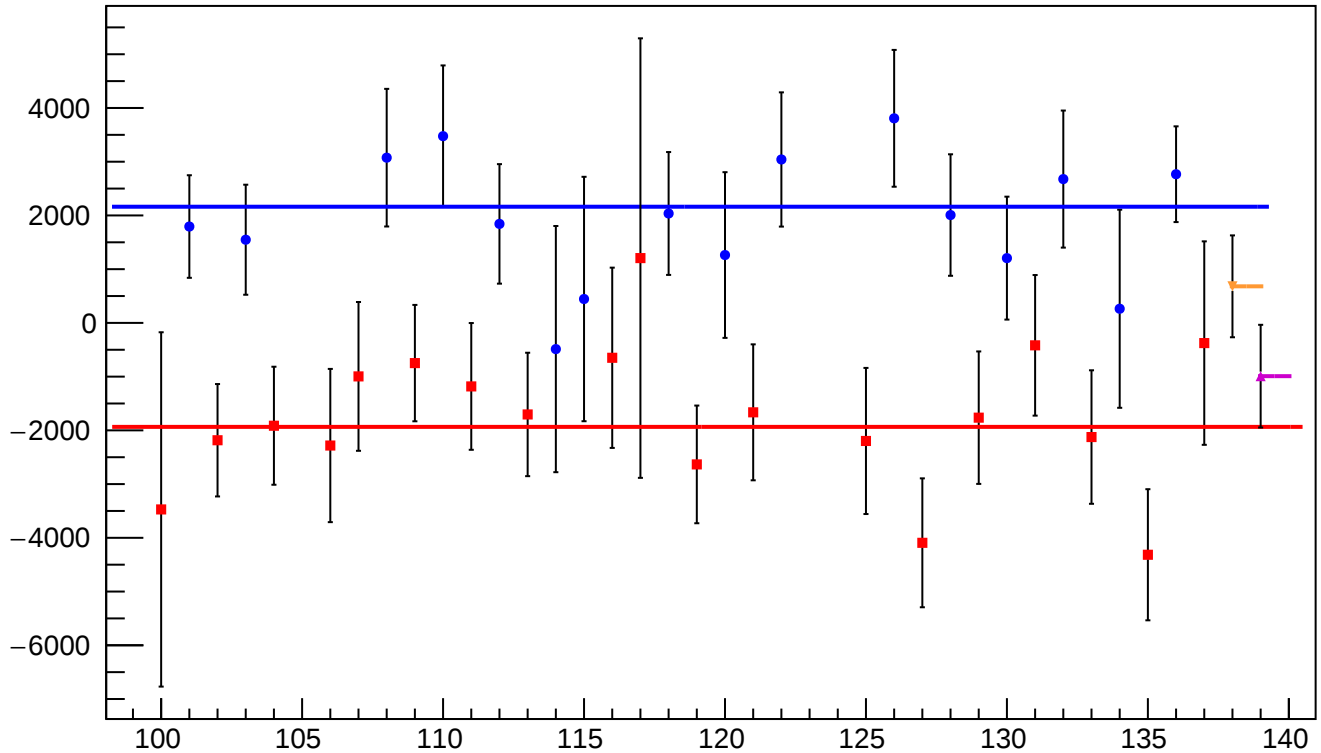


reg_asym_us_avg_mean vs Slug



Right In: 2162.311+/-307.312

χ^2/NDF : 8.9/15

2021.412+/-292.336

χ^2/NDF : 11.1/16

Left Out: 680.552+/-948.021

χ^2/NDF : 0.0/0

Right Out: -1935.183+/-299.773

χ^2/NDF : 13.2/18

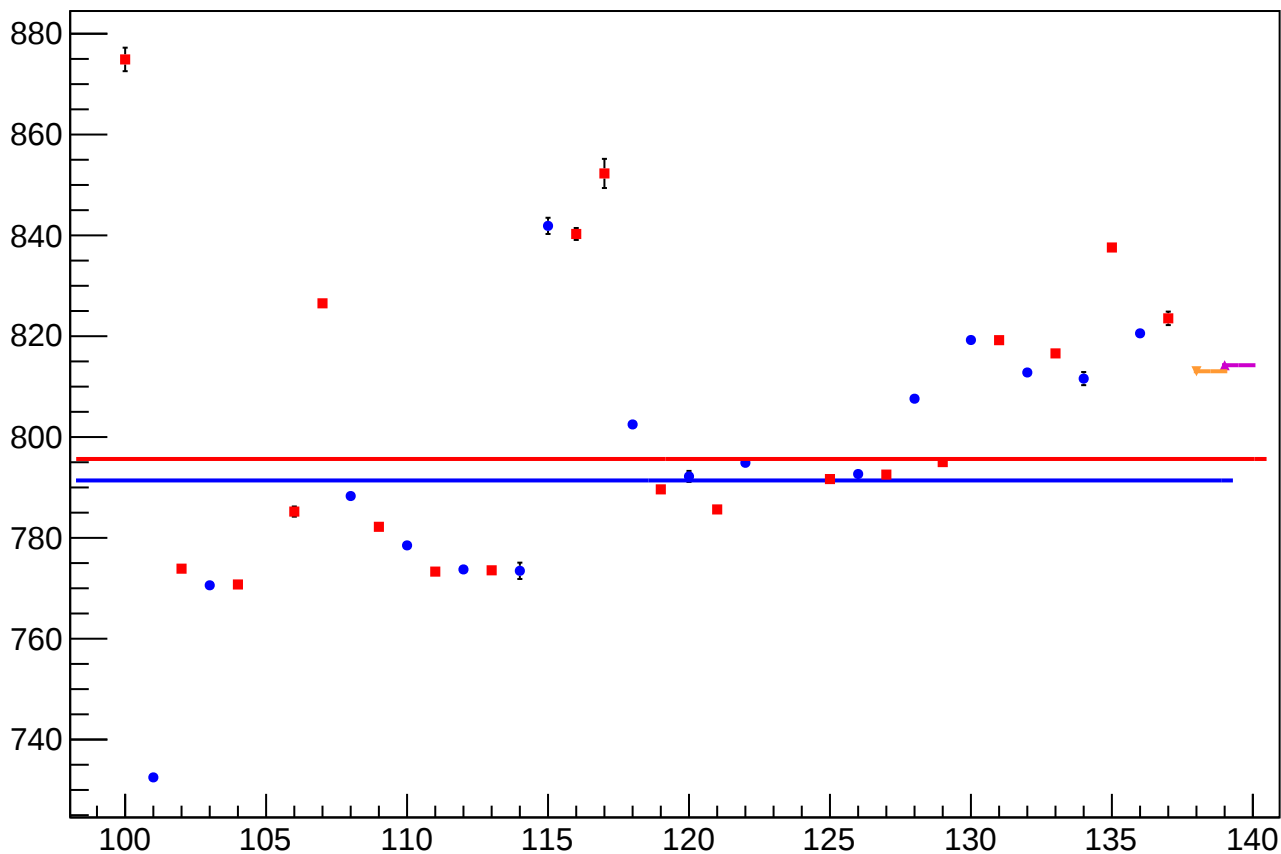
-1850.625+/-286.030

χ^2/NDF : 14.1/19

Left In: -991.294+/-955.645

χ^2/NDF : 0.0/0

reg_asym_us_avg_rms vs Slug



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

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

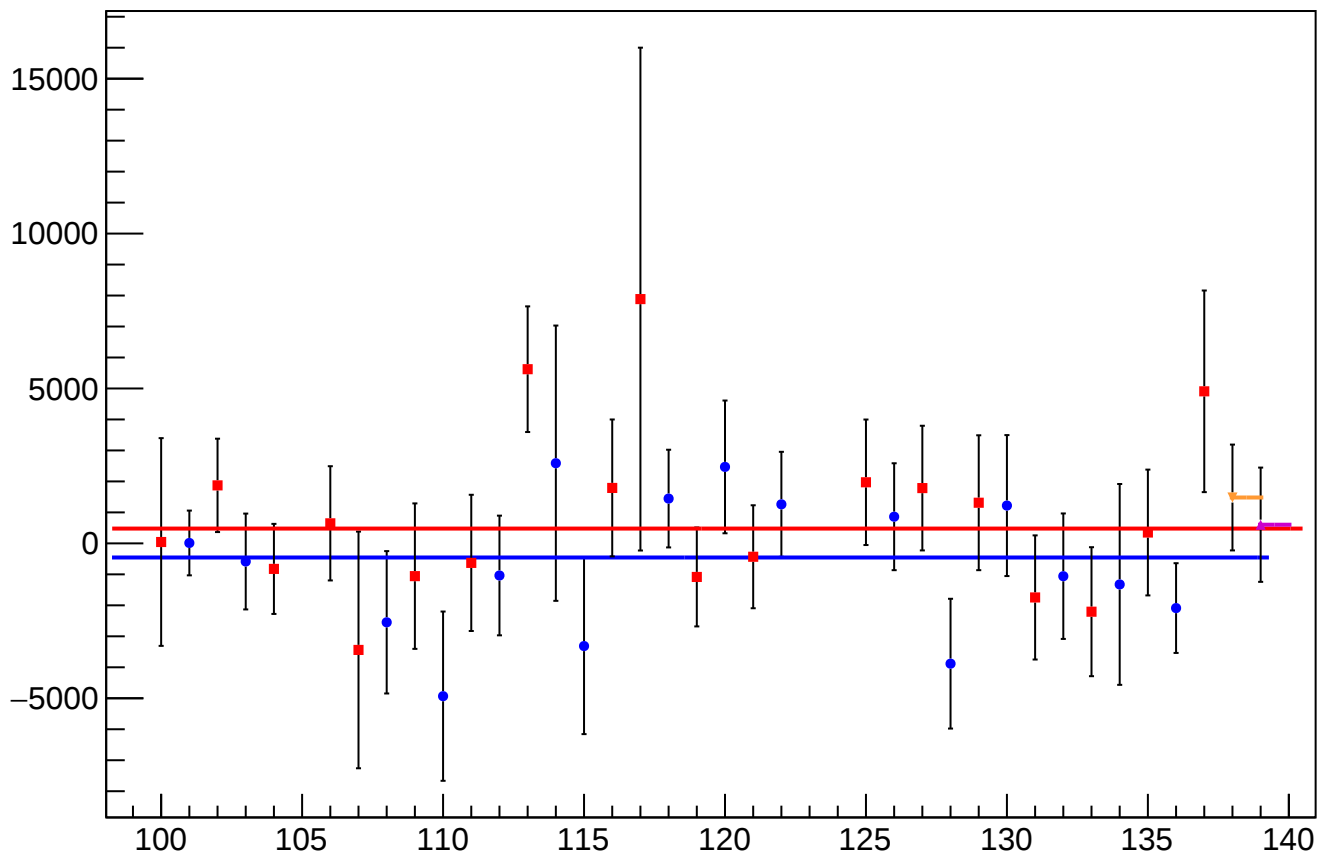
Right Out: 795.650 $\pm$ 0.212 χ^2 /NDF: 11945.4/18

Left In: 814.247 $\pm$ 0.676 χ^2 /NDF: 0.0/0

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

797.316 $\pm$ 0.202 χ^2 /NDF: 12634.8/19

asym_us_avg_correction_mean vs Slug



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

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

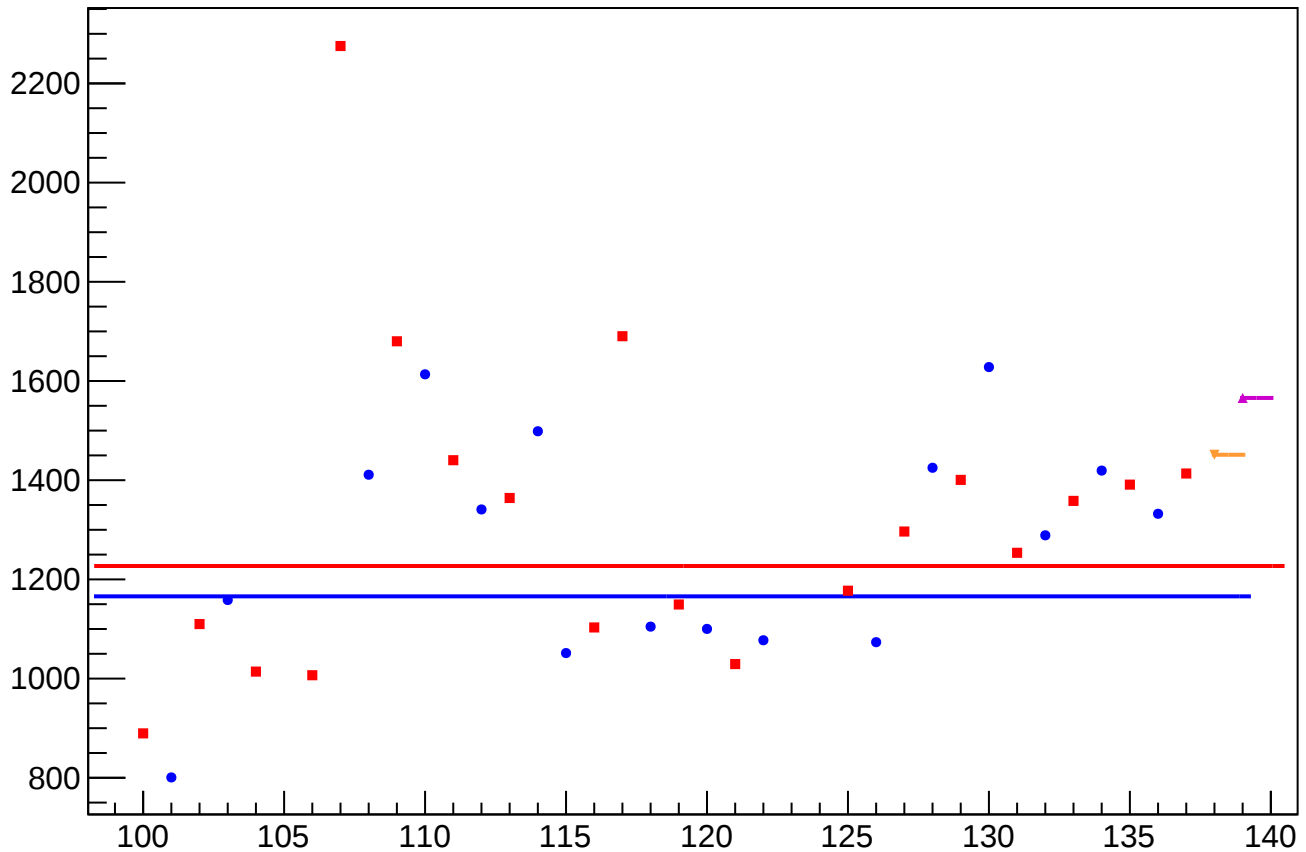
Right Out: 477.782+/-471.960 χ^2/NDF : 18.2/18

Left In: 602.323+/-1844.140 χ^2/NDF : 0.0/0

-322.467+/-447.980 χ^2/NDF : 16.1/16

485.437+/-457.224 χ^2/NDF : 18.2/19

asym_us_avg_correction_rms vs Slug



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

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

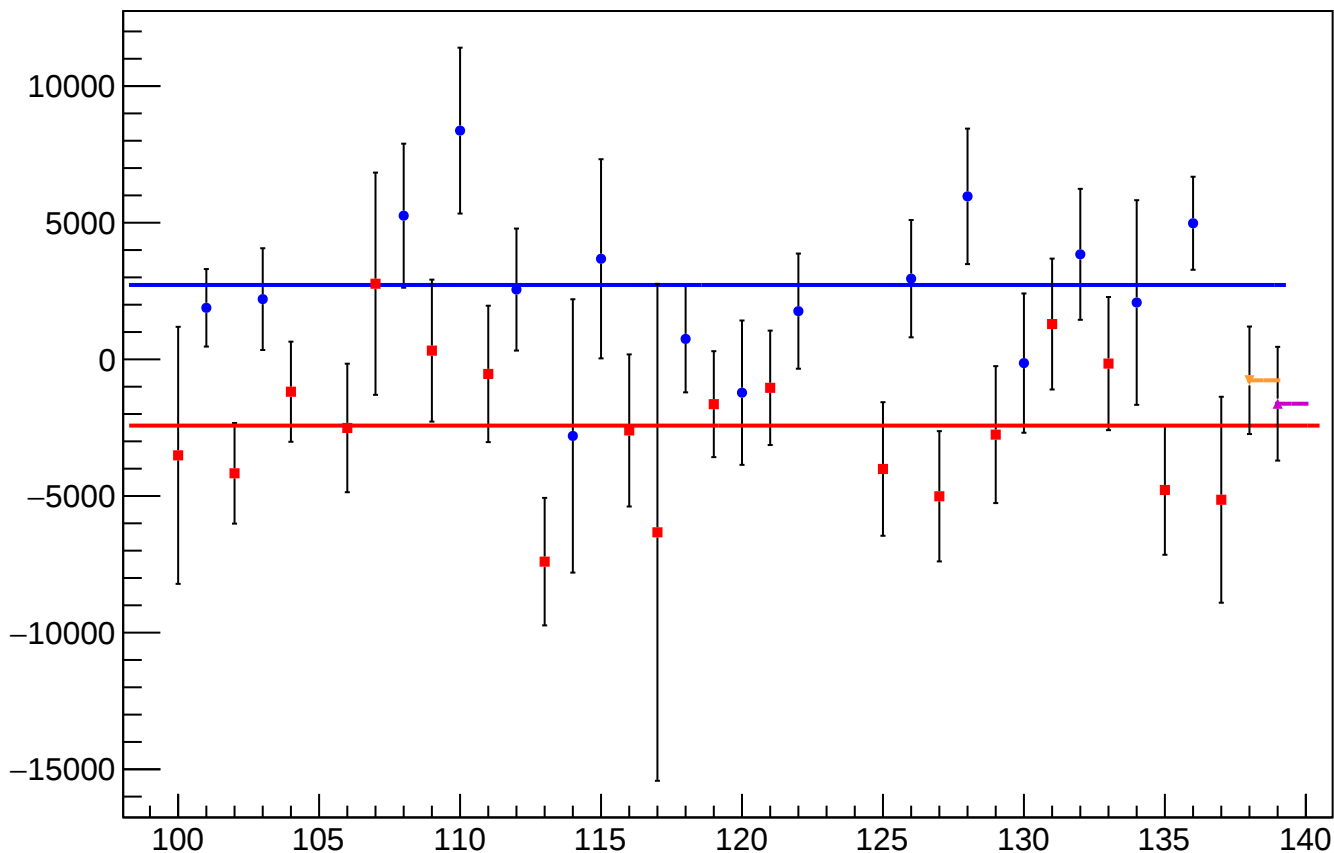
Right Out: 1227.021 $\pm$ 0.334 χ^2 /NDF: 446961.2/18

Left In: 1565.843 $\pm$ 1.304 χ^2 /NDF: 0.0/0

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

1247.848 $\pm$ 0.323 χ^2 /NDF: 510324.0/19

asym_us_avg_mean vs Slug



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

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

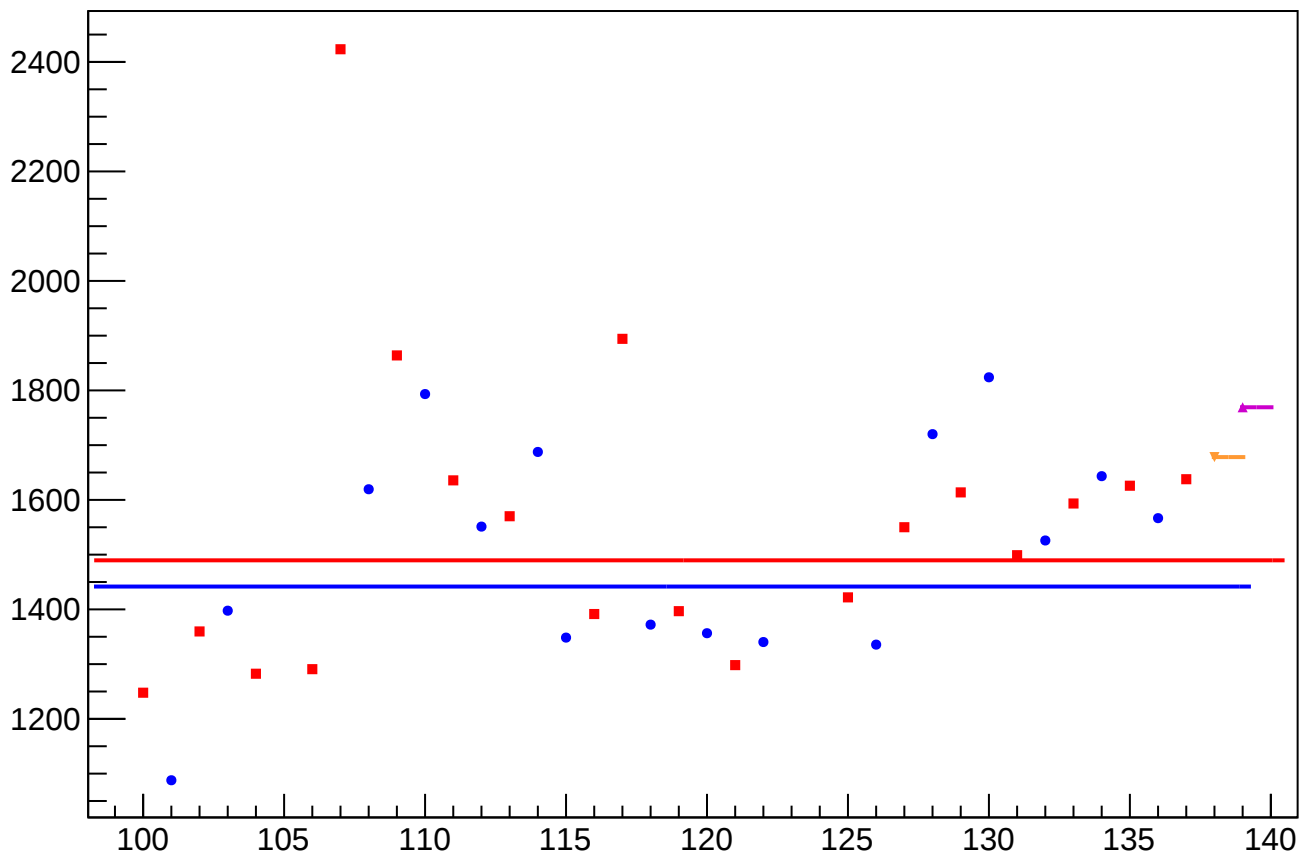
Right Out: -2423.739+/-567.866 χ^2/NDF : 16.5/18

Left In: -1623.244+/-2081.283 χ^2/NDF : 0.0/0

2454.543+/-544.953 χ^2/NDF : 17.5/16

-2368.276+/-547.840 χ^2/NDF : 16.6/19

asym_us_avg_rms vs Slug



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

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

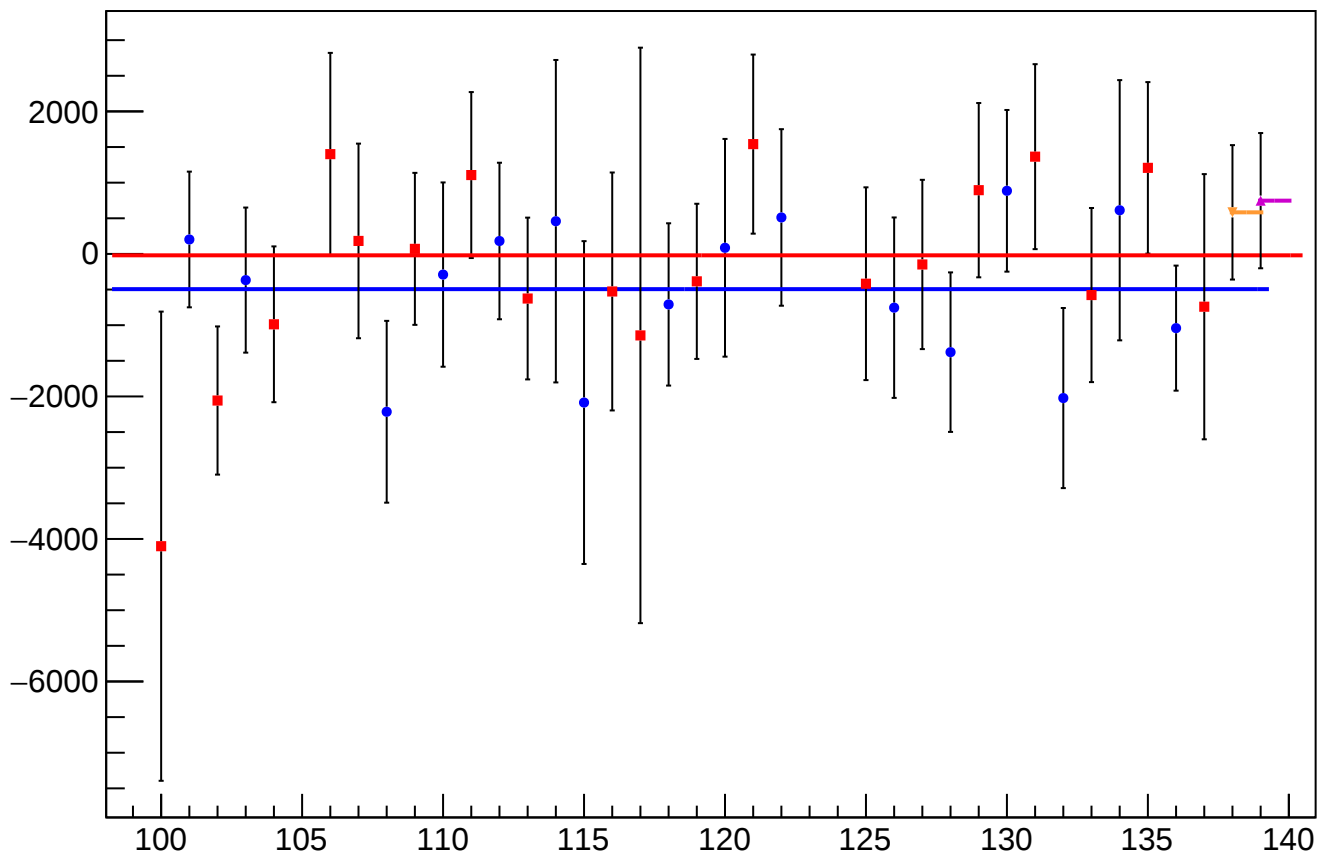
Right Out: 1489.610+/-0.402 χ^2 /NDF: 260116.0/18

Left In: 1769.214+/-1.472 χ^2 /NDF: 0.0/0

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

1508.982+/-0.387 χ^2 /NDF: 293710.7/19

reg_asym_us_dd_mean vs Slug



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

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

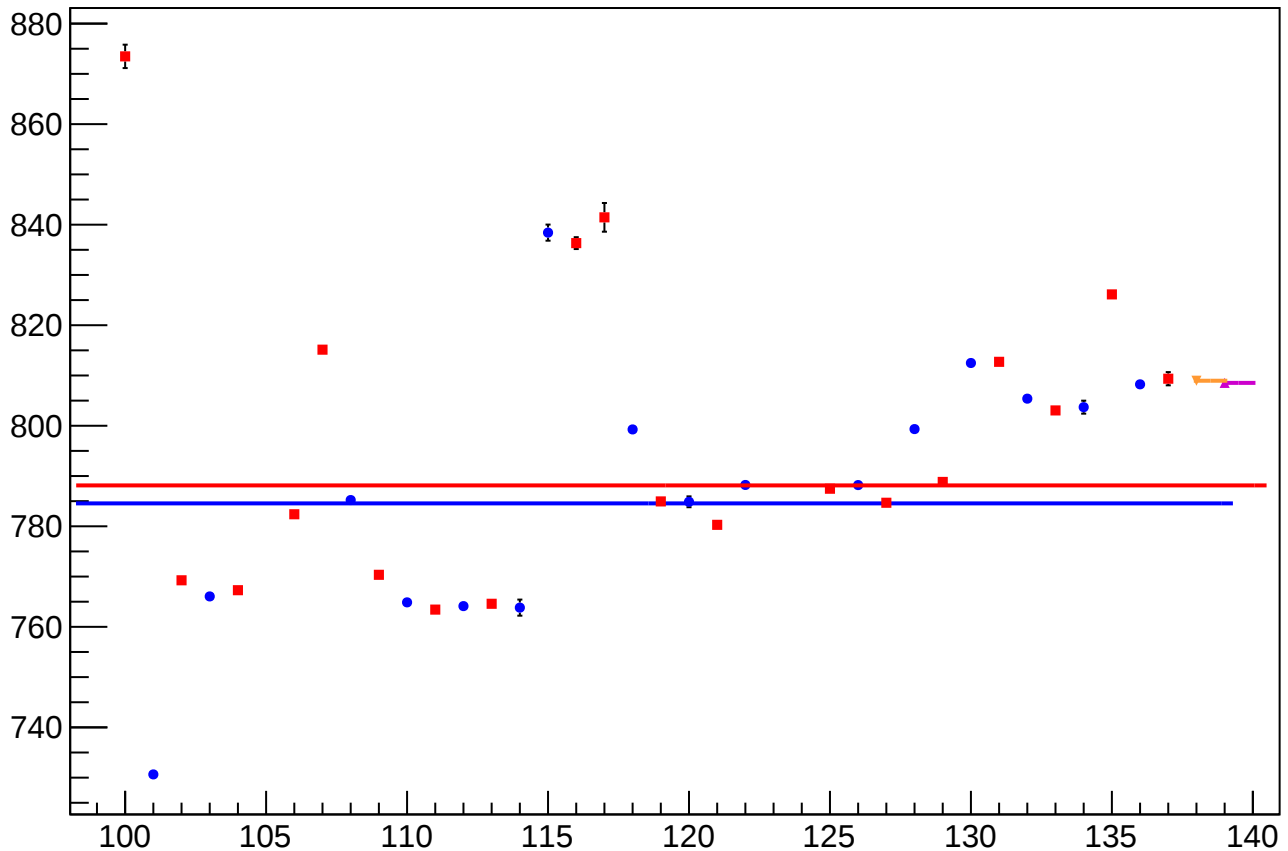
Right Out: -19.622 ± 296.930 χ^2/NDF : 13.4/18

Left In: 747.504 ± 948.887 χ^2/NDF : 0.0/0

-392.416 ± 289.899 χ^2/NDF : 9.8/16

48.797 ± 283.380 χ^2/NDF : 14.0/19

reg_asym_us_dd_rms vs Slug



Right In: 784.558 $\pm$ 0.215 χ^2 /NDF: 13677.7/15

Left Out: 808.956 $\pm$ 0.667 χ^2 /NDF: 0.0/0

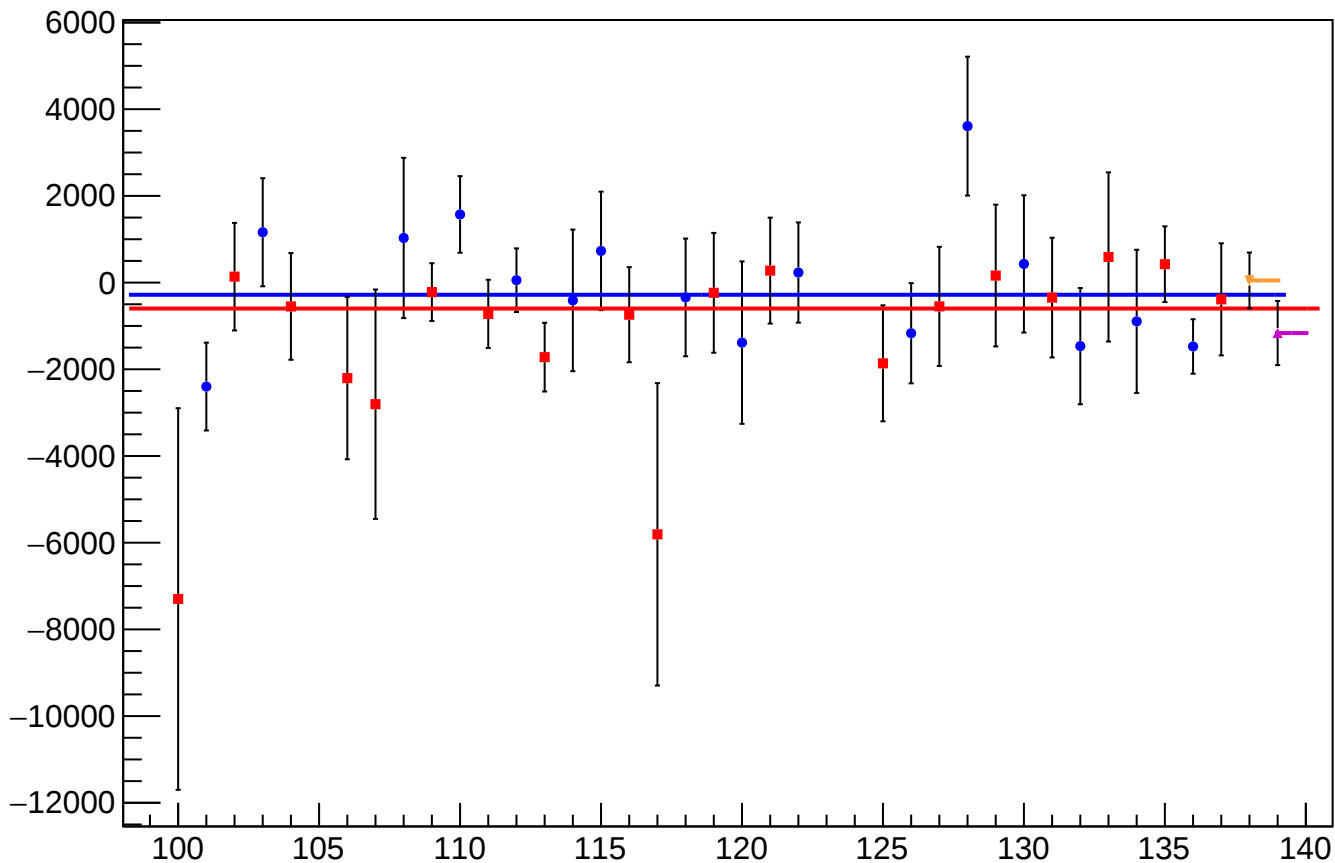
Right Out: 788.134 $\pm$ 0.210 χ^2 /NDF: 11259.7/18

Left In: 808.528 $\pm$ 0.671 χ^2 /NDF: 0.0/0

786.863 $\pm$ 0.205 χ^2 /NDF: 14889.4/16

789.953 $\pm$ 0.200 χ^2 /NDF: 12101.1/19

asym_us_dd_correction_mean vs Slug



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

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

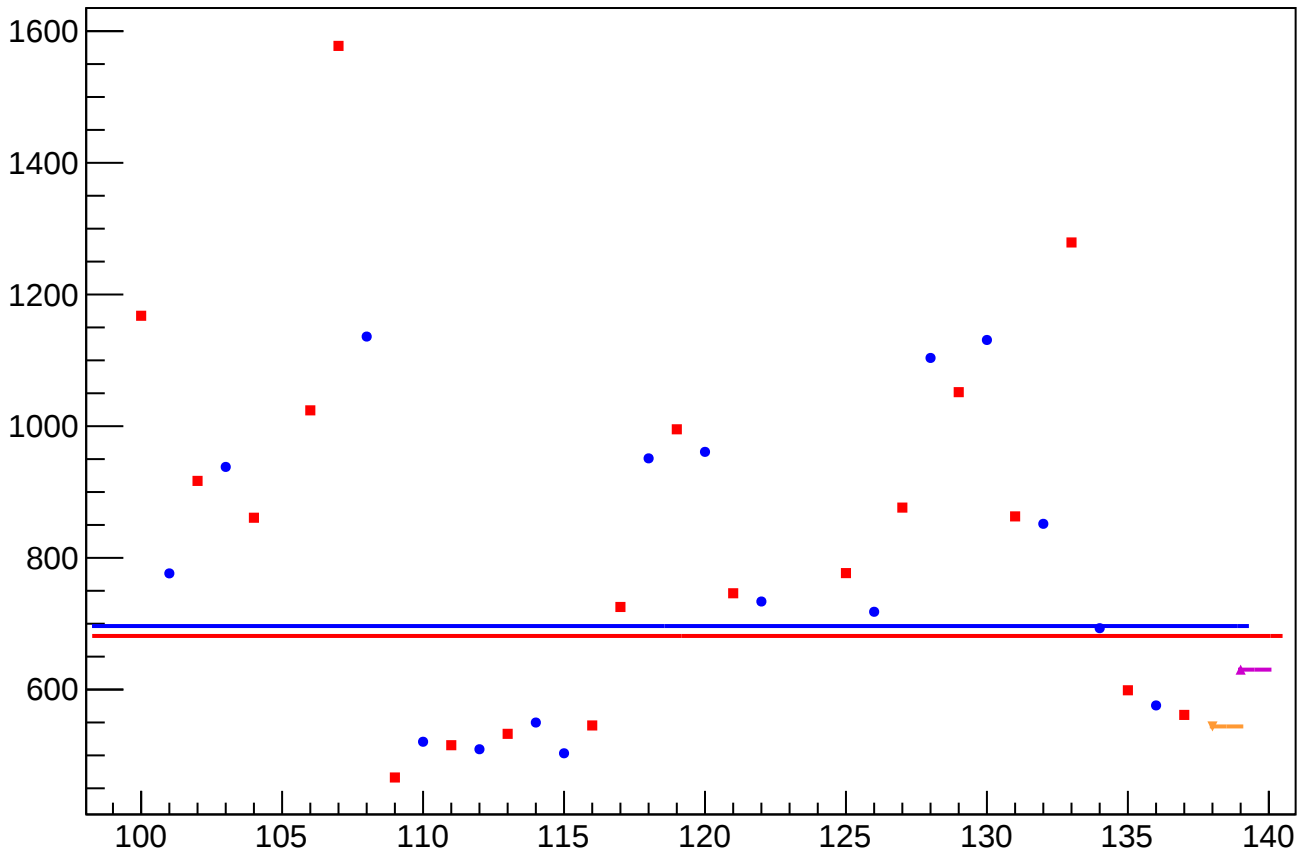
Right Out: -598.108+/-272.052 χ^2/NDF : 12.2/18

Left In: -1163.898+/-740.159 χ^2/NDF : 0.0/0

-227.010+/-258.587 χ^2/NDF : 23.4/16

-665.449+/-255.349 χ^2/NDF : 12.7/19

asym_us_dd_correction_rms vs Slug



Right In: 696.462 $\pm$ 0.200 χ^2 /NDF: 959490.0/15

Left Out: 543.964 $\pm$ 0.454 χ^2 /NDF: 0.0/0

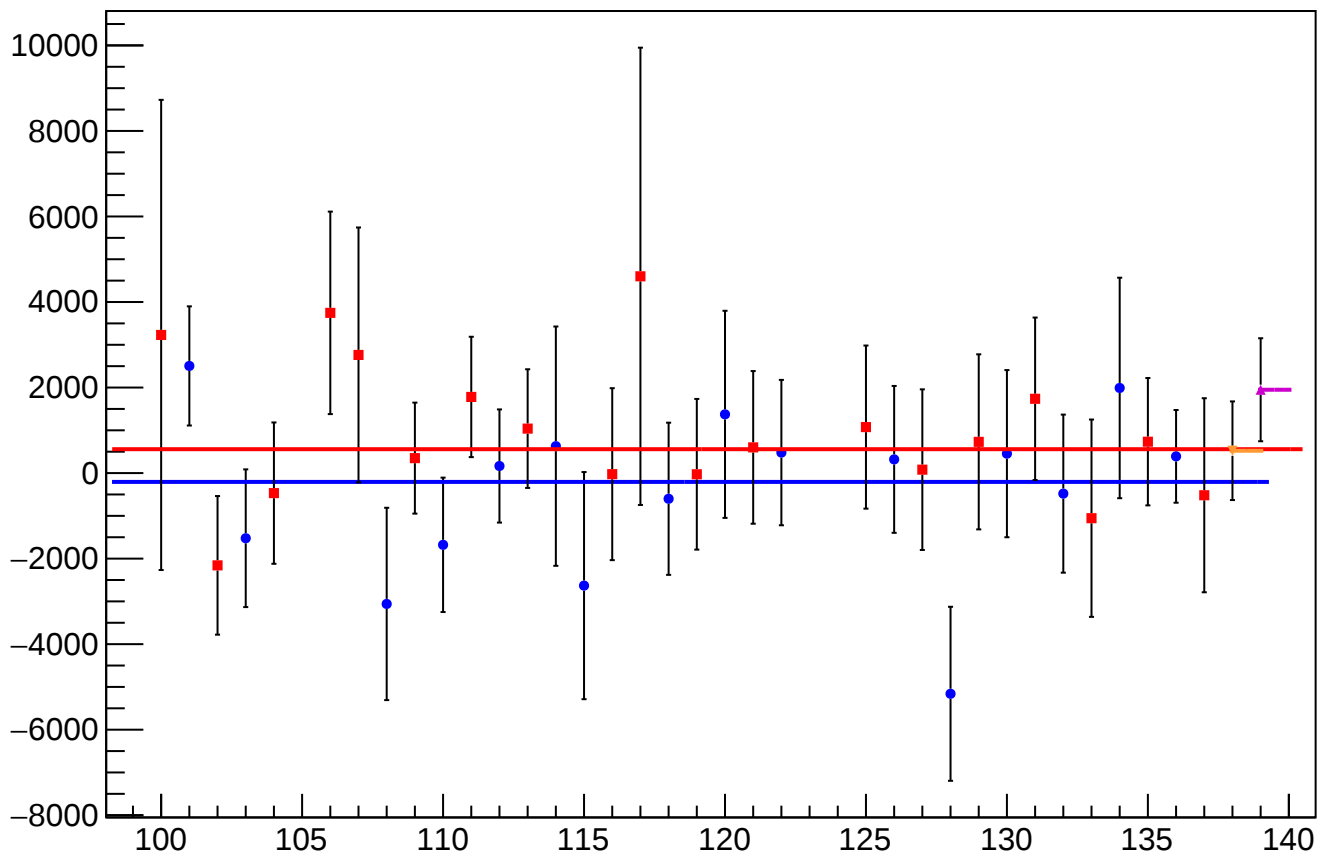
Right Out: 681.396 $\pm$ 0.192 χ^2 /NDF: 1352876.1/18

Left In: 630.248 $\pm$ 0.523 χ^2 /NDF: 0.0/0

671.737 $\pm$ 0.183 χ^2 /NDF: 1053981.2/16

675.308 $\pm$ 0.181 χ^2 /NDF: 1361290.1/19

asym_us_dd_mean vs Slug



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

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

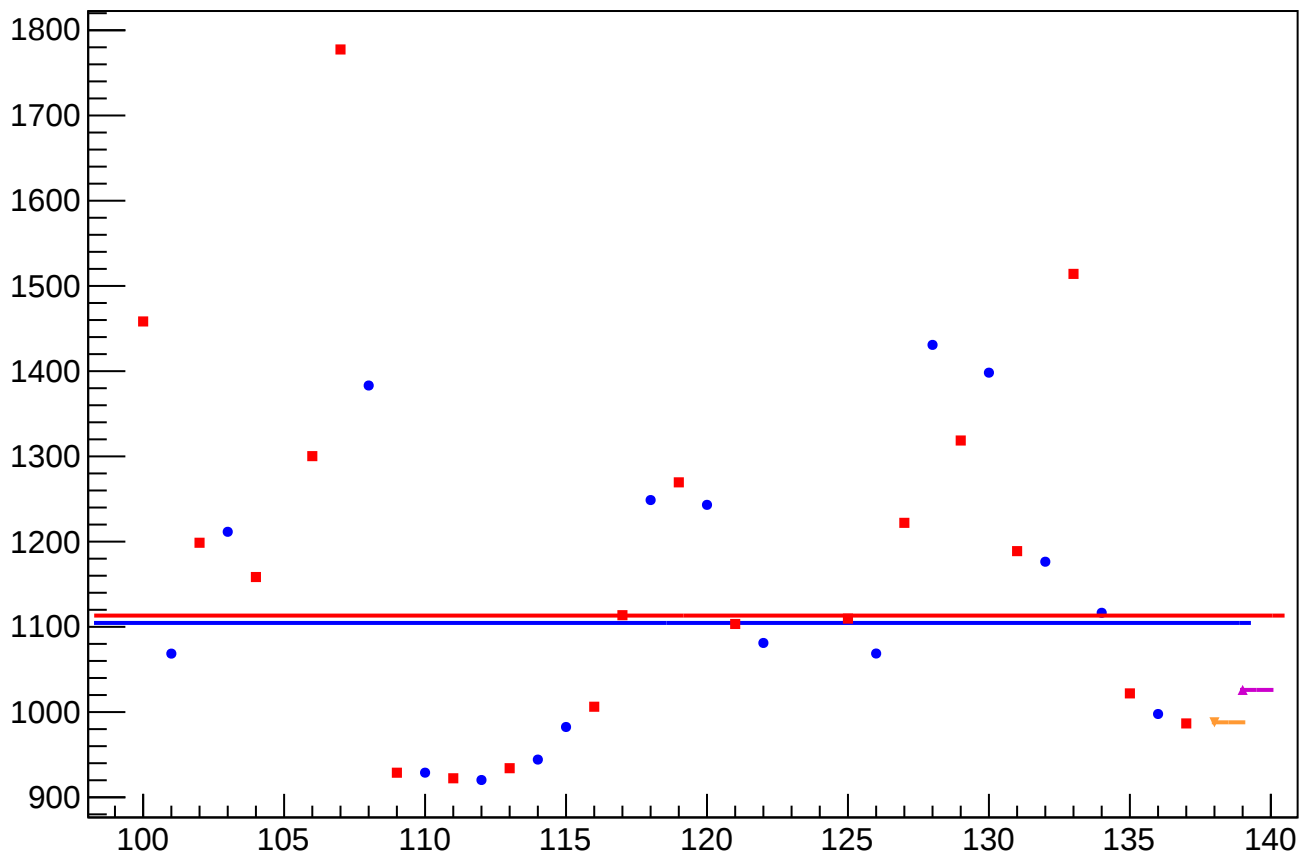
Right Out: 558.638+/-425.771 χ^2/NDF : 8.7/18

Left In: 1948.606+/-1204.230 χ^2/NDF : 0.0/0

-116.033+/-406.001 χ^2/NDF : 16.1/16

713.086+/-401.420 χ^2/NDF : 9.9/19

asym_us_dd_rms vs Slug



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

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

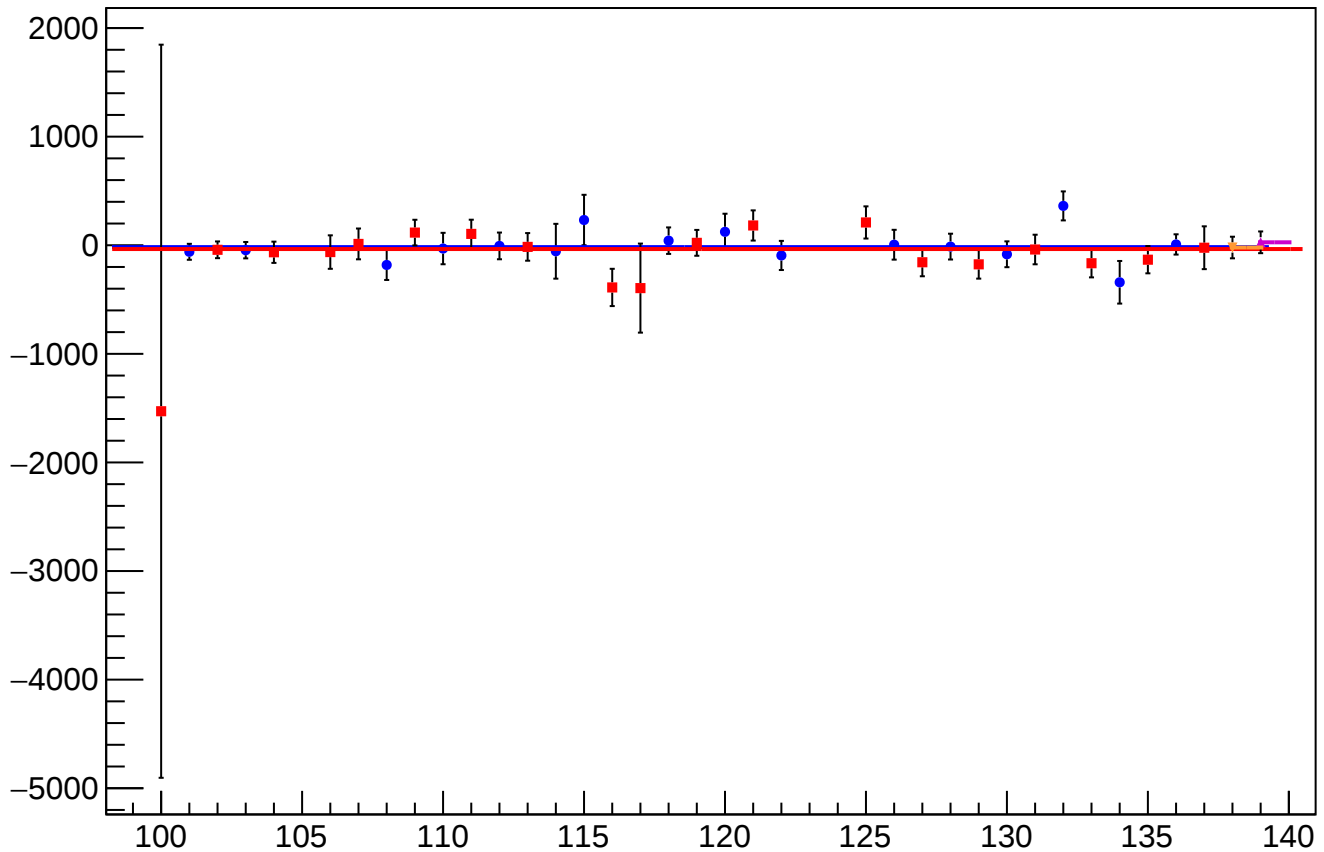
Right Out: 1113.218 $\pm$ 0.301 χ^2 /NDF: 362982.2/18

Left In: 1026.006 $\pm$ 0.852 χ^2 /NDF: 0.0/0

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

1103.528 $\pm$ 0.284 χ^2 /NDF: 372306.3/19

reg_asym_ds_avg_mean vs Slug



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

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

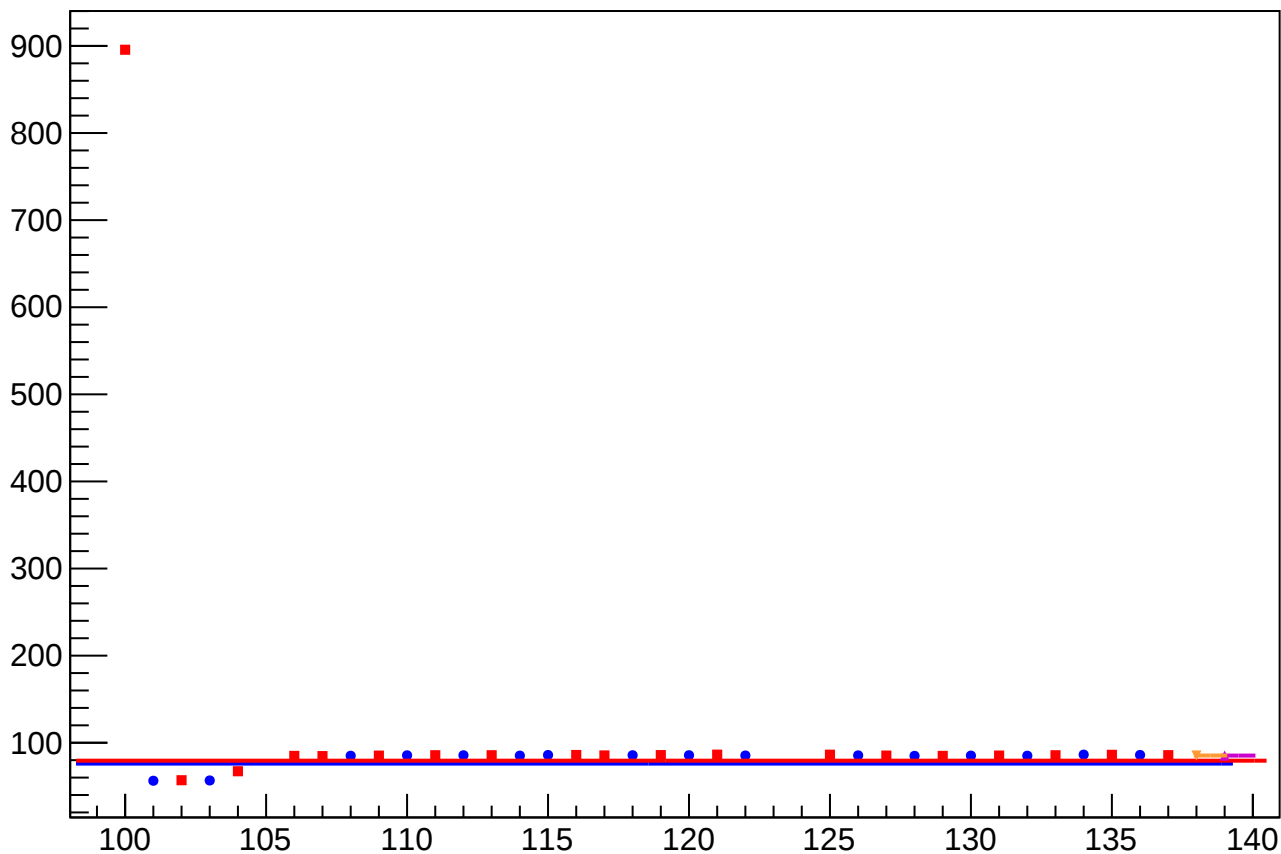
Right Out: -34.875+/-30.363 χ^2 /NDF: 17.3/18

Left In: 27.102+/-100.077 χ^2 /NDF:0.0/0

-17.539+/-28.713 χ^2 /NDF: 15.6/16

-29.651+/-29.055 χ^2 /NDF: 17.7/19

reg_asym_ds_avg_rms vs Slug



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

Left Out: 85.351+/-0.070 χ^2/NDF : 0.0/0

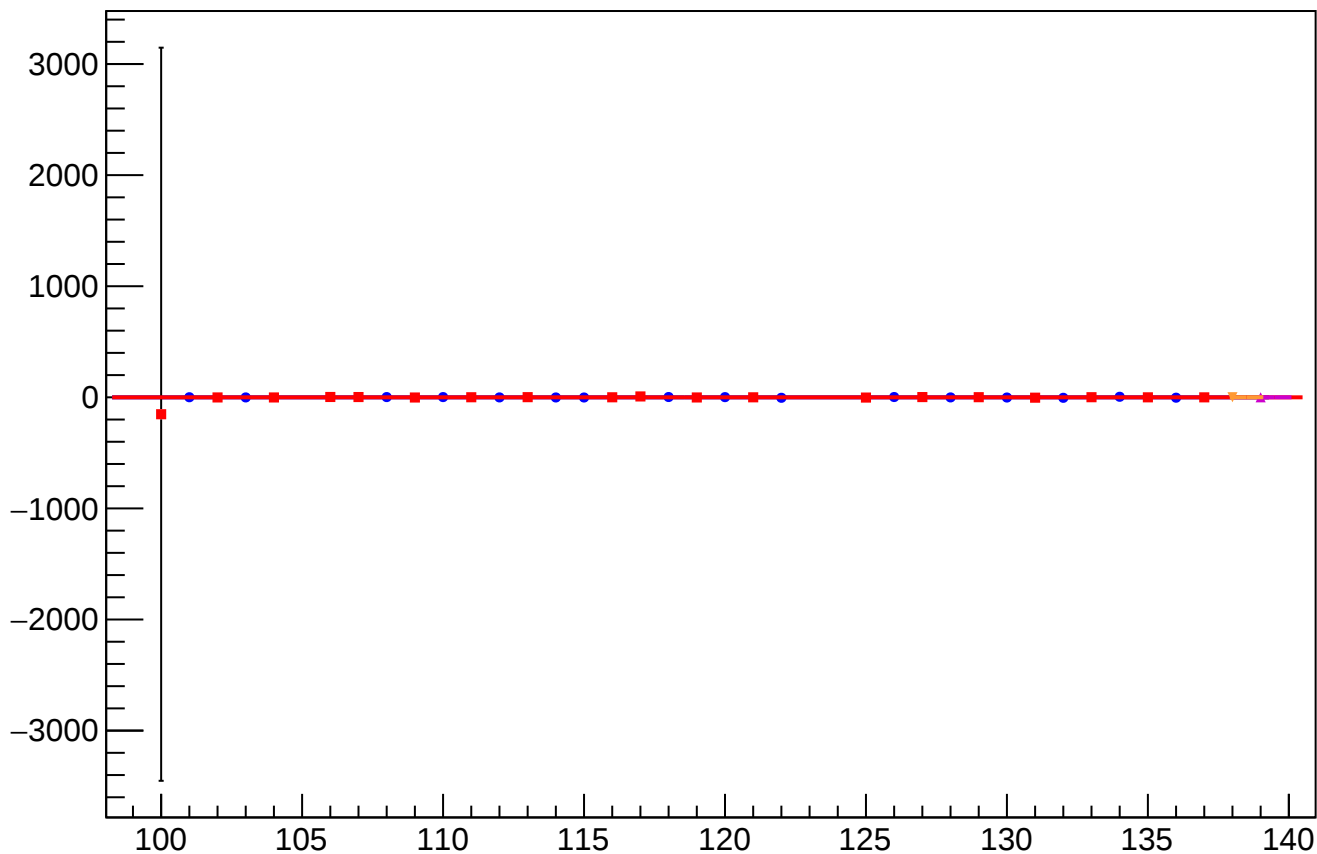
Right Out: 79.423+/-0.021 χ^2/NDF : 378959.4/18

Left In: 85.272+/-0.071 χ^2/NDF : 0.0/0

76.851+/-0.020 χ^2/NDF : 425085.0/16

79.916+/-0.021 χ^2/NDF : 385215.7/19

asym_ds_avg_correction_mean vs Slug



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

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

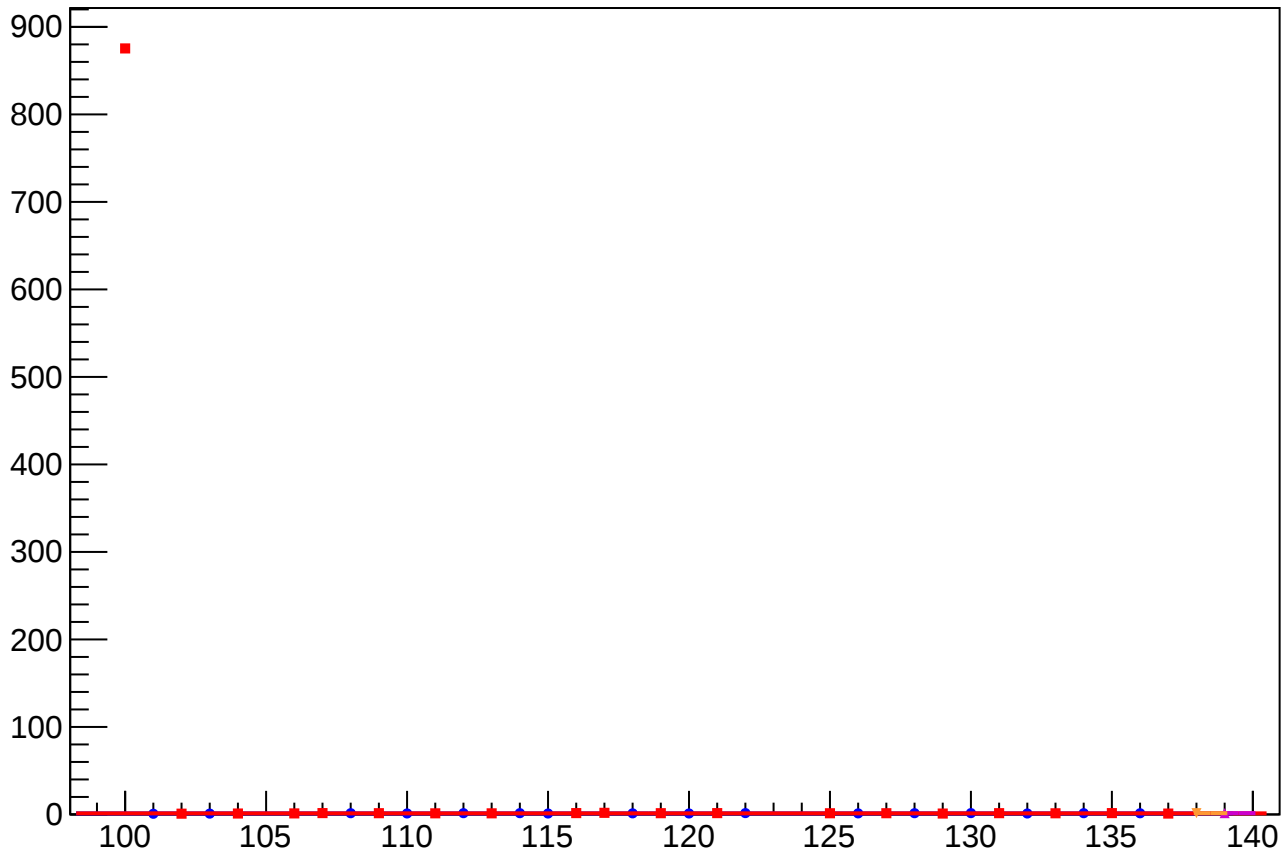
Right Out: -0.051+/-0.520 χ^2 /NDF: 9.8/18

Left In: 0.184+/-1.869 χ^2 /NDF:0.0/0

-0.207+/-0.484 χ^2 /NDF: 21.5/16

-0.035+/-0.501 χ^2 /NDF: 9.8/19

asym_ds_avg_correction_rms vs Slug



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

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

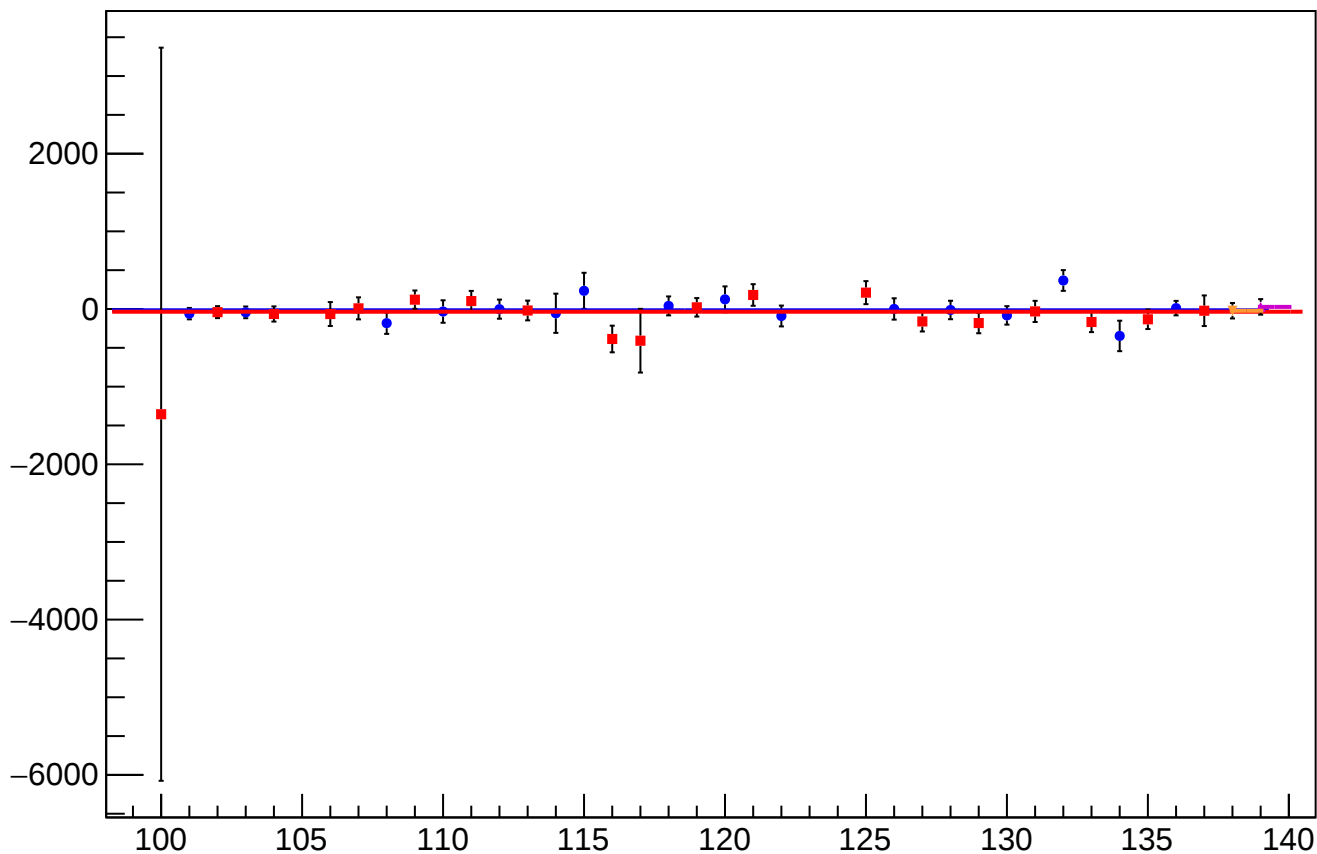
Right Out: 1.249 $\pm$ 0.000 χ^2 /NDF: 526097.8/18

Left In: 1.517 $\pm$ 0.001 χ^2 /NDF: 0.0/0

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

1.268 $\pm$ 0.000 χ^2 /NDF: 564165.0/19

asym_ds_avg_mean vs Slug



Right In: -16.311+/-29.996 χ^2 /NDF: 15.9/15

Left Out: -22.211+/-99.549 χ^2 /NDF:0.0/0

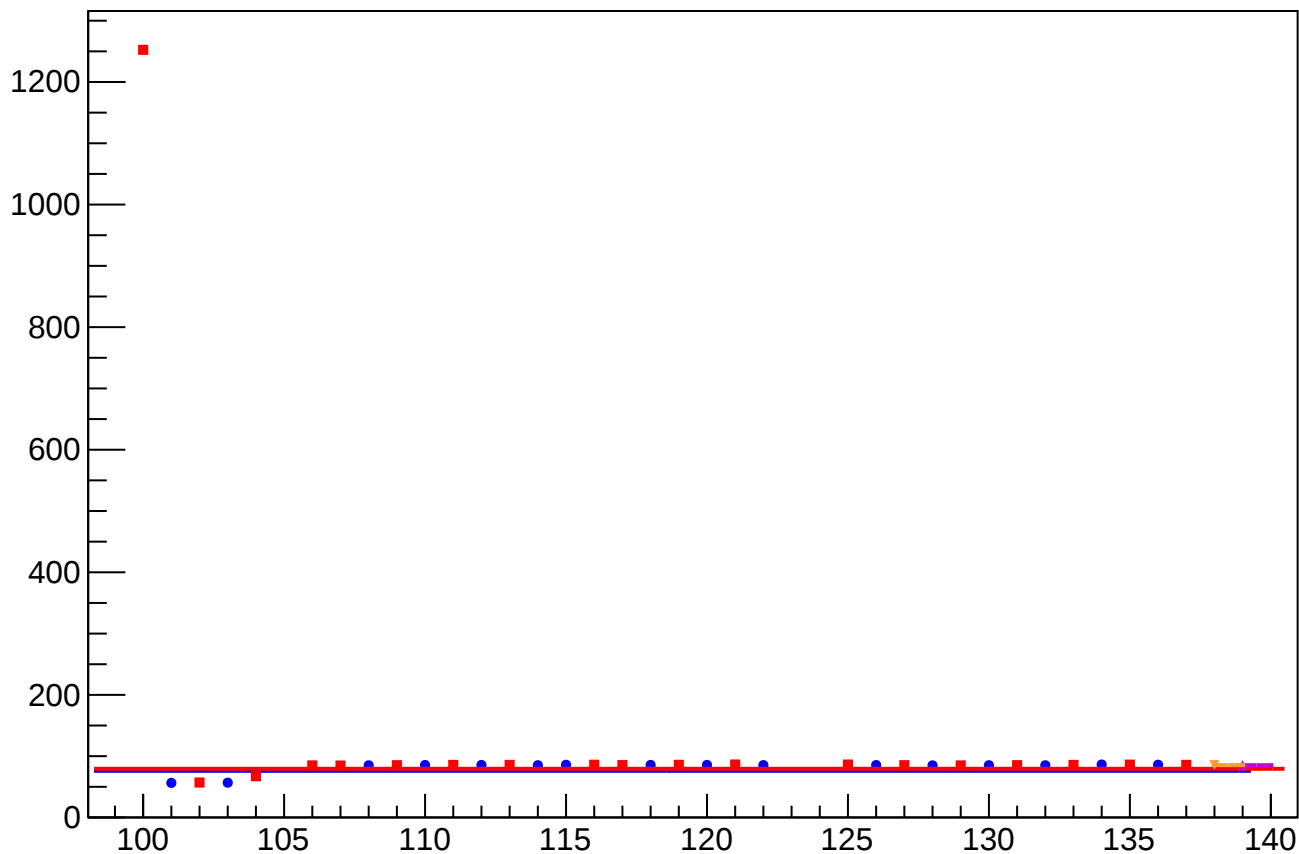
Right Out: -35.172+/-30.371 χ^2 /NDF: 17.4/18

Left In: 27.199+/-100.103 χ^2 /NDF:0.0/0

-16.802+/-28.720 χ^2 /NDF: 15.9/16

-29.915+/-29.063 χ^2 /NDF: 17.7/19

asym_ds_avg_rms vs Slug



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

Left Out: 85.375+/-0.070 χ^2/NDF : 0.0/0

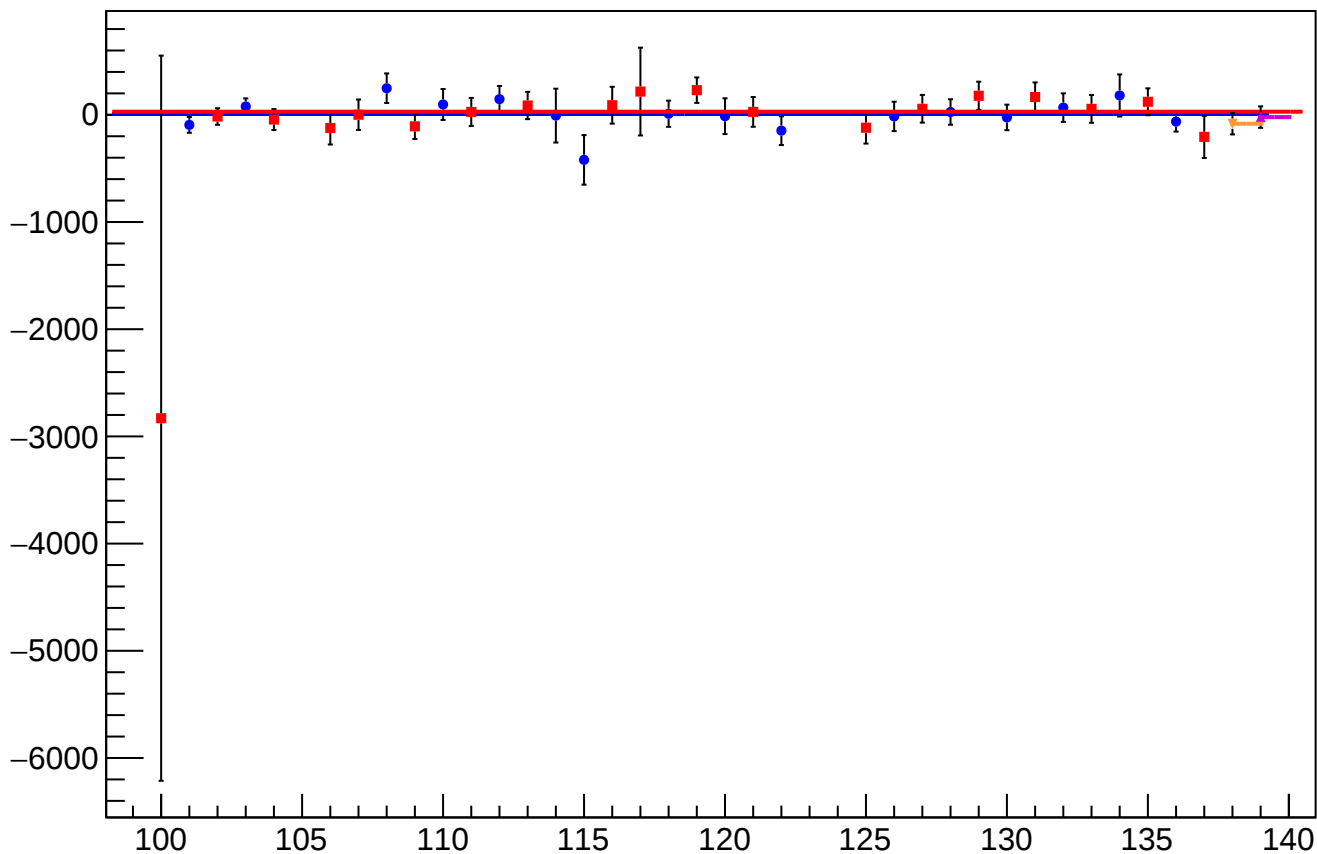
Right Out: 79.426+/-0.021 χ^2/NDF : 385484.8/18

Left In: 85.294+/-0.071 χ^2/NDF : 0.0/0

76.871+/-0.020 χ^2/NDF : 425122.3/16

79.921+/-0.021 χ^2/NDF : 391777.3/19

reg_asym_ds_dd_mean vs Slug



Right In: 7.460 $\pm$ 29.969 χ^2 /NDF: 13.9/15

Left Out: -83.216 $\pm$ 99.655 χ^2 /NDF: 0.0/0

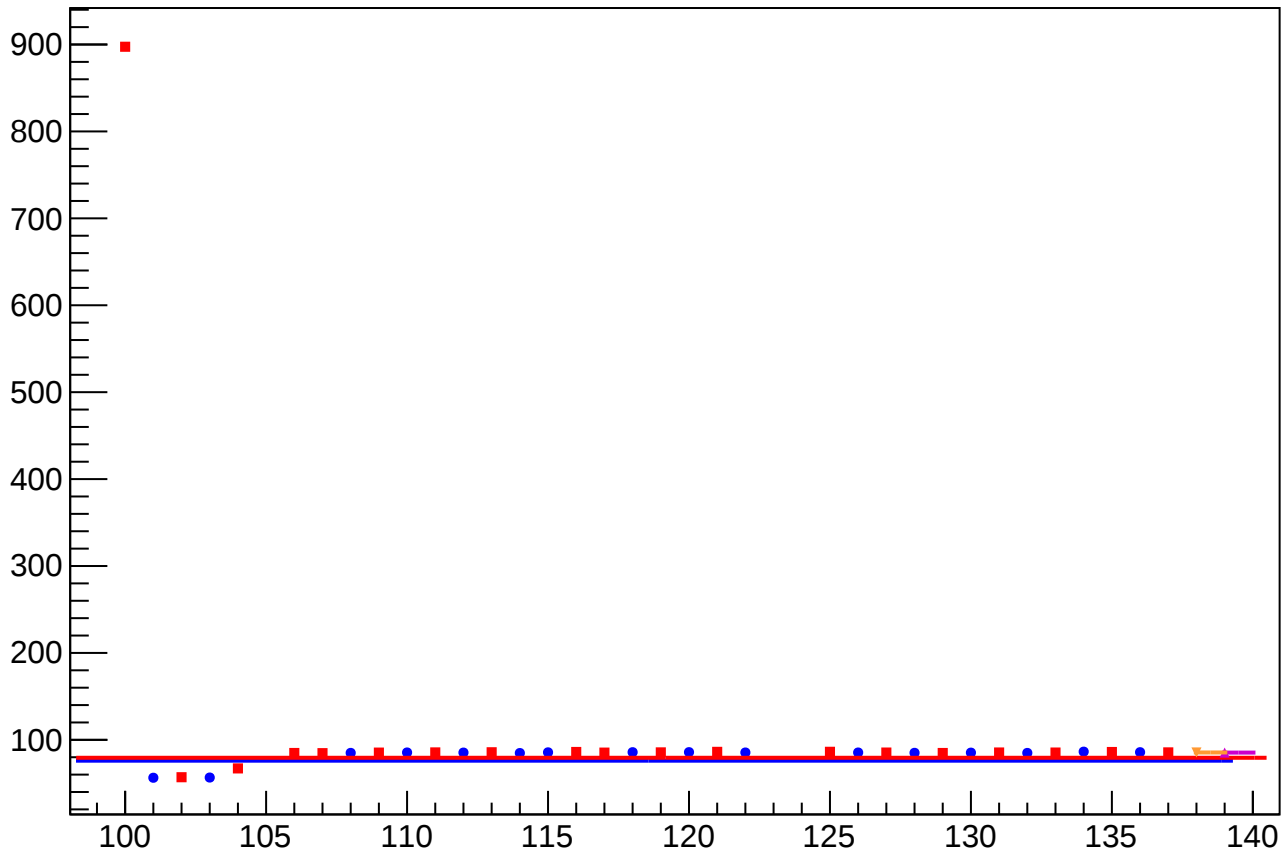
Right Out: 28.958 $\pm$ 30.344 χ^2 /NDF: 12.7/18

Left In: -21.266 $\pm$ 100.146 χ^2 /NDF: 0.0/0

-0.060 $\pm$ 28.699 χ^2 /NDF: 14.7/16

24.735 $\pm$ 29.040 χ^2 /NDF: 12.9/19

reg_asym_ds_dd_rms vs Slug



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

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

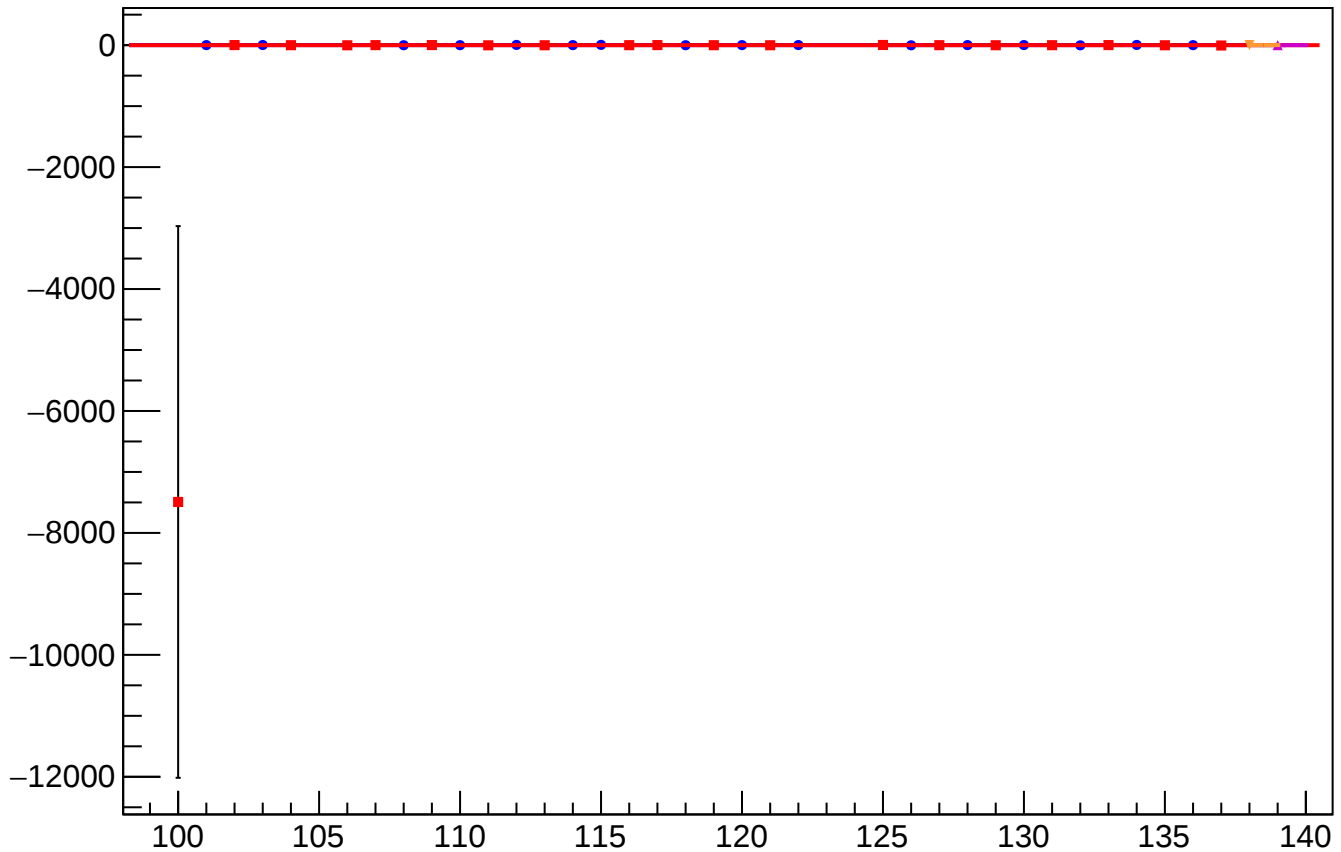
Right Out: 79.375 $\pm$ 0.021 χ^2 /NDF: 378794.5/18

Left In: 85.331 $\pm$ 0.071 χ^2 /NDF: 0.0/0

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

79.875 $\pm$ 0.021 χ^2 /NDF: 385275.0/19

asym_ds_dd_correction_mean vs Slug



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

Left Out: 1.290+/-1.618 χ^2/NDF : 0.0/0

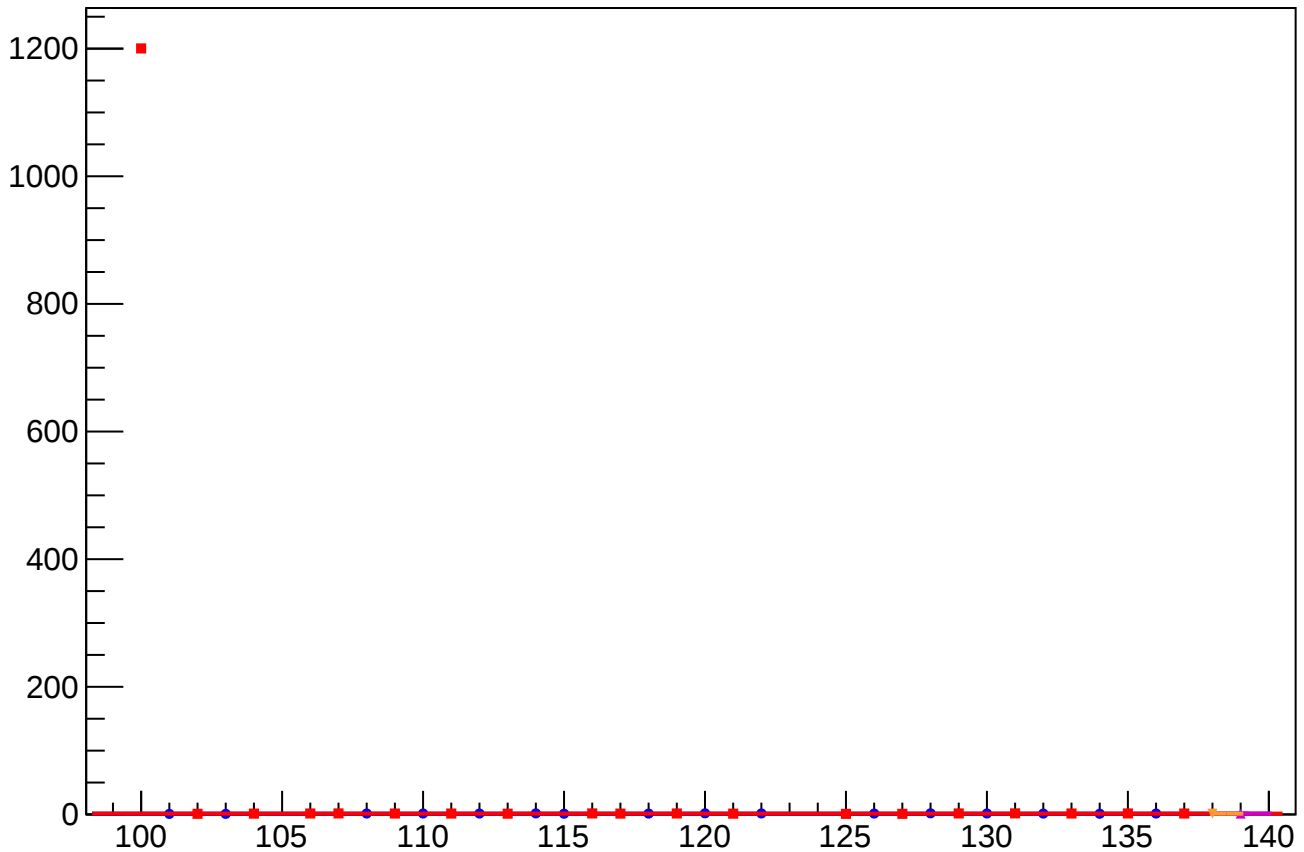
Right Out: -0.304+/-0.547 χ^2/NDF : 12.6/18

Left In: 0.085+/-1.777 χ^2/NDF : 0.0/0

0.948+/-0.505 χ^2/NDF : 12.0/16

-0.270+/-0.522 χ^2/NDF : 12.7/19

asym_ds_dd_correction_rms vs Slug



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

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

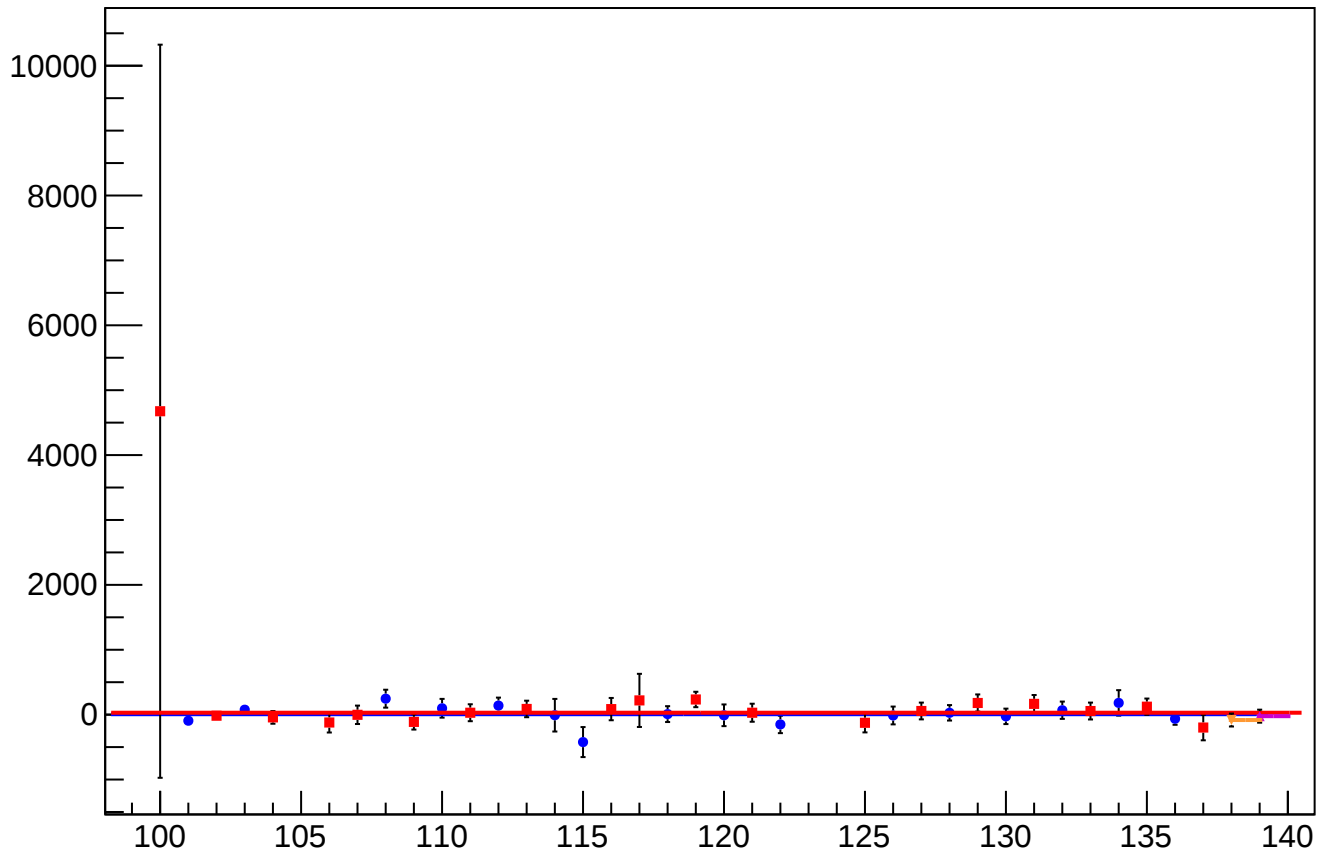
Right Out: 1.318 $\pm$ 0.000 χ^2 /NDF: 521623.7/18

Left In: 1.407 $\pm$ 0.001 χ^2 /NDF: 0.0/0

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

1.325 $\pm$ 0.000 χ^2 /NDF: 526228.5/19

asym_ds_dd_mean vs Slug



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

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

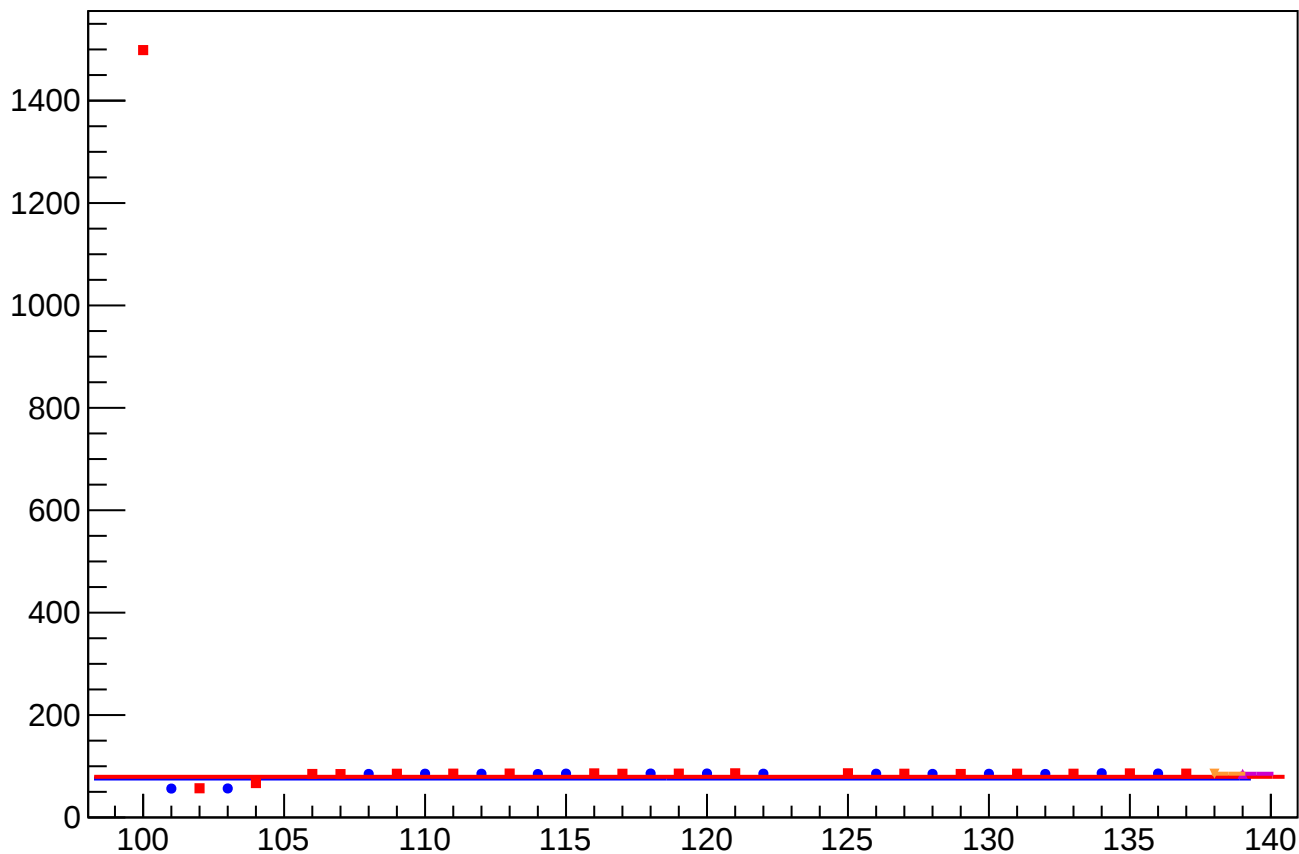
Right Out: 29.600+/-30.353 χ^2/NDF : 12.9/18

Left In: -23.443+/-100.174 χ^2/NDF : 0.0/0

-0.666+/-28.707 χ^2/NDF : 14.6/16

25.139+/-29.049 χ^2/NDF : 13.1/19

asym_ds_dd_rms vs Slug



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

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

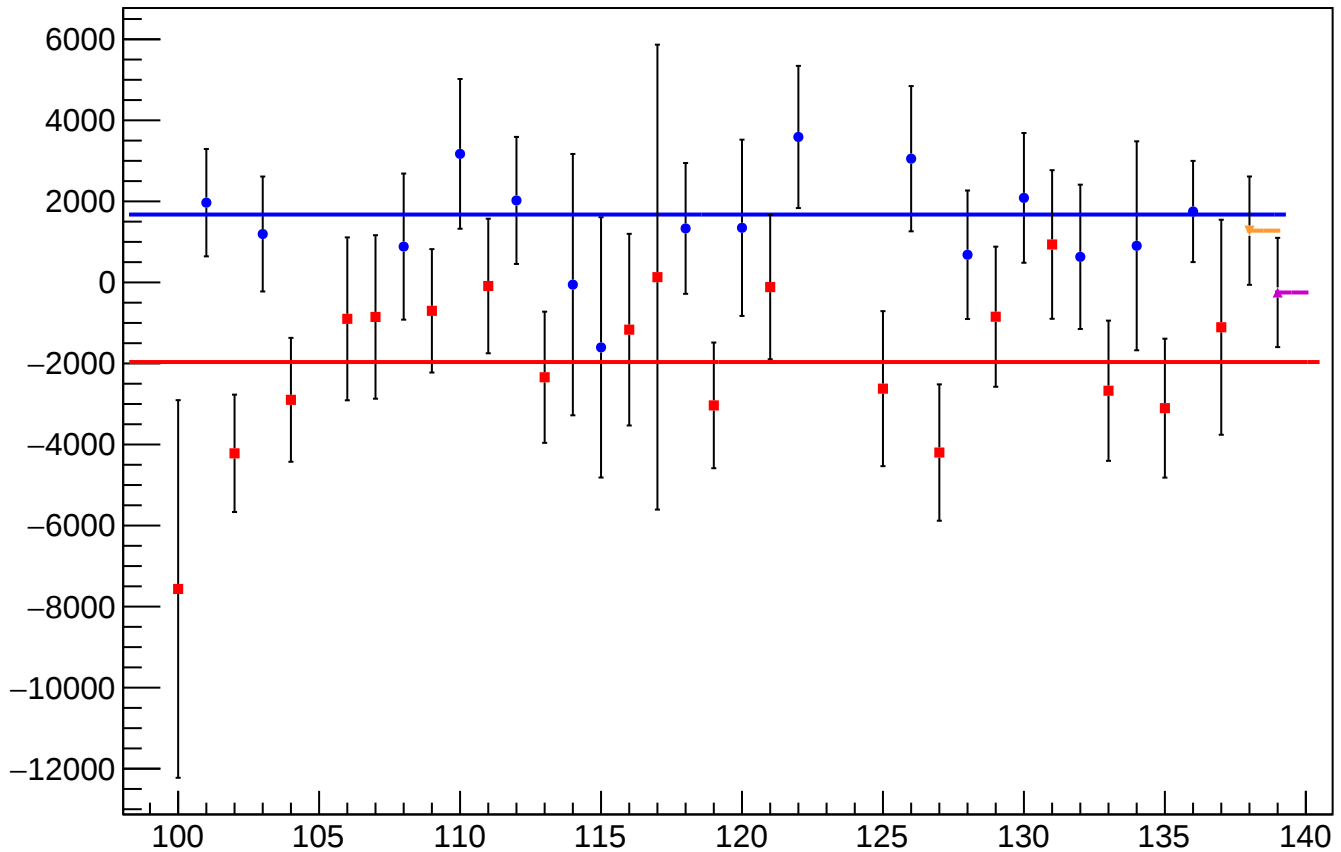
Right Out: 79.371+/-0.021 χ^2/NDF : 388057.0/18

Left In: 85.355+/-0.071 χ^2/NDF : 0.0/0

76.835+/-0.020 χ^2/NDF : 425399.3/16

79.874+/-0.021 χ^2/NDF : 394592.5/19

reg_asym_usl_mean vs Slug



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

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

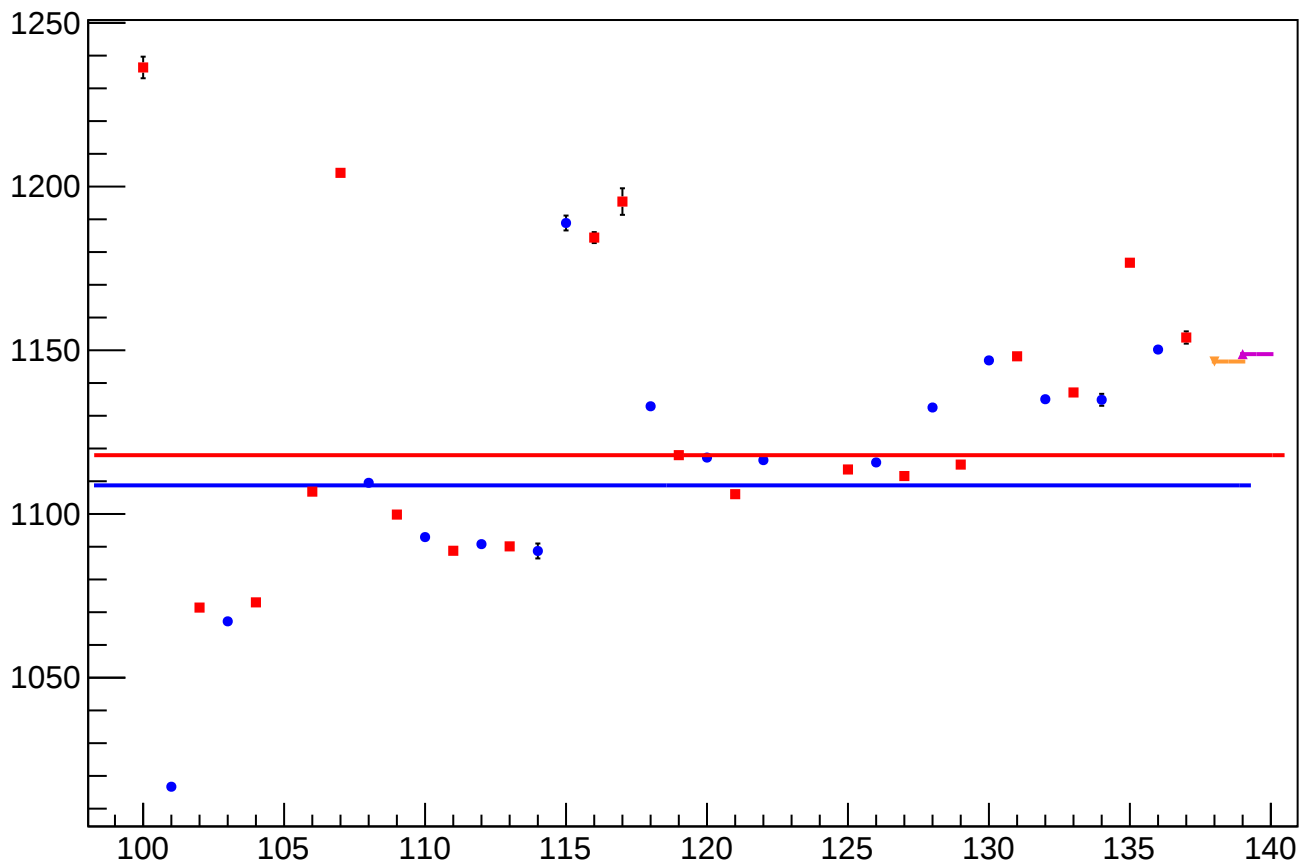
Right Out: -1964.936 $\pm$ 421.265 χ^2 /NDF: 14.2/18

Left In: -248.256 $\pm$ 1348.288 χ^2 /NDF: 0.0/0

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

-1812.257 $\pm$ 402.095 χ^2 /NDF: 15.6/19

reg_asym_usl_rms vs Slug



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

Left Out: 1146.568 $\pm$ 0.945 χ^2 /NDF: 0.0/0

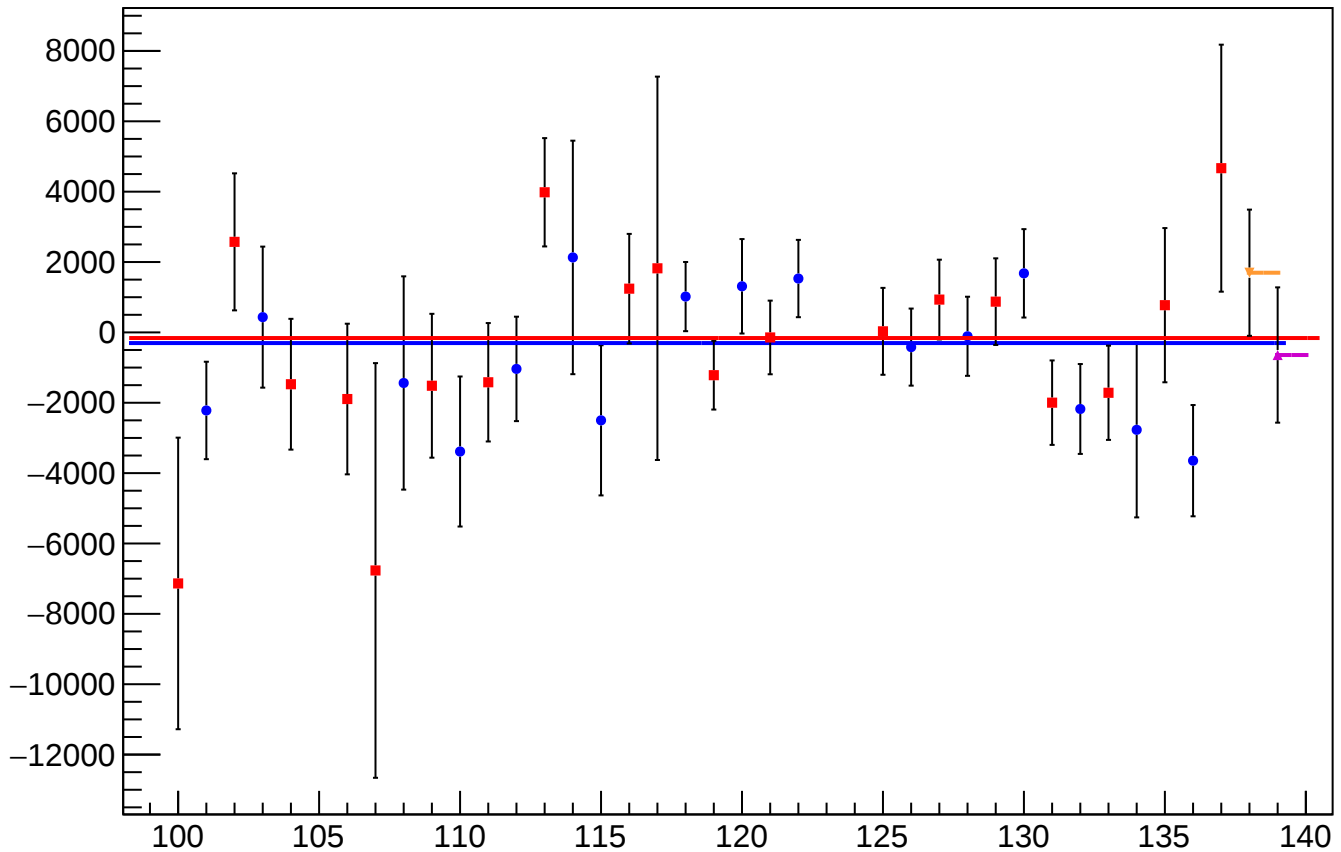
Right Out: 1117.959 $\pm$ 0.298 χ^2 /NDF: 15881.8/18

Left In: 1148.824 $\pm$ 0.953 χ^2 /NDF: 0.0/0

1112.295 $\pm$ 0.290 χ^2 /NDF: 19531.5/16

1120.704 $\pm$ 0.284 χ^2 /NDF: 16836.7/19

asym_usl_correction_mean vs Slug



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

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

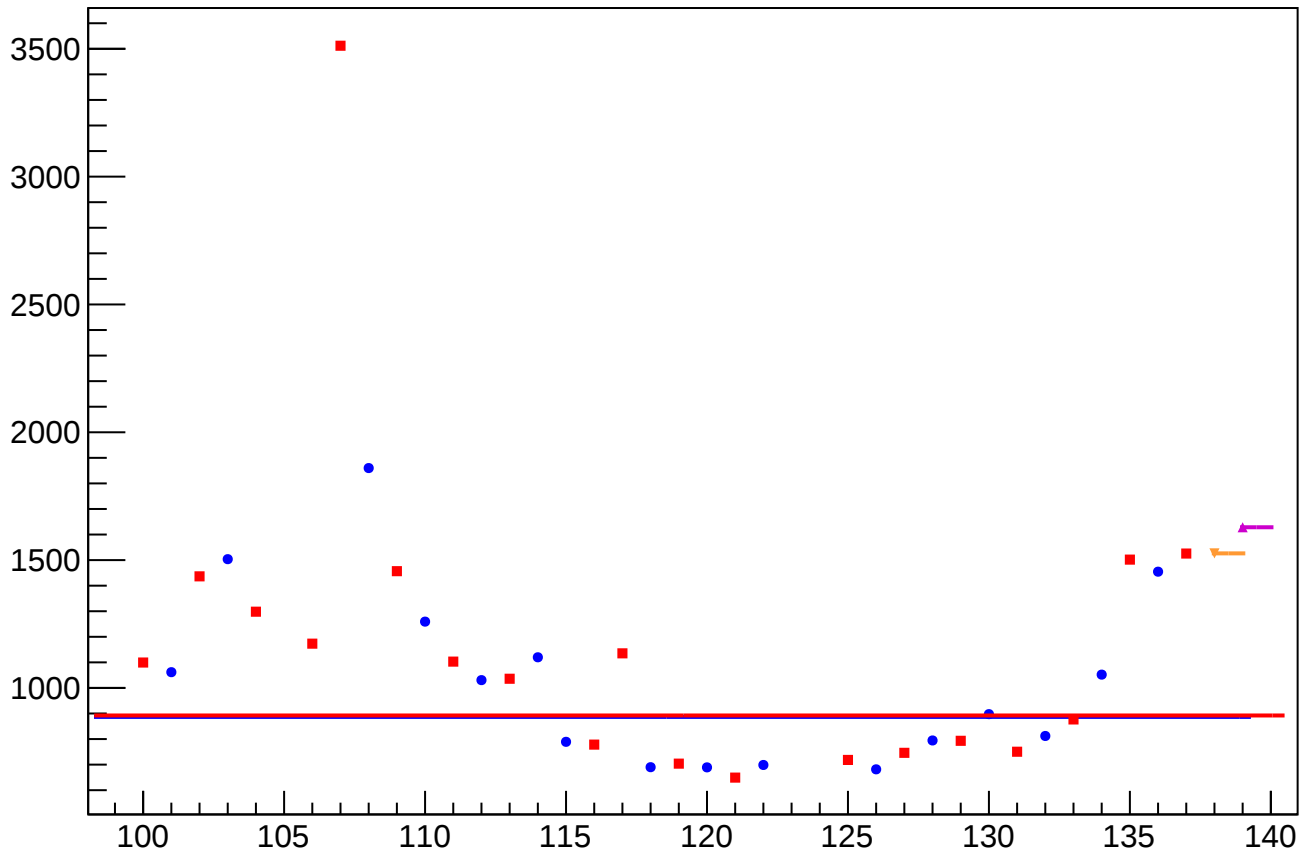
Right Out: -160.376+/-355.478 χ^2/NDF : 25.0/18

Left In: -643.020+/-1922.846 χ^2/NDF : 0.0/0

-225.855+/-353.024 χ^2/NDF : 23.5/16

-176.326+/-349.555 χ^2/NDF : 25.1/19

asym_usl_correction_rms vs Slug



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

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

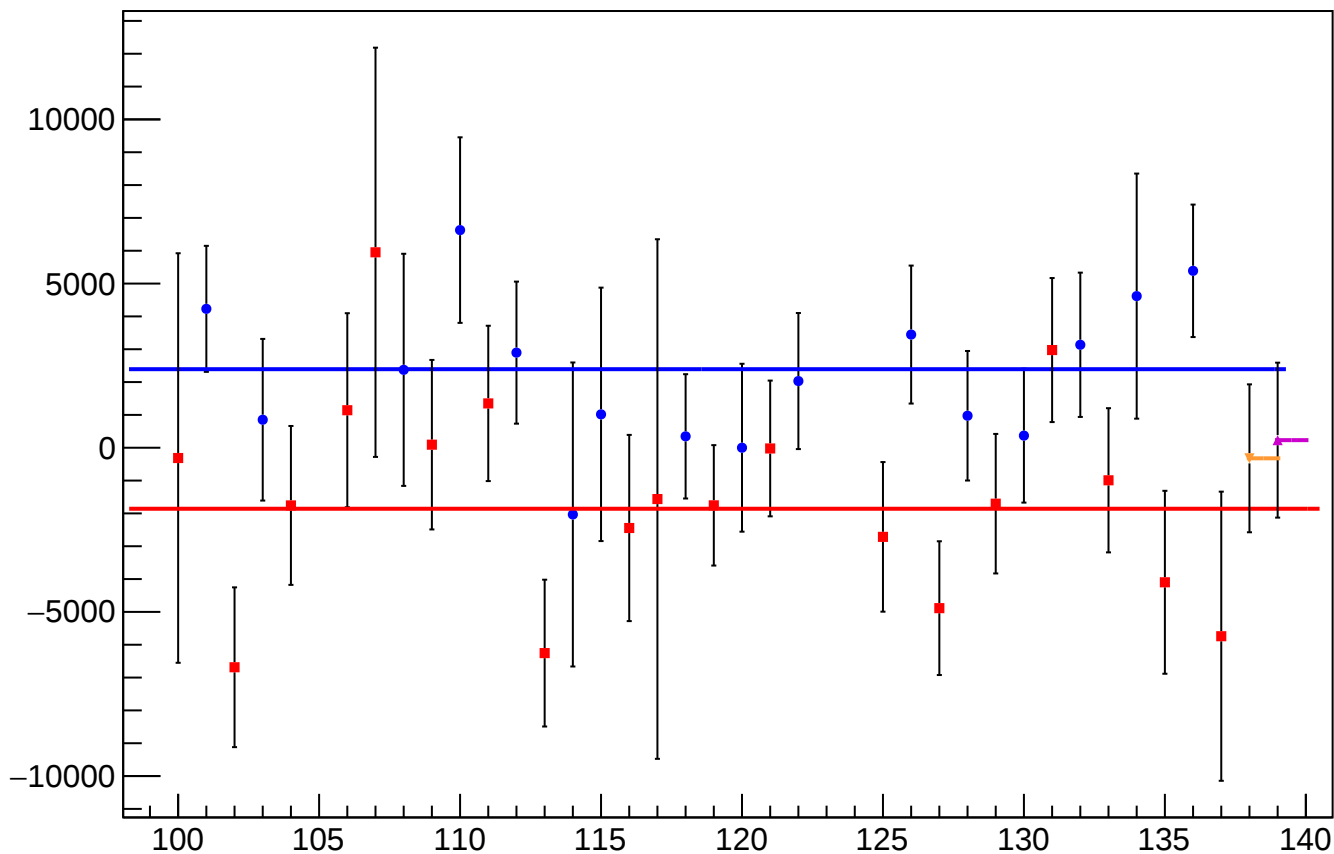
911.474+/-0.250 χ^2/NDF : 1305404.3/16

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

916.567+/-0.247 χ^2/NDF : 1701716.7/19

Left In: 1628.489+/-1.360 χ^2/NDF : 0.0/0

asym_usl_mean vs Slug



Right In: 2392.385+/-588.991 χ^2/NDF : 11.2/15

Left Out: -322.274+/-2252.714 χ^2/NDF : 0.0/0

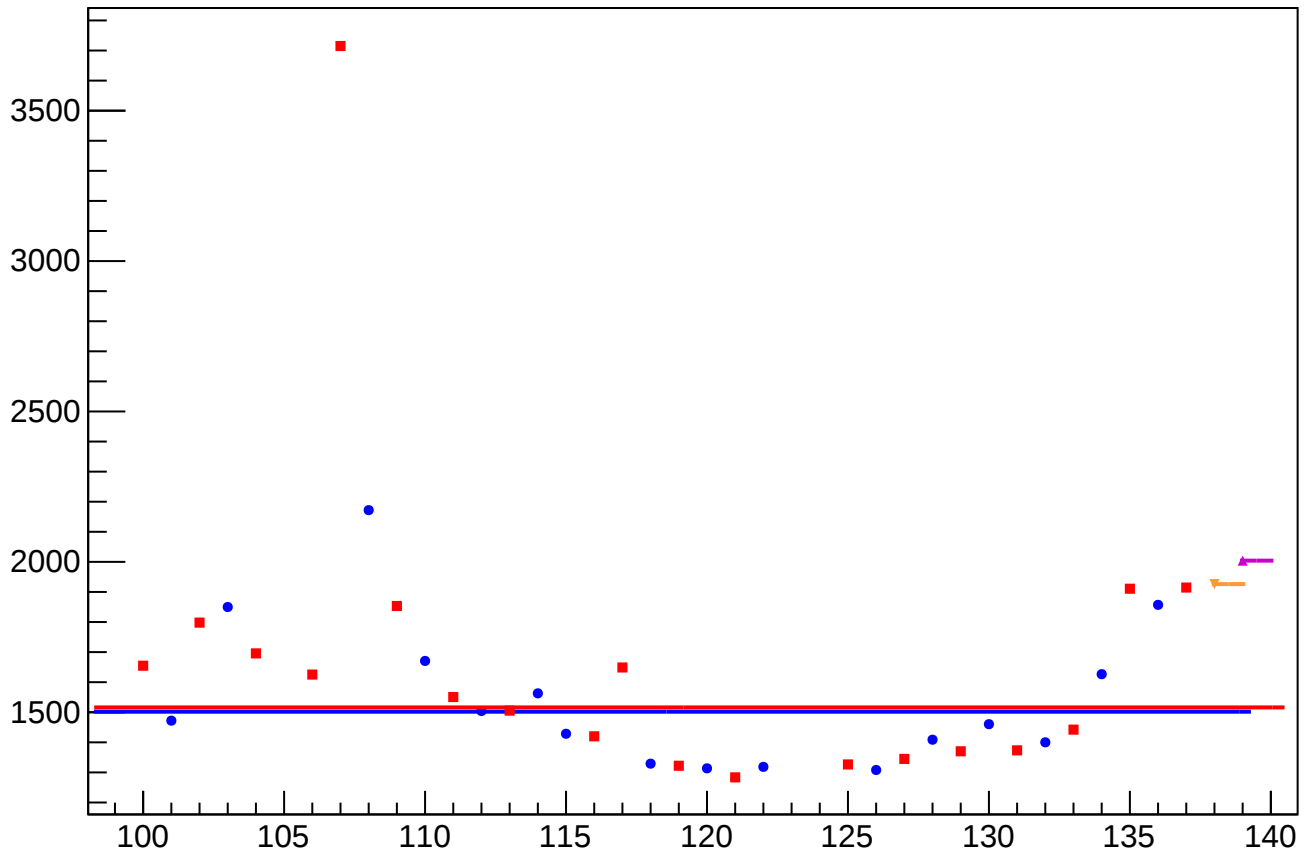
Right Out: -1858.263+/-581.542 χ^2/NDF : 22.5/18

Left In: 231.200+/-2359.596 χ^2/NDF : 0.0/0

2218.684+/-569.836 χ^2/NDF : 12.5/16

-1738.613+/-564.646 χ^2/NDF : 23.2/19

asym_usl_rms vs Slug



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

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

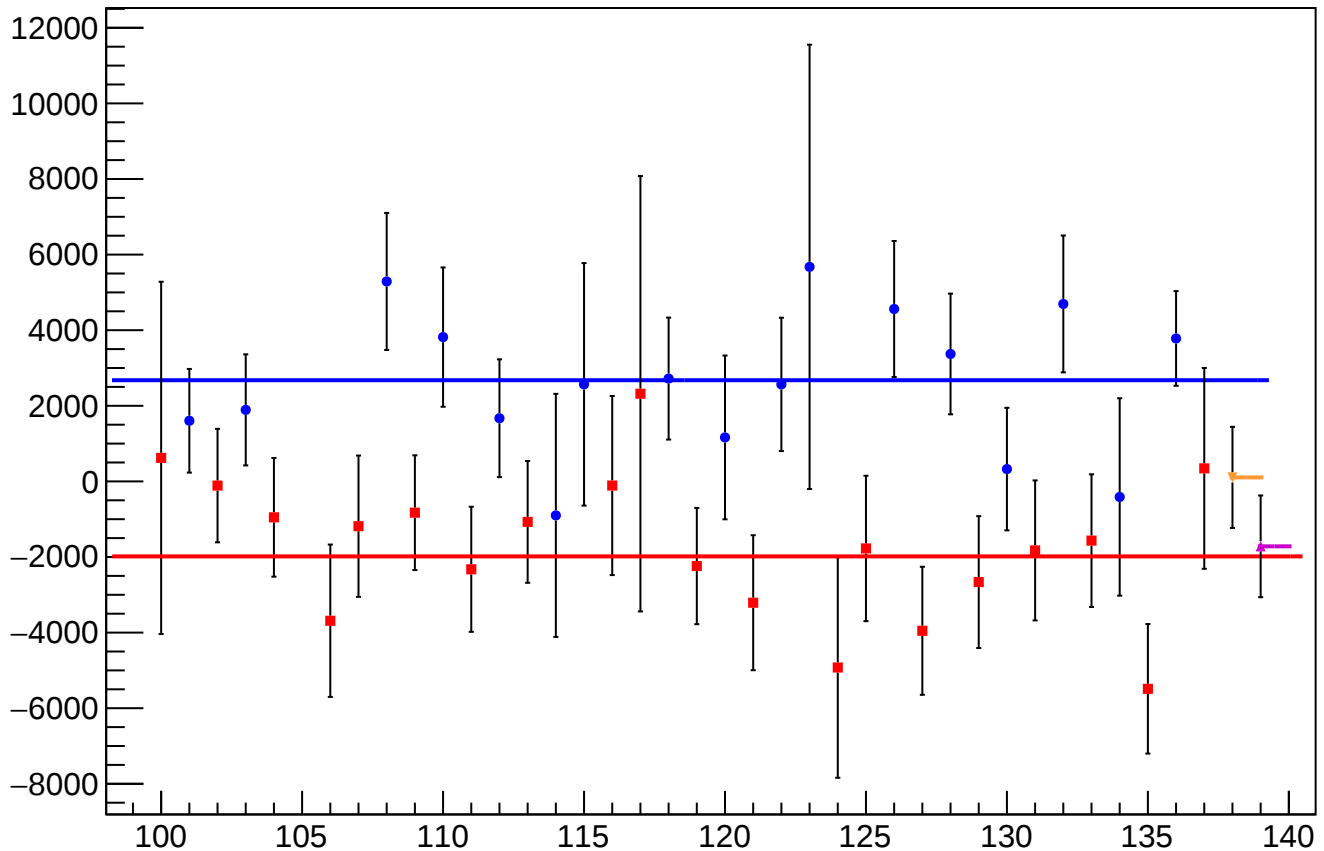
Right Out: 1516.127 $\pm$ 0.411 χ^2 /NDF: 480325.9/18

Left In: 2004.094 $\pm$ 1.668 χ^2 /NDF: 0.0/0

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

1544.069 $\pm$ 0.399 χ^2 /NDF: 560961.5/19

reg_asym_usr_mean vs Slug



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

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

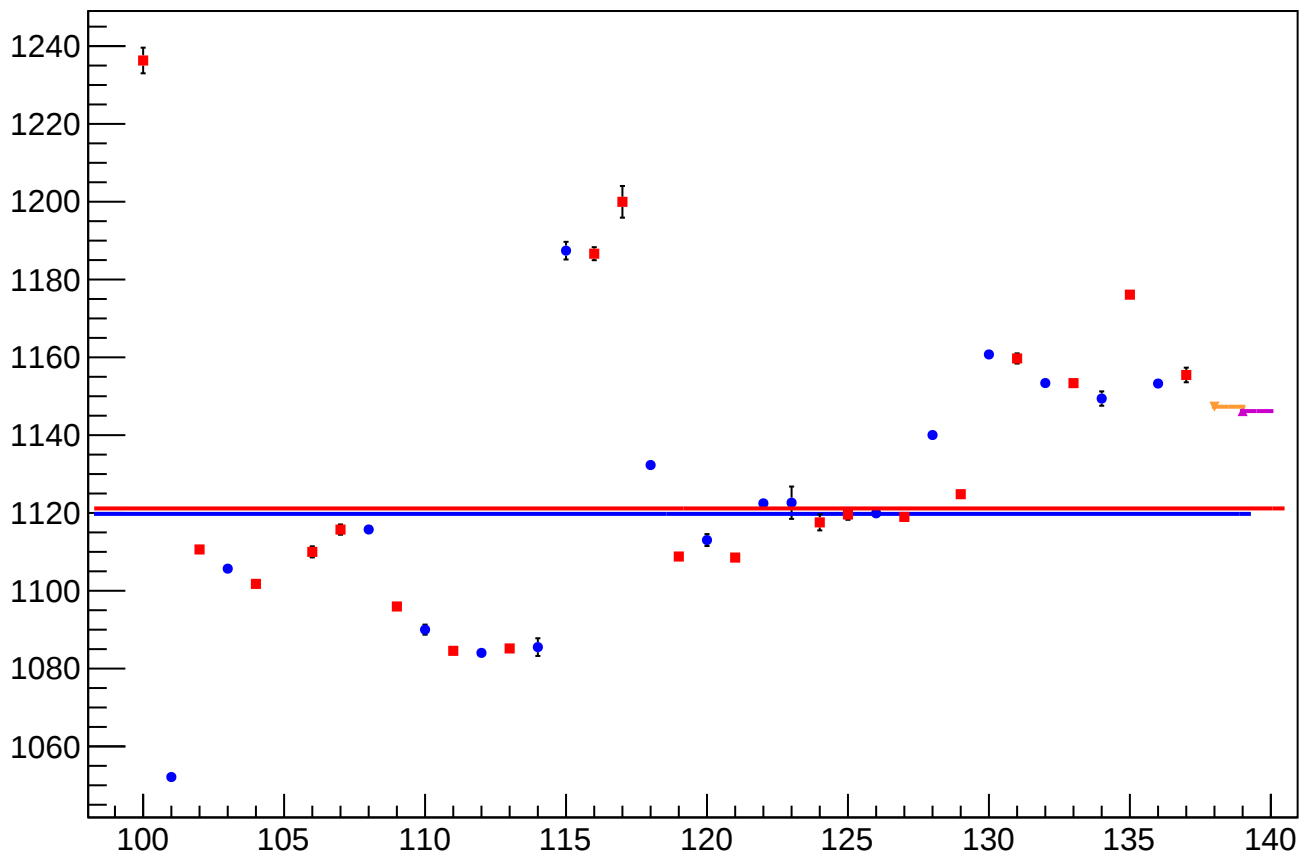
Right Out: -1983.779+/-418.059 χ^2/NDF : 13.4/19

Left In: -1717.821+/-1345.190 χ^2/NDF : 0.0/0

2432.309+/-412.459 χ^2/NDF : 15.9/17

-1960.354+/-399.223 χ^2/NDF : 13.4/20

reg_asym_usr_rms vs Slug



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

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

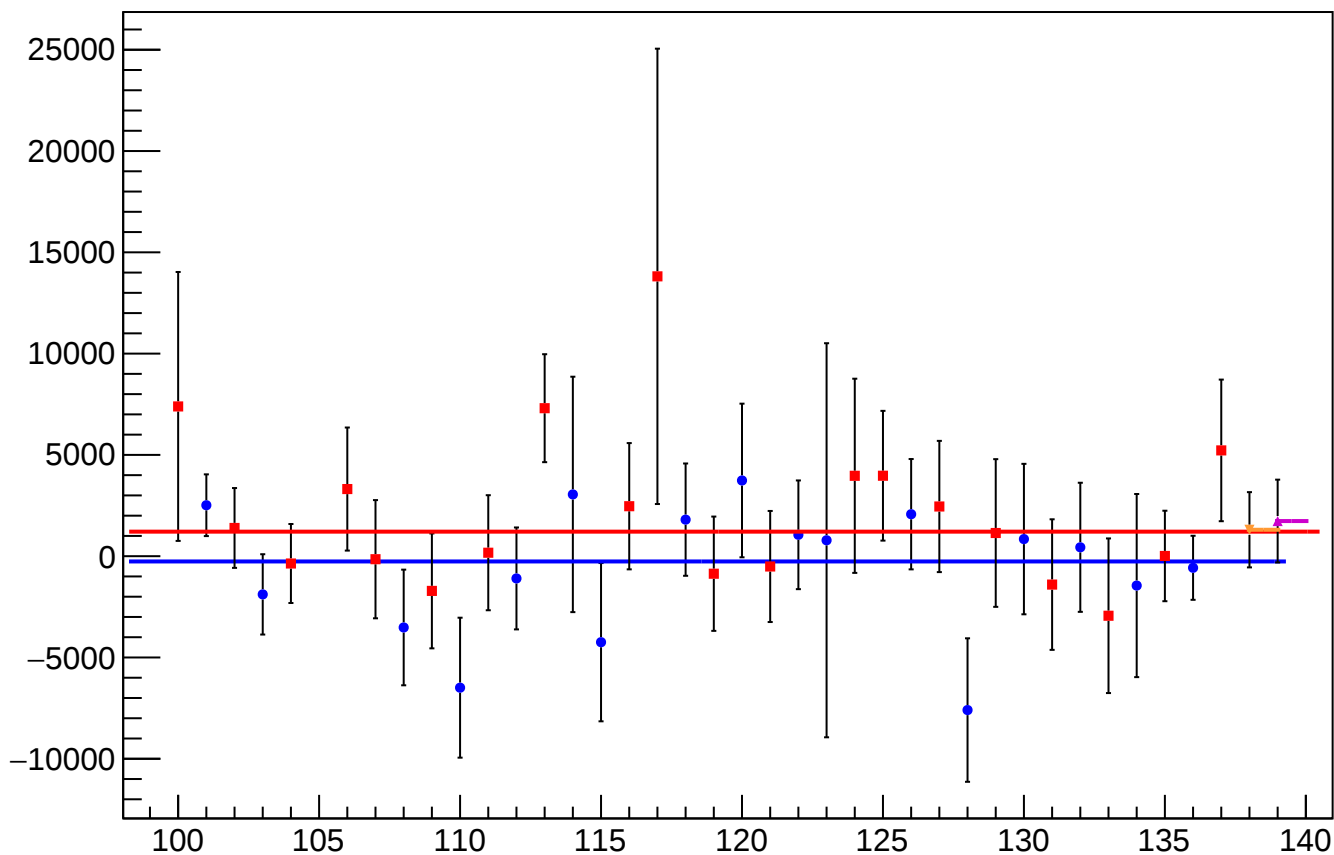
Right Out: 1121.164+/-0.296 χ^2/NDF : 10310.8/19

Left In: 1146.188+/-0.951 χ^2/NDF : 0.0/0

1122.381+/-0.292 χ^2/NDF : 12644.2/17

1123.368+/-0.282 χ^2/NDF : 10941.9/20

asym_usr_correction_mean vs Slug



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

Left Out: 1304.158+/-1857.393 χ^2/NDF : 0.0/0

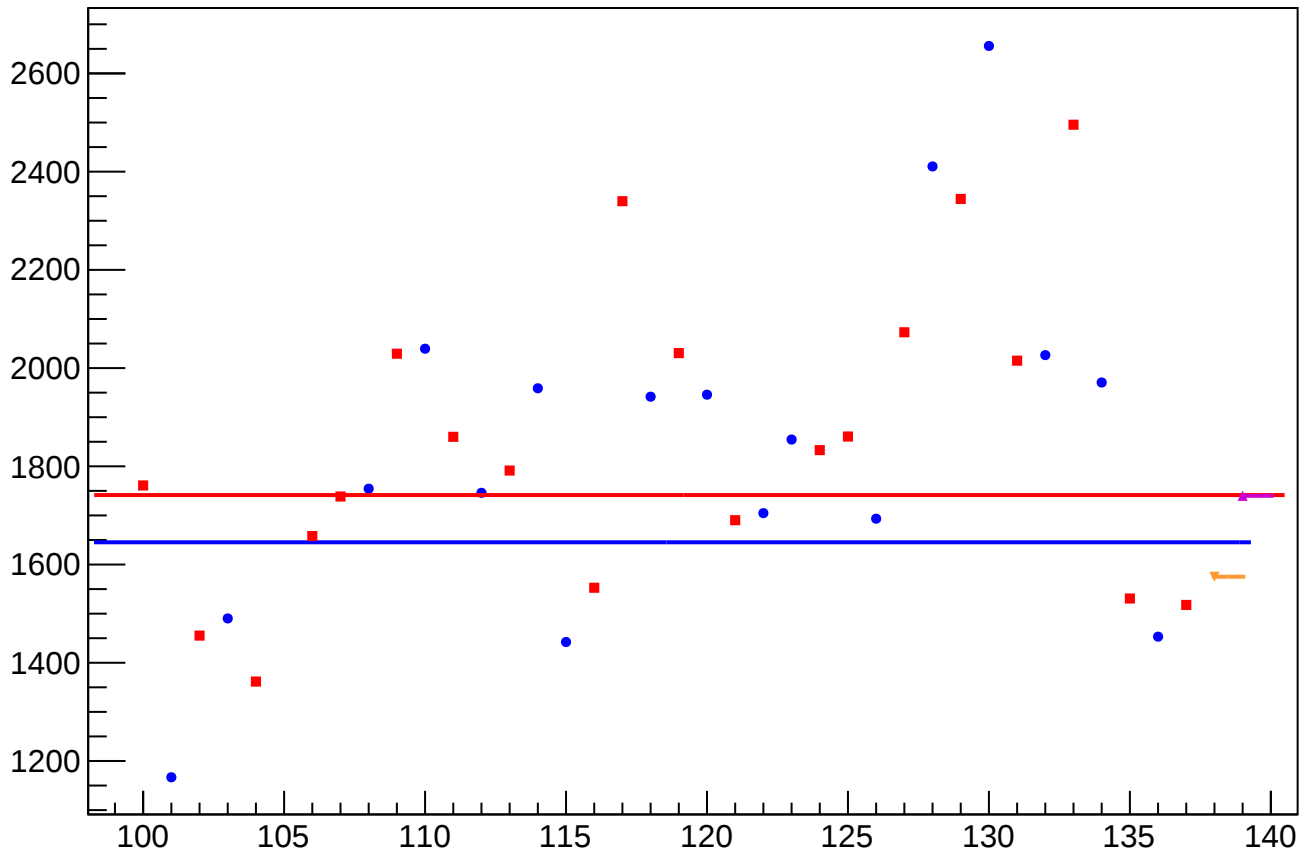
Right Out: 1211.378+/-661.281 χ^2/NDF : 15.7/19

Left In: 1734.184+/-2043.854 χ^2/NDF : 0.0/0

-86.709+/-617.947 χ^2/NDF : 17.8/17

1260.920+/-629.169 χ^2/NDF : 15.7/20

asym_usr_correction_rms vs Slug



Right In: 1645.307 $\pm$ 0.463 χ^2 /NDF: 600915.2/16

Left Out: 1575.201 $\pm$ 1.313 χ^2 /NDF: 0.0/0

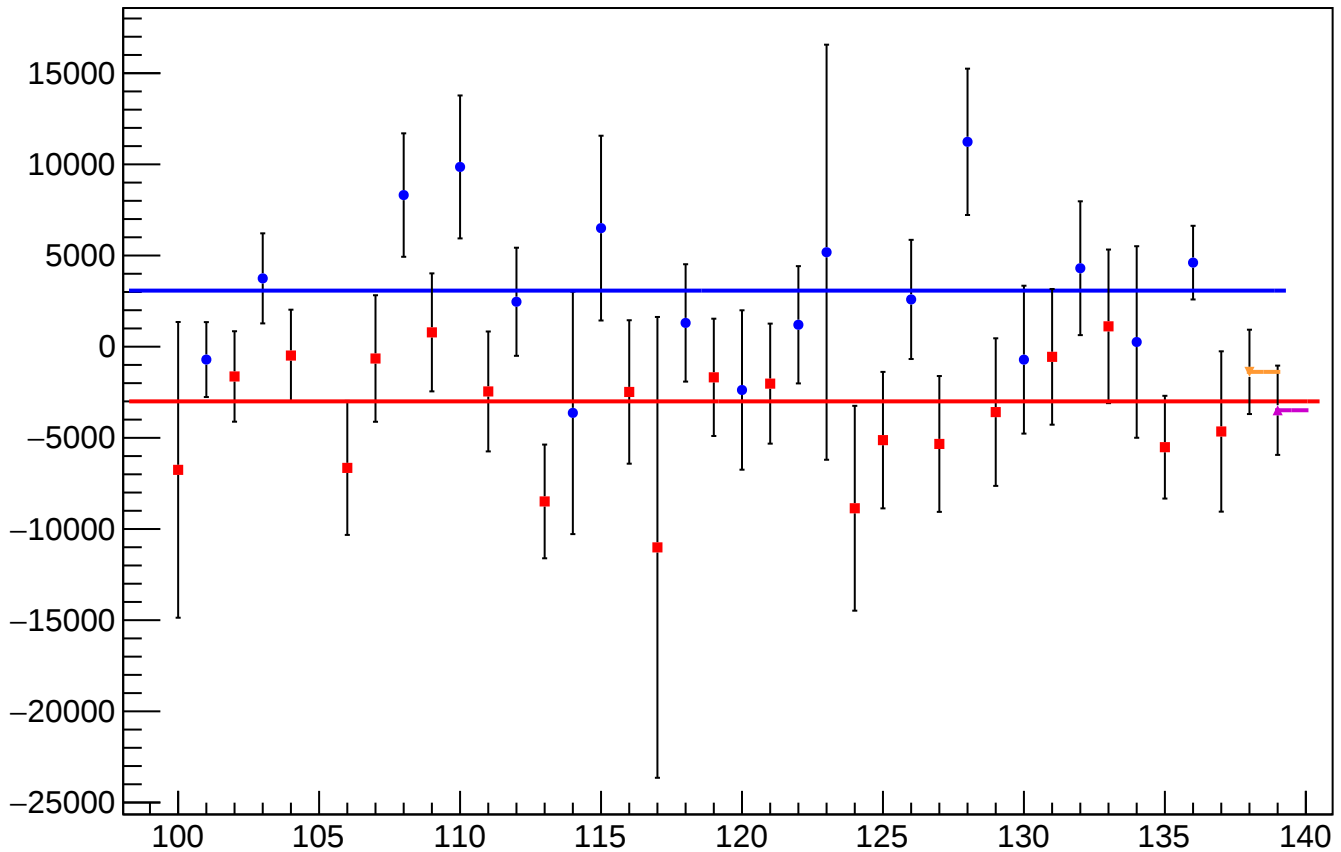
Right Out: 1741.460 $\pm$ 0.468 χ^2 /NDF: 376702.2/19

Left In: 1739.985 $\pm$ 1.445 χ^2 /NDF: 0.0/0

1637.547 $\pm$ 0.437 χ^2 /NDF: 603449.1/17

1741.321 $\pm$ 0.445 χ^2 /NDF: 376703.1/20

asym_usr_mean vs Slug



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

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

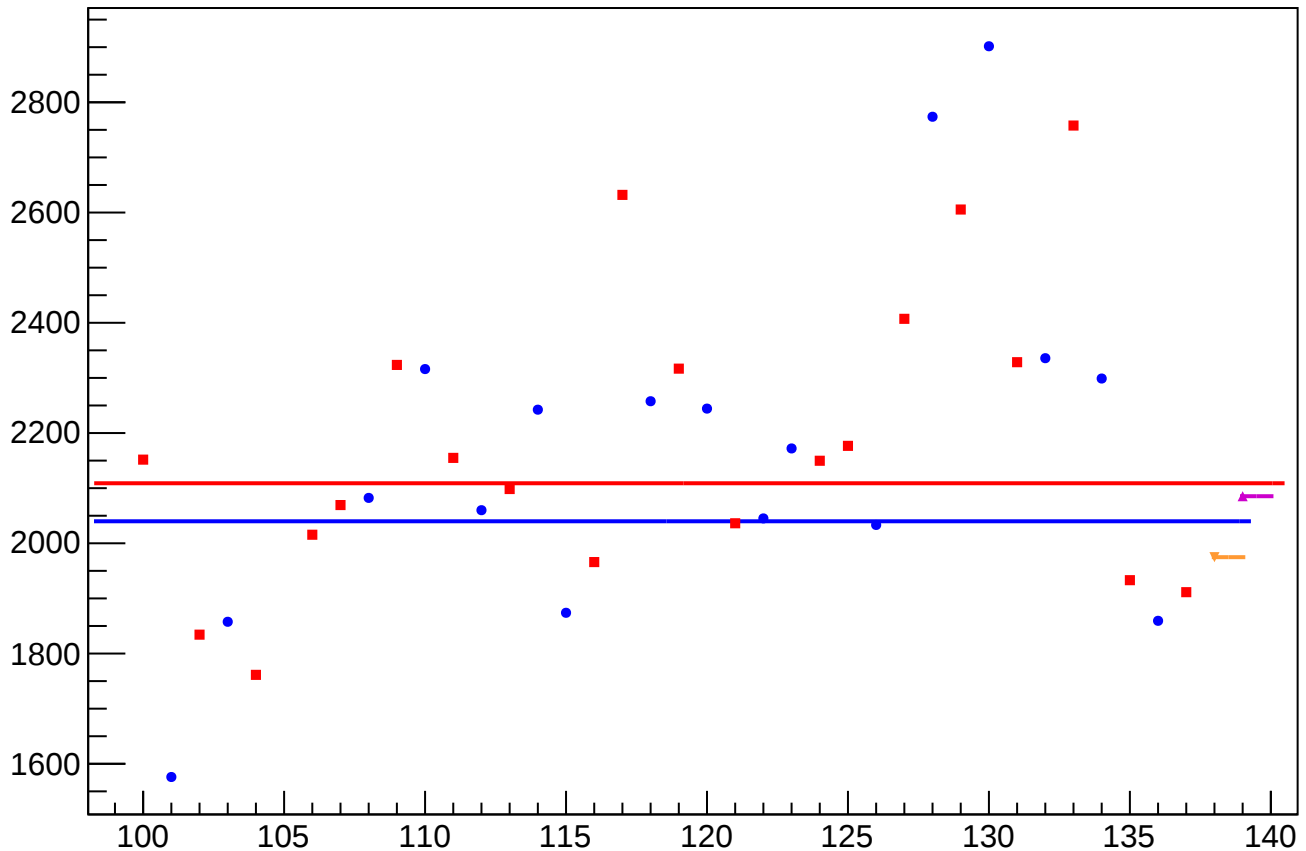
Right Out: -2999.277 $\pm$ 794.066 χ^2 /NDF: 12.3/19

Left In: -3486.359 $\pm$ 2448.561 χ^2 /NDF: 0.0/0

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

-3045.629 $\pm$ 755.340 χ^2 /NDF: 12.3/20

asym_usr_rms vs Slug



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

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

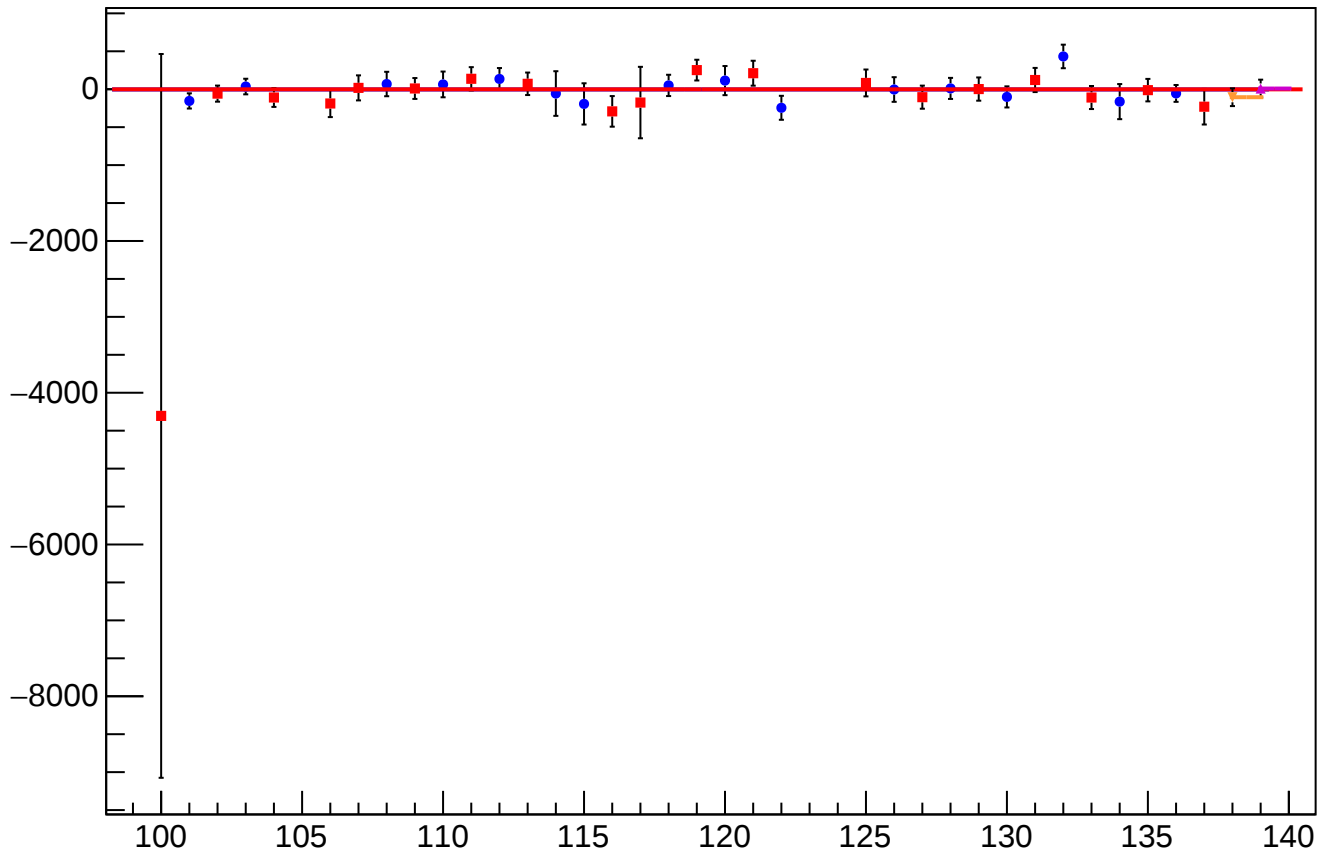
Right Out: 2108.906 ± 0.561 χ^2/NDF : 198889.3/19

Left In: 2085.402 ± 1.731 χ^2/NDF : 0.0/0

2032.949 ± 0.536 χ^2/NDF : 333399.3/17

2106.669 ± 0.534 χ^2/NDF : 199056.0/20

reg_asym_dsl_mean vs Slug



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

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

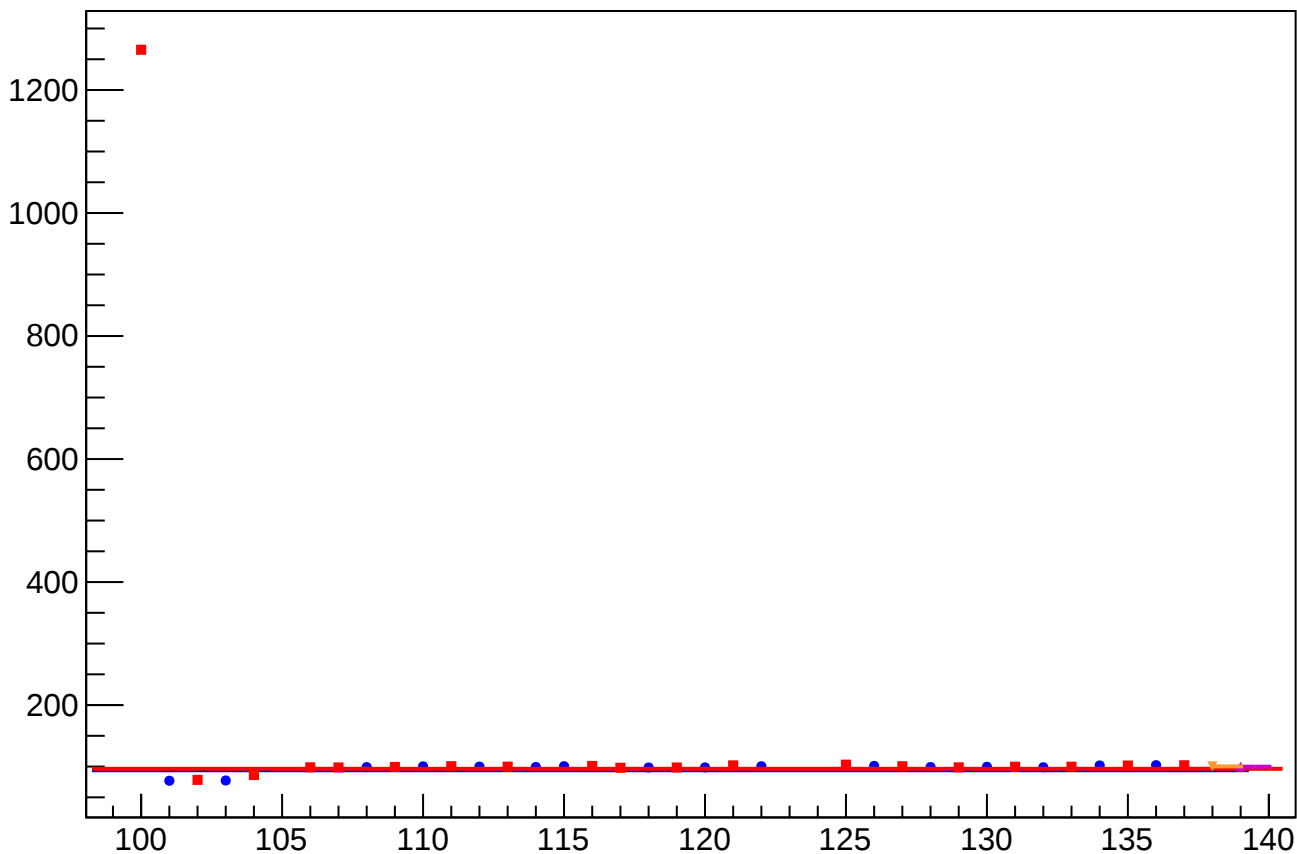
Right Out: -1.545+/-36.588 χ^2/NDF : 14.1/18

Left In: 8.847+/-117.164 χ^2/NDF : 0.0/0

-12.433+/-35.029 χ^2/NDF : 16.8/16

-0.622+/-34.924 χ^2/NDF : 14.1/19

reg_asym_dsl_rms vs Slug



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

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

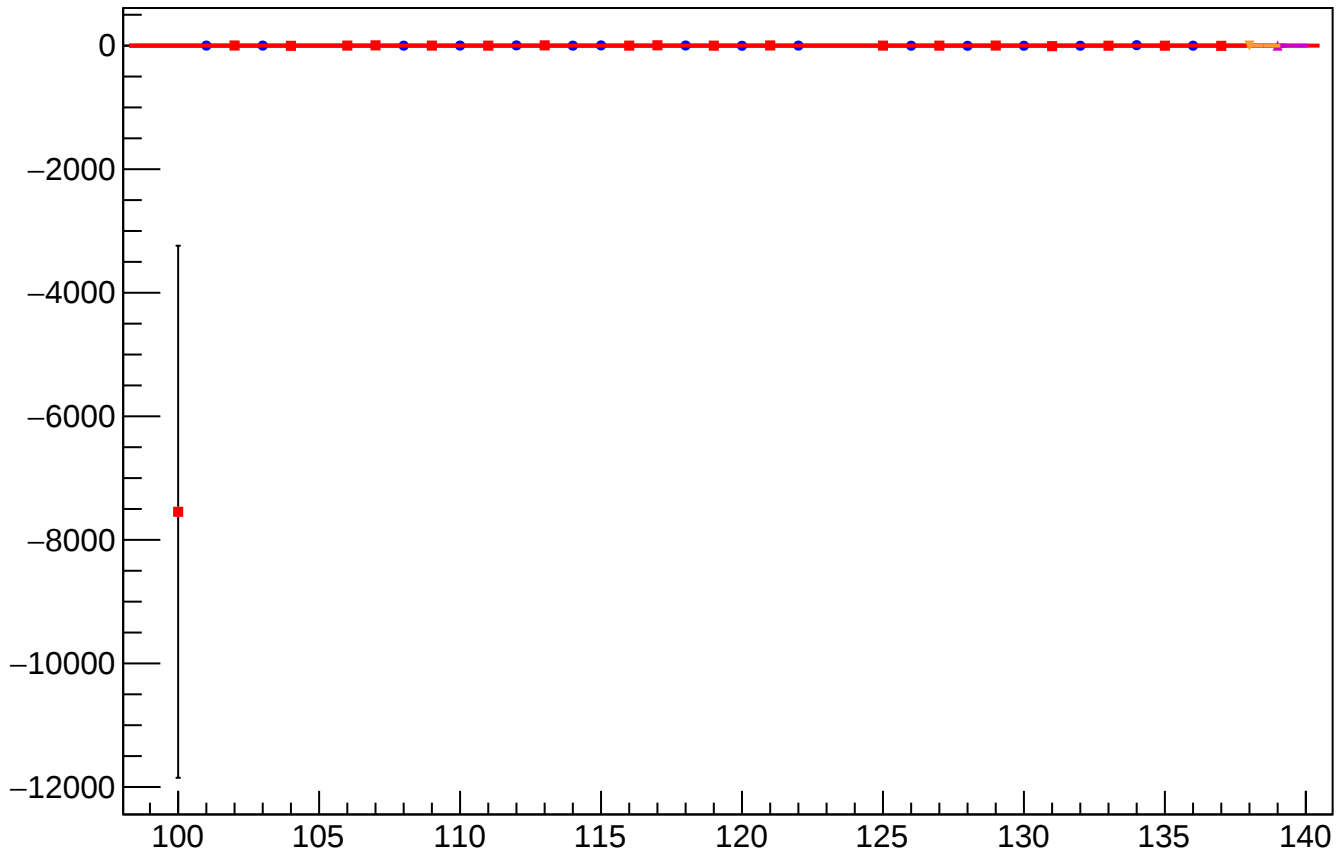
Right Out: 96.383+/-0.026 χ^2/NDF : 209255.3/18

Left In: 99.830+/-0.083 χ^2/NDF : 0.0/0

94.628+/-0.025 χ^2/NDF : 157474.8/16

96.689+/-0.025 χ^2/NDF : 210832.5/19

asym_dsl_correction_mean vs Slug



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

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

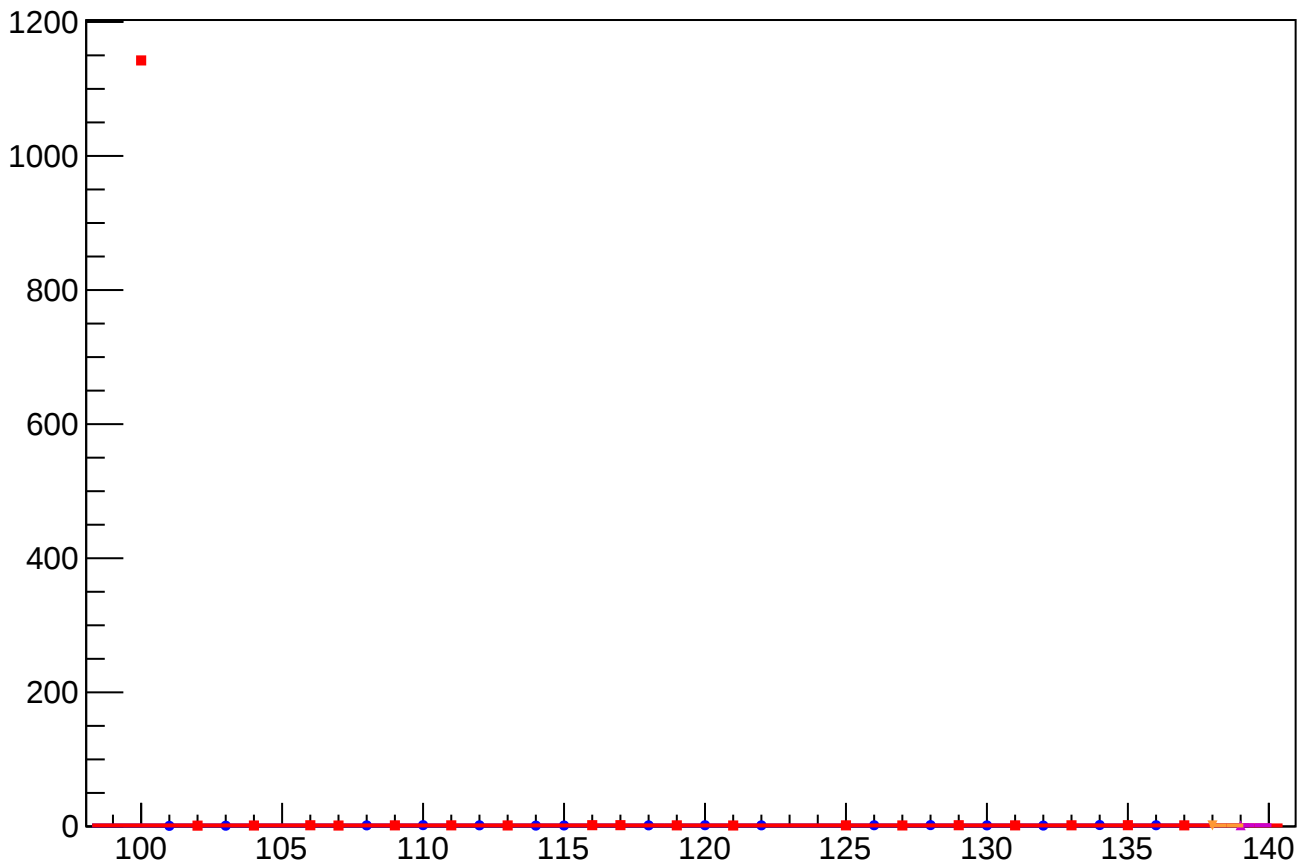
Right Out: 0.336+/-0.641 χ^2/NDF : 23.1/18

Left In: 0.521+/-2.270 χ^2/NDF : 0.0/0

0.489+/-0.588 χ^2/NDF : 9.8/16

0.350+/-0.617 χ^2/NDF : 23.1/19

asym_dsl_correction_rms vs Slug



Right In: 1.420 $\pm$ 0.000 χ^2 /NDF: 730935.2/15

Left Out: 1.541 $\pm$ 0.001 χ^2 /NDF: 0.0/0

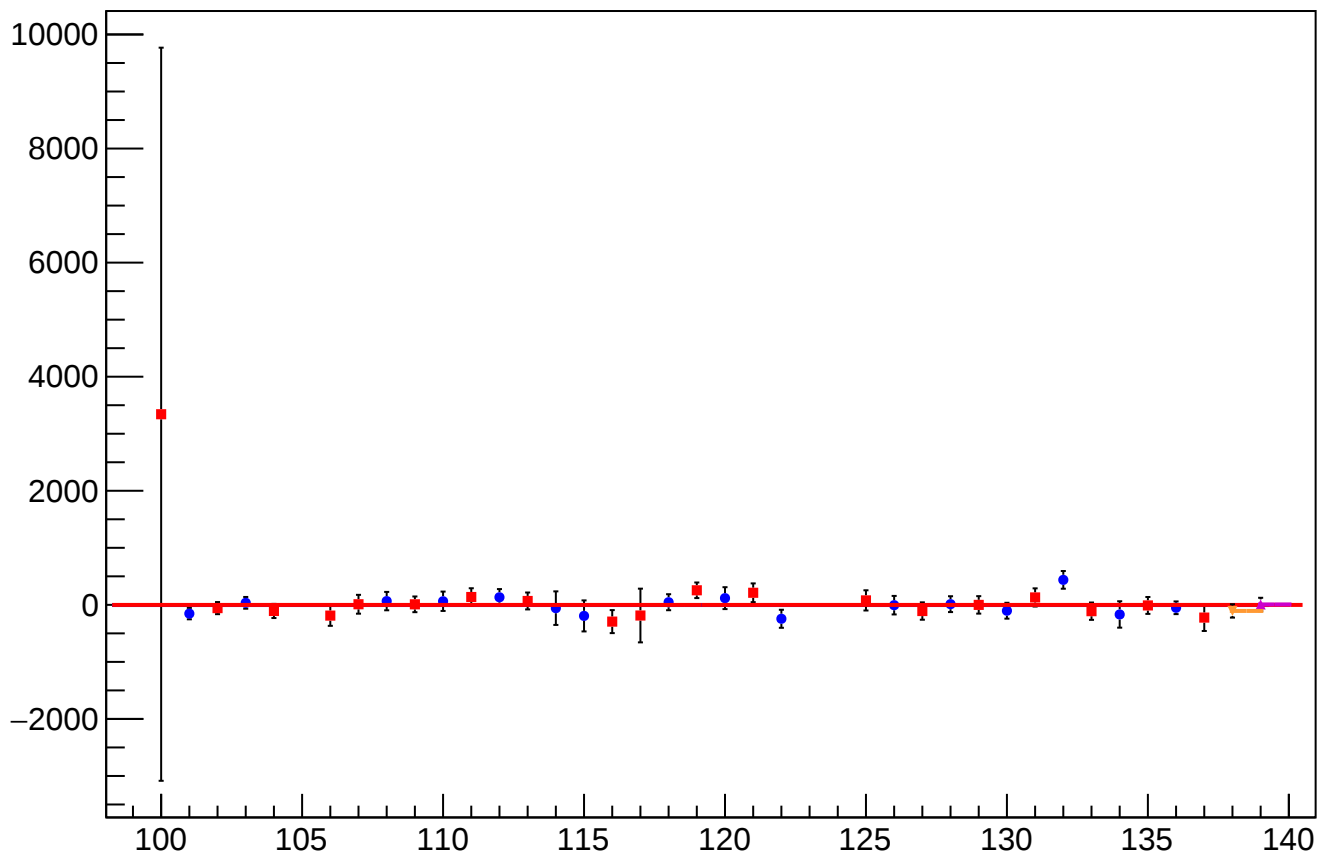
Right Out: 1.557 $\pm$ 0.000 χ^2 /NDF: 318750.9/18

Left In: 1.848 $\pm$ 0.002 χ^2 /NDF: 0.0/0

1.430 $\pm$ 0.000 χ^2 /NDF: 737851.7/16

1.579 $\pm$ 0.000 χ^2 /NDF: 349056.4/19

asym_dsl_mean vs Slug



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

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

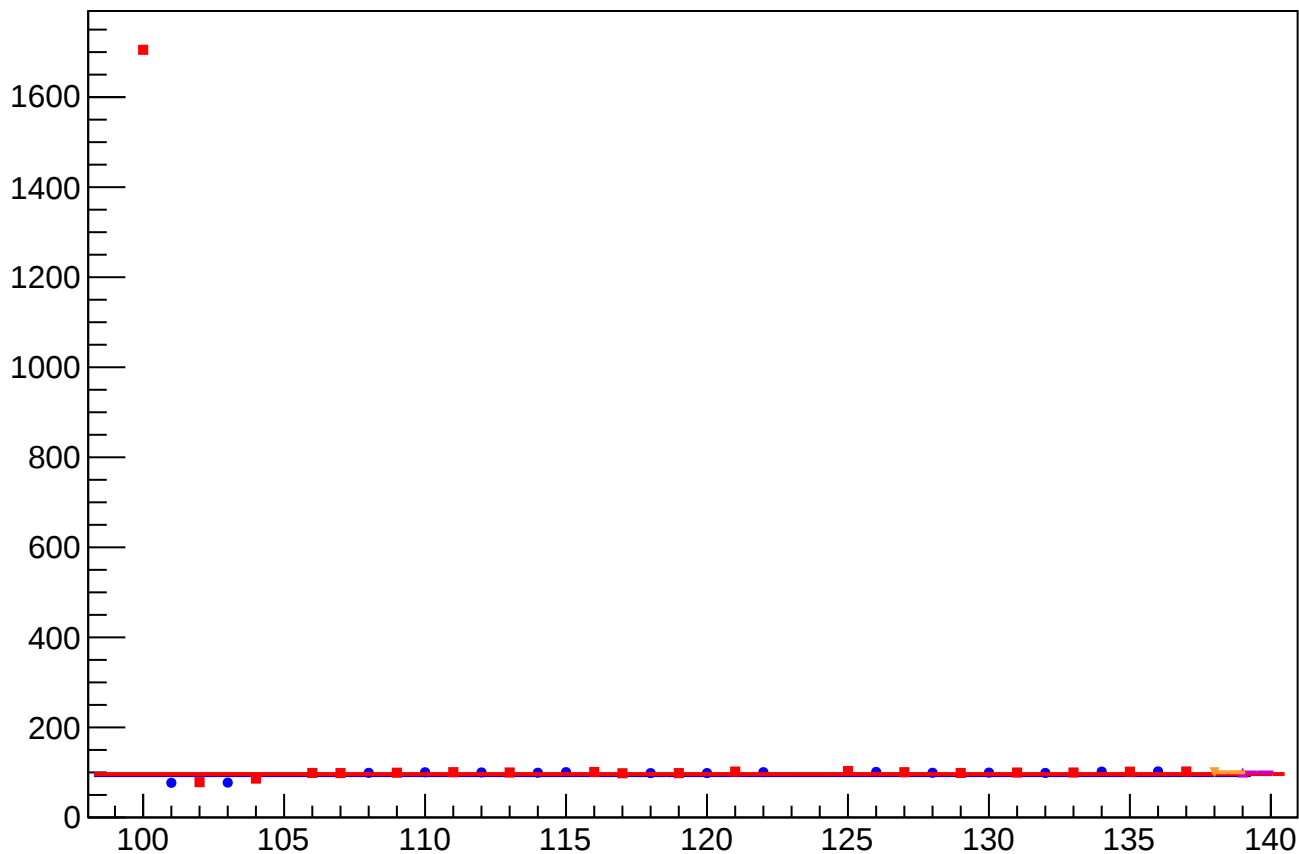
Right Out: -1.300+/-36.598 χ^2/NDF : 13.7/18

Left In: 6.698+/-117.196 χ^2/NDF : 0.0/0

-12.382+/-35.038 χ^2/NDF : 17.0/16

-0.590+/-34.934 χ^2/NDF : 13.7/19

asym_dsl_rms vs Slug



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

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

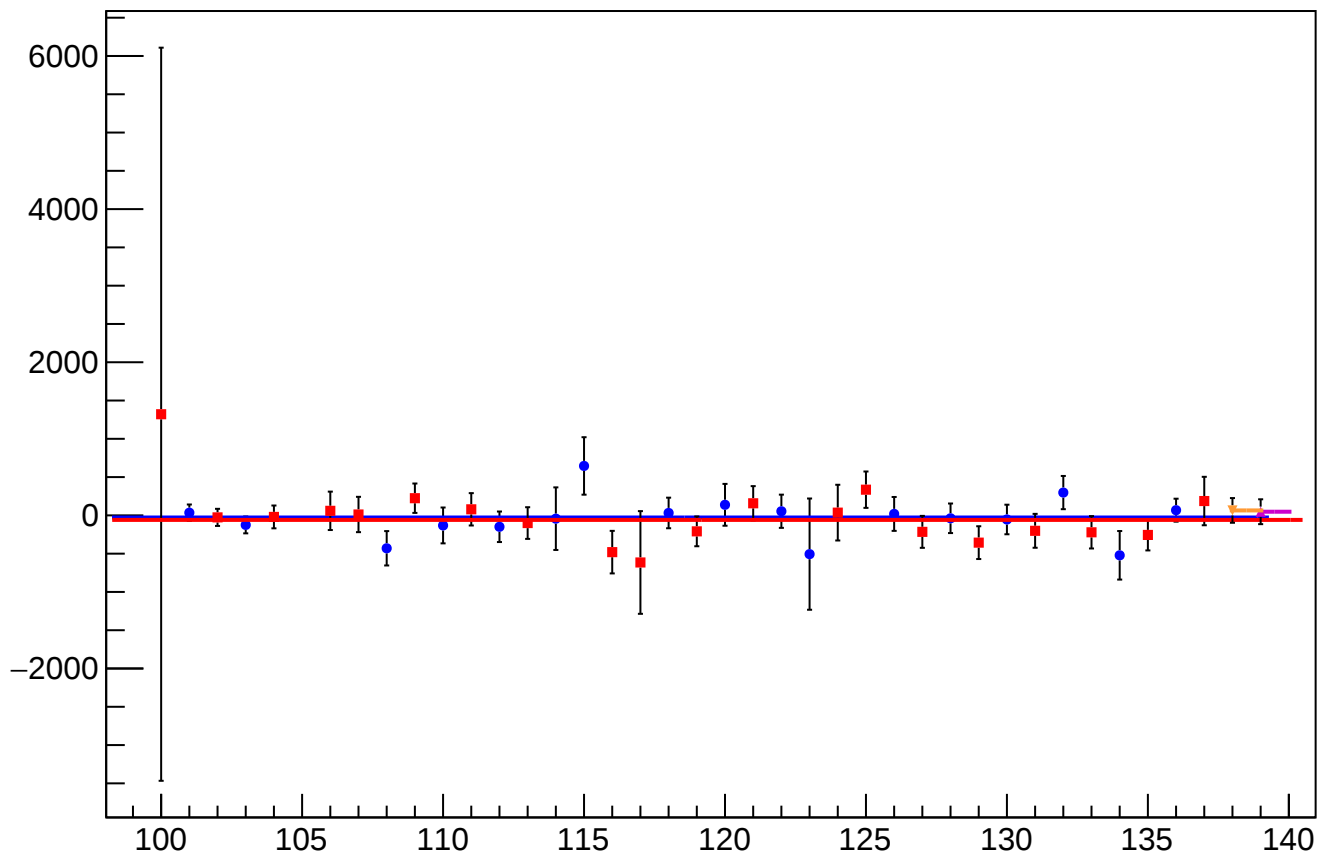
Right Out: 96.391+/-0.026 χ^2/NDF : 214389.8/18

Left In: 99.857+/-0.083 χ^2/NDF : 0.0/0

94.653+/-0.025 χ^2/NDF : 157495.1/16

96.699+/-0.025 χ^2/NDF : 215983.2/19

reg_asym_dsr_mean vs Slug



Right In: -27.840 ± 46.777 $\chi^2/\text{NDF}: 14.3/16$

Left Out: 64.721 ± 161.200 $\chi^2/\text{NDF}: 0.0/0$

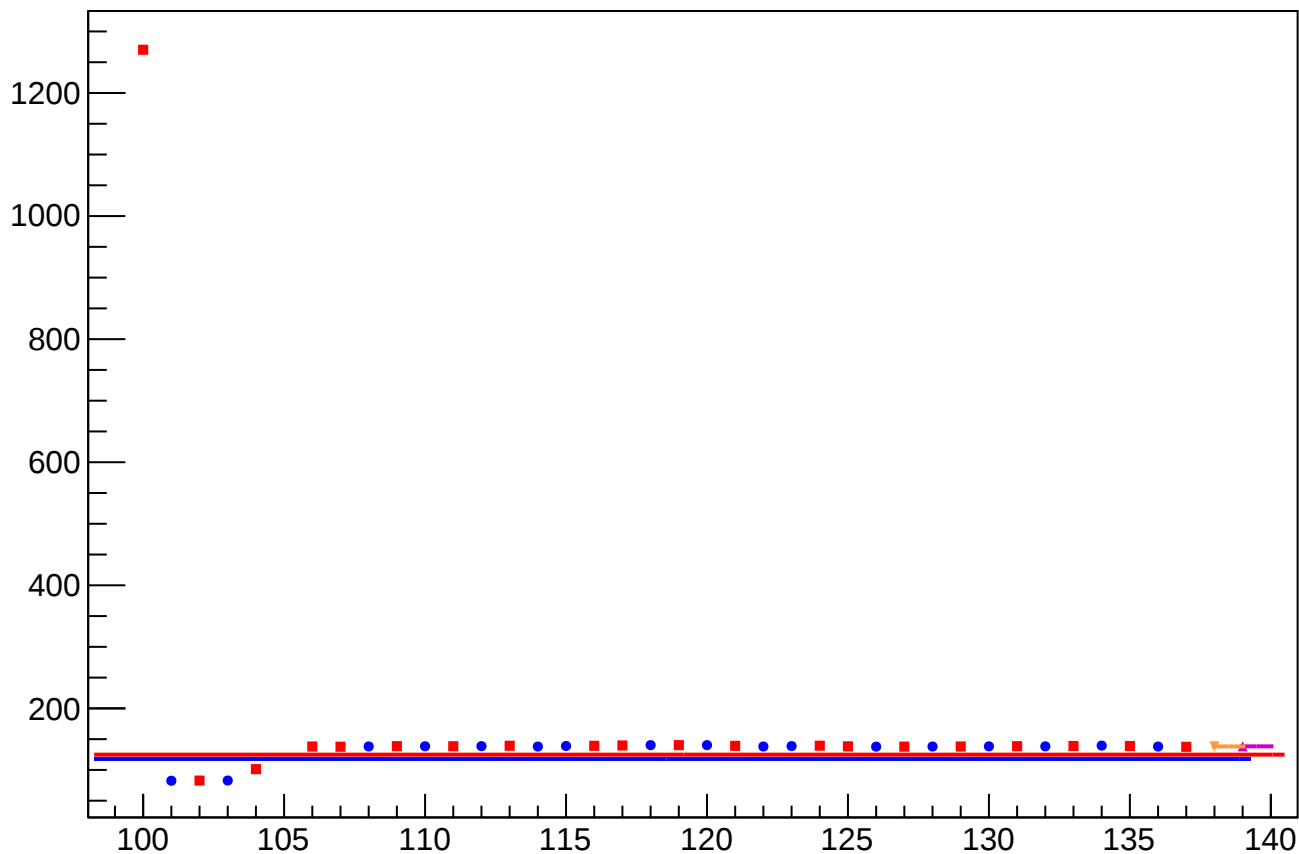
Right Out: -59.211 ± 47.588 $\chi^2/\text{NDF}: 15.6/19$

Left In: 47.719 ± 162.340 $\chi^2/\text{NDF}: 0.0/0$

-20.651 ± 44.924 $\chi^2/\text{NDF}: 14.6/17$

-50.750 ± 45.666 $\chi^2/\text{NDF}: 16.0/20$

reg_asym_dsr_rms vs Slug



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

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

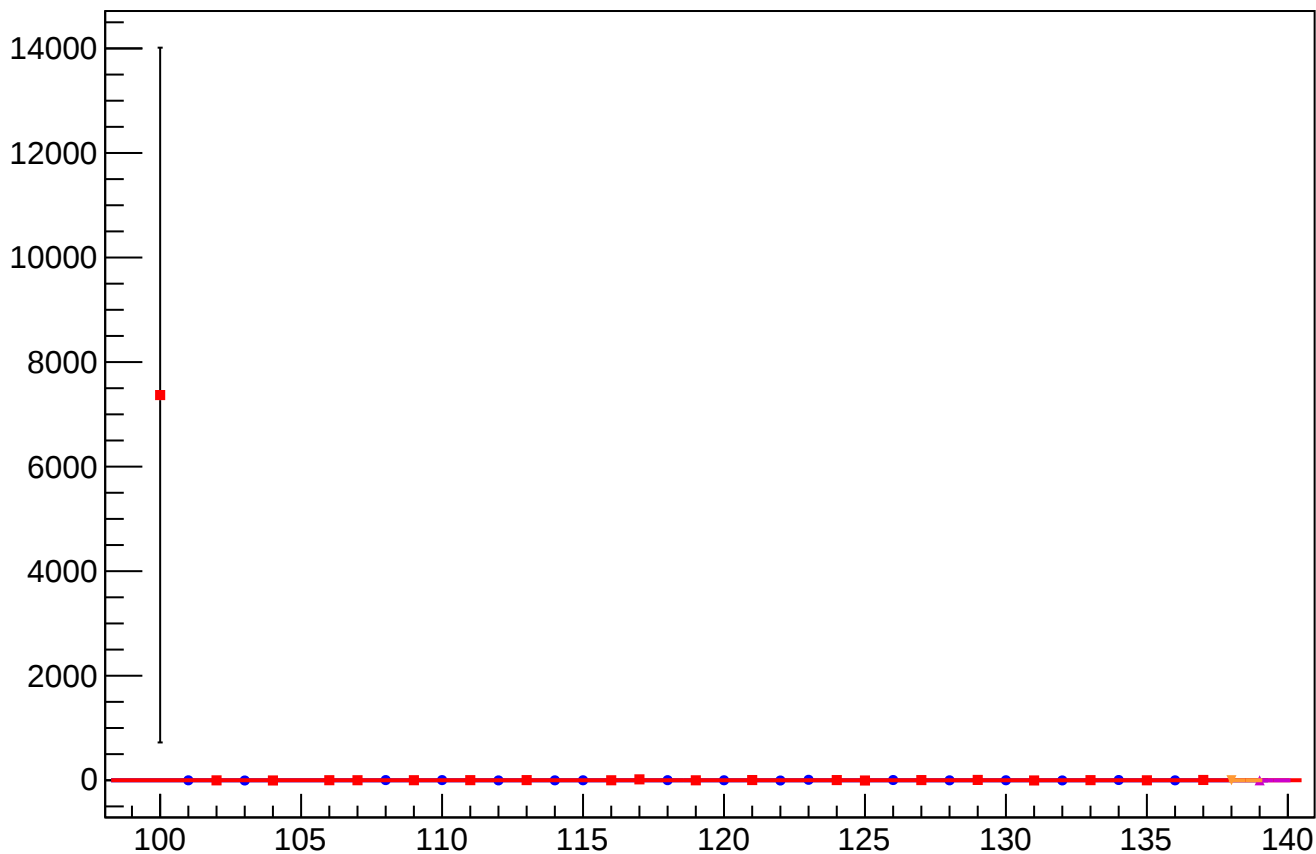
Right Out: 124.839 $\pm$ 0.034 χ^2 /NDF: 570766.0/19

Left In: 138.320 $\pm$ 0.115 χ^2 /NDF: 0.0/0

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

125.906 $\pm$ 0.032 χ^2 /NDF: 583466.7/20

asym_dsr_correction_mean vs Slug



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

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

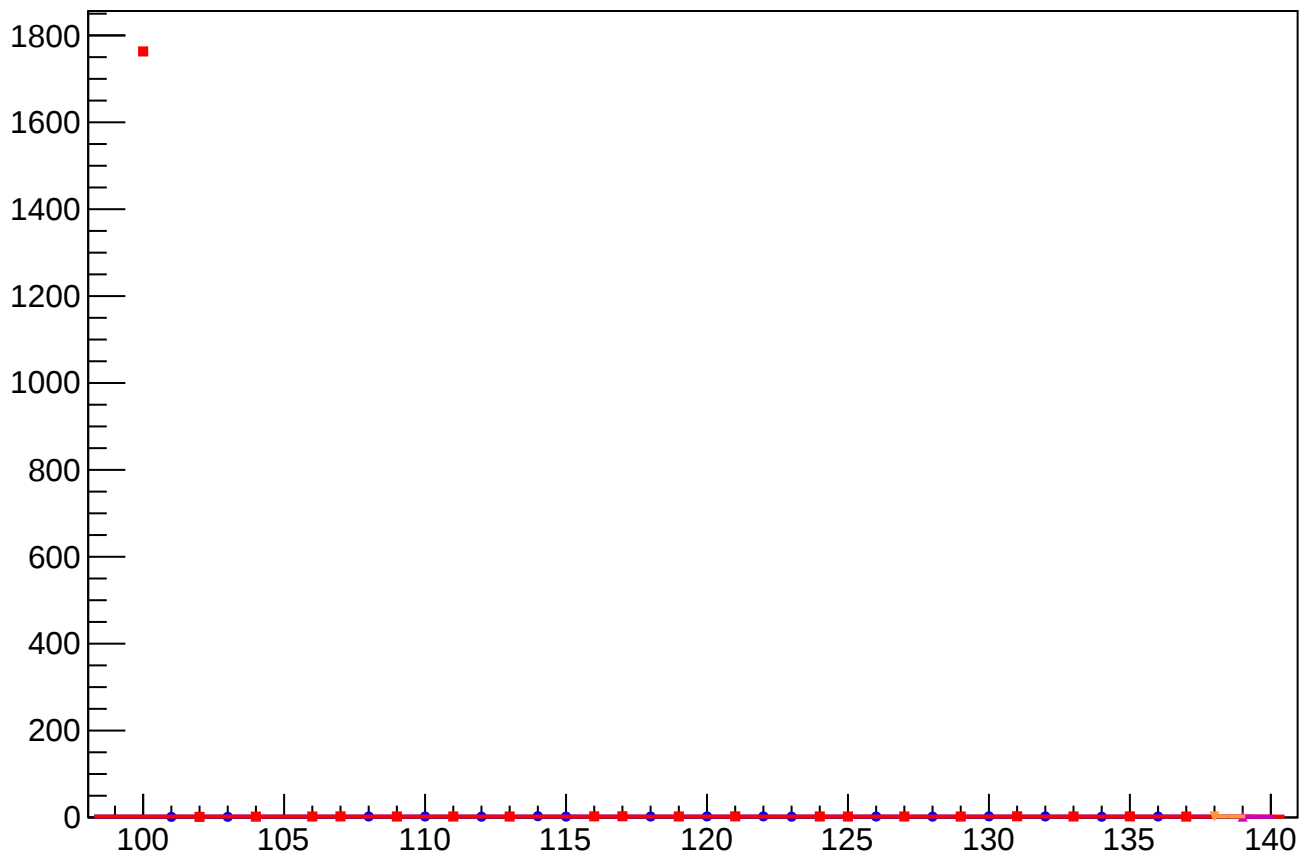
Right Out: 0.719 ± 0.849 χ^2/NDF : 15.3/19

Left In: -0.682 ± 2.704 χ^2/NDF : 0.0/0

-0.594 ± 0.781 χ^2/NDF : 12.9/17

0.593 ± 0.810 χ^2/NDF : 15.5/20

asym_dsr_correction_rms vs Slug



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

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

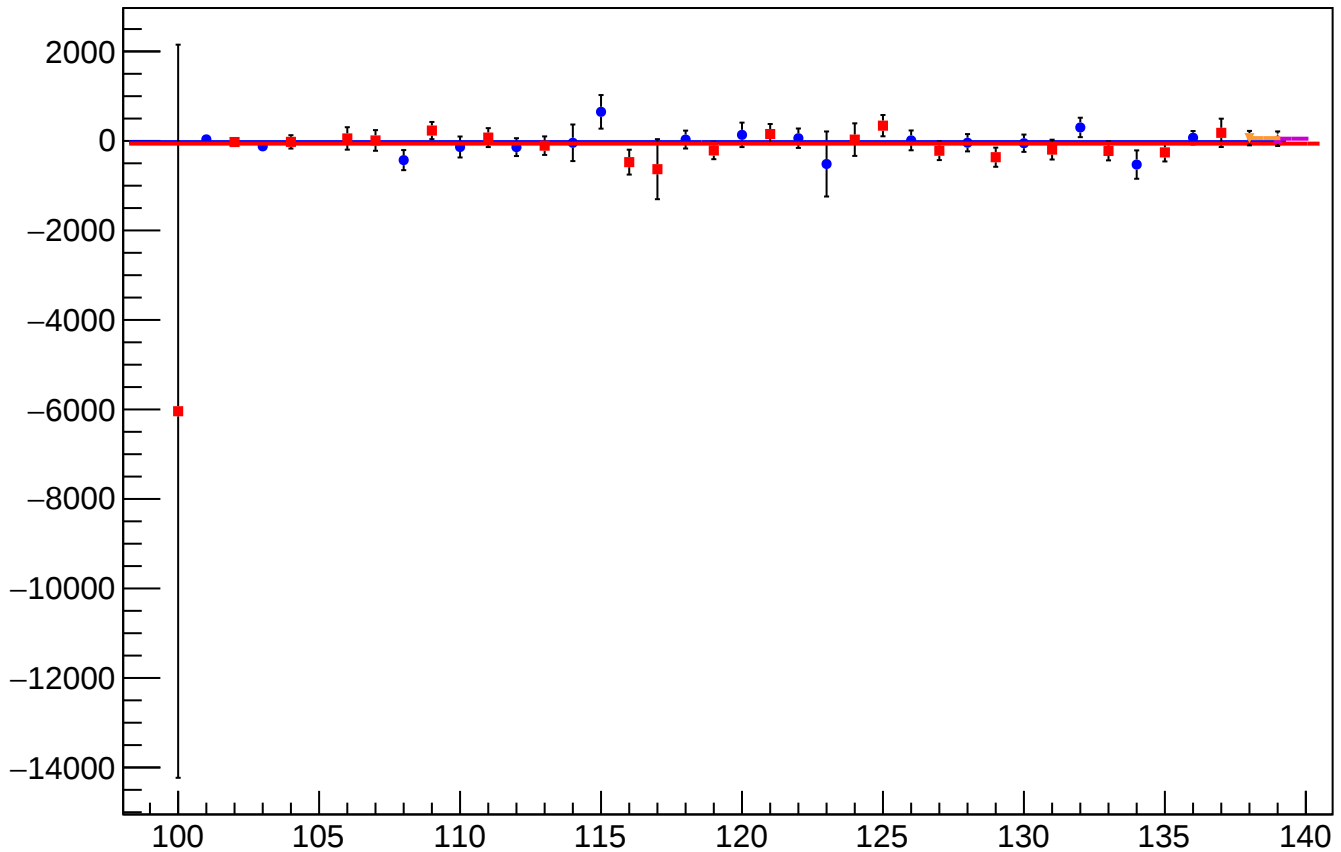
Right Out: 2.068 $\pm$ 0.001 χ^2 /NDF: 530286.7/19

Left In: 2.034 $\pm$ 0.002 χ^2 /NDF: 0.0/0

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

2.065 $\pm$ 0.001 χ^2 /NDF: 530571.8/20

asym_dsr_mean vs Slug



Right In: -26.258+/-46.789 χ^2/NDF : 14.4/16

Left Out: 63.123+/-161.244 χ^2/NDF : 0.0/0

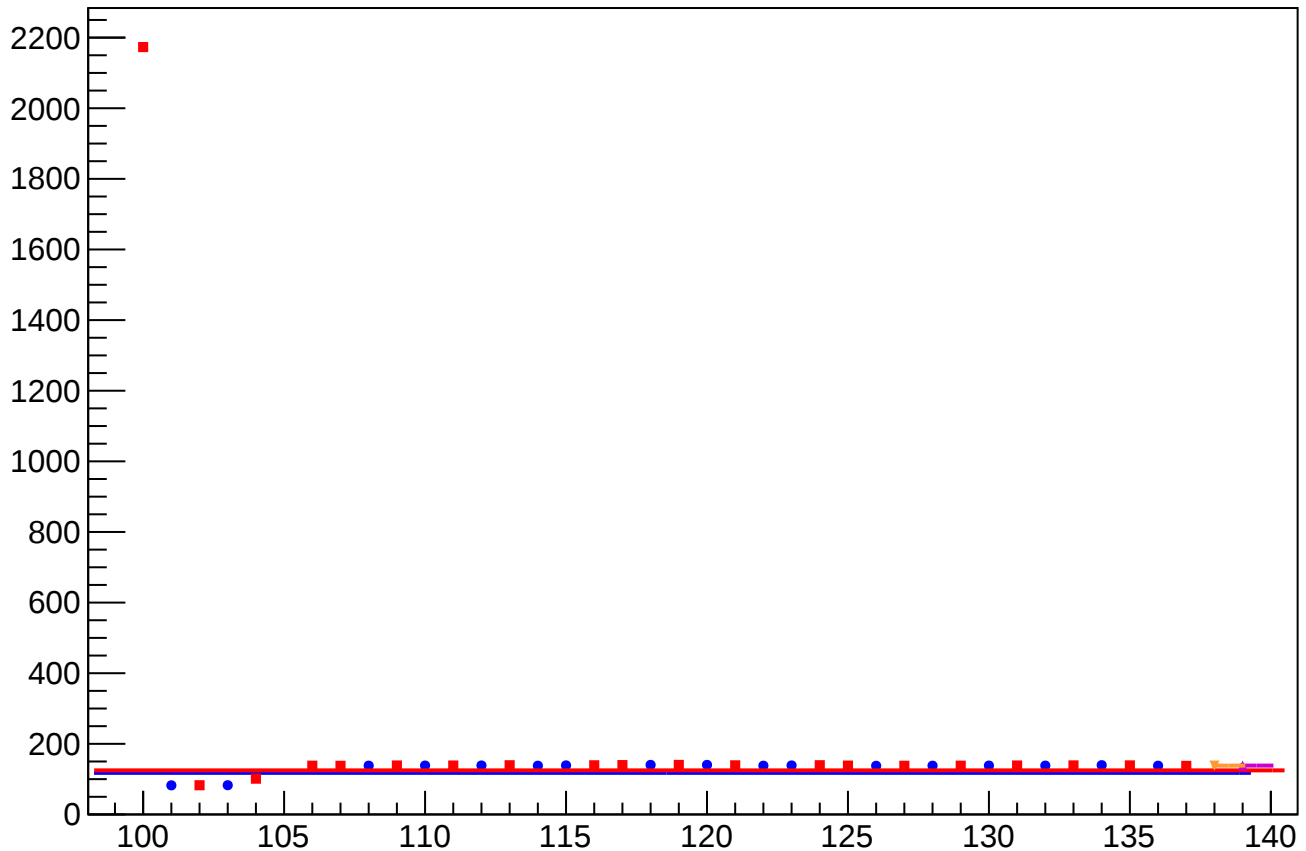
Right Out: -60.159+/-47.602 χ^2/NDF : 16.2/19

Left In: 50.045+/-162.383 χ^2/NDF : 0.0/0

-19.317+/-44.936 χ^2/NDF : 14.6/17

-51.438+/-45.680 χ^2/NDF : 16.7/20

asym_dsr_rms vs Slug



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

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

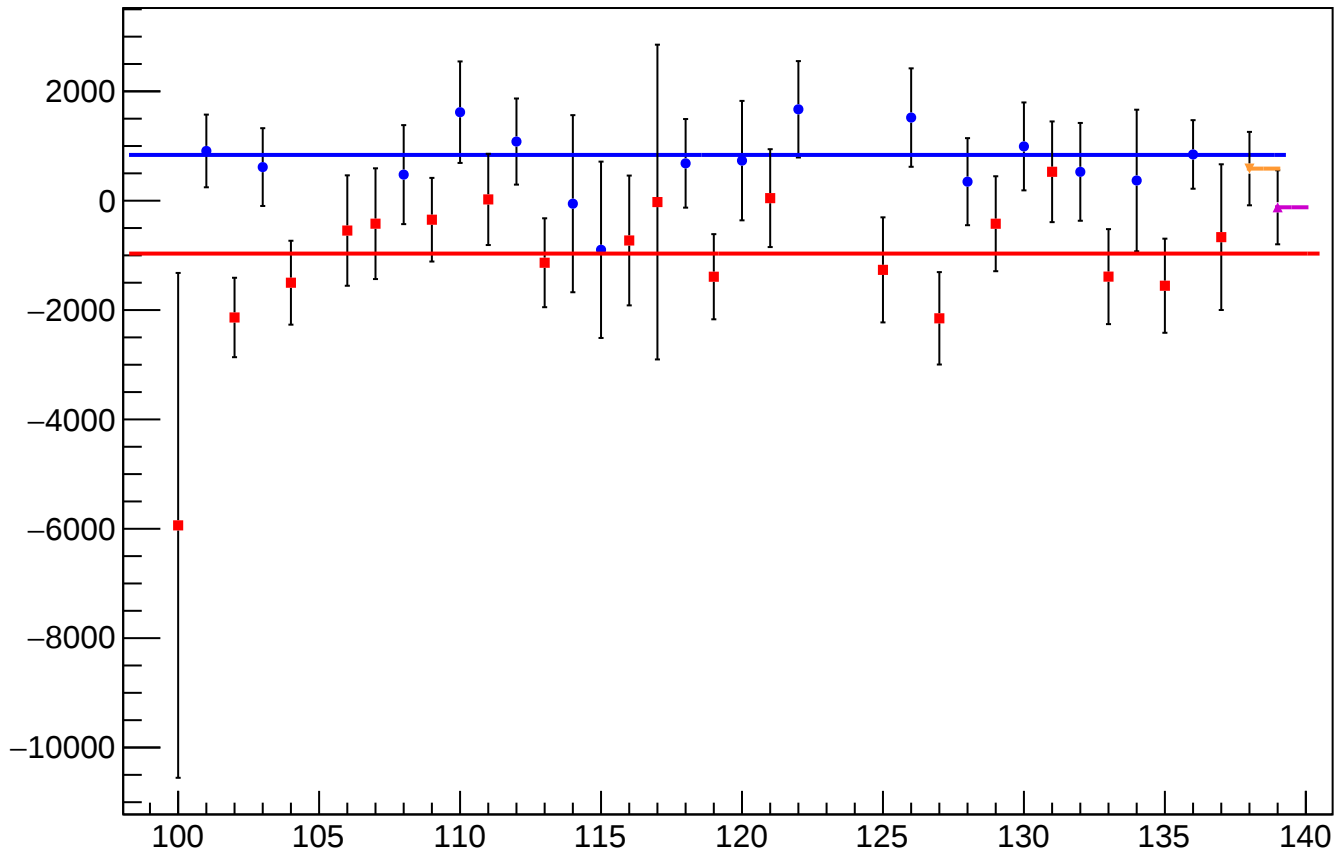
Right Out: 124.828 $\pm$ 0.034 χ^2 /NDF: 581349.7/19

Left In: 138.357 $\pm$ 0.115 χ^2 /NDF: 0.0/0

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

125.899 $\pm$ 0.032 χ^2 /NDF: 594132.8/20

reg_asym_left_avg_mean vs Slug



Right In: 837.048 $\pm$ 216.181 χ^2 /NDF: 4.7/15

Left Out: 586.912 $\pm$ 671.331 χ^2 /NDF: 0.0/0

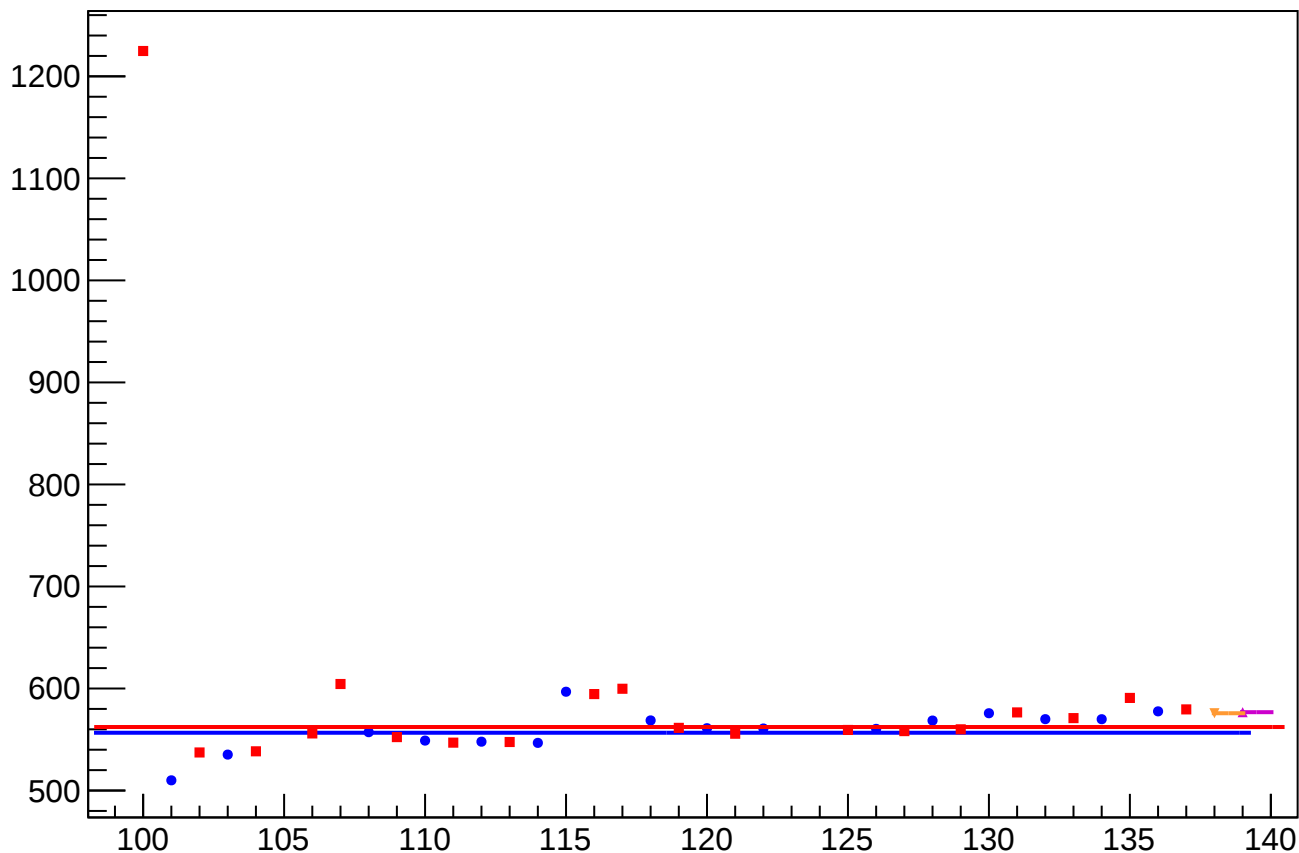
Right Out: -967.277 $\pm$ 212.168 χ^2 /NDF: 14.4/18

Left In: -120.557 $\pm$ 676.939 χ^2 /NDF: 0.0/0

813.547 $\pm$ 205.775 χ^2 /NDF: 4.8/16

-891.540 $\pm$ 202.456 χ^2 /NDF: 15.8/19

reg_asym_left_avg_rms vs Slug



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

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

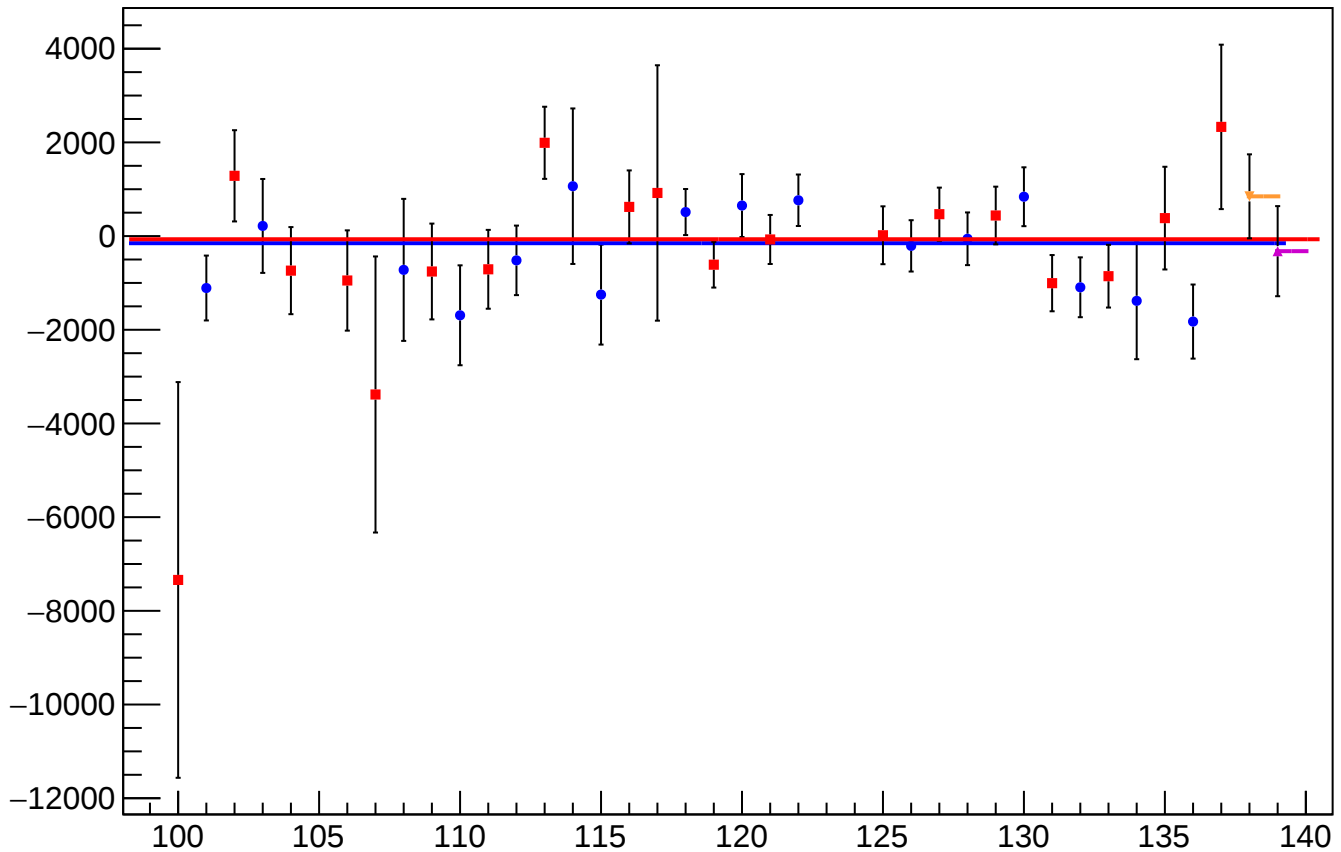
Right Out: 562.253+/-0.150 χ^2/NDF : 55916.7/18

Left In: 576.793+/-0.479 χ^2/NDF : 0.0/0

558.434+/-0.146 χ^2/NDF : 19861.6/16

563.554+/-0.143 χ^2/NDF : 56757.0/19

asym_left_avg_correction_mean vs Slug



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

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

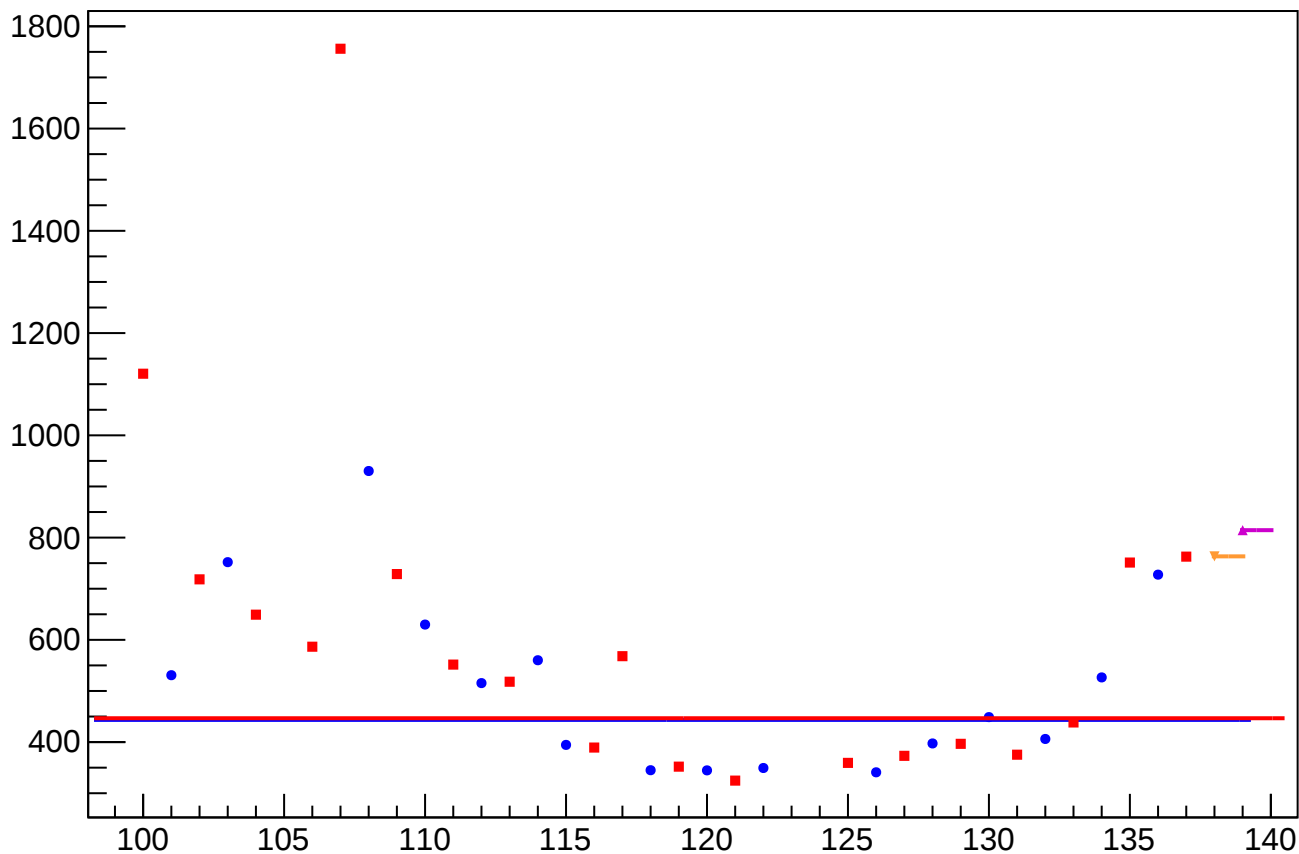
Right Out: -67.516+/-178.283 χ^2/NDF : 25.1/18

Left In: -322.016+/-961.746 χ^2/NDF : 0.0/0

-113.122+/-176.554 χ^2/NDF : 23.5/16

-75.971+/-175.297 χ^2/NDF : 25.2/19

asym_left_avg_correction_rms vs Slug



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

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

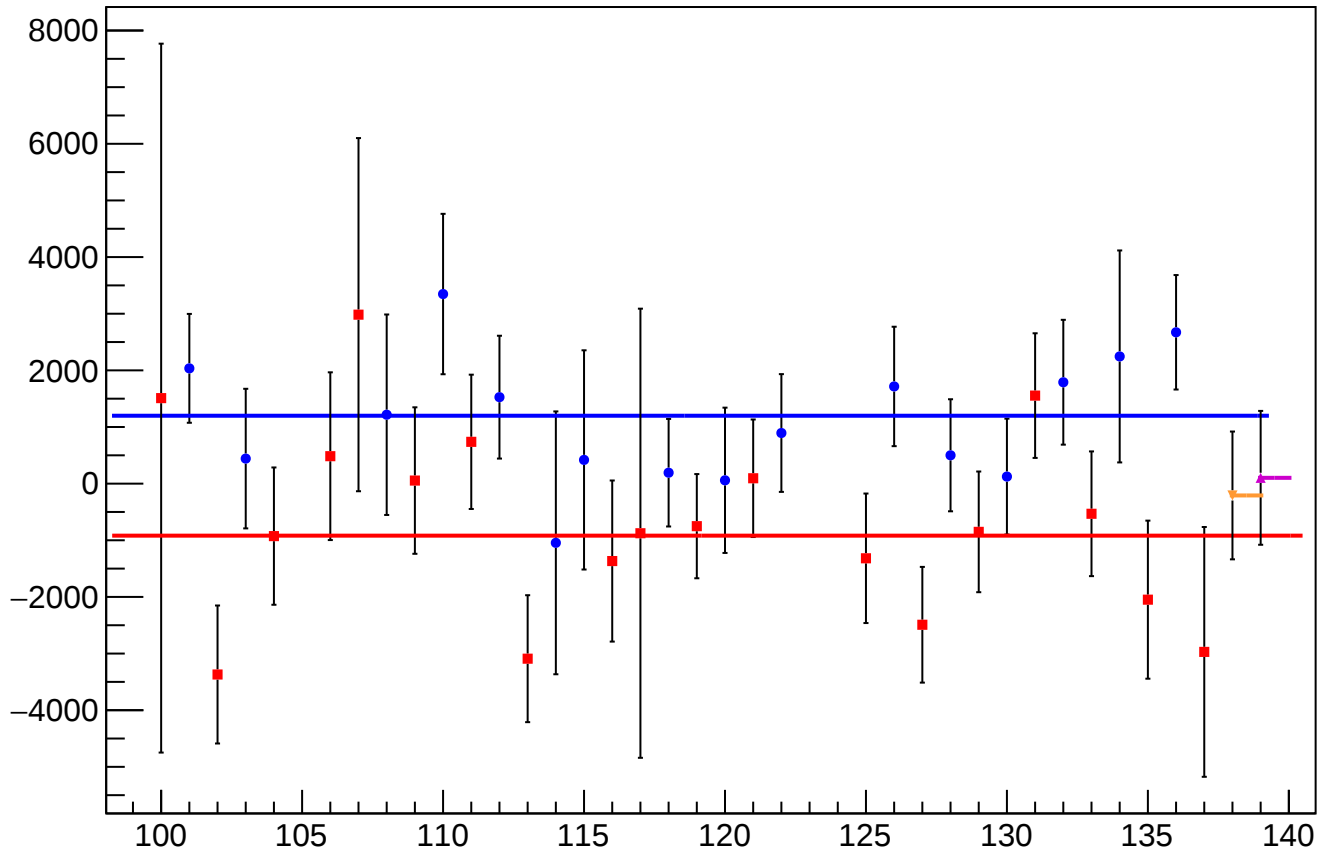
Right Out: 446.668+/-0.126 χ^2/NDF : 1463968.9/18

Left In: 814.520+/-0.680 χ^2/NDF : 0.0/0

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

458.889+/-0.124 χ^2/NDF : 1746835.5/19

asym_left_avg_mean vs Slug



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

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

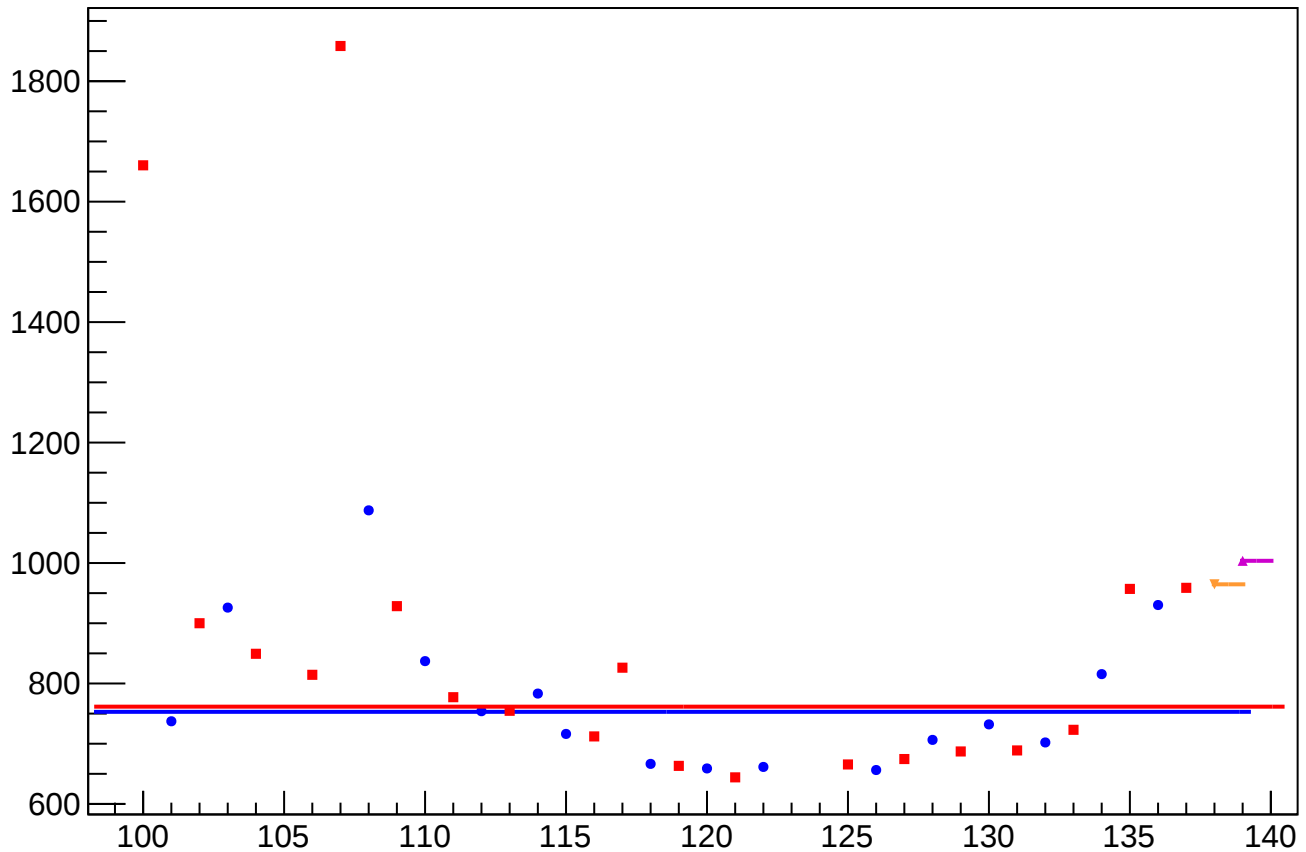
Right Out: -918.180 $\pm$ 292.495 χ^2 /NDF: 23.2/18

Left In: 102.473 $\pm$ 1181.691 χ^2 /NDF: 0.0/0

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

-859.257 $\pm$ 283.927 χ^2 /NDF: 23.9/19

asym_left_avg_rms vs Slug



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

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

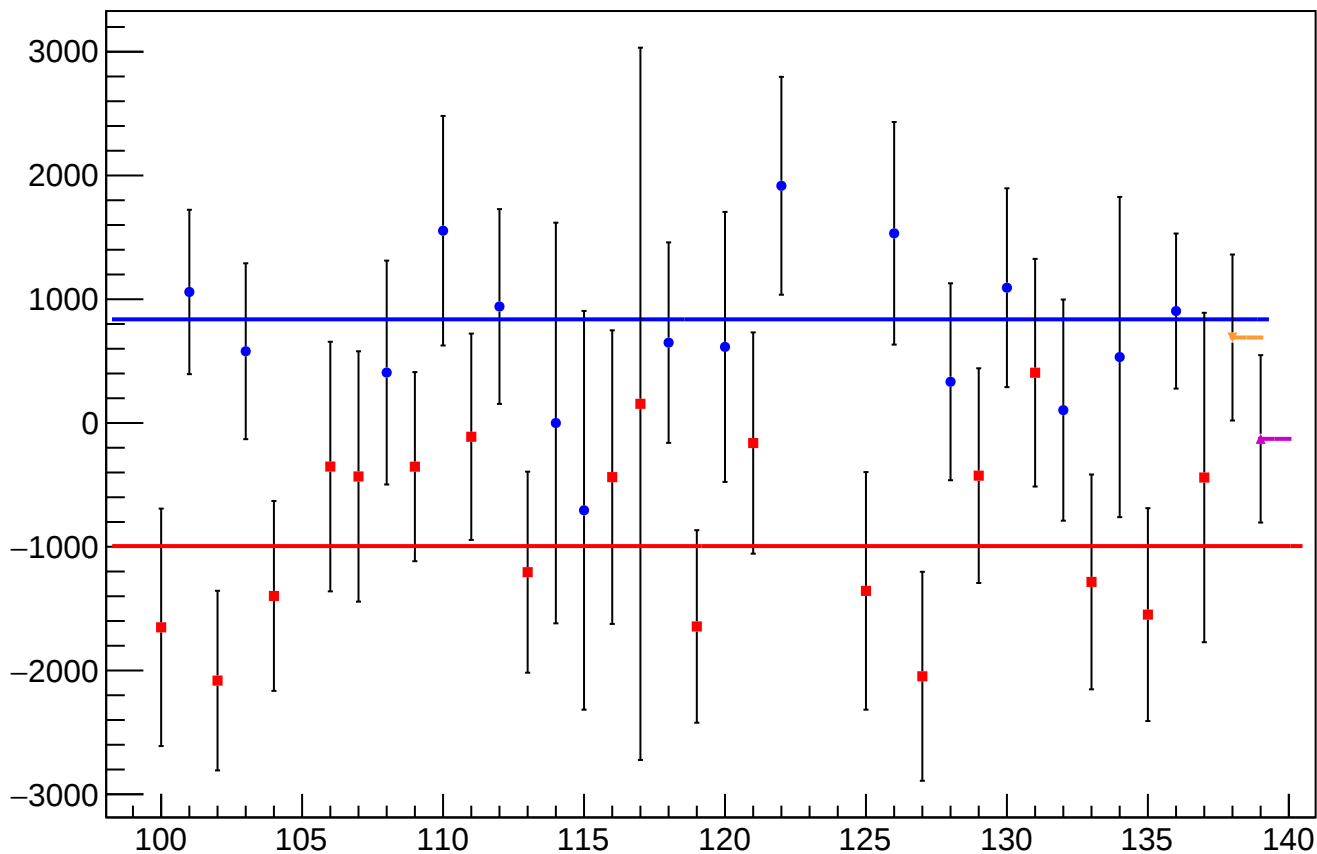
Right Out: 761.514 $\pm$ 0.207 χ^2 /NDF: 517672.2/18

Left In: 1003.668 $\pm$ 0.836 χ^2 /NDF: 0.0/0

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

775.494 $\pm$ 0.201 χ^2 /NDF: 596809.5/19

reg_asym_left_dd_mean vs Slug



Right In: 837.557 ± 216.015 χ^2/NDF : 5.7/15

Left Out: 690.824 ± 670.671 χ^2/NDF : 0.0/0

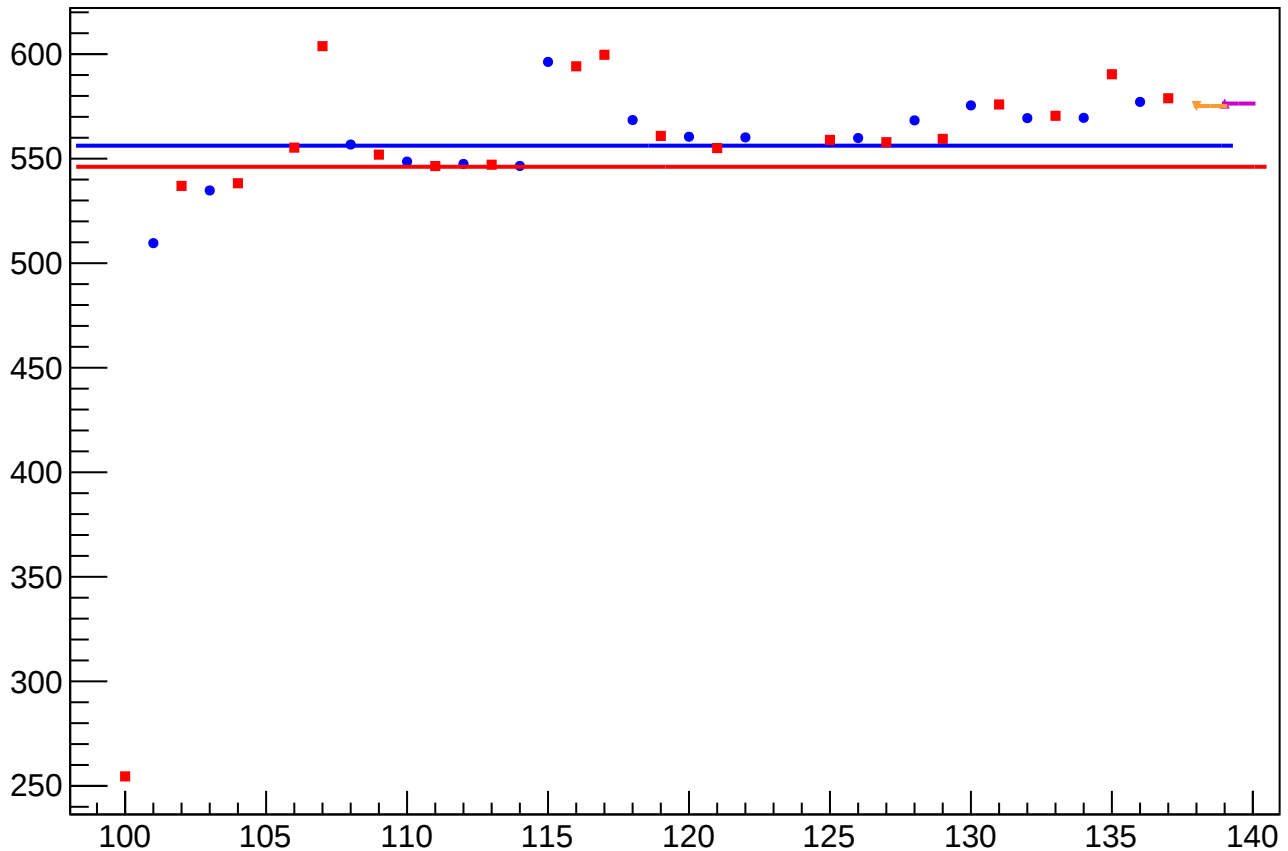
Right Out: -994.626 ± 207.208 χ^2/NDF : 12.7/18

Left In: -128.077 ± 676.434 χ^2/NDF : 0.0/0

823.766 ± 205.613 χ^2/NDF : 5.8/16

-920.289 ± 198.121 χ^2/NDF : 14.2/19

reg_asym_left_dd_rms vs Slug



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

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

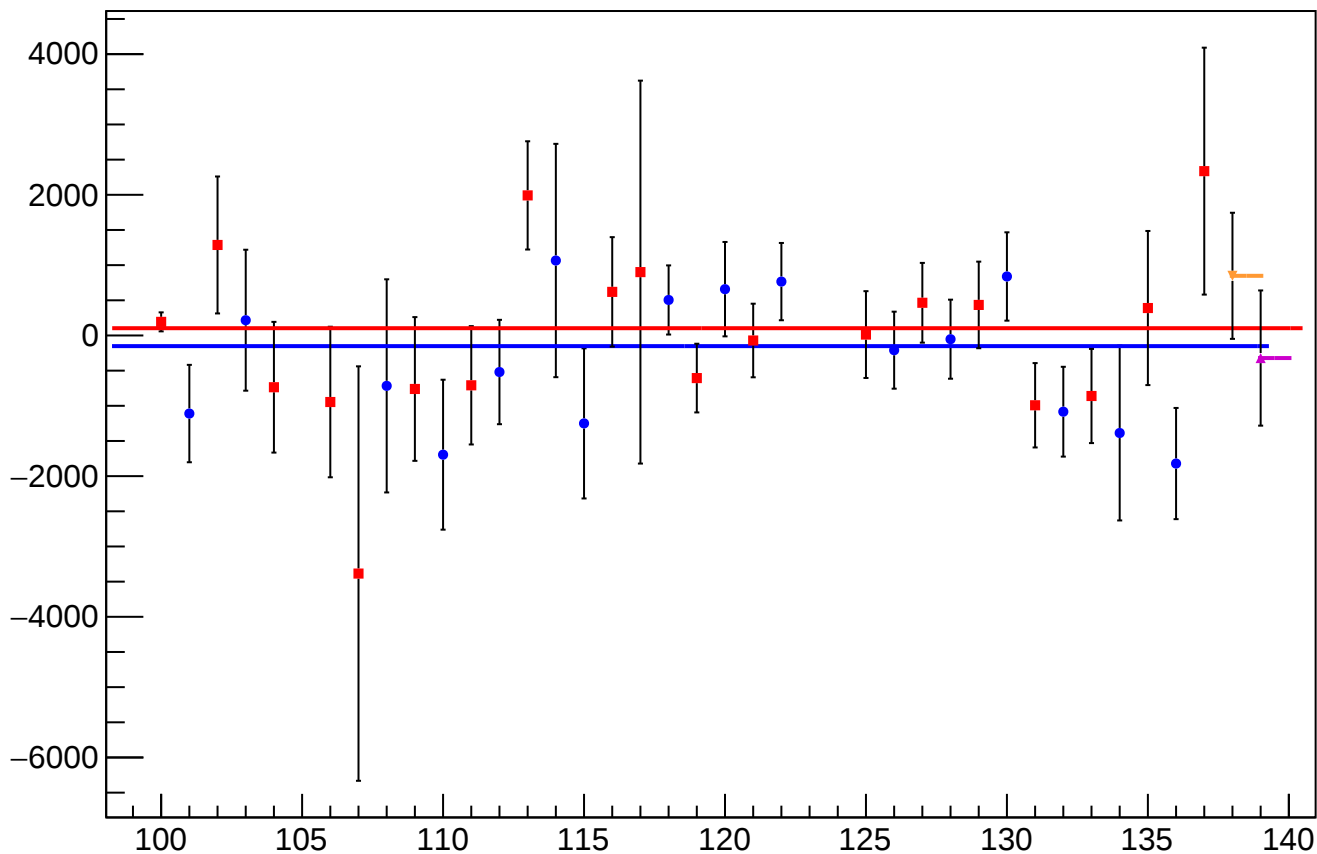
557.994+/-0.145 χ^2/NDF : 19868.6/16

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

548.718+/-0.140 χ^2/NDF : 211990.8/19

Left In: 576.364+/-0.478 χ^2/NDF : 0.0/0

asym_left_dd_correction_mean vs Slug



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

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

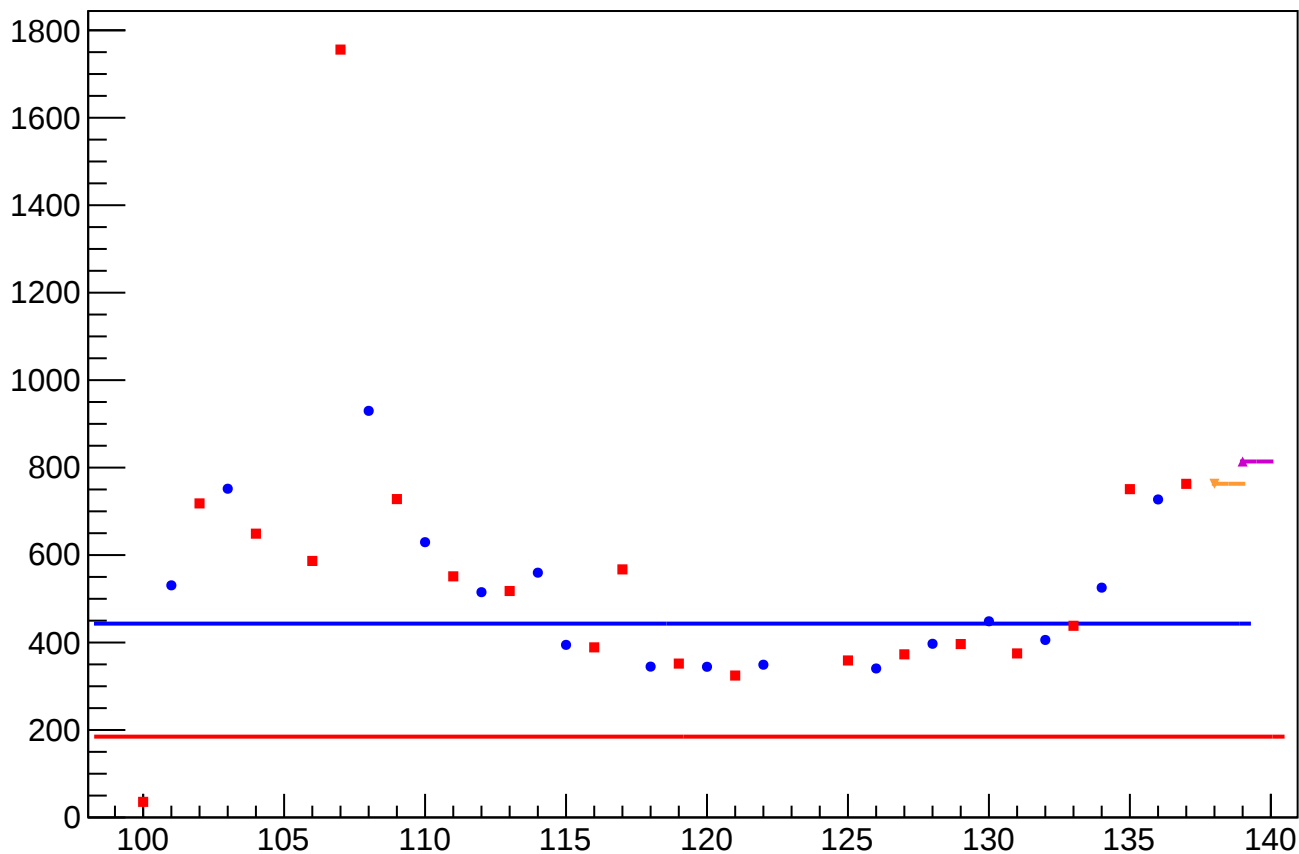
Right Out: 103.328+/-107.623 χ^2/NDF : 23.3/18

Left In: -321.006+/-961.100 χ^2/NDF : 0.0/0

-112.733+/-176.470 χ^2/NDF : 23.5/16

98.073+/-106.954 χ^2/NDF : 23.5/19

asym_left_dd_correction_rms vs Slug



Right In: 443.240 $\pm$ 0.127 χ^2 /NDF: 1060784.8/15

Left Out: 763.038 $\pm$ 0.634 χ^2 /NDF:0.0/0

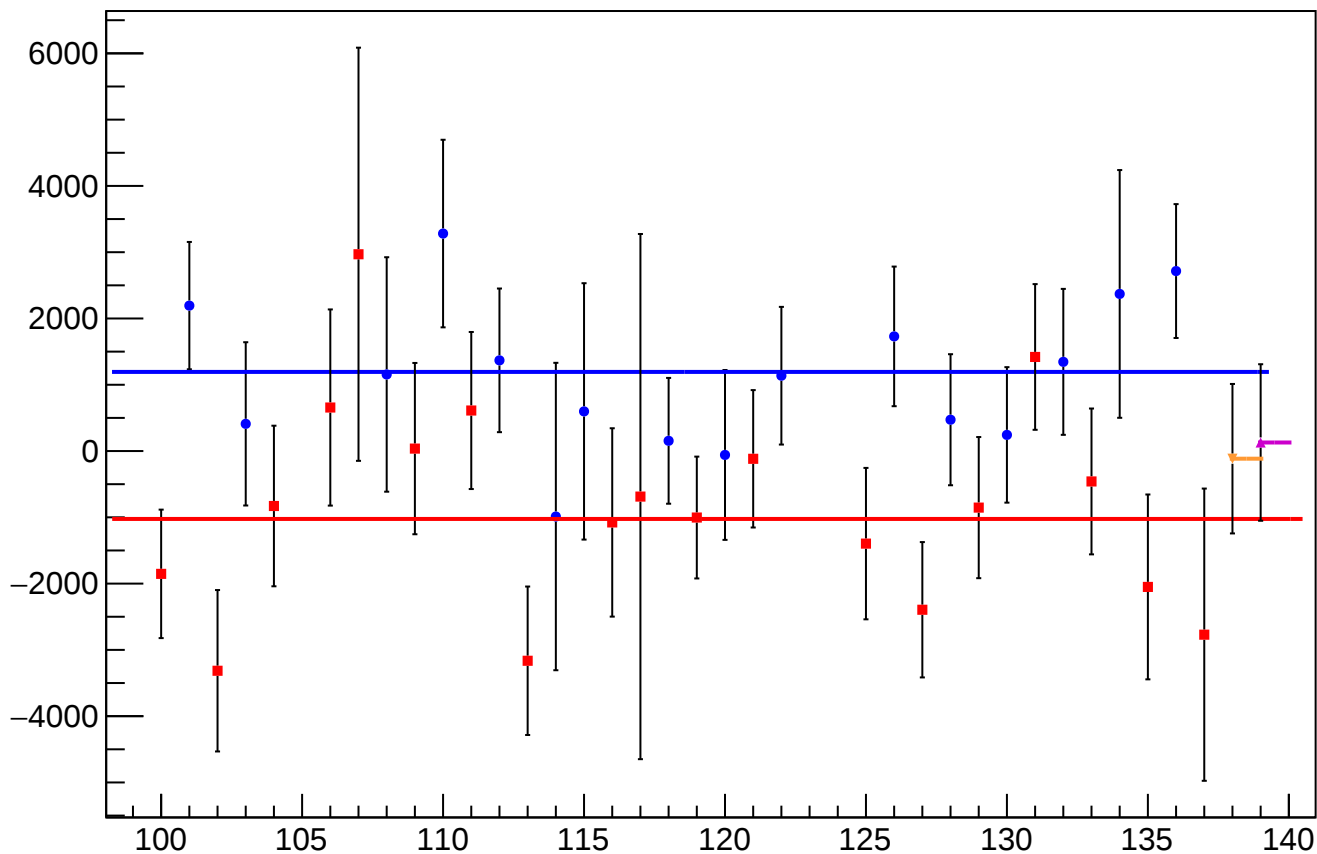
Right Out: 184.814 $\pm$ 0.076 χ^2 /NDF: 8119311.6/18

Left In: 813.969 $\pm$ 0.680 χ^2 /NDF:0.0/0

455.629 $\pm$ 0.125 χ^2 /NDF: 1305378.3/16

192.605 $\pm$ 0.076 χ^2 /NDF: 8965751.6/19

asym_left_dd_mean vs Slug



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

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

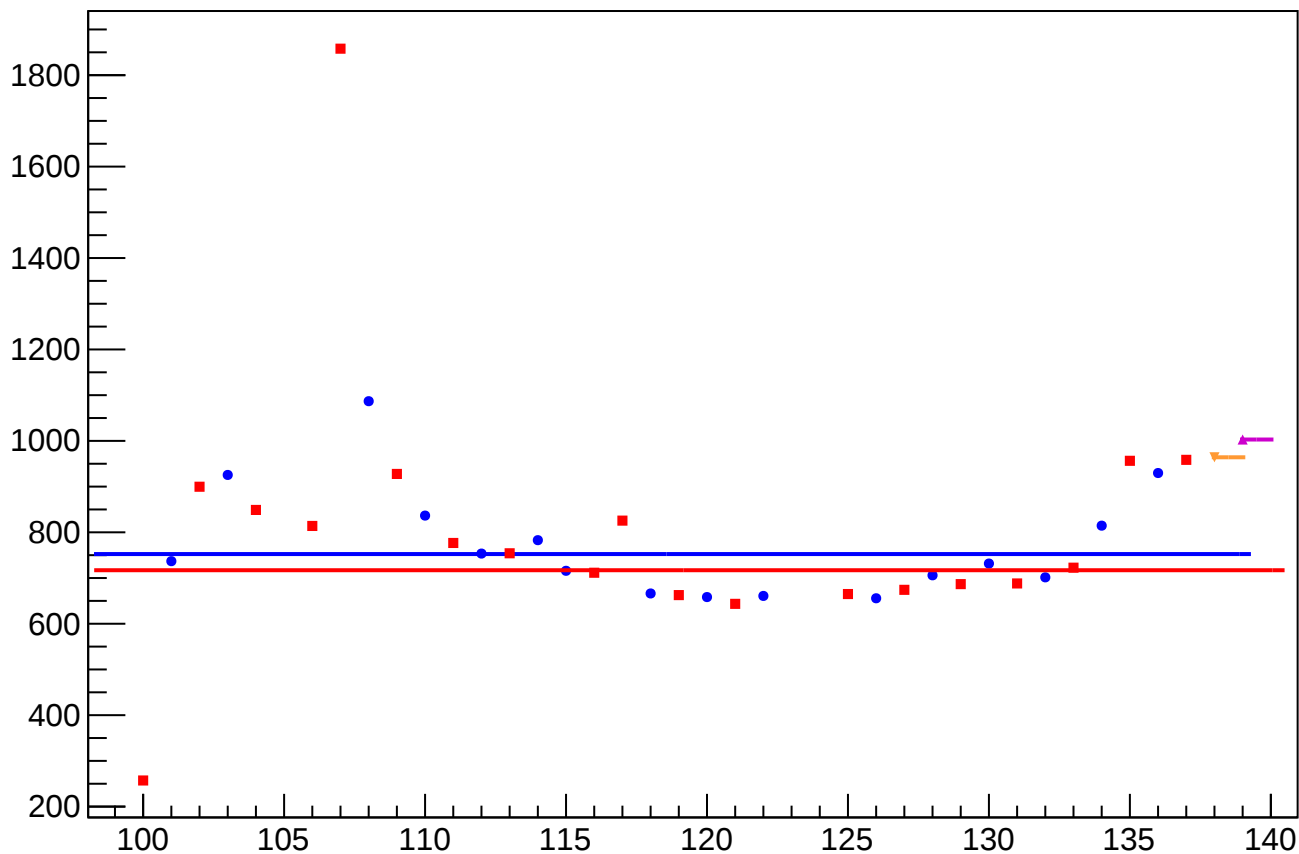
Right Out: -1024.435 $\pm$ 280.119 χ^2 /NDF: 22.5/18

Left In: 128.940 $\pm$ 1180.880 χ^2 /NDF: 0.0/0

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

-962.992 $\pm$ 272.556 χ^2 /NDF: 23.4/19

asym_left_dd_rms vs Slug



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

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

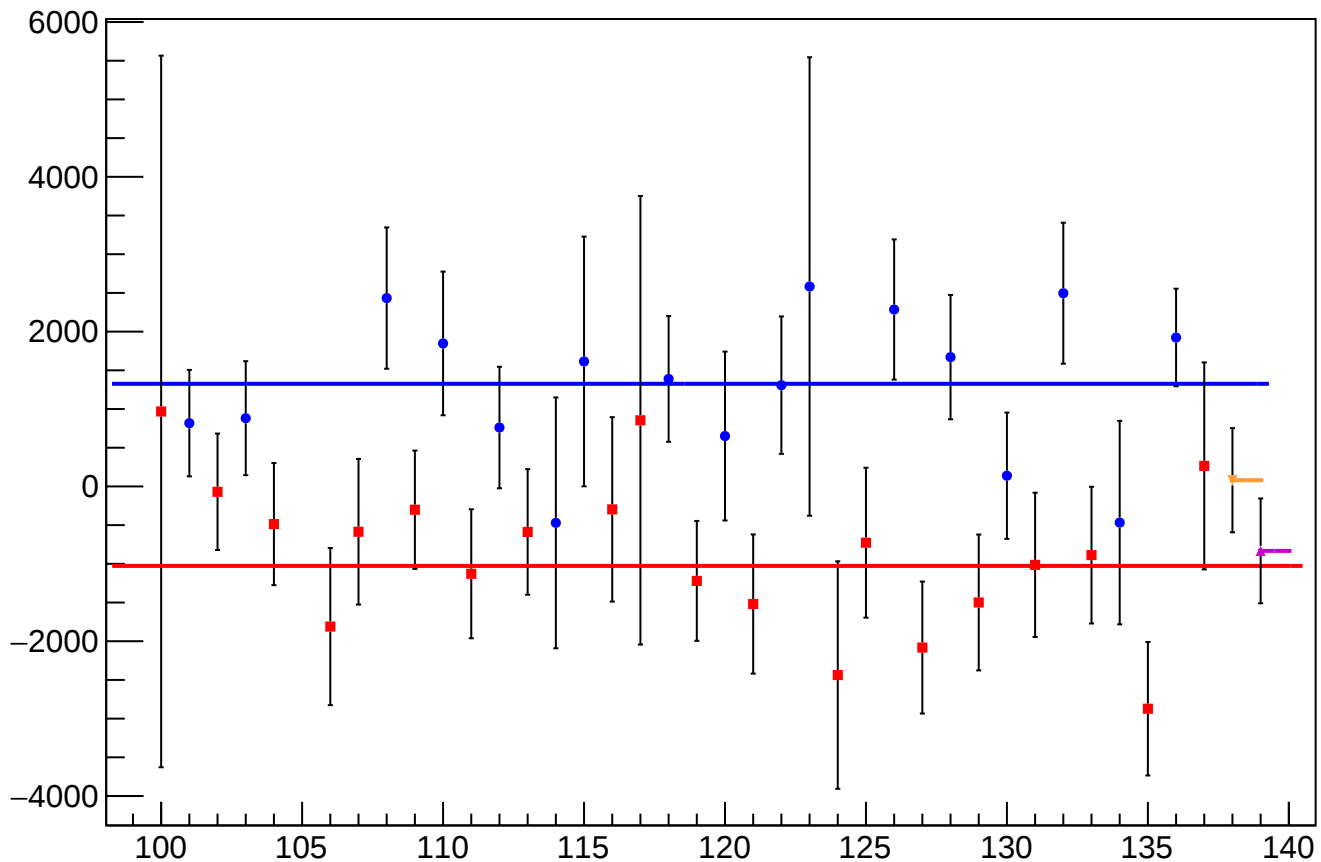
Right Out: 717.067+/-0.198 χ^2/NDF : 968442.7/18

Left In: 1002.979+/-0.835 χ^2/NDF : 0.0/0

765.993+/-0.202 χ^2/NDF : 318671.5/16

732.298+/-0.193 χ^2/NDF : 1079438.8/19

reg_asym_right_avg_mean vs Slug



Right In: 1325.776+/-218.106 χ^2/NDF : 12.9/16

Left Out: 80.287+/-673.337 χ^2/NDF : 0.0/0

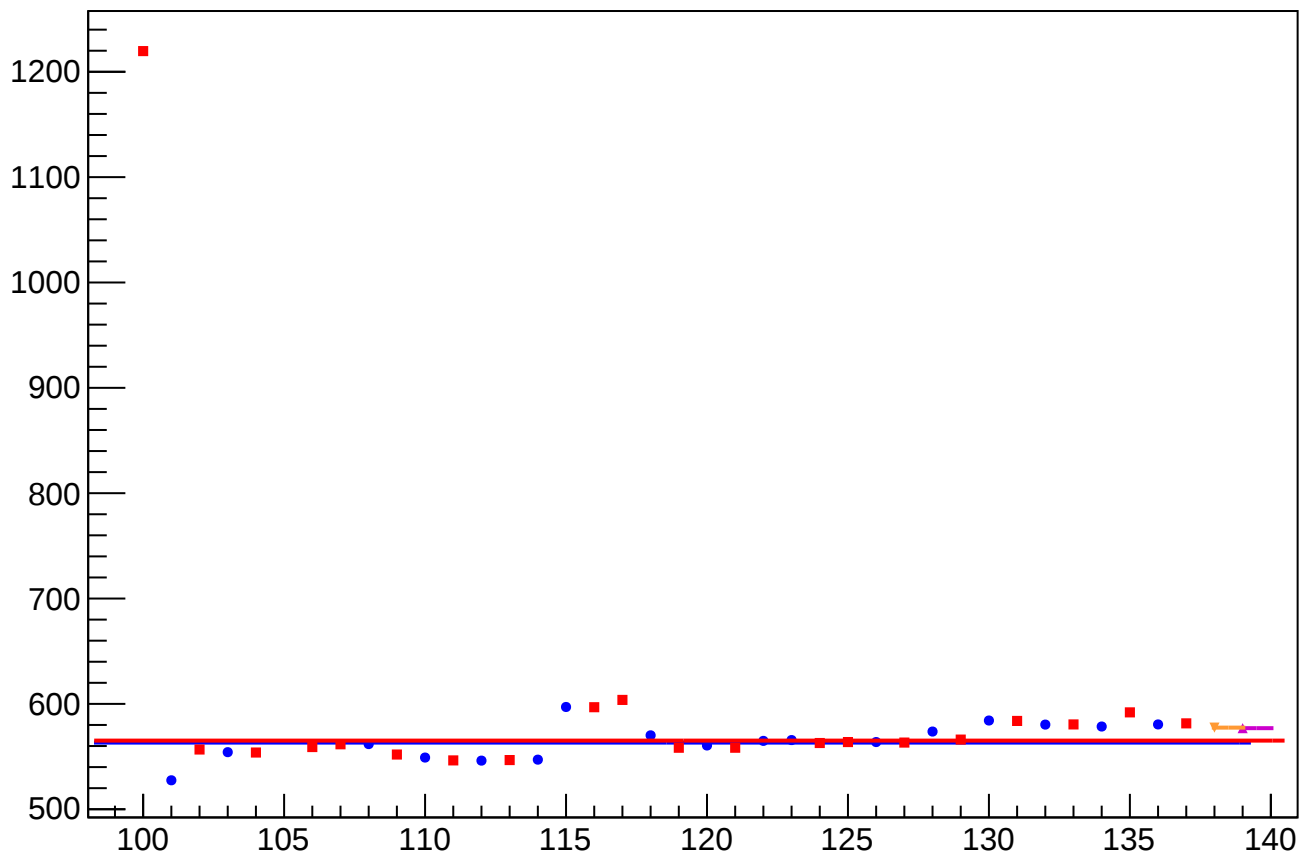
Right Out: -1026.996+/-211.021 χ^2/NDF : 13.8/19

Left In: -832.910+/-677.123 χ^2/NDF : 0.0/0

1207.505+/-207.492 χ^2/NDF : 16.0/17

-1009.815+/-201.464 χ^2/NDF : 13.9/20

reg_asym_right_avg_rms vs Slug



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

Left Out: 577.476+/-0.476 χ^2/NDF : 0.0/0

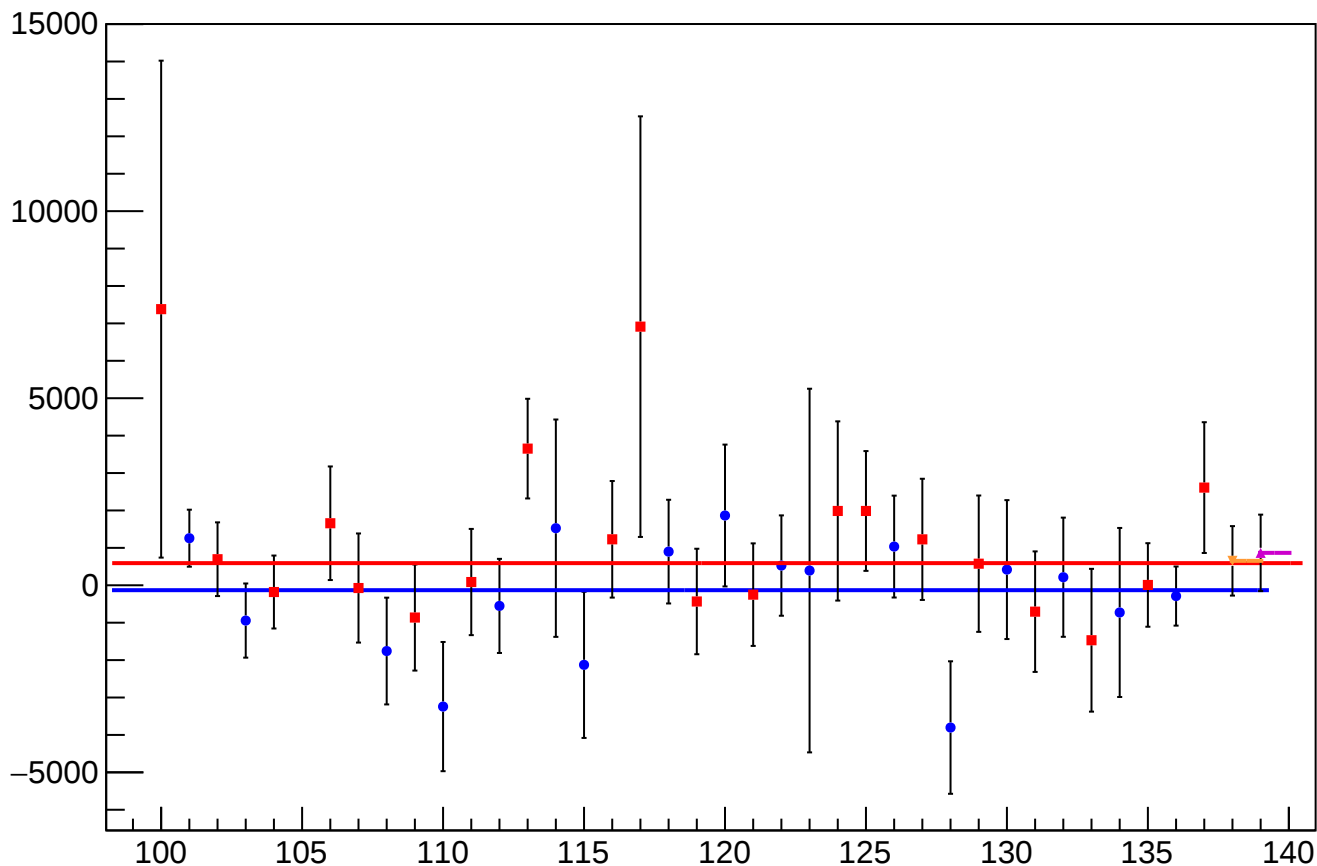
Right Out: 565.150+/-0.149 χ^2/NDF : 49653.1/19

Left In: 576.953+/-0.479 χ^2/NDF : 0.0/0

564.615+/-0.147 χ^2/NDF : 13326.5/17

566.195+/-0.142 χ^2/NDF : 50207.1/20

asym_right_avg_correction_mean vs Slug



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

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

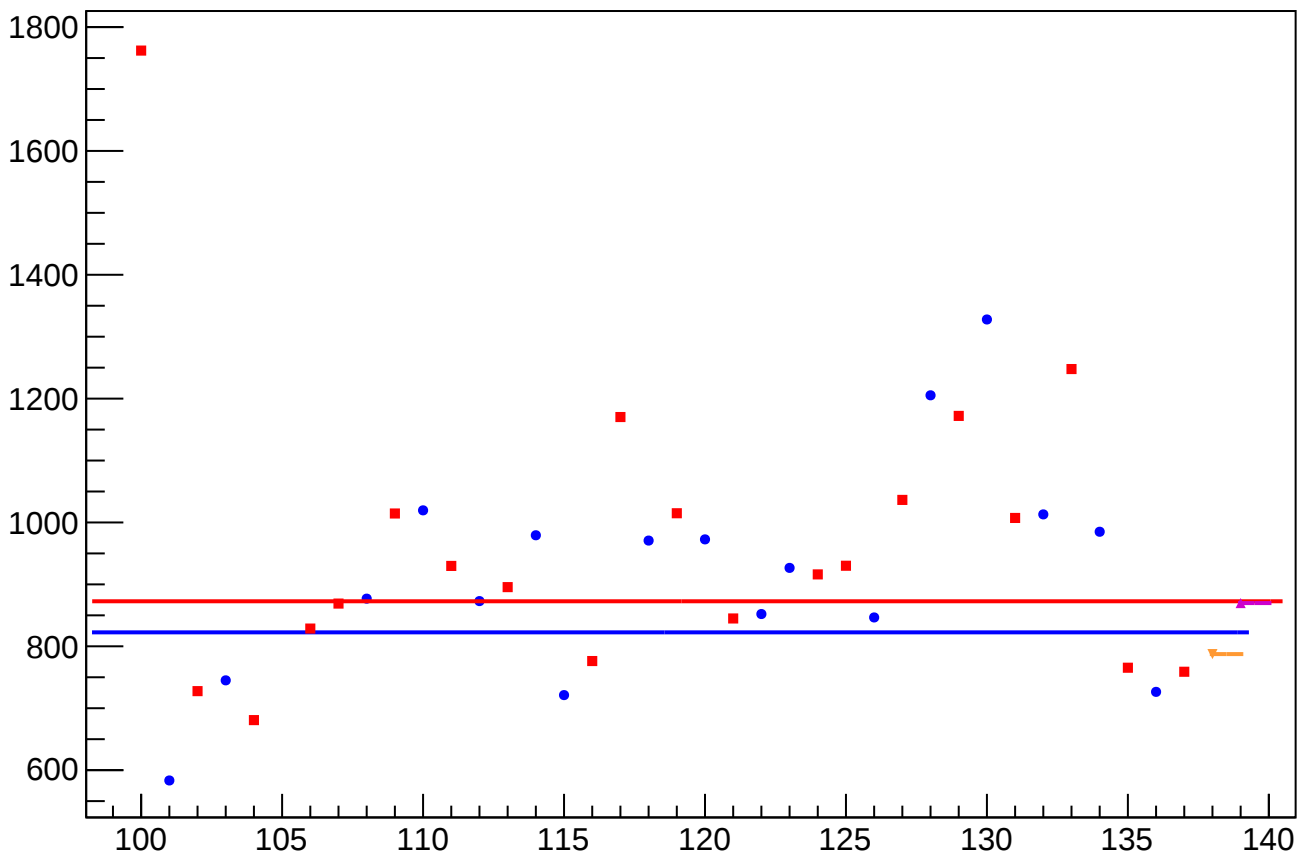
Right Out: 591.948+/-331.825 χ^2/NDF : 15.9/19

Left In: 866.530+/-1021.714 χ^2/NDF : 0.0/0

-44.316+/-308.924 χ^2/NDF : 17.9/17

618.147+/-315.598 χ^2/NDF : 15.9/20

asym_right_avg_correction_rms vs Slug



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

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

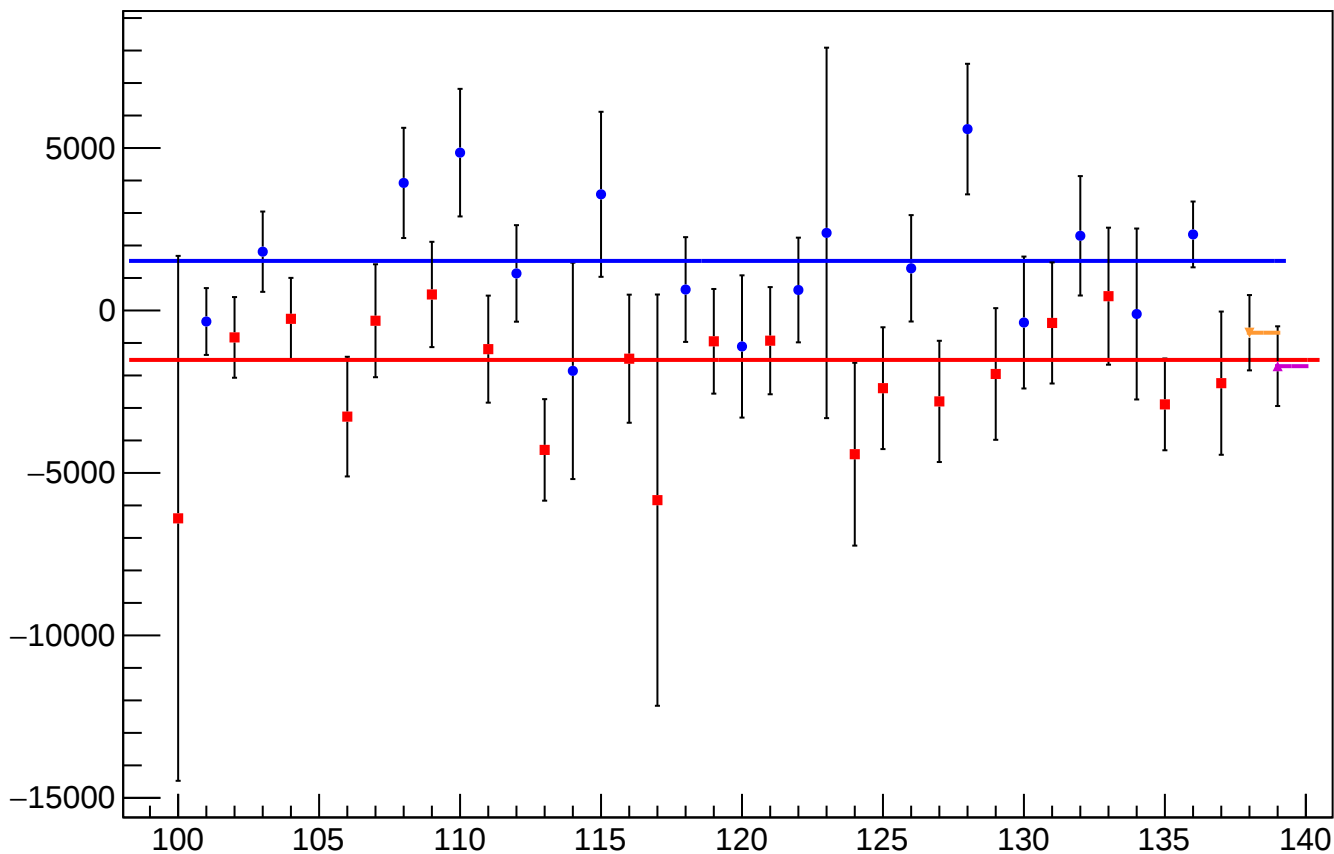
Right Out: 872.719+/-0.235 χ^2/NDF : 412481.2/19

Left In: 869.810+/-0.722 χ^2/NDF : 0.0/0

818.642+/-0.218 χ^2/NDF : 603497.1/17

872.442+/-0.223 χ^2/NDF : 412495.8/20

asym_right_avg_mean vs Slug



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

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

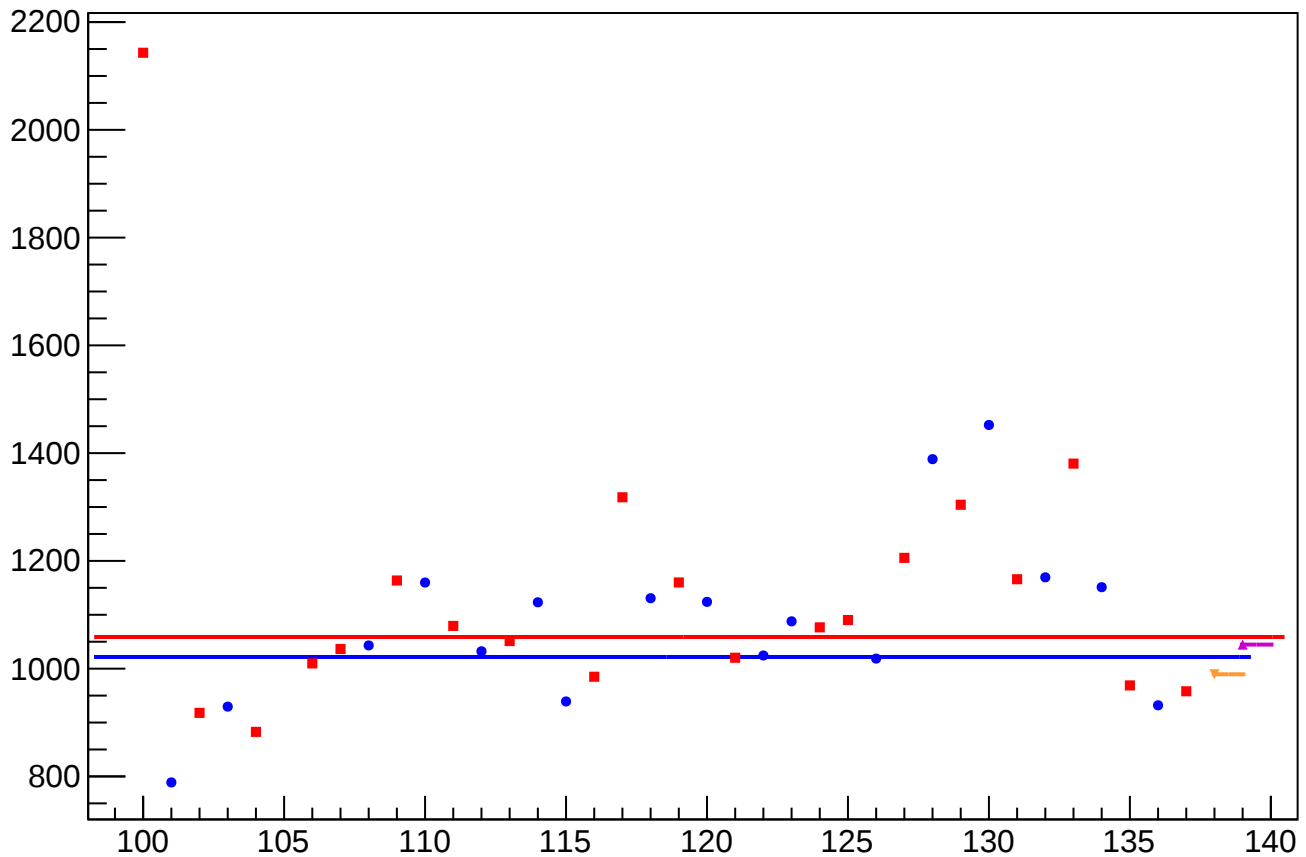
Right Out: -1521.641+/-399.157 χ^2/NDF : 12.6/19

Left In: -1713.929+/-1226.605 χ^2/NDF : 0.0/0

1288.377+/-379.620 χ^2/NDF : 21.5/17

-1540.054+/-379.565 χ^2/NDF : 12.6/20

asym_right_avg_rms vs Slug



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

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

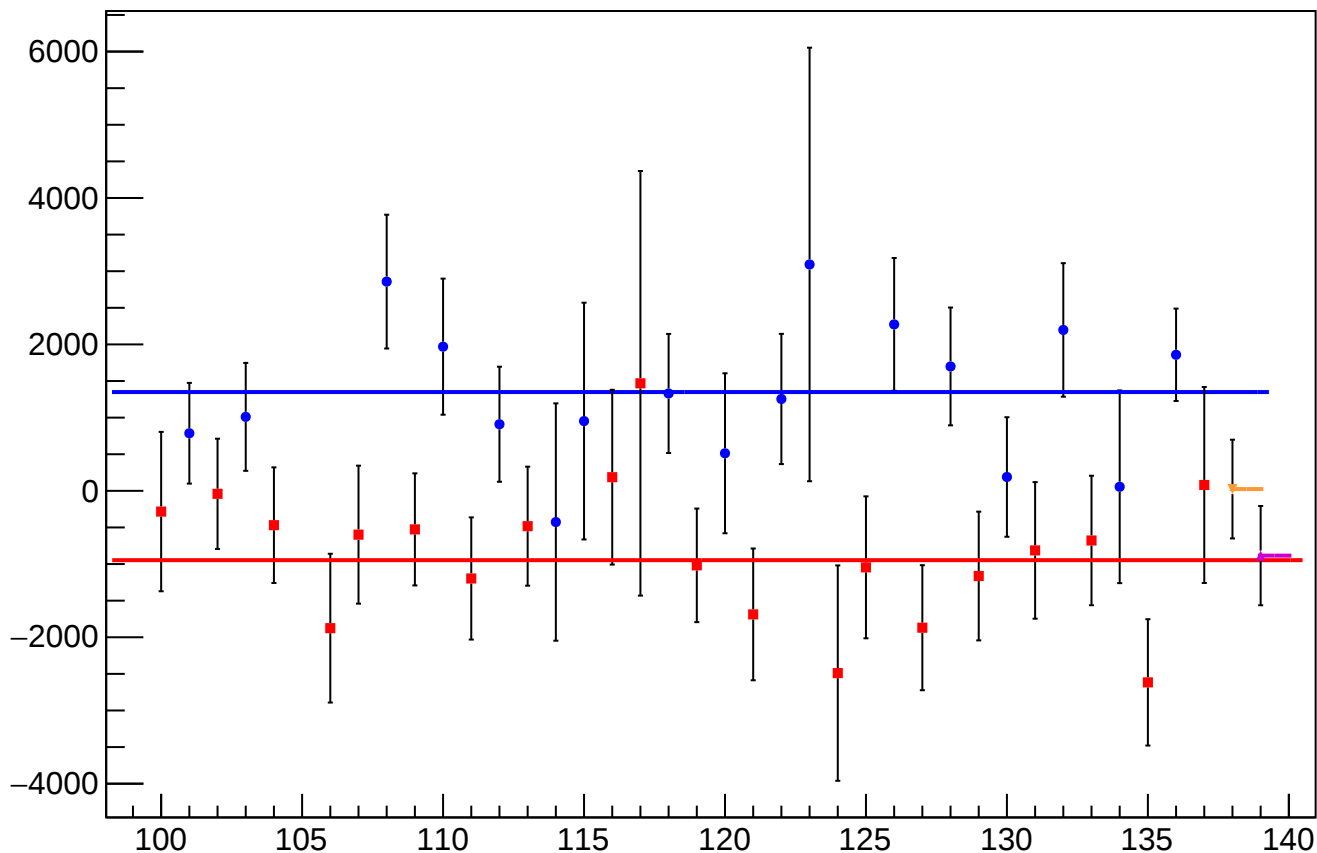
Right Out: 1058.783+/-0.282 χ^2/NDF : 234314.8/19

Left In: 1044.683+/-0.867 χ^2/NDF : 0.0/0

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

1057.433+/-0.268 χ^2/NDF : 234553.8/20

reg_asym_right_dd_mean vs Slug



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

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

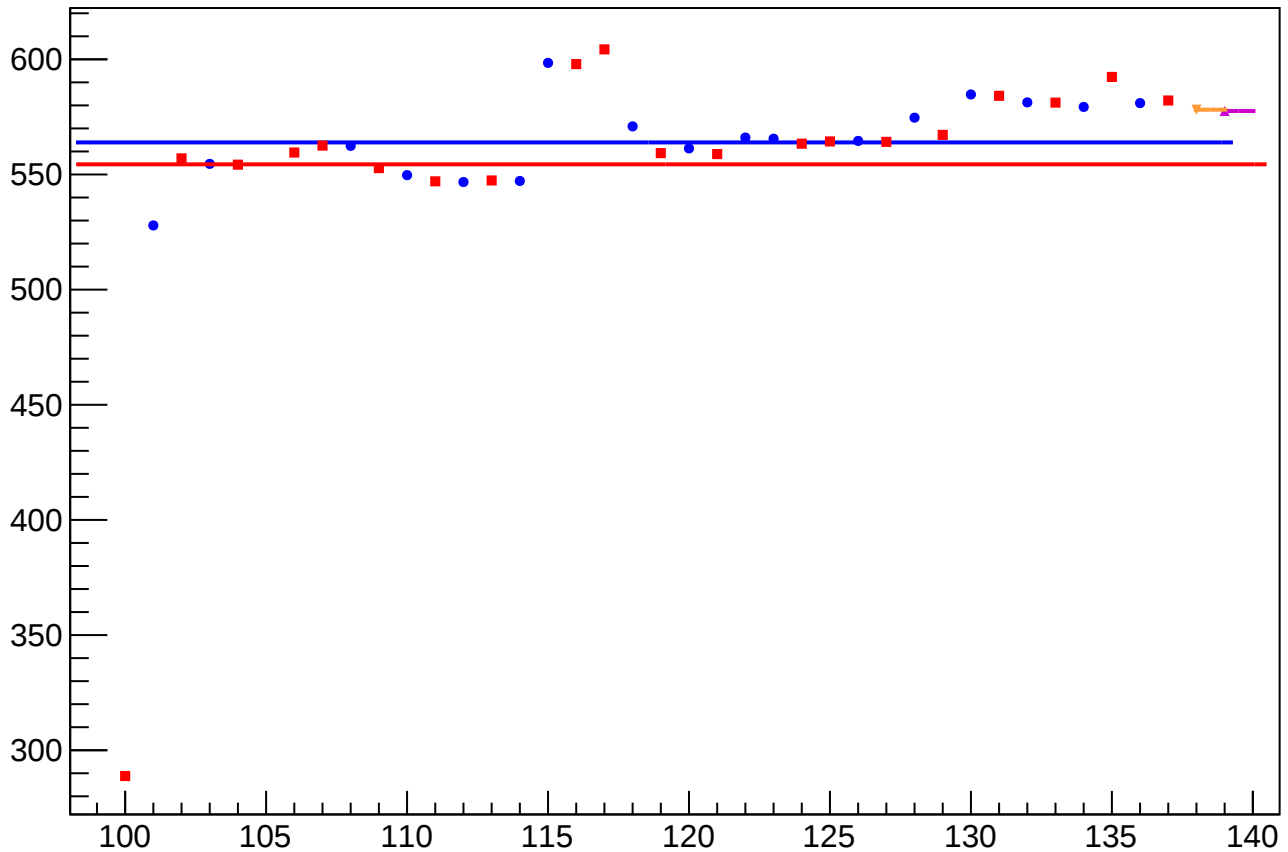
Right Out: -947.051 $\pm$ 207.609 χ^2 /NDF: 12.9/19

Left In: -885.007 $\pm$ 677.835 χ^2 /NDF: 0.0/0

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

-941.730 $\pm$ 198.507 χ^2 /NDF: 12.9/20

reg_asym_right_dd_rms vs Slug



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

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

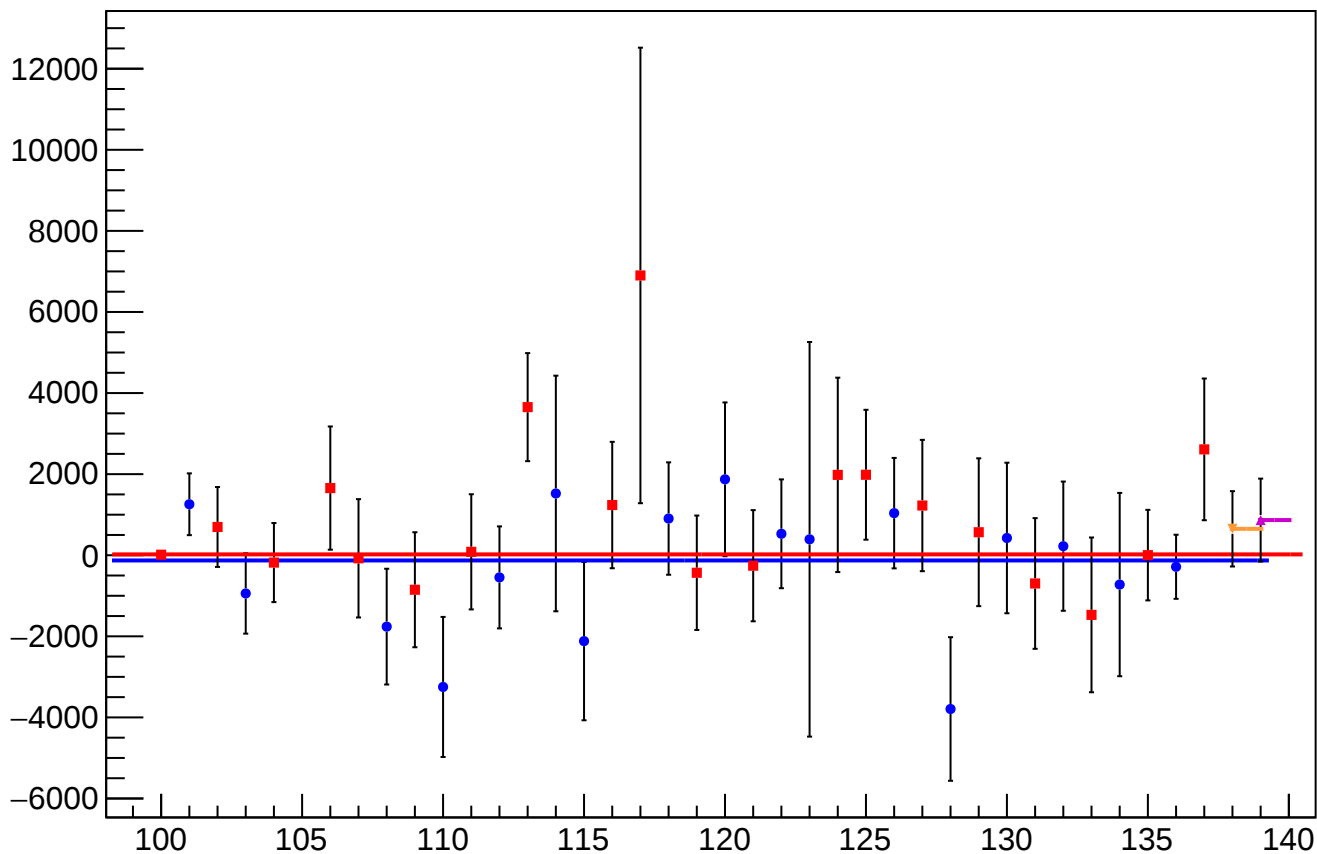
Right Out: 554.402 $\pm$ 0.147 χ^2 /NDF: 132560.6/19

Left In: 577.559 $\pm$ 0.479 χ^2 /NDF: 0.0/0

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

556.388 $\pm$ 0.140 χ^2 /NDF: 134694.8/20

asym_right_dd_correction_mean vs Slug



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

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

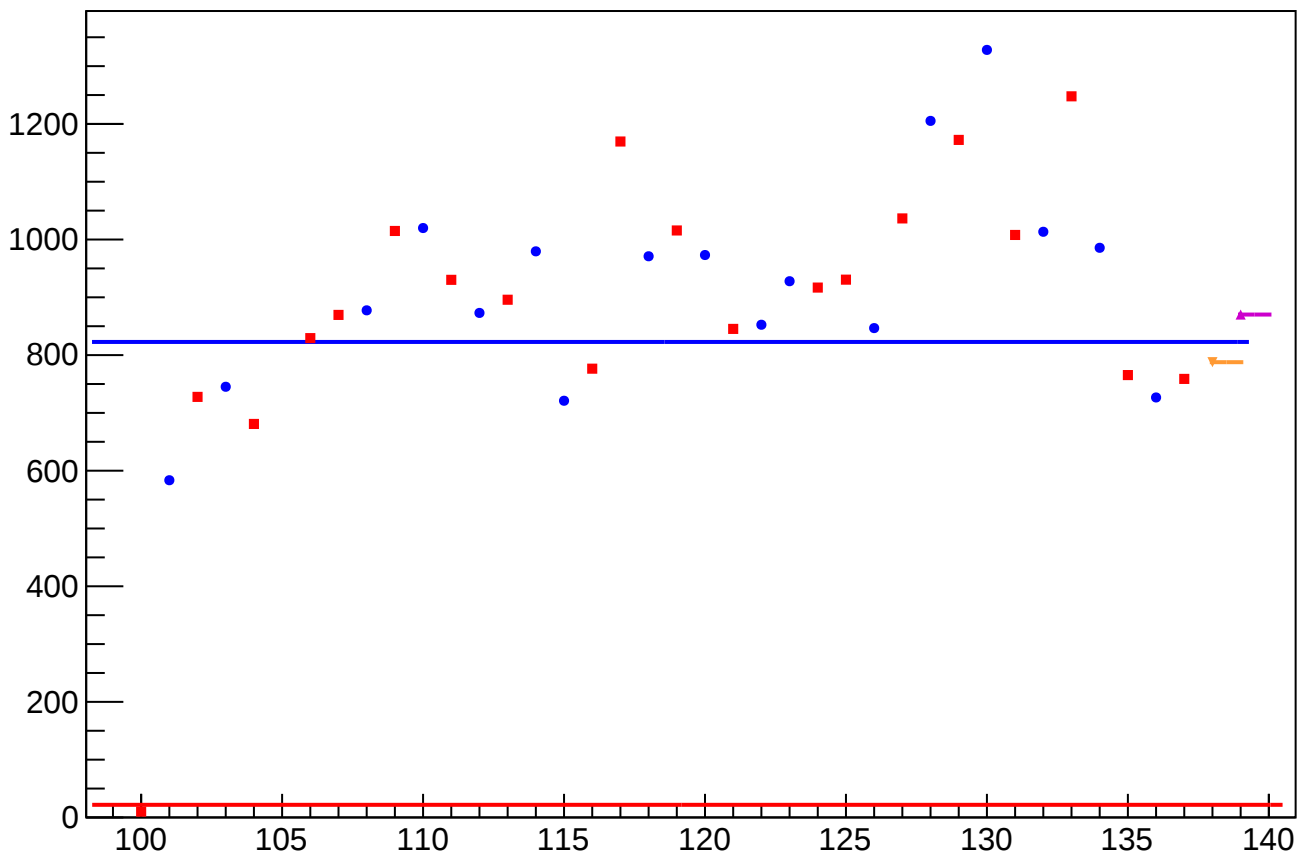
Right Out: 20.715+/-38.953 χ^2/NDF : 17.6/19

Left In: 867.645+/-1022.140 χ^2/NDF : 0.0/0

-42.395+/-309.023 χ^2/NDF : 17.8/17

21.943+/-38.925 χ^2/NDF : 18.3/20

asym_right_dd_correction_rms vs Slug



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

Left Out: 787.769 $\pm$ 0.657 χ^2 /NDF: 0.0/0

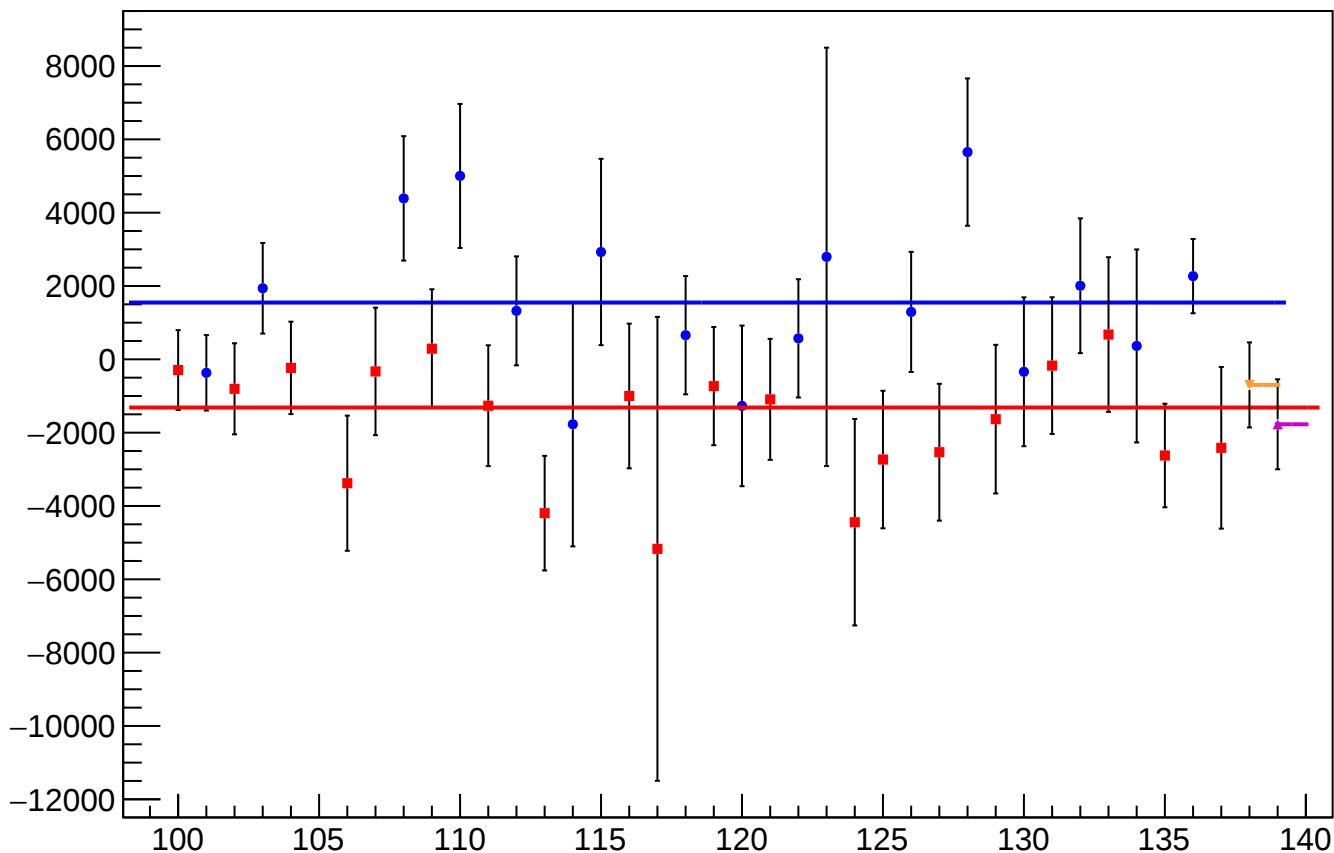
Right Out: 21.867 $\pm$ 0.028 χ^2 /NDF: 13607091.0/19

Left In: 870.174 $\pm$ 0.723 χ^2 /NDF: 0.0/0

818.905 $\pm$ 0.219 χ^2 /NDF: 603400.5/17

23.098 $\pm$ 0.028 χ^2 /NDF: 14982669.2/20

asym_right_dd_mean vs Slug



Right In: 1548.873+/-402.008 χ^2/NDF : 19.0/16

Left Out: -698.107+/-1159.824 χ^2/NDF : 0.0/0

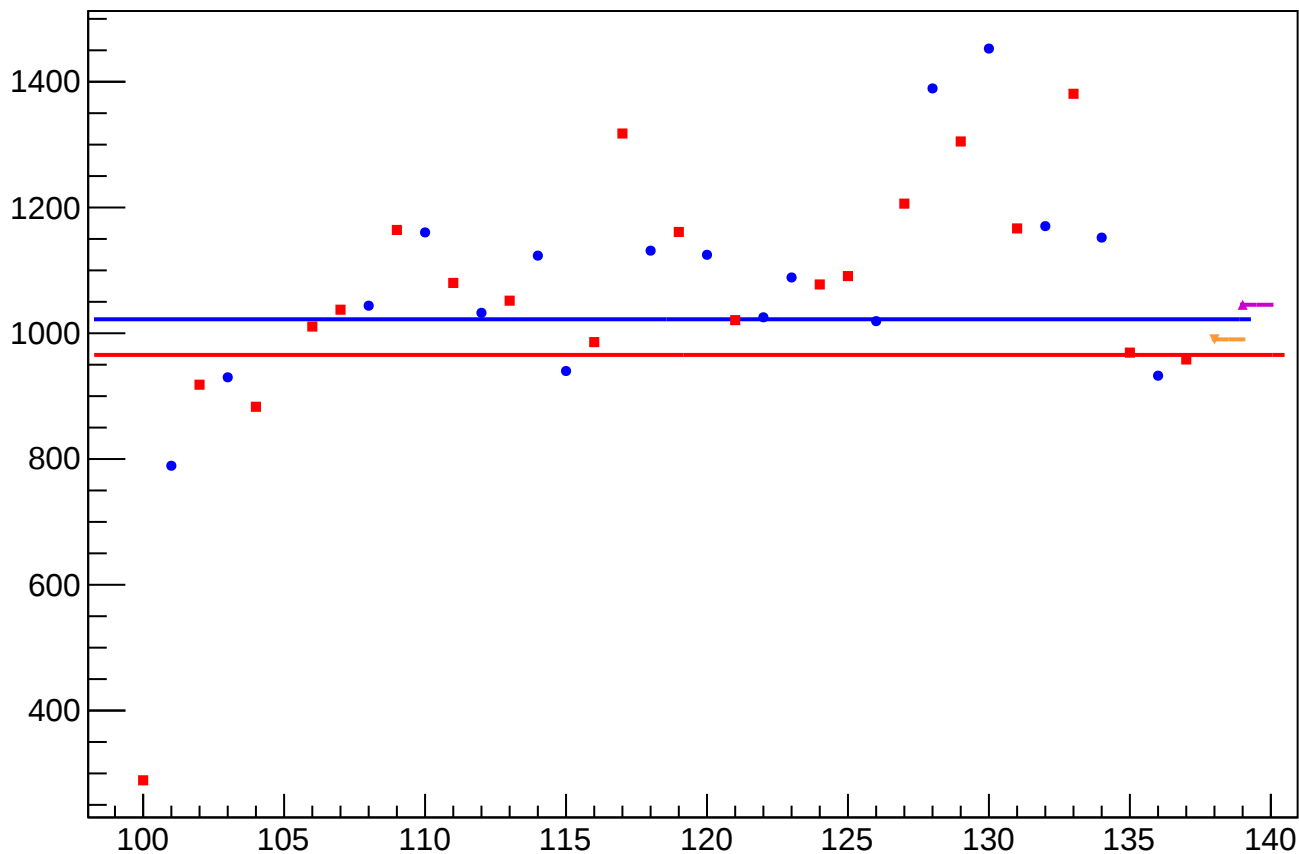
Right Out: -1314.562+/-375.381 χ^2/NDF : 12.9/19

Left In: -1771.660+/-1227.358 χ^2/NDF : 0.0/0

1307.875+/-379.839 χ^2/NDF : 22.3/17

-1353.662+/-358.967 χ^2/NDF : 13.0/20

asym_right_dd_rms vs Slug



Right In: 1022.241 ± 0.284 χ^2/NDF : 331865.9/16

Left Out: 990.284 ± 0.820 χ^2/NDF : 0.0/0

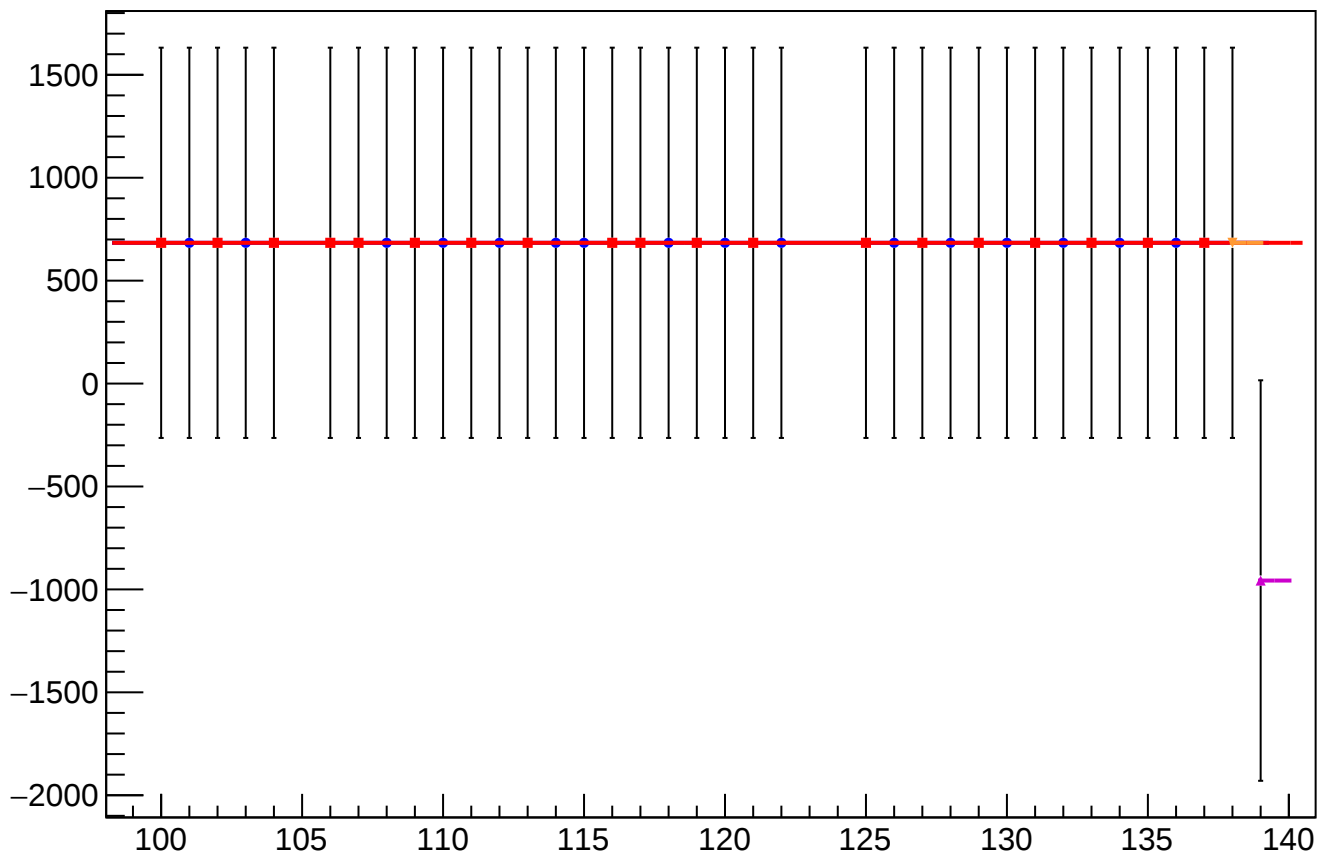
Right Out: 965.574 ± 0.265 χ^2/NDF : 1073497.1/19

Left In: 1045.328 ± 0.868 χ^2/NDF : 0.0/0

1018.814 ± 0.269 χ^2/NDF : 333221.4/17

972.396 ± 0.254 χ^2/NDF : 1081219.6/20

cor_asym_us_avg_mean vs Slug



Right In: 683.821 $\pm$ 237.011 χ^2 /NDF: 0.0/15

Left Out: 683.821 $\pm$ 948.043 χ^2 /NDF:0.0/0

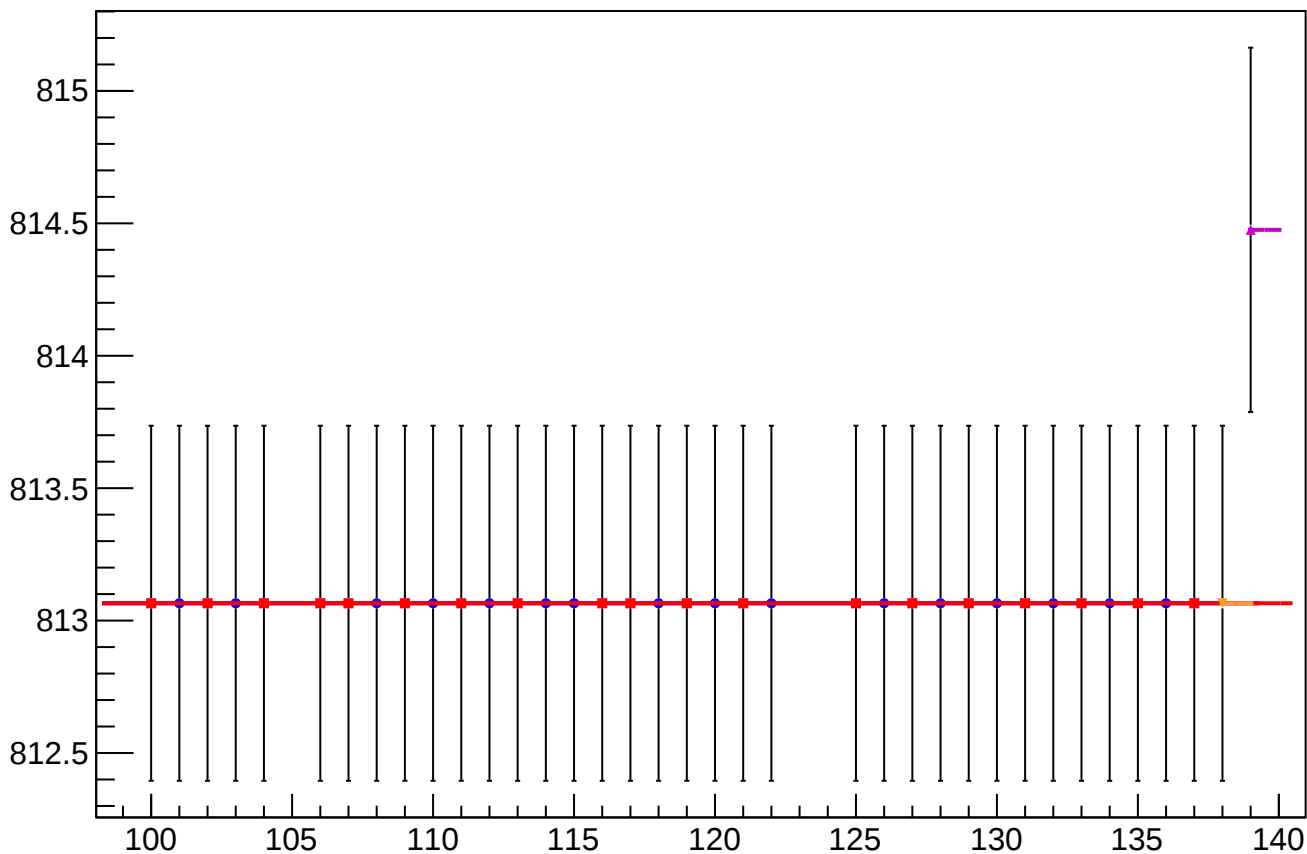
Right Out: 683.821 $\pm$ 217.496 χ^2 /NDF: 0.0/18

Left In: -956.987 $\pm$ 972.849 χ^2 /NDF:0.0/0

683.821 $\pm$ 229.934 χ^2 /NDF: 0.0/16

605.715 $\pm$ 212.256 χ^2 /NDF: 2.7/19

cor_asym_us_avg_rms vs Slug



Right In: 813.065 ± 0.168 χ^2/NDF : 0.0/15

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

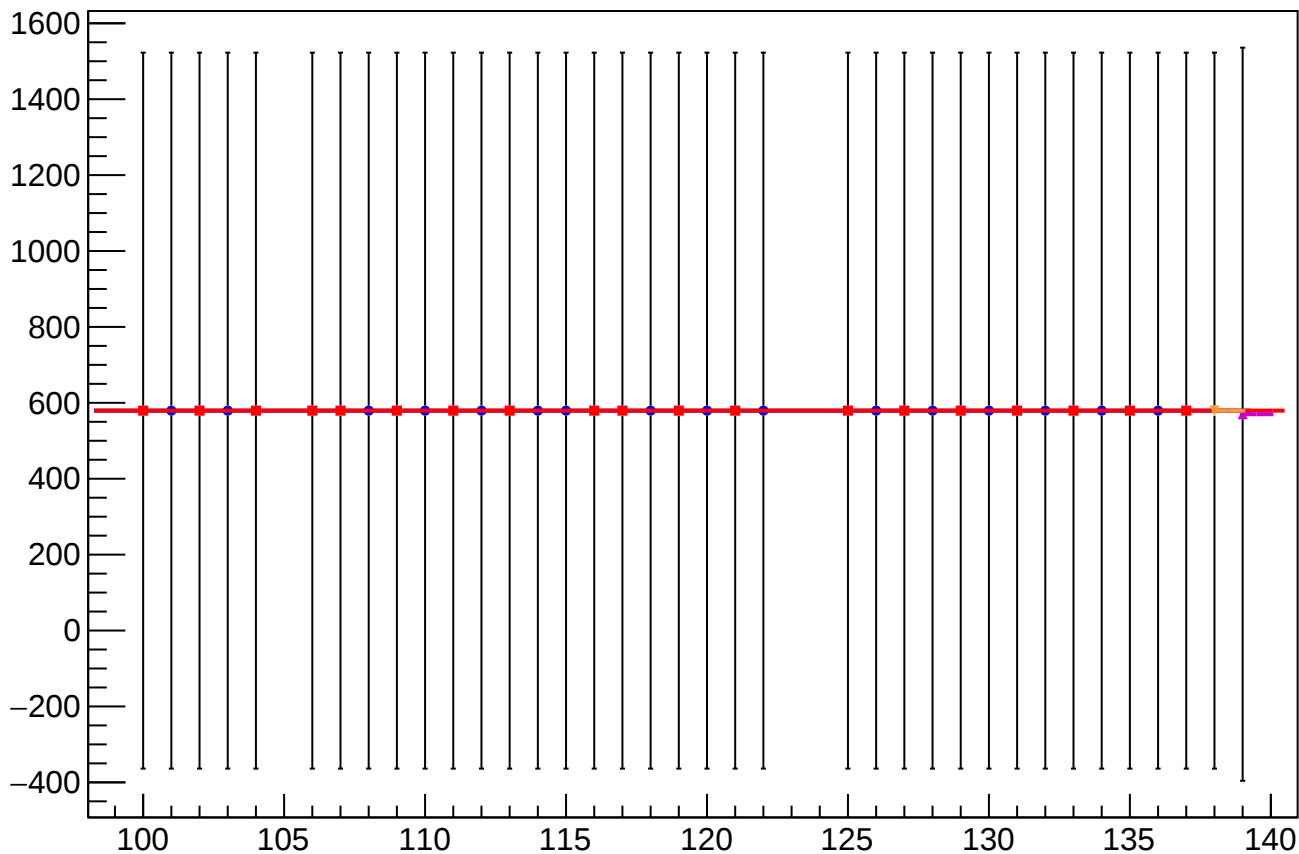
Right Out: 813.065 ± 0.154 χ^2/NDF : 0.0/18

Left In: 814.475 ± 0.688 χ^2/NDF : 0.0/0

813.065 ± 0.163 χ^2/NDF : 0.0/16

813.133 ± 0.150 χ^2/NDF : 4.0/19

cor_asym_us_dd_mean vs Slug



Right In: 579.419 $\pm$ 235.812 χ^2 /NDF: 0.0/15

Left Out: 579.419 $\pm$ 943.249 χ^2 /NDF: 0.0/0

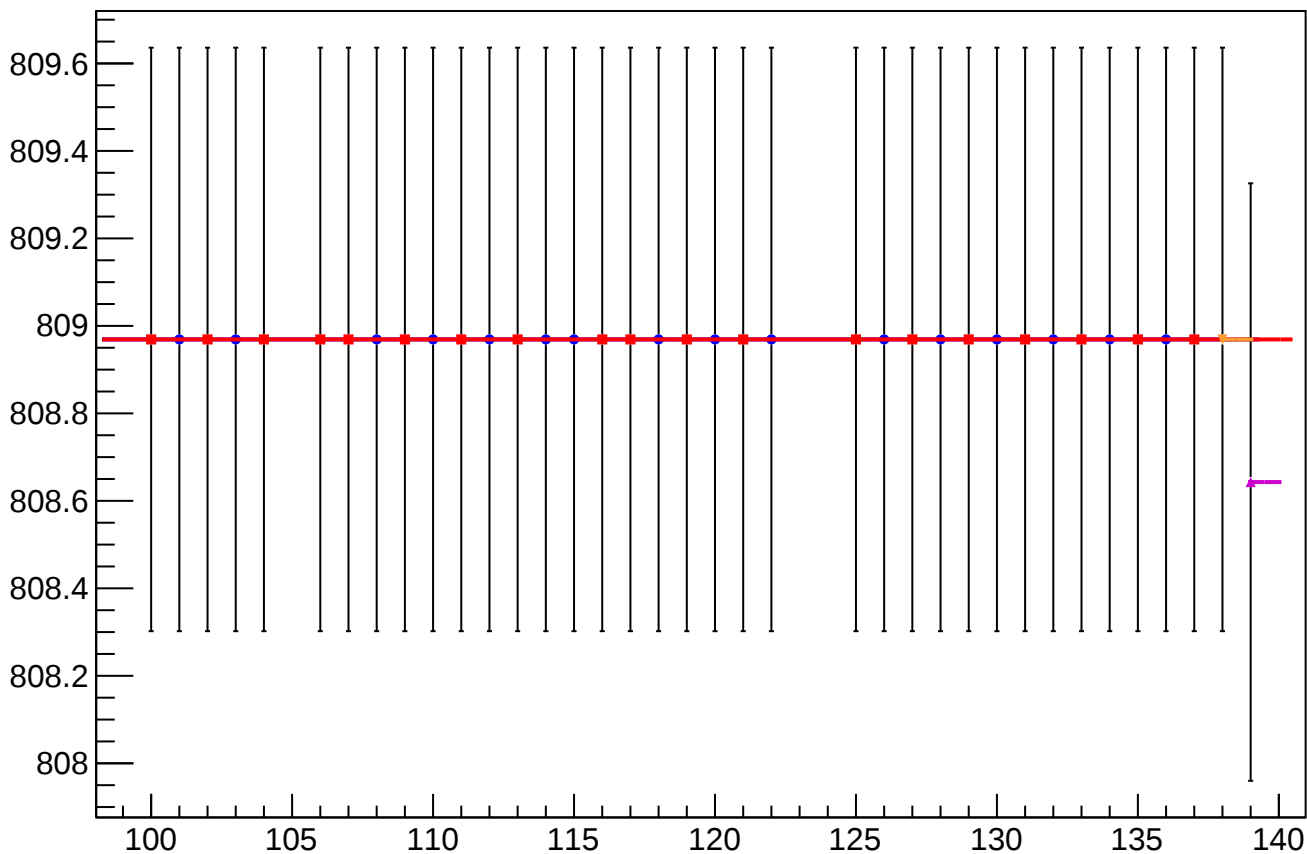
Right Out: 579.419 $\pm$ 216.396 χ^2 /NDF: 0.0/18

Left In: 569.933 $\pm$ 965.829 χ^2 /NDF: 0.0/0

579.419 $\pm$ 228.771 χ^2 /NDF: 0.0/16

578.966 $\pm$ 211.161 χ^2 /NDF: 0.0/19

cor_asym_us_dd_rms vs Slug



Right In: 808.969 $\pm$ 0.167 χ^2/NDF : 0.0/15

Left Out: 808.969 $\pm$ 0.667 χ^2/NDF : 0.0/0

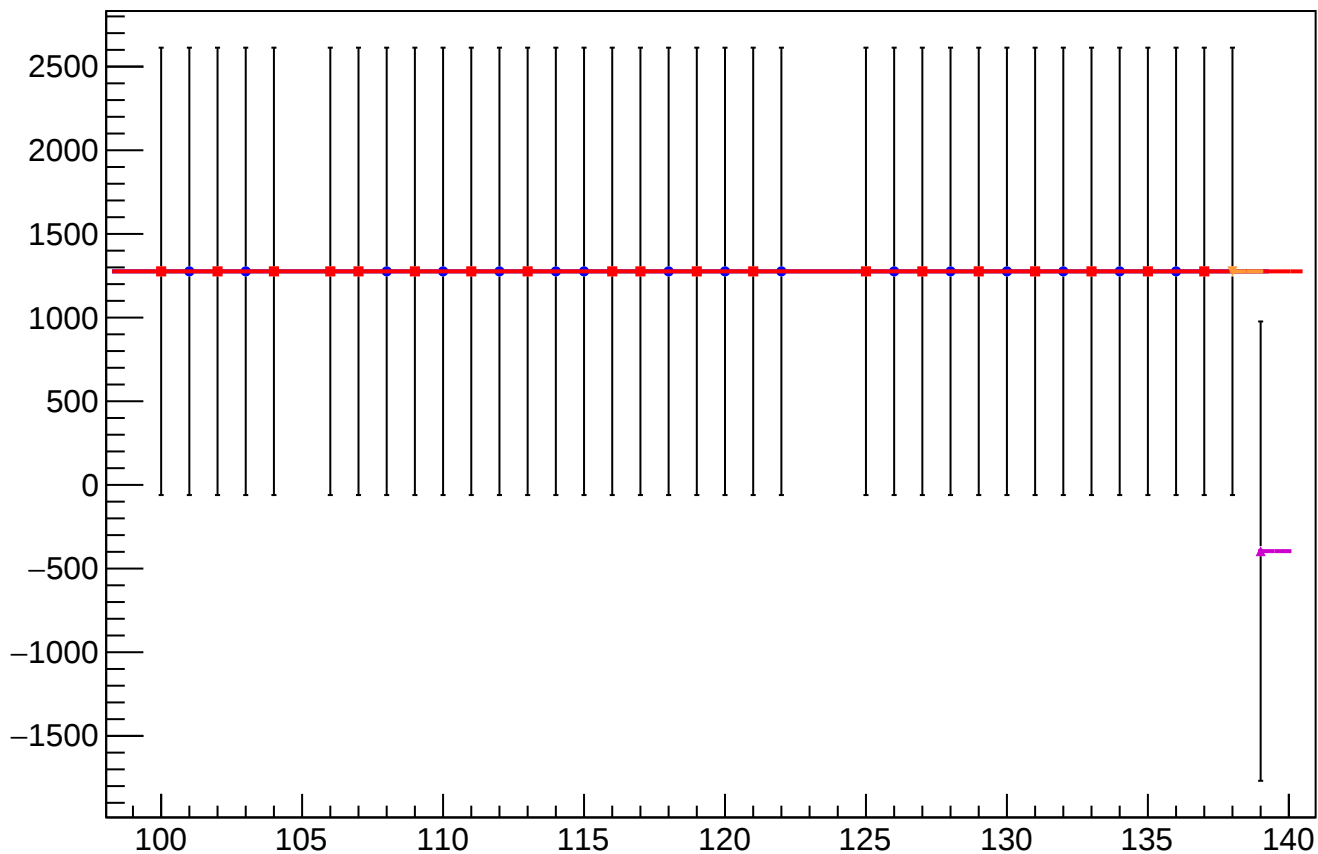
Right Out: 808.969 $\pm$ 0.153 χ^2/NDF : 0.0/18

Left In: 808.643 $\pm$ 0.683 χ^2/NDF : 0.0/0

808.969 $\pm$ 0.162 χ^2/NDF : 0.0/16

808.953 $\pm$ 0.149 χ^2/NDF : 0.2/19

cor_asym_usl_mean vs Slug



Right In: 1276.244+/-334.229 χ^2/NDF : 0.0/15

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

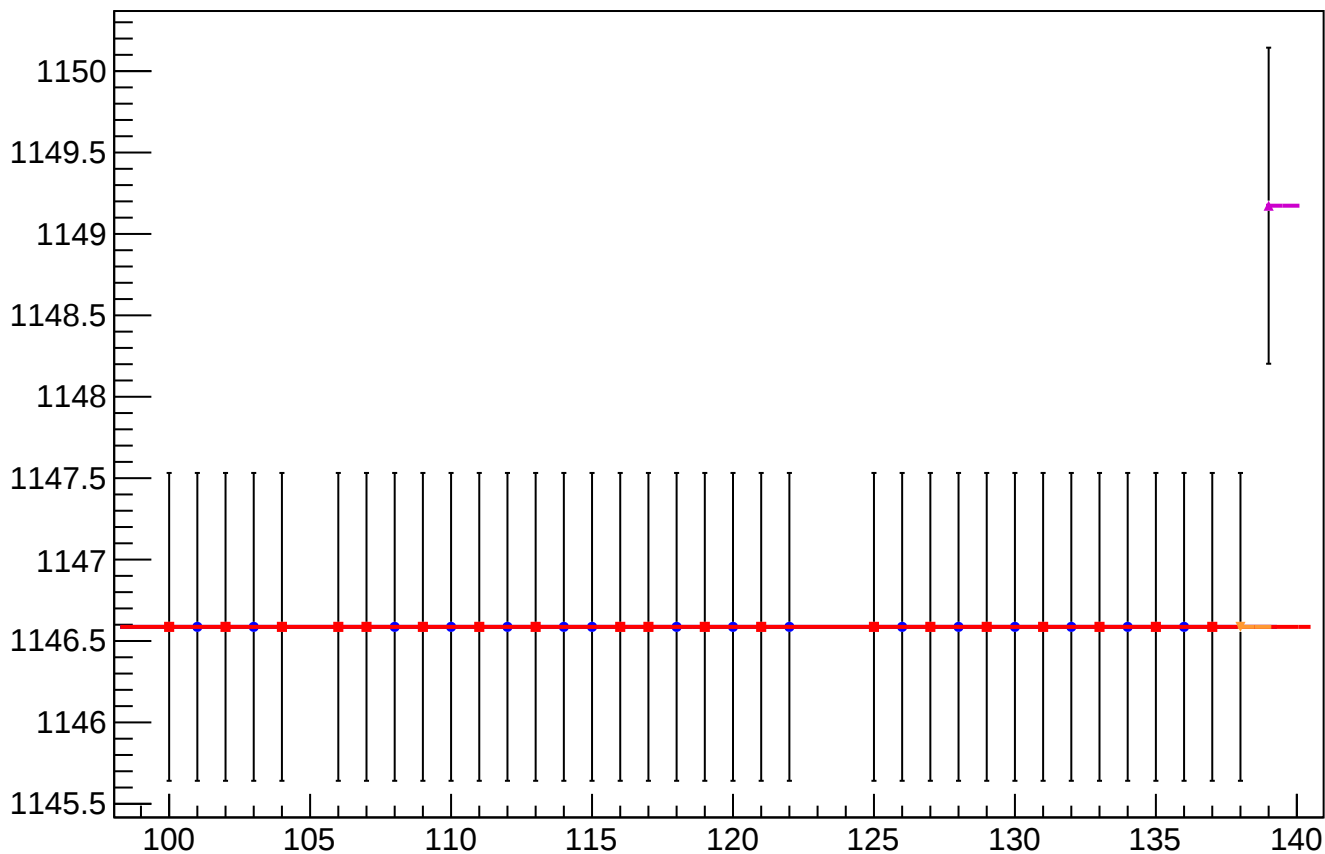
Right Out: 1276.244+/-306.710 χ^2/NDF : 0.0/18

Left In: -395.771+/-1372.589 χ^2/NDF : 0.0/0

1276.244+/-324.250 χ^2/NDF : 0.0/16

1196.728+/-299.328 χ^2/NDF : 1.4/19

cor_asym_usl_rms vs Slug



Right In: 1146.587 $\pm$ 0.236 χ^2 /NDF: 0.0/15

Left Out: 1146.587 $\pm$ 0.945 χ^2 /NDF: 0.0/0

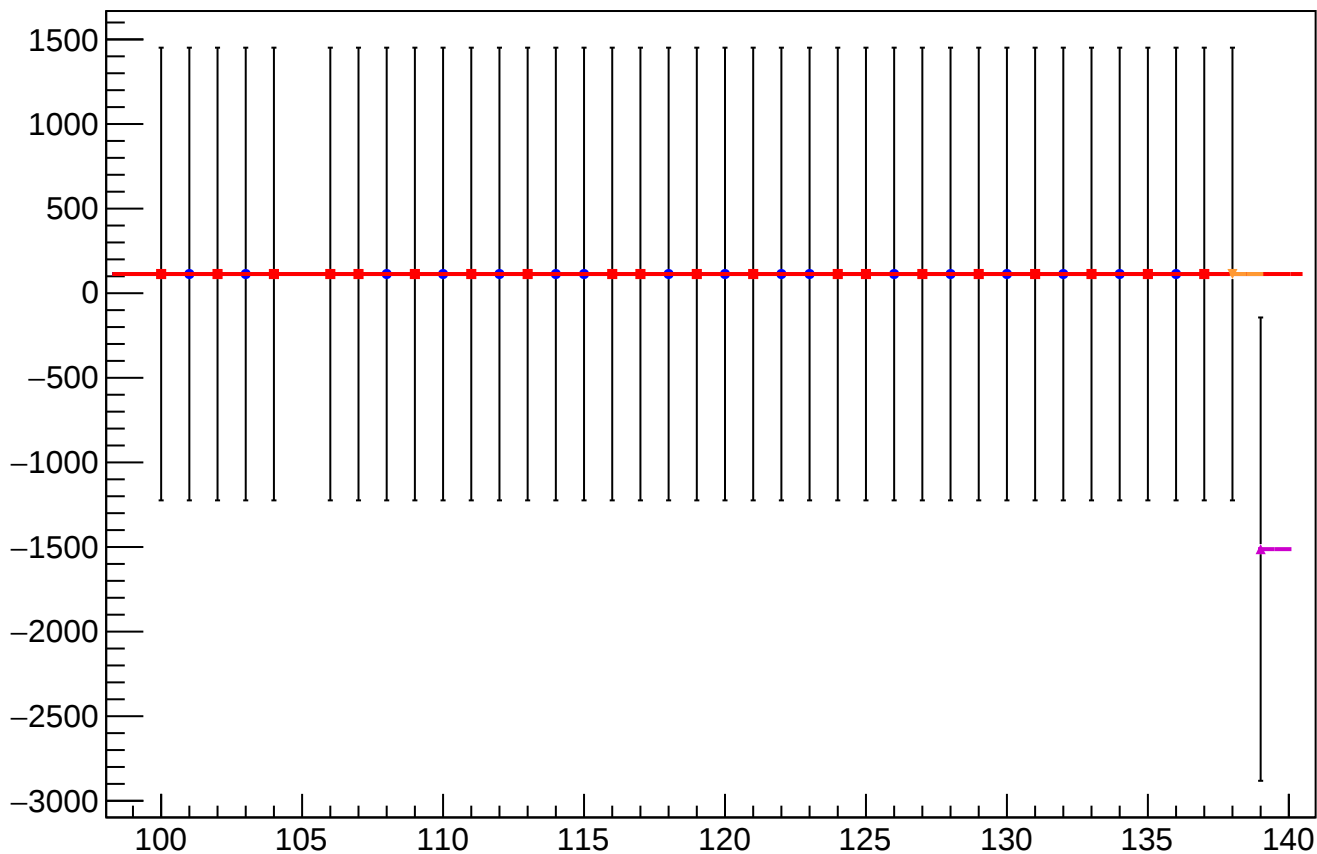
Right Out: 1146.587 $\pm$ 0.217 χ^2 /NDF: 0.0/18

Left In: 1149.173 $\pm$ 0.971 χ^2 /NDF: 0.0/0

1146.587 $\pm$ 0.229 χ^2 /NDF: 0.0/16

1146.710 $\pm$ 0.212 χ^2 /NDF: 6.8/19

cor_asym_usr_mean vs Slug



Right In: 113.423+/-324.462 χ^2/NDF : 0.0/16

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

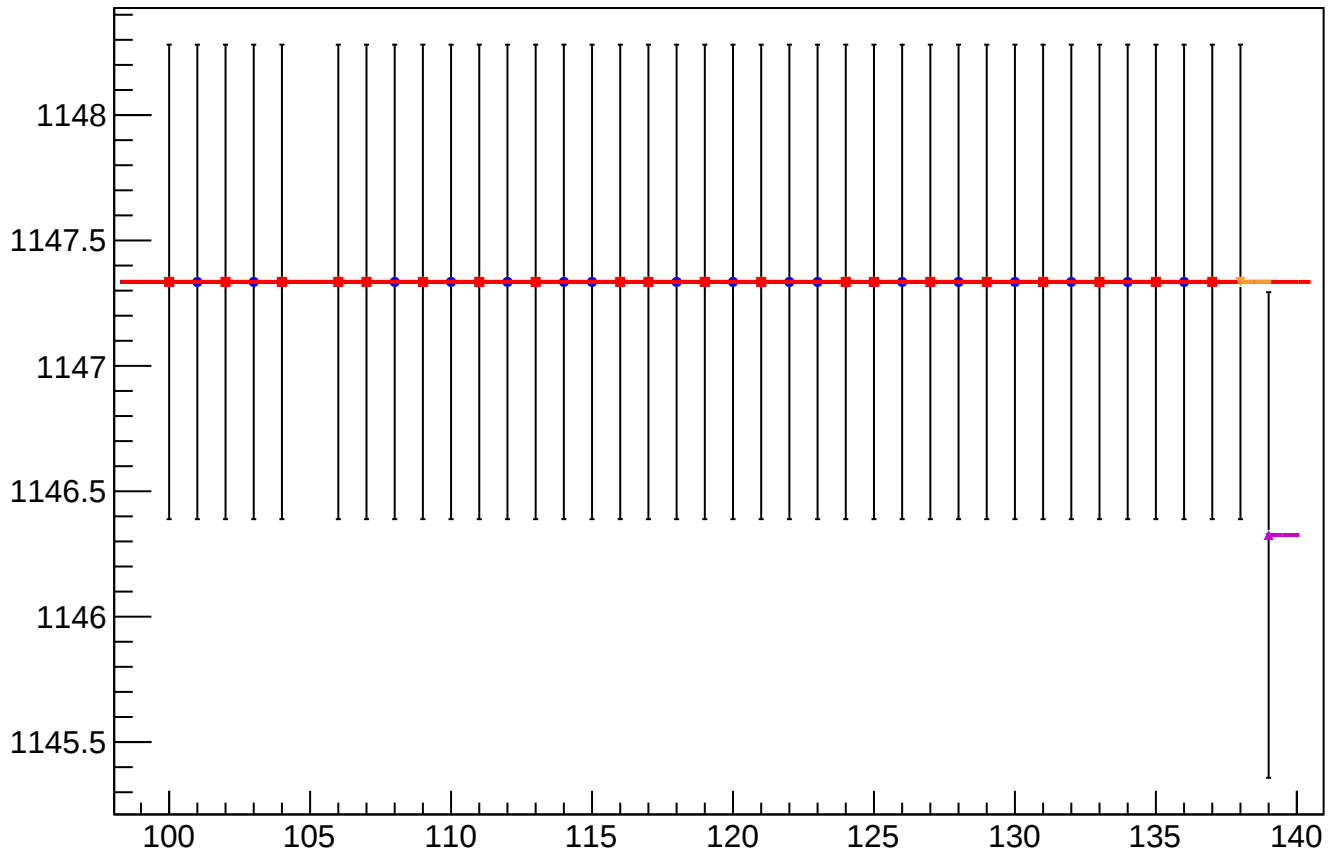
Right Out: 113.423+/-299.140 χ^2/NDF : 0.0/19

Left In: -1512.548+/-1369.181 χ^2/NDF : 0.0/0

113.423+/-315.321 χ^2/NDF : 0.0/17

39.345+/-292.246 χ^2/NDF : 1.3/20

cor_asym_usr_rms vs Slug



Right In: 1147.335 $\pm$ 0.229 χ^2 /NDF: 0.0/16

Left Out: 1147.335 $\pm$ 0.946 χ^2 /NDF: 0.0/0

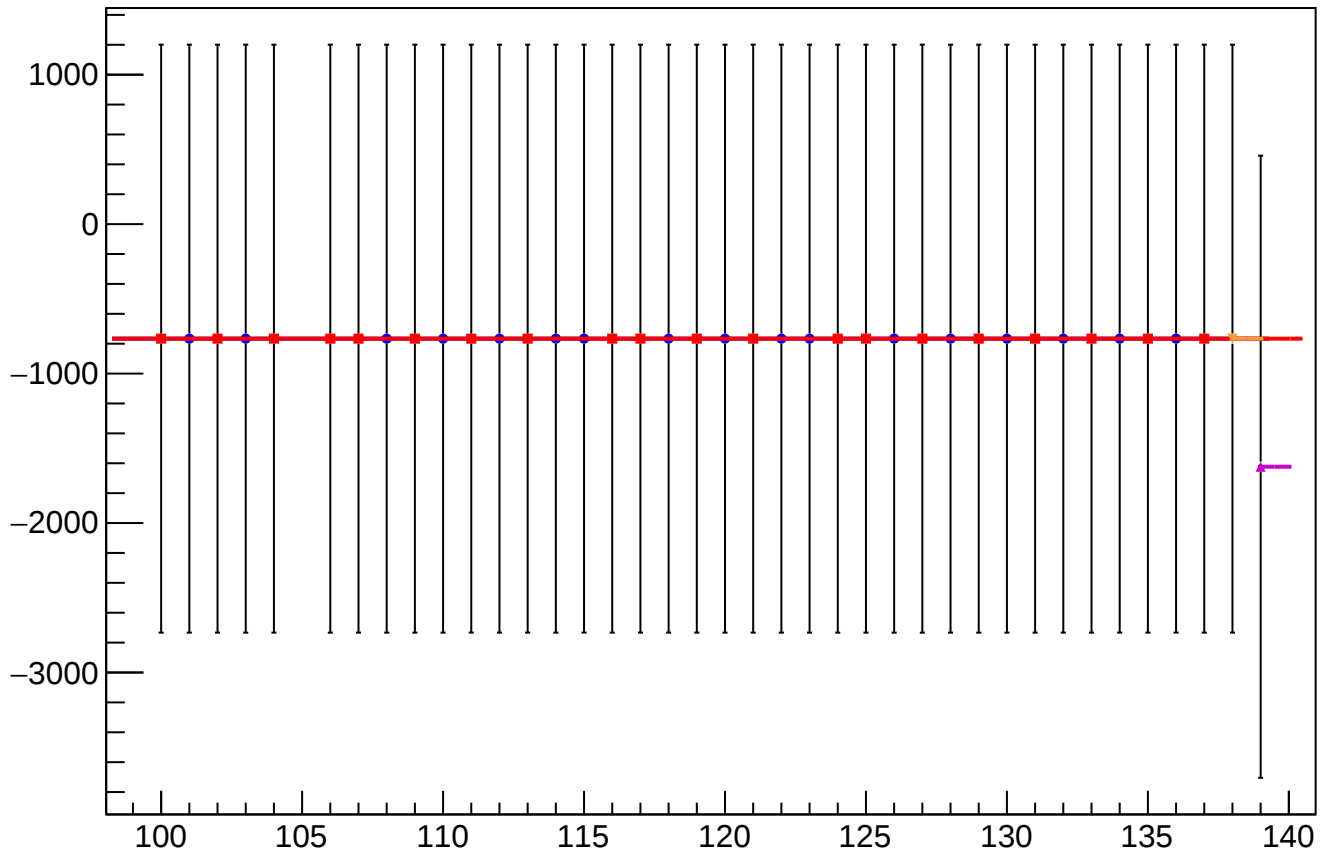
Right Out: 1147.335 $\pm$ 0.212 χ^2 /NDF: 0.0/19

Left In: 1146.326 $\pm$ 0.968 χ^2 /NDF: 0.0/0

1147.335 $\pm$ 0.223 χ^2 /NDF: 0.0/17

1147.289 $\pm$ 0.207 χ^2 /NDF: 1.0/20

asym_us_agg_avg_mean vs Slug



Right In: -766.254+/-477.068 χ^2/NDF : 0.0/16

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

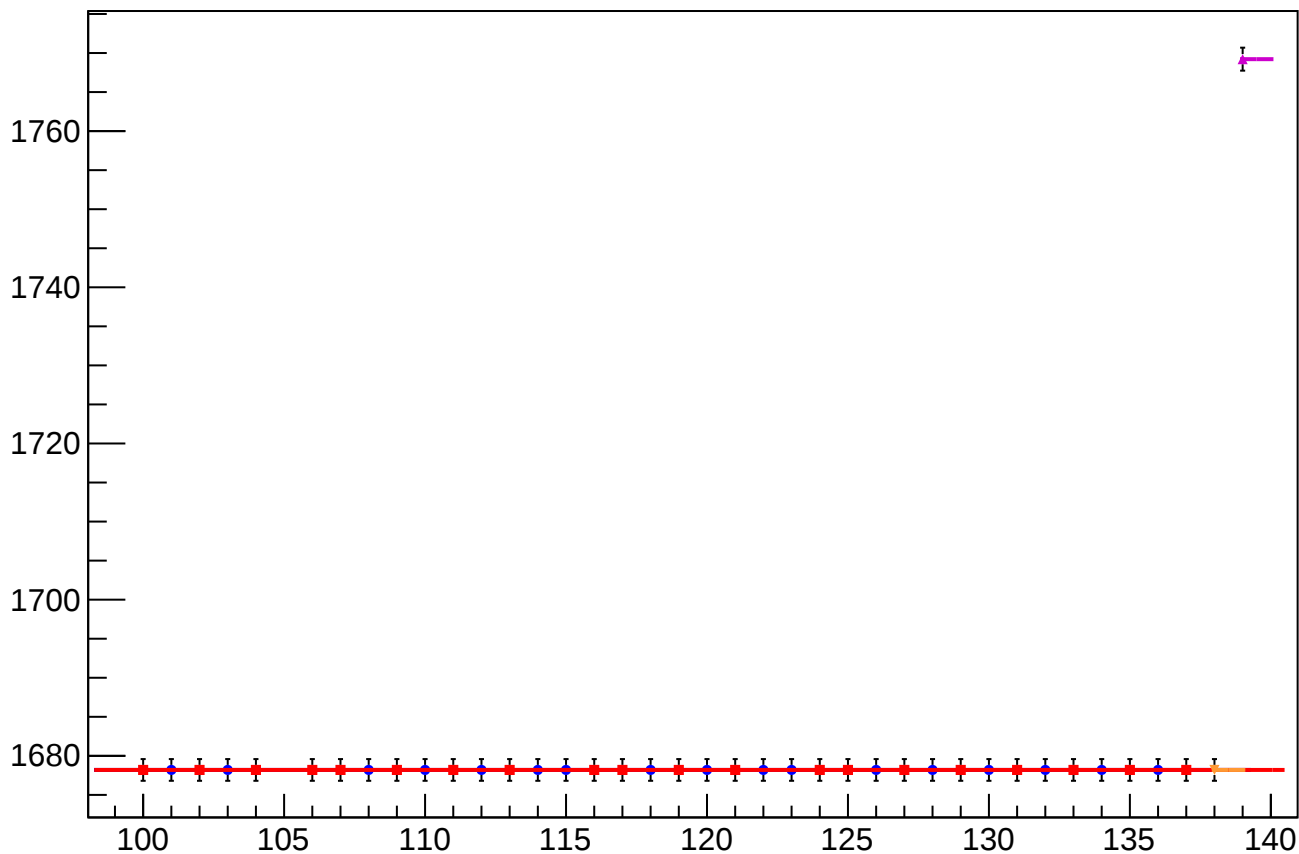
Right Out: -766.254+/-439.835 χ^2/NDF : 0.0/19

Left In: -1623.244+/-2081.283 χ^2/NDF : 0.0/0

-766.254+/-463.627 χ^2/NDF : 0.0/17

-802.891+/-430.330 χ^2/NDF : 0.2/20

asym_us_agg_avg_rms vs Slug



Right In: 1678.197 $\pm$ 0.337 χ^2 /NDF: 0.0/16

Left Out: 1678.197 $\pm$ 1.391 χ^2 /NDF: 0.0/0

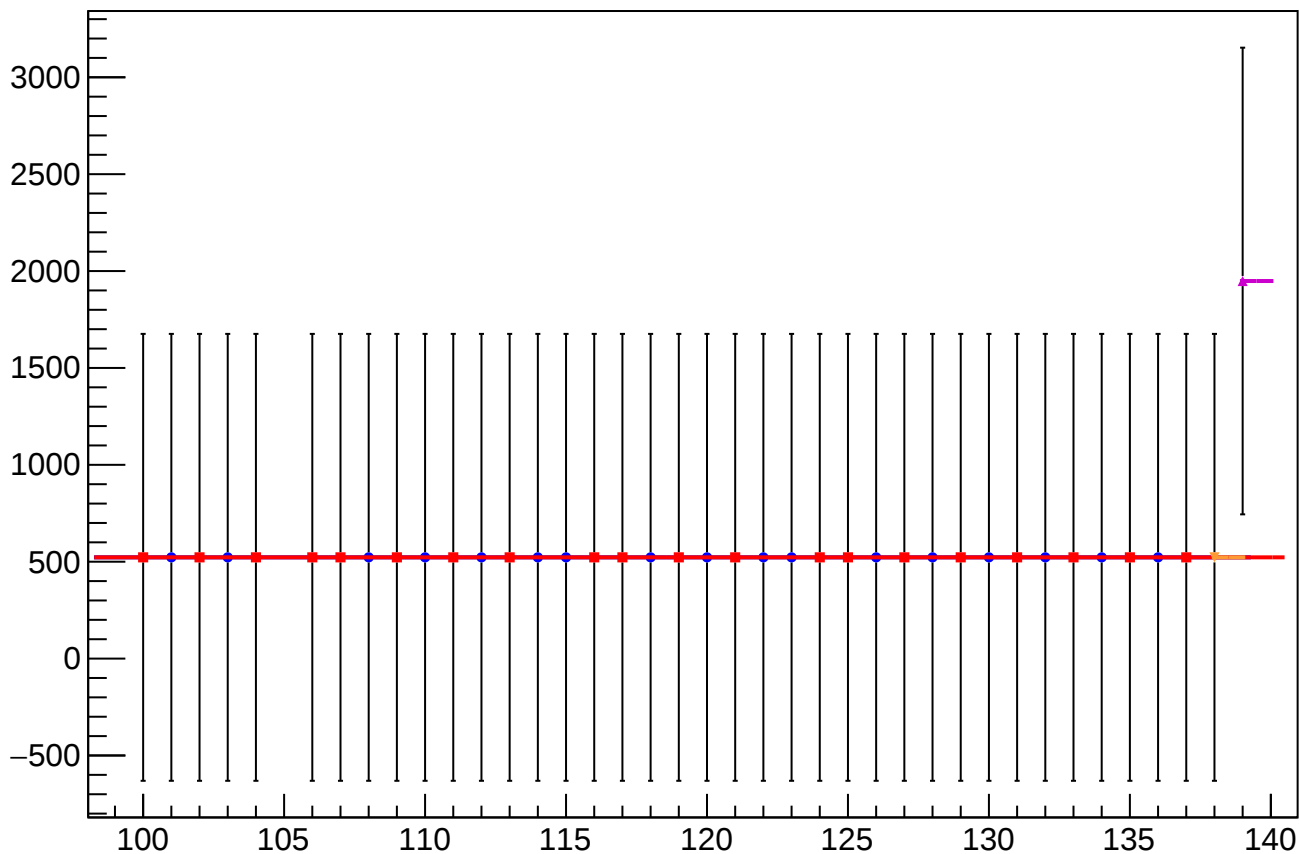
Right Out: 1678.197 $\pm$ 0.311 χ^2 /NDF: 0.0/19

Left In: 1769.214 $\pm$ 1.472 χ^2 /NDF: 0.0/0

1678.197 $\pm$ 0.328 χ^2 /NDF: 0.0/17

1682.088 $\pm$ 0.304 χ^2 /NDF: 3661.3/20

asym_us_agg_dd_mean vs Slug



Right In: 522.542 $\pm$ 279.690 χ^2 /NDF: 0.0/16

Left Out: 522.542 $\pm$ 1153.190 χ^2 /NDF: 0.0/0

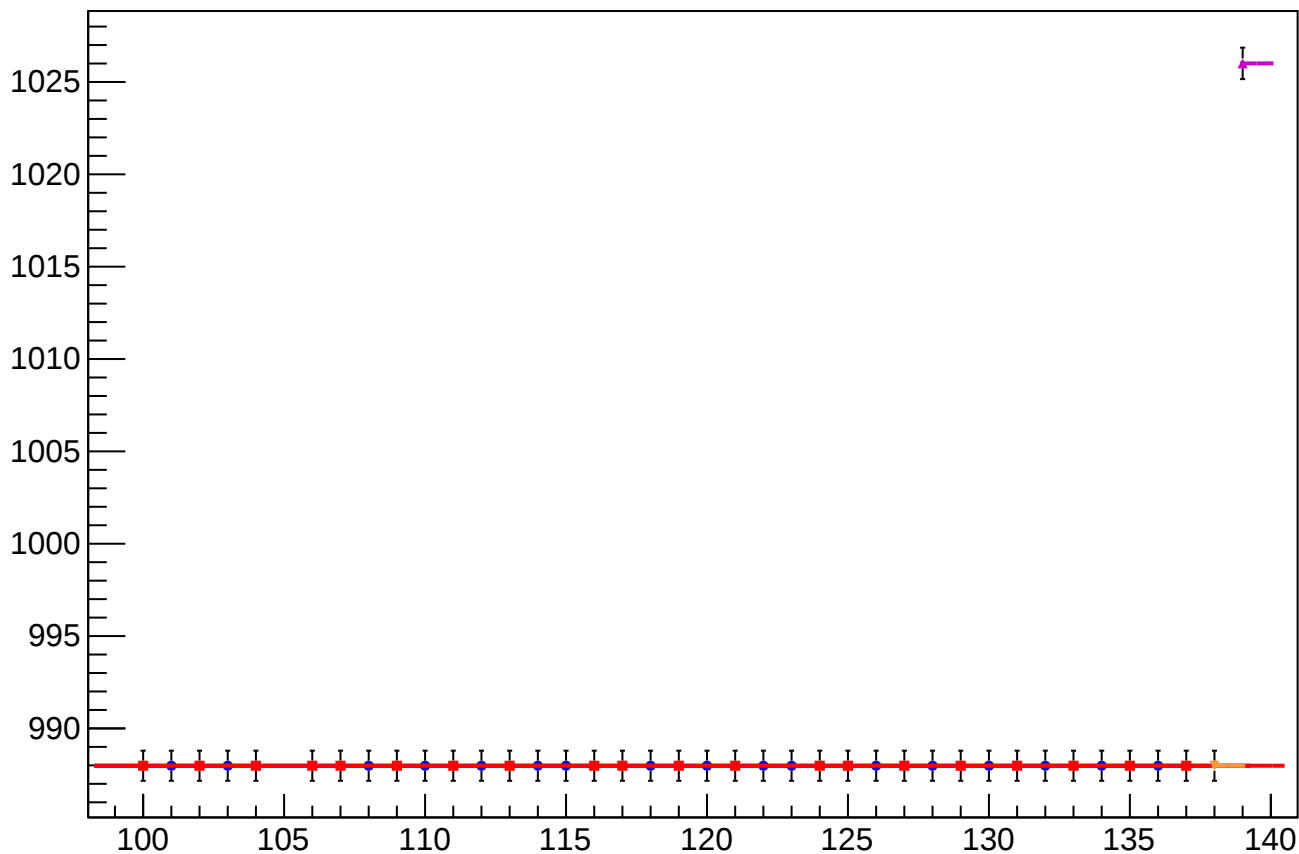
Right Out: 522.542 $\pm$ 257.861 χ^2 /NDF: 0.0/19

Left In: 1948.606 $\pm$ 1204.230 χ^2 /NDF: 0.0/0

522.542 $\pm$ 271.809 χ^2 /NDF: 0.0/17

585.063 $\pm$ 252.145 χ^2 /NDF: 1.3/20

asym_us_agg_dd_rms vs Slug



Right In: 987.980 $\pm$ 0.198 χ^2 /NDF: 0.0/16

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

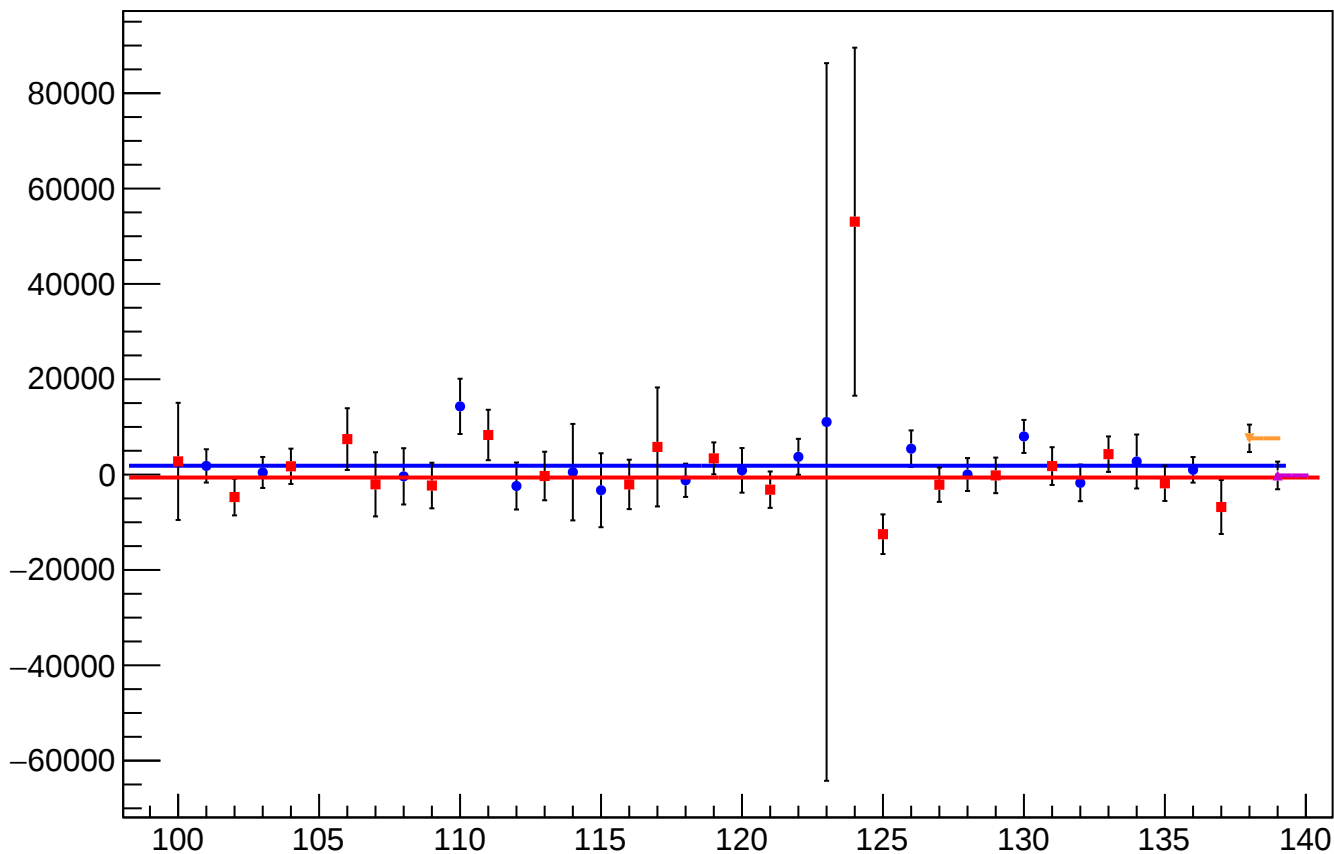
Right Out: 987.980 $\pm$ 0.182 χ^2 /NDF: 0.0/19

Left In: 1026.006 $\pm$ 0.852 χ^2 /NDF: 0.0/0

987.980 $\pm$ 0.192 χ^2 /NDF: 0.0/17

989.647 $\pm$ 0.178 χ^2 /NDF: 1906.9/20

reg_asym_atl1_mean vs Slug



Right In: 1859.767+/-1013.438 χ^2/NDF : 12.5/16

Left Out: 7606.033+/-2877.646 χ^2/NDF : 0.0/0

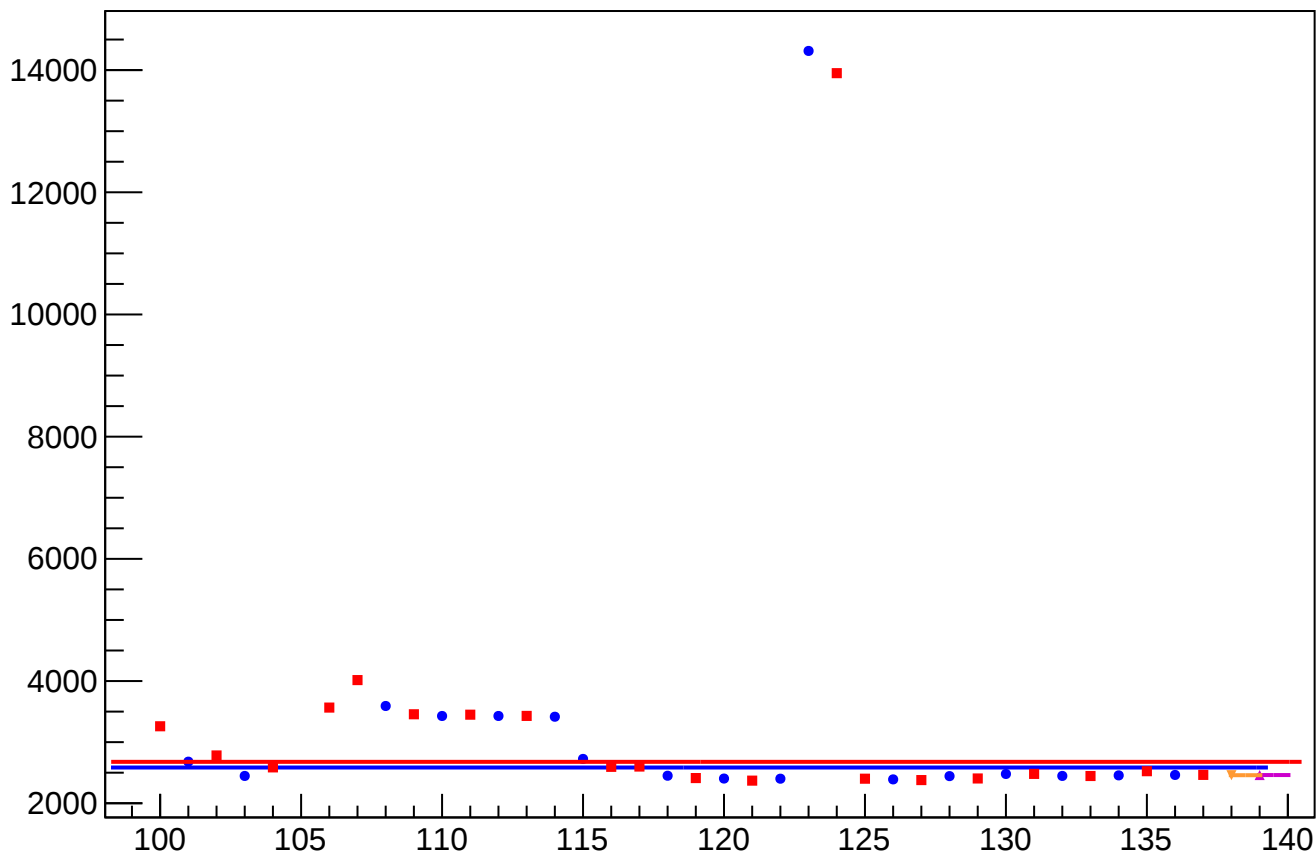
Right Out: -611.041+/-1020.345 χ^2/NDF : 22.3/19

