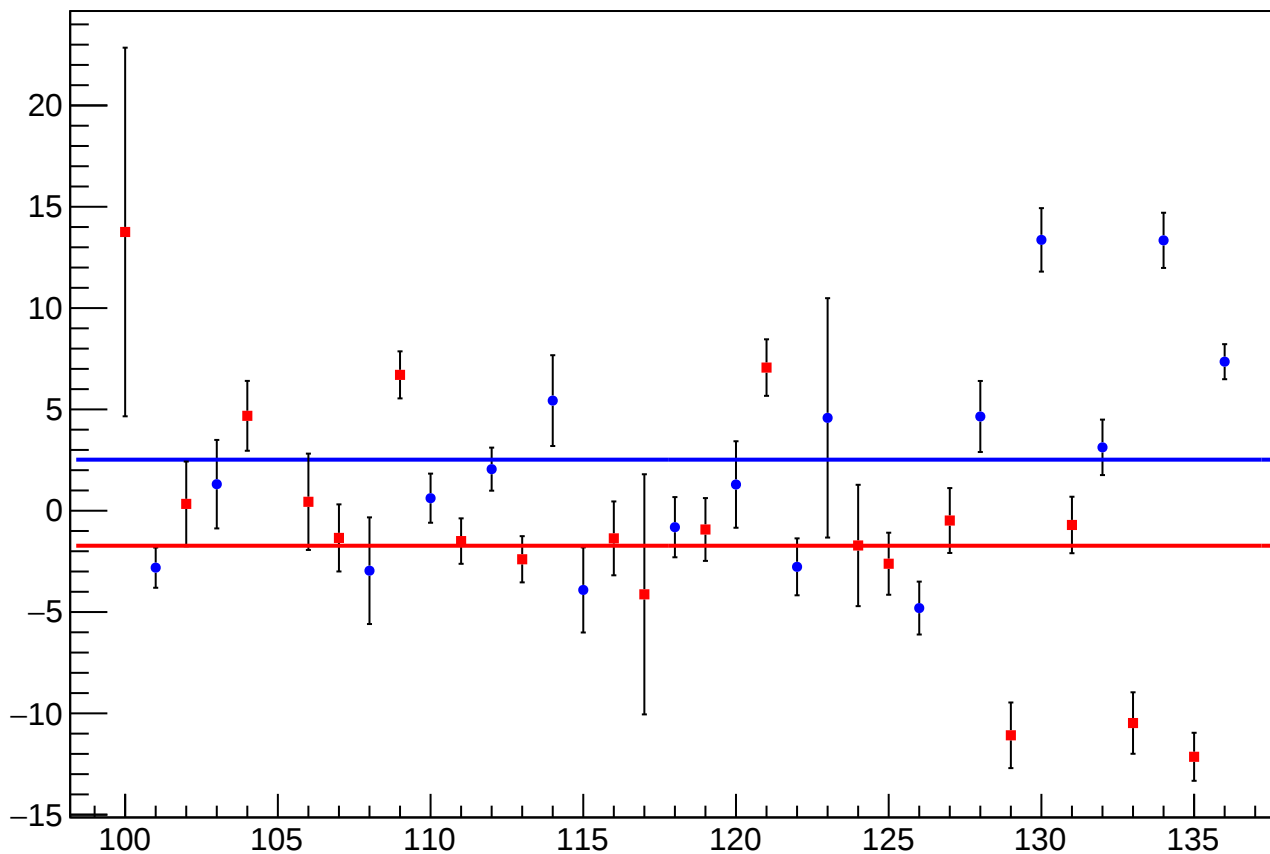
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-56.362 $\pm$ 0.543 χ^2 /NDF: 587.2/16

-0.030 $\pm$ 0.385 χ^2 /NDF: 22594.3/35

56.648 $\pm$ 0.545 χ^2 /NDF: 438.1/18

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.520+/-0.347 χ^2/NDF : 242.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.727+/-0.361 χ^2/NDF : 257.3/18

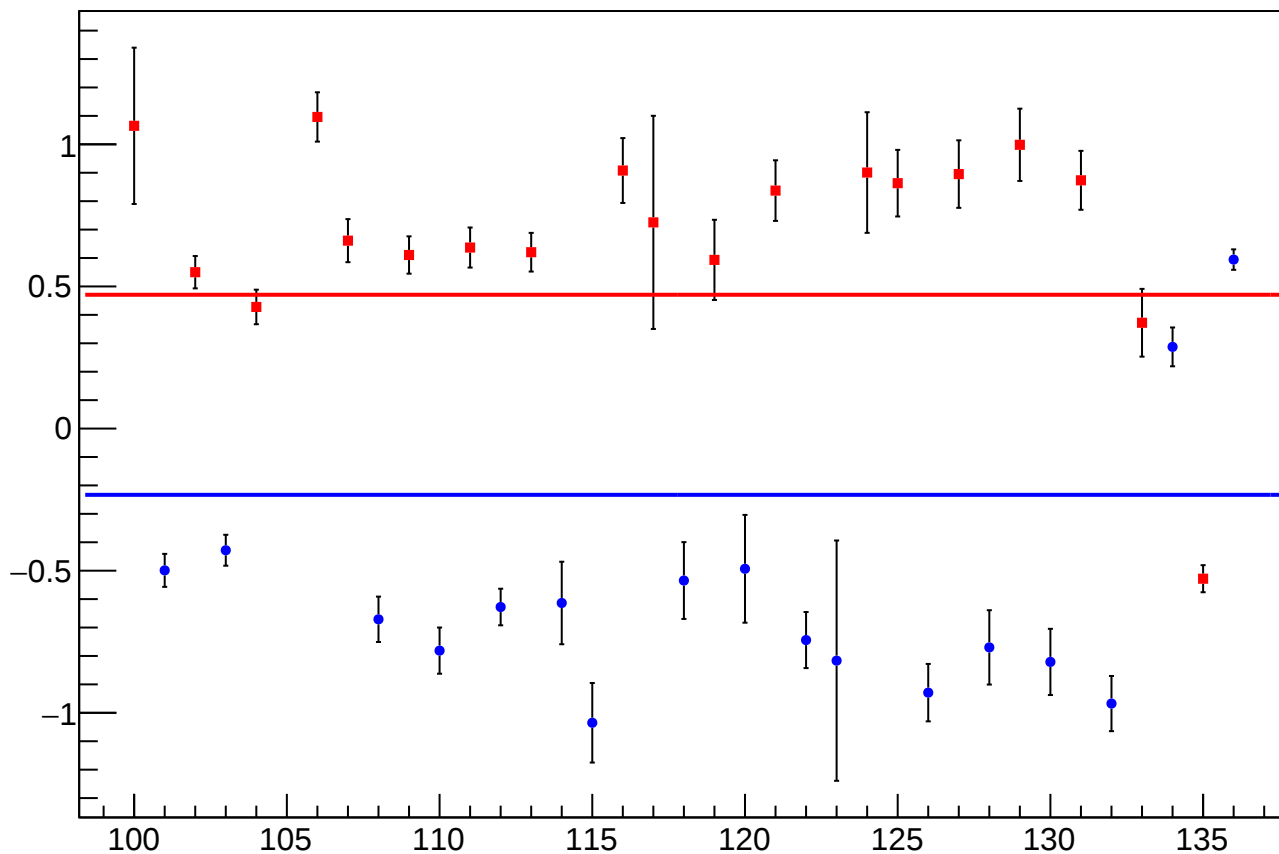
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.520+/-0.347 χ^2/NDF : 242.3/16

0.482+/-0.250 χ^2/NDF : 571.5/35

-1.727+/-0.361 χ^2/NDF : 257.3/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.471+/-0.020 χ^2/NDF : 609.3/18

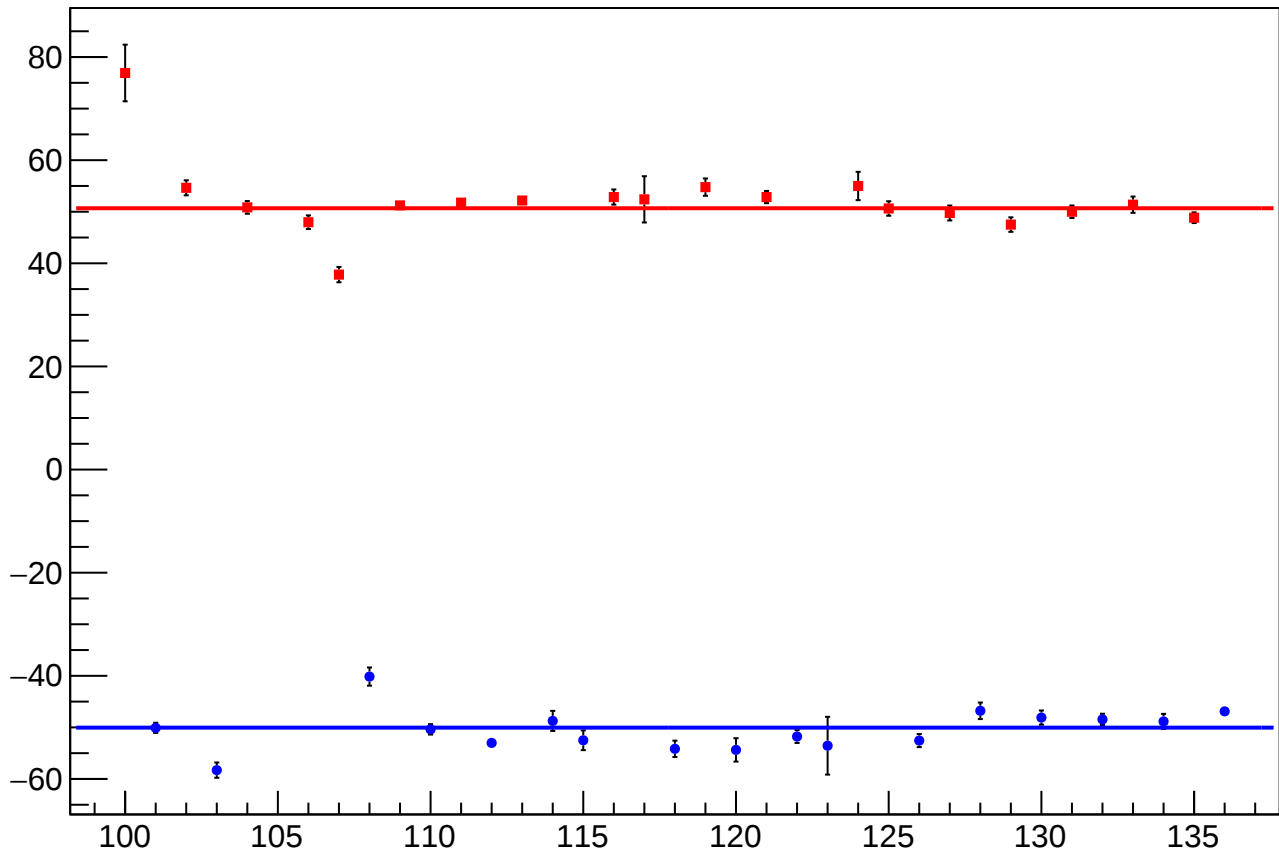
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.233+/-0.019 χ^2/NDF : 956.8/16

0.106+/-0.014 χ^2/NDF : 2234.4/35

0.471+/-0.020 χ^2/NDF : 609.3/18

reg_asym_sam_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -50.048 ± 0.303 χ^2/NDF : 122.9/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 50.678 ± 0.300 χ^2/NDF : 136.9/18

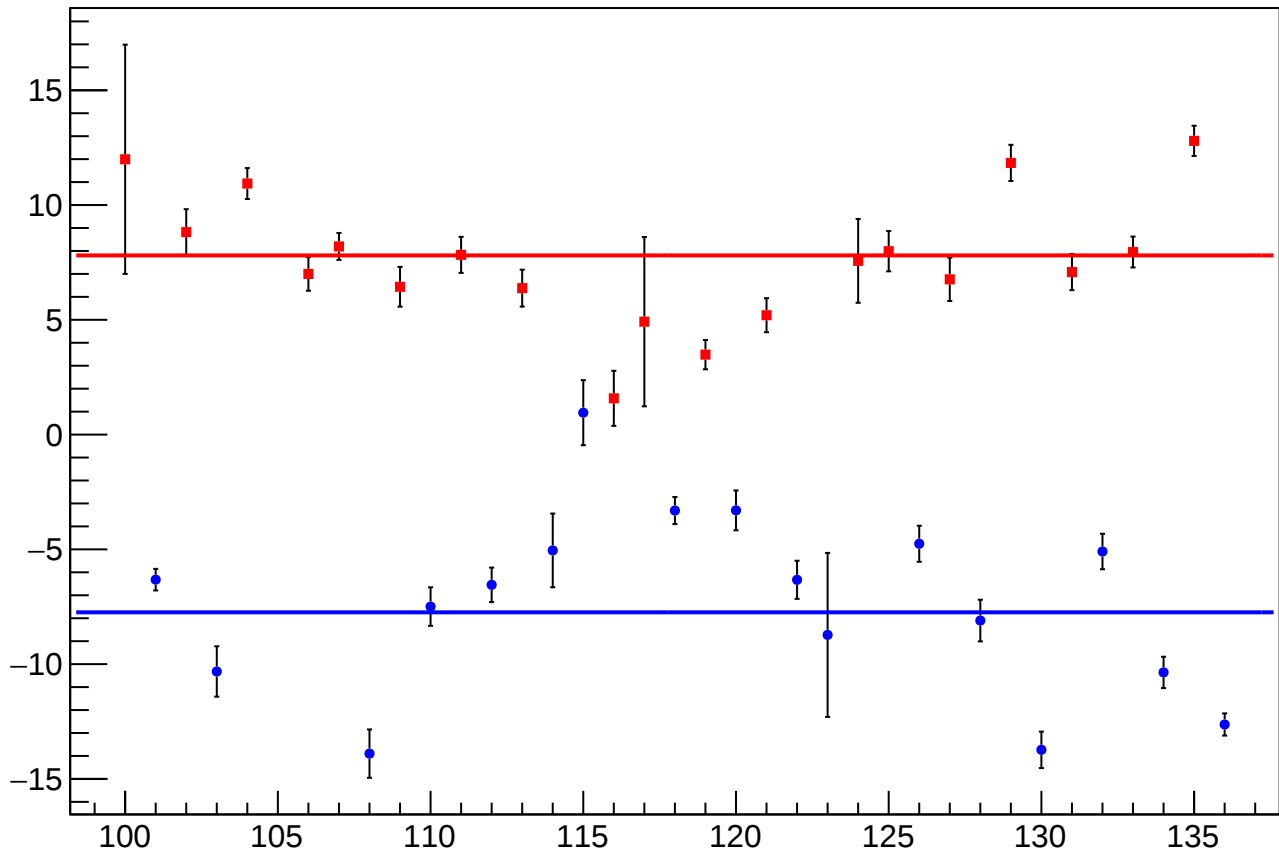
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-50.048 ± 0.303 χ^2/NDF : 122.9/16

0.757 ± 0.213 χ^2/NDF : 56073.0/35

50.678 ± 0.300 χ^2/NDF : 136.9/18

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: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 7.806+/-0.189 χ^2 /NDF: 202.1/18

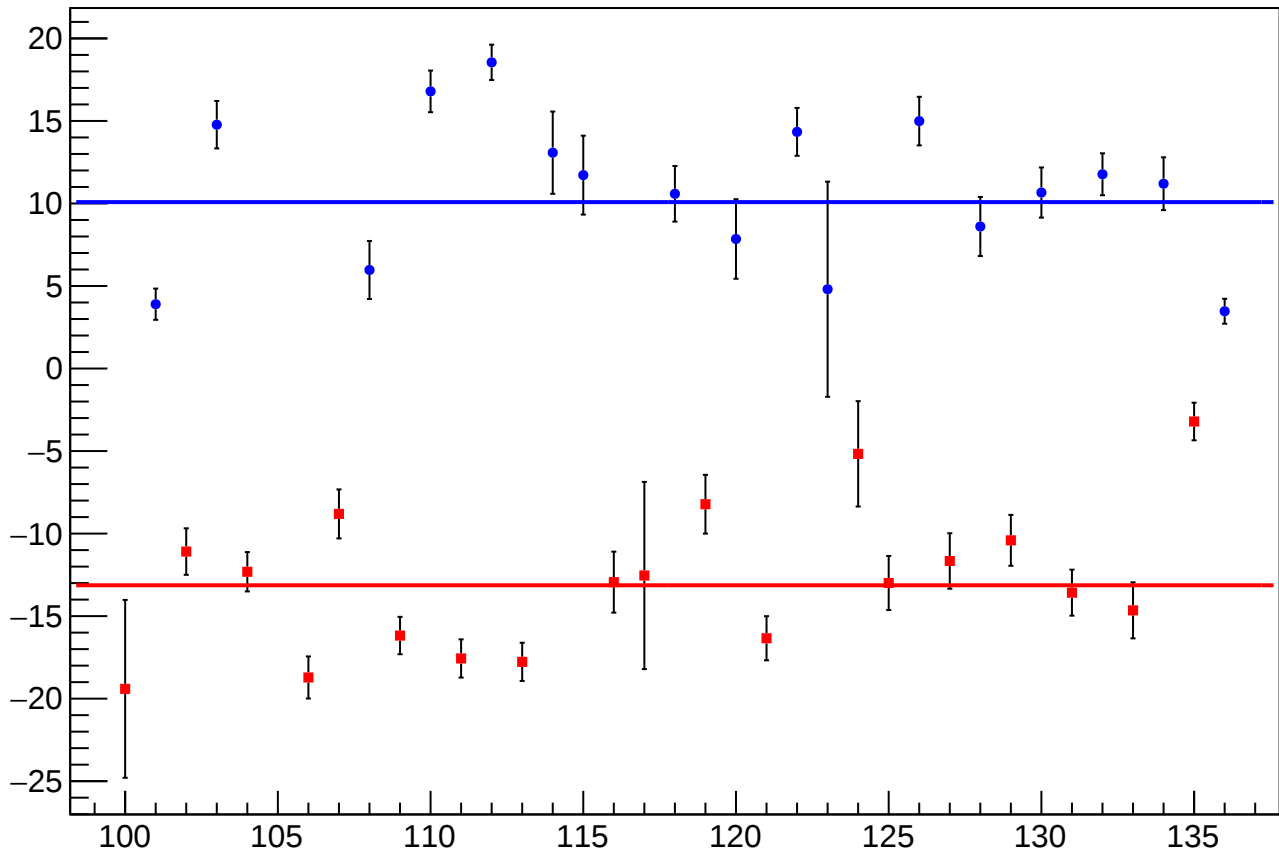
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-7.743+/-0.187 χ^2 /NDF: 377.5/16

-0.045+/-0.133 χ^2 /NDF: 3999.3/35

7.806+/-0.189 χ^2 /NDF: 202.1/18

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.083+/-0.338 χ^2 /NDF: 252.7/16

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -13.133+/-0.340 χ^2 /NDF: 169.9/18

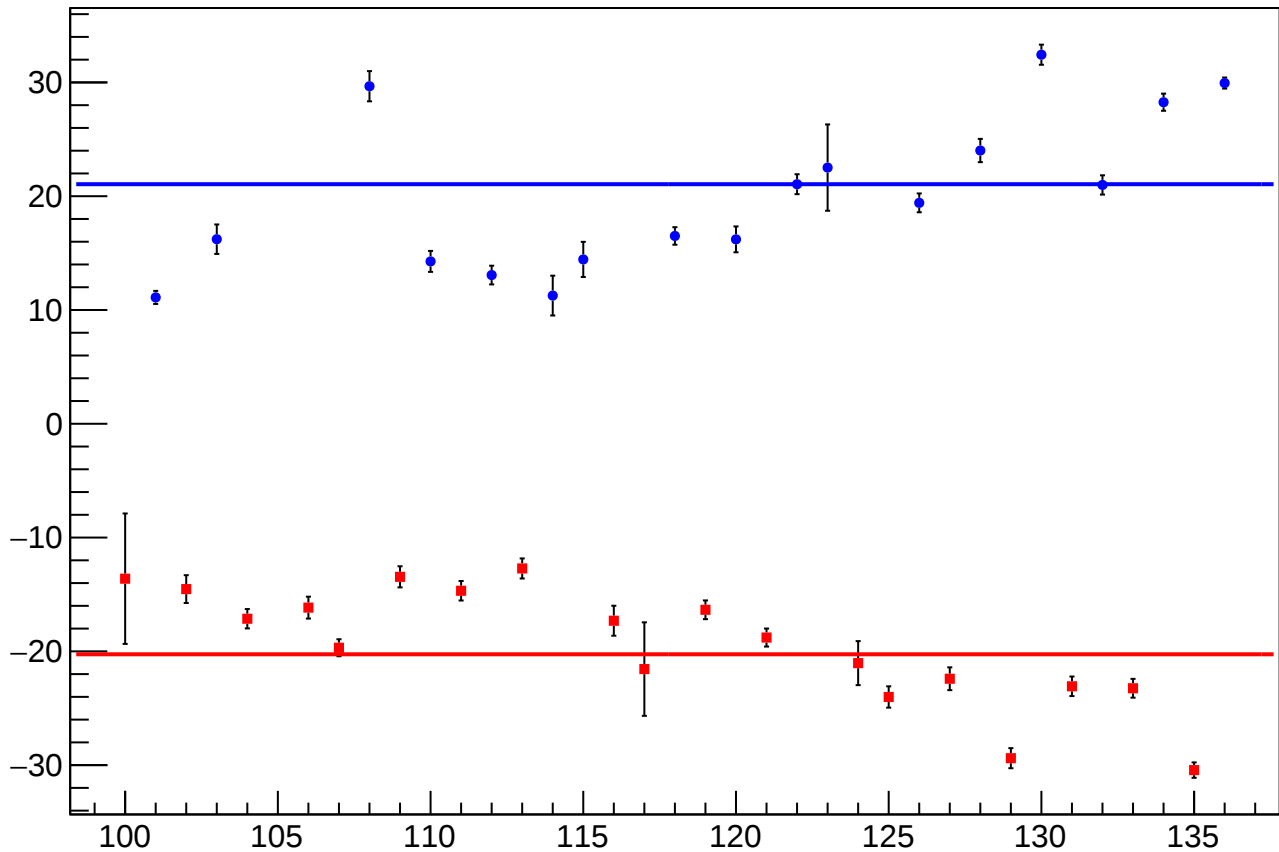
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

10.083+/-0.338 χ^2 /NDF: 252.7/16

-1.462+/-0.240 χ^2 /NDF: 2769.6/35

-13.133+/-0.340 χ^2 /NDF: 169.9/18

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 21.055+/-0.211 χ^2 /NDF: 1211.8/16

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -20.259+/-0.217 χ^2 /NDF: 634.1/18

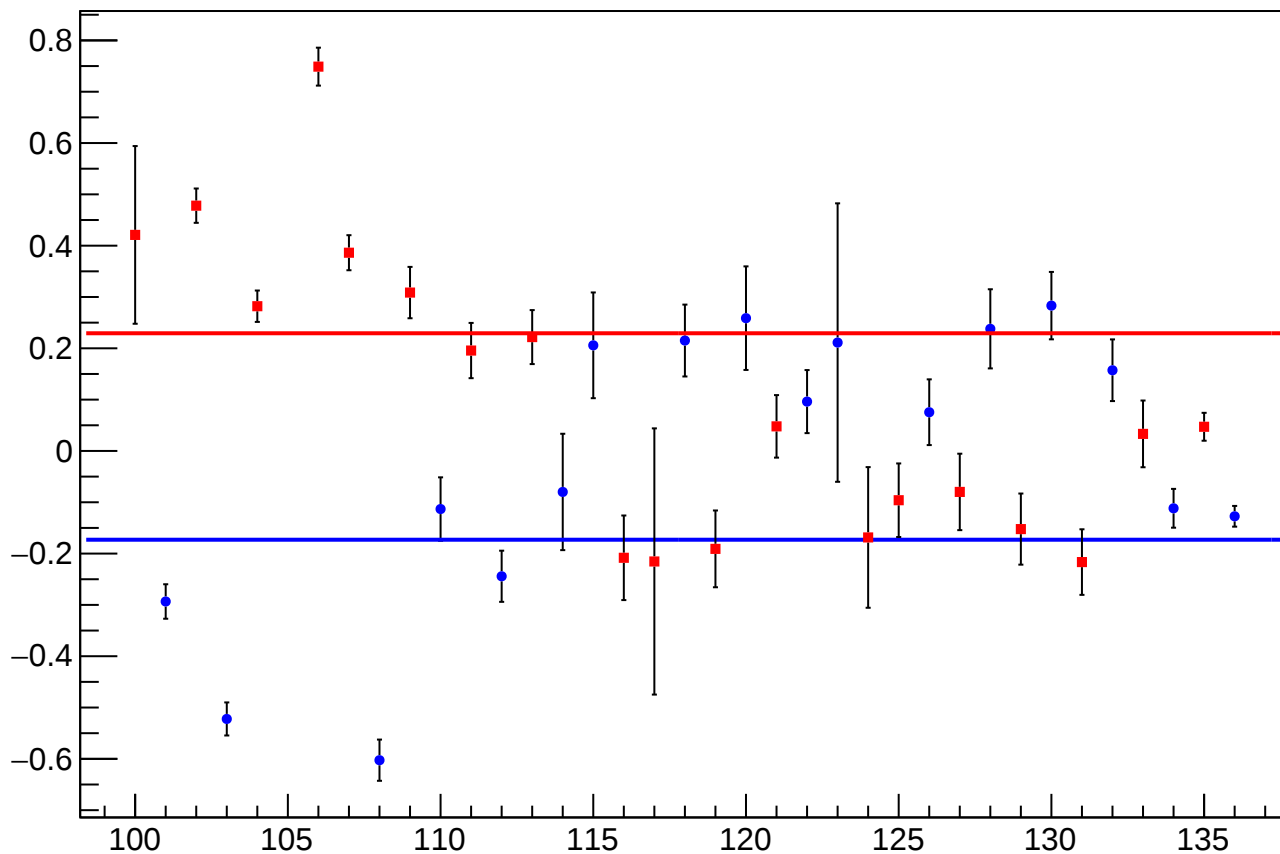
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

21.055+/-0.211 χ^2 /NDF: 1211.8/16

1.044+/-0.151 χ^2 /NDF: 20463.3/35

-20.259+/-0.217 χ^2 /NDF: 634.1/18

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: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.229 ± 0.011 χ^2/NDF : 531.9/18

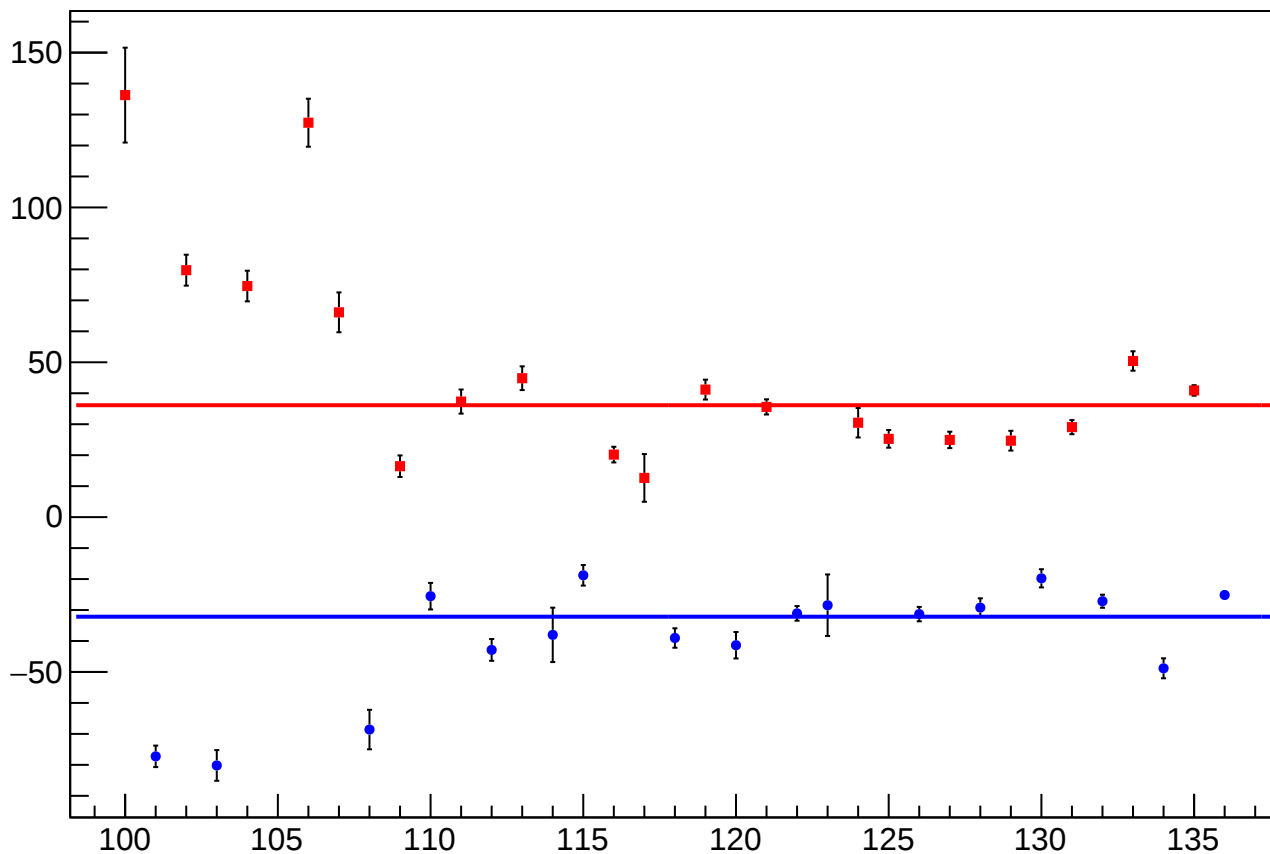
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.173 ± 0.011 χ^2/NDF : 461.8/16

0.026 ± 0.008 χ^2/NDF : 1630.3/35

0.229 ± 0.011 χ^2/NDF : 531.9/18

reg_asym_sam_26_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -32.154+/-0.667 χ^2/NDF : 423.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.134+/-0.740 χ^2/NDF : 512.9/18

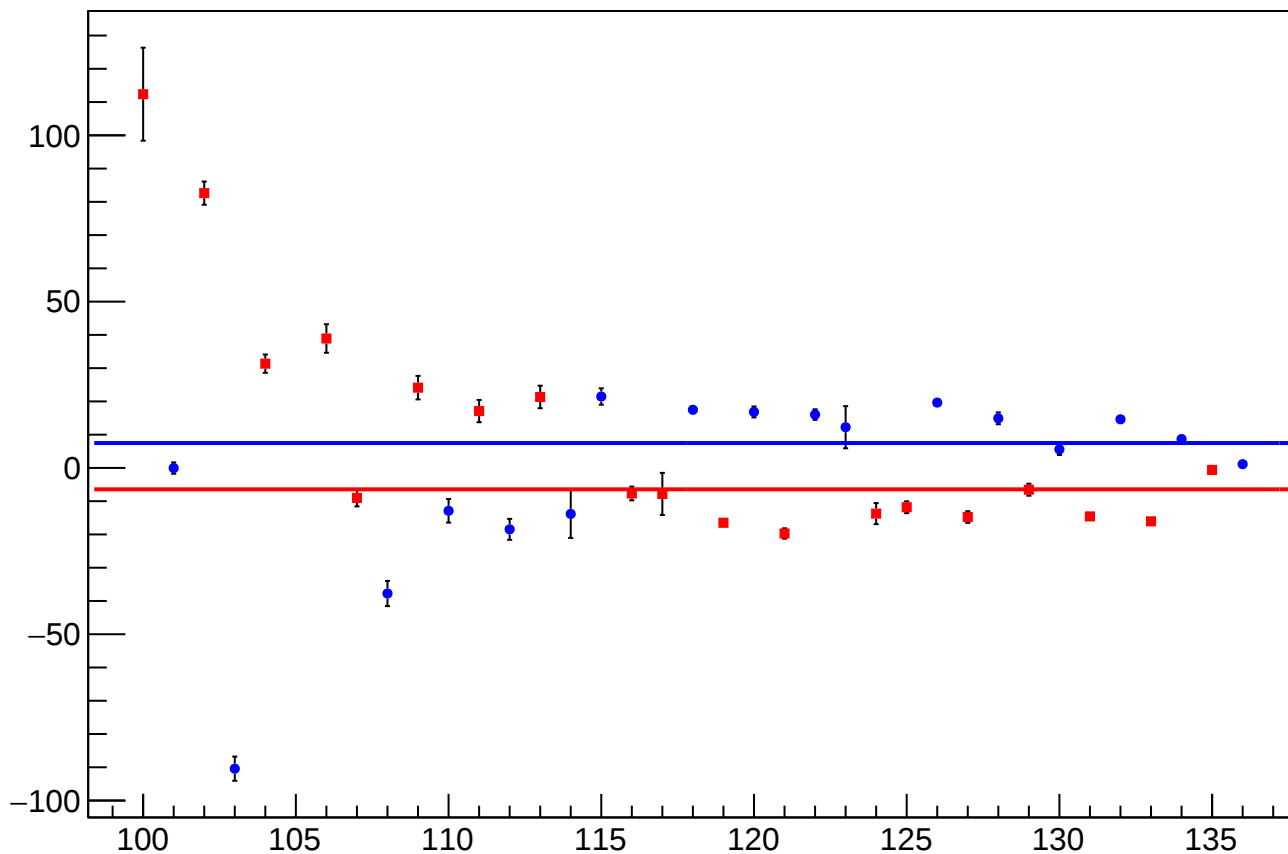
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-32.154+/-0.667 χ^2/NDF : 423.0/16

-1.556+/-0.495 χ^2/NDF : 5634.8/35

36.134+/-0.740 χ^2/NDF : 512.9/18

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: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.435 ± 0.451 χ^2/NDF : 1504.3/18

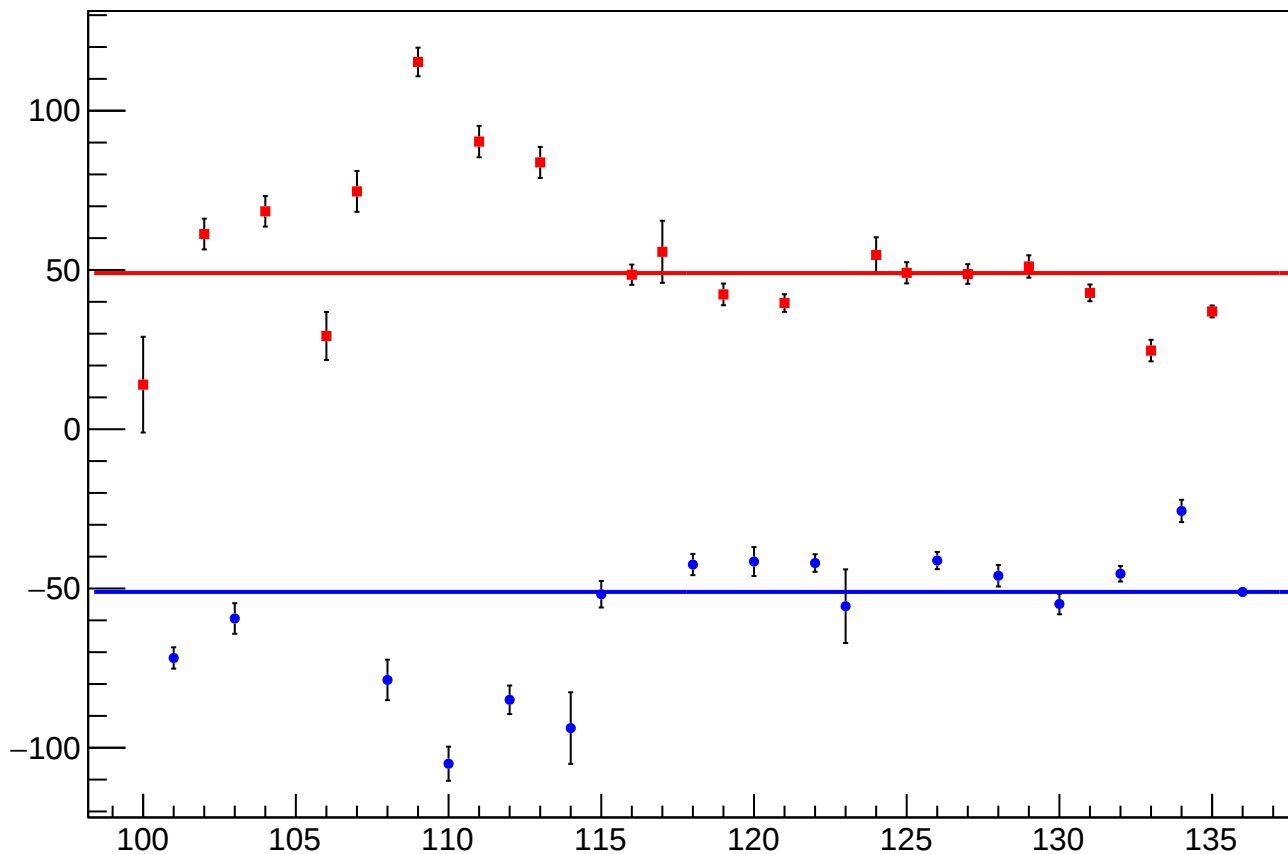
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

7.488 ± 0.407 χ^2/NDF : 1340.5/16

1.239 ± 0.302 χ^2/NDF : 3370.8/35

-6.435 ± 0.451 χ^2/NDF : 1504.3/18

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -51.077+/-0.741 χ^2/NDF : 330.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.039+/-0.839 χ^2/NDF : 505.9/18

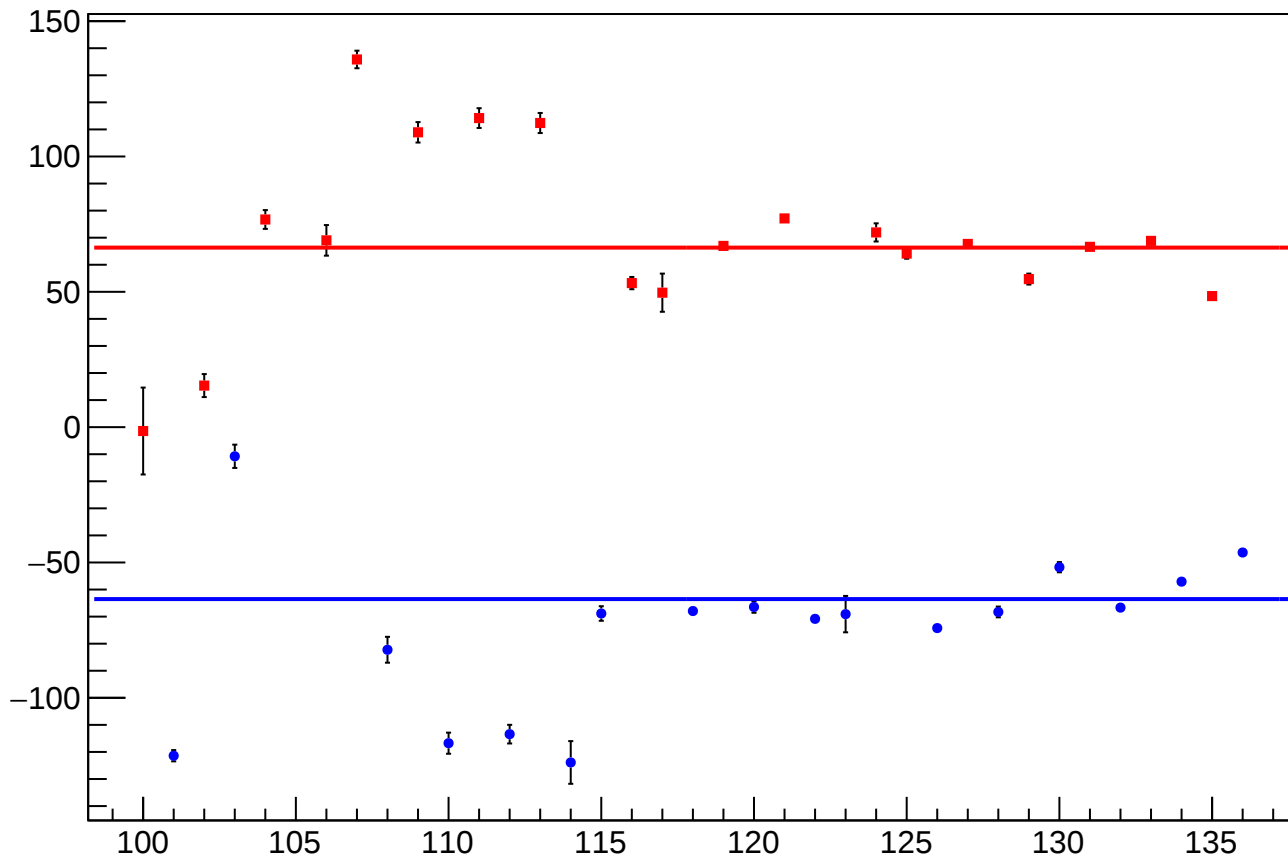
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-51.077+/-0.741 χ^2/NDF : 330.2/16

-7.234+/-0.555 χ^2/NDF : 8832.2/35

49.039+/-0.839 χ^2/NDF : 505.9/18

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 66.330 $\pm$ 0.505 χ^2 /NDF: 1459.4/18

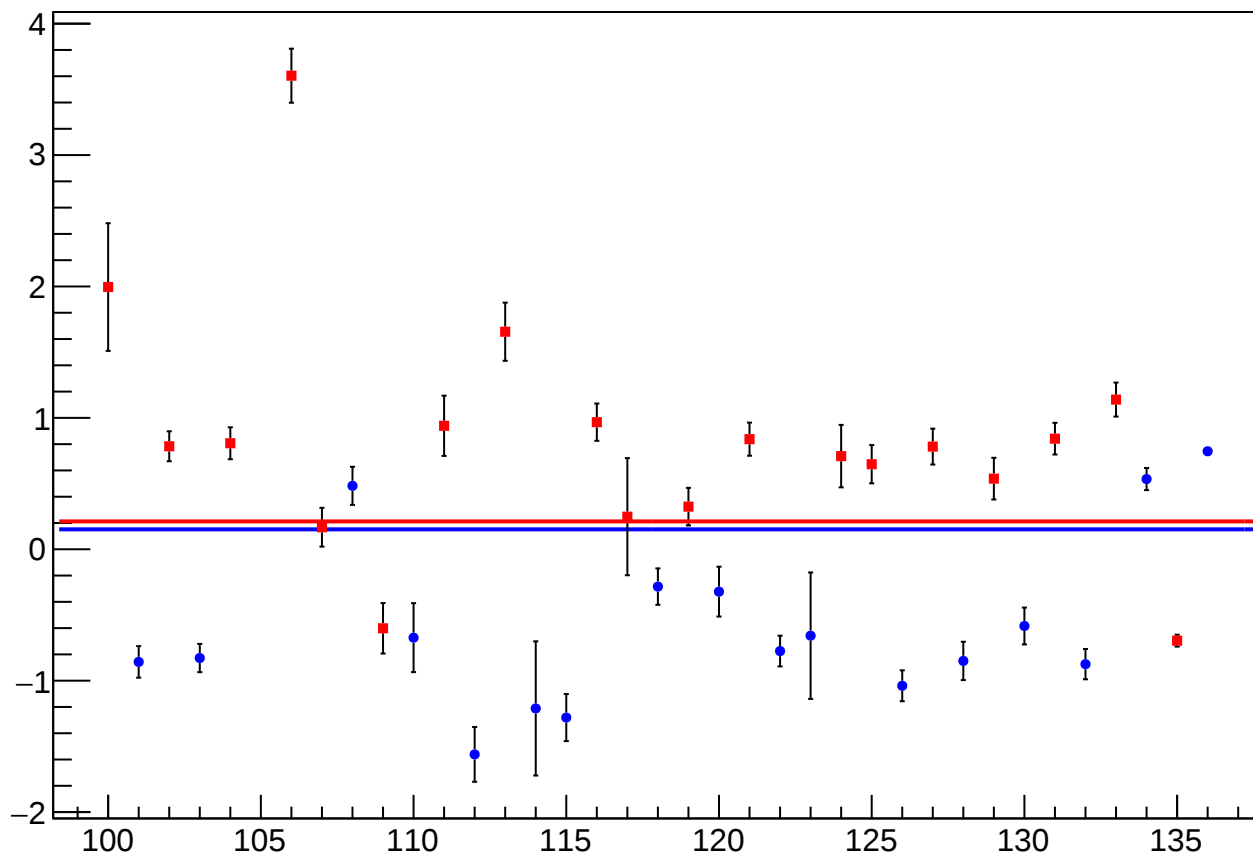
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-63.525 $\pm$ 0.449 χ^2 /NDF: 2010.9/16

-6.303 $\pm$ 0.336 χ^2 /NDF: 40383.8/35

66.330 $\pm$ 0.505 χ^2 /NDF: 1459.4/18

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.152+/-0.024 χ^2/NDF : 987.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.212+/-0.029 χ^2/NDF : 976.2/18

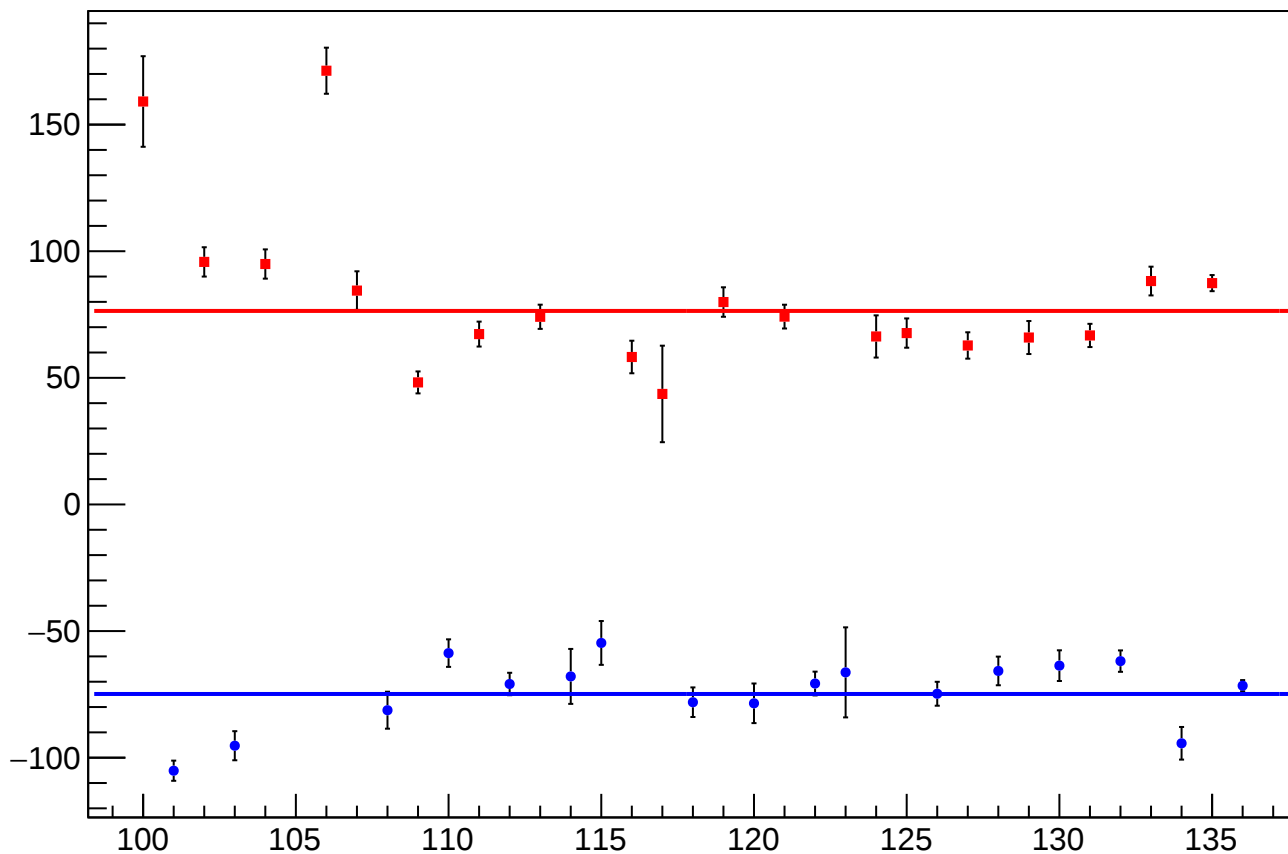
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.152+/-0.024 χ^2/NDF : 987.4/16

0.177+/-0.018 χ^2/NDF : 1966.3/35

0.212+/-0.029 χ^2/NDF : 976.2/18

reg_asym_sam_26_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -74.841 ± 1.195 χ^2/NDF : 115.0/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 76.420 ± 1.276 χ^2/NDF : 244.1/18

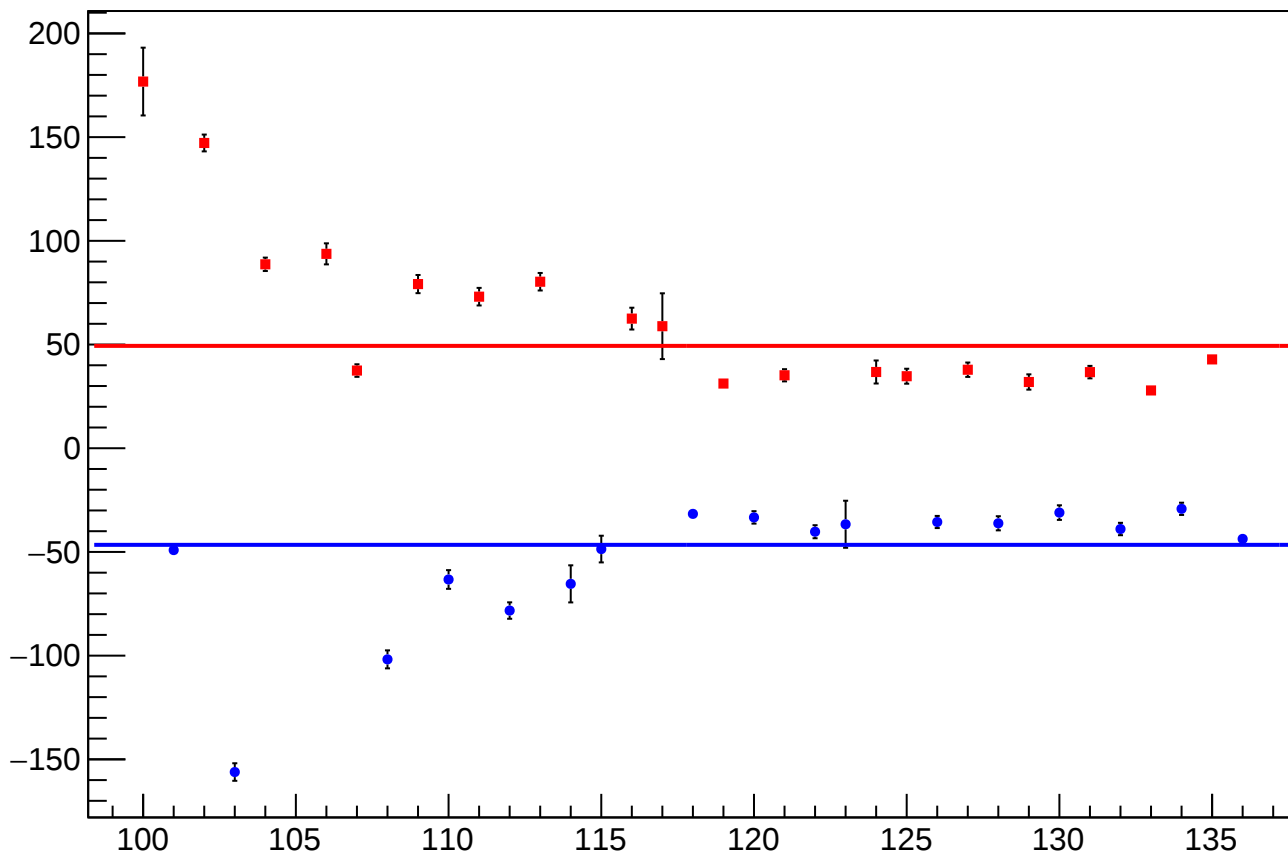
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-74.841 ± 1.195 χ^2/NDF : 115.0/16

-4.148 ± 0.872 χ^2/NDF : 7845.0/35

76.420 ± 1.276 χ^2/NDF : 244.1/18

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 49.356 $\pm$ 0.787 χ^2 /NDF: 1272.6/18

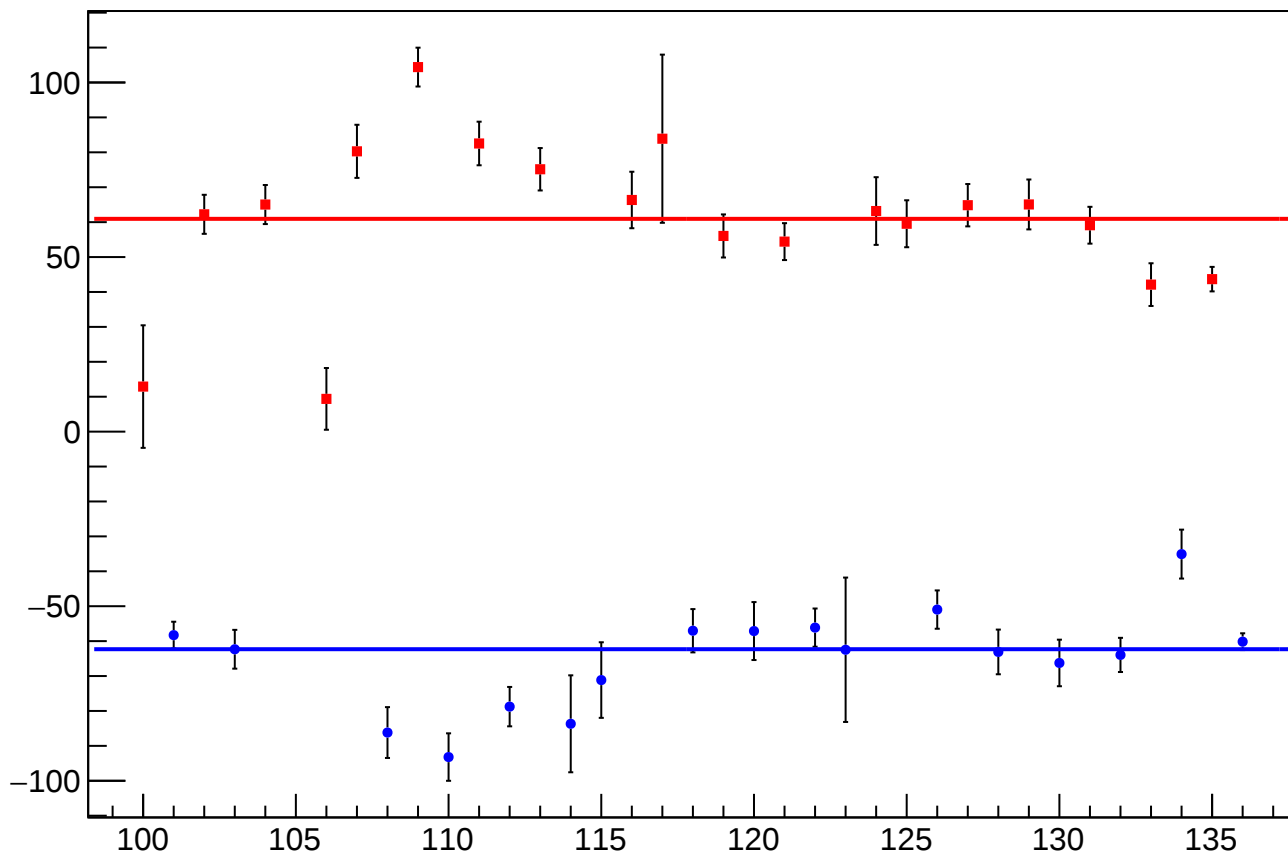
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-46.579 $\pm$ 0.730 χ^2 /NDF: 1076.4/16

-2.213 $\pm$ 0.535 χ^2 /NDF: 10343.5/35

49.356 $\pm$ 0.787 χ^2 /NDF: 1272.6/18

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: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 60.947 ± 1.436 χ^2/NDF : 165.2/18

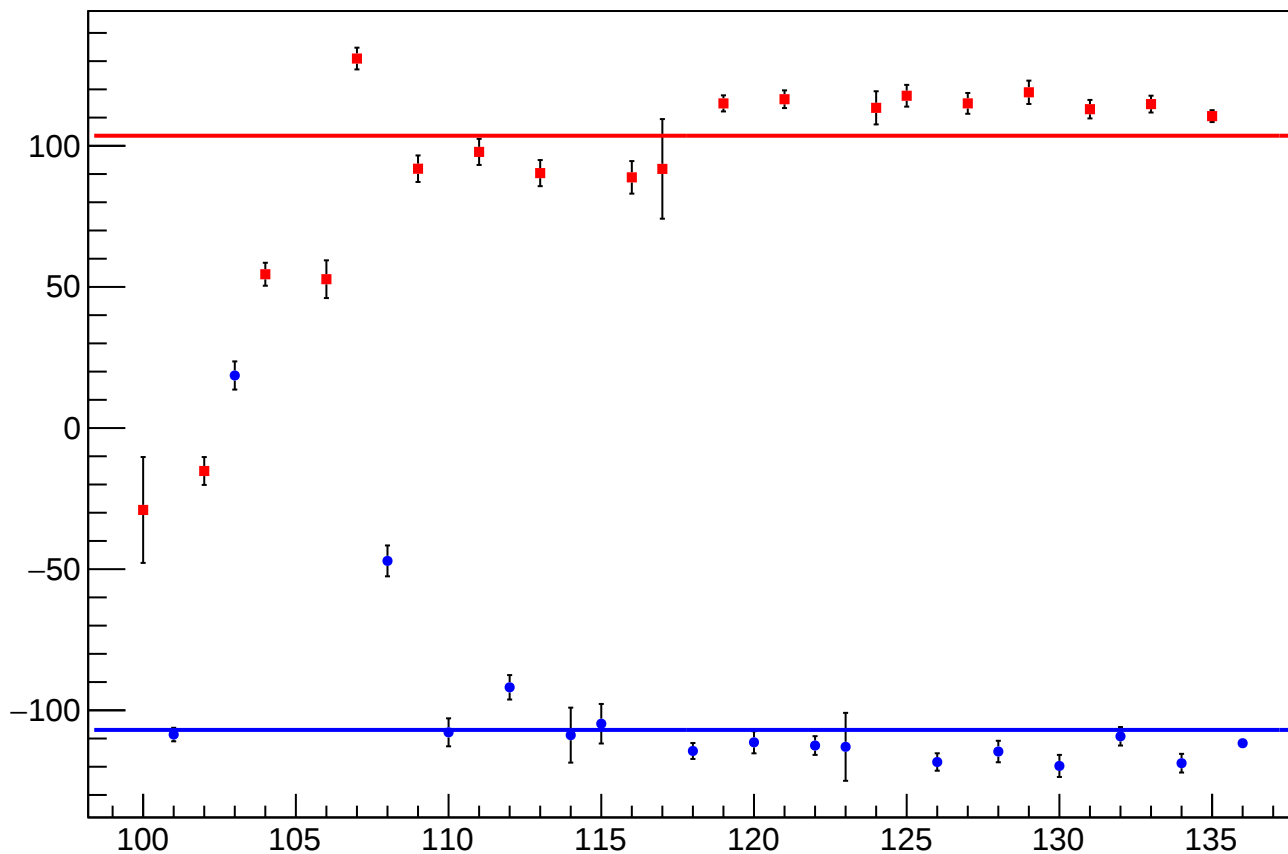
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-62.315 ± 1.316 χ^2/NDF : 67.1/16

-6.066 ± 0.970 χ^2/NDF : 4238.3/35

60.947 ± 1.436 χ^2/NDF : 165.2/18

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: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 103.578+/-0.894 χ^2 /NDF: 1012.1/18

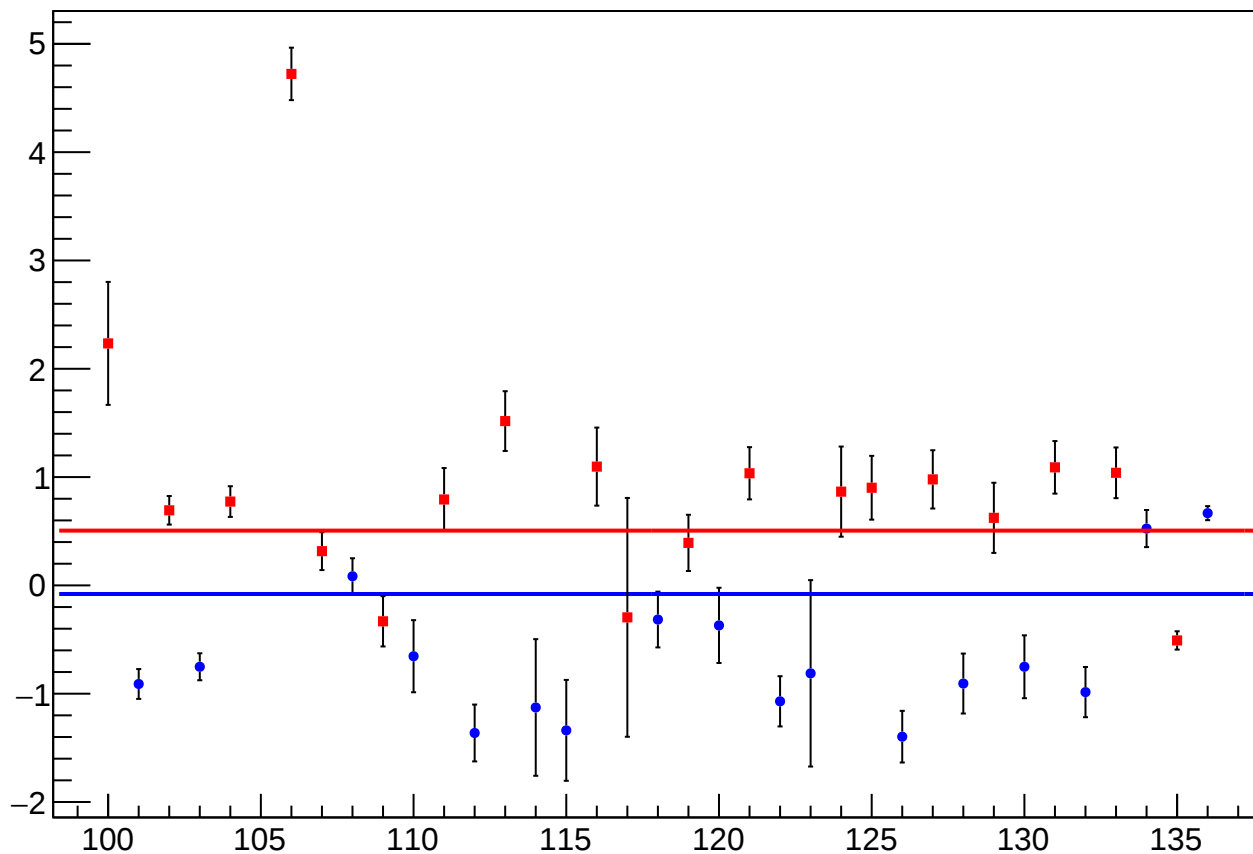
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-106.954+/-0.817 χ^2 /NDF: 827.2/16

-11.160+/-0.603 χ^2 /NDF: 32039.9/35

103.578+/-0.894 χ^2 /NDF: 1012.1/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.506+/-0.047 χ^2/NDF : 515.3/18

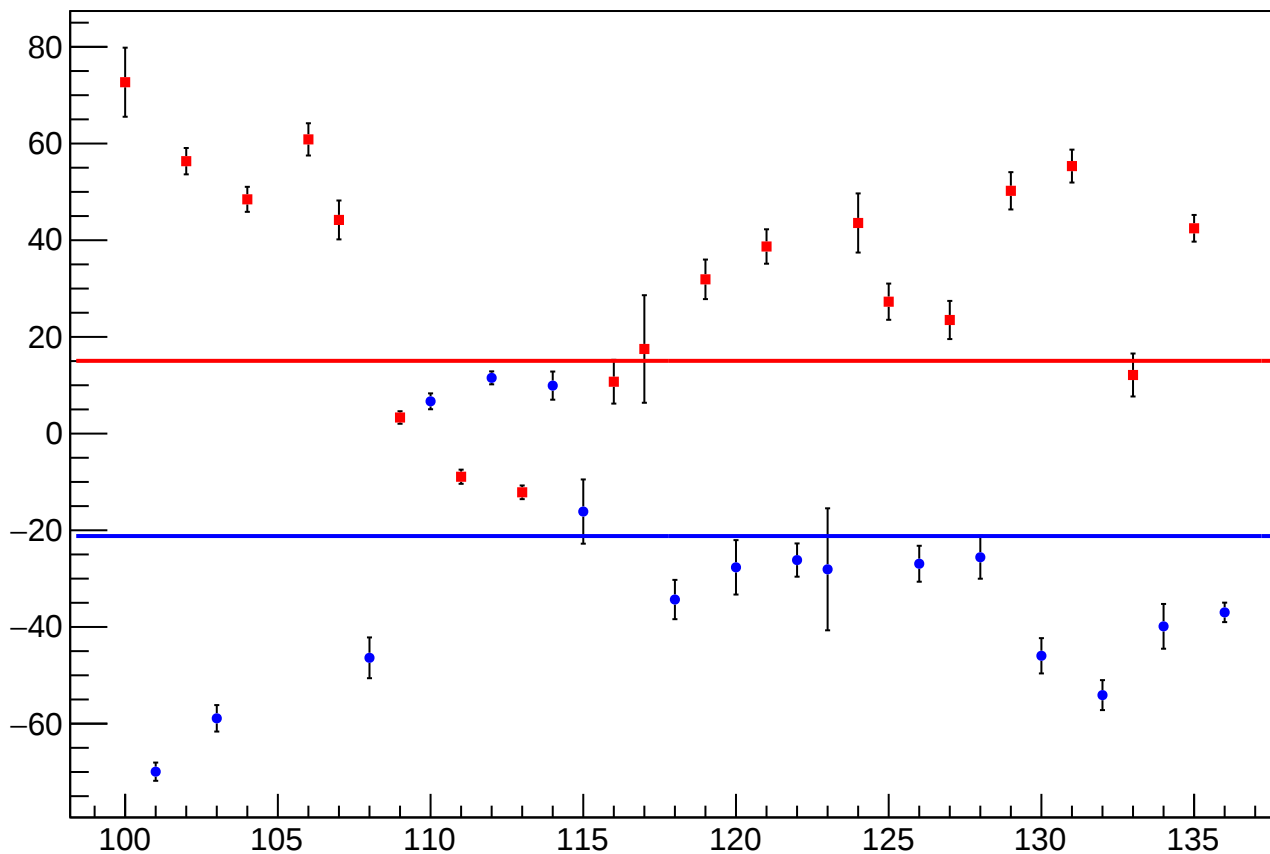
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.079+/-0.042 χ^2/NDF : 328.5/16

0.185+/-0.031 χ^2/NDF : 930.3/35

0.506+/-0.047 χ^2/NDF : 515.3/18

reg_asym_sam_48_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -21.194 ± 0.657 χ^2/NDF : 2145.3/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 15.049 ± 0.607 χ^2/NDF : 1843.2/18

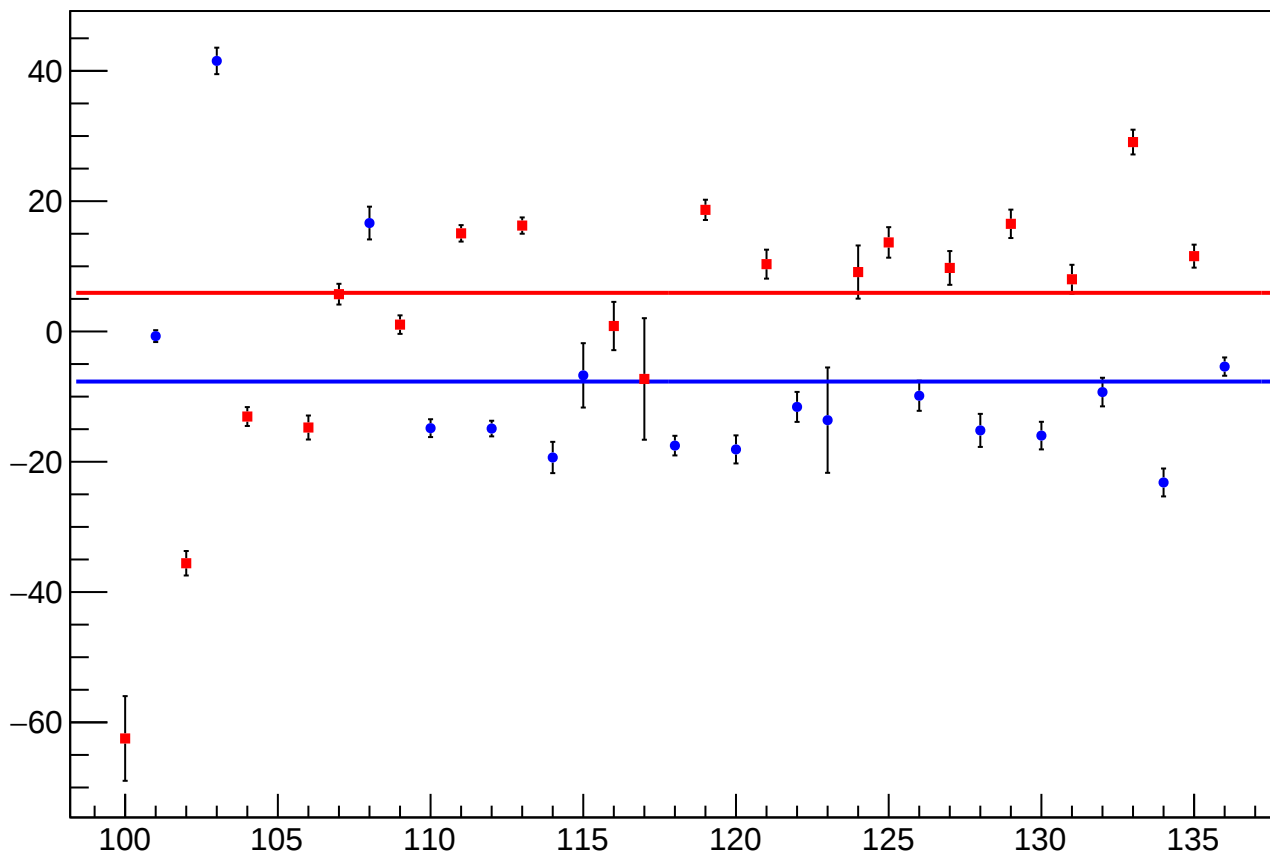
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-21.194 ± 0.657 χ^2/NDF : 2145.3/16

-1.652 ± 0.446 χ^2/NDF : 5629.0/35

15.049 ± 0.607 χ^2/NDF : 1843.2/18

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: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 5.929+/-0.433 χ^2 /NDF: 1300.1/18

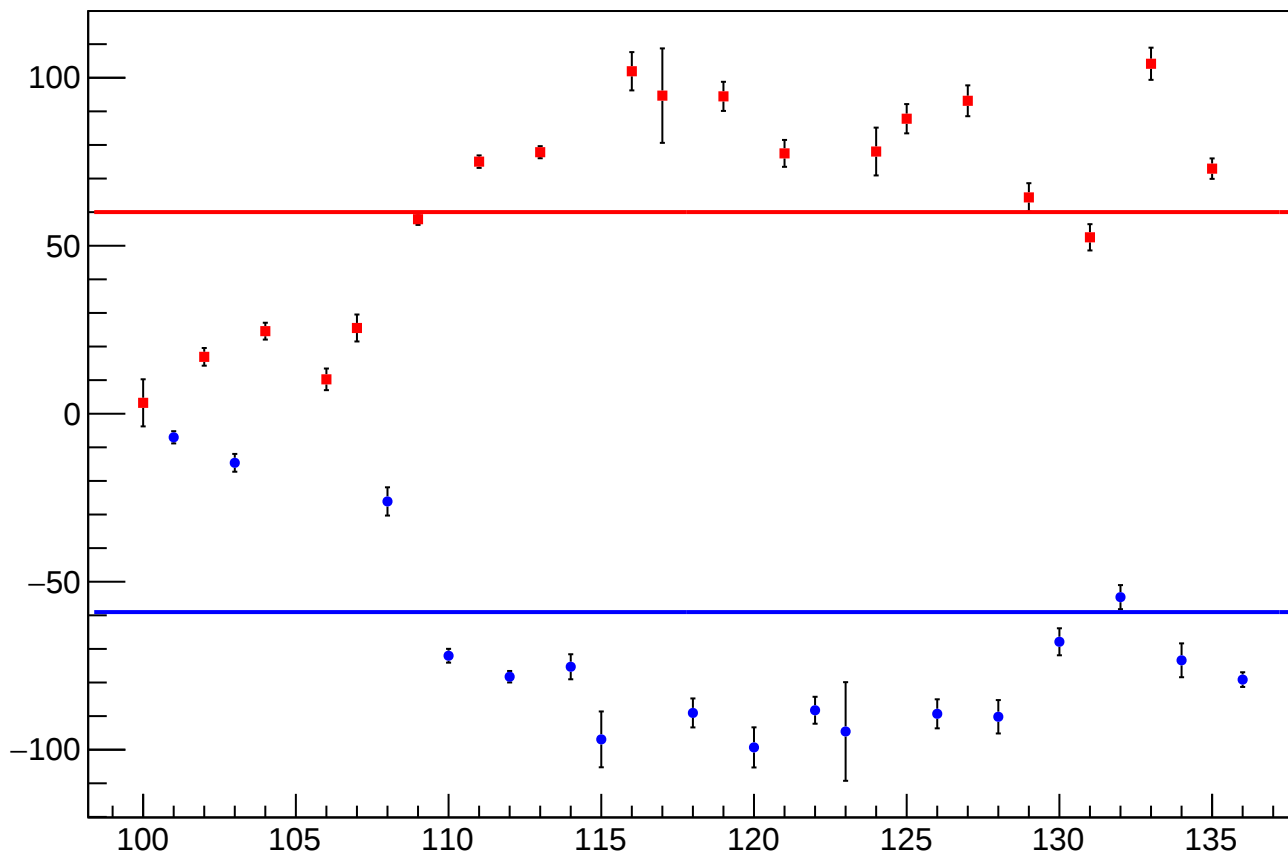
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-7.686+/-0.430 χ^2 /NDF: 975.9/16

-0.925+/-0.305 χ^2 /NDF: 2773.9/35

5.929+/-0.433 χ^2 /NDF: 1300.1/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.020+/-0.711 χ^2/NDF : 1361.3/18

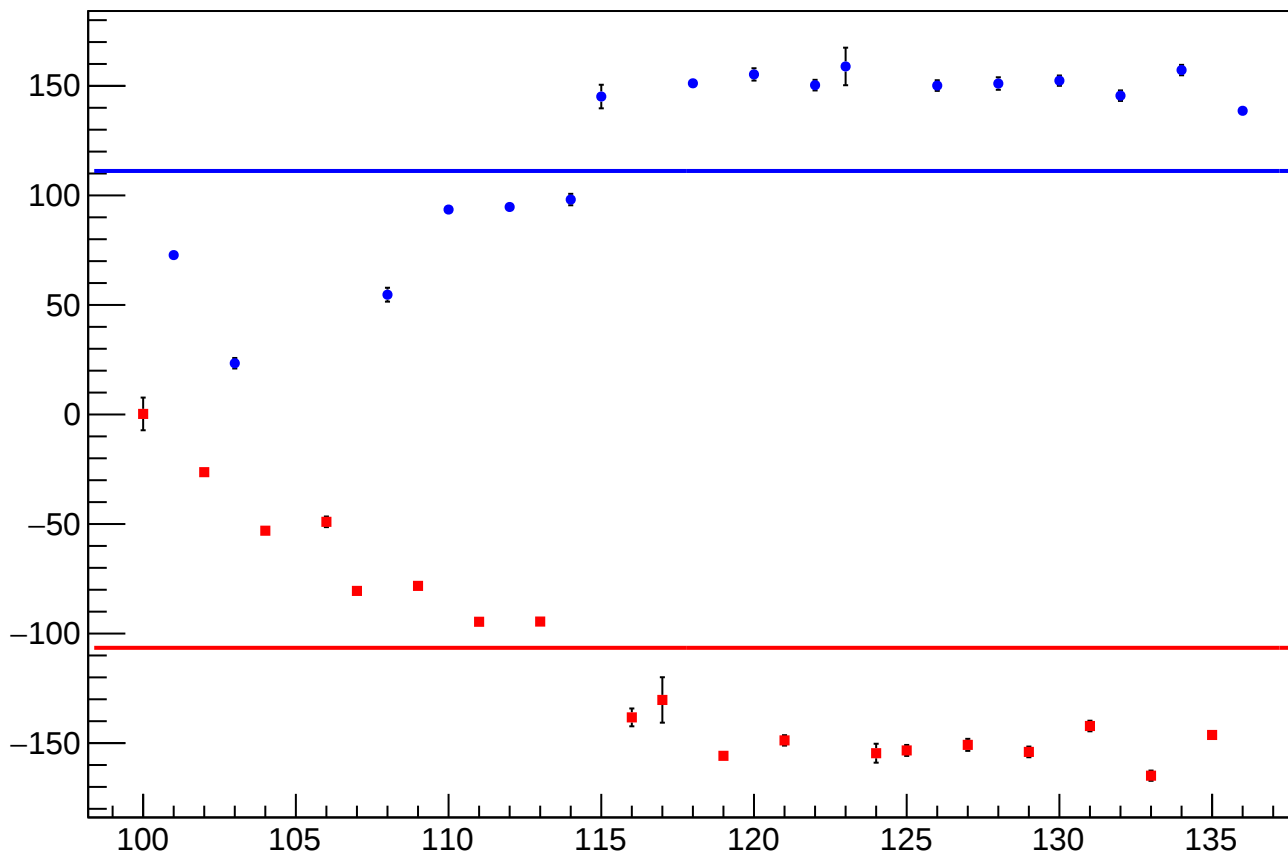
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-59.039+/-0.746 χ^2/NDF : 1709.5/16

3.287+/-0.515 χ^2/NDF : 16416.6/35

60.020+/-0.711 χ^2/NDF : 1361.3/18

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.160+/-0.489 χ^2/NDF : 5877.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -106.506+/-0.494 χ^2/NDF : 6951.4/18

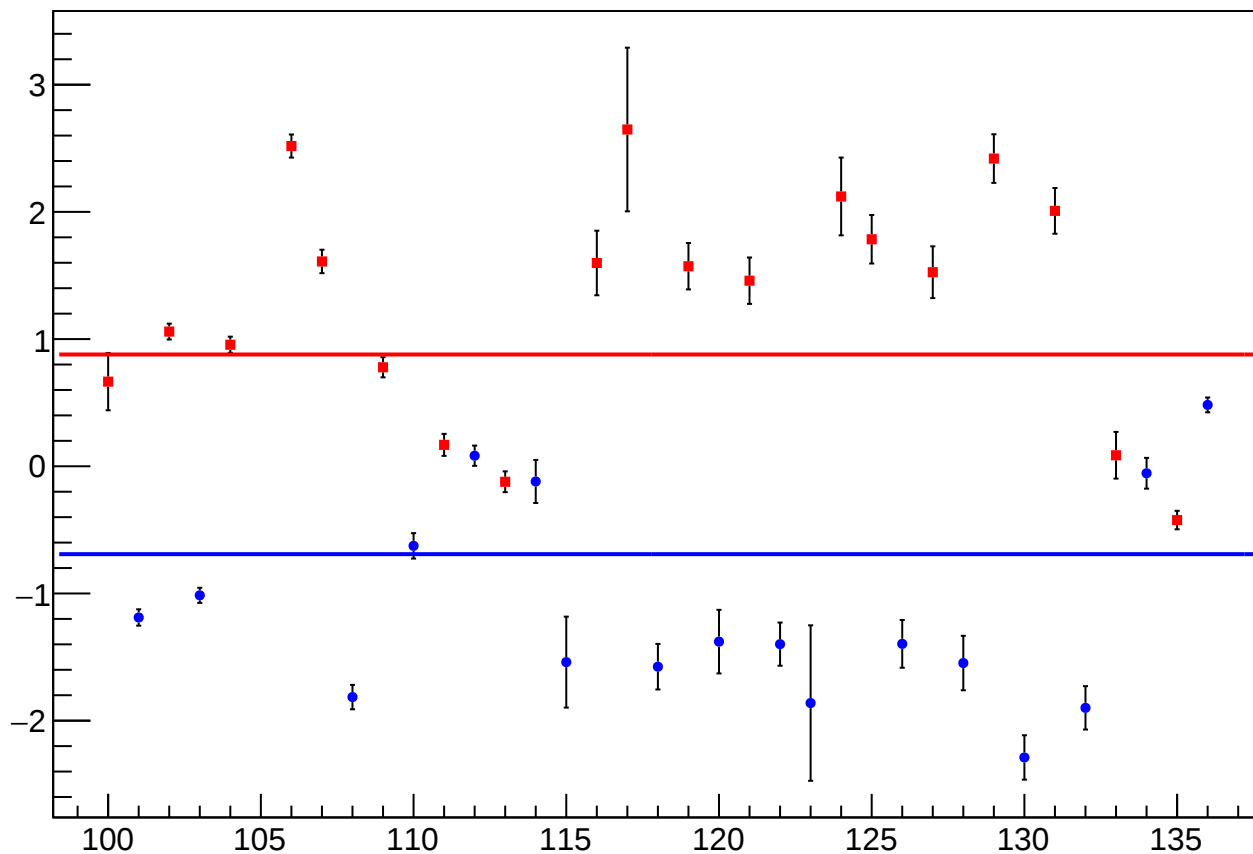
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

111.160+/-0.489 χ^2/NDF : 5877.6/16

3.349+/-0.347 χ^2/NDF : 110979.5/35

-106.506+/-0.494 χ^2/NDF : 6951.4/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.879+/-0.025 χ^2/NDF : 1151.4/18

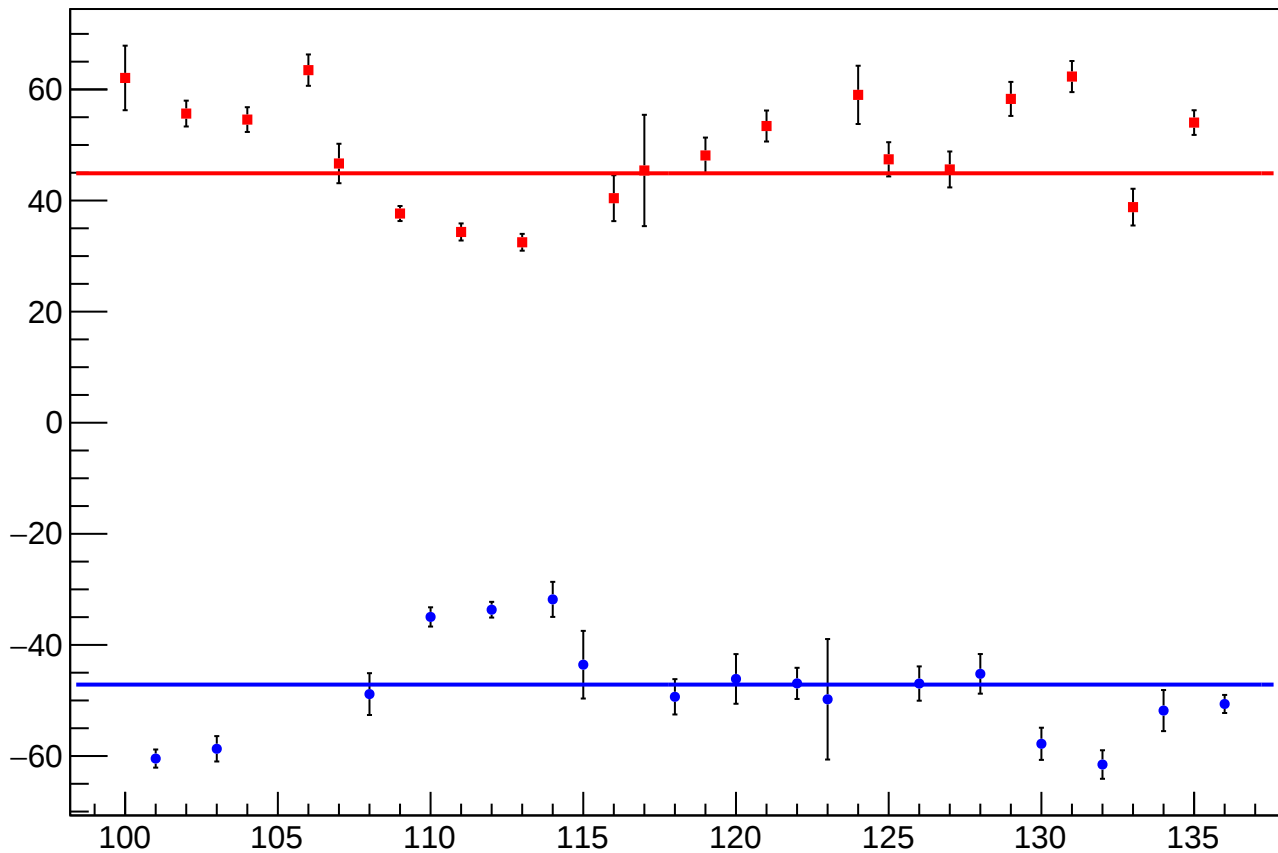
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.691+/-0.026 χ^2/NDF : 990.9/16

0.125+/-0.018 χ^2/NDF : 4064.5/35

0.879+/-0.025 χ^2/NDF : 1151.4/18

reg_asym_sam_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -47.143 ± 0.599 χ^2/NDF : 308.5/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 44.903 ± 0.569 χ^2/NDF : 333.2/18

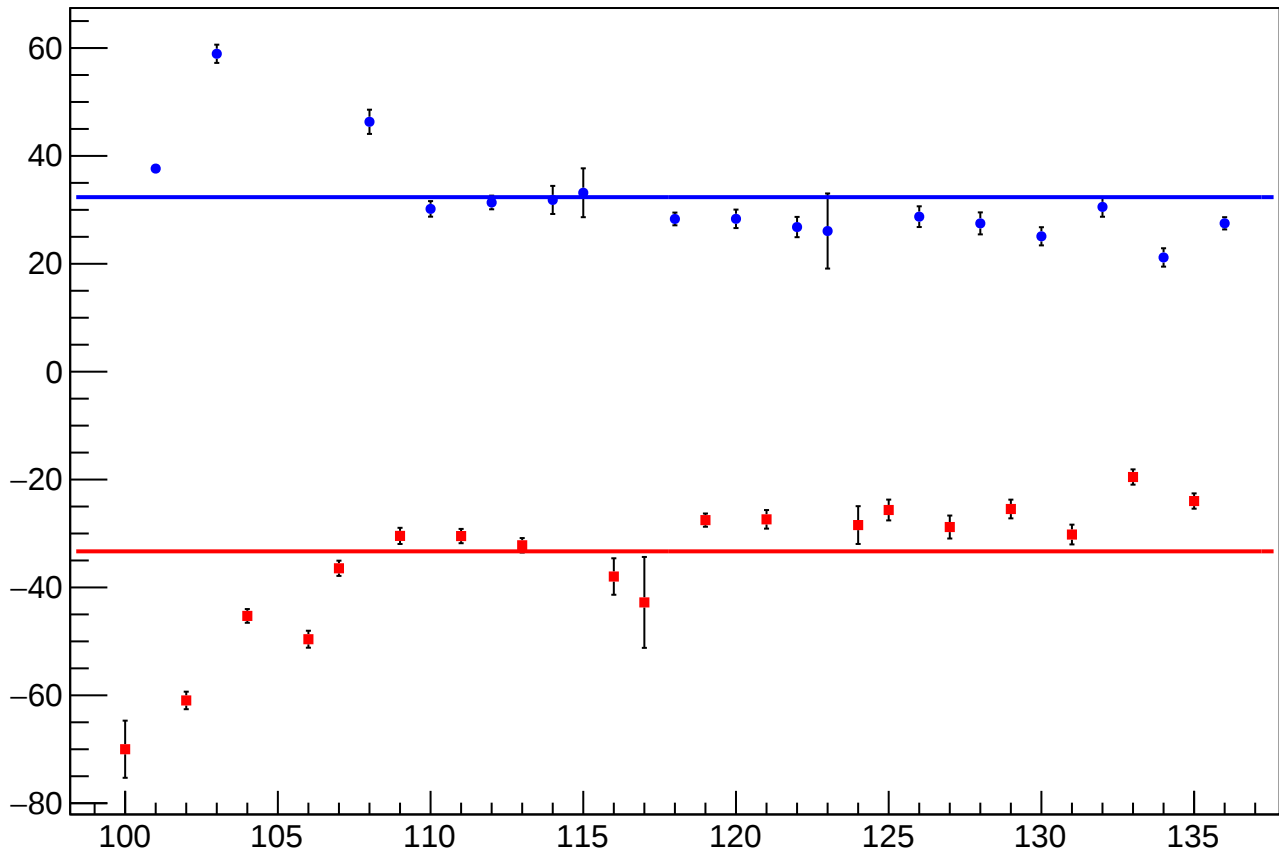
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-47.143 ± 0.599 χ^2/NDF : 308.5/16

1.219 ± 0.413 χ^2/NDF : 13047.0/35

44.903 ± 0.569 χ^2/NDF : 333.2/18

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.355 $\pm$ 0.375 χ^2 /NDF: 450.5/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -33.309 $\pm$ 0.383 χ^2 /NDF: 768.0/18