Left In: -173.803+/-2899.724 χ^2/NDF : 0.0/0

2493.823+/-955.891 χ^2/NDF : 16.1/17

-562.868+/-962.497 χ^2/NDF : 22.4/20

reg_asym_atl1_rms vs Slug



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

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

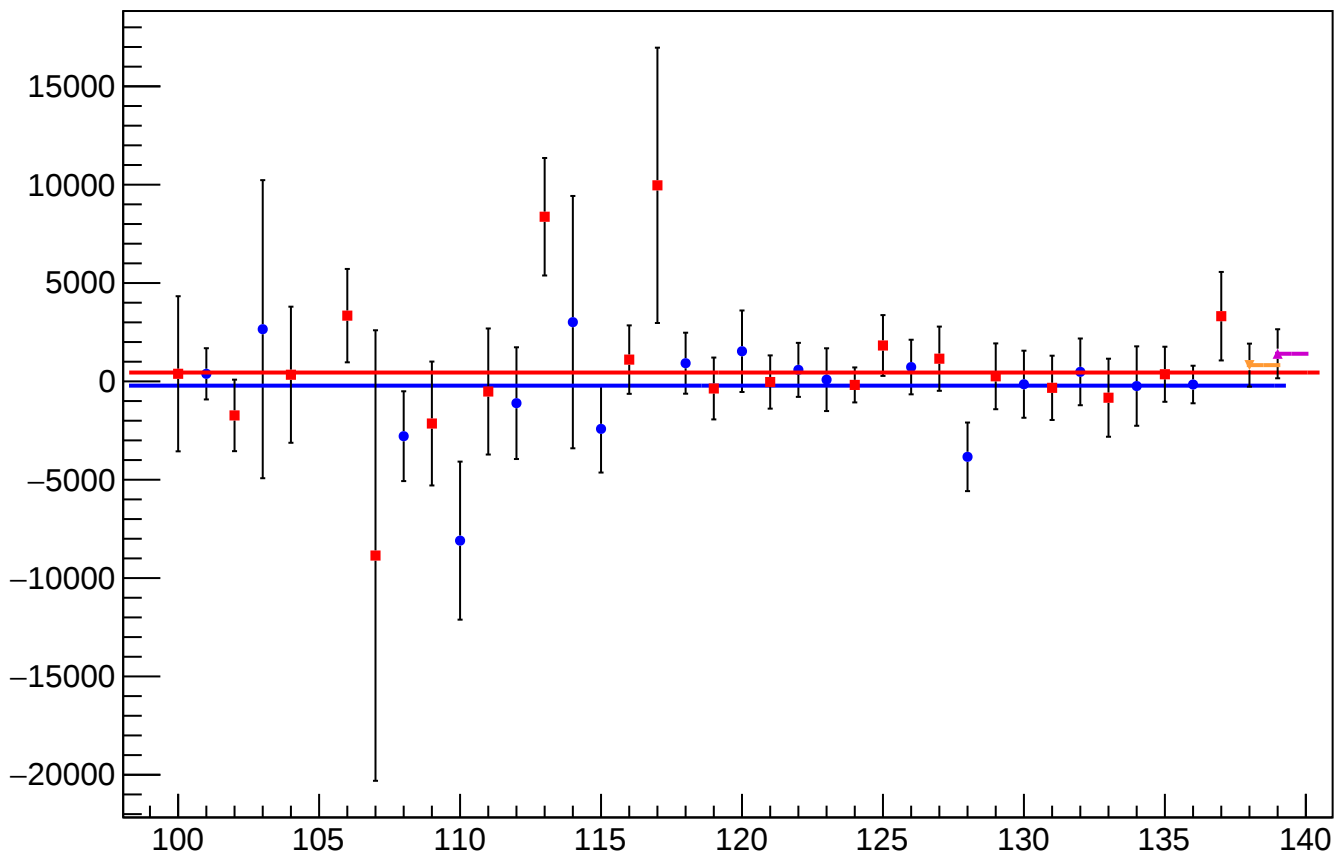
Right Out: 2677.711+/-0.721 χ^2/NDF : 532173.5/19

Left In: 2461.603+/-2.050 χ^2/NDF : 0.0/0

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

2653.901+/-0.681 χ^2/NDF : 542058.1/20

asym_atl1_correction_mean vs Slug



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

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

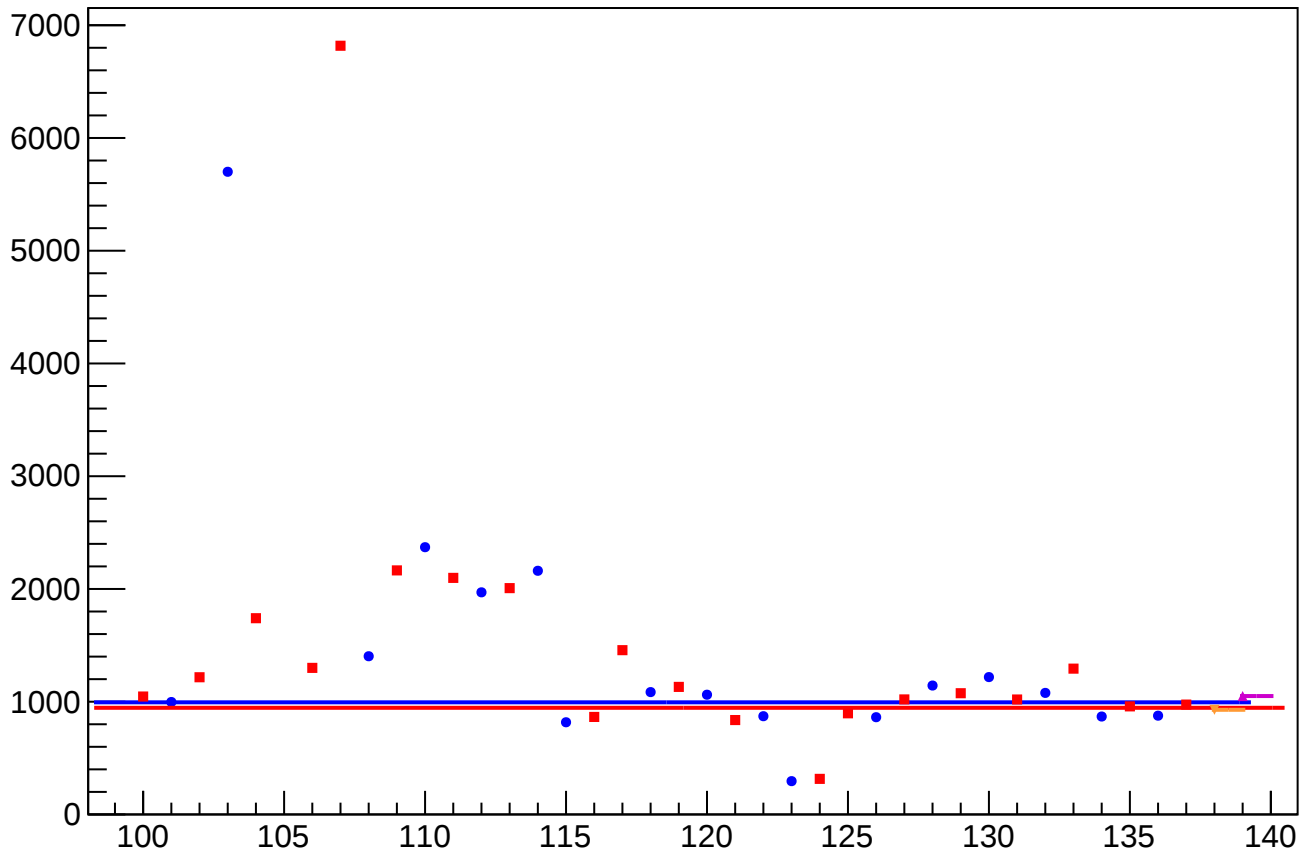
Right Out: 449.702+/-408.279 χ^2/NDF : 17.5/19

Left In: 1404.221+/-1246.418 χ^2/NDF : 0.0/0

-82.652+/-392.095 χ^2/NDF : 14.2/17

542.195+/-387.994 χ^2/NDF : 18.1/20

asym_atl1_correction_rms vs Slug



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

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

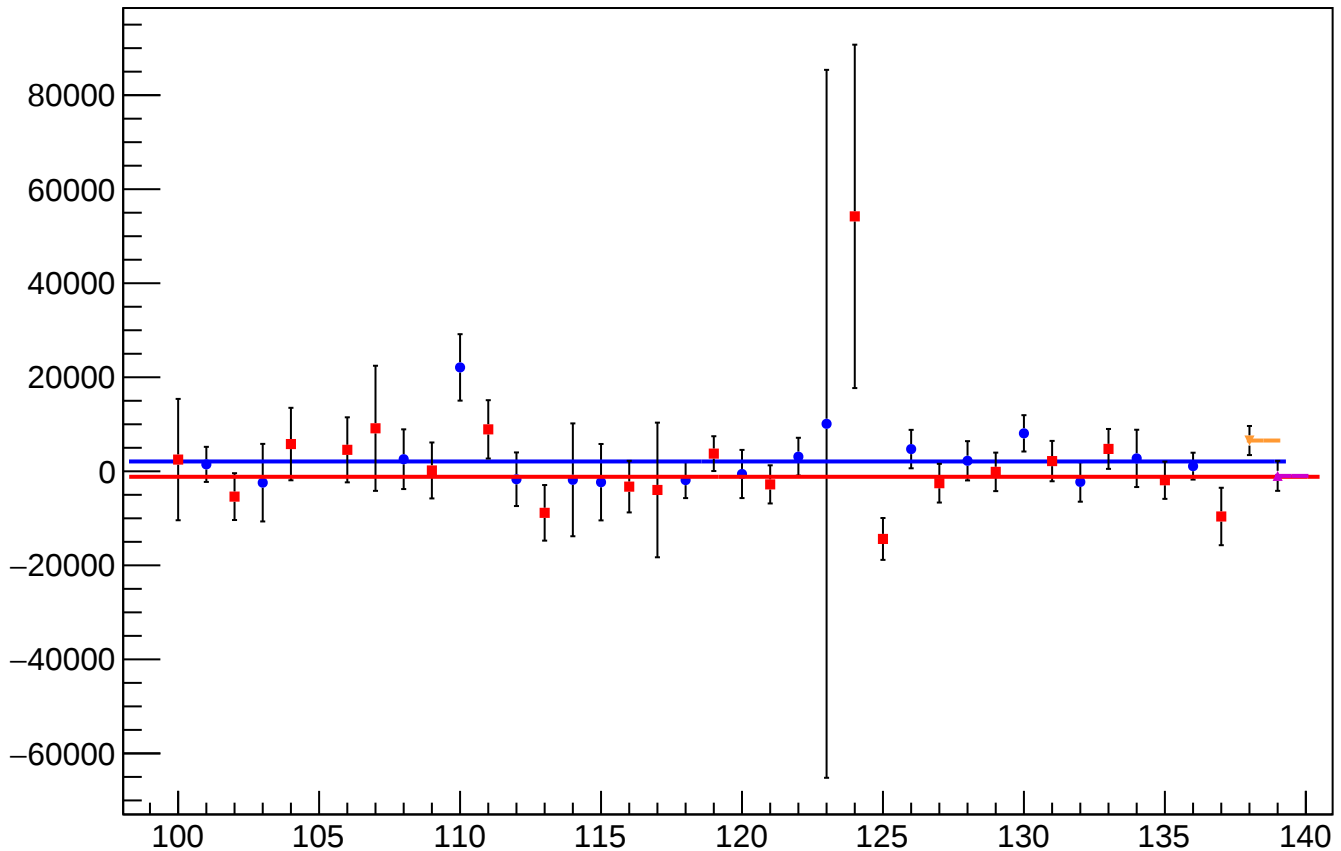
Right Out: 946.032+/-0.289 χ^2/NDF : 2676710.2/19

Left In: 1050.213+/-0.881 χ^2/NDF : 0.0/0

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

956.127+/-0.274 χ^2/NDF : 2689329.1/20

asym_atl1_mean vs Slug



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

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

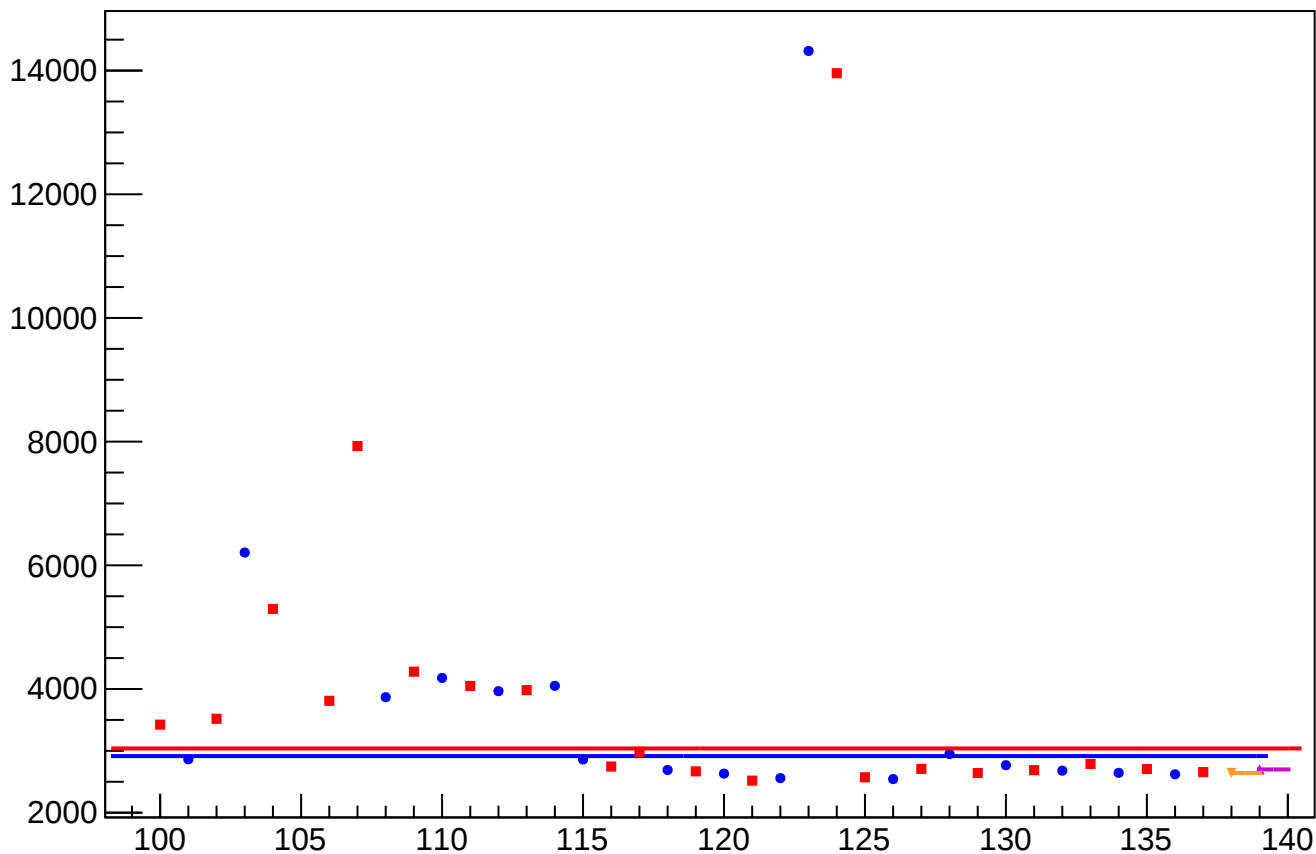
Right Out: -1167.038+/-1182.950 χ^2/NDF : 25.2/19

Left In: -973.896+/-3182.044 χ^2/NDF : 0.0/0

2643.184+/-1086.509 χ^2/NDF : 16.4/17

-1143.587+/-1108.808 χ^2/NDF : 25.2/20

asym_atl1_rms vs Slug



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

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

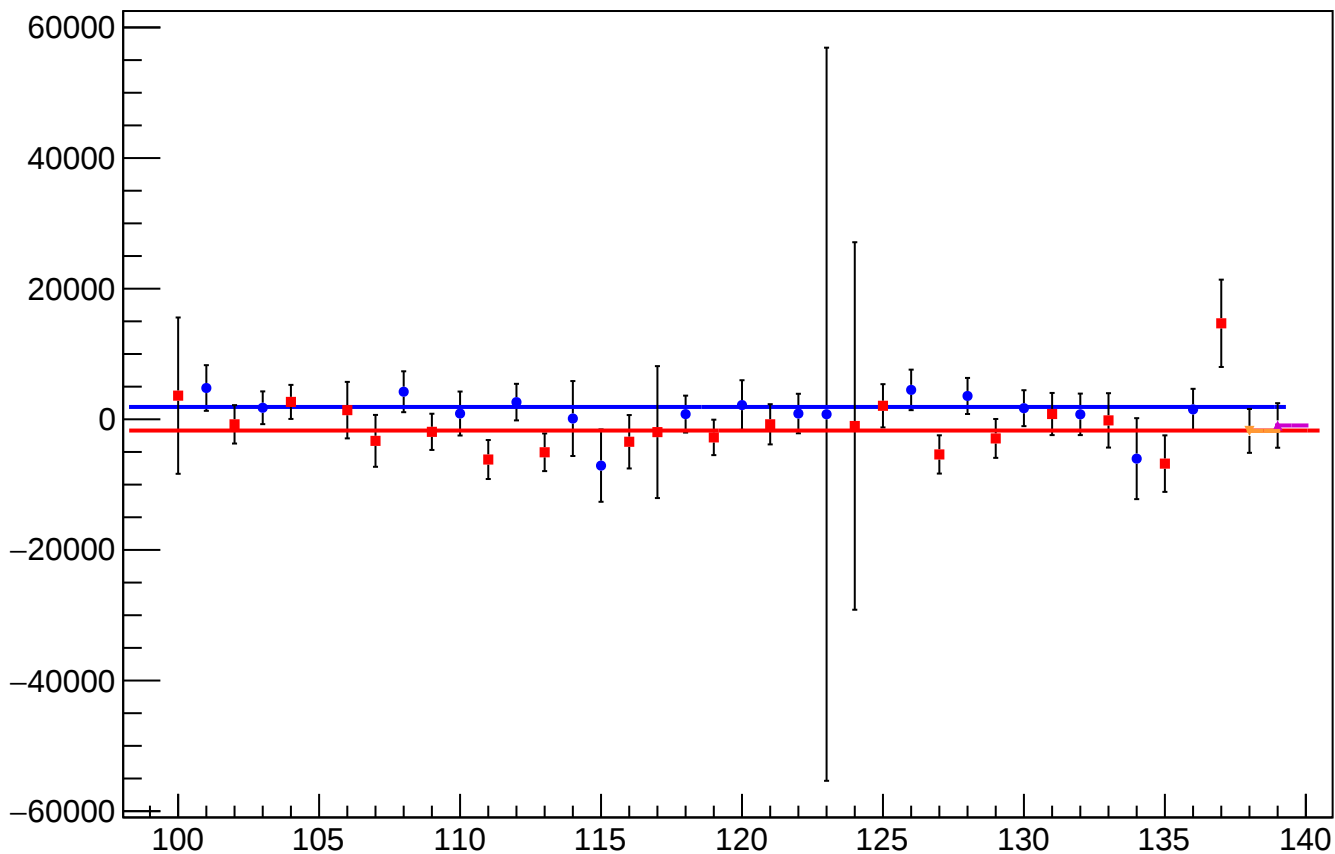
Right Out: 3038.763+/-0.836 χ^2/NDF : 1011412.5/19

Left In: 2699.809+/-2.250 χ^2/NDF : 0.0/0

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

2997.606+/-0.784 χ^2/NDF : 1031350.3/20

reg_asym_atl2_mean vs Slug



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

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

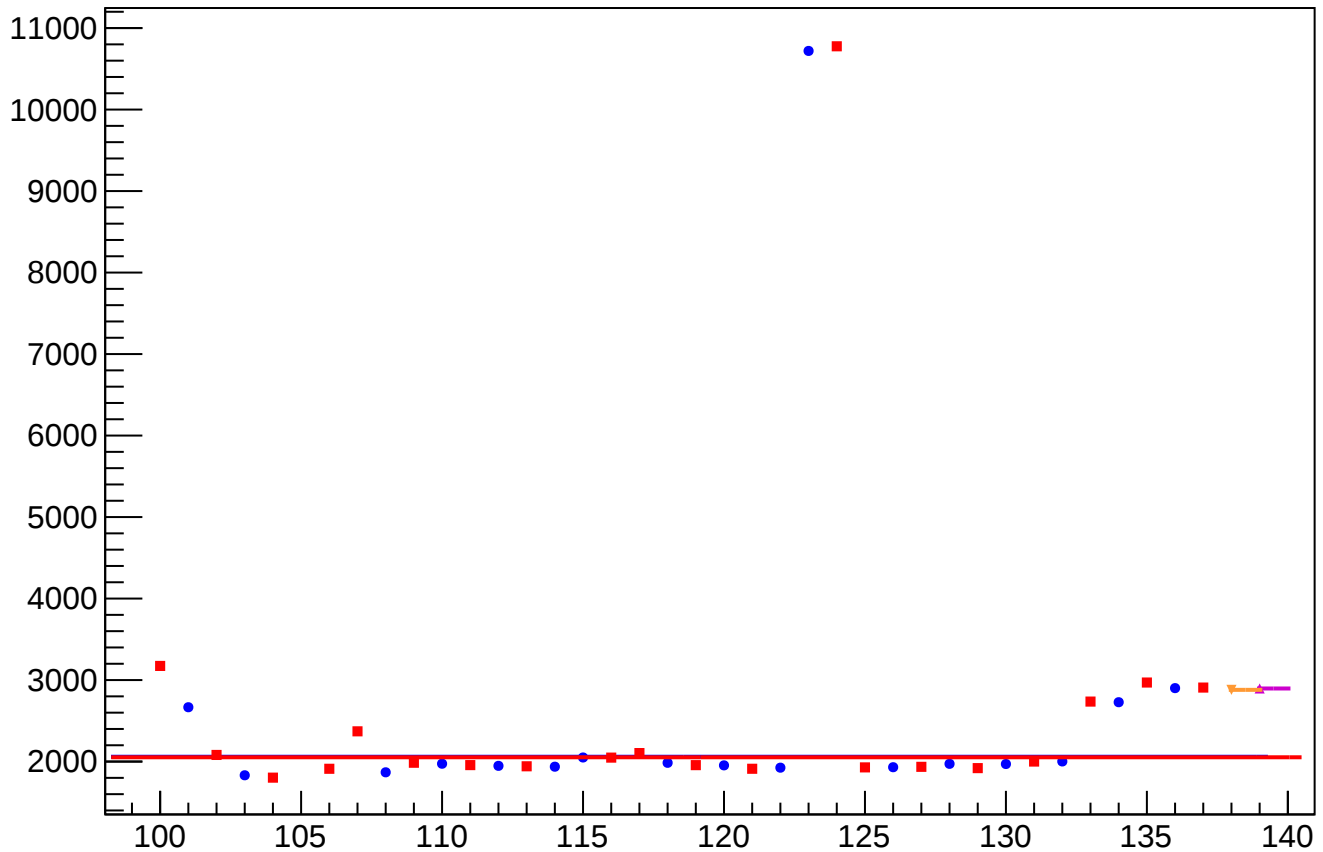
Right Out: -1720.591 $\pm$ 787.704 χ^2 /NDF: 19.0/19

Left In: -942.006 $\pm$ 3412.024 χ^2 /NDF: 0.0/0

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

-1681.195 $\pm$ 767.516 χ^2 /NDF: 19.0/20

reg_asym_atl2_rms vs Slug



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

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

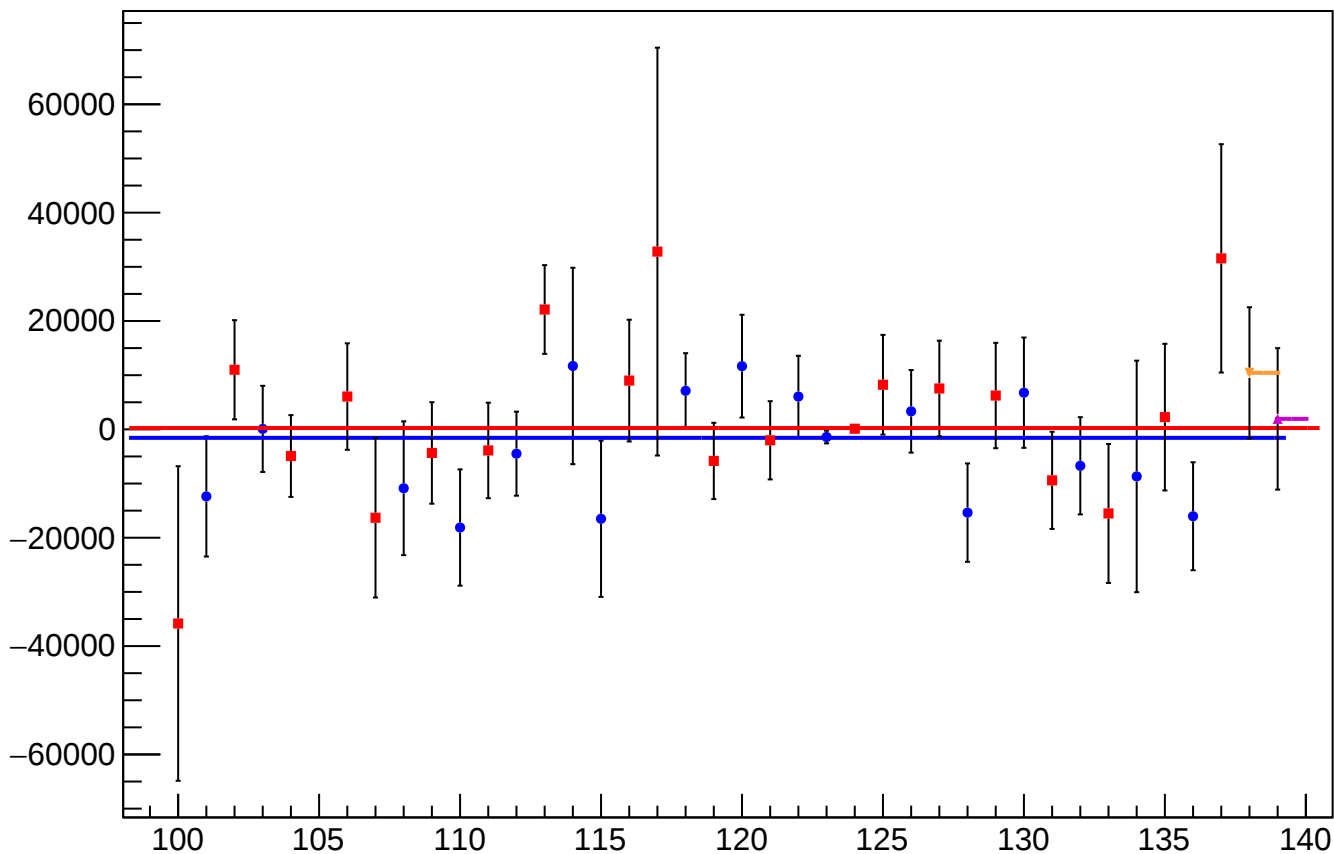
Right Out: 2052.576+/-0.557 χ^2/NDF : 443374.3/19

Left In: 2896.592+/-2.413 χ^2/NDF : 0.0/0

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

2095.283+/-0.543 χ^2/NDF : 559561.1/20

asym_atl2_correction_mean vs Slug



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

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

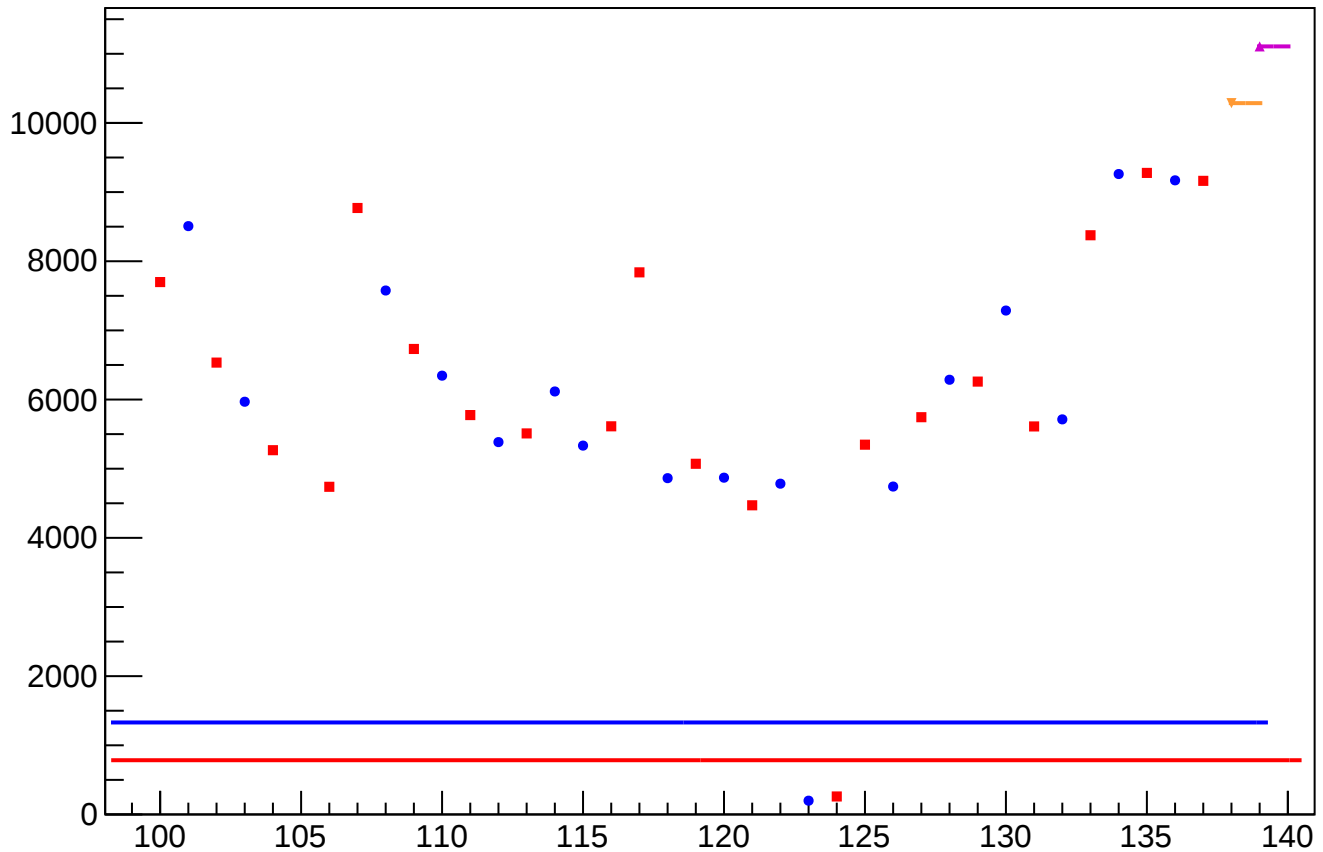
Right Out: 247.306+/-695.049 χ^2 /NDF: 21.6/19

Left In: 1936.851+/-13056.859 χ^2 /NDF: 0.0/0

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

252.080+/-694.066 χ^2 /NDF: 21.6/20

asym_atl2_correction_rms vs Slug



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

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

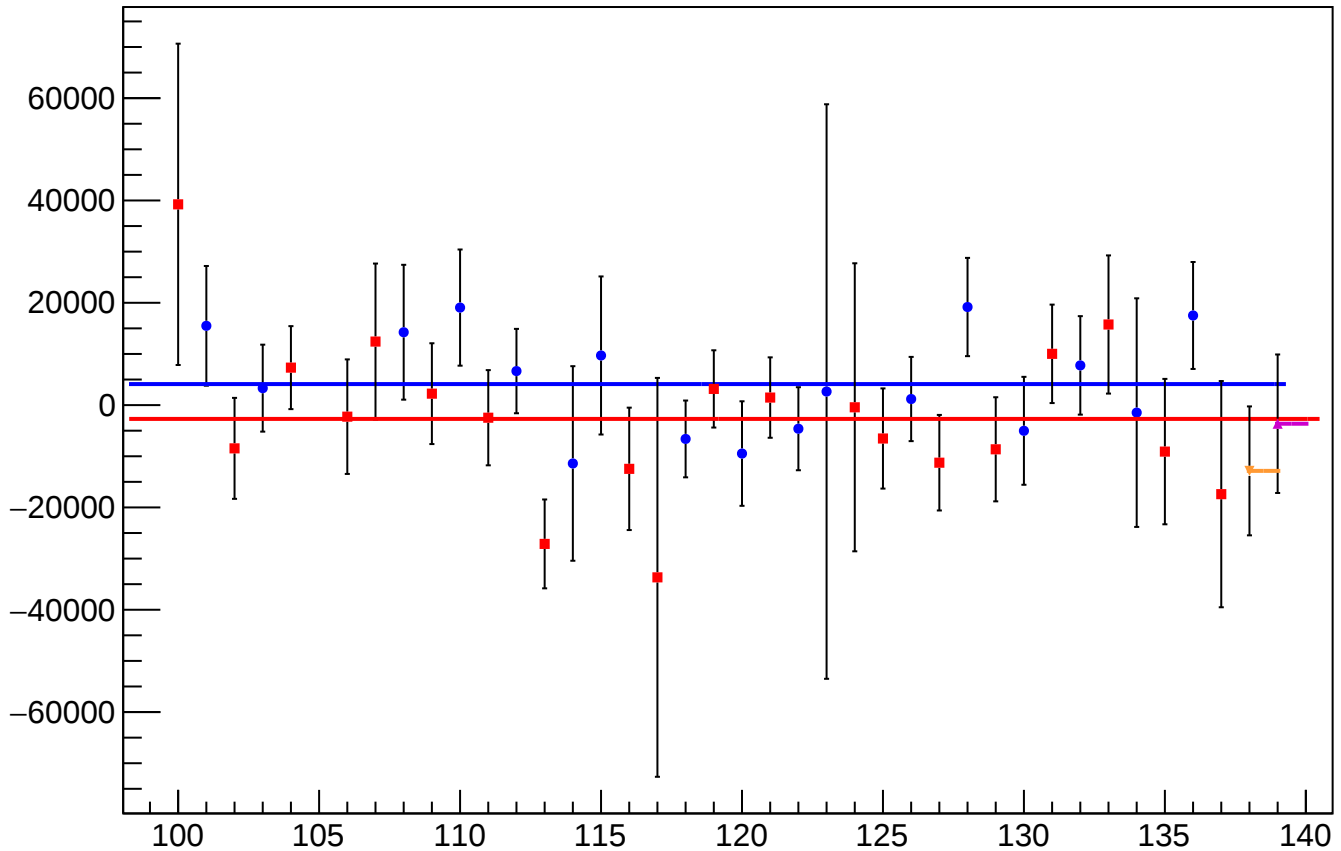
1397.583+/-0.742 χ^2/NDF : 11132611.7/17

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

813.423+/-0.491 χ^2/NDF : 12756712.2/20

Left In: 11106.846+/-9.233 χ^2/NDF : 0.0/0

asym_atl2_mean vs Slug



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

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

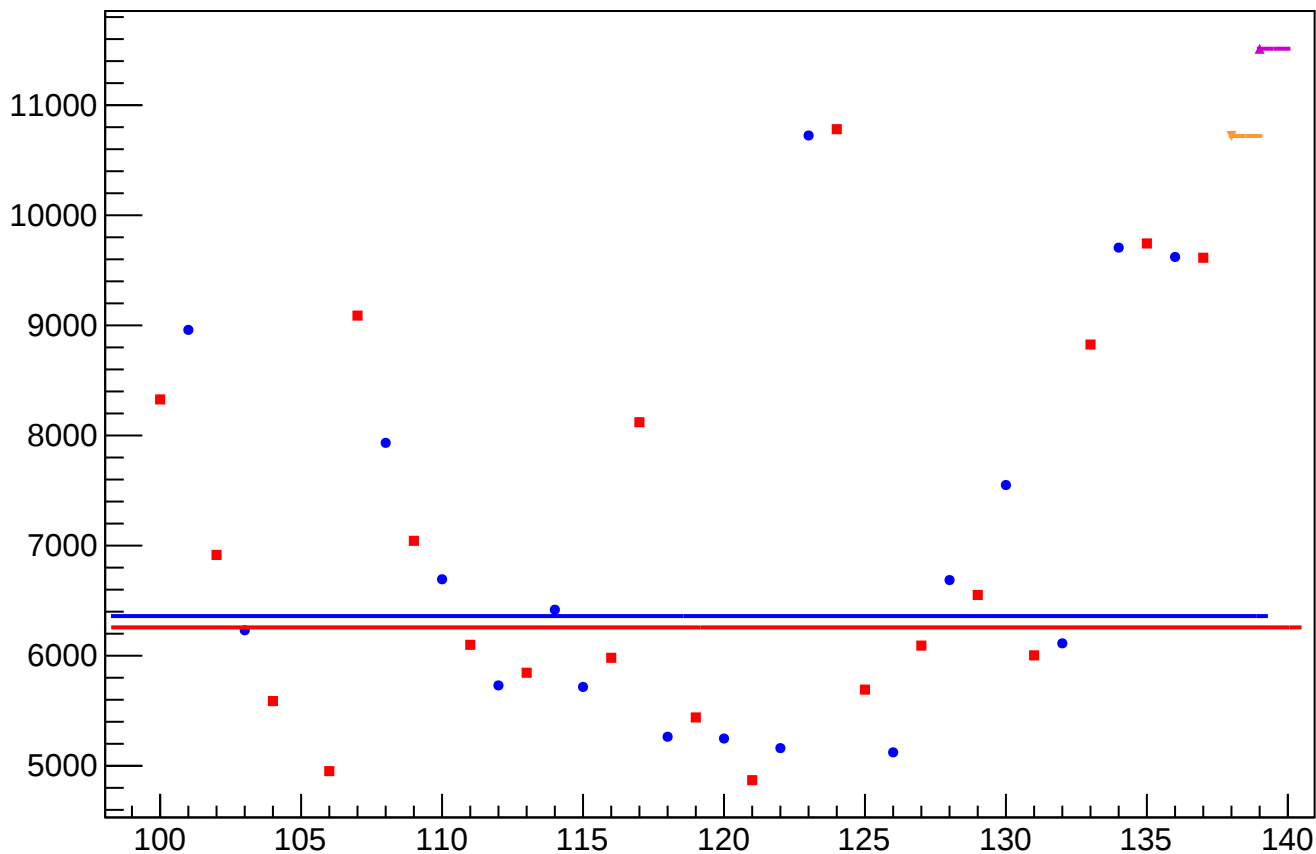
Right Out: -2697.106 $\pm$ 2415.828 χ^2 /NDF: 20.6/19

Left In: -3638.864 $\pm$ 13536.499 χ^2 /NDF: 0.0/0

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

-2726.176 $\pm$ 2378.251 χ^2 /NDF: 20.6/20

asym_atl2_rms vs Slug



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

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

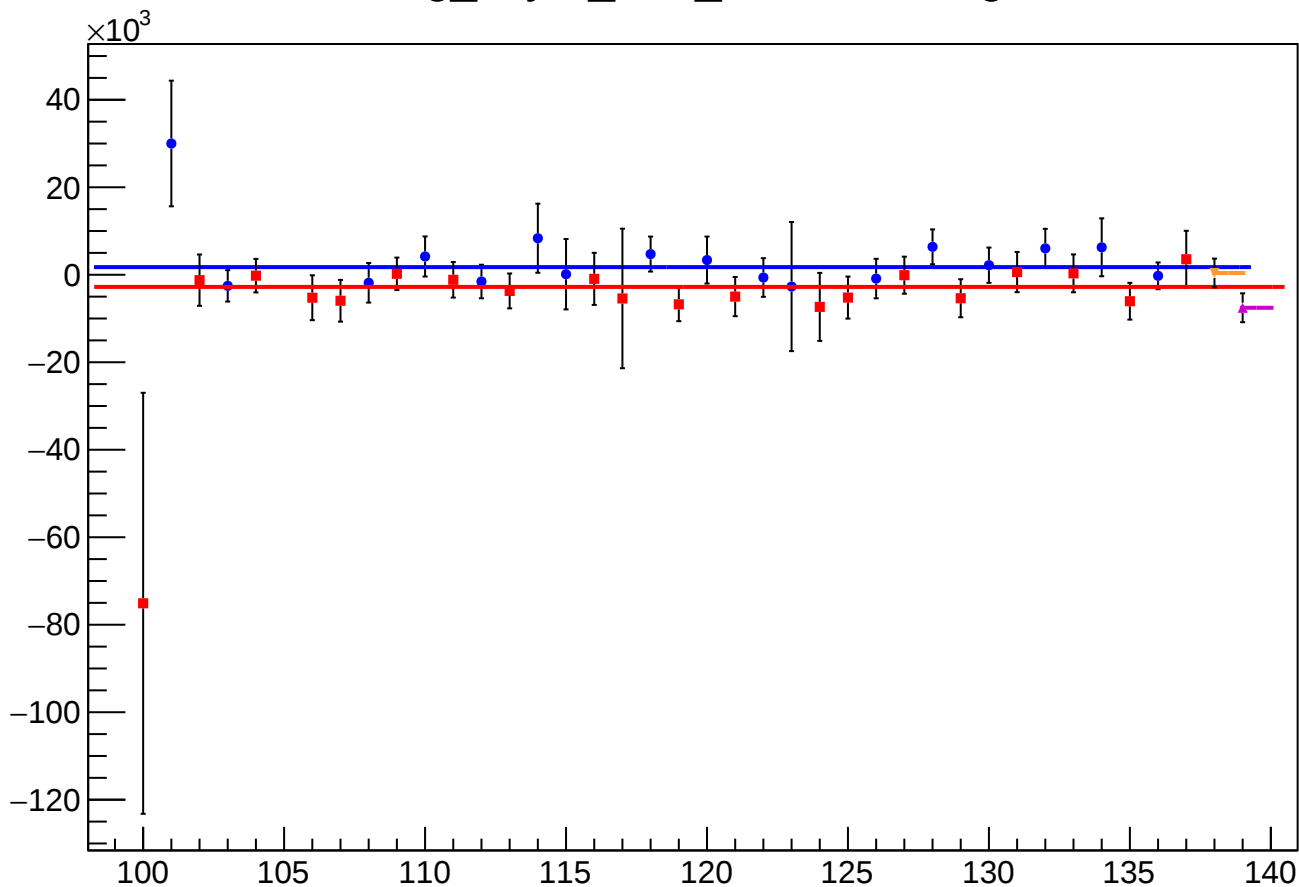
Right Out: 6257.232+/-1.708 χ^2/NDF : 537553.3/19

Left In: 11512.542+/-9.572 χ^2/NDF : 0.0/0

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

6419.436+/-1.682 χ^2/NDF : 829698.2/20

reg_asym_atr1_mean vs Slug



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

Left Out: 409.851+/-3280.097 χ^2 /NDF: 0.0/0

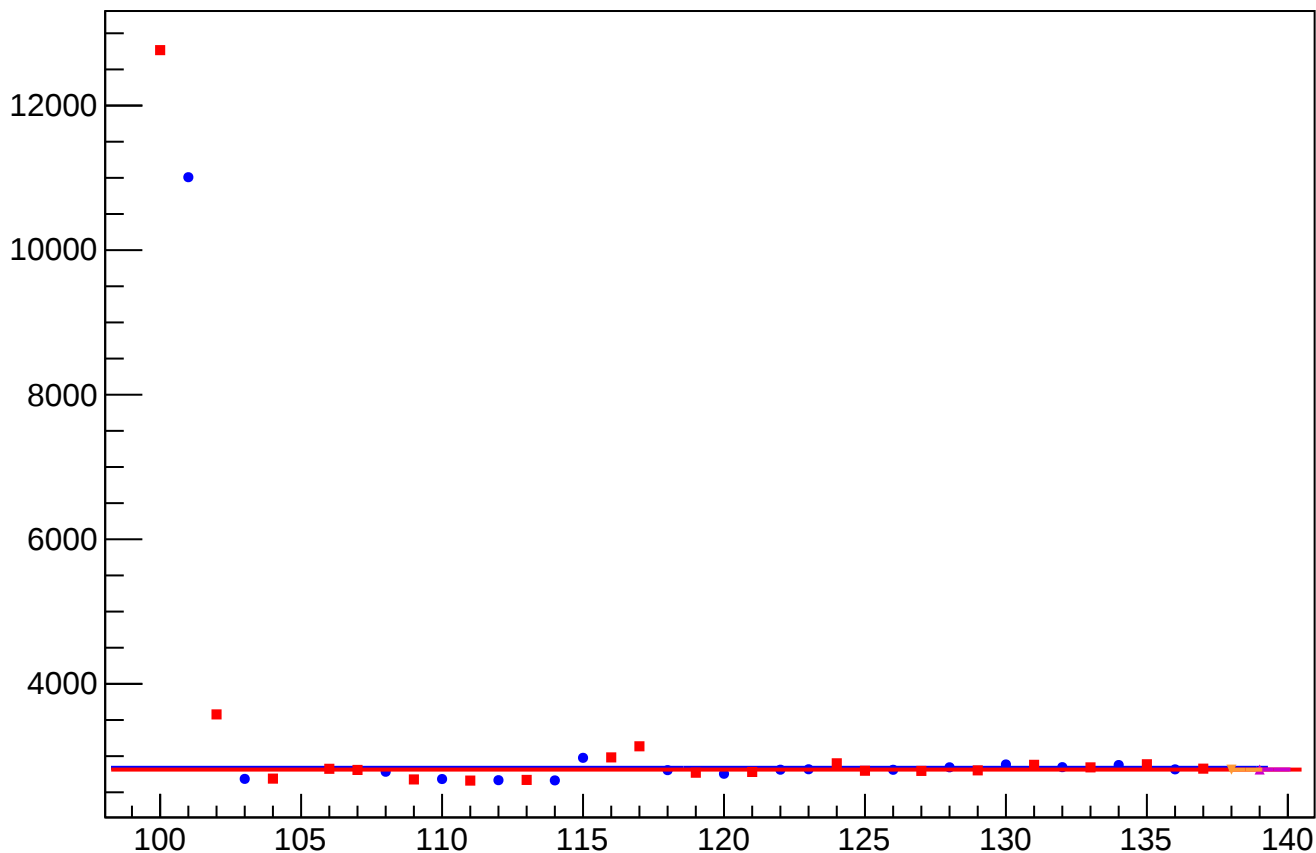
Right Out: -2775.793+/-1069.534 χ^2 /NDF: 9.7/19

Left In: -7543.250+/-3304.179 χ^2 /NDF: 0.0/0

1604.579+/-1067.130 χ^2 /NDF: 12.4/17

-3227.934+/-1017.554 χ^2 /NDF: 11.6/20

reg_asym_atr1_rms vs Slug



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

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

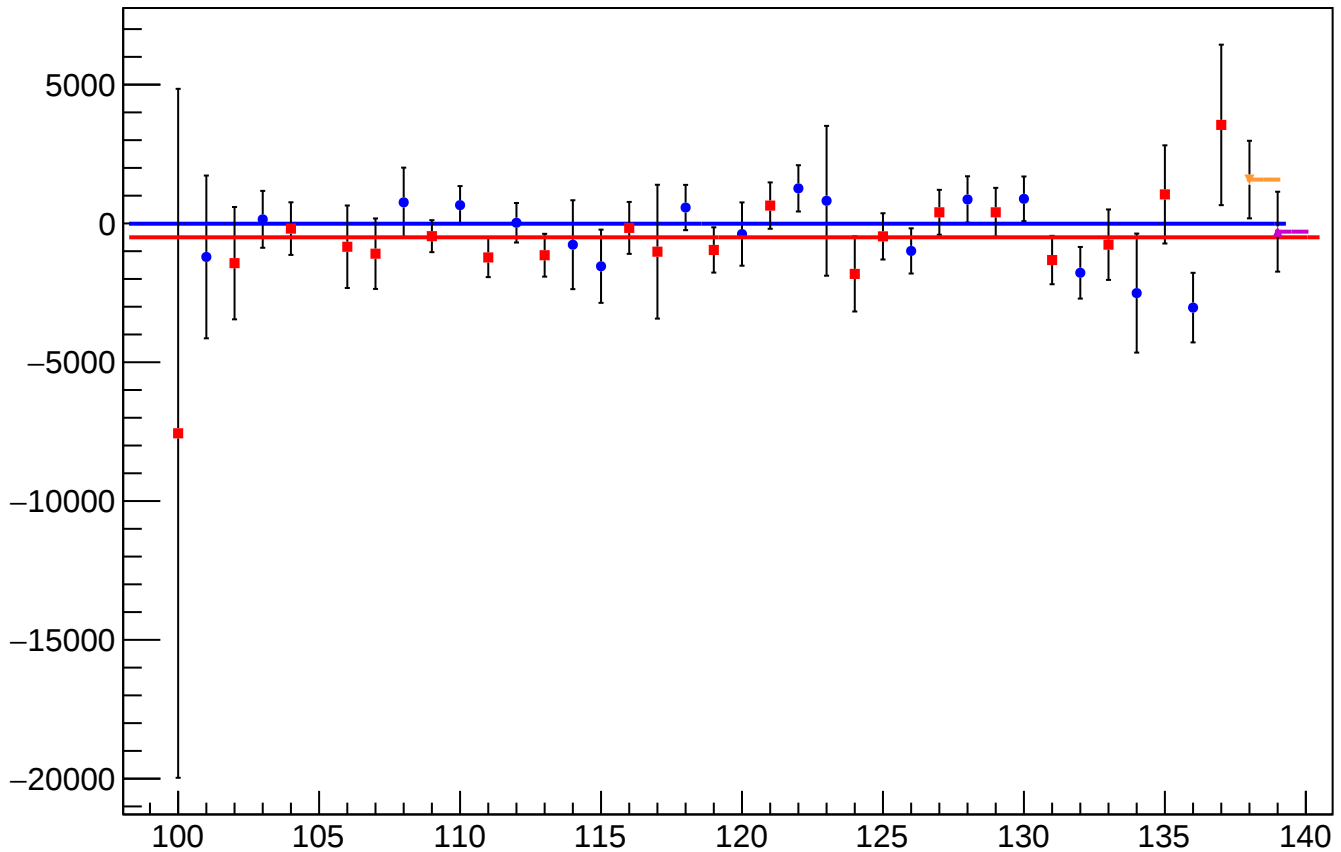
Right Out: 2814.083+/-0.756 χ^2/NDF : 133883.7/19

Left In: 2815.410+/-2.336 χ^2/NDF : 0.0/0

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

2814.208+/-0.720 χ^2/NDF : 133884.0/20

asym_atr1_correction_mean vs Slug



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

Left Out: 1579.766 ± 1397.143 χ^2/NDF : 0.0/0

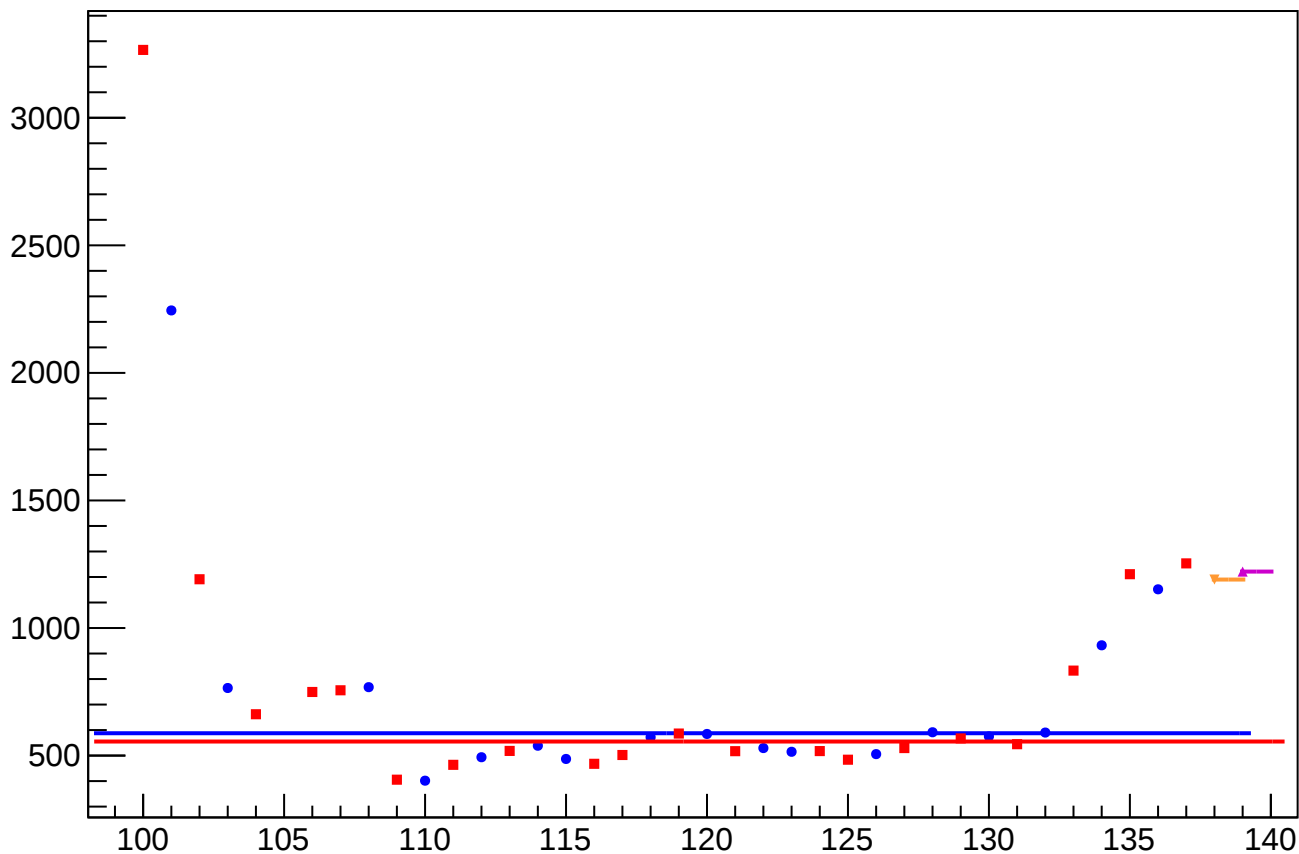
Right Out: -499.625 ± 220.558 χ^2/NDF : 11.9/19

Left In: -297.113 ± 1439.808 χ^2/NDF : 0.0/0

36.338 ± 238.142 χ^2/NDF : 22.0/17

-494.982 ± 218.015 χ^2/NDF : 11.9/20

asym_atr1_correction_rms vs Slug



Right In: 587.596 $\pm$ 0.171 χ^2 /NDF: 1425769.6/16

Left Out: 1189.988 $\pm$ 0.988 χ^2 /NDF: 0.0/0

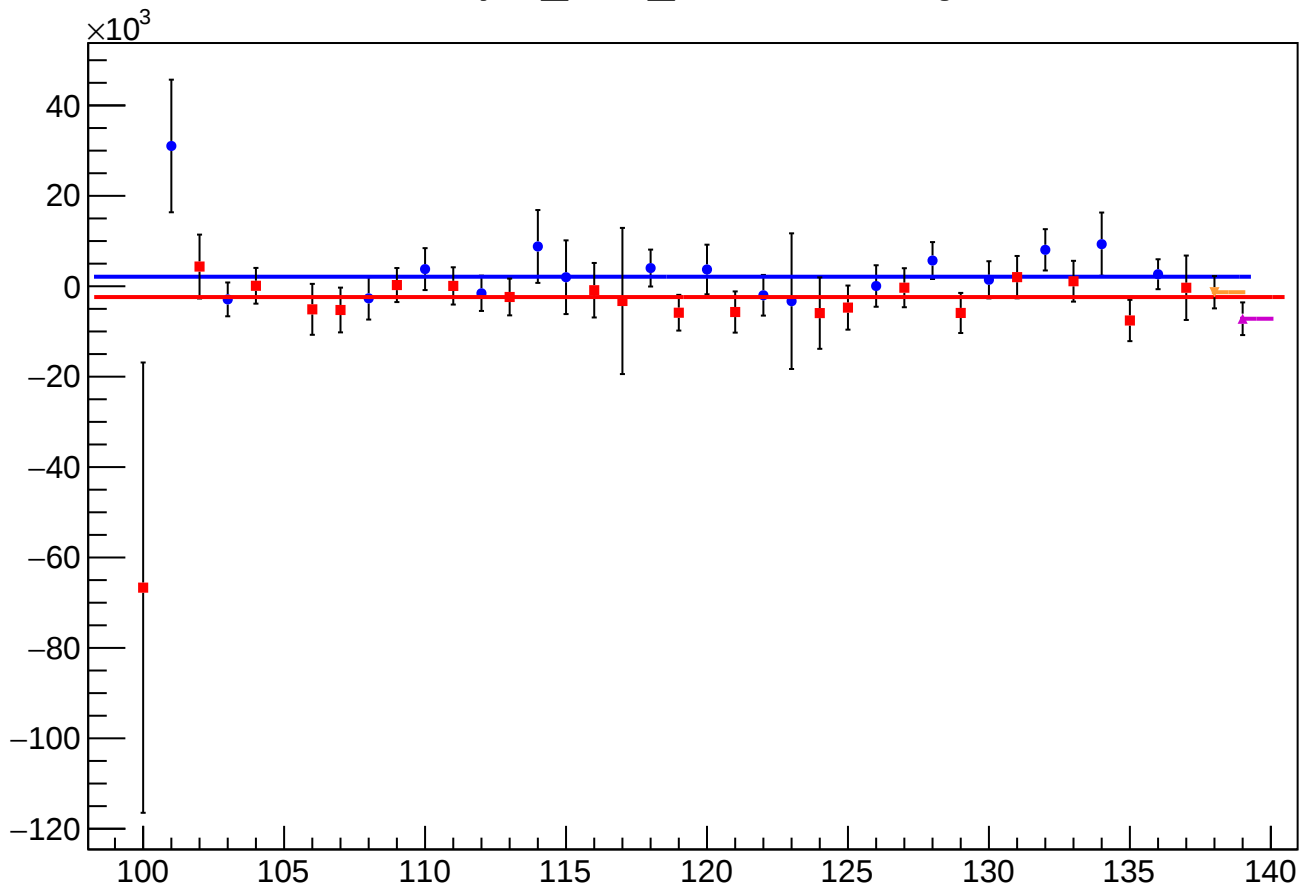
Right Out: 555.088 $\pm$ 0.156 χ^2 /NDF: 1107729.2/19

Left In: 1221.225 $\pm$ 1.018 χ^2 /NDF: 0.0/0

605.097 $\pm$ 0.168 χ^2 /NDF: 1786764.8/17

570.361 $\pm$ 0.154 χ^2 /NDF: 1526016.8/20

asym_atr1_mean vs Slug



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

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

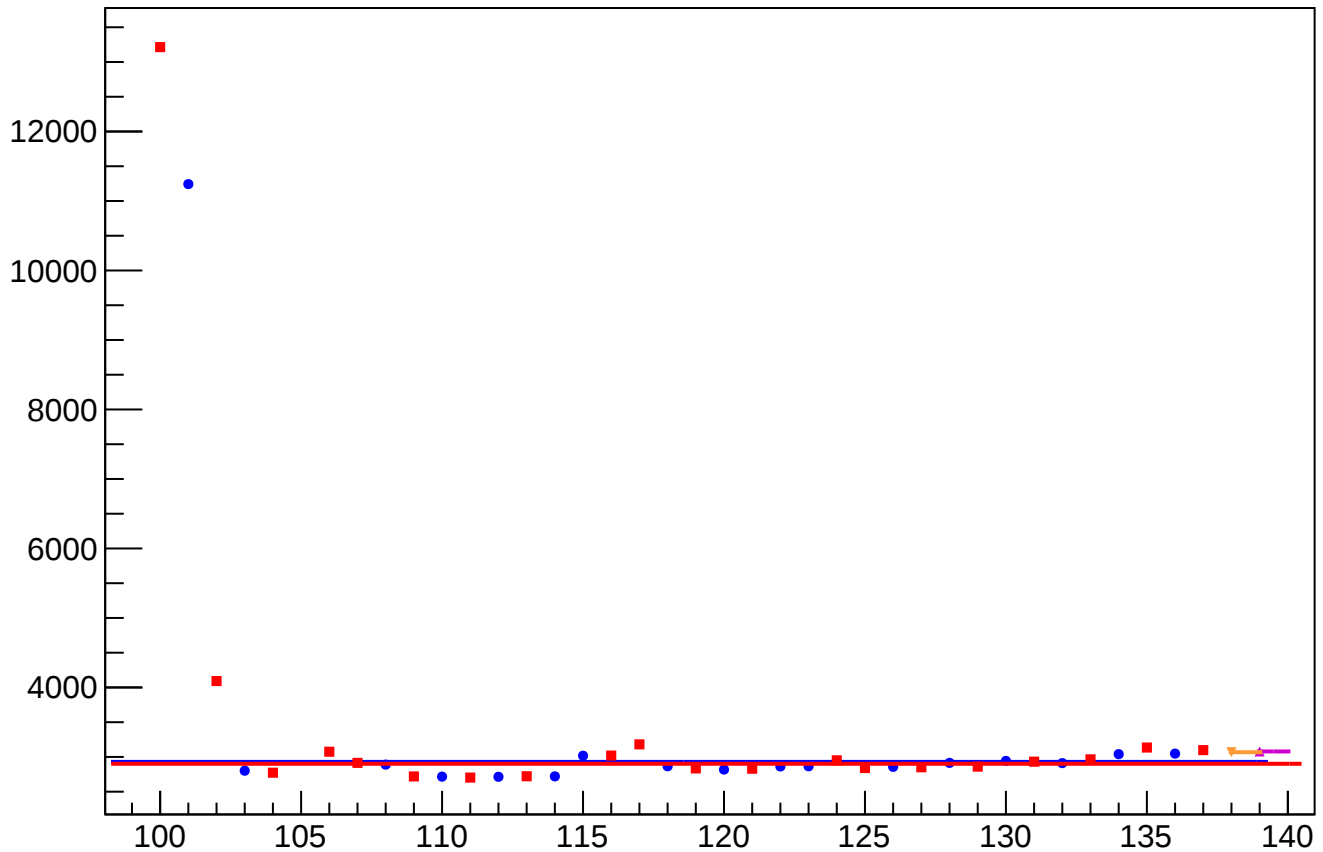
Right Out: -2389.947 $\pm$ 1107.639 χ^2 /NDF: 9.9/19

Left In: -7184.351 $\pm$ 3614.230 χ^2 /NDF: 0.0/0

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

-2801.583 $\pm$ 1059.022 χ^2 /NDF: 11.5/20

asym_atr1_rms vs Slug



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

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

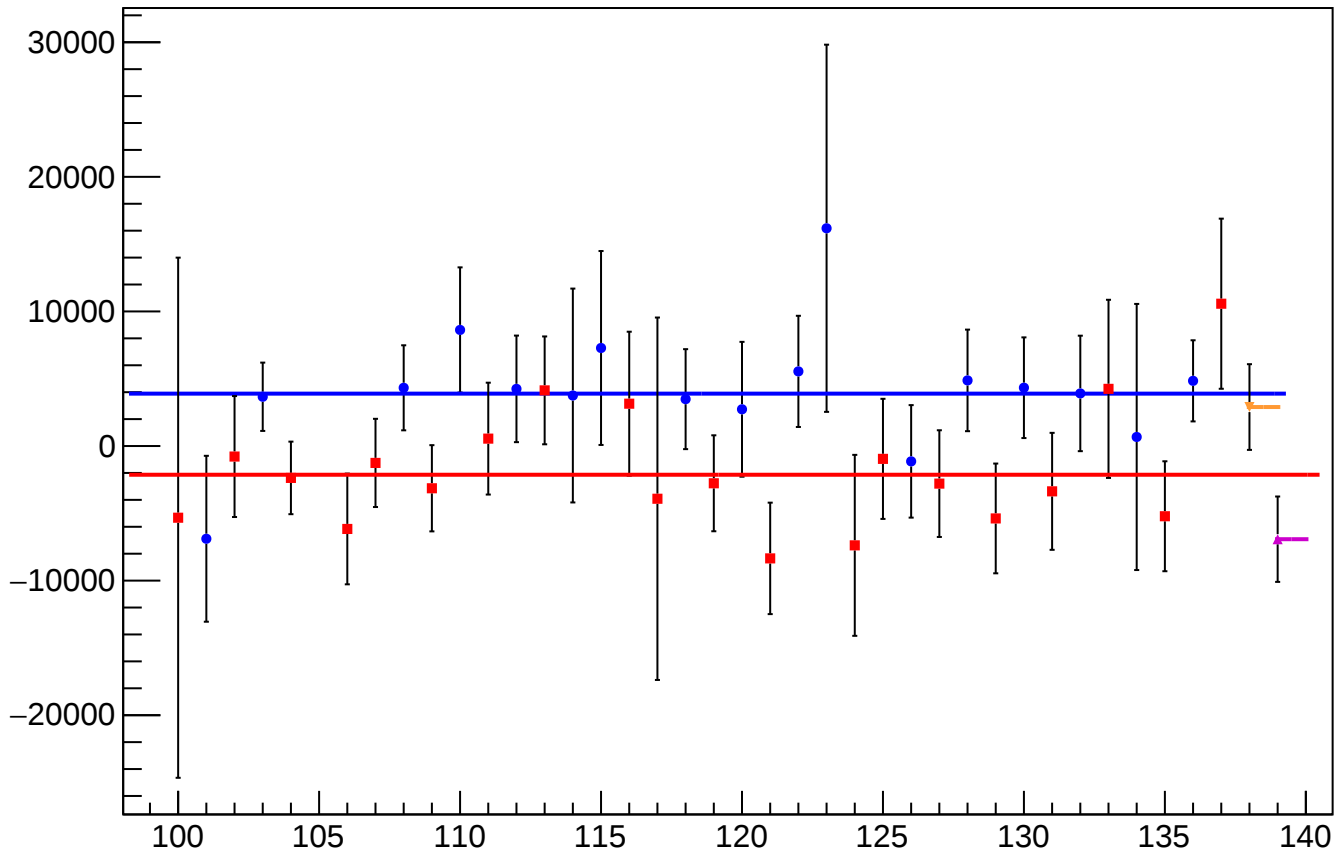
Right Out: 2901.790+/-0.783 χ^2/NDF : 170320.9/19

Left In: 3078.887+/-2.556 χ^2/NDF : 0.0/0

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

2916.995+/-0.749 χ^2/NDF : 174710.5/20

reg_asym_atr2_mean vs Slug



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

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

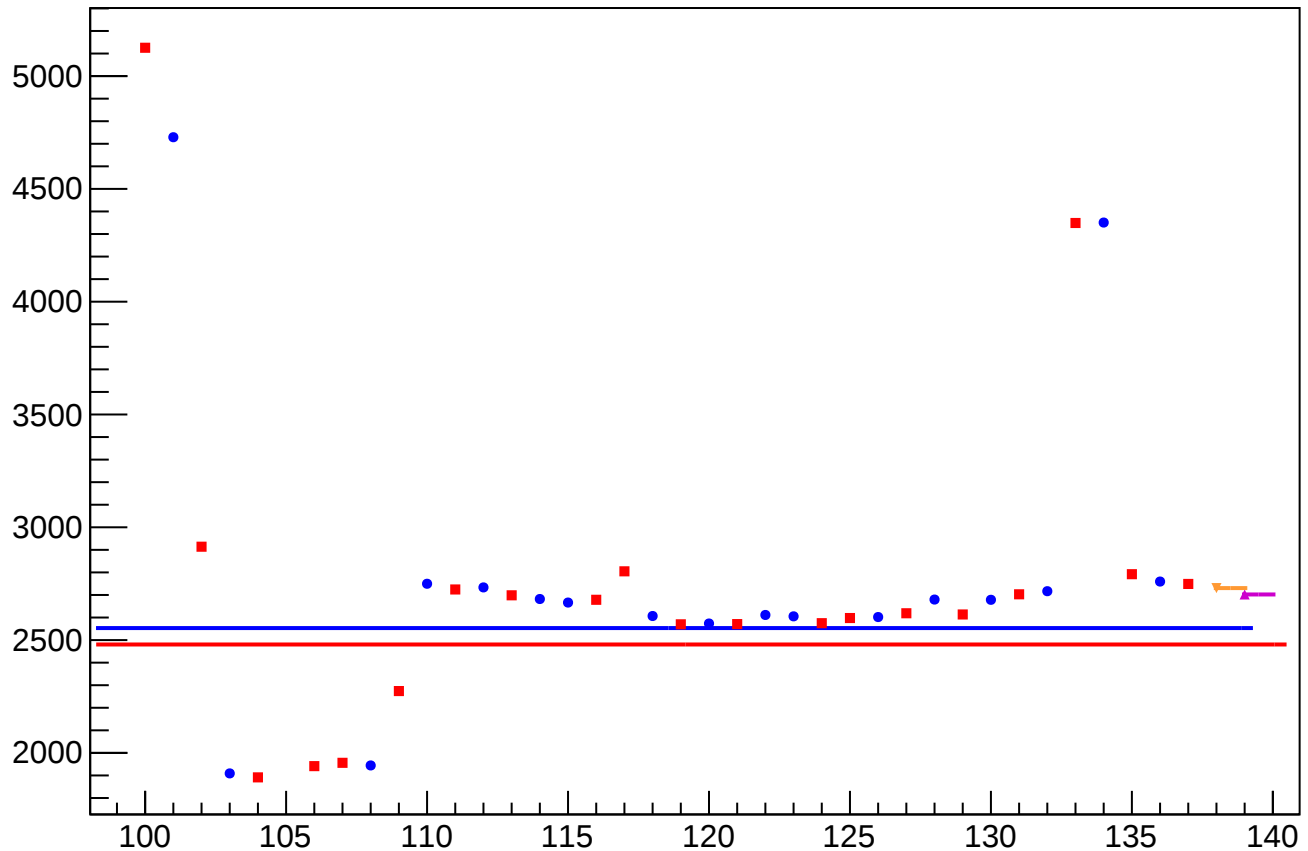
Right Out: -2133.736+/-955.999 χ^2/NDF : 14.4/19

Left In: -6922.625+/-3171.663 χ^2/NDF : 0.0/0

3801.174+/-964.206 χ^2/NDF : 7.2/17

-2532.586+/-915.323 χ^2/NDF : 16.4/20

reg_asym_atr2_rms vs Slug



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

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

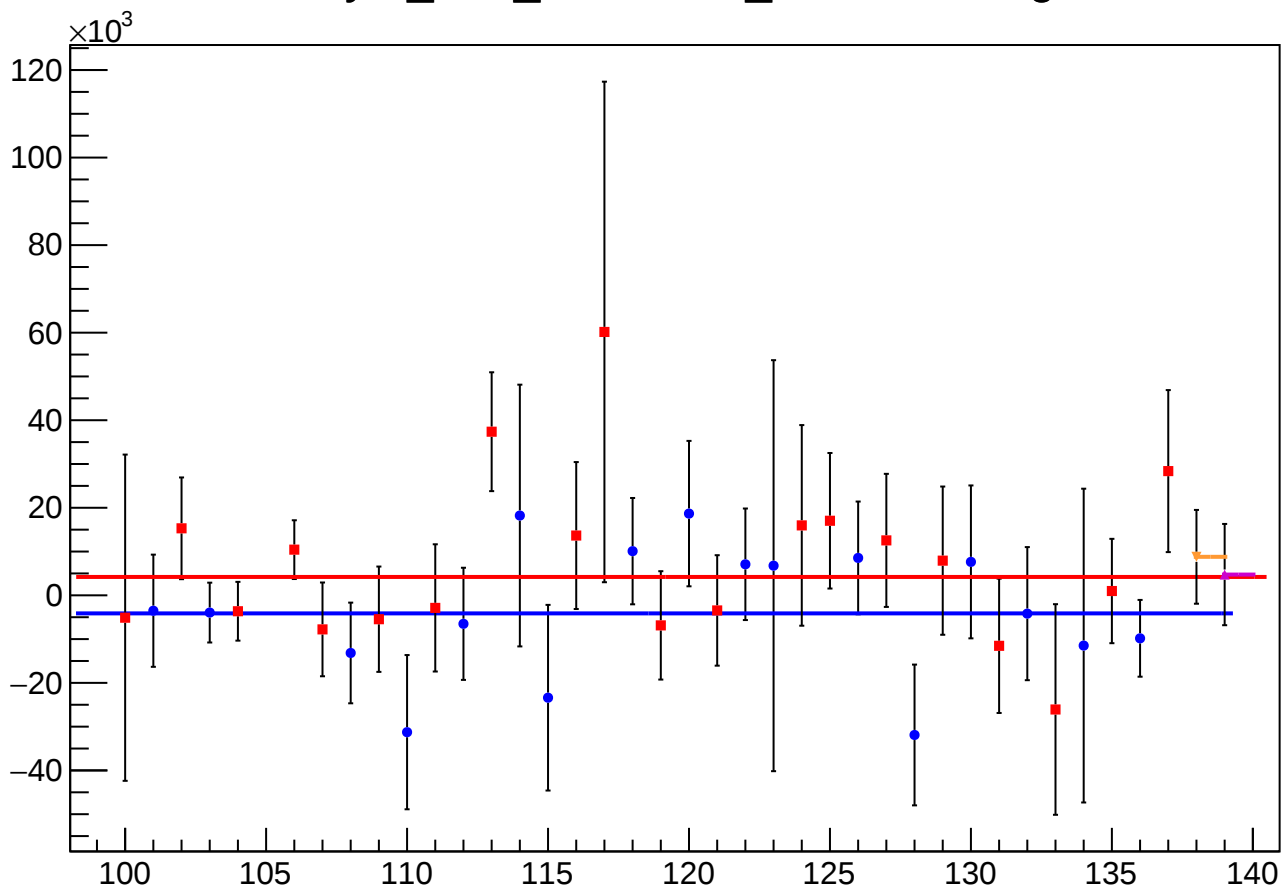
Right Out: 2480.504+/-0.676 χ^2/NDF : 450669.1/19

Left In: 2702.240+/-2.243 χ^2/NDF : 0.0/0

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

2498.971+/-0.647 χ^2/NDF : 459630.3/20

asym_atr2_correction_mean vs Slug



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

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

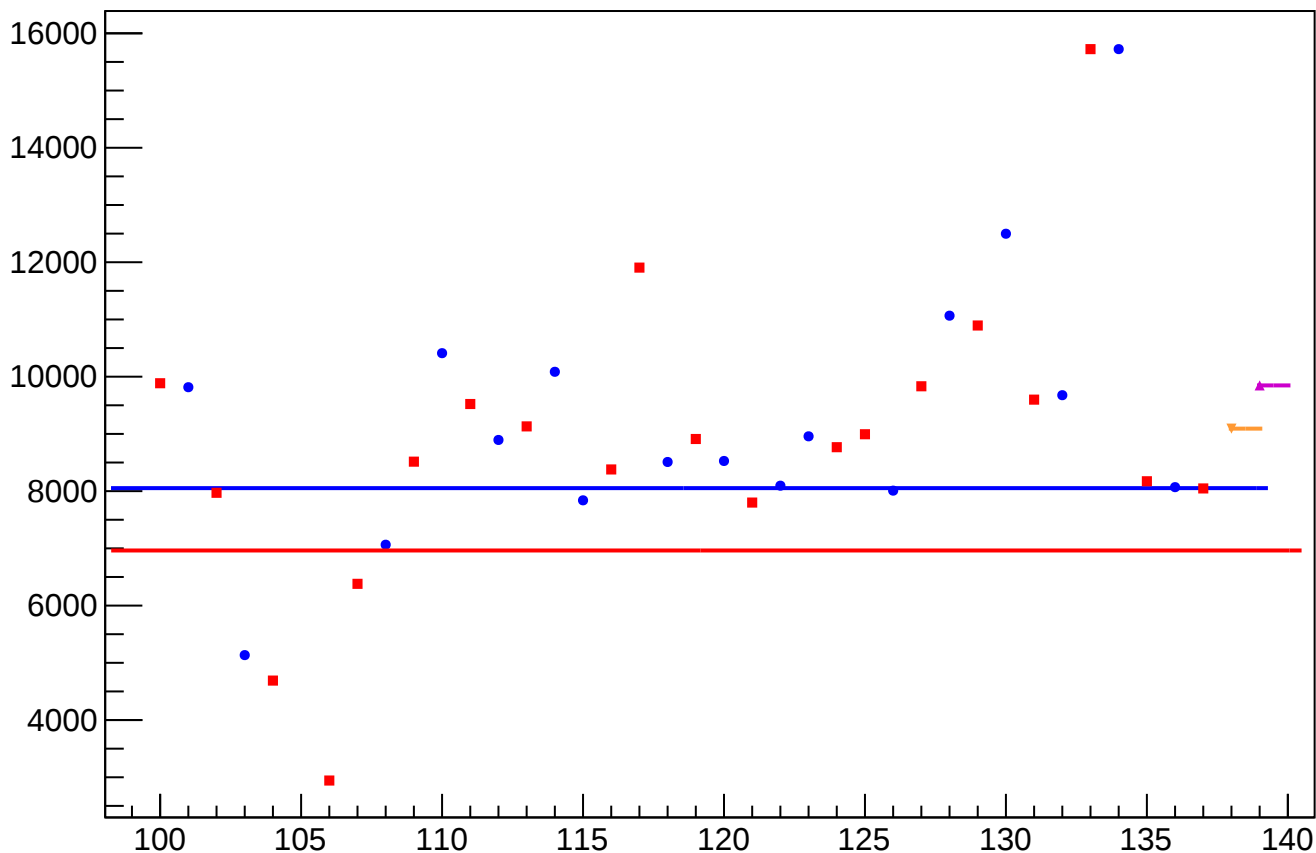
Right Out: 4197.870+/-2830.850 χ^2/NDF : 19.5/19

Left In: 4739.595+/-11566.141 χ^2/NDF : 0.0/0

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

4228.488+/-2749.689 χ^2/NDF : 19.5/20

asym_atr2_correction_rms vs Slug



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

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

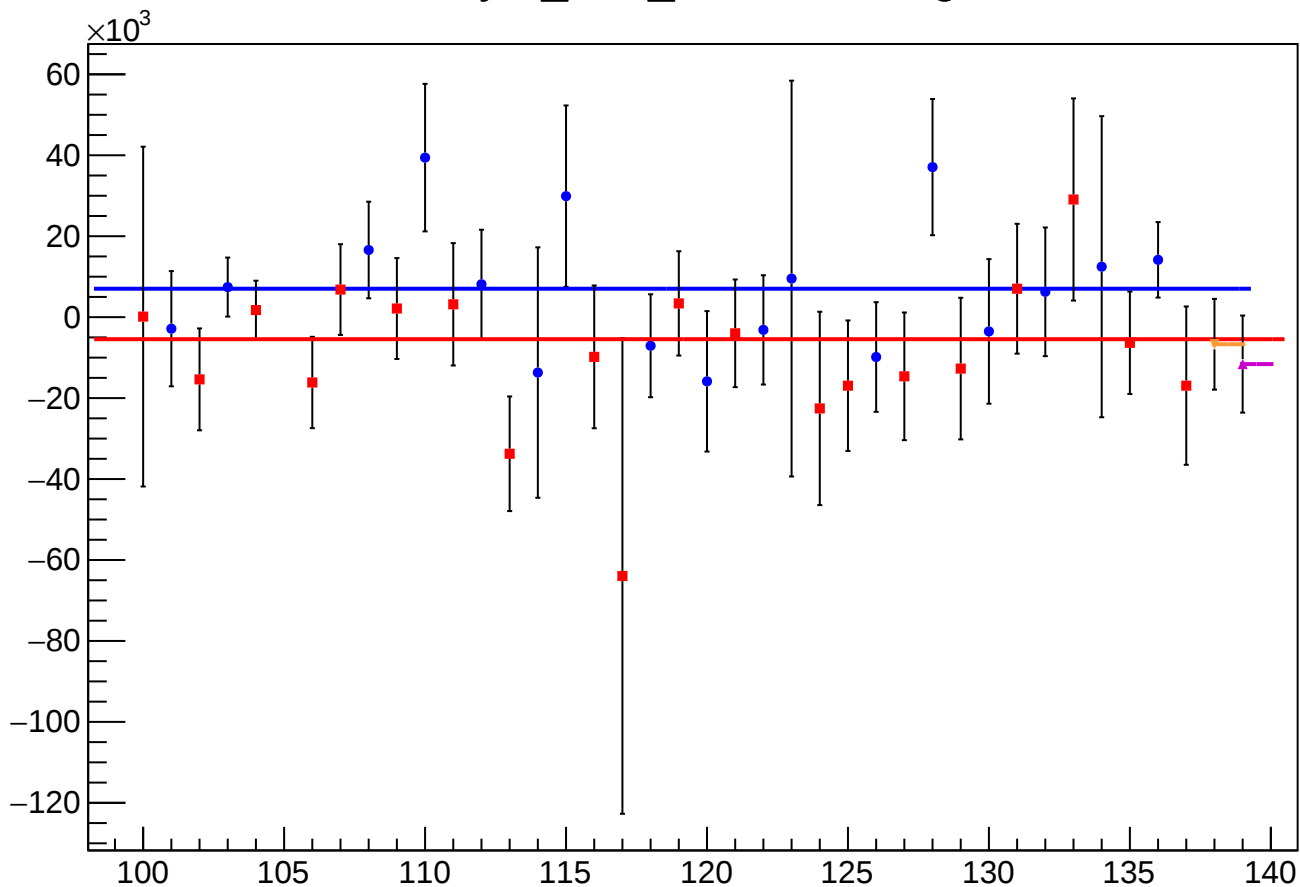
Right Out: 6963.091+/-2.002 χ^2/NDF : 1791563.9/19

Left In: 9847.430+/-8.178 χ^2/NDF : 0.0/0

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

7126.109+/-1.944 χ^2/NDF : 1908912.9/20

asym_atr2_mean vs Slug



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

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

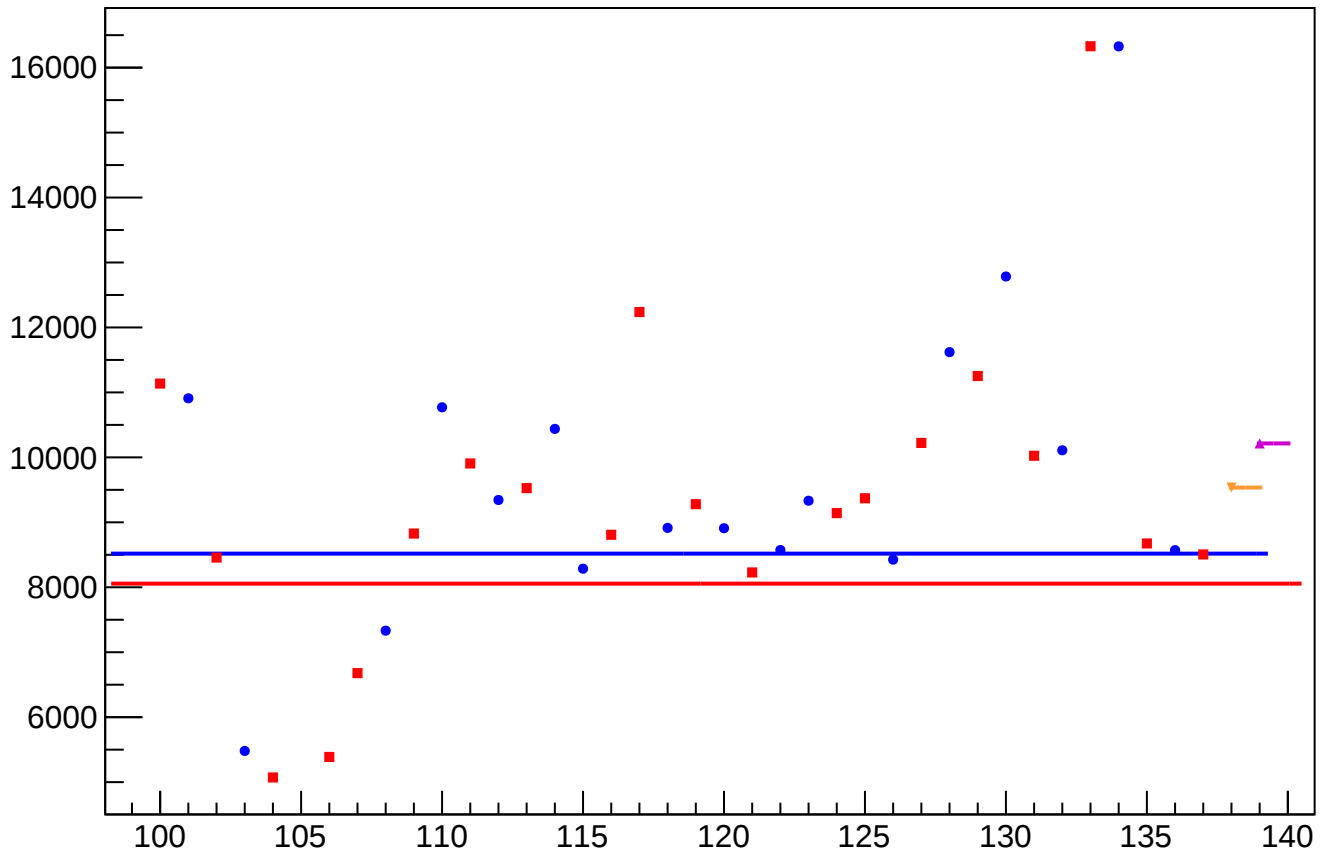
Right Out: -5441.890+/-3163.600 χ^2/NDF : 14.3/19

Left In: -11594.026+/-11995.943 χ^2/NDF : 0.0/0

5864.566+/-3262.054 χ^2/NDF : 16.4/17

-5841.945+/-3059.012 χ^2/NDF : 14.6/20

asym_atr2_rms vs Slug



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

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

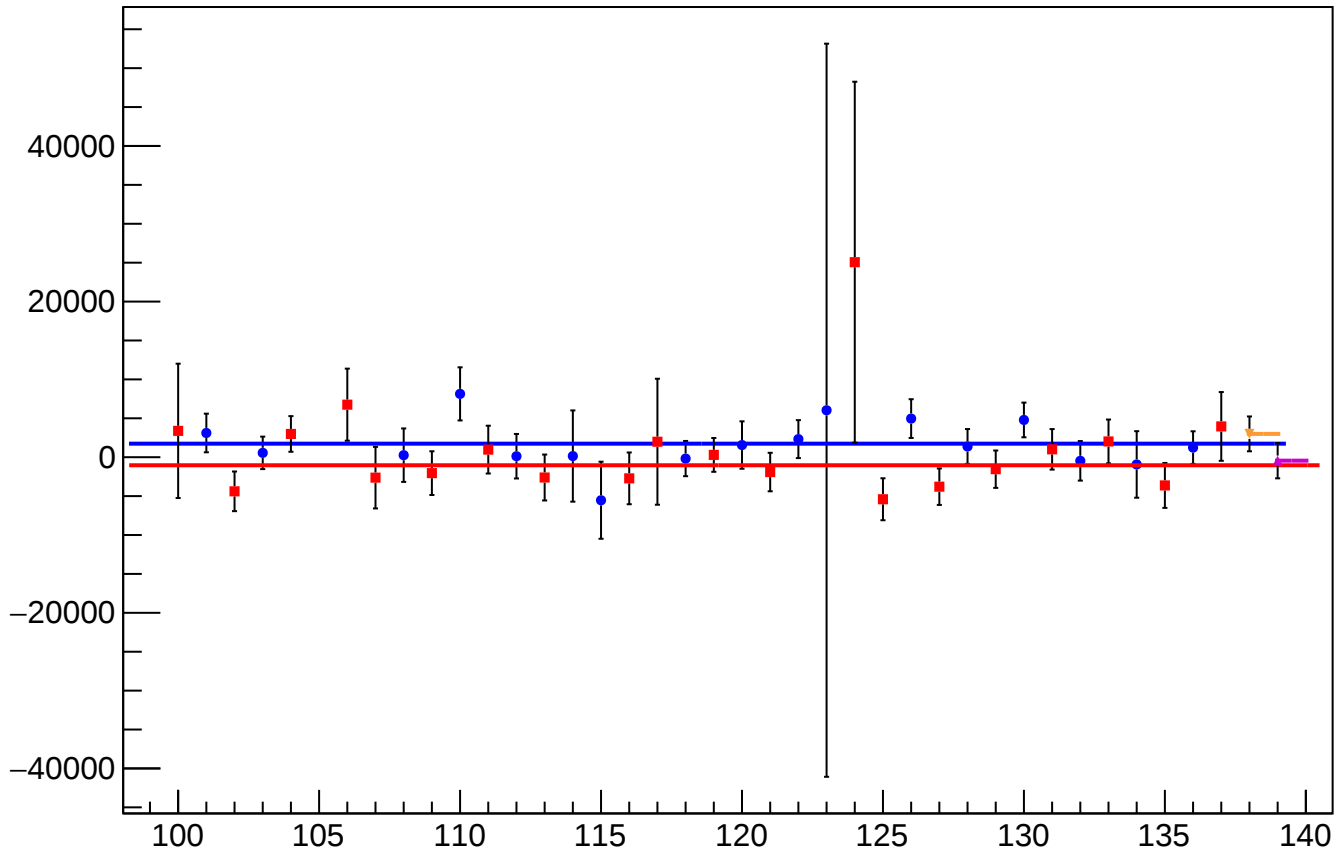
Right Out: 8056.153+/-2.237 χ^2/NDF : 962282.6/19

Left In: 10214.434+/-8.482 χ^2/NDF : 0.0/0

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

8196.490+/-2.163 χ^2/NDF : 1022813.7/20

reg_asym_atl_avg_mean vs Slug



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

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

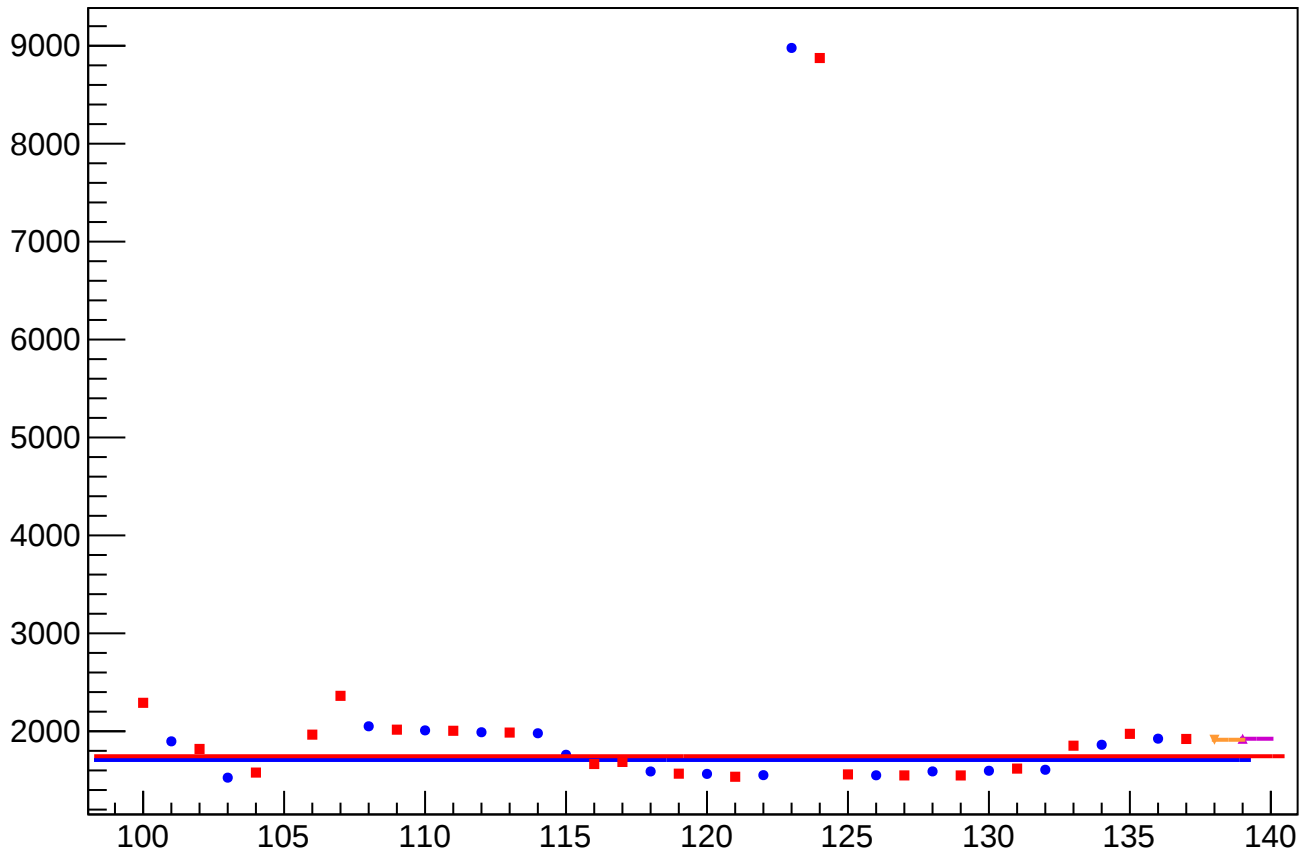
Right Out: -1034.828 ± 668.692 χ^2/NDF : 19.0/19

Left In: -445.200 ± 2270.161 χ^2/NDF : 0.0/0

1843.285 ± 642.172 χ^2/NDF : 12.7/17

-987.754 ± 641.443 χ^2/NDF : 19.1/20

reg_asym_atl_avg_rms vs Slug



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

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

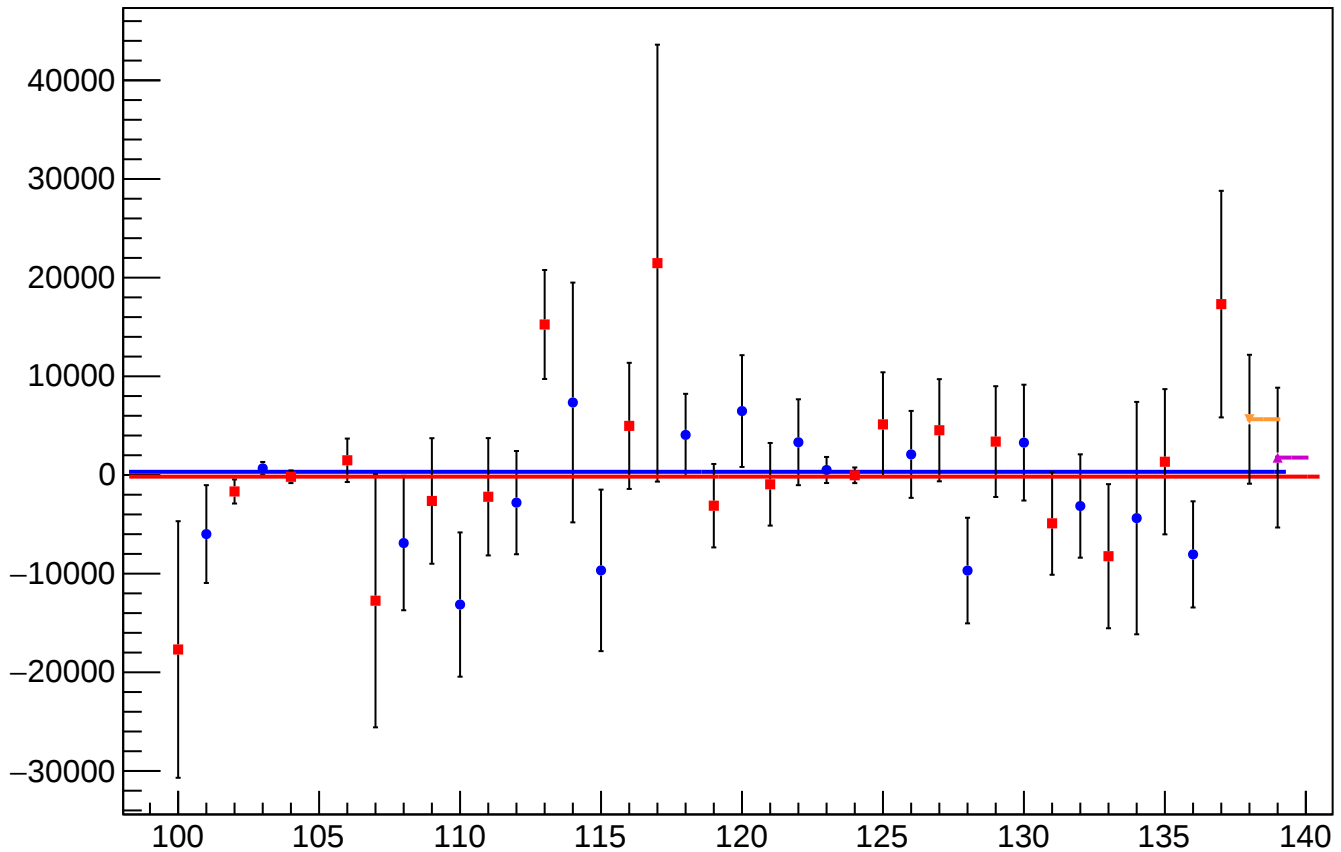
Right Out: 1745.037+/-0.471 χ^2/NDF : 399916.1/19

Left In: 1923.586+/-1.605 χ^2/NDF : 0.0/0

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

1759.176+/-0.452 χ^2/NDF : 411308.2/20

asym_atl_avg_correction_mean vs Slug



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

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

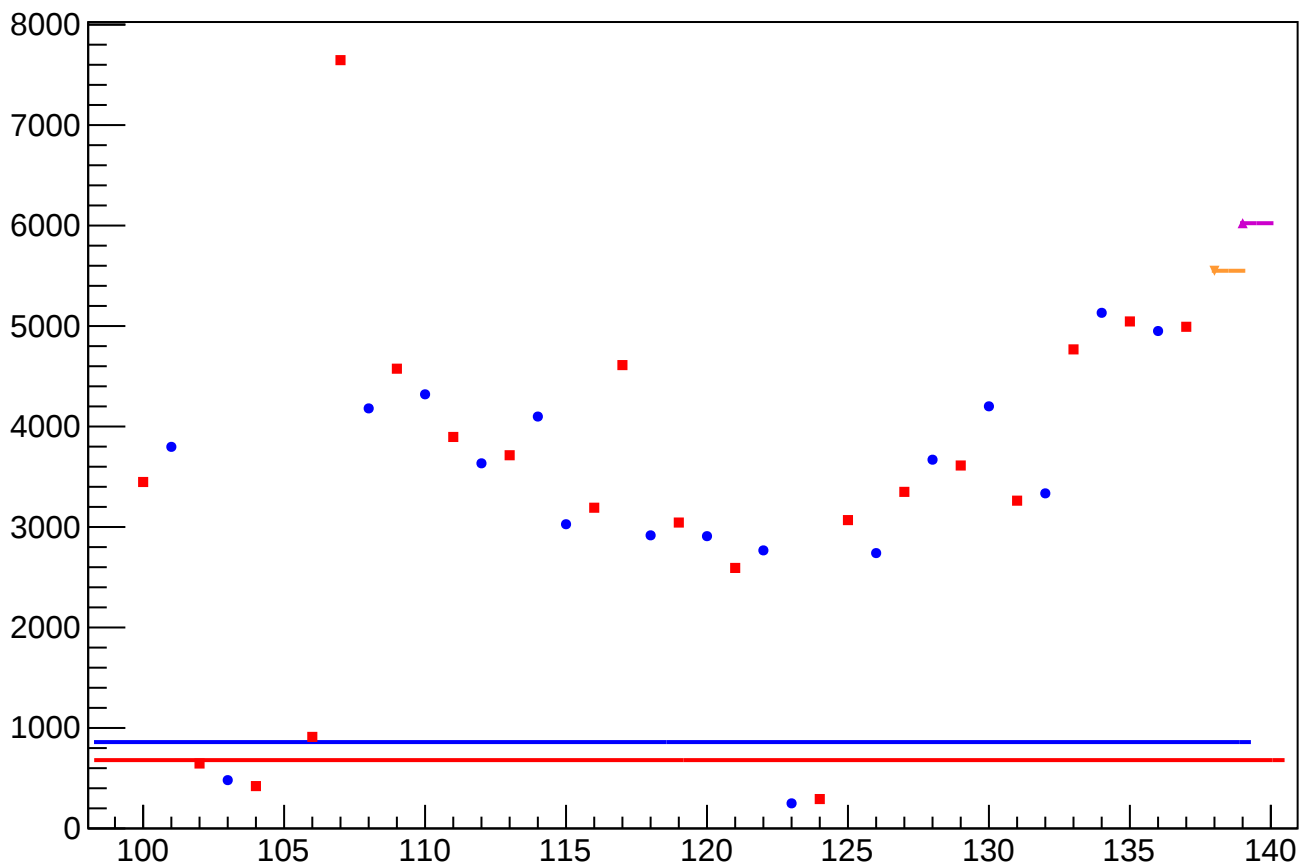
Right Out: -168.343+/-433.469 χ^2/NDF : 21.7/19

Left In: 1761.188+/-7085.400 χ^2/NDF : 0.0/0

357.095+/-538.545 χ^2/NDF : 18.7/17

-161.148+/-432.660 χ^2/NDF : 21.8/20

asym_atl_avg_correction_rms vs Slug



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

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

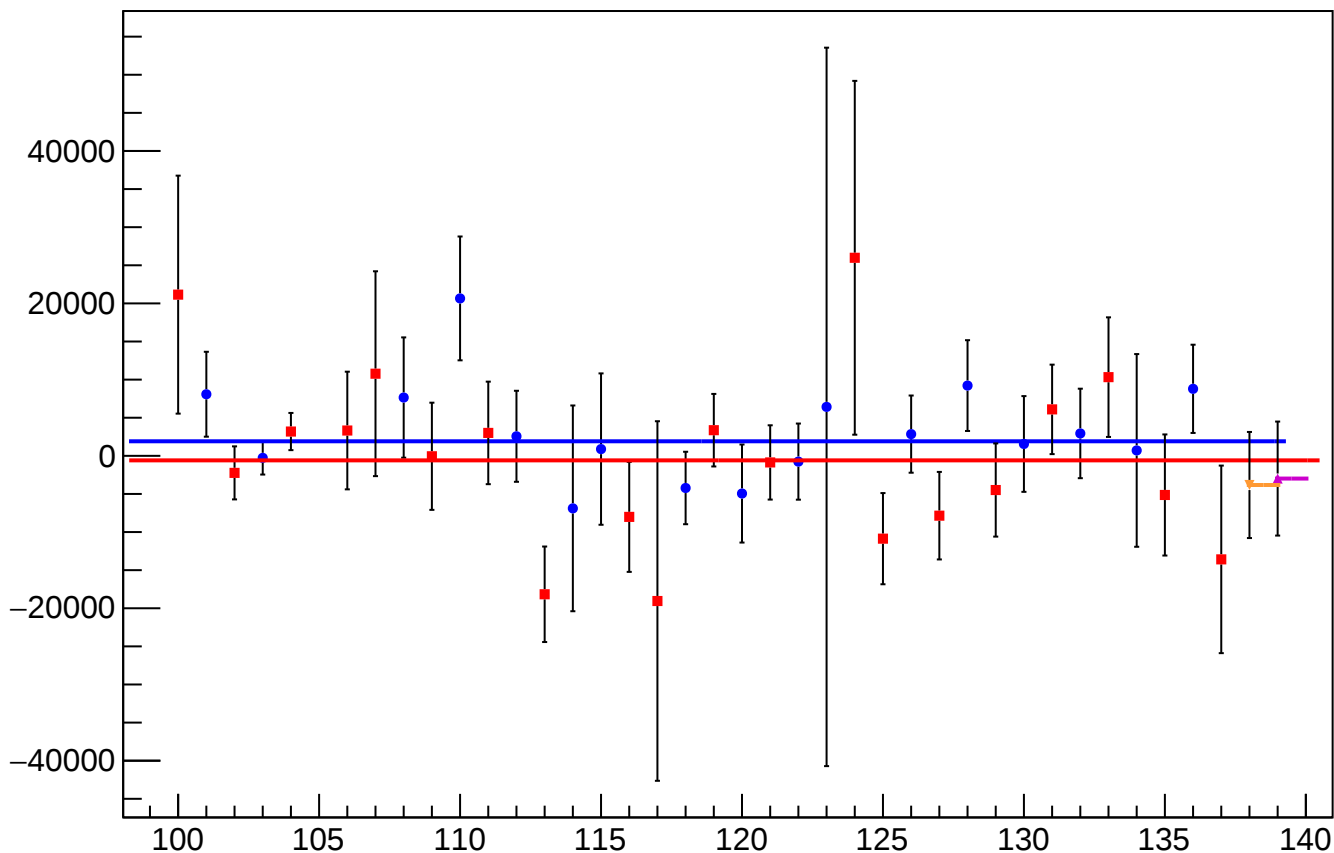
Right Out: 680.110+/-0.307 χ^2/NDF : 8447884.2/19

Left In: 6023.454+/-5.010 χ^2/NDF : 0.0/0

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

700.034+/-0.306 χ^2/NDF : 9581080.5/20

asym_atl_avg_mean vs Slug



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

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

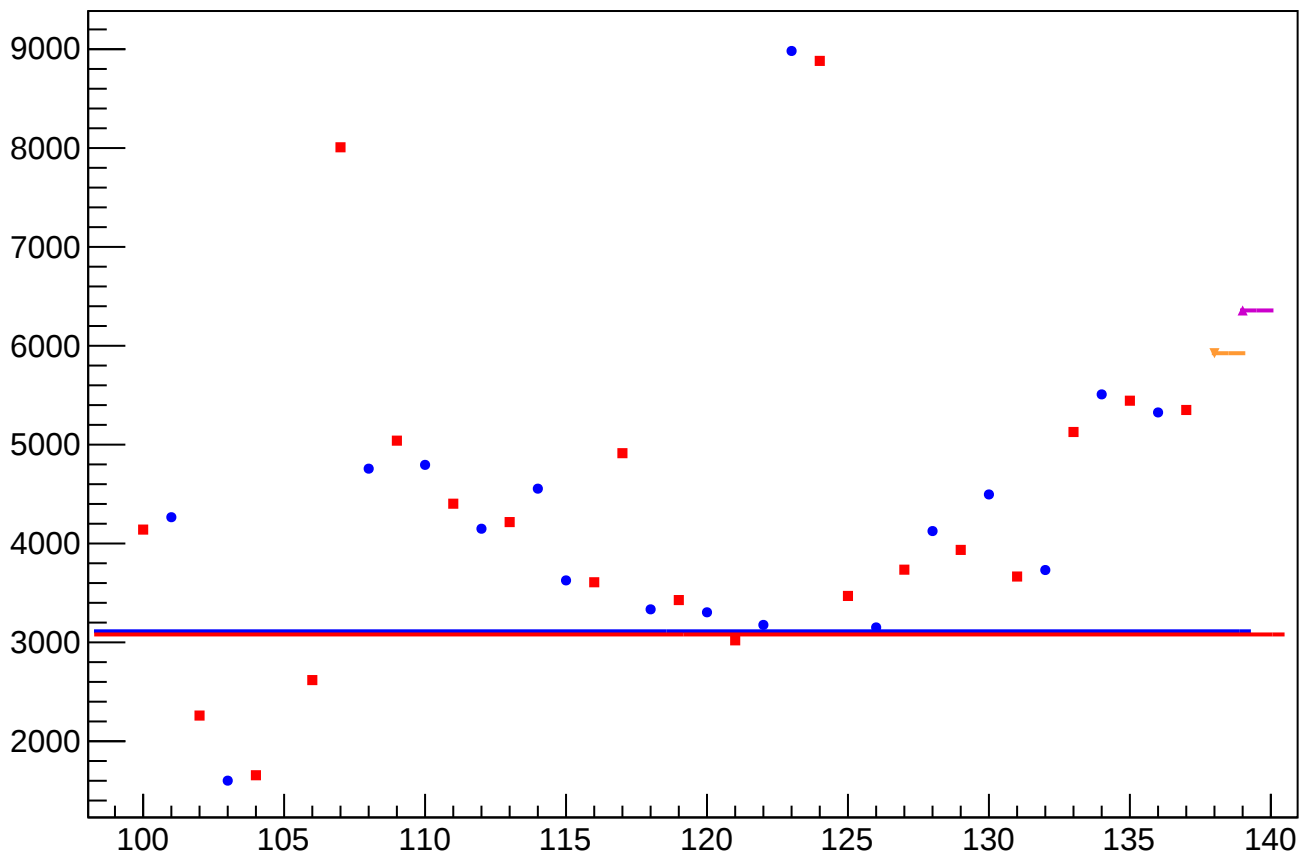
Right Out: -594.380+/-1283.911 χ^2/NDF : 27.0/19

Left In: -2982.880+/-7479.708 χ^2/NDF : 0.0/0

1713.055+/-1287.605 χ^2/NDF : 15.3/17

-662.742+/-1265.404 χ^2/NDF : 27.1/20

asym_atl_avg_rms vs Slug



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

Left Out: 5924.760+/-4.922 χ^2/NDF : 0.0/0

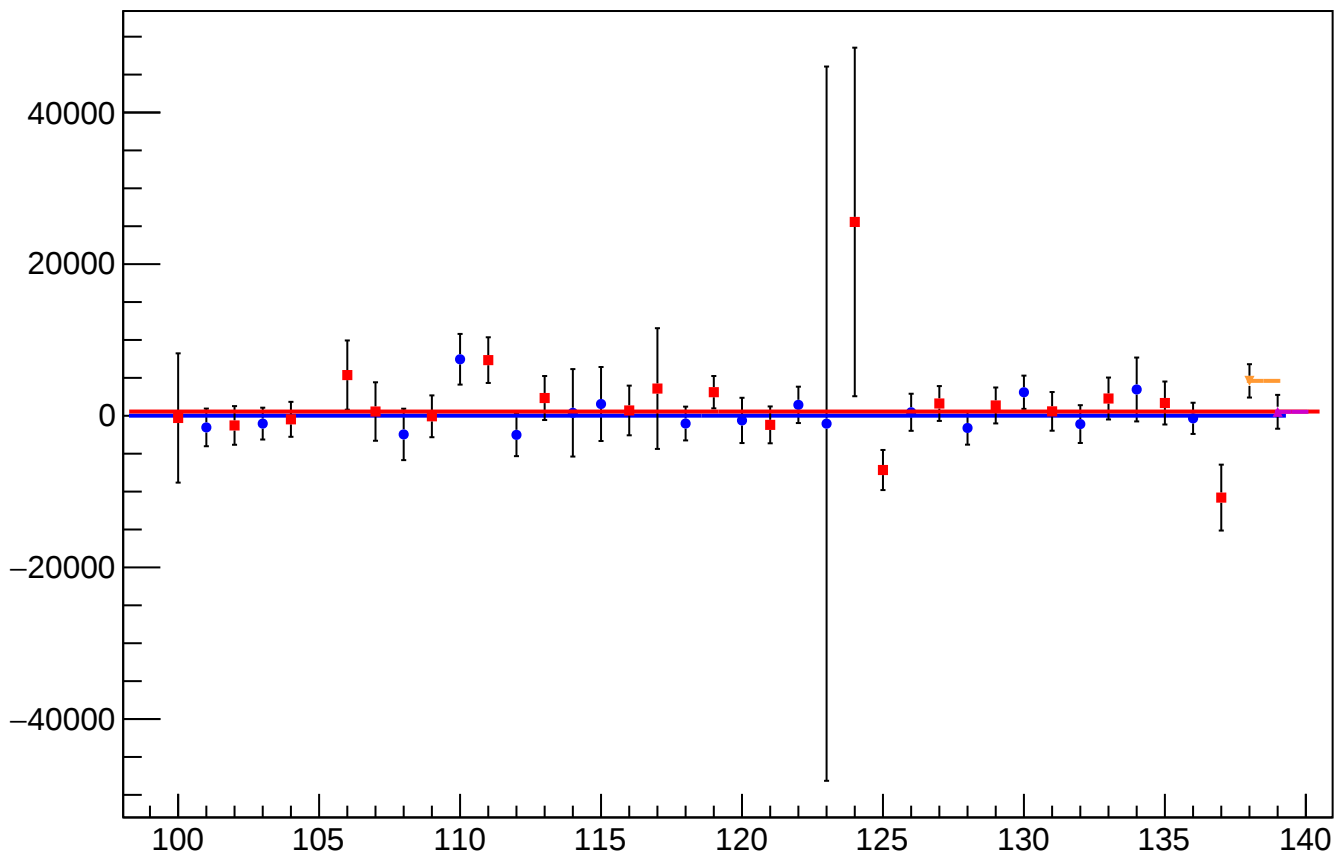
Right Out: 3080.063+/-0.895 χ^2/NDF : 2017746.3/19

Left In: 6357.376+/-5.289 χ^2/NDF : 0.0/0

3208.088+/-0.910 χ^2/NDF : 2195034.3/17

3171.251+/-0.882 χ^2/NDF : 2391032.0/20

reg_asym_atl_dd_mean vs Slug



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

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

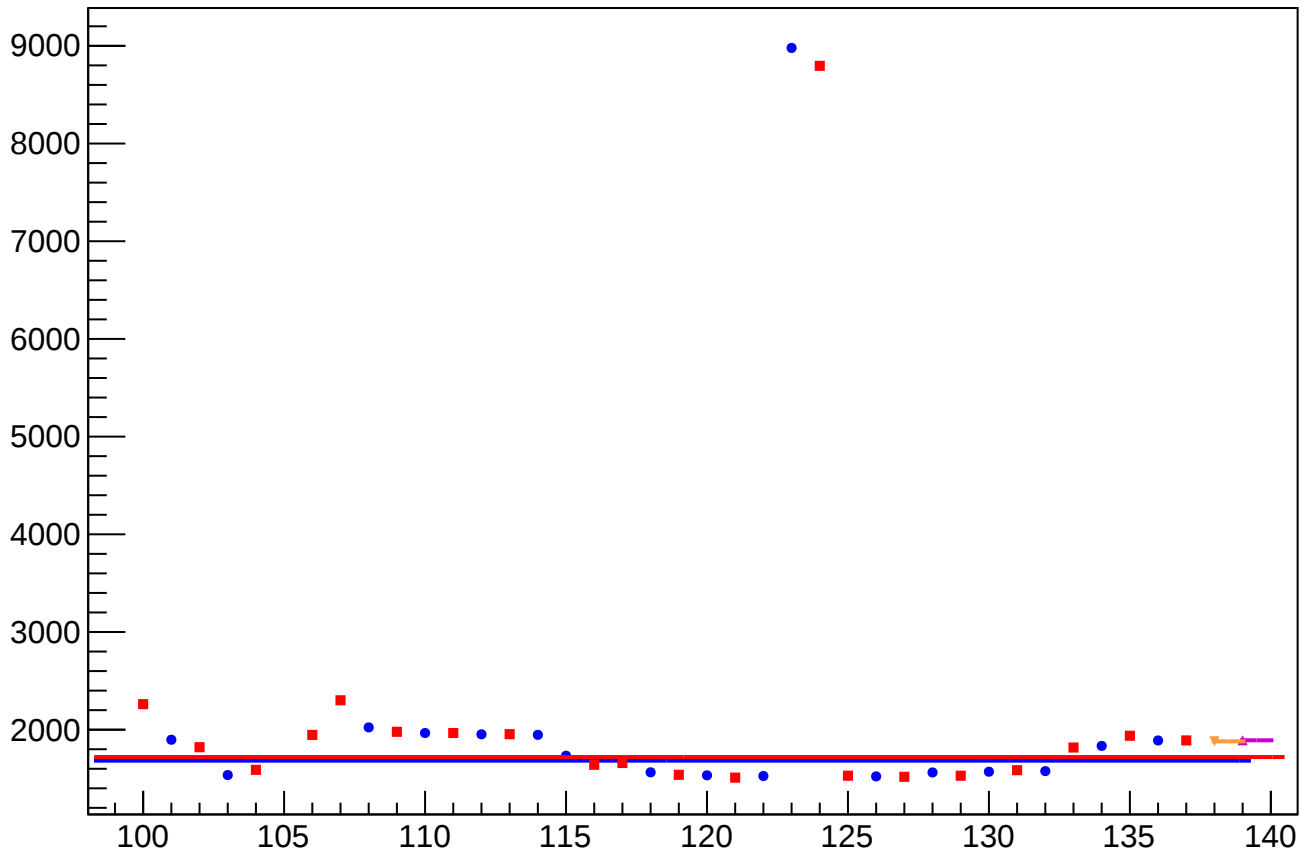
Right Out: 558.377+/-658.875 χ^2 /NDF: 26.8/19

Left In: 523.164+/-2232.208 χ^2 /NDF: 0.0/0

394.603+/-633.102 χ^2 /NDF: 15.1/17

555.555+/-631.922 χ^2 /NDF: 26.8/20

reg_asym_atl_dd_rms vs Slug



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

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

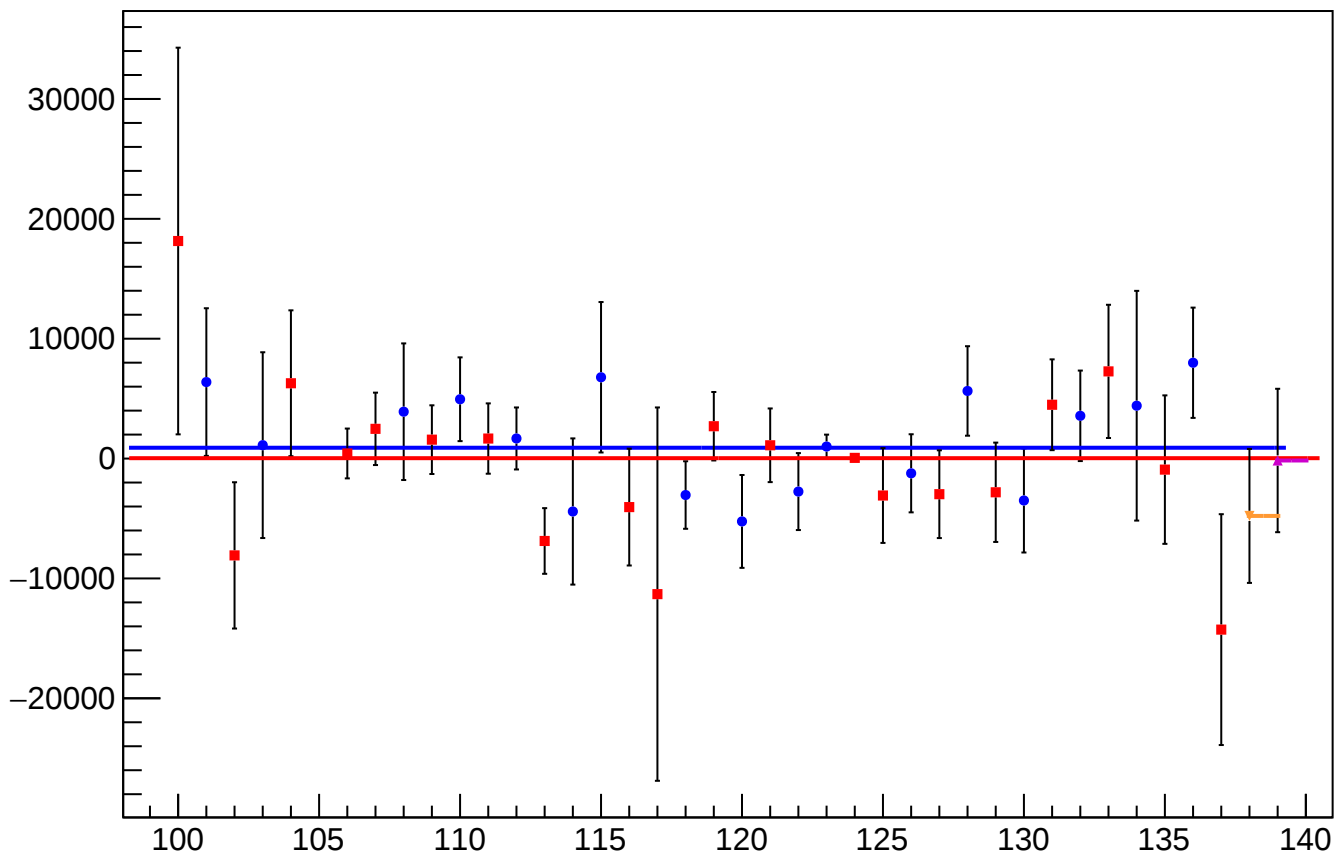
Right Out: 1719.963+/-0.464 χ^2/NDF : 396217.5/19

Left In: 1891.522+/-1.578 χ^2/NDF : 0.0/0

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

1733.604+/-0.445 χ^2/NDF : 407091.9/20

asym_atl_dd_correction_mean vs Slug



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

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

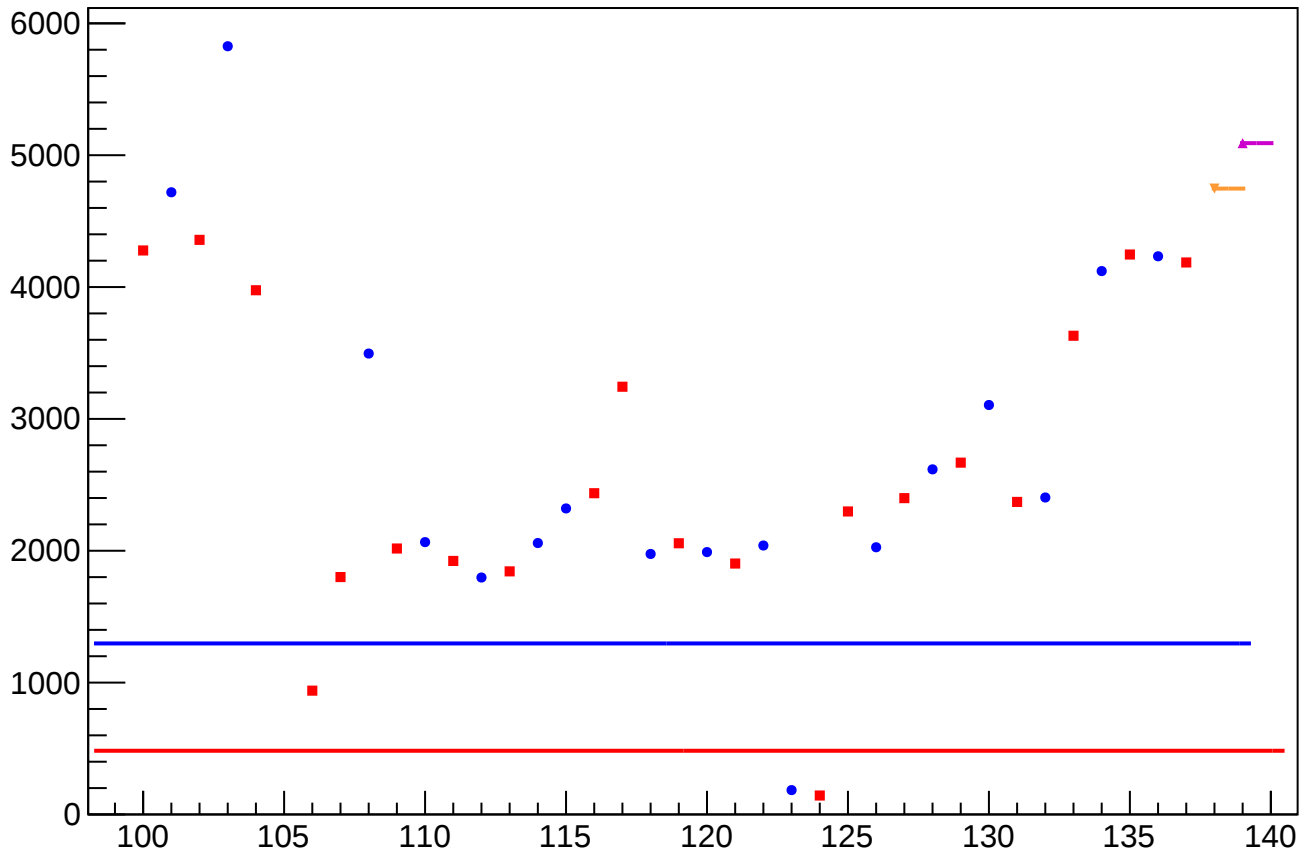
Right Out: 32.177+/-357.083 χ^2/NDF : 21.0/19

Left In: -160.235+/-5982.104 χ^2/NDF : 0.0/0

814.083+/-700.007 χ^2/NDF : 17.0/17

31.494+/-356.448 χ^2/NDF : 21.0/20

asym_atl_dd_correction_rms vs Slug



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

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

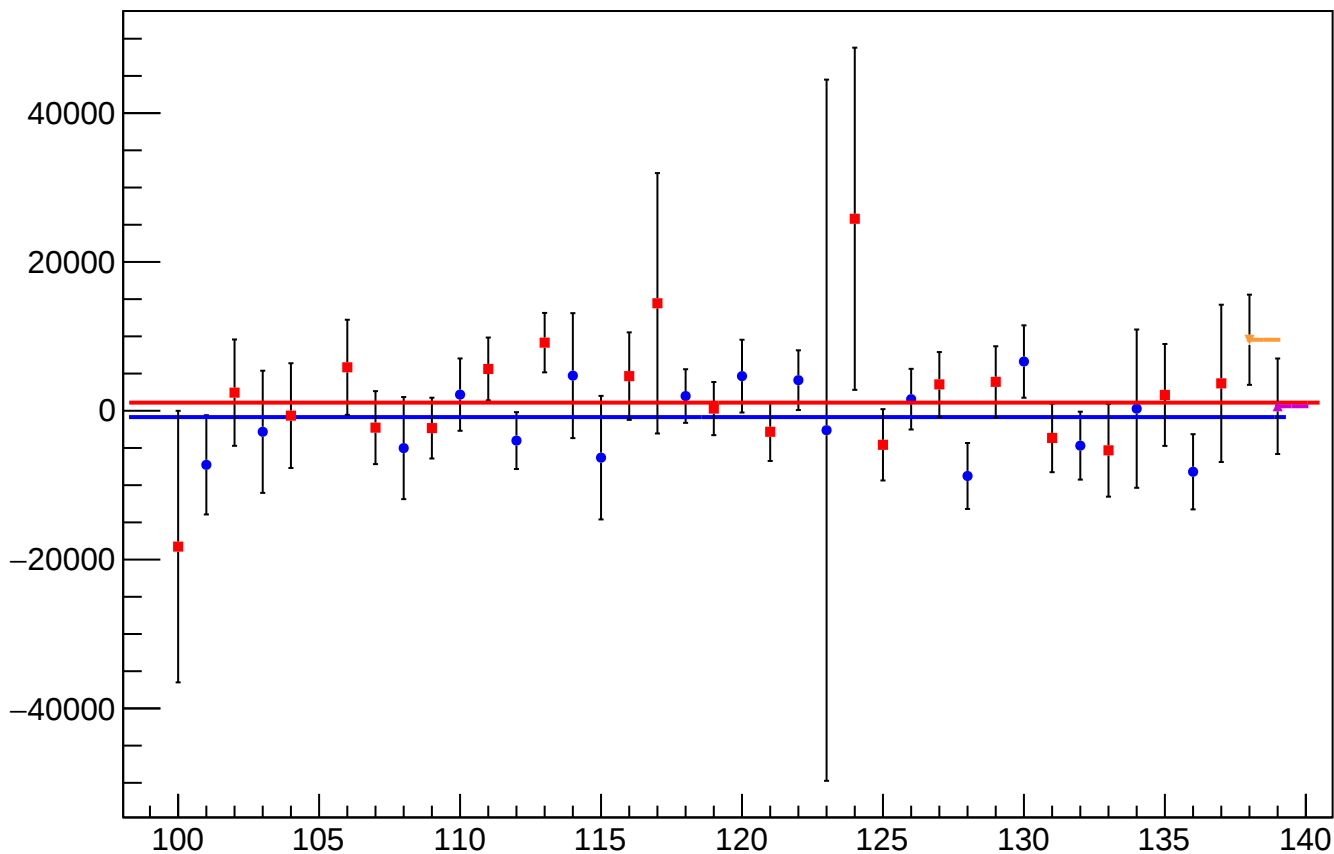
1351.137+/-0.495 χ^2/NDF : 7259867.5/17

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

499.392+/-0.252 χ^2/NDF : 11389798.2/20

Left In: 5091.482+/-4.230 χ^2/NDF : 0.0/0

asym_atl_dd_mean vs Slug



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

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

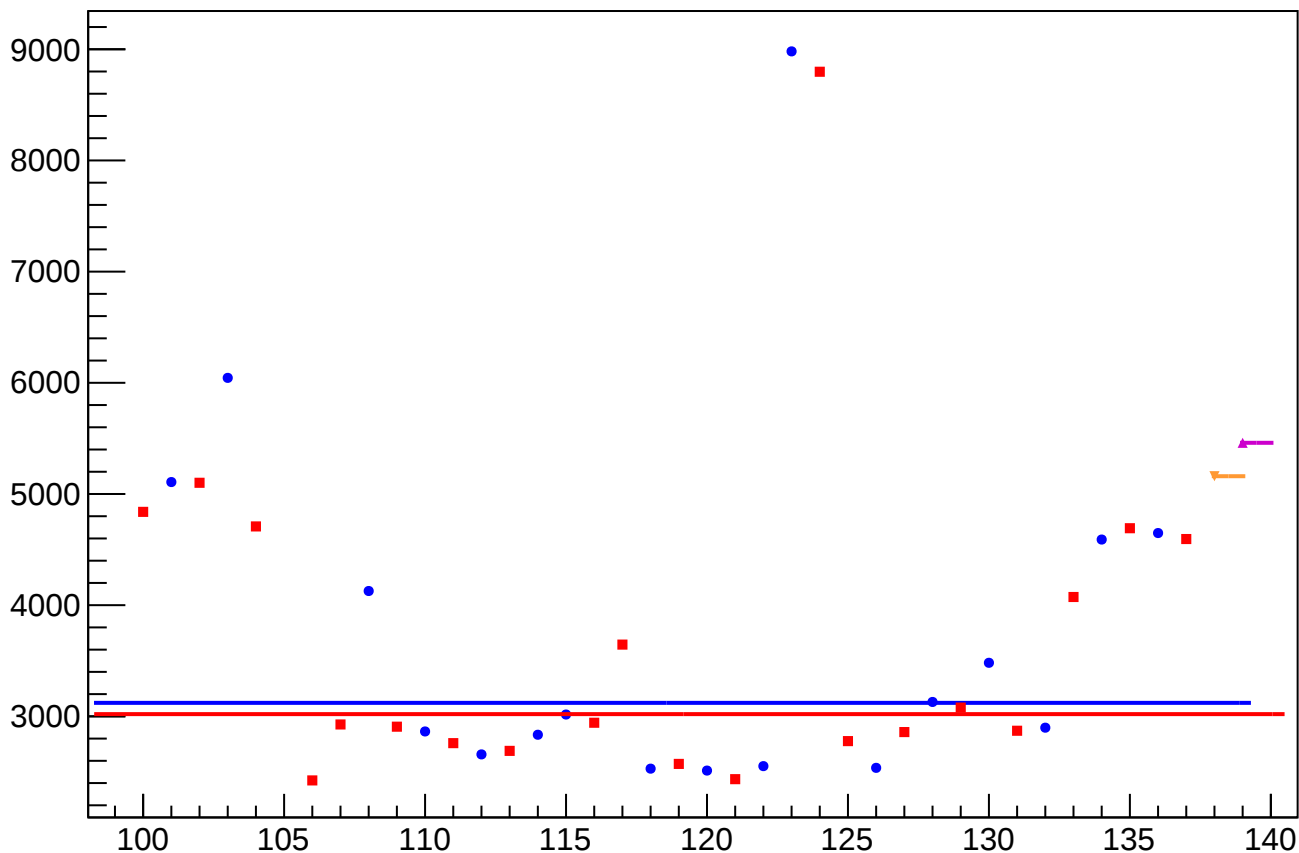
Right Out: 1095.033+/-1187.966 χ^2/NDF : 15.6/19

Left In: 606.184+/-6419.830 χ^2/NDF : 0.0/0

-417.958+/-1234.578 χ^2/NDF : 18.3/17

1078.847+/-1168.135 χ^2/NDF : 15.6/20

asym_atl_dd_rms vs Slug



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

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

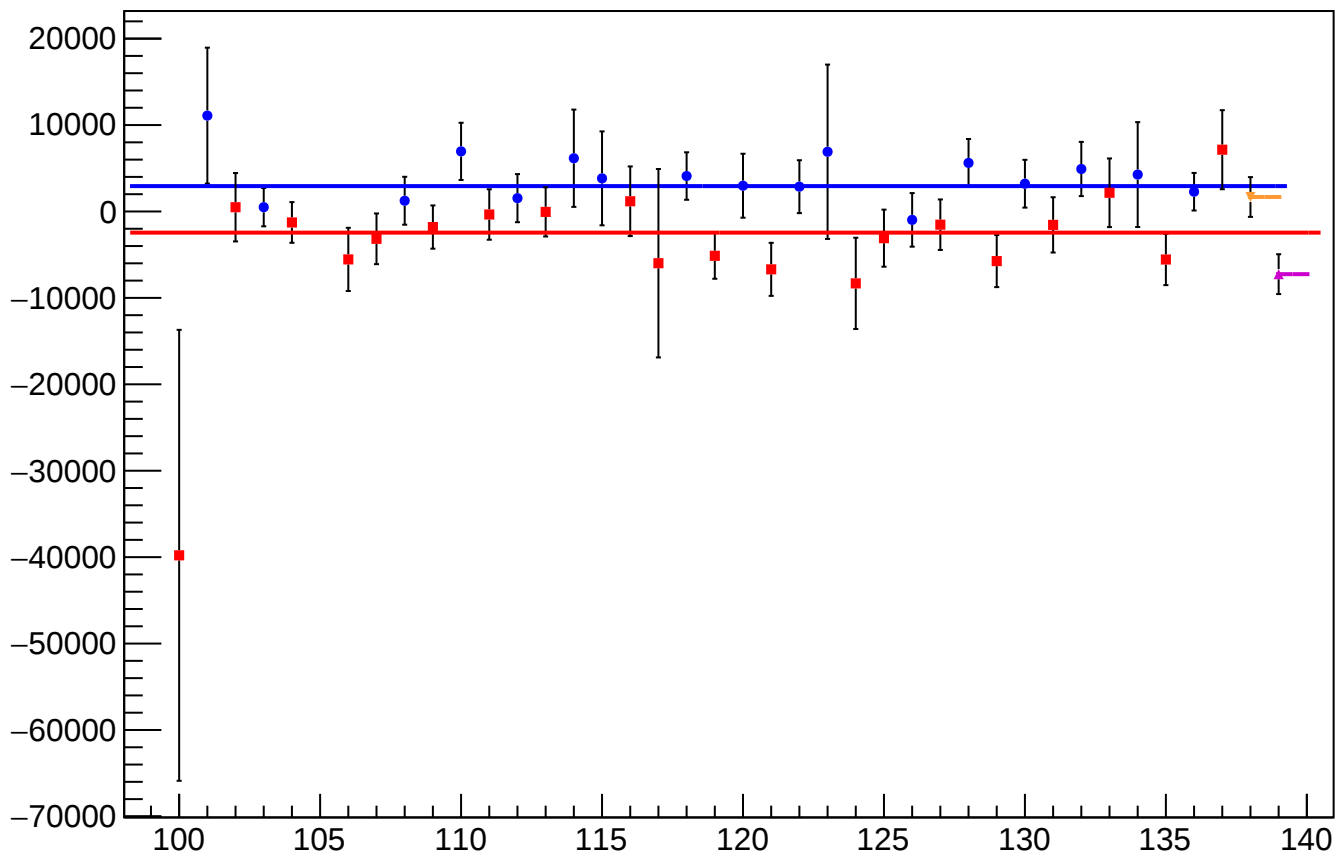
Right Out: 3020.039+/-0.830 χ^2/NDF : 794563.8/19

Left In: 5460.363+/-4.540 χ^2/NDF : 0.0/0

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

3098.909+/-0.816 χ^2/NDF : 1074210.5/20

reg_asym_atr_avg_mean vs Slug



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

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

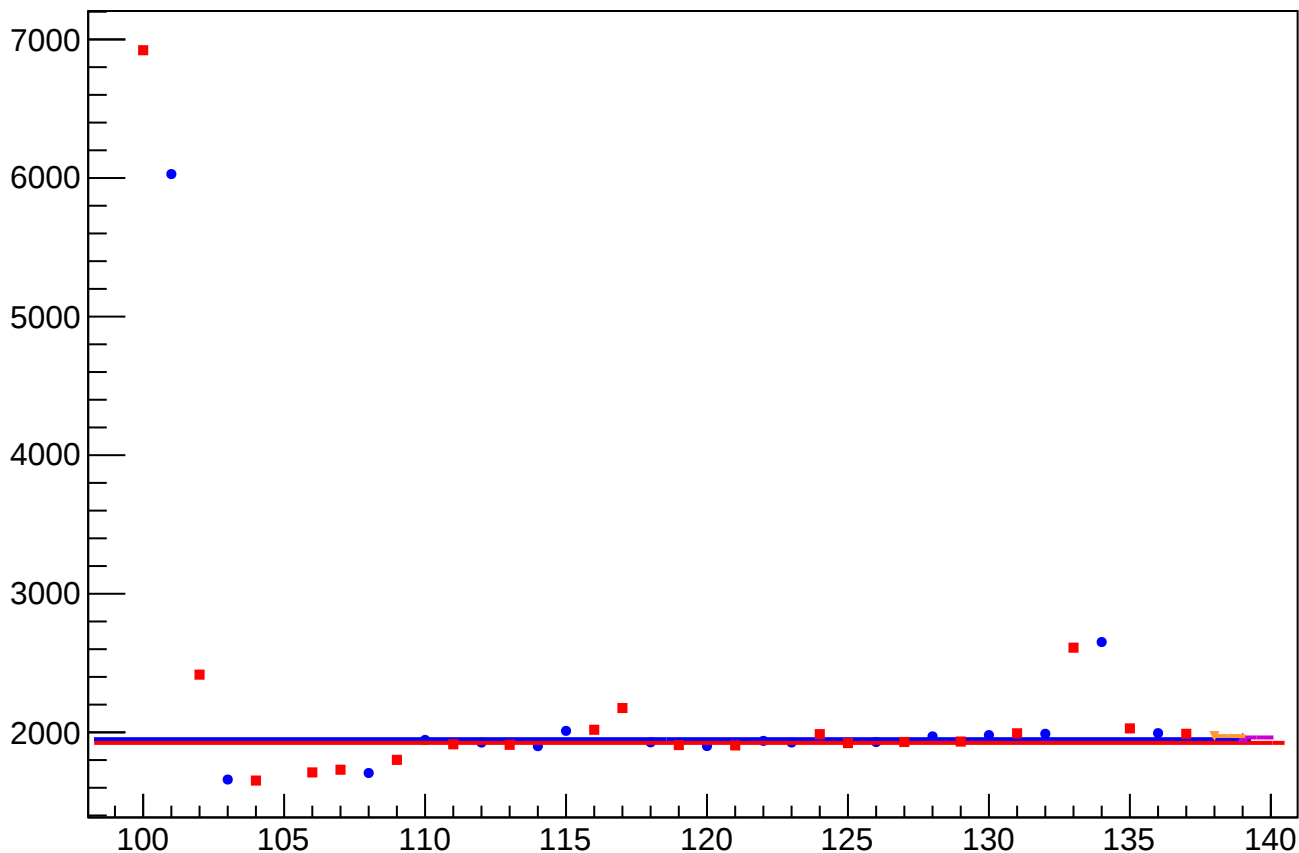
Right Out: -2449.072+/-738.715 χ^2/NDF : 18.3/19

Left In: -7254.337+/-2303.914 χ^2/NDF : 0.0/0

2807.279+/-734.759 χ^2/NDF : 8.4/17

-2897.032+/-703.440 χ^2/NDF : 22.2/20

reg_asym_atr_avg_rms vs Slug



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

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

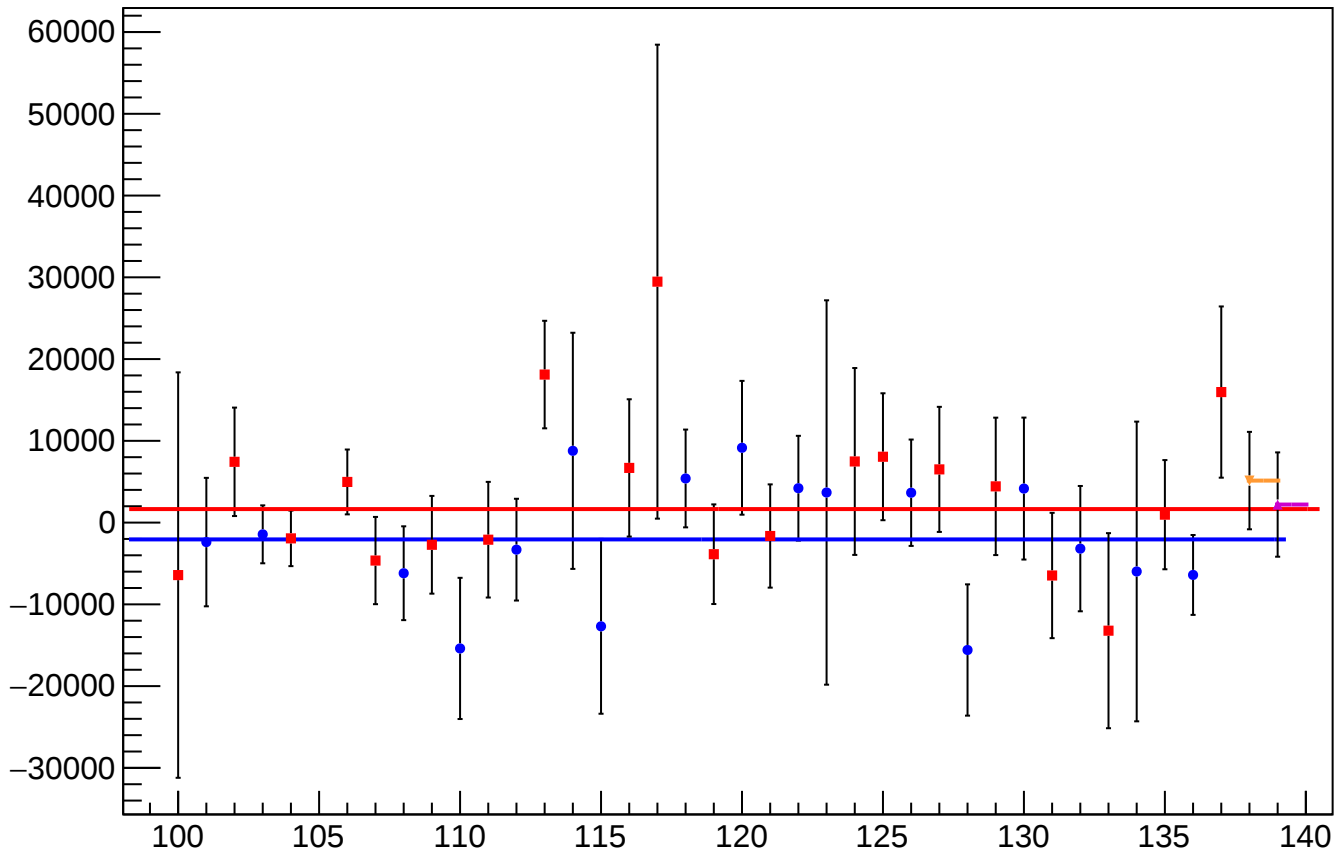
Right Out: 1923.907+/-0.521 χ^2/NDF : 218470.6/19

Left In: 1962.999+/-1.629 χ^2/NDF : 0.0/0

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

1927.536+/-0.496 χ^2/NDF : 218993.0/20

asym_atr_avg_correction_mean vs Slug



Right In: -2056.876 $\pm$ 1661.079 χ^2 /NDF: 14.0/16

Left Out: 5137.467 $\pm$ 5958.987 χ^2 /NDF: 0.0/0

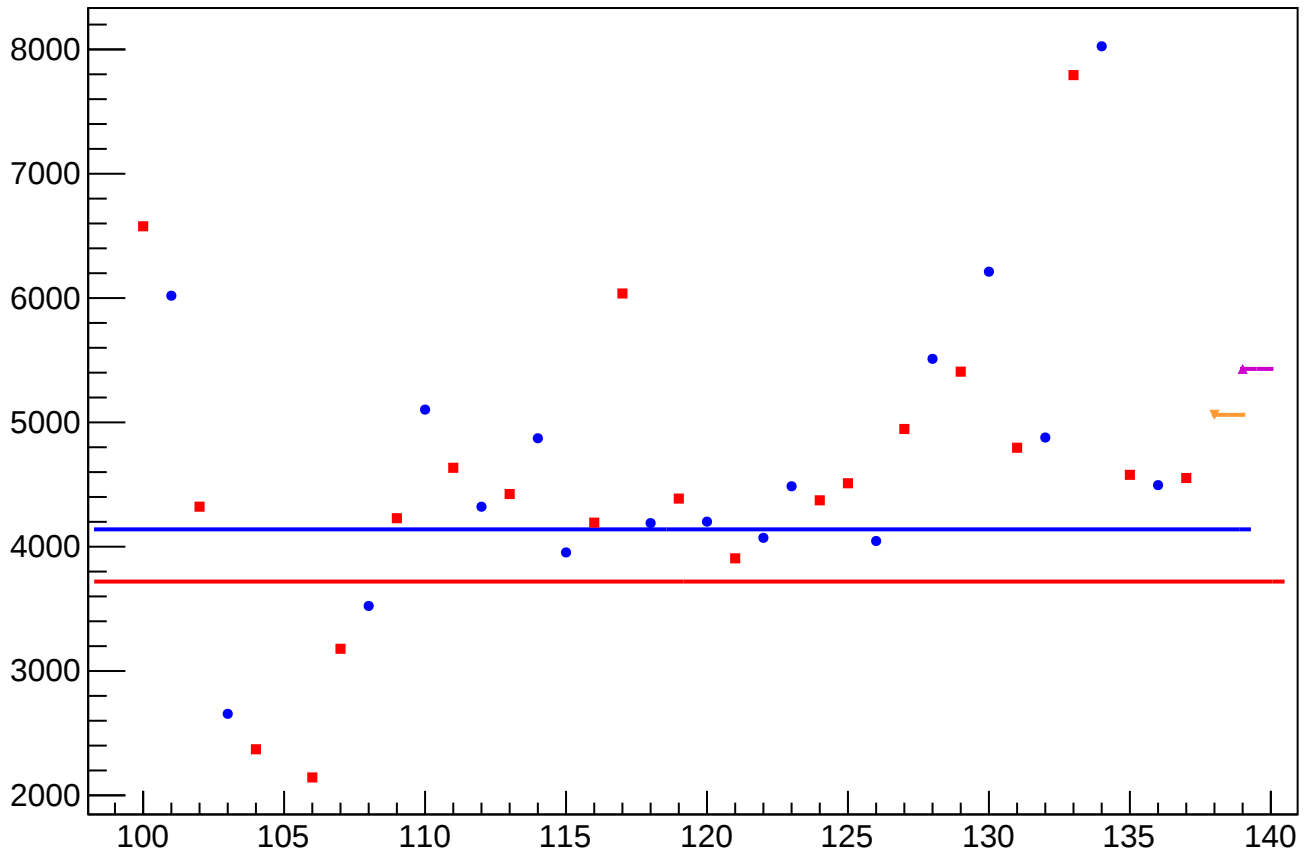
Right Out: 1652.978 $\pm$ 1475.490 χ^2 /NDF: 19.5/19

Left In: 2206.432 $\pm$ 6379.679 χ^2 /NDF: 0.0/0

-1538.162 $\pm$ 1600.076 χ^2 /NDF: 15.3/17

1681.080 $\pm$ 1437.543 χ^2 /NDF: 19.5/20

asym_atr_avg_correction_rms vs Slug



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

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

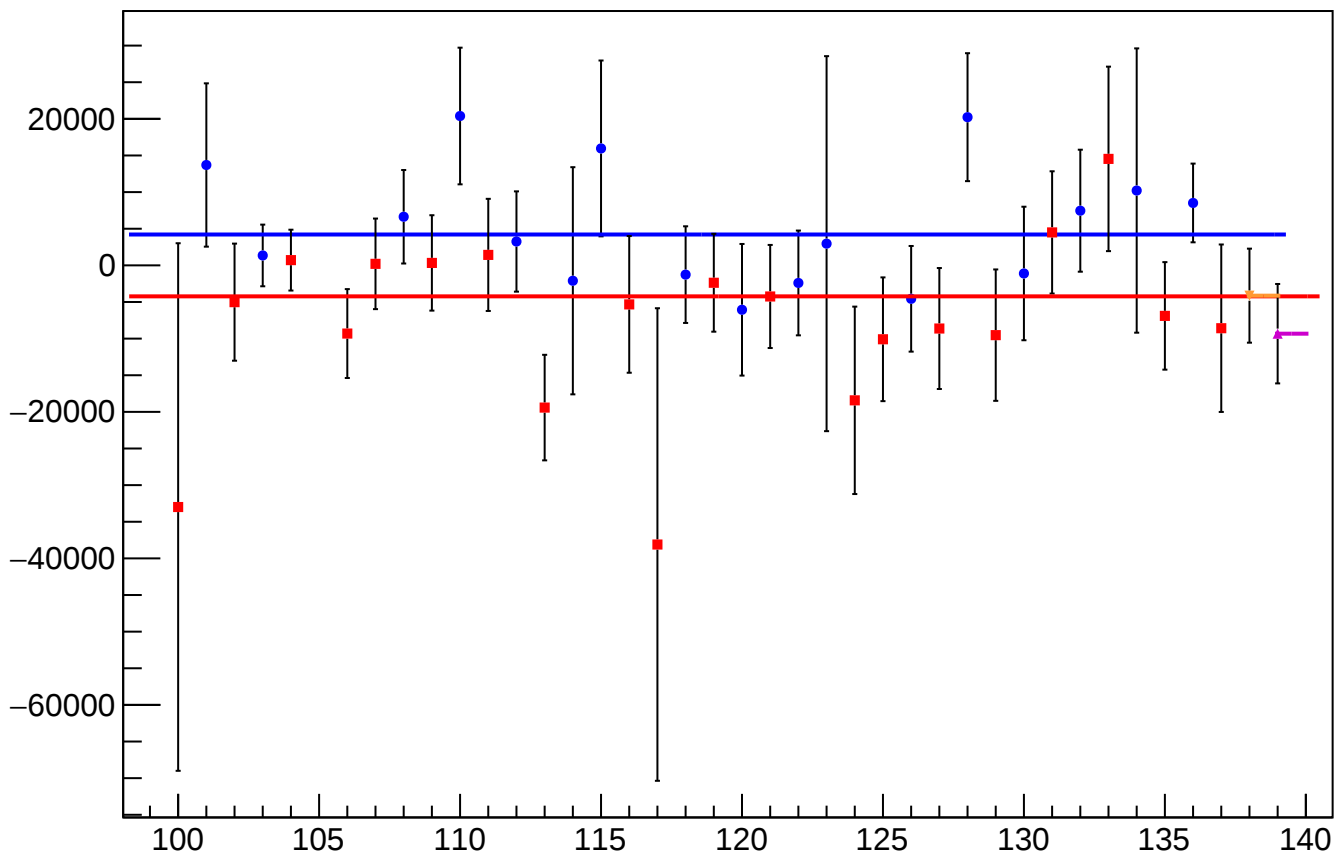
4205.825+/-1.131 χ^2/NDF : 857917.6/17

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

3806.407+/-1.016 χ^2/NDF : 1425155.8/20

Left In: 5430.284+/-4.511 χ^2/NDF : 0.0/0

asym_atr_avg_mean vs Slug



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

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

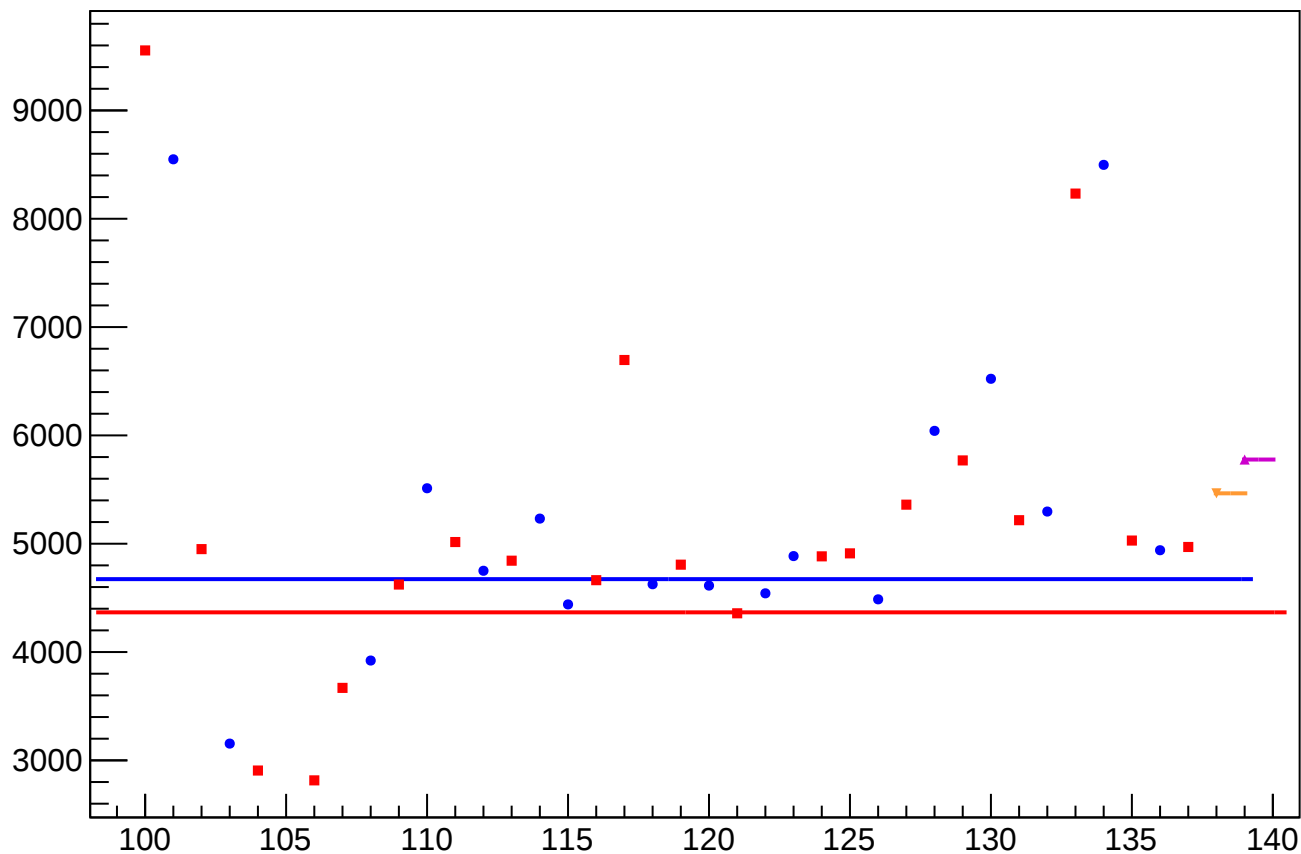
Right Out: -4230.596+/-1722.878 χ^2/NDF : 15.9/19

Left In: -9327.204+/-6785.758 χ^2/NDF : 0.0/0

3557.776+/-1796.506 χ^2/NDF : 16.0/17

-4539.243+/-1669.895 χ^2/NDF : 16.4/20

asym_atr_avg_rms vs Slug



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

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

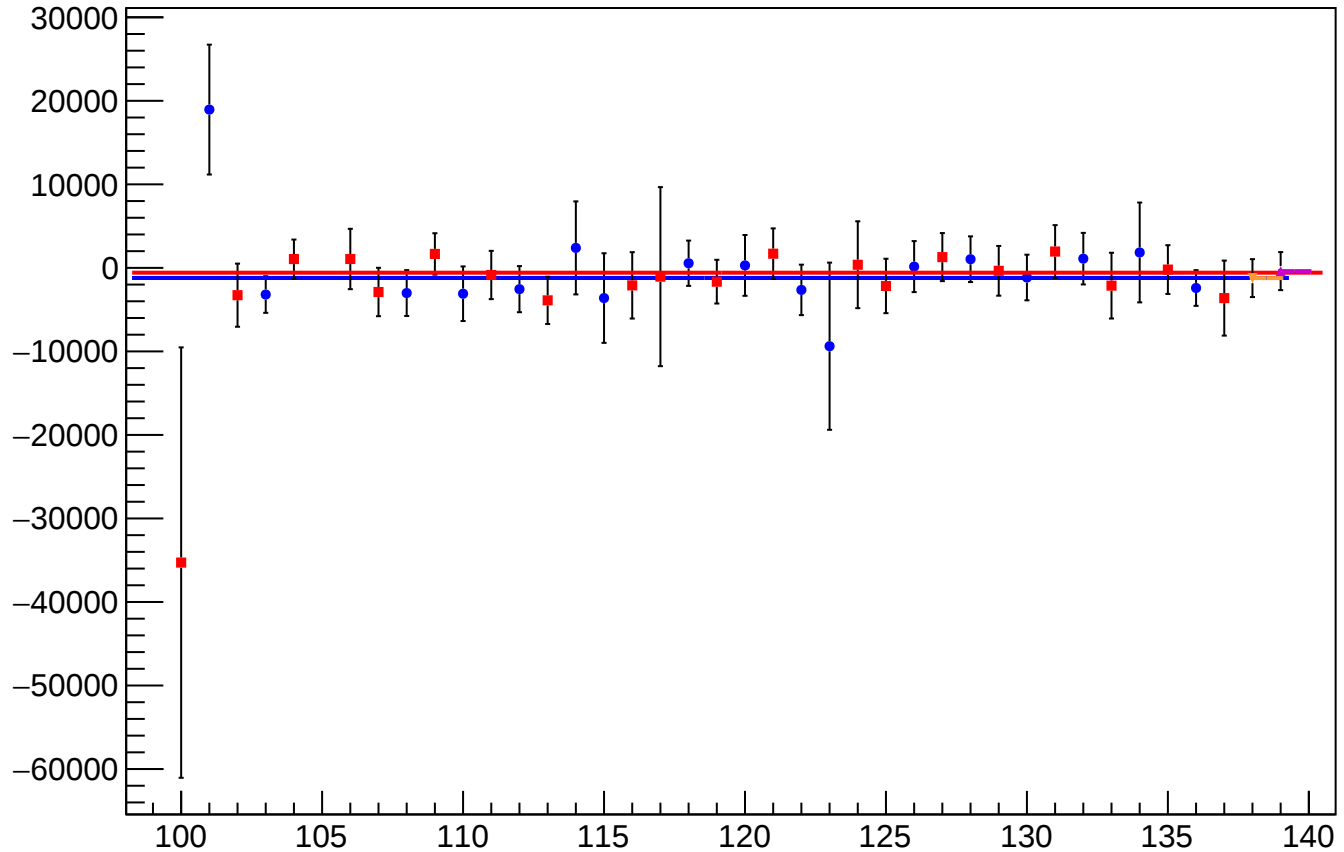
Right Out: 4366.422+/-1.211 χ^2/NDF : 842654.3/19

Left In: 5777.165+/-4.798 χ^2/NDF : 0.0/0

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

4450.934+/-1.174 χ^2/NDF : 923918.6/20

reg_asym_atr_dd_mean vs Slug



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

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

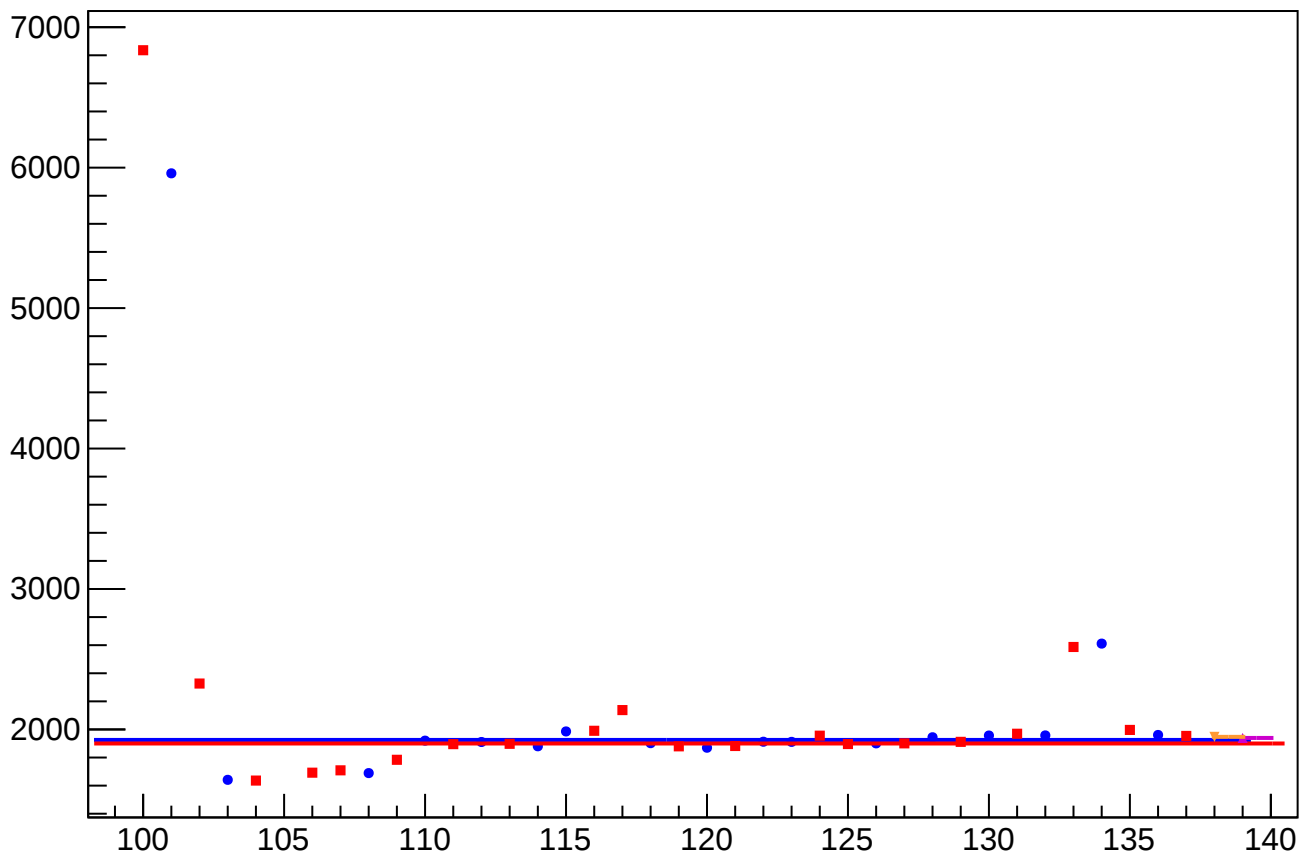
Right Out: -575.663+/-728.976 χ^2/NDF : 8.7/19

Left In: -386.843+/-2276.255 χ^2/NDF : 0.0/0

-1212.606+/-725.206 χ^2/NDF : 12.7/17

-558.098+/-694.243 χ^2/NDF : 8.7/20

reg_asym_atr_dd_rms vs Slug



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

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

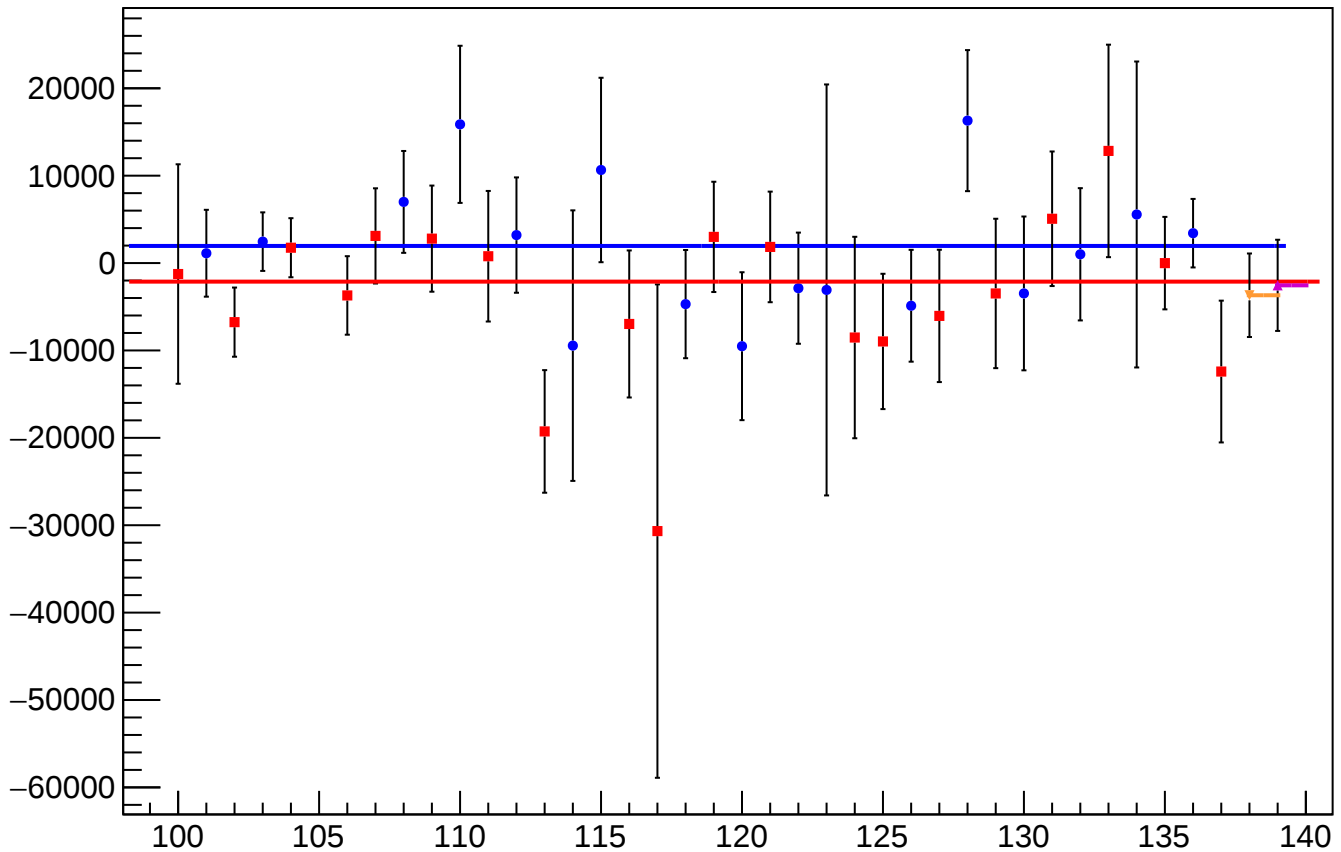
Right Out: 1899.955+/-0.514 χ^2/NDF : 211865.1/19

Left In: 1939.506+/-1.610 χ^2/NDF : 0.0/0

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

1903.619+/-0.490 χ^2/NDF : 212413.0/20

asym_atr_dd_correction_mean vs Slug



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

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

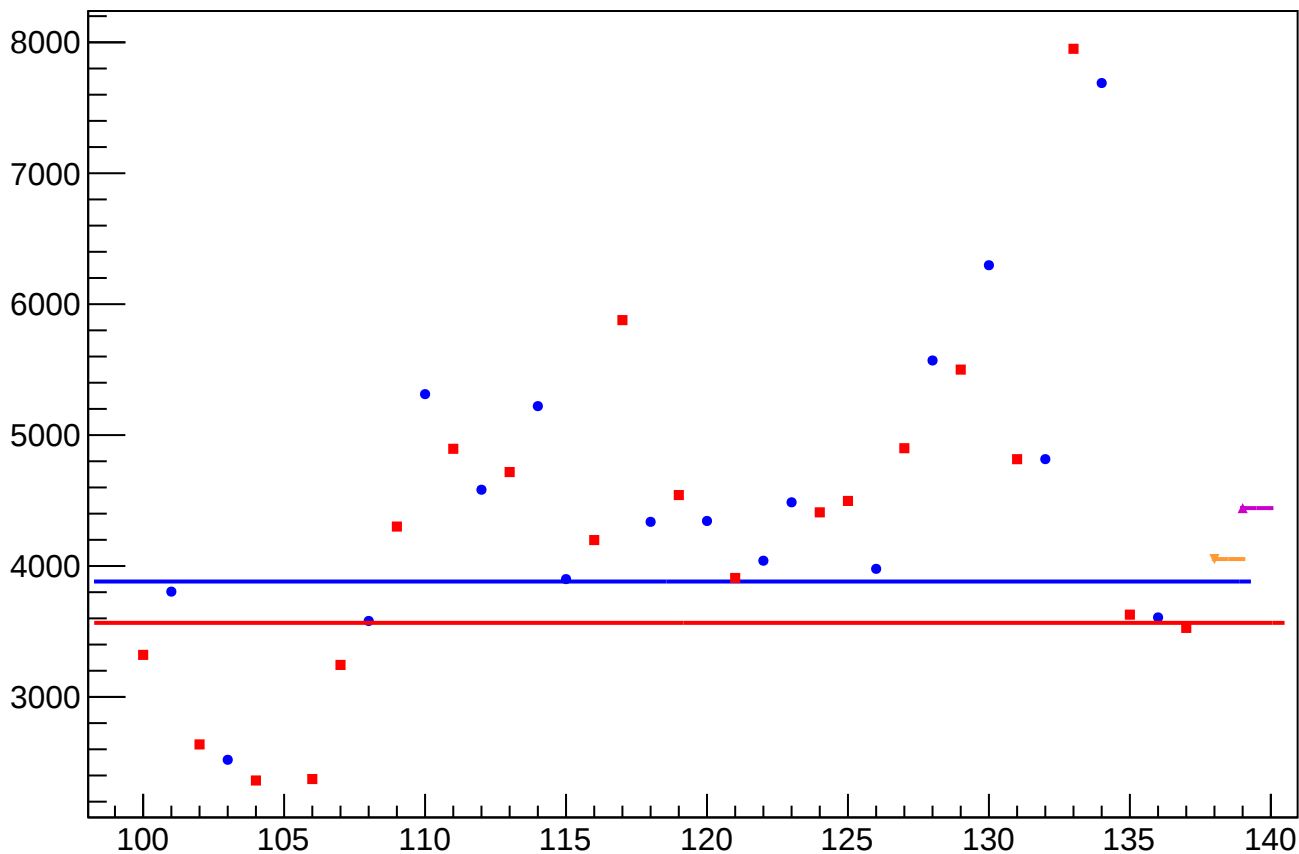
1417.710+/-1480.278 χ^2/NDF : 14.2/17

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

-2153.434+/-1362.843 χ^2/NDF : 18.5/20

Left In: -2549.627+/-5216.805 χ^2/NDF : 0.0/0

asym_atr_dd_correction_rms vs Slug



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

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

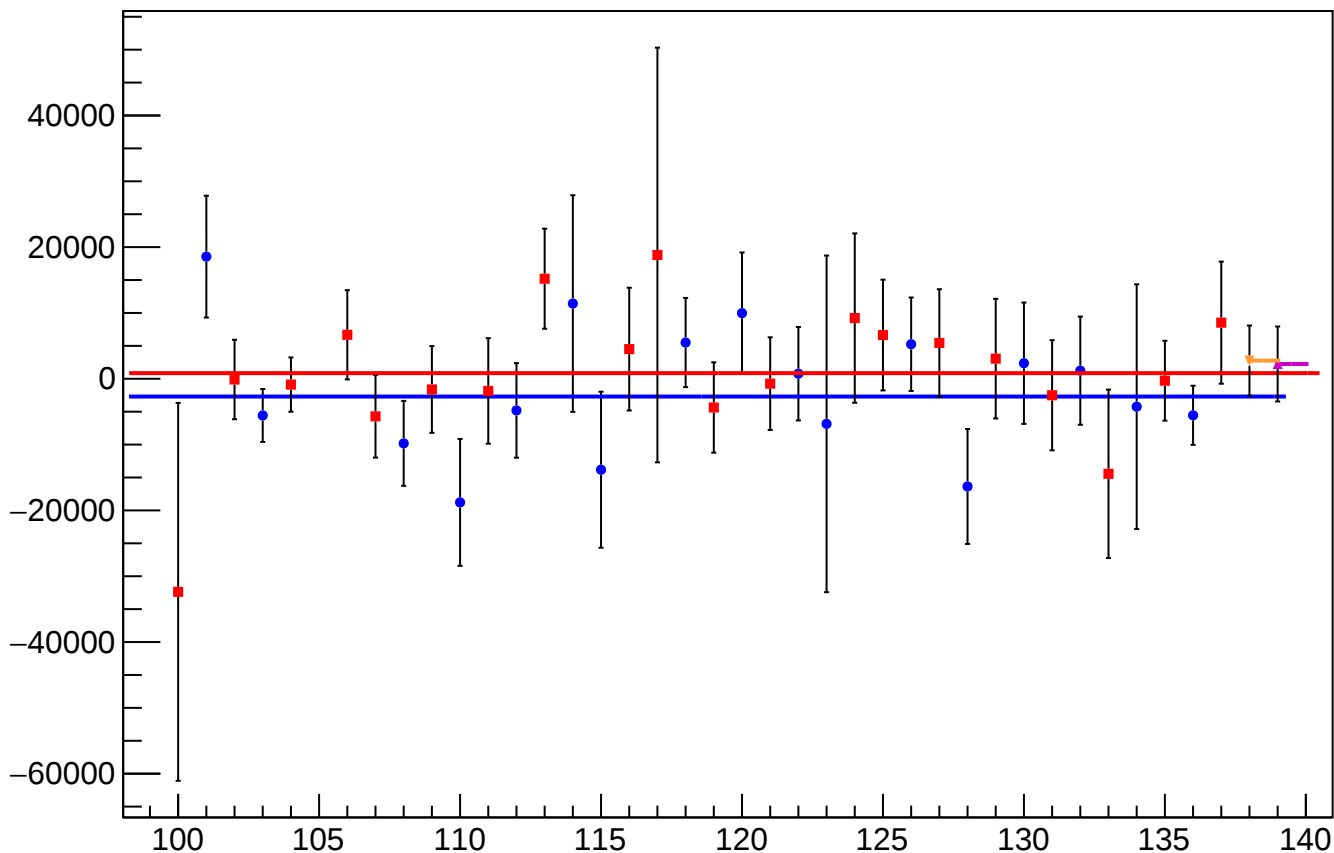
Right Out: 3565.851+/-0.998 χ^2/NDF : 1254973.6/19

Left In: 4442.369+/-3.689 χ^2/NDF : 0.0/0

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

3625.671+/-0.964 χ^2/NDF : 1307580.6/20

asym_atr_dd_mean vs Slug



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

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

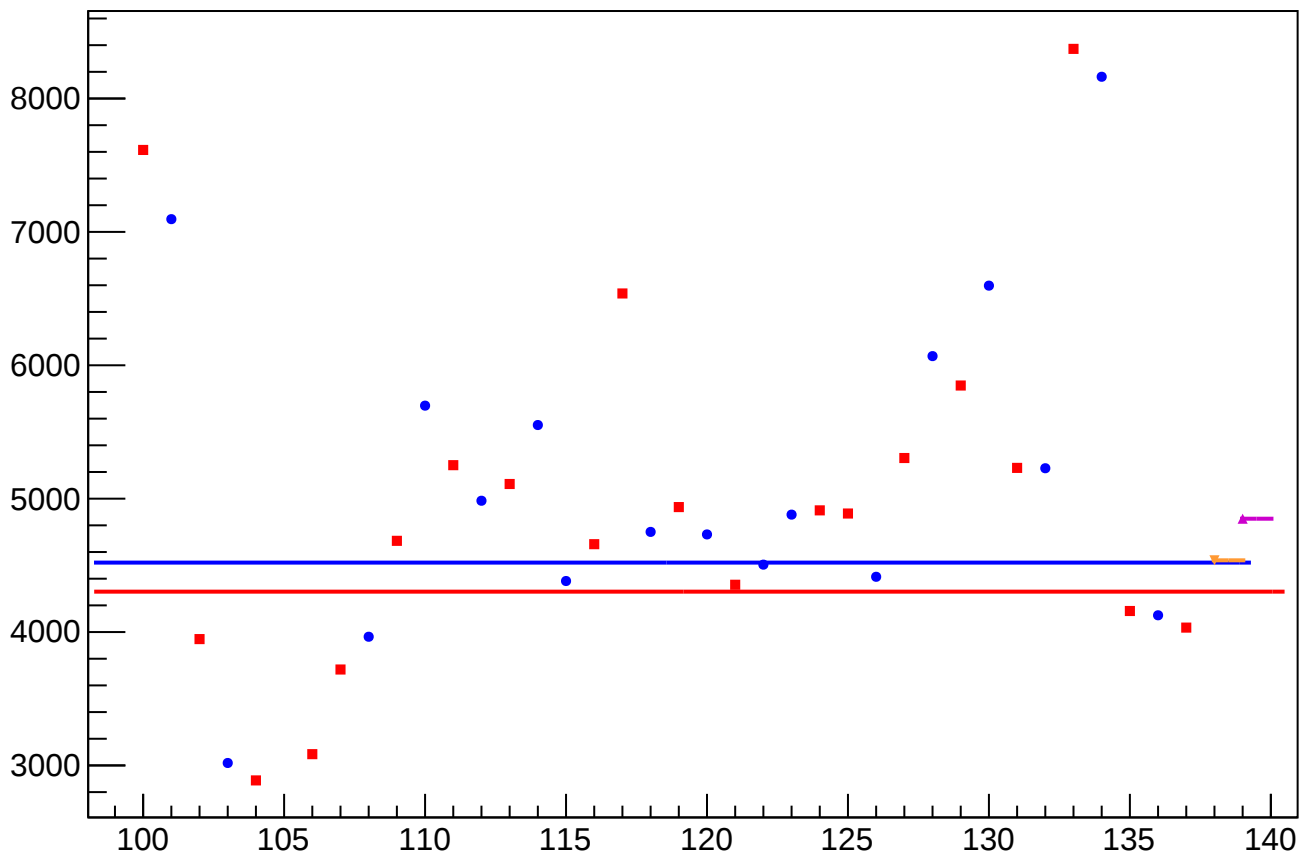
Right Out: 857.617 ± 1687.925 χ^2/NDF : 11.9/19

Left In: 2244.148 ± 5694.110 χ^2/NDF : 0.0/0

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

969.614 ± 1618.319 χ^2/NDF : 11.9/20

asym_atr_dd_rms vs Slug



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

Left Out: 4537.753+/-3.768 χ^2/NDF : 0.0/0

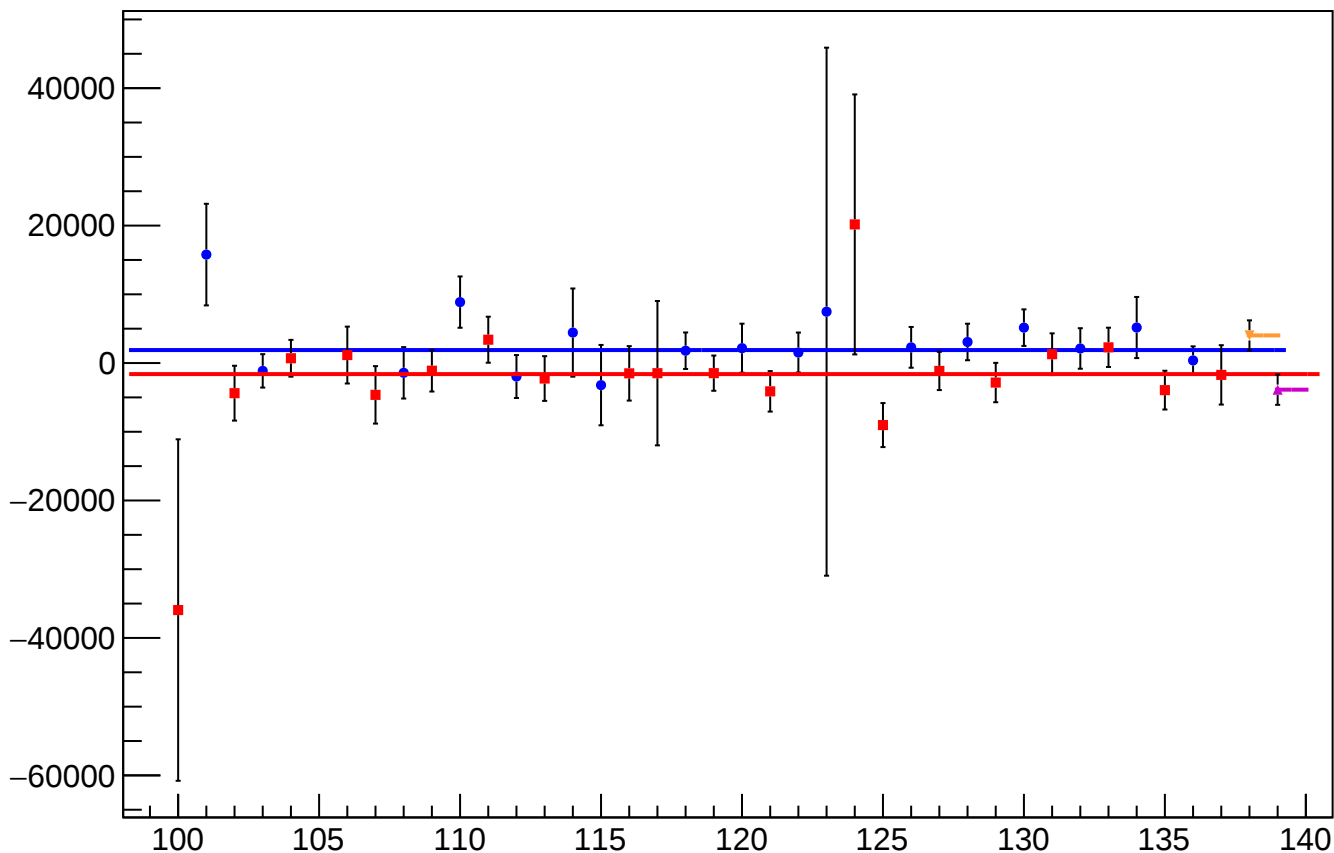
Right Out: 4302.892+/-1.187 χ^2/NDF : 781886.1/19

Left In: 4849.756+/-4.026 χ^2/NDF : 0.0/0

4522.448+/-1.211 χ^2/NDF : 770905.8/17

4346.617+/-1.139 χ^2/NDF : 798858.6/20

reg_asym_at1_avg_mean vs Slug



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

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

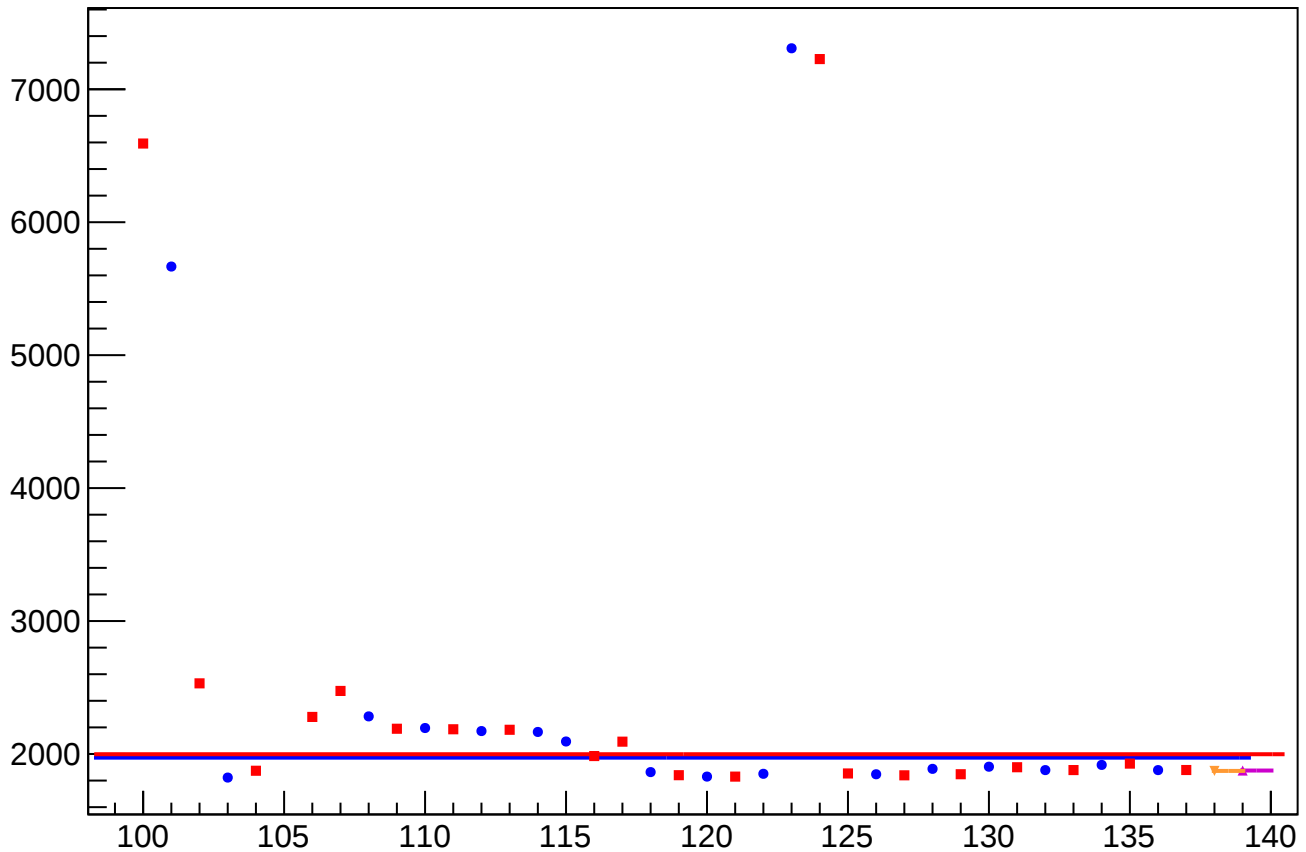
Right Out: -1609.604+/-763.815 χ^2/NDF : 17.5/19

Left In: -3873.195+/-2207.153 χ^2/NDF : 0.0/0

2130.551+/-737.957 χ^2/NDF : 15.5/17

-1851.698+/-721.814 χ^2/NDF : 18.4/20

reg_asym_at1_avg_rms vs Slug



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

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

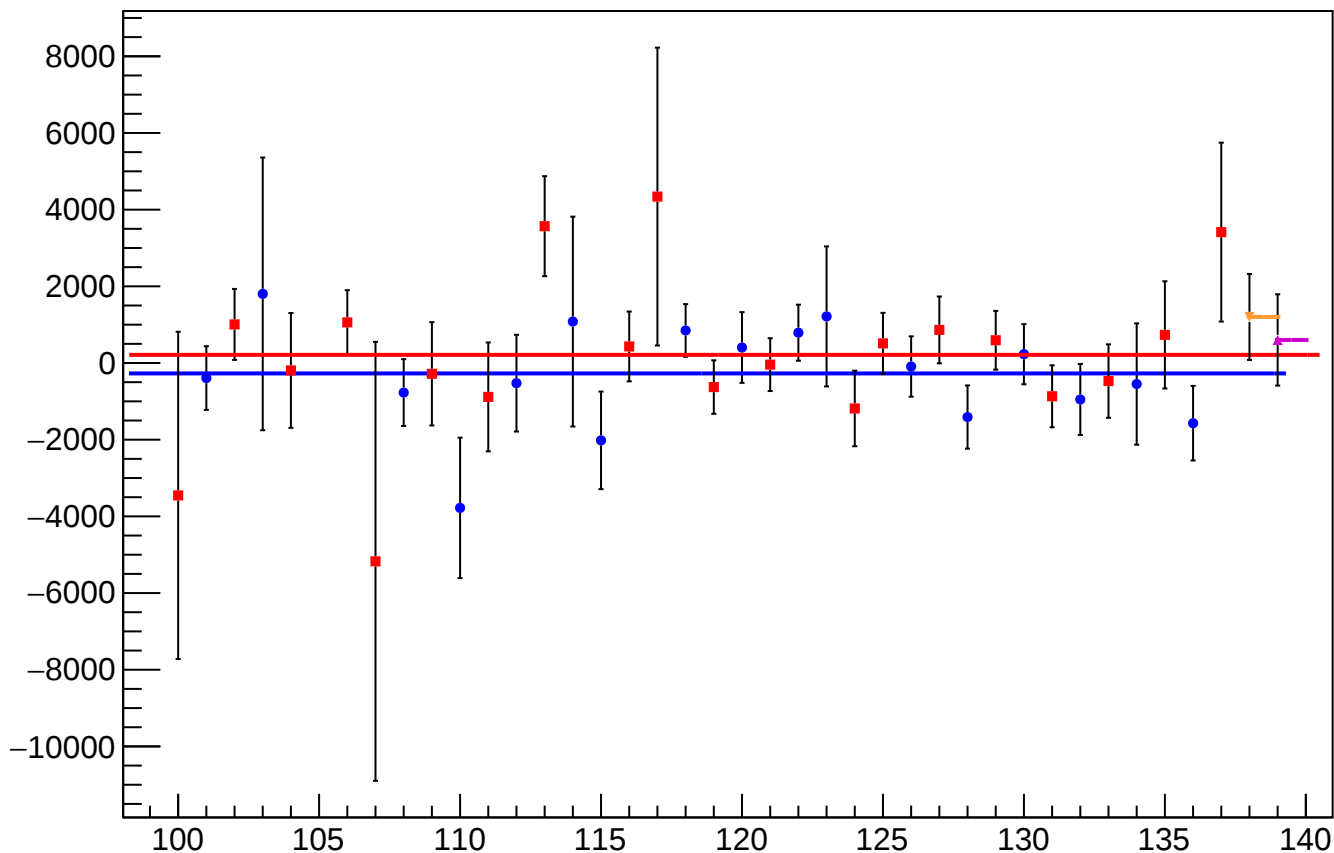
Right Out: 1998.150+/-0.540 χ^2/NDF : 355735.1/19

Left In: 1875.455+/-1.561 χ^2/NDF : 0.0/0

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

1985.027+/-0.510 χ^2/NDF : 361254.6/20

asym_at1_avg_correction_mean vs Slug



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

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

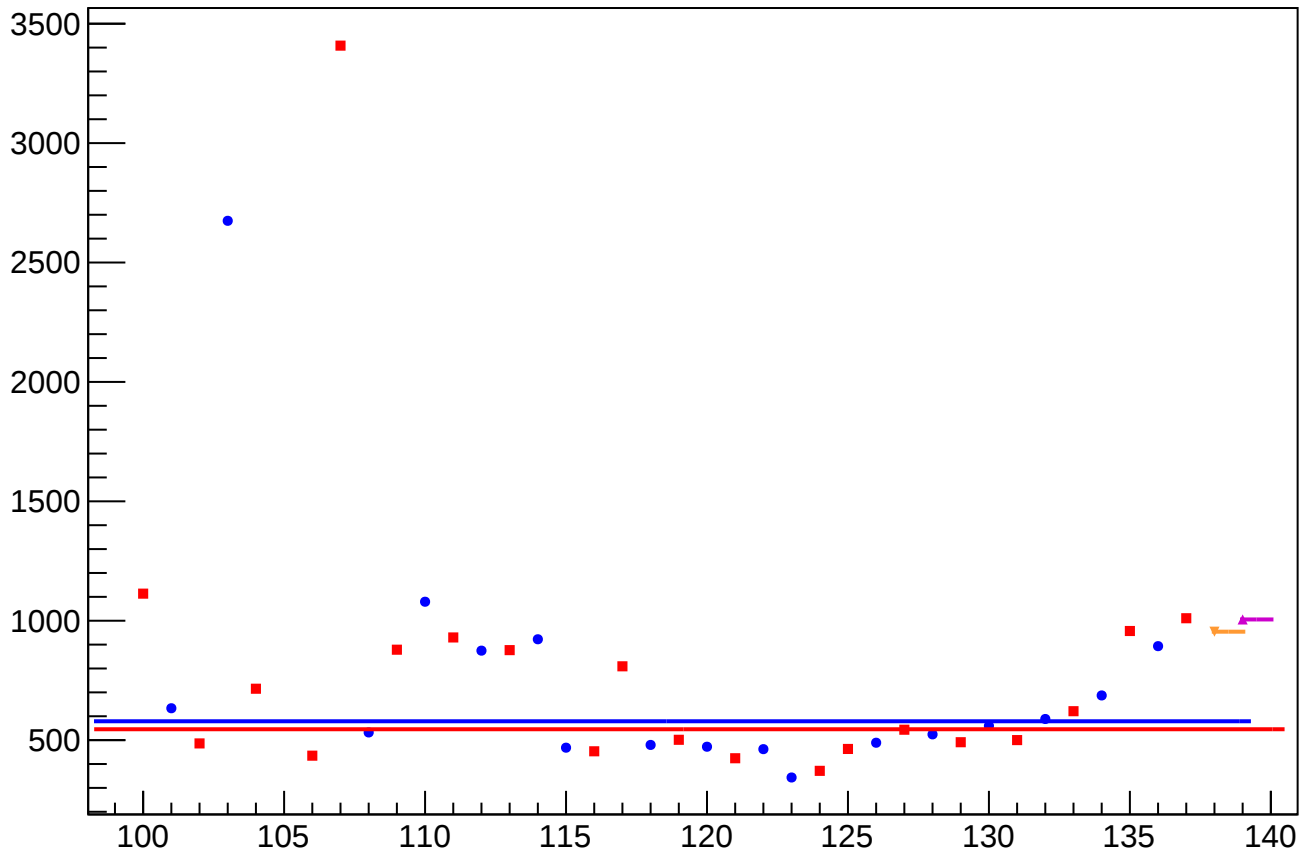
Right Out: 212.774+/-228.638 χ^2/NDF : 20.9/19

Left In: 601.883+/-1191.094 χ^2/NDF : 0.0/0

-207.088+/-234.882 χ^2/NDF : 18.9/17

226.603+/-224.539 χ^2/NDF : 21.0/20

asym_at1_avg_correction_rms vs Slug



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

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

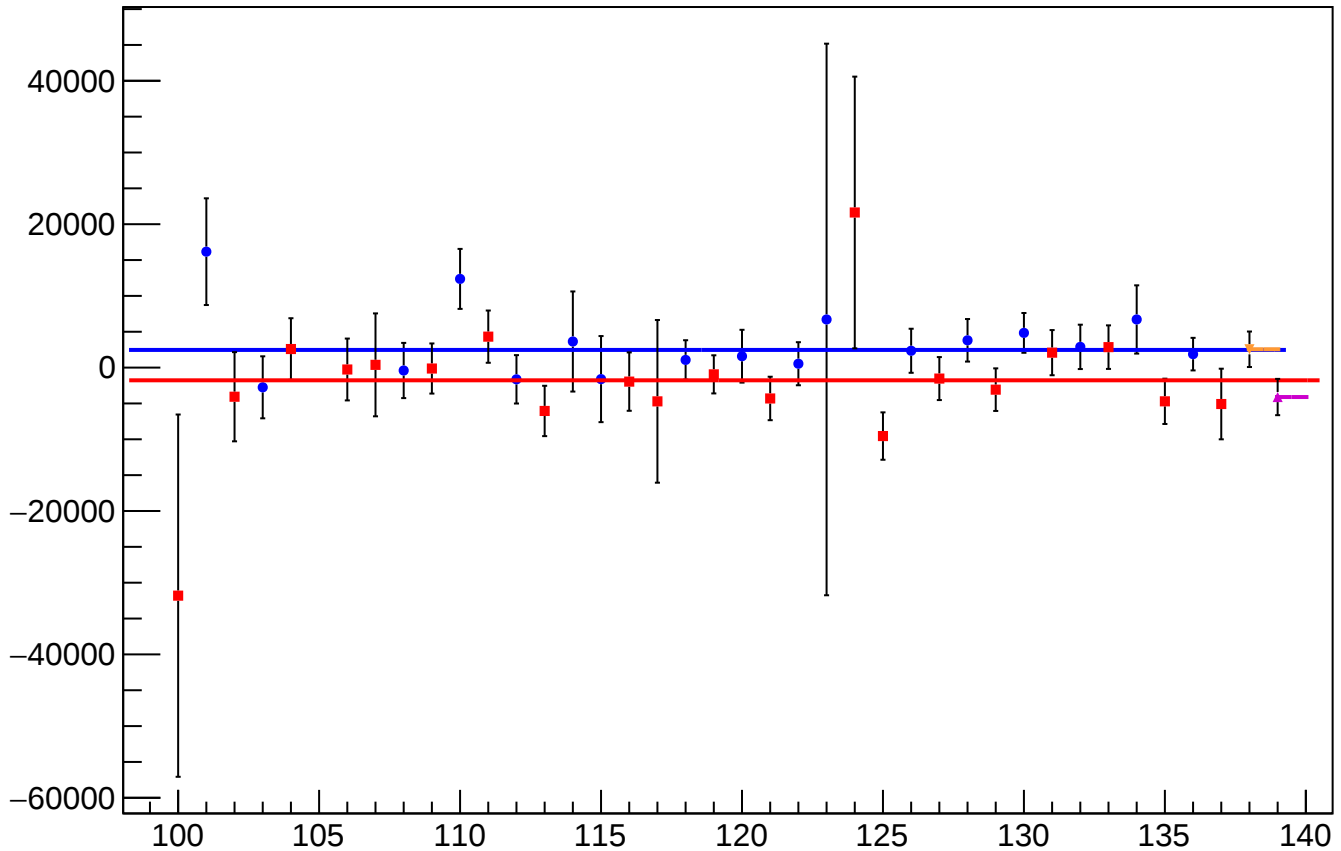
Right Out: 545.590 $\pm$ 0.162 χ^2 /NDF: 1467038.8/19

Left In: 1005.338 $\pm$ 0.842 χ^2 /NDF: 0.0/0

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

561.928 $\pm$ 0.159 χ^2 /NDF: 1754422.8/20

asym_at1_avg_mean vs Slug



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

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

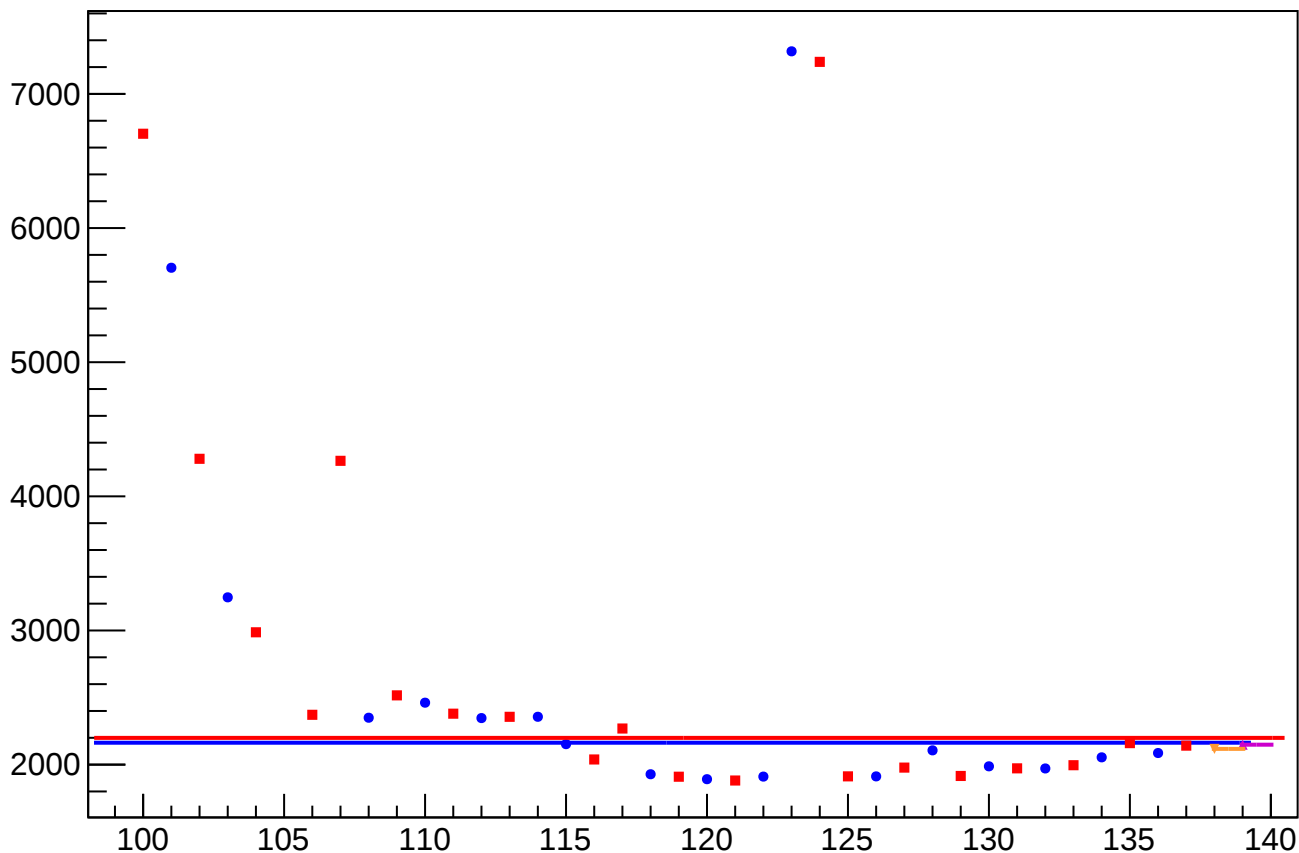
Right Out: -1773.396+/-850.889 χ^2/NDF : 20.5/19

Left In: -4105.258+/-2530.457 χ^2/NDF : 0.0/0

2473.979+/-815.069 χ^2/NDF : 15.5/17

-2010.276+/-806.513 χ^2/NDF : 21.3/20

asym_at1_avg_rms vs Slug



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

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

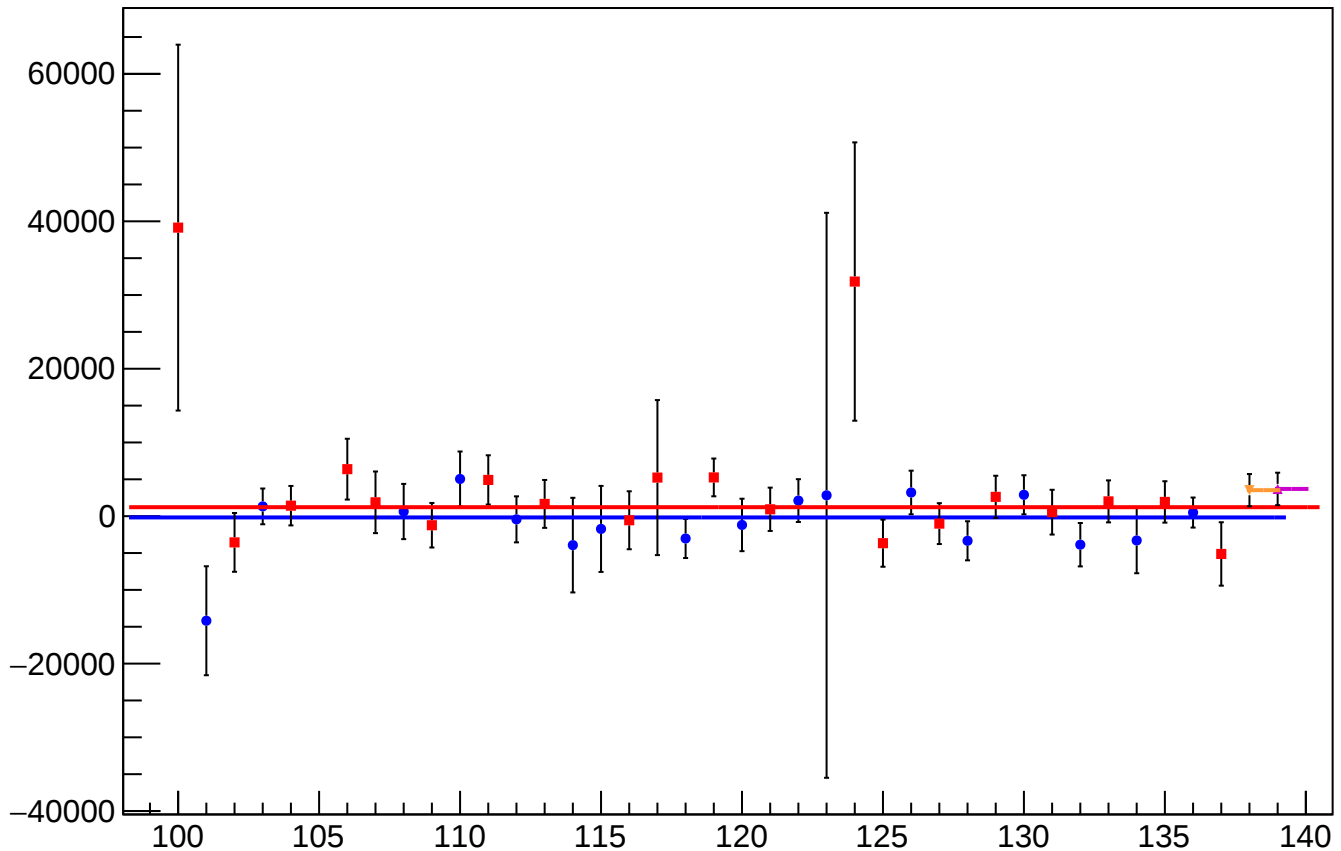
Right Out: 2199.398+/-0.602 χ^2/NDF : 803373.4/19

Left In: 2148.638+/-1.789 χ^2/NDF : 0.0/0

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

2194.241+/-0.570 χ^2/NDF : 804096.4/20

reg_asym_at1_dd_mean vs Slug



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

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

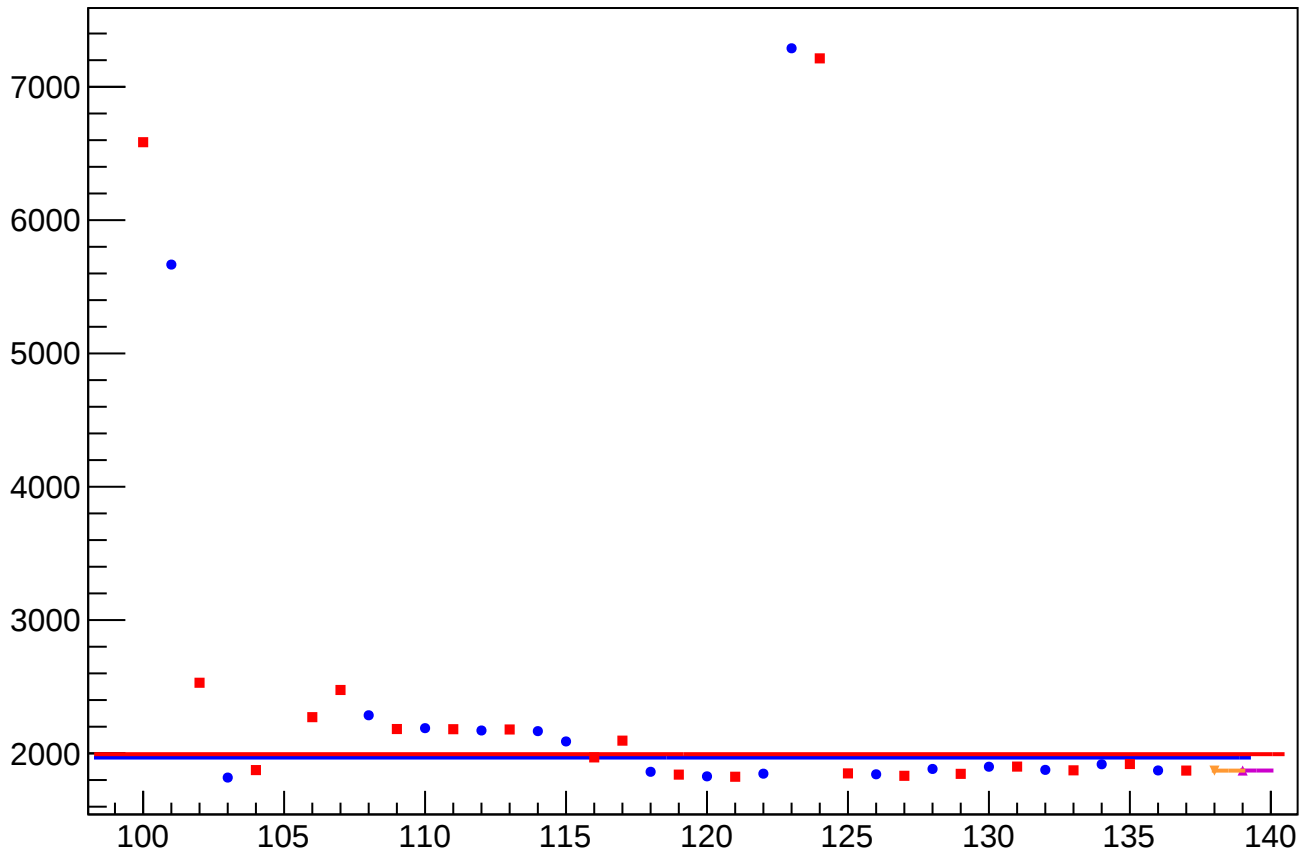
Right Out: 1218.753+/-762.243 χ^2/NDF : 18.3/19

Left In: 3695.261+/-2202.097 χ^2/NDF : 0.0/0

249.226+/-736.663 χ^2/NDF : 17.1/17

1483.729+/-720.311 χ^2/NDF : 19.5/20

reg_asym_at1_dd_rms vs Slug



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

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

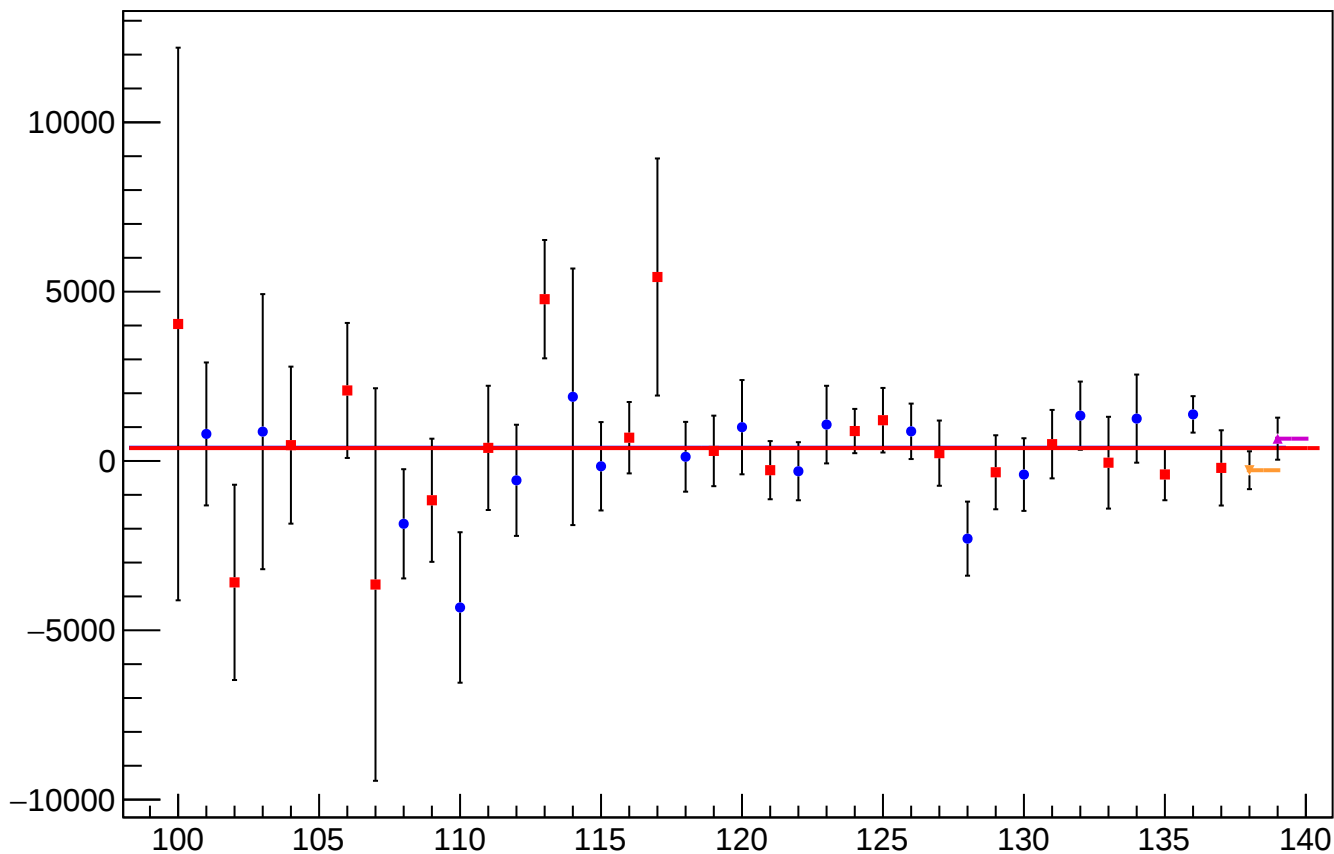
Right Out: 1993.958+/-0.539 χ^2/NDF : 356359.6/19

Left In: 1871.213+/-1.557 χ^2/NDF : 0.0/0

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

1980.824+/-0.509 χ^2/NDF : 361908.6/20

asym_at1_dd_correction_mean vs Slug



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

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

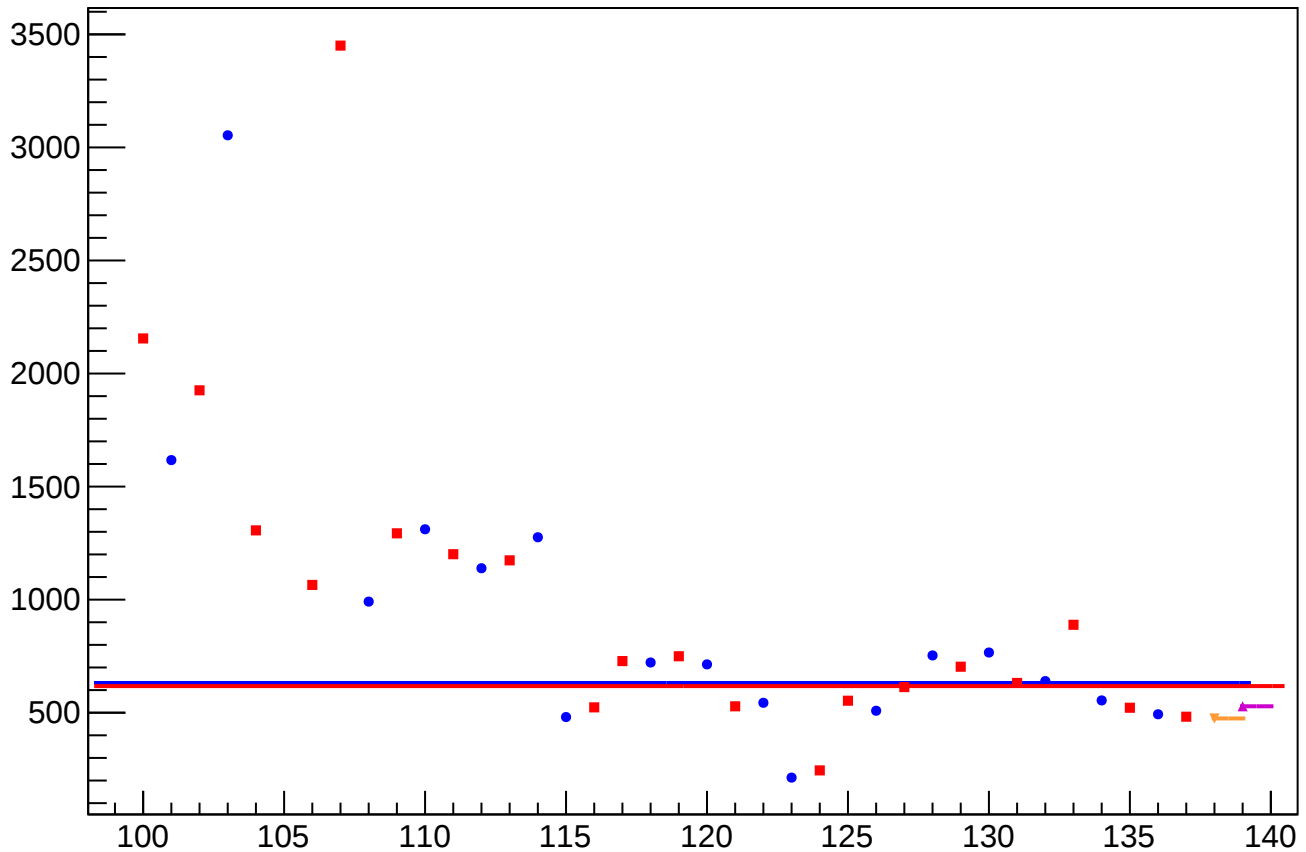
Right Out: 379.833+/-265.331 χ^2/NDF : 16.3/19

Left In: 658.462+/-621.028 χ^2/NDF : 0.0/0

265.202+/-243.227 χ^2/NDF : 21.2/17

422.842+/-243.995 χ^2/NDF : 16.5/20

asym_at1_dd_correction_rms vs Slug



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

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

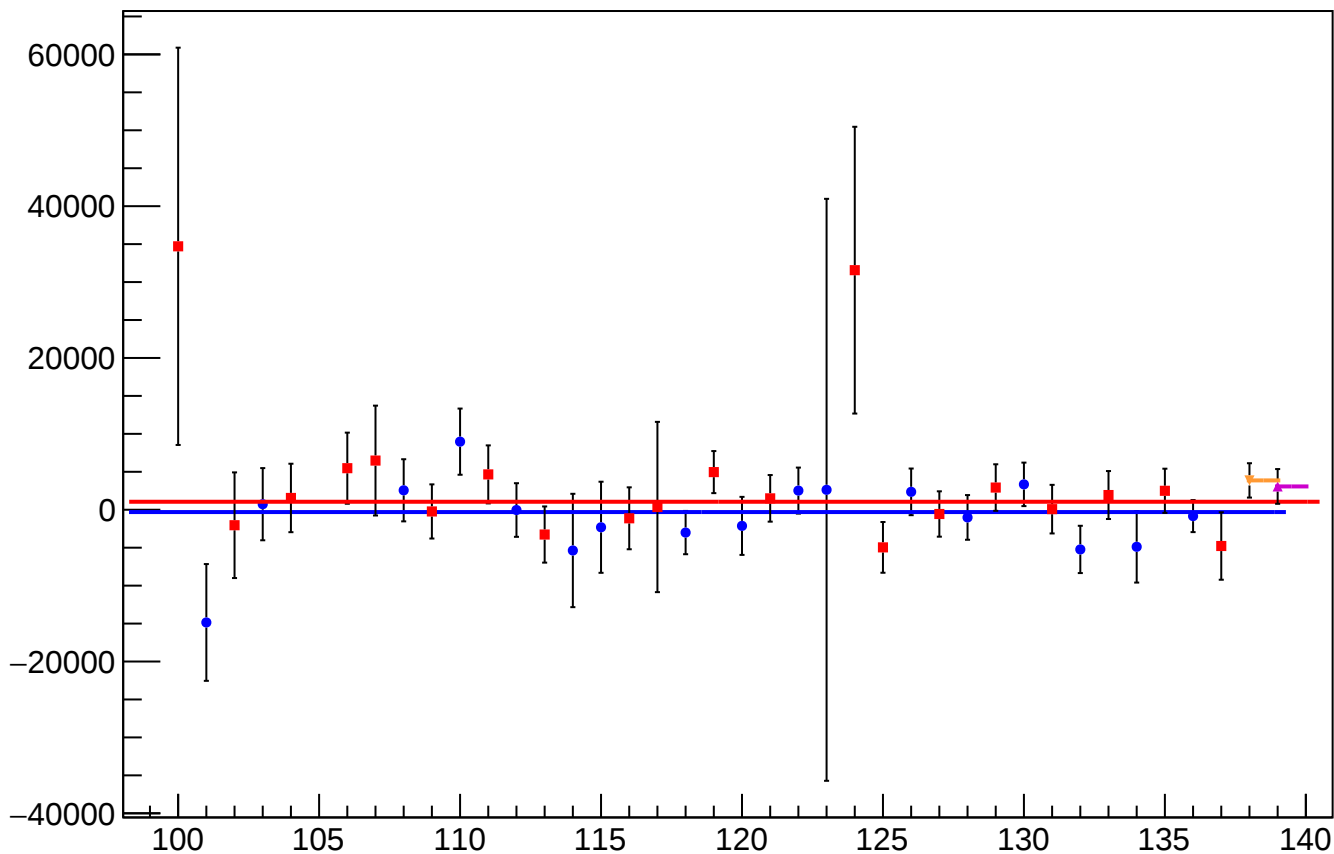
Right Out: 617.675+/-0.188 χ^2/NDF : 2804158.4/19

Left In: 528.382+/-0.439 χ^2/NDF : 0.0/0

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

603.891+/-0.173 χ^2/NDF : 2839122.5/20

asym_at1_dd_mean vs Slug



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

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

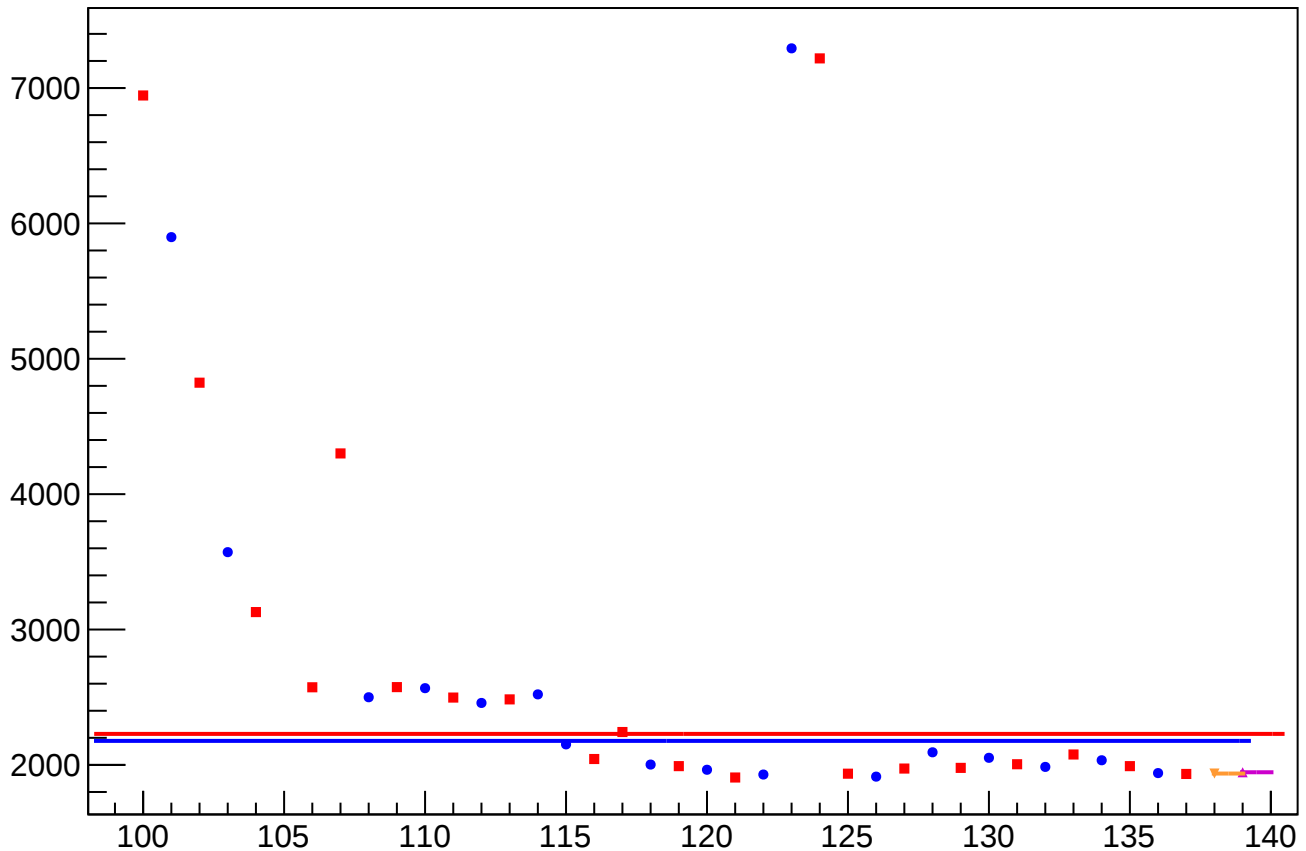
Right Out: 1052.718+/-864.863 χ^2/NDF : 16.6/19

Left In: 3070.890+/-2289.547 χ^2/NDF : 0.0/0

233.193+/-813.646 χ^2/NDF : 20.1/17

1304.733+/-809.065 χ^2/NDF : 17.3/20

asym_at1_dd_rms vs Slug



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

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

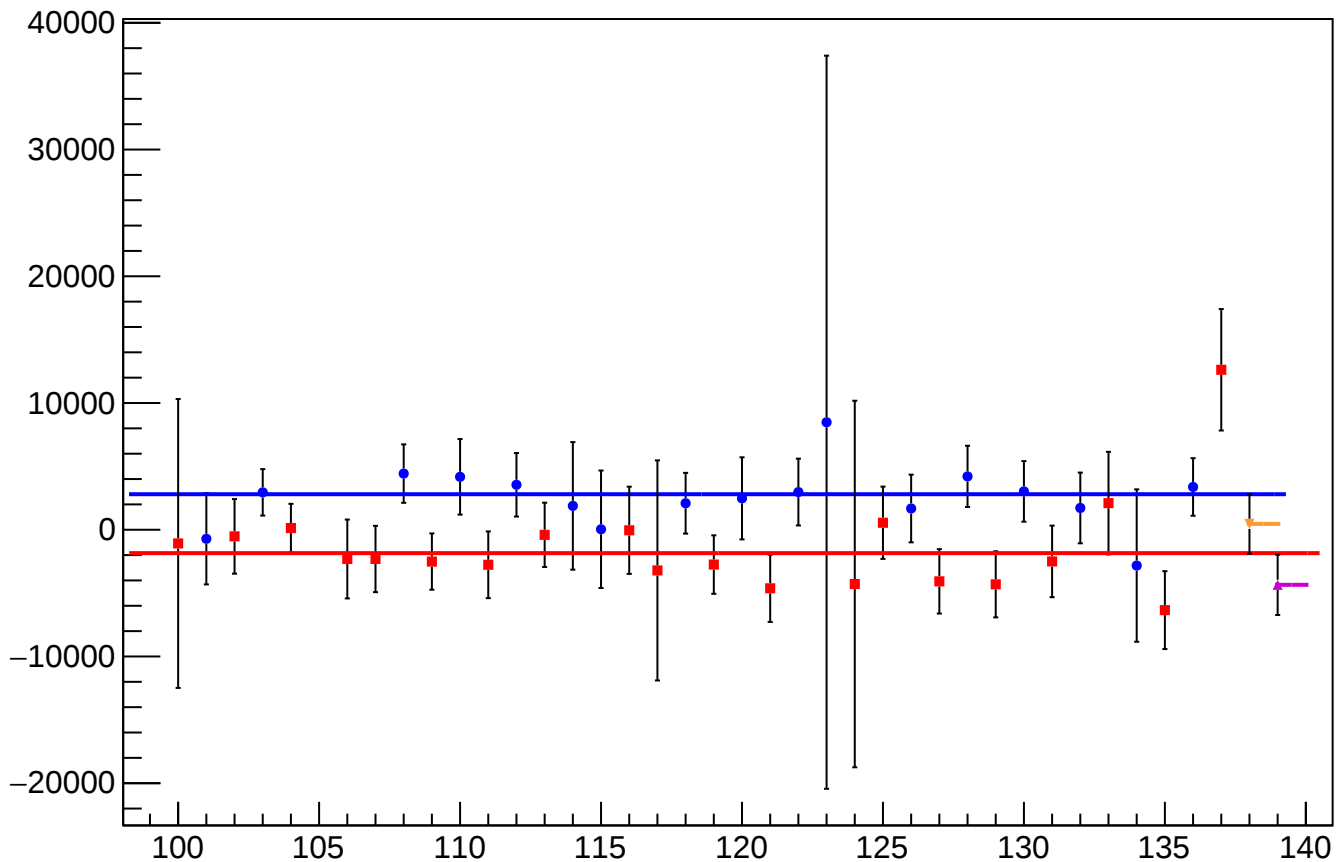
Right Out: 2229.096+/-0.612 χ^2/NDF : 895812.2/19

Left In: 1945.701+/-1.619 χ^2/NDF : 0.0/0

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

2193.708+/-0.572 χ^2/NDF : 922627.9/20

reg_asym_at2_avg_mean vs Slug



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

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

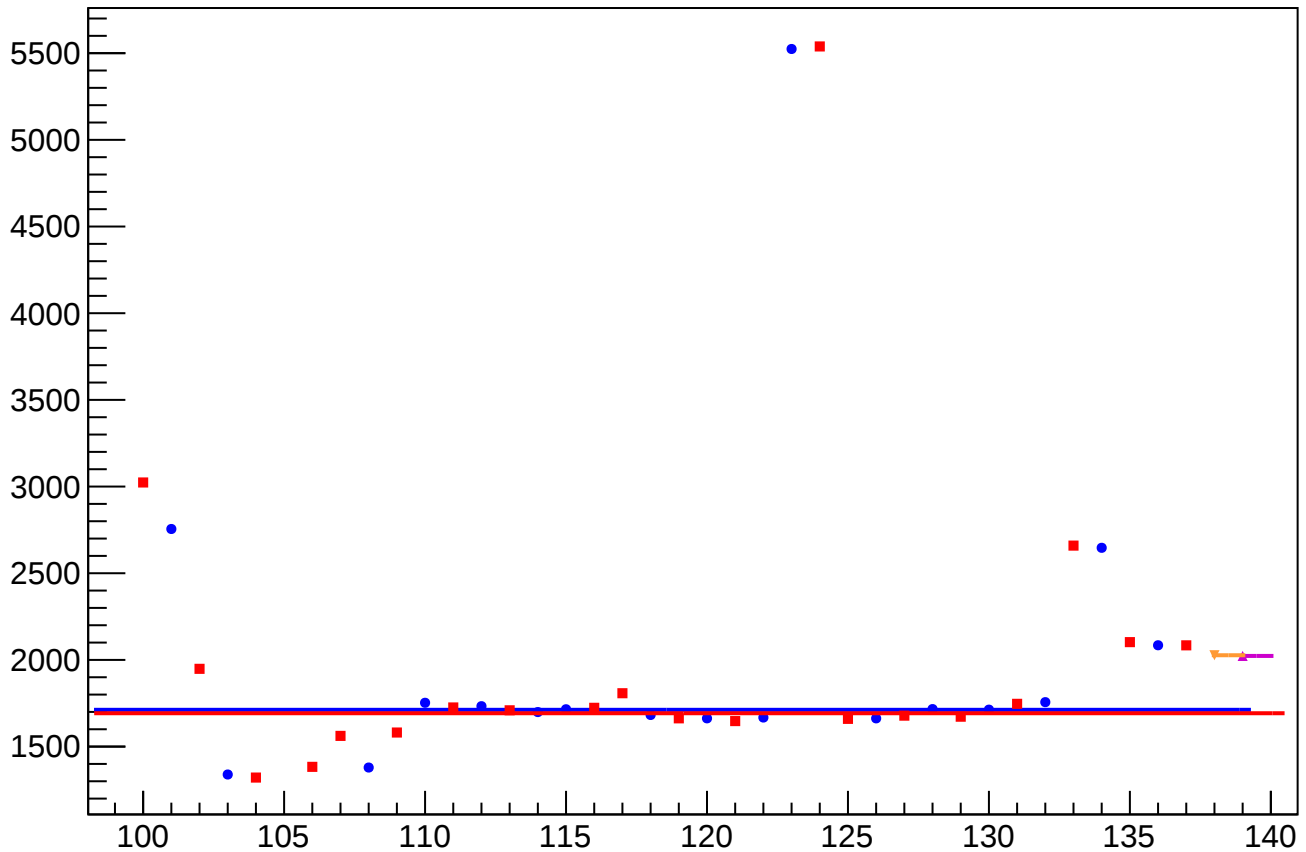
Right Out: -1844.945+/-653.448 χ^2/NDF : 18.1/19

Left In: -4346.003+/-2380.746 χ^2/NDF : 0.0/0

2625.601+/-652.203 χ^2/NDF : 4.8/17

-2020.162+/-630.143 χ^2/NDF : 19.1/20

reg_asym_at2_avg_rms vs Slug



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

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

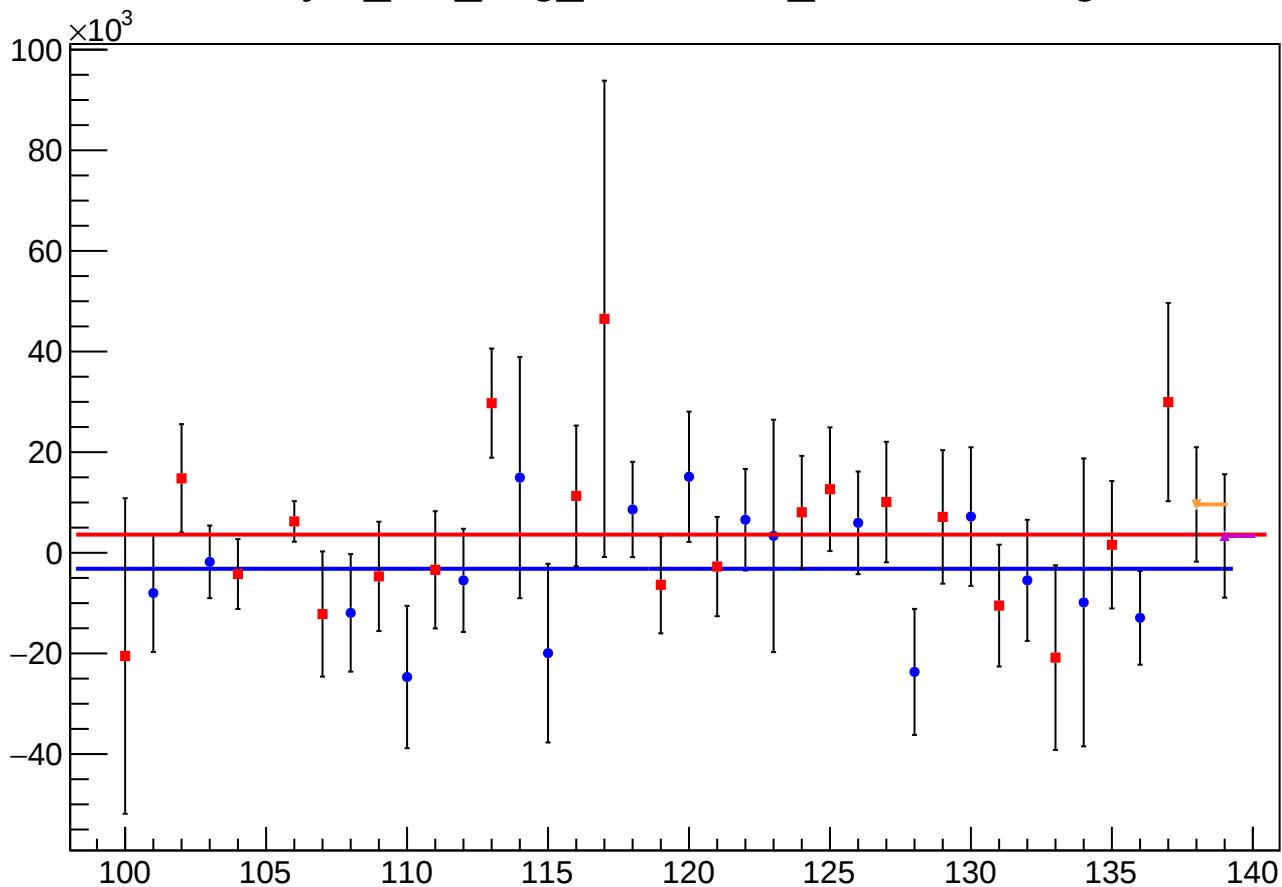
Right Out: 1692.404+/-0.462 χ^2/NDF : 455277.5/19

Left In: 2022.971+/-1.683 χ^2/NDF : 0.0/0

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

1715.562+/-0.446 χ^2/NDF : 491135.0/20

asym_at2_avg_correction_mean vs Slug



Right In: -3173.245 $\pm$ 2851.982 χ^2 /NDF: 14.4/16

Left Out: 9608.554 $\pm$ 11372.938 χ^2 /NDF: 0.0/0

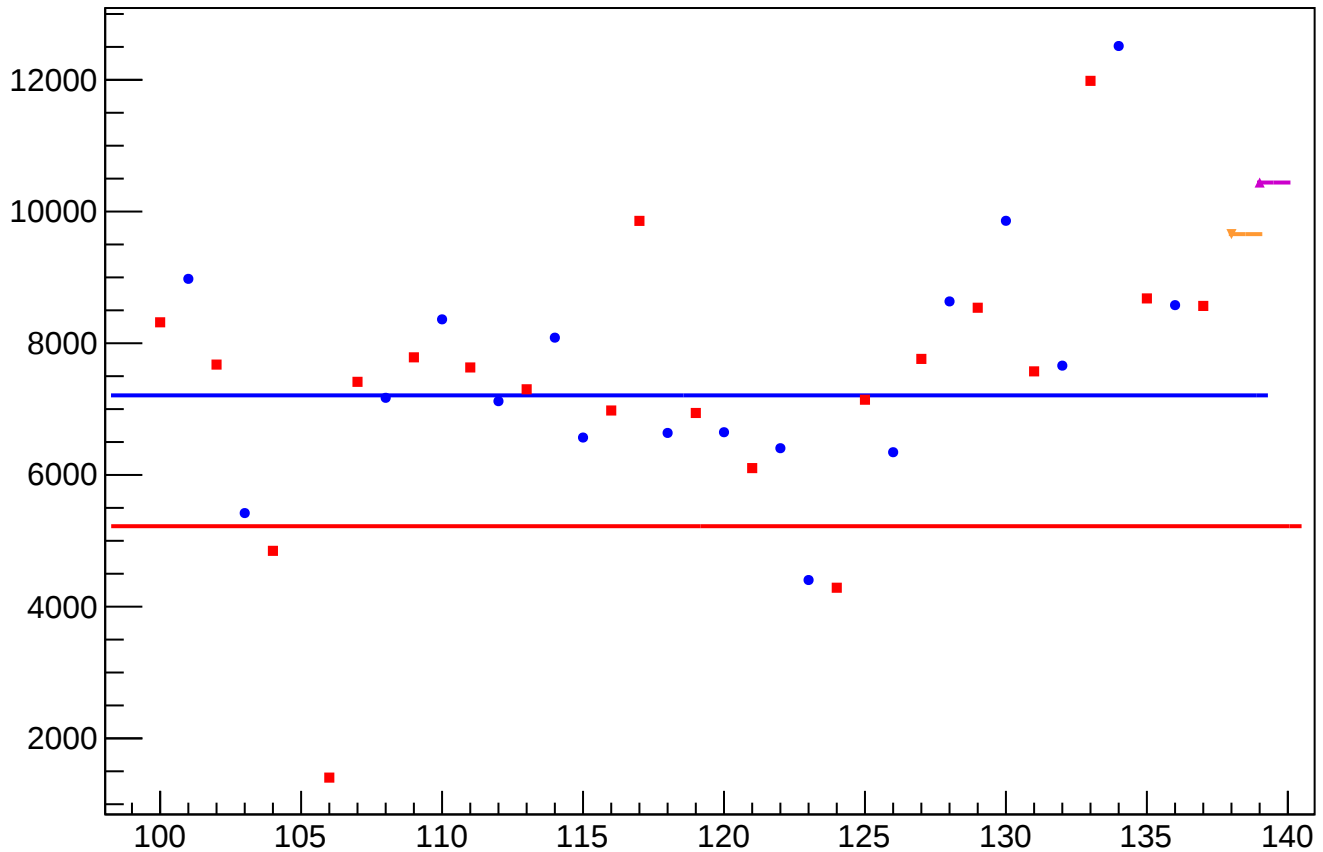
Right Out: 3618.416 $\pm$ 2263.938 χ^2 /NDF: 20.3/19

Left In: 3350.045 $\pm$ 12267.962 χ^2 /NDF: 0.0/0

-2417.015 $\pm$ 2766.327 χ^2 /NDF: 15.6/17

3609.578 $\pm$ 2226.346 χ^2 /NDF: 20.3/20

asym_at2_avg_correction_rms vs Slug



Right In: 7208.567+/-2.017 χ^2/NDF : 469302.0/16

Left Out: 9657.105+/-8.042 χ^2/NDF : 0.0/0

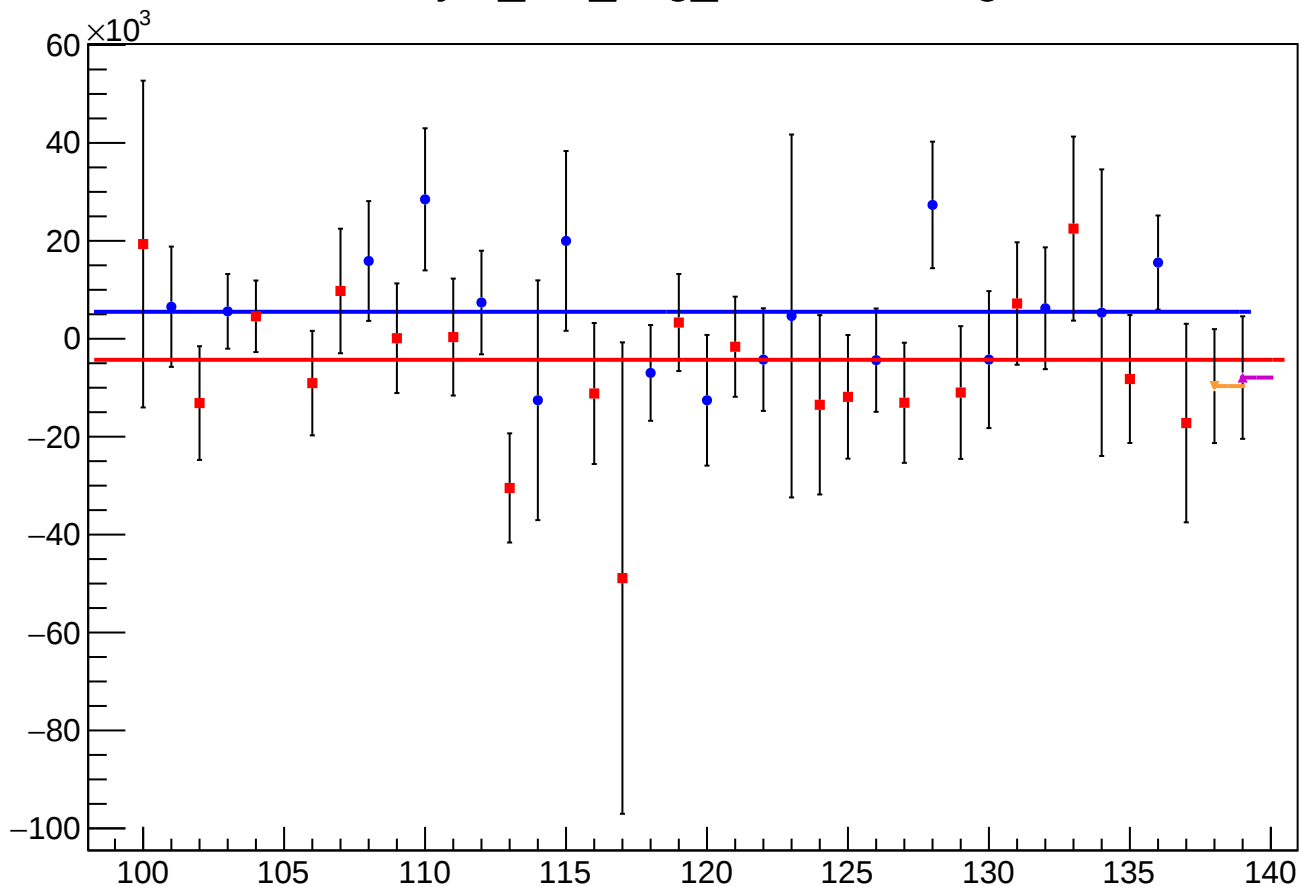
Right Out: 5221.816+/-1.601 χ^2/NDF : 3216100.5/19

Left In: 10440.672+/-8.675 χ^2/NDF : 0.0/0

7353.434+/-1.956 χ^2/NDF : 556521.1/17

5393.692+/-1.574 χ^2/NDF : 3566119.9/20

asym_at2_avg_mean vs Slug



Right In: 5509.395 $\pm$ 2971.033 χ^2 /NDF: 14.1/16

Left Out: -9668.730 $\pm$ 11635.346 χ^2 /NDF:0.0/0

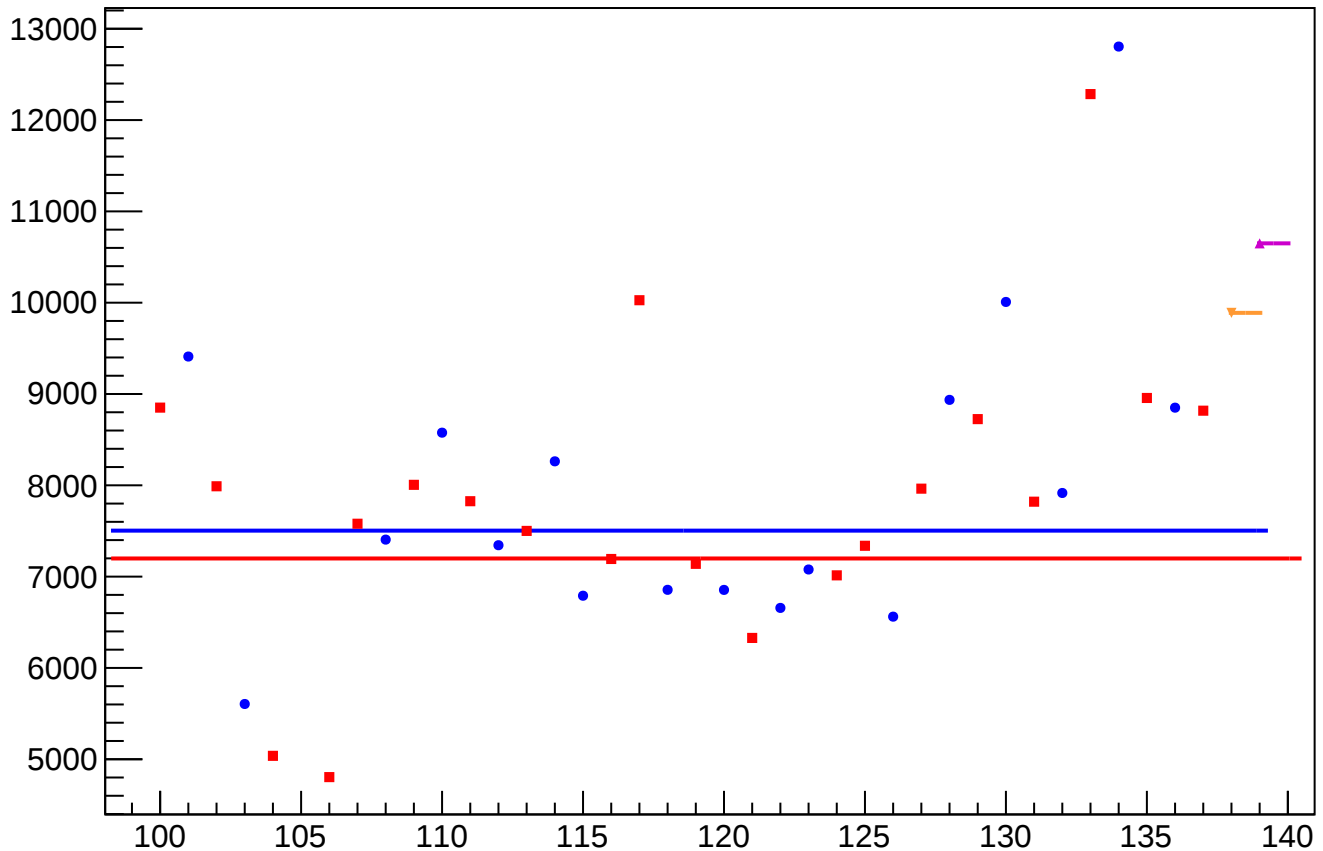
Right Out: -4295.824 $\pm$ 2785.538 χ^2 /NDF: 16.3/19

Left In: -7929.611 $\pm$ 12513.148 χ^2 /NDF:0.0/0

4580.337 $\pm$ 2878.669 χ^2 /NDF: 15.7/17

-4467.393 $\pm$ 2718.983 χ^2 /NDF: 16.4/20

asym_at2_avg_rms vs Slug



Right In: 7503.667+/-2.101 χ^2/NDF : 427313.5/16

Left Out: 9888.674+/-8.227 χ^2/NDF : 0.0/0

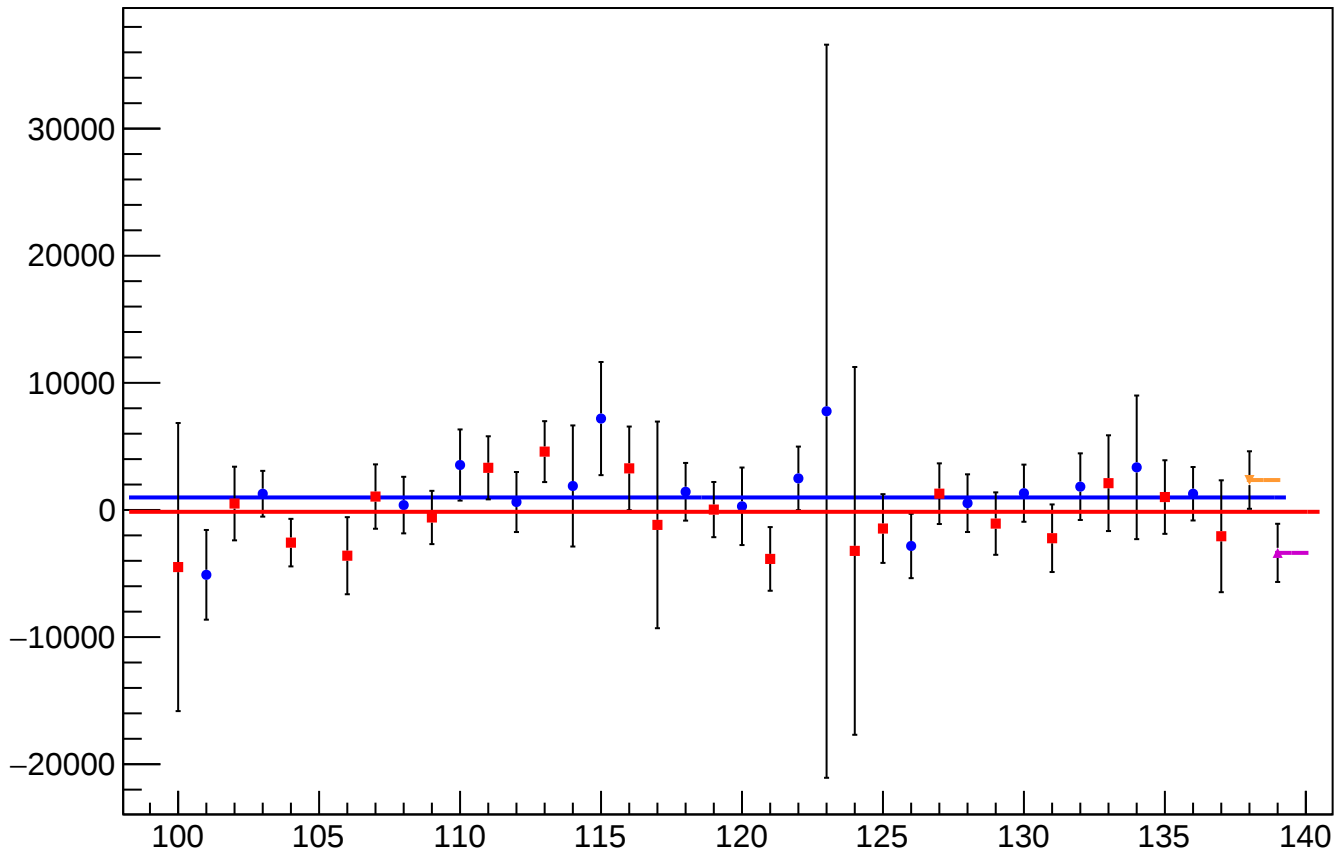
Right Out: 7198.728+/-1.969 χ^2/NDF : 564629.1/19

Left In: 10649.812+/-8.848 χ^2/NDF : 0.0/0

7649.647+/-2.035 χ^2/NDF : 506203.2/17

7361.632+/-1.922 χ^2/NDF : 709575.6/20

reg_asym_at2_dd_mean vs Slug



Right In: 985.452 ± 644.630 χ^2/NDF : 9.1/16

Left Out: 2354.561 ± 2262.450 χ^2/NDF : 0.0/0

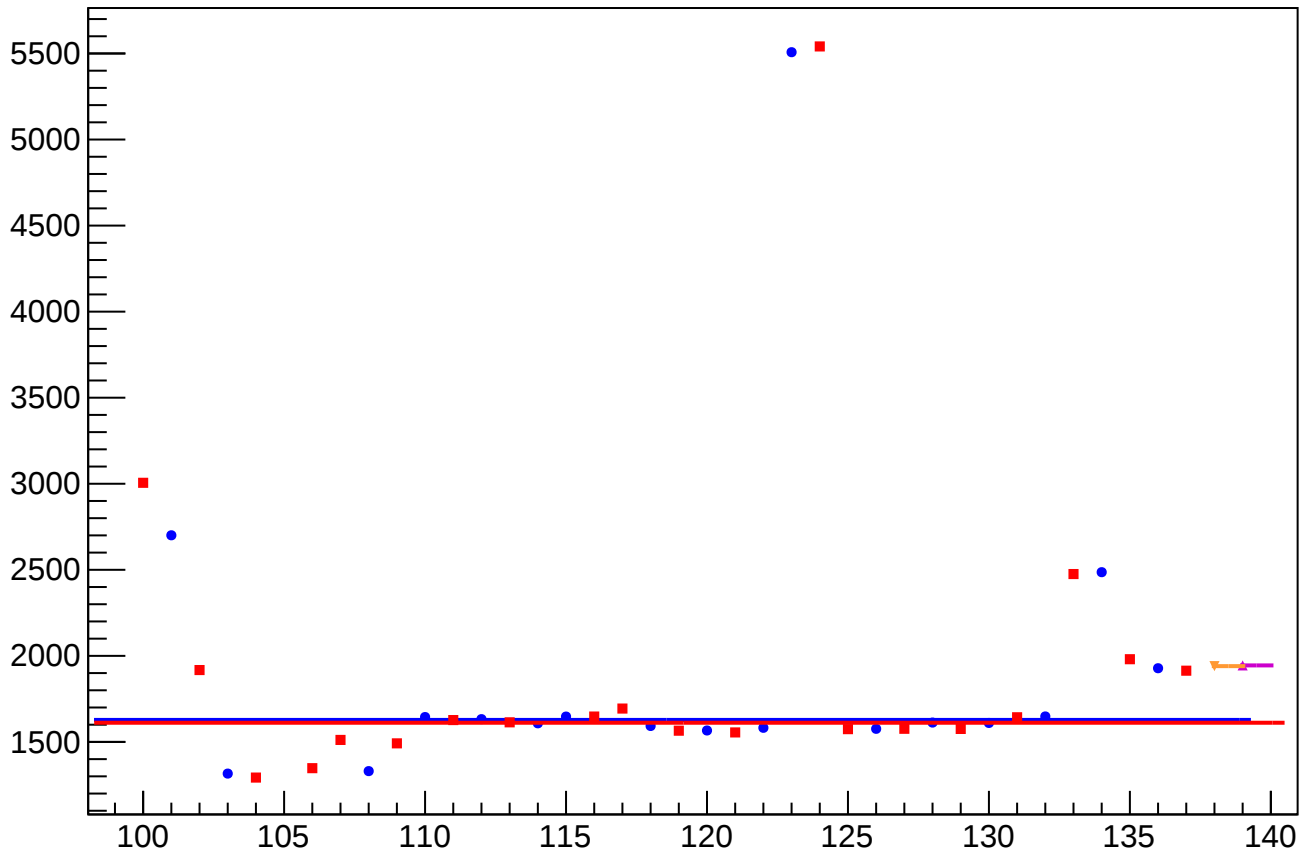
Right Out: -144.683 ± 621.728 χ^2/NDF : 14.7/19

Left In: -3375.342 ± 2288.464 χ^2/NDF : 0.0/0

1088.254 ± 619.956 χ^2/NDF : 9.4/17

-366.746 ± 599.980 χ^2/NDF : 16.5/20

reg_asym_at2_dd_rms vs Slug



Right In: 1627.836+/-0.456 χ^2/NDF : 407106.6/16

Left Out: 1940.306+/-1.600 χ^2/NDF : 0.0/0

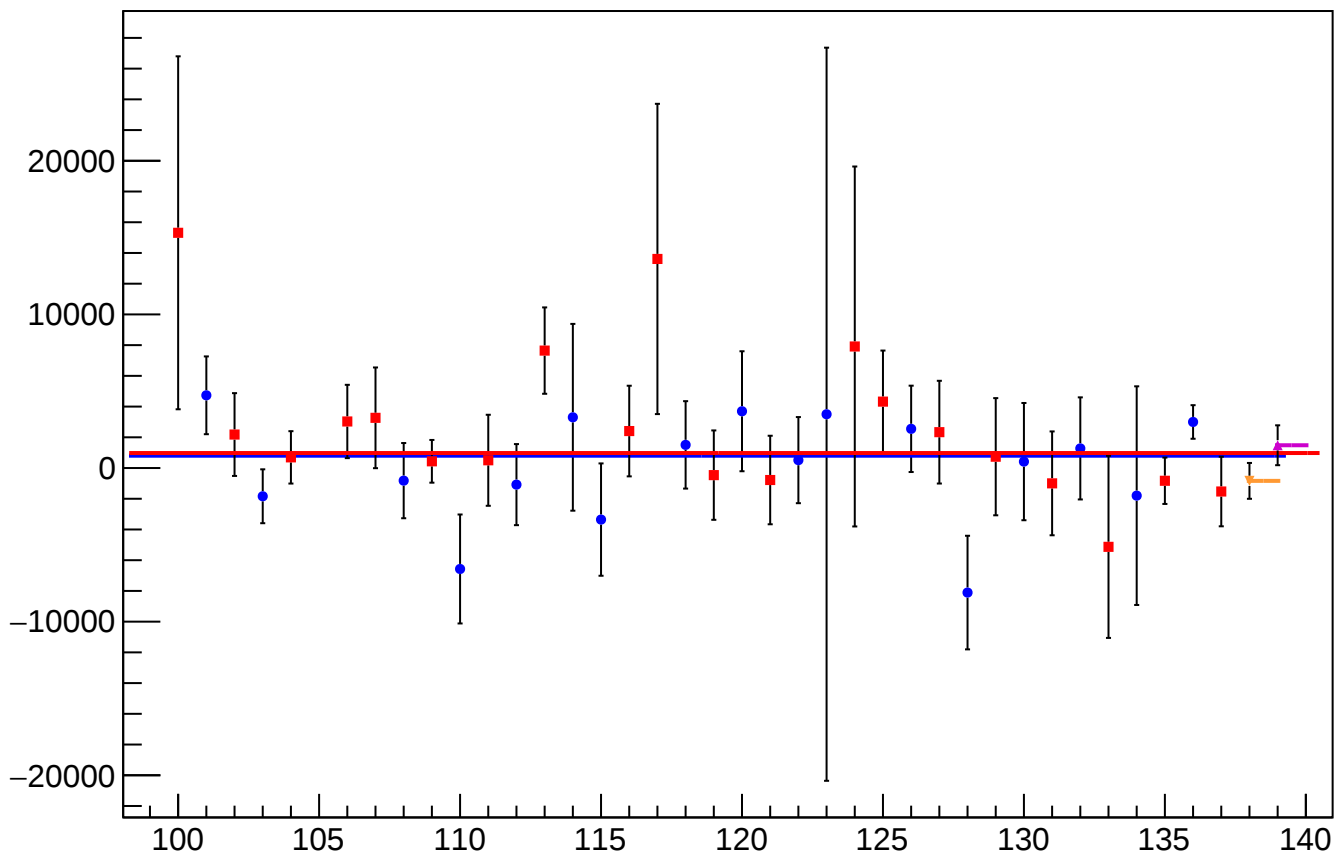
Right Out: 1611.433+/-0.440 χ^2/NDF : 434167.6/19

Left In: 1944.538+/-1.618 χ^2/NDF : 0.0/0

1651.299+/-0.438 χ^2/NDF : 442391.5/17

1634.330+/-0.424 χ^2/NDF : 473629.4/20

asym_at2_dd_correction_mean vs Slug



Right In: 803.048 $\pm$ 631.676 χ^2 /NDF: 22.4/16

Left Out: -836.197 $\pm$ 1166.956 χ^2 /NDF: 0.0/0

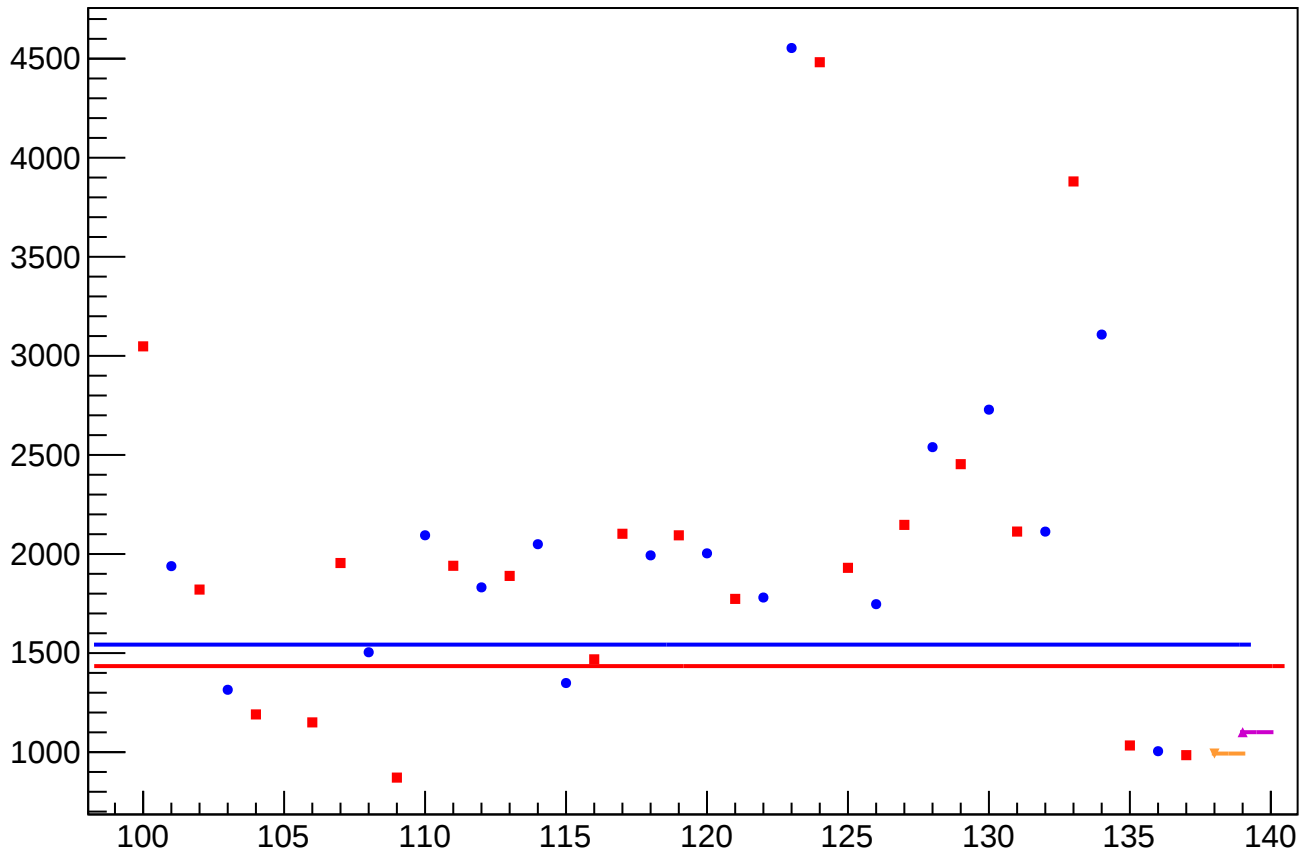
Right Out: 976.725 $\pm$ 588.724 χ^2 /NDF: 16.8/19

Left In: 1482.779 $\pm$ 1298.090 χ^2 /NDF: 0.0/0

431.579 $\pm$ 555.512 χ^2 /NDF: 24.0/17

1063.057 $\pm$ 536.159 χ^2 /NDF: 16.9/20

asym_at2_dd_correction_rms vs Slug



Right In: 1542.705+/-0.447 χ^2/NDF : 1287946.3/16

Left Out: 992.939+/-0.825 χ^2/NDF : 0.0/0

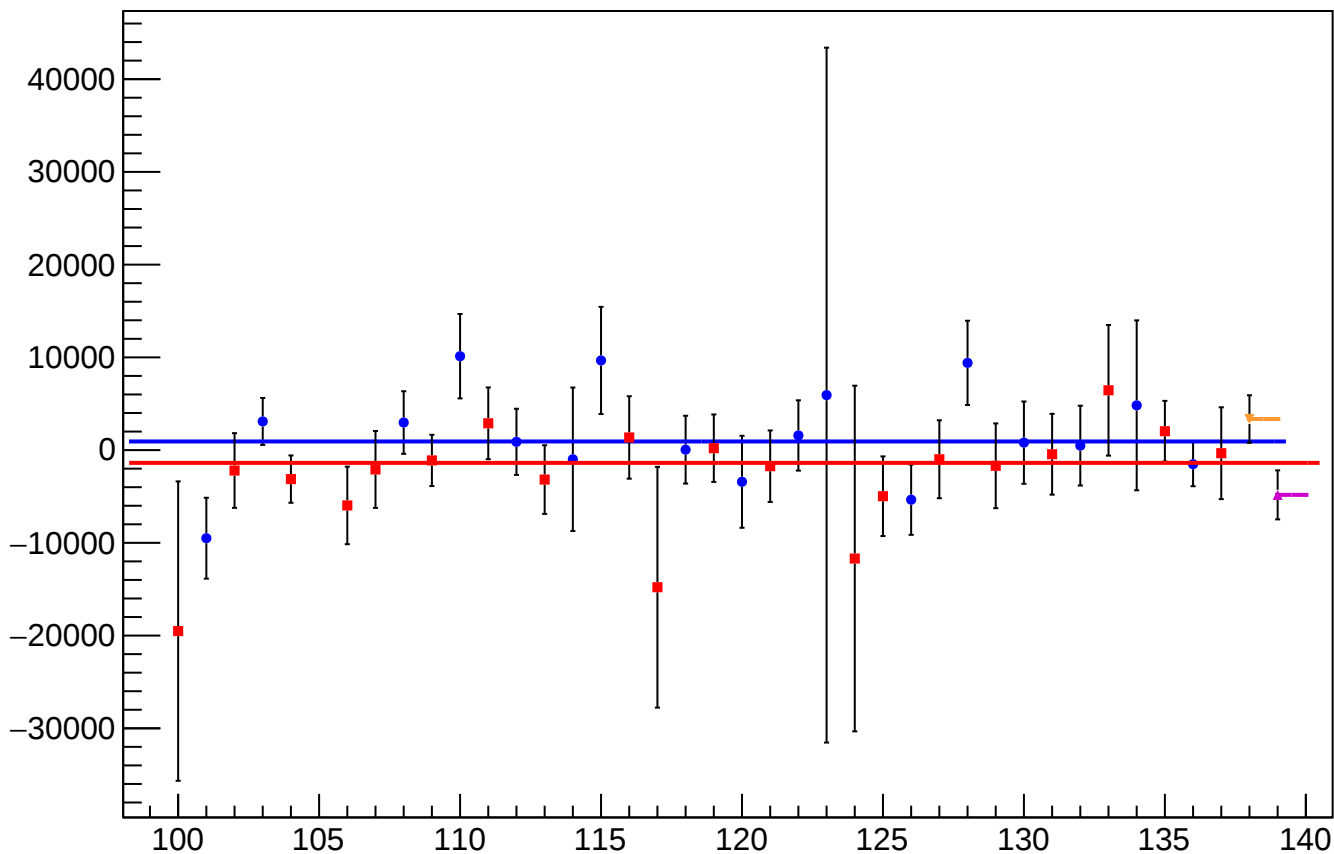
1418.123+/-0.393 χ^2/NDF : 1631248.0/17

Right Out: 1434.290+/-0.416 χ^2/NDF : 1832587.0/19

1377.397+/-0.379 χ^2/NDF : 1942071.3/20

Left In: 1100.800+/-0.918 χ^2/NDF : 0.0/0

asym_at2_dd_mean vs Slug



Right In: 932.818+/-967.941 χ^2/NDF : 21.6/16

Left Out: 3353.893+/-2559.722 χ^2/NDF : 0.0/0

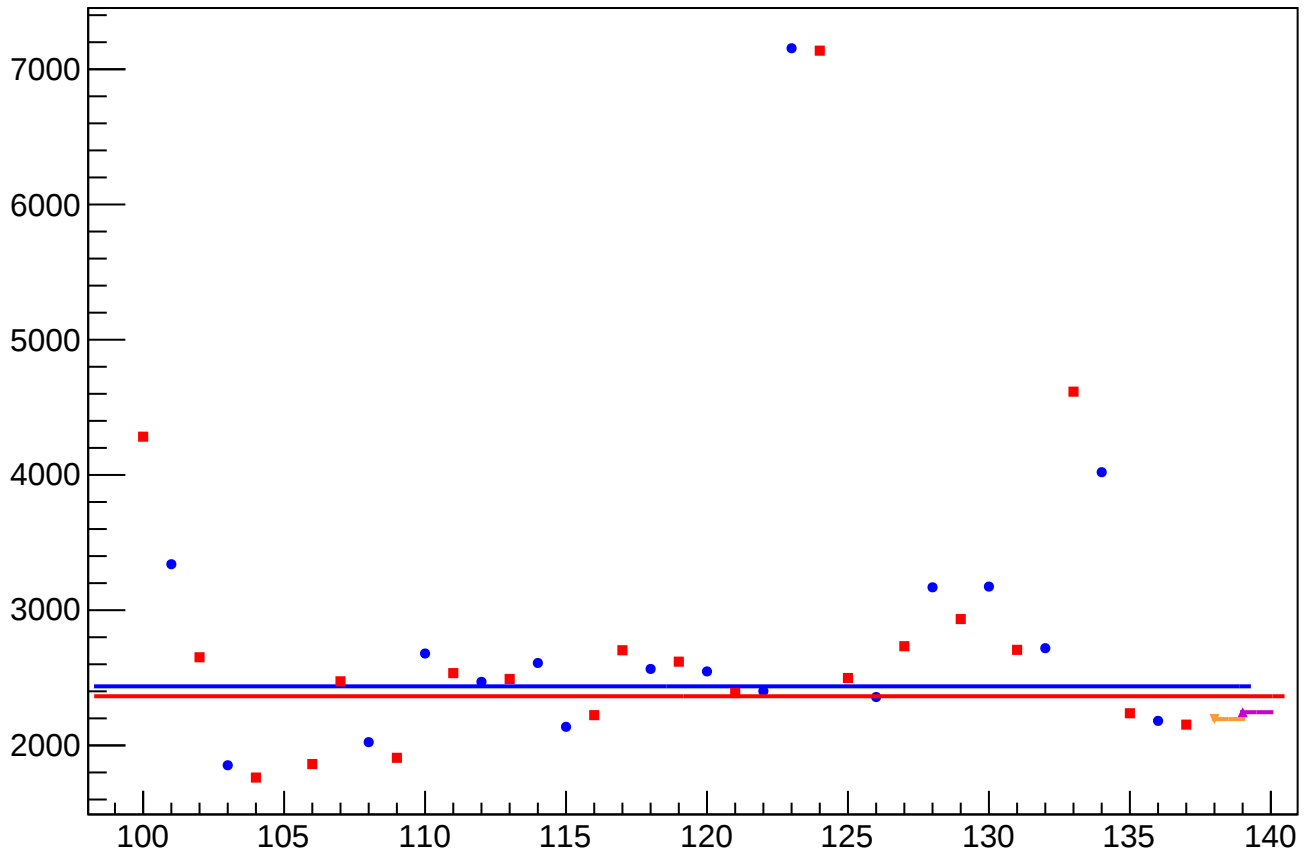
Right Out: -1375.966+/-923.072 χ^2/NDF : 9.6/19

Left In: -4826.757+/-2643.077 χ^2/NDF : 0.0/0

1235.703+/-905.372 χ^2/NDF : 22.4/17

-1751.103+/-871.455 χ^2/NDF : 11.1/20

asym_at2_dd_rms vs Slug



Right In: 2436.855+/-0.684 χ^2/NDF : 469030.2/16

Left Out: 2194.806+/-1.810 χ^2/NDF : 0.0/0

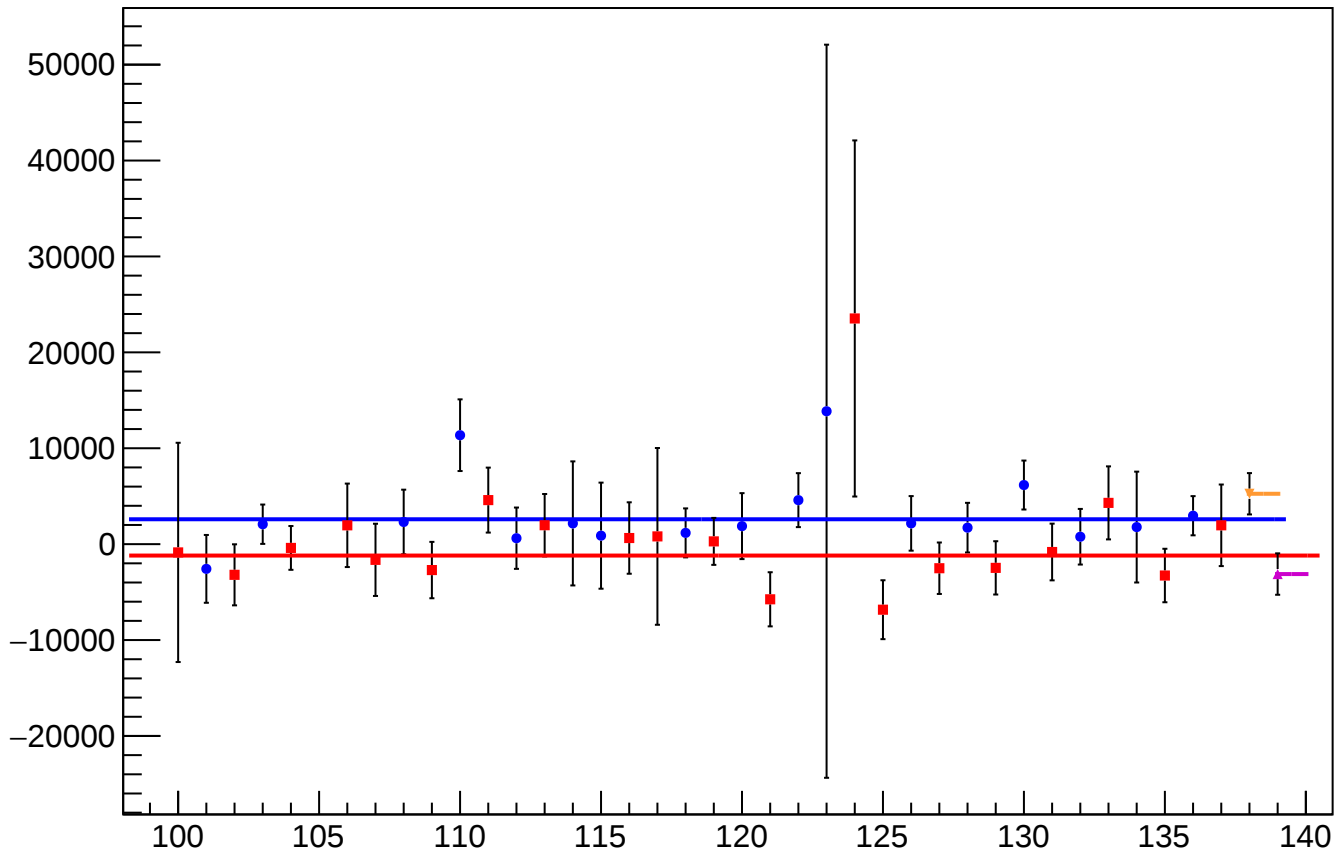
Right Out: 2363.609+/-0.653 χ^2/NDF : 657228.5/19

Left In: 2245.641+/-1.869 χ^2/NDF : 0.0/0

2406.574+/-0.640 χ^2/NDF : 484676.3/17

2350.785+/-0.616 χ^2/NDF : 660779.7/20

reg_asym_atl1r2_avg_mean vs Slug



Right In: 2594.684+/-743.000 χ^2/NDF : 11.7/16

Left Out: 5253.142+/-2155.179 χ^2/NDF : 0.0/0

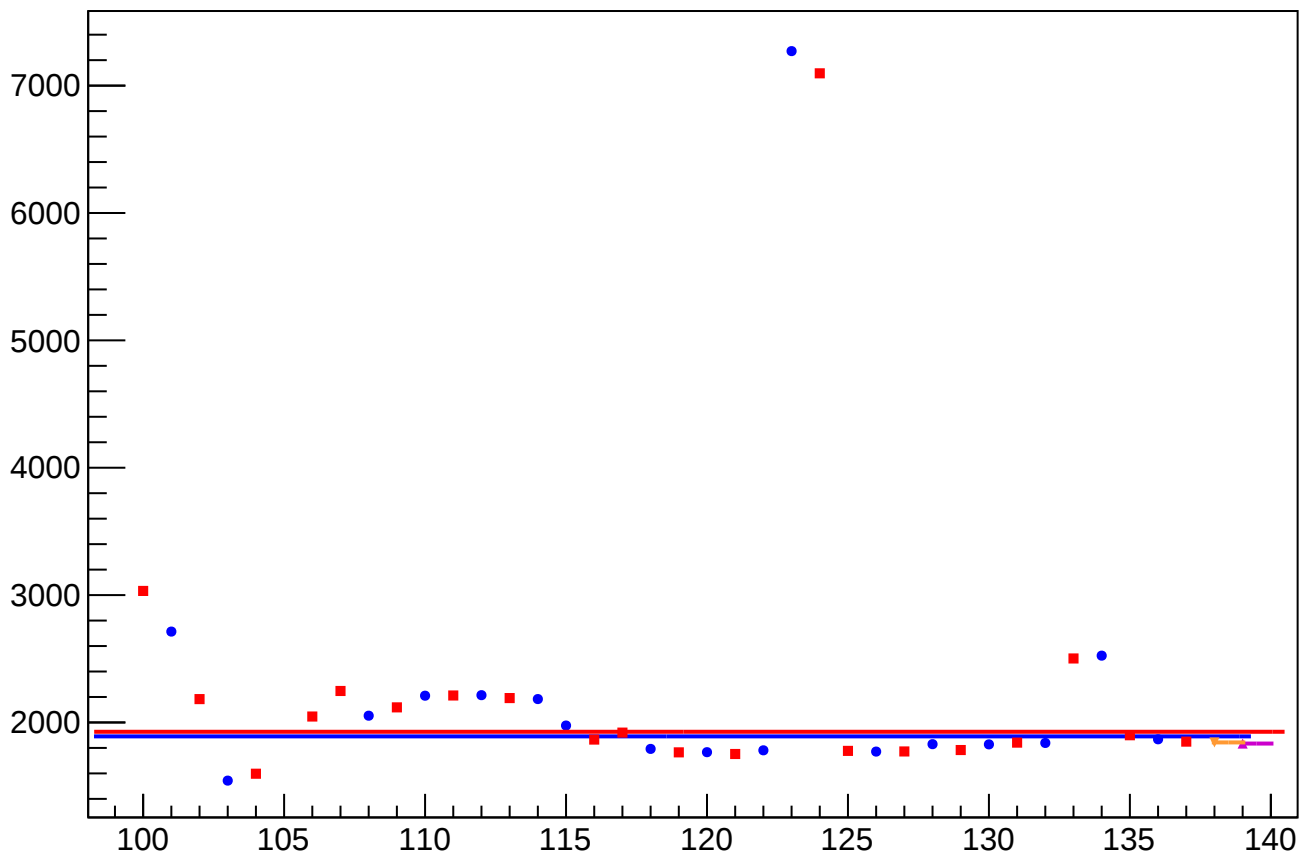
Right Out: -1189.680+/-737.247 χ^2/NDF : 17.3/19

Left In: -3119.470+/-2158.936 χ^2/NDF : 0.0/0

2877.086+/-702.429 χ^2/NDF : 13.0/17

-1391.217+/-697.689 χ^2/NDF : 18.0/20

reg_asym_atl1r2_avg_rms vs Slug



Right In: 1890.721+/-0.525 χ^2/NDF : 288944.9/16

Left Out: 1843.259+/-1.524 χ^2/NDF : 0.0/0

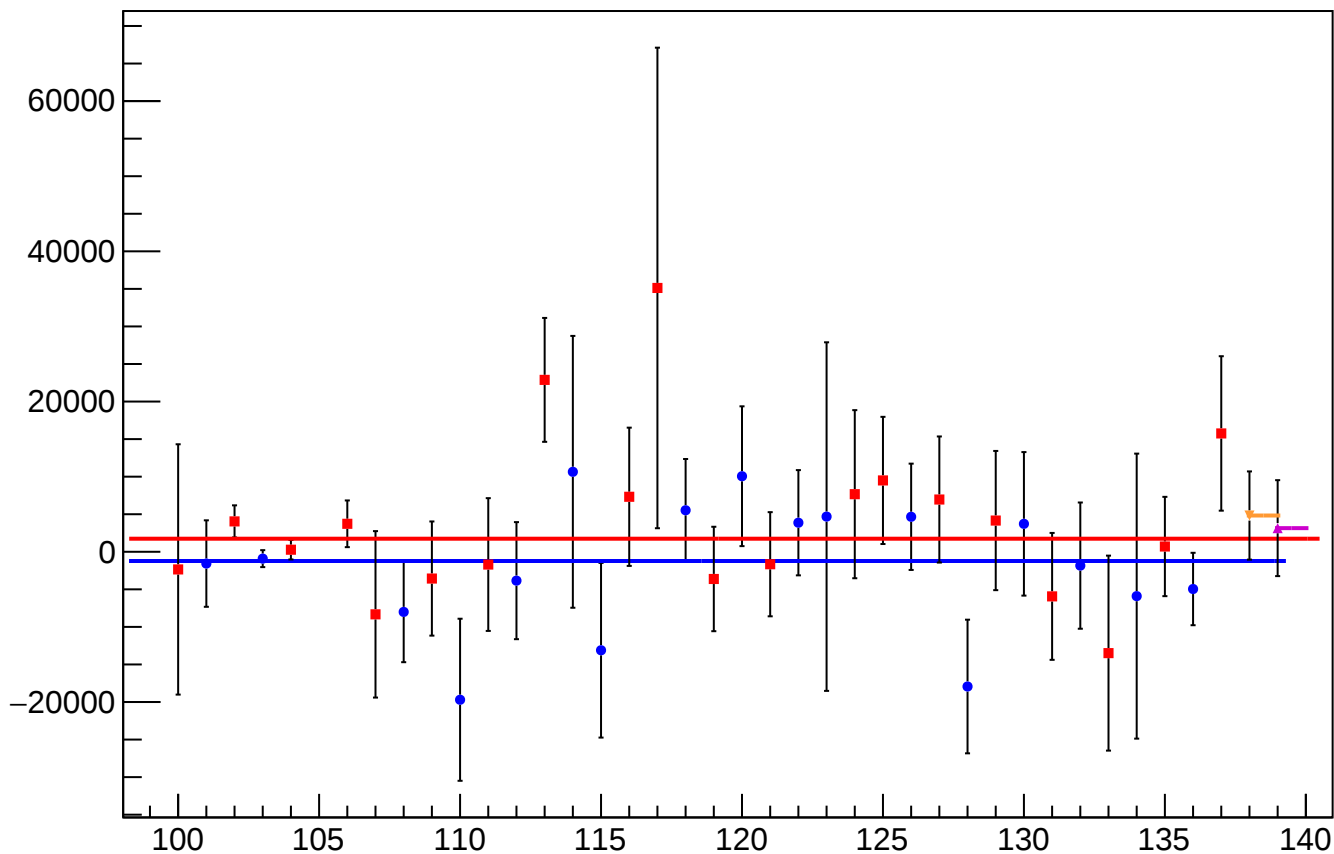
Right Out: 1926.906+/-0.520 χ^2/NDF : 362255.6/19

Left In: 1834.321+/-1.527 χ^2/NDF : 0.0/0

1885.680+/-0.497 χ^2/NDF : 289811.8/17

1917.264+/-0.493 χ^2/NDF : 365550.7/20

asym_atl1r2_avg_correction_mean vs Slug



Right In: -1226.915+/-984.603 χ^2/NDF : 13.8/16

Left Out: 4828.365+/-5870.282 χ^2/NDF : 0.0/0

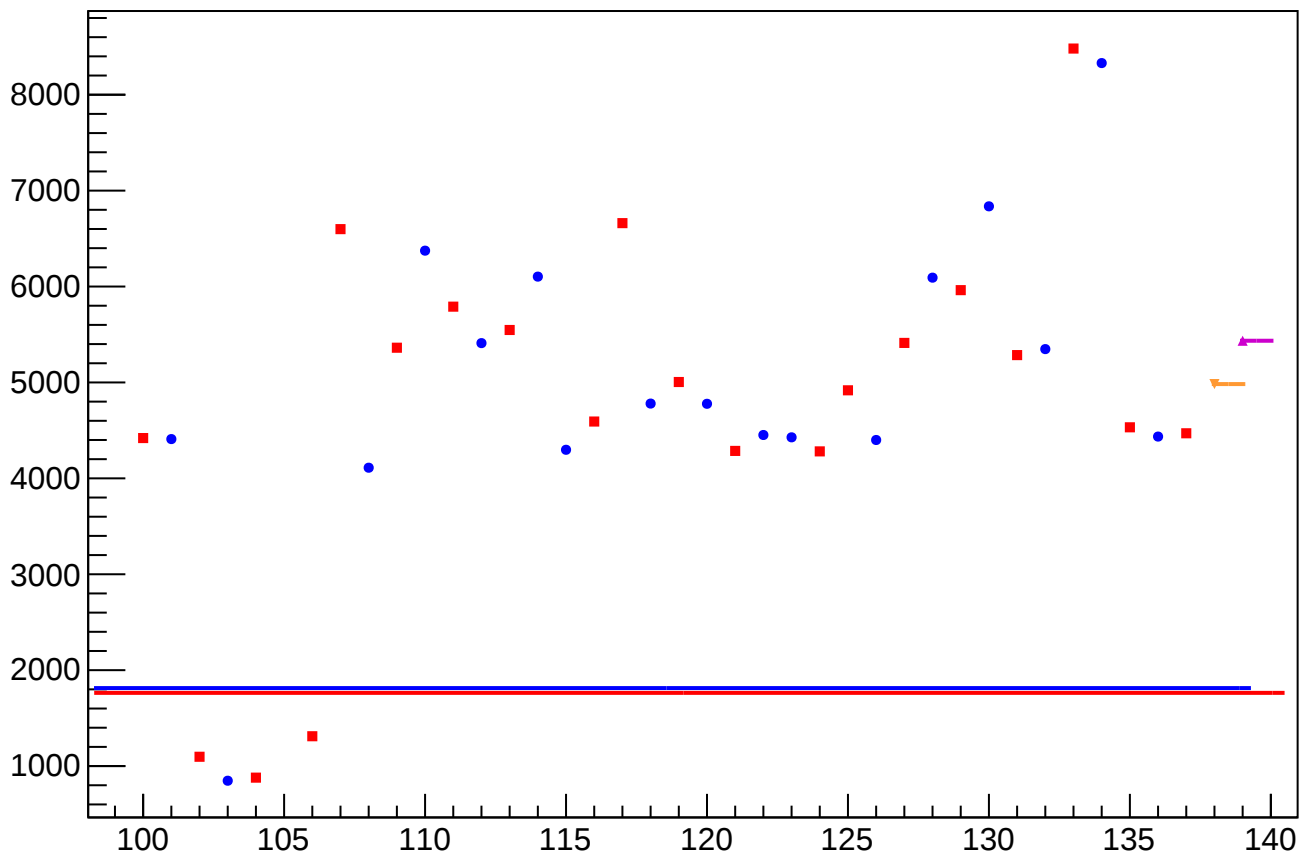
Right Out: 1740.671+/-941.173 χ^2/NDF : 18.9/19

Left In: 3147.779+/-6386.346 χ^2/NDF : 0.0/0

-1061.227+/-971.039 χ^2/NDF : 14.9/17

1770.582+/-931.116 χ^2/NDF : 18.9/20

asym_atl1r2_avg_correction_rms vs Slug



Right In: 1813.195+/-0.696 χ^2/NDF : 6449038.4/16

Left Out: 4983.010+/-4.151 χ^2/NDF : 0.0/0

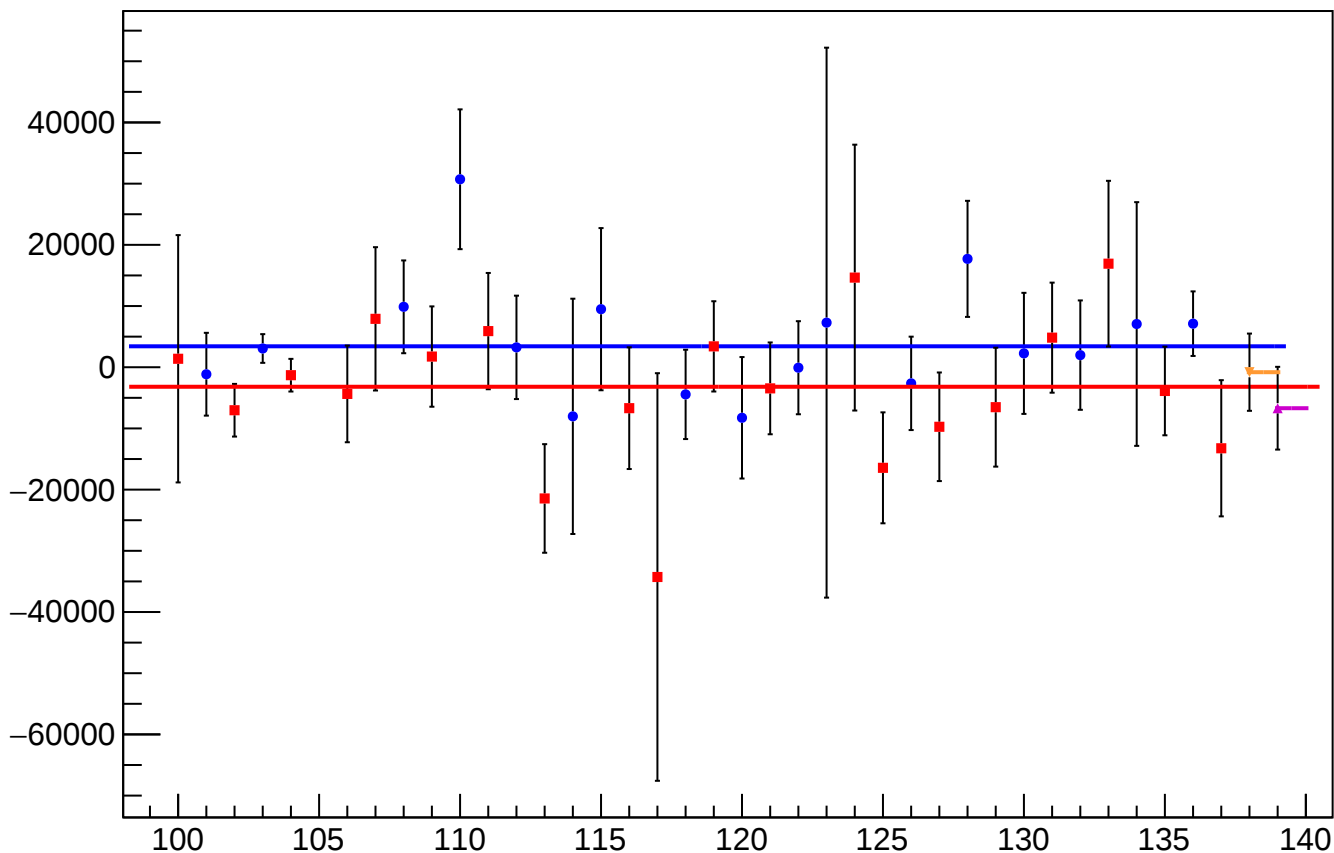
Right Out: 1763.378+/-0.666 χ^2/NDF : 6359993.8/19

Left In: 5434.785+/-4.516 χ^2/NDF : 0.0/0

1899.929+/-0.687 χ^2/NDF : 7016231.2/17

1841.422+/-0.658 χ^2/NDF : 7006925.9/20

asym_atl1r2_avg_mean vs Slug



Right In: 3421.264+/-1606.678 χ^2/NDF : 13.7/16

Left Out: -810.889+/-6311.204 χ^2/NDF : 0.0/0

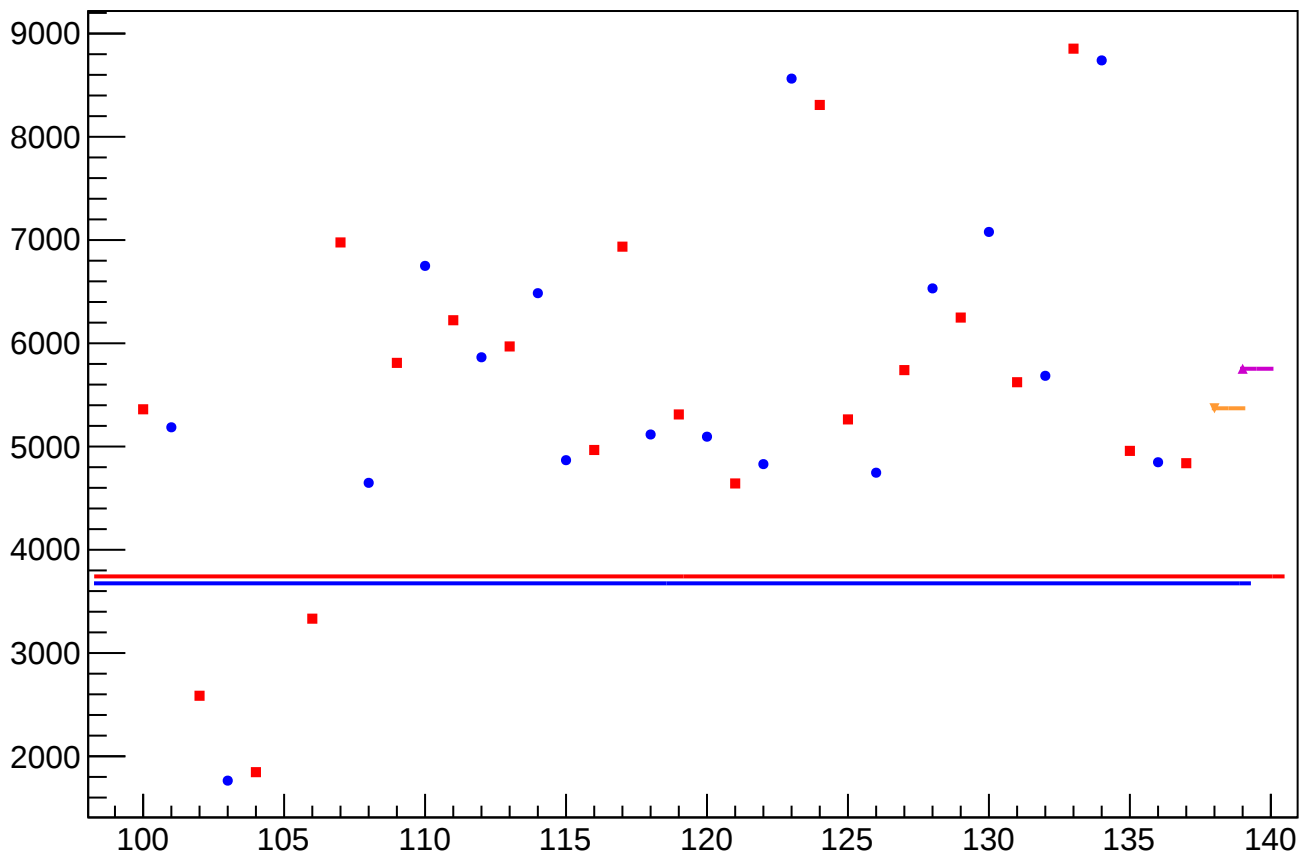
Right Out: -3190.143+/-1604.066 χ^2/NDF : 16.9/19

Left In: -6695.677+/-6761.846 χ^2/NDF : 0.0/0

3163.678+/-1557.016 χ^2/NDF : 14.1/17

-3376.906+/-1560.752 χ^2/NDF : 17.1/20

asym_atl1r2_avg_rms vs Slug



Right In: 3675.003+/-1.136 χ^2/NDF : 2775085.7/16

Left Out: 5370.449+/-4.463 χ^2/NDF : 0.0/0

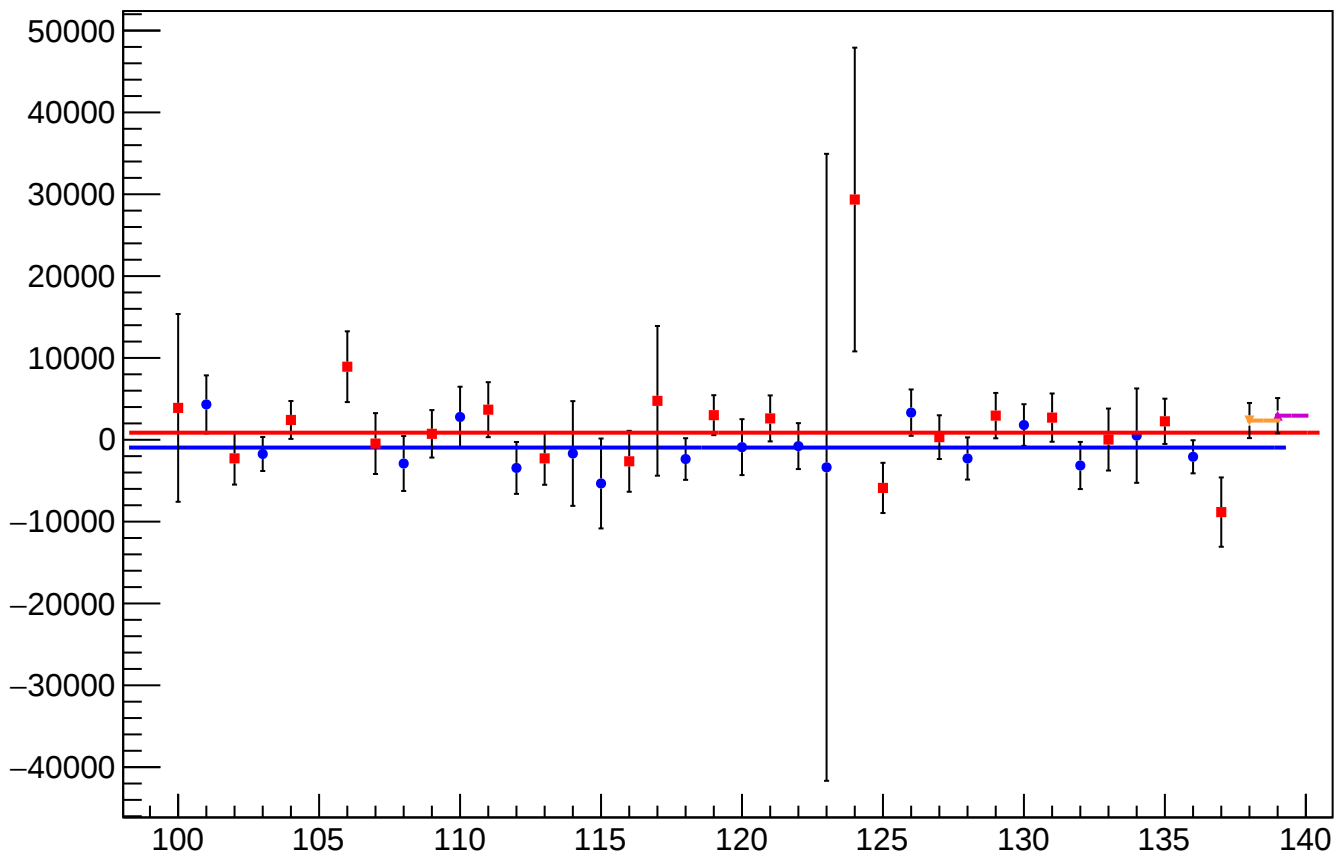
3778.195+/-1.101 χ^2/NDF : 2910636.4/17

Right Out: 3742.124+/-1.127 χ^2/NDF : 2712365.3/19

3847.940+/-1.097 χ^2/NDF : 2880009.9/20

Left In: 5753.442+/-4.781 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_mean vs Slug



Right In: -951.377+/-740.668 χ^2/NDF : 10.0/16

Left Out: 2351.872+/-2148.618 χ^2/NDF : 0.0/0

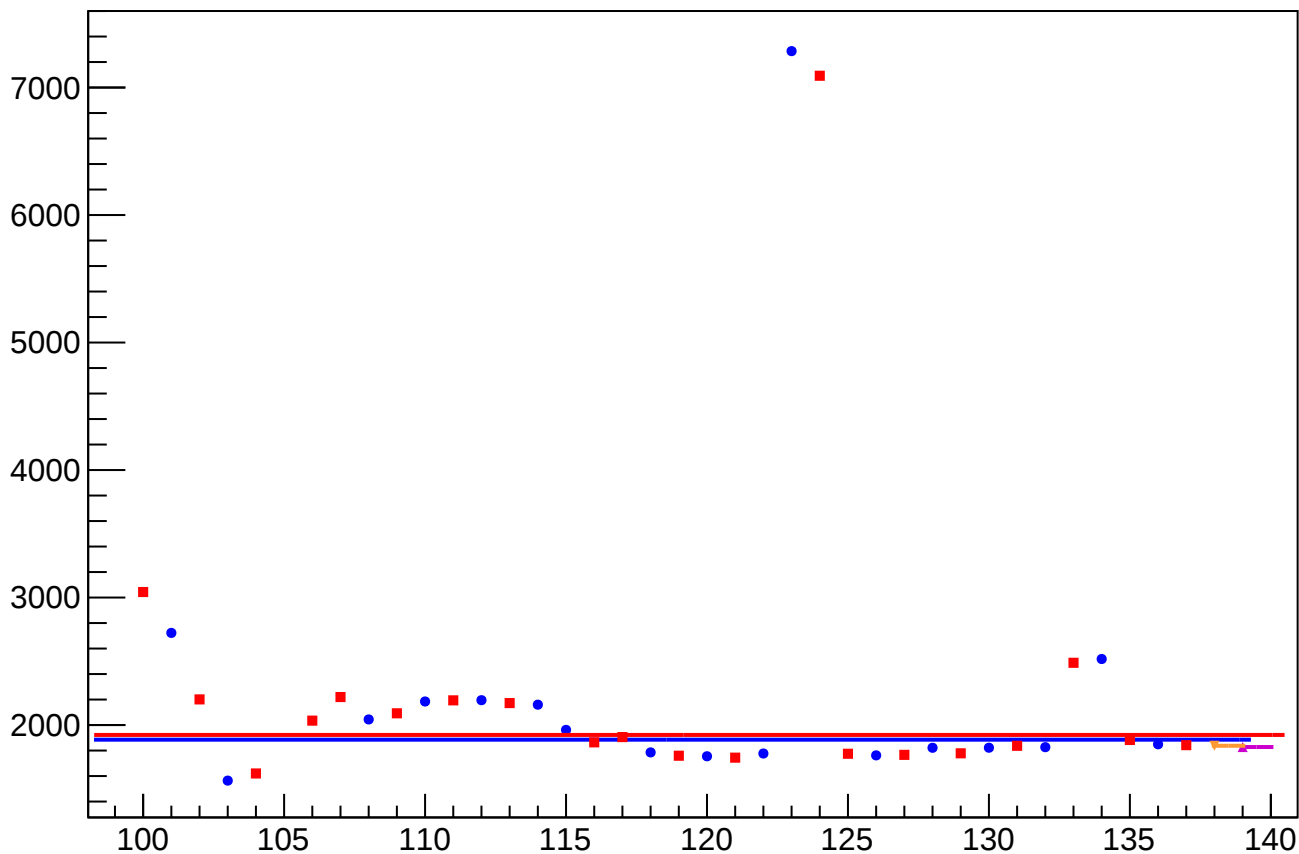
Right Out: 868.810+/-735.140 χ^2/NDF : 22.7/19

Left In: 2947.410+/-2151.082 χ^2/NDF : 0.0/0

-600.540+/-700.231 χ^2/NDF : 12.1/17

1086.192+/-695.638 χ^2/NDF : 23.5/20

reg_asym_atl1r2_dd_rms vs Slug



Right In: 1885.360+/-0.524 χ^2/NDF : 280429.0/16

Left Out: 1837.663+/-1.519 χ^2/NDF : 0.0/0

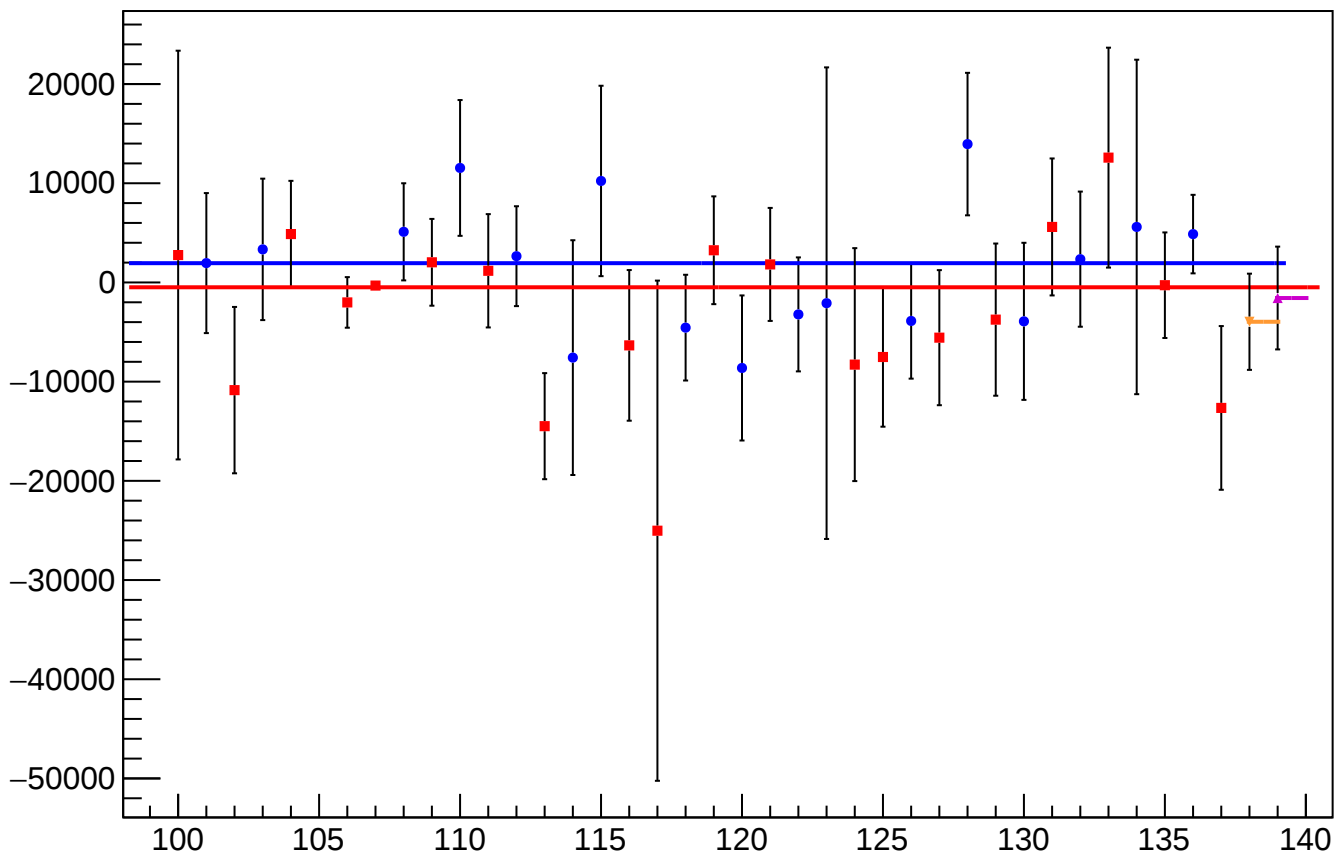
Right Out: 1922.430+/-0.519 χ^2/NDF : 351518.8/19

Left In: 1827.679+/-1.521 χ^2/NDF : 0.0/0

1880.294+/-0.495 χ^2/NDF : 281310.0/17

1912.548+/-0.491 χ^2/NDF : 354994.6/20

asym_atl1r2_dd_correction_mean vs Slug



Right In: 1943.178+/-1581.060 χ^2/NDF : 13.2/16

Left Out: -3963.456+/-4849.346 χ^2/NDF : 0.0/0

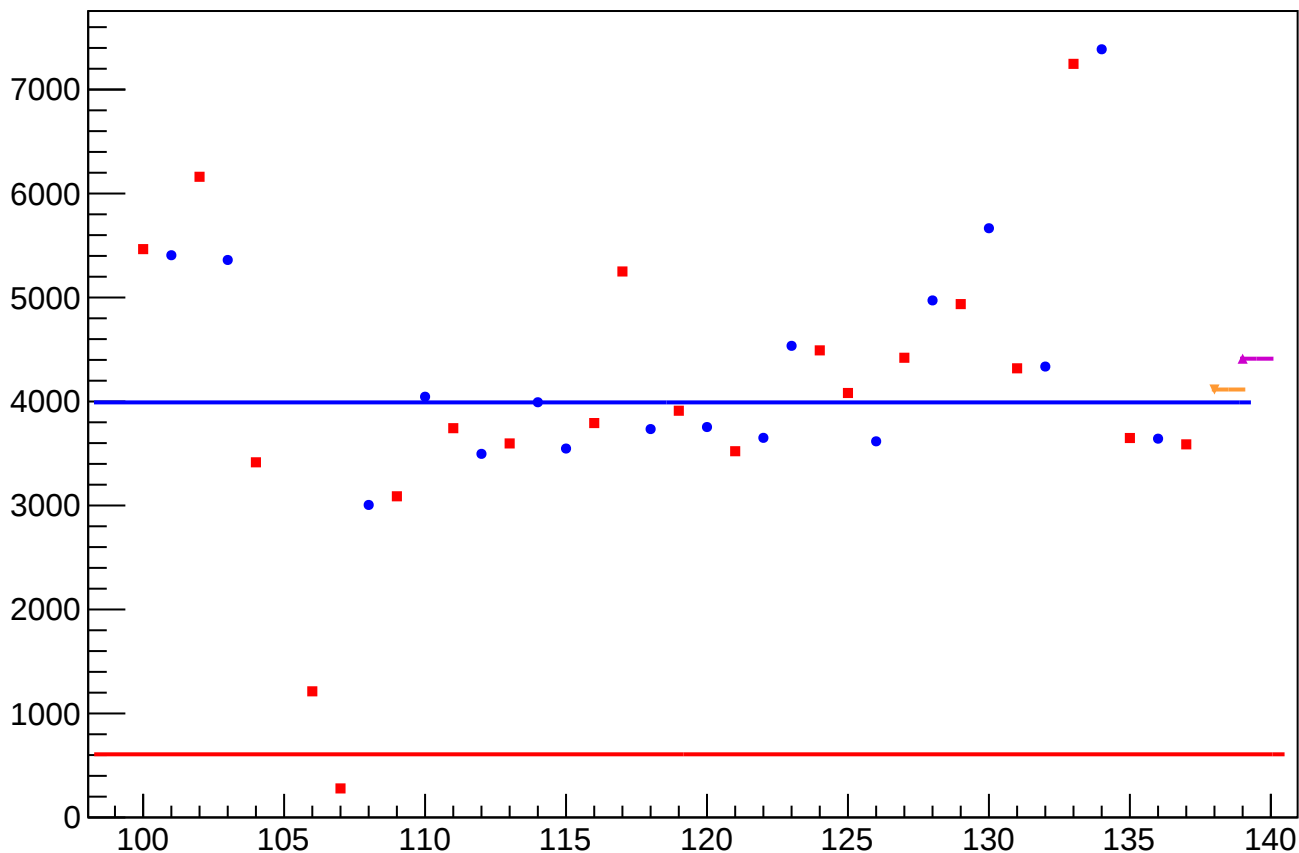
Right Out: -486.774+/-453.611 χ^2/NDF : 19.0/19

Left In: -1569.766+/-5180.904 χ^2/NDF : 0.0/0

1375.636+/-1503.184 χ^2/NDF : 14.5/17

-495.013+/-451.882 χ^2/NDF : 19.1/20

asym_atl1r2_dd_correction_rms vs Slug



Right In: 3991.416+/-1.118 χ^2/NDF : 510782.7/16

Left Out: 4115.325+/-3.429 χ^2/NDF : 0.0/0

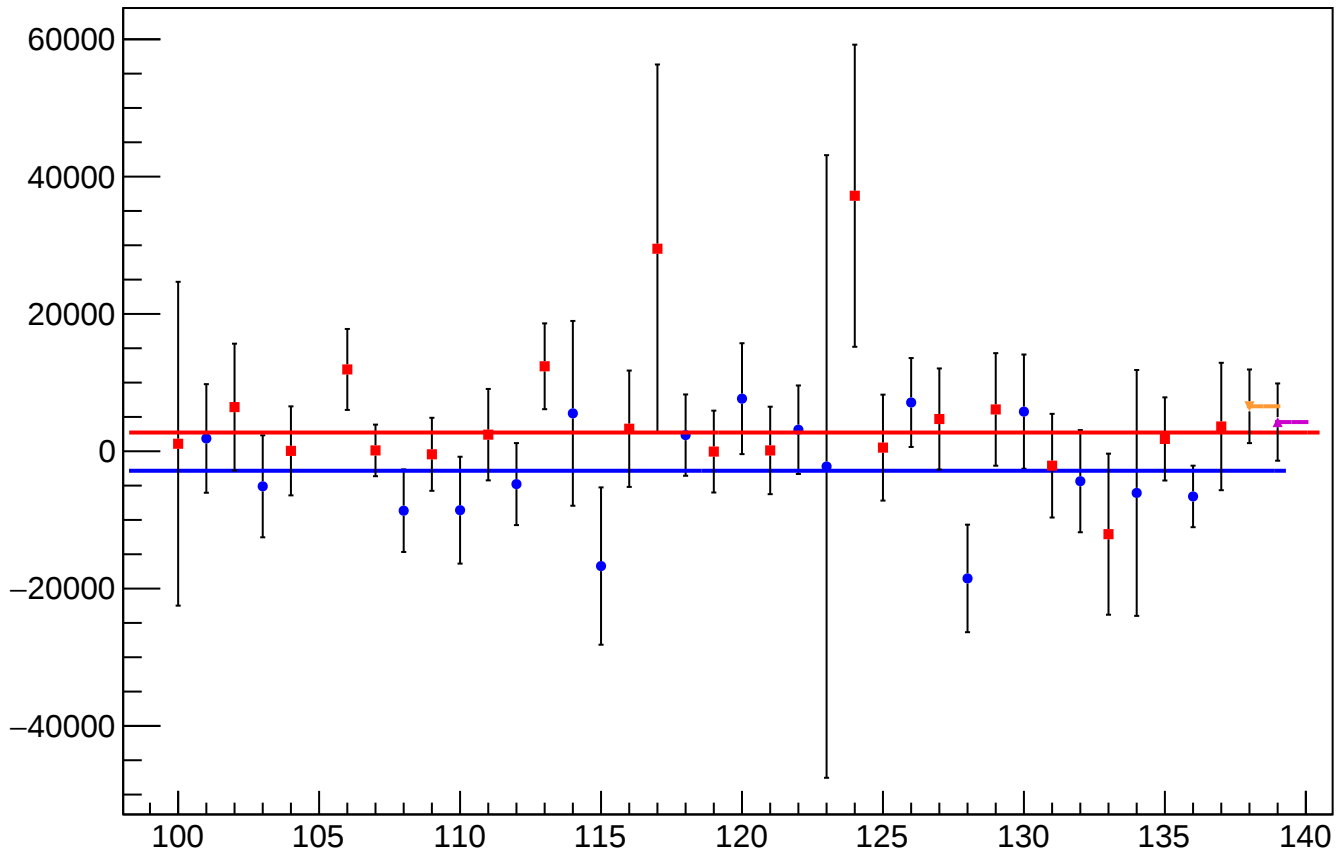
Right Out: 607.234+/-0.321 χ^2/NDF : 10314440.1/19

Left In: 4411.736+/-3.663 χ^2/NDF : 0.0/0

4003.322+/-1.063 χ^2/NDF : 511963.0/17

636.177+/-0.320 χ^2/NDF : 11384721.3/20

asym_atl1r2_dd_mean vs Slug



Right In: -2839.599+/-1786.019 χ^2/NDF : 15.4/16

Left Out: 6548.788+/-5362.538 χ^2/NDF : 0.0/0

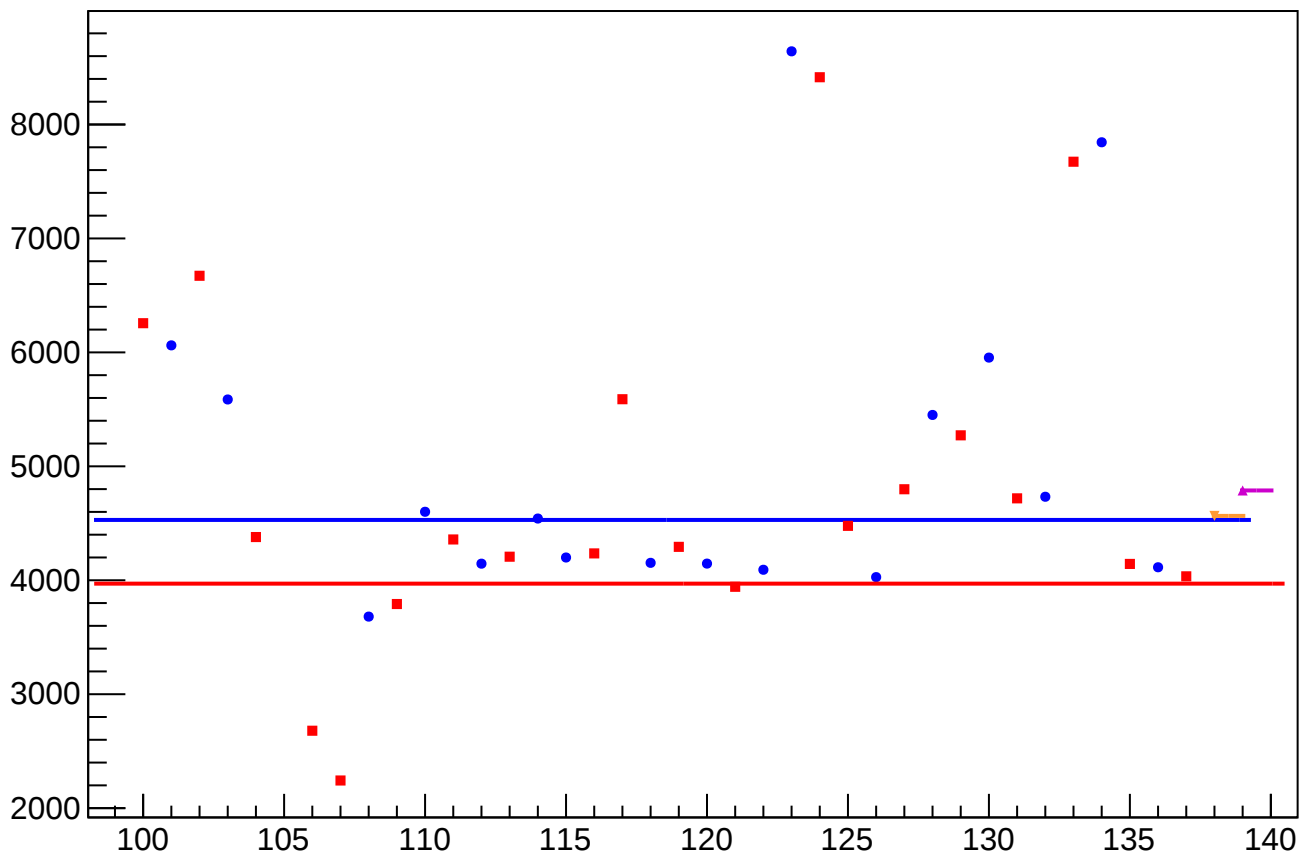
Right Out: 2729.311+/-1572.398 χ^2/NDF : 12.2/19

Left In: 4251.552+/-5625.811 χ^2/NDF : 0.0/0

-1902.172+/-1694.508 χ^2/NDF : 18.2/17

2839.610+/-1514.360 χ^2/NDF : 12.3/20

asym_atl1r2_dd_rms vs Slug



Right In: 4529.462+/-1.263 χ^2/NDF : 389326.2/16

Left Out: 4564.909+/-3.792 χ^2/NDF : 0.0/0

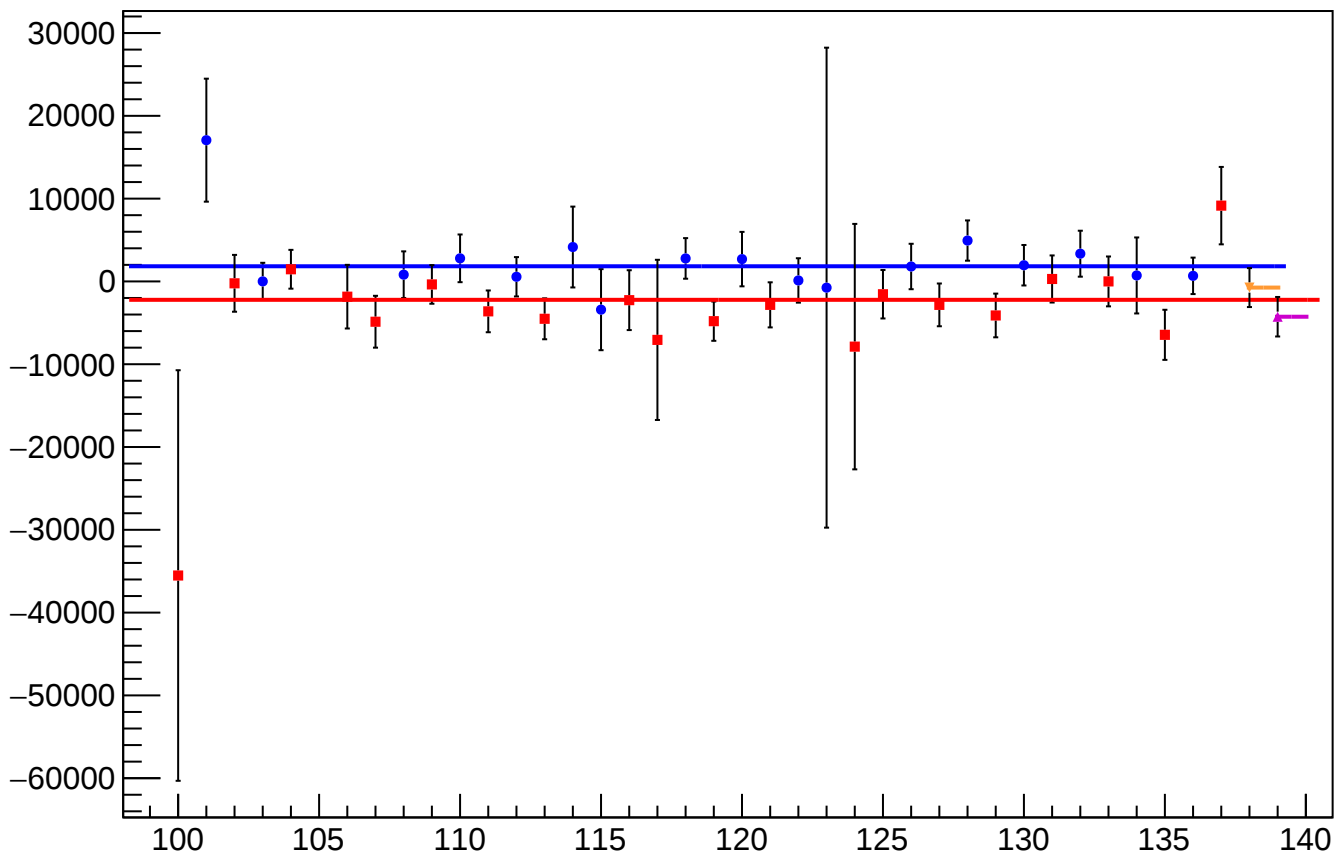
Right Out: 3970.336+/-1.105 χ^2/NDF : 1147711.9/19

Left In: 4788.183+/-3.978 χ^2/NDF : 0.0/0

4533.001+/-1.198 χ^2/NDF : 389404.8/17

4028.897+/-1.064 χ^2/NDF : 1186952.7/20

reg_asym_atr1l2_avg_mean vs Slug



Right In: 1830.102+/-711.335 χ^2/NDF : 9.7/16

Left Out: -743.805+/-2352.342 χ^2/NDF : 0.0/0

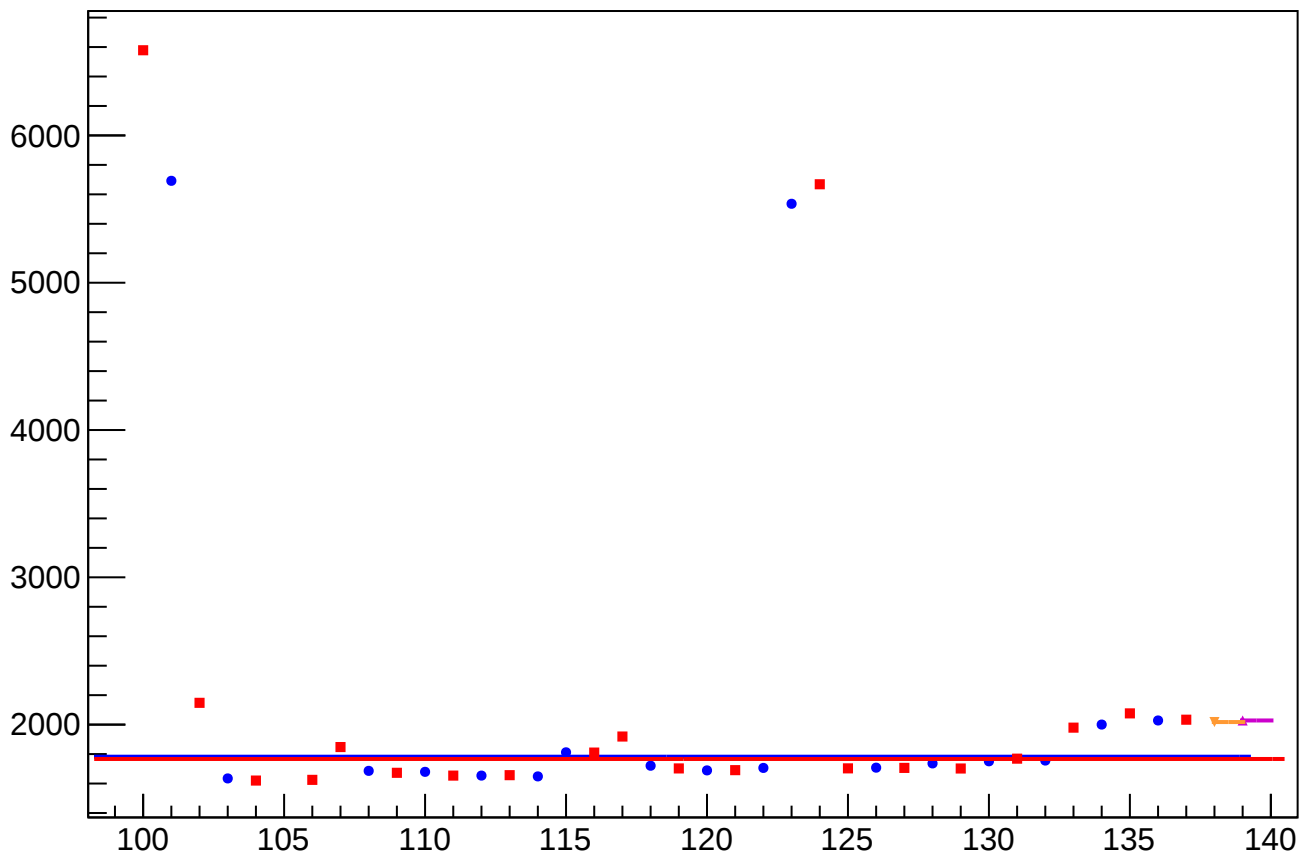
Right Out: -2222.274+/-682.500 χ^2/NDF : 18.6/19

Left In: -4264.491+/-2386.567 χ^2/NDF : 0.0/0

1614.457+/-680.885 χ^2/NDF : 10.8/17

-2376.665+/-656.195 χ^2/NDF : 19.3/20

reg_asym_atr1l2_avg_rms vs Slug



Right In: 1782.137+/-0.503 χ^2/NDF : 645188.8/16

Left Out: 2017.428+/-1.663 χ^2/NDF : 0.0/0

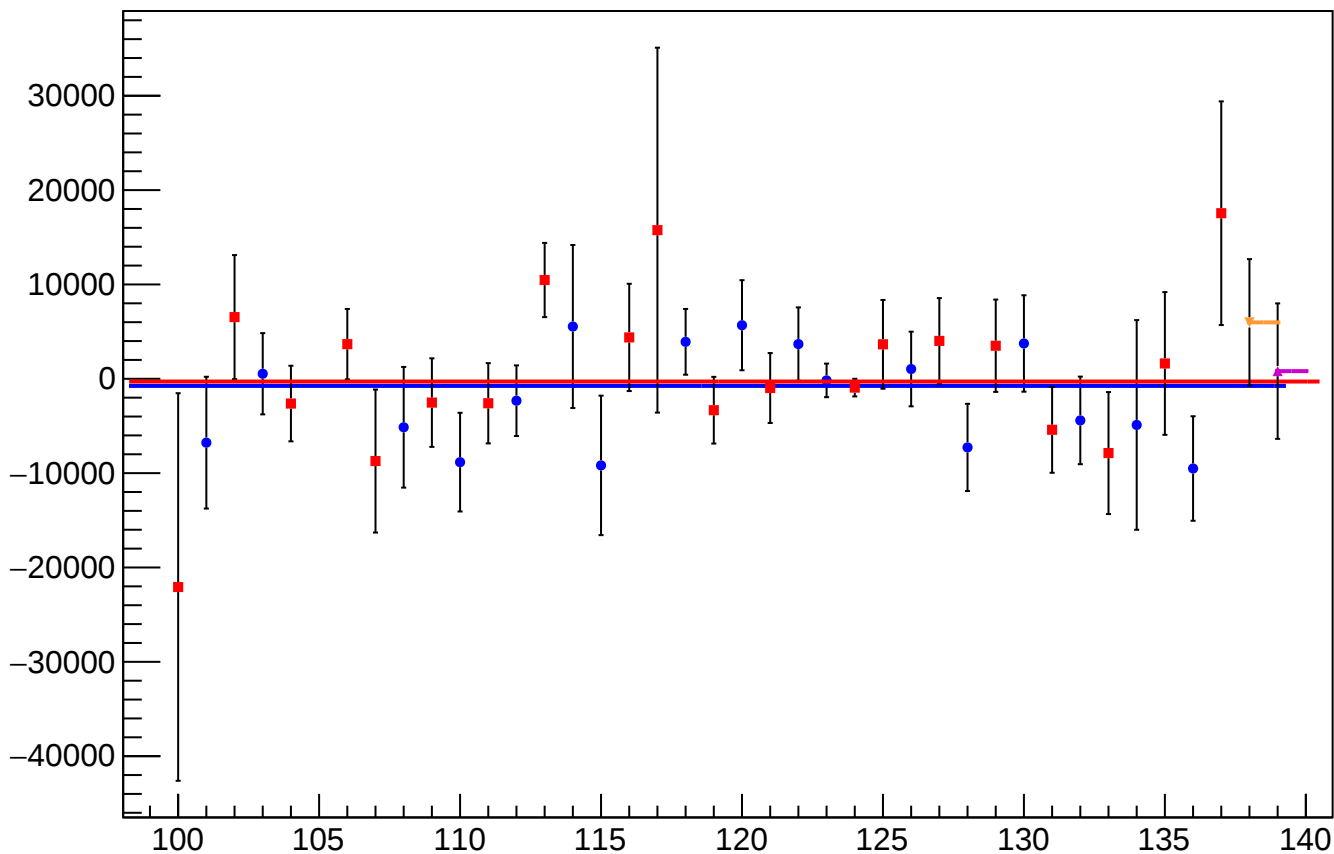
Right Out: 1766.719+/-0.479 χ^2/NDF : 307297.1/19

Left In: 2028.131+/-1.688 χ^2/NDF : 0.0/0

1801.850+/-0.481 χ^2/NDF : 663522.1/17

1786.233+/-0.461 χ^2/NDF : 329501.7/20

asym_atr1l2_avg_correction_mean vs Slug



Right In: -753.428+/-1008.523 χ^2/NDF : 16.9/16

Left Out: 5980.788+/-6703.056 χ^2/NDF : 0.0/0

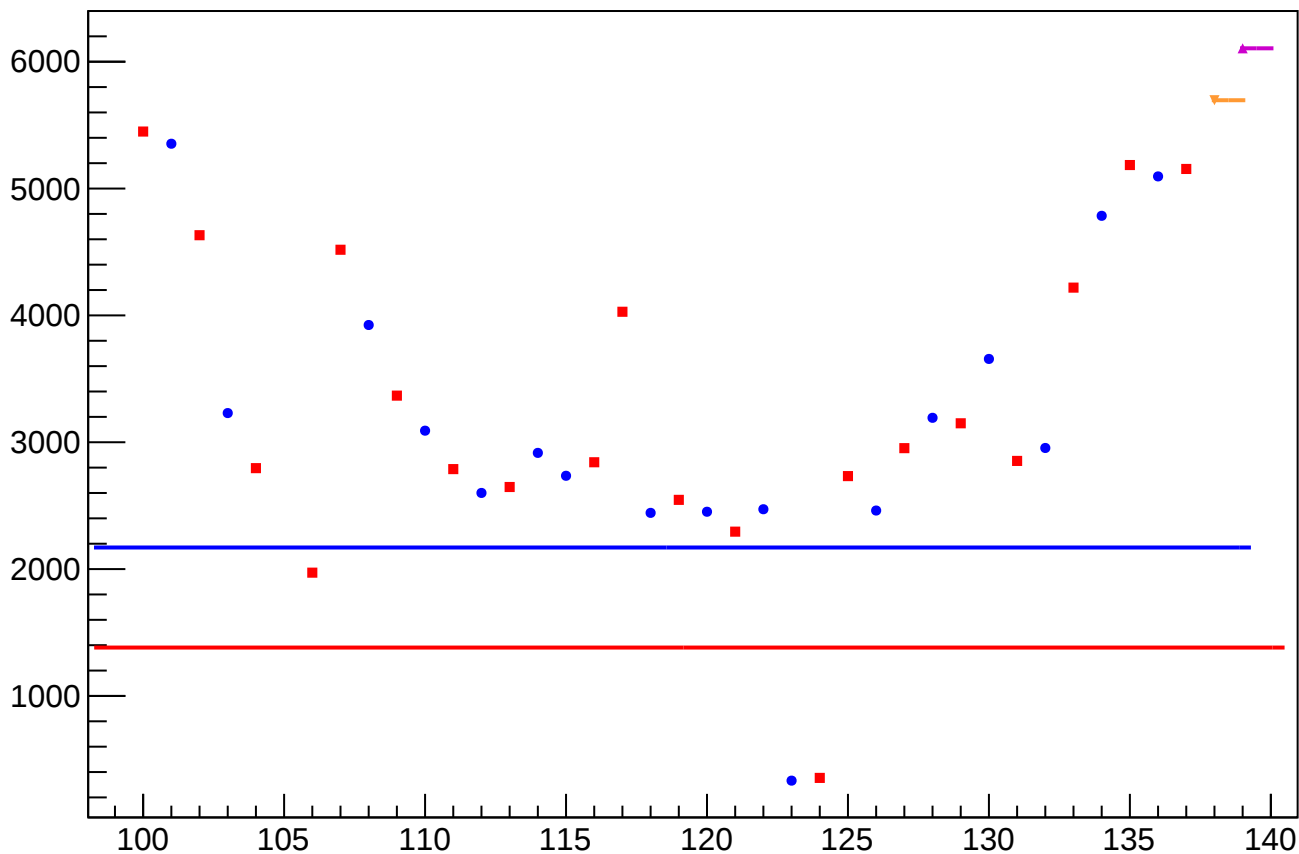
Right Out: -288.847+/-724.622 χ^2/NDF : 22.7/19

Left In: 813.108+/-7179.217 χ^2/NDF : 0.0/0

-604.357+/-997.298 χ^2/NDF : 17.9/17

-277.734+/-720.959 χ^2/NDF : 22.7/20

asym_atr1l2_avg_correction_rms vs Slug



Right In: 2170.242+/-0.713 χ^2/NDF : 3973725.5/16

Left Out: 5696.297+/-4.740 χ^2/NDF : 0.0/0

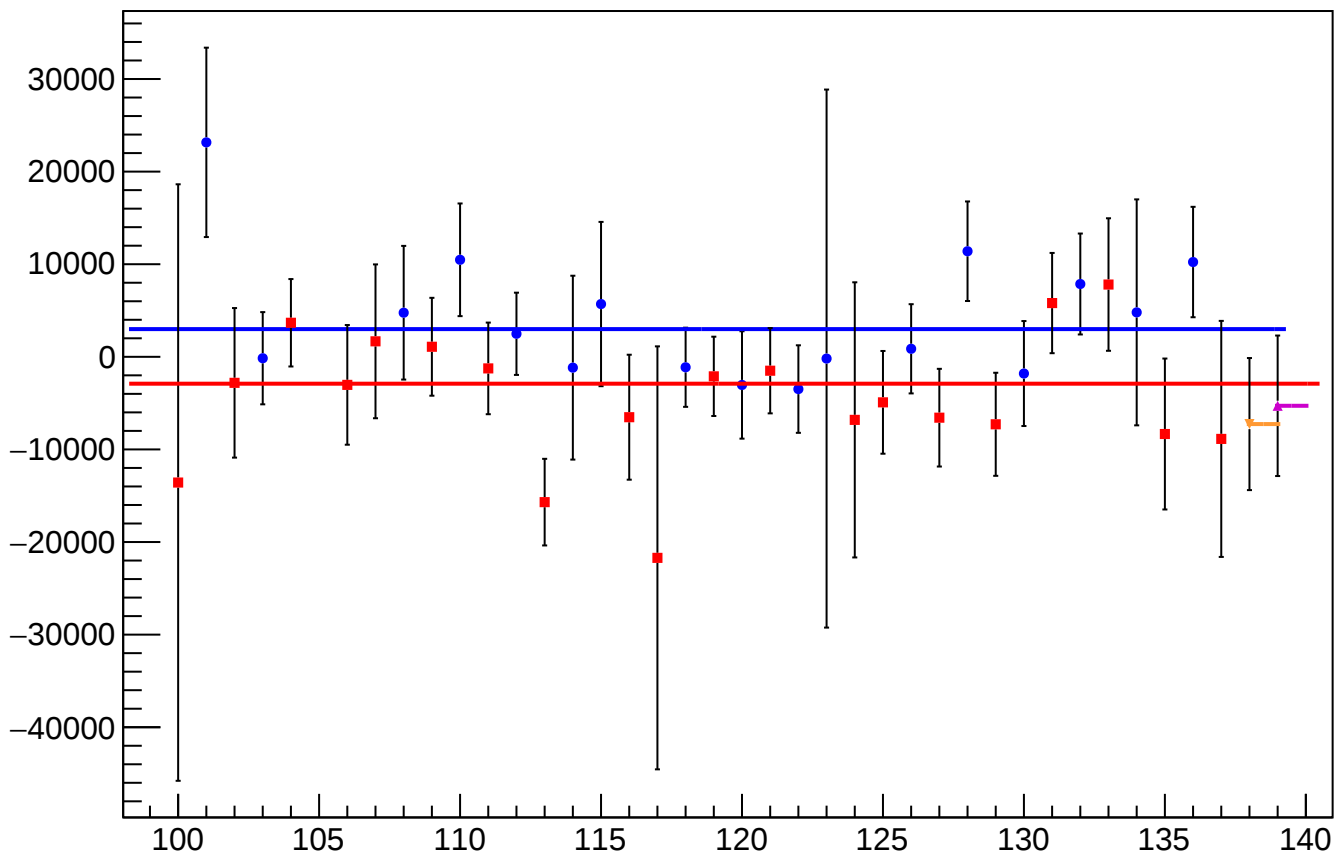
Right Out: 1381.438+/-0.512 χ^2/NDF : 6884822.3/19

Left In: 6105.566+/-5.076 χ^2/NDF : 0.0/0

2248.296+/-0.705 χ^2/NDF : 4514904.4/17

1429.080+/-0.510 χ^2/NDF : 7742091.4/20

asym_atr1l2_avg_mean vs Slug



Right In: 2992.806 $\pm$ 1447.211 χ^2 /NDF: 15.7/16

Left Out: -7262.452 $\pm$ 7130.819 χ^2 /NDF: 0.0/0

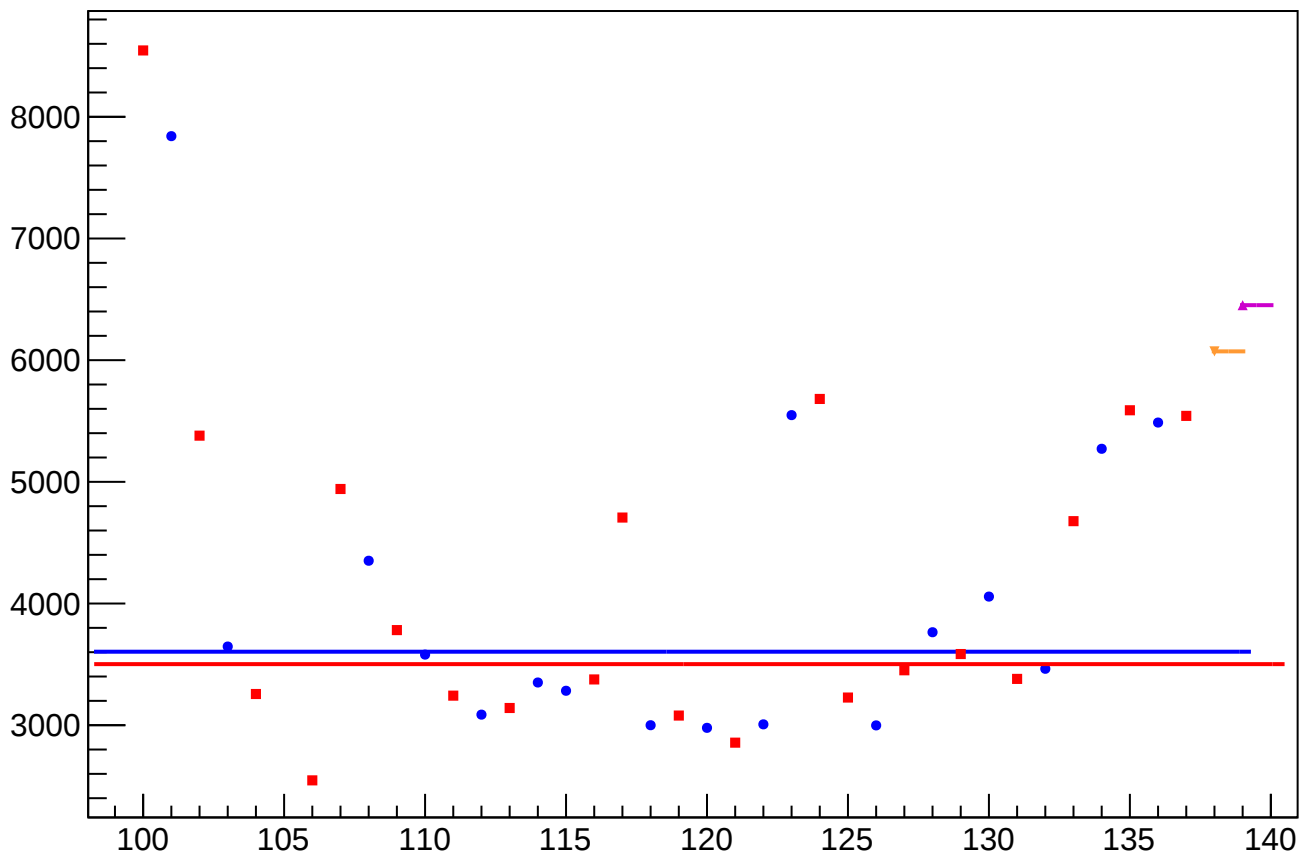
Right Out: -2901.985 $\pm$ 1376.603 χ^2 /NDF: 18.4/19

Left In: -5287.743 $\pm$ 7586.303 χ^2 /NDF: 0.0/0

2587.110 $\pm$ 1418.296 χ^2 /NDF: 17.7/17

-2978.037 $\pm$ 1354.483 χ^2 /NDF: 18.5/20

asym_atr1l2_avg_rms vs Slug



Right In: 3603.930+/-1.023 χ^2/NDF : 784674.5/16

Left Out: 6072.322+/-5.042 χ^2/NDF : 0.0/0

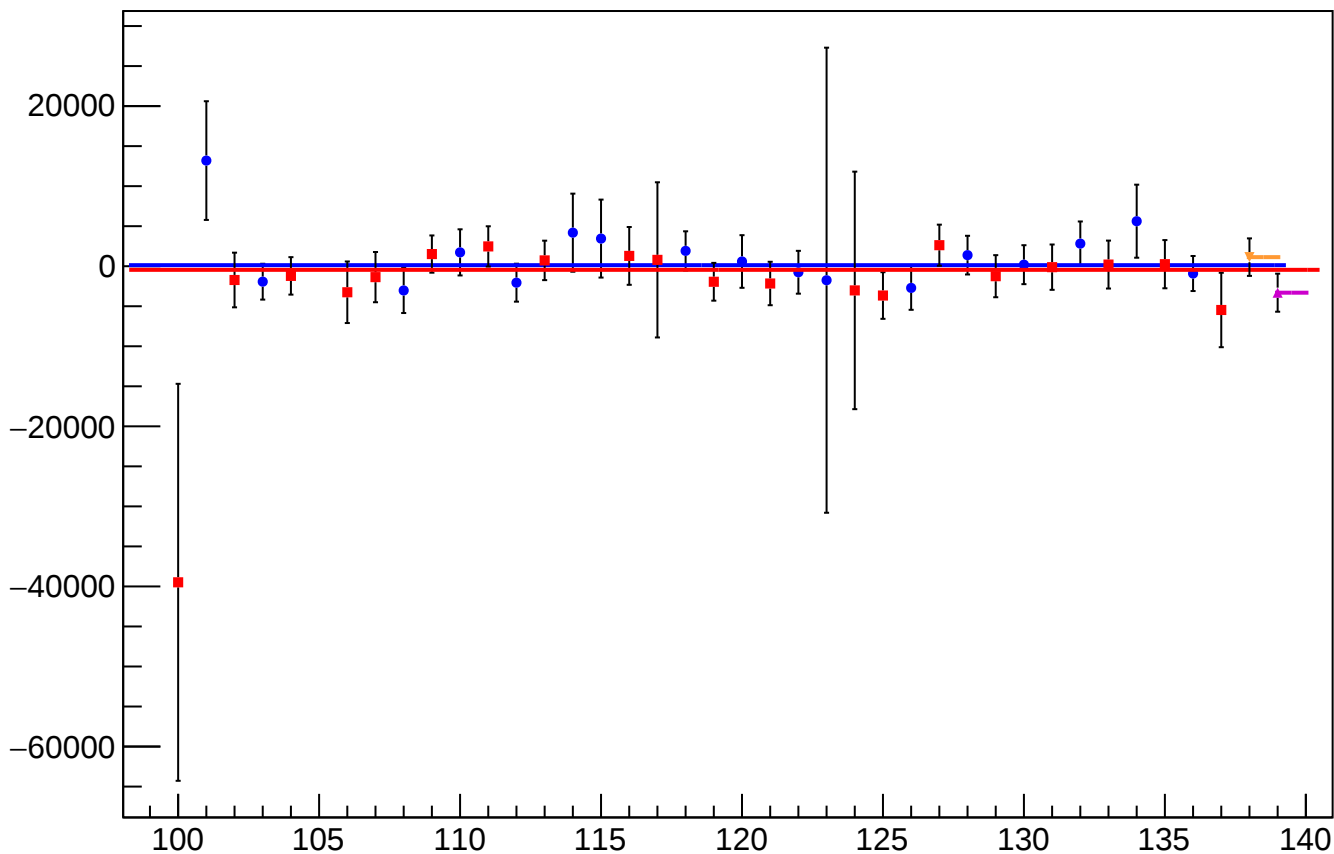
Right Out: 3501.857+/-0.960 χ^2/NDF : 667483.1/19

Left In: 6452.099+/-5.364 χ^2/NDF : 0.0/0

3701.578+/-1.003 χ^2/NDF : 1014845.2/17

3593.398+/-0.945 χ^2/NDF : 960569.7/20

reg_asym_atr1l2_dd_mean vs Slug



Right In: 130.913 $\pm$ 709.207 χ^2 /NDF: 12.2/16

Left Out: 1134.459 $\pm$ 2341.893 χ^2 /NDF:0.0/0

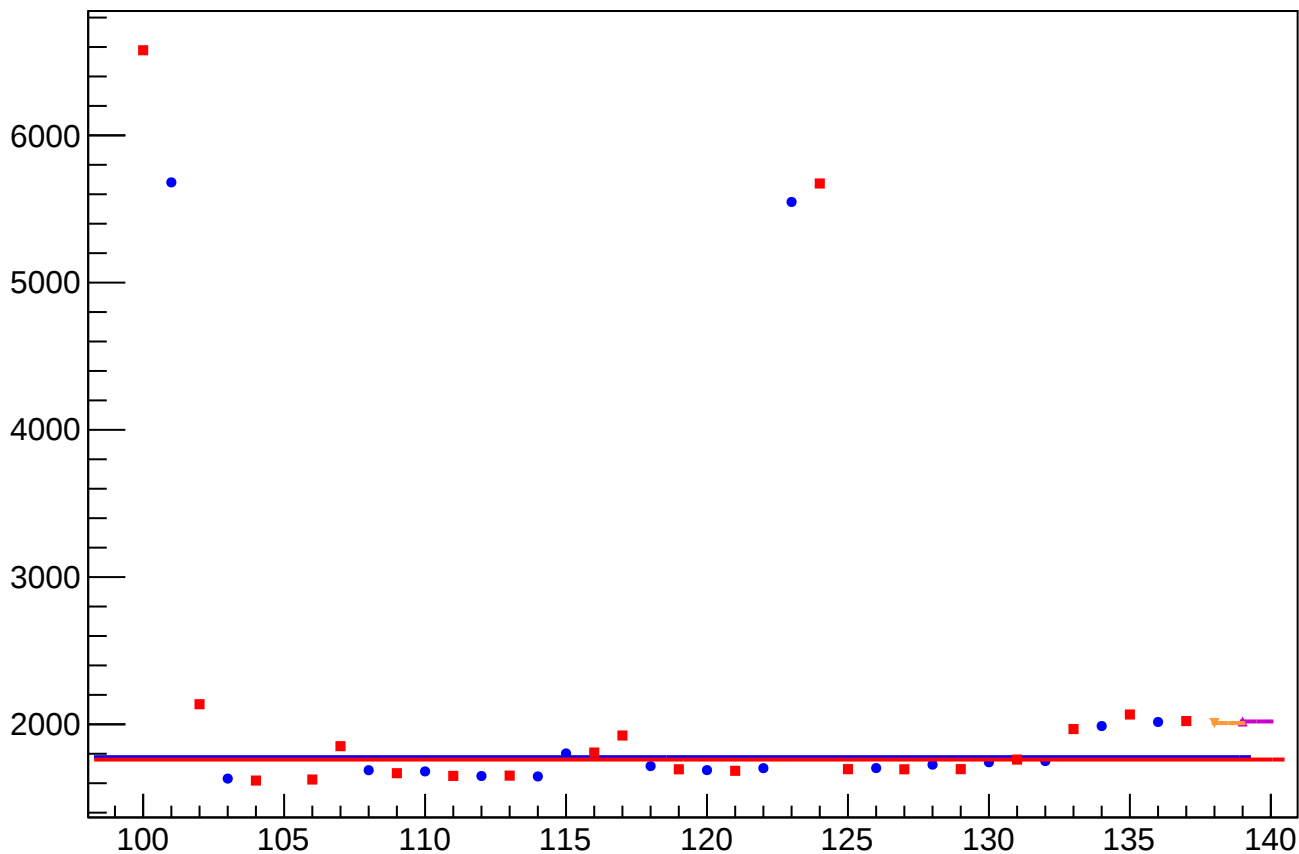
Right Out: -452.872 $\pm$ 680.160 χ^2 /NDF: 10.7/19

Left In: -3307.609 $\pm$ 2376.138 χ^2 /NDF:0.0/0

215.216 $\pm$ 678.765 χ^2 /NDF: 12.3/17

-669.066 $\pm$ 653.898 χ^2 /NDF: 12.1/20

reg_asym_atr1l2_dd_rms vs Slug



Right In: 1776.879+/-0.501 χ^2/NDF : 643576.8/16

Left Out: 2008.499+/-1.656 χ^2/NDF : 0.0/0

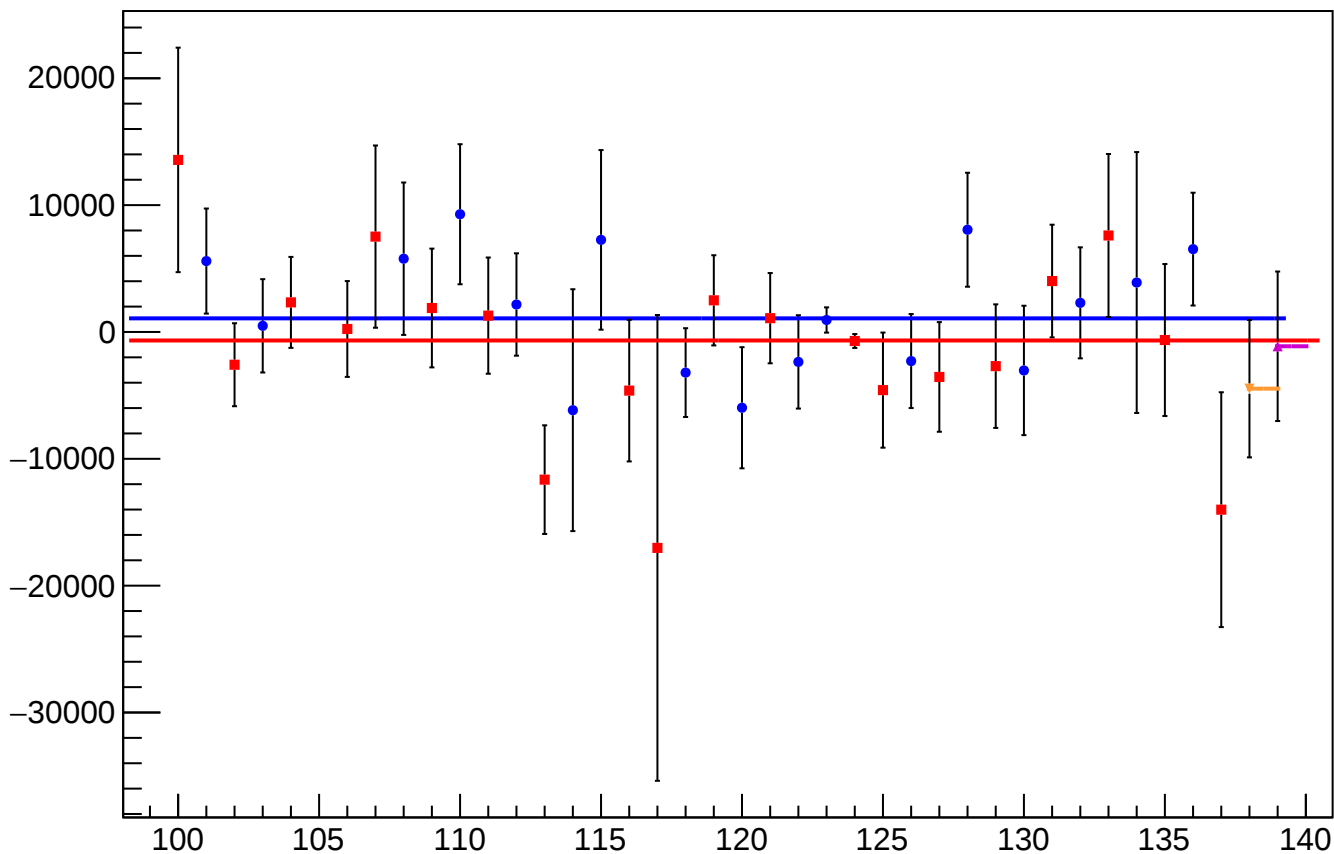
Right Out: 1760.787+/-0.478 χ^2/NDF : 306724.5/19

Left In: 2019.382+/-1.680 χ^2/NDF : 0.0/0

1796.336+/-0.480 χ^2/NDF : 661496.9/17

1780.126+/-0.459 χ^2/NDF : 328641.0/20

asym_atr1l2_dd_correction_mean vs Slug



Right In: 1072.194+/-752.280 χ^2/NDF : 15.6/16

Left Out: -4468.599+/-5418.636 χ^2/NDF : 0.0/0

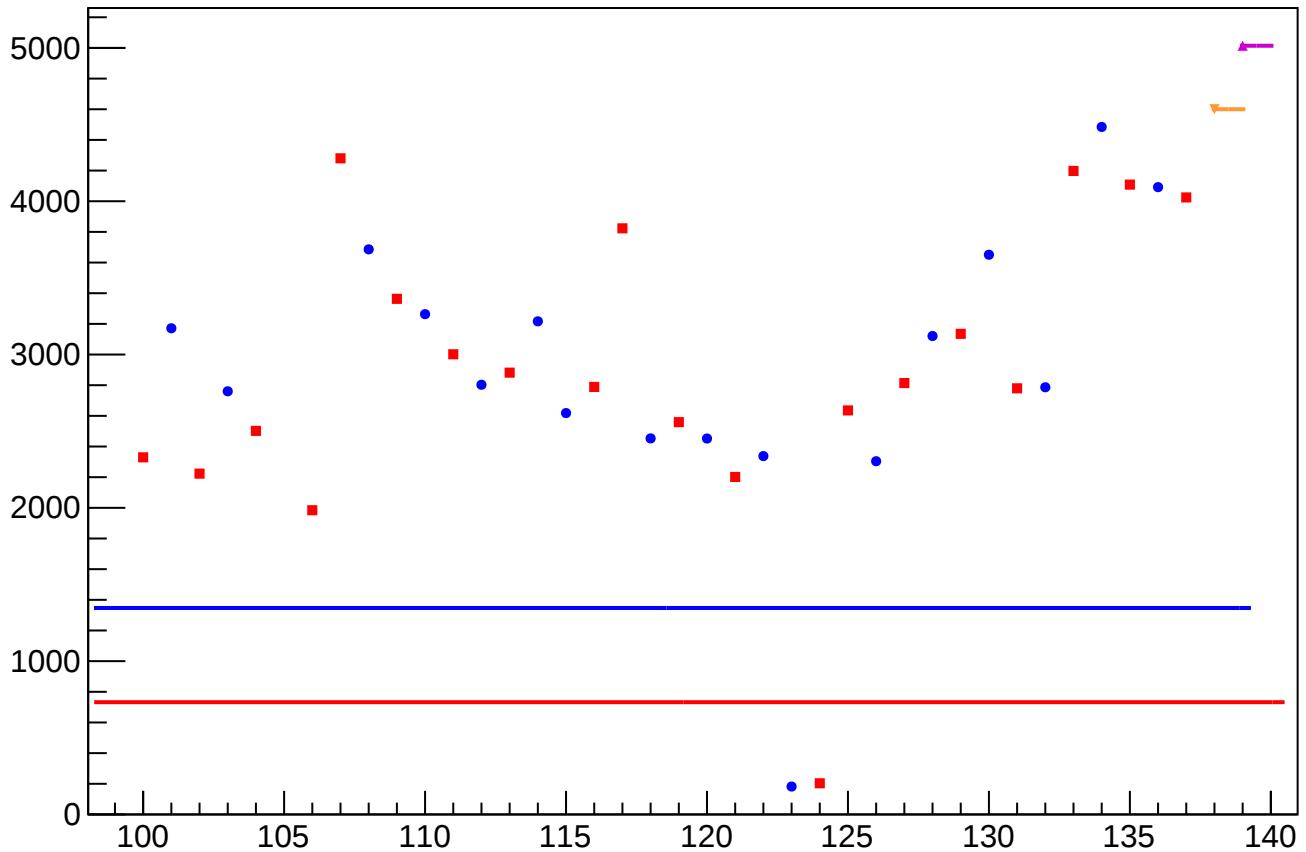
Right Out: -670.313+/-487.861 χ^2/NDF : 20.6/19

Left In: -1127.877+/-5893.271 χ^2/NDF : 0.0/0

967.419+/-745.133 χ^2/NDF : 16.6/17

-673.427+/-486.198 χ^2/NDF : 20.6/20

asym_atr1l2_dd_correction_rms vs Slug



Right In: 1346.836 $\pm$ 0.532 χ^2 /NDF: 6839112.6/16

Left Out: 4600.254 $\pm$ 3.832 χ^2 /NDF:0.0/0

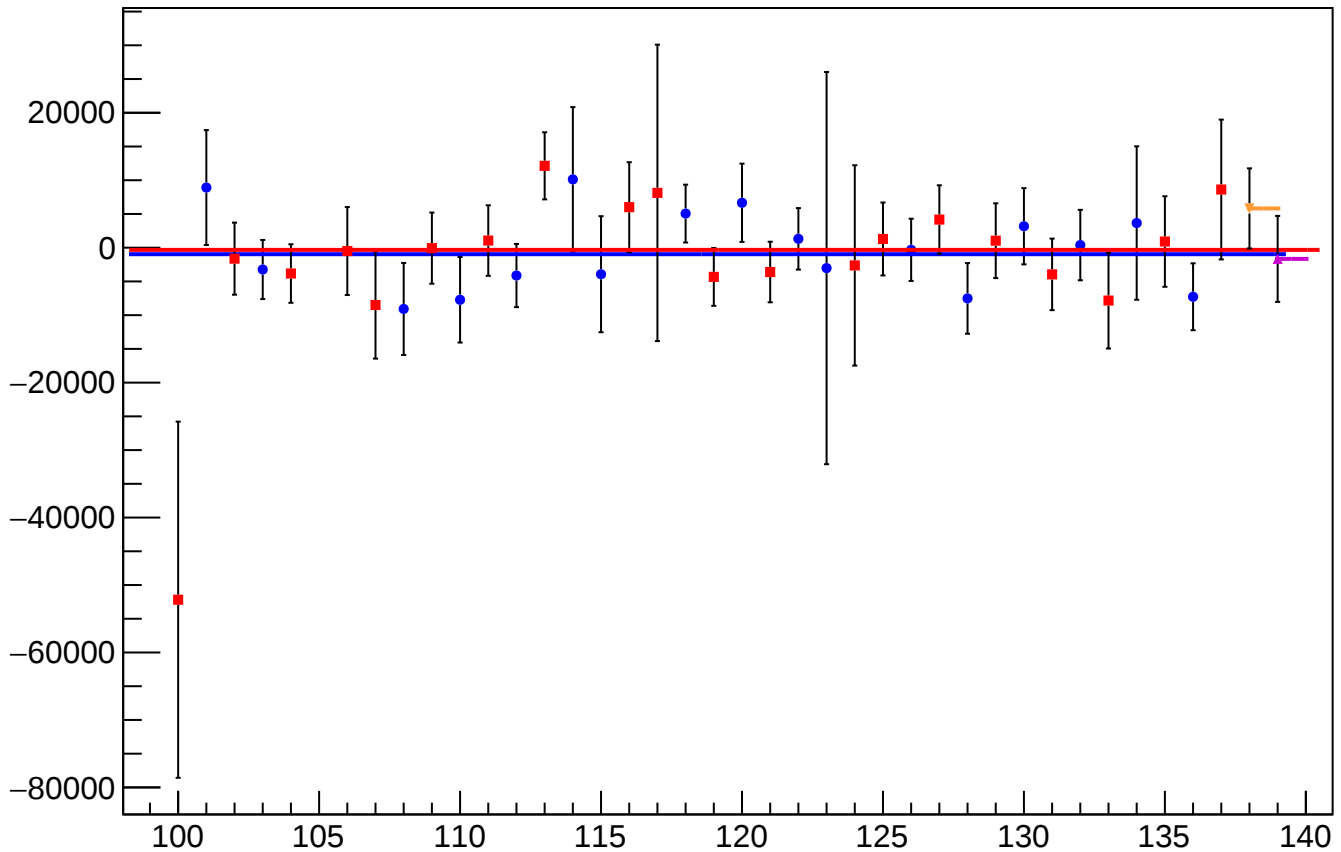
Right Out: 732.303 $\pm$ 0.345 χ^2 /NDF: 9559853.6/19

Left In: 5014.347 $\pm$ 4.167 χ^2 /NDF:0.0/0

1408.358 $\pm$ 0.527 χ^2 /NDF: 7546469.5/17

761.448 $\pm$ 0.344 χ^2 /NDF: 10608558.7/20

asym_atr1l2_dd_mean vs Slug



Right In: -964.151+/-1395.626 χ^2/NDF : 13.7/16

Left Out: 5821.829+/-5937.162 χ^2/NDF : 0.0/0

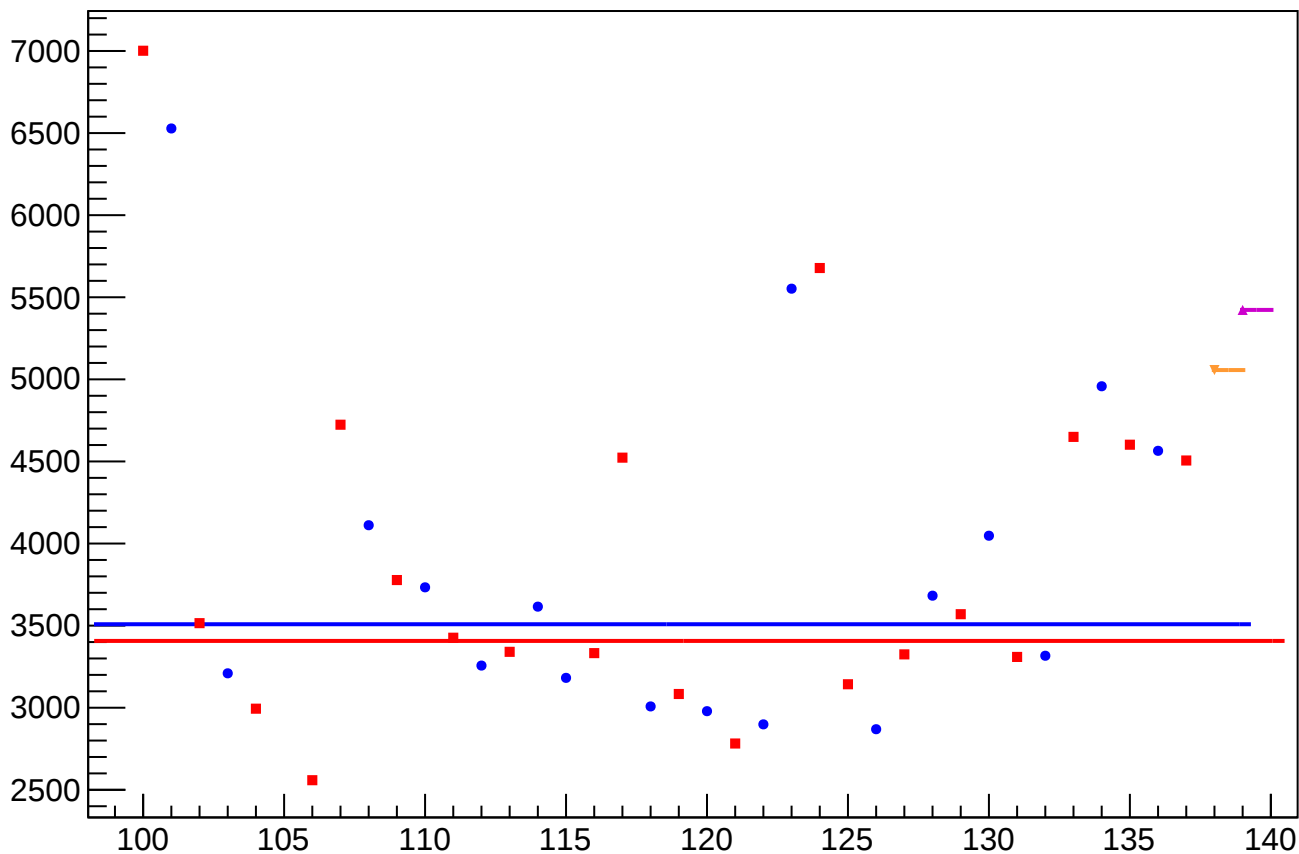
Right Out: -323.694+/-1327.331 χ^2/NDF : 17.8/19

Left In: -1658.986+/-6374.124 χ^2/NDF : 0.0/0

-608.819+/-1358.595 χ^2/NDF : 15.0/17

-379.190+/-1299.456 χ^2/NDF : 17.8/20

asym_atr1l2_dd_rms vs Slug



Right In: 3508.483+/-0.987 χ^2/NDF : 562197.7/16

Left Out: 5056.659+/-4.198 χ^2/NDF : 0.0/0

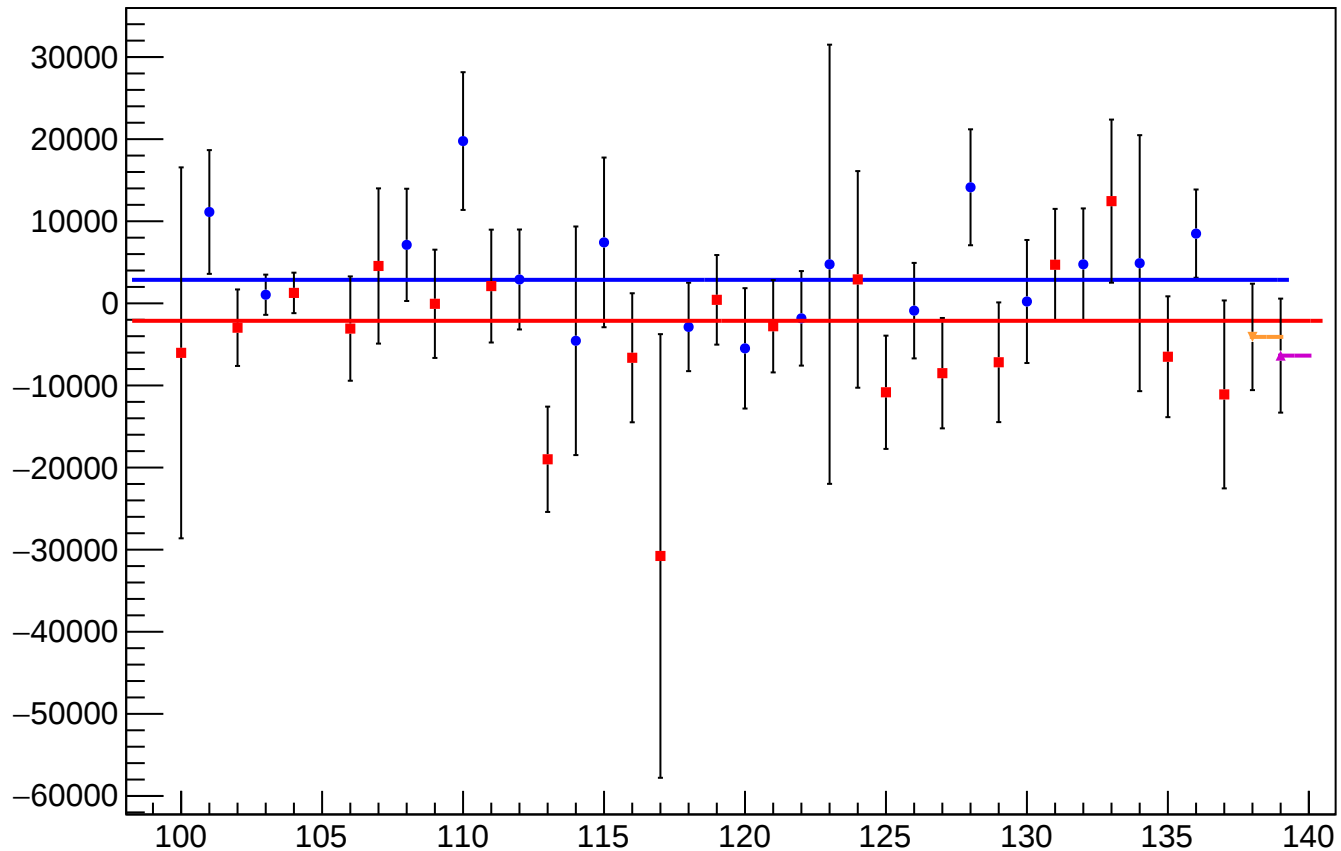
Right Out: 3406.868+/-0.926 χ^2/NDF : 433737.9/19

Left In: 5422.955+/-4.507 χ^2/NDF : 0.0/0

3589.549+/-0.961 χ^2/NDF : 691068.7/17

3488.597+/-0.907 χ^2/NDF : 625708.7/20

reg_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2864.770+/-1452.658 χ^2/NDF : 14.1/16

Left Out: -4086.240+/-6480.434 χ^2/NDF : 0.0/0

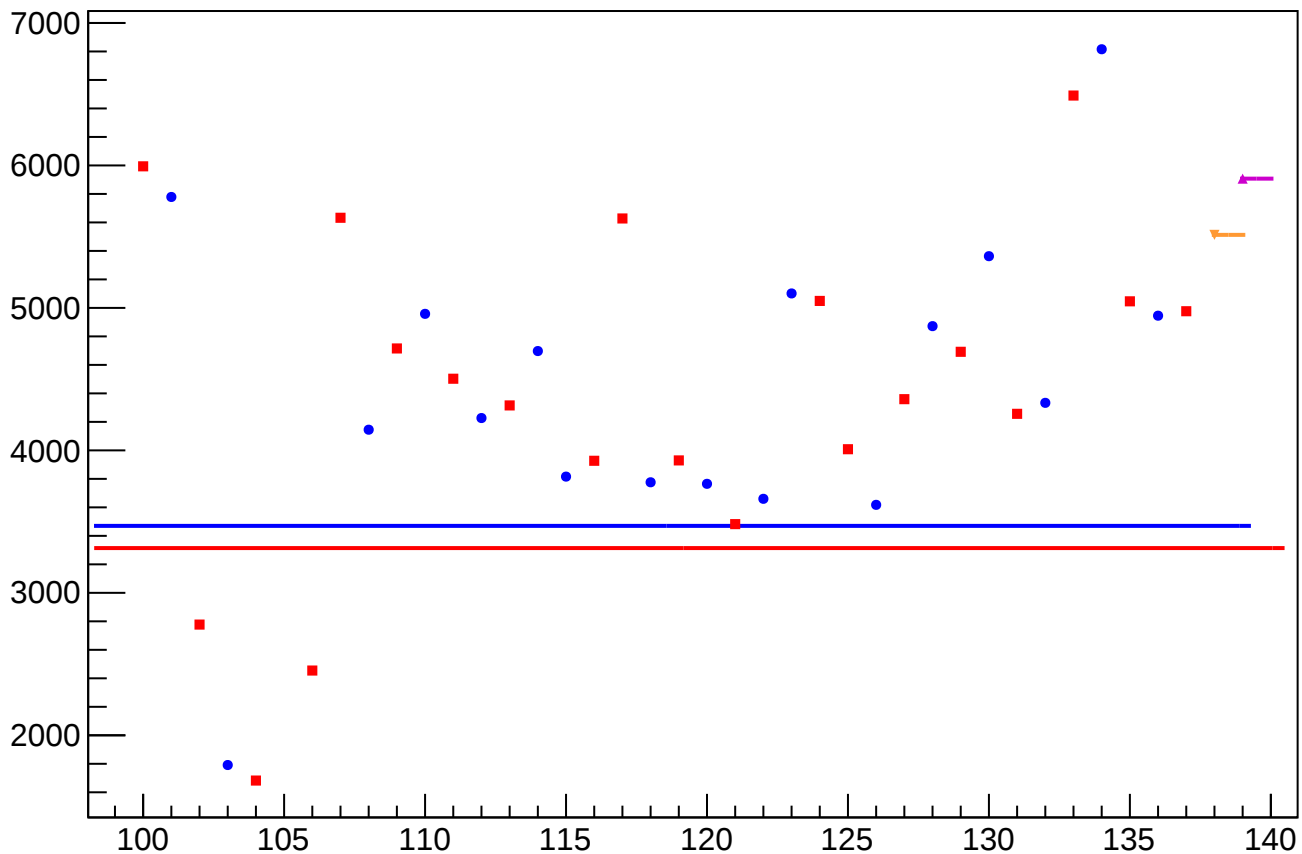
Right Out: -2126.105+/-1379.774 χ^2/NDF : 18.8/19

Left In: -6365.830+/-6943.264 χ^2/NDF : 0.0/0

2532.207+/-1417.481 χ^2/NDF : 15.2/17

-2287.171+/-1353.311 χ^2/NDF : 19.2/20

reg_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 3470.042 $\pm$ 1.027 χ^2 /NDF: 1760860.6/16

Left Out: 5512.679 $\pm$ 4.582 χ^2 /NDF: 0.0/0

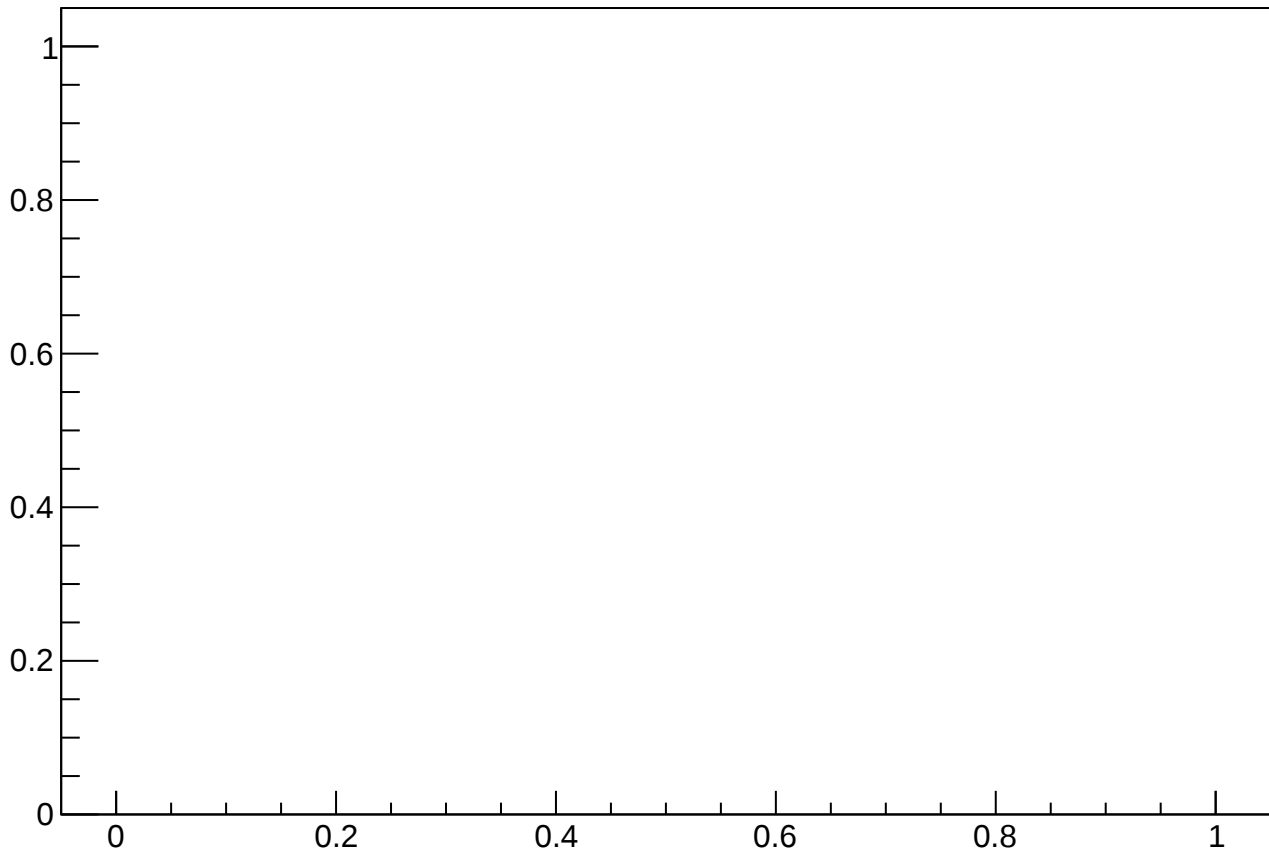
Right Out: 3314.183 $\pm$ 0.967 χ^2 /NDF: 1925484.9/19

Left In: 5907.336 $\pm$ 4.910 χ^2 /NDF: 0.0/0

3567.765 $\pm$ 1.002 χ^2 /NDF: 1950057.2/17

3410.976 $\pm$ 0.949 χ^2 /NDF: 2194042.8/20

asym_atl_avg_atr_avg_avg_correction_mean vs Slug



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

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

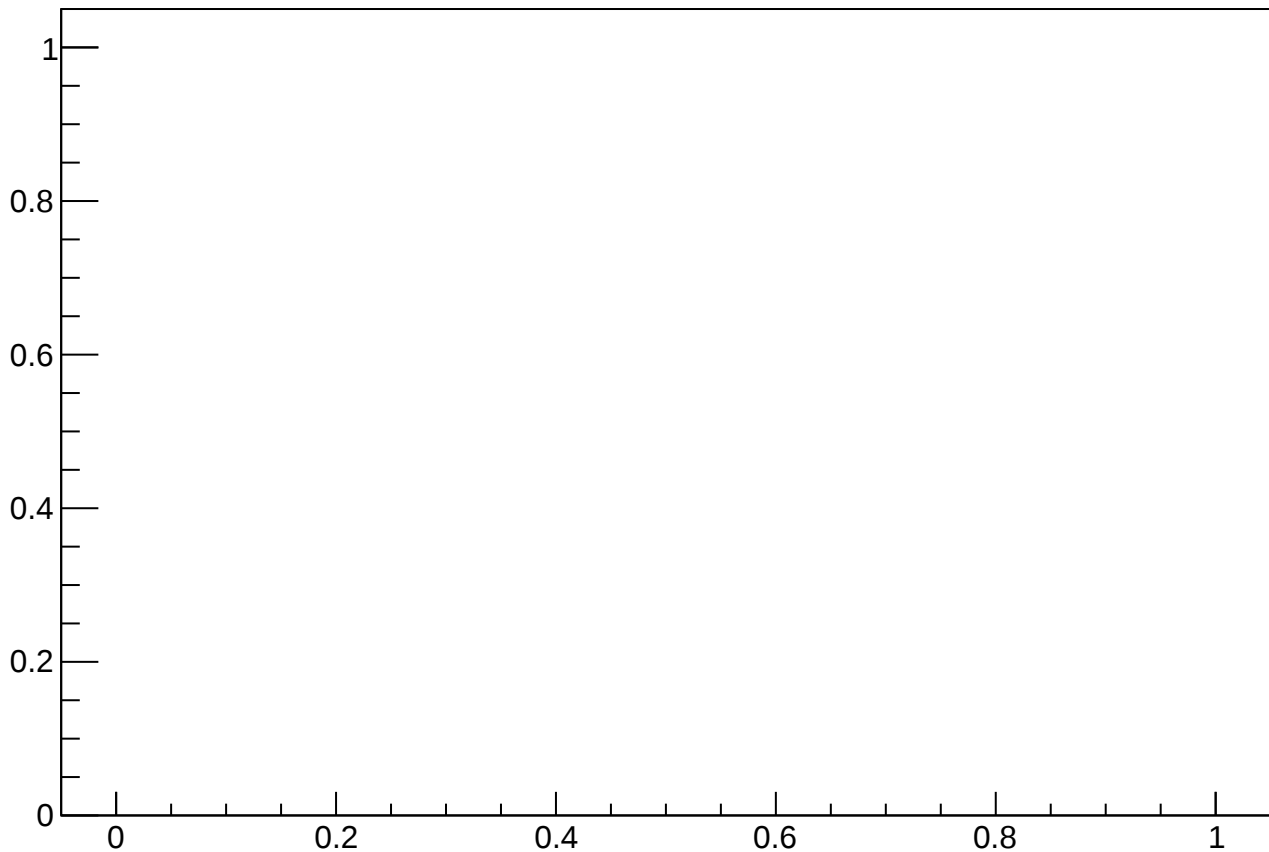
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_atl_avg_atr_avg_avg_correction_rms vs Slug



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

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

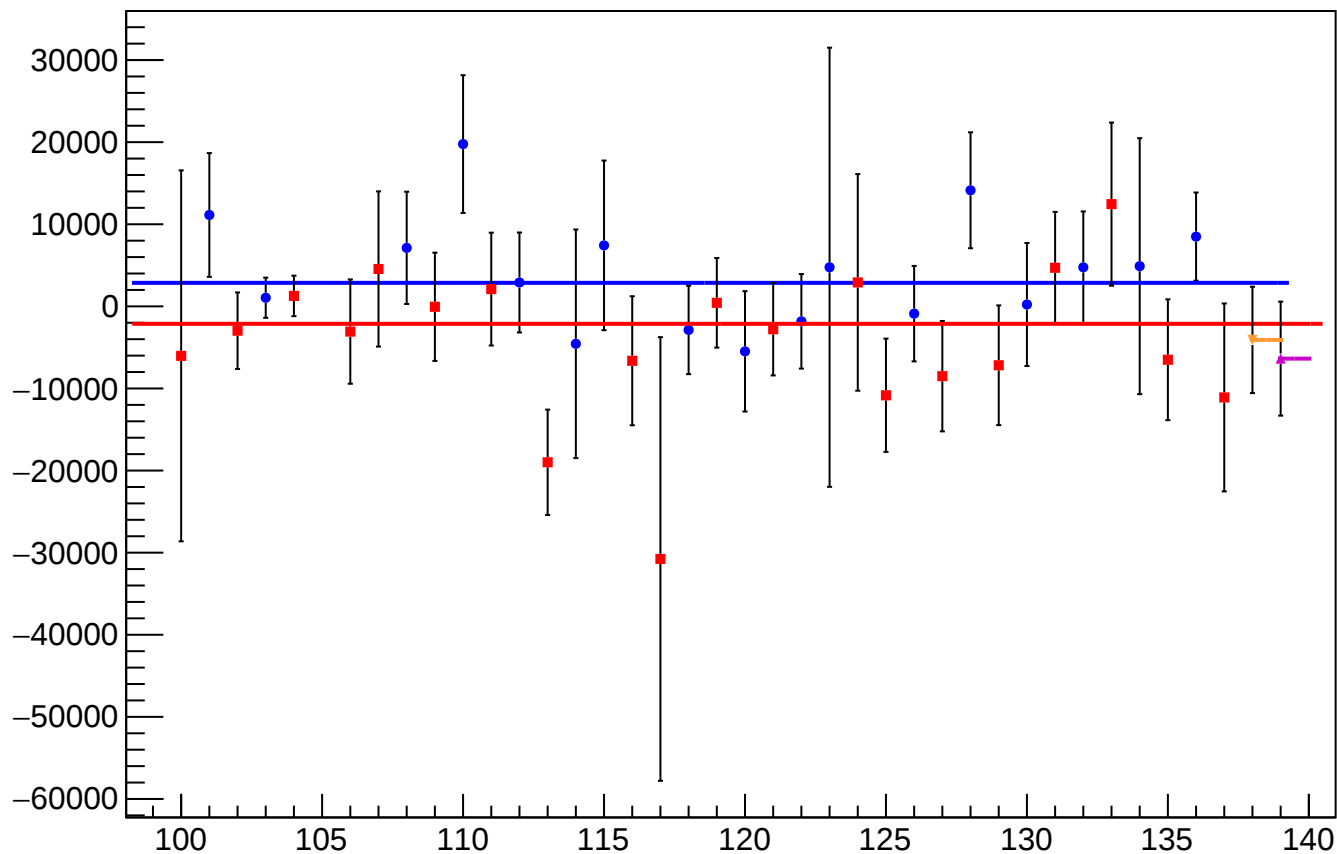
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2864.770+/-1452.658 χ^2/NDF : 14.1/16

Left Out: -4086.240+/-6480.434 χ^2/NDF : 0.0/0

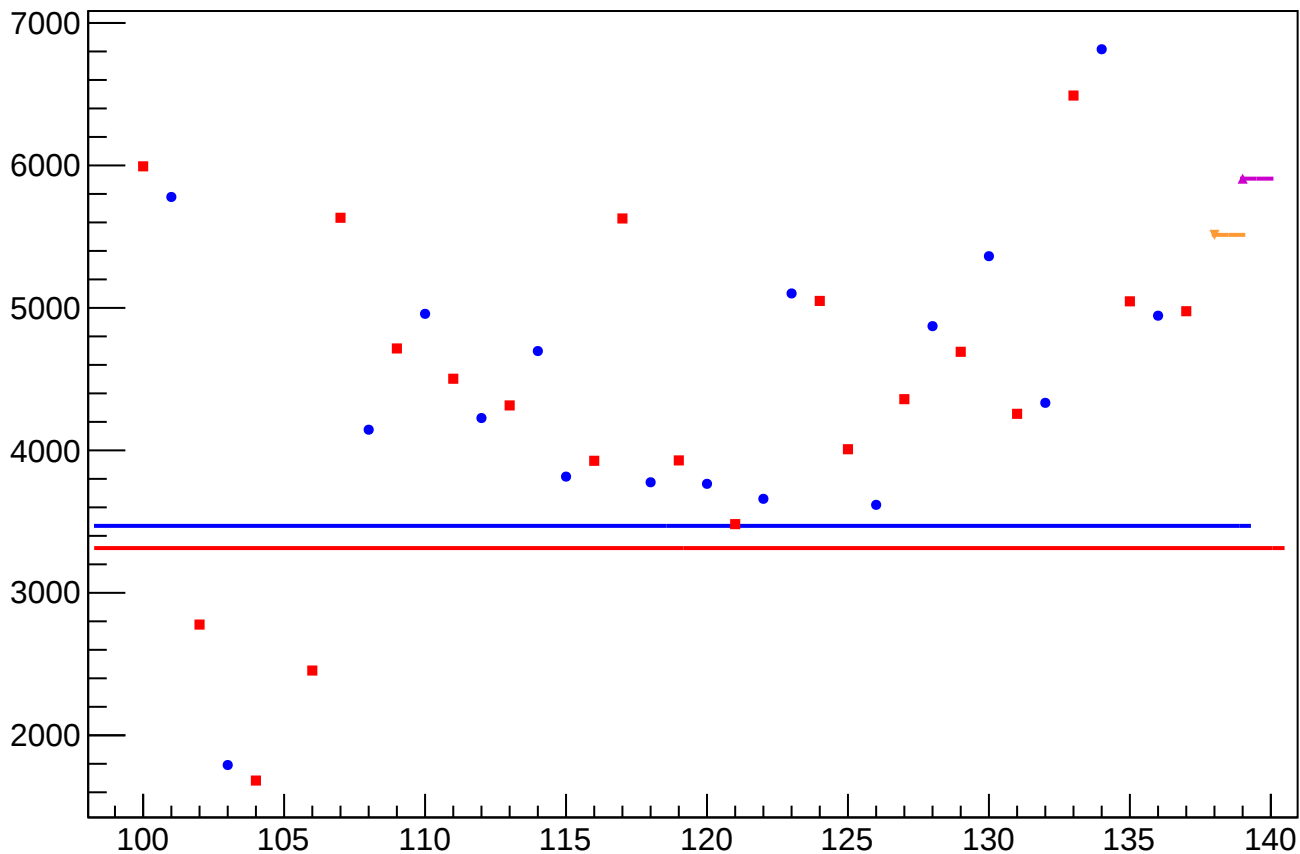
Right Out: -2126.105+/-1379.774 χ^2/NDF : 18.8/19

Left In: -6365.830+/-6943.264 χ^2/NDF : 0.0/0

2532.207+/-1417.481 χ^2/NDF : 15.2/17

-2287.171+/-1353.311 χ^2/NDF : 19.2/20

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 3470.042 $\pm$ 1.027 χ^2 /NDF: 1760860.6/16

Left Out: 5512.679 $\pm$ 4.582 χ^2 /NDF: 0.0/0

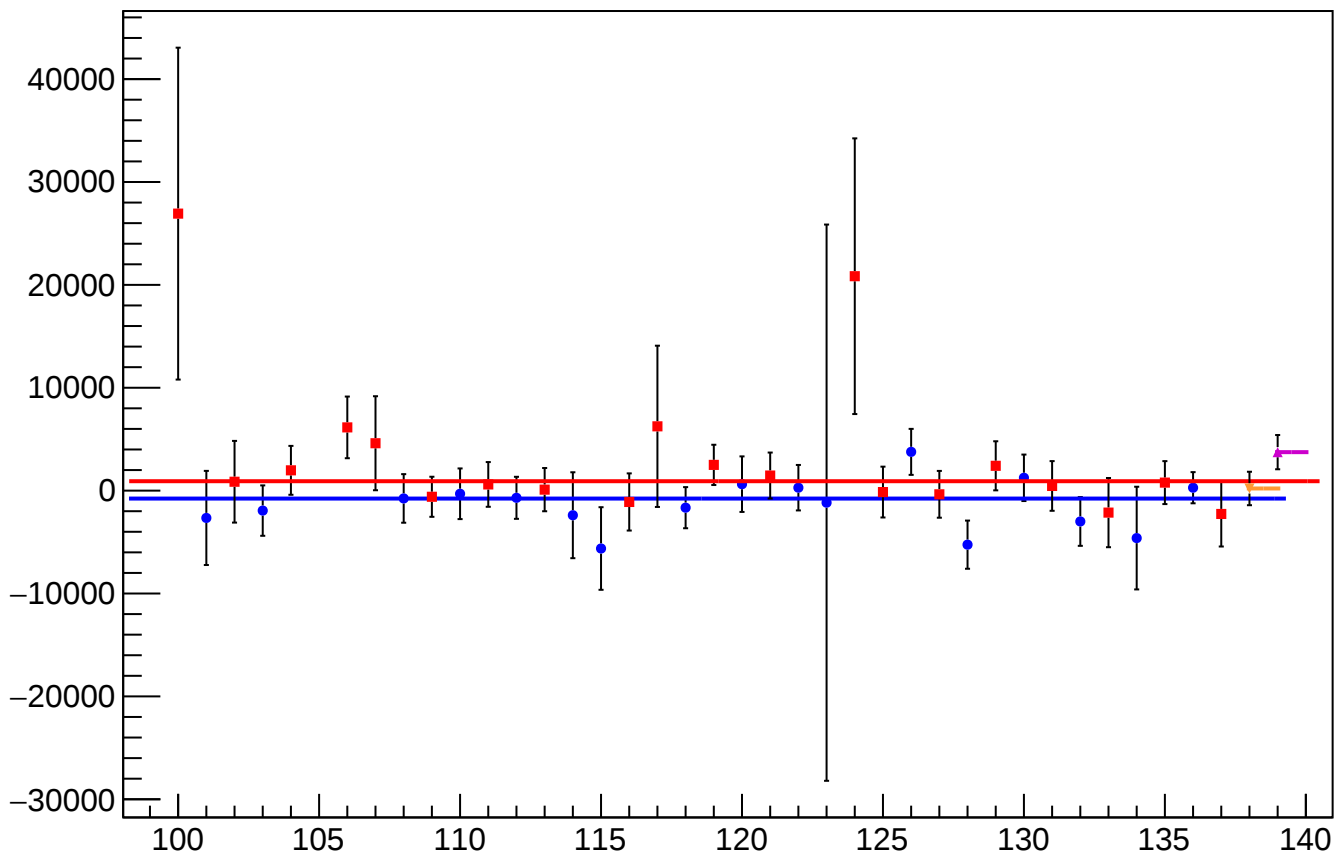
Right Out: 3314.183 $\pm$ 0.967 χ^2 /NDF: 1925484.9/19

Left In: 5907.336 $\pm$ 4.910 χ^2 /NDF: 0.0/0

3567.765 $\pm$ 1.002 χ^2 /NDF: 1950057.2/17

3410.976 $\pm$ 0.949 χ^2 /NDF: 2194042.8/20

reg_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -771.153+/-603.689 χ^2/NDF : 13.3/16

Left Out: 209.113+/-1626.160 χ^2/NDF : 0.0/0

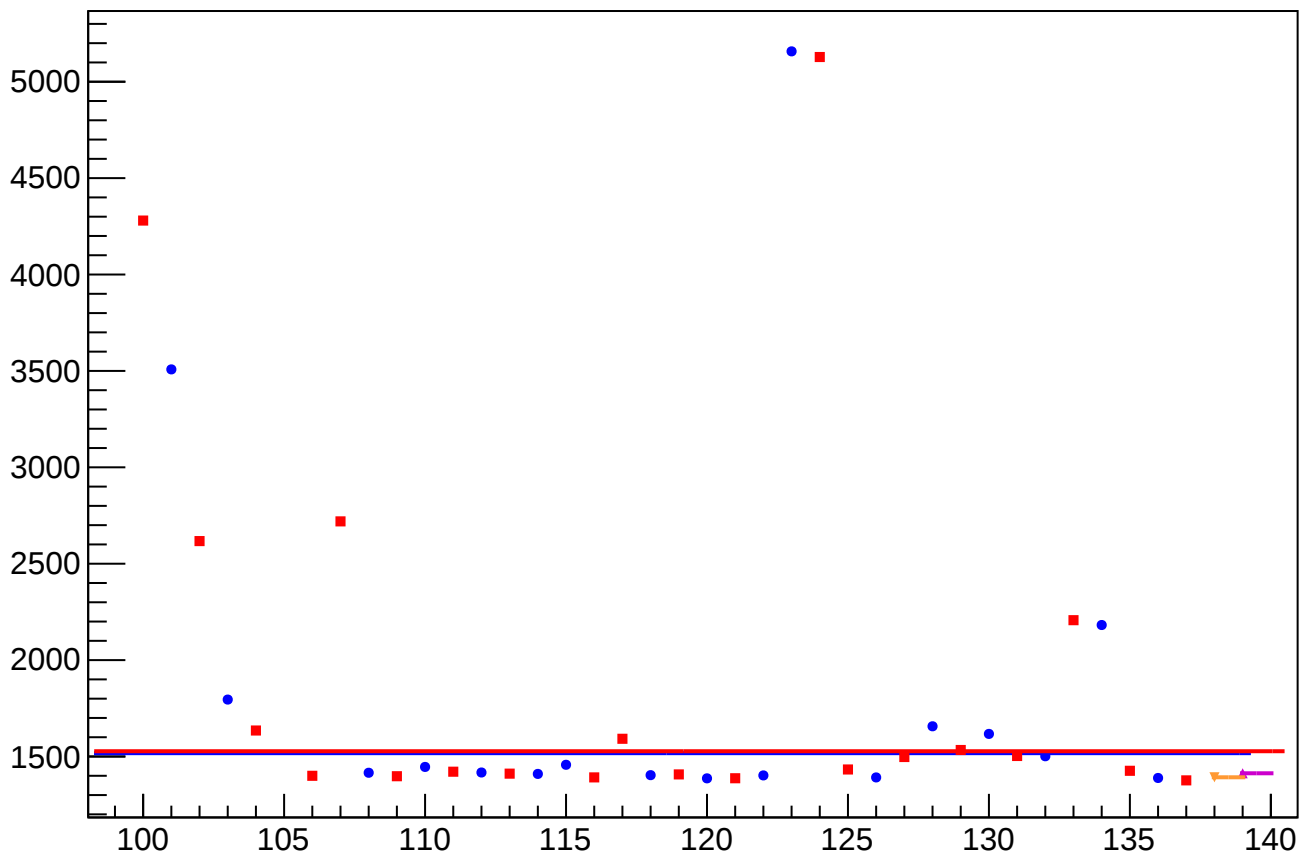
Right Out: 915.893+/-593.346 χ^2/NDF : 14.0/19

Left In: 3740.923+/-1664.560 χ^2/NDF : 0.0/0

-652.419+/-565.949 χ^2/NDF : 13.6/17

1234.380+/-558.900 χ^2/NDF : 16.5/20

reg_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1517.334+/-0.427 χ^2/NDF : 536662.7/16

Left Out: 1392.205+/-1.150 χ^2/NDF : 0.0/0

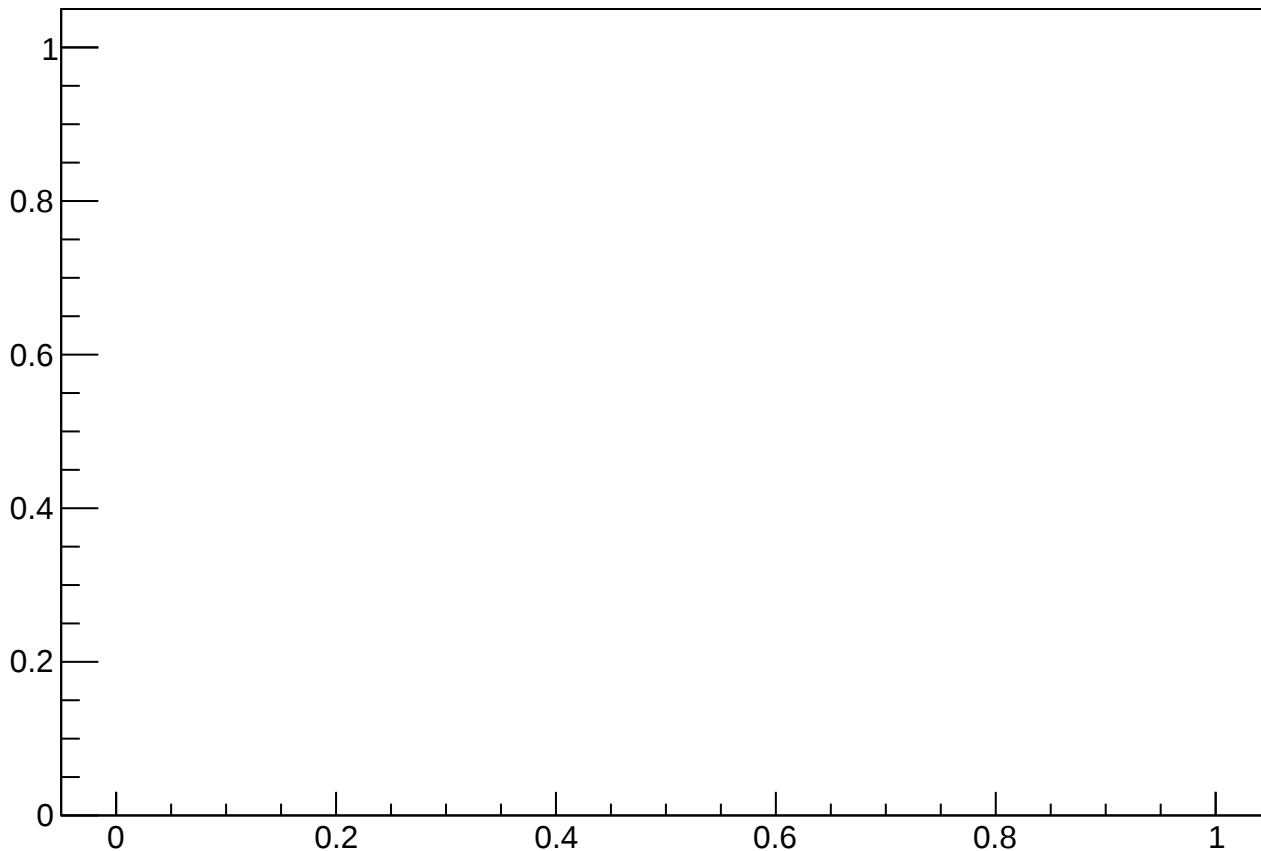
Right Out: 1527.378+/-0.420 χ^2/NDF : 631820.9/19

Left In: 1413.000+/-1.177 χ^2/NDF : 0.0/0

1502.178+/-0.400 χ^2/NDF : 547070.3/17

1514.483+/-0.395 χ^2/NDF : 640199.3/20

asym_atl_avg_atr_avg_dd_correction_mean vs Slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

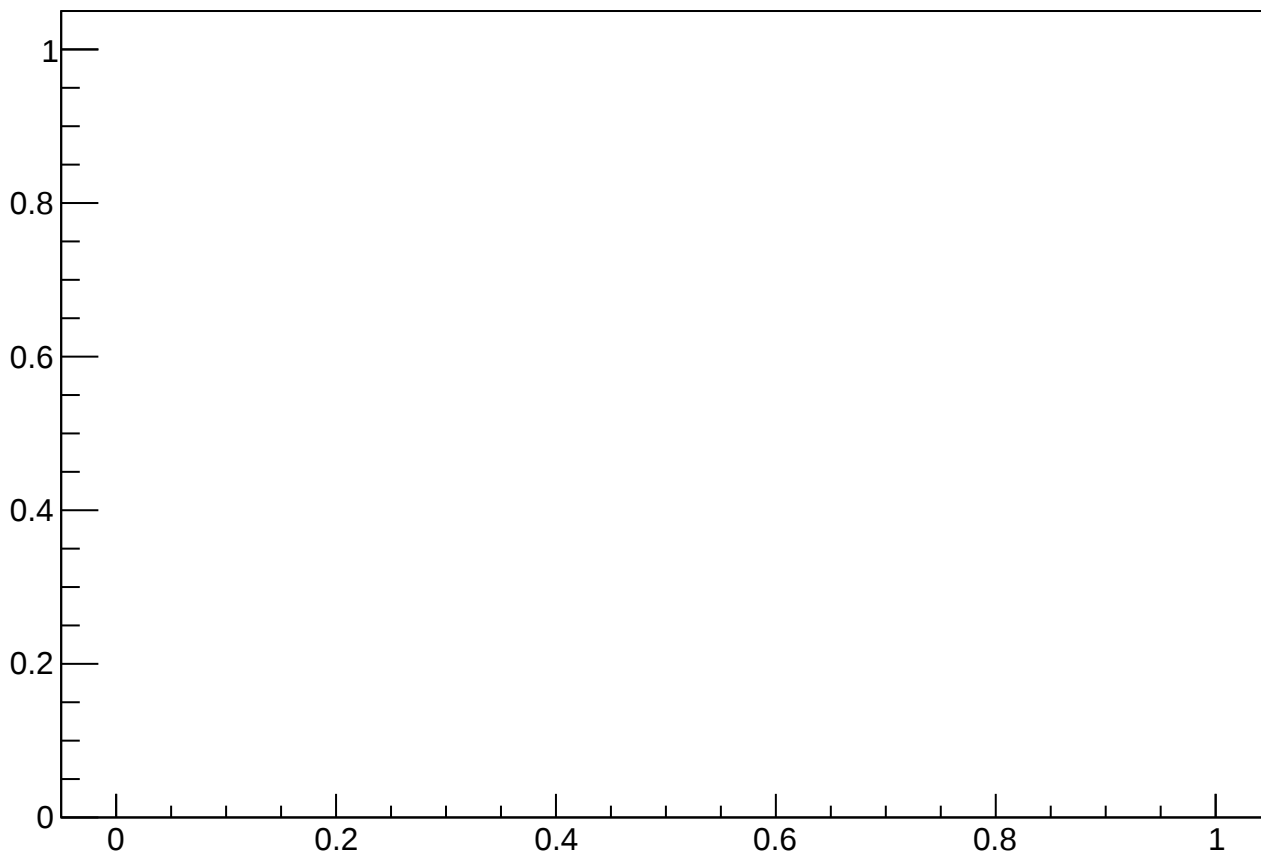
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



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

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

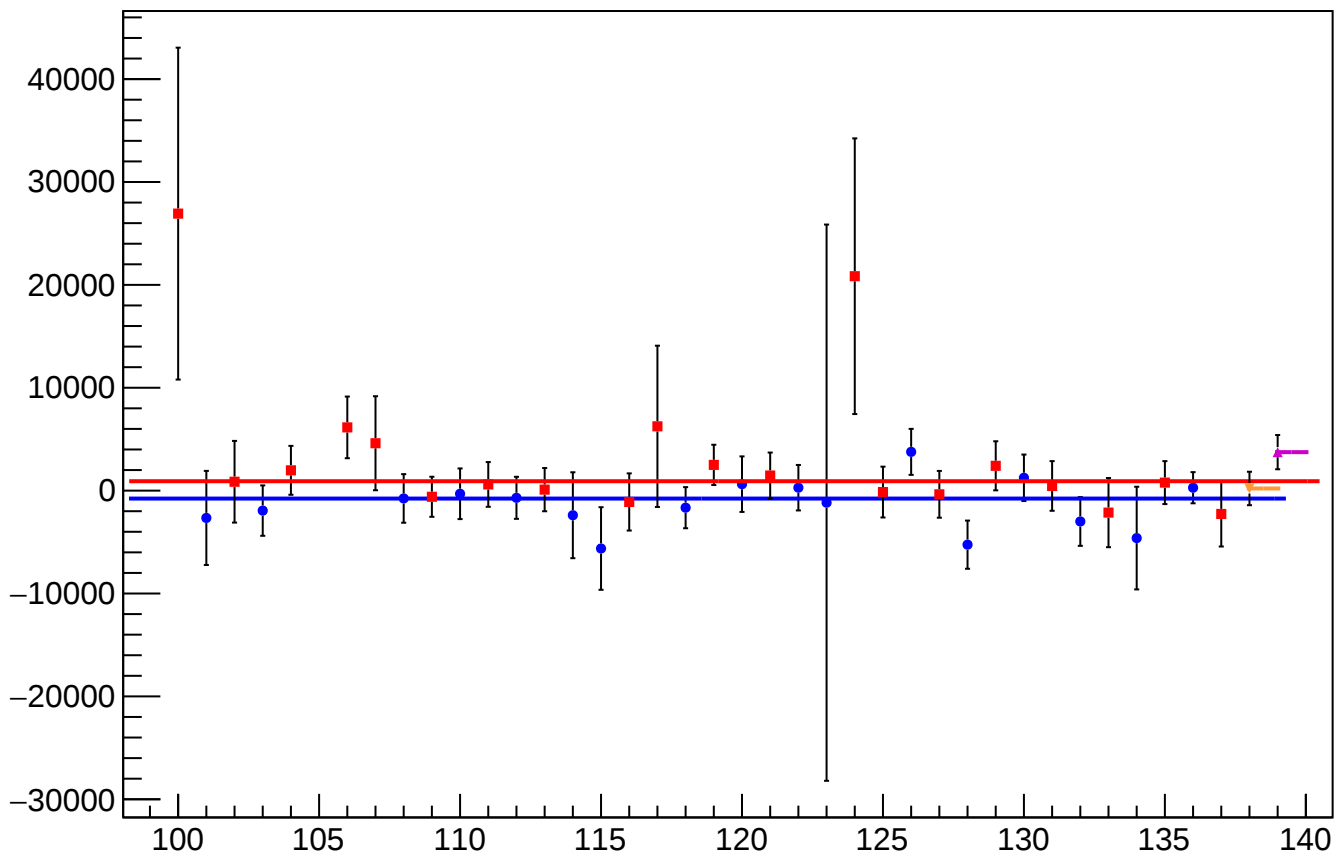
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -771.153+/-603.689 χ^2/NDF : 13.3/16

Left Out: 209.113+/-1626.160 χ^2/NDF : 0.0/0

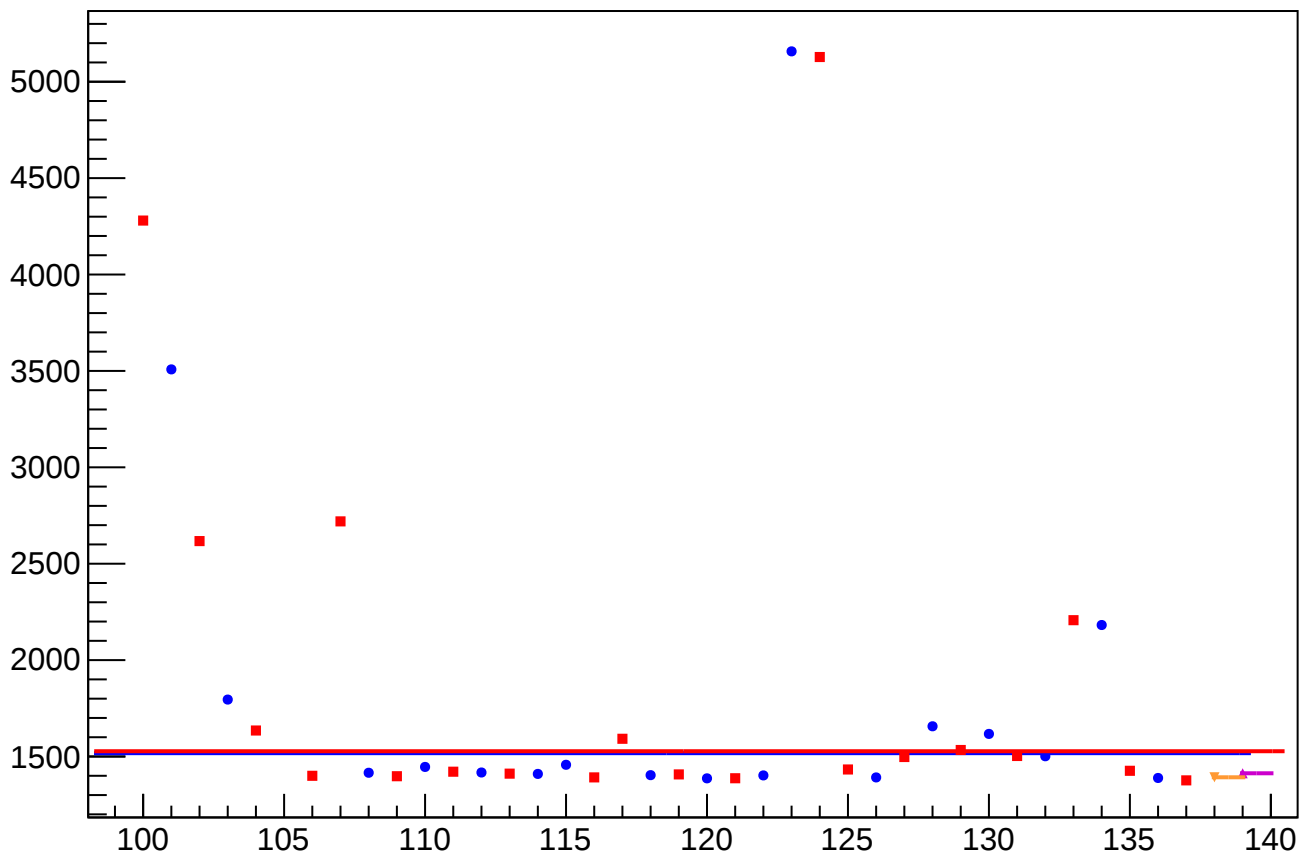
Right Out: 915.893+/-593.346 χ^2/NDF : 14.0/19

Left In: 3740.923+/-1664.560 χ^2/NDF : 0.0/0

-652.419+/-565.949 χ^2/NDF : 13.6/17

1234.380+/-558.900 χ^2/NDF : 16.5/20

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1517.334+/-0.427 χ^2/NDF : 536662.7/16

Left Out: 1392.205+/-1.150 χ^2/NDF : 0.0/0

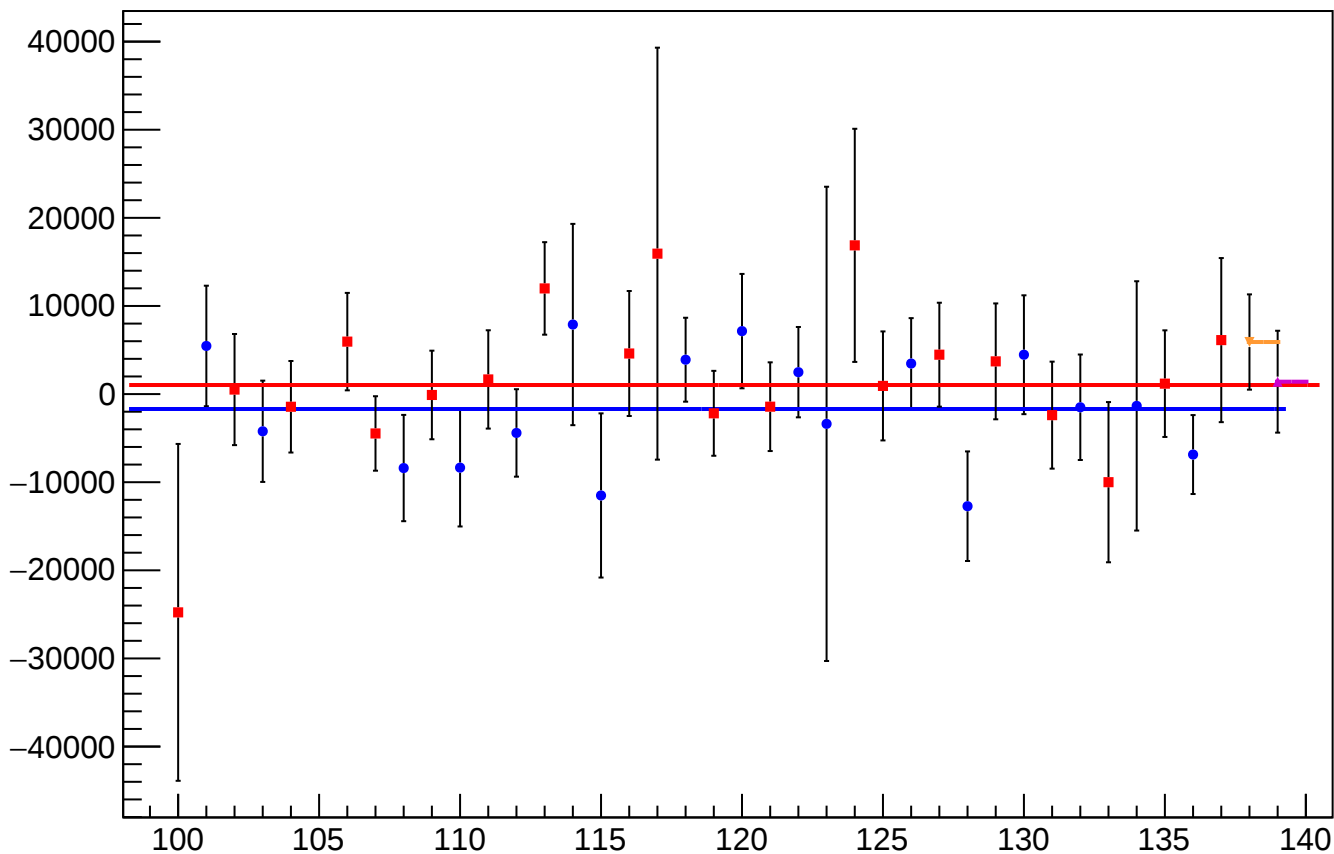
Right Out: 1527.378+/-0.420 χ^2/NDF : 631820.9/19

Left In: 1413.000+/-1.177 χ^2/NDF : 0.0/0

1502.178+/-0.400 χ^2/NDF : 547070.3/17

1514.483+/-0.395 χ^2/NDF : 640199.3/20

reg_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1692.604+/-1512.935 χ^2/NDF : 15.8/16

Left Out: 5908.892+/-5405.439 χ^2/NDF : 0.0/0

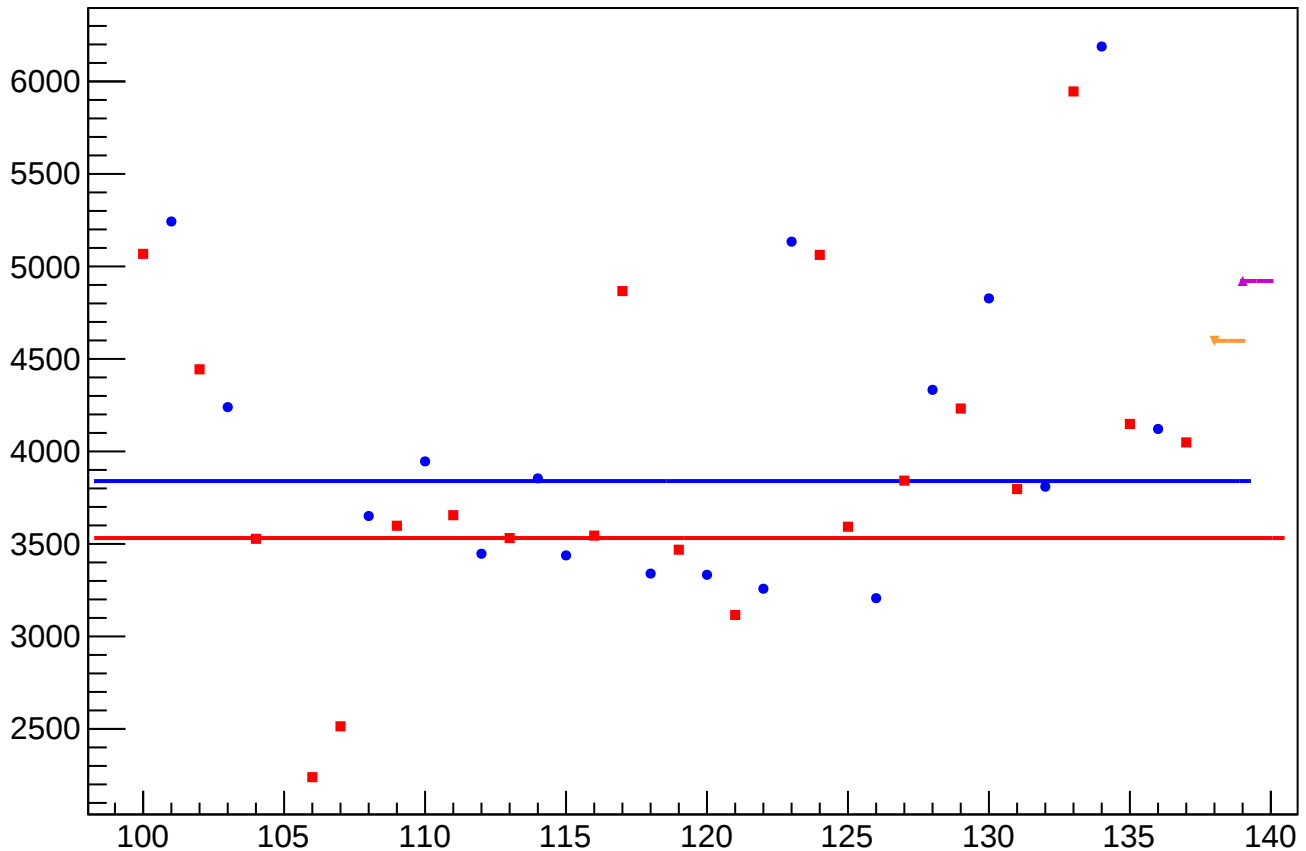
Right Out: 1029.768+/-1376.481 χ^2/NDF : 14.3/19

Left In: 1406.211+/-5780.732 χ^2/NDF : 0.0/0

-1140.370+/-1456.943 χ^2/NDF : 17.7/17

1049.967+/-1339.044 χ^2/NDF : 14.3/20

reg_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3839.751+/-1.070 χ^2/NDF : 325959.2/16

Left Out: 4597.952+/-3.822 χ^2/NDF : 0.0/0

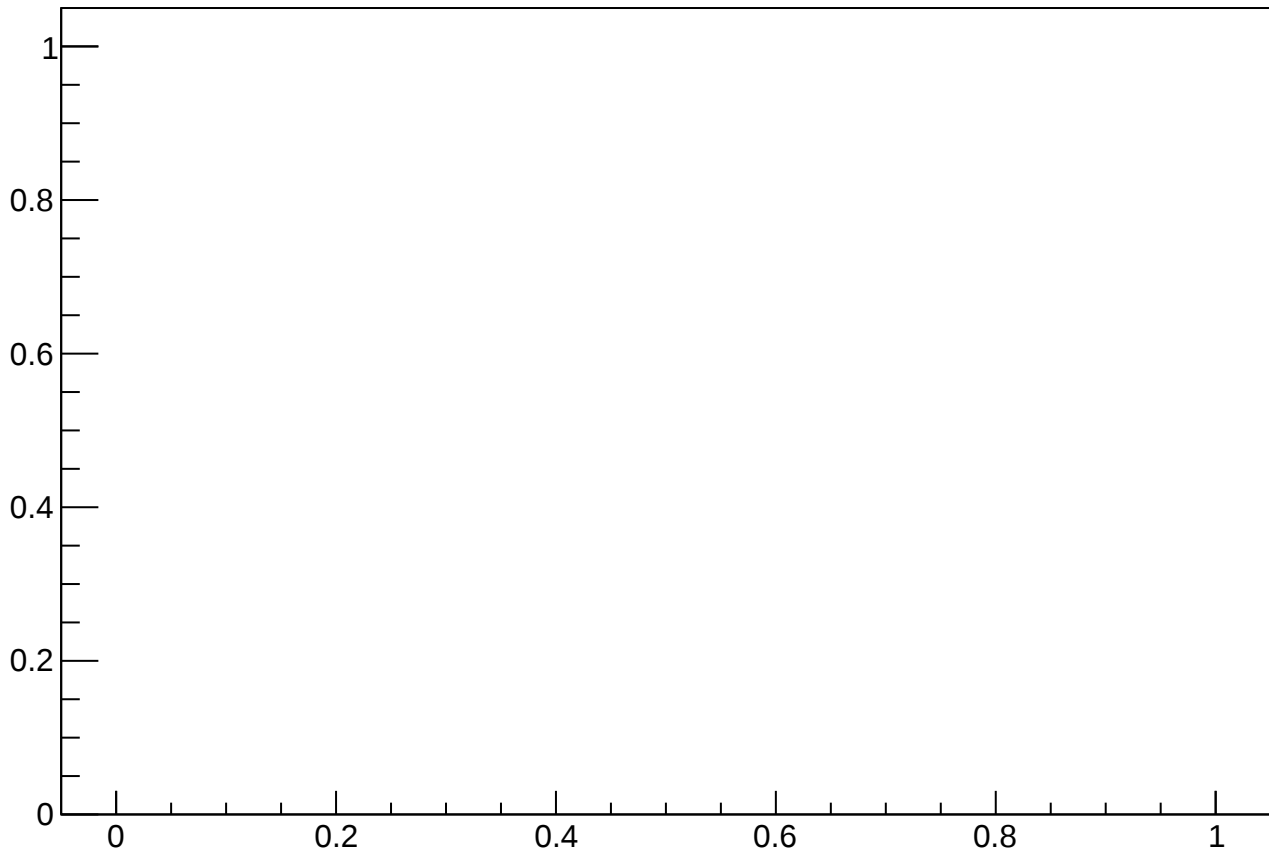
3894.830+/-1.030 χ^2/NDF : 362449.9/17

Right Out: 3531.881+/-0.965 χ^2/NDF : 561331.4/19

3605.163+/-0.939 χ^2/NDF : 670789.1/20

Left In: 4921.374+/-4.088 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

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

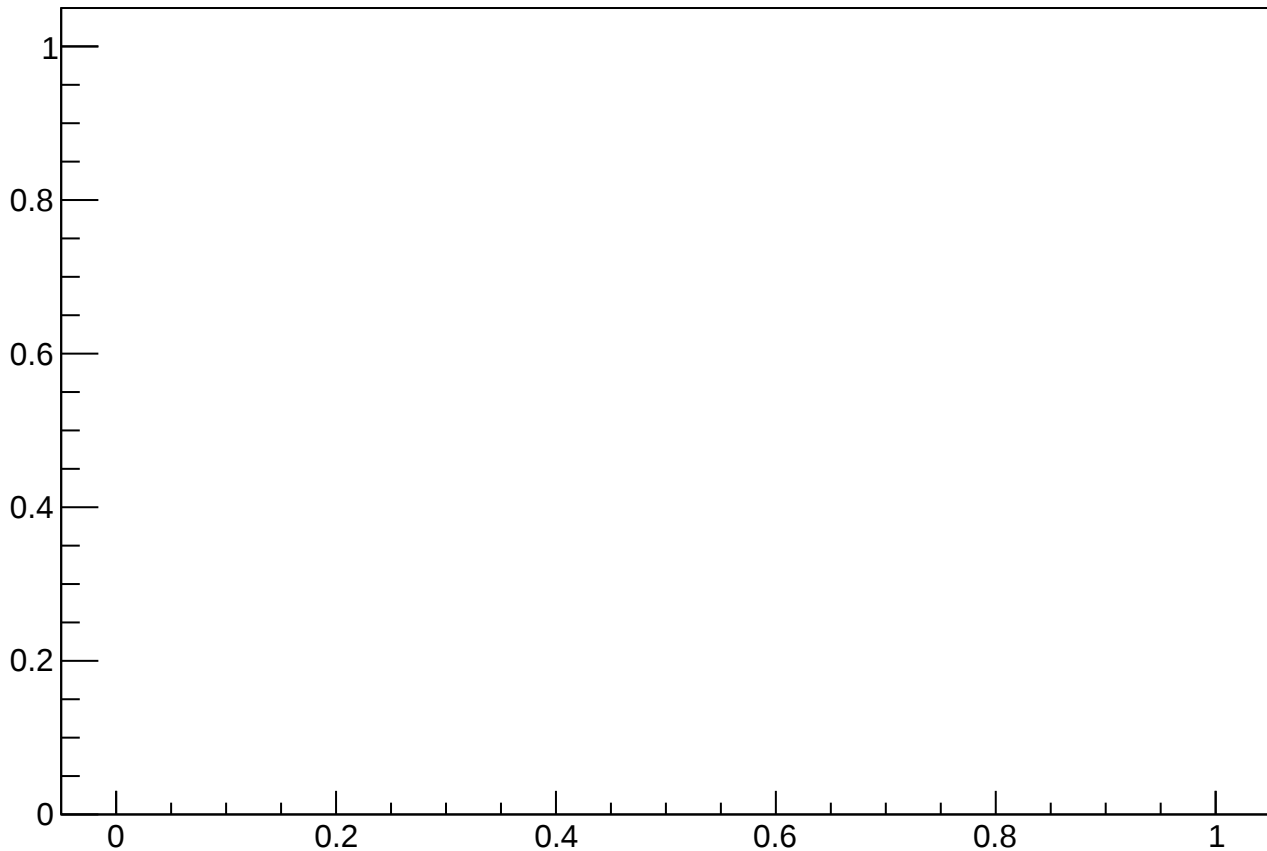
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_atl_dd_atr_dd_avg_correction_rms vs Slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

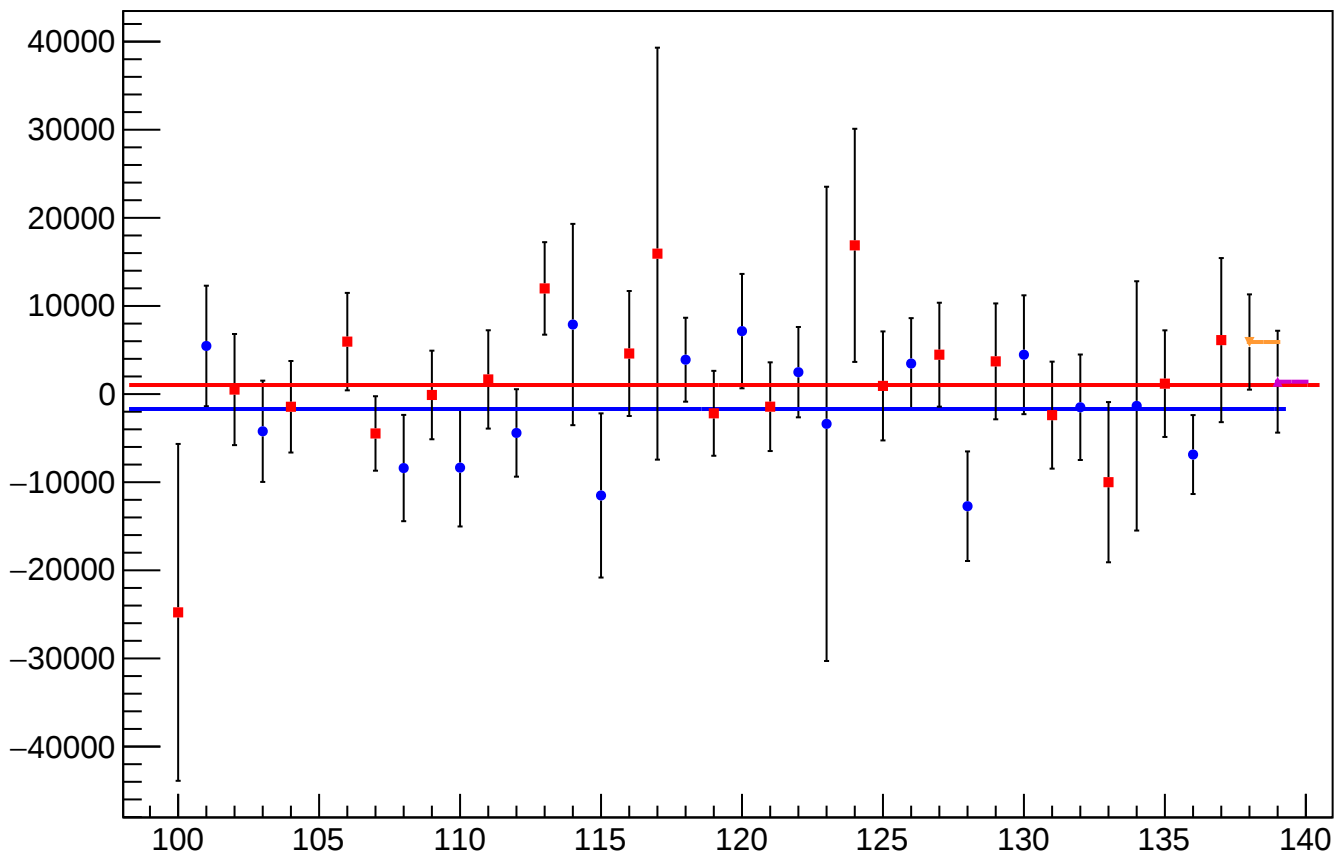
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1692.604 $\pm$ 1512.935 χ^2 /NDF: 15.8/16

Left Out: 5908.892 $\pm$ 5405.439 χ^2 /NDF: 0.0/0

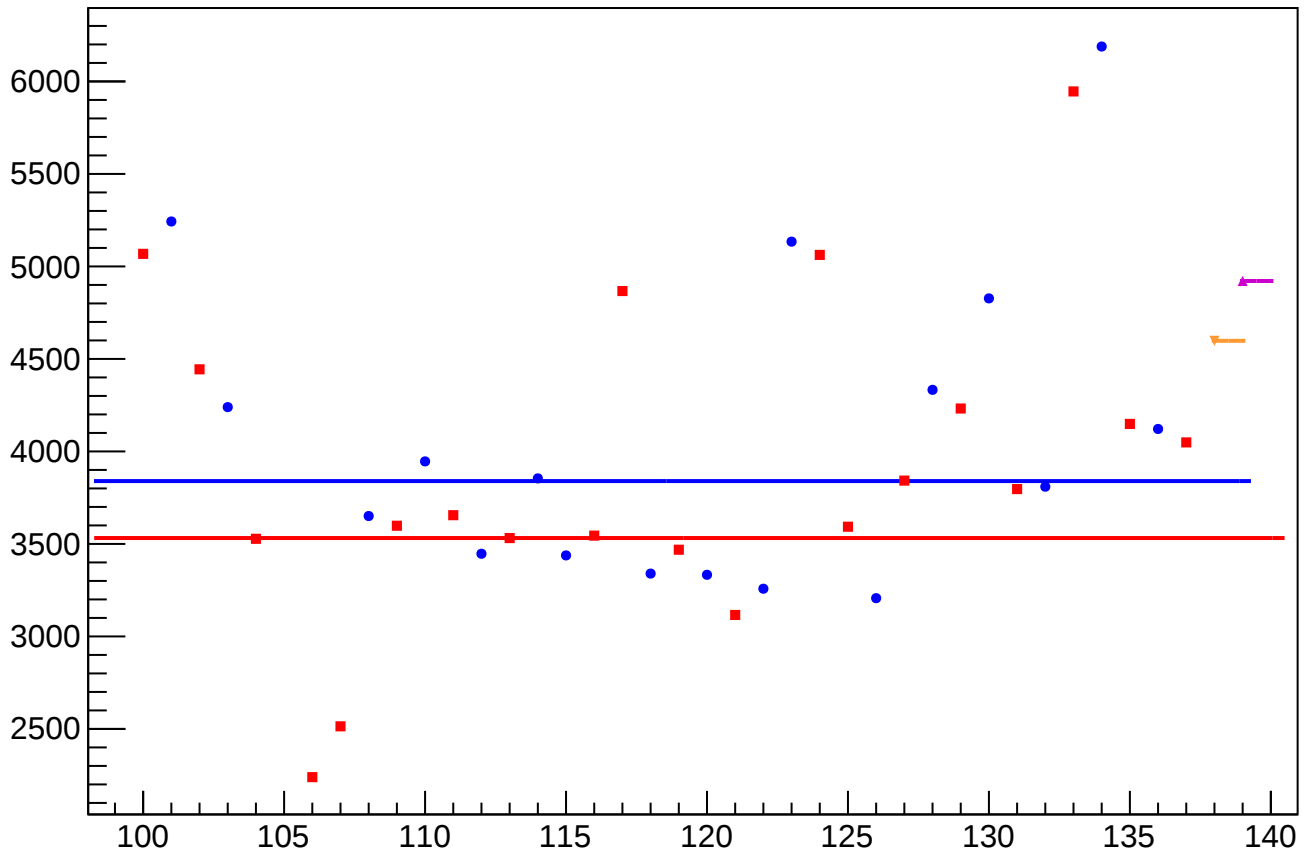
Right Out: 1029.768 $\pm$ 1376.481 χ^2 /NDF: 14.3/19

Left In: 1406.211 $\pm$ 5780.732 χ^2 /NDF: 0.0/0

-1140.370 $\pm$ 1456.943 χ^2 /NDF: 17.7/17

1049.967 $\pm$ 1339.044 χ^2 /NDF: 14.3/20

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3839.751+/-1.070 χ^2/NDF : 325959.2/16

Left Out: 4597.952+/-3.822 χ^2/NDF : 0.0/0

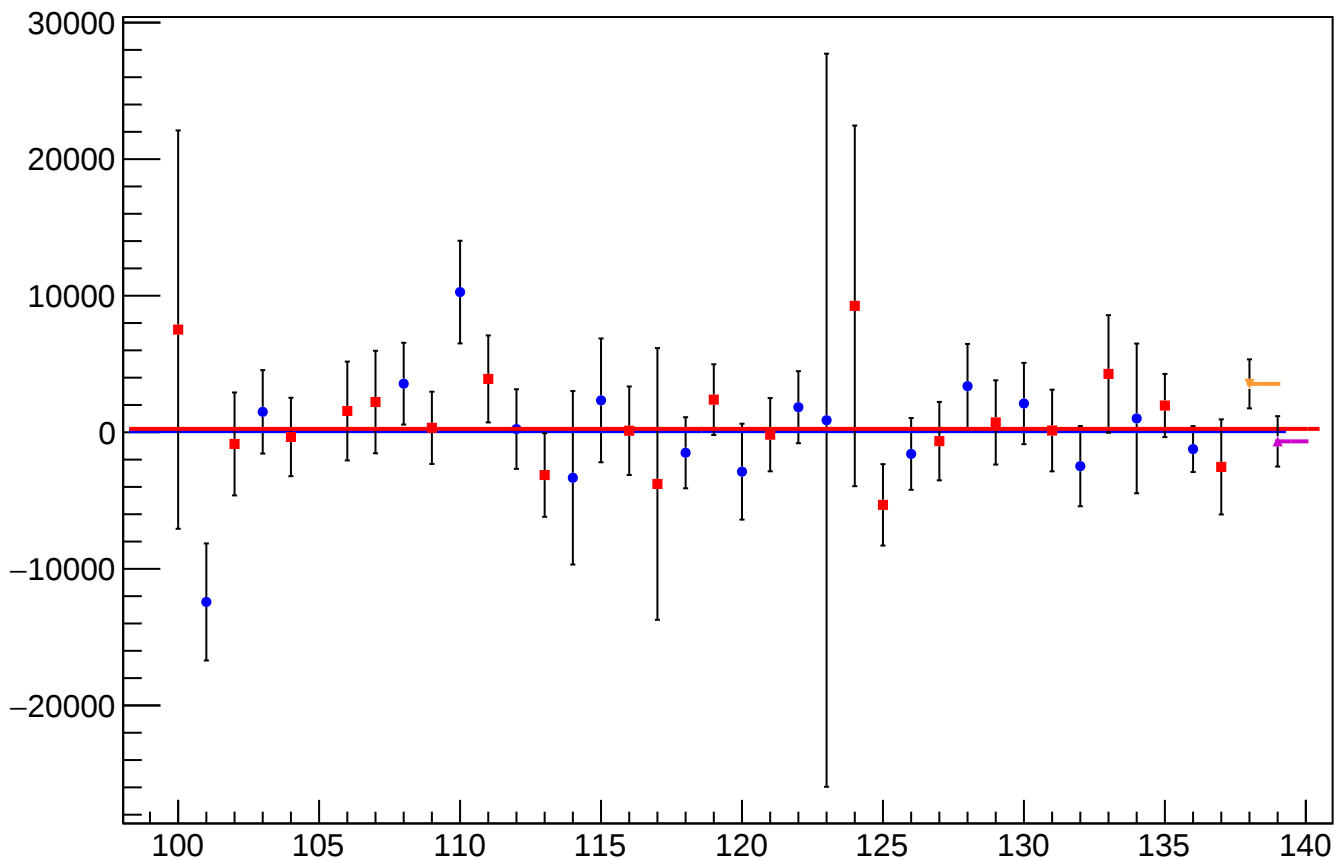
Right Out: 3531.881+/-0.965 χ^2/NDF : 561331.4/19

Left In: 4921.374+/-4.088 χ^2/NDF : 0.0/0

3894.830+/-1.030 χ^2/NDF : 362449.9/17

3605.163+/-0.939 χ^2/NDF : 670789.1/20

reg_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 83.860+/-750.549 χ^2/NDF : 22.9/16

Left Out: 3546.604+/-1794.807 χ^2/NDF : 0.0/0

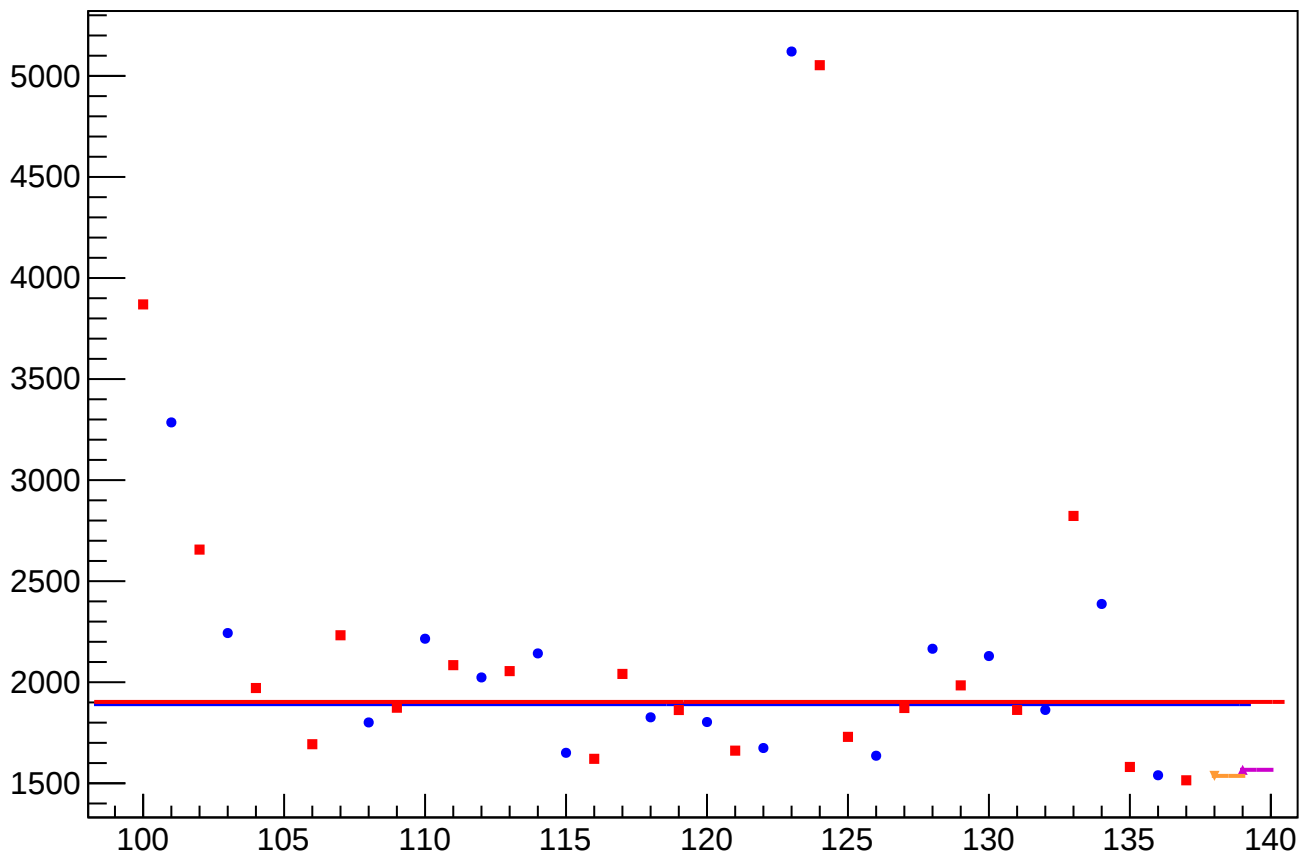
Right Out: 250.743+/-732.124 χ^2/NDF : 10.3/19

Left In: -664.634+/-1844.293 χ^2/NDF : 0.0/0

599.269+/-692.442 χ^2/NDF : 26.1/17

126.132+/-680.469 χ^2/NDF : 10.5/20

reg_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1891.492+/-0.531 χ^2/NDF : 464497.5/16

Left Out: 1536.560+/-1.269 χ^2/NDF : 0.0/0

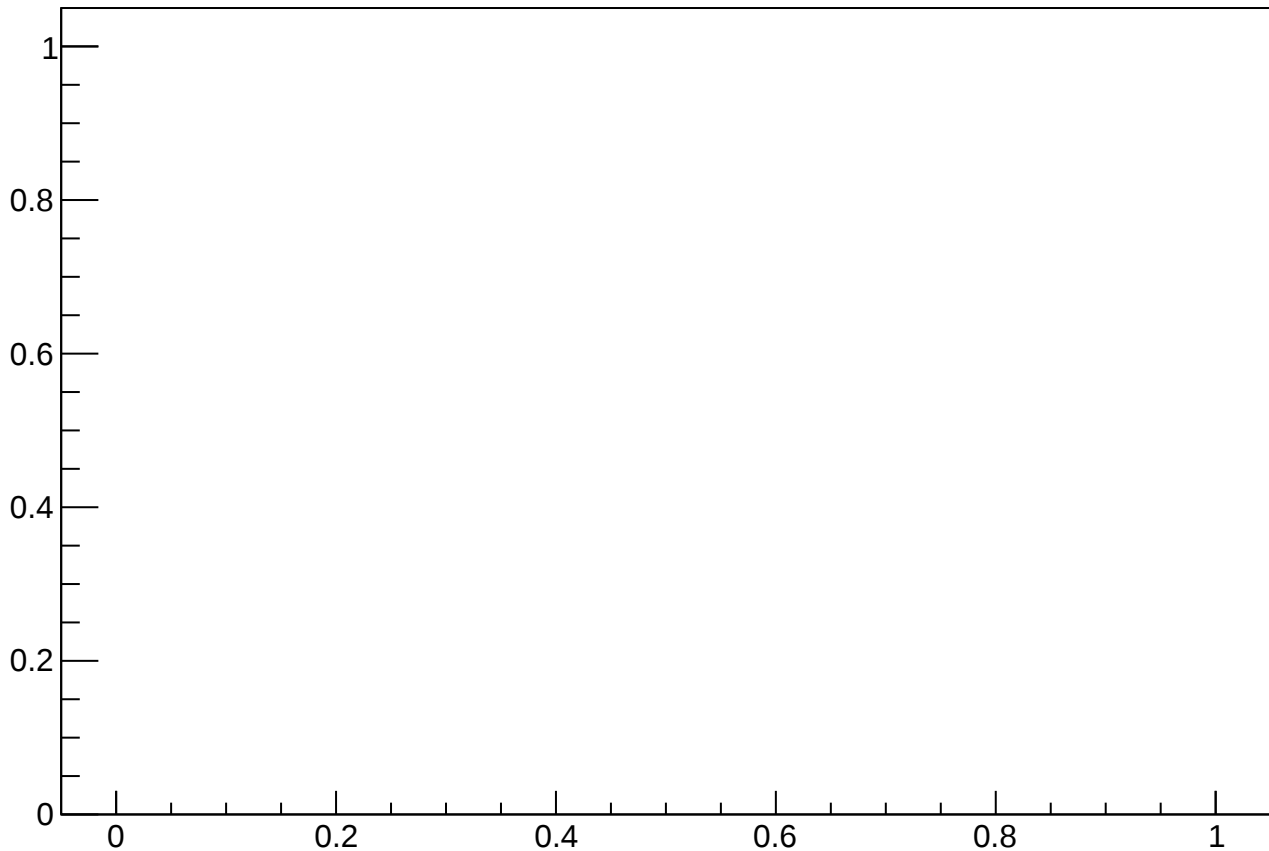
Right Out: 1902.551+/-0.518 χ^2/NDF : 461077.0/19

Left In: 1566.640+/-1.304 χ^2/NDF : 0.0/0

1838.663+/-0.490 χ^2/NDF : 531069.9/17

1856.824+/-0.481 χ^2/NDF : 518392.3/20

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



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

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

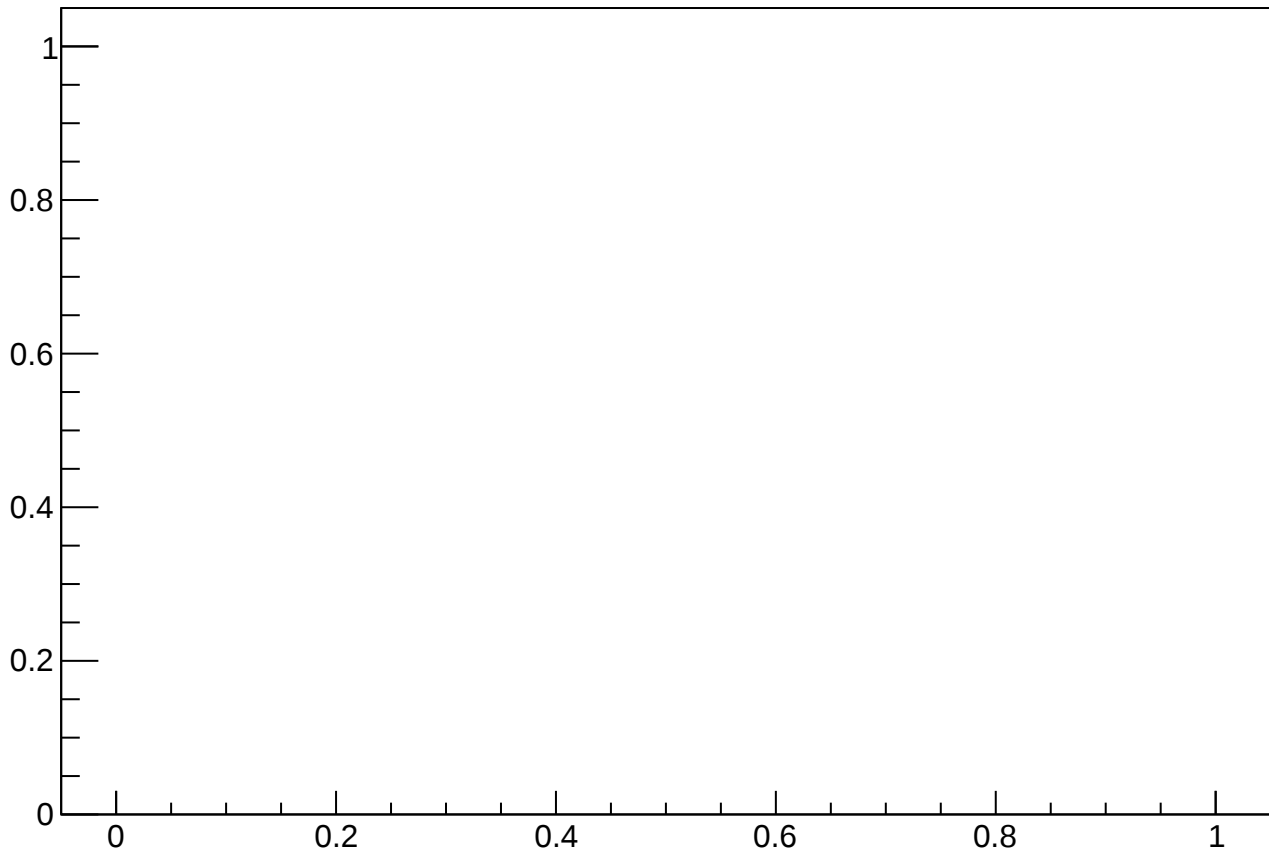
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



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

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

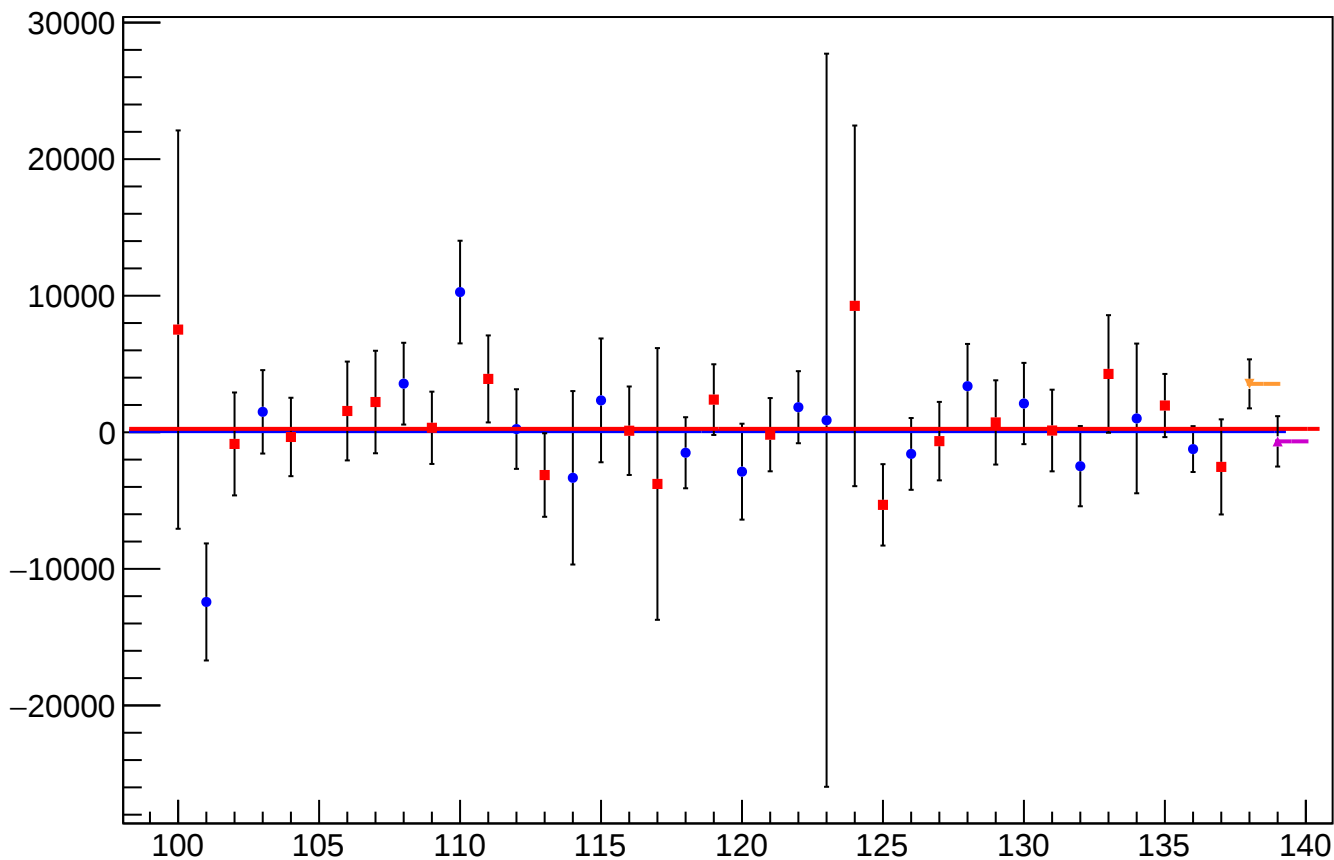
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 83.860+/-750.549 χ^2/NDF : 22.9/16

Left Out: 3546.604+/-1794.807 χ^2/NDF : 0.0/0

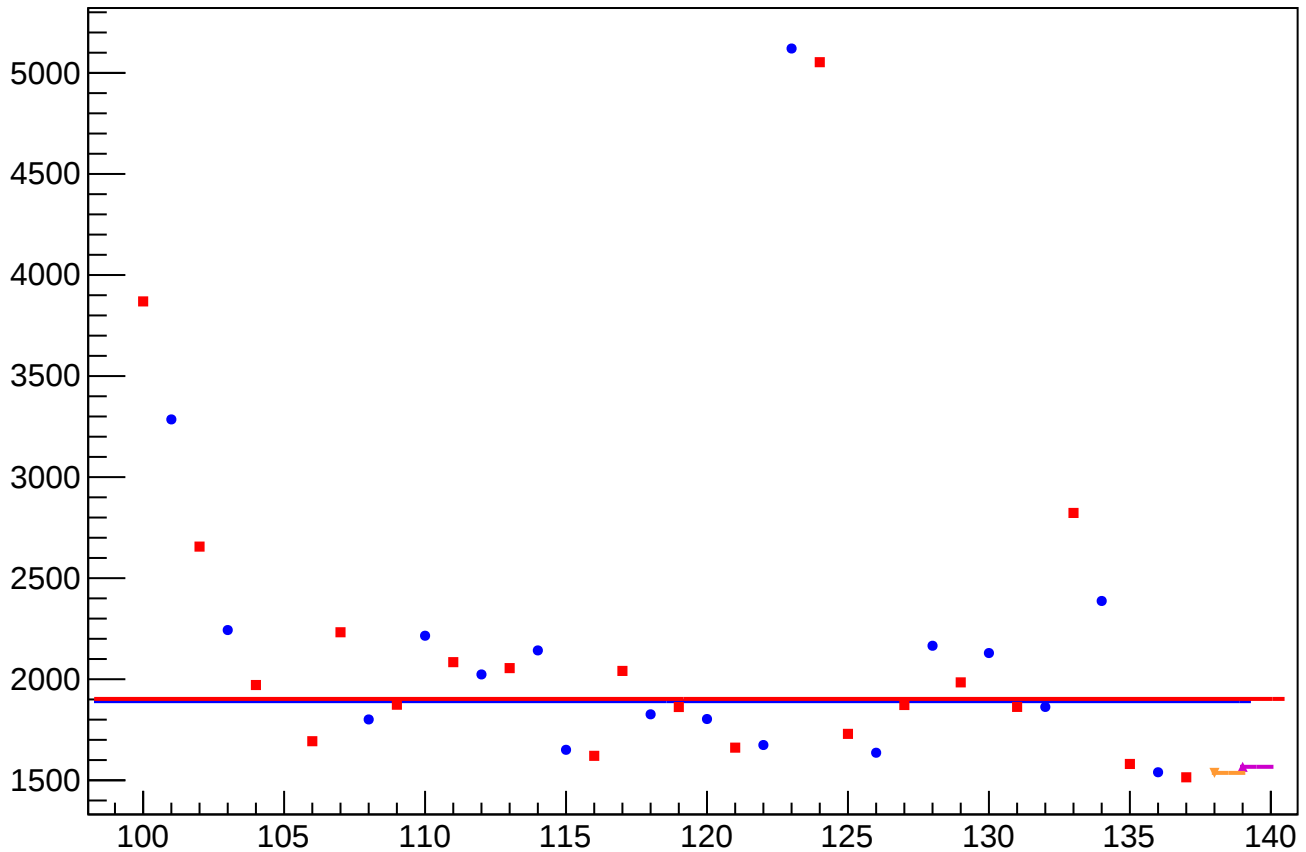
Right Out: 250.743+/-732.124 χ^2/NDF : 10.3/19

Left In: -664.634+/-1844.293 χ^2/NDF : 0.0/0

599.269+/-692.442 χ^2/NDF : 26.1/17

126.132+/-680.469 χ^2/NDF : 10.5/20

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1891.492+/-0.531 χ^2/NDF : 464497.5/16

Left Out: 1536.560+/-1.269 χ^2/NDF : 0.0/0

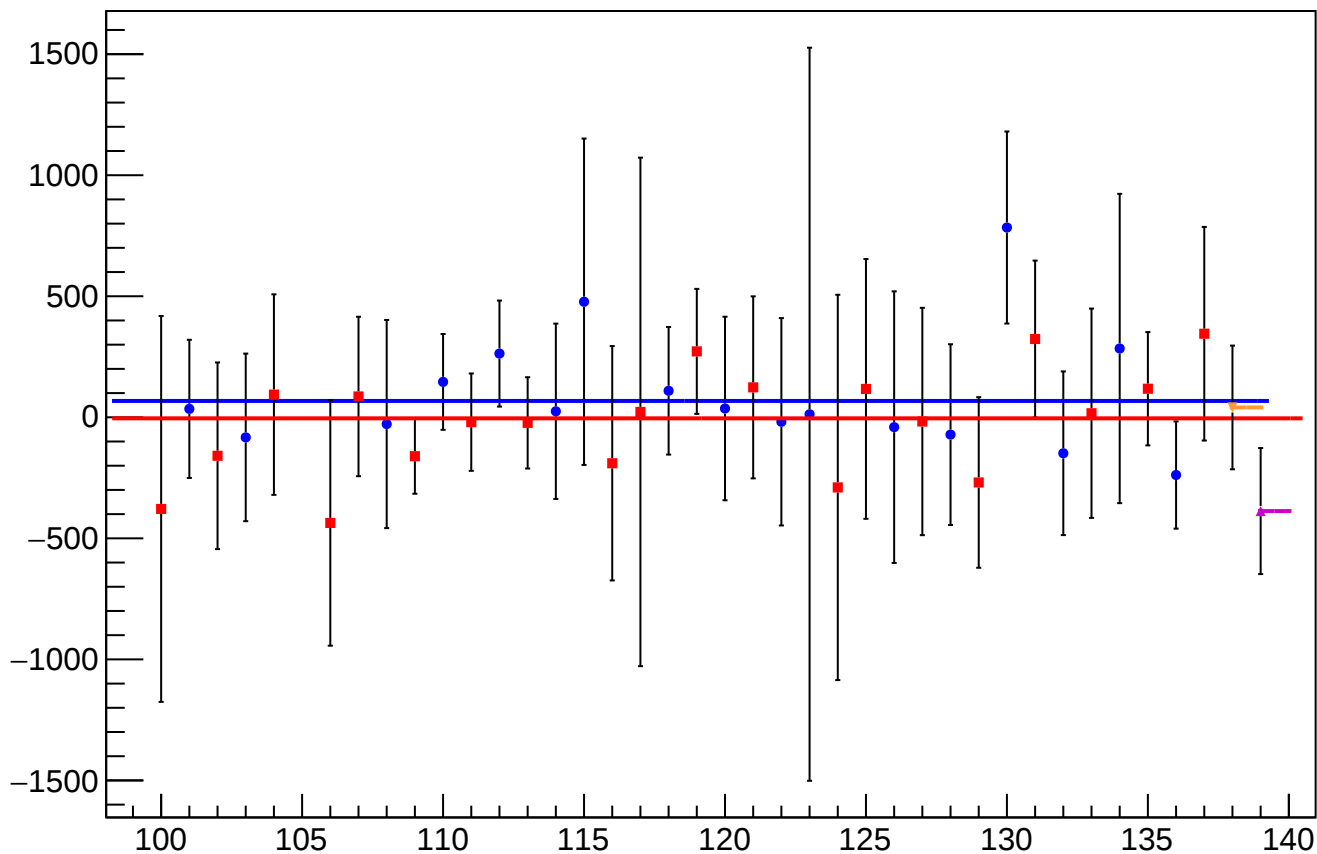
Right Out: 1902.551+/-0.518 χ^2/NDF : 461077.0/19

Left In: 1566.640+/-1.304 χ^2/NDF : 0.0/0

1838.663+/-0.490 χ^2/NDF : 531069.9/17

1856.824+/-0.481 χ^2/NDF : 518392.3/20

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: 67.542 $\pm$ 79.608 χ^2 /NDF: 7.5/16

Left Out: 40.703 $\pm$ 255.487 χ^2 /NDF: 0.0/0

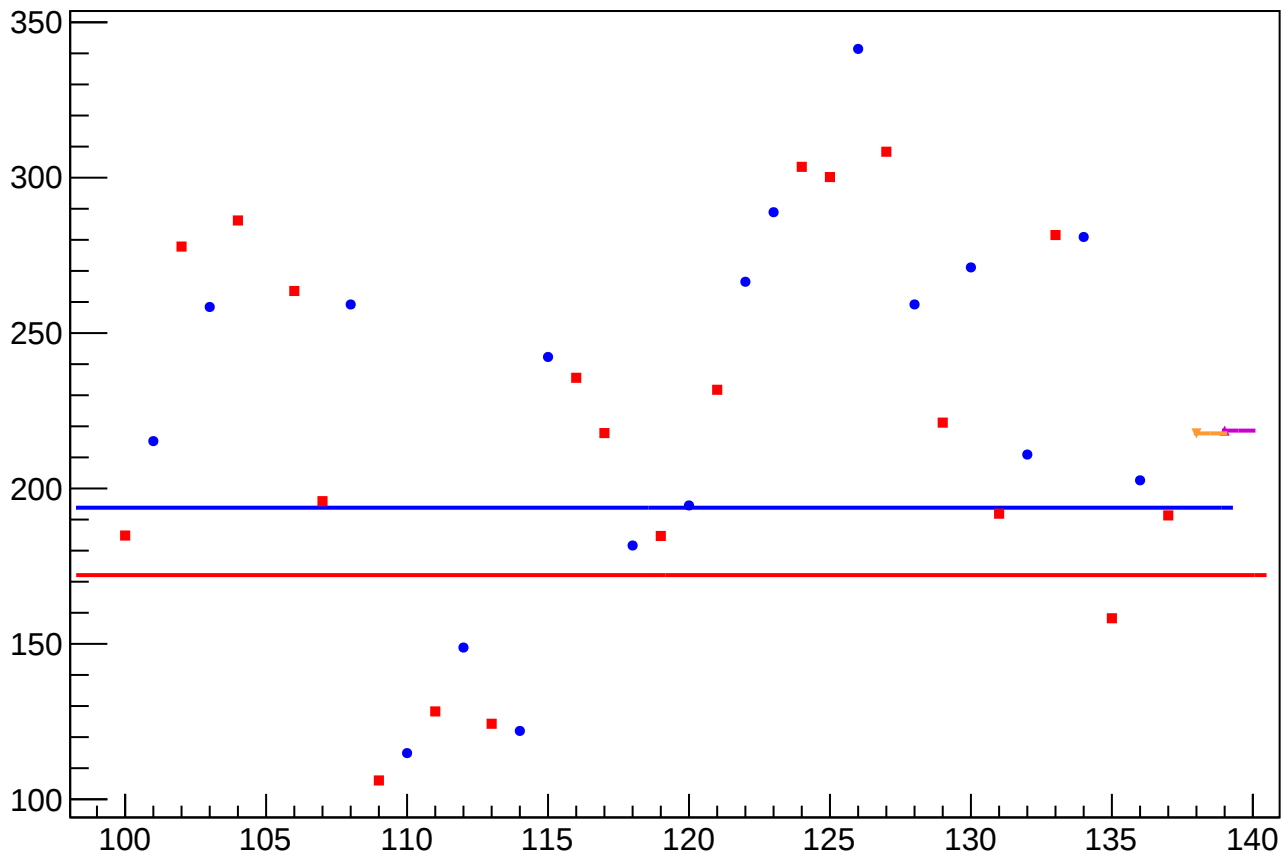
Right Out: -4.305 $\pm$ 69.854 χ^2 /NDF: 6.4/19

Left In: -387.390 $\pm$ 260.301 χ^2 /NDF: 0.0/0

65.167 $\pm$ 76.004 χ^2 /NDF: 7.5/17

-30.040 $\pm$ 67.467 χ^2 /NDF: 8.4/20

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 193.815+/-0.056 χ^2/NDF : 1010325.5/16

Left Out: 217.729+/-0.181 χ^2/NDF : 0.0/0

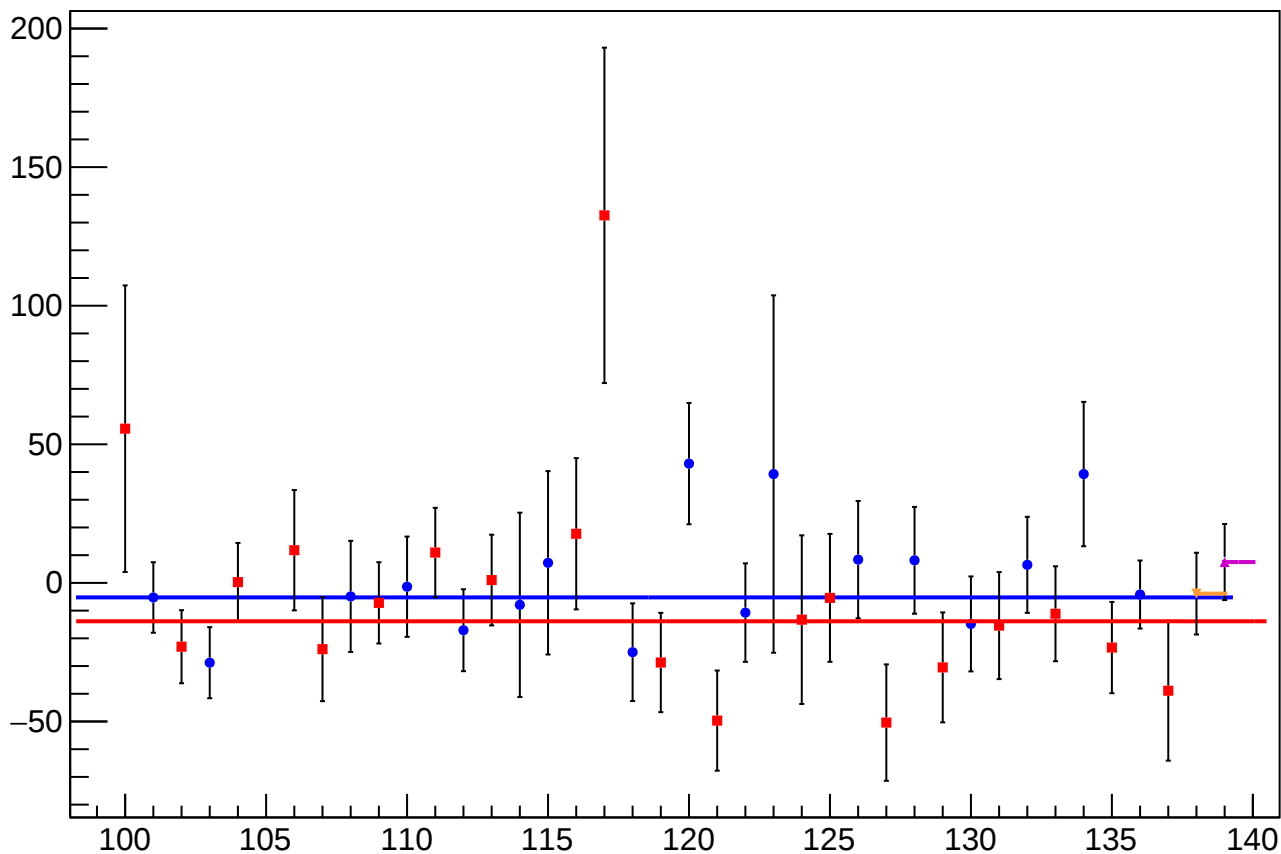
Right Out: 172.123+/-0.049 χ^2/NDF : 1580879.9/19

Left In: 218.620+/-0.184 χ^2/NDF : 0.0/0

195.932+/-0.054 χ^2/NDF : 1026297.5/17

175.247+/-0.048 χ^2/NDF : 1640409.1/20

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: -5.231 ± 4.356 χ^2/NDF : 15.5/16

Left Out: -3.868 ± 14.749 χ^2/NDF : 0.0/0

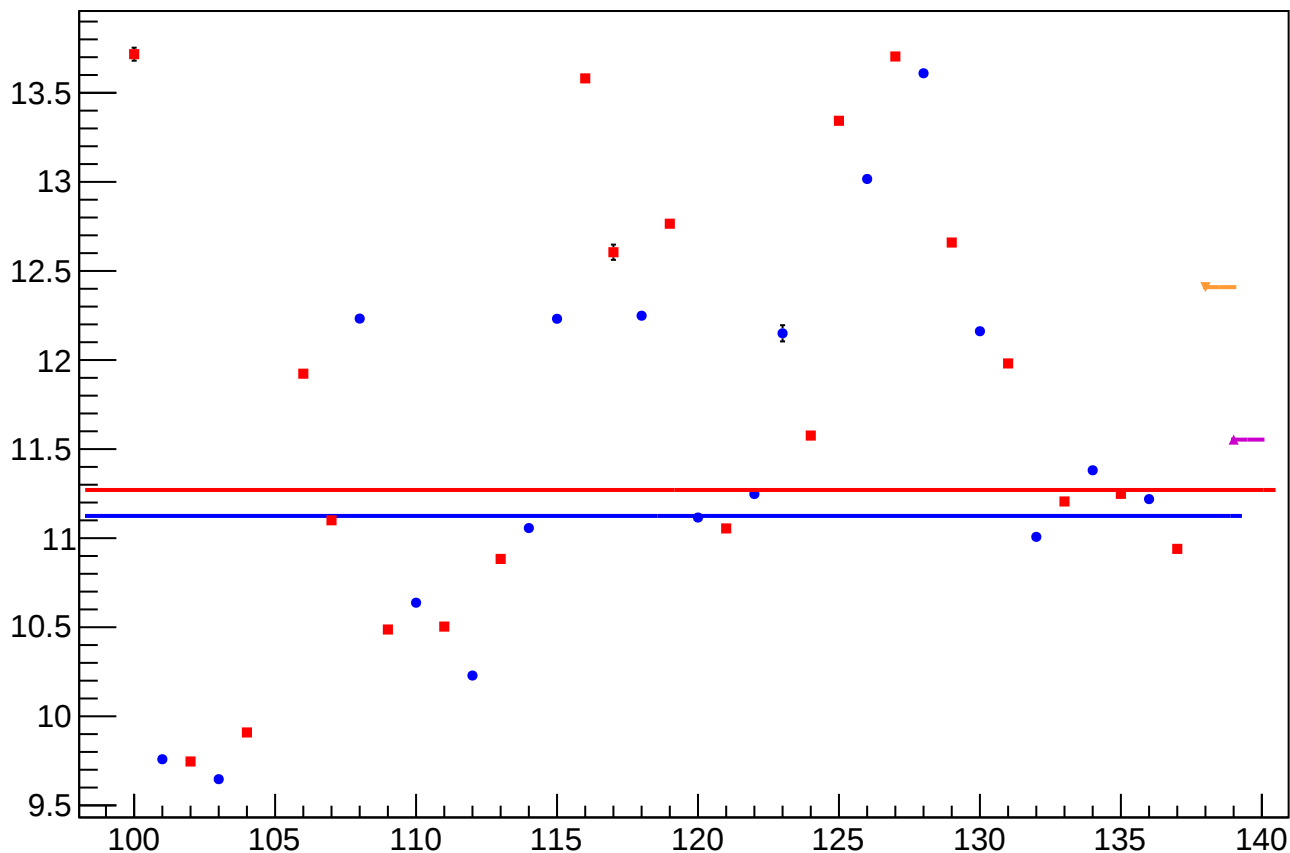
Right Out: -13.851 ± 4.255 χ^2/NDF : 25.4/19

Left In: 7.523 ± 13.730 χ^2/NDF : 0.0/0

-5.121 ± 4.177 χ^2/NDF : 15.5/17

-11.979 ± 4.064 χ^2/NDF : 27.6/20

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 11.125 $\pm$ 0.003 χ^2 /NDF: 132520.1/16

Left Out: 12.409 $\pm$ 0.010 χ^2 /NDF: 0.0/0

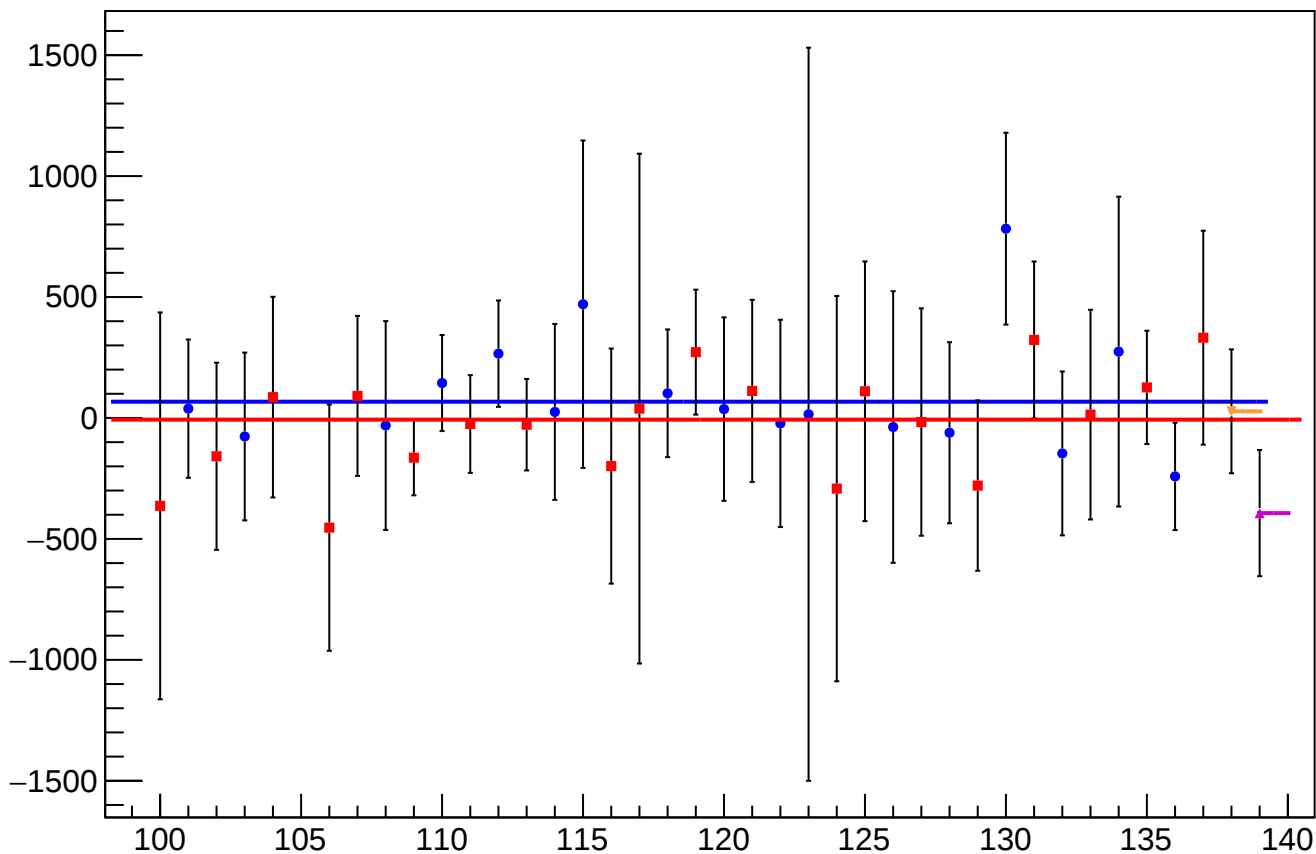
Right Out: 11.271 $\pm$ 0.003 χ^2 /NDF: 148711.4/19

Left In: 11.553 $\pm$ 0.010 χ^2 /NDF: 0.0/0

11.228 $\pm$ 0.003 χ^2 /NDF: 146469.2/17

11.295 $\pm$ 0.003 χ^2 /NDF: 149484.9/20

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug



Right In: 67.305+/-79.817 χ^2/NDF : 7.5/16

Left Out: 27.590+/-256.065 χ^2/NDF : 0.0/0

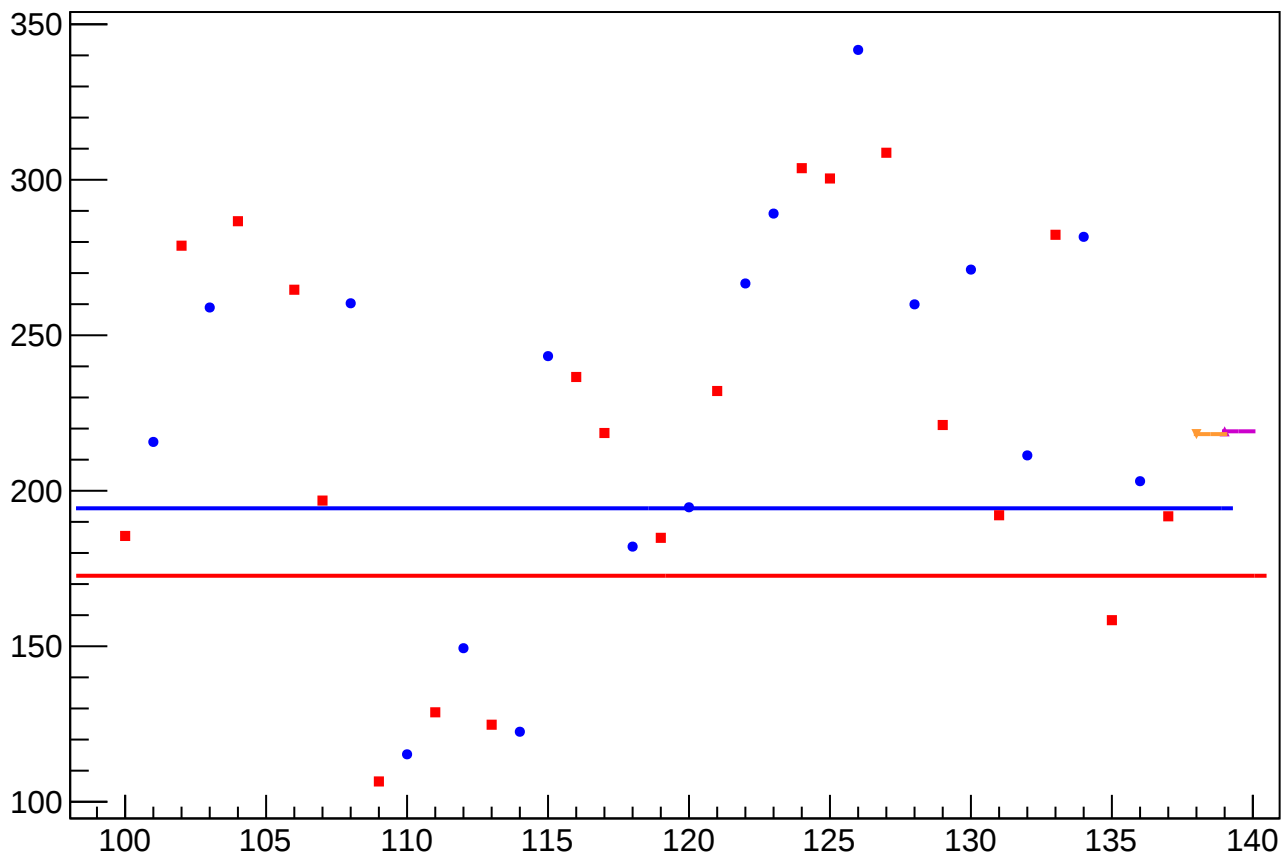
Right Out: -6.837+/-70.057 χ^2/NDF : 6.4/19

Left In: -393.261+/-260.895 χ^2/NDF : 0.0/0

63.788+/-76.201 χ^2/NDF : 7.5/17

-32.826+/-67.660 χ^2/NDF : 8.5/20

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug



Right In: 194.365+/-0.056 χ^2/NDF : 1005234.4/16

Left Out: 218.220+/-0.181 χ^2/NDF : 0.0/0

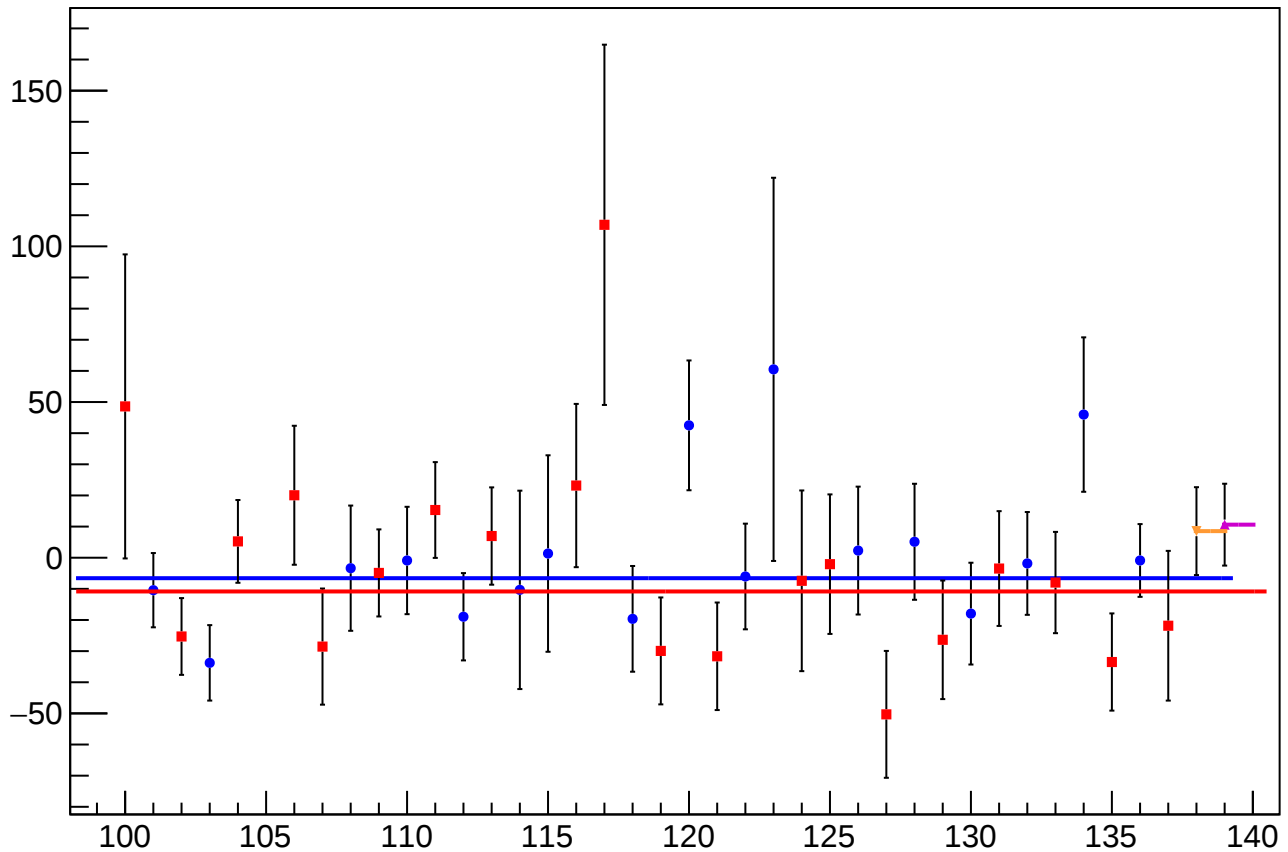
Right Out: 172.675+/-0.050 χ^2/NDF : 1573459.1/19

Left In: 219.118+/-0.184 χ^2/NDF : 0.0/0

196.478+/-0.054 χ^2/NDF : 1021054.6/17

175.799+/-0.048 χ^2/NDF : 1632574.7/20

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug



Right In: -6.575 ± 4.157 $\chi^2/\text{NDF}: 19.3/16$

Left Out: 8.540 ± 14.113 $\chi^2/\text{NDF}: 0.0/0$

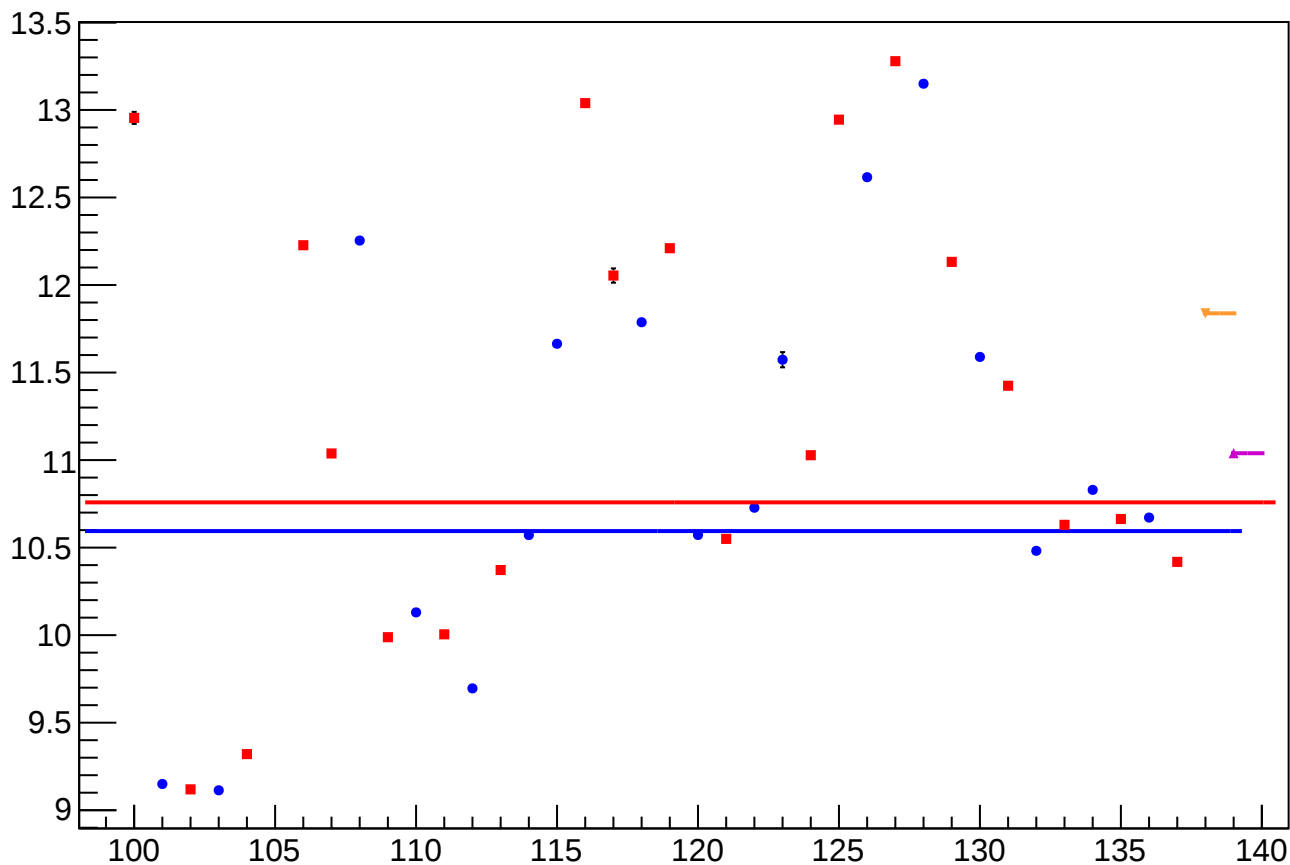
Right Out: -10.838 ± 4.070 $\chi^2/\text{NDF}: 27.1/19$

Left In: 10.617 ± 13.145 $\chi^2/\text{NDF}: 0.0/0$

-5.369 ± 3.988 $\chi^2/\text{NDF}: 20.4/17$

-8.961 ± 3.888 $\chi^2/\text{NDF}: 29.6/20$

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug



Right In: 10.594 $\pm$ 0.003 χ^2 /NDF: 160059.2/16

Left Out: 11.838 $\pm$ 0.010 χ^2 /NDF: 0.0/0

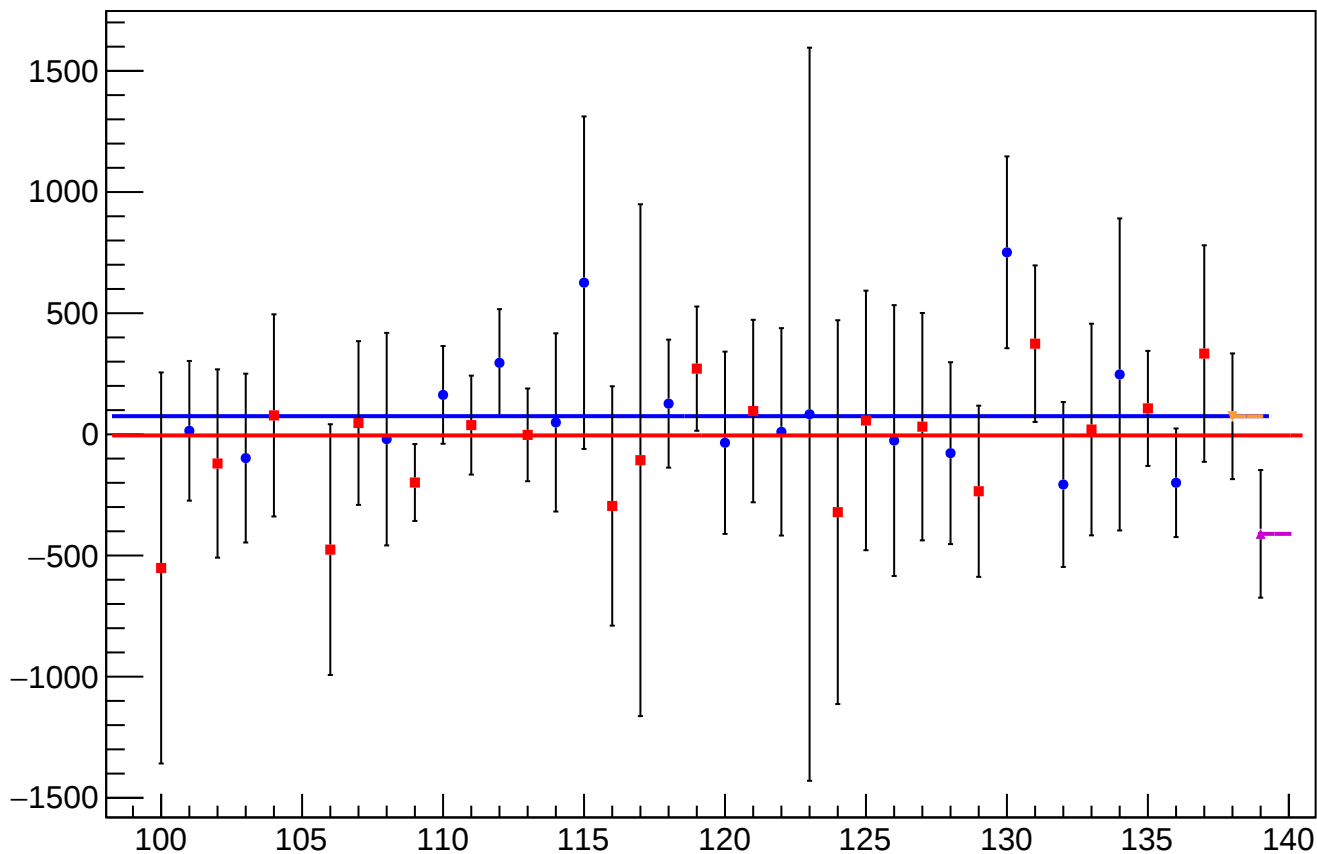
Right Out: 10.758 $\pm$ 0.003 χ^2 /NDF: 178180.9/19

Left In: 11.039 $\pm$ 0.009 χ^2 /NDF: 0.0/0

10.694 $\pm$ 0.003 χ^2 /NDF: 174354.6/17

10.783 $\pm$ 0.003 χ^2 /NDF: 179013.0/20

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: 75.086 $\pm$ 80.352 χ^2 /NDF: 7.7/16

Left Out: 74.574 $\pm$ 259.348 χ^2 /NDF:0.0/0

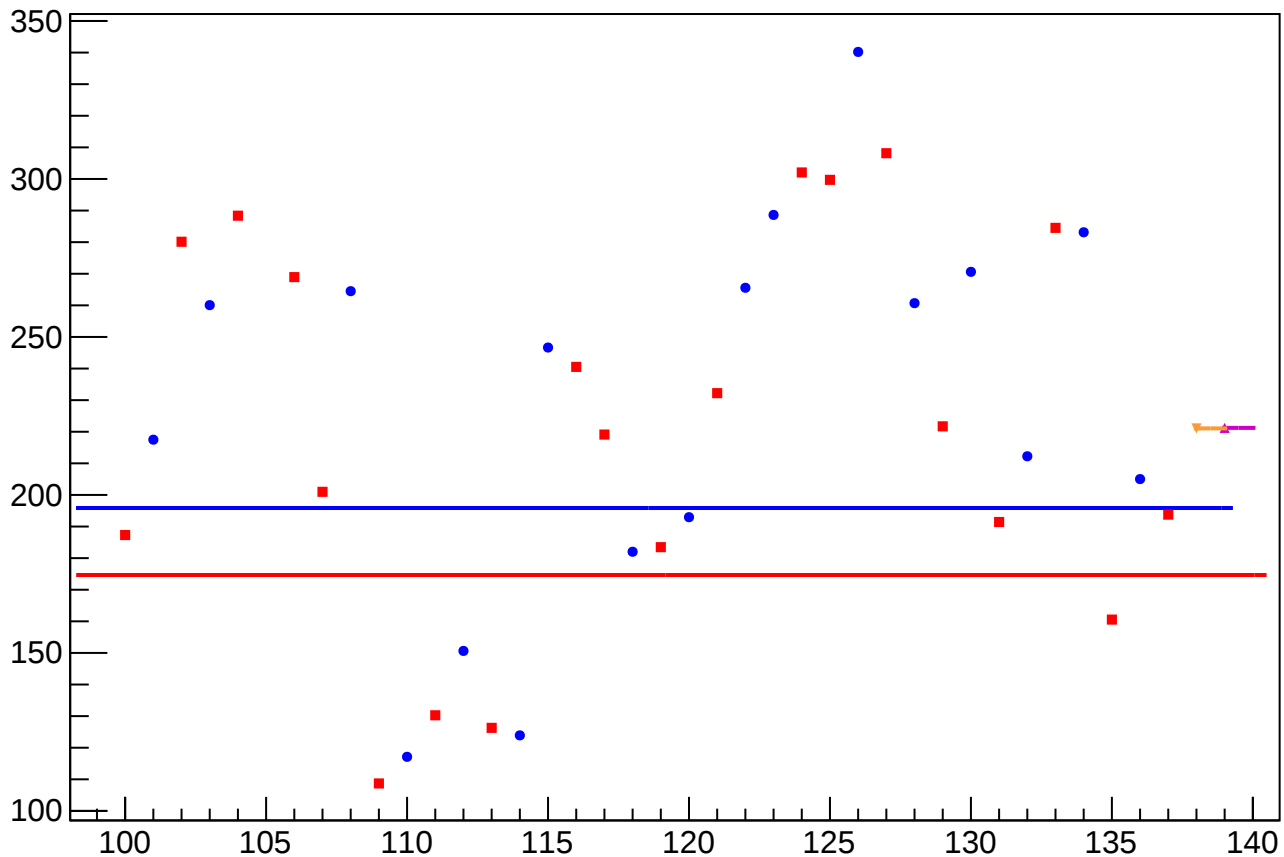
Right Out: -4.459 $\pm$ 70.724 χ^2 /NDF: 7.3/19

Left In: -410.643 $\pm$ 263.367 χ^2 /NDF:0.0/0

75.041 $\pm$ 76.752 χ^2 /NDF: 7.7/17

-31.780 $\pm$ 68.304 χ^2 /NDF: 9.6/20

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 195.869 $\pm$ 0.057 χ^2 /NDF: 979247.4/16

Left Out: 221.062 $\pm$ 0.183 χ^2 /NDF: 0.0/0

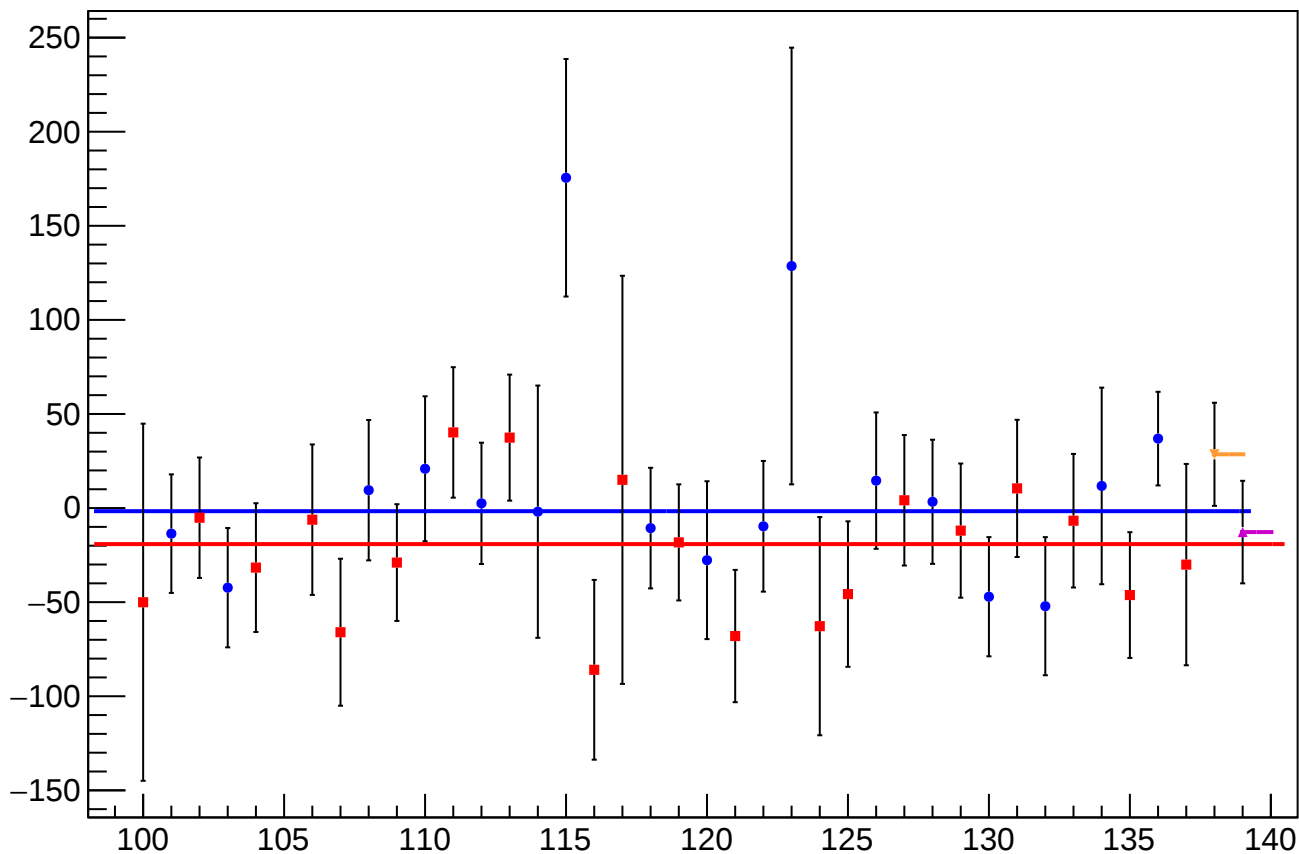
Right Out: 174.665 $\pm$ 0.050 χ^2 /NDF: 1532335.9/19

Left In: 221.223 $\pm$ 0.186 χ^2 /NDF: 0.0/0

198.075 $\pm$ 0.054 χ^2 /NDF: 996466.8/17

177.797 $\pm$ 0.048 χ^2 /NDF: 1590634.0/20

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: -1.654 ± 8.881 χ^2/NDF : 18.5/16

Left Out: 28.570 ± 27.391 χ^2/NDF : 0.0/0

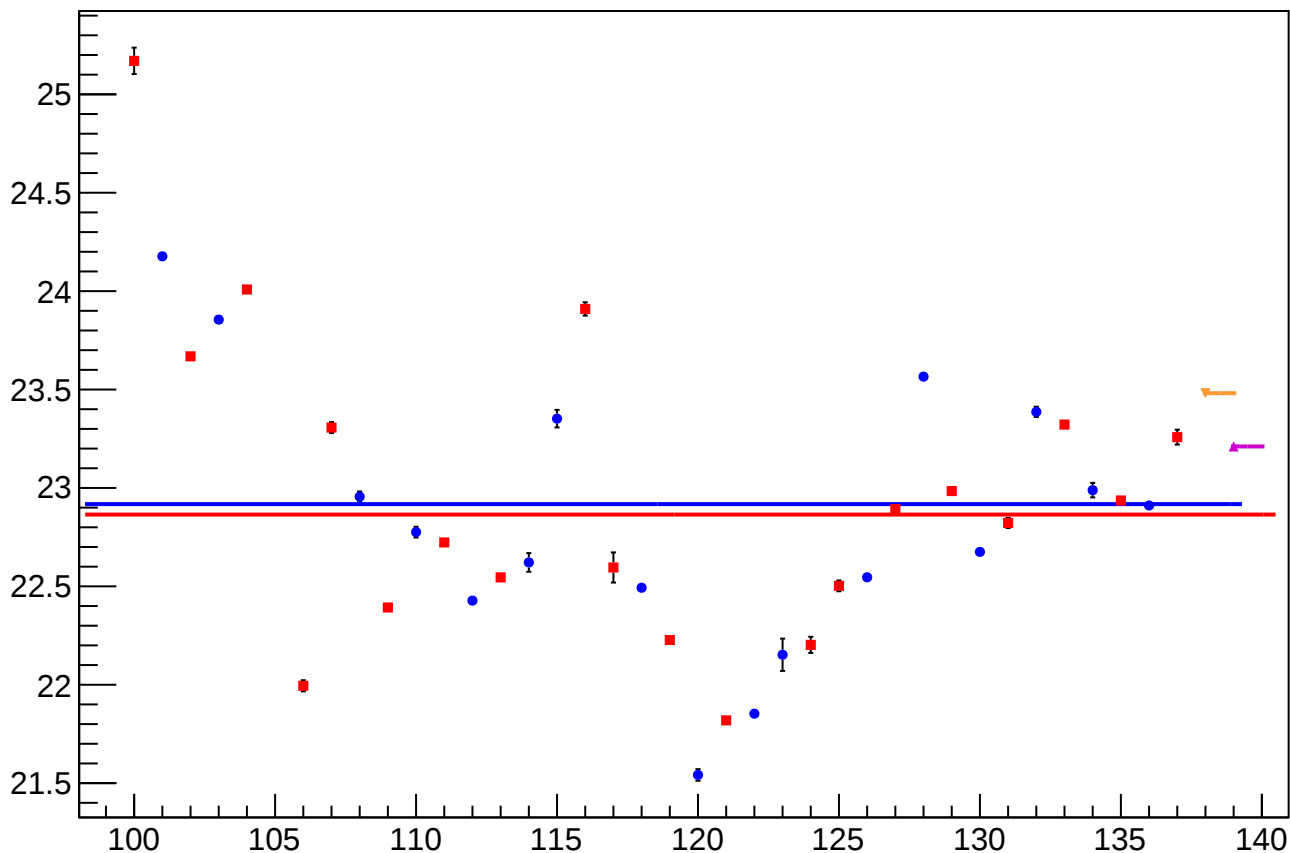
Right Out: -19.145 ± 8.529 χ^2/NDF : 14.9/19

Left In: -12.764 ± 27.247 χ^2/NDF : 0.0/0

1.221 ± 8.448 χ^2/NDF : 19.6/17

-18.575 ± 8.140 χ^2/NDF : 14.9/20

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 22.918 $\pm$ 0.006 χ^2 /NDF: 11472.2/16

Left Out: 23.481 $\pm$ 0.019 χ^2 /NDF: 0.0/0

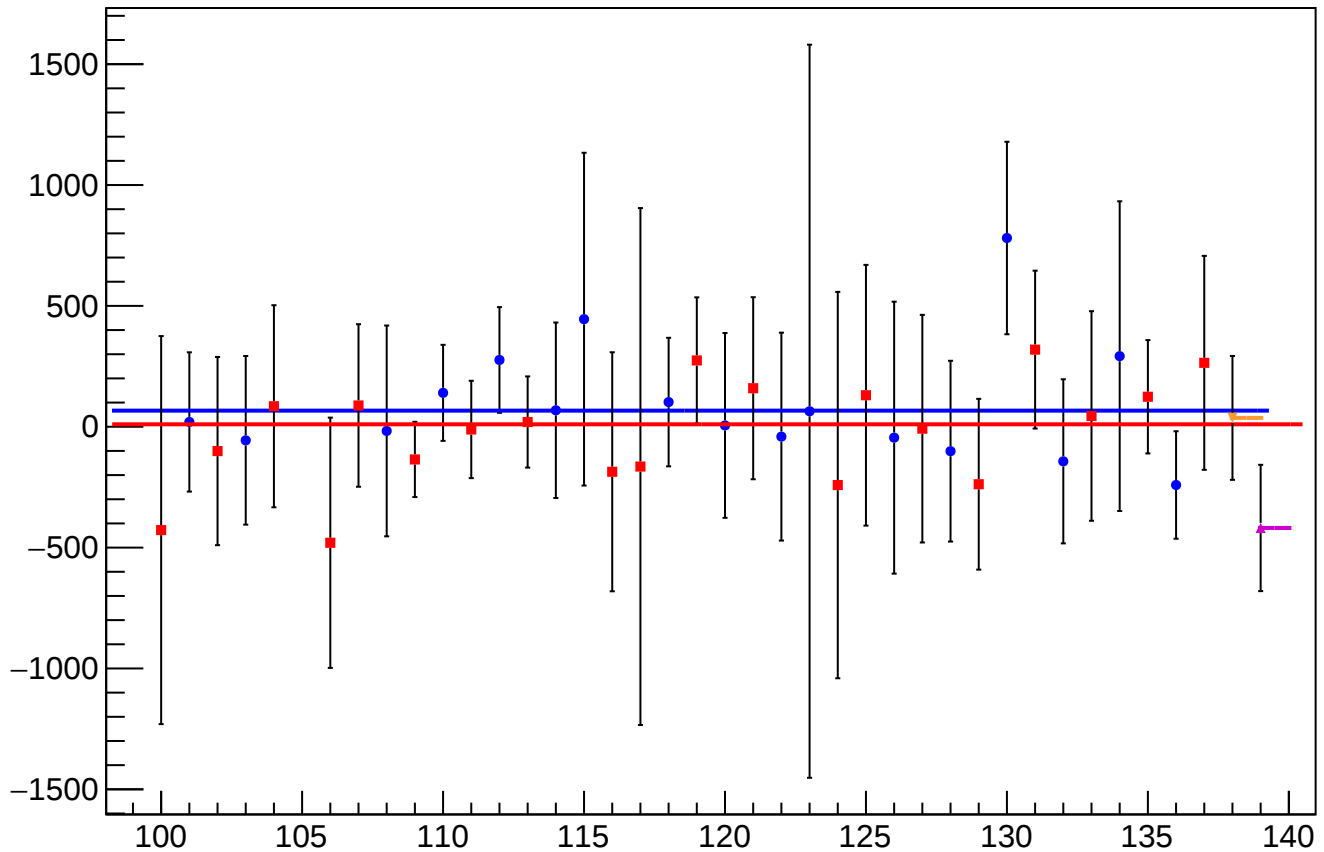
Right Out: 22.865 $\pm$ 0.006 χ^2 /NDF: 11064.9/19

Left In: 23.211 $\pm$ 0.019 χ^2 /NDF: 0.0/0

22.971 $\pm$ 0.006 χ^2 /NDF: 12238.4/17

22.896 $\pm$ 0.006 χ^2 /NDF: 11358.8/20

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug



Right In: 66.701+/-79.995 χ^2/NDF : 7.5/16

Left Out: 36.600+/-256.208 χ^2/NDF : 0.0/0

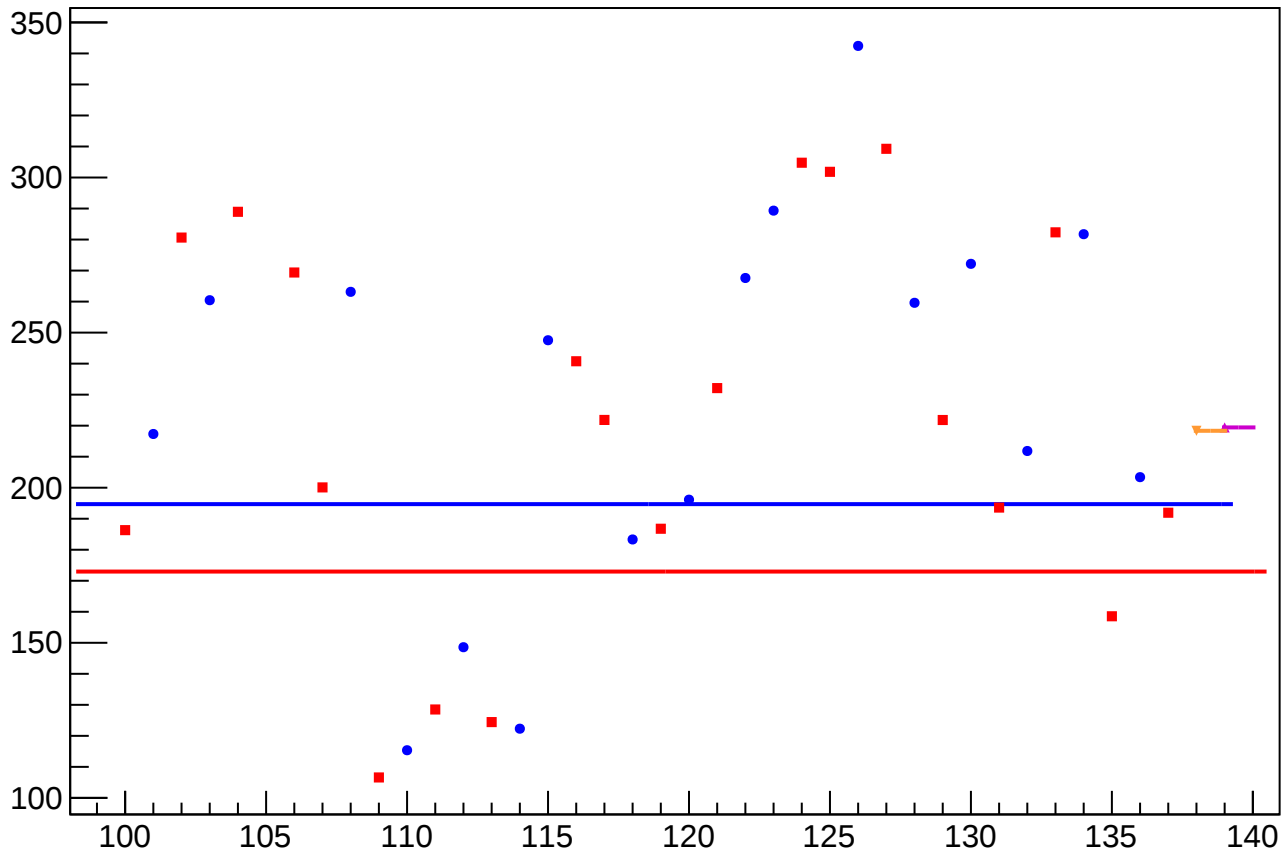
Right Out: 10.113+/-70.234 χ^2/NDF : 5.7/19

Left In: -418.773+/-261.268 χ^2/NDF : 0.0/0

64.027+/-76.360 χ^2/NDF : 7.5/17

-18.792+/-67.826 χ^2/NDF : 8.2/20

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug



Right In: 194.703 ± 0.057 χ^2/NDF : 1019872.4/16

Left Out: 218.347 ± 0.181 χ^2/NDF : 0.0/0

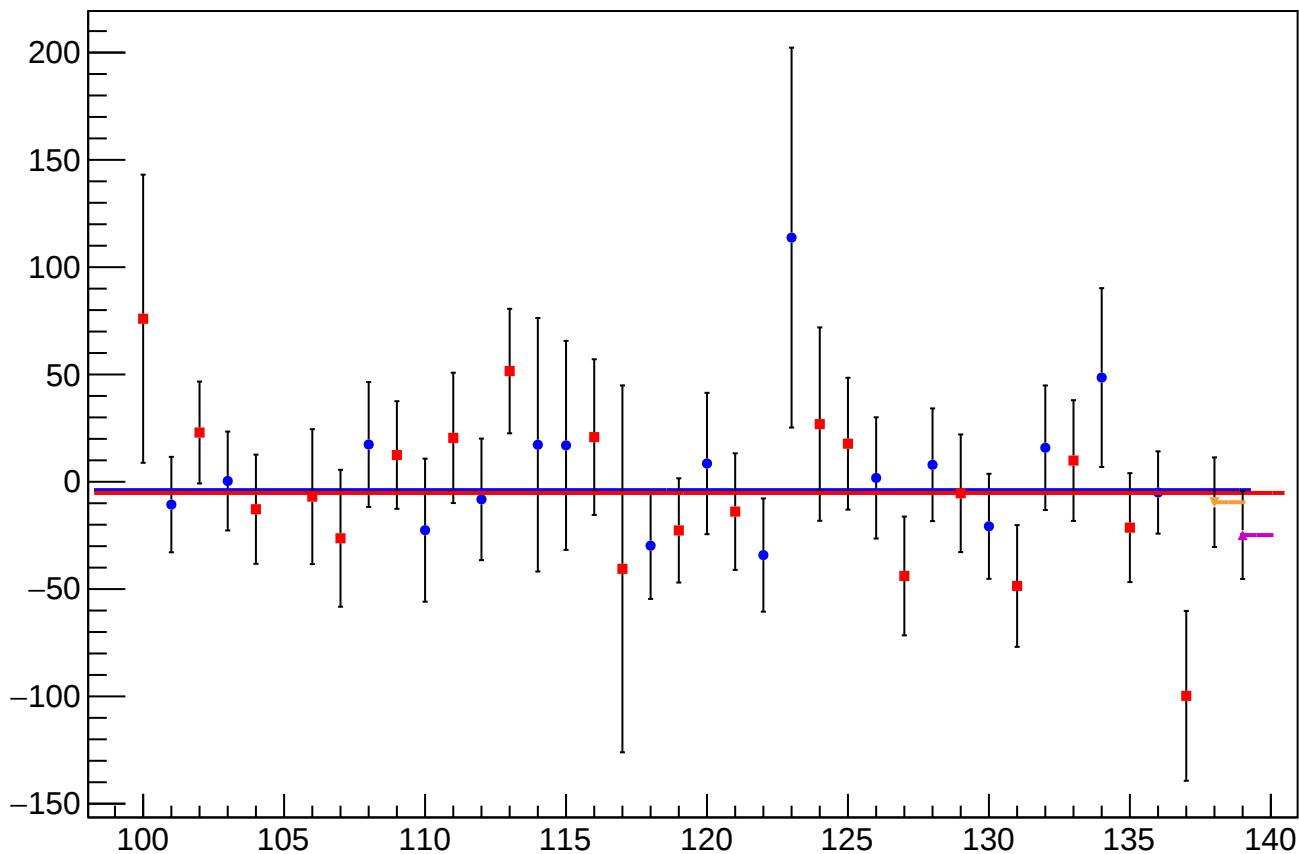
Right Out: 172.965 ± 0.050 χ^2/NDF : 1601142.0/19

Left In: 219.433 ± 0.185 χ^2/NDF : 0.0/0

196.803 ± 0.054 χ^2/NDF : 1035392.7/17

176.097 ± 0.048 χ^2/NDF : 1660142.6/20

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug



Right In: -3.894+/-6.915 χ^2/NDF : 8.4/16

Left Out: -9.522+/-20.883 χ^2/NDF : 0.0/0

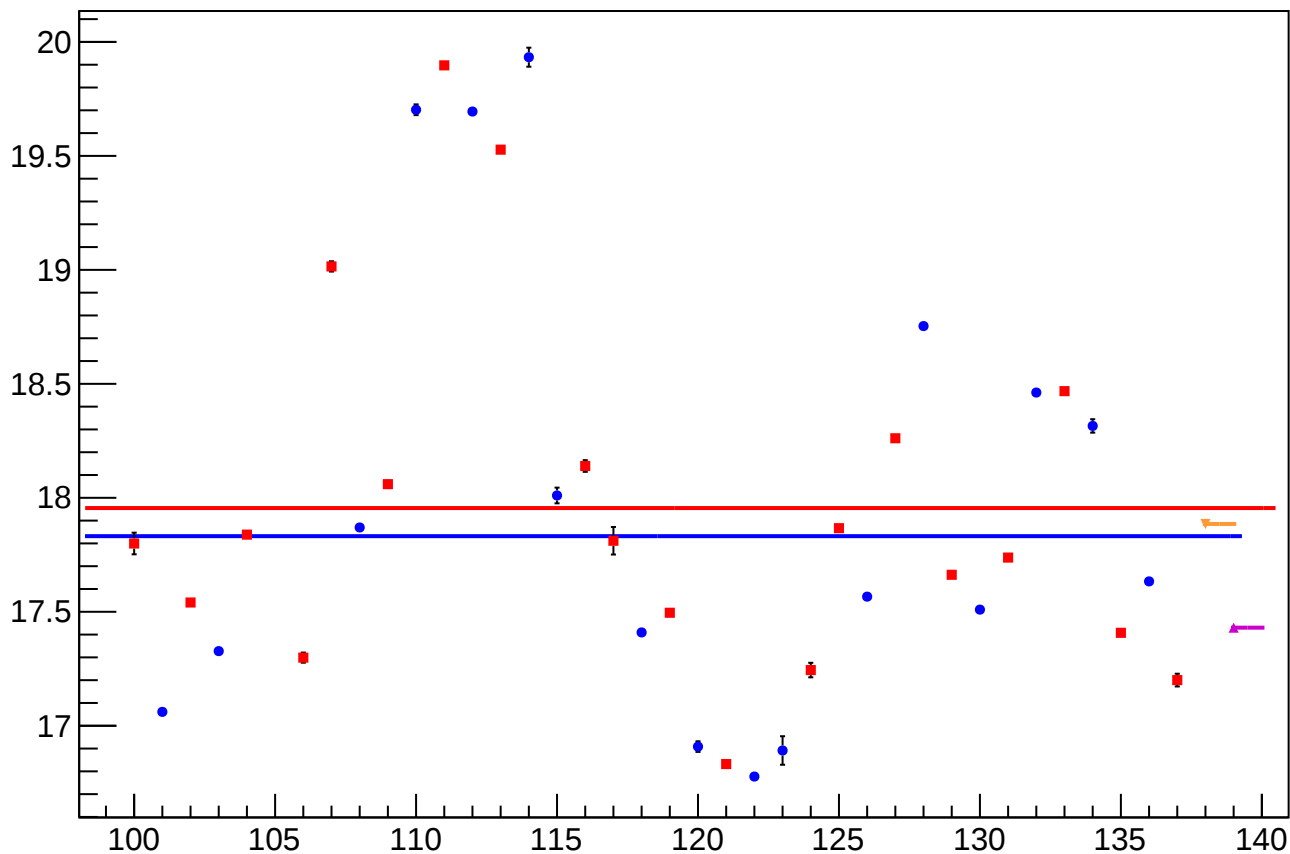
Right Out: -5.204+/-6.706 χ^2/NDF : 21.5/19

Left In: -24.822+/-20.484 χ^2/NDF : 0.0/0

-4.451+/-6.565 χ^2/NDF : 8.5/17

-7.103+/-6.373 χ^2/NDF : 22.3/20

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug



Right In: 17.832 $\pm$ 0.005 χ^2 /NDF: 30863.4/16

Left Out: 17.885 $\pm$ 0.015 χ^2 /NDF: 0.0/0

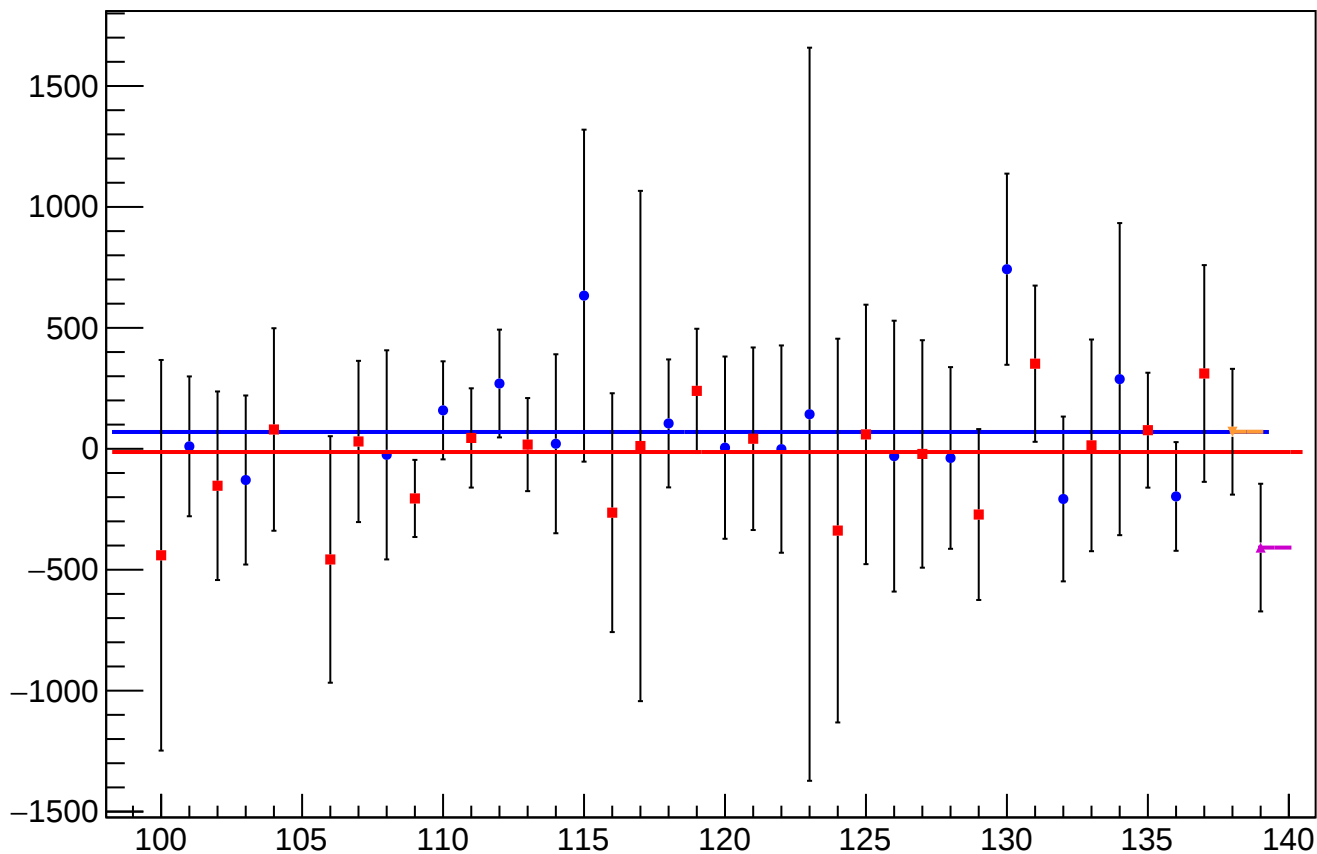
Right Out: 17.955 $\pm$ 0.005 χ^2 /NDF: 25454.6/19

Left In: 17.430 $\pm$ 0.014 χ^2 /NDF: 0.0/0

17.837 $\pm$ 0.005 χ^2 /NDF: 30875.3/17

17.904 $\pm$ 0.005 χ^2 /NDF: 26639.9/20

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug



Right In: 69.511+/-80.550 χ^2/NDF : 7.4/16

Left Out: 70.524+/-260.039 χ^2/NDF : 0.0/0

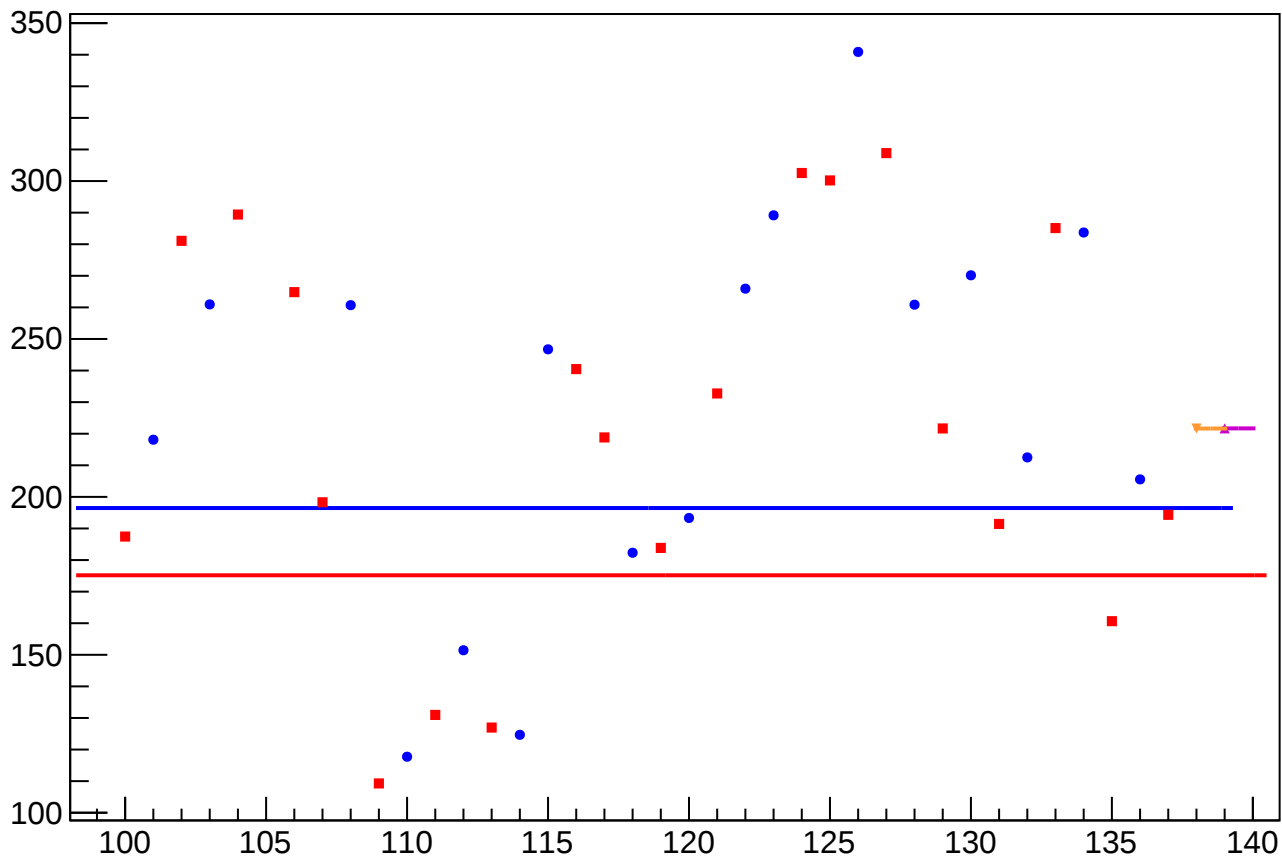
Right Out: -13.298+/-70.881 χ^2/NDF : 6.7/19

Left In: -408.439+/-263.925 χ^2/NDF : 0.0/0

69.599+/-76.943 χ^2/NDF : 7.4/17

-39.880+/-68.455 χ^2/NDF : 8.8/20

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug



Right In: 196.470 $\pm$ 0.057 χ^2 /NDF: 964281.5/16

Left Out: 221.647 $\pm$ 0.184 χ^2 /NDF: 0.0/0

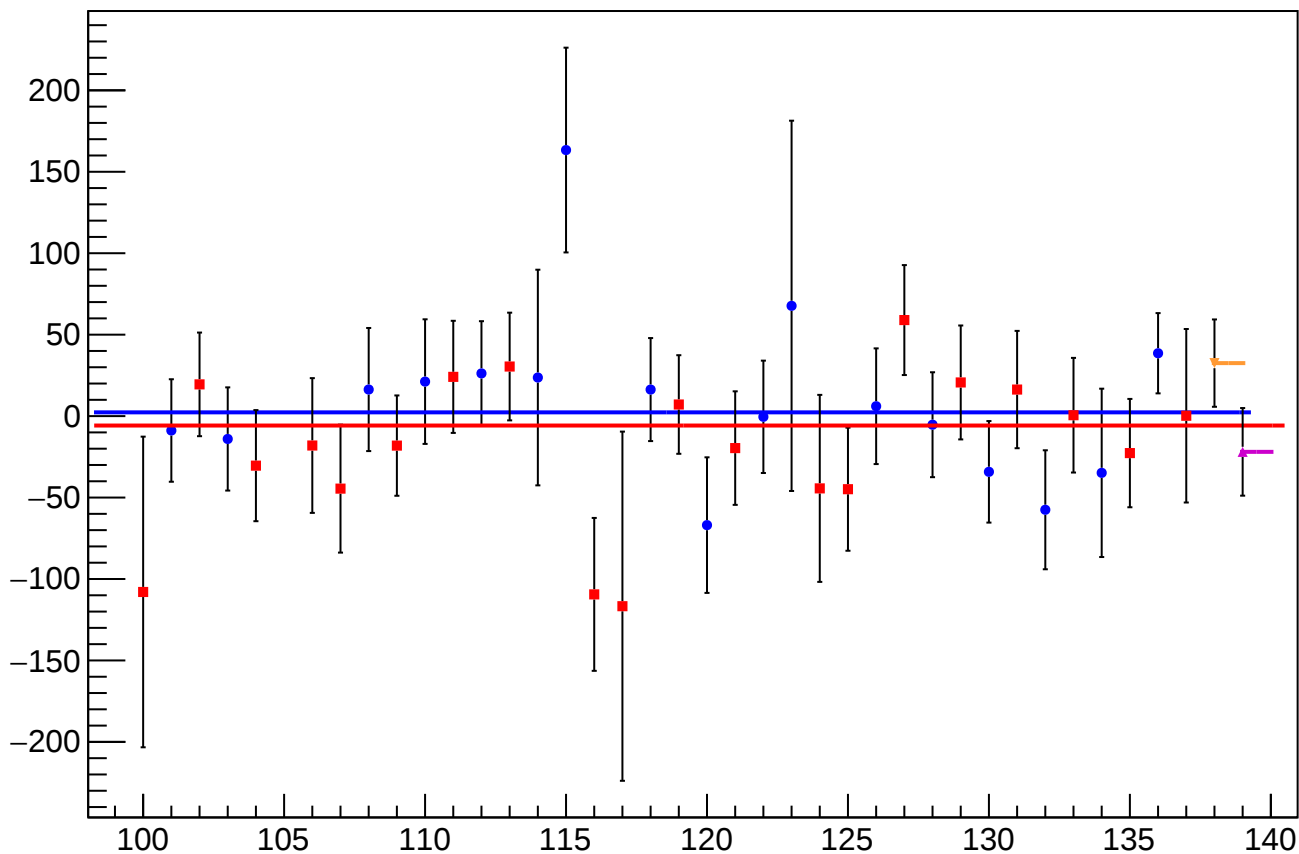
Right Out: 175.179 $\pm$ 0.050 χ^2 /NDF: 1514541.6/19

Left In: 221.691 $\pm$ 0.187 χ^2 /NDF: 0.0/0

198.675 $\pm$ 0.054 χ^2 /NDF: 981388.0/17

178.308 $\pm$ 0.048 χ^2 /NDF: 1572478.4/20

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug



Right In: 2.307 $\pm$ 8.805 χ^2/NDF : 18.1/16

Left Out: 32.537 $\pm$ 26.809 χ^2/NDF : 0.0/0

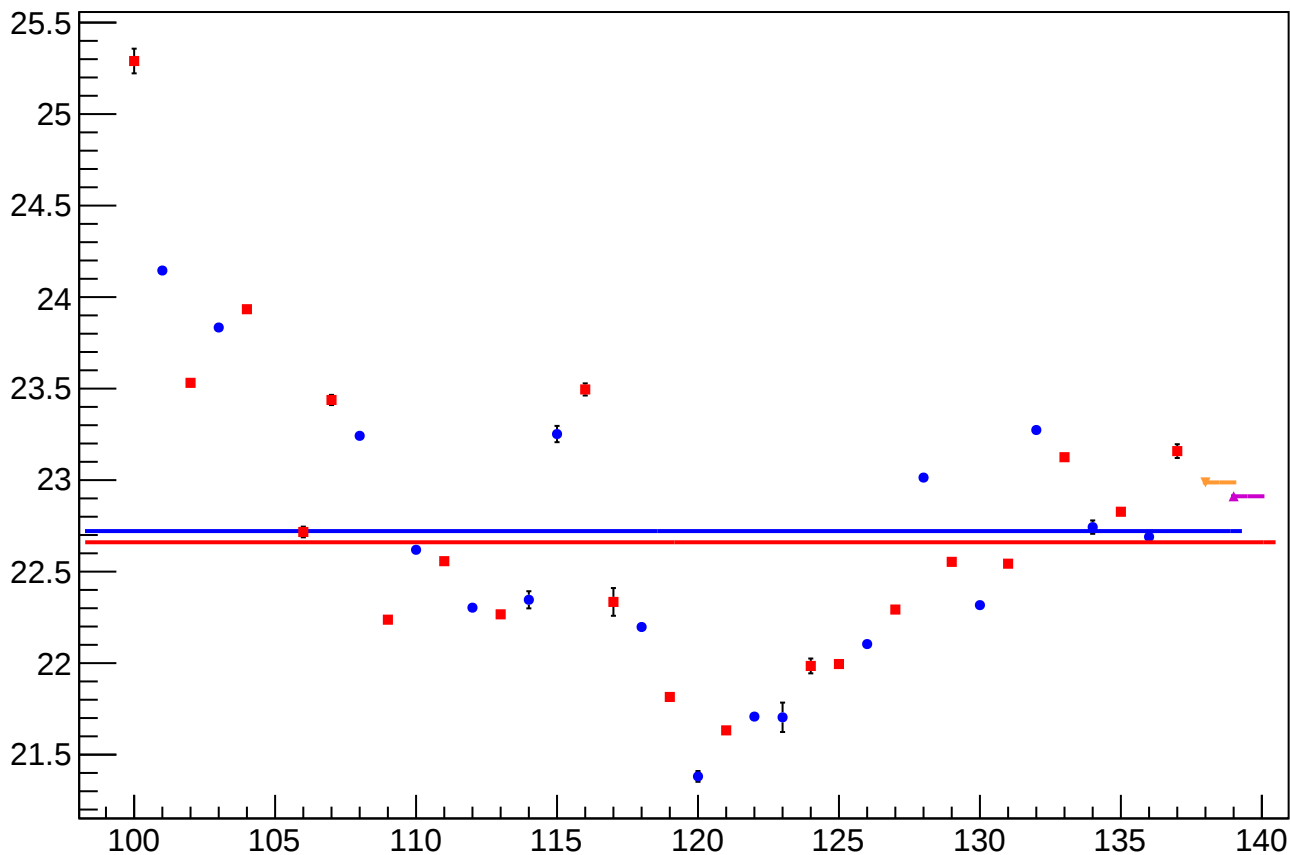
Right Out: -5.783 $\pm$ 8.453 χ^2/NDF : 18.2/19

Left In: -21.943 $\pm$ 26.895 χ^2/NDF : 0.0/0

5.251 $\pm$ 8.365 χ^2/NDF : 19.3/17

-7.236 $\pm$ 8.064 χ^2/NDF : 18.5/20

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug



Right In: 22.722 $\pm$ 0.006 χ^2 /NDF: 13580.6/16

Left Out: 22.987 $\pm$ 0.019 χ^2 /NDF: 0.0/0

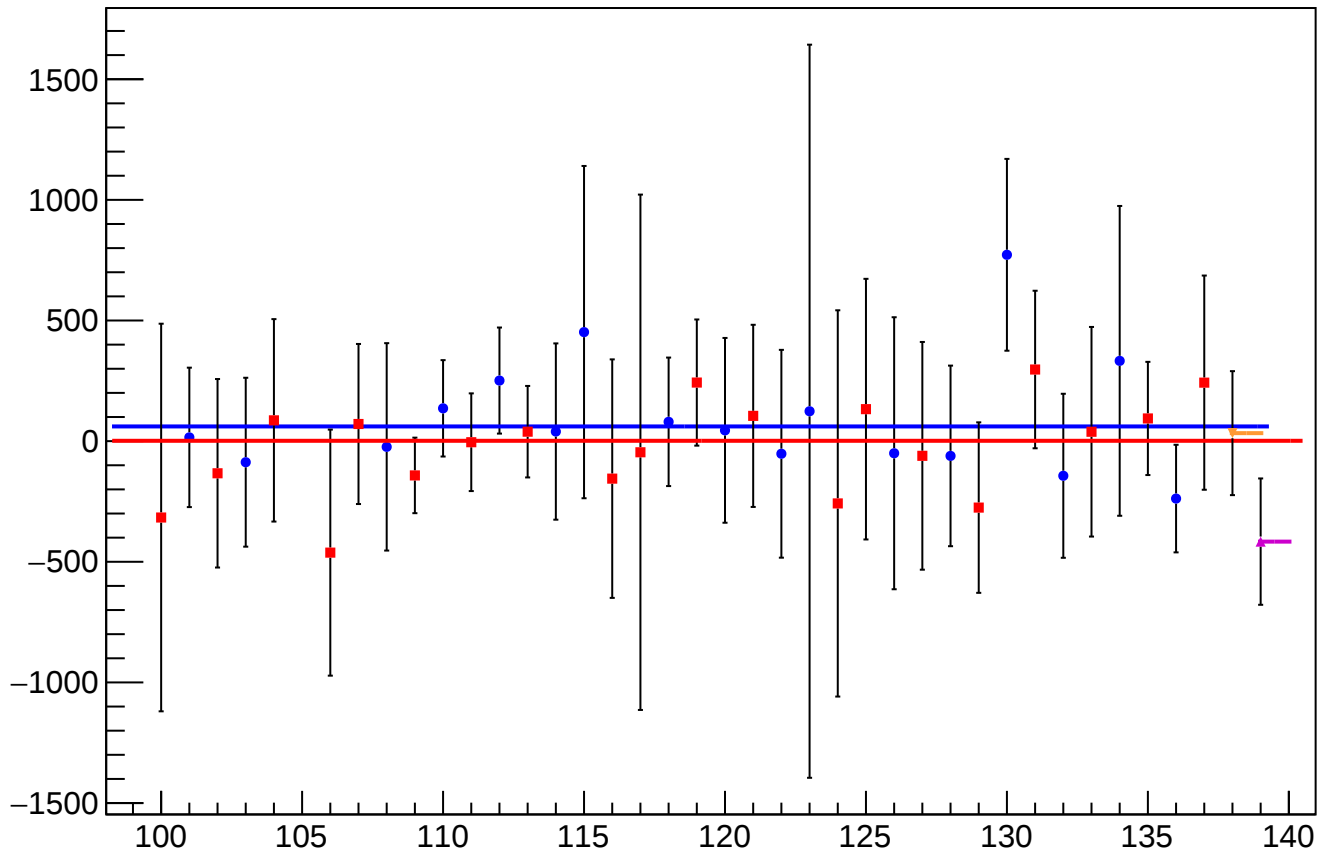
Right Out: 22.660 $\pm$ 0.006 χ^2 /NDF: 12974.2/19

Left In: 22.912 $\pm$ 0.019 χ^2 /NDF: 0.0/0

22.747 $\pm$ 0.006 χ^2 /NDF: 13758.2/17

22.683 $\pm$ 0.006 χ^2 /NDF: 13133.1/20

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug



Right In: 60.960 $\pm$ 80.197 χ^2 /NDF: 7.2/16

Left Out: 33.155 $\pm$ 256.900 χ^2 /NDF: 0.0/0

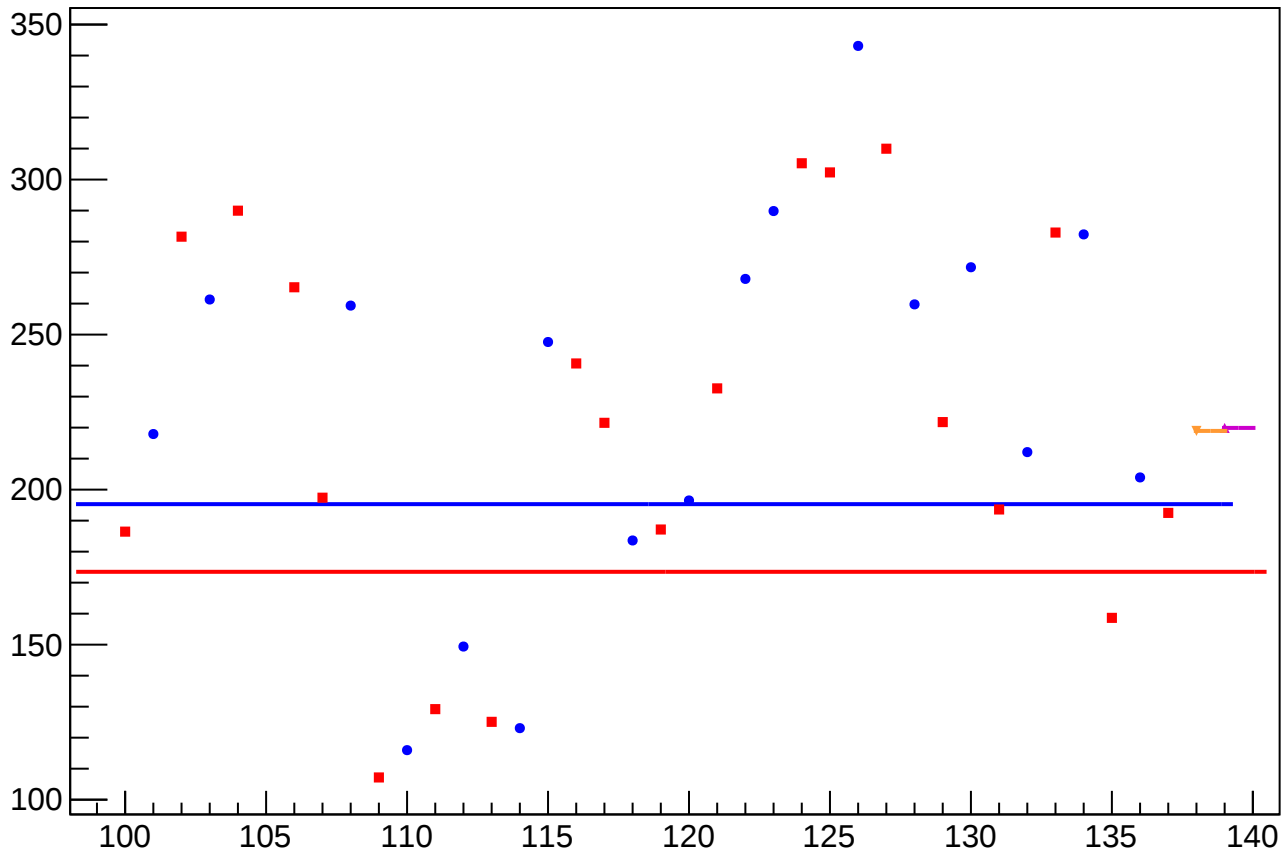
Right Out: 1.439 $\pm$ 70.395 χ^2 /NDF: 5.2/19

Left In: -416.447 $\pm$ 261.831 χ^2 /NDF: 0.0/0

58.491 $\pm$ 76.553 χ^2 /NDF: 7.2/17

-26.731 $\pm$ 67.981 χ^2 /NDF: 7.5/20

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug



Right In: 195.316+/-0.057 χ^2/NDF : 1004211.5/16

Left Out: 218.934+/-0.182 χ^2/NDF : 0.0/0

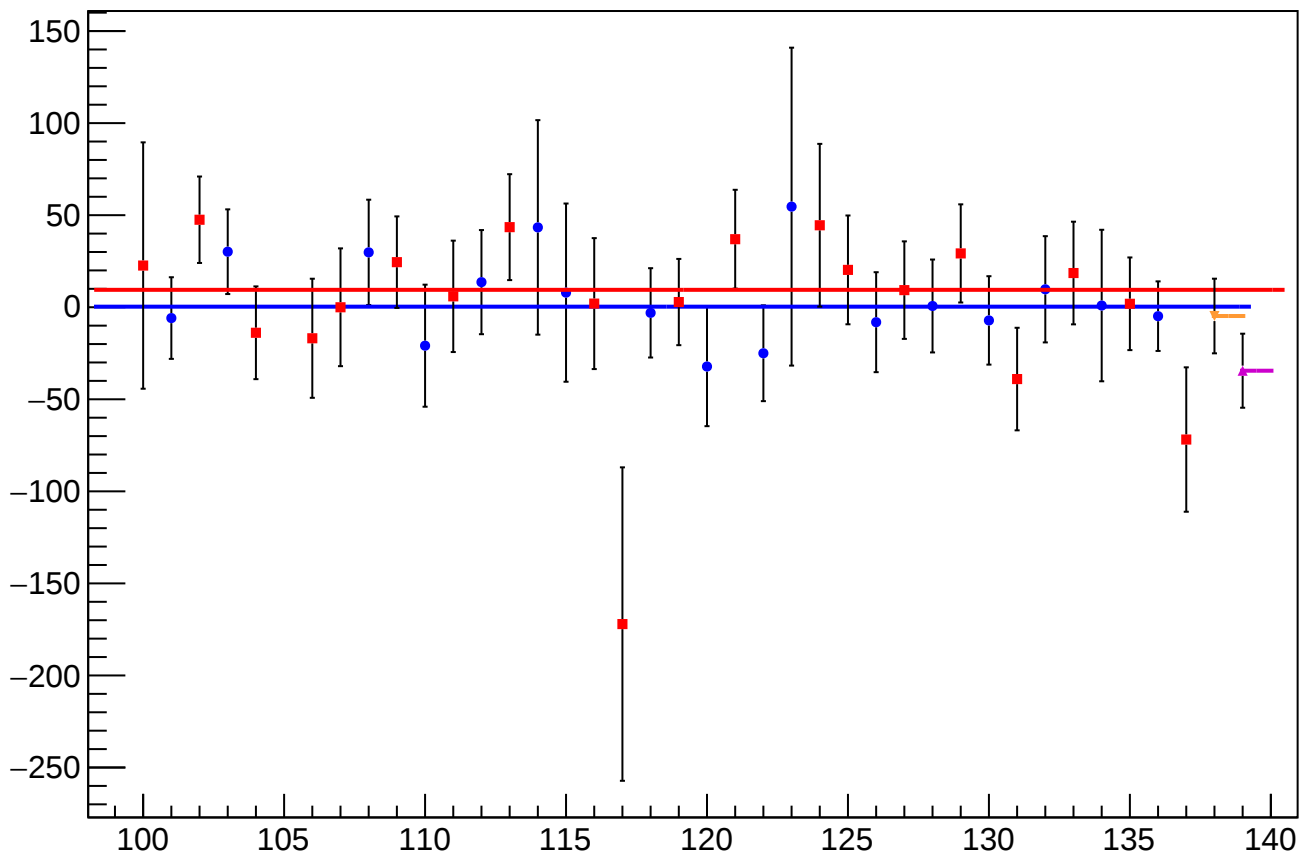
Right Out: 173.495+/-0.050 χ^2/NDF : 1582449.6/19

Left In: 219.905+/-0.185 χ^2/NDF : 0.0/0

197.413+/-0.054 χ^2/NDF : 1019615.1/17

176.623+/-0.048 χ^2/NDF : 1641051.0/20

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug



Right In: 0.305 ± 6.812 χ^2/NDF : 6.8/16

Left Out: -4.770 ± 20.273 χ^2/NDF : 0.0/0

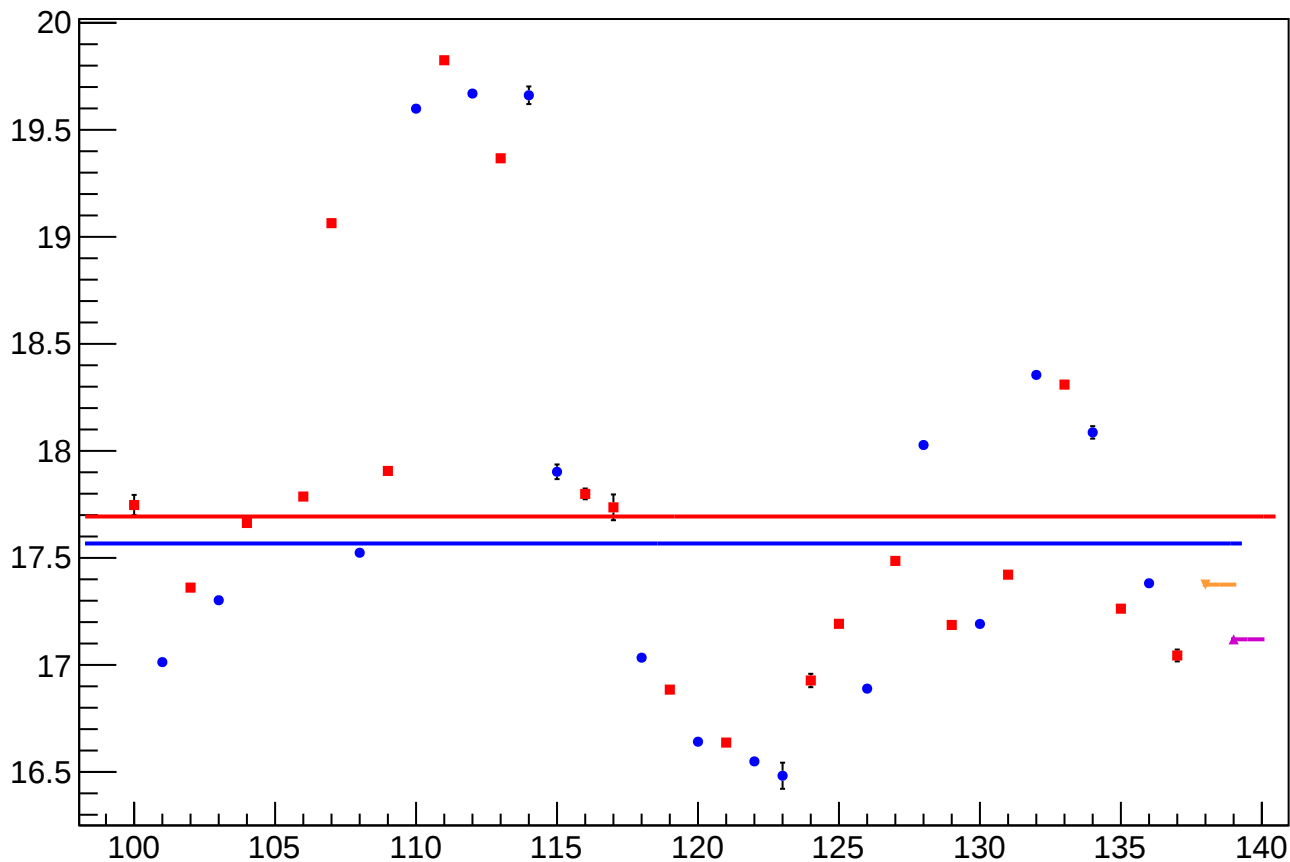
Right Out: 9.452 ± 6.608 χ^2/NDF : 20.6/19

Left In: -34.483 ± 20.108 χ^2/NDF : 0.0/0

-0.210 ± 6.458 χ^2/NDF : 6.8/17

5.170 ± 6.278 χ^2/NDF : 24.9/20

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug



Right In: 17.567 $\pm$ 0.005 χ^2 /NDF: 33145.0/16

Left Out: 17.375 $\pm$ 0.014 χ^2 /NDF: 0.0/0

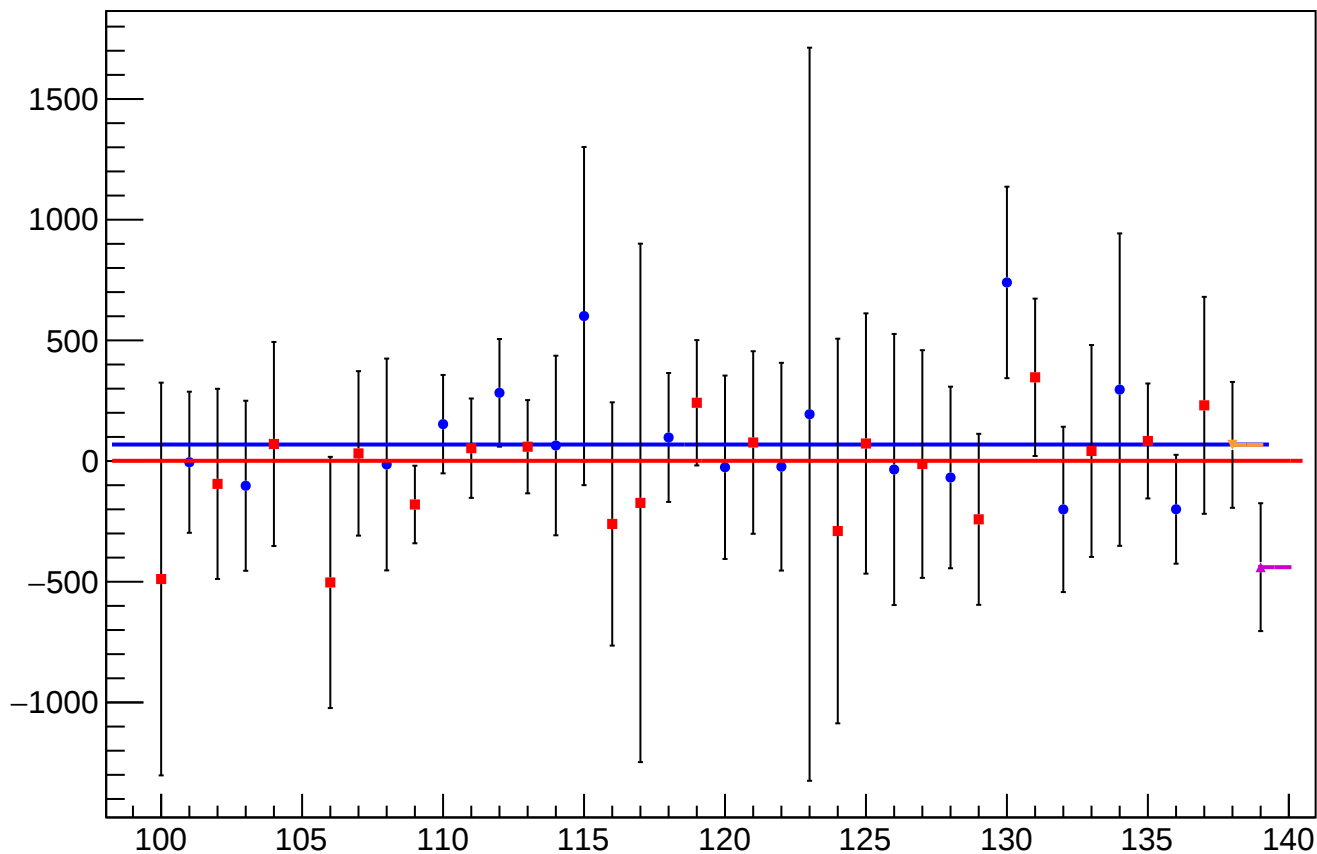
Right Out: 17.693 $\pm$ 0.005 χ^2 /NDF: 30767.6/19

Left In: 17.120 $\pm$ 0.014 χ^2 /NDF: 0.0/0

17.548 $\pm$ 0.005 χ^2 /NDF: 33306.2/17

17.638 $\pm$ 0.004 χ^2 /NDF: 32237.7/20

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug



Right In: 68.553 $\pm$ 81.018 χ^2 /NDF: 7.3/16

Left Out: 67.117 $\pm$ 260.804 χ^2 /NDF: 0.0/0

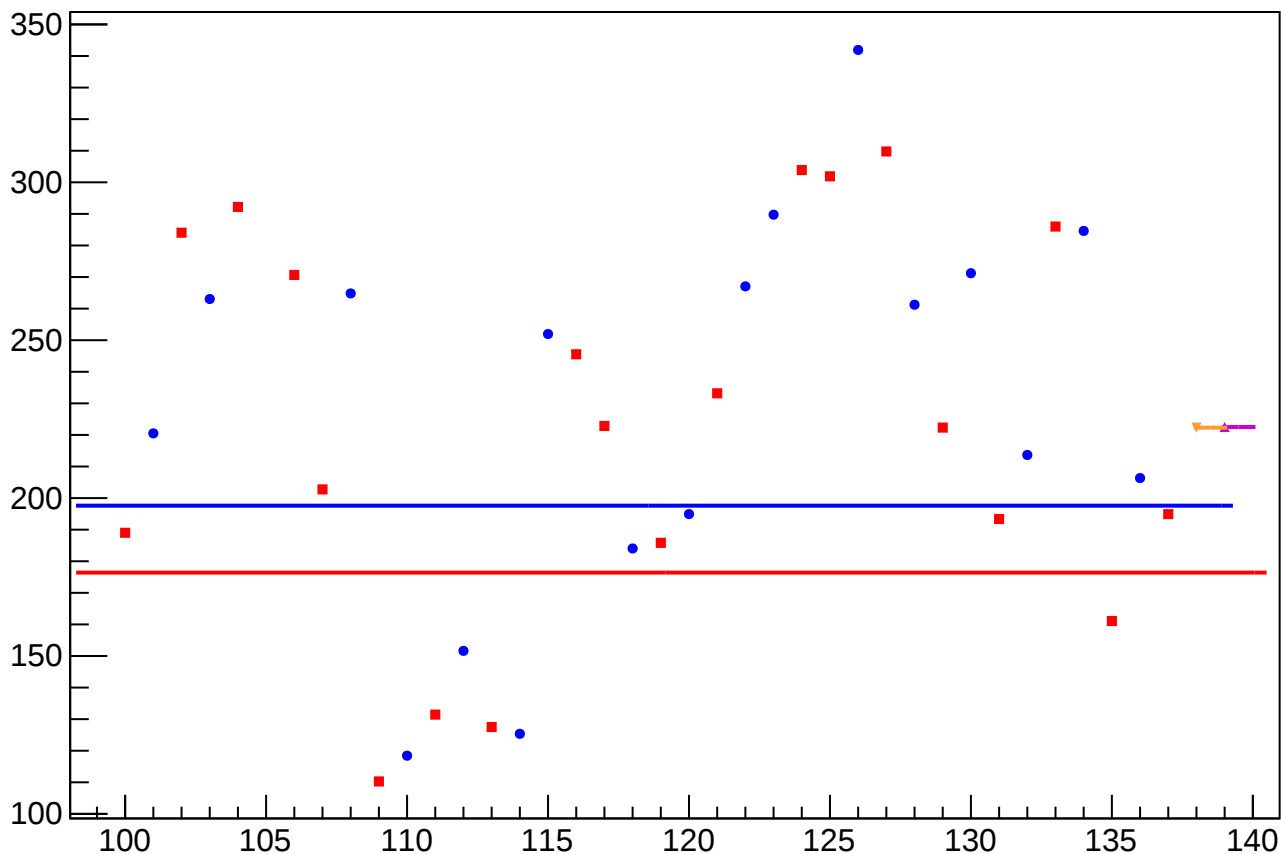
Right Out: 1.057 $\pm$ 71.380 χ^2 /NDF: 6.1/19

Left In: -439.576 $\pm$ 264.914 χ^2 /NDF: 0.0/0

68.427 $\pm$ 77.371 χ^2 /NDF: 7.3/17

-28.768 $\pm$ 68.922 χ^2 /NDF: 8.7/20

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 197.603 $\pm$ 0.057 χ^2 /NDF: 968827.8/16

Left Out: 222.306 $\pm$ 0.184 χ^2 /NDF: 0.0/0

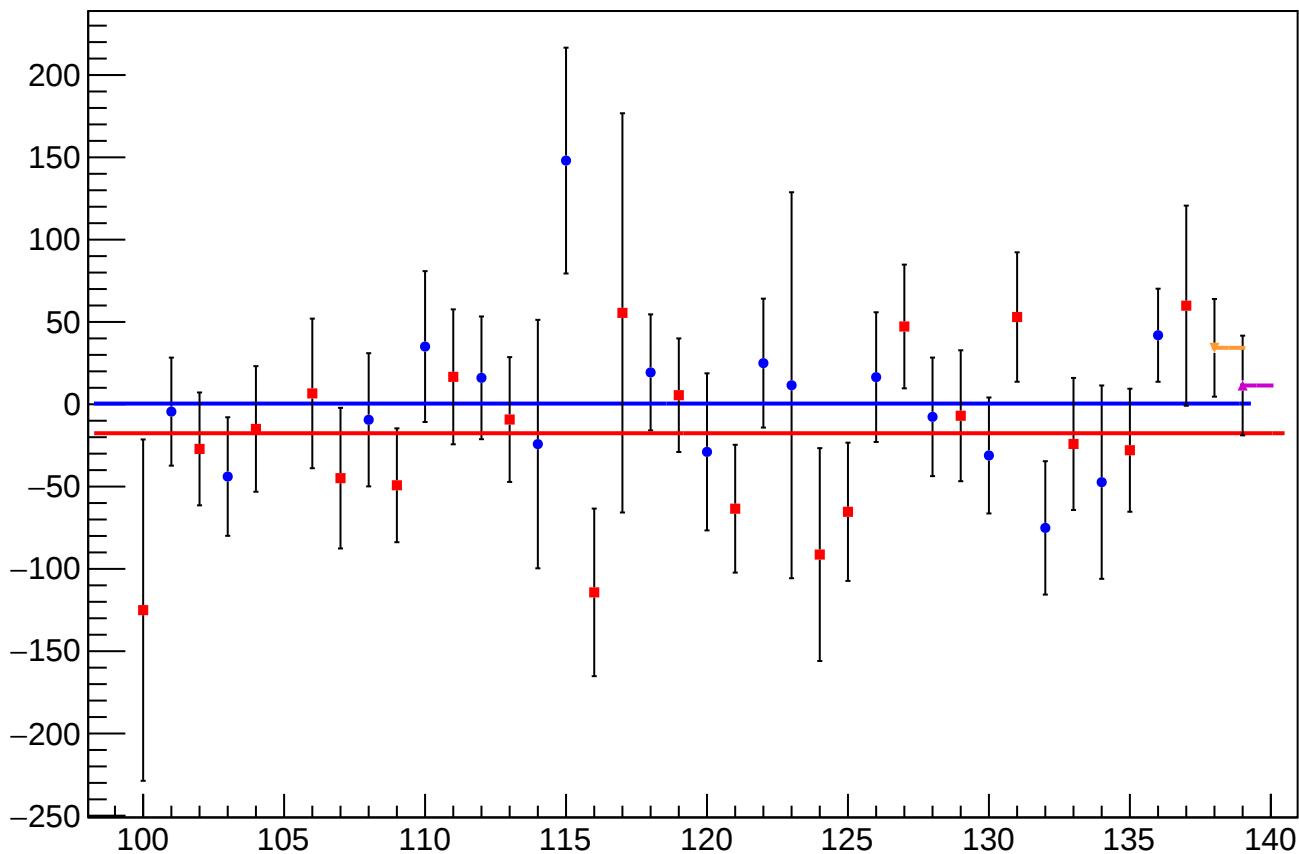
Right Out: 176.407 $\pm$ 0.050 χ^2 /NDF: 1523589.5/19

Left In: 222.523 $\pm$ 0.187 χ^2 /NDF: 0.0/0

199.777 $\pm$ 0.055 χ^2 /NDF: 985191.3/17

179.529 $\pm$ 0.049 χ^2 /NDF: 1580094.2/20

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 0.427 ± 9.884 χ^2/NDF : 15.5/16

Left Out: 34.293 ± 29.678 χ^2/NDF : 0.0/0

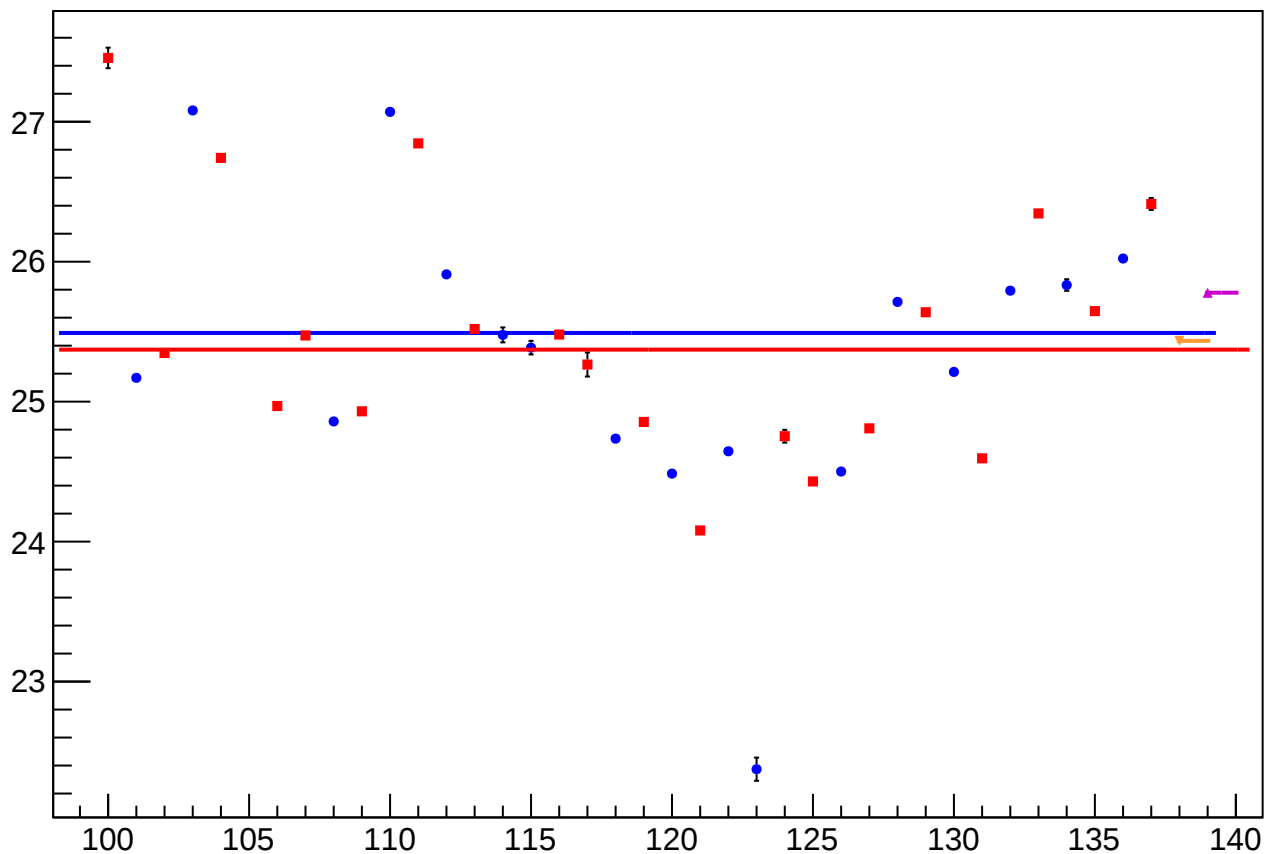
Right Out: -17.595 ± 9.470 χ^2/NDF : 19.8/19

Left In: 11.402 ± 30.281 χ^2/NDF : 0.0/0

3.808 ± 9.378 χ^2/NDF : 16.6/17

-15.012 ± 9.038 χ^2/NDF : 20.7/20

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 25.491 $\pm$ 0.007 χ^2/NDF : 13713.0/16

Left Out: 25.434 $\pm$ 0.021 χ^2/NDF : 0.0/0

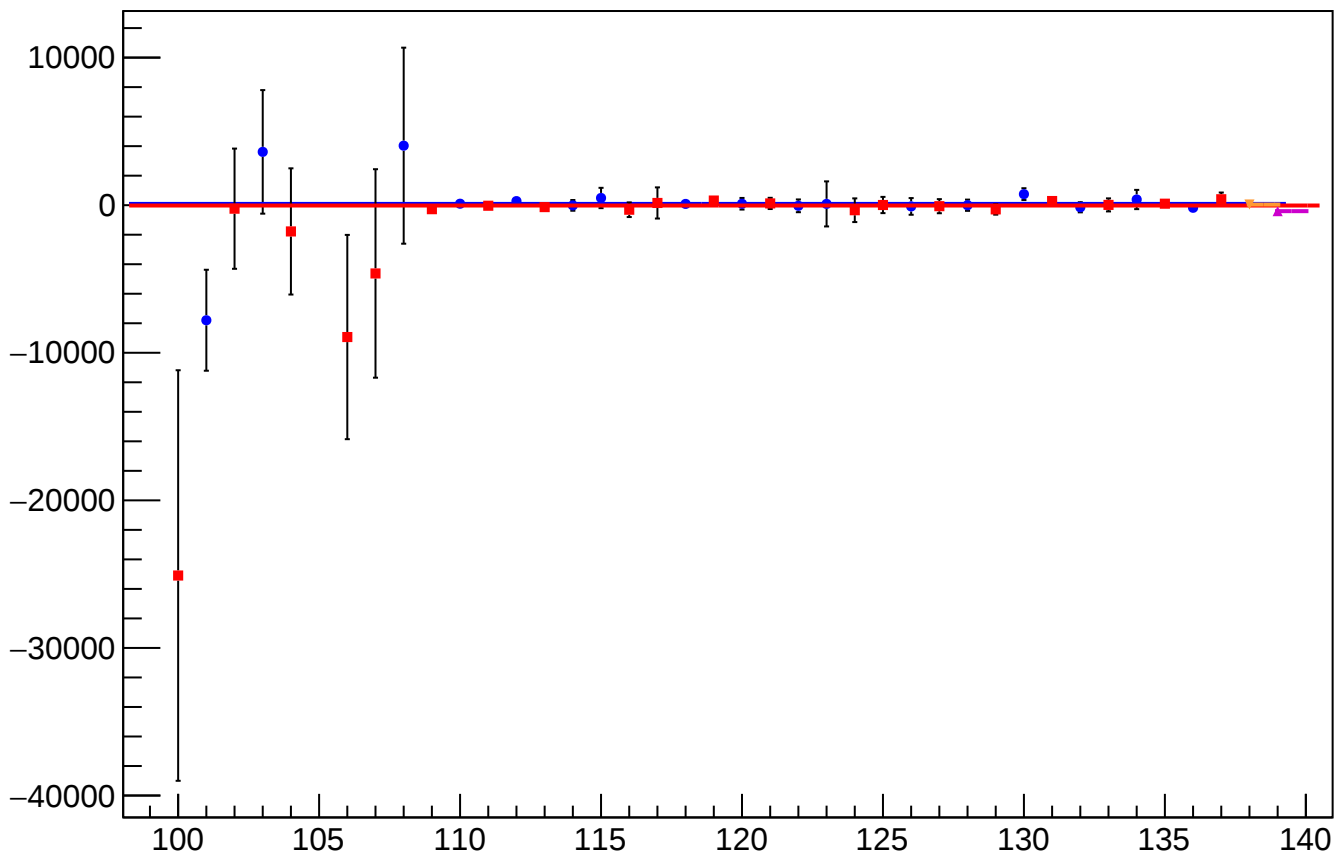
Right Out: 25.372 $\pm$ 0.007 χ^2/NDF : 13552.0/19

Left In: 25.778 $\pm$ 0.021 χ^2/NDF : 0.0/0

25.485 $\pm$ 0.007 χ^2/NDF : 13719.6/17

25.408 $\pm$ 0.006 χ^2/NDF : 13880.9/20

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug



Right In: 86.558+/-88.423 χ^2/NDF : 12.5/16

Left Out: 46.356+/-256.563 χ^2/NDF : 0.0/0

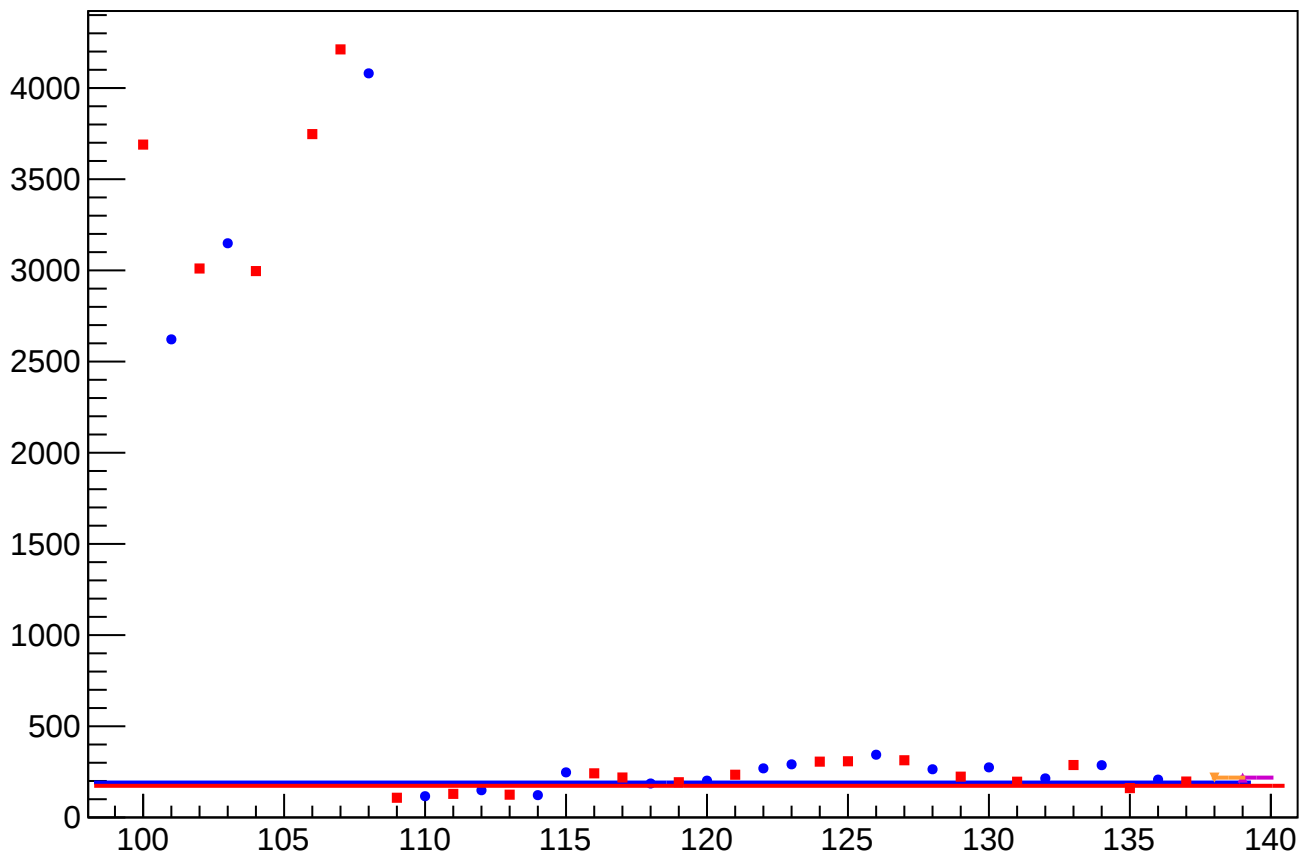
Right Out: -22.332+/-80.711 χ^2/NDF : 11.9/19

Left In: -404.486+/-260.282 χ^2/NDF : 0.0/0

82.289+/-83.598 χ^2/NDF : 12.5/17

-55.855+/-77.090 χ^2/NDF : 13.9/20

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug



Right In: 191.478+/-0.063 χ^2/NDF : 3573154.3/16

Left Out: 218.471+/-0.181 χ^2/NDF : 0.0/0

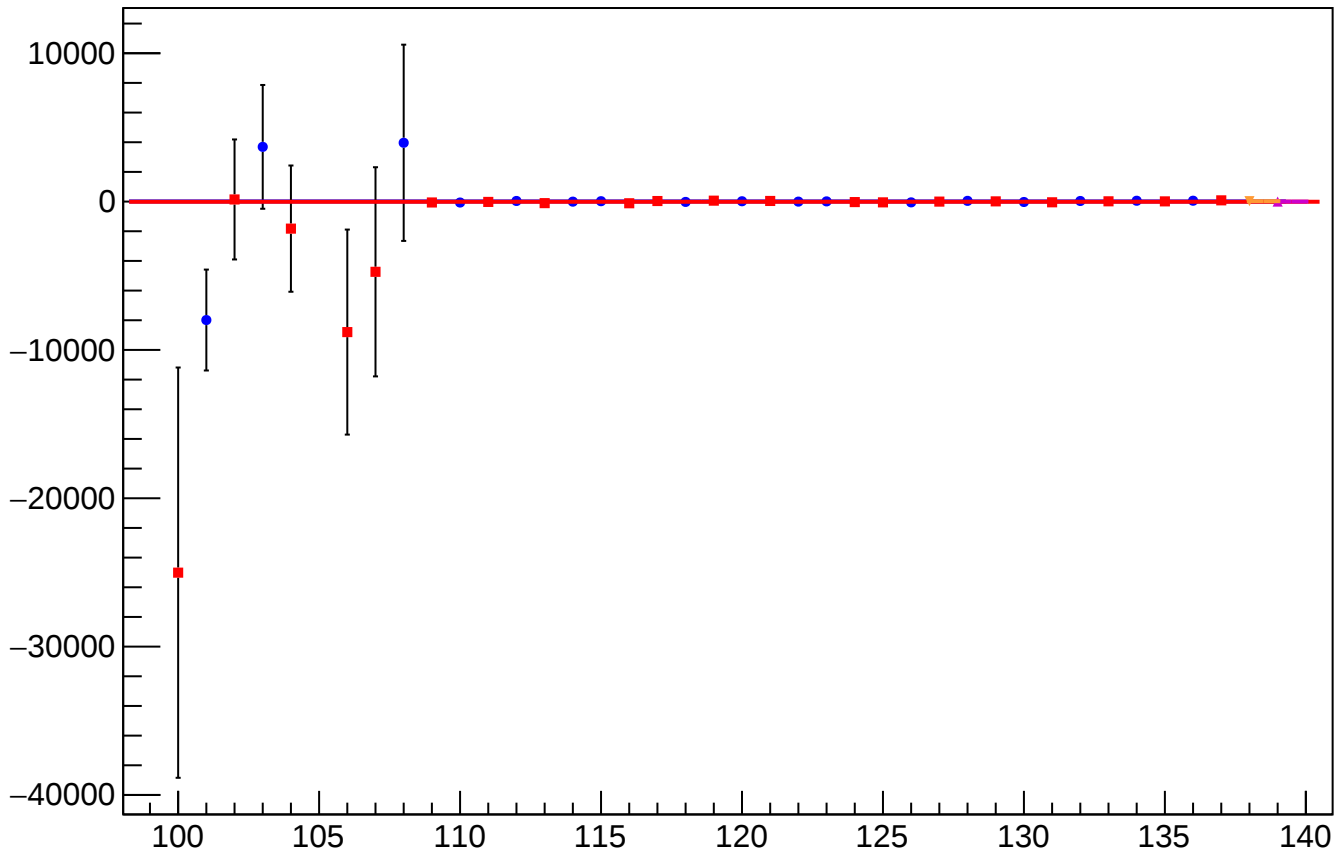
Right Out: 173.565+/-0.057 χ^2/NDF : 4211161.0/19

Left In: 218.441+/-0.184 χ^2/NDF : 0.0/0

194.344+/-0.059 χ^2/NDF : 3592942.1/17

177.502+/-0.055 χ^2/NDF : 4265397.7/20

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug



Right In: 10.286+/-12.282 χ^2/NDF : 18.4/16

Left Out: 27.258+/-33.777 χ^2/NDF : 0.0/0

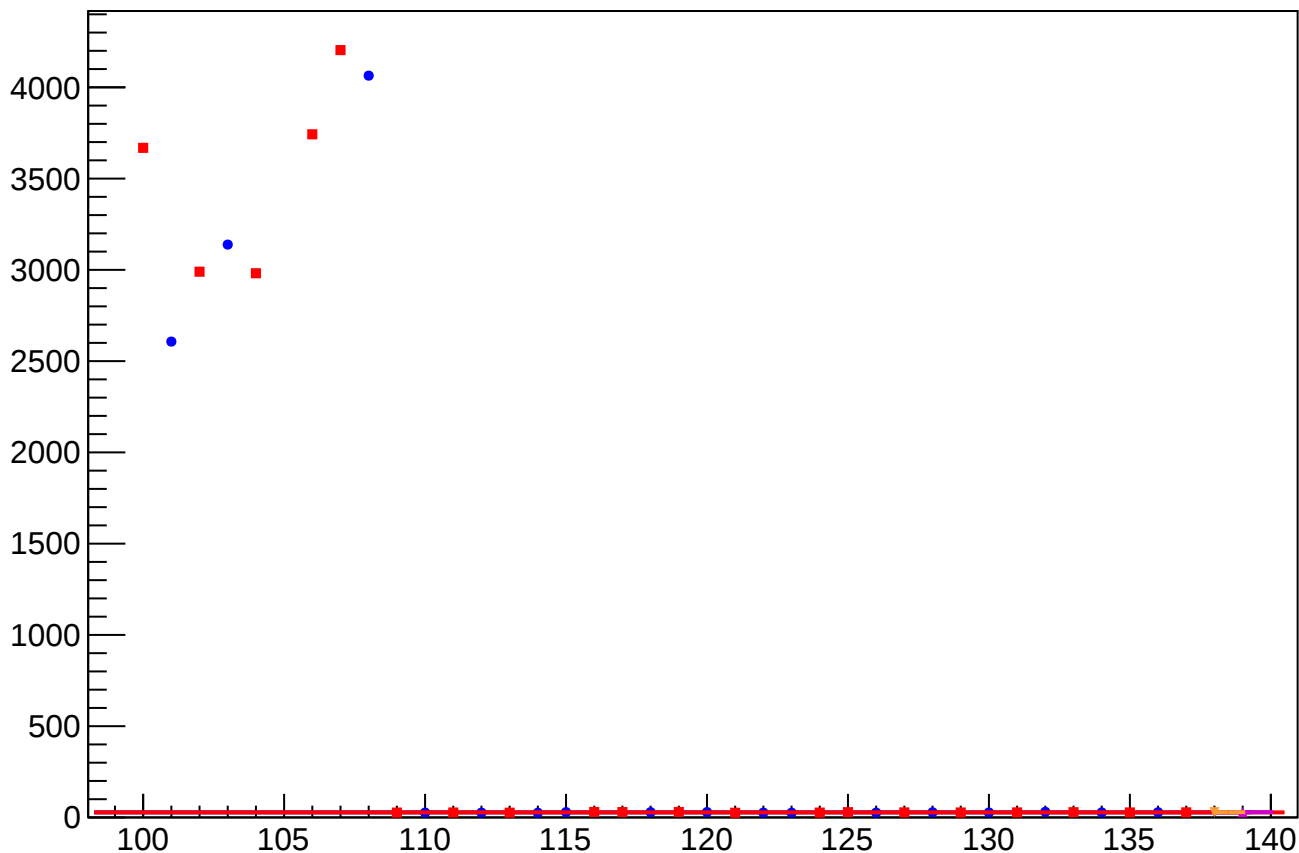
Right Out: -12.296+/-12.186 χ^2/NDF : 24.9/19

Left In: -0.225+/-34.186 χ^2/NDF : 0.0/0

12.268+/-11.543 χ^2/NDF : 18.6/17

-10.935+/-11.479 χ^2/NDF : 25.0/20

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug



Right In: 27.855+/-0.009 χ^2/NDF : 3027666.8/16

Left Out: 28.925+/-0.024 χ^2/NDF : 0.0/0

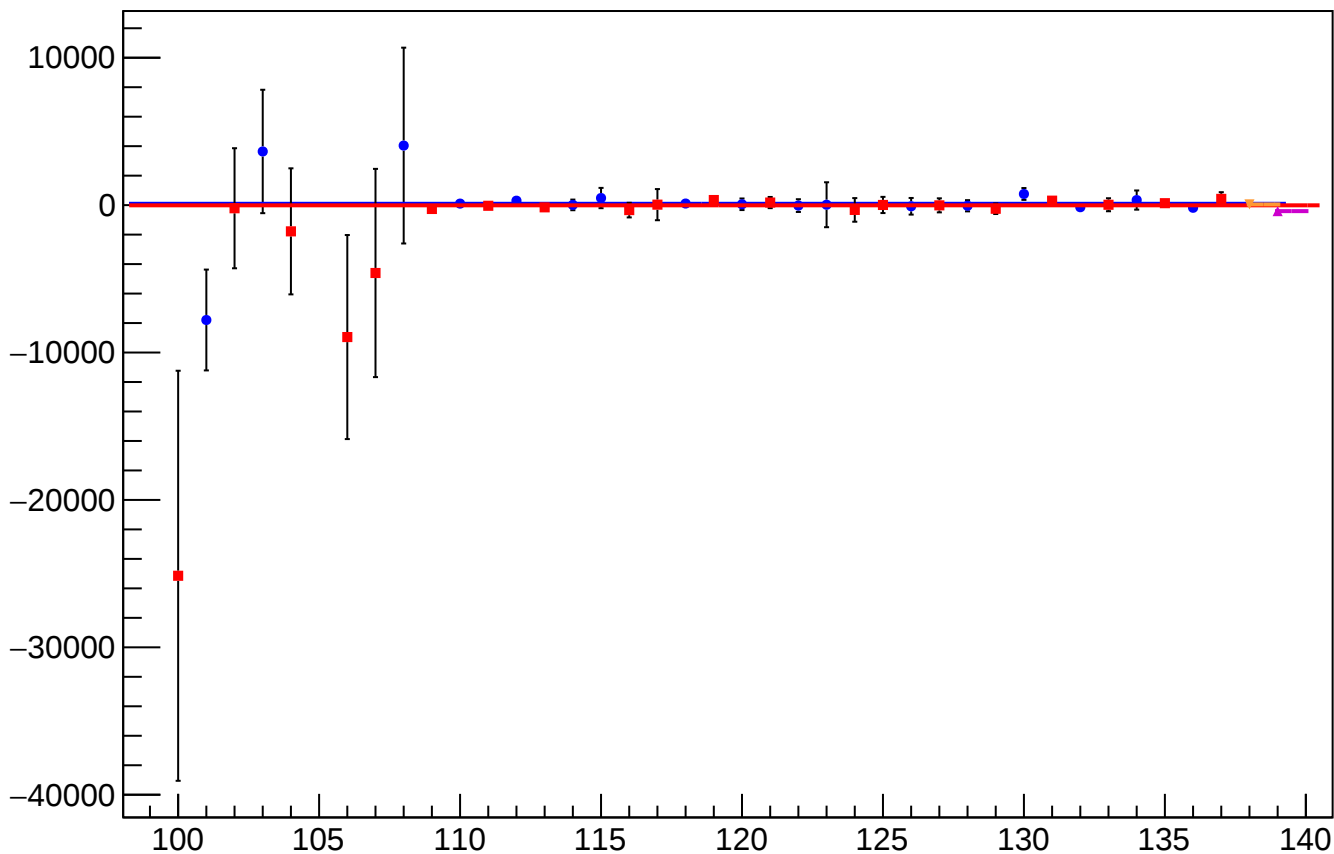
Right Out: 27.707+/-0.009 χ^2/NDF : 3477132.0/19

Left In: 29.008+/-0.024 χ^2/NDF : 0.0/0

27.980+/-0.008 χ^2/NDF : 3029439.5/17

27.854+/-0.008 χ^2/NDF : 3479699.7/20

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug



Right In: 90.773+/-88.149 χ^2/NDF : 12.8/16

Left Out: 50.837+/-255.877 χ^2/NDF : 0.0/0

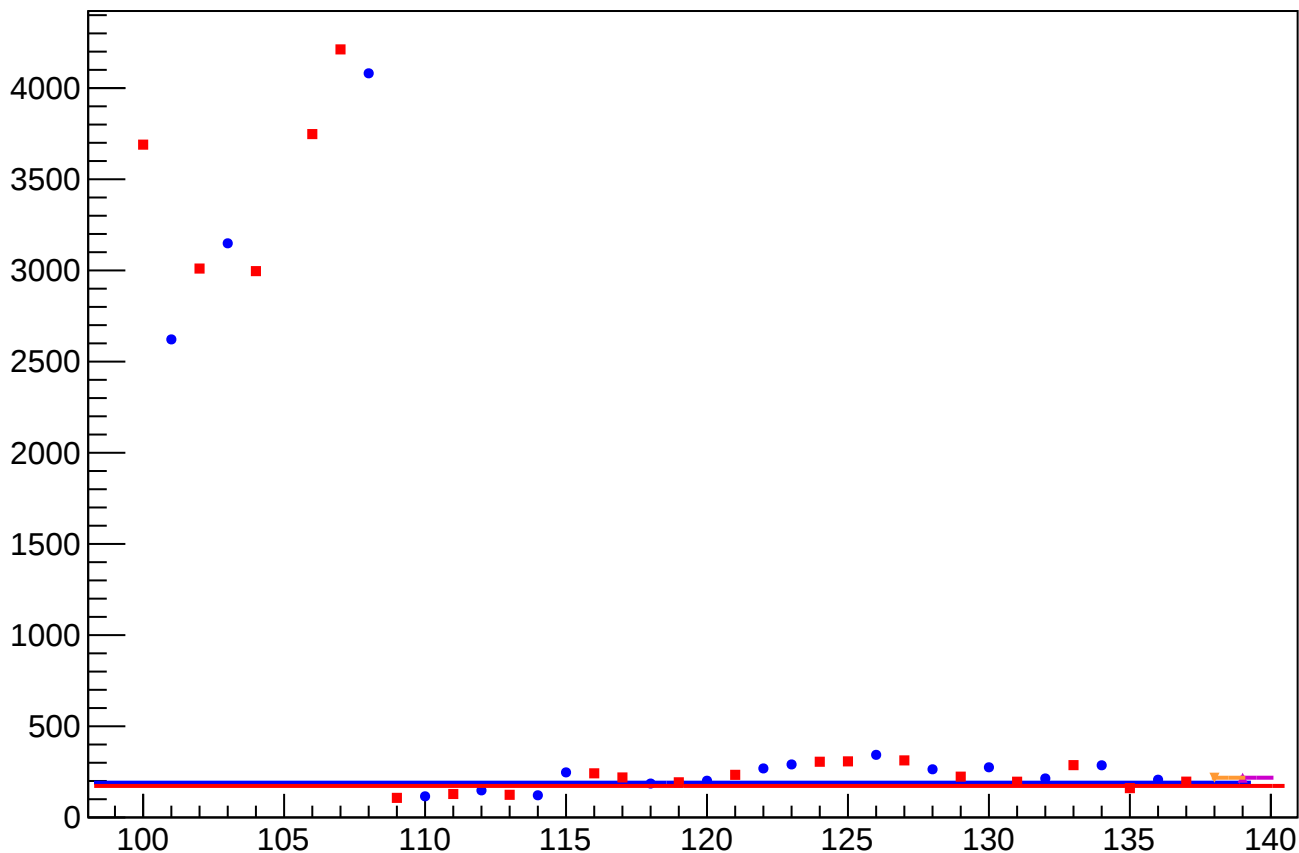
Right Out: -13.075+/-80.452 χ^2/NDF : 12.7/19

Left In: -406.898+/-259.728 χ^2/NDF : 0.0/0

86.537+/-83.342 χ^2/NDF : 12.8/17

-47.554+/-76.850 χ^2/NDF : 14.8/20

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug



Right In: 190.770+/-0.062 χ^2/NDF : 3585034.0/16

Left Out: 217.891+/-0.181 χ^2/NDF : 0.0/0

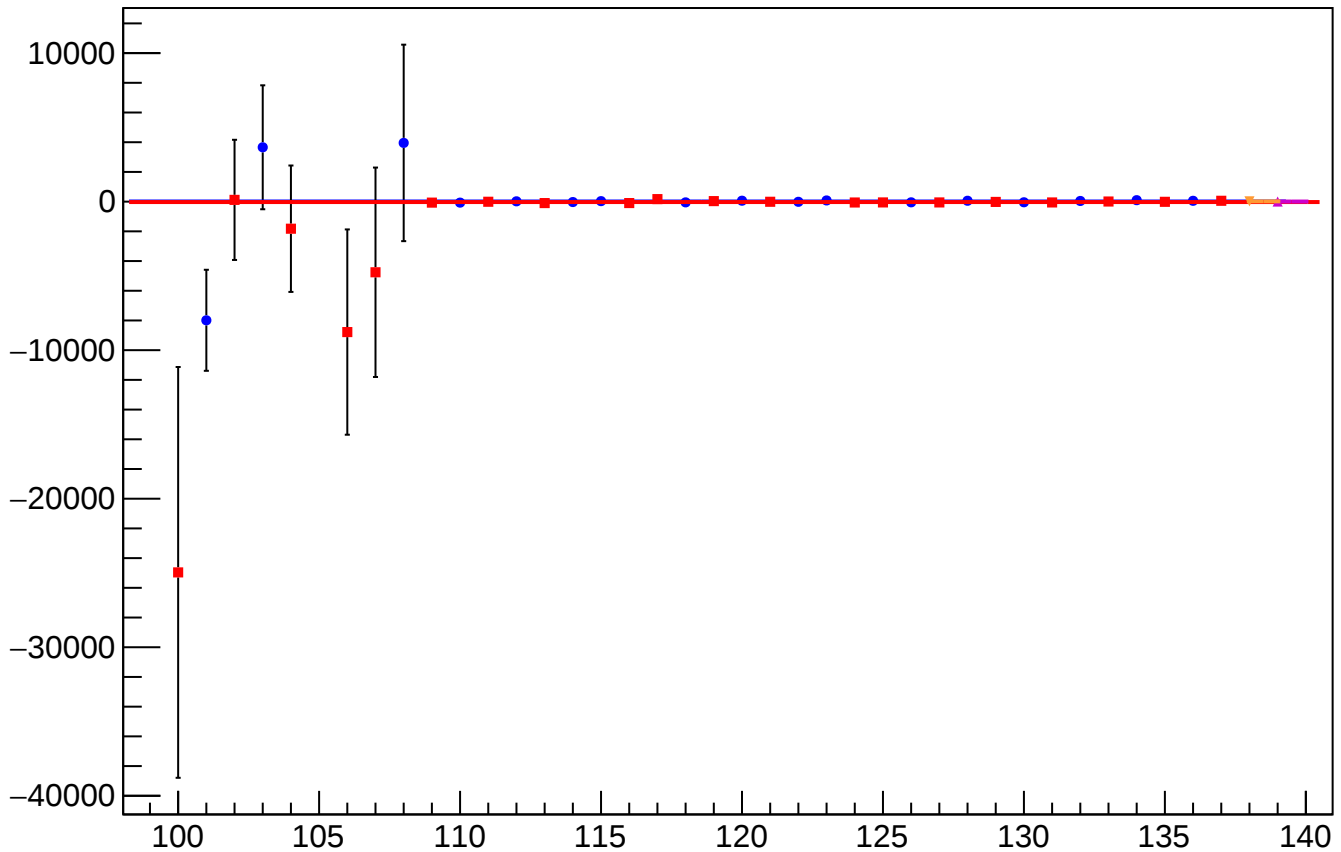
Right Out: 172.900+/-0.057 χ^2/NDF : 4222511.2/19

Left In: 217.975+/-0.184 χ^2/NDF : 0.0/0

193.647+/-0.059 χ^2/NDF : 3605119.5/17

176.846+/-0.054 χ^2/NDF : 4277475.3/20

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug



Right In: 8.600 $\pm$ 12.368 χ^2 /NDF: 23.2/16

Left Out: 19.828 $\pm$ 34.159 χ^2 /NDF:0.0/0

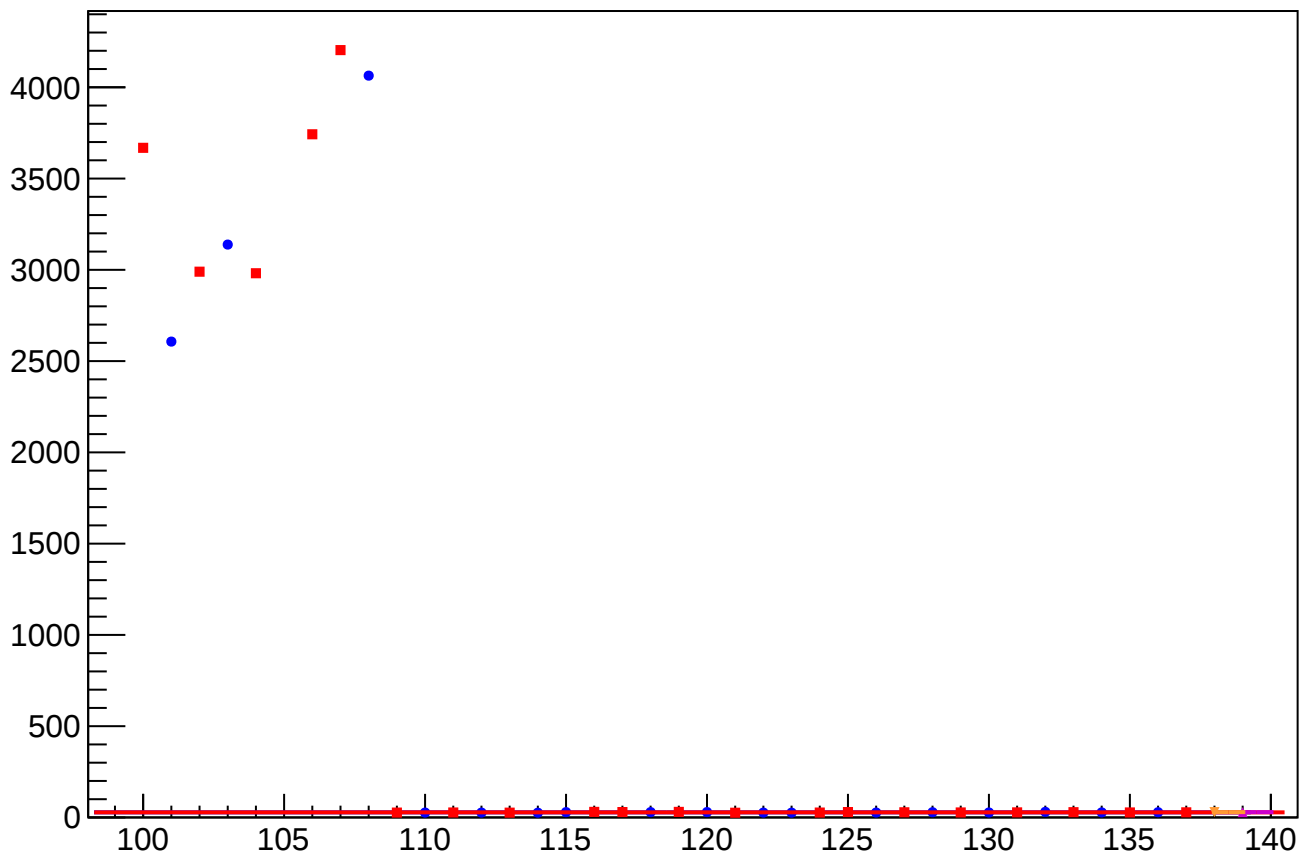
Right Out: -27.898 $\pm$ 12.287 χ^2 /NDF: 18.8/19

Left In: 6.216 $\pm$ 34.372 χ^2 /NDF:0.0/0

9.901 $\pm$ 11.629 χ^2 /NDF: 23.3/17

-24.033 $\pm$ 11.570 χ^2 /NDF: 19.7/20

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug



Right In: 28.044+/-0.009 χ^2/NDF : 3027898.7/16

Left Out: 29.249+/-0.024 χ^2/NDF : 0.0/0

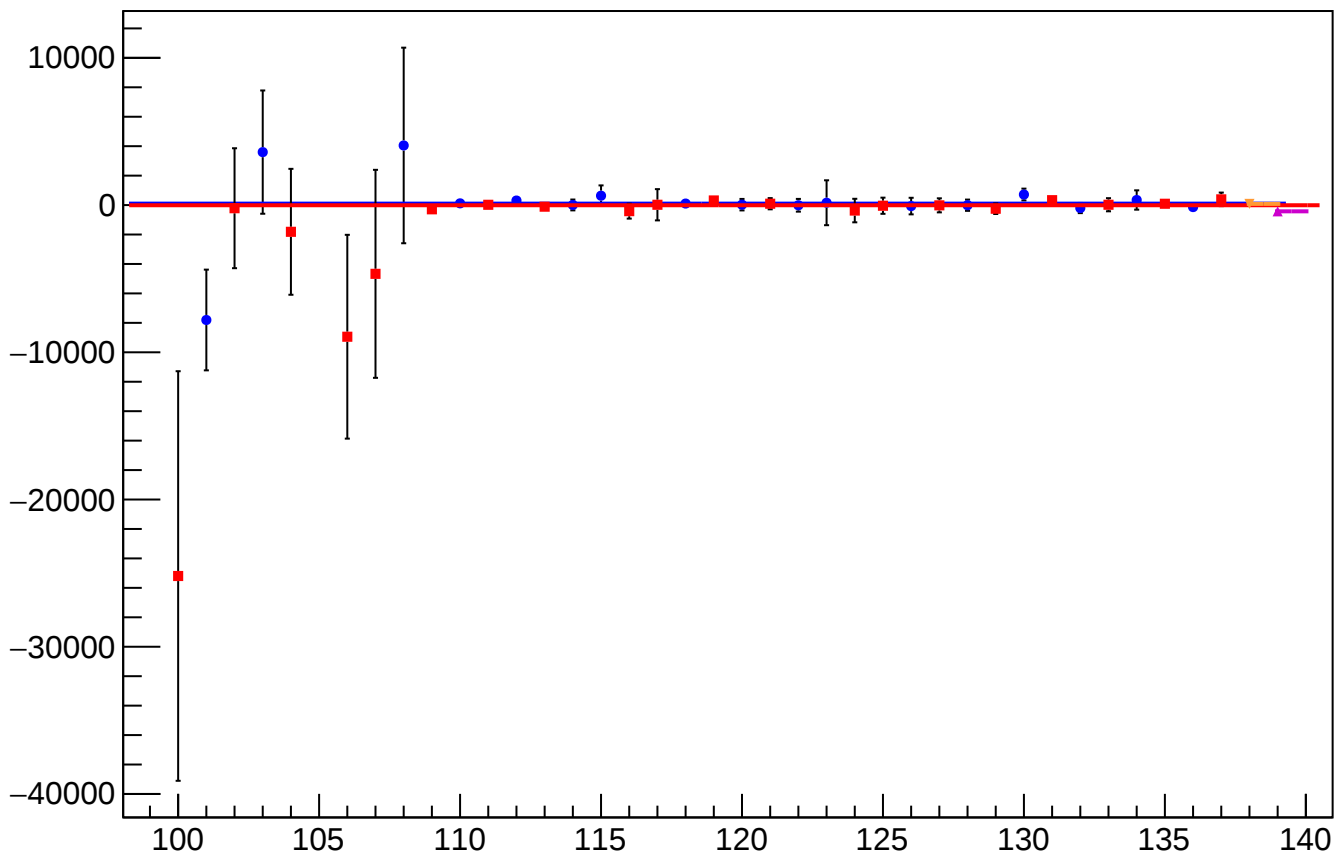
Right Out: 27.930+/-0.009 χ^2/NDF : 3479947.6/19

Left In: 29.164+/-0.024 χ^2/NDF : 0.0/0

28.183+/-0.008 χ^2/NDF : 3030097.8/17

28.070+/-0.008 χ^2/NDF : 3482234.9/20

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug



Right In: 98.142 $\pm$ 89.203 χ^2 /NDF: 12.5/16

Left Out: 80.021 $\pm$ 260.293 χ^2 /NDF: 0.0/0

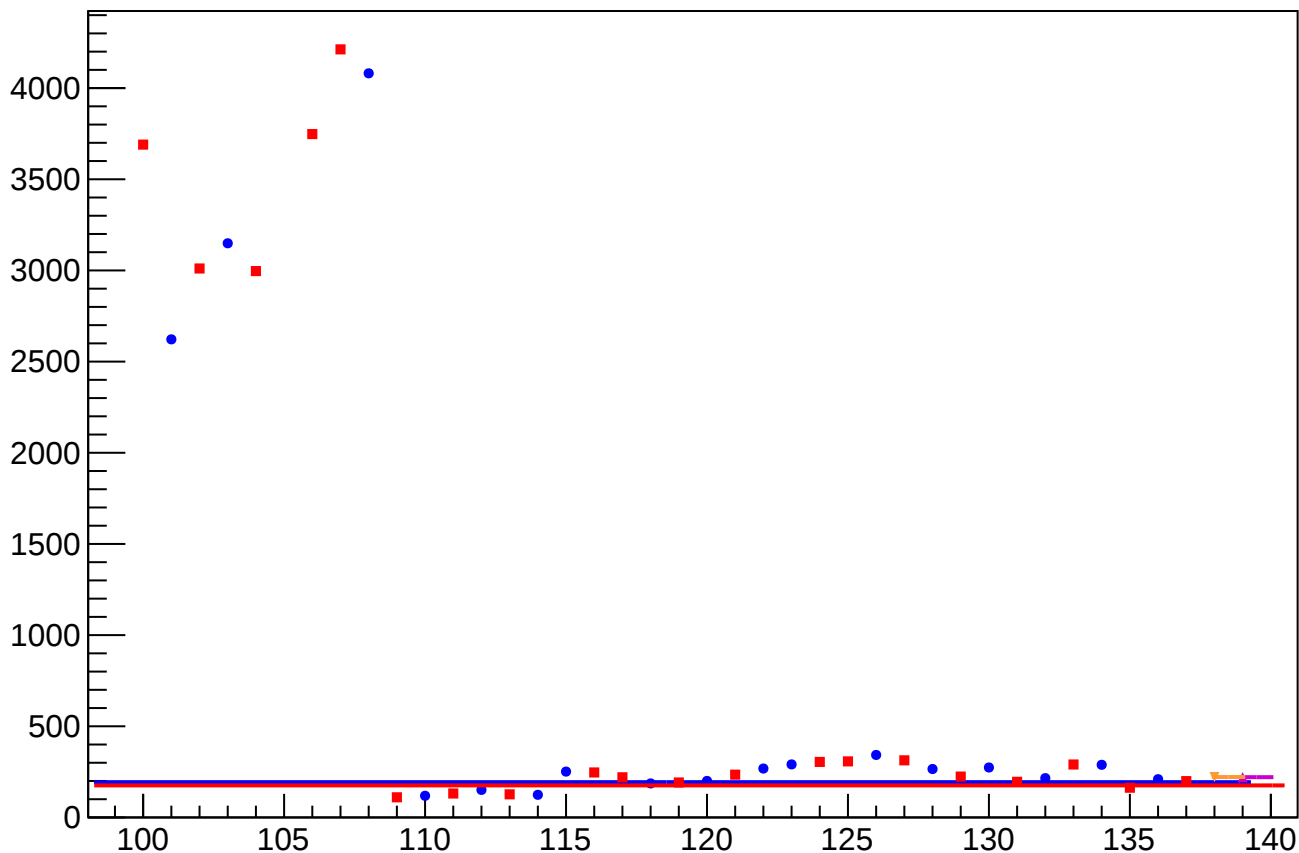
Right Out: -11.533 $\pm$ 81.530 χ^2 /NDF: 12.3/19

Left In: -424.977 $\pm$ 263.262 χ^2 /NDF: 0.0/0

96.238 $\pm$ 84.385 χ^2 /NDF: 12.5/17

-47.716 $\pm$ 77.881 χ^2 /NDF: 14.5/20

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug



Right In: 193.516+/-0.063 χ^2/NDF : 3536947.8/16

Left Out: 221.686+/-0.184 χ^2/NDF : 0.0/0

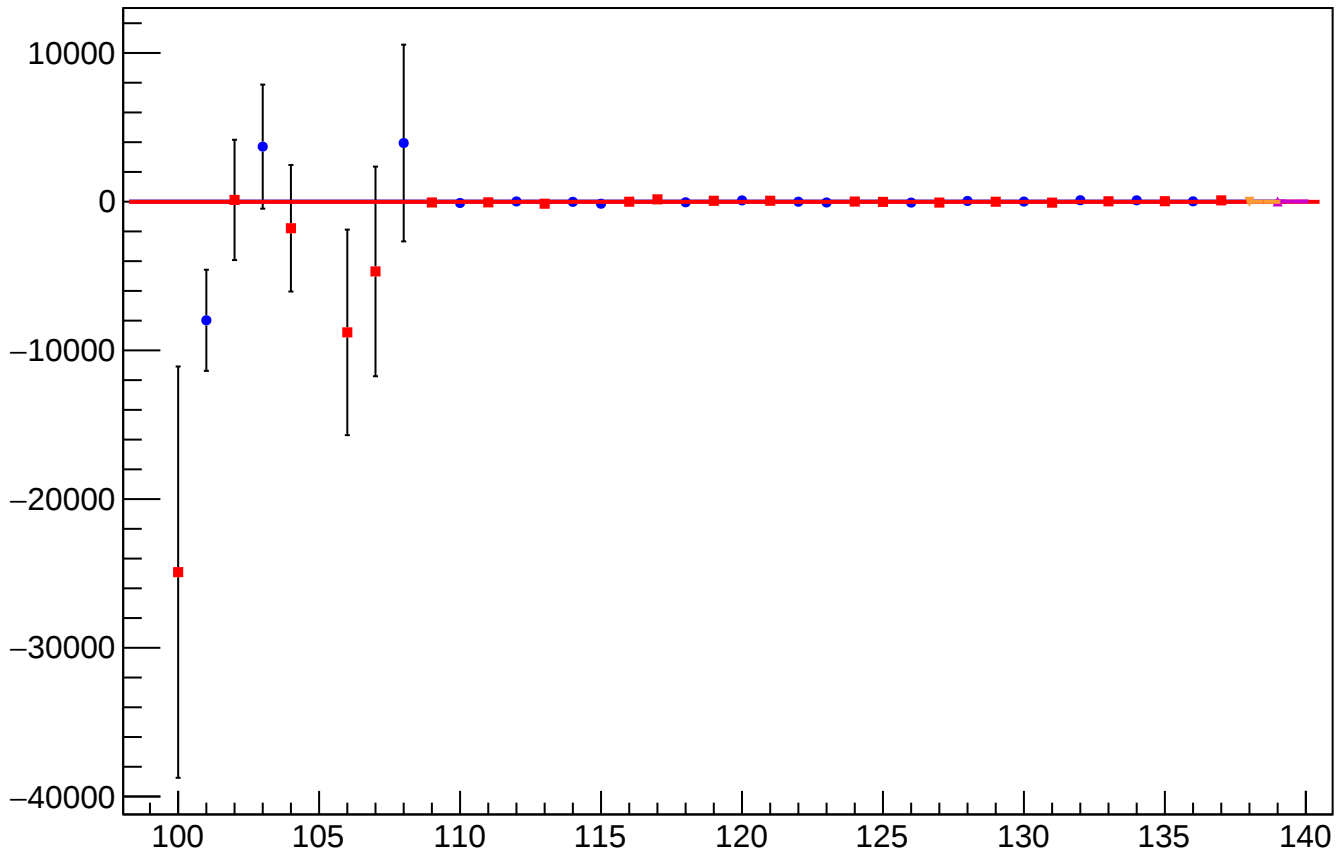
Right Out: 175.774+/-0.058 χ^2/NDF : 4169115.6/19

Left In: 220.965+/-0.186 χ^2/NDF : 0.0/0

196.477+/-0.060 χ^2/NDF : 3557909.9/17

179.729+/-0.055 χ^2/NDF : 4222892.0/20

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug



Right In: 5.565 $\pm$ 15.052 χ^2 /NDF: 20.4/16

Left Out: -8.004 $\pm$ 41.008 χ^2 /NDF:0.0/0

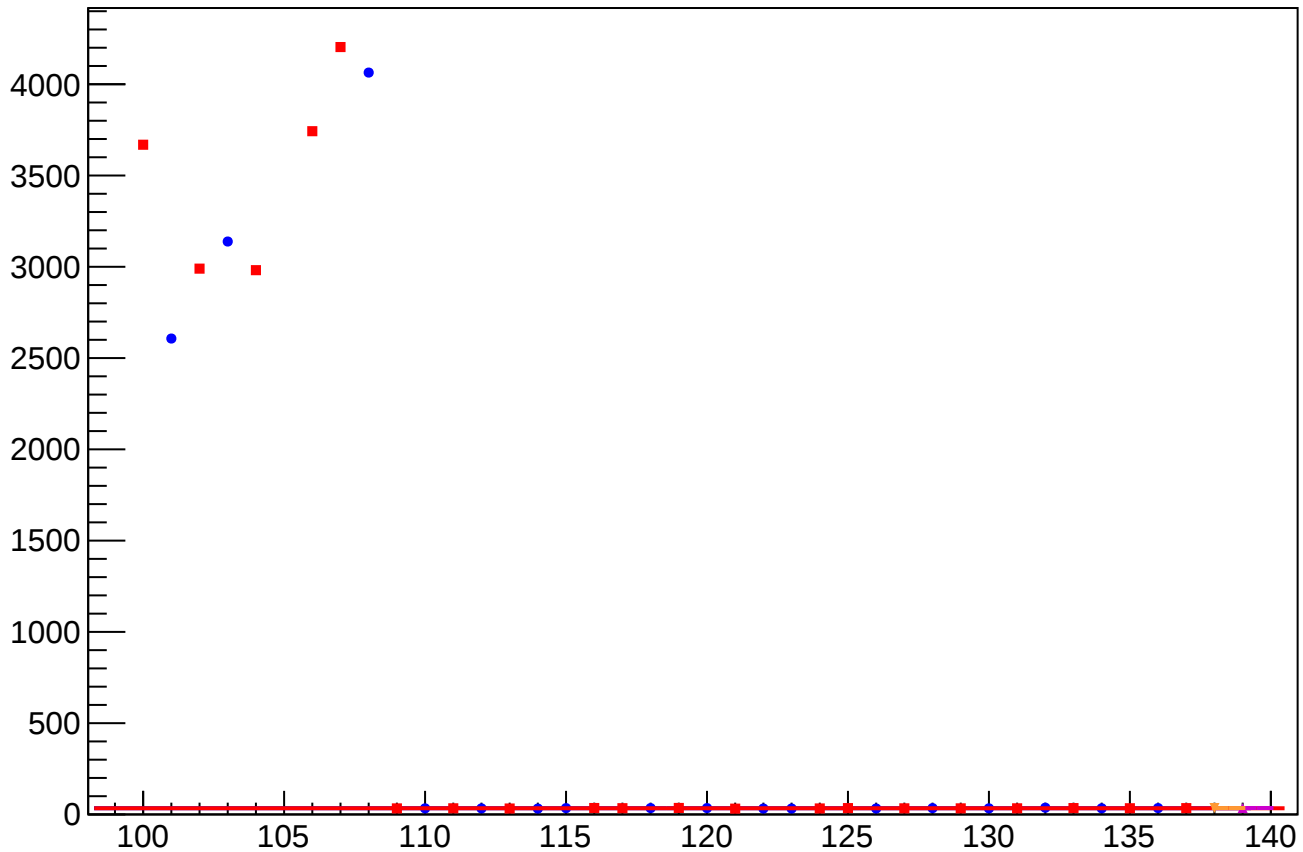
Right Out: -10.775 $\pm$ 14.891 χ^2 /NDF: 23.0/19

Left In: 18.779 $\pm$ 41.654 χ^2 /NDF:0.0/0

3.954 $\pm$ 14.130 χ^2 /NDF: 20.5/17

-7.426 $\pm$ 14.022 χ^2 /NDF: 23.4/20

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug



Right In: 34.168 $\pm$ 0.011 χ^2 /NDF: 3006512.8/16

Left Out: 35.137 $\pm$ 0.029 χ^2 /NDF: 0.0/0

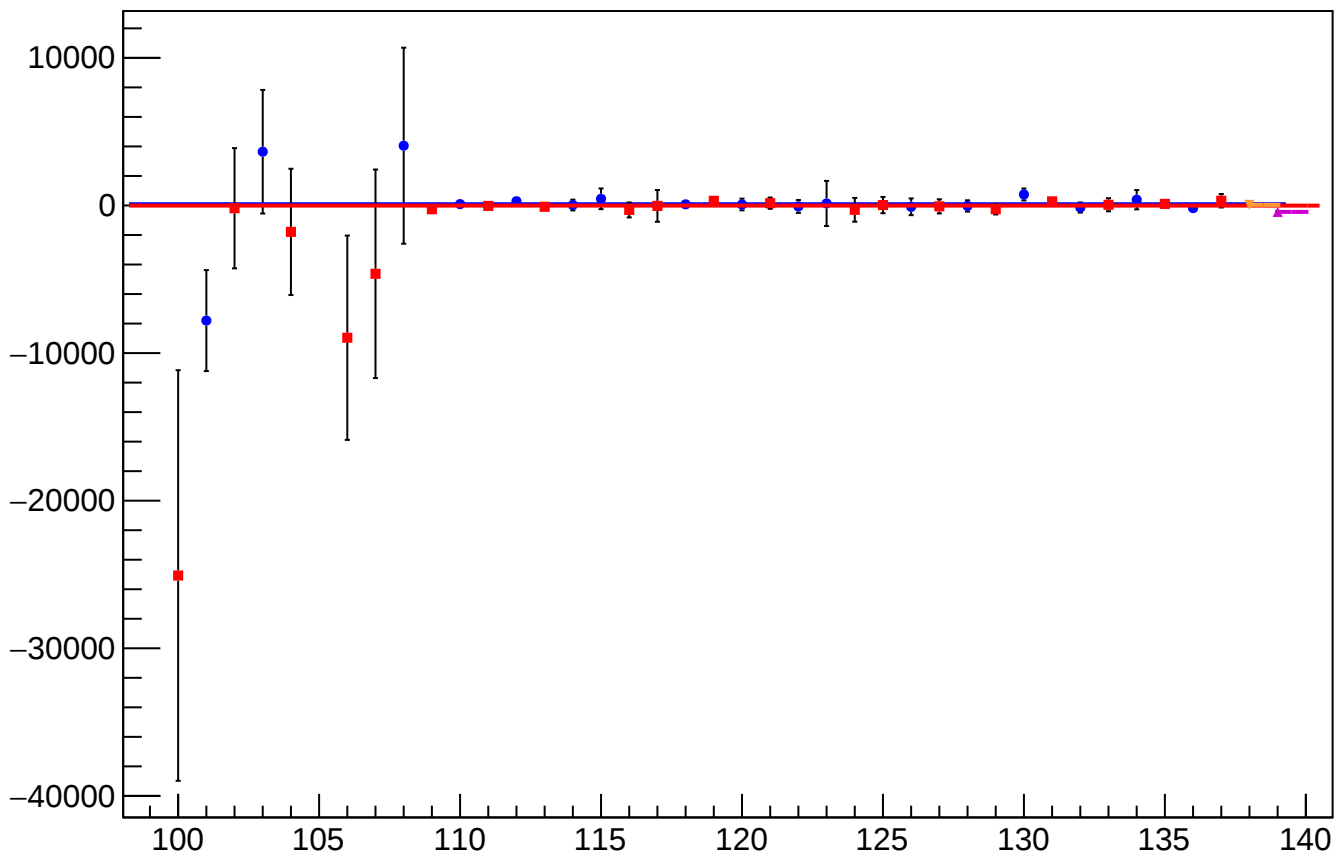
Right Out: 33.916 $\pm$ 0.011 χ^2 /NDF: 3451921.6/19

Left In: 35.400 $\pm$ 0.029 χ^2 /NDF: 0.0/0

34.283 $\pm$ 0.010 χ^2 /NDF: 3007497.4/17

34.084 $\pm$ 0.010 χ^2 /NDF: 3454175.0/20

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug



Right In: 84.504+/-88.746 χ^2/NDF : 12.5/16

Left Out: 42.430+/-257.176 χ^2/NDF : 0.0/0

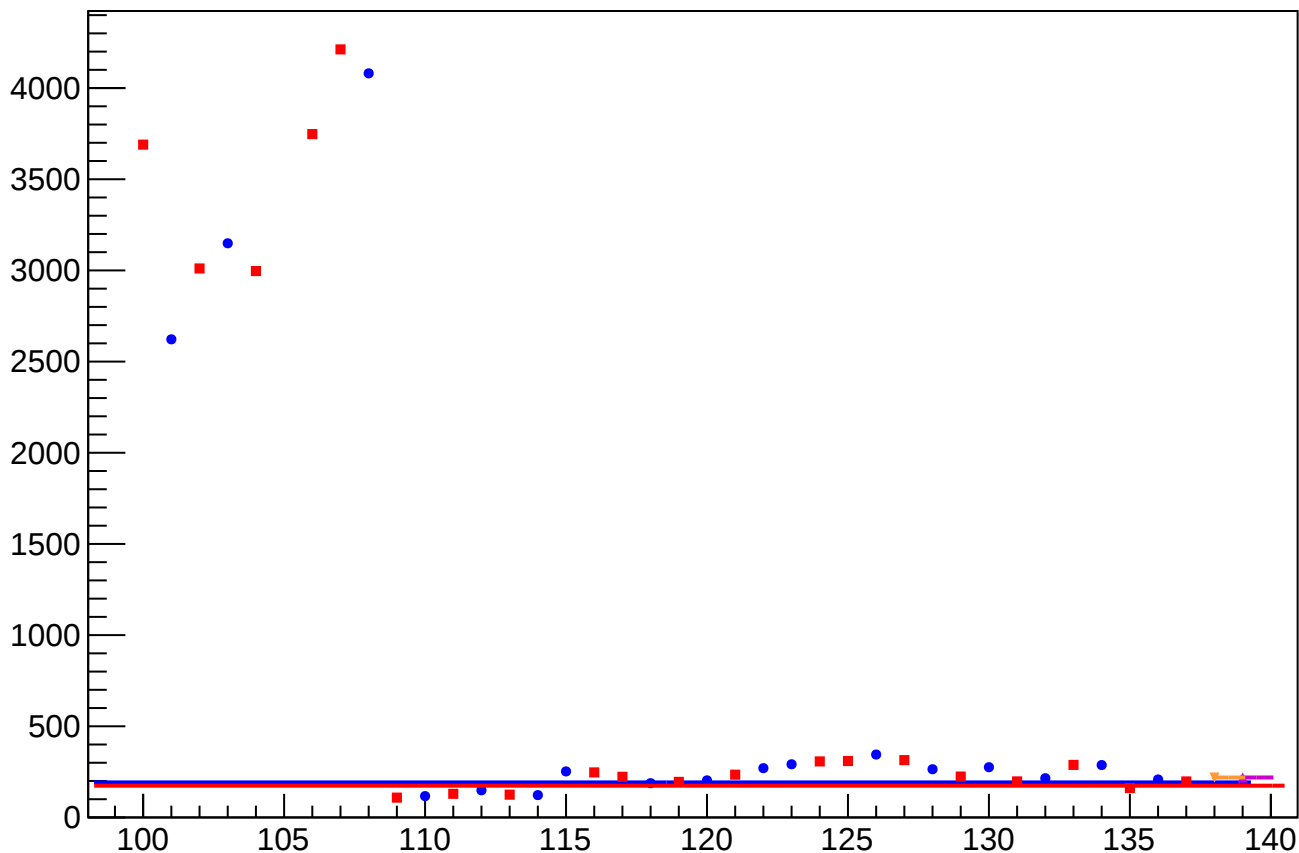
Right Out: -8.682+/-81.026 χ^2/NDF : 11.1/19

Left In: -435.747+/-261.193 χ^2/NDF : 0.0/0

80.027+/-83.892 χ^2/NDF : 12.6/17

-46.171+/-77.388 χ^2/NDF : 13.5/20

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 192.177+/-0.063 χ^2/NDF : 3574617.3/16

Left Out: 218.997+/-0.182 χ^2/NDF : 0.0/0

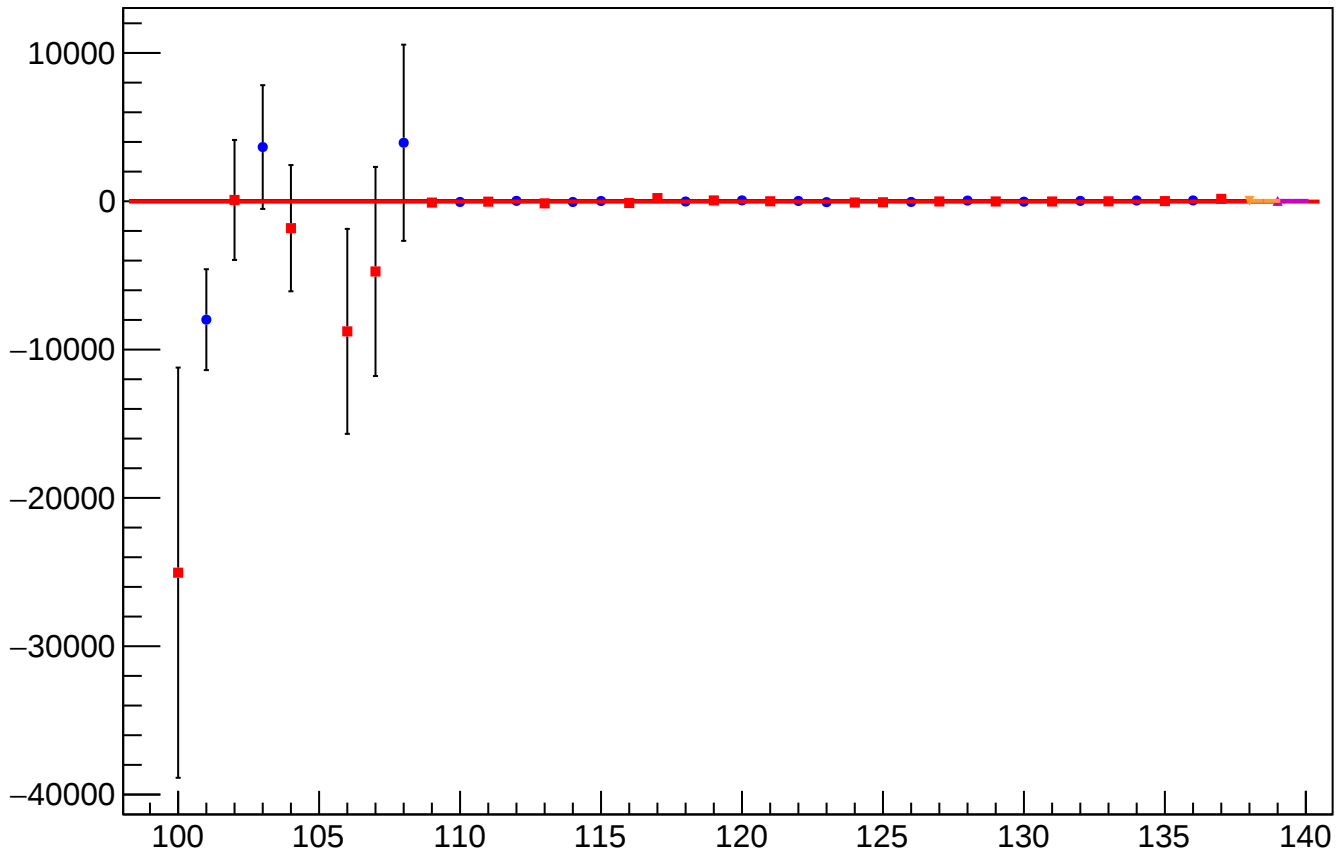
Right Out: 174.240+/-0.057 χ^2/NDF : 4215763.8/19

Left In: 219.204+/-0.185 χ^2/NDF : 0.0/0

195.031+/-0.059 χ^2/NDF : 3594053.7/17

178.187+/-0.055 χ^2/NDF : 4269833.3/20

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 12.751+/-13.723 χ^2/NDF : 14.6/16

Left Out: 27.306+/-37.177 χ^2/NDF : 0.0/0

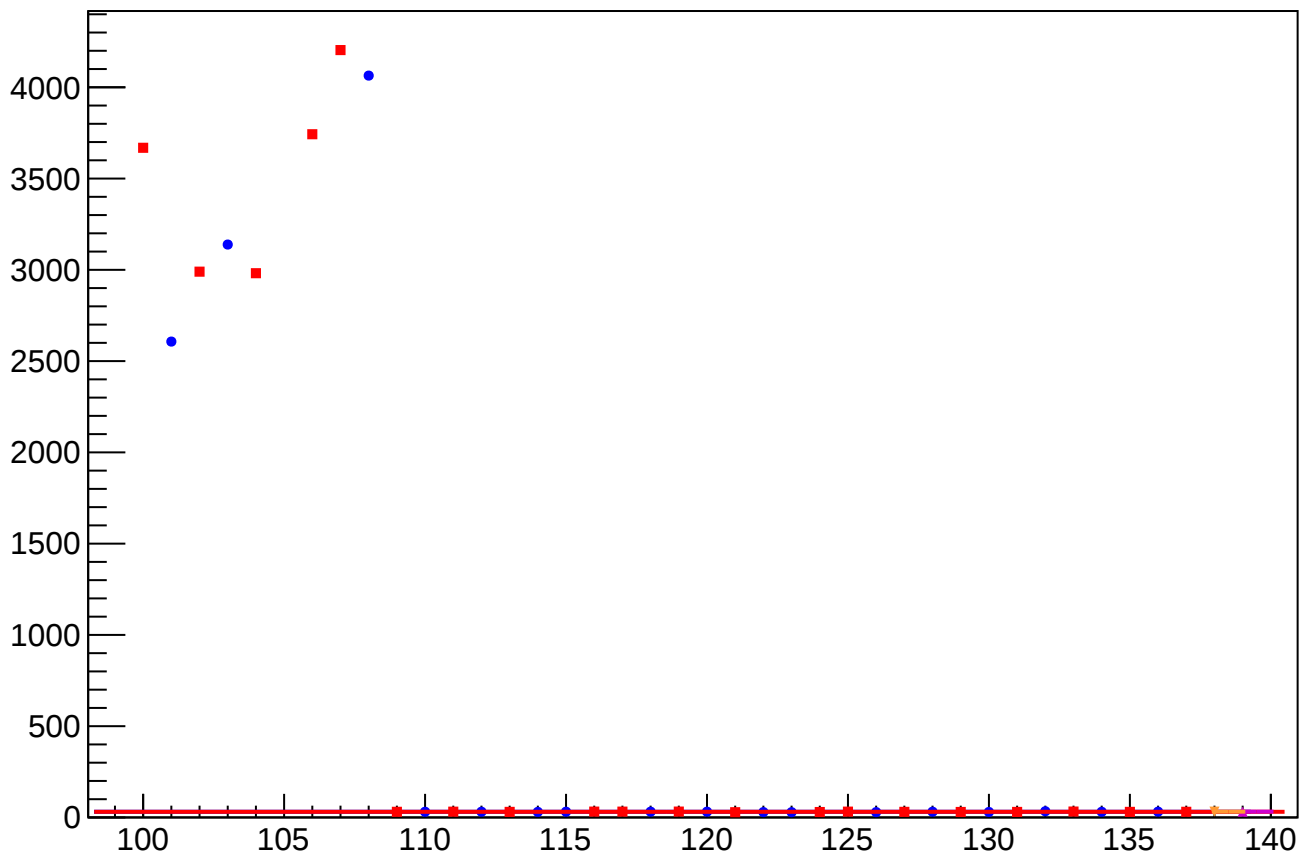
Right Out: -20.740+/-13.606 χ^2/NDF : 30.4/19

Left In: 28.279+/-37.565 χ^2/NDF : 0.0/0

14.496+/-12.874 χ^2/NDF : 14.8/17

-15.055+/-12.793 χ^2/NDF : 31.9/20

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 31.153+/-0.010 χ^2/NDF : 3014515.0/16

Left Out: 31.847+/-0.026 χ^2/NDF : 0.0/0

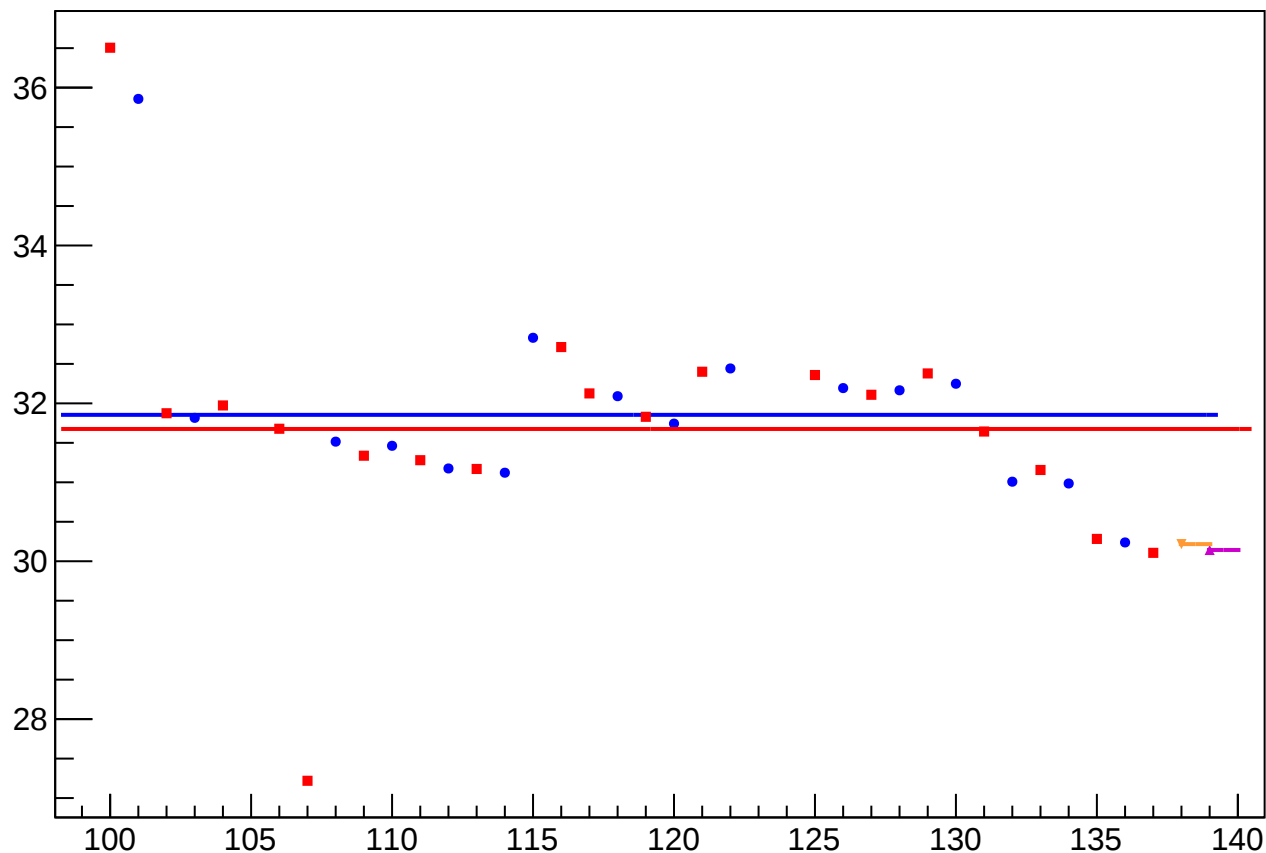
Right Out: 30.970+/-0.010 χ^2/NDF : 3458998.2/19

Left In: 31.901+/-0.027 χ^2/NDF : 0.0/0

31.236+/-0.009 χ^2/NDF : 3015128.8/17

31.078+/-0.009 χ^2/NDF : 3460084.3/20

yield_usl_mean vs Slug



Right In: 31.855 ± 0.000 χ^2/NDF : 1570522165.5/15

Left Out: 30.217 ± 0.000 χ^2/NDF : 0.0/0

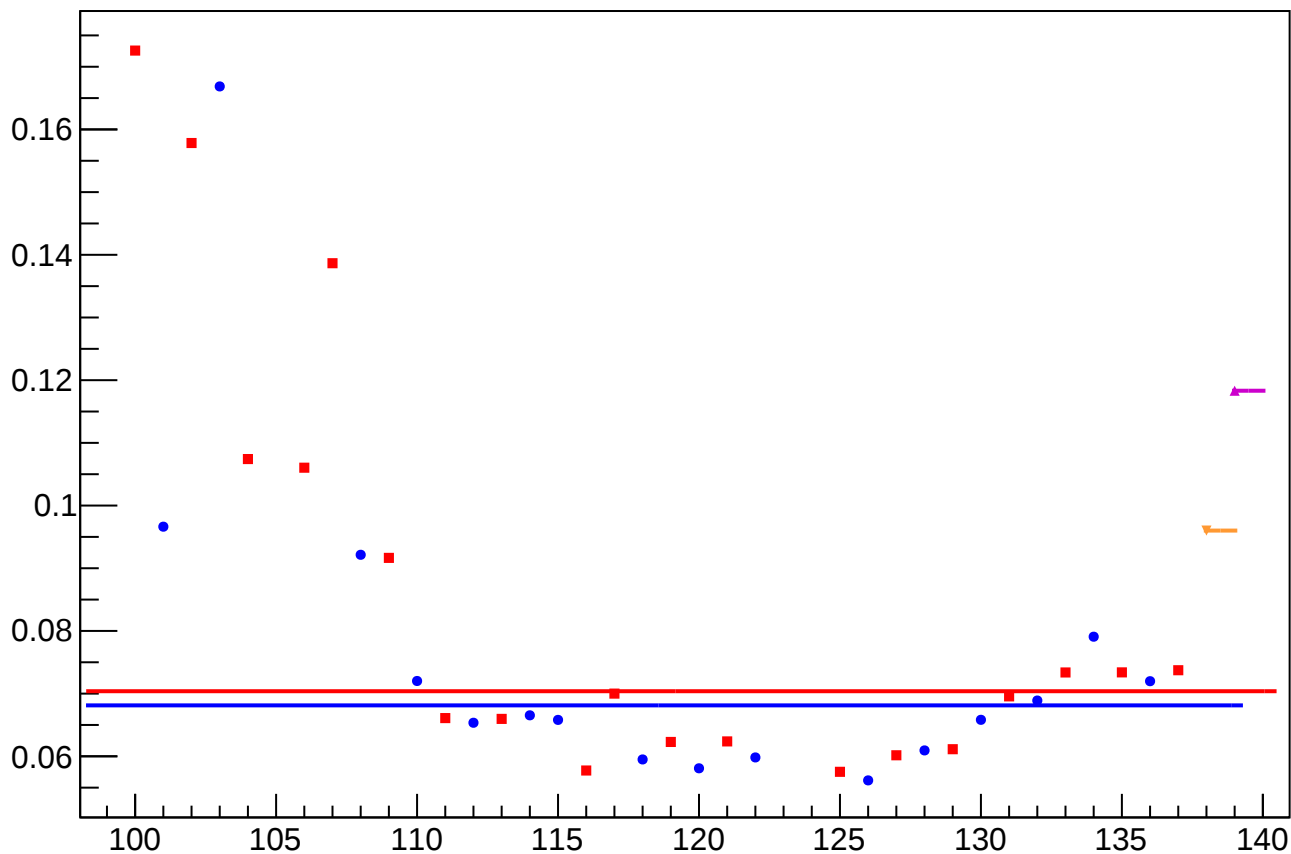
Right Out: 31.676 ± 0.000 χ^2/NDF : 919678295.7/18

Left In: 30.143 ± 0.000 χ^2/NDF : 0.0/0

31.764 ± 0.000 χ^2/NDF : 1755447894.7/16

31.615 ± 0.000 χ^2/NDF : 1031812355.5/19

yield_usl_rms vs Slug



Right In: 0.068 $\pm$ 0.000 χ^2 /NDF: 629767.4/15

Left Out: 0.096 $\pm$ 0.000 χ^2 /NDF: 0.0/0

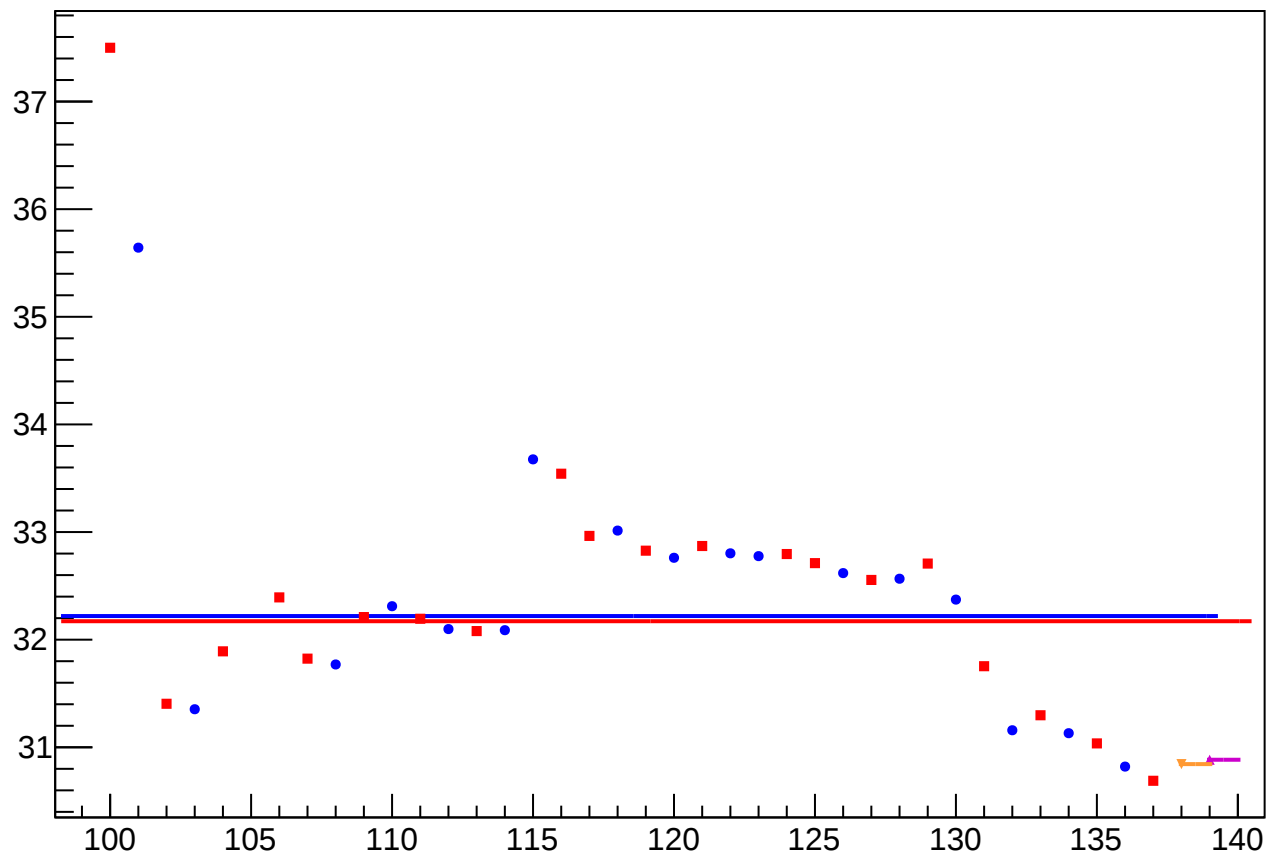
Right Out: 0.070 $\pm$ 0.000 χ^2 /NDF: 841322.7/18

Left In: 0.118 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.070 $\pm$ 0.000 χ^2 /NDF: 737013.7/16

0.072 $\pm$ 0.000 χ^2 /NDF: 1060623.2/19

yield_usr_mean vs Slug



Right In: 32.220+/-0.000 χ^2/NDF : 1013864543.3/16

Left Out: 30.844+/-0.000 χ^2/NDF : 0.0/0

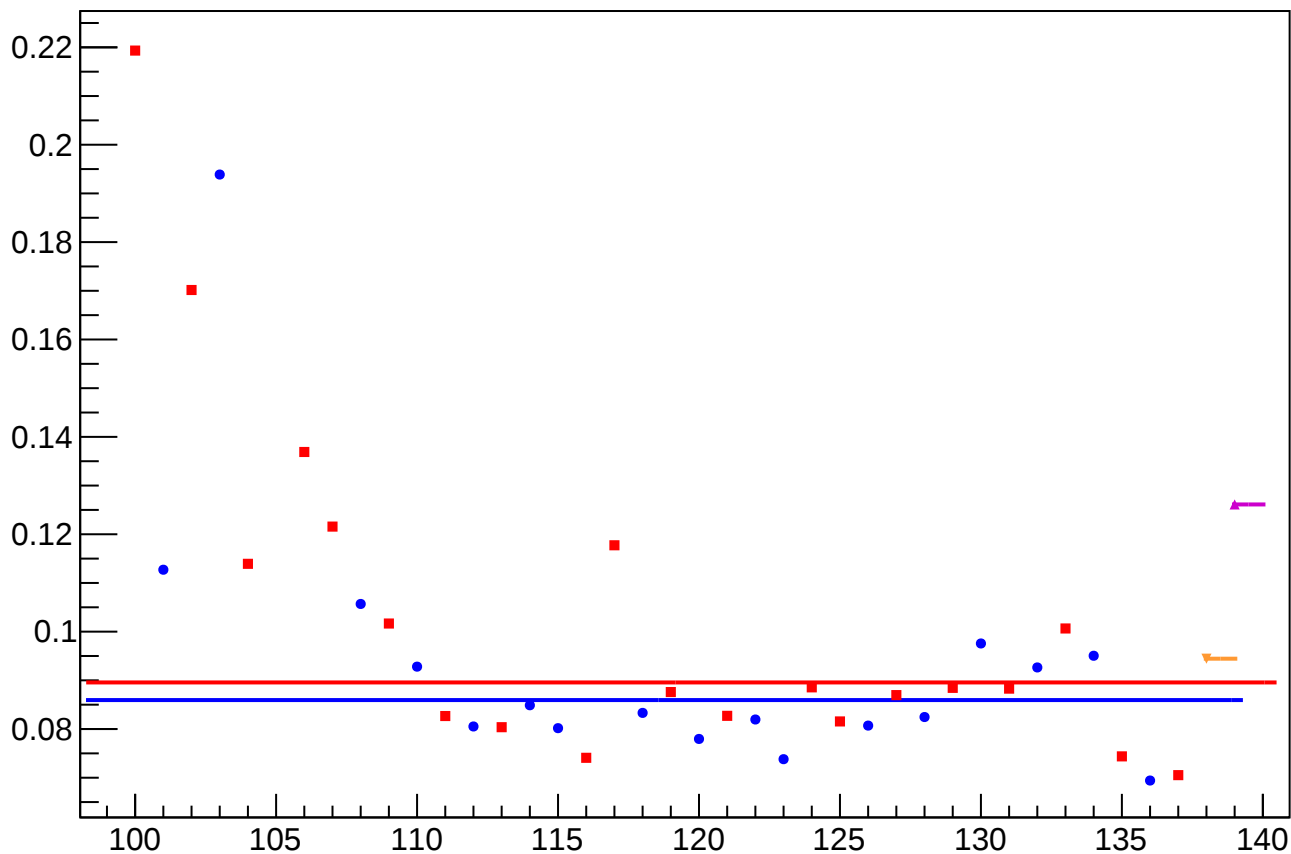
Right Out: 32.171+/-0.000 χ^2/NDF : 444137990.6/19

Left In: 30.884+/-0.000 χ^2/NDF : 0.0/0

32.101+/-0.000 χ^2/NDF : 1142014933.3/17

32.101+/-0.000 χ^2/NDF : 513558224.4/20

yield_usr_rms vs Slug



Right In: 0.086 $\pm$ 0.000 χ^2 /NDF: 553280.3/16

Left Out: 0.094 $\pm$ 0.000 χ^2 /NDF: 0.0/0

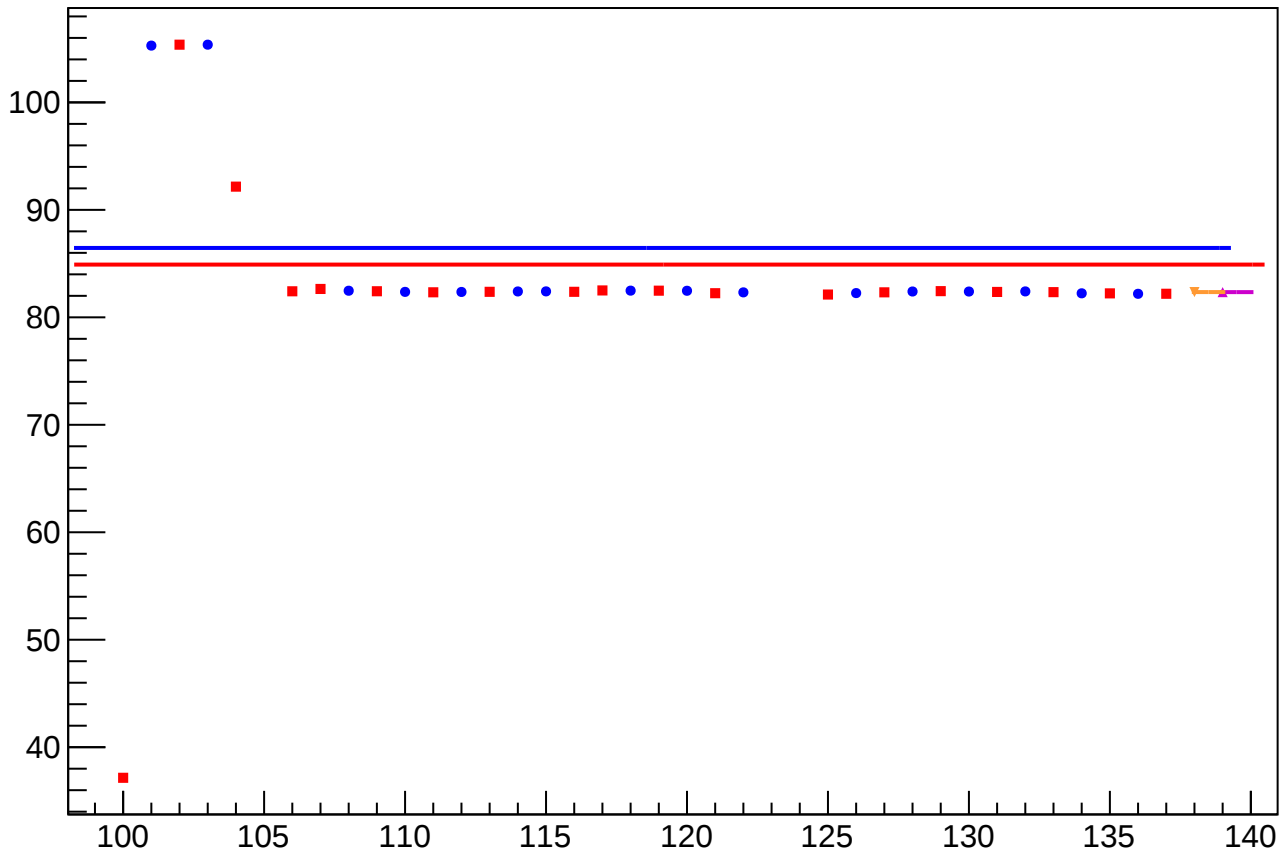
Right Out: 0.090 $\pm$ 0.000 χ^2 /NDF: 544516.7/19

Left In: 0.126 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.087 $\pm$ 0.000 χ^2 /NDF: 563061.2/17

0.092 $\pm$ 0.000 χ^2 /NDF: 656500.6/20

yield_dsl_mean vs Slug



Right In: 86.457+/-0.000 χ^2/NDF : 291421048436.2/15

Left Out: 82.350+/-0.000 χ^2/NDF : 0.0/0

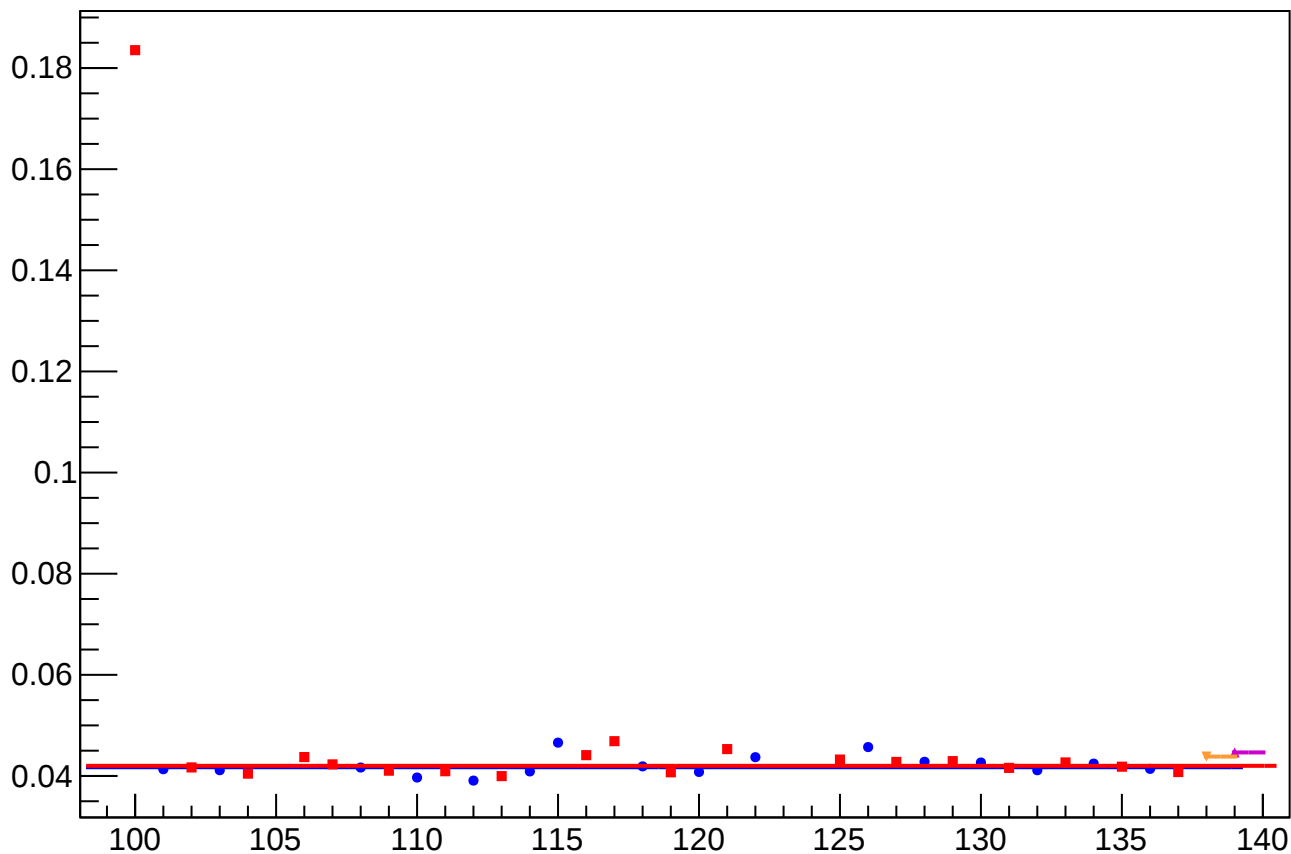
Right Out: 84.908+/-0.000 χ^2/NDF : 172306803858.3/18

Left In: 82.346+/-0.000 χ^2/NDF : 0.0/0

86.082+/-0.000 χ^2/NDF : 297217862381.5/16

84.694+/-0.000 χ^2/NDF : 174460399075.2/19

yield_dsl_rms vs Slug



Right In: 0.042+/-0.000 χ^2/NDF : 18887.0/15

Left Out: 0.044+/-0.000 χ^2/NDF : 0.0/0

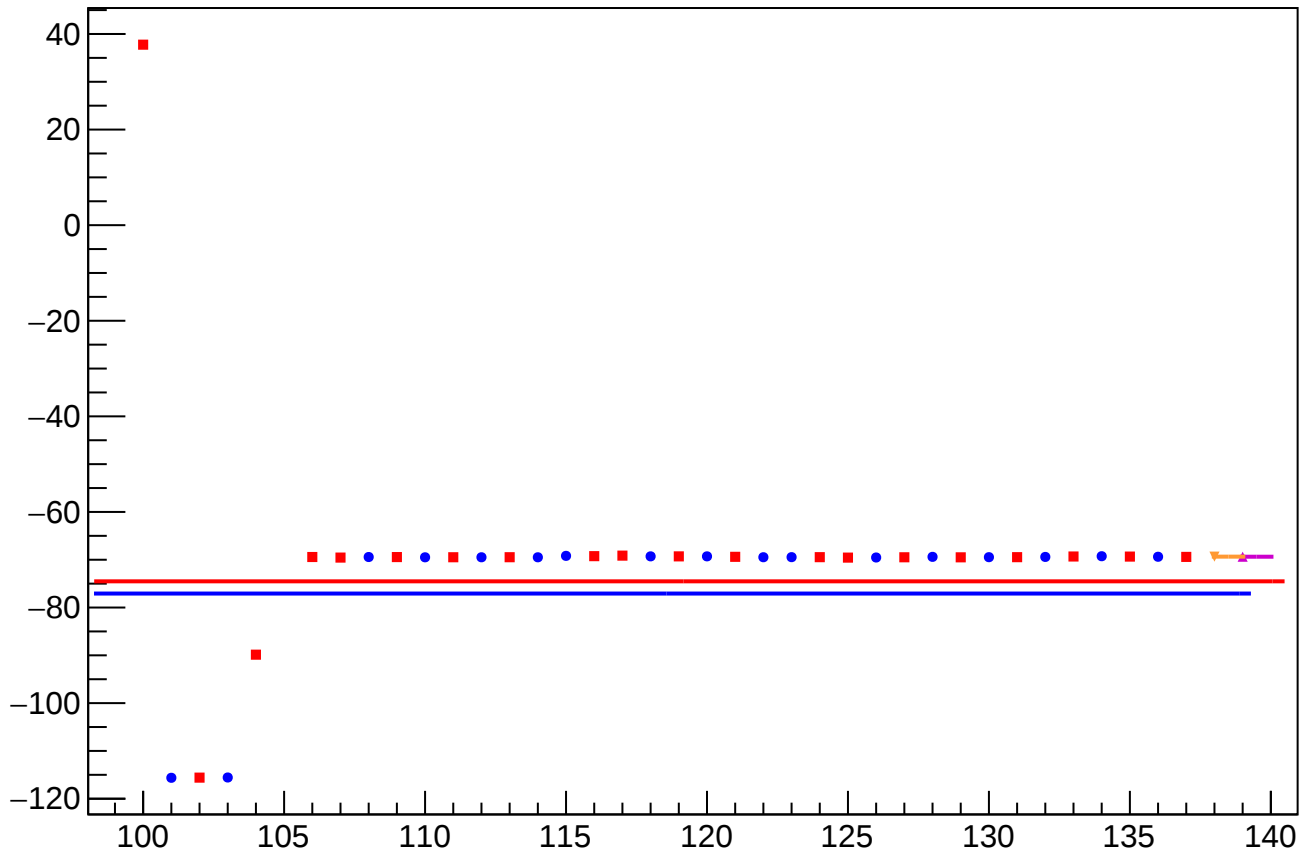
Right Out: 0.042+/-0.000 χ^2/NDF : 97785.5/18

Left In: 0.045+/-0.000 χ^2/NDF : 0.0/0

0.042+/-0.000 χ^2/NDF : 21938.5/16

0.042+/-0.000 χ^2/NDF : 102389.8/19

yield_dsr_mean vs Slug



Right In: -77.074+/-0.000 χ^2/NDF : 565391865606.1/16

Left Out: -69.352+/-0.000 χ^2/NDF : 0.0/0

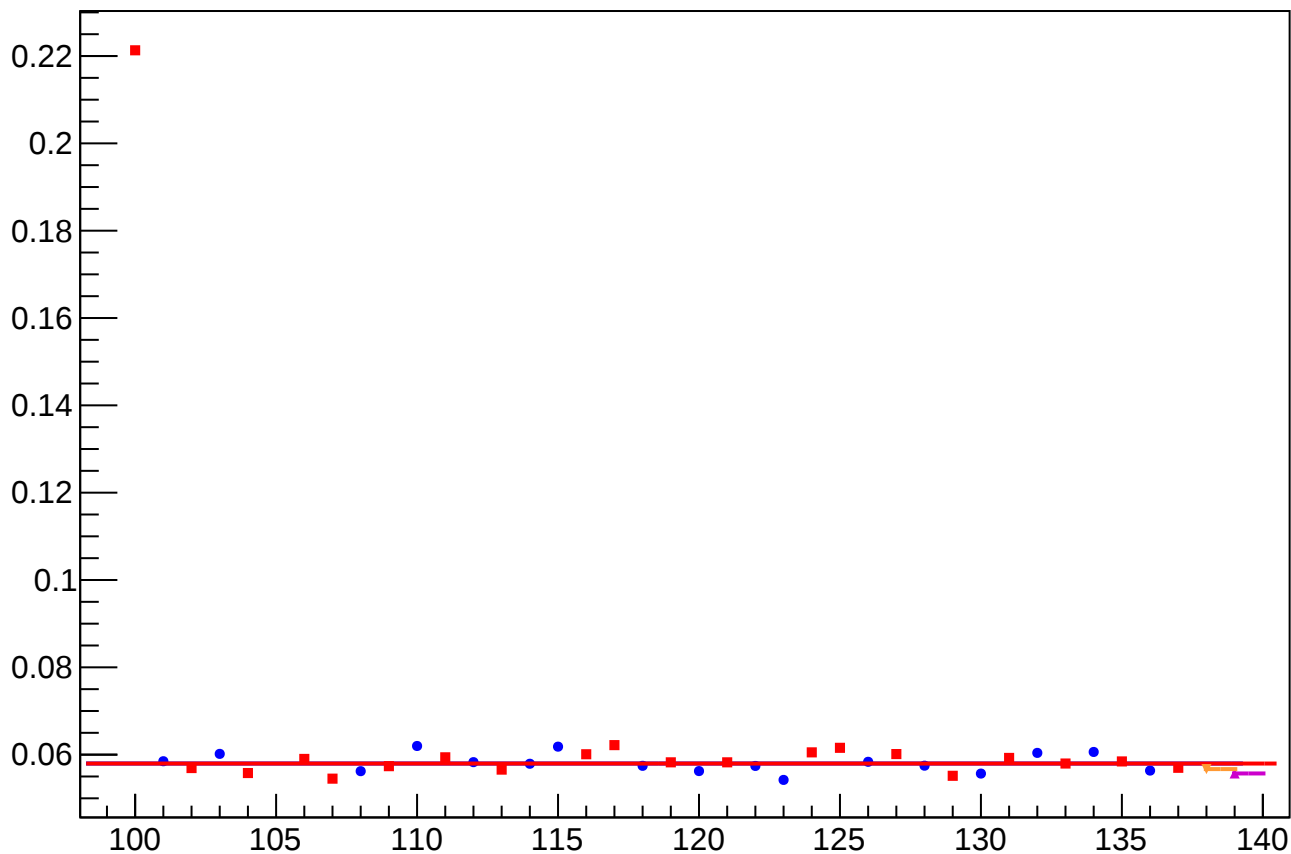
-76.277+/-0.000 χ^2/NDF : 577176905029.3/17