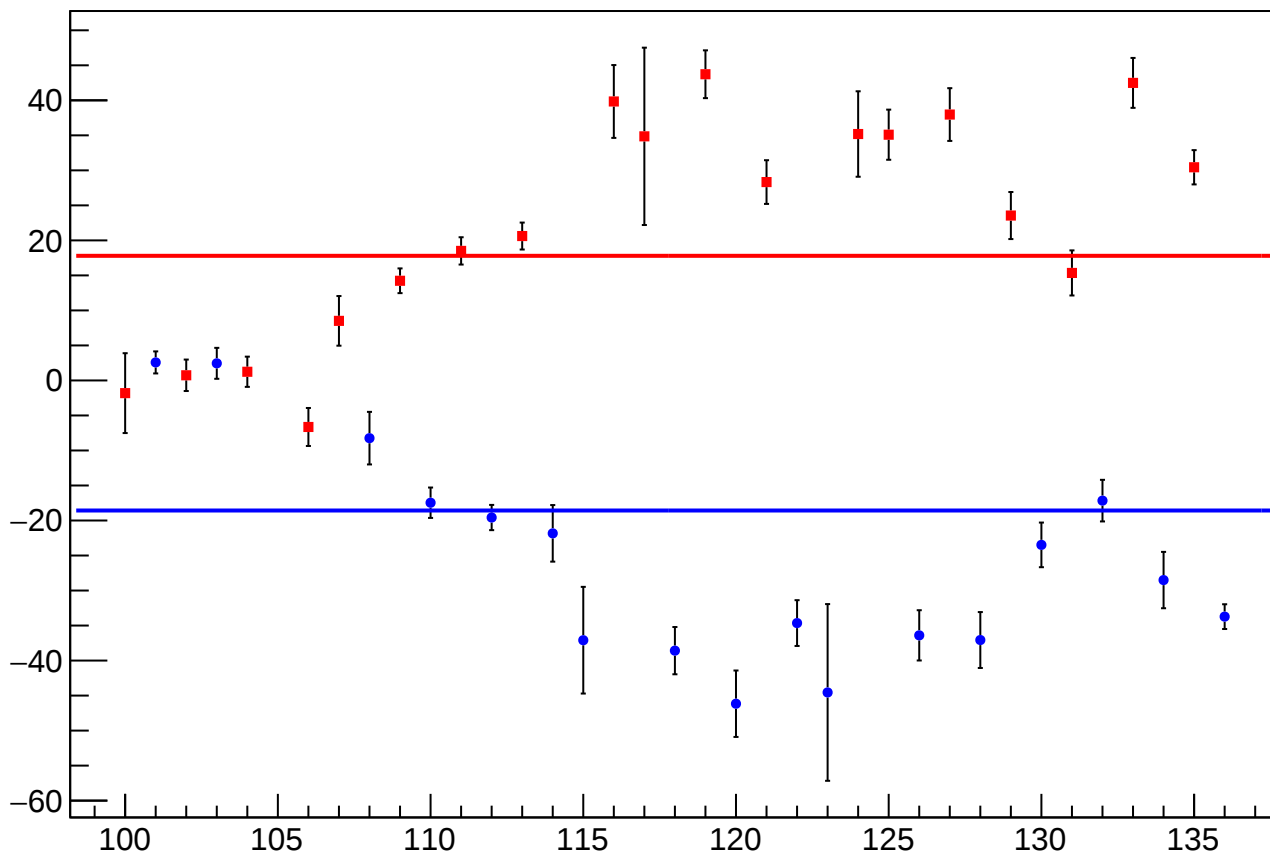
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

32.355 $\pm$ 0.375 χ^2 /NDF: 450.5/16

0.191 $\pm$ 0.268 χ^2 /NDF: 16201.4/35

-33.309 $\pm$ 0.383 χ^2 /NDF: 768.0/18

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: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 17.797 ± 0.652 χ^2/NDF : 450.0/18

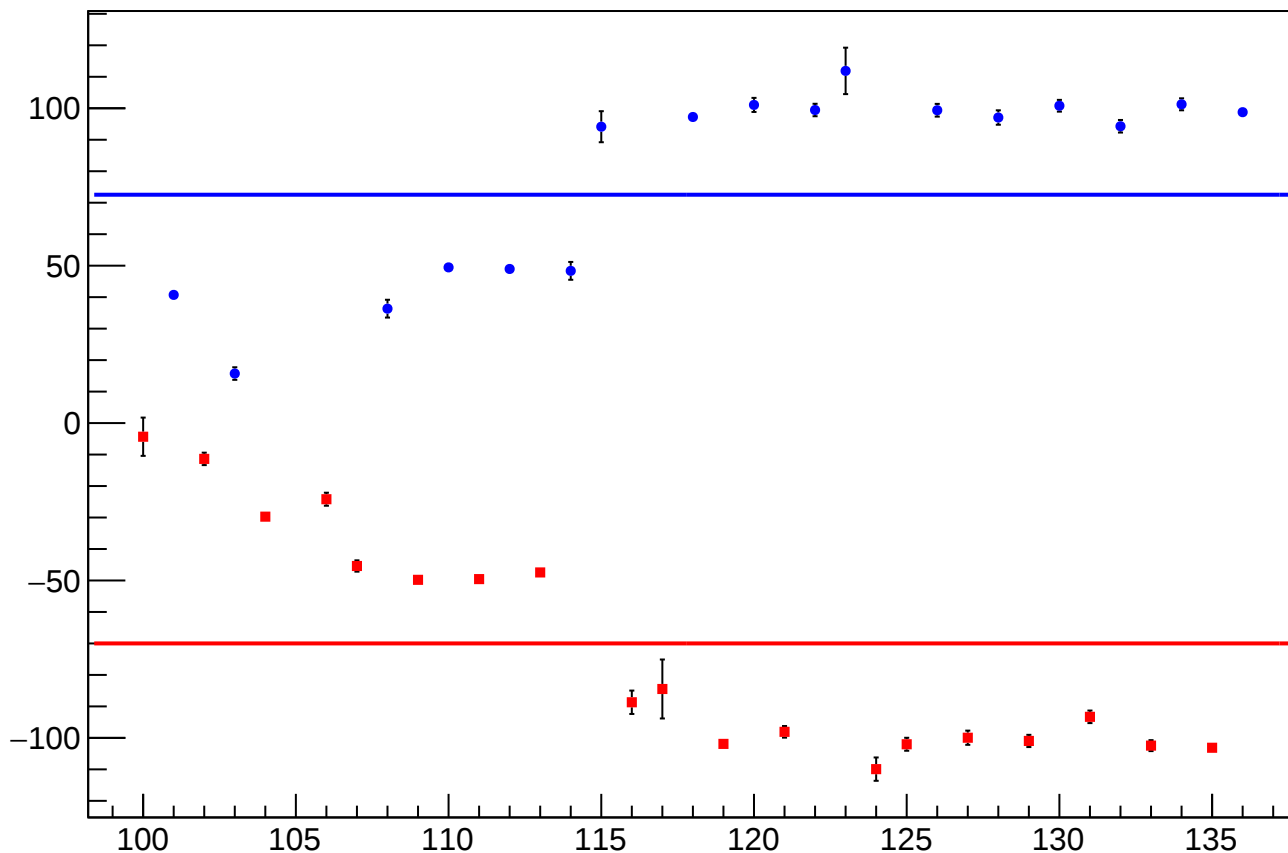
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-18.572 ± 0.667 χ^2/NDF : 511.5/16

0.035 ± 0.466 χ^2/NDF : 2480.3/35

17.797 ± 0.652 χ^2/NDF : 450.0/18

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.537+/-0.428 χ^2 /NDF: 4684.1/16

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -69.994+/-0.440 χ^2 /NDF: 5372.0/18

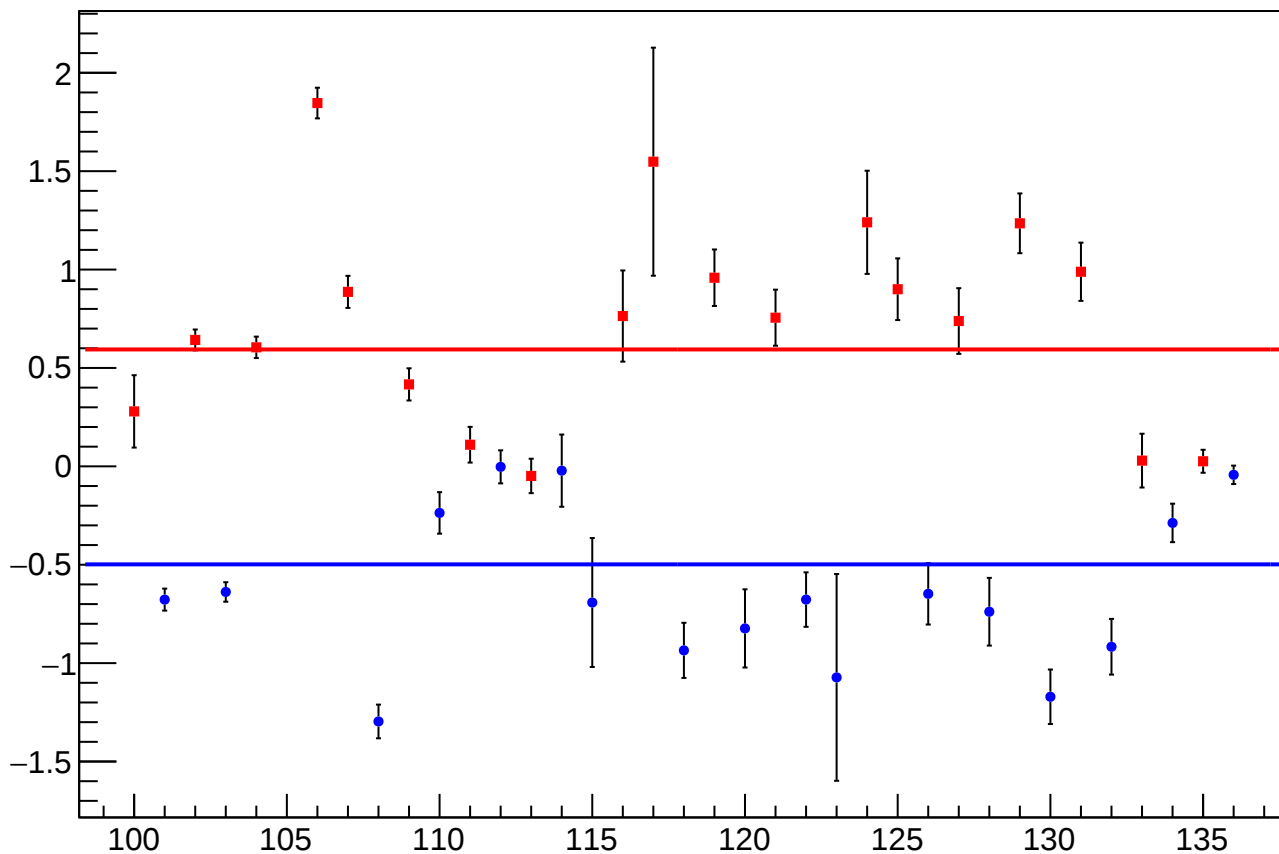
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

72.537+/-0.428 χ^2 /NDF: 4684.1/16

3.132+/-0.307 χ^2 /NDF: 63982.3/35

-69.994+/-0.440 χ^2 /NDF: 5372.0/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.594+/-0.022 χ^2/NDF : 520.6/18

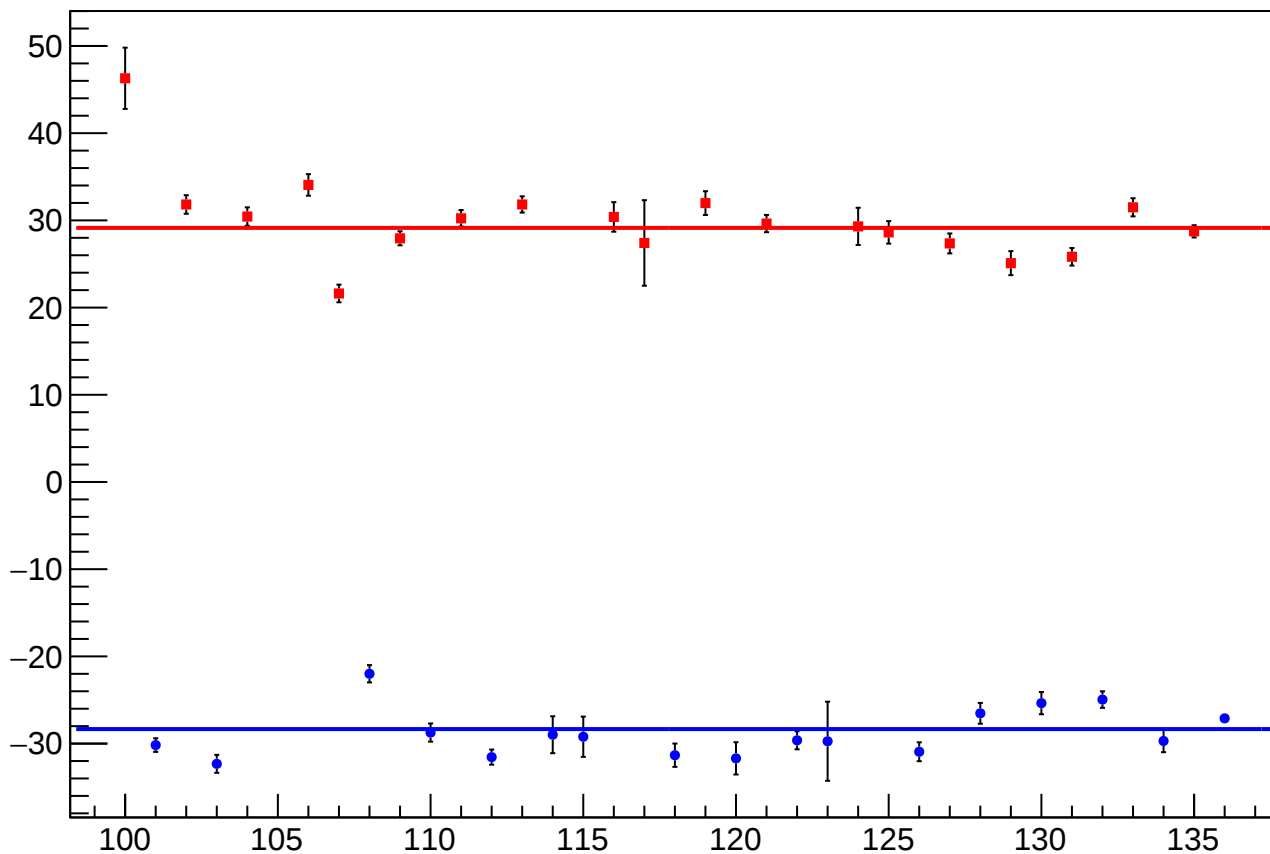
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.498+/-0.022 χ^2/NDF : 302.8/16

0.059+/-0.016 χ^2/NDF : 2042.7/35

0.594+/-0.022 χ^2/NDF : 520.6/18

reg_asym_sam_13_57_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -28.336 ± 0.247 χ^2/NDF : 119.3/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 29.140 ± 0.256 χ^2/NDF : 147.6/18

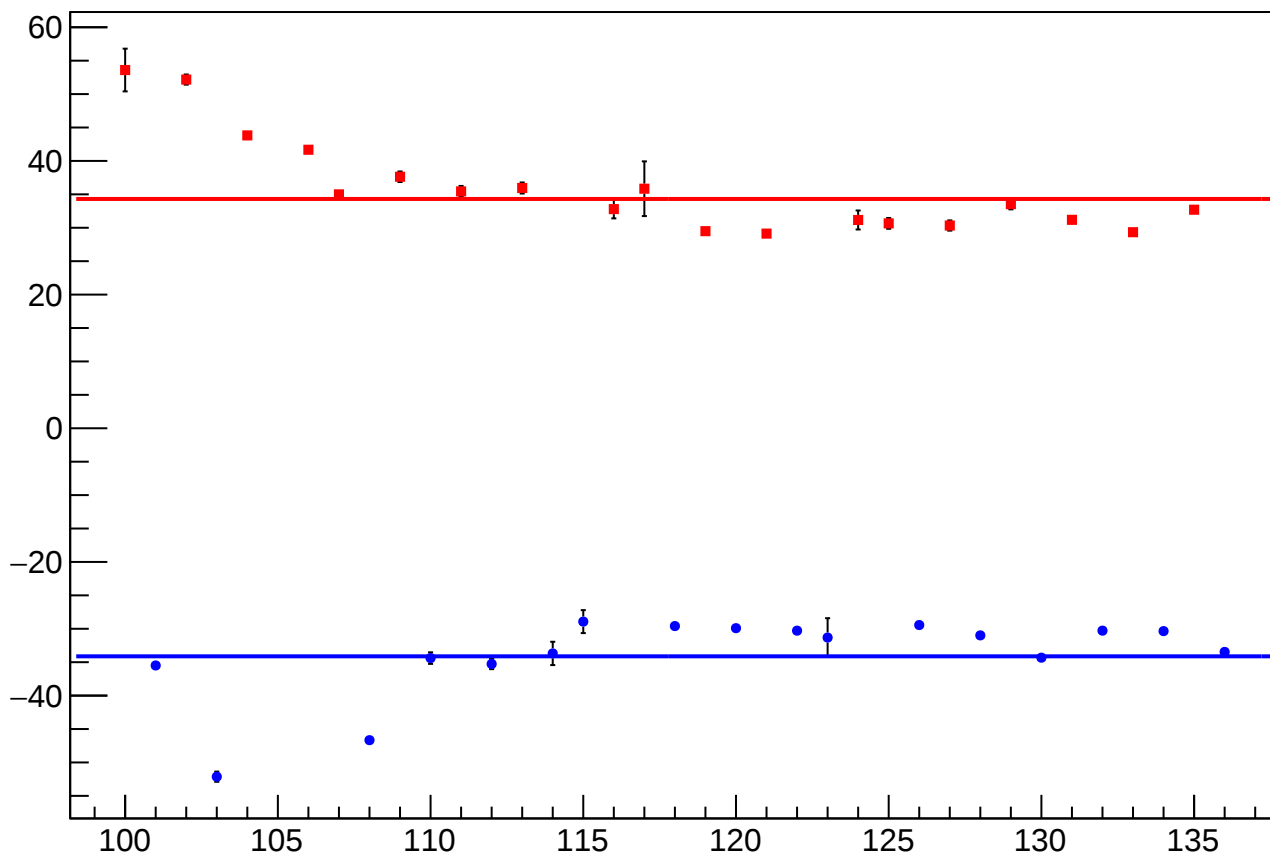
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-28.336 ± 0.247 χ^2/NDF : 119.3/16

-0.544 ± 0.178 χ^2/NDF : 26372.9/35

29.140 ± 0.256 χ^2/NDF : 147.6/18

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.122±/0.152 χ^2/NDF : 1322.4/16

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: 34.310±/0.155 χ^2/NDF : 1353.2/18

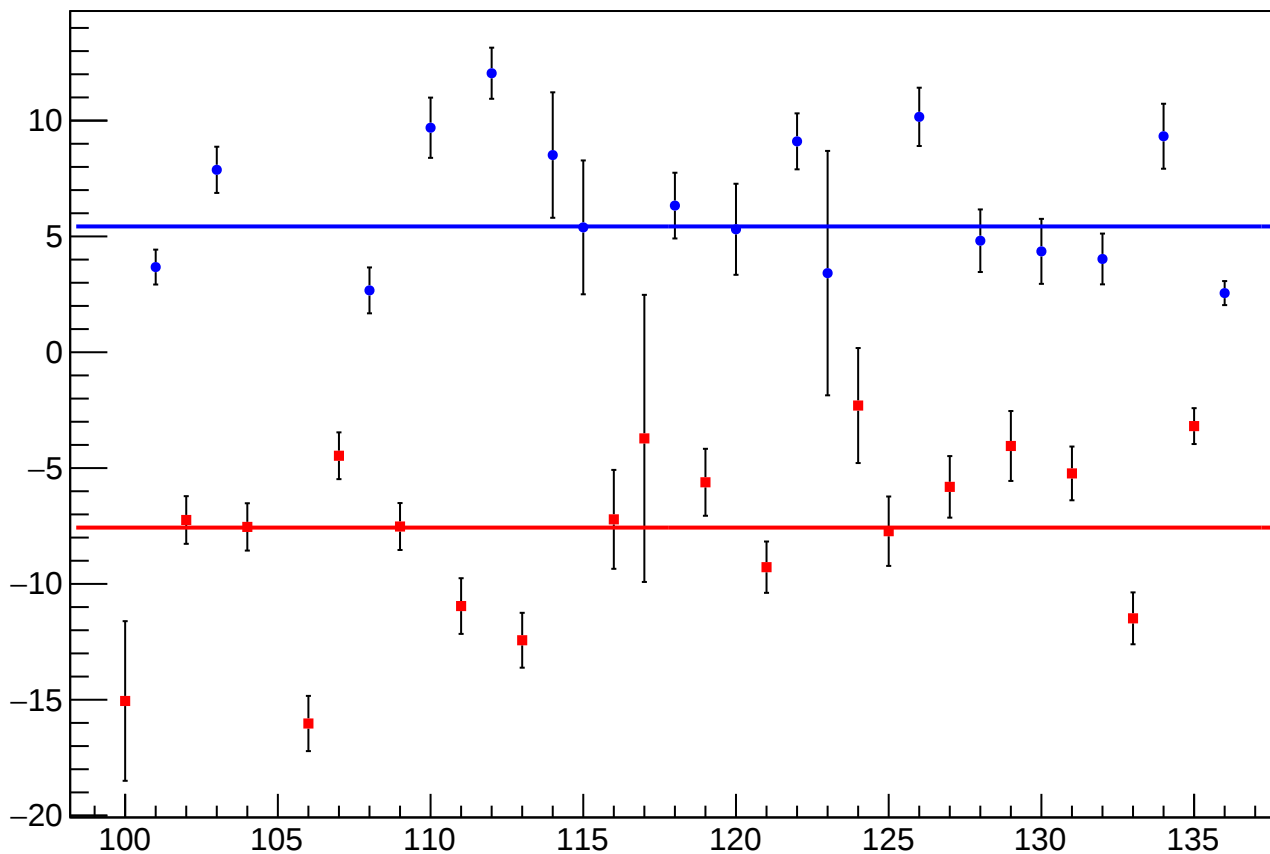
Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

-34.122±/0.152 χ^2/NDF : 1322.4/16

-0.558±/0.108 χ^2/NDF : 102361.3/35

34.310±/0.155 χ^2/NDF : 1353.2/18

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.431+/-0.270 χ^2/NDF : 132.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.569+/-0.284 χ^2/NDF : 154.1/18

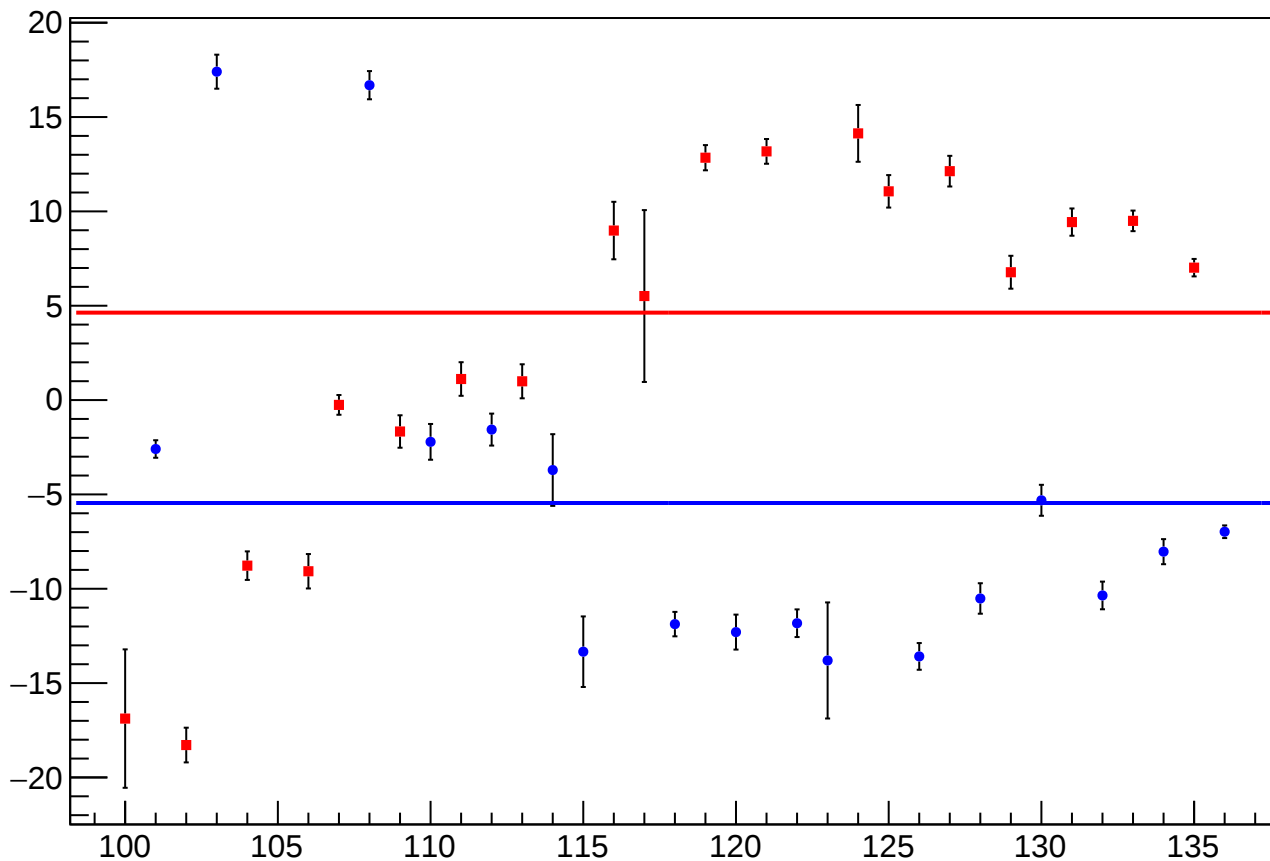
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.431+/-0.270 χ^2/NDF : 132.0/16

-0.754+/-0.196 χ^2/NDF : 1385.7/35

-7.569+/-0.284 χ^2/NDF : 154.1/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.634+/-0.179 χ^2/NDF : 2034.2/18

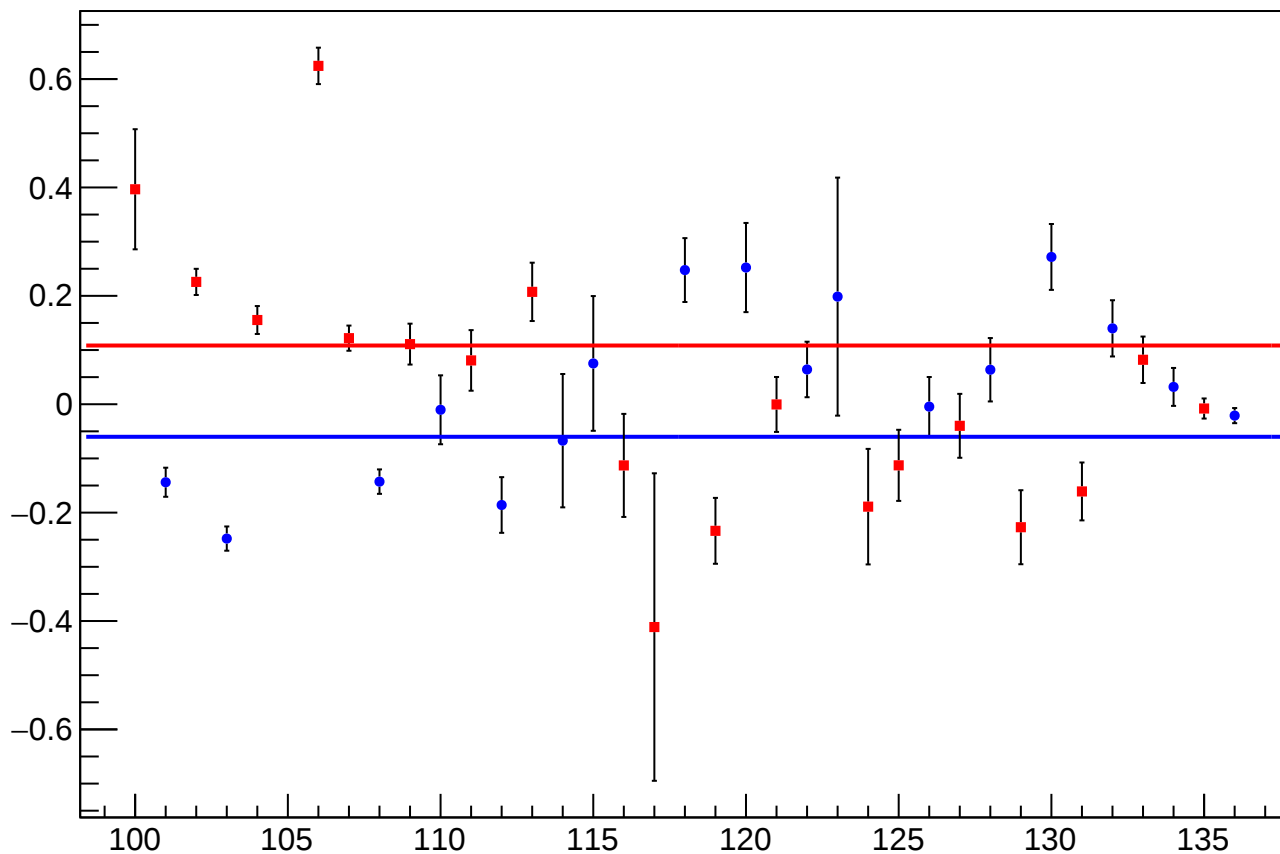
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.455+/-0.171 χ^2/NDF : 2096.5/16

-0.638+/-0.123 χ^2/NDF : 5795.9/35

4.634+/-0.179 χ^2/NDF : 2034.2/18

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.060 $\pm$ 0.008 χ^2 /NDF: 215.5/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.108 $\pm$ 0.009 χ^2 /NDF: 433.1/18

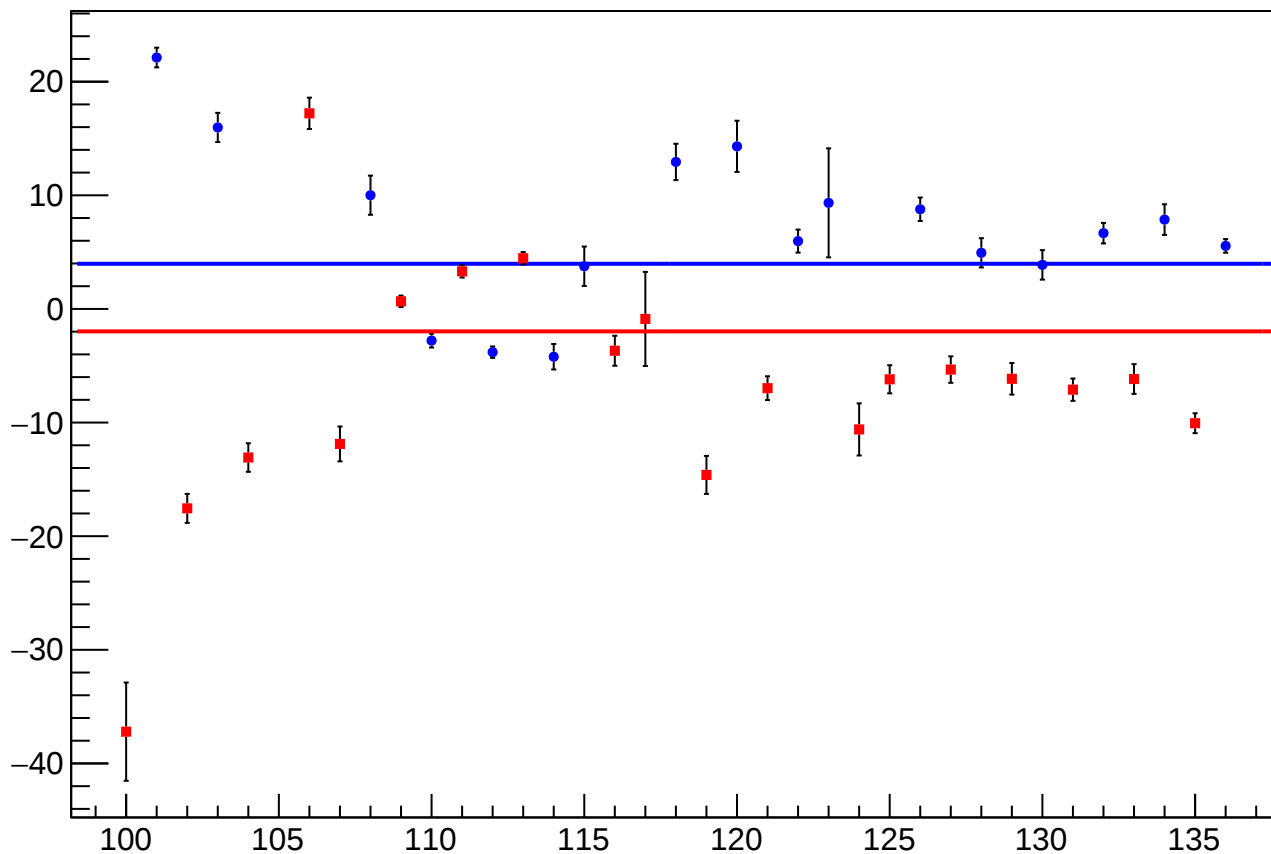
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.060 $\pm$ 0.008 χ^2 /NDF: 215.5/16

0.020 $\pm$ 0.006 χ^2 /NDF: 839.4/35

0.108 $\pm$ 0.009 χ^2 /NDF: 433.1/18

reg_asym_sam_15_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 3.974 $\pm$ 0.233 χ^2/NDF : 1061.1/16

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -1.975 $\pm$ 0.225 χ^2/NDF : 1038.5/18

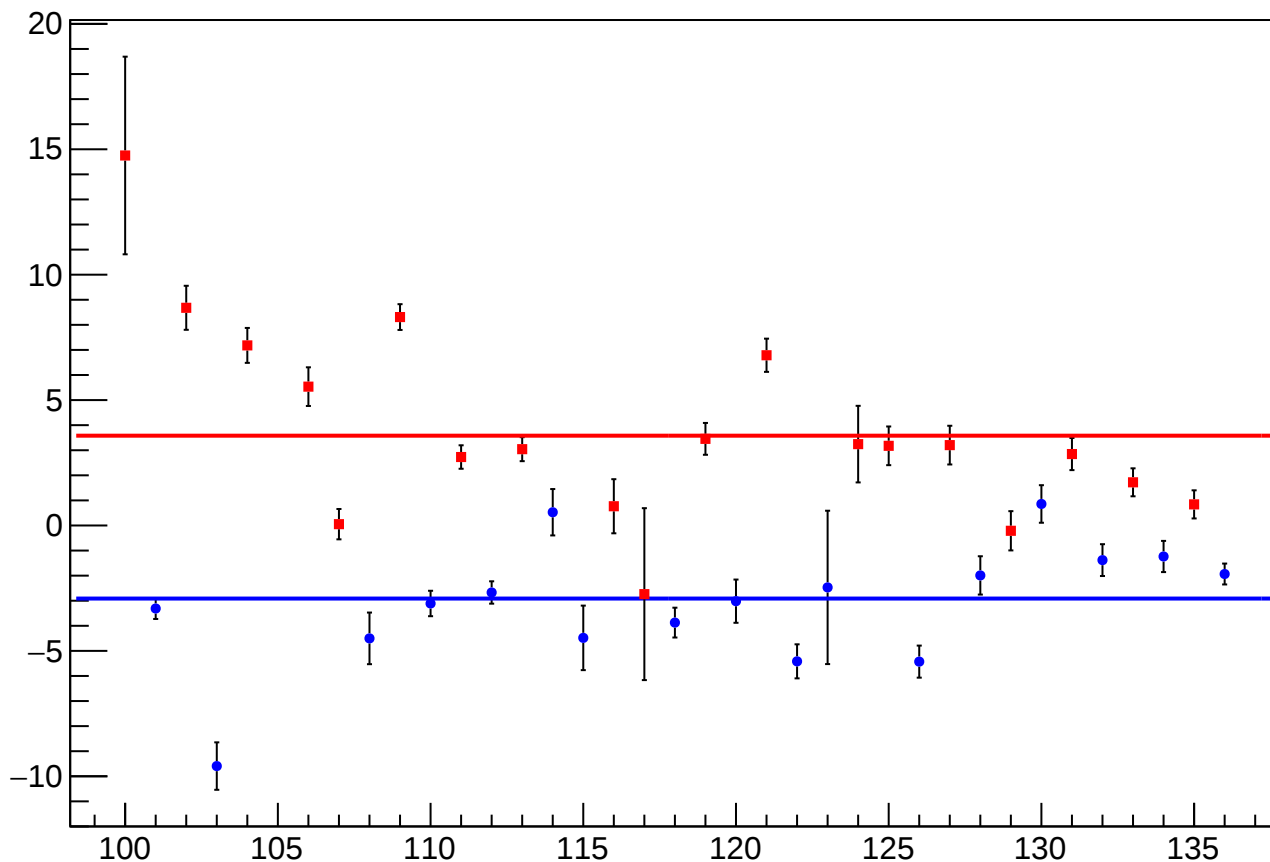
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

3.974 $\pm$ 0.233 χ^2/NDF : 1061.1/16

0.889 $\pm$ 0.162 χ^2/NDF : 2437.6/35

-1.975 $\pm$ 0.225 χ^2/NDF : 1038.5/18

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: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 3.581 ± 0.157 χ^2/NDF : 292.2/18

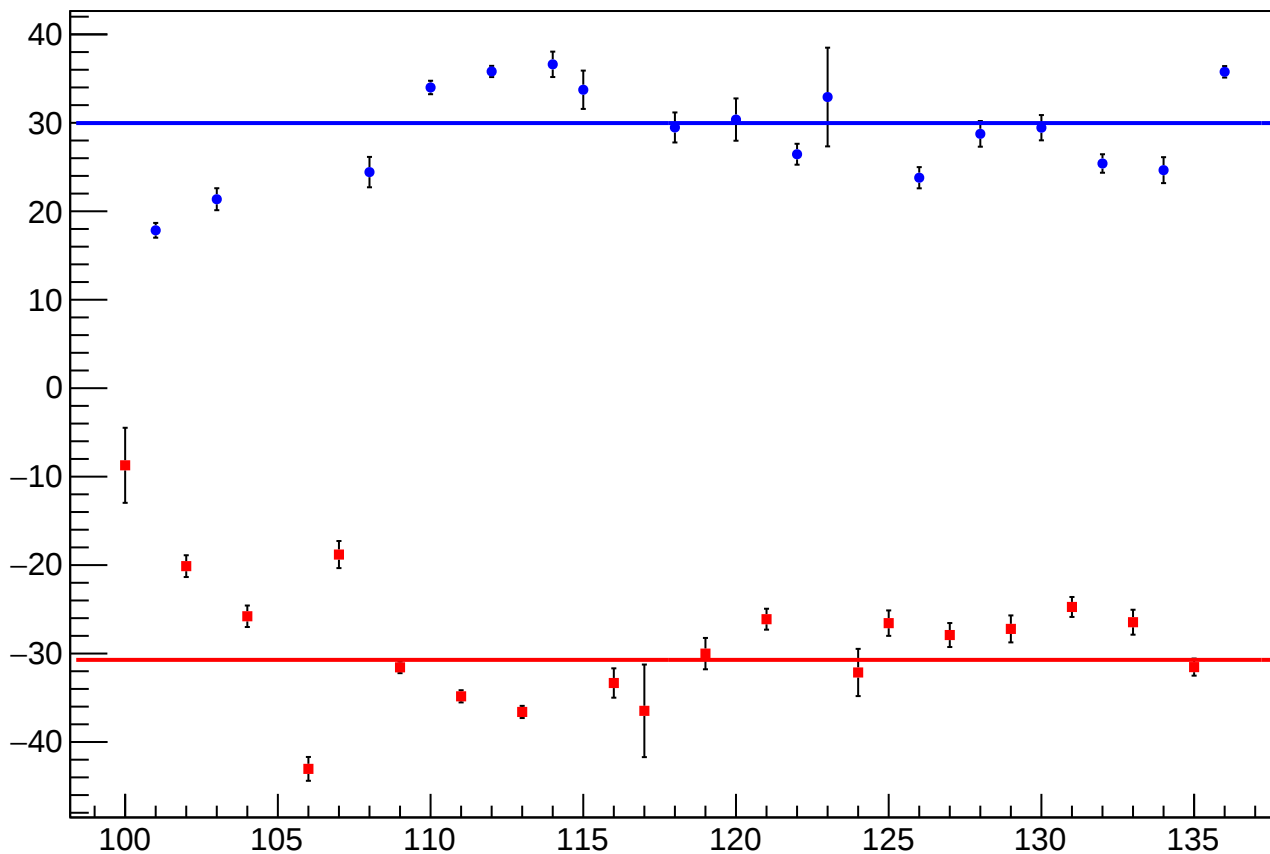
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2.914 ± 0.155 χ^2/NDF : 146.1/16

0.286 ± 0.110 χ^2/NDF : 1305.4/35

3.581 ± 0.157 χ^2/NDF : 292.2/18

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.972 ± 0.267 $\chi^2/\text{NDF}: 554.3/16$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -30.715 ± 0.265 $\chi^2/\text{NDF}: 446.9/18$

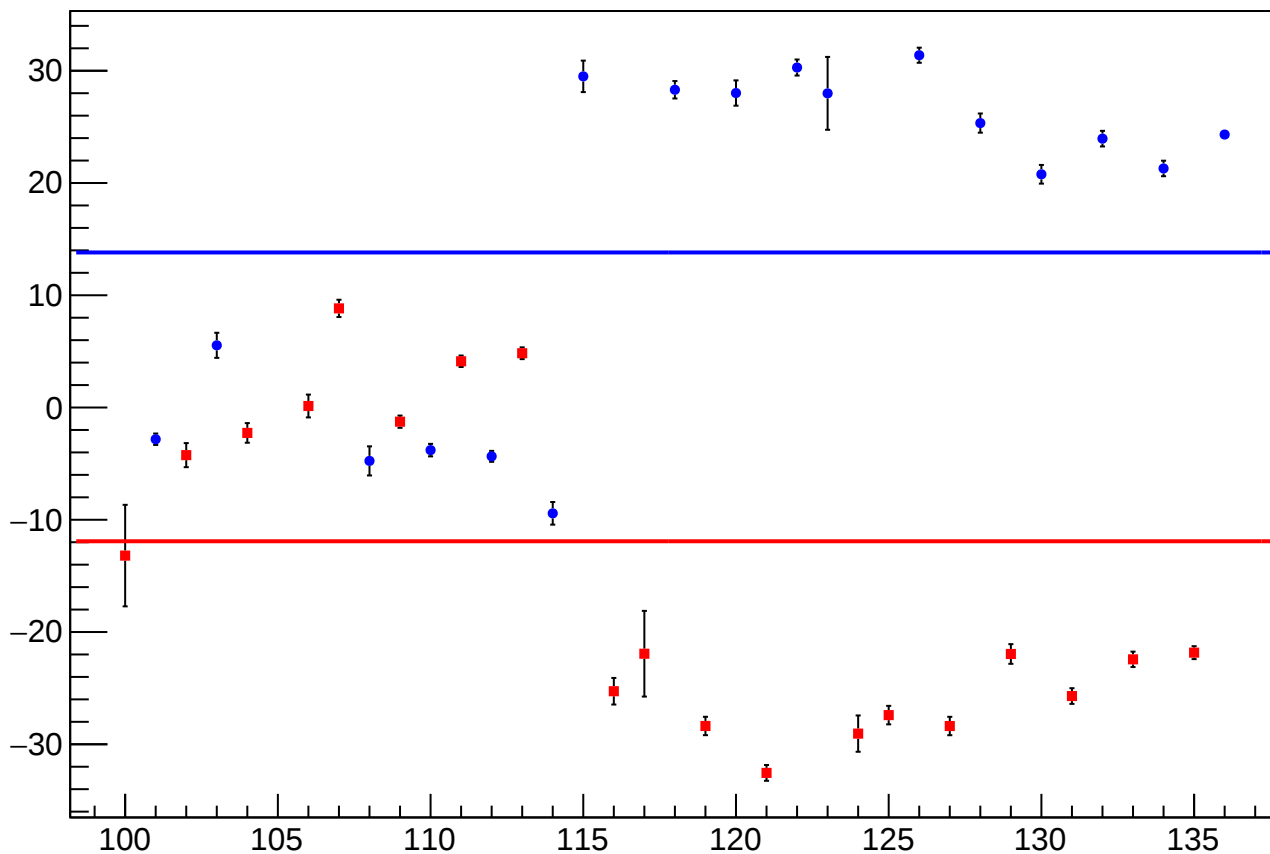
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

29.972 ± 0.267 $\chi^2/\text{NDF}: 554.3/16$

-0.656 ± 0.188 $\chi^2/\text{NDF}: 27021.6/35$

-30.715 ± 0.265 $\chi^2/\text{NDF}: 446.9/18$

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: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -11.914+/-0.177 χ^2 /NDF: 6746.0/18

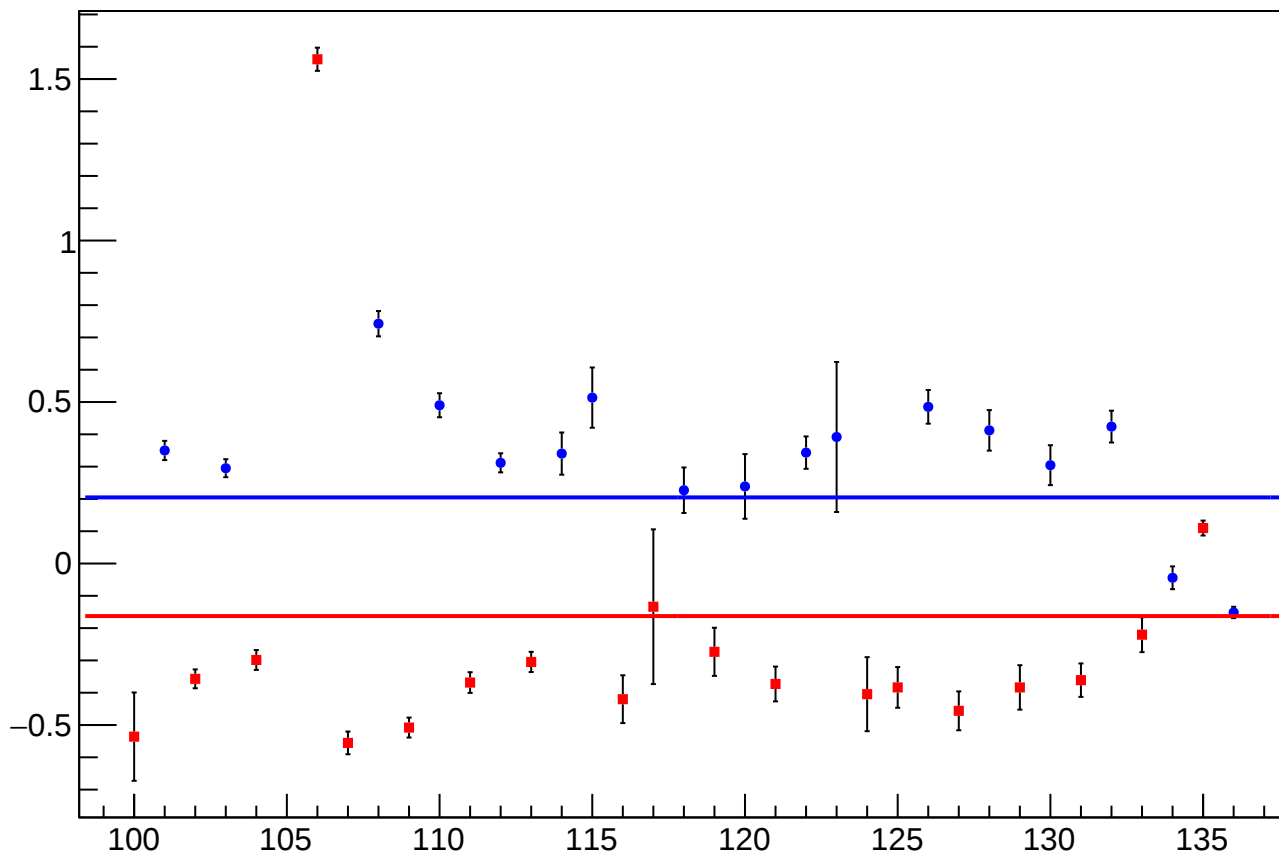
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

13.813+/-0.173 χ^2 /NDF: 7318.6/16

1.284+/-0.124 χ^2 /NDF: 24875.6/35

-11.914+/-0.177 χ^2 /NDF: 6746.0/18

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: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.163 $\pm$ 0.010 χ^2 /NDF: 2924.7/18

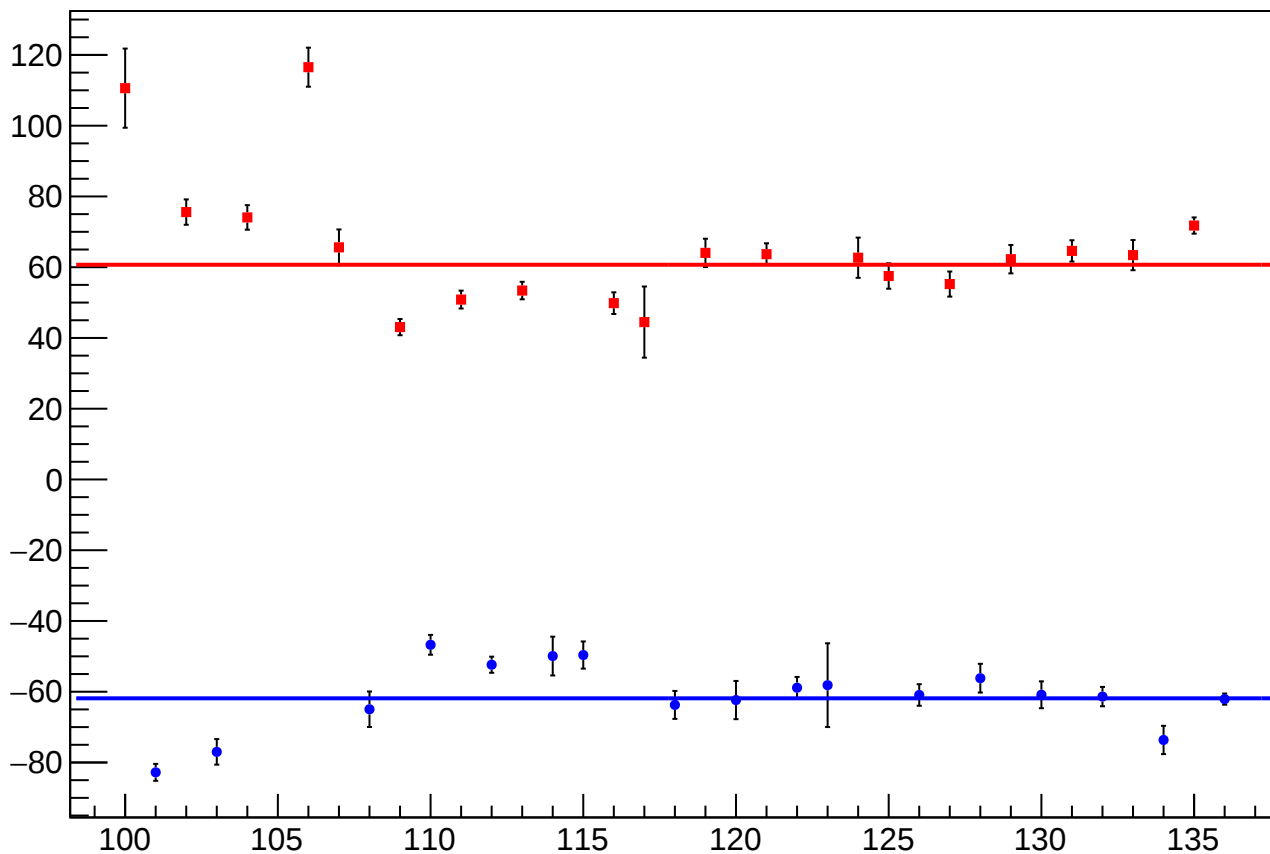
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.205 $\pm$ 0.009 χ^2 /NDF: 845.8/16

0.024 $\pm$ 0.007 χ^2 /NDF: 4526.8/35

-0.163 $\pm$ 0.010 χ^2 /NDF: 2924.7/18

reg_asym_sam_24_68_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -61.865 ± 0.753 χ^2/NDF : 168.1/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 60.693 ± 0.781 χ^2/NDF : 283.7/18

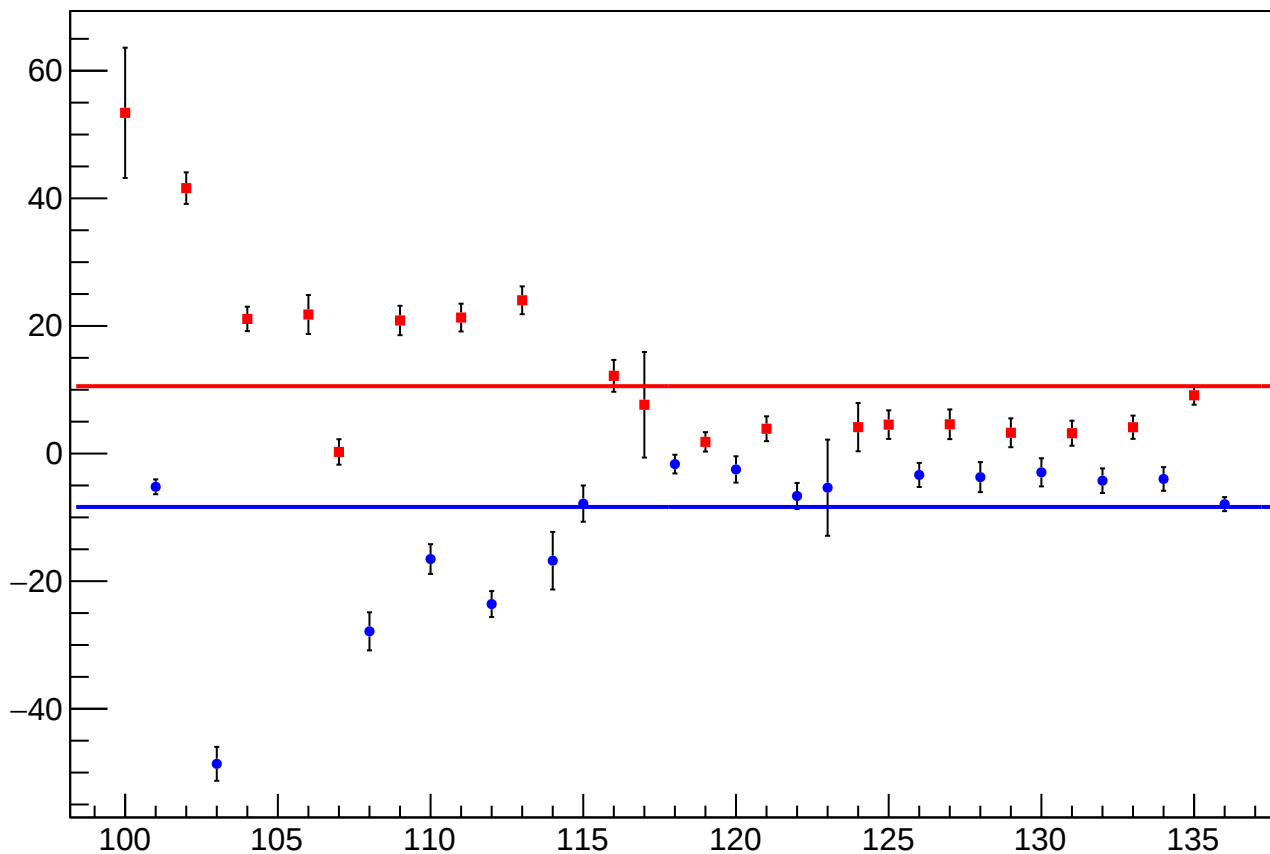
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-61.865 ± 0.753 χ^2/NDF : 168.1/16

-2.776 ± 0.542 χ^2/NDF : 13212.5/35

60.693 ± 0.781 χ^2/NDF : 283.7/18

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: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 10.562+/-0.502 χ^2 /NDF: 428.2/18

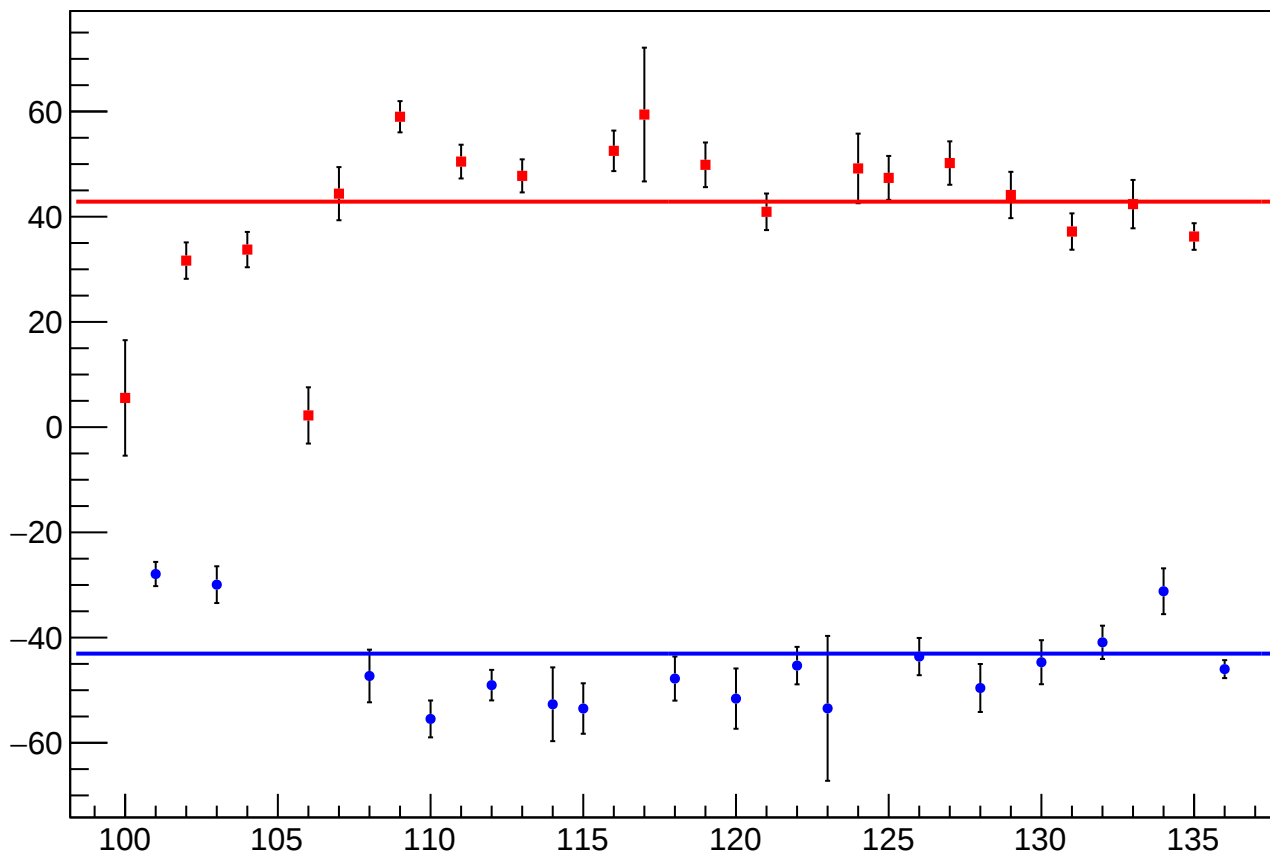
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-8.367+/-0.466 χ^2 /NDF: 408.8/16

0.386+/-0.342 χ^2 /NDF: 1600.0/35

10.562+/-0.502 χ^2 /NDF: 428.2/18

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: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 42.862 ± 0.892 $\chi^2/\text{NDF}: 150.8/18$

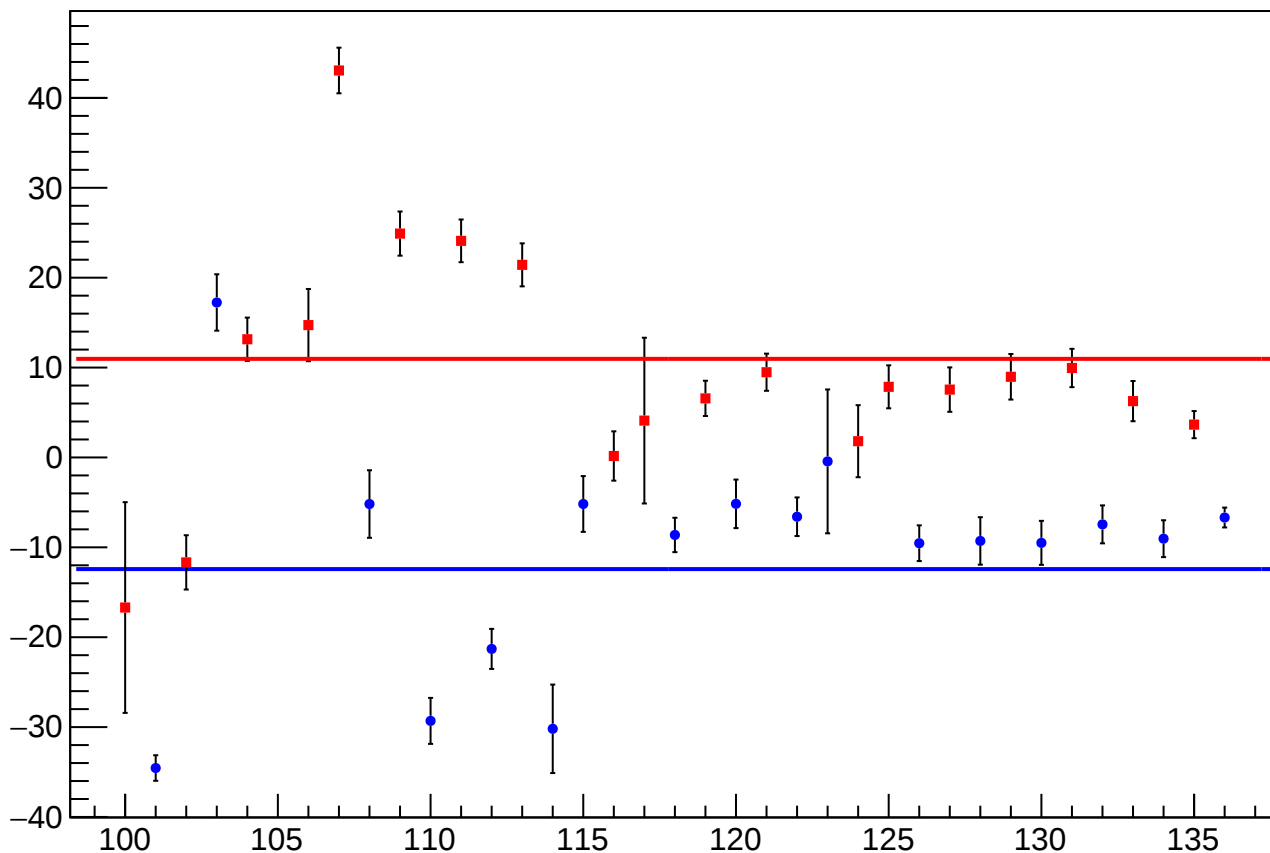
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-43.047 ± 0.837 $\chi^2/\text{NDF}: 99.0/16$

-2.811 ± 0.610 $\chi^2/\text{NDF}: 5180.9/35$

42.862 ± 0.892 $\chi^2/\text{NDF}: 150.8/18$

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.969 $\pm$ 0.570 χ^2 /NDF: 364.2/18

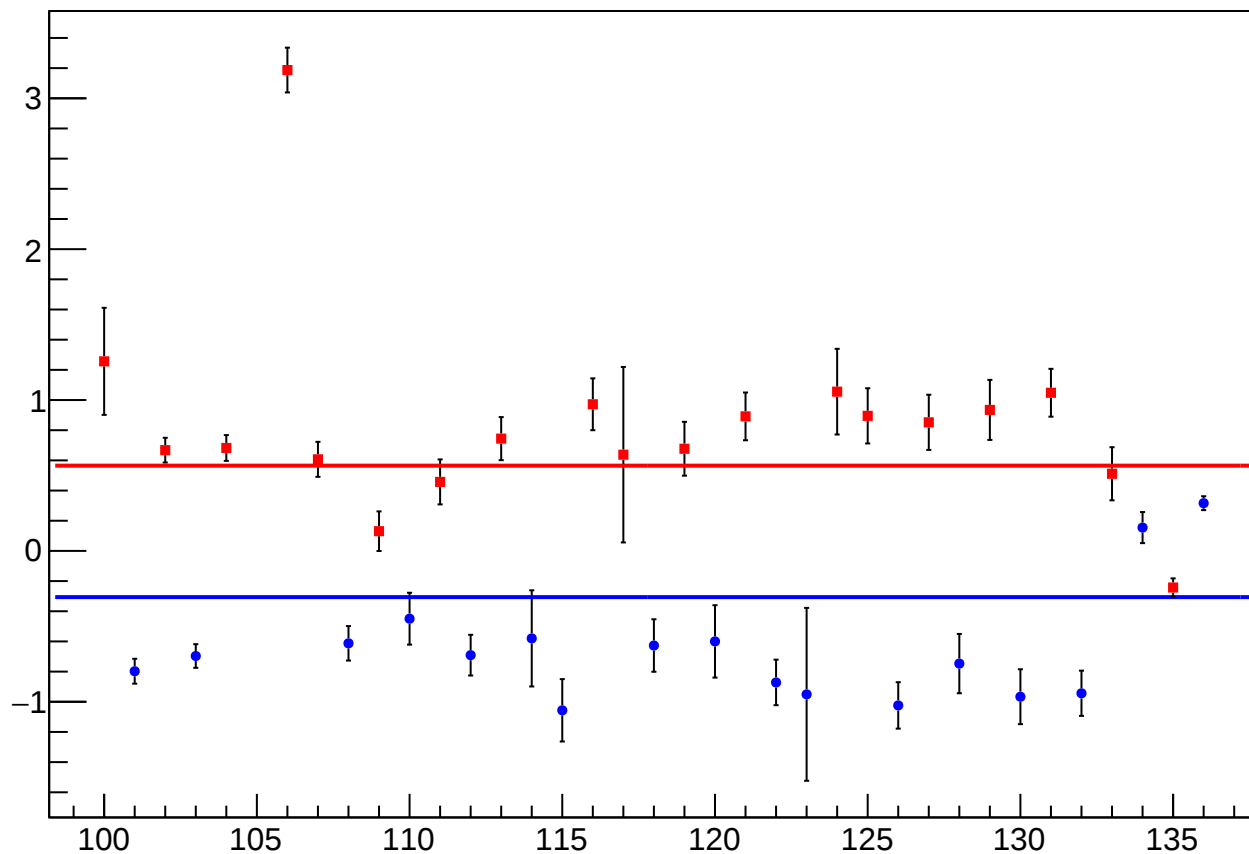
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-12.421 $\pm$ 0.523 χ^2 /NDF: 474.4/16

-1.730 $\pm$ 0.385 χ^2 /NDF: 1752.7/35

10.969 $\pm$ 0.570 χ^2 /NDF: 364.2/18

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: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.565 ± 0.030 χ^2/NDF : 542.3/18

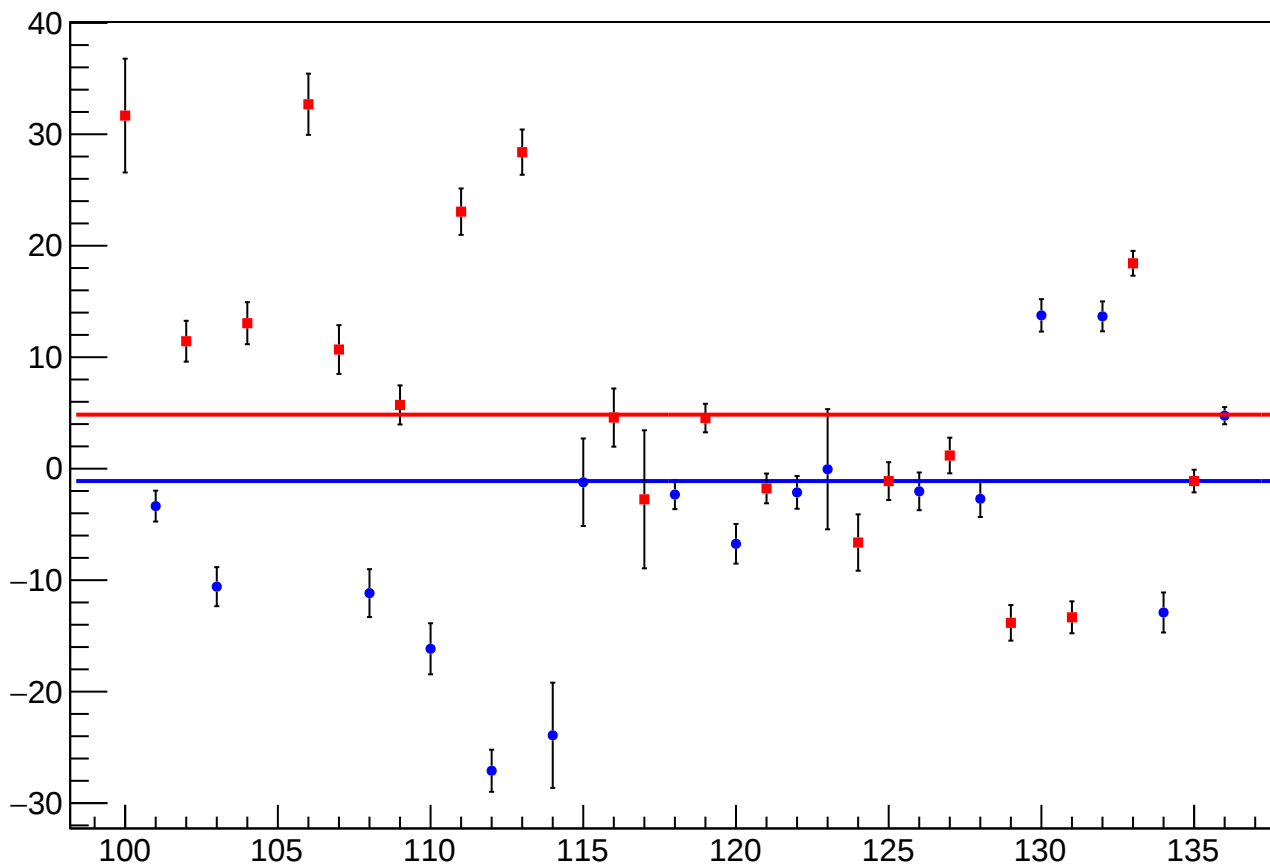
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.306 ± 0.028 χ^2/NDF : 371.7/16

0.094 ± 0.020 χ^2/NDF : 1372.5/35

0.565 ± 0.030 χ^2/NDF : 542.3/18

reg_asym_sam_26_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -1.109+/-0.384 χ^2 /NDF: 649.8/16

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 4.847+/-0.388 χ^2 /NDF: 926.1/18

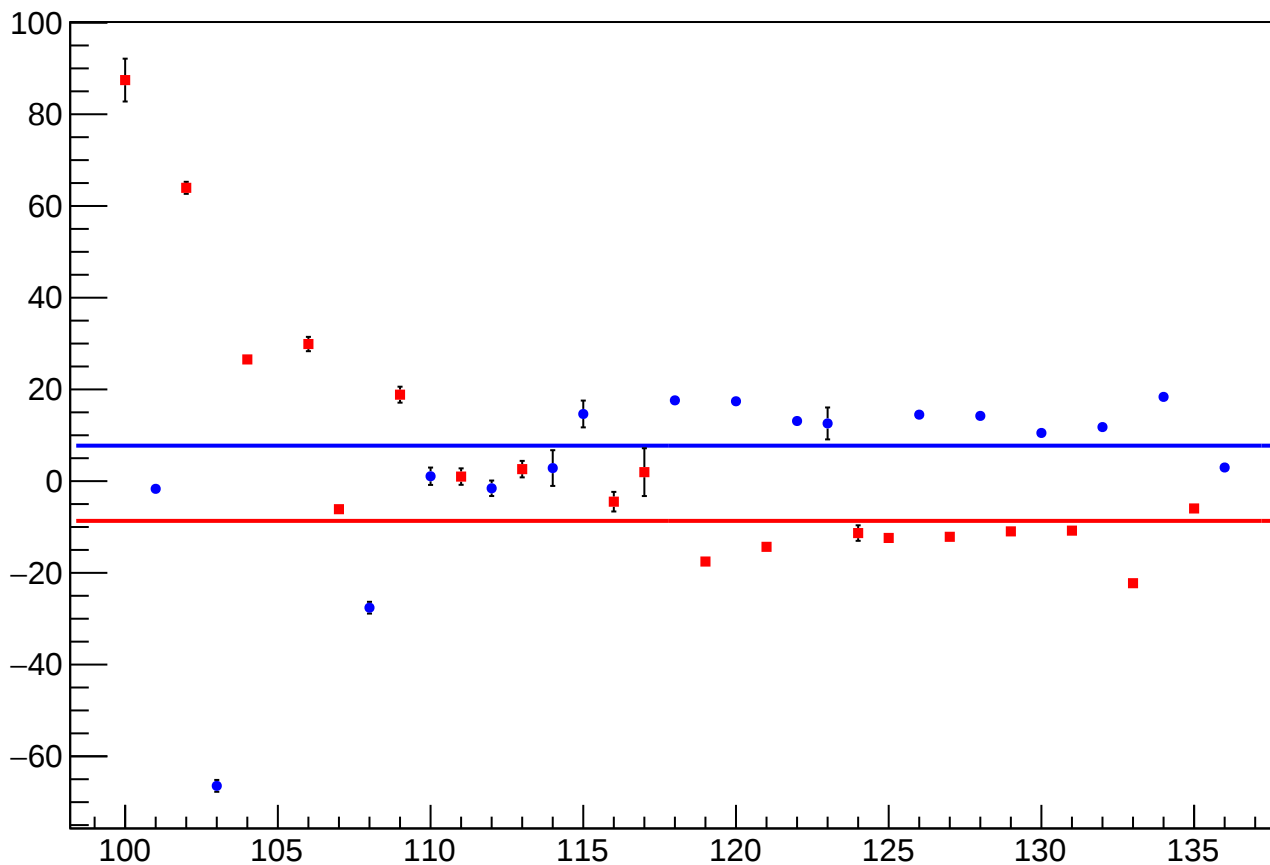
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.109+/-0.384 χ^2 /NDF: 649.8/16

1.838+/-0.273 χ^2 /NDF: 1695.2/35

4.847+/-0.388 χ^2 /NDF: 926.1/18

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.666 $\pm$ 0.217 χ^2 /NDF: 6705.2/18

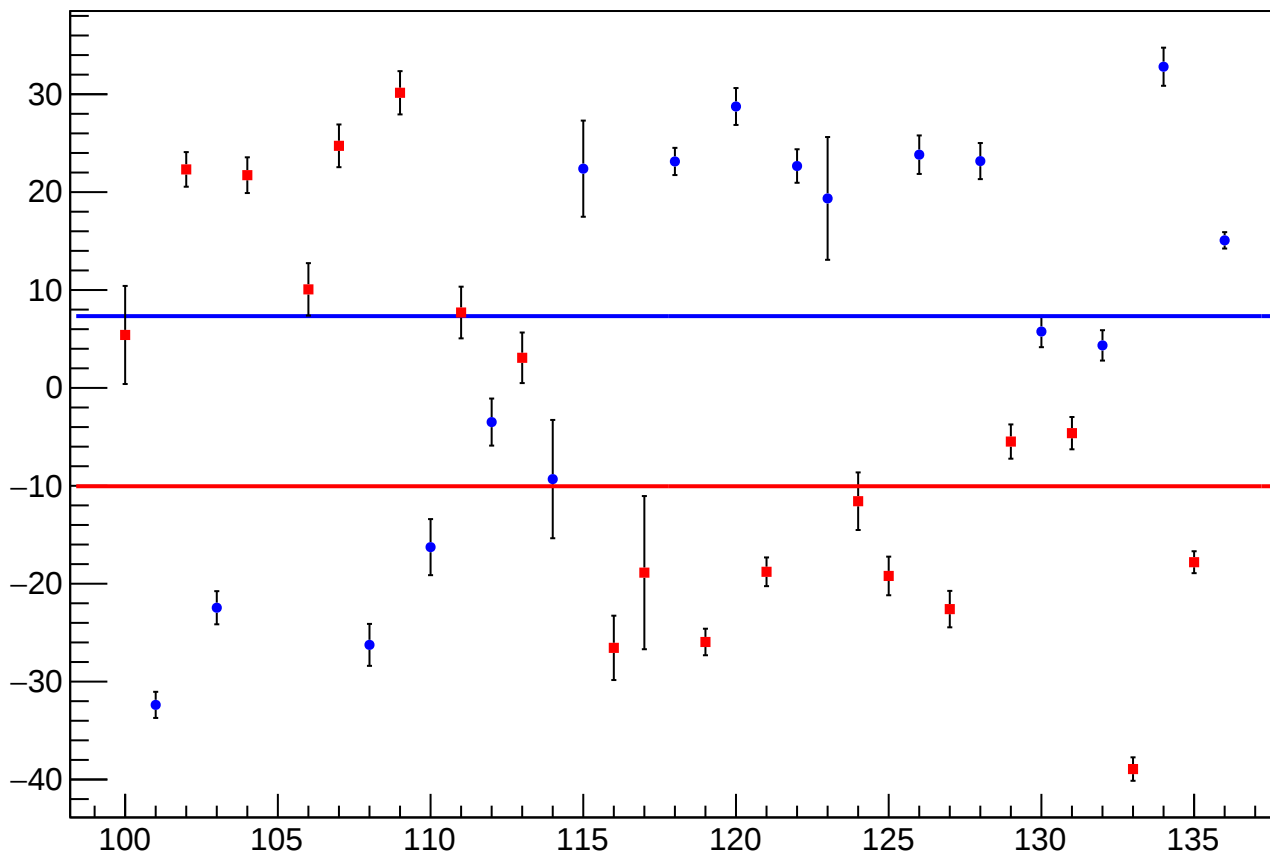
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7.737 $\pm$ 0.218 χ^2 /NDF: 5300.6/16

-0.515 $\pm$ 0.154 χ^2 /NDF: 14852.1/35

-8.666 $\pm$ 0.217 χ^2 /NDF: 6705.2/18

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.333+/-0.419 χ^2/NDF : 2293.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.044+/-0.427 χ^2/NDF : 2273.3/18

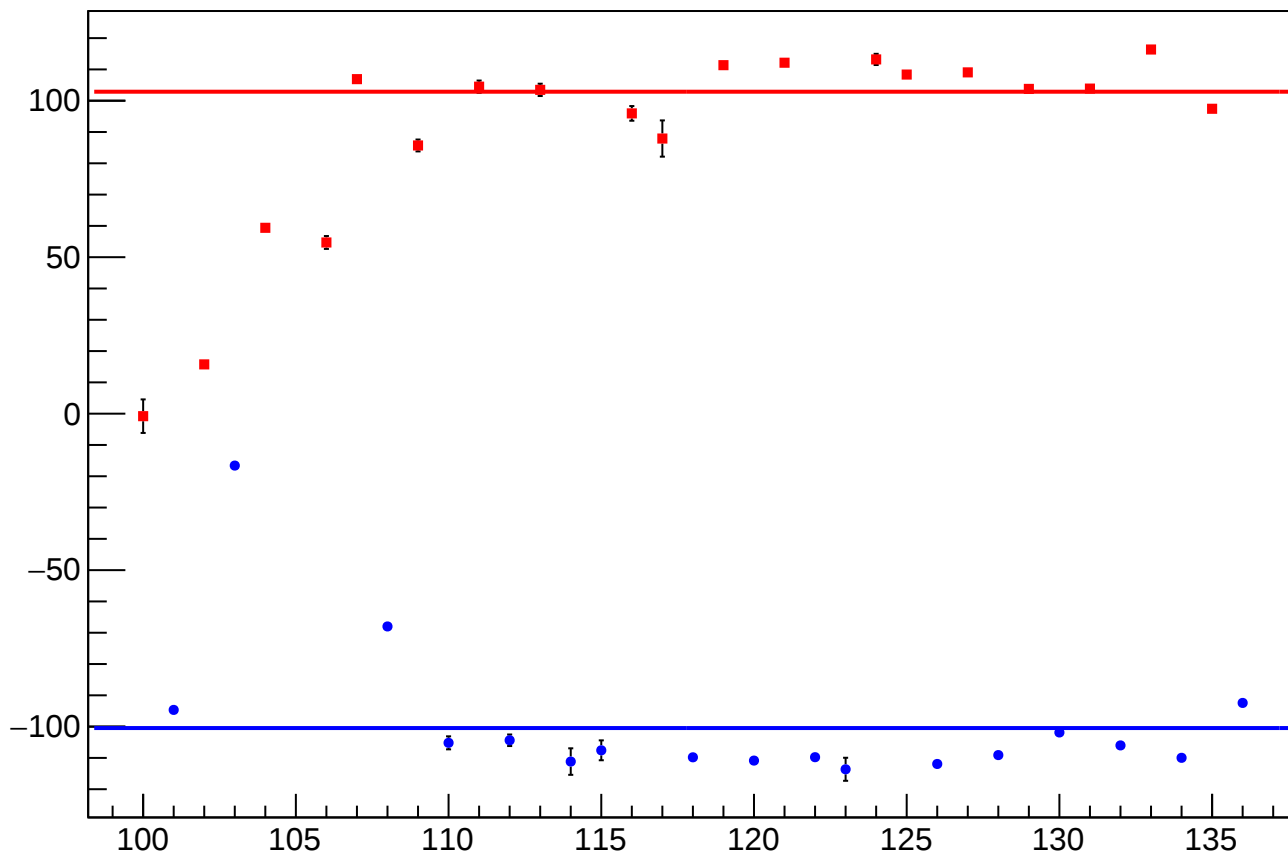
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7.333+/-0.419 χ^2/NDF : 2293.1/16

-1.174+/-0.299 χ^2/NDF : 5410.2/35

-10.044+/-0.427 χ^2/NDF : 2273.3/18

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: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 102.878 ± 0.252 χ^2/NDF : 6019.9/18

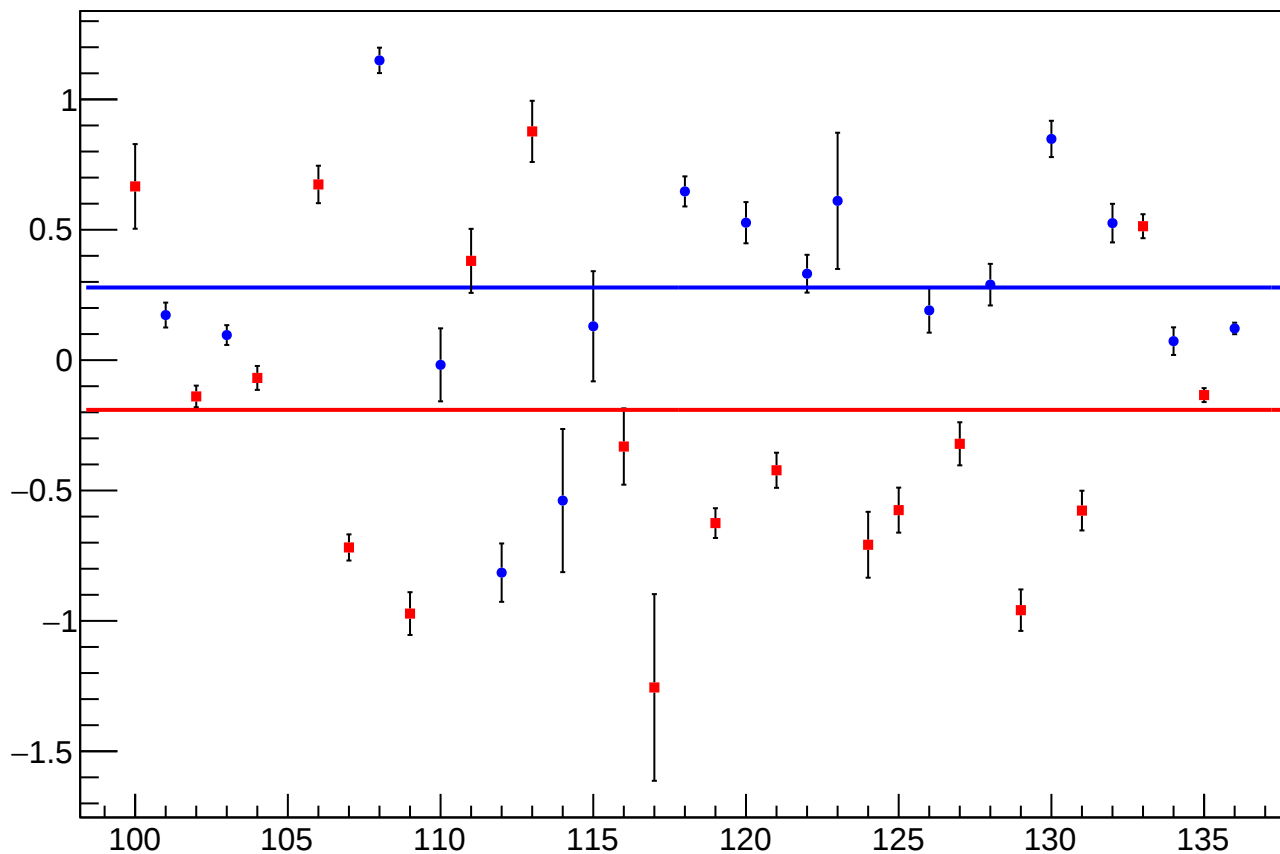
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-100.457 ± 0.251 χ^2/NDF : 4461.1/16

0.861 ± 0.178 χ^2/NDF : 338155.3/35

102.878 ± 0.252 χ^2/NDF : 6019.9/18

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: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.191 $\pm$ 0.014 χ^2 /NDF: 963.9/18

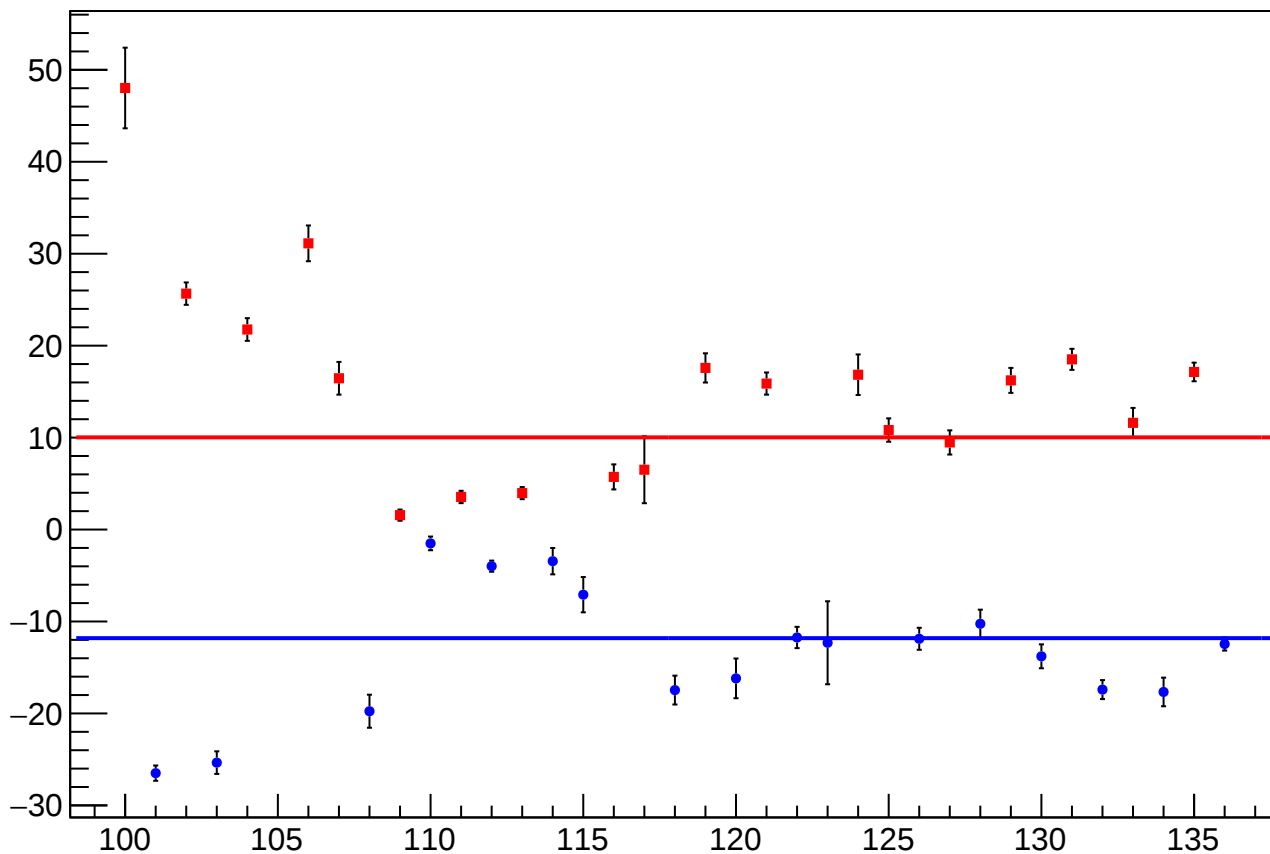
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.279 $\pm$ 0.014 χ^2 /NDF: 653.9/16

0.052 $\pm$ 0.010 χ^2 /NDF: 2199.2/35

-0.191 $\pm$ 0.014 χ^2 /NDF: 963.9/18

reg_asym_sam_1357_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -11.812 $\pm$ 0.266 χ^2 /NDF: 914.6/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.025 $\pm$ 0.259 χ^2 /NDF: 1025.6/18