Right Out: -74.518+/-0.000 χ^2/NDF : 372210051226.2/19

-74.006+/-0.000 χ^2/NDF : 377617253935.8/20

Left In: -69.368+/-0.000 χ^2/NDF : 0.0/0

yield_dsr_rms vs Slug



Right In: 0.058+/-0.000 χ^2/NDF : 12275.6/16

Left Out: 0.057+/-0.000 χ^2/NDF : 0.0/0

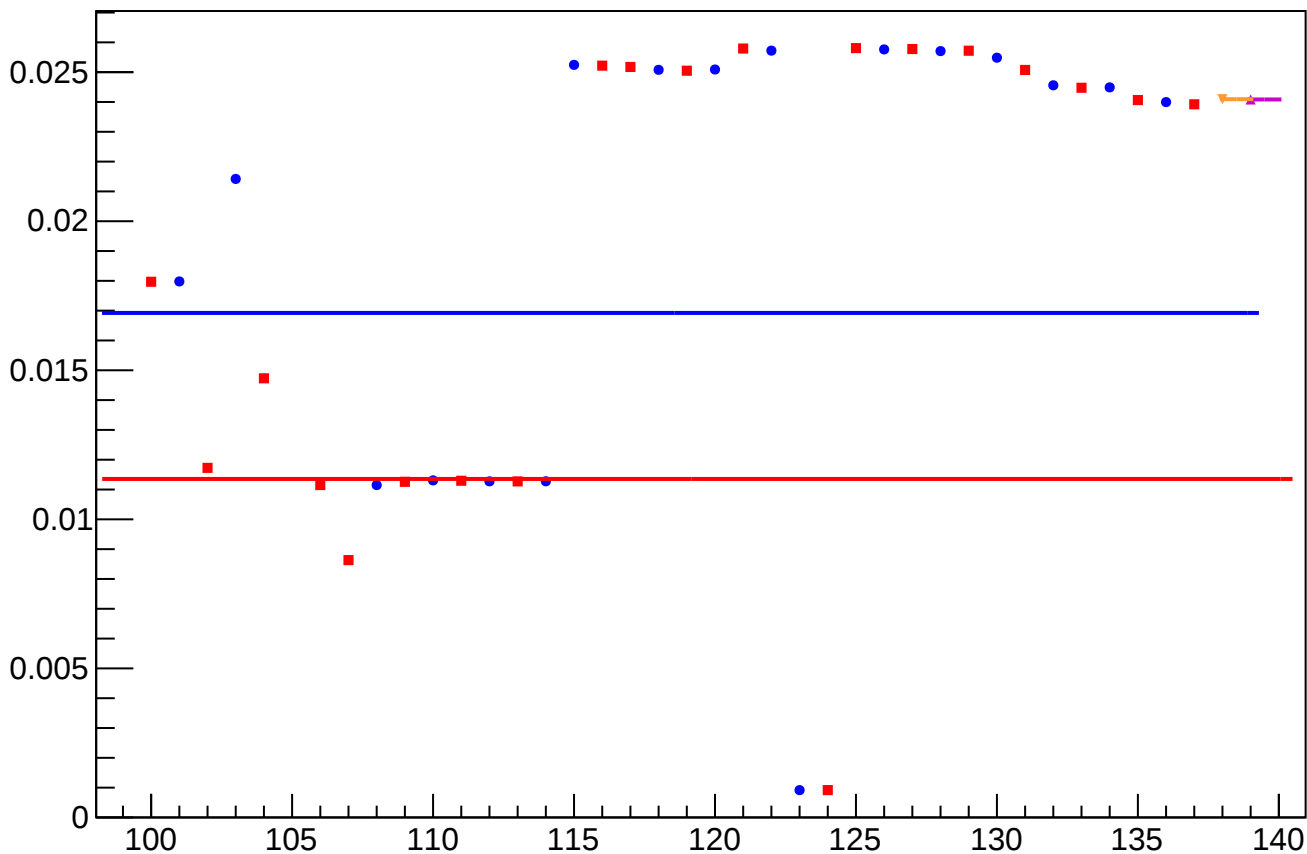
Right Out: 0.058+/-0.000 χ^2/NDF : 86860.7/19

Left In: 0.056+/-0.000 χ^2/NDF : 0.0/0

0.058+/-0.000 χ^2/NDF : 12921.4/17

0.058+/-0.000 χ^2/NDF : 88963.8/20

yield_atl1_mean vs Slug



Right In: 0.017+/-0.000 χ^2/NDF : 126447785006.7/16

Left Out: 0.024+/-0.000 χ^2/NDF : 0.0/0

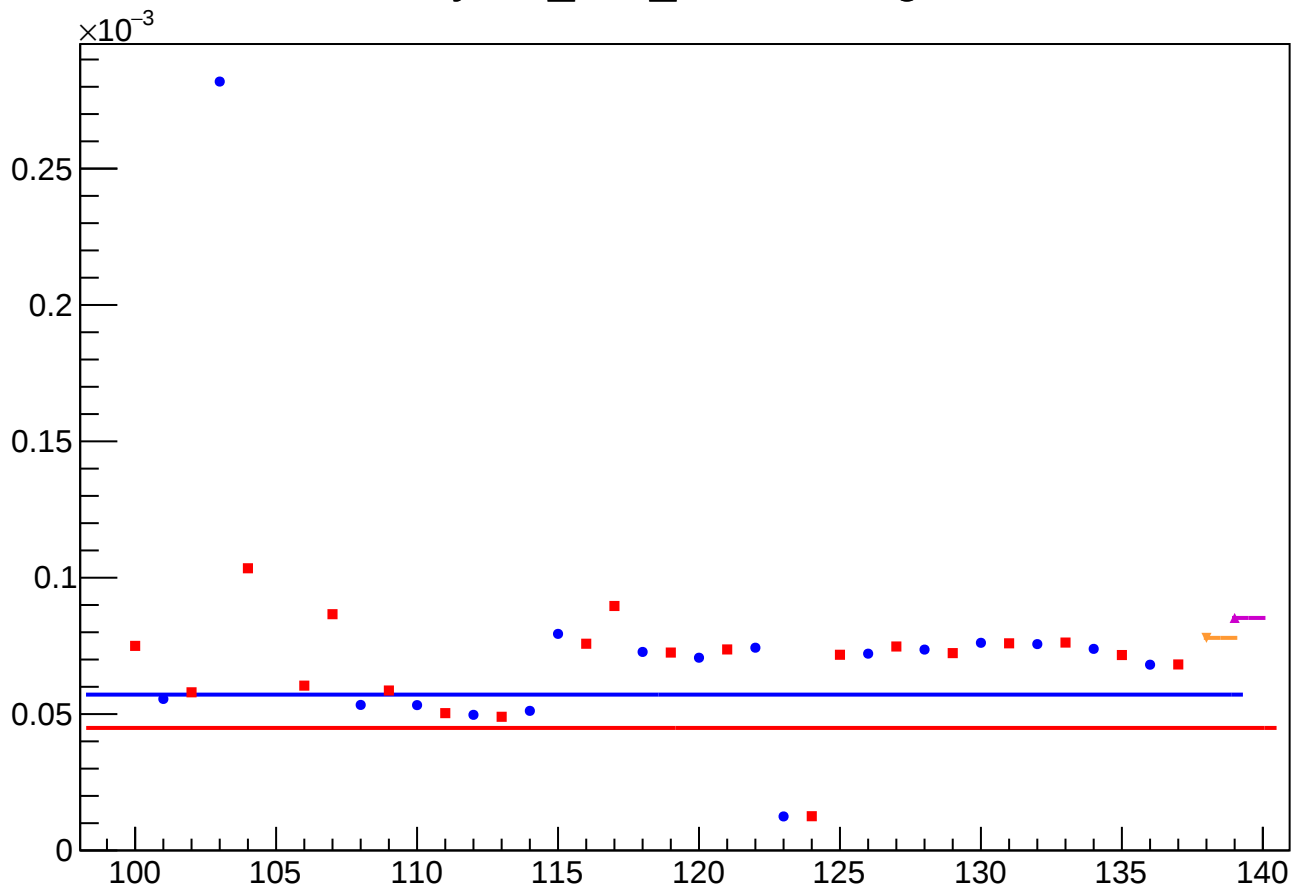
0.017+/-0.000 χ^2/NDF : 132124044799.9/17

Right Out: 0.011+/-0.000 χ^2/NDF : 235754579473.9/19

0.012+/-0.000 χ^2/NDF : 250950824433.1/20

Left In: 0.024+/-0.000 χ^2/NDF : 0.0/0

yield_atl1_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2000446.9/16

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

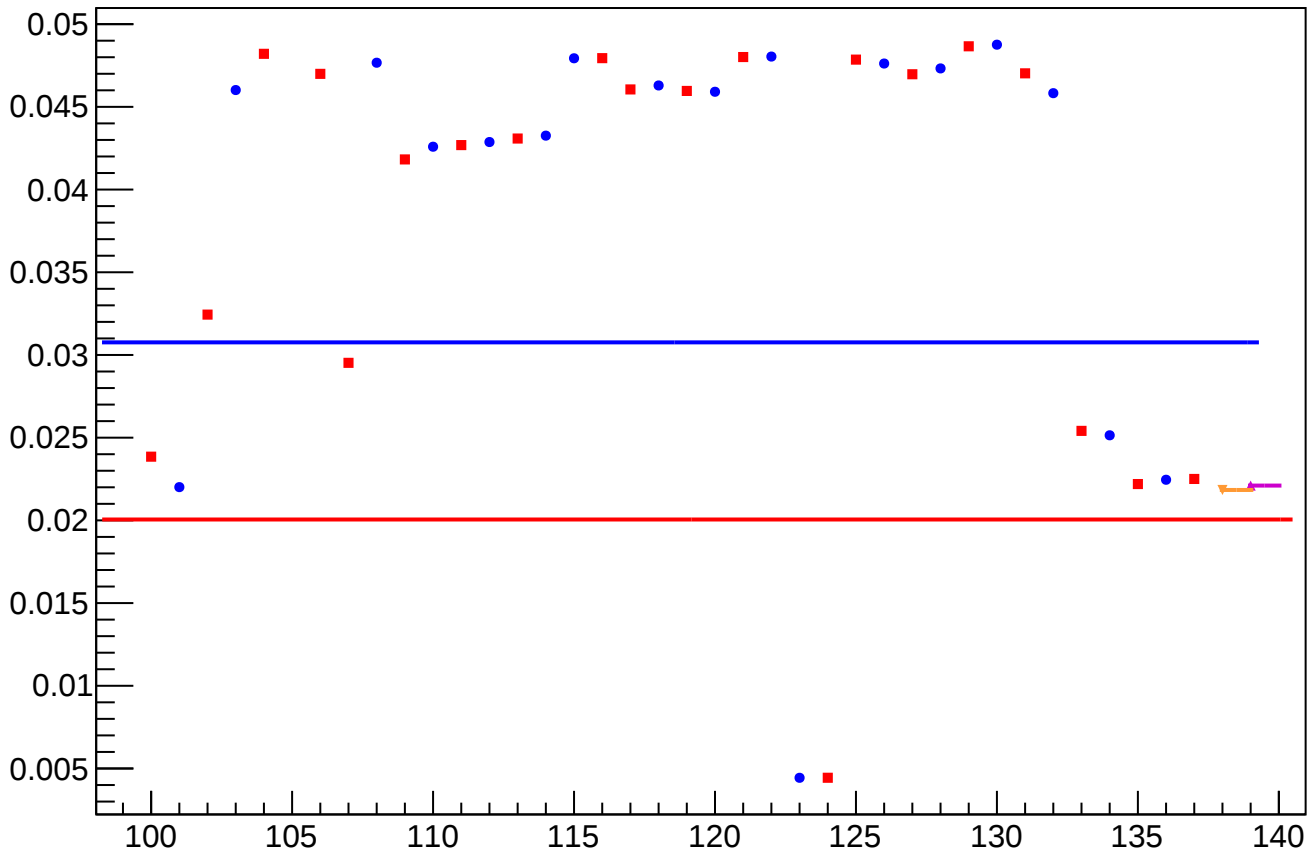
Right Out: 0.000+/-0.000 χ^2/NDF : 3613155.3/19

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

0.000+/-0.000 χ^2/NDF : 2096060.6/17

0.000+/-0.000 χ^2/NDF : 3918251.4/20

yield_atl2_mean vs Slug



Right In: 0.031+/-0.000 χ^2/NDF : 21174738549.0/16

Left Out: 0.022+/-0.000 χ^2/NDF : 0.0/0

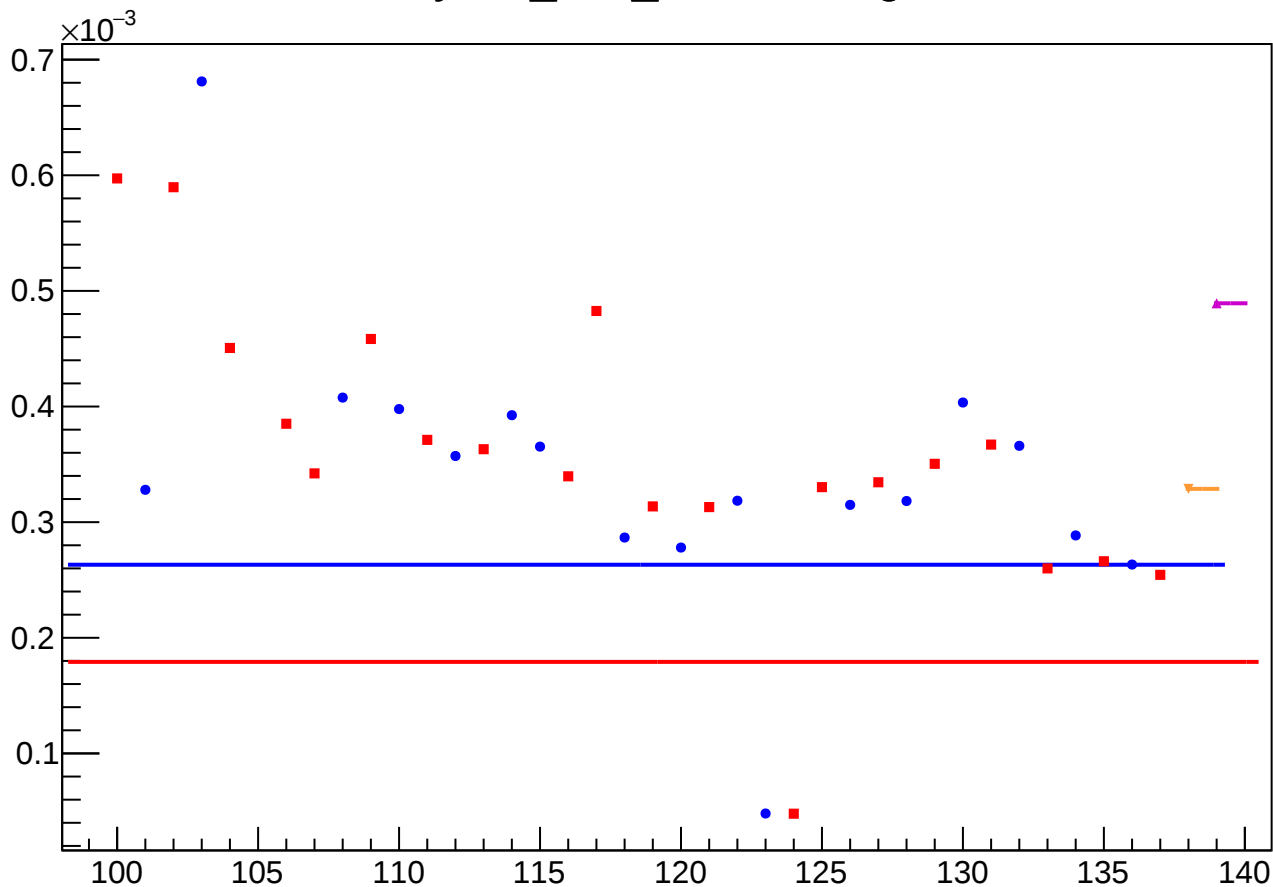
0.030+/-0.000 χ^2/NDF : 21612175152.5/17

Right Out: 0.020+/-0.000 χ^2/NDF : 40133684916.8/19

0.020+/-0.000 χ^2/NDF : 40145710074.3/20

Left In: 0.022+/-0.000 χ^2/NDF : 0.0/0

yield_atl2_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2401048.9/16

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

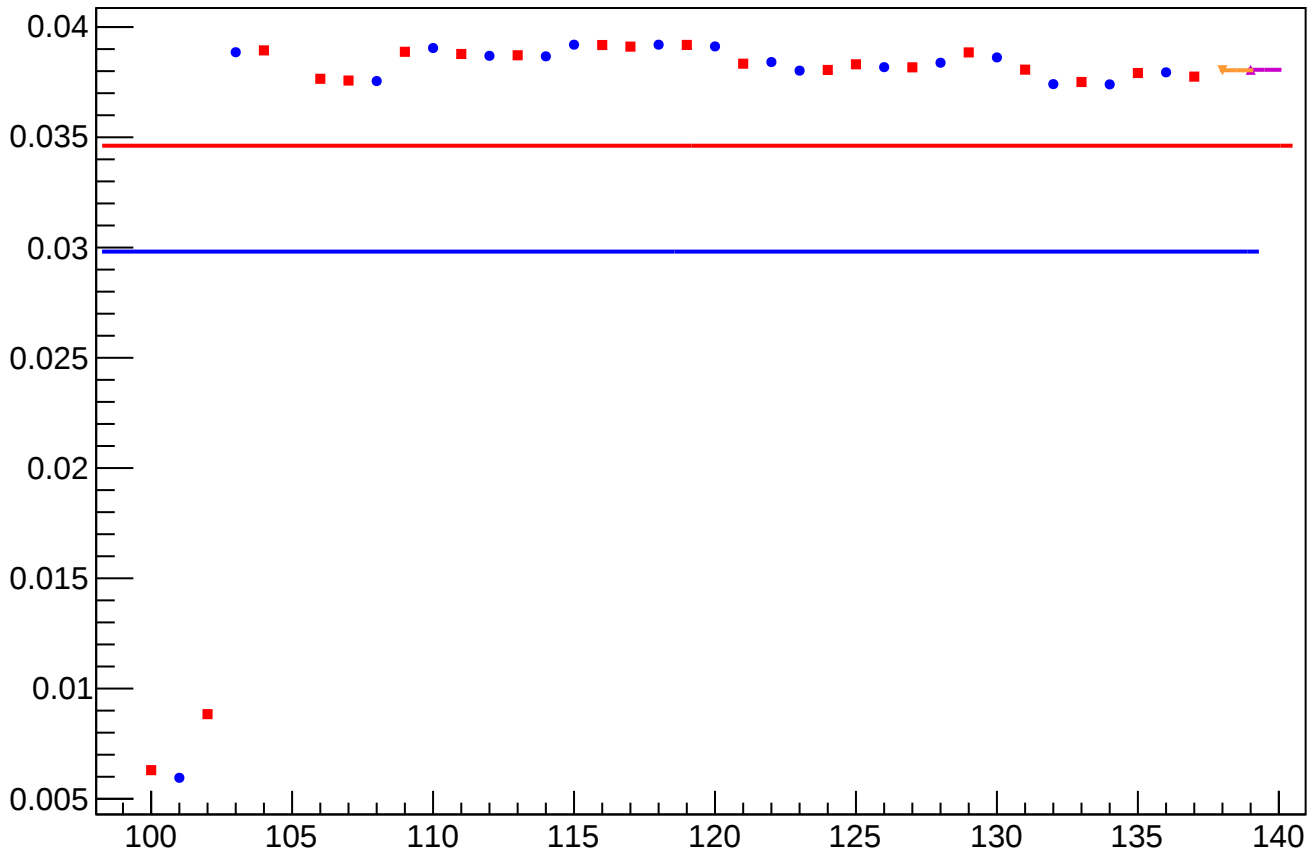
Right Out: 0.000+/-0.000 χ^2/NDF : 5374355.8/19

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

0.000+/-0.000 χ^2/NDF : 2448326.2/17

0.000+/-0.000 χ^2/NDF : 5924385.5/20

yield_atr1_mean vs Slug



Right In: 0.030+/-0.000 χ^2/NDF : 97152184939.3/16

Left Out: 0.038+/-0.000 χ^2/NDF : 0.0/0

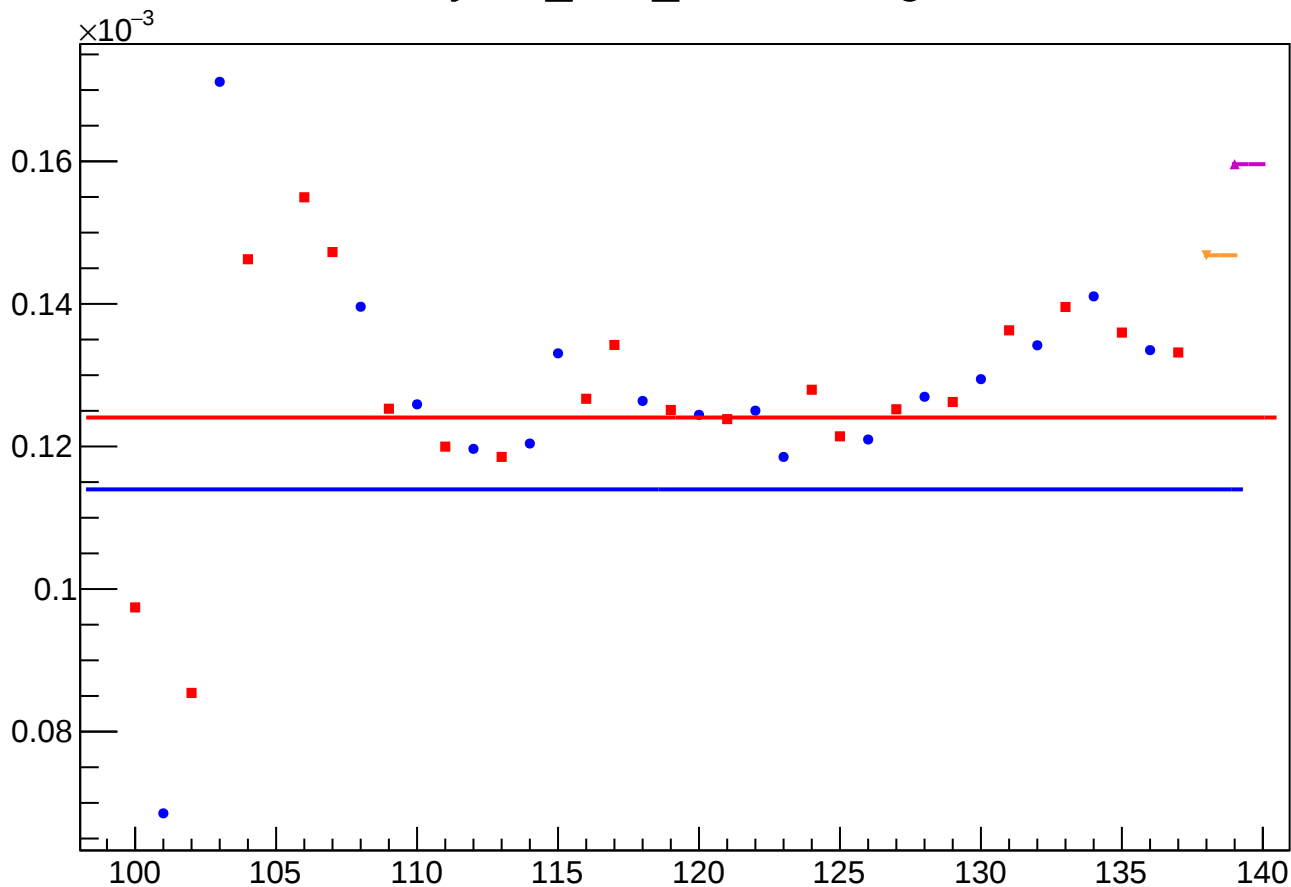
0.030+/-0.000 χ^2/NDF : 99240403724.3/17

Right Out: 0.035+/-0.000 χ^2/NDF : 43717644957.2/19

0.035+/-0.000 χ^2/NDF : 44029801665.4/20

Left In: 0.038+/-0.000 χ^2/NDF : 0.0/0

yield_atr1_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 794542.9/16

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

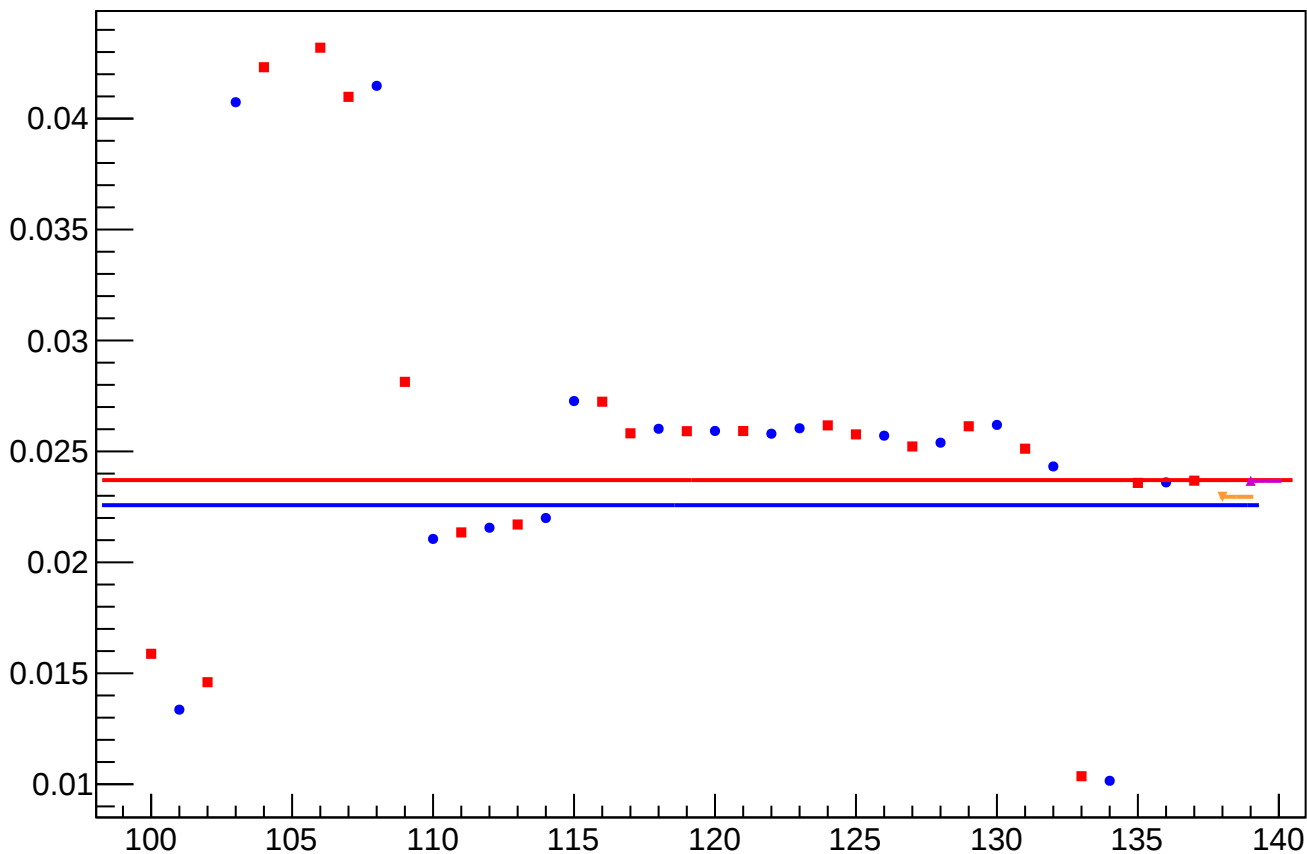
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 245649.5/19

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

0.000 $\pm$ 0.000 χ^2 /NDF: 861172.1/17

0.000 $\pm$ 0.000 χ^2 /NDF: 312170.8/20

yield_atr2_mean vs Slug



Right In: 0.023+/-0.000 χ^2/NDF : 4247774712.9/16

Left Out: 0.023+/-0.000 χ^2/NDF :0.0/0

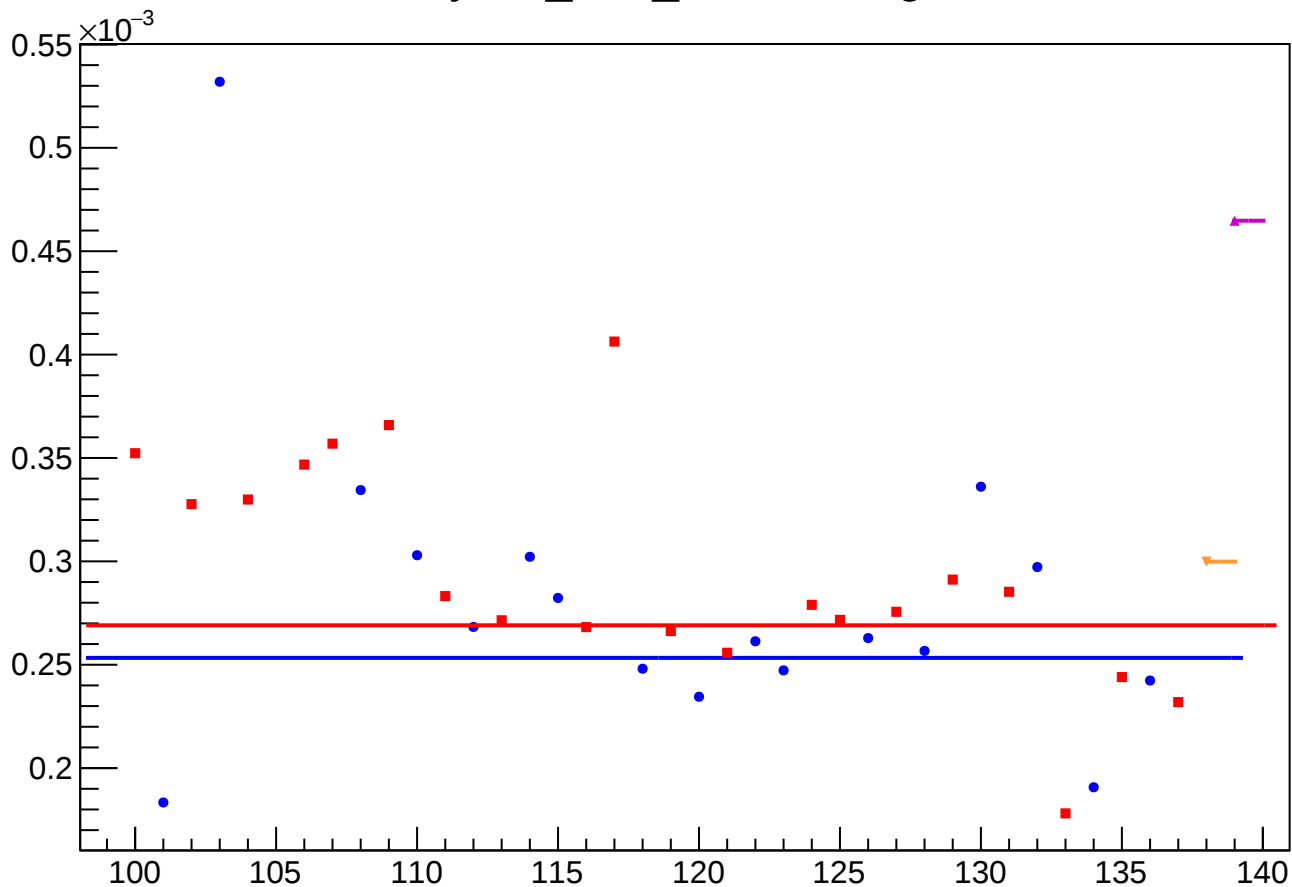
Right Out: 0.024+/-0.000 χ^2/NDF : 5652505580.7/19

Left In: 0.024+/-0.000 χ^2/NDF :0.0/0

0.023+/-0.000 χ^2/NDF : 4248711941.9/17

0.024+/-0.000 χ^2/NDF : 5652509090.3/20

yield_atr2_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 629159.2/16

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

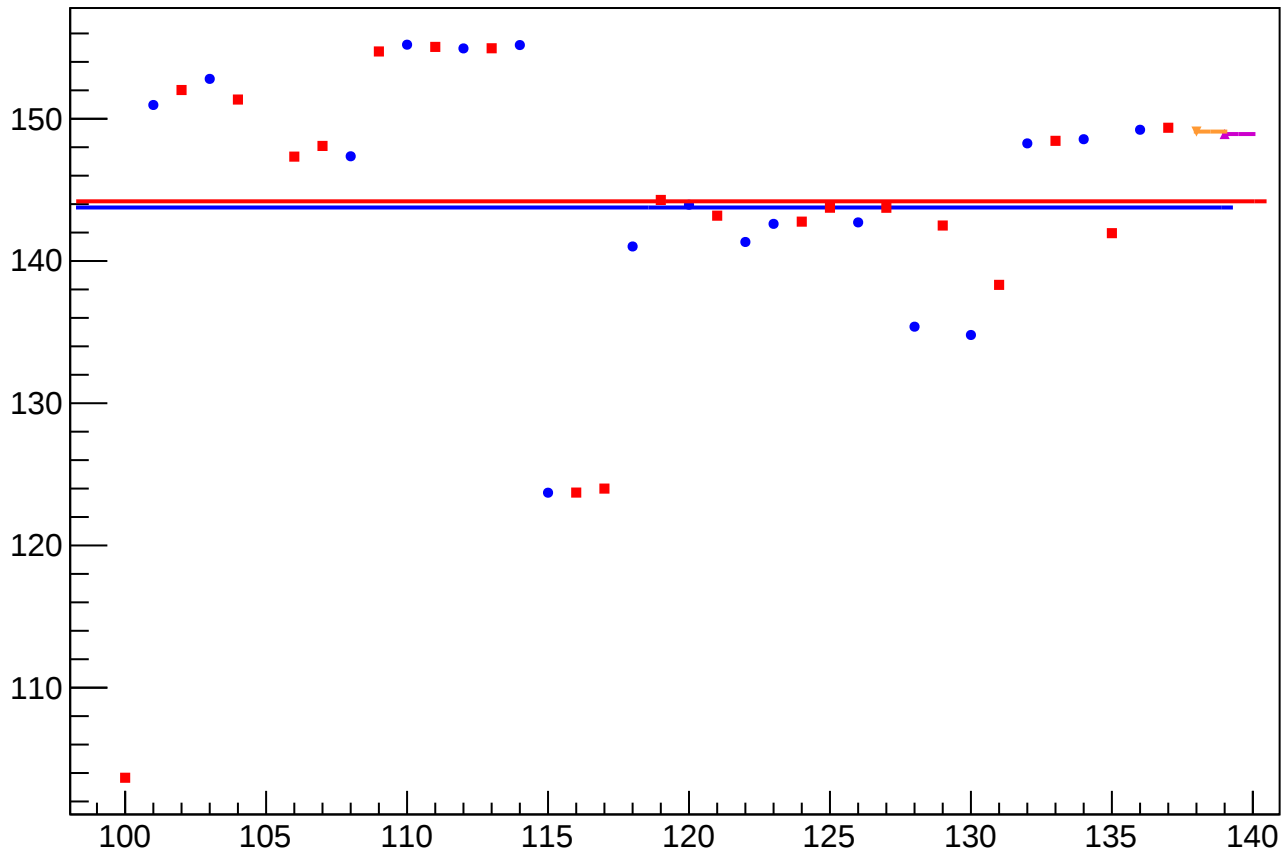
Right Out: 0.000+/-0.000 χ^2/NDF : 437710.5/19

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

0.000+/-0.000 χ^2/NDF : 657464.5/17

0.000+/-0.000 χ^2/NDF : 677194.0/20

yield_bcm_an_ds_mean vs Slug



Right In: 143.763+/-0.000 χ^2/NDF : 3534699505.1/16

Left Out: 149.101+/-0.000 χ^2/NDF : 0.0/0

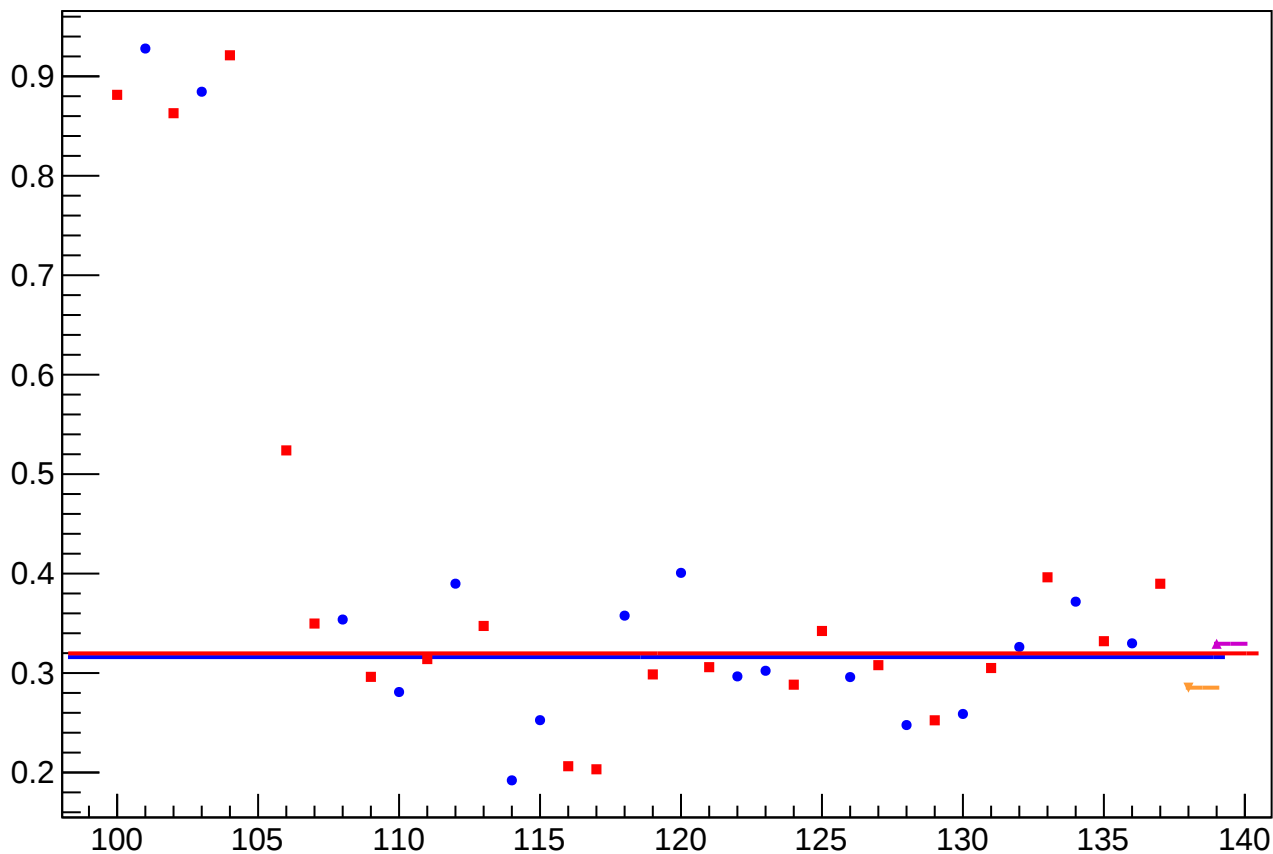
Right Out: 144.197+/-0.000 χ^2/NDF : 4523139755.0/19

Left In: 148.927+/-0.000 χ^2/NDF : 0.0/0

144.489+/-0.000 χ^2/NDF : 3750191626.8/17

144.674+/-0.000 χ^2/NDF : 4652993961.1/20

yield_bcm_an_ds_rms vs Slug



Right In: 0.316+/-0.000 χ^2/NDF : 1265921.5/16

Left Out: 0.285+/-0.000 χ^2/NDF : 0.0/0

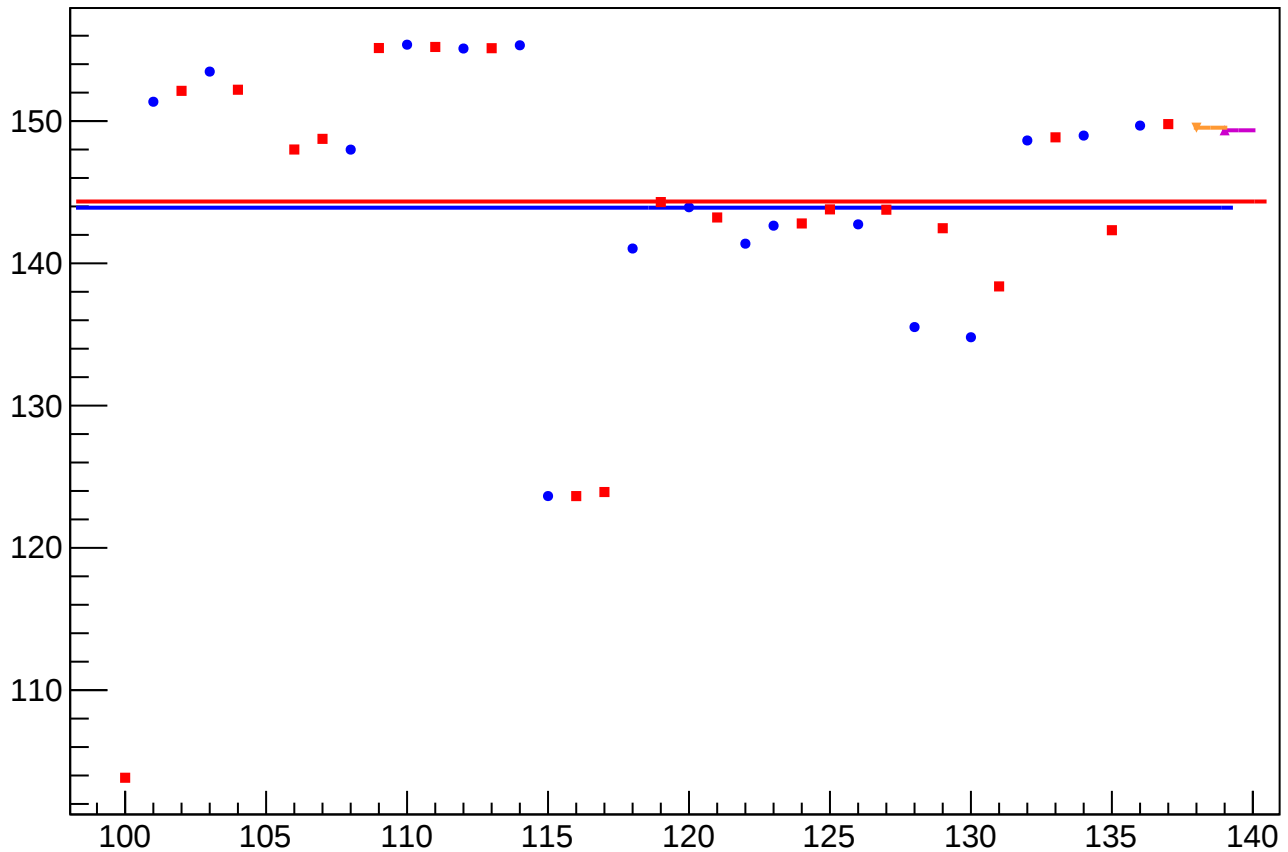
Right Out: 0.320+/-0.000 χ^2/NDF : 1241752.3/19

Left In: 0.329+/-0.000 χ^2/NDF : 0.0/0

0.312+/-0.000 χ^2/NDF : 1280205.8/17

0.321+/-0.000 χ^2/NDF : 1242837.3/20

yield_bcm_an_ds3_mean vs Slug



Right In: 143.912 $\pm$ 0.000 χ^2 /NDF: 3587769790.2/16

Left Out: 149.535 $\pm$ 0.000 χ^2 /NDF: 0.0/0

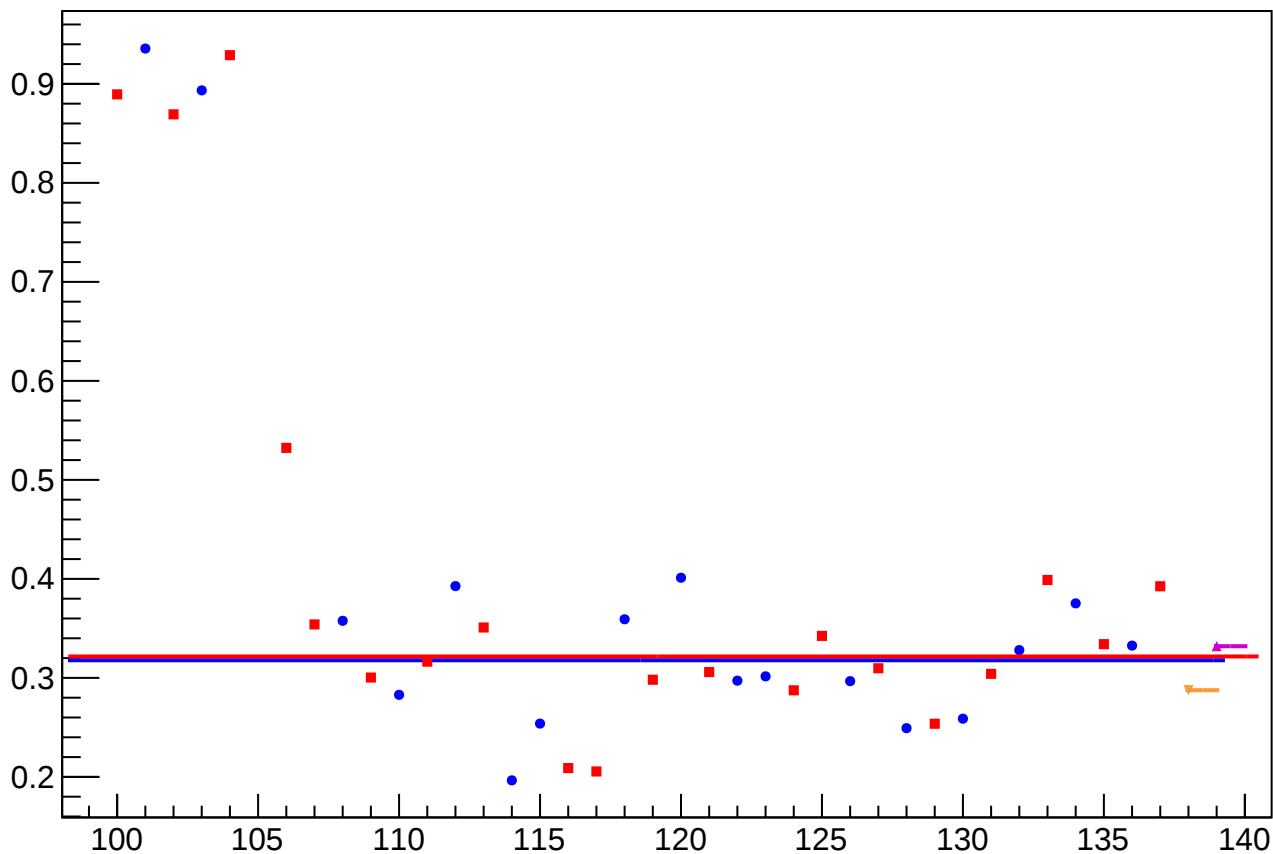
144.674 $\pm$ 0.000 χ^2 /NDF: 3823263391.5/17

Right Out: 144.347 $\pm$ 0.000 χ^2 /NDF: 4550581147.9/19

144.850 $\pm$ 0.000 χ^2 /NDF: 4693735513.1/20

Left In: 149.351 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_an_ds3_rms vs Slug



Right In: 0.318+/-0.000 χ^2/NDF : 1268257.9/16

Left Out: 0.288+/-0.000 χ^2/NDF : 0.0/0

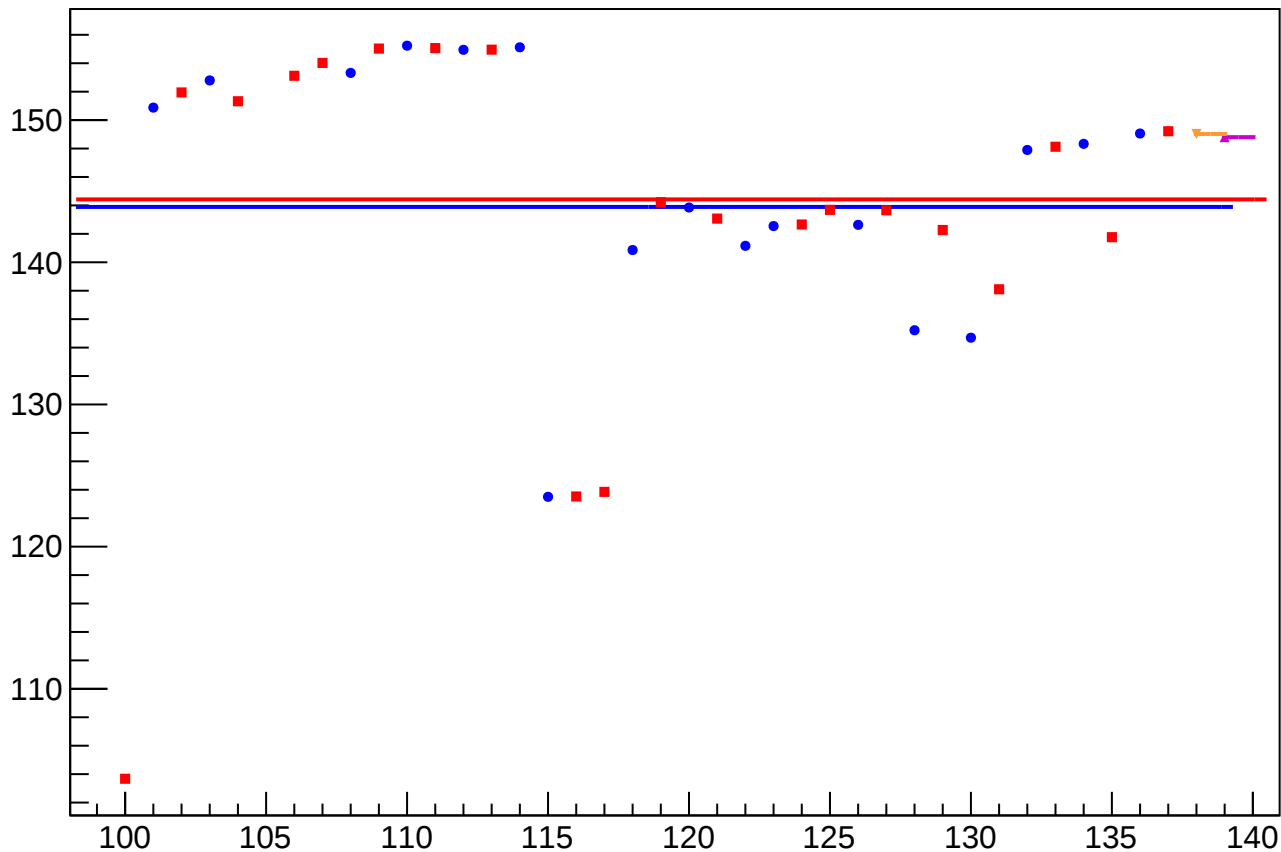
Right Out: 0.322+/-0.000 χ^2/NDF : 1244304.0/19

Left In: 0.332+/-0.000 χ^2/NDF : 0.0/0

0.314+/-0.000 χ^2/NDF : 1281862.9/17

0.323+/-0.000 χ^2/NDF : 1245529.8/20

yield_bcm_an_us_mean vs Slug



Right In: 143.893+/-0.000 χ^2/NDF : 3752655677.2/16

Left Out: 149.026+/-0.000 χ^2/NDF : 0.0/0

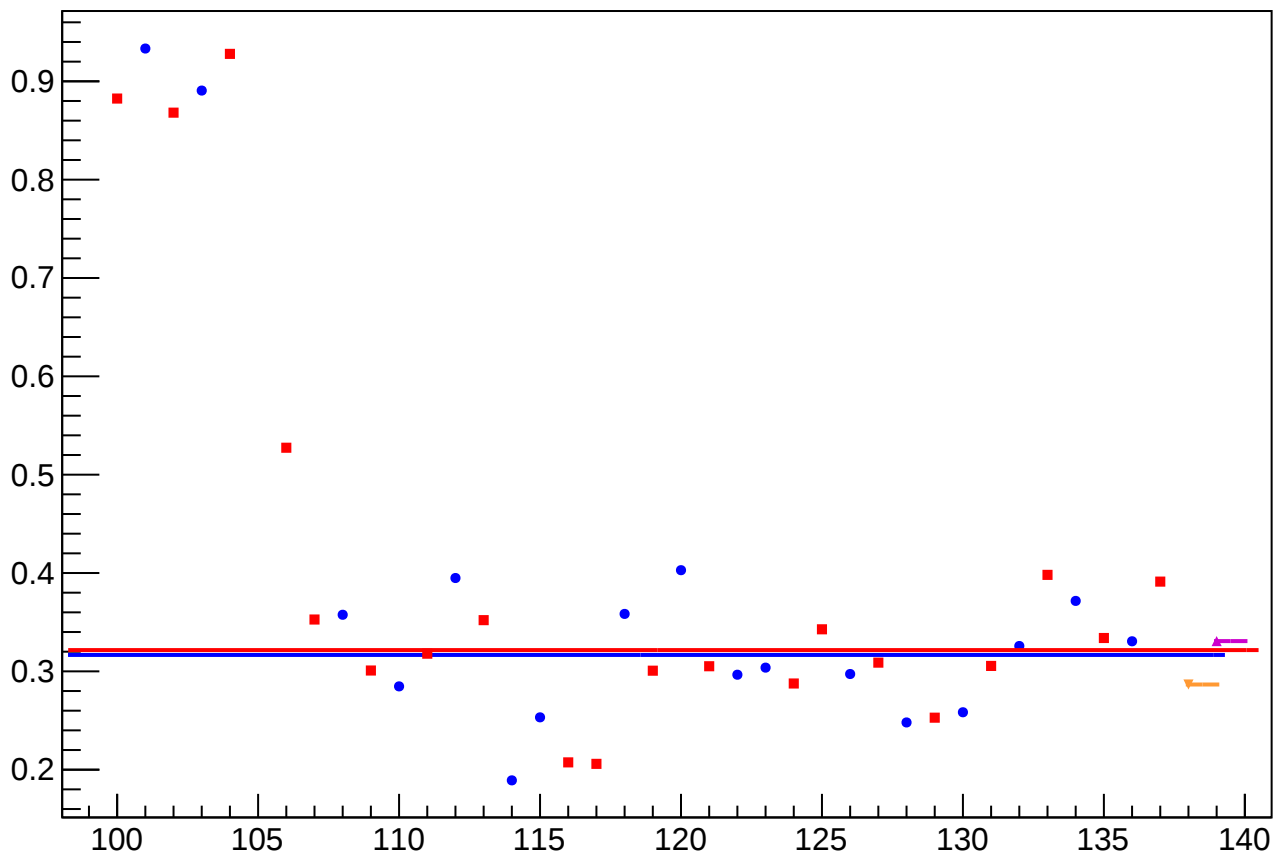
Right Out: 144.423+/-0.000 χ^2/NDF : 4819194675.6/19

Left In: 148.802+/-0.000 χ^2/NDF : 0.0/0

144.589+/-0.000 χ^2/NDF : 3950085862.8/17

144.867+/-0.000 χ^2/NDF : 4929570168.2/20

yield_bcm_an_us_rms vs Slug



Right In: 0.317+/-0.000 χ^2/NDF : 1280358.6/16

Left Out: 0.287+/-0.000 χ^2/NDF : 0.0/0

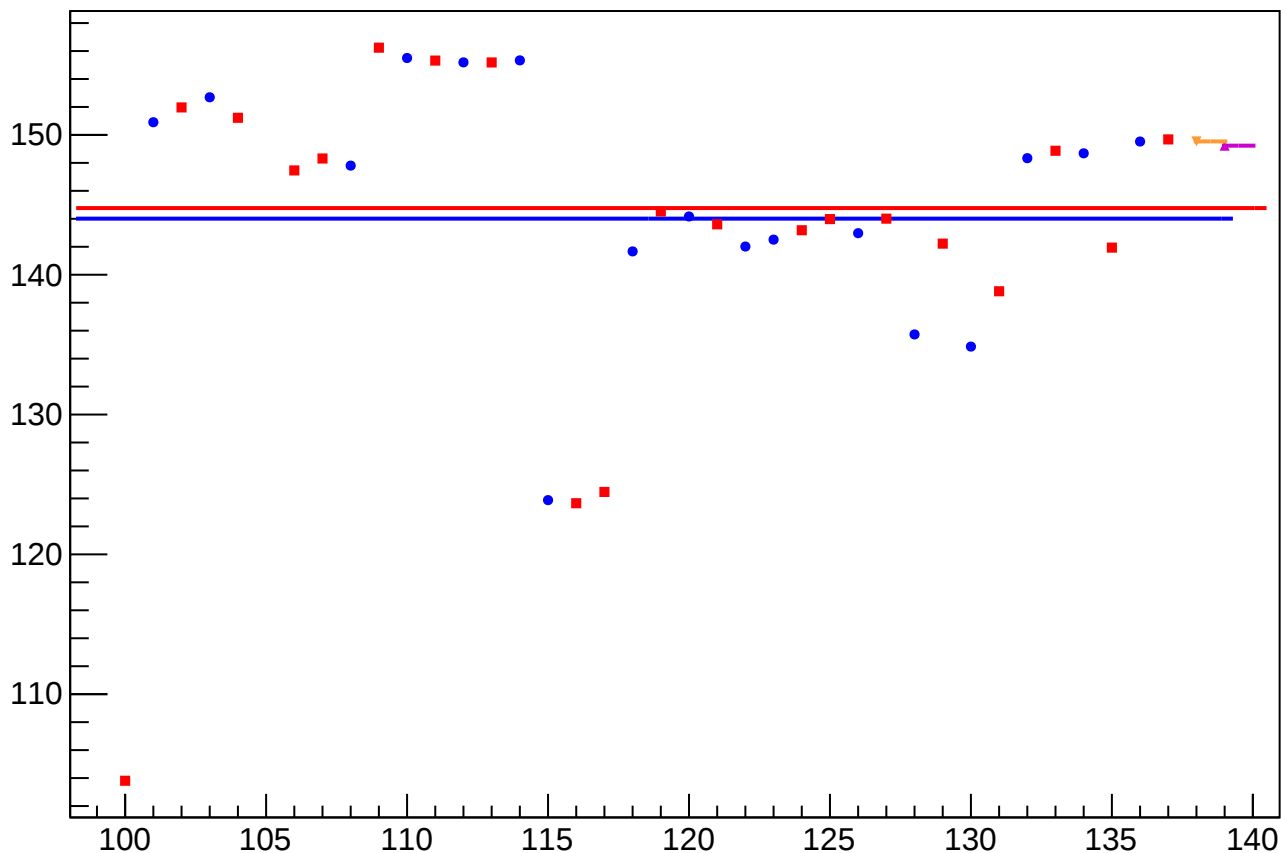
Right Out: 0.322+/-0.000 χ^2/NDF : 1244671.1/19

Left In: 0.331+/-0.000 χ^2/NDF : 0.0/0

0.313+/-0.000 χ^2/NDF : 1293915.2/17

0.323+/-0.000 χ^2/NDF : 1245632.9/20

yield_bcm_dg_us_mean vs Slug



Right In: 144.012 $\pm$ 0.000 χ^2/NDF : 3241696920.3/16

Left Out: 149.536 $\pm$ 0.000 χ^2/NDF : 0.0/0

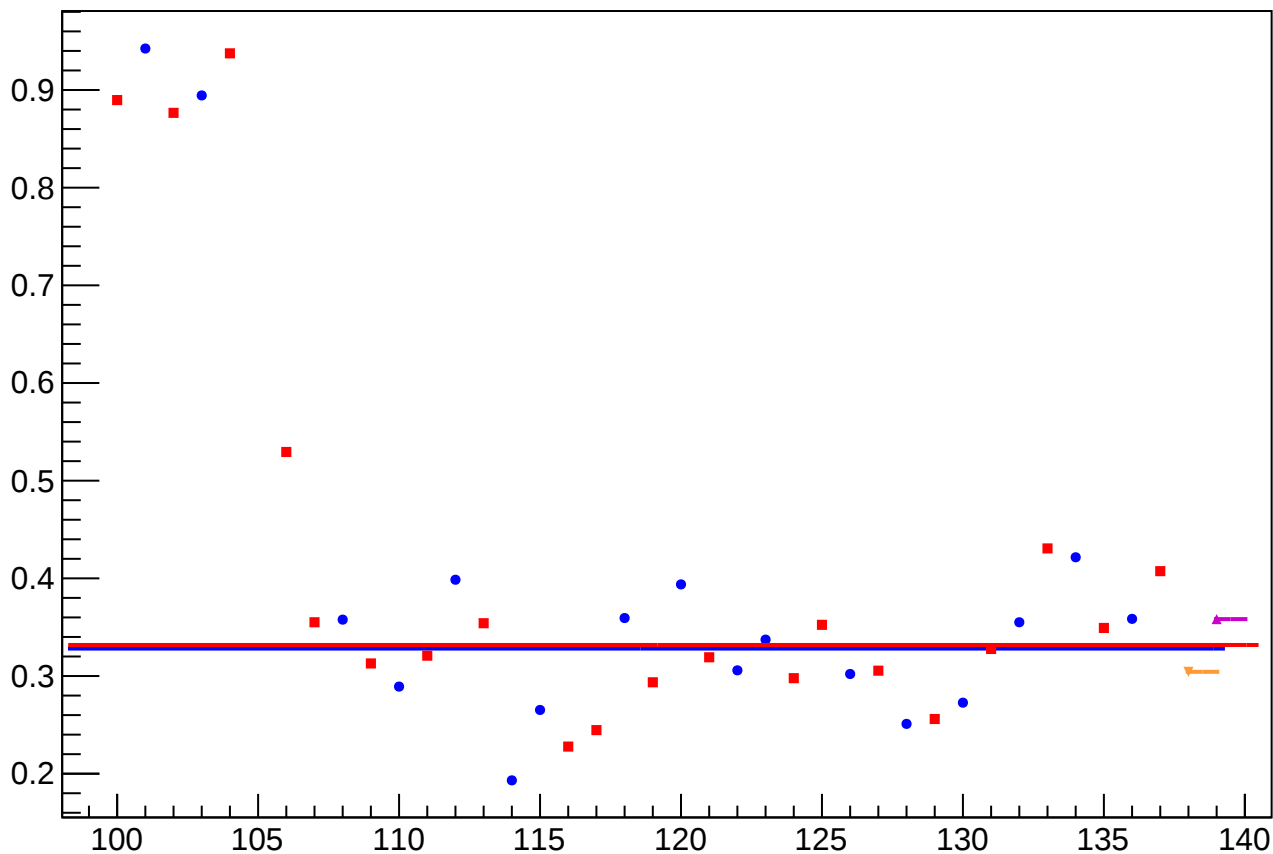
Right Out: 144.767 $\pm$ 0.000 χ^2/NDF : 4097482970.1/19

Left In: 149.232 $\pm$ 0.000 χ^2/NDF : 0.0/0

144.723 $\pm$ 0.000 χ^2/NDF : 3443218787.6/17

145.177 $\pm$ 0.000 χ^2/NDF : 4195205388.6/20

yield_bcm_dg_us_rms vs Slug



Right In: 0.328+/-0.000 χ^2/NDF : 1265892.9/16

Left Out: 0.304+/-0.000 χ^2/NDF : 0.0/0

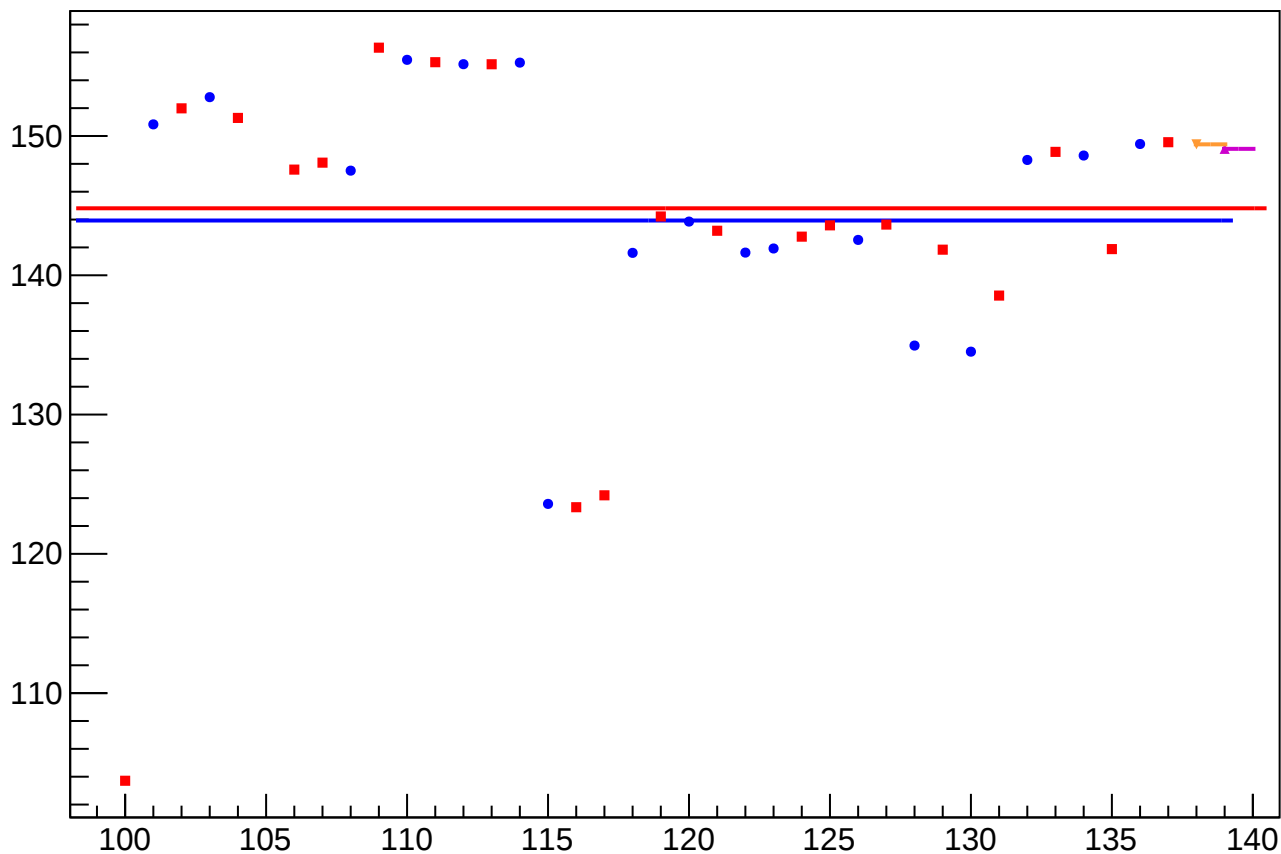
Right Out: 0.332+/-0.000 χ^2/NDF : 1194167.8/19

Left In: 0.358+/-0.000 χ^2/NDF : 0.0/0

0.325+/-0.000 χ^2/NDF : 1273392.4/17

0.334+/-0.000 χ^2/NDF : 1201043.2/20

yield_bcm_dg_ds_mean vs Slug



Right In: 143.932+/-0.000 χ^2/NDF : 3383012861.2/16

Left Out: 149.401+/-0.000 χ^2/NDF : 0.0/0

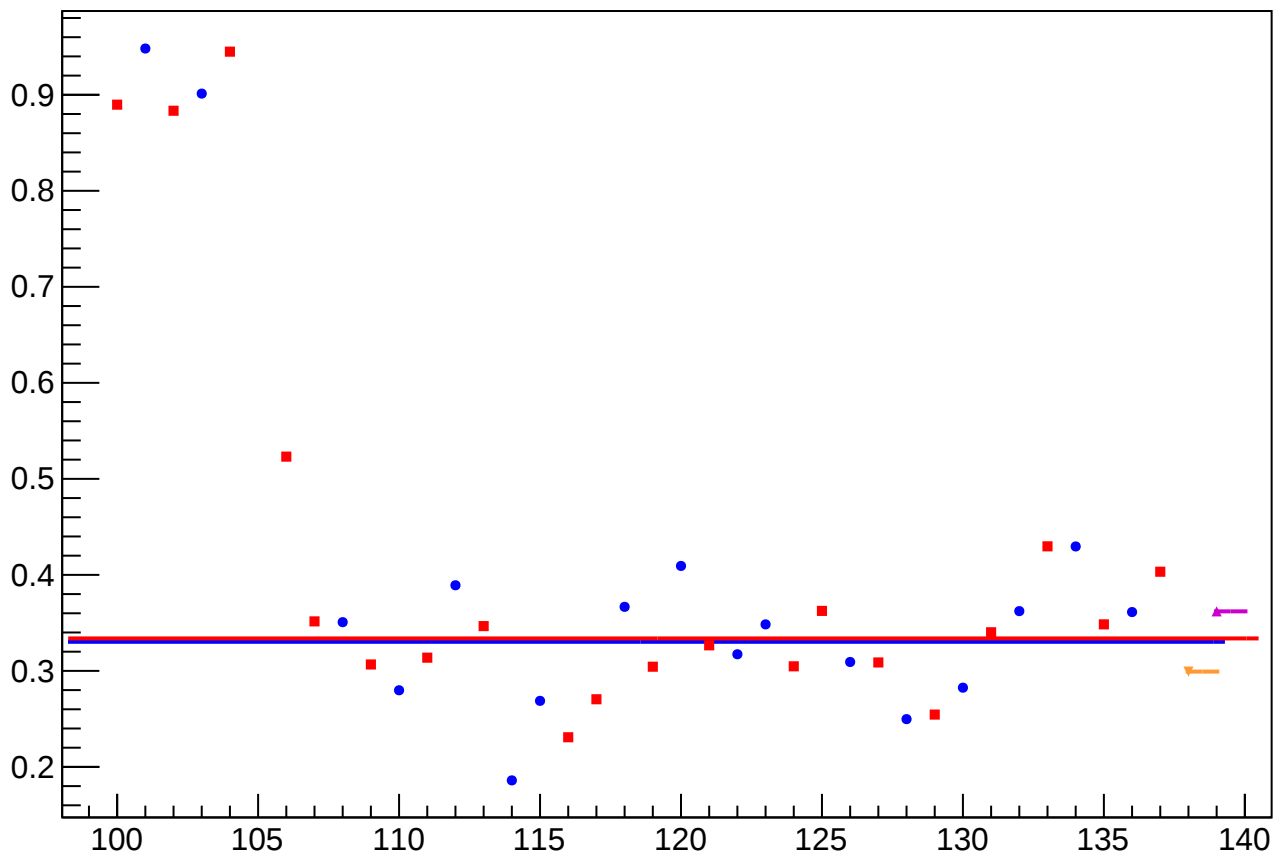
Right Out: 144.809+/-0.000 χ^2/NDF : 4138041955.6/19

Left In: 149.077+/-0.000 χ^2/NDF : 0.0/0

144.664+/-0.000 χ^2/NDF : 3584886468.5/17

145.196+/-0.000 χ^2/NDF : 4225095976.6/20

yield_bcm_dg_ds_rms vs Slug



Right In: 0.330+/-0.000 χ^2/NDF : 1283955.7/16

Left Out: 0.299+/-0.000 χ^2/NDF : 0.0/0

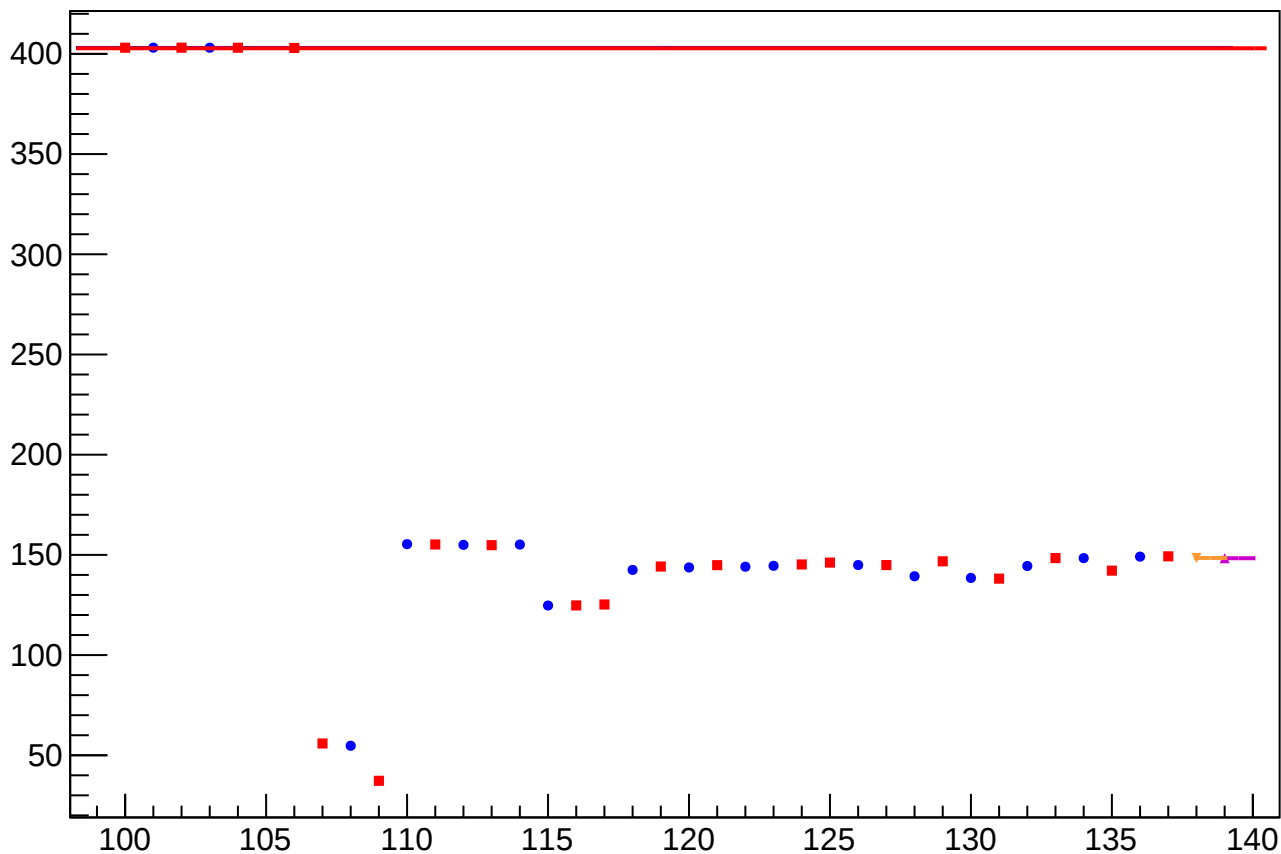
Right Out: 0.334+/-0.000 χ^2/NDF : 1177889.1/19

Left In: 0.362+/-0.000 χ^2/NDF : 0.0/0

0.326+/-0.000 χ^2/NDF : 1296967.1/17

0.336+/-0.000 χ^2/NDF : 1185484.0/20

yield_cav4bQ_mean vs Slug



Right In: 402.958+/-0.000 χ^2/NDF : 1094364588383.4/16

Left Out: 148.463+/-0.001 χ^2/NDF : 0.0/0

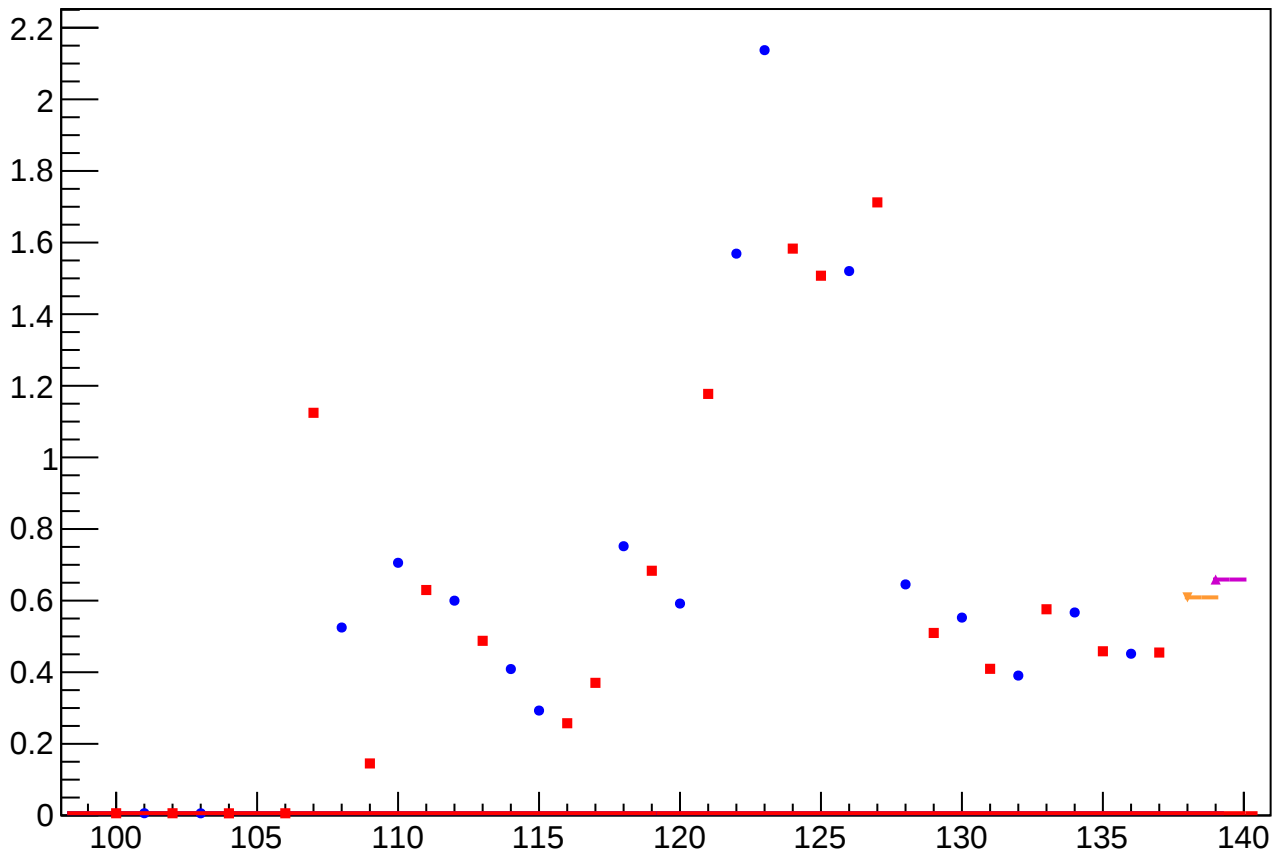
Right Out: 402.797+/-0.000 χ^2/NDF : 3120897866993.6/19

Left In: 148.328+/-0.001 χ^2/NDF : 0.0/0

402.944+/-0.000 χ^2/NDF : 1200964219819.6/17

402.786+/-0.000 χ^2/NDF : 3213868861821.8/20

yield_cav4bQ_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 9079322.7/16

Left Out: 0.609+/-0.001 χ^2/NDF : 0.0/0

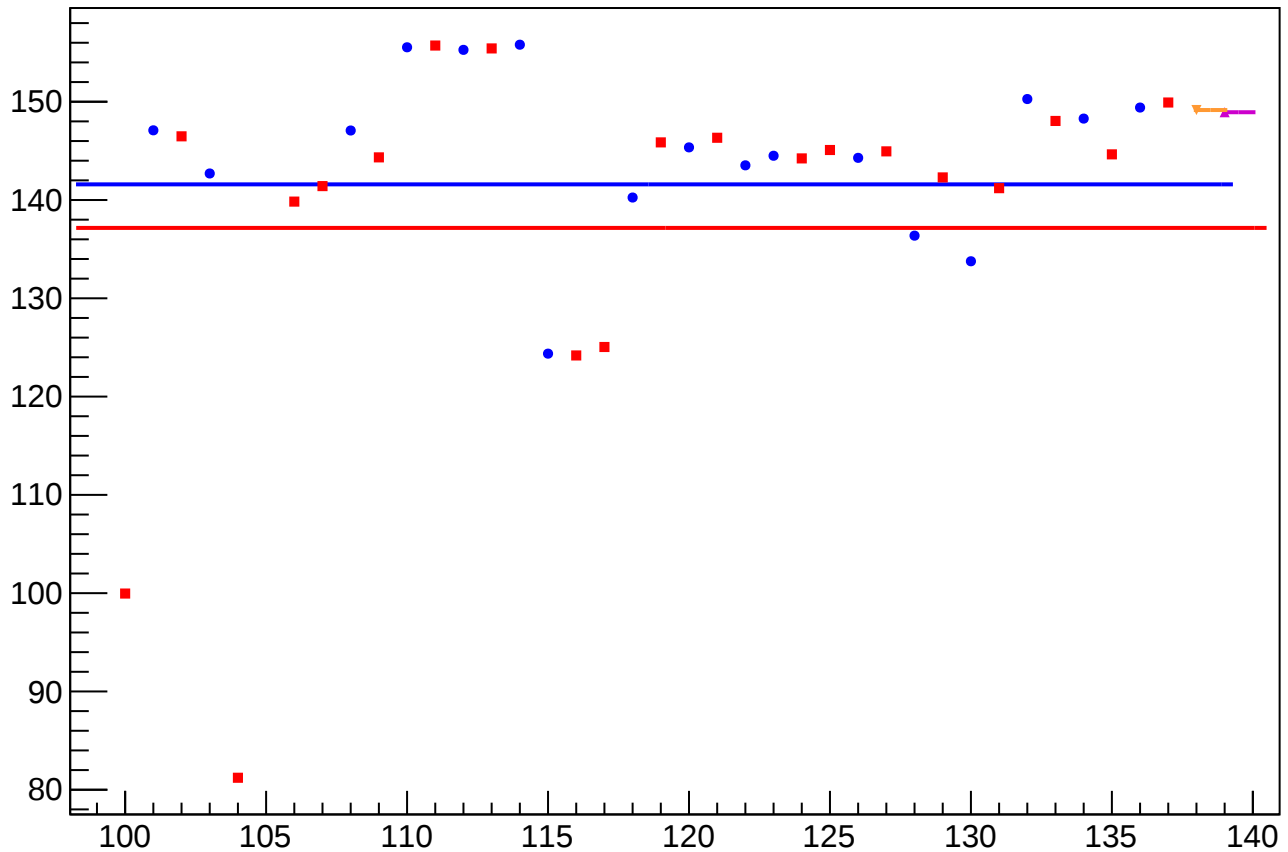
Right Out: 0.006+/-0.000 χ^2/NDF : 9258244.0/19

Left In: 0.659+/-0.001 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 10275173.1/17

0.006+/-0.000 χ^2/NDF : 10481063.4/20

yield_cav4cQ_mean vs Slug



Right In: 141.593 ± 0.000 χ^2/NDF : 980101868.2/16

Left Out: 149.155 ± 0.001 χ^2/NDF : 0.0/0

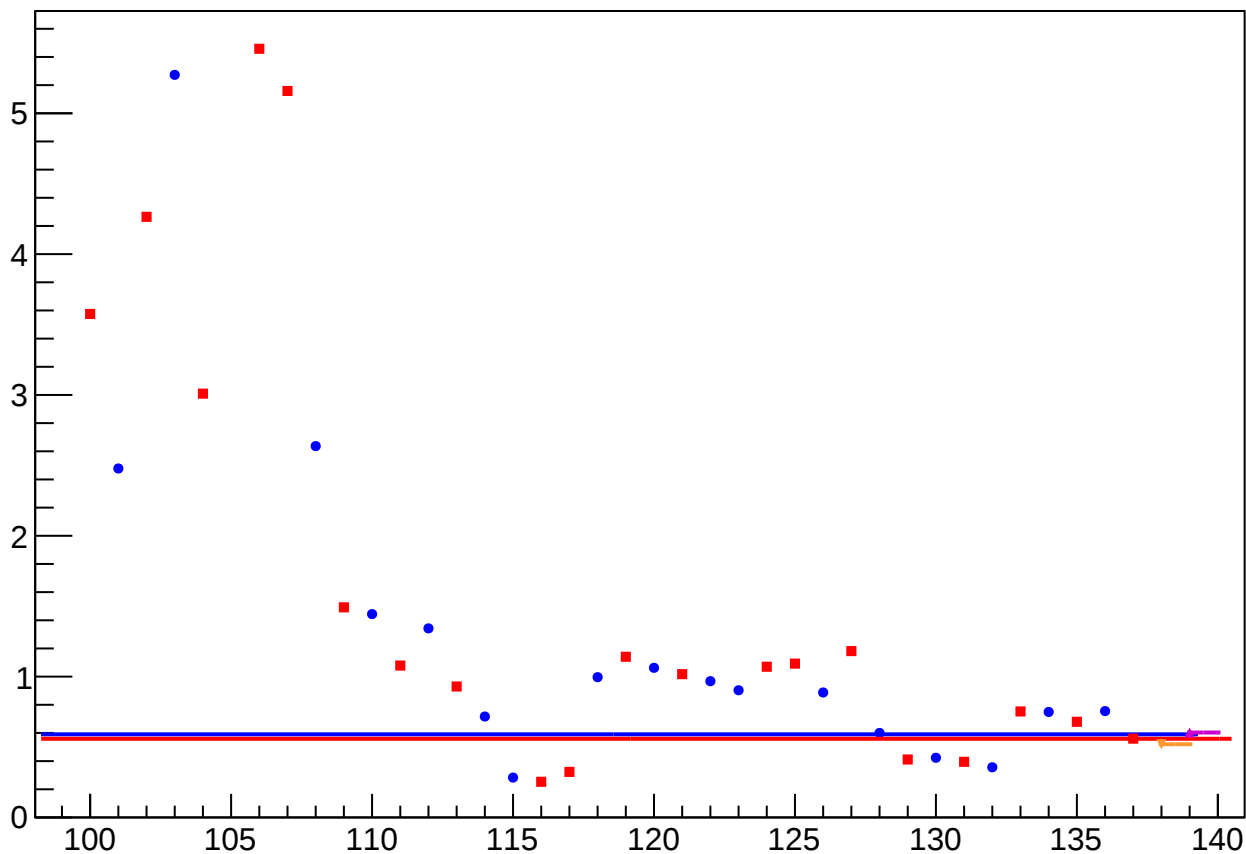
142.528 ± 0.000 χ^2/NDF : 1051447469.6/17

Right Out: 137.162 ± 0.000 χ^2/NDF : 1366089515.6/19

138.306 ± 0.000 χ^2/NDF : 1513484146.0/20

Left In: 148.931 ± 0.001 χ^2/NDF : 0.0/0

yield_cav4cQ_rms vs Slug



Right In: 0.590 $\pm$ 0.000 χ^2 /NDF: 3491995.1/16

Left Out: 0.520 $\pm$ 0.001 χ^2 /NDF: 0.0/0

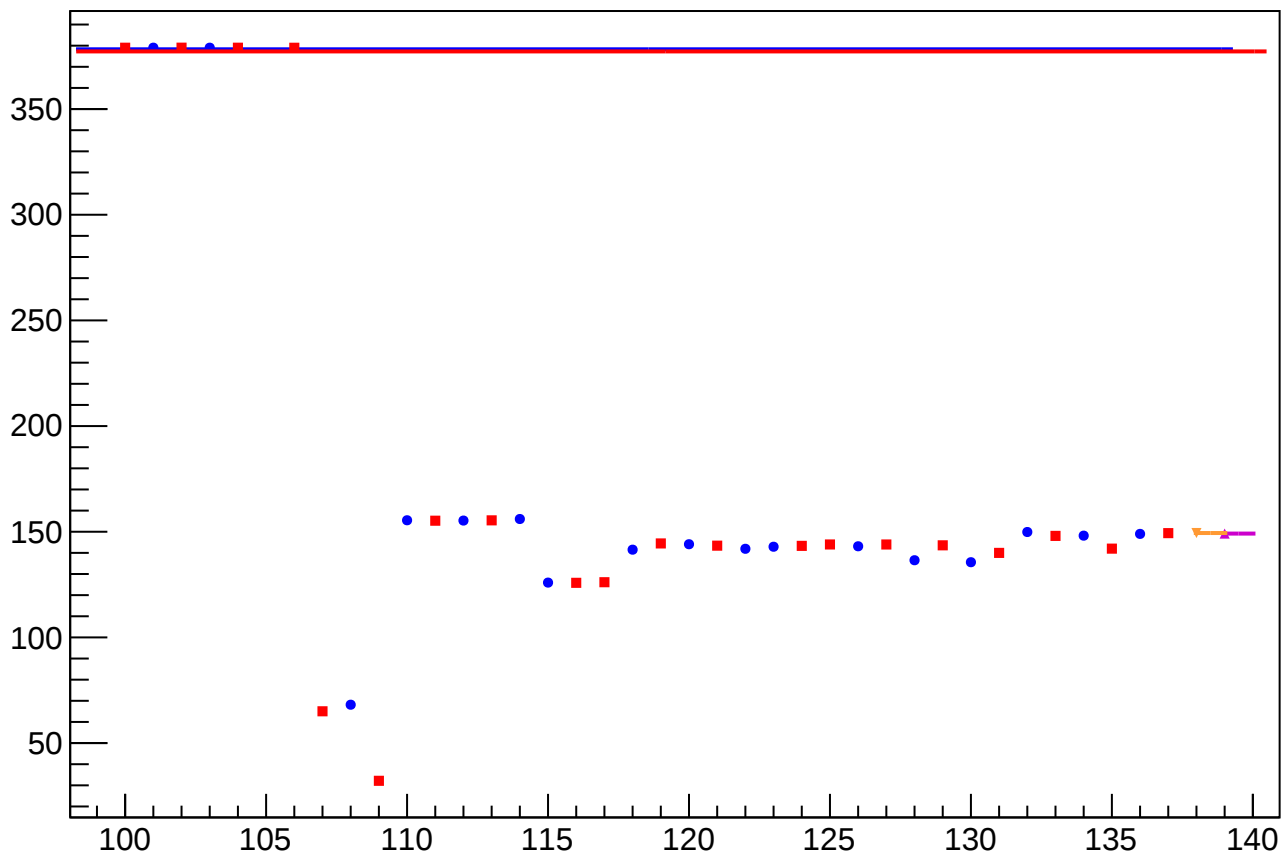
Right Out: 0.559 $\pm$ 0.000 χ^2 /NDF: 4721291.1/19

Left In: 0.603 $\pm$ 0.001 χ^2 /NDF: 0.0/0

0.582 $\pm$ 0.000 χ^2 /NDF: 3504346.2/17

0.563 $\pm$ 0.000 χ^2 /NDF: 4725471.2/20

yield_cav4dQ_mean vs Slug



Right In: 378.283+/-0.000 χ^2/NDF : 2508313421453.8/16

Left Out: 149.394+/-0.000 χ^2/NDF : 0.0/0

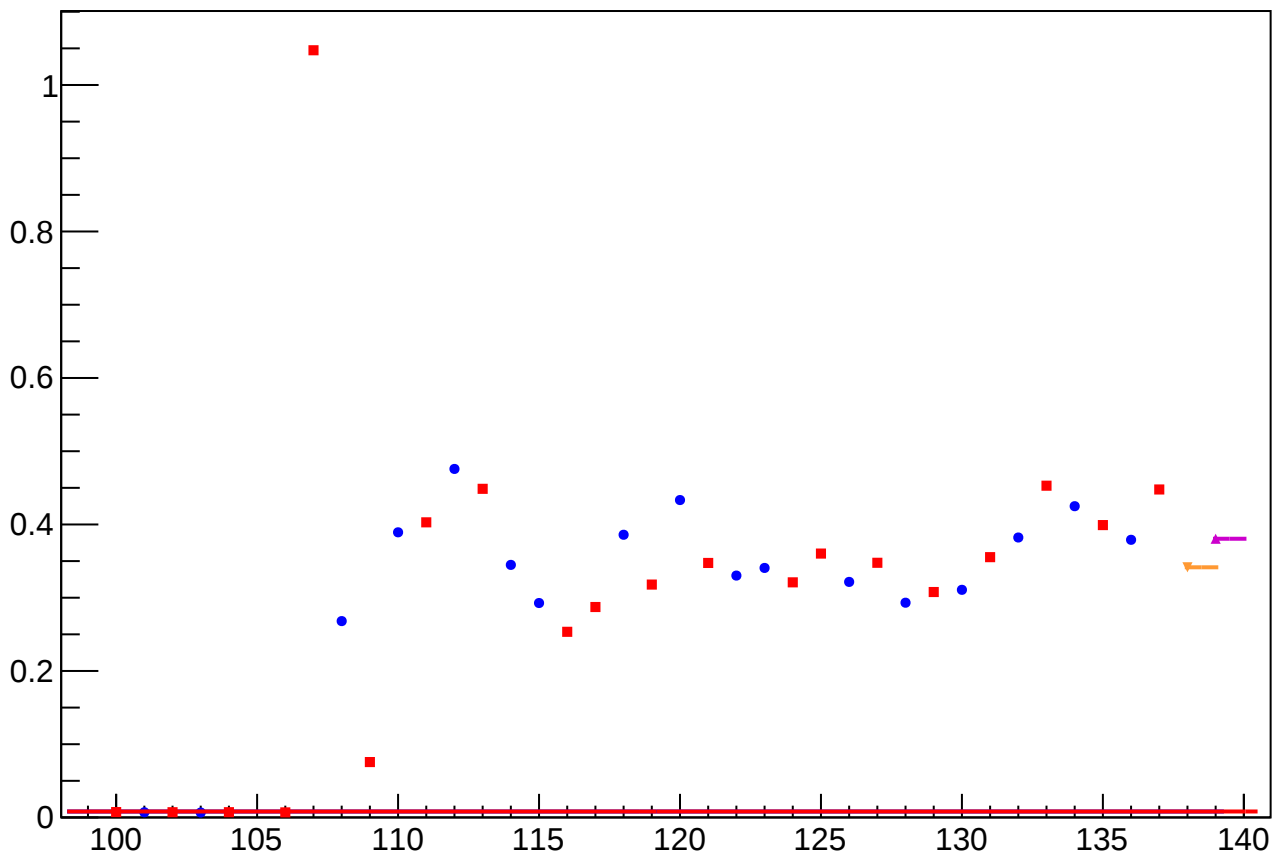
Right Out: 377.280+/-0.000 χ^2/NDF : 8313240281527.9/19

Left In: 149.126+/-0.000 χ^2/NDF : 0.0/0

378.177+/-0.000 χ^2/NDF : 2831605834930.7/17

377.207+/-0.000 χ^2/NDF : 8565109362296.5/20

yield_cav4dQ_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 9806719.4/16

Left Out: 0.342+/-0.000 χ^2/NDF : 0.0/0

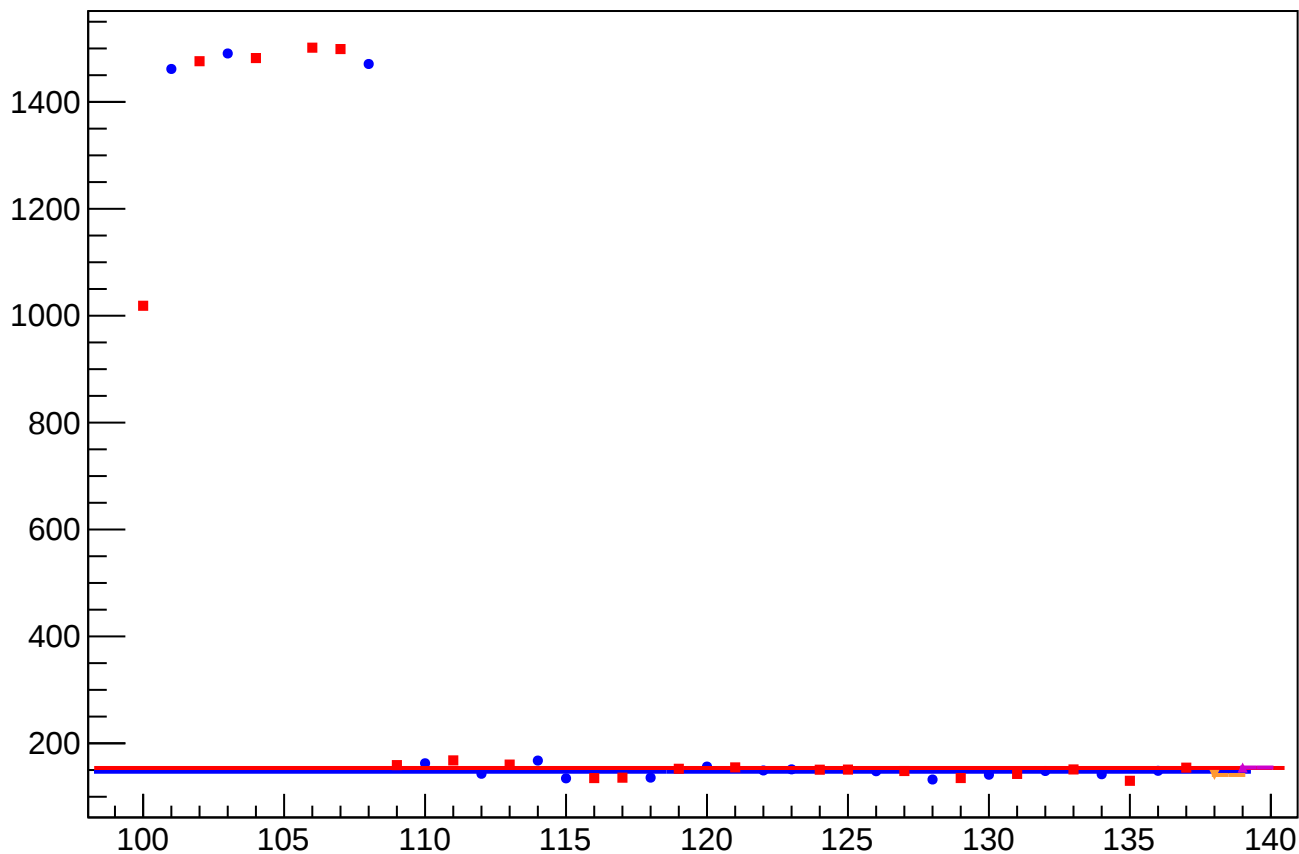
Right Out: 0.008+/-0.000 χ^2/NDF : 9589375.6/19

Left In: 0.381+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 11178675.2/17

0.008+/-0.000 χ^2/NDF : 10931104.4/20

yield_bcm0l02_mean vs Slug



Right In: 146.819+/-0.000 χ^2/NDF : 24360774977.7/16

Left Out: 140.764+/-0.001 χ^2/NDF : 0.0/0

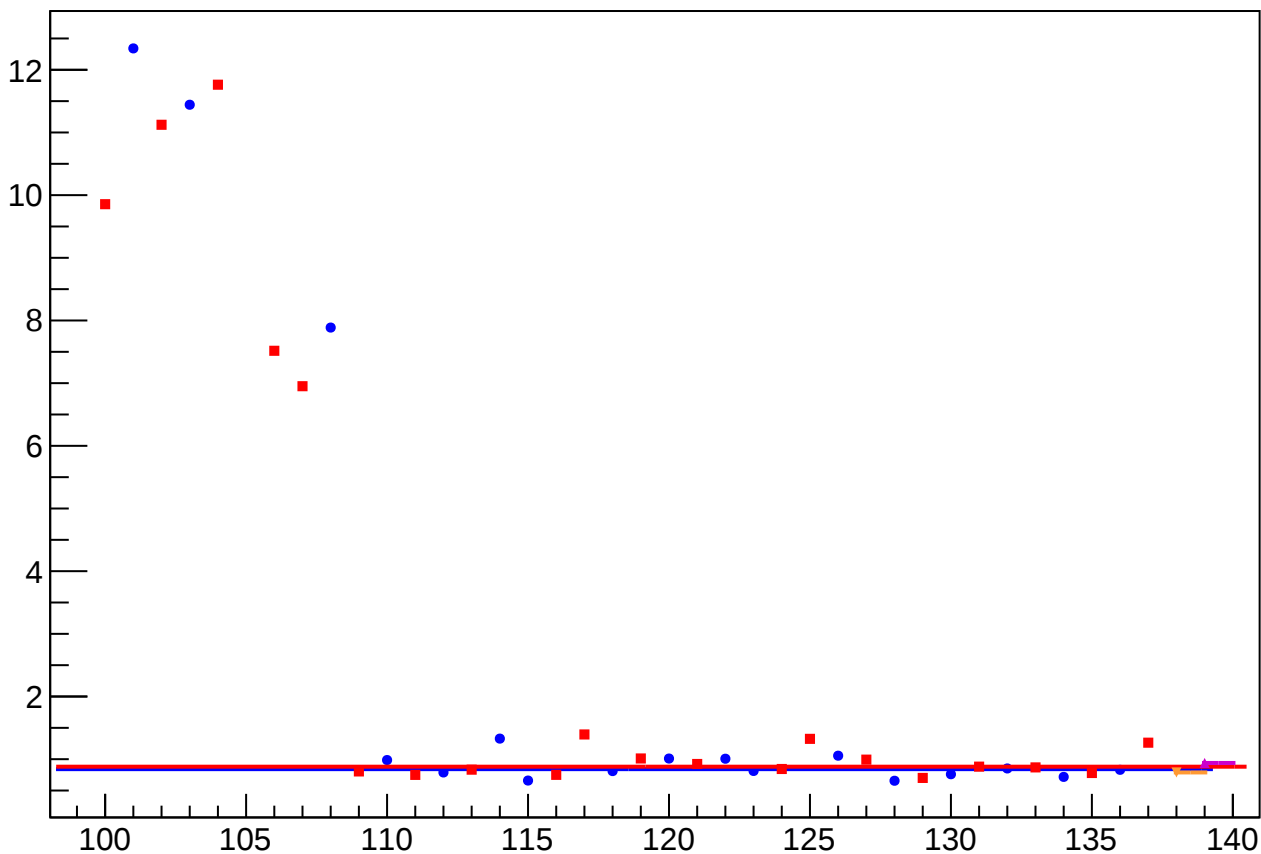
Right Out: 153.832+/-0.000 χ^2/NDF : 33744235949.2/19

Left In: 154.682+/-0.001 χ^2/NDF : 0.0/0

146.068+/-0.000 χ^2/NDF : 24384980270.3/17

153.915+/-0.000 χ^2/NDF : 33744611647.0/20

yield_bcm0l02_rms vs Slug



Right In: 0.841 ± 0.000 χ^2/NDF : 2662395.1/16

Left Out: 0.789 ± 0.001 χ^2/NDF : 0.0/0

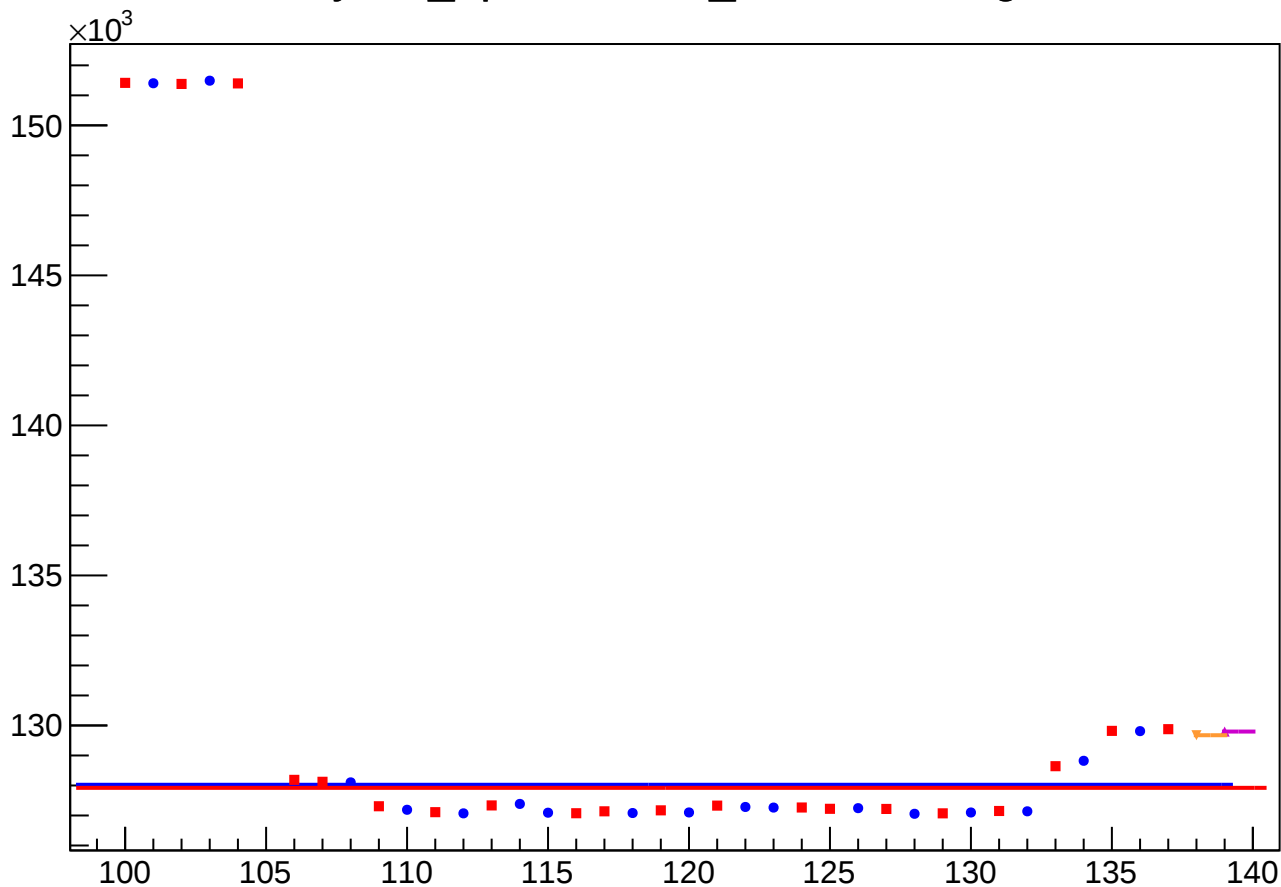
Right Out: 0.880 ± 0.000 χ^2/NDF : 2825356.7/19

Left In: 0.940 ± 0.001 χ^2/NDF : 0.0/0

0.835 ± 0.000 χ^2/NDF : 2666045.7/17

0.886 ± 0.000 χ^2/NDF : 2829038.6/20

yield_bpm2i01WS_mean vs Slug



Right In: 128023.527 $\pm$ 0.055 χ^2 /NDF: 4316540586.9/16

Left Out: 129674.703 $\pm$ 0.209 χ^2 /NDF: 0.0/0

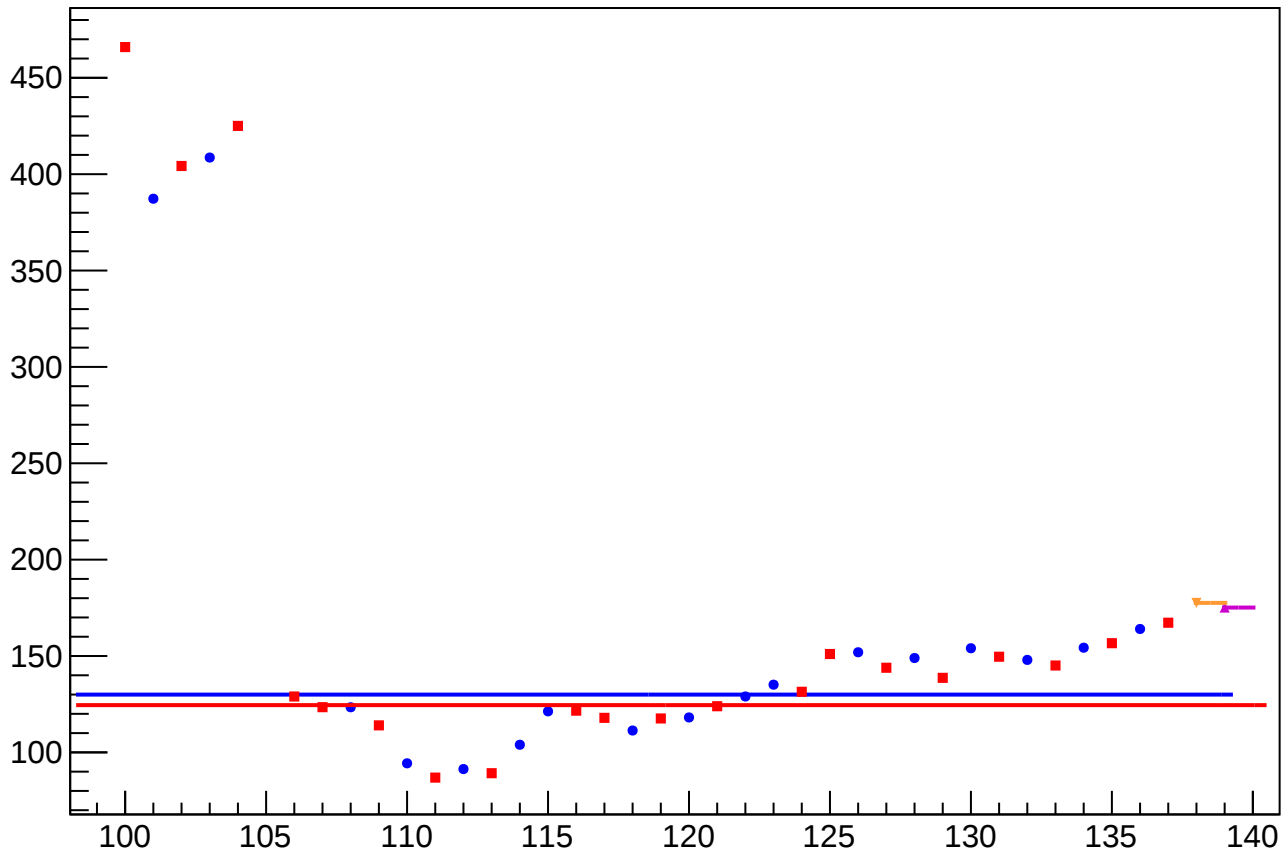
Right Out: 127921.299 $\pm$ 0.050 χ^2 /NDF: 3768965324.4/19

Left In: 129796.969 $\pm$ 0.207 χ^2 /NDF: 0.0/0

128128.397 $\pm$ 0.053 χ^2 /NDF: 4374756514.4/17

128025.742 $\pm$ 0.049 χ^2 /NDF: 3846778292.2/20

yield_bpm2i01WS_rms vs Slug



Right In: 129.980 $\pm$ 0.039 χ^2 /NDF: 1485519.5/16

Left Out: 177.564 $\pm$ 0.148 χ^2 /NDF:0.0/0

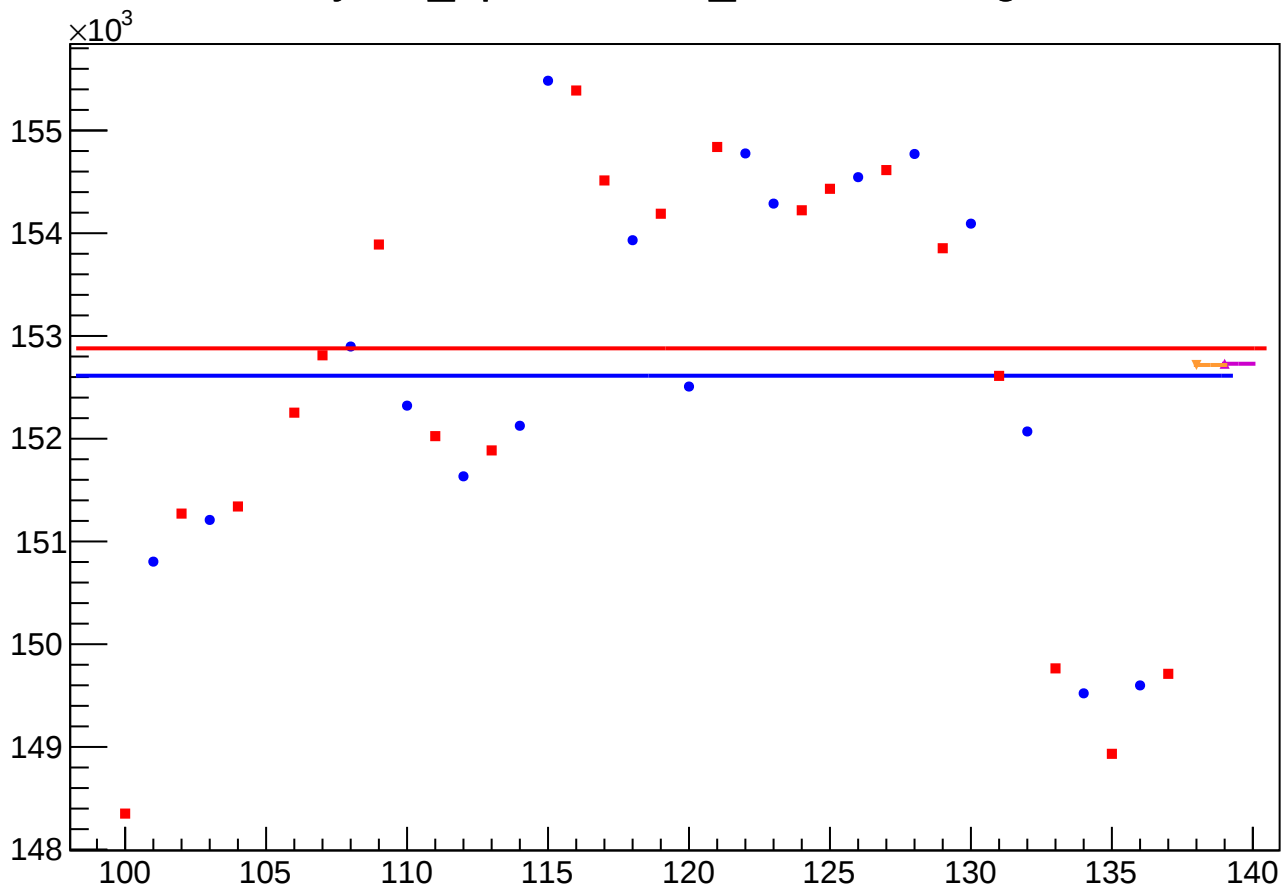
133.002 $\pm$ 0.037 χ^2 /NDF: 1582215.8/17

Right Out: 124.514 $\pm$ 0.035 χ^2 /NDF: 1531546.7/19

127.333 $\pm$ 0.034 χ^2 /NDF: 1644924.9/20

Left In: 175.141 $\pm$ 0.146 χ^2 /NDF:0.0/0

yield_bpm0i07WS_mean vs Slug



Right In: 152613.122 $\pm$ 0.072 χ^2/NDF : 623356098.4/16

Left Out: 152717.567 $\pm$ 0.200 χ^2/NDF : 0.0/0

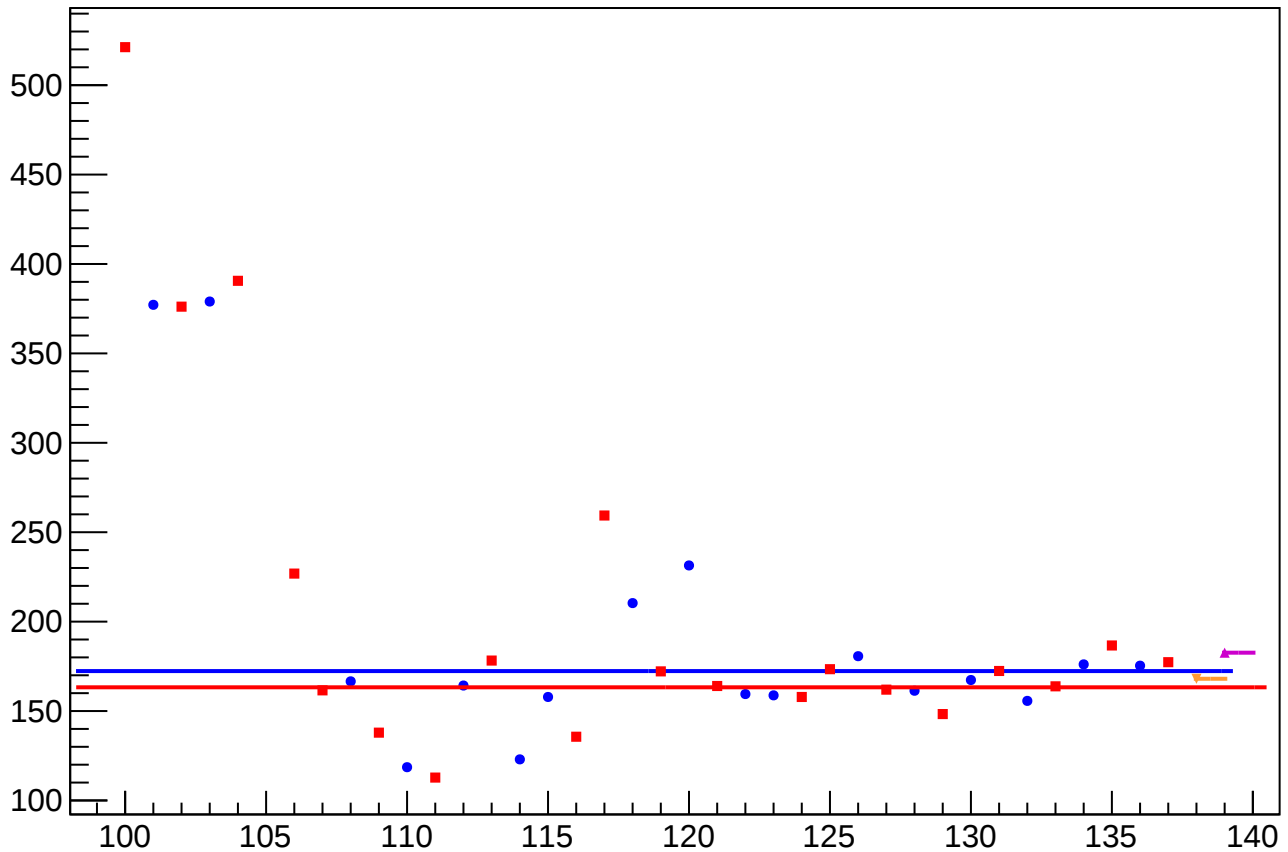
Right Out: 152879.455 $\pm$ 0.066 χ^2/NDF : 717907168.5/19

Left In: 152729.577 $\pm$ 0.216 χ^2/NDF : 0.0/0

152625.235 $\pm$ 0.068 χ^2/NDF : 623598345.7/17

152866.571 $\pm$ 0.063 χ^2/NDF : 718348978.3/20

yield_bpm0i07WS_rms vs Slug



Right In: 172.351+/-0.051 χ^2/NDF : 921911.1/16

Left Out: 168.046+/-0.141 χ^2/NDF : 0.0/0

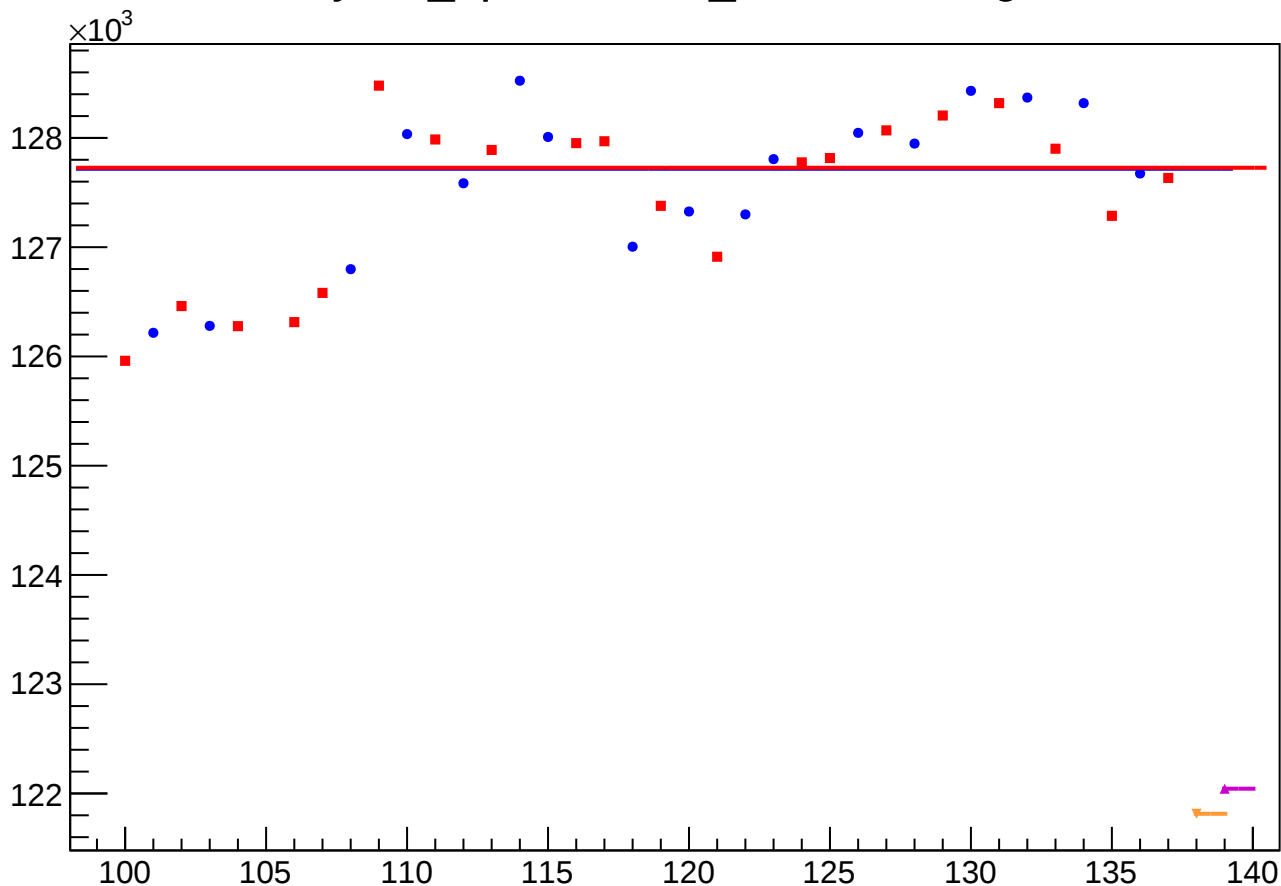
171.852+/-0.048 χ^2/NDF : 922734.4/17

Right Out: 163.273+/-0.047 χ^2/NDF : 1043440.1/19

164.937+/-0.045 χ^2/NDF : 1058182.6/20

Left In: 182.632+/-0.152 χ^2/NDF : 0.0/0

yield_bpm0l01WS_mean vs Slug



Right In: 127717.888 $\pm$ 0.058 χ^2 /NDF: 95177660.2/16

Left Out: 121814.068 $\pm$ 0.180 χ^2 /NDF: 0.0/0

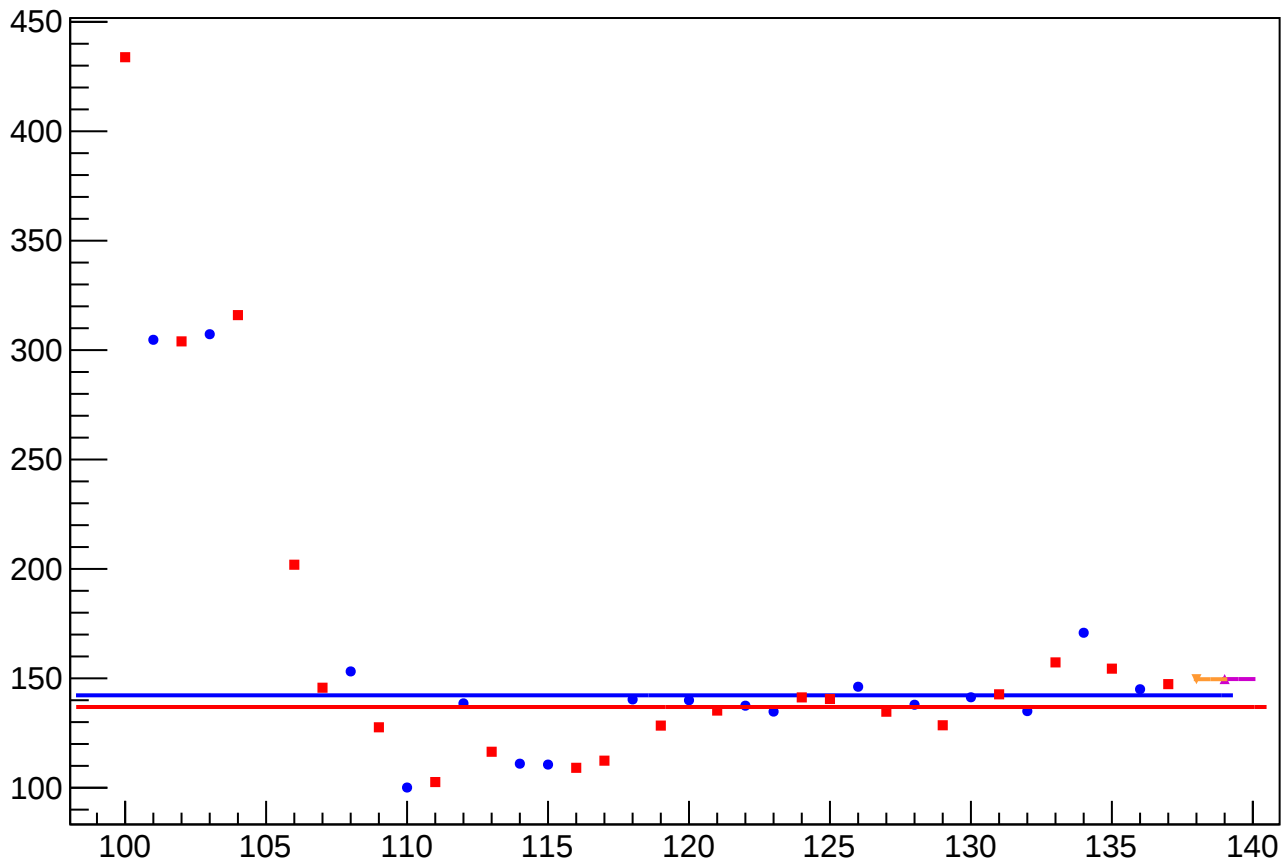
127155.673 $\pm$ 0.055 χ^2 /NDF: 1072254377.9/17

Right Out: 127726.969 $\pm$ 0.054 χ^2 /NDF: 112752557.5/19

127239.263 $\pm$ 0.052 χ^2 /NDF: 1054602054.2/20

Left In: 122043.649 $\pm$ 0.177 χ^2 /NDF: 0.0/0

yield_bpm0l01WS_rms vs Slug



Right In: 142.240 $\pm$ 0.041 χ^2 /NDF: 836415.1/16

Left Out: 149.603 $\pm$ 0.127 χ^2 /NDF: 0.0/0

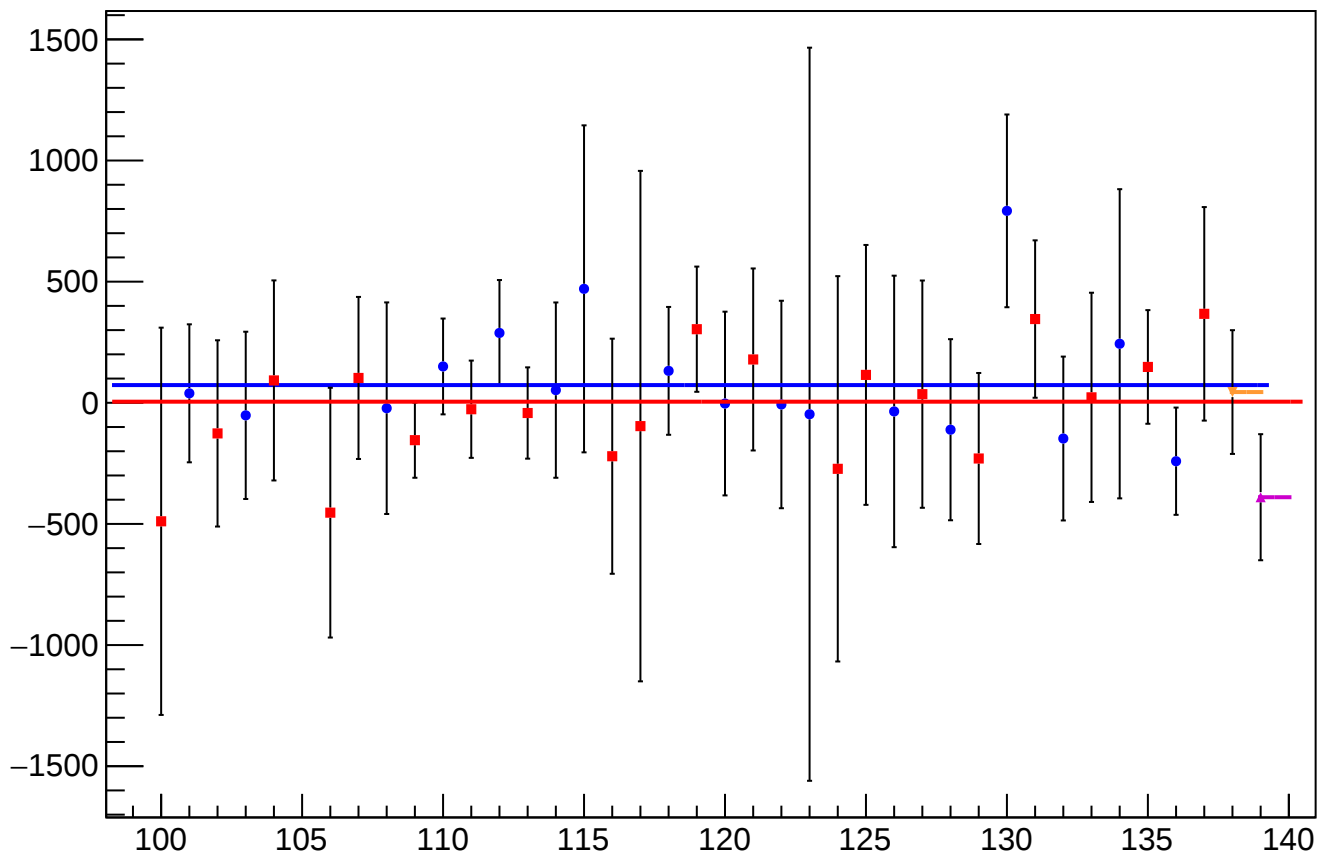
142.941 $\pm$ 0.039 χ^2 /NDF: 839454.8/17

Right Out: 136.904 $\pm$ 0.038 χ^2 /NDF: 961858.5/19

137.999 $\pm$ 0.037 χ^2 /NDF: 971364.4/20

Left In: 149.671 $\pm$ 0.125 χ^2 /NDF: 0.0/0

asym_bcm_an_ds_mean vs Slug



Right In: 73.109+/-79.604 χ^2/NDF : 7.9/16

Left Out: 44.315+/-255.375 χ^2/NDF : 0.0/0

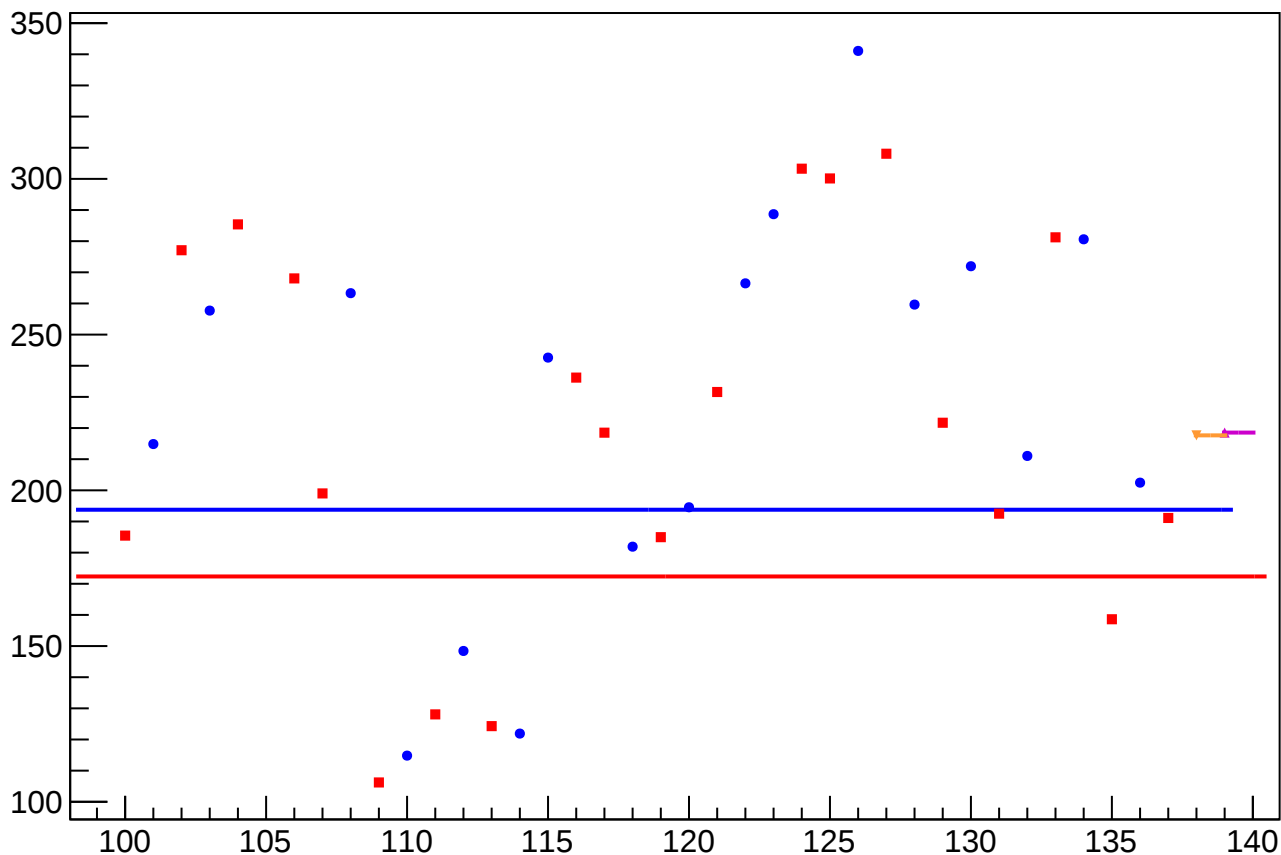
Right Out: 4.574+/-69.944 χ^2/NDF : 7.1/19

Left In: -389.747+/-260.199 χ^2/NDF : 0.0/0

70.559+/-75.997 χ^2/NDF : 7.9/17

-21.999+/-67.546 χ^2/NDF : 9.2/20

asym_bcm_an_ds_rms vs Slug



Right In: 193.773+/-0.056 χ^2/NDF : 1017081.7/16

Left Out: 217.650+/-0.181 χ^2/NDF : 0.0/0

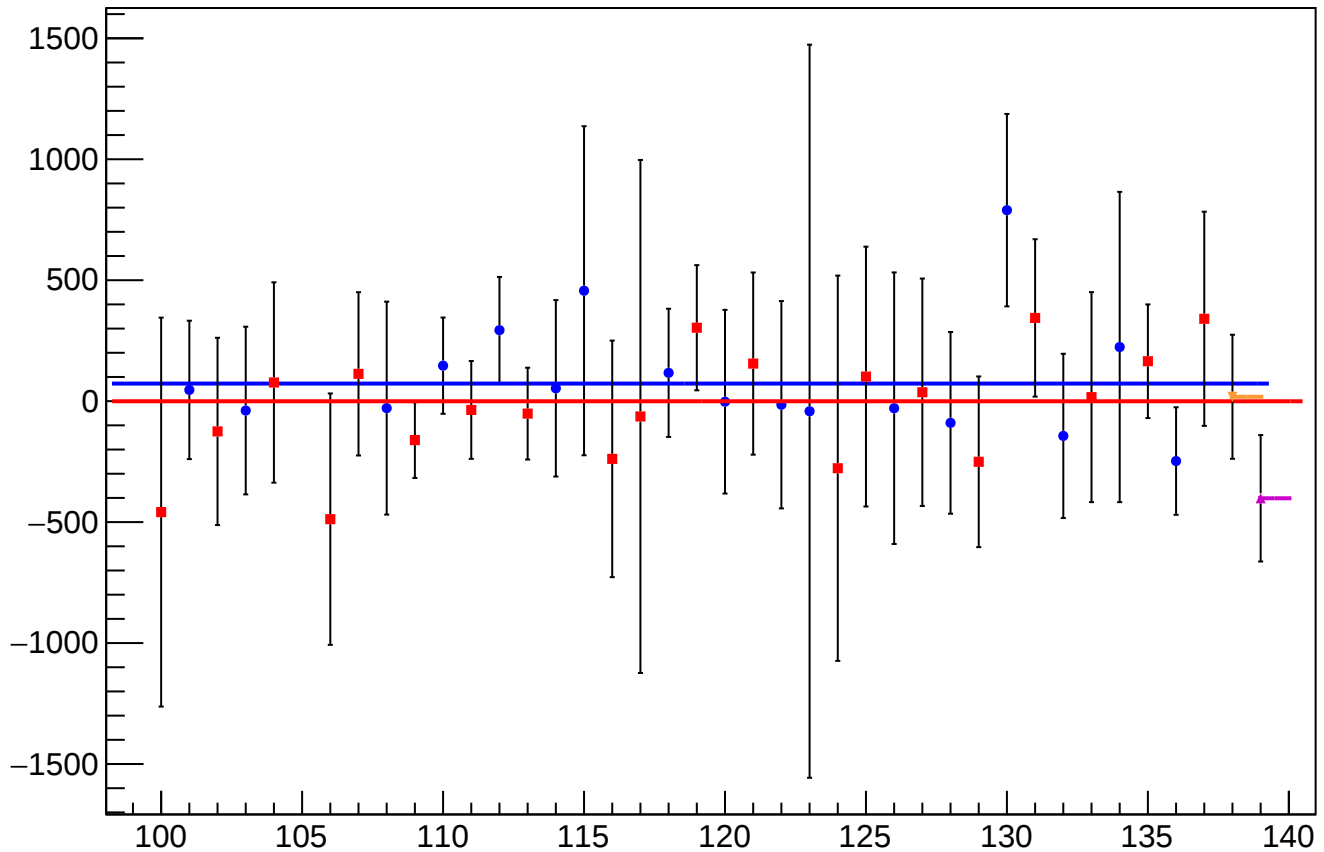
Right Out: 172.346+/-0.049 χ^2/NDF : 1583893.0/19

Left In: 218.542+/-0.184 χ^2/NDF : 0.0/0

195.887+/-0.054 χ^2/NDF : 1033017.8/17

175.459+/-0.048 χ^2/NDF : 1642685.4/20

asym_bcm_an_ds3_mean vs Slug



Right In: 72.675+/-79.992 χ^2/NDF : 7.8/16

Left Out: 18.151+/-256.464 χ^2/NDF : 0.0/0

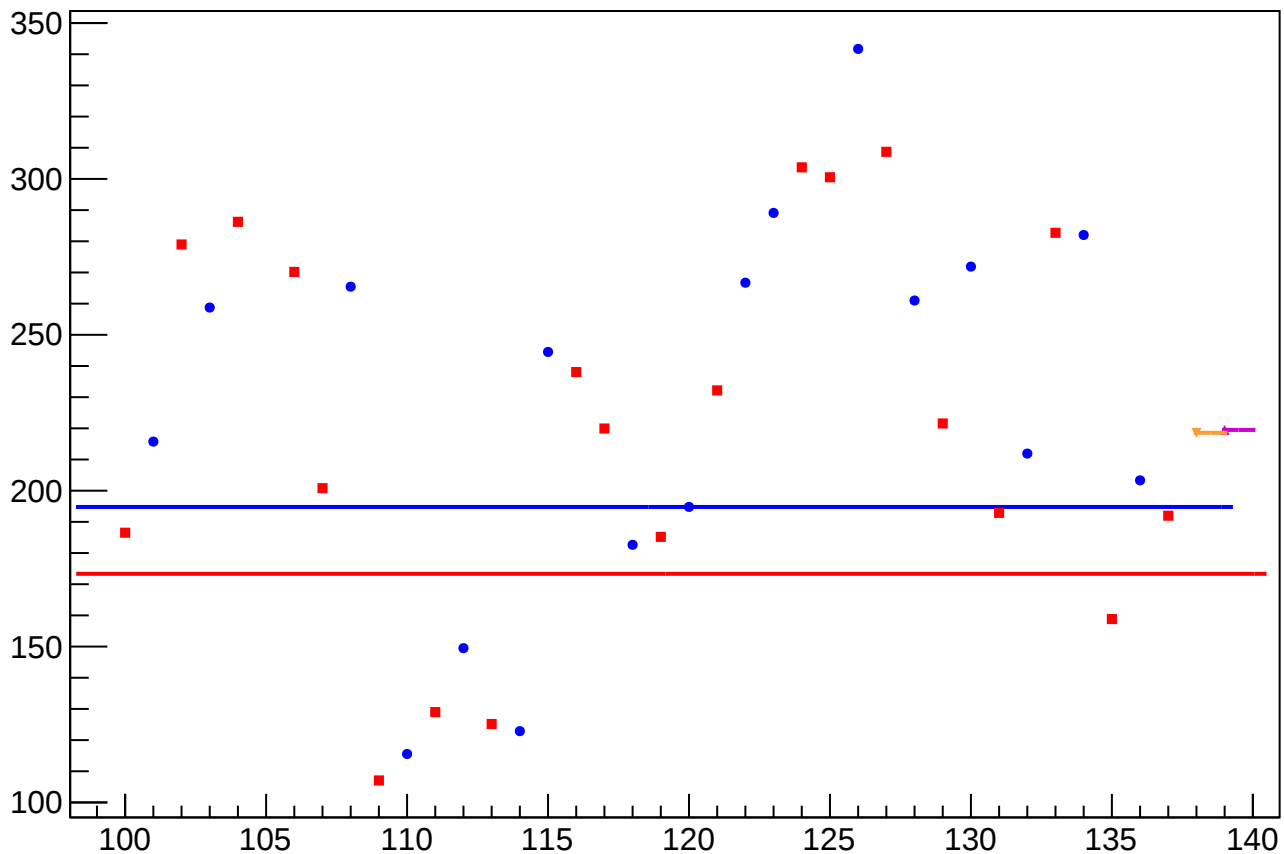
Right Out: -0.459+/-70.312 χ^2/NDF : 7.3/19

Left In: -401.473+/-261.327 χ^2/NDF : 0.0/0

67.841+/-76.363 χ^2/NDF : 7.8/17

-27.529+/-67.897 χ^2/NDF : 9.5/20

asym_bcm_an_ds3_rms vs Slug



Right In: 194.782 $\pm$ 0.057 χ^2 /NDF: 1008292.8/16

Left Out: 218.573 $\pm$ 0.181 χ^2 /NDF:0.0/0

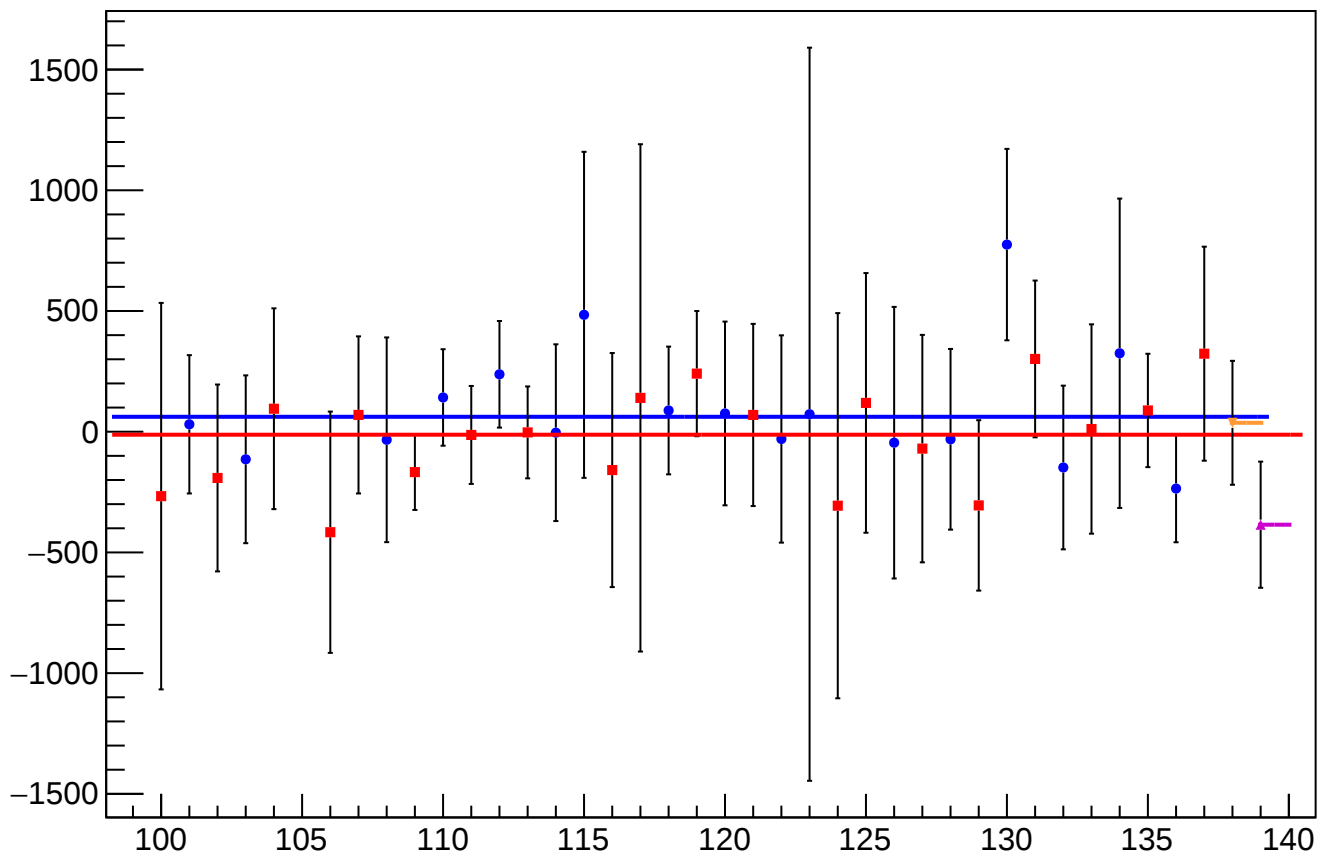
196.892 $\pm$ 0.054 χ^2 /NDF: 1023977.9/17

Right Out: 173.337 $\pm$ 0.050 χ^2 /NDF: 1571436.7/19

Left In: 219.487 $\pm$ 0.185 χ^2 /NDF:0.0/0

176.452 $\pm$ 0.048 χ^2 /NDF: 1629599.4/20

asym_bcm_an_us_mean vs Slug



Right In: 61.814+/-79.986 χ^2/NDF : 7.3/16

Left Out: 36.928+/-256.646 χ^2/NDF : 0.0/0

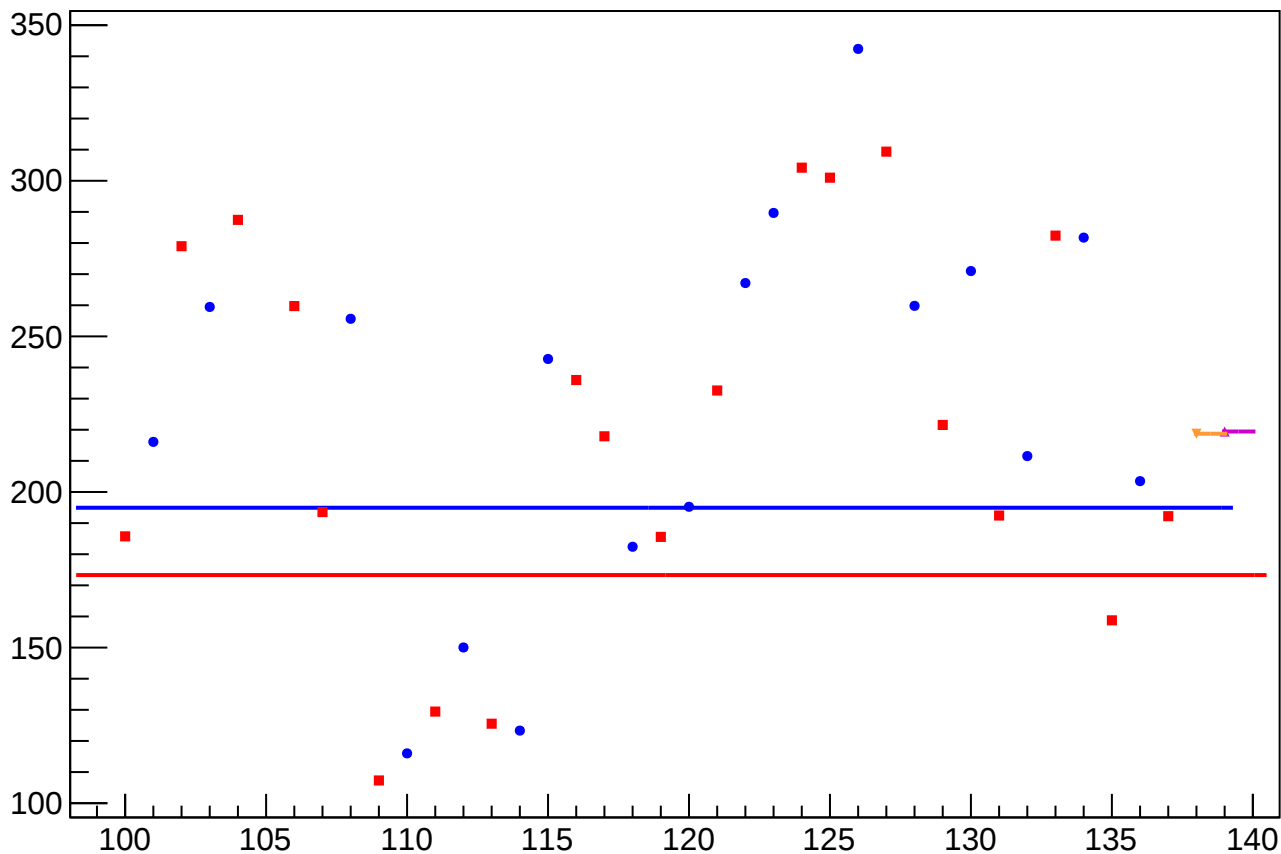
Right Out: -12.417+/-70.233 χ^2/NDF : 5.8/19

Left In: -385.167+/-261.260 χ^2/NDF : 0.0/0

59.611+/-76.364 χ^2/NDF : 7.3/17

-37.538+/-67.825 χ^2/NDF : 7.7/20

asym_bcm_an_us_rms vs Slug



Right In: 194.939+/-0.057 χ^2/NDF : 986629.1/16

Left Out: 218.724+/-0.181 χ^2/NDF : 0.0/0

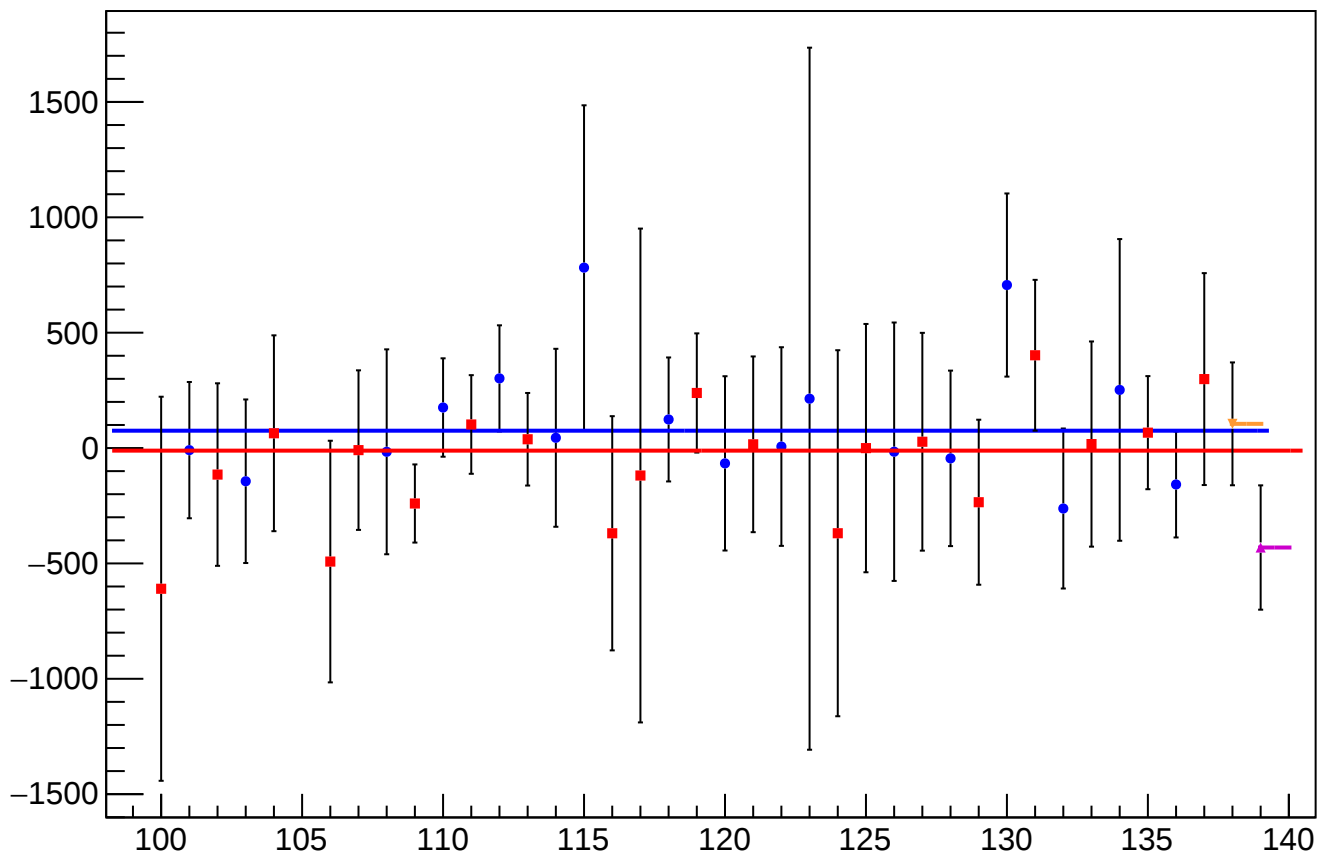
Right Out: 173.309+/-0.050 χ^2/NDF : 1548342.3/19

Left In: 219.432+/-0.185 χ^2/NDF : 0.0/0

197.045+/-0.054 χ^2/NDF : 1002286.2/17

176.418+/-0.048 χ^2/NDF : 1606473.7/20

asym_bcm_dg_us_mean vs Slug



Right In: 75.207 $\pm$ 82.504 χ^2 /NDF: 7.6/16

Left Out: 104.914 $\pm$ 266.200 χ^2 /NDF: 0.0/0

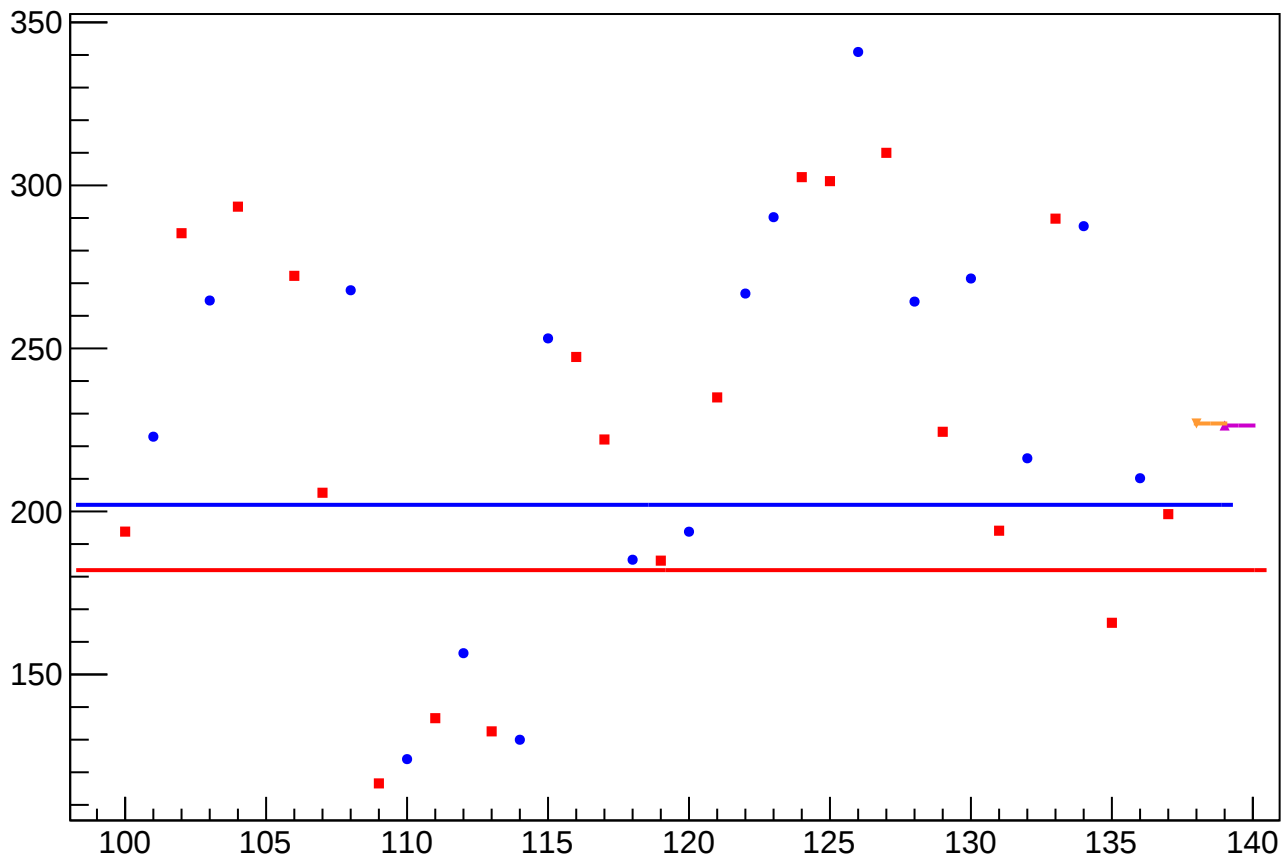
Right Out: -11.180 $\pm$ 73.166 χ^2 /NDF: 7.8/19

Left In: -431.075 $\pm$ 269.403 χ^2 /NDF: 0.0/0

77.810 $\pm$ 78.806 χ^2 /NDF: 7.6/17

-40.023 $\pm$ 70.608 χ^2 /NDF: 10.1/20

asym_bcm_dg_us_rms vs Slug



Right In: 202.029+/-0.058 χ^2/NDF : 881608.7/16

Left Out: 226.974+/-0.188 χ^2/NDF : 0.0/0

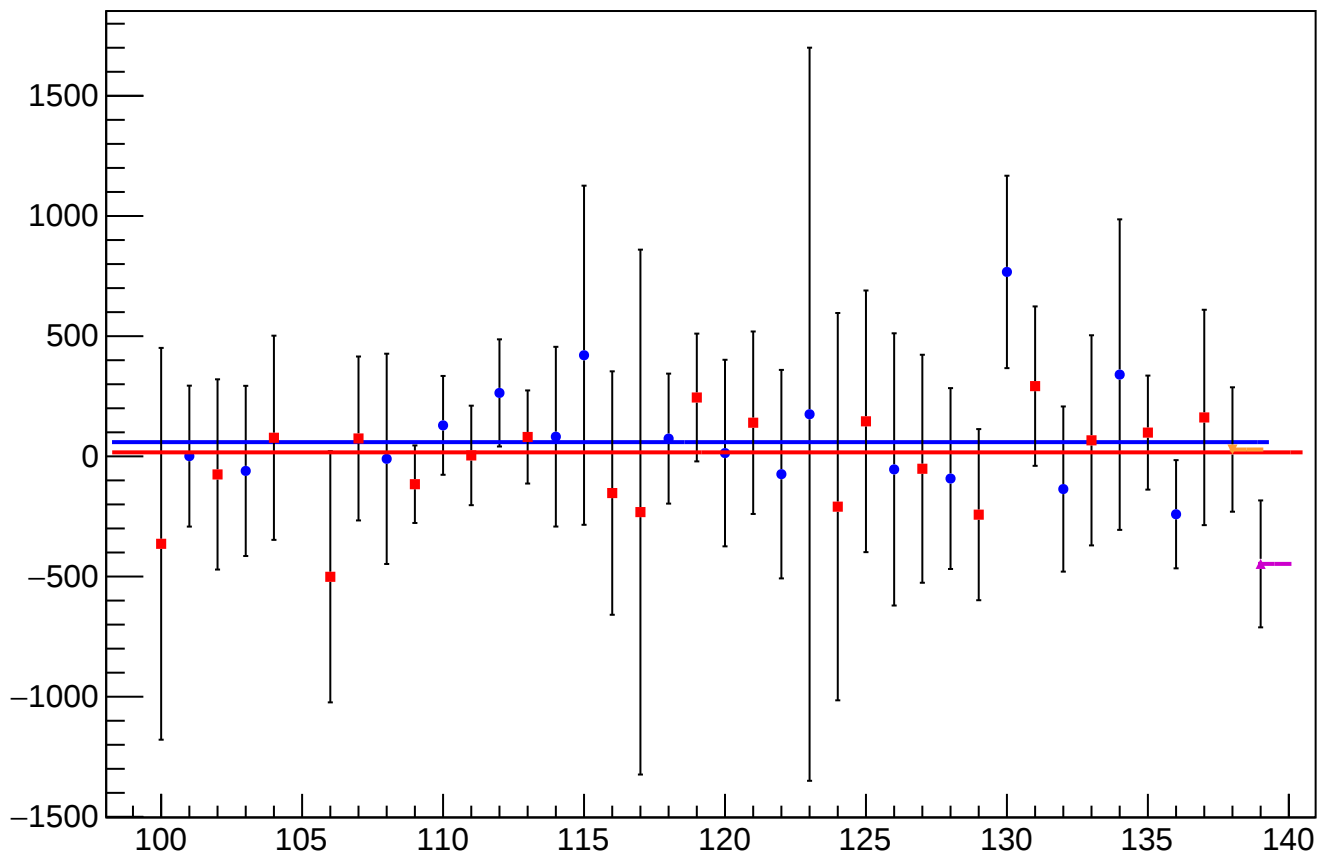
Right Out: 182.000+/-0.052 χ^2/NDF : 1380354.3/19

Left In: 226.357+/-0.190 χ^2/NDF : 0.0/0

204.215+/-0.056 χ^2/NDF : 897632.1/17

185.046+/-0.050 χ^2/NDF : 1430848.9/20

asym_bcm_dg_ds_mean vs Slug



Right In: 59.175+/-81.417 χ^2/NDF : 7.1/16

Left Out: 28.507+/-258.830 χ^2/NDF : 0.0/0

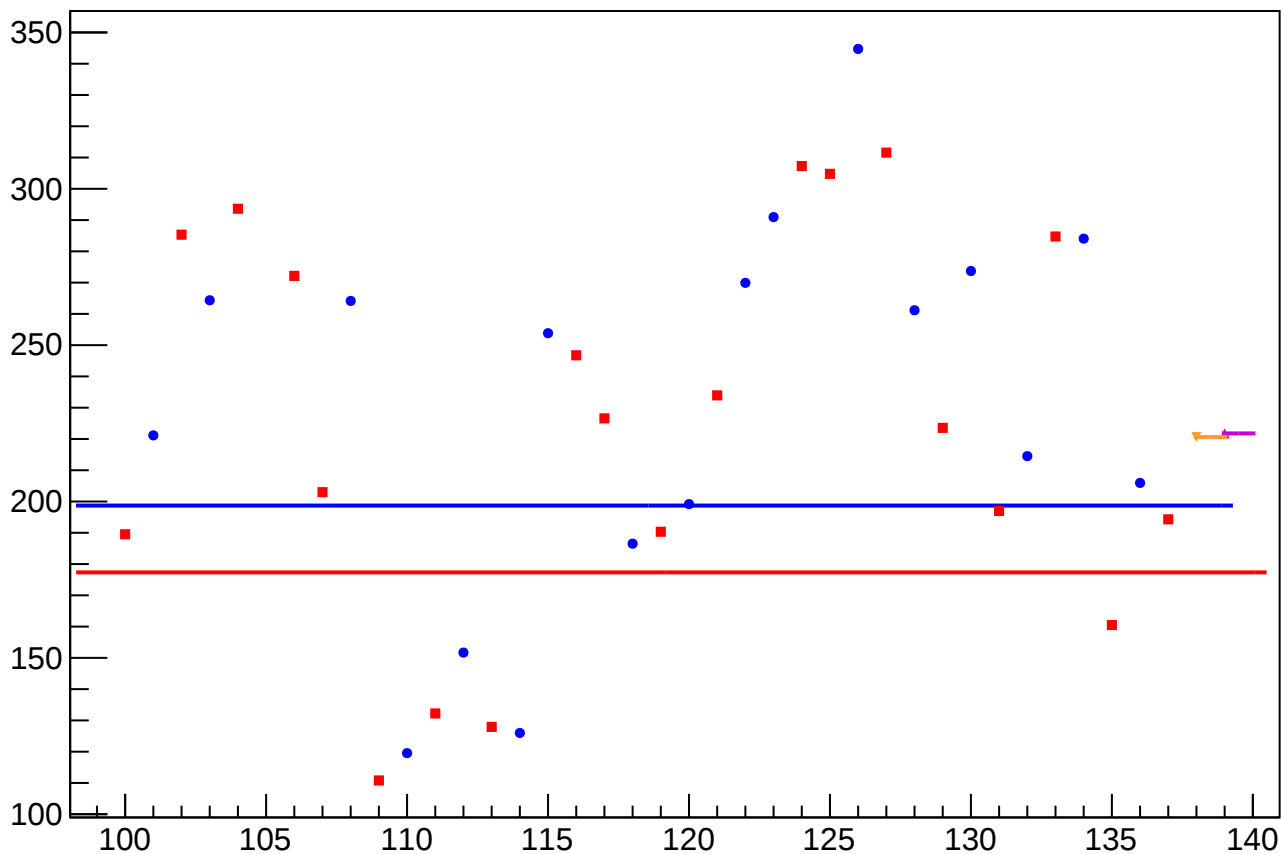
Right Out: 16.650+/-71.745 χ^2/NDF : 4.7/19

Left In: -447.396+/-264.034 χ^2/NDF : 0.0/0

56.413+/-77.665 χ^2/NDF : 7.2/17

-15.257+/-69.234 χ^2/NDF : 7.6/20

asym_bcm_dg_ds_rms vs Slug



Right In: 198.704 $\pm$ 0.058 χ^2 /NDF: 963394.4/16

Left Out: 220.604 $\pm$ 0.183 χ^2 /NDF: 0.0/0

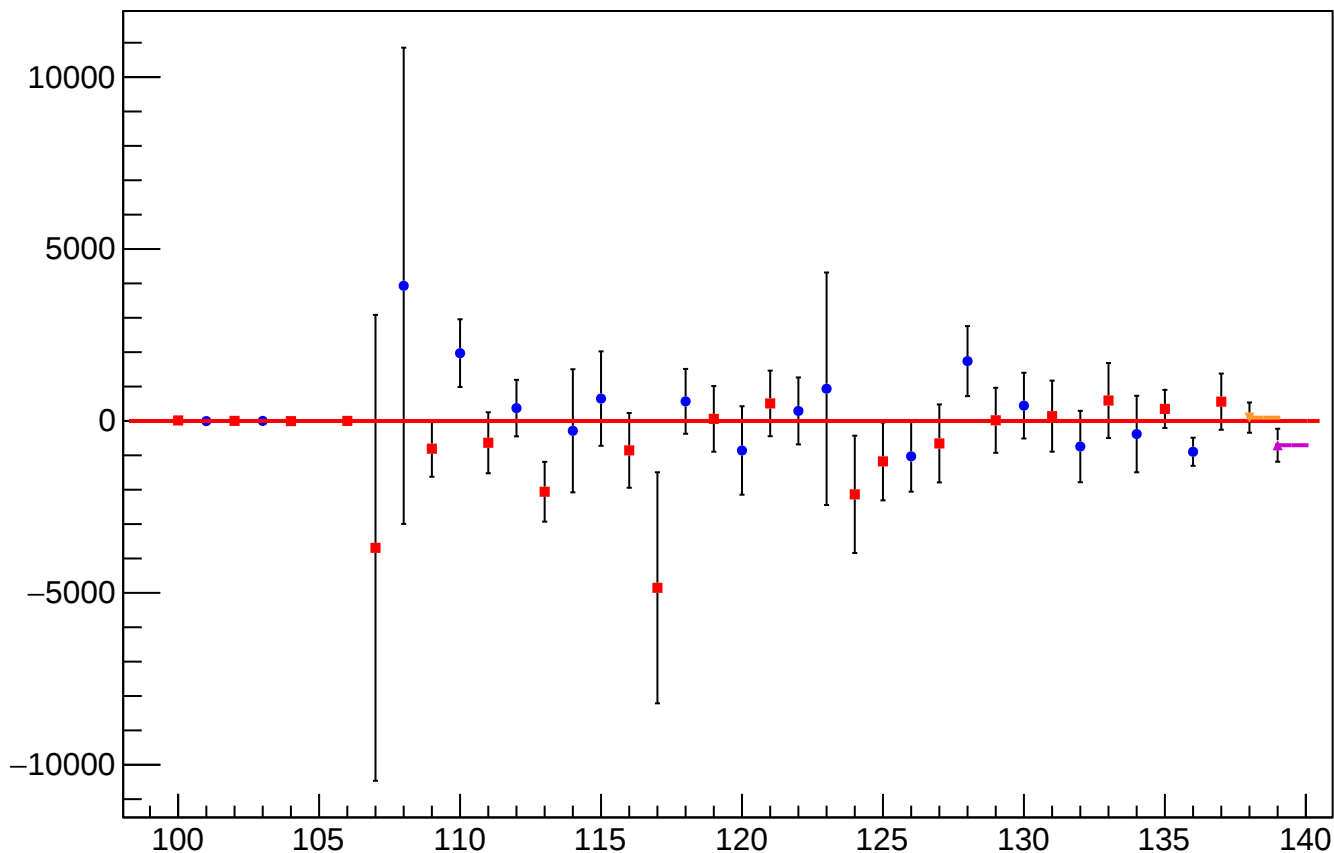
Right Out: 177.338 $\pm$ 0.051 χ^2 /NDF: 1528976.8/19

Left In: 221.776 $\pm$ 0.187 χ^2 /NDF: 0.0/0

200.675 $\pm$ 0.055 χ^2 /NDF: 976424.1/17

180.394 $\pm$ 0.049 χ^2 /NDF: 1581733.3/20

asym_cav4bQ_mean vs Slug



Right In: -1.529+/-2.251 χ^2 /NDF: 16.6/16

Left Out: 96.714+/-439.639 χ^2 /NDF:0.0/0

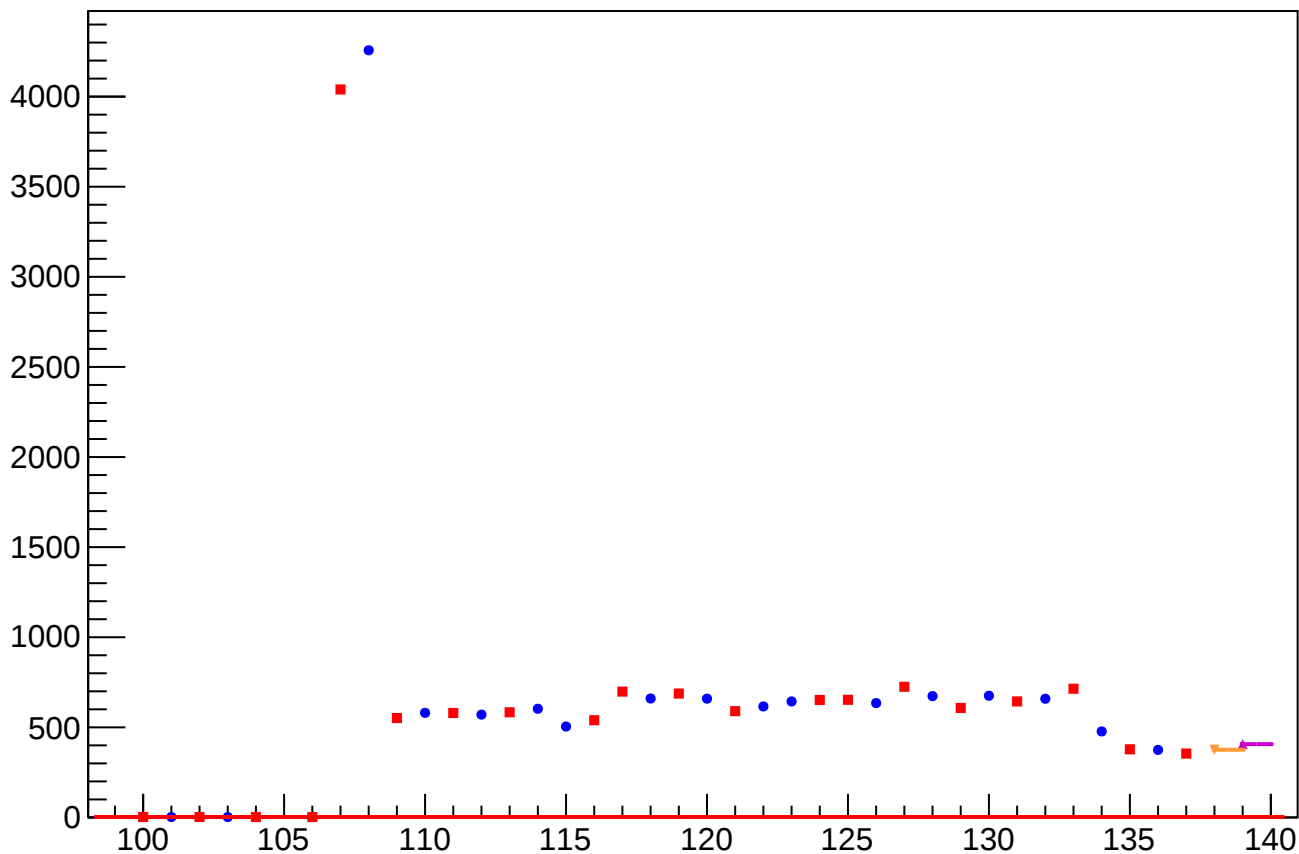
Right Out: -0.733+/-2.111 χ^2 /NDF: 20.5/19

Left In: -706.487+/-479.995 χ^2 /NDF:0.0/0

-1.526+/-2.251 χ^2 /NDF: 16.7/17

-0.747+/-2.111 χ^2 /NDF: 22.6/20

asym_cav4bQ_rms vs Slug



Right In: 2.456+/-0.002 χ^2/NDF : 10706347.4/16

Left Out: 375.729+/-0.311 χ^2/NDF : 0.0/0

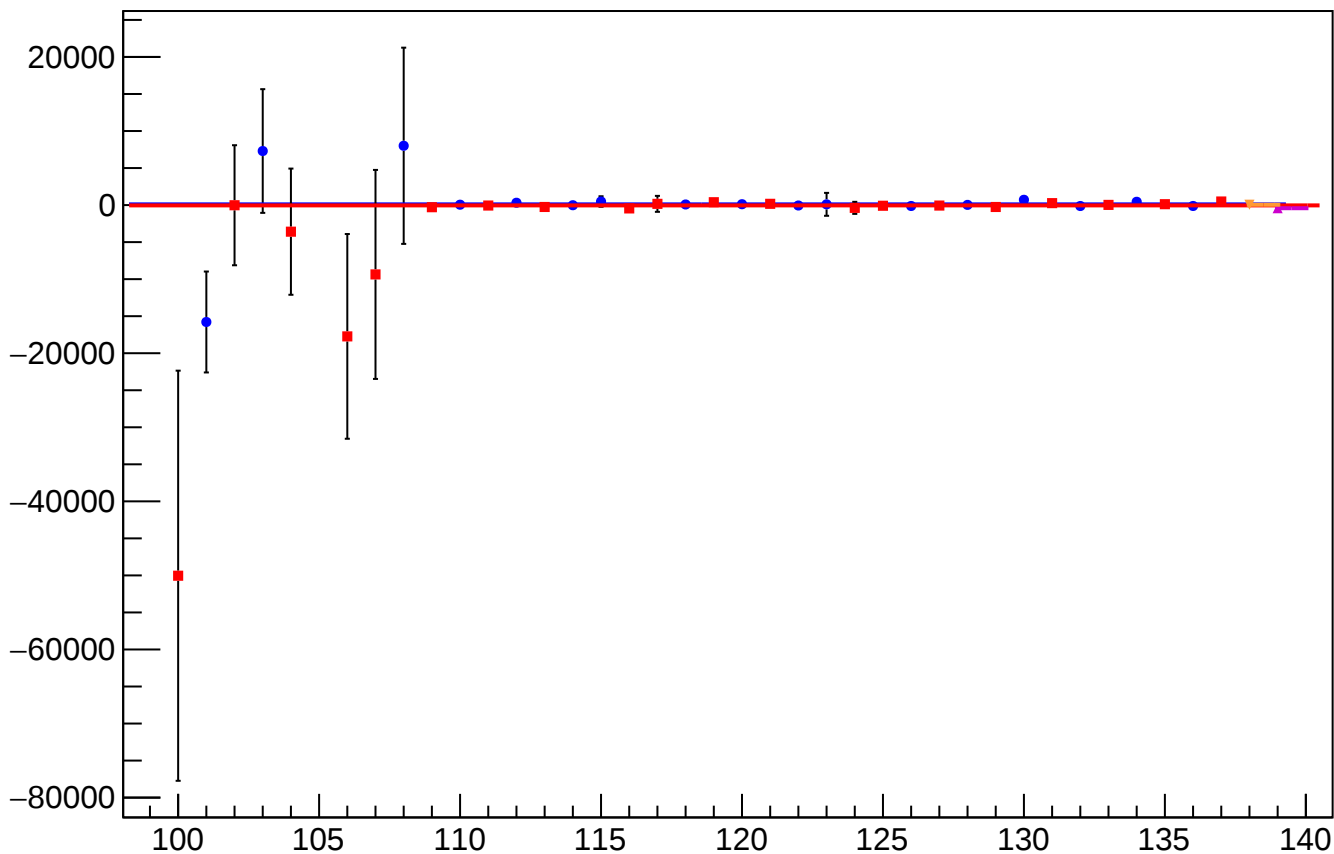
Right Out: 2.437+/-0.001 χ^2/NDF : 11225999.1/19

Left In: 406.749+/-0.339 χ^2/NDF : 0.0/0

2.466+/-0.002 χ^2/NDF : 12148060.0/17

2.445+/-0.001 χ^2/NDF : 12644992.9/20

asym_cav4cQ_mean vs Slug



Right In: 95.353+/-91.708 χ^2/NDF : 12.0/16

Left Out: 48.838+/-260.113 χ^2/NDF : 0.0/0

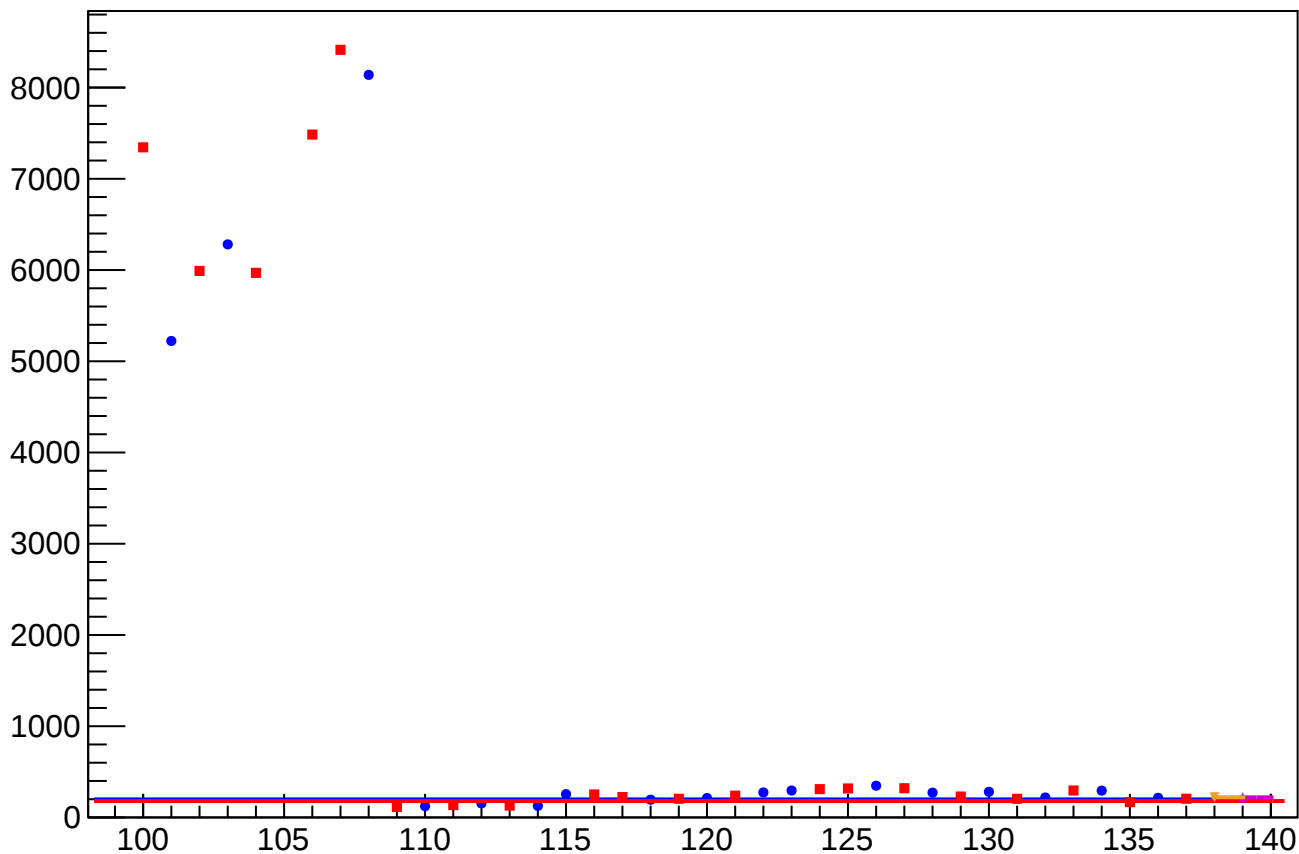
Right Out: -41.335+/-84.288 χ^2/NDF : 14.0/19

Left In: -422.438+/-262.902 χ^2/NDF : 0.0/0

90.210+/-86.490 χ^2/NDF : 12.0/17

-76.856+/-80.263 χ^2/NDF : 15.9/20

asym_cav4cQ_rms vs Slug



Right In: 197.422+/-0.065 χ^2/NDF : 3695848.3/16

Left Out: 221.182+/-0.184 χ^2/NDF : 0.0/0

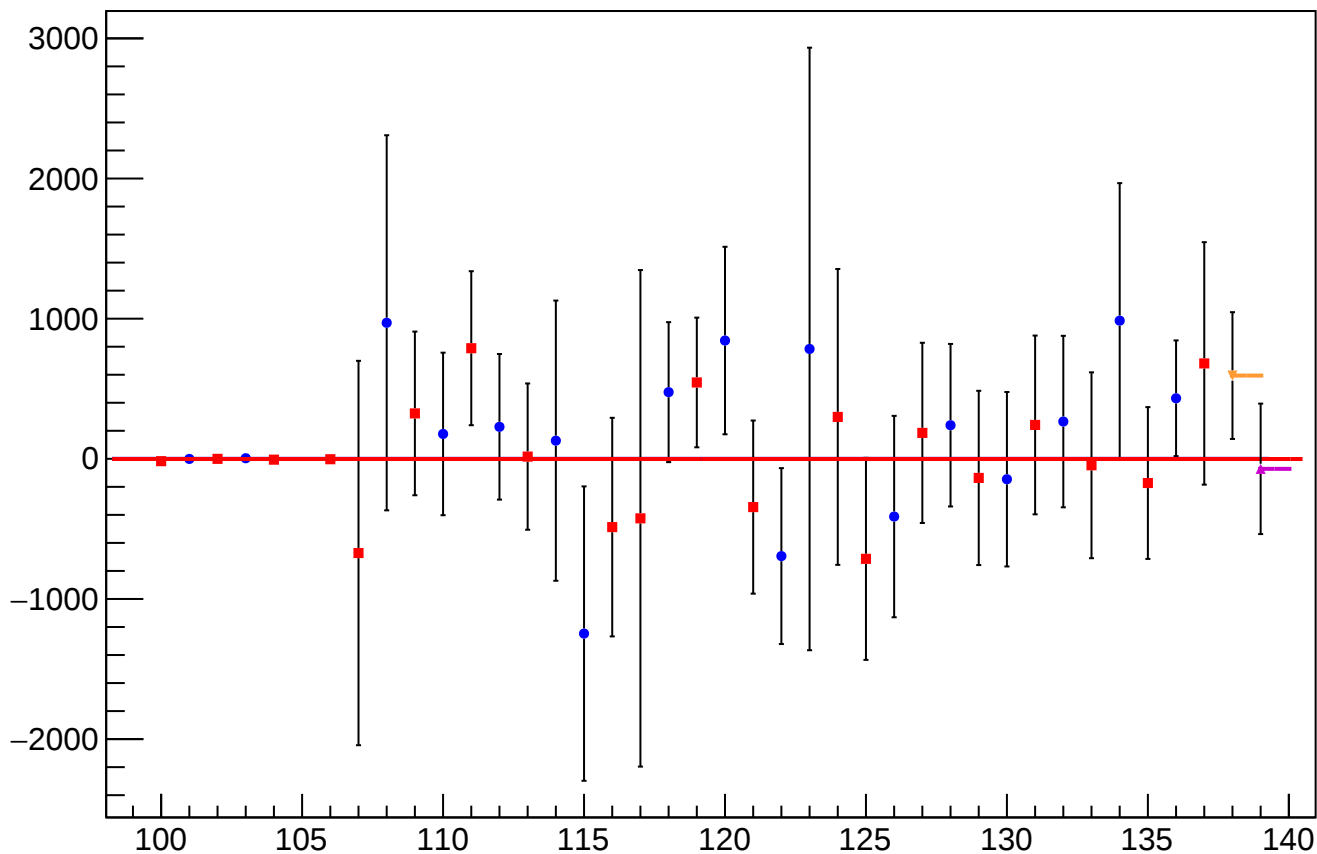
Right Out: 180.250+/-0.060 χ^2/NDF : 4324682.8/19

Left In: 220.318+/-0.186 χ^2/NDF : 0.0/0

200.049+/-0.061 χ^2/NDF : 3710691.7/17

183.985+/-0.057 χ^2/NDF : 4366807.6/20

asym_cav4dQ_mean vs Slug



Right In: -0.139 ± 1.737 χ^2/NDF : 9.8/16

Left Out: 593.976 ± 452.268 χ^2/NDF : 0.0/0

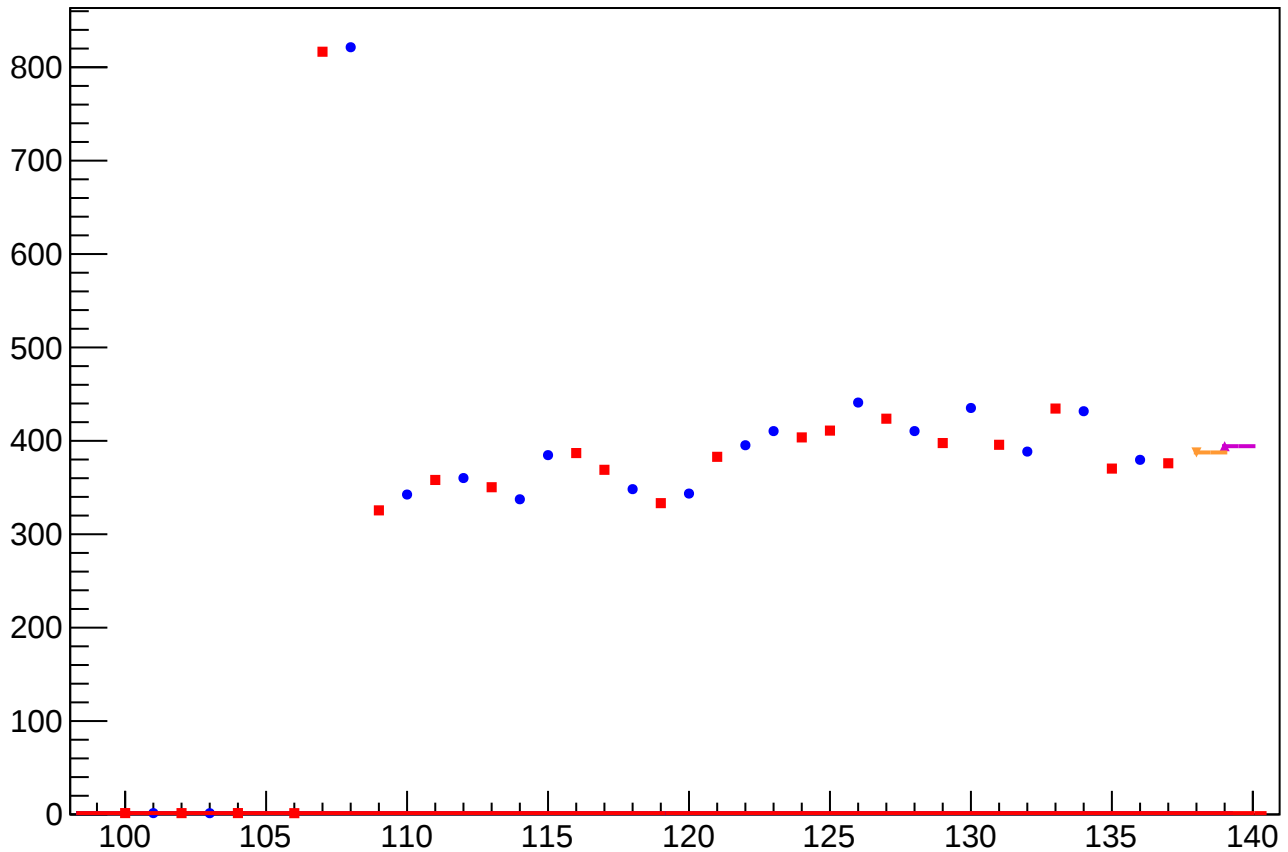
Right Out: -1.324 ± 1.623 χ^2/NDF : 9.6/19

Left In: -71.565 ± 465.491 χ^2/NDF : 0.0/0

-0.130 ± 1.737 χ^2/NDF : 11.5/17

-1.325 ± 1.623 χ^2/NDF : 9.6/20

asym_cav4dQ_rms vs Slug



Right In: 1.452+/-0.001 χ^2/NDF : 10815892.9/16

Left Out: 387.583+/-0.320 χ^2/NDF : 0.0/0

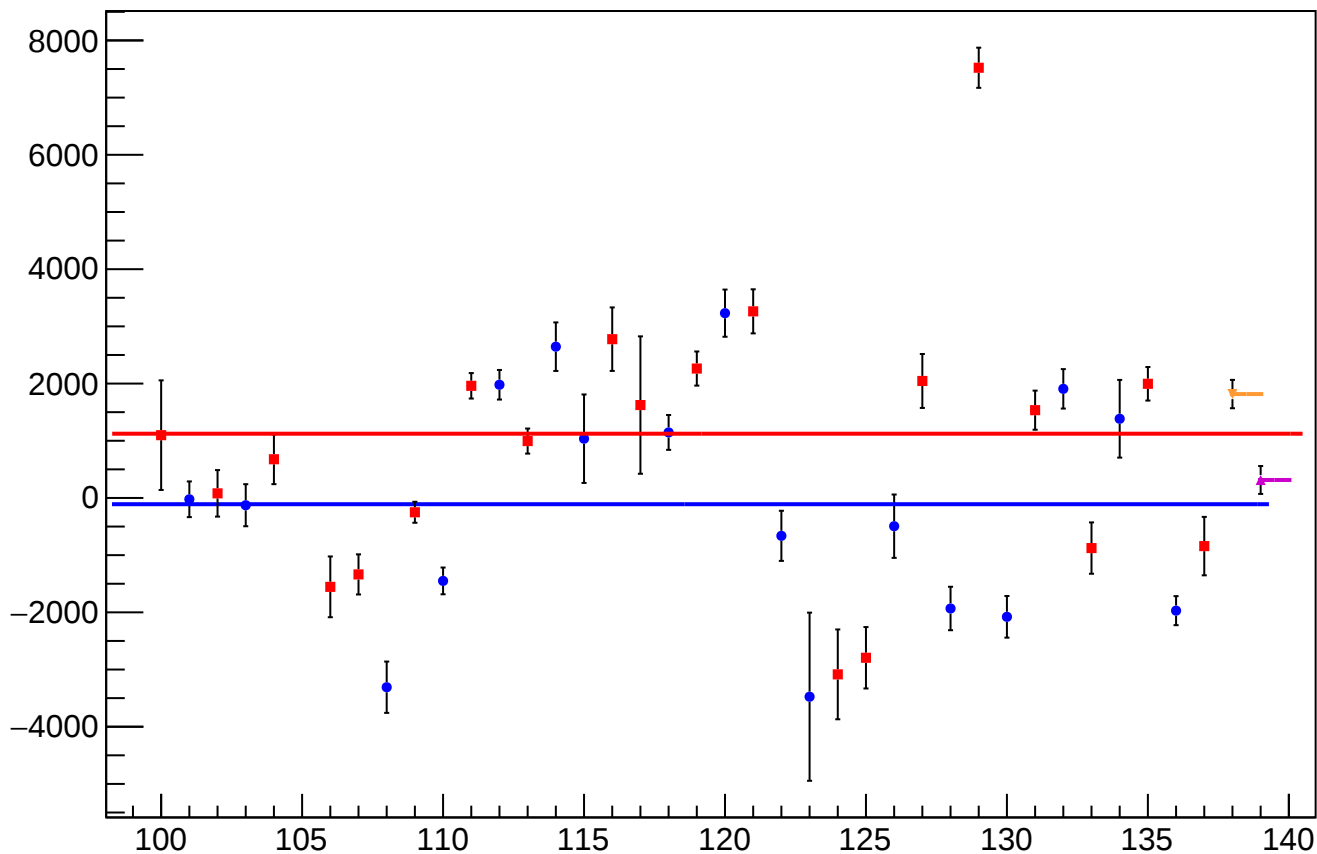
Right Out: 1.451+/-0.001 χ^2/NDF : 10959647.1/19

Left In: 394.289+/-0.329 χ^2/NDF : 0.0/0

1.458+/-0.001 χ^2/NDF : 12273704.6/17

1.456+/-0.001 χ^2/NDF : 12384032.9/20

asym_bcm0l02_mean vs Slug



Right In: -109.225+/-87.961 χ^2/NDF : 428.3/16

Left Out: 1816.614+/-248.032 χ^2/NDF : 0.0/0

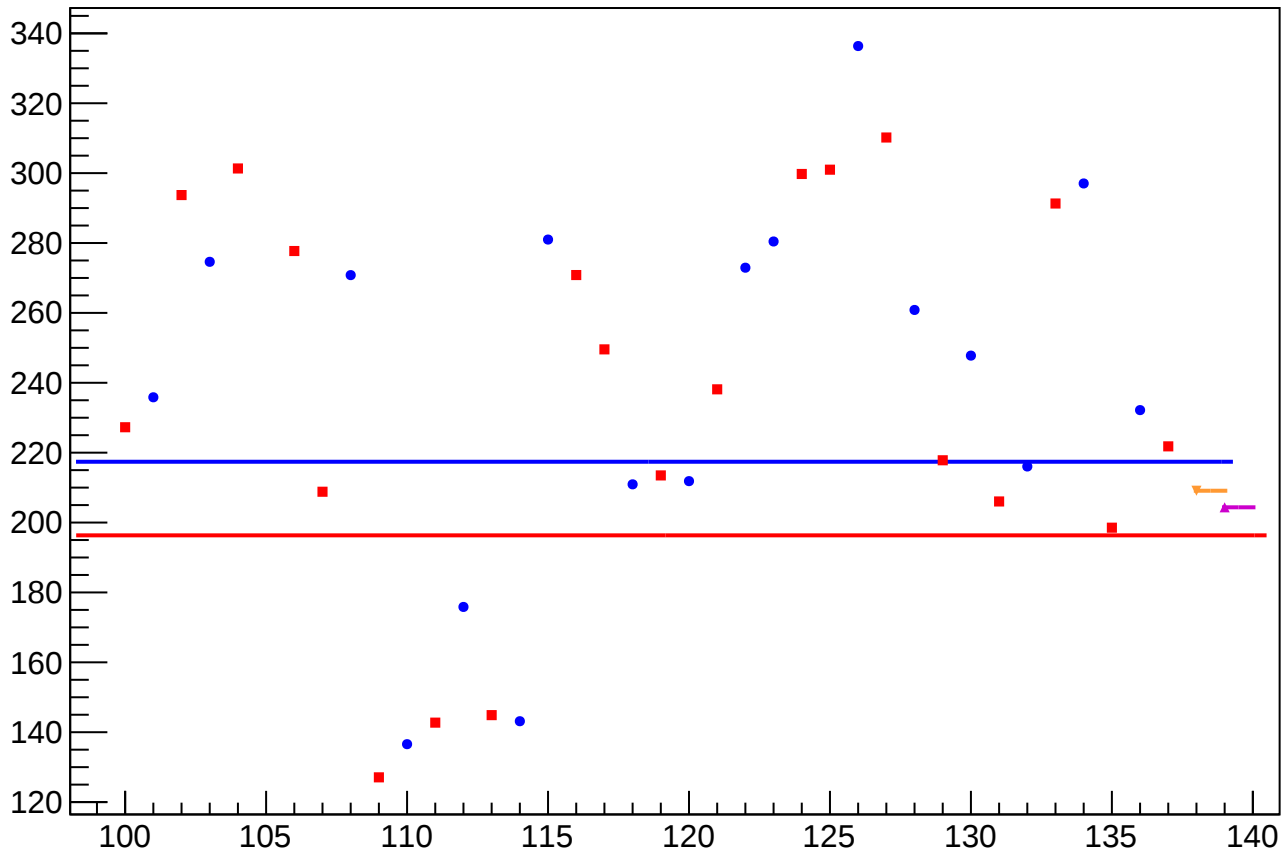
Right Out: 1123.337+/-78.230 χ^2/NDF : 670.2/19

Left In: 314.275+/-243.699 χ^2/NDF : 0.0/0

105.924+/-82.902 χ^2/NDF : 481.9/17

1047.754+/-74.486 χ^2/NDF : 680.2/20

asym_bcm0l02_rms vs Slug



Right In: 217.403+/-0.062 χ^2/NDF : 652632.9/16

Left Out: 209.106+/-0.175 χ^2/NDF : 0.0/0

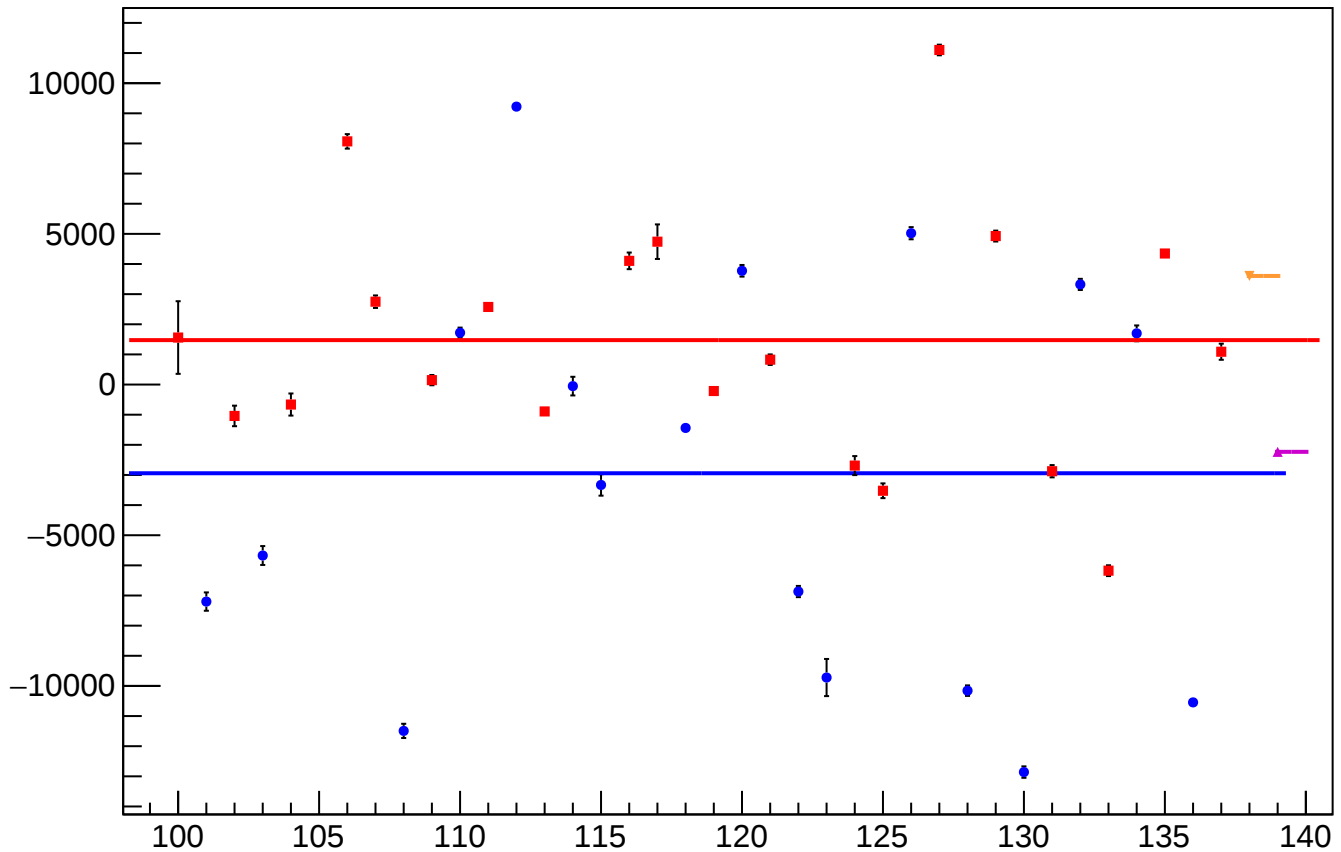
Right Out: 196.339+/-0.055 χ^2/NDF : 1194805.7/19

Left In: 204.362+/-0.172 χ^2/NDF : 0.0/0

216.476+/-0.059 χ^2/NDF : 654620.7/17

197.088+/-0.053 χ^2/NDF : 1196771.0/20

asym_bpm2i01WS_mean vs Slug



Right In: -2943.123+/-48.612 χ^2/NDF : 20909.8/16

Left Out: 3603.660+/-140.015 χ^2/NDF : 0.0/0

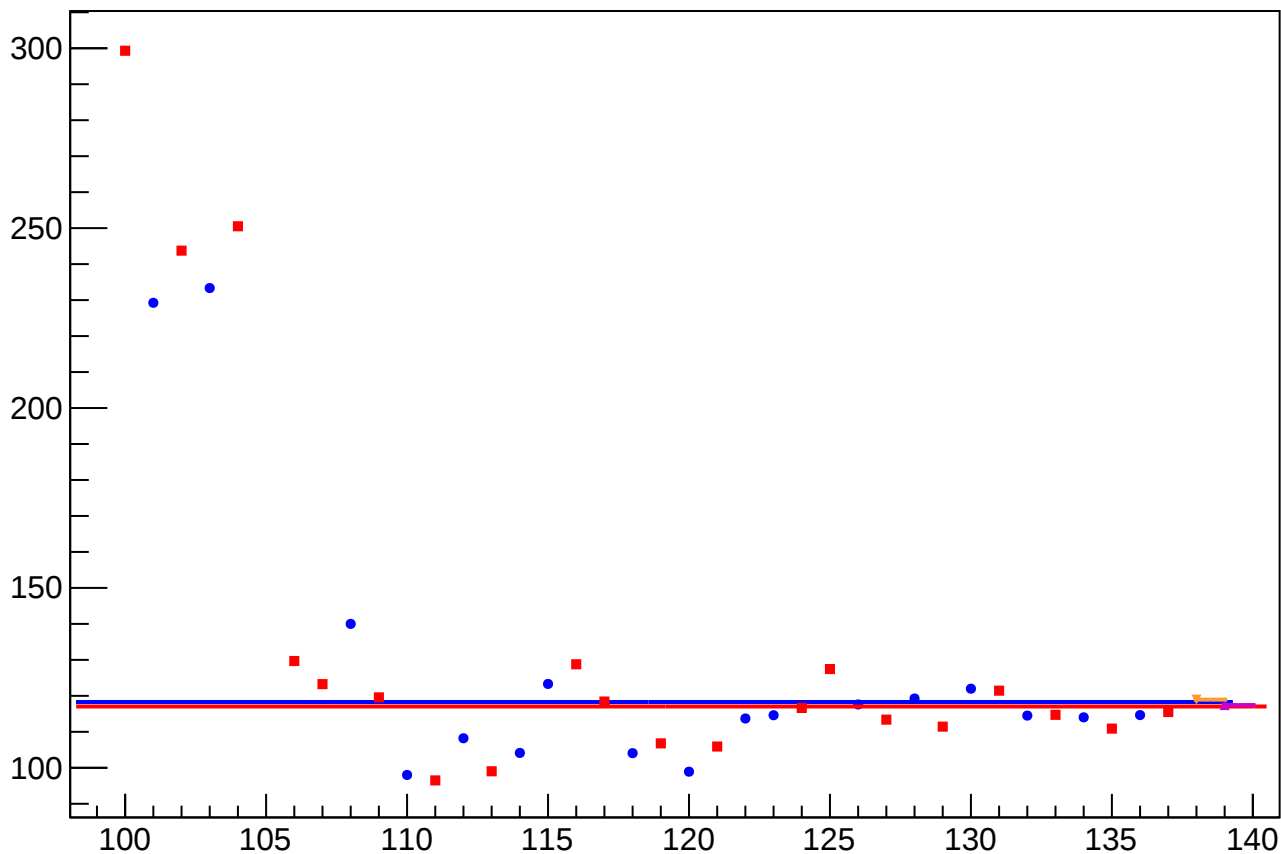
Right Out: 1474.497+/-46.252 χ^2/NDF : 8028.6/19

Left In: -2232.735+/-142.021 χ^2/NDF : 0.0/0

-2238.850+/-45.923 χ^2/NDF : 22860.9/17

1119.002+/-43.979 χ^2/NDF : 8644.7/20

asym_bpm2i01WS_rms vs Slug



Right In: 118.286 $\pm$ 0.034 χ^2 /NDF: 636918.0/16

Left Out: 118.947 $\pm$ 0.099 χ^2 /NDF: 0.0/0

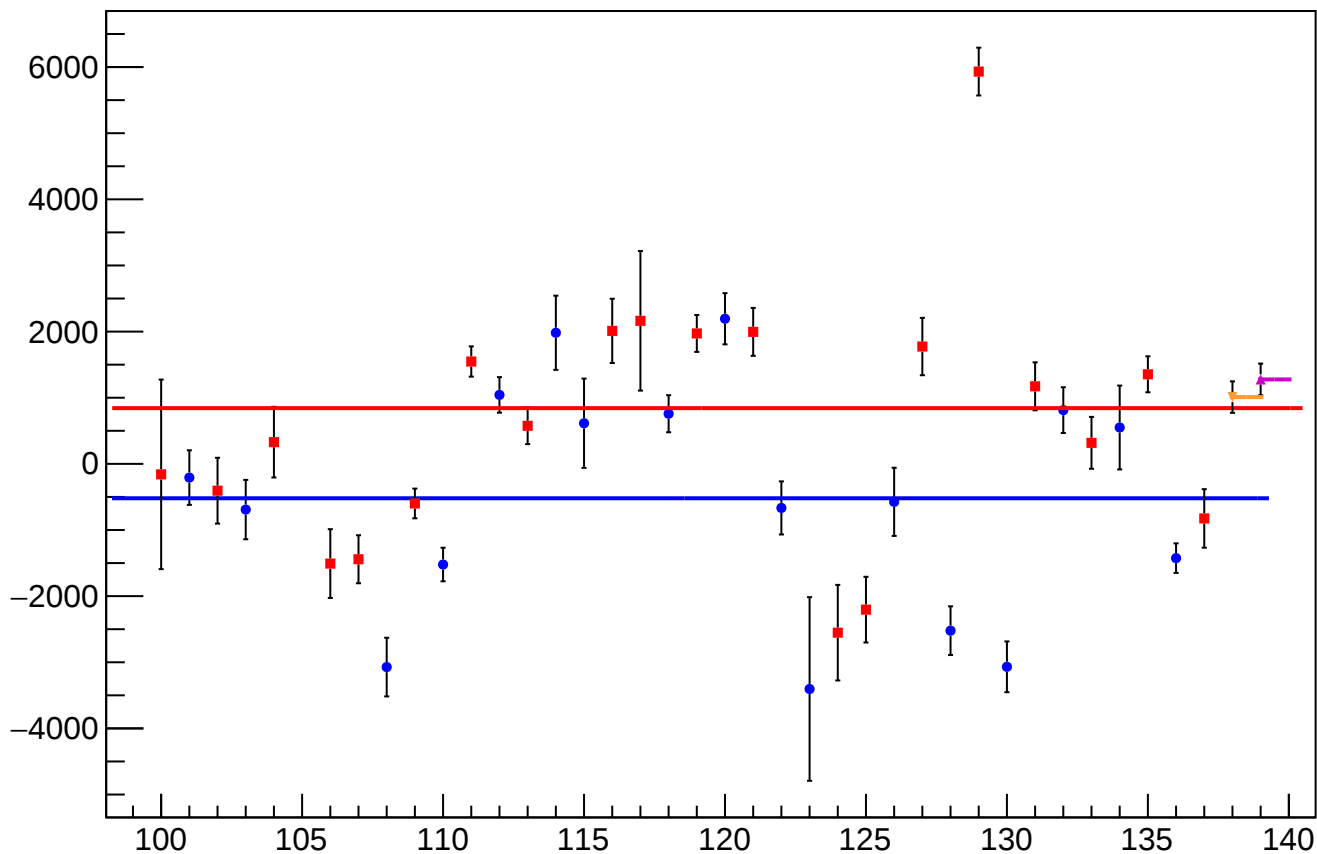
Right Out: 117.040 $\pm$ 0.033 χ^2 /NDF: 690873.1/19

Left In: 117.446 $\pm$ 0.100 χ^2 /NDF: 0.0/0

118.357 $\pm$ 0.032 χ^2 /NDF: 636957.9/17

117.079 $\pm$ 0.031 χ^2 /NDF: 690887.9/20

asym_bpm0i07WS_mean vs Slug



Right In: -520.267 ± 89.241 χ^2/NDF : 288.1/16

Left Out: 1009.713 ± 238.051 χ^2/NDF : 0.0/0

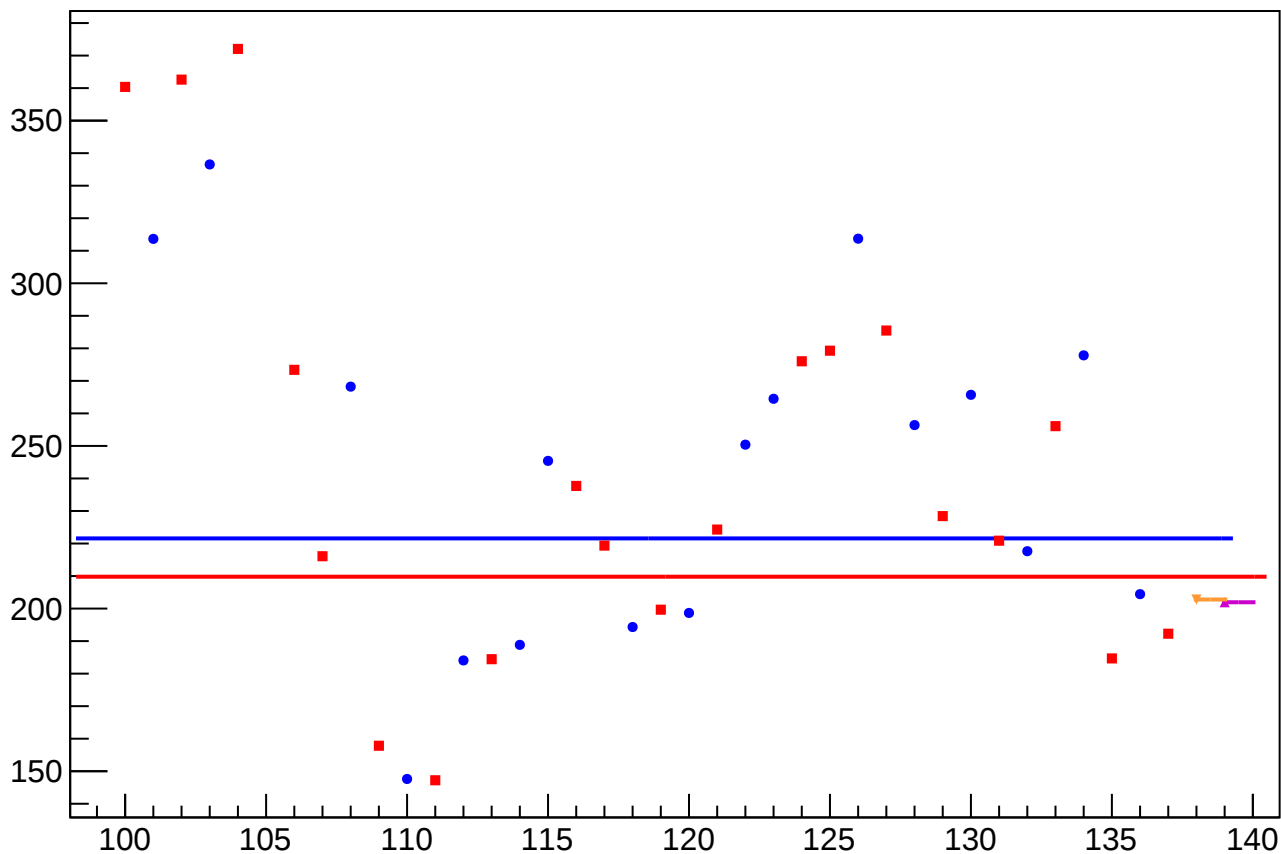
Right Out: 842.858 ± 82.024 χ^2/NDF : 436.3/19

Left In: 1276.540 ± 239.657 χ^2/NDF : 0.0/0

-331.744 ± 83.562 χ^2/NDF : 324.3/17

888.332 ± 77.605 χ^2/NDF : 439.2/20

asym_bpm0i07WS_rms vs Slug



Right In: 221.570 $\pm$ 0.063 χ^2 /NDF: 644941.4/16

Left Out: 202.787 $\pm$ 0.168 χ^2 /NDF: 0.0/0

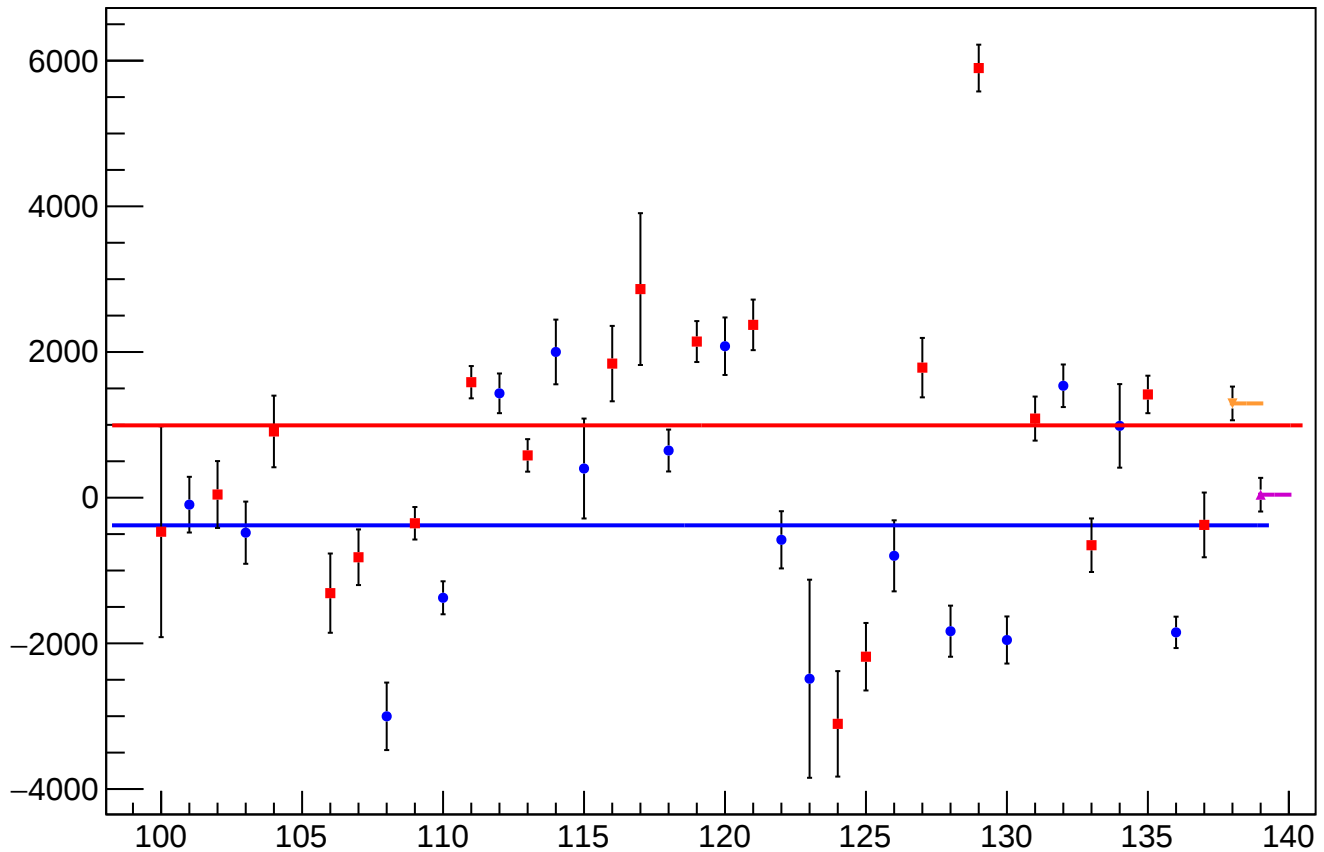
Right Out: 209.794 $\pm$ 0.058 χ^2 /NDF: 884087.4/19

Left In: 201.941 $\pm$ 0.169 χ^2 /NDF: 0.0/0

219.255 $\pm$ 0.059 χ^2 /NDF: 655857.7/17

208.971 $\pm$ 0.055 χ^2 /NDF: 886009.7/20

asym_bpm0l01WS_mean vs Slug



Right In: -379.647 $\pm$ 84.260 χ^2 /NDF: 317.2/16

Left Out: 1294.149 $\pm$ 231.329 χ^2 /NDF: 0.0/0

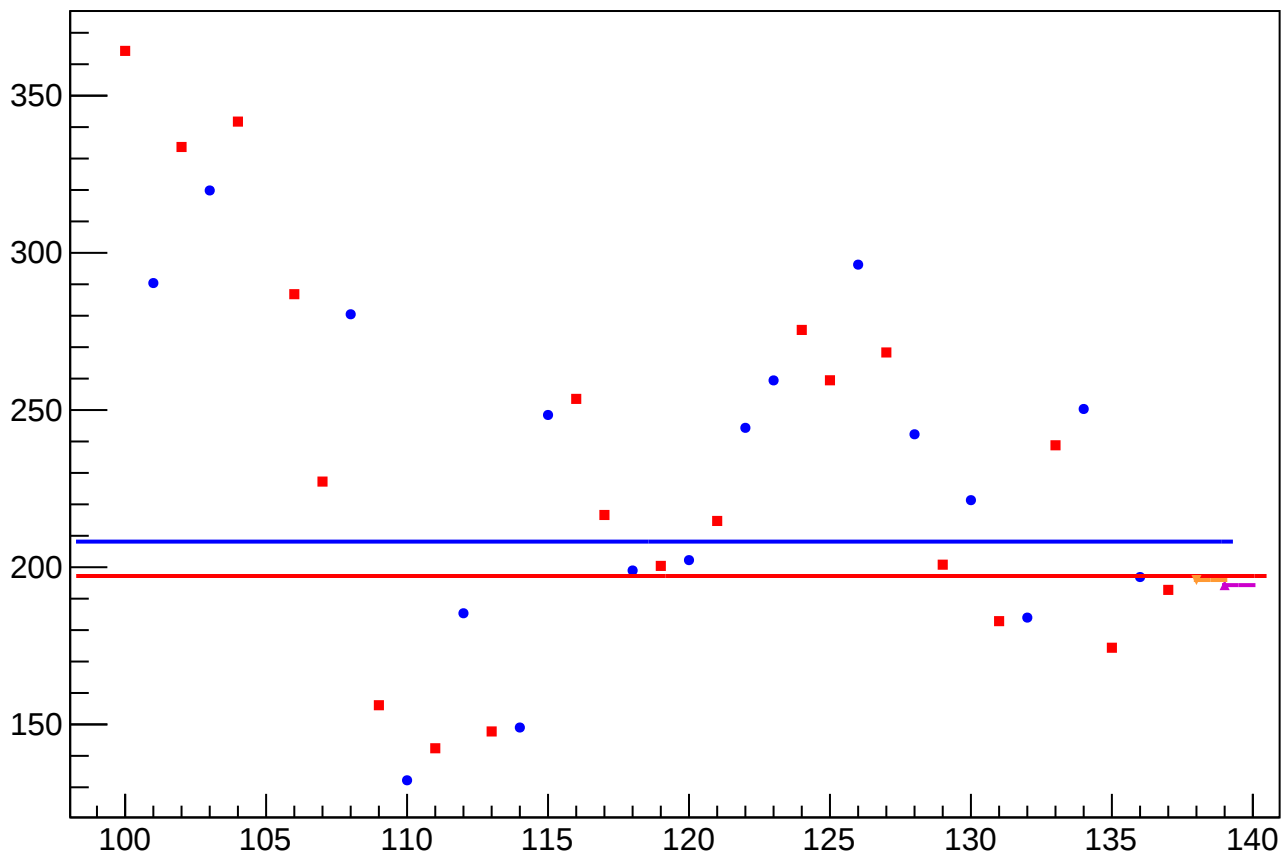
Right Out: 992.944 $\pm$ 77.509 χ^2 /NDF: 479.5/19

Left In: 41.098 $\pm$ 231.087 χ^2 /NDF: 0.0/0

-183.593 $\pm$ 79.171 χ^2 /NDF: 363.4/17

896.689 $\pm$ 73.486 χ^2 /NDF: 494.7/20

asym_bpm0l01WS_rms vs Slug



Right In: 208.151 ± 0.060 χ^2/NDF : 699084.2/16

Left Out: 195.931 ± 0.164 χ^2/NDF : 0.0/0

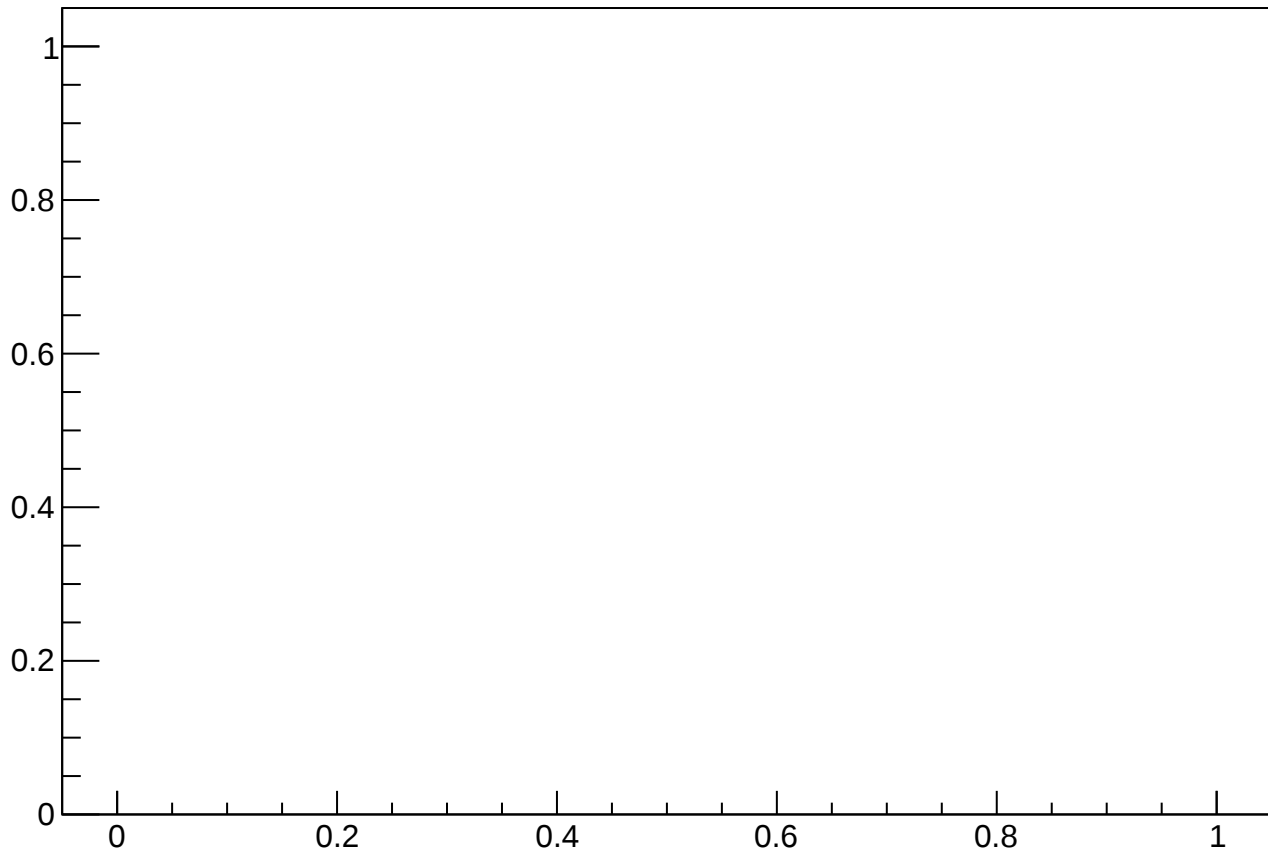
Right Out: 197.210 ± 0.055 χ^2/NDF : 927165.0/19

Left In: 194.311 ± 0.163 χ^2/NDF : 0.0/0

206.719 ± 0.056 χ^2/NDF : 704011.6/17

196.917 ± 0.052 χ^2/NDF : 927448.0/20

bcm_an_us_ds_dd_mean vs Slug



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

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

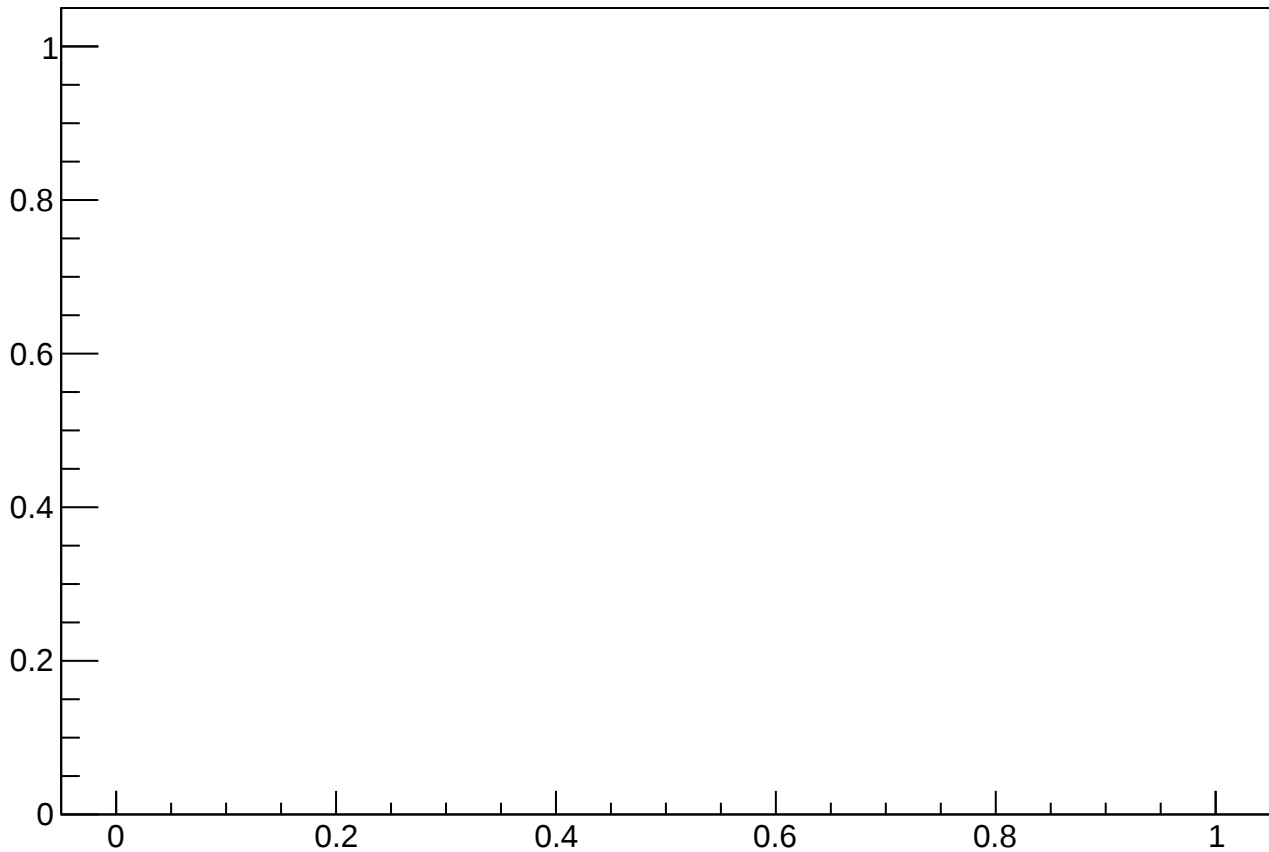
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

bcm_an_us_ds_dd_rms vs Slug



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

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

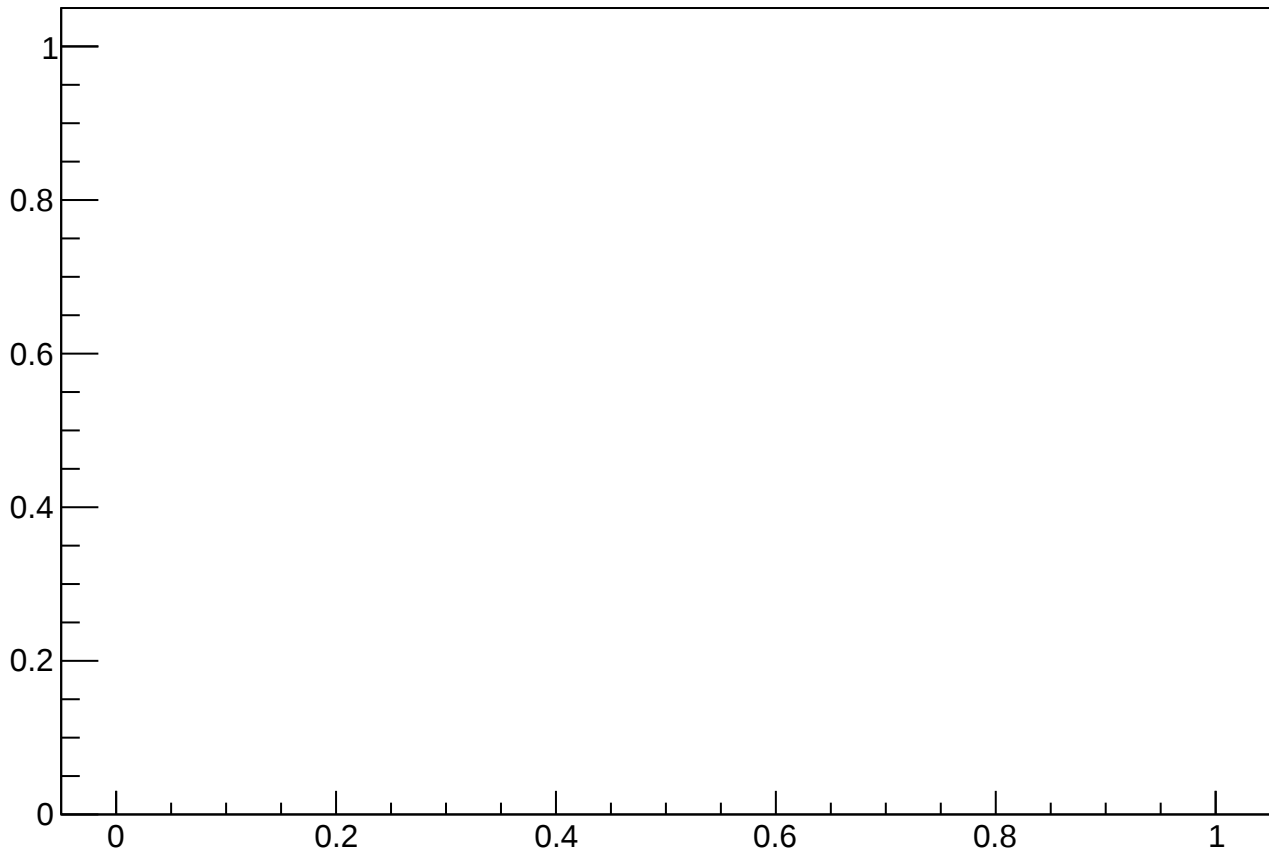
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

bcm_dg_us_dg_ds_dd_mean vs Slug



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

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

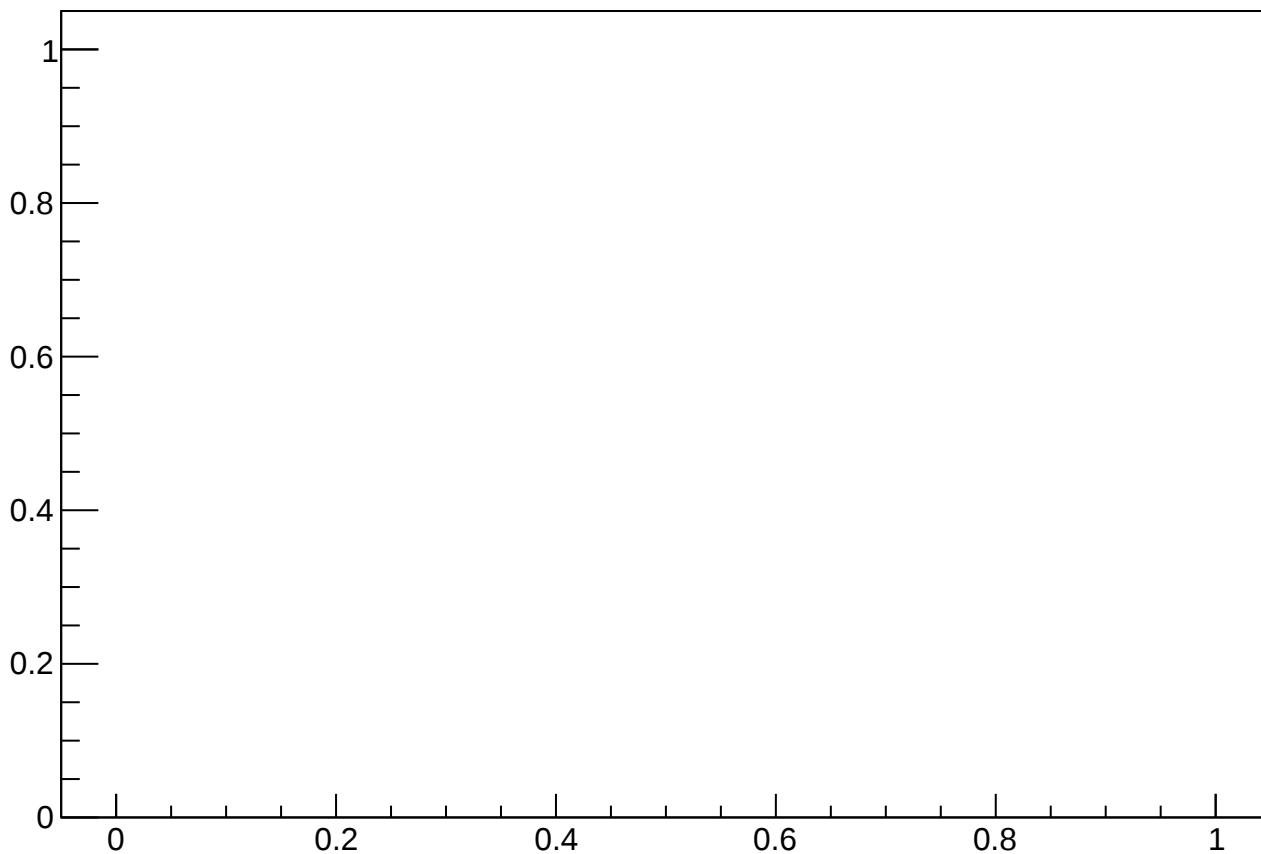
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

bcm_dg_us_dg_ds_dd_rms vs Slug



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

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

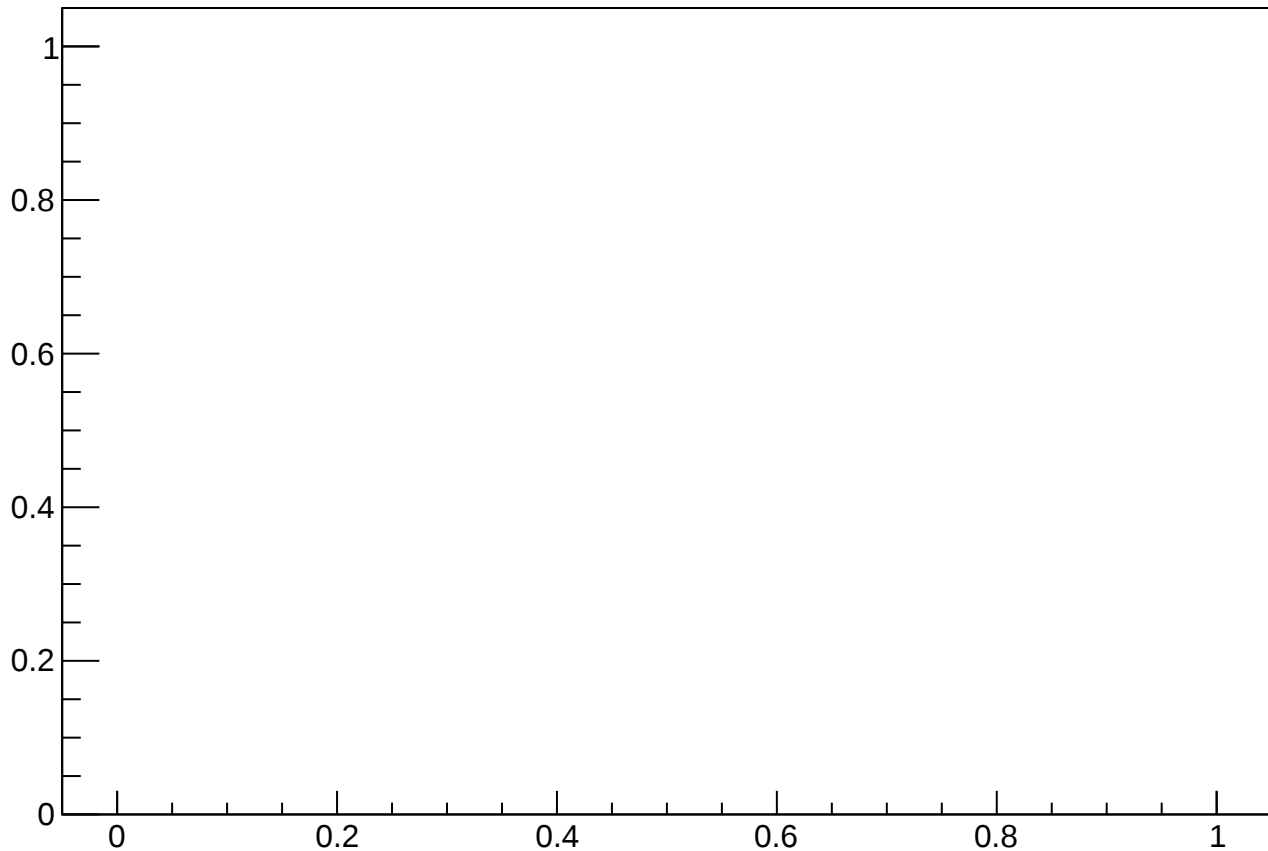
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

bcm_dg_us_ds_dd_mean vs Slug



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

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

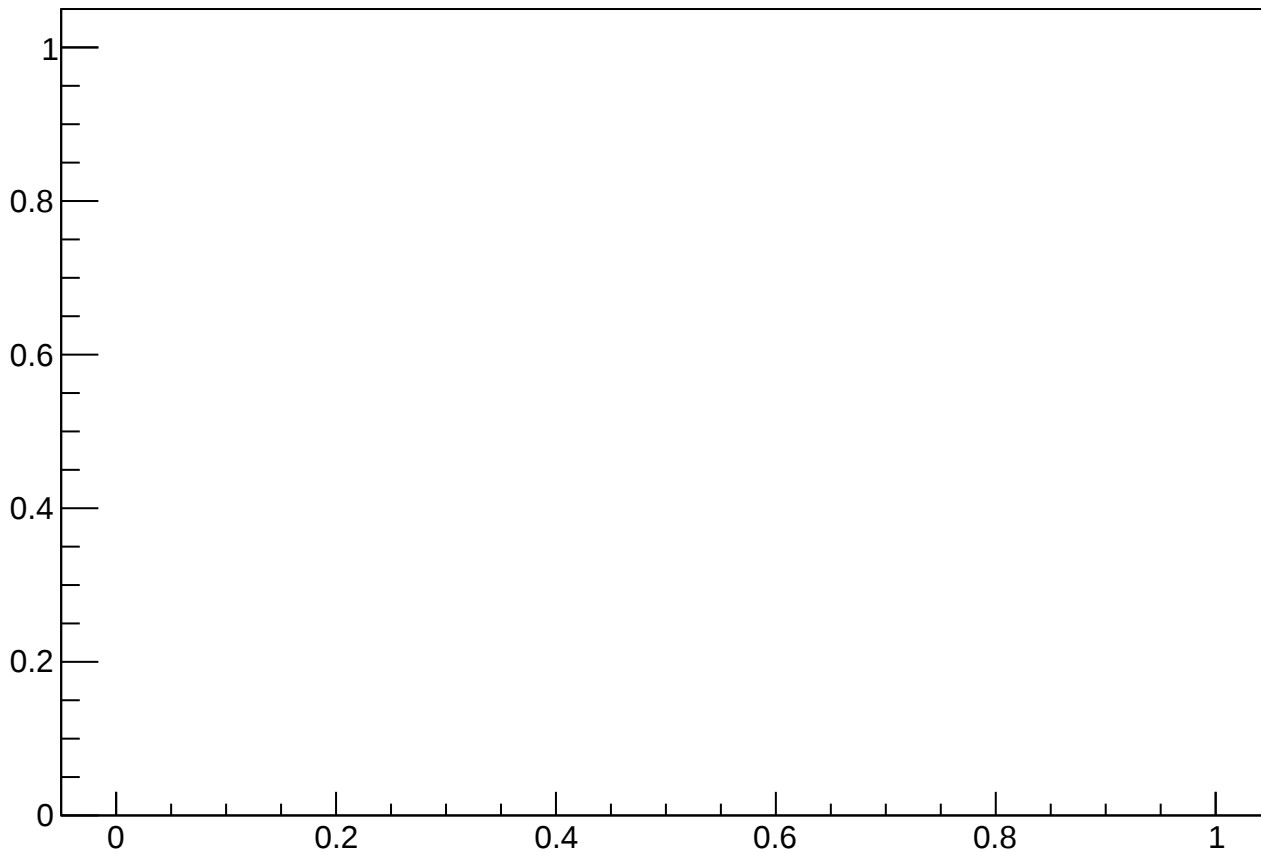
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

bcm_dg_us_ds_dd_rms vs Slug



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

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

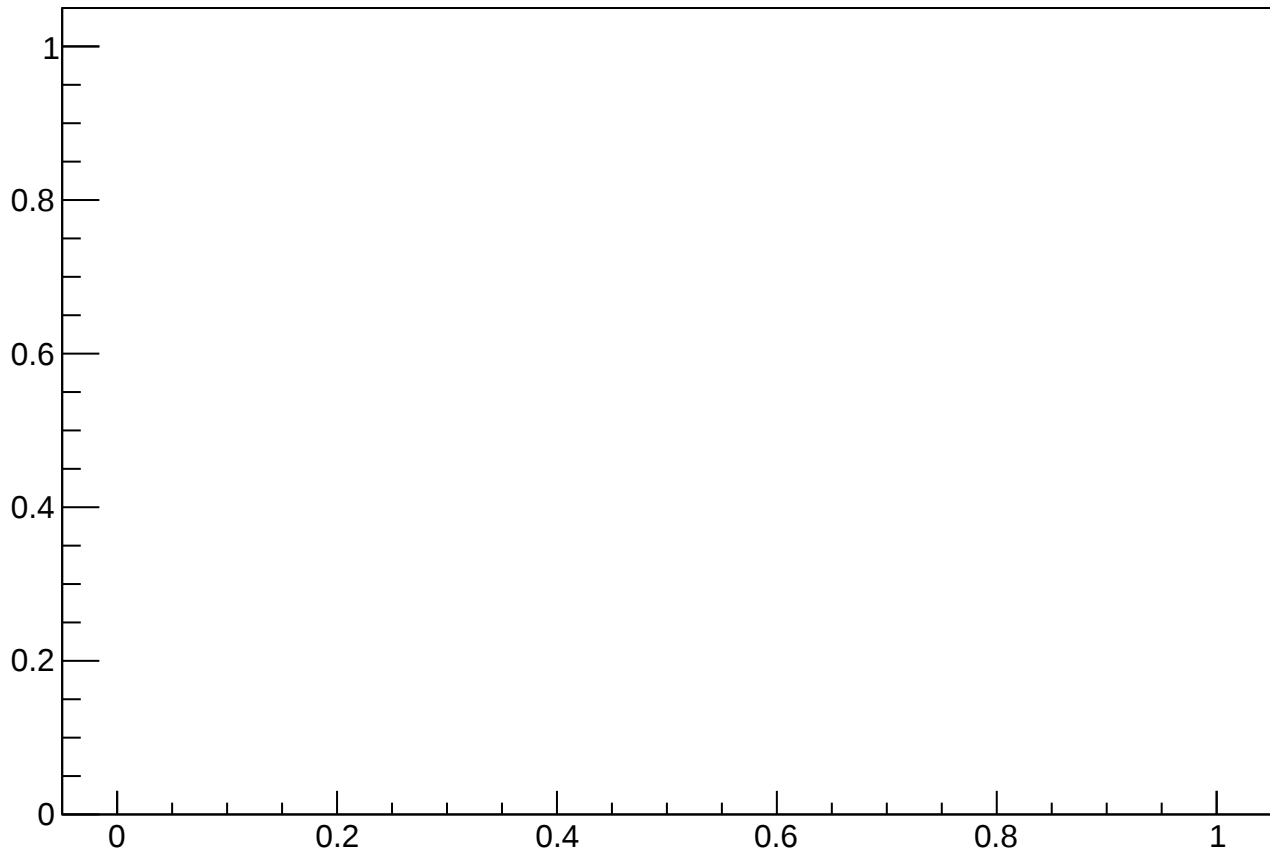
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

bcm_dg_ds_ds_dd_mean vs Slug



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

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

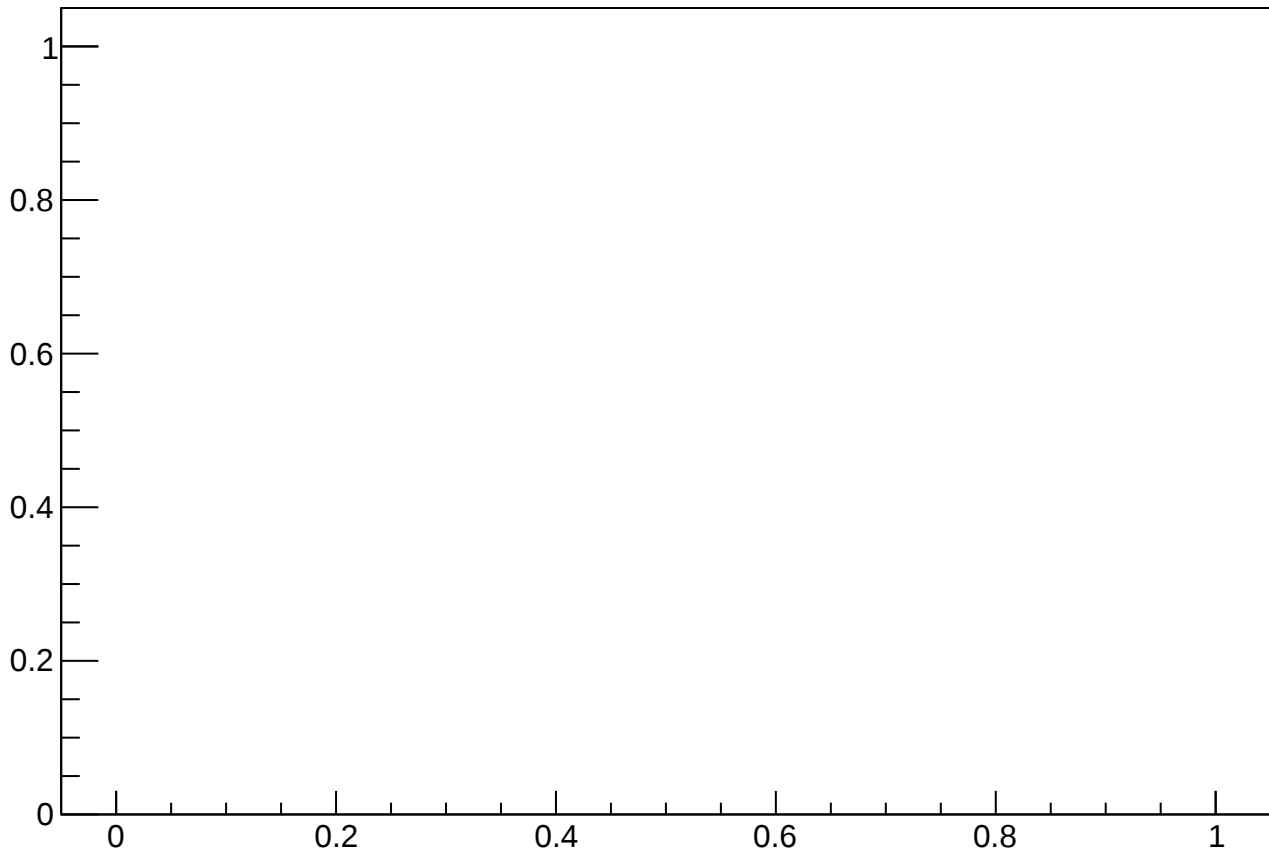
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

bcm_dg_ds_ds_dd_rms vs Slug



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

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

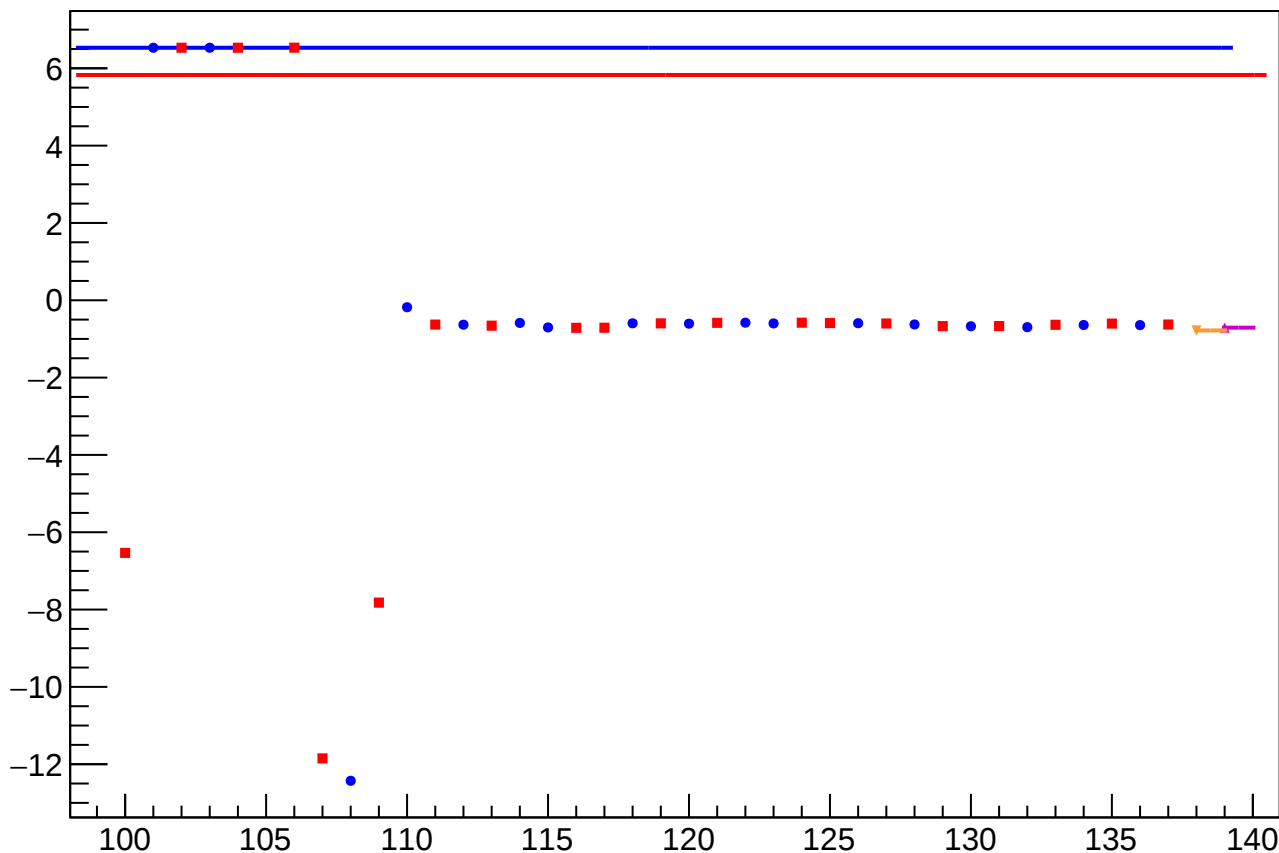
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

yield_cav4bX_mean vs Slug



Right In: 6.532 $\pm$ 0.000 χ^2 /NDF: 127219747629.7/16

Left Out: -0.780 $\pm$ 0.000 χ^2 /NDF: 0.0/0

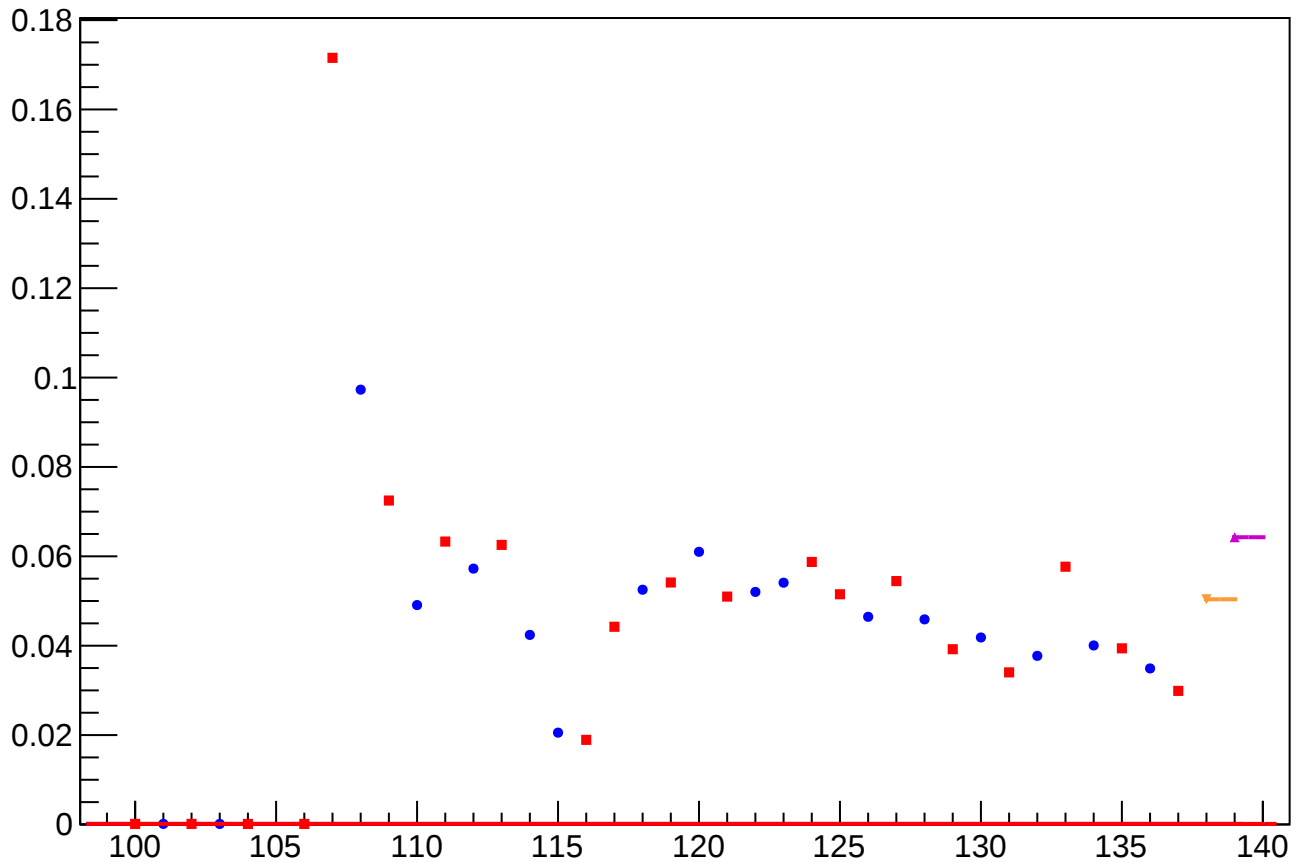
Right Out: 5.827 $\pm$ 0.000 χ^2 /NDF: 755964092355063.0/19

Left In: -0.709 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6.532 $\pm$ 0.000 χ^2 /NDF: 140064952434.7/17

5.827 $\pm$ 0.000 χ^2 /NDF: 755971314050729.2/20

yield_cav4bX_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 8888070.2/16

Left Out: 0.050+/-0.000 χ^2/NDF : 0.0/0

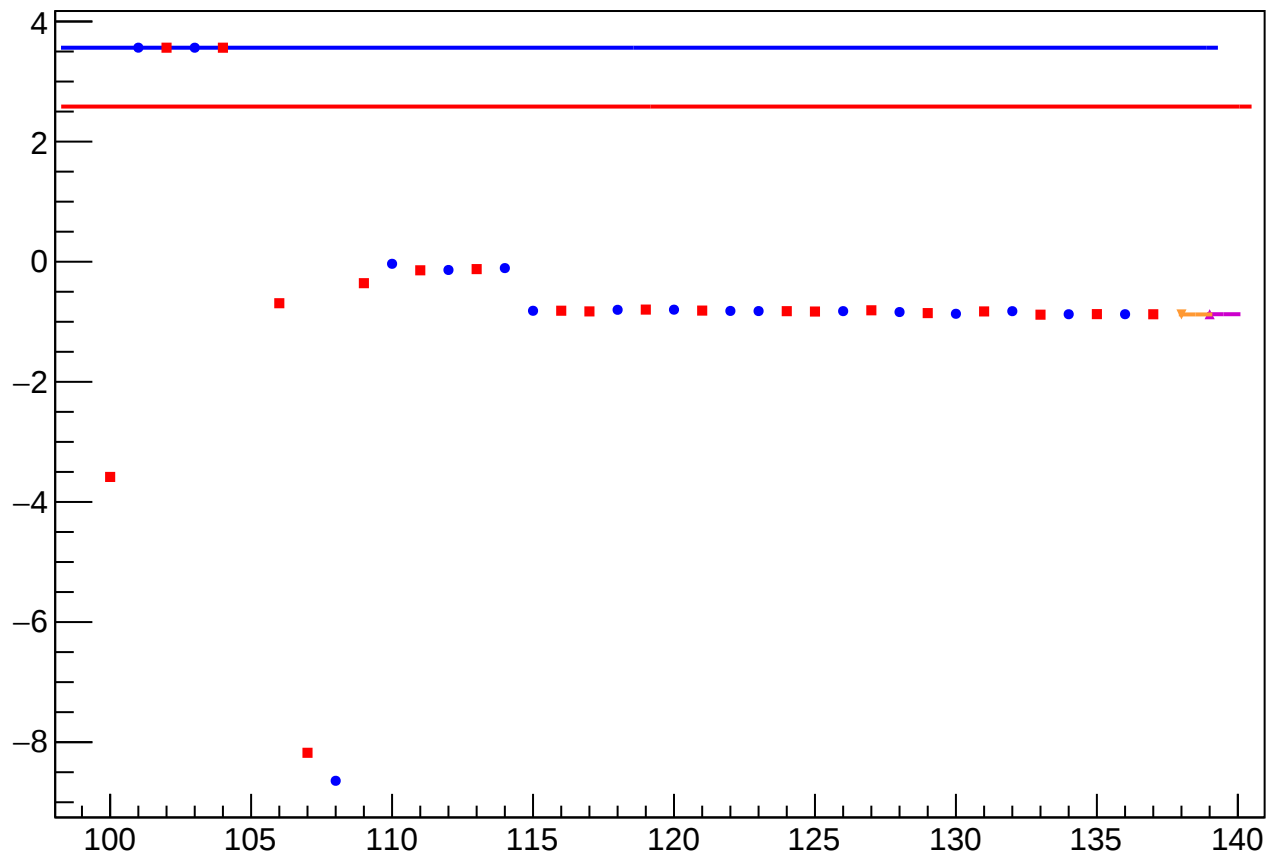
Right Out: 0.000+/-0.000 χ^2/NDF : 9429256.2/19

Left In: 0.064+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 10102194.1/17

0.000+/-0.000 χ^2/NDF : 10820707.2/20

yield_cav4bY_mean vs Slug



Right In: 3.563+/-0.000 χ^2/NDF : 481634392464.0/16

Left Out: -0.878+/-0.000 χ^2/NDF : 0.0/0

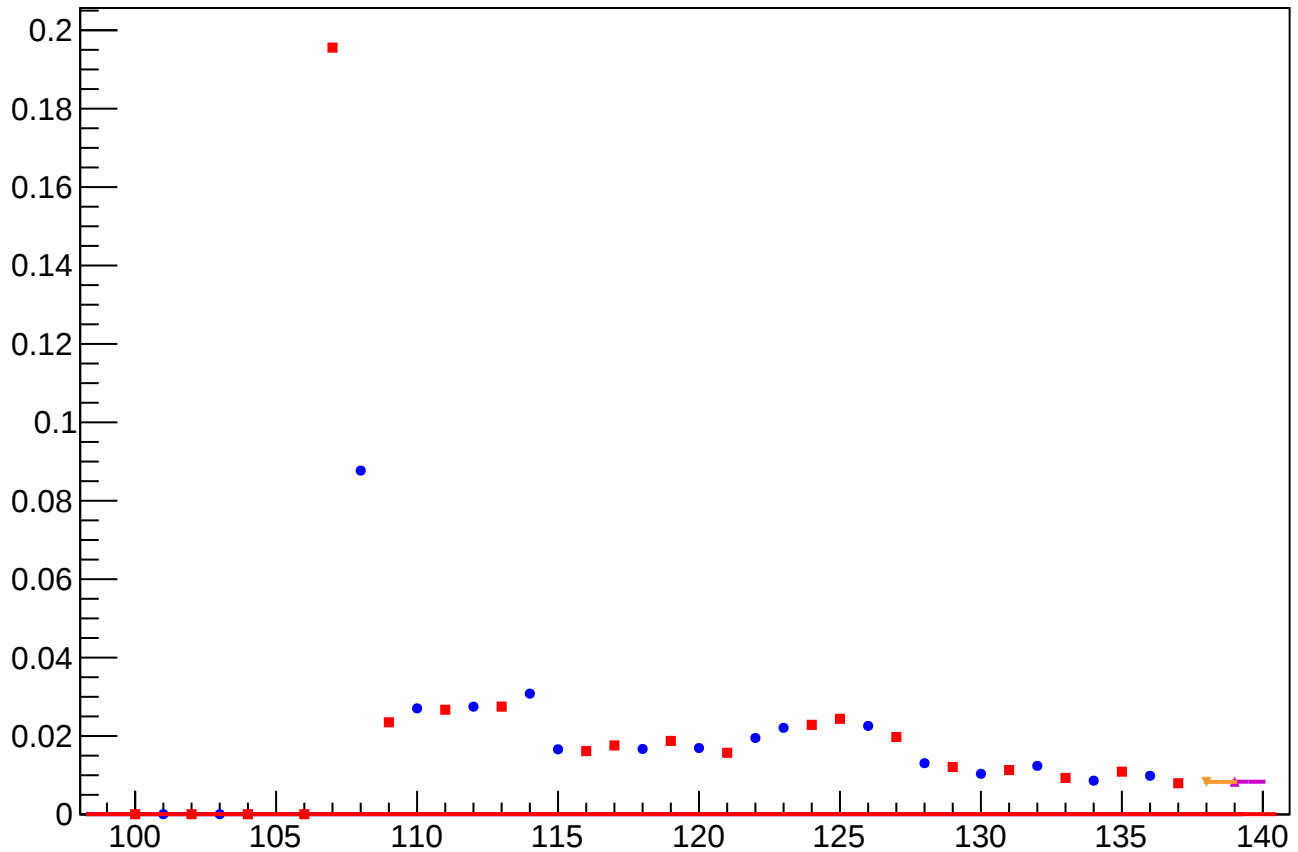
Right Out: 2.583+/-0.000 χ^2/NDF : 1253503502448656.2/19

Left In: -0.874+/-0.000 χ^2/NDF : 0.0/0

3.563+/-0.000 χ^2/NDF : 683306455103.7/17

2.583+/-0.000 χ^2/NDF : 1253625489330605.5/17

yield_cav4bY_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 9724059.3/16

Left Out: 0.008+/-0.000 χ^2/NDF : 0.0/0

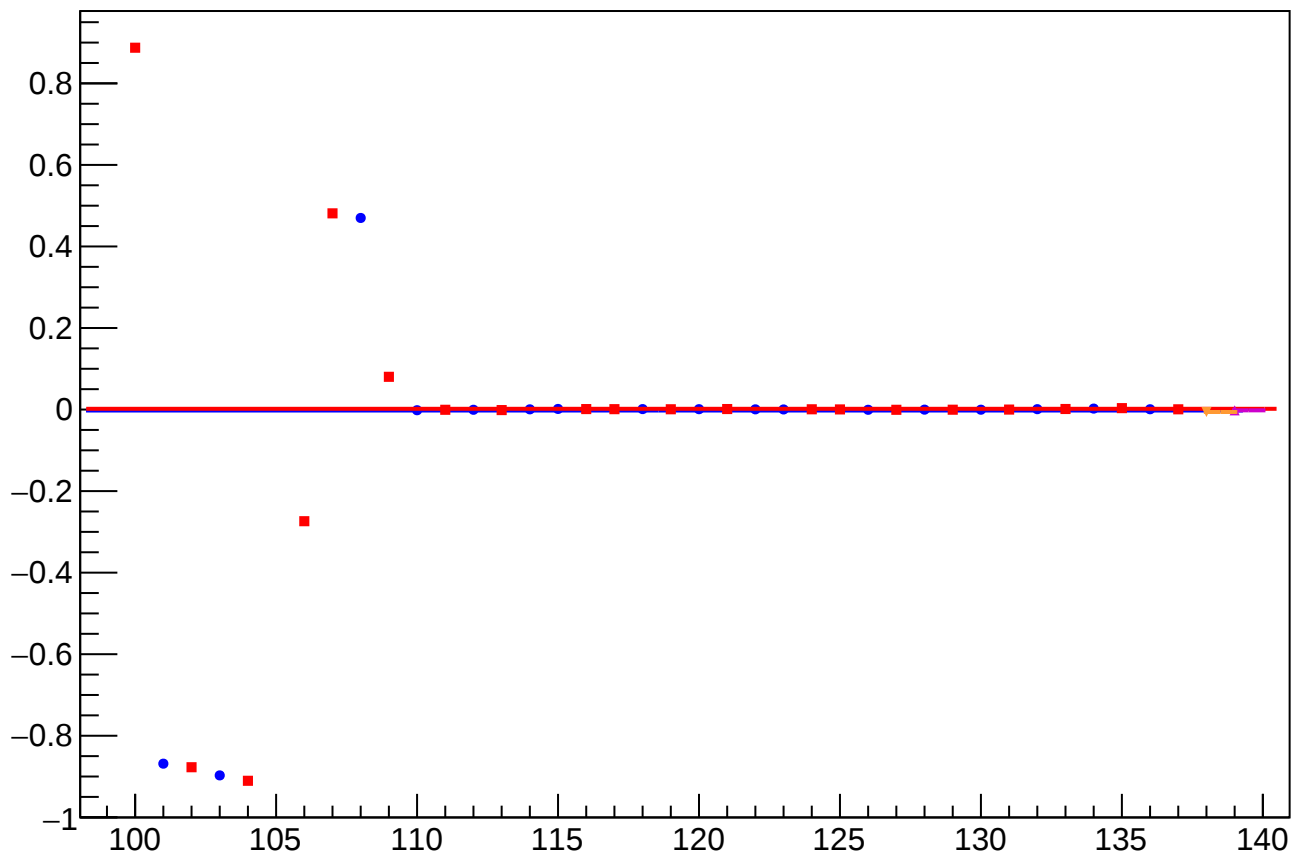
Right Out: 0.000+/-0.000 χ^2/NDF : 9937459.6/19

Left In: 0.008+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 11108059.5/17

0.000+/-0.000 χ^2/NDF : 11338439.1/20

yield_cav4cX_mean vs Slug



Right In: -0.002 $\pm$ 0.000 χ^2 /NDF: 9794863405.3/16

Left Out: -0.006 $\pm$ 0.000 χ^2 /NDF: 0.0/0

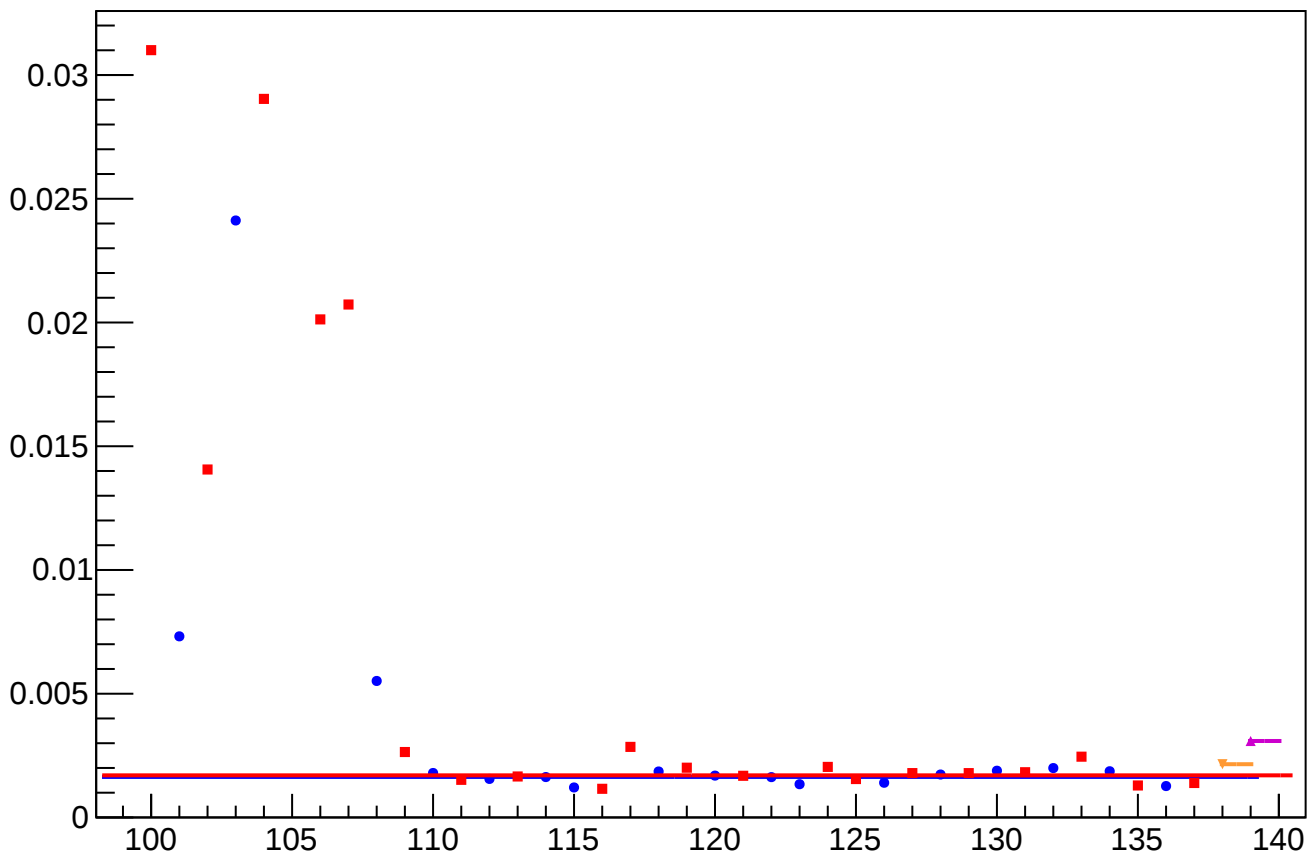
Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 3041323813.4/19

Left In: -0.002 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.003 $\pm$ 0.000 χ^2 /NDF: 9796430472.0/17

0.002 $\pm$ 0.000 χ^2 /NDF: 3042354890.2/20

yield_cav4cX_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 1916349.1/16

Left Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 0.0/0

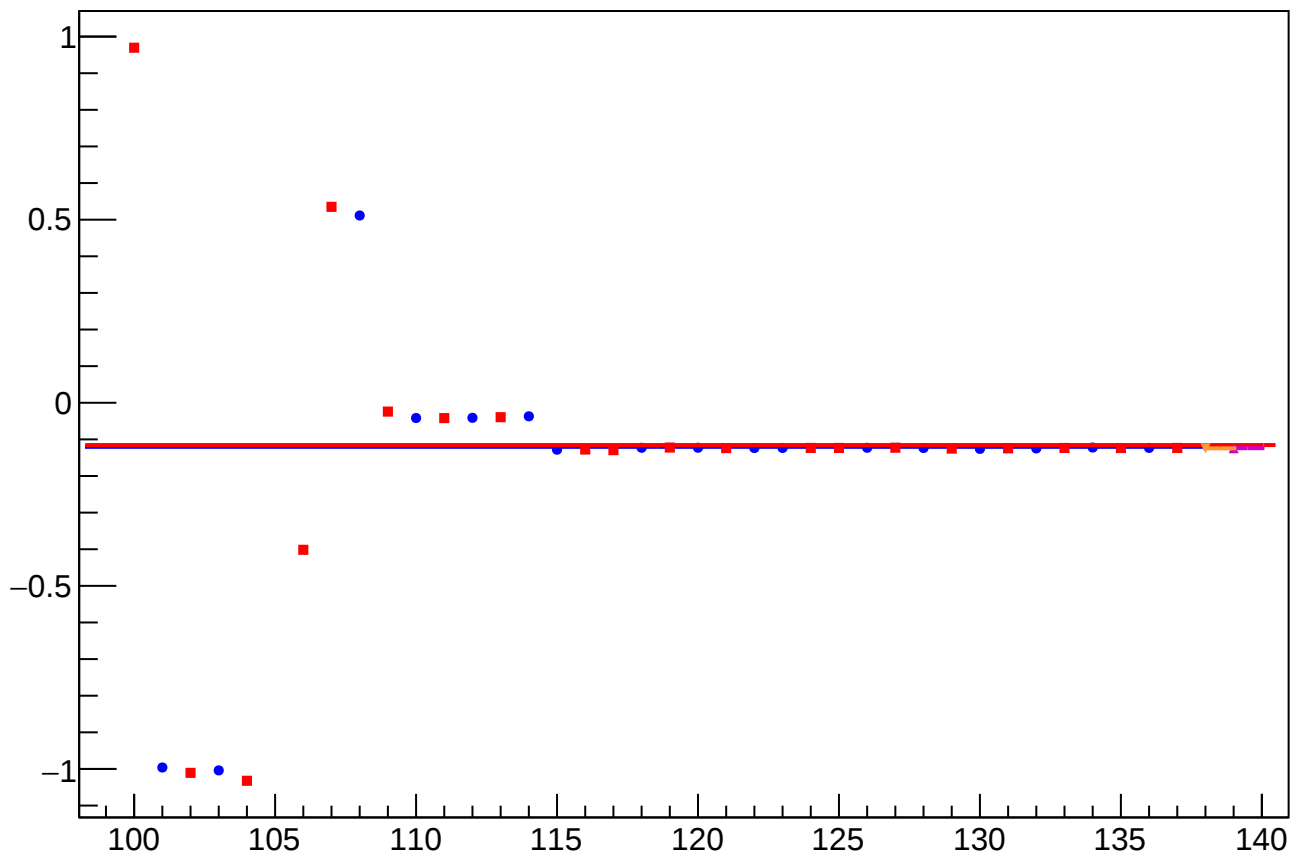
Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 3037006.7/19

Left In: 0.003 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.002 $\pm$ 0.000 χ^2 /NDF: 1979350.2/17

0.002 $\pm$ 0.000 χ^2 /NDF: 3314292.7/20

yield_cav4cY_mean vs Slug



Right In: -0.120+/-0.000 χ^2/NDF : 3932144335.2/16

Left Out: -0.124+/-0.000 χ^2/NDF : 0.0/0

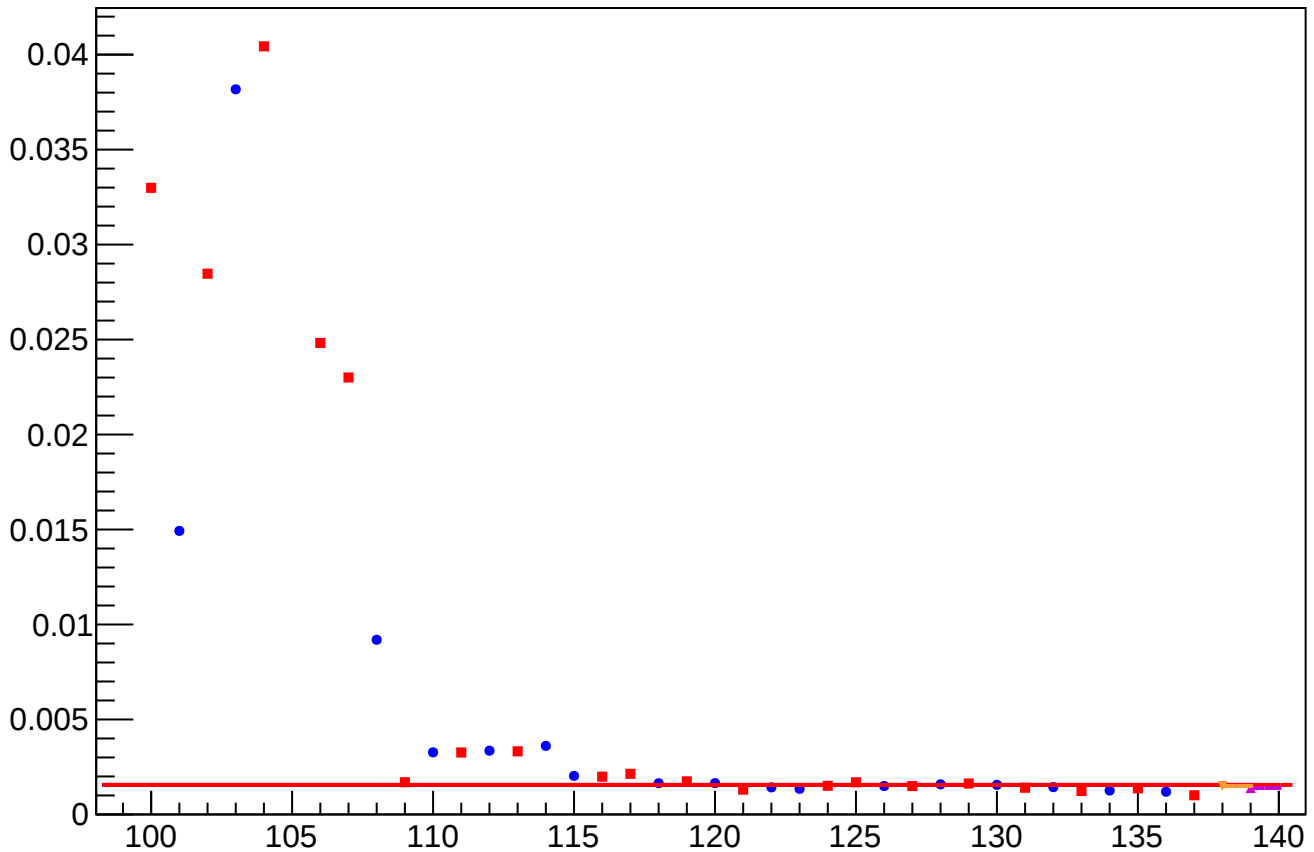
Right Out: -0.115+/-0.000 χ^2/NDF : 2458475073.1/19

Left In: -0.124+/-0.000 χ^2/NDF : 0.0/0

-0.121+/-0.000 χ^2/NDF : 3936461362.4/17

-0.117+/-0.000 χ^2/NDF : 2478942030.8/20

yield_cav4cY_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 2901093.3/16

Left Out: 0.001+/-0.000 χ^2/NDF : 0.0/0

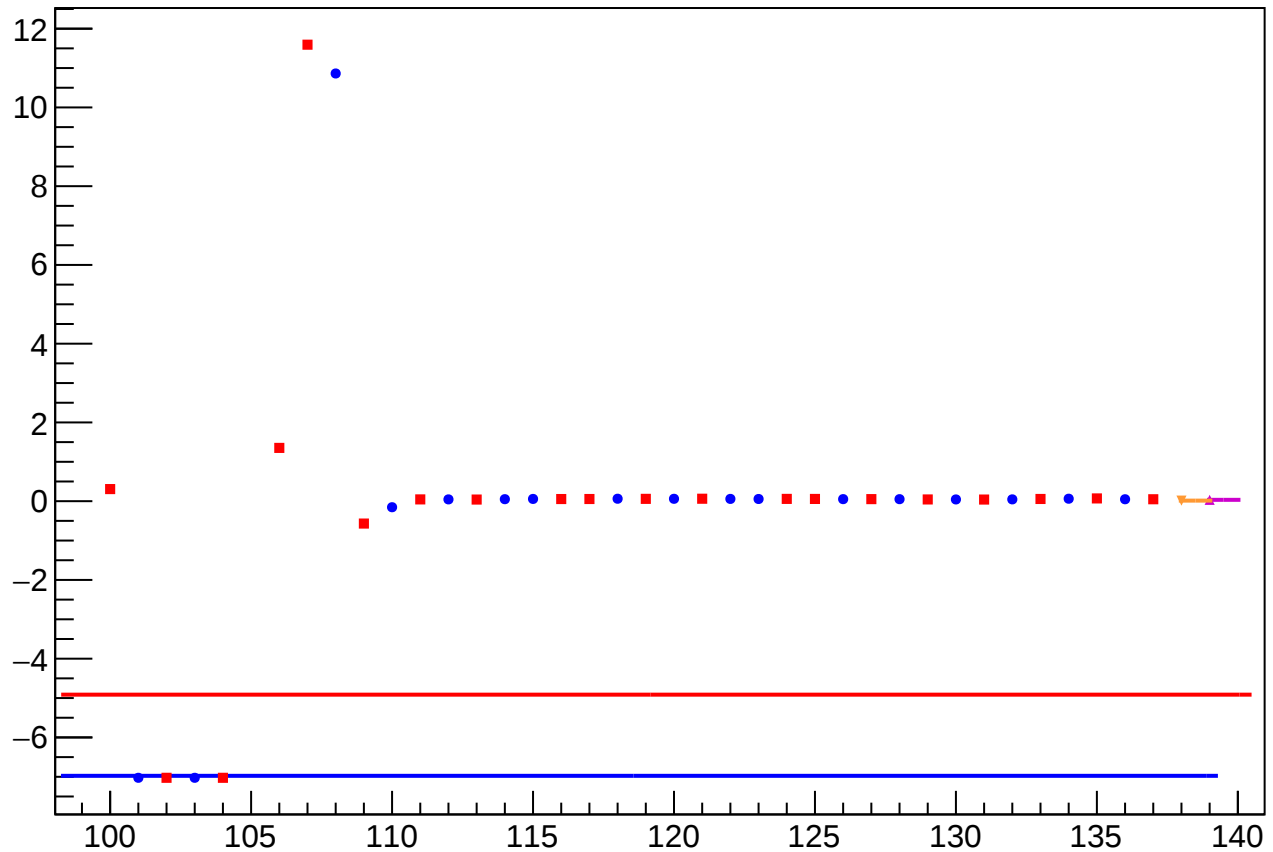
Right Out: 0.002+/-0.000 χ^2/NDF : 3545212.9/19

Left In: 0.001+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 2902879.9/17

0.002+/-0.000 χ^2/NDF : 3559806.4/20

yield_cav4dX_mean vs Slug



Right In: -6.975+/-0.000 χ^2/NDF : 8749579700722.8/16

Left Out: 0.014+/-0.000 χ^2/NDF : 0.0/0

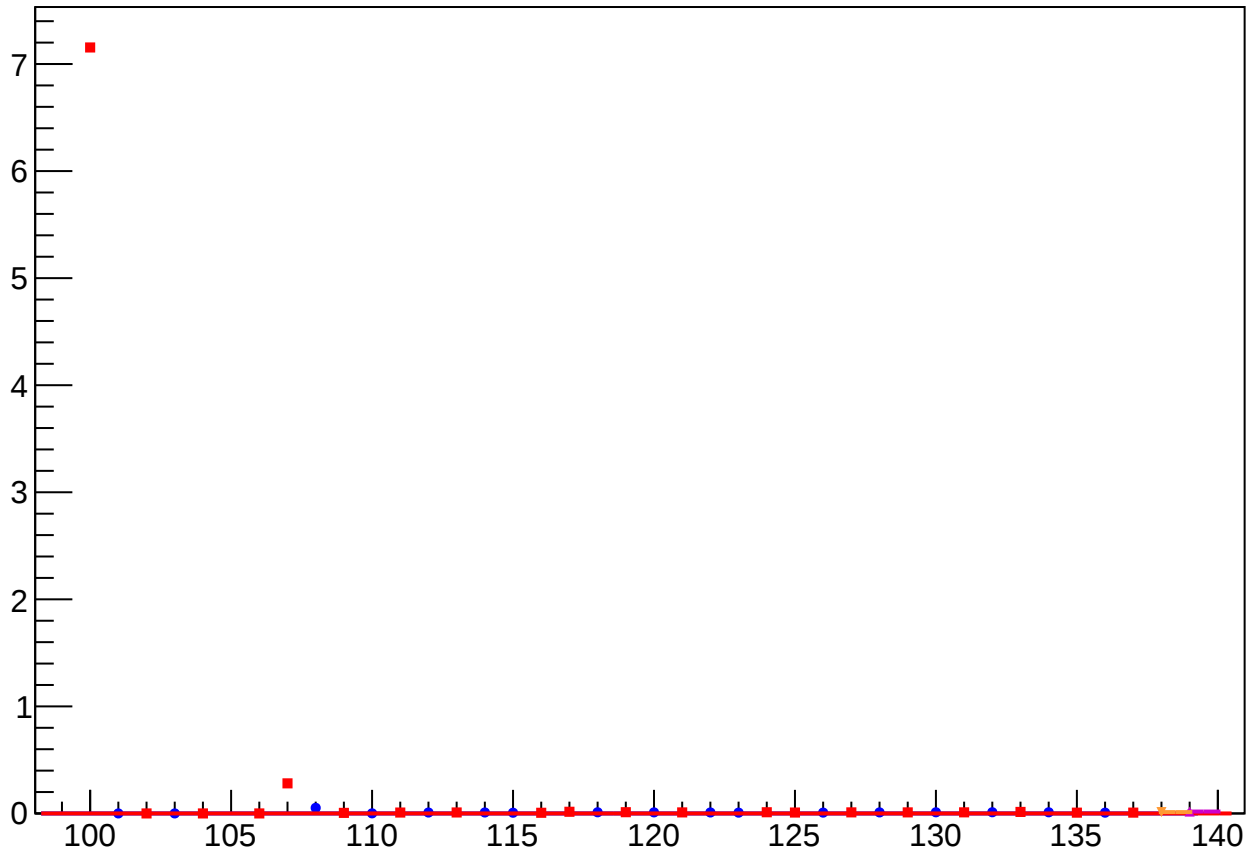
Right Out: -4.914+/-0.000 χ^2/NDF : 365362121338855.3/19

Left In: 0.034+/-0.000 χ^2/NDF : 0.0/0

-6.974+/-0.000 χ^2/NDF : 8934337605581.8/17

-4.913+/-0.000 χ^2/NDF : 365417394287042.7/2

yield_cav4dX_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 8242728.7/16

Left Out: 0.013+/-0.000 χ^2/NDF : 0.0/0

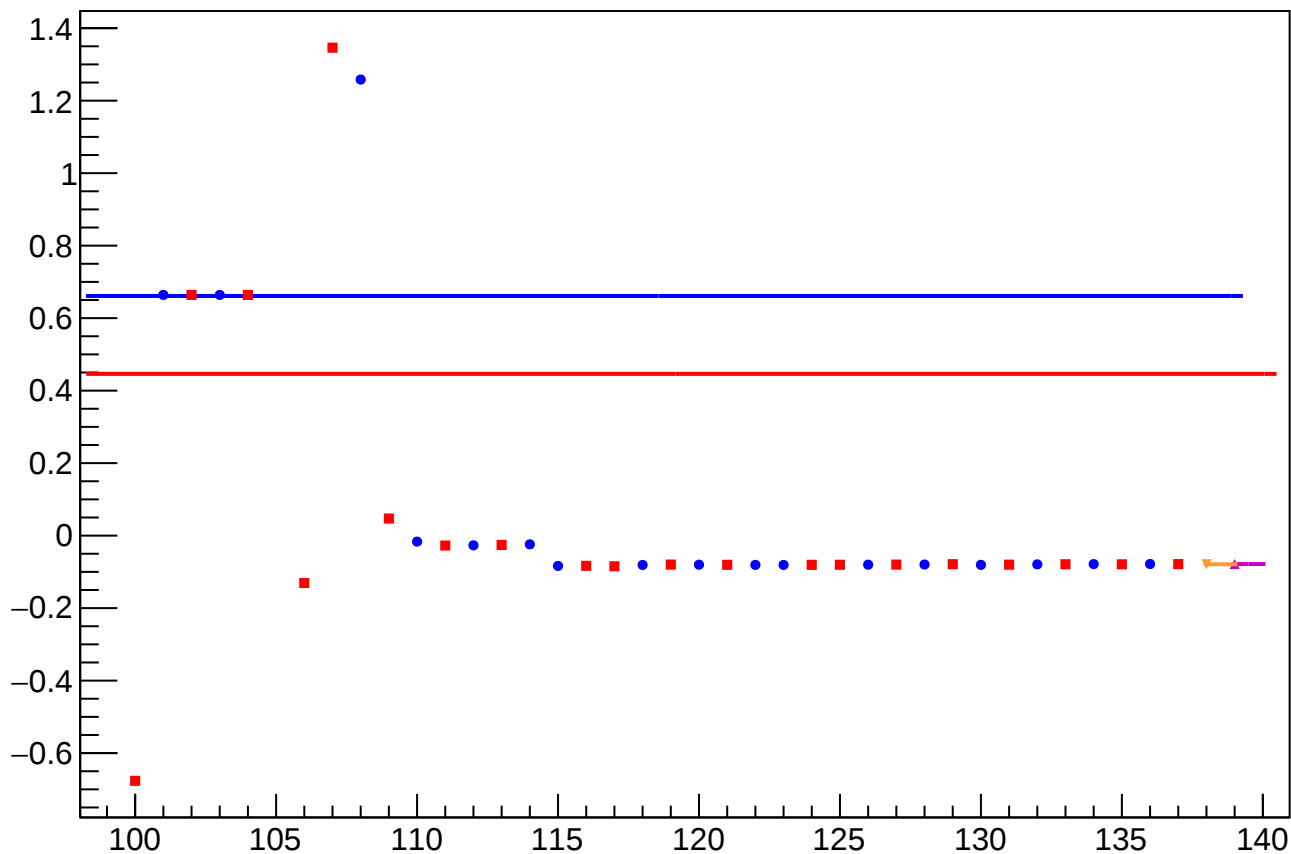
Right Out: 0.000+/-0.000 χ^2/NDF : 8854773.0/19

Left In: 0.018+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 9414170.6/17

0.000+/-0.000 χ^2/NDF : 10263712.9/20

yield_cav4dY_mean vs Slug



Right In: 0.661+/-0.000 χ^2/NDF : 5607525081216.0/16

Left Out: -0.079+/-0.000 χ^2/NDF : 0.0/0

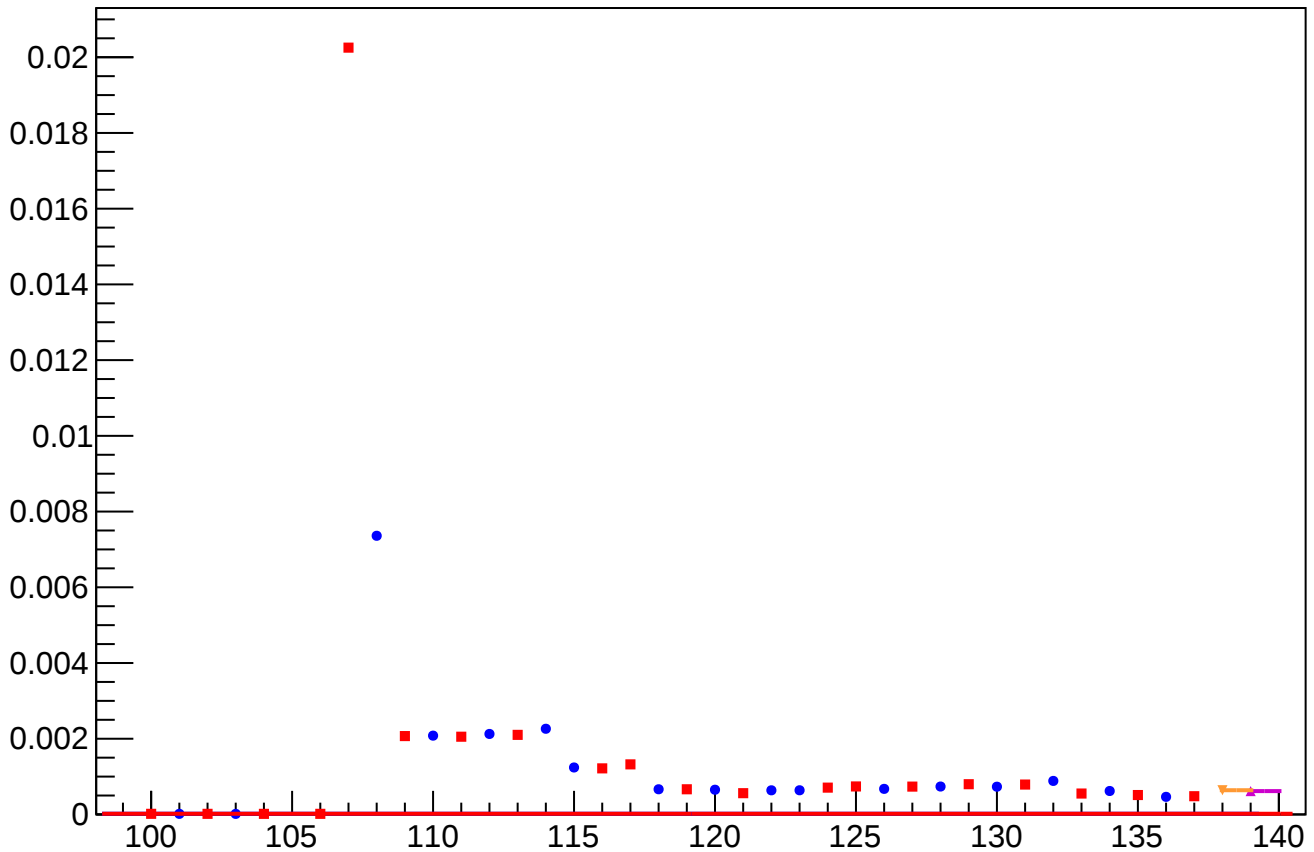
Right Out: 0.446+/-0.000 χ^2/NDF : 405423069582977.9/19

Left In: -0.078+/-0.000 χ^2/NDF : 0.0/0

0.661+/-0.000 χ^2/NDF : 6544385183947.2/17

0.446+/-0.000 χ^2/NDF : 405930246226252.9/20

yield_cav4dY_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 9874012.7/16

Left Out: 0.001 $\pm$ 0.000 χ^2/NDF : 0.0/0

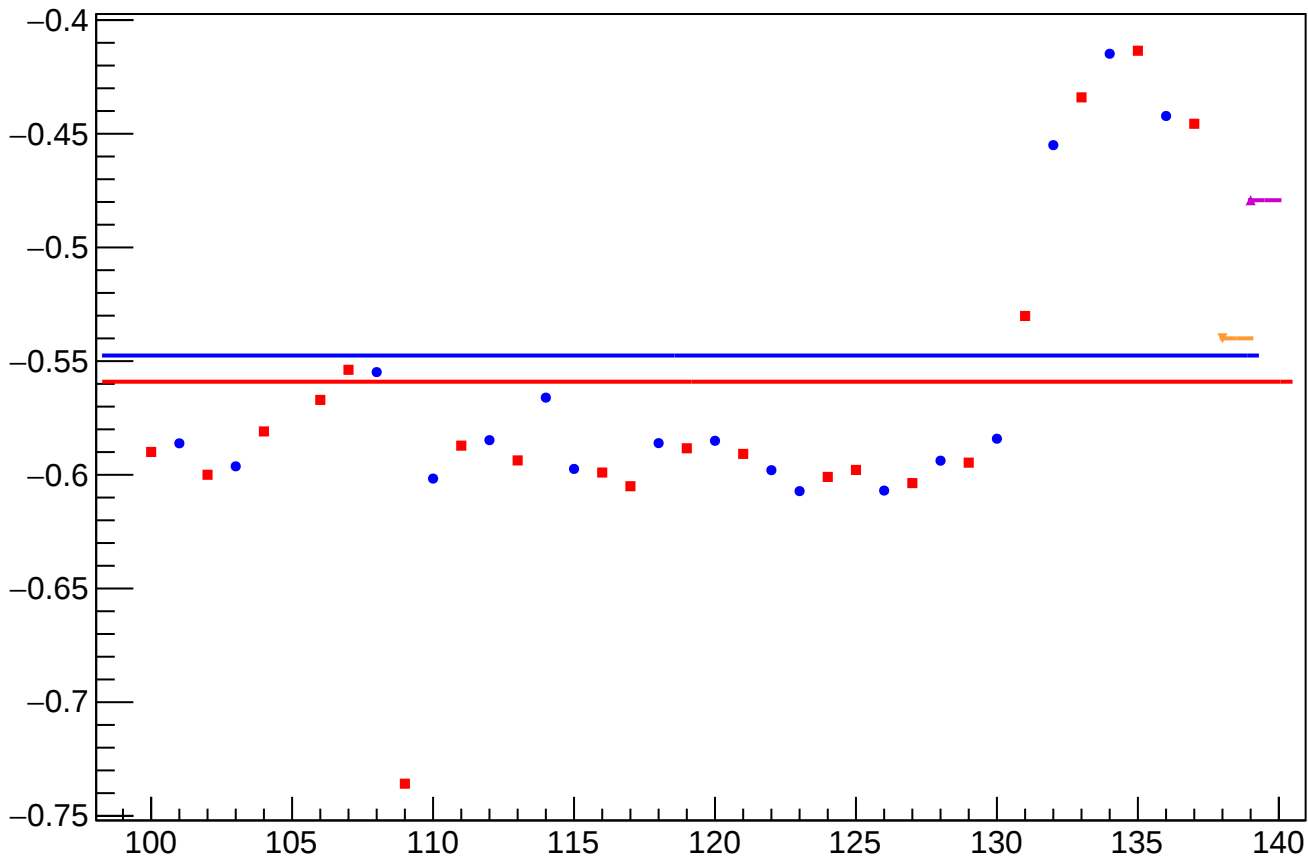
Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 9555089.8/19

Left In: 0.001 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.000 $\pm$ 0.000 χ^2/NDF : 11195872.0/17

0.000 $\pm$ 0.000 χ^2/NDF : 10875244.2/20

yield_bpm4aX_mean vs Slug



Right In: -0.548+/-0.000 χ^2/NDF : 48545285.9/16

Left Out: -0.540+/-0.000 χ^2/NDF : 0.0/0

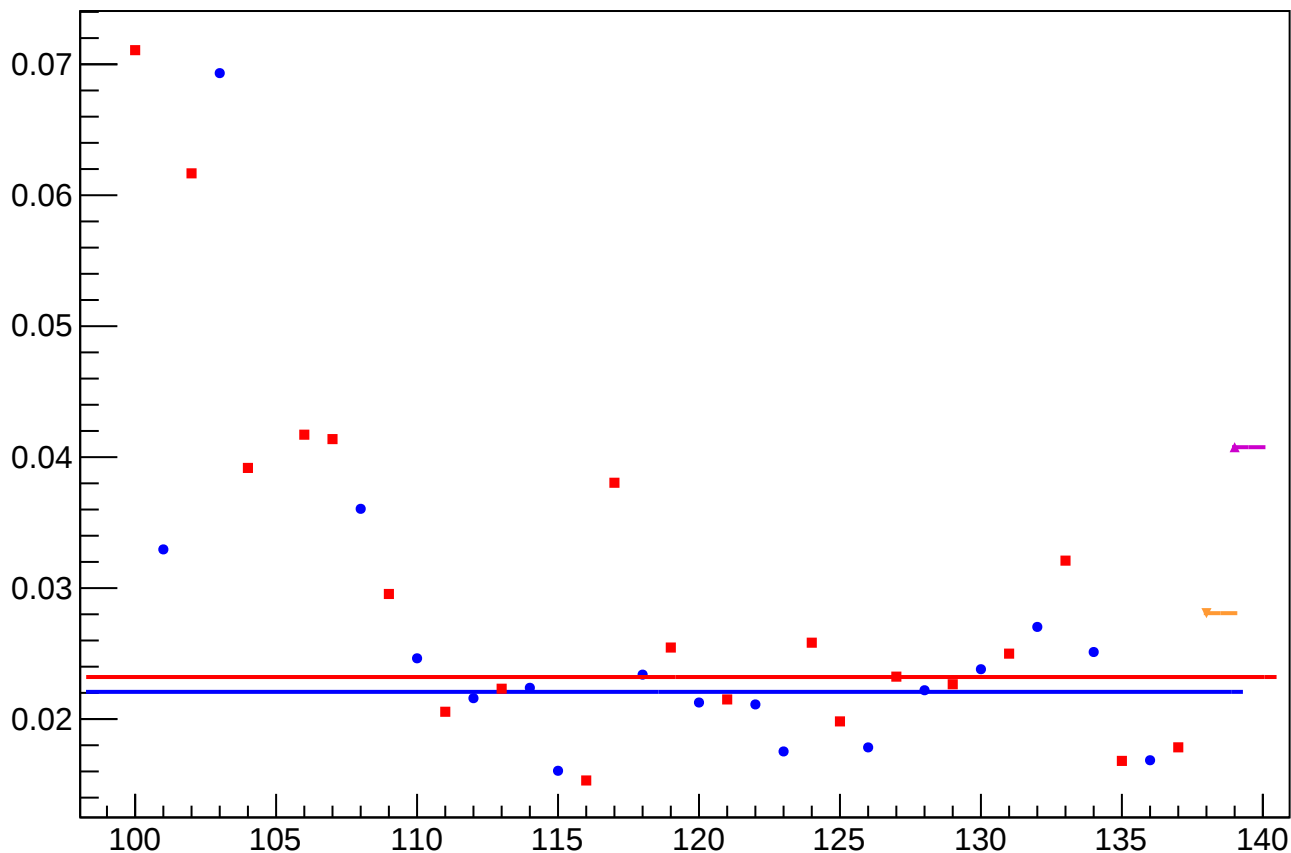
Right Out: -0.559+/-0.000 χ^2/NDF : 65389755.0/19

Left In: -0.479+/-0.000 χ^2/NDF : 0.0/0

-0.547+/-0.000 χ^2/NDF : 48585096.4/17

-0.556+/-0.000 χ^2/NDF : 68039263.9/20

yield_bpm4aX_rms vs Slug



Right In: 0.022+/-0.000 χ^2/NDF : 954779.5/16

Left Out: 0.028+/-0.000 χ^2/NDF : 0.0/0

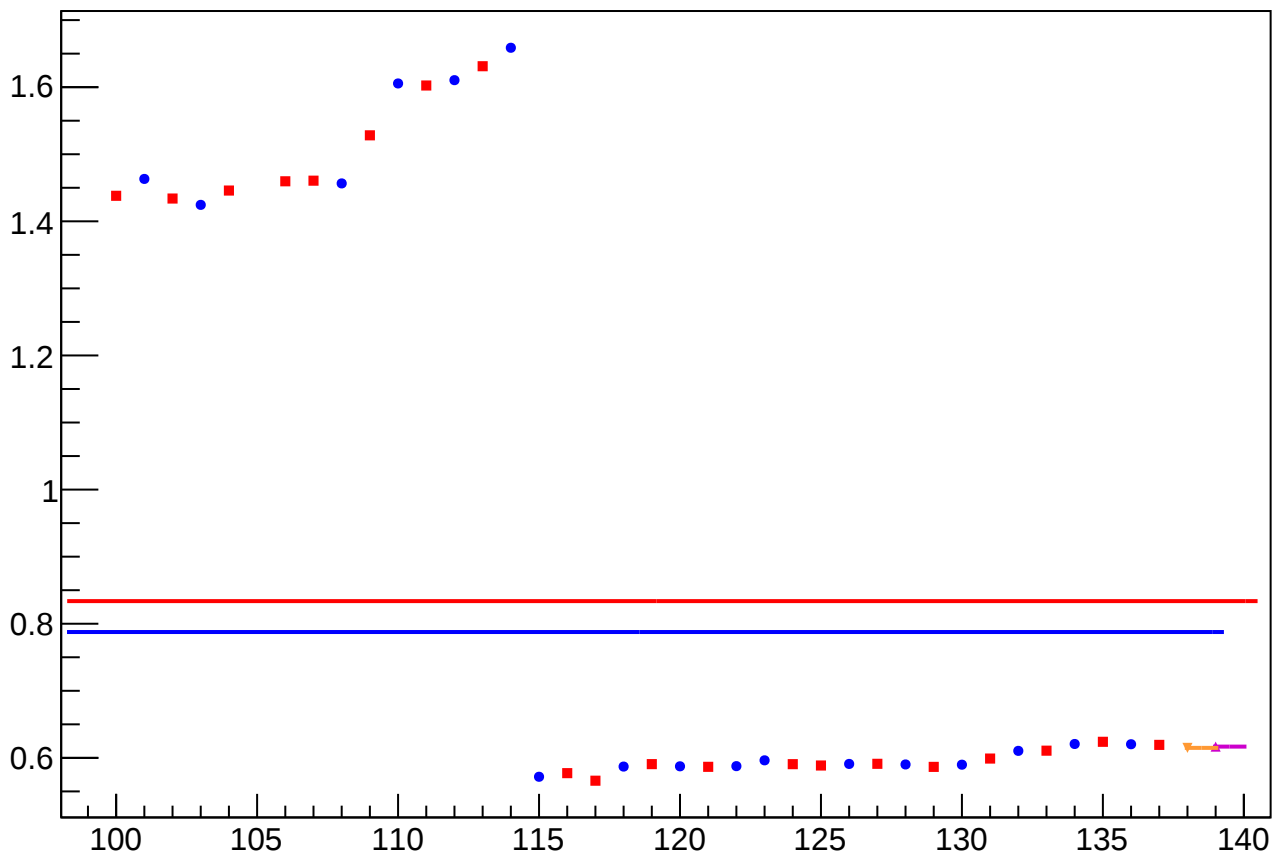
Right Out: 0.023+/-0.000 χ^2/NDF : 1169013.8/19

Left In: 0.041+/-0.000 χ^2/NDF : 0.0/0

0.022+/-0.000 χ^2/NDF : 1005182.1/17

0.024+/-0.000 χ^2/NDF : 1425175.9/20

yield_bpm4aY_mean vs Slug



Right In: 0.788 $\pm$ 0.000 χ^2 /NDF: 3581400502.4/16

Left Out: 0.615 $\pm$ 0.000 χ^2 /NDF:0.0/0

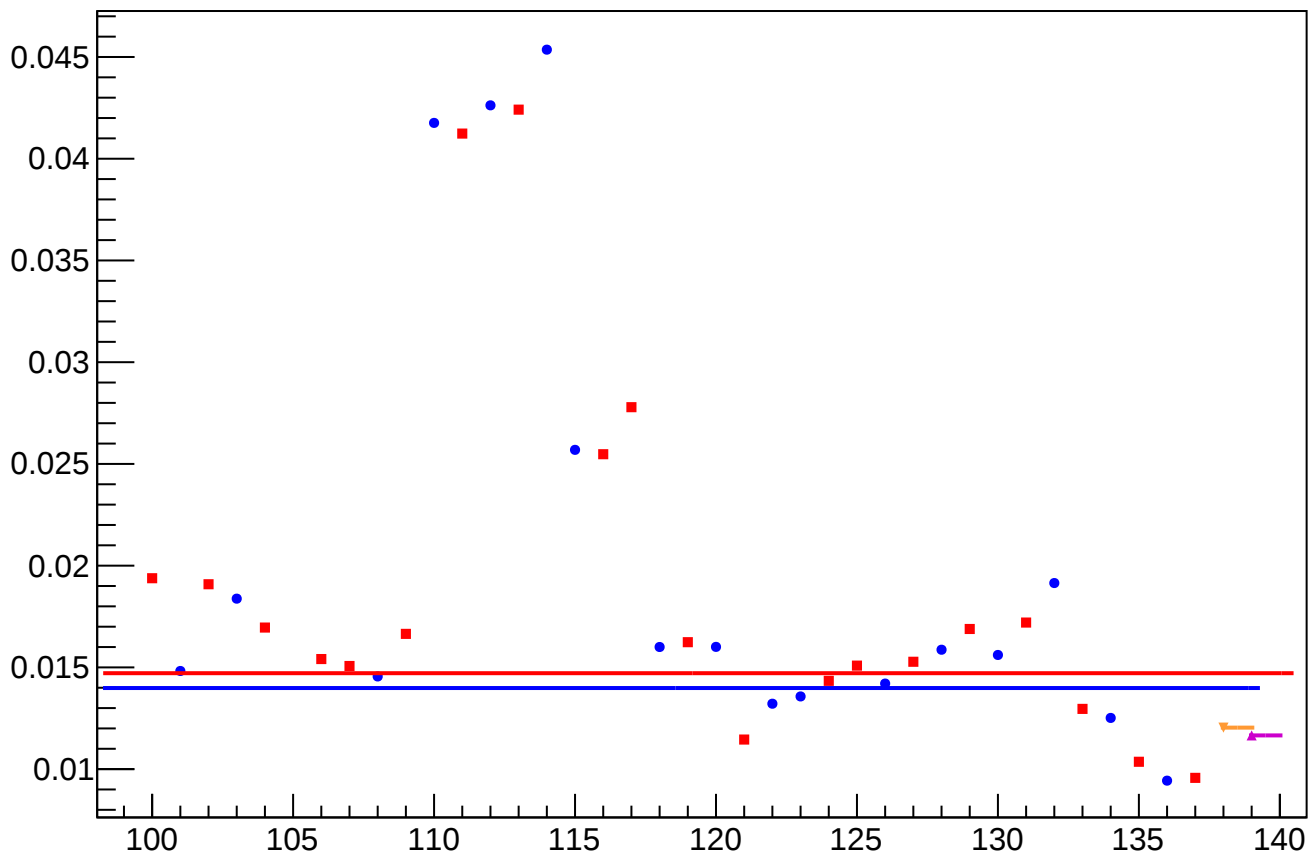
Right Out: 0.834 $\pm$ 0.000 χ^2 /NDF: 4155673215.9/19

Left In: 0.617 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.763 $\pm$ 0.000 χ^2 /NDF: 3704725092.8/17

0.799 $\pm$ 0.000 χ^2 /NDF: 4363928686.6/20

yield_bpm4aY_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 1398505.7/16

Left Out: 0.012+/-0.000 χ^2/NDF : 0.0/0

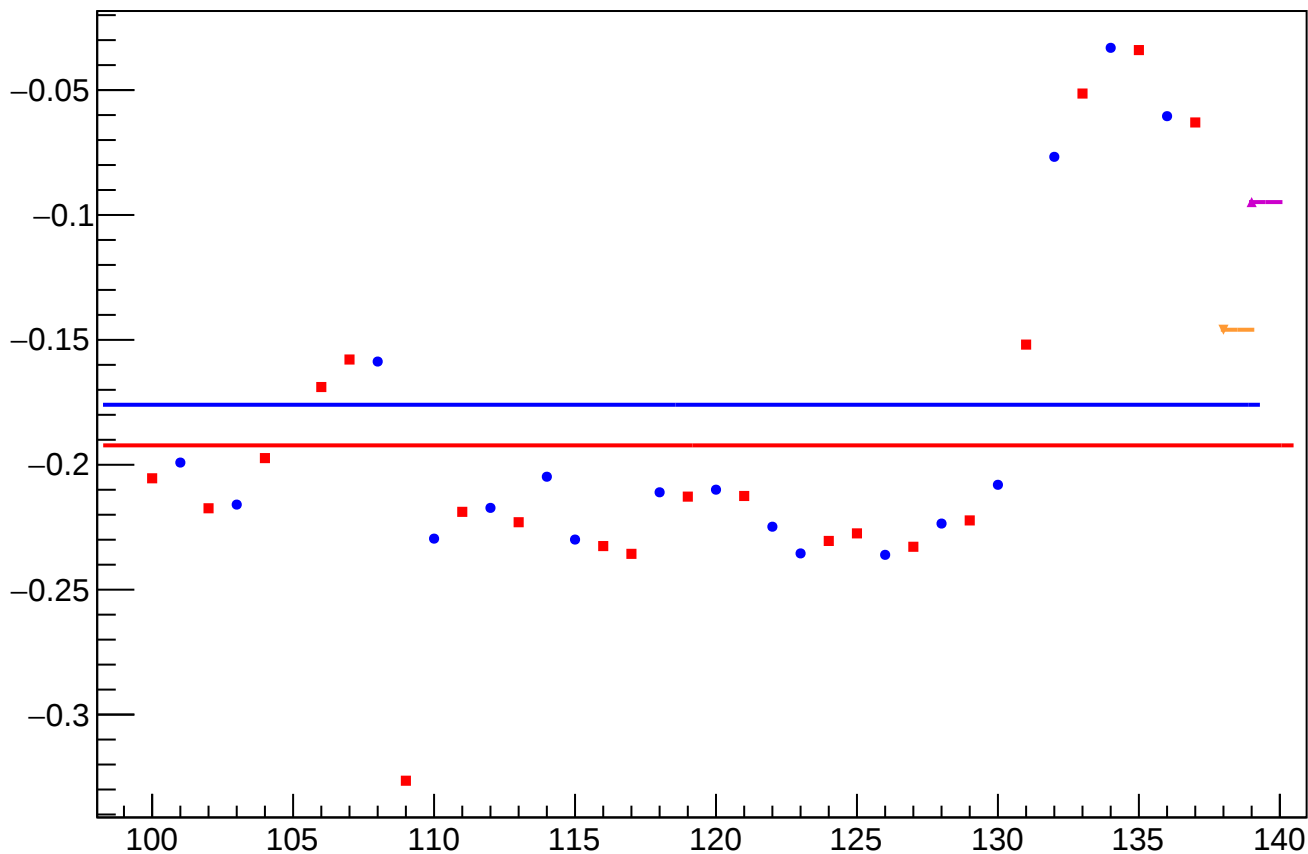
Right Out: 0.015+/-0.000 χ^2/NDF : 1275472.3/19

Left In: 0.012+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 1429811.3/17

0.014+/-0.000 χ^2/NDF : 1358241.9/20

yield_bpm4eX_mean vs Slug



Right In: -0.176+/-0.000 χ^2/NDF : 70121069.1/16

Left Out: -0.146+/-0.000 χ^2/NDF : 0.0/0

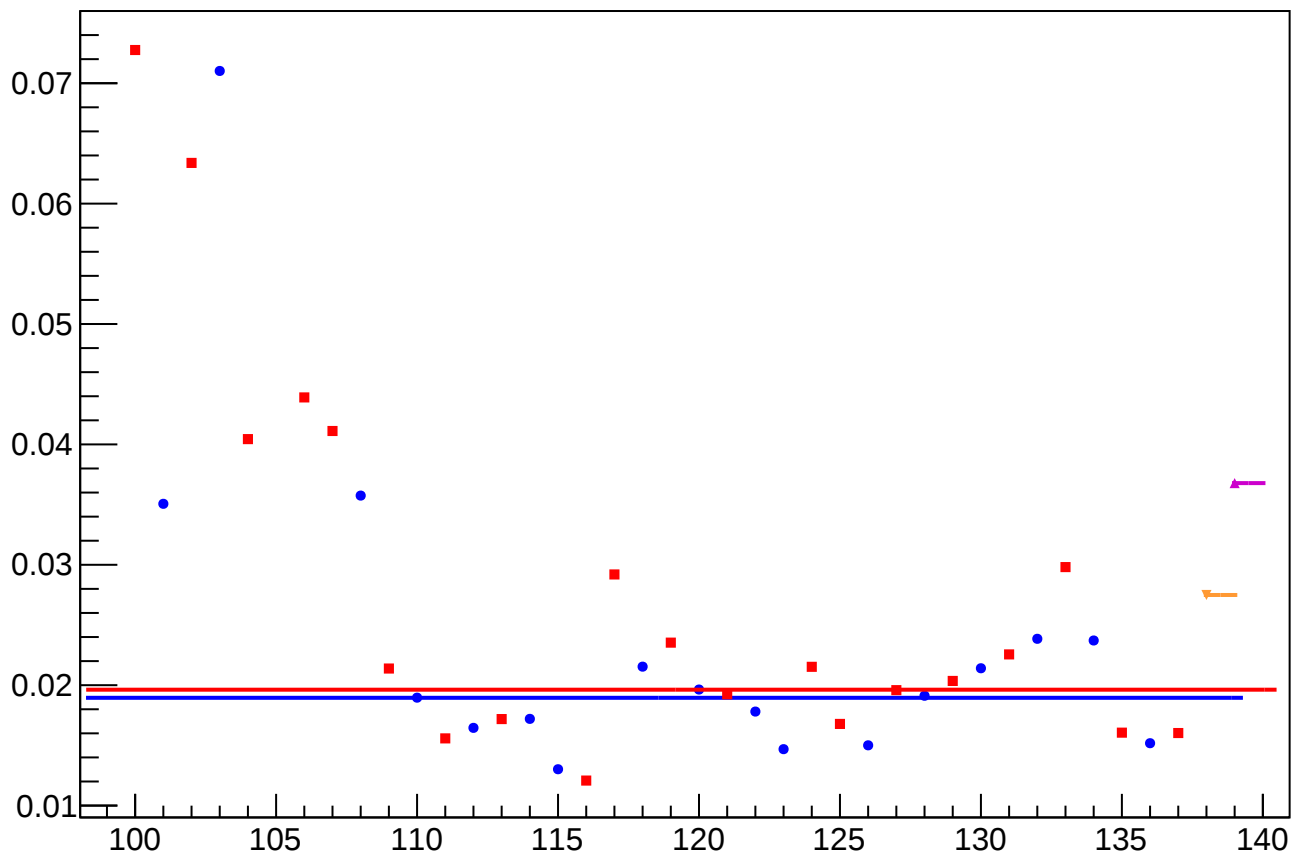
Right Out: -0.192+/-0.000 χ^2/NDF : 83343025.0/19

Left In: -0.095+/-0.000 χ^2/NDF : 0.0/0

-0.174+/-0.000 χ^2/NDF : 70815467.9/17

-0.189+/-0.000 χ^2/NDF : 88198586.0/20

yield_bpm4eX_rms vs Slug



Right In: 0.019+/-0.000 χ^2/NDF : 1203275.7/16

Left Out: 0.027+/-0.000 χ^2/NDF : 0.0/0

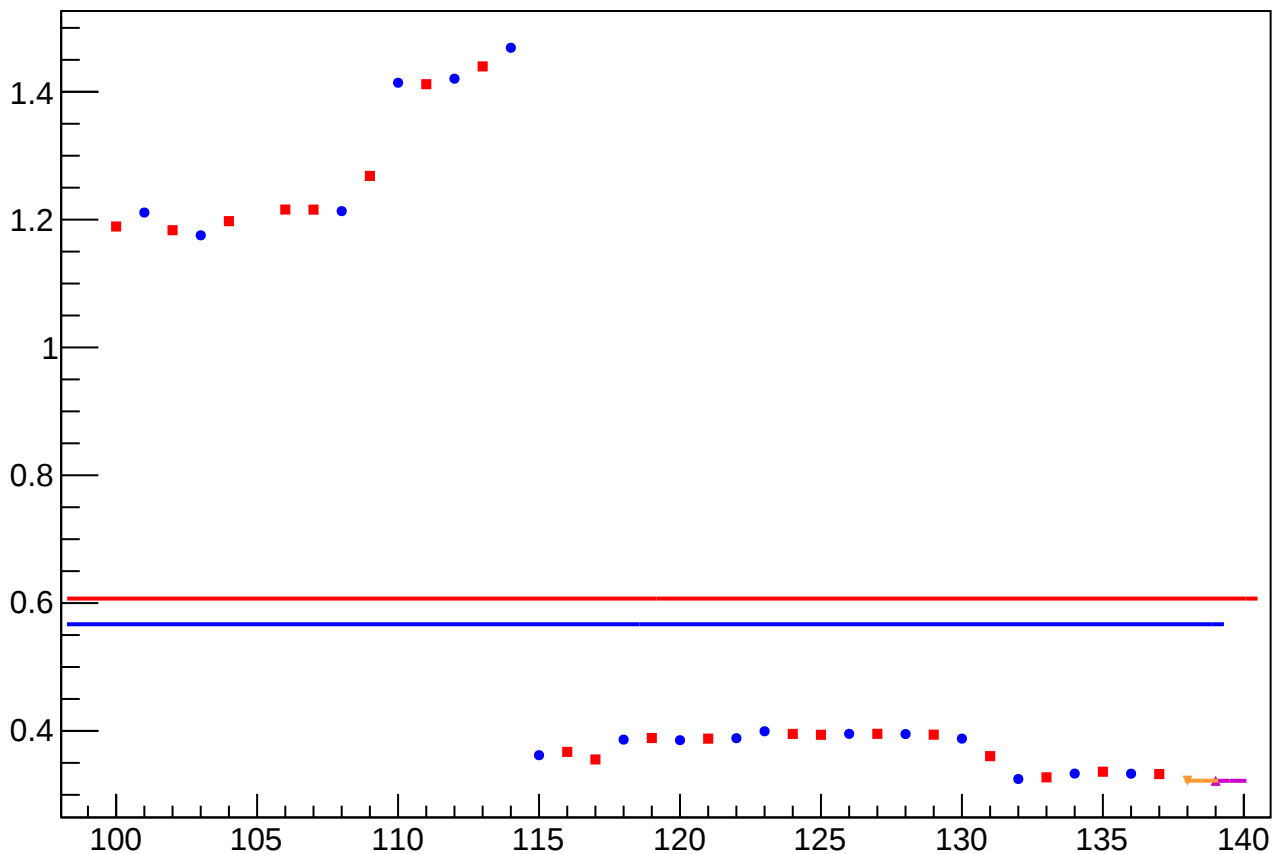
Right Out: 0.020+/-0.000 χ^2/NDF : 1463983.0/19

Left In: 0.037+/-0.000 χ^2/NDF : 0.0/0

0.019+/-0.000 χ^2/NDF : 1315565.2/17

0.020+/-0.000 χ^2/NDF : 1765430.5/20

yield_bpm4eY_mean vs Slug



Right In: 0.567 $\pm$ 0.000 χ^2 /NDF: 5016913731.3/16

Left Out: 0.322 $\pm$ 0.000 χ^2 /NDF:0.0/0

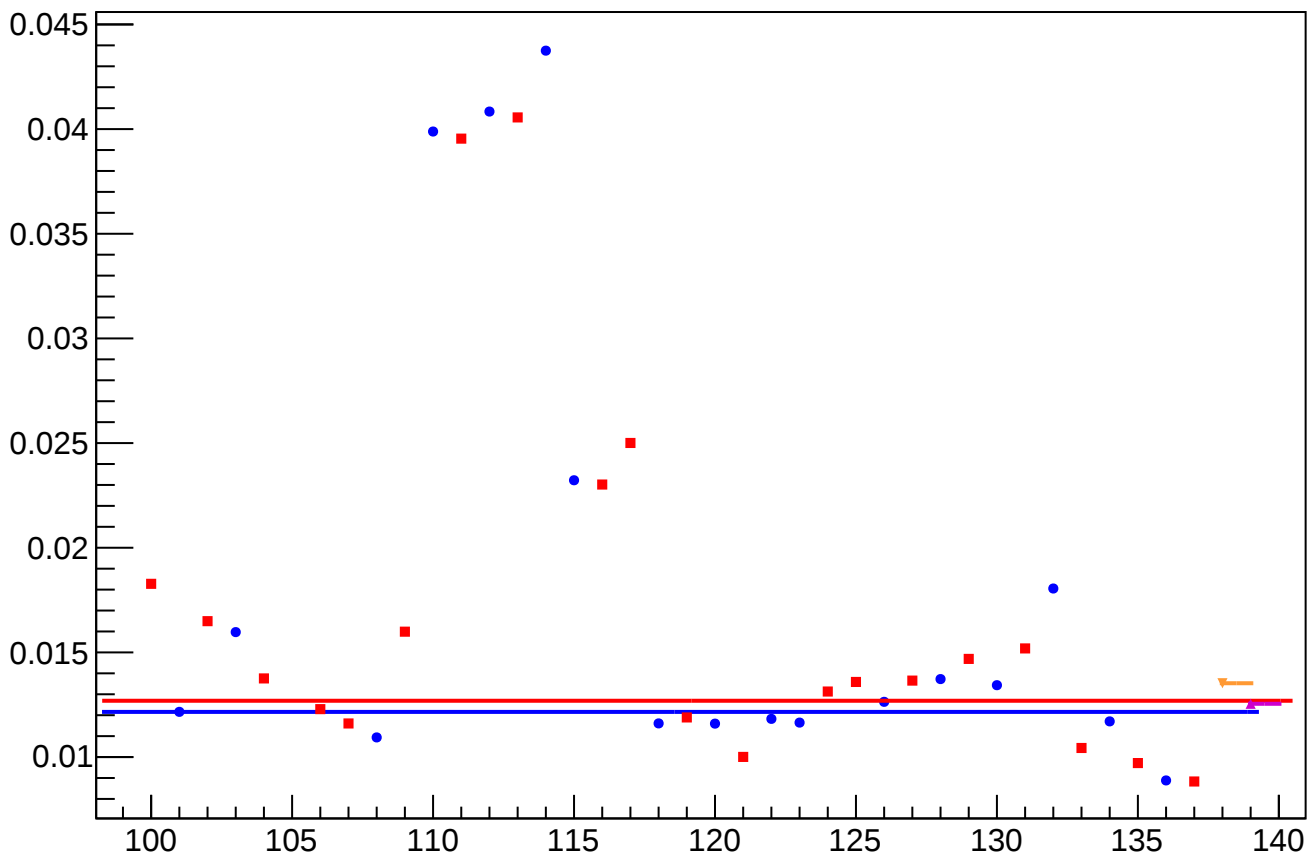
Right Out: 0.607 $\pm$ 0.000 χ^2 /NDF: 5509130775.3/19

Left In: 0.322 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.544 $\pm$ 0.000 χ^2 /NDF: 5226583755.3/17

0.576 $\pm$ 0.000 χ^2 /NDF: 5834348273.7/20

yield_bpm4eY_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 1307948.2/16

Left Out: 0.014 $\pm$ 0.000 χ^2 /NDF:0.0/0

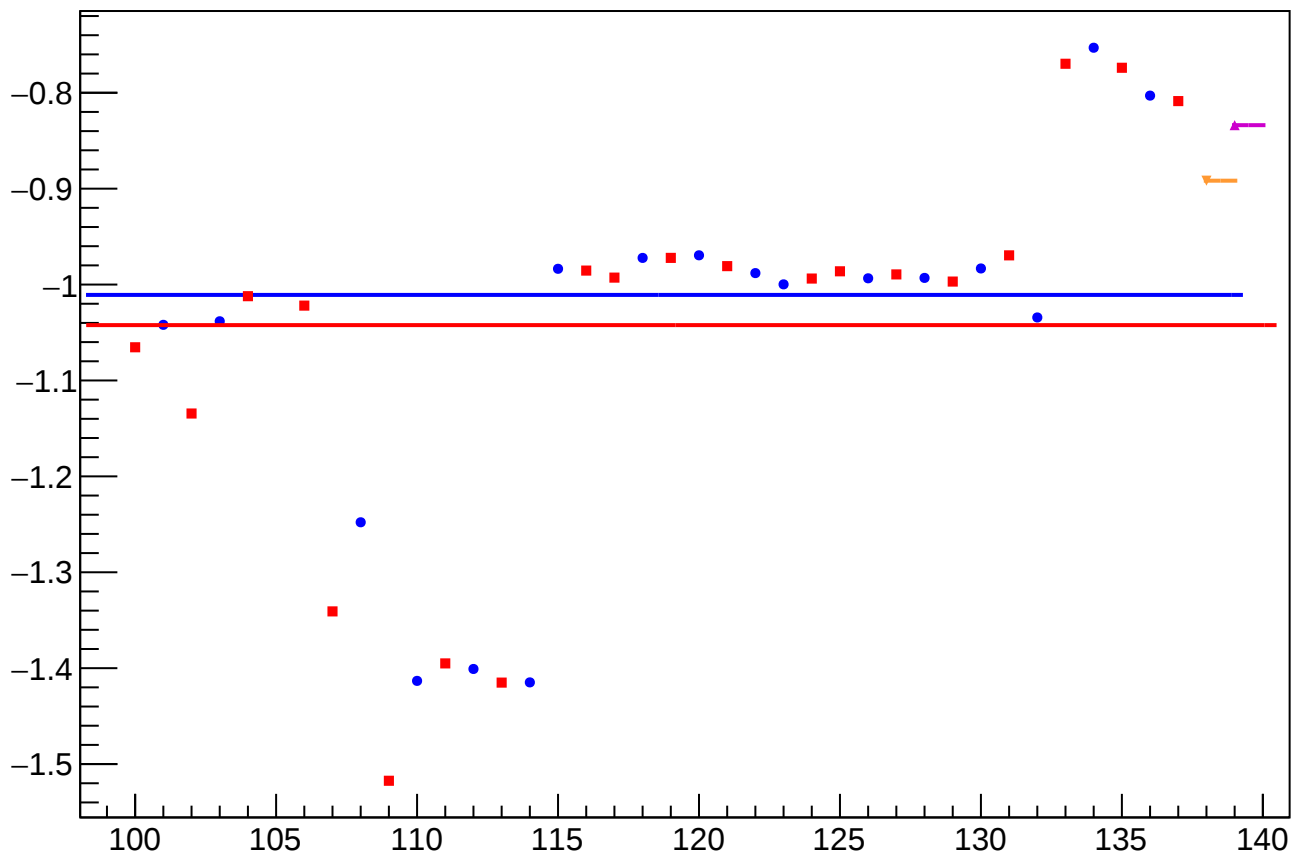
Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 1285911.2/19

Left In: 0.013 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.012 $\pm$ 0.000 χ^2 /NDF: 1321072.5/17

0.013 $\pm$ 0.000 χ^2 /NDF: 1286079.4/20

yield_bpm4acX_mean vs Slug



Right In: -1.011+/-0.000 χ^2/NDF : 387140230.3/16

Left Out: -0.892+/-0.000 χ^2/NDF : 0.0/0

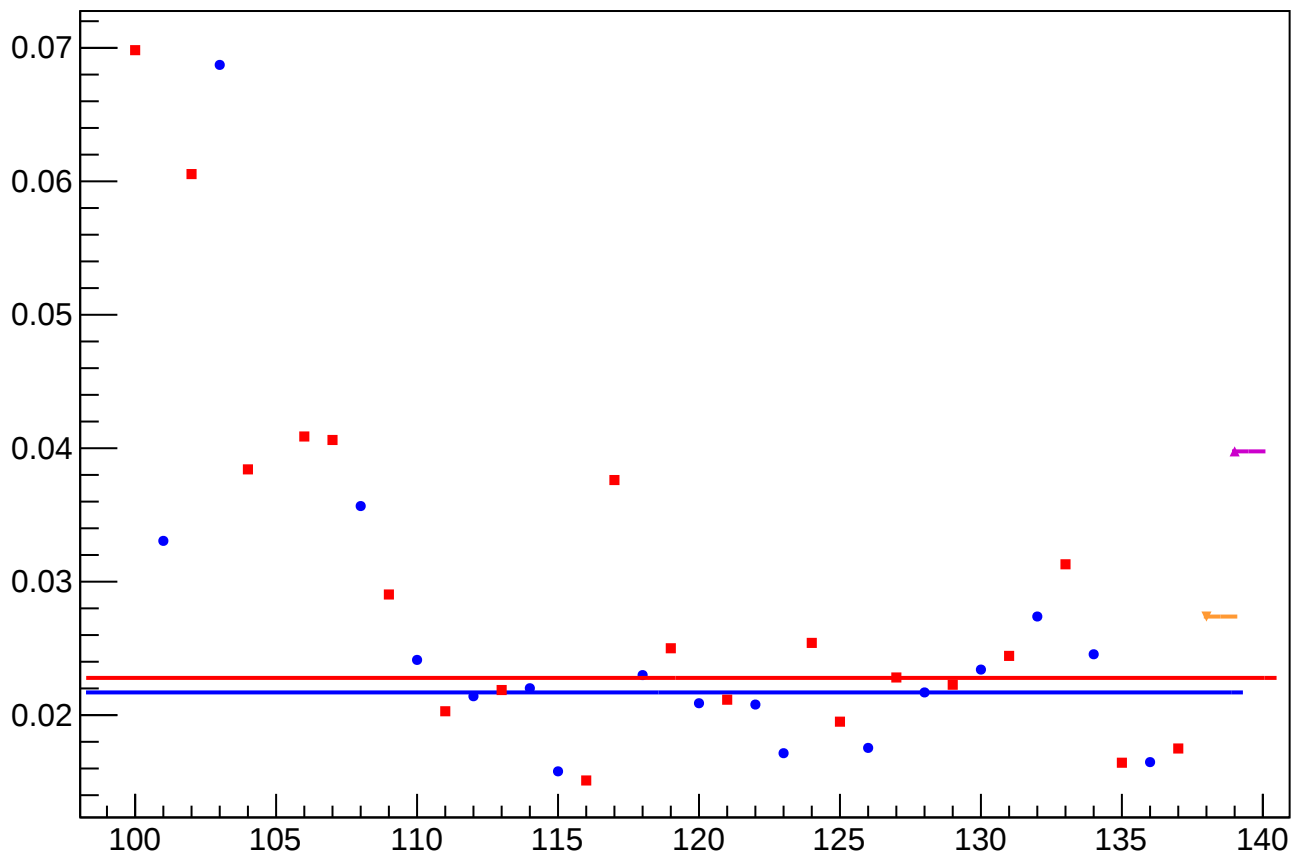
Right Out: -1.042+/-0.000 χ^2/NDF : 529028760.6/19