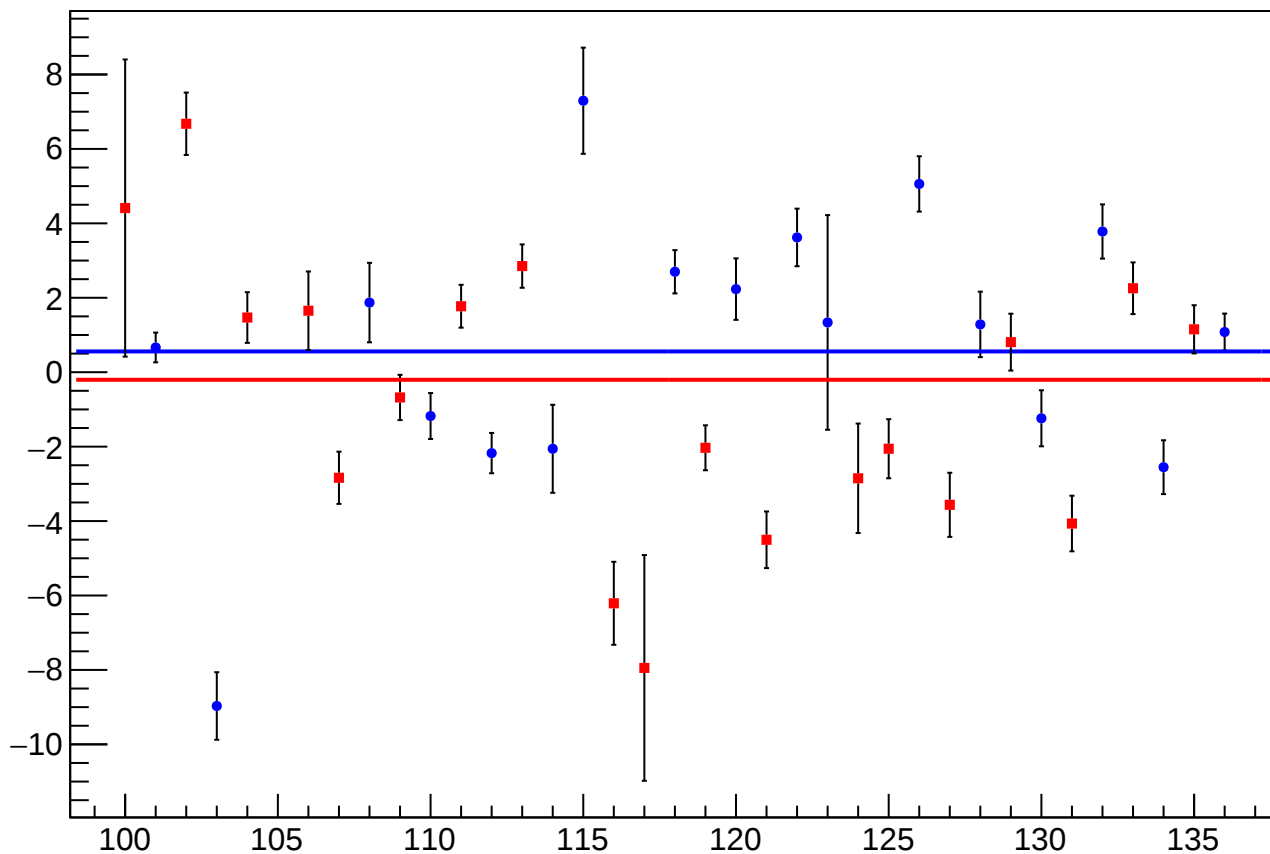
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-11.812 $\pm$ 0.266 χ^2 /NDF: 914.6/16

-0.594 $\pm$ 0.185 χ^2 /NDF: 5406.1/35

10.025 $\pm$ 0.259 χ^2 /NDF: 1025.6/18

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.558 $\pm$ 0.170 χ^2 /NDF: 287.9/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.203 $\pm$ 0.177 χ^2 /NDF: 277.7/18

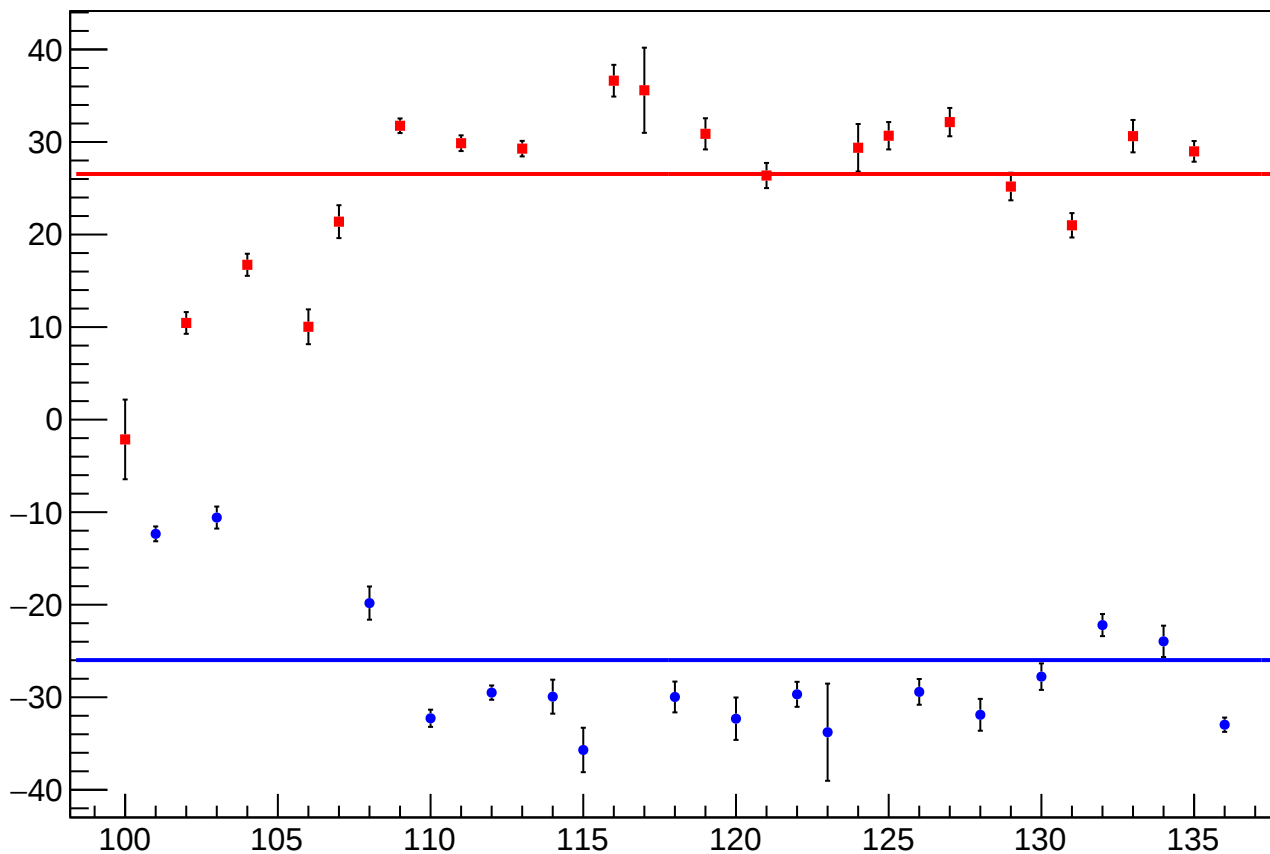
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.558 $\pm$ 0.170 χ^2 /NDF: 287.9/16

0.192 $\pm$ 0.123 χ^2 /NDF: 575.3/35

-0.203 $\pm$ 0.177 χ^2 /NDF: 277.7/18

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.984+/-0.300 χ^2/NDF : 691.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.544+/-0.302 χ^2/NDF : 551.0/18

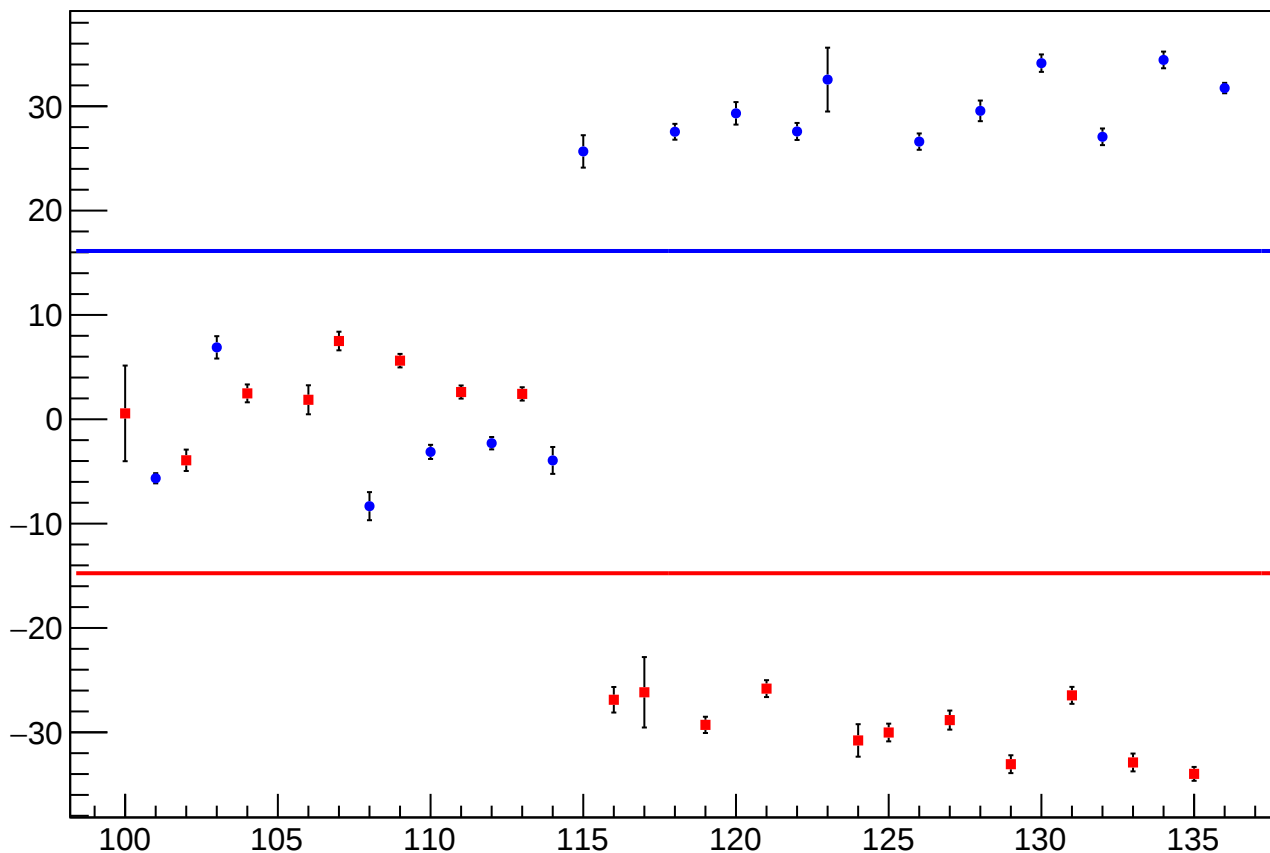
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-25.984+/-0.300 χ^2/NDF : 691.5/16

0.148+/-0.213 χ^2/NDF : 16449.4/35

26.544+/-0.302 χ^2/NDF : 551.0/18

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: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -14.755+/-0.200 χ^2 /NDF: 7033.4/18

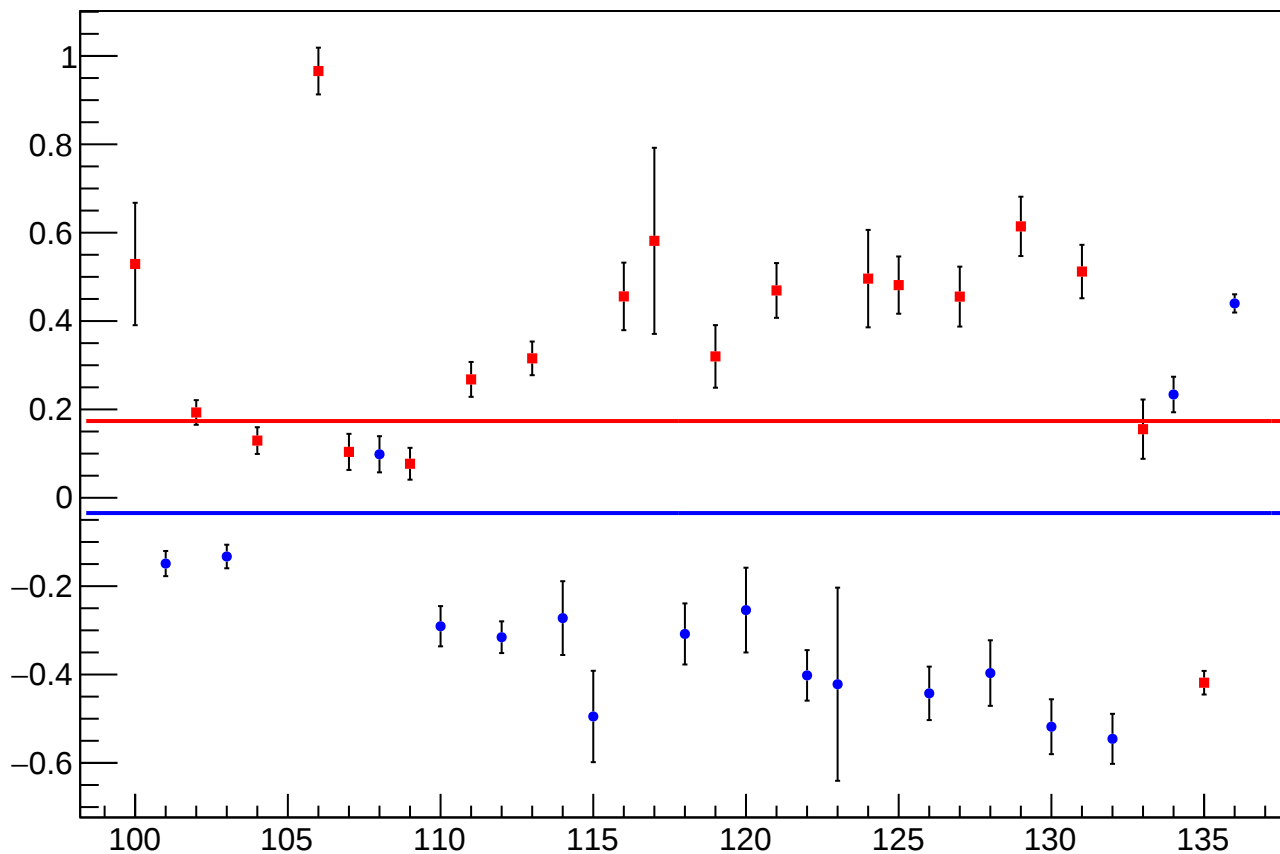
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

16.129+/-0.192 χ^2 /NDF: 7572.5/16

1.328+/-0.139 χ^2 /NDF: 26997.2/35

-14.755+/-0.200 χ^2 /NDF: 7033.4/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.174+/-0.011 χ^2/NDF : 922.4/18

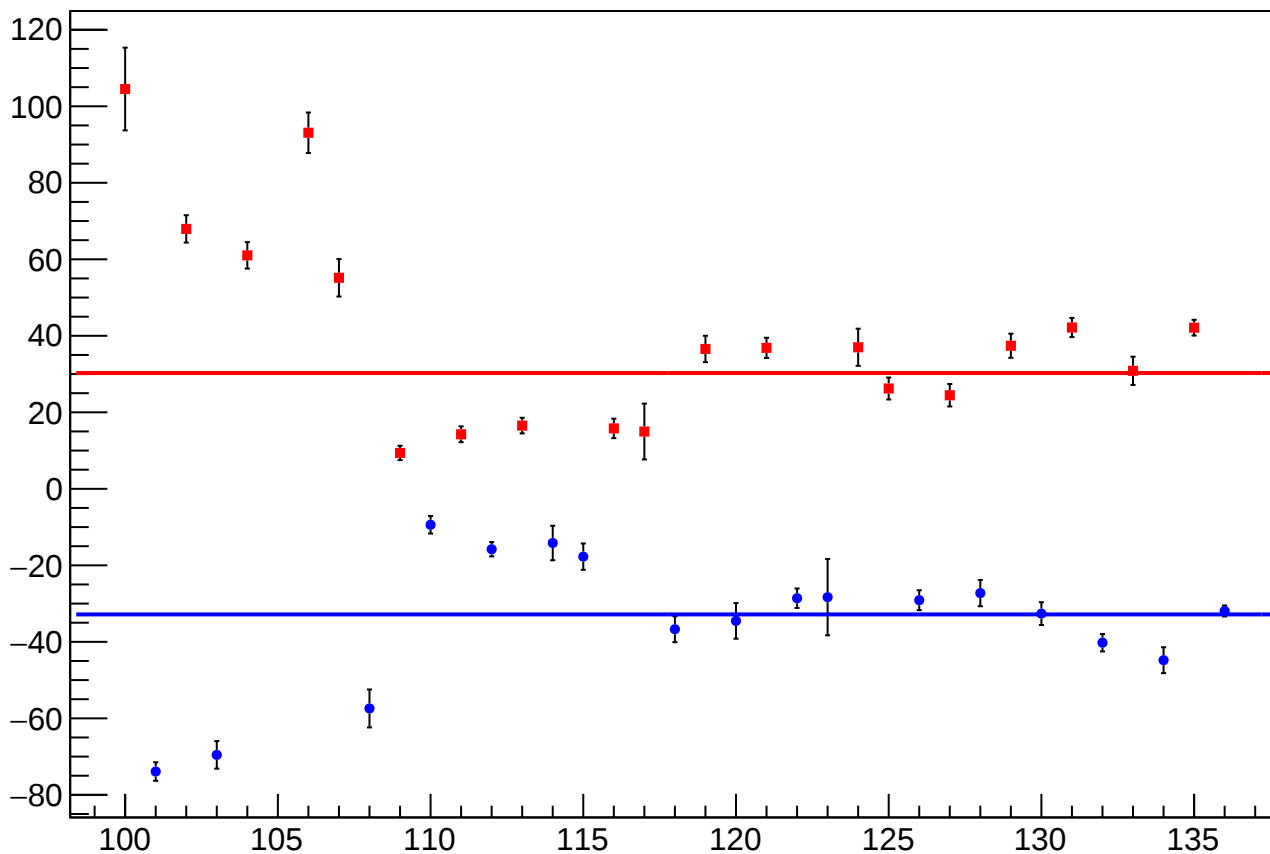
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.035+/-0.010 χ^2/NDF : 1011.6/16

0.066+/-0.007 χ^2/NDF : 2130.8/35

0.174+/-0.011 χ^2/NDF : 922.4/18

reg_asym_sam_2468_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -32.831+/-0.659 χ^2/NDF : 670.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.269+/-0.666 χ^2/NDF : 748.1/18

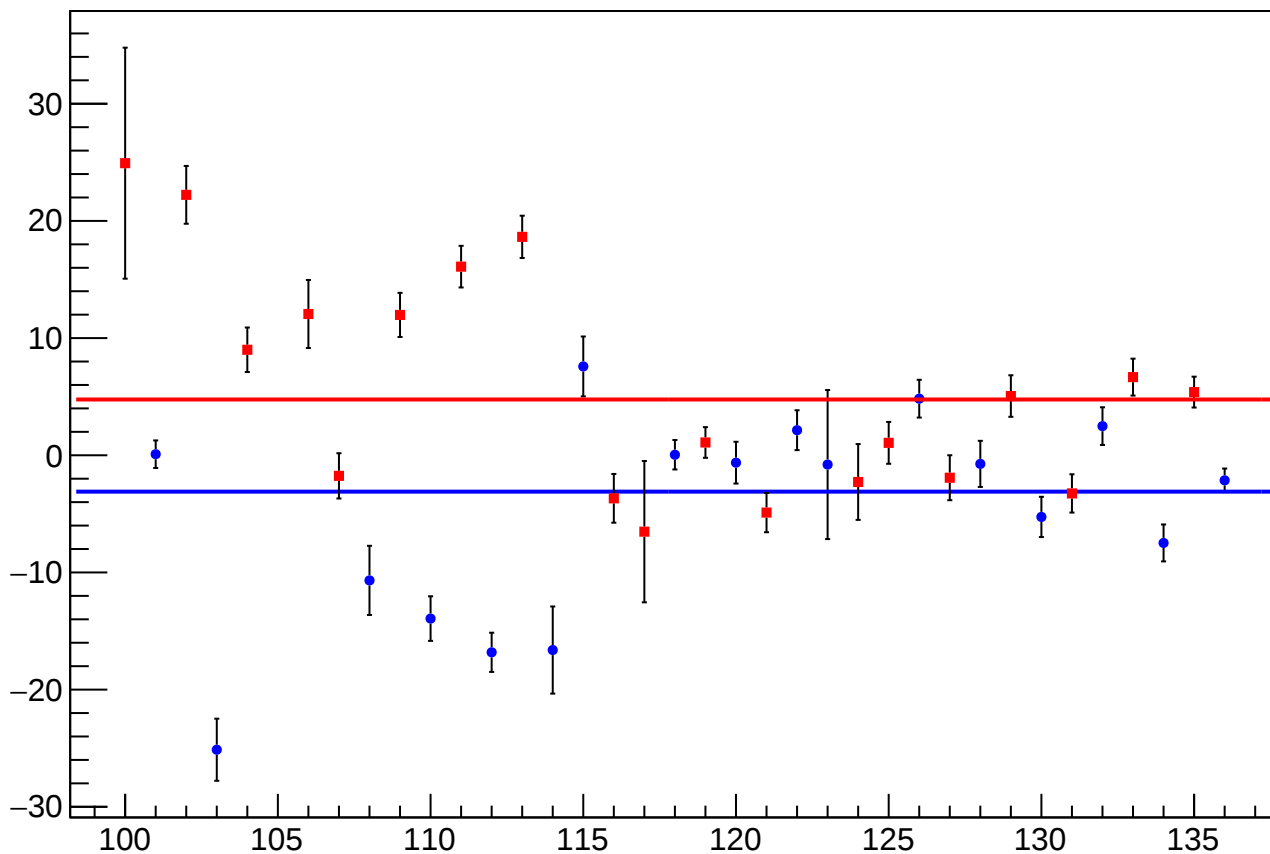
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-32.831+/-0.659 χ^2/NDF : 670.8/16

-1.592+/-0.469 χ^2/NDF : 5952.3/35

30.269+/-0.666 χ^2/NDF : 748.1/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.761+/-0.435 χ^2/NDF : 299.4/18

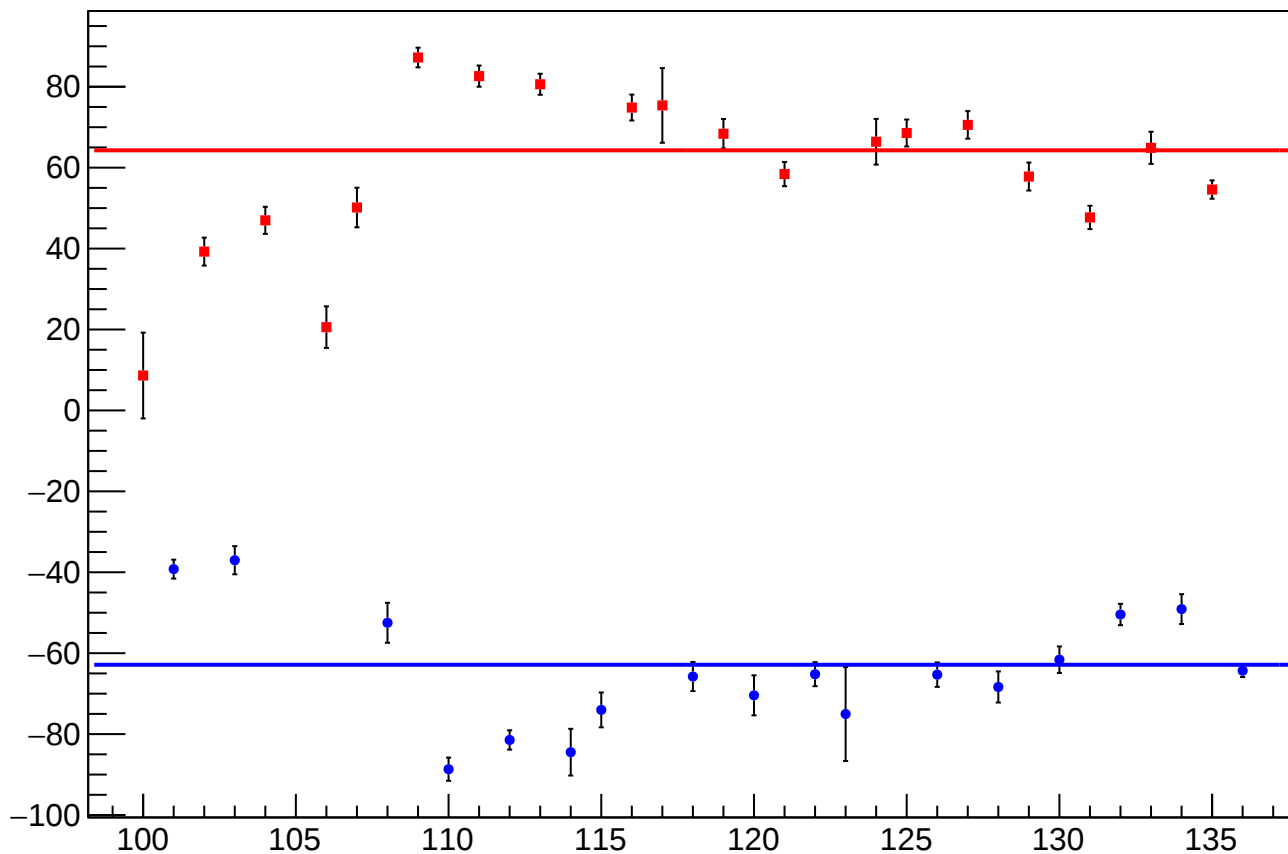
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.104+/-0.411 χ^2/NDF : 279.1/16

0.610+/-0.299 χ^2/NDF : 751.4/35

4.761+/-0.435 χ^2/NDF : 299.4/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.287+/-0.769 χ^2/NDF : 442.6/18

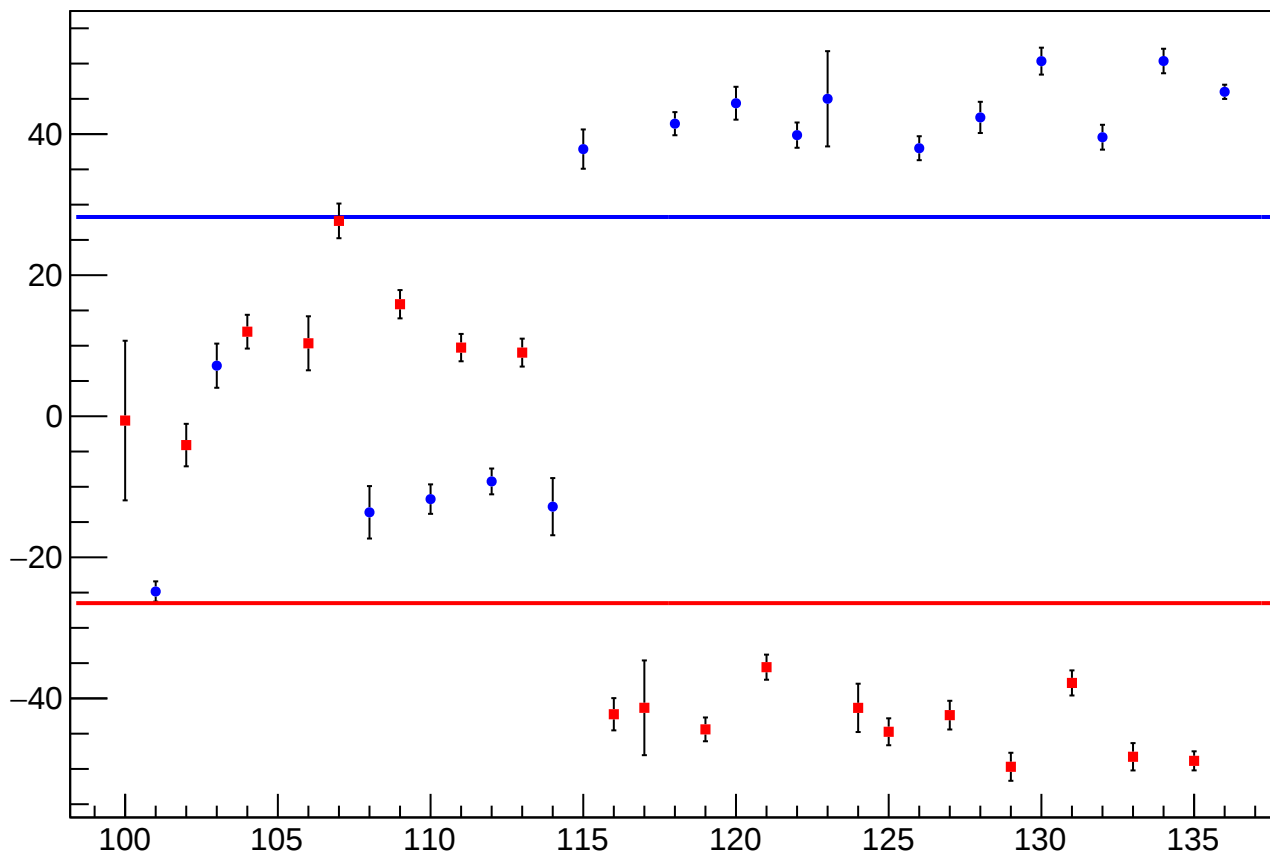
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-62.863+/-0.741 χ^2/NDF : 368.7/16

-1.697+/-0.534 χ^2/NDF : 14987.7/35

64.287+/-0.769 χ^2/NDF : 442.6/18

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: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -26.493+/-0.490 χ^2 /NDF: 2953.3/18

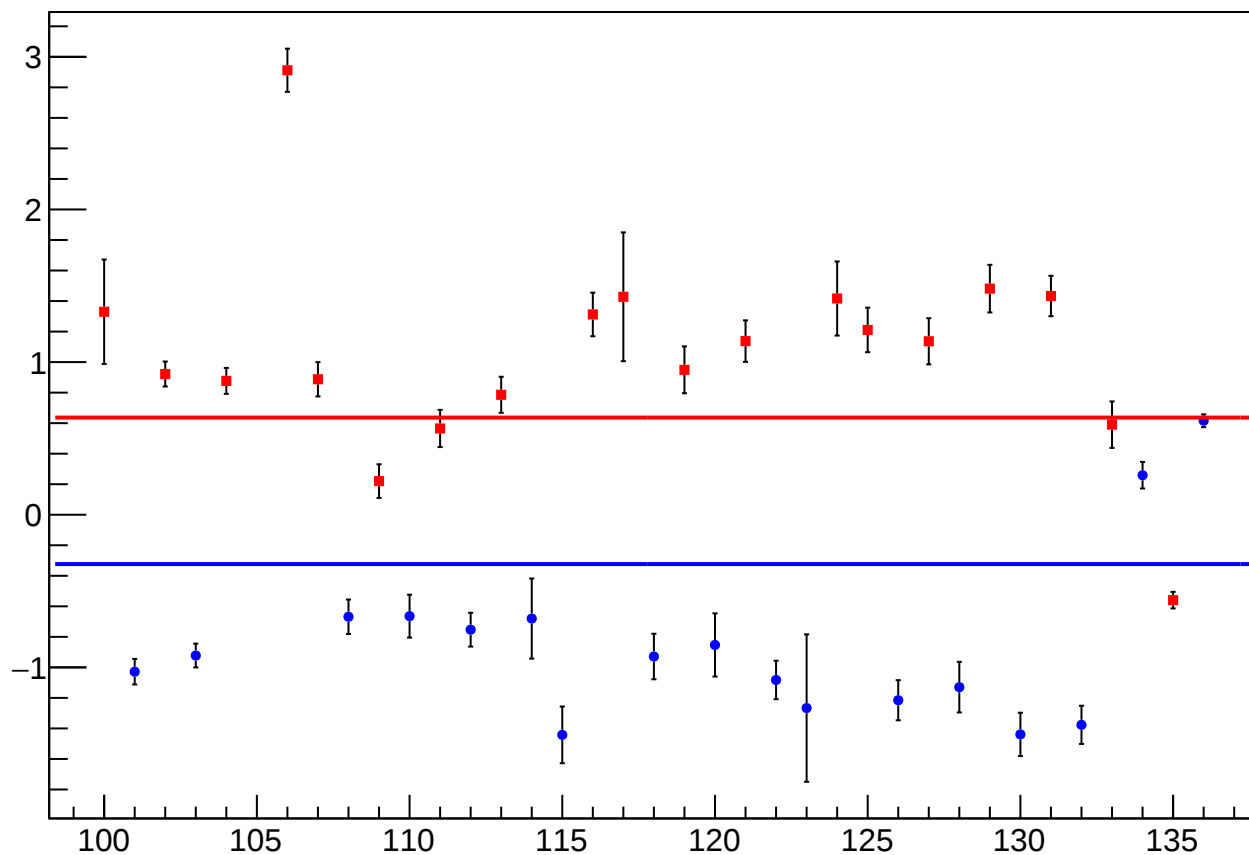
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

28.250+/-0.460 χ^2 /NDF: 3319.5/16

2.614+/-0.336 χ^2 /NDF: 12901.9/35

-26.493+/-0.490 χ^2 /NDF: 2953.3/18

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: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.637+/-0.027 χ^2 /NDF: 935.1/18

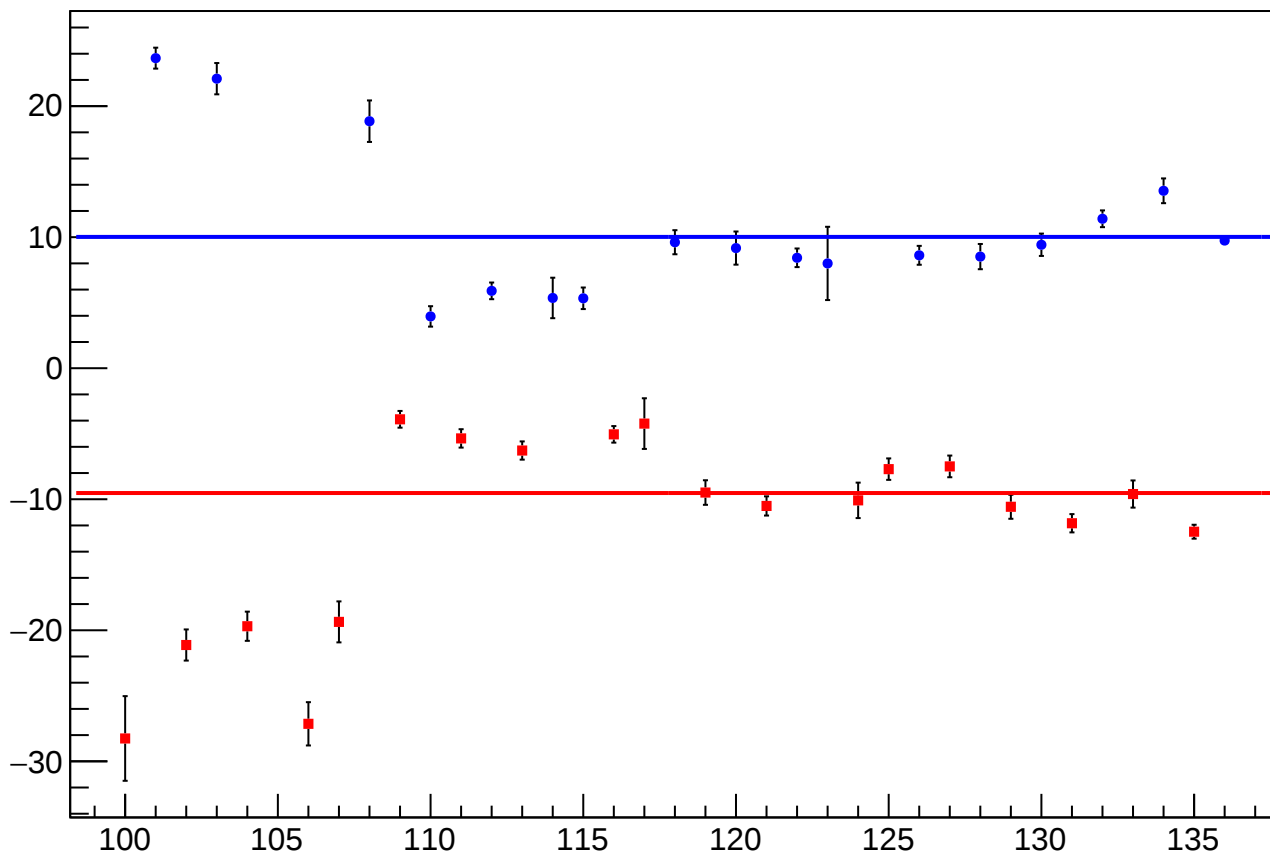
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.323+/-0.025 χ^2 /NDF: 1010.8/16

0.121+/-0.018 χ^2 /NDF: 2631.2/35

0.637+/-0.027 χ^2 /NDF: 935.1/18

reg_asym_sam_1357_2468_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 10.021+/-0.190 χ^2 /NDF: 600.6/16

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -9.526+/-0.196 χ^2 /NDF: 613.9/18

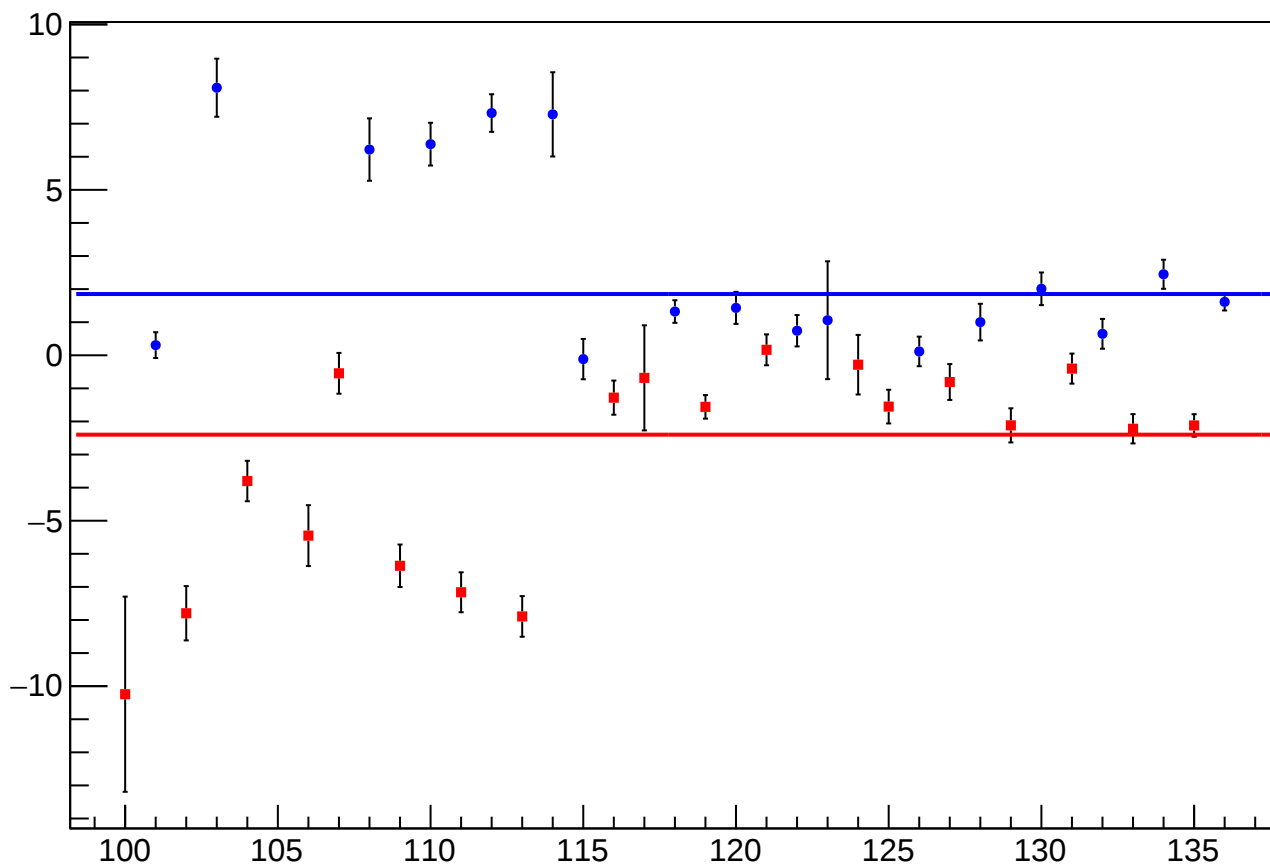
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

10.021+/-0.190 χ^2 /NDF: 600.6/16

0.586+/-0.136 χ^2 /NDF: 6340.0/35

-9.526+/-0.196 χ^2 /NDF: 613.9/18

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.851+/-0.117 χ^2/NDF : 294.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.399+/-0.126 χ^2/NDF : 335.1/18

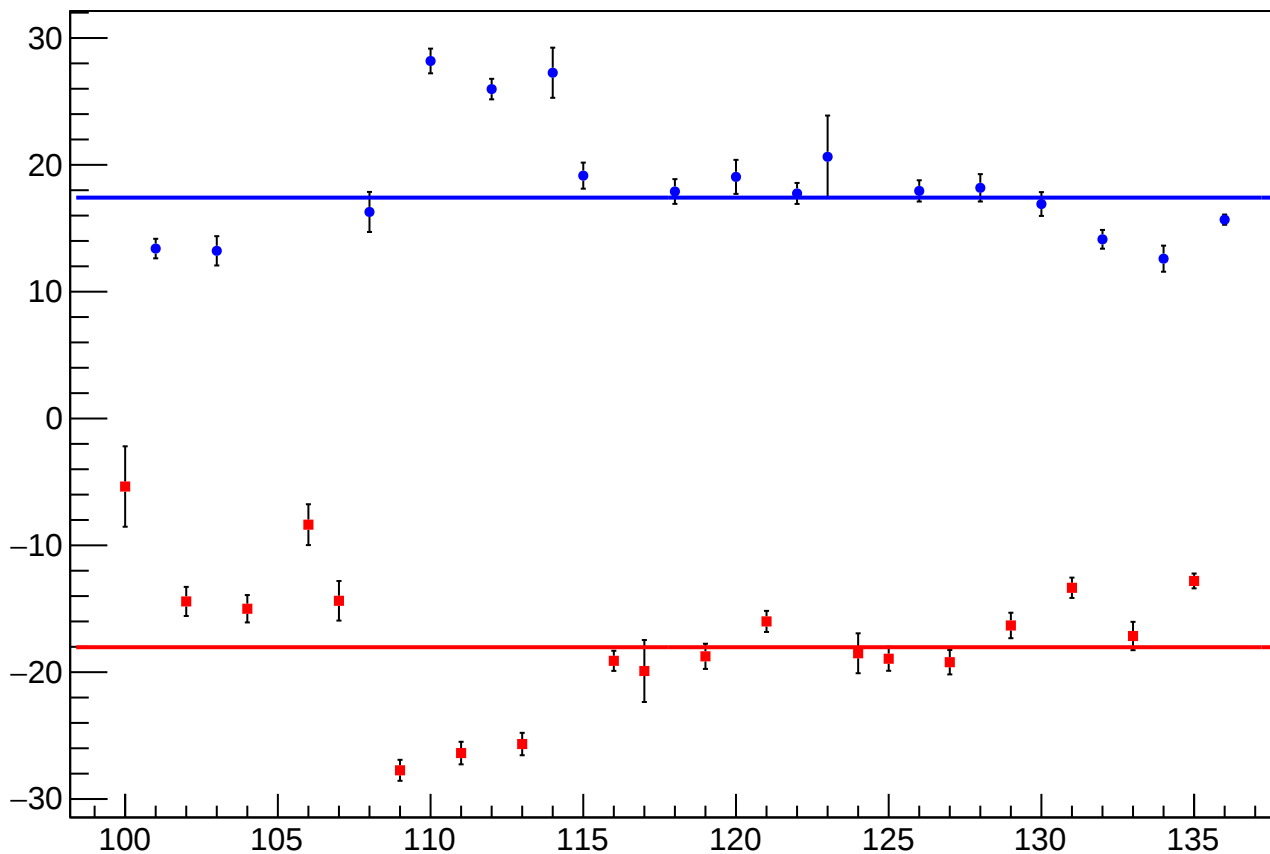
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.851+/-0.117 χ^2/NDF : 294.2/16

-0.127+/-0.086 χ^2/NDF : 1241.6/35

-2.399+/-0.126 χ^2/NDF : 335.1/18

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.417 ± 0.213 χ^2/NDF : 367.0/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -18.031 ± 0.226 χ^2/NDF : 504.6/18

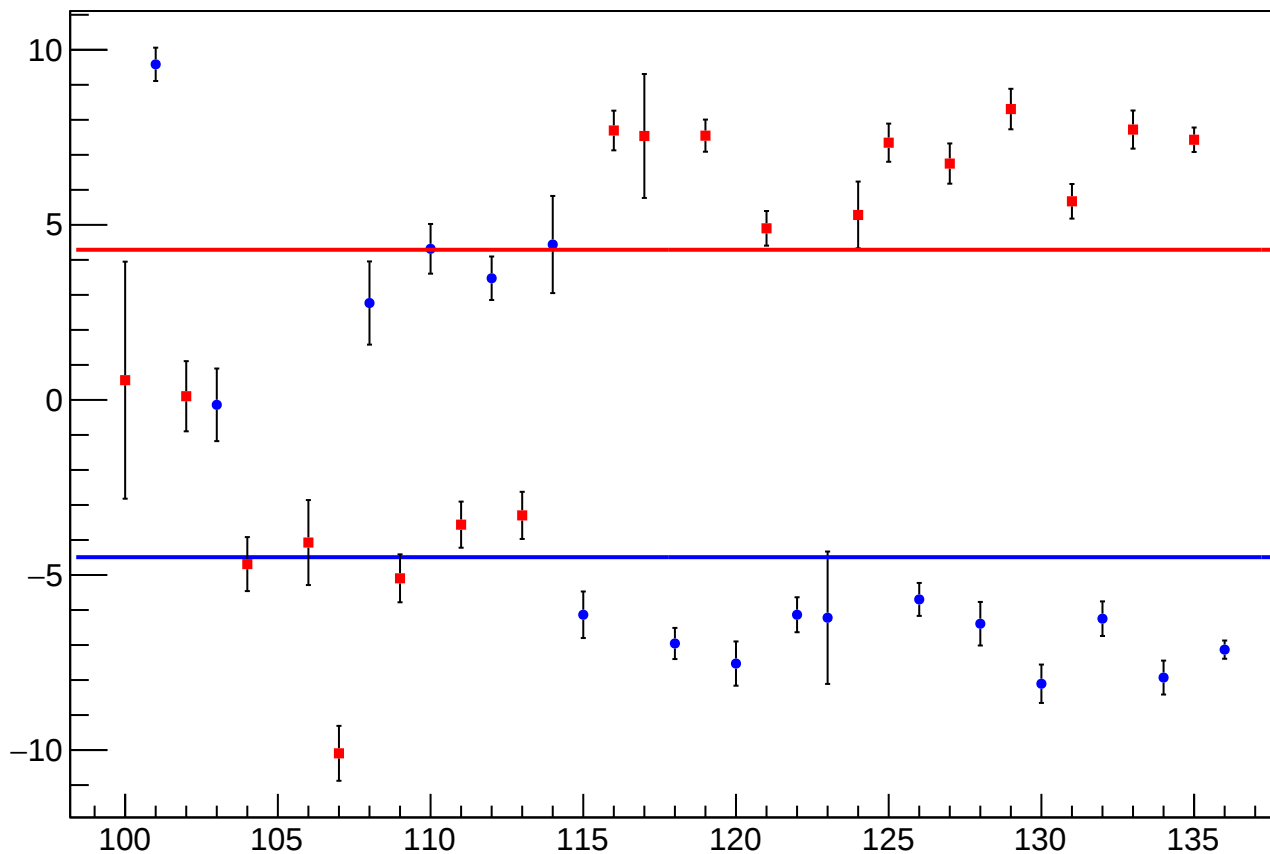
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

17.417 ± 0.213 χ^2/NDF : 367.0/16

0.769 ± 0.155 χ^2/NDF : 13928.1/35

-18.031 ± 0.226 χ^2/NDF : 504.6/18

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.491 ± 0.130 $\chi^2/\text{NDF}: 1585.4/16$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 4.289 ± 0.141 $\chi^2/\text{NDF}: 1314.5/18$

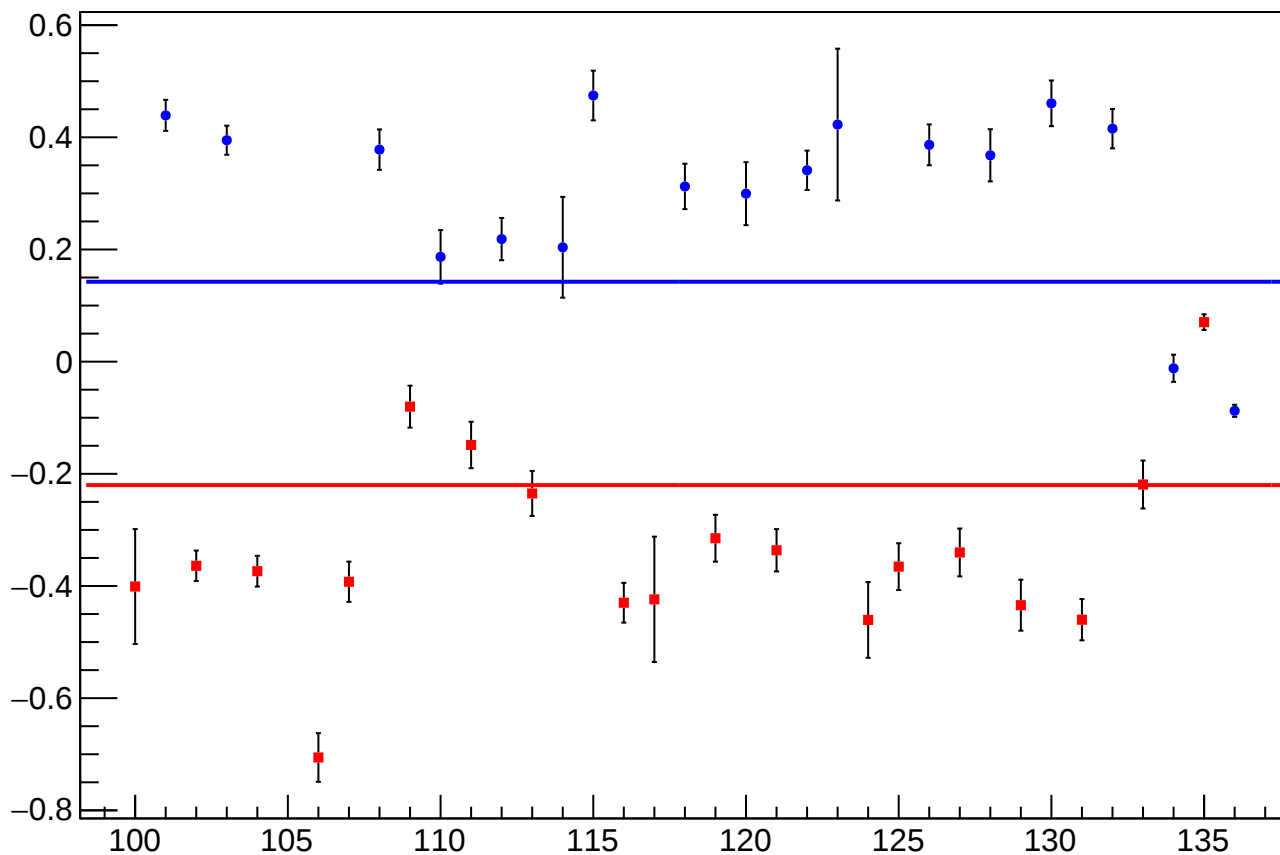
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-4.491 ± 0.130 $\chi^2/\text{NDF}: 1585.4/16$

-0.449 ± 0.096 $\chi^2/\text{NDF}: 4986.3/35$

4.289 ± 0.141 $\chi^2/\text{NDF}: 1314.5/18$

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.142 $\pm$ 0.007 χ^2 /NDF: 1058.8/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.220 $\pm$ 0.008 χ^2 /NDF: 807.7/18

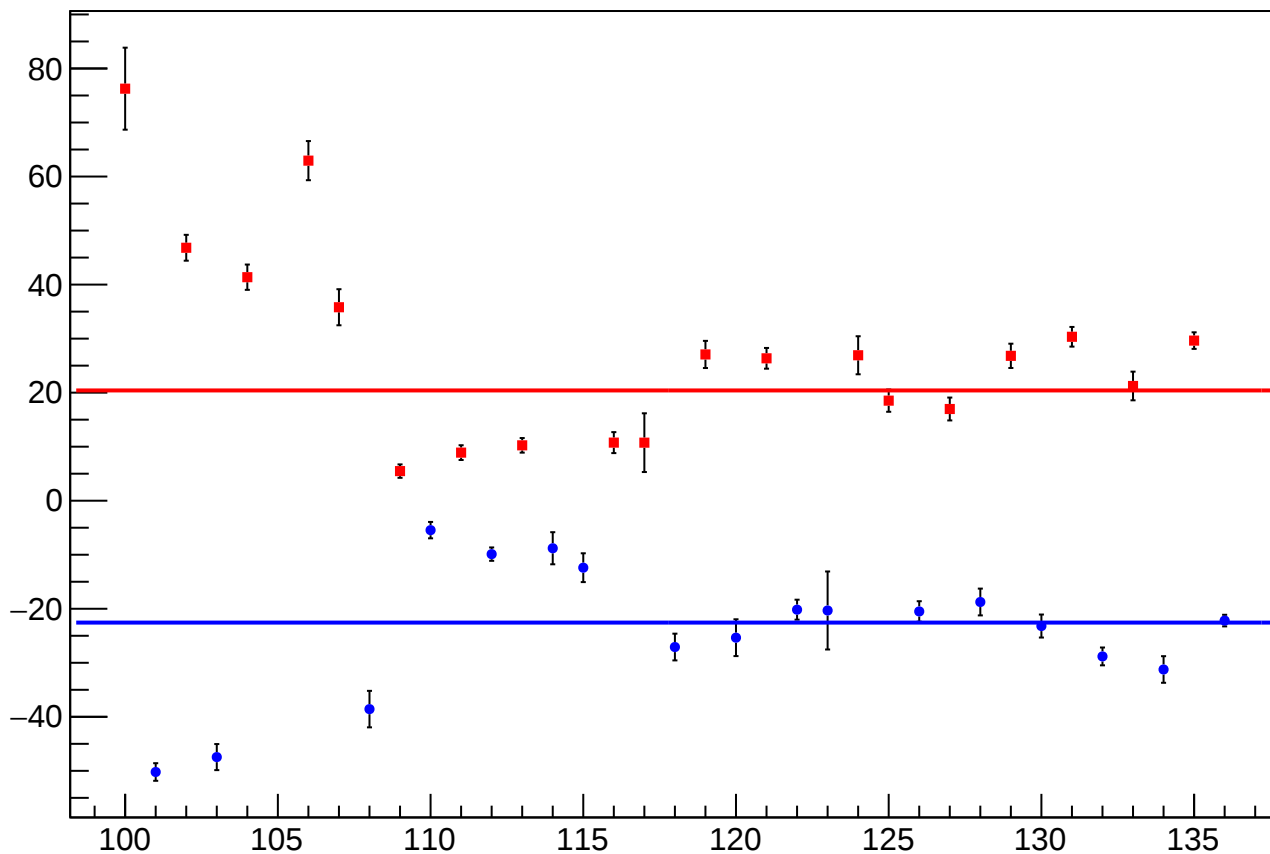
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.142 $\pm$ 0.007 χ^2 /NDF: 1058.8/16

-0.021 $\pm$ 0.005 χ^2 /NDF: 3049.5/35

-0.220 $\pm$ 0.008 χ^2 /NDF: 807.7/18

reg_asym_sam_12345678_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -22.559 $\pm$ 0.466 χ^2 /NDF: 721.7/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.409 $\pm$ 0.466 χ^2 /NDF: 812.9/18

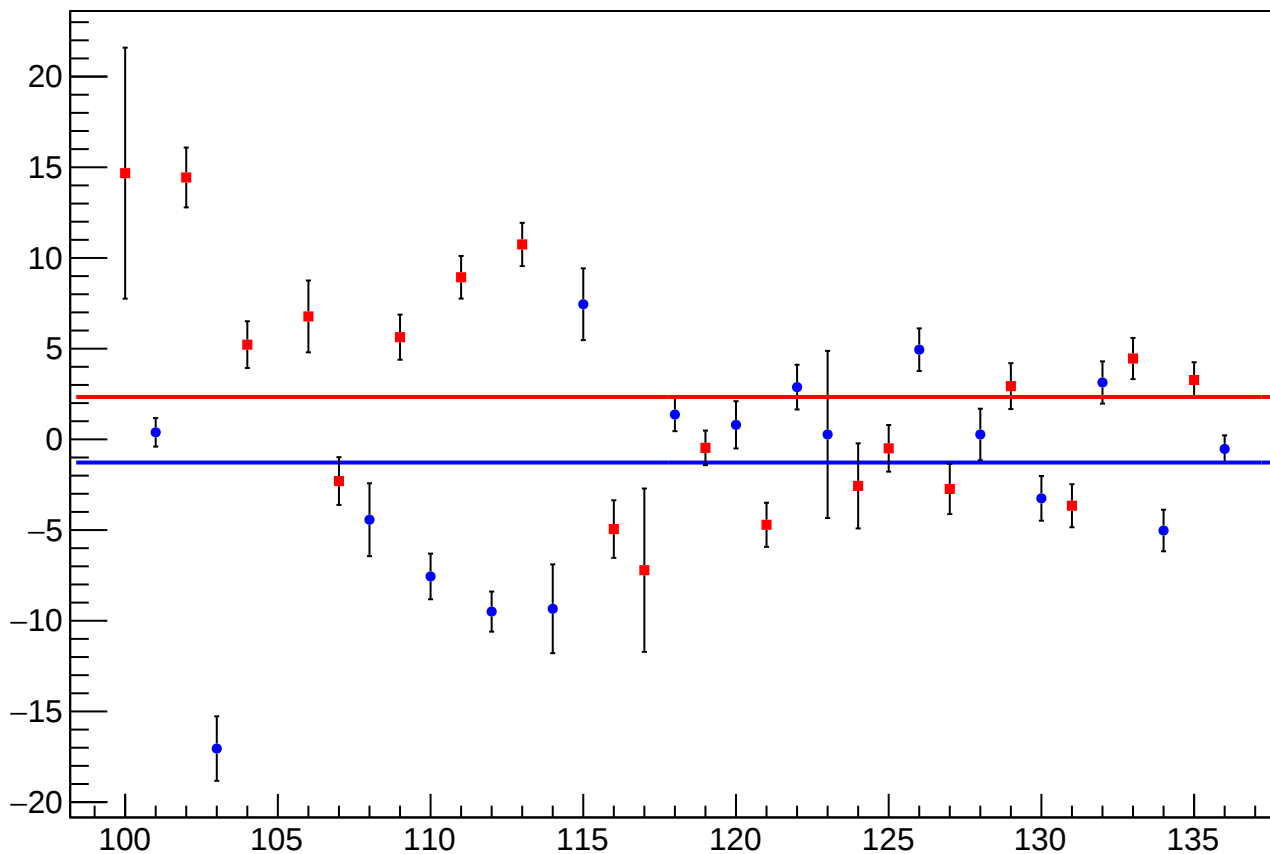
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-22.559 $\pm$ 0.466 χ^2 /NDF: 721.7/16

-1.058 $\pm$ 0.330 χ^2 /NDF: 5785.3/35

20.409 $\pm$ 0.466 χ^2 /NDF: 812.9/18

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.278+/-0.292 χ^2/NDF : 276.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.337+/-0.307 χ^2/NDF : 288.3/18

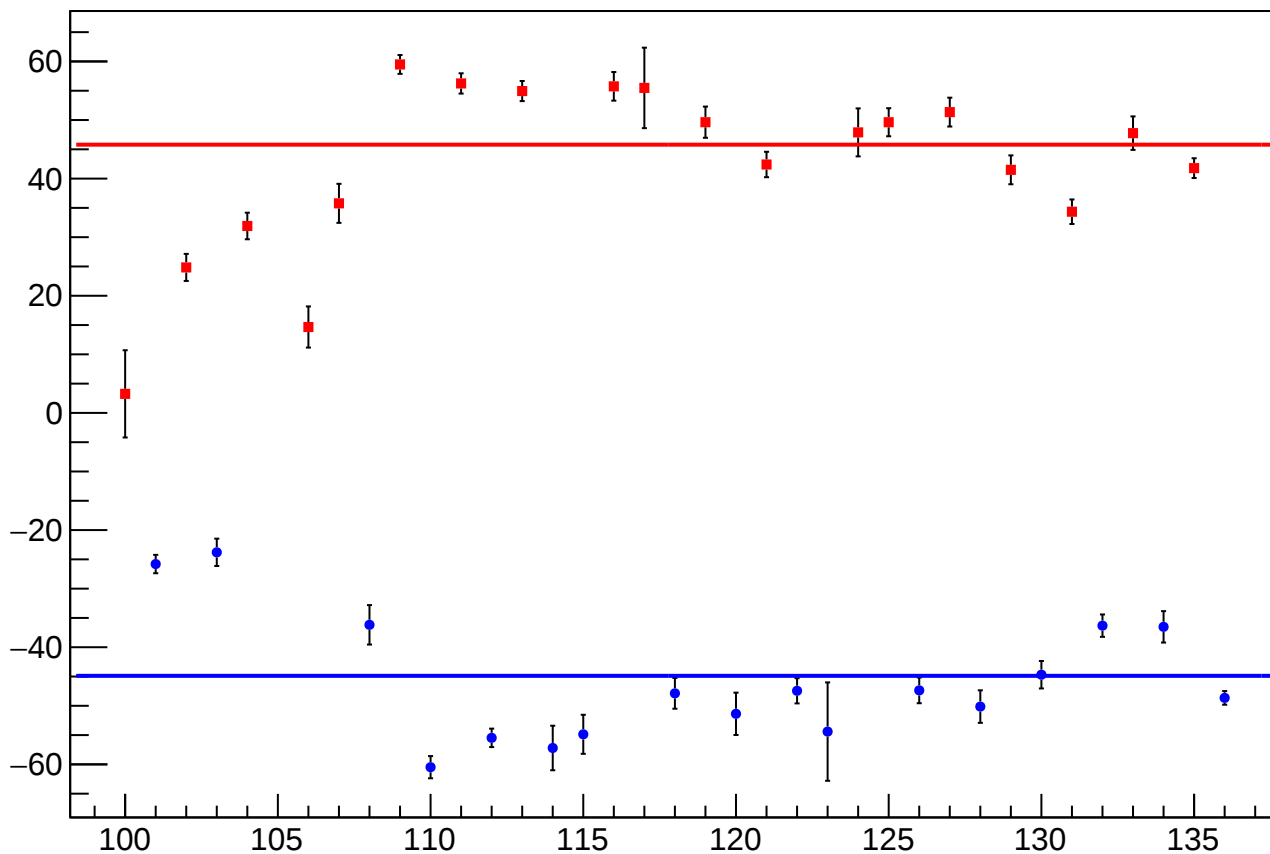
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.278+/-0.292 χ^2/NDF : 276.5/16

0.439+/-0.212 χ^2/NDF : 637.4/35

2.337+/-0.307 χ^2/NDF : 288.3/18

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.883 ± 0.524 χ^2/NDF : 421.0/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 45.792 ± 0.539 χ^2/NDF : 447.4/18

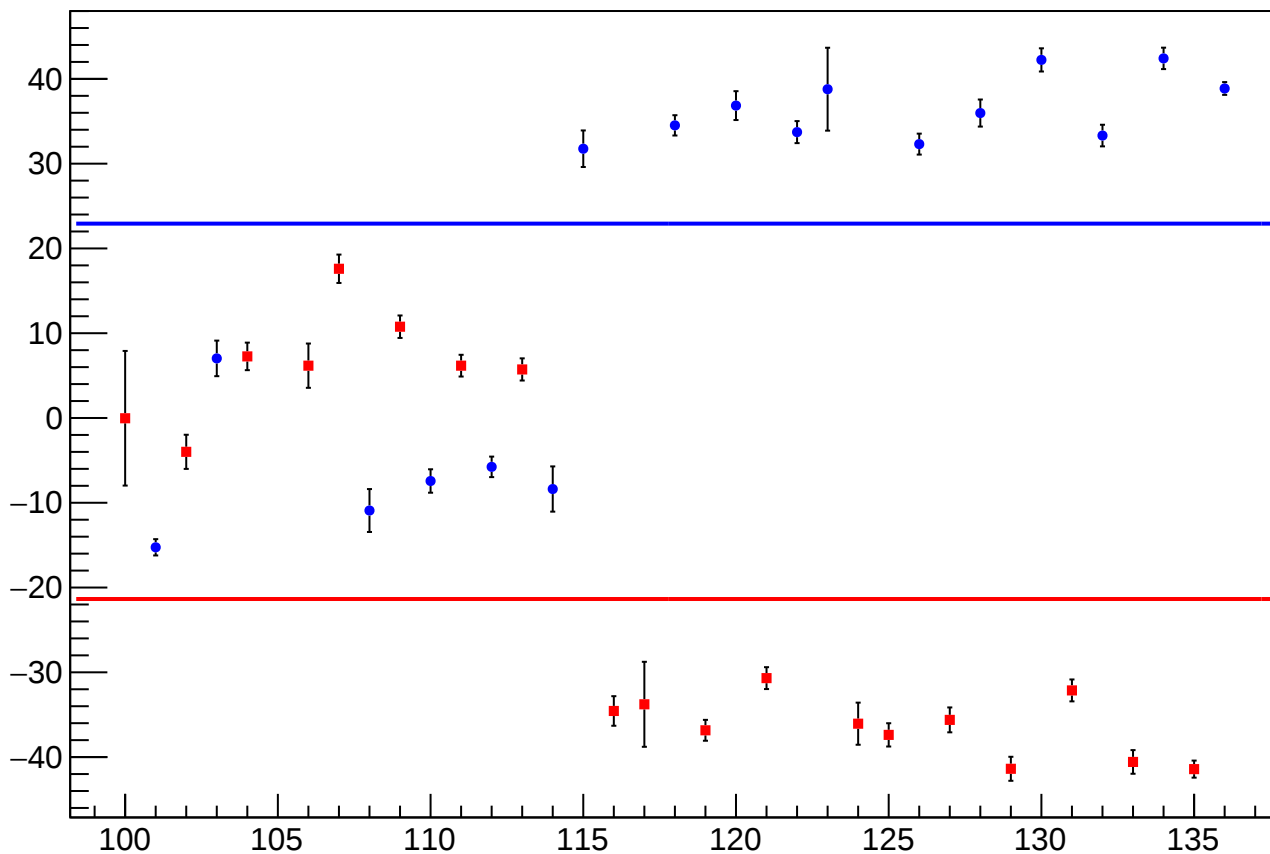
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-44.883 ± 0.524 χ^2/NDF : 421.0/16

-0.830 ± 0.376 χ^2/NDF : 15396.4/35

45.792 ± 0.539 χ^2/NDF : 447.4/18

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: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -21.353+/-0.347 χ^2 /NDF: 3918.6/18

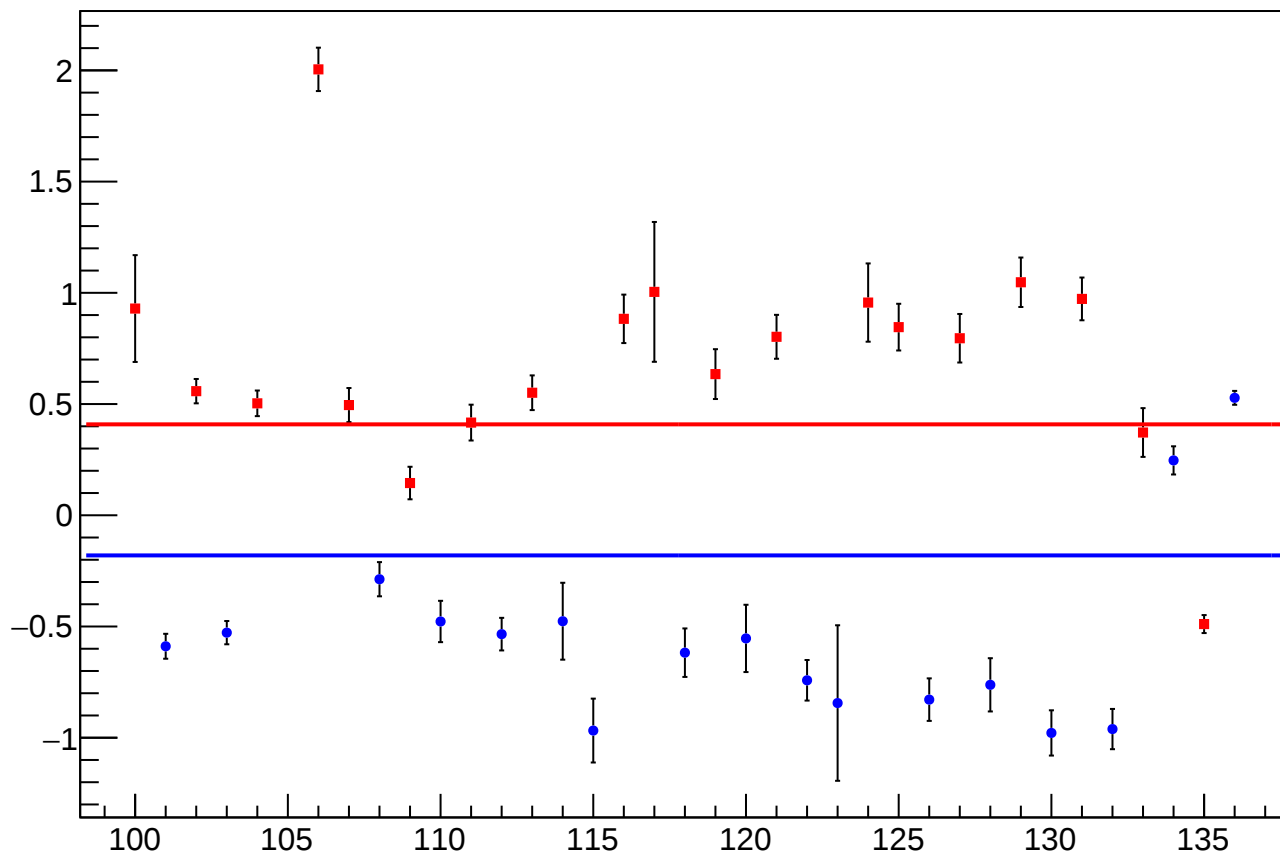
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

22.926+/-0.328 χ^2 /NDF: 4330.2/16

2.046+/-0.238 χ^2 /NDF: 16839.2/35

-21.353+/-0.347 χ^2 /NDF: 3918.6/18

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: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.409+/-0.019 χ^2 /NDF: 943.0/18

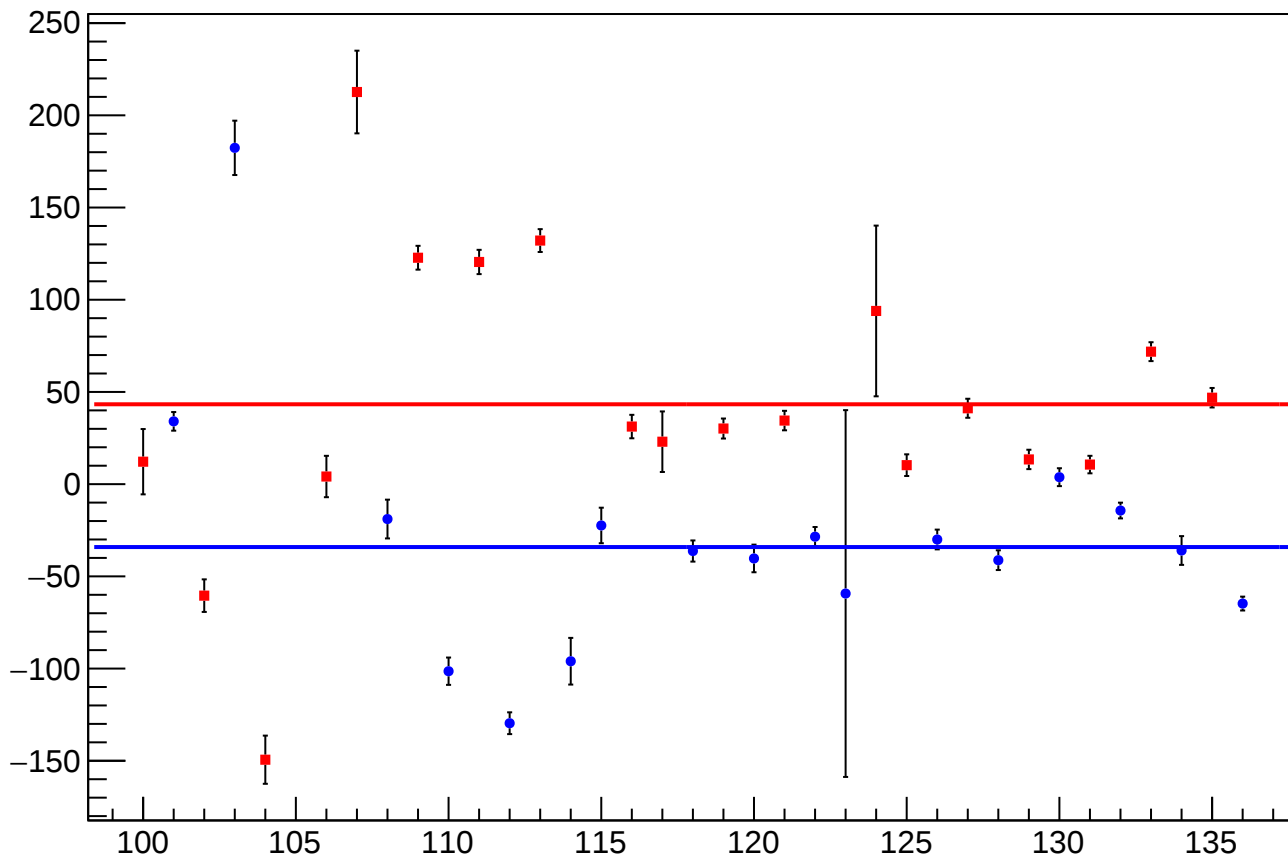
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.180+/-0.018 χ^2 /NDF: 995.7/16

0.096+/-0.013 χ^2 /NDF: 2454.8/35

0.409+/-0.019 χ^2 /NDF: 943.0/18

reg_asym_atl1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -34.105 $\pm$ 1.482 χ^2 /NDF: 922.9/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 43.312 $\pm$ 1.534 χ^2 /NDF: 1080.4/18

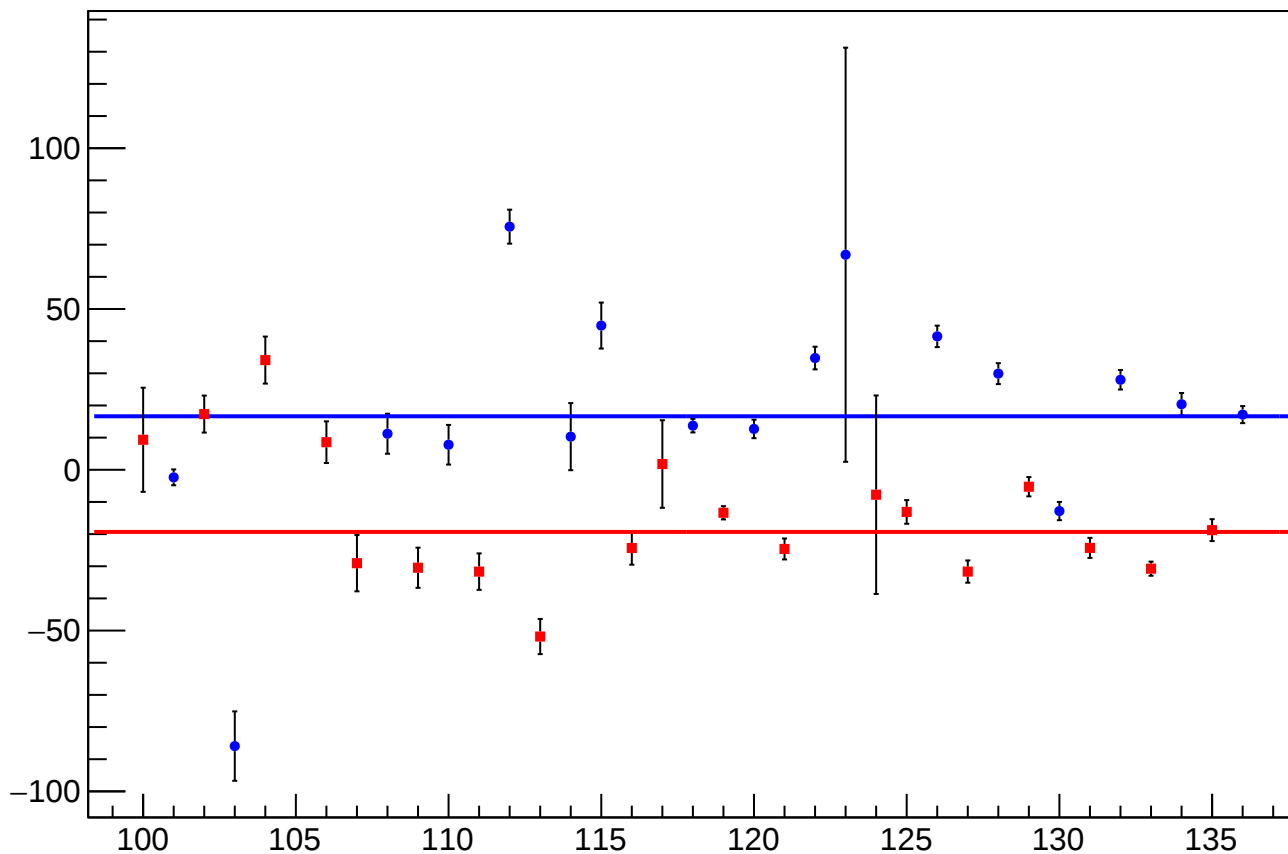
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-34.105 $\pm$ 1.482 χ^2 /NDF: 922.9/16

3.248 $\pm$ 1.066 χ^2 /NDF: 3320.5/35

43.312 $\pm$ 1.534 χ^2 /NDF: 1080.4/18

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.641+/-0.859 χ^2 /NDF: 518.9/16

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -19.326+/-0.906 χ^2 /NDF: 241.9/18

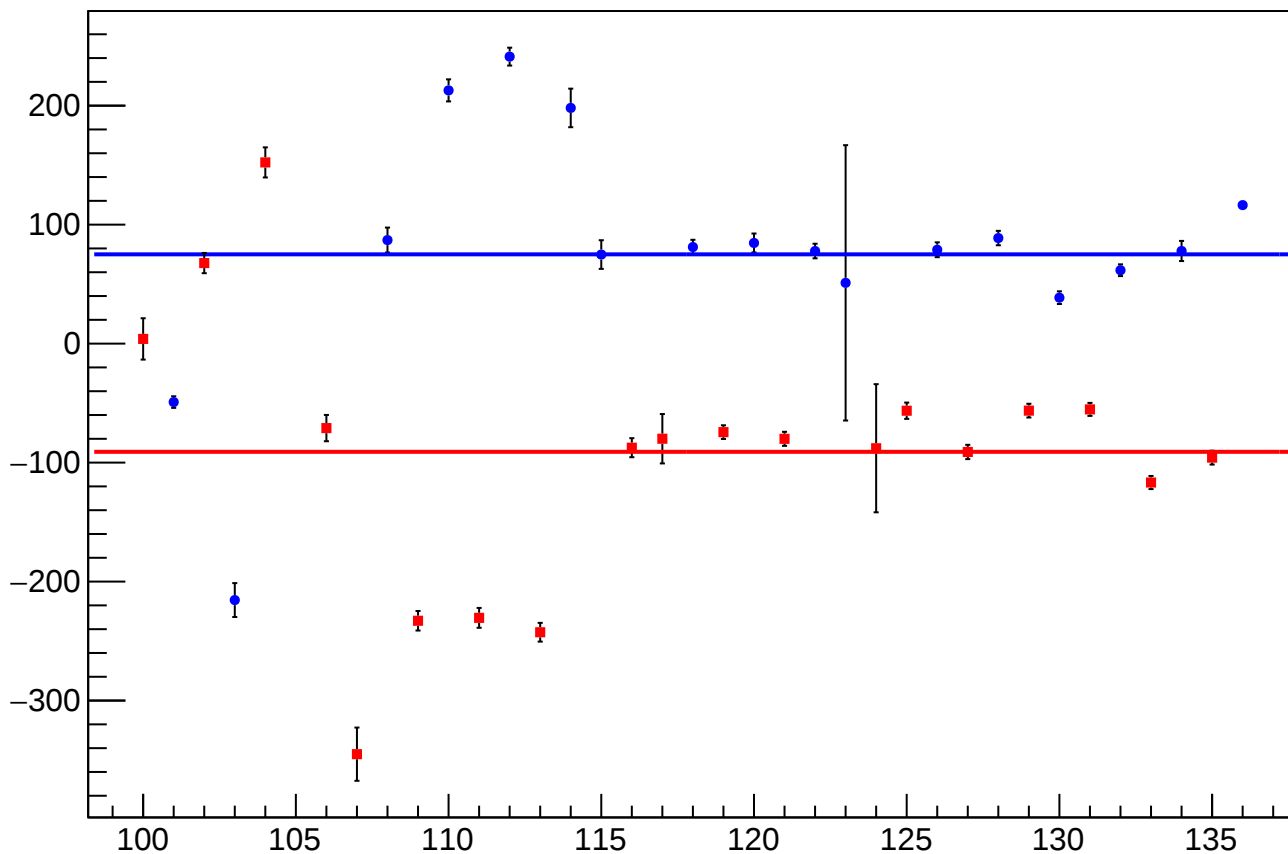
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

16.641+/-0.859 χ^2 /NDF: 518.9/16

-0.383+/-0.623 χ^2 /NDF: 1591.2/35

-19.326+/-0.906 χ^2 /NDF: 241.9/18

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 75.032+/-1.647 χ^2 /NDF: 1999.7/16

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -90.935+/-1.738 χ^2 /NDF: 1967.6/18

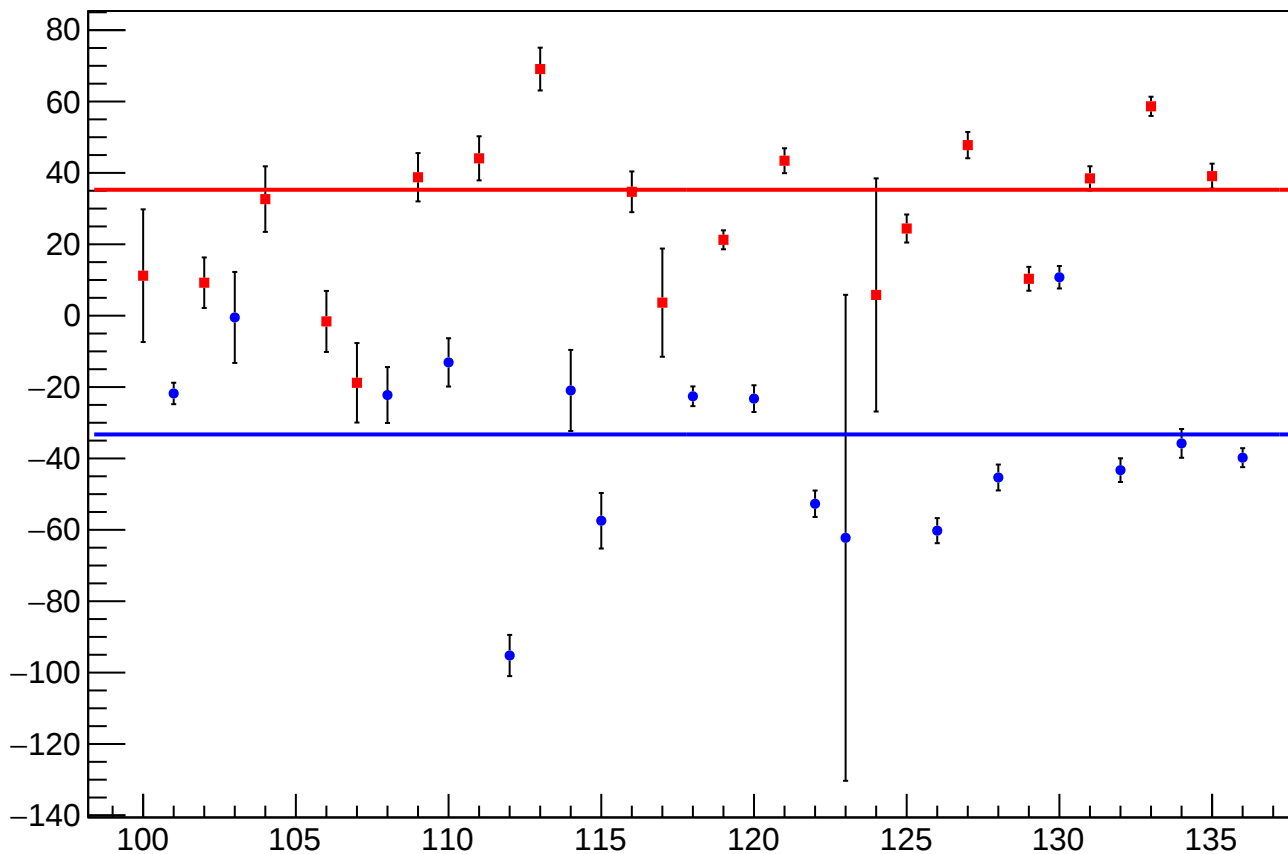
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

75.032+/-1.647 χ^2 /NDF: 1999.7/16

-3.492+/-1.195 χ^2 /NDF: 8773.9/35

-90.935+/-1.738 χ^2 /NDF: 1967.6/18

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.272 $\pm$ 0.982 χ^2 /NDF: 489.4/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 35.274 $\pm$ 1.038 χ^2 /NDF: 282.4/18

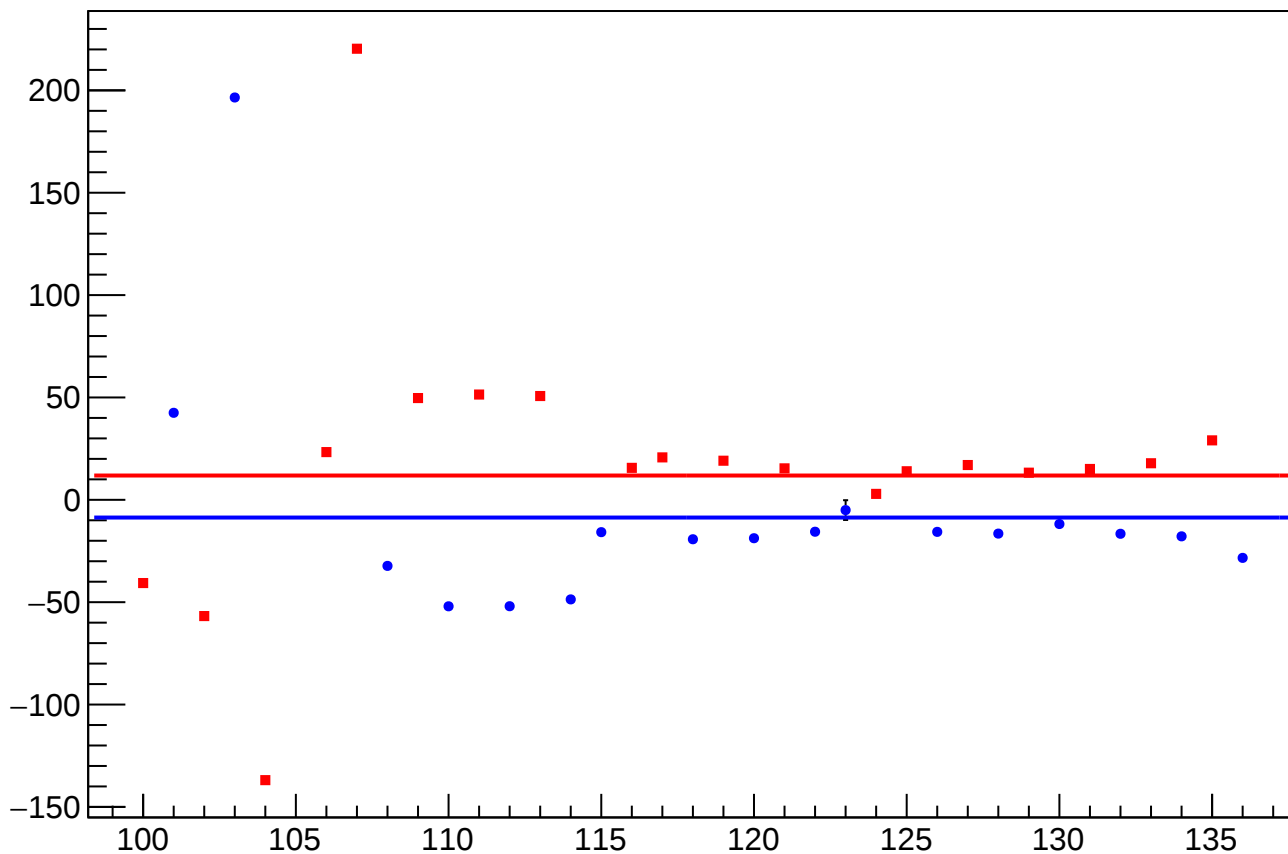
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-33.272 $\pm$ 0.982 χ^2 /NDF: 489.4/16