Left In: -0.834+/-0.000 χ^2/NDF : 0.0/0

-1.003+/-0.000 χ^2/NDF : 397539433.7/17

-1.033+/-0.000 χ^2/NDF : 548010051.9/20

yield_bpm4acX_rms vs Slug



Right In: 0.022 $\pm$ 0.000 χ^2 /NDF: 979293.5/16

Left Out: 0.027 $\pm$ 0.000 χ^2 /NDF:0.0/0

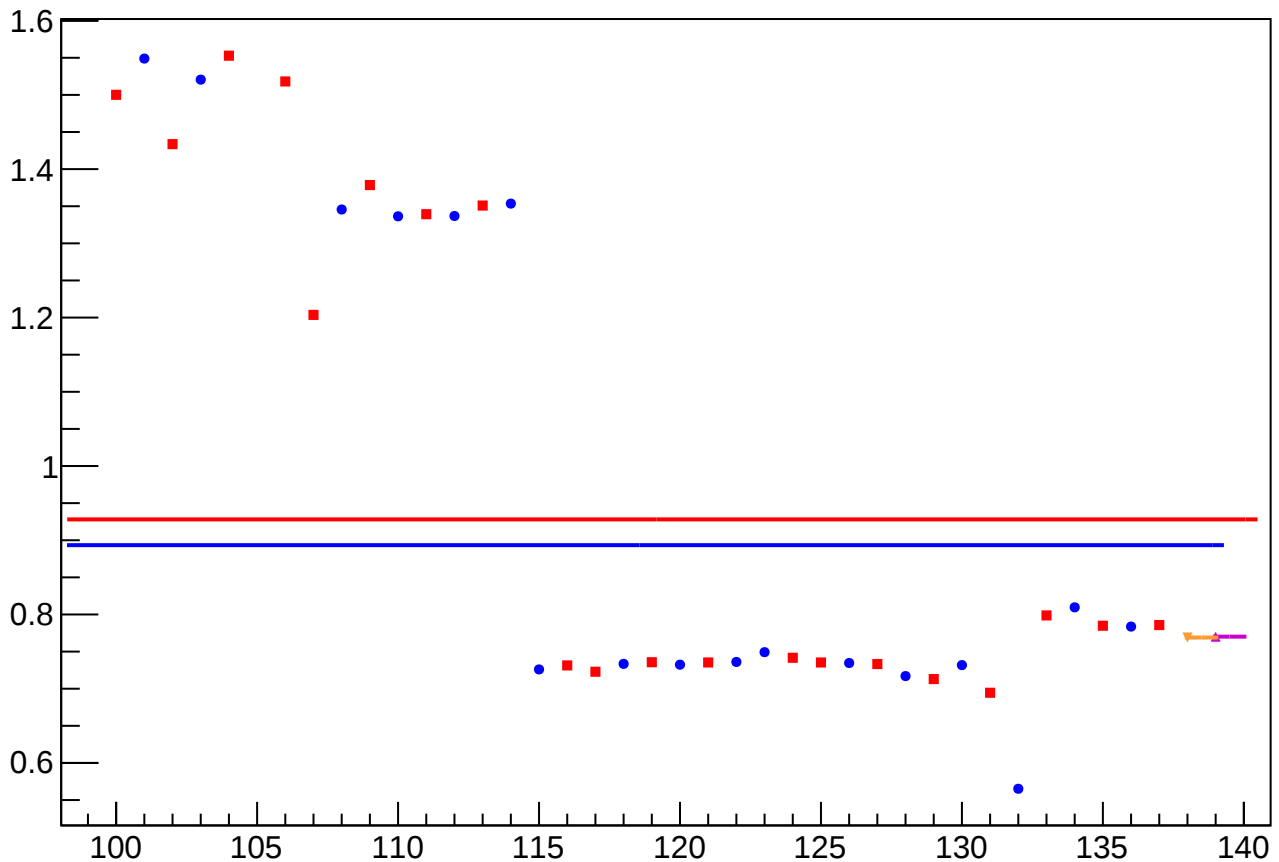
Right Out: 0.023 $\pm$ 0.000 χ^2 /NDF: 1164870.4/19

Left In: 0.040 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.022 $\pm$ 0.000 χ^2 /NDF: 1026675.7/17

0.024 $\pm$ 0.000 χ^2 /NDF: 1416538.7/20

yield_bpm4acY_mean vs Slug



Right In: 0.893+/-0.000 χ^2/NDF : 2408017556.1/16

Left Out: 0.769+/-0.000 χ^2/NDF : 0.0/0

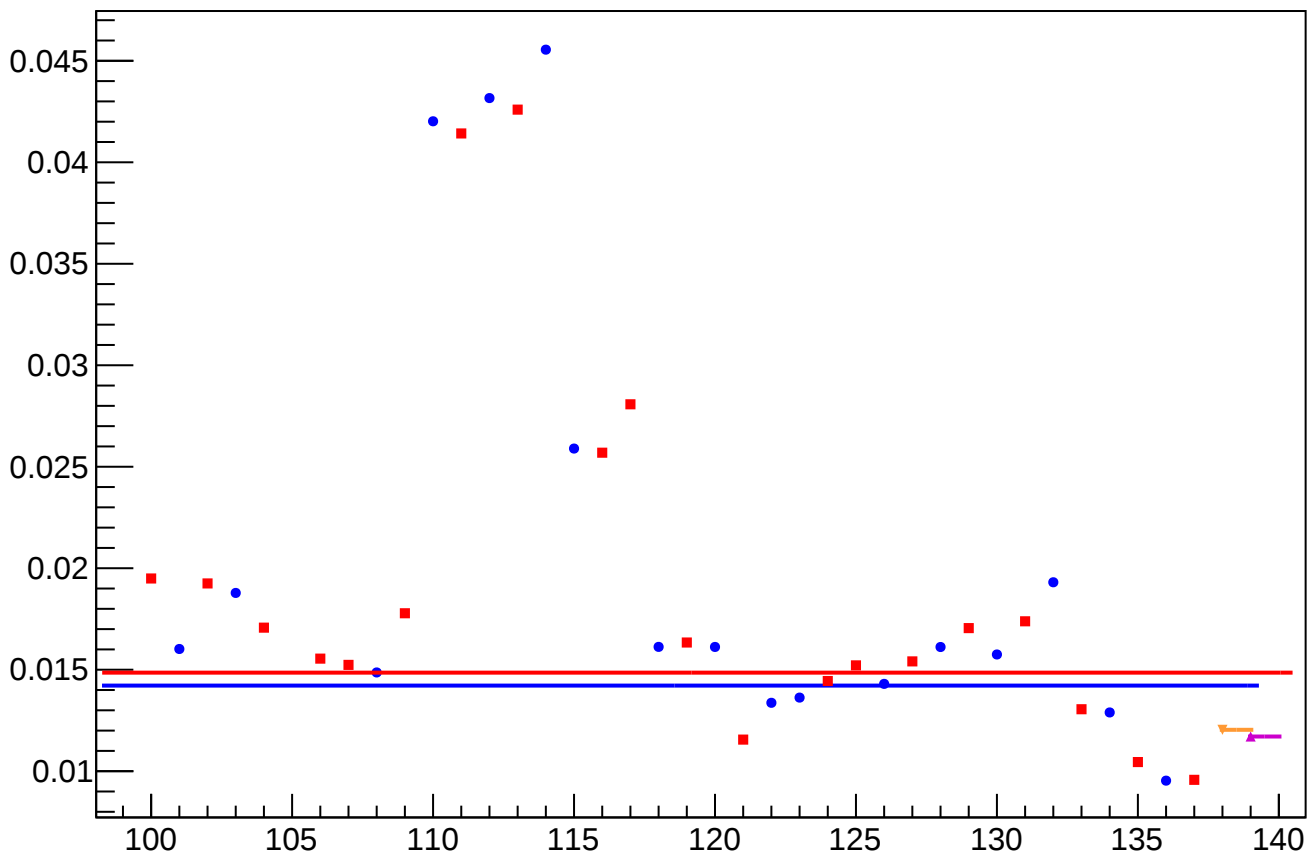
0.875+/-0.000 χ^2/NDF : 2471670098.7/17

Right Out: 0.928+/-0.000 χ^2/NDF : 2437683008.7/19

0.903+/-0.000 χ^2/NDF : 2546869436.5/20

Left In: 0.770+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4acY_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 1409594.2/16

Left Out: 0.012+/-0.000 χ^2/NDF : 0.0/0

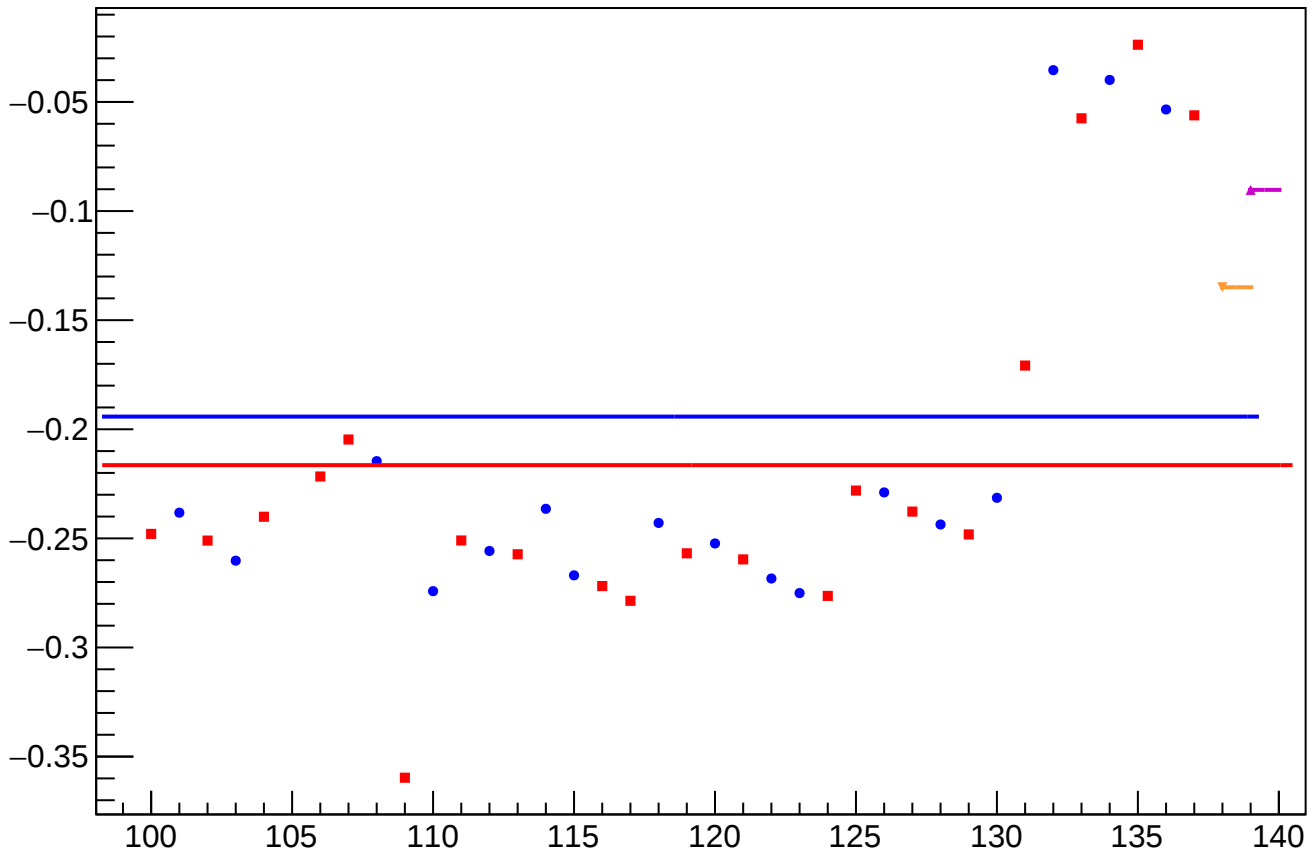
Right Out: 0.015+/-0.000 χ^2/NDF : 1286513.9/19

Left In: 0.012+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 1448608.4/17

0.014+/-0.000 χ^2/NDF : 1373188.1/20

yield_bpm4ecX_mean vs Slug



Right In: -0.194+/-0.000 χ^2/NDF : 108425823.4/16

Left Out: -0.135+/-0.000 χ^2/NDF : 0.0/0

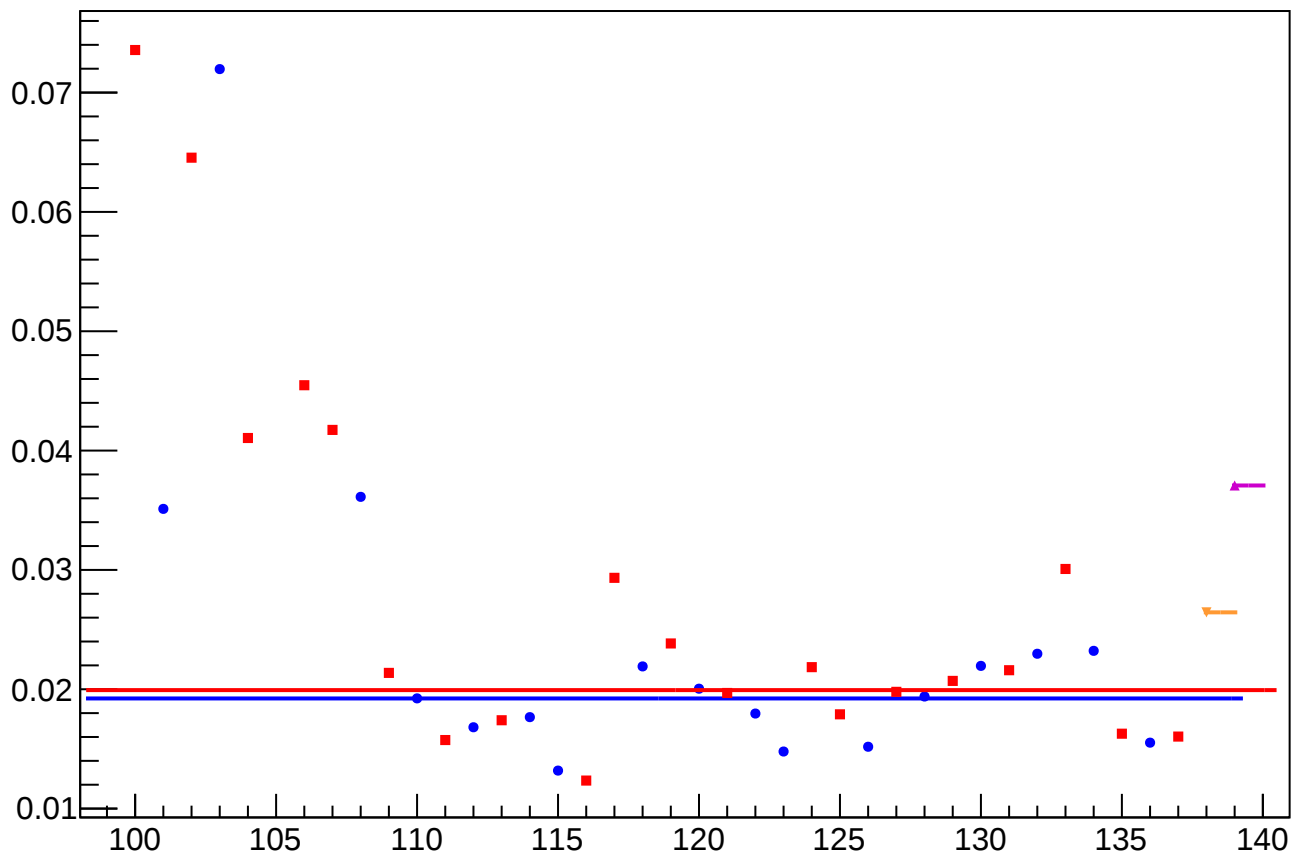
-0.191+/-0.000 χ^2/NDF : 111271130.6/17

Right Out: -0.216+/-0.000 χ^2/NDF : 111217219.2/19

-0.212+/-0.000 χ^2/NDF : 119220675.0/20

Left In: -0.090+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4ecX_rms vs Slug



Right In: 0.019+/-0.000 χ^2/NDF : 1174577.3/16

Left Out: 0.026+/-0.000 χ^2/NDF : 0.0/0

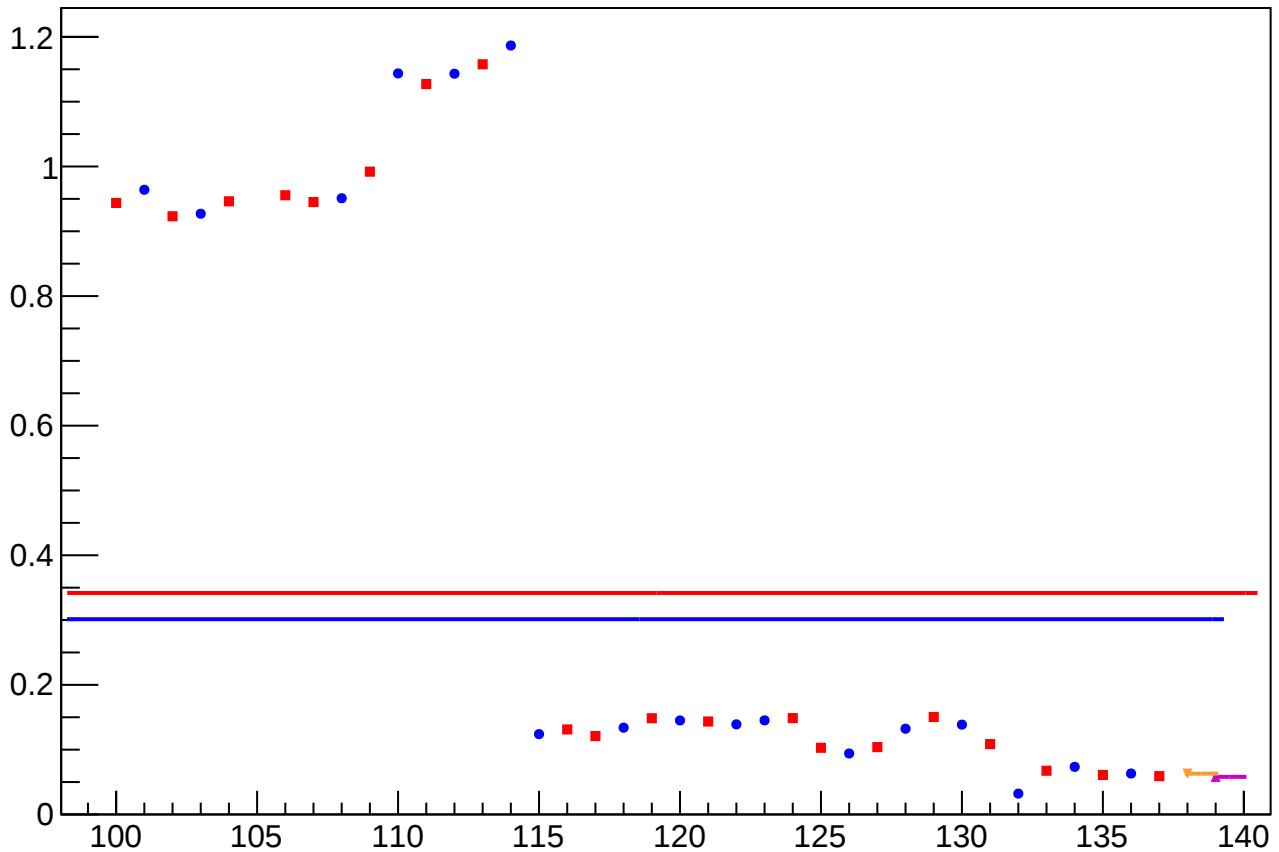
Right Out: 0.020+/-0.000 χ^2/NDF : 1452730.4/19

Left In: 0.037+/-0.000 χ^2/NDF : 0.0/0

0.020+/-0.000 χ^2/NDF : 1258930.0/17

0.021+/-0.000 χ^2/NDF : 1748468.6/20

yield_bpm4ecY_mean vs Slug



Right In: 0.301+/-0.000 χ^2/NDF : 5154791073.8/16

Left Out: 0.063+/-0.000 χ^2/NDF : 0.0/0

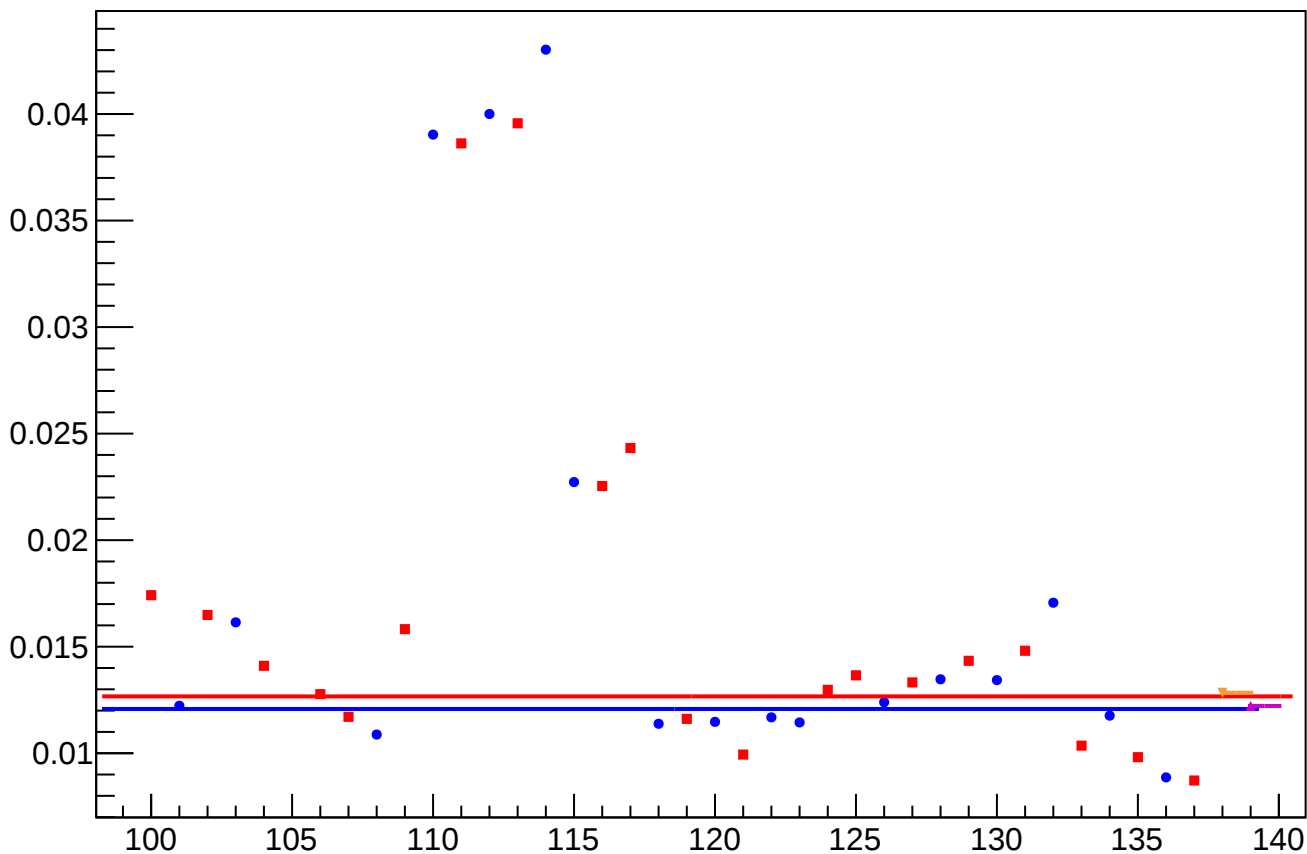
0.277+/-0.000 χ^2/NDF : 5373499896.3/17

Right Out: 0.342+/-0.000 χ^2/NDF : 5445885893.4/19

0.310+/-0.000 χ^2/NDF : 5783139299.0/20

Left In: 0.058+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4ecY_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF : 1280342.2/16

Left Out: 0.013+/-0.000 χ^2/NDF : 0.0/0

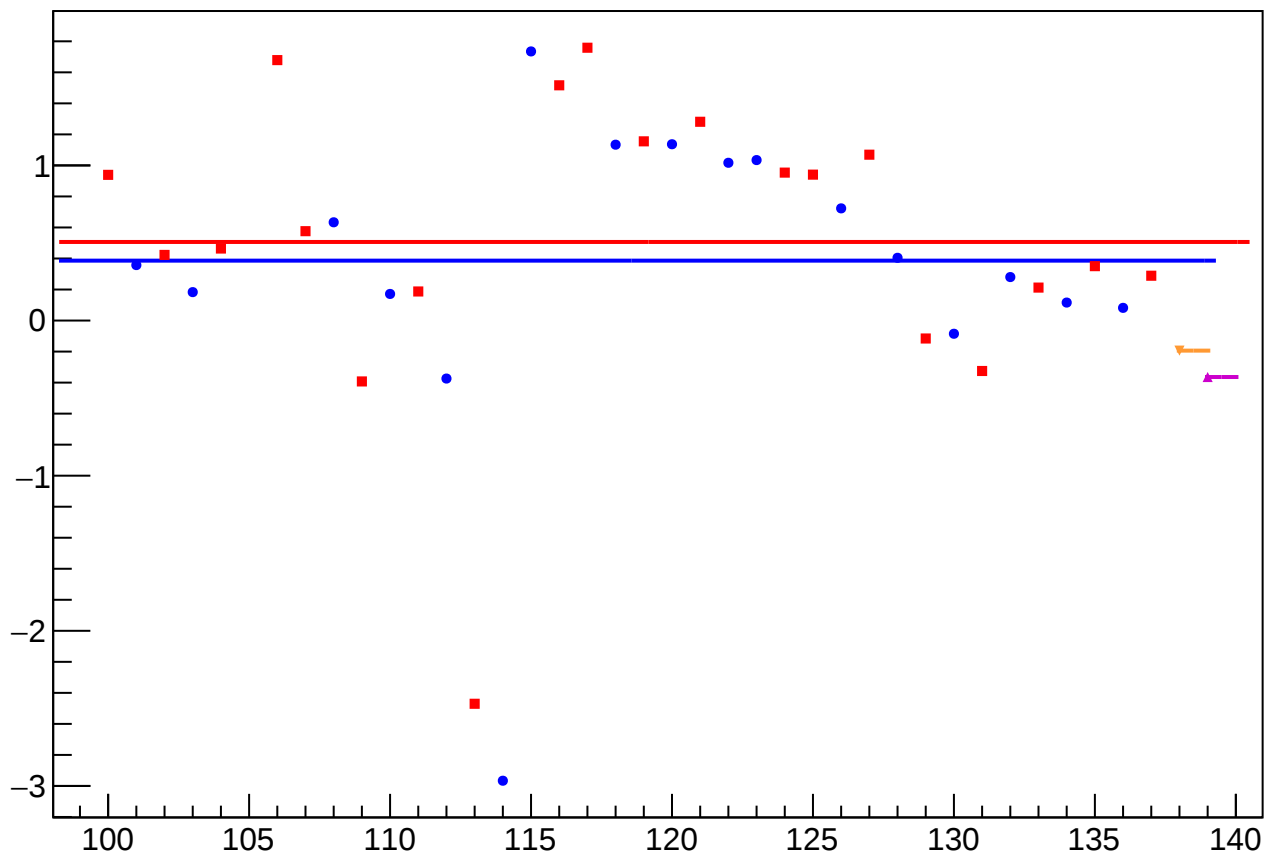
Right Out: 0.013+/-0.000 χ^2/NDF : 1253755.7/19

Left In: 0.012+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 1284810.7/17

0.013+/-0.000 χ^2/NDF : 1255441.9/20

yield_bpm1X_mean vs Slug



Right In: 0.386+/-0.000 χ^2/NDF : 246380221.7/16

Left Out: -0.194+/-0.000 χ^2/NDF : 0.0/0

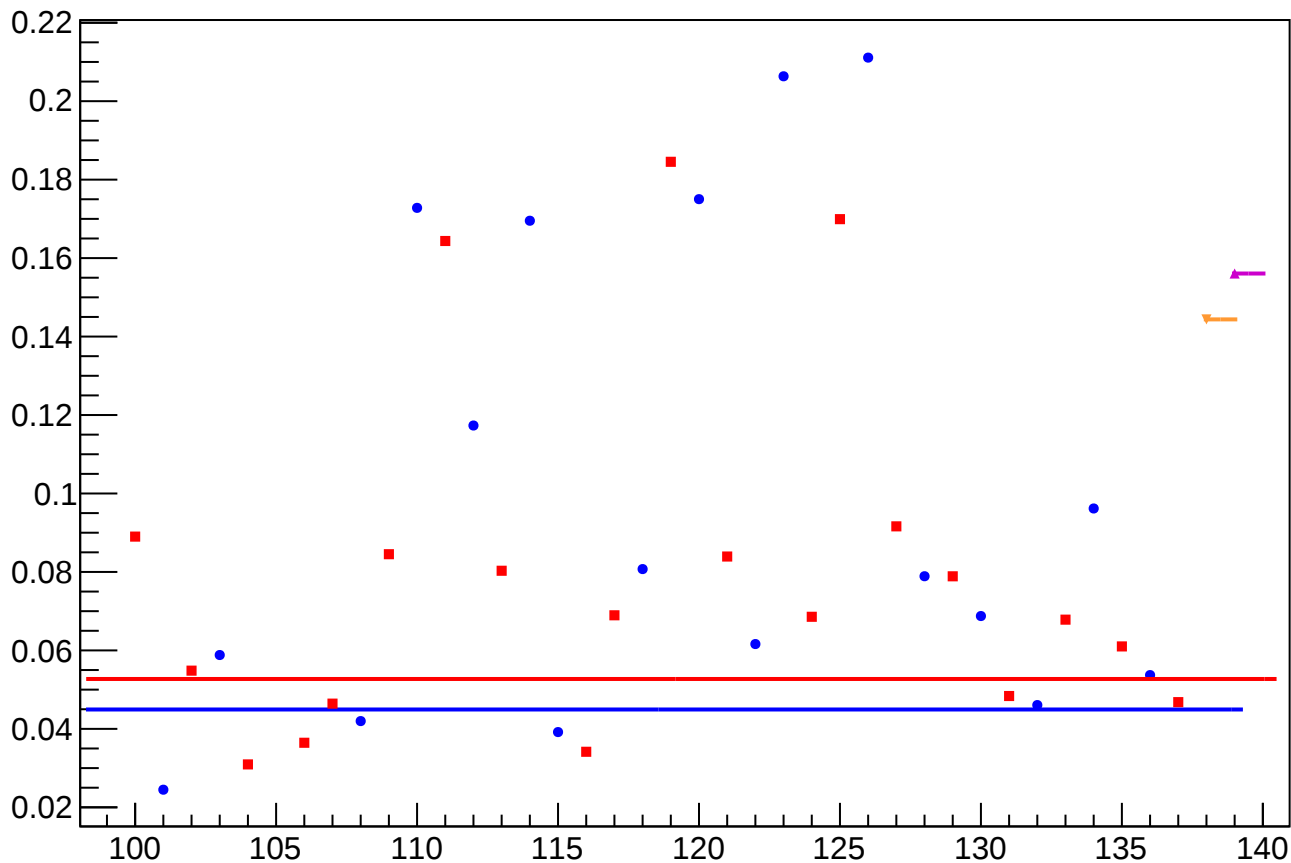
Right Out: 0.507+/-0.000 χ^2/NDF : 995373603.6/19

Left In: -0.364+/-0.000 χ^2/NDF : 0.0/0

0.376+/-0.000 χ^2/NDF : 256581583.3/17

0.492+/-0.000 χ^2/NDF : 1014691742.2/20

yield_bpm1X_rms vs Slug



Right In: 0.045+/-0.000 χ^2/NDF : 2788348.6/16

Left Out: 0.144+/-0.000 χ^2/NDF : 0.0/0

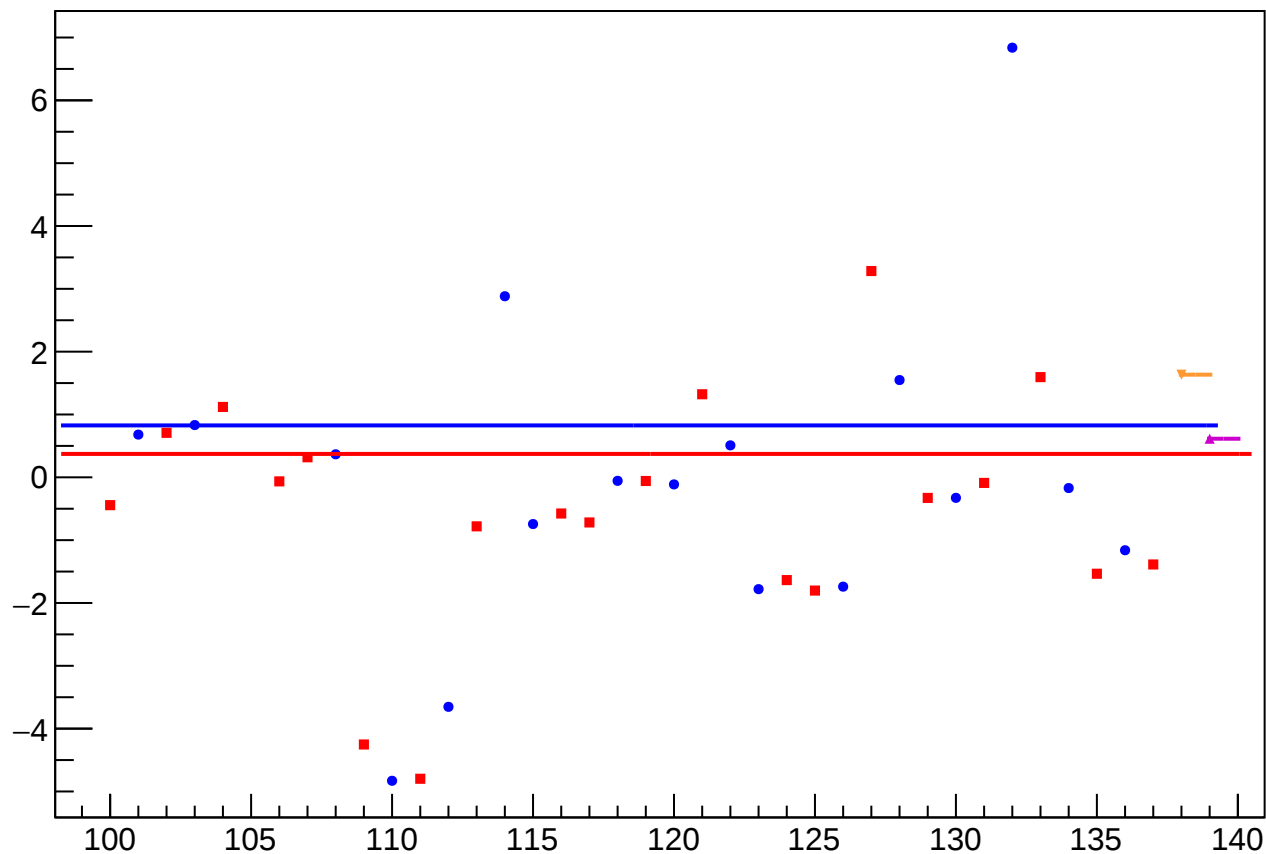
Right Out: 0.053+/-0.000 χ^2/NDF : 2195781.8/19

Left In: 0.156+/-0.000 χ^2/NDF : 0.0/0

0.047+/-0.000 χ^2/NDF : 3387973.0/17

0.054+/-0.000 χ^2/NDF : 2740293.3/20

yield_bpm1Y_mean vs Slug



Right In: 0.826 $\pm$ 0.000 χ^2 /NDF: 10945455664.9/16

Left Out: 1.634 $\pm$ 0.000 χ^2 /NDF: 0.0/0

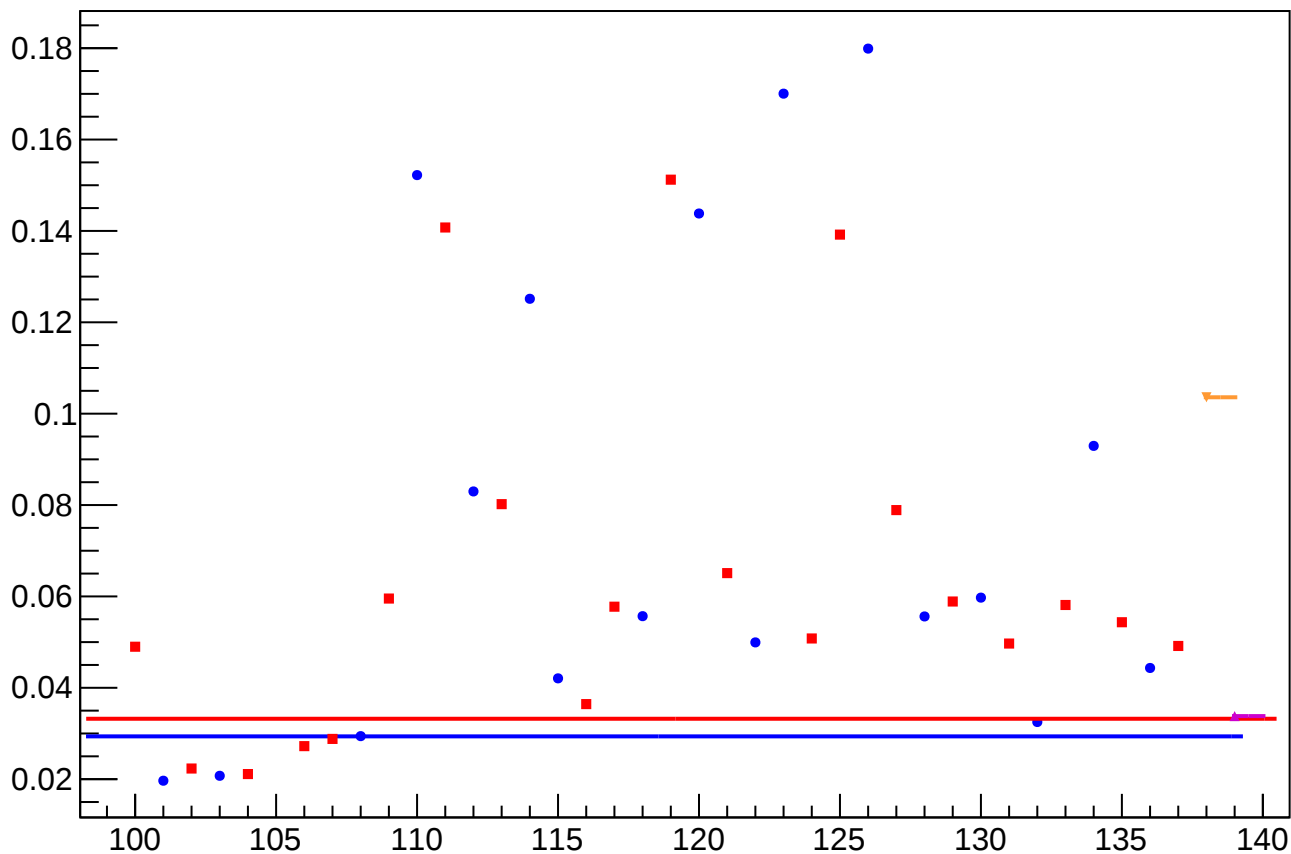
Right Out: 0.372 $\pm$ 0.000 χ^2 /NDF: 4960201861.0/19

Left In: 0.614 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.838 $\pm$ 0.000 χ^2 /NDF: 10982200011.1/17

0.384 $\pm$ 0.000 χ^2 /NDF: 4970417743.6/20

yield_bpm1Y_rms vs Slug



Right In: 0.029+/-0.000 χ^2/NDF : 2987169.5/16

Left Out: 0.104+/-0.000 χ^2/NDF : 0.0/0

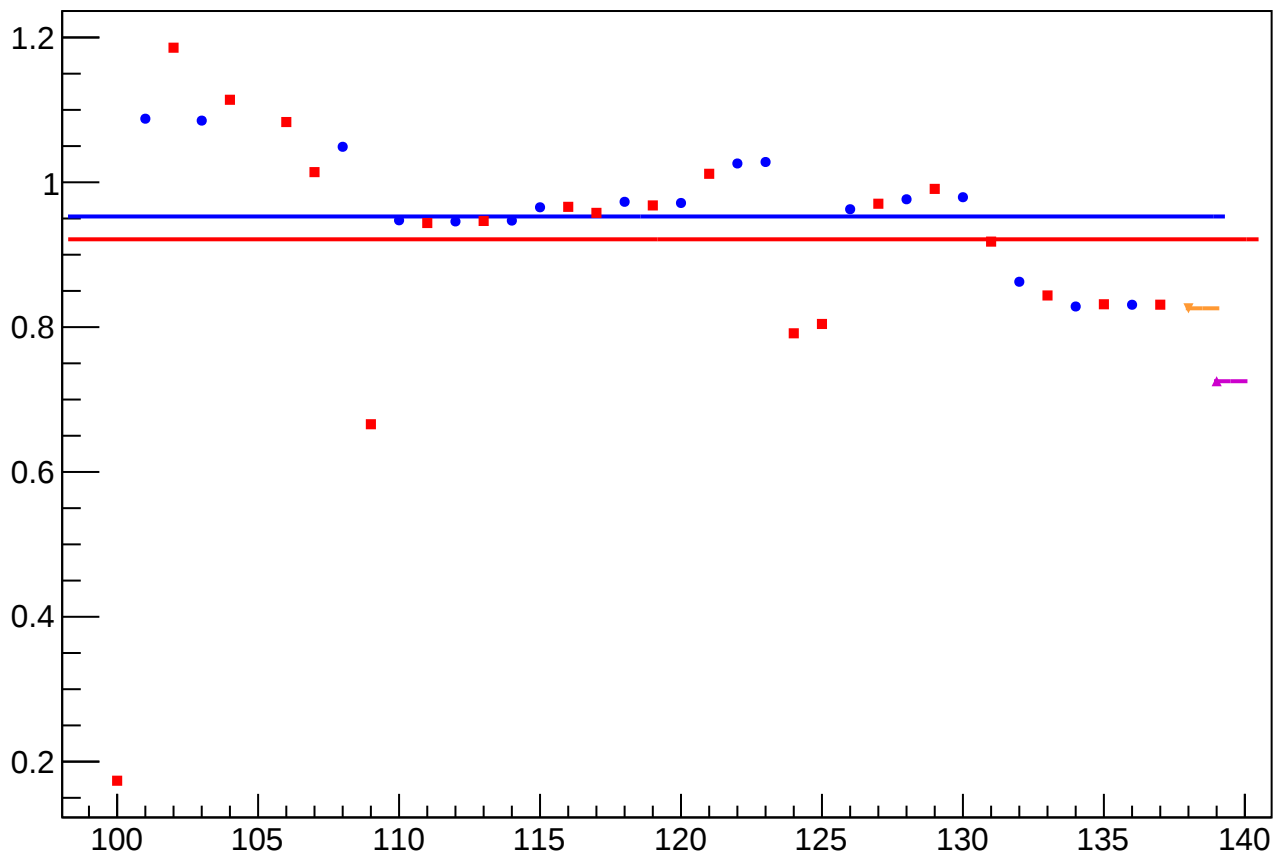
Right Out: 0.033+/-0.000 χ^2/NDF : 3112299.1/19

Left In: 0.034+/-0.000 χ^2/NDF : 0.0/0

0.030+/-0.000 χ^2/NDF : 3607647.5/17

0.033+/-0.000 χ^2/NDF : 3112417.4/20

yield_bpm11X_mean vs Slug



Right In: 0.953+/-0.000 χ^2/NDF : 175750243.6/16

Left Out: 0.826+/-0.000 χ^2/NDF : 0.0/0

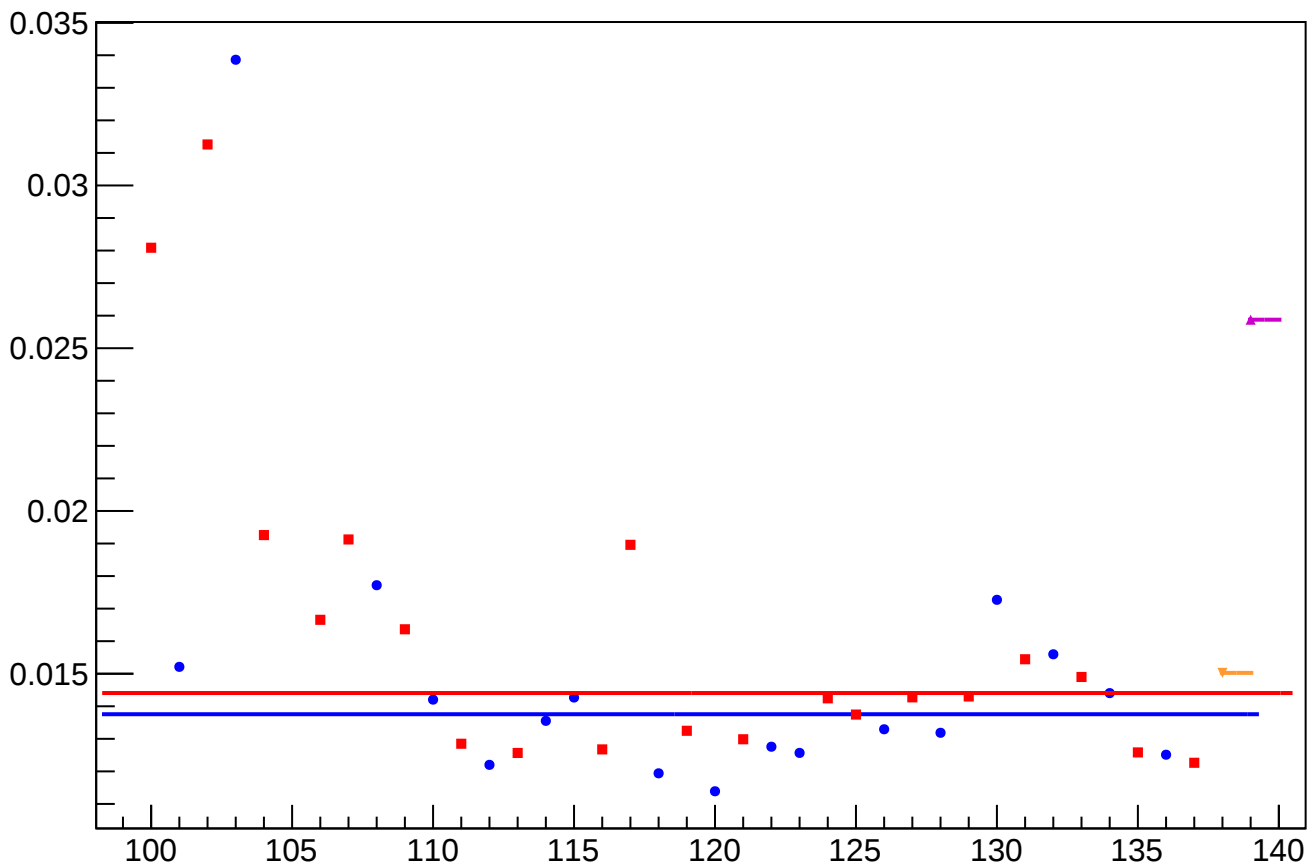
Right Out: 0.921+/-0.000 χ^2/NDF : 374306248.8/19

Left In: 0.725+/-0.000 χ^2/NDF : 0.0/0

0.943+/-0.000 χ^2/NDF : 214297911.1/17

0.915+/-0.000 χ^2/NDF : 413058303.7/20

yield_bpm11X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 538469.4/16

Left Out: 0.015+/-0.000 χ^2/NDF : 0.0/0

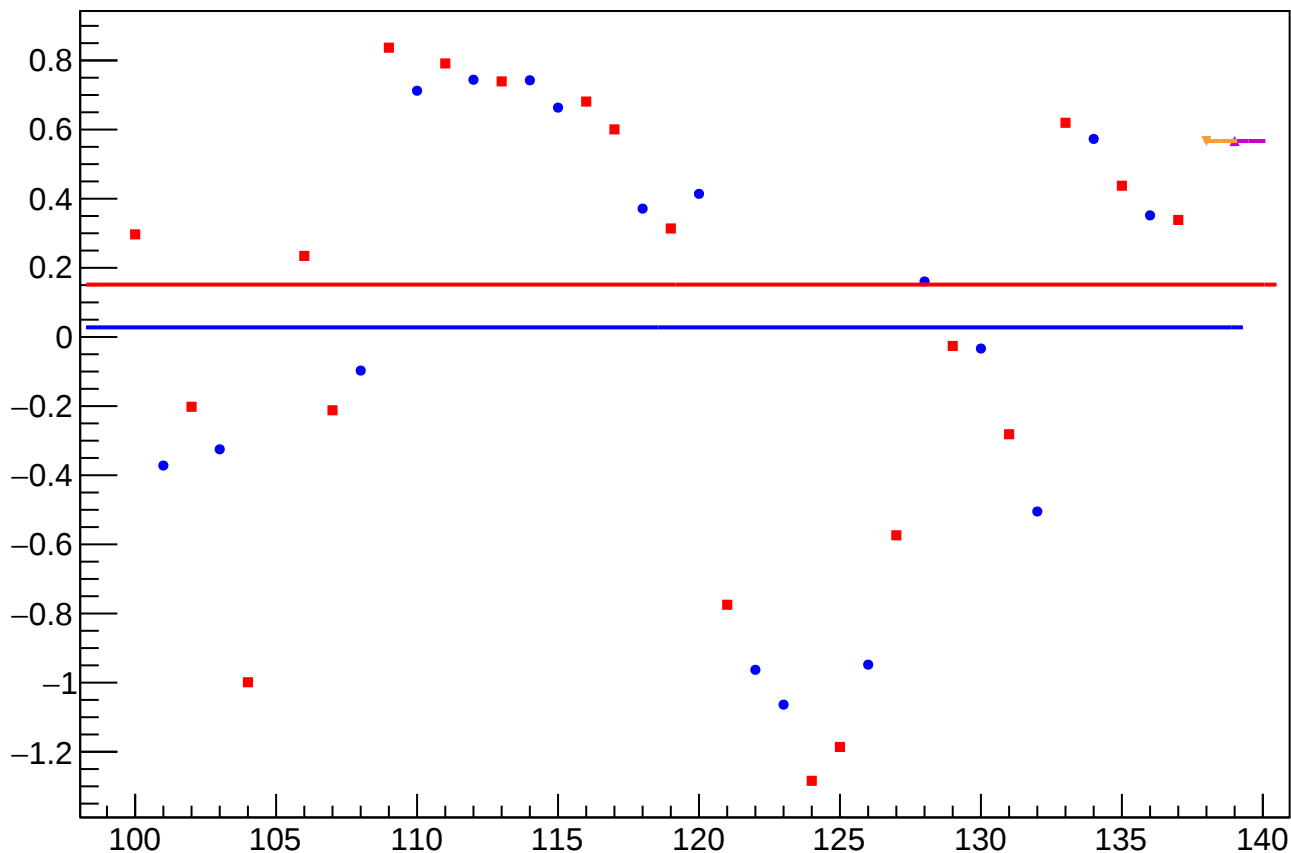
Right Out: 0.014+/-0.000 χ^2/NDF : 508622.9/19

Left In: 0.026+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 546208.2/17

0.015+/-0.000 χ^2/NDF : 774063.2/20

yield_bpm11Y_mean vs Slug



Right In: 0.028 $\pm$ 0.000 χ^2 /NDF: 6276955529.7/16

Left Out: 0.567 $\pm$ 0.000 χ^2 /NDF:0.0/0

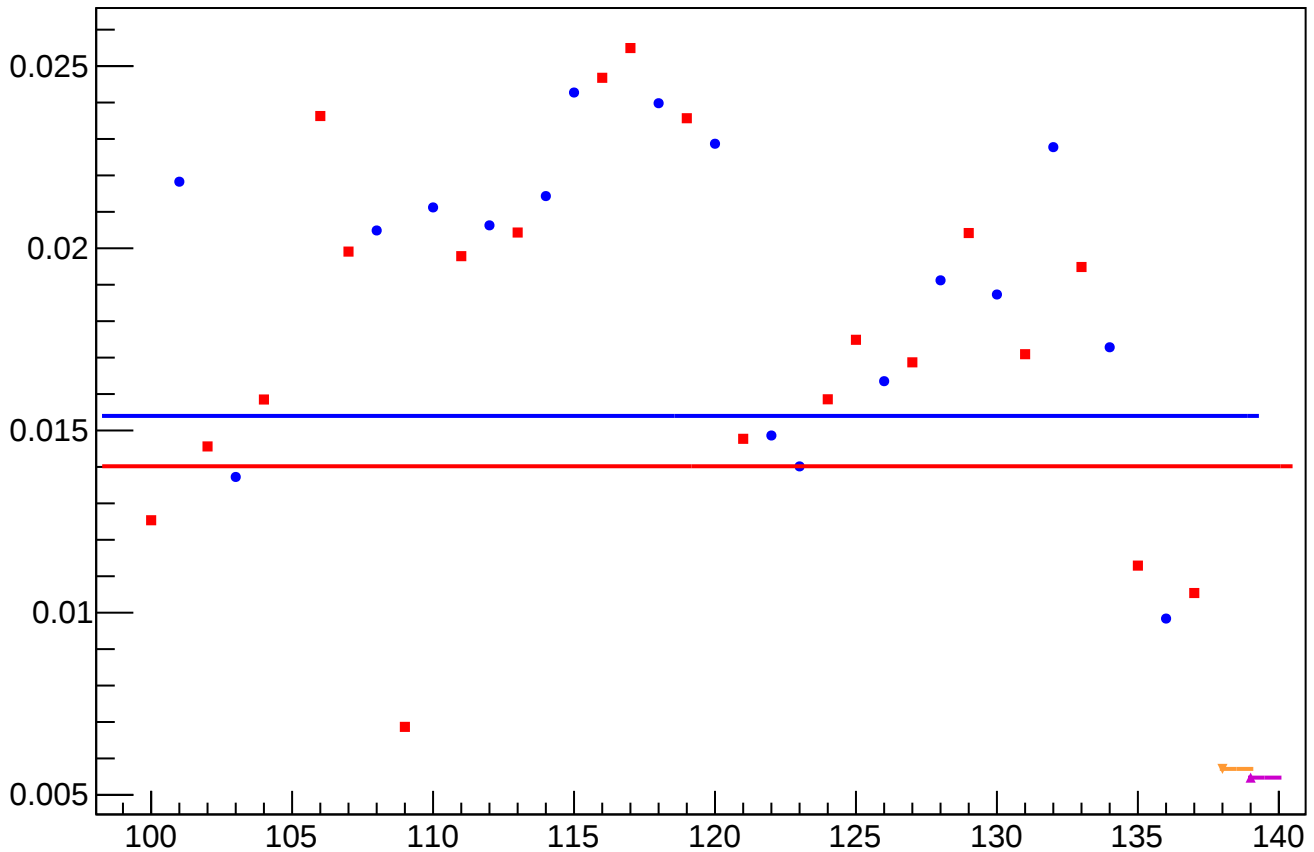
0.259 $\pm$ 0.000 χ^2 /NDF: 9226294066.8/17

Right Out: 0.152 $\pm$ 0.000 χ^2 /NDF: 12665480117.0/19

0.335 $\pm$ 0.000 χ^2 /NDF: 14842747285.4/20

Left In: 0.567 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bpm11Y_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF : 1141655.8/16

Left Out: 0.006+/-0.000 χ^2/NDF :0.0/0

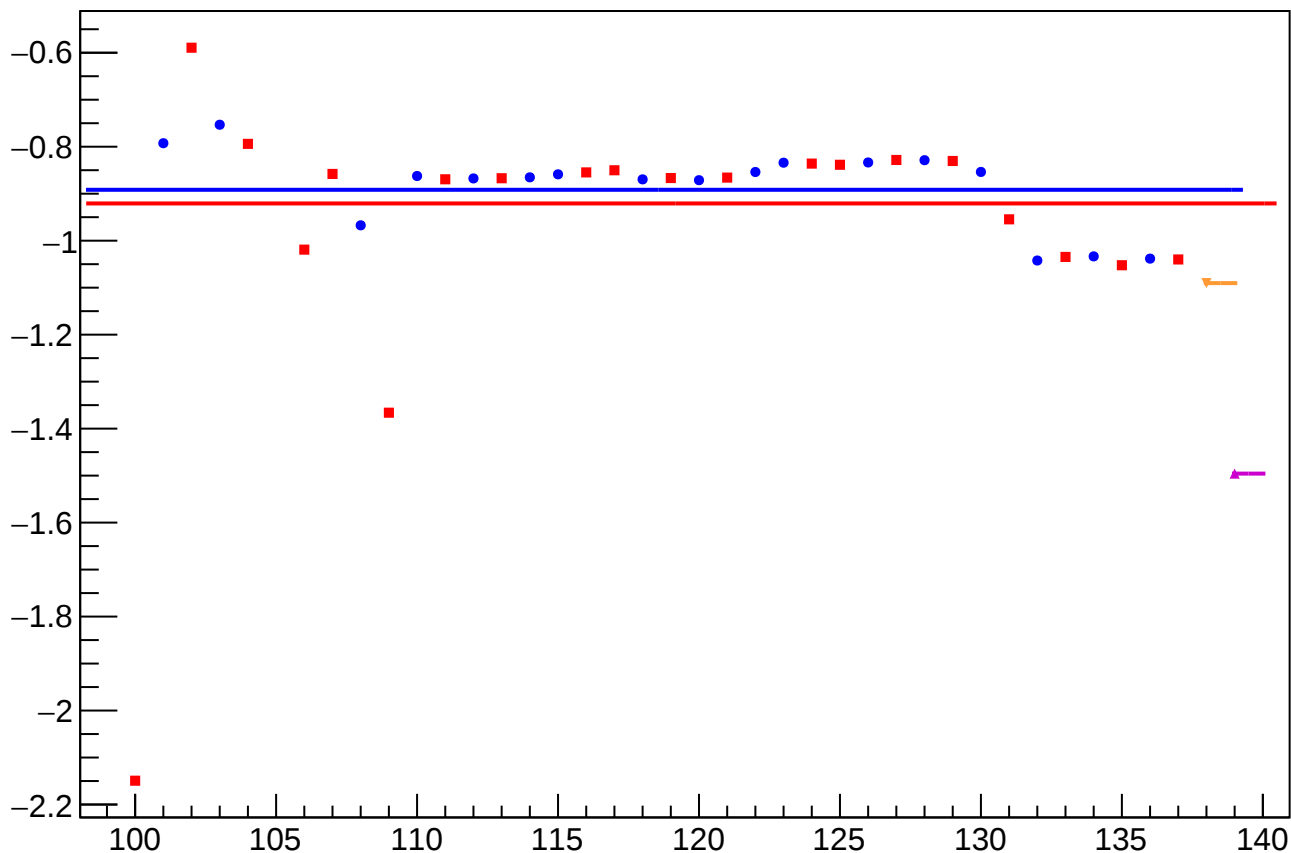
Right Out: 0.014+/-0.000 χ^2/NDF : 1576882.7/19

Left In: 0.005+/-0.000 χ^2/NDF :0.0/0

0.011+/-0.000 χ^2/NDF : 3045900.6/17

0.010+/-0.000 χ^2/NDF : 3419162.8/20

yield_bpm12X_mean vs Slug



Right In: -0.892+/-0.000 χ^2/NDF : 39793337.2/16

Left Out: -1.090+/-0.000 χ^2/NDF : 0.0/0

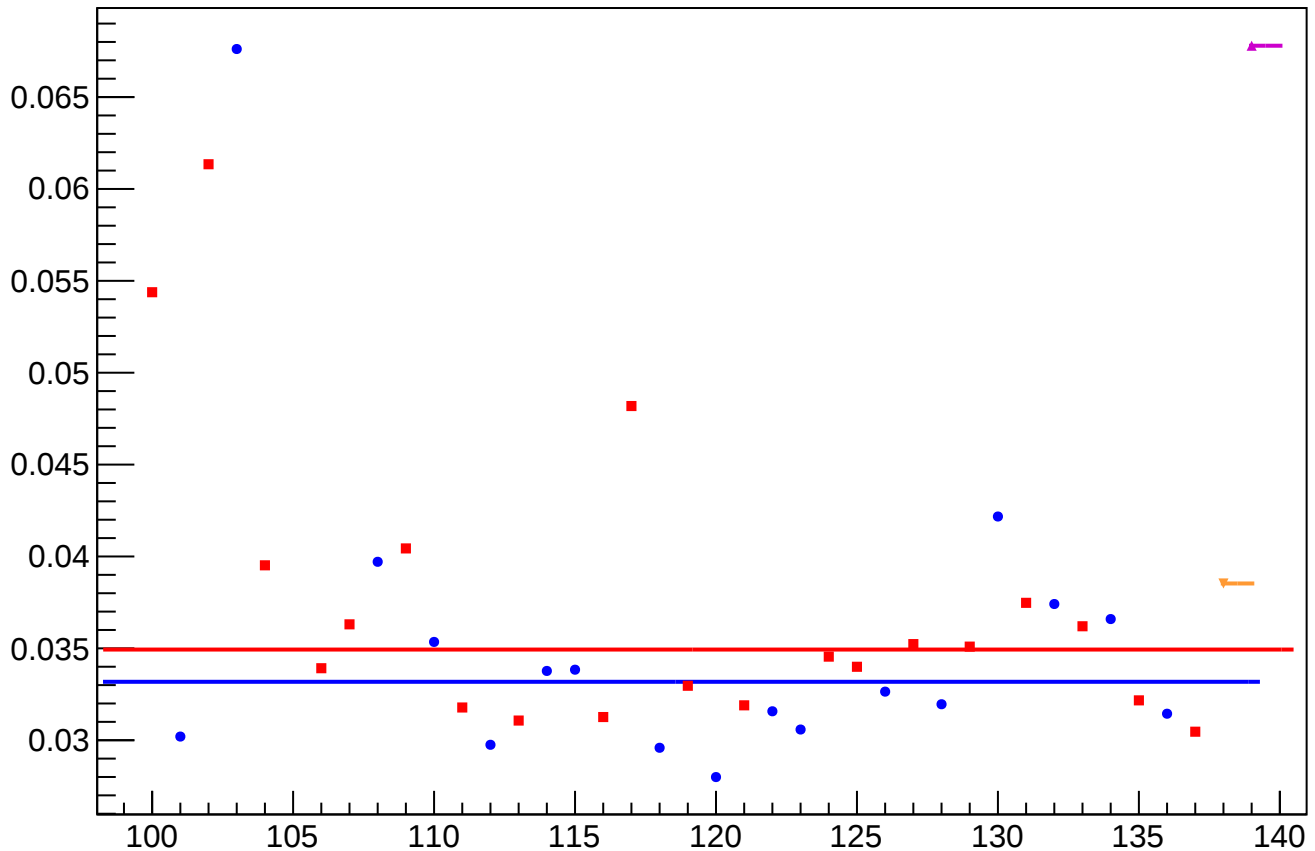
Right Out: -0.921+/-0.000 χ^2/NDF : 131248005.3/19

Left In: -1.496+/-0.000 χ^2/NDF : 0.0/0

-0.906+/-0.000 χ^2/NDF : 54499782.6/17

-0.938+/-0.000 χ^2/NDF : 180088481.4/20

yield_bpm12X_rms vs Slug



Right In: 0.033+/-0.000 χ^2/NDF : 400106.0/16

Left Out: 0.039+/-0.000 χ^2/NDF : 0.0/0

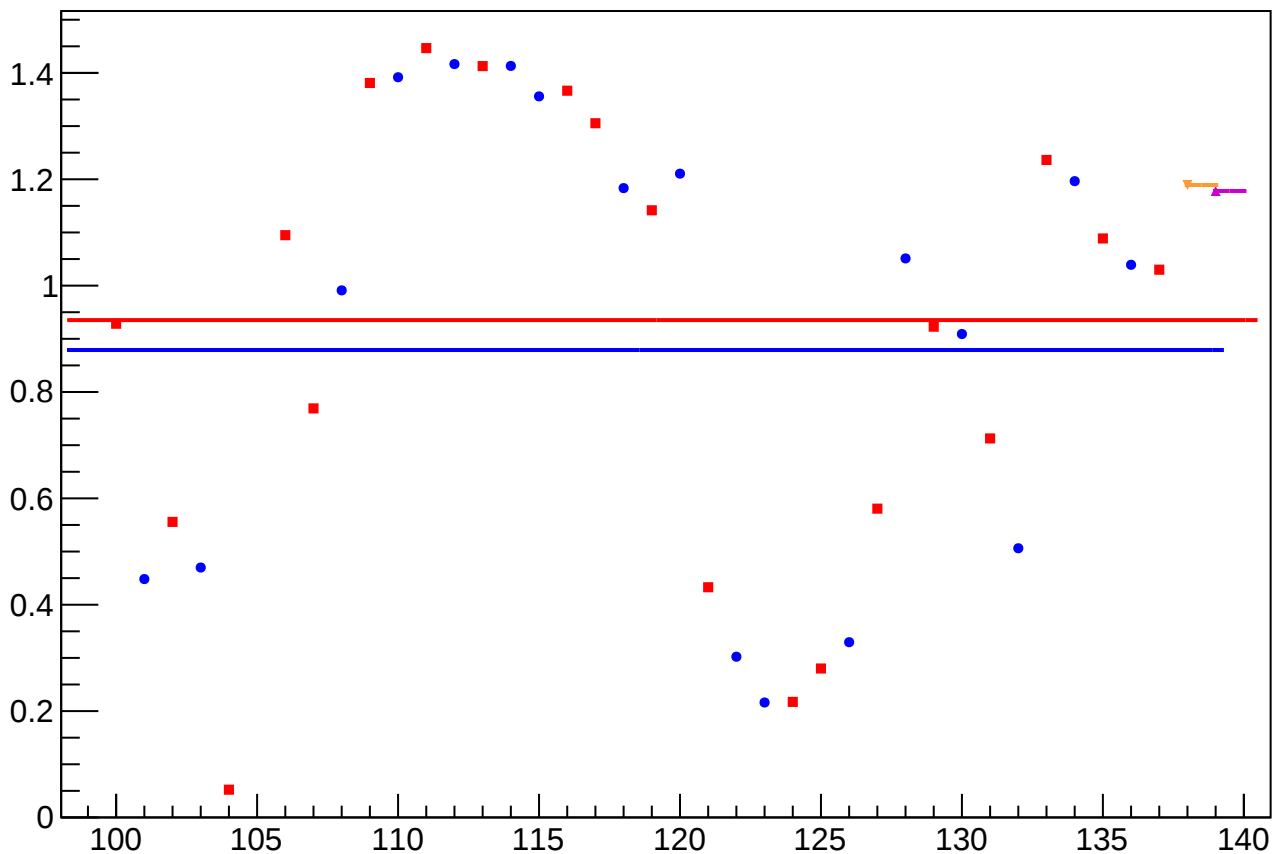
Right Out: 0.035+/-0.000 χ^2/NDF : 281256.5/19

Left In: 0.068+/-0.000 χ^2/NDF : 0.0/0

0.034+/-0.000 χ^2/NDF : 421447.4/17

0.036+/-0.000 χ^2/NDF : 600294.1/20

yield_bpm12Y_mean vs Slug



Right In: 0.879+/-0.000 χ^2/NDF : 6371602566.2/16

Left Out: 1.189+/-0.000 χ^2/NDF : 0.0/0

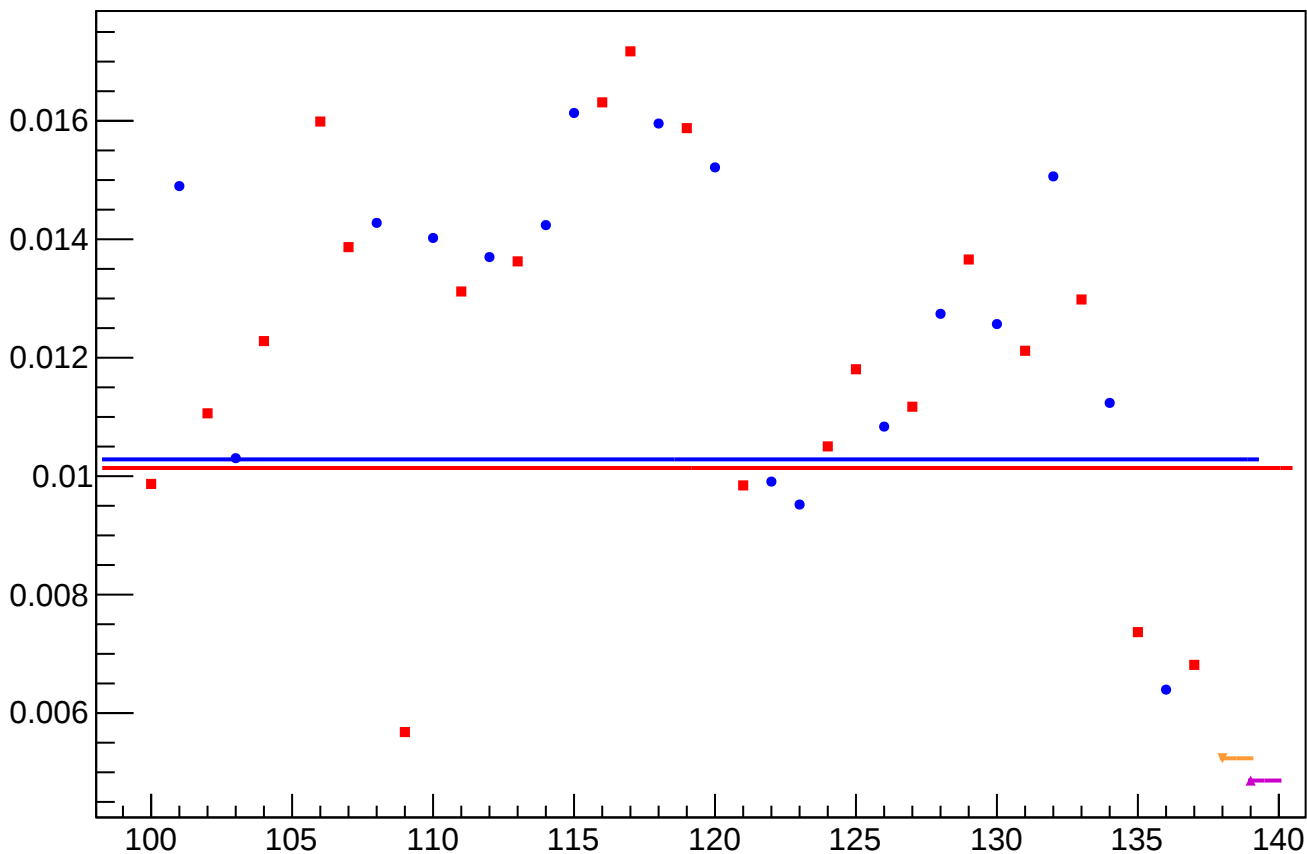
Right Out: 0.935+/-0.000 χ^2/NDF : 9844960466.1/19

Left In: 1.178+/-0.000 χ^2/NDF : 0.0/0

0.975+/-0.000 χ^2/NDF : 7932573866.1/17

1.017+/-0.000 χ^2/NDF : 10971397471.4/20

yield_bpm12Y_rms vs Slug



Right In: 0.010+/-0.000 χ^2/NDF : 1207460.1/16

Left Out: 0.005+/-0.000 χ^2/NDF : 0.0/0

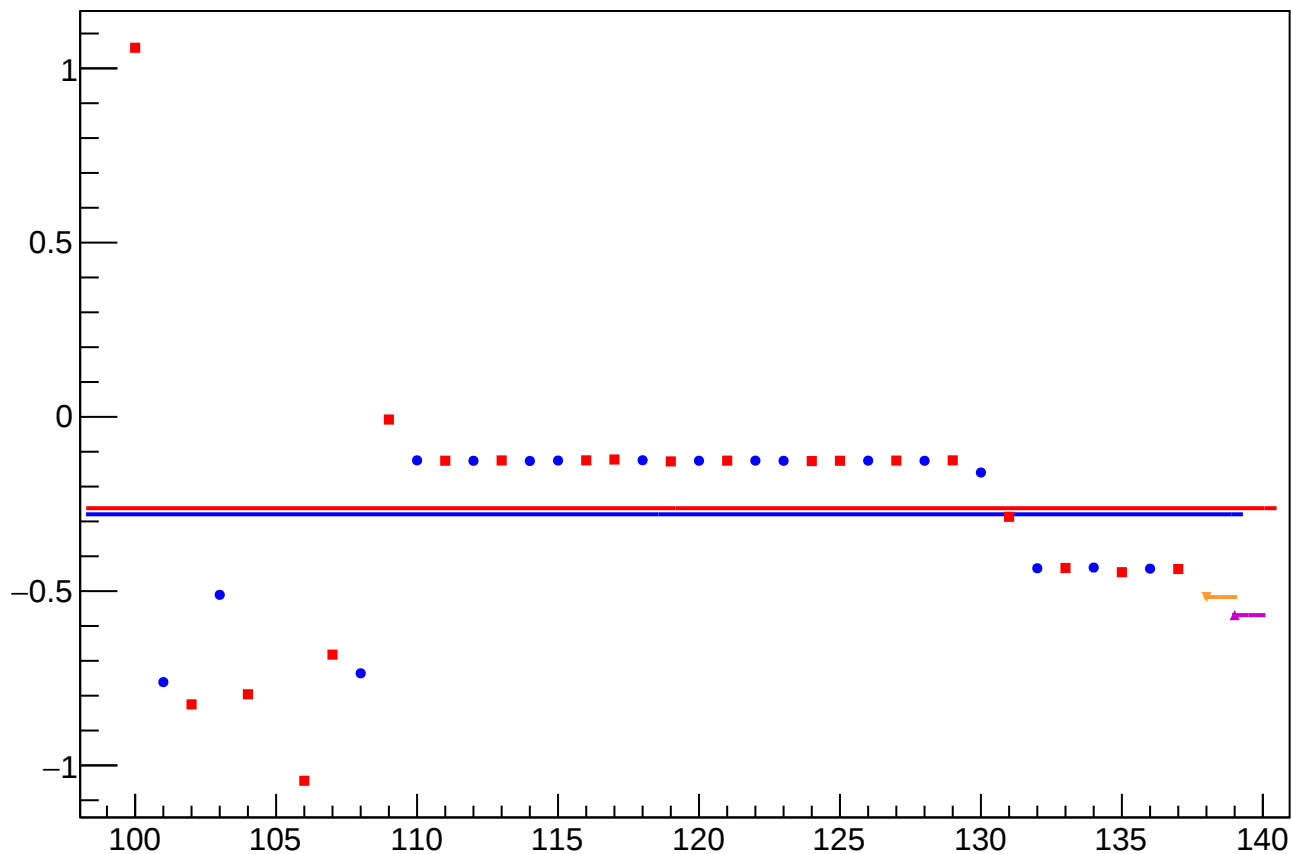
Right Out: 0.010+/-0.000 χ^2/NDF : 1189529.0/19

Left In: 0.005+/-0.000 χ^2/NDF : 0.0/0

0.009+/-0.000 χ^2/NDF : 2033643.0/17

0.008+/-0.000 χ^2/NDF : 2253928.7/20

yield_bpm16X_mean vs Slug



Right In: -0.280+/-0.000 χ^2/NDF : 929210245.5/16

Left Out: -0.517+/-0.000 χ^2/NDF : 0.0/0

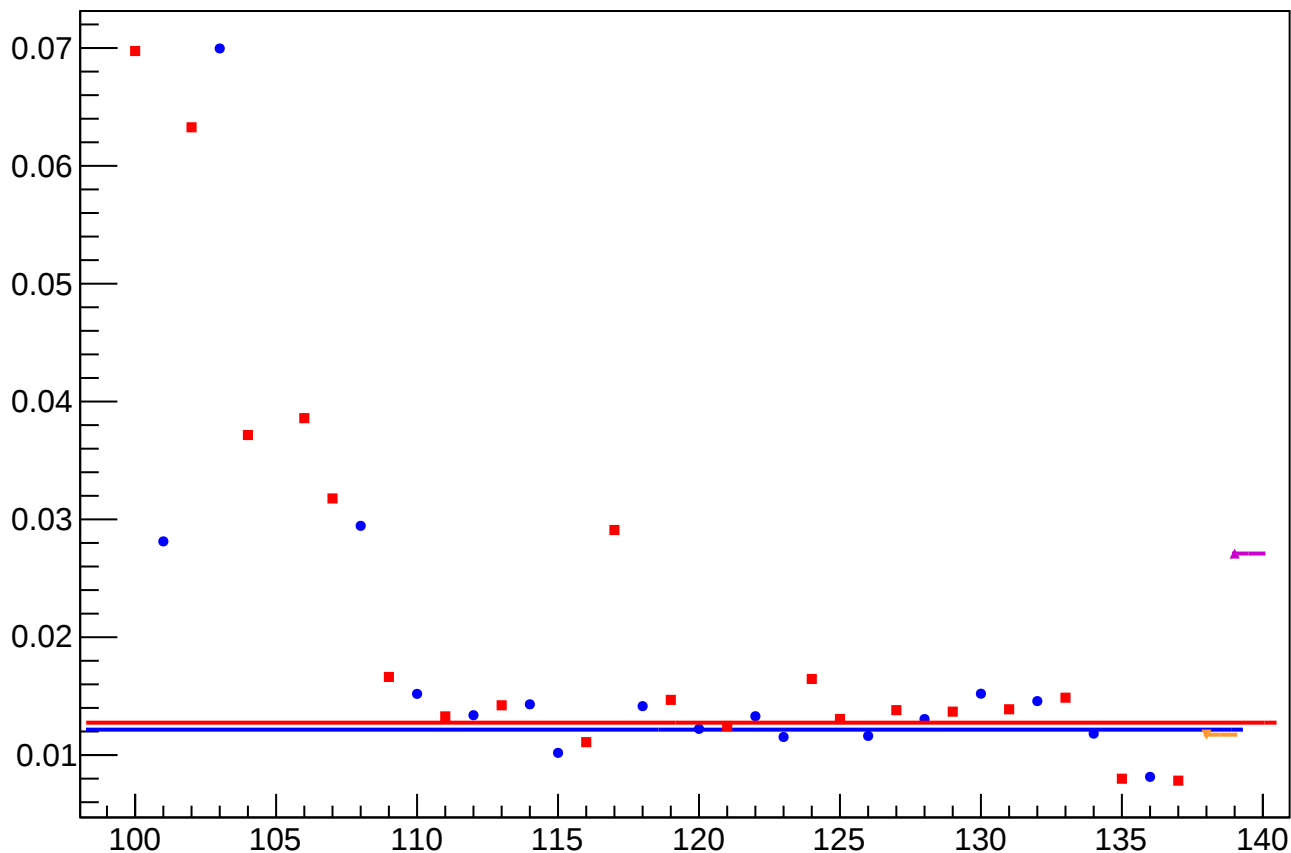
Right Out: -0.262+/-0.000 χ^2/NDF : 1007161741.8/19

Left In: -0.569+/-0.000 χ^2/NDF : 0.0/0

-0.304+/-0.000 χ^2/NDF : 1112148153.8/17

-0.272+/-0.000 χ^2/NDF : 1095222203.3/20

yield_bpm16X_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 1722777.4/16

Left Out: 0.012 $\pm$ 0.000 χ^2 /NDF:0.0/0

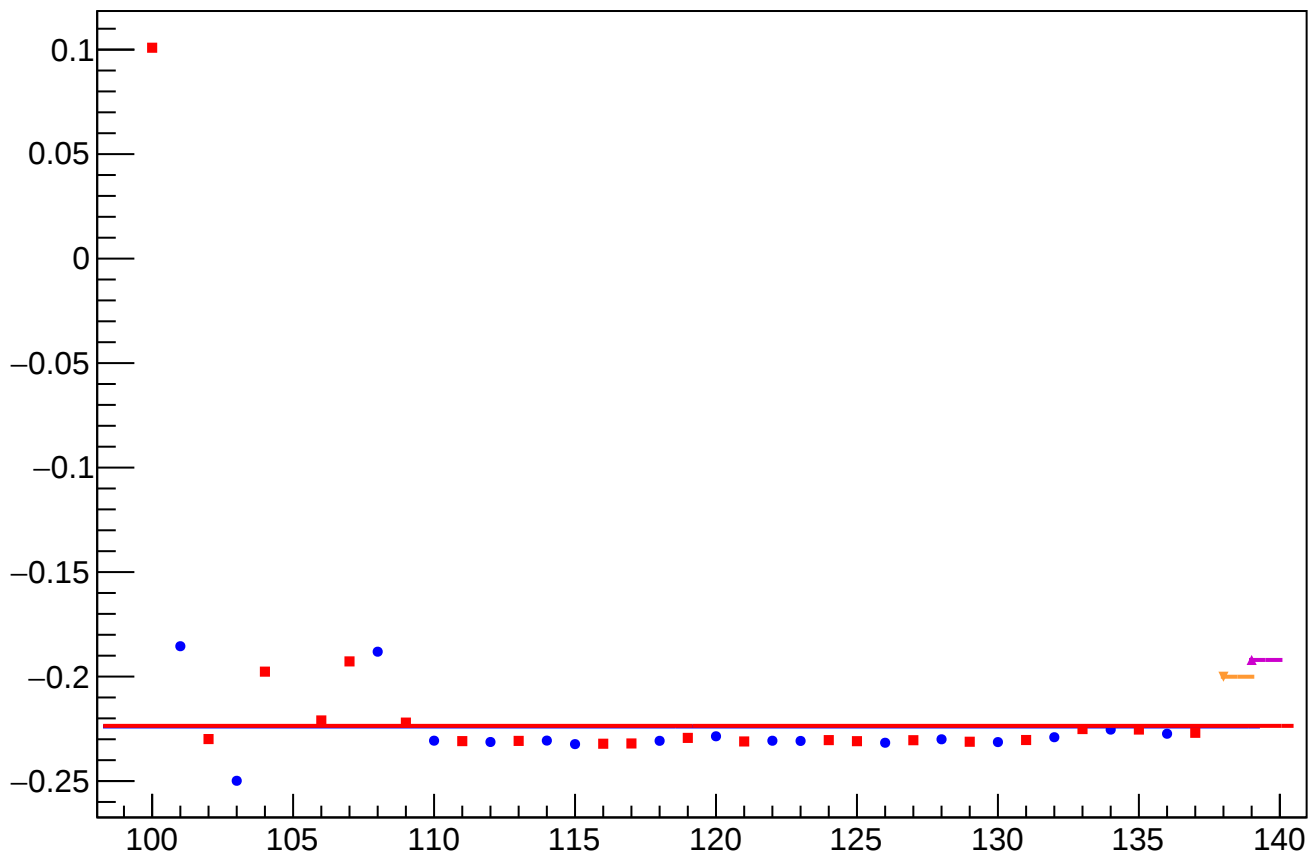
Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 1991972.4/19

Left In: 0.027 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.012 $\pm$ 0.000 χ^2 /NDF: 1723953.0/17

0.013 $\pm$ 0.000 χ^2 /NDF: 2377548.3/20

yield_bpm16Y_mean vs Slug



Right In: -0.224+/-0.000 χ^2/NDF : 74600073.9/16

Left Out: -0.200+/-0.000 χ^2/NDF : 0.0/0

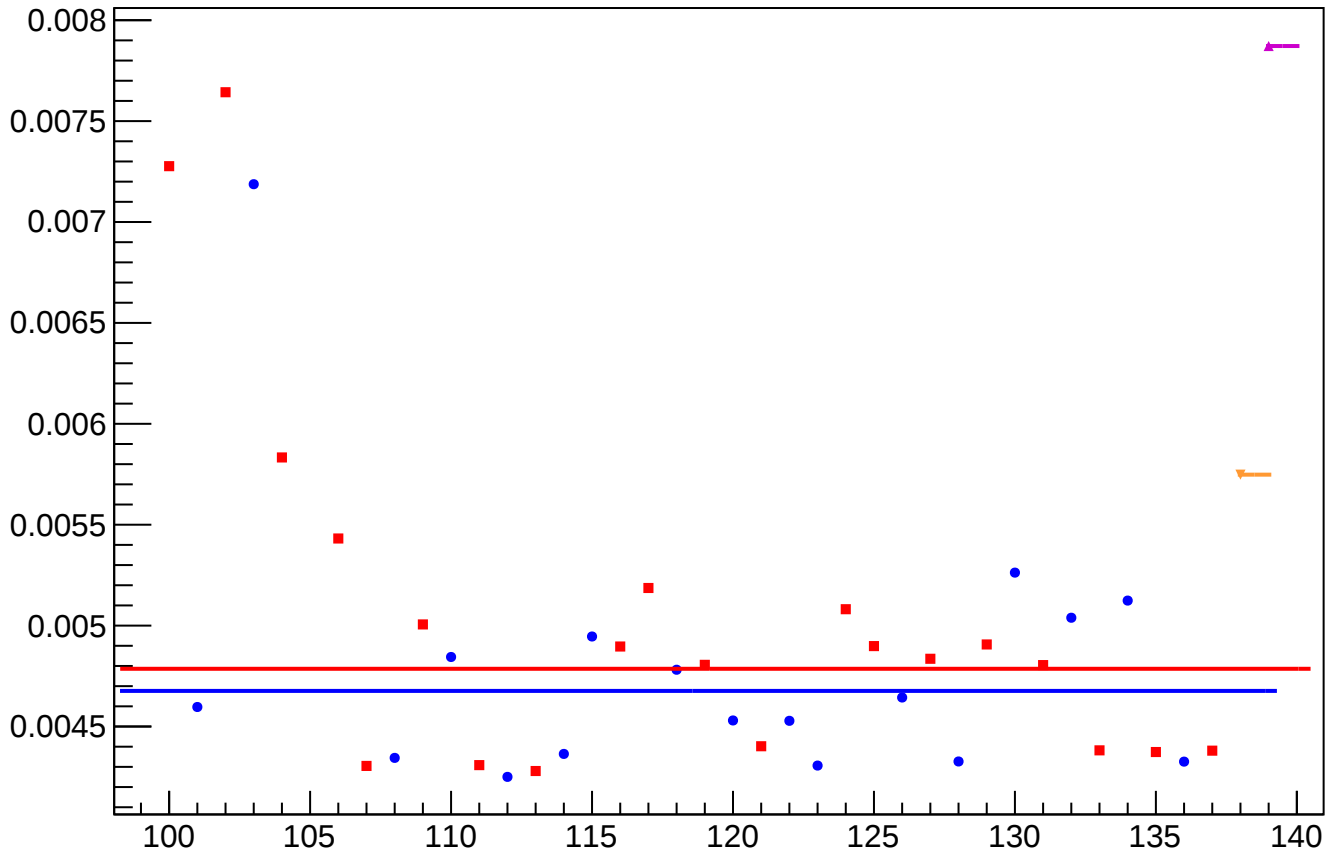
Right Out: -0.224+/-0.000 χ^2/NDF : 168229582.1/19

Left In: -0.192+/-0.000 χ^2/NDF : 0.0/0

-0.222+/-0.000 χ^2/NDF : 85290662.8/17

-0.222+/-0.000 χ^2/NDF : 178839853.8/20

yield_bpm16Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 180780.8/16

Left Out: 0.006+/-0.000 χ^2/NDF : 0.0/0

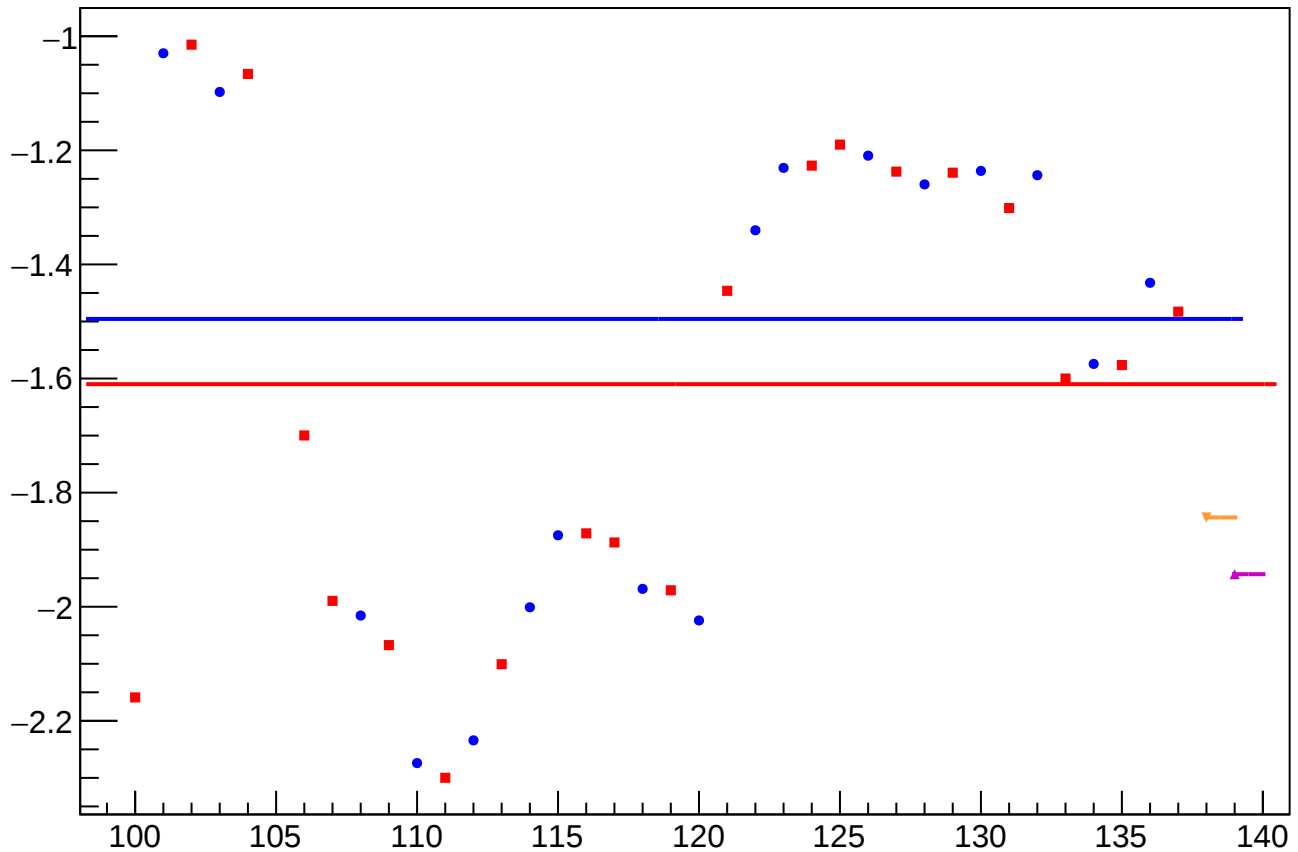
Right Out: 0.005+/-0.000 χ^2/NDF : 248745.3/19

Left In: 0.008+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 224103.5/17

0.005+/-0.000 χ^2/NDF : 451858.5/20

yield_bpm0l01X_mean vs Slug



Right In: -1.496+/-0.000 χ^2/NDF : 22506050663.3/16

Left Out: -1.843+/-0.000 χ^2/NDF : 0.0/0

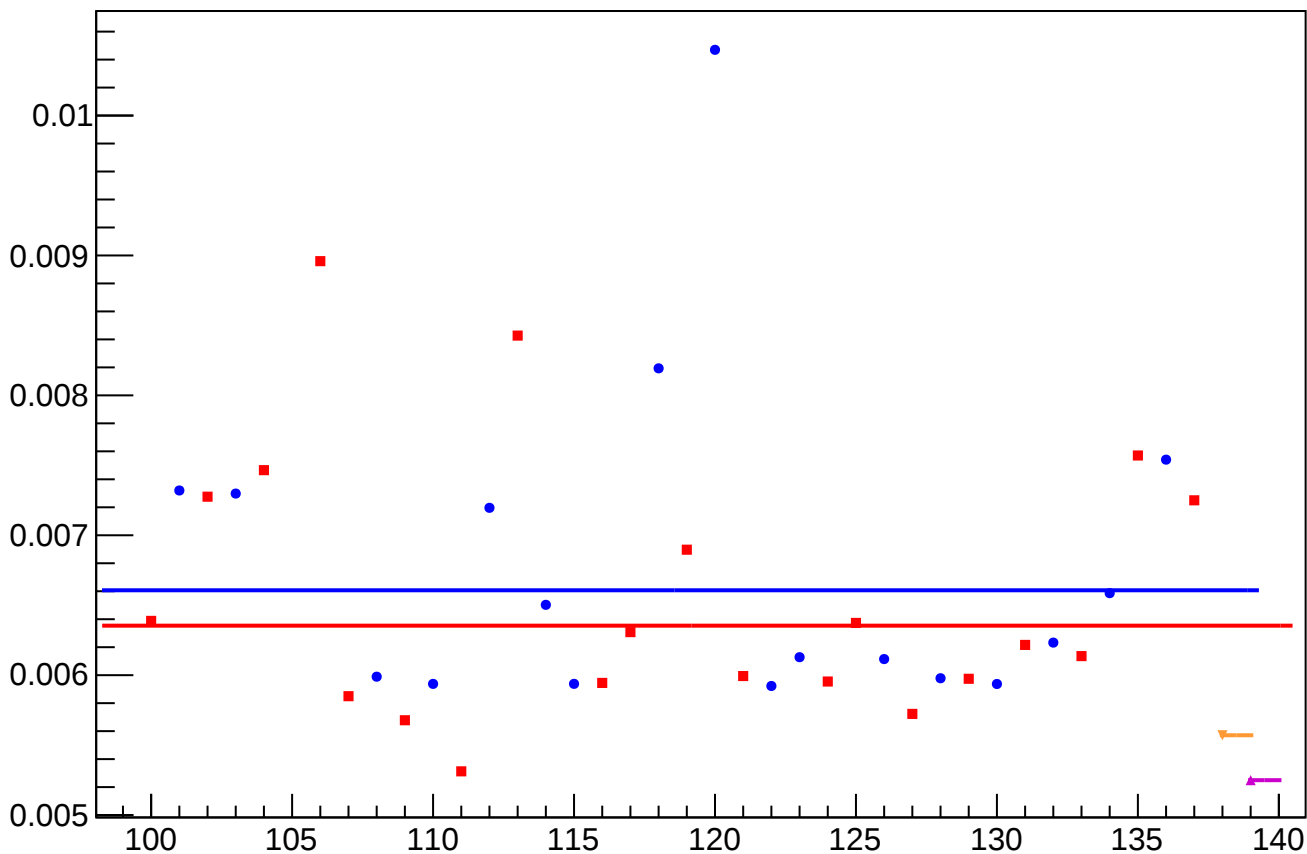
Right Out: -1.610+/-0.000 χ^2/NDF : 27936032778.6/19

Left In: -1.943+/-0.000 χ^2/NDF : 0.0/0

-1.545+/-0.000 χ^2/NDF : 24901611598.8/17

-1.655+/-0.000 χ^2/NDF : 30399632561.8/20

yield_bpm0l01X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 201323.2/16

Left Out: 0.006+/-0.000 χ^2/NDF : 0.0/0

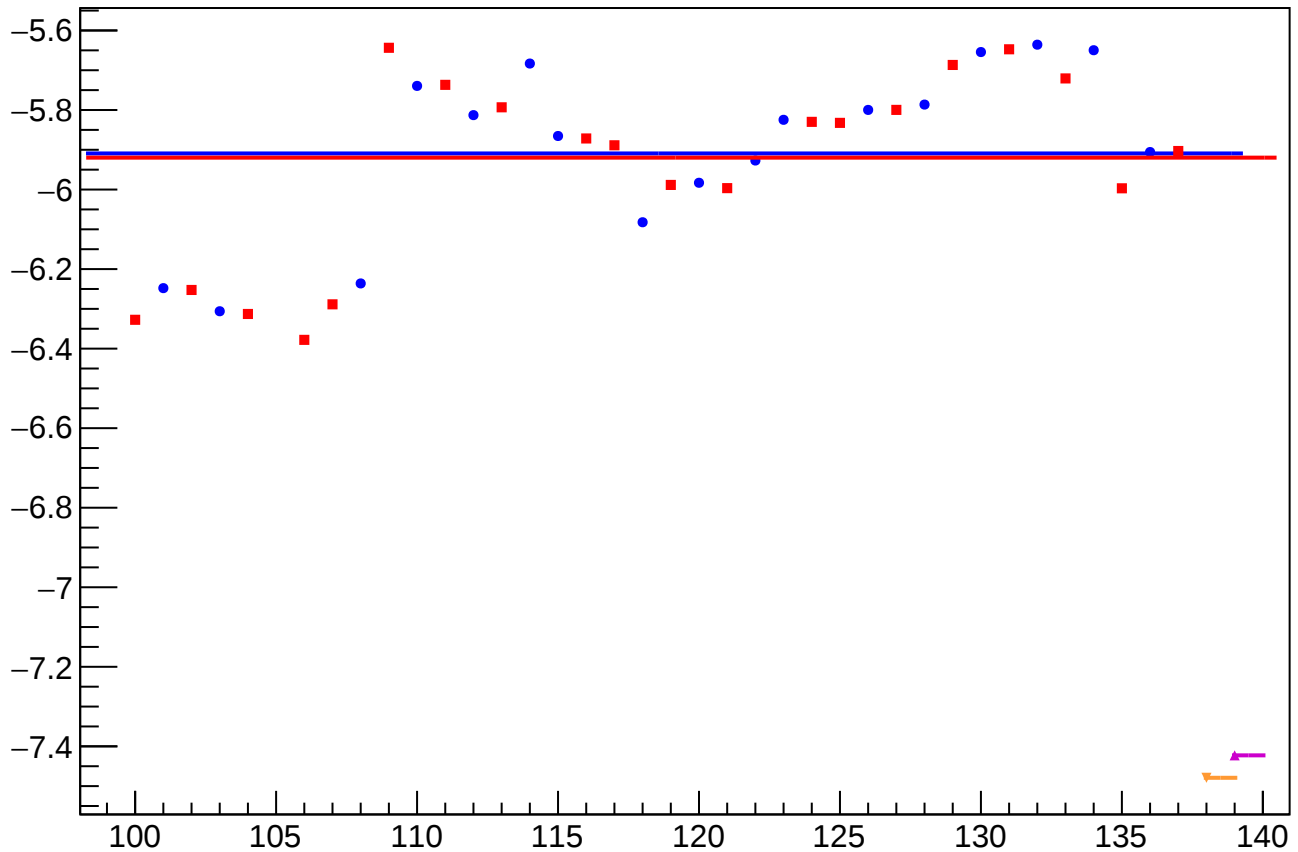
Right Out: 0.006+/-0.000 χ^2/NDF : 227292.5/19

Left In: 0.005+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 243807.6/17

0.006+/-0.000 χ^2/NDF : 281471.2/20

yield_bpm0l01Y_mean vs Slug



Right In: -5.909+/-0.000 χ^2/NDF : 11125163629.1/16

Left Out: -7.479+/-0.000 χ^2/NDF : 0.0/0

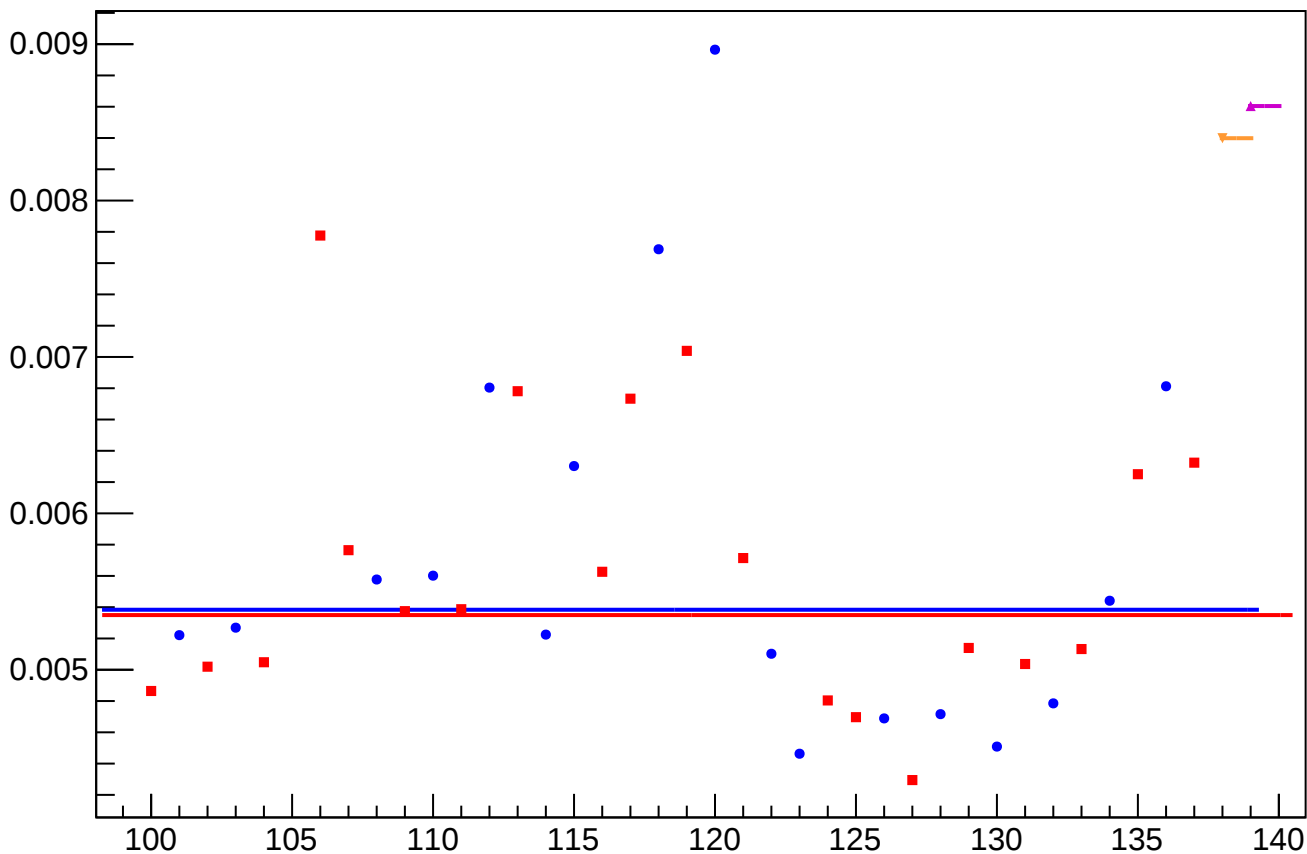
Right Out: -5.920+/-0.000 χ^2/NDF : 12786104538.4/19

Left In: -7.423+/-0.000 χ^2/NDF : 0.0/0

-5.970+/-0.000 χ^2/NDF : 30517282283.2/17

-5.972+/-0.000 χ^2/NDF : 30370345104.9/20

yield_bpm0l01Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 347627.8/16

Left Out: 0.008+/-0.000 χ^2/NDF : 0.0/0

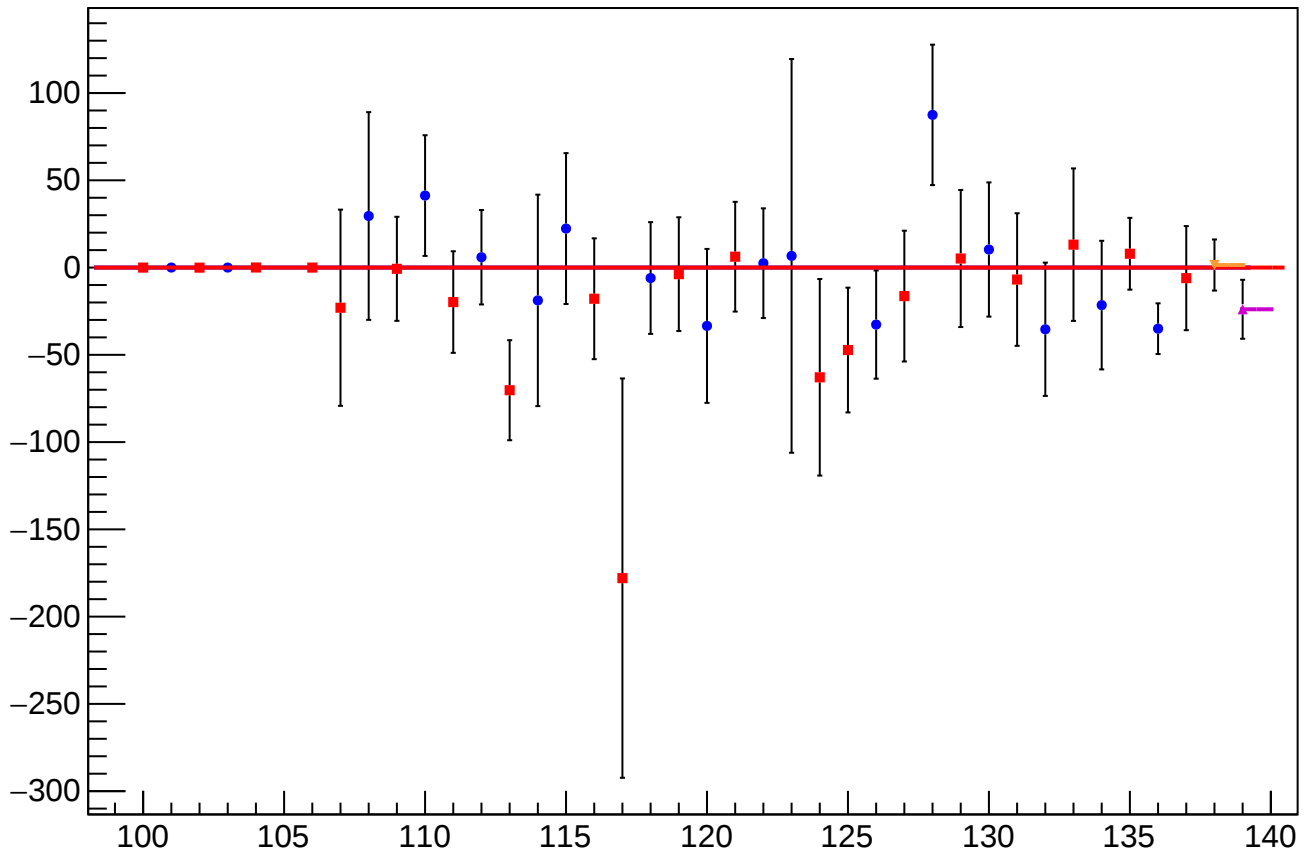
Right Out: 0.005+/-0.000 χ^2/NDF : 247999.6/19

Left In: 0.009+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 490687.3/17

0.005+/-0.000 χ^2/NDF : 412946.1/20

diff_cav4bX_mean vs Slug



Right In: 0.013+/-0.017 χ^2/NDF : 15.8/16

Left Out: 1.457+/-14.647 χ^2/NDF : 0.0/0

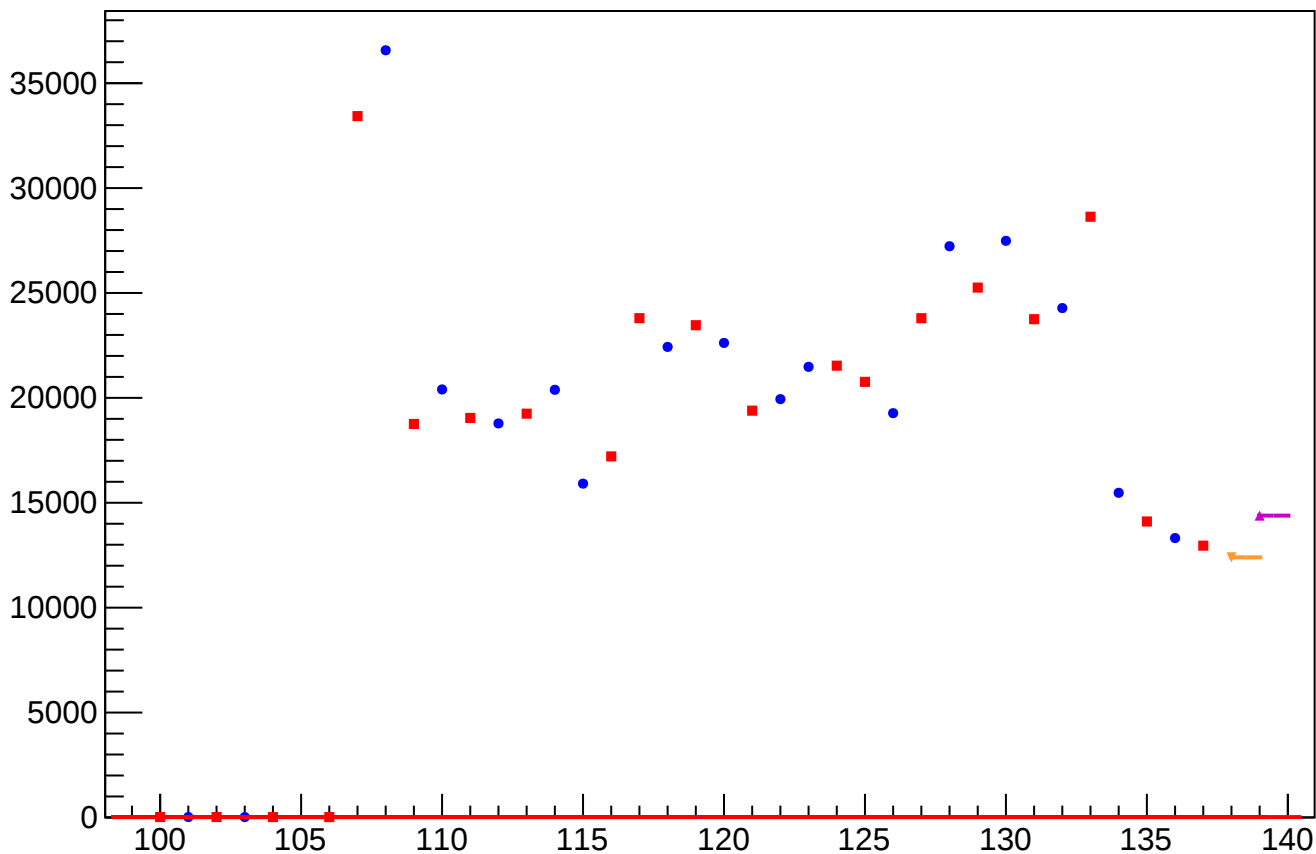
Right Out: 0.003+/-0.016 χ^2/NDF : 17.7/19

Left In: -23.899+/-16.895 χ^2/NDF : 0.0/0

0.013+/-0.017 χ^2/NDF : 15.8/17

0.003+/-0.016 χ^2/NDF : 19.7/20

diff_cav4bX_rms vs Slug



Right In: 18.641+/-0.012 χ^2/NDF : 10841561.4/16

Left Out: 12398.615+/-10.357 χ^2/NDF : 0.0/0

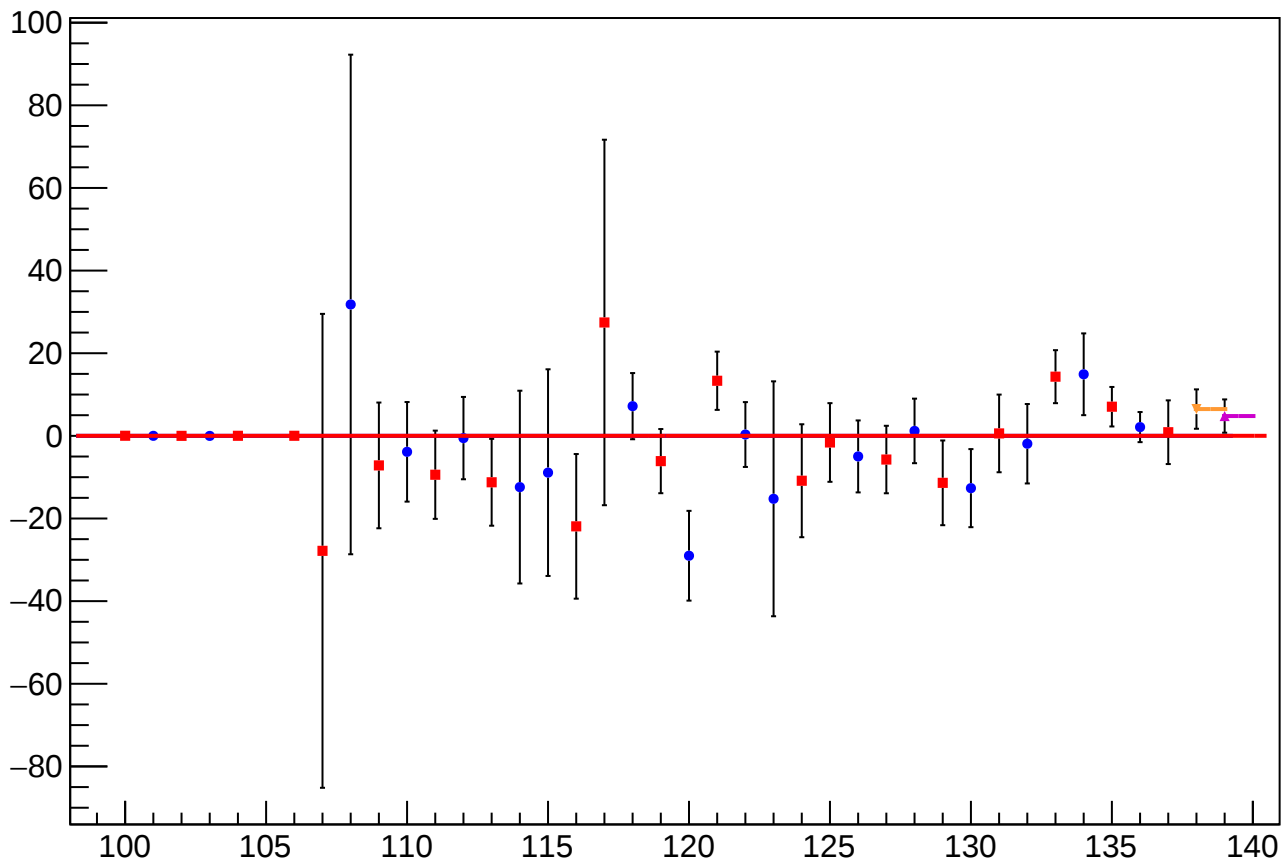
Right Out: 18.312+/-0.011 χ^2/NDF : 11189737.0/19

Left In: 14387.726+/-11.946 χ^2/NDF : 0.0/0

18.658+/-0.012 χ^2/NDF : 12270412.7/17

18.325+/-0.011 χ^2/NDF : 12636512.4/20

diff_cav4bY_mean vs Slug



Right In: 0.001 $\pm$ 0.009 χ^2 /NDF: 14.9/16

Left Out: 6.486 $\pm$ 4.767 χ^2 /NDF:0.0/0

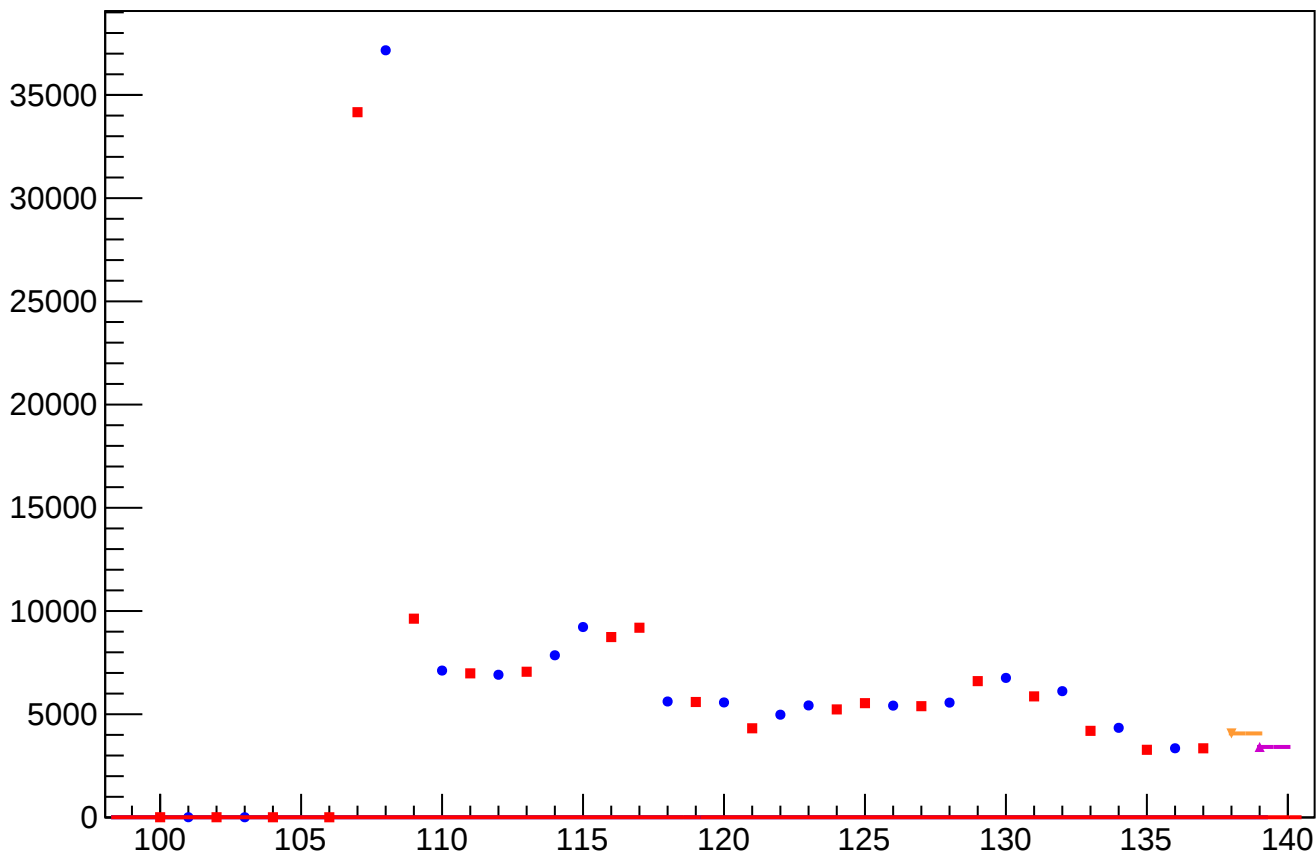
Right Out: 0.014 $\pm$ 0.009 χ^2 /NDF: 18.8/19

Left In: 4.797 $\pm$ 4.026 χ^2 /NDF:0.0/0

0.001 $\pm$ 0.009 χ^2 /NDF: 16.7/17

0.014 $\pm$ 0.009 χ^2 /NDF: 20.2/20

diff_cav4bY_rms vs Slug



Right In: 9.938+/-0.007 χ^2/NDF : 10973577.1/16

Left Out: 4070.118+/-3.371 χ^2/NDF : 0.0/0

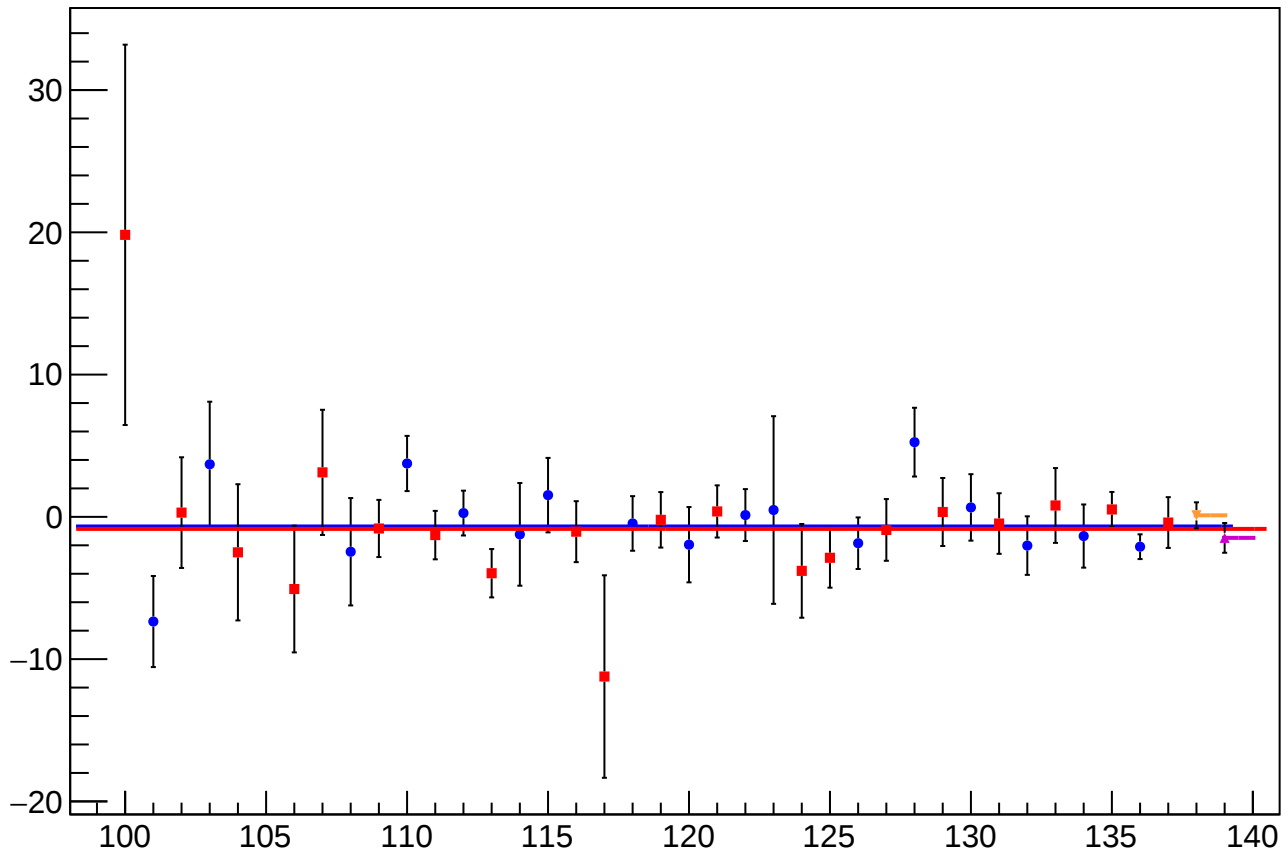
Right Out: 9.855+/-0.006 χ^2/NDF : 11238836.3/19

Left In: 3415.160+/-2.847 χ^2/NDF : 0.0/0

9.953+/-0.007 χ^2/NDF : 12424583.9/17

9.870+/-0.006 χ^2/NDF : 12669505.8/20

diff_cav4cX_mean vs Slug



Right In: -0.677 ± 0.484 χ^2/NDF : 22.3/16

Left Out: 0.108 ± 0.913 χ^2/NDF : 0.0/0

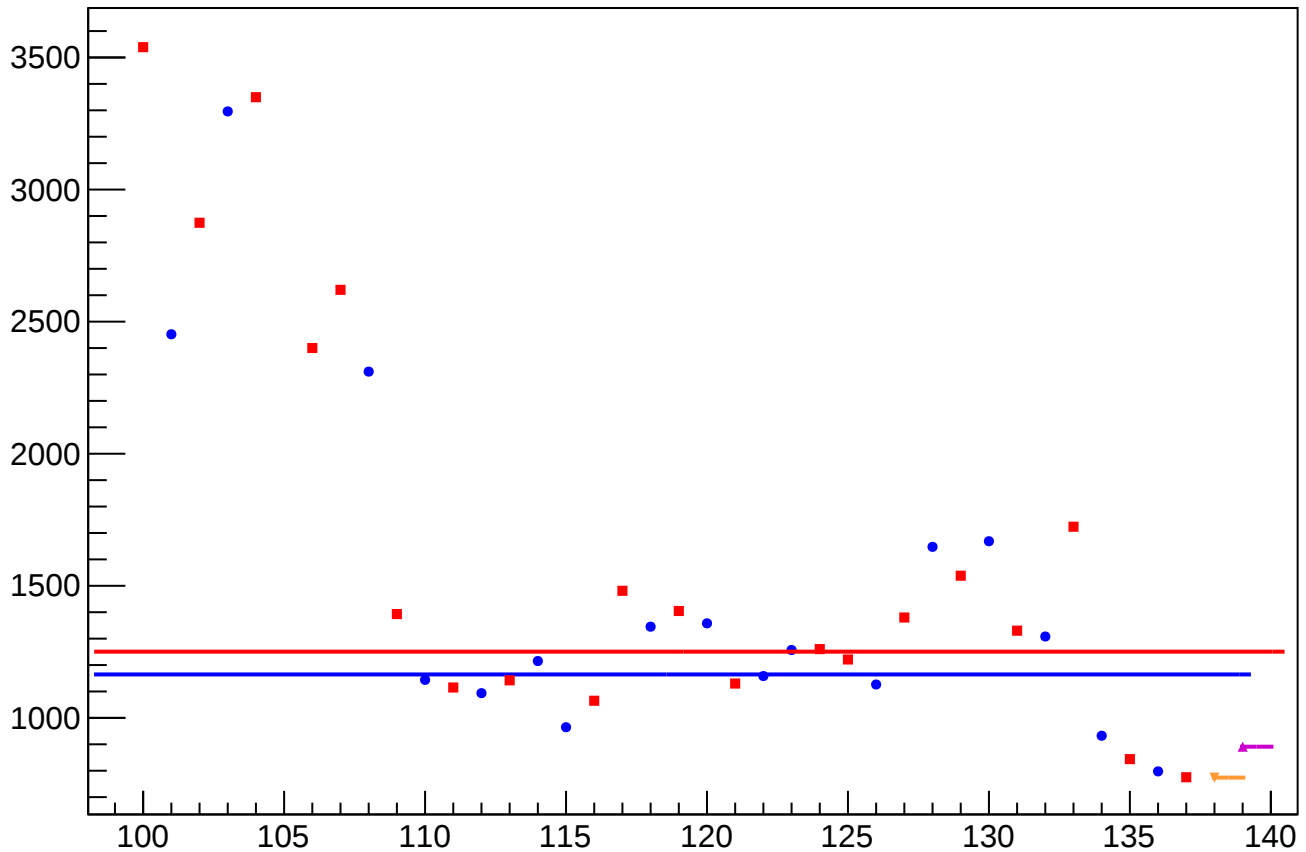
Right Out: -0.846 ± 0.500 χ^2/NDF : 14.1/19

Left In: -1.476 ± 1.046 χ^2/NDF : 0.0/0

-0.504 ± 0.428 χ^2/NDF : 22.9/17

-0.963 ± 0.451 χ^2/NDF : 14.4/20

diff_cav4cX_rms vs Slug



Right In: 1164.459 $\pm$ 0.342 χ^2 /NDF: 1584212.9/16

Left Out: 773.848 $\pm$ 0.646 χ^2 /NDF: 0.0/0

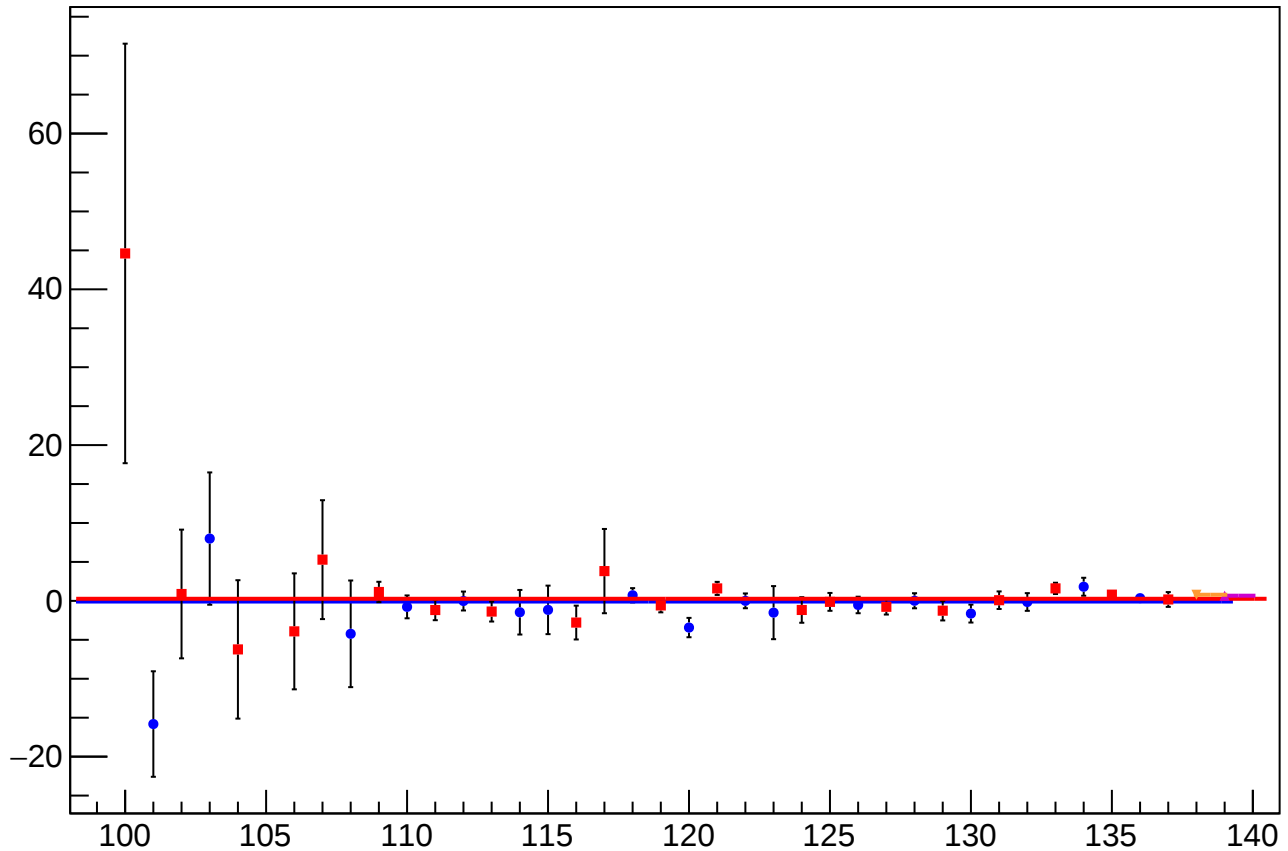
1078.759 $\pm$ 0.302 χ^2 /NDF: 1869850.4/17

Right Out: 1250.738 $\pm$ 0.354 χ^2 /NDF: 1652238.9/19

1183.824 $\pm$ 0.319 χ^2 /NDF: 1844806.5/20

Left In: 890.937 $\pm$ 0.740 χ^2 /NDF: 0.0/0

diff_cav4cY_mean vs Slug



Right In: -0.086 ± 0.270 χ^2/NDF : 21.1/16

Left Out: 0.785 ± 0.585 χ^2/NDF : 0.0/0

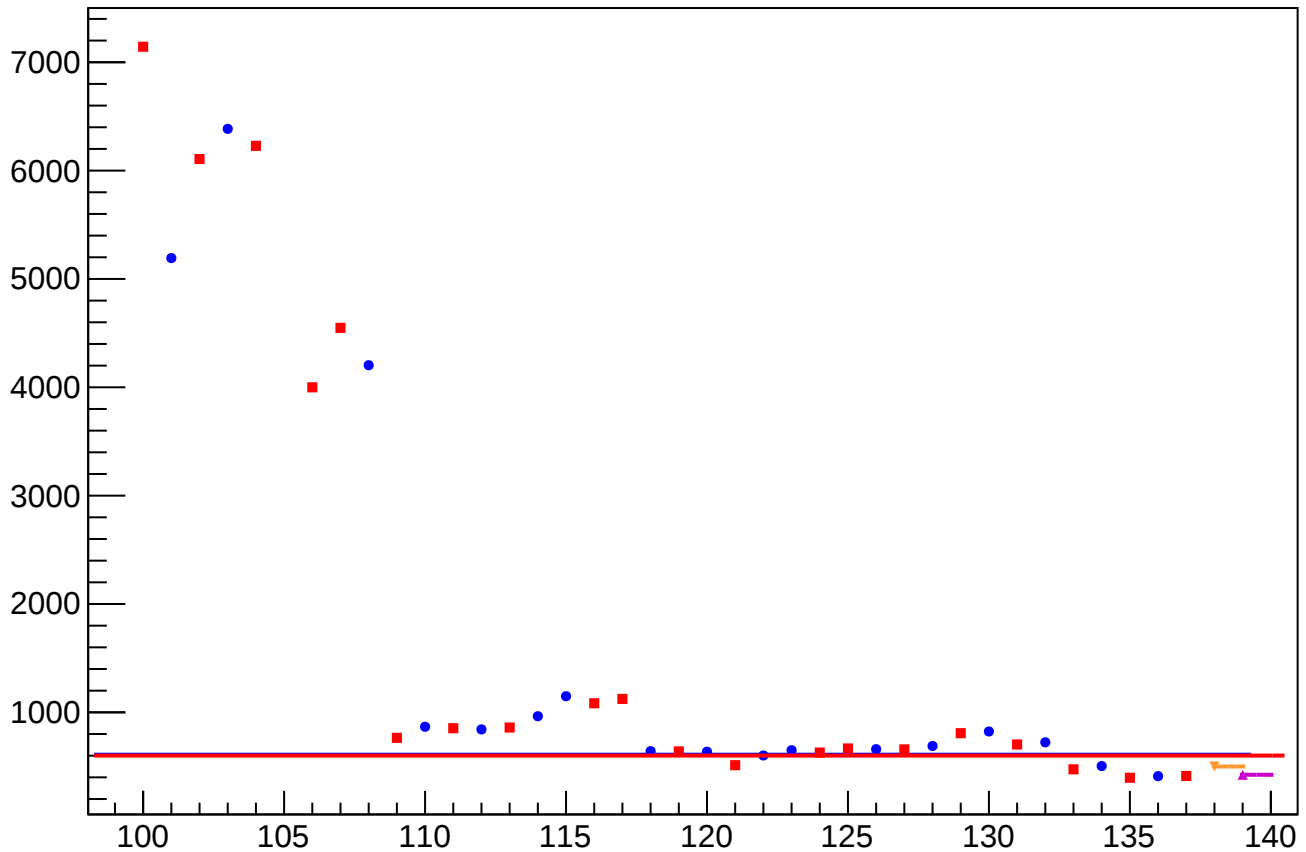
Right Out: 0.268 ± 0.264 χ^2/NDF : 20.9/19

Left In: 0.664 ± 0.500 χ^2/NDF : 0.0/0

0.067 ± 0.245 χ^2/NDF : 22.9/17

0.354 ± 0.233 χ^2/NDF : 21.4/20

diff_cav4cY_rms vs Slug



Right In: 609.016 ± 0.191 χ^2/NDF : 3139231.5/16

Left Out: 500.395 ± 0.414 χ^2/NDF : 0.0/0

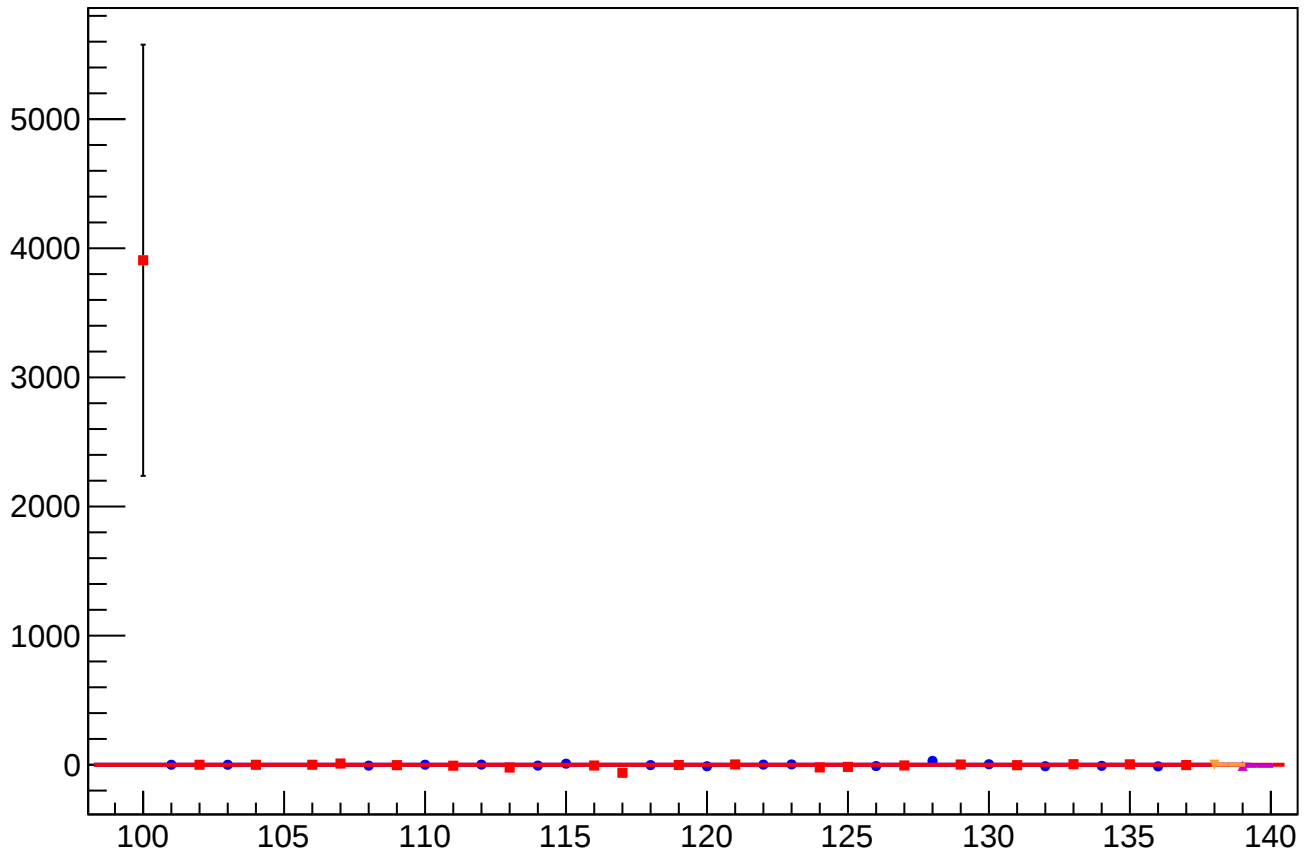
589.918 ± 0.173 χ^2/NDF : 3196077.1/17

Right Out: 601.159 ± 0.187 χ^2/NDF : 3566339.5/19

562.511 ± 0.165 χ^2/NDF : 3762968.4/20

Left In: 423.835 ± 0.354 χ^2/NDF : 0.0/0

diff_cav4dX_mean vs Slug



Right In: -0.022 ± 0.021 χ^2/NDF : 15.3/16

Left Out: 0.679 ± 5.250 χ^2/NDF : 0.0/0

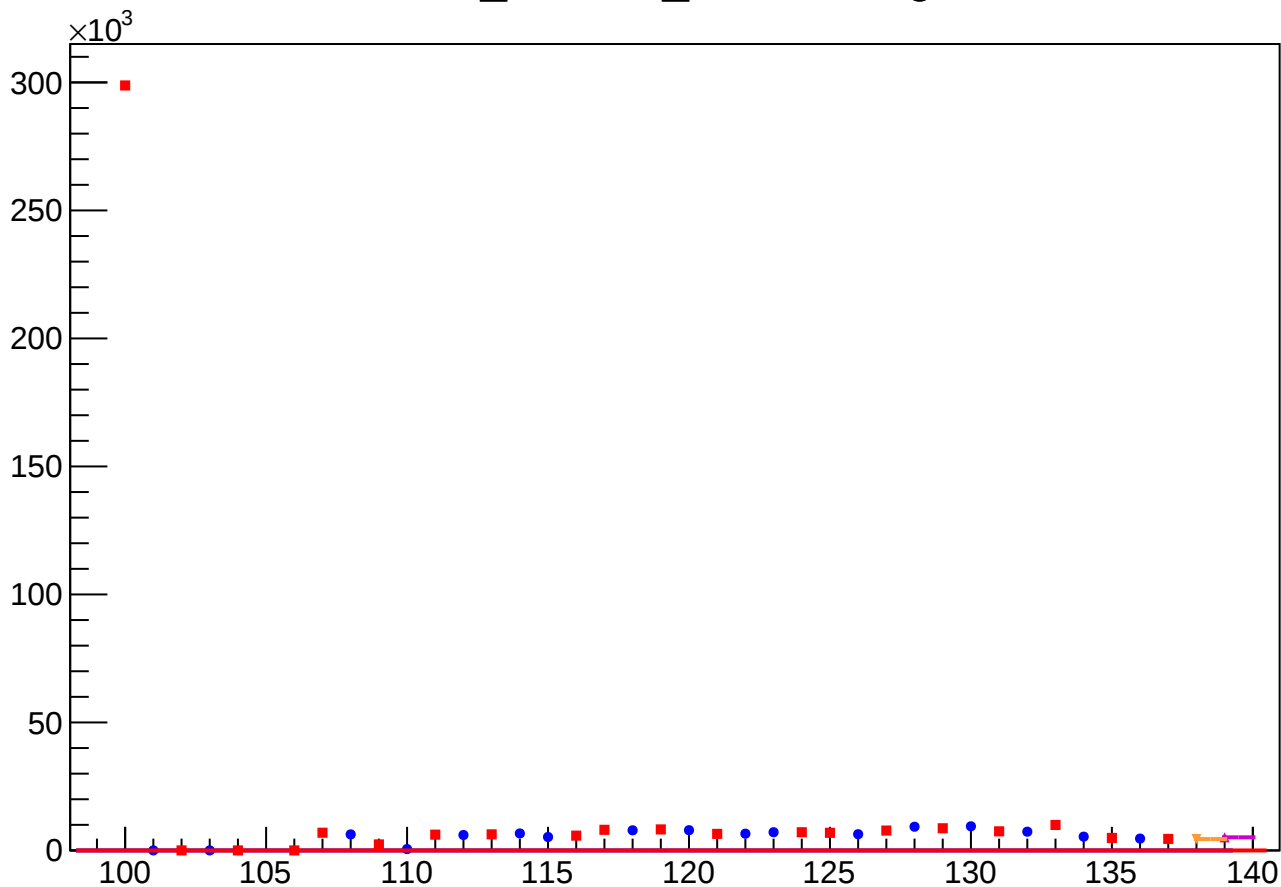
Right Out: -0.027 ± 0.020 χ^2/NDF : 19.8/19

Left In: -8.493 ± 6.023 χ^2/NDF : 0.0/0

-0.022 ± 0.021 χ^2/NDF : 15.3/17

-0.027 ± 0.020 χ^2/NDF : 21.8/20

diff_cav4dX_rms vs Slug



Right In: 17.337 $\pm$ 0.015 χ^2/NDF : 10359409.4/16

Left Out: 4448.545 $\pm$ 3.713 χ^2/NDF : 0.0/0

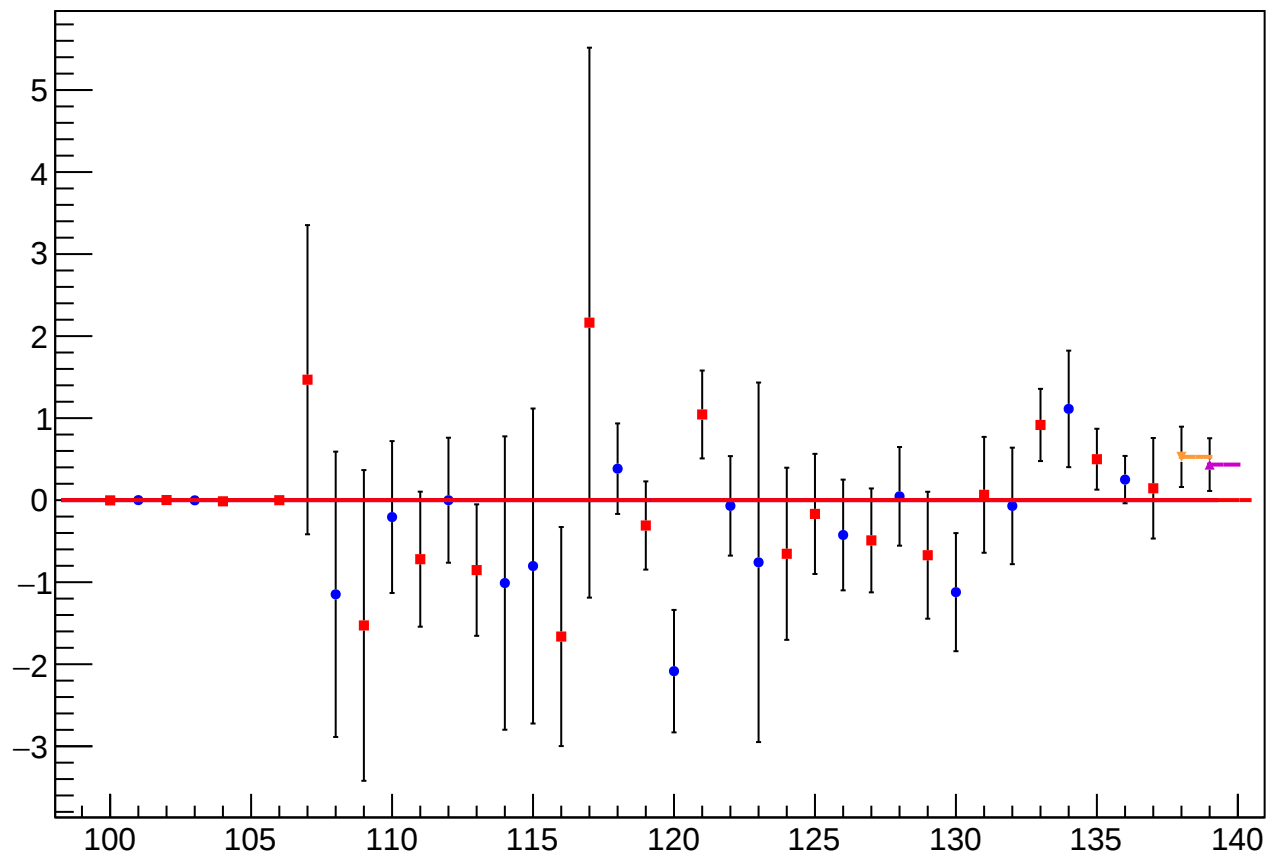
Right Out: 17.270 $\pm$ 0.014 χ^2/NDF : 10899577.1/19

Left In: 5129.407 $\pm$ 4.259 χ^2/NDF : 0.0/0

17.406 $\pm$ 0.015 χ^2/NDF : 11783964.3/17

17.325 $\pm$ 0.014 χ^2/NDF : 12340449.2/20

diff_cav4dY_mean vs Slug



Right In: 0.000 $\pm$ 0.002 χ^2 /NDF: 15.6/16

Left Out: 0.528 $\pm$ 0.368 χ^2 /NDF:0.0/0

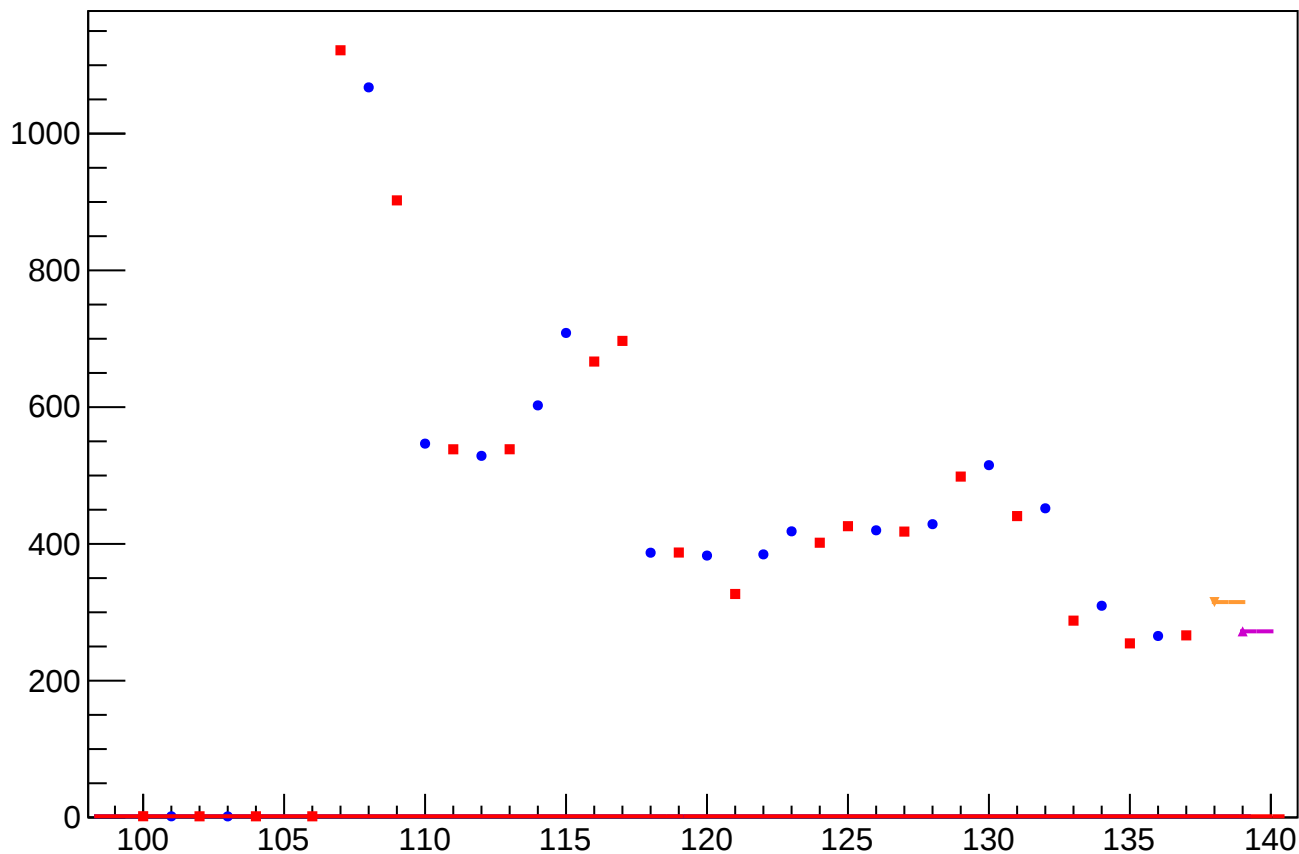
Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 18.2/19

Left In: 0.434 $\pm$ 0.321 χ^2 /NDF:0.0/0

0.000 $\pm$ 0.002 χ^2 /NDF: 17.7/17

0.001 $\pm$ 0.002 χ^2 /NDF: 20.0/20

diff_cav4dY_rms vs Slug



Right In: 1.698+/-0.001 χ^2/NDF : 10911617.0/16

Left Out: 314.952+/-0.260 χ^2/NDF : 0.0/0

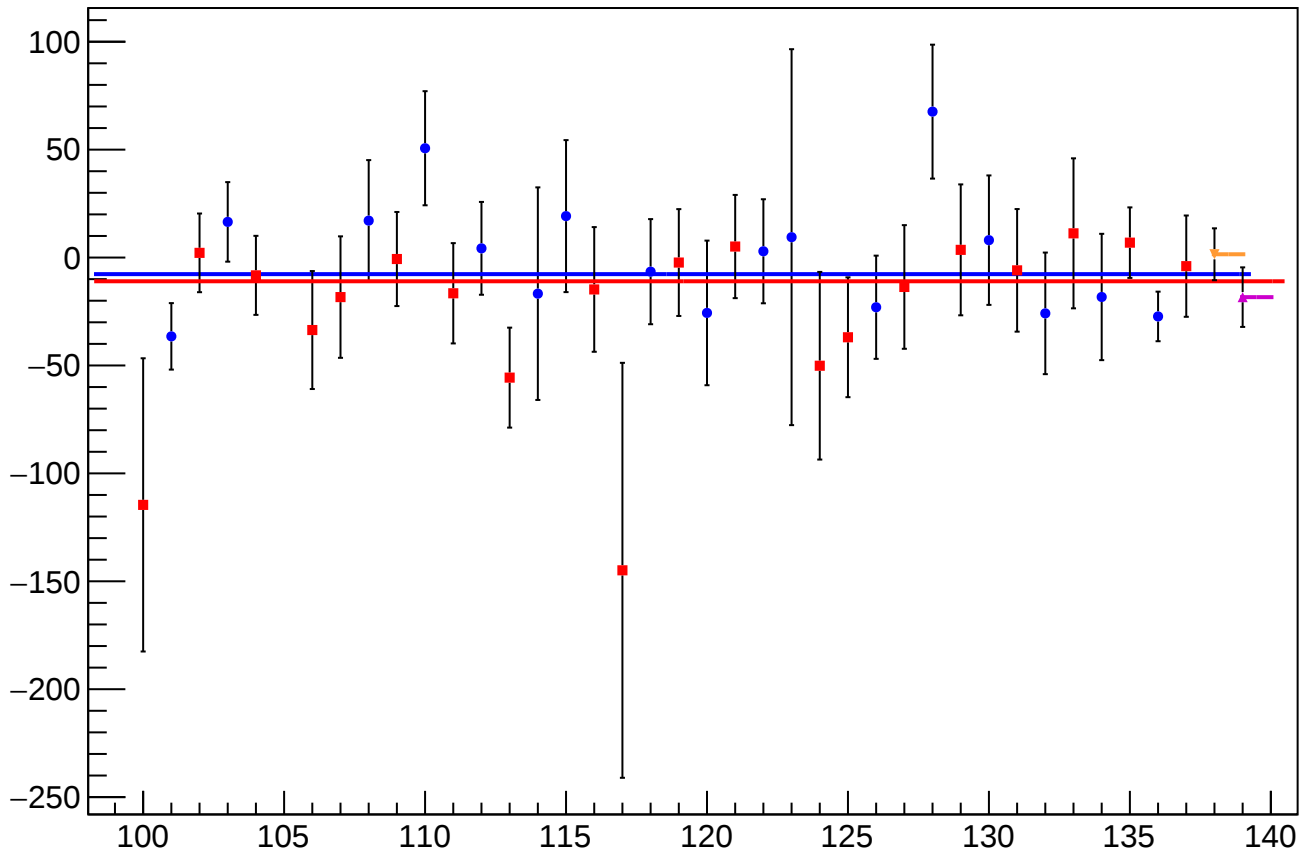
Right Out: 1.729+/-0.001 χ^2/NDF : 10822679.1/19

Left In: 272.154+/-0.227 χ^2/NDF : 0.0/0

1.708+/-0.001 χ^2/NDF : 12362290.5/17

1.738+/-0.001 χ^2/NDF : 12239058.6/20

diff_bpm4aX_mean vs Slug



Right In: -7.683 ± 5.627 χ^2/NDF : 22.4/16

Left Out: 1.524 ± 12.020 χ^2/NDF : 0.0/0

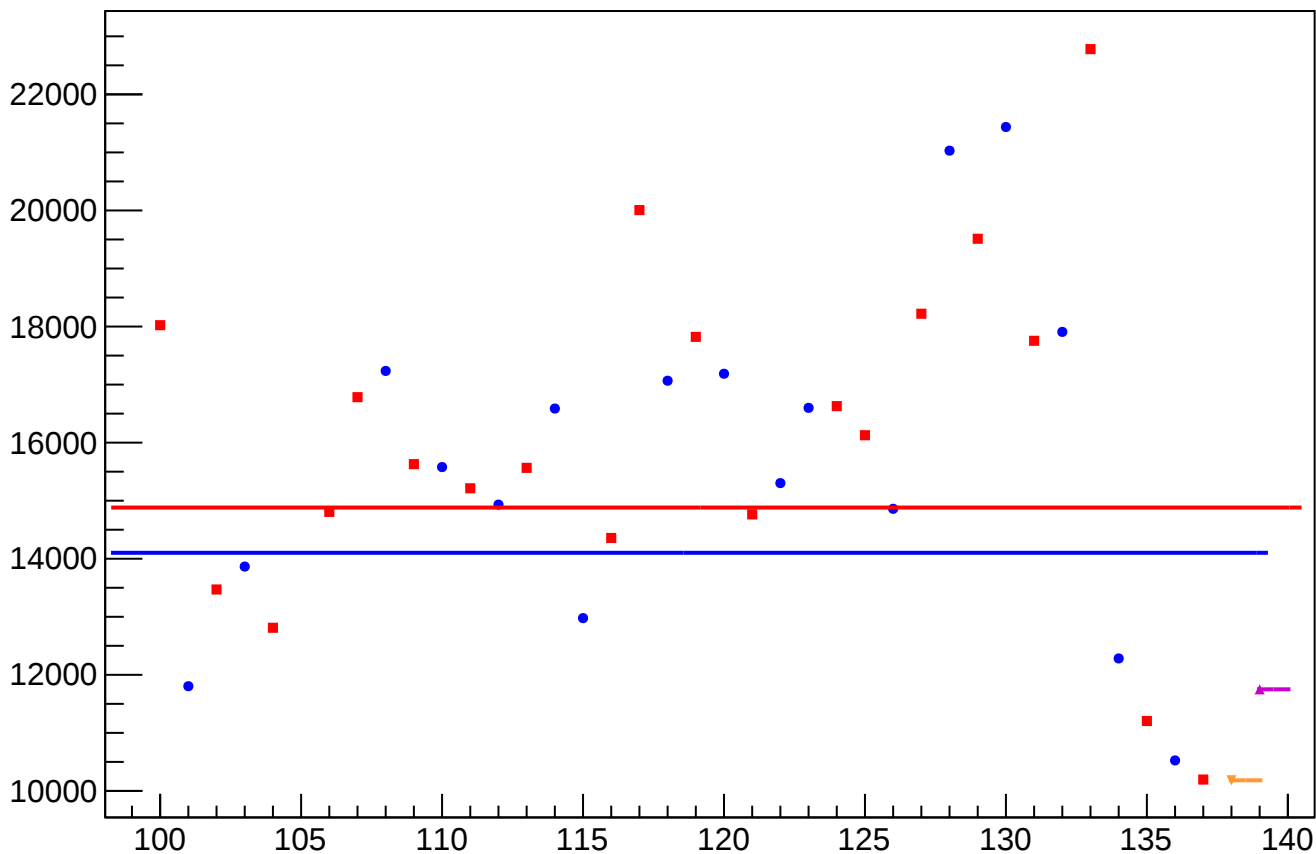
Right Out: -10.992 ± 5.672 χ^2/NDF : 13.8/19

Left In: -18.344 ± 13.797 χ^2/NDF : 0.0/0

-6.028 ± 5.096 χ^2/NDF : 22.8/17

-12.055 ± 5.246 χ^2/NDF : 14.0/20

diff_bpm4aX_rms vs Slug



Right In: 14102.522+/-3.979 χ^2/NDF : 598934.8/16

Left Out: 10182.951+/-8.499 χ^2/NDF : 0.0/0

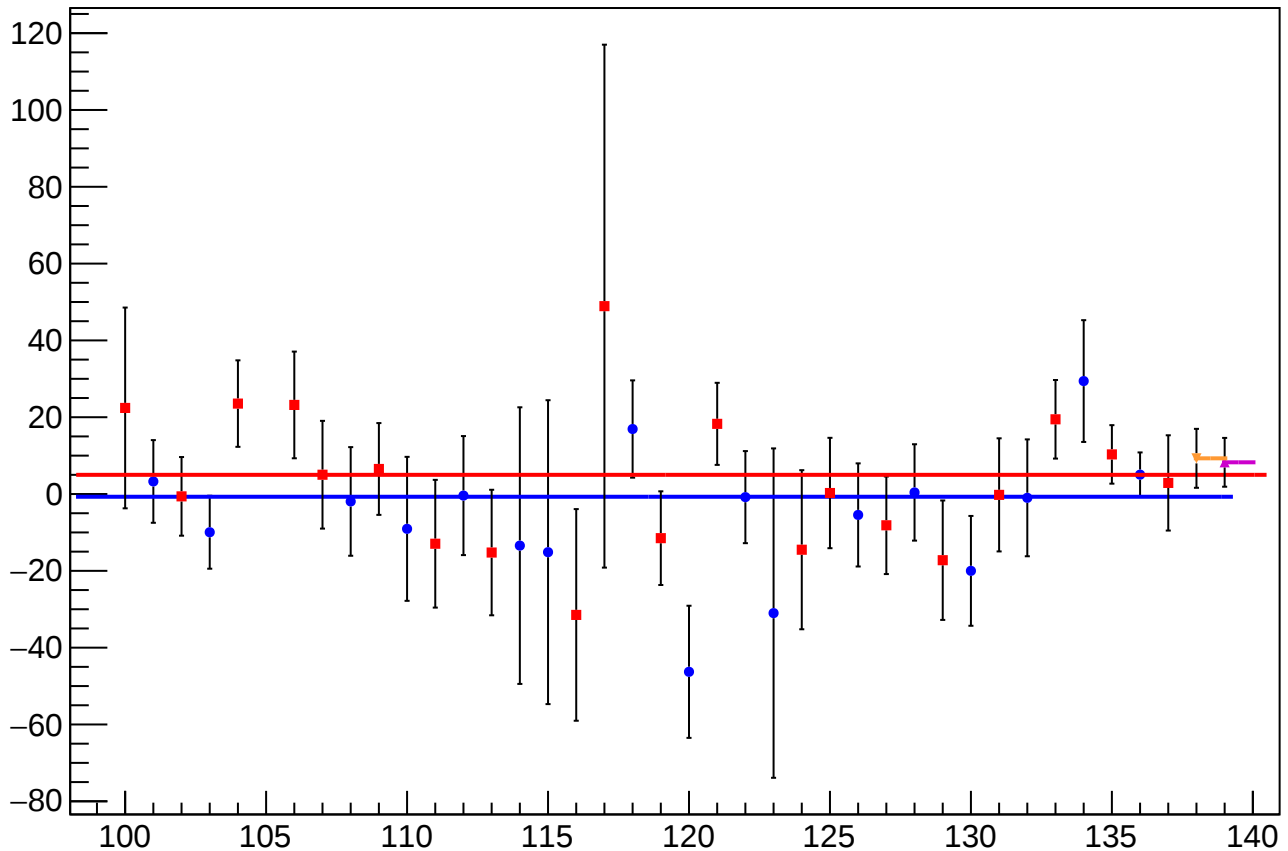
Right Out: 14882.066+/-4.011 χ^2/NDF : 475983.1/19

Left In: 11750.370+/-9.756 χ^2/NDF : 0.0/0

13397.907+/-3.604 χ^2/NDF : 773370.0/17

14429.255+/-3.710 χ^2/NDF : 564128.8/20

diff_bpm4aY_mean vs Slug



Right In: -0.708 ± 3.084 $\chi^2/\text{NDF}: 17.6/16$

Left Out: 9.297 ± 7.674 $\chi^2/\text{NDF}: 0.0/0$

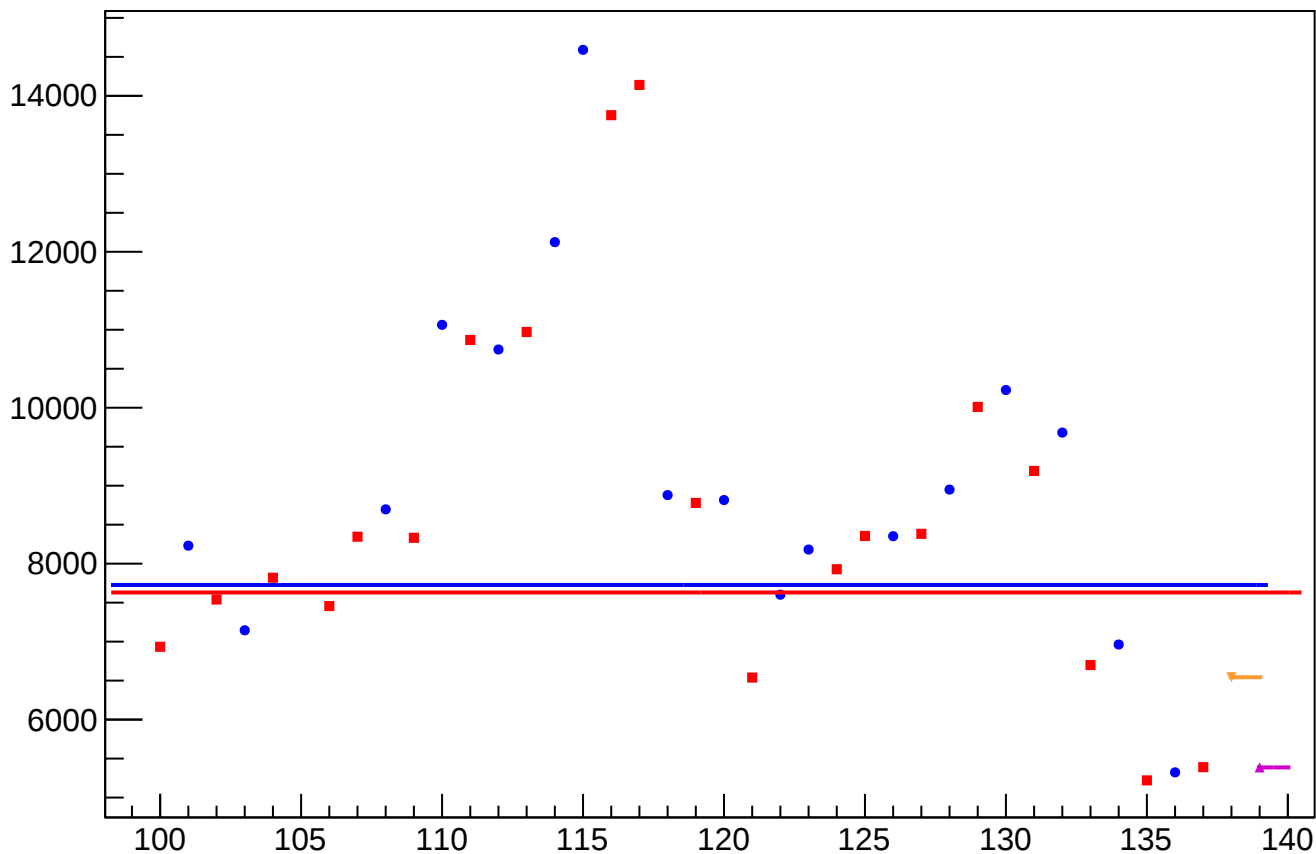
Right Out: 5.000 ± 2.937 $\chi^2/\text{NDF}: 20.2/19$

Left In: 8.260 ± 6.355 $\chi^2/\text{NDF}: 0.0/0$

0.683 ± 2.861 $\chi^2/\text{NDF}: 19.0/17$

5.574 ± 2.666 $\chi^2/\text{NDF}: 20.4/20$

diff_bpm4aY_rms vs Slug



Right In: 7726.745 $\pm$ 2.180 χ^2 /NDF: 742512.8/16

Left Out: 6543.070 $\pm$ 5.427 χ^2 /NDF: 0.0/0

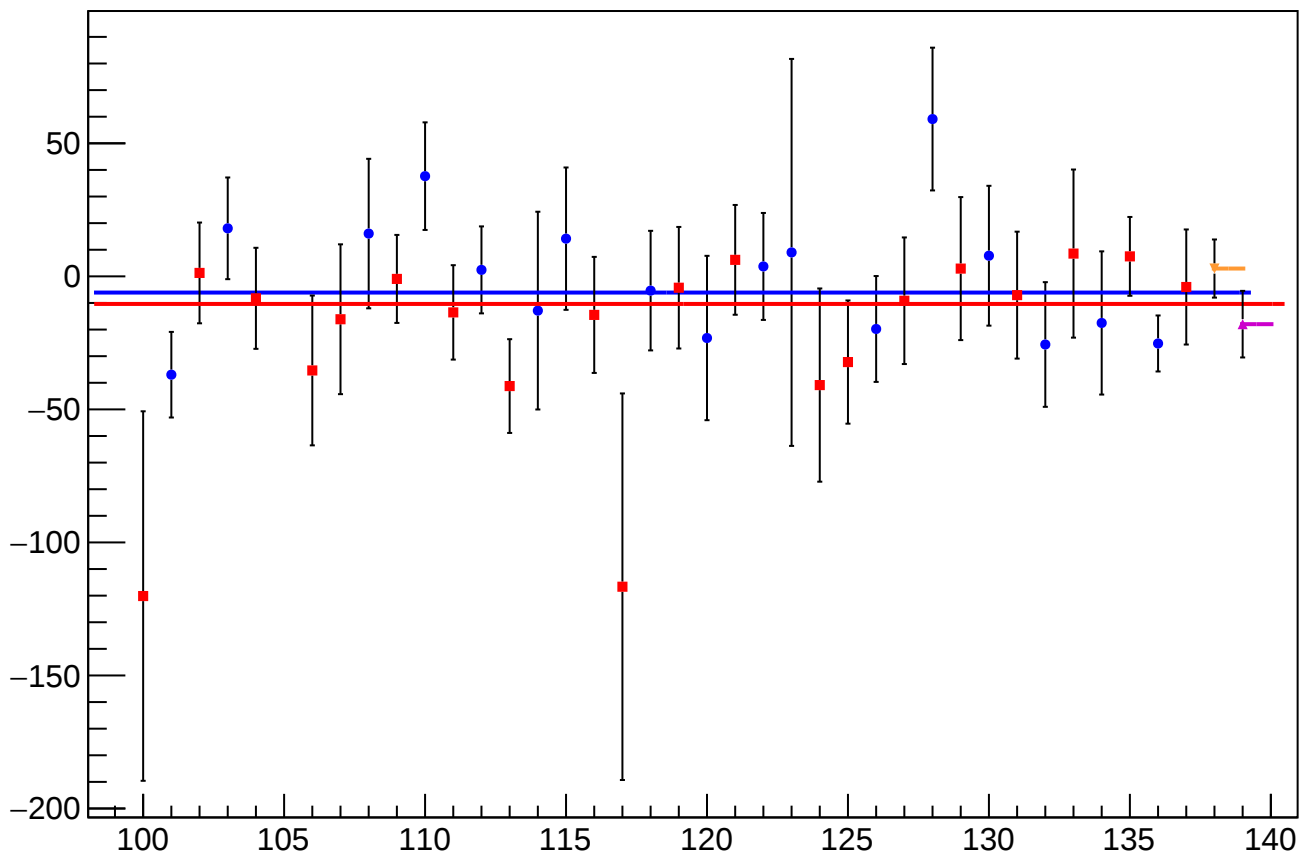
Right Out: 7630.342 $\pm$ 2.077 χ^2 /NDF: 693444.5/19

Left In: 5386.431 $\pm$ 4.493 χ^2 /NDF: 0.0/0

7562.211 $\pm$ 2.023 χ^2 /NDF: 783479.1/17

7235.418 $\pm$ 1.885 χ^2 /NDF: 898938.2/20

diff_bpm4eX_mean vs Slug



Right In: -6.092 ± 5.034 χ^2/NDF : 22.9/16

Left Out: 2.936 ± 10.924 χ^2/NDF : 0.0/0

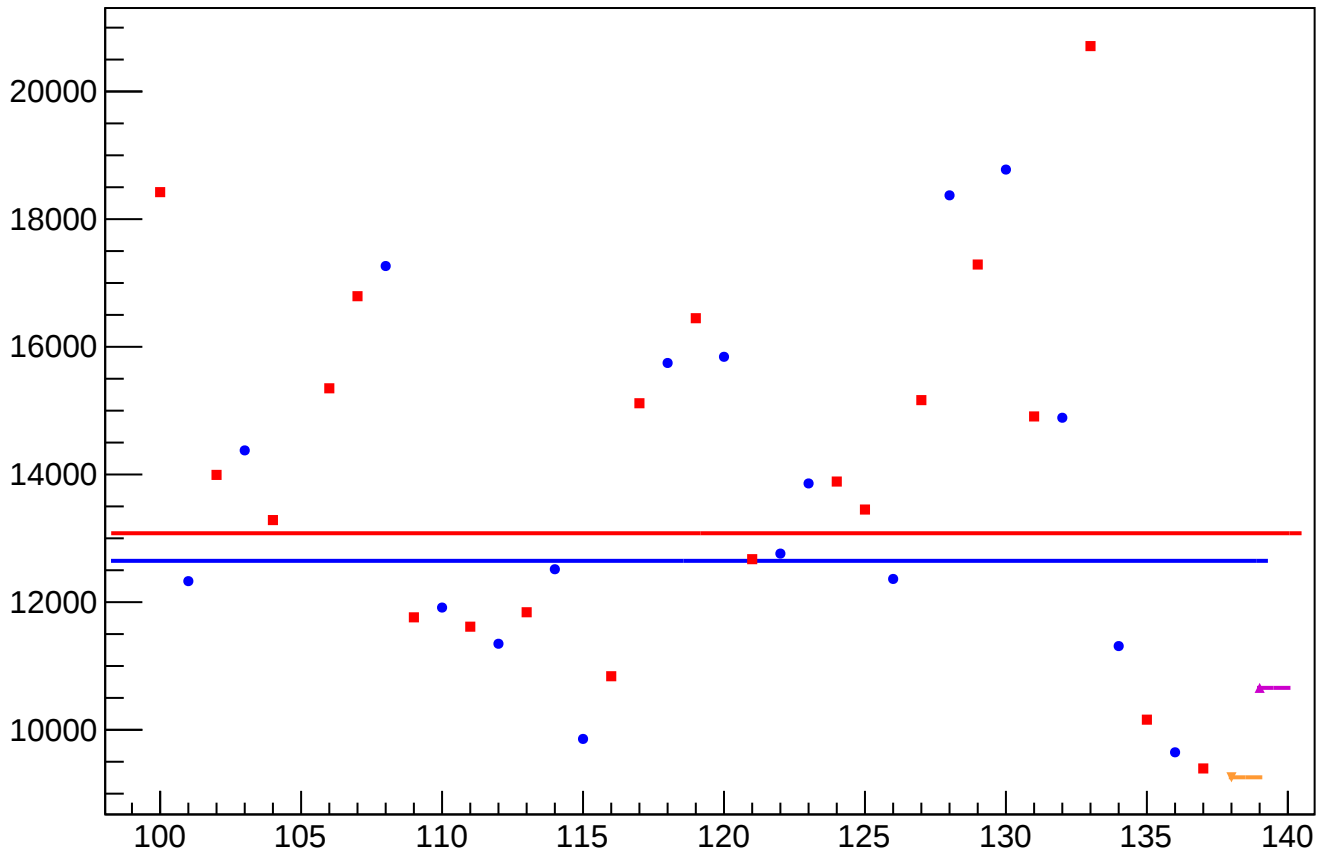
Right Out: -10.369 ± 4.992 χ^2/NDF : 13.8/19

Left In: -17.969 ± 12.514 χ^2/NDF : 0.0/0

-4.510 ± 4.572 χ^2/NDF : 23.5/17

-11.412 ± 4.636 χ^2/NDF : 14.1/20

diff_bpm4eX_rms vs Slug



Right In: 12647.257+/-3.559 χ^2/NDF : 554320.4/16

Left Out: 9256.228+/-7.724 χ^2/NDF : 0.0/0

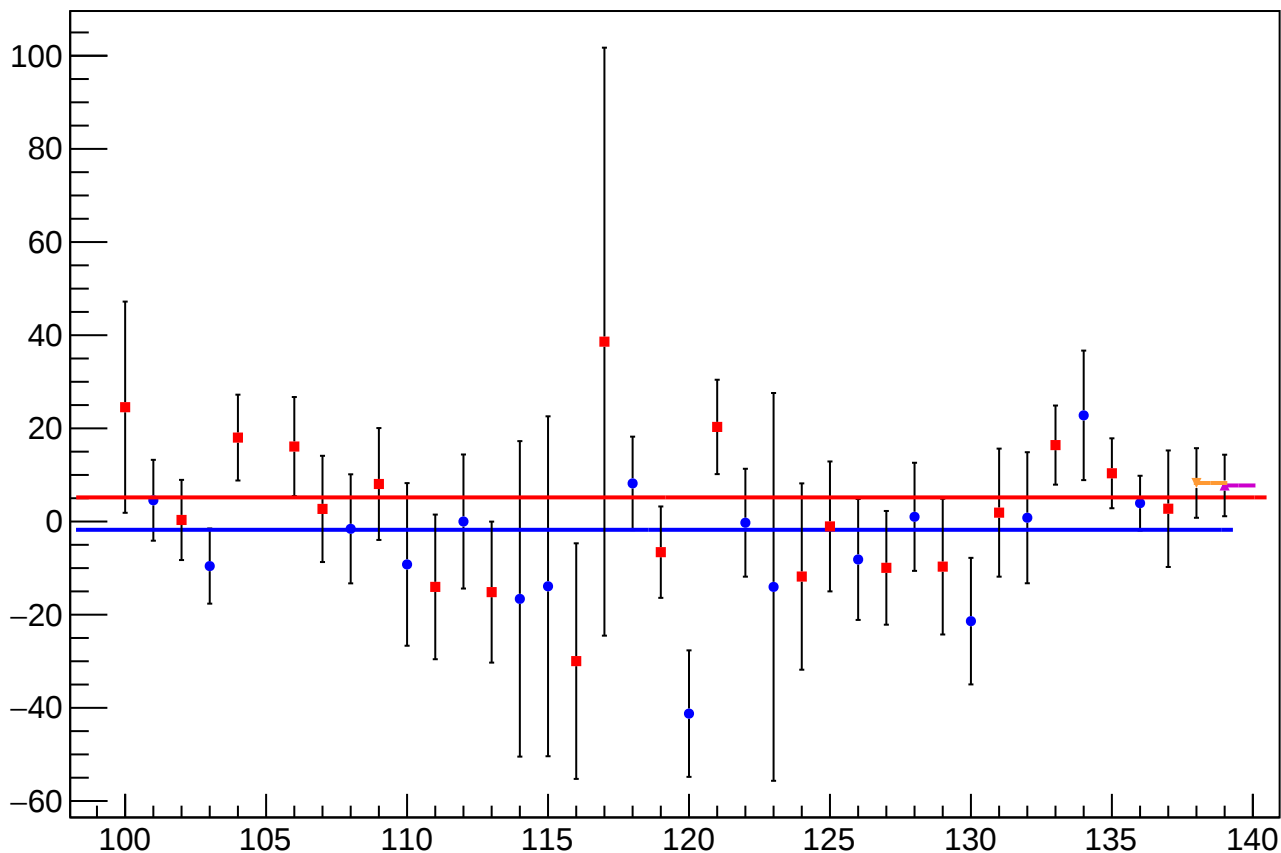
12053.306+/-3.233 χ^2/NDF : 713299.0/17

Right Out: 13079.592+/-3.530 χ^2/NDF : 497851.1/19

12747.060+/-3.278 χ^2/NDF : 562505.2/20

Left In: 10657.285+/-8.848 χ^2/NDF : 0.0/0

diff_bpm4eY_mean vs Slug



Right In: -1.777 ± 2.806 $\chi^2/\text{NDF}: 18.0/16$

Left Out: 8.274 ± 7.472 $\chi^2/\text{NDF}: 0.0/0$

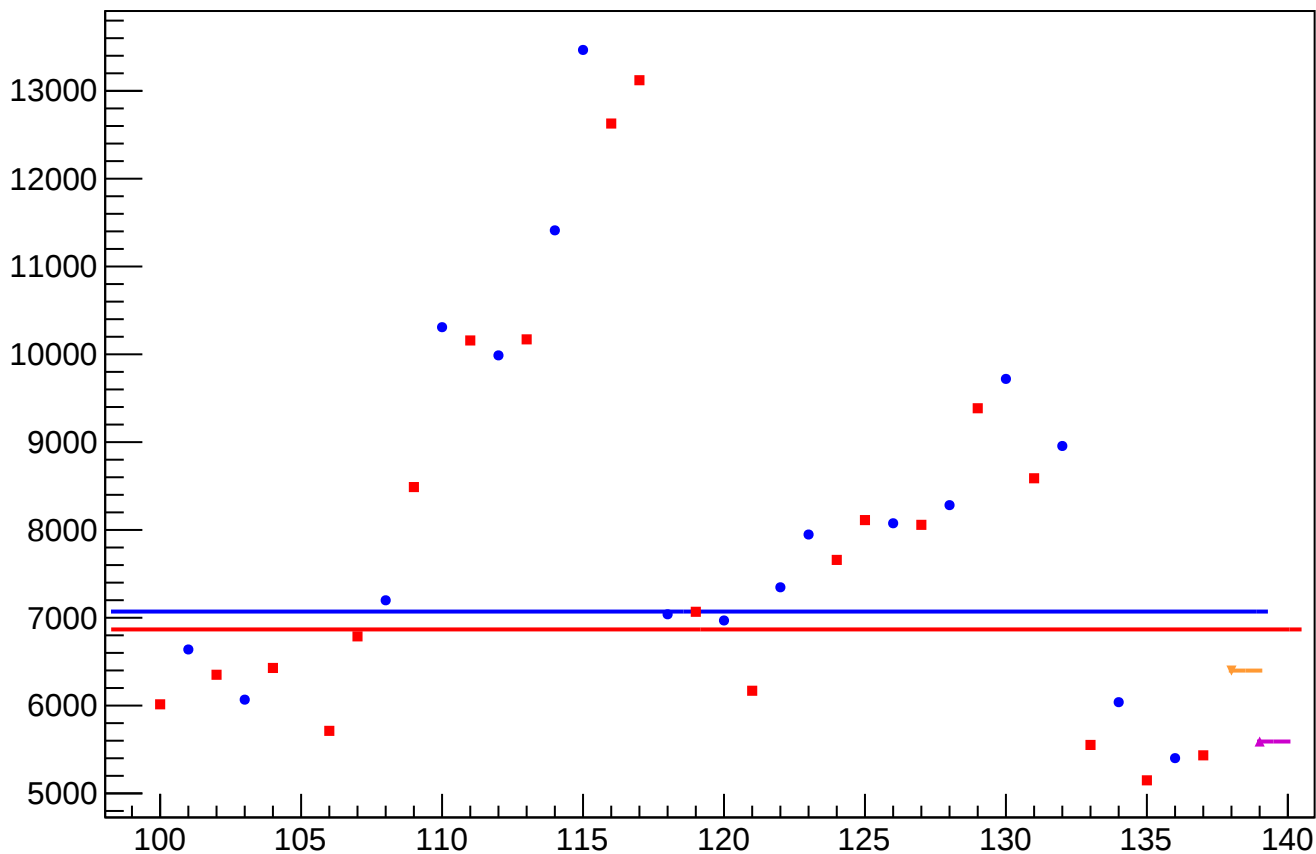
Right Out: 5.181 ± 2.640 $\chi^2/\text{NDF}: 19.2/19$

Left In: 7.741 ± 6.605 $\chi^2/\text{NDF}: 0.0/0$

-0.535 ± 2.627 $\chi^2/\text{NDF}: 19.6/17$

5.533 ± 2.451 $\chi^2/\text{NDF}: 19.3/20$

diff_bpm4eY_rms vs Slug



Right In: 7070.672+/-1.984 χ^2/NDF : 601692.5/16

Left Out: 6398.606+/-5.283 χ^2/NDF : 0.0/0

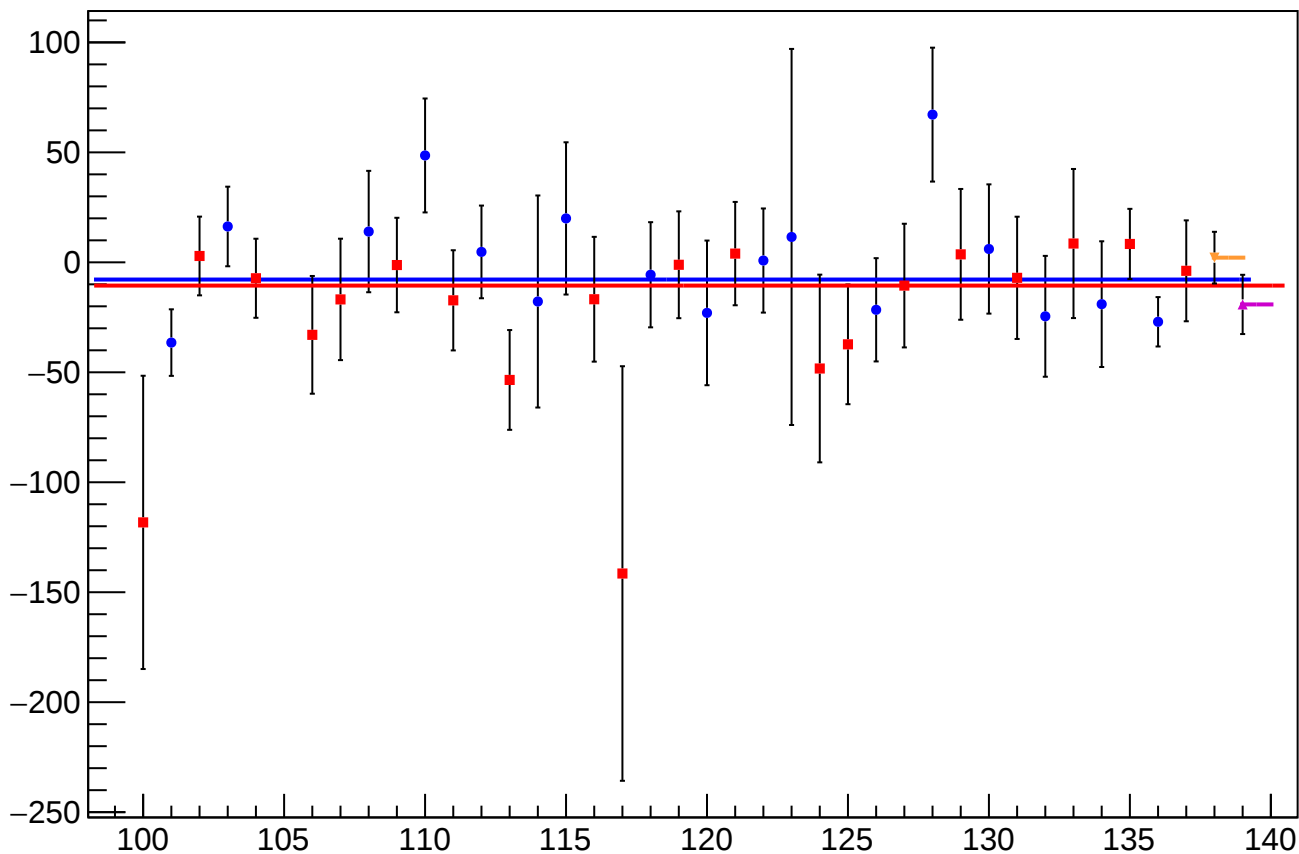
Right Out: 6867.094+/-1.866 χ^2/NDF : 701892.5/19

Left In: 5590.706+/-4.670 χ^2/NDF : 0.0/0

6987.600+/-1.857 χ^2/NDF : 615874.1/17

6691.311+/-1.733 χ^2/NDF : 766297.8/20

diff_bpm4acX_mean vs Slug



Right In: -7.825+/-5.516 χ^2 /NDF: 22.3/16

Left Out: 2.128+/-11.749 χ^2 /NDF: 0.0/0

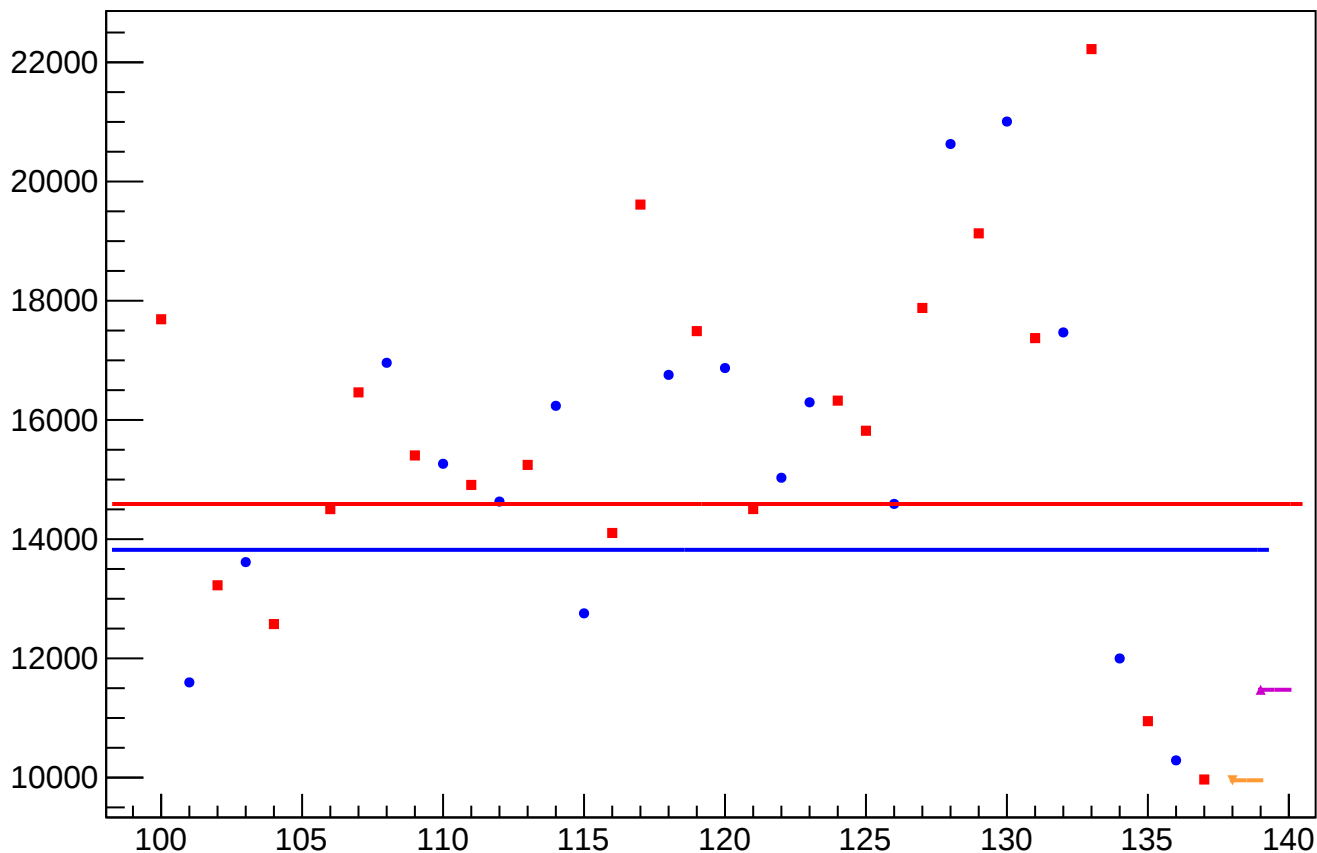
Right Out: -10.574+/-5.561 χ^2 /NDF: 14.1/19

Left In: -19.143+/-13.472 χ^2 /NDF: 0.0/0

-6.028+/-4.993 χ^2 /NDF: 22.9/17

-11.822+/-5.141 χ^2 /NDF: 14.5/20

diff_bpm4acX_rms vs Slug



Right In: 13821.195+/-3.900 χ^2/NDF : 602672.4/16

Left Out: 9954.626+/-8.308 χ^2/NDF : 0.0/0

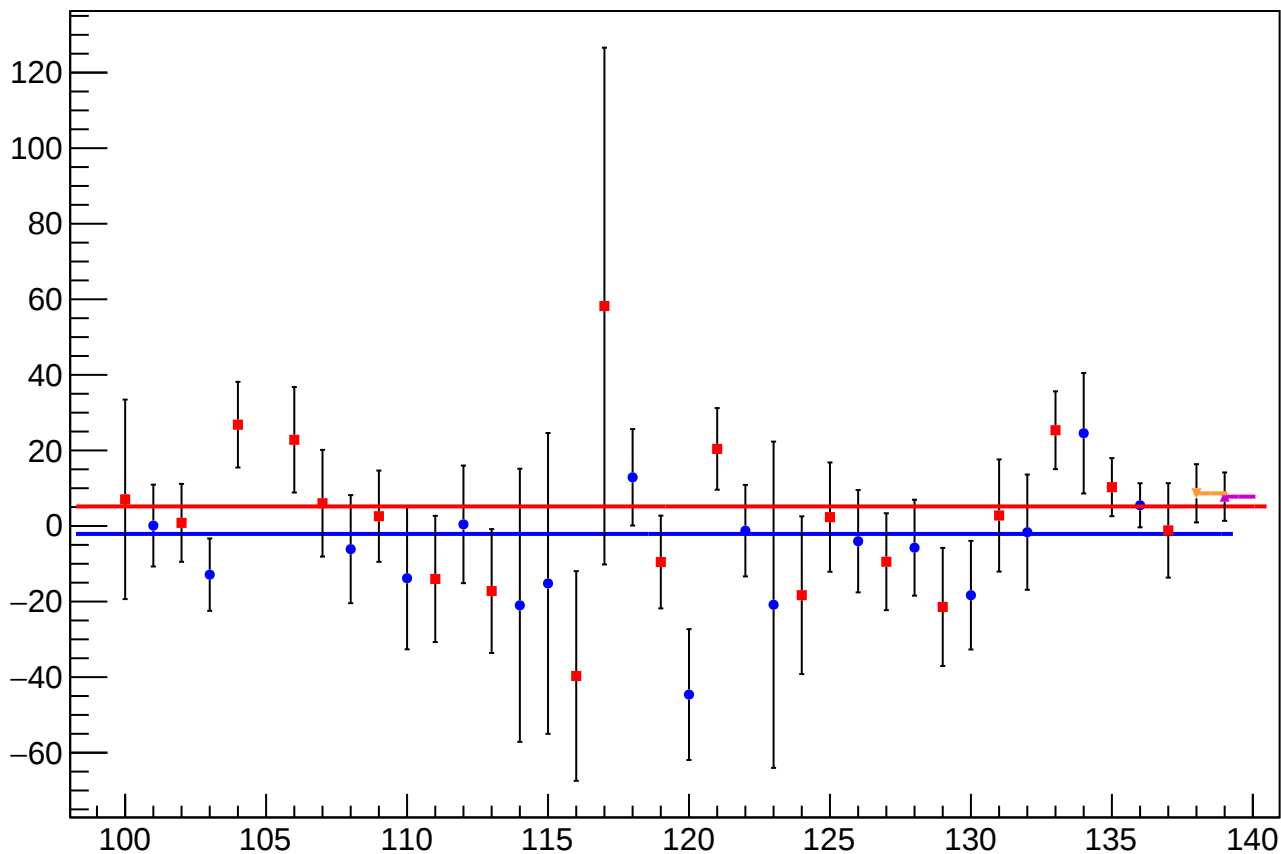
Right Out: 14589.989+/-3.933 χ^2/NDF : 478169.1/19

Left In: 11473.497+/-9.526 χ^2/NDF : 0.0/0

13122.925+/-3.531 χ^2/NDF : 780160.5/17

14136.201+/-3.635 χ^2/NDF : 569616.6/20

diff_bpm4acY_mean vs Slug



Right In: -2.098+/-3.106 χ^2/NDF : 15.6/16

Left Out: 8.655+/-7.707 χ^2/NDF : 0.0/0

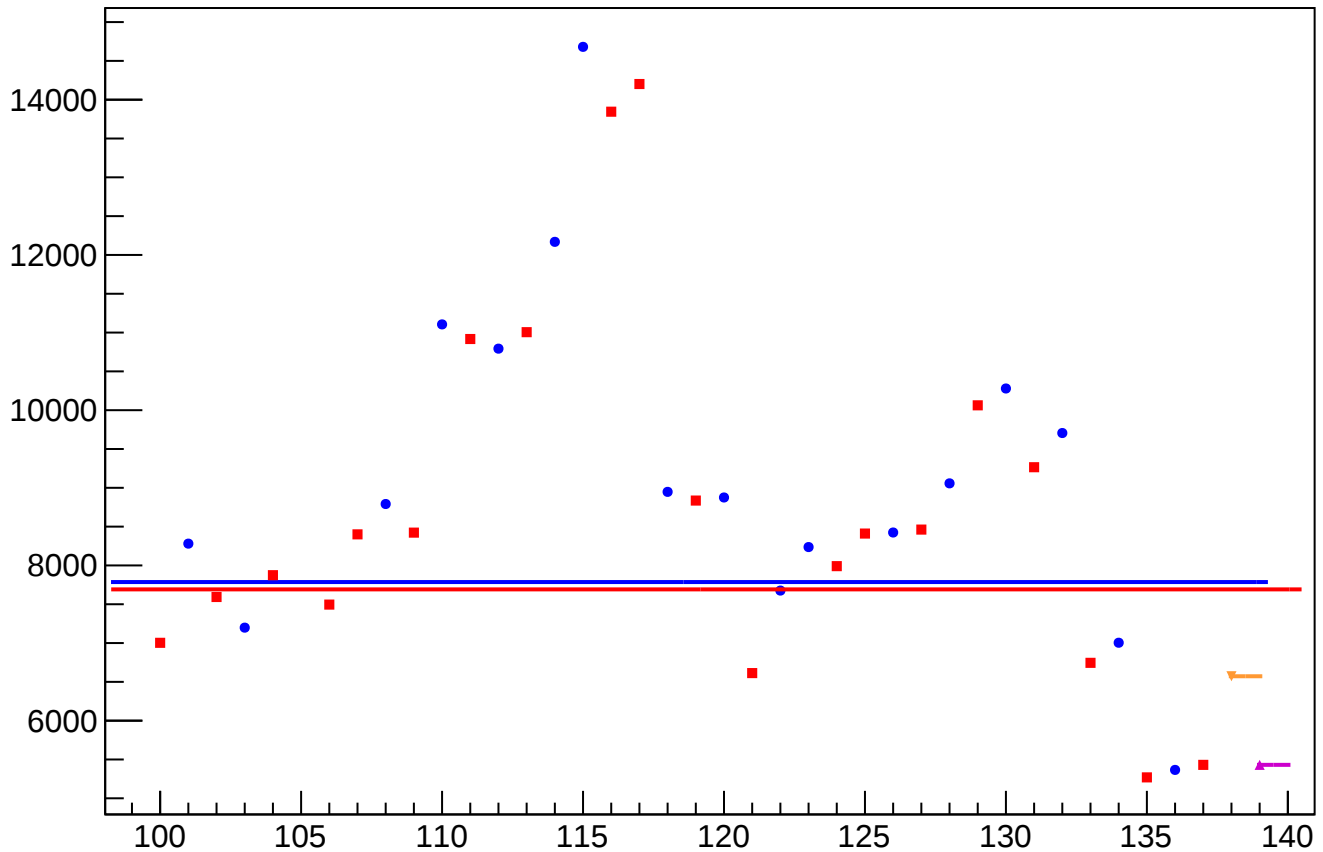
Right Out: 5.184+/-2.959 χ^2/NDF : 25.4/19

Left In: 7.771+/-6.405 χ^2/NDF : 0.0/0

-0.595+/-2.881 χ^2/NDF : 17.3/17

5.639+/-2.687 χ^2/NDF : 25.5/20

diff_bpm4acY_rms vs Slug



Right In: 7785.931+/-2.197 χ^2/NDF : 738101.9/16

Left Out: 6572.197+/-5.450 χ^2/NDF : 0.0/0

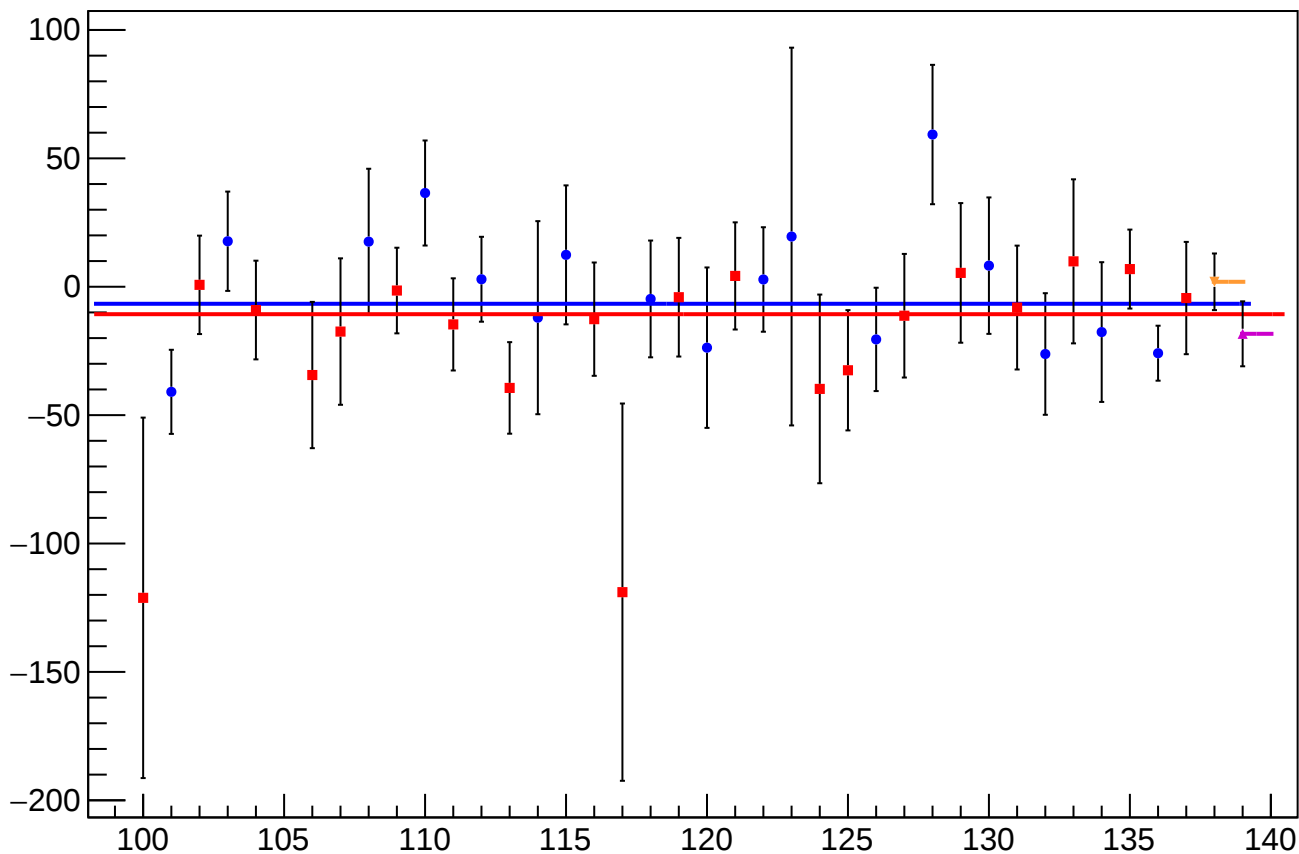
Right Out: 7691.398+/-2.093 χ^2/NDF : 686898.9/19

Left In: 5430.845+/-4.529 χ^2/NDF : 0.0/0

7616.313+/-2.037 χ^2/NDF : 780768.5/17

7293.705+/-1.900 χ^2/NDF : 892193.3/20

diff_bpm4ecX_mean vs Slug



Right In: -6.634 ± 5.101 χ^2/NDF : 23.4/16

Left Out: 1.927 ± 11.028 χ^2/NDF : 0.0/0

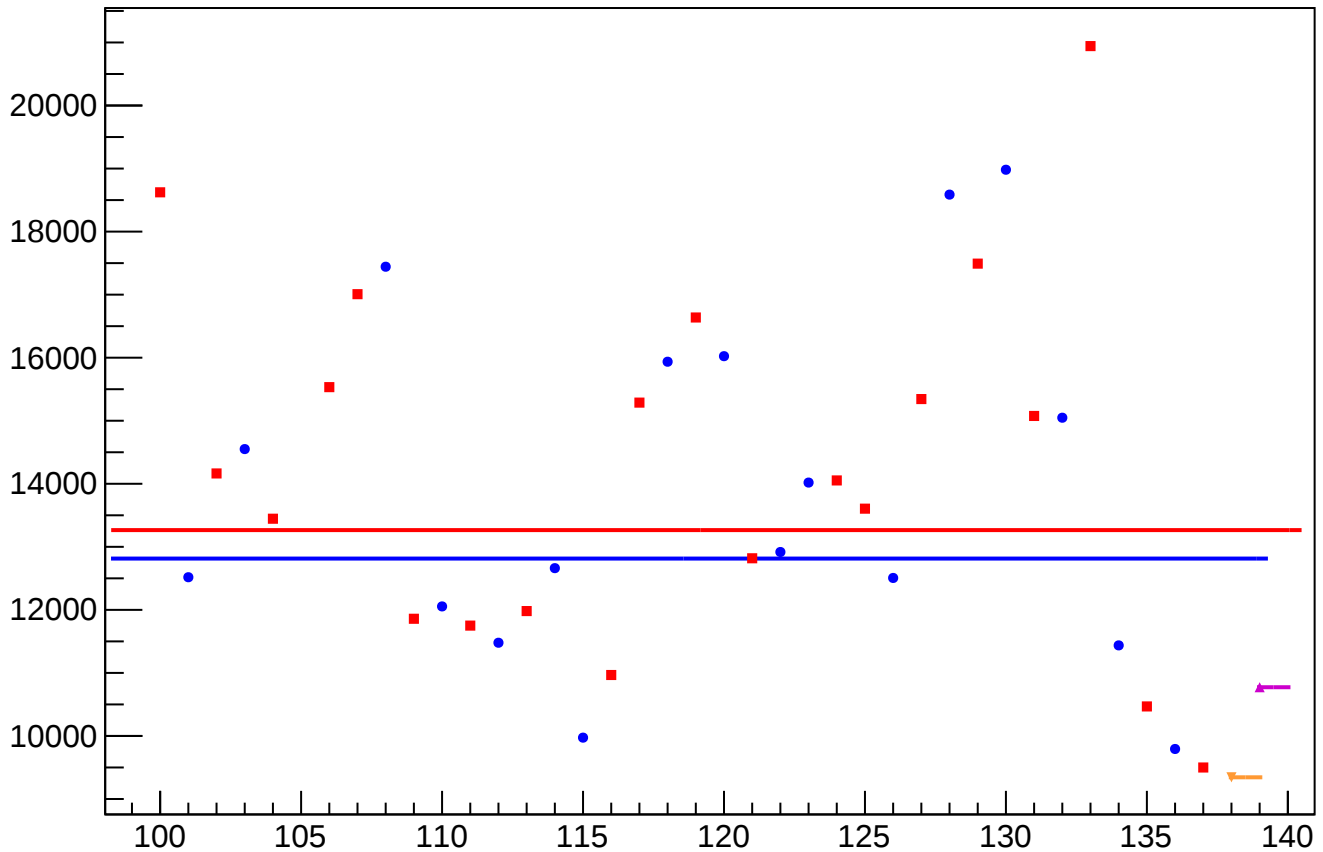
Right Out: -10.688 ± 5.063 χ^2/NDF : 13.0/19

Left In: -18.332 ± 12.649 χ^2/NDF : 0.0/0

-5.125 ± 4.630 χ^2/NDF : 23.9/17

-11.744 ± 4.700 χ^2/NDF : 13.3/20

diff_bpm4ecX_rms vs Slug



Right In: 12813.726+/-3.607 χ^2/NDF : 548127.6/16

Left Out: 9344.068+/-7.798 χ^2/NDF : 0.0/0

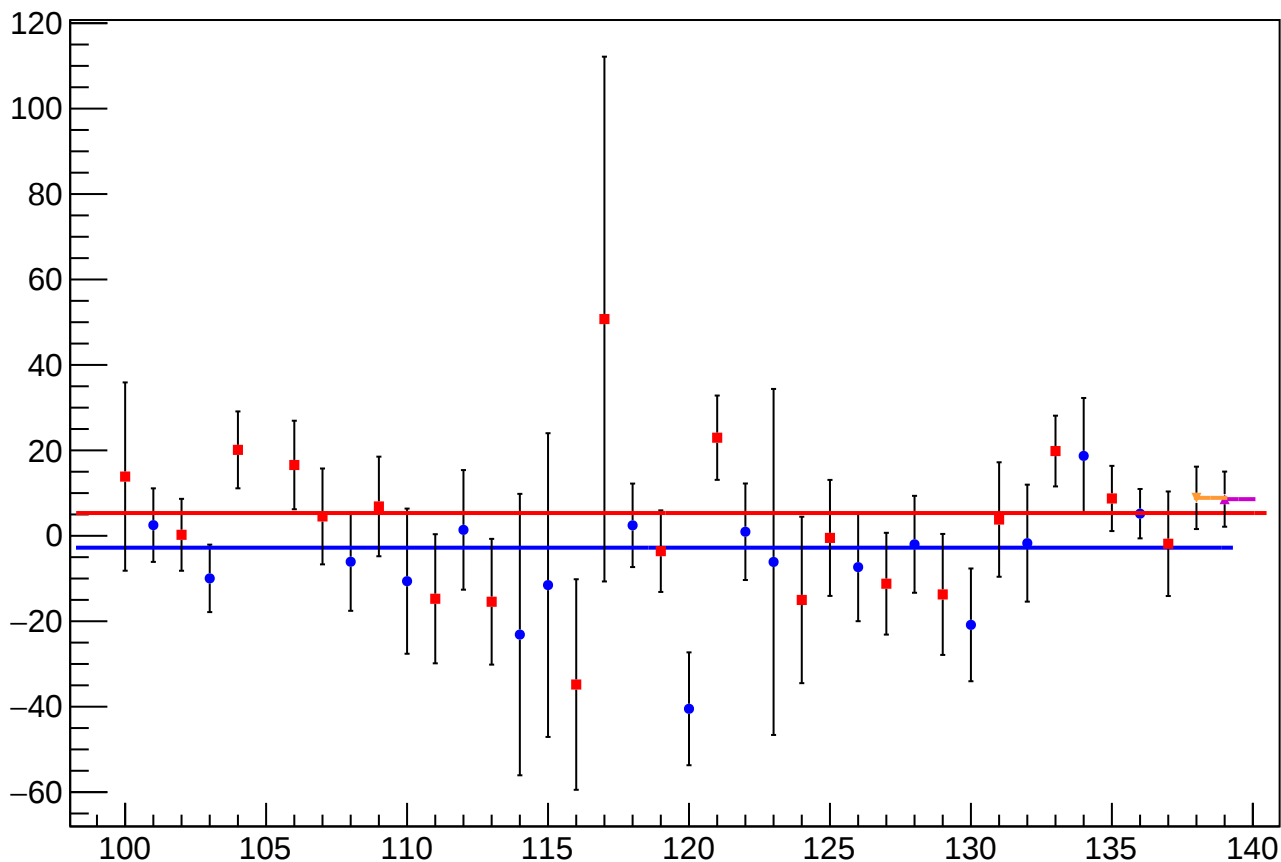
12202.114+/-3.274 χ^2/NDF : 711217.0/17

Right Out: 13265.185+/-3.580 χ^2/NDF : 485810.1/19

12921.070+/-3.324 χ^2/NDF : 552731.1/20

Left In: 10772.908+/-8.944 χ^2/NDF : 0.0/0

diff_bpm4ecY_mean vs Slug



Right In: -2.778 ± 2.747 $\chi^2/\text{NDF}: 17.0/16$

Left Out: 8.886 ± 7.303 $\chi^2/\text{NDF}: 0.0/0$

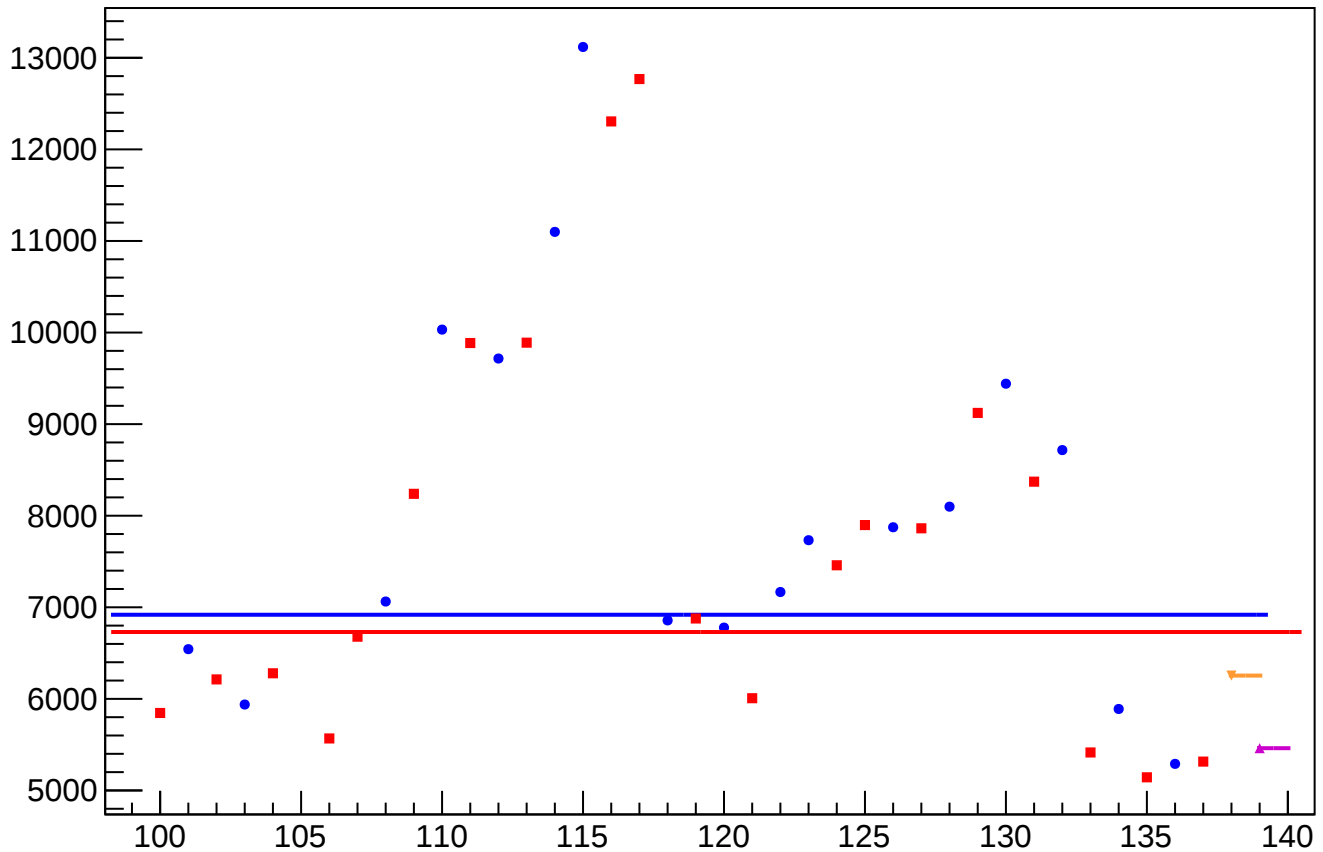
Right Out: 5.332 ± 2.587 $\chi^2/\text{NDF}: 24.1/19$

Left In: 8.581 ± 6.453 $\chi^2/\text{NDF}: 0.0/0$

-1.333 ± 2.571 $\chi^2/\text{NDF}: 19.2/17$

5.782 ± 2.401 $\chi^2/\text{NDF}: 24.3/20$

diff_bpm4ecY_rms vs Slug



Right In: 6918.554+/-1.943 χ^2/NDF : 587976.6/16

Left Out: 6254.397+/-5.164 χ^2/NDF : 0.0/0

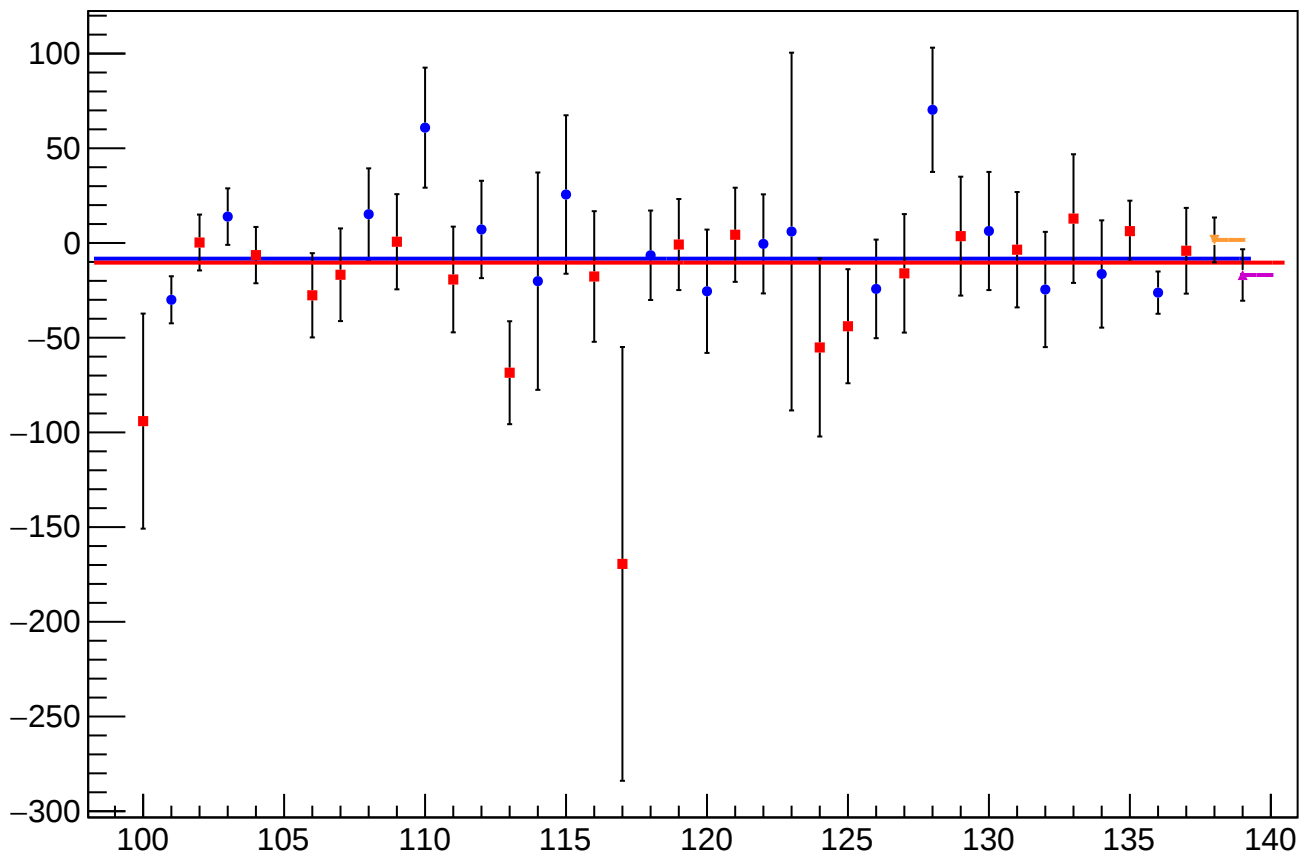
Right Out: 6730.137+/-1.830 χ^2/NDF : 673193.1/19

Left In: 5461.555+/-4.563 χ^2/NDF : 0.0/0

6836.232+/-1.818 χ^2/NDF : 602466.3/17

6554.433+/-1.698 χ^2/NDF : 739786.2/20

diff_bpm1X_mean vs Slug



Right In: -8.286+/-5.410 χ^2/NDF : 21.7/16

Left Out: 1.620+/-11.831 χ^2/NDF : 0.0/0

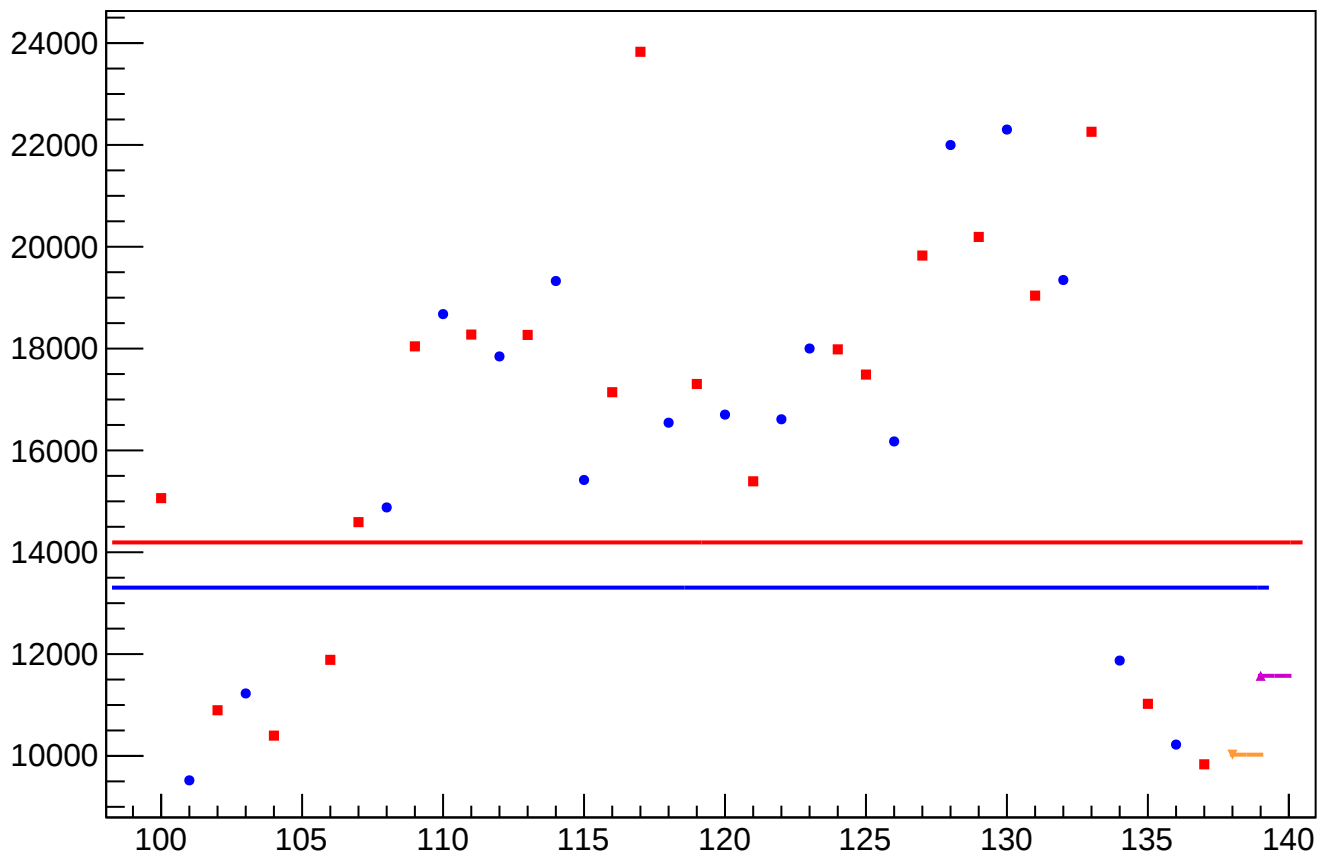
Right Out: -10.376+/-5.507 χ^2/NDF : 14.8/19

Left In: -16.901+/-13.589 χ^2/NDF : 0.0/0

-6.573+/-4.920 χ^2/NDF : 22.3/17

-11.296+/-5.104 χ^2/NDF : 15.0/20

diff_bpm1X_rms vs Slug



Right In: 13305.410+/-3.826 χ^2/NDF : 1044091.1/16

Left Out: 10024.739+/-8.366 χ^2/NDF : 0.0/0

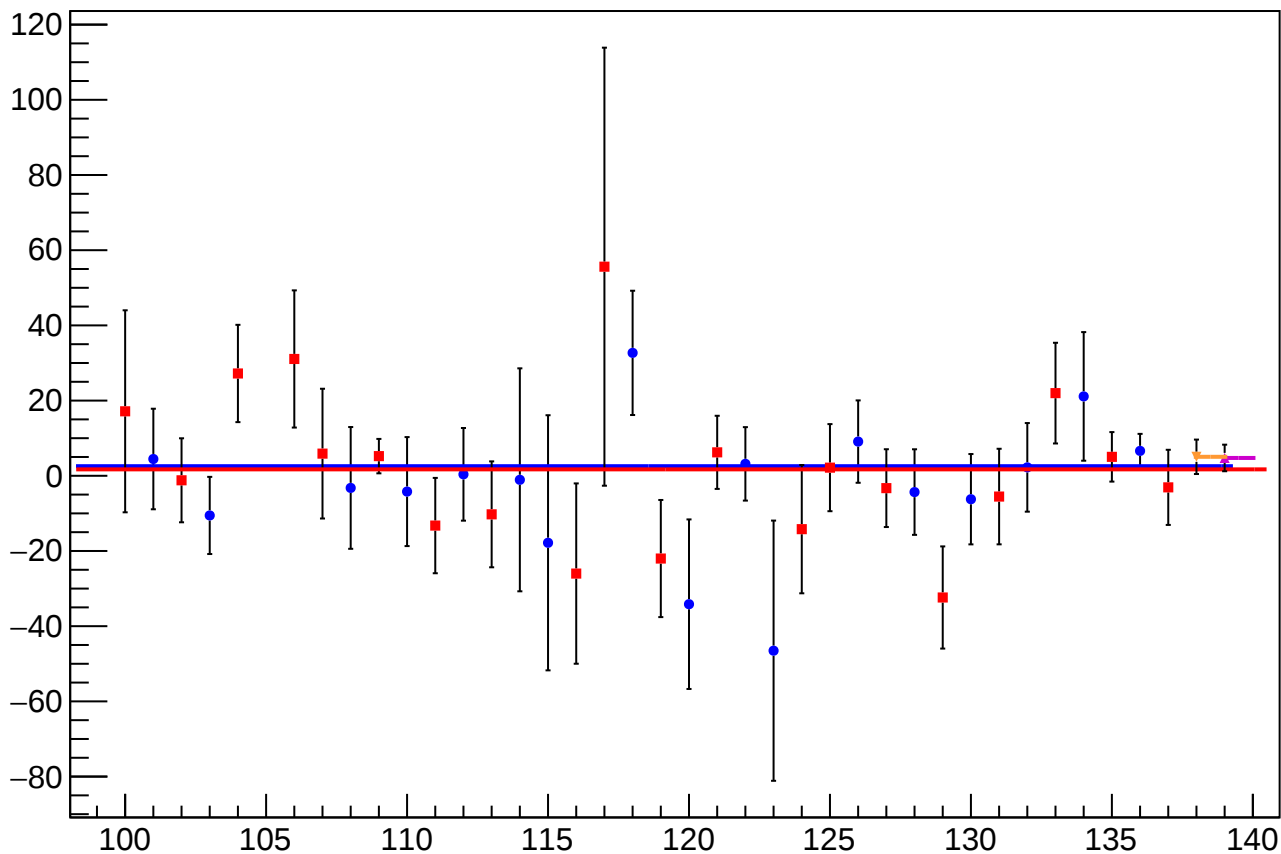
Right Out: 14193.006+/-3.894 χ^2/NDF : 944809.1/19

Left In: 11573.318+/-9.609 χ^2/NDF : 0.0/0

12738.054+/-3.479 χ^2/NDF : 1171274.9/17

13823.490+/-3.609 χ^2/NDF : 1008654.3/20

diff_bpm1Y_mean vs Slug



Right In: 2.551 $\pm$ 2.757 χ^2 /NDF: 13.6/16

Left Out: 5.050 $\pm$ 4.580 χ^2 /NDF: 0.0/0

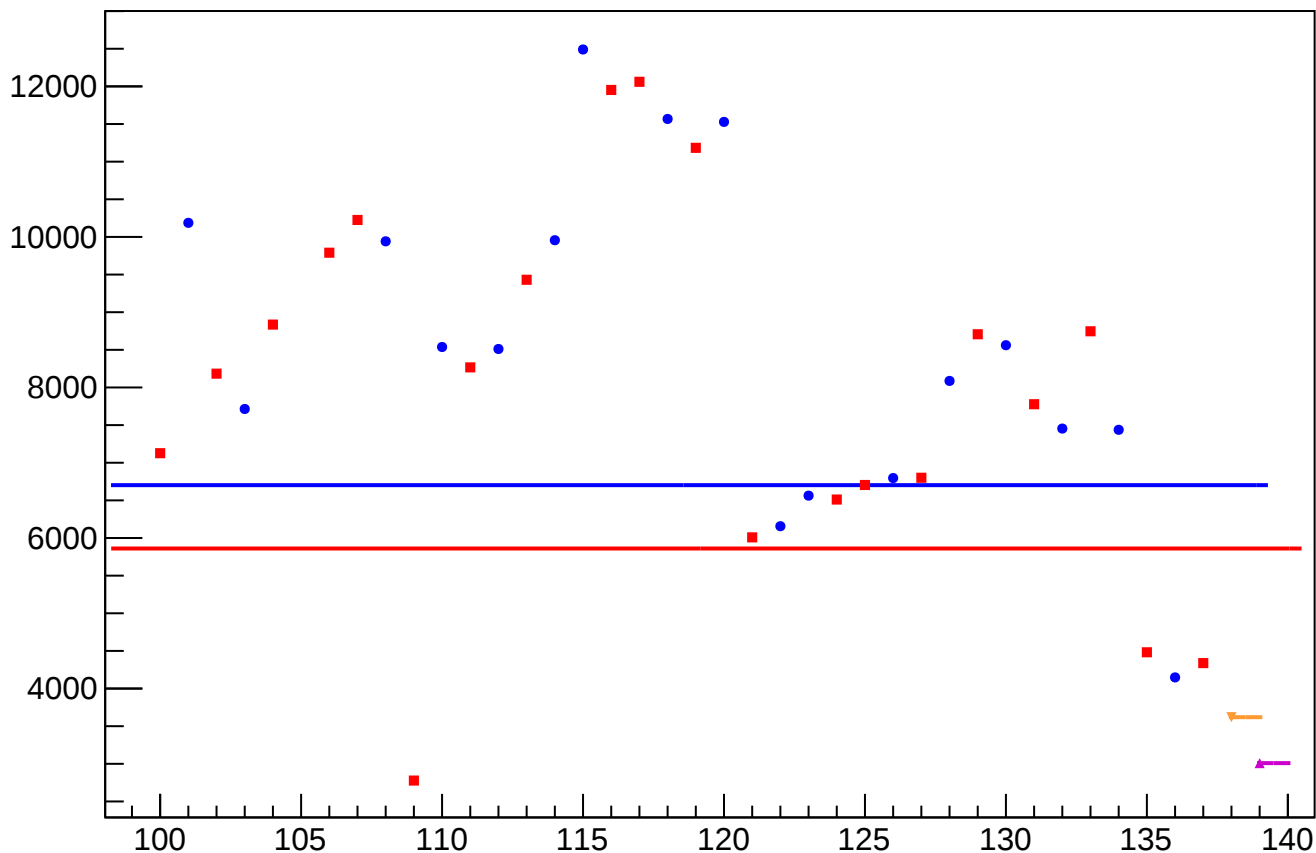
Right Out: 1.708 $\pm$ 2.440 χ^2 /NDF: 24.9/19

Left In: 4.743 $\pm$ 3.534 χ^2 /NDF: 0.0/0

3.216 $\pm$ 2.362 χ^2 /NDF: 13.9/17

2.688 $\pm$ 2.008 χ^2 /NDF: 25.4/20

diff_bpm1Y_rms vs Slug



Right In: 6702.245+/-1.949 χ^2/NDF : 1389956.8/16

Left Out: 3619.430+/-3.238 χ^2/NDF : 0.0/0

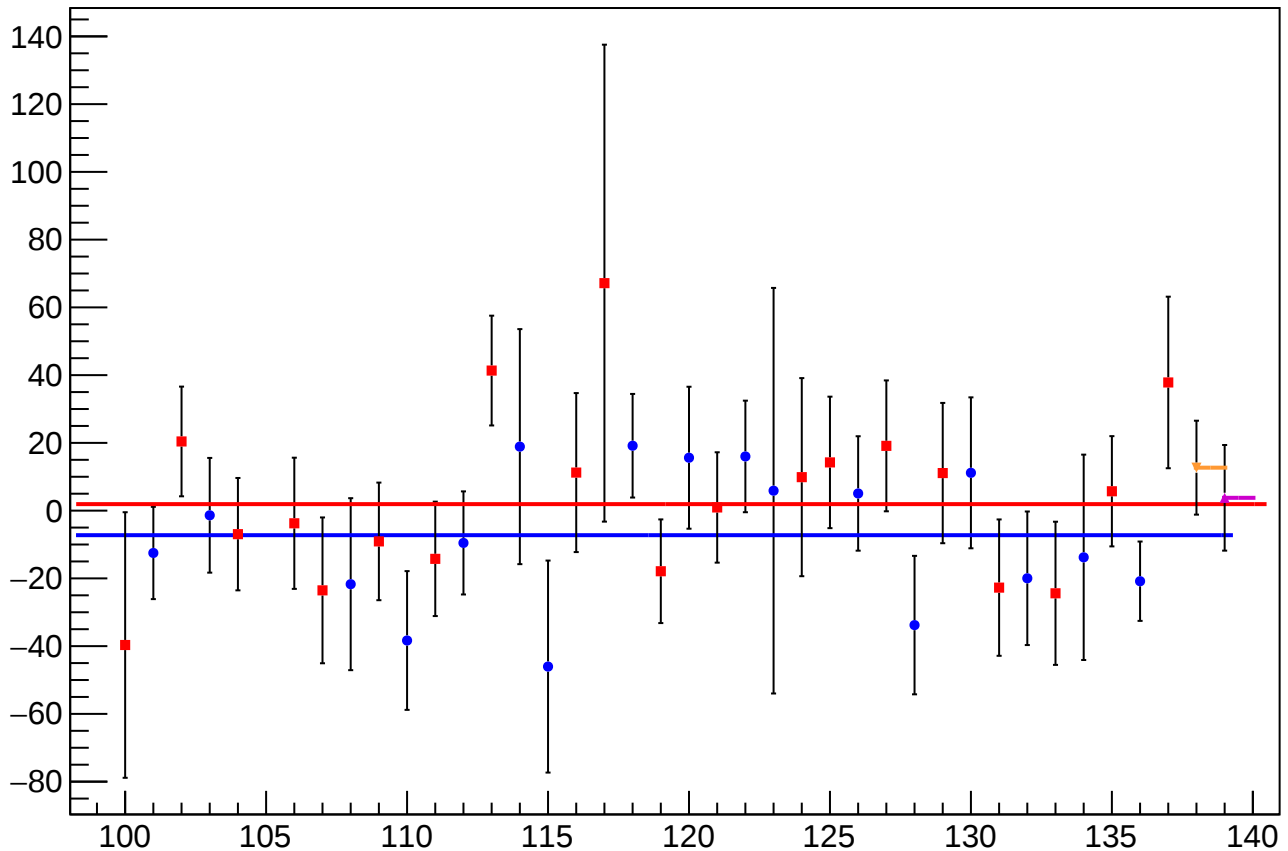
Right Out: 5860.505+/-1.725 χ^2/NDF : 2301163.3/19

Left In: 3009.234+/-2.499 χ^2/NDF : 0.0/0

5882.285+/-1.670 χ^2/NDF : 2055171.3/17

4940.077+/-1.420 χ^2/NDF : 3182659.2/20

diff_bpm11X_mean vs Slug



Right In: -7.245 ± 4.547 χ^2/NDF : 15.9/16

Left Out: 12.685 ± 13.865 χ^2/NDF : 0.0/0

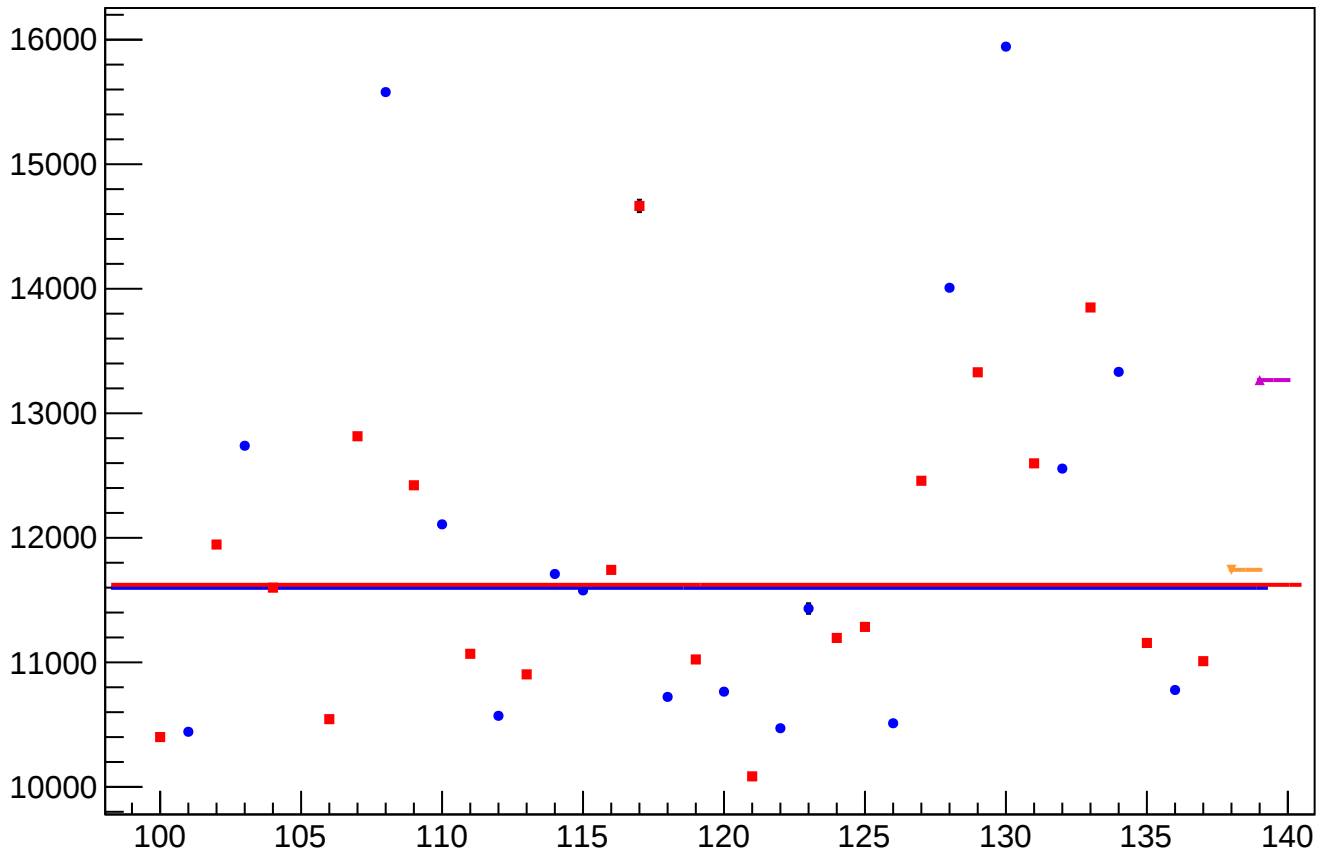
Right Out: 1.922 ± 4.365 χ^2/NDF : 20.7/19

Left In: 3.785 ± 15.592 χ^2/NDF : 0.0/0

-5.310 ± 4.321 χ^2/NDF : 17.8/17

2.058 ± 4.203 χ^2/NDF : 20.7/20

diff_bpm11X_rms vs Slug



Right In: 11598.751+/-3.215 χ^2/NDF : 235423.8/16

Left Out: 11743.266+/-9.804 χ^2/NDF : 0.0/0

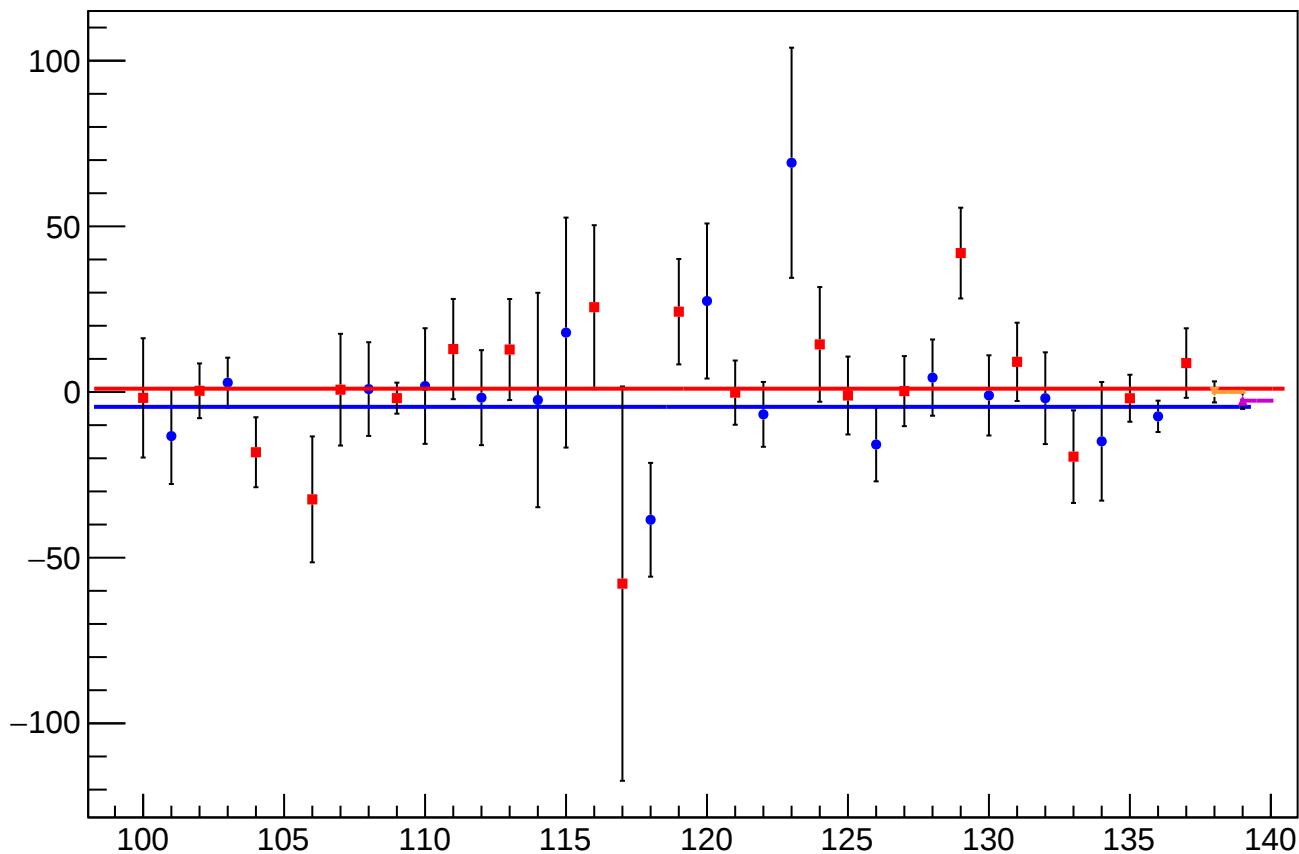
Right Out: 11622.681+/-3.086 χ^2/NDF : 98197.0/19

Left In: 13266.842+/-11.025 χ^2/NDF : 0.0/0

11612.785+/-3.055 χ^2/NDF : 235620.0/17

11742.149+/-2.972 χ^2/NDF : 118819.2/20

diff_bpm11Y_mean vs Slug



Right In: -4.476 ± 2.782 χ^2/NDF : 14.8/16

Left Out: 0.042 ± 3.177 χ^2/NDF : 0.0/0

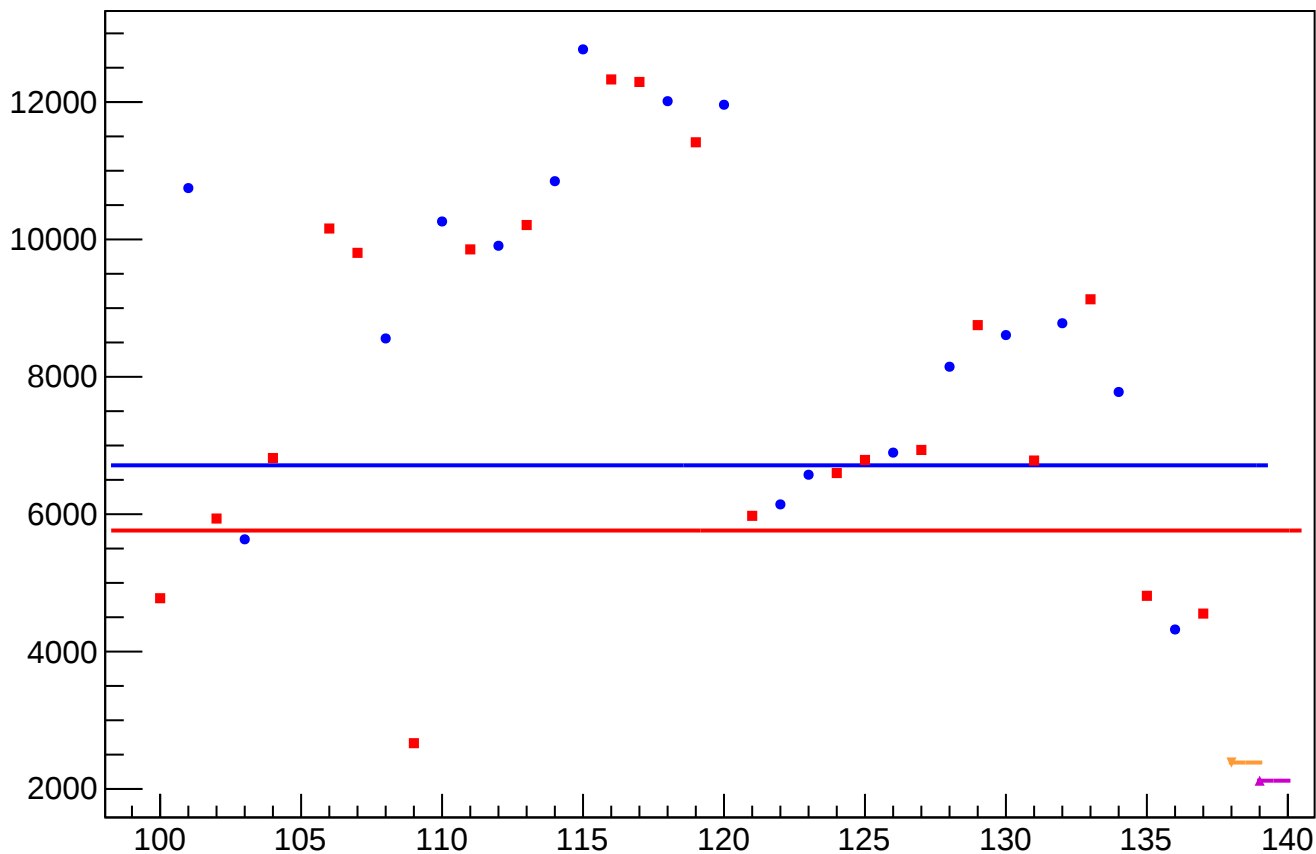
Right Out: 1.007 ± 2.427 χ^2/NDF : 25.0/19

Left In: -2.606 ± 2.491 χ^2/NDF : 0.0/0

-2.516 ± 2.093 χ^2/NDF : 16.0/17

-0.753 ± 1.738 χ^2/NDF : 26.1/20

diff_bpm11Y_rms vs Slug



Right In: 6711.550+/-1.967 χ^2/NDF : 1446972.0/16

Left Out: 2384.865+/-2.247 χ^2/NDF : 0.0/0

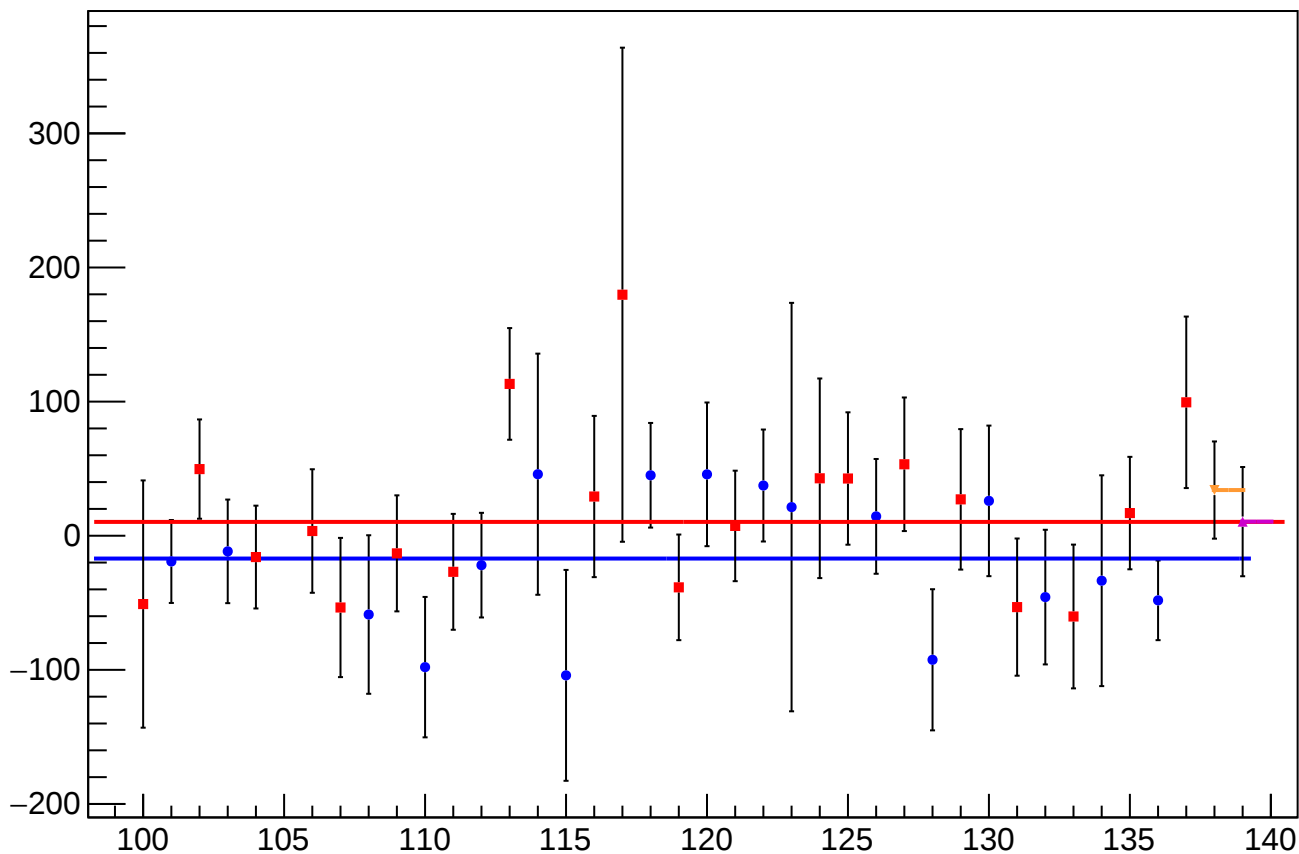
Right Out: 5762.387+/-1.716 χ^2/NDF : 2189239.7/19

Left In: 2120.636+/-1.761 χ^2/NDF : 0.0/0

4834.282+/-1.480 χ^2/NDF : 3546362.8/17

3988.937+/-1.229 χ^2/NDF : 4382243.7/20

diff_bpm12X_mean vs Slug



Right In: -17.010 ± 11.287 χ^2/NDF : 15.0/16

Left Out: 34.062 ± 36.240 χ^2/NDF : 0.0/0

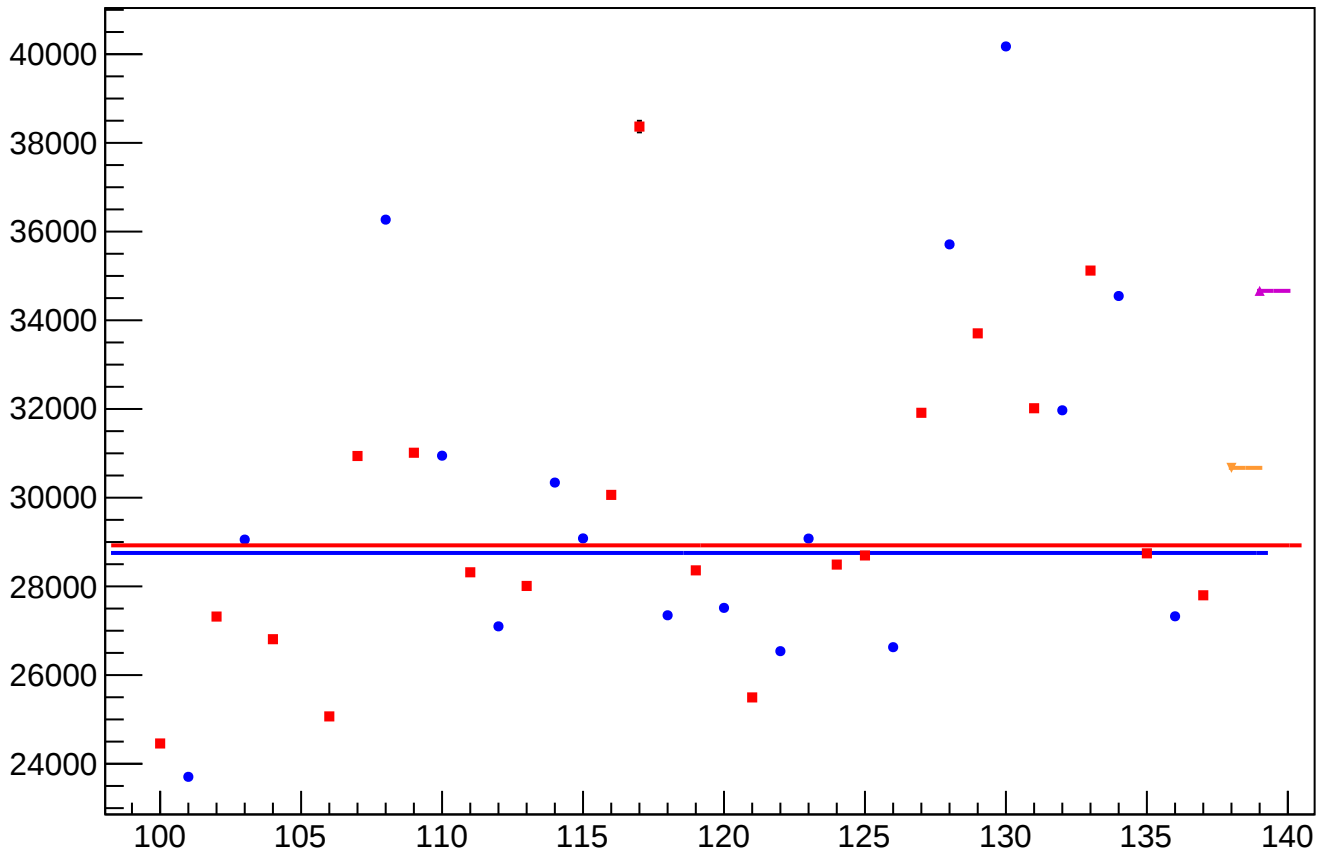
Right Out: 10.311 ± 10.872 χ^2/NDF : 19.9/19

Left In: 10.510 ± 40.723 χ^2/NDF : 0.0/0

-12.494 ± 10.777 χ^2/NDF : 16.8/17

10.325 ± 10.504 χ^2/NDF : 19.9/20

diff_bpm12X_rms vs Slug



Right In: 28753.787+/-7.981 χ^2/NDF : 249215.1/16

Left Out: 30672.412+/-25.625 χ^2/NDF : 0.0/0

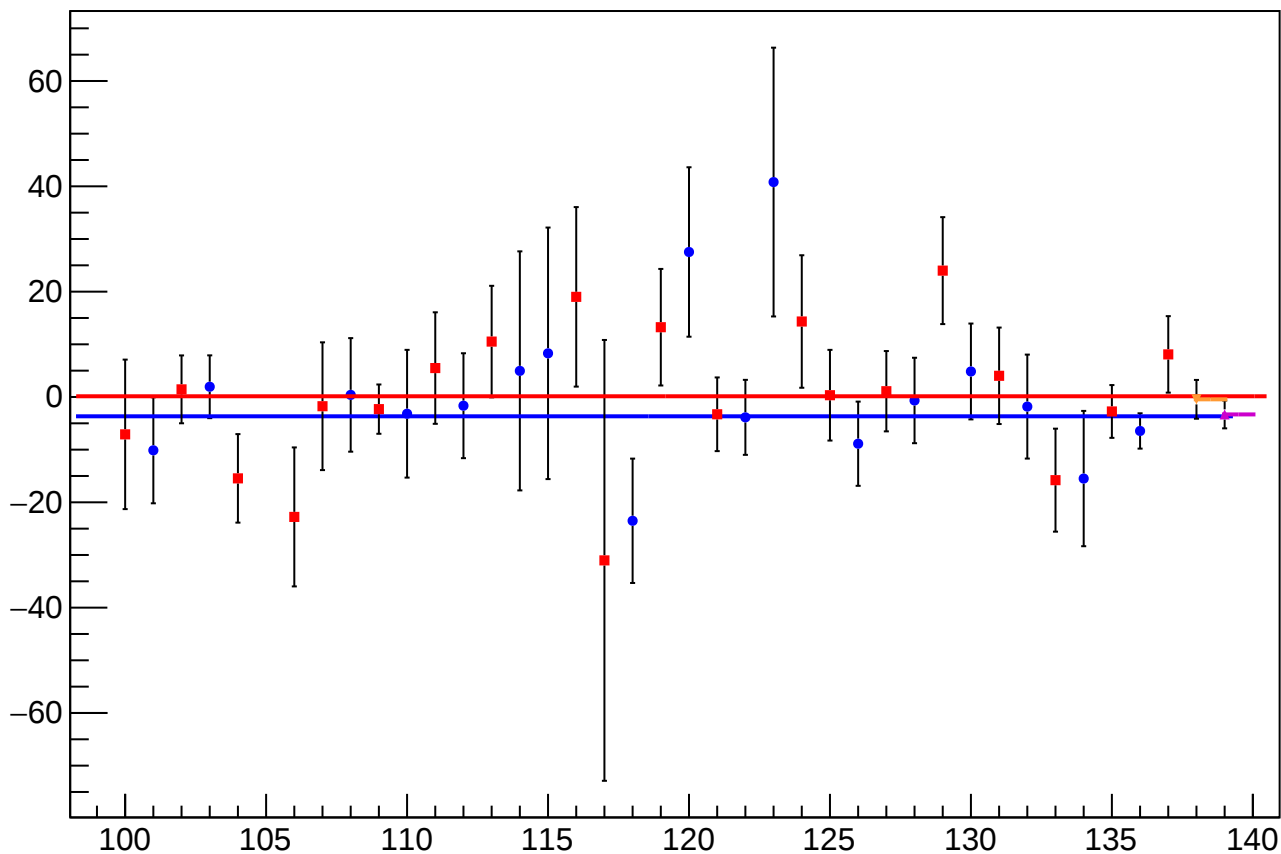
Right Out: 28925.160+/-7.687 χ^2/NDF : 116514.7/19

Left In: 34663.478+/-28.795 χ^2/NDF : 0.0/0

28923.444+/-7.620 χ^2/NDF : 254325.2/17

29306.932+/-7.427 χ^2/NDF : 153584.8/20

diff_bpm12Y_mean vs Slug



Right In: -3.668 ± 2.010 χ^2/NDF : 14.5/16

Left Out: -0.446 ± 3.685 χ^2/NDF : 0.0/0

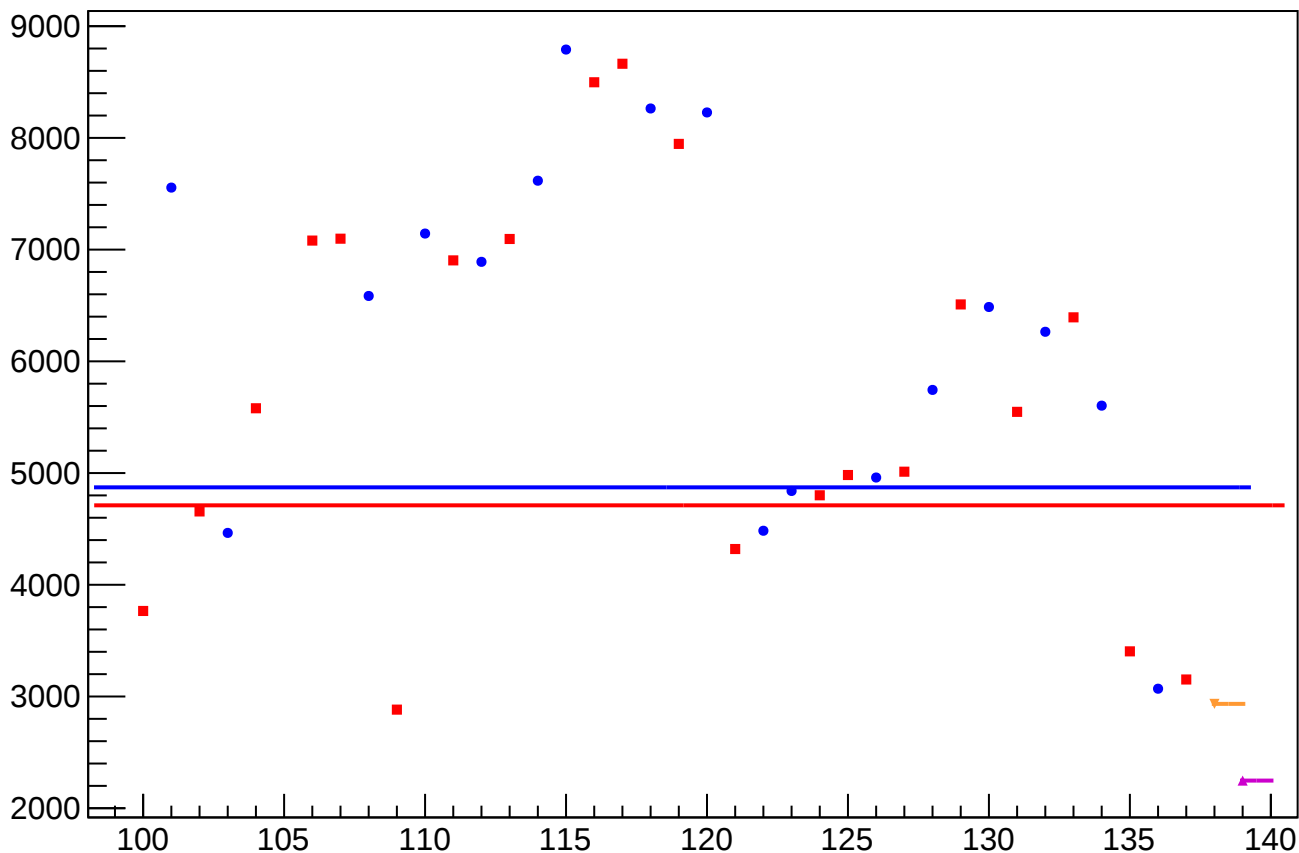
Right Out: 0.135 ± 1.891 χ^2/NDF : 22.9/19

Left In: -3.311 ± 2.646 χ^2/NDF : 0.0/0

-2.929 ± 1.764 χ^2/NDF : 15.1/17

-1.029 ± 1.538 χ^2/NDF : 24.0/20

diff_bpm12Y_rms vs Slug



Right In: 4872.105+/-1.421 χ^2/NDF : 1405253.2/16

Left Out: 2933.990+/-2.605 χ^2/NDF : 0.0/0

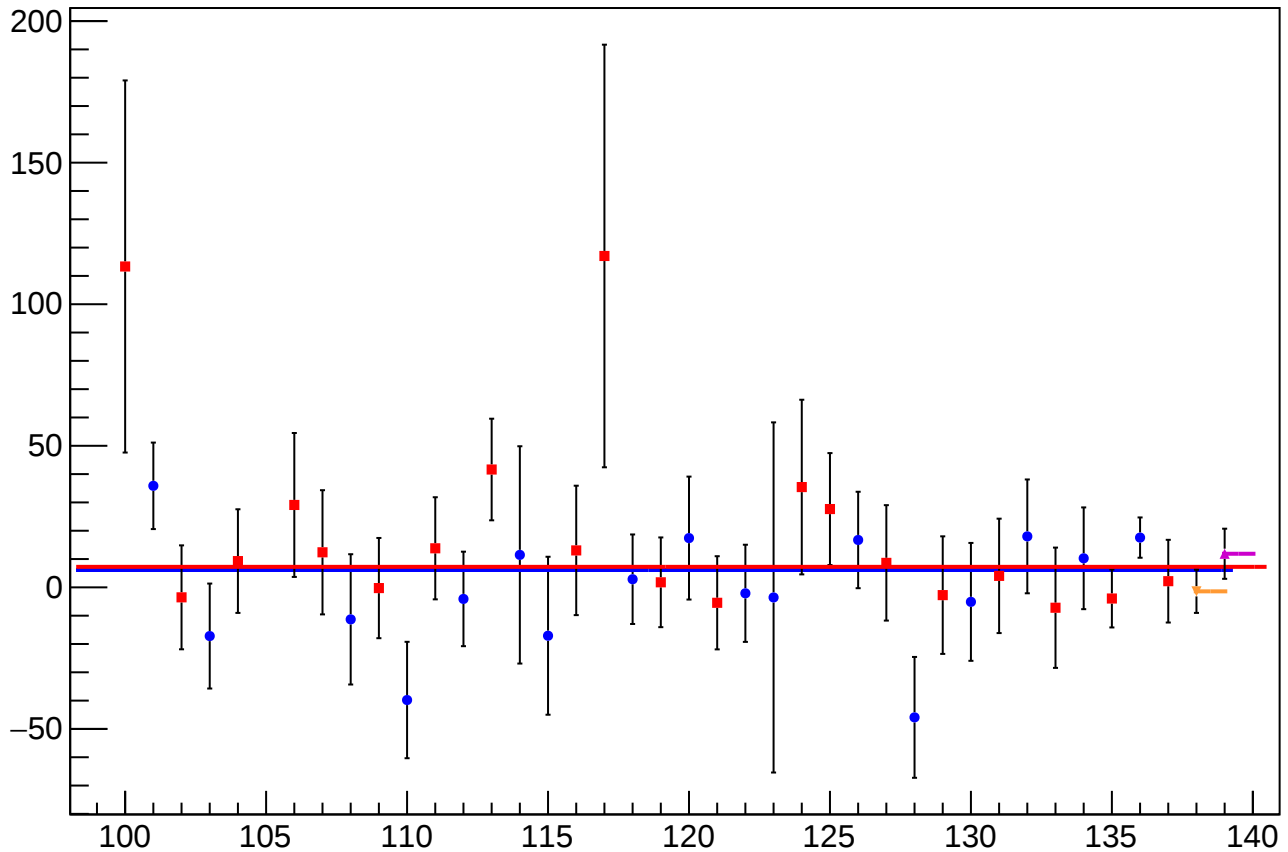
Right Out: 4711.077+/-1.337 χ^2/NDF : 1330595.4/19

Left In: 2247.316+/-1.871 χ^2/NDF : 0.0/0

4427.685+/-1.248 χ^2/NDF : 1831746.0/17

3878.415+/-1.088 χ^2/NDF : 2478305.1/20

diff_bpm16X_mean vs Slug



Right In: 6.133+/-4.080 χ^2/NDF : 22.2/16

Left Out: -1.409+/-7.615 χ^2/NDF : 0.0/0

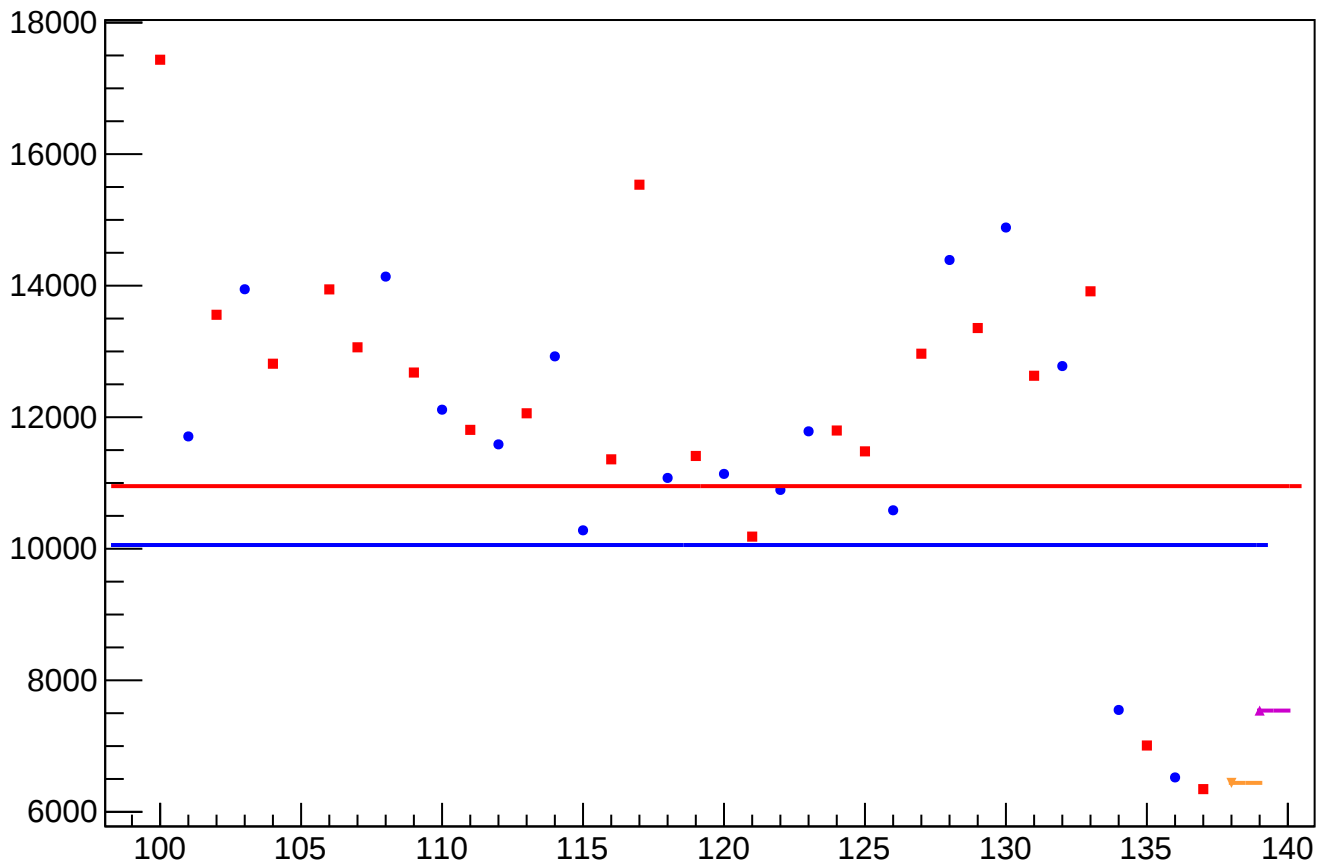
Right Out: 7.243+/-4.218 χ^2/NDF : 14.6/19

Left In: 11.867+/-8.853 χ^2/NDF : 0.0/0

4.450+/-3.596 χ^2/NDF : 23.0/17

8.099+/-3.808 χ^2/NDF : 14.8/20

diff_bpm16X_rms vs Slug



Right In: 10056.991+/-2.885 χ^2/NDF : 1002872.6/16

Left Out: 6440.485+/-5.384 χ^2/NDF : 0.0/0

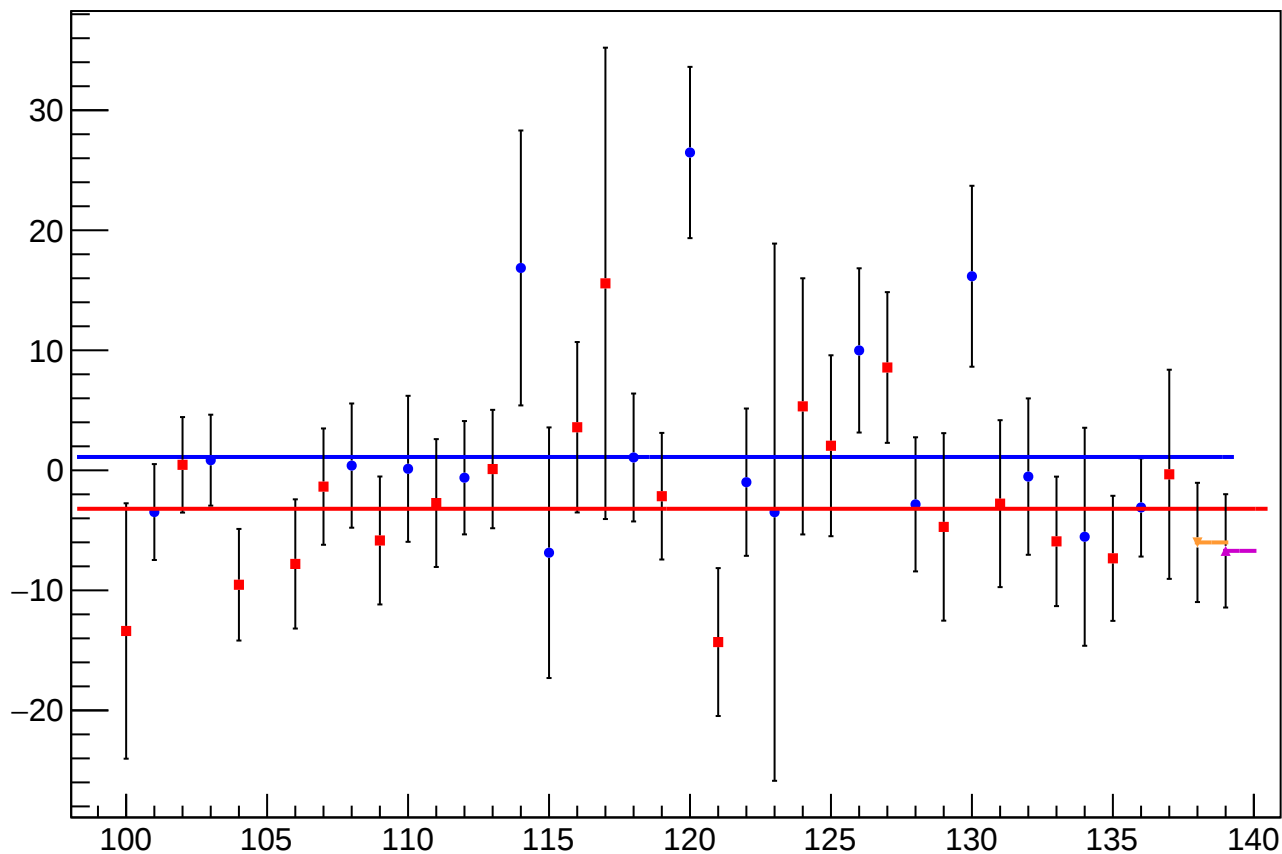
Right Out: 10952.255+/-2.982 χ^2/NDF : 770474.3/19

Left In: 7539.817+/-6.260 χ^2/NDF : 0.0/0

9250.263+/-2.543 χ^2/NDF : 1353369.1/17

10321.057+/-2.692 χ^2/NDF : 1012643.3/20

diff_bpm16Y_mean vs Slug



Right In: 1.112 $\pm$ 1.403 χ^2 /NDF: 24.6/16

Left Out: -6.007 $\pm$ 4.967 χ^2 /NDF: 0.0/0

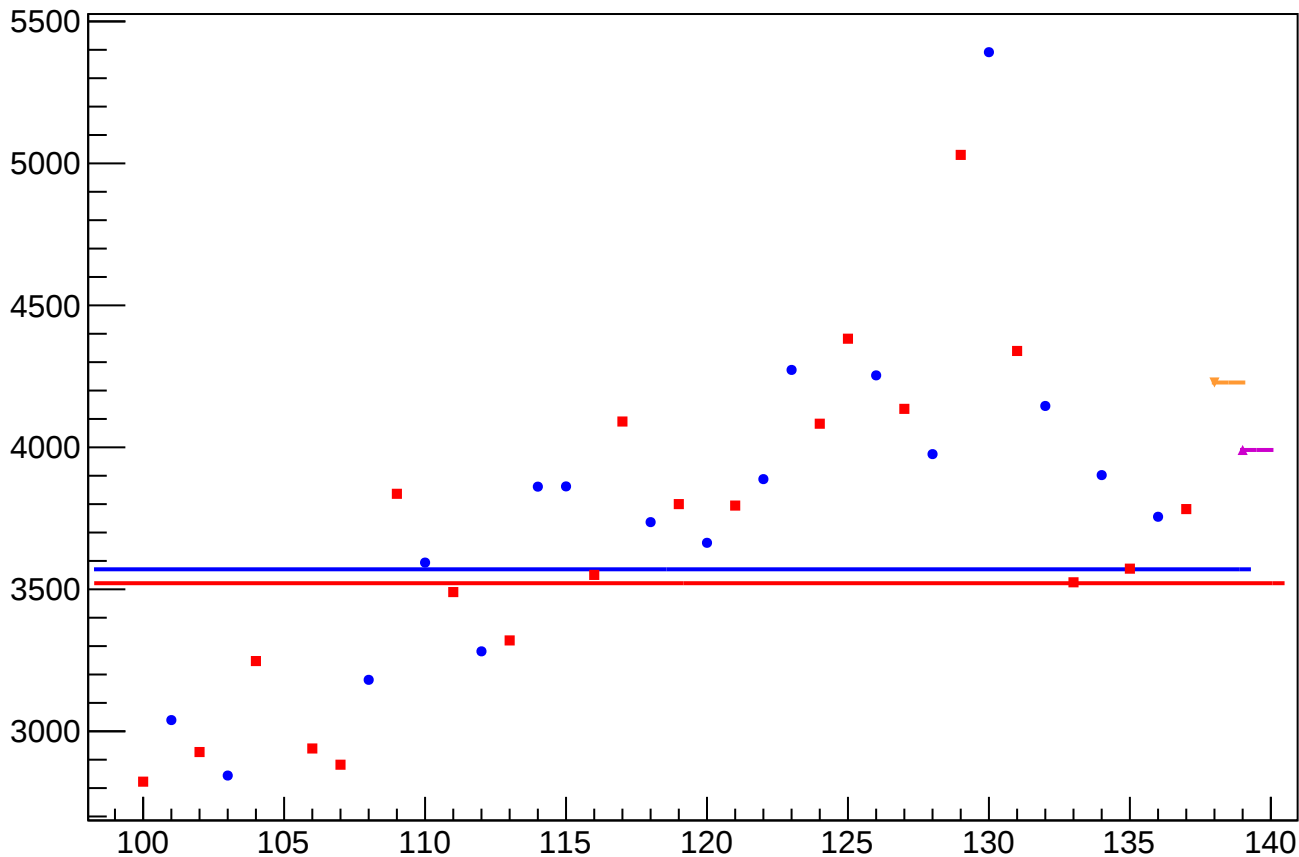
Right Out: -3.204 $\pm$ 1.331 χ^2 /NDF: 16.0/19

Left In: -6.709 $\pm$ 4.721 χ^2 /NDF: 0.0/0

0.586 $\pm$ 1.350 χ^2 /NDF: 26.5/17

-3.462 $\pm$ 1.281 χ^2 /NDF: 16.5/20

diff_bpm16Y_rms vs Slug



Right In: 3570.481+/-0.992 χ^2/NDF : 309699.2/16

Left Out: 4228.357+/-3.512 χ^2/NDF : 0.0/0

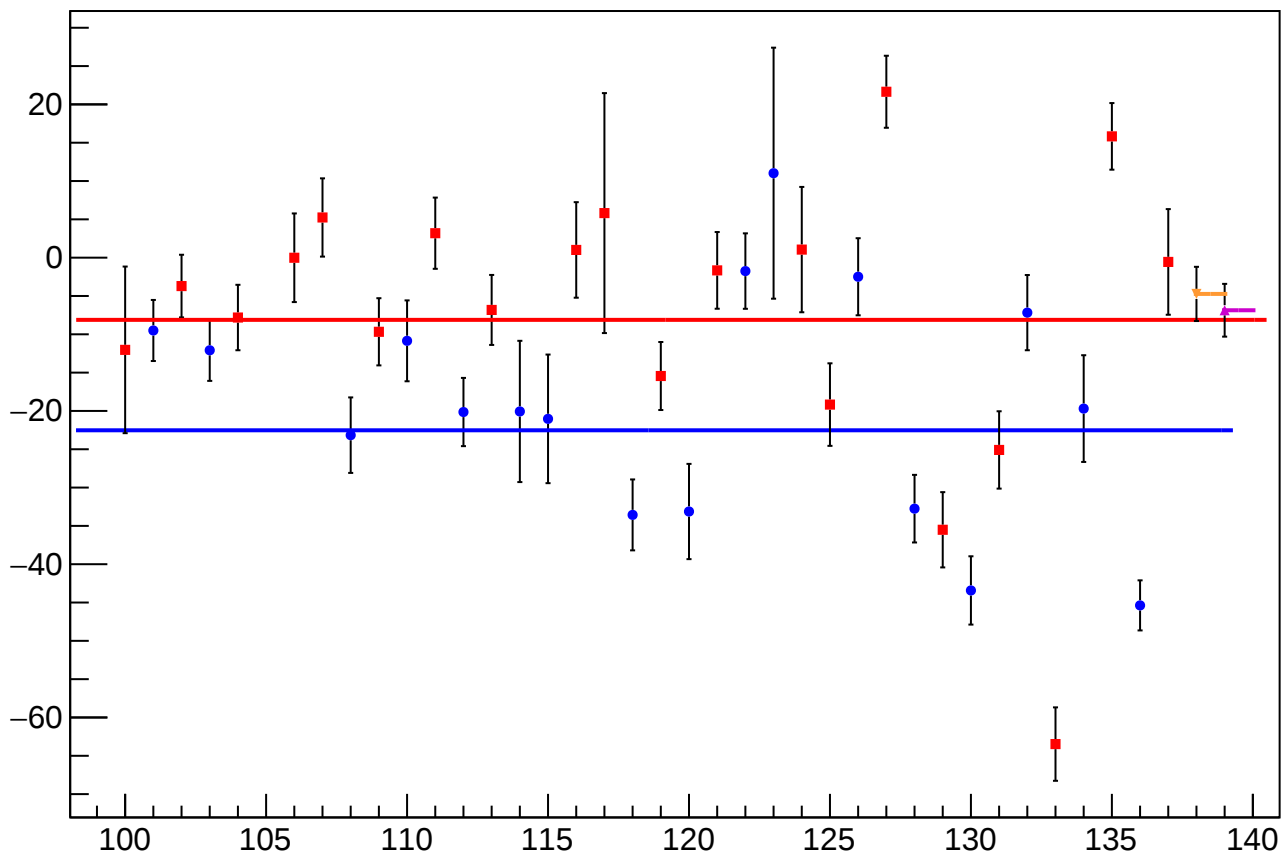
Right Out: 3521.513+/-0.941 χ^2/NDF : 295082.3/19

Left In: 3990.771+/-3.338 χ^2/NDF : 0.0/0

3619.077+/-0.955 χ^2/NDF : 342190.5/17

3556.044+/-0.906 χ^2/NDF : 313388.0/20

diff_bpm0l01X_mean vs Slug



Right In: -22.526 ± 1.201 $\chi^2/\text{NDF}: 155.5/16$

Left Out: -4.731 ± 3.537 $\chi^2/\text{NDF}: 0.0/0$

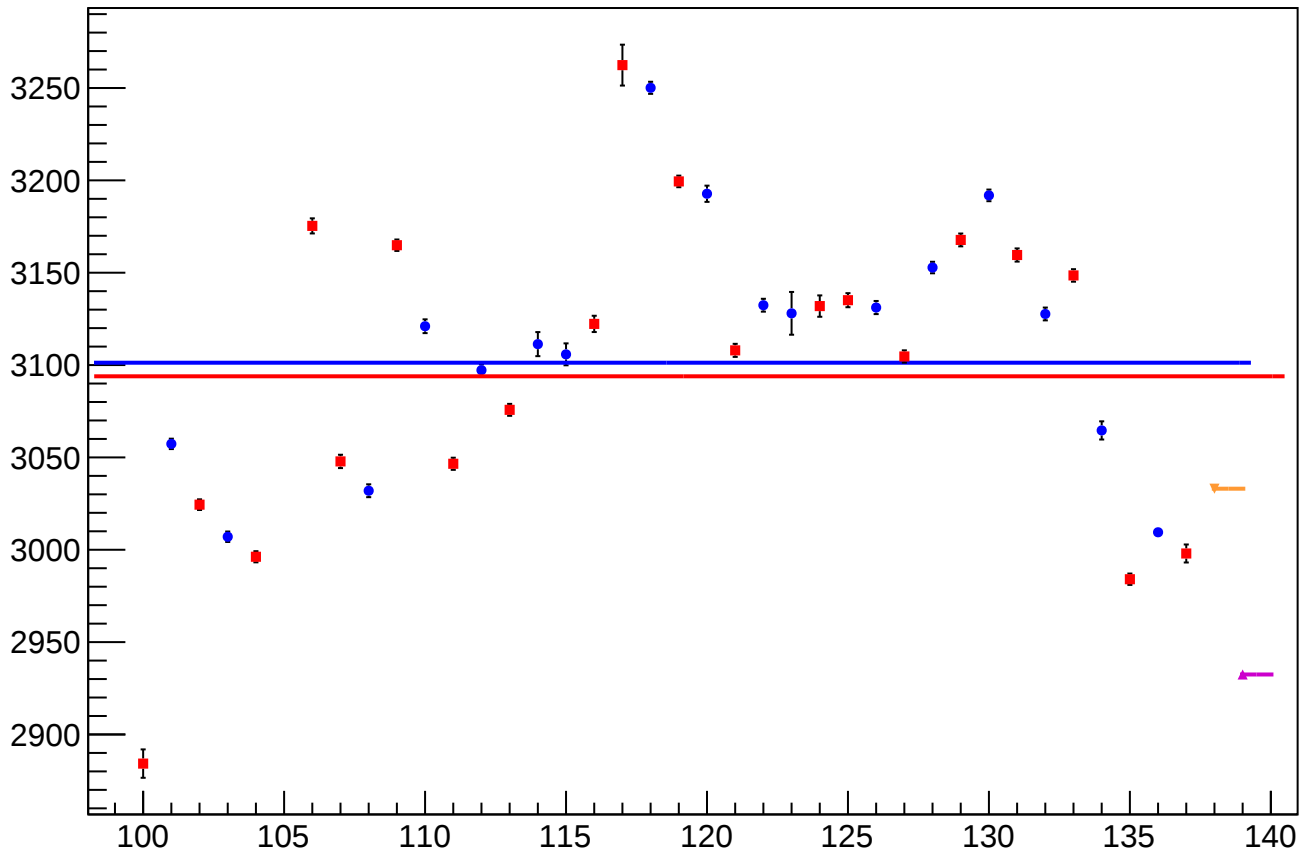
Right Out: -8.116 ± 1.154 $\chi^2/\text{NDF}: 276.6/19$

Left In: -6.862 ± 3.443 $\chi^2/\text{NDF}: 0.0/0$

-20.688 ± 1.137 $\chi^2/\text{NDF}: 178.2/17$

-7.989 ± 1.094 $\chi^2/\text{NDF}: 276.8/20$

diff_bpm0l01X_rms vs Slug



Right In: 3101.270+/-0.849 χ^2/NDF : 7233.8/16

Left Out: 3033.062+/-2.501 χ^2/NDF : 0.0/0

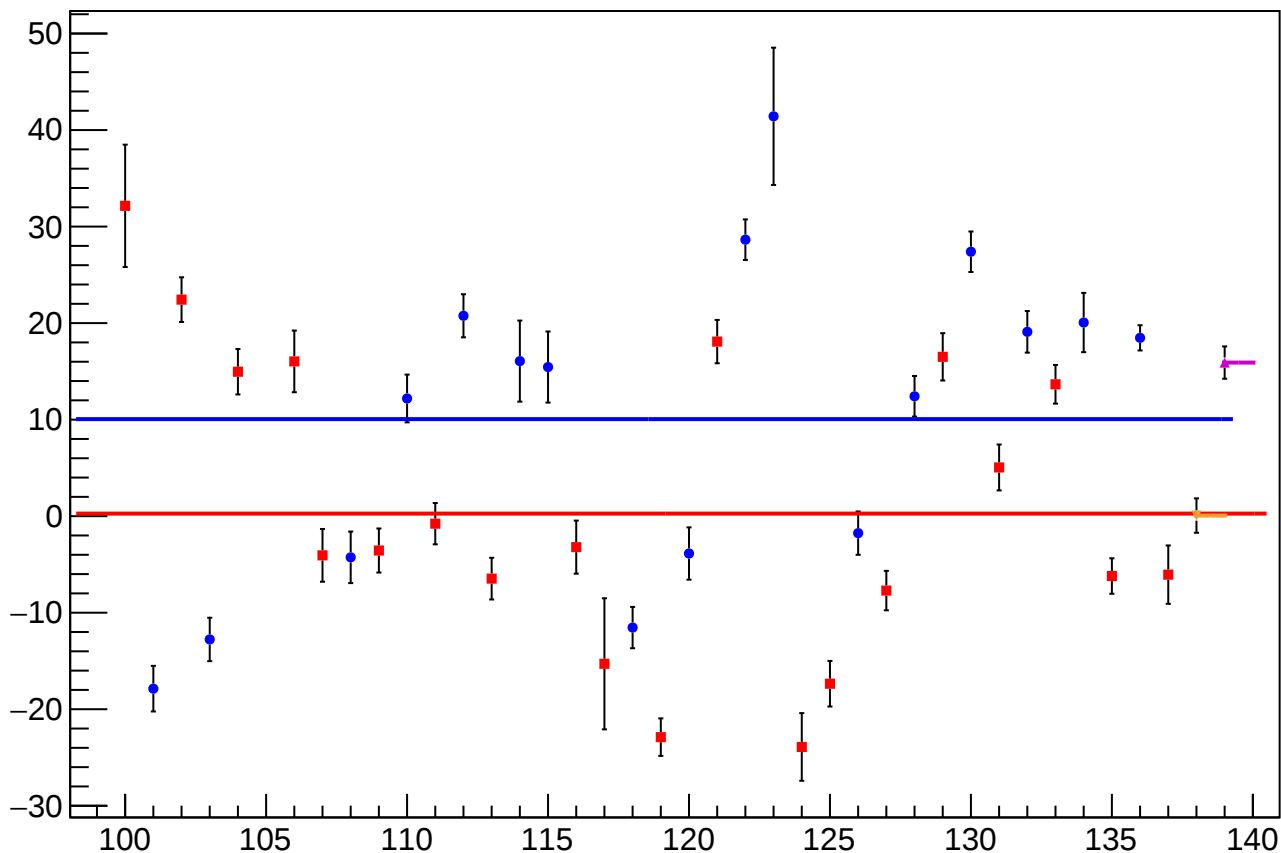
Right Out: 3093.913+/-0.816 χ^2/NDF : 7998.9/19

Left In: 2932.472+/-2.434 χ^2/NDF : 0.0/0

3094.224+/-0.804 χ^2/NDF : 7900.7/17

3077.614+/-0.774 χ^2/NDF : 11952.5/20

diff_bpm0l01Y_mean vs Slug



Right In: 10.055 $\pm$ 0.562 χ^2 /NDF: 692.2/16

Left Out: 0.062 $\pm$ 1.783 χ^2 /NDF: 0.0/0

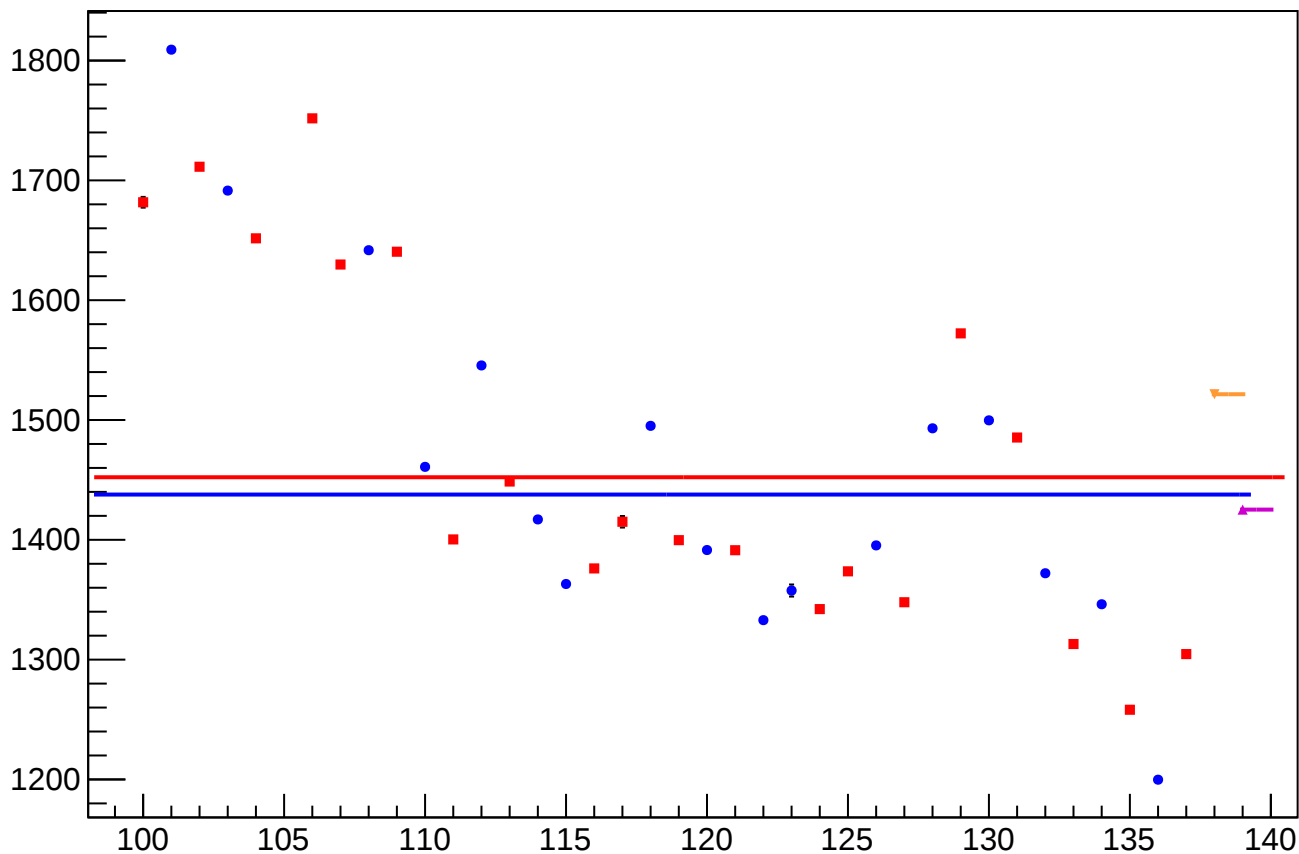
Right Out: 0.266 $\pm$ 0.545 χ^2 /NDF: 635.1/19

Left In: 15.912 $\pm$ 1.674 χ^2 /NDF: 0.0/0

9.154 $\pm$ 0.536 χ^2 /NDF: 720.8/17

1.766 $\pm$ 0.518 χ^2 /NDF: 714.1/20

diff_bpm0l01Y_rms vs Slug



Right In: 1437.776+/-0.397 χ^2/NDF : 173216.2/16

Left Out: 1521.504+/-1.261 χ^2/NDF : 0.0/0

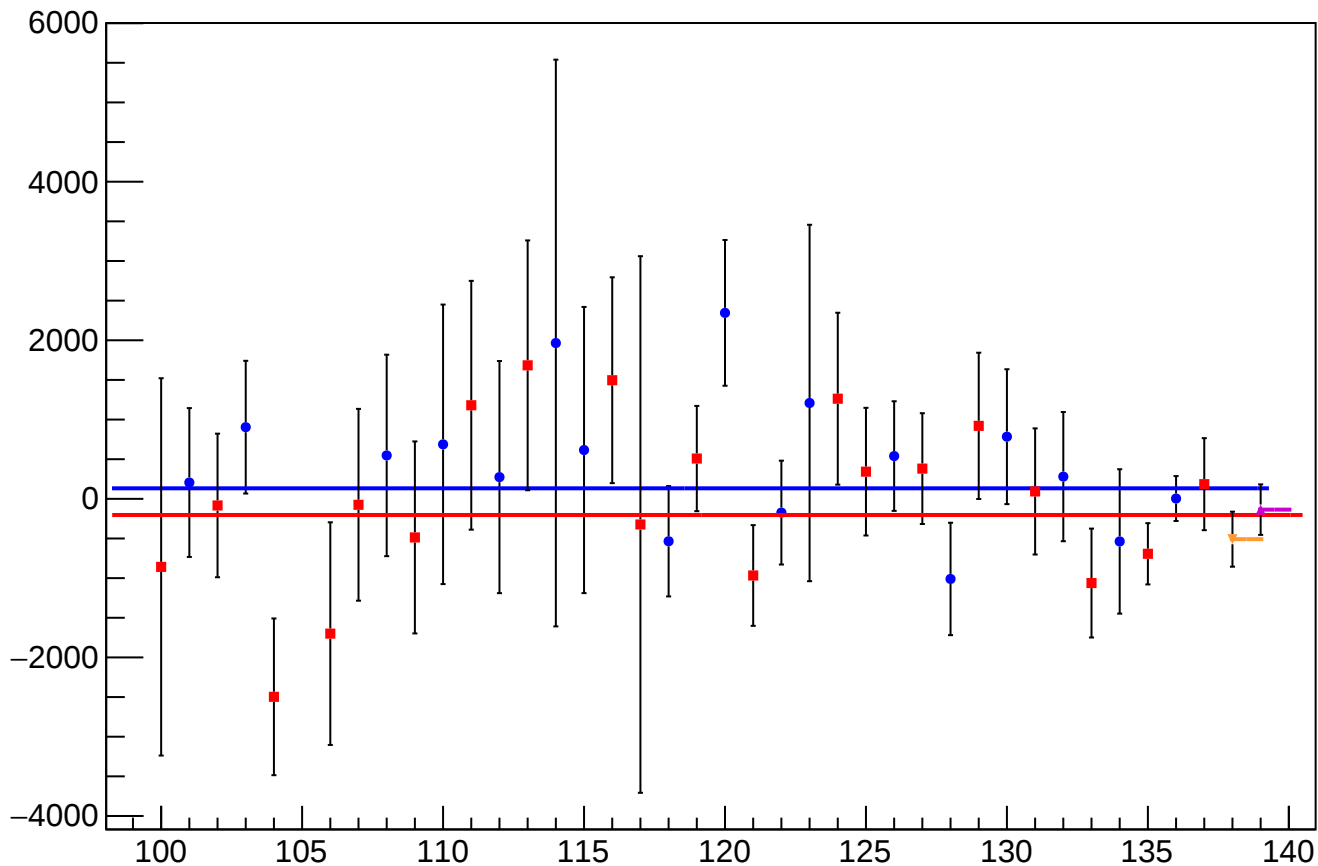
Right Out: 1452.227+/-0.386 χ^2/NDF : 138666.1/19

Left In: 1425.218+/-1.184 χ^2/NDF : 0.0/0

1445.331+/-0.379 χ^2/NDF : 177226.4/17

1449.638+/-0.367 χ^2/NDF : 139136.5/20

asym_sam1_mean vs Slug



Right In: 132.921 $\pm$ 180.271 χ^2 /NDF: 12.9/16

Left Out: -508.718 $\pm$ 346.932 χ^2 /NDF: 0.0/0

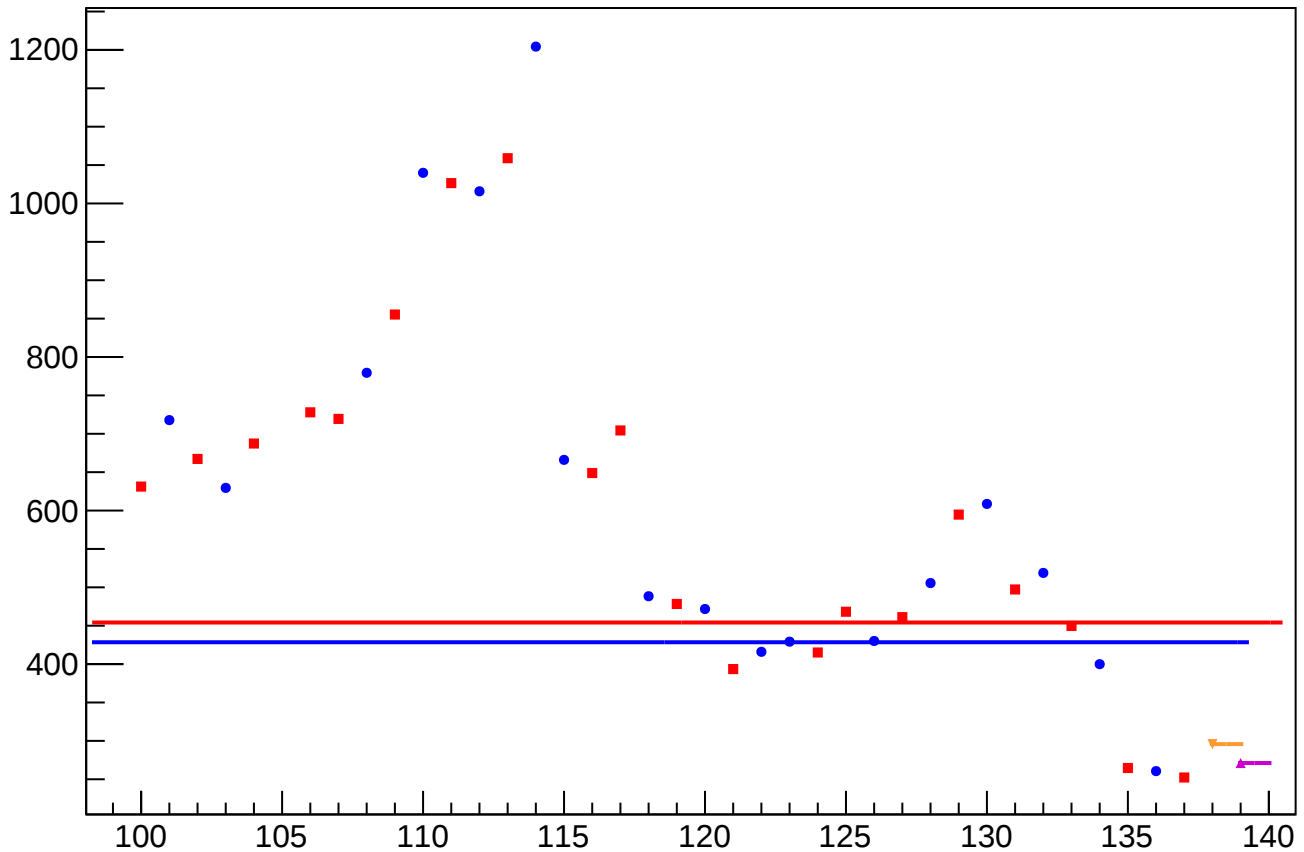
Right Out: -203.418 $\pm$ 184.080 χ^2 /NDF: 21.4/19

Left In: -135.994 $\pm$ 318.509 χ^2 /NDF: 0.0/0

-3.489 $\pm$ 159.965 χ^2 /NDF: 15.6/17

-186.536 $\pm$ 159.377 χ^2 /NDF: 21.5/20

asym_sam1_rms vs Slug



Right In: 428.460 $\pm$ 0.127 χ^2 /NDF: 2011453.8/16

Left Out: 295.770 $\pm$ 0.245 χ^2 /NDF: 0.0/0

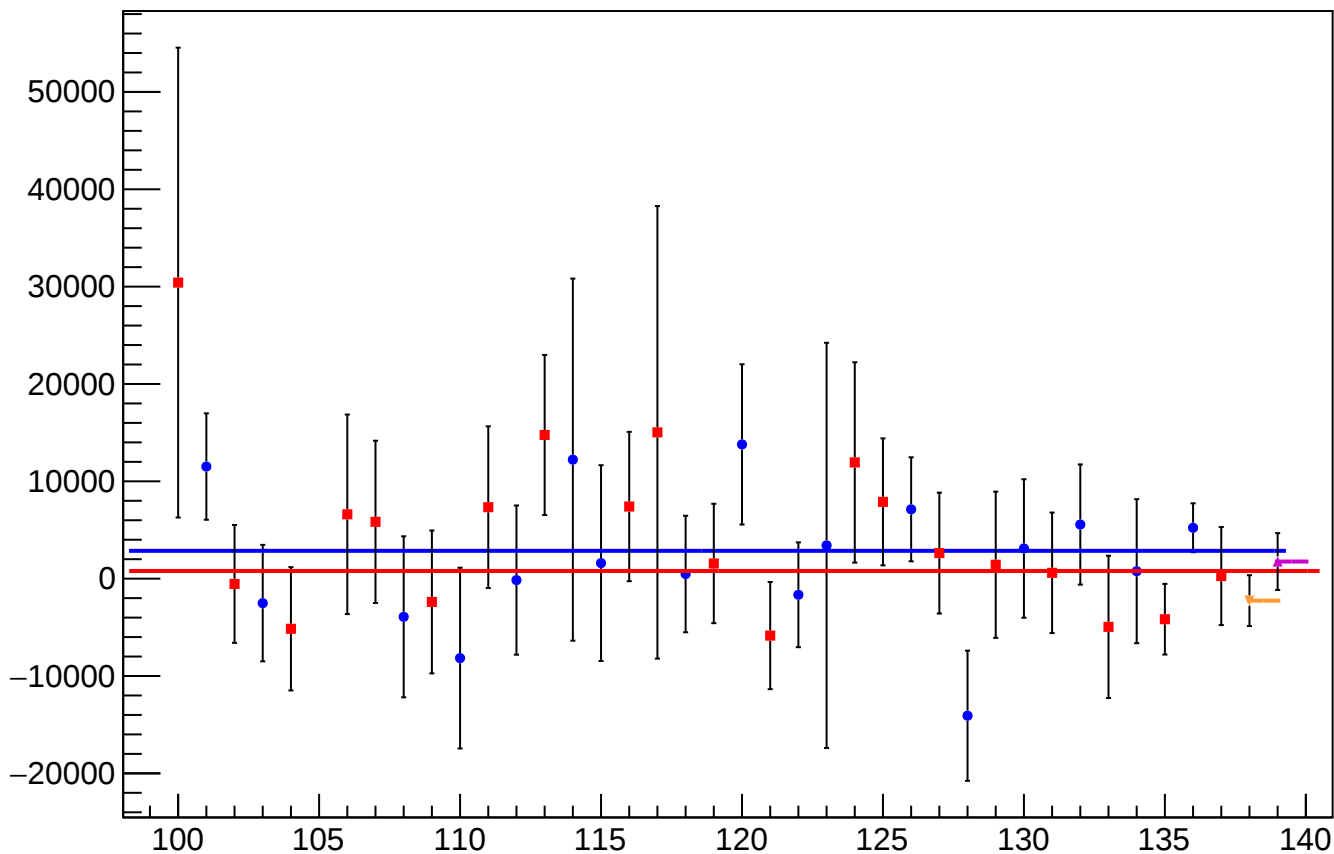
400.251 $\pm$ 0.113 χ^2 /NDF: 2241817.2/17

Right Out: 454.177 $\pm$ 0.130 χ^2 /NDF: 2040775.1/19

Left In: 271.181 $\pm$ 0.225 χ^2 /NDF: 0.0/0

408.358 $\pm$ 0.113 χ^2 /NDF: 2535668.5/20

asym_sam2_mean vs Slug



Right In: 2859.622 $\pm$ 1447.884 χ^2 /NDF: 16.7/16

Left Out: -2256.836 $\pm$ 2612.454 χ^2 /NDF: 0.0/0

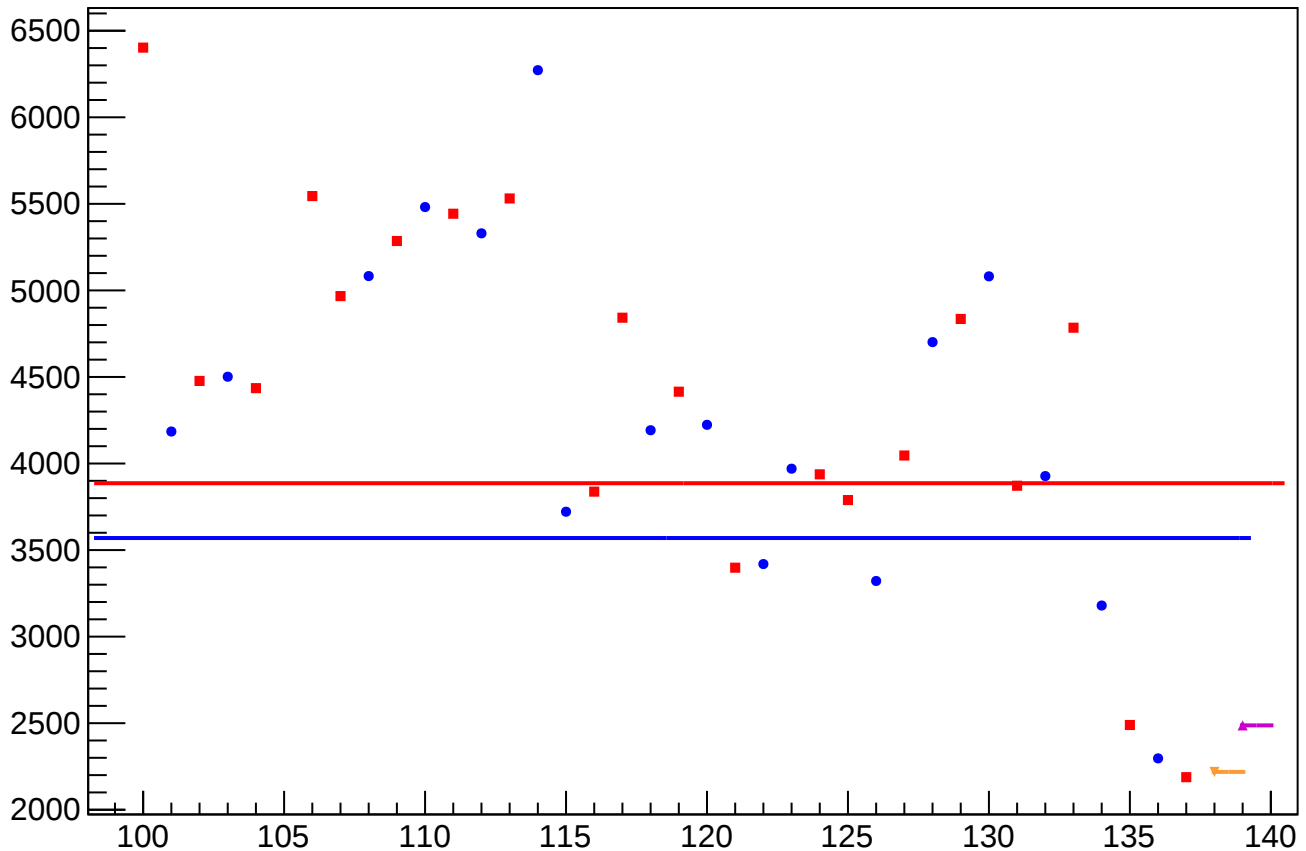
Right Out: 789.608 $\pm$ 1506.053 χ^2 /NDF: 14.4/19

Left In: 1759.597 $\pm$ 2919.794 χ^2 /NDF: 0.0/0

1657.331 $\pm$ 1266.393 χ^2 /NDF: 19.6/17

993.448 $\pm$ 1338.485 χ^2 /NDF: 14.4/20

asym_sam2_rms vs Slug



Right In: 3569.631+/-1.024 χ^2/NDF : 1087935.4/16

Left Out: 2218.573+/-1.847 χ^2/NDF : 0.0/0

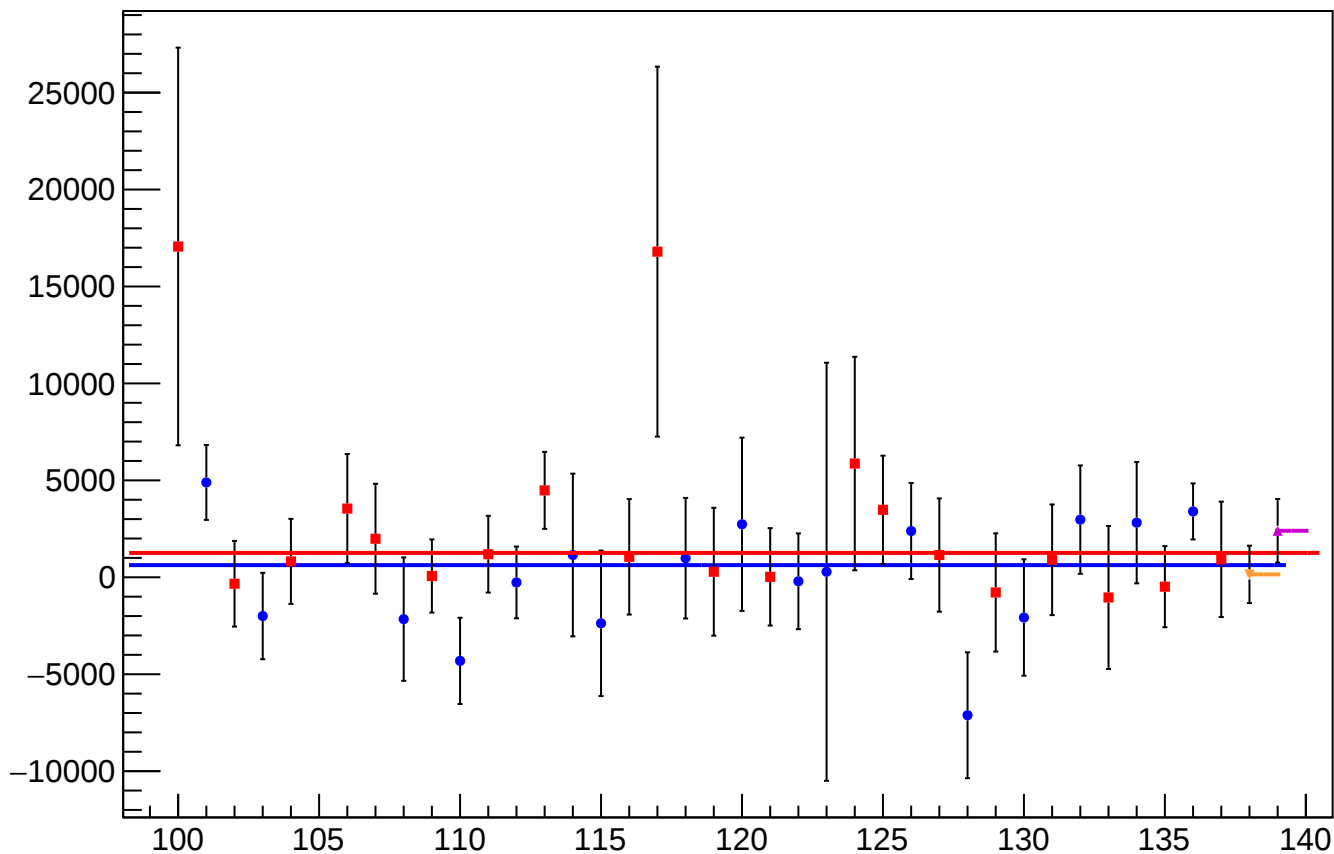
3252.153+/-0.895 χ^2/NDF : 1497150.0/17

Right Out: 3886.199+/-1.065 χ^2/NDF : 986485.7/19

3592.217+/-0.946 χ^2/NDF : 1349120.6/20

Left In: 2487.260+/-2.065 χ^2/NDF : 0.0/0

asym_sam3_mean vs Slug



Right In: 627.655+/-620.929 χ^2/NDF : 25.1/16

Left Out: 149.994+/-1479.925 χ^2/NDF : 0.0/0

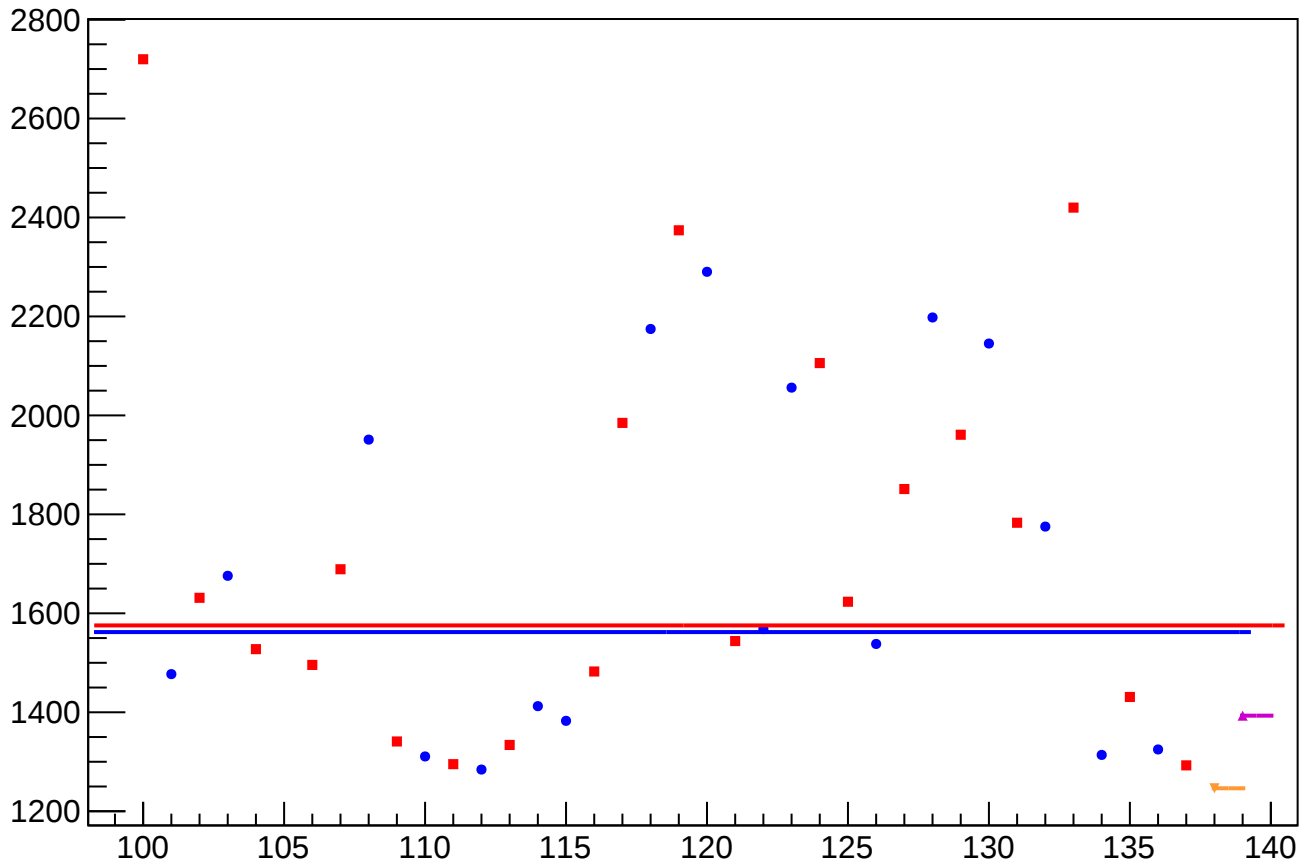
Right Out: 1257.467+/-601.857 χ^2/NDF : 12.6/19

Left In: 2398.426+/-1640.725 χ^2/NDF : 0.0/0

556.155+/-572.574 χ^2/NDF : 25.2/17

1392.785+/-565.040 χ^2/NDF : 13.0/20

asym_sam3_rms vs Slug



Right In: 1562.101+/-0.439 χ^2/NDF : 482088.3/16

Left Out: 1246.406+/-1.046 χ^2/NDF : 0.0/0

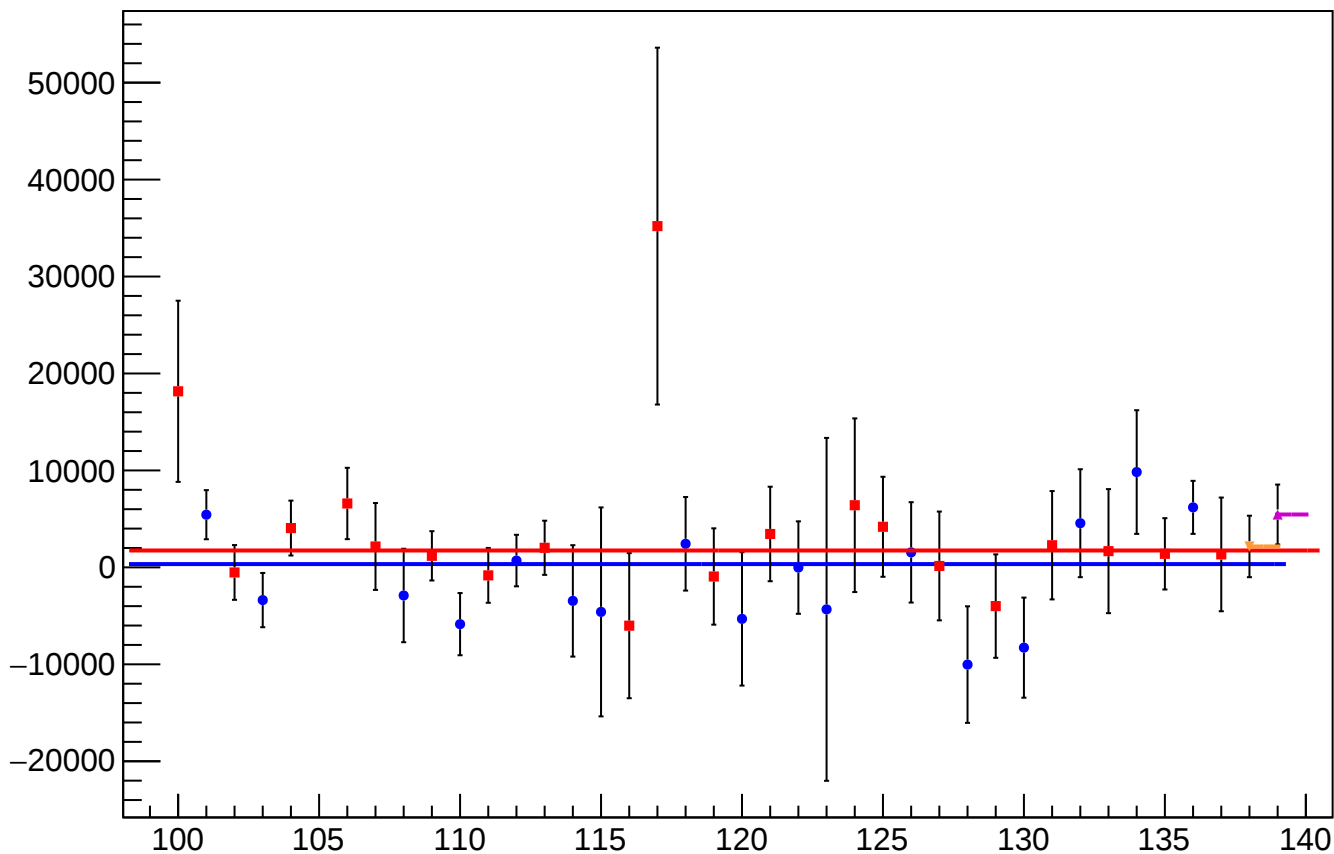
Right Out: 1575.541+/-0.426 χ^2/NDF : 467687.2/19

Left In: 1393.183+/-1.160 χ^2/NDF : 0.0/0

1514.846+/-0.405 χ^2/NDF : 559475.1/17

1553.913+/-0.400 χ^2/NDF : 489463.5/20

asym_sam4_mean vs Slug



Right In: 338.117+/-995.842 χ^2/NDF : 24.8/16

Left Out: 2158.430+/-3170.303 χ^2/NDF : 0.0/0

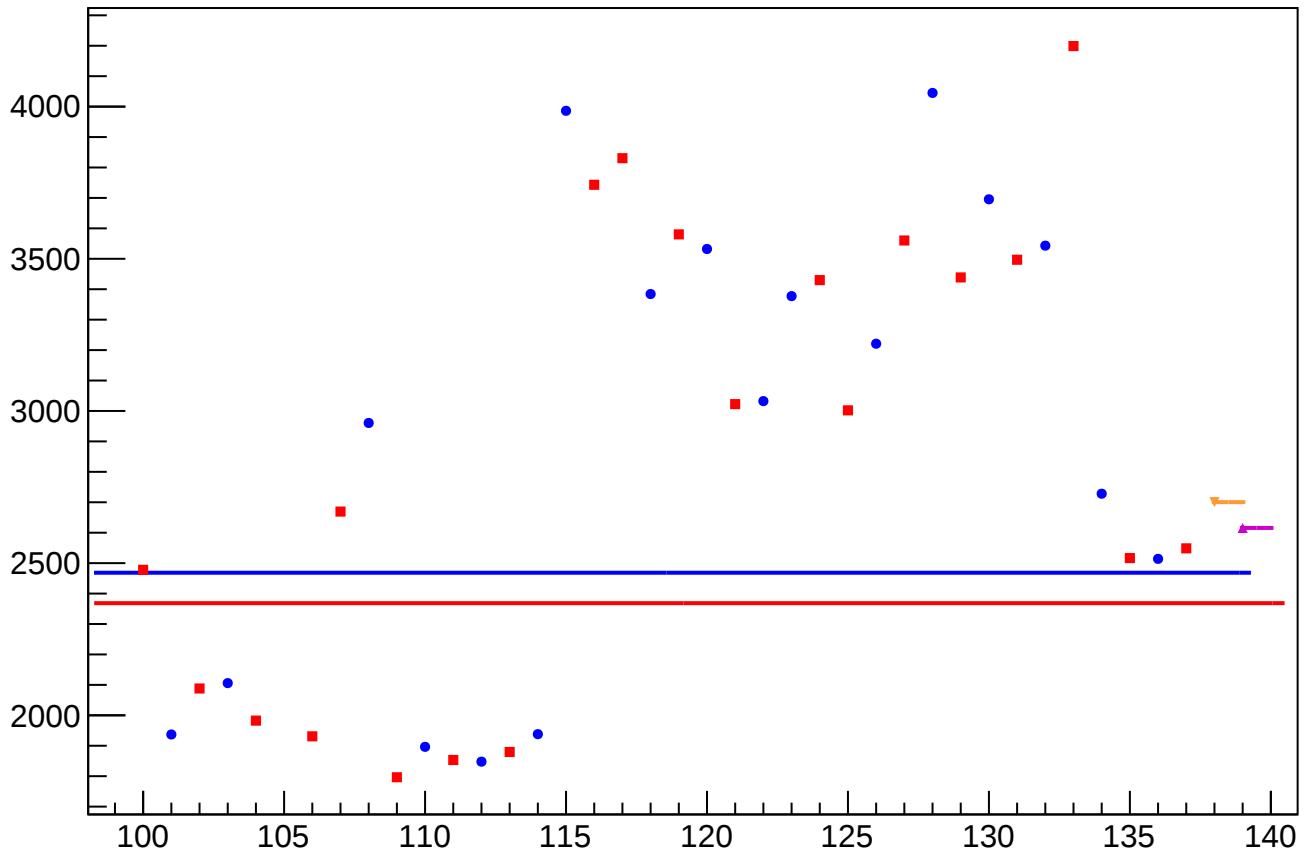
Right Out: 1742.470+/-923.289 χ^2/NDF : 13.6/19

Left In: 5453.716+/-3087.886 χ^2/NDF : 0.0/0

501.595+/-950.073 χ^2/NDF : 25.1/17

2047.038+/-884.593 χ^2/NDF : 14.9/20

asym_sam4_rms vs Slug



Right In: 2468.489 ± 0.704 $\chi^2/\text{NDF}: 896153.6/16$

Left Out: 2700.423 ± 2.242 $\chi^2/\text{NDF}: 0.0/0$

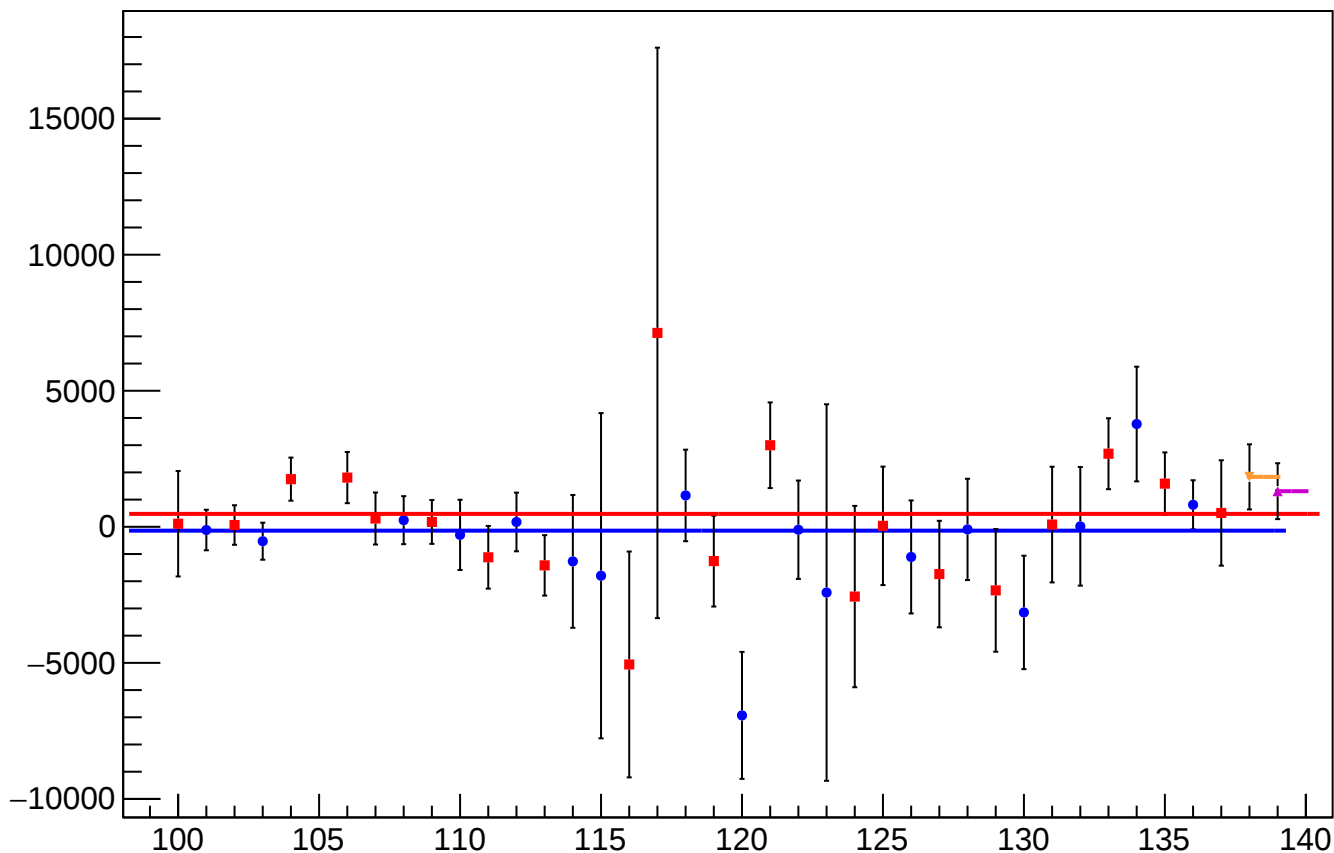
2489.318 ± 0.672 $\chi^2/\text{NDF}: 905896.6/17$

Right Out: 2368.521 ± 0.653 $\chi^2/\text{NDF}: 1037811.8/19$

2388.804 ± 0.626 $\chi^2/\text{NDF}: 1049572.6/20$

Left In: 2615.670 ± 2.183 $\chi^2/\text{NDF}: 0.0/0$

asym_sam5_mean vs Slug



Right In: -141.213+/-313.319 χ^2/NDF : 16.9/16

Left Out: 1834.626+/-1196.127 χ^2/NDF : 0.0/0

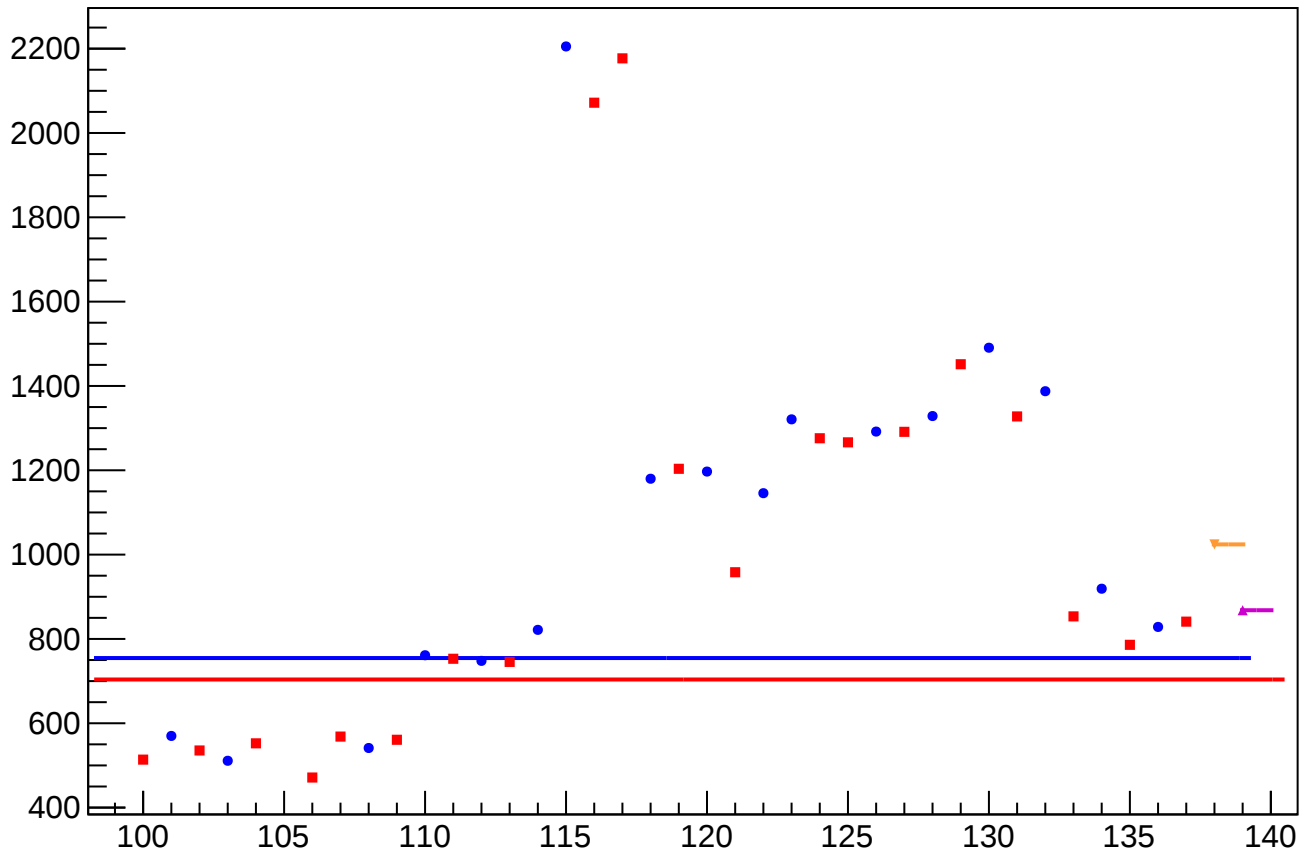
Right Out: 474.987+/-282.789 χ^2/NDF : 23.3/19

Left In: 1309.486+/-1026.824 χ^2/NDF : 0.0/0

-14.346+/-303.093 χ^2/NDF : 19.5/17

533.819+/-272.639 χ^2/NDF : 23.9/20

asym_sam5_rms vs Slug



Right In: 754.684 $\pm$ 0.222 χ^2 /NDF: 1690621.2/16

Left Out: 1024.234 $\pm$ 0.846 χ^2 /NDF: 0.0/0

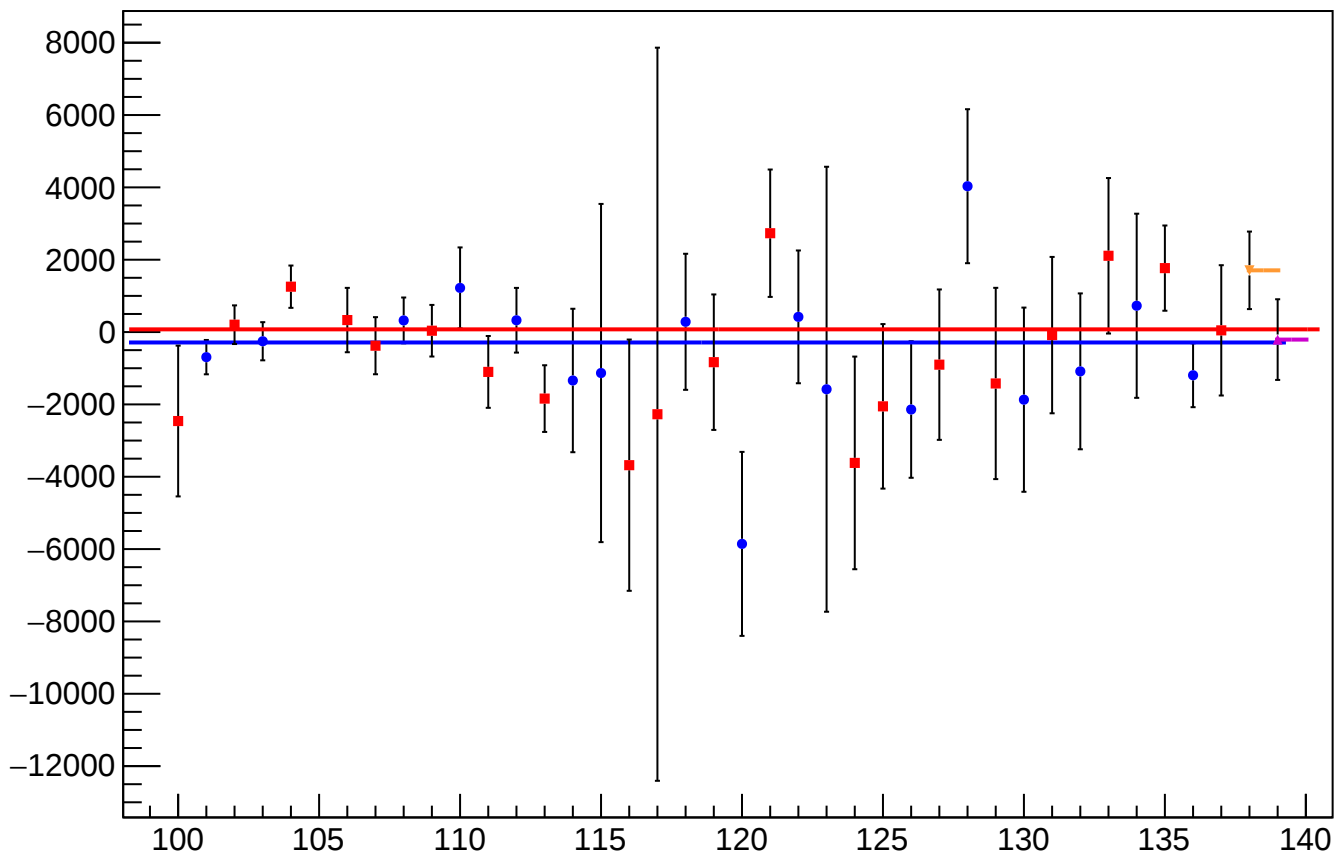
Right Out: 703.794 $\pm$ 0.200 χ^2 /NDF: 1731134.6/19

Left In: 868.074 $\pm$ 0.726 χ^2 /NDF: 0.0/0

771.991 $\pm$ 0.214 χ^2 /NDF: 1785667.2/17

715.376 $\pm$ 0.193 χ^2 /NDF: 1778718.0/20

asym_sam6_mean vs Slug



Right In: -288.037+/-250.436 χ^2/NDF : 16.2/16

Left Out: 1706.383+/-1071.778 χ^2/NDF : 0.0/0

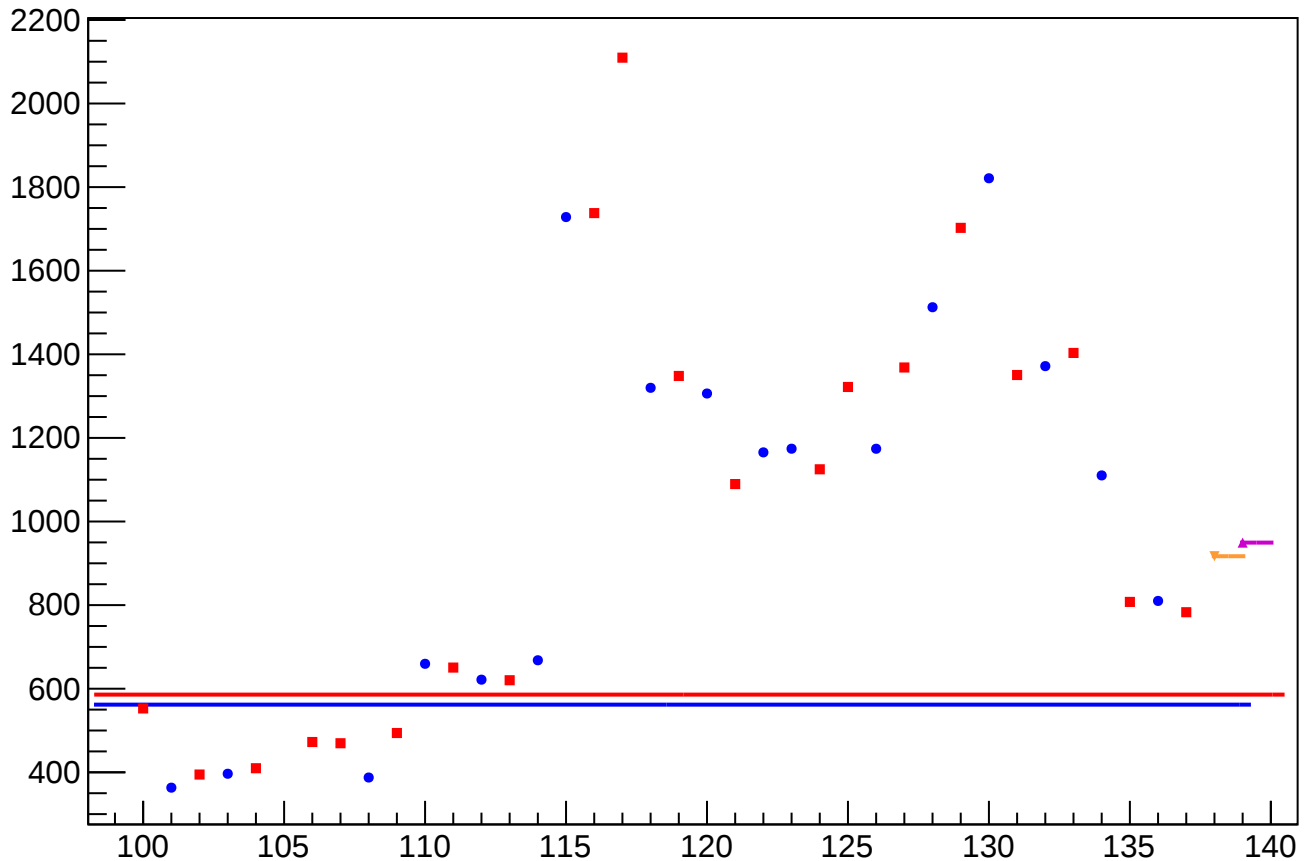
Right Out: 74.735+/-246.011 χ^2/NDF : 21.4/19

Left In: -208.135+/-1115.070 χ^2/NDF : 0.0/0

-184.782+/-243.867 χ^2/NDF : 19.4/17

61.605+/-240.233 χ^2/NDF : 21.5/20

asym_sam6_rms vs Slug



Right In: 561.894+/-0.177 χ^2/NDF : 3216651.3/16

Left Out: 916.949+/-0.758 χ^2/NDF : 0.0/0

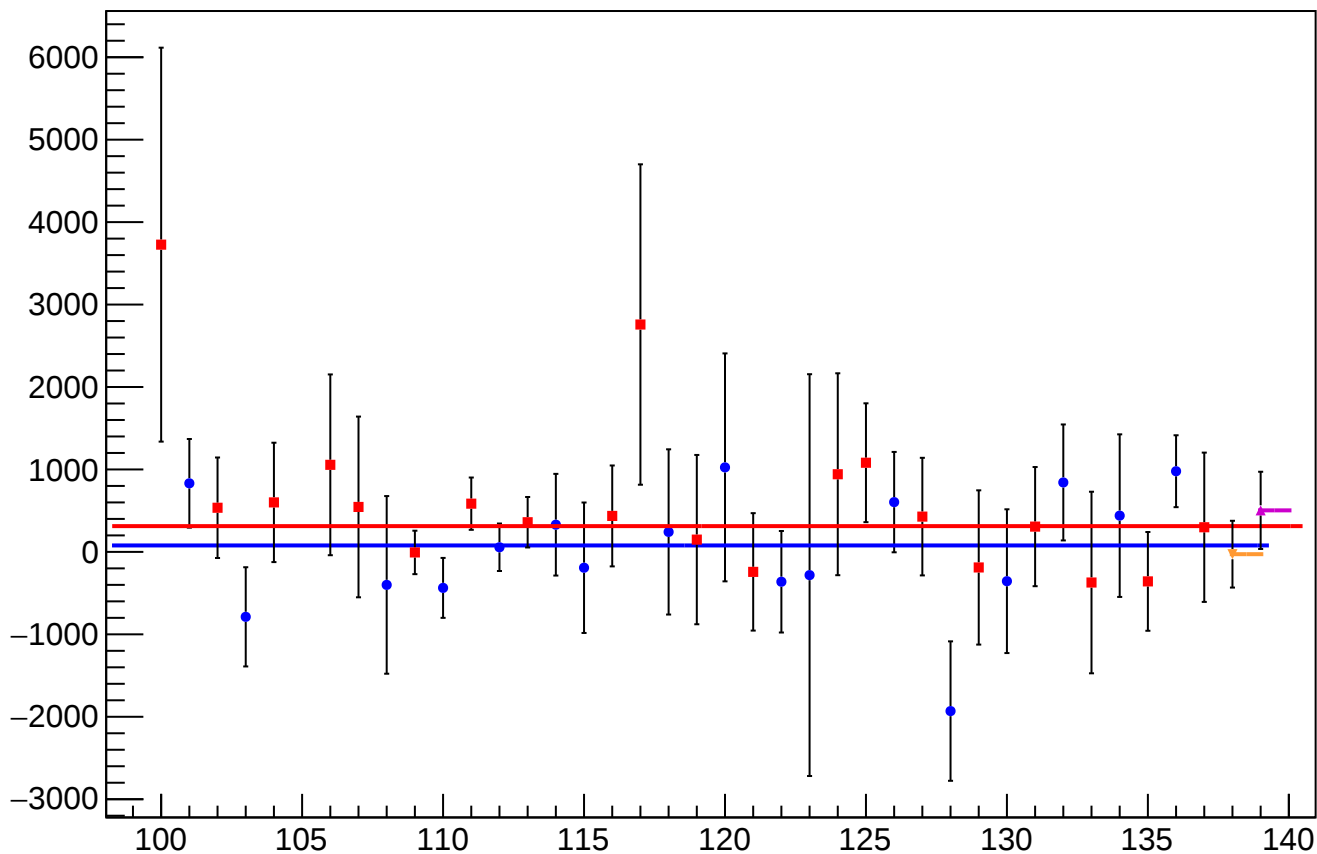
580.276+/-0.172 χ^2/NDF : 3424777.3/17

Right Out: 585.891+/-0.174 χ^2/NDF : 2869692.7/19

602.770+/-0.170 χ^2/NDF : 3072517.5/20

Left In: 949.528+/-0.788 χ^2/NDF : 0.0/0

asym_sam7_mean vs Slug



Right In: 78.184+/-142.869 χ^2/NDF : 19.8/16

Left Out: -27.745+/-405.009 χ^2/NDF : 0.0/0

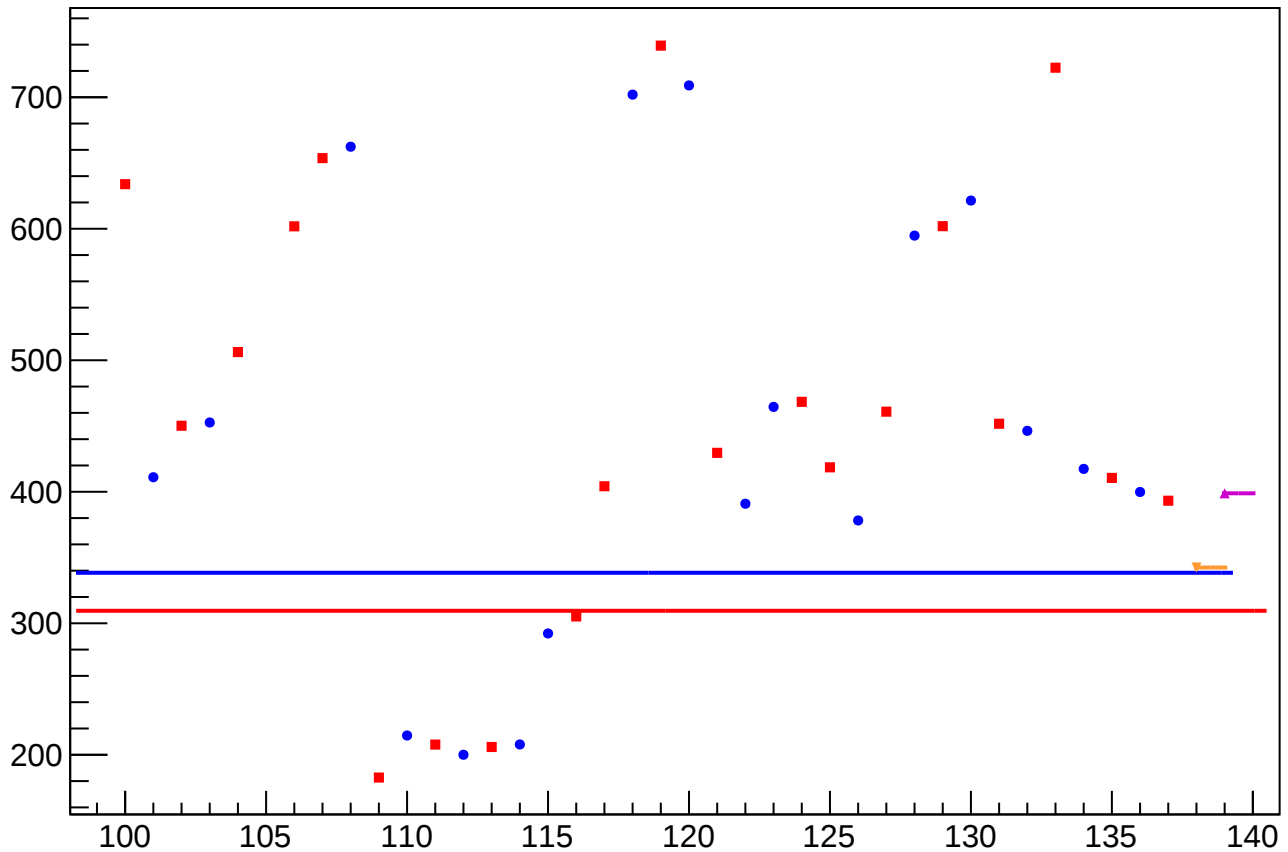
Right Out: 312.536+/-129.362 χ^2/NDF : 10.7/19

Left In: 503.714+/-468.328 χ^2/NDF : 0.0/0

66.461+/-134.732 χ^2/NDF : 19.8/17

326.088+/-124.693 χ^2/NDF : 10.8/20

asym_sam7_rms vs Slug



Right In: 338.408+/-0.101 χ^2/NDF : 2009287.1/16

Left Out: 342.411+/-0.286 χ^2/NDF : 0.0/0

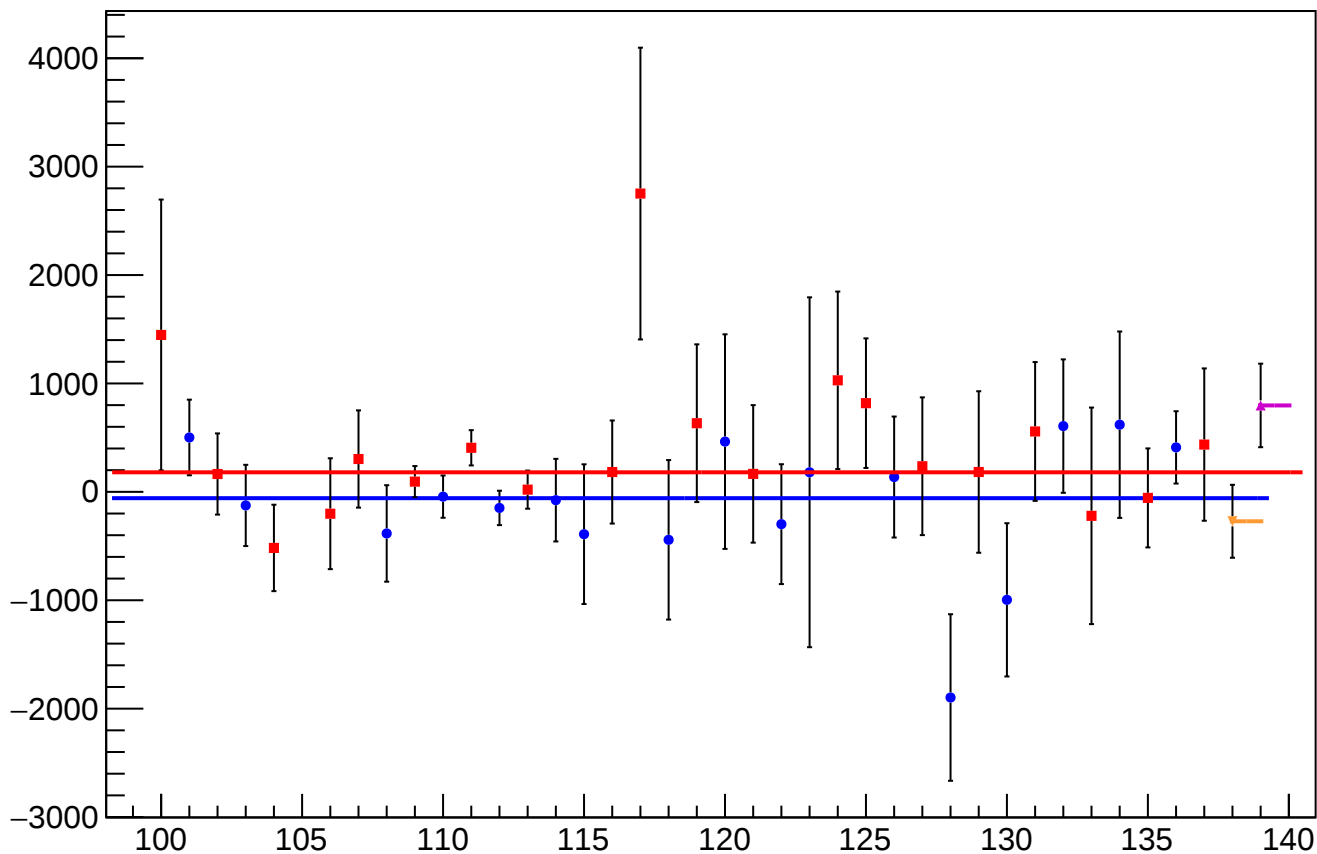
Right Out: 309.503+/-0.091 χ^2/NDF : 2738236.3/19

Left In: 398.839+/-0.331 χ^2/NDF : 0.0/0

338.851+/-0.095 χ^2/NDF : 2009460.8/17

315.836+/-0.088 χ^2/NDF : 2805852.9/20

asym_sam8_mean vs Slug



Right In: -58.299 ± 90.484 $\chi^2/\text{NDF}: 15.9/16$

Left Out: -271.502 ± 336.444 $\chi^2/\text{NDF}: 0.0/0$

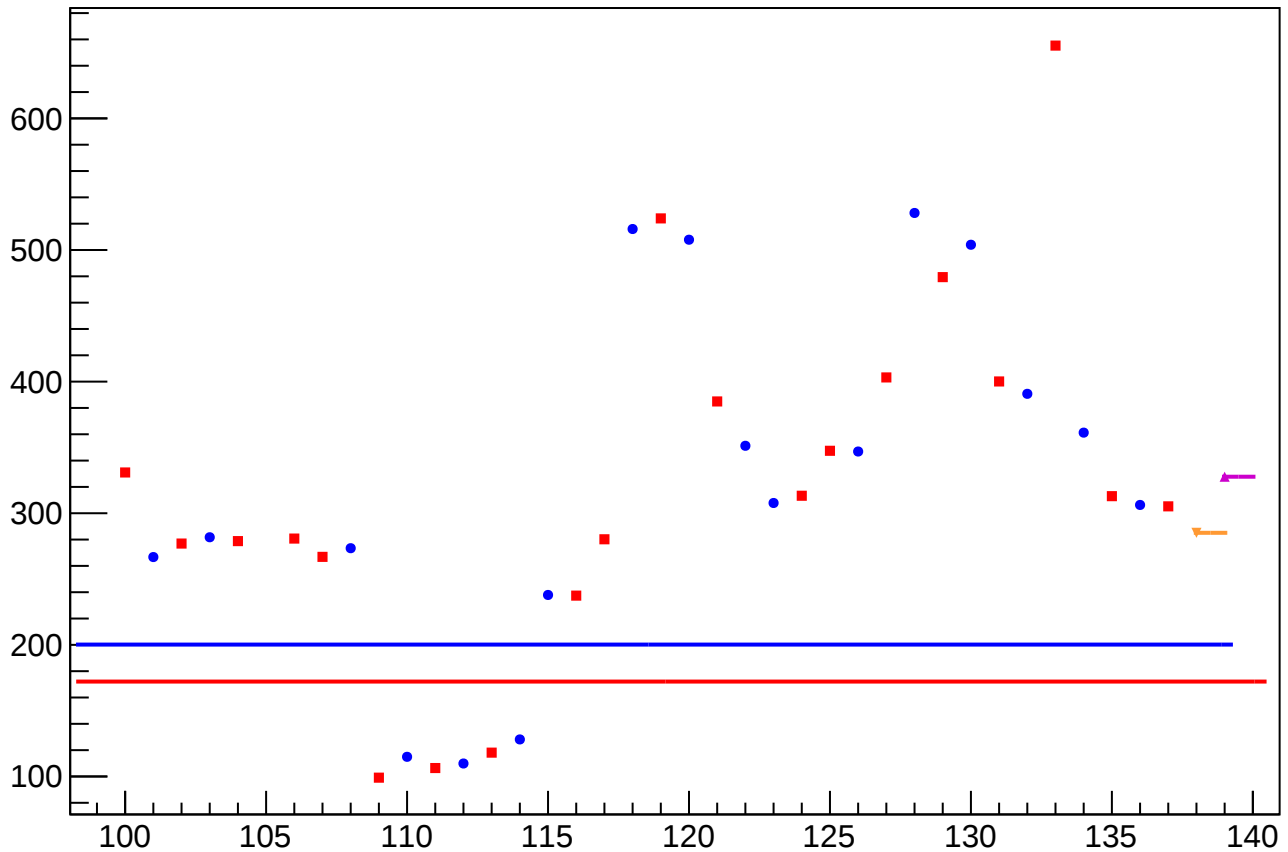
Right Out: 180.354 ± 76.795 $\chi^2/\text{NDF}: 15.0/19$

Left In: 797.182 ± 385.276 $\chi^2/\text{NDF}: 0.0/0$

-72.680 ± 87.379 $\chi^2/\text{NDF}: 16.2/17$

203.924 ± 75.313 $\chi^2/\text{NDF}: 17.5/20$

asym_sam8_rms vs Slug



Right In: 200.209+/-0.064 χ^2/NDF : 3387197.7/16

Left Out: 285.129+/-0.238 χ^2/NDF : 0.0/0

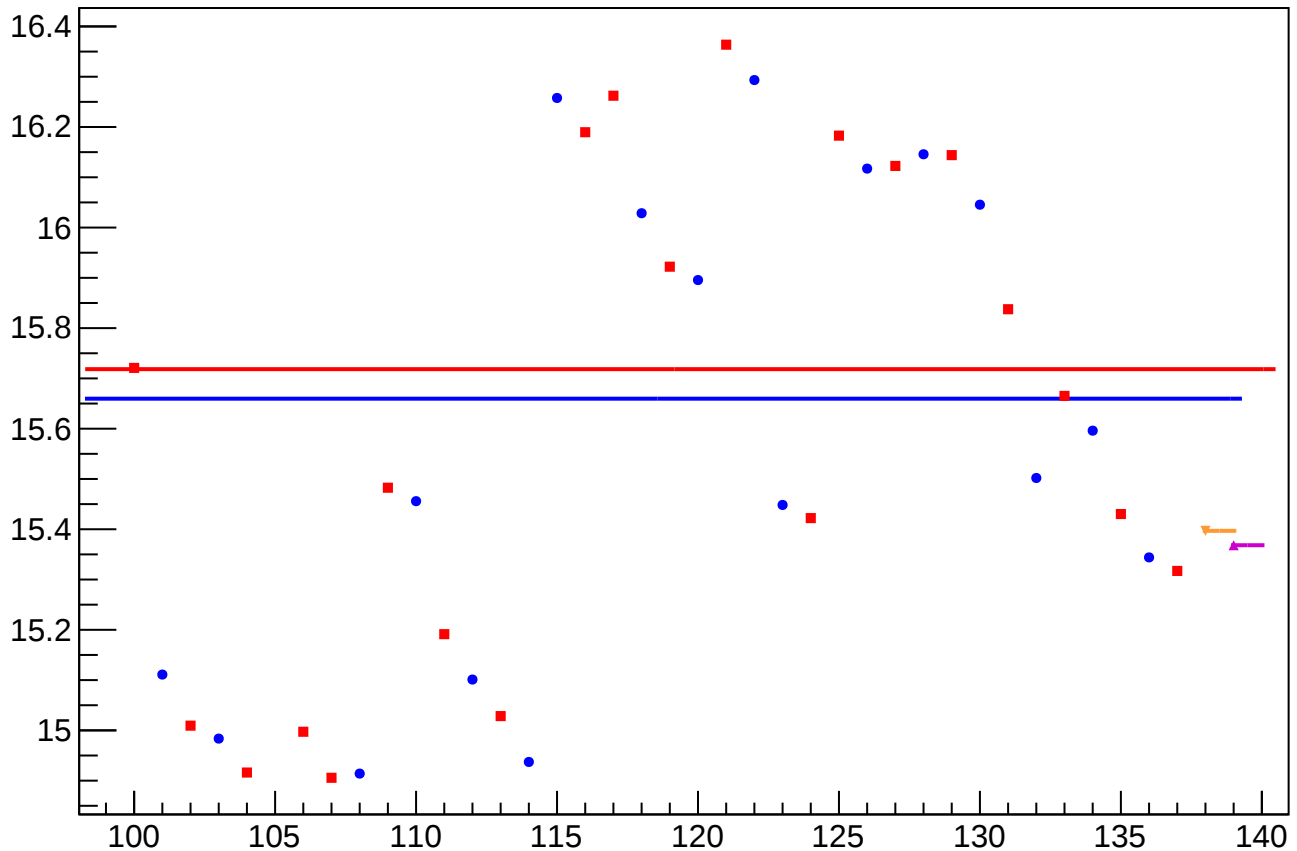
205.937+/-0.062 χ^2/NDF : 3506021.4/17

Right Out: 172.110+/-0.054 χ^2/NDF : 4106869.2/19

178.057+/-0.053 χ^2/NDF : 4420779.2/20

Left In: 327.750+/-0.272 χ^2/NDF : 0.0/0

yield_sam1_mean vs Slug



Right In: 15.660+/-0.000 χ^2/NDF : 5782644553.5/16

Left Out: 15.397+/-0.000 χ^2/NDF : 0.0/0

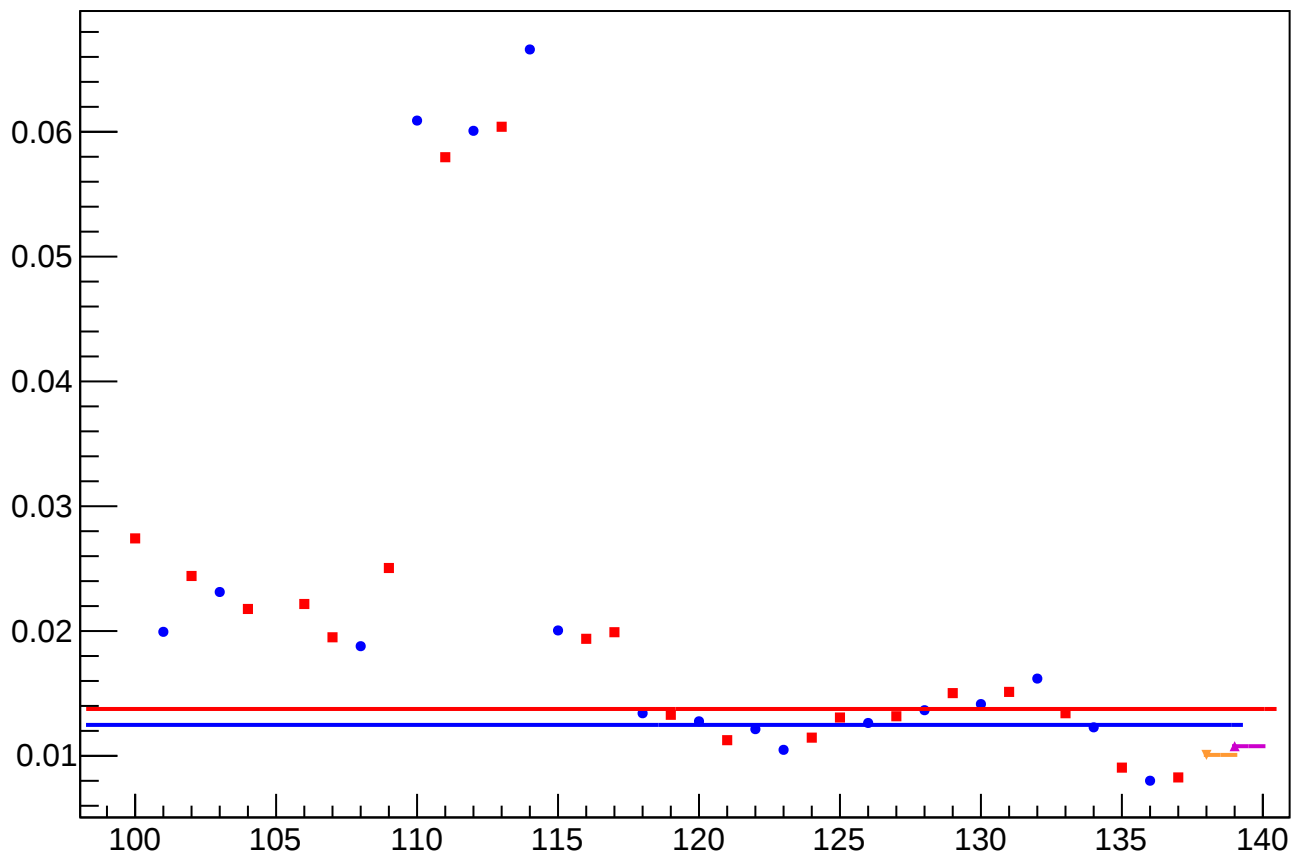
15.615+/-0.000 χ^2/NDF : 6170276053.7/17

Right Out: 15.718+/-0.000 χ^2/NDF : 5490626945.9/19

15.658+/-0.000 χ^2/NDF : 6106698355.2/20

Left In: 15.368+/-0.000 χ^2/NDF : 0.0/0

yield_sam1_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF : 2152911.4/16

Left Out: 0.010+/-0.000 χ^2/NDF : 0.0/0

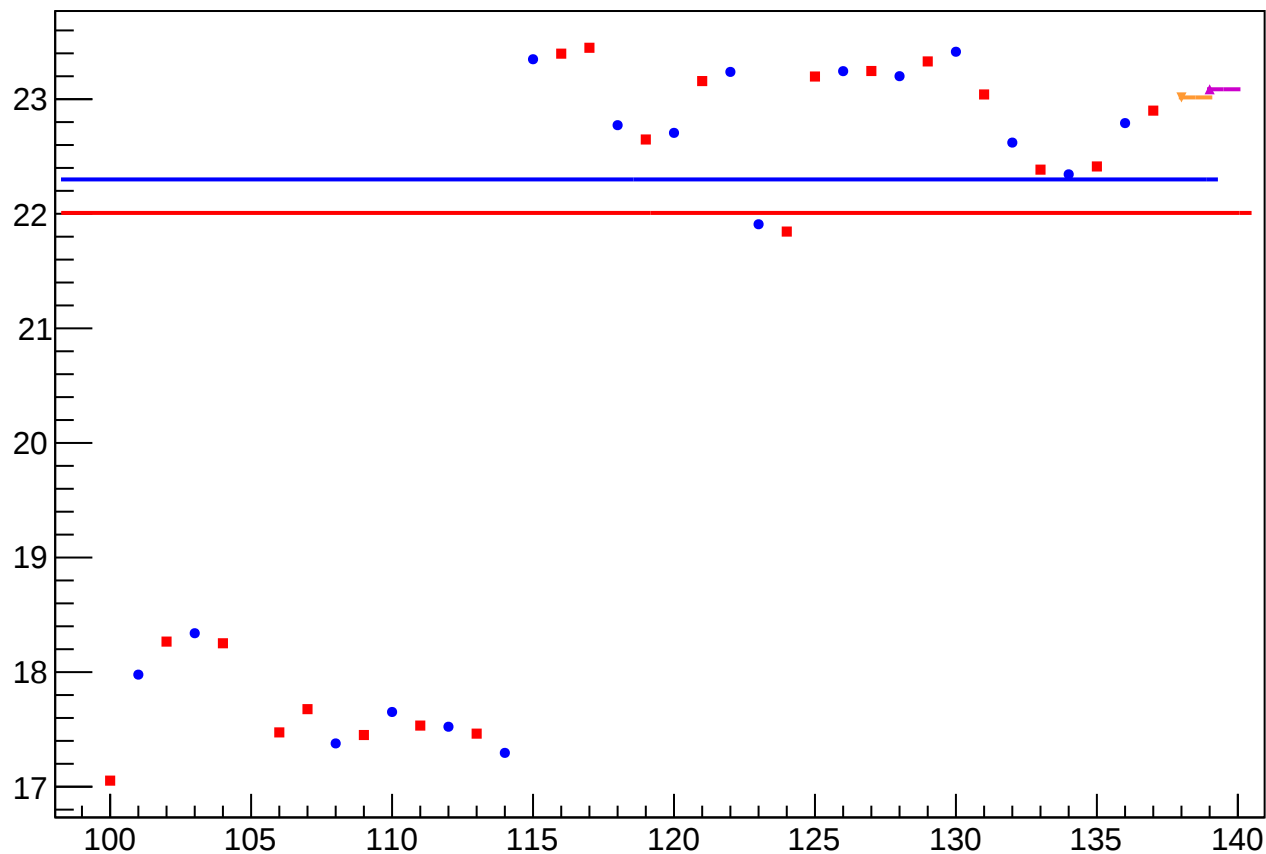
Right Out: 0.014+/-0.000 χ^2/NDF : 2084935.7/19

Left In: 0.011+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 2217778.7/17

0.013+/-0.000 χ^2/NDF : 2174330.4/20

yield_sam2_mean vs Slug



Right In: 22.300 $\pm$ 0.000 χ^2 /NDF: 938398636.8/16

Left Out: 23.015 $\pm$ 0.000 χ^2 /NDF: 0.0/0

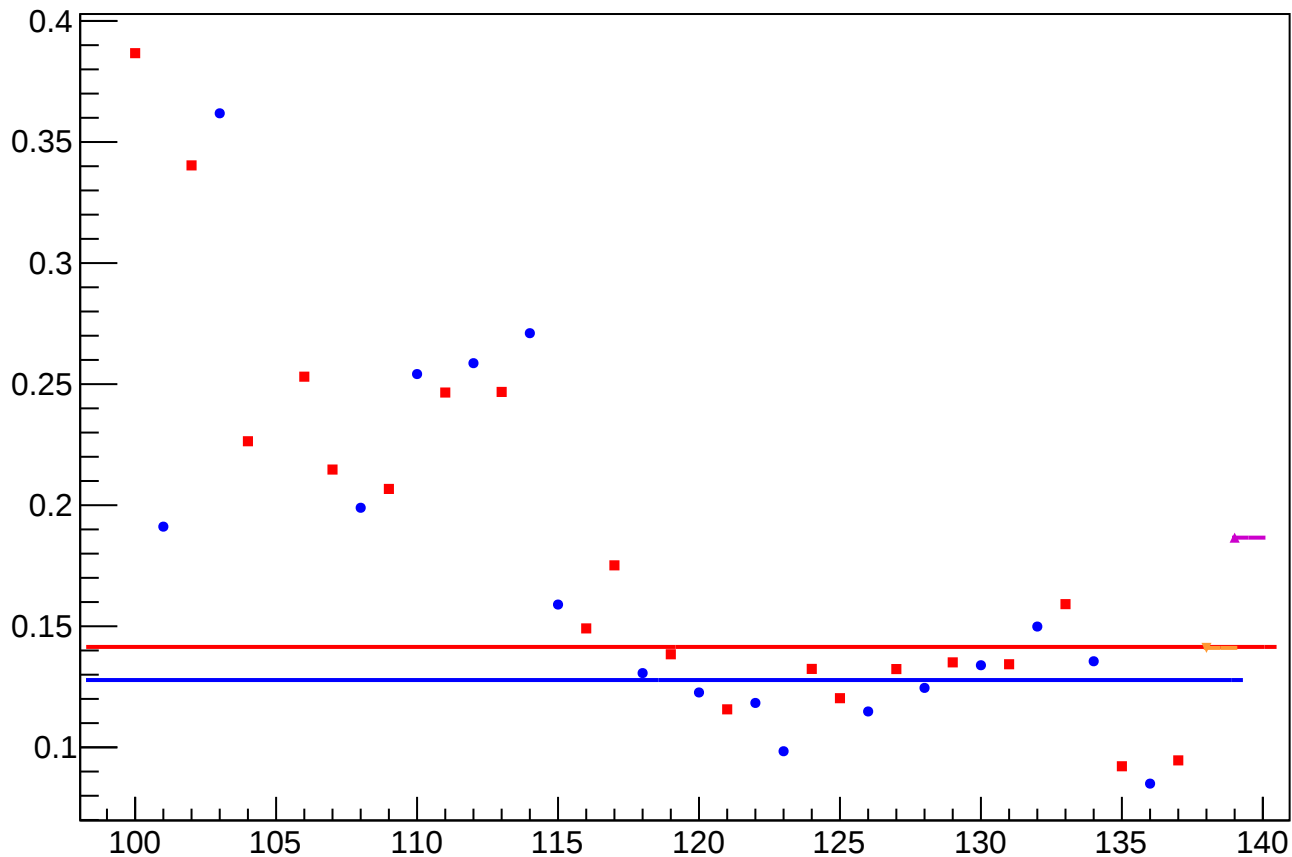
Right Out: 22.007 $\pm$ 0.000 χ^2 /NDF: 1068683102.9/19

Left In: 23.086 $\pm$ 0.000 χ^2 /NDF: 0.0/0

22.367 $\pm$ 0.000 χ^2 /NDF: 953314941.3/17

22.082 $\pm$ 0.000 χ^2 /NDF: 1091112156.6/20

yield_sam2_rms vs Slug



Right In: 0.128+/-0.000 χ^2/NDF : 1492109.7/16

Left Out: 0.141+/-0.000 χ^2/NDF : 0.0/0

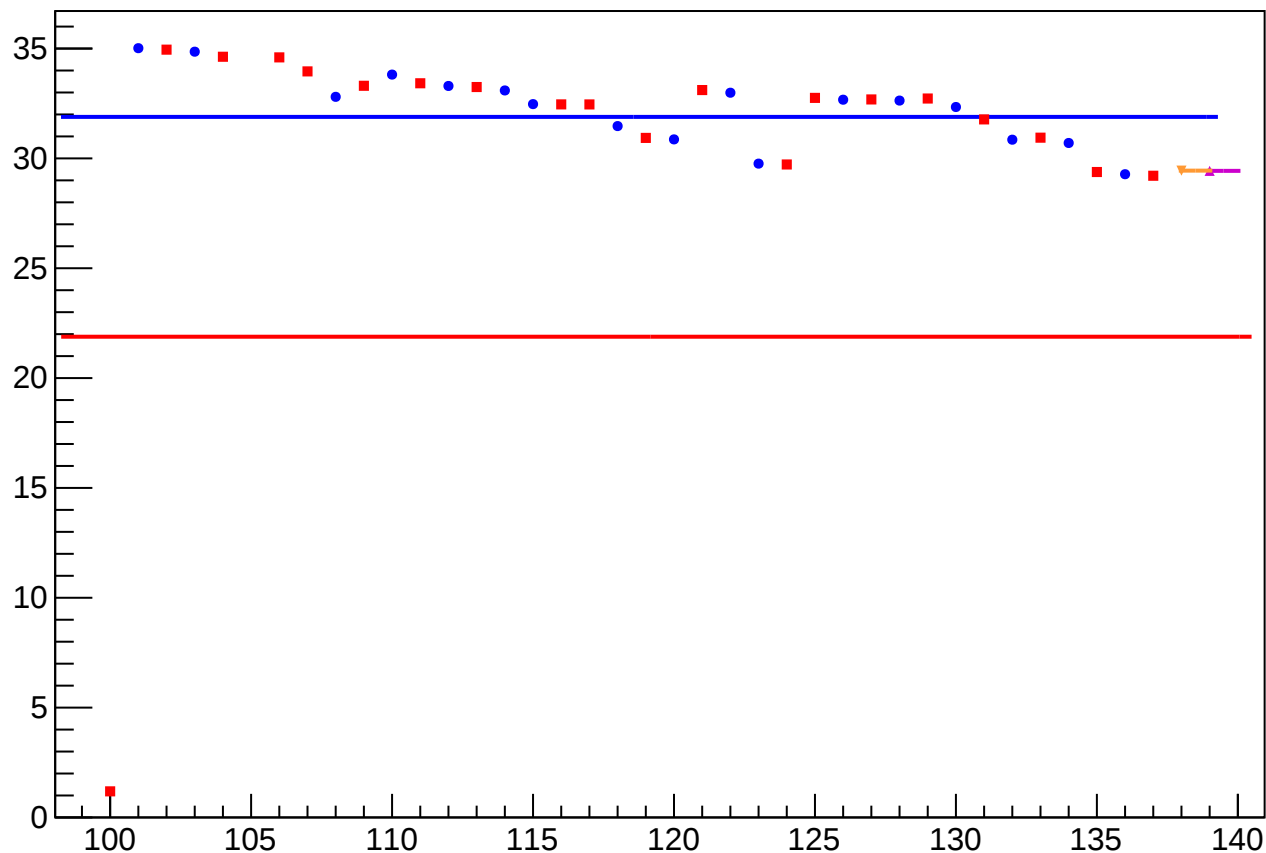
Right Out: 0.141+/-0.000 χ^2/NDF : 1452162.4/19

Left In: 0.187+/-0.000 χ^2/NDF : 0.0/0

0.129+/-0.000 χ^2/NDF : 1502375.3/17

0.145+/-0.000 χ^2/NDF : 1530632.4/20

yield_sam3_mean vs Slug



Right In: 31.889+/-0.000 χ^2/NDF : 1930403776.3/16

Left Out: 29.443+/-0.000 χ^2/NDF : 0.0/0

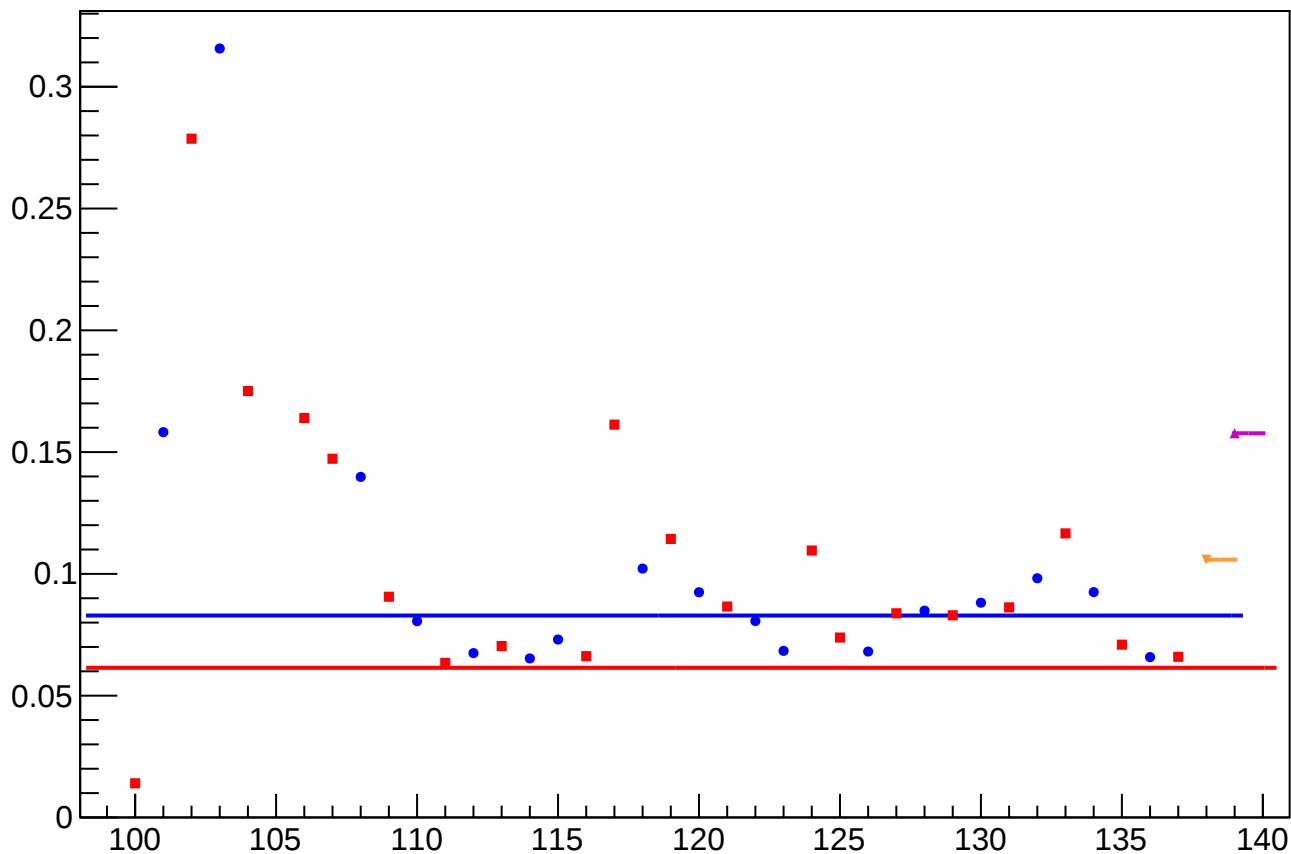
Right Out: 21.883+/-0.000 χ^2/NDF : 230247118310.5/19

Left In: 29.433+/-0.000 χ^2/NDF : 0.0/0

31.728+/-0.000 χ^2/NDF : 2210925982.3/17

22.082+/-0.000 χ^2/NDF : 231846004169.5/20

yield_sam3_rms vs Slug



Right In: 0.083+/-0.000 χ^2/NDF : 1164452.3/16

Left Out: 0.106+/-0.000 χ^2/NDF : 0.0/0

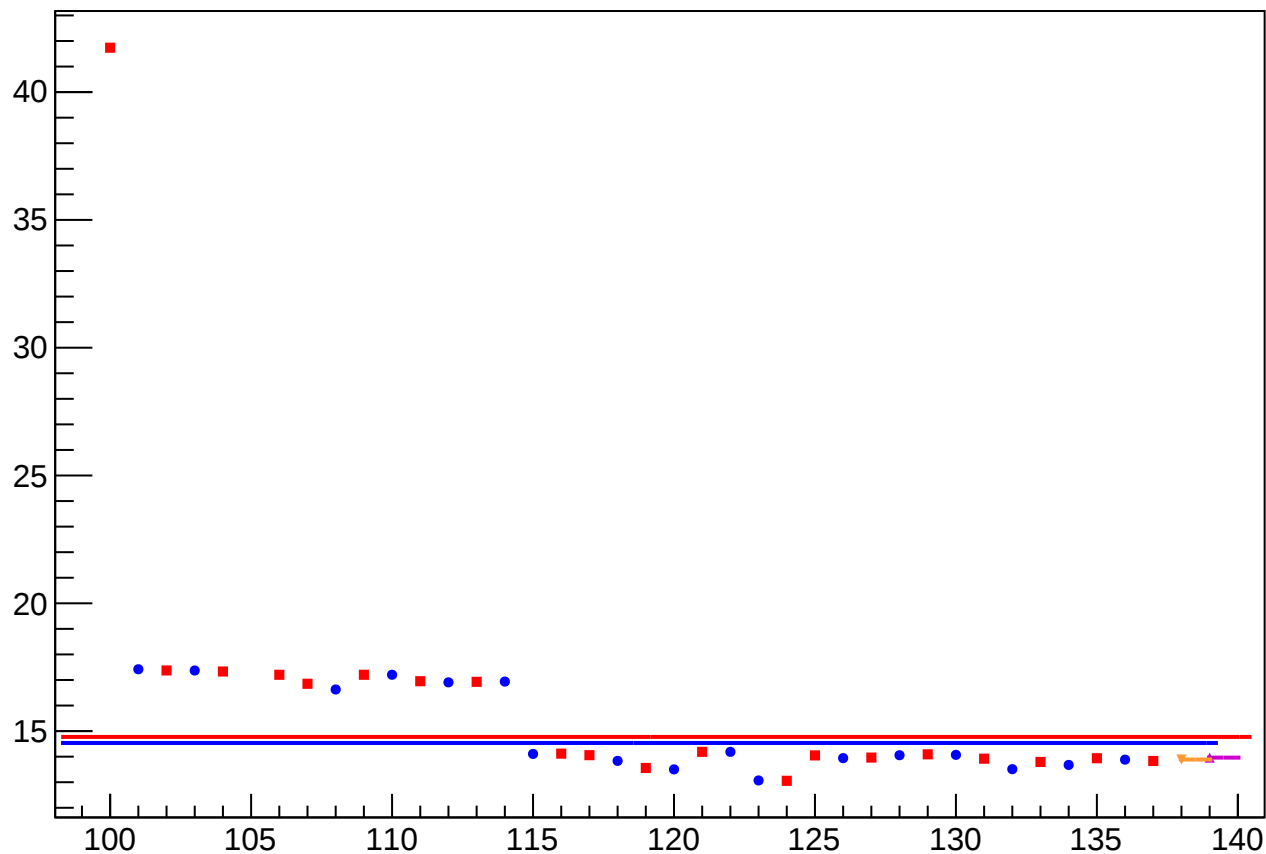
Right Out: 0.061+/-0.000 χ^2/NDF : 3635656.2/19

Left In: 0.158+/-0.000 χ^2/NDF : 0.0/0

0.084+/-0.000 χ^2/NDF : 1213731.1/17

0.064+/-0.000 χ^2/NDF : 4155809.5/20

yield_sam4_mean vs Slug



Right In: 14.536+/-0.000 χ^2/NDF : 1470499792.7/16

Left Out: 13.888+/-0.000 χ^2/NDF : 0.0/0

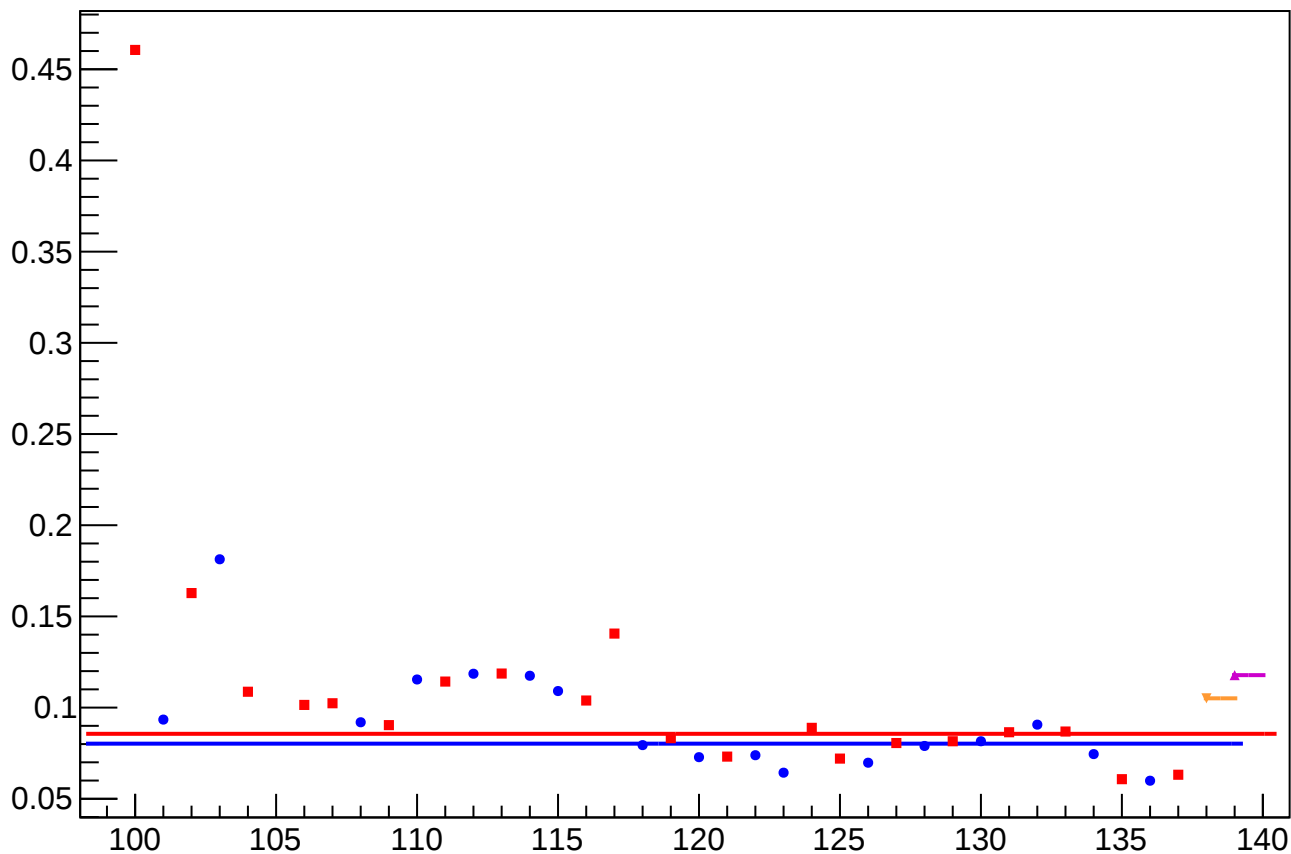
Right Out: 14.772+/-0.000 χ^2/NDF : 1887789052.4/19

Left In: 13.963+/-0.000 χ^2/NDF : 0.0/0

14.494+/-0.000 χ^2/NDF : 1493360775.9/17

14.724+/-0.000 χ^2/NDF : 1919149672.1/20

yield_sam4_rms vs Slug



Right In: 0.080+/-0.000 χ^2/NDF : 778734.5/16

Left Out: 0.105+/-0.000 χ^2/NDF : 0.0/0

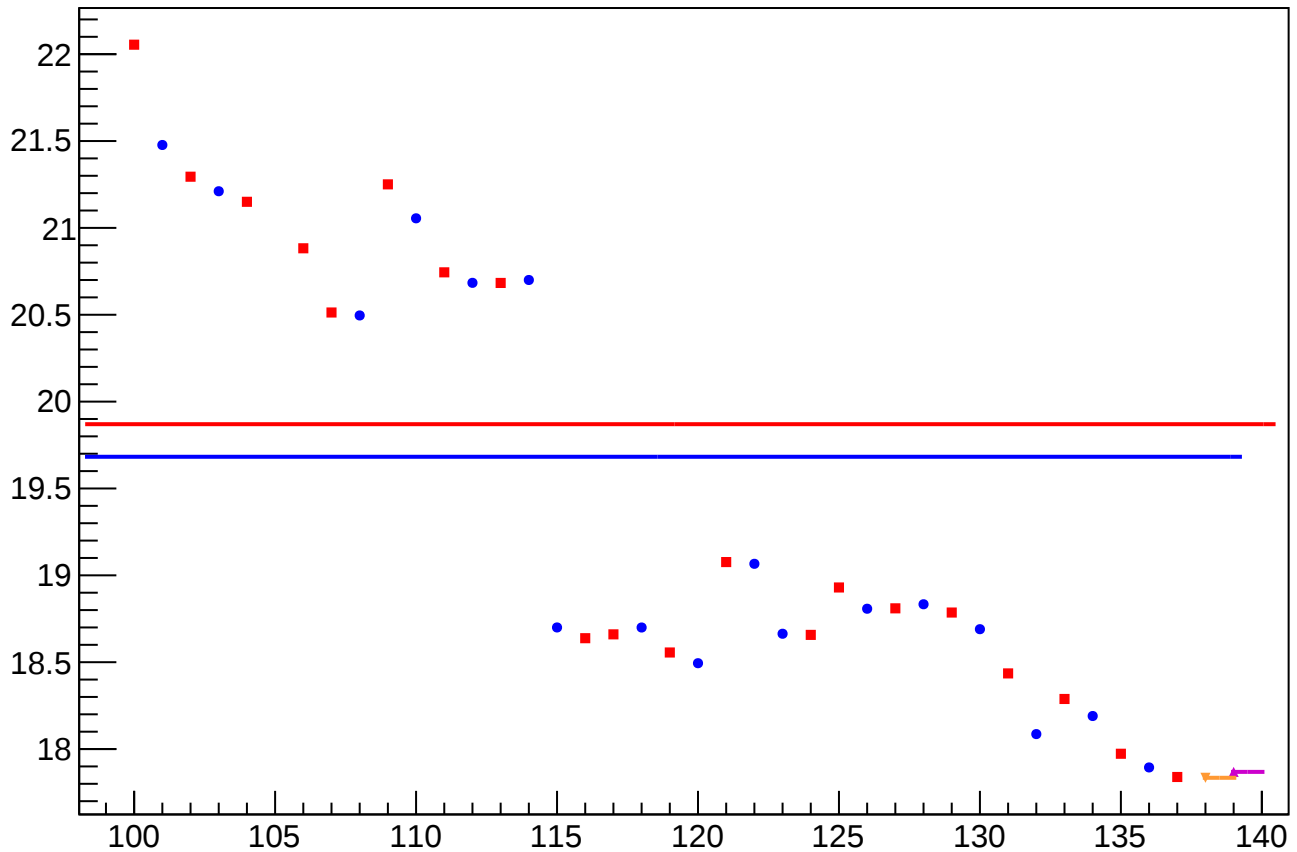
Right Out: 0.086+/-0.000 χ^2/NDF : 750289.2/19

Left In: 0.118+/-0.000 χ^2/NDF : 0.0/0

0.082+/-0.000 χ^2/NDF : 845989.4/17

0.088+/-0.000 χ^2/NDF : 849397.6/20

yield_sam5_mean vs Slug



Right In: 19.683+/-0.000 χ^2/NDF : 12276801857.2/16

Left Out: 17.835+/-0.000 χ^2/NDF : 0.0/0

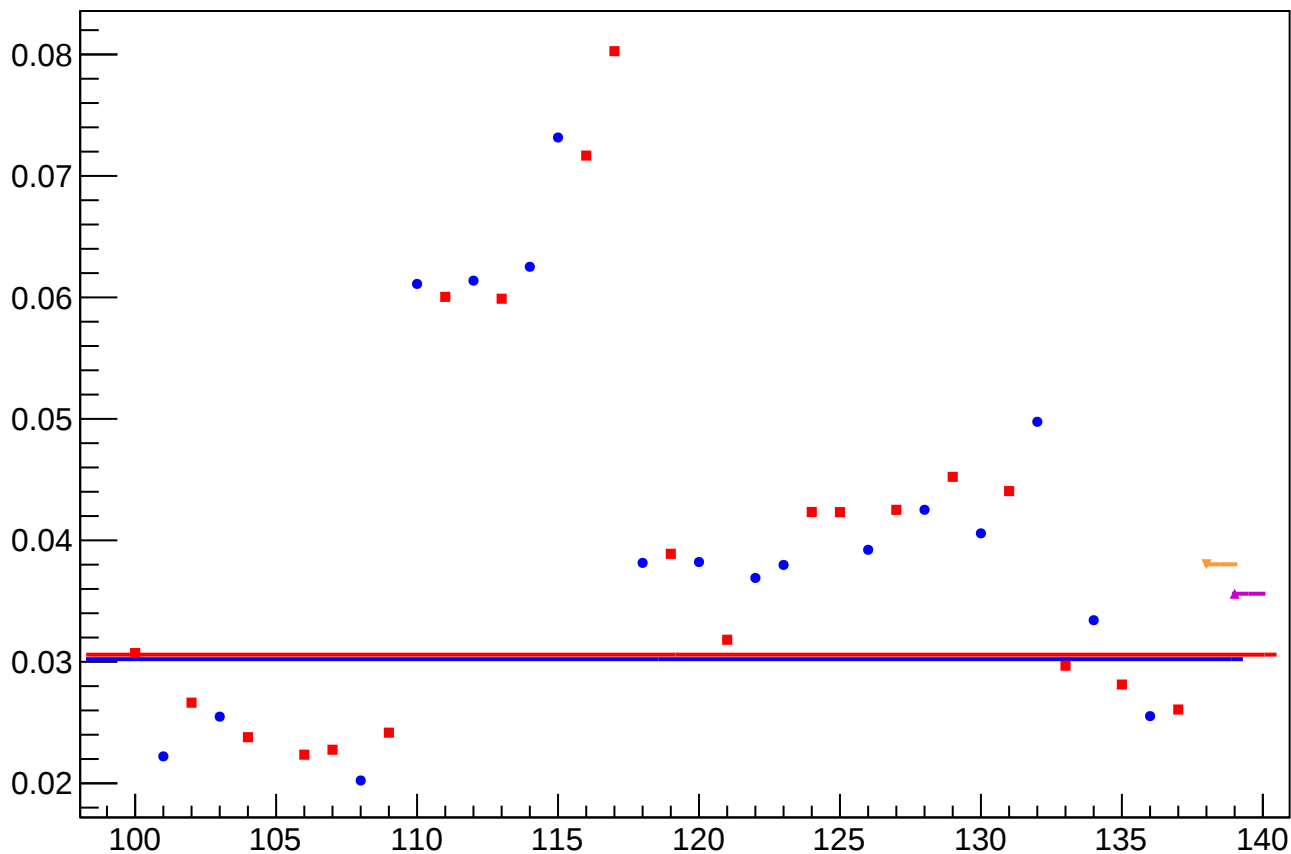
19.547+/-0.000 χ^2/NDF : 13805691709.3/17

Right Out: 19.870+/-0.000 χ^2/NDF : 11333011670.6/19

19.710+/-0.000 χ^2/NDF : 13364942516.3/20

Left In: 17.869+/-0.000 χ^2/NDF : 0.0/0

yield_sam5_rms vs Slug



Right In: 0.030+/-0.000 χ^2/NDF : 1324518.2/16

Left Out: 0.038+/-0.000 χ^2/NDF : 0.0/0

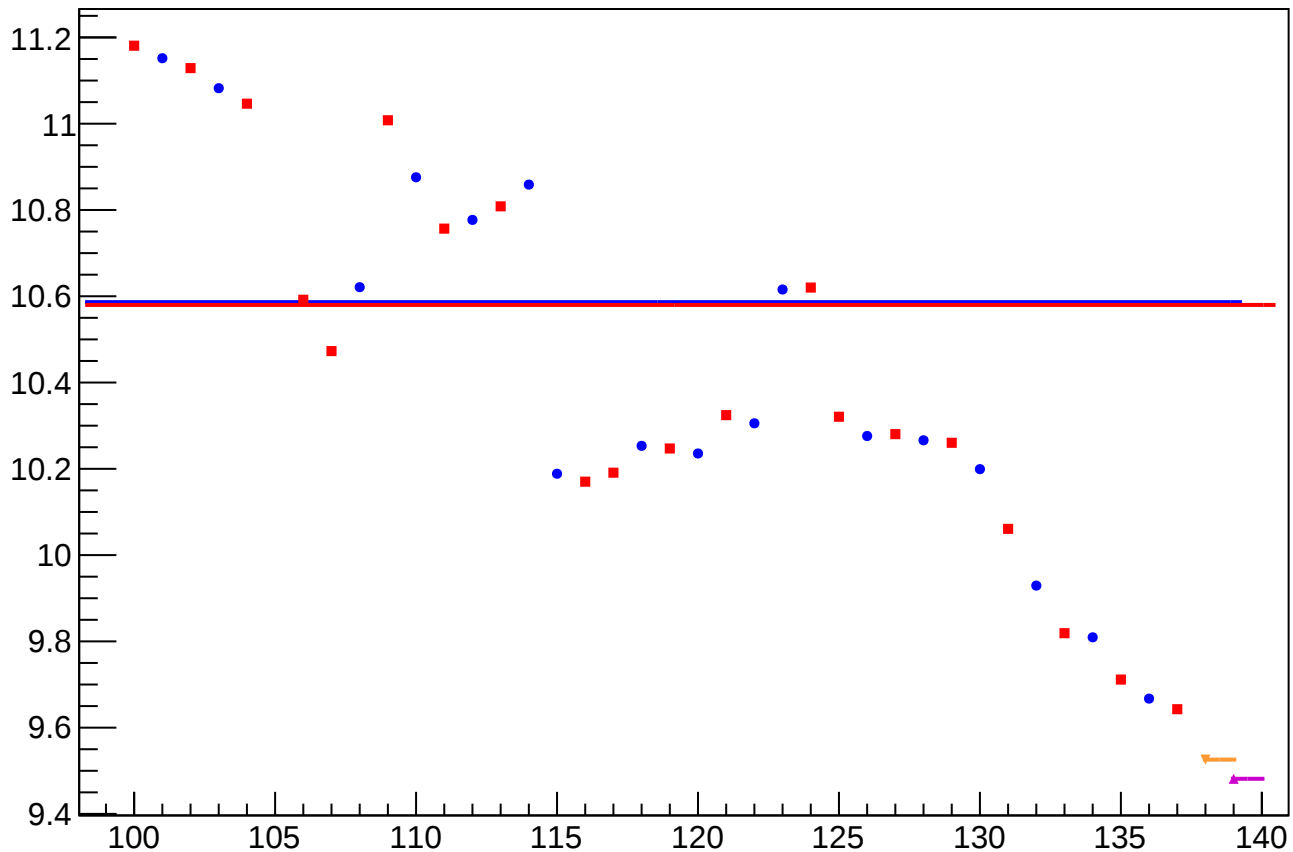
Right Out: 0.031+/-0.000 χ^2/NDF : 1219224.0/19

Left In: 0.036+/-0.000 χ^2/NDF : 0.0/0

0.031+/-0.000 χ^2/NDF : 1379128.0/17

0.031+/-0.000 χ^2/NDF : 1244734.6/20

yield_sam6_mean vs Slug



Right In: 10.586 $\pm$ 0.000 χ^2 /NDF: 7420104563.4/16

Left Out: 9.526 $\pm$ 0.000 χ^2 /NDF: 0.0/0

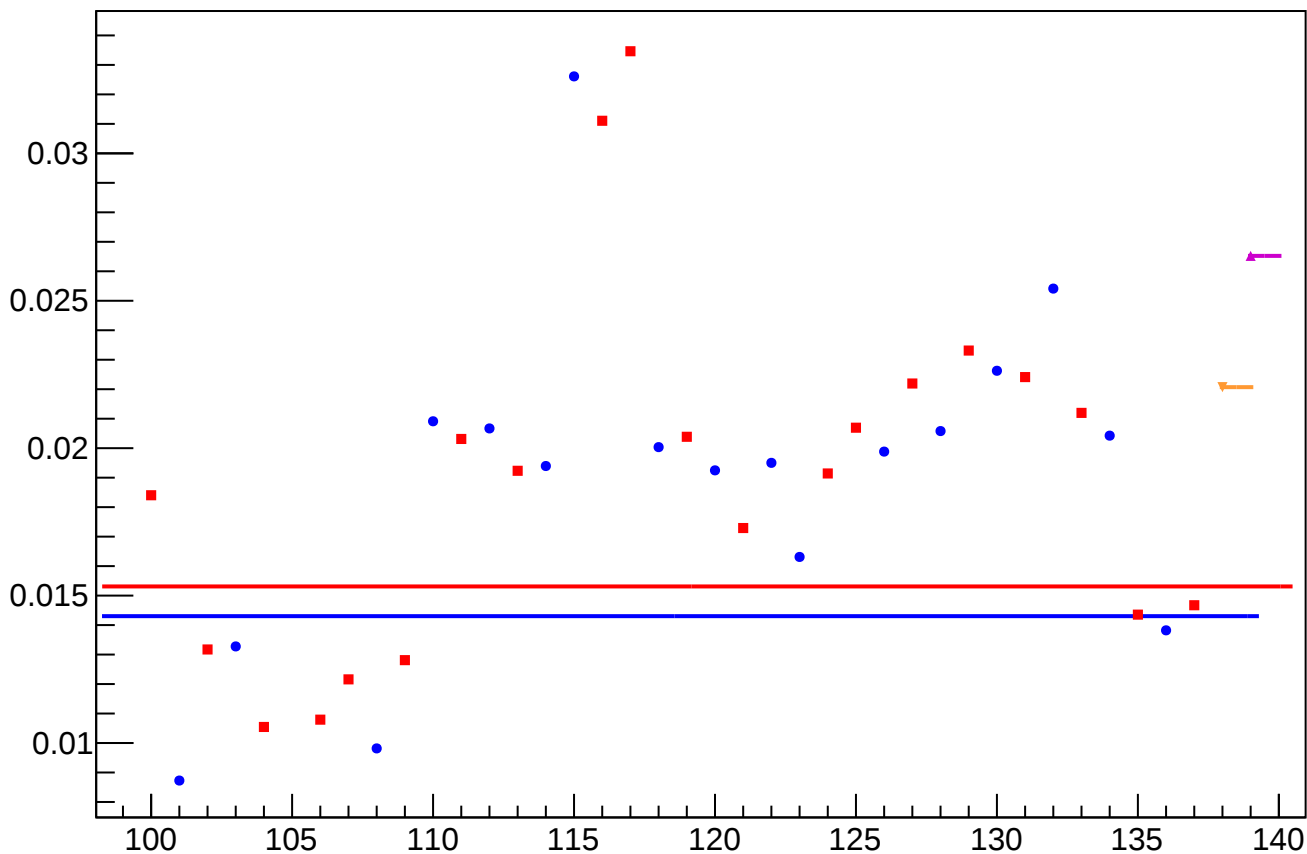
10.533 $\pm$ 0.000 χ^2 /NDF: 8894452166.0/17

Right Out: 10.580 $\pm$ 0.000 χ^2 /NDF: 5769007164.9/19

10.537 $\pm$ 0.000 χ^2 /NDF: 6953888922.7/20

Left In: 9.481 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam6_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 1408012.0/16

Left Out: 0.022+/-0.000 χ^2/NDF :0.0/0

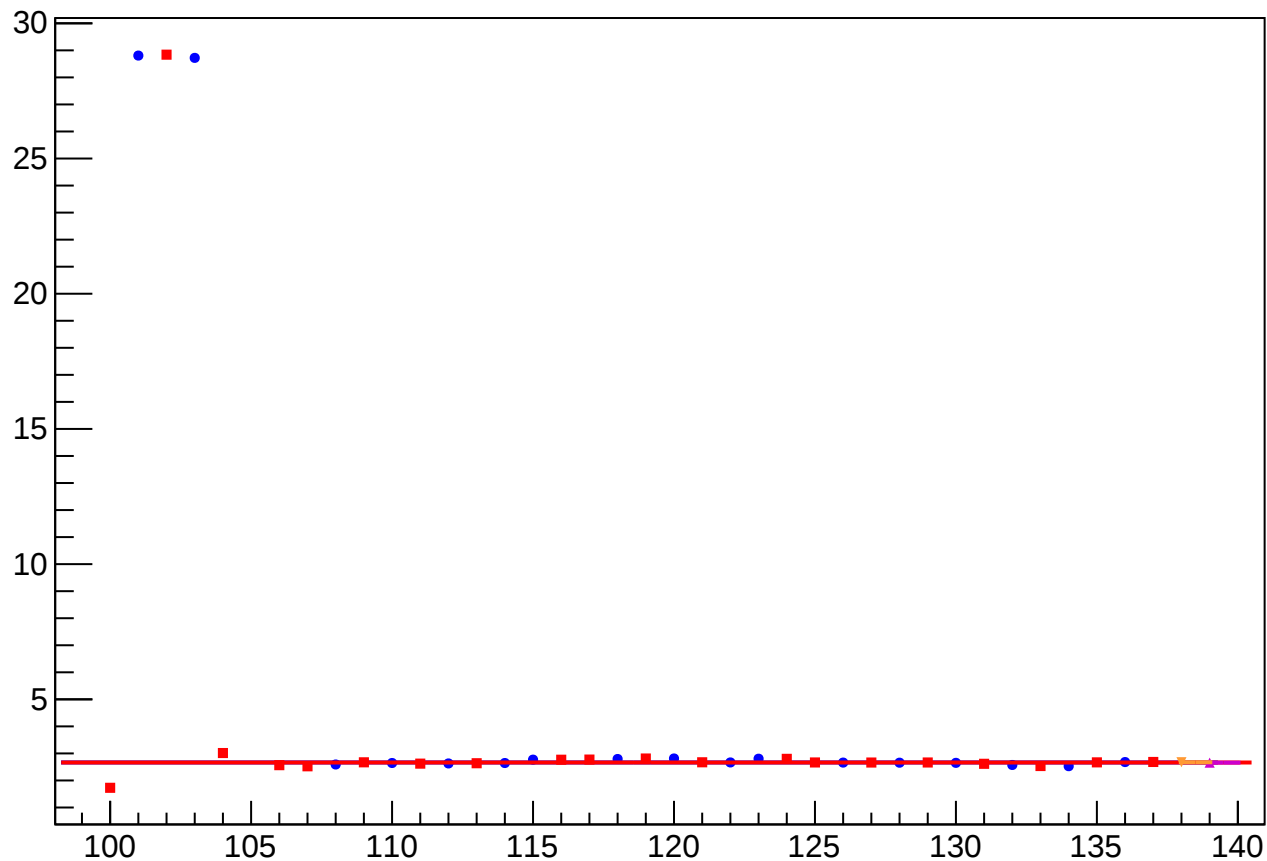
Right Out: 0.015+/-0.000 χ^2/NDF : 1011477.2/19

Left In: 0.027+/-0.000 χ^2/NDF :0.0/0

0.015+/-0.000 χ^2/NDF : 1566223.2/17

0.016+/-0.000 χ^2/NDF : 1258388.2/20

yield_sam7_mean vs Slug



Right In: 2.666+/-0.000 χ^2/NDF : 163167327359.4/16

Left Out: 2.674+/-0.000 χ^2/NDF : 0.0/0

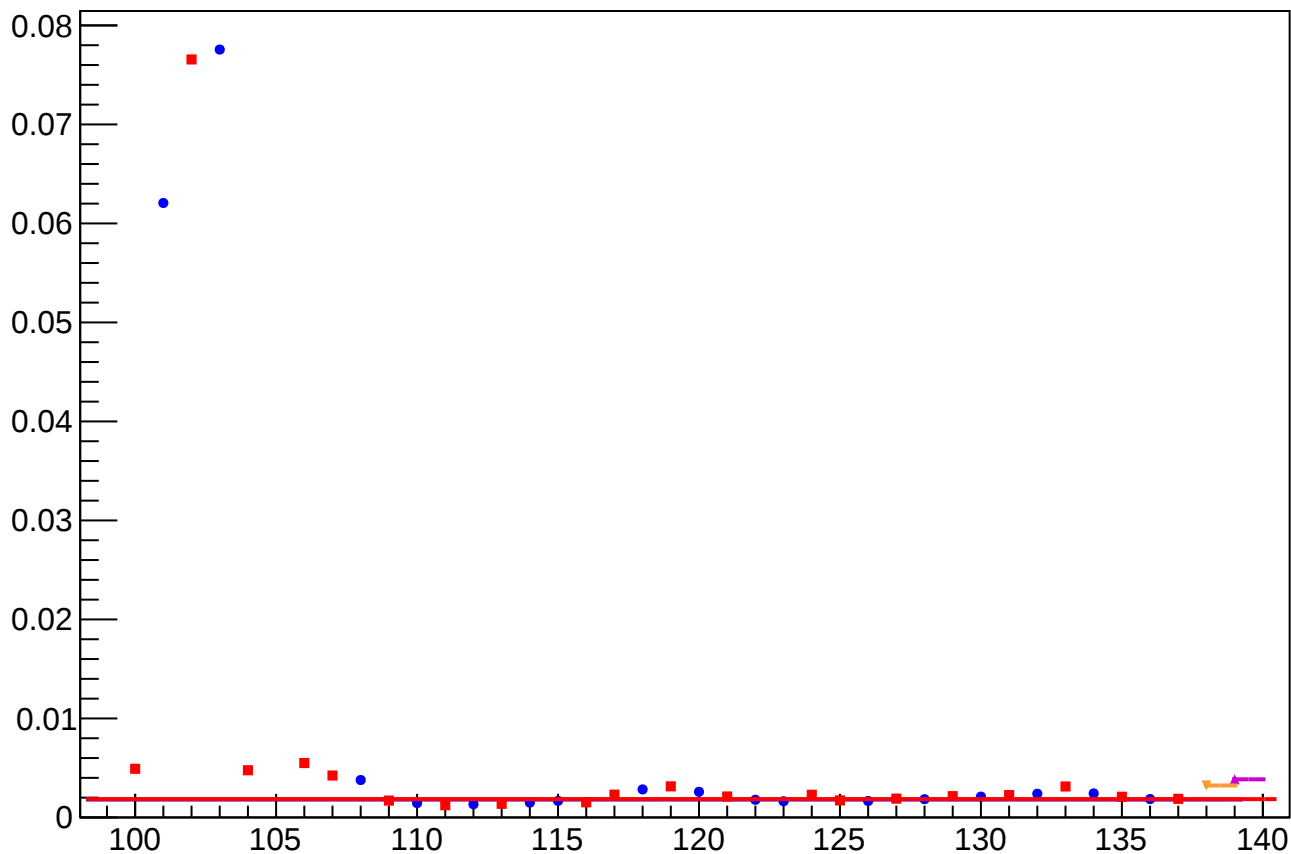
Right Out: 2.664+/-0.000 χ^2/NDF : 70484048082.1/19

Left In: 2.658+/-0.000 χ^2/NDF : 0.0/0

2.666+/-0.000 χ^2/NDF : 163171122529.8/17

2.664+/-0.000 χ^2/NDF : 70485500918.5/20

yield_sam7_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 2661372.0/16

Left Out: 0.003+/-0.000 χ^2/NDF : 0.0/0

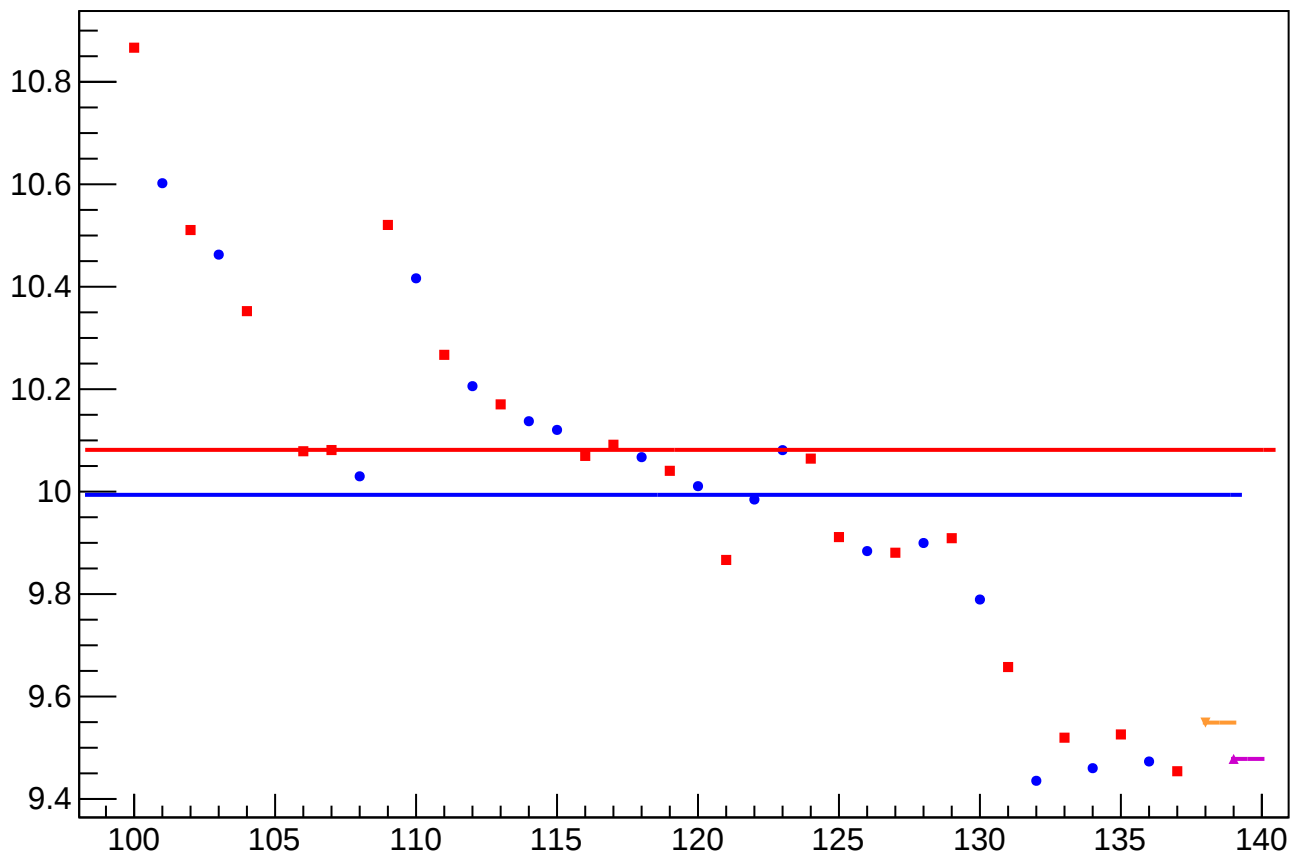
Right Out: 0.002+/-0.000 χ^2/NDF : 2334243.7/19

Left In: 0.004+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 2886653.1/17

0.002+/-0.000 χ^2/NDF : 2699953.5/20

yield_sam8_mean vs Slug



Right In: 9.994+/-0.000 χ^2/NDF : 18815741664.6/16

Left Out: 9.549+/-0.000 χ^2/NDF : 0.0/0

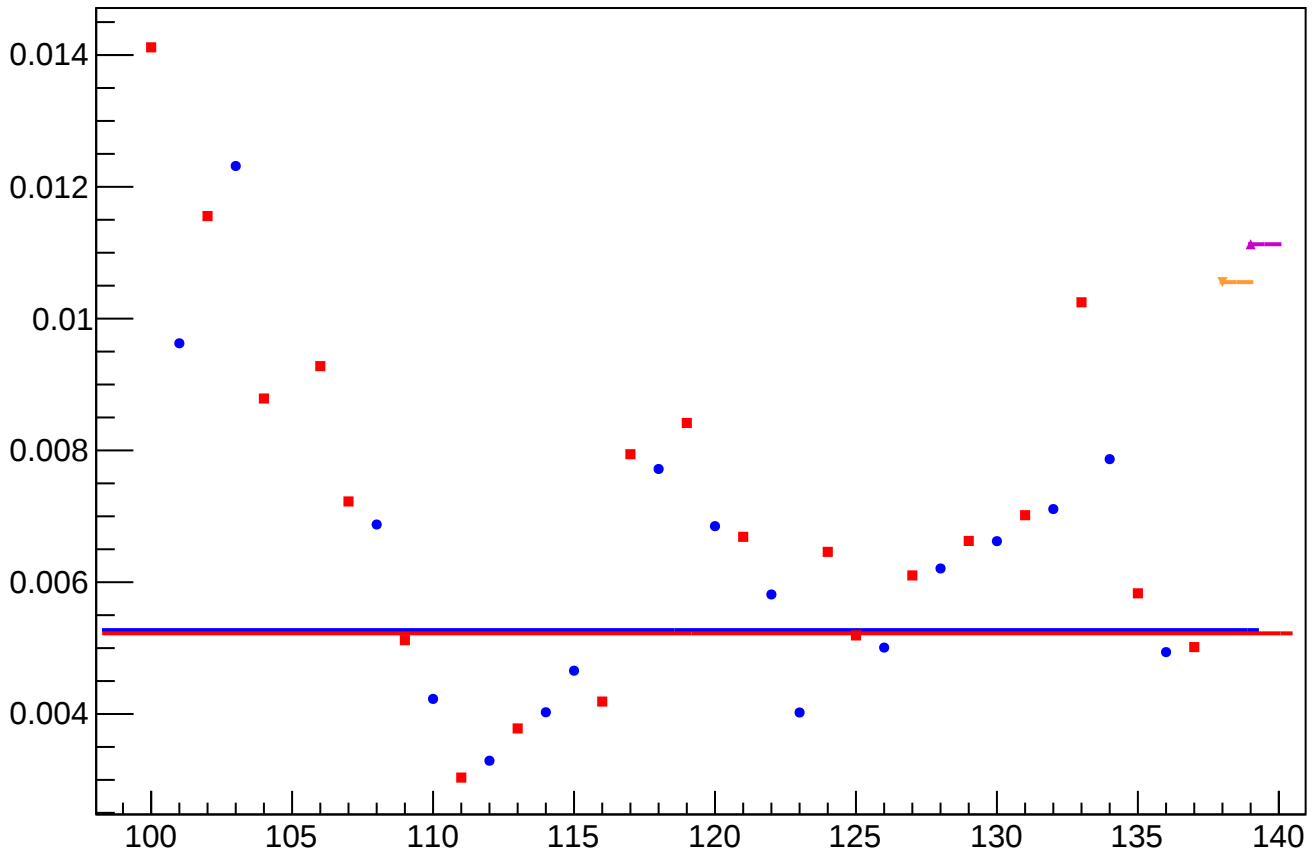
Right Out: 10.082+/-0.000 χ^2/NDF : 15502760782.3/19

Left In: 9.478+/-0.000 χ^2/NDF : 0.0/0

9.981+/-0.000 χ^2/NDF : 19853892932.9/17

10.065+/-0.000 χ^2/NDF : 17447051140.1/20

yield_sam8_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 1245563.1/16

Left Out: 0.011+/-0.000 χ^2/NDF : 0.0/0

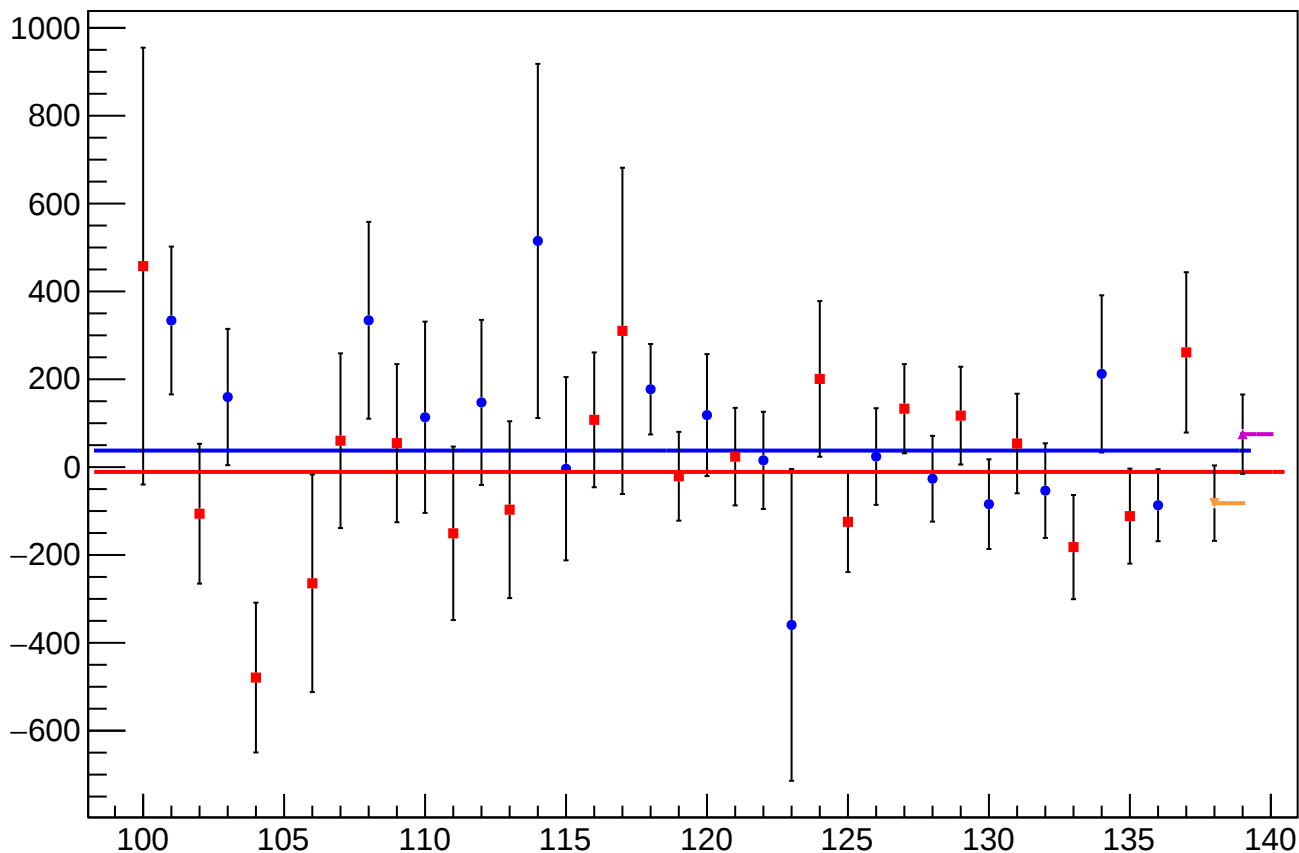
Right Out: 0.005+/-0.000 χ^2/NDF : 1667515.0/19

Left In: 0.011+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 1538453.1/17

0.005+/-0.000 χ^2/NDF : 2040016.7/20

reg_asym_sam1_mean vs Slug



Right In: 37.694+/-32.253 χ^2/NDF : 16.7/16

Left Out: -82.013+/-85.825 χ^2/NDF : 0.0/0

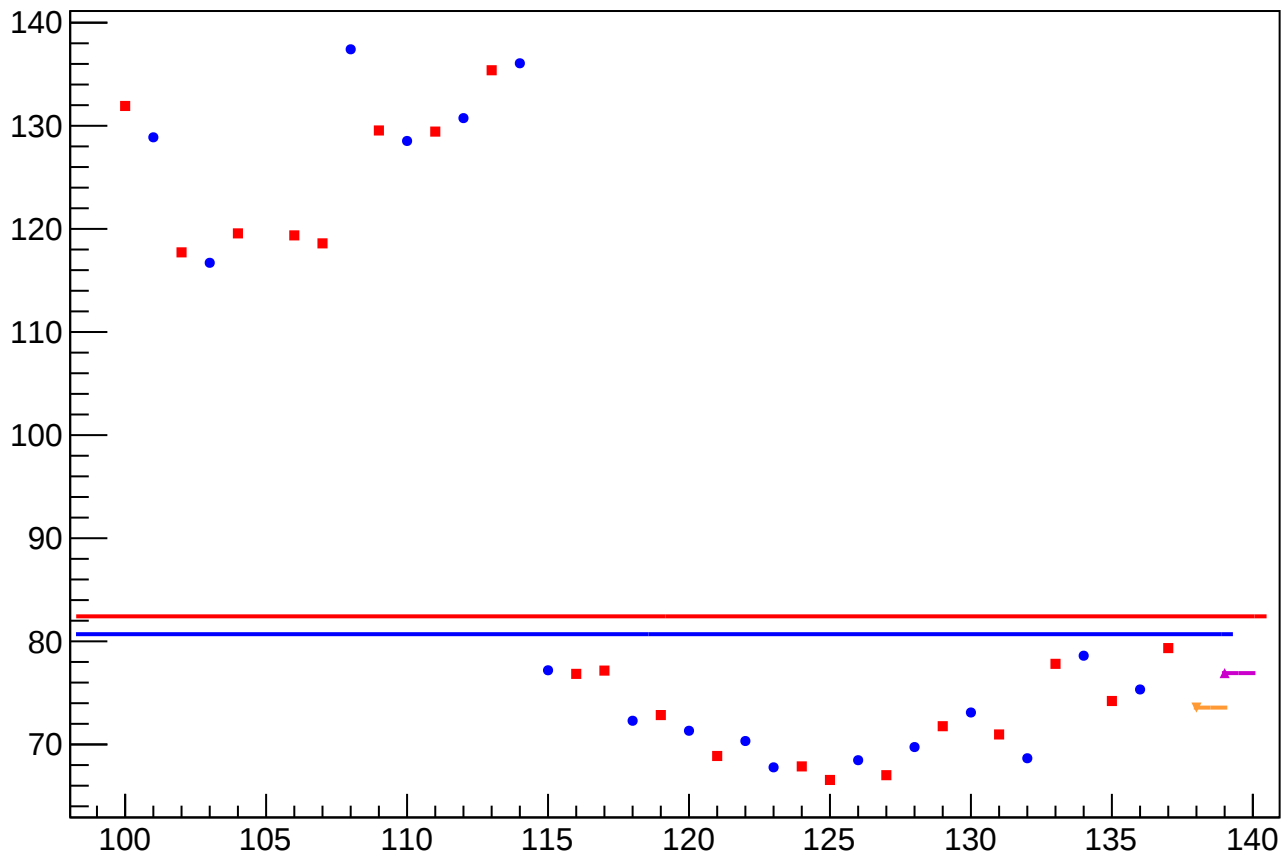
Right Out: -10.884+/-31.947 χ^2/NDF : 23.5/19

Left In: 75.052+/-90.294 χ^2/NDF : 0.0/0

22.880+/-30.192 χ^2/NDF : 18.4/17

-1.323+/-30.118 χ^2/NDF : 24.3/20

reg_asym_sam1_rms vs Slug



Right In: 80.694 $\pm$ 0.023 χ^2 /NDF: 814026.4/16

Left Out: 73.575 $\pm$ 0.061 χ^2 /NDF: 0.0/0

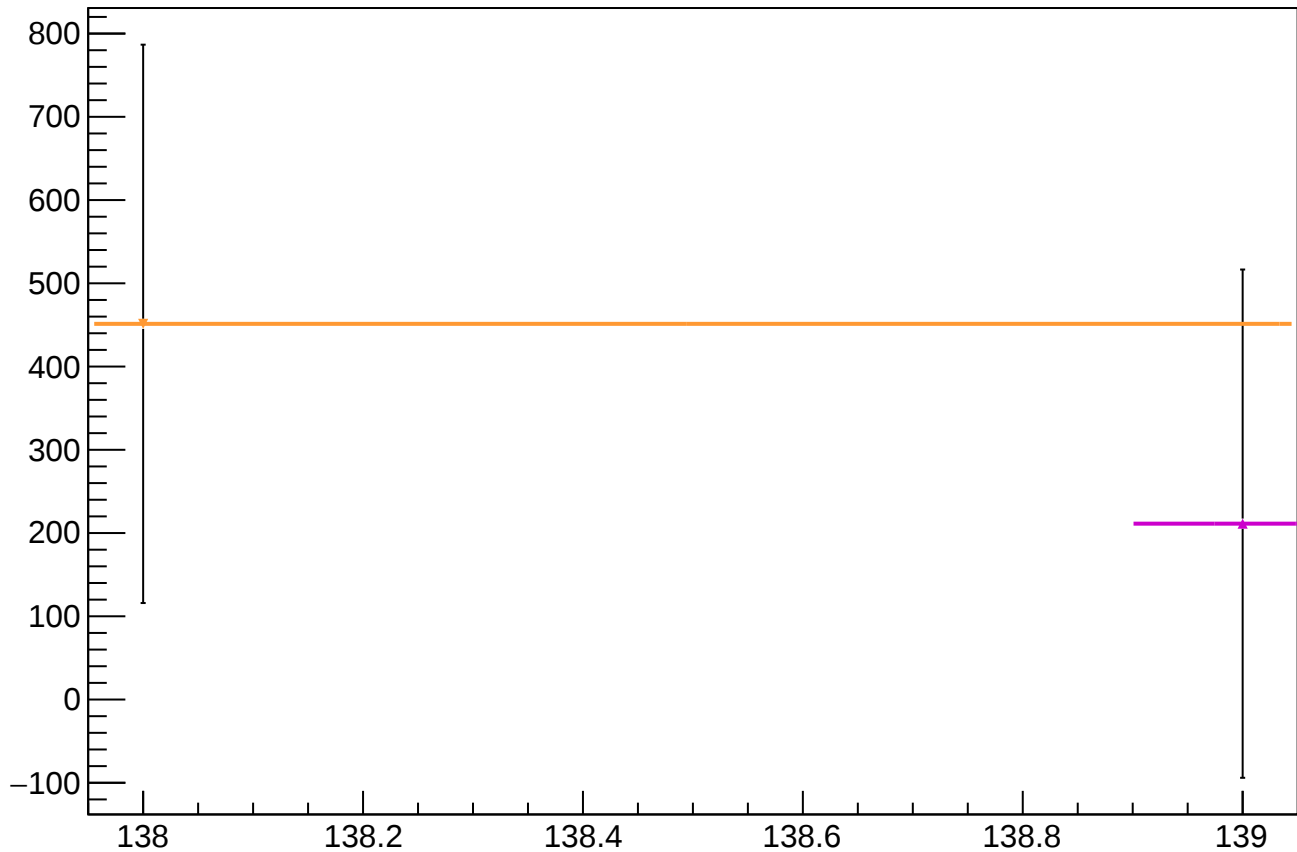
Right Out: 82.424 $\pm$ 0.023 χ^2 /NDF: 915282.5/19

Left In: 76.920 $\pm$ 0.064 χ^2 /NDF: 0.0/0

79.813 $\pm$ 0.021 χ^2 /NDF: 826086.3/17

81.812 $\pm$ 0.021 χ^2 /NDF: 921888.8/20

asym_sam1_correction_mean vs Slug



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

Left Out: 451.300+/-335.371 χ^2/NDF : 0.0/0

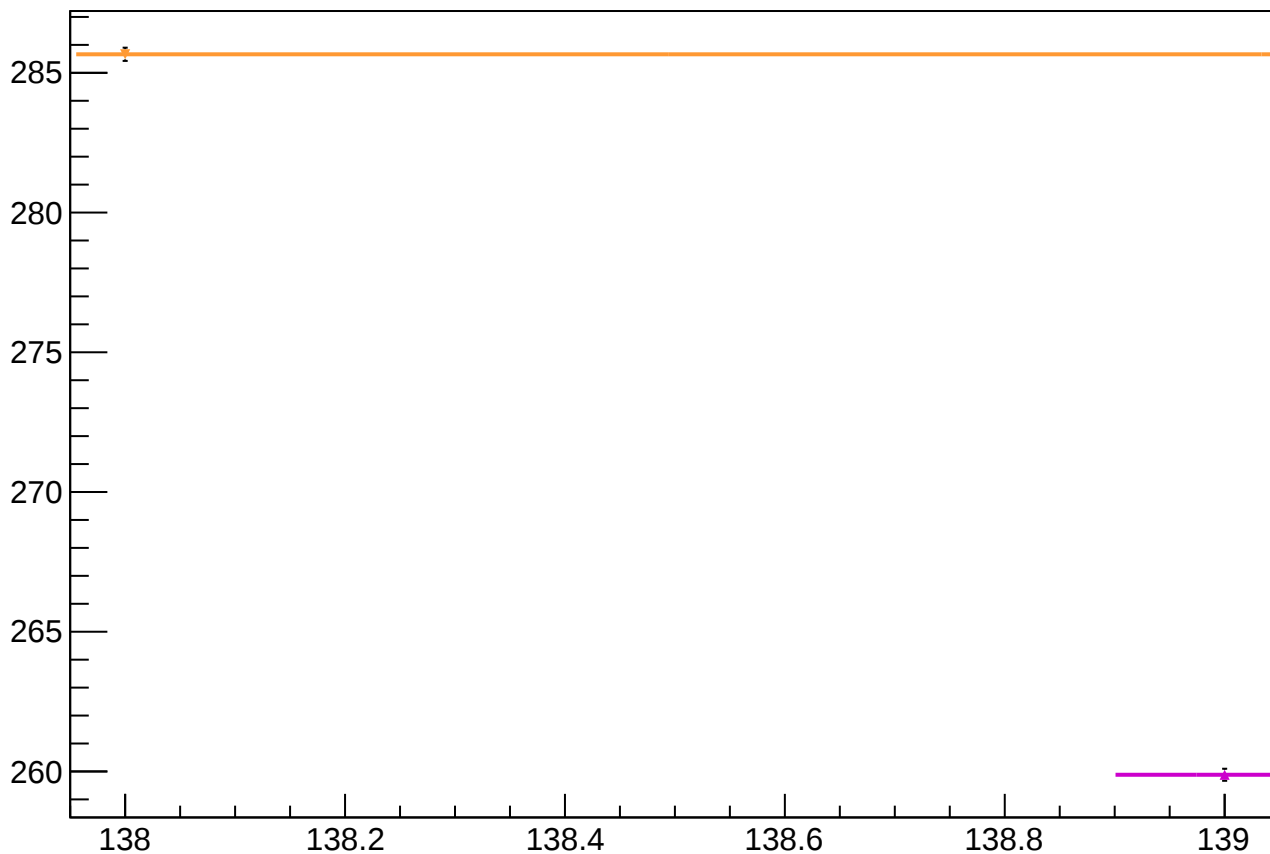
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 211.272+/-305.290 χ^2/NDF : 0.0/0

451.300+/-335.371 χ^2/NDF : 0.0/0

211.272+/-305.290 χ^2/NDF : 0.0/0

asym_sam1_correction_rms vs Slug



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

Left Out: 285.663+/-0.237 χ^2/NDF : 0.0/0

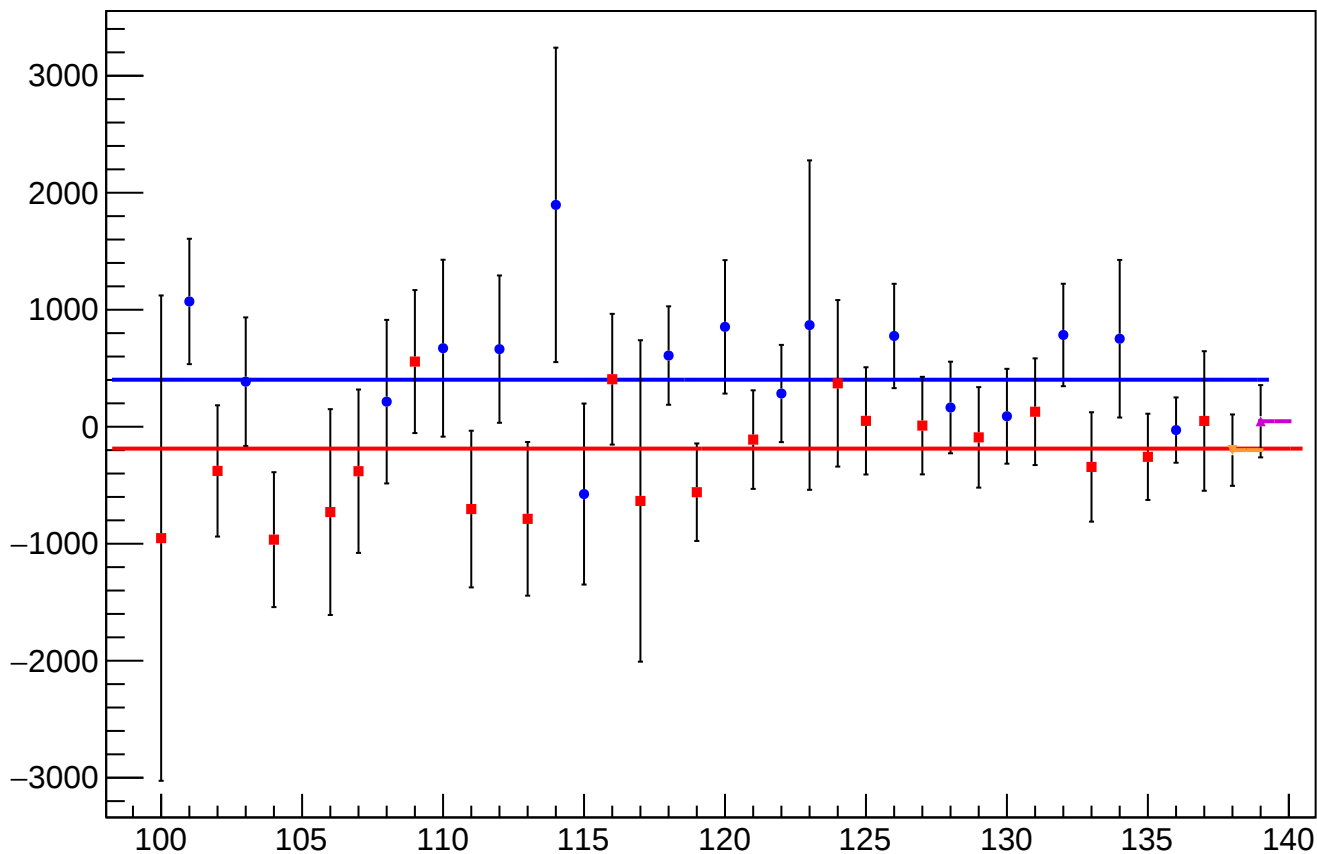
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 259.881+/-0.216 χ^2/NDF : 0.0/0

285.663+/-0.237 χ^2/NDF : 0.0/0

259.881+/-0.216 χ^2/NDF : 0.0/0

reg_asym_sam2_mean vs Slug



Right In: 401.871+/-121.048 χ^2/NDF : 10.9/16

Left Out: -199.954+/-305.057 χ^2/NDF : 0.0/0

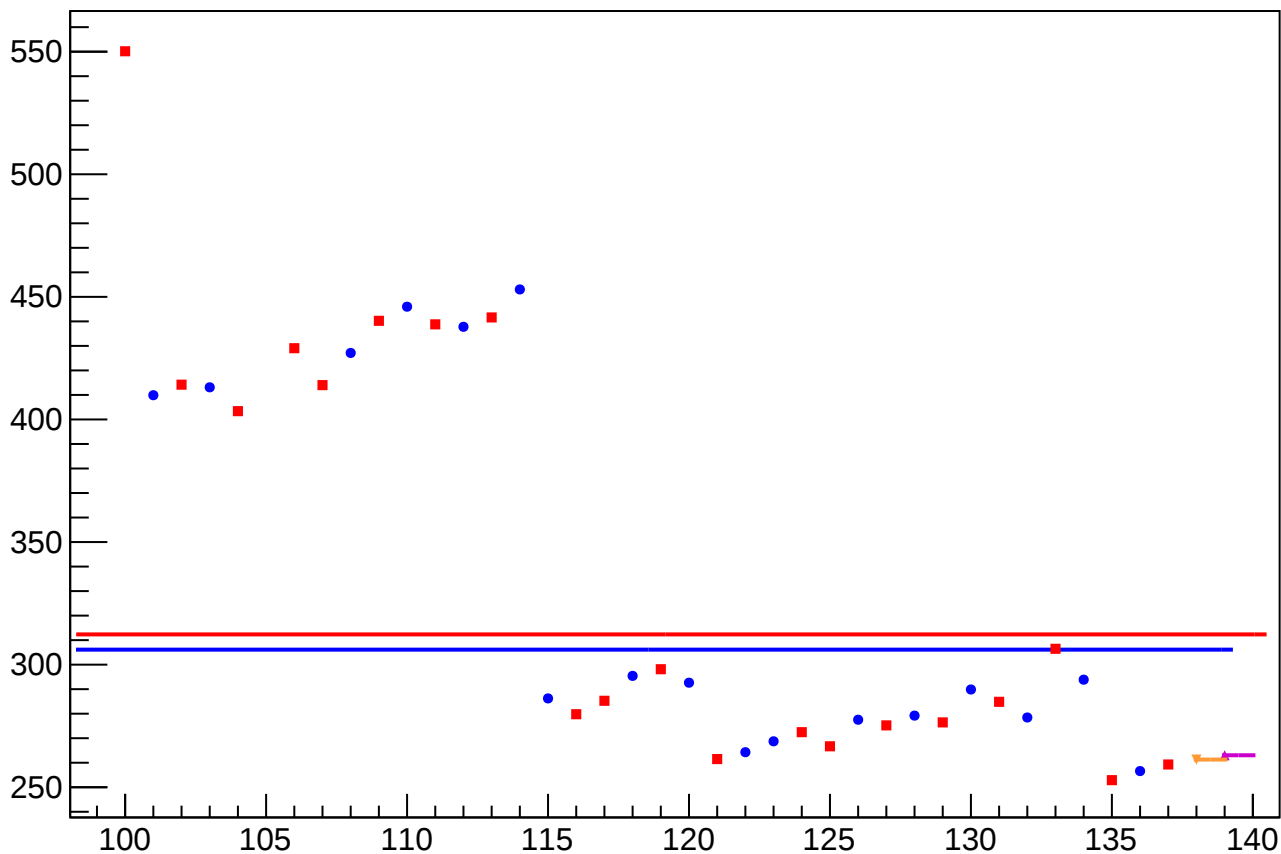
Right Out: -186.914+/-119.879 χ^2/NDF : 9.4/19

Left In: 46.954+/-308.805 χ^2/NDF : 0.0/0

320.003+/-112.513 χ^2/NDF : 14.3/17

-156.286+/-111.753 χ^2/NDF : 9.9/20

reg_asym_sam2_rms vs Slug



Right In: 306.123+/-0.086 χ^2/NDF : 508435.8/16

Left Out: 261.287+/-0.216 χ^2/NDF : 0.0/0

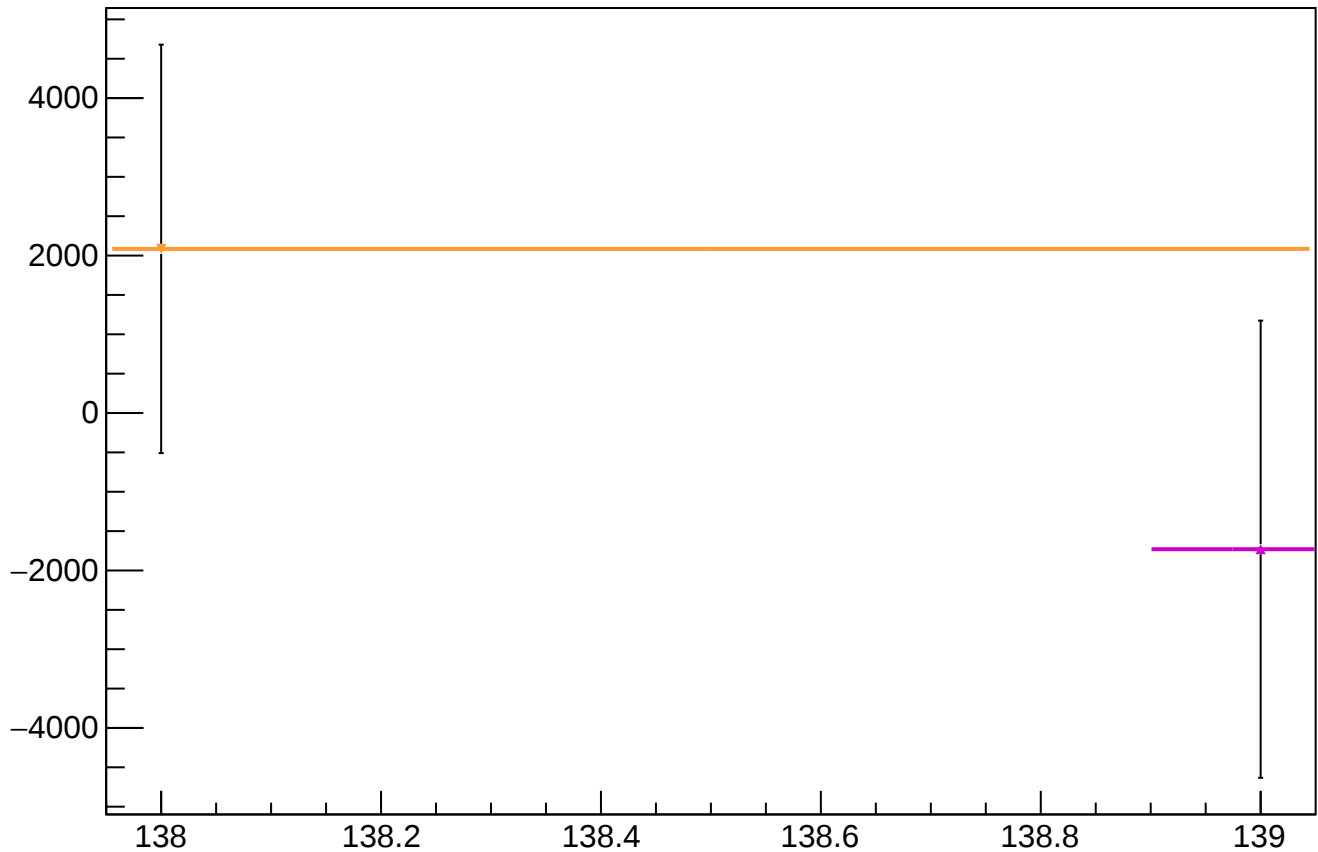
Right Out: 312.335+/-0.085 χ^2/NDF : 626552.3/19

Left In: 263.045+/-0.218 χ^2/NDF : 0.0/0

300.024+/-0.080 χ^2/NDF : 545762.9/17

305.880+/-0.079 χ^2/NDF : 670832.4/20

asym_sam2_correction_mean vs Slug



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

Left Out: 2084.942+/-2593.755 χ^2 /NDF:0.0/0

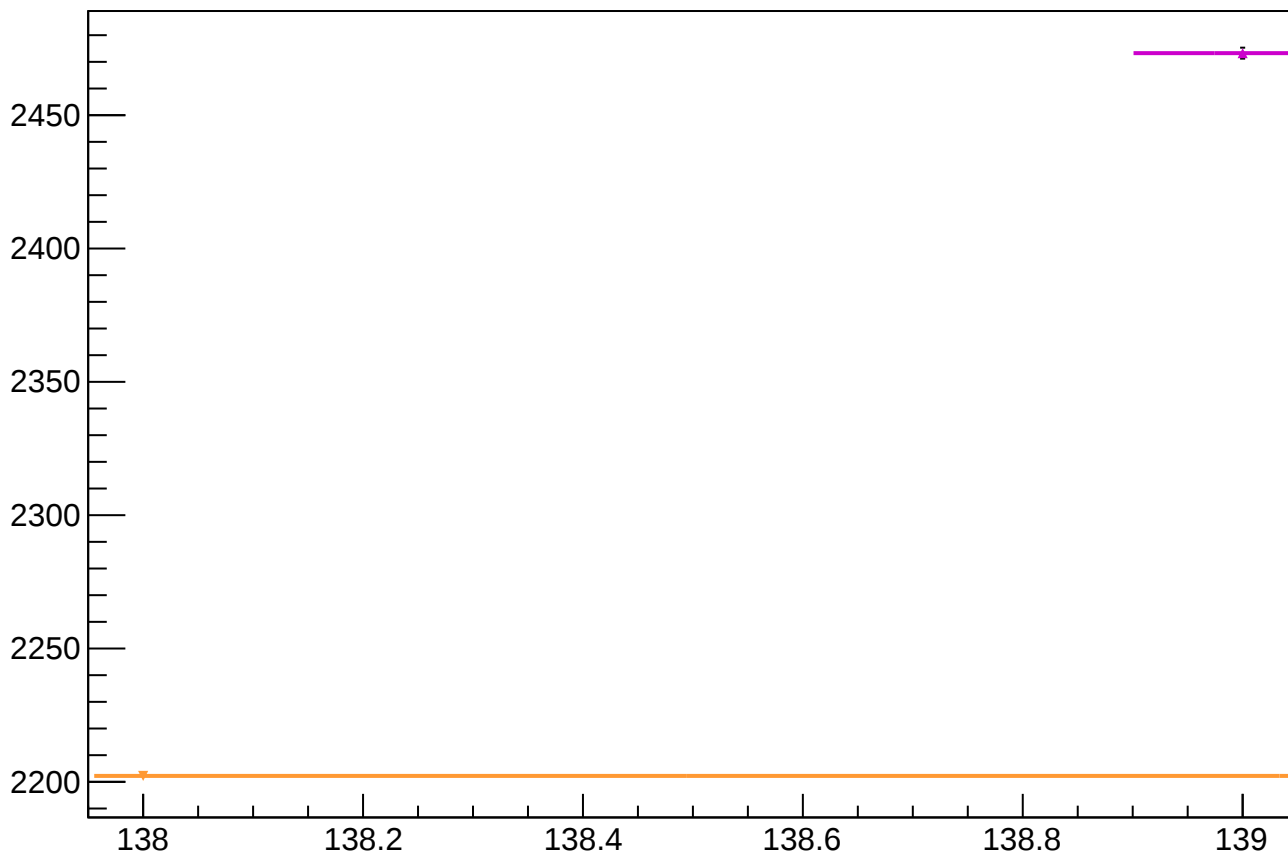
2084.942+/-2593.755 χ^2 /NDF: 0.0/0

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

-1729.751+/-2903.375 χ^2 /NDF: 0.0/0

Left In: -1729.751+/-2903.375 χ^2 /NDF:0.0/0

asym_sam2_correction_rms vs Slug



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

2202.227+/-1.834 χ^2/NDF : 0.0/0

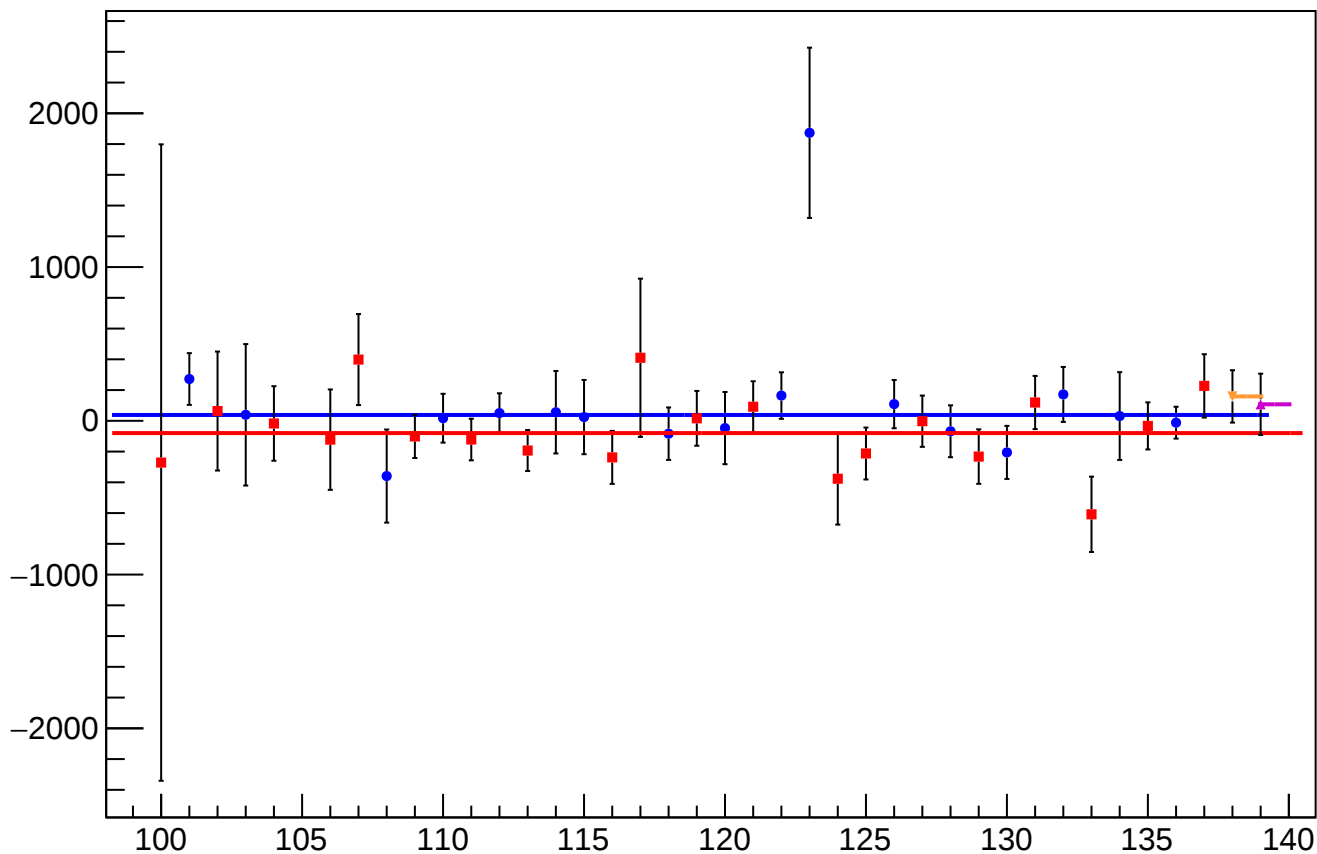
Left Out: 2202.227+/-1.834 χ^2/NDF : 0.0/0

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

2473.267+/-2.053 χ^2/NDF : 0.0/0

Left In: 2473.267+/-2.053 χ^2/NDF : 0.0/0

reg_asym_sam3_mean vs Slug



Right In: 38.126 ± 43.548 χ^2/NDF : 19.4/16

Left Out: 158.769 ± 170.298 χ^2/NDF : 0.0/0

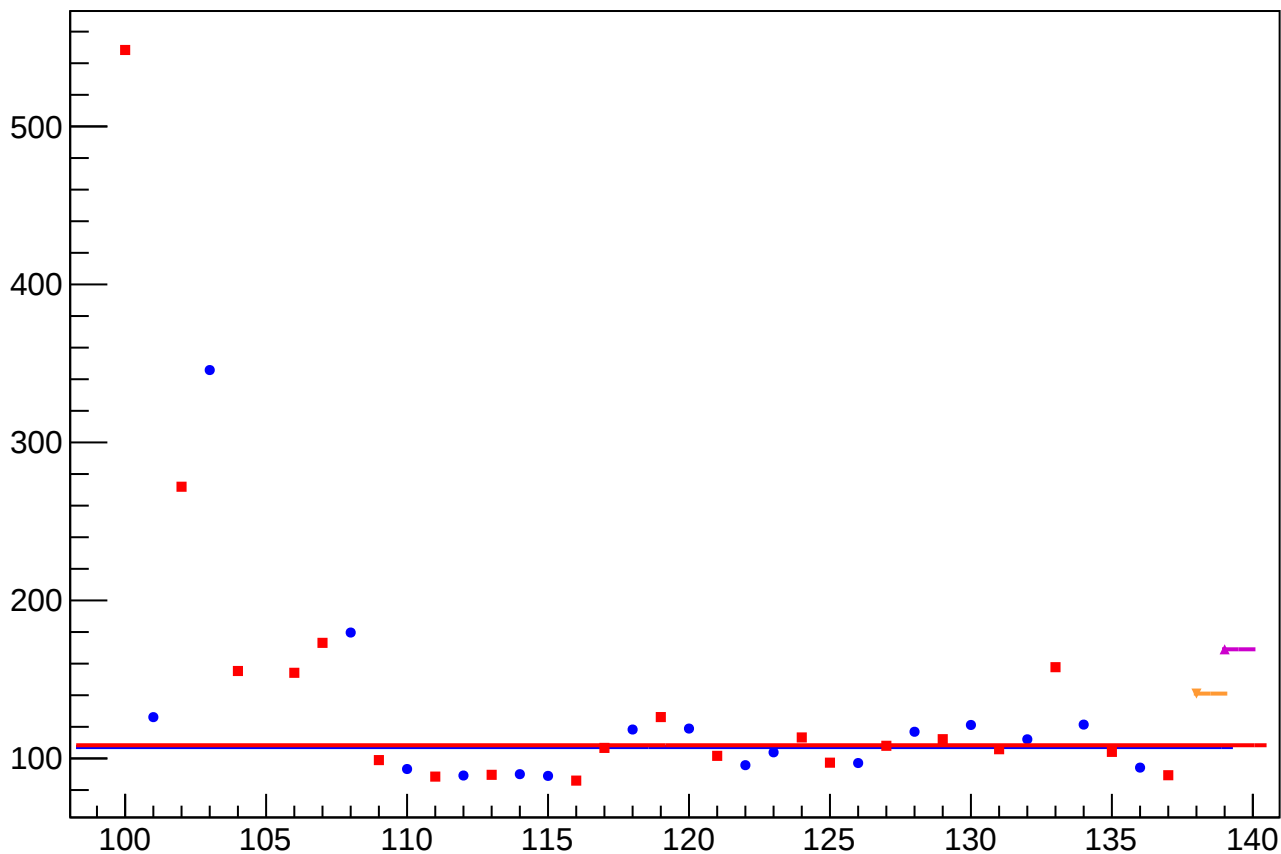
Right Out: -79.665 ± 42.948 χ^2/NDF : 17.6/19

Left In: 107.318 ± 199.269 χ^2/NDF : 0.0/0

45.531 ± 42.190 χ^2/NDF : 19.9/17

-71.365 ± 41.984 χ^2/NDF : 18.5/20

reg_asym_sam3_rms vs Slug



Right In: 107.189+/-0.031 χ^2/NDF : 843115.1/16

Left Out: 141.038+/-0.120 χ^2/NDF : 0.0/0

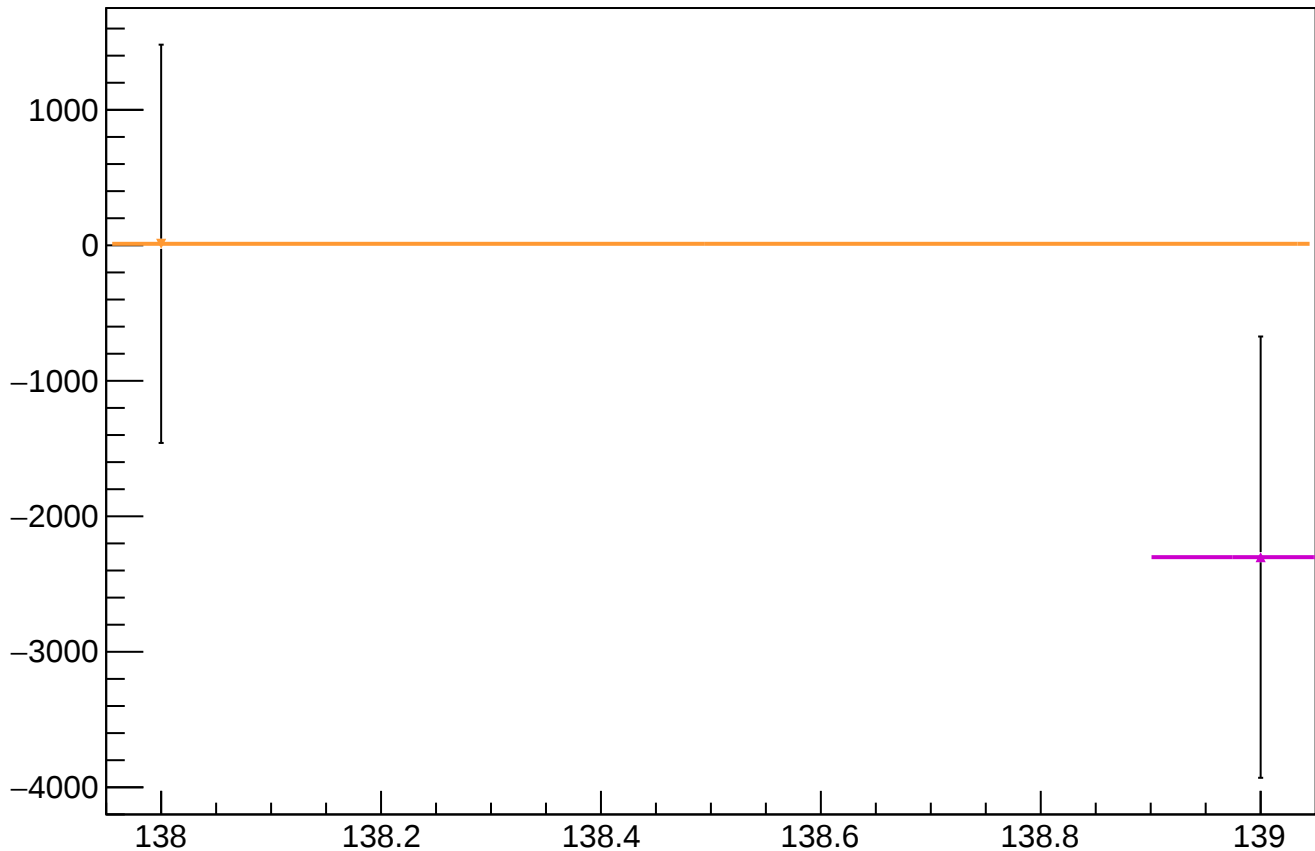
Right Out: 108.347+/-0.030 χ^2/NDF : 917309.2/19

Left In: 169.069+/-0.141 χ^2/NDF : 0.0/0

109.267+/-0.030 χ^2/NDF : 917280.7/17

111.042+/-0.030 χ^2/NDF : 1094777.2/20

asym_sam3_correction_mean vs Slug



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

Left Out: 11.278+/-1469.768 χ^2/NDF : 0.0/0

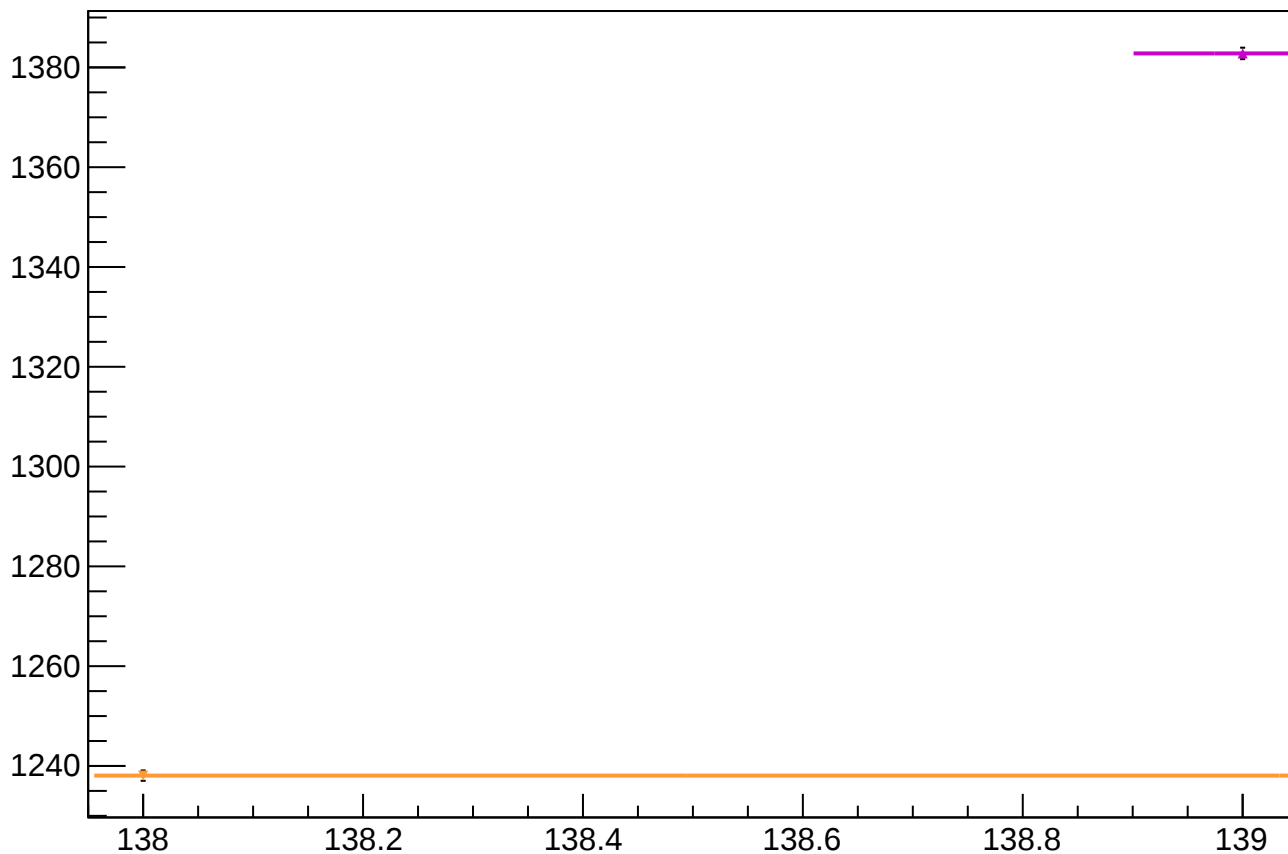
11.278+/-1469.768 χ^2/NDF : 0.0/0

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

-2301.403+/-1628.501 χ^2/NDF : 0.0/0

Left In: -2301.403+/-1628.501 χ^2/NDF : 0.0/0

asym_sam3_correction_rms vs Slug



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

Left Out: 1238.065+/-1.039 χ^2/NDF : 0.0/0

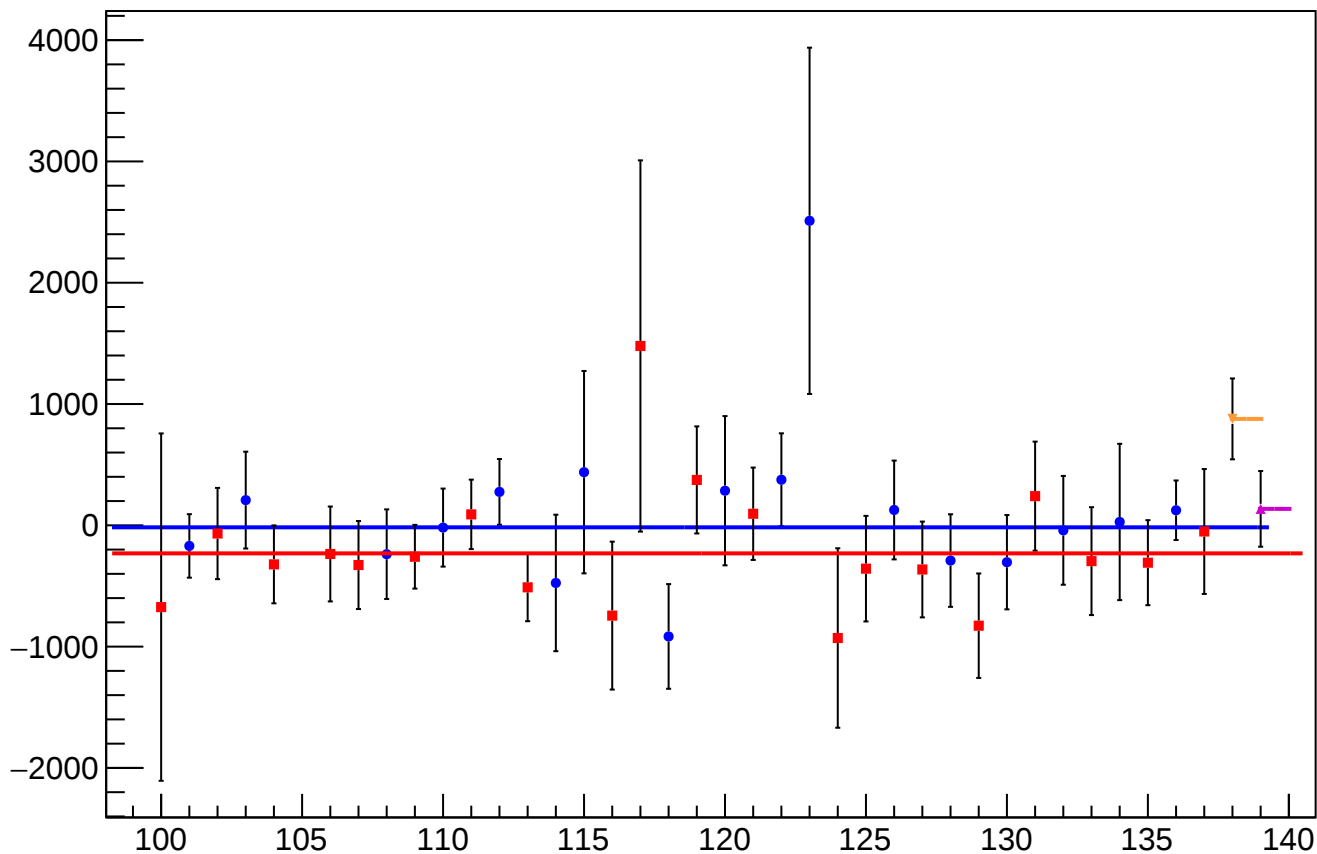
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1382.803+/-1.152 χ^2/NDF : 0.0/0

1238.065+/-1.039 χ^2/NDF : 0.0/0

1382.803+/-1.152 χ^2/NDF : 0.0/0

reg_asym_sam4_mean vs Slug



Right In: -16.459 ± 93.285 χ^2/NDF : 13.4/16

Left Out: 877.408 ± 333.338 χ^2/NDF : 0.0/0

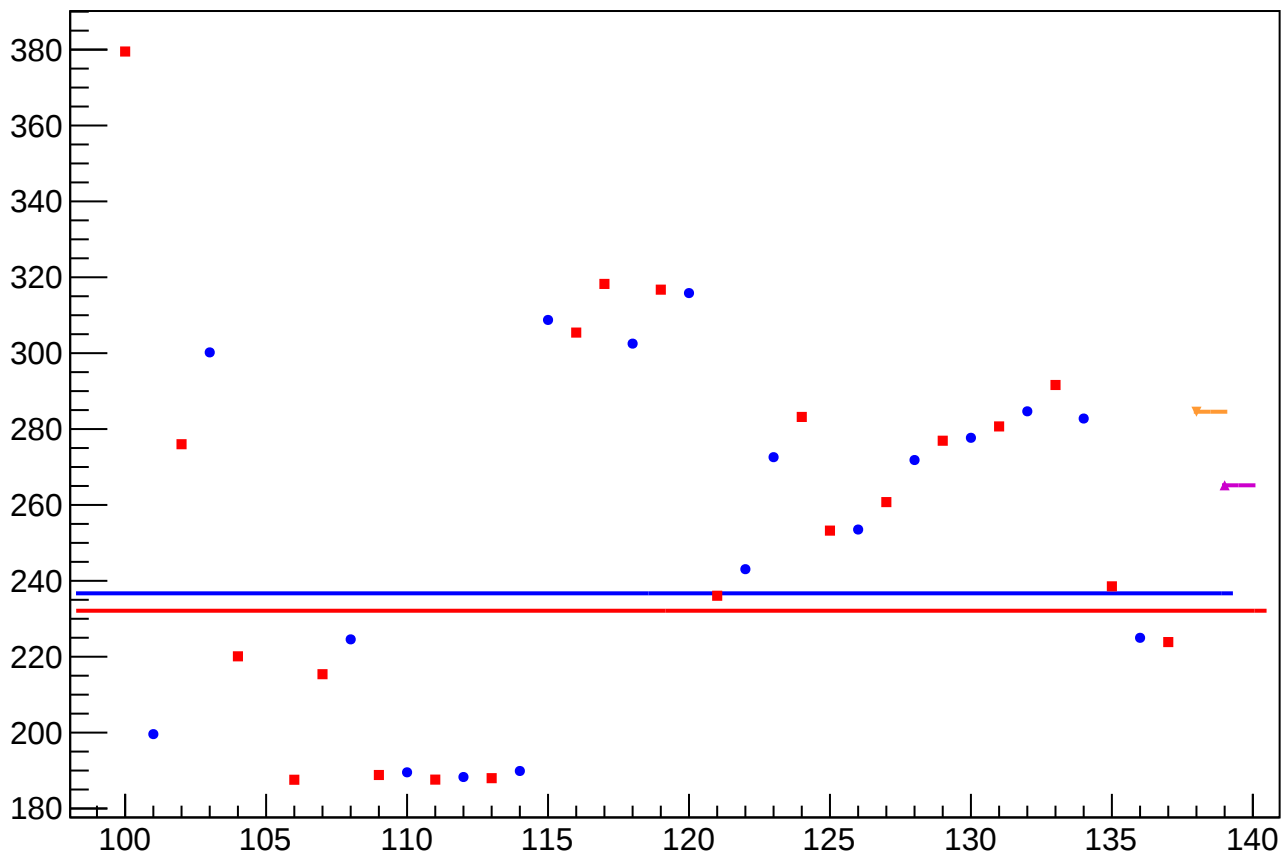
Right Out: -231.209 ± 88.787 χ^2/NDF : 11.6/19

Left In: 135.597 ± 311.998 χ^2/NDF : 0.0/0

48.460 ± 89.833 χ^2/NDF : 20.1/17

-203.729 ± 85.397 χ^2/NDF : 12.9/20

reg_asym_sam4_rms vs Slug



Right In: 236.706+/-0.066 χ^2/NDF : 390344.9/16

Left Out: 284.567+/-0.236 χ^2/NDF : 0.0/0

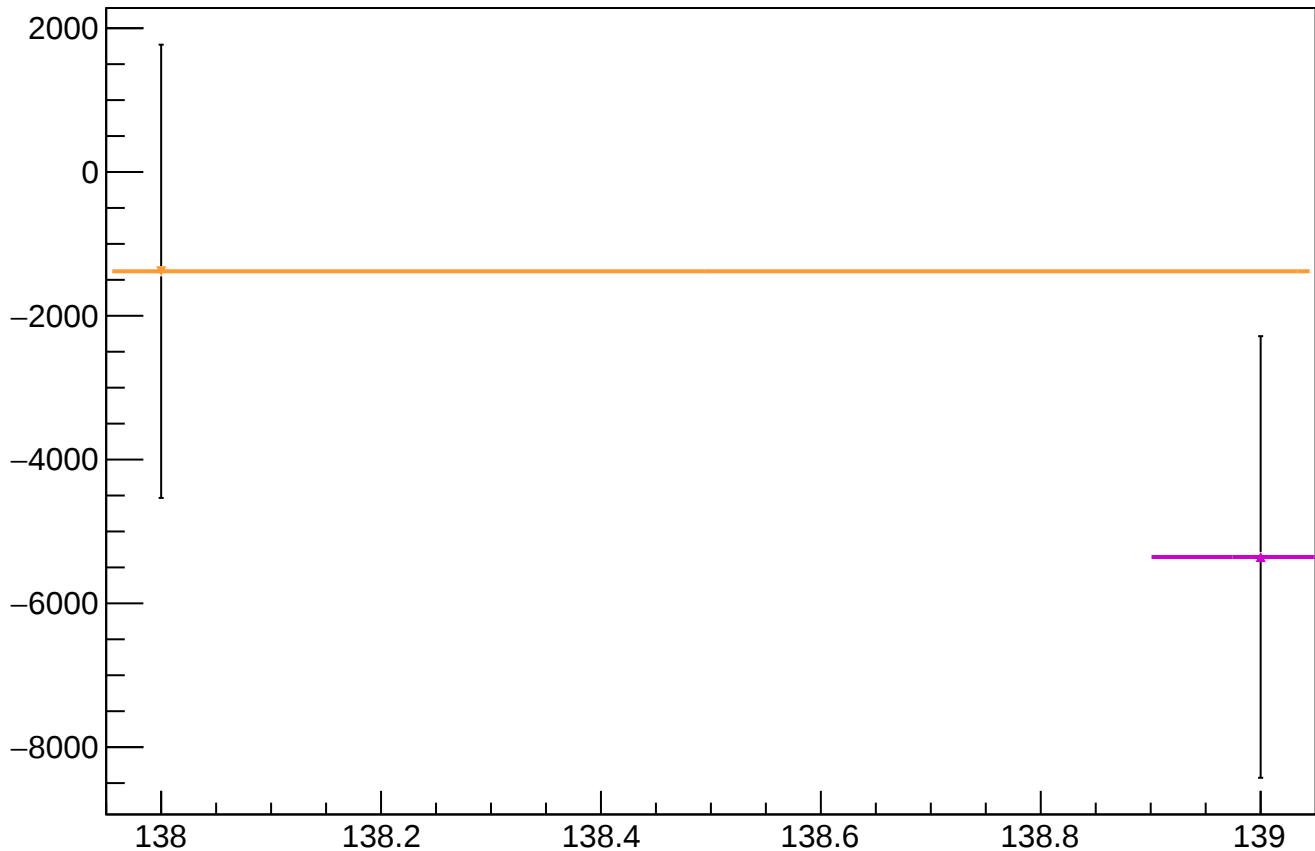
Right Out: 232.119+/-0.063 χ^2/NDF : 449633.1/19

Left In: 265.176+/-0.221 χ^2/NDF : 0.0/0

240.182+/-0.064 χ^2/NDF : 428580.9/17

234.596+/-0.060 χ^2/NDF : 470403.3/20

asym_sam4_correction_mean vs Slug



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

Left Out: -1381.263+/-3152.246 χ^2 /NDF:0.0/0

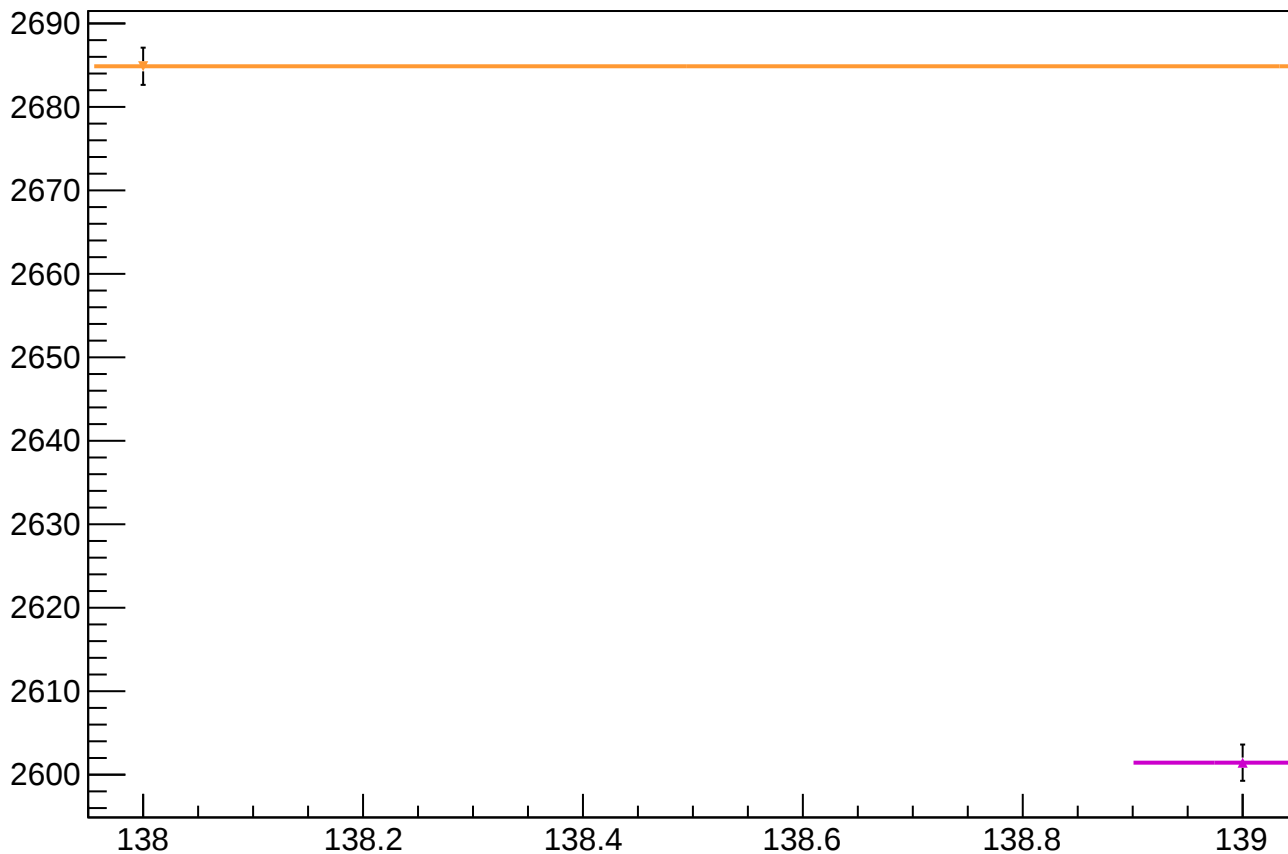
-1381.263+/-3152.246 χ^2 /NDF: 0.0/0

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

-5354.962+/-3071.386 χ^2 /NDF: 0.0/0

Left In: -5354.962+/-3071.386 χ^2 /NDF:0.0/0

asym_sam4_correction_rms vs Slug



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

Left Out: 2684.870+/-2.229 χ^2 /NDF: 0.0/0

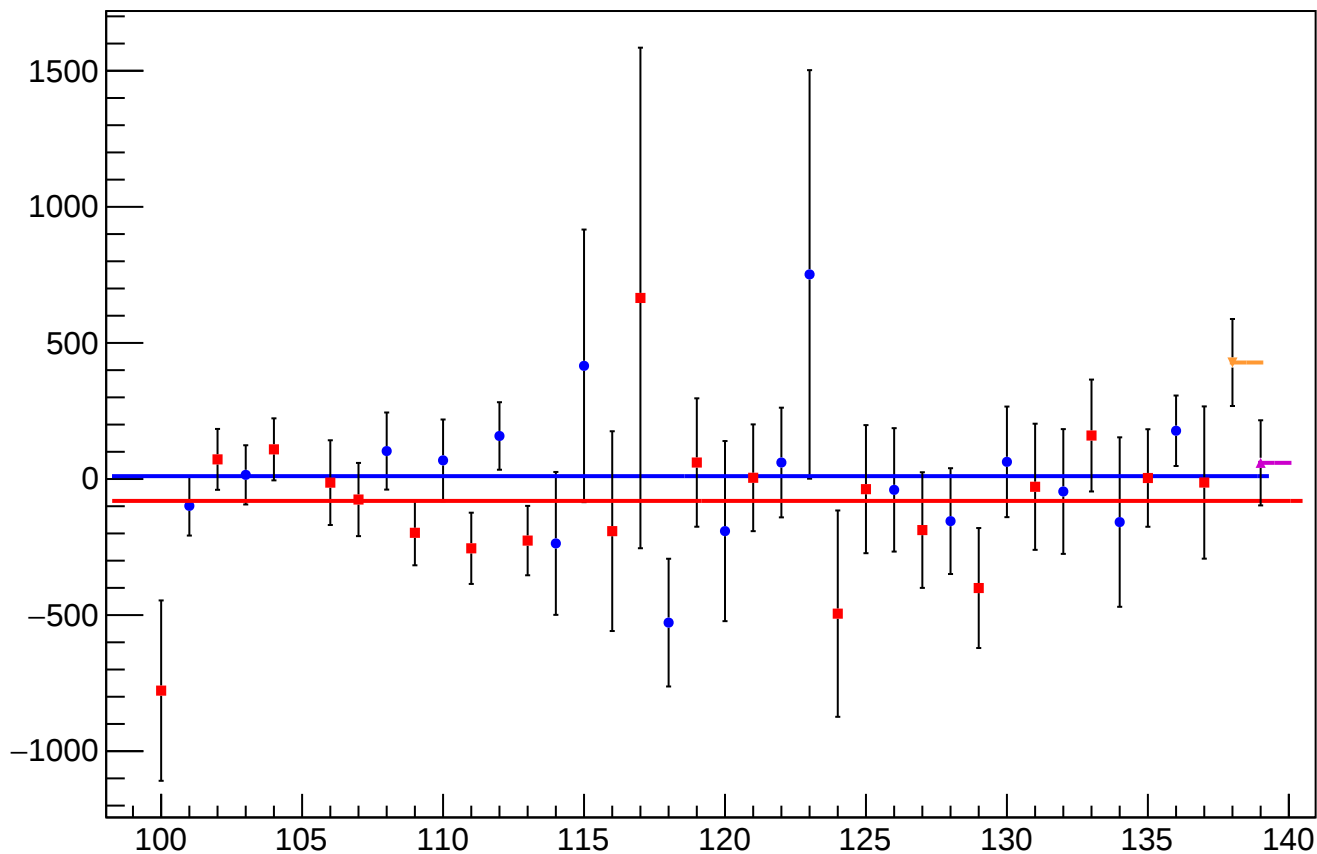
2684.870+/-2.229 χ^2 /NDF: 0.0/0

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

2601.439+/-2.172 χ^2 /NDF: 0.0/0

Left In: 2601.439+/-2.172 χ^2 /NDF: 0.0/0

reg_asym_sam5_mean vs Slug



Right In: 10.530+/-42.294 χ^2/NDF : 14.1/16

Left Out: 428.095+/-159.862 χ^2/NDF : 0.0/0

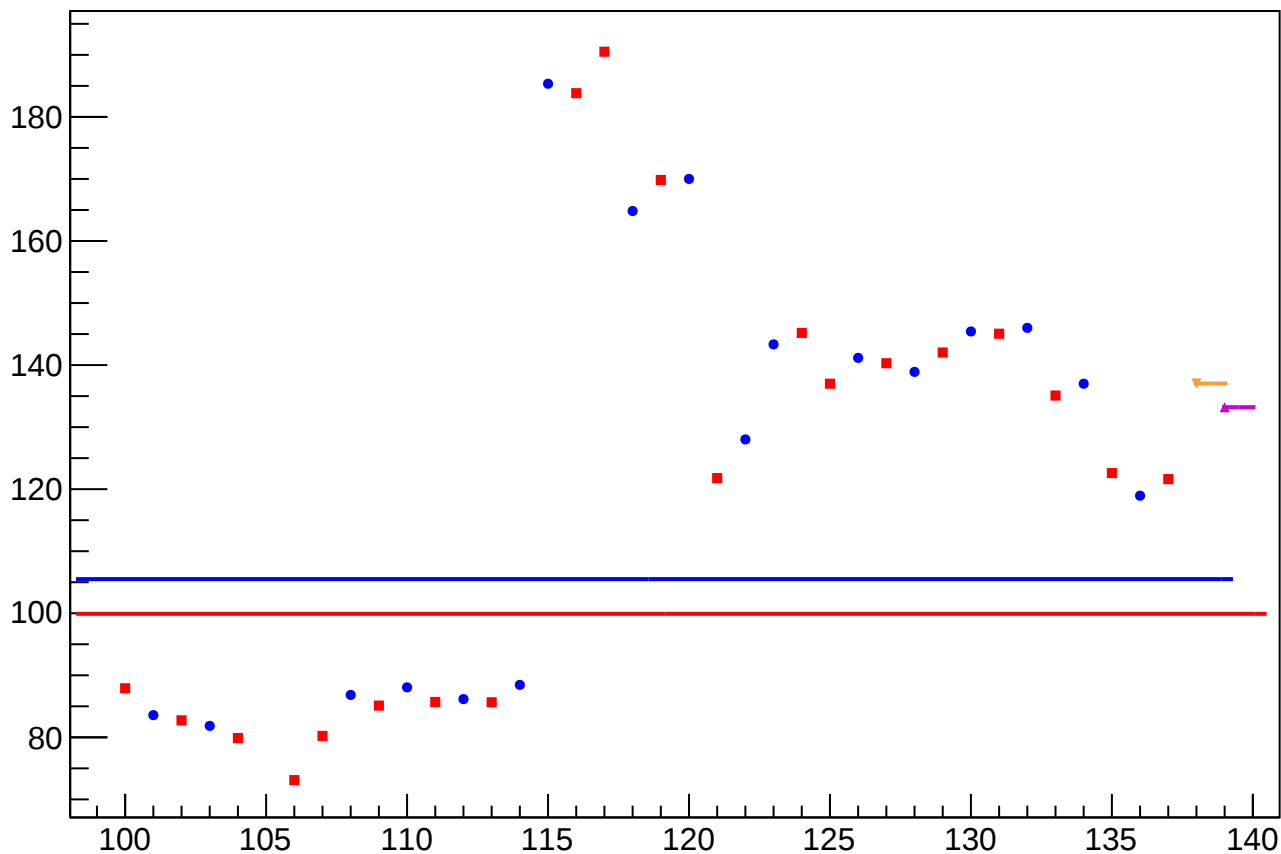
Right Out: -80.462+/-38.950 χ^2/NDF : 19.9/19

Left In: 59.415+/-156.418 χ^2/NDF : 0.0/0

37.846+/-40.888 χ^2/NDF : 20.4/17

-72.295+/-37.796 χ^2/NDF : 20.6/20

reg_asym_sam5_rms vs Slug



Right In: 105.503+/-0.030 χ^2/NDF : 869022.6/16

Left Out: 137.028+/-0.113 χ^2/NDF : 0.0/0

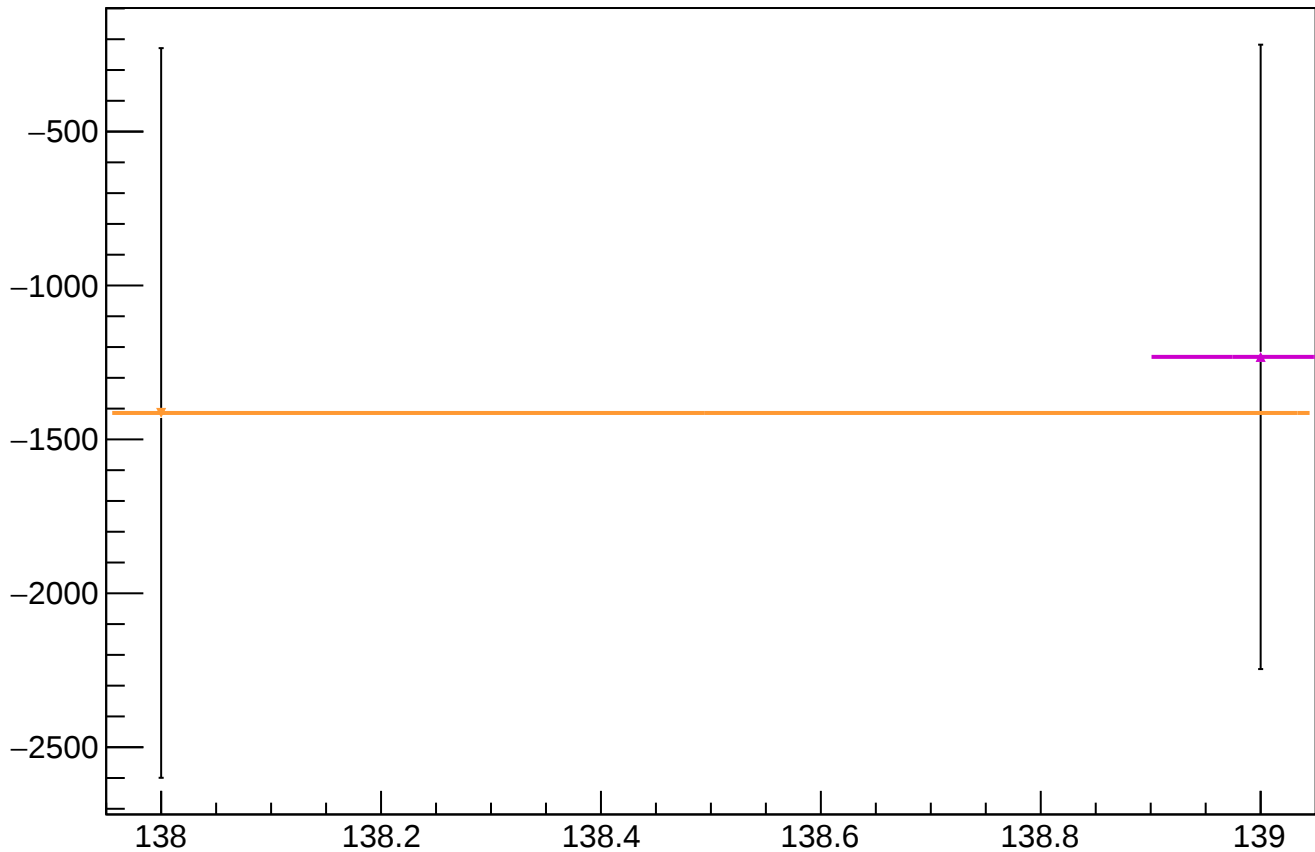
Right Out: 99.907+/-0.028 χ^2/NDF : 1019545.3/19

Left In: 133.215+/-0.111 χ^2/NDF : 0.0/0

107.565+/-0.029 χ^2/NDF : 941712.9/17

101.852+/-0.027 χ^2/NDF : 1104940.8/20

asym_sam5_correction_mean vs Slug



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

Left Out: -1414.121 $\pm$ 1185.231 χ^2/NDF : 0.0/0

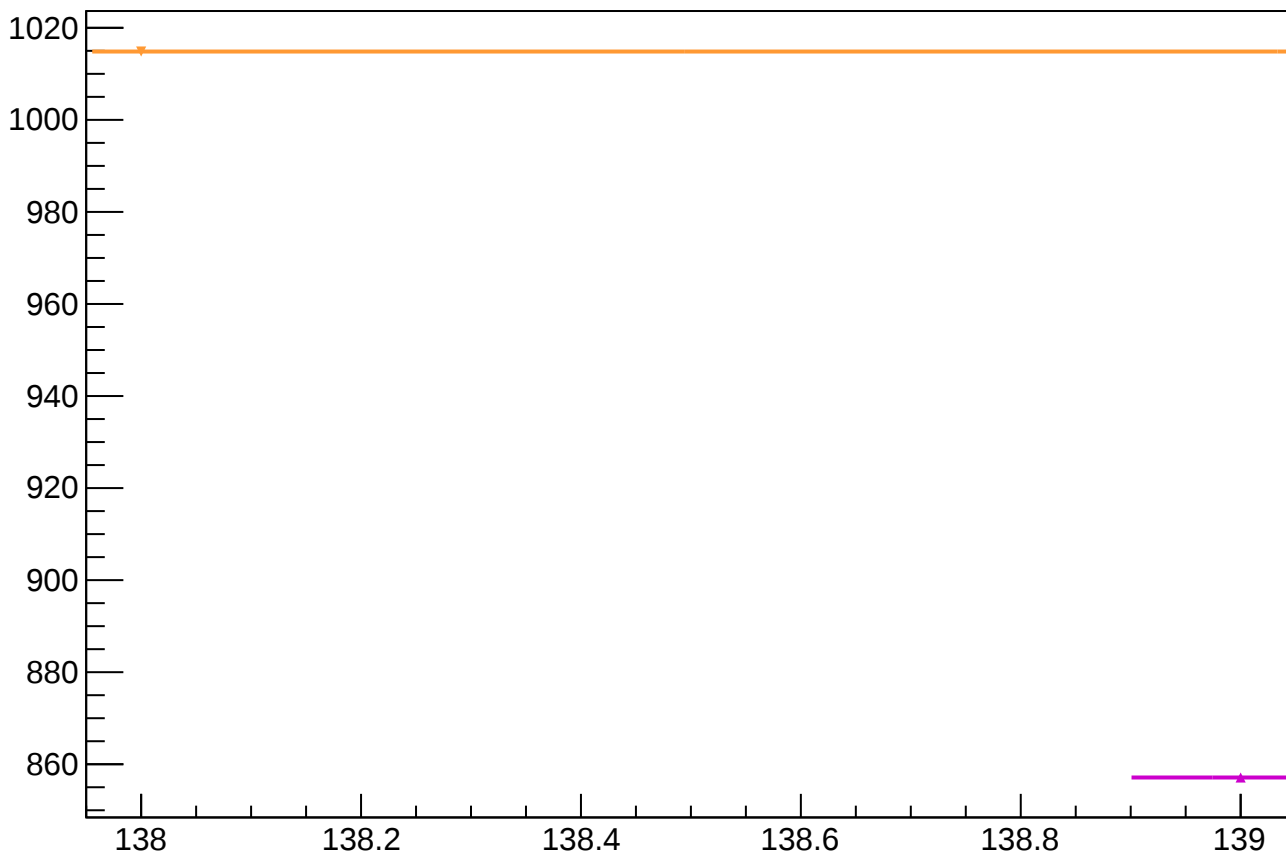
-1414.121 $\pm$ 1185.231 χ^2/NDF : 0.0/0

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

-1231.908 $\pm$ 1014.231 χ^2/NDF : 0.0/0

Left In: -1231.908 $\pm$ 1014.231 χ^2/NDF : 0.0/0

asym_sam5_correction_rms vs Slug



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

Left Out: 1014.849 $\pm$ 0.838 χ^2/NDF : 0.0/0

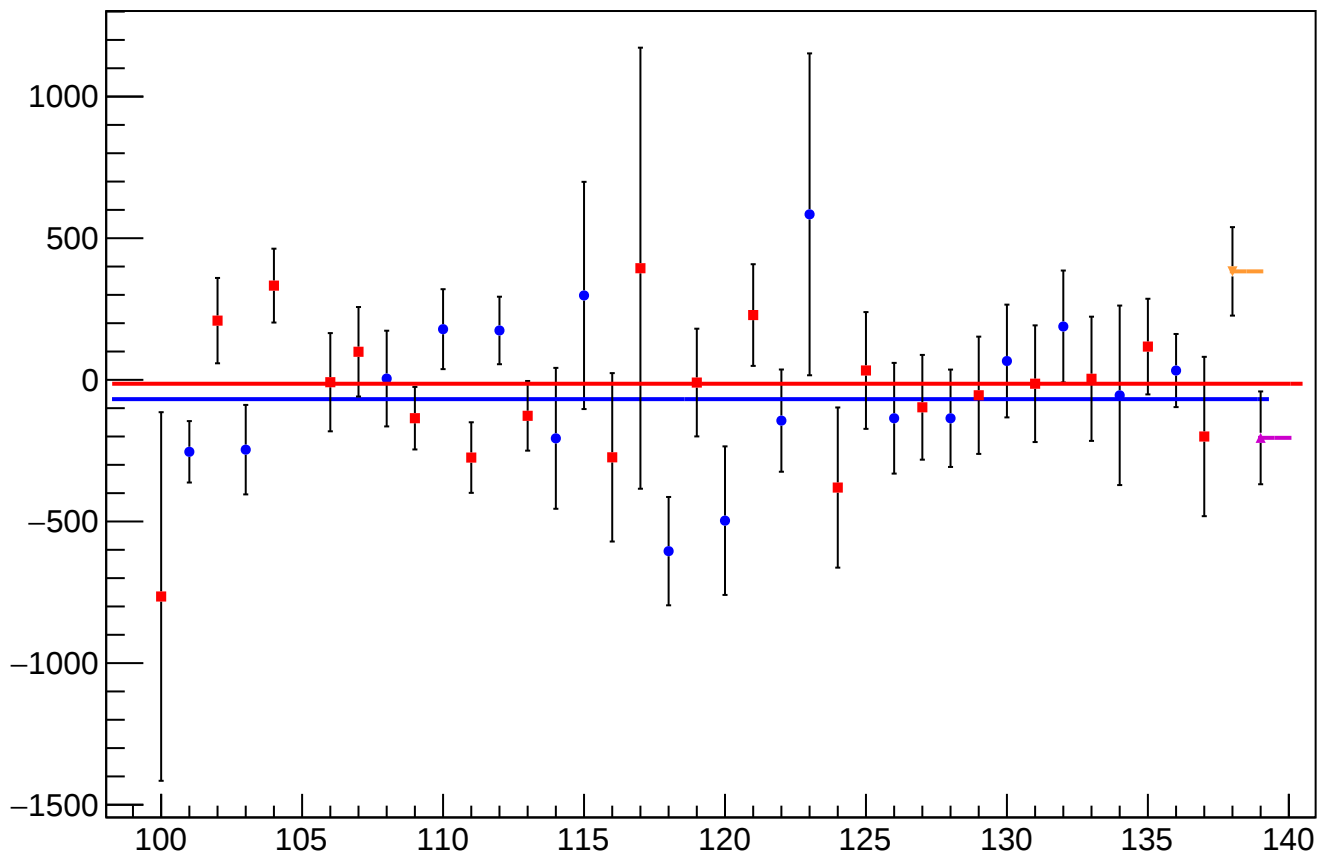
Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 857.119 $\pm$ 0.717 χ^2/NDF : 0.0/0

1014.849 $\pm$ 0.838 χ^2/NDF : 0.0/0

857.119 $\pm$ 0.717 χ^2/NDF : 0.0/0

reg_asym_sam6_mean vs Slug



Right In: -68.111 ± 42.265 χ^2/NDF : 27.8/16

Left Out: 382.954 ± 156.185 χ^2/NDF : 0.0/0

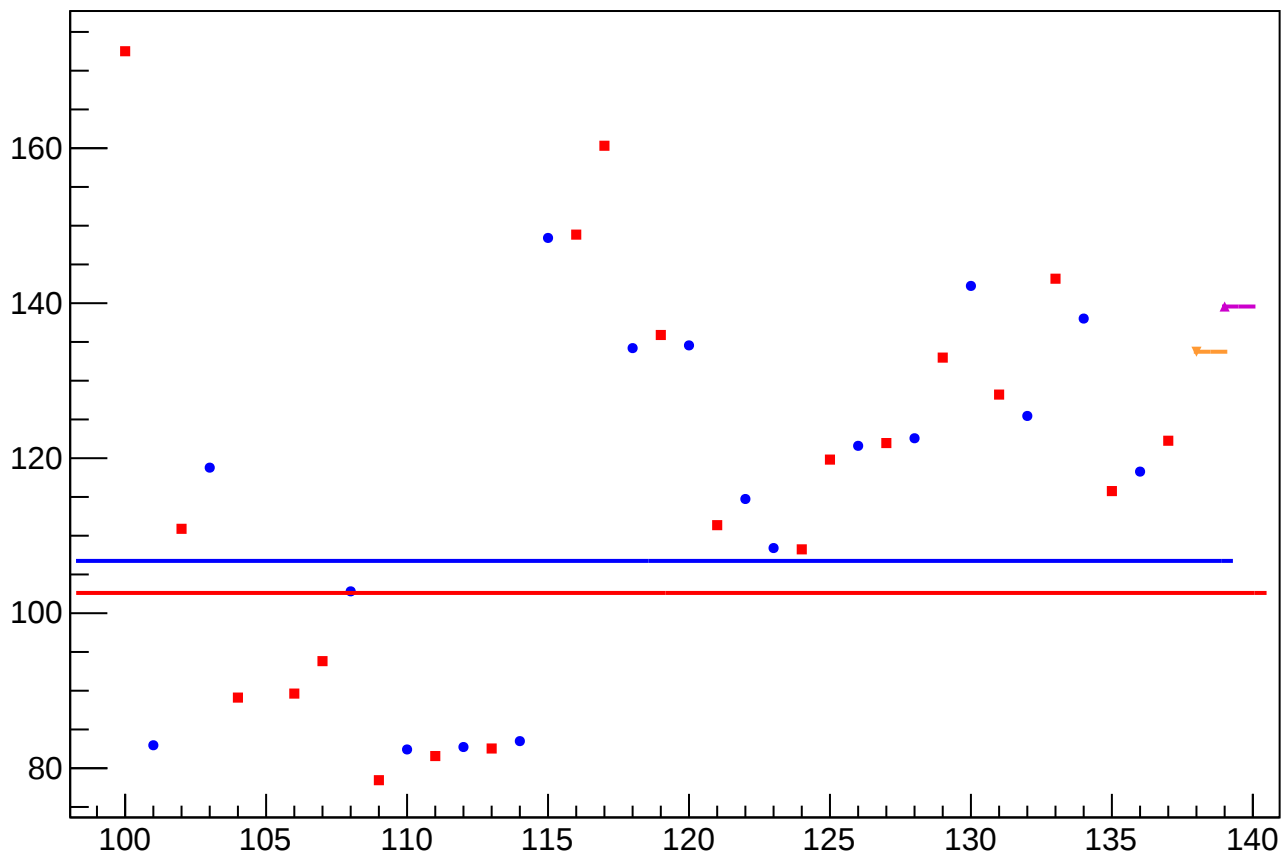
Right Out: -13.752 ± 39.416 χ^2/NDF : 23.4/19

Left In: -204.717 ± 163.817 χ^2/NDF : 0.0/0

-37.333 ± 40.798 χ^2/NDF : 35.6/17

-24.202 ± 38.322 χ^2/NDF : 24.7/20

reg_asym_sam6_rms vs Slug



Right In: 106.749+/-0.030 χ^2/NDF : 501742.8/16

Left Out: 133.738+/-0.110 χ^2/NDF : 0.0/0

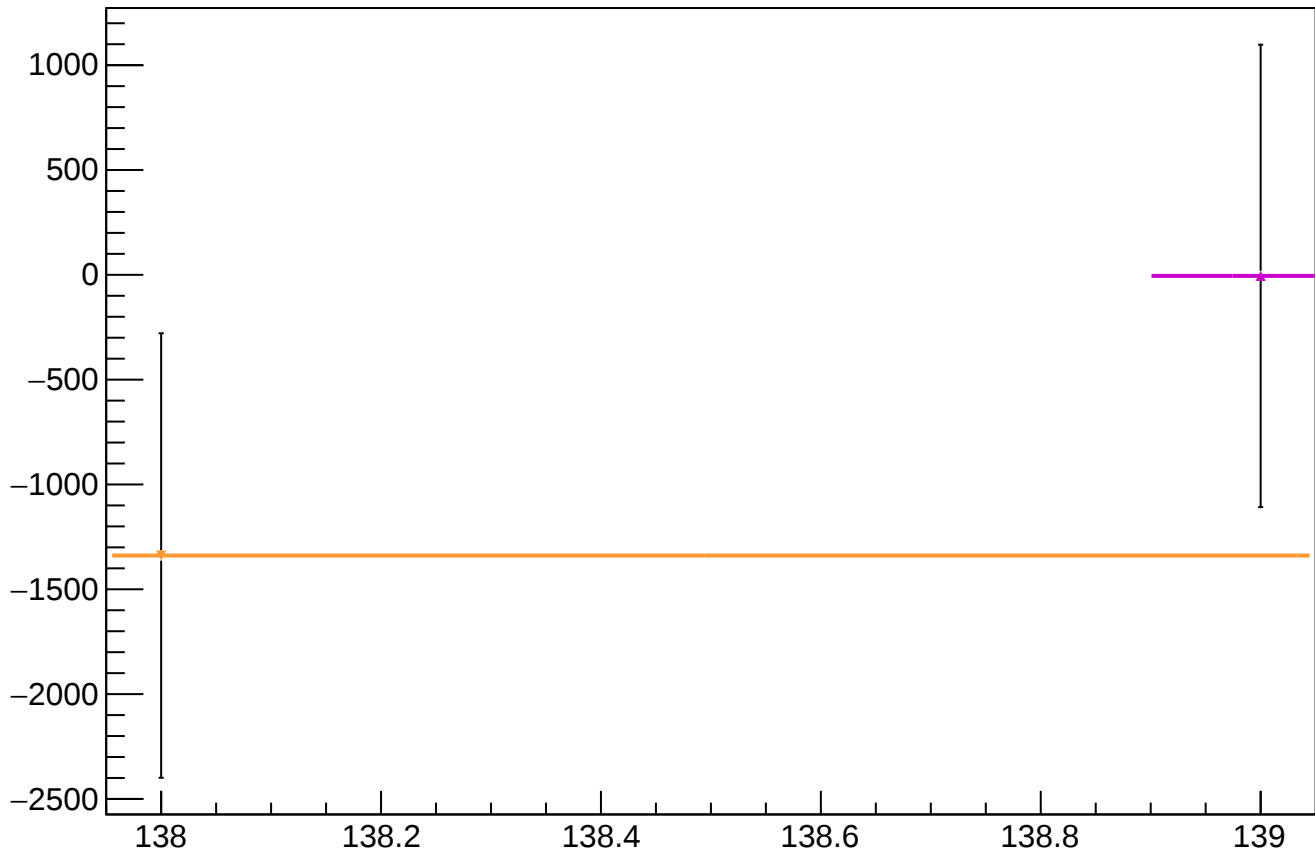
Right Out: 102.615+/-0.028 χ^2/NDF : 600357.6/19

Left In: 139.571+/-0.116 χ^2/NDF : 0.0/0

108.591+/-0.029 χ^2/NDF : 557387.0/17

104.638+/-0.027 χ^2/NDF : 696571.5/20

asym_sam6_correction_mean vs Slug



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

-1338.955+/-1060.222 χ^2 /NDF: 0.0/0

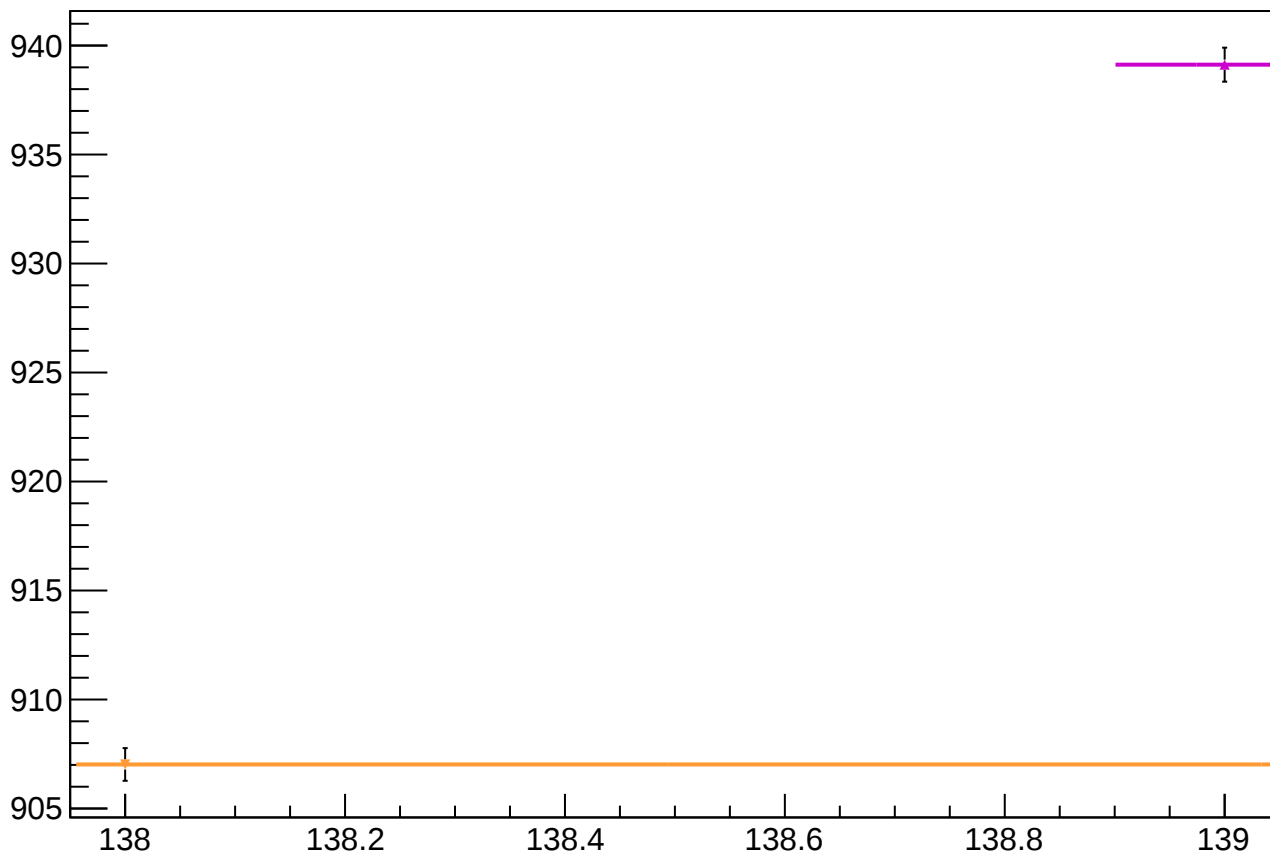
Left Out: -1338.955+/-1060.222 χ^2 /NDF: 0.0/0

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

-5.058+/-1102.884 χ^2 /NDF: 0.0/0

Left In: -5.058+/-1102.884 χ^2 /NDF: 0.0/0

asym_sam6_correction_rms vs Slug



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

Left Out: 907.021 $\pm$ 0.750 χ^2 /NDF: 0.0/0

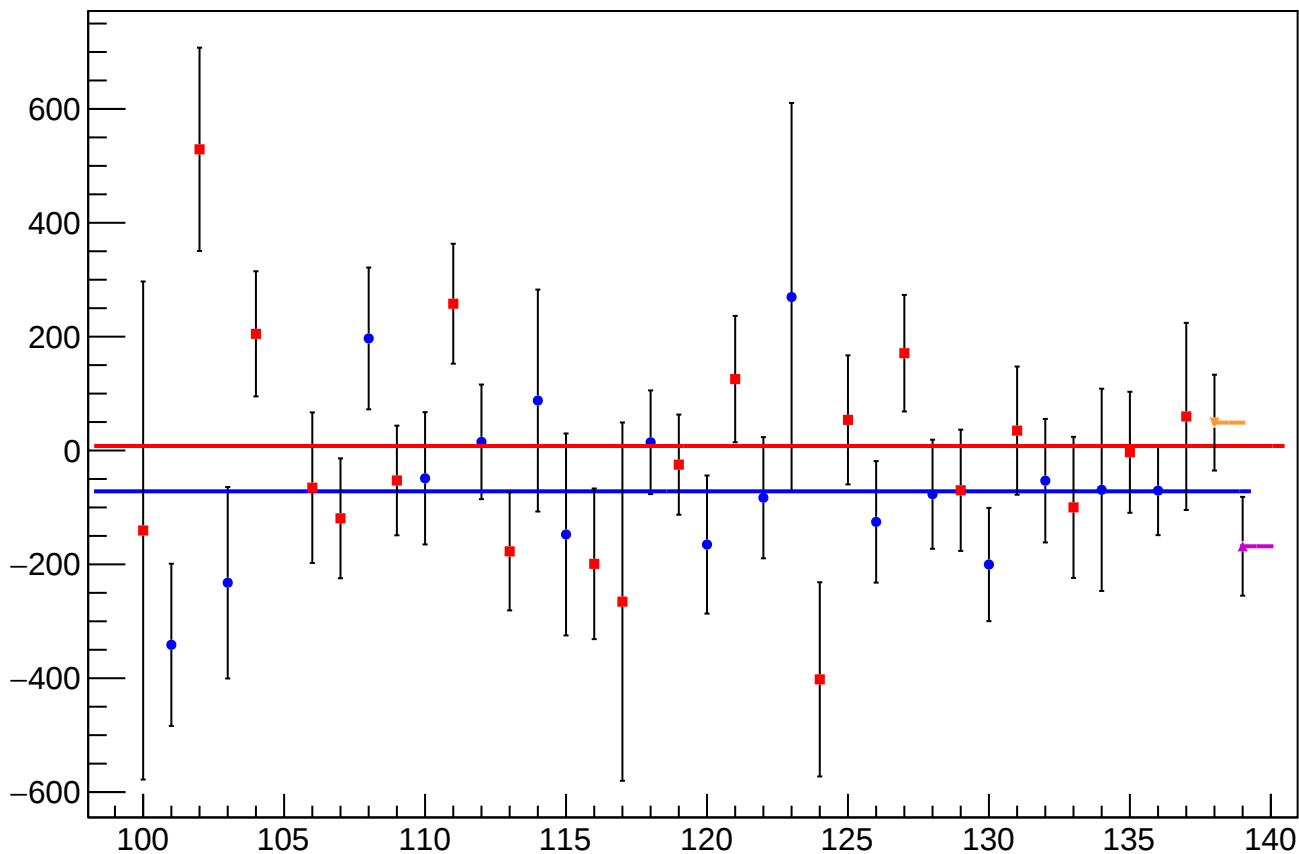
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 939.123 $\pm$ 0.780 χ^2 /NDF: 0.0/0

907.021 $\pm$ 0.750 χ^2 /NDF: 0.0/0

939.123 $\pm$ 0.780 χ^2 /NDF: 0.0/0

reg_asym_sam7_mean vs Slug



Right In: -71.669 $\pm$ 28.358 χ^2 /NDF: 15.2/16

Left Out: 49.008 $\pm$ 84.174 χ^2 /NDF: 0.0/0

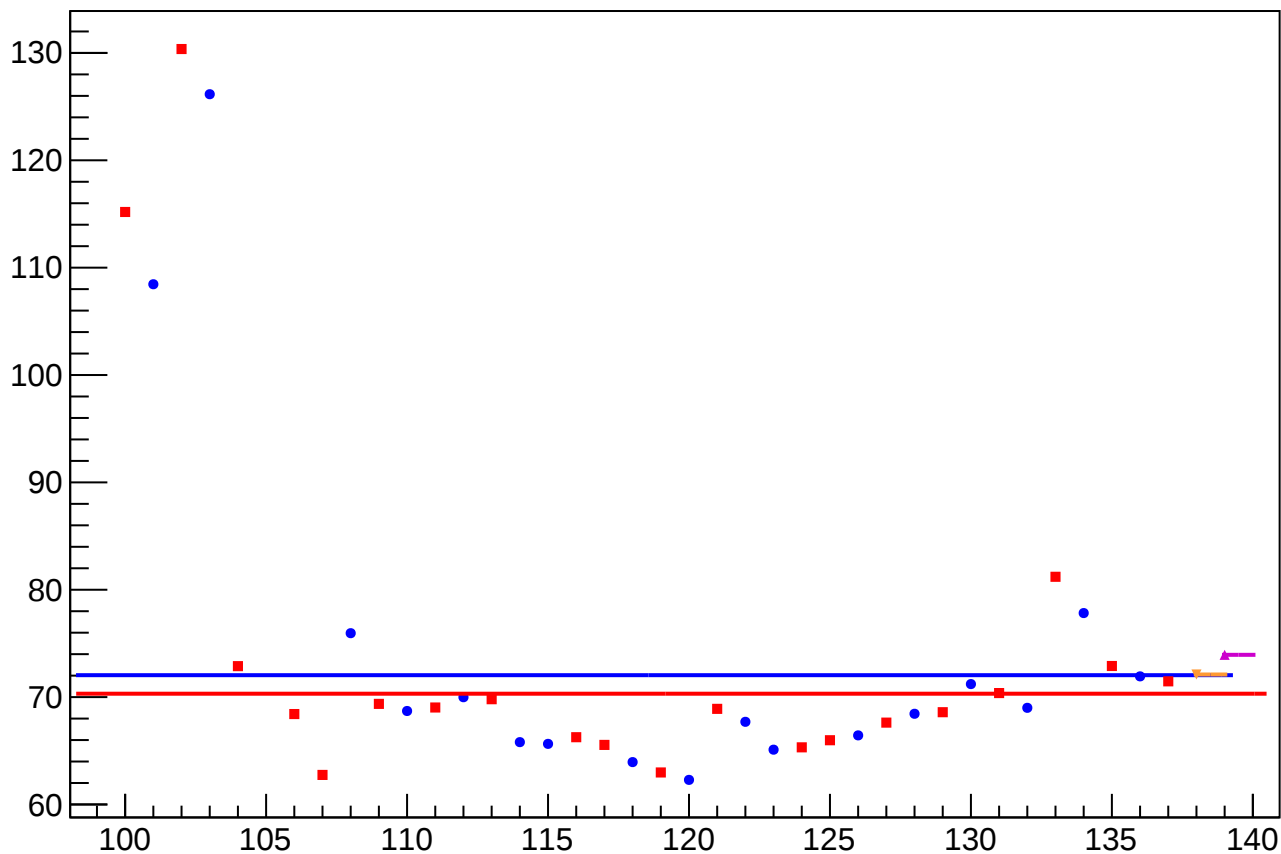
Right Out: 7.933 $\pm$ 26.719 χ^2 /NDF: 37.2/19

Left In: -168.215 $\pm$ 86.782 χ^2 /NDF: 0.0/0

-59.368 $\pm$ 26.874 χ^2 /NDF: 17.1/17

-7.320 $\pm$ 25.536 χ^2 /NDF: 41.0/20

reg_asym_sam7_rms vs Slug



Right In: 72.042 ± 0.020 $\chi^2/\text{NDF}: 391971.7/16$

Left Out: 72.105 ± 0.060 $\chi^2/\text{NDF}: 0.0/0$

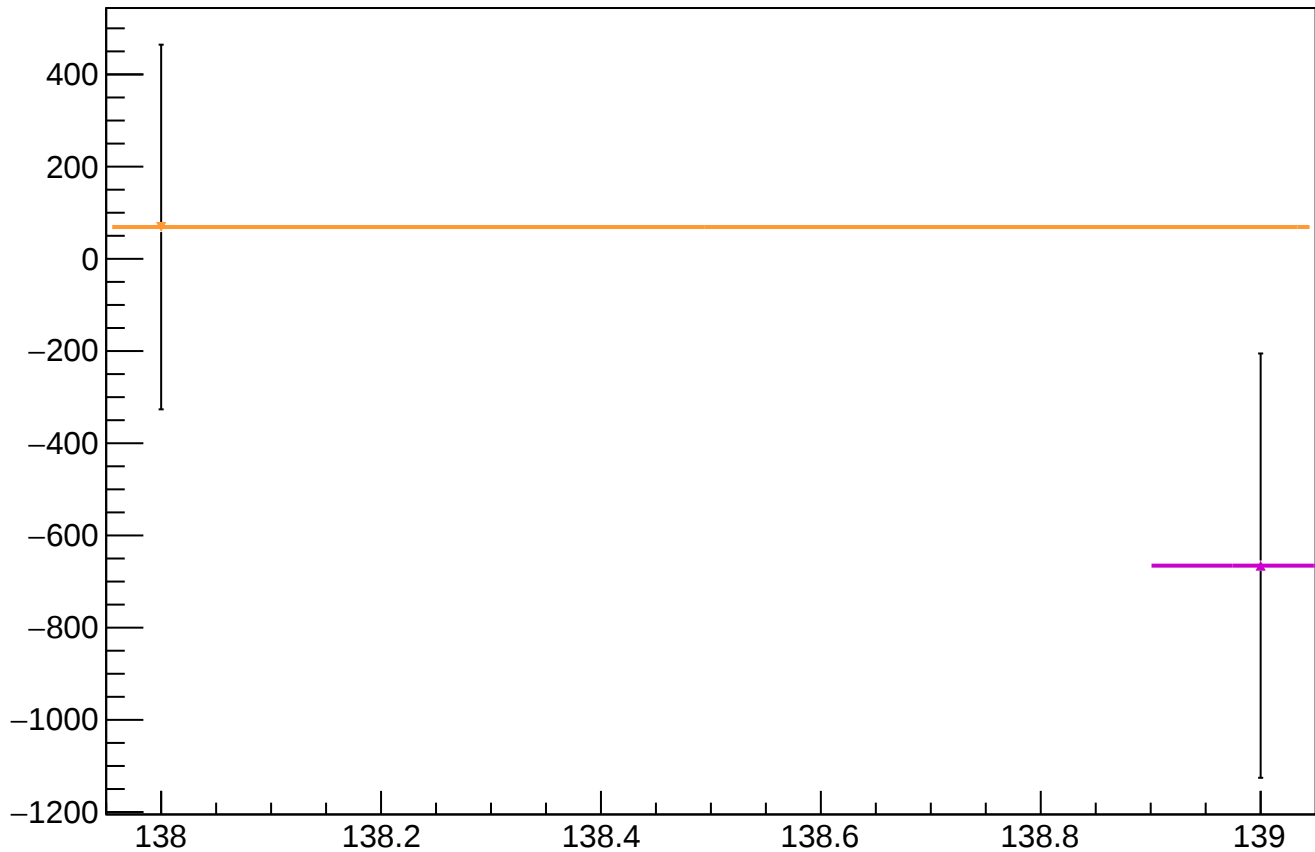
Right Out: 70.316 ± 0.019 $\chi^2/\text{NDF}: 299468.0/19$

Left In: 73.938 ± 0.061 $\chi^2/\text{NDF}: 0.0/0$

72.049 ± 0.019 $\chi^2/\text{NDF}: 391972.7/17$

70.630 ± 0.018 $\chi^2/\text{NDF}: 302649.7/20$

asym_sam7_correction_mean vs Slug



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

Left Out: 69.044+/-395.508 χ^2 /NDF:0.0/0

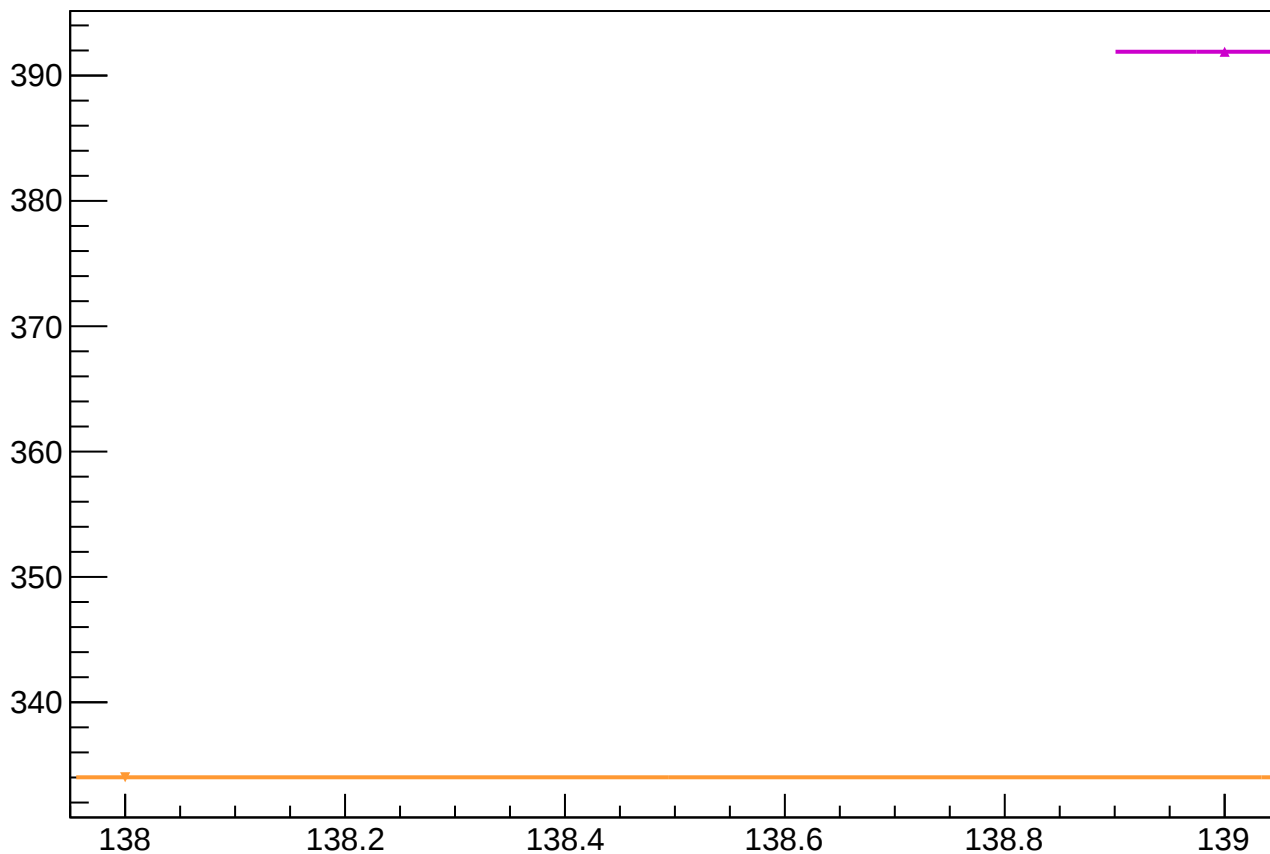
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -665.471+/-460.192 χ^2 /NDF:0.0/0

69.044+/-395.508 χ^2 /NDF: 0.0/0

-665.471+/-460.192 χ^2 /NDF: 0.0/0

asym_sam7_correction_rms vs Slug



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

Left Out: 334.015+/-0.280 χ^2/NDF : 0.0/0

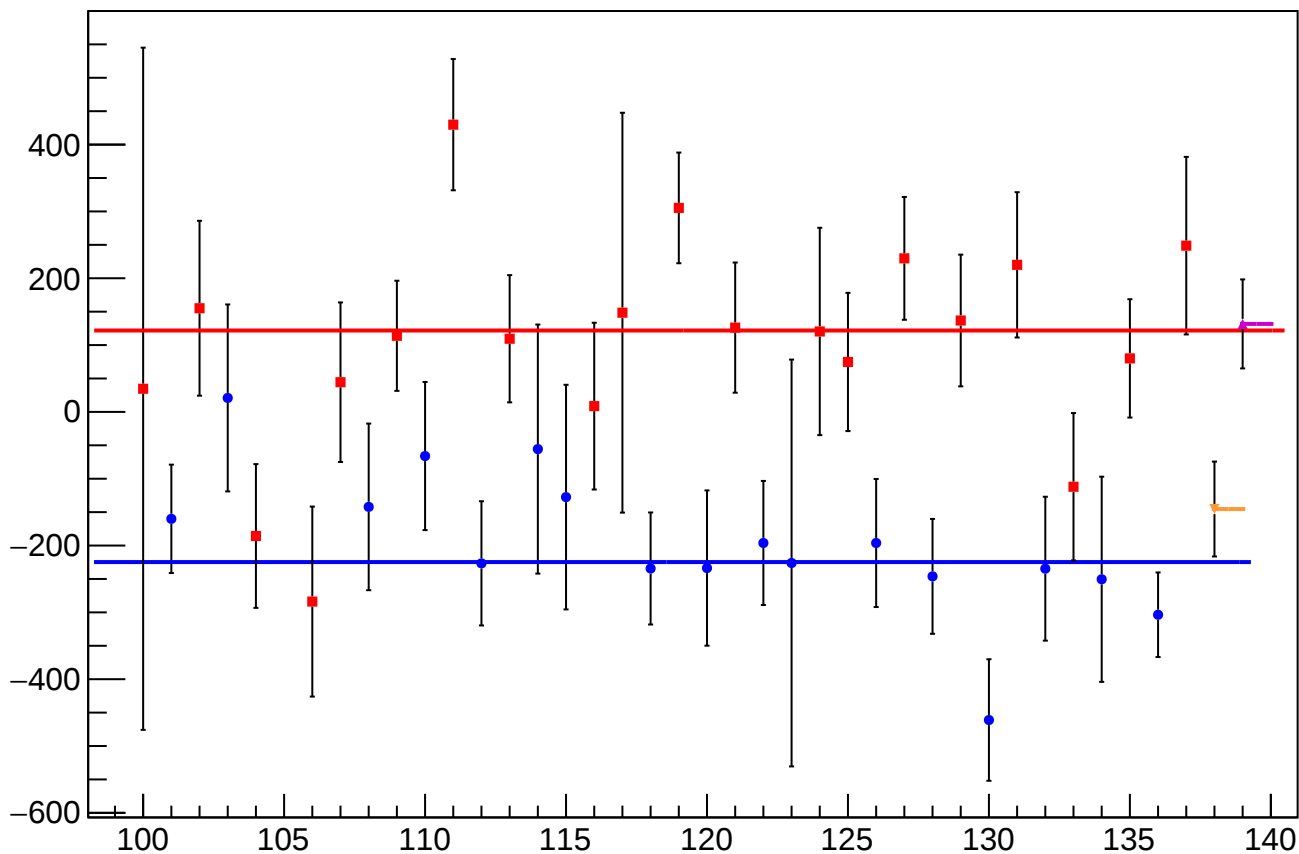
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 391.899+/-0.325 χ^2/NDF : 0.0/0

334.015+/-0.280 χ^2/NDF : 0.0/0

391.899+/-0.325 χ^2/NDF : 0.0/0

reg_asym_sam8_mean vs Slug



Right In: -224.727 $\pm$ 24.880 χ^2 /NDF: 16.0/16

Left Out: -145.351 $\pm$ 70.995 χ^2 /NDF: 0.0/0

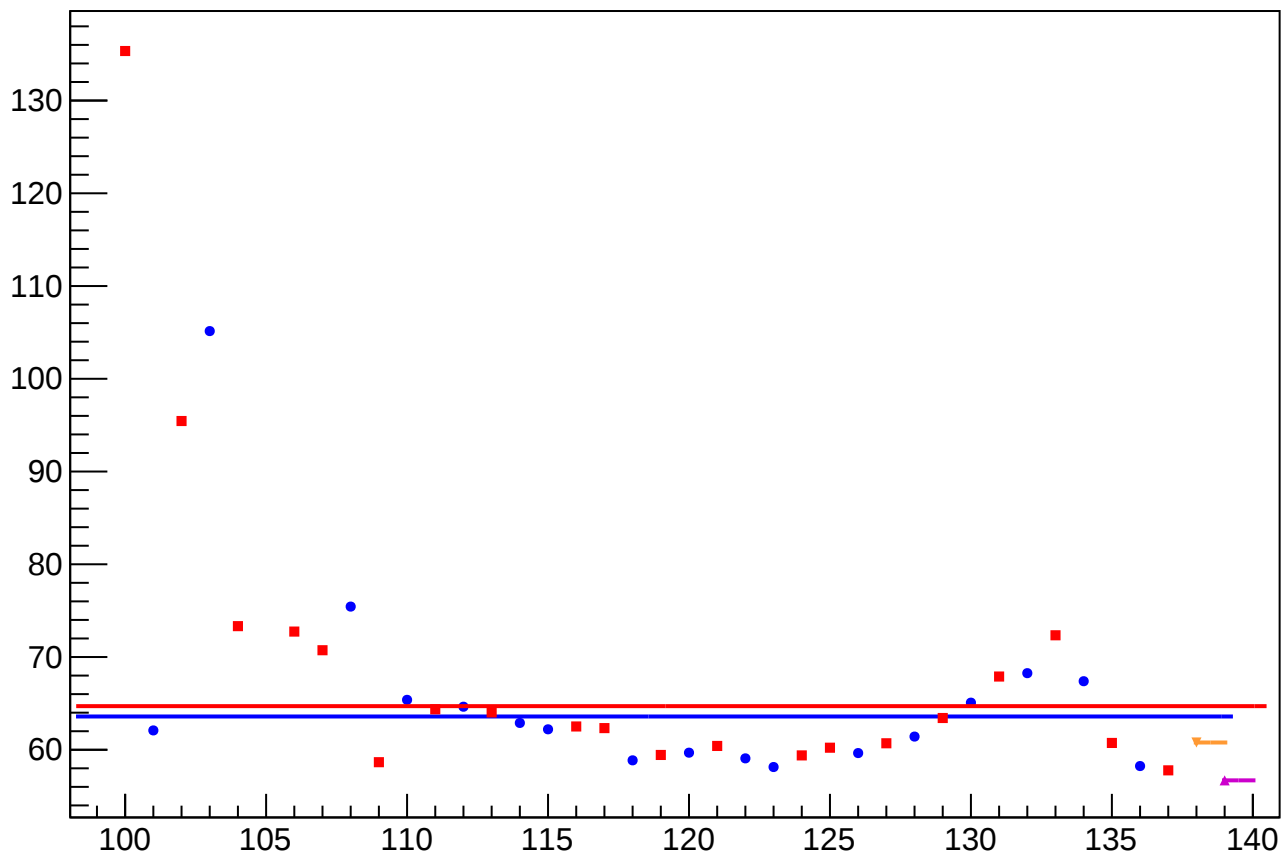
Right Out: 121.814 $\pm$ 24.516 χ^2 /NDF: 40.5/19

Left In: 131.674 $\pm$ 66.612 χ^2 /NDF: 0.0/0

-216.044 $\pm$ 23.480 χ^2 /NDF: 17.1/17

122.990 $\pm$ 23.008 χ^2 /NDF: 40.5/20

reg_asym_sam8_rms vs Slug



Right In: 63.589 $\pm$ 0.018 χ^2 /NDF: 234601.0/16

Left Out: 60.784 $\pm$ 0.050 χ^2 /NDF:0.0/0

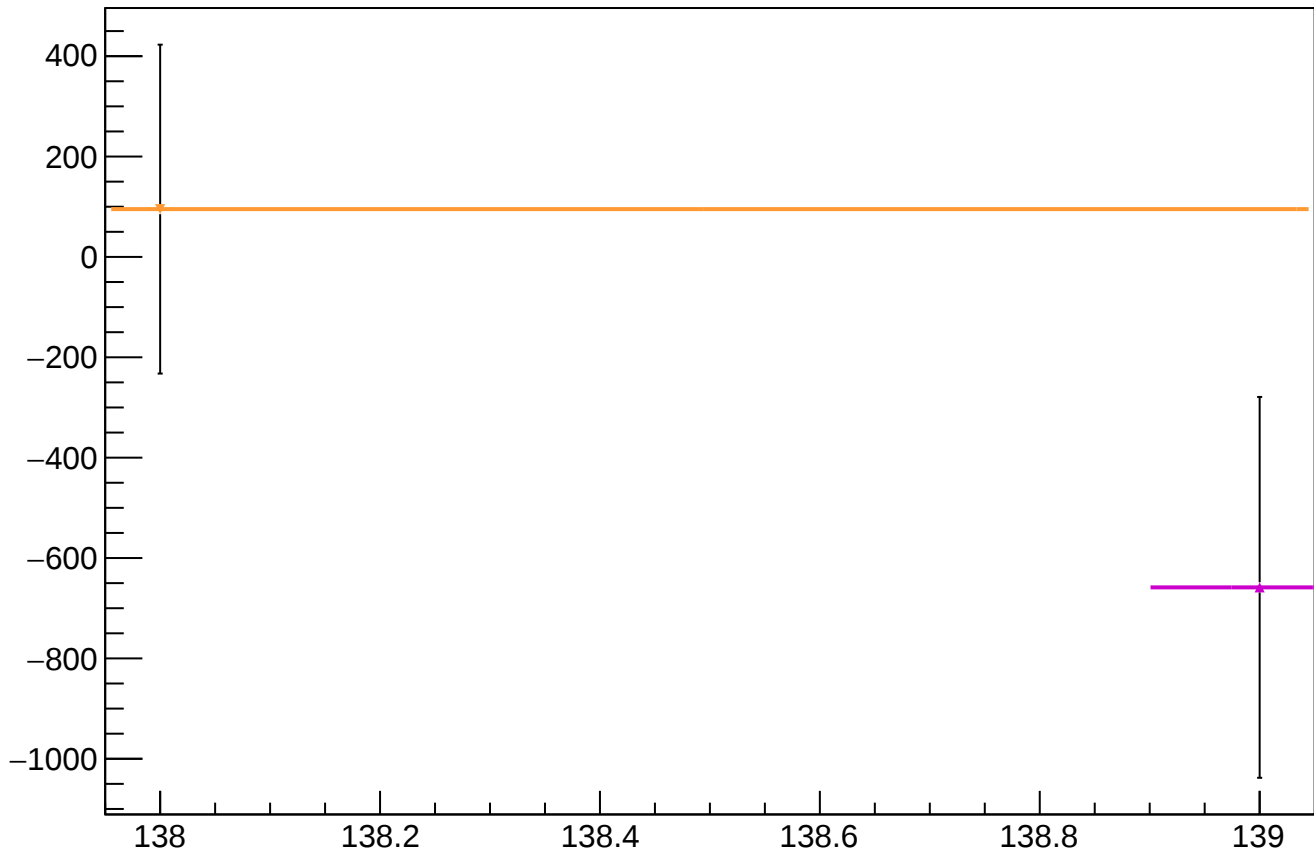
Right Out: 64.704 $\pm$ 0.017 χ^2 /NDF: 227632.6/19

Left In: 56.702 $\pm$ 0.047 χ^2 /NDF:0.0/0

63.282 $\pm$ 0.017 χ^2 /NDF: 237380.8/17

63.749 $\pm$ 0.016 χ^2 /NDF: 253052.0/20

asym_sam8_correction_mean vs Slug



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

Left Out: 95.251+/-327.671 χ^2 /NDF:0.0/0

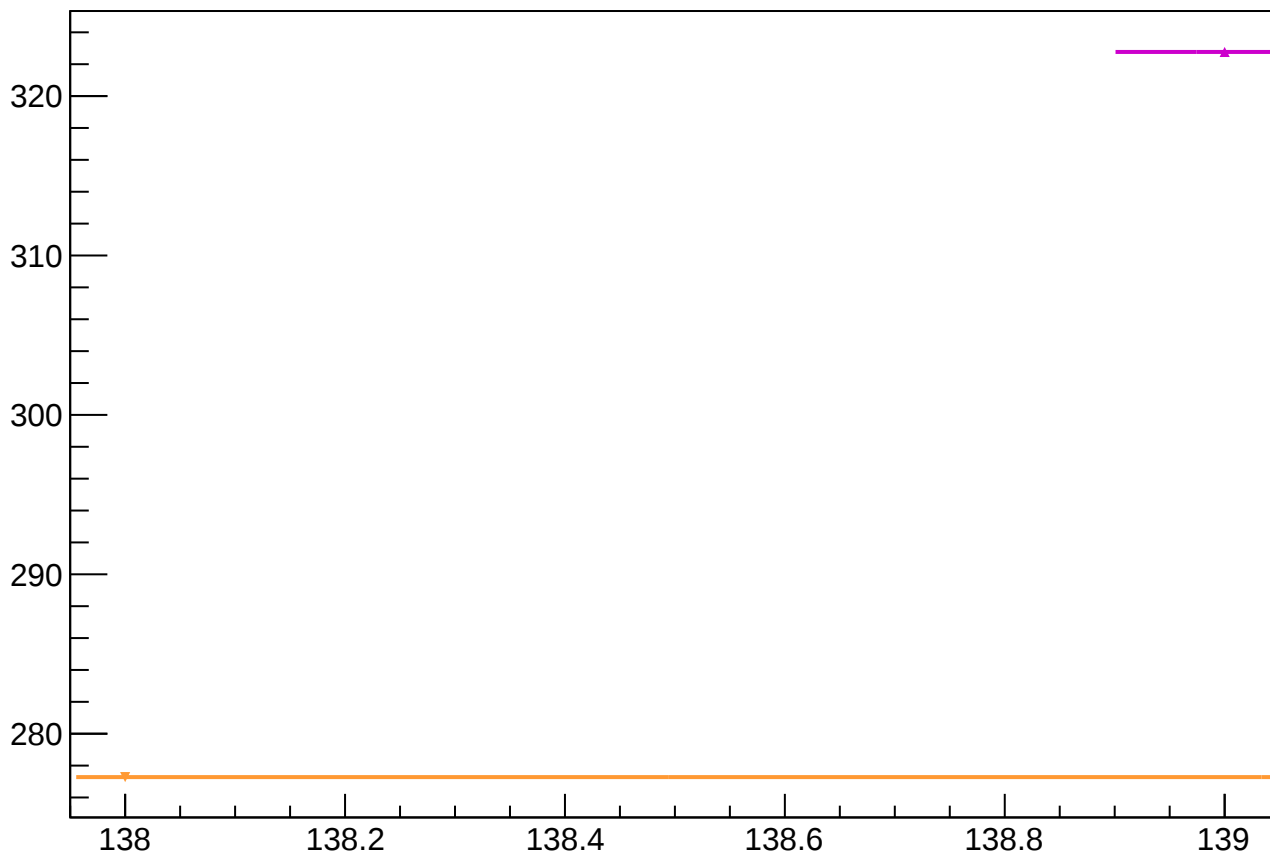
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -658.464+/-379.437 χ^2 /NDF:0.0/0

95.251+/-327.671 χ^2 /NDF: 0.0/0

-658.464+/-379.437 χ^2 /NDF: 0.0/0

asym_sam8_correction_rms vs Slug



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

Left Out: 277.278 $\pm$ 0.232 χ^2/NDF : 0.0/0

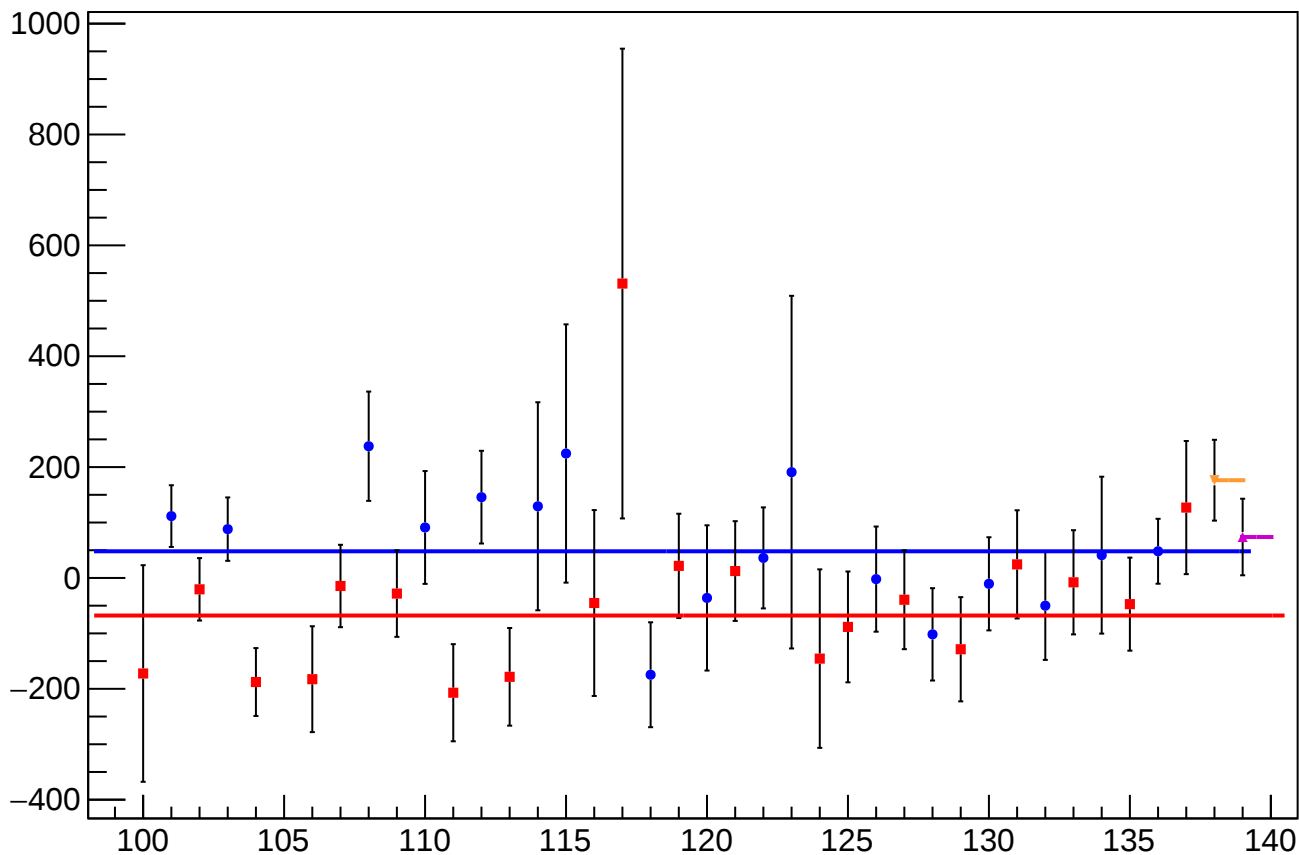
Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 322.769 $\pm$ 0.268 χ^2/NDF : 0.0/0

277.278 $\pm$ 0.232 χ^2/NDF : 0.0/0

322.769 $\pm$ 0.268 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_mean vs Slug



Right In: 48.109 ± 21.510 $\chi^2/\text{NDF}: 19.0/16$

Left Out: 176.323 ± 72.888 $\chi^2/\text{NDF}: 0.0/0$

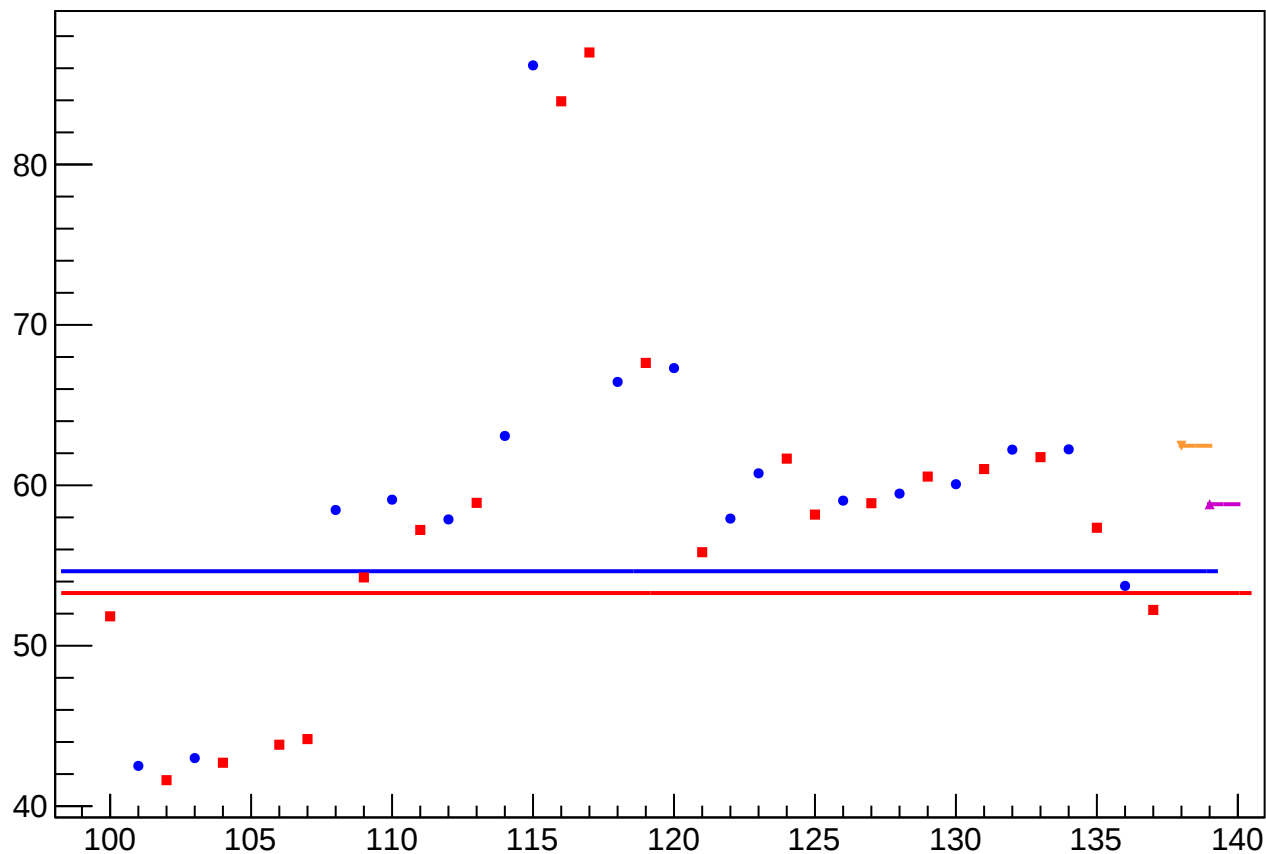
Right Out: -67.767 ± 20.383 $\chi^2/\text{NDF}: 19.7/19$

Left In: 73.881 ± 69.078 $\chi^2/\text{NDF}: 0.0/0$

58.381 ± 20.631 $\chi^2/\text{NDF}: 21.8/17$

-56.421 ± 19.550 $\chi^2/\text{NDF}: 23.5/20$

reg_asym_sam_15_avg_rms vs Slug



Right In: 54.645 $\pm$ 0.015 χ^2 /NDF: 319300.2/16

Left Out: 62.466 $\pm$ 0.052 χ^2 /NDF:0.0/0

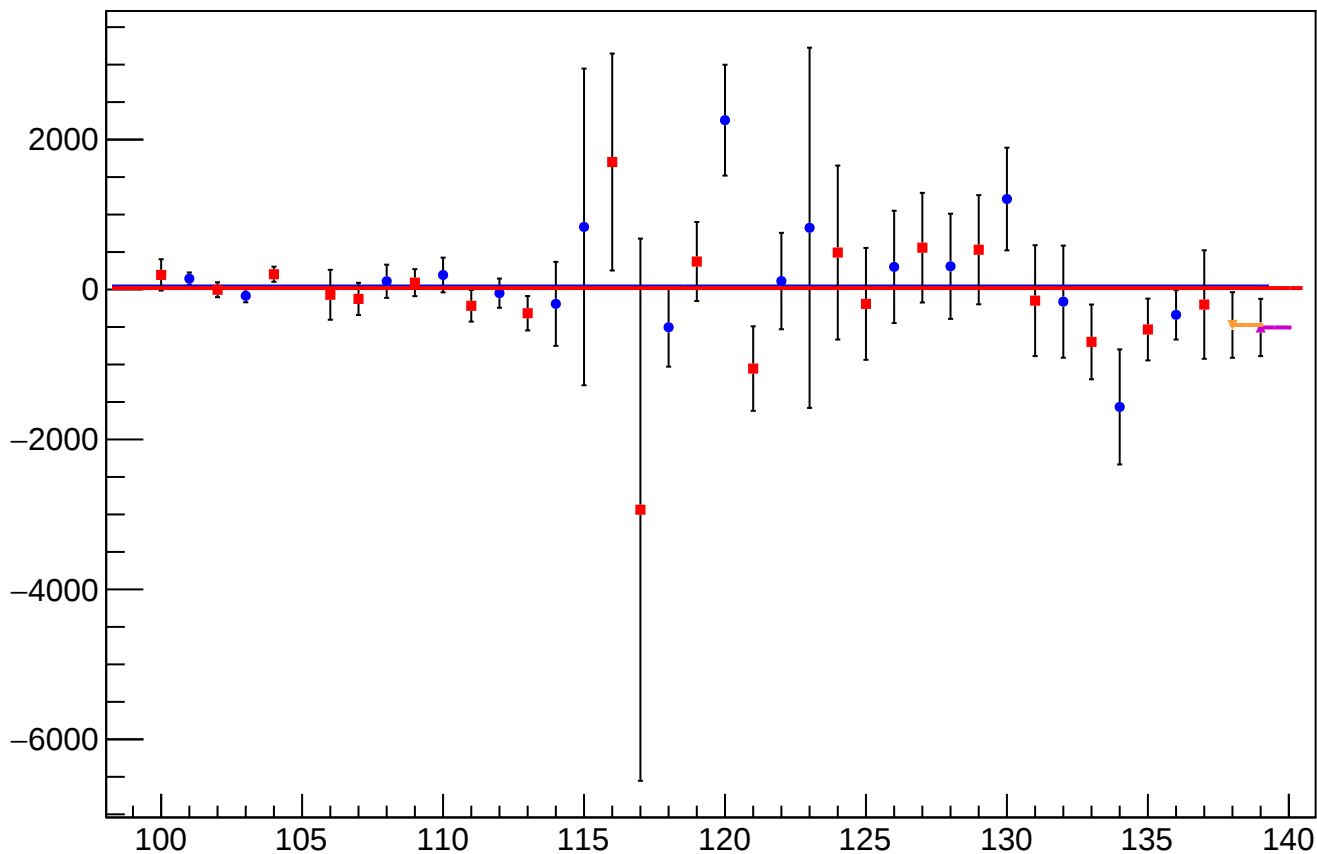
Right Out: 53.285 $\pm$ 0.014 χ^2 /NDF: 398973.0/19

Left In: 58.822 $\pm$ 0.049 χ^2 /NDF:0.0/0

55.271 $\pm$ 0.015 χ^2 /NDF: 340484.5/17

53.729 $\pm$ 0.014 χ^2 /NDF: 410793.3/20

asym_sam_15_avg_correction_mean vs Slug



Right In: 40.207 $\pm$ 51.542 χ^2 /NDF: 23.9/16

Left Out: -472.918 $\pm$ 437.414 χ^2 /NDF: 0.0/0

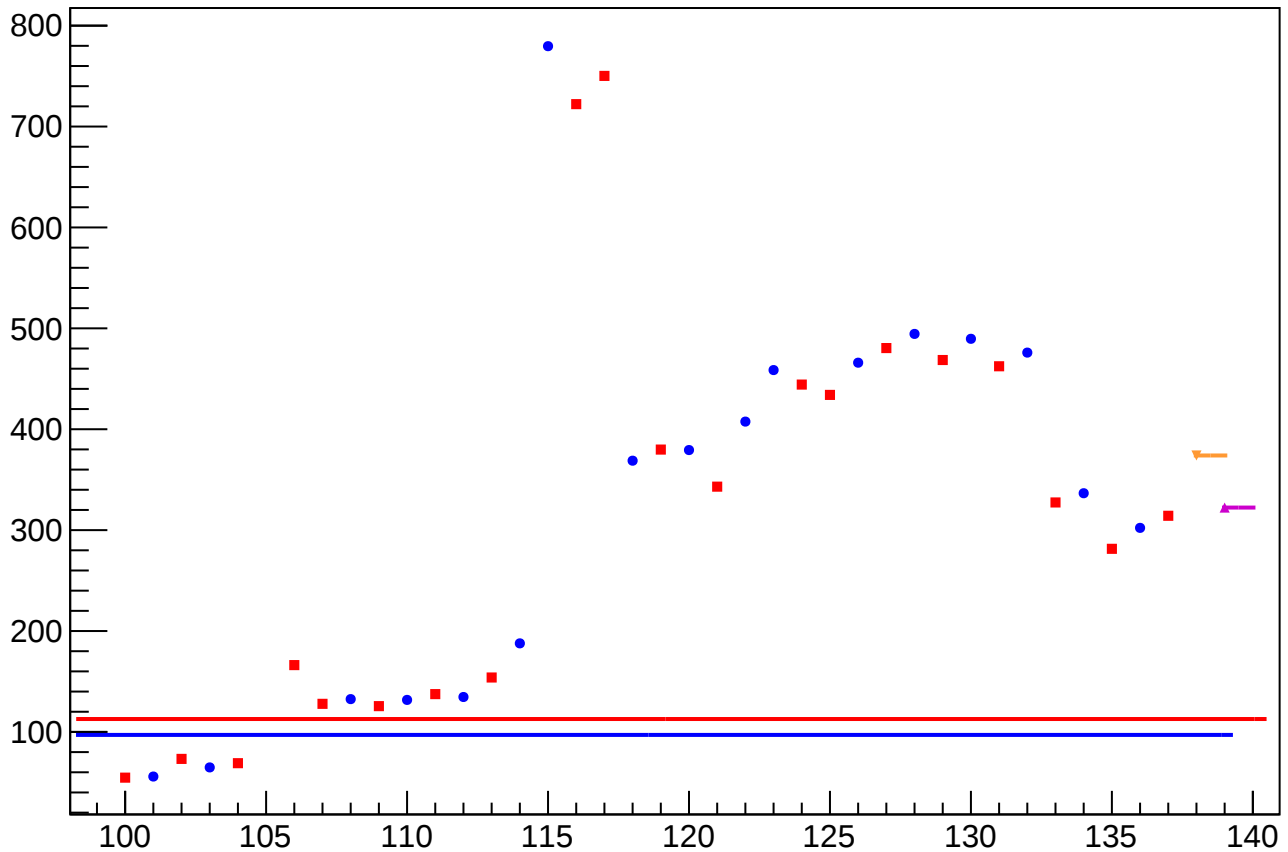
Right Out: 19.590 $\pm$ 53.268 χ^2 /NDF: 19.6/19

Left In: -505.977 $\pm$ 382.109 χ^2 /NDF: 0.0/0

33.180 $\pm$ 51.188 χ^2 /NDF: 25.2/17

9.571 $\pm$ 52.758 χ^2 /NDF: 21.4/20

asym_sam_15_avg_correction_rms vs Slug



Right In: 97.039+/-0.036 χ^2/NDF : 5819709.2/16

Left Out: 373.989+/-0.309 χ^2/NDF : 0.0/0

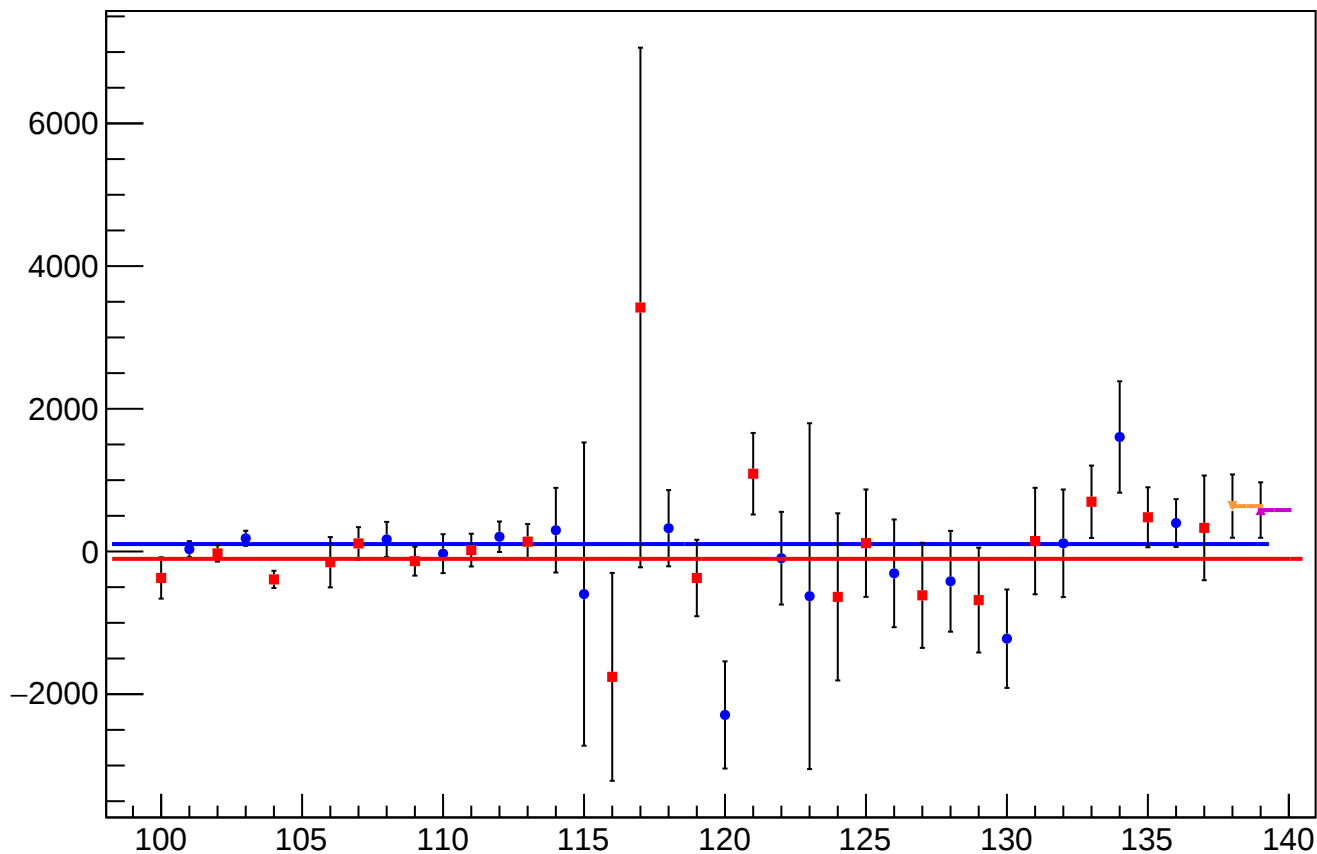
Right Out: 112.792+/-0.038 χ^2/NDF : 5098459.2/19

Left In: 322.362+/-0.270 χ^2/NDF : 0.0/0

100.832+/-0.036 χ^2/NDF : 6610496.6/17

116.787+/-0.037 χ^2/NDF : 5688598.3/20

asym_sam_15_avg_mean vs Slug



Right In: 104.001 $\pm$ 63.156 χ^2 /NDF: 21.3/16

Left Out: 636.038 $\pm$ 443.551 χ^2 /NDF: 0.0/0

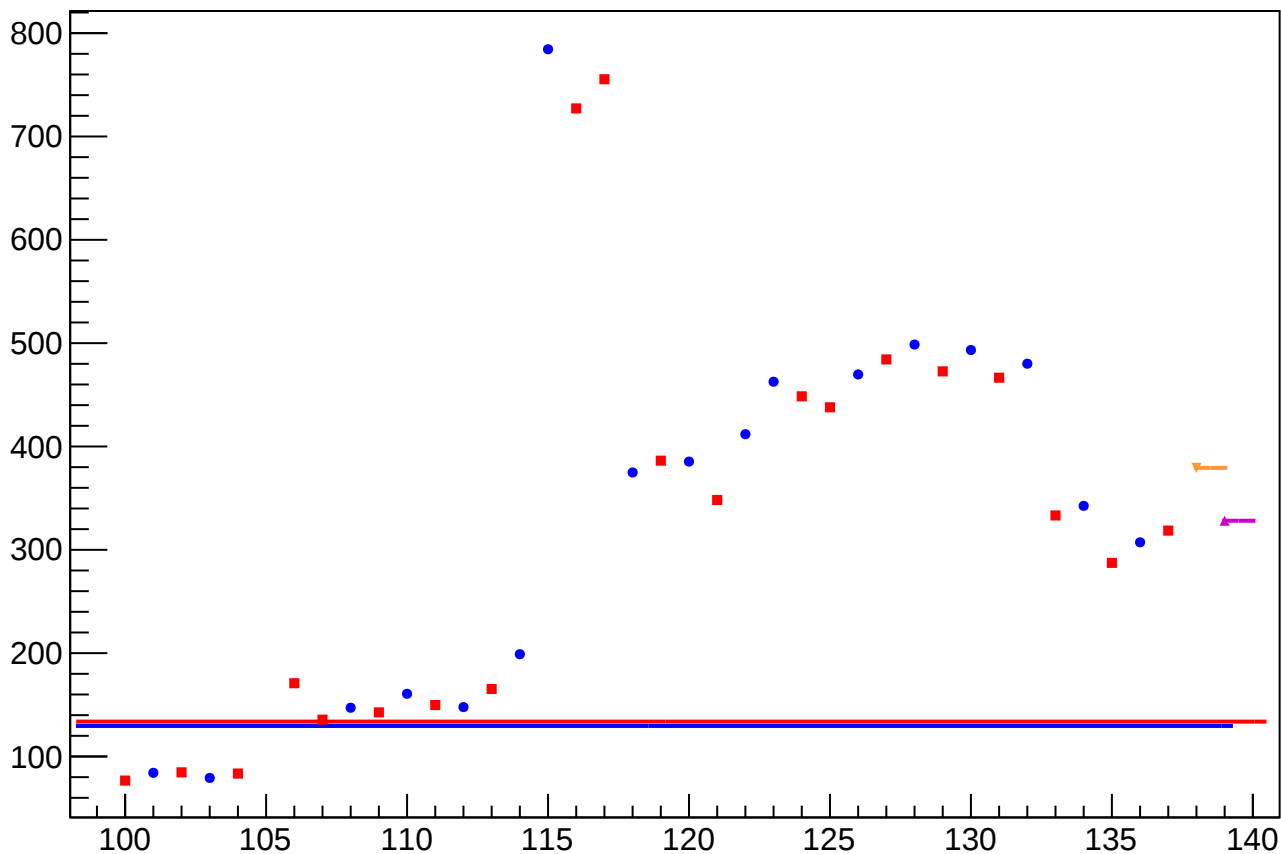
Right Out: -103.156 $\pm$ 60.849 χ^2 /NDF: 22.3/19

Left In: 580.730 $\pm$ 388.723 χ^2 /NDF: 0.0/0

114.573 $\pm$ 62.526 χ^2 /NDF: 22.7/17

-86.799 $\pm$ 60.116 χ^2 /NDF: 25.3/20

asym_sam_15_avg_rms vs Slug



Right In: 129.552+/-0.045 χ^2/NDF : 4772450.4/16

Left Out: 379.283+/-0.314 χ^2/NDF : 0.0/0

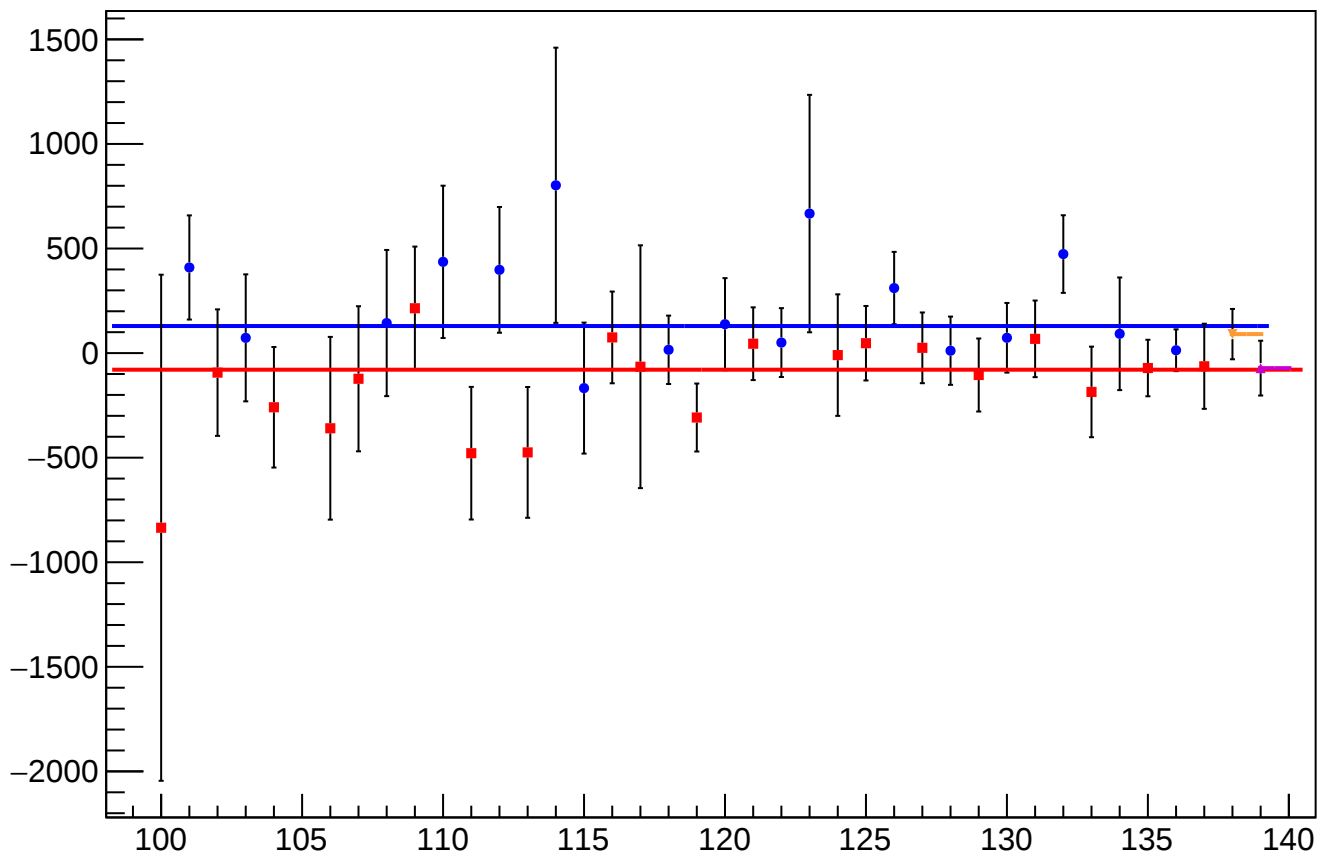
134.514+/-0.044 χ^2/NDF : 5393852.1/17

Right Out: 133.766+/-0.043 χ^2/NDF : 4424544.5/19

138.415+/-0.043 χ^2/NDF : 4912686.7/20

Left In: 328.148+/-0.275 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_mean vs Slug



Right In: 129.398 ± 49.122 χ^2/NDF : 12.9/16

Left Out: 90.779 ± 120.404 χ^2/NDF : 0.0/0

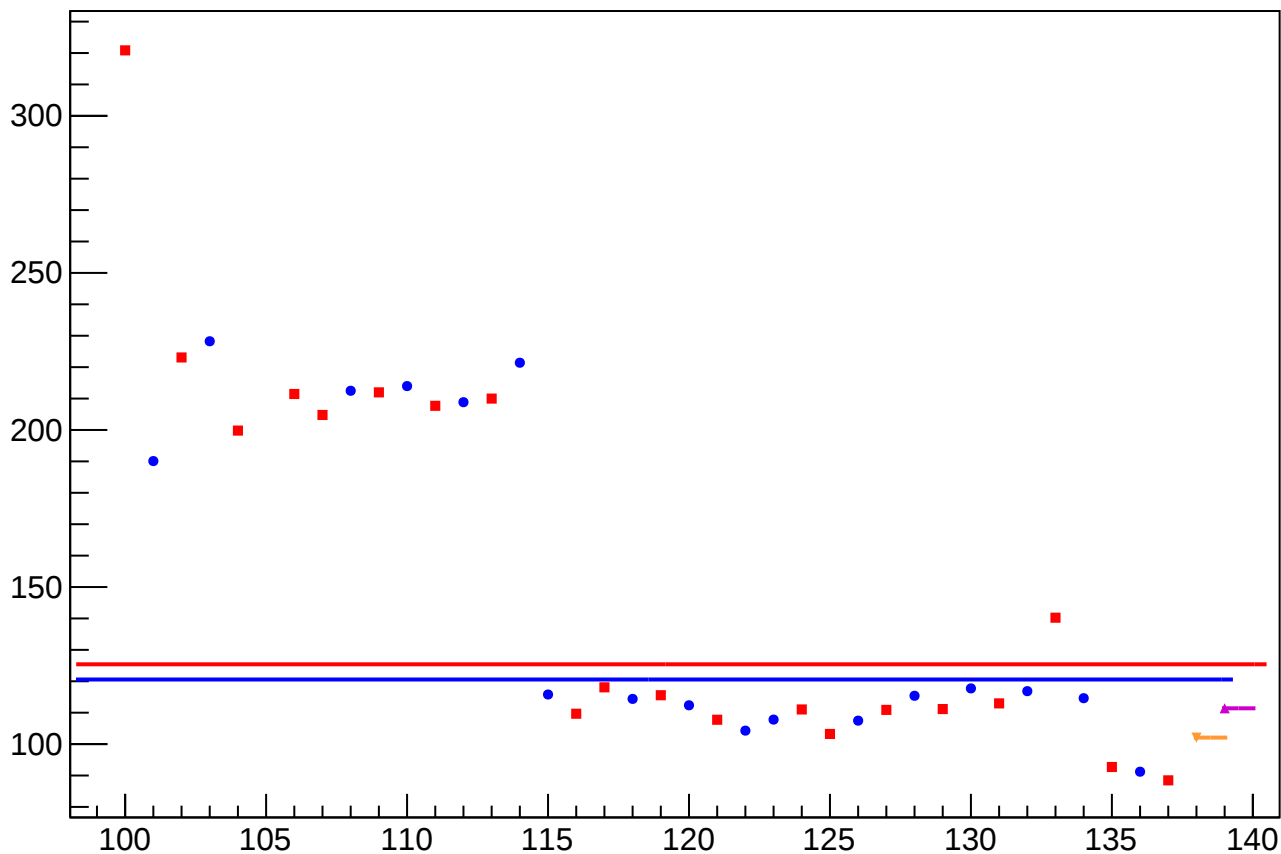
Right Out: -79.378 ± 49.703 χ^2/NDF : 10.2/19

Left In: -71.916 ± 130.943 χ^2/NDF : 0.0/0

123.888 ± 45.482 χ^2/NDF : 13.0/17

-78.438 ± 46.468 χ^2/NDF : 10.2/20

reg_asym_sam_26_avg_rms vs Slug



Right In: 120.565 $\pm$ 0.035 χ^2 /NDF: 1112076.4/16

Left Out: 102.065 $\pm$ 0.085 χ^2 /NDF: 0.0/0

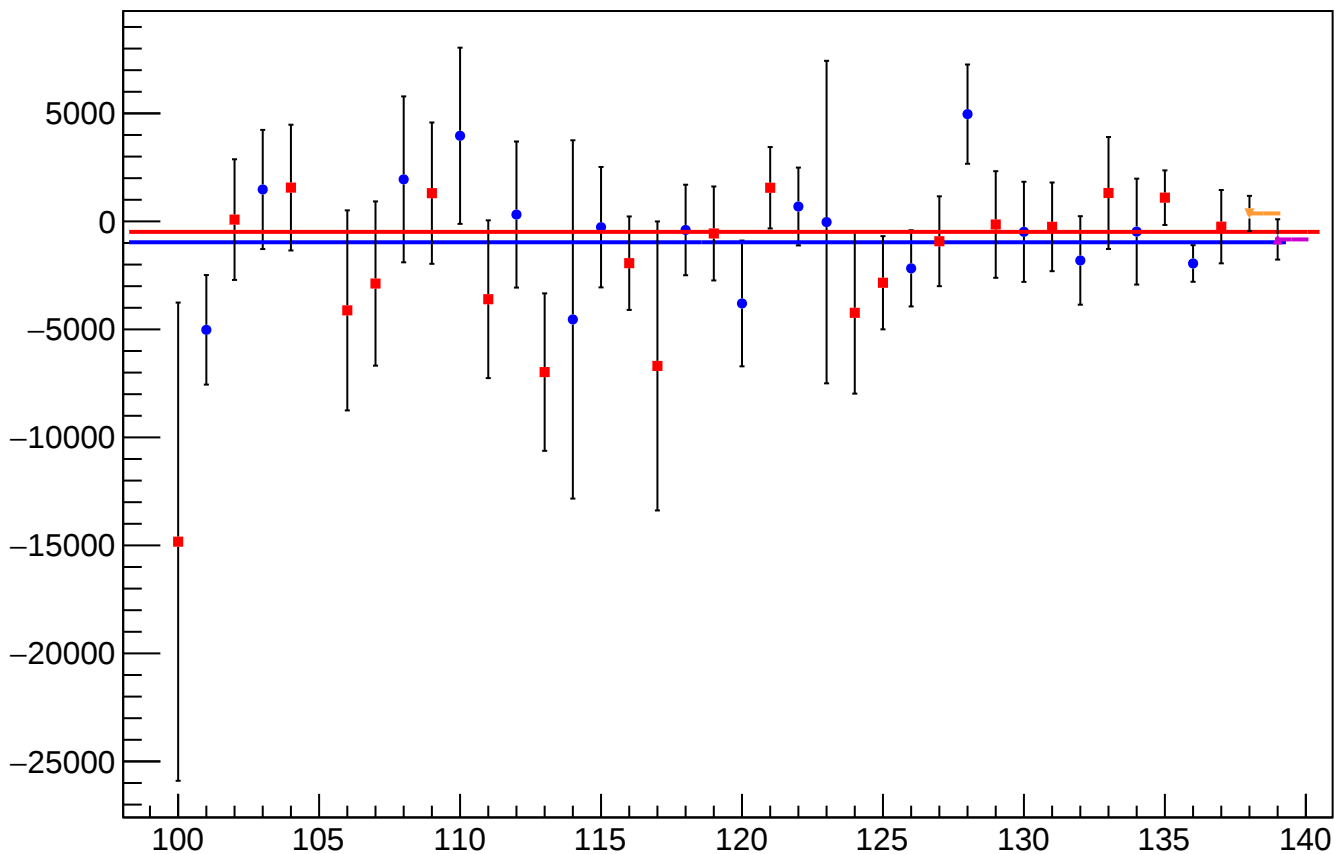
Right Out: 125.404 $\pm$ 0.035 χ^2 /NDF: 1334075.7/19

Left In: 111.394 $\pm$ 0.093 χ^2 /NDF: 0.0/0

117.925 $\pm$ 0.032 χ^2 /NDF: 1152555.9/17

123.640 $\pm$ 0.033 χ^2 /NDF: 1354089.3/20

asym_sam_26_avg_correction_mean vs Slug



Right In: -966.587+/-512.340 χ^2 /NDF: 16.4/16

Left Out: 368.465+/-812.647 χ^2 /NDF:0.0/0

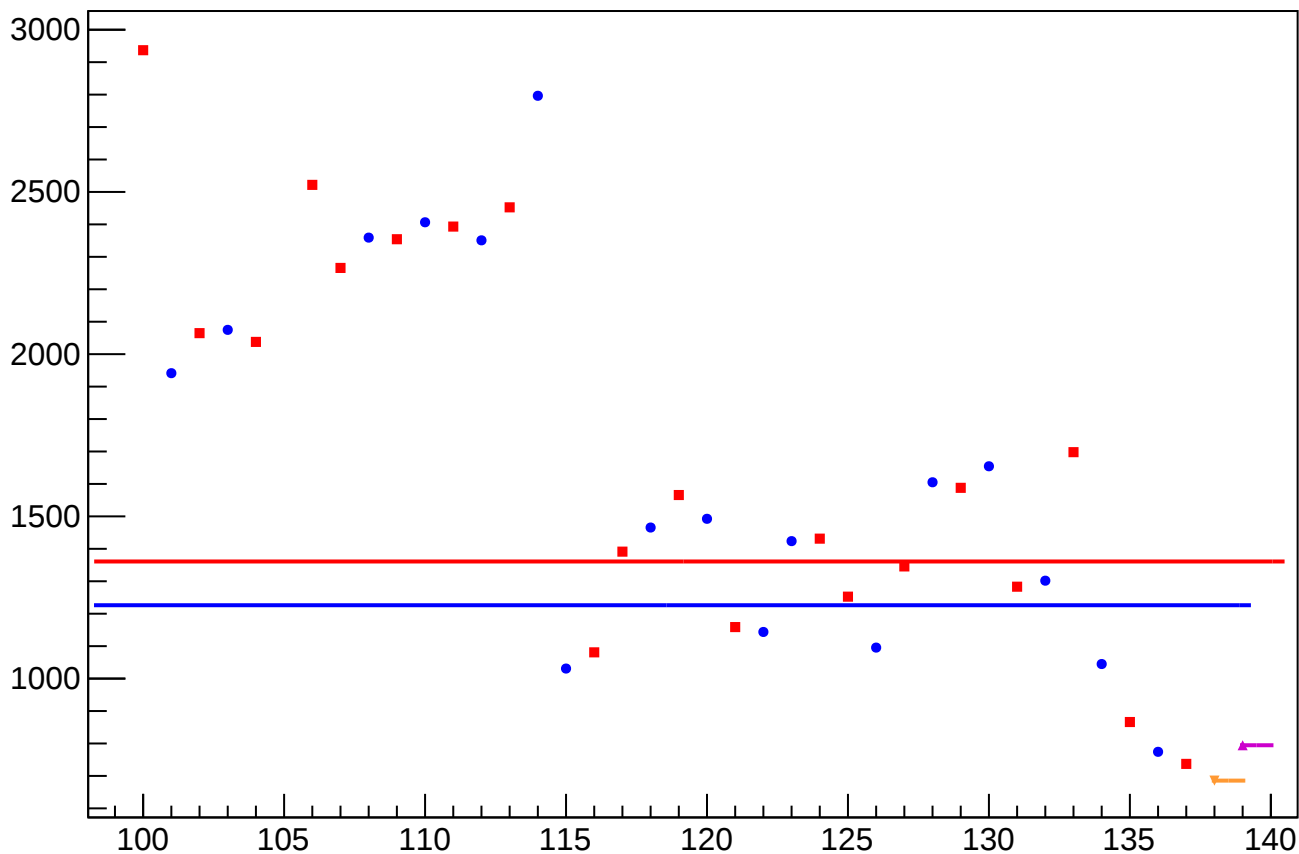
Right Out: -485.654+/-543.567 χ^2 /NDF: 14.3/19

Left In: -835.584+/-933.343 χ^2 /NDF:0.0/0

-586.865+/-433.397 χ^2 /NDF: 18.3/17

-574.282+/-469.715 χ^2 /NDF: 14.4/20

asym_sam_26_avg_correction_rms vs Slug



Right In: 1226.135+/-0.362 χ^2/NDF : 1756323.1/16

Left Out: 685.545+/-0.575 χ^2/NDF : 0.0/0

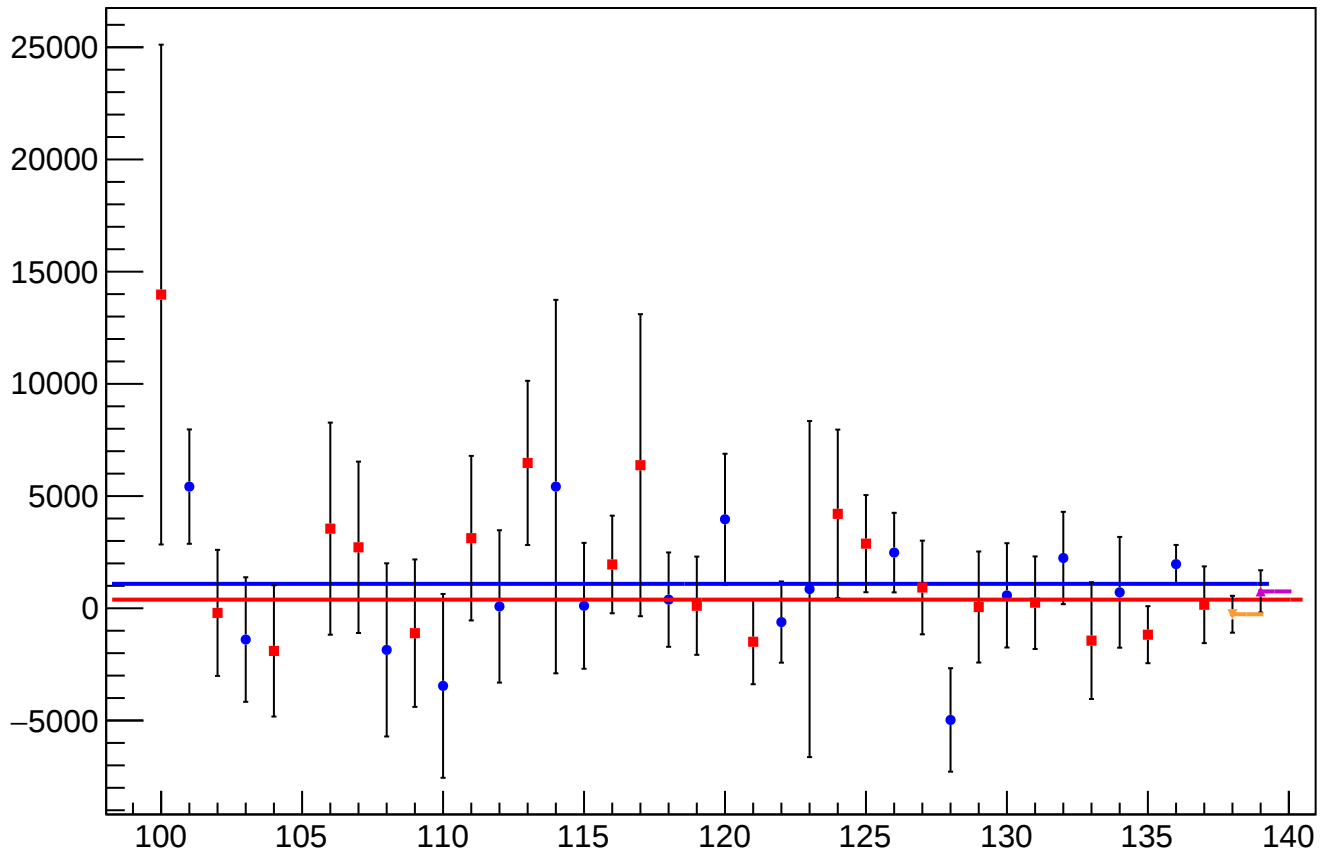
Right Out: 1360.972+/-0.384 χ^2/NDF : 1749116.2/19

Left In: 794.571+/-0.660 χ^2/NDF : 0.0/0

1072.377+/-0.306 χ^2/NDF : 2389634.6/17

1217.518+/-0.332 χ^2/NDF : 2299109.6/20

asym_sam_26_avg_mean vs Slug



Right In: 1089.066+/-515.272 χ^2/NDF : 16.9/16

Left Out: -265.915+/-821.637 χ^2/NDF : 0.0/0

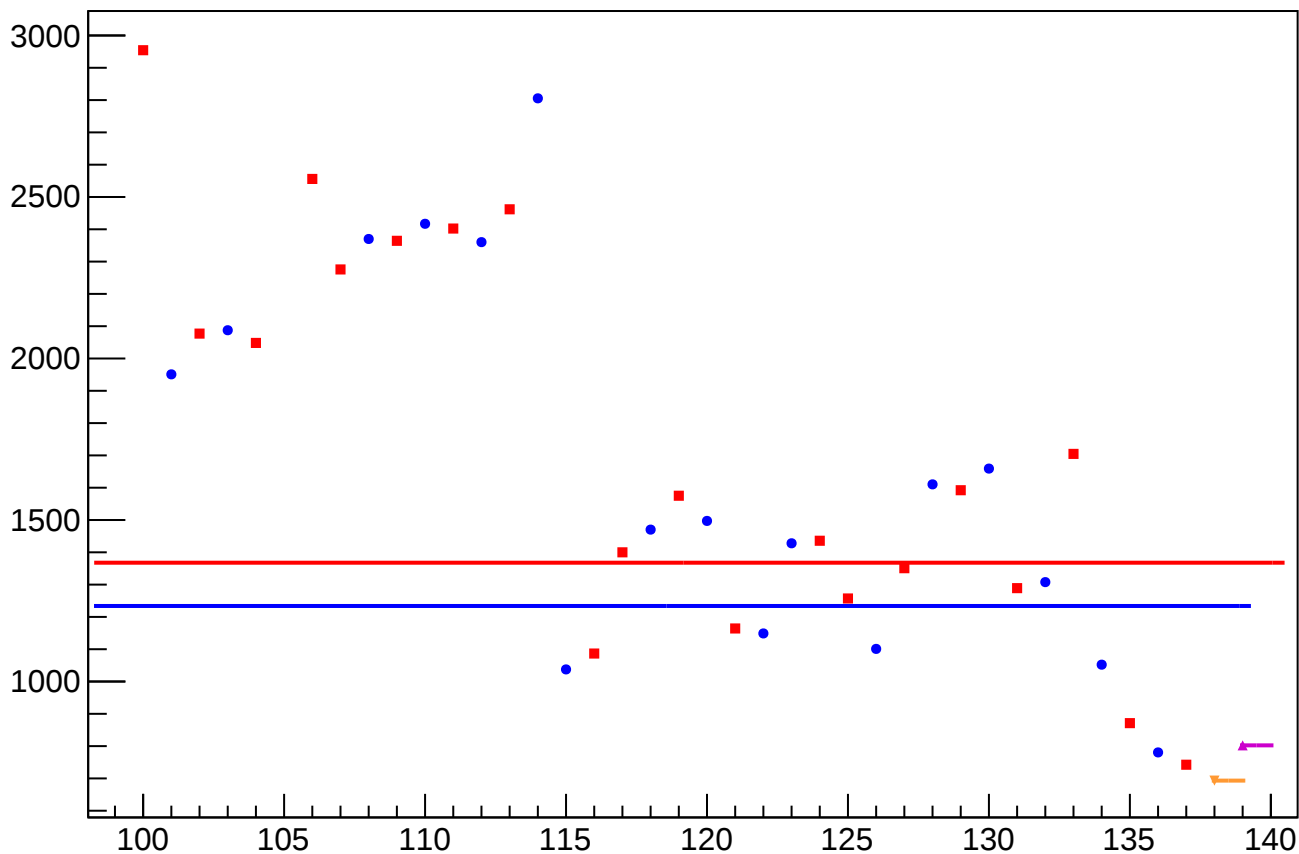
Right Out: 385.391+/-546.382 χ^2/NDF : 13.3/19

Left In: 751.634+/-942.513 χ^2/NDF : 0.0/0

706.590+/-436.532 χ^2/NDF : 18.9/17

477.513+/-472.697 χ^2/NDF : 13.4/20

asym_sam_26_avg_rms vs Slug



Right In: 1233.863+/-0.364 χ^2/NDF : 1744048.5/16

Left Out: 693.227+/-0.581 χ^2/NDF : 0.0/0

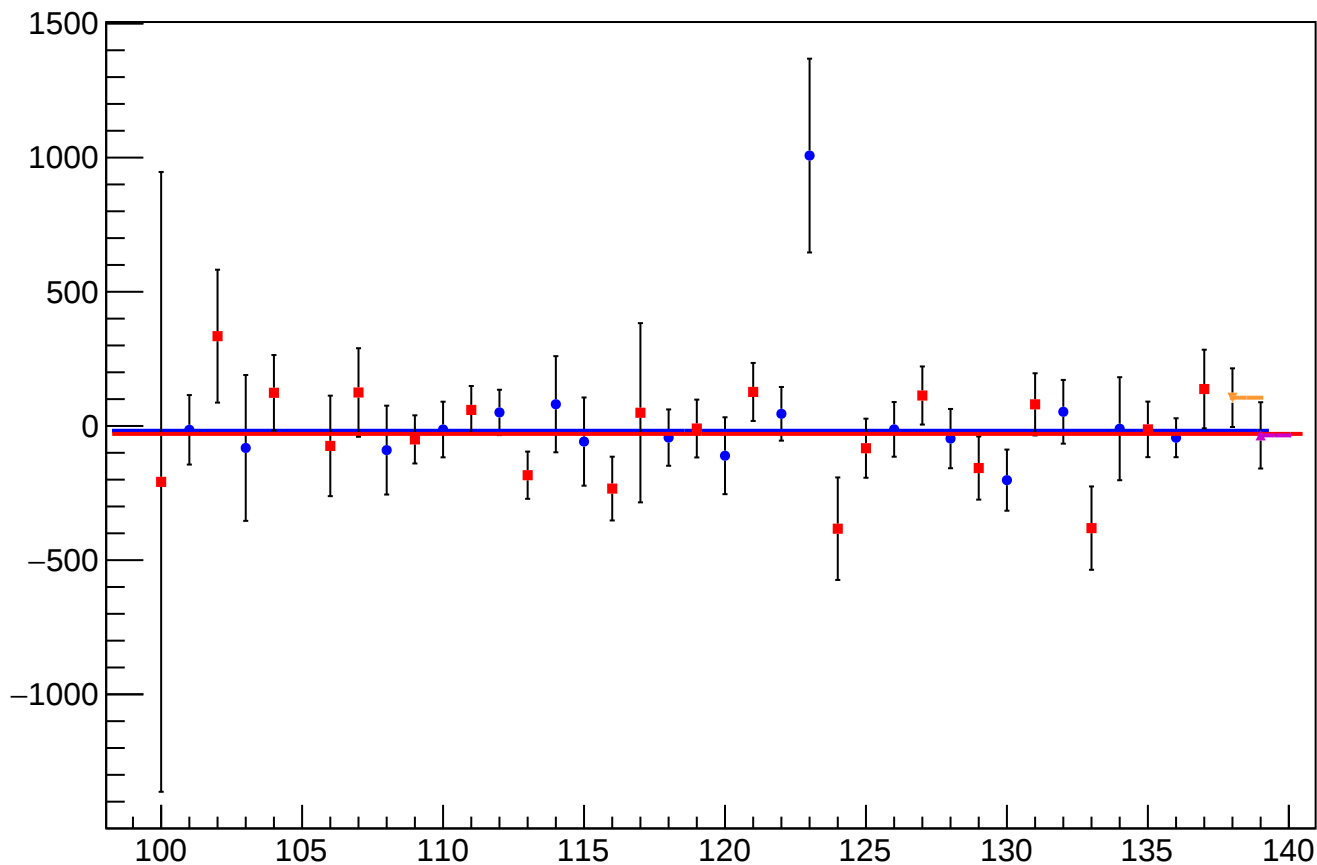
Right Out: 1367.823+/-0.386 χ^2/NDF : 1744640.3/19

Left In: 802.373+/-0.666 χ^2/NDF : 0.0/0

1081.255+/-0.309 χ^2/NDF : 2365542.5/17

1225.595+/-0.334 χ^2/NDF : 2283426.8/20

reg_asym_sam_37_avg_mean vs Slug



Right In: -17.972 $\pm$ 28.848 χ^2 /NDF: 13.4/16

Left Out: 105.370 $\pm$ 109.299 χ^2 /NDF: 0.0/0

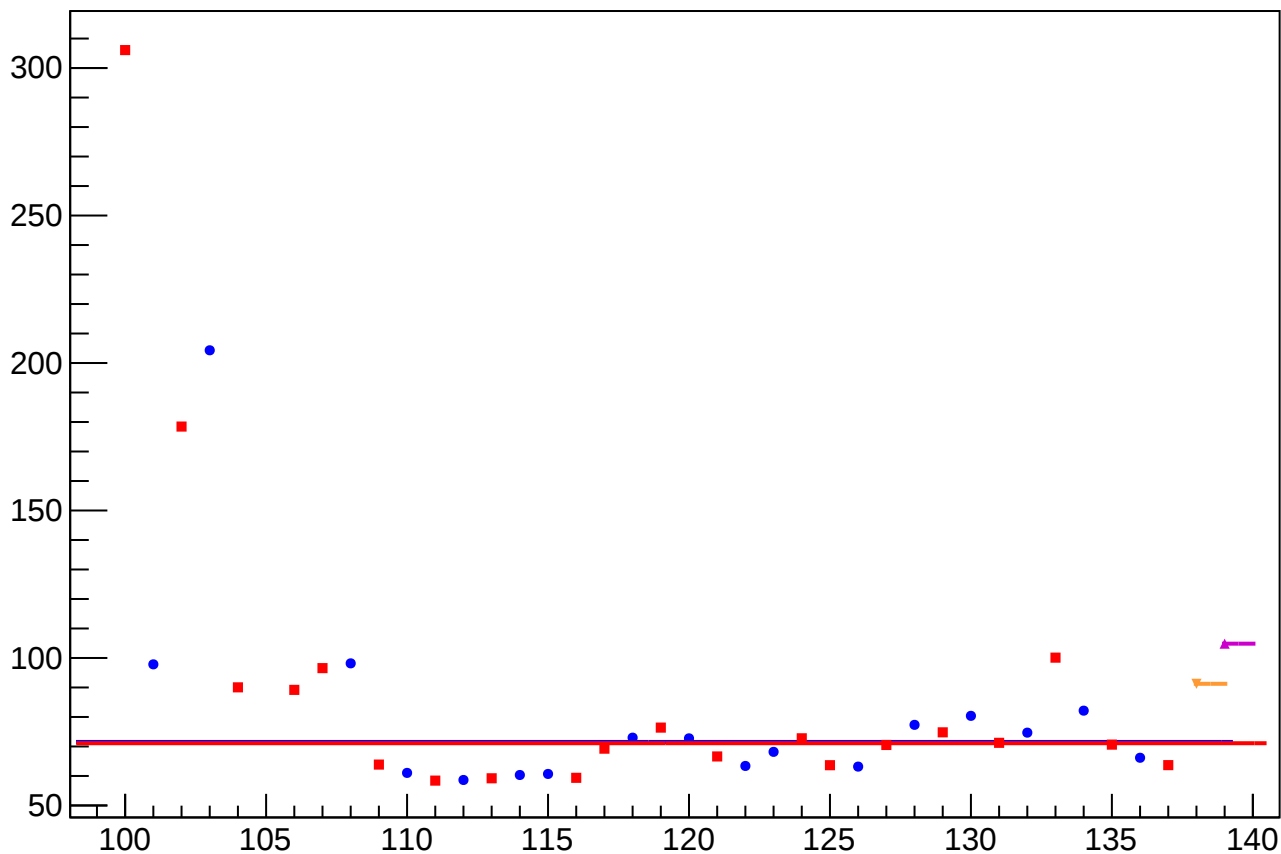
Right Out: -29.517 $\pm$ 27.879 χ^2 /NDF: 27.5/19

Left In: -35.062 $\pm$ 123.479 χ^2 /NDF: 0.0/0

-9.939 $\pm$ 27.893 χ^2 /NDF: 14.6/17

-29.786 $\pm$ 27.194 χ^2 /NDF: 27.5/20

reg_asym_sam_37_avg_rms vs Slug



Right In: 71.536+/-0.020 χ^2 /NDF: 758961.6/16

Left Out: 91.247+/-0.077 χ^2 /NDF: 0.0/0

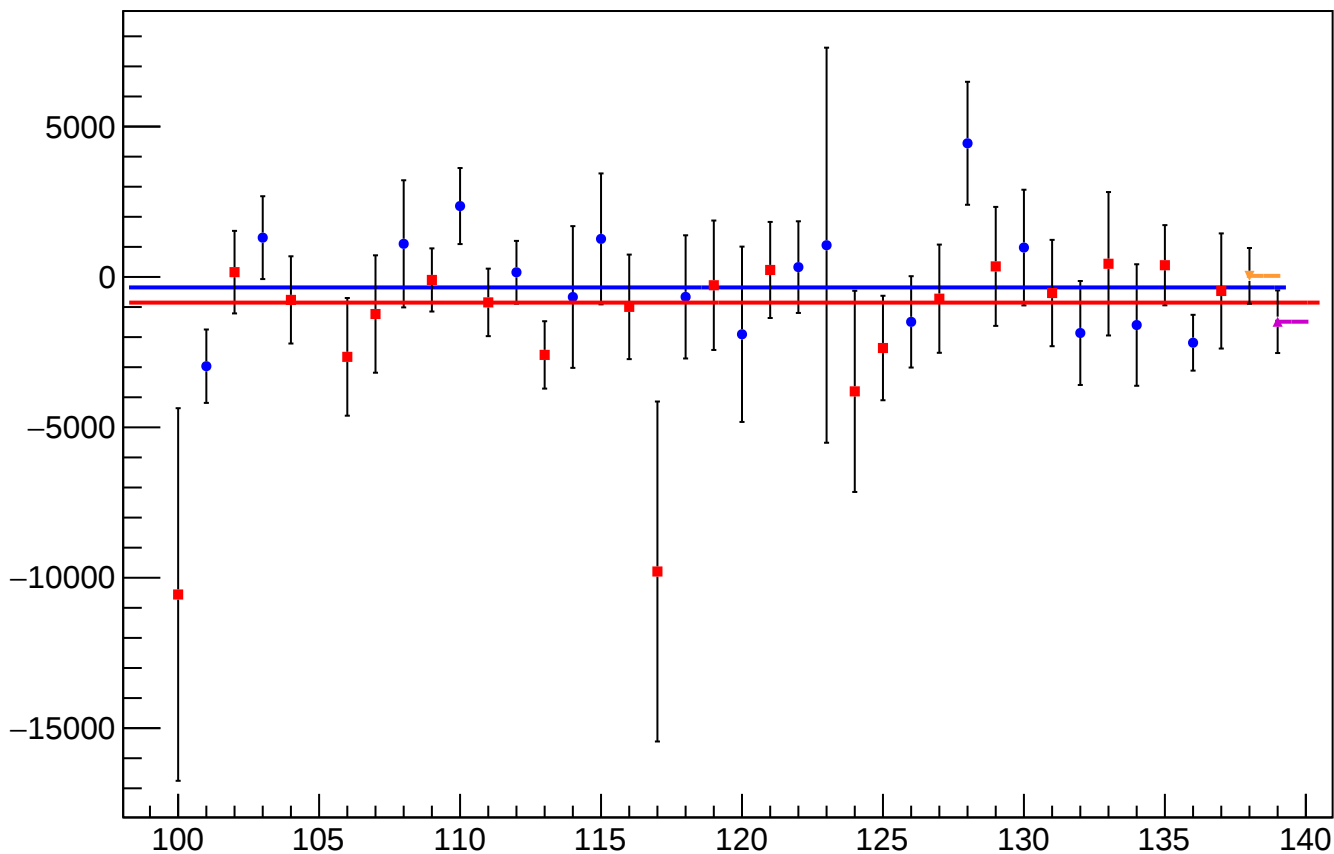
Right Out: 71.102+/-0.020 χ^2 /NDF: 765220.8/19

Left In: 104.851+/-0.087 χ^2 /NDF: 0.0/0

72.819+/-0.020 χ^2 /NDF: 819771.0/17

72.739+/-0.019 χ^2 /NDF: 907381.2/20

asym_sam_37_avg_correction_mean vs Slug



Right In: -347.939+/-381.994 χ^2/NDF : 24.1/16

Left Out: 36.490+/-926.665 χ^2/NDF : 0.0/0

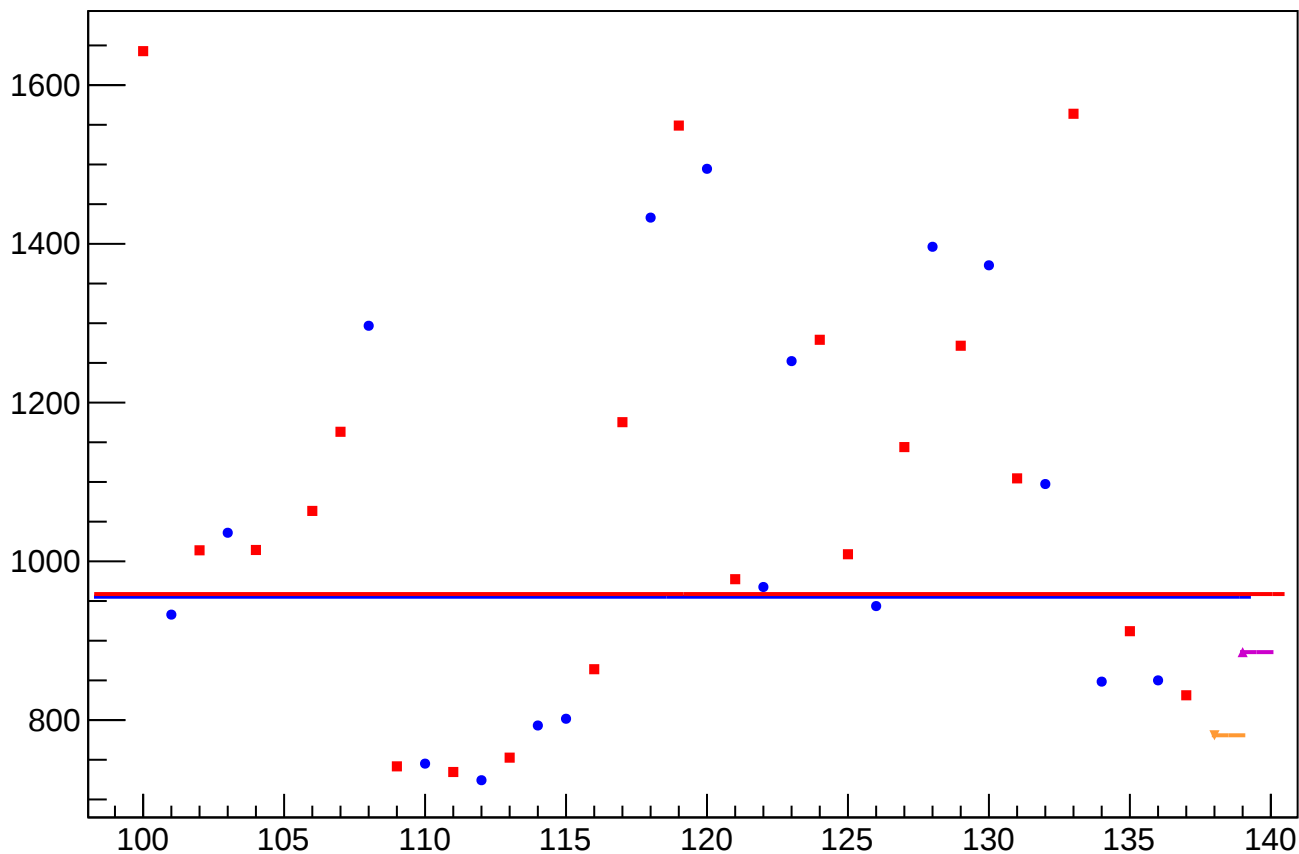
Right Out: -852.433+/-369.018 χ^2/NDF : 13.0/19

Left In: -1487.675+/-1041.669 χ^2/NDF : 0.0/0

-292.102+/-353.164 χ^2/NDF : 24.2/17

-923.265+/-347.836 χ^2/NDF : 13.3/20

asym_sam_37_avg_correction_rms vs Slug



Right In: 955.425+/-0.270 χ^2/NDF : 646512.4/16

Left Out: 780.840+/-0.655 χ^2/NDF : 0.0/0

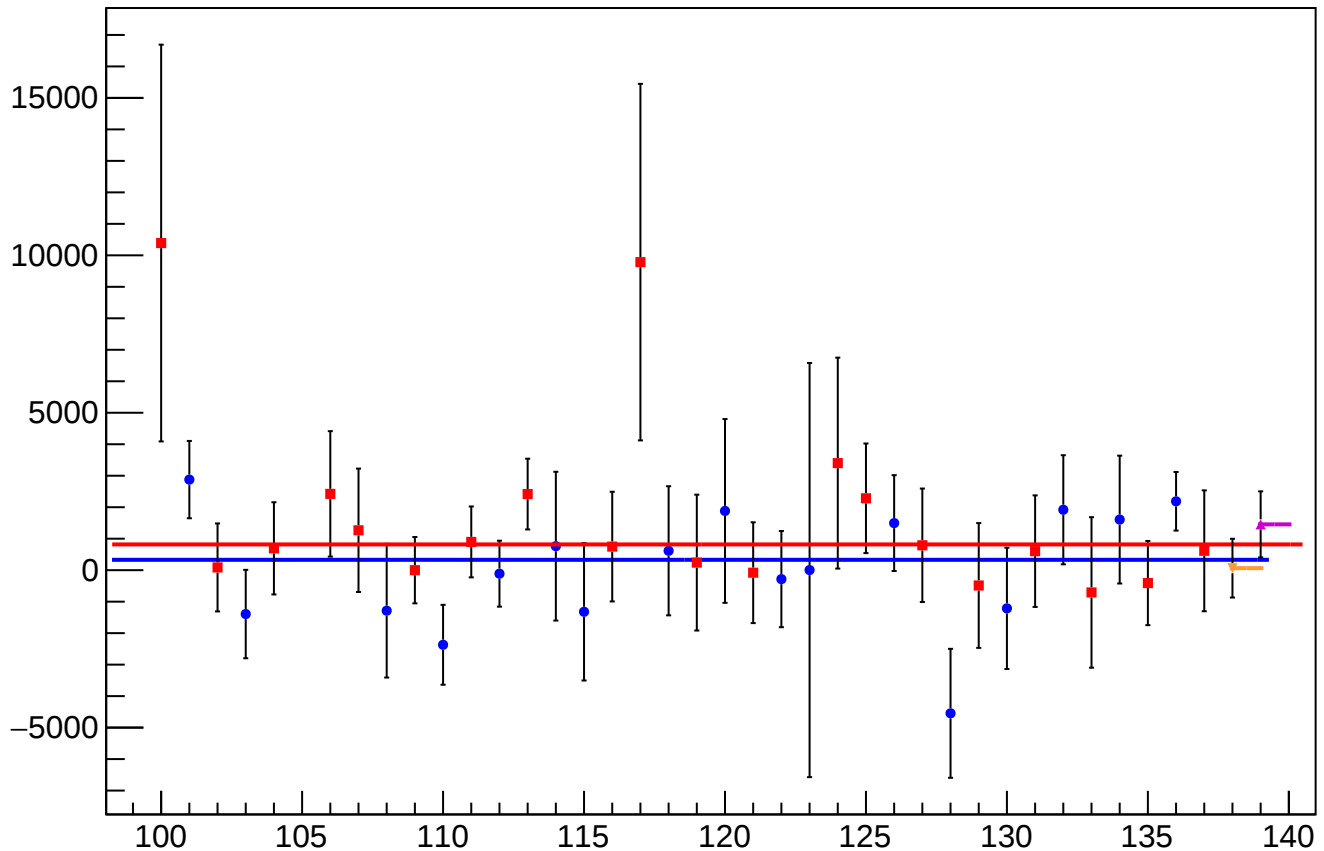
Right Out: 958.776+/-0.261 χ^2/NDF : 696031.2/19

Left In: 885.618+/-0.737 χ^2/NDF : 0.0/0

930.067+/-0.250 χ^2/NDF : 707191.8/17

950.618+/-0.246 χ^2/NDF : 704796.3/20

asym_sam_37_avg_mean vs Slug



Right In: 329.164 $\pm$ 383.728 χ^2 /NDF: 24.3/16

Left Out: 64.417 $\pm$ 933.207 χ^2 /NDF: 0.0/0

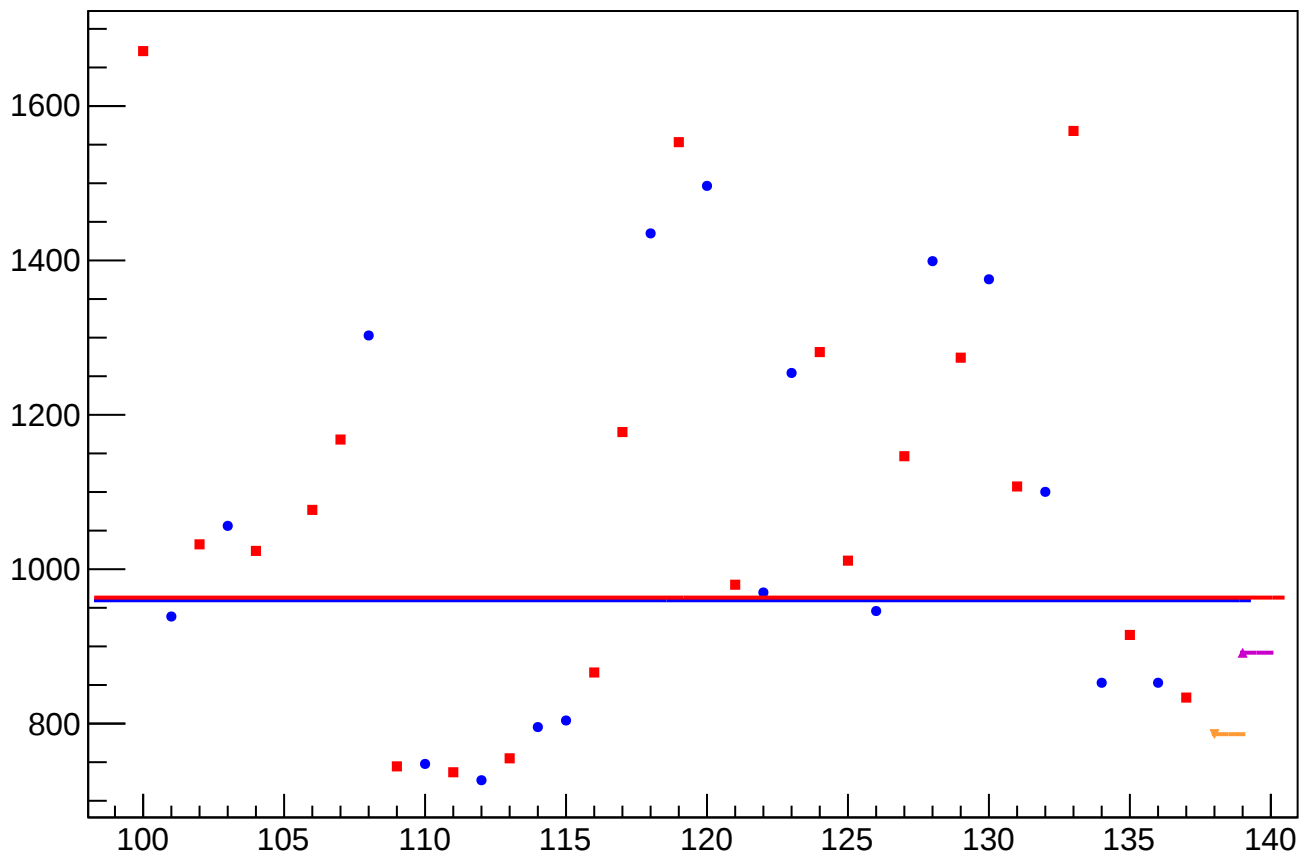
Right Out: 818.253 $\pm$ 370.875 χ^2 /NDF: 11.8/19

Left In: 1455.077 $\pm$ 1049.004 χ^2 /NDF: 0.0/0

290.874 $\pm$ 354.896 χ^2 /NDF: 24.4/17

889.009 $\pm$ 349.664 χ^2 /NDF: 12.2/20

asym_sam_37_avg_rms vs Slug



Right In: 959.770+/-0.271 χ^2/NDF : 646727.9/16

Left Out: 786.276+/-0.660 χ^2/NDF : 0.0/0

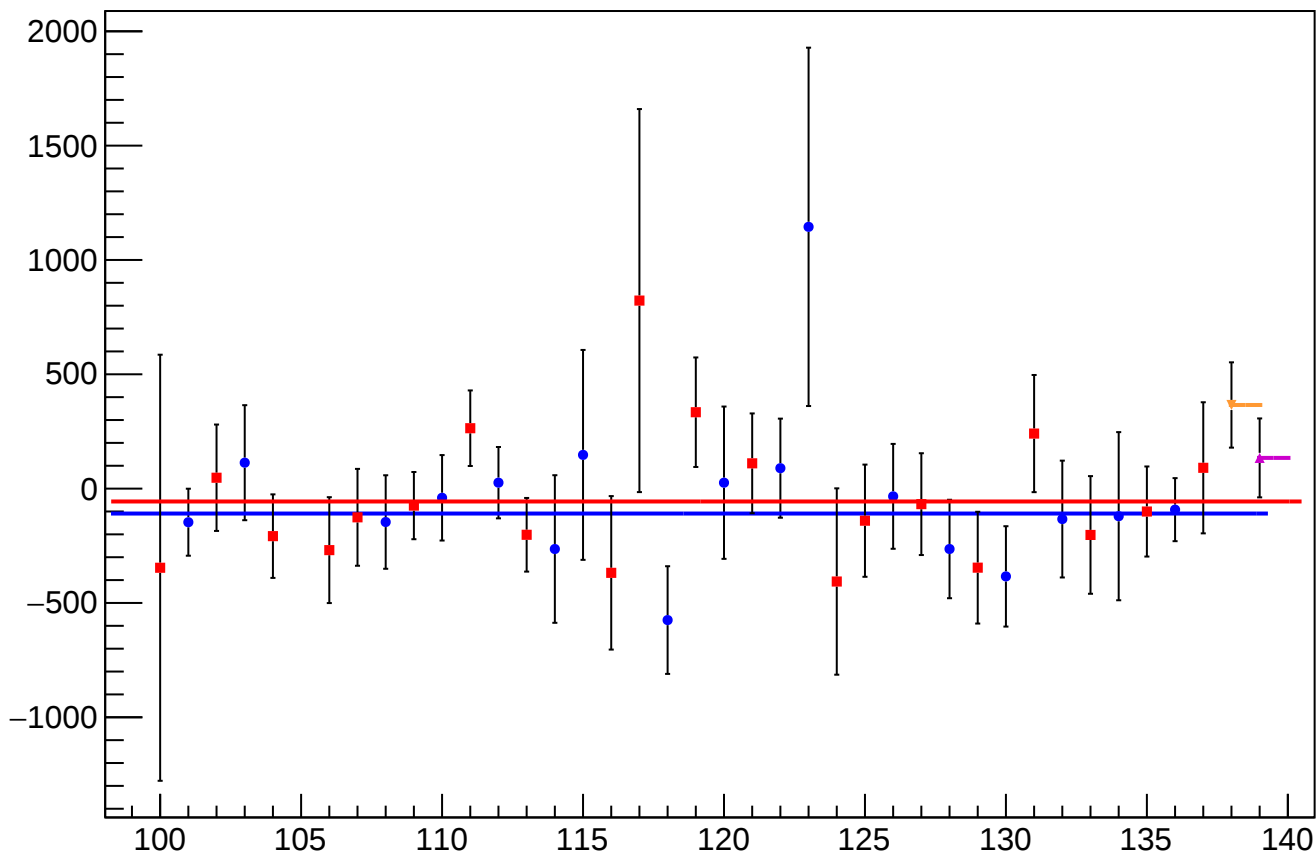
Right Out: 963.238+/-0.262 χ^2/NDF : 698638.3/19

Left In: 891.848+/-0.742 χ^2/NDF : 0.0/0

934.679+/-0.251 χ^2/NDF : 705857.3/17

955.306+/-0.247 χ^2/NDF : 706872.1/20

reg_asym_sam_48_avg_mean vs Slug



Right In: -108.977 ± 52.923 $\chi^2/\text{NDF}: 12.0/16$

Left Out: 365.760 ± 186.531 $\chi^2/\text{NDF}: 0.0/0$

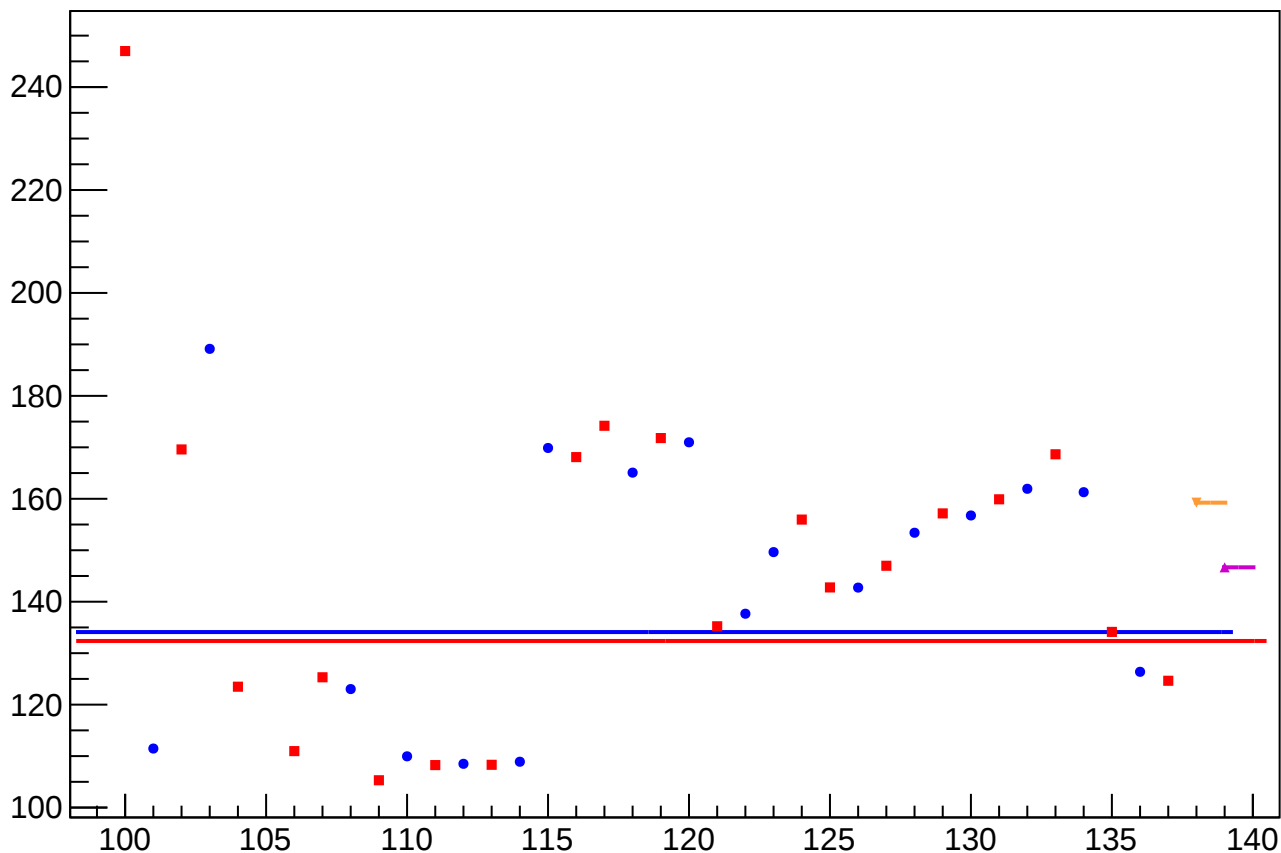
Right Out: -56.241 ± 50.729 $\chi^2/\text{NDF}: 16.0/19$

Left In: 134.350 ± 172.588 $\chi^2/\text{NDF}: 0.0/0$

-73.609 ± 50.913 $\chi^2/\text{NDF}: 18.0/17$

-41.084 ± 48.670 $\chi^2/\text{NDF}: 17.1/20$

reg_asym_sam_48_avg_rms vs Slug



Right In: 134.103+/-0.037 χ^2/NDF : 402581.2/16

Left Out: 159.247+/-0.132 χ^2/NDF : 0.0/0

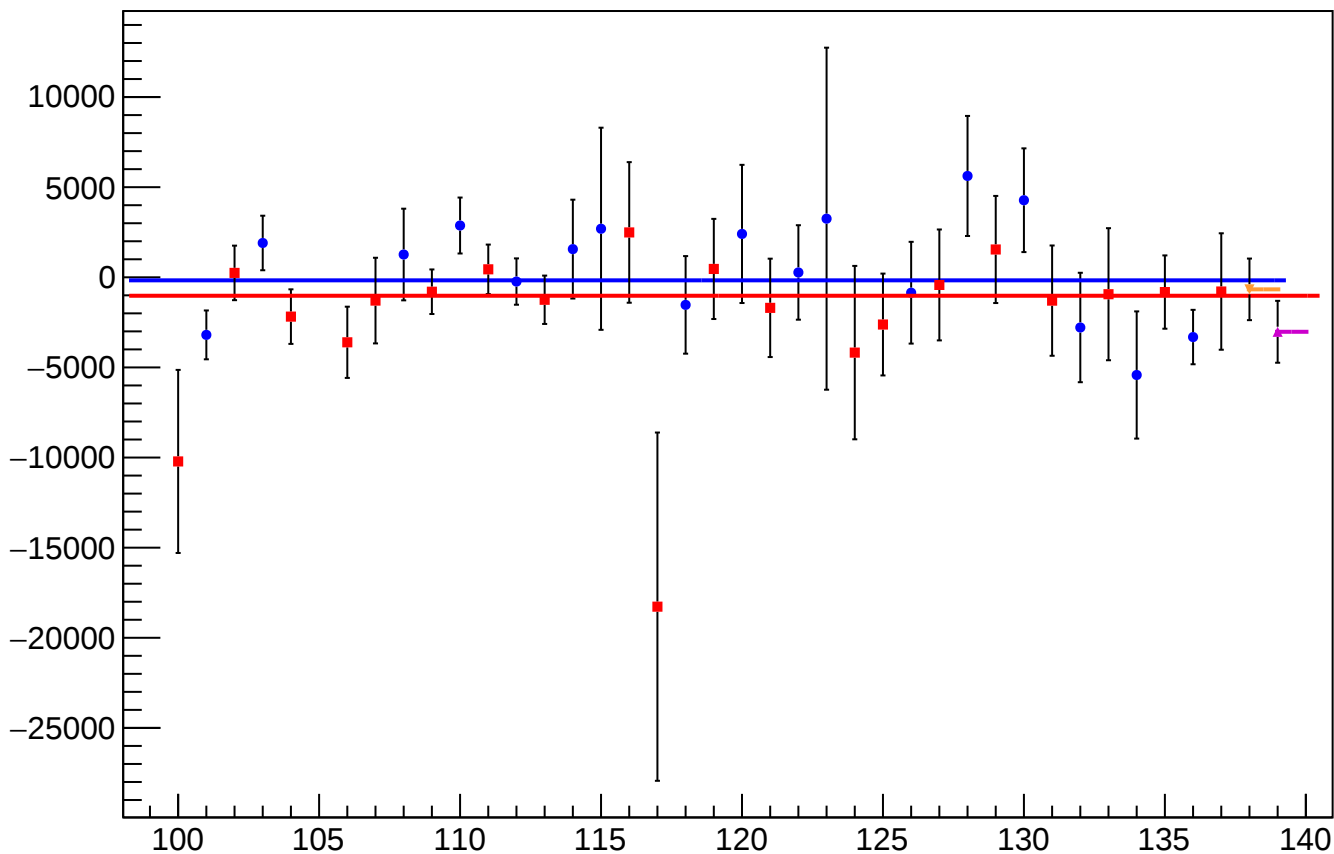
Right Out: 132.373+/-0.036 χ^2/NDF : 446741.9/19

Left In: 146.683+/-0.122 χ^2/NDF : 0.0/0

135.976+/-0.036 χ^2/NDF : 436213.8/17

133.511+/-0.034 χ^2/NDF : 459398.8/20

asym_sam_48_avg_correction_mean vs Slug



Right In: -168.237+/-523.672 χ^2/NDF : 25.3/16

Left Out: -668.470+/-1708.375 χ^2/NDF : 0.0/0

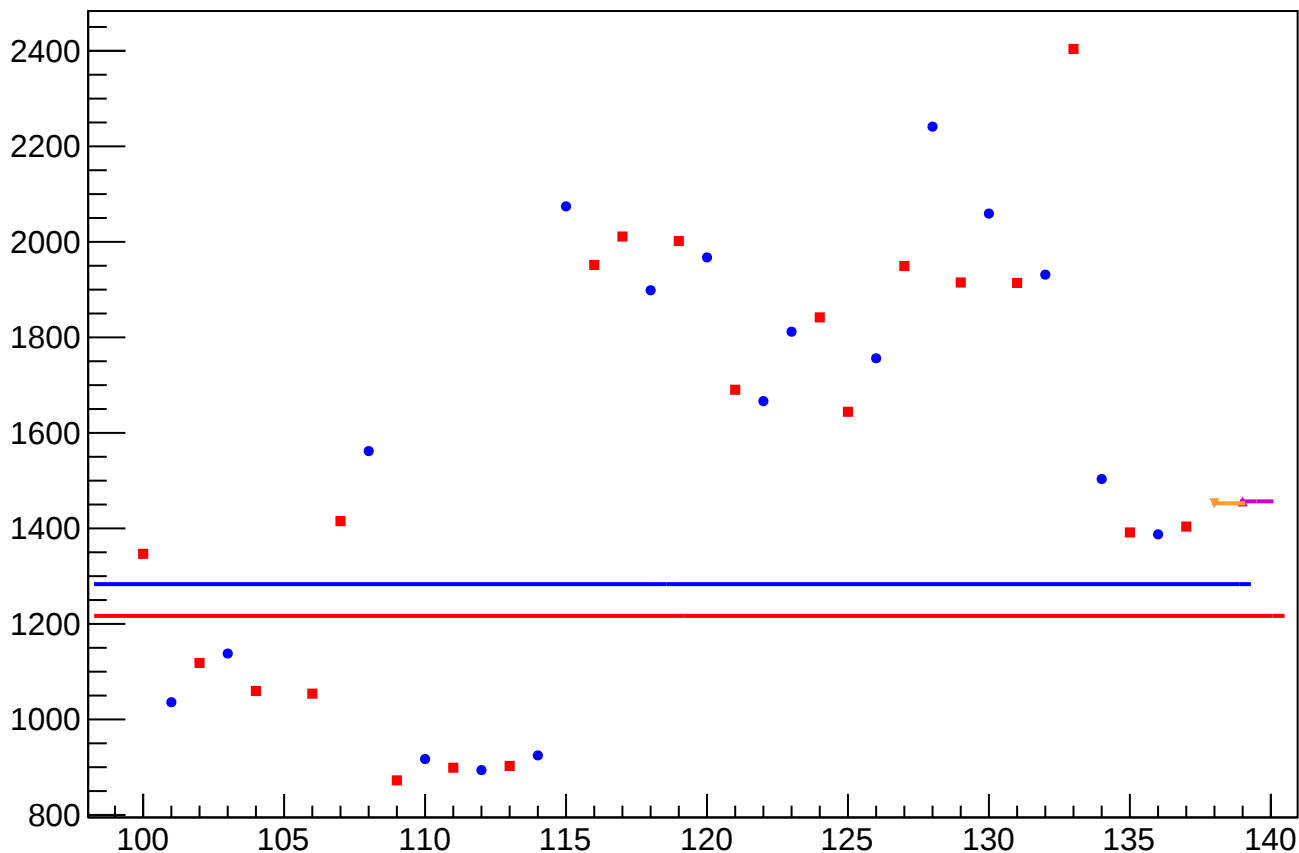
Right Out: -1023.271+/-480.373 χ^2/NDF : 13.4/19

Left In: -3022.914+/-1716.892 χ^2/NDF : 0.0/0

-211.203+/-500.678 χ^2/NDF : 25.4/17

-1168.446+/-462.607 χ^2/NDF : 14.6/20

asym_sam_48_avg_correction_rms vs Slug



Right In: 1283.318 $\pm$ 0.370 χ^2 /NDF: 1169431.5/16

Left Out: 1452.615 $\pm$ 1.208 χ^2 /NDF: 0.0/0

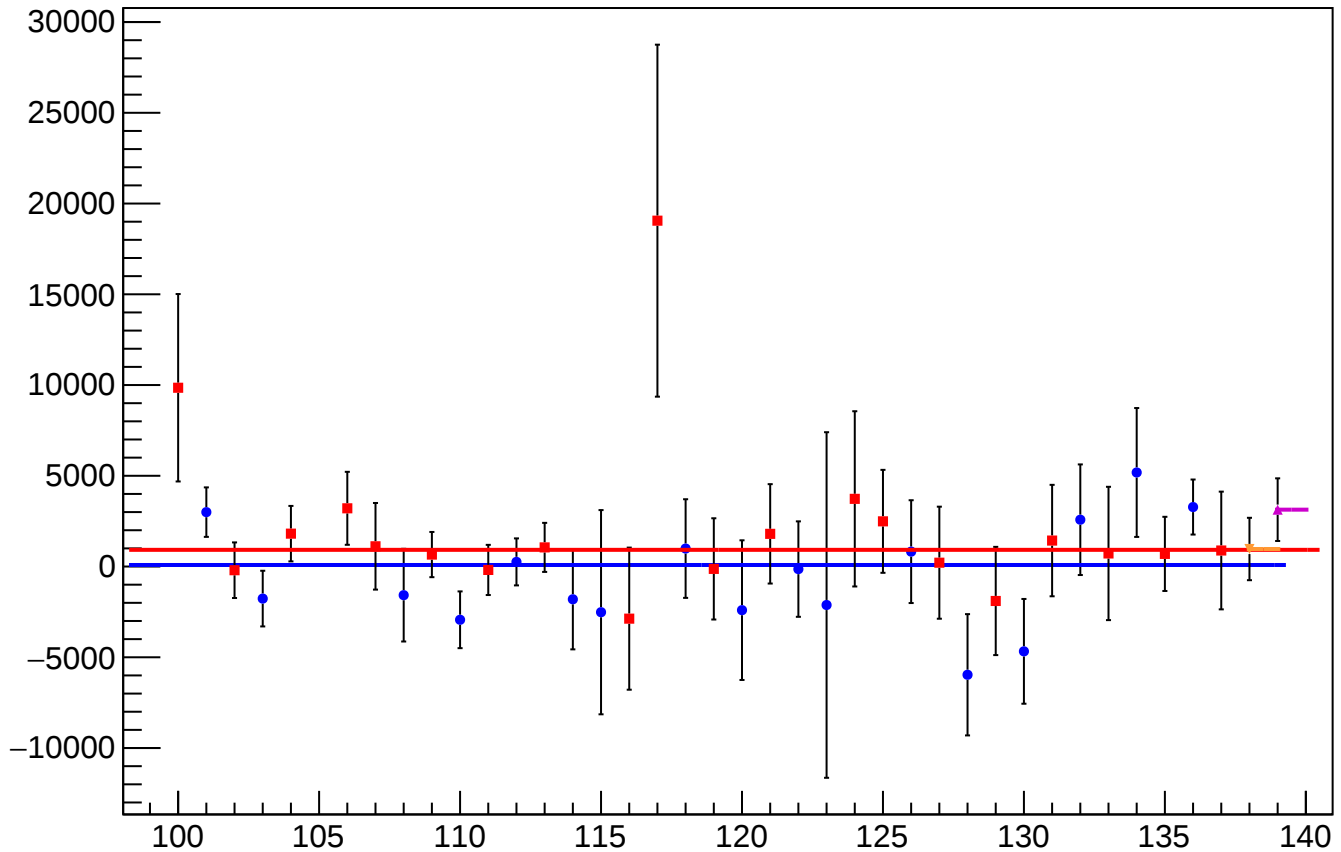
Right Out: 1216.852 $\pm$ 0.340 χ^2 /NDF: 1374416.0/19

Left In: 1456.618 $\pm$ 1.214 χ^2 /NDF: 0.0/0

1297.859 $\pm$ 0.354 χ^2 /NDF: 1187385.4/17

1234.259 $\pm$ 0.327 χ^2 /NDF: 1410589.3/20

asym_sam_48_avg_mean vs Slug



Right In: 85.077+/-527.082 χ^2/NDF : 24.7/16

Left Out: 966.214+/-1718.961 χ^2/NDF : 0.0/0

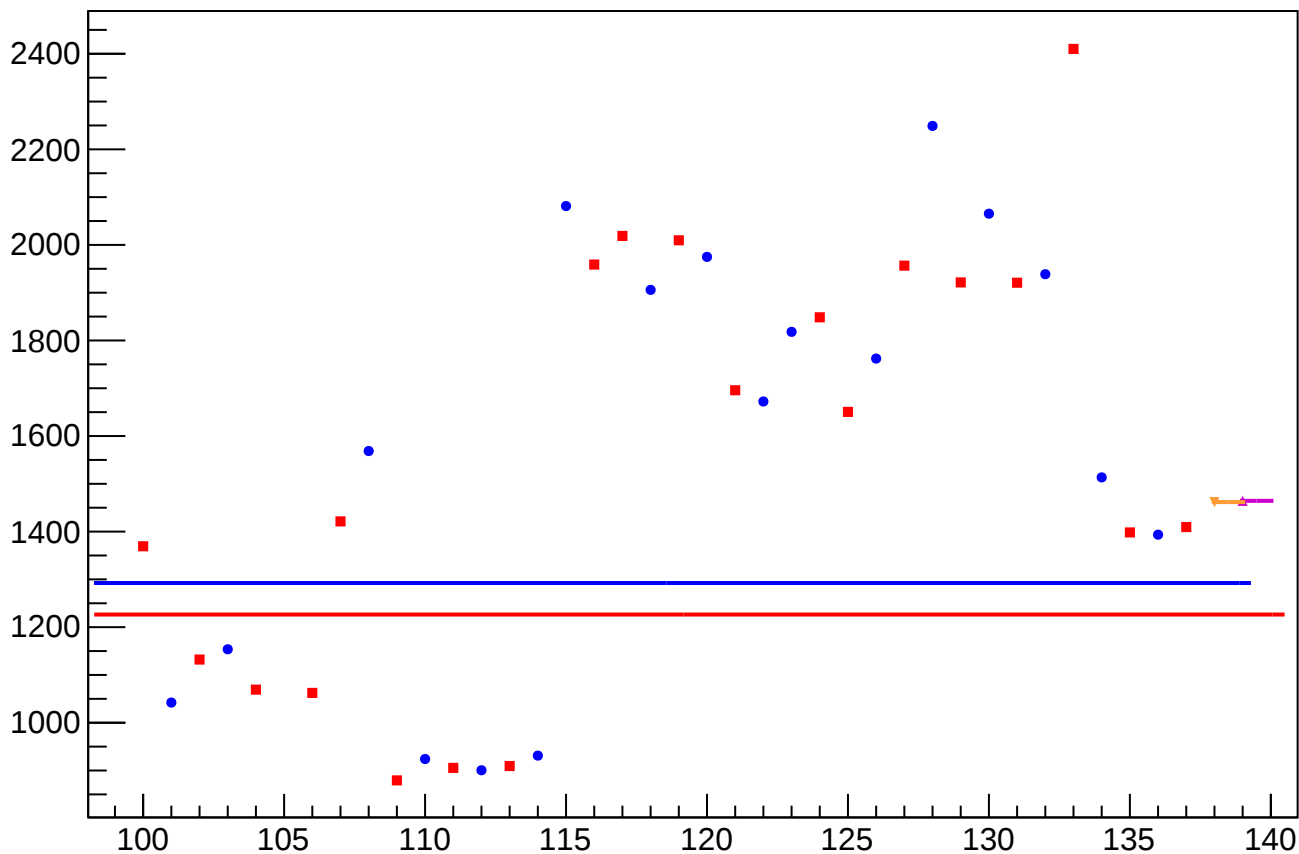
Right Out: 919.892+/-484.043 χ^2/NDF : 12.2/19

Left In: 3133.710+/-1725.907 χ^2/NDF : 0.0/0

160.802+/-503.925 χ^2/NDF : 24.9/17

1081.325+/-466.060 χ^2/NDF : 13.7/20

asym_sam_48_avg_rms vs Slug



Right In: 1292.426+/-0.373 χ^2/NDF : 1156576.0/16

Left Out: 1461.780+/-1.215 χ^2/NDF : 0.0/0

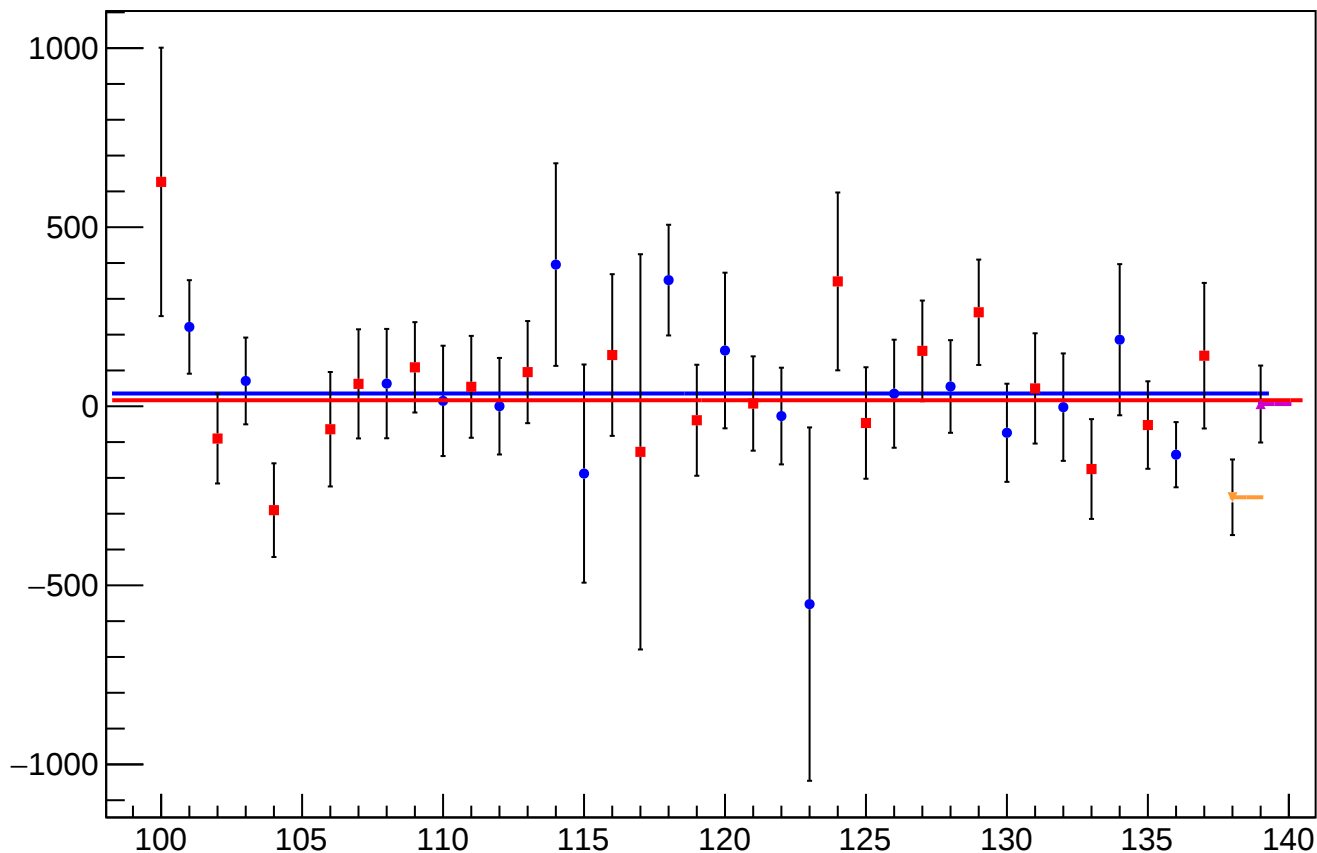
Right Out: 1226.408+/-0.342 χ^2/NDF : 1359134.9/19

Left In: 1464.374+/-1.220 χ^2/NDF : 0.0/0

1306.980+/-0.356 χ^2/NDF : 1174320.6/17

1243.761+/-0.330 χ^2/NDF : 1394383.5/20

reg_asym_sam_15_dd_mean vs Slug



Right In: 35.679+/-36.350 χ^2/NDF : 15.3/16

Left Out: -254.112+/-105.563 χ^2/NDF : 0.0/0

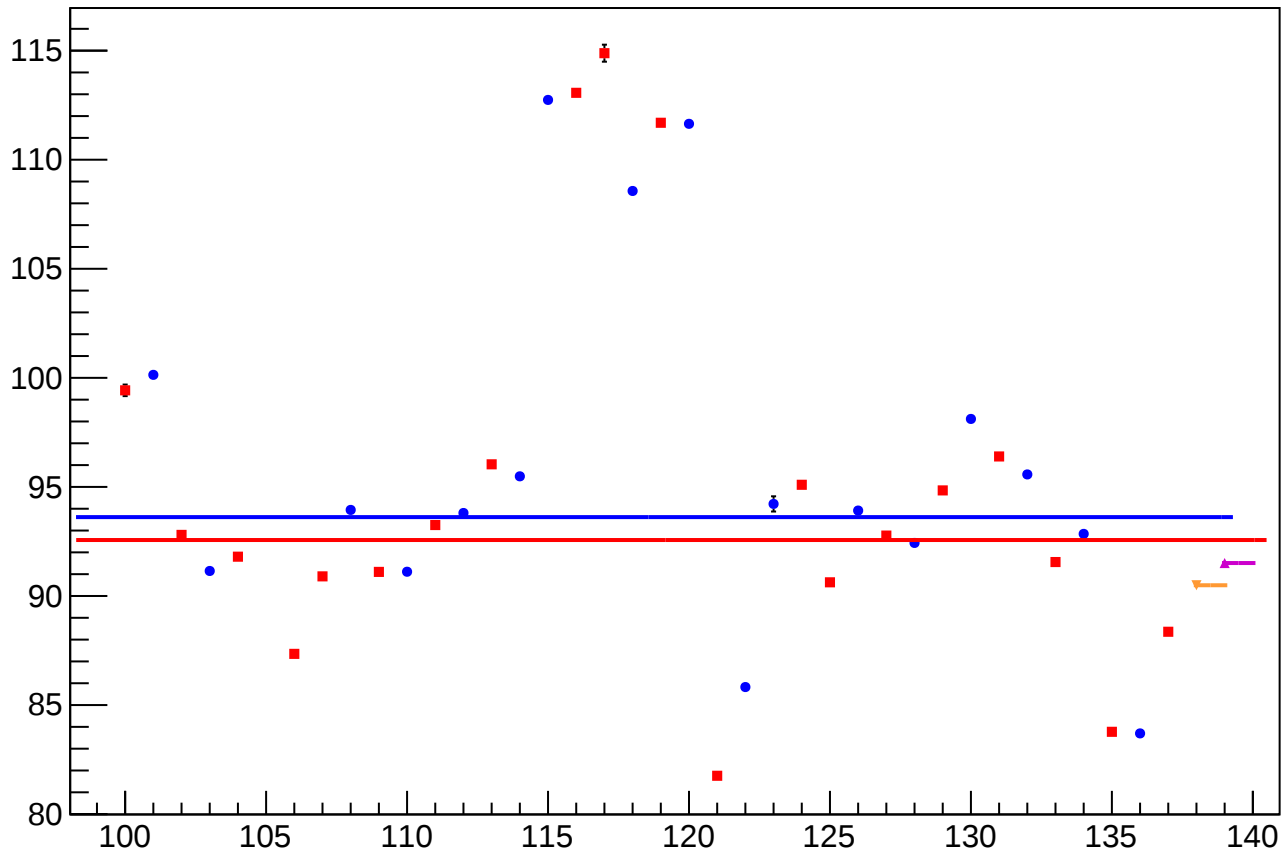
Right Out: 16.849+/-34.623 χ^2/NDF : 19.0/19

Left In: 6.238+/-107.428 χ^2/NDF : 0.0/0

4.960+/-34.370 χ^2/NDF : 22.0/17

15.850+/-32.954 χ^2/NDF : 19.0/20

reg_asym_sam_15_dd_rms vs Slug



Right In: 93.616+/-0.026 χ^2/NDF : 79928.5/16

Left Out: 90.492+/-0.075 χ^2/NDF : 0.0/0

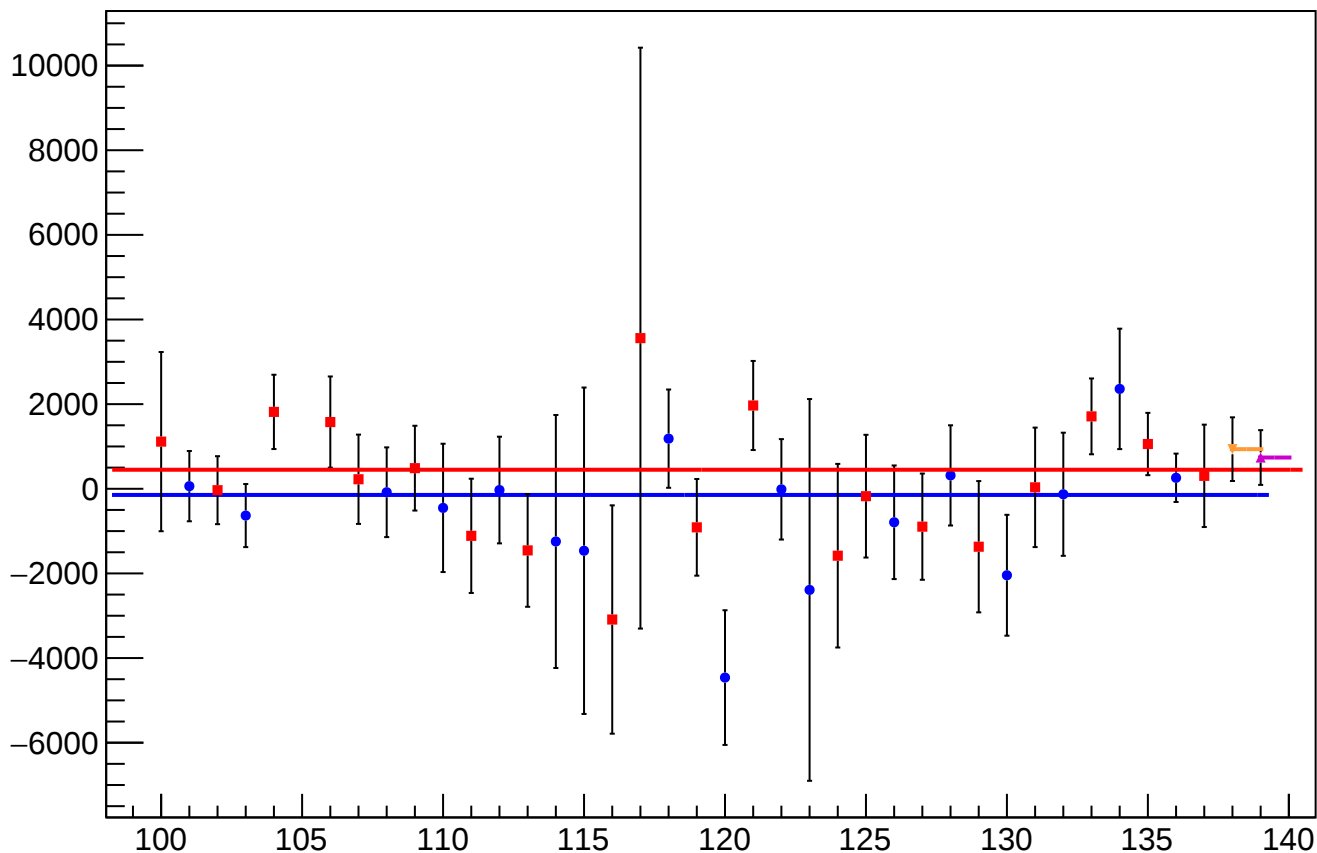
Right Out: 92.565+/-0.024 χ^2/NDF : 81875.5/19

Left In: 91.511+/-0.076 χ^2/NDF : 0.0/0

93.285+/-0.024 χ^2/NDF : 81494.4/17

92.466+/-0.023 χ^2/NDF : 82050.2/20

asym_sam_15_dd_correction_mean vs Slug



Right In: -145.464+/-276.629 χ^2/NDF : 15.5/16

Left Out: 936.012+/-752.393 χ^2/NDF : 0.0/0

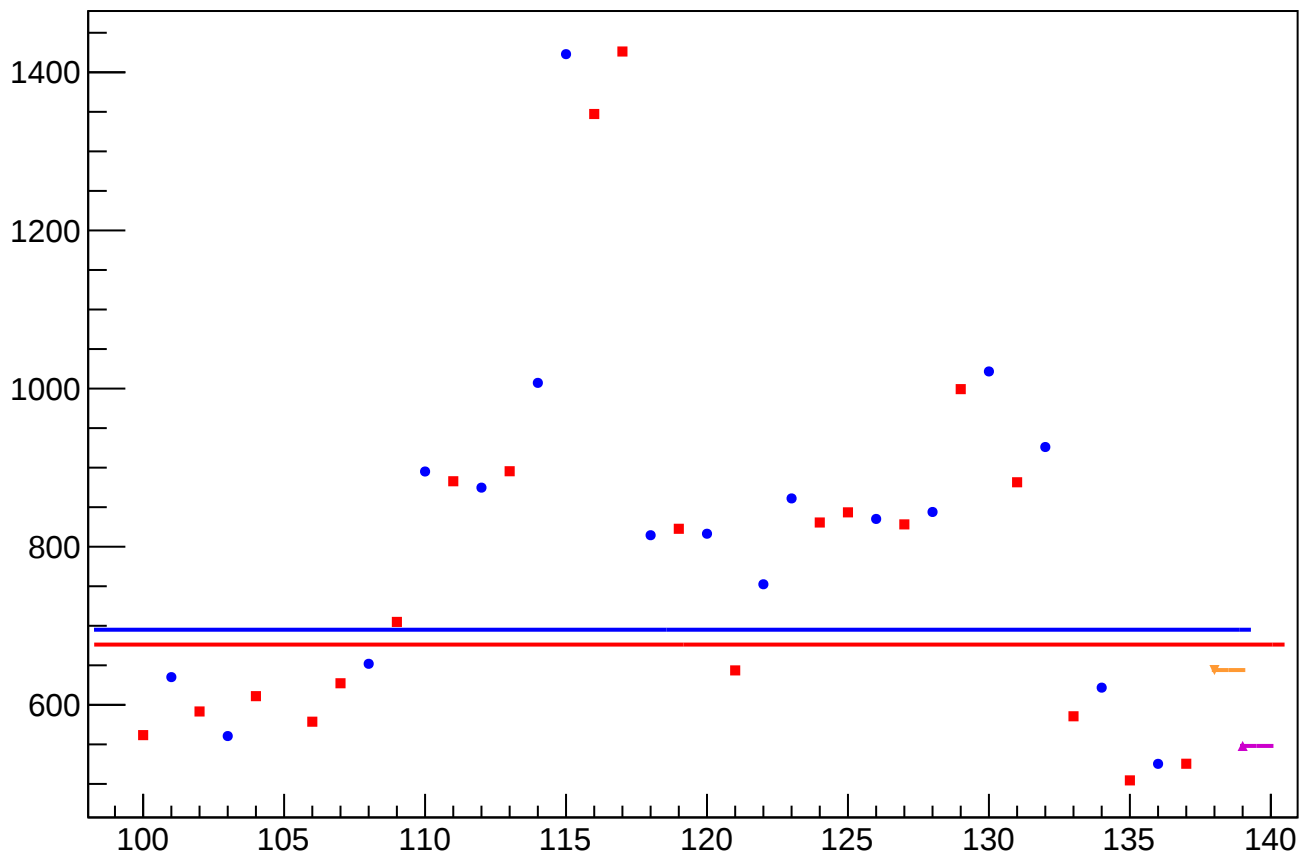
Right Out: 450.047+/-260.089 χ^2/NDF : 19.2/19

Left In: 738.636+/-646.780 χ^2/NDF : 0.0/0

-16.681+/-259.637 χ^2/NDF : 17.3/17

490.218+/-241.309 χ^2/NDF : 19.4/20

asym_sam_15_dd_correction_rms vs Slug



Right In: 695.014+/-0.196 χ^2/NDF : 677713.0/16

Left Out: 644.016+/-0.532 χ^2/NDF : 0.0/0

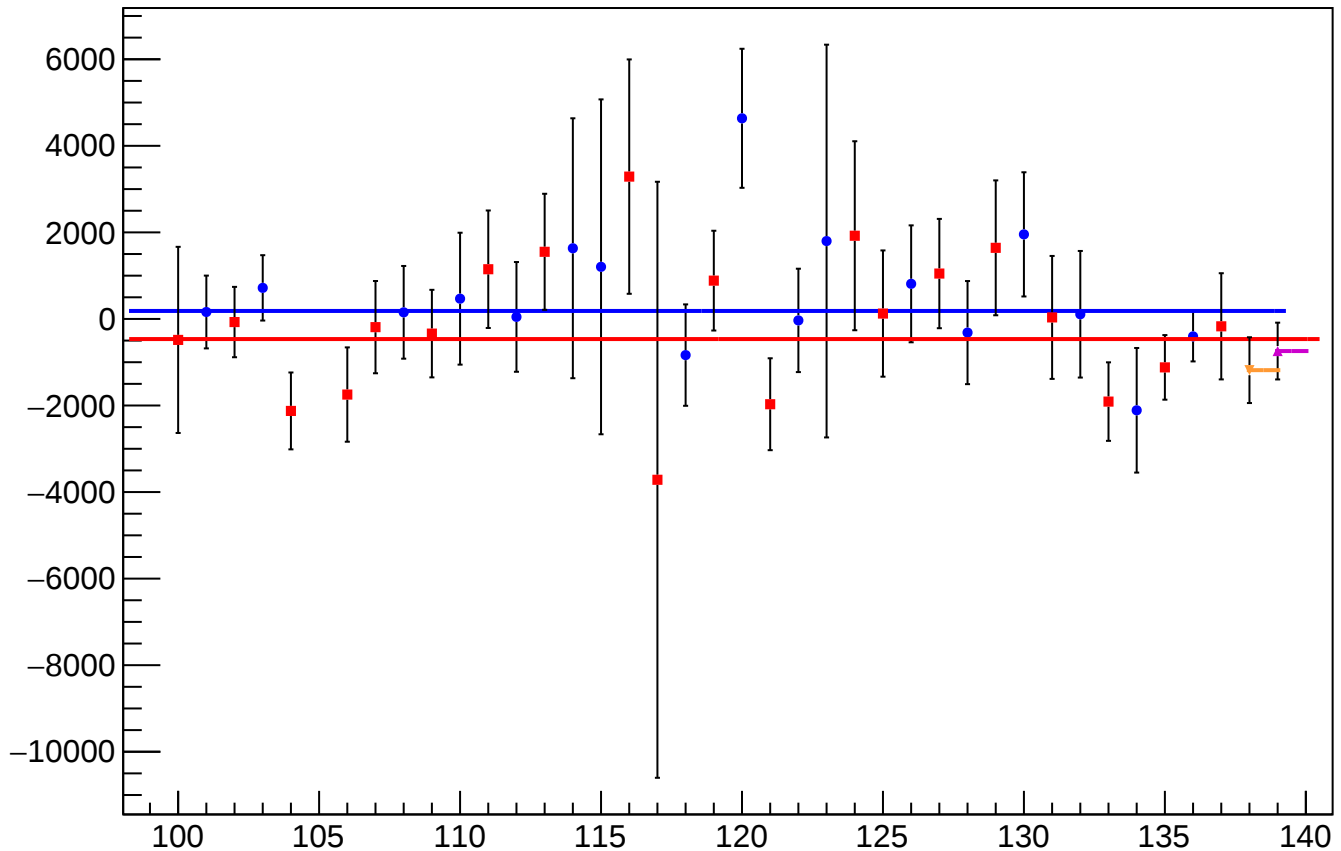
Right Out: 676.229+/-0.184 χ^2/NDF : 700313.6/19

Left In: 548.050+/-0.457 χ^2/NDF : 0.0/0

688.941+/-0.184 χ^2/NDF : 685807.4/17

658.387+/-0.171 χ^2/NDF : 767931.2/20

asym_sam_15_dd_mean vs Slug



Right In: 184.518 $\pm$ 279.390 χ^2 /NDF: 14.9/16

Left Out: -1183.379 $\pm$ 759.960 χ^2 /NDF: 0.0/0

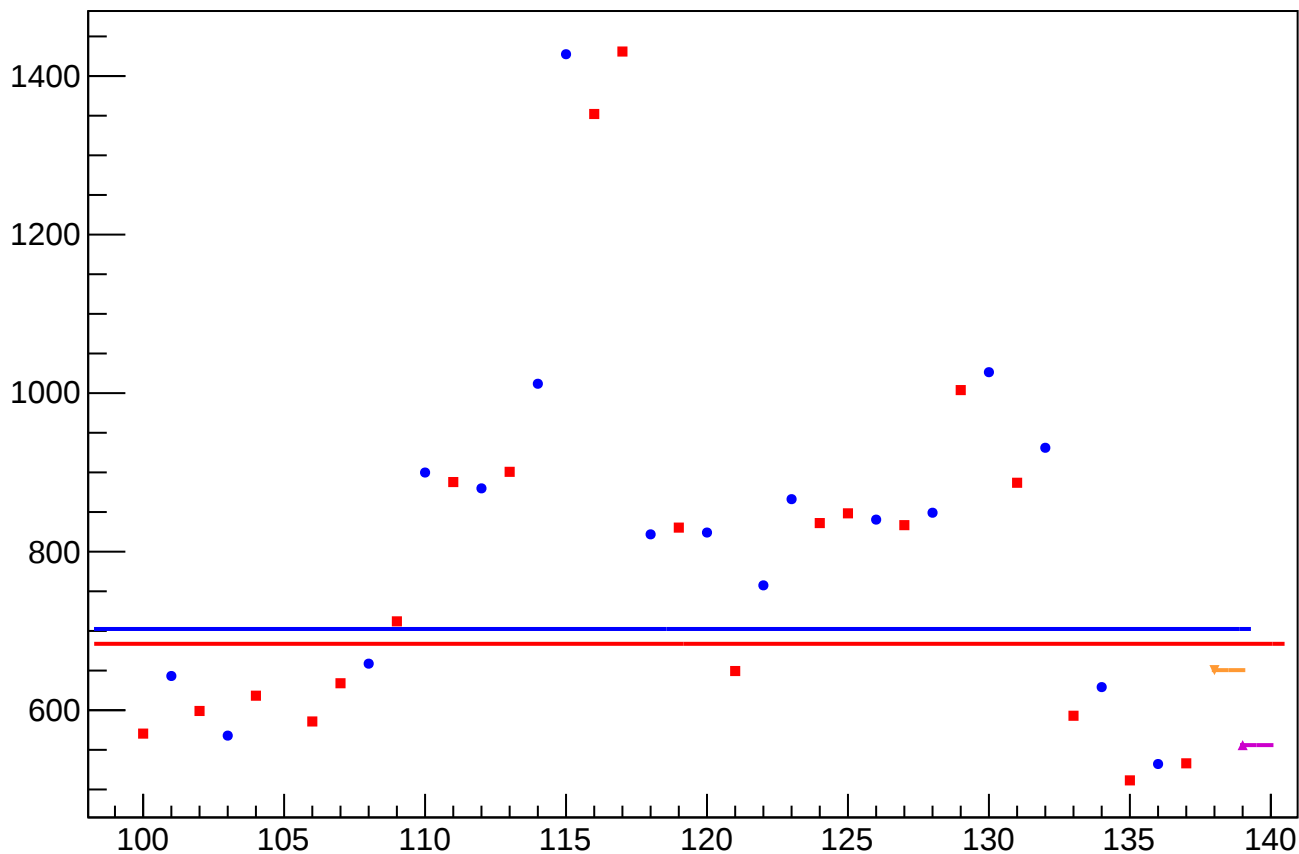
Right Out: -464.916 $\pm$ 262.768 χ^2 /NDF: 22.5/19

Left In: -742.112 $\pm$ 655.943 χ^2 /NDF: 0.0/0

21.649 $\pm$ 262.230 χ^2 /NDF: 17.8/17

-503.248 $\pm$ 243.924 χ^2 /NDF: 22.7/20

asym_sam_15_dd_rms vs Slug



Right In: 702.469+/-0.198 χ^2/NDF : 660525.4/16

Left Out: 650.553+/-0.537 χ^2/NDF : 0.0/0

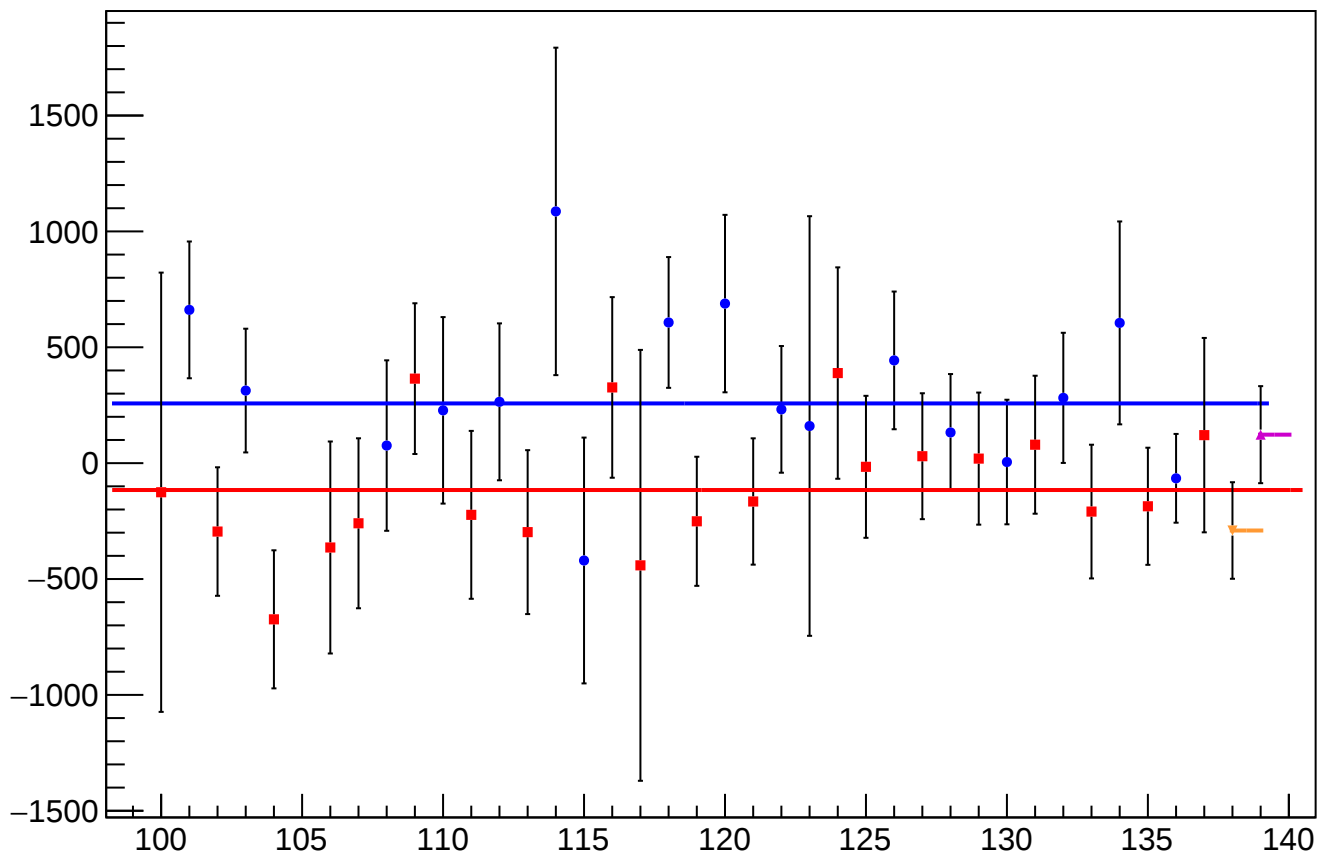
Right Out: 683.751+/-0.186 χ^2/NDF : 683105.3/19