-0.913 $\pm$ 0.713 χ^2 /NDF: 3072.0/35

35.274 $\pm$ 1.038 χ^2 /NDF: 282.4/18

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.657 ± 0.059 χ^2/NDF : 575742.7/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 11.869 ± 0.064 χ^2/NDF : 552704.9/18

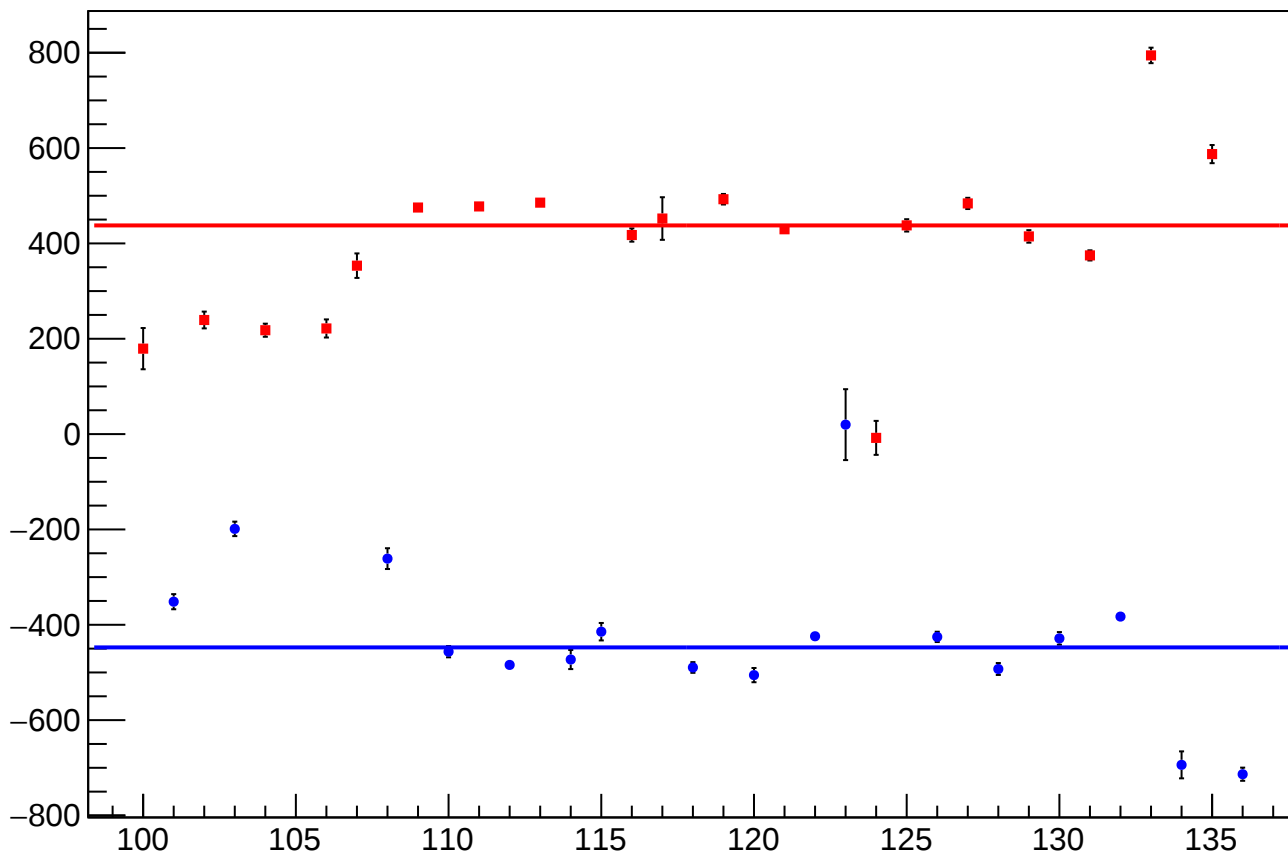
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-8.657 ± 0.059 χ^2/NDF : 575742.7/16

0.810 ± 0.043 χ^2/NDF : 1184117.1/35

11.869 ± 0.064 χ^2/NDF : 552704.9/18

reg_asym_atl2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -447.440+/-3.231 χ^2 /NDF: 985.5/16

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 437.731+/-3.107 χ^2 /NDF: 1397.6/18

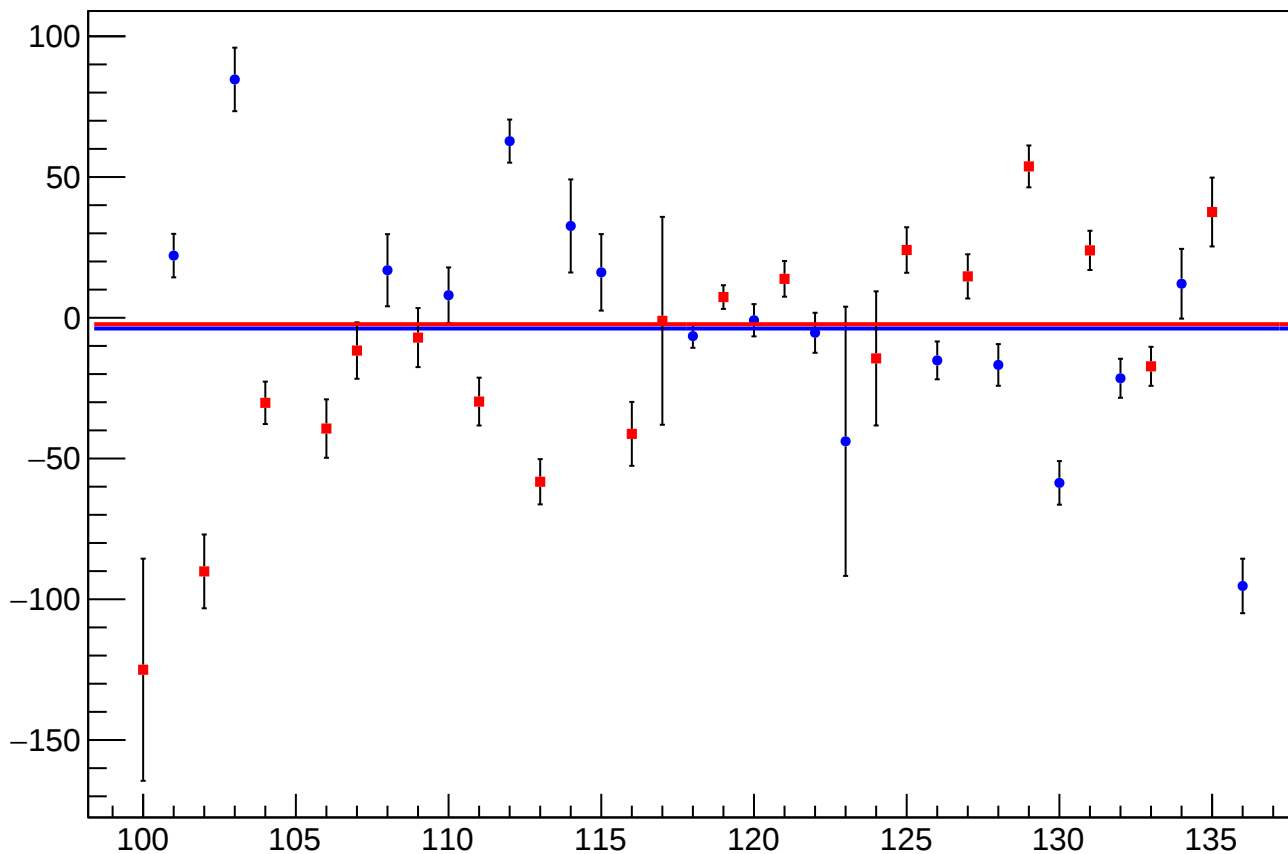
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-447.440+/-3.231 χ^2 /NDF: 985.5/16

12.508+/-2.239 χ^2 /NDF: 41381.0/35

437.731+/-3.107 χ^2 /NDF: 1397.6/18

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.815 ± 1.923 χ^2/NDF : 314.3/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.277 ± 1.920 χ^2/NDF : 266.4/18

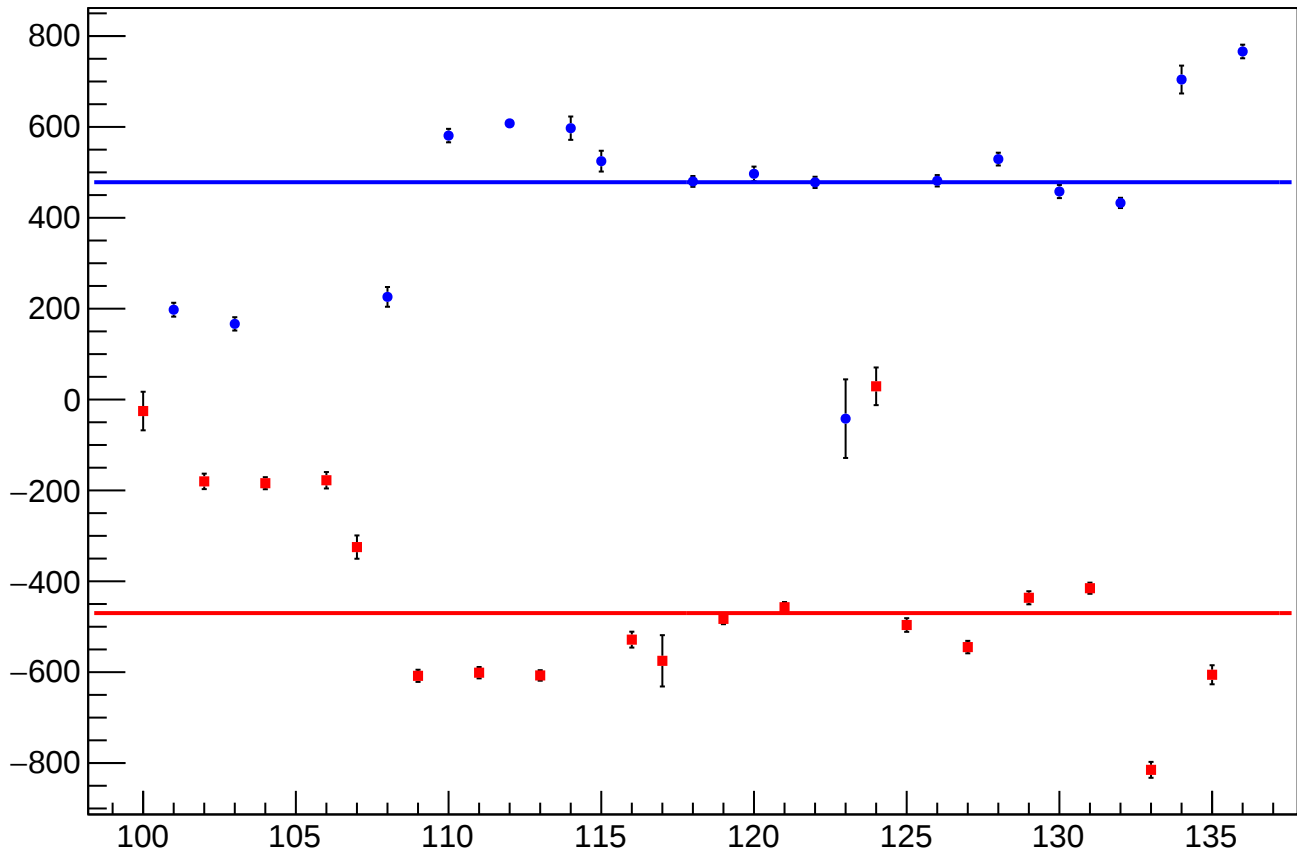
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-3.815 ± 1.923 χ^2/NDF : 314.3/16

-3.045 ± 1.359 χ^2/NDF : 581.0/35

-2.277 ± 1.920 χ^2/NDF : 266.4/18

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.334+/-3.662 χ^2/NDF : 1628.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -469.987+/-3.545 χ^2/NDF : 2164.0/18

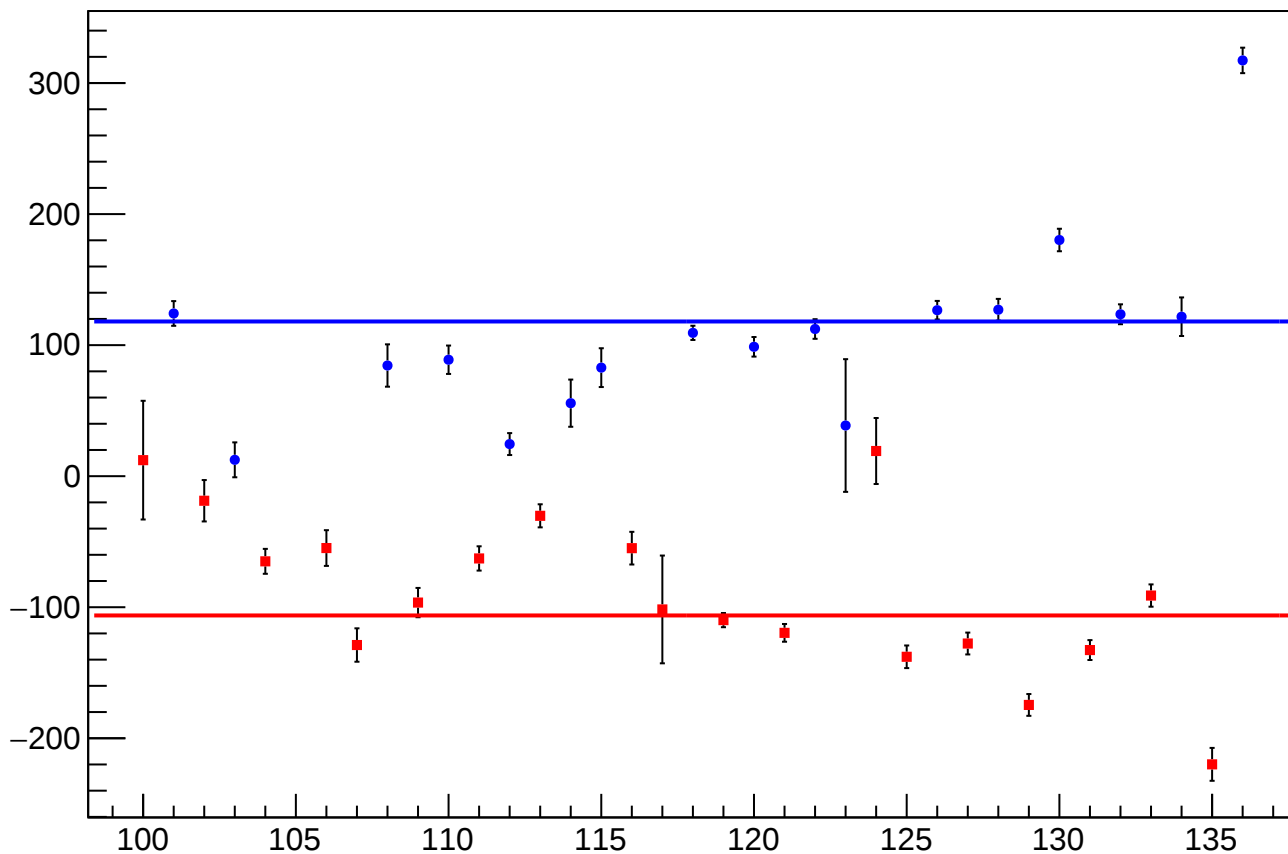
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

478.334+/-3.662 χ^2/NDF : 1628.8/16

-11.192+/-2.547 χ^2/NDF : 38408.8/35

-469.987+/-3.545 χ^2/NDF : 2164.0/18

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 118.055+/-2.225 χ^2/NDF : 705.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -106.283+/-2.214 χ^2/NDF : 401.8/18

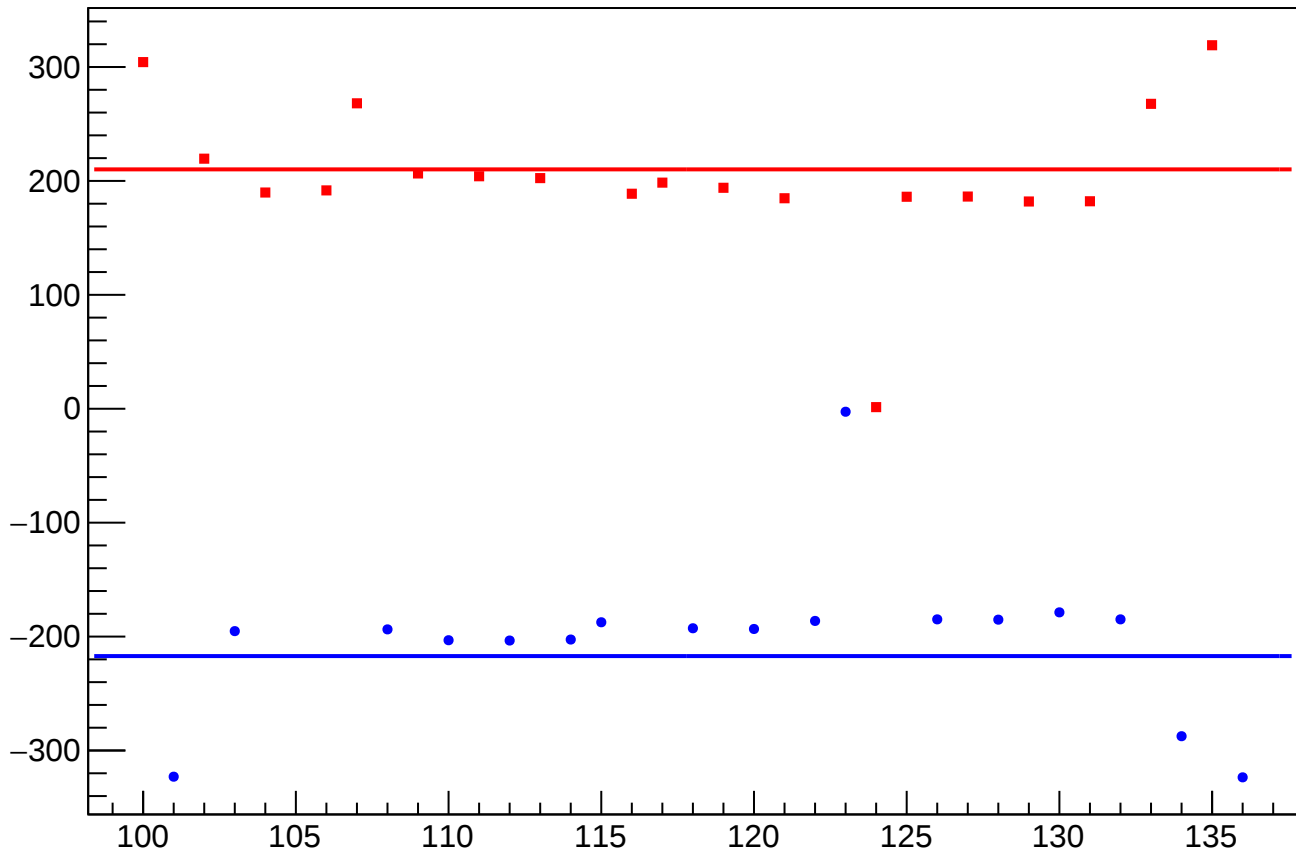
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

118.055+/-2.225 χ^2/NDF : 705.3/16

5.330+/-1.570 χ^2/NDF : 6213.7/35

-106.283+/-2.214 χ^2/NDF : 401.8/18

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -217.120+/-0.137 χ^2/NDF : 146559.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 210.134+/-0.131 χ^2/NDF : 98942.4/18

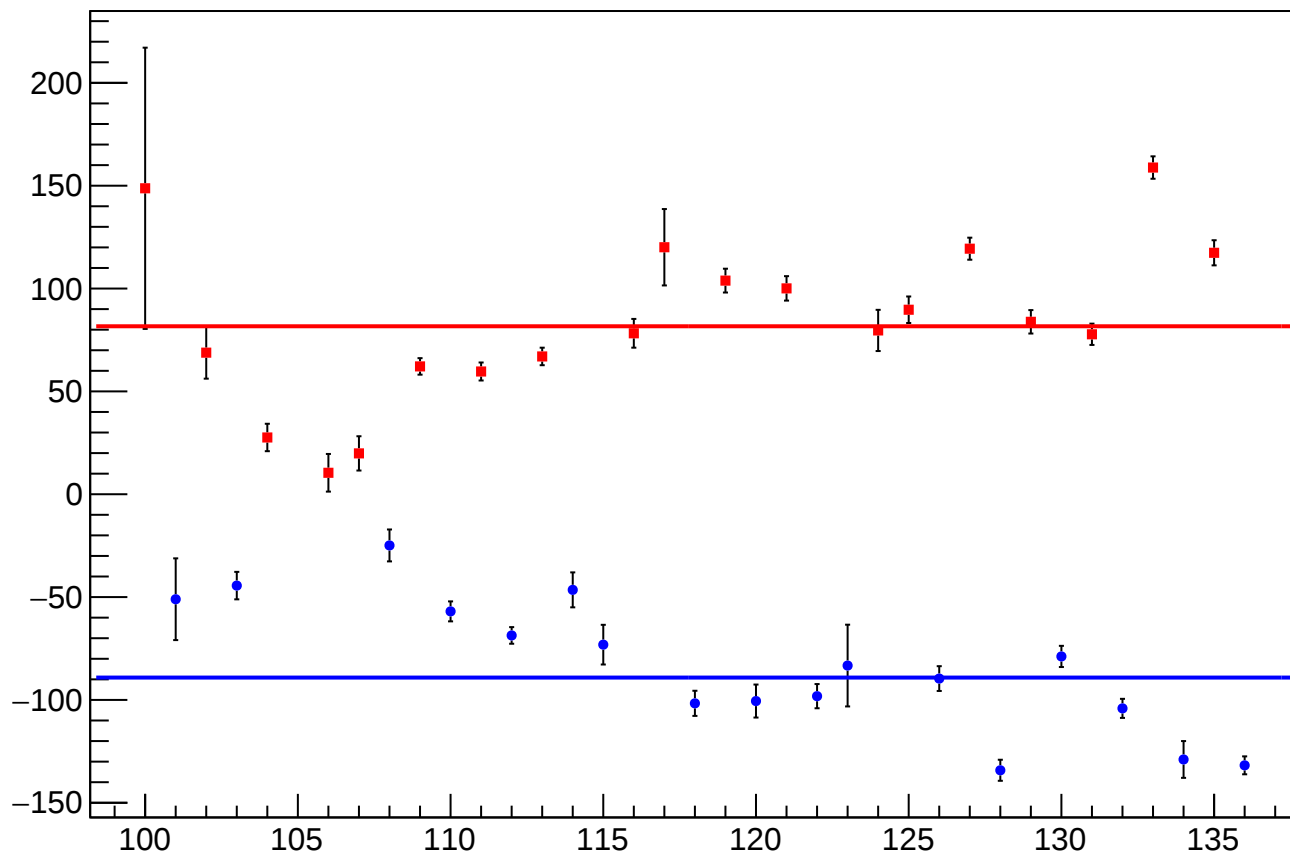
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-217.120+/-0.137 χ^2/NDF : 146559.7/16

4.598+/-0.095 χ^2/NDF : 5323954.6/35

210.134+/-0.131 χ^2/NDF : 98942.4/18

reg_asym_atr1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -89.129 ± 1.476 $\chi^2/\text{NDF}: 431.0/16$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 81.660 ± 1.409 $\chi^2/\text{NDF}: 559.7/18$

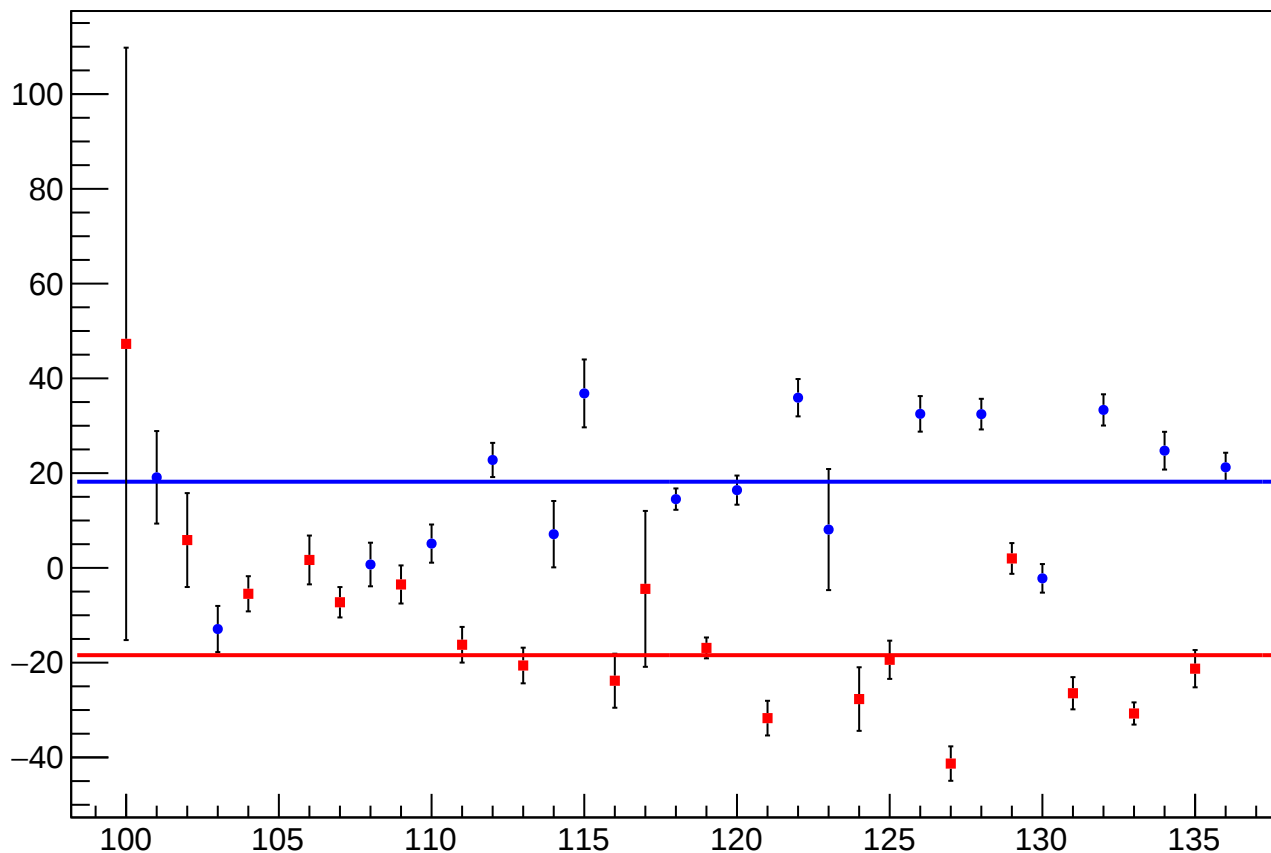
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-89.129 ± 1.476 $\chi^2/\text{NDF}: 431.0/16$

0.274 ± 1.019 $\chi^2/\text{NDF}: 7995.2/35$

81.660 ± 1.409 $\chi^2/\text{NDF}: 559.7/18$

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.188+/-0.917 χ^2 /NDF: 204.9/16

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -18.424+/-0.869 χ^2 /NDF: 191.2/18

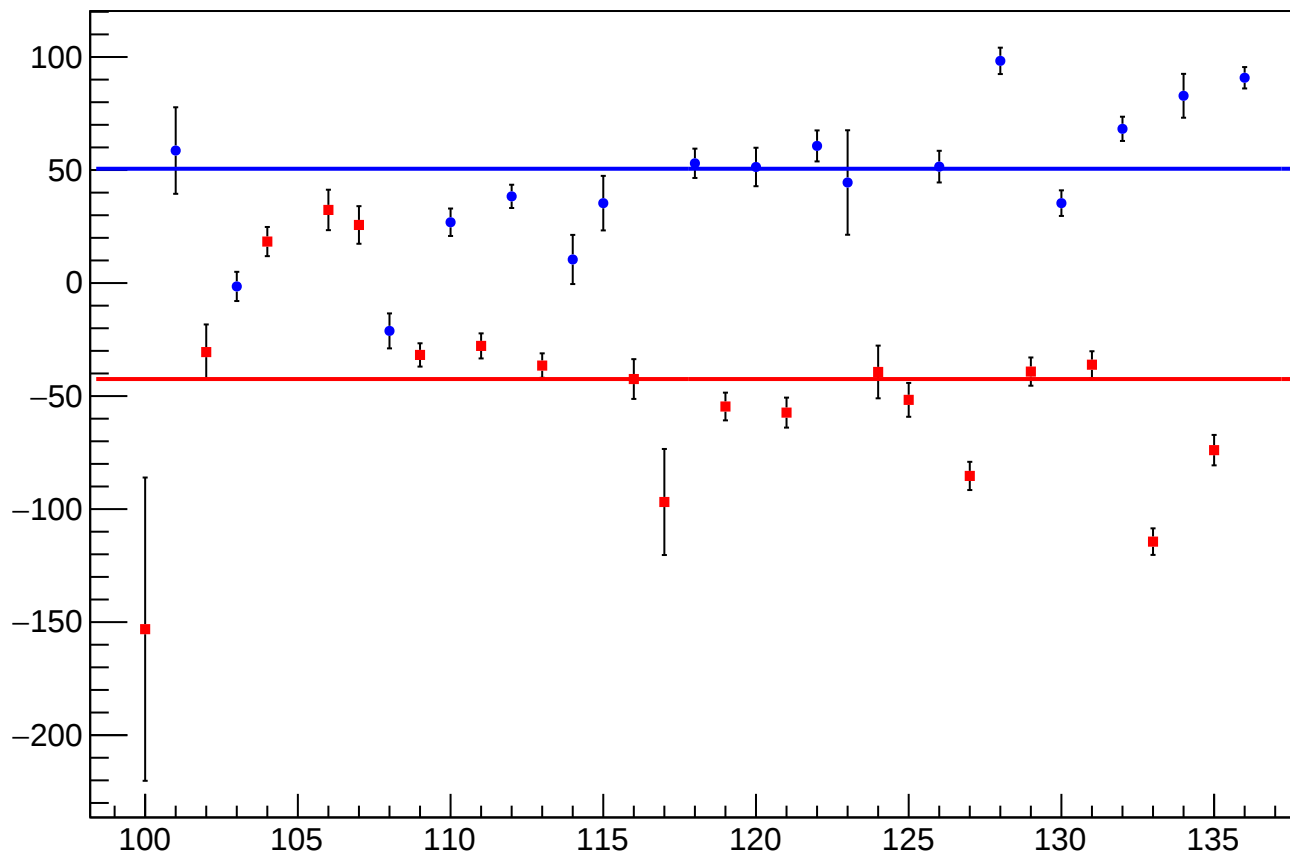
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

18.188+/-0.917 χ^2 /NDF: 204.9/16

-1.105+/-0.631 χ^2 /NDF: 1235.7/35

-18.424+/-0.869 χ^2 /NDF: 191.2/18

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.565+/-1.678 χ^2/NDF : 357.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -42.464+/-1.618 χ^2/NDF : 478.3/18

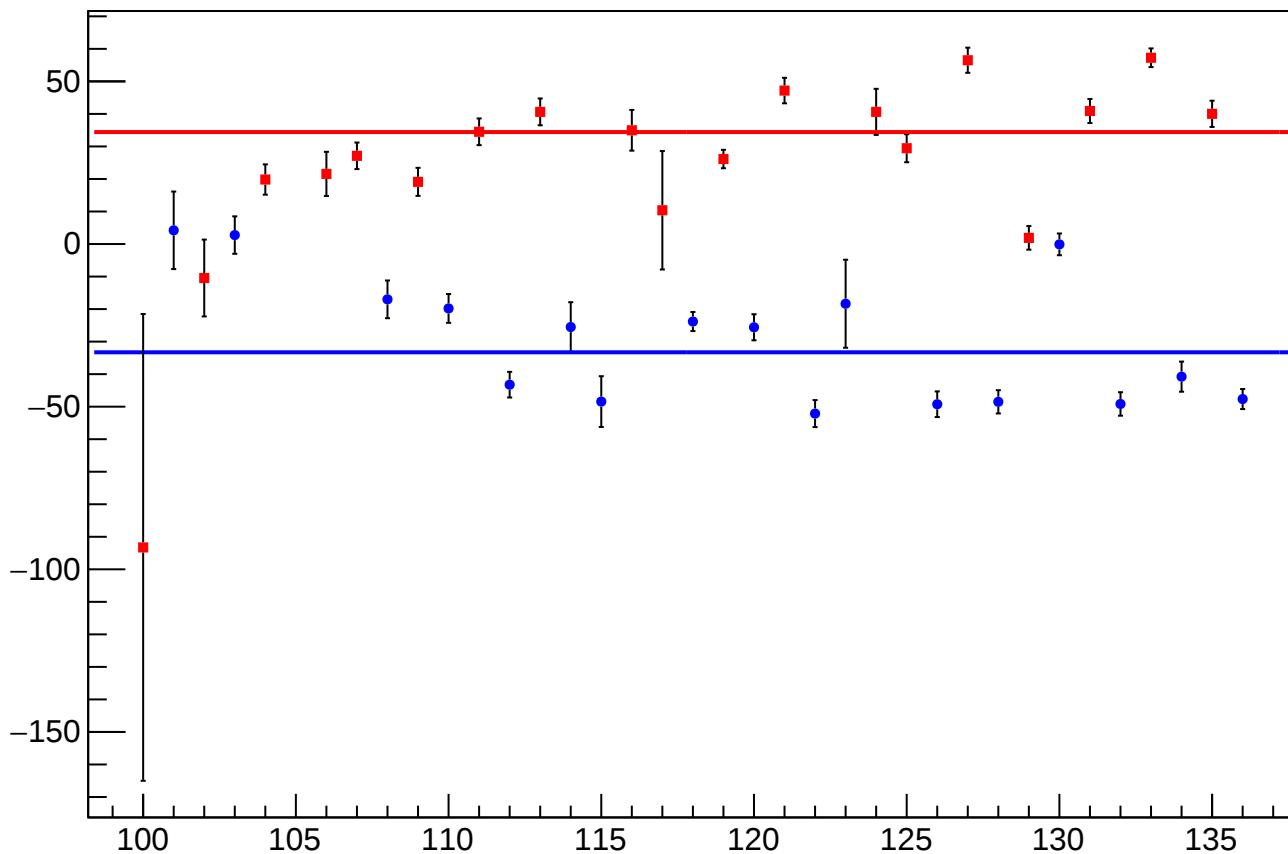
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

50.565+/-1.678 χ^2/NDF : 357.9/16

2.369+/-1.165 χ^2/NDF : 2429.4/35

-42.464+/-1.618 χ^2/NDF : 478.3/18

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281+/-1.043 χ^2/NDF : 290.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.423+/-1.001 χ^2/NDF : 253.4/18

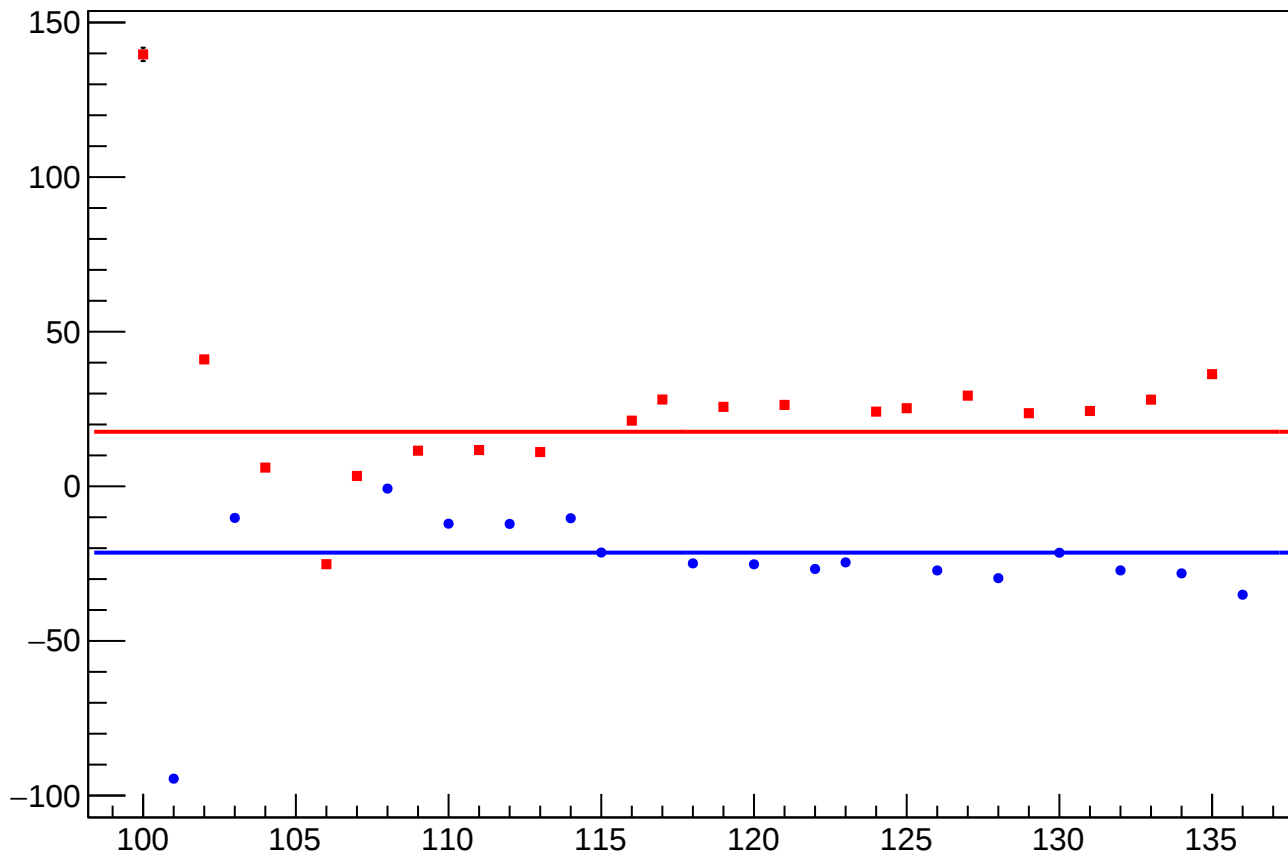
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-33.281+/-1.043 χ^2/NDF : 290.1/16

1.976+/-0.722 χ^2/NDF : 2735.7/35

34.423+/-1.001 χ^2/NDF : 253.4/18

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.442 $\pm$ 0.059 χ^2 /NDF: 48968.5/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.640 $\pm$ 0.059 χ^2 /NDF: 75556.8/18

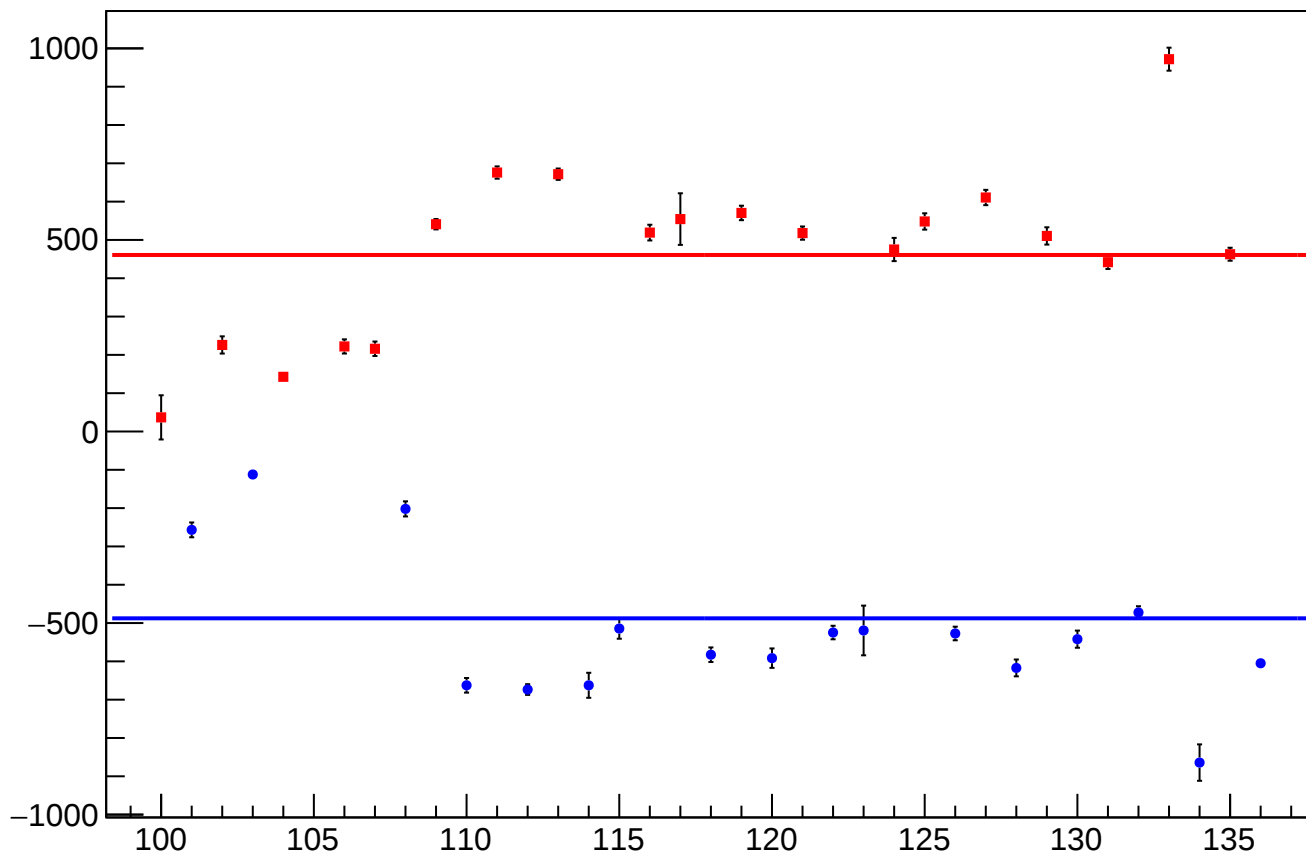
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-21.442 $\pm$ 0.059 χ^2 /NDF: 48968.5/16

-1.787 $\pm$ 0.042 χ^2 /NDF: 345862.4/35

17.640 $\pm$ 0.059 χ^2 /NDF: 75556.8/18

reg_asym_atr2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -487.691+/-4.605 χ^2/NDF : 1720.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 460.739+/-4.354 χ^2/NDF : 2007.8/18

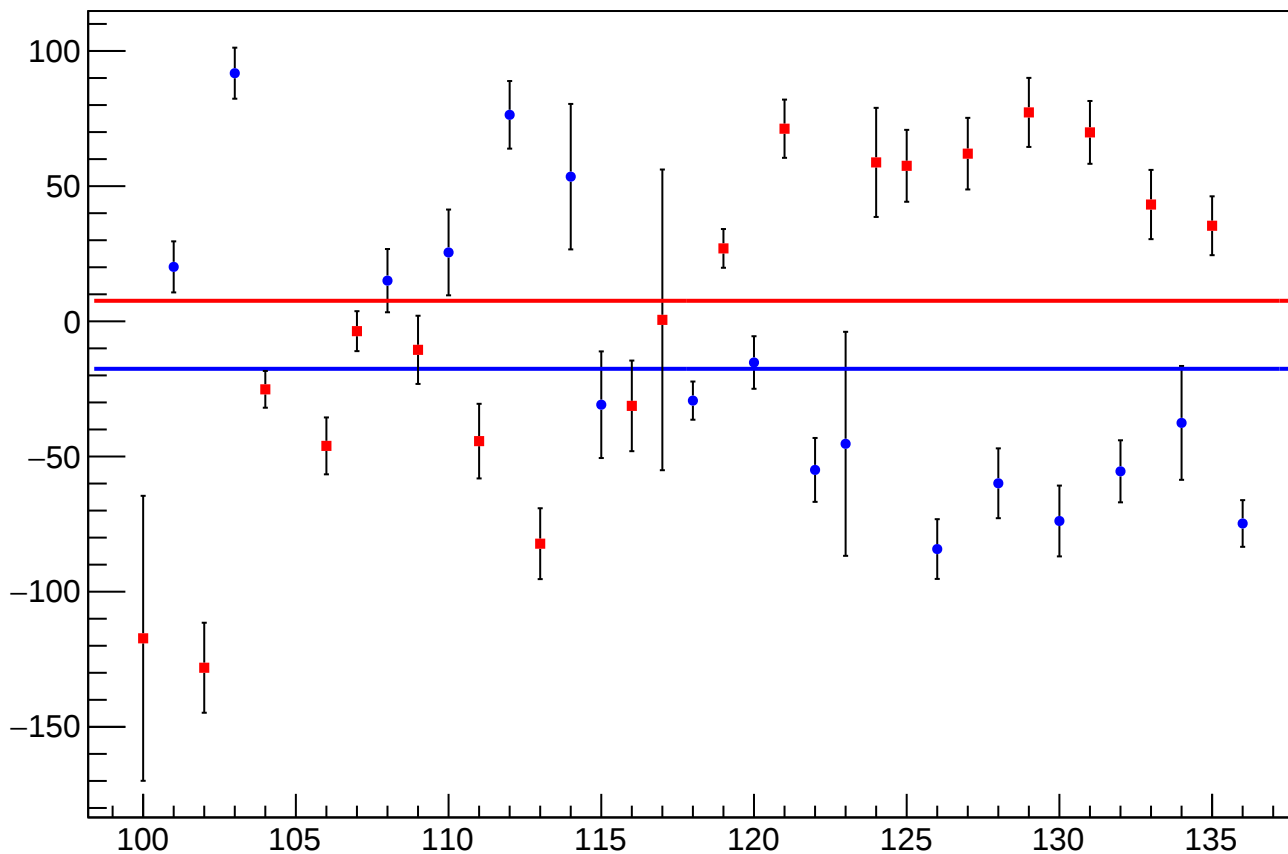
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-487.691+/-4.605 χ^2/NDF : 1720.8/16

13.073+/-3.164 χ^2/NDF : 26128.6/35

460.739+/-4.354 χ^2/NDF : 2007.8/18

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.564 ± 2.820 χ^2/NDF : 363.7/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 7.598 ± 2.633 χ^2/NDF : 344.6/18

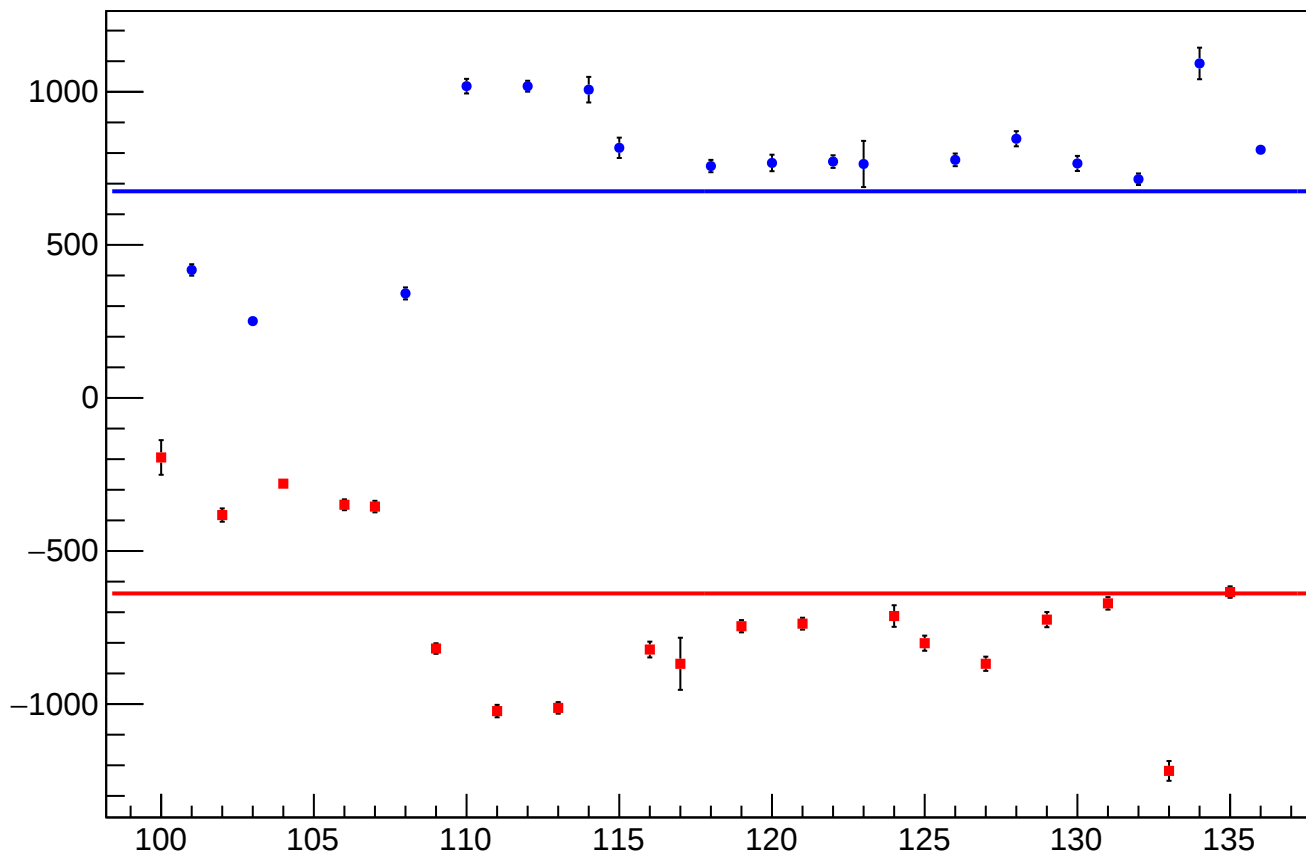
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-17.564 ± 2.820 χ^2/NDF : 363.7/16

-4.122 ± 1.925 χ^2/NDF : 750.9/35

7.598 ± 2.633 χ^2/NDF : 344.6/18

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.045+/-5.067 χ^2/NDF : 2584.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -638.623+/-4.821 χ^2/NDF : 3053.1/18

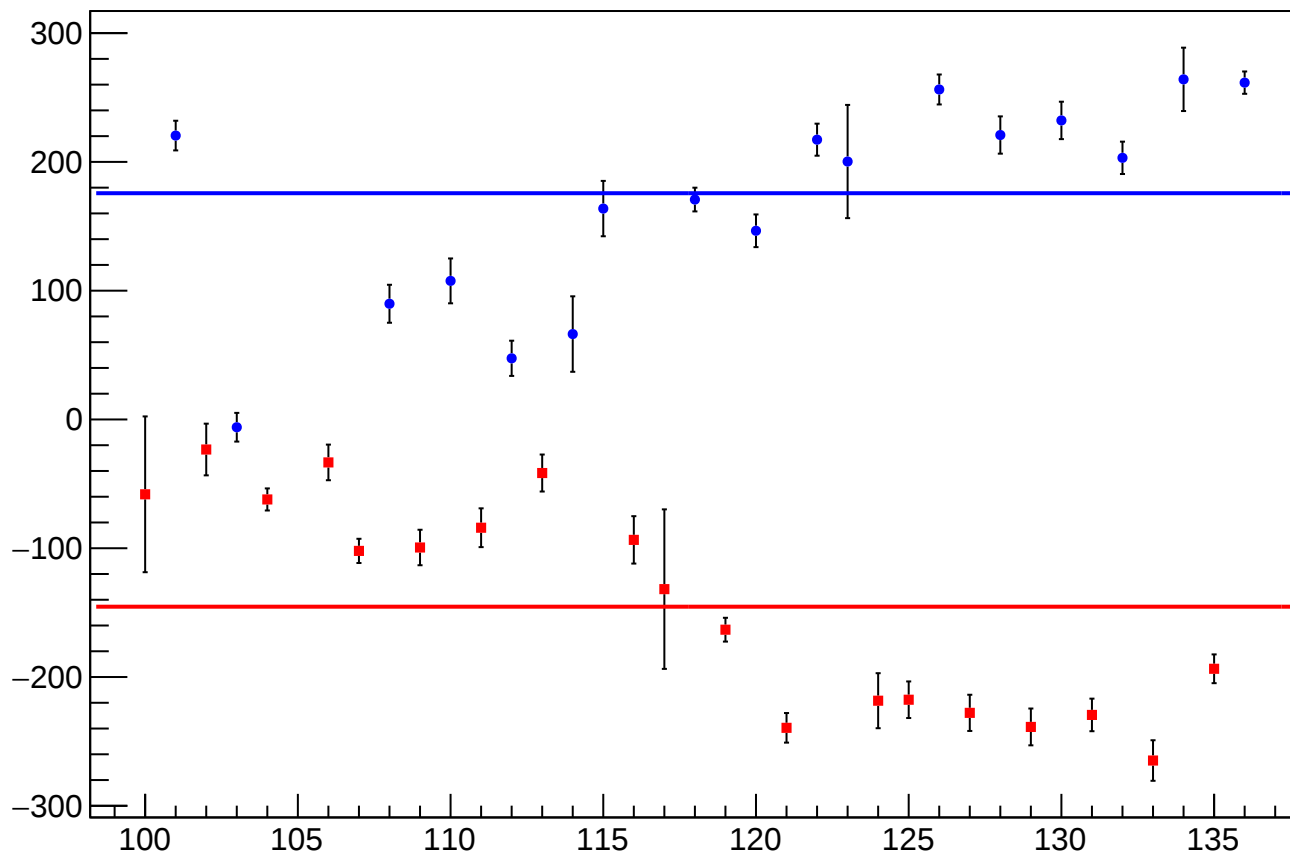
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

675.045+/-5.067 χ^2/NDF : 2584.3/16

-14.504+/-3.493 χ^2/NDF : 40914.0/35

-638.623+/-4.821 χ^2/NDF : 3053.1/18

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.686+/-3.239 χ^2/NDF : 637.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -145.388+/-3.081 χ^2/NDF : 613.9/18

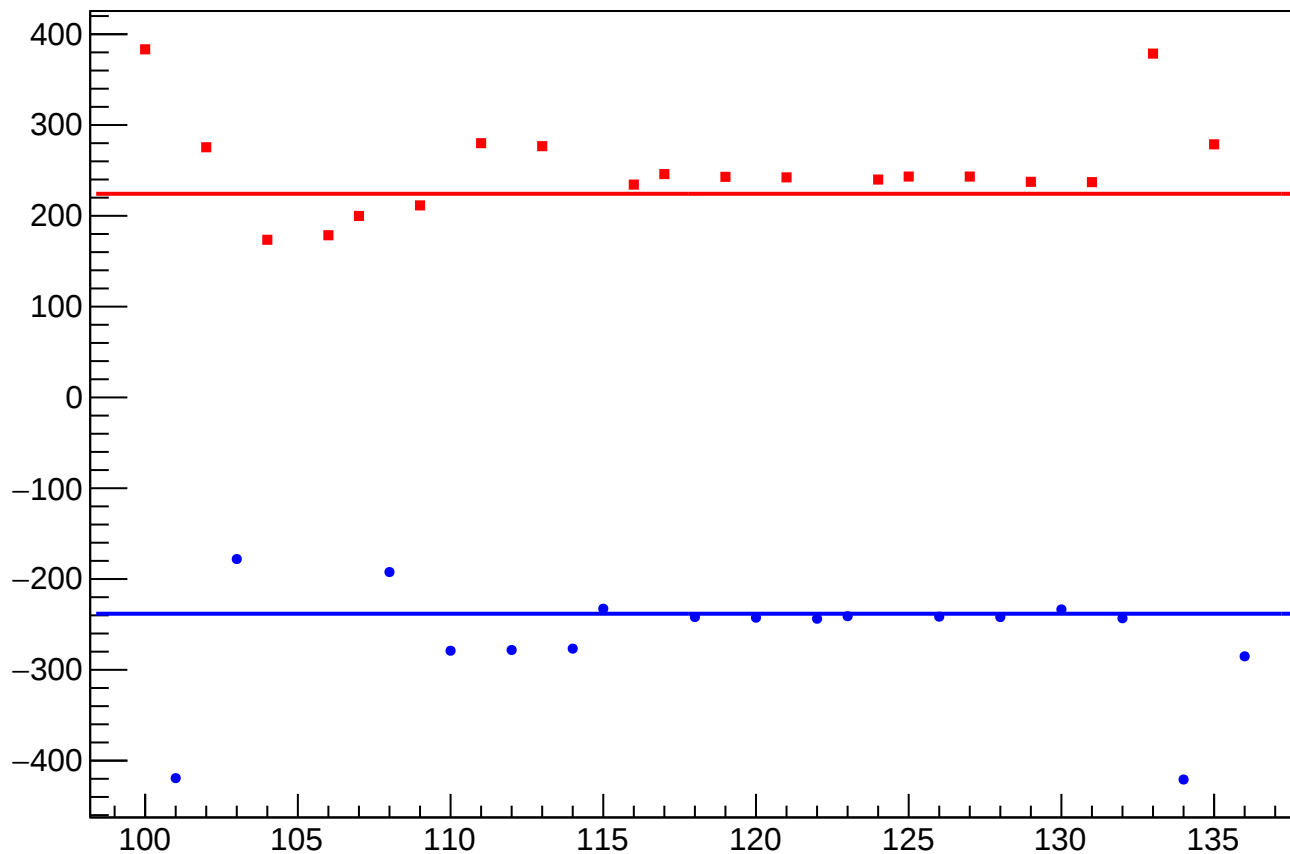
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

175.686+/-3.239 χ^2/NDF : 637.9/16

7.156+/-2.232 χ^2/NDF : 6410.5/35

-145.388+/-3.081 χ^2/NDF : 613.9/18

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217±/0.160 χ^2/NDF : 167120.0/16

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: 224.266±/0.154 χ^2/NDF : 96547.9/18

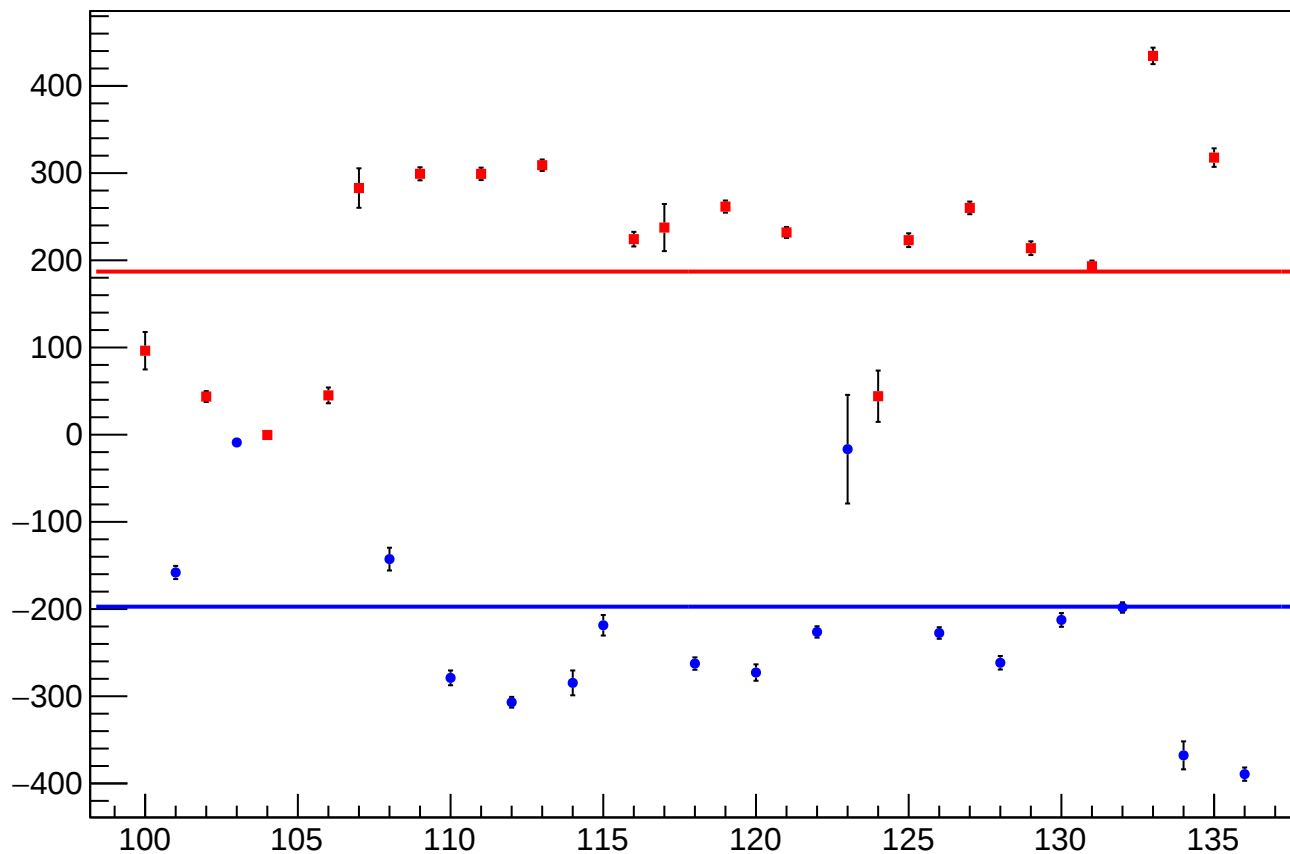
Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

-238.217±/0.160 χ^2/NDF : 167120.0/16

2.313±/0.111 χ^2/NDF : 4584292.0/35

224.266±/0.154 χ^2/NDF : 96547.9/18

reg_asym_atl_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -197.253+/-1.826 χ^2/NDF : 3823.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 187.080+/-1.770 χ^2/NDF : 4900.3/18

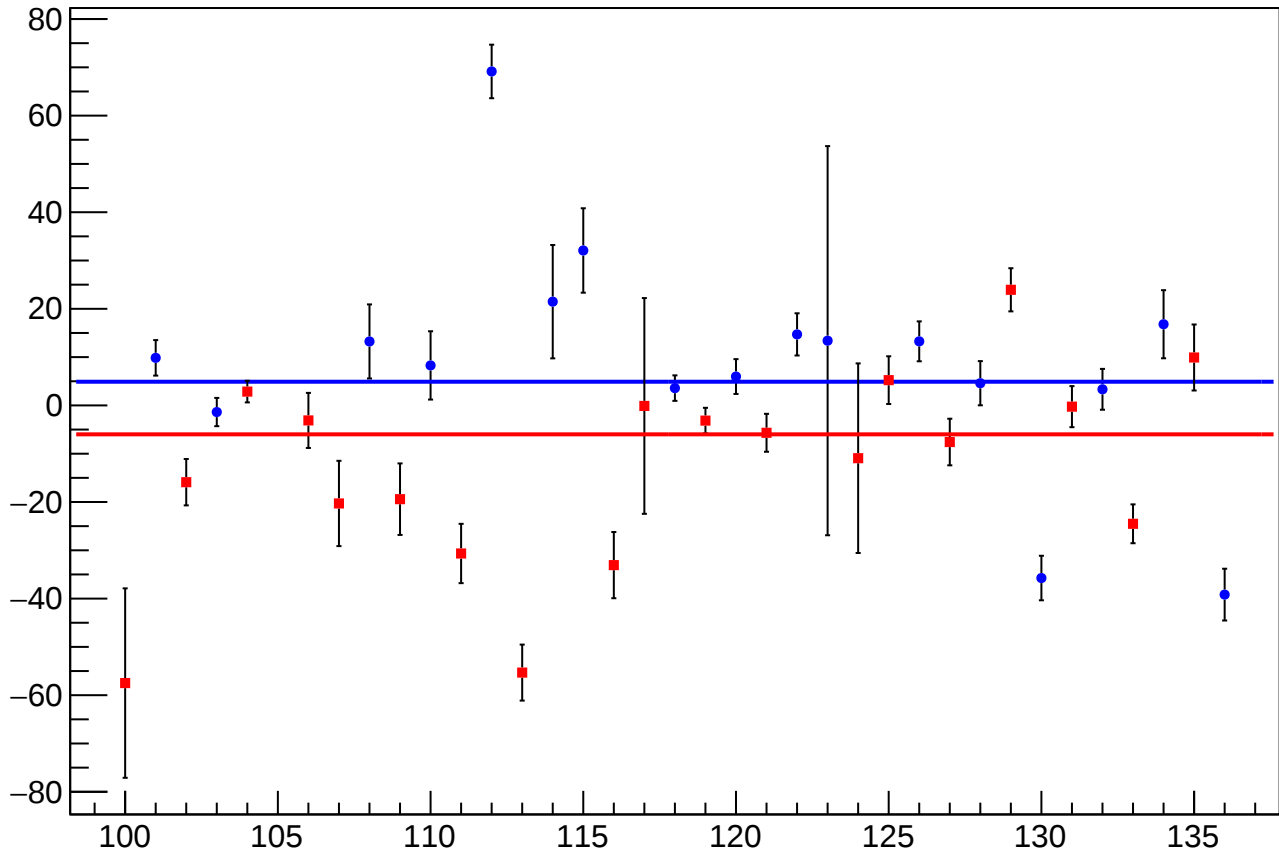
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-197.253+/-1.826 χ^2/NDF : 3823.7/16

0.904+/-1.271 χ^2/NDF : 31573.8/35

187.080+/-1.770 χ^2/NDF : 4900.3/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.990+/-1.072 χ^2/NDF : 217.0/18

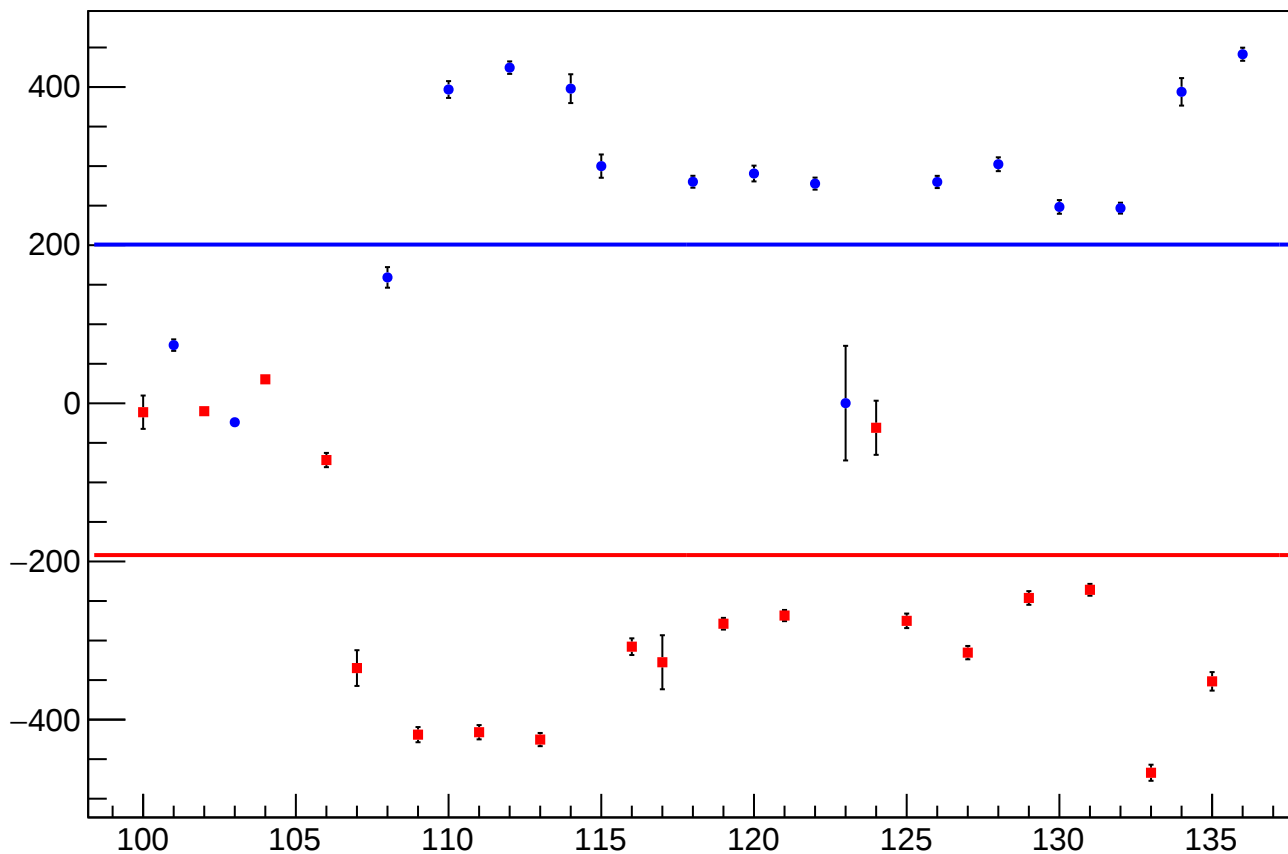
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.905+/-1.105 χ^2/NDF : 311.7/16

-0.710+/-0.770 χ^2/NDF : 578.7/35

-5.990+/-1.072 χ^2/NDF : 217.0/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -191.918+/-1.932 χ^2/NDF : 7991.8/18

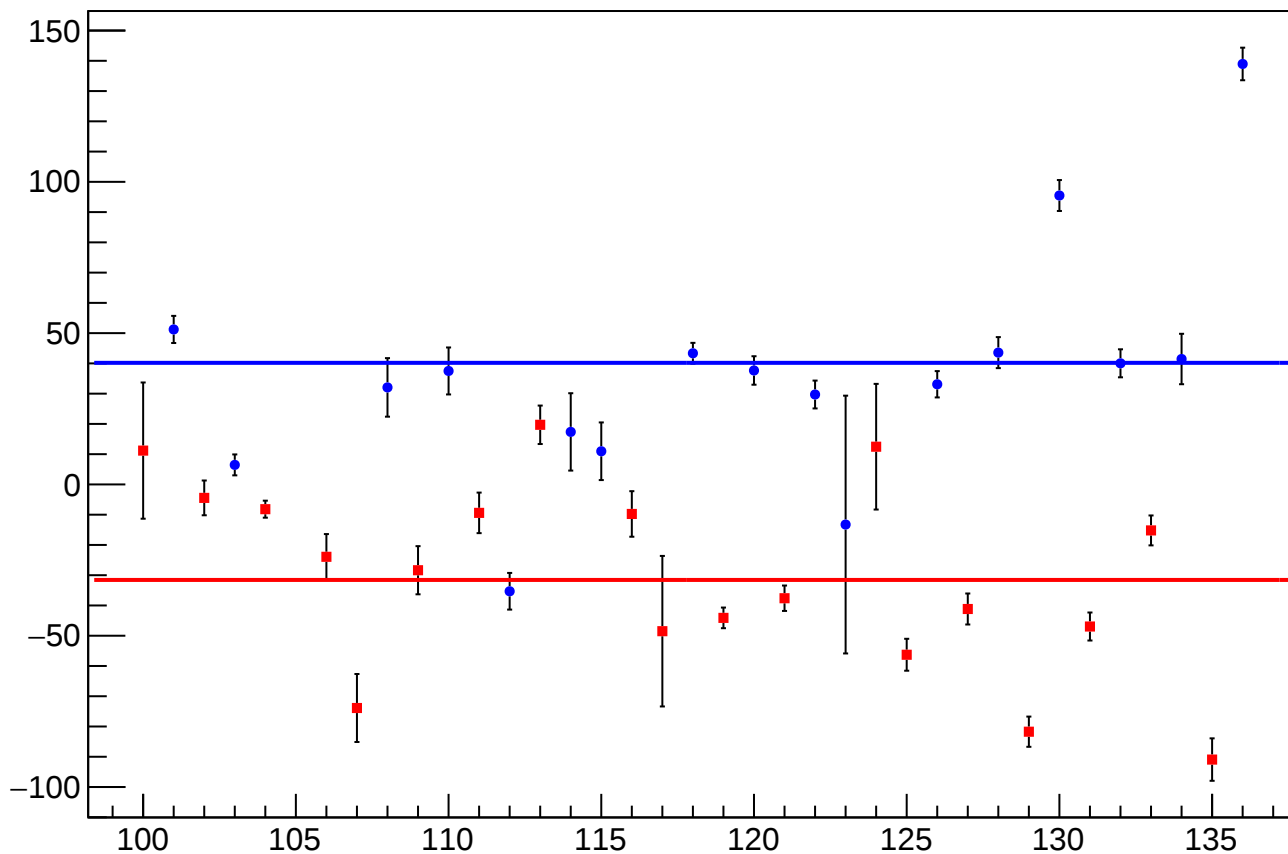
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

200.773+/-1.983 χ^2/NDF : 6733.0/16

-0.724+/-1.384 χ^2/NDF : 34842.5/35

-191.918+/-1.932 χ^2/NDF : 7991.8/18

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: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -31.564+/-1.256 χ^2 /NDF: 435.5/18

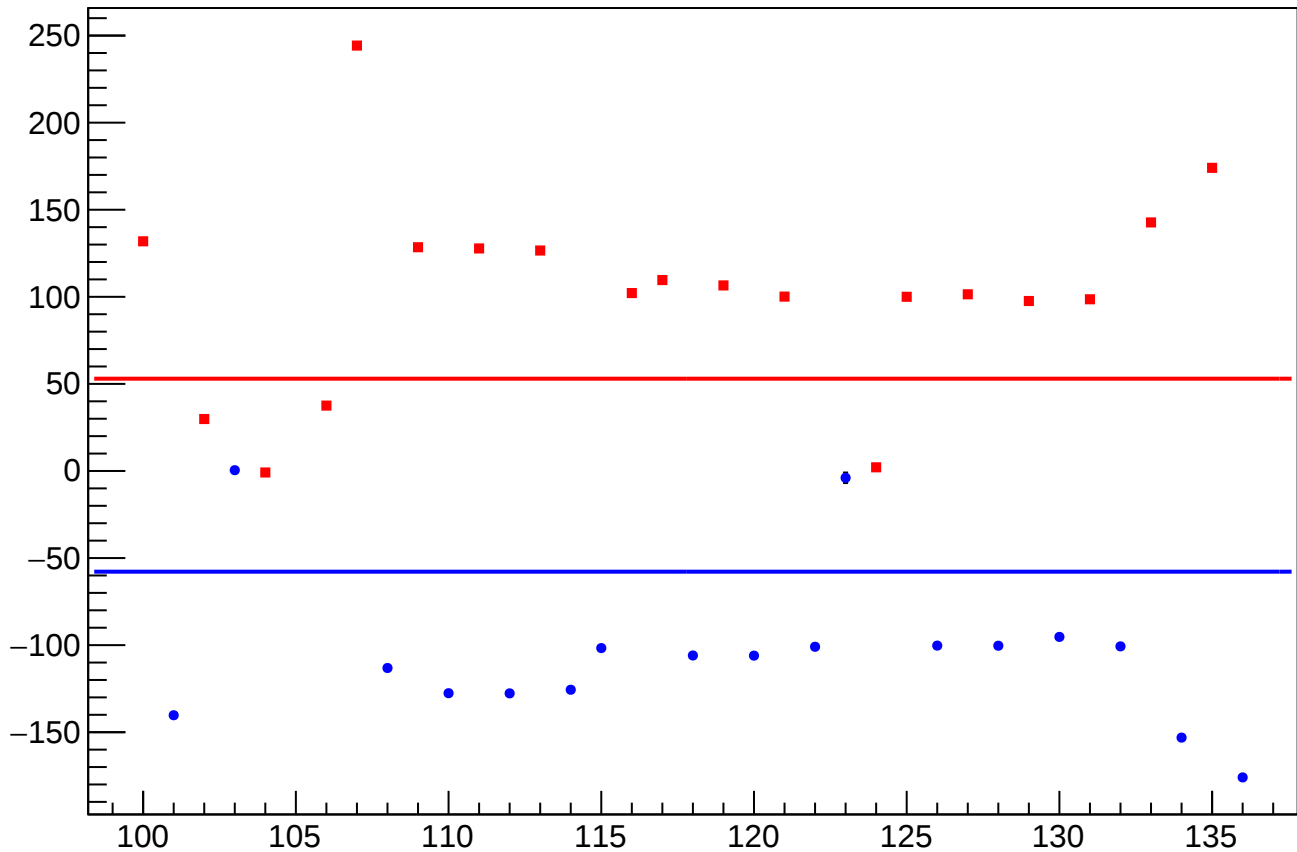
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

40.185+/-1.283 χ^2 /NDF: 734.6/16

3.550+/-0.898 χ^2 /NDF: 2766.5/35

-31.564+/-1.256 χ^2 /NDF: 435.5/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.986+/-0.061 χ^2/NDF : 937001.9/18

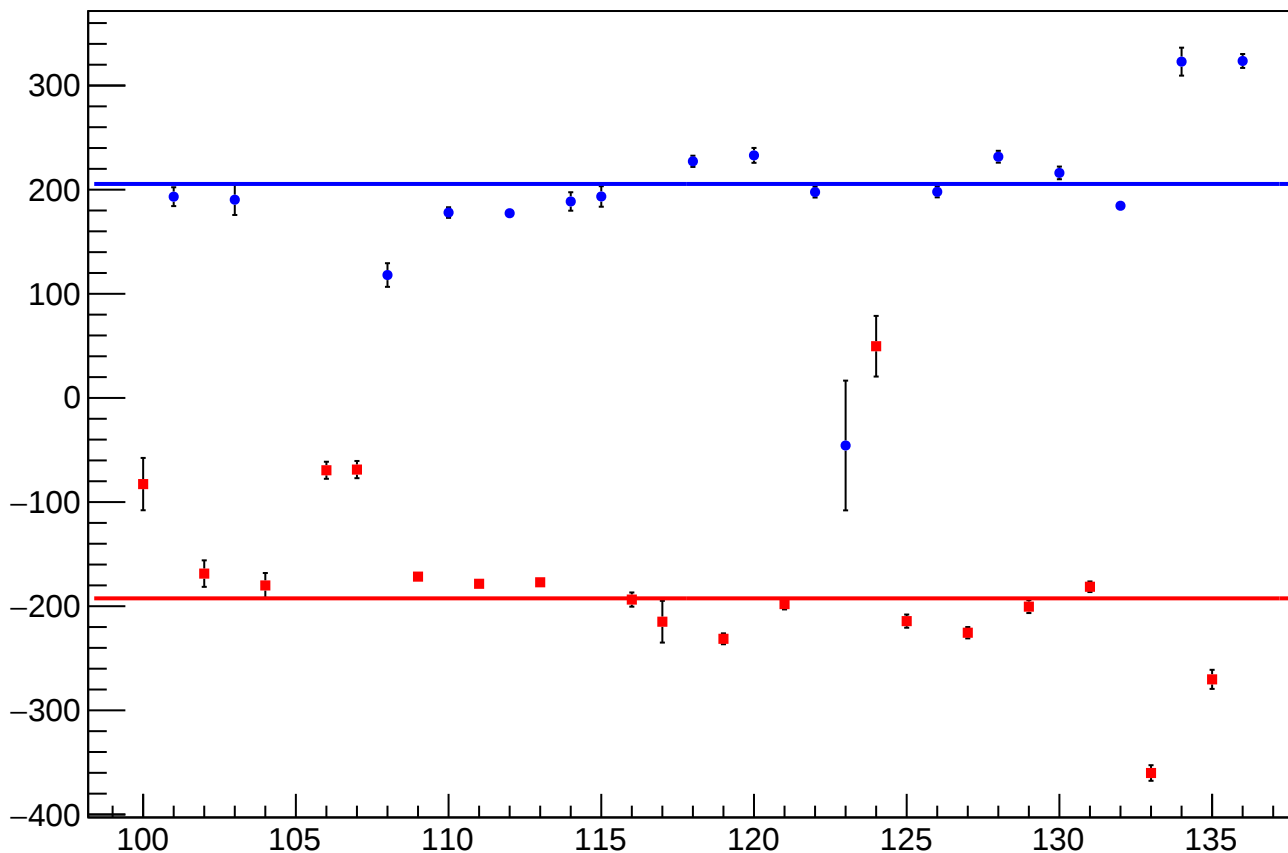
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-57.821+/-0.062 χ^2/NDF : 1101296.2/16

-1.398+/-0.043 χ^2/NDF : 3675922.0/35

52.986+/-0.061 χ^2/NDF : 937001.9/18

reg_asym_atl_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 205.494 $\pm$ 1.565 χ^2 /NDF: 633.0/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -192.454 $\pm$ 1.474 χ^2 /NDF: 1276.5/18

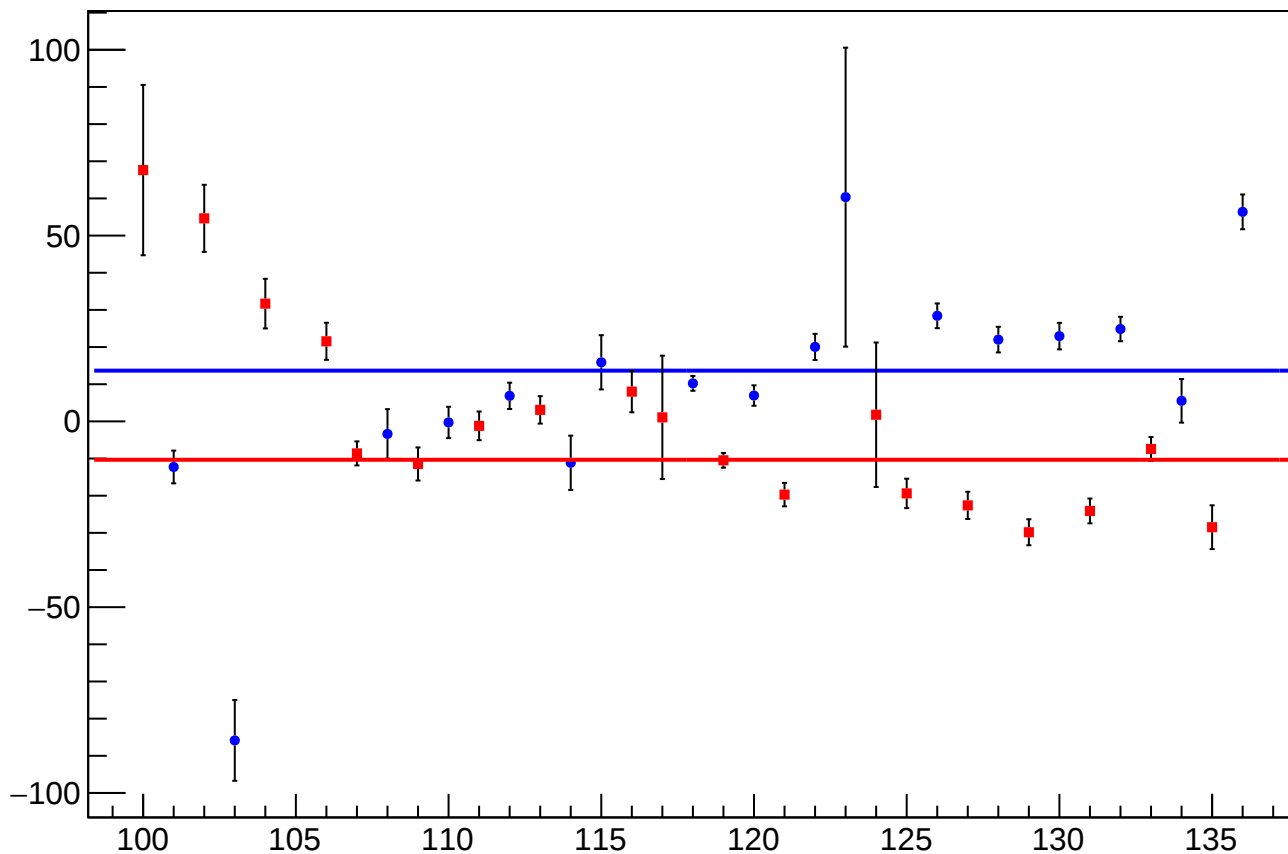
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

205.494 $\pm$ 1.565 χ^2 /NDF: 633.0/16

-5.338 $\pm$ 1.073 χ^2 /NDF: 36170.9/35

-192.454 $\pm$ 1.474 χ^2 /NDF: 1276.5/18

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -10.334 $\pm$ 0.916 χ^2 /NDF: 258.4/18

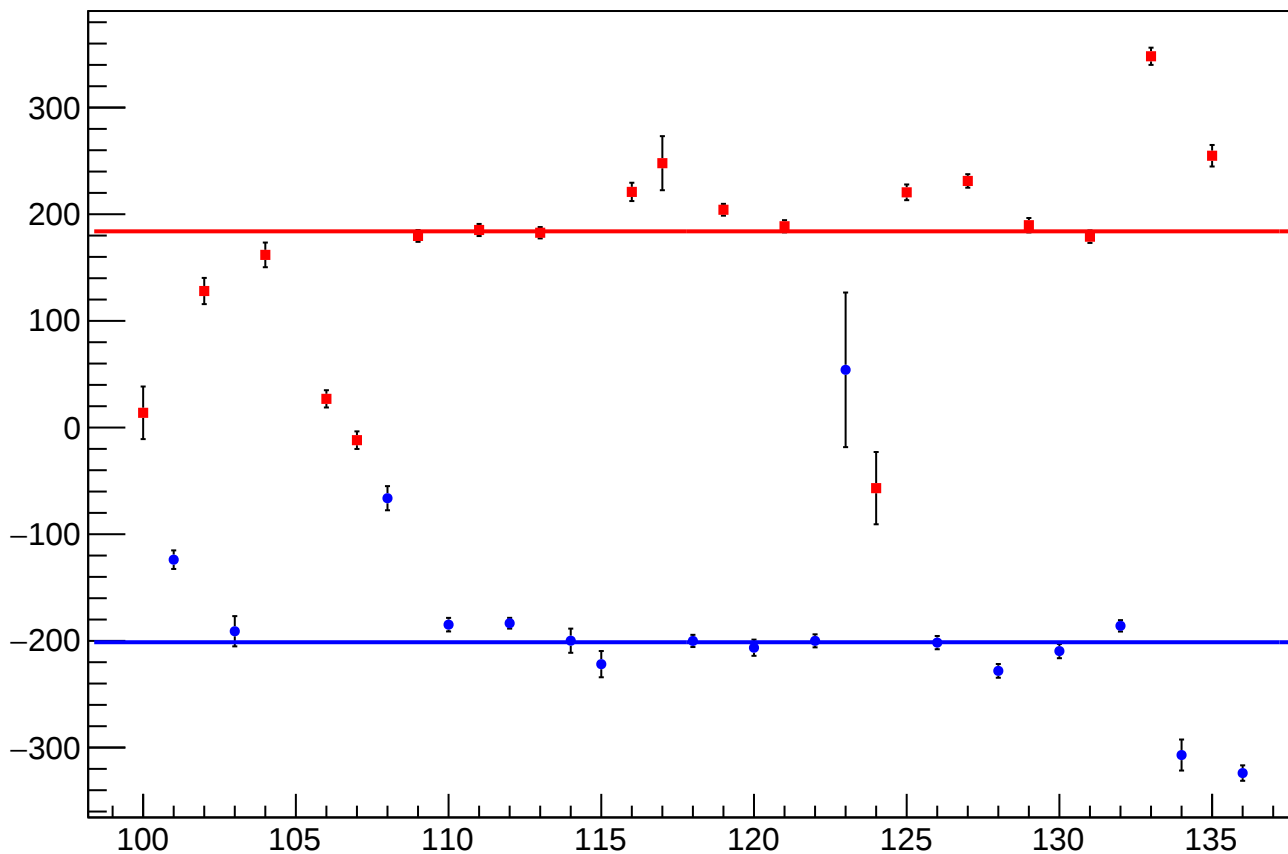
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

13.652 $\pm$ 0.936 χ^2 /NDF: 294.0/16

1.395 $\pm$ 0.655 χ^2 /NDF: 887.9/35

-10.334 $\pm$ 0.916 χ^2 /NDF: 258.4/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 183.955+/-1.706 χ^2/NDF : 1647.4/18

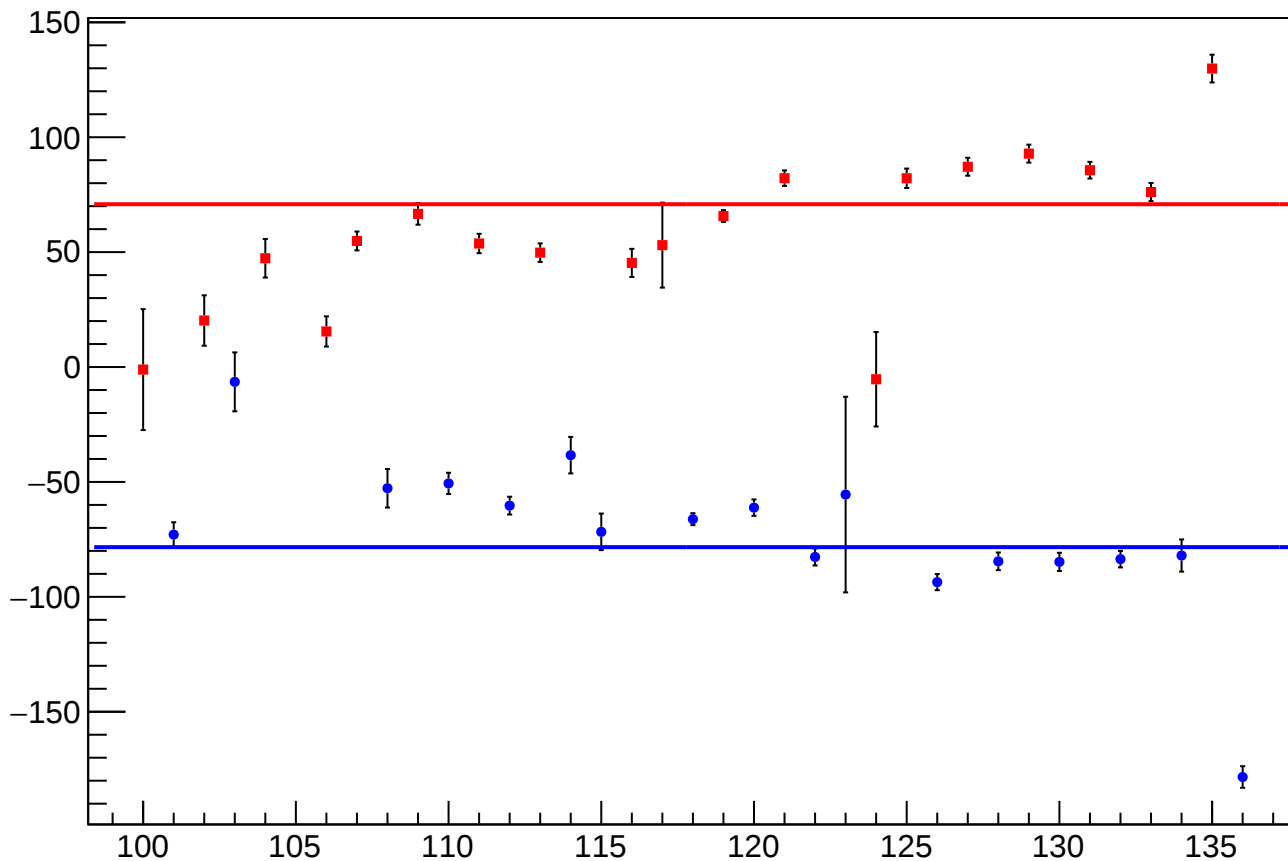
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-201.266+/-1.795 χ^2/NDF : 623.4/16

1.192+/-1.237 χ^2/NDF : 26466.6/35

183.955+/-1.706 χ^2/NDF : 1647.4/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.839+/-1.056 χ^2/NDF : 384.7/18

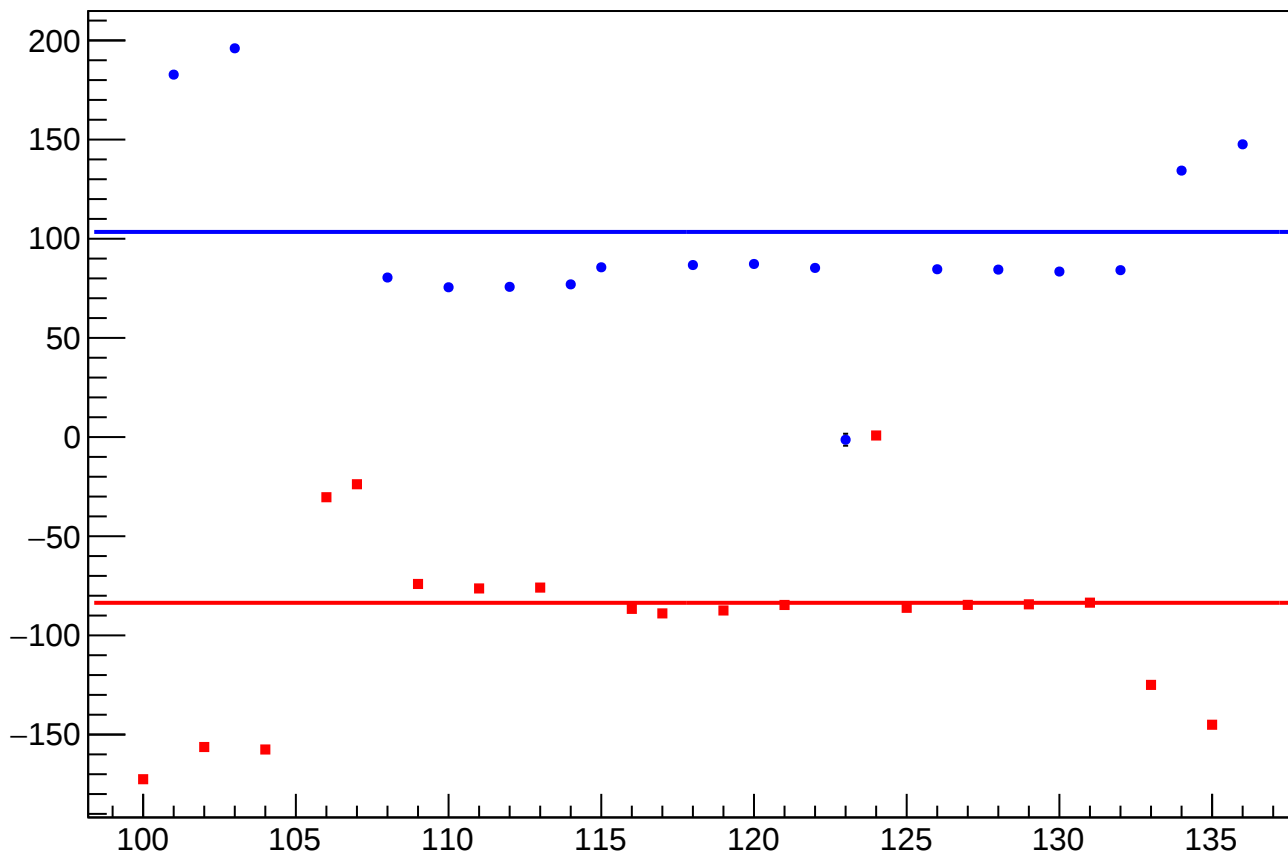
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-78.376+/-1.081 χ^2/NDF : 651.4/16

-1.989+/-0.755 χ^2/NDF : 10783.5/35

70.839+/-1.056 χ^2/NDF : 384.7/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -83.574+/-0.064 χ^2/NDF : 399952.9/18

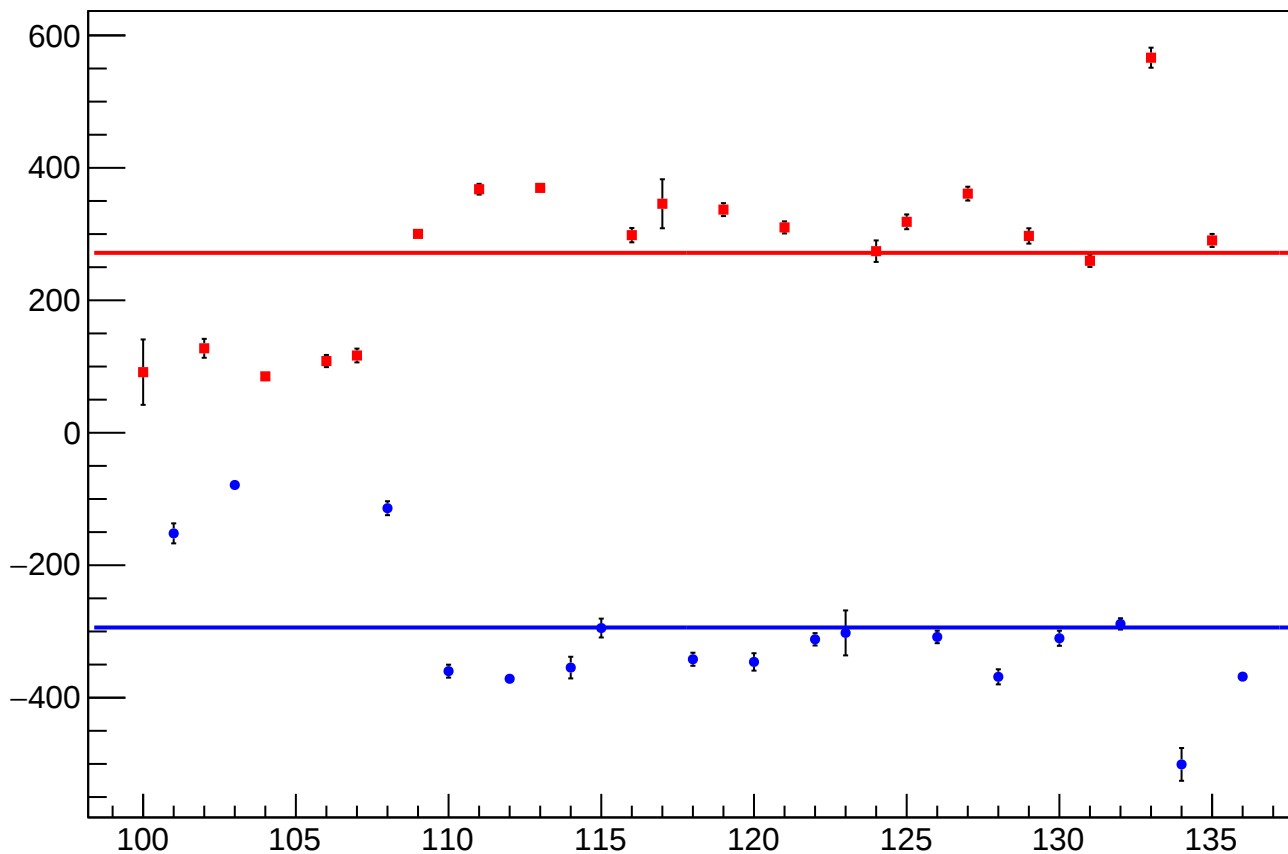
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

103.436+/-0.071 χ^2/NDF : 272785.6/16

1.009+/-0.048 χ^2/NDF : 4485690.7/35

-83.574+/-0.064 χ^2/NDF : 399952.9/18

reg_asym_atr_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -293.996+/-2.498 χ^2 /NDF: 1648.7/16

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 271.664+/-2.320 χ^2 /NDF: 2231.7/18

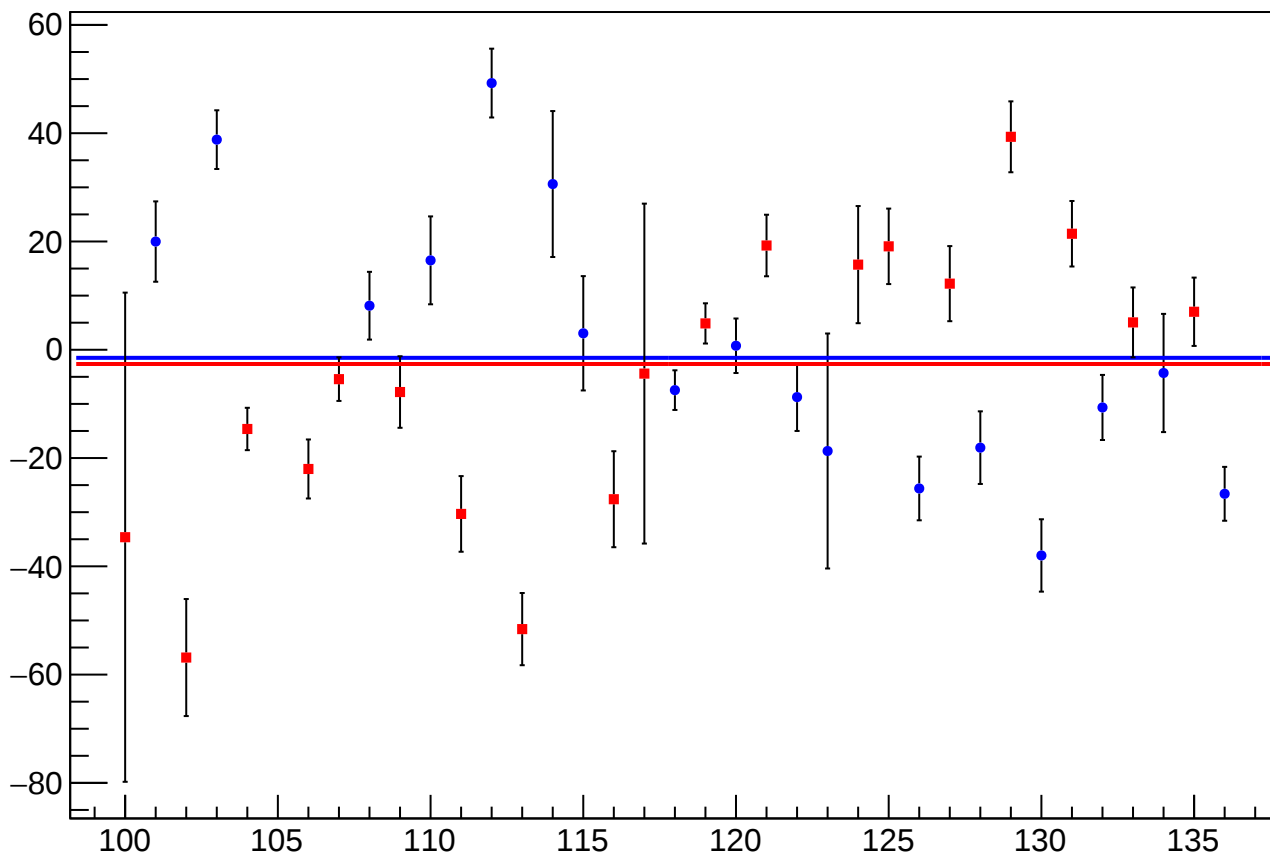
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-293.996+/-2.498 χ^2 /NDF: 1648.7/16

9.681+/-1.700 χ^2 /NDF: 31411.2/35

271.664+/-2.320 χ^2 /NDF: 2231.7/18

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: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.630+/-1.411 χ^2 /NDF: 223.1/18

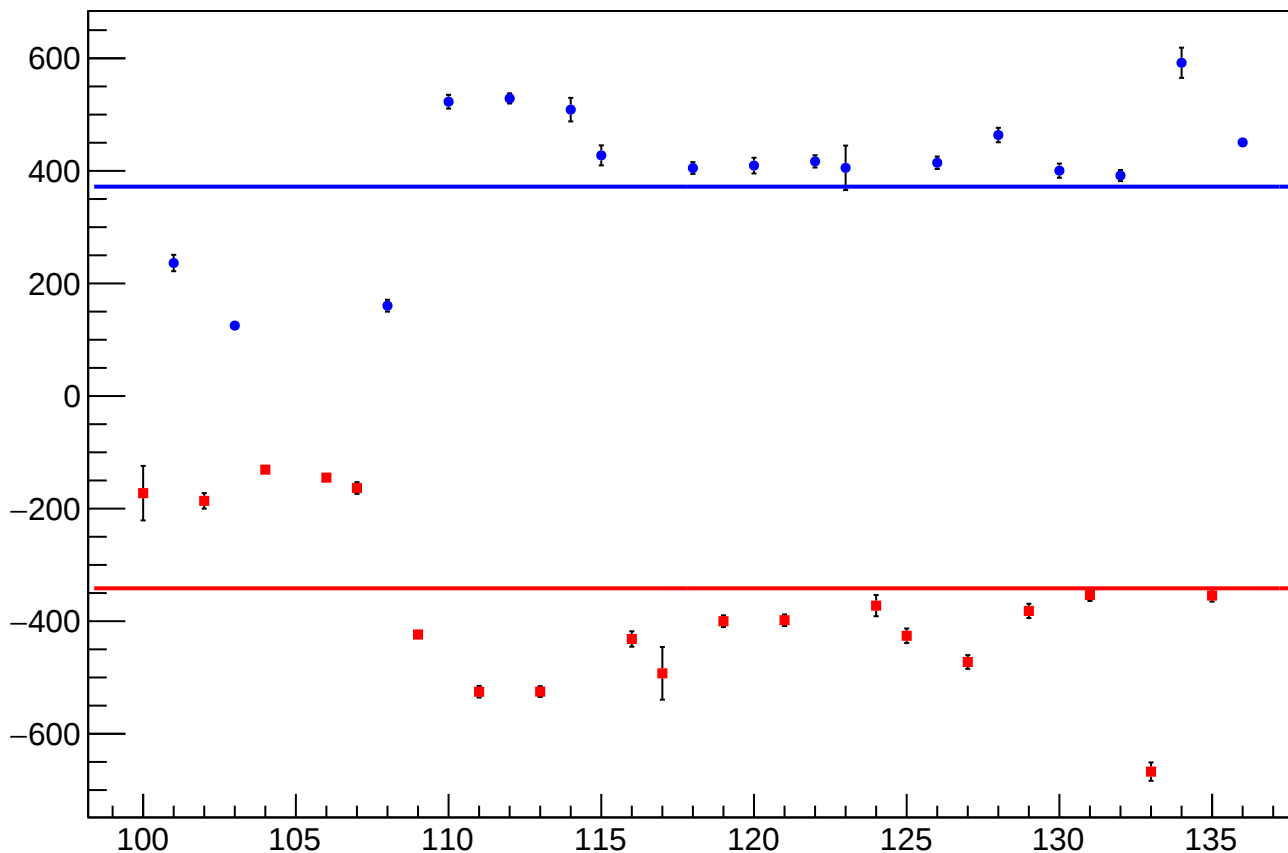
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.490+/-1.536 χ^2 /NDF: 226.0/16

-2.108+/-1.039 χ^2 /NDF: 449.4/35

-2.630+/-1.411 χ^2 /NDF: 223.1/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -341.590+/-2.589 χ^2/NDF : 3328.6/18

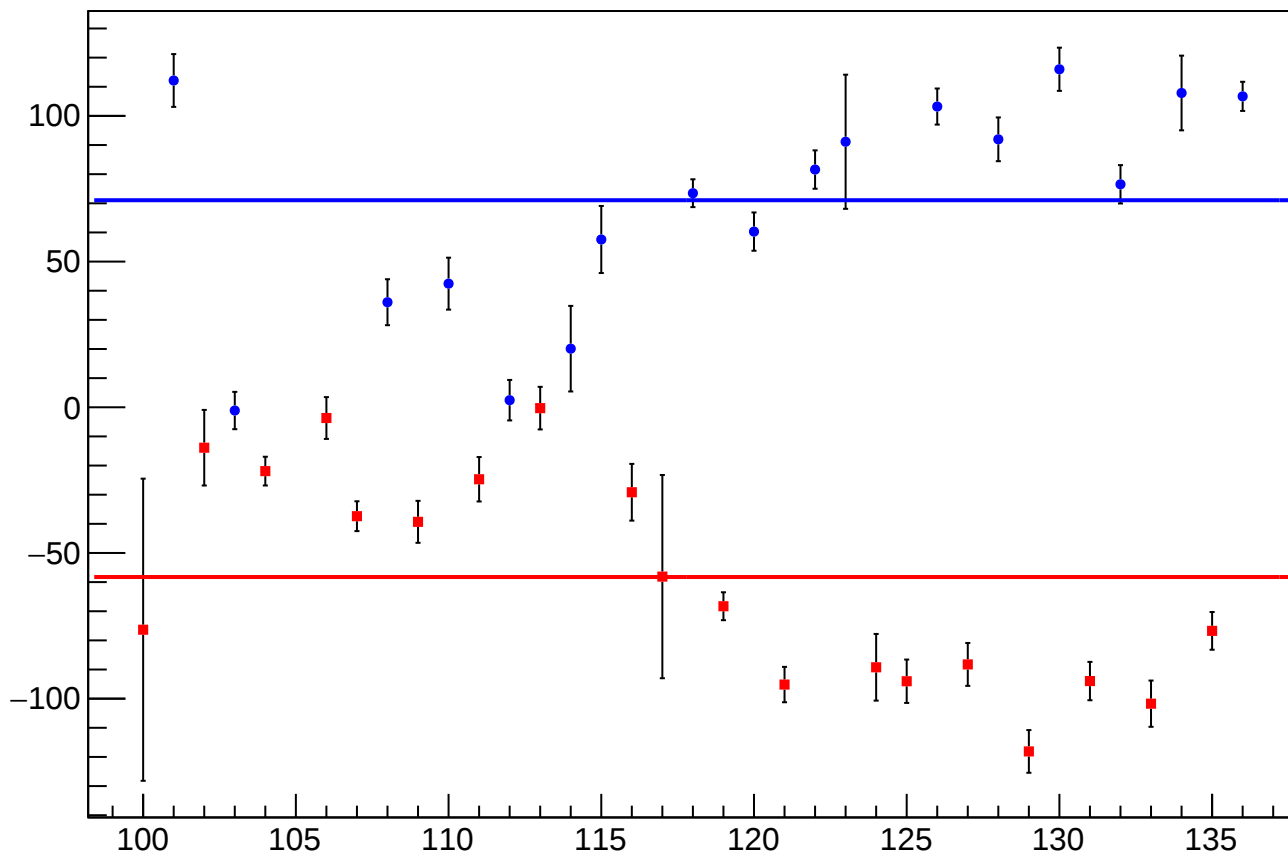
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

371.975+/-2.778 χ^2/NDF : 2432.6/16

-9.891+/-1.894 χ^2/NDF : 41078.3/35

-341.590+/-2.589 χ^2/NDF : 3328.6/18

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 71.056+/-1.764 χ^2 /NDF: 426.2/16

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -58.252+/-1.649 χ^2 /NDF: 461.5/18

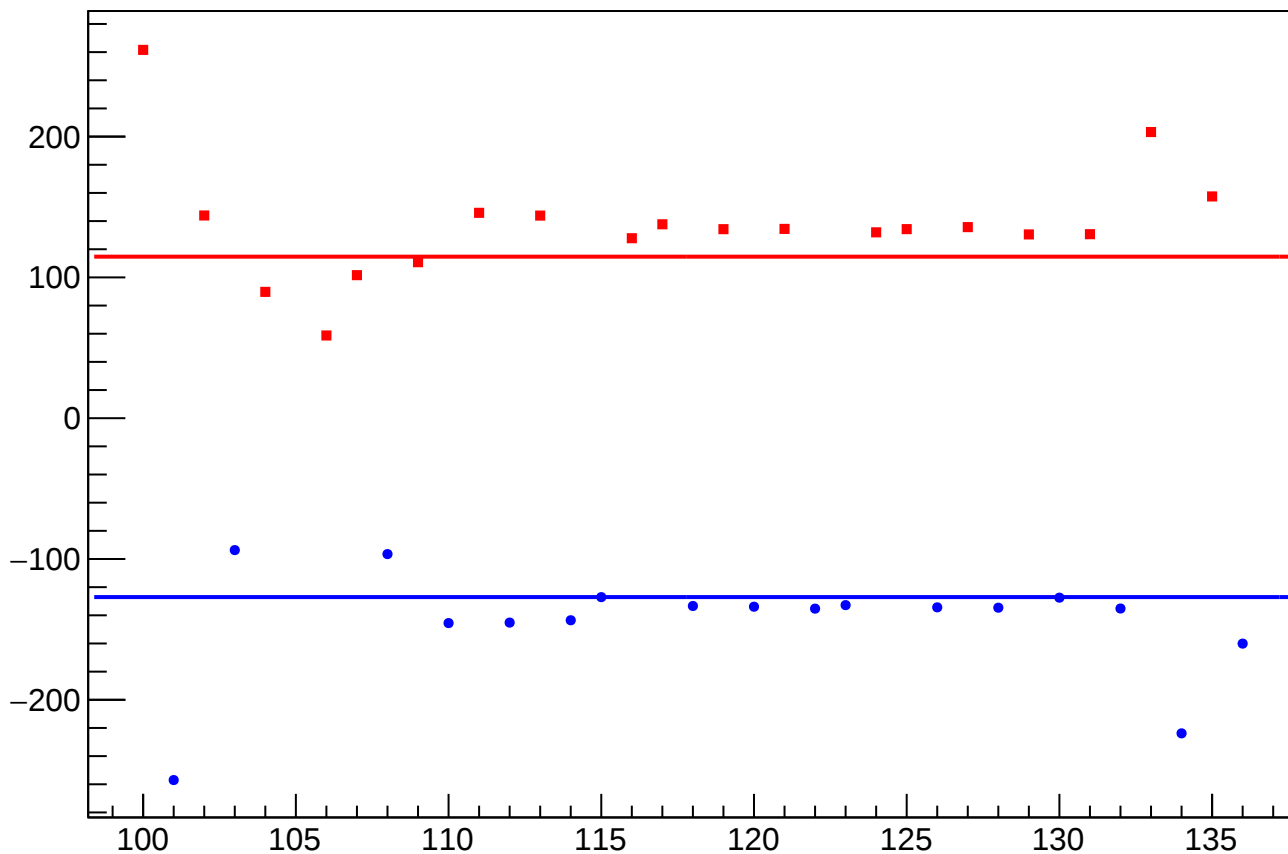
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

71.056+/-1.764 χ^2 /NDF: 426.2/16

2.034+/-1.205 χ^2 /NDF: 3755.7/35

-58.252+/-1.649 χ^2 /NDF: 461.5/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.729+/-0.084 χ^2/NDF : 156718.4/18

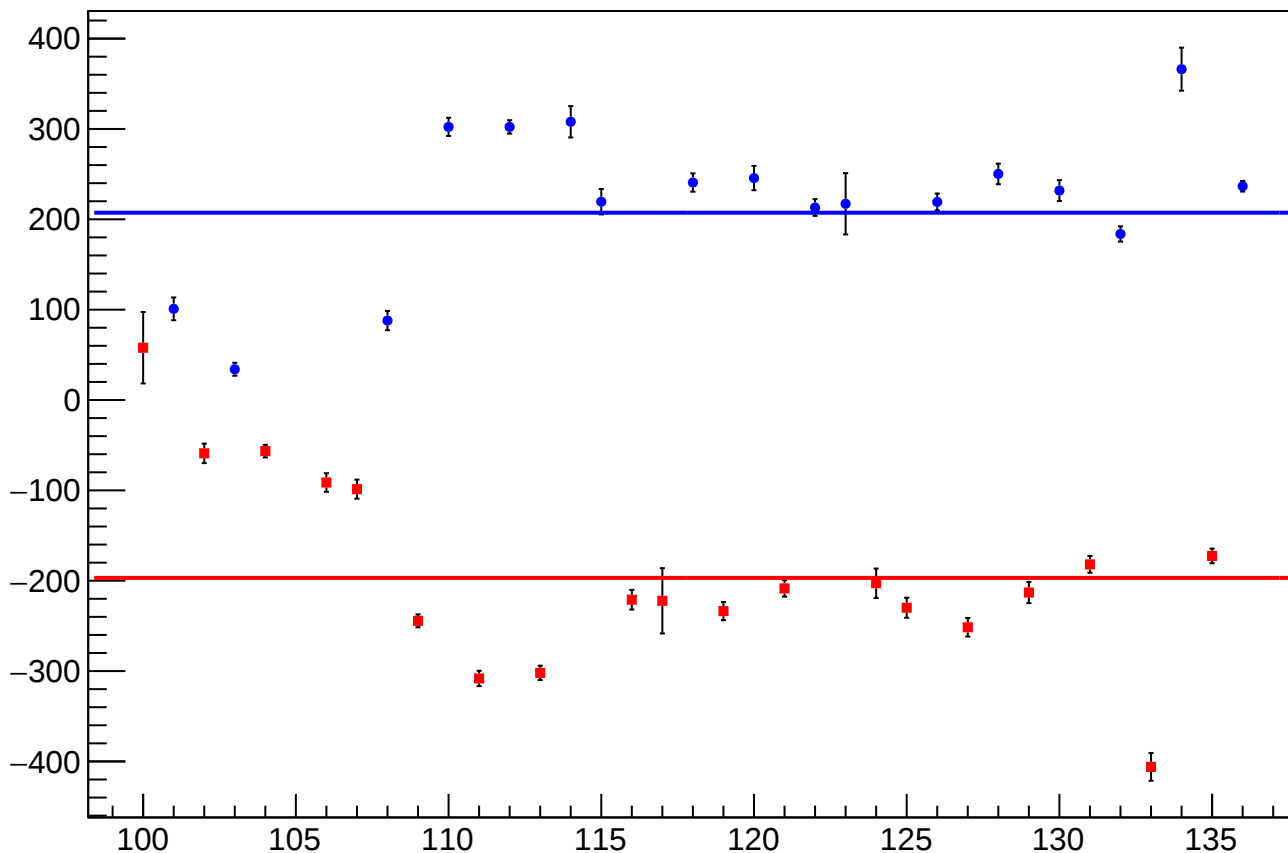
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-127.049+/-0.090 χ^2/NDF : 167014.4/16

1.329+/-0.061 χ^2/NDF : 4174721.4/35

114.729+/-0.084 χ^2/NDF : 156718.4/18

reg_asym_atr_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 207.310 $\pm$ 2.428 χ^2 /NDF: 1181.6/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -196.864 $\pm$ 2.307 χ^2 /NDF: 1445.6/18

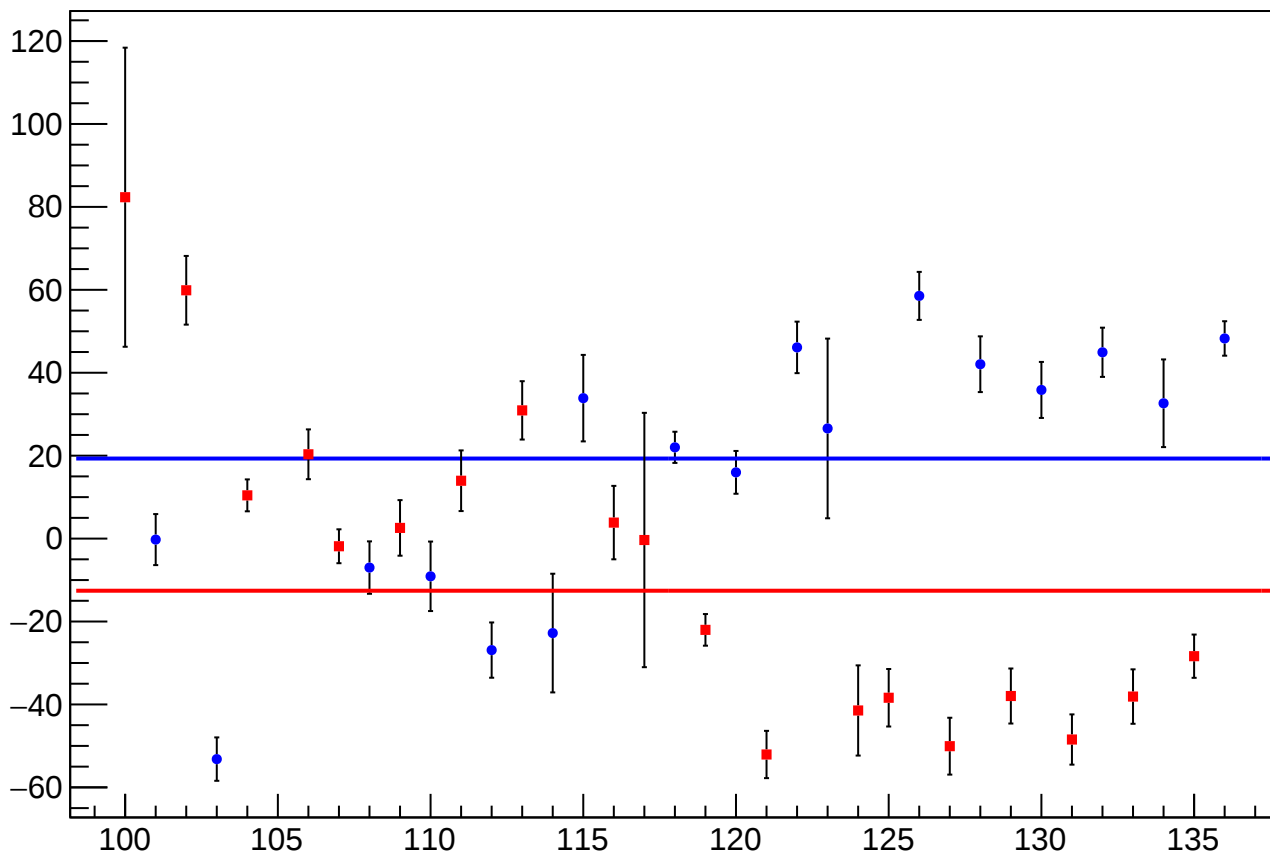
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

207.310 $\pm$ 2.428 χ^2 /NDF: 1181.6/16

-5.128 $\pm$ 1.672 χ^2 /NDF: 17190.3/35

-196.864 $\pm$ 2.307 χ^2 /NDF: 1445.6/18

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: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -12.572+/-1.407 χ^2 /NDF: 395.0/18

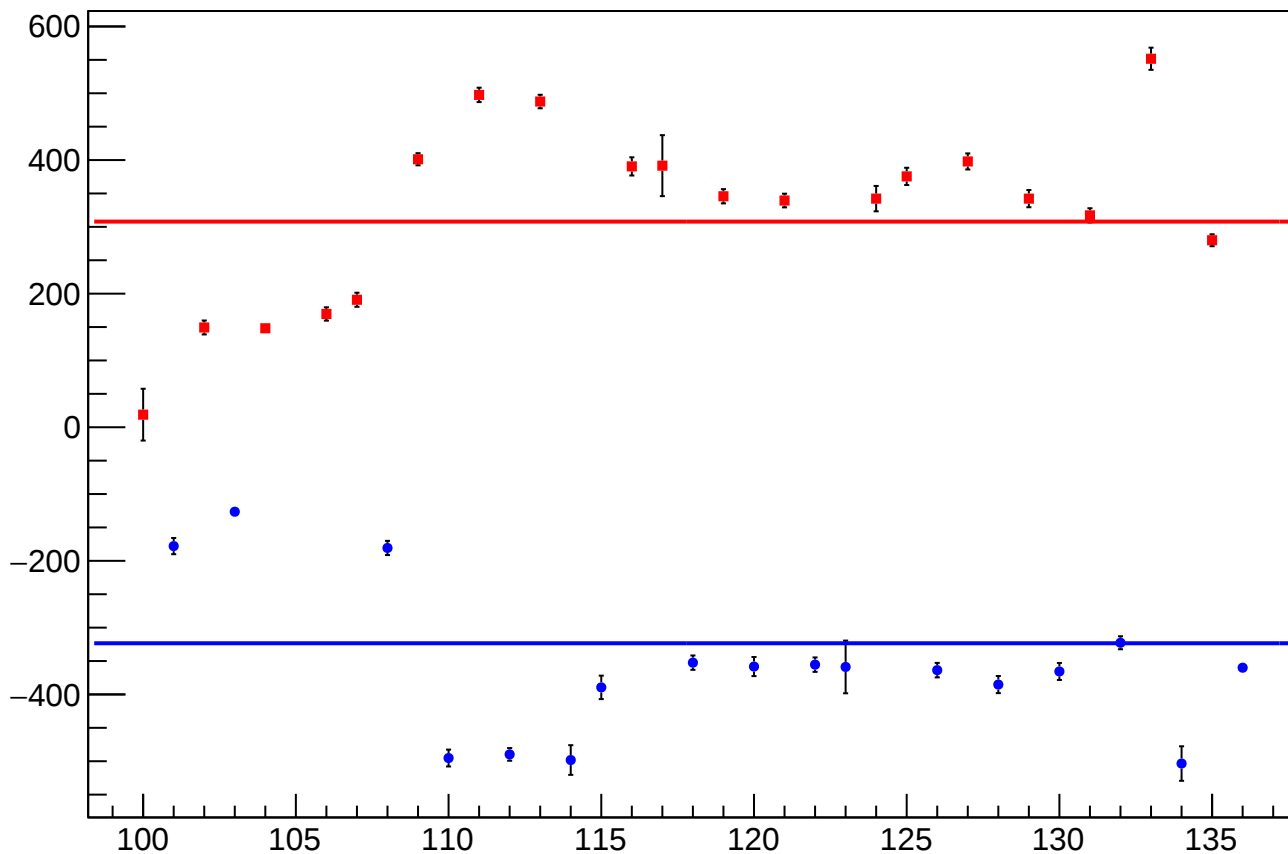
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

19.308+/-1.500 χ^2 /NDF: 441.3/16

2.345+/-1.026 χ^2 /NDF: 1076.5/35

-12.572+/-1.407 χ^2 /NDF: 395.0/18

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.402 $\pm$ 2.684 χ^2 /NDF: 1849.6/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 307.876 $\pm$ 2.564 χ^2 /NDF: 2272.0/18

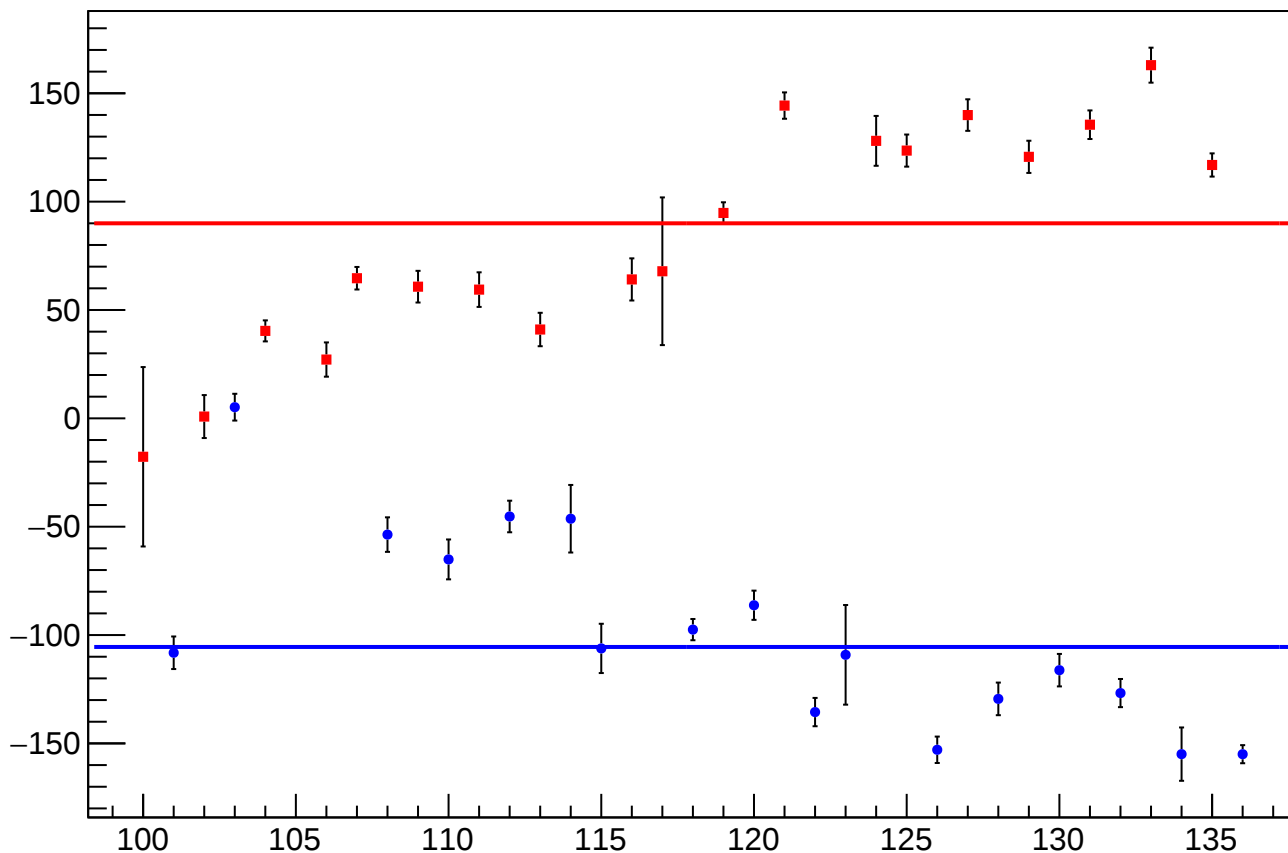
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-323.402 $\pm$ 2.684 χ^2 /NDF: 1849.6/16

6.630 $\pm$ 1.854 χ^2 /NDF: 33043.5/35

307.876 $\pm$ 2.564 χ^2 /NDF: 2272.0/18

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: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 89.999+/-1.637 χ^2 /NDF: 689.0/18

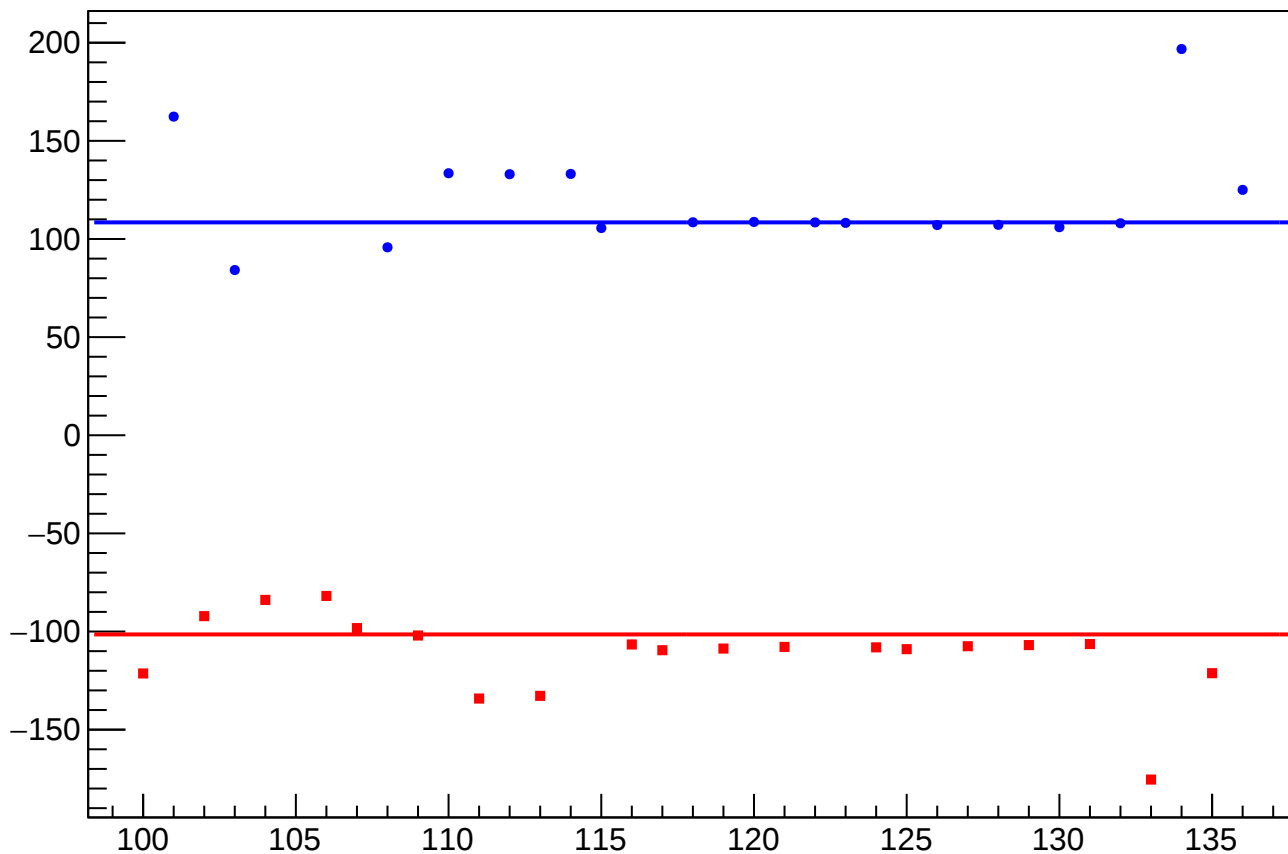
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-105.496+/-1.712 χ^2 /NDF: 737.3/16

-3.365+/-1.183 χ^2 /NDF: 8238.5/35

89.999+/-1.637 χ^2 /NDF: 689.0/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -101.475+/-0.081 χ^2/NDF : 49479.1/18

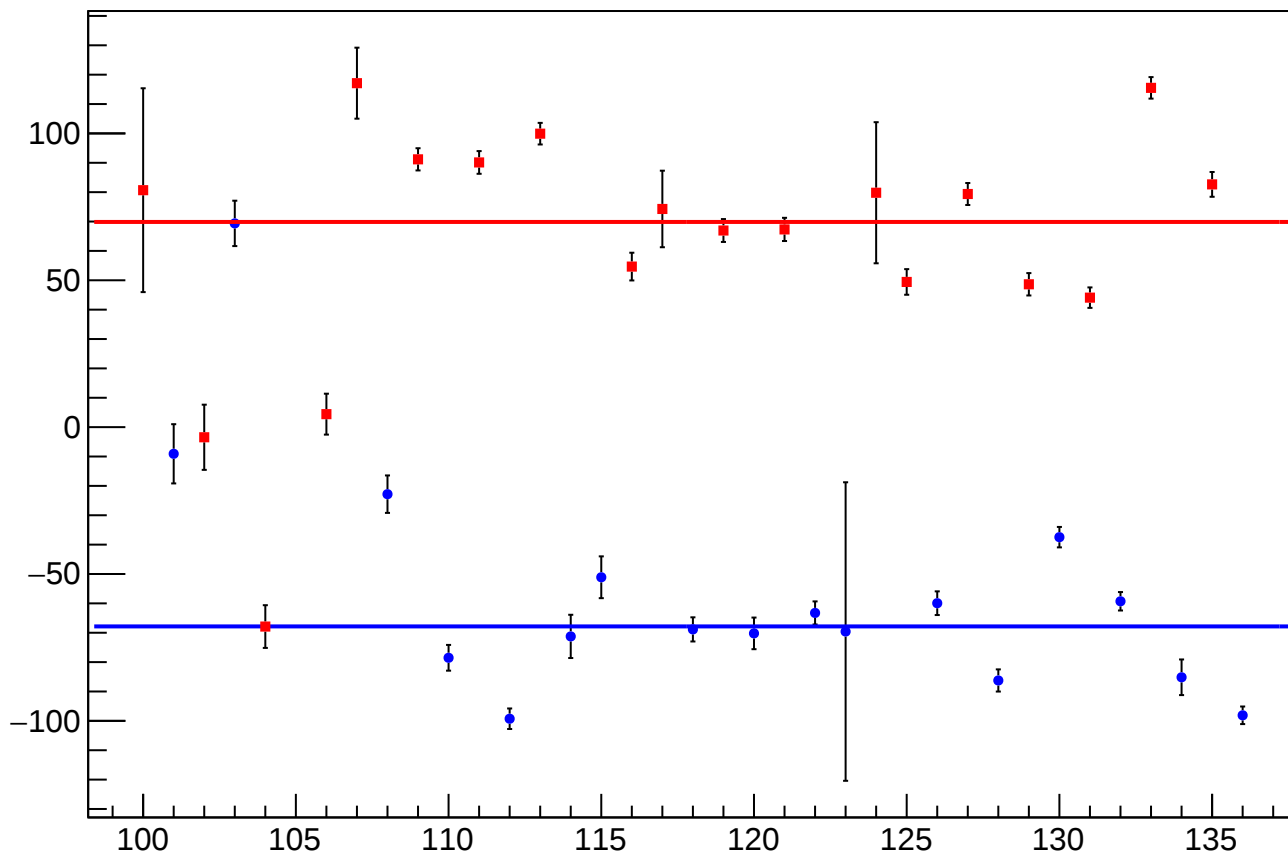
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

108.460+/-0.085 χ^2/NDF : 73301.9/16

-0.968+/-0.059 χ^2/NDF : 3302451.7/35

-101.475+/-0.081 χ^2/NDF : 49479.1/18

reg_asym_at1_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -67.844 ± 1.093 χ^2/NDF : 715.4/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 69.860 ± 1.082 χ^2/NDF : 922.5/18

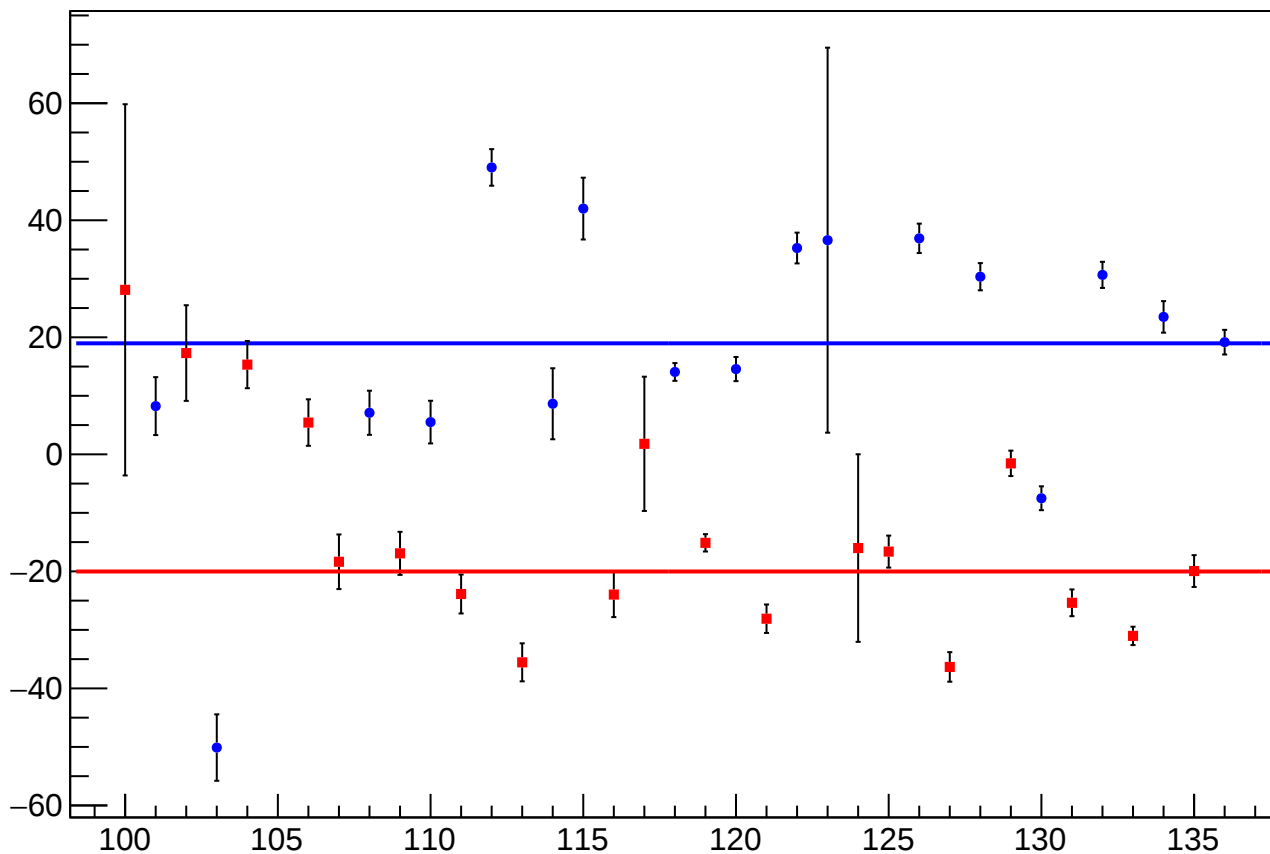
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-67.844 ± 1.093 χ^2/NDF : 715.4/16

1.732 ± 0.769 χ^2/NDF : 9657.0/35

69.860 ± 1.082 χ^2/NDF : 922.5/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.022+/-0.648 χ^2/NDF : 362.8/18

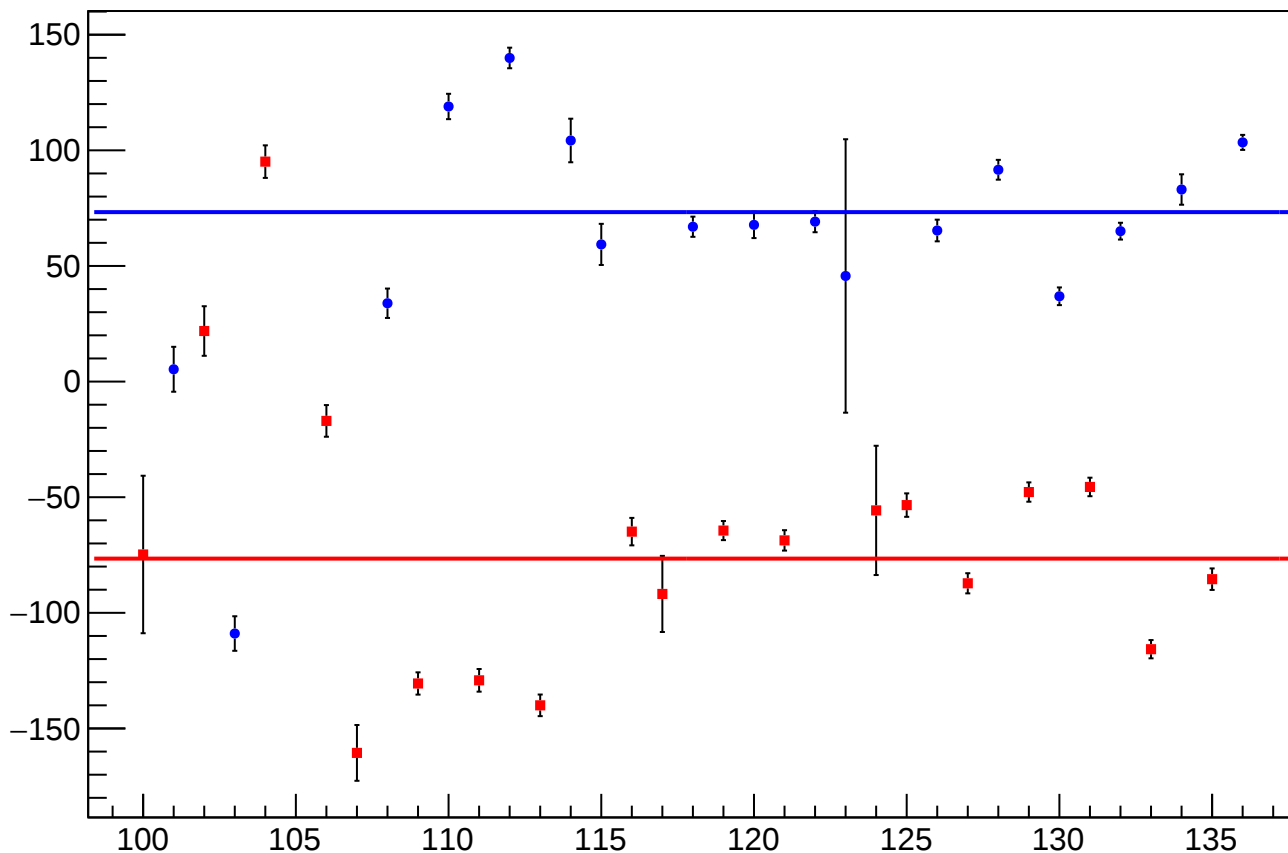
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

18.970+/-0.653 χ^2/NDF : 618.4/16

-0.686+/-0.460 χ^2/NDF : 2778.6/35

-20.022+/-0.648 χ^2/NDF : 362.8/18

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 73.278+/-1.236 χ^2 /NDF: 1198.6/16

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -76.551+/-1.237 χ^2 /NDF: 1481.7/18

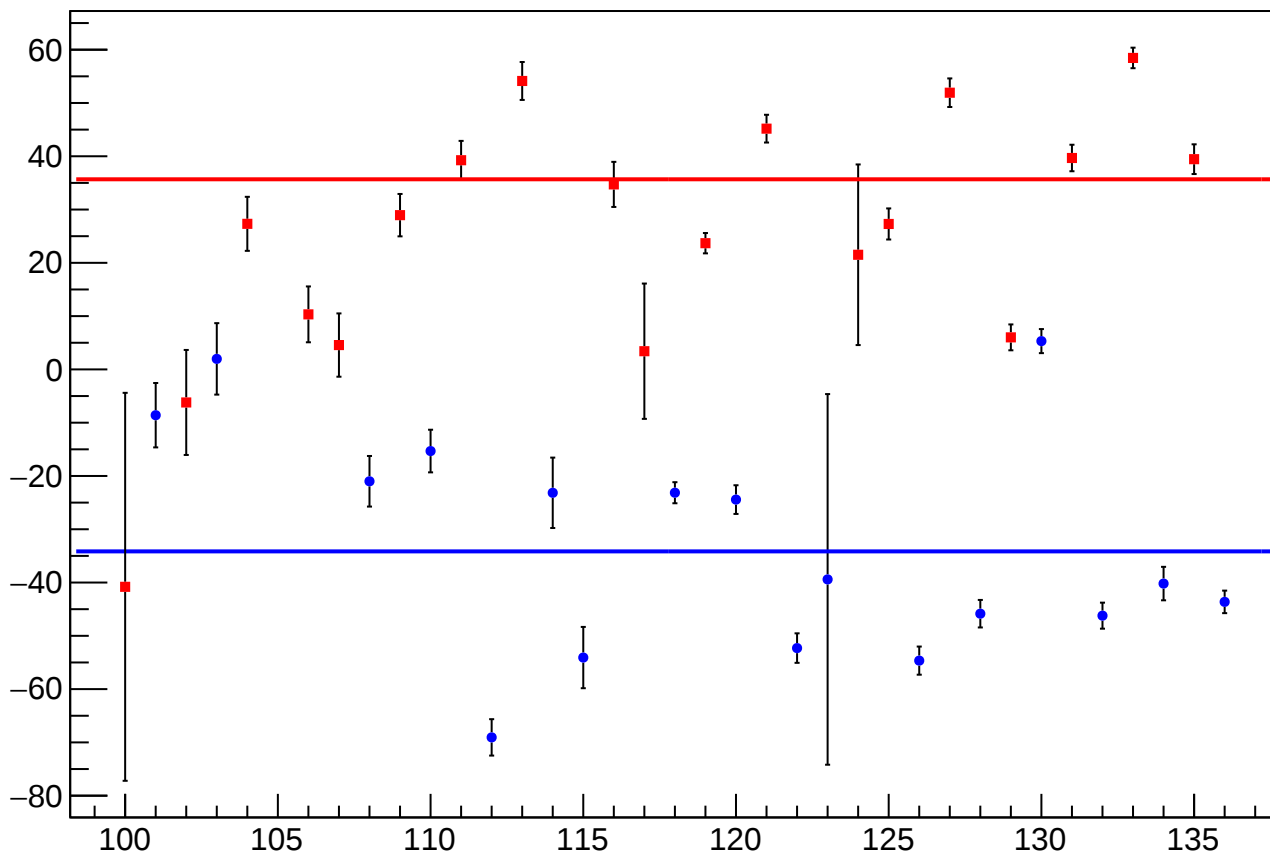
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

73.278+/-1.236 χ^2 /NDF: 1198.6/16

-1.600+/-0.875 χ^2 /NDF: 10018.6/35

-76.551+/-1.237 χ^2 /NDF: 1481.7/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.678+/-0.744 χ^2/NDF : 505.1/18

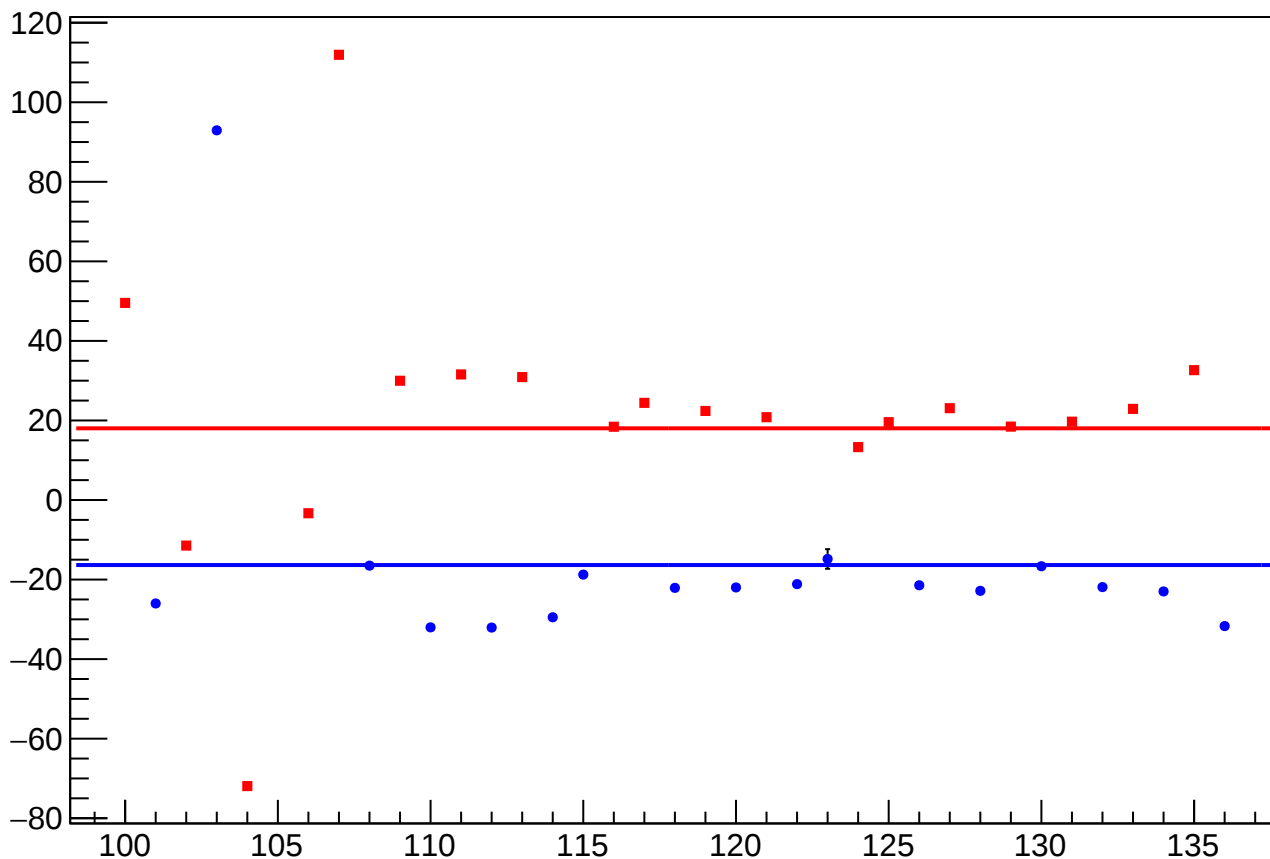
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-34.153+/-0.745 χ^2/NDF : 717.5/16

0.799+/-0.526 χ^2/NDF : 5622.0/35

35.678+/-0.744 χ^2/NDF : 505.1/18

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.349+/-0.045 χ^2/NDF : 474192.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.022+/-0.047 χ^2/NDF : 427253.4/18

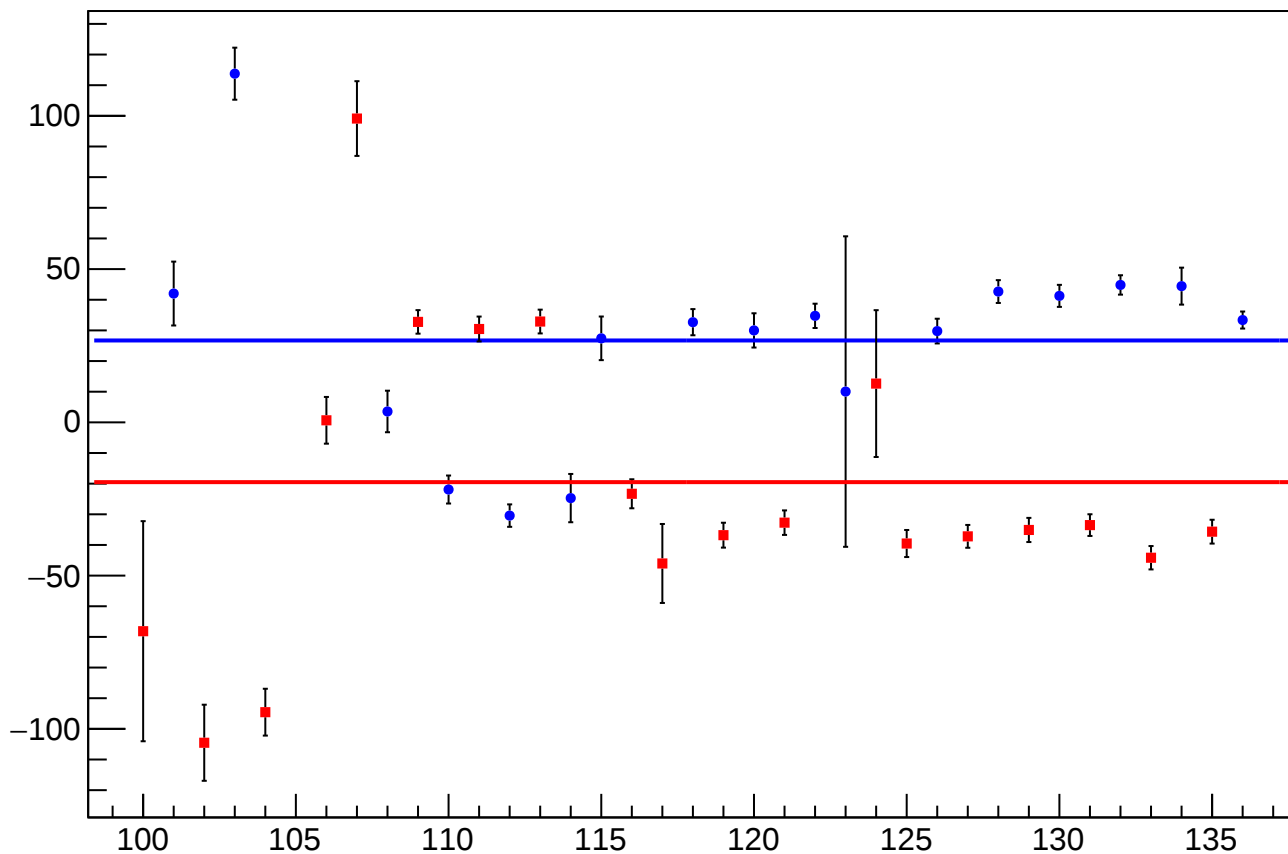
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-16.349+/-0.045 χ^2/NDF : 474192.3/16

0.134+/-0.032 χ^2/NDF : 1185682.1/35

18.022+/-0.047 χ^2/NDF : 427253.4/18

reg_asym_at1_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 26.715 $\pm$ 1.103 χ^2 /NDF: 607.6/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -19.505 $\pm$ 1.103 χ^2 /NDF: 936.3/18

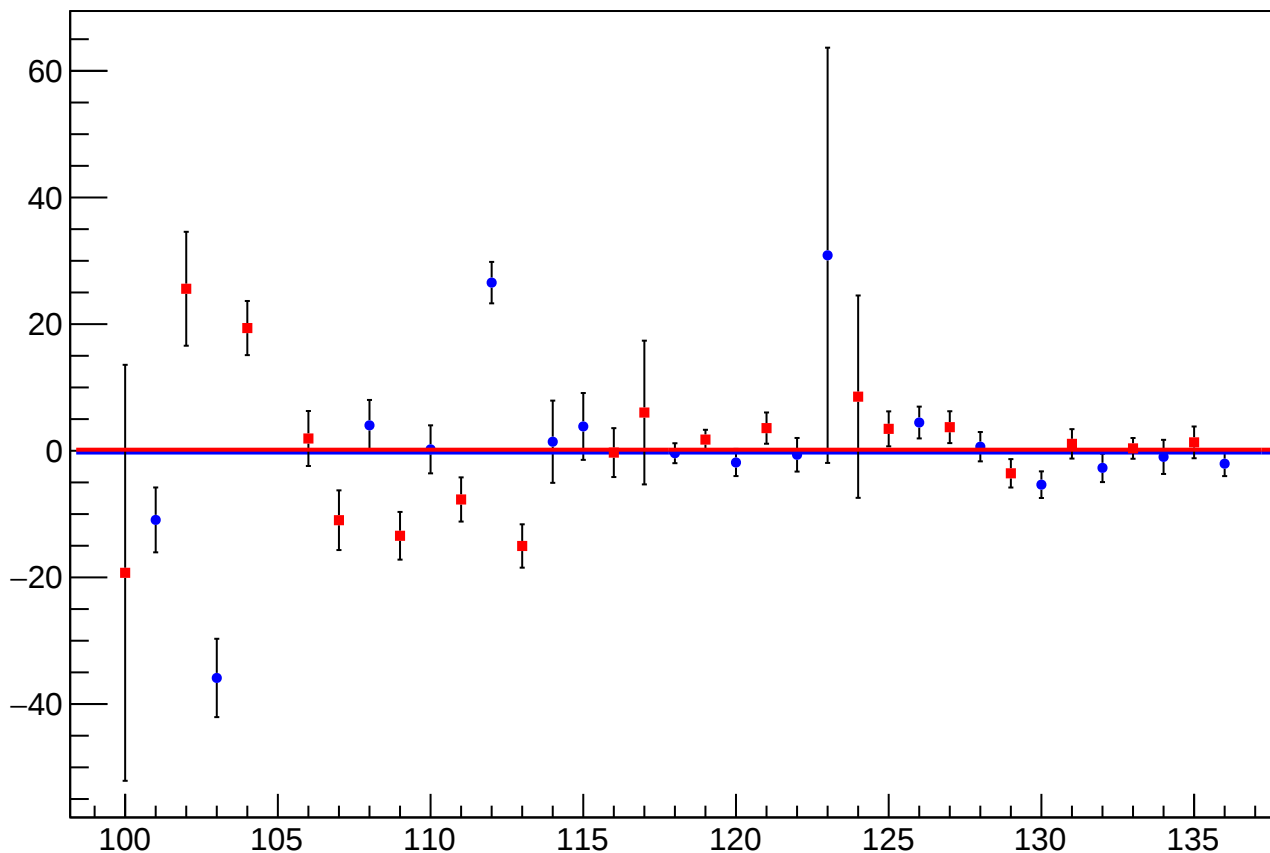
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

26.715 $\pm$ 1.103 χ^2 /NDF: 607.6/16

3.612 $\pm$ 0.780 χ^2 /NDF: 2422.0/35

-19.505 $\pm$ 1.103 χ^2 /NDF: 936.3/18

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: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.171 ± 0.664 χ^2/NDF : 82.2/18

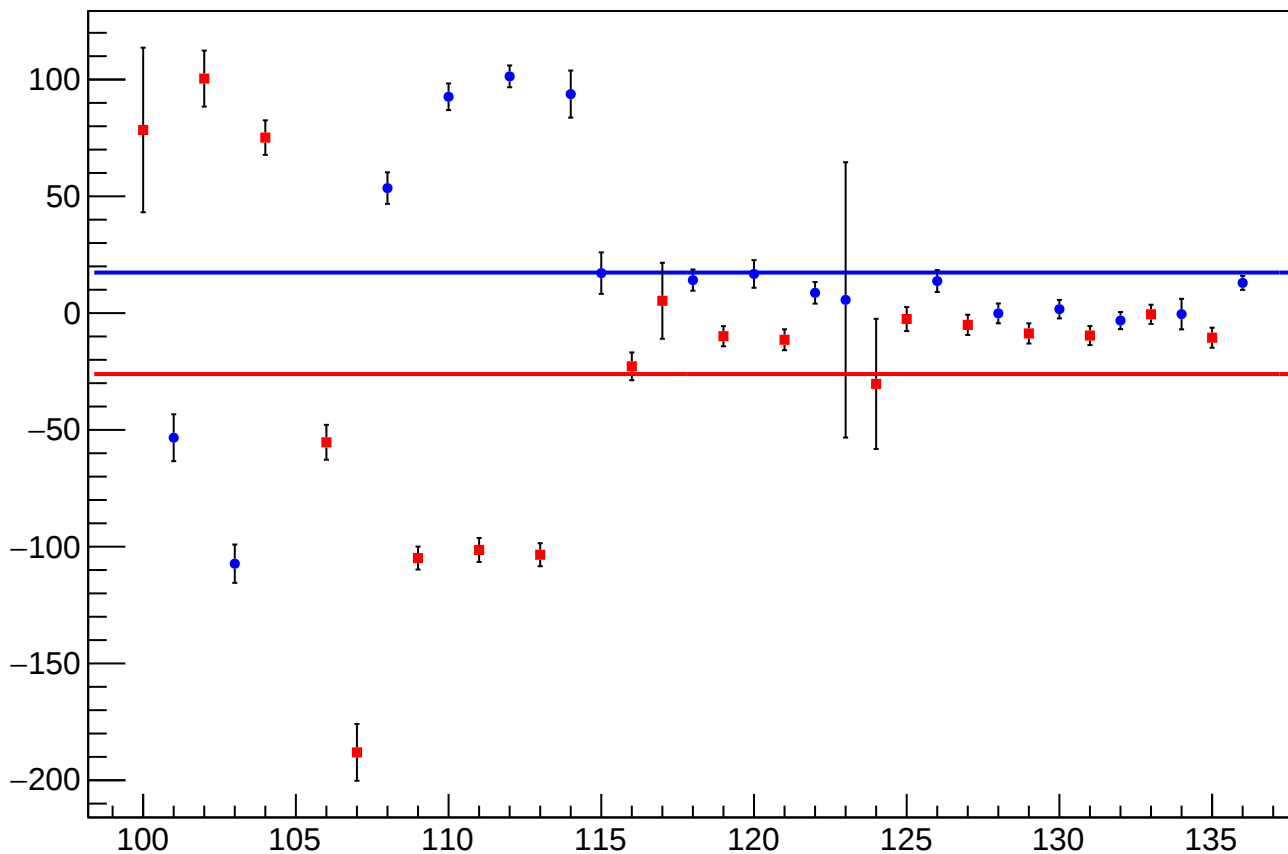
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.280 ± 0.662 χ^2/NDF : 119.5/16

-0.055 ± 0.469 χ^2/NDF : 202.0/35

0.171 ± 0.664 χ^2/NDF : 82.2/18

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.361 ± 1.247 χ^2/NDF : 943.0/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -26.092 ± 1.263 χ^2/NDF : 1377.1/18

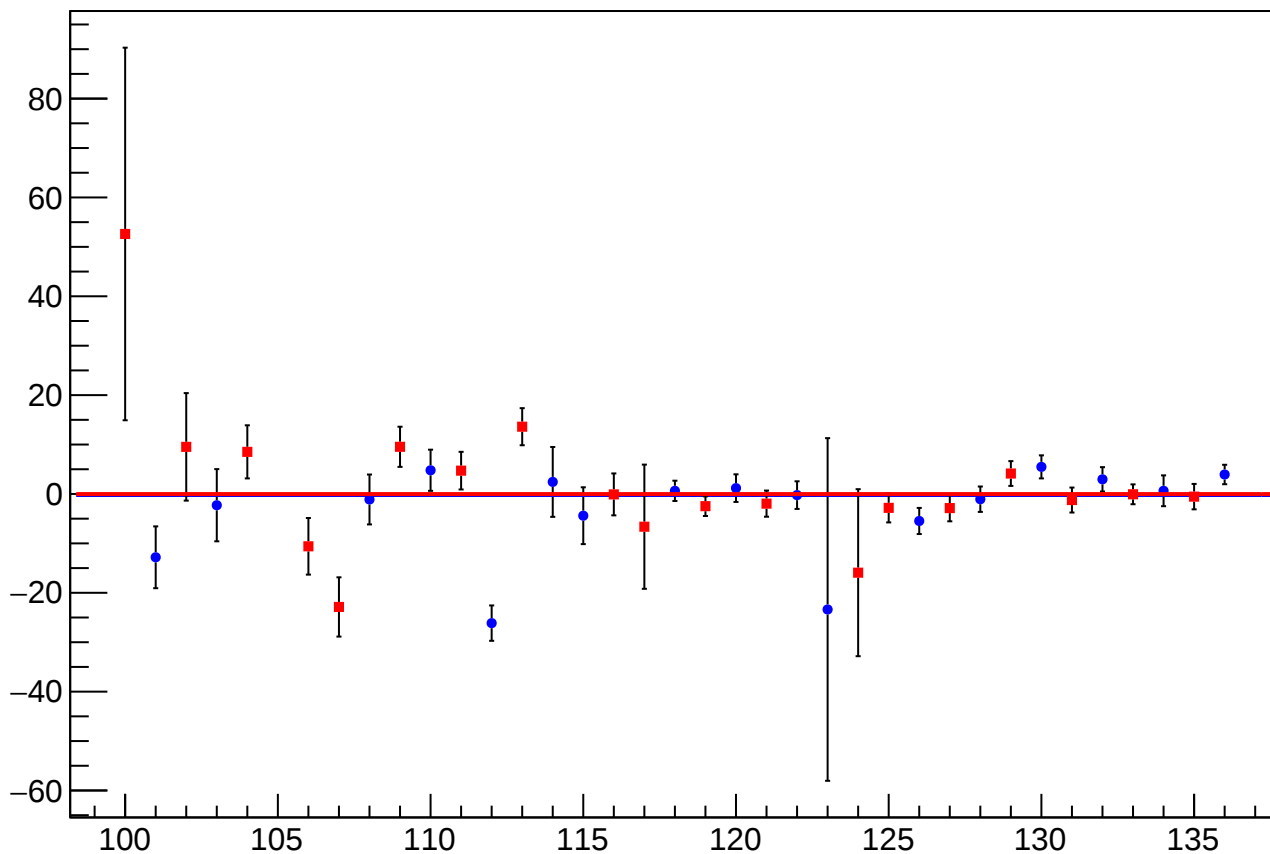
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

17.361 ± 1.247 χ^2/NDF : 943.0/16

-4.094 ± 0.887 χ^2/NDF : 2919.8/35

-26.092 ± 1.263 χ^2/NDF : 1377.1/18

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.211 ± 0.752 χ^2/NDF : 75.9/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.023 ± 0.760 χ^2/NDF : 51.7/18

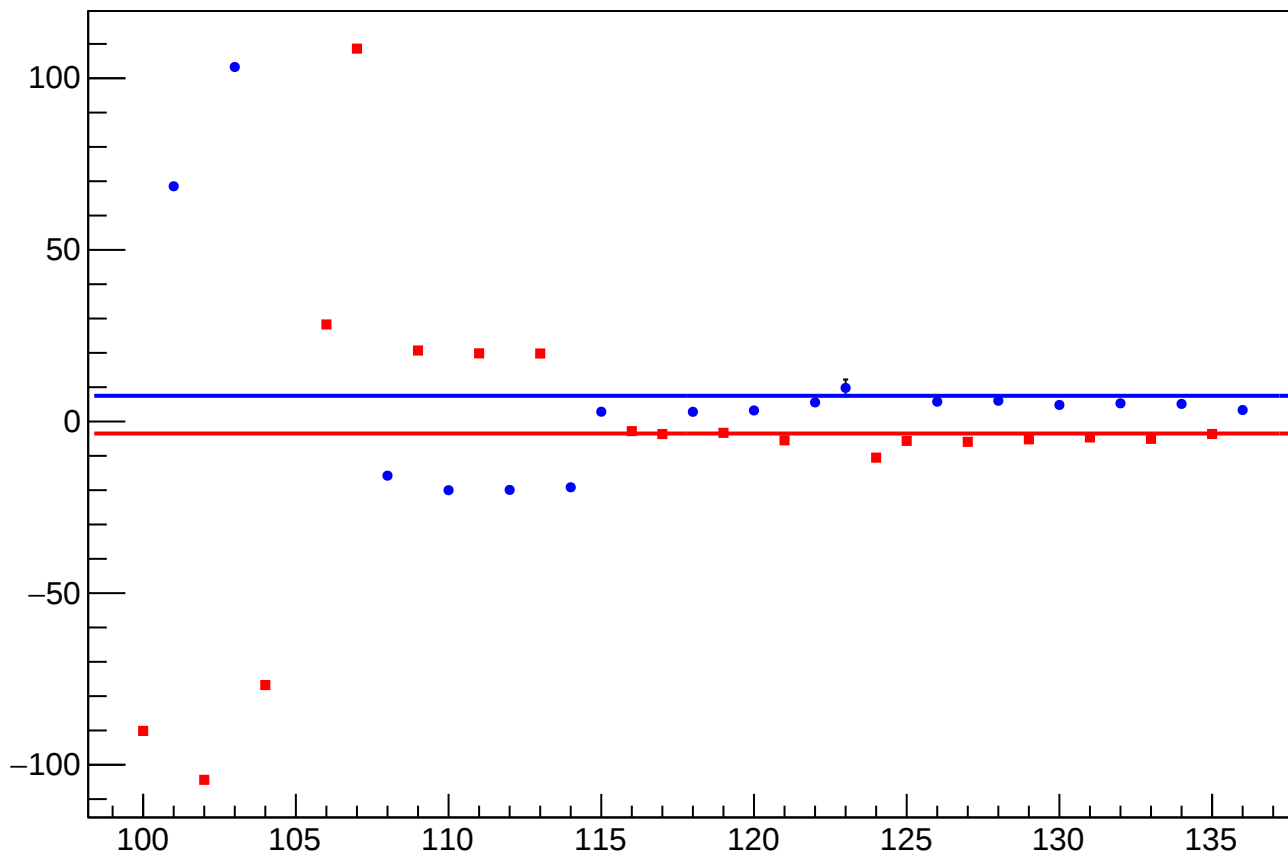
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.211 ± 0.752 χ^2/NDF : 75.9/16

-0.118 ± 0.534 χ^2/NDF : 127.6/35

-0.023 ± 0.760 χ^2/NDF : 51.7/18

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: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.495 ± 0.047 χ^2/NDF : 510578.9/18

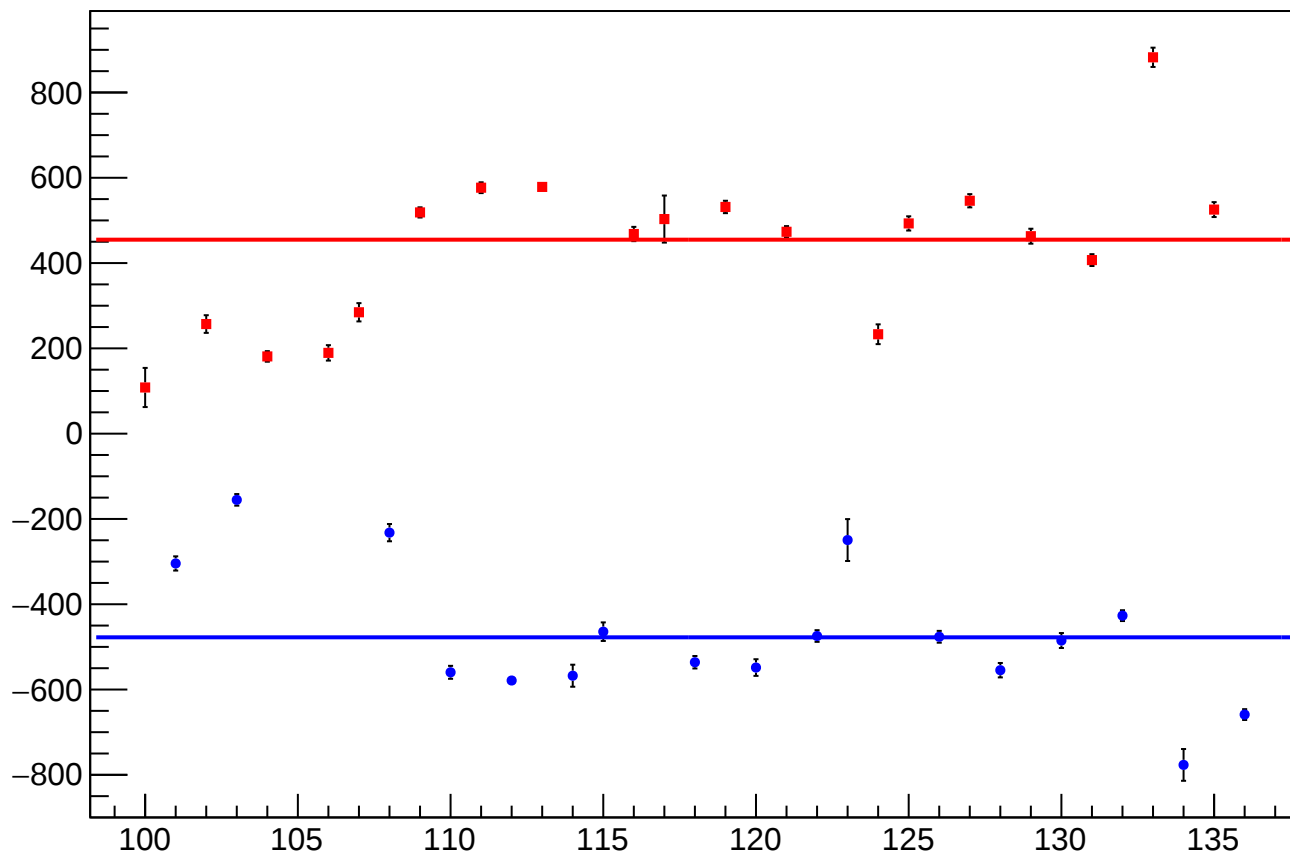
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

7.492 ± 0.045 χ^2/NDF : 355979.0/16

2.303 ± 0.032 χ^2/NDF : 895175.1/35

-3.495 ± 0.047 χ^2/NDF : 510578.9/18

reg_asym_at2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -477.563+/-3.898 χ^2/NDF : 1298.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 454.852+/-3.707 χ^2/NDF : 1697.9/18

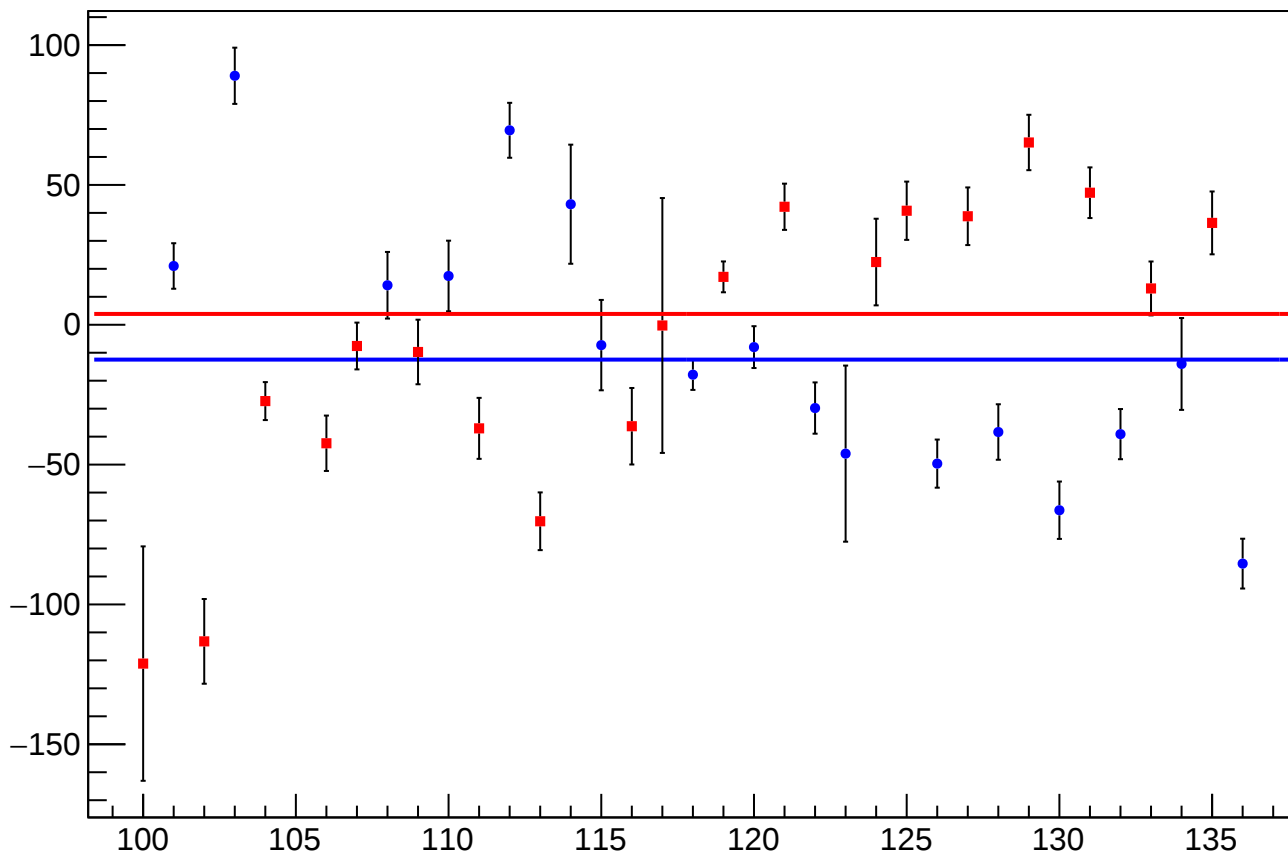
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-477.563+/-3.898 χ^2/NDF : 1298.4/16

11.994+/-2.686 χ^2/NDF : 33040.2/35

454.852+/-3.707 χ^2/NDF : 1697.9/18

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.458 ± 2.349 χ^2/NDF : 341.1/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 3.872 ± 2.272 χ^2/NDF : 312.4/18

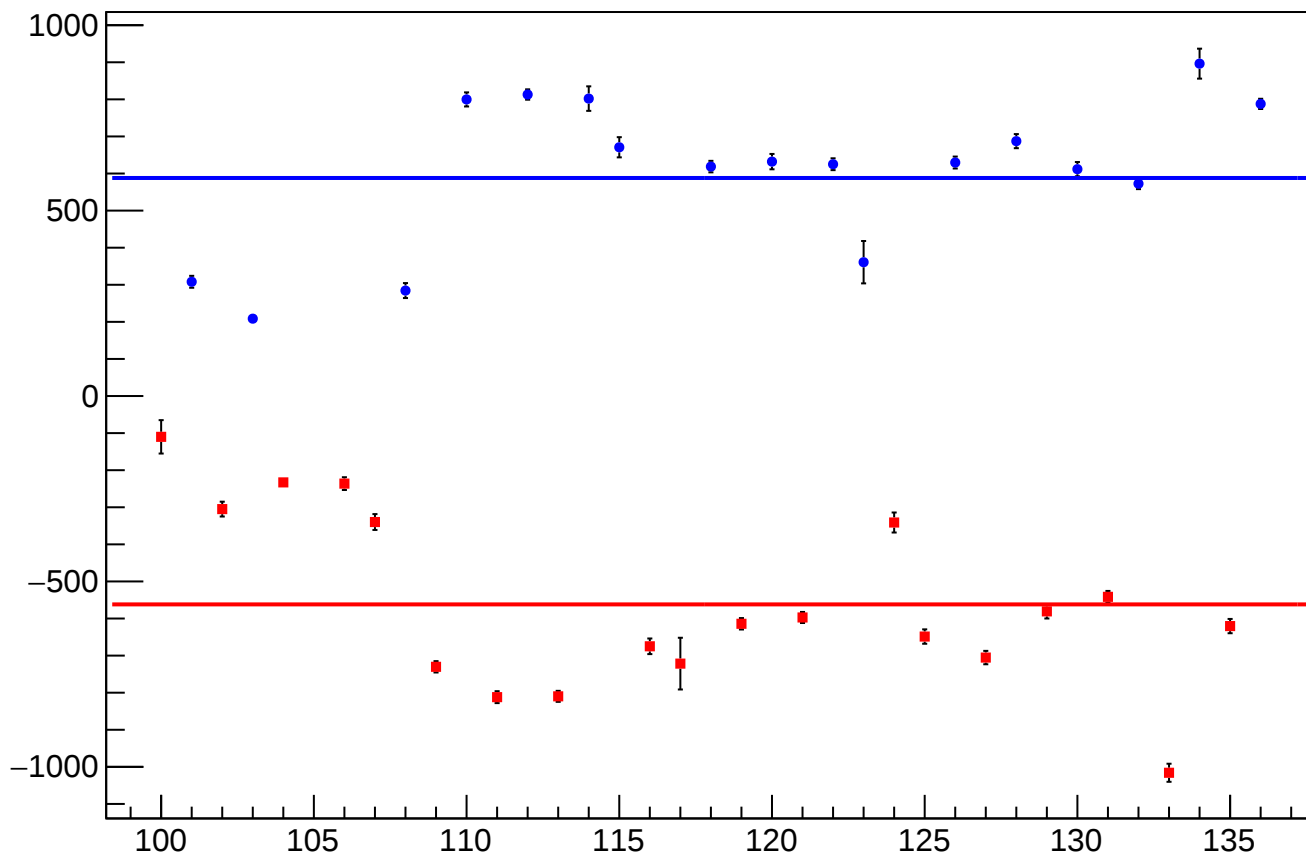
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-12.458 ± 2.349 χ^2/NDF : 341.1/16