Left In: 555.968+/-0.464 χ^2/NDF : 0.0/0

696.288+/-0.185 χ^2/NDF : 668747.7/17

666.081+/-0.172 χ^2/NDF : 748509.7/20

reg_asym_sam_26_dd_mean vs Slug



Right In: 257.721 ± 75.931 χ^2/NDF : 13.0/16

Left Out: -290.627 ± 208.316 χ^2/NDF : 0.0/0

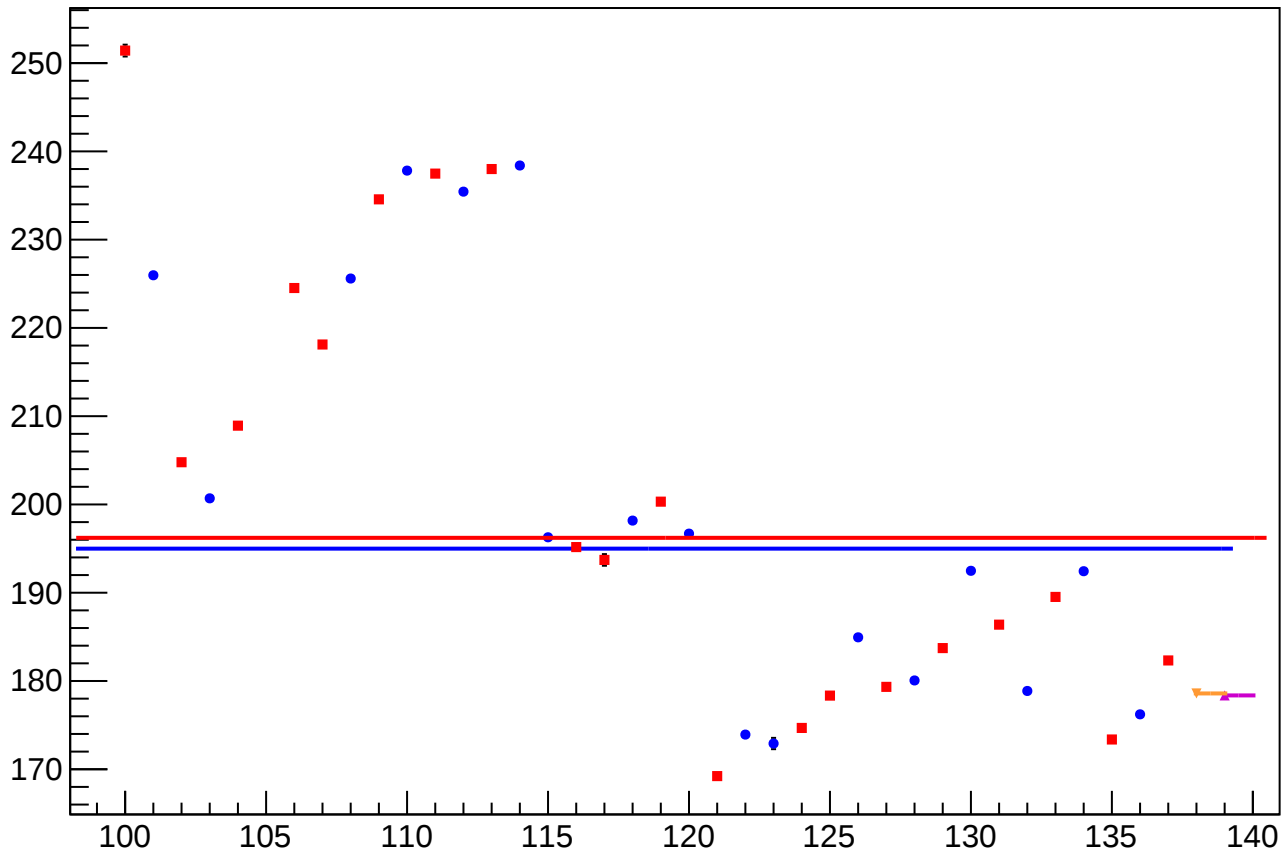
Right Out: -115.922 ± 73.976 χ^2/NDF : 11.4/19

Left In: 122.938 ± 209.351 χ^2/NDF : 0.0/0

193.411 ± 71.340 χ^2/NDF : 19.1/17

-89.409 ± 69.749 χ^2/NDF : 12.5/20

reg_asym_sam_26_dd_rms vs Slug



Right In: 194.994 $\pm$ 0.054 χ^2 /NDF: 144271.1/16

Left Out: 178.589 $\pm$ 0.147 χ^2 /NDF: 0.0/0

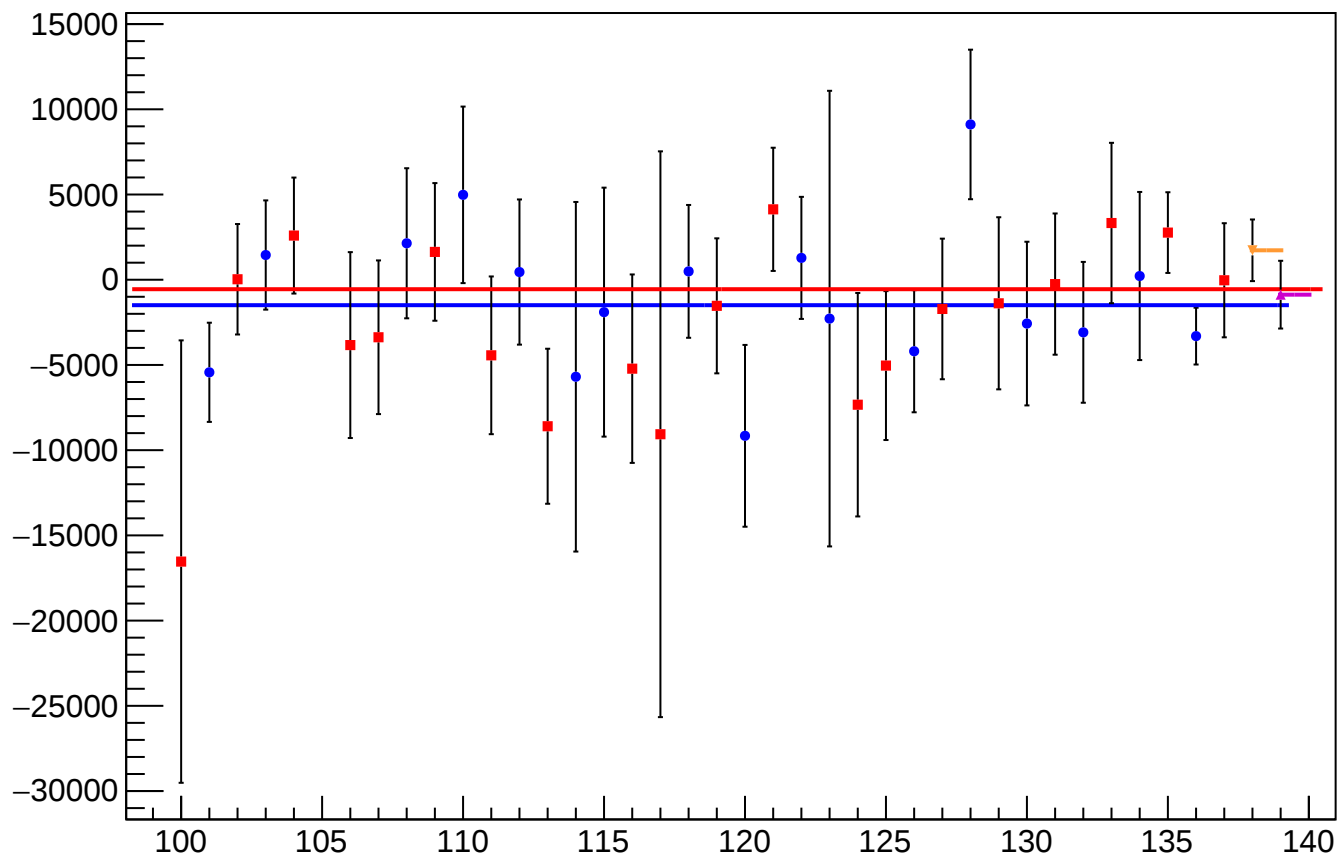
Right Out: 196.219 $\pm$ 0.052 χ^2 /NDF: 173506.2/19

Left In: 178.366 $\pm$ 0.148 χ^2 /NDF: 0.0/0

193.070 $\pm$ 0.050 χ^2 /NDF: 155219.9/17

194.237 $\pm$ 0.049 χ^2 /NDF: 186436.9/20

asym_sam_26_dd_correction_mean vs Slug



Right In: -1493.280+/-910.834 χ^2/NDF : 16.1/16

Left Out: 1726.760+/-1808.319 χ^2/NDF : 0.0/0

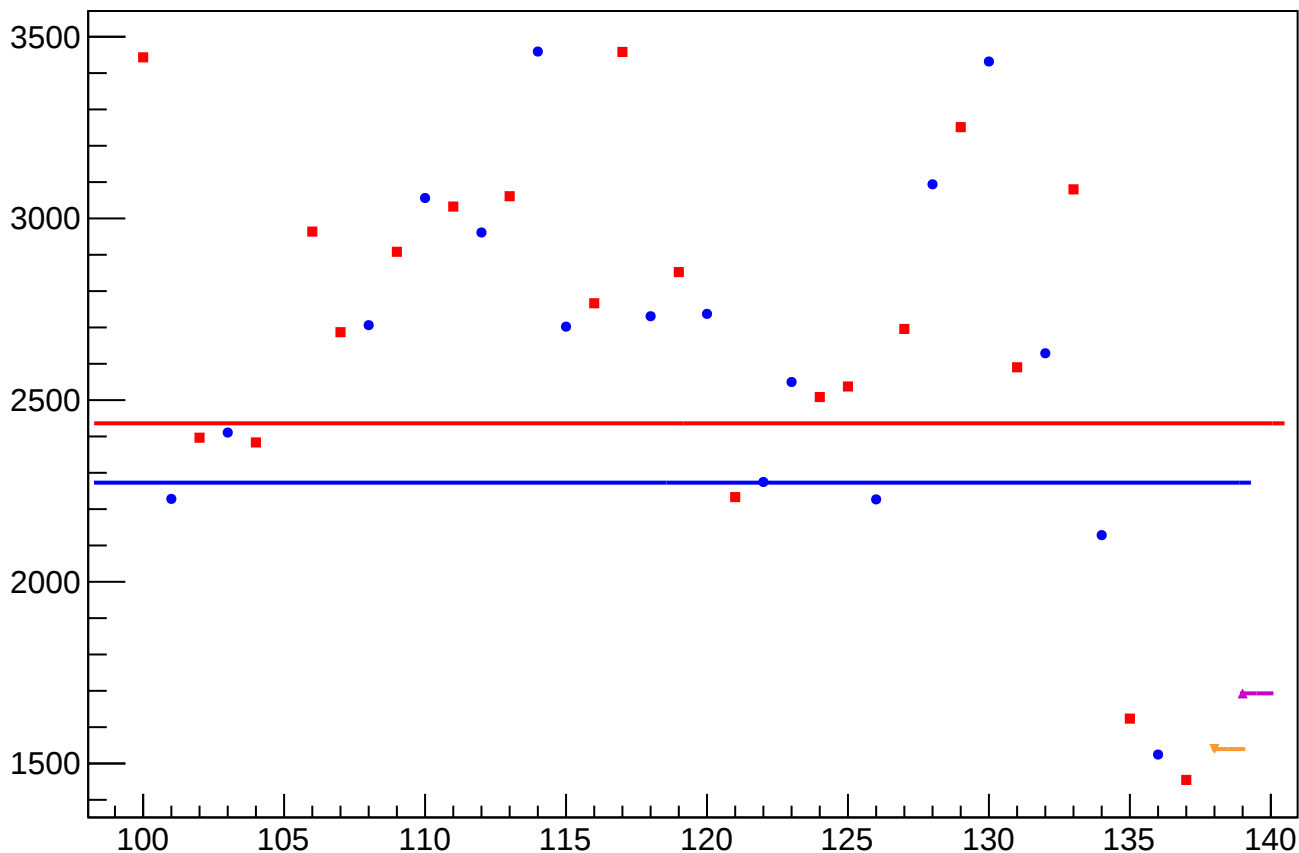
Right Out: -555.744+/-933.239 χ^2/NDF : 14.9/19

Left In: -876.320+/-1987.396 χ^2/NDF : 0.0/0

-841.660+/-813.470 χ^2/NDF : 18.7/17

-613.662+/-844.740 χ^2/NDF : 14.9/20

asym_sam_26_dd_correction_rms vs Slug



Right In: 2272.883+/-0.644 χ^2/NDF : 805650.3/16

Left Out: 1539.674+/-1.279 χ^2/NDF : 0.0/0

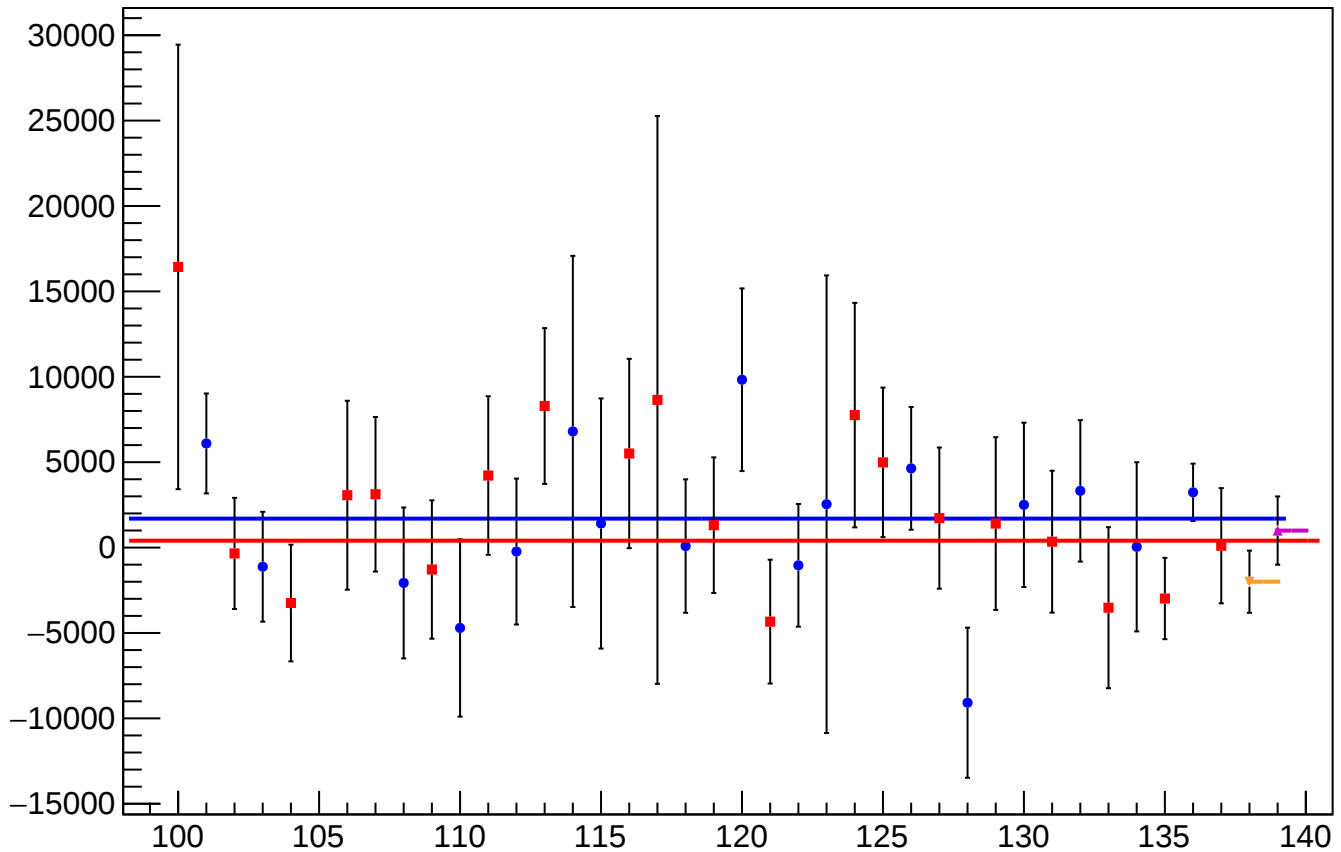
Right Out: 2436.191+/-0.660 χ^2/NDF : 688391.3/19

Left In: 1692.990+/-1.405 χ^2/NDF : 0.0/0

2124.508+/-0.575 χ^2/NDF : 1067915.3/17

2301.920+/-0.597 χ^2/NDF : 917548.9/20

asym_sam_26_dd_mean vs Slug



Right In: 1695.956 $\pm$ 914.855 χ^2 /NDF: 16.6/16

Left Out: -1999.222 $\pm$ 1820.933 χ^2 /NDF: 0.0/0

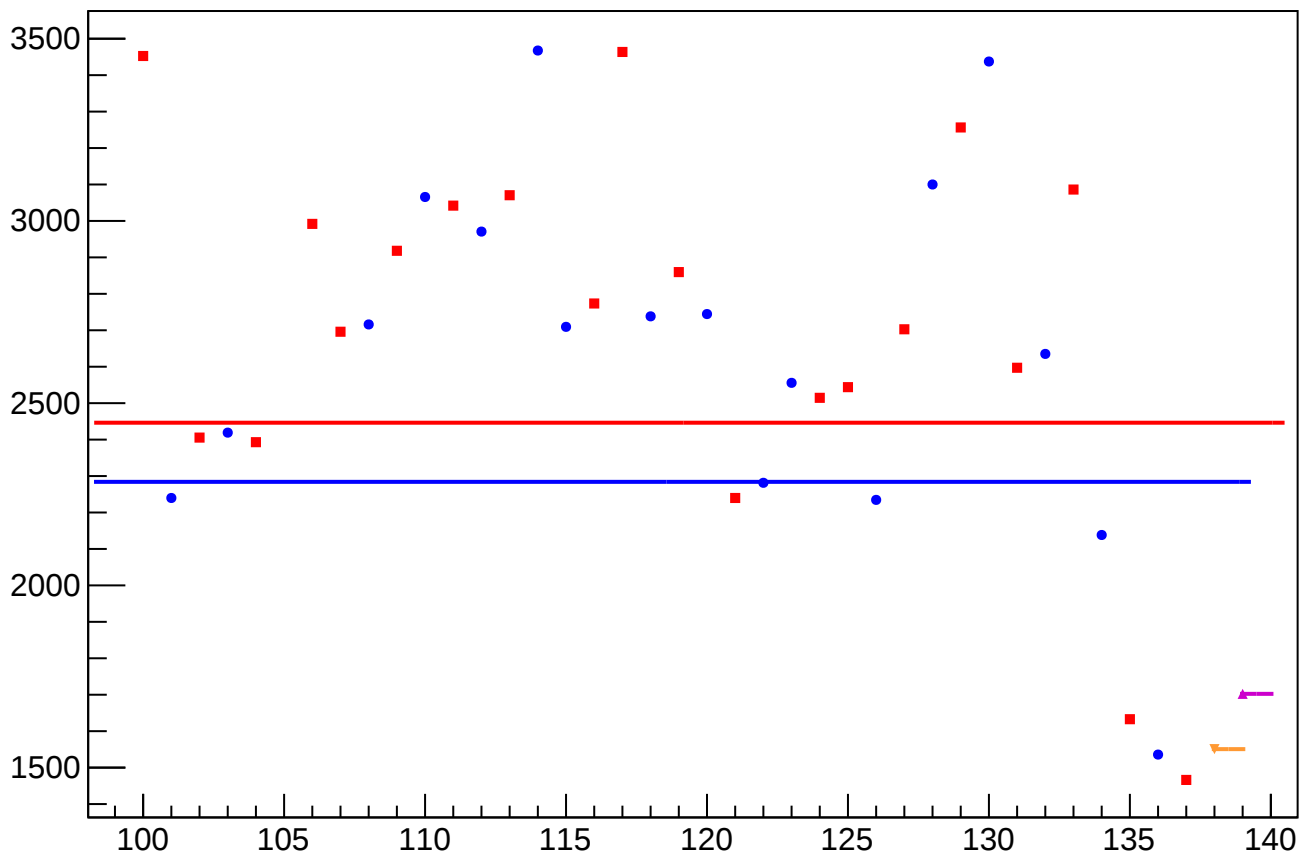
Right Out: 403.904 $\pm$ 937.036 χ^2 /NDF: 15.2/19

Left In: 995.577 $\pm$ 1998.422 χ^2 /NDF: 0.0/0

951.218 $\pm$ 817.482 χ^2 /NDF: 19.9/17

510.541 $\pm$ 848.402 χ^2 /NDF: 15.3/20

asym_sam_26_dd_rms vs Slug



Right In: 2284.104+/-0.647 χ^2/NDF : 793993.4/16

Left Out: 1550.714+/-1.288 χ^2/NDF : 0.0/0

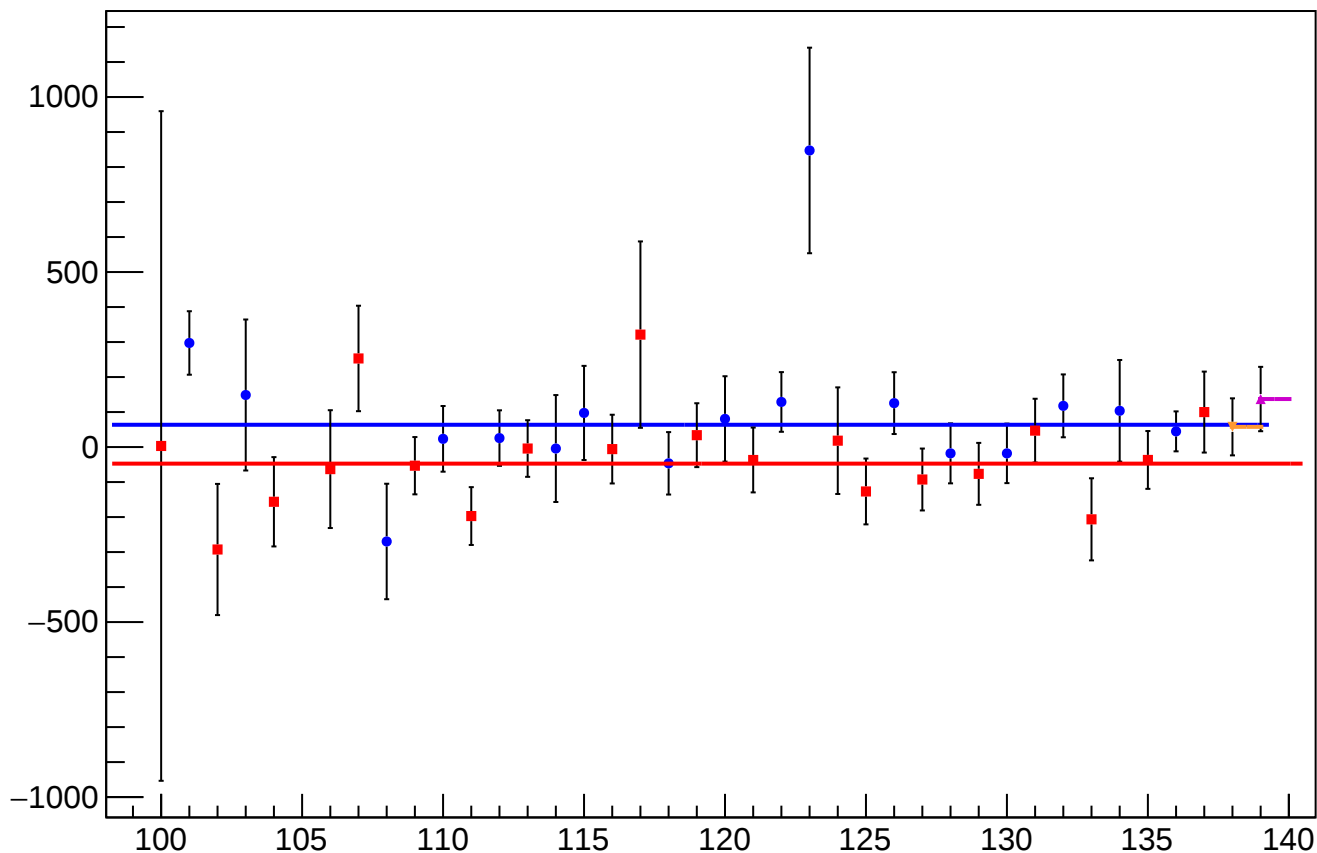
Right Out: 2446.366+/-0.663 χ^2/NDF : 680413.3/19

Left In: 1702.392+/-1.413 χ^2/NDF : 0.0/0

2136.294+/-0.578 χ^2/NDF : 1053030.9/17

2312.279+/-0.600 χ^2/NDF : 907641.5/20

reg_asym_sam_37_dd_mean vs Slug



Right In: 63.666+/-23.743 χ^2/NDF : 23.7/16

Left Out: 57.712+/-81.467 χ^2/NDF : 0.0/0

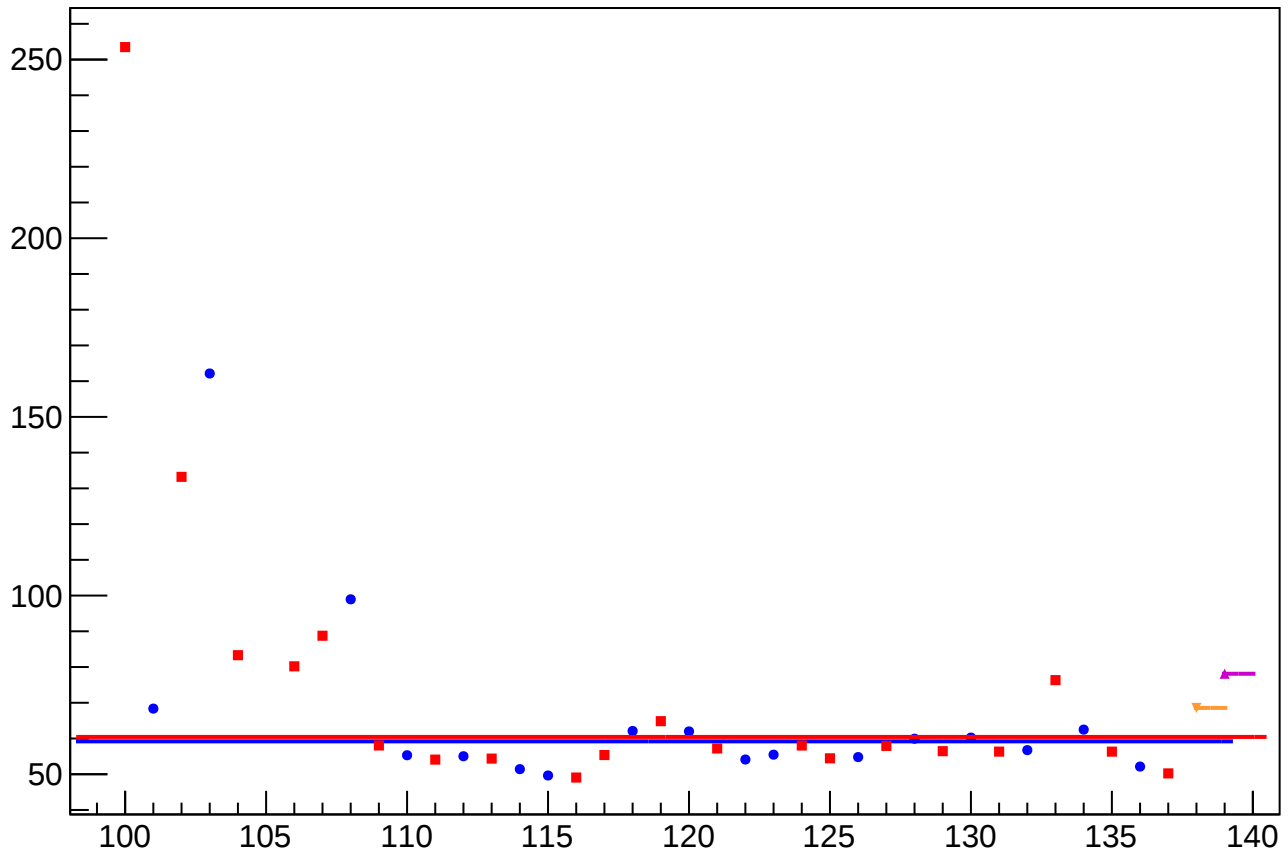
Right Out: -47.367+/-23.568 χ^2/NDF : 18.7/19

Left In: 137.194+/-91.929 χ^2/NDF : 0.0/0

63.200+/-22.794 χ^2/NDF : 23.7/17

-35.985+/-22.830 χ^2/NDF : 22.5/20

reg_asym_sam_37_dd_rms vs Slug



Right In: 59.200 $\pm$ 0.017 χ^2 /NDF: 665472.4/16

Left Out: 68.556 $\pm$ 0.058 χ^2 /NDF: 0.0/0

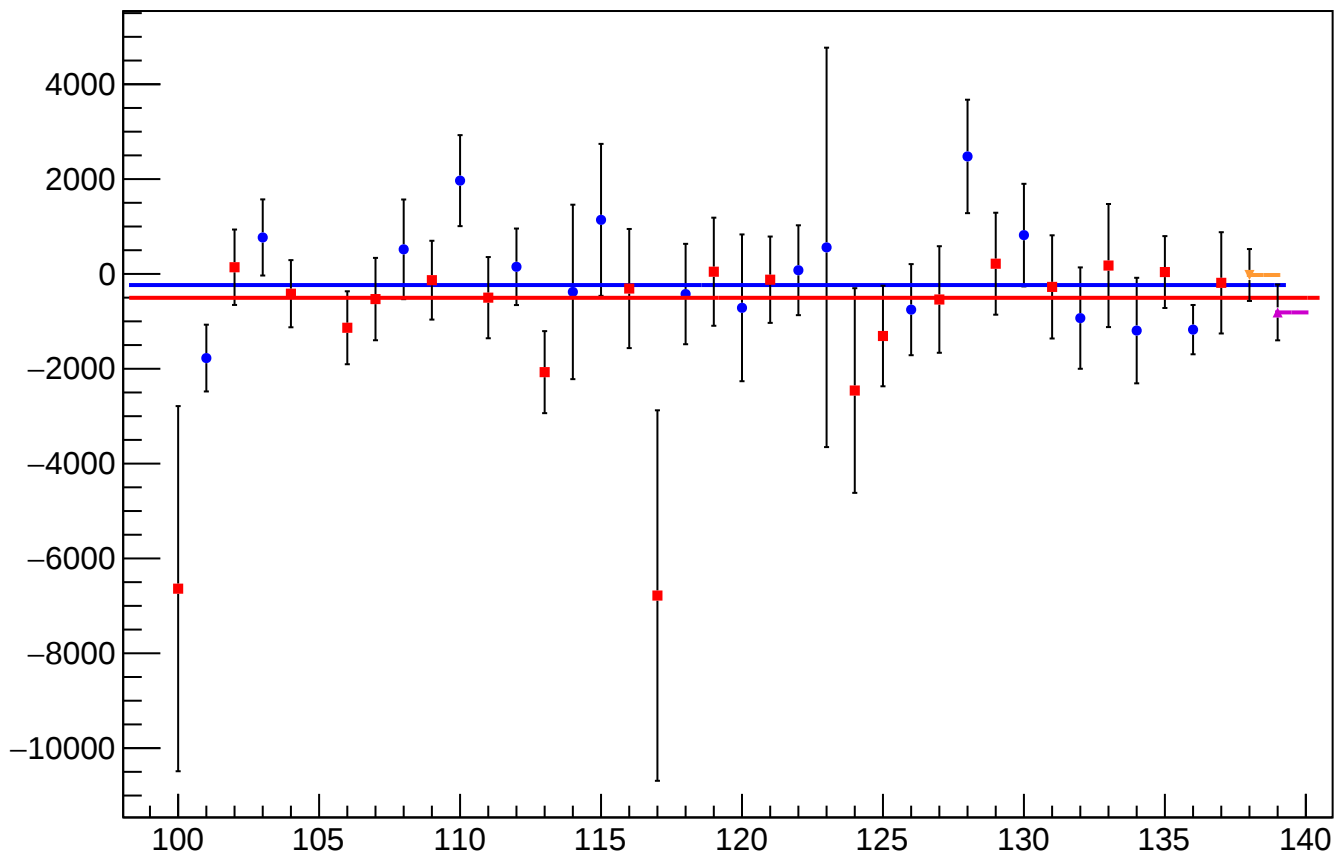
Right Out: 60.443 $\pm$ 0.017 χ^2 /NDF: 680790.3/19

Left In: 78.121 $\pm$ 0.065 χ^2 /NDF: 0.0/0

59.933 $\pm$ 0.016 χ^2 /NDF: 689783.7/17

61.533 $\pm$ 0.016 χ^2 /NDF: 750186.7/20

asym_sam_37_dd_correction_mean vs Slug



Right In: -234.492+/-233.880 χ^2/NDF : 24.2/16

Left Out: -22.381+/-547.410 χ^2/NDF : 0.0/0

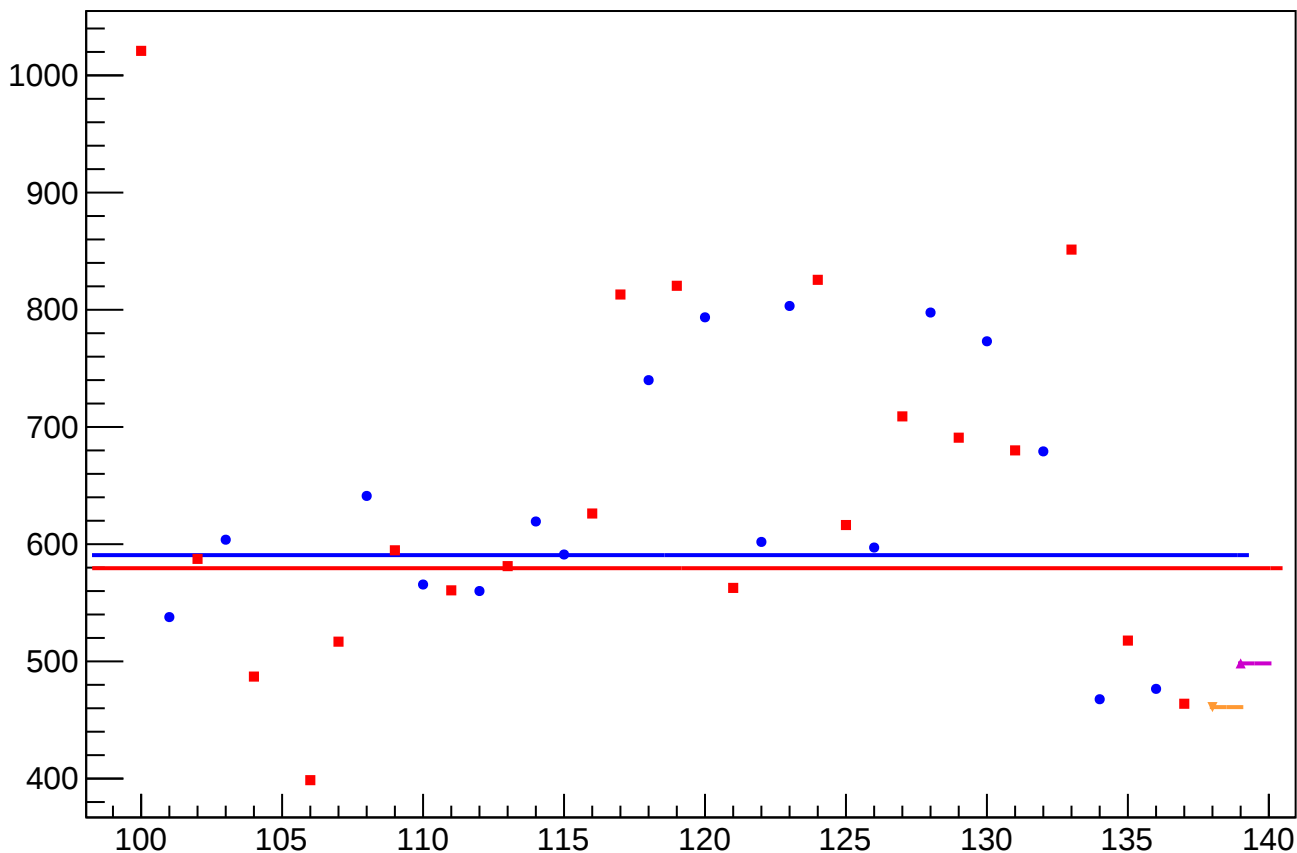
Right Out: -503.638+/-221.955 χ^2/NDF : 13.2/19

Left In: -811.620+/-588.693 χ^2/NDF : 0.0/0

-201.749+/-215.073 χ^2/NDF : 24.3/17

-541.969+/-207.684 χ^2/NDF : 13.4/20

asym_sam_37_dd_correction_rms vs Slug



Right In: 590.659 $\pm$ 0.165 χ^2 /NDF: 352080.1/16

Left Out: 460.990 $\pm$ 0.387 χ^2 /NDF: 0.0/0

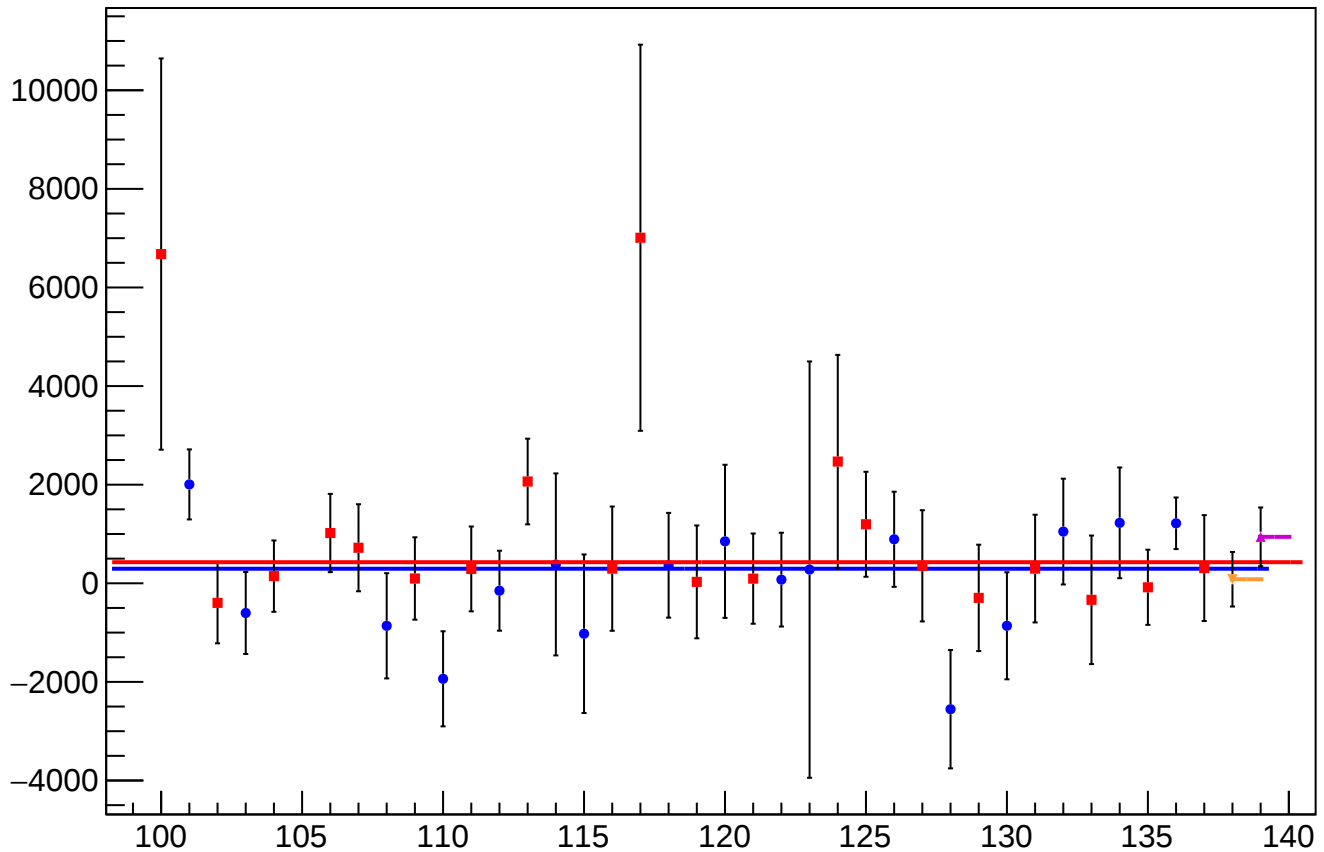
Right Out: 579.509 $\pm$ 0.157 χ^2 /NDF: 501132.1/19

Left In: 498.282 $\pm$ 0.416 χ^2 /NDF: 0.0/0

570.643 $\pm$ 0.152 χ^2 /NDF: 446979.5/17

569.399 $\pm$ 0.147 χ^2 /NDF: 534469.3/20

asym_sam_37_dd_mean vs Slug



Right In: 295.401 $\pm$ 235.860 χ^2 /NDF: 26.1/16

Left Out: 82.340 $\pm$ 553.490 χ^2 /NDF: 0.0/0

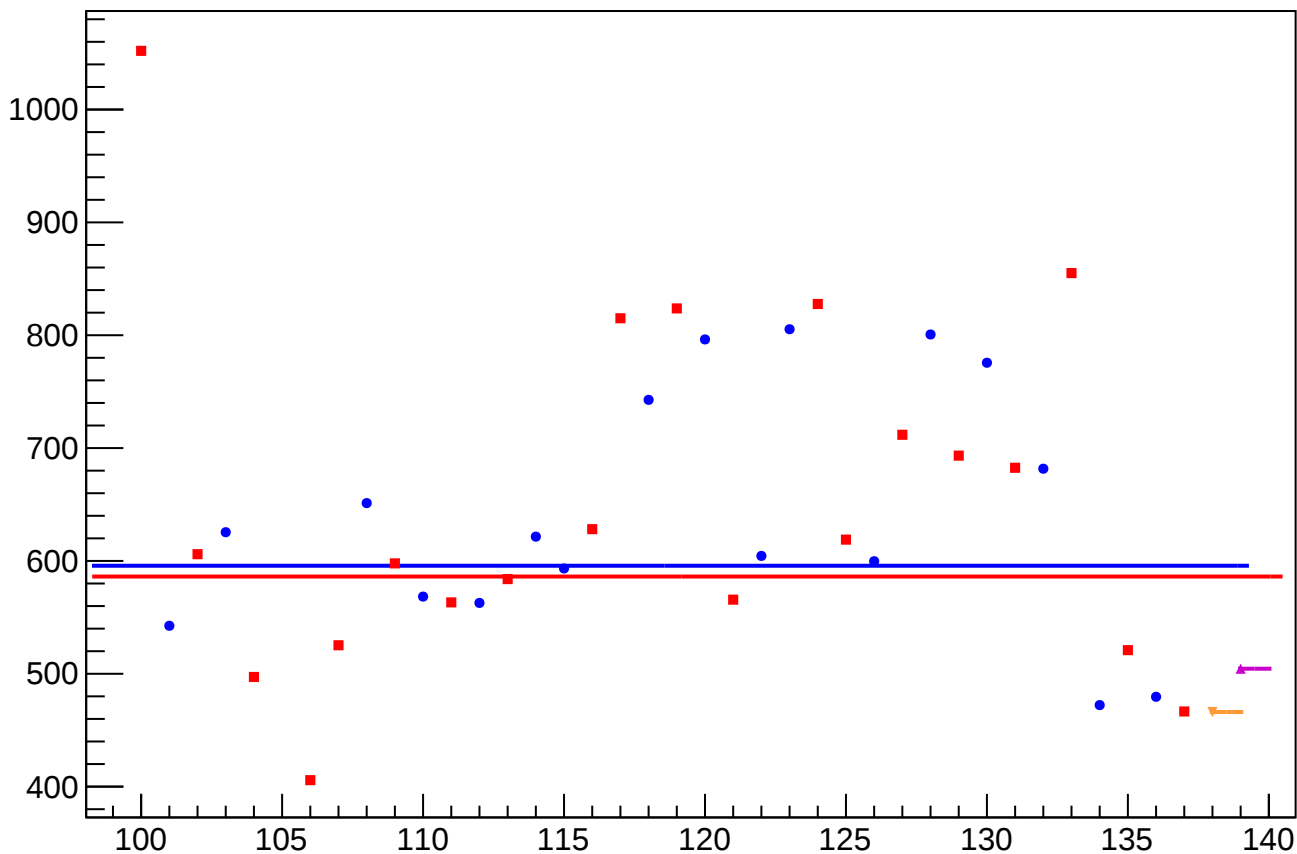
Right Out: 427.853 $\pm$ 224.485 χ^2 /NDF: 13.8/19

Left In: 941.814 $\pm$ 595.945 χ^2 /NDF: 0.0/0

262.657 $\pm$ 216.981 χ^2 /NDF: 26.2/17

491.719 $\pm$ 210.075 χ^2 /NDF: 14.5/20

asym_sam_37_dd_rms vs Slug



Right In: 595.734+/-0.167 χ^2/NDF : 350058.2/16

Left Out: 466.112+/-0.391 χ^2/NDF : 0.0/0

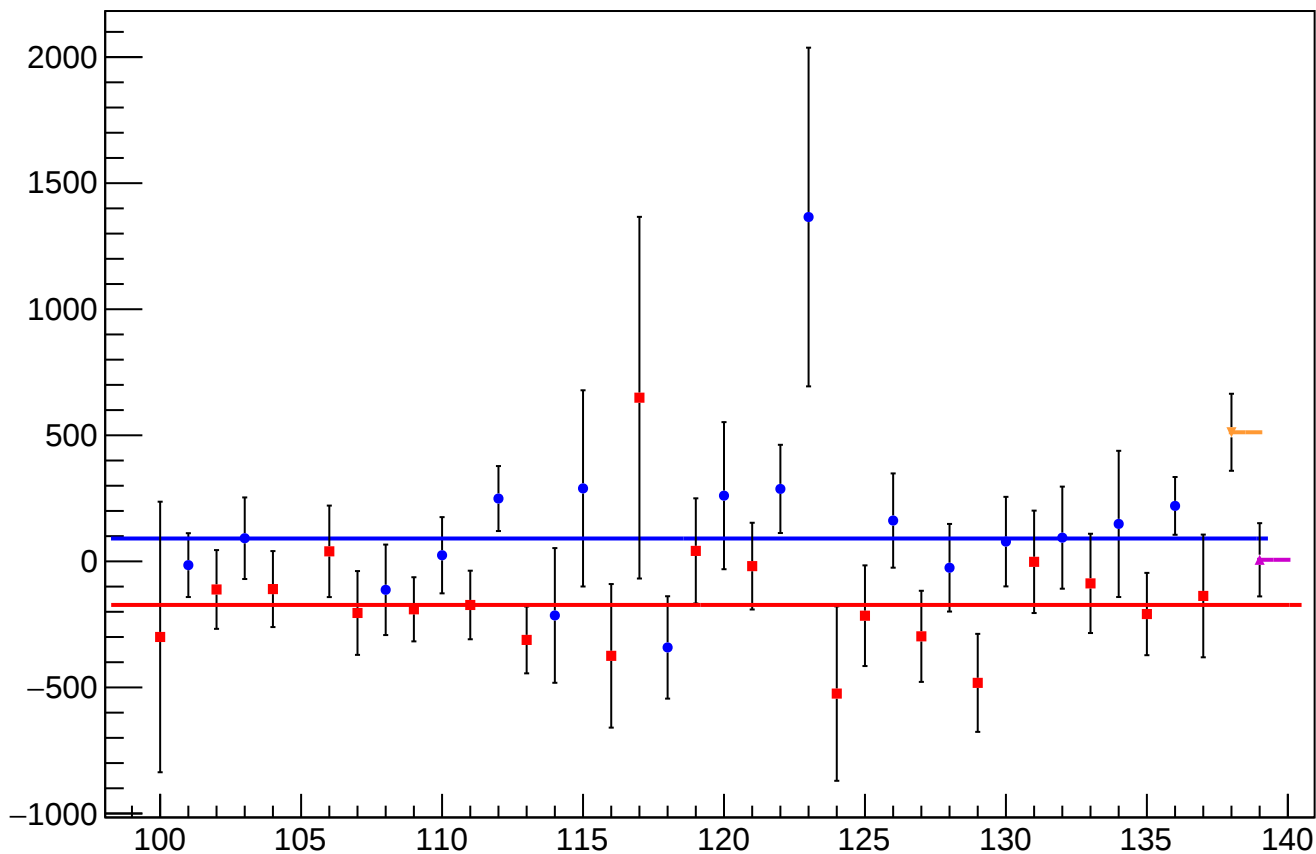
Right Out: 586.176+/-0.159 χ^2/NDF : 481325.4/19

Left In: 504.497+/-0.421 χ^2/NDF : 0.0/0

575.813+/-0.153 χ^2/NDF : 442891.0/17

576.026+/-0.149 χ^2/NDF : 514226.3/20

reg_asym_sam_48_dd_mean vs Slug



Right In: 90.711 ± 43.312 χ^2/NDF : 16.9/16

Left Out: 512.011 ± 152.765 χ^2/NDF : 0.0/0

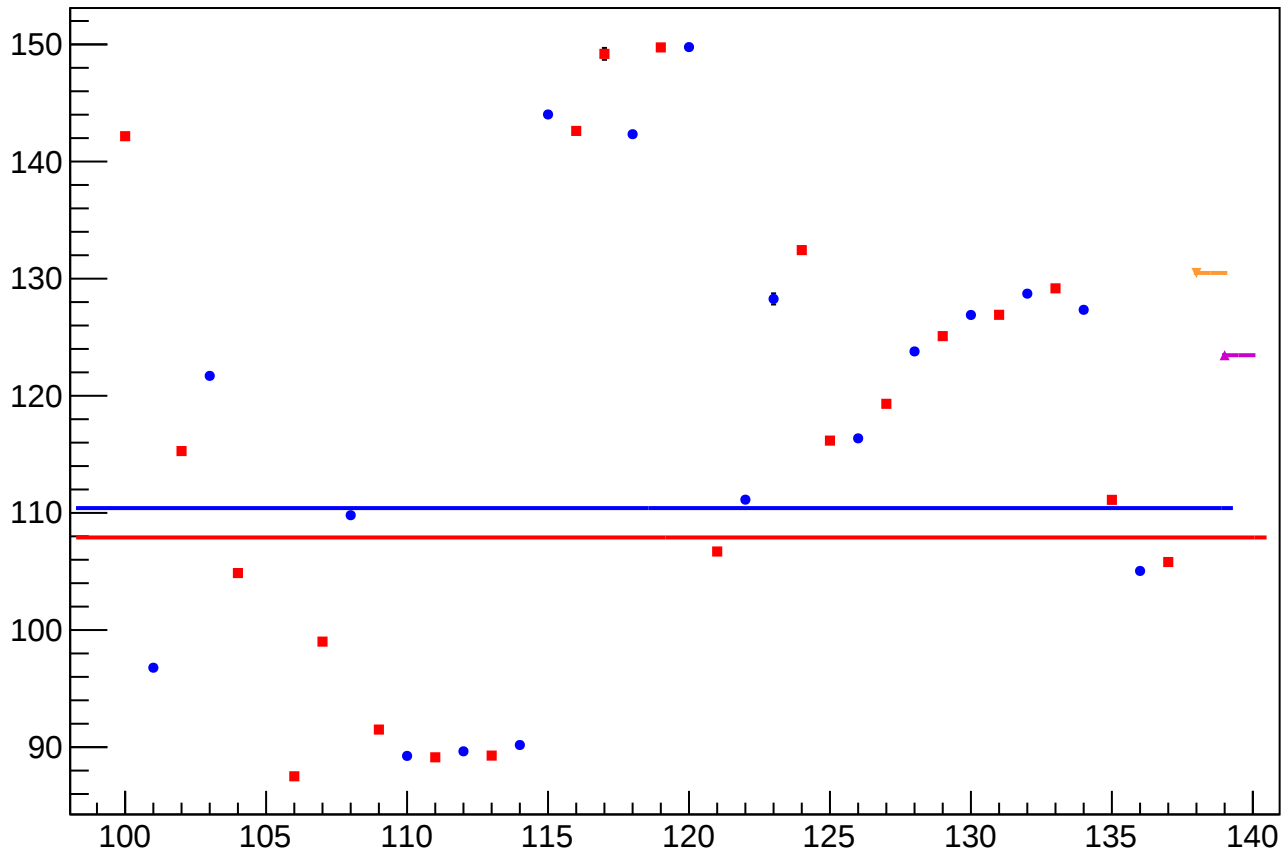
Right Out: -172.786 ± 41.033 χ^2/NDF : 11.6/19

Left In: 6.287 ± 145.246 χ^2/NDF : 0.0/0

122.057 ± 41.670 χ^2/NDF : 23.9/17

-159.550 ± 39.488 χ^2/NDF : 13.0/20

reg_asym_sam_48_dd_rms vs Slug



Right In: 110.411±/-0.031 χ^2/NDF : 296425.4/16

Left Out: 130.488±/-0.108 χ^2/NDF : 0.0/0

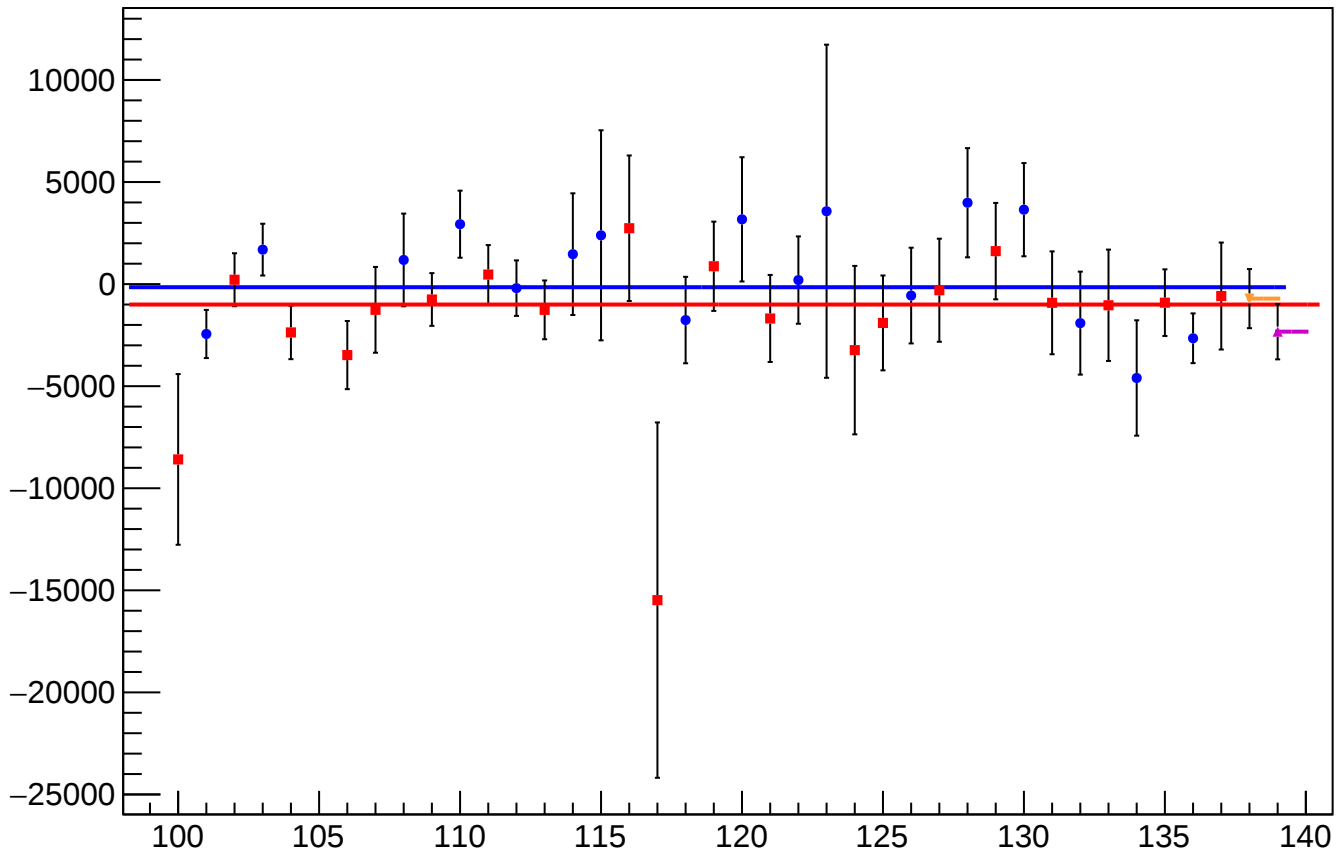
Right Out: 107.903±/-0.029 χ^2/NDF : 351091.4/19

Left In: 123.464±/-0.103 χ^2/NDF : 0.0/0

111.905±/-0.029 χ^2/NDF : 328398.6/17

109.054±/-0.028 χ^2/NDF : 372350.9/20

asym_sam_48_dd_correction_mean vs Slug



Right In: -152.403+/-464.753 χ^2/NDF : 24.7/16

Left Out: -710.444+/-1448.422 χ^2/NDF : 0.0/0

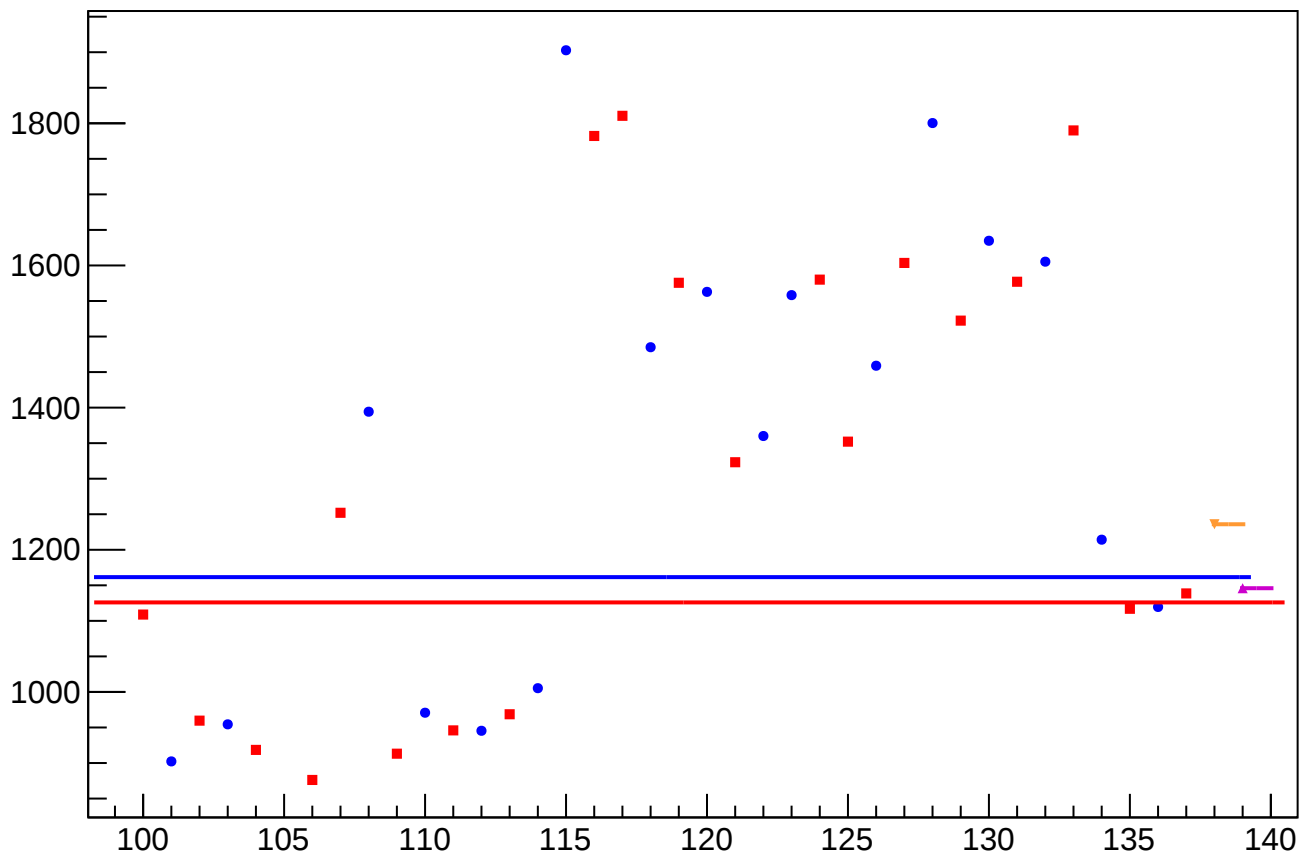
Right Out: -1000.907+/-434.569 χ^2/NDF : 15.1/19

Left In: -2329.480+/-1356.482 χ^2/NDF : 0.0/0

-204.494+/-442.530 χ^2/NDF : 24.8/17

-1124.571+/-413.850 χ^2/NDF : 15.9/20

asym_sam_48_dd_correction_rms vs Slug



Right In: 1161.530+/-0.329 χ^2/NDF : 695906.9/16

Left Out: 1235.918+/-1.024 χ^2/NDF : 0.0/0

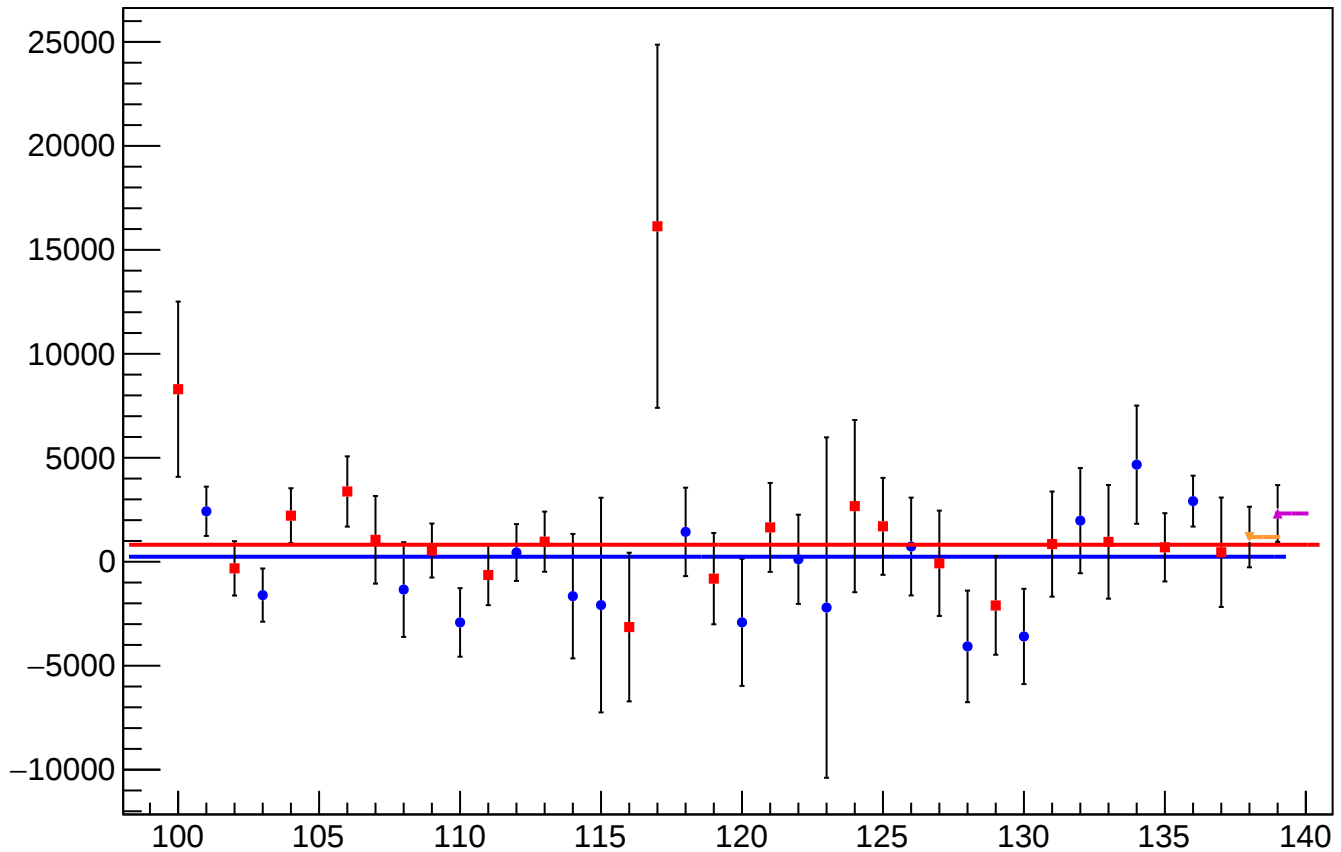
Right Out: 1125.946+/-0.307 χ^2/NDF : 780195.3/19

Left In: 1145.936+/-0.959 χ^2/NDF : 0.0/0

1168.474+/-0.313 χ^2/NDF : 700689.8/17

1127.806+/-0.293 χ^2/NDF : 780589.2/20

asym_sam_48_dd_mean vs Slug



Right In: 240.732 $\pm$ 467.036 χ^2 /NDF: 24.8/16

Left Out: 1188.936 $\pm$ 1456.583 χ^2 /NDF: 0.0/0

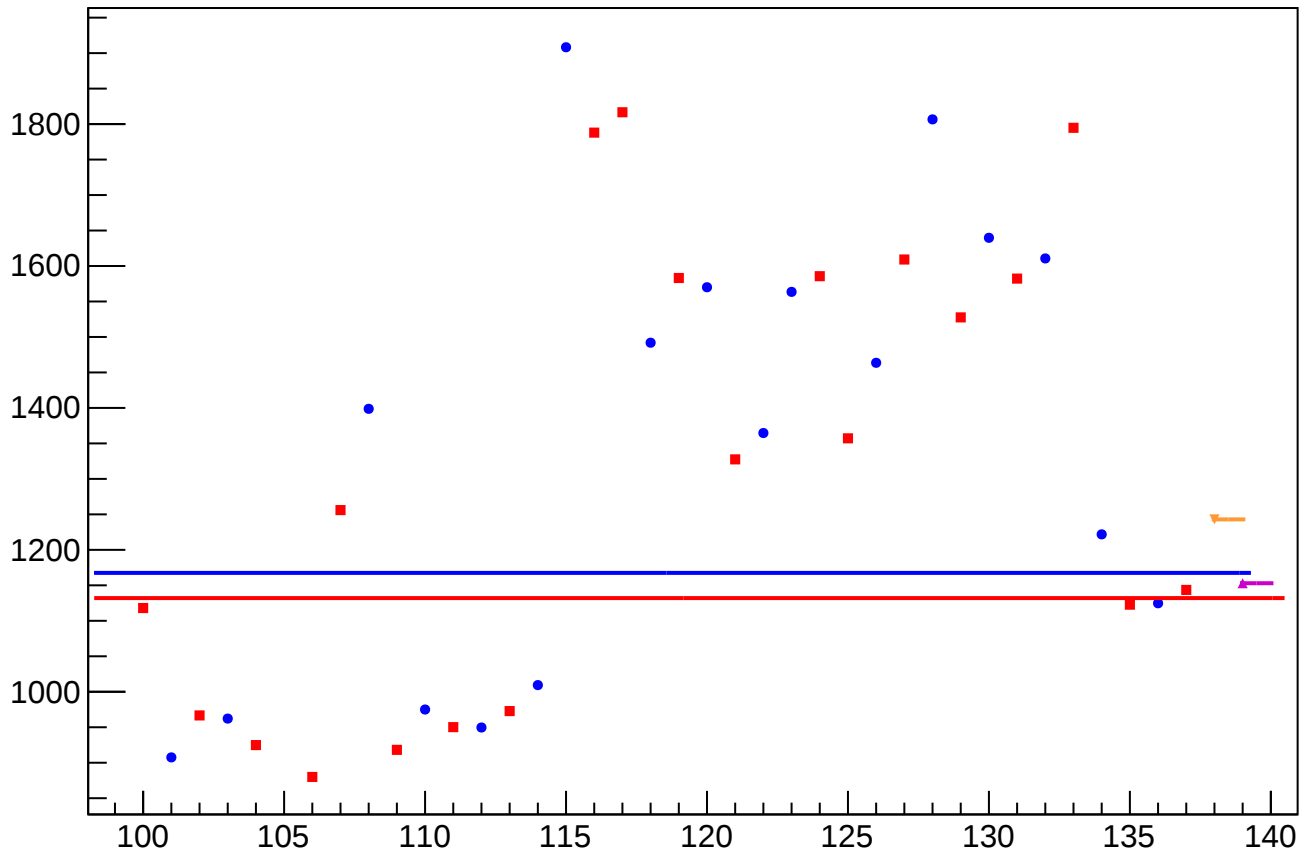
Right Out: 817.635 $\pm$ 436.939 χ^2 /NDF: 15.4/19

Left In: 2321.863 $\pm$ 1364.608 χ^2 /NDF: 0.0/0

329.128 $\pm$ 444.734 χ^2 /NDF: 25.2/17

957.514 $\pm$ 416.128 χ^2 /NDF: 16.5/20

asym_sam_48_dd_rms vs Slug



Right In: 1167.539 $\pm$ 0.330 χ^2 /NDF: 690485.6/16

Left Out: 1242.923 $\pm$ 1.030 χ^2 /NDF: 0.0/0

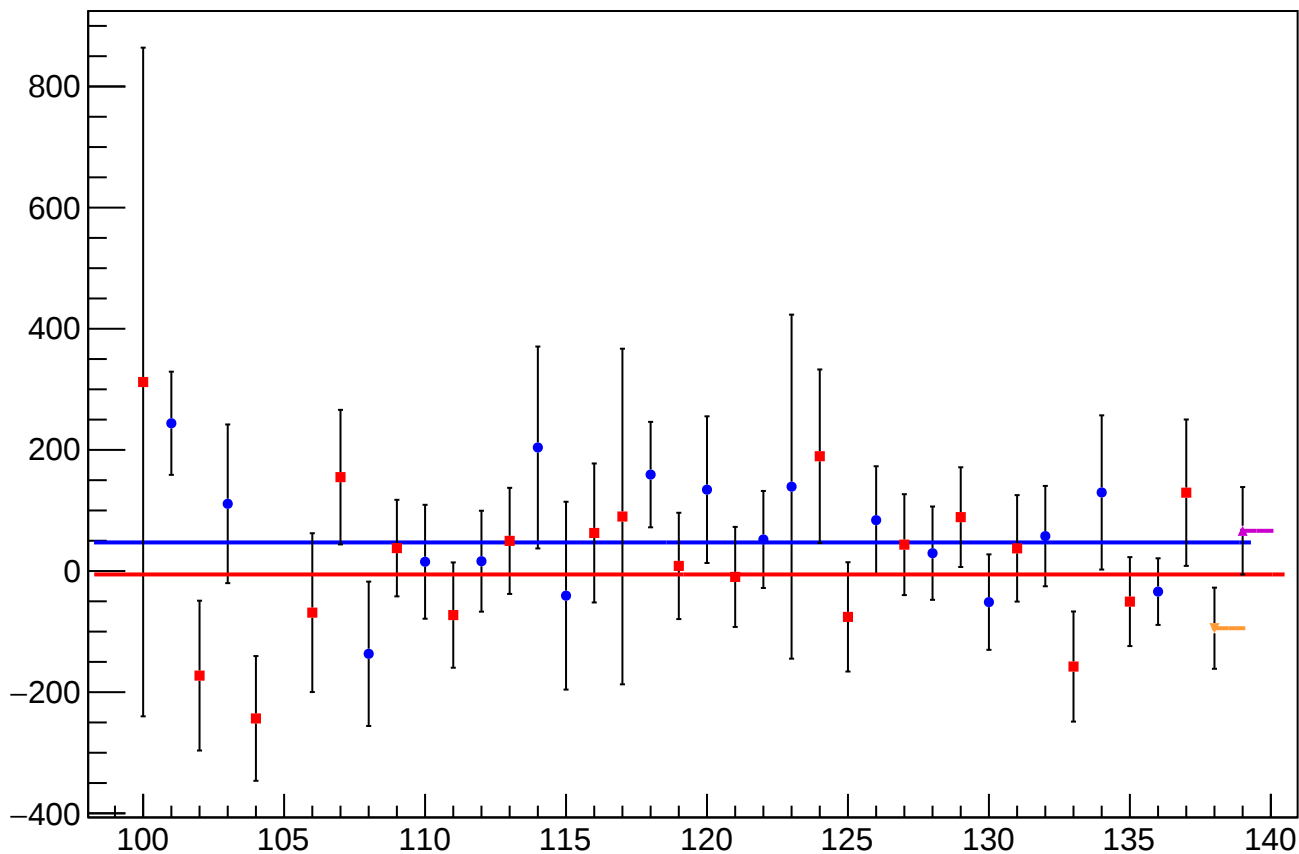
Right Out: 1132.019 $\pm$ 0.309 χ^2 /NDF: 773827.8/19

Left In: 1152.974 $\pm$ 0.965 χ^2 /NDF: 0.0/0

1174.566 $\pm$ 0.314 χ^2 /NDF: 695343.2/17

1133.968 $\pm$ 0.294 χ^2 /NDF: 774255.5/20

reg_asym_sam_13_57_dd_mean vs Slug



Right In: 47.220 $\pm$ 22.565 χ^2 /NDF: 16.1/16

Left Out: -94.395 $\pm$ 66.992 χ^2 /NDF: 0.0/0

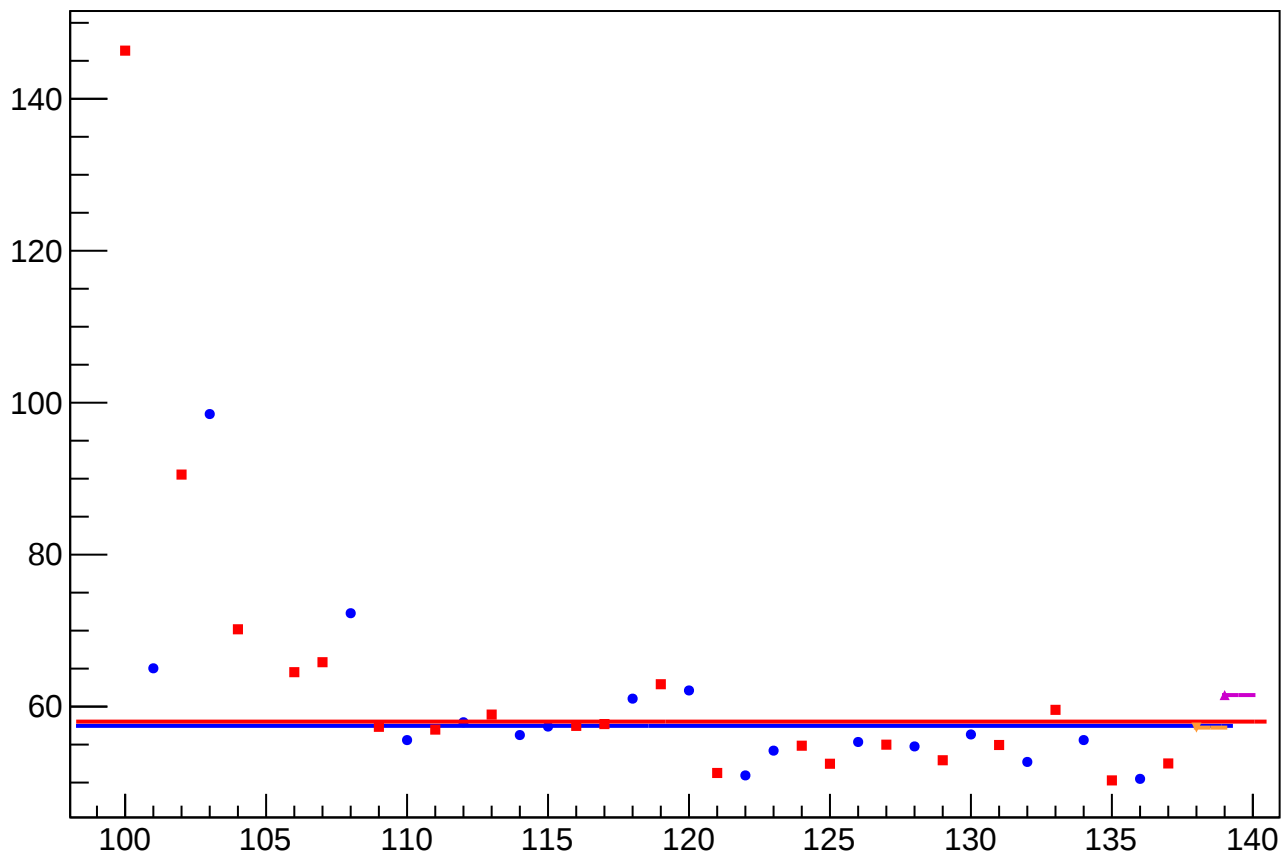
Right Out: -5.636 $\pm$ 22.057 χ^2 /NDF: 20.4/19

Left In: 66.421 $\pm$ 72.240 χ^2 /NDF: 0.0/0

32.791 $\pm$ 21.384 χ^2 /NDF: 20.1/17

0.508 $\pm$ 21.096 χ^2 /NDF: 21.3/20

reg_asym_sam_13_57_dd_rms vs Slug



Right In: 57.465+/-0.016 χ^2/NDF : 307156.4/16

Left Out: 57.235+/-0.047 χ^2/NDF : 0.0/0

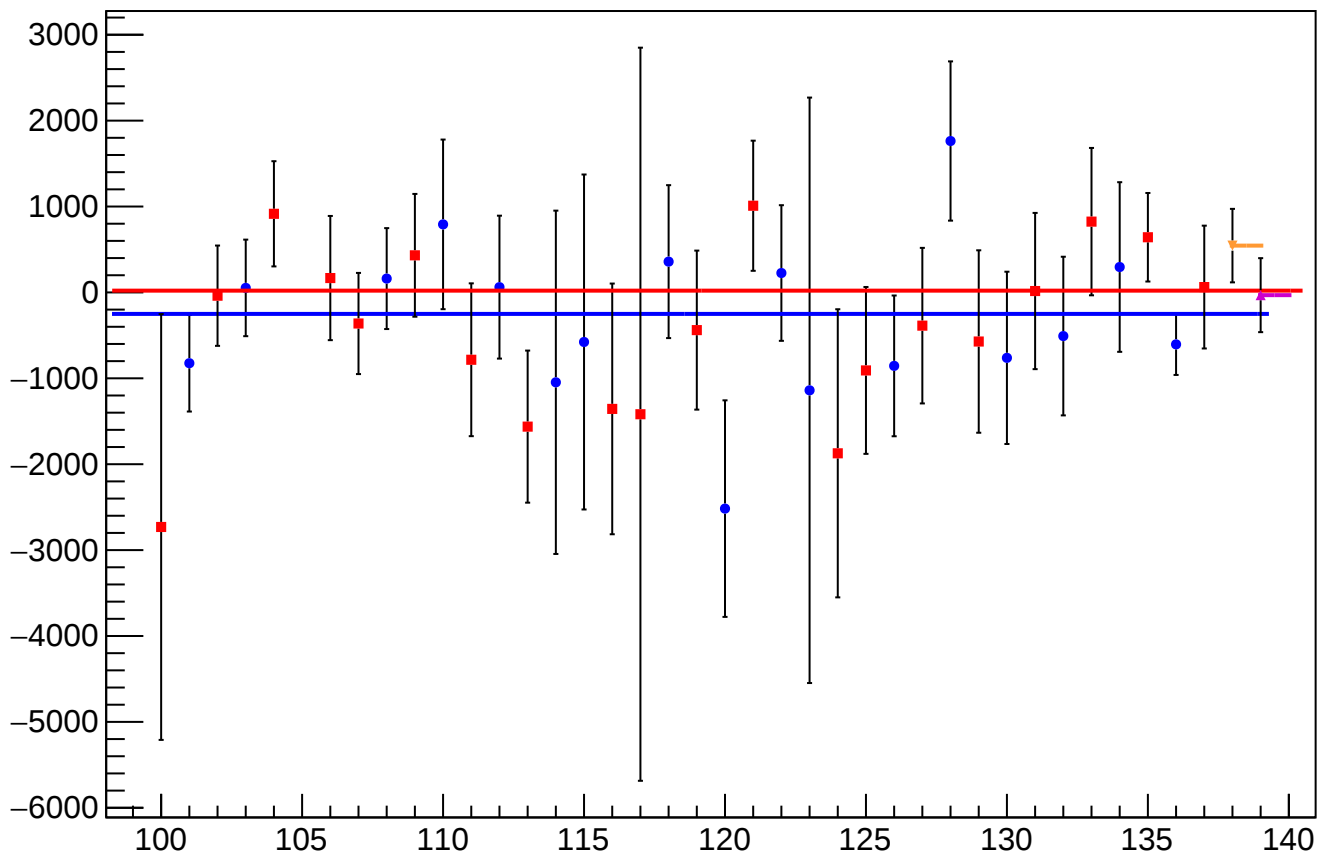
Right Out: 58.025+/-0.016 χ^2/NDF : 300790.9/19

Left In: 61.518+/-0.051 χ^2/NDF : 0.0/0

57.442+/-0.015 χ^2/NDF : 307177.7/17

58.323+/-0.015 χ^2/NDF : 305067.8/20

asym_sam_13_57_dd_correction_mean vs Slug



Right In: -250.140 ± 184.092 $\chi^2/\text{NDF}: 14.3/16$

Left Out: 544.920 ± 427.852 $\chi^2/\text{NDF}: 0.0/0$

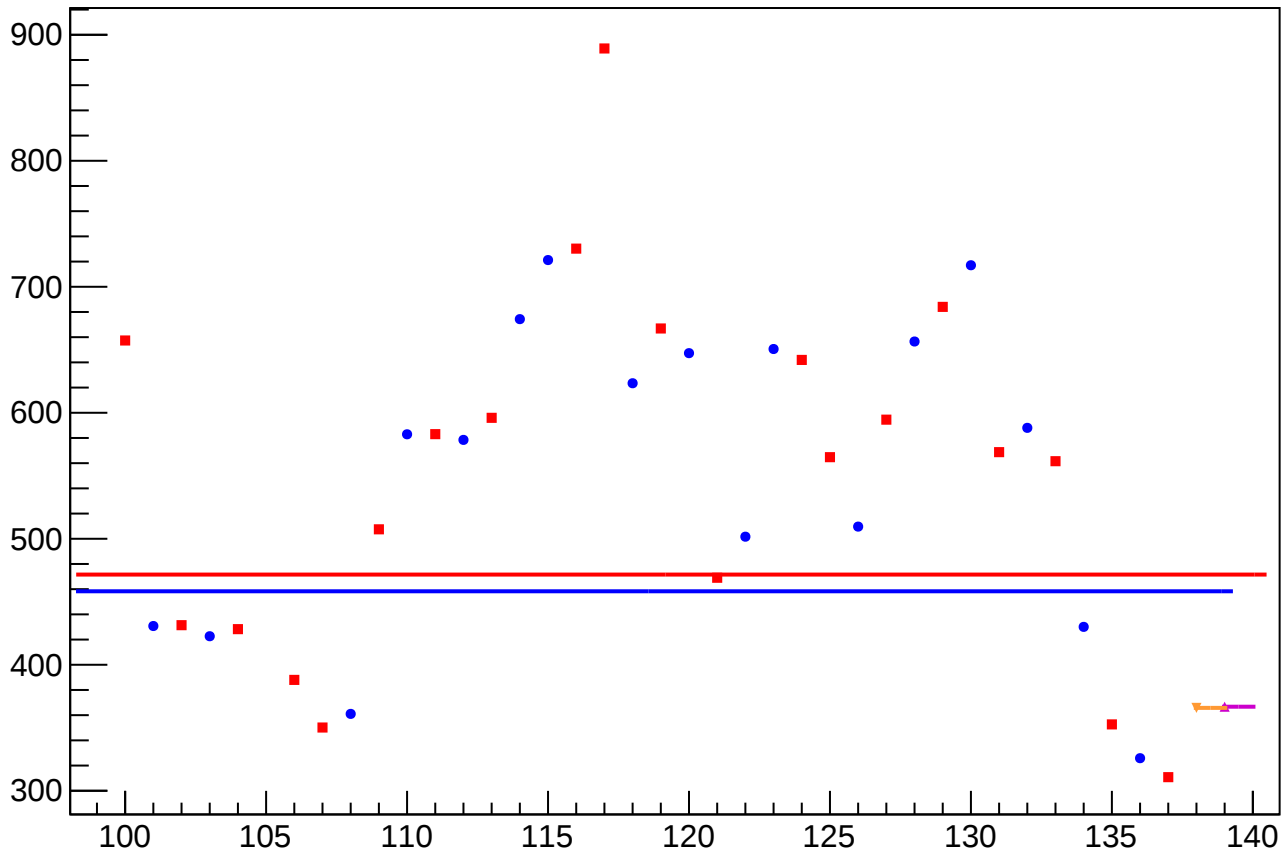
Right Out: 20.701 ± 181.669 $\chi^2/\text{NDF}: 16.2/19$

Left In: -31.804 ± 430.764 $\chi^2/\text{NDF}: 0.0/0$

-125.942 ± 169.103 $\chi^2/\text{NDF}: 17.2/17$

12.773 ± 167.392 $\chi^2/\text{NDF}: 16.2/20$

asym_sam_13_57_dd_correction_rms vs Slug



Right In: 458.324 ± 0.130 χ^2/NDF : 877201.7/16

Left Out: 365.782 ± 0.303 χ^2/NDF : 0.0/0

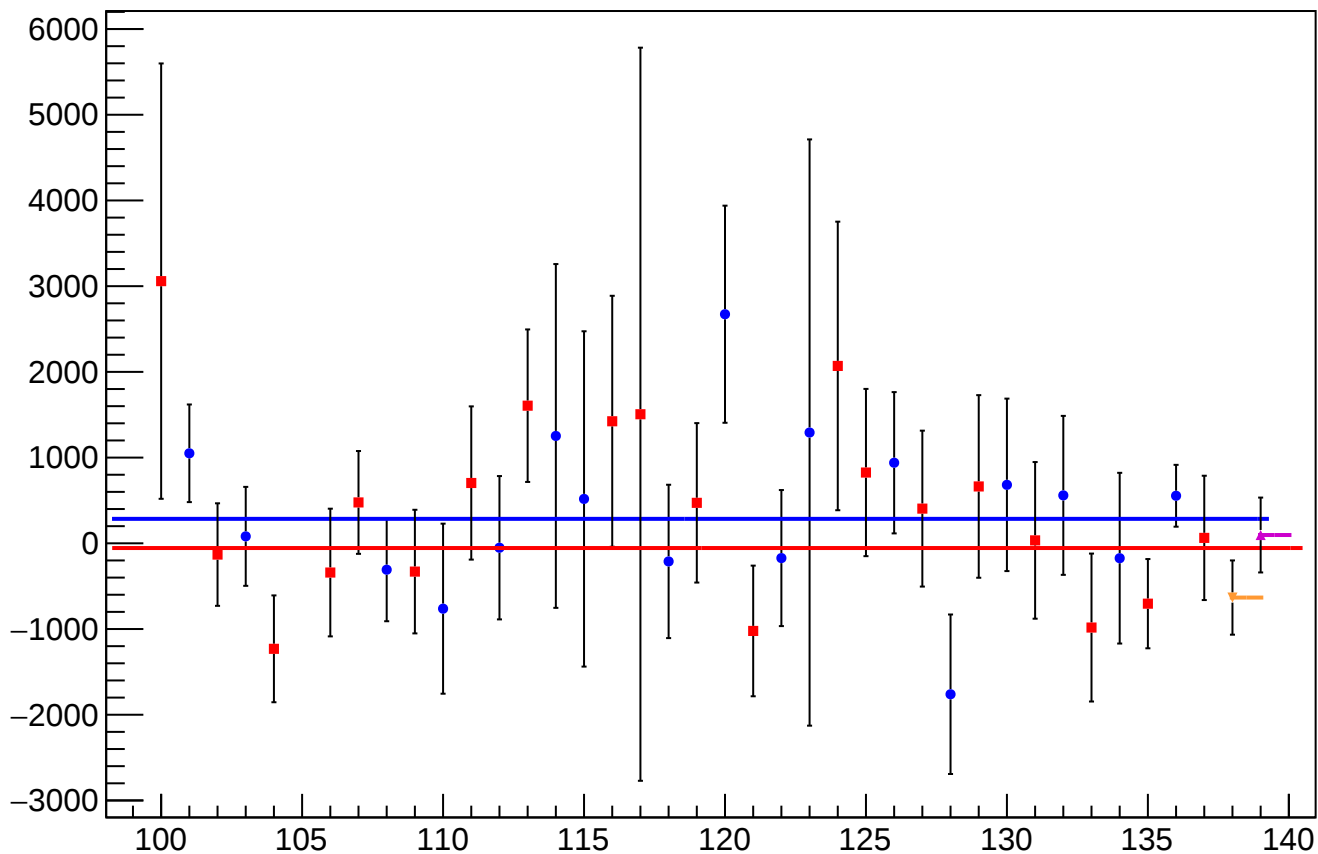
443.868 ± 0.120 χ^2/NDF : 956151.7/17

Right Out: 471.585 ± 0.128 χ^2/NDF : 797816.0/19

Left In: 366.714 ± 0.305 χ^2/NDF : 0.0/0

455.749 ± 0.118 χ^2/NDF : 898456.6/20

asym_sam_13_57_dd_mean vs Slug



Right In: 285.349 $\pm$ 186.262 χ^2 /NDF: 15.2/16

Left Out: -632.956 $\pm$ 433.142 χ^2 /NDF: 0.0/0

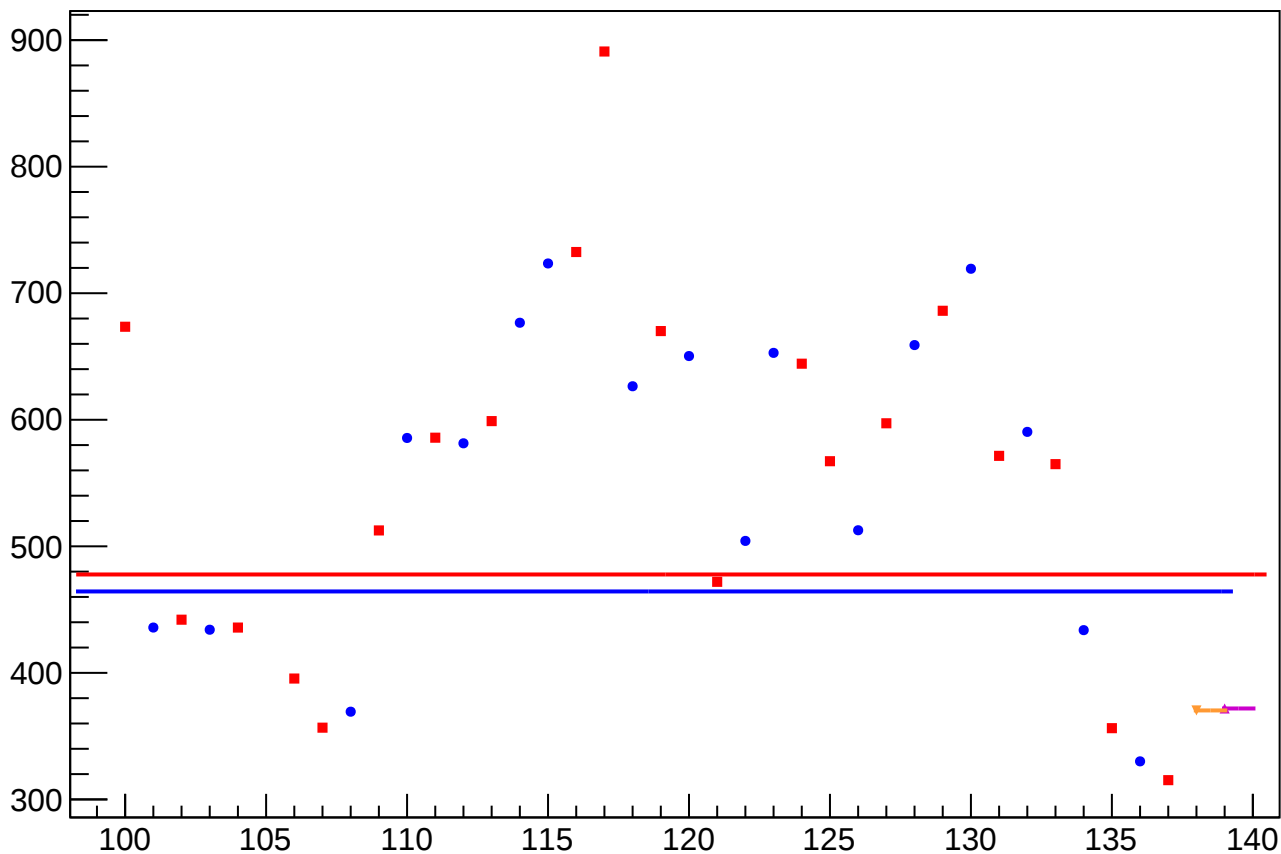
Right Out: -55.109 $\pm$ 183.903 χ^2 /NDF: 19.3/19

Left In: 96.767 $\pm$ 436.804 χ^2 /NDF: 0.0/0

142.037 $\pm$ 171.111 χ^2 /NDF: 19.0/17

-32.241 $\pm$ 169.494 χ^2 /NDF: 19.4/20

asym_sam_13_57_dd_rms vs Slug



Right In: 464.341 $\pm$ 0.132 χ^2 /NDF: 845900.9/16

Left Out: 370.315 $\pm$ 0.306 χ^2 /NDF: 0.0/0

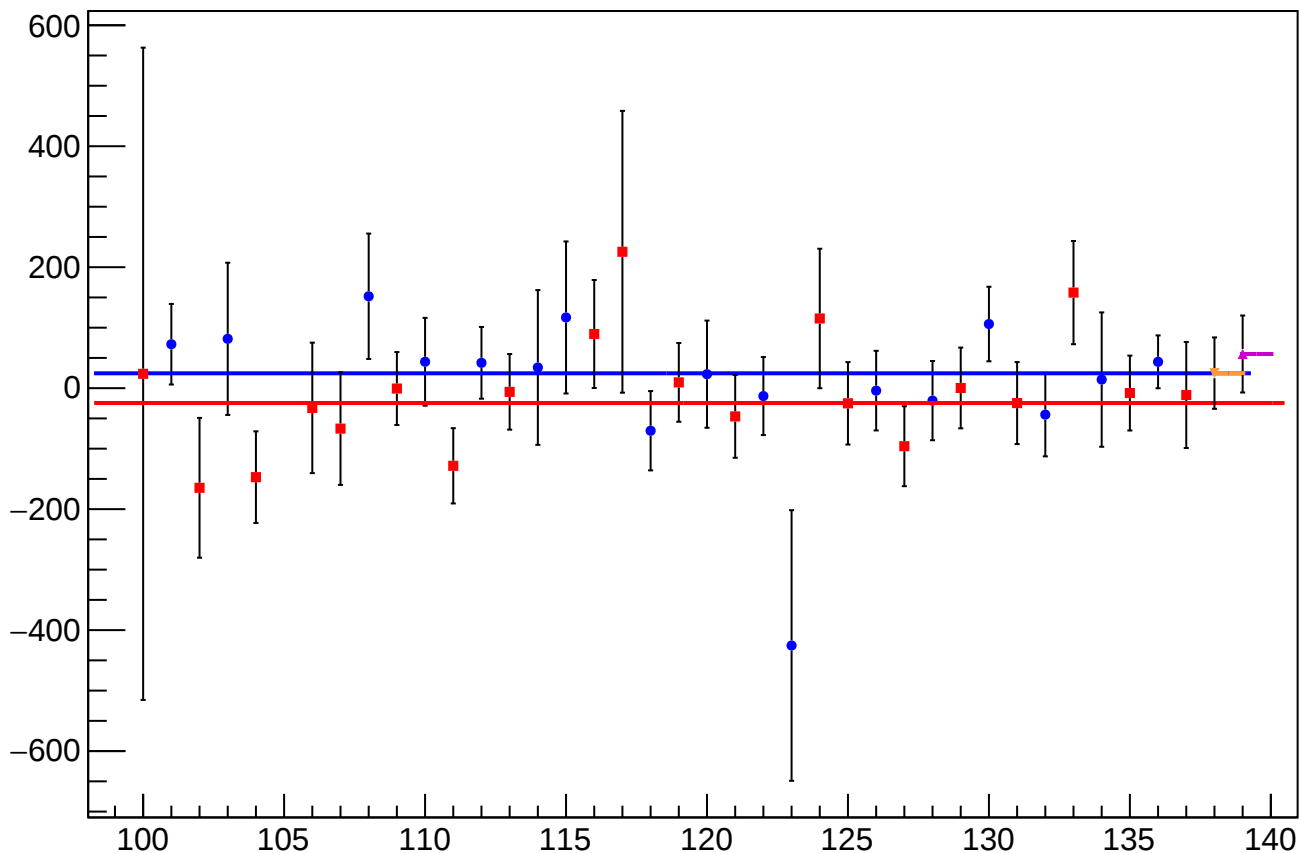
Right Out: 477.754 $\pm$ 0.130 χ^2 /NDF: 768041.0/19

Left In: 371.864 $\pm$ 0.309 χ^2 /NDF: 0.0/0

449.667 $\pm$ 0.121 χ^2 /NDF: 925438.0/17

461.811 $\pm$ 0.120 χ^2 /NDF: 867879.4/20

reg_asym_sam_15_37_dd_mean vs Slug



Right In: 24.584+/-17.839 χ^2/NDF : 13.0/16

Left Out: 24.888+/-59.000 χ^2/NDF : 0.0/0

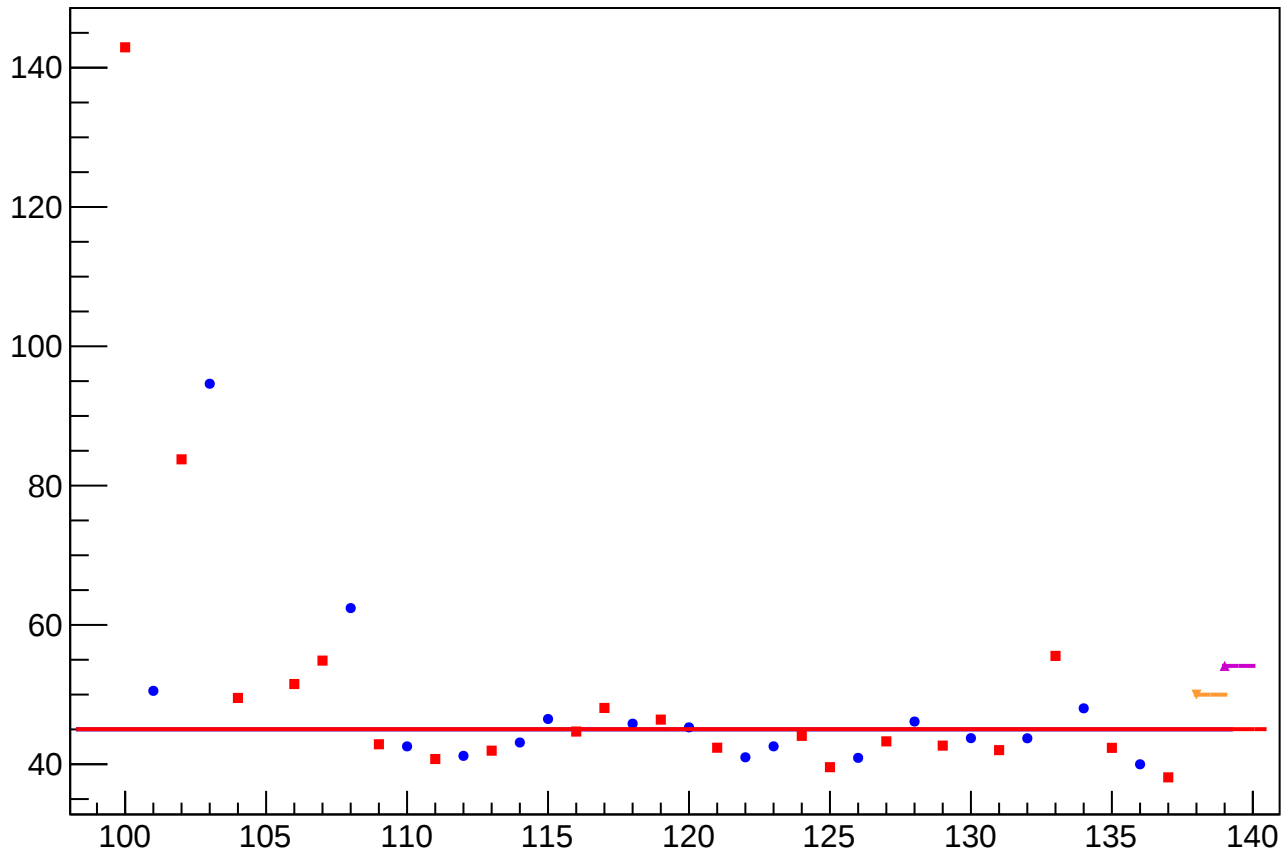
Right Out: -24.491+/-17.338 χ^2/NDF : 18.0/19

Left In: 56.487+/-63.619 χ^2/NDF : 0.0/0

24.610+/-17.076 χ^2/NDF : 13.0/17

-18.892+/-16.728 χ^2/NDF : 19.5/20

reg_asym_sam_15_37_dd_rms vs Slug



Right In: 45.001 $\pm$ 0.013 χ^2 /NDF: 438352.8/16

Left Out: 49.989 $\pm$ 0.042 χ^2 /NDF: 0.0/0

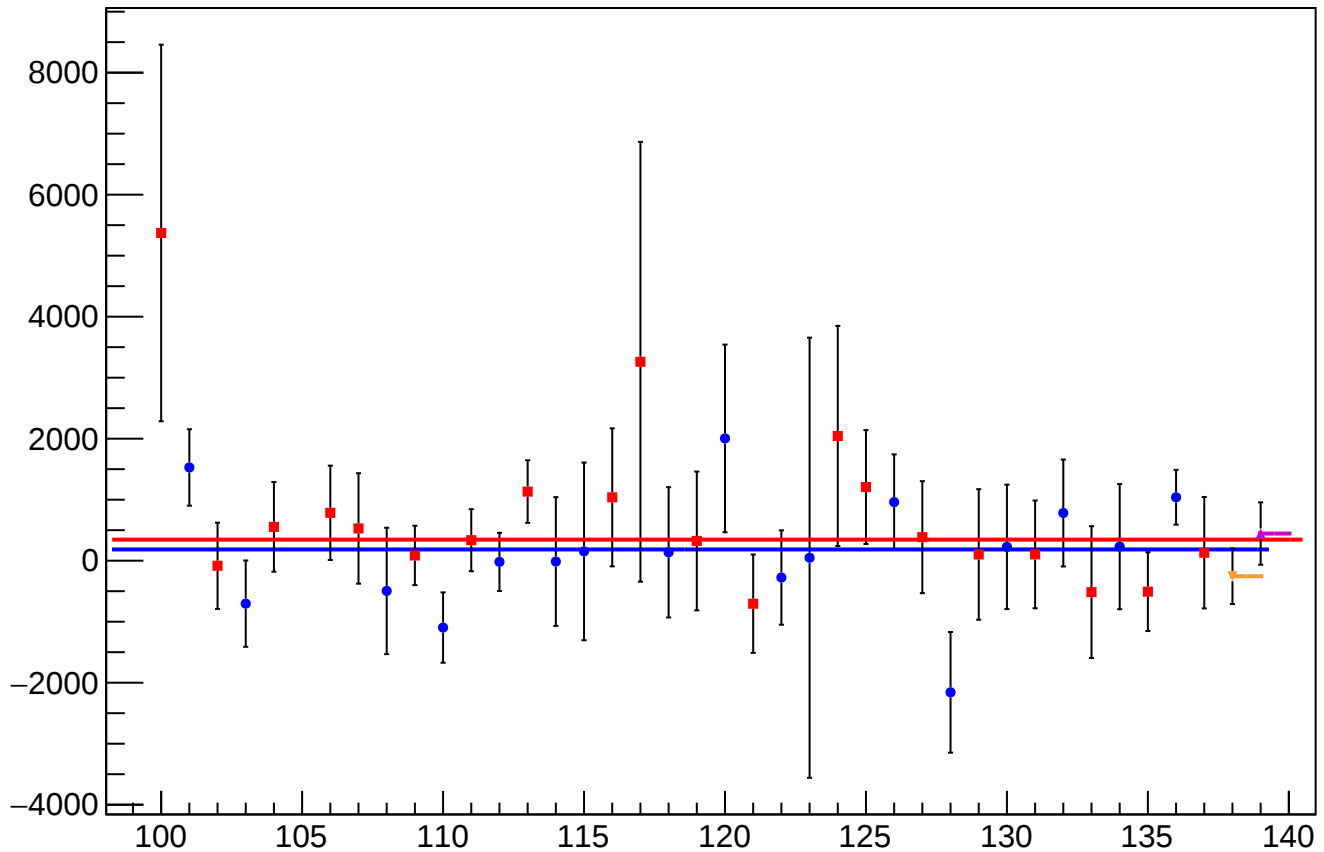
Right Out: 45.034 $\pm$ 0.012 χ^2 /NDF: 415853.3/19

Left In: 54.119 $\pm$ 0.045 χ^2 /NDF: 0.0/0

45.419 $\pm$ 0.012 χ^2 /NDF: 451450.1/17

45.662 $\pm$ 0.012 χ^2 /NDF: 453818.3/20

asym_sam_15_37_dd_correction_mean vs Slug



Right In: 184.184 $\pm$ 188.558 χ^2 /NDF: 24.2/16

Left Out: -254.867 $\pm$ 455.864 χ^2 /NDF: 0.0/0

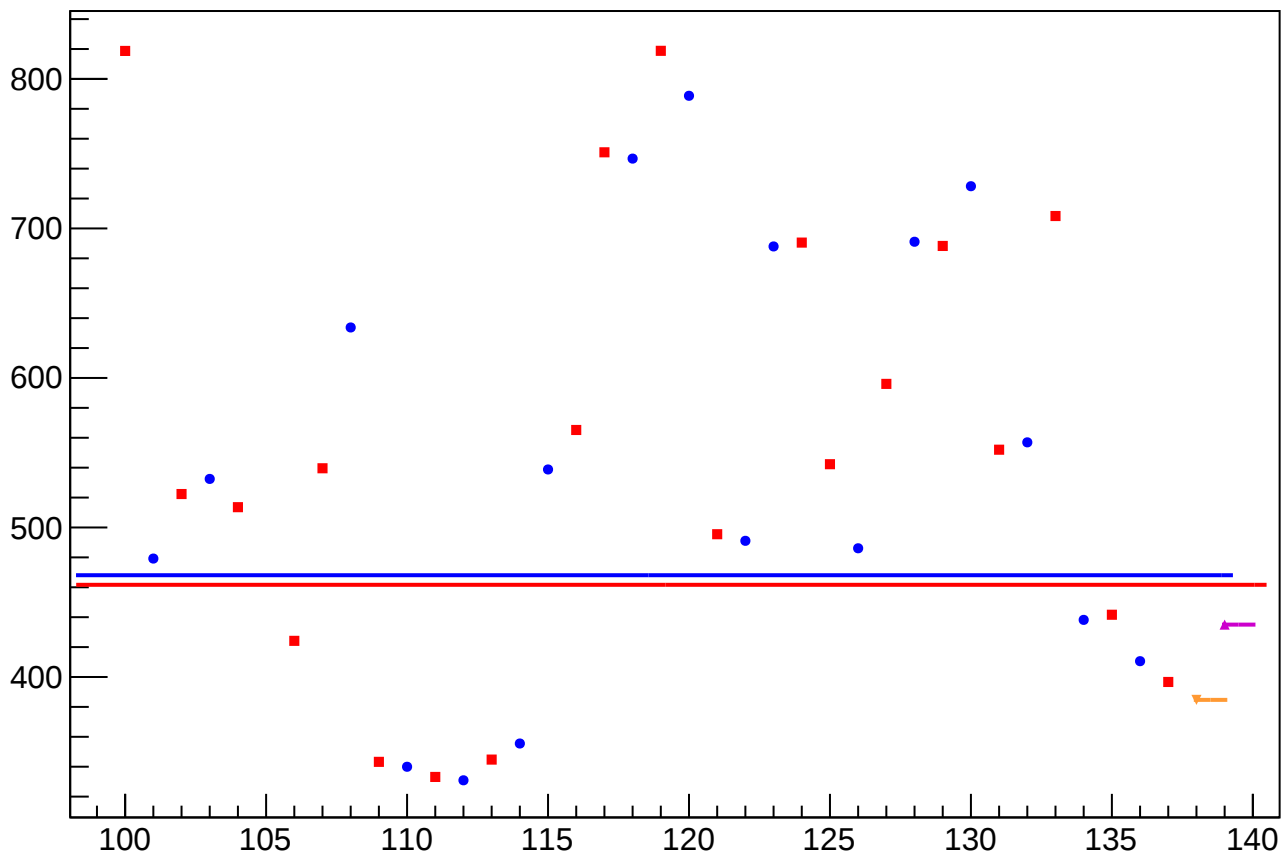
Right Out: 345.548 $\pm$ 179.160 χ^2 /NDF: 13.1/19

Left In: 444.814 $\pm$ 511.444 χ^2 /NDF: 0.0/0

120.042 $\pm$ 174.241 χ^2 /NDF: 25.0/17

356.398 $\pm$ 169.085 χ^2 /NDF: 13.2/20

asym_sam_15_37_dd_correction_rms vs Slug



Right In: 468.071+/-0.133 χ^2/NDF : 880319.3/16

Left Out: 384.699+/-0.322 χ^2/NDF : 0.0/0

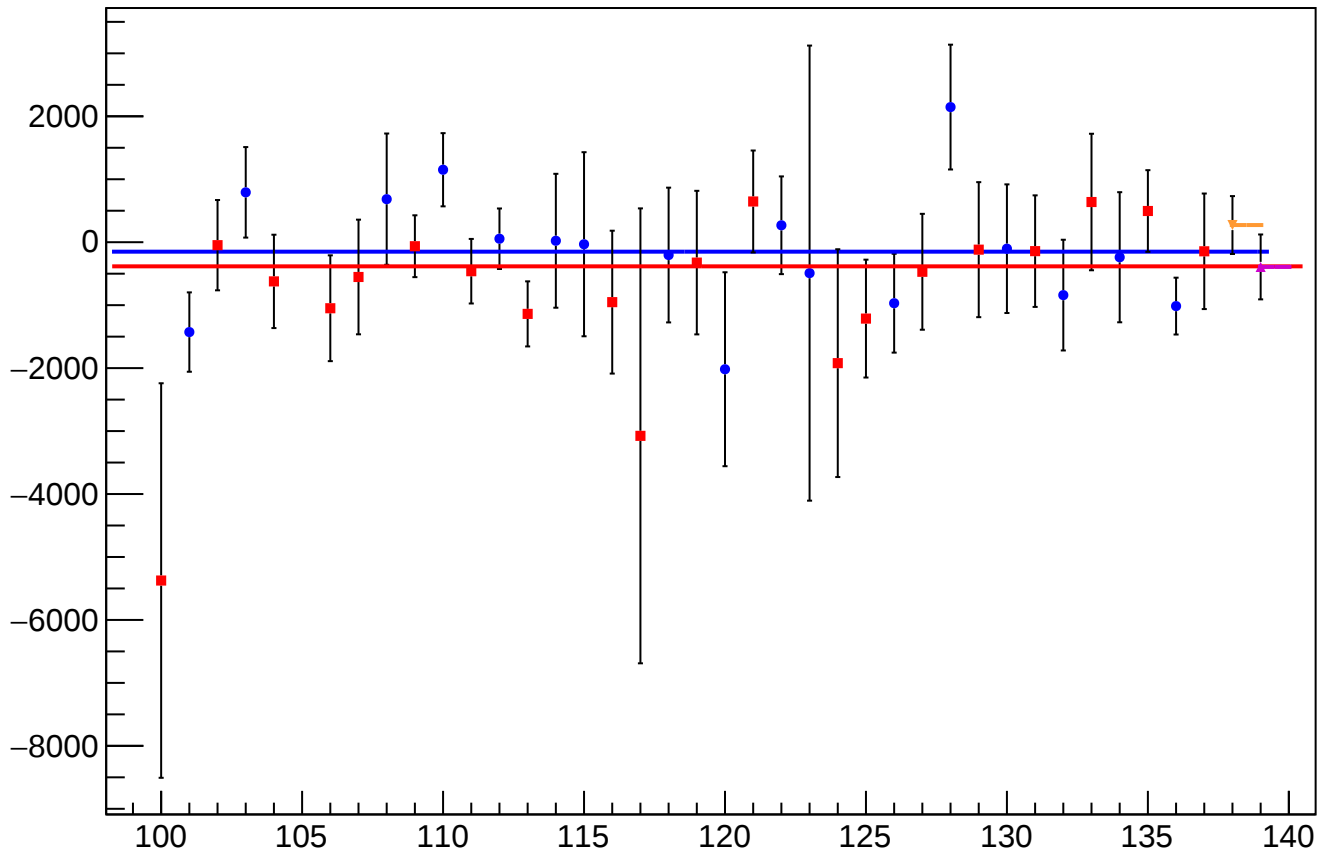
Right Out: 461.656+/-0.127 χ^2/NDF : 967939.5/19

Left In: 435.031+/-0.362 χ^2/NDF : 0.0/0

455.891+/-0.123 χ^2/NDF : 937442.8/17

458.746+/-0.120 χ^2/NDF : 972767.1/20

asym_sam_15_37_dd_mean vs Slug



Right In: -150.305 ± 189.729 χ^2/NDF : 24.2/16

Left Out: 272.633 ± 459.701 χ^2/NDF : 0.0/0

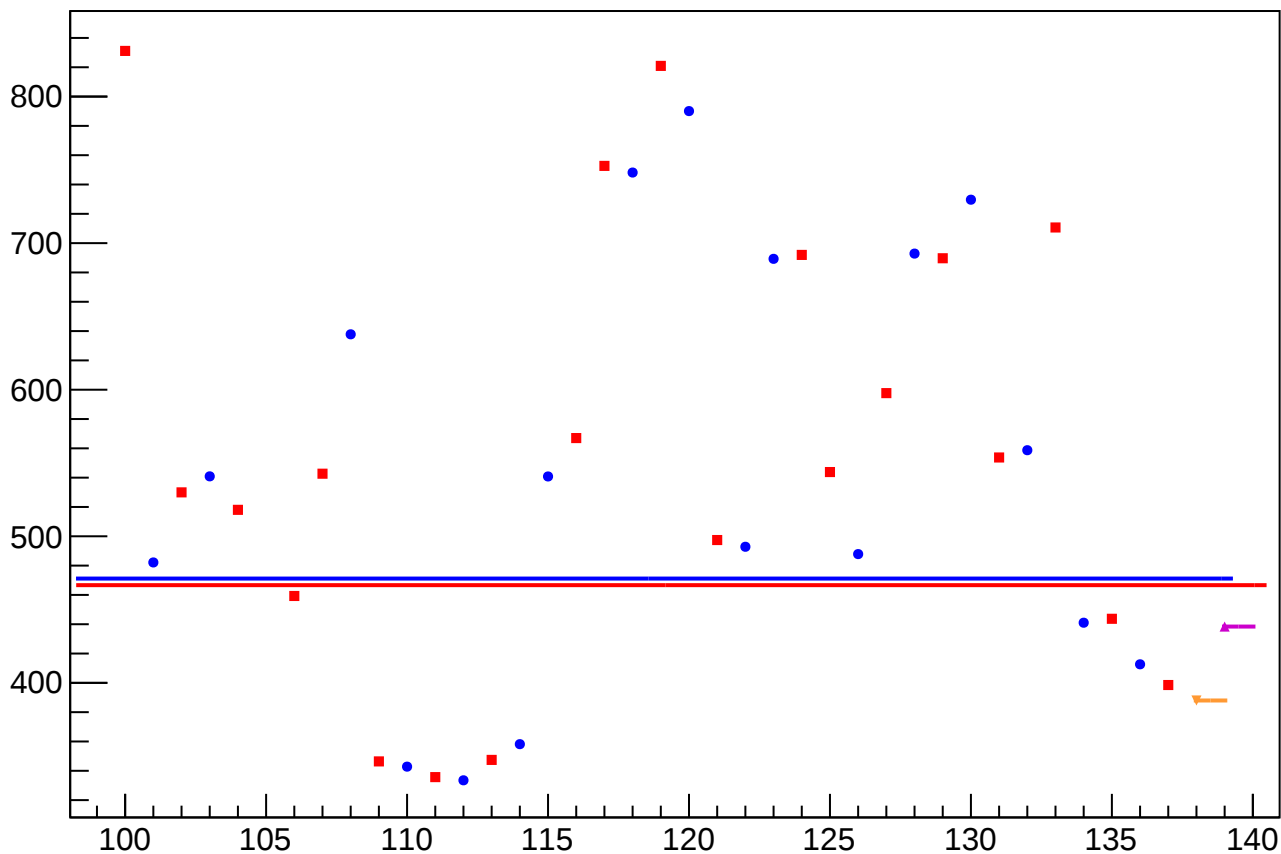
Right Out: -383.331 ± 181.030 χ^2/NDF : 13.0/19

Left In: -392.561 ± 515.405 χ^2/NDF : 0.0/0

-88.747 ± 175.379 χ^2/NDF : 24.9/17

-384.344 ± 170.801 χ^2/NDF : 13.0/20

asym_sam_15_37_dd_rms vs Slug



Right In: 471.156+/-0.134 χ^2/NDF : 871832.5/16

Left Out: 387.970+/-0.325 χ^2/NDF : 0.0/0

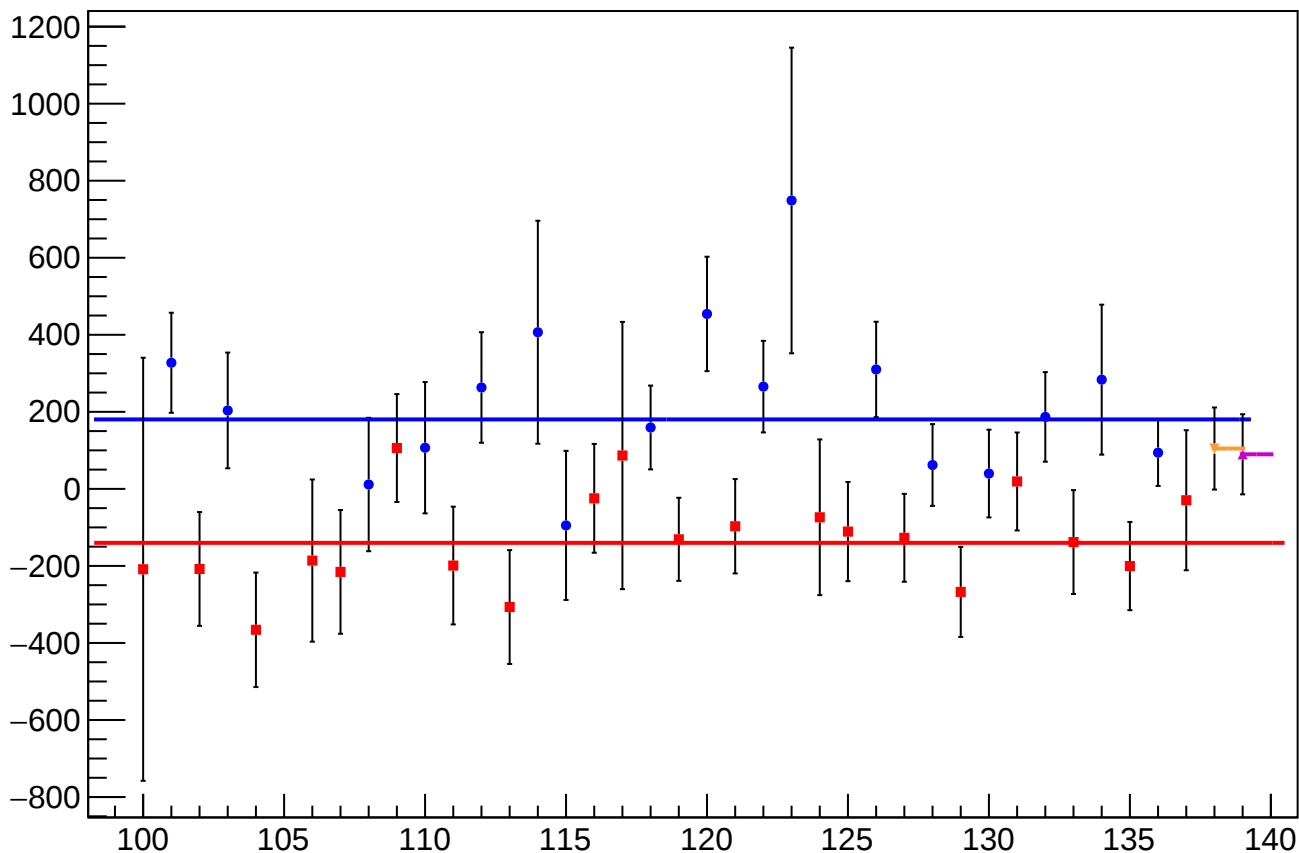
Right Out: 466.655+/-0.128 χ^2/NDF : 953088.6/19

Left In: 438.406+/-0.364 χ^2/NDF : 0.0/0

459.049+/-0.124 χ^2/NDF : 927791.3/17

463.553+/-0.121 χ^2/NDF : 958436.8/20

reg_asym_sam_24_68_dd_mean vs Slug



Right In: 180.326 $\pm$ 32.769 χ^2 /NDF: 16.6/16

Left Out: 104.761 $\pm$ 106.517 χ^2 /NDF: 0.0/0

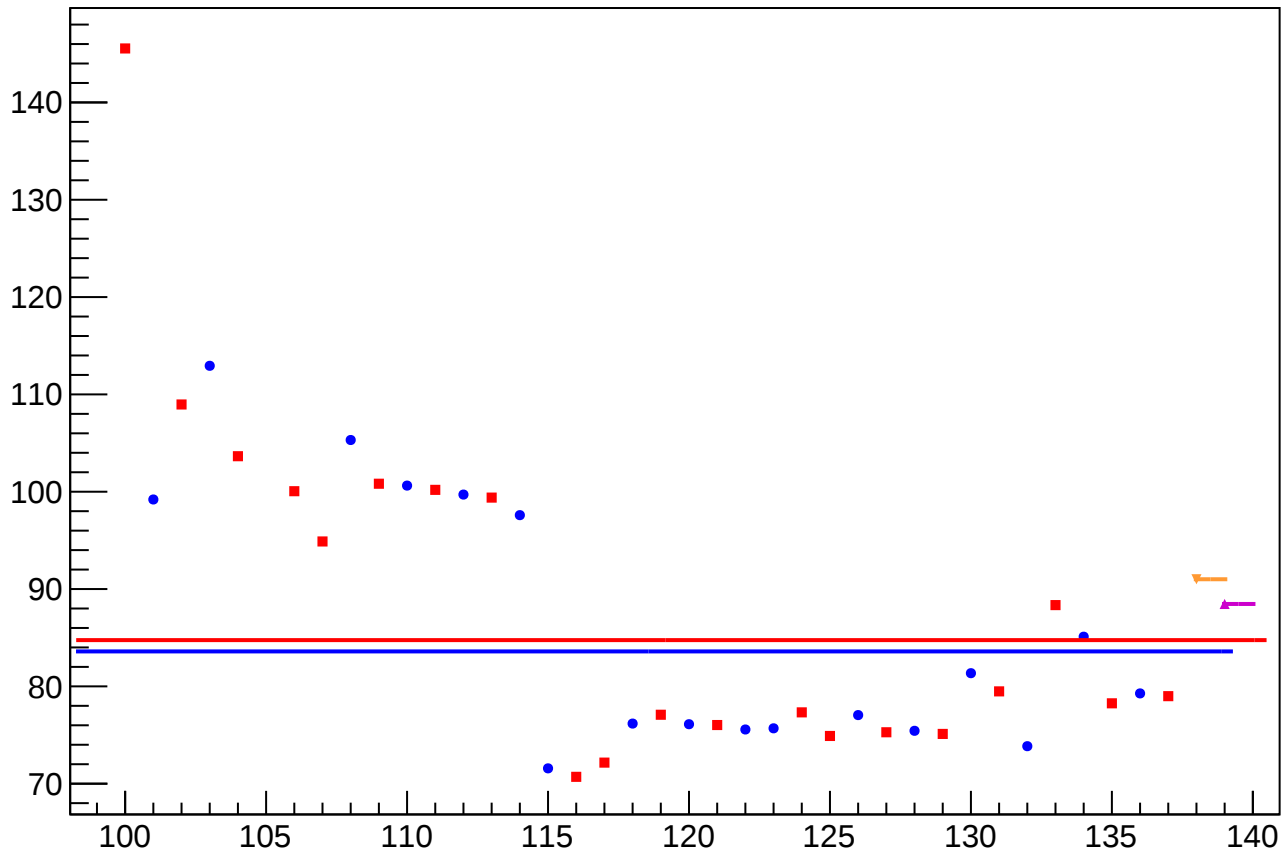
Right Out: -140.070 $\pm$ 32.198 χ^2 /NDF: 12.1/19

Left In: 89.783 $\pm$ 104.039 χ^2 /NDF: 0.0/0

173.793 $\pm$ 31.320 χ^2 /NDF: 17.0/17

-119.980 $\pm$ 30.759 χ^2 /NDF: 16.6/20

reg_asym_sam_24_68_dd_rms vs Slug



Right In: 83.591+/-0.023 χ^2/NDF : 255921.7/16

Left Out: 91.006+/-0.075 χ^2/NDF : 0.0/0

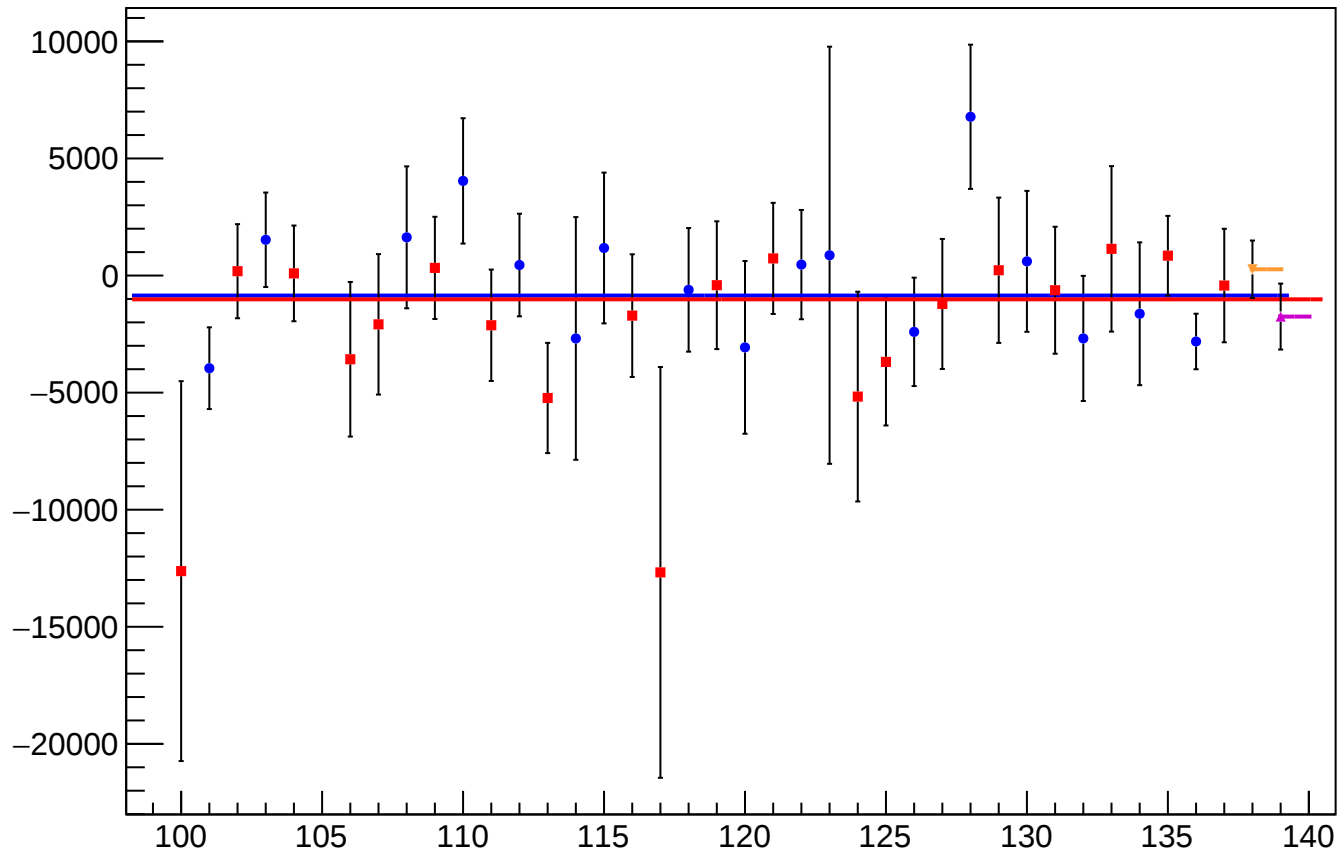
Right Out: 84.752+/-0.023 χ^2/NDF : 293262.6/19

Left In: 88.466+/-0.074 χ^2/NDF : 0.0/0

84.232+/-0.022 χ^2/NDF : 264775.7/17

85.076+/-0.022 χ^2/NDF : 295589.1/20

asym_sam_24_68_dd_correction_mean vs Slug



Right In: -855.308+/-583.290 χ^2/NDF : 20.3/16

Left Out: 267.276+/-1227.787 χ^2/NDF : 0.0/0

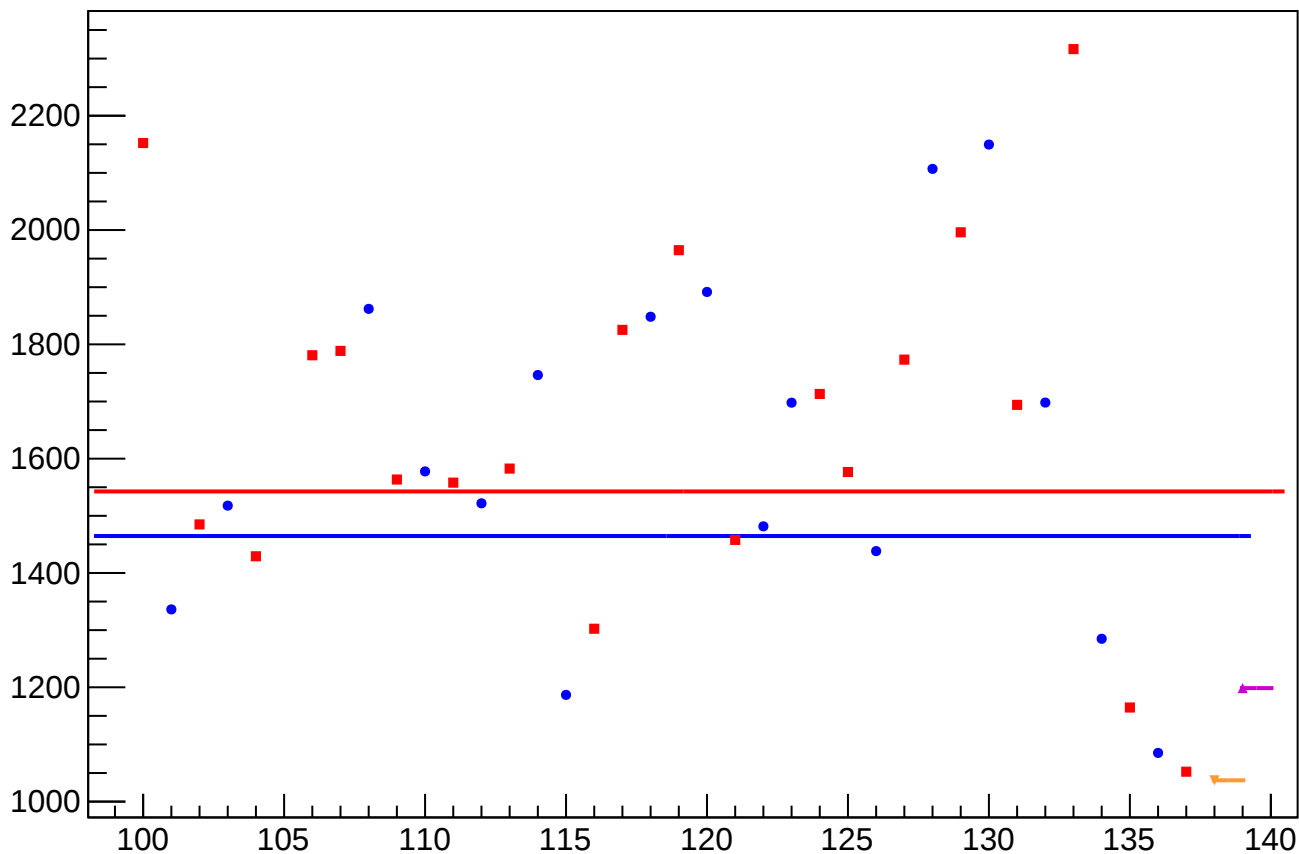
Right Out: -1015.523+/-587.747 χ^2/NDF : 13.3/19

Left In: -1752.098+/-1407.493 χ^2/NDF : 0.0/0

-648.599+/-526.858 χ^2/NDF : 21.0/17

-1124.893+/-542.359 χ^2/NDF : 13.5/20

asym_sam_24_68_dd_correction_rms vs Slug



Right In: 1464.636+/-0.412 χ^2/NDF : 560863.4/16

Left Out: 1037.267+/-0.868 χ^2/NDF : 0.0/0

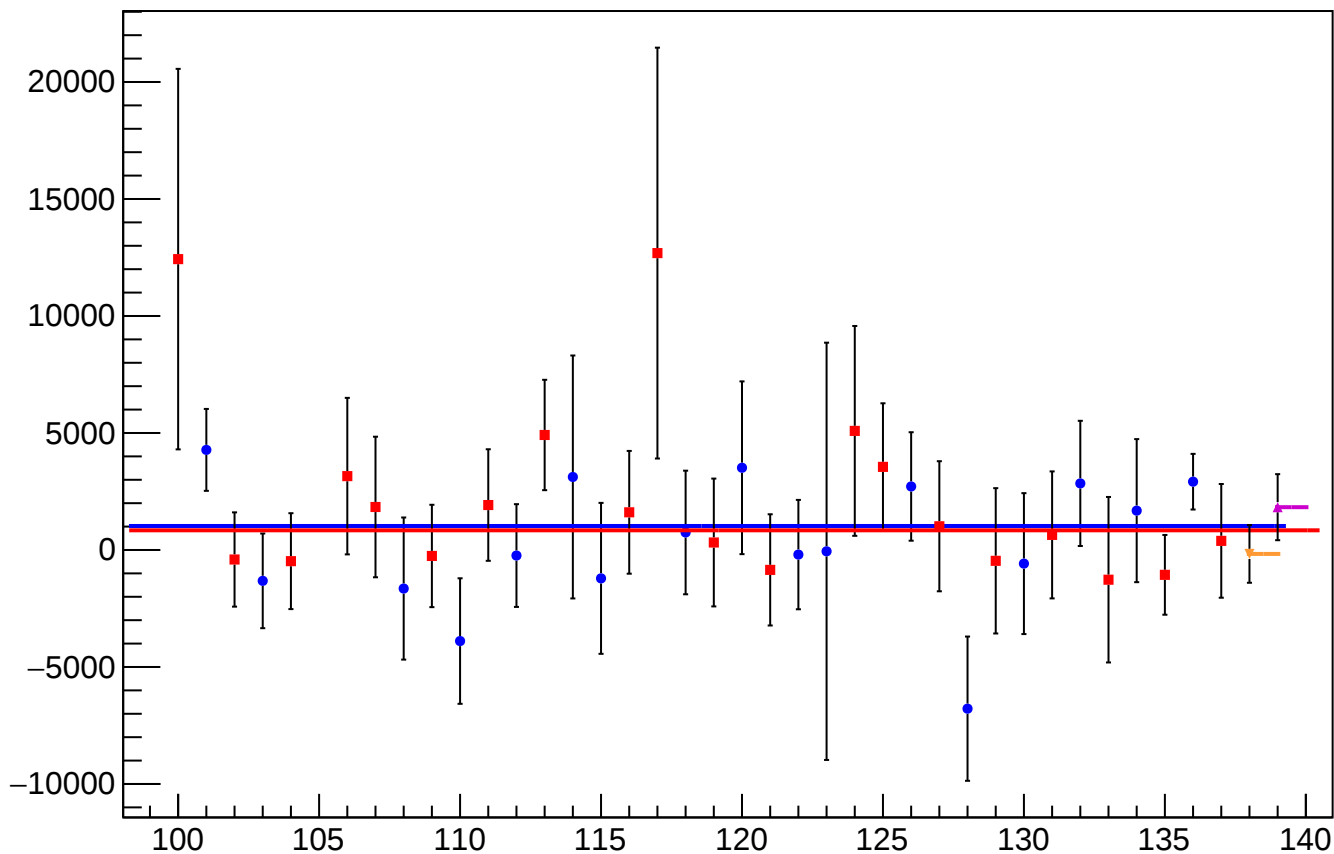
Right Out: 1542.663+/-0.416 χ^2/NDF : 455797.2/19

Left In: 1198.573+/-0.995 χ^2/NDF : 0.0/0

1385.941+/-0.373 χ^2/NDF : 758563.9/17

1491.571+/-0.384 χ^2/NDF : 557580.2/20

asym_sam_24_68_dd_mean vs Slug



Right In: 1025.527+/-584.500 χ^2/NDF : 20.9/16

Left Out: -168.416+/-1232.699 χ^2/NDF : 0.0/0

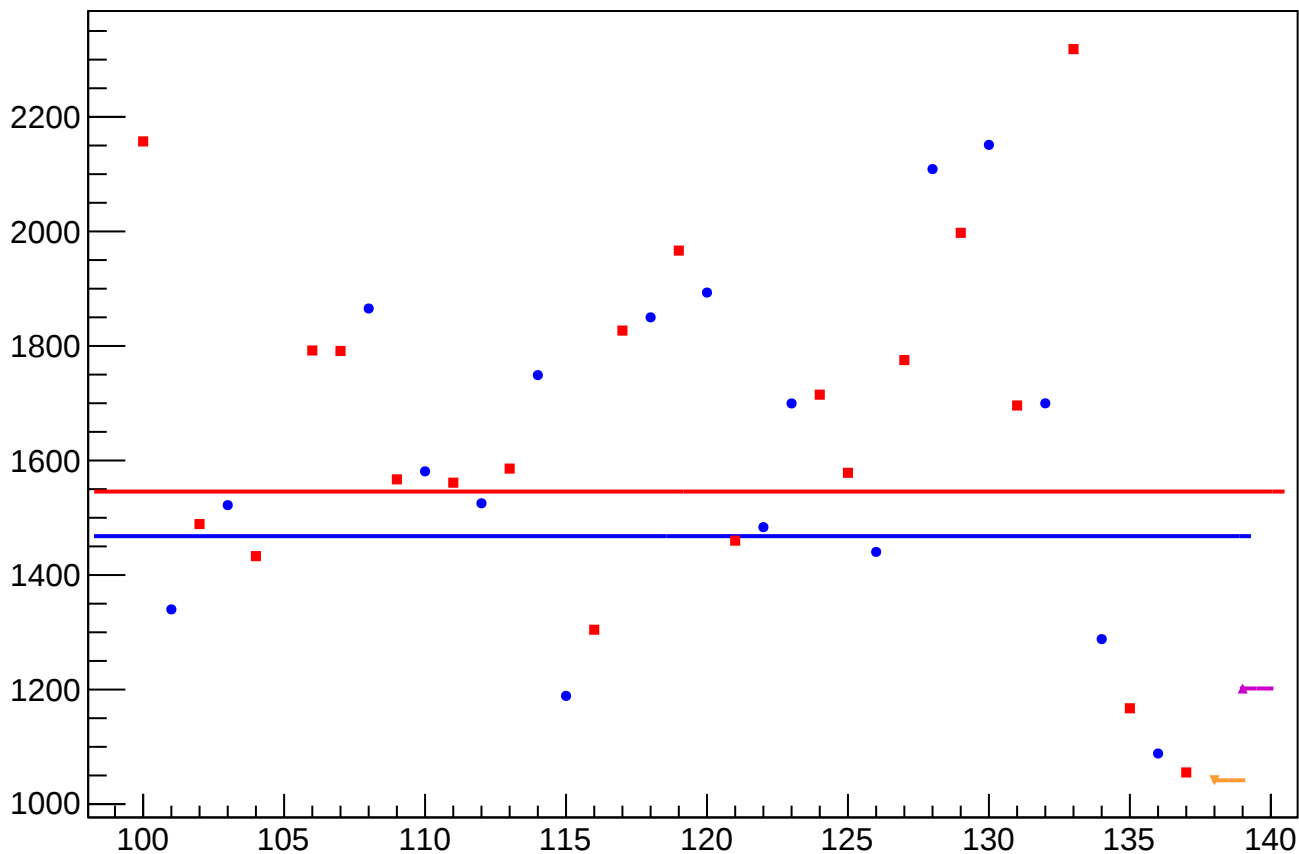
Right Out: 840.586+/-589.057 χ^2/NDF : 13.0/19

Left In: 1829.119+/-1411.400 χ^2/NDF : 0.0/0

806.366+/-528.137 χ^2/NDF : 21.7/17

987.232+/-543.612 χ^2/NDF : 13.4/20

asym_sam_24_68_dd_rms vs Slug



Right In: 1467.905 $\pm$ 0.413 χ^2 /NDF: 557458.9/16

Left Out: 1041.580 $\pm$ 0.872 χ^2 /NDF: 0.0/0

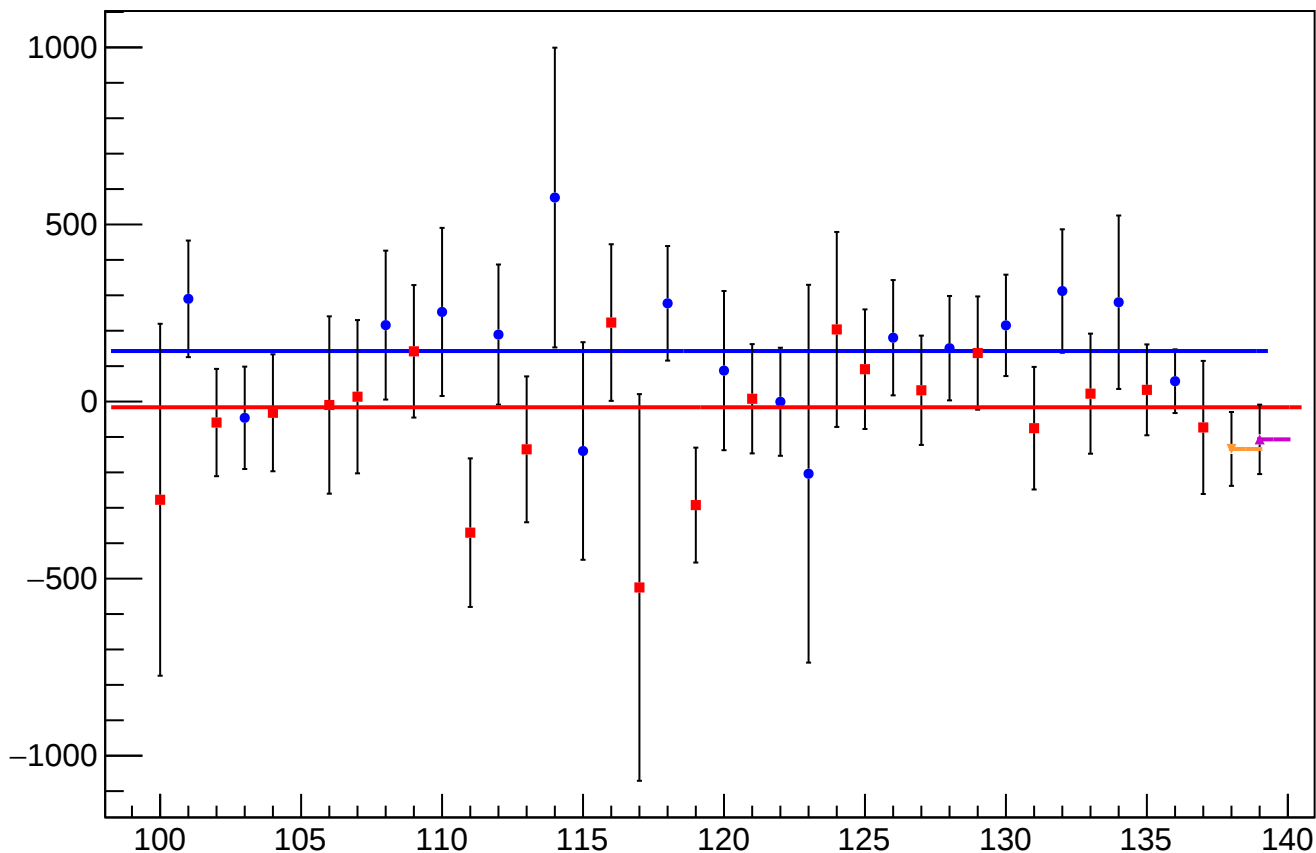
Right Out: 1545.785 $\pm$ 0.417 χ^2 /NDF: 453865.6/19

Left In: 1201.903 $\pm$ 0.998 χ^2 /NDF: 0.0/0

1389.649 $\pm$ 0.373 χ^2 /NDF: 752767.9/17

1494.771 $\pm$ 0.384 χ^2 /NDF: 554979.2/20

reg_asym_sam_26_48_dd_mean vs Slug



Right In: 142.683 $\pm$ 41.625 χ^2 /NDF: 9.3/16

Left Out: -133.795 $\pm$ 104.254 χ^2 /NDF:0.0/0

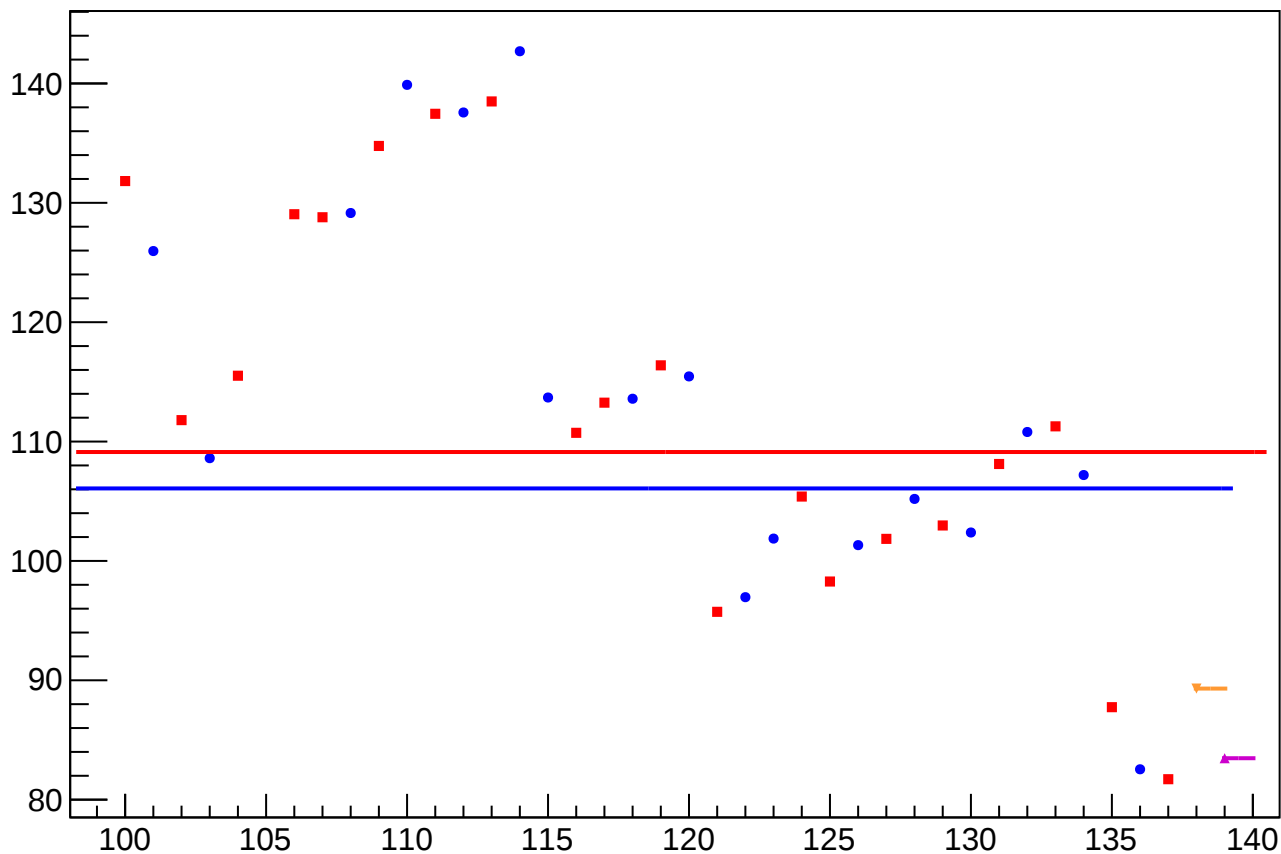
Right Out: -16.103 $\pm$ 41.277 χ^2 /NDF: 11.7/19

Left In: -106.746 $\pm$ 98.052 χ^2 /NDF:0.0/0

104.669 $\pm$ 38.658 χ^2 /NDF: 15.4/17

-29.748 $\pm$ 38.044 χ^2 /NDF: 12.4/20

reg_asym_sam_26_48_dd_rms vs Slug



Right In: 106.074 $\pm$ 0.029 χ^2 /NDF: 317907.9/16

Left Out: 89.306 $\pm$ 0.074 χ^2 /NDF: 0.0/0

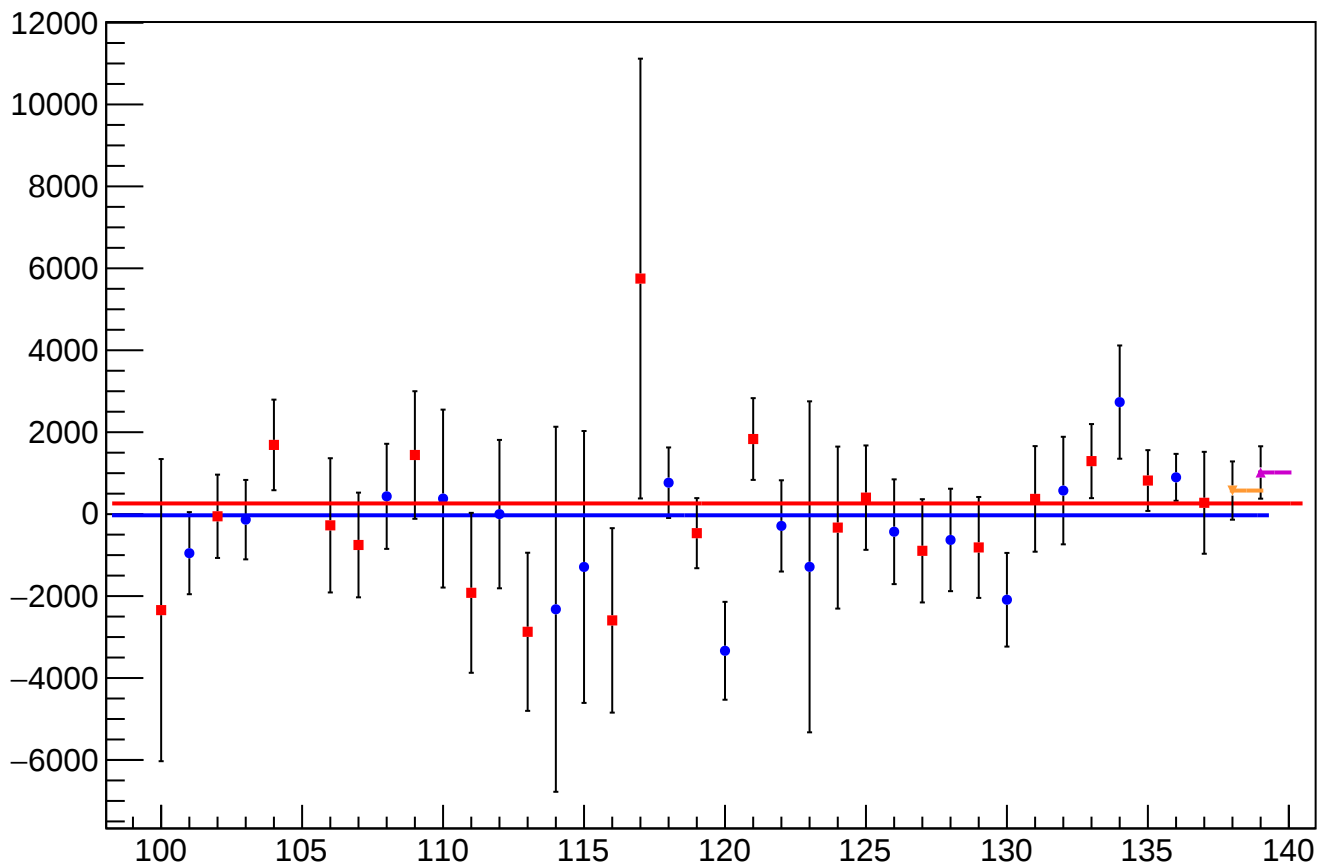
Right Out: 109.124 $\pm$ 0.029 χ^2 /NDF: 285510.2/19

Left In: 83.471 $\pm$ 0.069 χ^2 /NDF: 0.0/0

103.768 $\pm$ 0.027 χ^2 /NDF: 362527.6/17

105.262 $\pm$ 0.027 χ^2 /NDF: 401795.0/20

asym_sam_26_48_dd_correction_mean vs Slug



Right In: -27.969+/-283.741 χ^2/NDF : 20.5/16

Left Out: 575.744+/-711.146 χ^2/NDF : 0.0/0

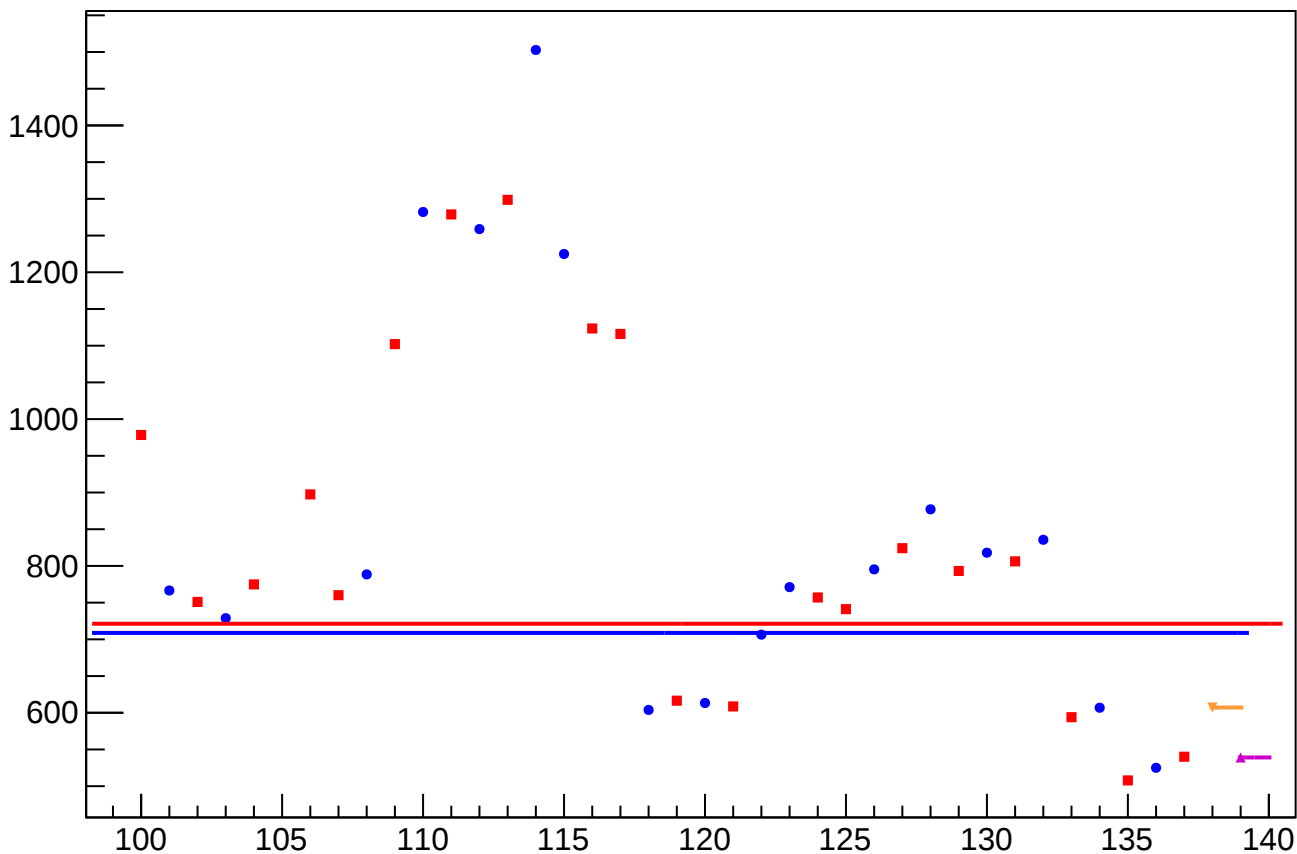
Right Out: 261.265+/-279.073 χ^2/NDF : 16.9/19

Left In: 1017.088+/-639.537 χ^2/NDF : 0.0/0

54.940+/-263.539 χ^2/NDF : 21.1/17

382.165+/-255.781 χ^2/NDF : 18.1/20

asym_sam_26_48_dd_correction_rms vs Slug



Right In: 708.784+/-0.201 χ^2/NDF : 793538.1/16

Left Out: 607.148+/-0.503 χ^2/NDF : 0.0/0

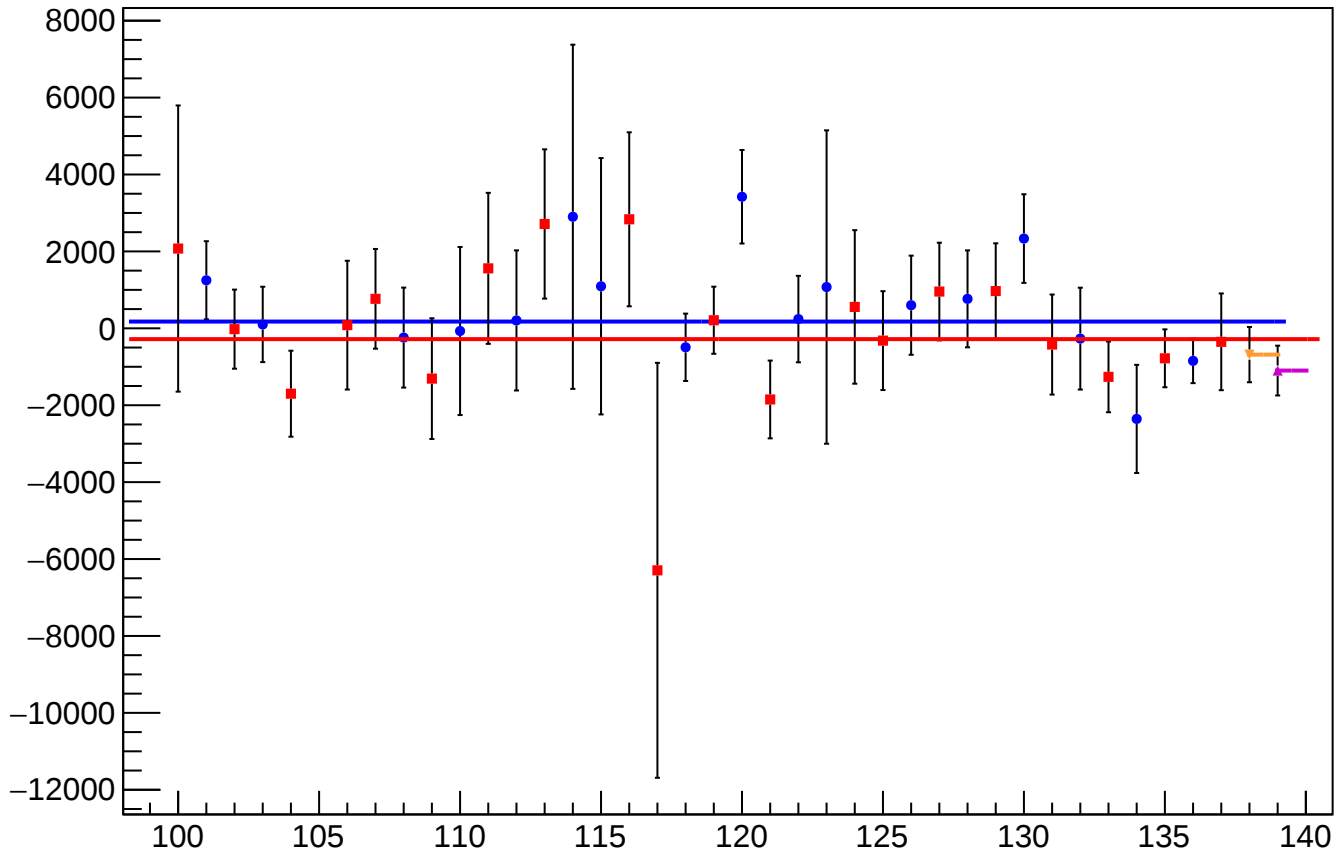
Right Out: 721.271+/-0.197 χ^2/NDF : 910781.0/19

Left In: 539.105+/-0.452 χ^2/NDF : 0.0/0

694.826+/-0.186 χ^2/NDF : 828779.2/17

692.132+/-0.181 χ^2/NDF : 1047093.7/20

asym_sam_26_48_dd_mean vs Slug



Right In: 175.854 $\pm$ 287.218 χ^2 /NDF: 19.7/16

Left Out: -683.475 $\pm$ 719.022 χ^2 /NDF: 0.0/0

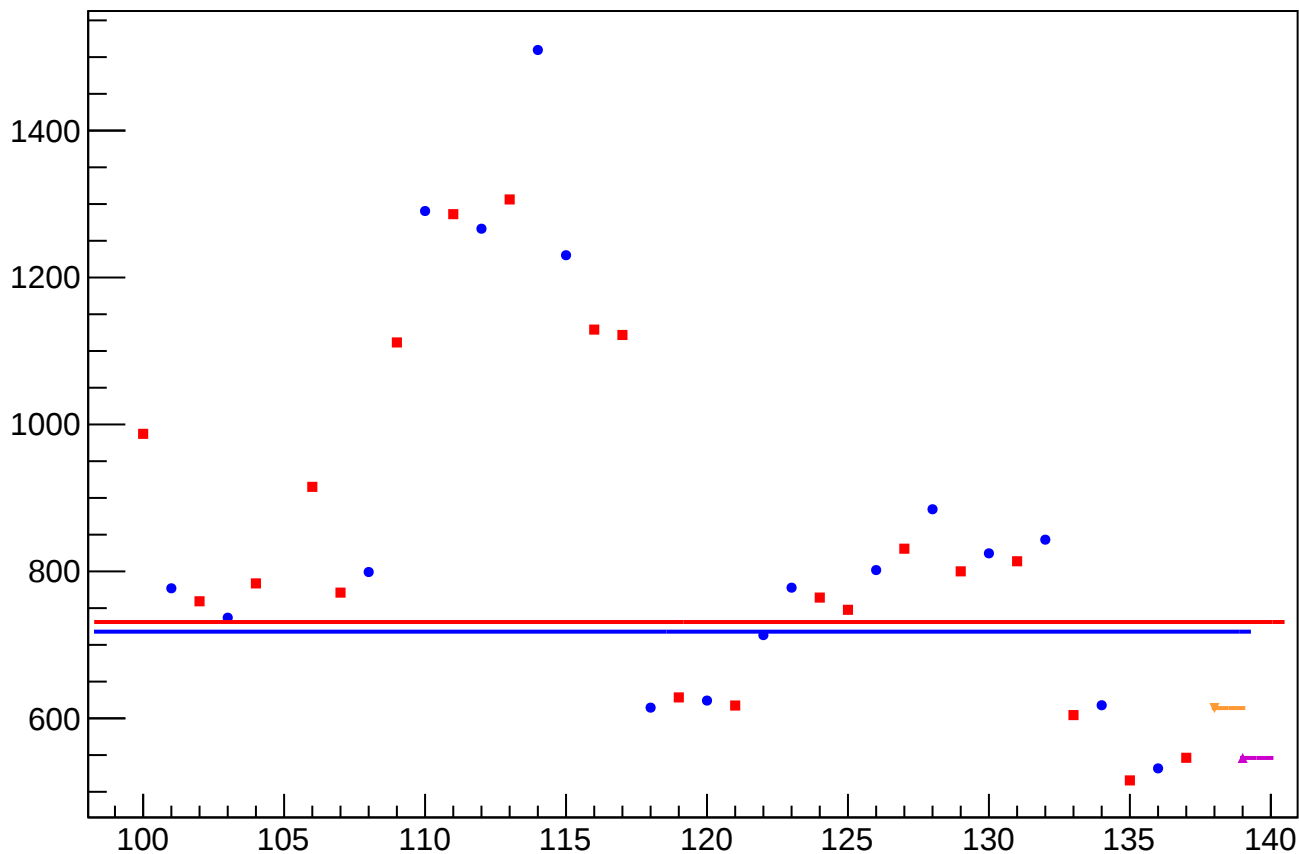
Right Out: -281.173 $\pm$ 282.685 χ^2 /NDF: 16.1/19

Left In: -1098.598 $\pm$ 647.510 χ^2 /NDF: 0.0/0

57.604 $\pm$ 266.725 χ^2 /NDF: 21.0/17

-412.030 $\pm$ 259.072 χ^2 /NDF: 17.4/20

asym_sam_26_48_dd_rms vs Slug



Right In: 717.973 $\pm$ 0.203 χ^2 /NDF: 778580.1/16

Left Out: 613.974 $\pm$ 0.508 χ^2 /NDF: 0.0/0

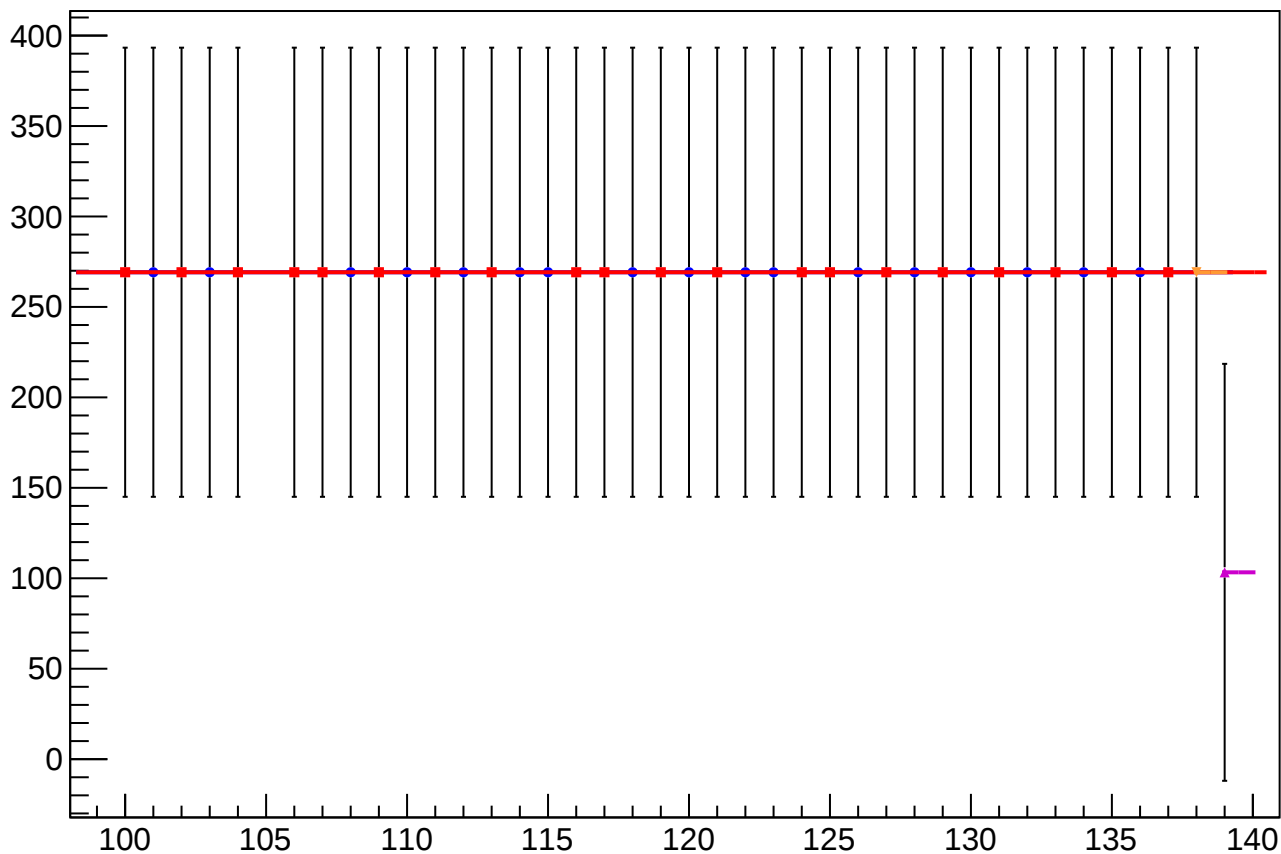
Right Out: 731.116 $\pm$ 0.200 χ^2 /NDF: 892357.6/19

Left In: 546.079 $\pm$ 0.458 χ^2 /NDF: 0.0/0

703.662 $\pm$ 0.189 χ^2 /NDF: 814663.6/17

701.494 $\pm$ 0.183 χ^2 /NDF: 1029537.3/20

reg_asym_sam_1548_avg_mean vs Slug



Right In: 269.172 $\pm$ 30.110 χ^2 /NDF: 0.0/16

Left Out: 269.172 $\pm$ 124.146 χ^2 /NDF: 0.0/0

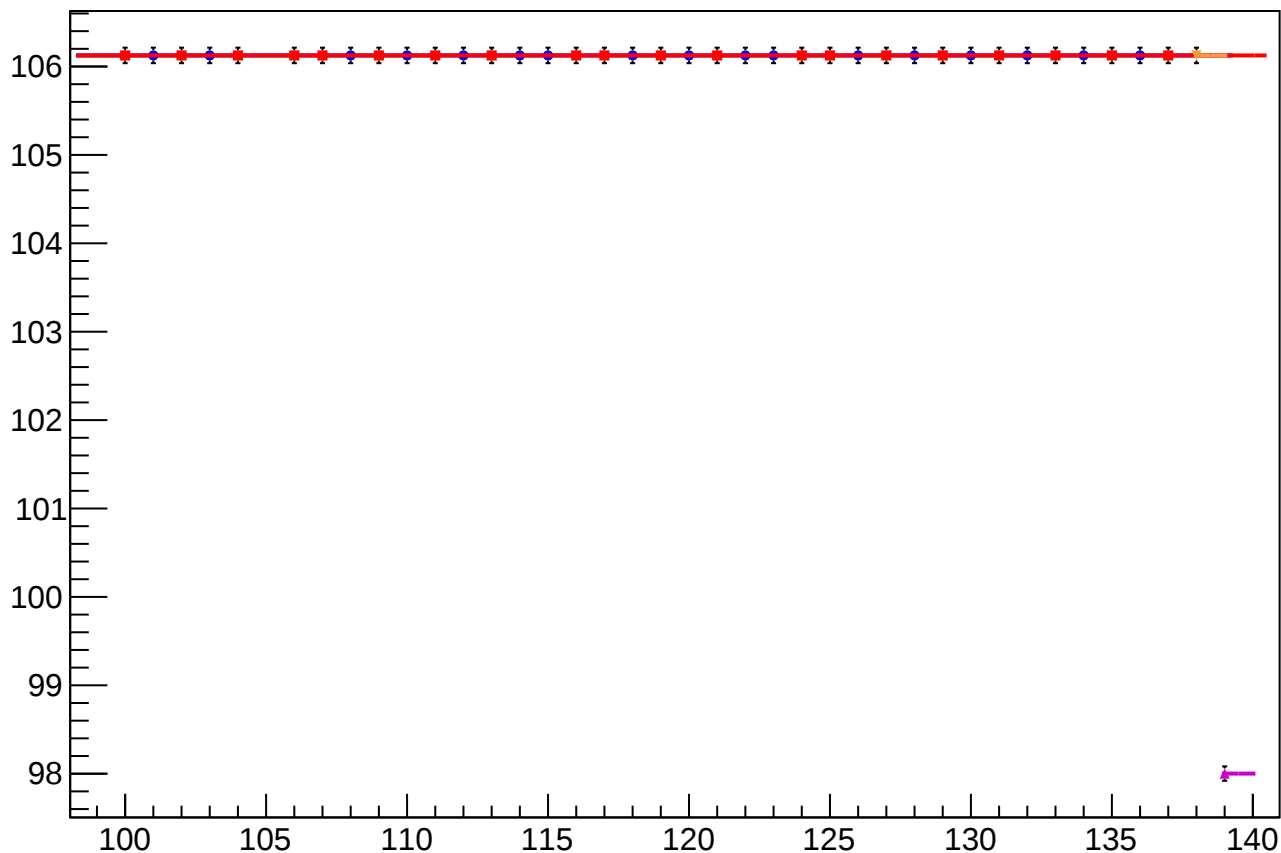
Right Out: 269.172 $\pm$ 27.760 χ^2 /NDF: 0.0/19

Left In: 103.290 $\pm$ 115.244 χ^2 /NDF: 0.0/0

269.172 $\pm$ 29.261 χ^2 /NDF: 0.0/17

260.075 $\pm$ 26.988 χ^2 /NDF: 2.0/20

reg_asym_sam_1548_avg_rms vs Slug



Right In: 106.125+/-0.021 χ^2/NDF : 0.0/16

Left Out: 106.125+/-0.088 χ^2/NDF : 0.0/0

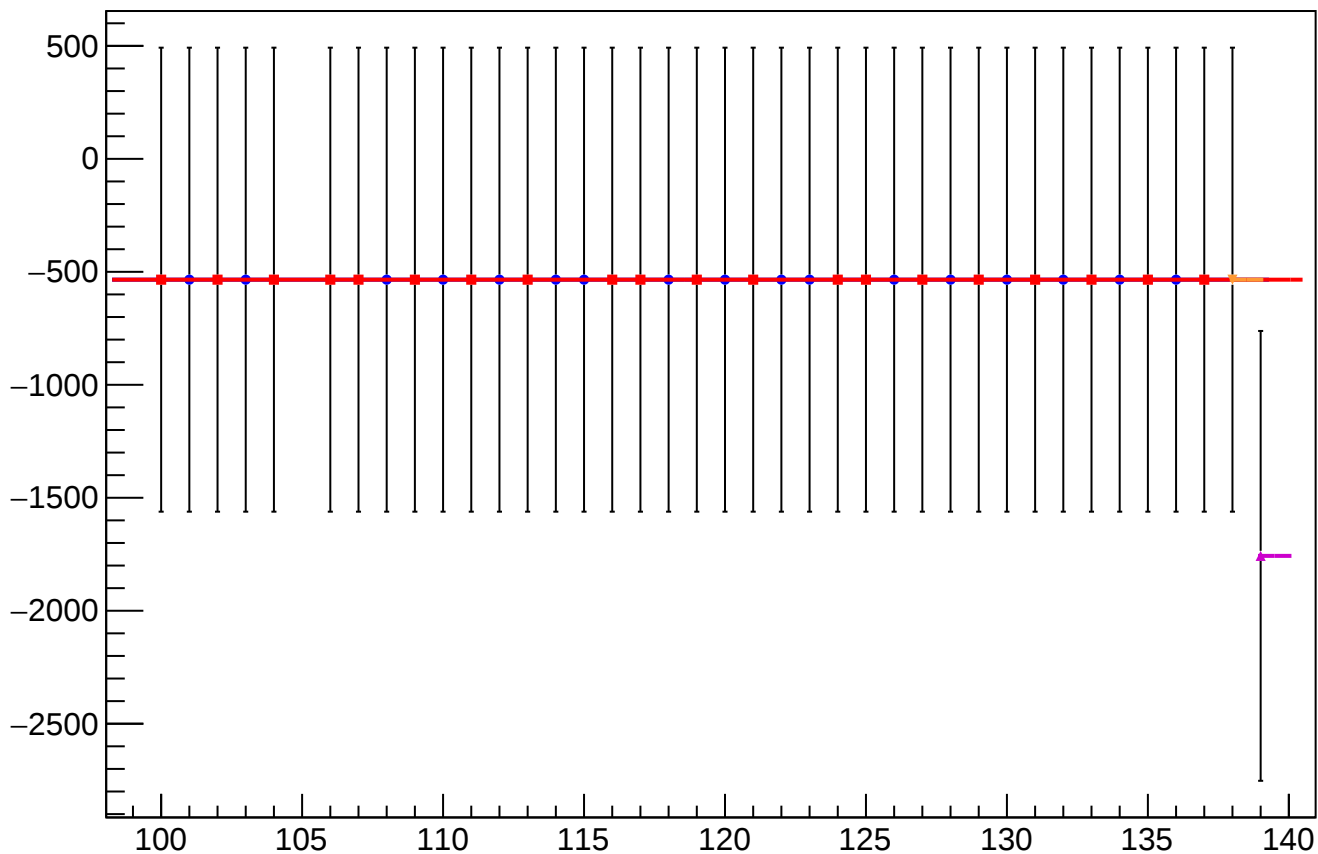
Right Out: 106.125+/-0.020 χ^2/NDF : 0.0/19

Left In: 98.001+/-0.081 χ^2/NDF : 0.0/0

106.125+/-0.021 χ^2/NDF : 0.0/17

105.680+/-0.019 χ^2/NDF : 9393.9/20

asym_sam_1548_avg_correction_mean vs Slug



Right In: -534.744+/-249.039 χ^2/NDF : 0.0/16

Left Out: -534.744+/-1026.813 χ^2/NDF : 0.0/0

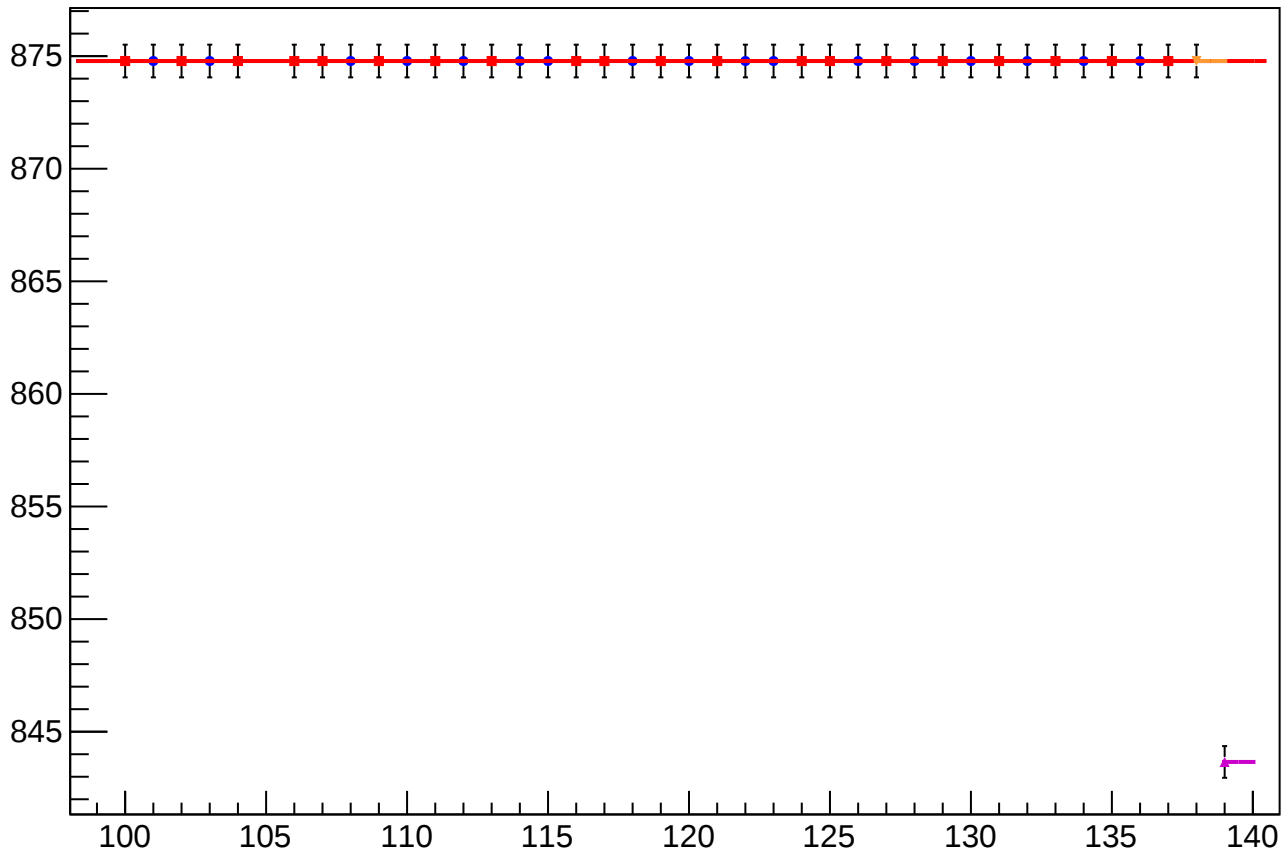
Right Out: -534.744+/-229.602 χ^2/NDF : 0.0/19

Left In: -1757.168+/-995.440 χ^2/NDF : 0.0/0

-534.744+/-242.022 χ^2/NDF : 0.0/17

-596.494+/-223.728 χ^2/NDF : 1.4/20

asym_sam_1548_avg_correction_rms vs Slug



Right In: 874.783 $\pm$ 0.176 χ^2 /NDF: 0.0/16

Left Out: 874.783 $\pm$ 0.726 χ^2 /NDF: 0.0/0

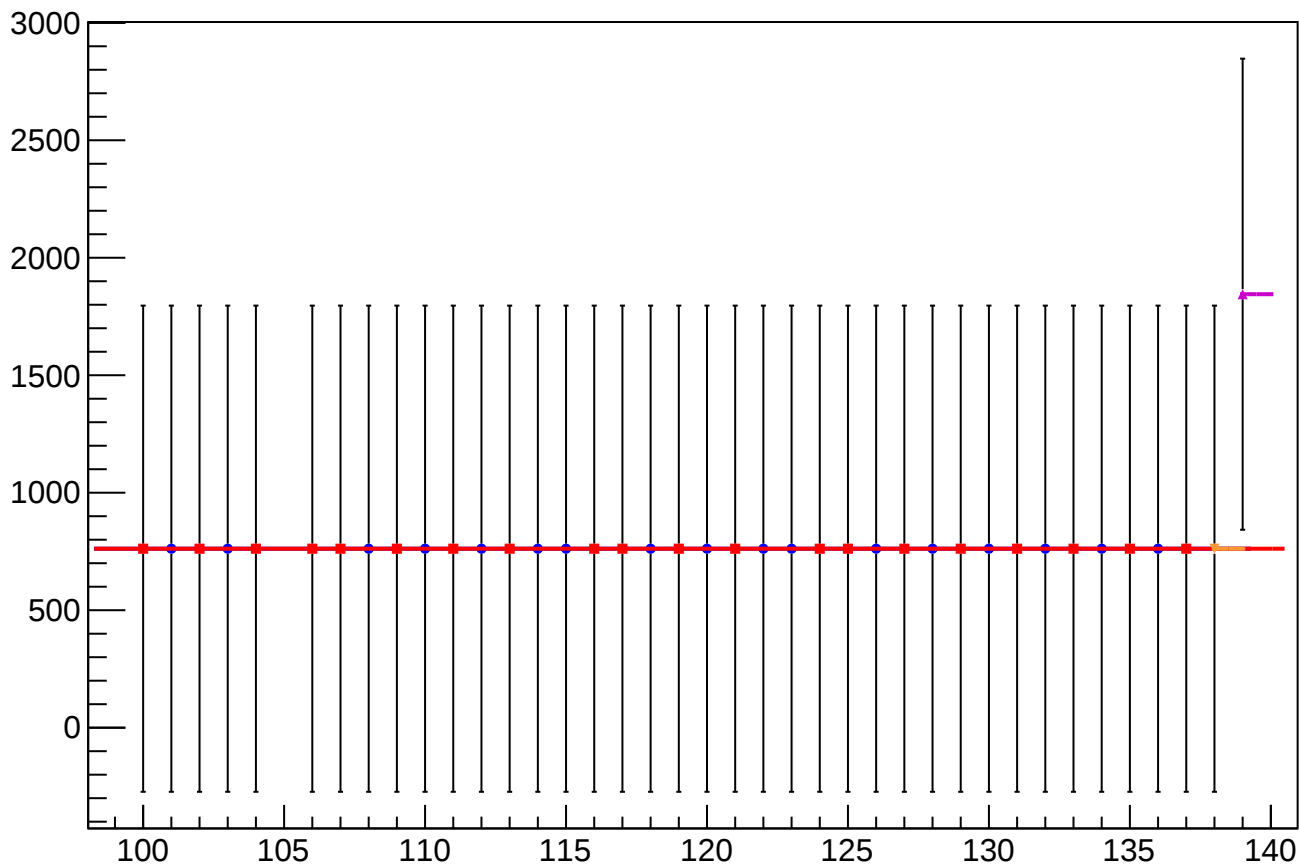
Right Out: 874.783 $\pm$ 0.162 χ^2 /NDF: 0.0/19

Left In: 843.657 $\pm$ 0.704 χ^2 /NDF: 0.0/0

874.783 $\pm$ 0.171 χ^2 /NDF: 0.0/17

873.211 $\pm$ 0.158 χ^2 /NDF: 1856.7/20

asym_sam_1548_avg_mean vs Slug



Right In: 761.735 $\pm$ 250.914 χ^2 /NDF: 0.0/16

Left Out: 761.735 $\pm$ 1034.544 χ^2 /NDF: 0.0/0

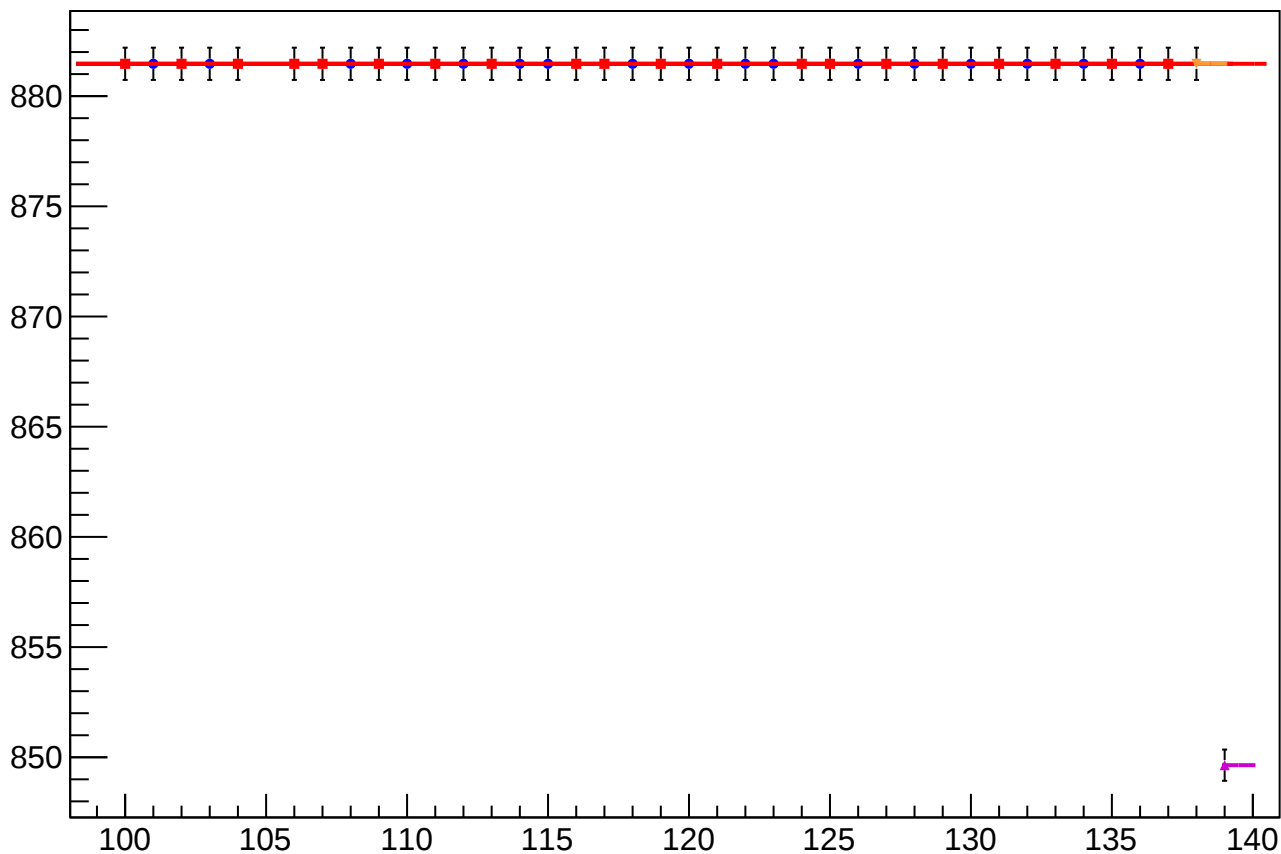
Right Out: 761.735 $\pm$ 231.331 χ^2 /NDF: 0.0/19

Left In: 1844.865 $\pm$ 1002.377 χ^2 /NDF: 0.0/0

761.735 $\pm$ 243.844 χ^2 /NDF: 0.0/17

816.506 $\pm$ 225.406 χ^2 /NDF: 1.1/20

asym_sam_1548_avg_rms vs Slug



Right In: 881.467 $\pm$ 0.177 χ^2 /NDF: 0.0/16

Left Out: 881.467 $\pm$ 0.732 χ^2 /NDF: 0.0/0

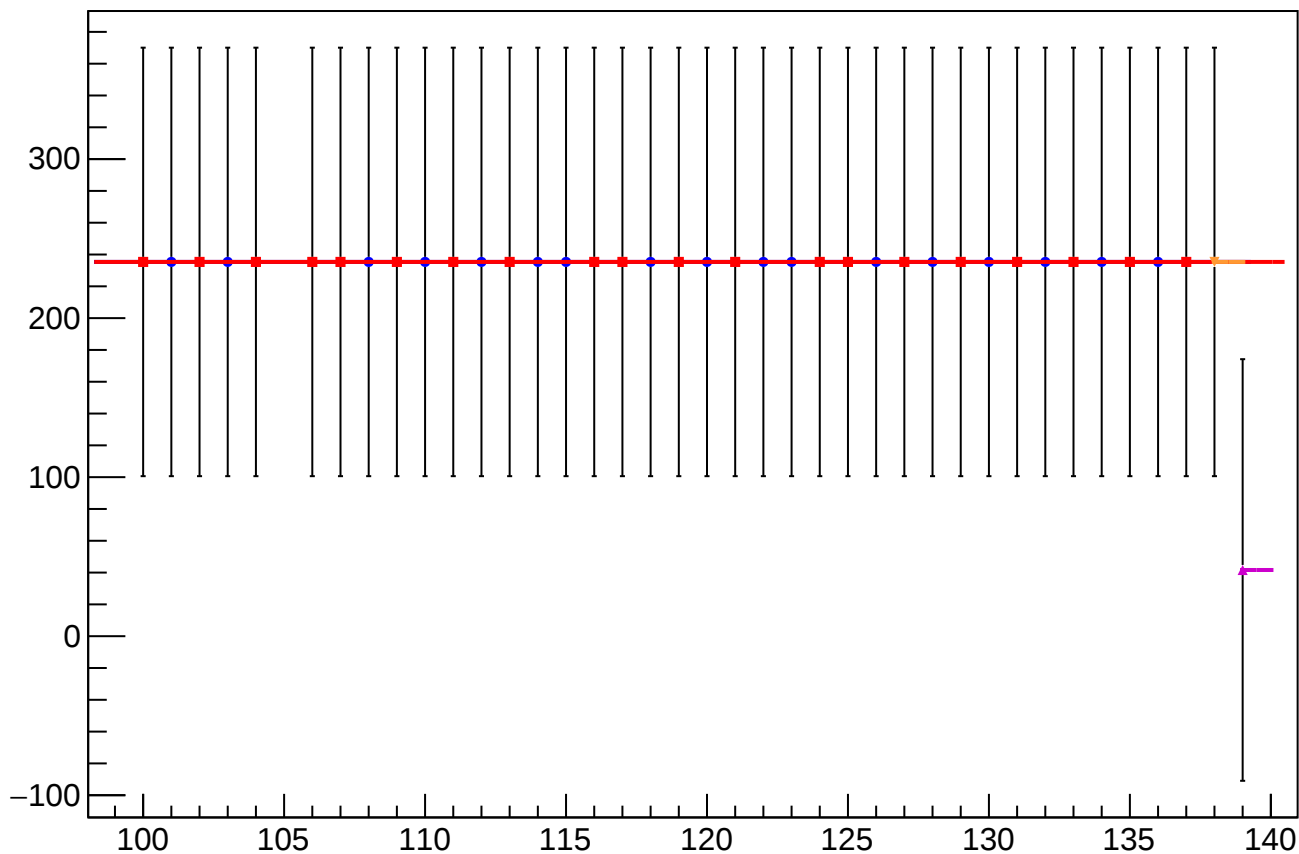
Right Out: 881.467 $\pm$ 0.164 χ^2 /NDF: 0.0/19

Left In: 849.642 $\pm$ 0.709 χ^2 /NDF: 0.0/0

881.467 $\pm$ 0.172 χ^2 /NDF: 0.0/17

879.858 $\pm$ 0.159 χ^2 /NDF: 1914.2/20

reg_asym_sam_3748_avg_mean vs Slug



Right In: 235.346 $\pm$ 32.676 χ^2 /NDF: 0.0/16

Left Out: 235.346 $\pm$ 134.725 χ^2 /NDF:0.0/0

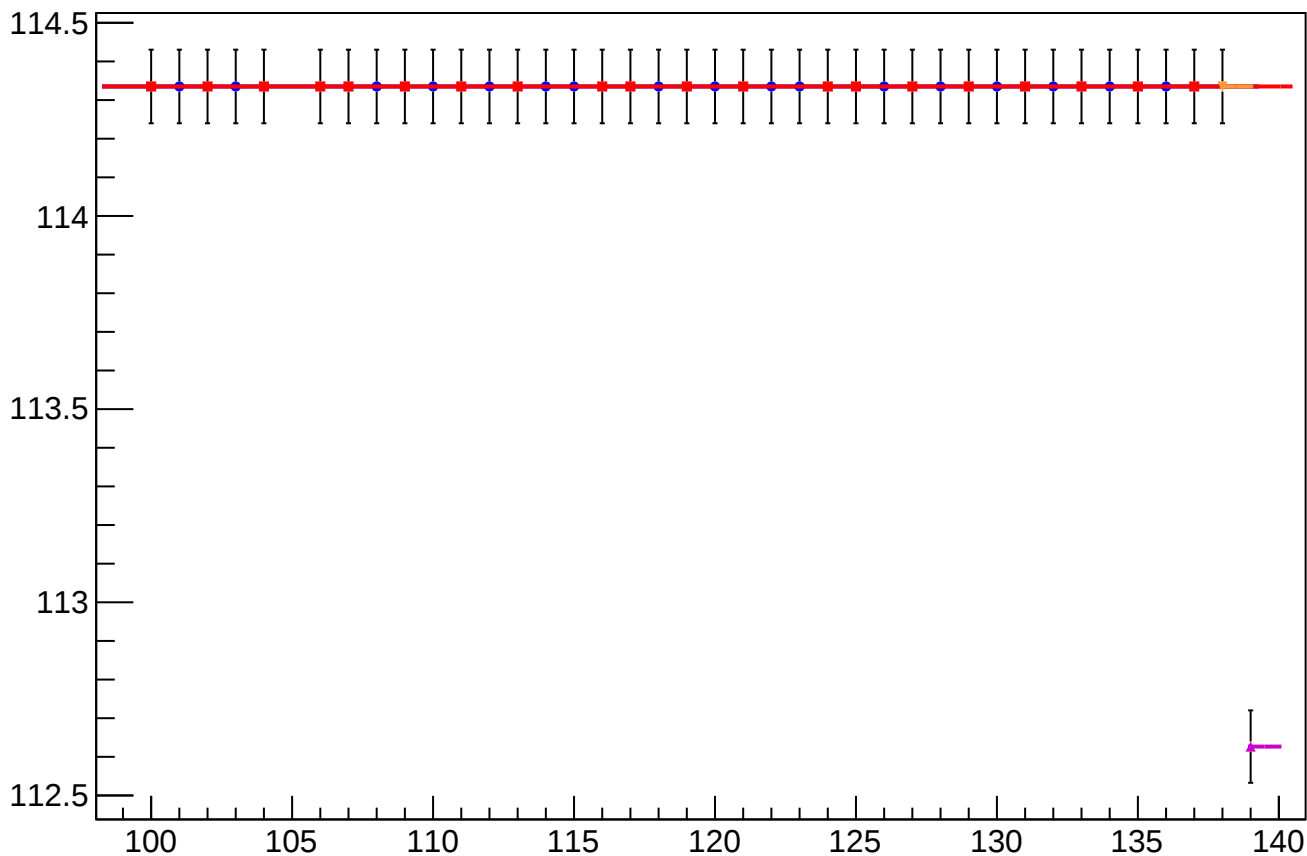
Right Out: 235.346 $\pm$ 30.125 χ^2 /NDF: 0.0/19

Left In: 41.628 $\pm$ 132.560 χ^2 /NDF:0.0/0

235.346 $\pm$ 31.755 χ^2 /NDF: 0.0/17

225.833 $\pm$ 29.376 χ^2 /NDF: 2.0/20

reg_asym_sam_3748_avg_rms vs Slug



Right In: 114.335 $\pm$ 0.023 χ^2 /NDF: 0.0/16

Left Out: 114.335 $\pm$ 0.095 χ^2 /NDF: 0.0/0

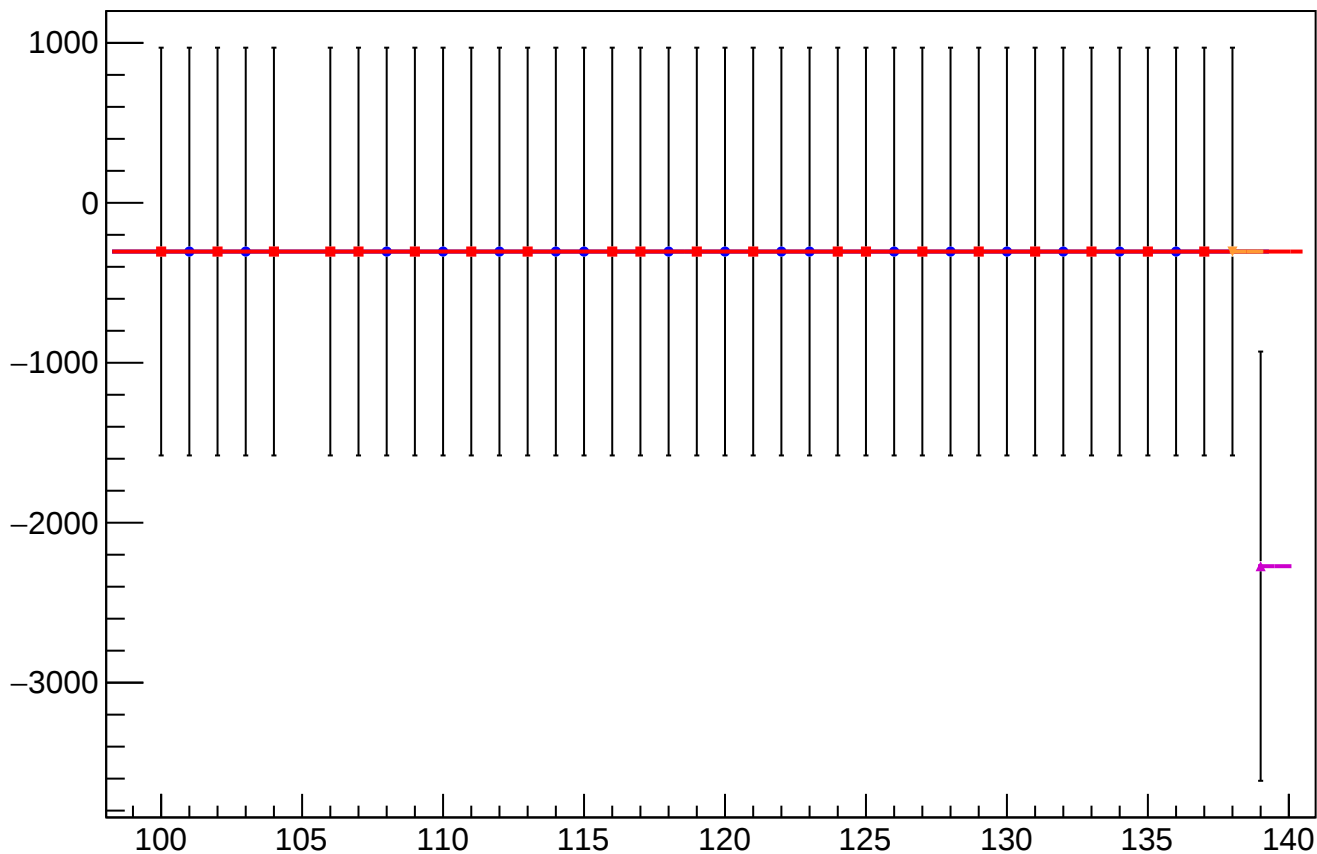
Right Out: 114.335 $\pm$ 0.021 χ^2 /NDF: 0.0/19

Left In: 112.627 $\pm$ 0.094 χ^2 /NDF: 0.0/0

114.335 $\pm$ 0.022 χ^2 /NDF: 0.0/17

114.251 $\pm$ 0.021 χ^2 /NDF: 316.0/20

asym_sam_3748_avg_correction_mean vs Slug



Right In: -304.659+/-309.179 χ^2/NDF : 0.0/16

Left Out: -304.659+/-1274.779 χ^2/NDF : 0.0/0

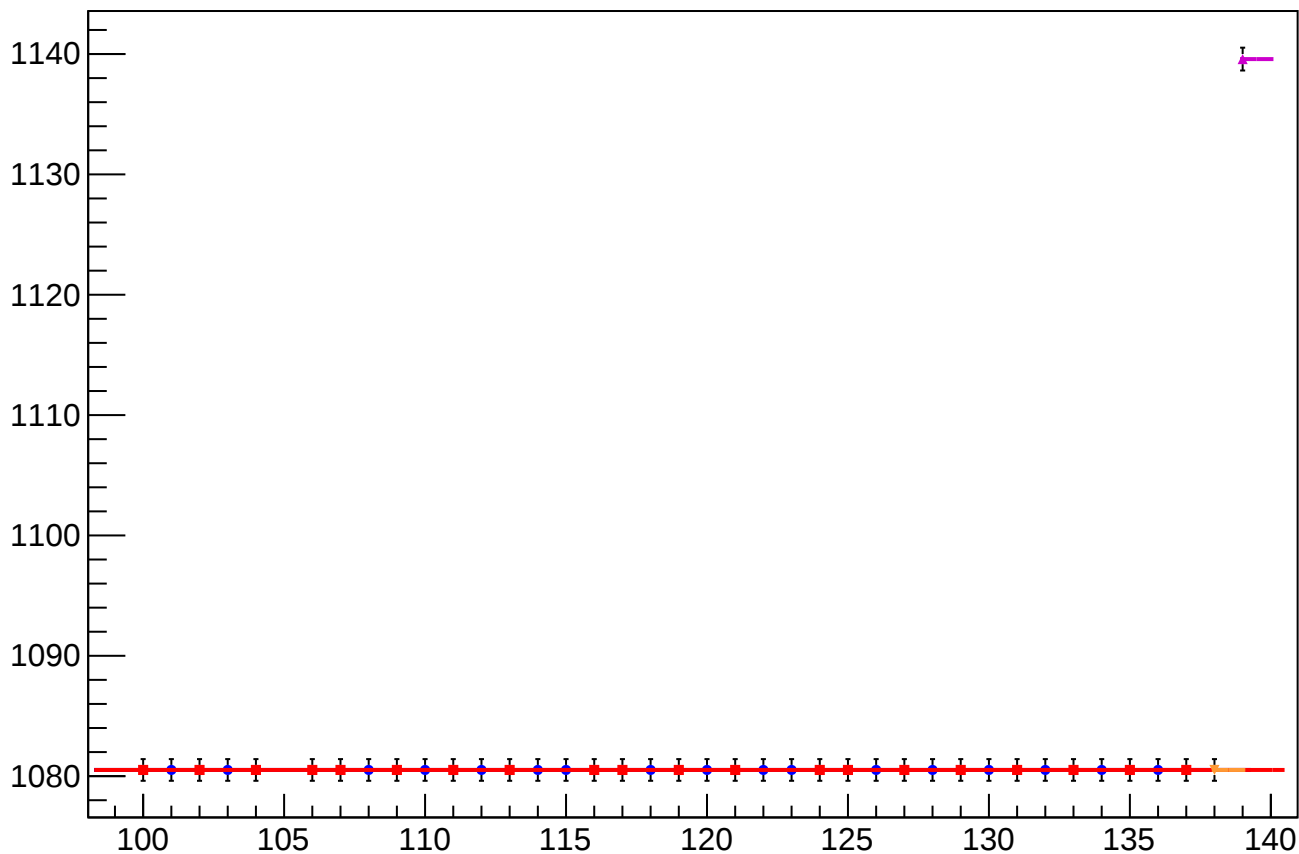
Right Out: -304.659+/-285.049 χ^2/NDF : 0.0/19

Left In: -2271.776+/-1341.828 χ^2/NDF : 0.0/0

-304.659+/-300.468 χ^2/NDF : 0.0/17

-389.598+/-278.827 χ^2/NDF : 2.1/20

asym_sam_3748_avg_correction_rms vs Slug



Right In: 1080.515 $\pm$ 0.219 χ^2 /NDF: 0.0/16

Left Out: 1080.515 $\pm$ 0.901 χ^2 /NDF: 0.0/0

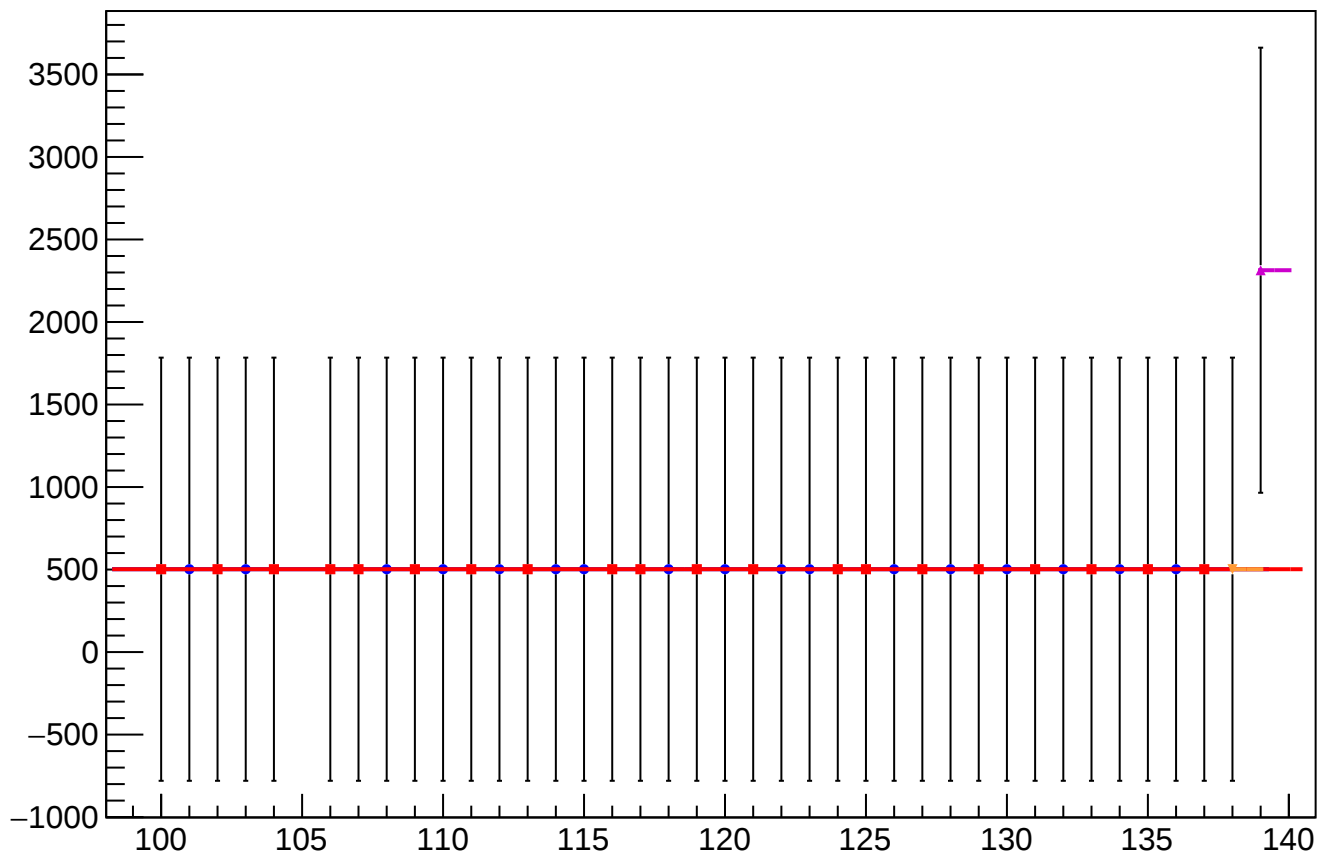
Right Out: 1080.515 $\pm$ 0.202 χ^2 /NDF: 0.0/19

Left In: 1139.580 $\pm$ 0.949 χ^2 /NDF: 0.0/0

1080.515 $\pm$ 0.212 χ^2 /NDF: 0.0/17

1083.065 $\pm$ 0.197 χ^2 /NDF: 3707.9/20

asym_sam_3748_avg_mean vs Slug



Right In: 502.043+/-310.943 χ^2/NDF : 0.0/16

Left Out: 502.043+/-1282.050 χ^2/NDF : 0.0/0

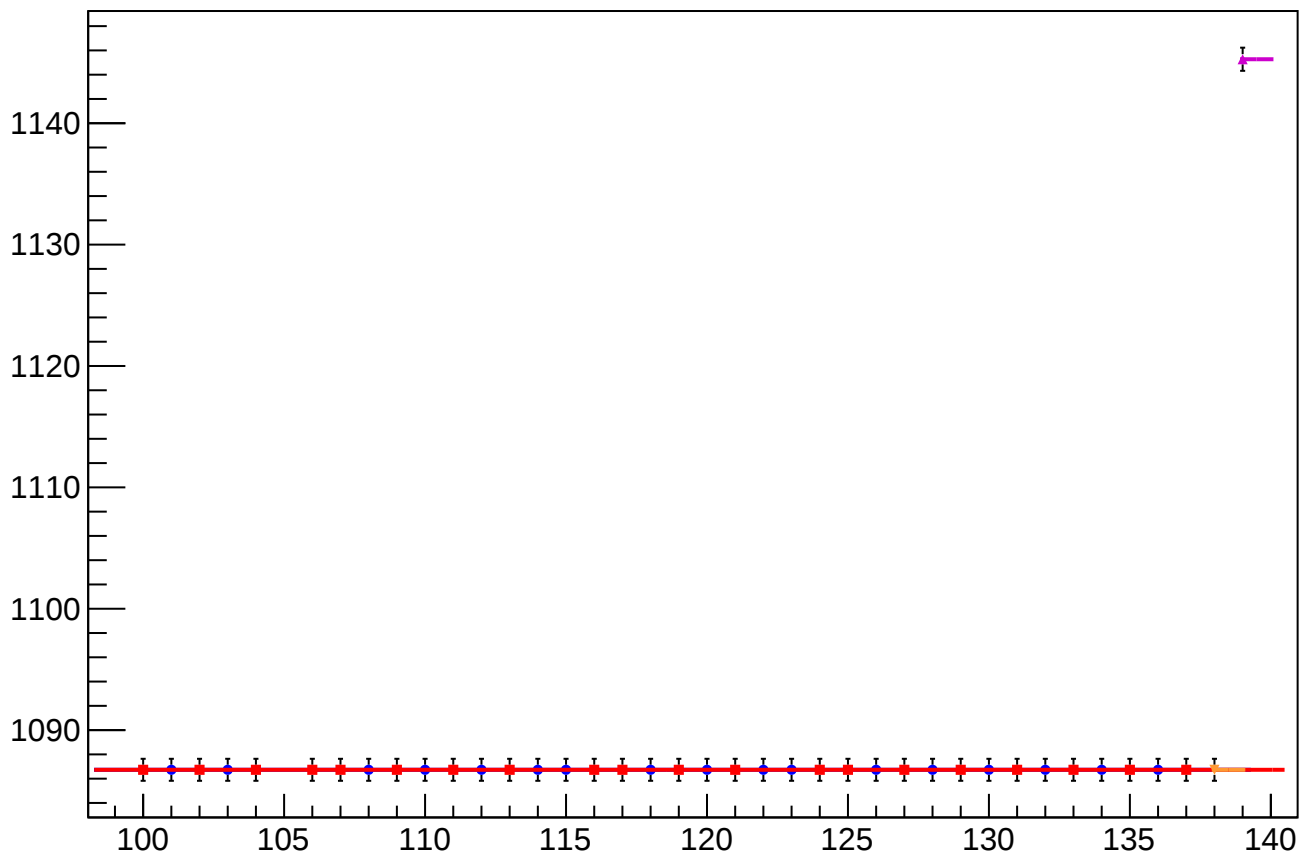
Right Out: 502.043+/-286.675 χ^2/NDF : 0.0/19

Left In: 2313.751+/-1348.492 χ^2/NDF : 0.0/0

502.043+/-302.182 χ^2/NDF : 0.0/17

580.381+/-280.409 χ^2/NDF : 1.7/20

asym_sam_3748_avg_rms vs Slug



Right In: 1086.731+/-0.220 χ^2/NDF : 0.0/16

Left Out: 1086.731+/-0.907 χ^2/NDF : 0.0/0

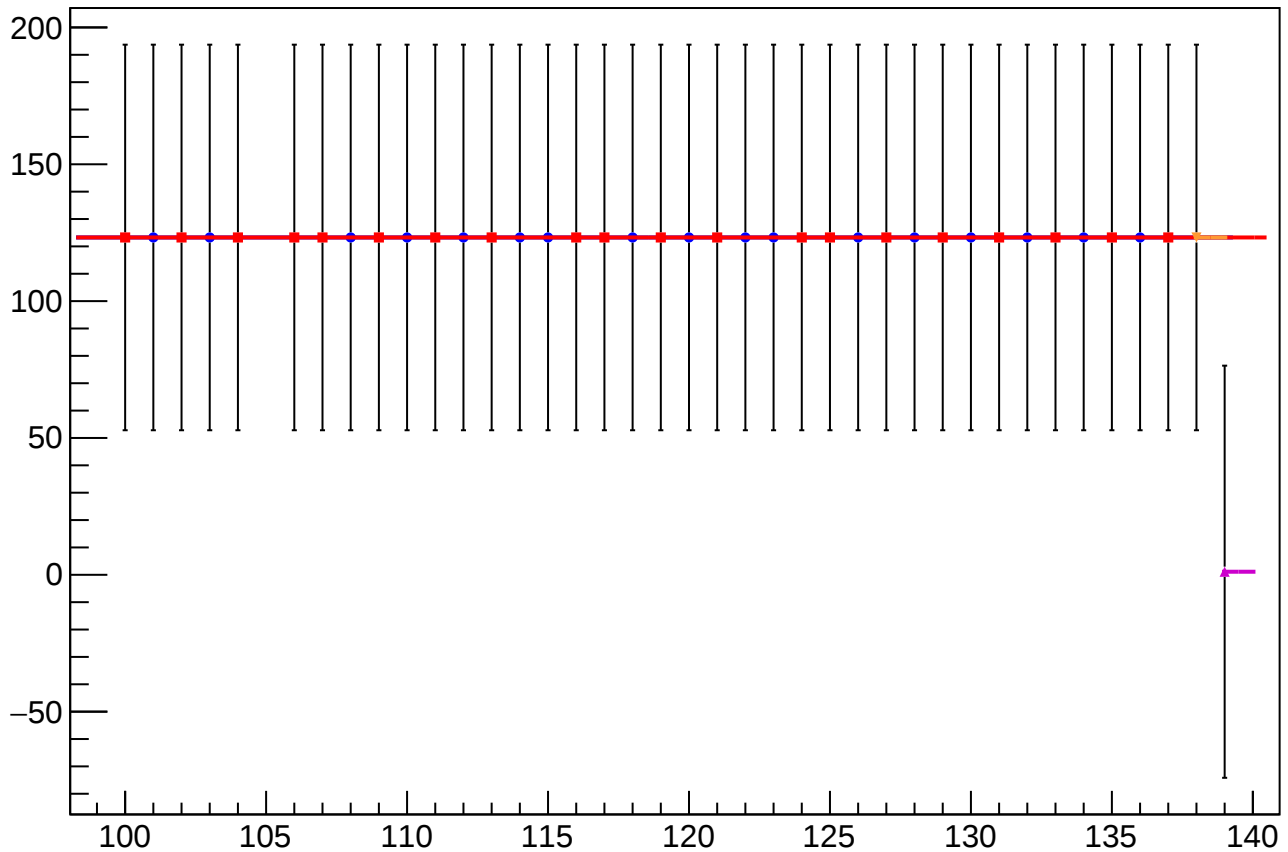
Right Out: 1086.731+/-0.203 χ^2/NDF : 0.0/19

Left In: 1145.272+/-0.954 χ^2/NDF : 0.0/0

1086.731+/-0.214 χ^2/NDF : 0.0/17

1089.262+/-0.198 χ^2/NDF : 3606.3/20

reg_asym_sam_1526_avg_mean vs Slug



Right In: 123.260 $\pm$ 17.085 χ^2 /NDF: 0.0/16

Left Out: 123.260 $\pm$ 70.442 χ^2 /NDF:0.0/0

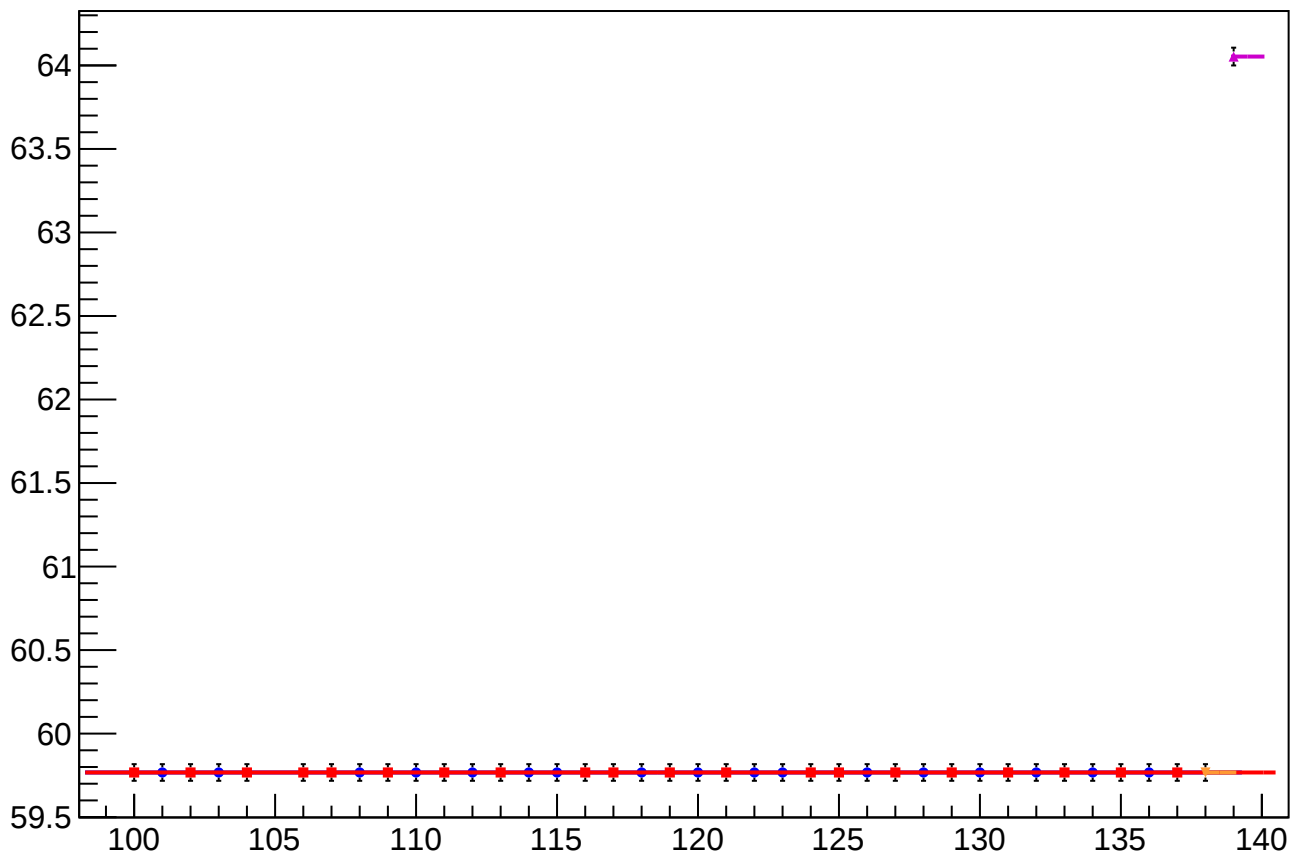
Right Out: 123.260 $\pm$ 15.751 χ^2 /NDF: 0.0/19

Left In: 1.125 $\pm$ 75.294 χ^2 /NDF:0.0/0

123.260 $\pm$ 16.603 χ^2 /NDF: 0.0/17

118.139 $\pm$ 15.418 χ^2 /NDF: 2.5/20

reg_asym_sam_1526_avg_rms vs Slug



Right In: 59.767+/-0.012 χ^2/NDF : 0.0/16

Left Out: 59.767+/-0.050 χ^2/NDF : 0.0/0

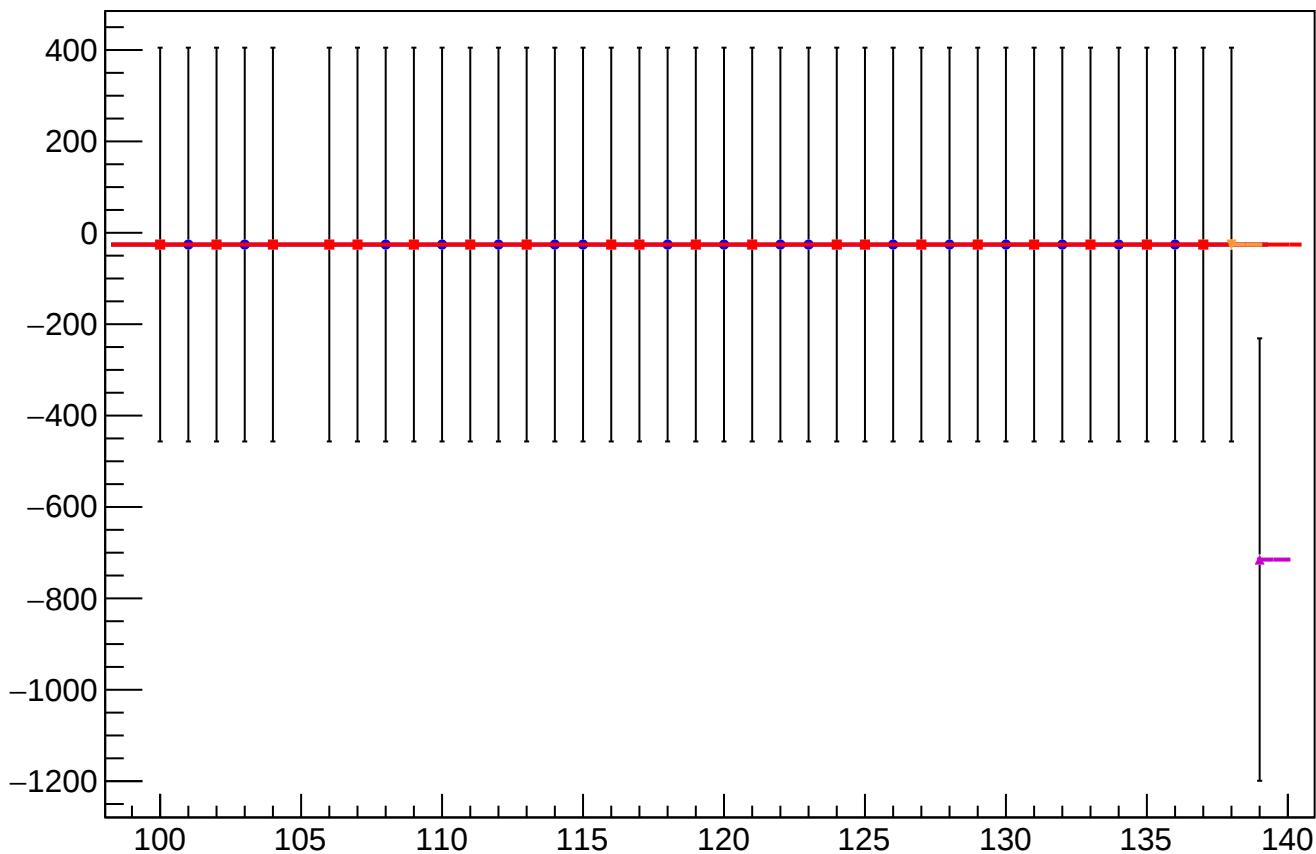
Right Out: 59.767+/-0.011 χ^2/NDF : 0.0/19

Left In: 64.053+/-0.053 χ^2/NDF : 0.0/0

59.767+/-0.012 χ^2/NDF : 0.0/17

59.947+/-0.011 χ^2/NDF : 6208.3/20

asym_sam_1526_avg_correction_mean vs Slug



Right In: -25.761 $\pm$ 104.501 χ^2 /NDF: 0.0/16

Left Out: -25.761 $\pm$ 430.868 χ^2 /NDF:0.0/0

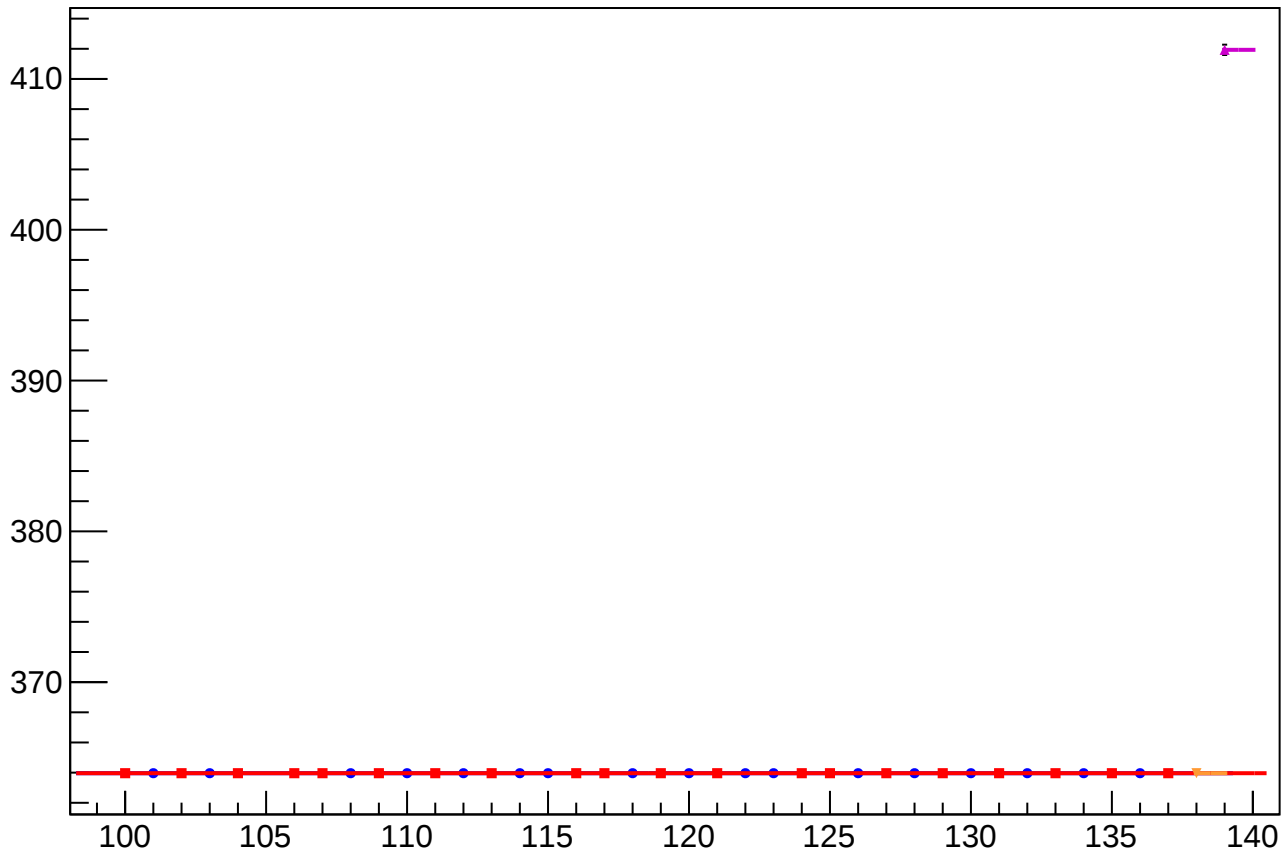
Right Out: -25.761 $\pm$ 96.345 χ^2 /NDF: 0.0/19

Left In: -715.089 $\pm$ 484.097 χ^2 /NDF:0.0/0

-25.761 $\pm$ 101.556 χ^2 /NDF: 0.0/17

-52.024 $\pm$ 94.492 χ^2 /NDF: 2.0/20

asym_sam_1526_avg_correction_rms vs Slug



Right In: 363.962 $\pm$ 0.074 χ^2 /NDF: 0.0/16

Left Out: 363.962 $\pm$ 0.305 χ^2 /NDF: 0.0/0

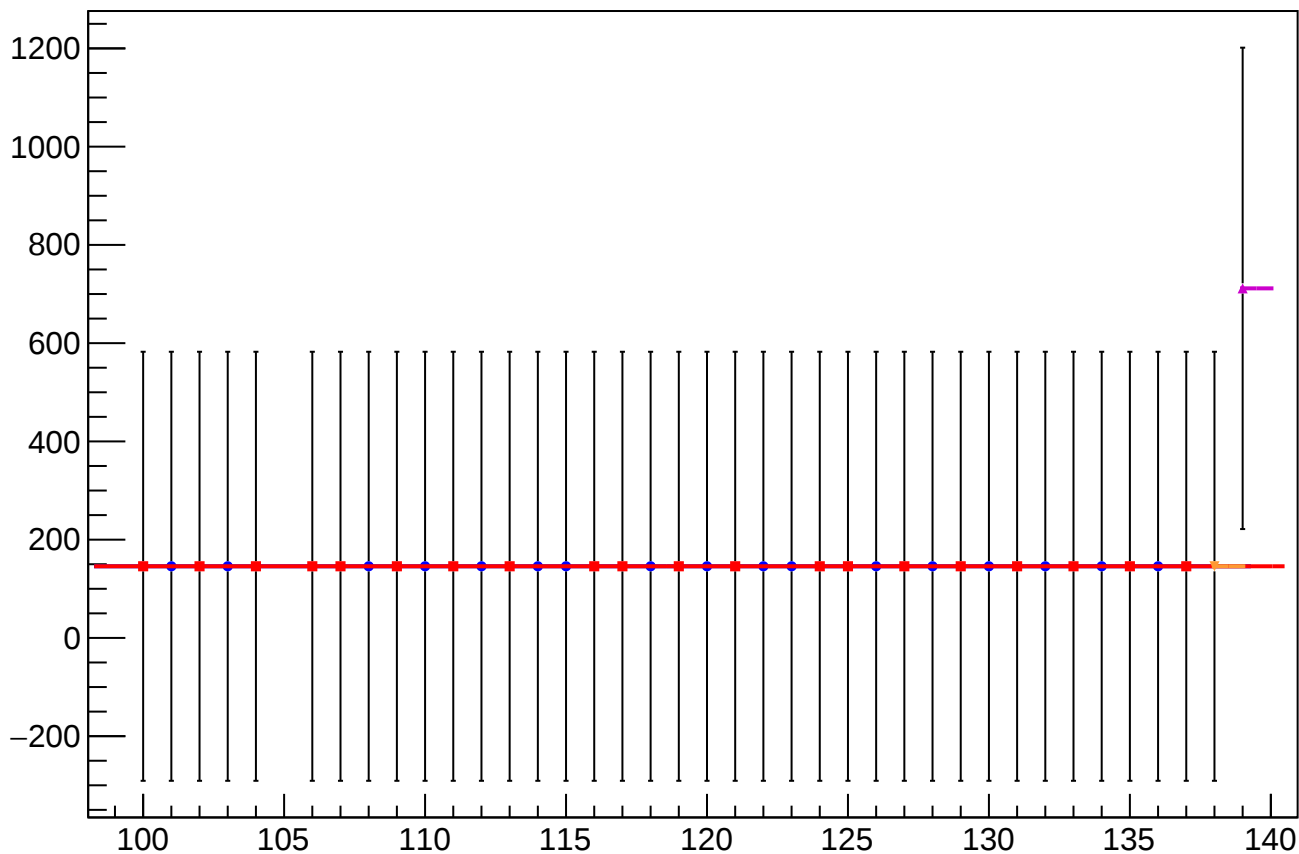
Right Out: 363.962 $\pm$ 0.068 χ^2 /NDF: 0.0/19

Left In: 411.932 $\pm$ 0.342 χ^2 /NDF: 0.0/0

363.962 $\pm$ 0.072 χ^2 /NDF: 0.0/17

365.790 $\pm$ 0.067 χ^2 /NDF: 18889.3/20

asym_sam_1526_avg_mean vs Slug



Right In: 145.833 $\pm$ 105.907 χ^2 /NDF: 0.0/16

Left Out: 145.833 $\pm$ 436.665 χ^2 /NDF: 0.0/0

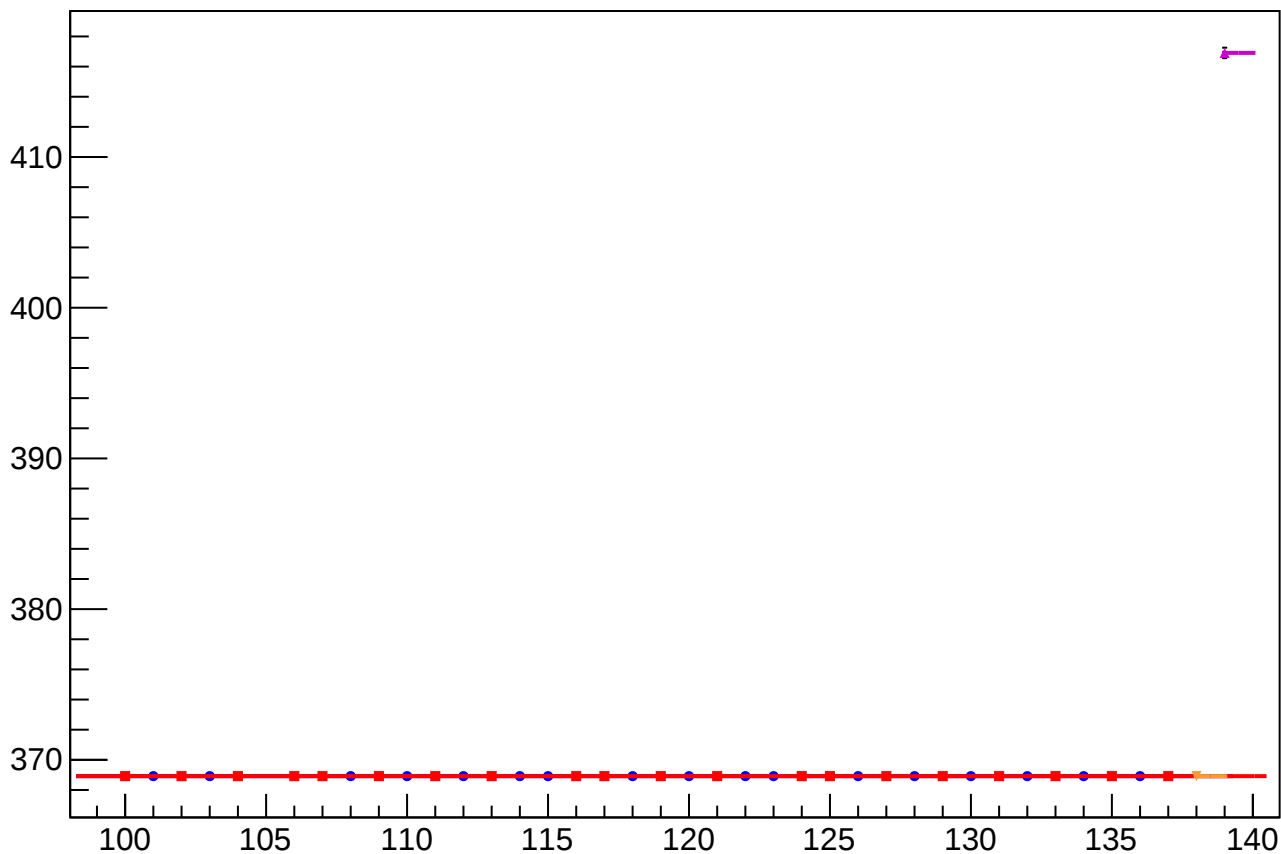
Right Out: 145.833 $\pm$ 97.641 χ^2 /NDF: 0.0/19

Left In: 711.531 $\pm$ 489.944 χ^2 /NDF: 0.0/0

145.833 $\pm$ 102.923 χ^2 /NDF: 0.0/17

167.442 $\pm$ 95.758 χ^2 /NDF: 1.3/20

asym_sam_1526_avg_rms vs Slug



Right In: 368.918 $\pm$ 0.075 χ^2 /NDF: 0.0/16

Left Out: 368.918 $\pm$ 0.309 χ^2 /NDF: 0.0/0

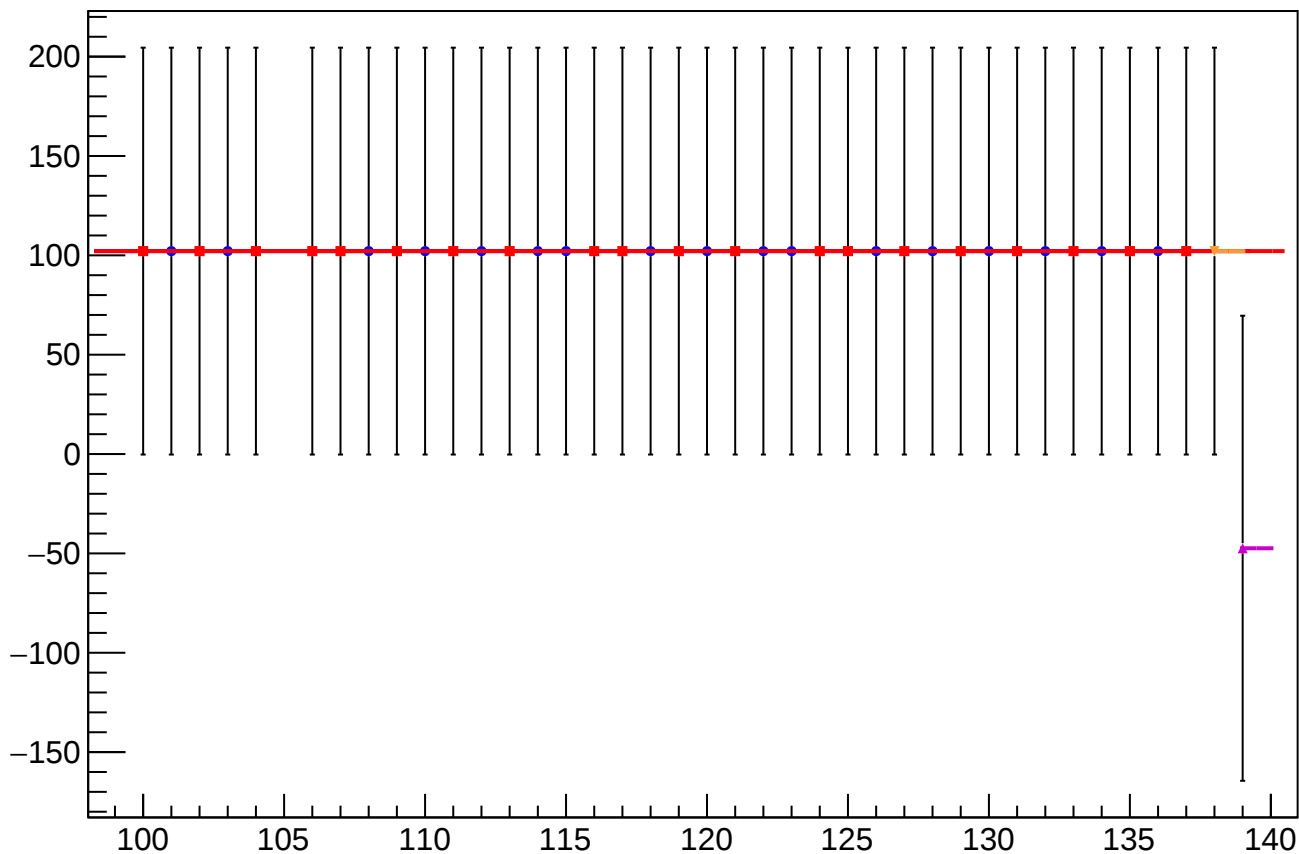
Right Out: 368.918 $\pm$ 0.069 χ^2 /NDF: 0.0/19

Left In: 416.909 $\pm$ 0.346 χ^2 /NDF: 0.0/0

368.918 $\pm$ 0.073 χ^2 /NDF: 0.0/17

370.751 $\pm$ 0.068 χ^2 /NDF: 18456.1/20

reg_asym_sam_3726_avg_mean vs Slug



Right In: 102.129 $\pm$ 24.831 χ^2 /NDF: 0.0/16

Left Out: 102.129 $\pm$ 102.379 χ^2 /NDF: 0.0/0

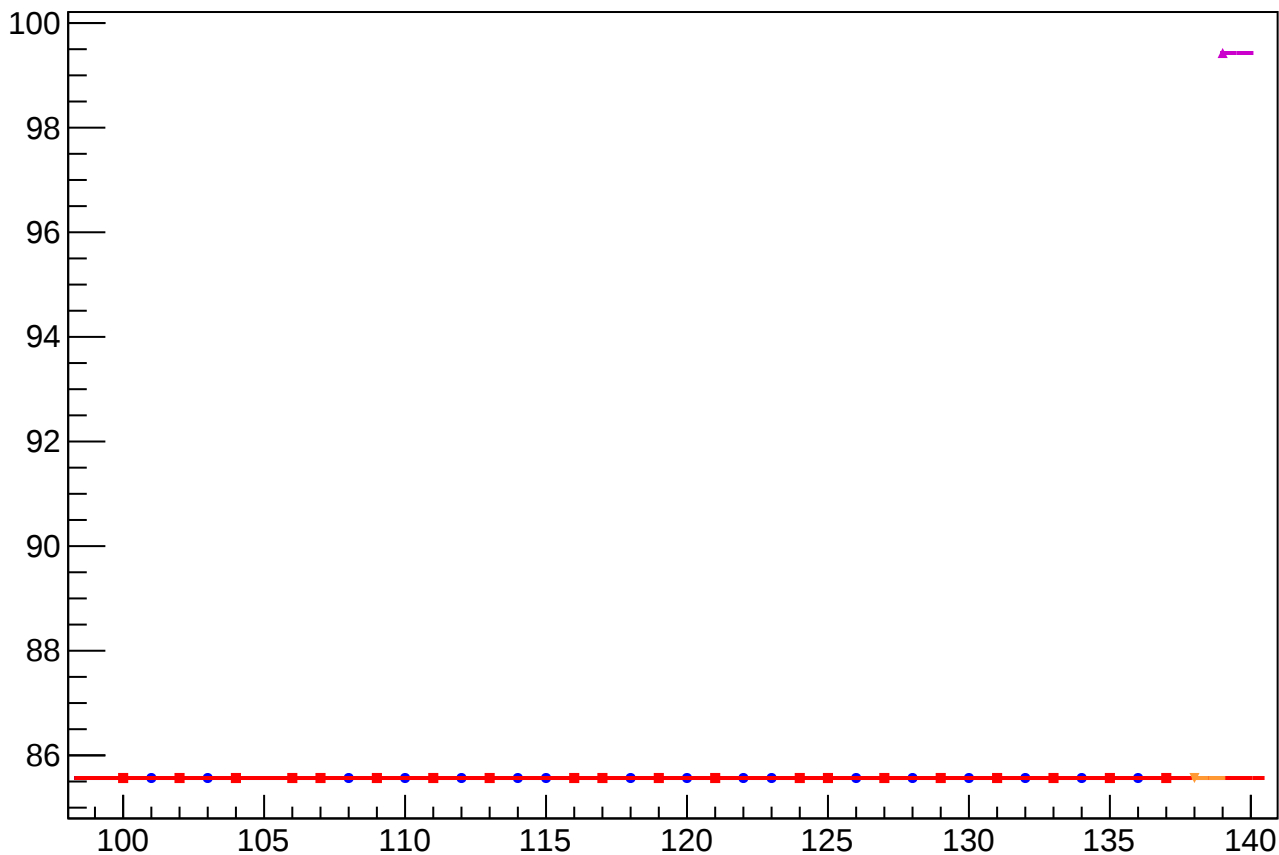
Right Out: 102.129 $\pm$ 22.893 χ^2 /NDF: 0.0/19

Left In: -47.416 $\pm$ 117.019 χ^2 /NDF: 0.0/0

102.129 $\pm$ 24.131 χ^2 /NDF: 0.0/17

96.617 $\pm$ 22.467 χ^2 /NDF: 1.6/20

reg_asym_sam_3726_avg_rms vs Slug



Right In: 85.567 $\pm$ 0.018 χ^2 /NDF: 0.0/16

Left Out: 85.567 $\pm$ 0.072 χ^2 /NDF: 0.0/0

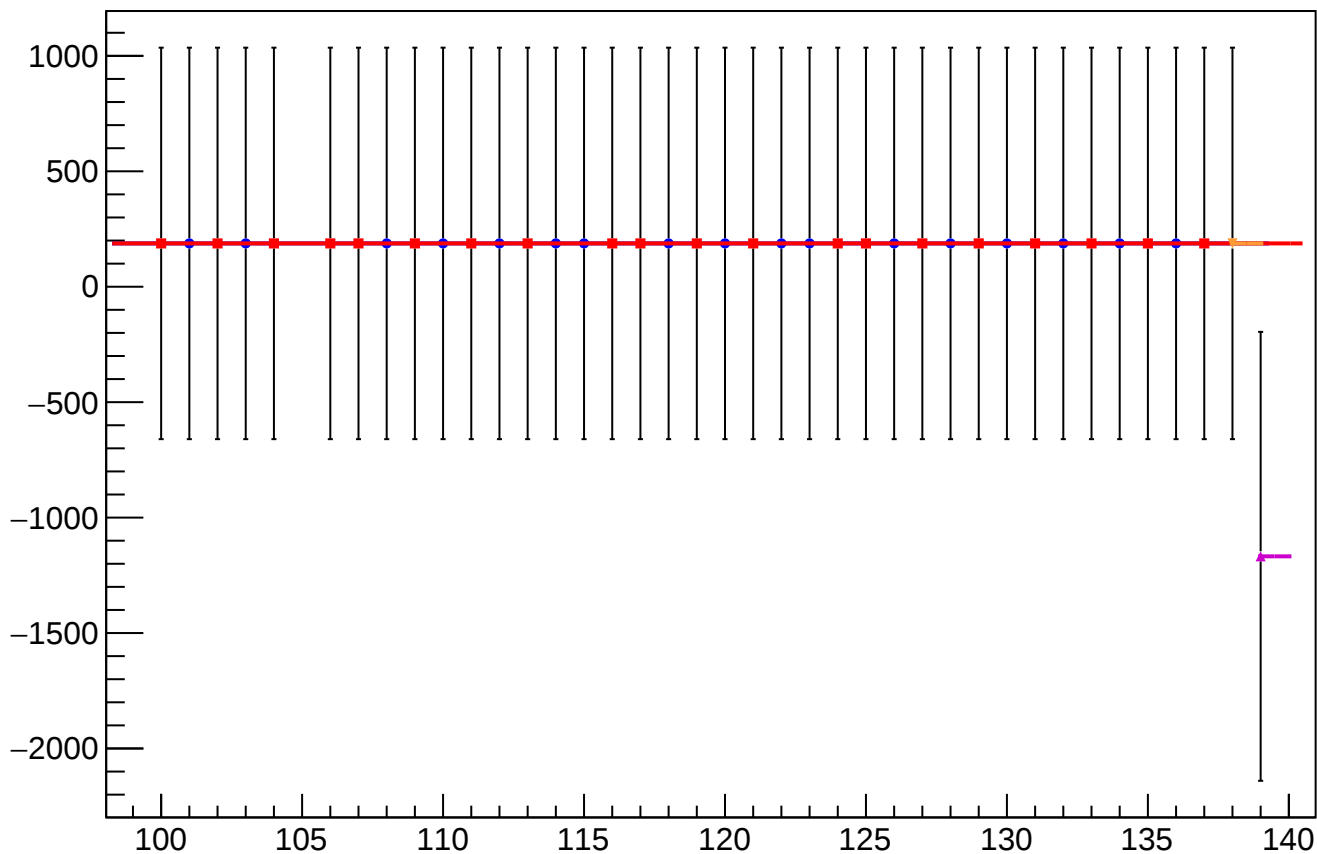
Right Out: 85.567 $\pm$ 0.016 χ^2 /NDF: 0.0/19

Left In: 99.427 $\pm$ 0.083 χ^2 /NDF: 0.0/0

85.567 $\pm$ 0.017 χ^2 /NDF: 0.0/17

86.078 $\pm$ 0.016 χ^2 /NDF: 27025.3/20

asym_sam_3726_avg_correction_mean vs Slug



Right In: 187.636 $\pm$ 205.631 χ^2 /NDF: 0.0/16

Left Out: 187.636 $\pm$ 847.838 χ^2 /NDF:0.0/0

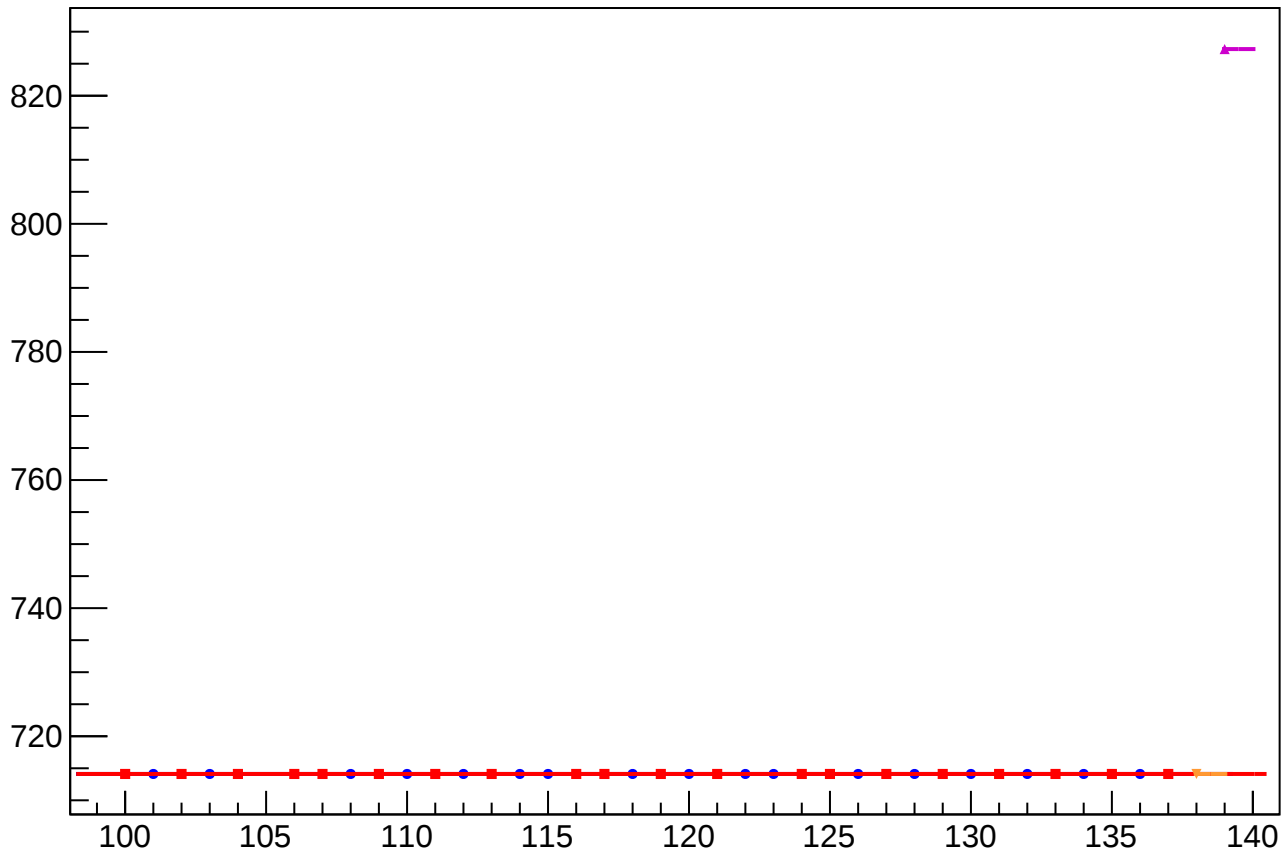
Right Out: 187.636 $\pm$ 189.582 χ^2 /NDF: 0.0/19

Left In: -1167.768 $\pm$ 972.236 χ^2 /NDF:0.0/0

187.636 $\pm$ 199.837 χ^2 /NDF: 0.0/17

137.987 $\pm$ 186.078 χ^2 /NDF: 1.9/20

asym_sam_3726_avg_correction_rms vs Slug



Right In: 714.113 $\pm$ 0.145 χ^2 /NDF: 0.0/16

Left Out: 714.113 $\pm$ 0.600 χ^2 /NDF: 0.0/0

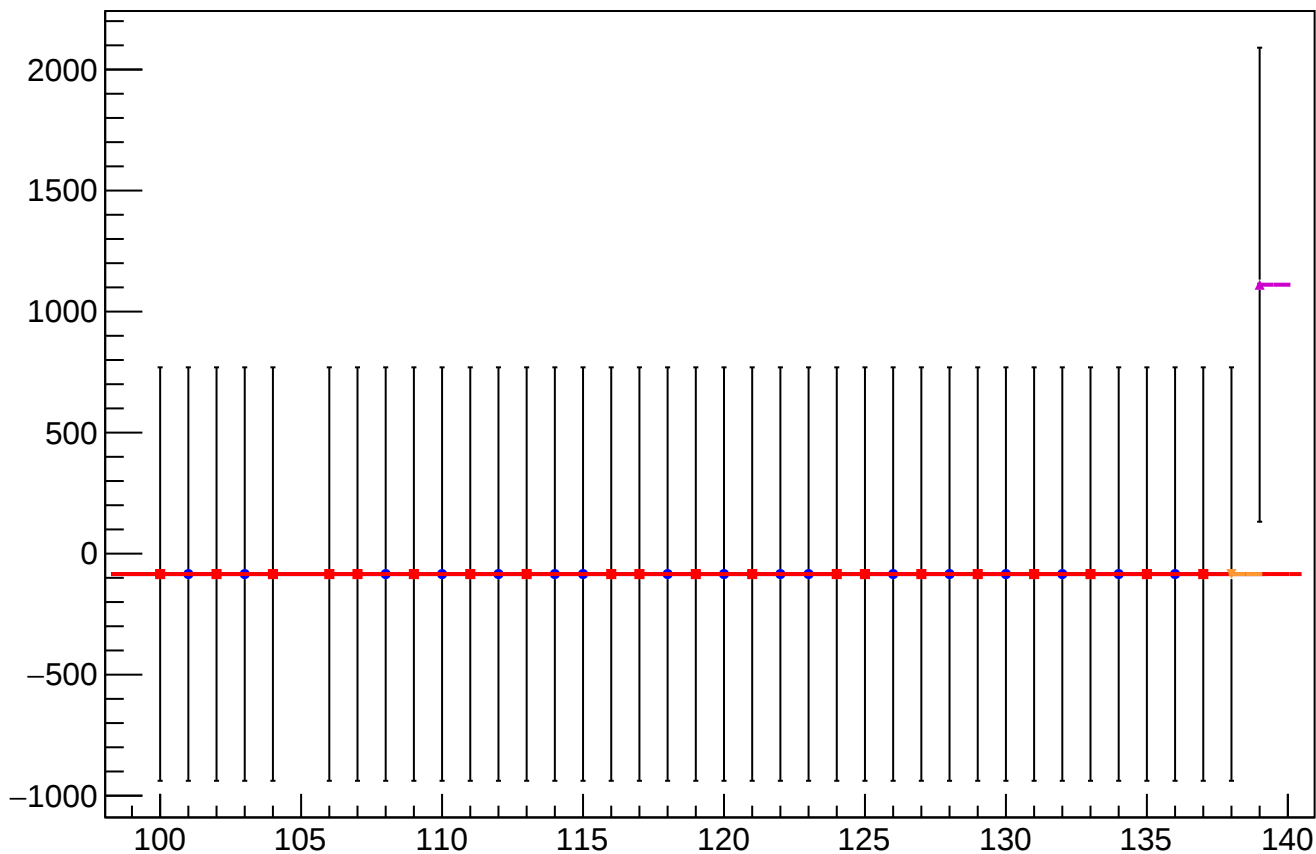
Right Out: 714.113 $\pm$ 0.134 χ^2 /NDF: 0.0/19

Left In: 827.285 $\pm$ 0.687 χ^2 /NDF: 0.0/0

714.113 $\pm$ 0.141 χ^2 /NDF: 0.0/17

718.258 $\pm$ 0.132 χ^2 /NDF: 26107.4/20

asym_sam_3726_avg_mean vs Slug



Right In: -84.386 $\pm$ 207.148 χ^2 /NDF: 0.0/16

Left Out: -84.386 $\pm$ 854.095 χ^2 /NDF:0.0/0

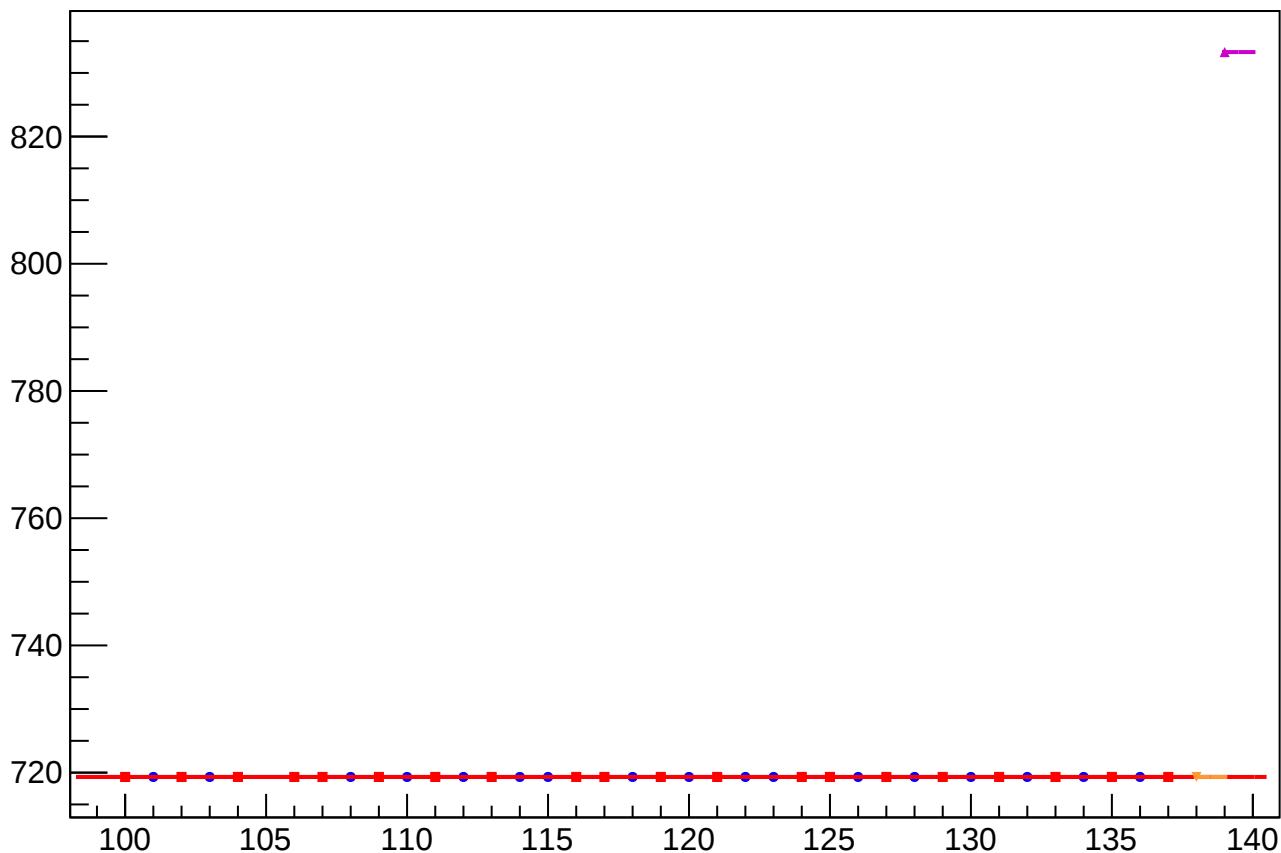
Right Out: -84.386 $\pm$ 190.981 χ^2 /NDF: 0.0/19

Left In: 1111.054 $\pm$ 979.291 χ^2 /NDF:0.0/0

-84.386 $\pm$ 201.312 χ^2 /NDF: 0.0/17

-40.586 $\pm$ 187.450 χ^2 /NDF: 1.4/20

asym_sam_3726_avg_rms vs Slug



Right In: 719.321+/-0.146 χ^2/NDF : 0.0/16

Left Out: 719.321+/-0.604 χ^2/NDF : 0.0/0

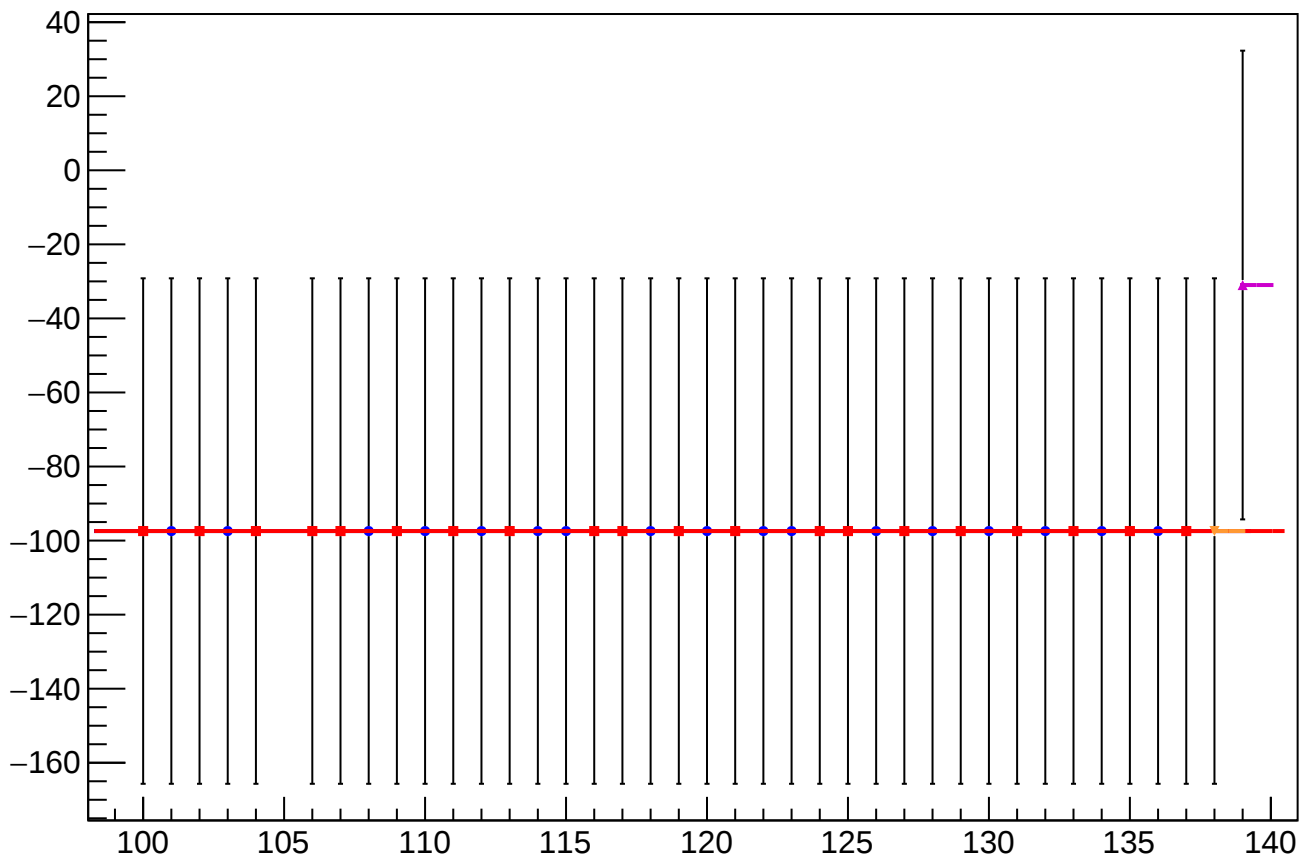
Right Out: 719.321+/-0.135 χ^2/NDF : 0.0/19

Left In: 833.280+/-0.692 χ^2/NDF : 0.0/0

719.321+/-0.142 χ^2/NDF : 0.0/17

723.496+/-0.133 χ^2/NDF : 26091.3/20

reg_asym_sam_15_48_dd_mean vs Slug



Right In: -97.426+/-16.555 χ^2/NDF : 0.0/16

Left Out: -97.426+/-68.257 χ^2/NDF : 0.0/0

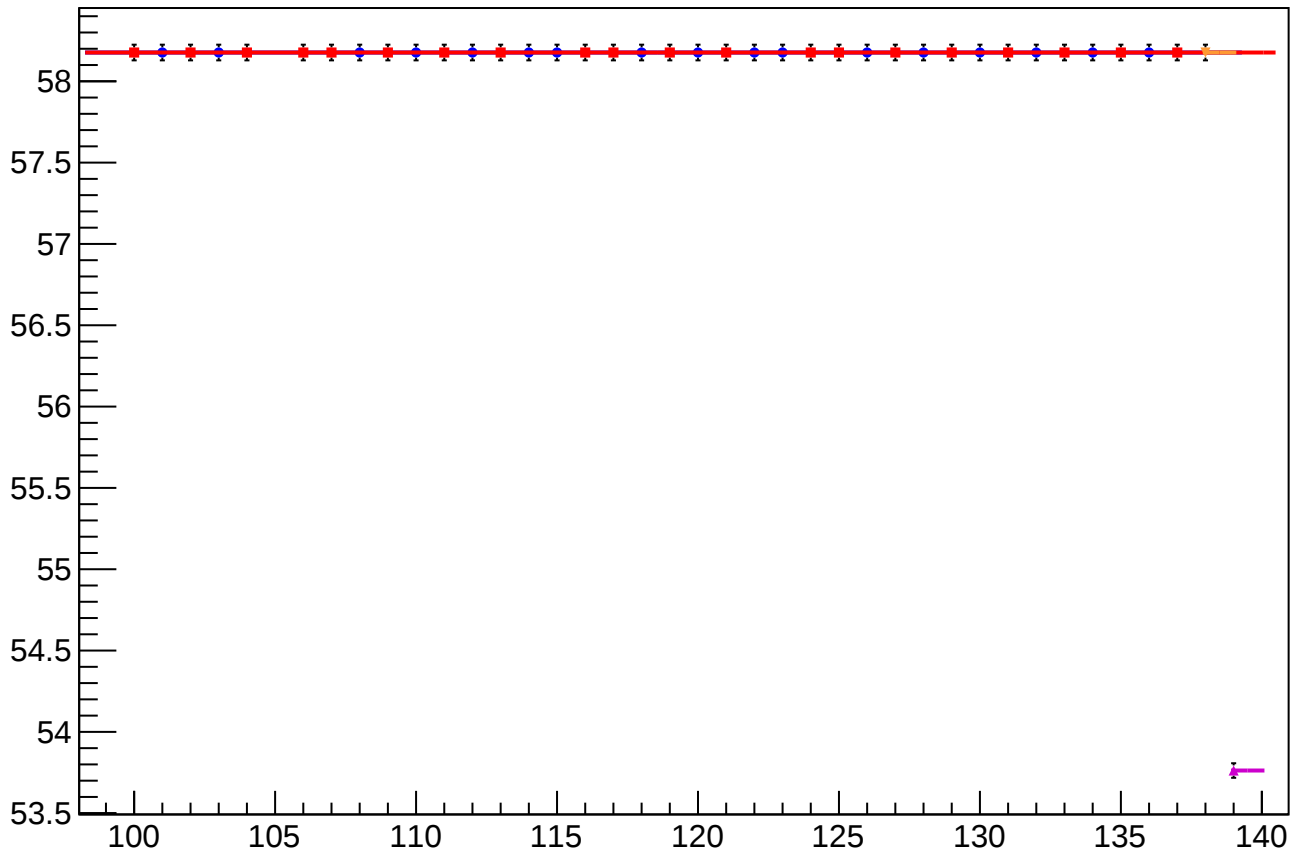
Right Out: -97.426+/-15.263 χ^2/NDF : 0.0/19

Left In: -30.985+/-63.293 χ^2/NDF : 0.0/0

-97.426+/-16.088 χ^2/NDF : 0.0/17

-93.775+/-14.837 χ^2/NDF : 1.0/20

reg_asym_sam_15_48_dd_rms vs Slug



Right In: 58.177 $\pm$ 0.012 χ^2 /NDF: 0.0/16

Left Out: 58.177 $\pm$ 0.048 χ^2 /NDF: 0.0/0

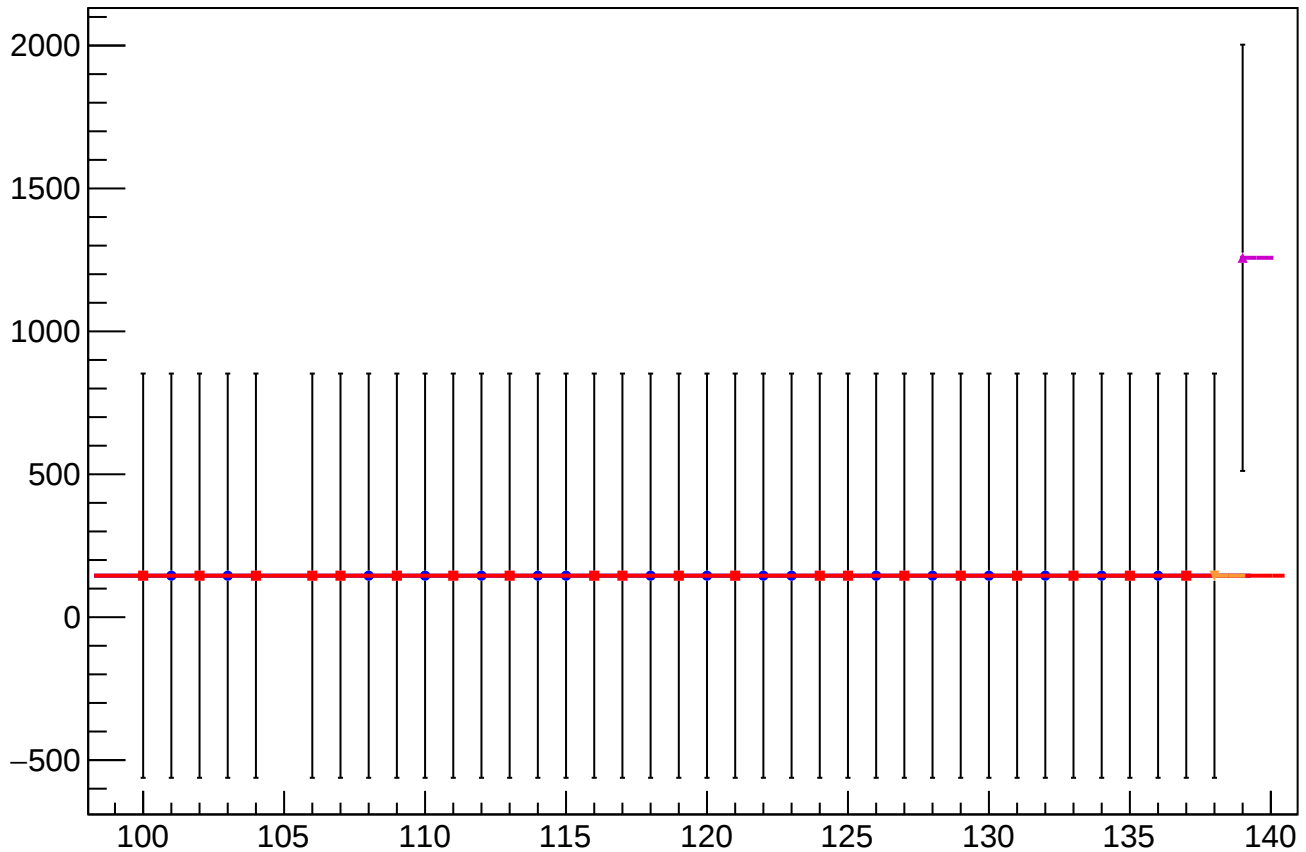
Right Out: 58.177 $\pm$ 0.011 χ^2 /NDF: 0.0/19

Left In: 53.762 $\pm$ 0.045 χ^2 /NDF: 0.0/0

58.177 $\pm$ 0.011 χ^2 /NDF: 0.0/17

57.934 $\pm$ 0.010 χ^2 /NDF: 9194.2/20

asym_sam_15_48_dd_correction_mean vs Slug



Right In: 145.219+/-171.503 χ^2/NDF : 0.0/16

Left Out: 145.219+/-707.127 χ^2/NDF : 0.0/0

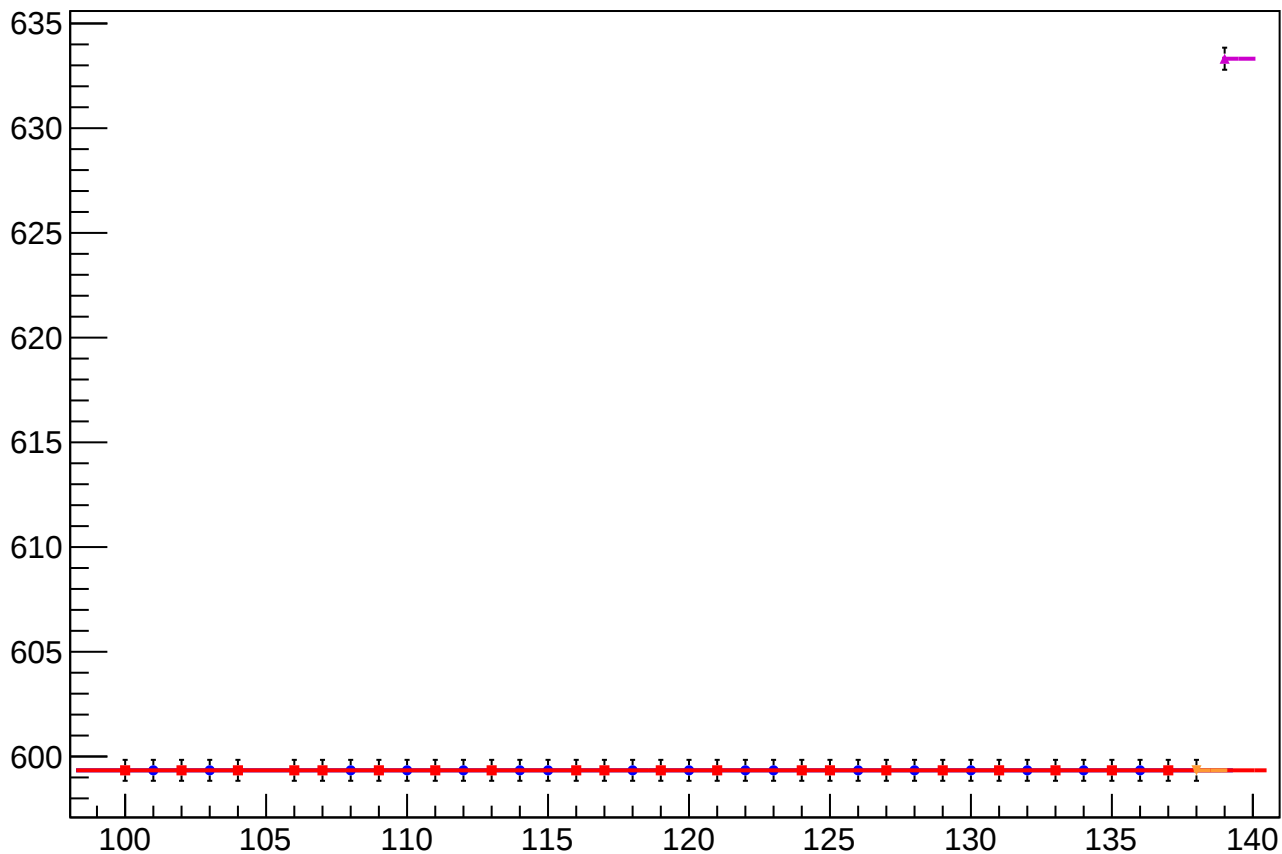
Right Out: 145.219+/-158.118 χ^2/NDF : 0.0/19

Left In: 1257.431+/-745.634 χ^2/NDF : 0.0/0

145.219+/-166.671 χ^2/NDF : 0.0/17

193.082+/-154.679 χ^2/NDF : 2.1/20

asym_sam_15_48_dd_correction_rms vs Slug



Right In: 599.340 $\pm$ 0.121 χ^2 /NDF: 0.0/16

Left Out: 599.340 $\pm$ 0.500 χ^2 /NDF: 0.0/0

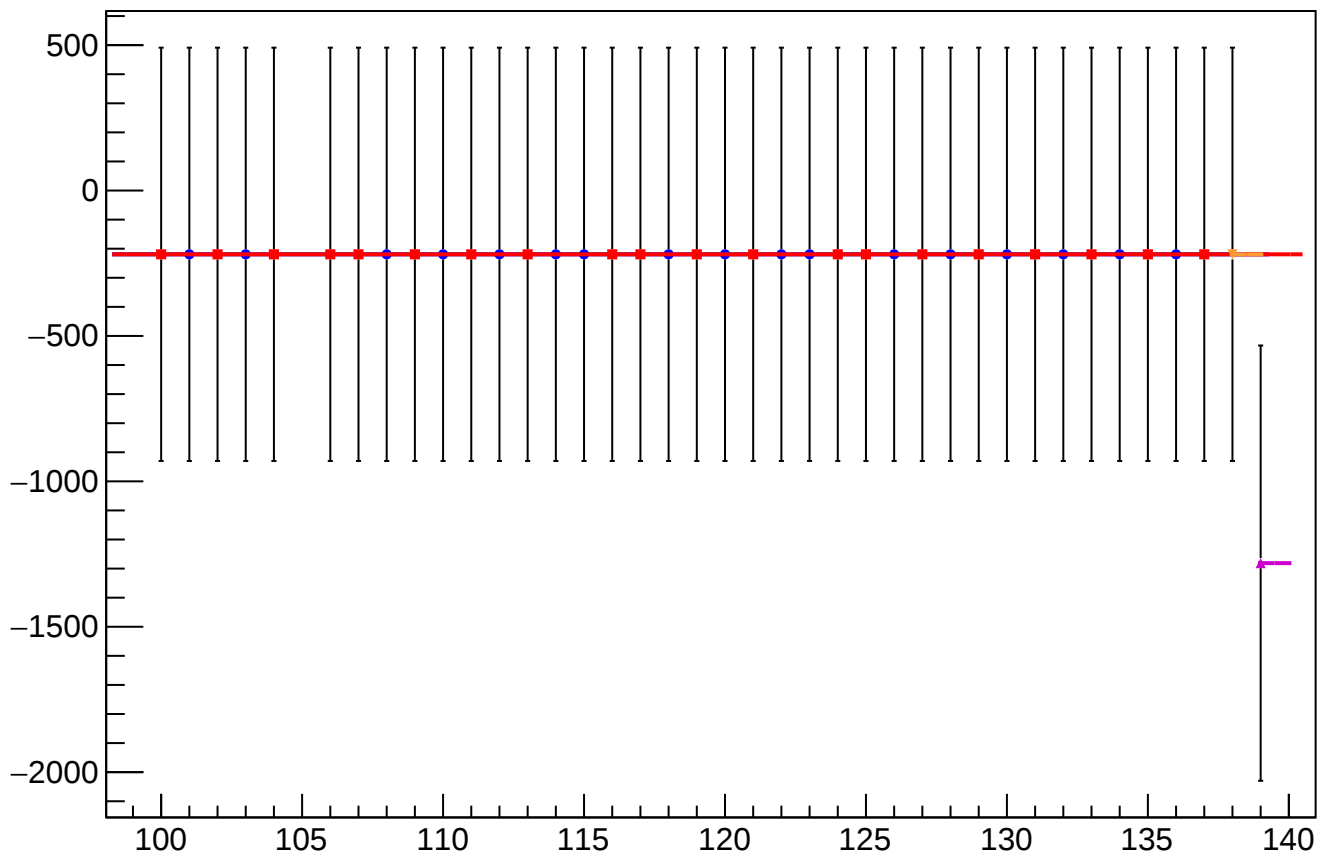
Right Out: 599.340 $\pm$ 0.112 χ^2 /NDF: 0.0/19

Left In: 633.317 $\pm$ 0.527 χ^2 /NDF: 0.0/0

599.340 $\pm$ 0.118 χ^2 /NDF: 0.0/17

600.802 $\pm$ 0.109 χ^2 /NDF: 3974.2/20

asym_sam_15_48_dd_mean vs Slug



Right In: -219.315+/-172.344 χ^2/NDF : 0.0/16

Left Out: -219.315+/-710.592 χ^2/NDF : 0.0/0

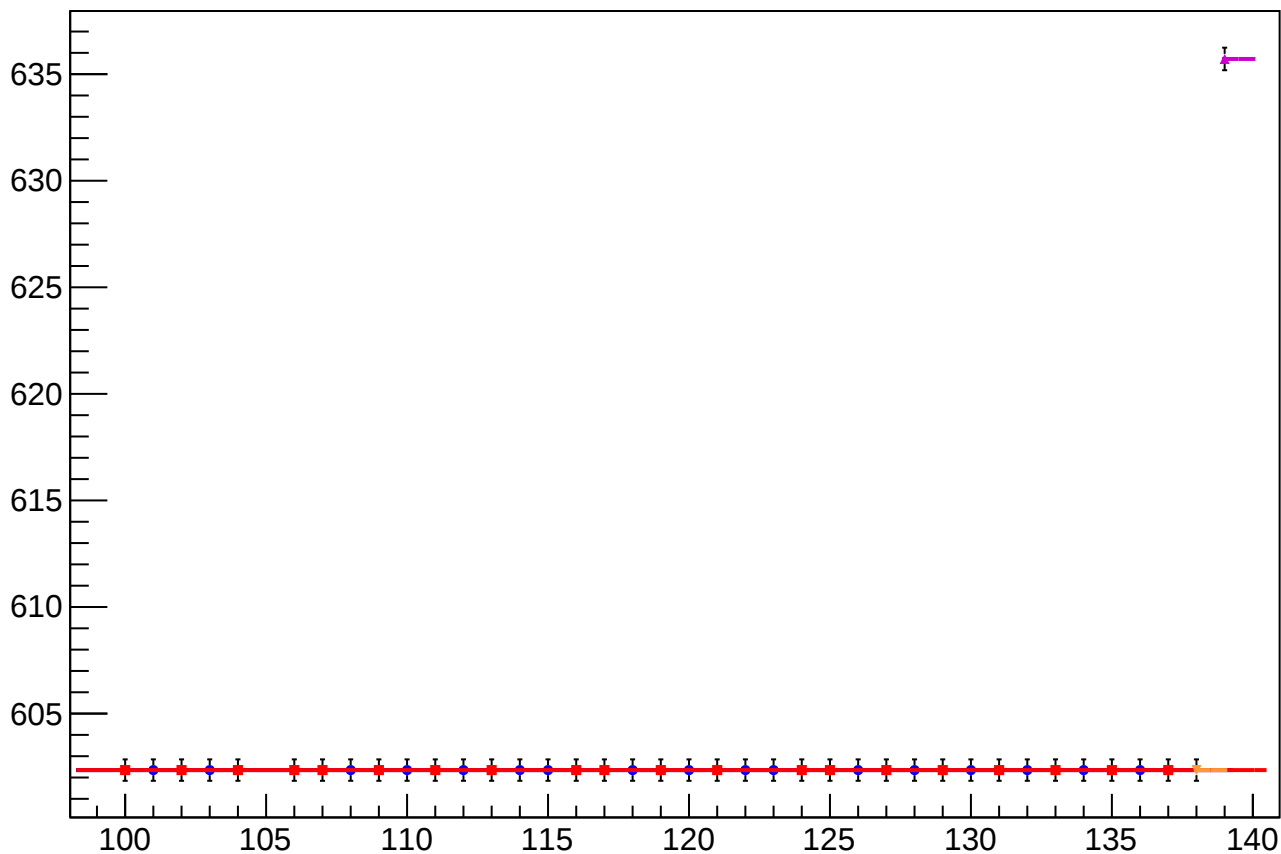
Right Out: -219.315+/-158.893 χ^2/NDF : 0.0/19

Left In: -1281.269+/-748.427 χ^2/NDF : 0.0/0

-219.315+/-167.488 χ^2/NDF : 0.0/17

-265.116+/-155.429 χ^2/NDF : 1.9/20

asym_sam_15_48_dd_rms vs Slug



Right In: 602.349 $\pm$ 0.122 χ^2 /NDF: 0.0/16

Left Out: 602.349 $\pm$ 0.502 χ^2 /NDF: 0.0/0

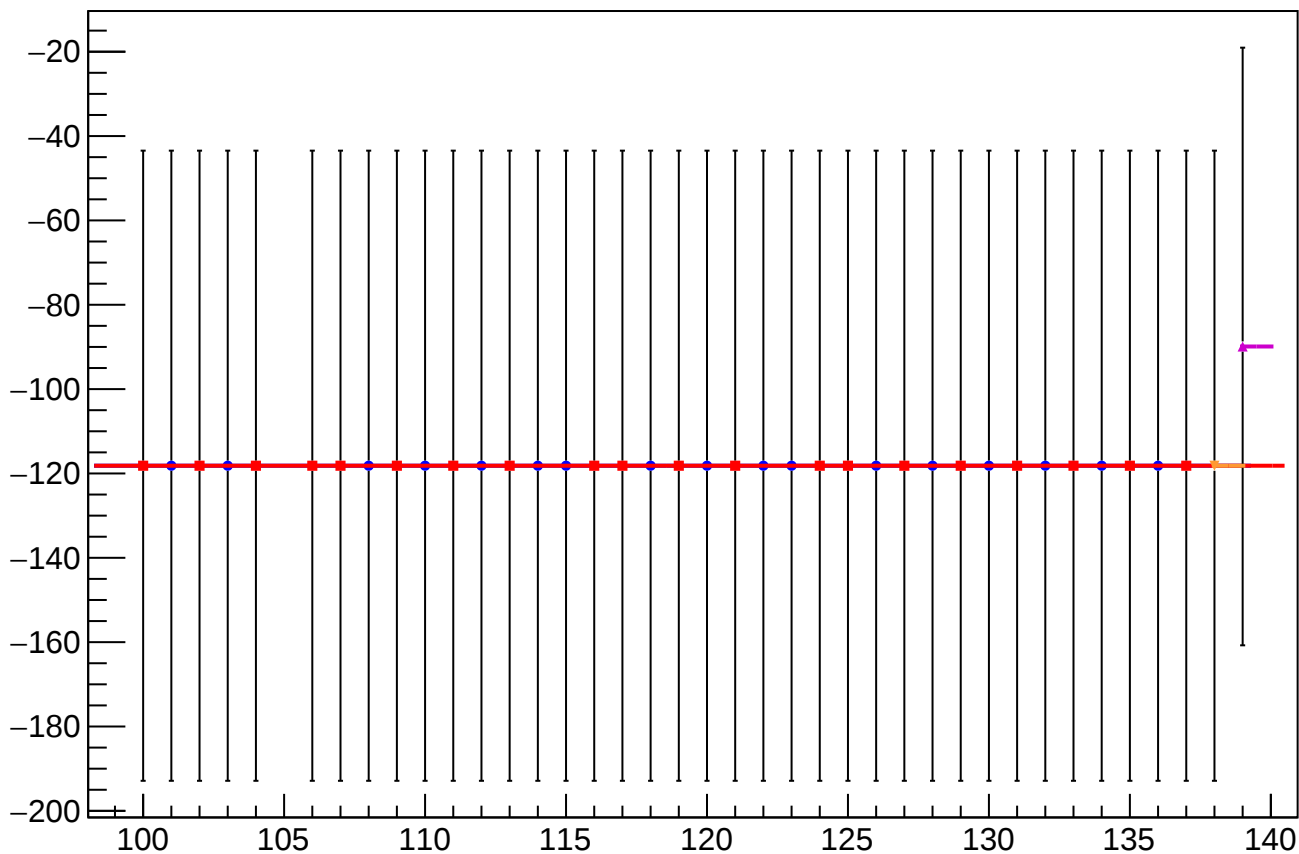
Right Out: 602.349 $\pm$ 0.112 χ^2 /NDF: 0.0/19

Left In: 635.714 $\pm$ 0.529 χ^2 /NDF: 0.0/0

602.349 $\pm$ 0.118 χ^2 /NDF: 0.0/17

603.788 $\pm$ 0.110 χ^2 /NDF: 3803.5/20

reg_asym_sam_37_48_dd_mean vs Slug



Right In: -118.166+/-18.119 χ^2/NDF : 0.0/16

Left Out: -118.166+/-74.707 χ^2/NDF : 0.0/0

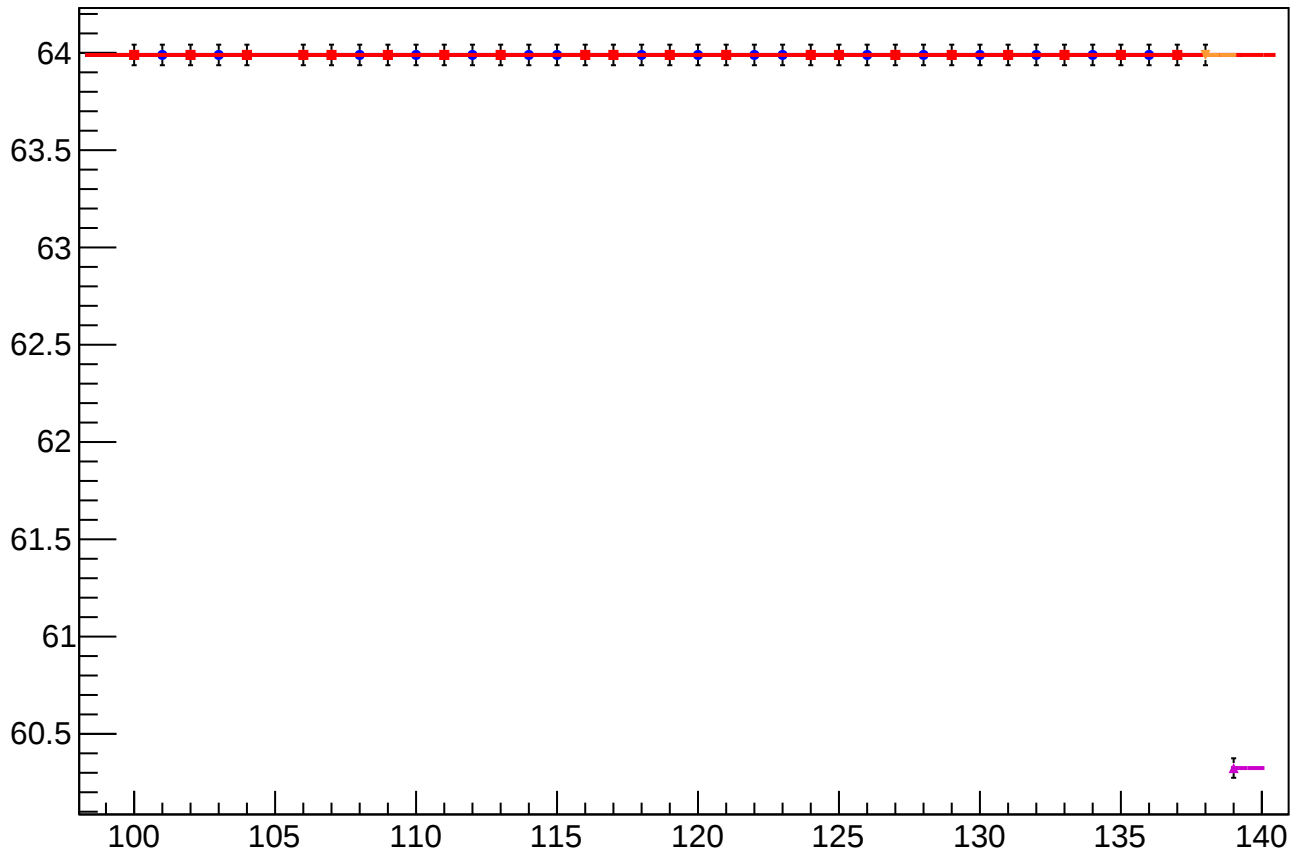
Right Out: -118.166+/-16.705 χ^2/NDF : 0.0/19

Left In: -89.896+/-70.855 χ^2/NDF : 0.0/0

-118.166+/-17.609 χ^2/NDF : 0.0/17

-116.677+/-16.259 χ^2/NDF : 0.2/20

reg_asym_sam_37_48_dd_rms vs Slug



Right In: 63.989 $\pm$ 0.013 χ^2 /NDF: 0.0/16

Left Out: 63.989 $\pm$ 0.053 χ^2 /NDF: 0.0/0

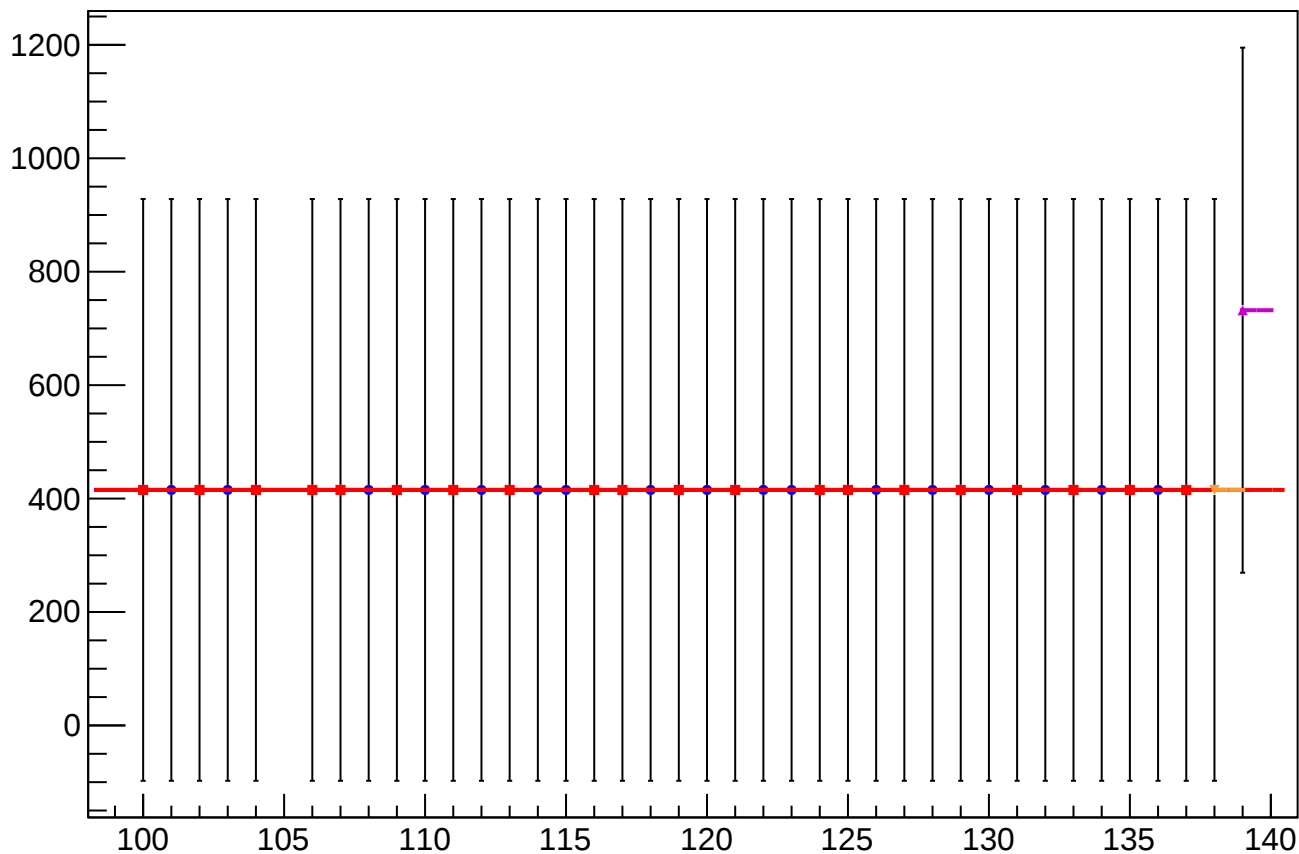
Right Out: 63.989 $\pm$ 0.012 χ^2 /NDF: 0.0/19

Left In: 60.324 $\pm$ 0.050 χ^2 /NDF: 0.0/0

63.989 $\pm$ 0.012 χ^2 /NDF: 0.0/17

63.796 $\pm$ 0.011 χ^2 /NDF: 5069.2/20

asym_sam_37_48_dd_correction_mean vs Slug



Right In: 415.260 $\pm$ 124.389 χ^2 /NDF: 0.0/16

Left Out: 415.260 $\pm$ 512.870 χ^2 /NDF: 0.0/0

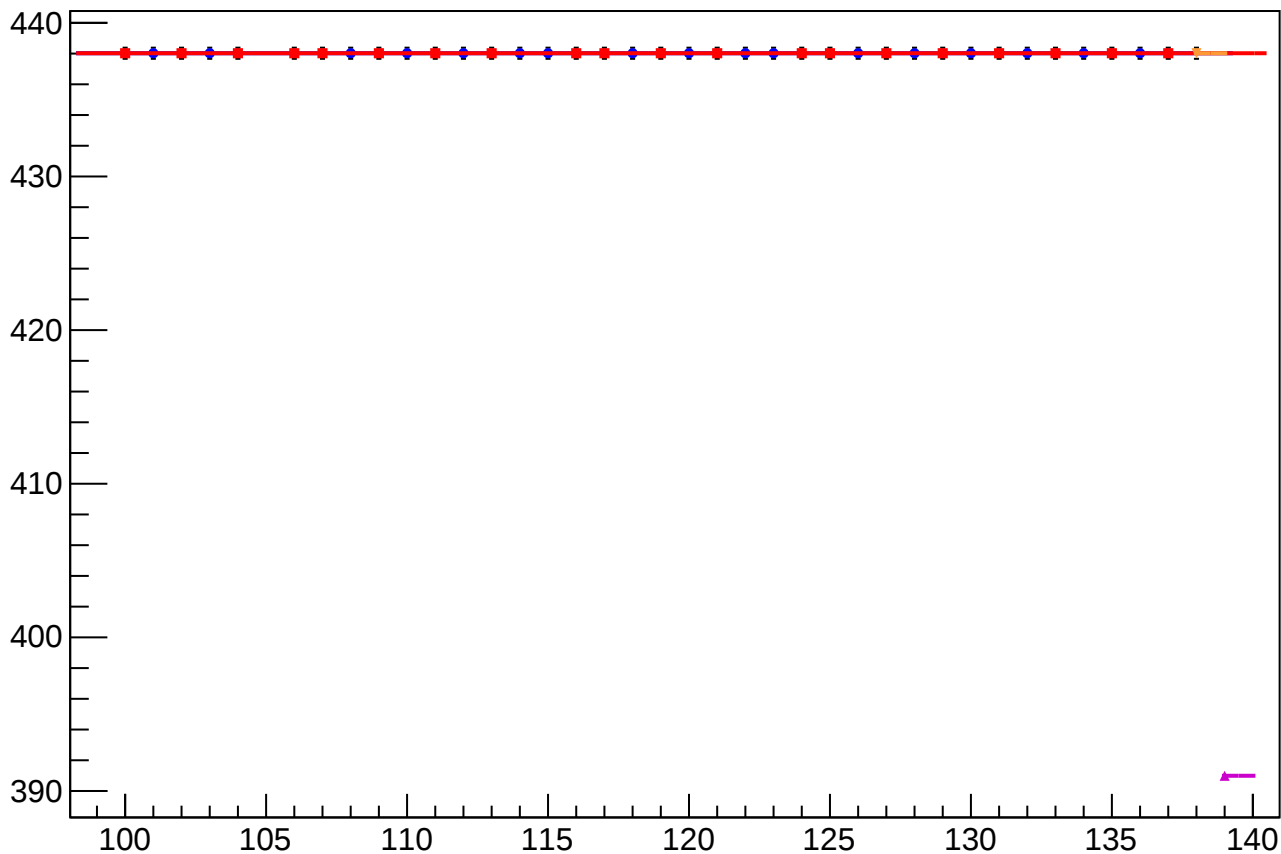
Right Out: 415.260 $\pm$ 114.681 χ^2 /NDF: 0.0/19

Left In: 732.152 $\pm$ 462.893 χ^2 /NDF: 0.0/0

415.260 $\pm$ 120.885 χ^2 /NDF: 0.0/17

433.586 $\pm$ 111.316 χ^2 /NDF: 0.4/20

asym_sam_37_48_dd_correction_rms vs Slug



Right In: 438.022 $\pm$ 0.088 χ^2 /NDF: 0.0/16

Left Out: 438.022 $\pm$ 0.363 χ^2 /NDF: 0.0/0

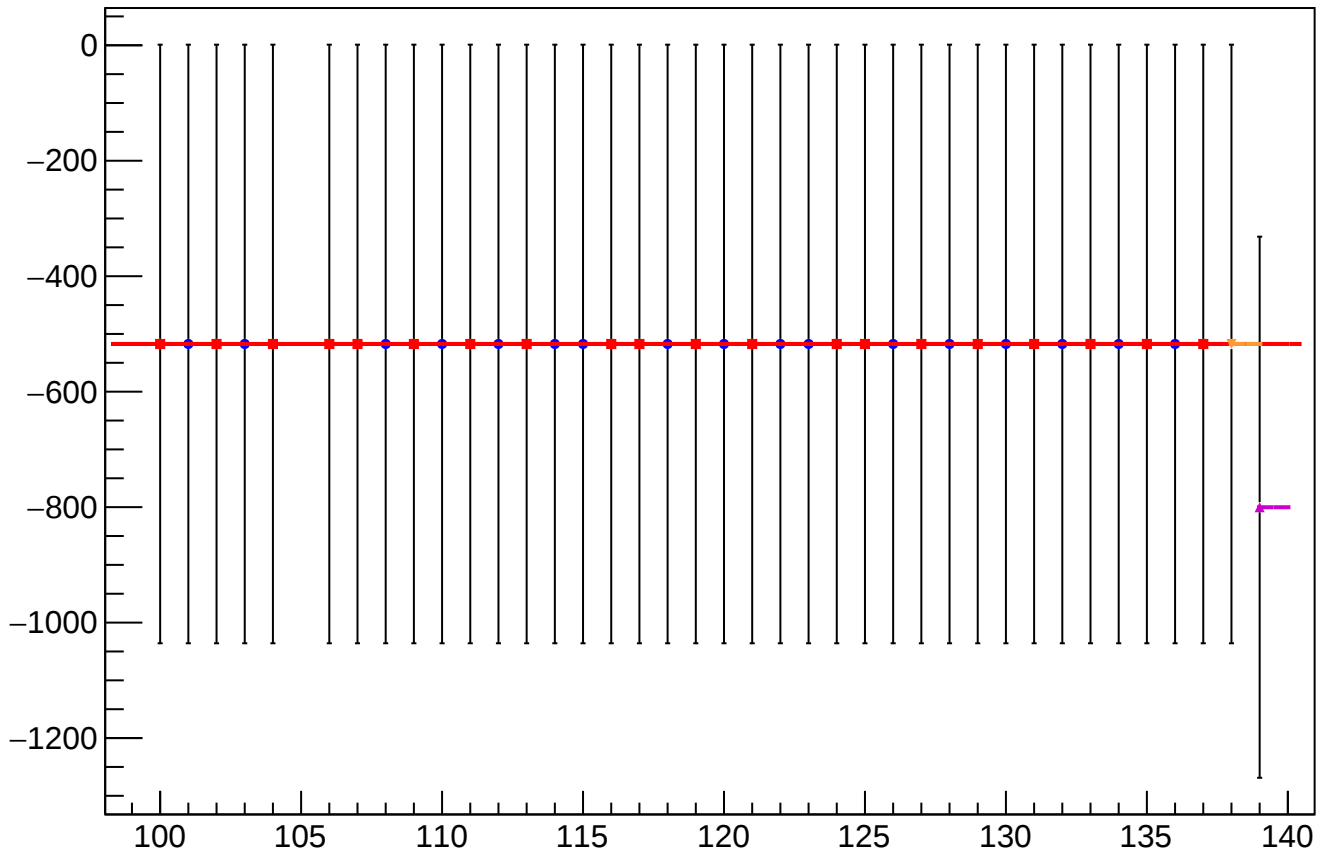
Right Out: 438.022 $\pm$ 0.081 χ^2 /NDF: 0.0/19

Left In: 390.991 $\pm$ 0.327 χ^2 /NDF: 0.0/0

438.022 $\pm$ 0.085 χ^2 /NDF: 0.0/17

435.302 $\pm$ 0.079 χ^2 /NDF: 19452.0/20

asym_sam_37_48_dd_mean vs Slug



Right In: -517.375+/-125.736 χ^2/NDF : 0.0/16

Left Out: -517.375+/-518.424 χ^2/NDF : 0.0/0

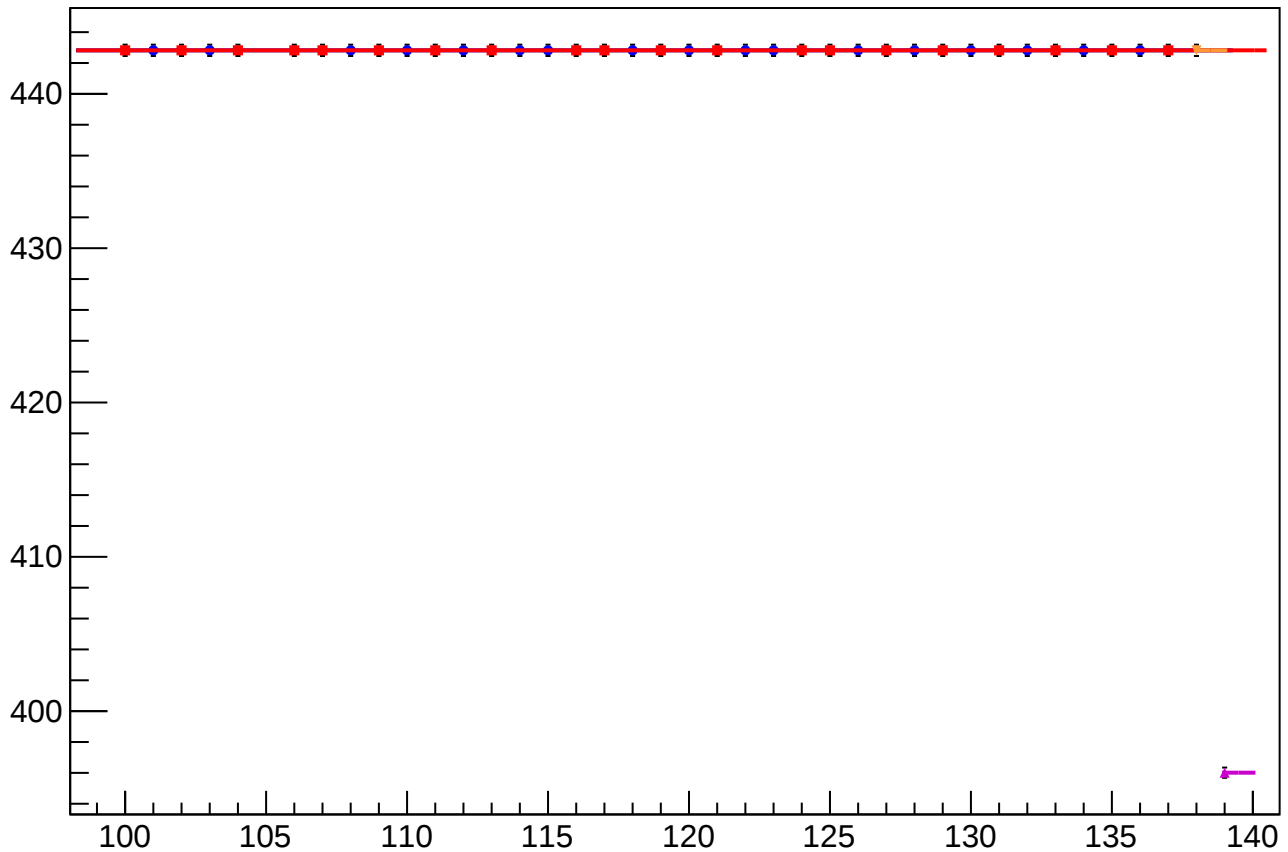
Right Out: -517.375+/-115.923 χ^2/NDF : 0.0/19

Left In: -800.159+/-468.645 χ^2/NDF : 0.0/0

-517.375+/-122.194 χ^2/NDF : 0.0/17

-533.680+/-112.532 χ^2/NDF : 0.3/20

asym_sam_37_48_dd_rms vs Slug



Right In: 442.822 $\pm$ 0.089 χ^2 /NDF: 0.0/16

Left Out: 442.822 $\pm$ 0.367 χ^2 /NDF: 0.0/0

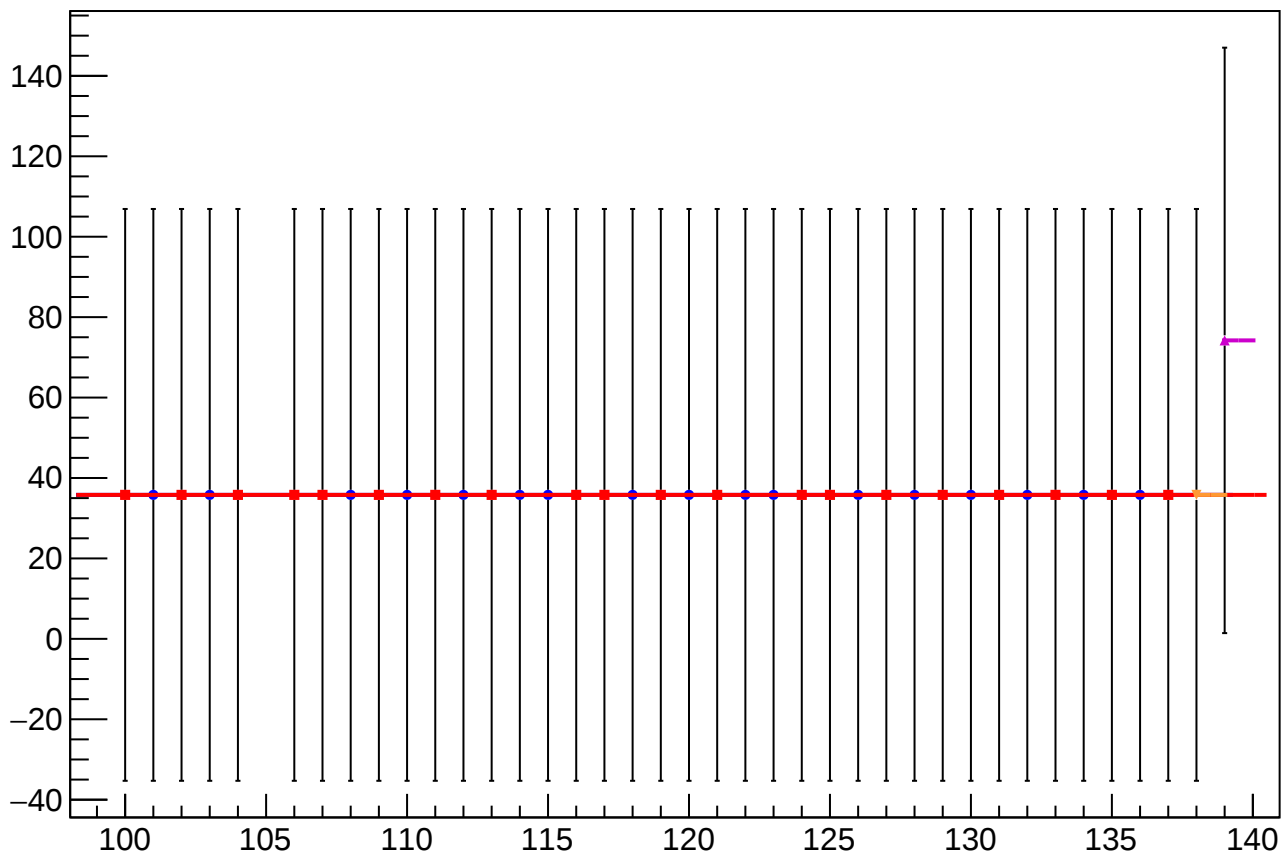
Right Out: 442.822 $\pm$ 0.082 χ^2 /NDF: 0.0/19

Left In: 396.013 $\pm$ 0.331 χ^2 /NDF: 0.0/0

442.822 $\pm$ 0.086 χ^2 /NDF: 0.0/17

440.123 $\pm$ 0.080 χ^2 /NDF: 18802.3/20

reg_asym_sam_15_26_dd_mean vs Slug



Right In: 35.799 $\pm$ 17.244 χ^2 /NDF: 0.0/16

35.799 $\pm$ 16.758 χ^2 /NDF: 0.0/17

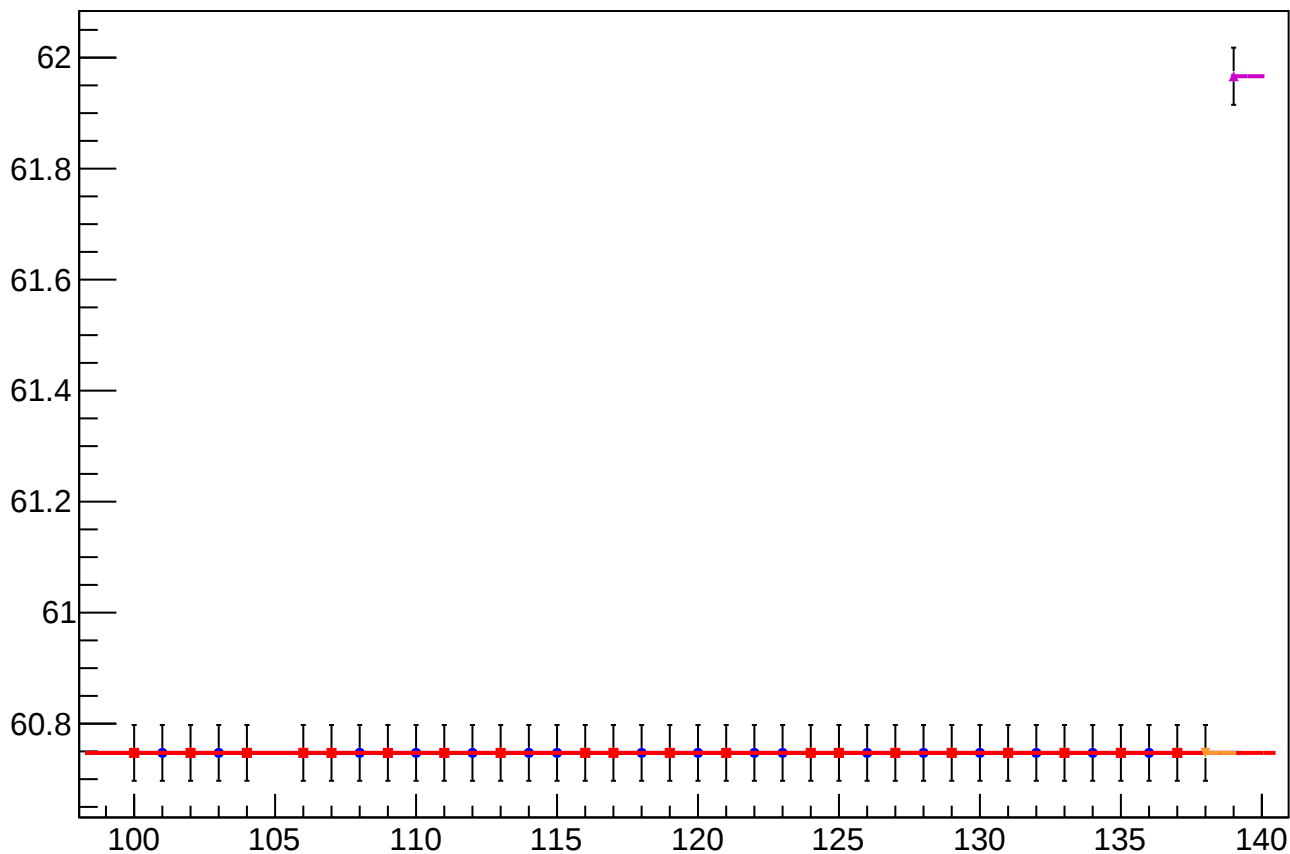
Left Out: 35.799 $\pm$ 71.100 χ^2 /NDF:0.0/0

Right Out: 35.799 $\pm$ 15.898 χ^2 /NDF: 0.0/19

37.549 $\pm$ 15.532 χ^2 /NDF: 0.3/20

Left In: 74.219 $\pm$ 72.793 χ^2 /NDF:0.0/0

reg_asym_sam_15_26_dd_rms vs Slug



Right In: 60.747 $\pm$ 0.012 χ^2 /NDF: 0.0/16

Left Out: 60.747 $\pm$ 0.050 χ^2 /NDF: 0.0/0

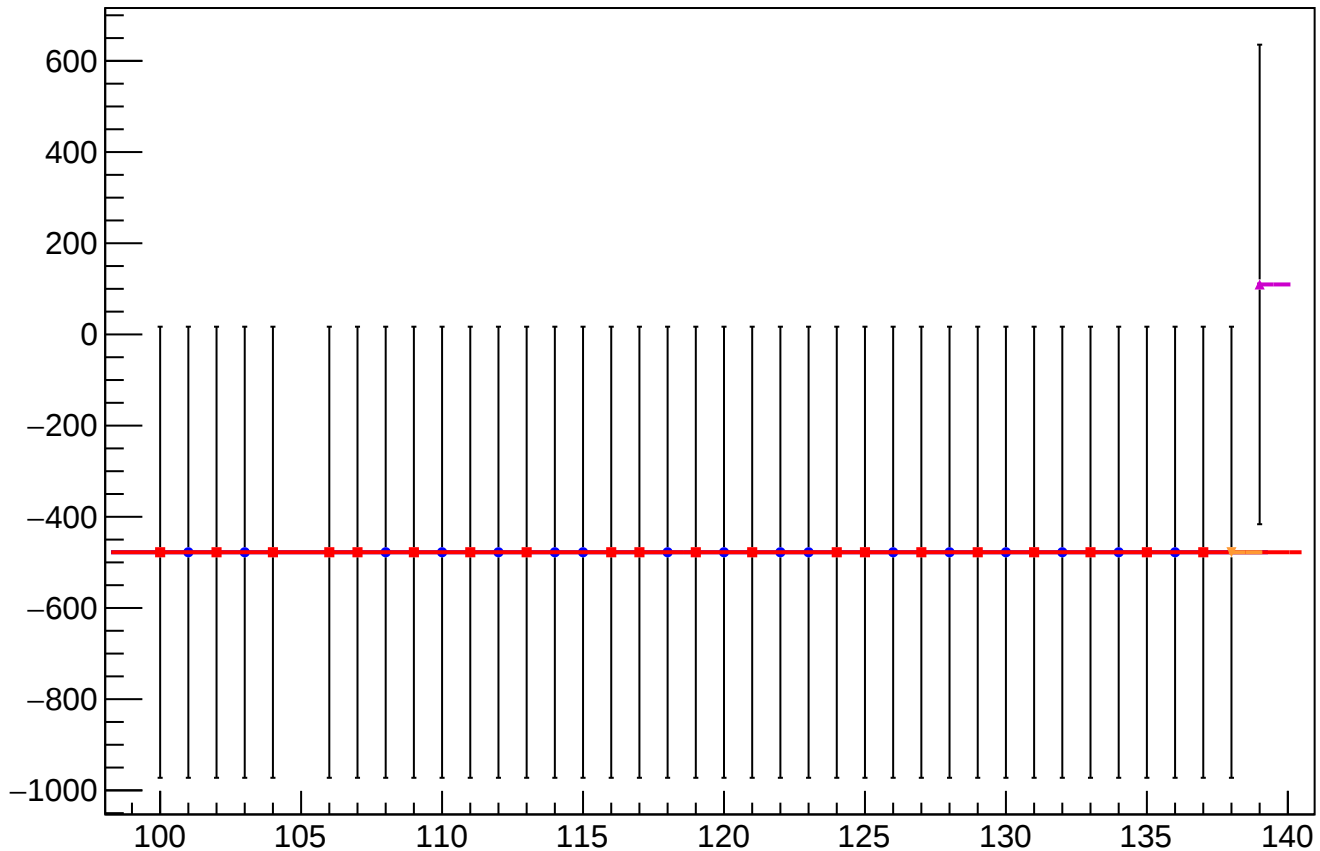
Right Out: 60.747 $\pm$ 0.011 χ^2 /NDF: 0.0/19

Left In: 61.966 $\pm$ 0.051 χ^2 /NDF: 0.0/0

60.747 $\pm$ 0.012 χ^2 /NDF: 0.0/17

60.803 $\pm$ 0.011 χ^2 /NDF: 535.5/20

asym_sam_15_26_dd_correction_mean vs Slug



Right In: -477.757+/-119.983 χ^2/NDF : 0.0/16

Left Out: -477.757+/-494.704 χ^2/NDF : 0.0/0

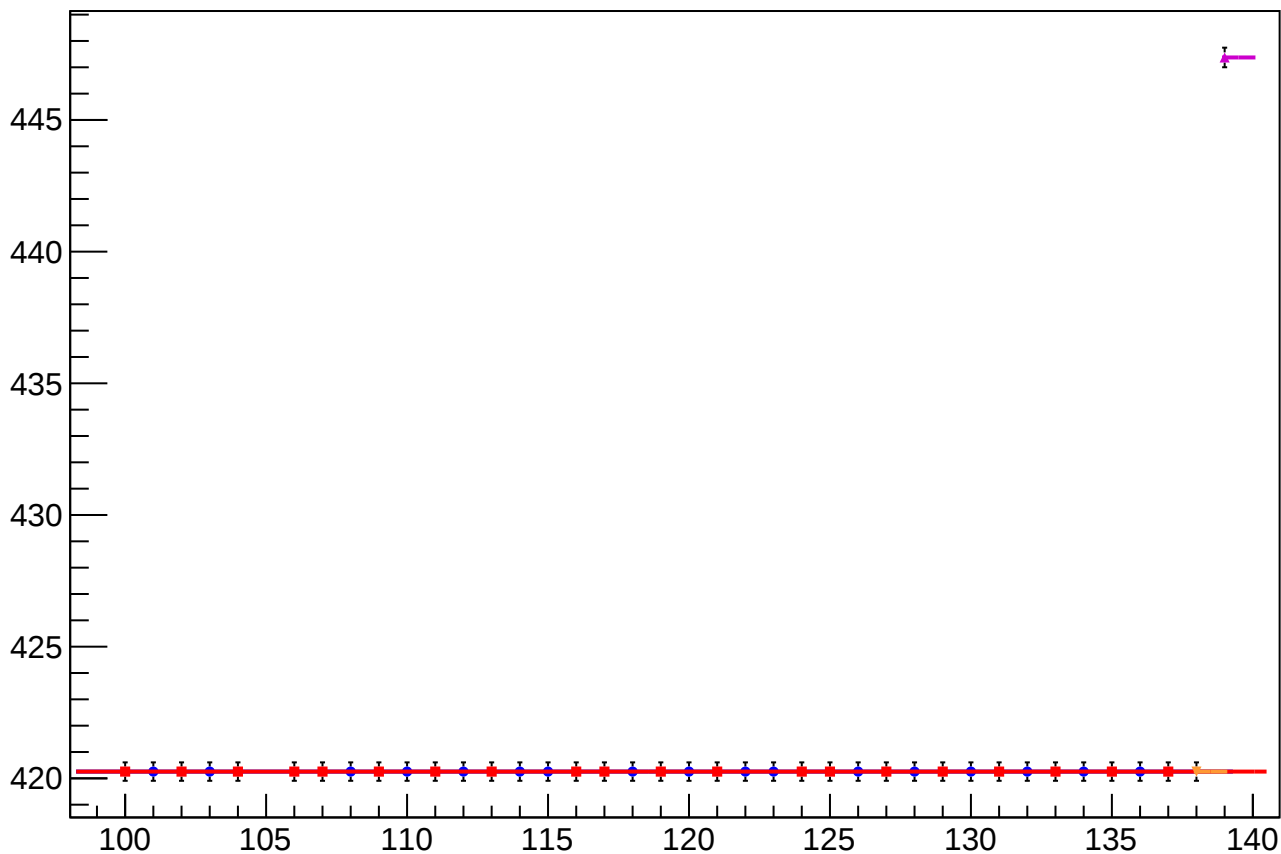
Right Out: -477.757+/-110.619 χ^2/NDF : 0.0/19

Left In: 109.630+/-525.911 χ^2/NDF : 0.0/0

-477.757+/-116.603 χ^2/NDF : 0.0/17

-452.871+/-108.251 χ^2/NDF : 1.2/20

asym_sam_15_26_dd_correction_rms vs Slug



Right In: 420.257 $\pm$ 0.085 χ^2 /NDF: 0.0/16

Left Out: 420.257 $\pm$ 0.350 χ^2 /NDF: 0.0/0

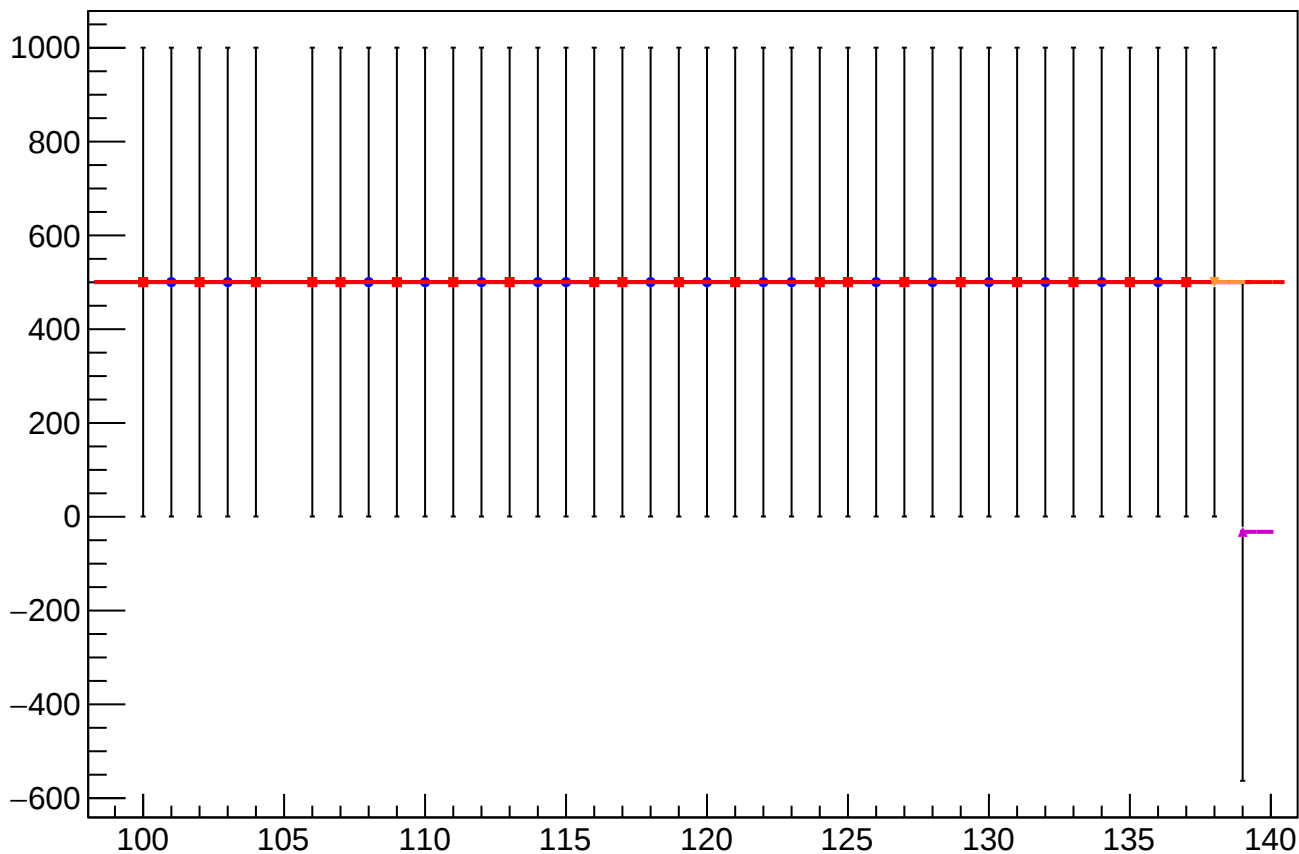
Right Out: 420.257 $\pm$ 0.078 χ^2 /NDF: 0.0/19

Left In: 447.373 $\pm$ 0.372 χ^2 /NDF: 0.0/0

420.257 $\pm$ 0.082 χ^2 /NDF: 0.0/17

421.406 $\pm$ 0.077 χ^2 /NDF: 5091.8/20

asym_sam_15_26_dd_mean vs Slug



Right In: 500.448 $\pm$ 121.238 χ^2 /NDF: 0.0/16

Left Out: 500.448 $\pm$ 499.876 χ^2 /NDF:0.0/0

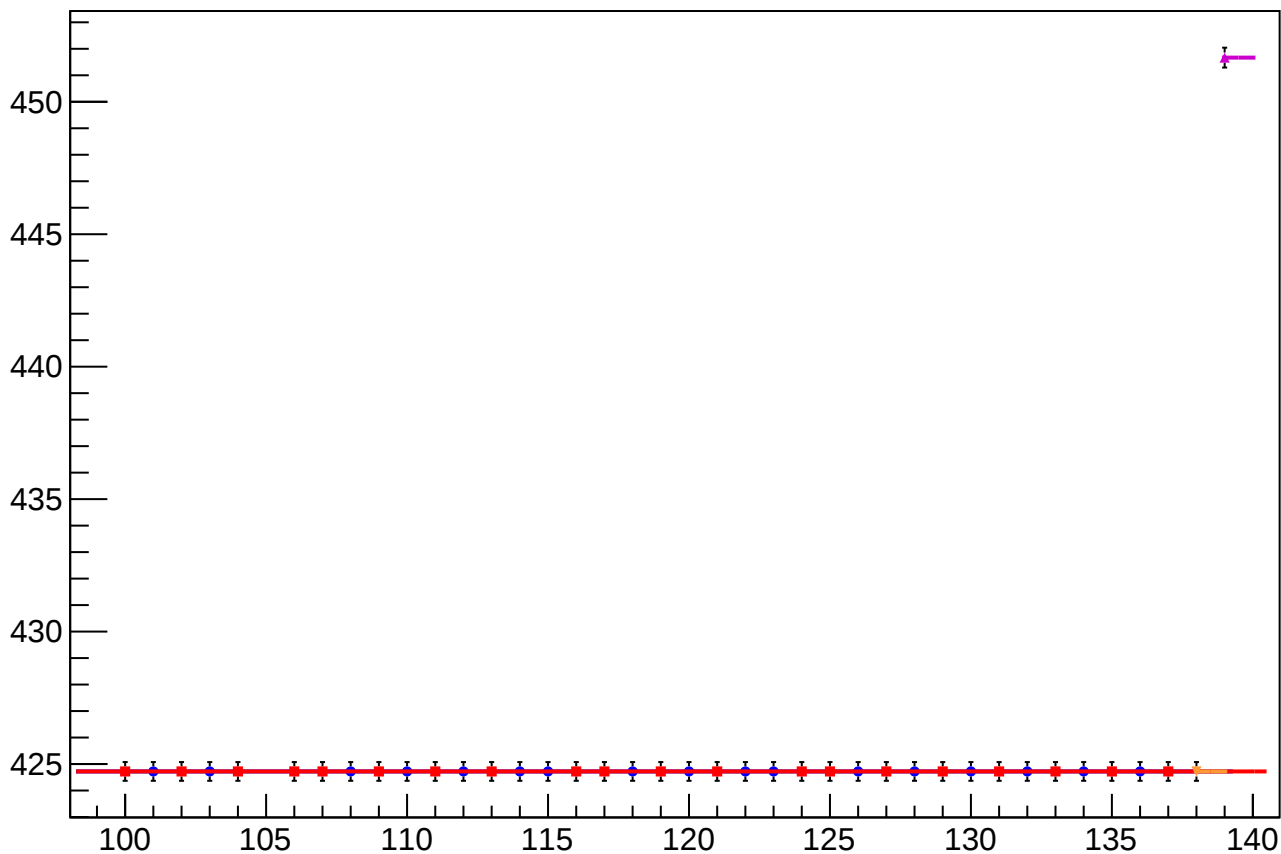
Right Out: 500.448 $\pm$ 111.776 χ^2 /NDF: 0.0/19