-4.024 ± 1.633 χ^2/NDF : 678.4/35

3.872 ± 2.272 χ^2/NDF : 312.4/18

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 587.994+/-4.353 χ^2/NDF : 2129.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -561.896+/-4.169 χ^2/NDF : 2687.6/18

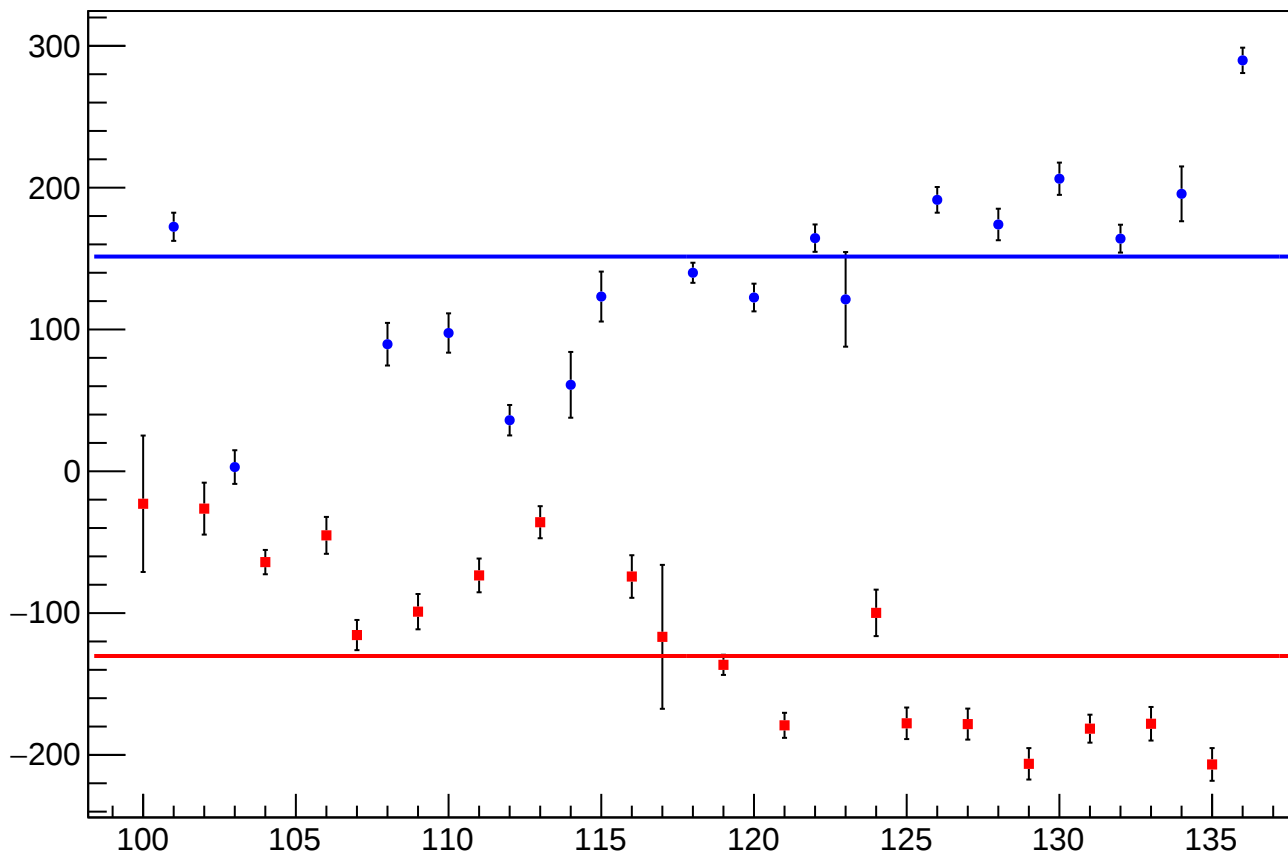
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

587.994+/-4.353 χ^2/NDF : 2129.6/16

-11.667+/-3.011 χ^2/NDF : 41212.2/35

-561.896+/-4.169 χ^2/NDF : 2687.6/18

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 151.421+/-2.709 χ^2/NDF : 633.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -130.246+/-2.637 χ^2/NDF : 461.0/18

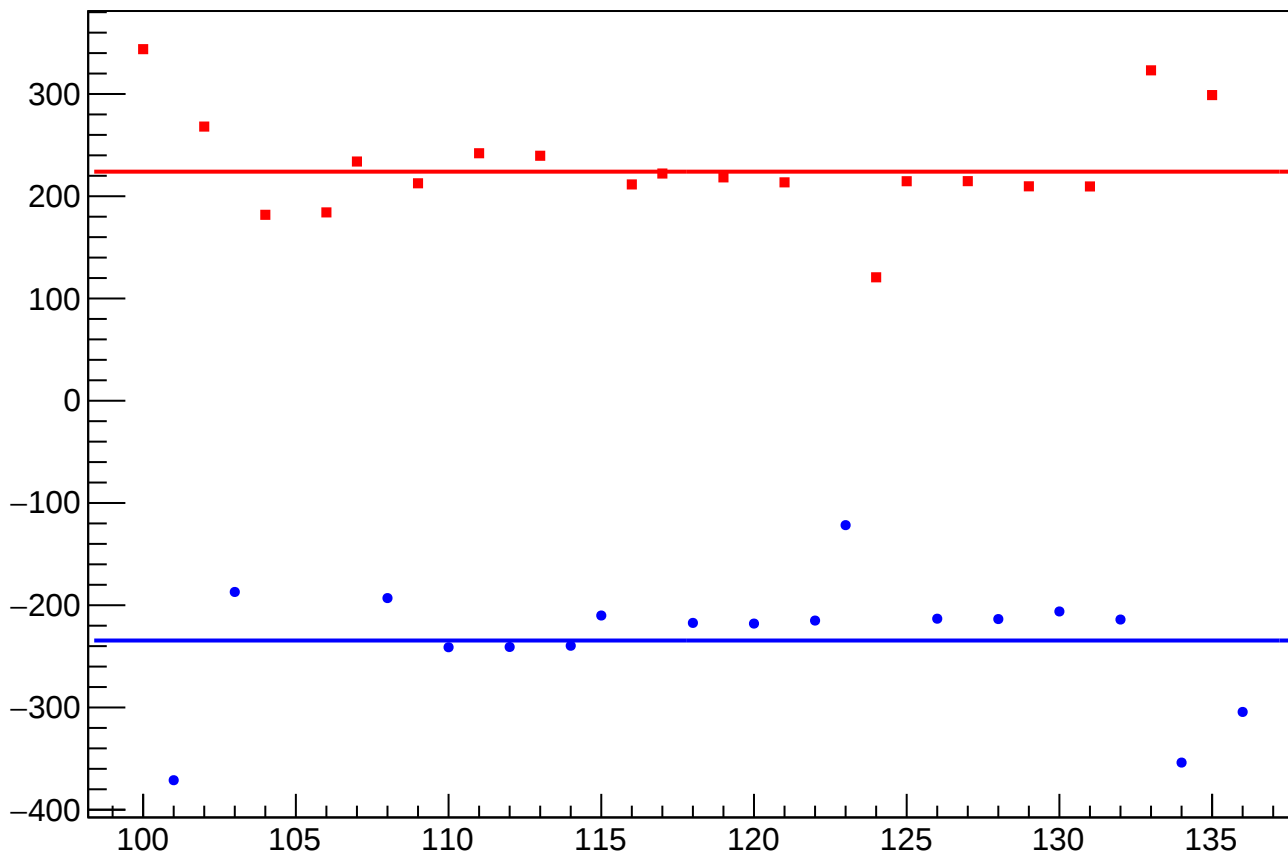
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

151.421+/-2.709 χ^2/NDF : 633.3/16

6.802+/-1.890 χ^2/NDF : 6644.4/35

-130.246+/-2.637 χ^2/NDF : 461.0/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 224.043+/-0.144 χ^2/NDF : 89133.1/18

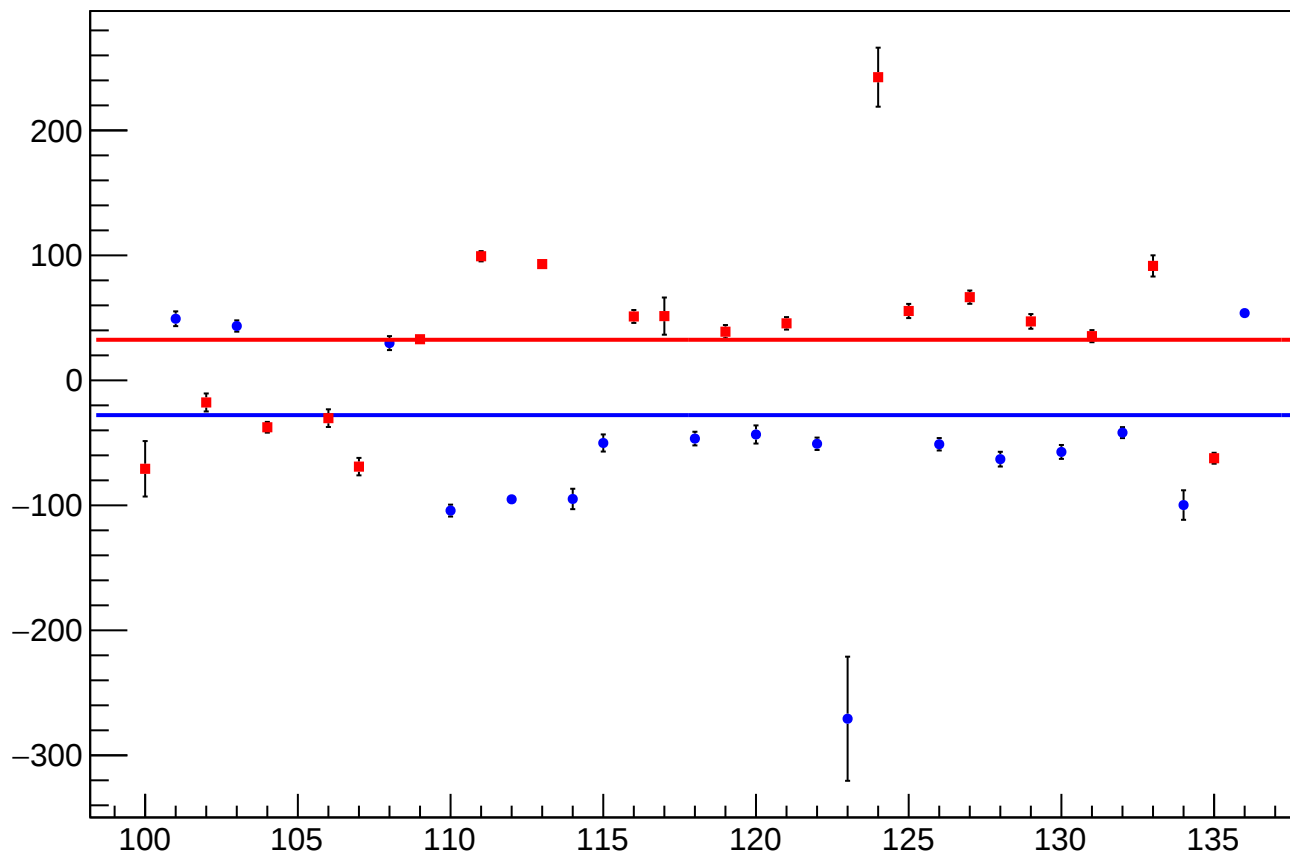
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-234.501+/-0.149 χ^2/NDF : 145046.5/16

3.353+/-0.103 χ^2/NDF : 5144885.8/35

224.043+/-0.144 χ^2/NDF : 89133.1/18

reg_asym_at2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -27.816+/-1.271 χ^2/NDF : 2066.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.471+/-1.211 χ^2/NDF : 1818.7/18

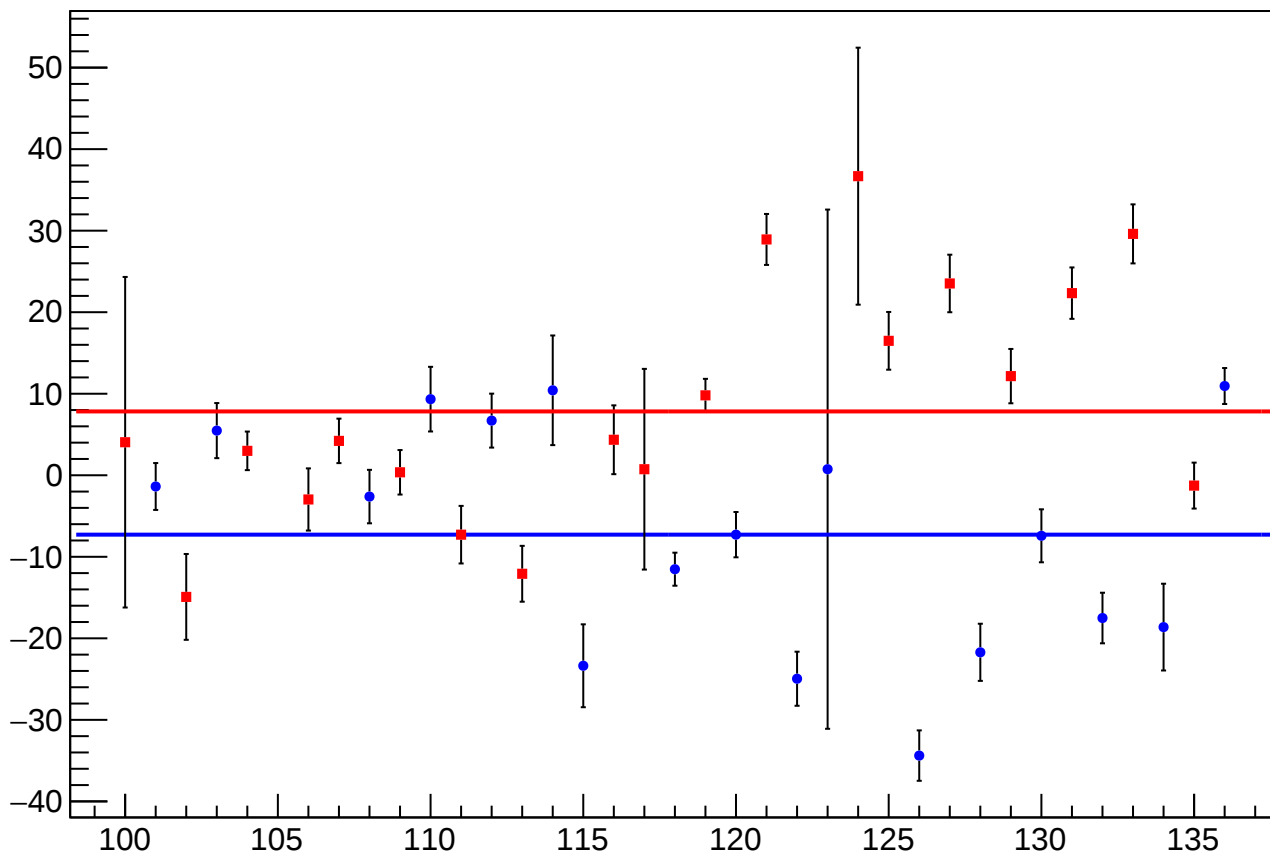
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-27.816+/-1.271 χ^2/NDF : 2066.3/16

3.786+/-0.877 χ^2/NDF : 5064.1/35

32.471+/-1.211 χ^2/NDF : 1818.7/18

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.284 $\pm$ 0.789 χ^2 /NDF: 283.2/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.829 $\pm$ 0.770 χ^2 /NDF: 238.4/18

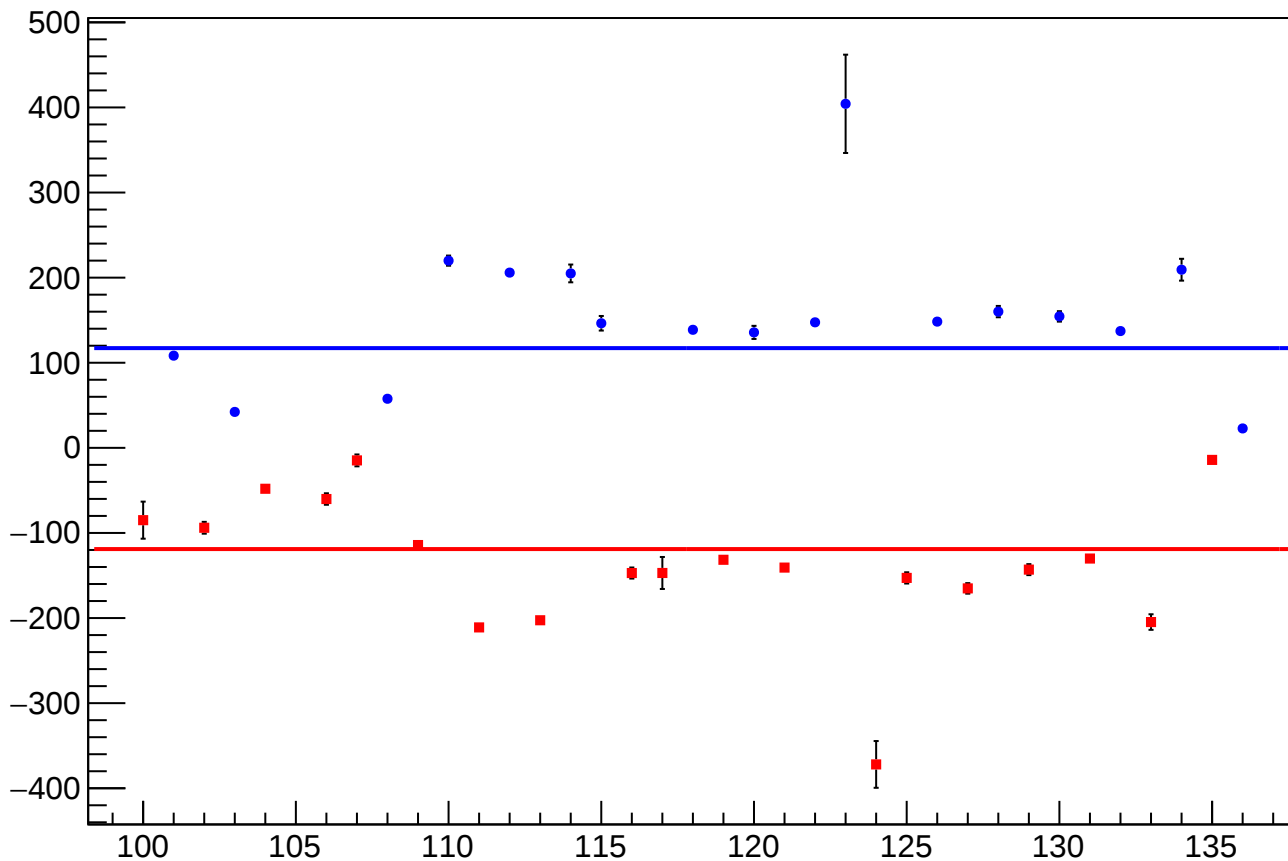
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-7.284 $\pm$ 0.789 χ^2 /NDF: 283.2/16

0.453 $\pm$ 0.551 χ^2 /NDF: 709.6/35

7.829 $\pm$ 0.770 χ^2 /NDF: 238.4/18

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.187+/-1.416 χ^2/NDF : 2161.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -118.938+/-1.382 χ^2/NDF : 1993.5/18

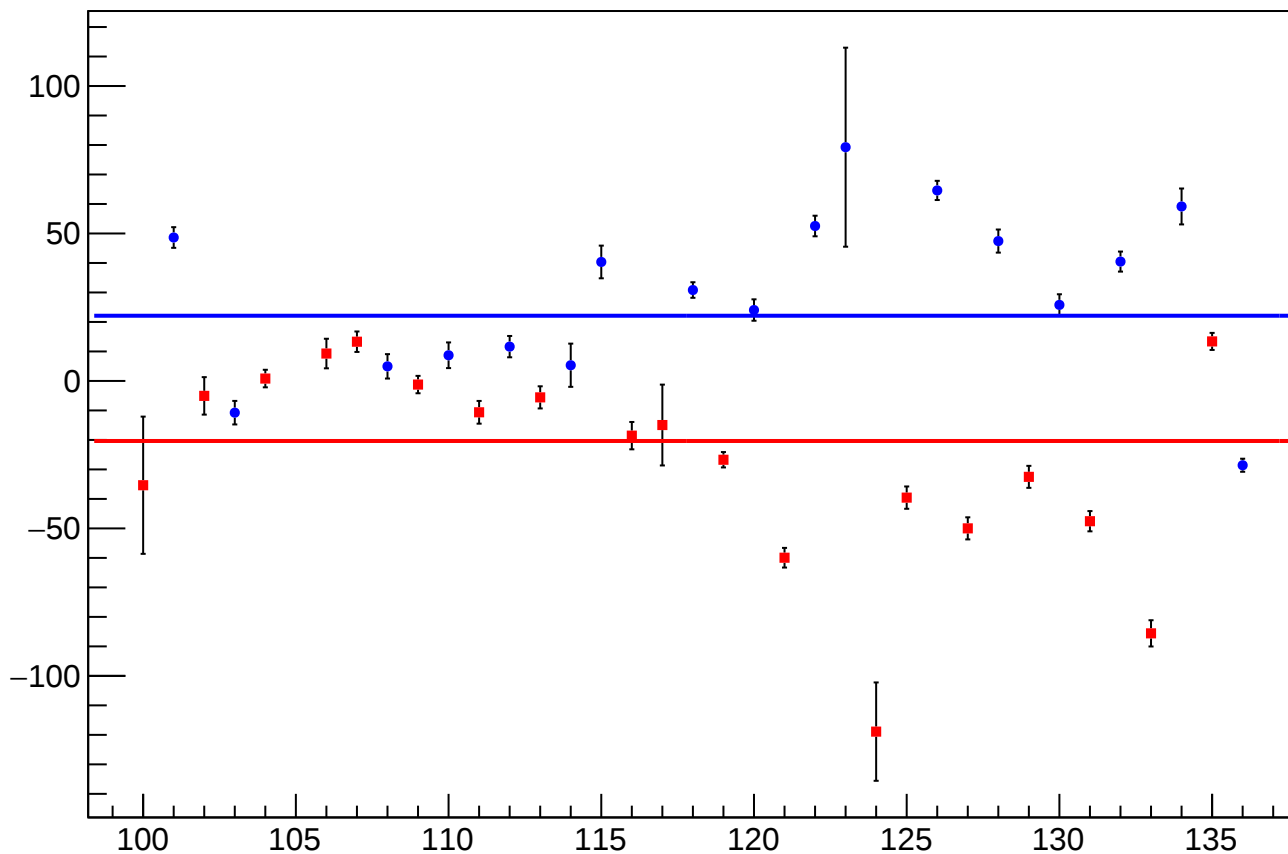
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

117.187+/-1.416 χ^2/NDF : 2161.0/16

-3.773+/-0.989 χ^2/NDF : 18392.2/35

-118.938+/-1.382 χ^2/NDF : 1993.5/18

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: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -20.357+/-0.885 χ^2 /NDF: 944.9/18

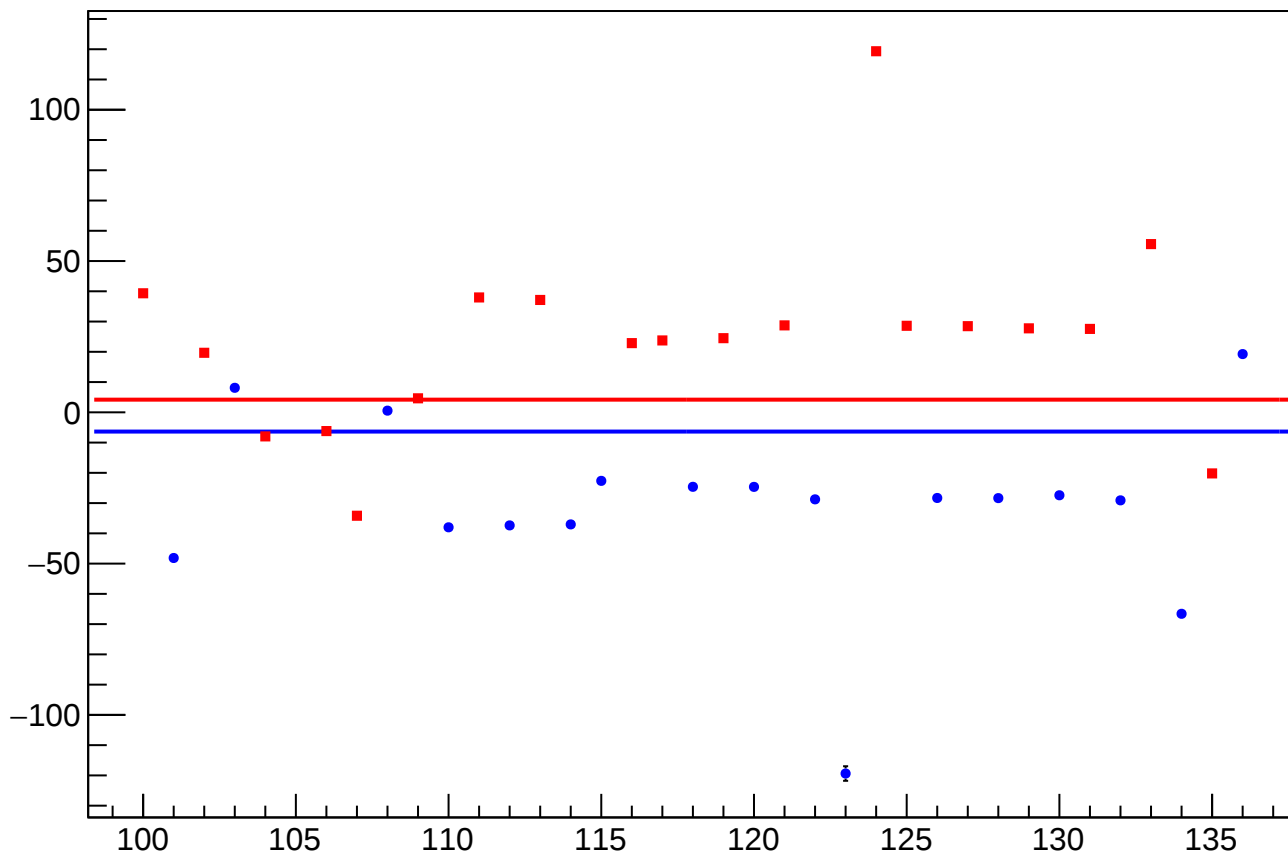
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

22.110+/-0.898 χ^2 /NDF: 1070.3/16

0.568+/-0.630 χ^2 /NDF: 3149.3/35

-20.357+/-0.885 χ^2 /NDF: 944.9/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.187+/-0.047 χ^2/NDF : 252539.0/18

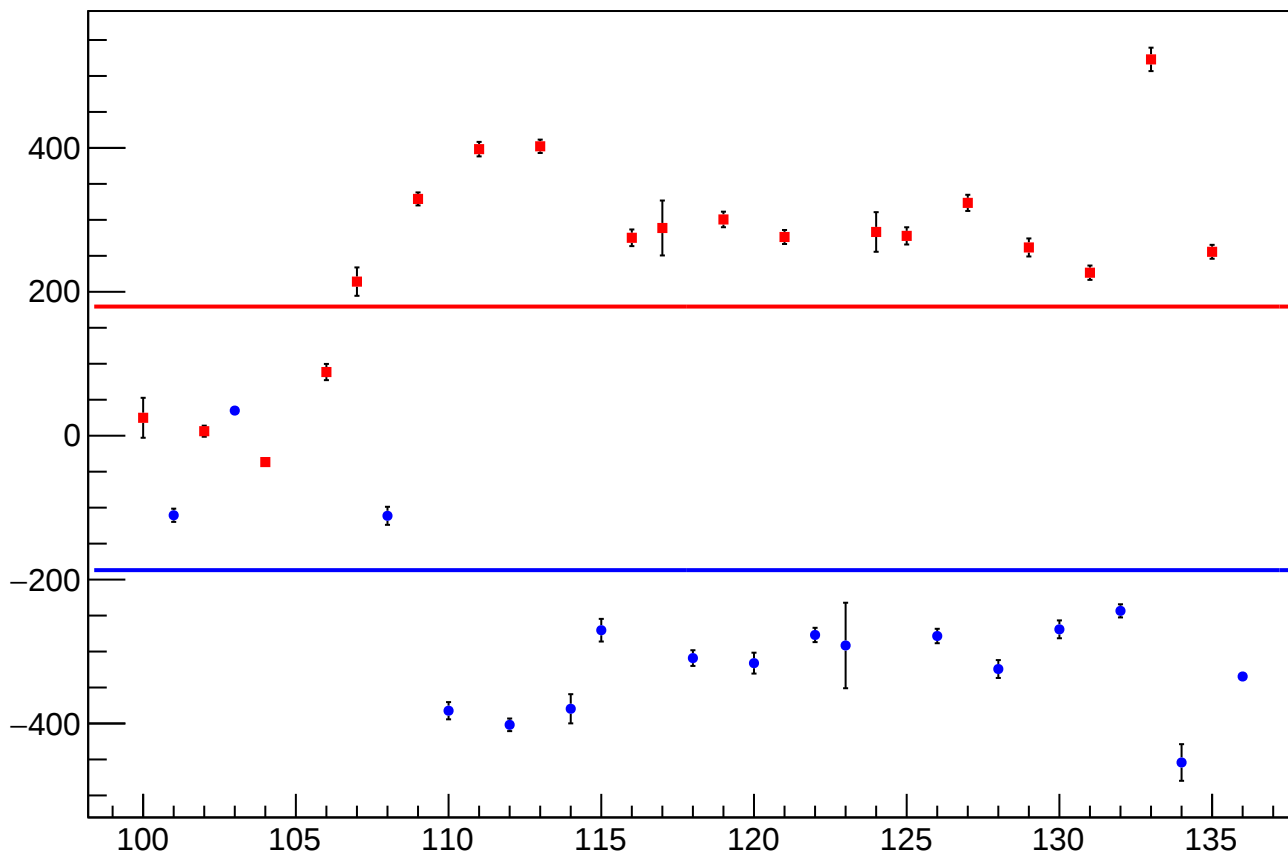
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.360+/-0.046 χ^2/NDF : 264750.9/16

-1.164+/-0.033 χ^2/NDF : 542840.2/35

4.187+/-0.047 χ^2/NDF : 252539.0/18

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -186.862+/-2.342 χ^2 /NDF: 5033.7/16

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 179.492+/-2.317 χ^2 /NDF: 5360.8/18

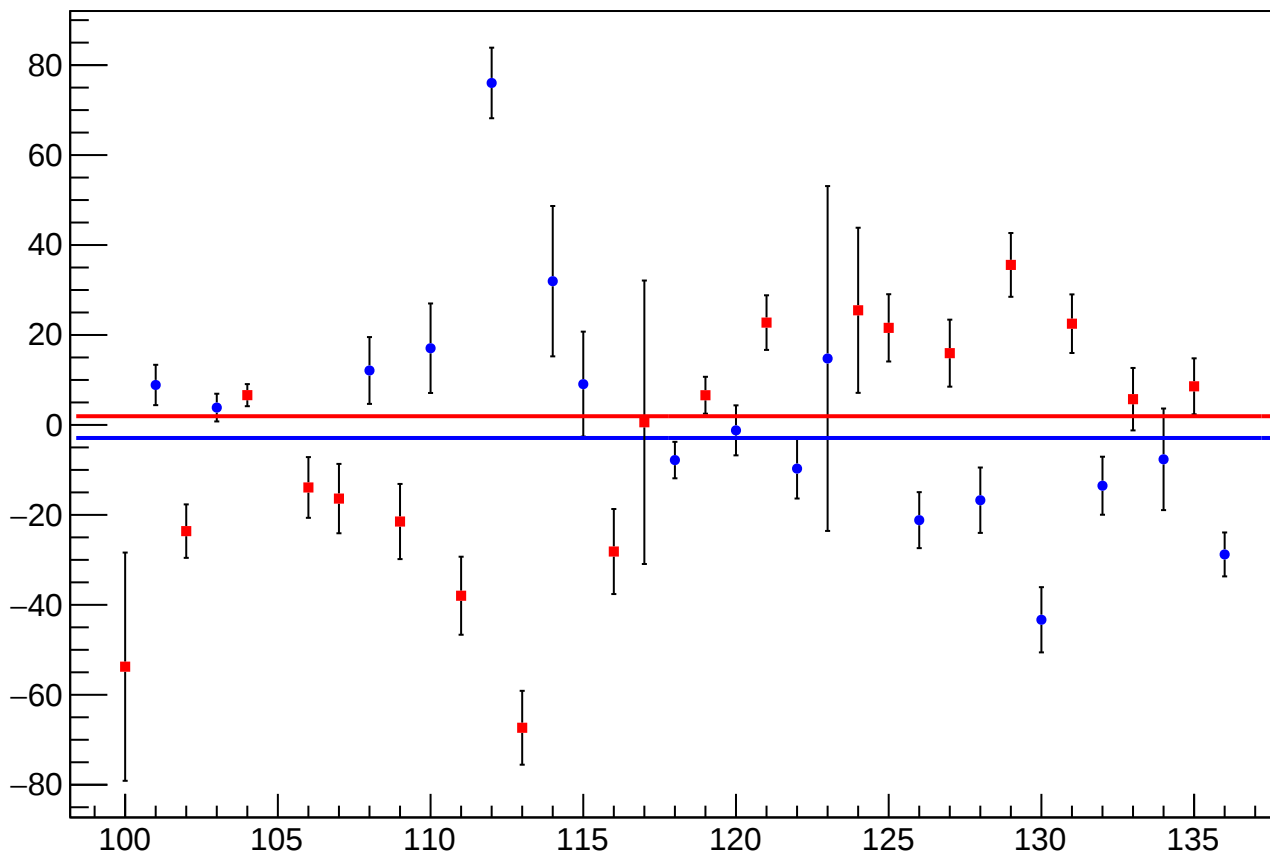
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-186.862+/-2.342 χ^2 /NDF: 5033.7/16

-1.684+/-1.647 χ^2 /NDF: 22758.0/35

179.492+/-2.317 χ^2 /NDF: 5360.8/18

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: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1.937+/-1.408 χ^2 /NDF: 207.4/18

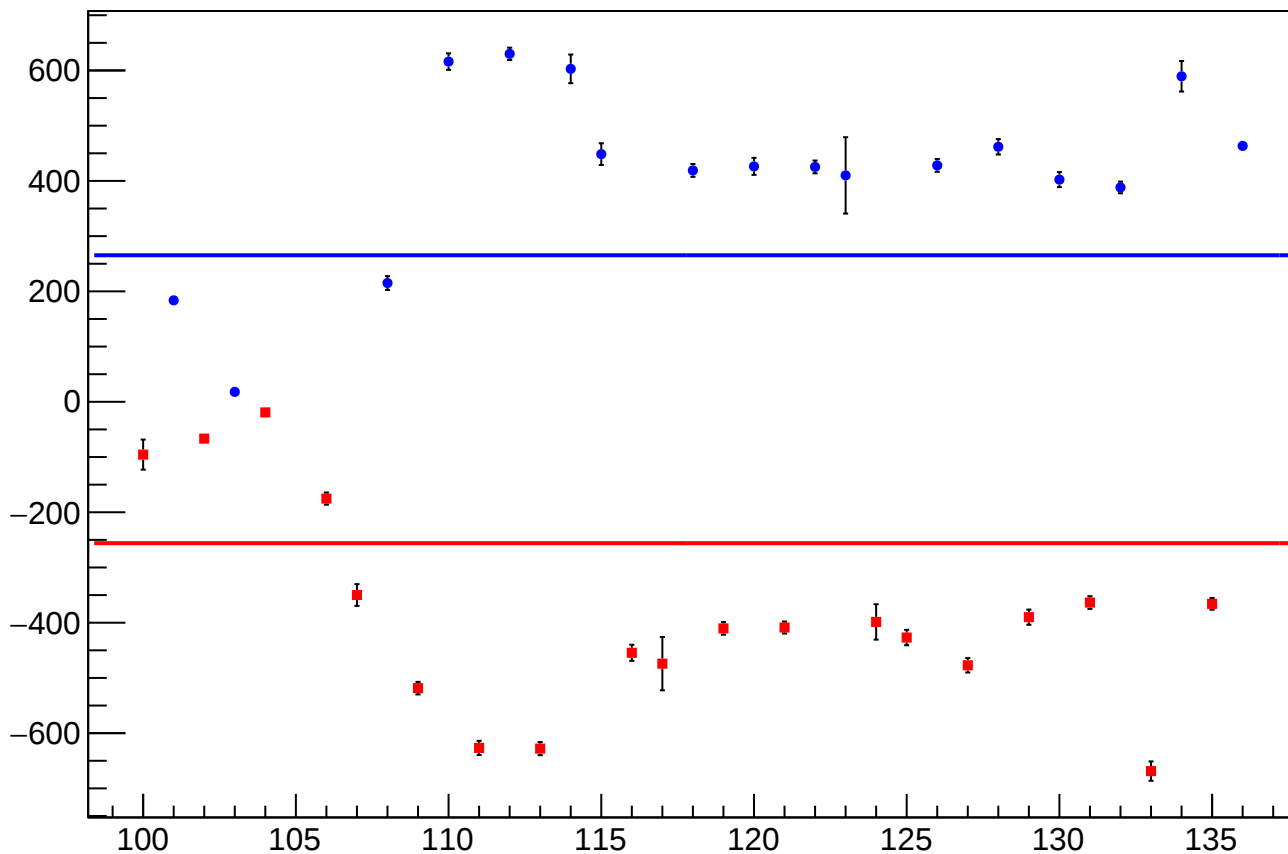
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.901+/-1.467 χ^2 /NDF: 203.6/16

-0.383+/-1.016 χ^2 /NDF: 416.6/35

1.937+/-1.408 χ^2 /NDF: 207.4/18

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 265.369+/-2.488 χ^2/NDF : 7633.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -256.035+/-2.483 χ^2/NDF : 7969.1/18

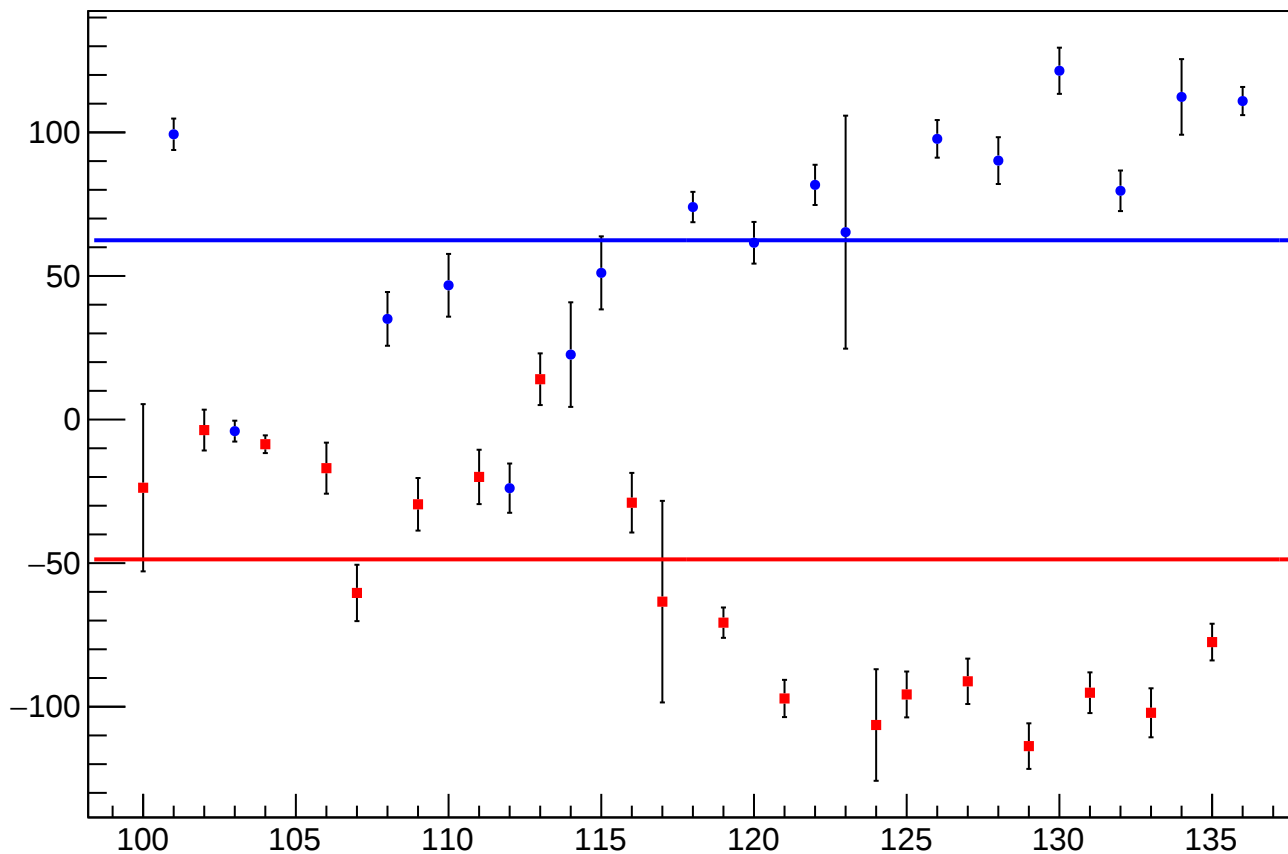
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

265.369+/-2.488 χ^2/NDF : 7633.8/16

4.157+/-1.758 χ^2/NDF : 37604.7/35

-256.035+/-2.483 χ^2/NDF : 7969.1/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -48.690+/-1.661 χ^2/NDF : 605.1/18

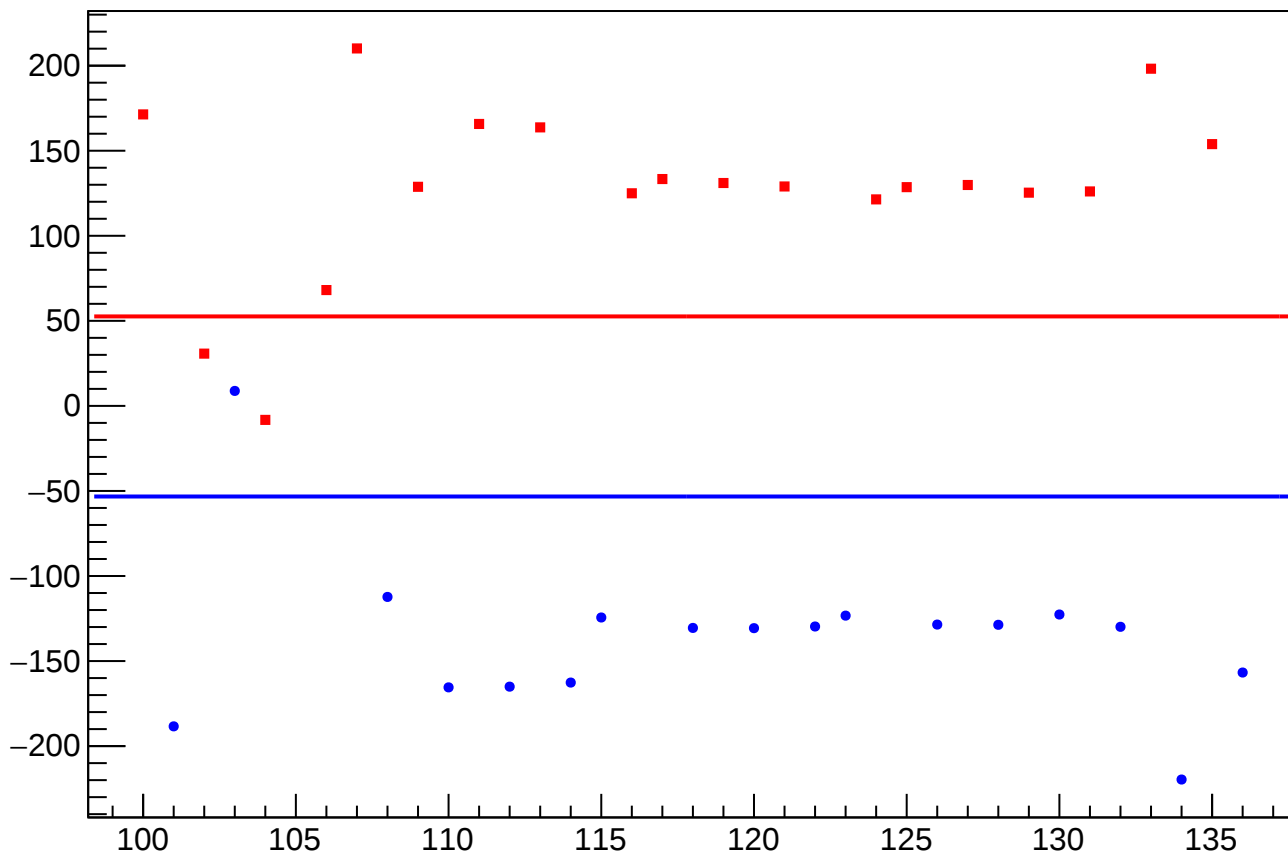
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

62.434+/-1.694 χ^2/NDF : 721.8/16

5.787+/-1.186 χ^2/NDF : 3521.1/35

-48.690+/-1.661 χ^2/NDF : 605.1/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.599+/-0.073 χ^2/NDF : 911724.5/18

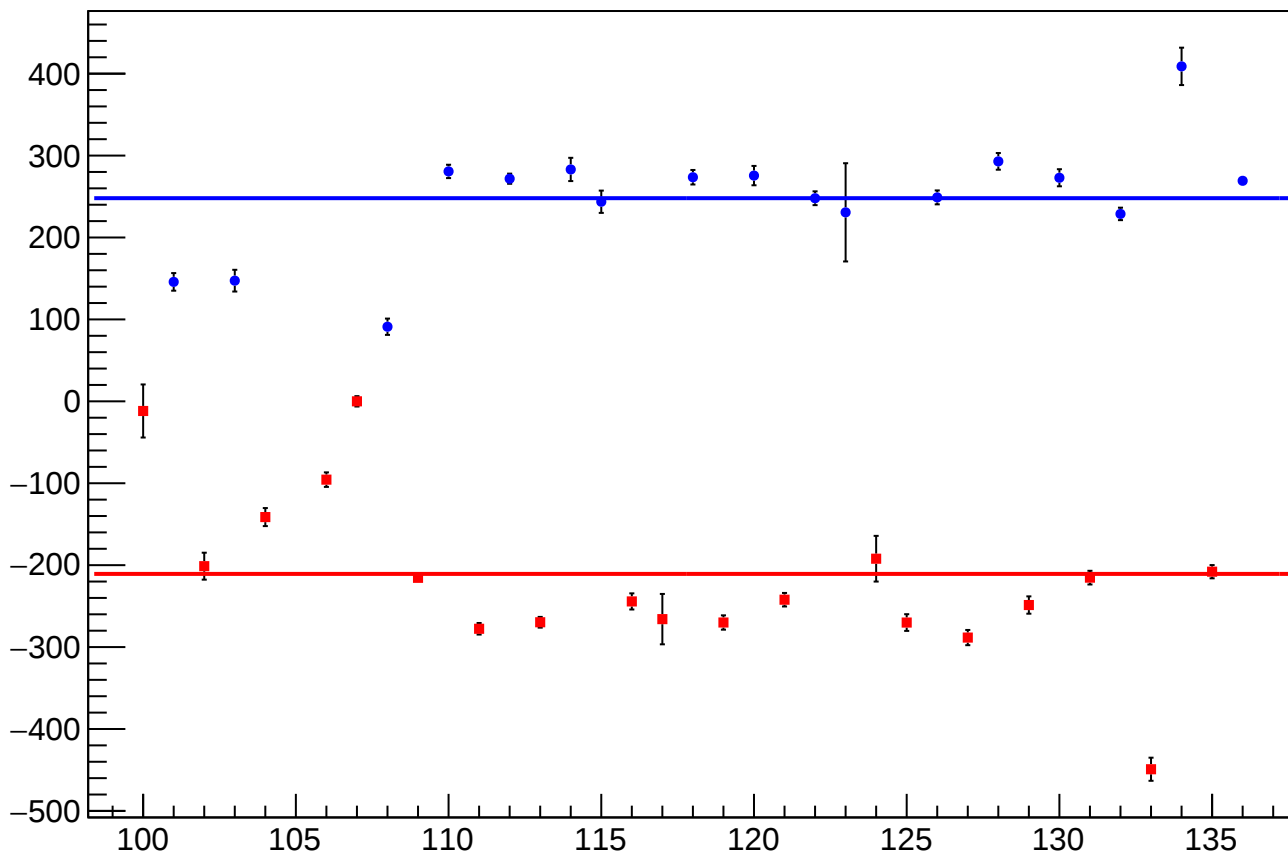
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-53.264+/-0.070 χ^2/NDF : 1225492.9/16

-2.177+/-0.051 χ^2/NDF : 3228065.6/35

52.599+/-0.073 χ^2/NDF : 911724.5/18

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 247.995 $\pm$ 2.290 χ^2 /NDF: 541.7/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -210.671 $\pm$ 2.086 χ^2 /NDF: 2005.1/18

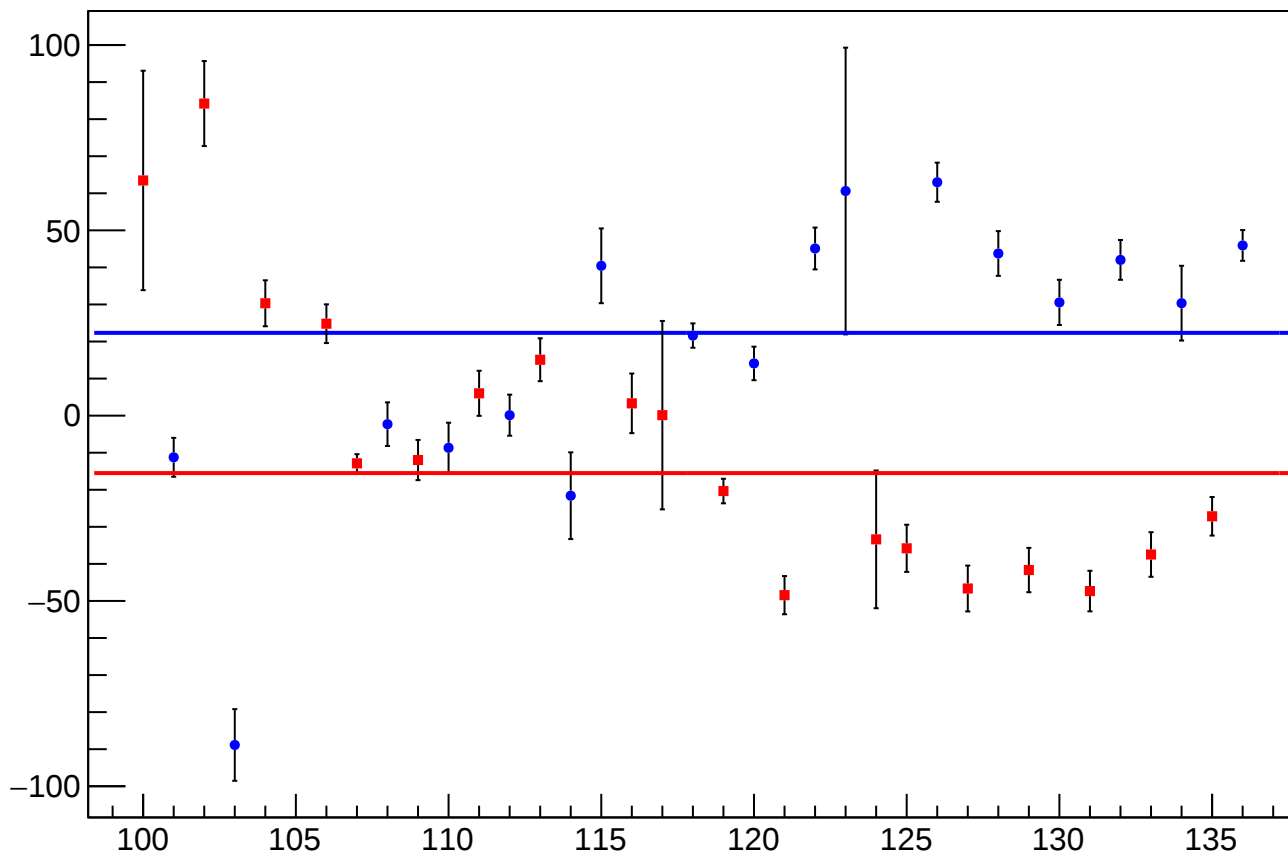
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

247.995 $\pm$ 2.290 χ^2 /NDF: 541.7/16

-2.727 $\pm$ 1.542 χ^2 /NDF: 24475.4/35

-210.671 $\pm$ 2.086 χ^2 /NDF: 2005.1/18

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.342+/-1.395 χ^2/NDF : 385.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.500+/-1.239 χ^2/NDF : 395.4/18

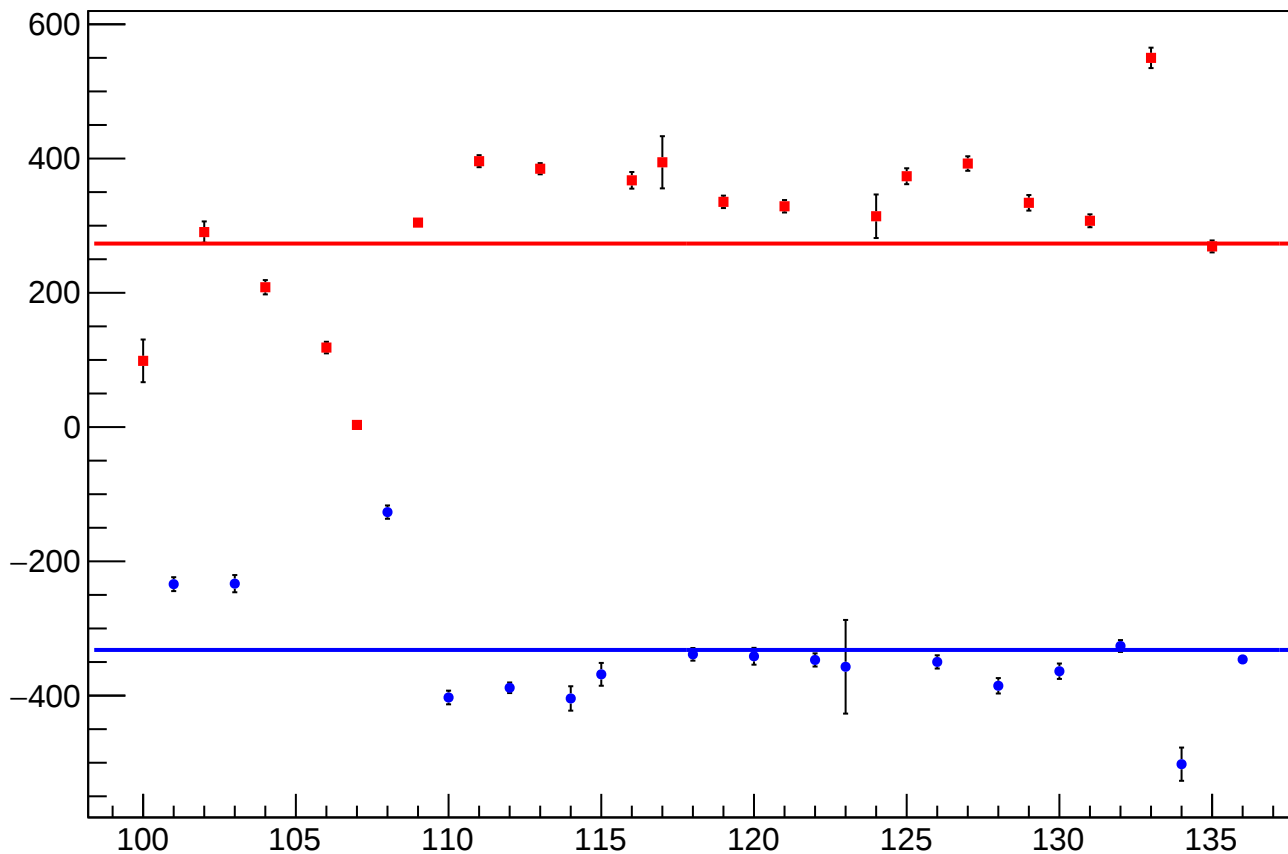
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.342+/-1.395 χ^2/NDF : 385.8/16

1.180+/-0.926 χ^2/NDF : 1192.6/35

-15.500+/-1.239 χ^2/NDF : 395.4/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 273.355+/-2.355 χ^2/NDF : 3319.4/18

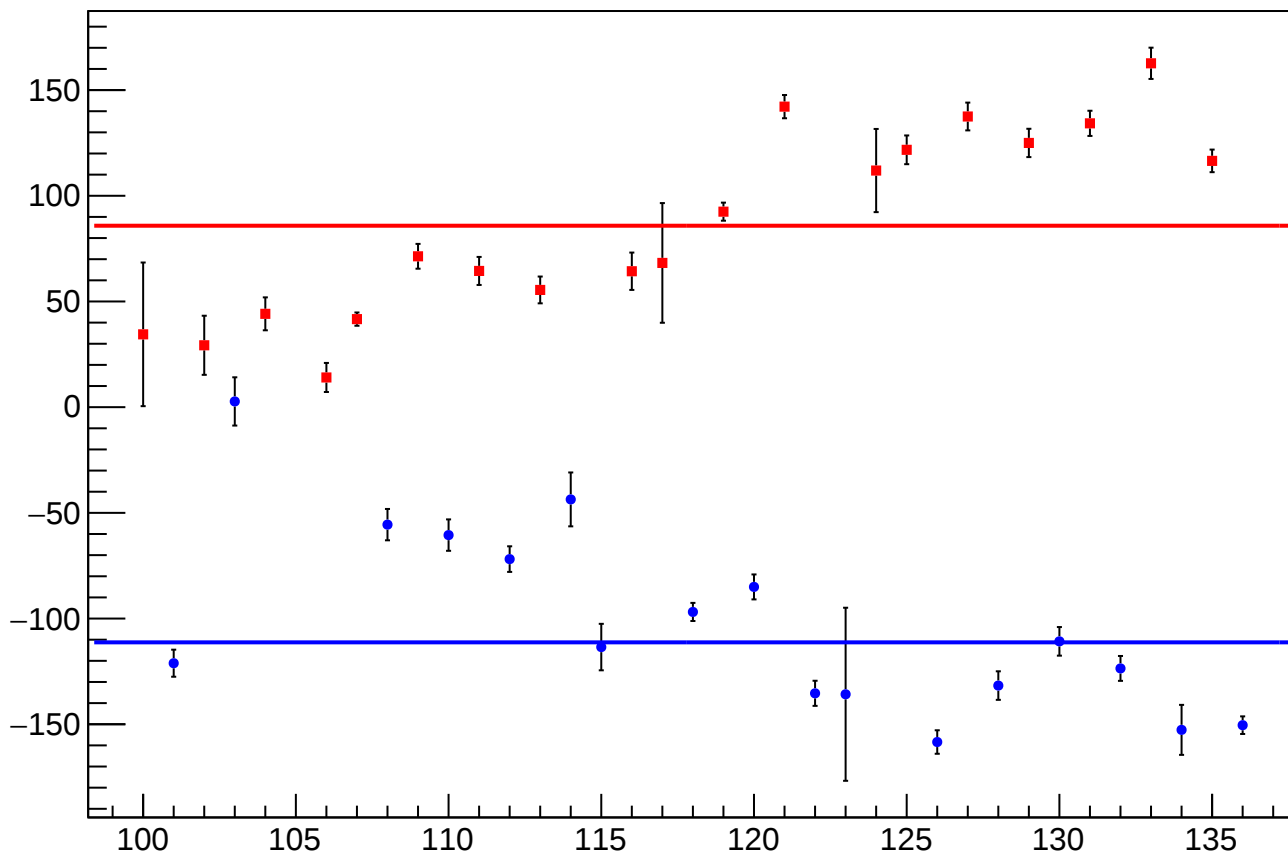
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-331.989+/-2.580 χ^2/NDF : 785.0/16

-1.774+/-1.739 χ^2/NDF : 34130.0/35

273.355+/-2.355 χ^2/NDF : 3319.4/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.835+/-1.451 χ^2/NDF : 840.3/18

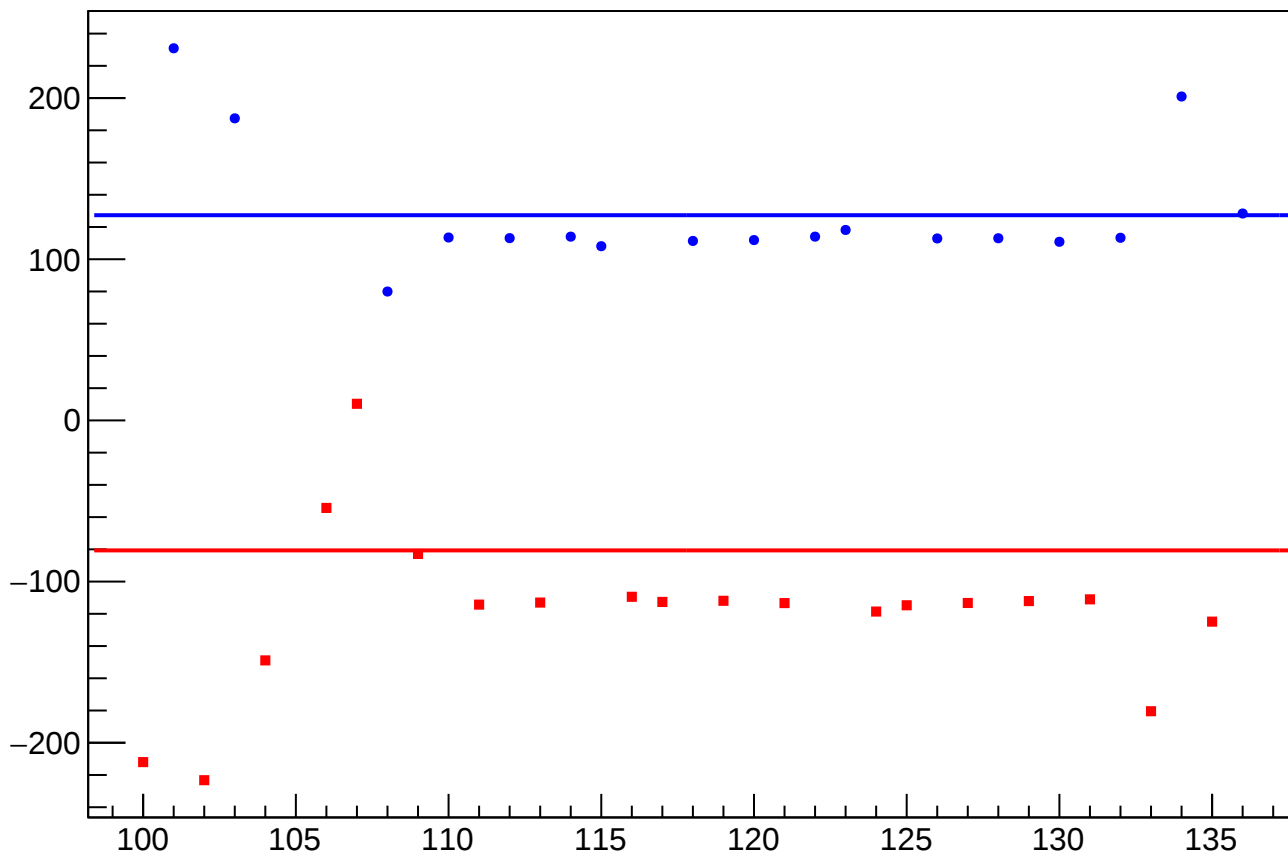
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-111.257+/-1.597 χ^2/NDF : 509.6/16

-3.290+/-1.074 χ^2/NDF : 9691.4/35

85.835+/-1.451 χ^2/NDF : 840.3/18

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.323+/-0.089 χ^2/NDF : 187776.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -80.654+/-0.077 χ^2/NDF : 749624.6/18

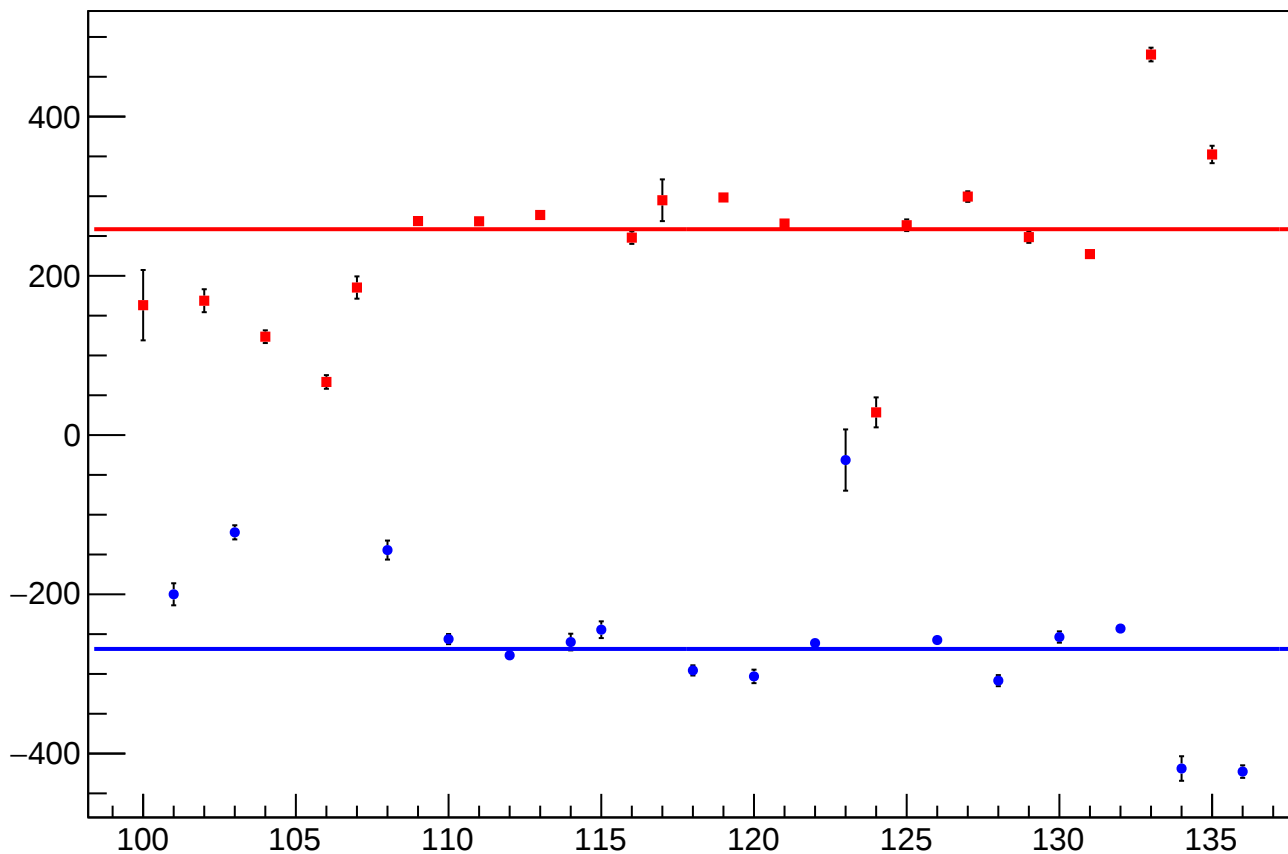
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

127.323+/-0.089 χ^2/NDF : 187776.4/16

7.839+/-0.058 χ^2/NDF : 4043656.0/35

-80.654+/-0.077 χ^2/NDF : 749624.6/18

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -268.595+/-1.830 χ^2/NDF : 1029.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 258.563+/-1.729 χ^2/NDF : 1865.5/18

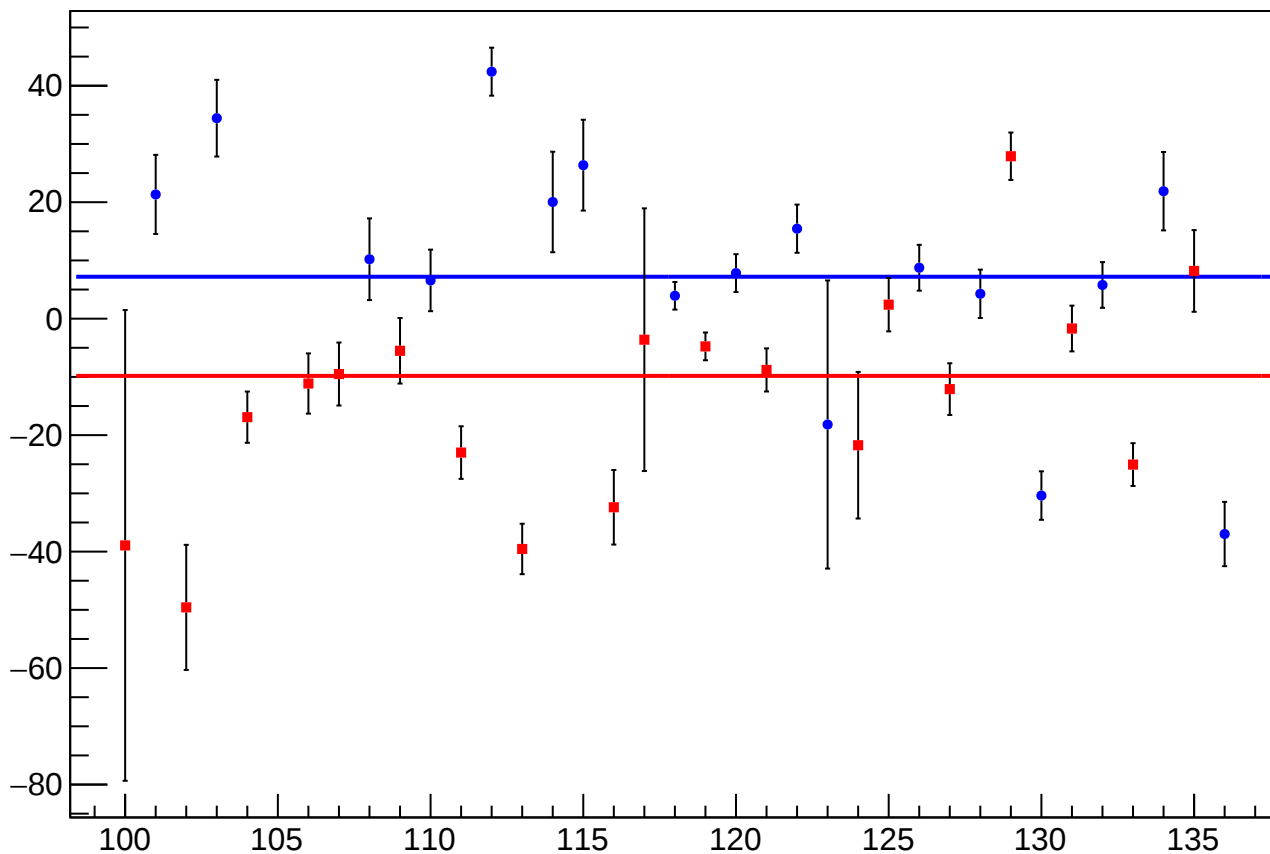
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-268.595+/-1.830 χ^2/NDF : 1029.9/16

9.876+/-1.257 χ^2/NDF : 46749.3/35

258.563+/-1.729 χ^2/NDF : 1865.5/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.825+/-1.074 χ^2/NDF : 212.4/18

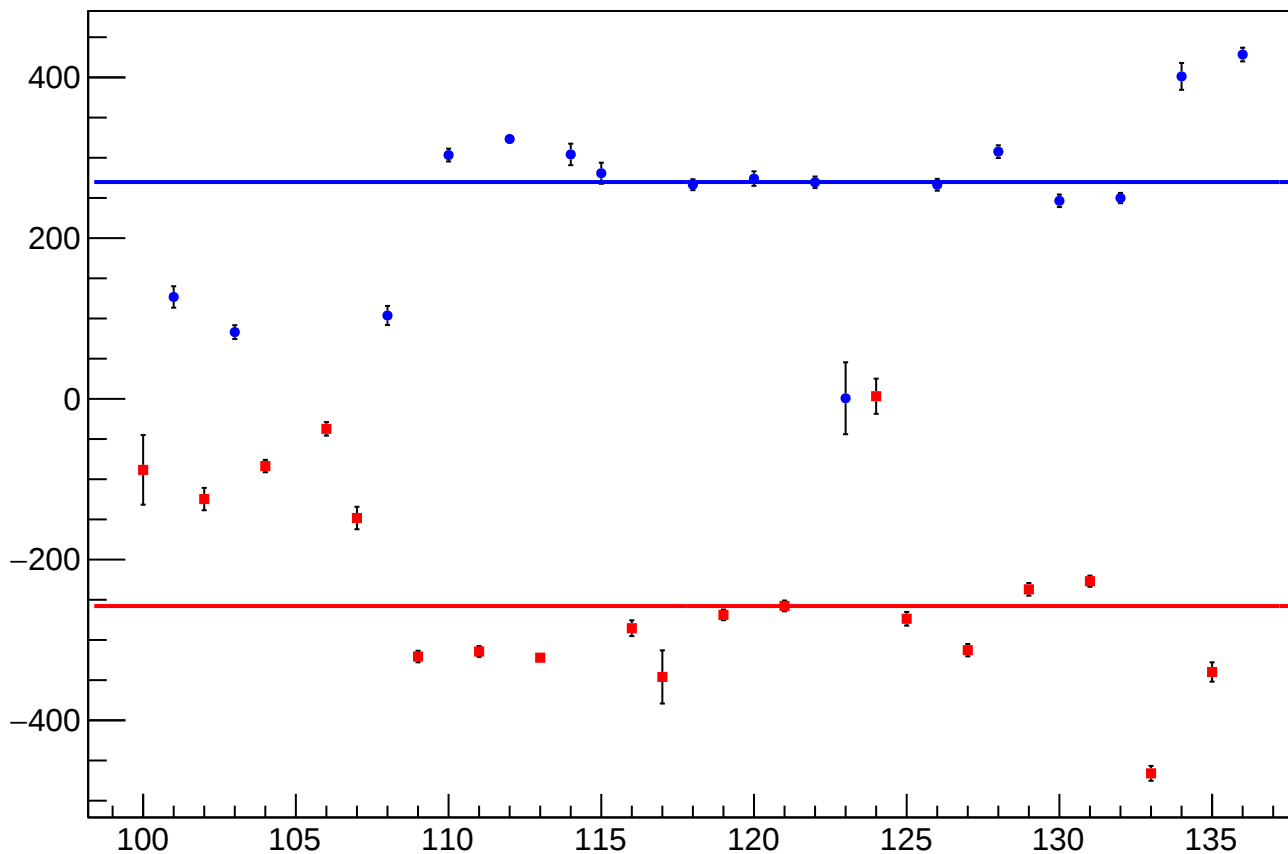
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7.199+/-1.103 χ^2/NDF : 260.9/16

-1.537+/-0.770 χ^2/NDF : 595.6/35

-9.825+/-1.074 χ^2/NDF : 212.4/18

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.806+/-2.089 χ^2/NDF : 1374.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -257.810+/-1.985 χ^2/NDF : 2406.7/18

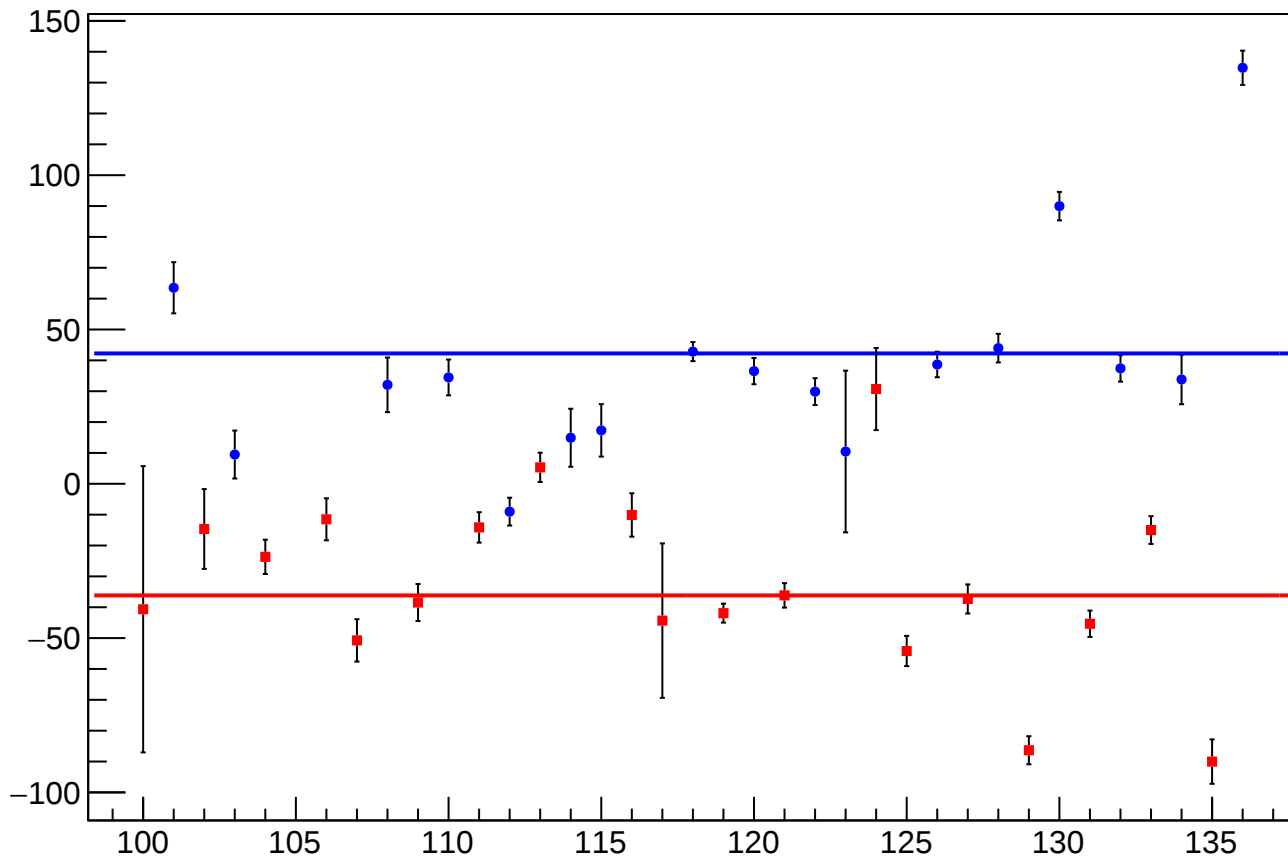
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

269.806+/-2.089 χ^2/NDF : 1374.1/16

-7.533+/-1.439 χ^2/NDF : 37308.7/35

-257.810+/-1.985 χ^2/NDF : 2406.7/18

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.242 $\pm$ 1.274 χ^2 /NDF: 574.4/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -36.167 $\pm$ 1.240 χ^2 /NDF: 382.7/18

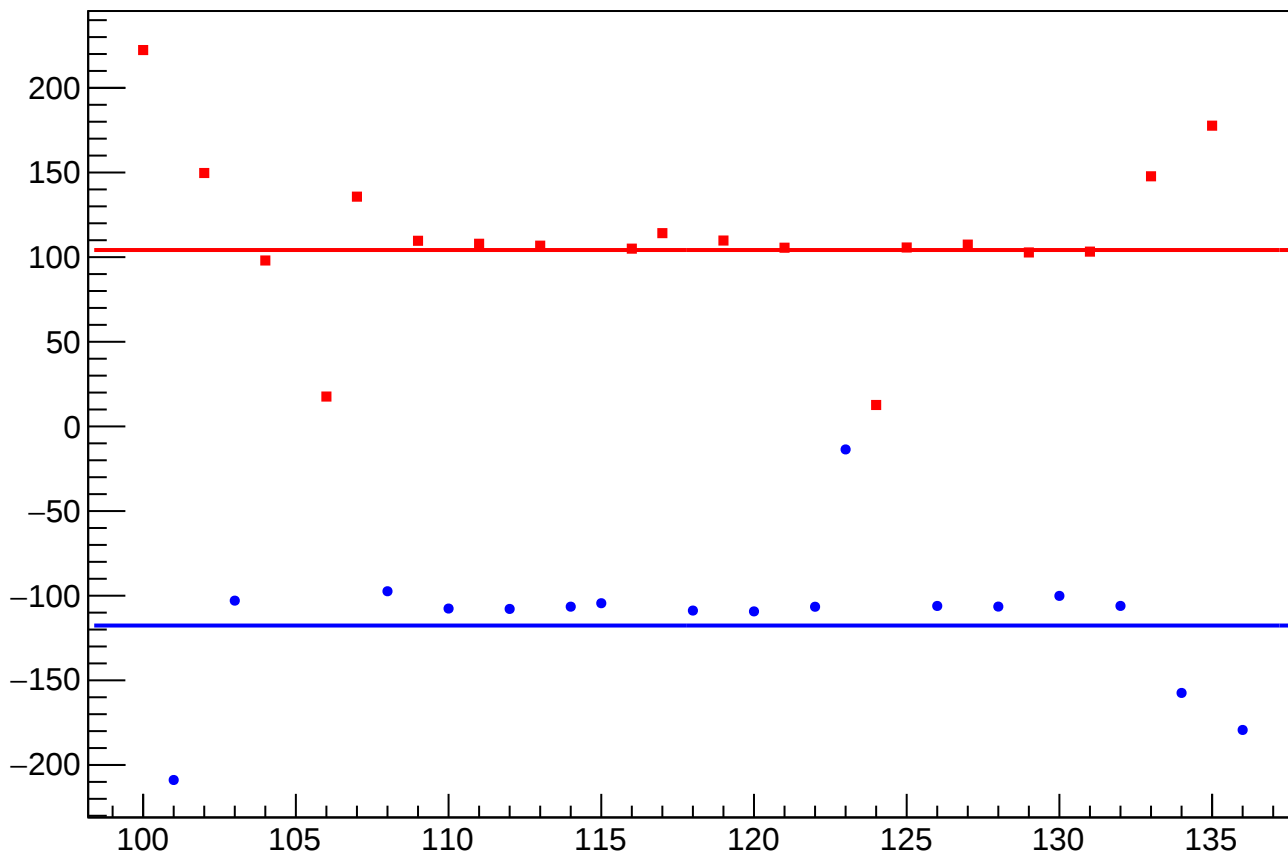
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

42.242 $\pm$ 1.274 χ^2 /NDF: 574.4/16

1.979 $\pm$ 0.888 χ^2 /NDF: 2903.3/35

-36.167 $\pm$ 1.240 χ^2 /NDF: 382.7/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.209+/-0.074 χ^2/NDF : 300284.9/18

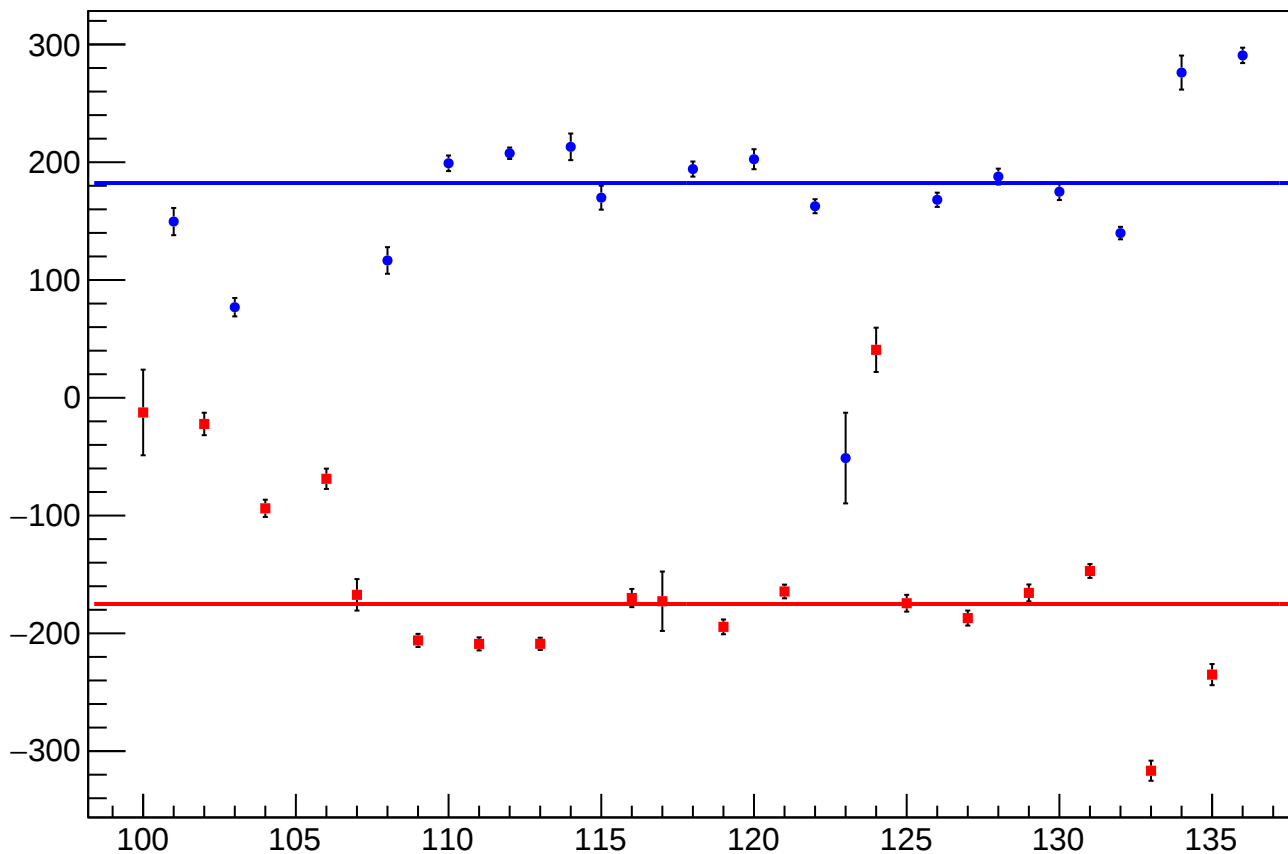
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-117.625+/-0.079 χ^2/NDF : 141872.3/16

0.602+/-0.054 χ^2/NDF : 4695206.1/35

104.209+/-0.074 χ^2/NDF : 300284.9/18

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 182.351+/-1.784 χ^2/NDF : 710.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -175.073+/-1.700 χ^2/NDF : 1154.8/18

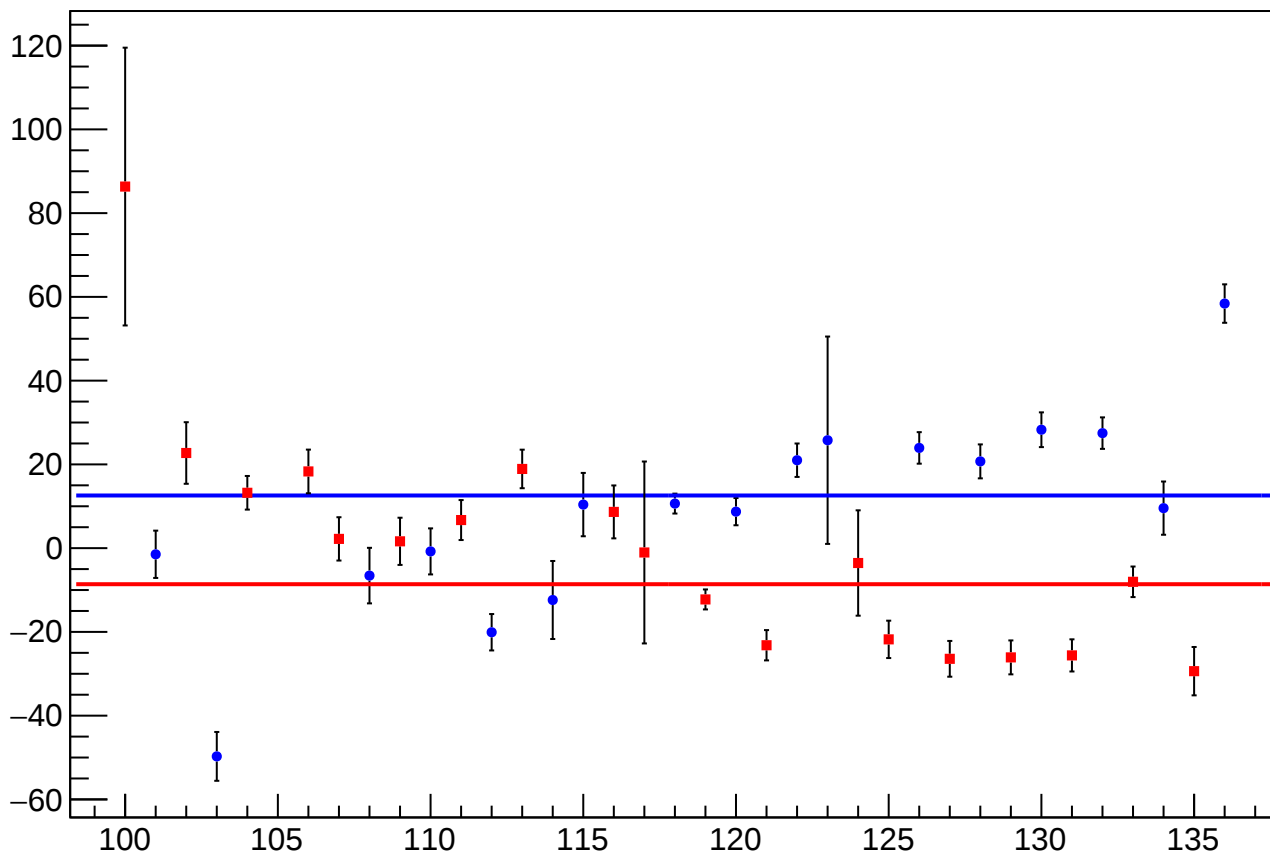
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

182.351+/-1.784 χ^2/NDF : 710.4/16

-4.945+/-1.231 χ^2/NDF : 22894.2/35

-175.073+/-1.700 χ^2/NDF : 1154.8/18

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: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -8.611+/-1.053 χ^2 /NDF: 239.9/18

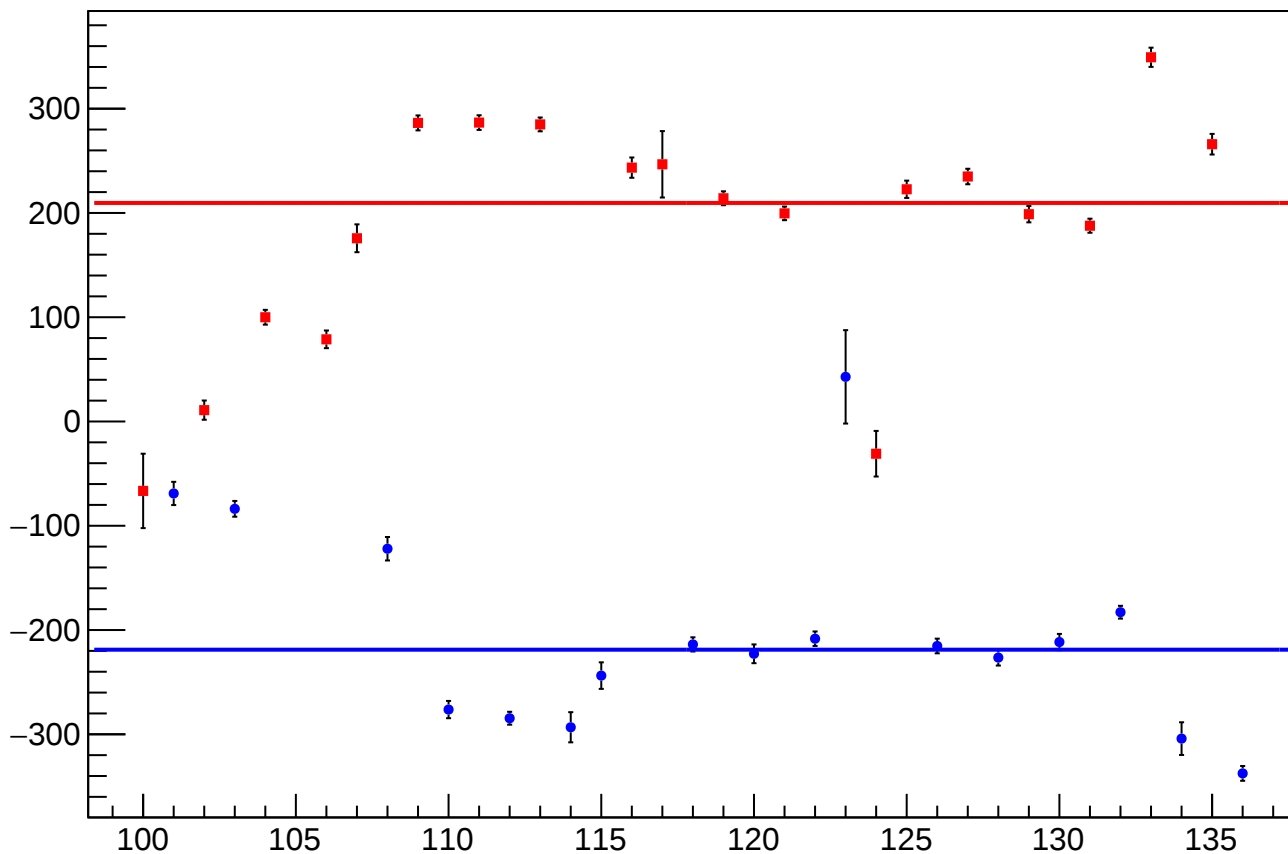
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

12.574+/-1.074 χ^2 /NDF: 348.0/16

1.768+/-0.752 χ^2 /NDF: 786.4/35

-8.611+/-1.053 χ^2 /NDF: 239.9/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 209.592+/-1.936 χ^2/NDF : 1797.5/18

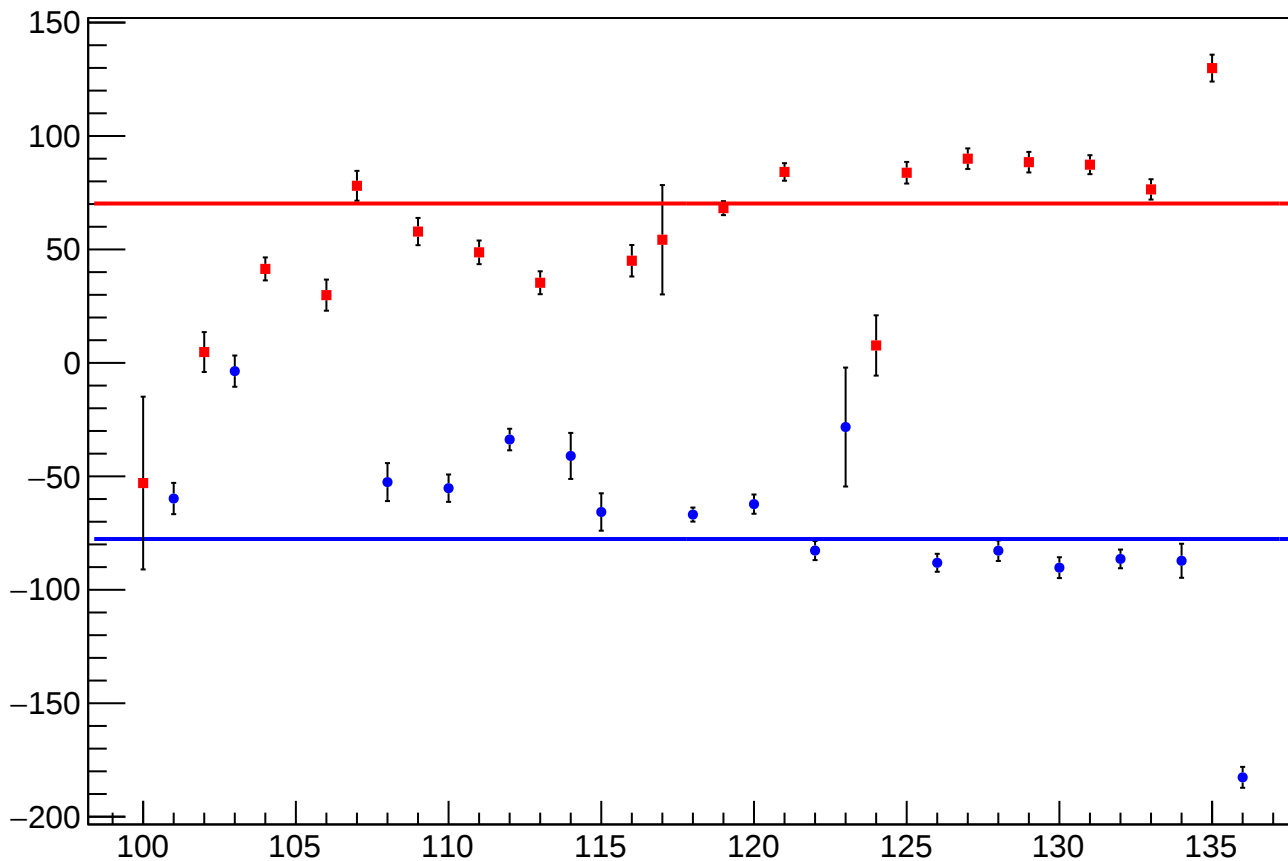
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-218.855+/-2.023 χ^2/NDF : 1146.6/16

4.737+/-1.399 χ^2/NDF : 26363.1/35

209.592+/-1.936 χ^2/NDF : 1797.5/18

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.612 $\pm$ 1.236 χ^2 /NDF: 815.9/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 70.246 $\pm$ 1.214 χ^2 /NDF: 416.1/18

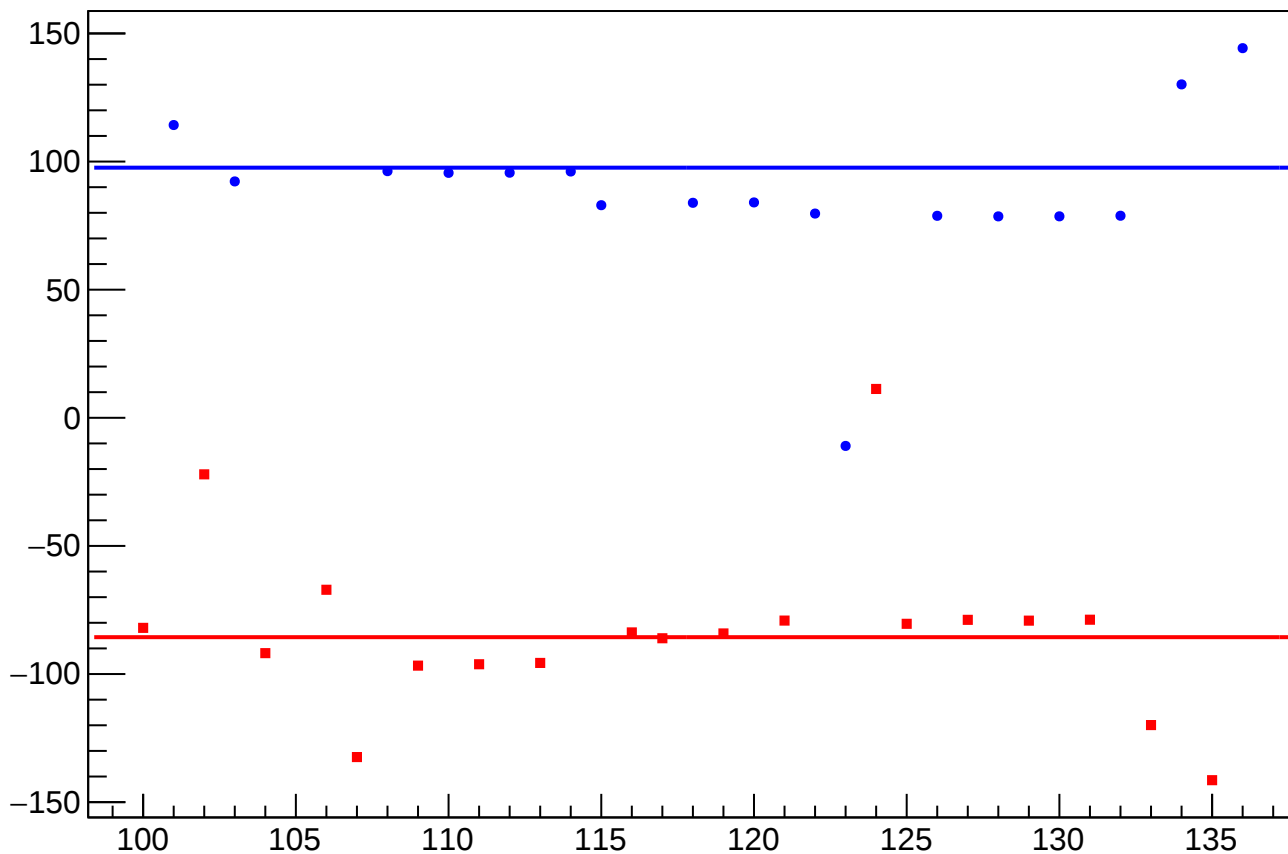
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-77.612 $\pm$ 1.236 χ^2 /NDF: 815.9/16

-2.333 $\pm$ 0.866 χ^2 /NDF: 8512.0/35

70.246 $\pm$ 1.214 χ^2 /NDF: 416.1/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -85.615+/-0.069 χ^2/NDF : 201665.5/18

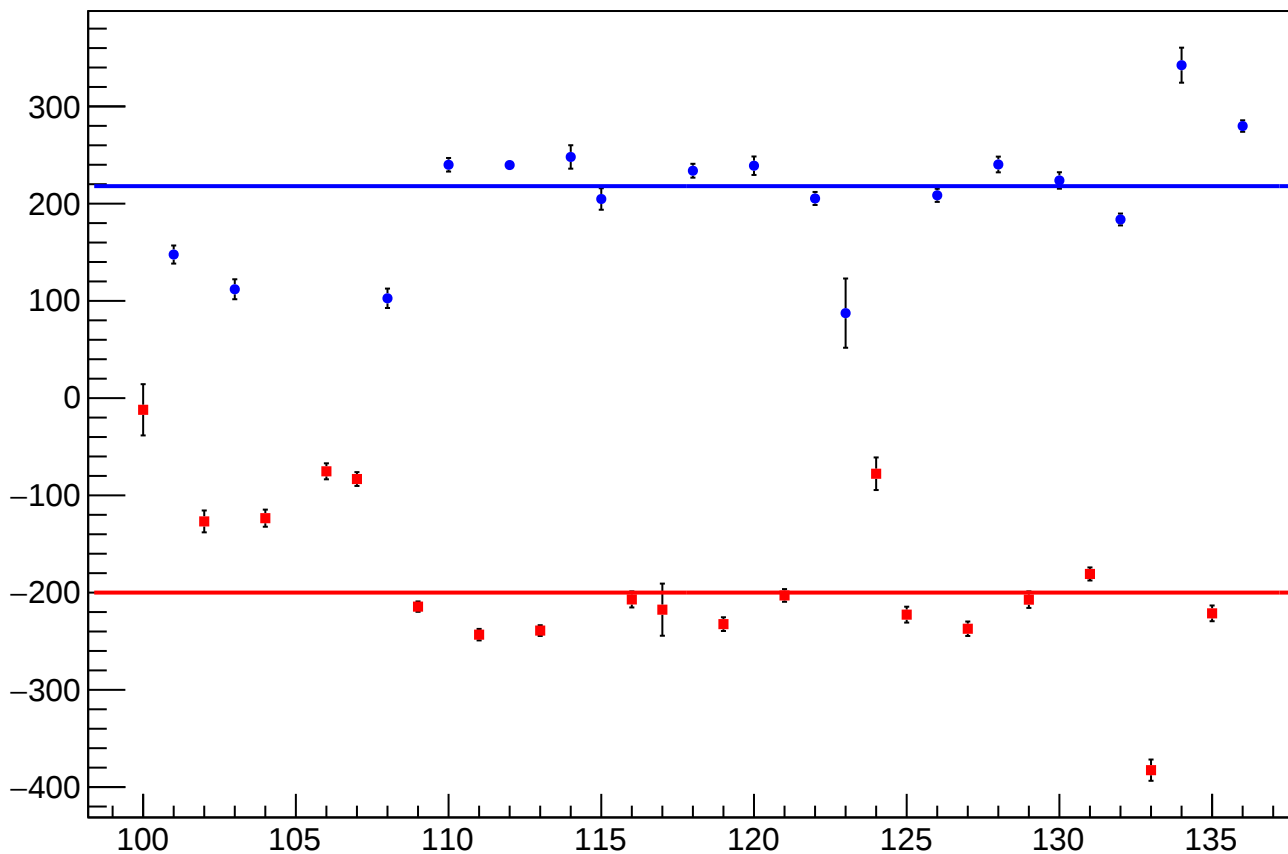
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

97.620+/-0.074 χ^2/NDF : 94045.2/16

0.191+/-0.050 χ^2/NDF : 3581394.2/35

-85.615+/-0.069 χ^2/NDF : 201665.5/18

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 218.005+/-1.932 χ^2/NDF : 558.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -199.978+/-1.797 χ^2/NDF : 1182.8/18

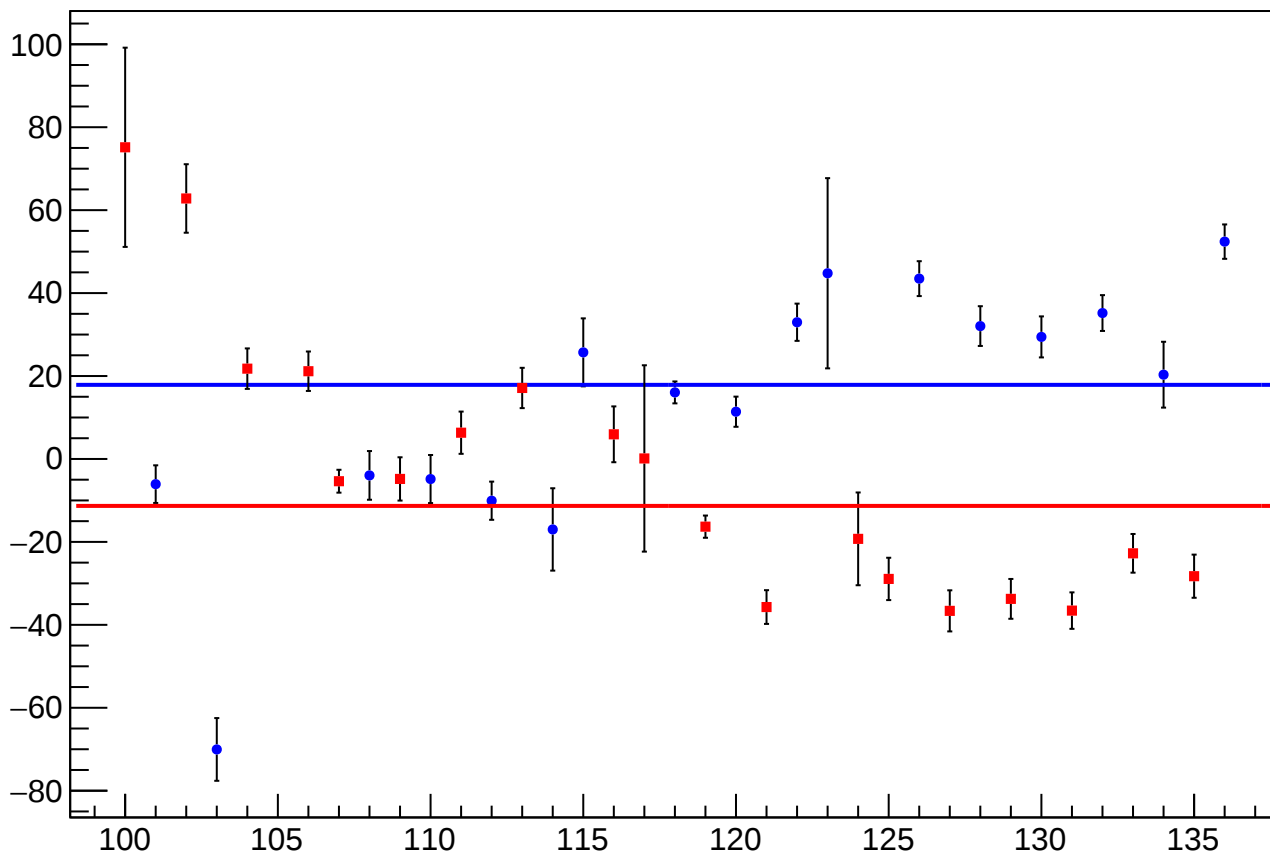
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

218.005+/-1.932 χ^2/NDF : 558.2/16

-6.067+/-1.316 χ^2/NDF : 26830.2/35

-199.978+/-1.797 χ^2/NDF : 1182.8/18

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: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -11.319+/-1.091 χ^2 /NDF: 394.7/18

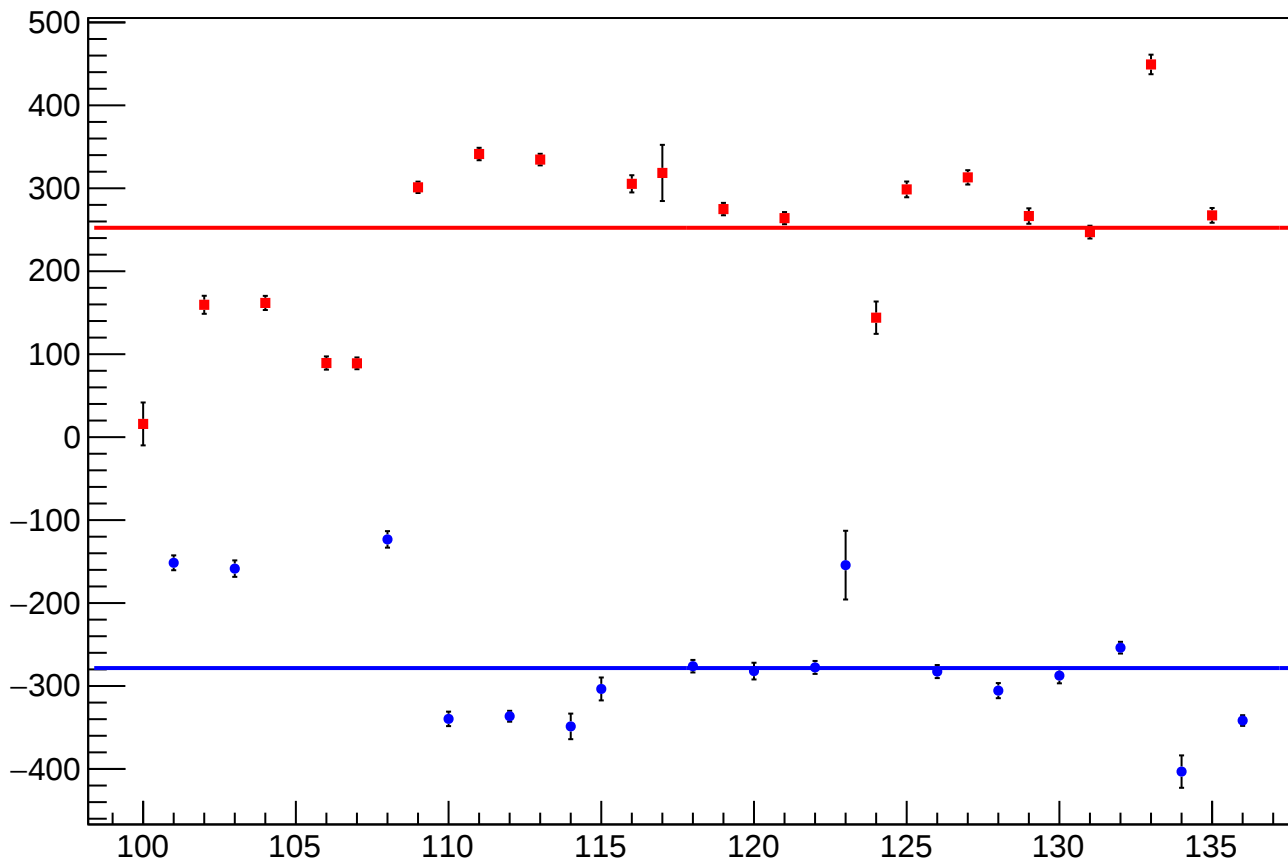
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

17.872+/-1.166 χ^2 /NDF: 395.3/16

2.307+/-0.797 χ^2 /NDF: 1124.3/35

-11.319+/-1.091 χ^2 /NDF: 394.7/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 252.400+/-2.039 χ^2/NDF : 1976.3/18

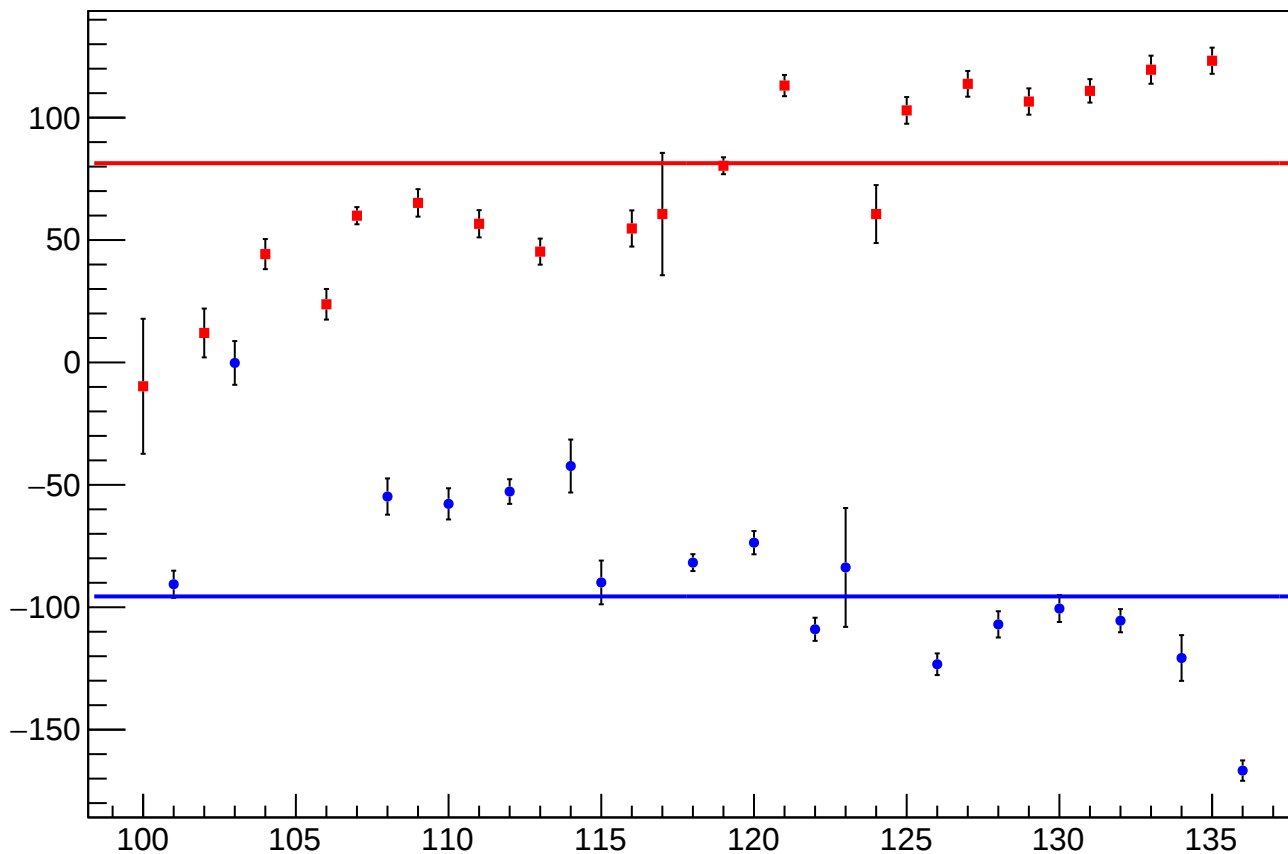
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-278.380+/-2.185 χ^2/NDF : 910.6/16

5.348+/-1.491 χ^2/NDF : 34435.8/35

252.400+/-2.039 χ^2/NDF : 1976.3/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.400+/-1.268 χ^2/NDF : 581.9/18

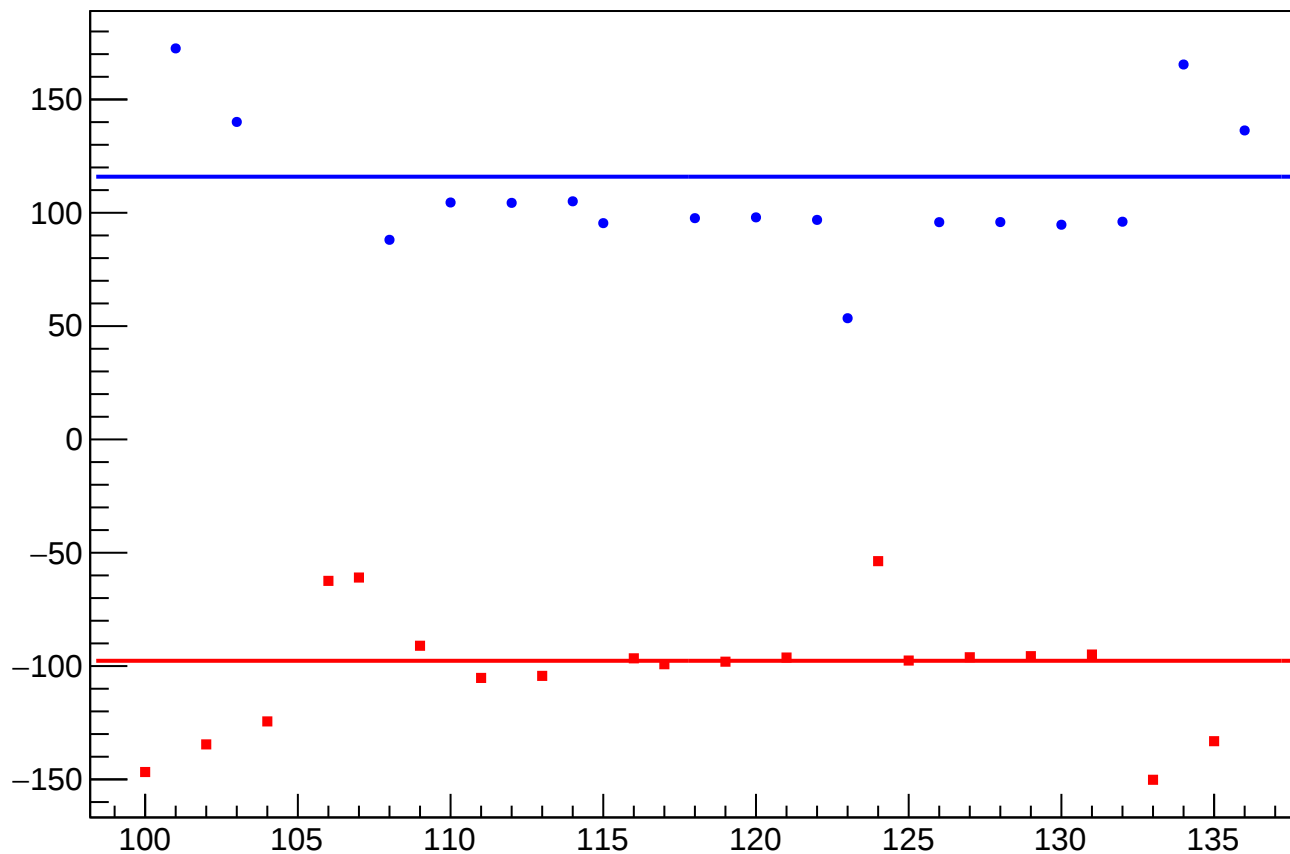
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-95.576+/-1.340 χ^2/NDF : 671.2/16

-2.208+/-0.921 χ^2/NDF : 10449.3/35

81.400+/-1.268 χ^2/NDF : 581.9/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -97.670+/-0.070 χ^2/NDF : 162908.3/18

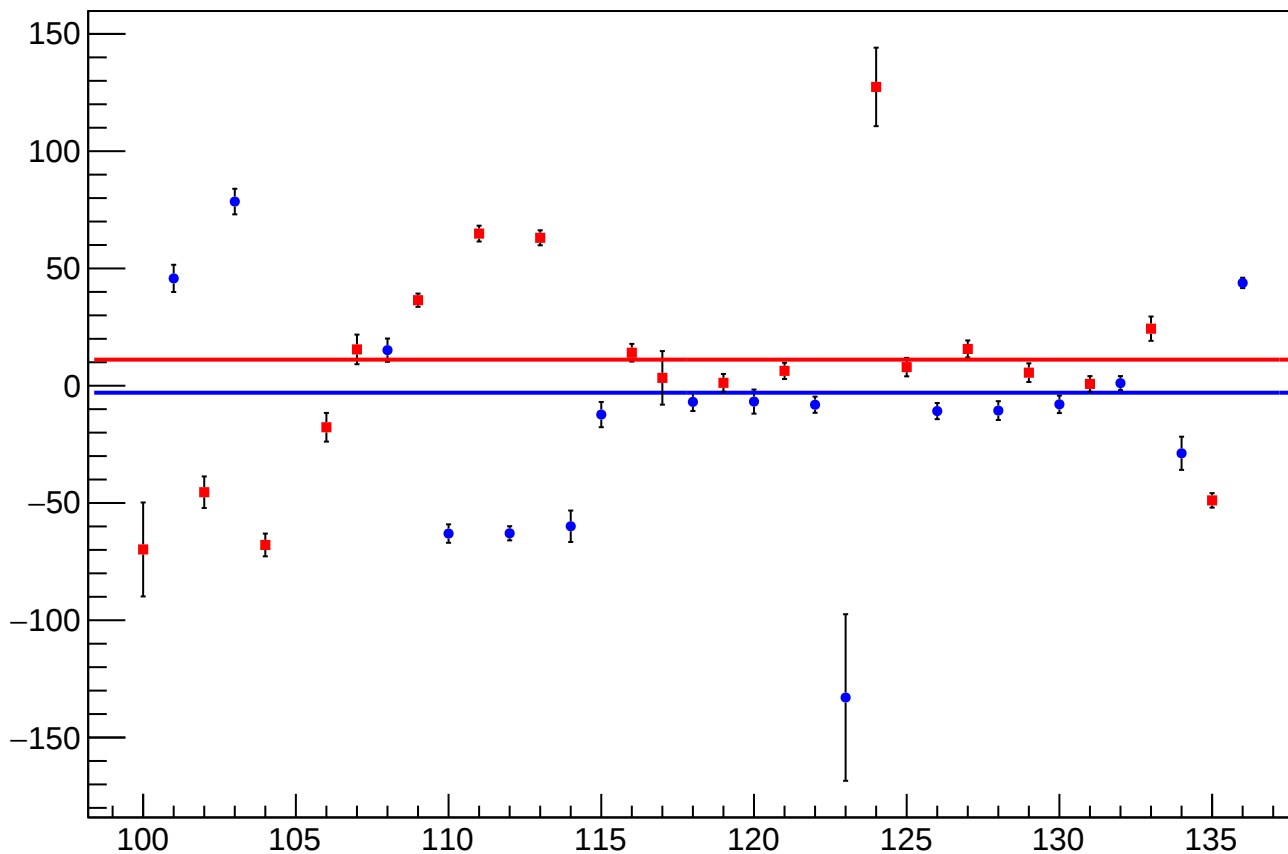
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

115.927+/-0.078 χ^2/NDF : 105791.4/16

-3.376+/-0.052 χ^2/NDF : 4412012.6/35

-97.670+/-0.070 χ^2/NDF : 162908.3/18

reg_asym_atl_dd_atr_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -2.980 ± 0.963 χ^2/NDF : 1500.4/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 11.125 ± 0.954 χ^2/NDF : 1427.0/18

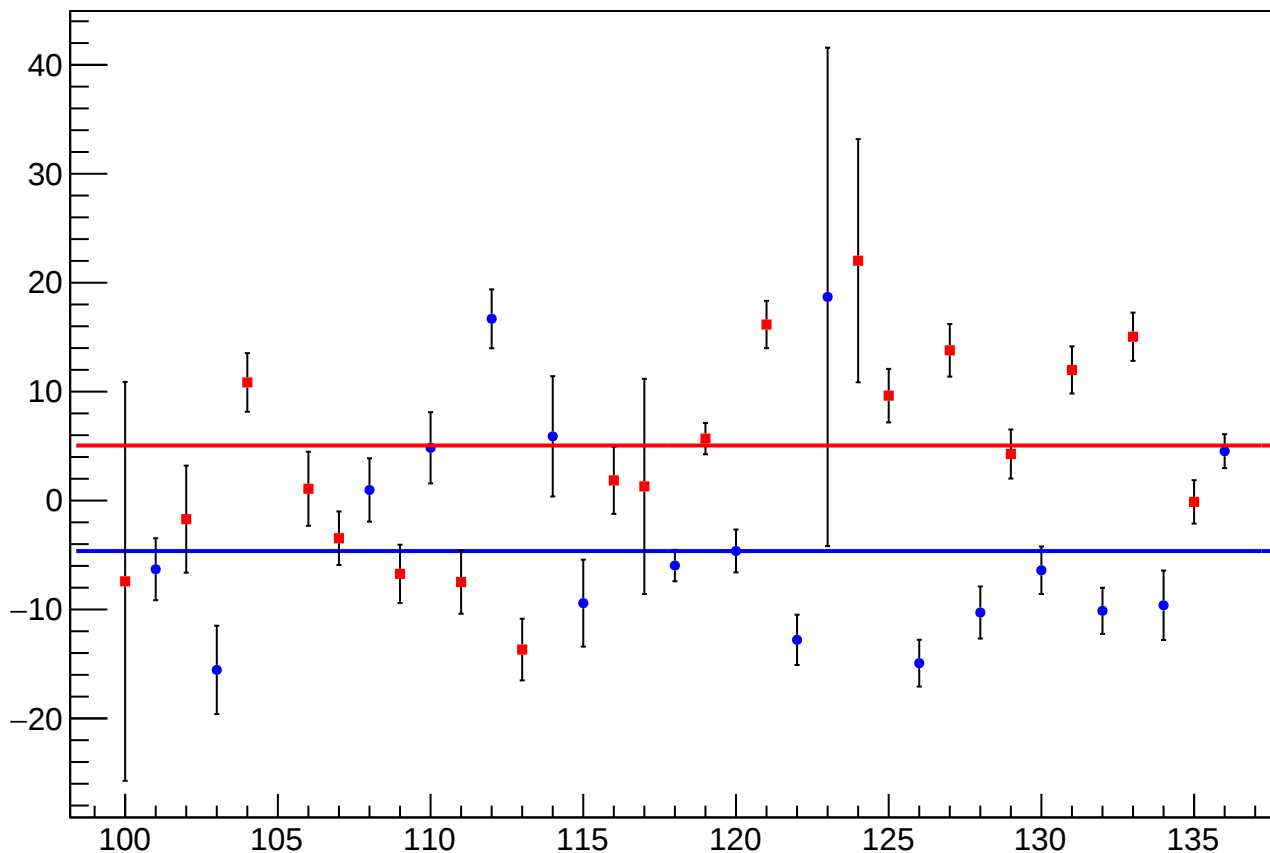
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2.980 ± 0.963 χ^2/NDF : 1500.4/16

4.143 ± 0.678 χ^2/NDF : 3035.7/35

11.125 ± 0.954 χ^2/NDF : 1427.0/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.054+/-0.593 χ^2/NDF : 186.1/18

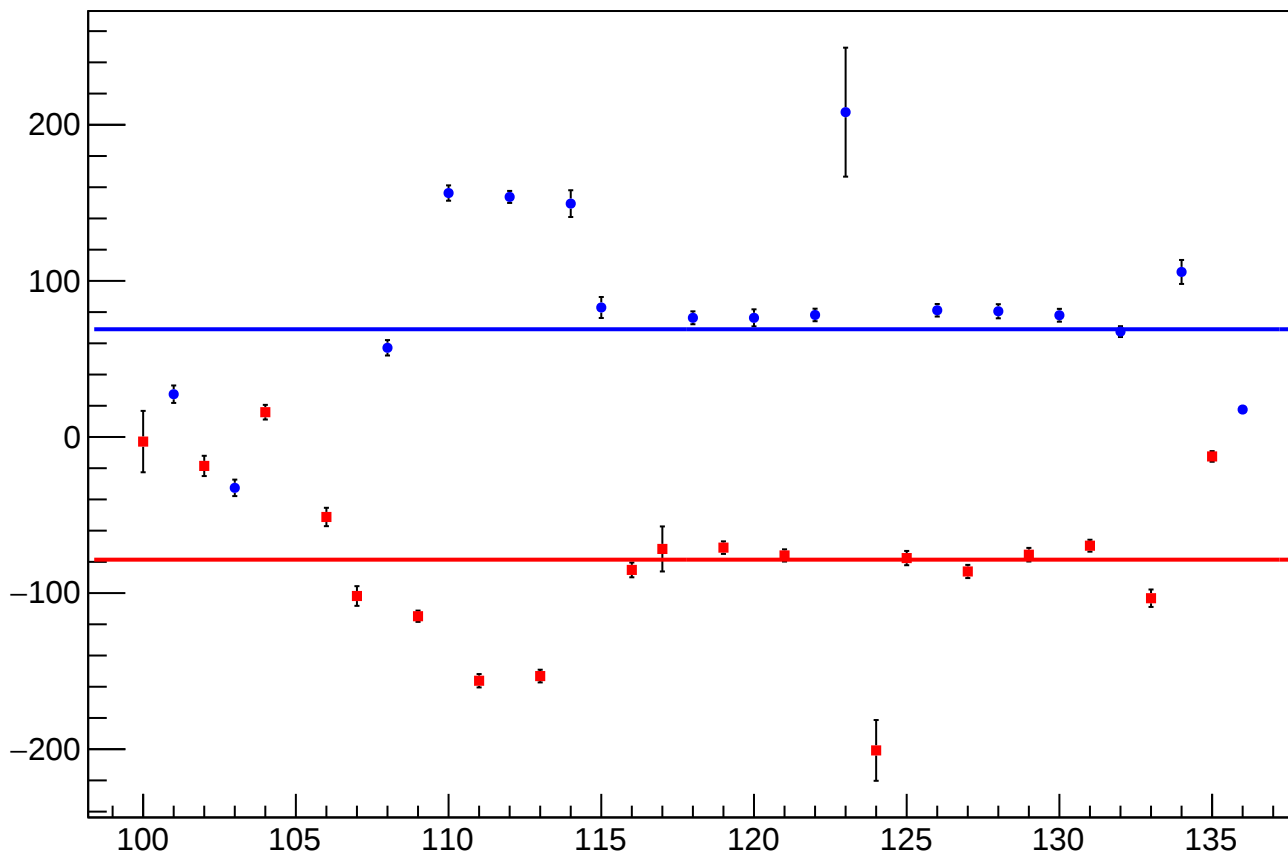
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.637+/-0.588 χ^2/NDF : 174.4/16

0.162+/-0.418 χ^2/NDF : 495.2/35

5.054+/-0.593 χ^2/NDF : 186.1/18

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 69.019+/-1.083 χ^2 /NDF: 1848.0/16

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -78.588+/-1.091 χ^2 /NDF: 1755.7/18

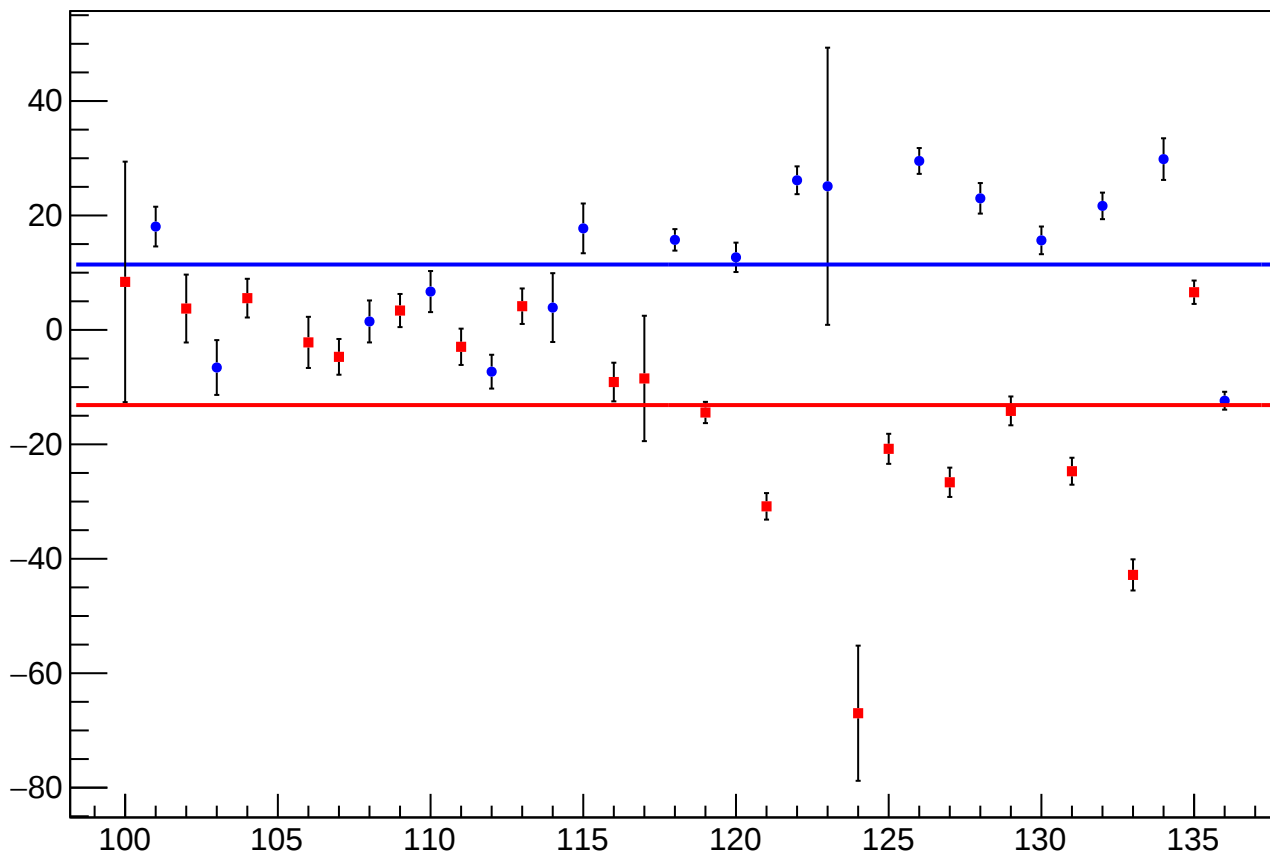
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

69.019+/-1.083 χ^2 /NDF: 1848.0/16

-4.260+/-0.769 χ^2 /NDF: 12818.2/35

-78.588+/-1.091 χ^2 /NDF: 1755.7/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.138+/-0.677 χ^2/NDF : 480.6/18

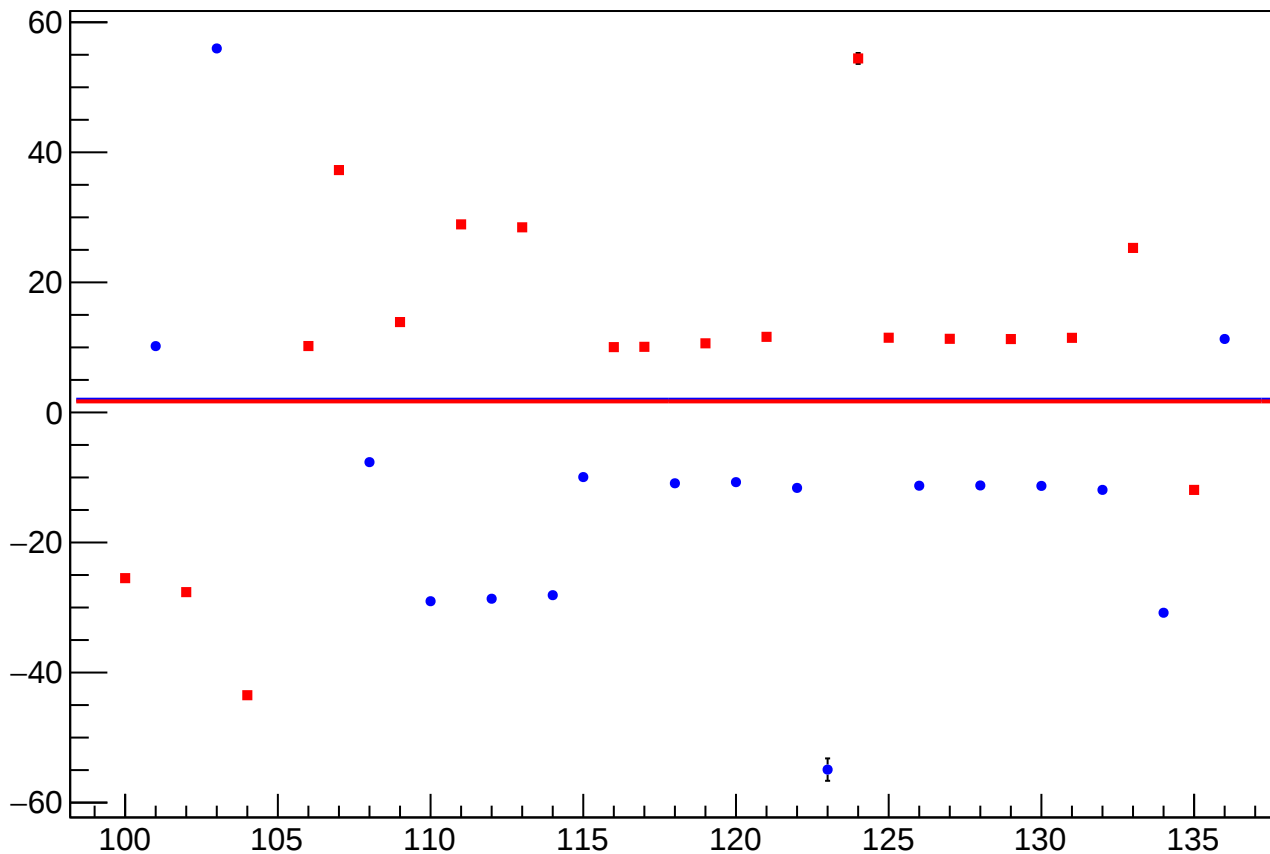
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11.428+/-0.665 χ^2/NDF : 476.8/16

-0.645+/-0.475 χ^2/NDF : 1627.1/35

-13.138+/-0.677 χ^2/NDF : 480.6/18

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.960+/-0.037 χ^2/NDF : 358457.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.697+/-0.039 χ^2/NDF : 352869.1/18

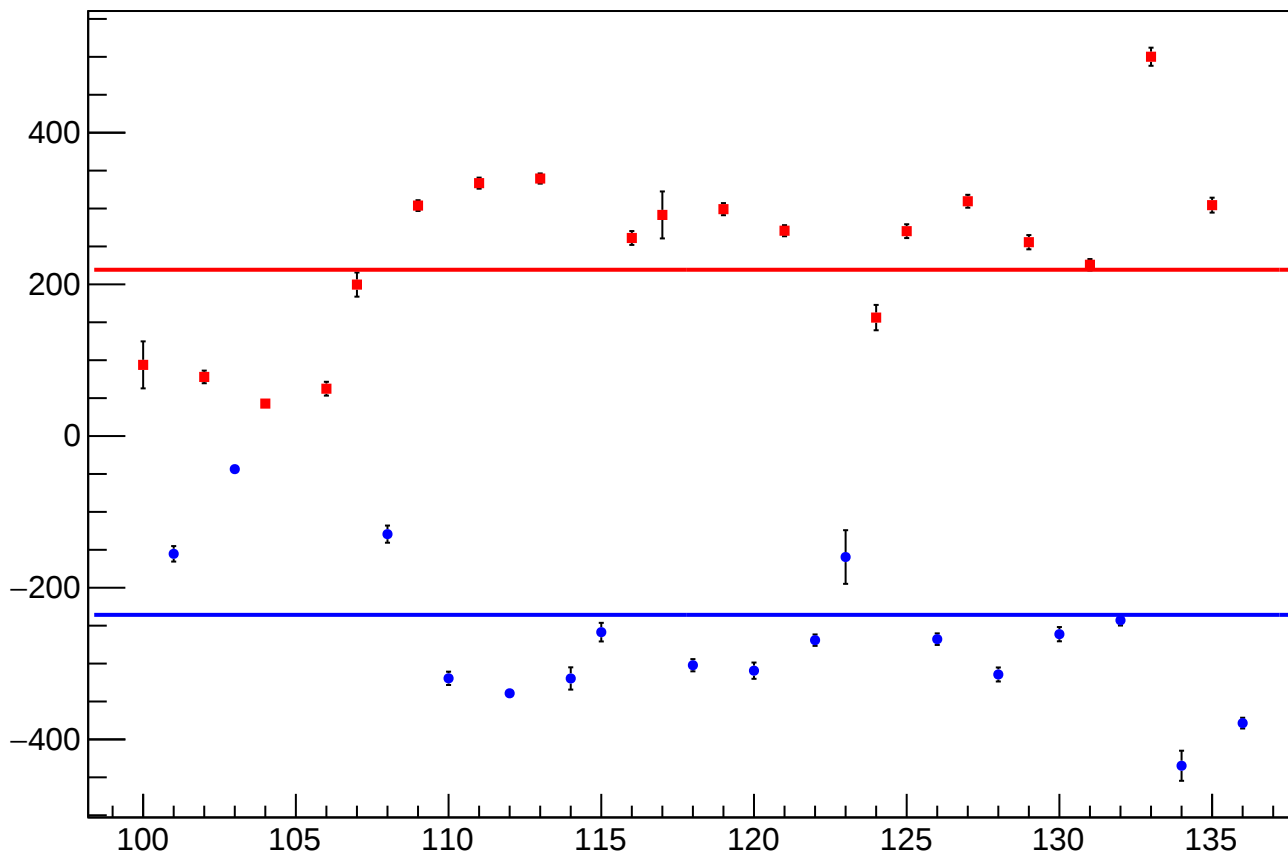
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.960+/-0.037 χ^2/NDF : 358457.0/16

1.833+/-0.027 χ^2/NDF : 711350.1/35

1.697+/-0.039 χ^2/NDF : 352869.1/18

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -235.761+/-2.021 χ^2 /NDF: 3220.4/16

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 219.271+/-1.914 χ^2 /NDF: 4081.5/18

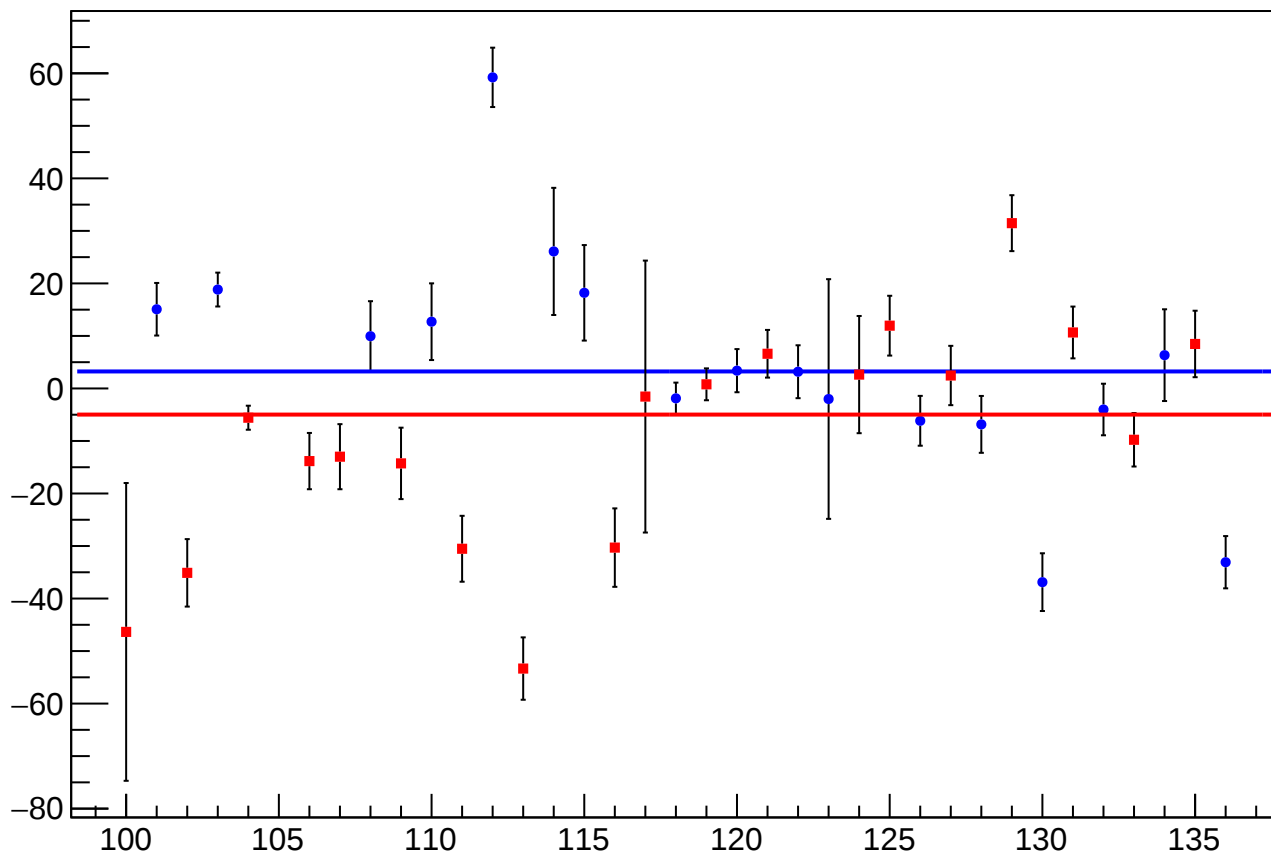
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-235.761+/-2.021 χ^2 /NDF: 3220.4/16

4.099+/-1.390 χ^2 /NDF: 34032.4/35

219.271+/-1.914 χ^2 /NDF: 4081.5/18

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.237+/-1.244 χ^2/NDF : 255.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.976+/-1.163 χ^2/NDF : 208.4/18

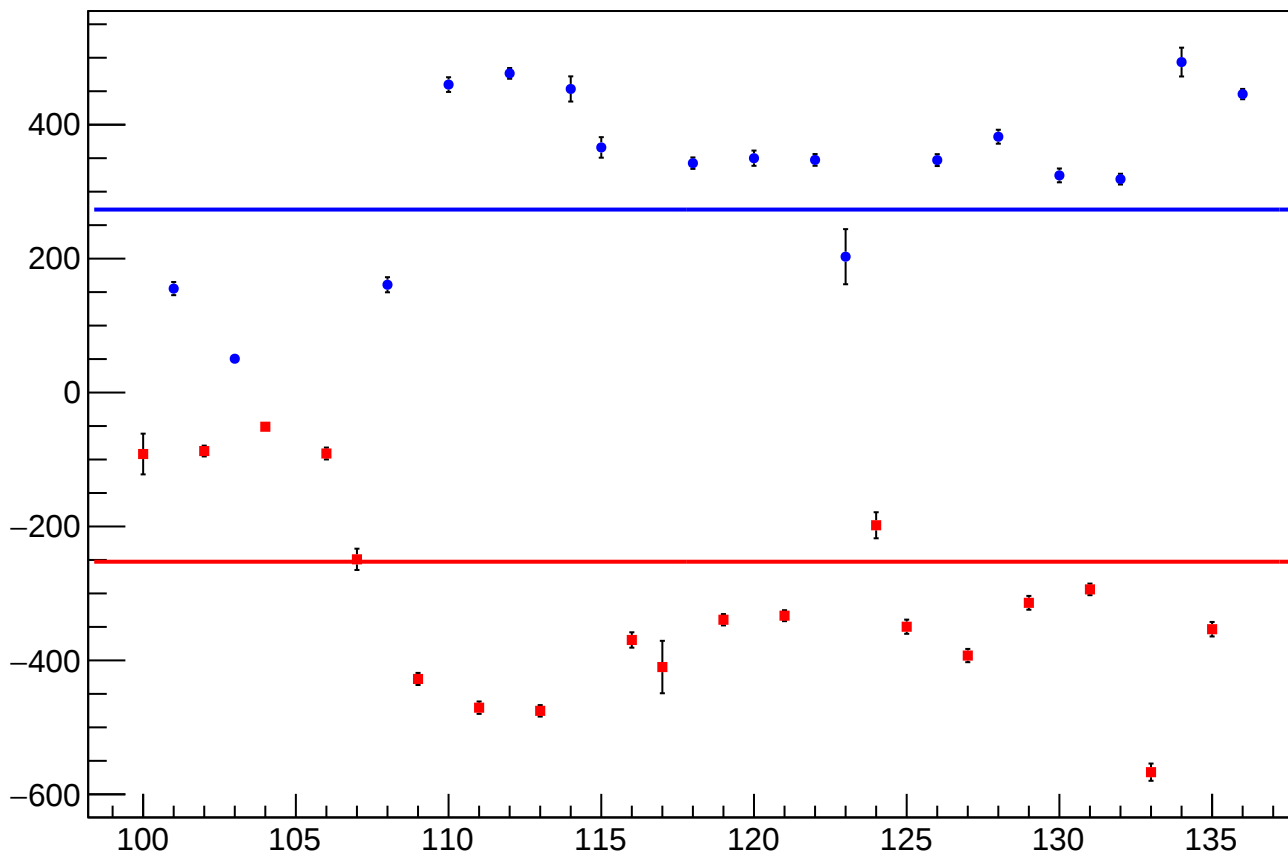
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.237+/-1.244 χ^2/NDF : 255.3/16

-1.145+/-0.849 χ^2/NDF : 486.9/35

-4.976+/-1.163 χ^2/NDF : 208.4/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -252.628+/-2.093 χ^2/NDF : 6241.2/18

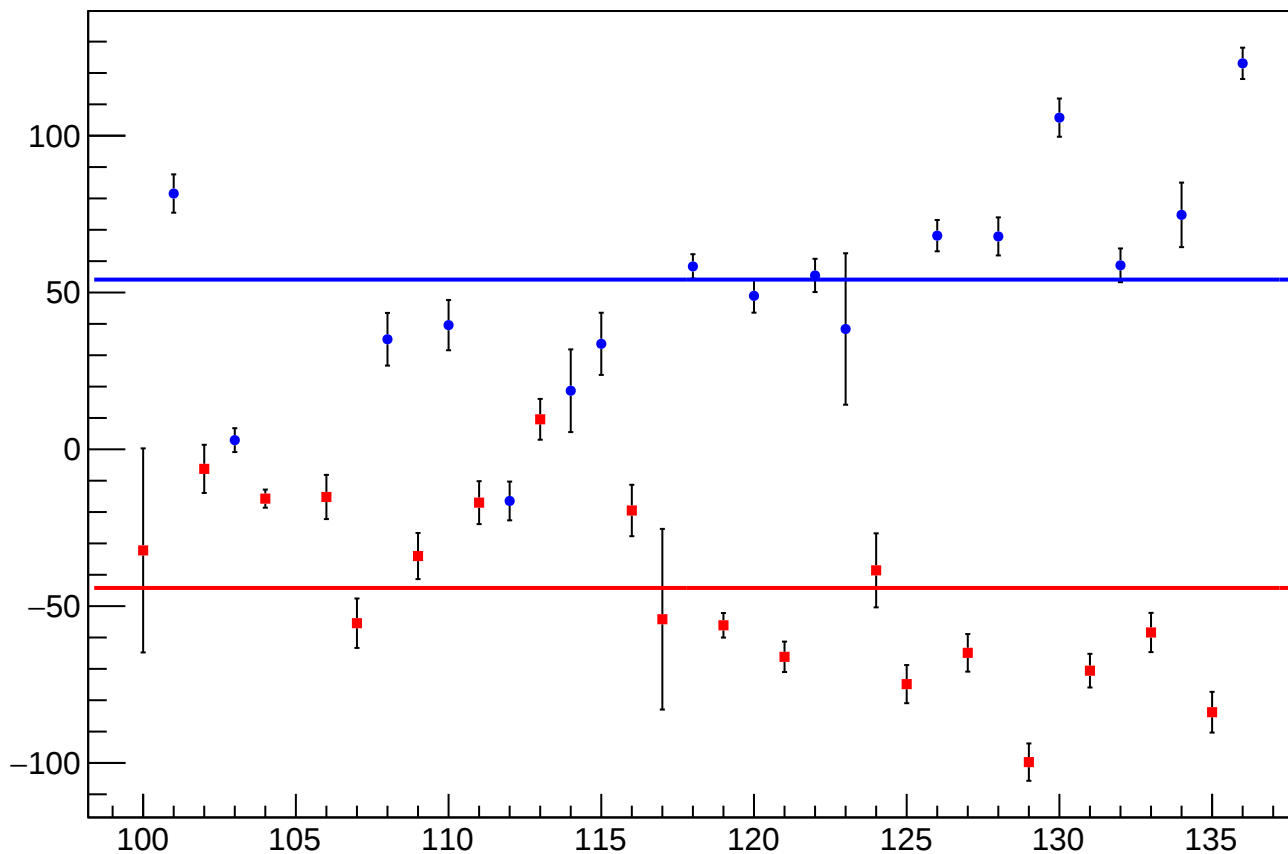
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

273.276+/-2.205 χ^2/NDF : 5101.5/16

-3.329+/-1.518 χ^2/NDF : 41270.1/35

-252.628+/-2.093 χ^2/NDF : 6241.2/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -44.197+/-1.367 χ^2/NDF : 456.6/18

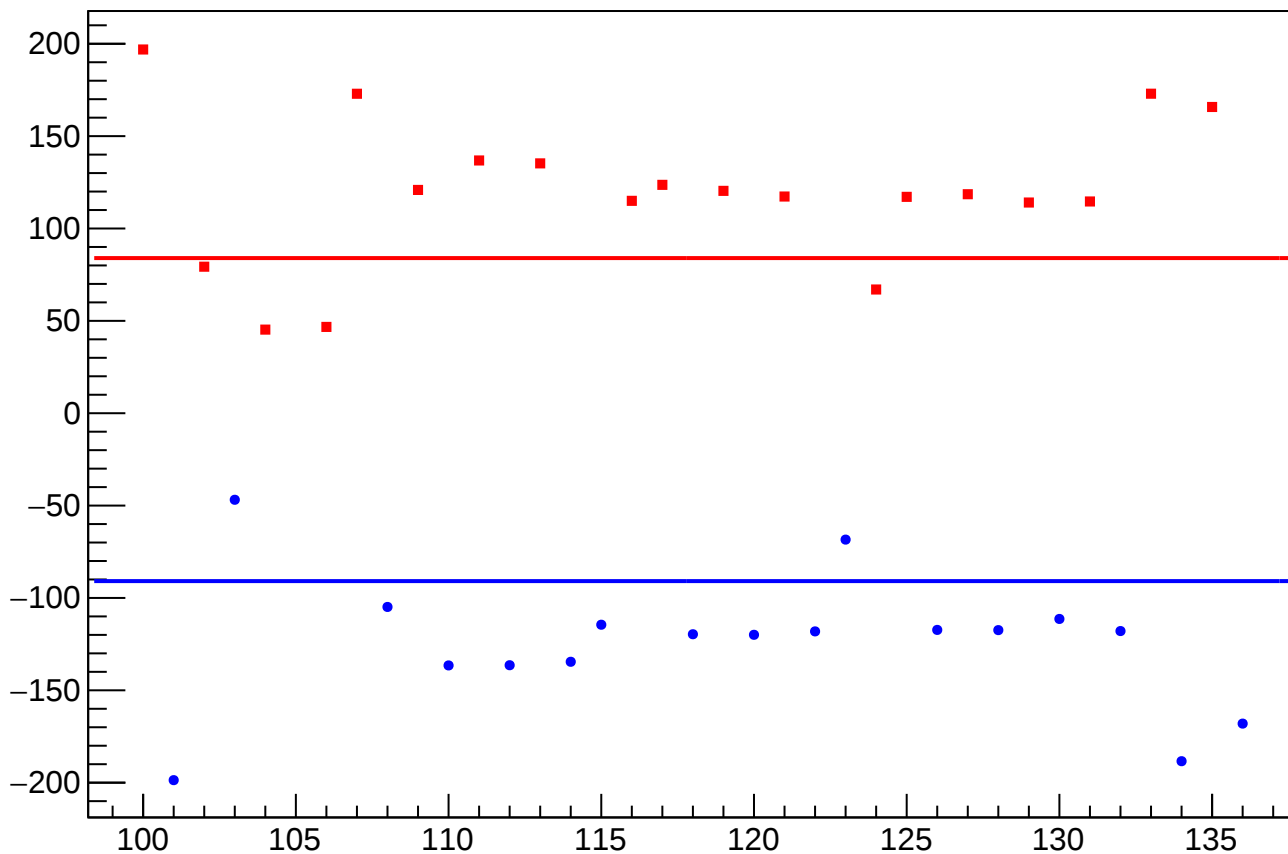
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

54.119+/-1.438 χ^2/NDF : 633.9/16

2.468+/-0.991 χ^2/NDF : 3547.0/35

-44.197+/-1.367 χ^2/NDF : 456.6/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.984+/-0.066 χ^2/NDF : 459343.6/18

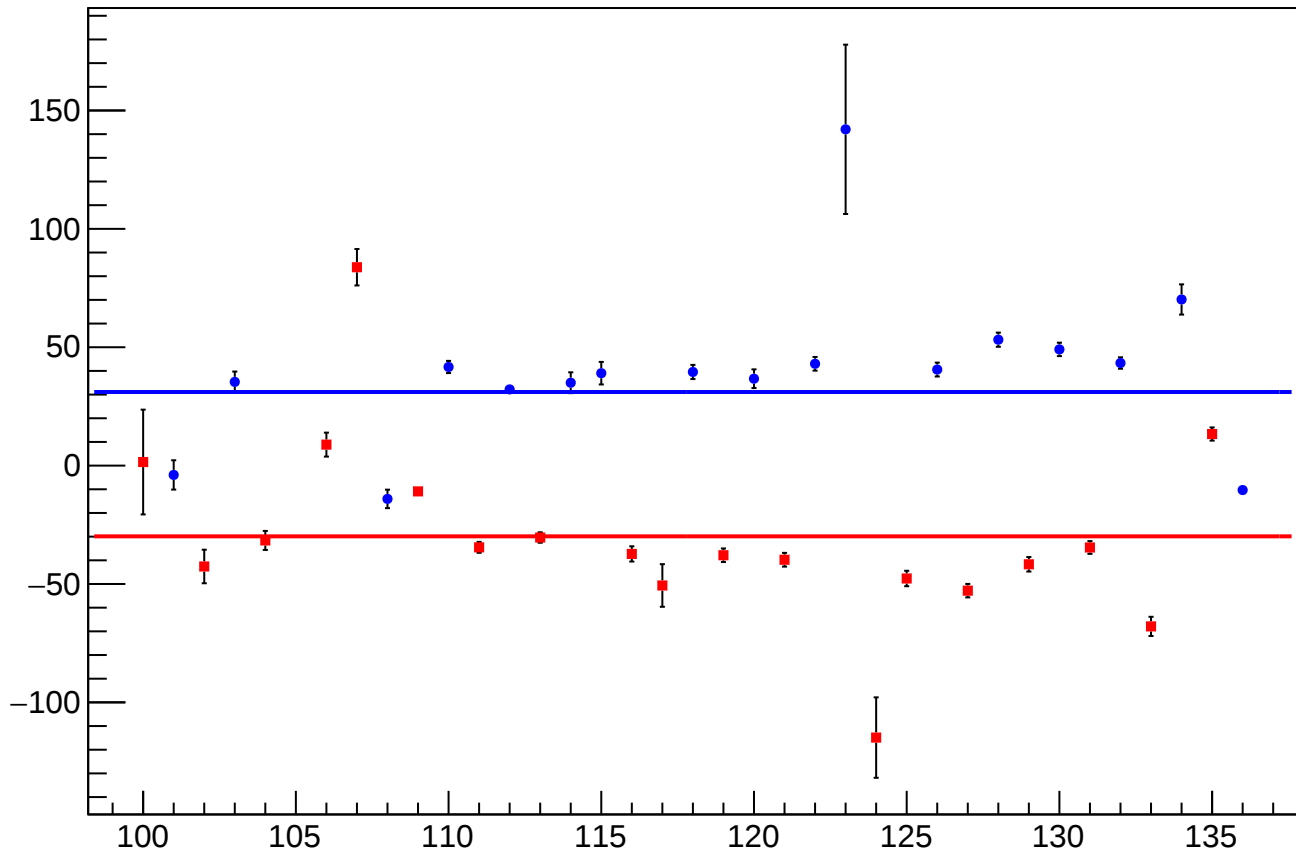
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-90.881+/-0.068 χ^2/NDF : 533423.8/16

-0.781+/-0.047 χ^2/NDF : 4424990.6/35

83.984+/-0.066 χ^2/NDF : 459343.6/18

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 31.094+/-0.765 χ^2/NDF : 824.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.871+/-0.751 χ^2/NDF : 866.5/18

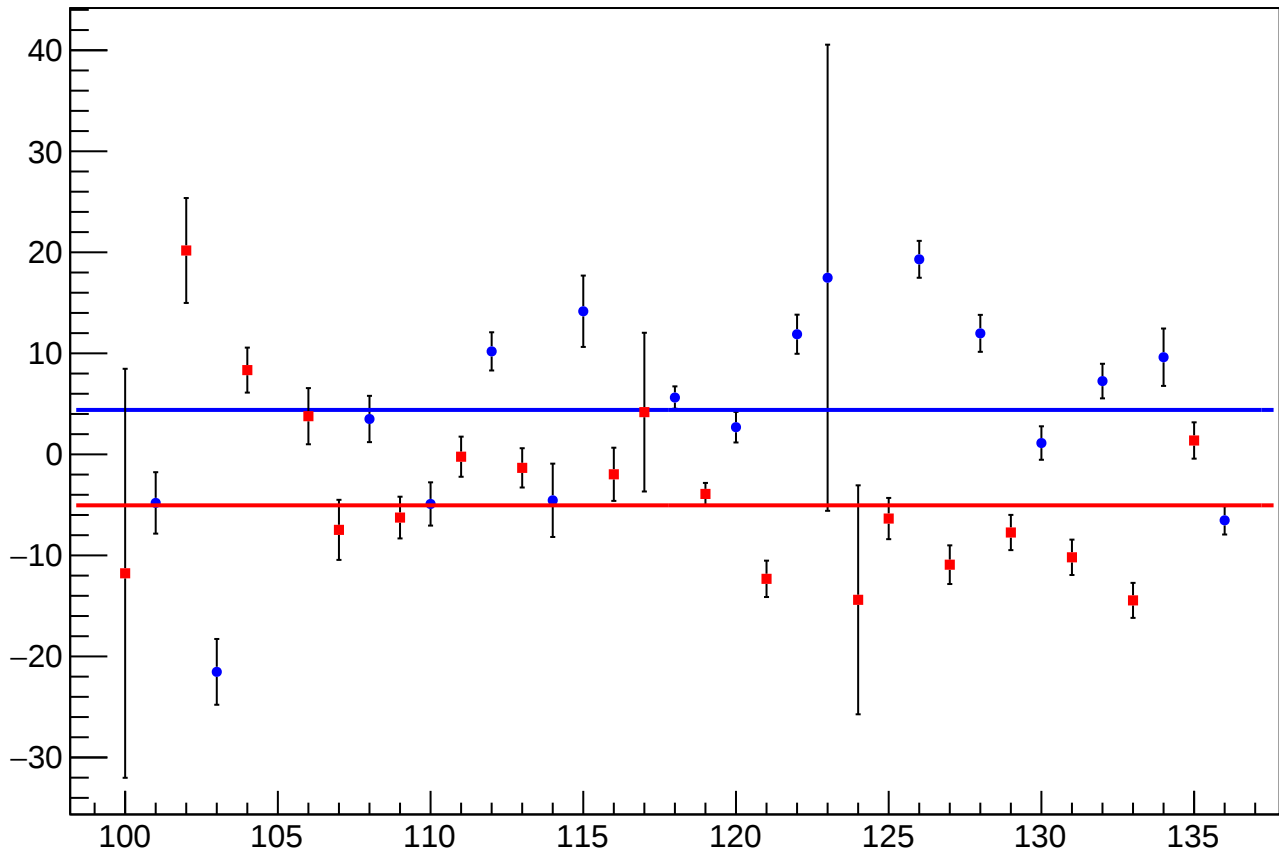
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

31.094+/-0.765 χ^2/NDF : 824.2/16

0.078+/-0.536 χ^2/NDF : 4924.6/35

-29.871+/-0.751 χ^2/NDF : 866.5/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.044+/-0.479 χ^2/NDF : 164.4/18

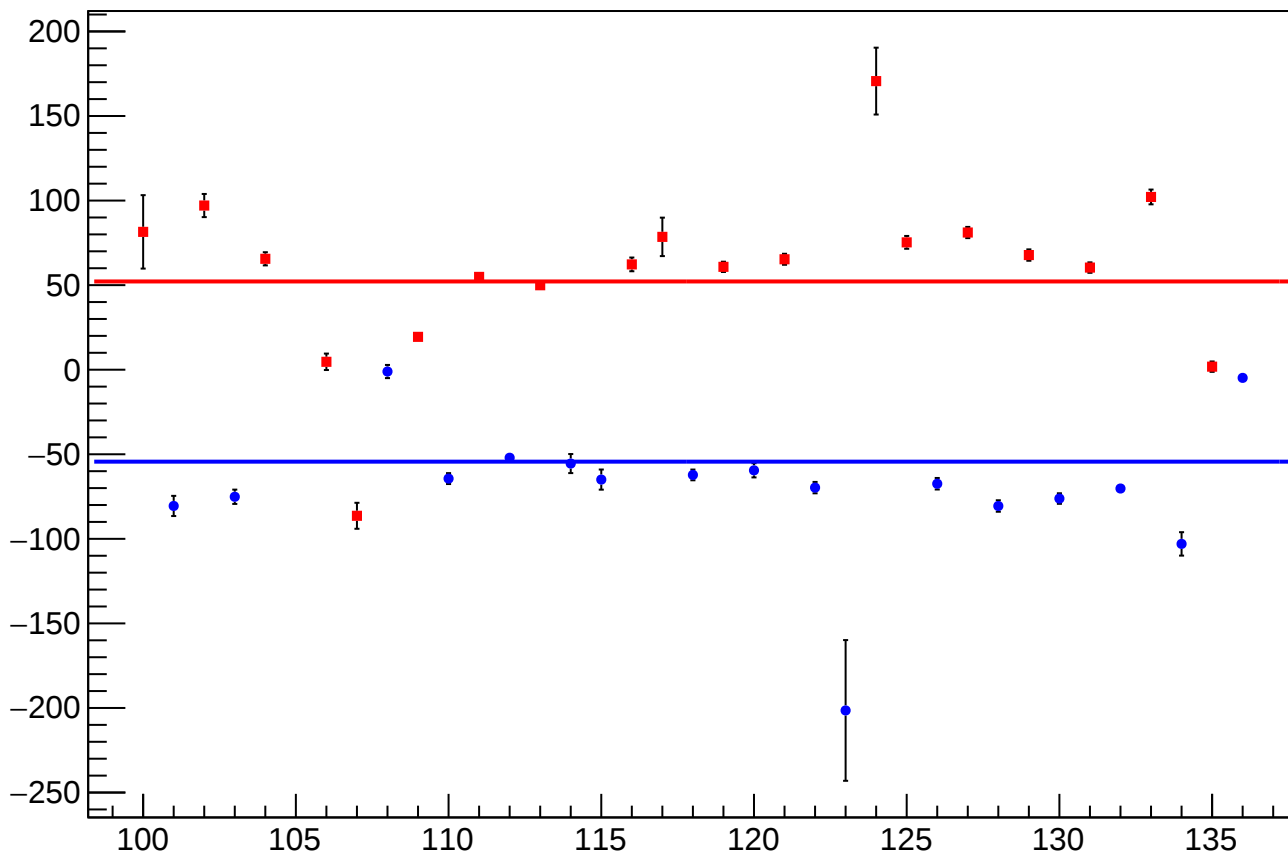
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.399+/-0.471 χ^2/NDF : 286.8/16

-0.249+/-0.336 χ^2/NDF : 649.0/35

-5.044+/-0.479 χ^2/NDF : 164.4/18

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: 0.000±/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.178±/-0.870 χ^2/NDF : 1244.3/18

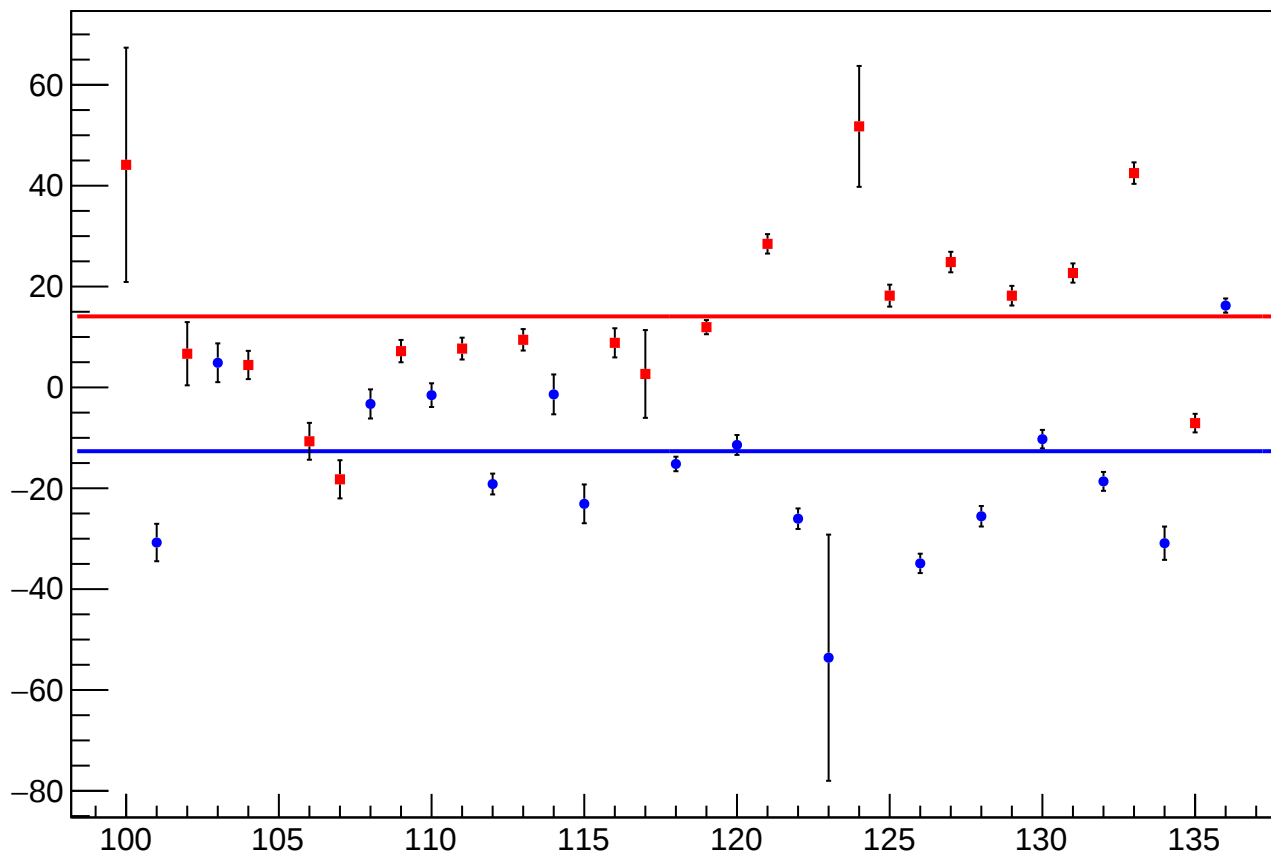
Left In: 0.000±/-0.000 χ^2/NDF : 0.0/0

-54.365±/-0.868 χ^2/NDF : 1013.5/16

-1.207±/-0.615 χ^2/NDF : 9770.8/35

52.178±/-0.870 χ^2/NDF : 1244.3/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.079+/-0.546 χ^2/NDF : 596.3/18

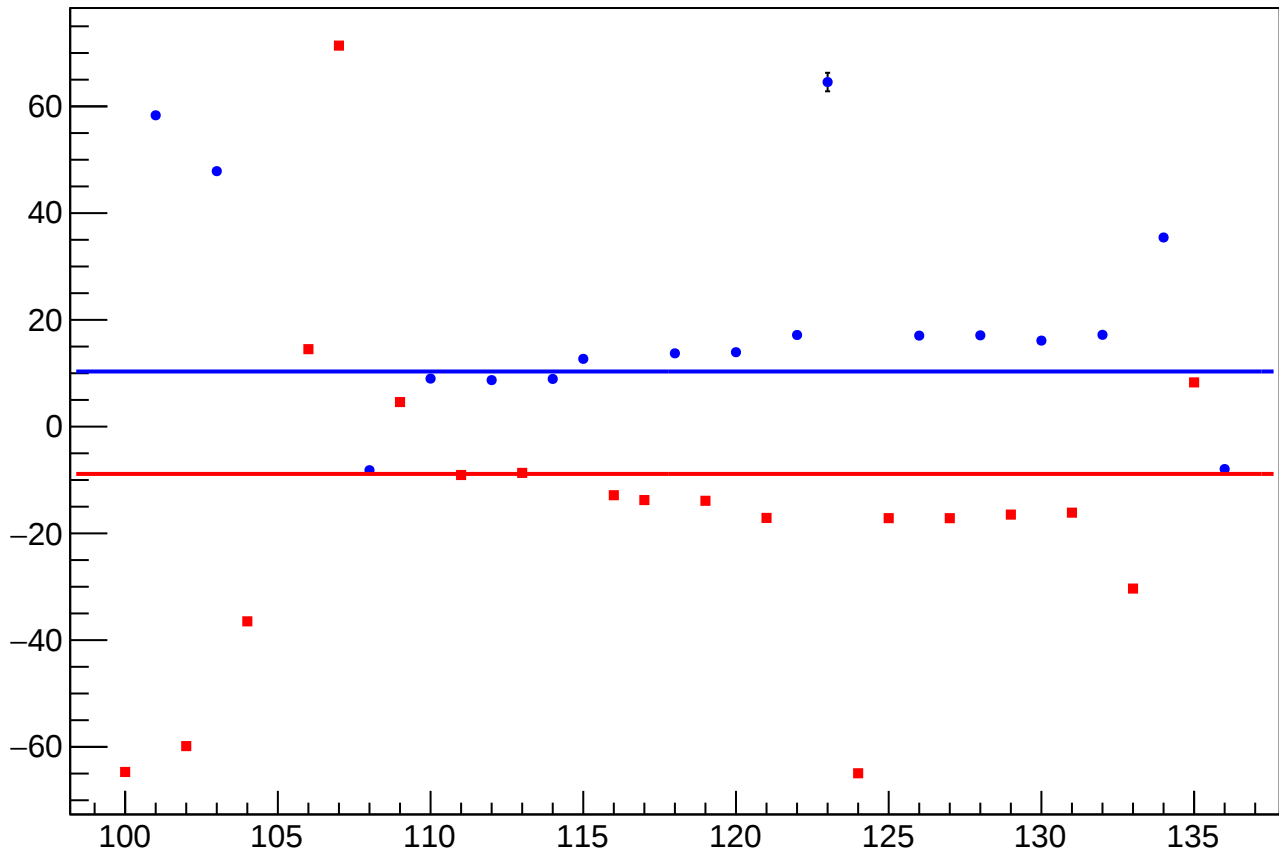
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-12.648+/-0.536 χ^2/NDF : 788.4/16

0.487+/-0.382 χ^2/NDF : 2605.4/35

14.079+/-0.546 χ^2/NDF : 596.3/18

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: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.862 ± 0.032 χ^2/NDF : 527453.9/18

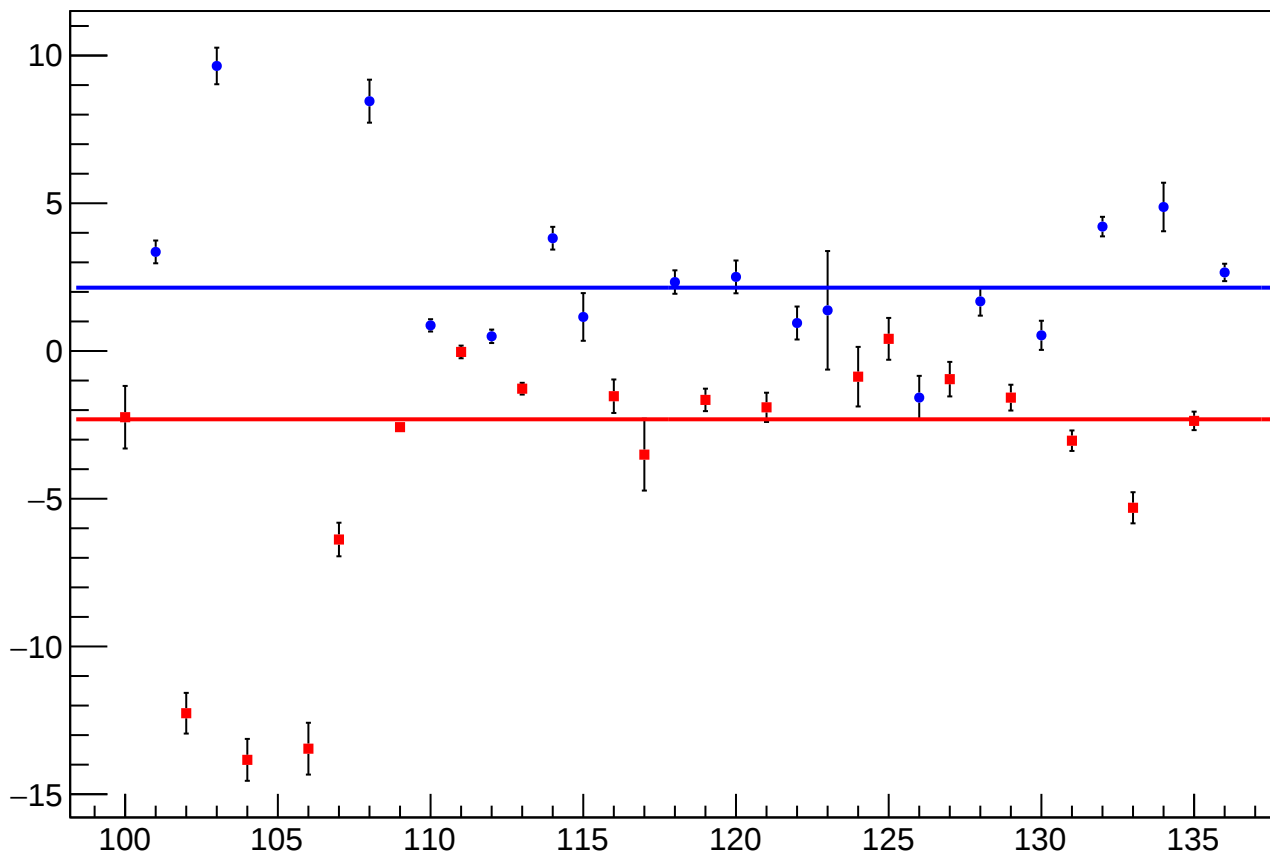
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

10.330 ± 0.031 χ^2/NDF : 380857.1/16

1.226 ± 0.022 χ^2/NDF : 1093993.9/35

-8.862 ± 0.032 χ^2/NDF : 527453.9/18

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 2.144+/-0.097 χ^2/NDF : 438.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.312+/-0.084 χ^2/NDF : 897.4/18

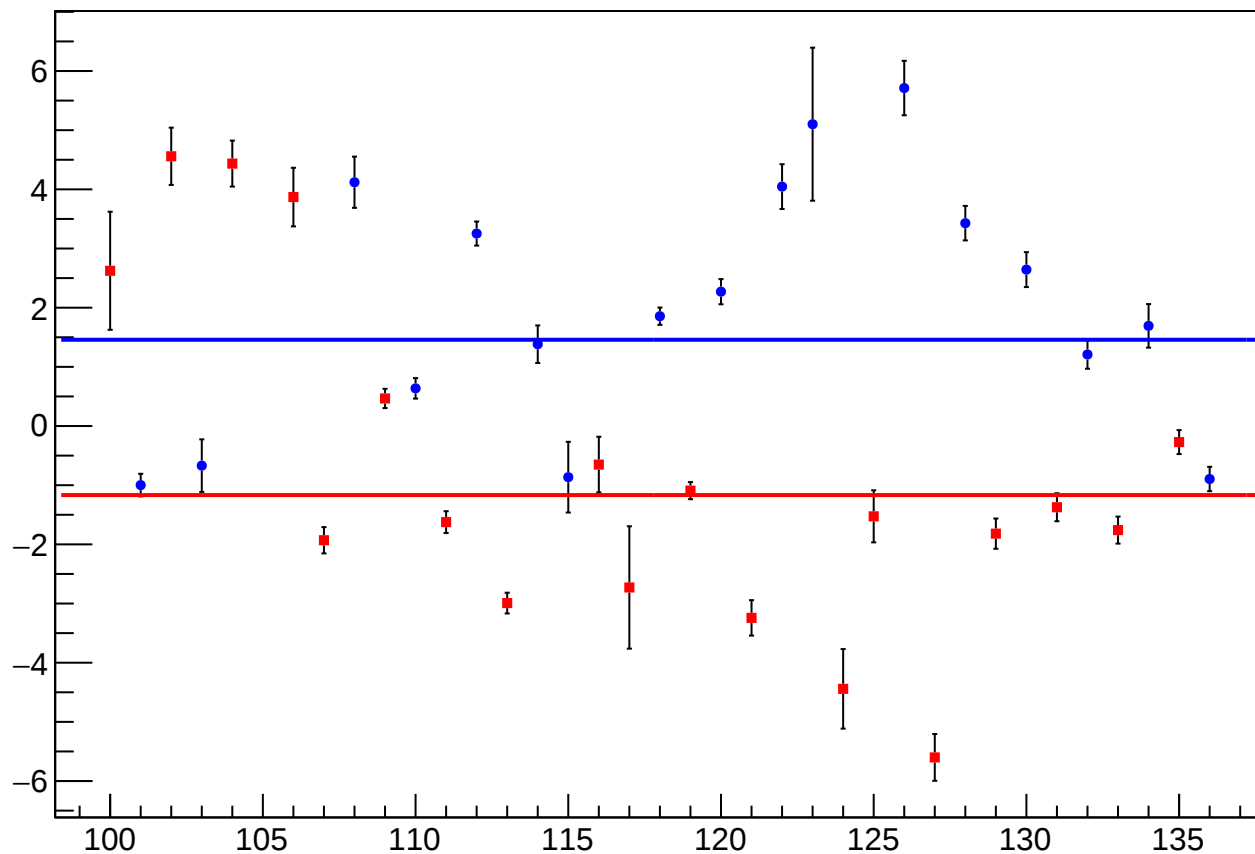
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.144+/-0.097 χ^2/NDF : 438.1/16

-0.401+/-0.063 χ^2/NDF : 2552.0/35

-2.312+/-0.084 χ^2/NDF : 897.4/18

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.458+/-0.062 χ^2/NDF : 698.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.167+/-0.059 χ^2/NDF : 928.3/18

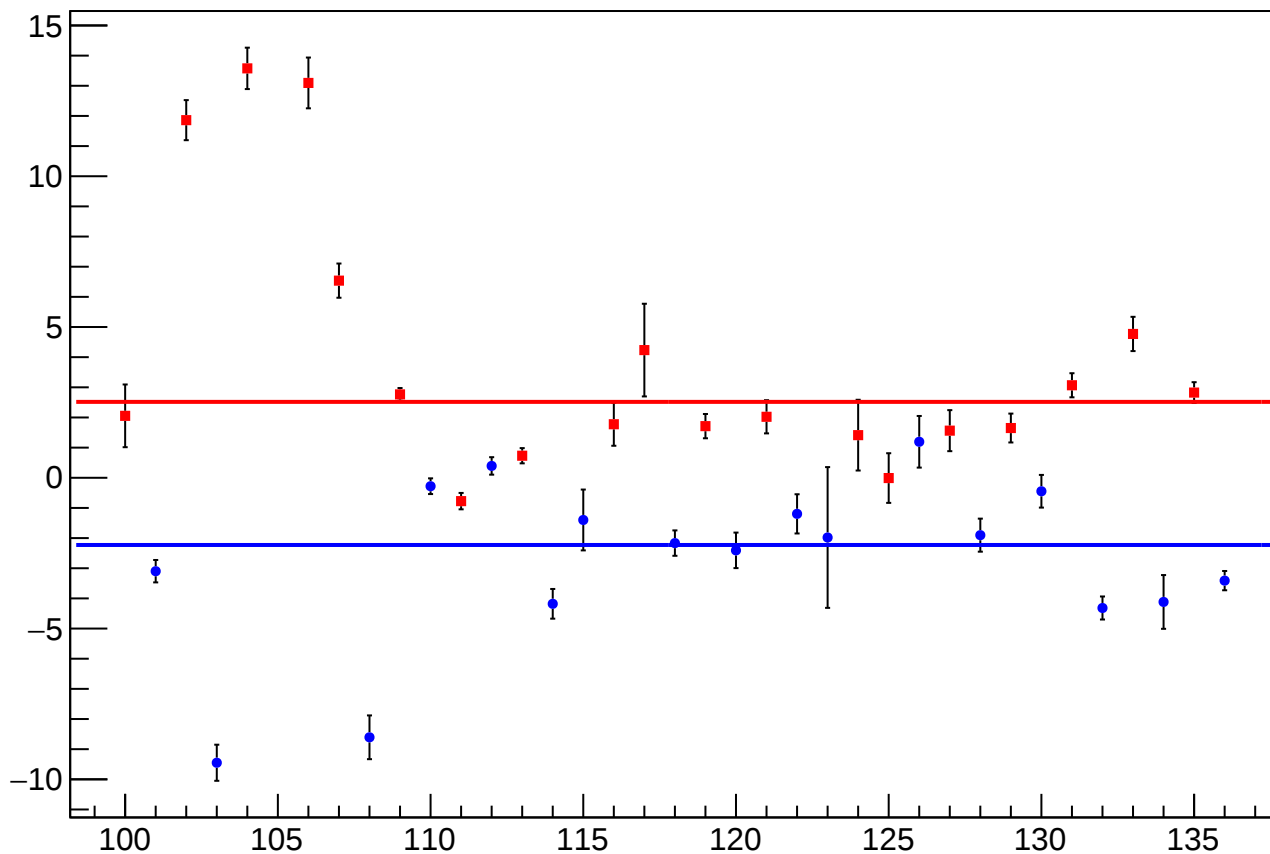
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.458+/-0.062 χ^2/NDF : 698.2/16

0.073+/-0.043 χ^2/NDF : 2574.1/35

-1.167+/-0.059 χ^2/NDF : 928.3/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.517+/-0.100 χ^2/NDF : 904.8/18

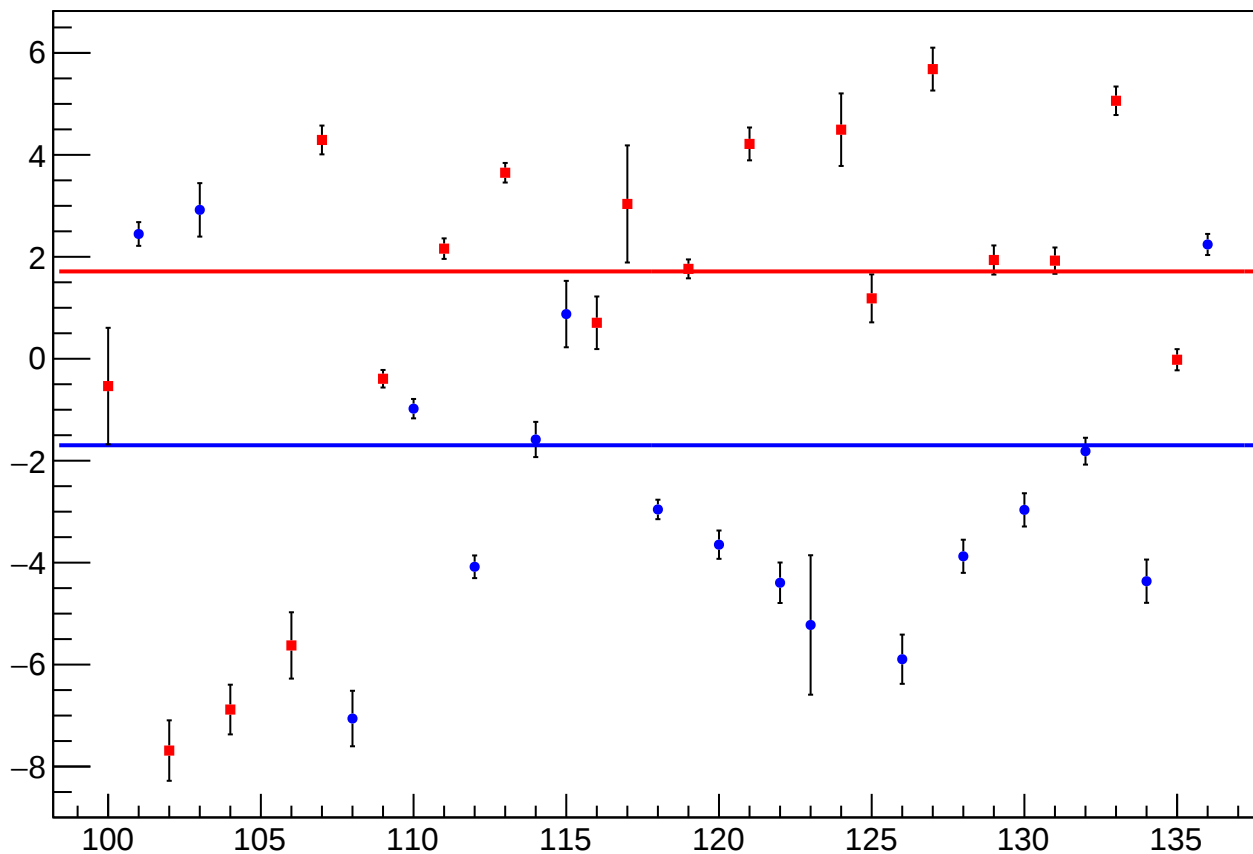
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.228+/-0.111 χ^2/NDF : 460.4/16

0.398+/-0.074 χ^2/NDF : 2372.0/35

2.517+/-0.100 χ^2/NDF : 904.8/18

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.697+/-0.071 χ^2/NDF : 1319.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.713+/-0.066 χ^2/NDF : 1417.2/18

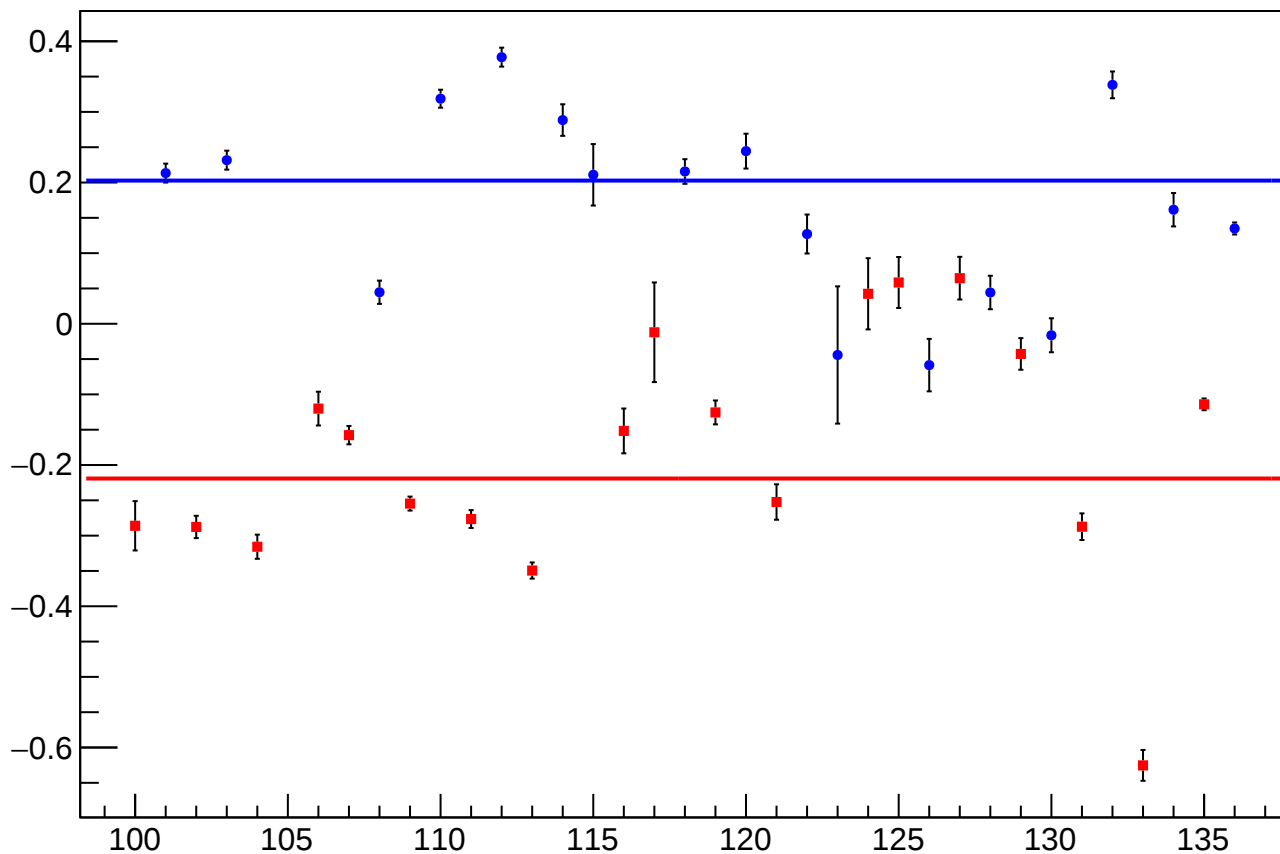
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.697+/-0.071 χ^2/NDF : 1319.4/16

0.124+/-0.049 χ^2/NDF : 3965.4/35

1.713+/-0.066 χ^2/NDF : 1417.2/18

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203+/-0.004 χ^2/NDF : 676.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.219+/-0.004 χ^2/NDF : 1058.0/18

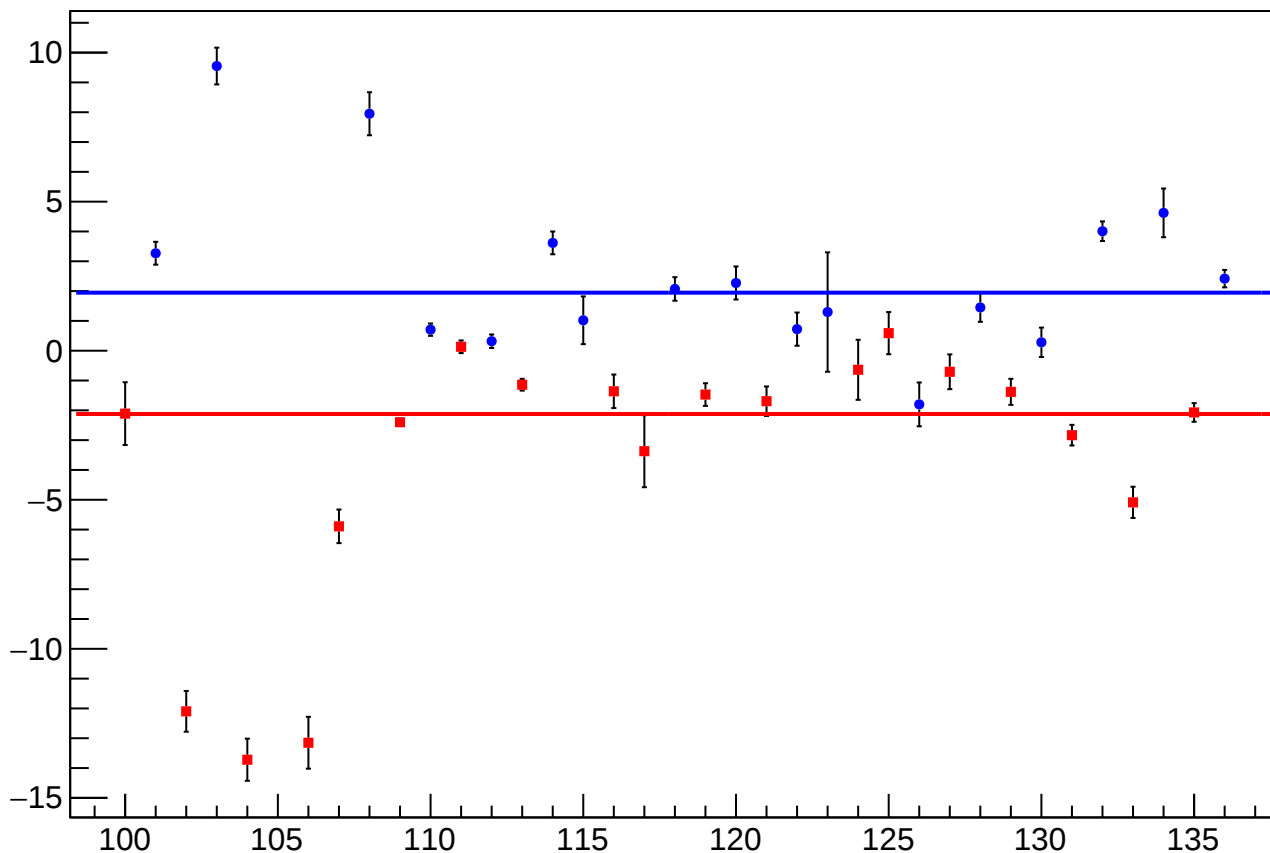
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.203+/-0.004 χ^2/NDF : 676.5/16

-0.028+/-0.003 χ^2/NDF : 7379.1/35

-0.219+/-0.004 χ^2/NDF : 1058.0/18

reg_asym_bcm_an_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.947+/-0.096 χ^2/NDF : 437.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.123+/-0.083 χ^2/NDF : 896.2/18

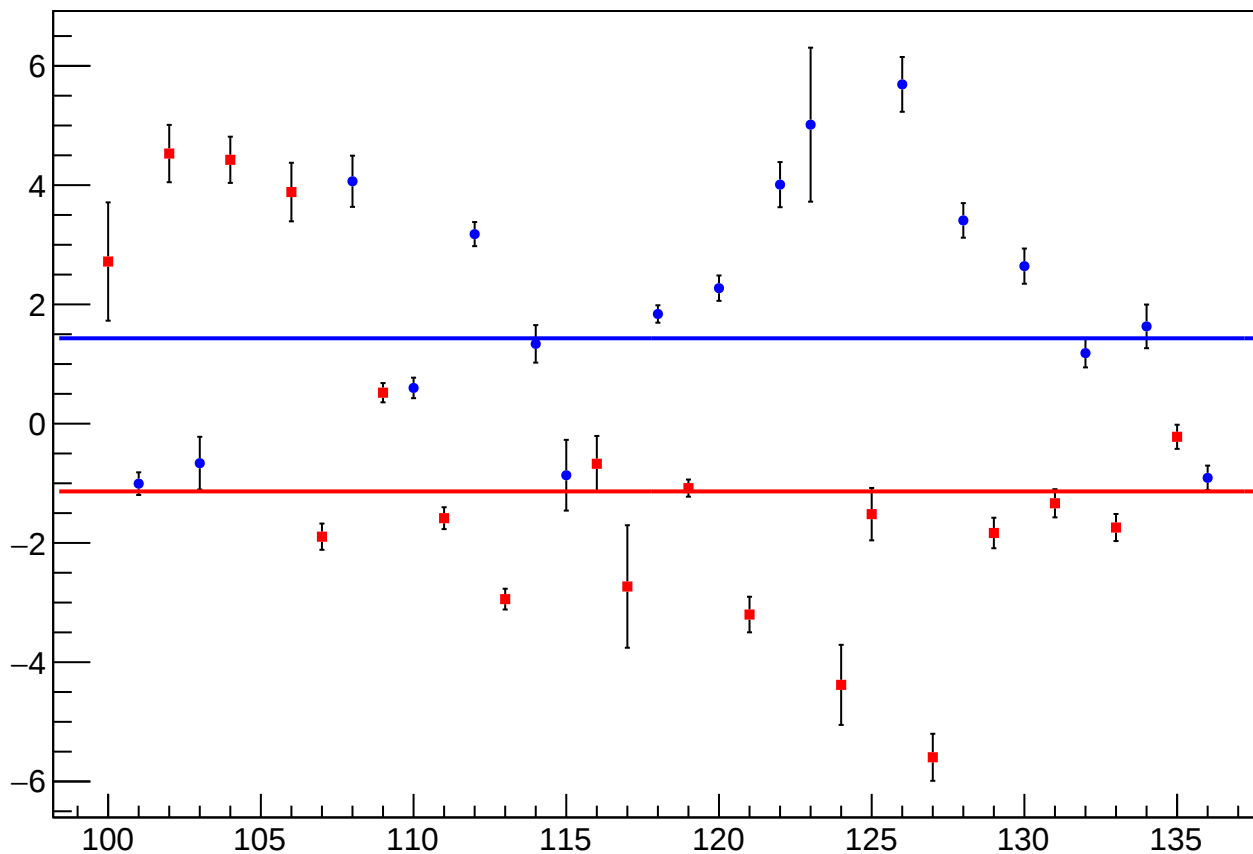
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.947+/-0.096 χ^2/NDF : 437.7/16

-0.378+/-0.063 χ^2/NDF : 2360.0/35

-2.123+/-0.083 χ^2/NDF : 896.2/18

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.432+/-0.062 χ^2/NDF : 696.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.136+/-0.058 χ^2/NDF : 934.3/18

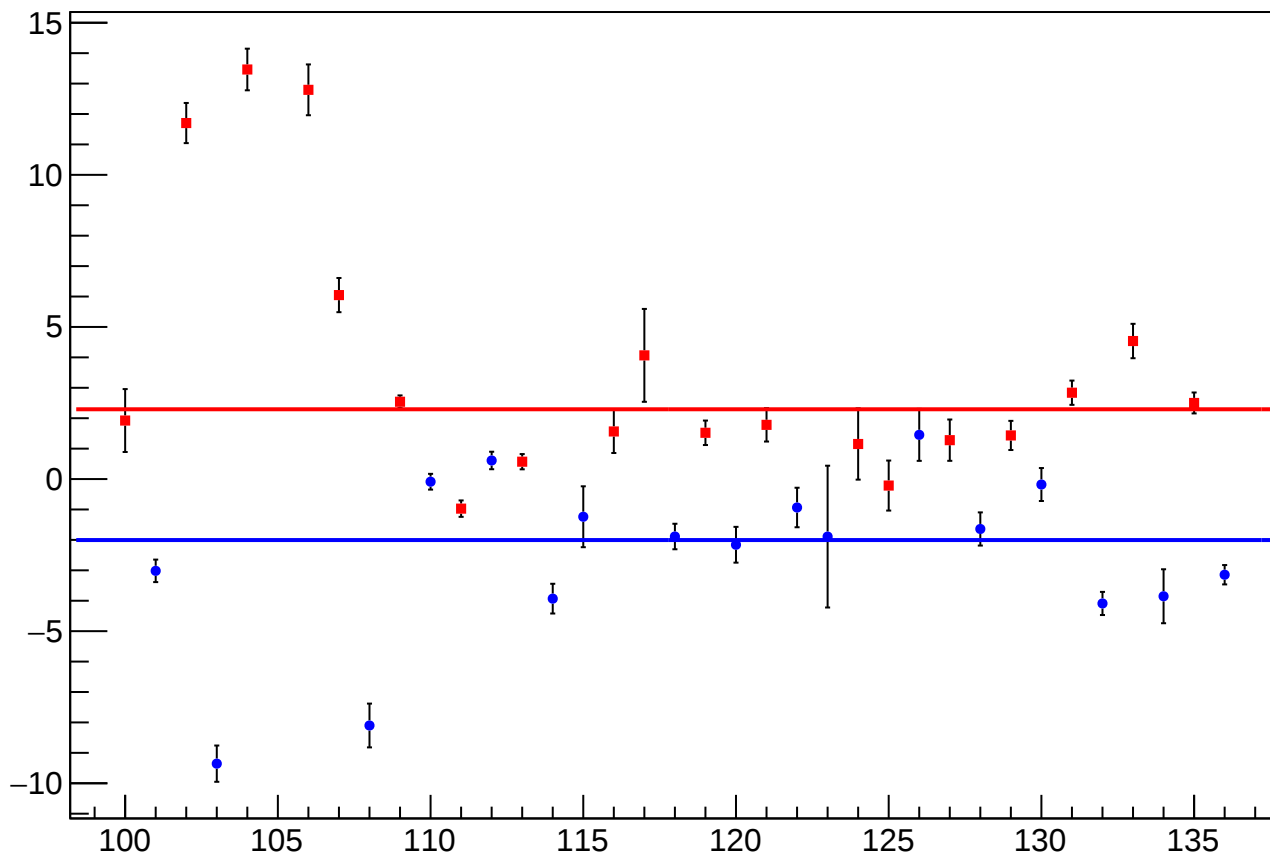
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.432+/-0.062 χ^2/NDF : 696.6/16

0.077+/-0.042 χ^2/NDF : 2545.8/35

-1.136+/-0.058 χ^2/NDF : 934.3/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.294+/-0.099 χ^2/NDF : 908.3/18

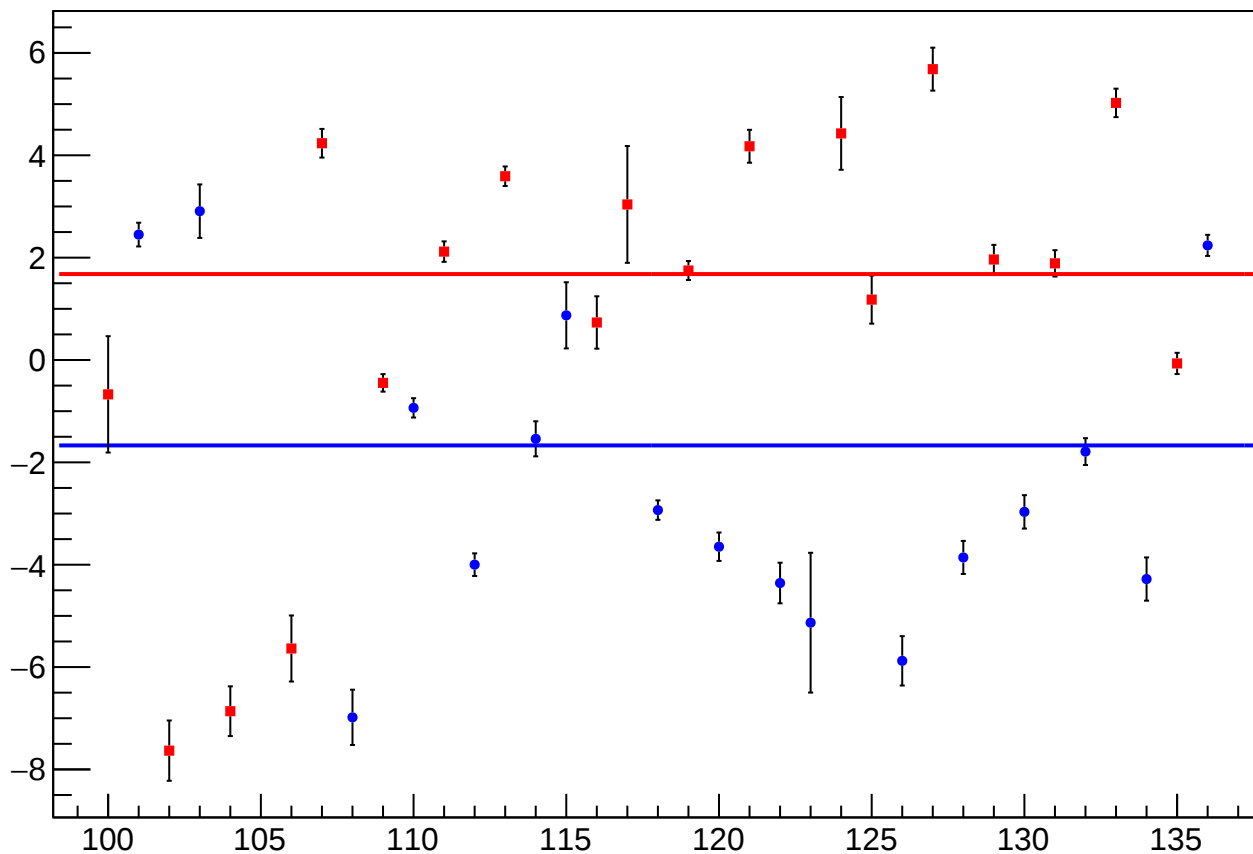
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.005+/-0.111 χ^2/NDF : 463.1/16

0.375+/-0.074 χ^2/NDF : 2206.1/35

2.294+/-0.099 χ^2/NDF : 908.3/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.679+/-0.066 χ^2/NDF : 1424.2/18

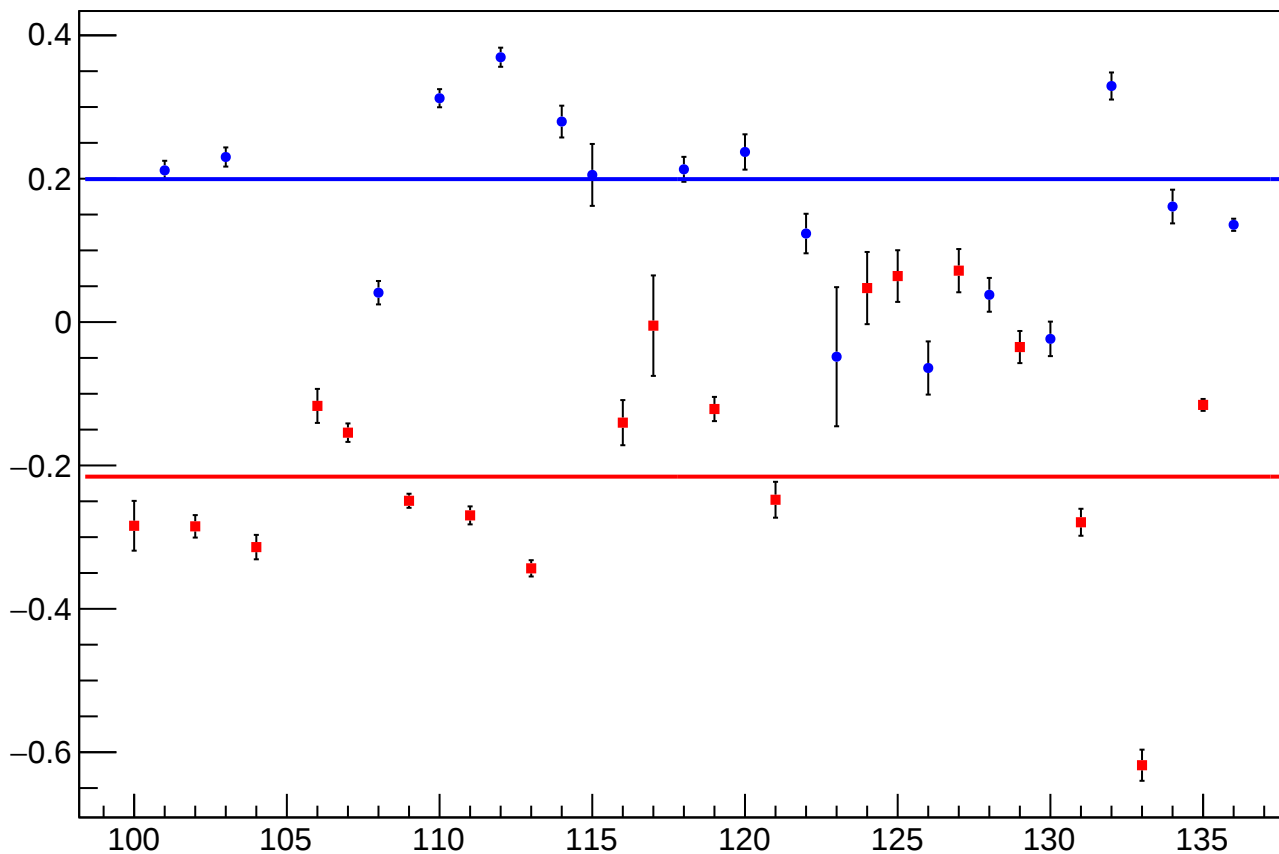
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.669+/-0.071 χ^2/NDF : 1314.9/16

0.119+/-0.048 χ^2/NDF : 3934.5/35

1.679+/-0.066 χ^2/NDF : 1424.2/18

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.216 $\pm$ 0.004 χ^2 /NDF: 1045.3/18

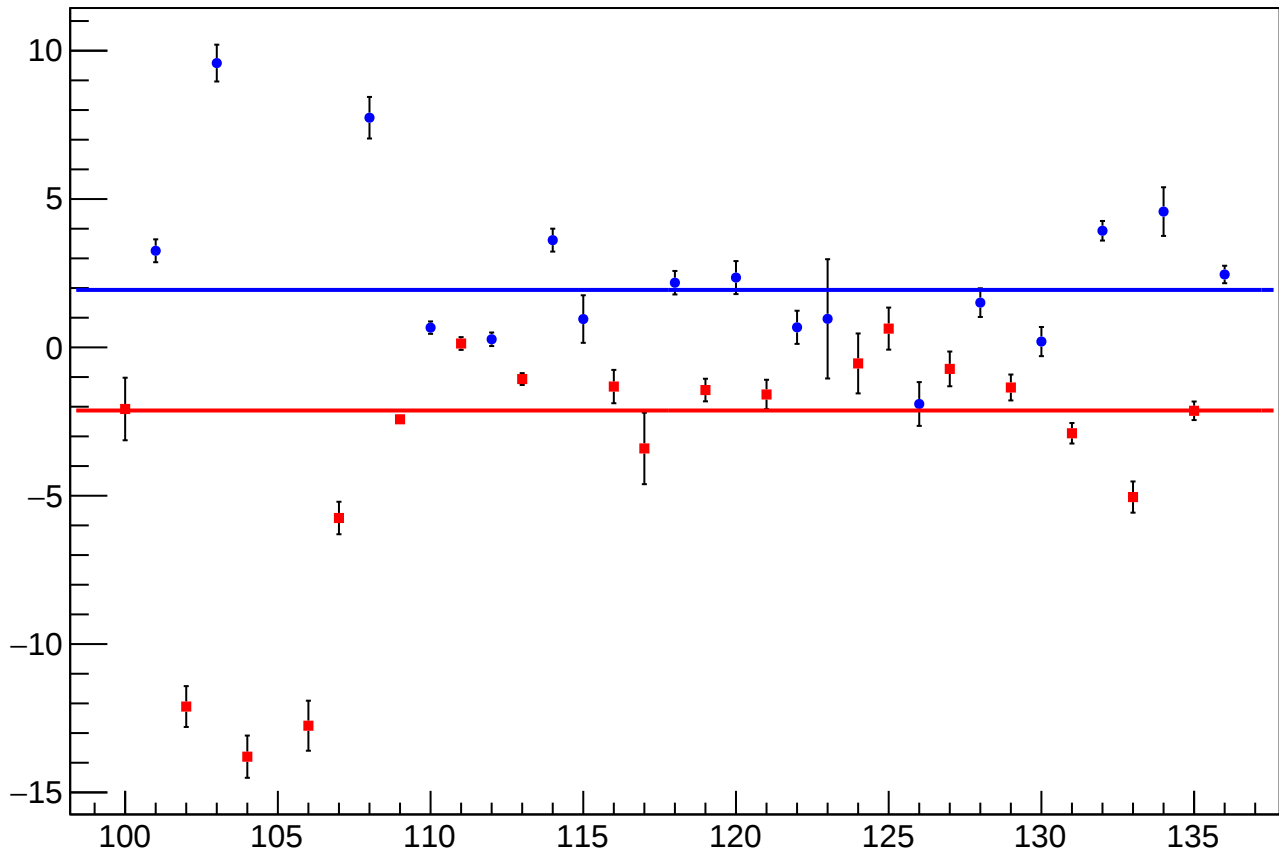
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.199 $\pm$ 0.004 χ^2 /NDF: 662.1/16

-0.028 $\pm$ 0.003 χ^2 /NDF: 7223.7/35

-0.216 $\pm$ 0.004 χ^2 /NDF: 1045.3/18

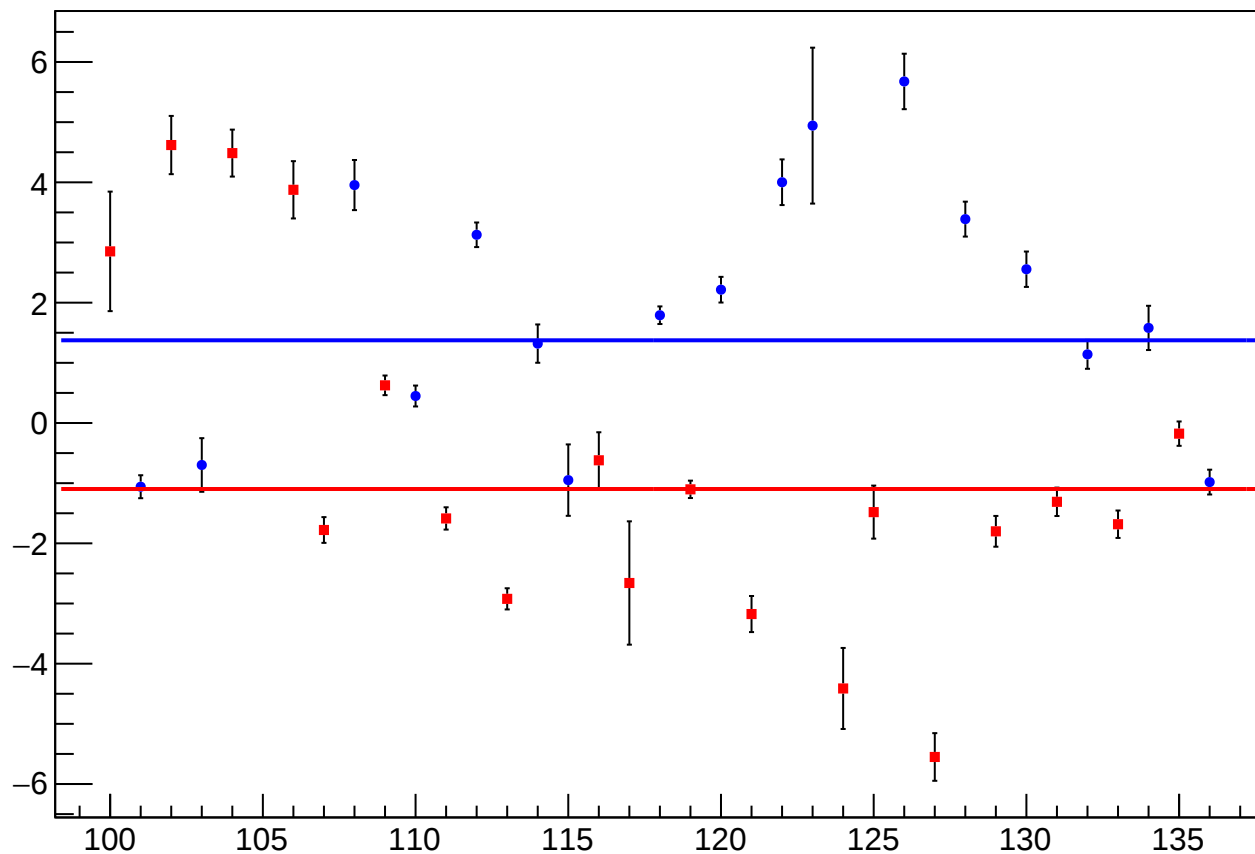
reg_asym_bcm_an_us_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.937 $\pm$ 0.097 χ^2 /NDF: 439.1/16
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -2.127 $\pm$ 0.084 χ^2 /NDF: 893.0/18
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.937 $\pm$ 0.097 χ^2 /NDF: 439.1/16
 -0.385 $\pm$ 0.063 χ^2 /NDF: 2343.2/35
 -2.127 $\pm$ 0.084 χ^2 /NDF: 893.0/18

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.375+/-0.062 χ^2/NDF : 702.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.097+/-0.058 χ^2/NDF : 943.9/18

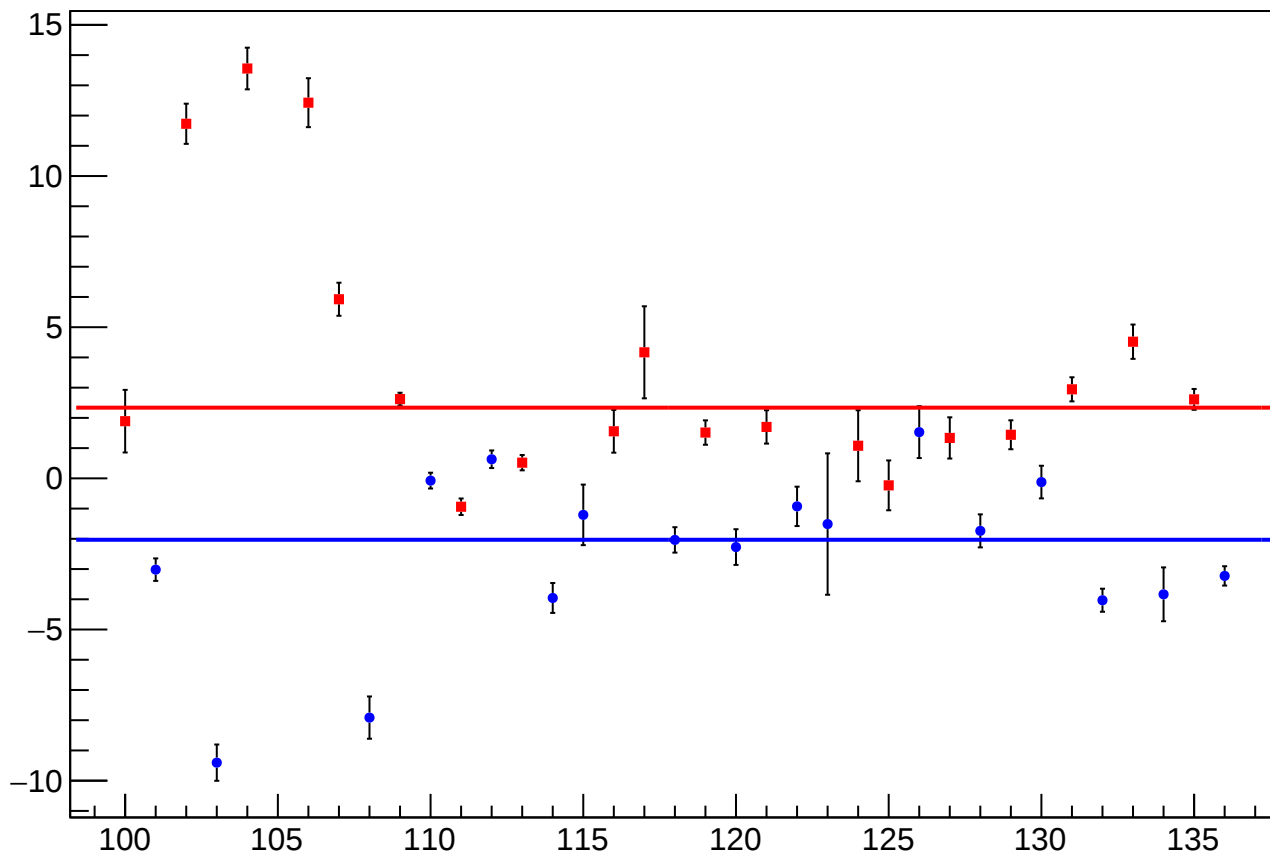
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.375+/-0.062 χ^2/NDF : 702.4/16

0.068+/-0.043 χ^2/NDF : 2488.0/35

-1.097+/-0.058 χ^2/NDF : 943.9/18

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: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.339 ± 0.100 χ^2/NDF : 903.3/18

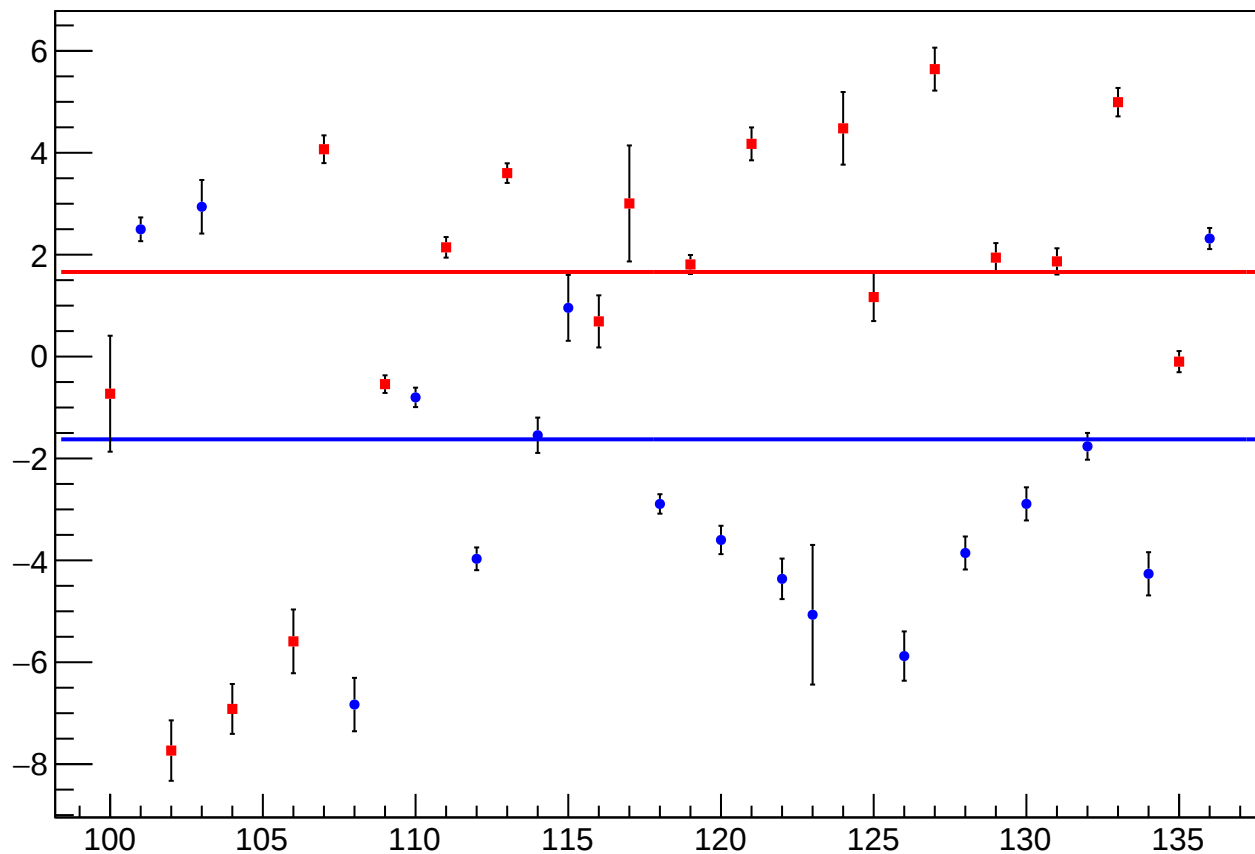
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2.031 ± 0.111 χ^2/NDF : 463.2/16

0.389 ± 0.074 χ^2/NDF : 2220.1/35

2.339 ± 0.100 χ^2/NDF : 903.3/18

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: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.661+/-0.066 χ^2/NDF : 1432.2/18

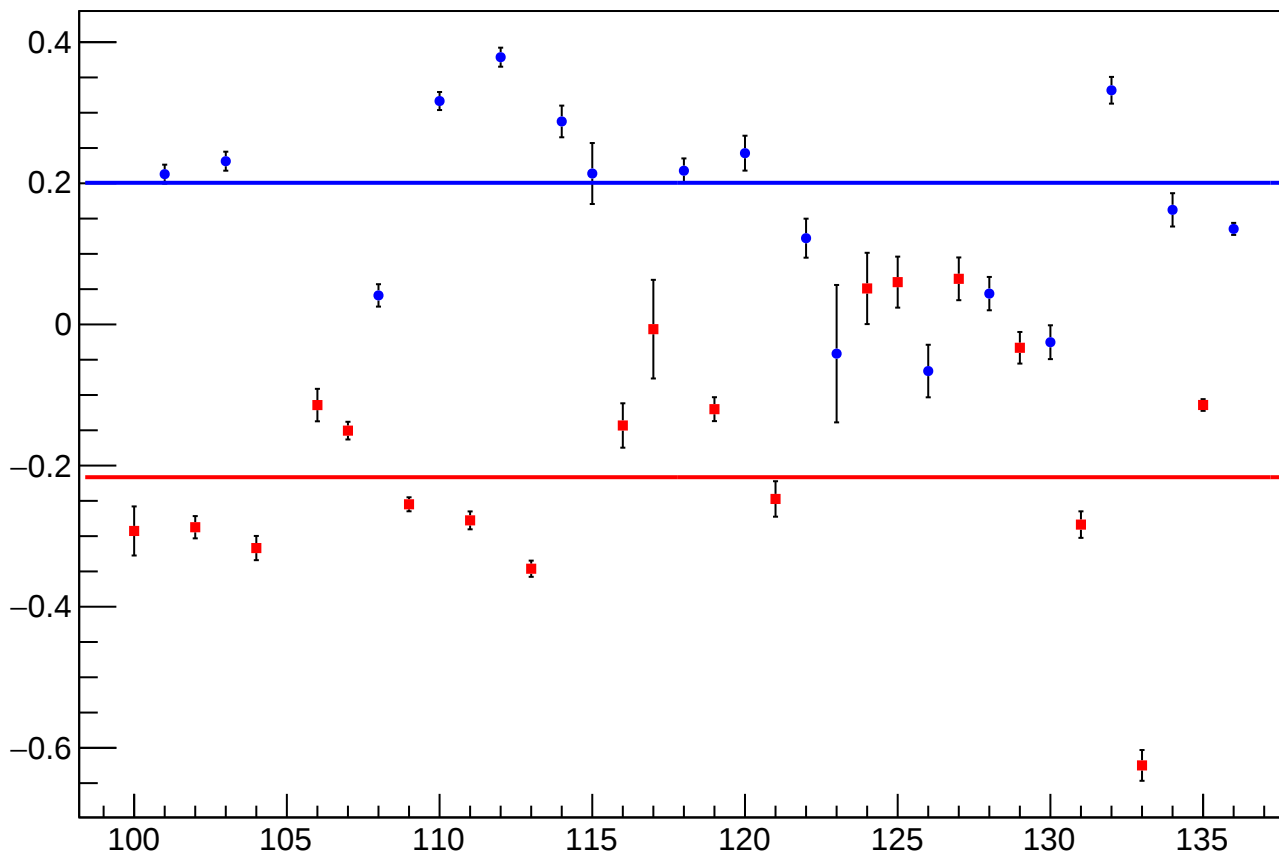
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.625+/-0.071 χ^2/NDF : 1320.8/16

0.133+/-0.048 χ^2/NDF : 3894.6/35

1.661+/-0.066 χ^2/NDF : 1432.2/18

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201+/-0.004 χ^2/NDF : 690.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.216+/-0.004 χ^2/NDF : 1076.2/18

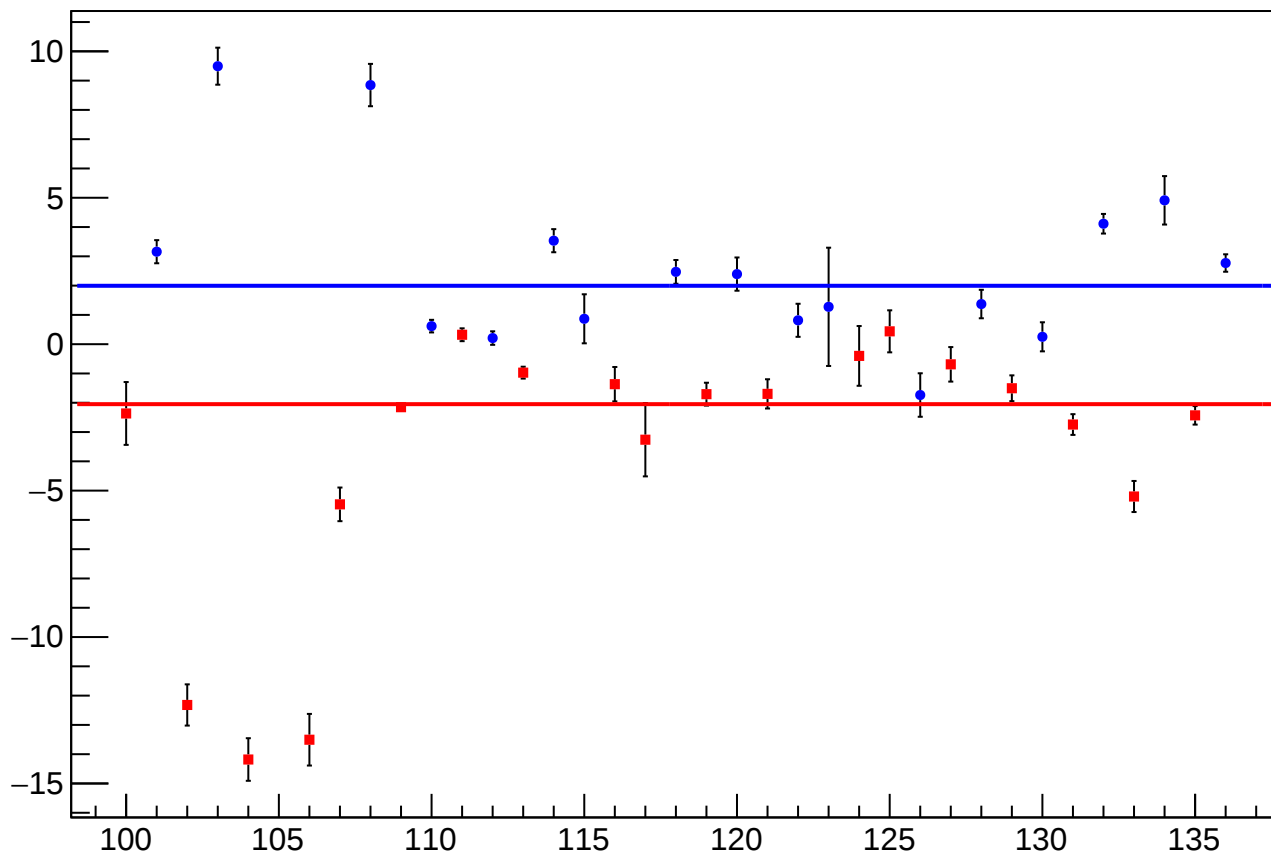
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.201+/-0.004 χ^2/NDF : 690.6/16

-0.028+/-0.003 χ^2/NDF : 7311.5/35

-0.216+/-0.004 χ^2/NDF : 1076.2/18

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.994 ± 0.098 χ^2/NDF : 461.9/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.048 ± 0.086 χ^2/NDF : 906.8/18

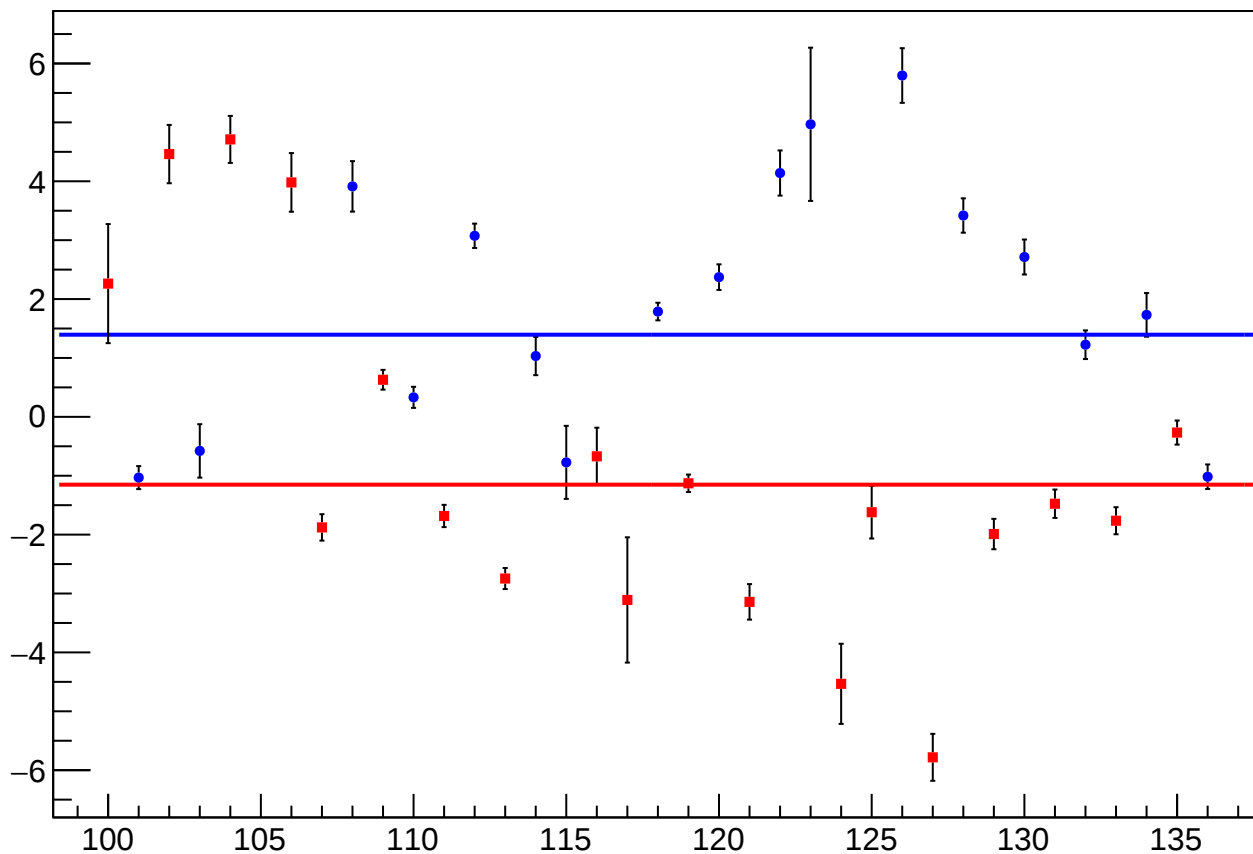
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1.994 ± 0.098 χ^2/NDF : 461.9/16

-0.307 ± 0.065 χ^2/NDF : 2330.7/35

-2.048 ± 0.086 χ^2/NDF : 906.8/18

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: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.152 $\pm$ 0.060 χ^2 /NDF: 918.9/18

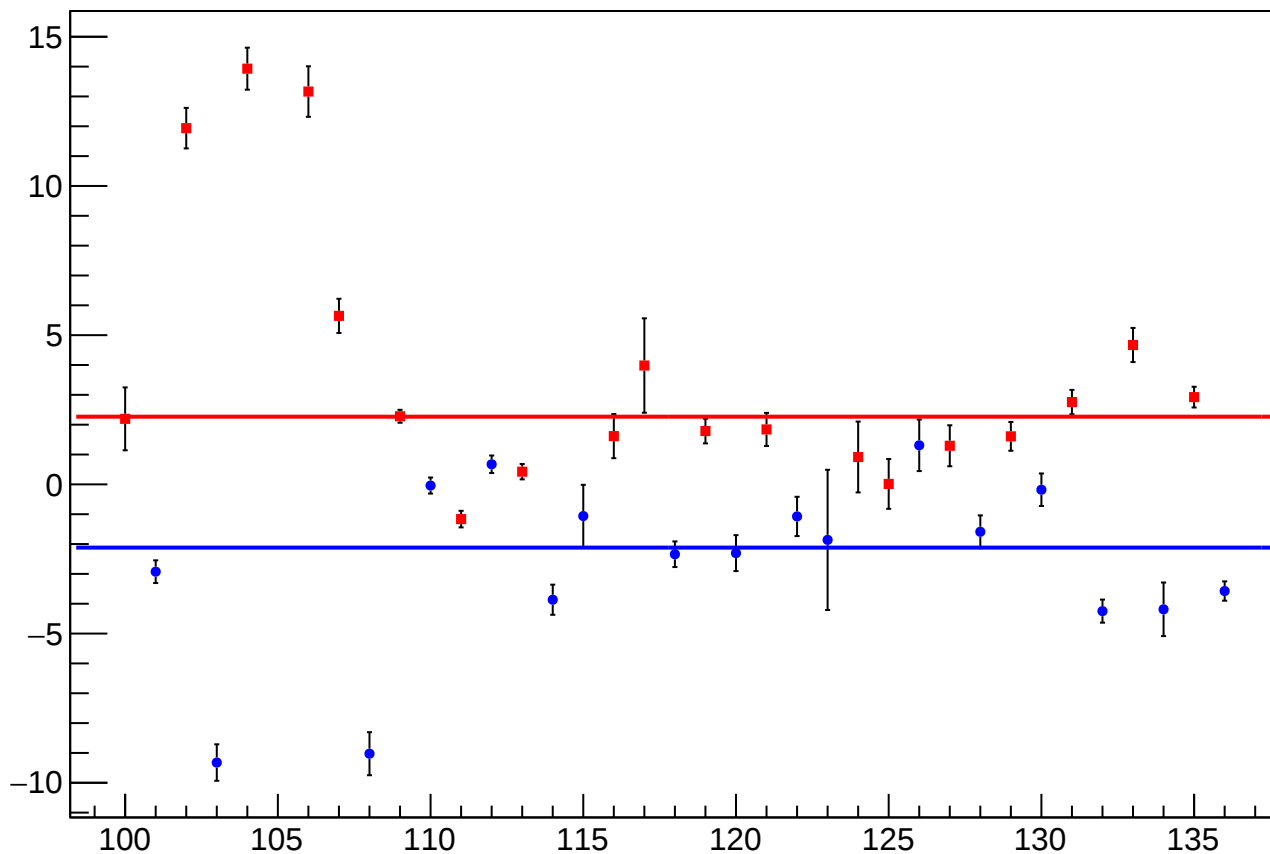
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

1.395 $\pm$ 0.063 χ^2 /NDF: 701.4/16

0.053 $\pm$ 0.043 χ^2 /NDF: 2479.7/35

-1.152 $\pm$ 0.060 χ^2 /NDF: 918.9/18

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.119+/-0.113 χ^2/NDF : 486.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.268+/-0.102 χ^2/NDF : 919.5/18

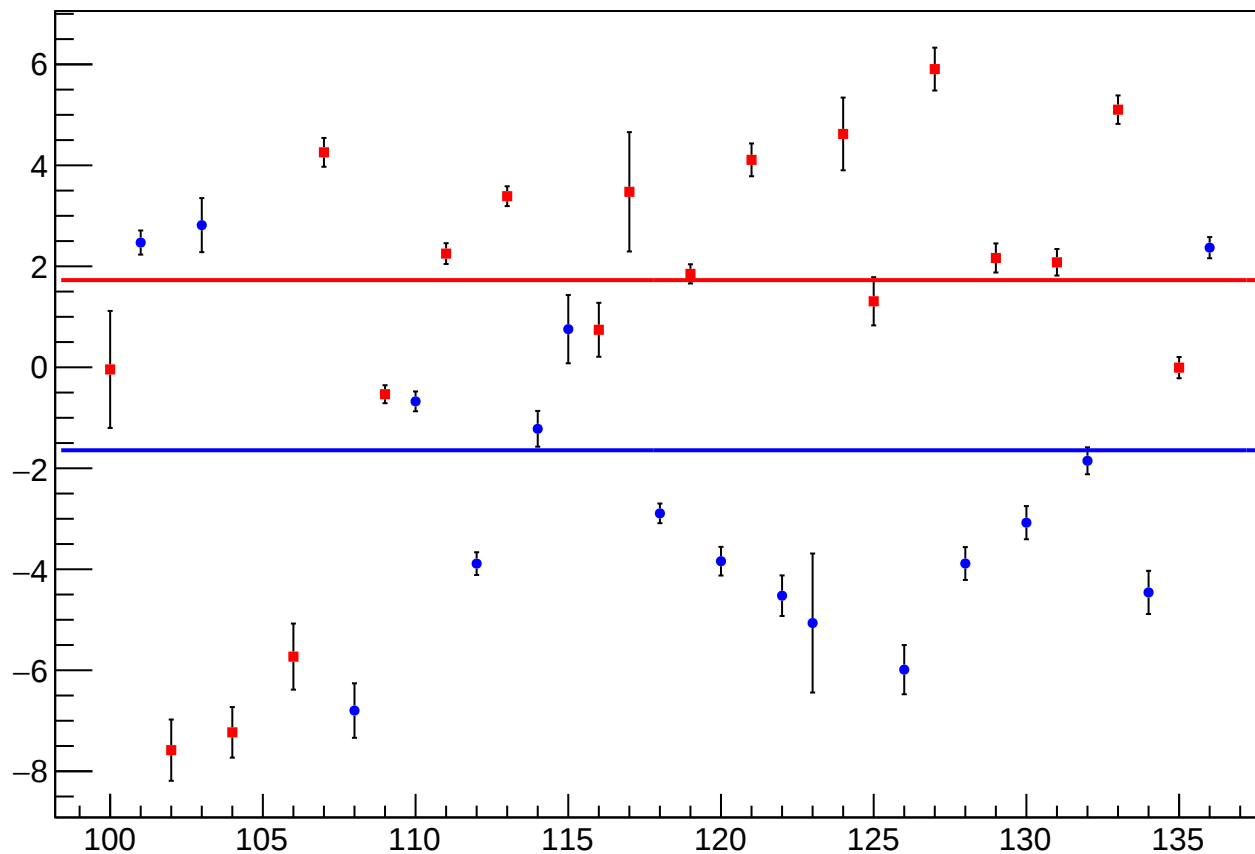
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.119+/-0.113 χ^2/NDF : 486.3/16

0.303+/-0.076 χ^2/NDF : 2233.6/35

2.268+/-0.102 χ^2/NDF : 919.5/18

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: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1.727+/-0.068 χ^2 /NDF: 1395.6/18

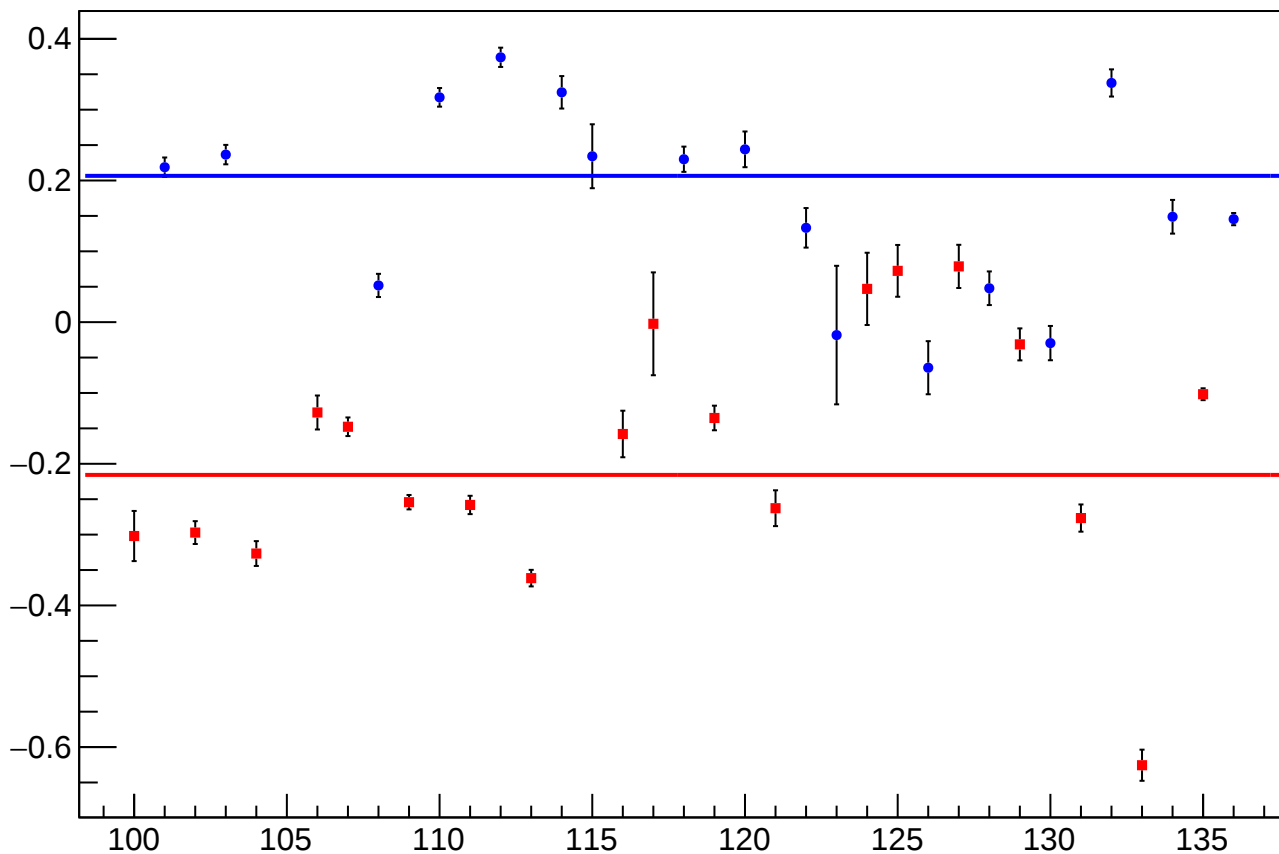
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.643+/-0.072 χ^2 /NDF: 1310.1/16

0.154+/-0.049 χ^2 /NDF: 3862.2/35

1.727+/-0.068 χ^2 /NDF: 1395.6/18

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.216 $\pm$ 0.004 χ^2 /NDF: 1120.0/18

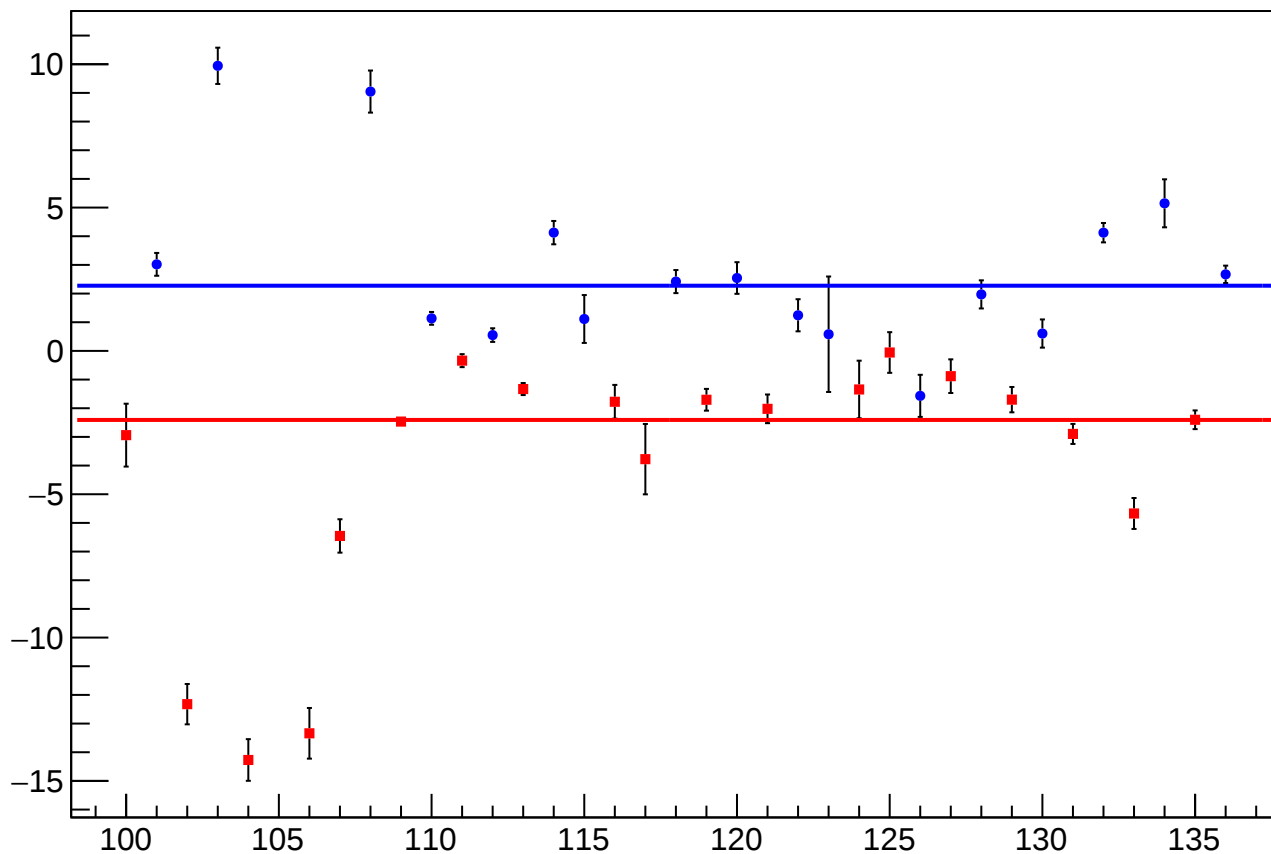
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.207 $\pm$ 0.004 χ^2 /NDF: 655.0/16

-0.024 $\pm$ 0.003 χ^2 /NDF: 7242.6/35

-0.216 $\pm$ 0.004 χ^2 /NDF: 1120.0/18

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 2.274+/-0.100 χ^2/NDF : 423.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.408+/-0.088 χ^2/NDF : 842.9/18

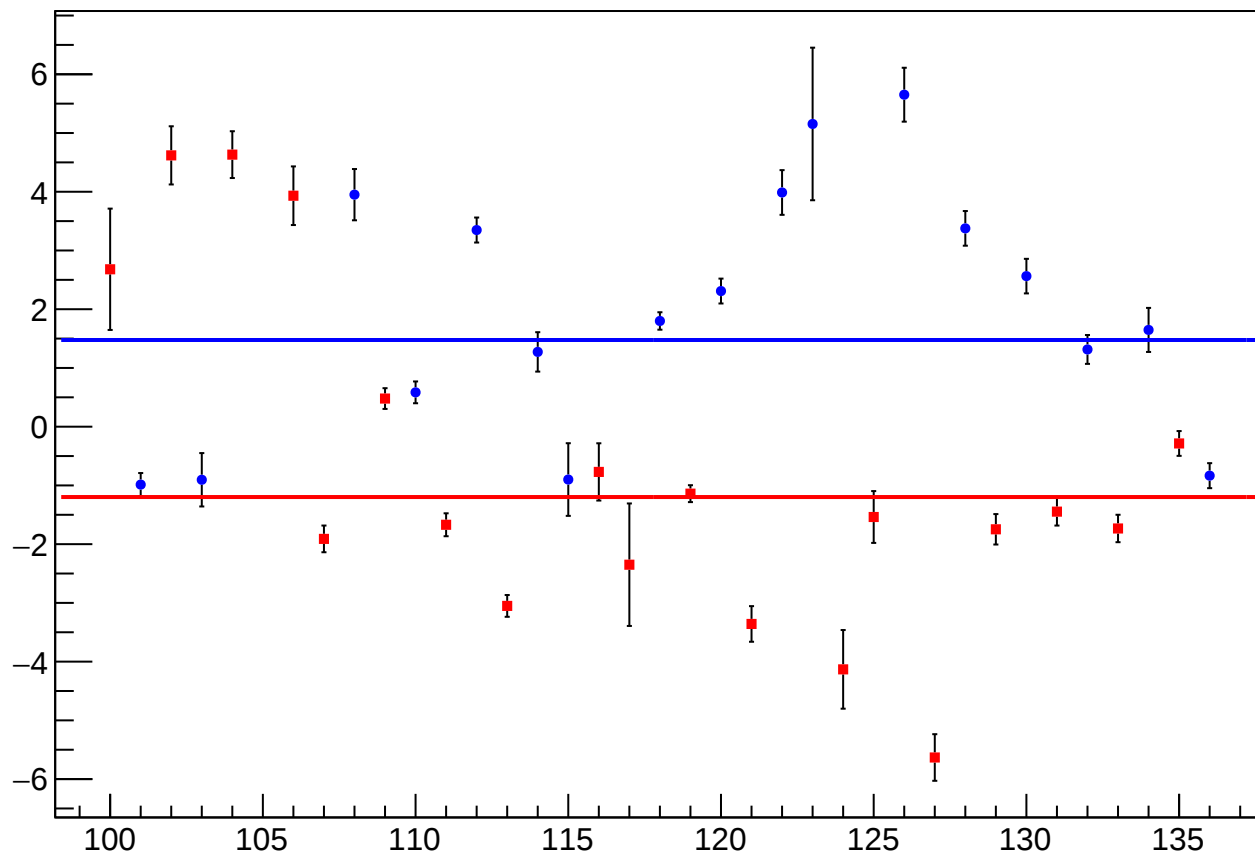
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.274+/-0.100 χ^2/NDF : 423.7/16

-0.376+/-0.066 χ^2/NDF : 2505.9/35

-2.408+/-0.088 χ^2/NDF : 842.9/18

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.476+/-0.064 χ^2/NDF : 659.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.198+/-0.060 χ^2/NDF : 904.7/18

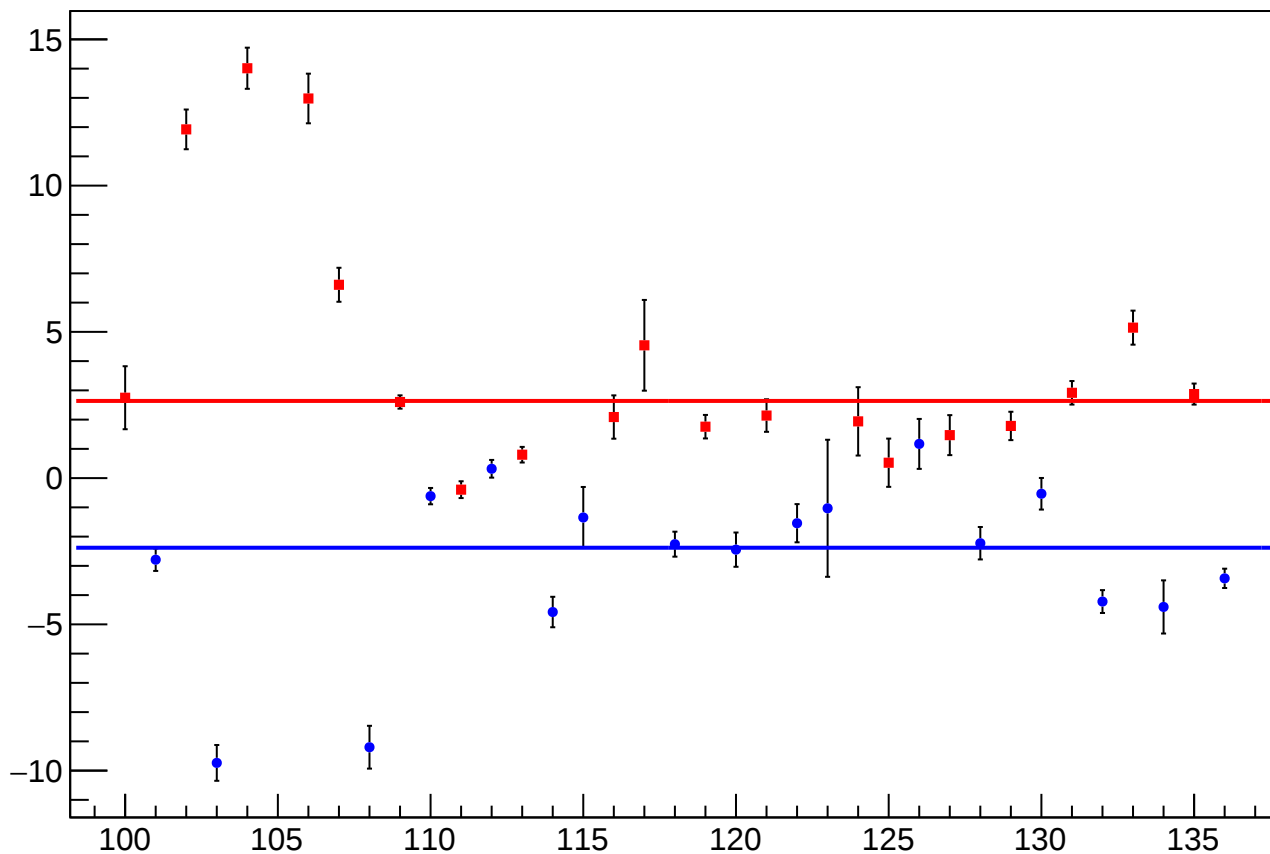
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.476+/-0.064 χ^2/NDF : 659.7/16

0.071+/-0.044 χ^2/NDF : 2492.6/35

-1.198+/-0.060 χ^2/NDF : 904.7/18

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: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 2.639+/-0.104 χ^2 /NDF: 842.6/18

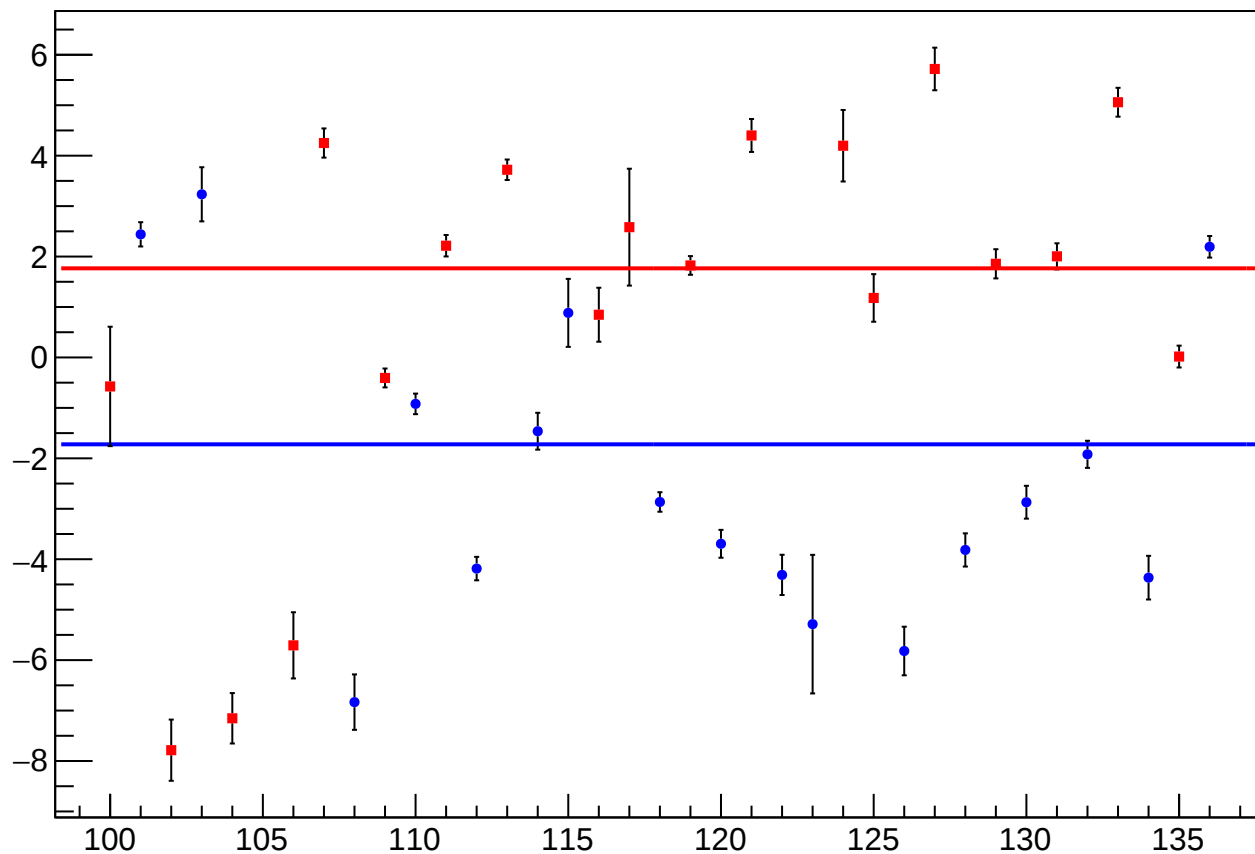
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-2.380+/-0.115 χ^2 /NDF: 438.8/16

0.375+/-0.077 χ^2 /NDF: 2326.4/35

2.639+/-0.104 χ^2 /NDF: 842.6/18

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: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1.766+/-0.069 χ^2 /NDF: 1373.9/18

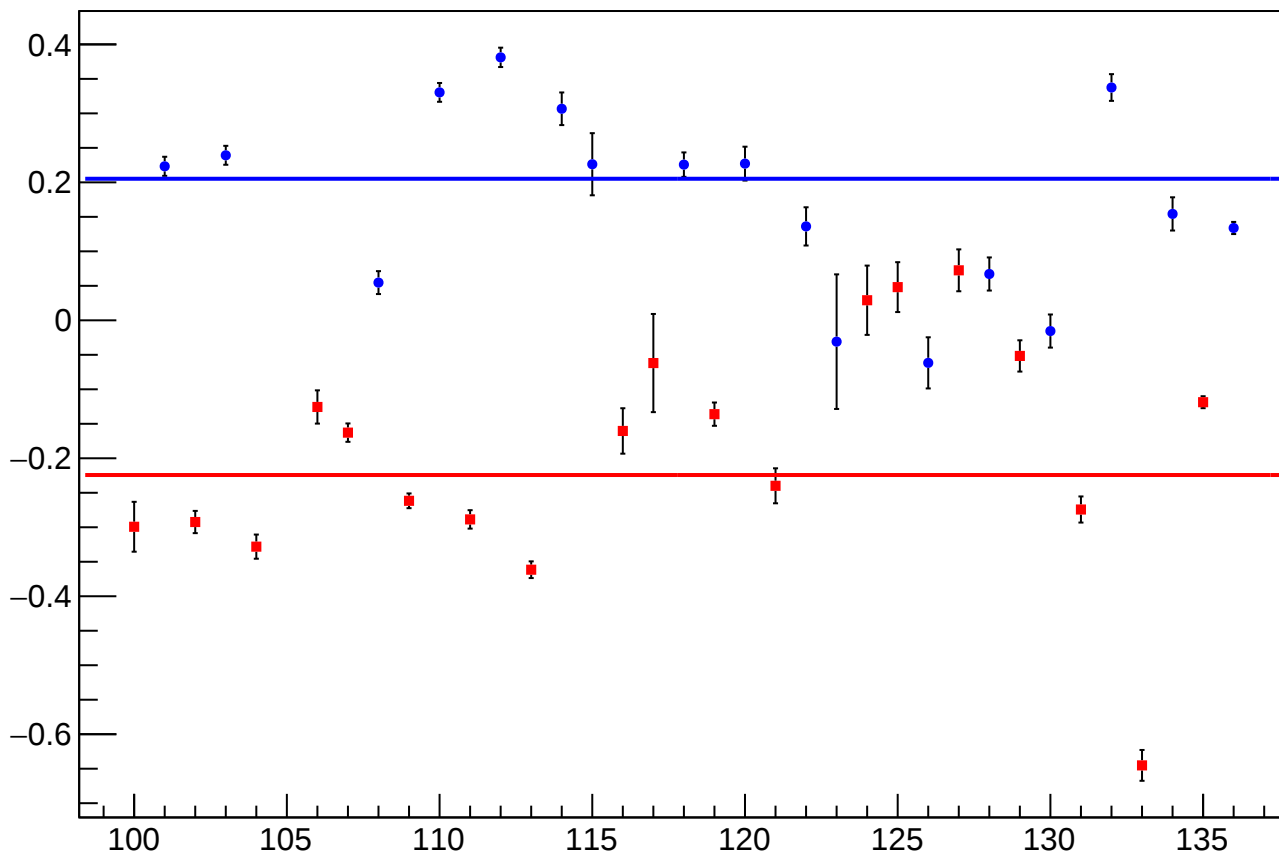
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.722+/-0.073 χ^2 /NDF: 1247.6/16

0.131+/-0.050 χ^2 /NDF: 3830.7/35

1.766+/-0.069 χ^2 /NDF: 1373.9/18

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.224 $\pm$ 0.004 χ^2 /NDF: 1042.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.205 $\pm$ 0.004 χ^2 /NDF: 650.7/16

-0.028 $\pm$ 0.003 χ^2 /NDF: 7166.0/35

-0.224 $\pm$ 0.004 χ^2 /NDF: 1042.0/18