Left In: -32.054 $\pm$ 530.946 χ^2 /NDF:0.0/0

500.448 $\pm$ 117.822 χ^2 /NDF: 0.0/17

477.849 $\pm$ 109.378 χ^2 /NDF: 1.0/20

asym_sam_15_26_dd_rms vs Slug



Right In: 424.721+/-0.086 χ^2/NDF : 0.0/16

Left Out: 424.721+/-0.353 χ^2/NDF : 0.0/0

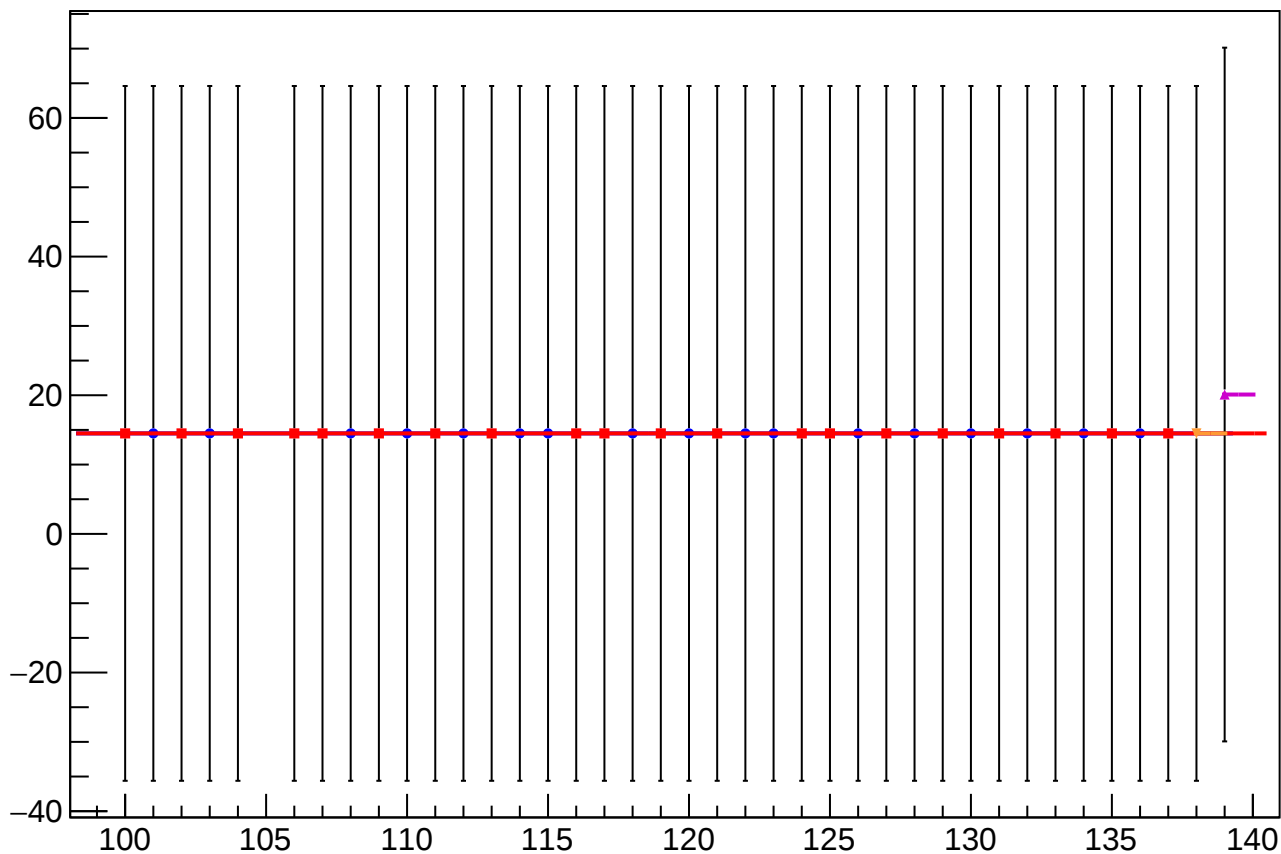
Right Out: 424.721+/-0.079 χ^2/NDF : 0.0/19

Left In: 451.667+/-0.375 χ^2/NDF : 0.0/0

424.721+/-0.083 χ^2/NDF : 0.0/17

425.864+/-0.077 χ^2/NDF : 4932.9/20

reg_asym_sam_37_26_dd_mean vs Slug



Right In: 14.497 $\pm$ 12.154 χ^2 /NDF: 0.0/16

Left Out: 14.497 $\pm$ 50.112 χ^2 /NDF: 0.0/0

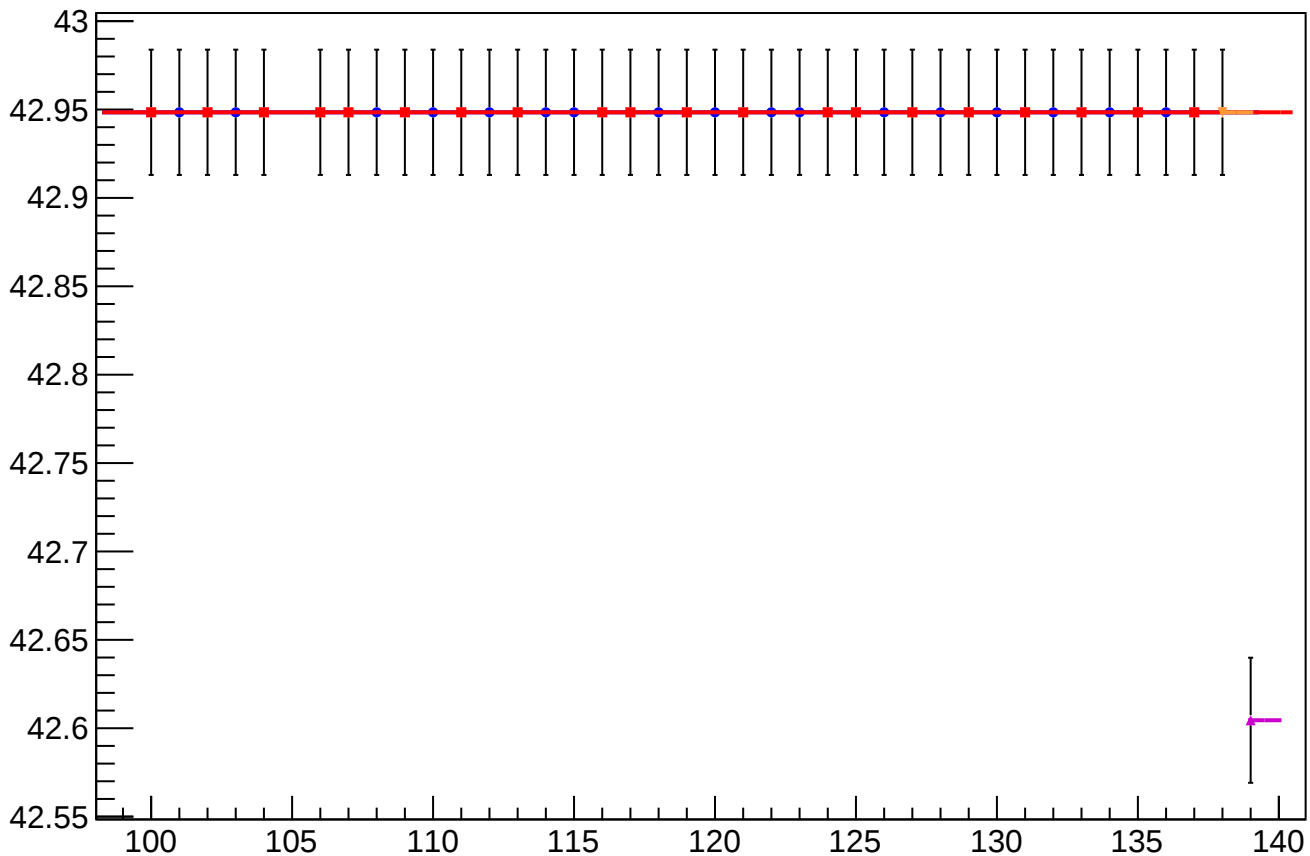
Right Out: 14.497 $\pm$ 11.205 χ^2 /NDF: 0.0/19

Left In: 20.102 $\pm$ 50.034 χ^2 /NDF: 0.0/0

14.497 $\pm$ 11.811 χ^2 /NDF: 0.0/17

14.765 $\pm$ 10.934 χ^2 /NDF: 0.0/20

reg_asym_sam_37_26_dd_rms vs Slug



Right In: 42.948 $\pm$ 0.009 χ^2 /NDF: 0.0/16

Left Out: 42.948 $\pm$ 0.035 χ^2 /NDF: 0.0/0

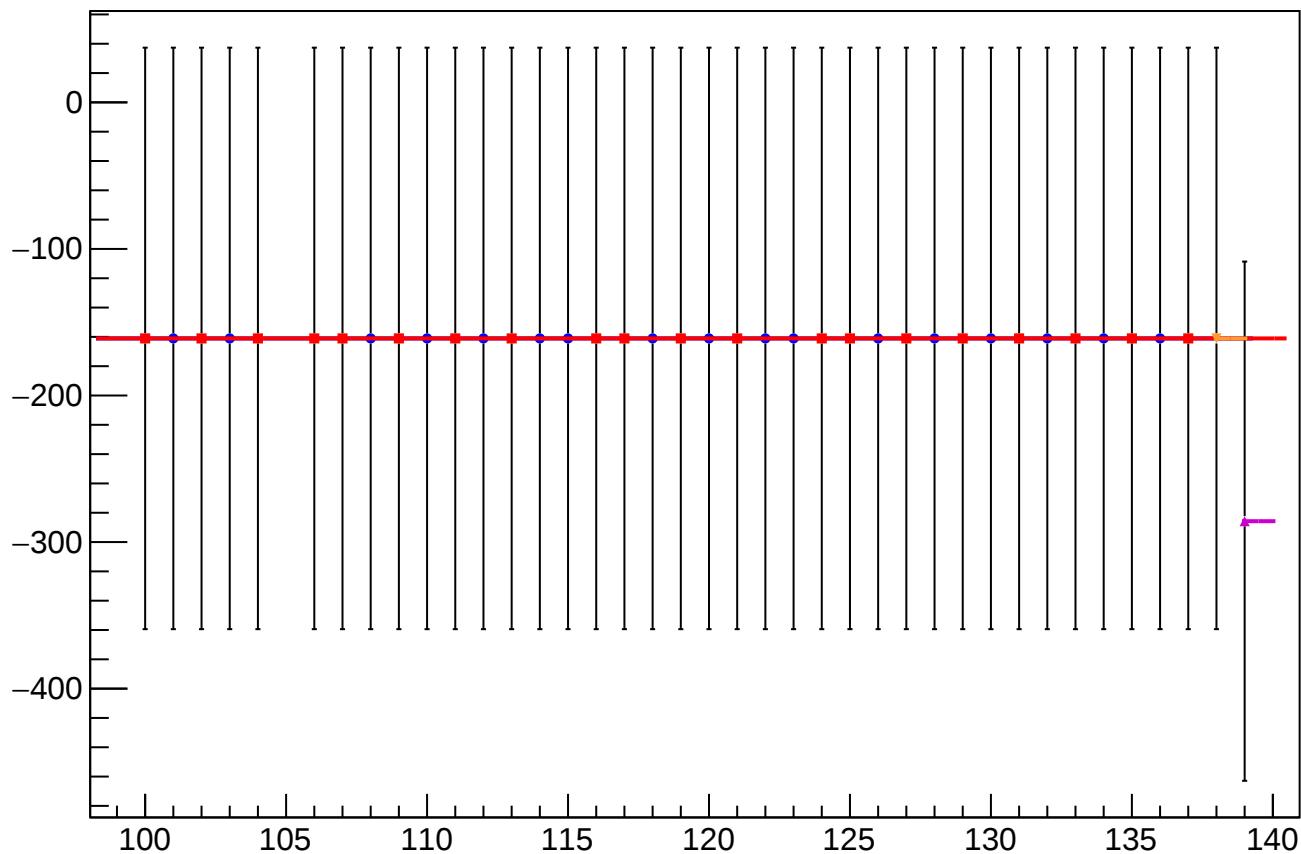
Right Out: 42.948 $\pm$ 0.008 χ^2 /NDF: 0.0/19

Left In: 42.605 $\pm$ 0.035 χ^2 /NDF: 0.0/0

42.948 $\pm$ 0.008 χ^2 /NDF: 0.0/17

42.932 $\pm$ 0.008 χ^2 /NDF: 90.0/20

asym_sam_37_26_dd_correction_mean vs Slug



Right In: -161.053+/-48.113 χ^2/NDF : 0.0/16

Left Out: -161.053+/-198.376 χ^2/NDF : 0.0/0

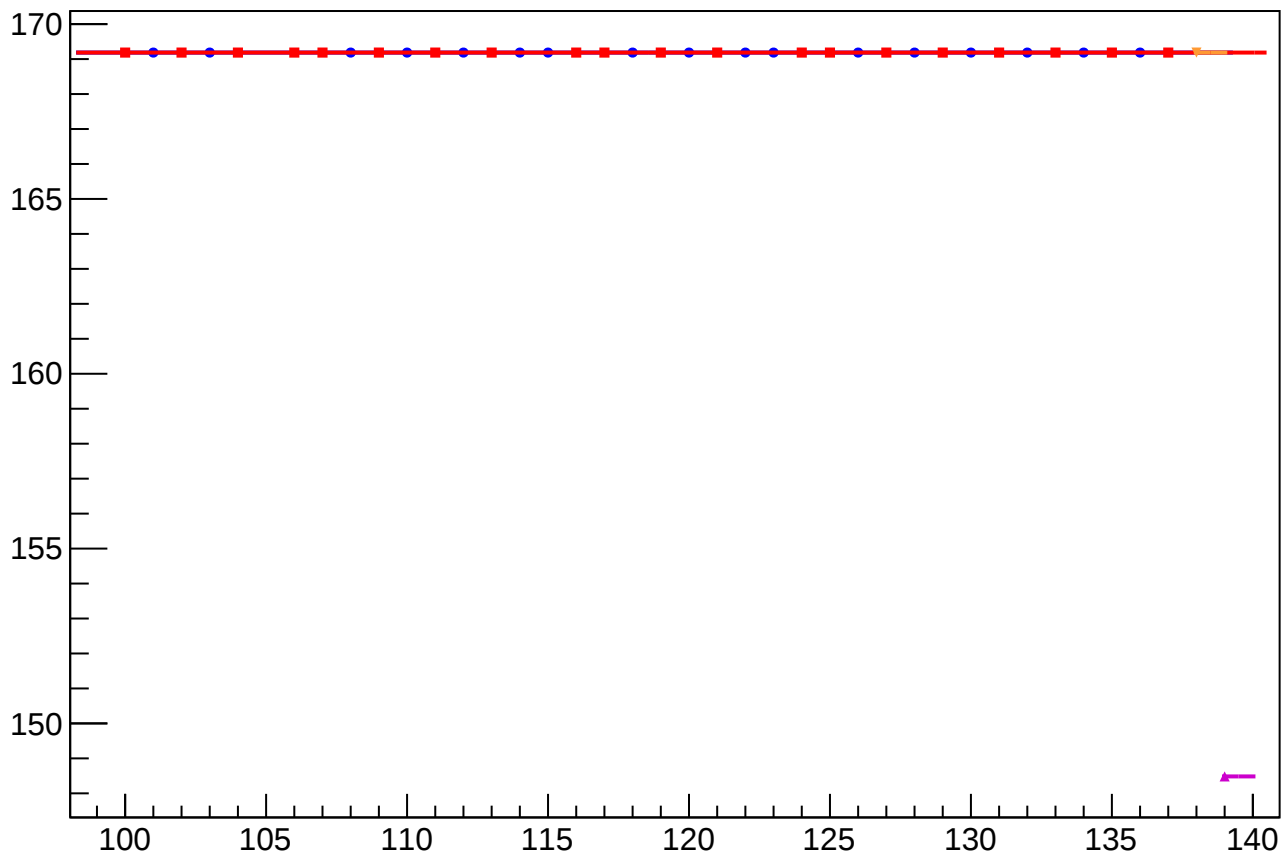
Right Out: -161.053+/-44.358 χ^2/NDF : 0.0/19

Left In: -285.755+/-177.131 χ^2/NDF : 0.0/0

-161.053+/-46.758 χ^2/NDF : 0.0/17

-168.412+/-43.030 χ^2/NDF : 0.5/20

asym_sam_37_26_dd_correction_rms vs Slug



Right In: 169.186 $\pm$ 0.034 χ^2 /NDF: 0.0/16

Left Out: 169.186 $\pm$ 0.140 χ^2 /NDF: 0.0/0

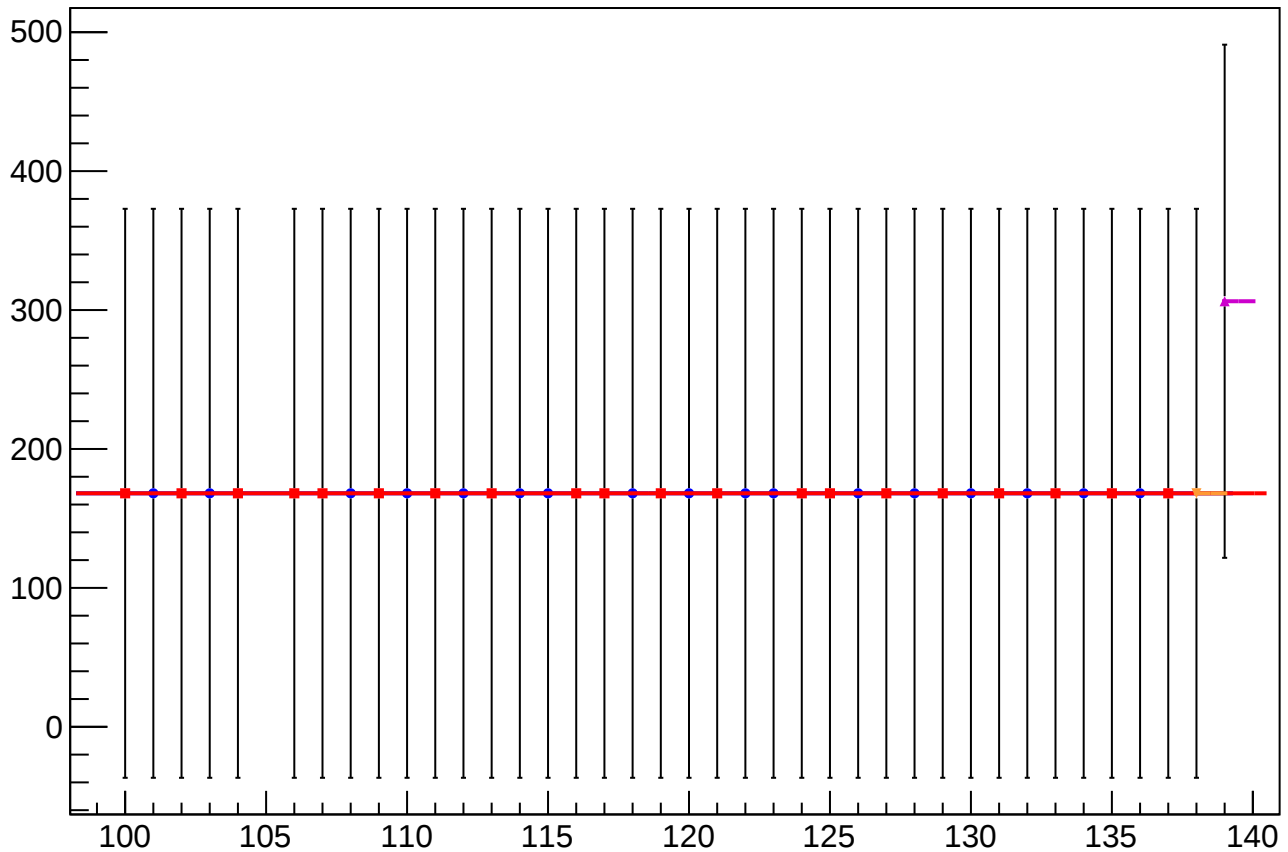
Right Out: 169.186 $\pm$ 0.031 χ^2 /NDF: 0.0/19

Left In: 148.484 $\pm$ 0.125 χ^2 /NDF: 0.0/0

169.186 $\pm$ 0.033 χ^2 /NDF: 0.0/17

167.964 $\pm$ 0.030 χ^2 /NDF: 25706.6/20

asym_sam_37_26_dd_mean vs Slug



Right In: 168.090 $\pm$ 49.667 χ^2 /NDF: 0.0/16

Left Out: 168.090 $\pm$ 204.783 χ^2 /NDF: 0.0/0

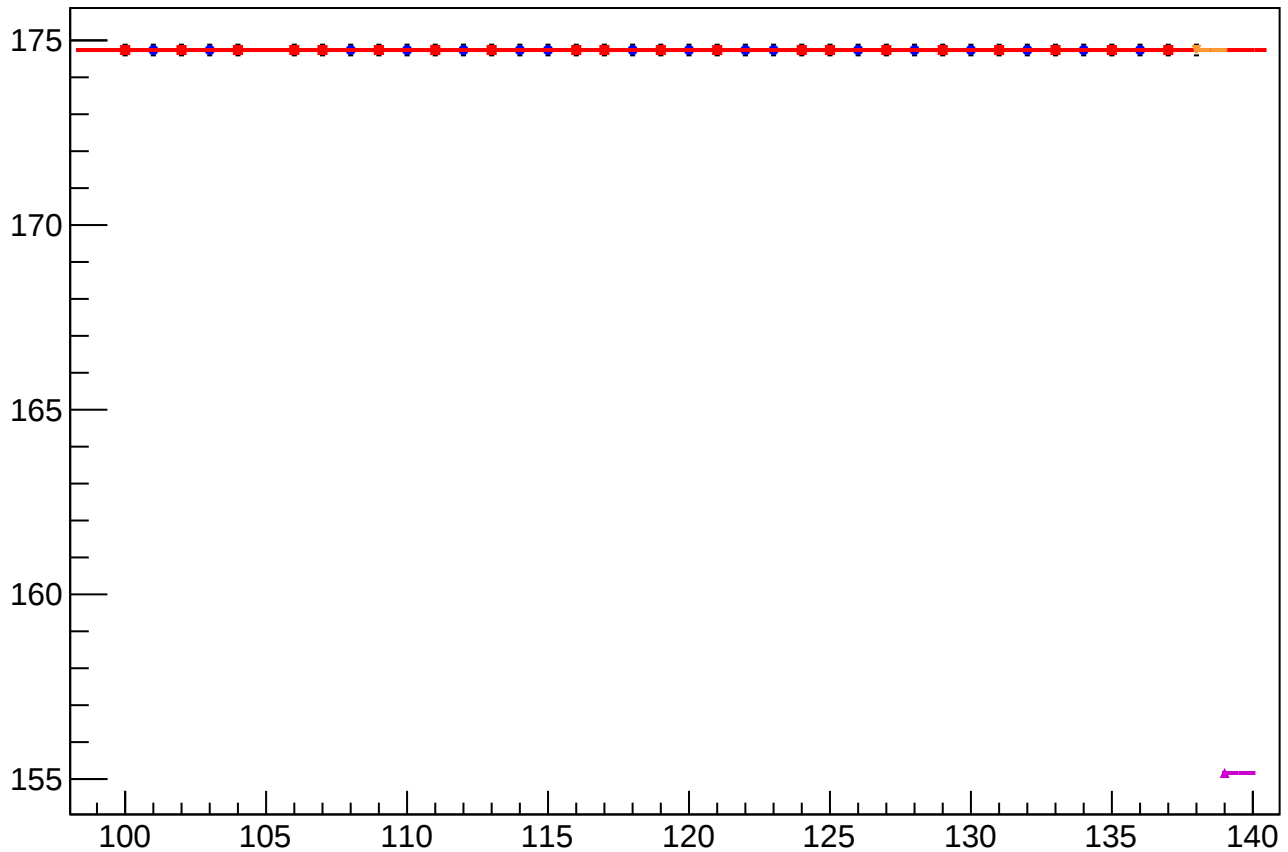
Right Out: 168.090 $\pm$ 45.791 χ^2 /NDF: 0.0/19

Left In: 306.336 $\pm$ 184.686 χ^2 /NDF: 0.0/0

168.090 $\pm$ 48.268 χ^2 /NDF: 0.0/17

176.096 $\pm$ 44.445 χ^2 /NDF: 0.5/20

asym_sam_37_26_dd_rms vs Slug



Right In: 174.739 $\pm$ 0.035 χ^2 /NDF: 0.0/16

Left Out: 174.739 $\pm$ 0.145 χ^2 /NDF: 0.0/0

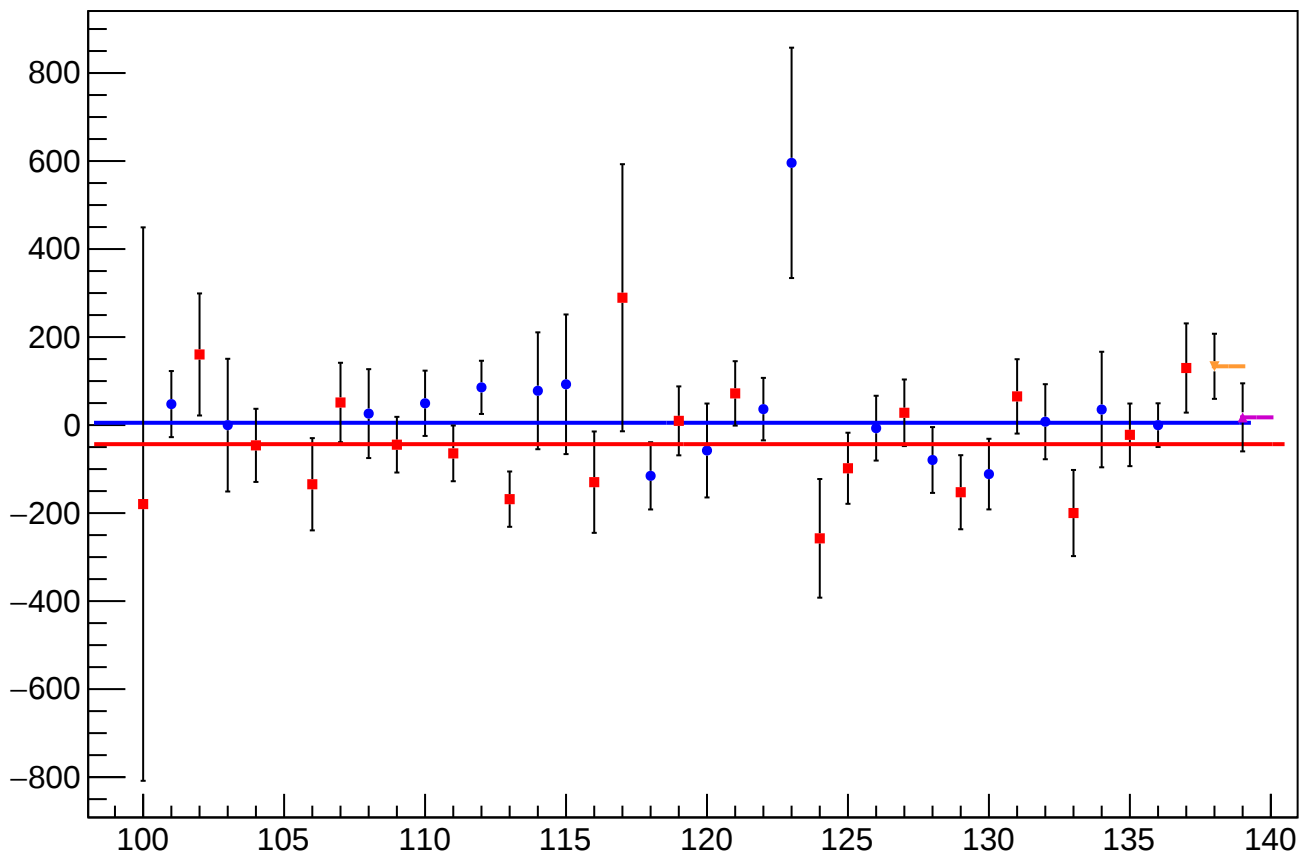
Right Out: 174.739 $\pm$ 0.032 χ^2 /NDF: 0.0/19

Left In: 155.164 $\pm$ 0.131 χ^2 /NDF: 0.0/0

174.739 $\pm$ 0.034 χ^2 /NDF: 0.0/17

173.605 $\pm$ 0.031 χ^2 /NDF: 21166.2/20

reg_asym_sam_1357_avg_mean vs Slug



Right In: 5.220 $\pm$ 20.150 χ^2 /NDF: 14.7/16

Left Out: 133.550 $\pm$ 73.971 χ^2 /NDF: 0.0/0

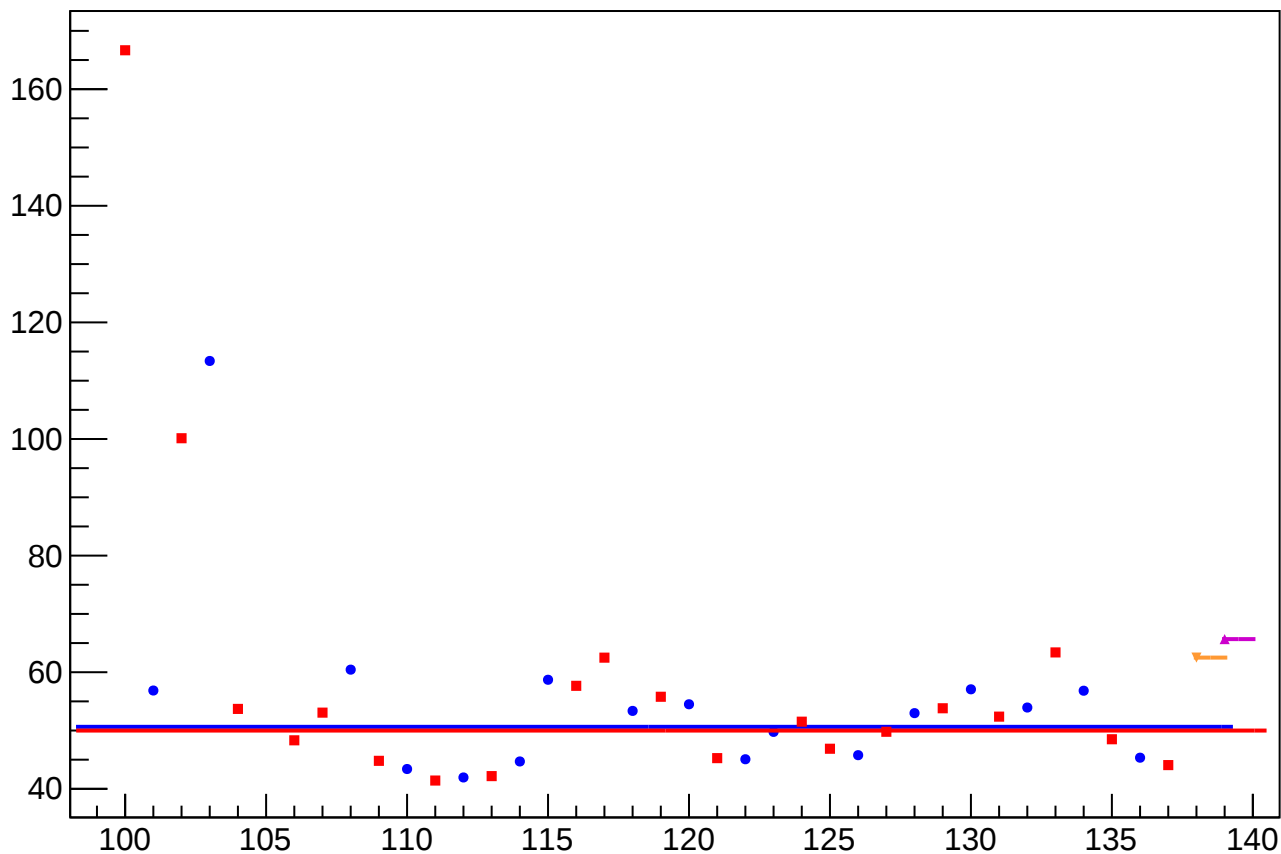
Right Out: -43.354 $\pm$ 19.371 χ^2 /NDF: 25.6/19

Left In: 17.544 $\pm$ 77.325 χ^2 /NDF: 0.0/0

14.085 $\pm$ 19.442 χ^2 /NDF: 17.5/17

-39.758 $\pm$ 18.790 χ^2 /NDF: 26.2/20

reg_asym_sam_1357_avg_rms vs Slug



Right In: 50.635 $\pm$ 0.014 χ^2 /NDF: 519687.1/16

Left Out: 62.509 $\pm$ 0.052 χ^2 /NDF: 0.0/0

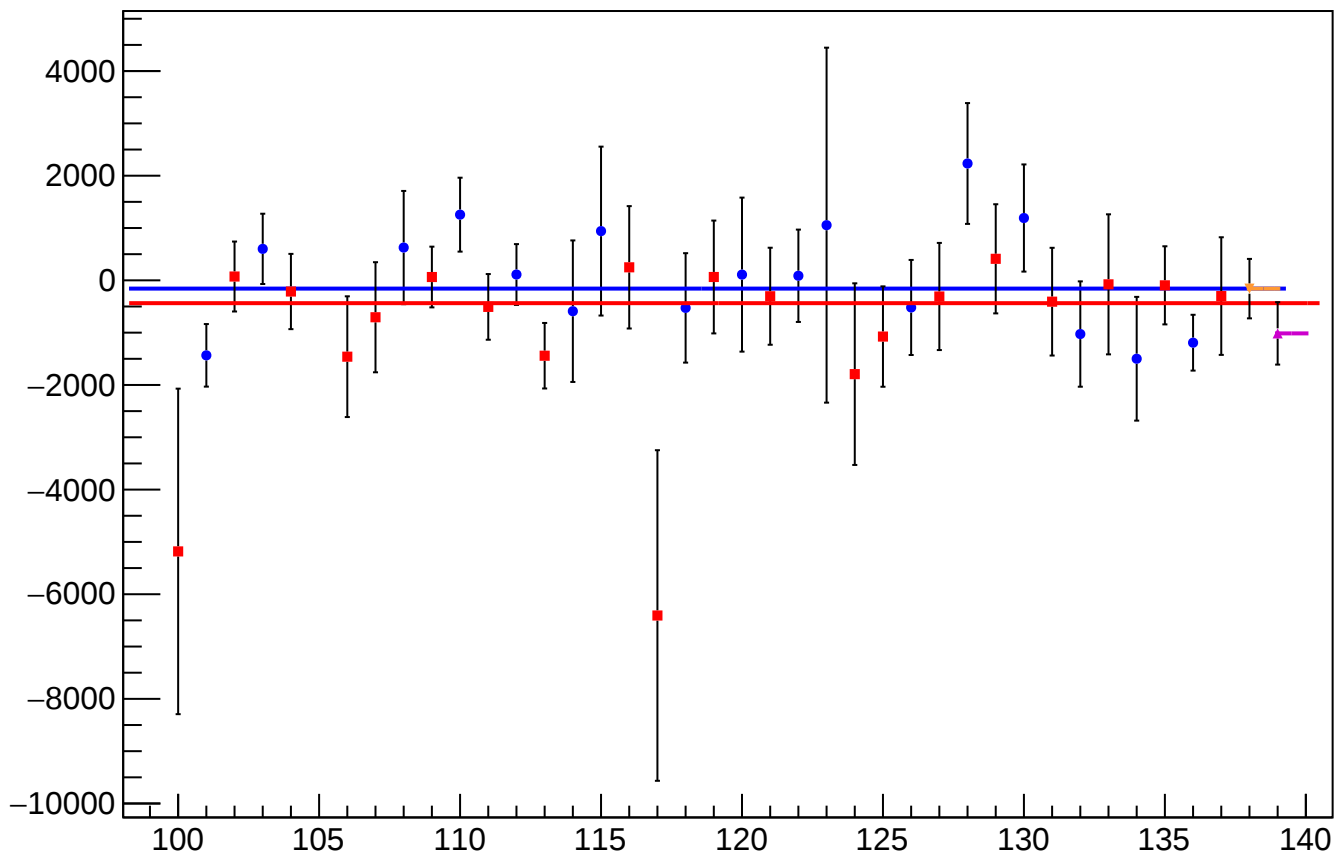
Right Out: 49.994 $\pm$ 0.014 χ^2 /NDF: 503898.1/19

Left In: 65.680 $\pm$ 0.055 χ^2 /NDF: 0.0/0

51.455 $\pm$ 0.014 χ^2 /NDF: 567661.0/17

50.920 $\pm$ 0.013 χ^2 /NDF: 581339.6/20

asym_sam_1357_avg_correction_mean vs Slug



Right In: -158.001+/-210.181 χ^2/NDF : 23.5/16

Left Out: -158.724+/-568.257 χ^2/NDF : 0.0/0

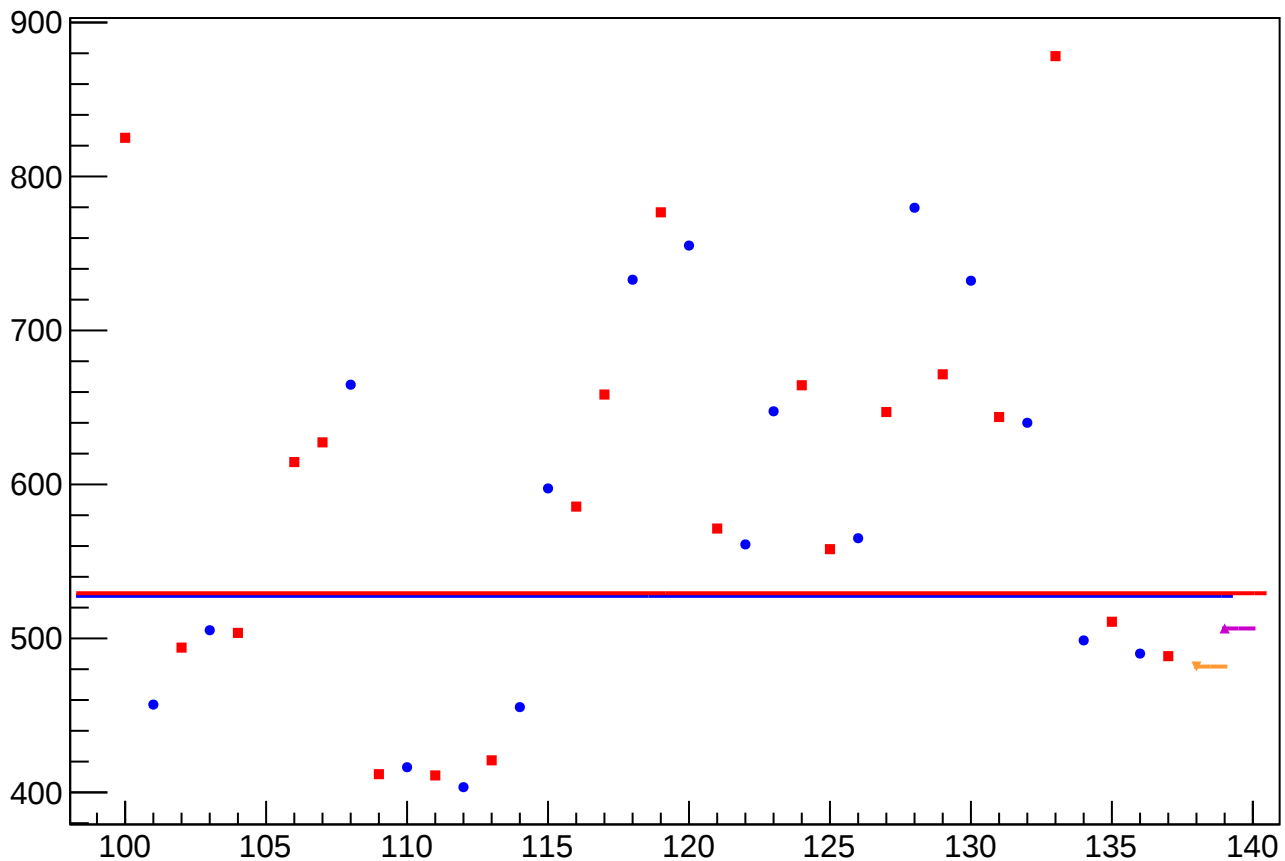
Right Out: -436.410+/-203.212 χ^2/NDF : 13.4/19

Left In: -1014.299+/-596.435 χ^2/NDF : 0.0/0

-158.088+/-197.129 χ^2/NDF : 23.5/17

-496.516+/-192.354 χ^2/NDF : 14.2/20

asym_sam_1357_avg_correction_rms vs Slug



Right In: 527.663+/-0.149 χ^2/NDF : 557423.6/16

Left Out: 481.725+/-0.402 χ^2/NDF : 0.0/0

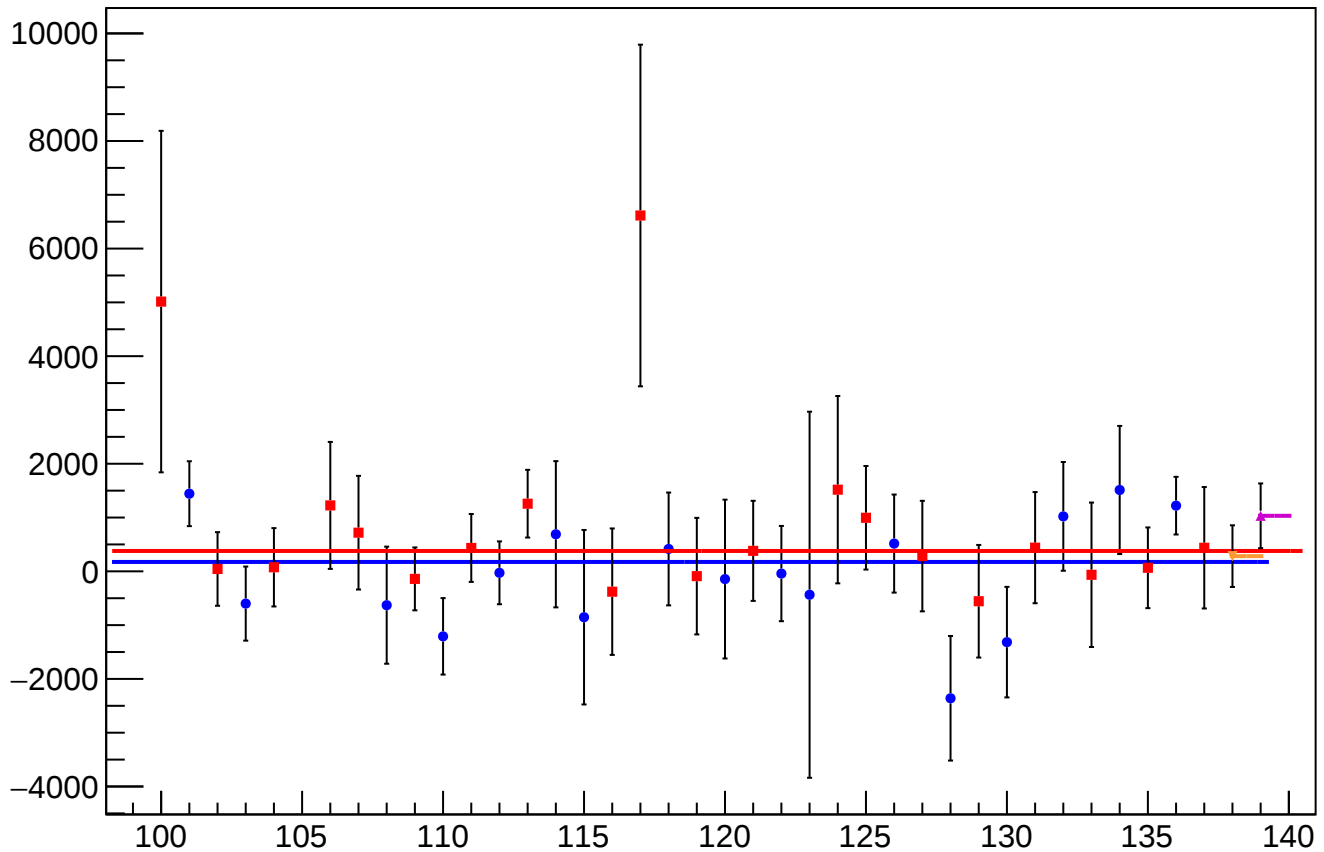
Right Out: 529.342+/-0.144 χ^2/NDF : 626714.3/19

Left In: 506.465+/-0.422 χ^2/NDF : 0.0/0

522.135+/-0.139 χ^2/NDF : 568921.0/17

526.963+/-0.136 χ^2/NDF : 629350.7/20

asym_sam_1357_avg_mean vs Slug



Right In: 174.605 $\pm$ 211.662 χ^2 /NDF: 23.7/16

Left Out: 282.465 $\pm$ 573.112 χ^2 /NDF: 0.0/0

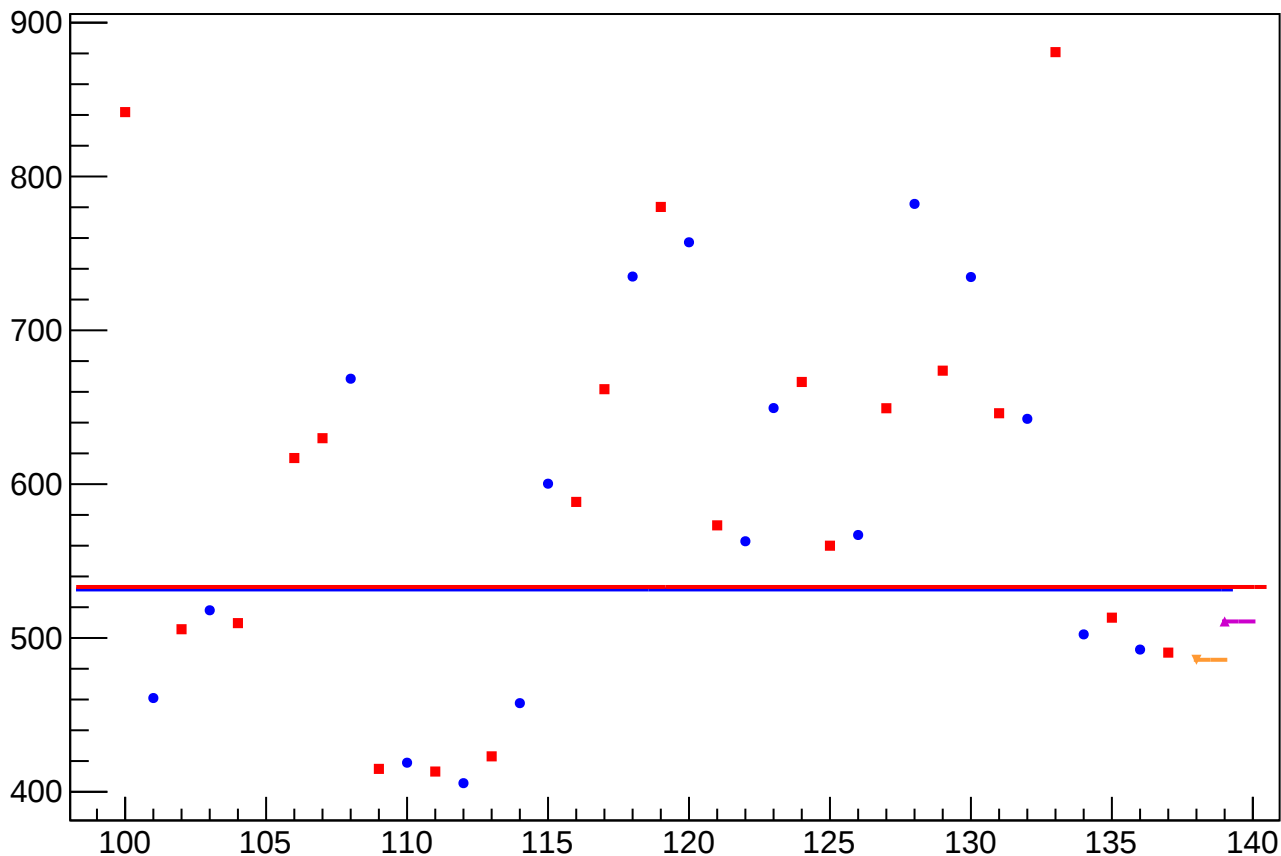
Right Out: 378.609 $\pm$ 204.777 χ^2 /NDF: 12.3/19

Left In: 1032.335 $\pm$ 601.462 χ^2 /NDF: 0.0/0

187.551 $\pm$ 198.554 χ^2 /NDF: 23.7/17

446.515 $\pm$ 193.849 χ^2 /NDF: 13.4/20

asym_sam_1357_avg_rms vs Slug



Right In: 531.554+/-0.150 χ^2/NDF : 550087.6/16

Left Out: 485.828+/-0.405 χ^2/NDF : 0.0/0

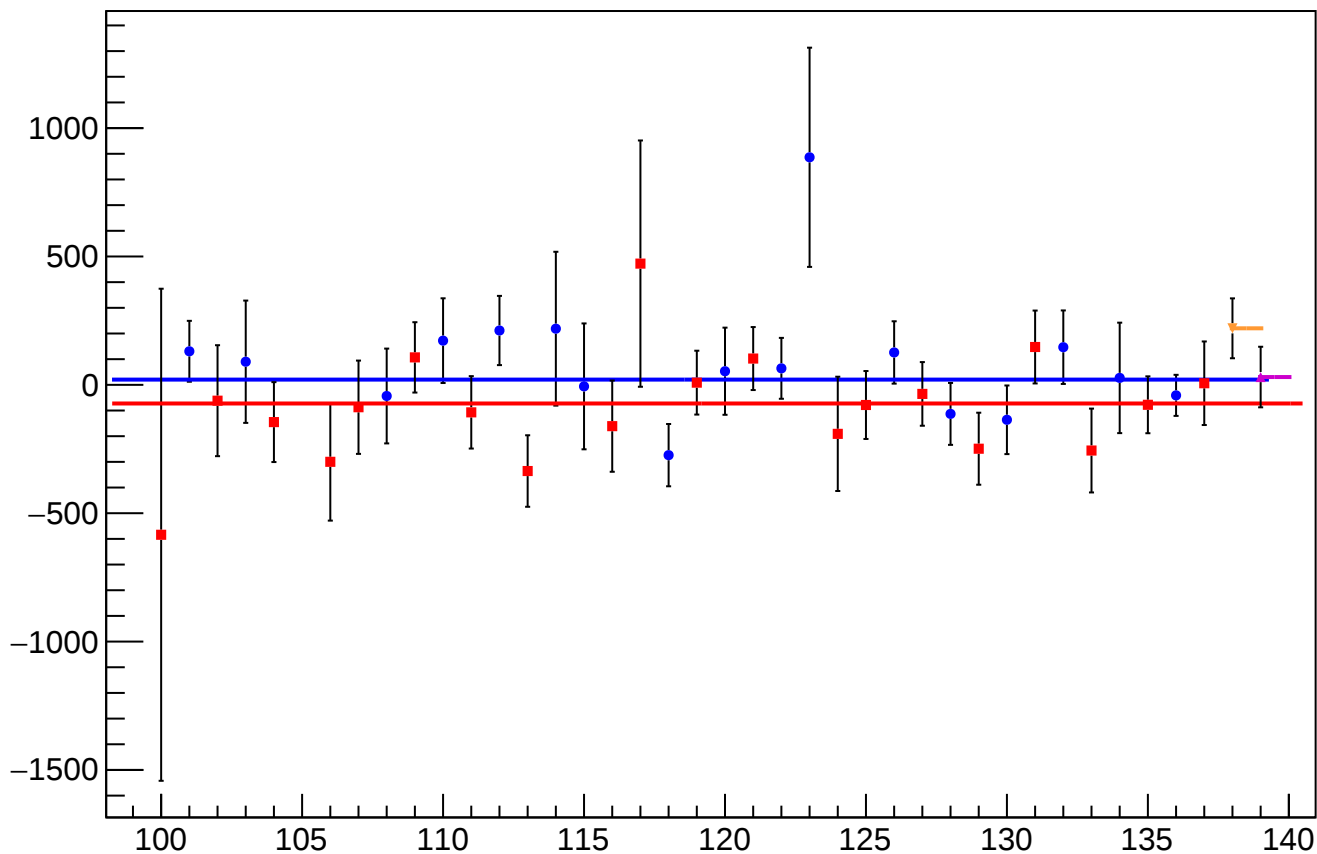
Right Out: 533.157+/-0.145 χ^2/NDF : 619038.4/19

Left In: 510.745+/-0.425 χ^2/NDF : 0.0/0

526.066+/-0.140 χ^2/NDF : 561290.9/17

530.829+/-0.137 χ^2/NDF : 621527.0/20

reg_asym_sam_2468_avg_mean vs Slug



Right In: 20.441+/-34.583 χ^2/NDF : 19.3/16

Left Out: 220.206+/-116.646 χ^2/NDF : 0.0/0

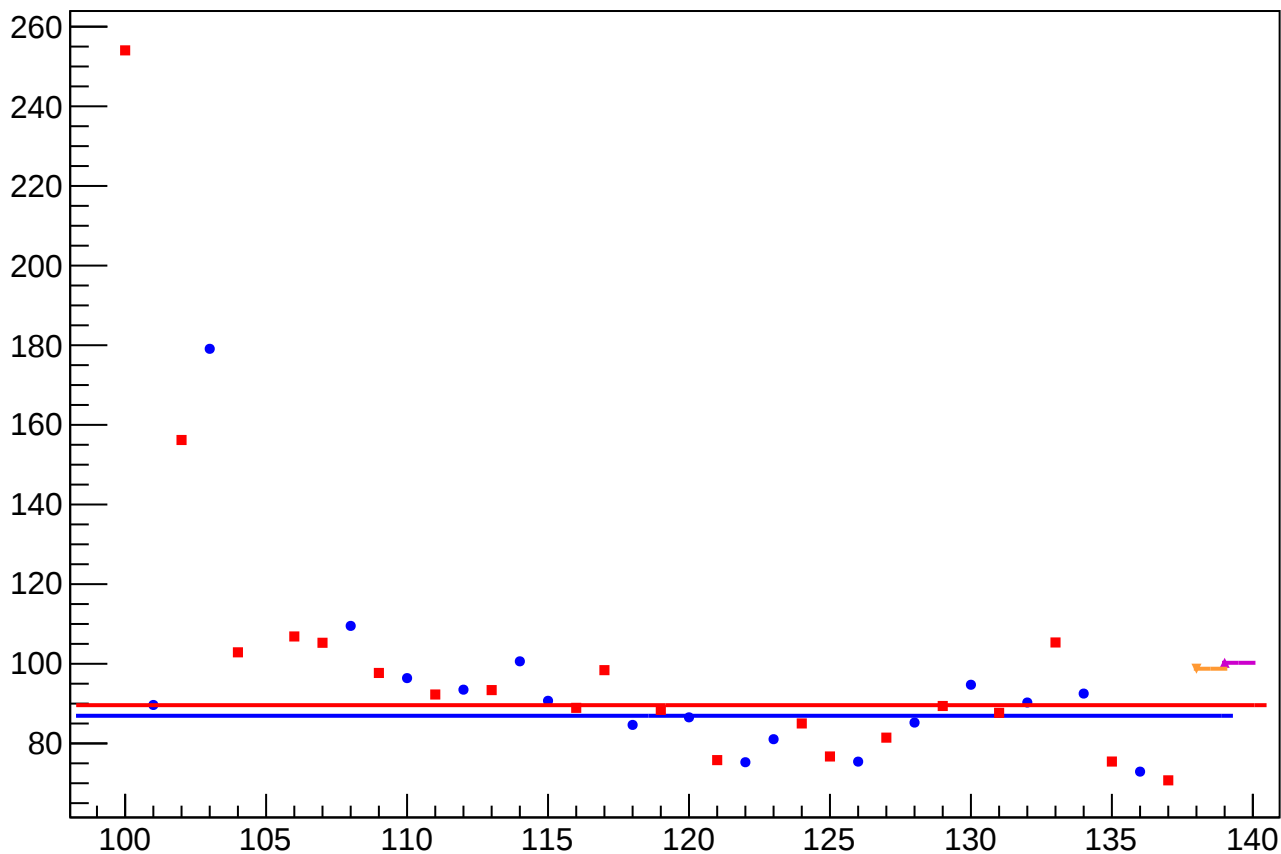
Right Out: -72.603+/-34.608 χ^2/NDF : 16.7/19

Left In: 30.408+/-117.961 χ^2/NDF : 0.0/0

36.581+/-33.157 χ^2/NDF : 22.0/17

-64.439+/-33.208 χ^2/NDF : 17.4/20

reg_asym_sam_2468_avg_rms vs Slug



Right In: 86.943+/-0.024 χ^2/NDF : 455809.4/16

Left Out: 98.761+/-0.082 χ^2/NDF : 0.0/0

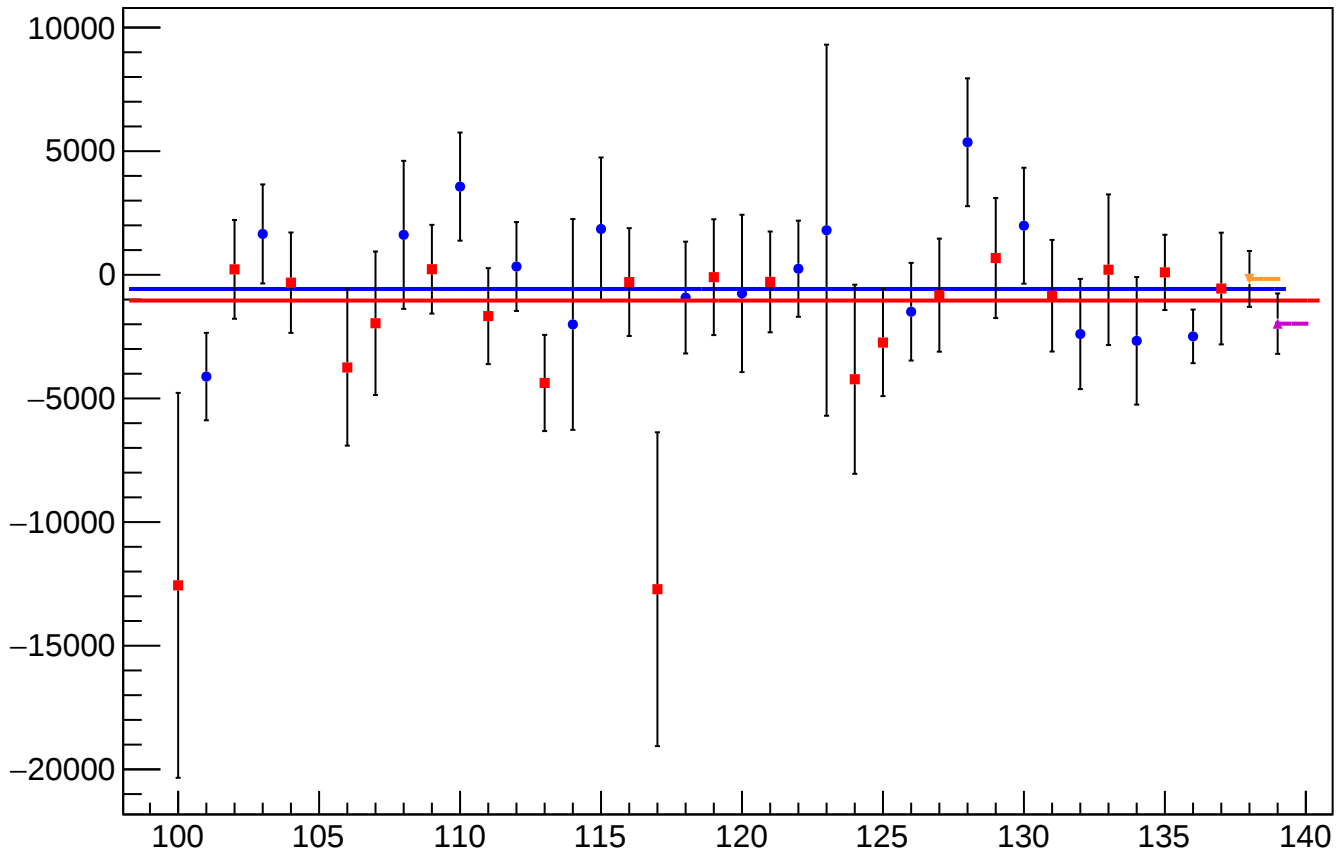
Right Out: 89.607+/-0.024 χ^2/NDF : 431905.8/19

Left In: 100.247+/-0.083 χ^2/NDF : 0.0/0

87.897+/-0.023 χ^2/NDF : 474679.7/17

90.450+/-0.023 χ^2/NDF : 446886.8/20

asym_sam_2468_avg_correction_mean vs Slug



Right In: -572.342+/-517.020 χ^2/NDF : 21.9/16

Left Out: -165.654+/-1130.170 χ^2/NDF : 0.0/0

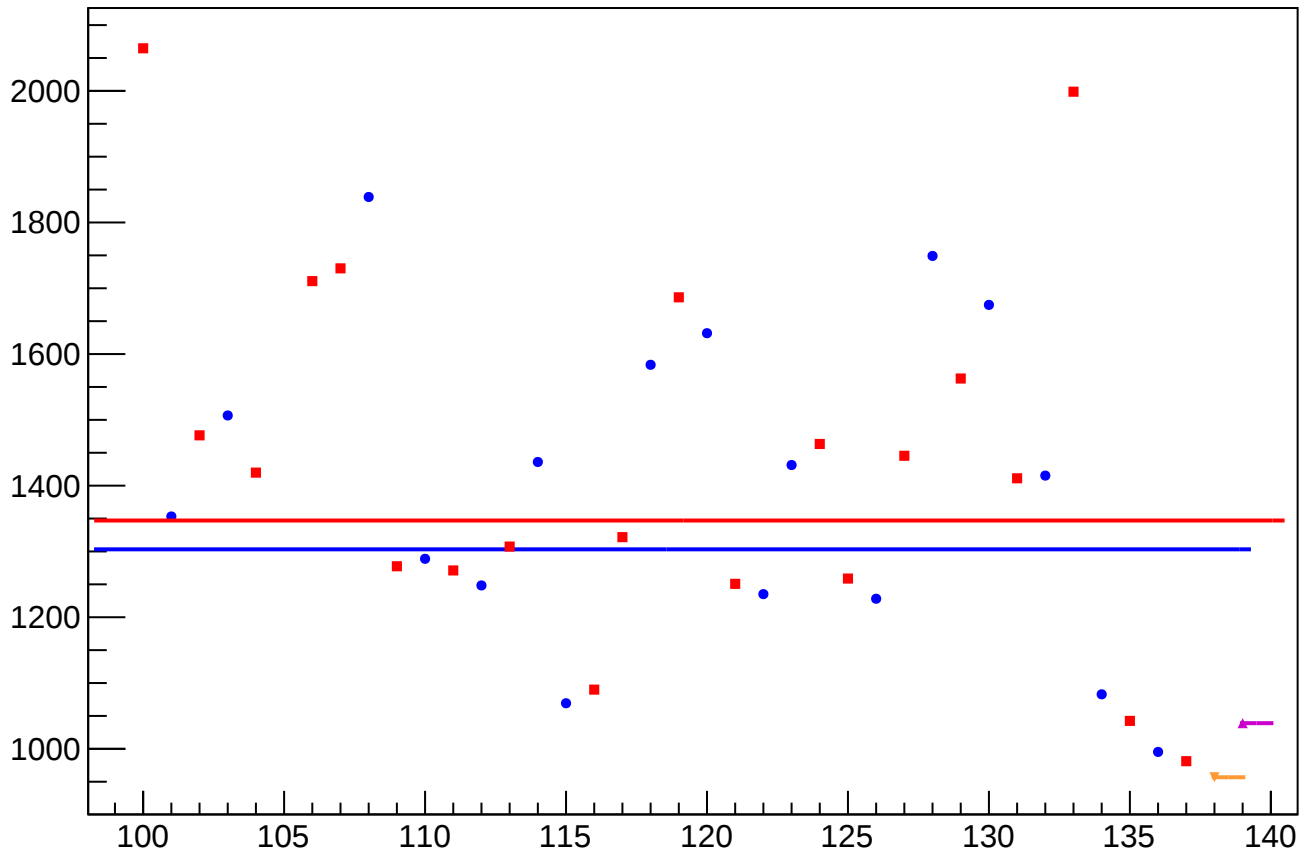
Right Out: -1040.618+/-512.937 χ^2/NDF : 13.5/19

Left In: -1975.902+/-1222.110 χ^2/NDF : 0.0/0

-501.959+/-470.158 χ^2/NDF : 22.0/17

-1180.701+/-472.967 χ^2/NDF : 14.0/20

asym_sam_2468_avg_correction_rms vs Slug



Right In: 1303.201+/-0.366 χ^2/NDF : 451961.9/16

Left Out: 956.763+/-0.799 χ^2/NDF : 0.0/0

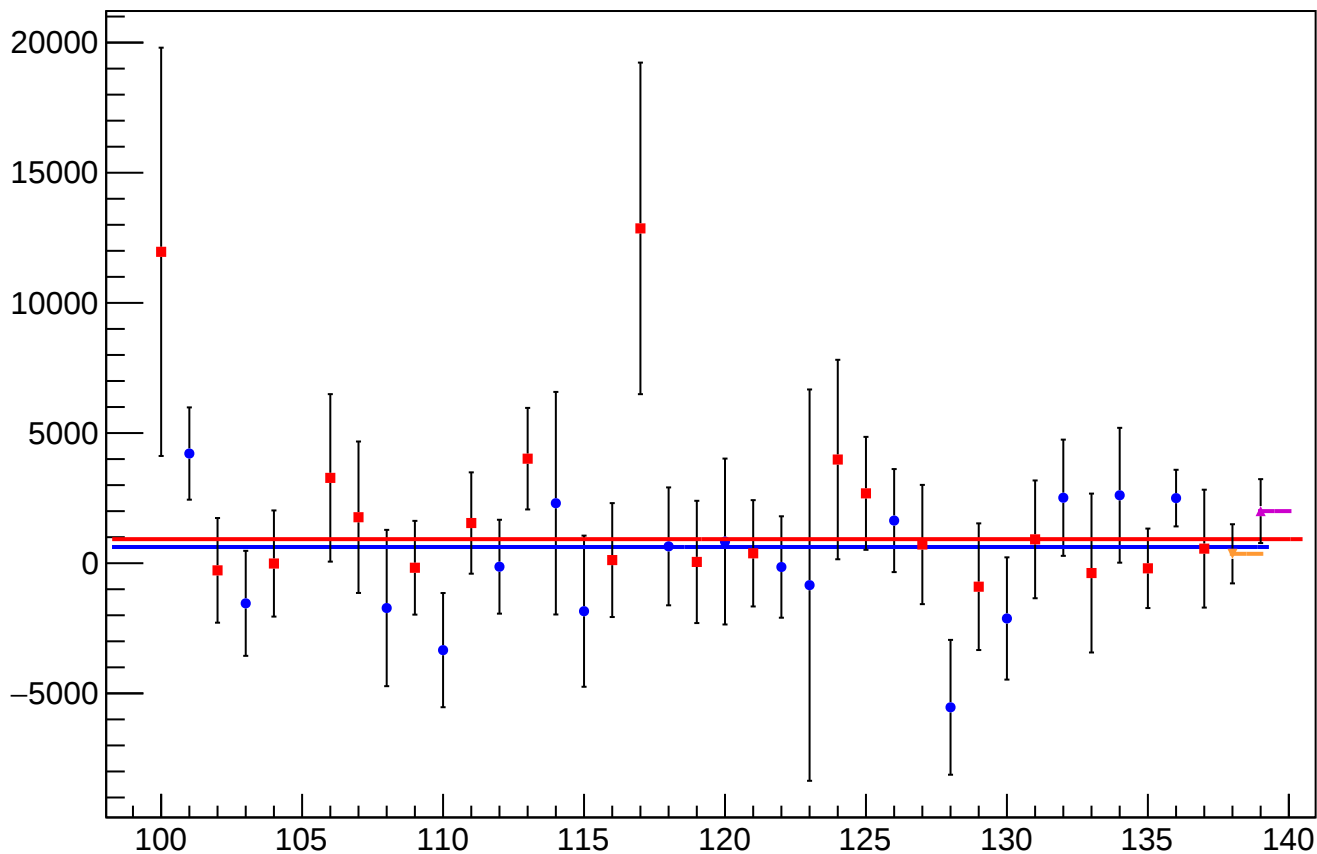
Right Out: 1347.011+/-0.363 χ^2/NDF : 420806.0/19

Left In: 1038.999+/-0.864 χ^2/NDF : 0.0/0

1243.246+/-0.332 χ^2/NDF : 607368.0/17

1300.878+/-0.334 χ^2/NDF : 528819.3/20

asym_sam_2468_avg_mean vs Slug



Right In: 622.411+/-518.496 χ^2/NDF : 22.0/16

Left Out: 361.179+/-1136.306 χ^2/NDF : 0.0/0

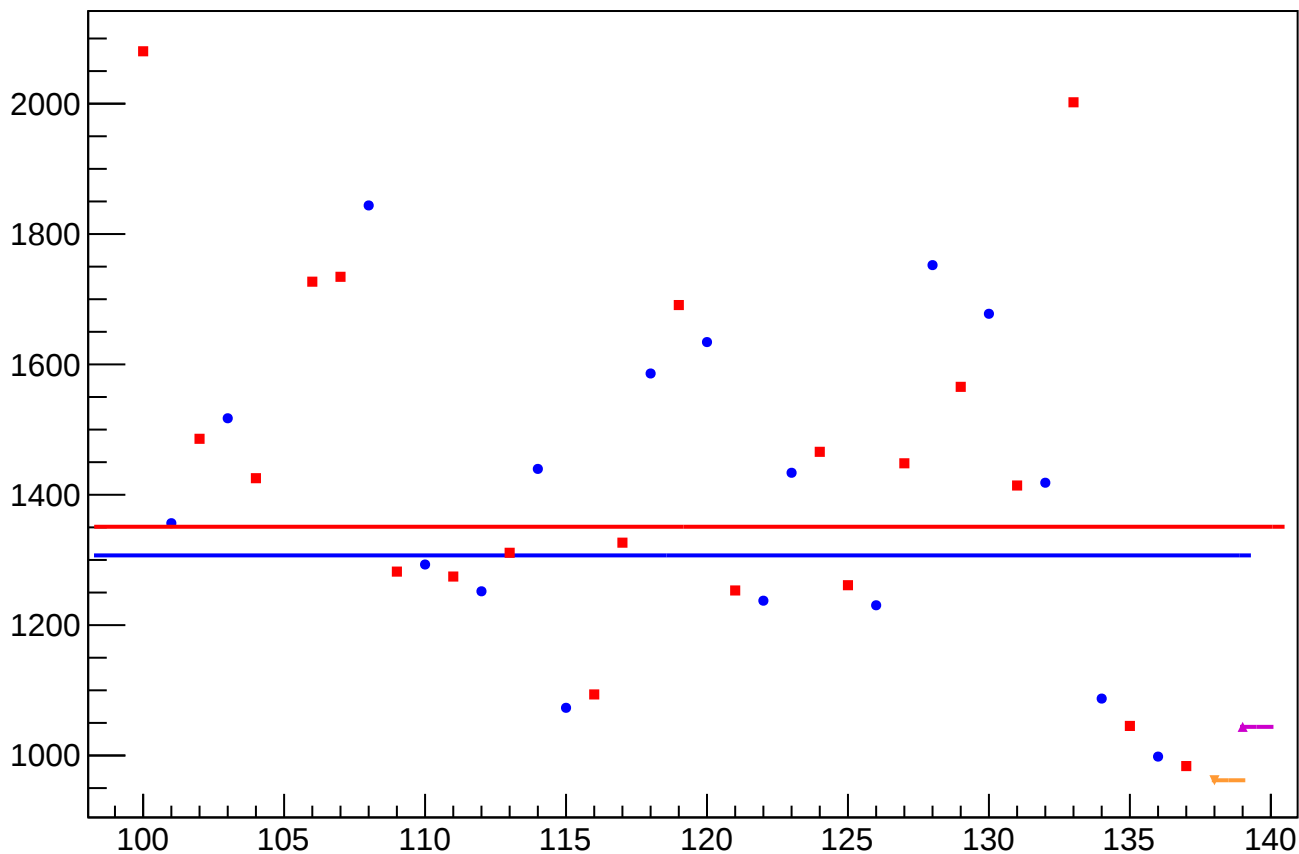
Right Out: 924.488+/-514.636 χ^2/NDF : 12.6/19

Left In: 2001.783+/-1227.895 χ^2/NDF : 0.0/0

577.394+/-471.709 χ^2/NDF : 22.0/17

1085.453+/-474.634 χ^2/NDF : 13.3/20

asym_sam_2468_avg_rms vs Slug



Right In: 1306.980+/-0.367 χ^2/NDF : 451191.7/16

Left Out: 961.988+/-0.803 χ^2/NDF : 0.0/0

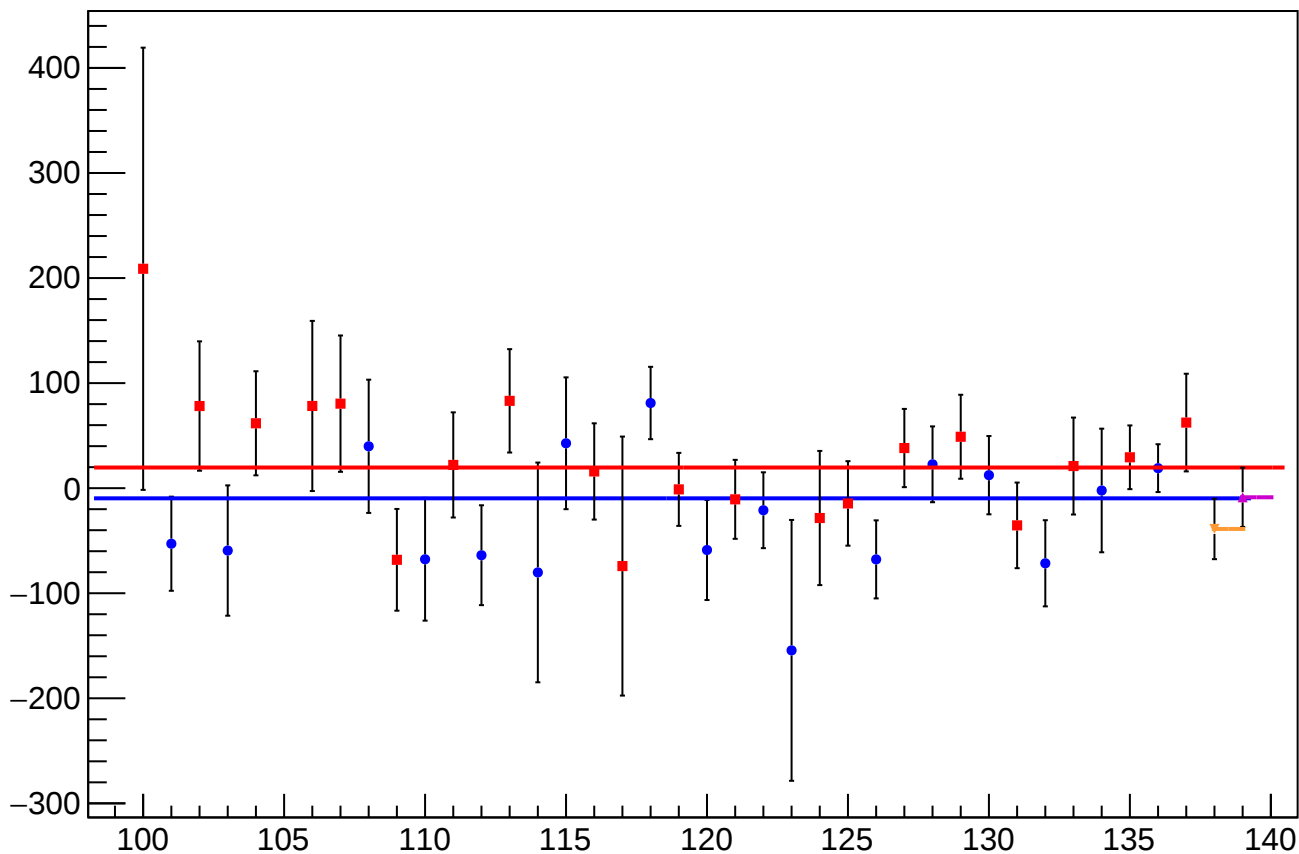
Right Out: 1350.936+/-0.364 χ^2/NDF : 421834.2/19

Left In: 1043.935+/-0.868 χ^2/NDF : 0.0/0

1247.528+/-0.334 χ^2/NDF : 603777.9/17

1305.065+/-0.336 χ^2/NDF : 528176.2/20

reg_asym_sam_1357_2468_dd_mean vs Slug



Right In: -9.669 ± 10.408 χ^2/NDF : 22.6/16

Left Out: -38.812 ± 28.772 χ^2/NDF : 0.0/0

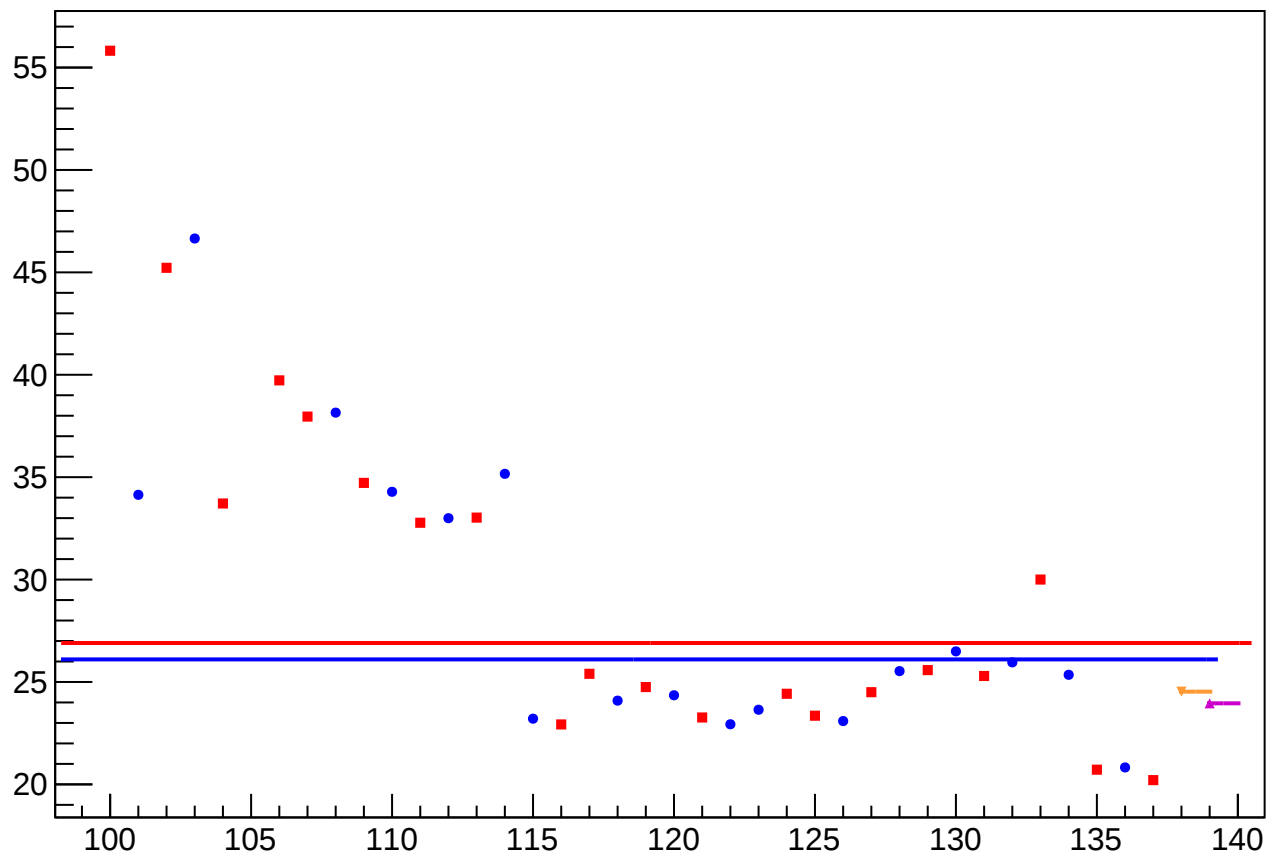
Right Out: 19.662 ± 10.406 χ^2/NDF : 15.2/19

Left In: -8.672 ± 28.188 χ^2/NDF : 0.0/0

-13.041 ± 9.787 χ^2/NDF : 23.5/17

16.263 ± 9.762 χ^2/NDF : 16.1/20

reg_asym_sam_1357_2468_dd_rms vs Slug



Right In: 26.103 $\pm$ 0.007 χ^2 /NDF: 604038.5/16

Left Out: 24.528 $\pm$ 0.020 χ^2 /NDF:0.0/0

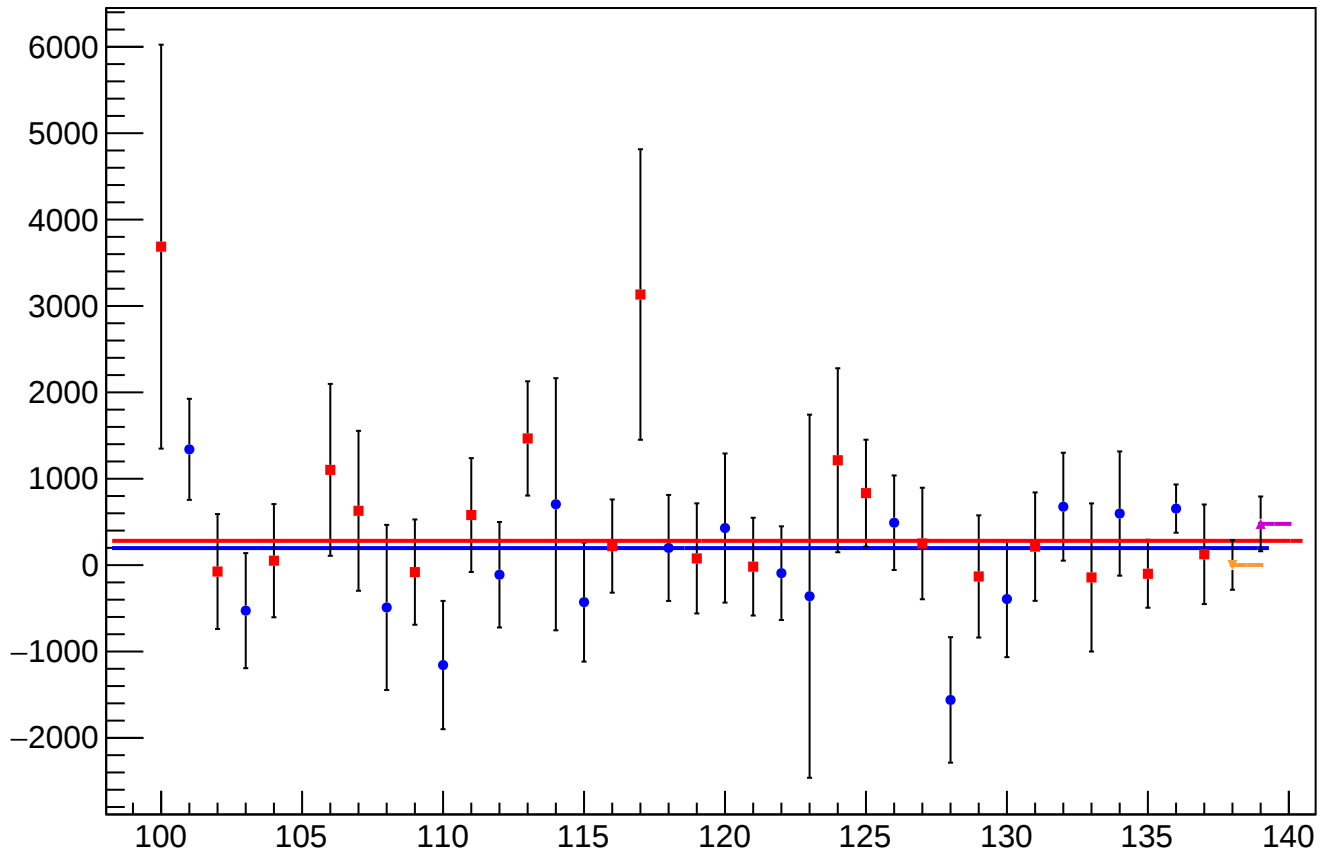
Right Out: 26.903 $\pm$ 0.007 χ^2 /NDF: 679269.9/19

Left In: 23.958 $\pm$ 0.020 χ^2 /NDF:0.0/0

25.920 $\pm$ 0.007 χ^2 /NDF: 609337.0/17

26.550 $\pm$ 0.007 χ^2 /NDF: 698478.3/20

asym_sam_1357_2468_dd_correction_mean vs Slug



Right In: 197.327+/-147.883 χ^2/NDF : 21.0/16

Left Out: 1.693+/-286.902 χ^2/NDF : 0.0/0

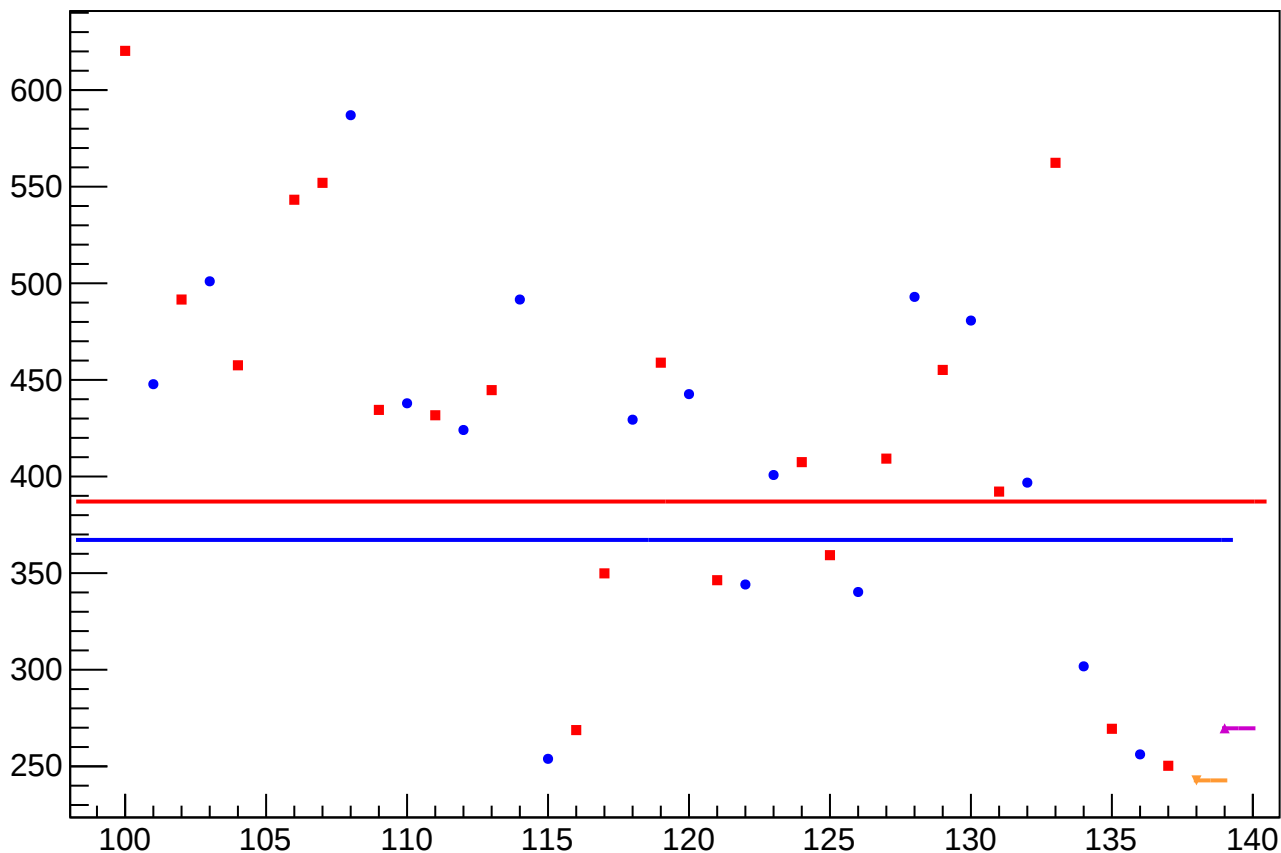
Right Out: 281.185+/-149.275 χ^2/NDF : 13.6/19

Left In: 477.697+/-316.967 χ^2/NDF : 0.0/0

156.261+/-131.449 χ^2/NDF : 21.3/17

316.858+/-135.048 χ^2/NDF : 13.9/20

asym_sam_1357_2468_dd_correction_rms vs Slug



Right In: 367.180 $\pm$ 0.105 χ^2 /NDF: 827148.2/16

Left Out: 242.724 $\pm$ 0.203 χ^2 /NDF: 0.0/0

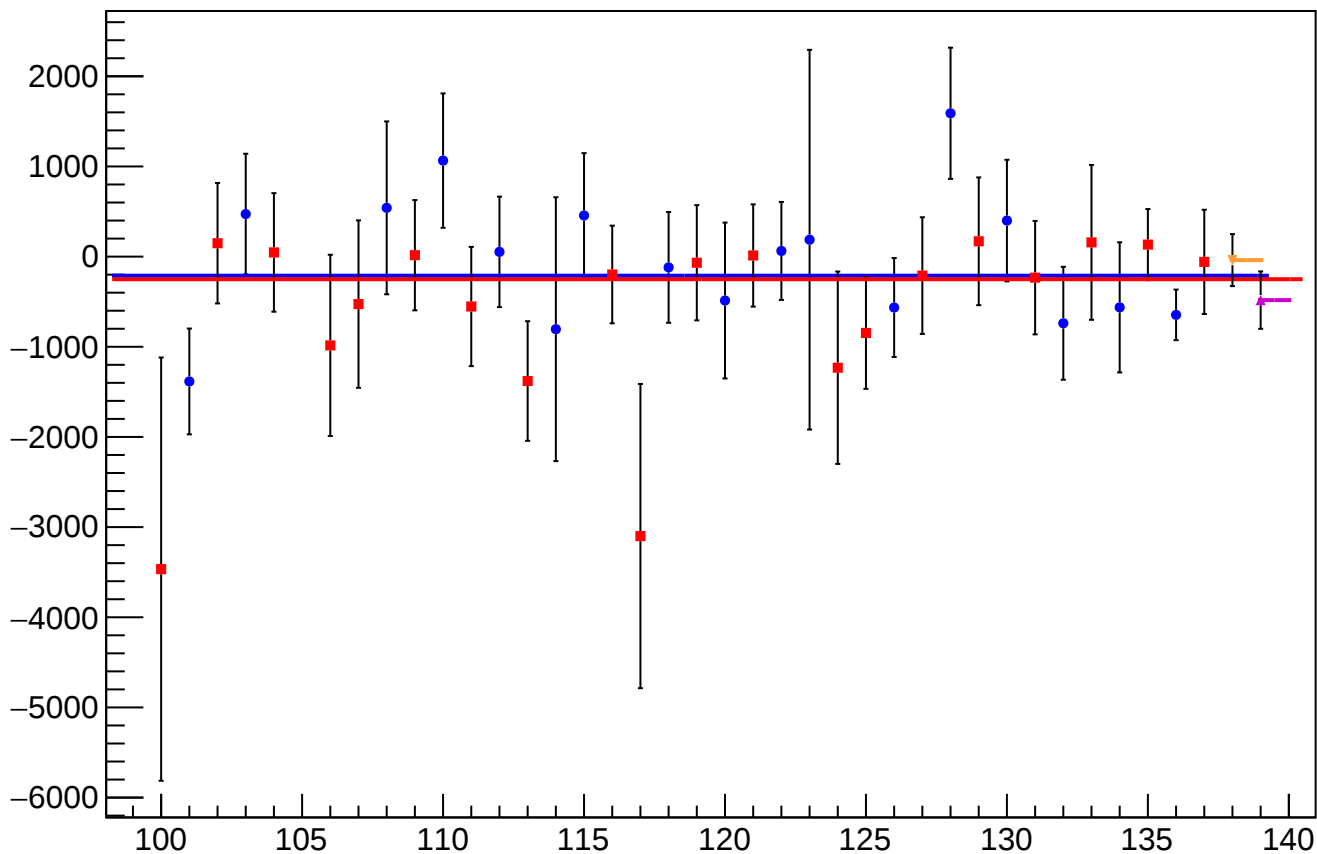
Right Out: 387.048 $\pm$ 0.106 χ^2 /NDF: 775547.5/19

Left In: 269.687 $\pm$ 0.224 χ^2 /NDF: 0.0/0

341.055 $\pm$ 0.093 χ^2 /NDF: 1124498.4/17

365.744 $\pm$ 0.095 χ^2 /NDF: 999963.8/20

asym_sam_1357_2468_dd_mean vs Slug



Right In: -211.859+/-148.316 χ^2/NDF : 21.0/16

Left Out: -38.700+/-288.402 χ^2/NDF : 0.0/0

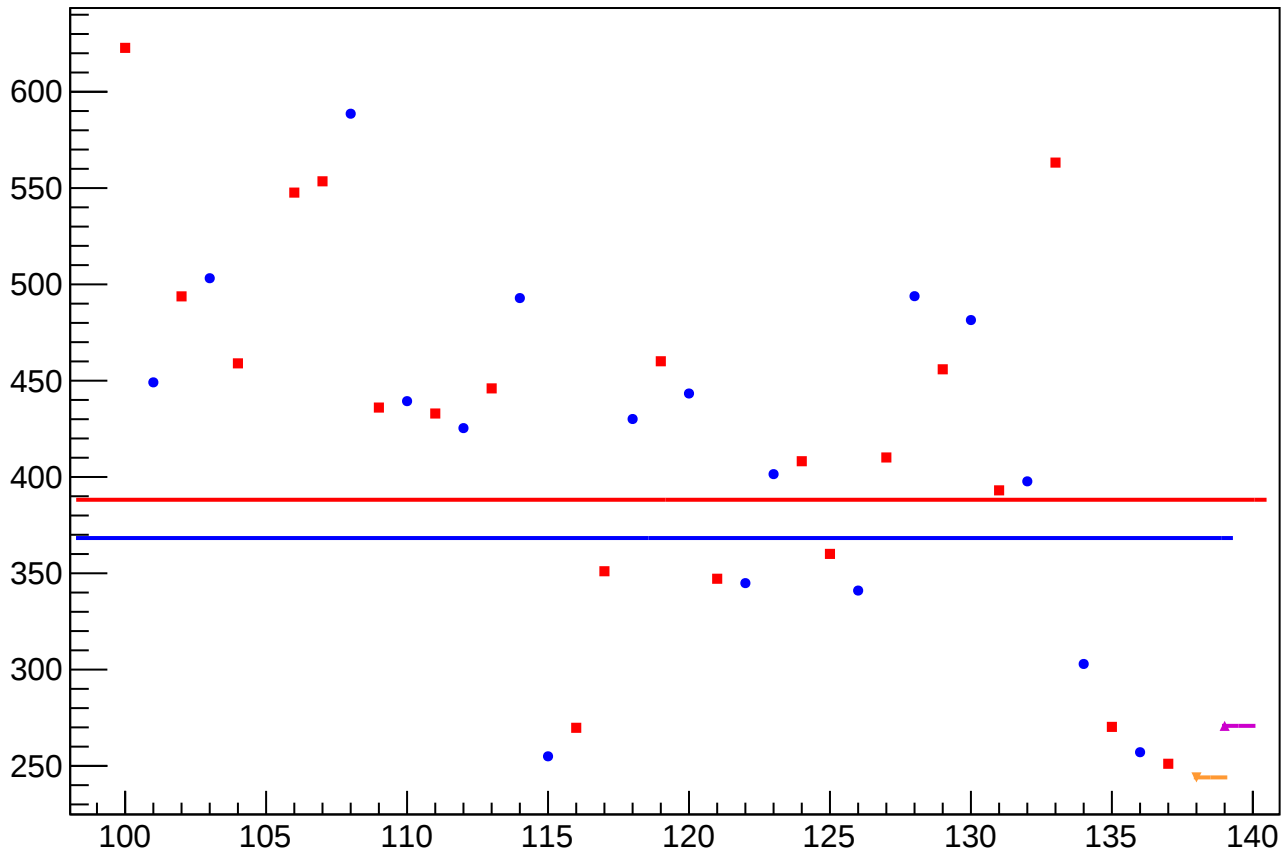
Right Out: -250.443+/-149.724 χ^2/NDF : 12.9/19

Left In: -482.535+/-318.256 χ^2/NDF : 0.0/0

-175.642+/-131.897 χ^2/NDF : 21.3/17

-292.502+/-135.480 χ^2/NDF : 13.4/20

asym_sam_1357_2468_dd_rms vs Slug



Right In: 368.302 $\pm$ 0.105 χ^2 /NDF: 824619.2/16

Left Out: 244.026 $\pm$ 0.204 χ^2 /NDF: 0.0/0

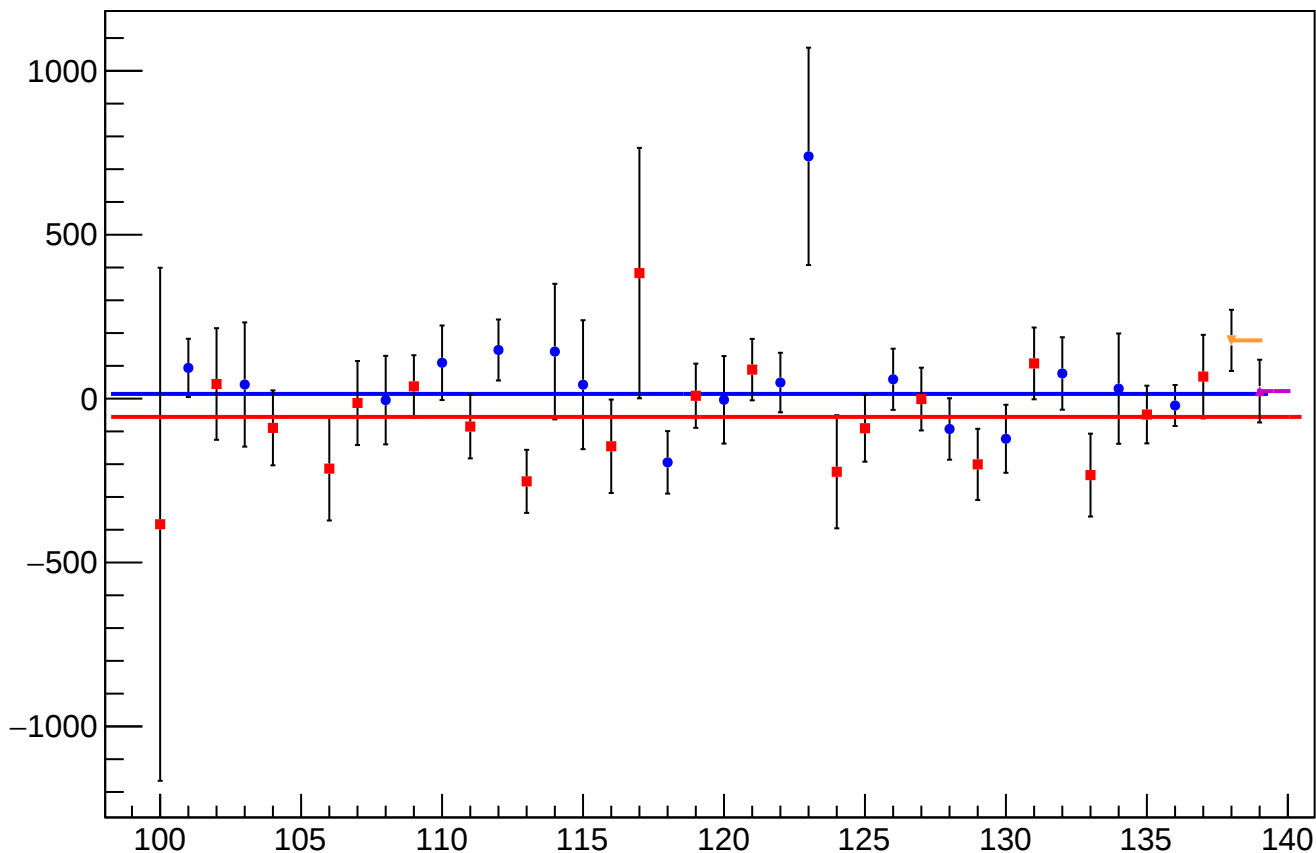
Right Out: 388.178 $\pm$ 0.106 χ^2 /NDF: 775692.7/19

Left In: 270.789 $\pm$ 0.225 χ^2 /NDF: 0.0/0

342.309 $\pm$ 0.093 χ^2 /NDF: 1118311.9/17

366.905 $\pm$ 0.096 χ^2 /NDF: 998484.8/20

reg_asym_sam_12345678_avg_mean vs Slug



Right In: 14.385+/-26.334 χ^2/NDF : 17.7/16

Left Out: 177.683+/-93.288 χ^2/NDF : 0.0/0

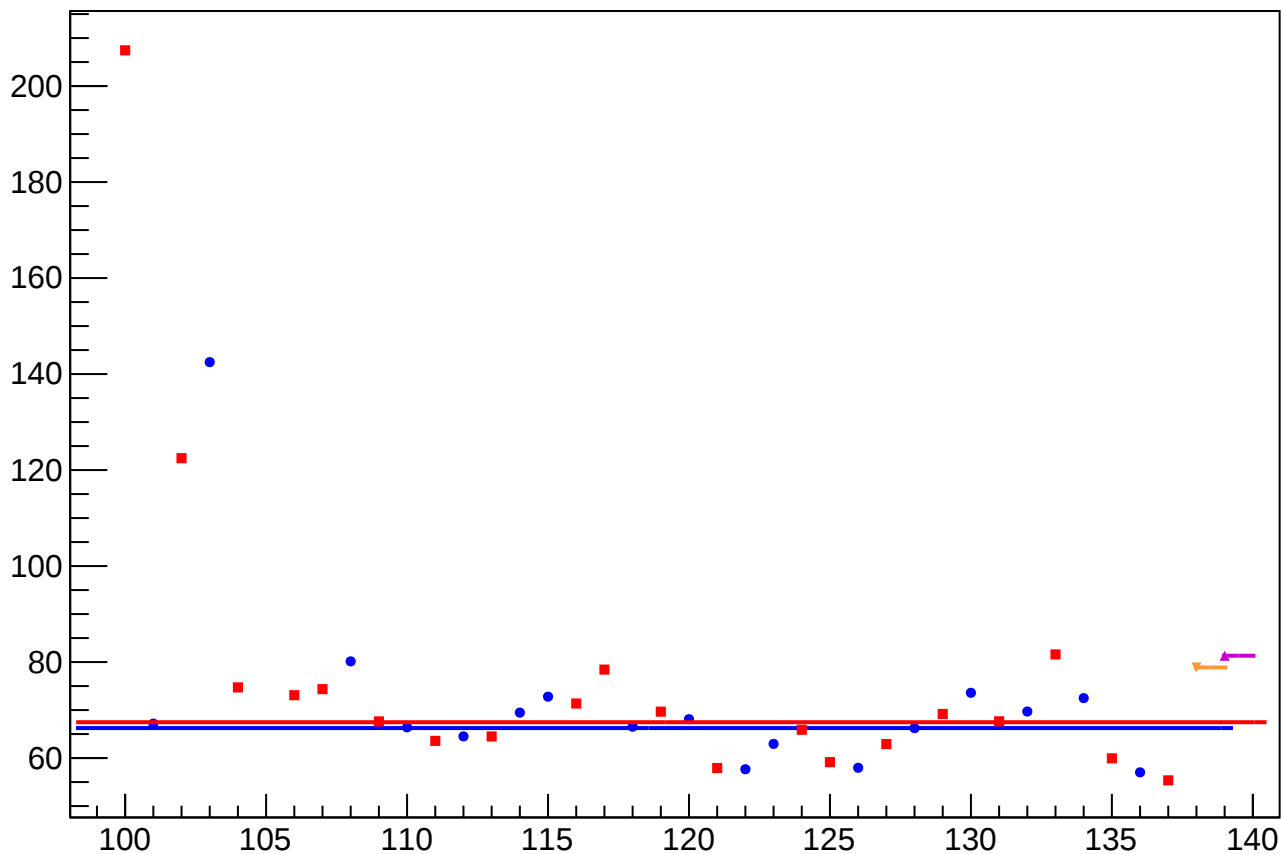
Right Out: -55.744+/-26.060 χ^2/NDF : 19.7/19

Left In: 22.950+/-95.700 χ^2/NDF : 0.0/0

26.437+/-25.343 χ^2/NDF : 20.5/17

-50.311+/-25.145 χ^2/NDF : 20.4/20

reg_asym_sam_12345678_avg_rms vs Slug



Right In: 66.247+/-0.019 χ^2/NDF : 440944.2/16

Left Out: 78.872+/-0.066 χ^2/NDF : 0.0/0

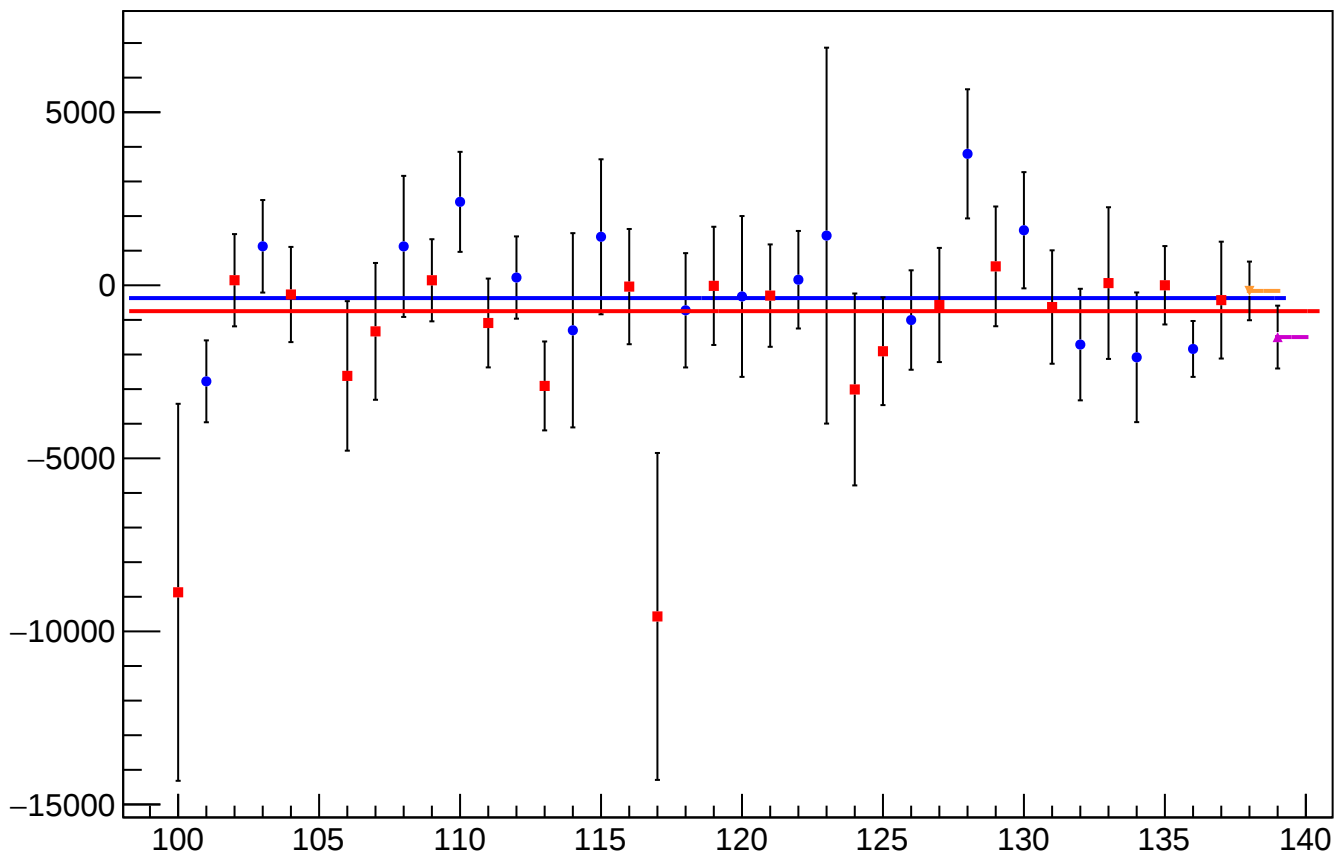
Right Out: 67.466+/-0.018 χ^2/NDF : 395262.8/19

Left In: 81.320+/-0.068 χ^2/NDF : 0.0/0

67.179+/-0.018 χ^2/NDF : 474869.0/17

68.423+/-0.018 χ^2/NDF : 434278.8/20

asym_sam_12345678_avg_correction_mean vs Slug



Right In: -369.546+/-366.432 χ^2/NDF : 22.3/16

Left Out: -162.377+/-847.245 χ^2/NDF : 0.0/0

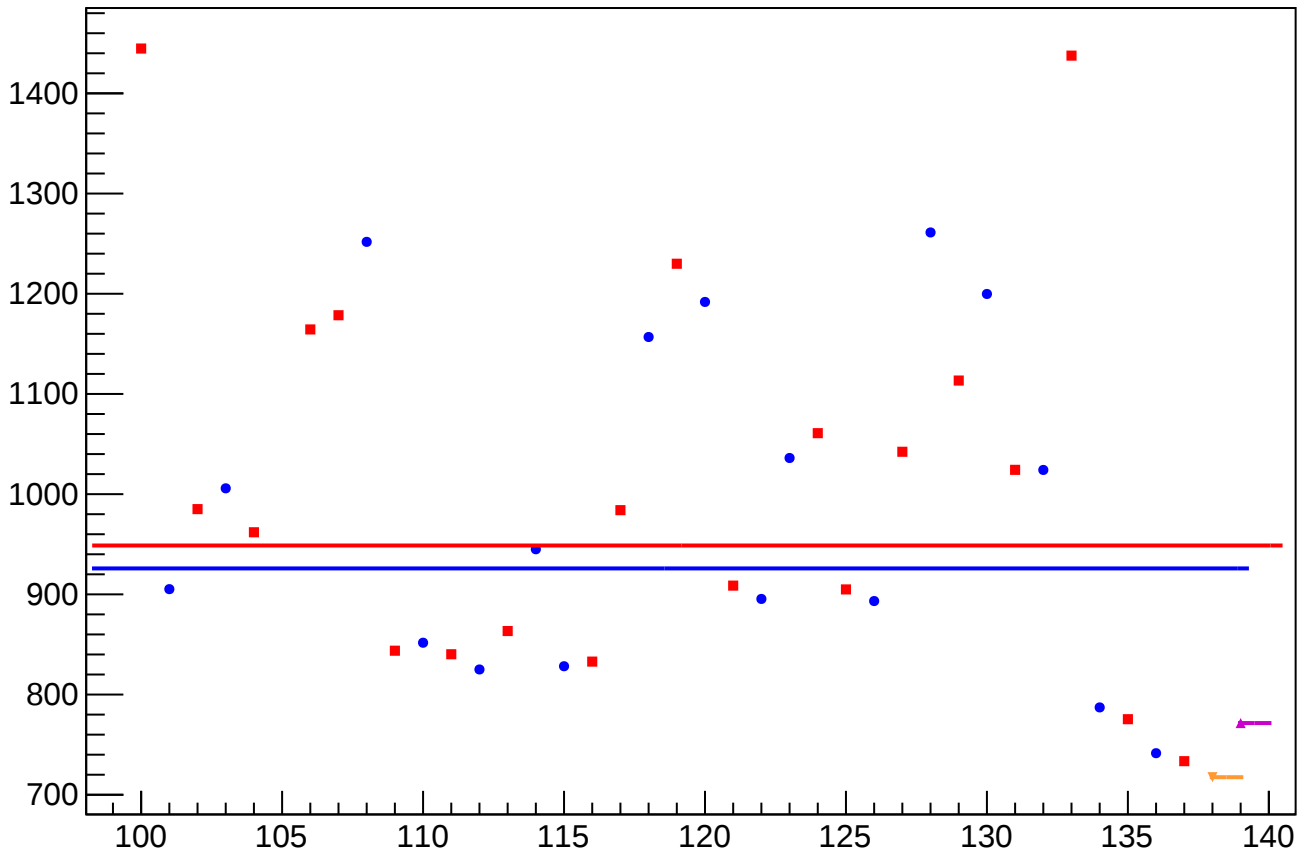
Right Out: -747.208+/-360.830 χ^2/NDF : 13.4/19

Left In: -1496.104+/-907.856 χ^2/NDF : 0.0/0

-336.900+/-336.325 χ^2/NDF : 22.3/17

-849.371+/-335.316 χ^2/NDF : 14.0/20

asym_sam_12345678_avg_correction_rms vs Slug



Right In: 925.885 $\pm$ 0.259 χ^2 /NDF: 391084.5/16

Left Out: 717.529 $\pm$ 0.599 χ^2 /NDF: 0.0/0

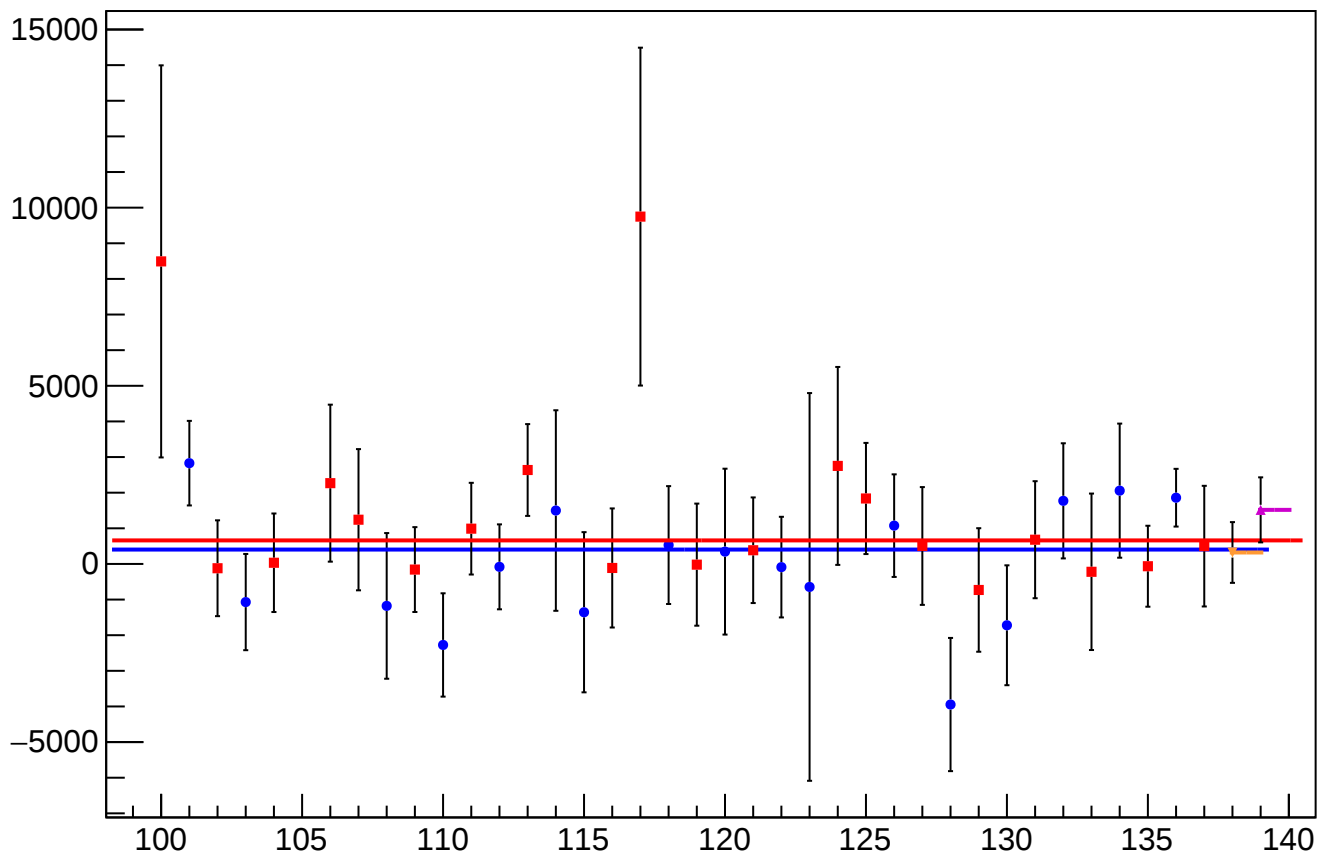
893.052 $\pm$ 0.238 χ^2 /NDF: 492979.6/17

Right Out: 948.760 $\pm$ 0.255 χ^2 /NDF: 382044.0/19

924.586 $\pm$ 0.237 χ^2 /NDF: 447842.8/20

Left In: 771.561 $\pm$ 0.642 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_mean vs Slug



Right In: 403.591+/-367.686 χ^2/NDF : 22.4/16

Left Out: 321.504+/-852.459 χ^2/NDF : 0.0/0

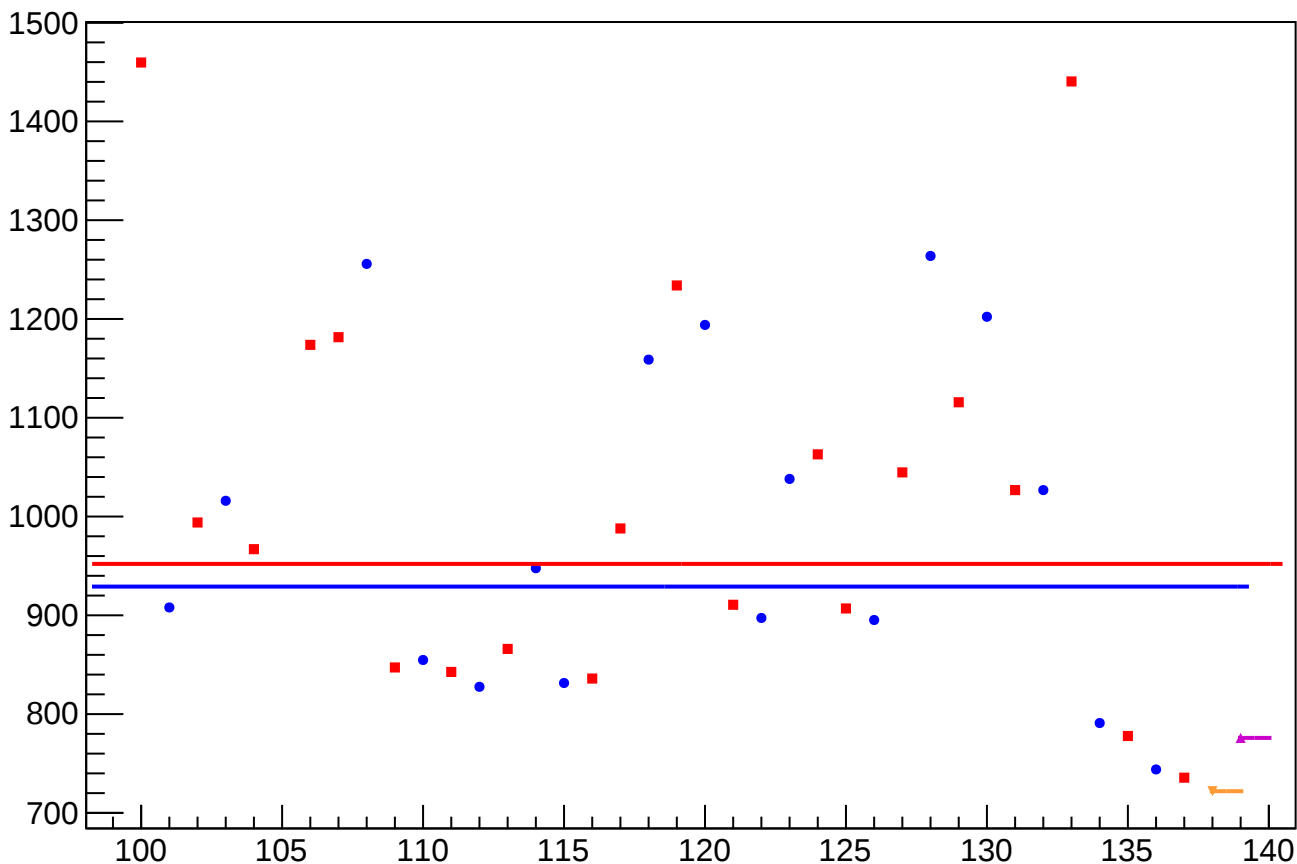
Right Out: 660.630+/-362.265 χ^2/NDF : 12.5/19

Left In: 1517.671+/-912.952 χ^2/NDF : 0.0/0

390.715+/-337.619 χ^2/NDF : 22.4/17

777.219+/-336.725 χ^2/NDF : 13.3/20

asym_sam_12345678_avg_rms vs Slug



Right In: 929.096+/-0.260 χ^2/NDF : 390292.1/16

Left Out: 721.950+/-0.603 χ^2/NDF : 0.0/0

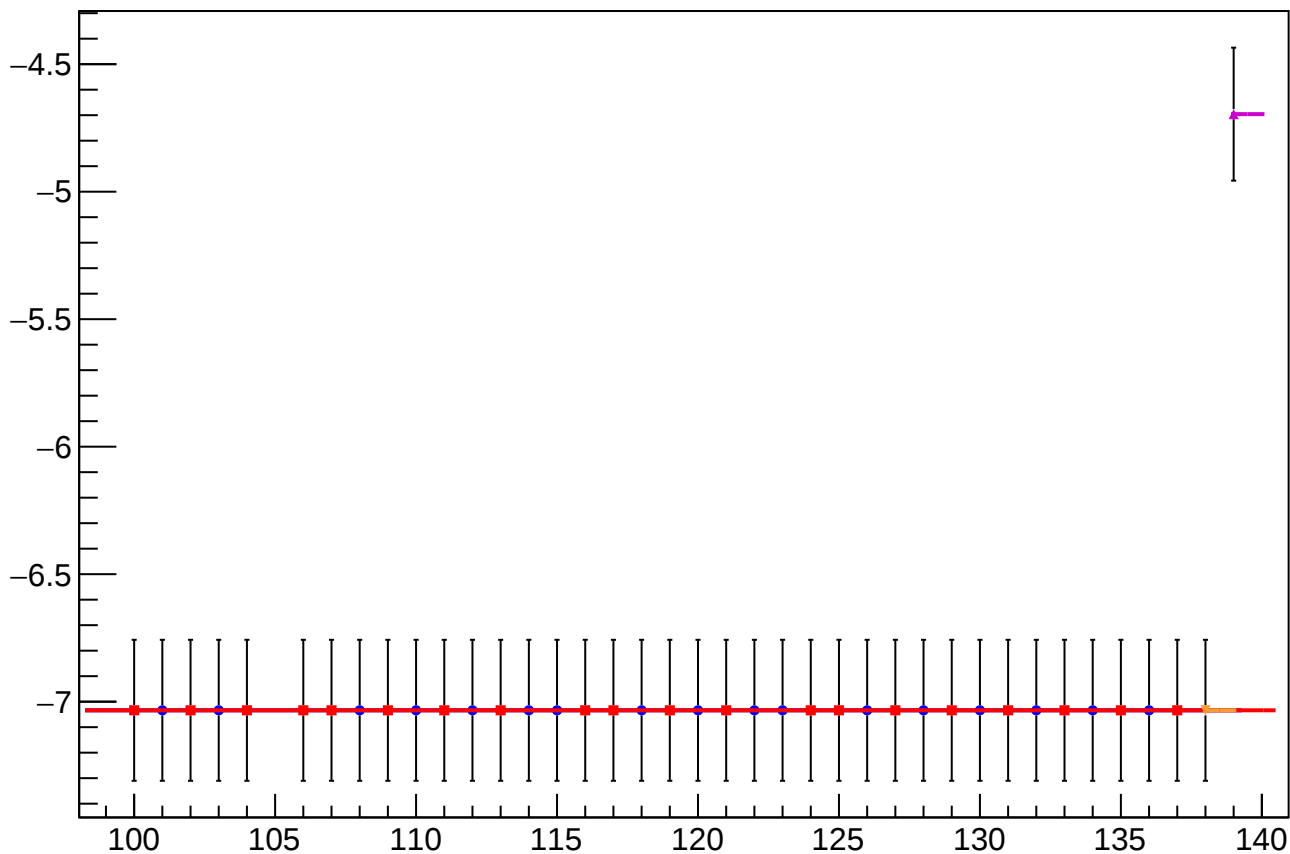
896.604+/-0.239 χ^2/NDF : 489864.9/17

Right Out: 952.057+/-0.256 χ^2/NDF : 382334.5/19

928.094+/-0.238 χ^2/NDF : 446663.8/20

Left In: 775.905+/-0.646 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm1X_slope vs Slug



Right In: -7.034 ± 0.067 χ^2/NDF : 0.0/16

Left Out: -7.034 ± 0.276 χ^2/NDF : 0.0/0

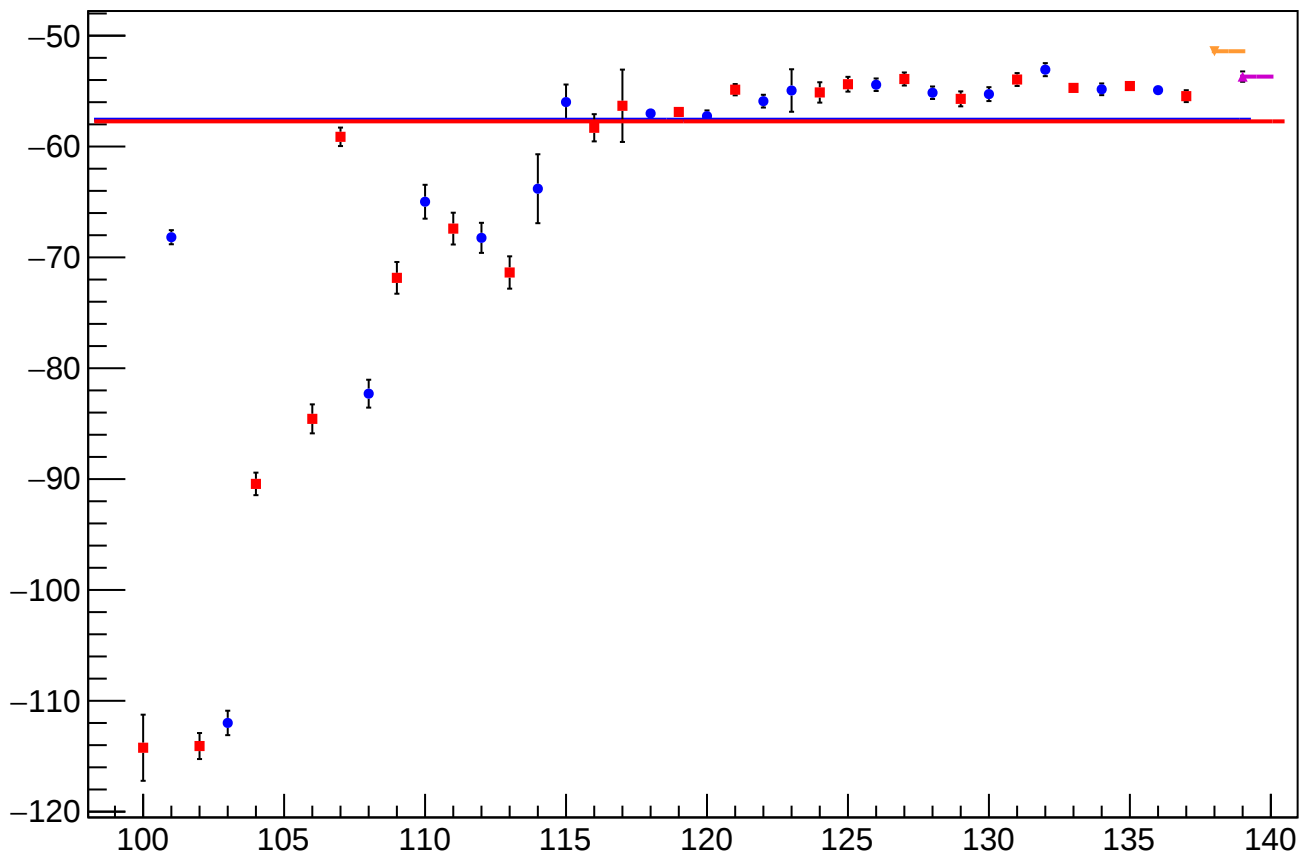
Right Out: -7.034 ± 0.062 χ^2/NDF : 0.0/19

Left In: -4.696 ± 0.261 χ^2/NDF : 0.0/0

-7.034 ± 0.065 χ^2/NDF : 0.0/17

-6.909 ± 0.060 χ^2/NDF : 76.2/20

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -57.581 ± 0.143 χ^2/NDF : 3455.5/16

Left Out: -51.404 ± 0.322 χ^2/NDF : 0.0/0

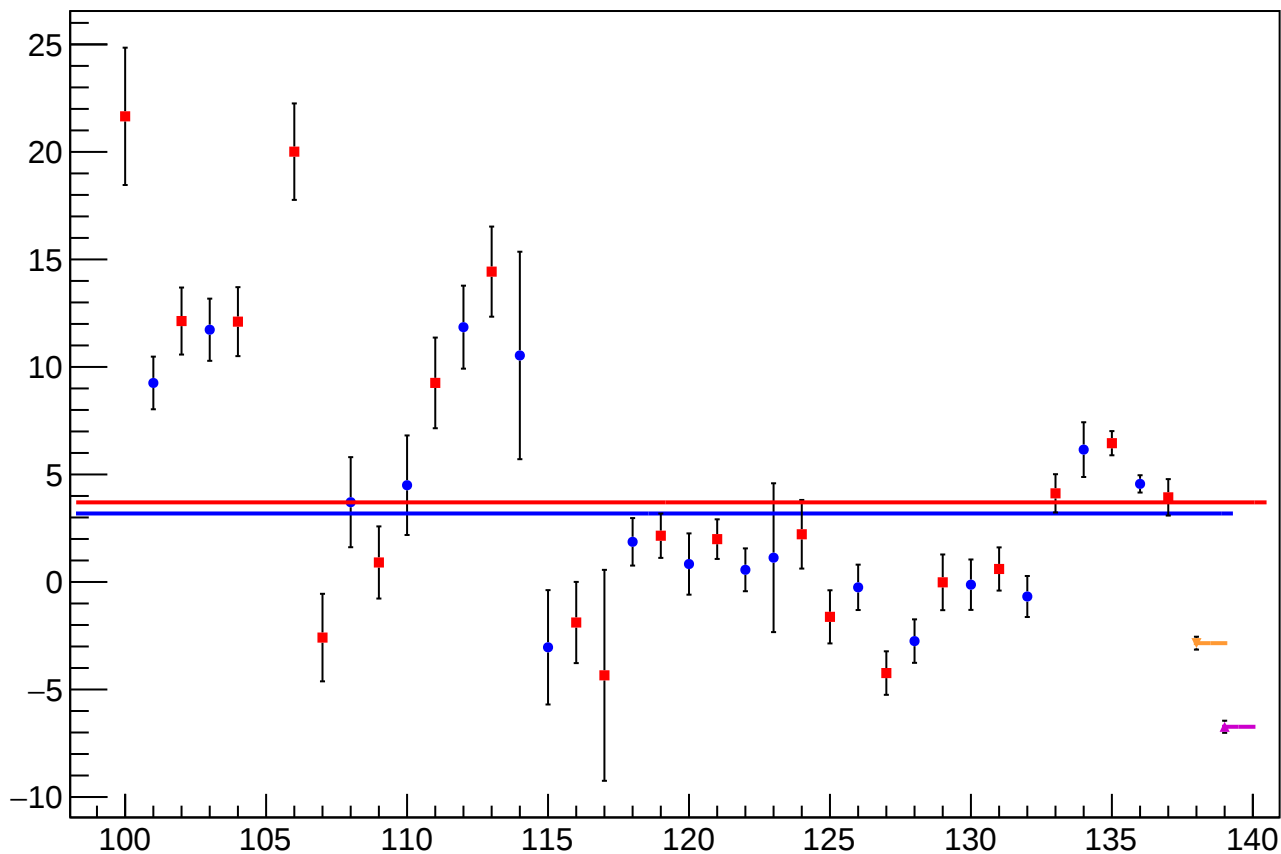
Right Out: -57.730 ± 0.143 χ^2/NDF : 4698.7/19

Left In: -53.693 ± 0.466 χ^2/NDF : 0.0/0

-56.564 ± 0.131 χ^2/NDF : 3762.3/17

-57.383 ± 0.137 χ^2/NDF : 4767.2/20

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.185 ± 0.259 χ^2/NDF : 185.8/16

Left Out: -2.845 ± 0.300 χ^2/NDF : 0.0/0

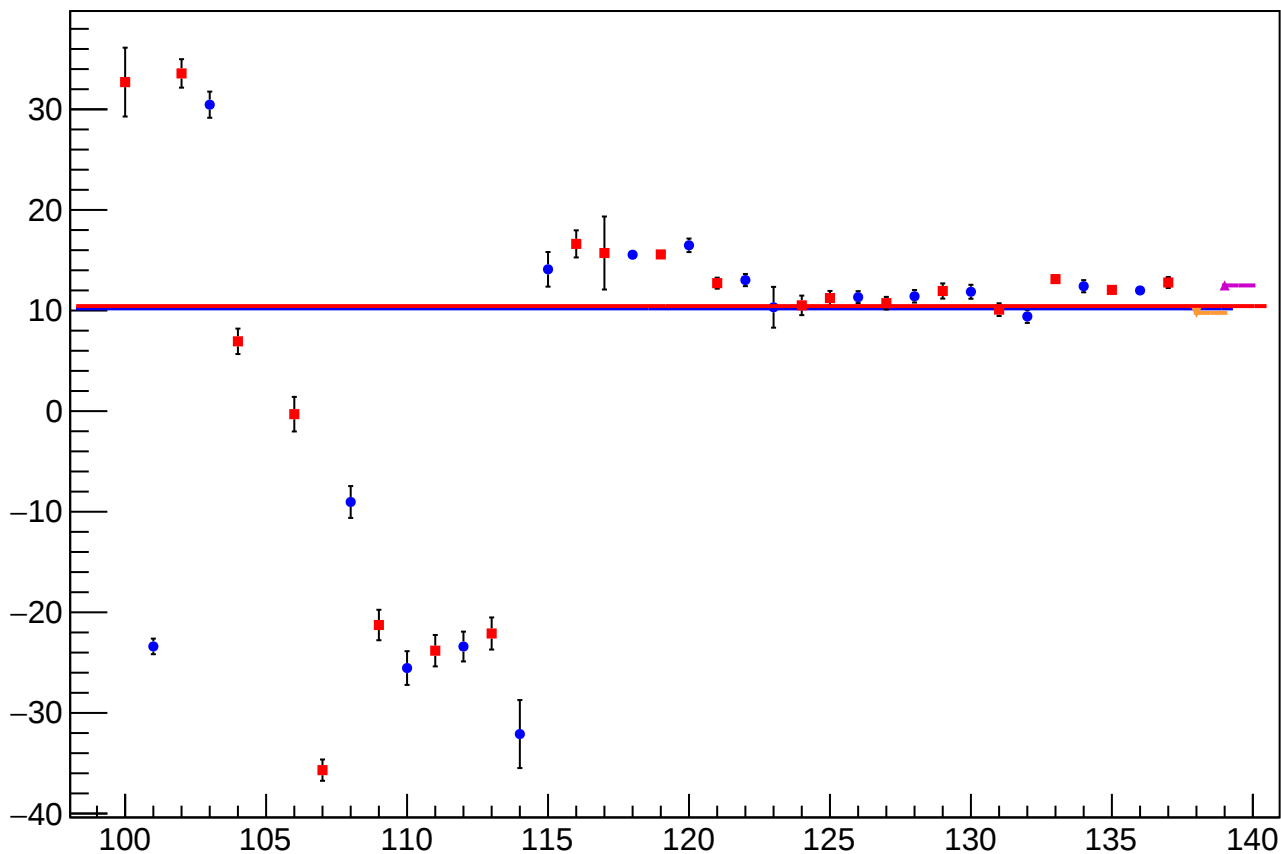
Right Out: 3.702 ± 0.267 χ^2/NDF : 326.8/19

Left In: -6.734 ± 0.283 χ^2/NDF : 0.0/0

0.611 ± 0.196 χ^2/NDF : 417.2/17

-1.224 ± 0.194 χ^2/NDF : 1047.1/20

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.215 ± 0.158 χ^2/NDF : 3692.6/16

Left Out: 9.767 ± 0.354 χ^2/NDF : 0.0/0

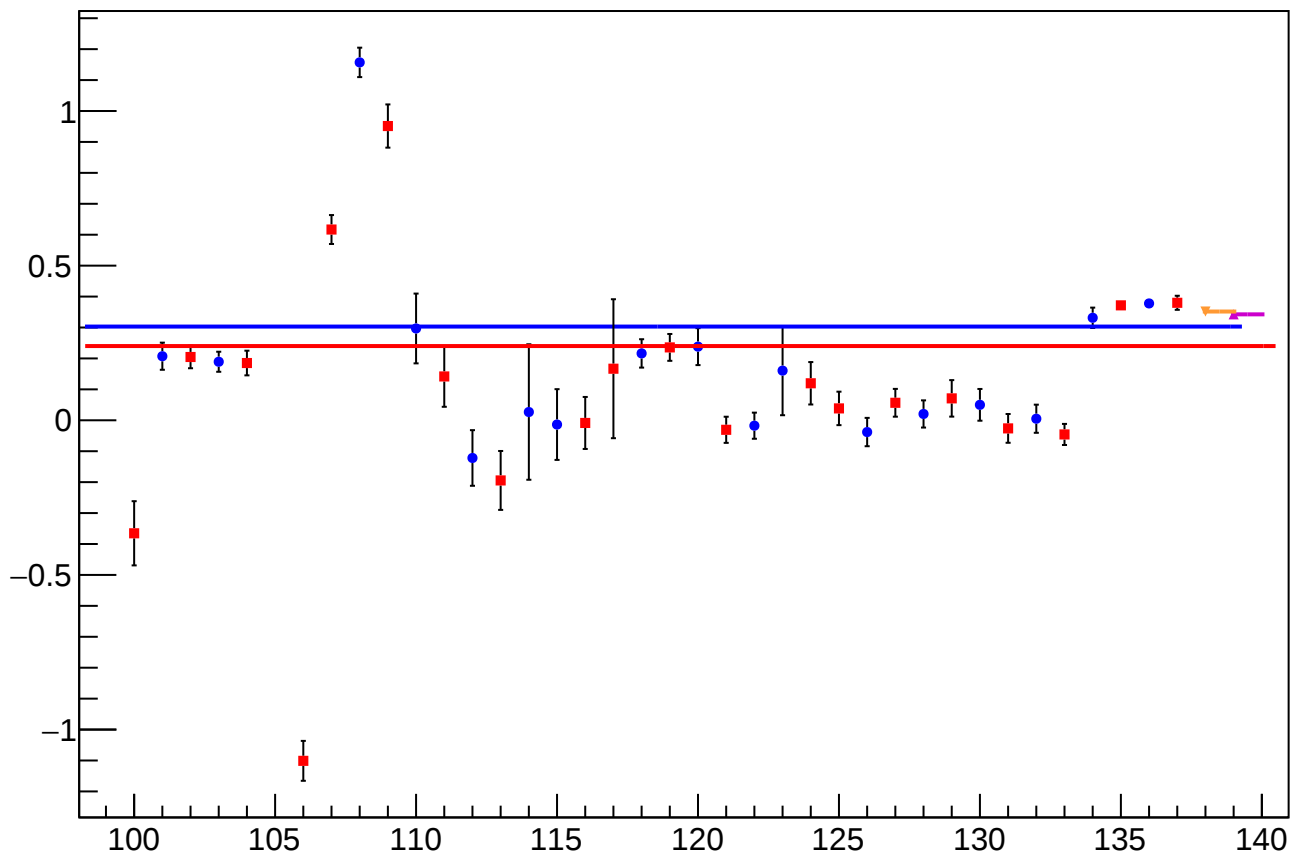
Right Out: 10.440 ± 0.160 χ^2/NDF : 3829.1/19

Left In: 12.496 ± 0.449 χ^2/NDF : 0.0/0

10.140 ± 0.144 χ^2/NDF : 3694.0/17

10.672 ± 0.151 χ^2/NDF : 3847.7/20

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 646.3/16

Left Out: 0.352 $\pm$ 0.012 χ^2 /NDF: 0.0/0

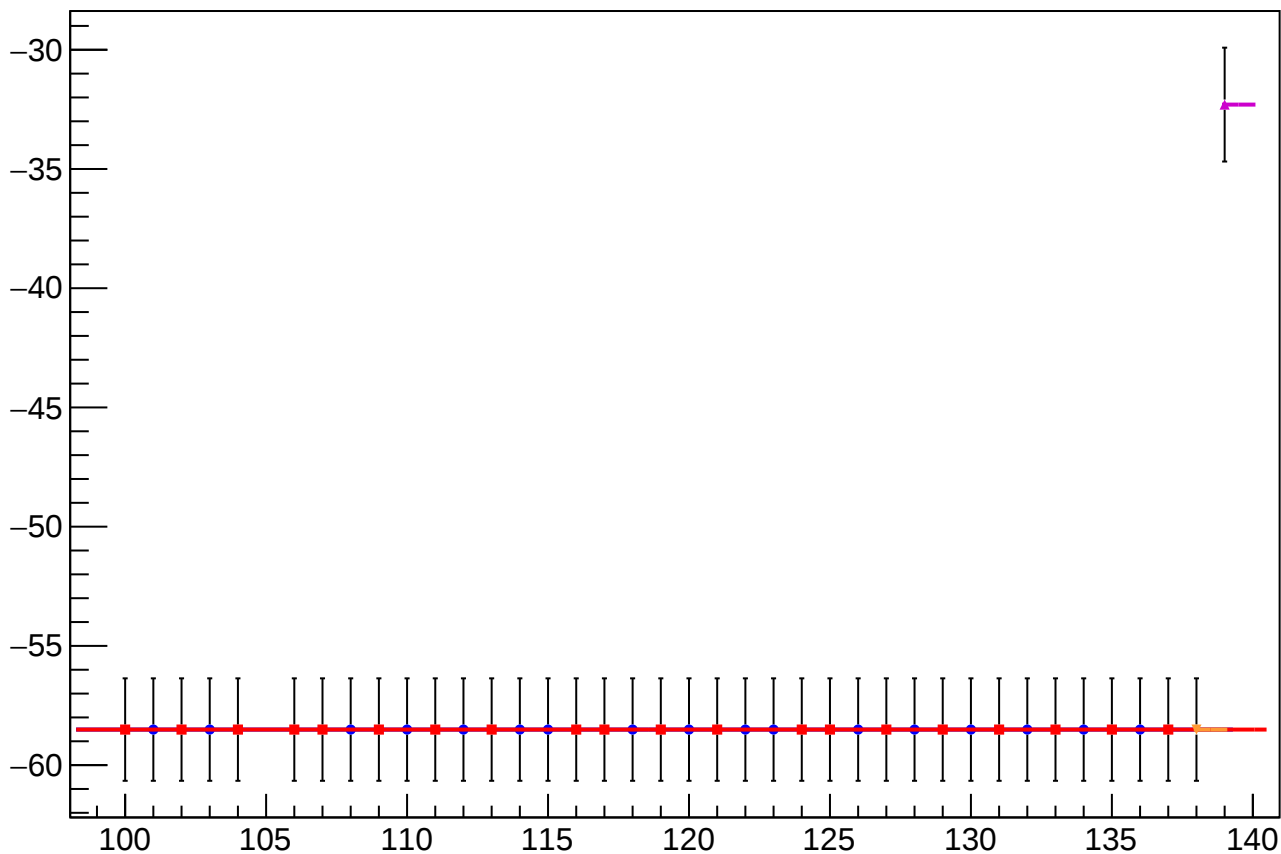
Right Out: 0.240 $\pm$ 0.009 χ^2 /NDF: 984.5/19

Left In: 0.343 $\pm$ 0.010 χ^2 /NDF: 0.0/0

0.319 $\pm$ 0.007 χ^2 /NDF: 658.1/17

0.284 $\pm$ 0.006 χ^2 /NDF: 1045.9/20

reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: -58.509 $\pm$ 0.521 χ^2 /NDF: 0.0/16

Left Out: -58.509 $\pm$ 2.148 χ^2 /NDF: 0.0/0

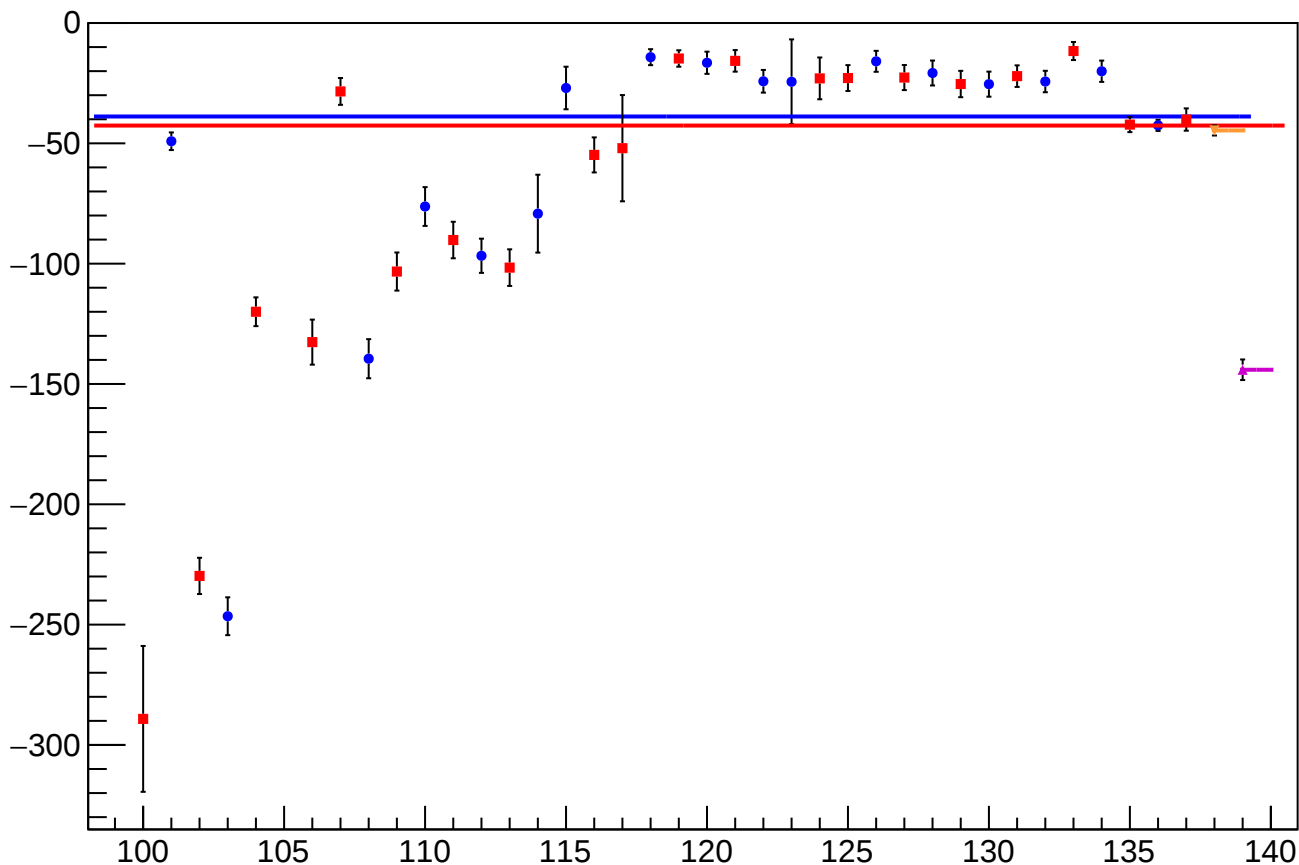
Right Out: -58.509 $\pm$ 0.480 χ^2 /NDF: 0.0/19

Left In: -32.300 $\pm$ 2.387 χ^2 /NDF: 0.0/0

-58.509 $\pm$ 0.506 χ^2 /NDF: 0.0/17

-57.489 $\pm$ 0.471 χ^2 /NDF: 115.8/20

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -38.844 ± 1.148 $\chi^2/\text{NDF}: 1121.9/16$

Left Out: -44.638 ± 2.106 $\chi^2/\text{NDF}: 0.0/0$

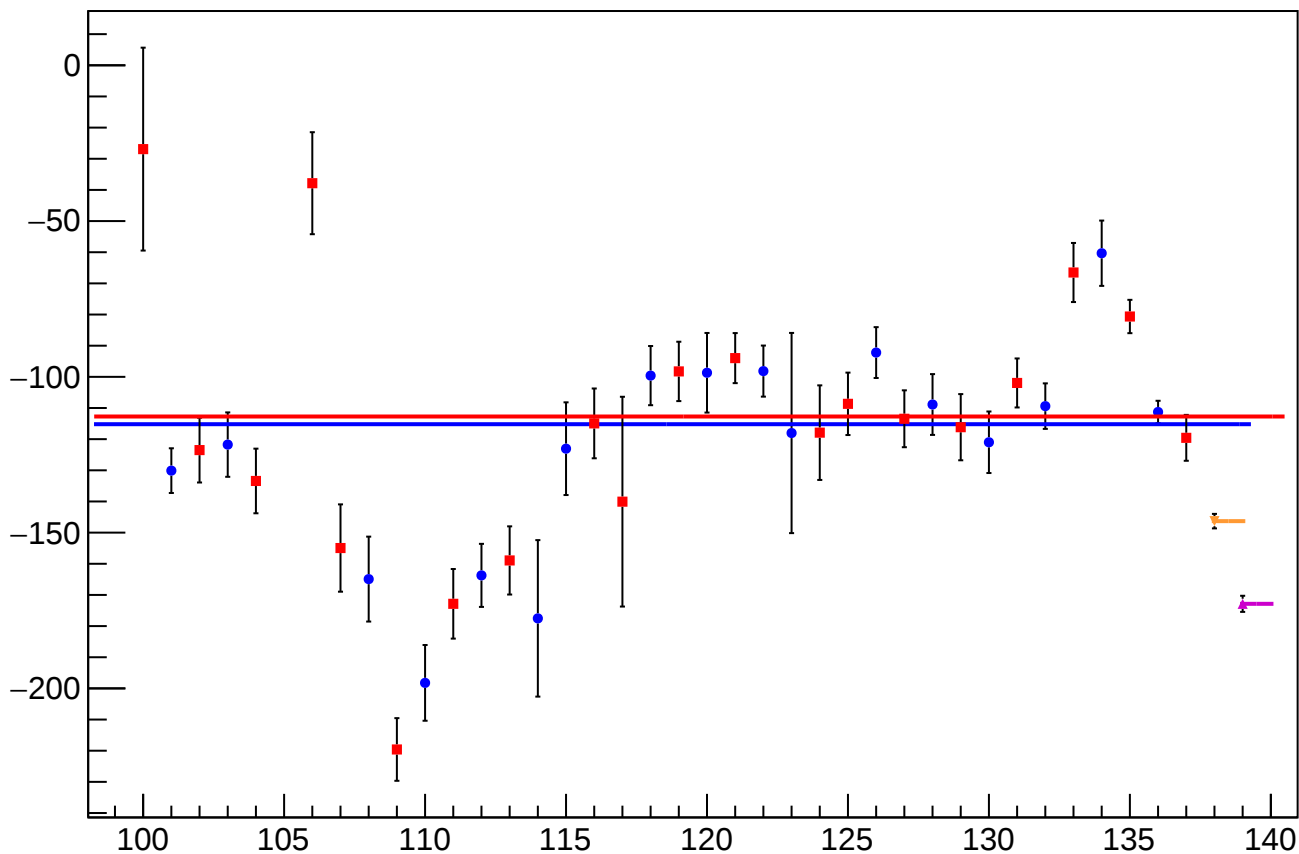
Right Out: -42.614 ± 1.208 $\chi^2/\text{NDF}: 1345.9/19$

Left In: -144.093 ± 4.281 $\chi^2/\text{NDF}: 0.0/0$

-40.172 ± 1.008 $\chi^2/\text{NDF}: 1127.8/17$

-50.101 ± 1.163 $\chi^2/\text{NDF}: 1866.2/20$

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -115.199+/-2.081 χ^2/NDF : 140.8/16

Left Out: -146.314+/-2.329 χ^2/NDF : 0.0/0

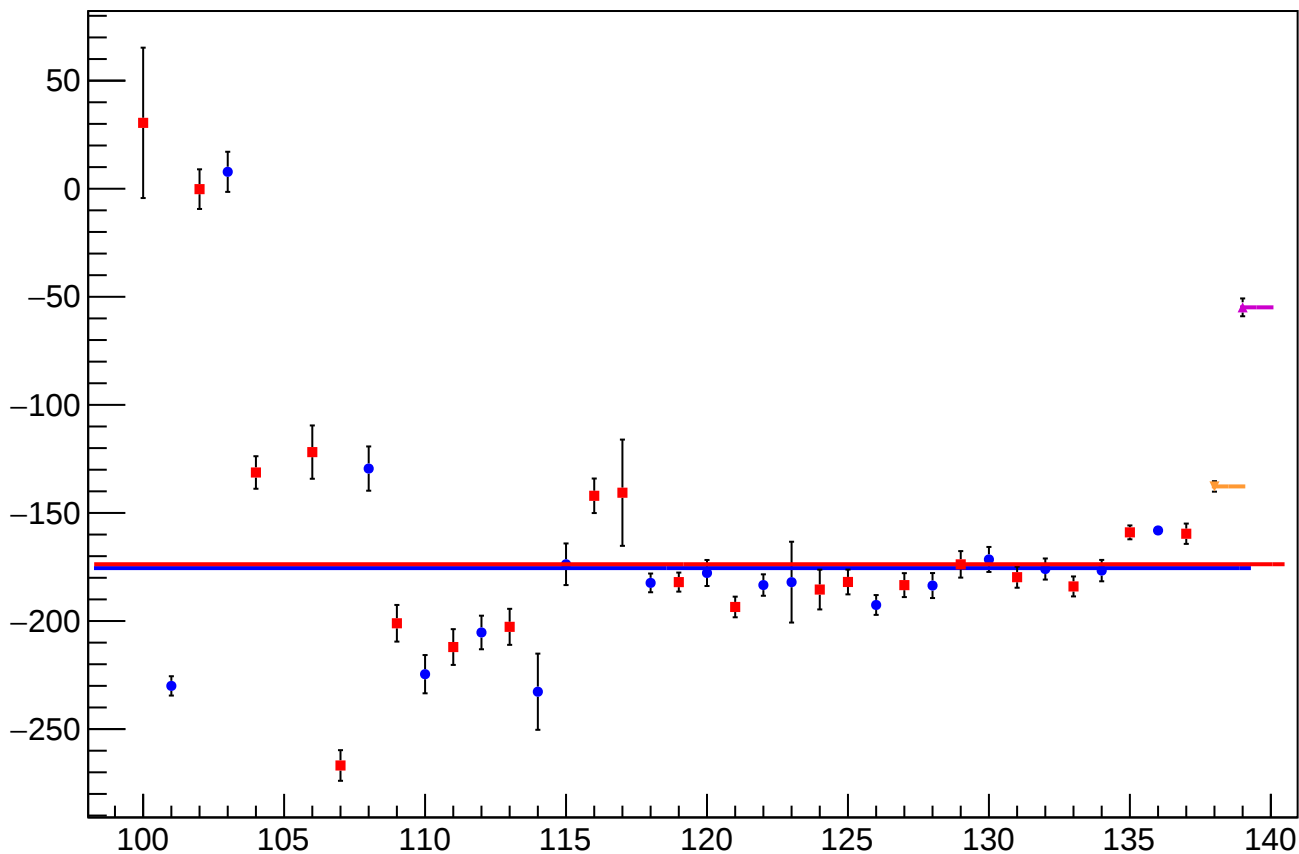
Right Out: -112.729+/-2.205 χ^2/NDF : 273.1/19

Left In: -172.856+/-2.587 χ^2/NDF : 0.0/0

-129.016+/-1.552 χ^2/NDF : 240.0/17

-138.028+/-1.678 χ^2/NDF : 586.1/20

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.521 ± 1.277 χ^2/NDF : 692.3/16

Left Out: -137.730 ± 2.424 χ^2/NDF : 0.0/0

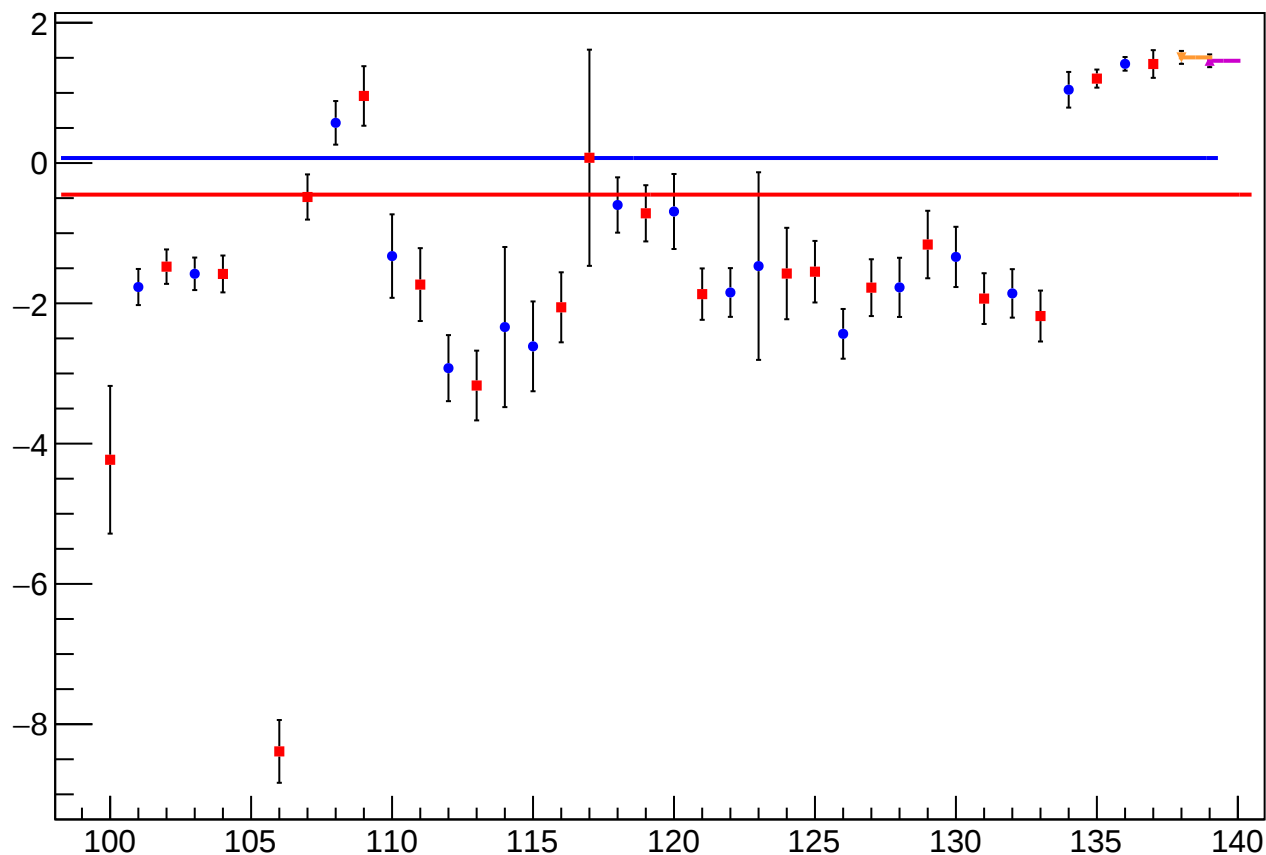
Right Out: -173.729 ± 1.354 χ^2/NDF : 739.7/19

Left In: -54.878 ± 4.120 χ^2/NDF : 0.0/0

-167.310 ± 1.130 χ^2/NDF : 882.6/17

-162.138 ± 1.287 χ^2/NDF : 1490.6/20

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.072 $\pm$ 0.067 χ^2 /NDF: 525.2/16

Left Out: 1.506 $\pm$ 0.092 χ^2 /NDF: 0.0/0

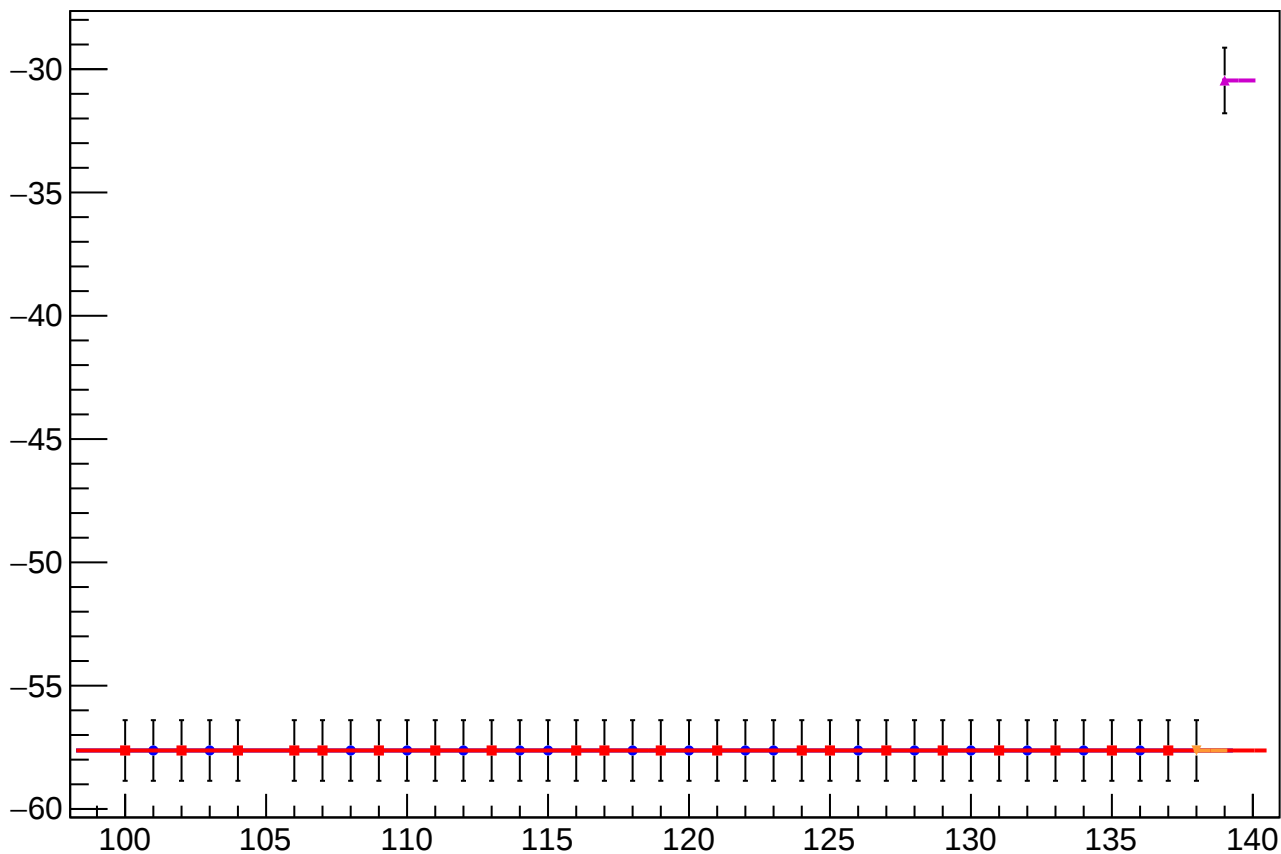
Right Out: -0.450 $\pm$ 0.071 χ^2 /NDF: 751.4/19

Left In: 1.458 $\pm$ 0.091 χ^2 /NDF: 0.0/0

0.568 $\pm$ 0.054 χ^2 /NDF: 683.0/17

0.276 $\pm$ 0.056 χ^2 /NDF: 1024.4/20

reg_asym_sam3_diff_bpm1X_slope vs Slug



Right In: -57.628 $\pm$ 0.298 χ^2 /NDF: 0.0/16

Left Out: -57.628 $\pm$ 1.229 χ^2 /NDF: 0.0/0

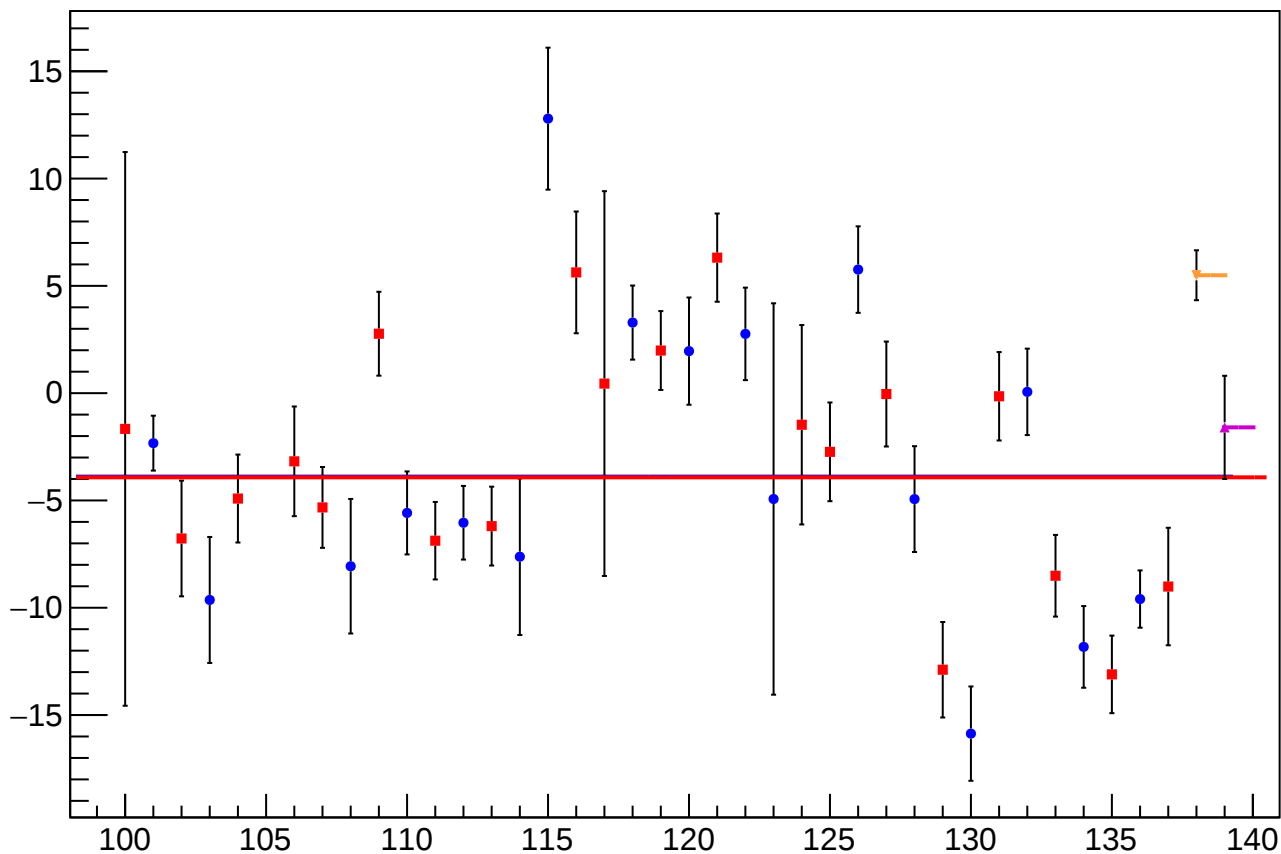
Right Out: -57.628 $\pm$ 0.275 χ^2 /NDF: 0.0/19

Left In: -30.458 $\pm$ 1.330 χ^2 /NDF: 0.0/0

-57.628 $\pm$ 0.290 χ^2 /NDF: 0.0/17

-56.515 $\pm$ 0.269 χ^2 /NDF: 400.1/20

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.890+/-0.498 χ^2/NDF : 160.5/16

Left Out: 5.495+/-1.164 χ^2/NDF : 0.0/0

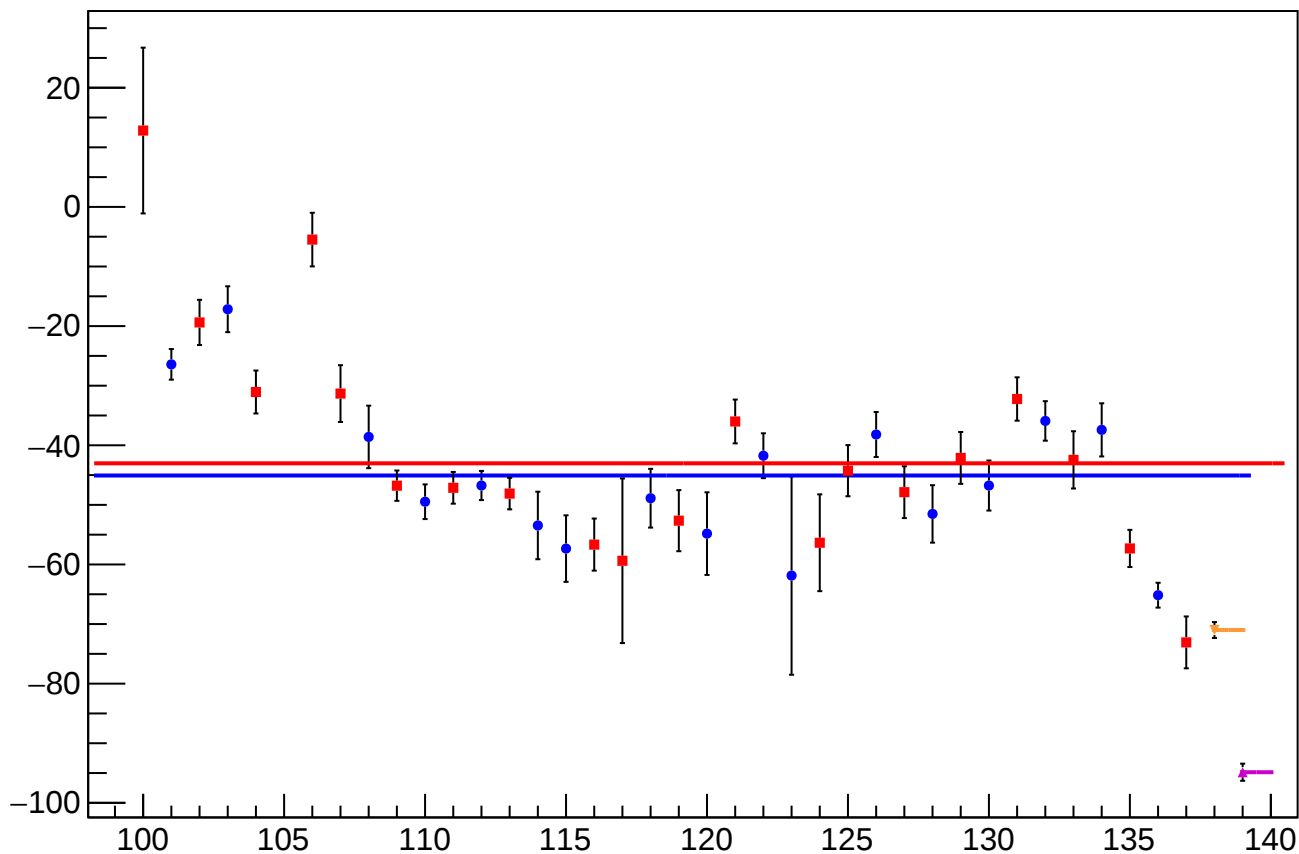
Right Out: -3.923+/-0.506 χ^2/NDF : 122.4/19

Left In: -1.594+/-2.404 χ^2/NDF : 0.0/0

-2.436+/-0.458 χ^2/NDF : 215.4/17

-3.824+/-0.495 χ^2/NDF : 123.3/20

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.070 ± 0.883 χ^2/NDF : 229.7/16

Left Out: -71.002 ± 1.332 χ^2/NDF : 0.0/0

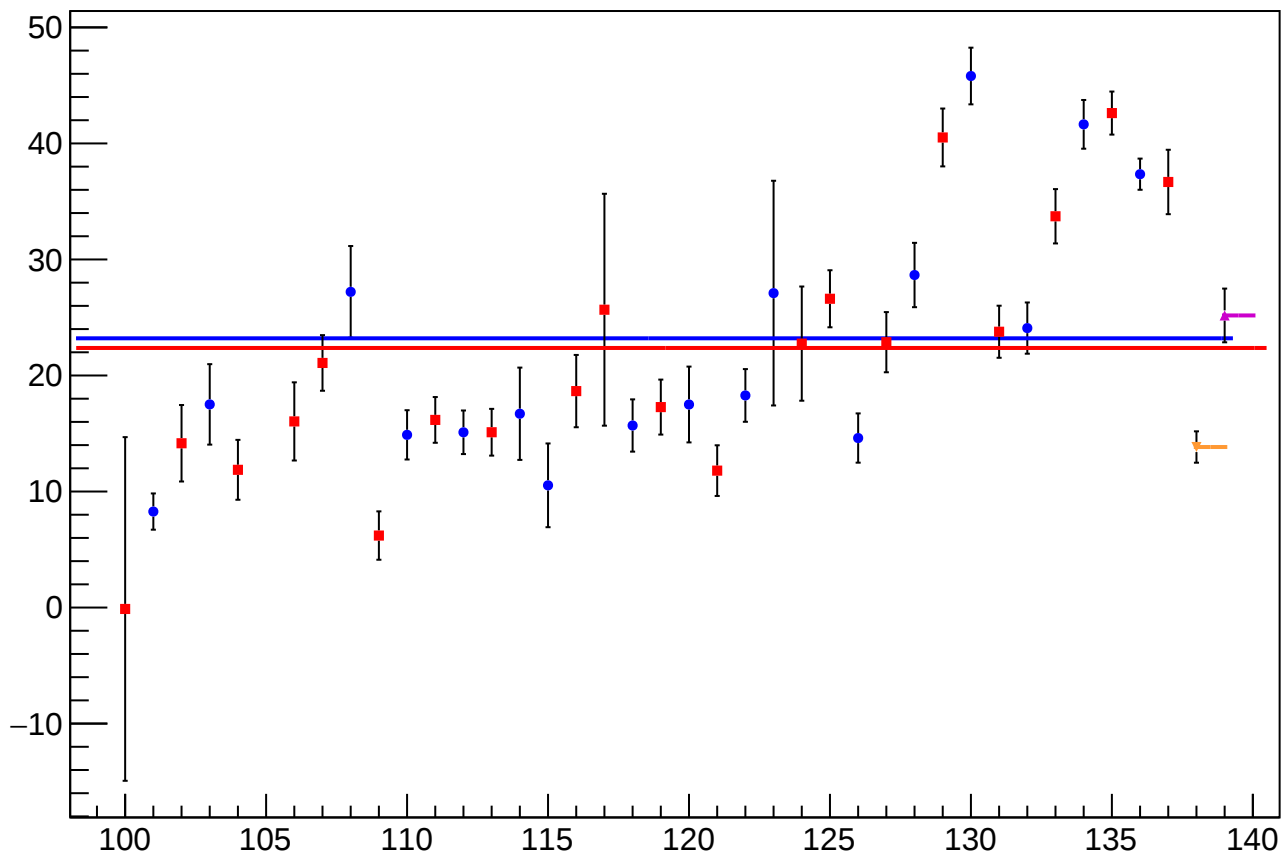
Right Out: -43.025 ± 0.876 χ^2/NDF : 249.7/19

Left In: -94.863 ± 1.439 χ^2/NDF : 0.0/0

-52.991 ± 0.736 χ^2/NDF : 492.9/17

-57.040 ± 0.748 χ^2/NDF : 1196.3/20

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.205 $\pm$ 0.559 χ^2 /NDF: 457.3/16

Left Out: 13.835 $\pm$ 1.352 χ^2 /NDF: 0.0/0

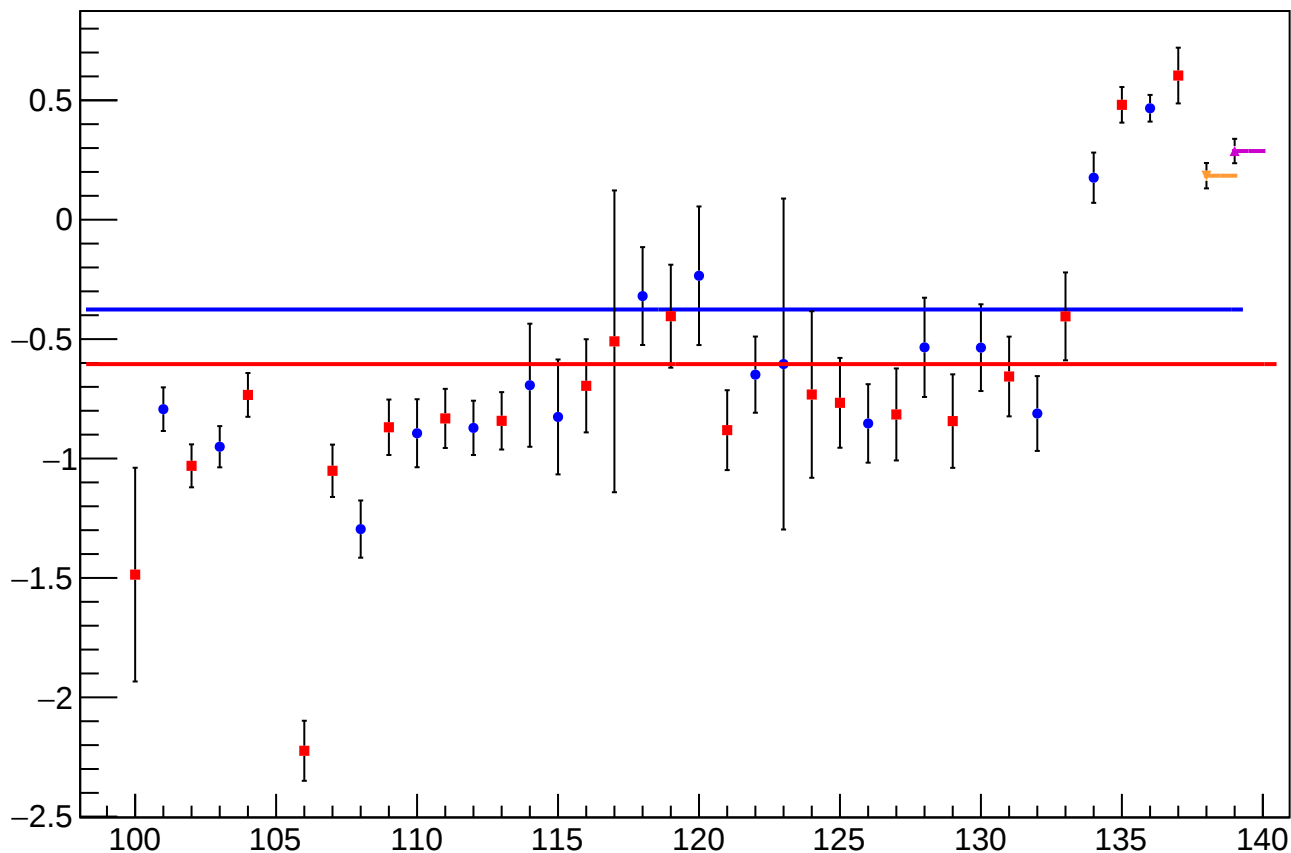
Right Out: 22.372 $\pm$ 0.572 χ^2 /NDF: 367.0/19

Left In: 25.175 $\pm$ 2.315 χ^2 /NDF: 0.0/0

21.838 $\pm$ 0.516 χ^2 /NDF: 498.3/17

22.533 $\pm$ 0.555 χ^2 /NDF: 368.4/20

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.376 ± 0.030 $\chi^2/\text{NDF}: 437.3/16$

Left Out: 0.184 ± 0.053 $\chi^2/\text{NDF}: 0.0/0$

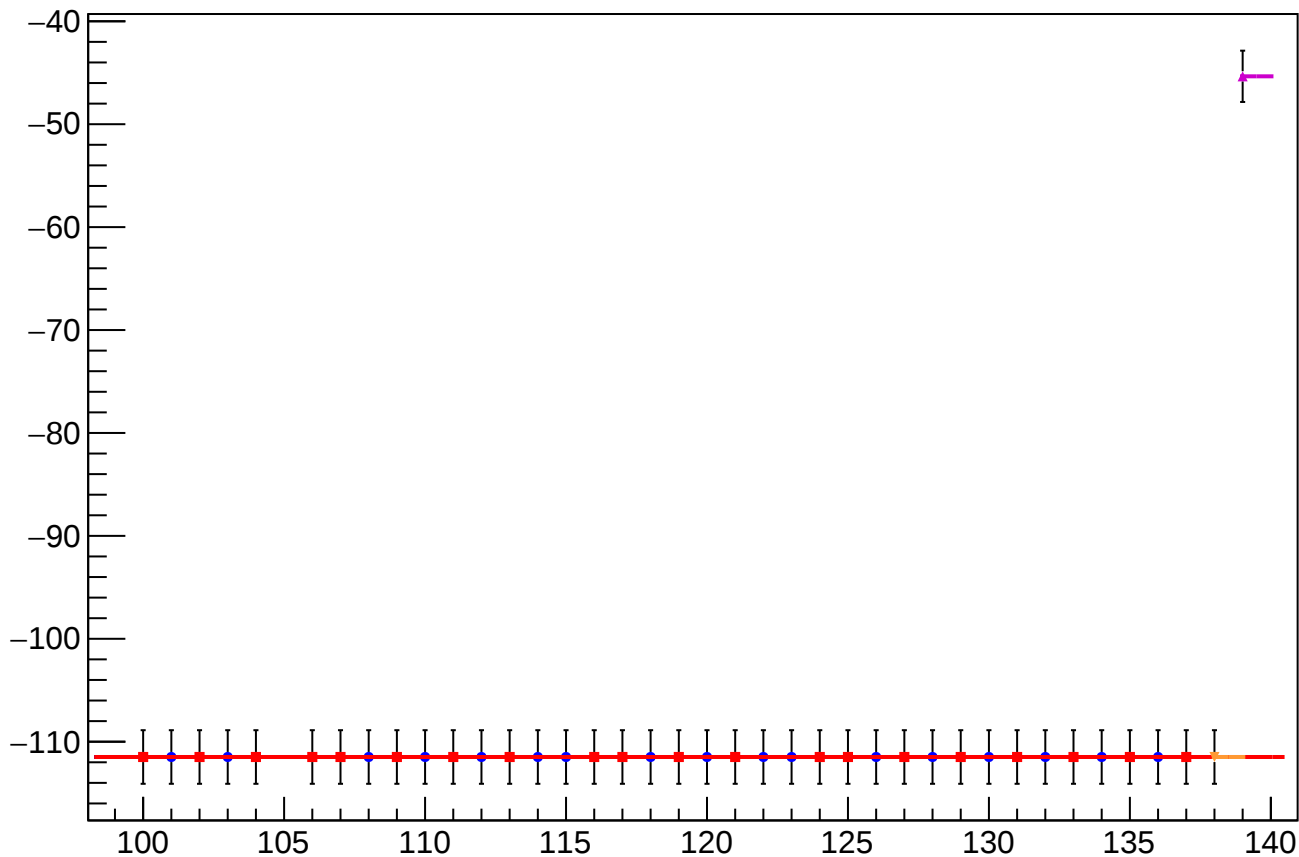
Right Out: -0.605 ± 0.030 $\chi^2/\text{NDF}: 551.2/19$

Left In: 0.288 ± 0.051 $\chi^2/\text{NDF}: 0.0/0$

-0.240 ± 0.026 $\chi^2/\text{NDF}: 521.5/17$

-0.374 ± 0.026 $\chi^2/\text{NDF}: 777.4/20$

reg_asym_sam4_diff_bpm1X_slope vs Slug



Right In: -111.486+/-0.632 χ^2/NDF : 0.0/16

Left Out: -111.486+/-2.604 χ^2/NDF : 0.0/0

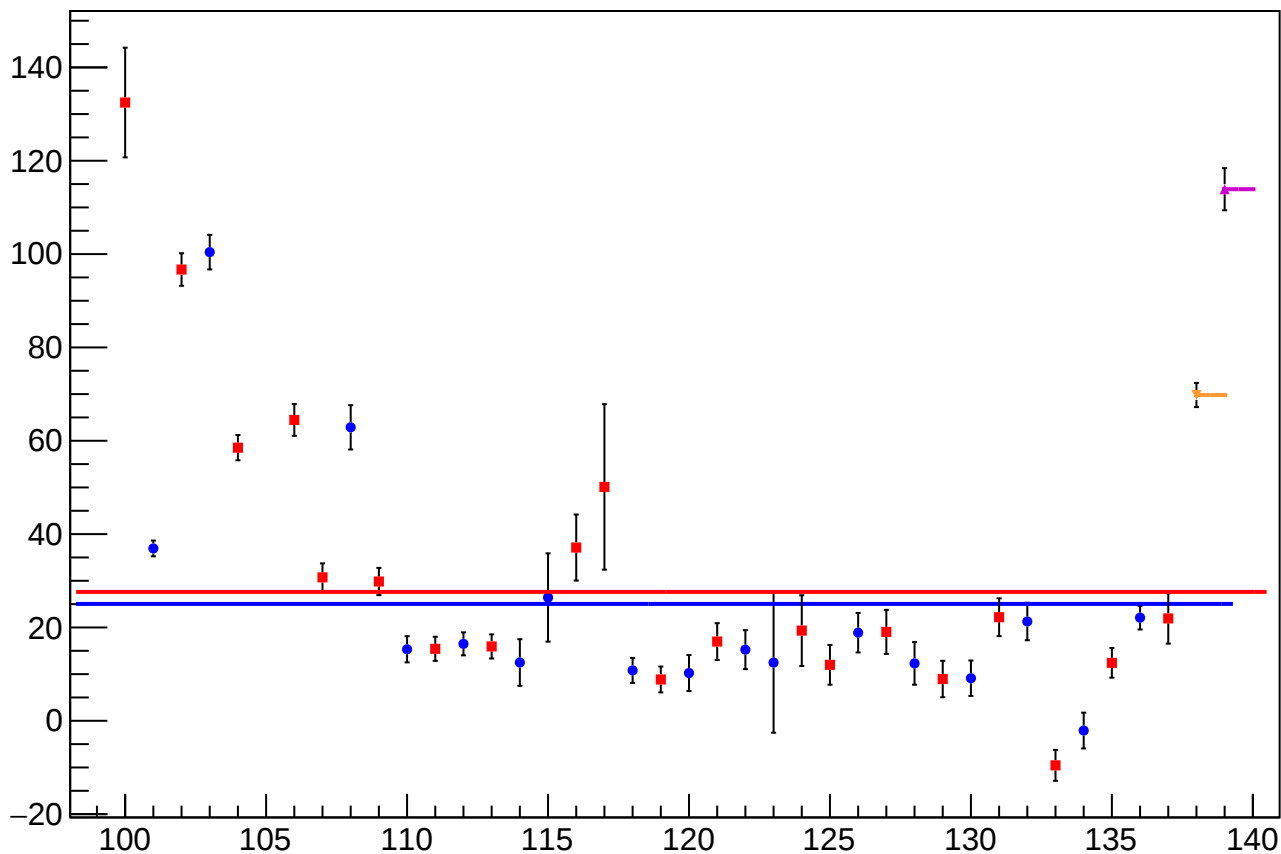
Right Out: -111.486+/-0.582 χ^2/NDF : 0.0/19

Left In: -45.347+/-2.492 χ^2/NDF : 0.0/0

-111.486+/-0.614 χ^2/NDF : 0.0/17

-108.063+/-0.567 χ^2/NDF : 667.7/20

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 25.045 $\pm$ 0.806 χ^2 /NDF: 686.4/16

Left Out: 69.806 $\pm$ 2.593 χ^2 /NDF: 0.0/0

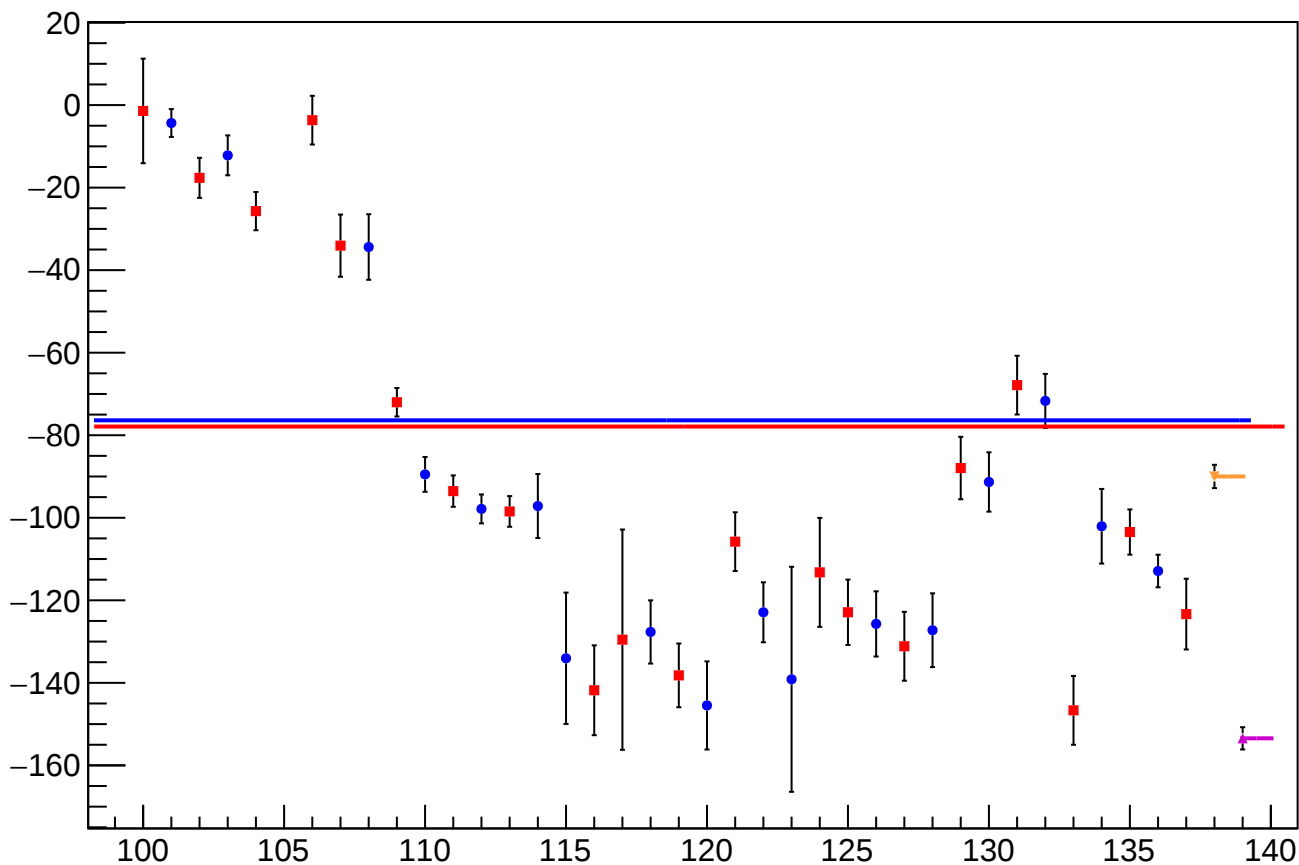
Right Out: 27.620 $\pm$ 0.809 χ^2 /NDF: 1014.4/19

Left In: 113.900 $\pm$ 4.517 χ^2 /NDF: 0.0/0

28.992 $\pm$ 0.770 χ^2 /NDF: 958.2/17

30.303 $\pm$ 0.796 χ^2 /NDF: 1367.9/20

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.392 $\pm$ 1.416 χ^2 /NDF: 1031.9/16

Left Out: -89.988 $\pm$ 2.823 χ^2 /NDF: 0.0/0

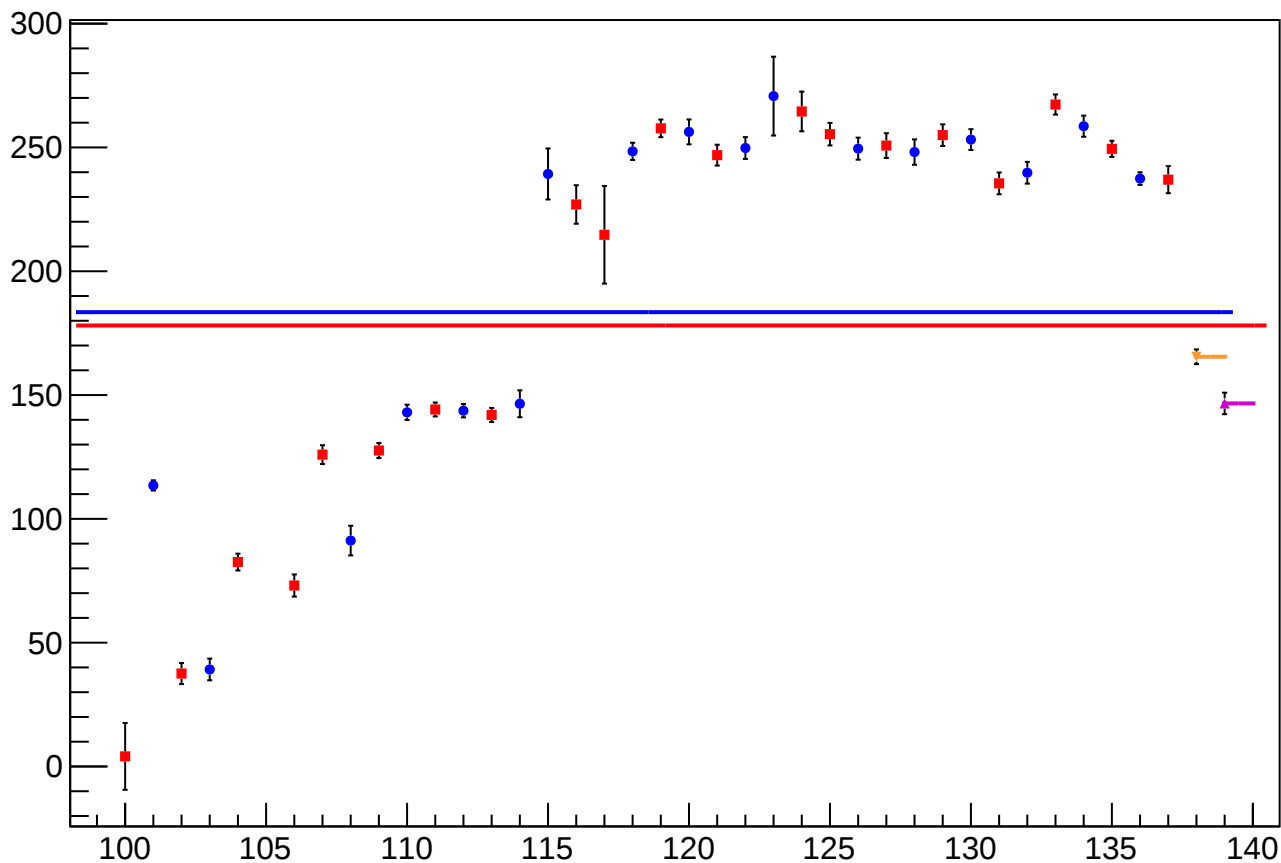
Right Out: -77.894 $\pm$ 1.351 χ^2 /NDF: 876.4/19

Left In: -153.443 $\pm$ 2.695 χ^2 /NDF: 0.0/0

-79.126 $\pm$ 1.266 χ^2 /NDF: 1050.5/17

-93.065 $\pm$ 1.208 χ^2 /NDF: 1504.3/20

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 183.478 $\pm$ 0.919 χ^2 /NDF: 5331.4/16

Left Out: 165.473 $\pm$ 2.973 χ^2 /NDF: 0.0/0

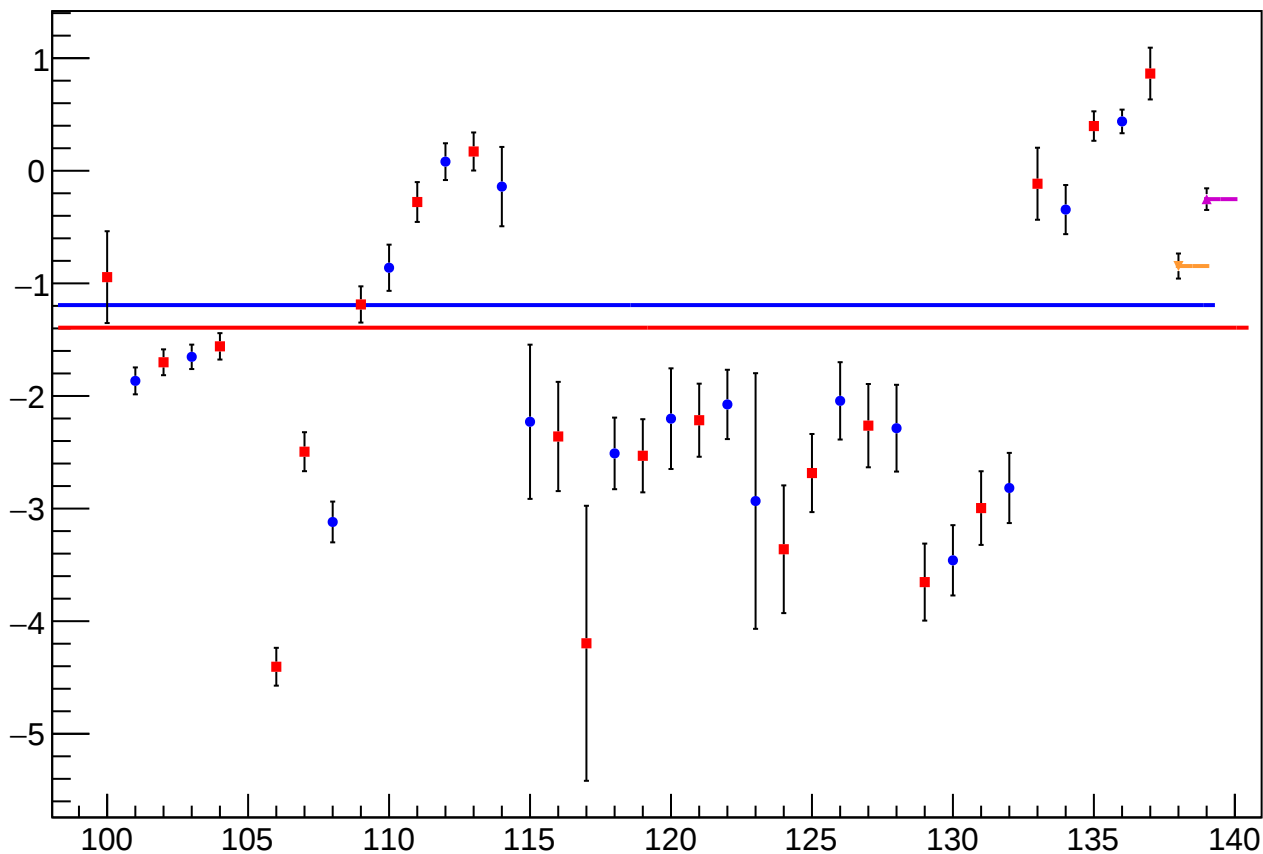
Right Out: 178.092 $\pm$ 0.923 χ^2 /NDF: 6349.2/19

Left In: 146.612 $\pm$ 4.351 χ^2 /NDF: 0.0/0

181.909 $\pm$ 0.878 χ^2 /NDF: 5364.9/17

176.736 $\pm$ 0.903 χ^2 /NDF: 6399.3/20

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.193+/-0.048 χ^2/NDF : 621.7/16

Left Out: -0.846+/-0.111 χ^2/NDF : 0.0/0

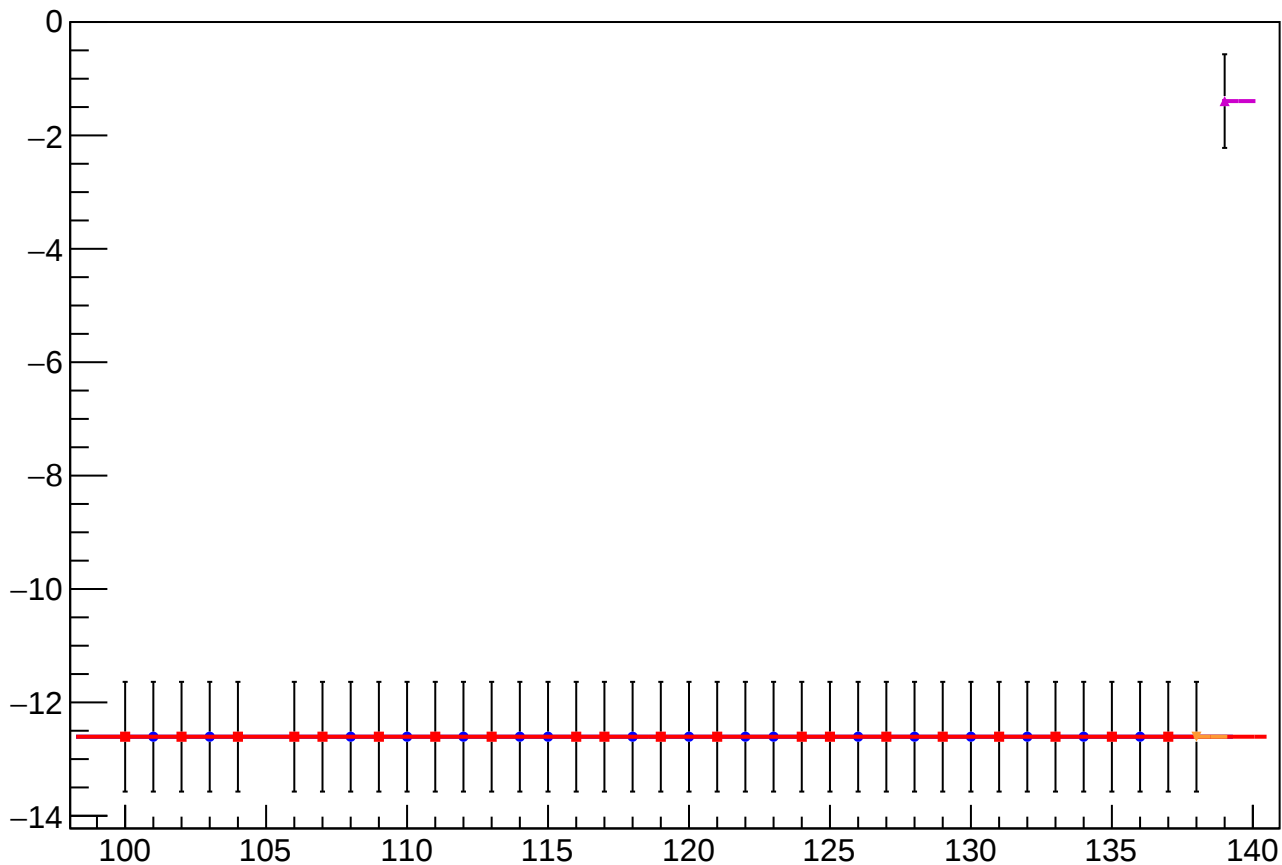
Right Out: -1.393+/-0.046 χ^2/NDF : 925.8/19

Left In: -0.252+/-0.096 χ^2/NDF : 0.0/0

-1.138+/-0.044 χ^2/NDF : 629.8/17

-1.182+/-0.041 χ^2/NDF : 1040.9/20

reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: -12.605 $\pm$ 0.235 χ^2 /NDF: 0.0/16

Left Out: -12.605 $\pm$ 0.968 χ^2 /NDF: 0.0/0

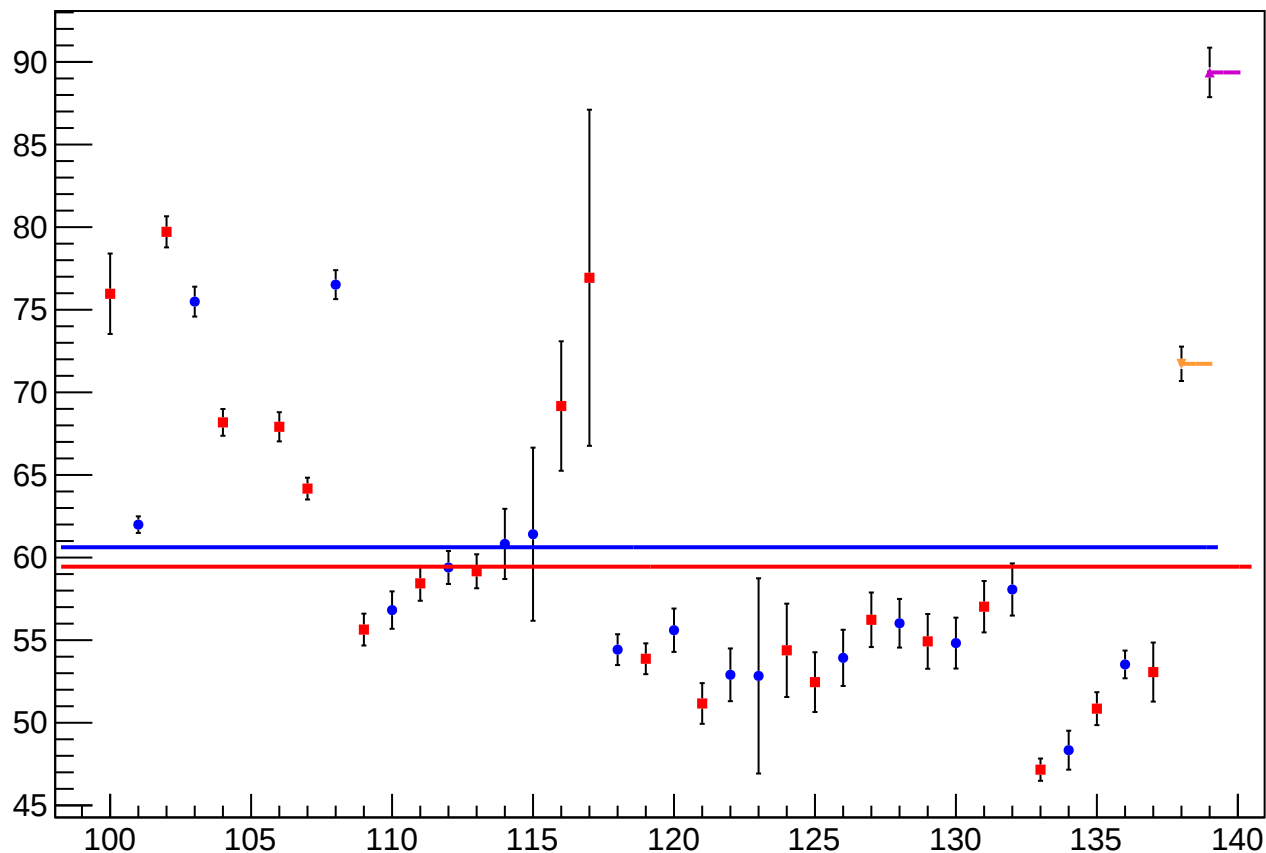
Right Out: -12.605 $\pm$ 0.216 χ^2 /NDF: 0.0/19

Left In: -1.395 $\pm$ 0.826 χ^2 /NDF: 0.0/0

-12.605 $\pm$ 0.228 χ^2 /NDF: 0.0/17

-11.885 $\pm$ 0.209 χ^2 /NDF: 172.5/20

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.625 $\pm$ 0.263 χ^2 /NDF: 924.6/16

Left Out: 71.727 $\pm$ 1.041 χ^2 /NDF:0.0/0

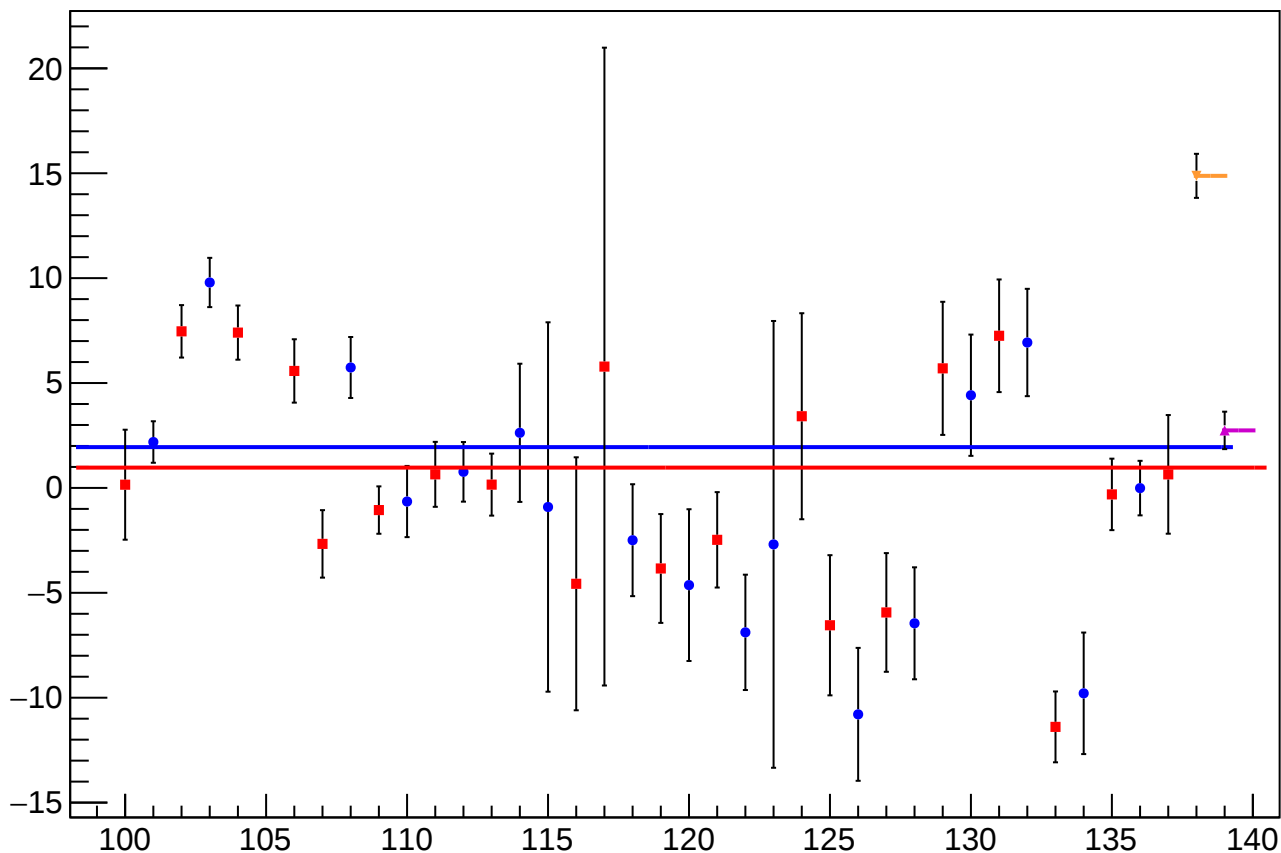
Right Out: 59.448 $\pm$ 0.248 χ^2 /NDF: 1326.3/19

Left In: 89.366 $\pm$ 1.498 χ^2 /NDF:0.0/0

61.291 $\pm$ 0.255 χ^2 /NDF: 1031.4/17

60.244 $\pm$ 0.244 χ^2 /NDF: 1714.5/20

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.945 $\pm$ 0.459 χ^2/NDF : 120.6/16

Left Out: 14.876 $\pm$ 1.050 χ^2/NDF : 0.0/0

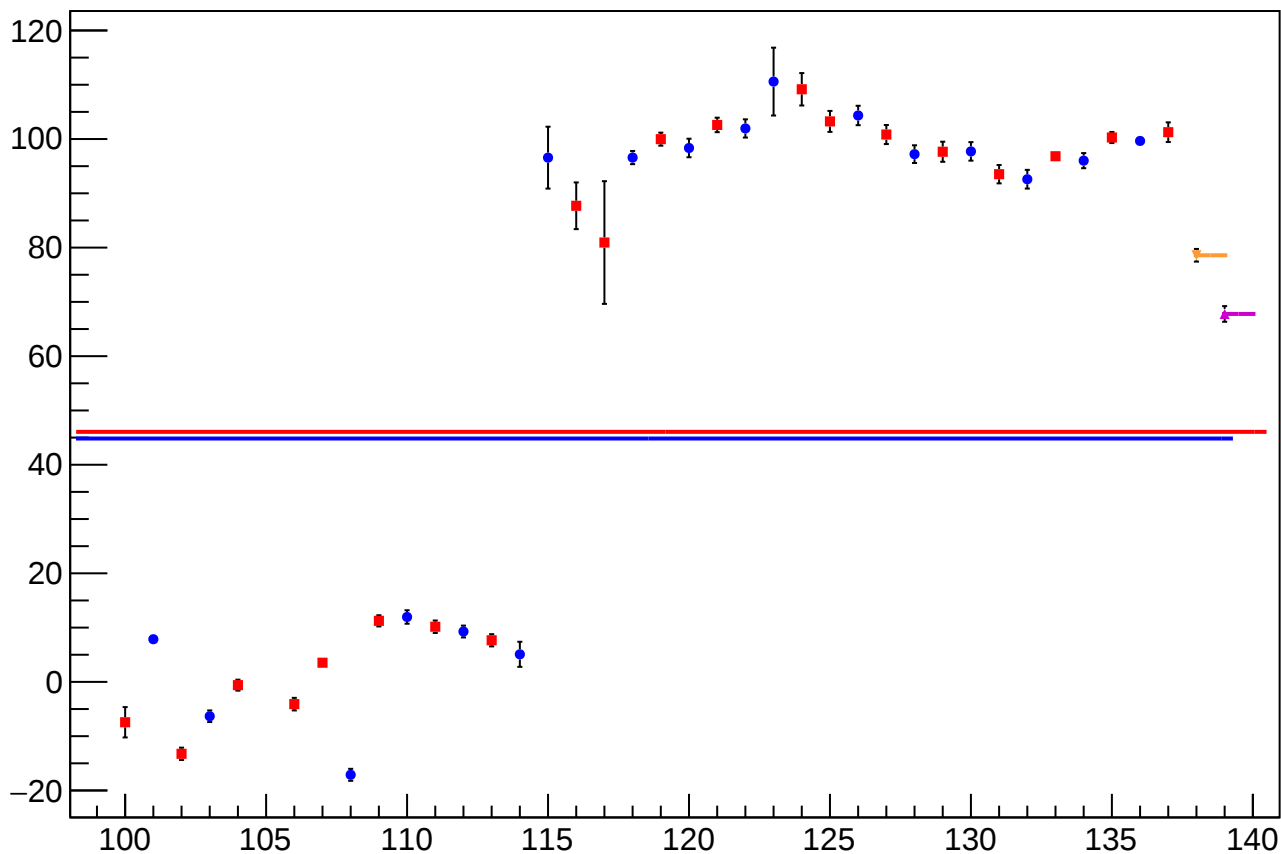
Right Out: 0.968 $\pm$ 0.424 χ^2/NDF : 149.6/19

Left In: 2.742 $\pm$ 0.892 χ^2/NDF : 0.0/0

4.019 $\pm$ 0.420 χ^2/NDF : 248.0/17

1.295 $\pm$ 0.383 χ^2/NDF : 152.9/20

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 44.829+/-0.305 χ^2/NDF : 24763.1/16

Left Out: 78.587+/-1.169 χ^2/NDF : 0.0/0

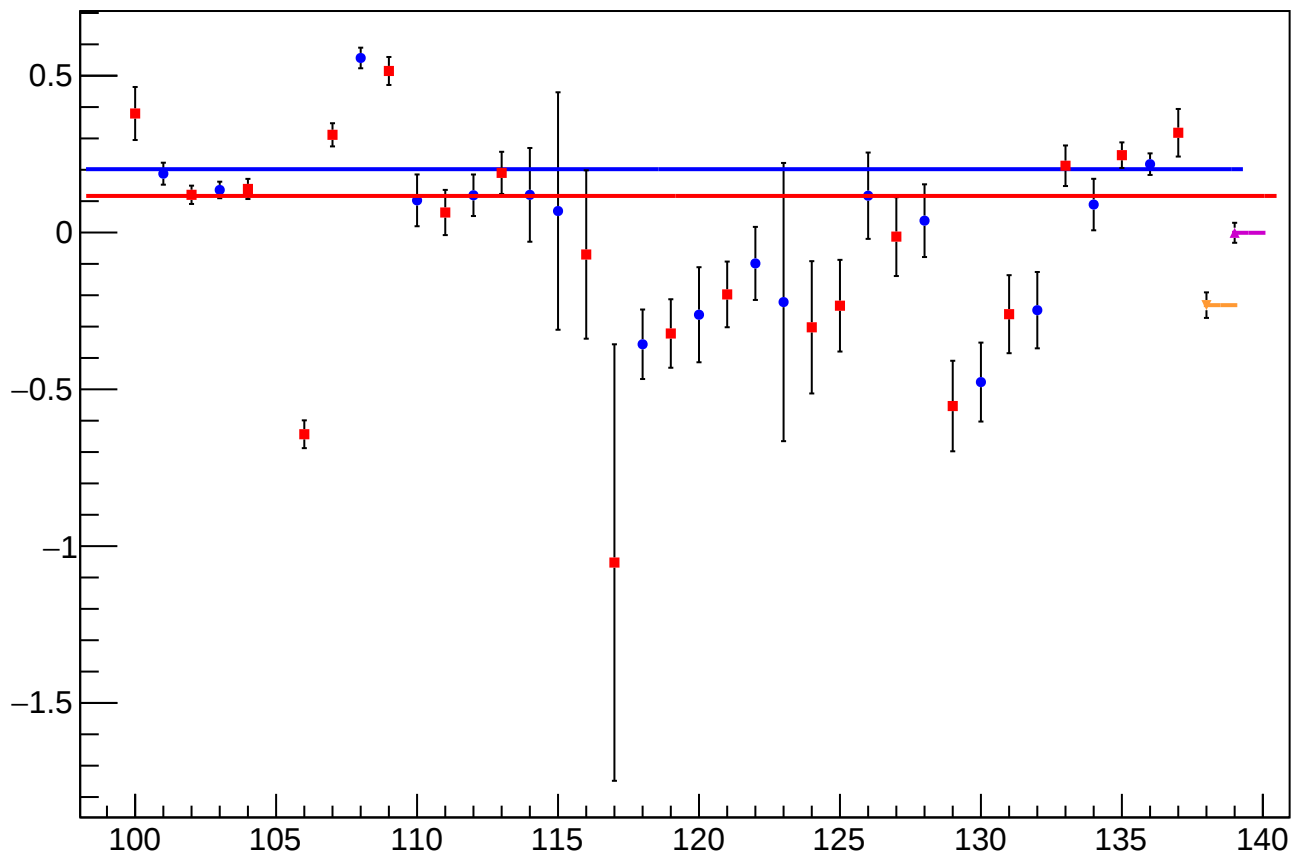
Right Out: 46.062+/-0.289 χ^2/NDF : 28272.9/19

Left In: 67.780+/-1.443 χ^2/NDF : 0.0/0

46.977+/-0.295 χ^2/NDF : 25544.3/17

46.902+/-0.284 χ^2/NDF : 28490.6/20

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.202 ± 0.014 χ^2/NDF : 216.0/16

Left Out: -0.232 ± 0.041 χ^2/NDF : 0.0/0

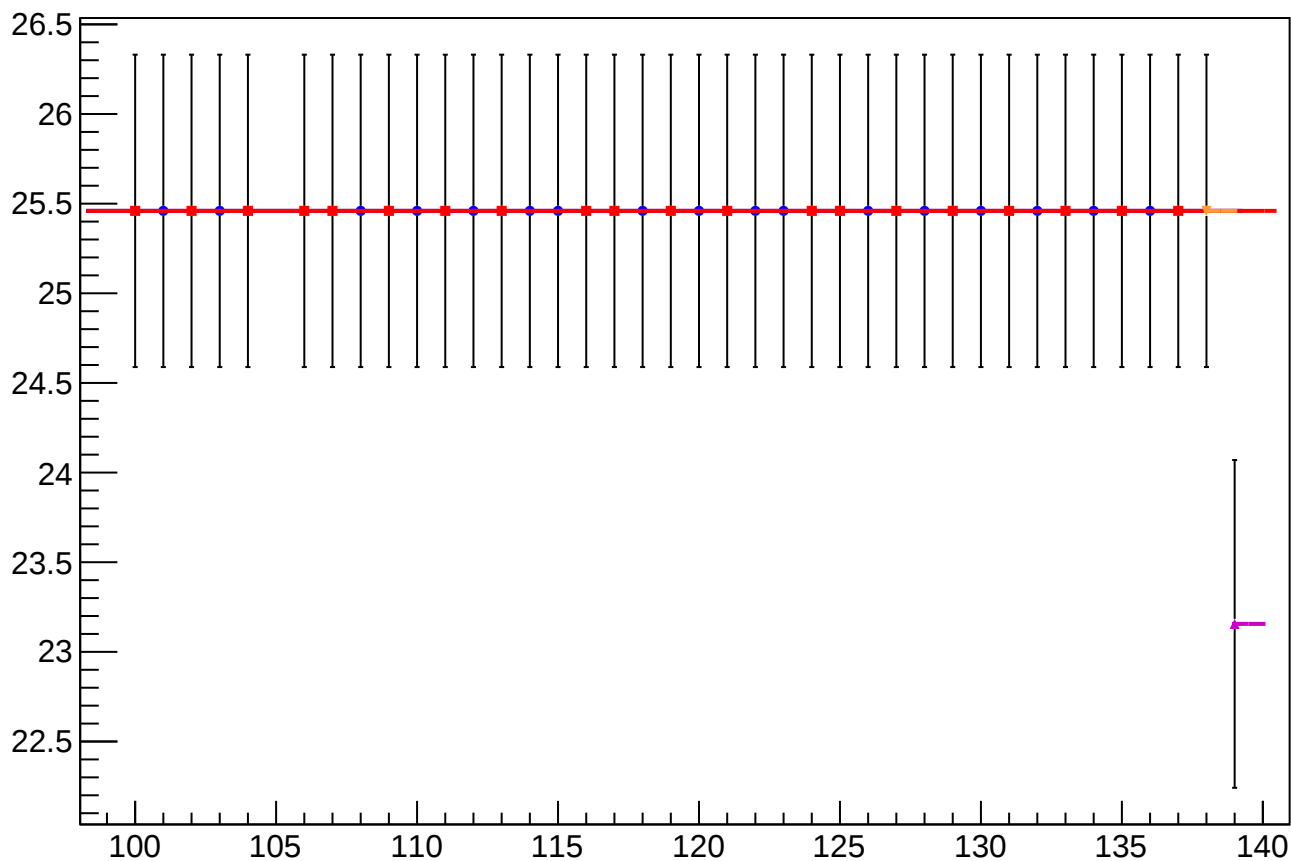
Right Out: 0.117 ± 0.013 χ^2/NDF : 502.5/19

Left In: -0.001 ± 0.032 χ^2/NDF : 0.0/0

0.156 ± 0.013 χ^2/NDF : 317.2/17

0.100 ± 0.012 χ^2/NDF : 514.1/20

reg_asym_sam6_diff_bpm1X_slope vs Slug



Right In: 25.460 $\pm$ 0.211 χ^2 /NDF: 0.0/16

Left Out: 25.460 $\pm$ 0.871 χ^2 /NDF: 0.0/0

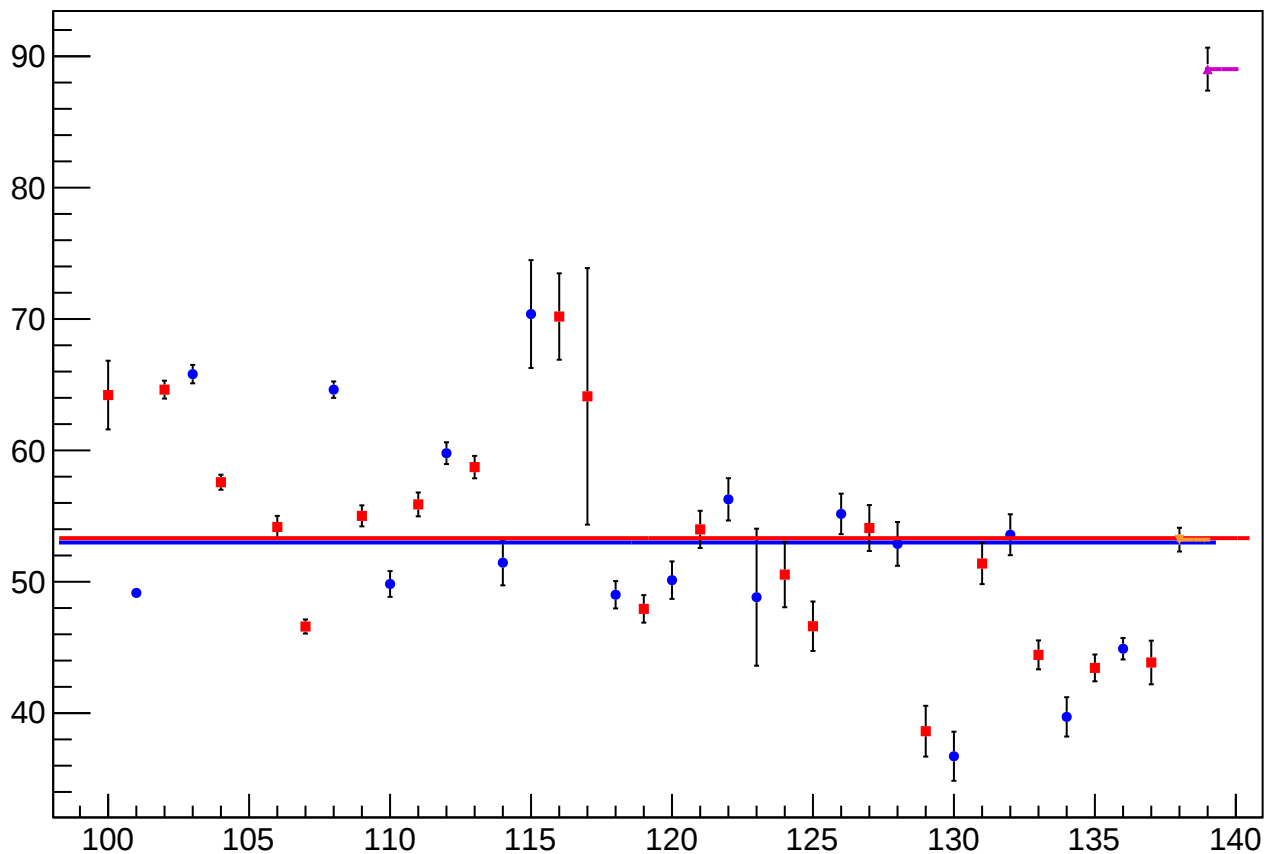
Right Out: 25.460 $\pm$ 0.195 χ^2 /NDF: 0.0/19

Left In: 23.156 $\pm$ 0.914 χ^2 /NDF: 0.0/0

25.460 $\pm$ 0.205 χ^2 /NDF: 0.0/17

25.360 $\pm$ 0.191 χ^2 /NDF: 6.1/20

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 52.989+/-0.211 χ^2/NDF : 1198.0/16

Left Out: 53.206+/-0.903 χ^2/NDF : 0.0/0

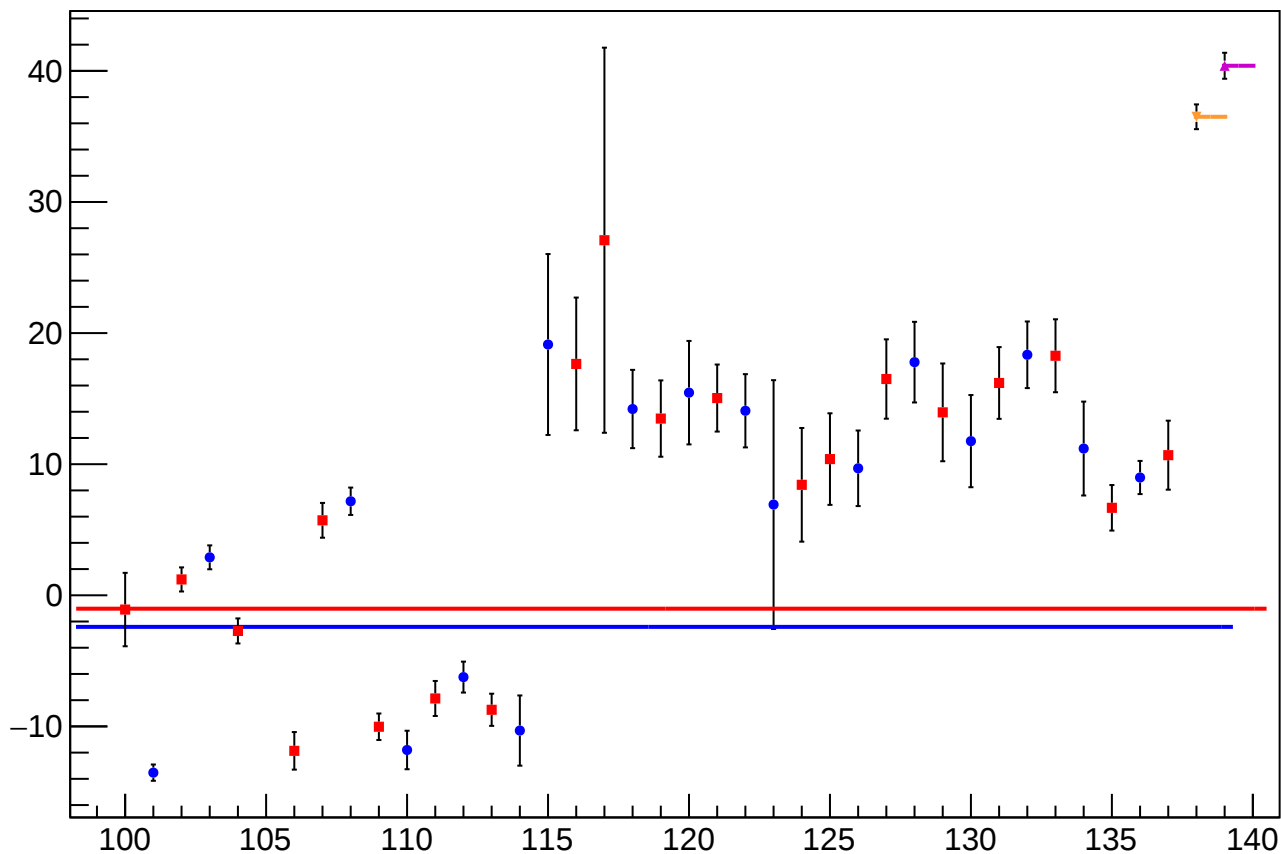
Right Out: 53.320+/-0.227 χ^2/NDF : 876.8/19

Left In: 89.021+/-1.635 χ^2/NDF : 0.0/0

53.000+/-0.205 χ^2/NDF : 1198.1/17

53.994+/-0.225 χ^2/NDF : 1344.8/20

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.409 ± 0.364 χ^2/NDF : 834.6/16

Left Out: 36.499 ± 0.945 χ^2/NDF : 0.0/0

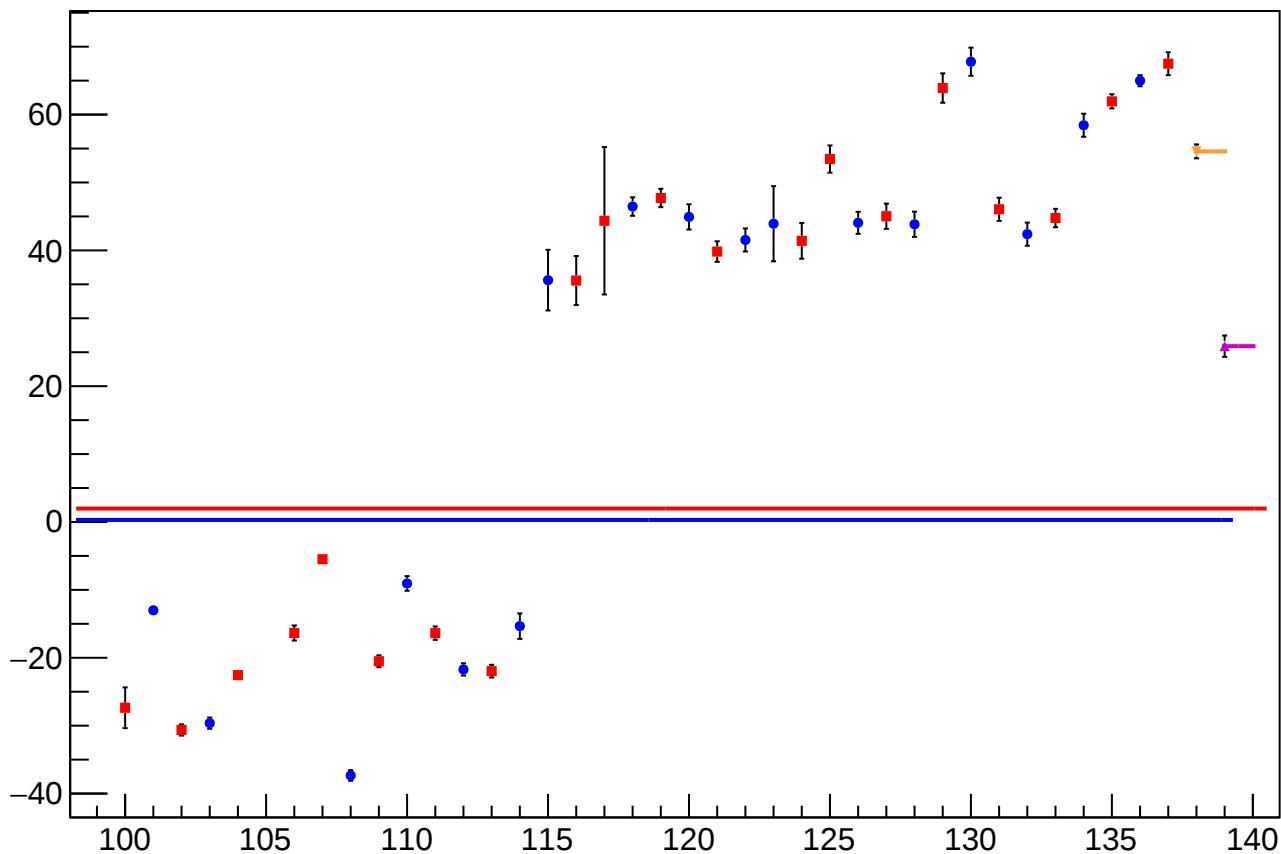
Right Out: -1.021 ± 0.377 χ^2/NDF : 511.2/19

Left In: 40.391 ± 0.991 χ^2/NDF : 0.0/0

2.627 ± 0.340 χ^2/NDF : 2310.6/17

4.215 ± 0.352 χ^2/NDF : 2037.5/20

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.300+/-0.247 χ^2/NDF : 18259.2/16

3.295+/-0.240 χ^2/NDF : 20914.8/17

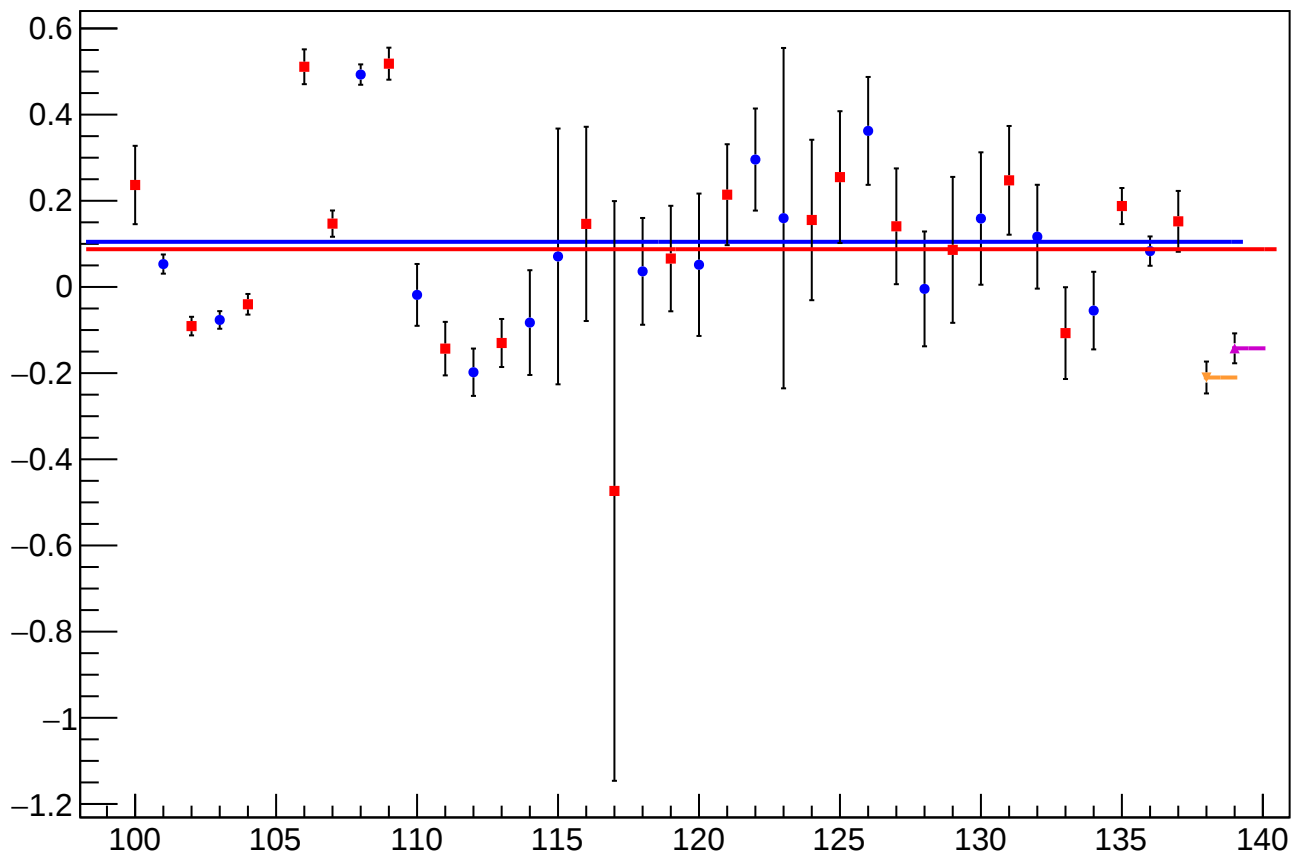
Left Out: 54.582+/-1.024 χ^2/NDF : 0.0/0

Right Out: 1.978+/-0.267 χ^2/NDF : 15465.9/19

2.646+/-0.263 χ^2/NDF : 15690.6/20

Left In: 25.892+/-1.573 χ^2/NDF : 0.0/0

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105 ± 0.011 χ^2/NDF : 400.8/16

Left Out: -0.210 ± 0.037 χ^2/NDF : 0.0/0

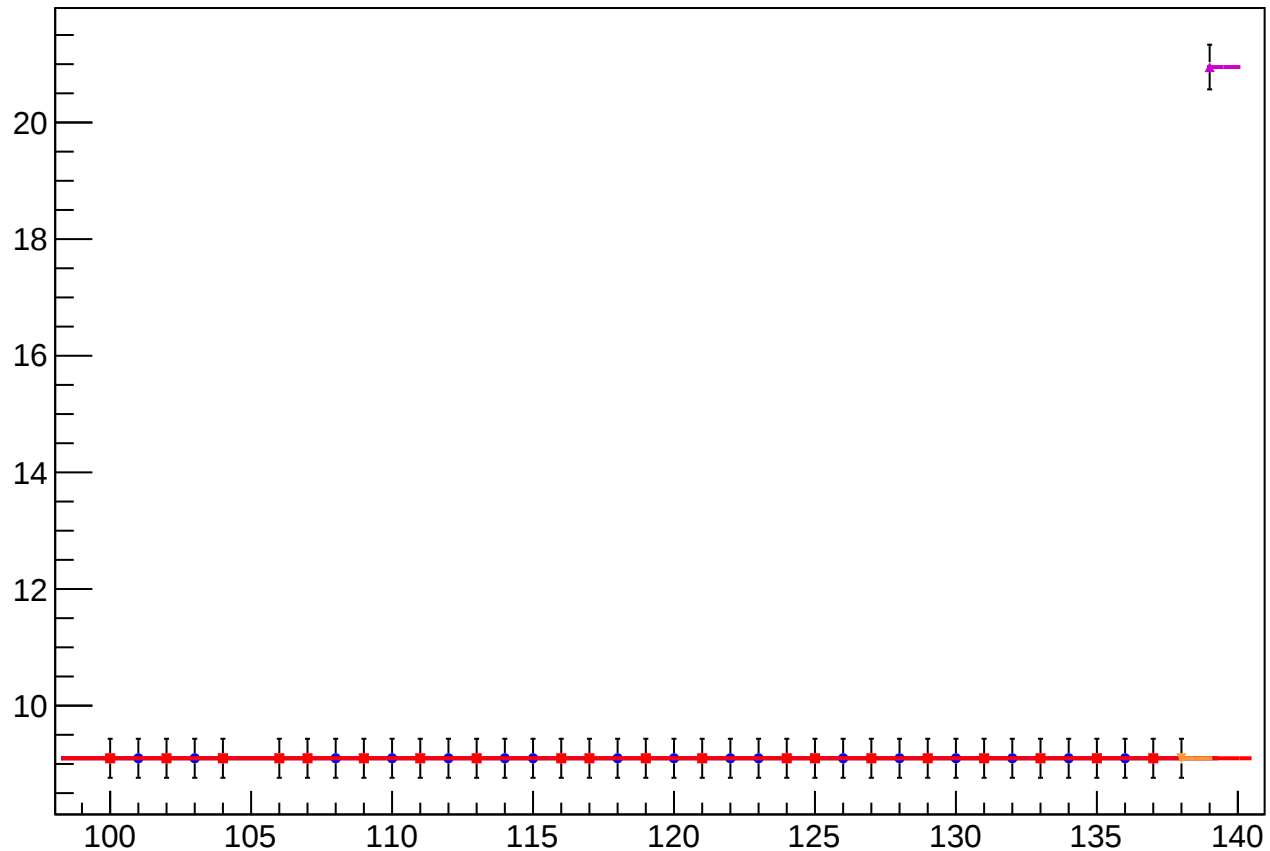
Right Out: 0.088 ± 0.011 χ^2/NDF : 391.6/19

Left In: -0.142 ± 0.035 χ^2/NDF : 0.0/0

0.079 ± 0.011 χ^2/NDF : 467.2/17

0.067 ± 0.010 χ^2/NDF : 431.5/20

reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 9.097 $\pm$ 0.081 χ^2 /NDF: 0.0/16

Left Out: 9.097 $\pm$ 0.335 χ^2 /NDF: 0.0/0

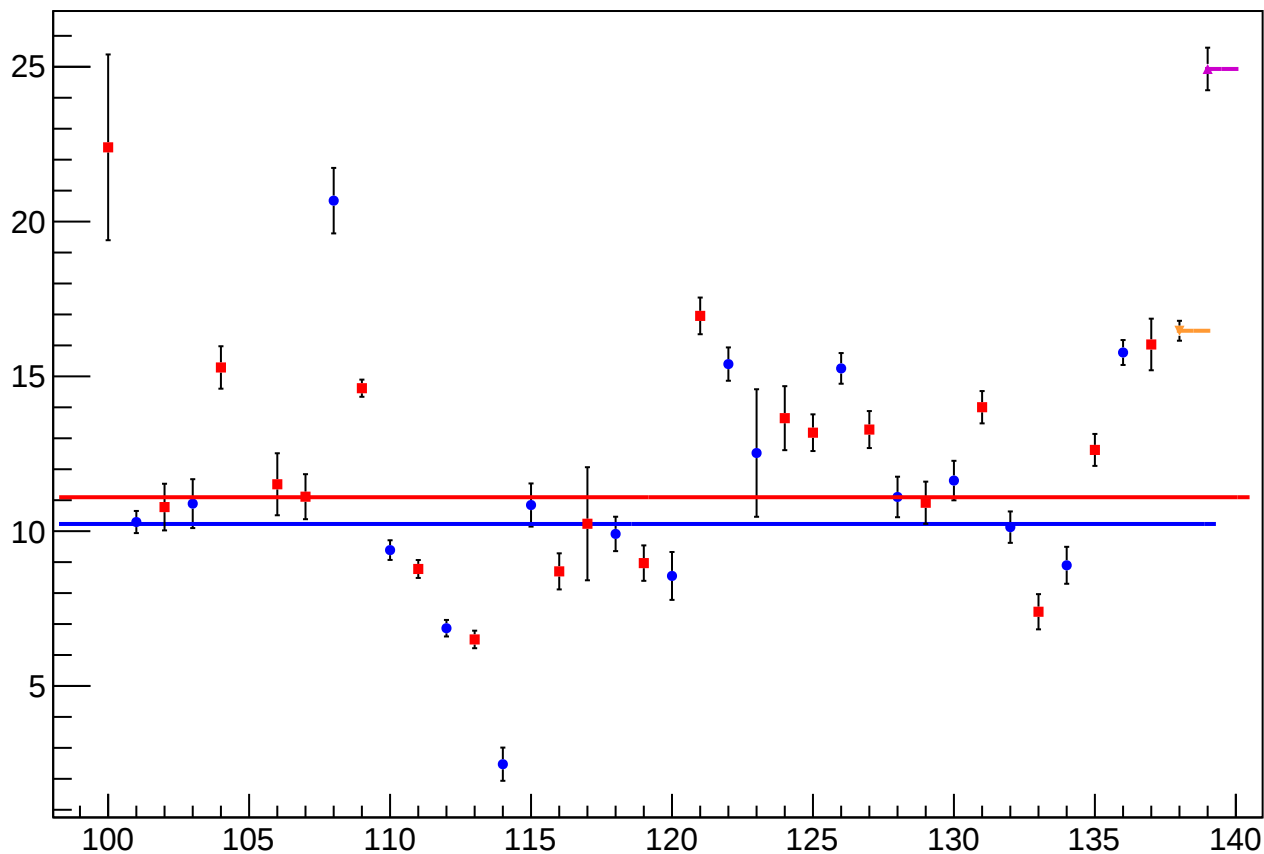
Right Out: 9.097 $\pm$ 0.075 χ^2 /NDF: 0.0/19

Left In: 20.951 $\pm$ 0.384 χ^2 /NDF: 0.0/0

9.097 $\pm$ 0.079 χ^2 /NDF: 0.0/17

9.532 $\pm$ 0.073 χ^2 /NDF: 919.8/20

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.232 ± 0.119 χ^2/NDF : 876.7/16

Left Out: 16.474 ± 0.322 χ^2/NDF : 0.0/0

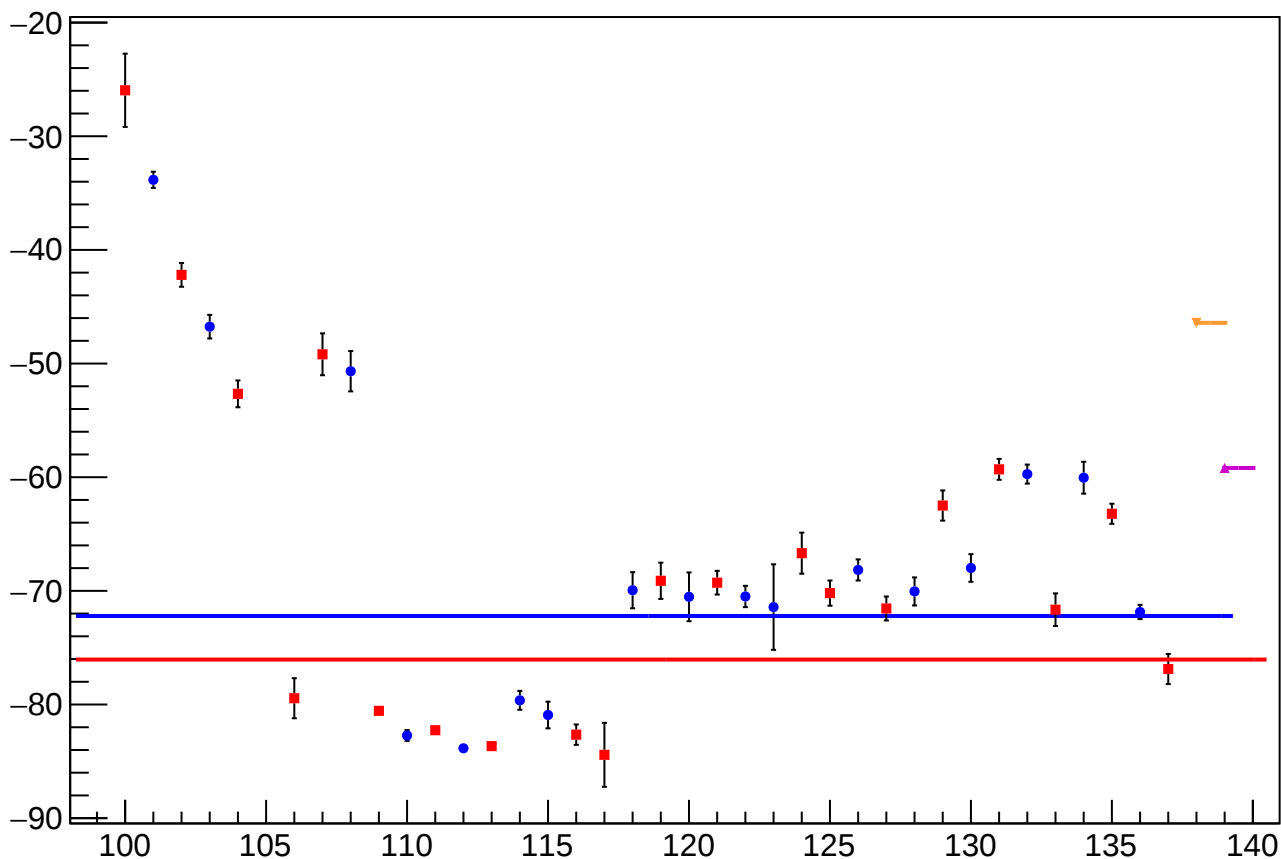
Right Out: 11.096 ± 0.116 χ^2/NDF : 818.0/19

Left In: 24.930 ± 0.688 χ^2/NDF : 0.0/0

10.989 ± 0.112 χ^2/NDF : 1207.9/17

11.480 ± 0.115 χ^2/NDF : 1211.6/20

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.211+/-0.198 χ^2/NDF : 5566.2/16

Left Out: -46.418+/-0.363 χ^2/NDF : 0.0/0

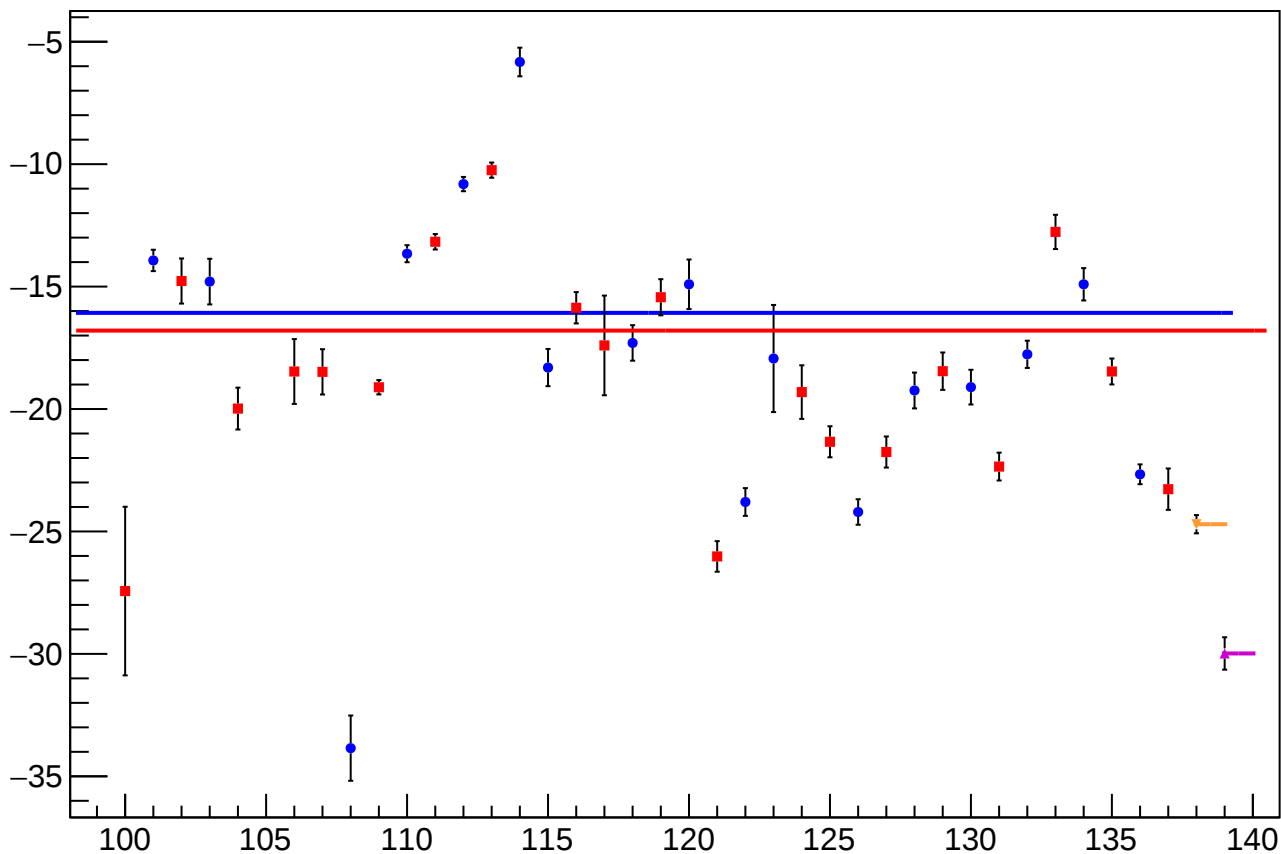
Right Out: -76.044+/-0.181 χ^2/NDF : 3472.2/19

Left In: -59.186+/-0.416 χ^2/NDF : 0.0/0

-66.291+/-0.174 χ^2/NDF : 9461.4/17

-73.367+/-0.166 χ^2/NDF : 4855.7/20

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.073±0.133 χ^2/NDF : 1640.5/16

Left Out: -24.704±0.372 χ^2/NDF : 0.0/0

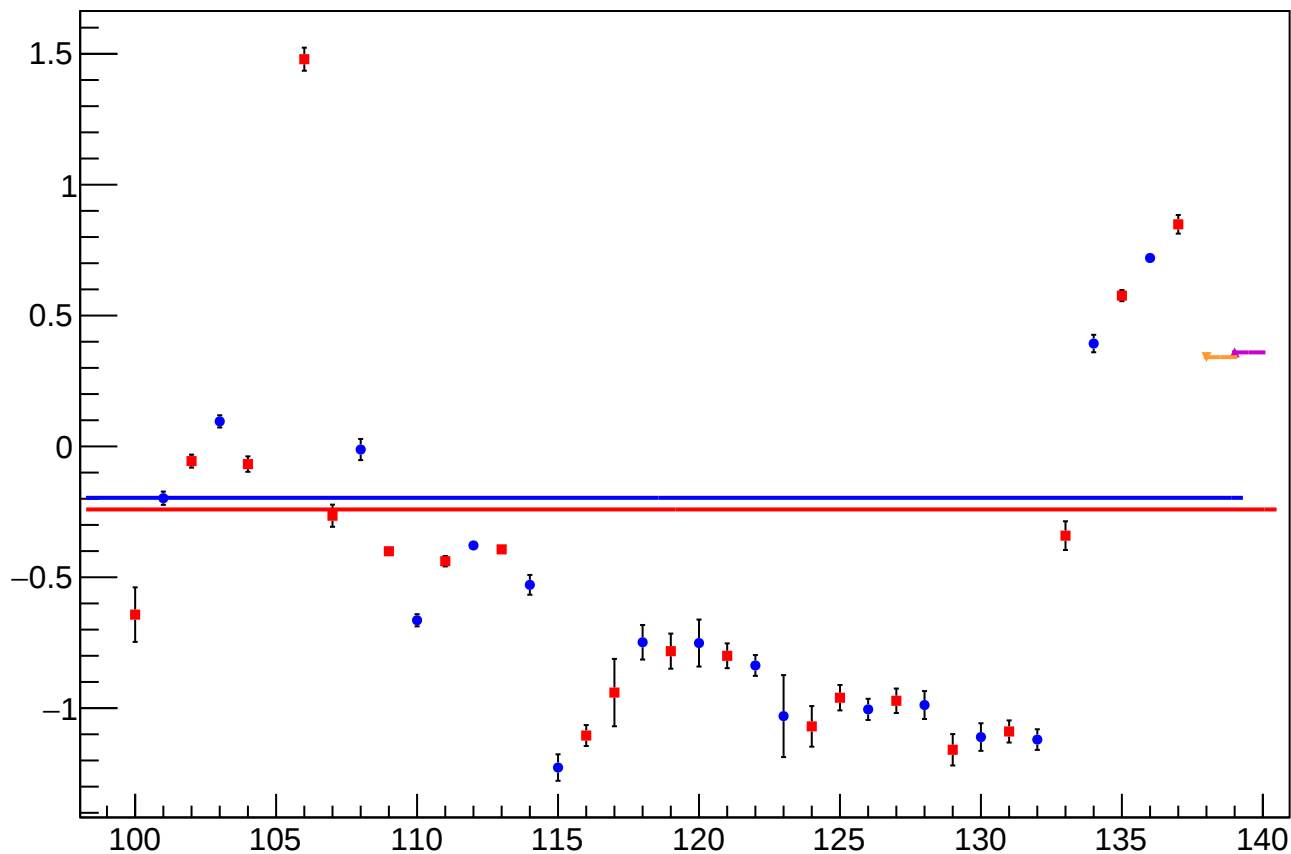
Right Out: -16.797±0.128 χ^2/NDF : 1216.1/19

Left In: -29.983±0.662 χ^2/NDF : 0.0/0

-17.044±0.125 χ^2/NDF : 2117.9/17

-17.272±0.126 χ^2/NDF : 1599.0/20

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.196 ± 0.008 χ^2/NDF : 6323.5/16

Left Out: 0.341 ± 0.014 χ^2/NDF : 0.0/0

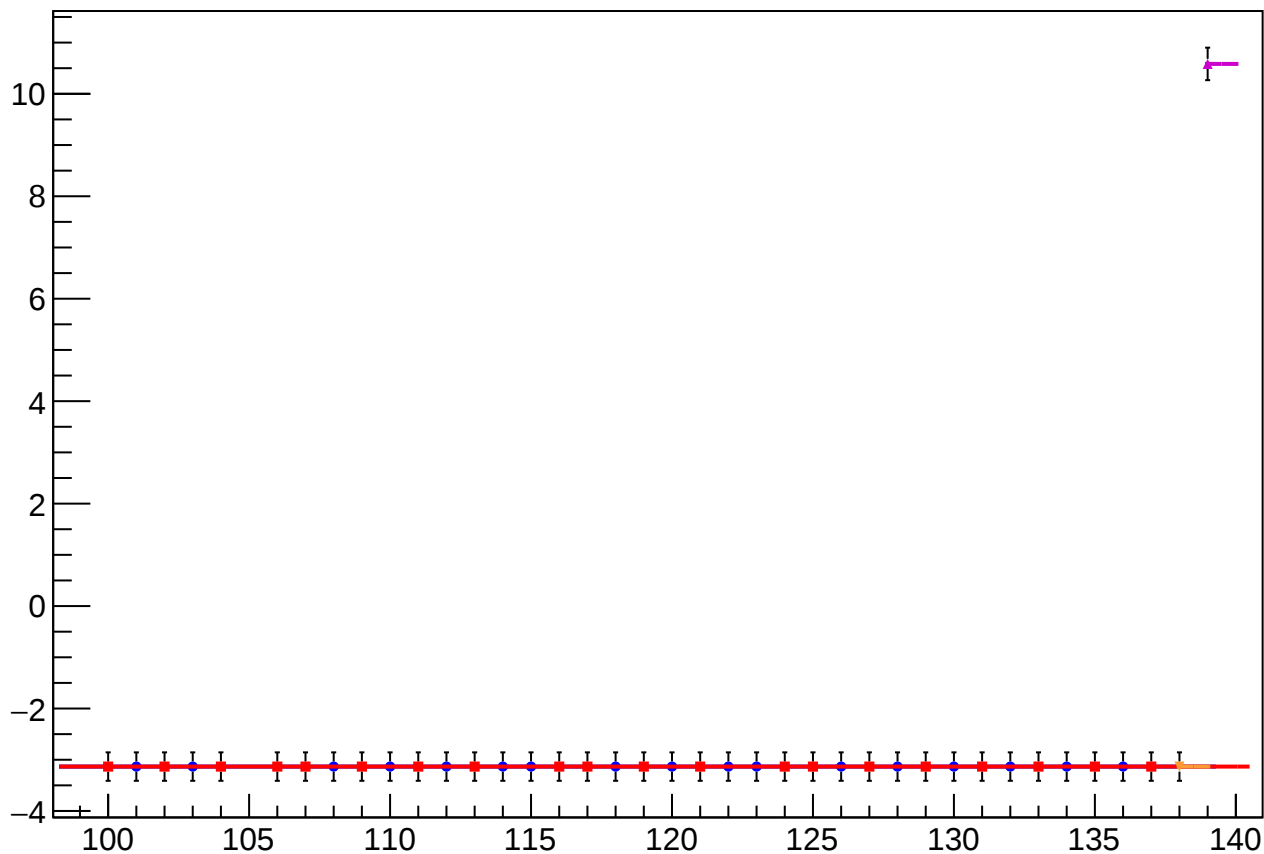
Right Out: -0.241 ± 0.007 χ^2/NDF : 6218.3/19

Left In: 0.359 ± 0.015 χ^2/NDF : 0.0/0

-0.081 ± 0.007 χ^2/NDF : 7411.3/17

-0.124 ± 0.006 χ^2/NDF : 7581.8/20

reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: -3.133+/-0.067 χ^2/NDF : 0.0/16

Left Out: -3.133+/-0.278 χ^2/NDF : 0.0/0

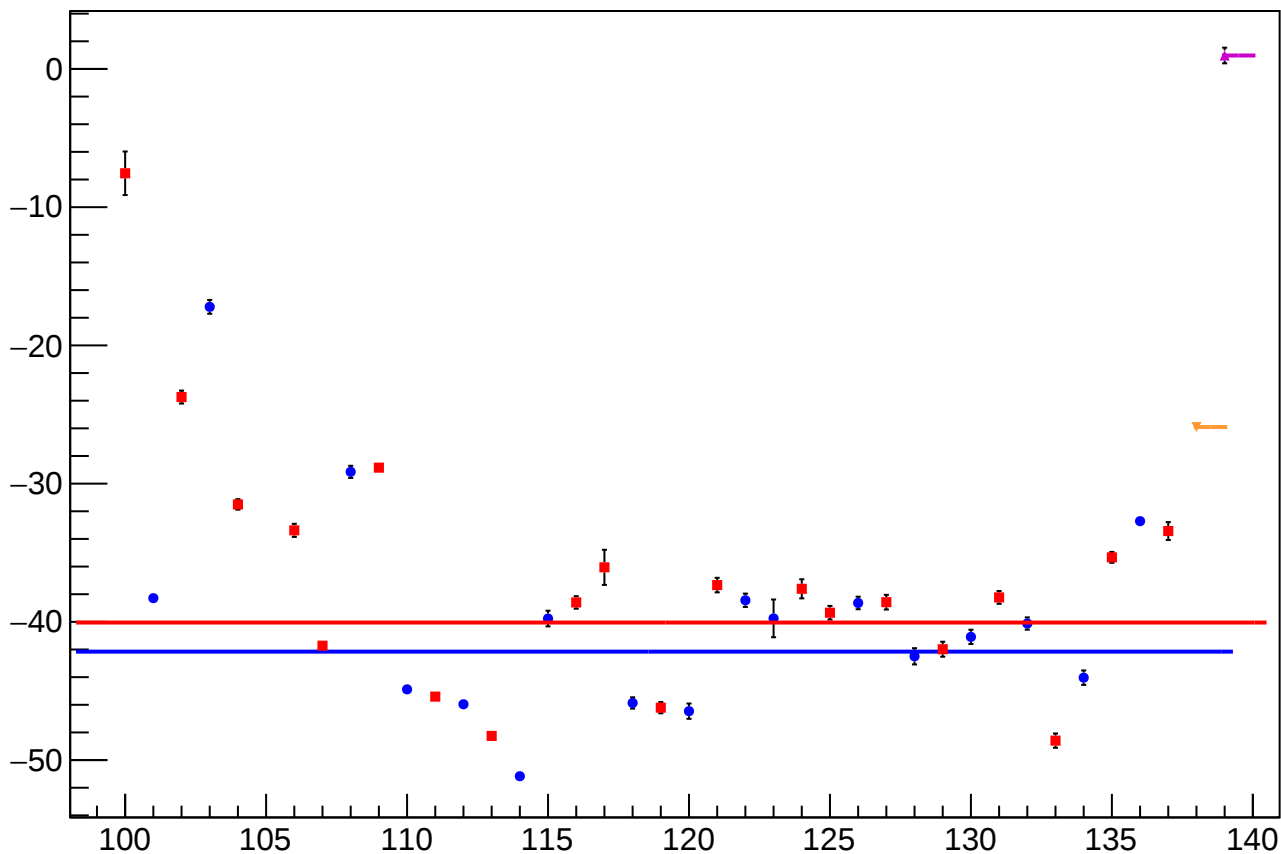
Right Out: -3.133+/-0.062 χ^2/NDF : 0.0/19

Left In: 10.584+/-0.317 χ^2/NDF : 0.0/0

-3.133+/-0.065 χ^2/NDF : 0.0/17

-2.627+/-0.061 χ^2/NDF : 1801.9/20

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.153 ± 0.078 $\chi^2/\text{NDF}: 6557.8/16$

Left Out: -25.906 ± 0.269 $\chi^2/\text{NDF}: 0.0/0$

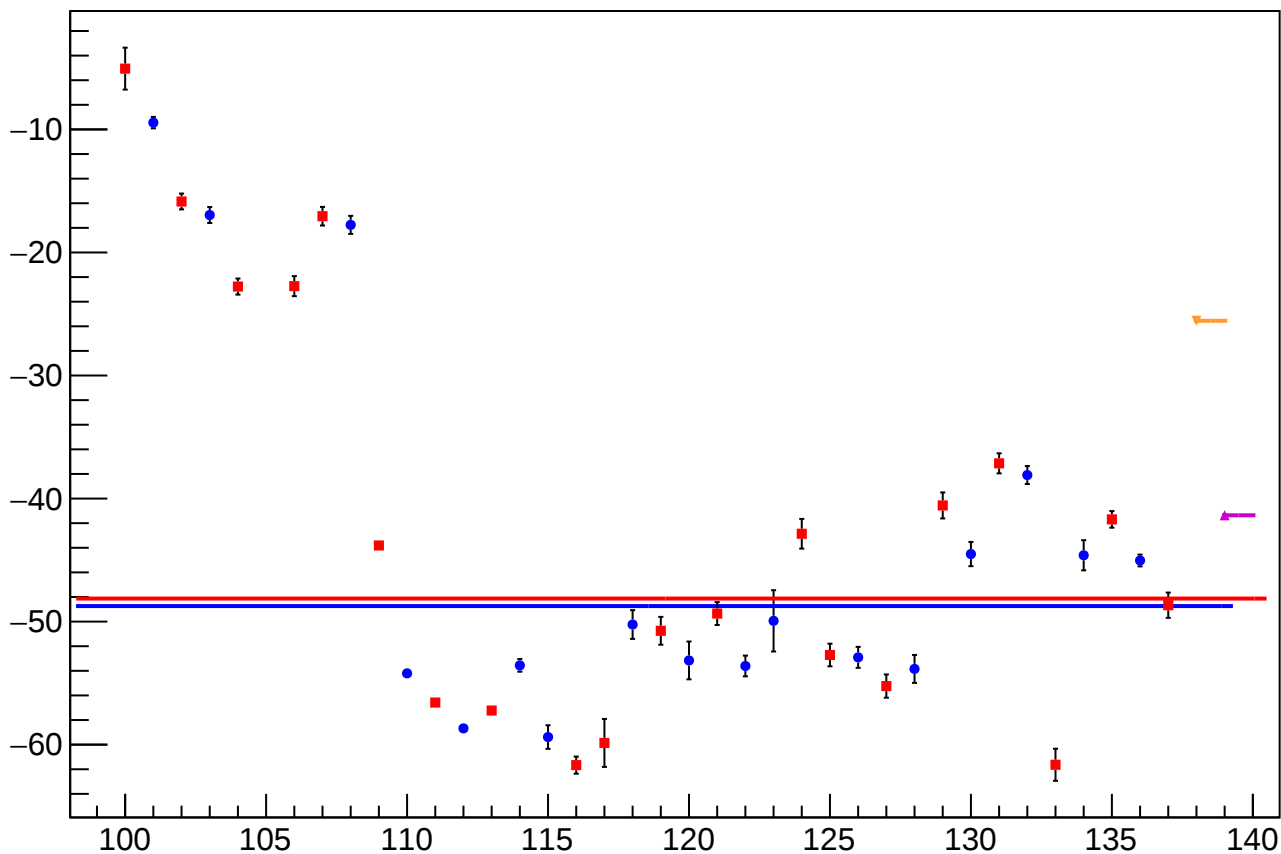
Right Out: -40.049 ± 0.073 $\chi^2/\text{NDF}: 11332.1/19$

Left In: 0.972 ± 0.567 $\chi^2/\text{NDF}: 0.0/0$

-40.895 ± 0.075 $\chi^2/\text{NDF}: 9917.1/17$

-39.386 ± 0.072 $\chi^2/\text{NDF}: 16485.0/20$

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.737 ± 0.125 $\chi^2/\text{NDF}: 14658.1/16$

Left Out: -25.552 ± 0.301 $\chi^2/\text{NDF}: 0.0/0$

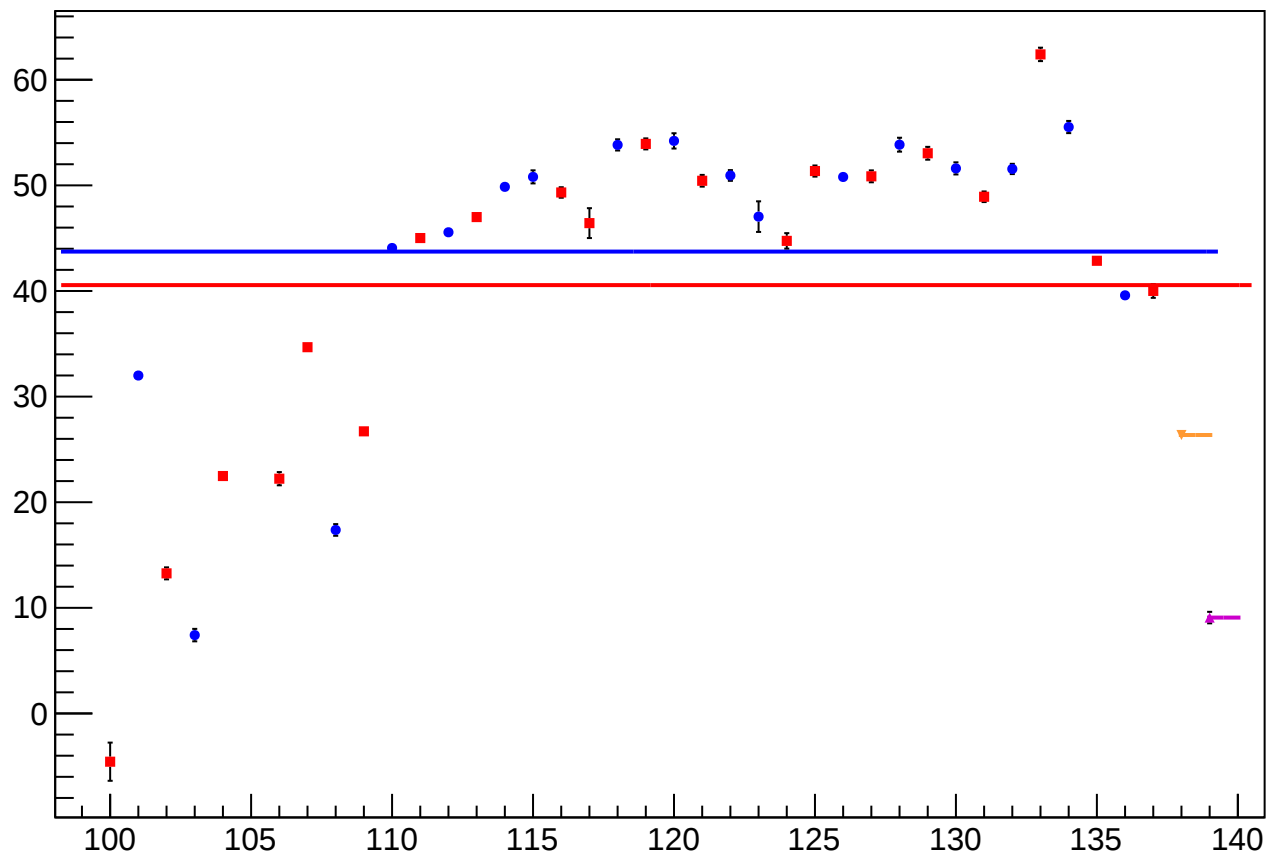
Right Out: -48.127 ± 0.107 $\chi^2/\text{NDF}: 11769.6/19$

Left In: -41.359 ± 0.344 $\chi^2/\text{NDF}: 0.0/0$

-45.343 ± 0.115 $\chi^2/\text{NDF}: 19730.0/17$

-47.529 ± 0.102 $\chi^2/\text{NDF}: 12122.8/20$

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.731 ± 0.087 $\chi^2/\text{NDF}: 10567.7/16$

Left Out: 26.364 ± 0.311 $\chi^2/\text{NDF}: 0.0/0$

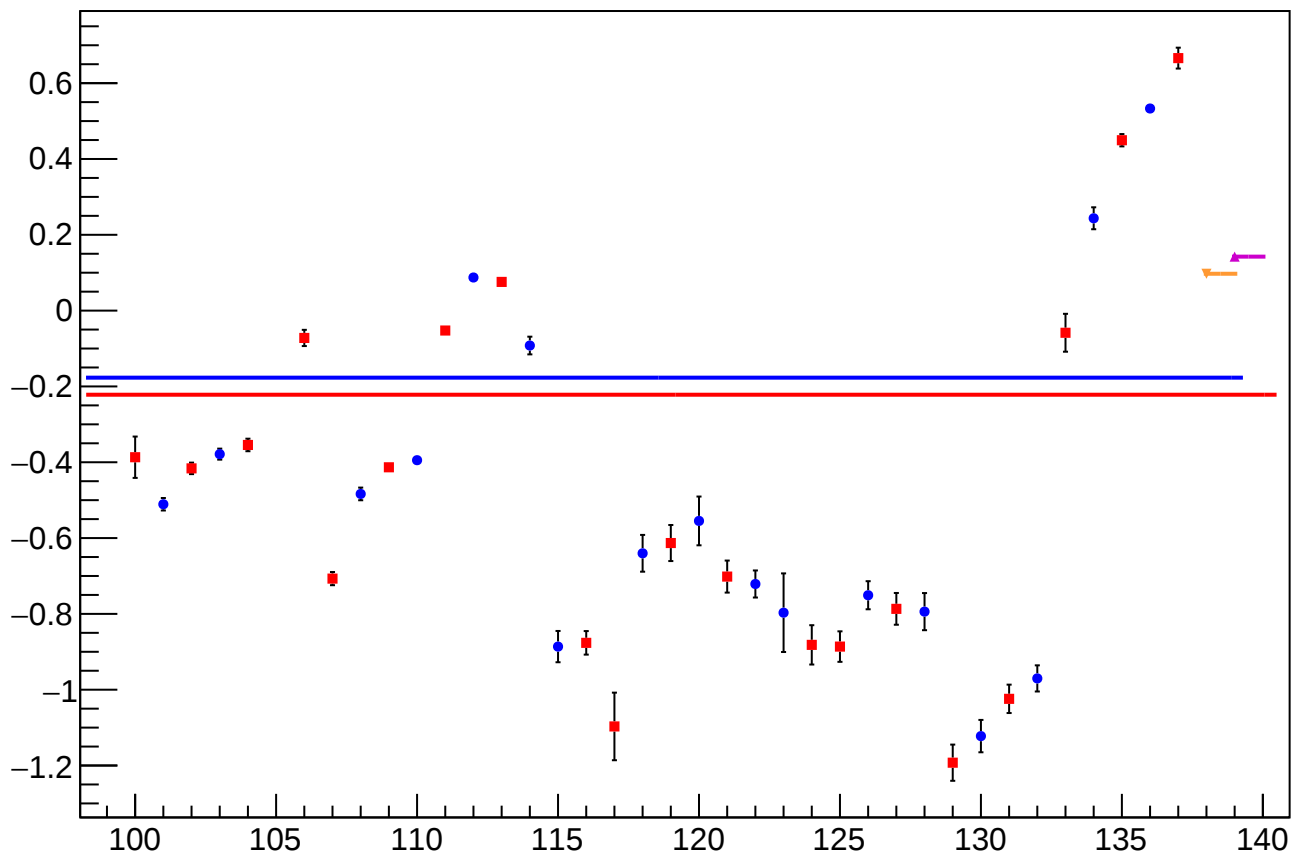
Right Out: 40.556 ± 0.080 $\chi^2/\text{NDF}: 17618.6/19$

Left In: 9.077 ± 0.545 $\chi^2/\text{NDF}: 0.0/0$

42.473 ± 0.084 $\chi^2/\text{NDF}: 13463.9/17$

39.892 ± 0.079 $\chi^2/\text{NDF}: 20881.3/20$

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.177 ± 0.005 χ^2/NDF : 7364.7/16

Left Out: 0.097 ± 0.012 χ^2/NDF : 0.0/0

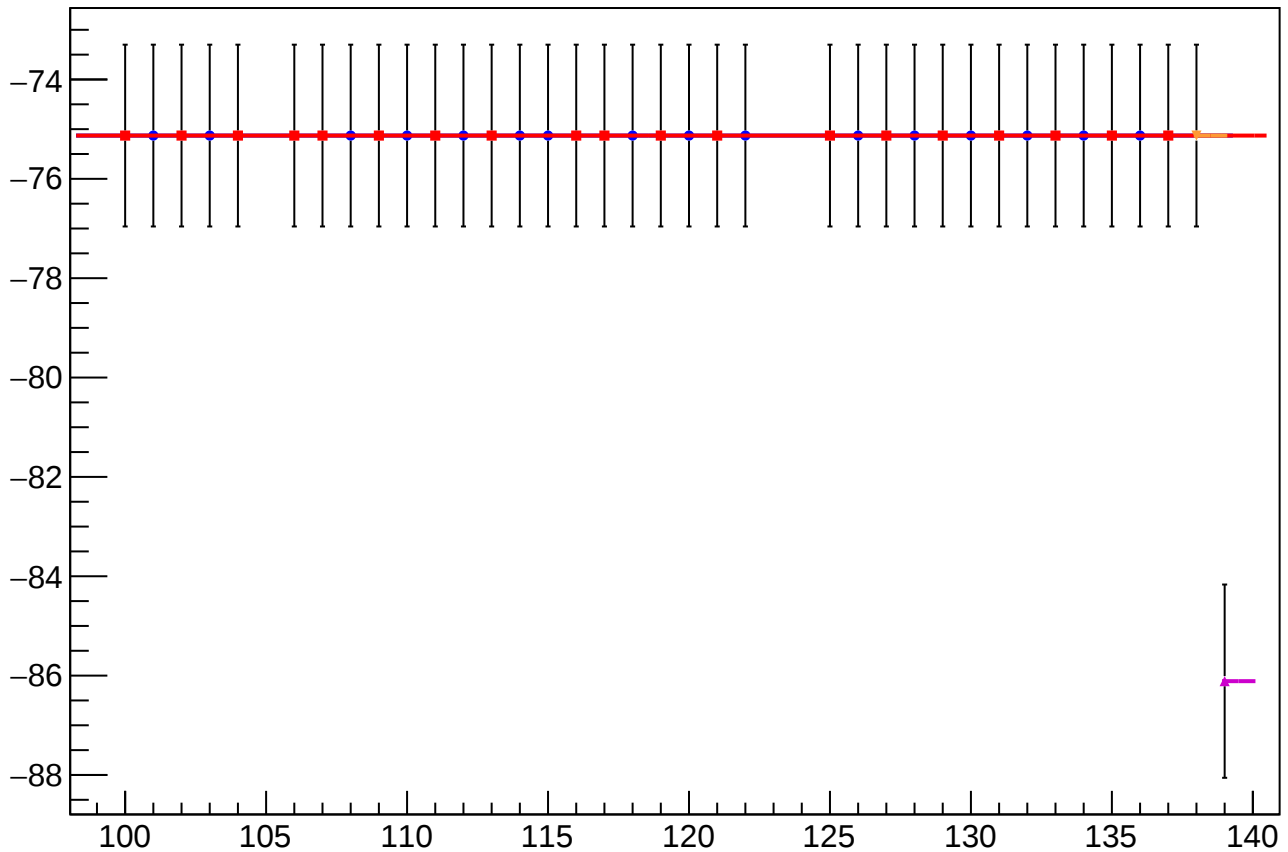
Right Out: -0.222 ± 0.004 χ^2/NDF : 7527.0/19

Left In: 0.142 ± 0.012 χ^2/NDF : 0.0/0

-0.138 ± 0.004 χ^2/NDF : 7816.8/17

-0.181 ± 0.004 χ^2/NDF : 8342.0/20

reg_asym_usl_diff_bpm1X_slope vs Slug



Right In: -75.129 $\pm$ 0.457 χ^2 /NDF: 0.0/15

Left Out: -75.129 $\pm$ 1.830 χ^2 /NDF: 0.0/0

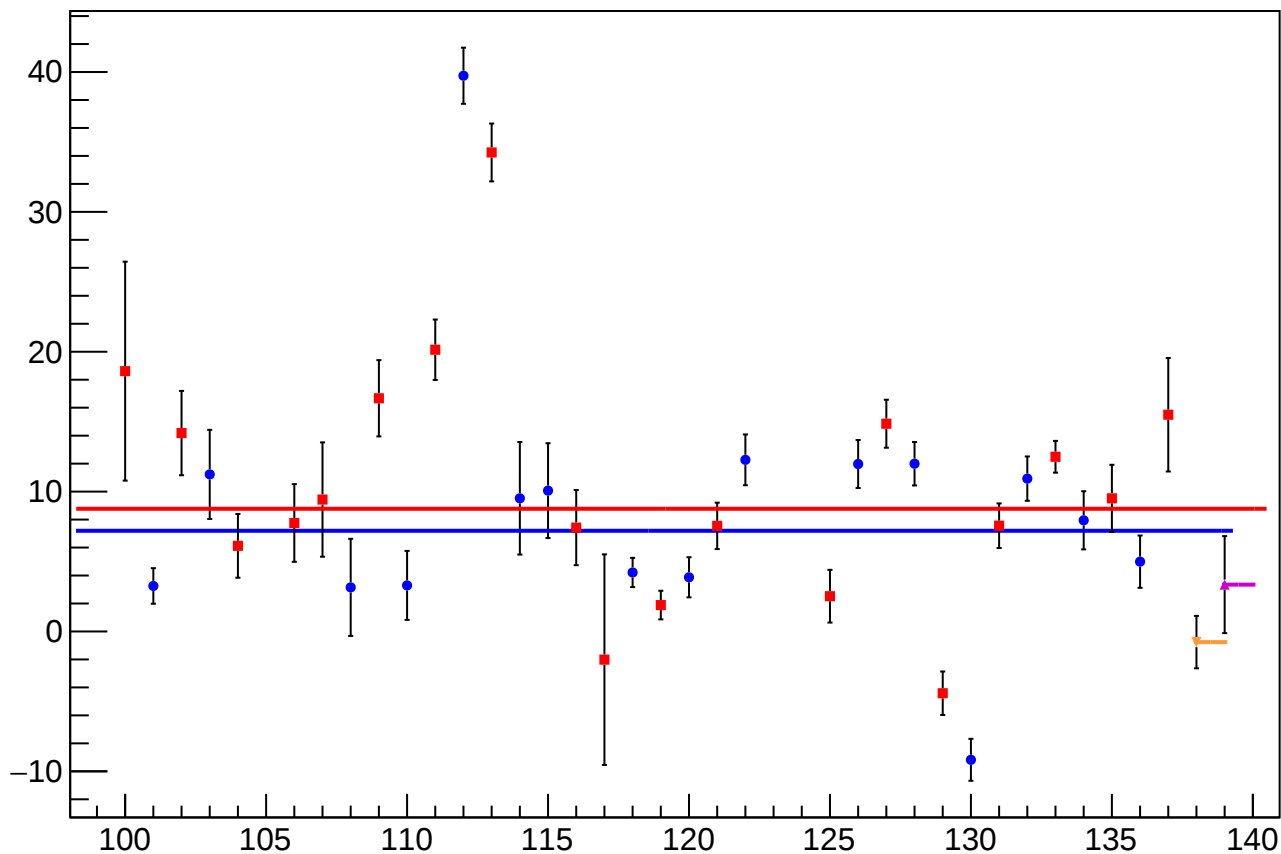
Right Out: -75.129 $\pm$ 0.420 χ^2 /NDF: 0.0/18

Left In: -86.112 $\pm$ 1.945 χ^2 /NDF: 0.0/0

-75.129 $\pm$ 0.444 χ^2 /NDF: 0.0/16

-75.618 $\pm$ 0.410 χ^2 /NDF: 30.5/19

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.199 $\pm$ 0.440 χ^2 /NDF: 443.8/15

Left Out: -0.761 $\pm$ 1.875 χ^2 /NDF: 0.0/0

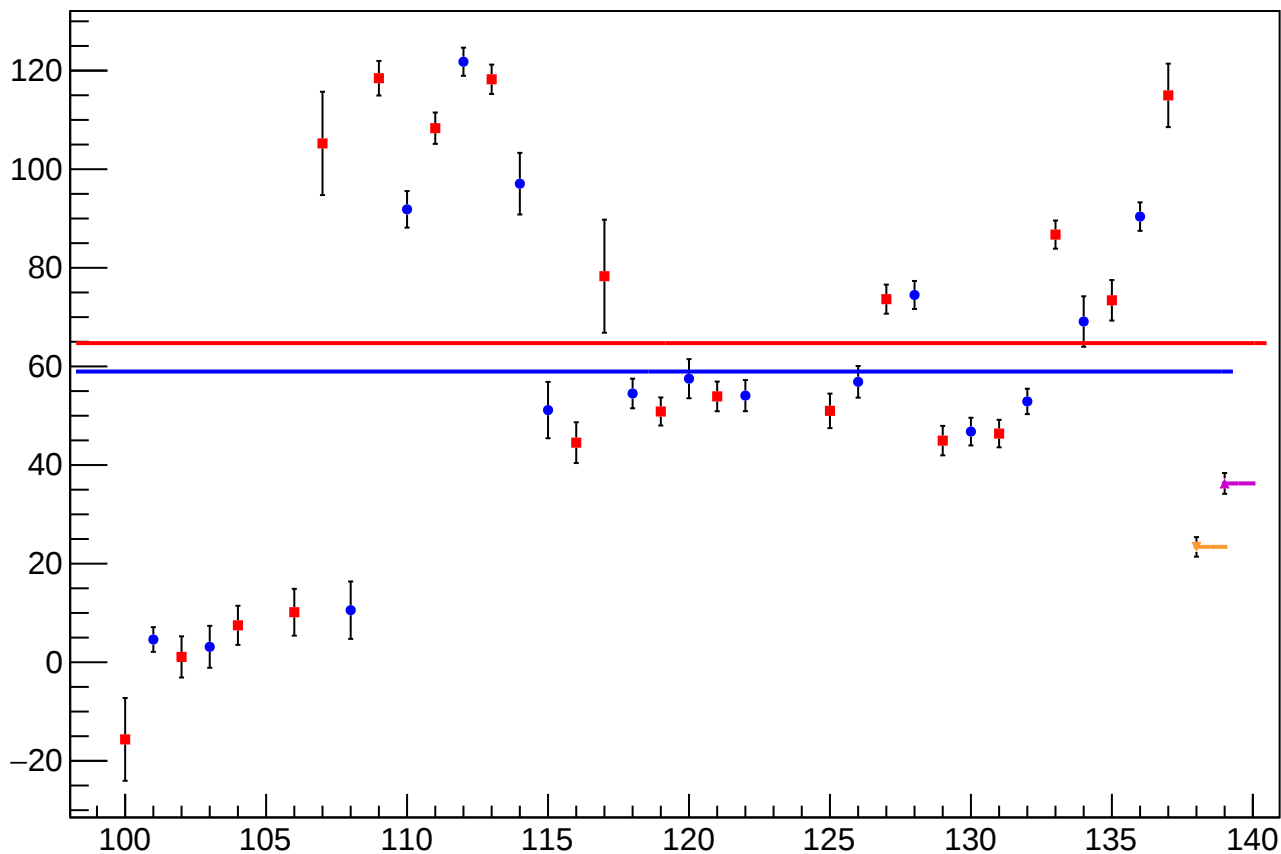
Right Out: 8.772 $\pm$ 0.447 χ^2 /NDF: 351.7/18

Left In: 3.349 $\pm$ 3.468 χ^2 /NDF: 0.0/0

6.785 $\pm$ 0.428 χ^2 /NDF: 460.9/16

8.684 $\pm$ 0.443 χ^2 /NDF: 354.1/19

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.962 $\pm$ 0.837 χ^2 /NDF: 1496.5/15

Left Out: 23.404 $\pm$ 1.984 χ^2 /NDF: 0.0/0

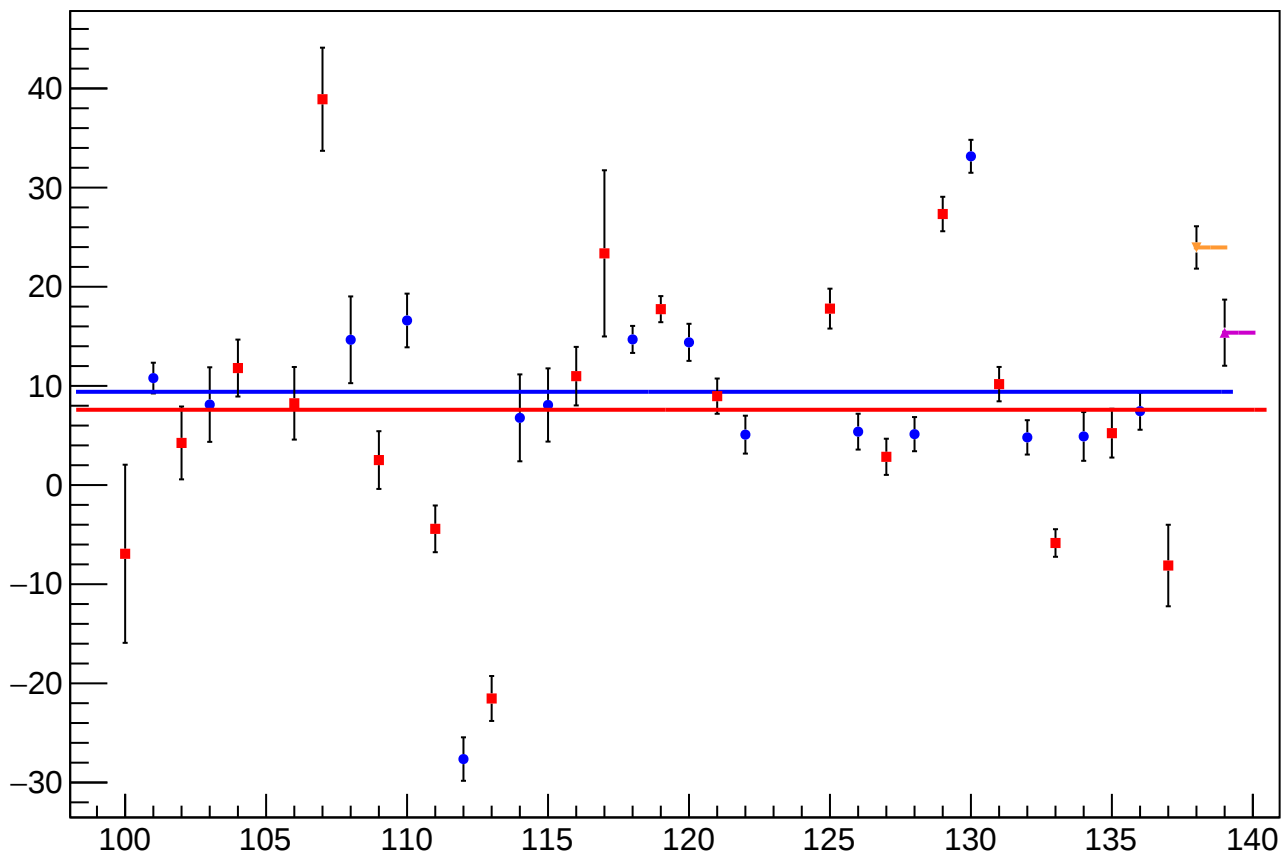
Right Out: 64.728 $\pm$ 0.838 χ^2 /NDF: 1723.2/18

Left In: 36.273 $\pm$ 2.110 χ^2 /NDF: 0.0/0

53.591 $\pm$ 0.771 χ^2 /NDF: 1769.2/16

60.853 $\pm$ 0.779 χ^2 /NDF: 1880.4/19

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.405 $\pm$ 0.507 χ^2/NDF : 549.5/15

Left Out: 23.964 $\pm$ 2.137 χ^2/NDF : 0.0/0

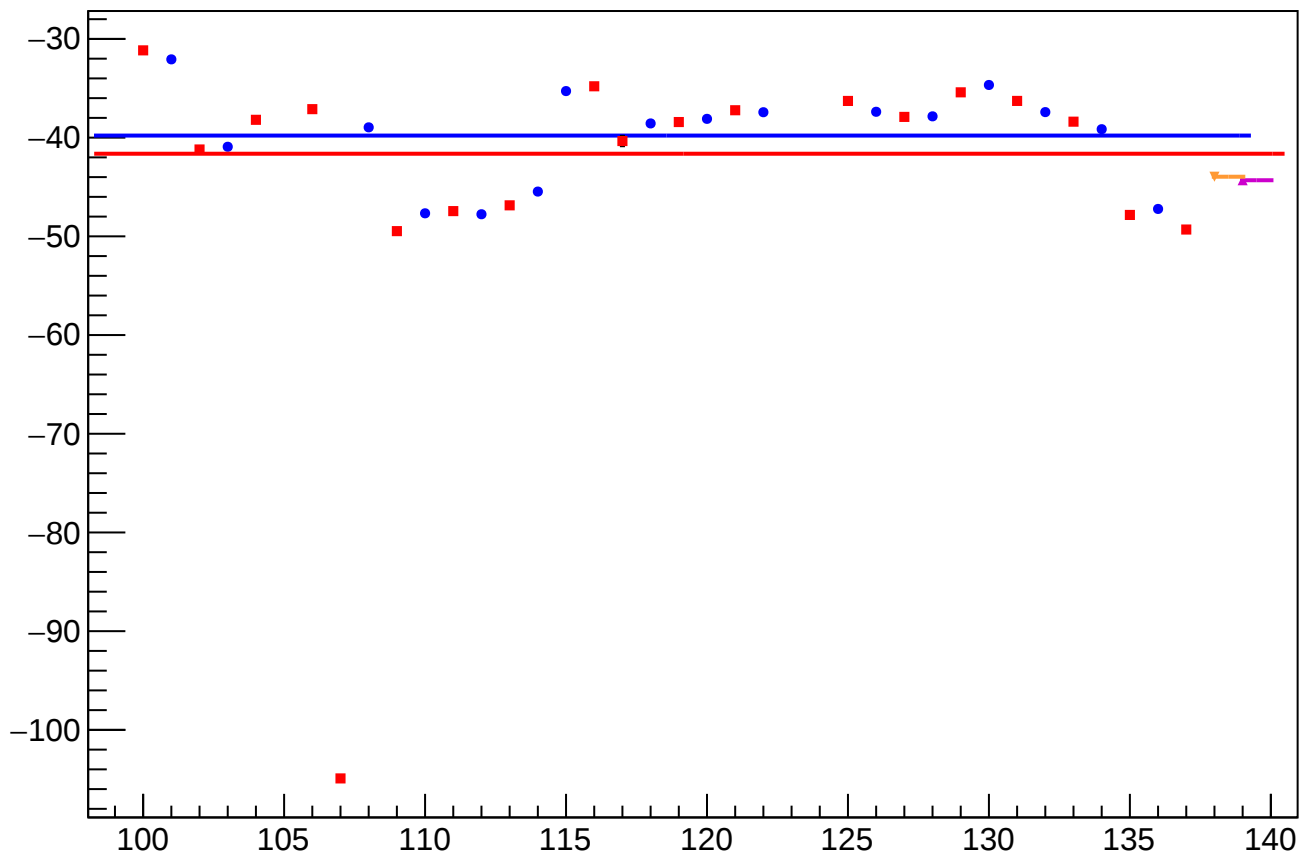
Right Out: 7.593 $\pm$ 0.514 χ^2/NDF : 573.4/18

Left In: 15.367 $\pm$ 3.335 χ^2/NDF : 0.0/0

10.180 $\pm$ 0.493 χ^2/NDF : 593.5/16

7.773 $\pm$ 0.508 χ^2/NDF : 578.7/19

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.791 ± 0.031 χ^2/NDF : 26138.6/15

Left Out: -43.960 ± 0.078 χ^2/NDF : 0.0/0

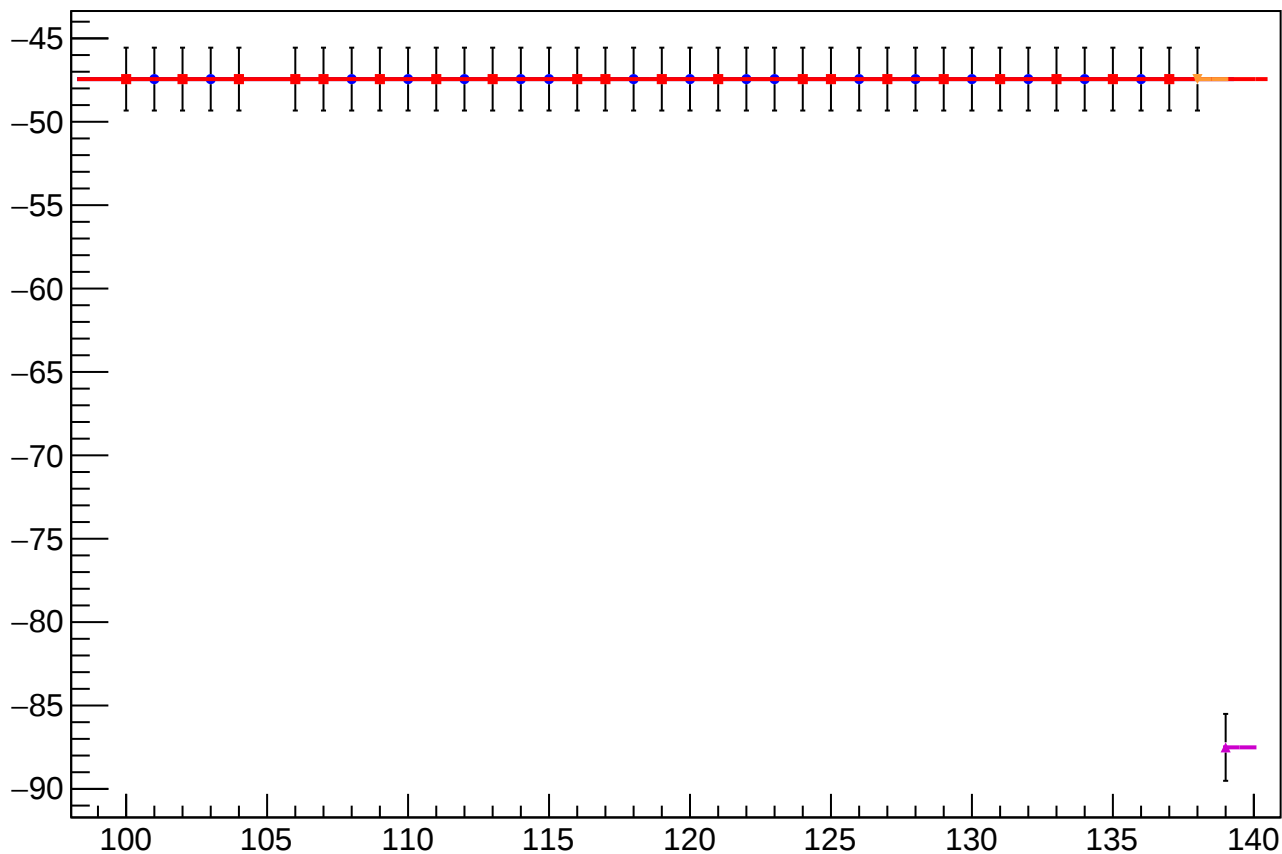
Right Out: -41.631 ± 0.031 χ^2/NDF : 94399.1/18

Left In: -44.316 ± 0.074 χ^2/NDF : 0.0/0

-40.366 ± 0.029 χ^2/NDF : 28597.5/16

-42.039 ± 0.029 χ^2/NDF : 95527.9/19

reg_asym_usr_diff_bpm1X_slope vs Slug



Right In: -47.442 $\pm$ 0.457 χ^2 /NDF: 0.0/16

Left Out: -47.442 $\pm$ 1.885 χ^2 /NDF: 0.0/0

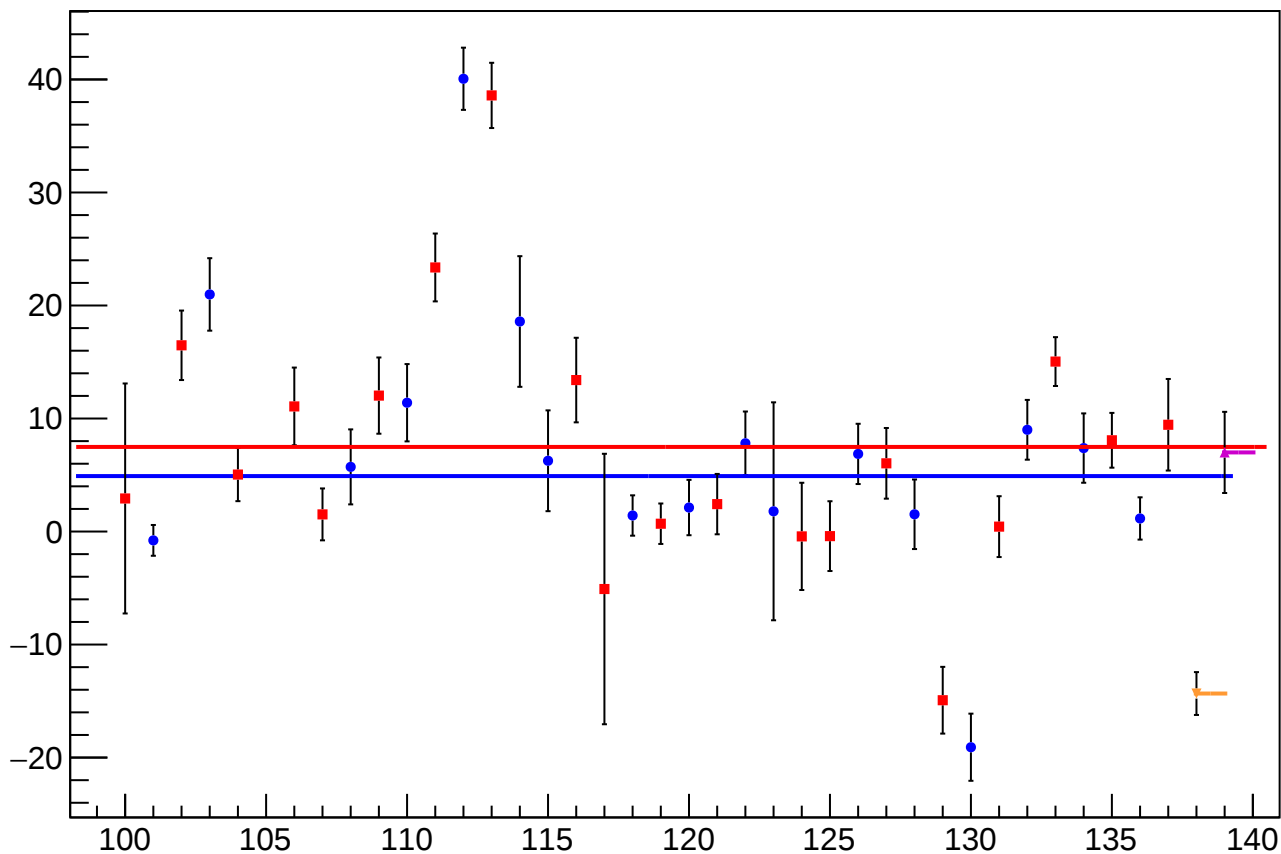
Right Out: -47.442 $\pm$ 0.421 χ^2 /NDF: 0.0/19

Left In: -87.509 $\pm$ 2.005 χ^2 /NDF: 0.0/0

-47.442 $\pm$ 0.444 χ^2 /NDF: 0.0/17

-49.137 $\pm$ 0.412 χ^2 /NDF: 382.4/20

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 4.907 ± 0.628 χ^2/NDF : 295.4/16

Left Out: -14.334 ± 1.896 χ^2/NDF : 0.0/0

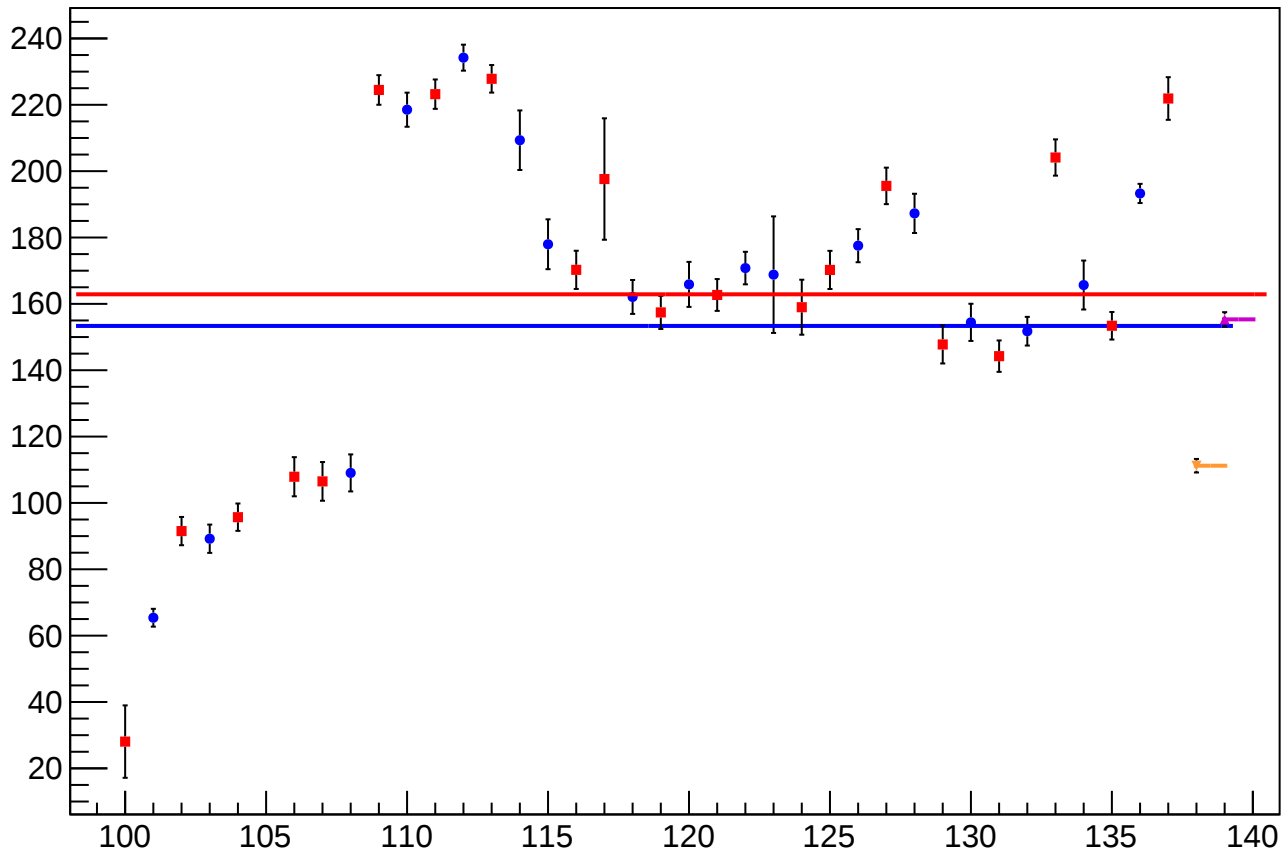
Right Out: 7.486 ± 0.650 χ^2/NDF : 271.7/19

Left In: 7.000 ± 3.590 χ^2/NDF : 0.0/0

3.006 ± 0.596 χ^2/NDF : 388.2/17

7.471 ± 0.639 χ^2/NDF : 271.7/20

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.350 $\pm$ 1.150 χ^2 /NDF: 2268.3/16

Left Out: 111.215 $\pm$ 2.043 χ^2 /NDF: 0.0/0

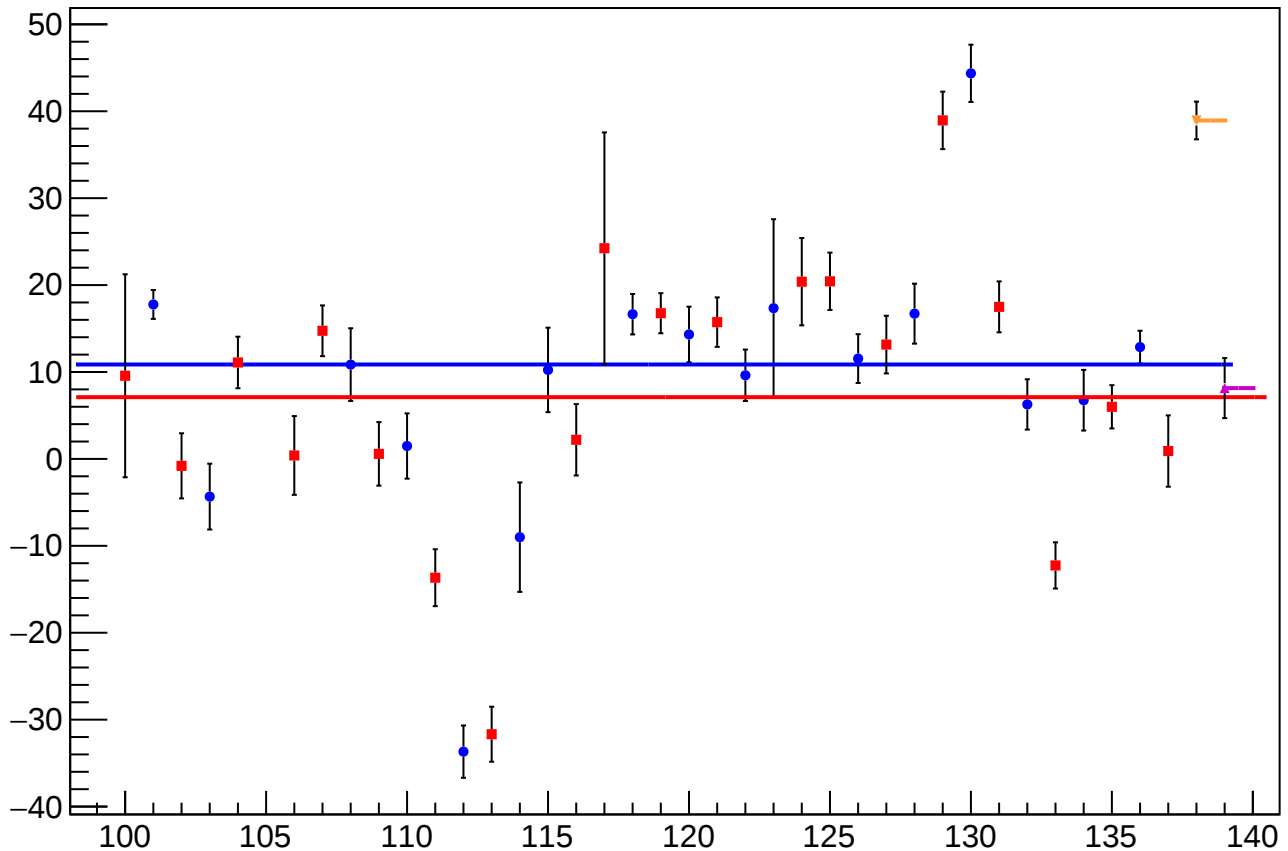
Right Out: 162.878 $\pm$ 1.174 χ^2 /NDF: 1712.4/19

Left In: 155.324 $\pm$ 2.173 χ^2 /NDF: 0.0/0

143.213 $\pm$ 1.002 χ^2 /NDF: 2591.2/17

161.170 $\pm$ 1.033 χ^2 /NDF: 1721.8/20

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.864 $\pm$ 0.719 χ^2 /NDF: 387.9/16

Left Out: 38.939 $\pm$ 2.171 χ^2 /NDF: 0.0/0

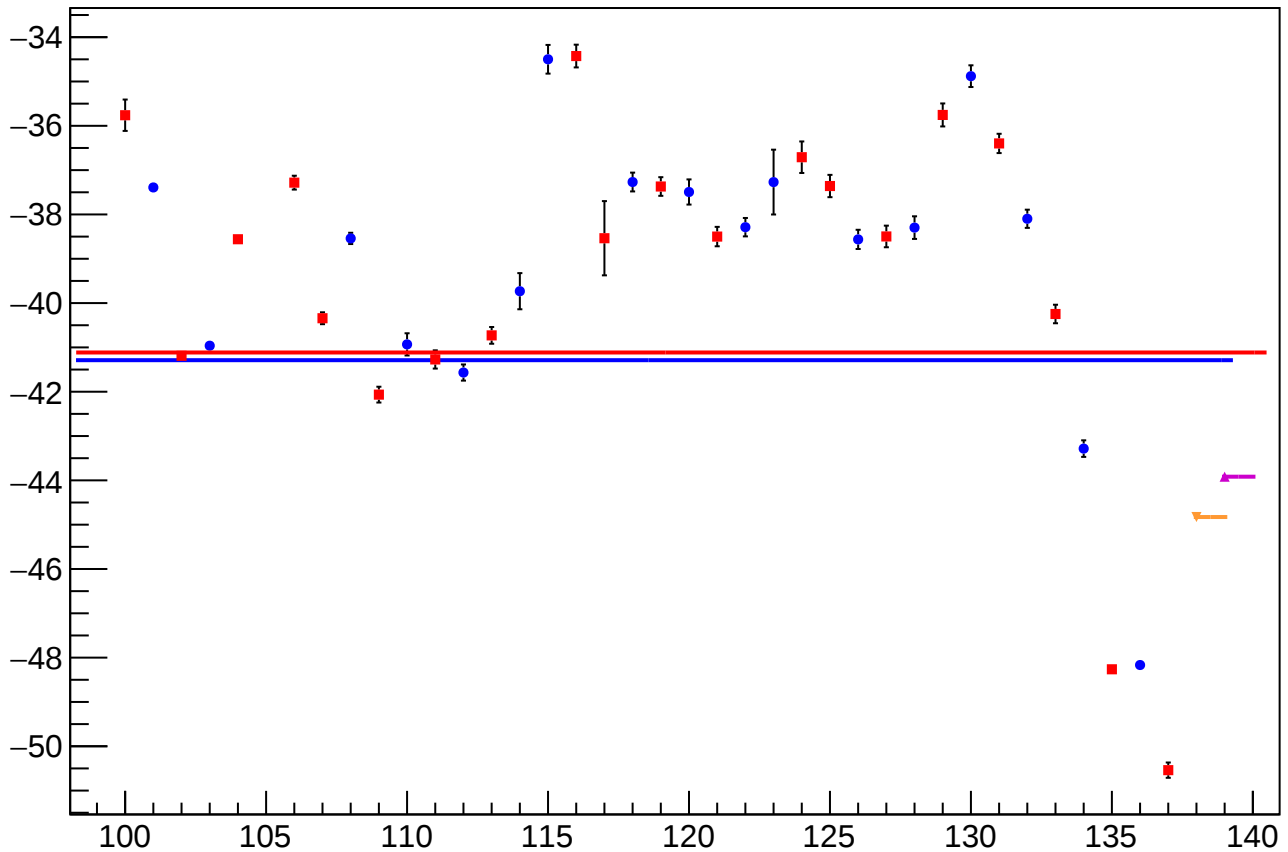
Right Out: 7.106 $\pm$ 0.746 χ^2 /NDF: 426.4/19

Left In: 8.149 $\pm$ 3.455 χ^2 /NDF: 0.0/0

13.642 $\pm$ 0.683 χ^2 /NDF: 538.6/17

7.152 $\pm$ 0.730 χ^2 /NDF: 426.4/20

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.289 $\pm$ 0.039 χ^2 /NDF: 12509.1/16

Left Out: -44.827 $\pm$ 0.081 χ^2 /NDF: 0.0/0

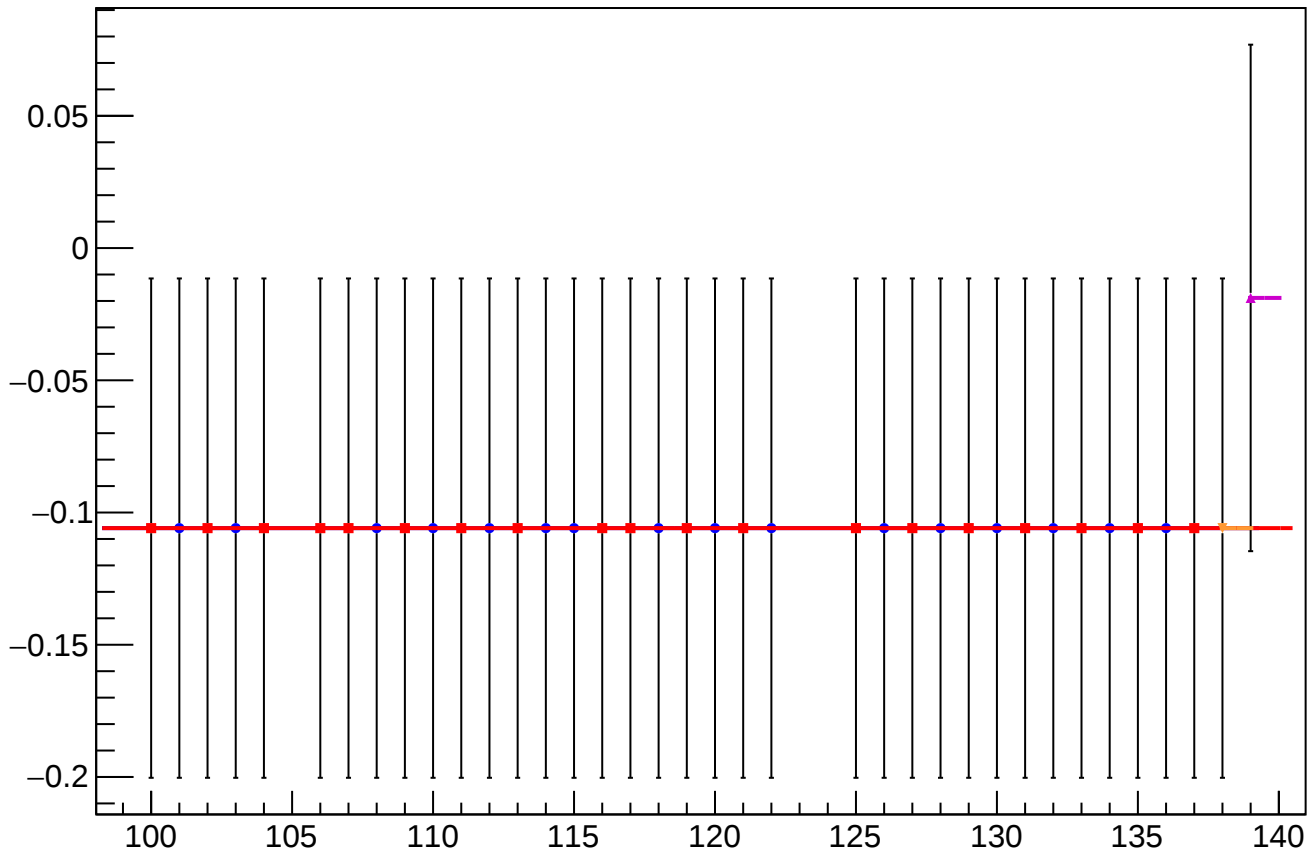
Right Out: -41.115 $\pm$ 0.039 χ^2 /NDF: 12120.1/19

Left In: -43.917 $\pm$ 0.076 χ^2 /NDF: 0.0/0

-41.947 $\pm$ 0.035 χ^2 /NDF: 14072.4/17

-41.687 $\pm$ 0.034 χ^2 /NDF: 13194.2/20

reg_asym_dsl_diff_bpm1X_slope vs Slug



Right In: -0.106 $\pm$ 0.024 χ^2 /NDF: 0.0/15

Left Out: -0.106 $\pm$ 0.094 χ^2 /NDF: 0.0/0

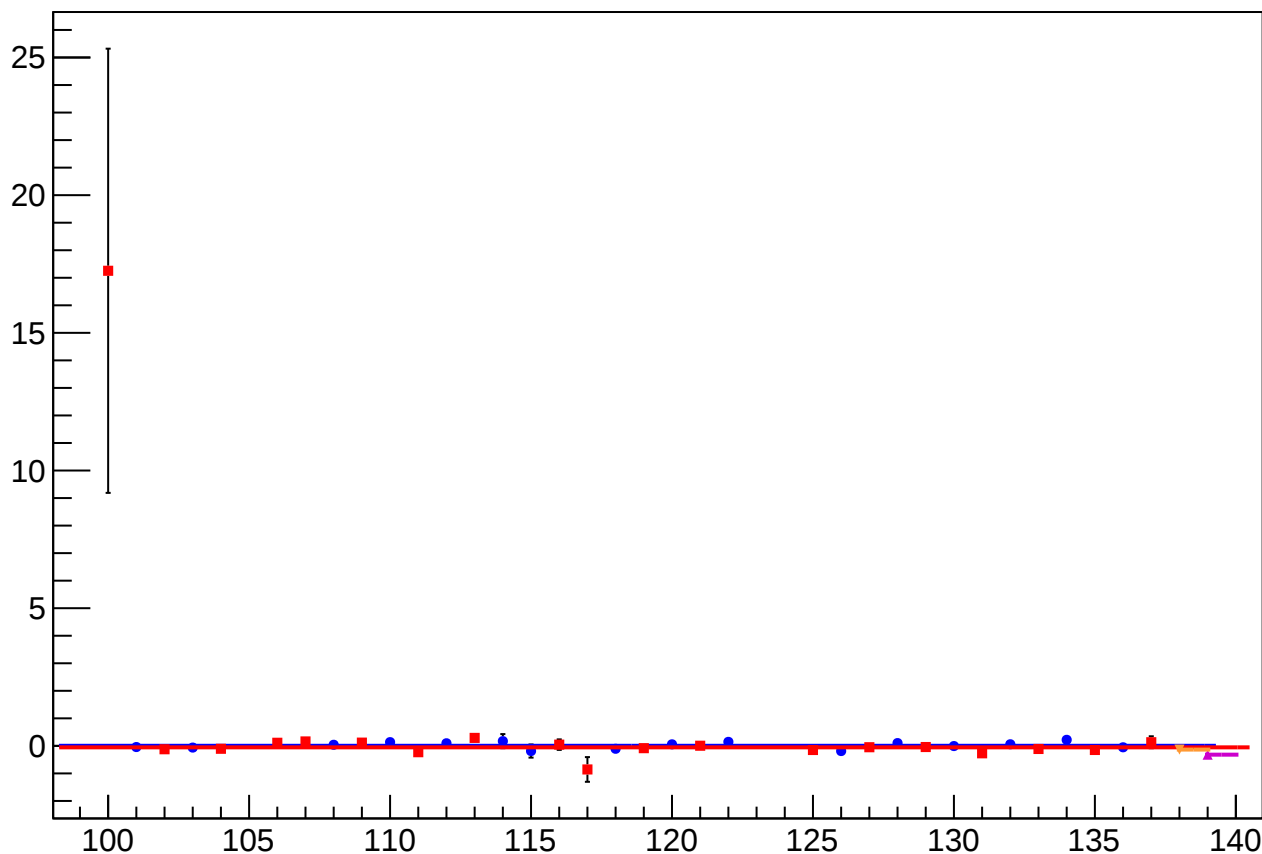
Right Out: -0.106 $\pm$ 0.022 χ^2 /NDF: 0.0/18

Left In: -0.019 $\pm$ 0.096 χ^2 /NDF: 0.0/0

-0.106 $\pm$ 0.023 χ^2 /NDF: 0.0/16

-0.102 $\pm$ 0.021 χ^2 /NDF: 0.8/19

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.003+/-0.029 χ^2/NDF : 12.4/15

Left Out: -0.134+/-0.101 χ^2/NDF : 0.0/0

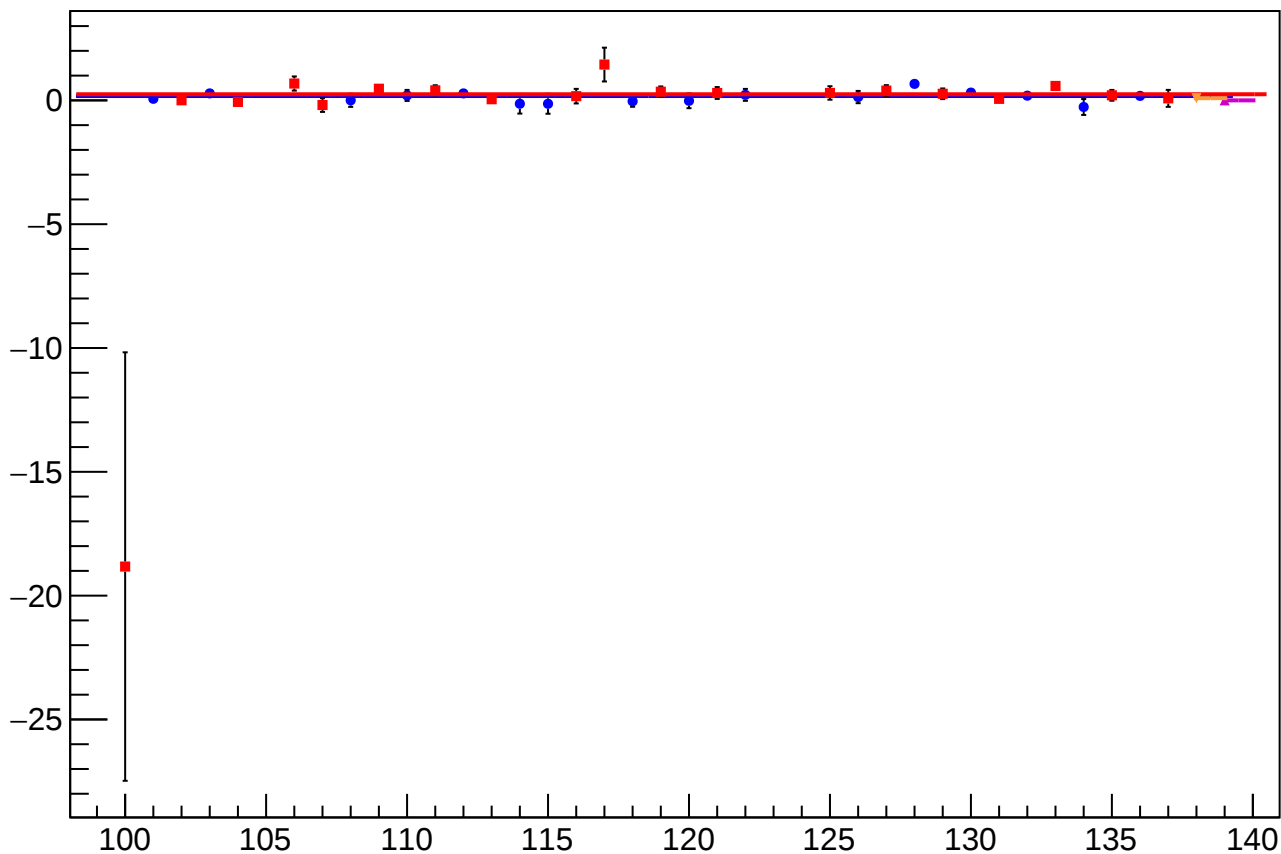
Right Out: -0.053+/-0.029 χ^2/NDF : 28.8/18

Left In: -0.319+/-0.172 χ^2/NDF : 0.0/0

-0.007+/-0.027 χ^2/NDF : 14.2/16

-0.061+/-0.029 χ^2/NDF : 31.1/19

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.176+/-0.053 χ^2/NDF : 13.0/15

Left Out: 0.089+/-0.102 χ^2/NDF : 0.0/0

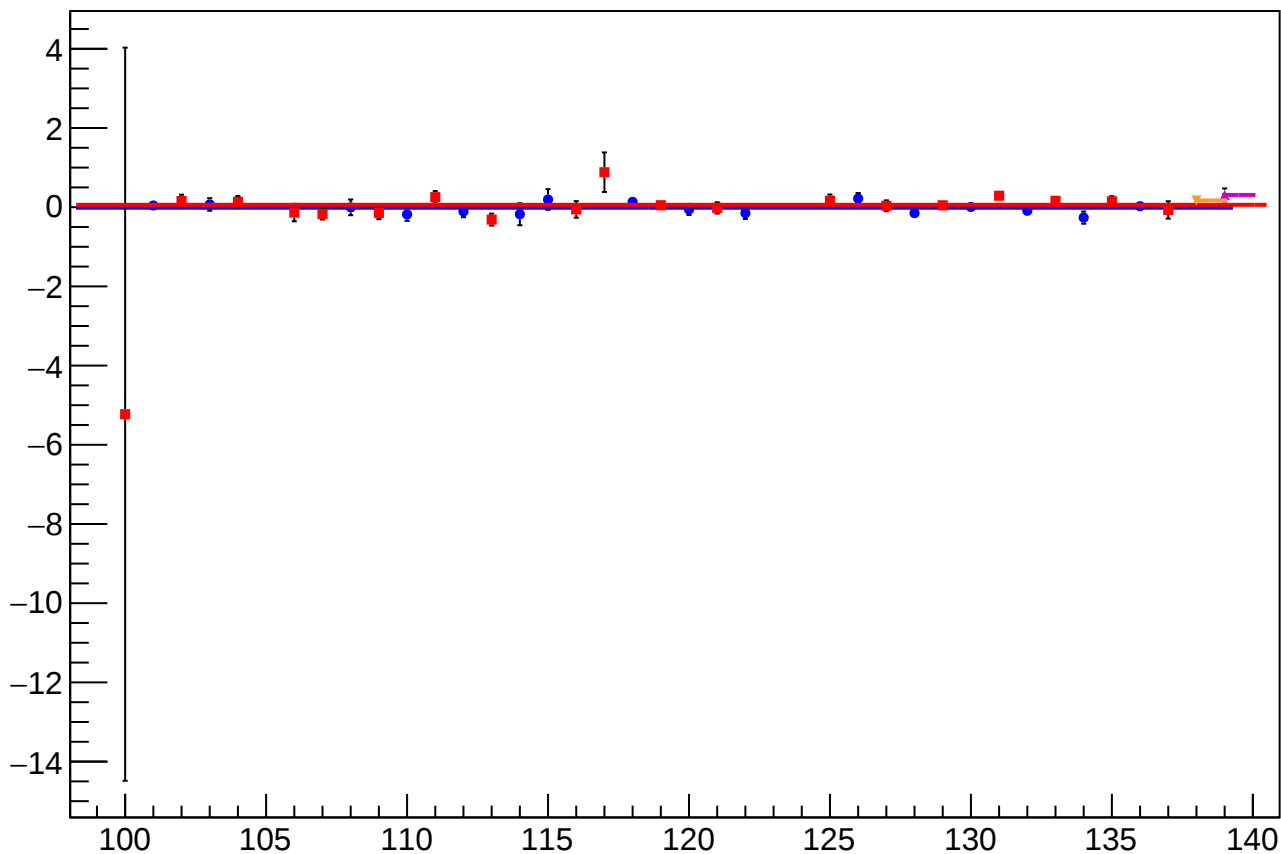
Right Out: 0.247+/-0.054 χ^2/NDF : 24.7/18

Left In: 0.001+/-0.104 χ^2/NDF : 0.0/0

0.158+/-0.047 χ^2/NDF : 13.5/16

0.195+/-0.048 χ^2/NDF : 29.2/19

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.013 ± 0.033 χ^2/NDF : 13.6/15

Left Out: 0.171 ± 0.114 χ^2/NDF : 0.0/0

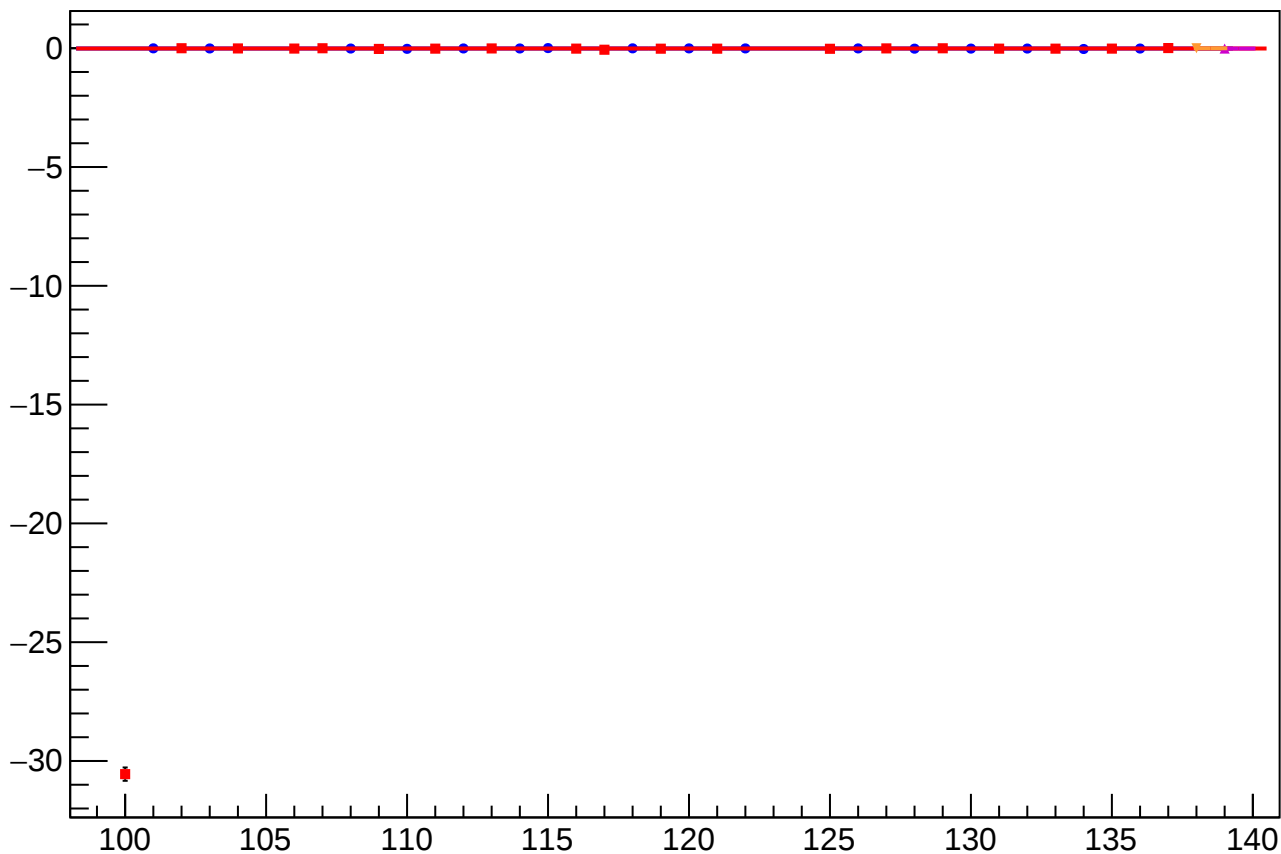
Right Out: 0.061 ± 0.034 χ^2/NDF : 23.1/18

Left In: 0.310 ± 0.165 χ^2/NDF : 0.0/0

0.001 ± 0.032 χ^2/NDF : 16.1/16

0.071 ± 0.033 χ^2/NDF : 25.3/19

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 $\pm$ 0.002 χ^2 /NDF: 12.8/15

-0.010 $\pm$ 0.002 χ^2 /NDF: 18.3/16

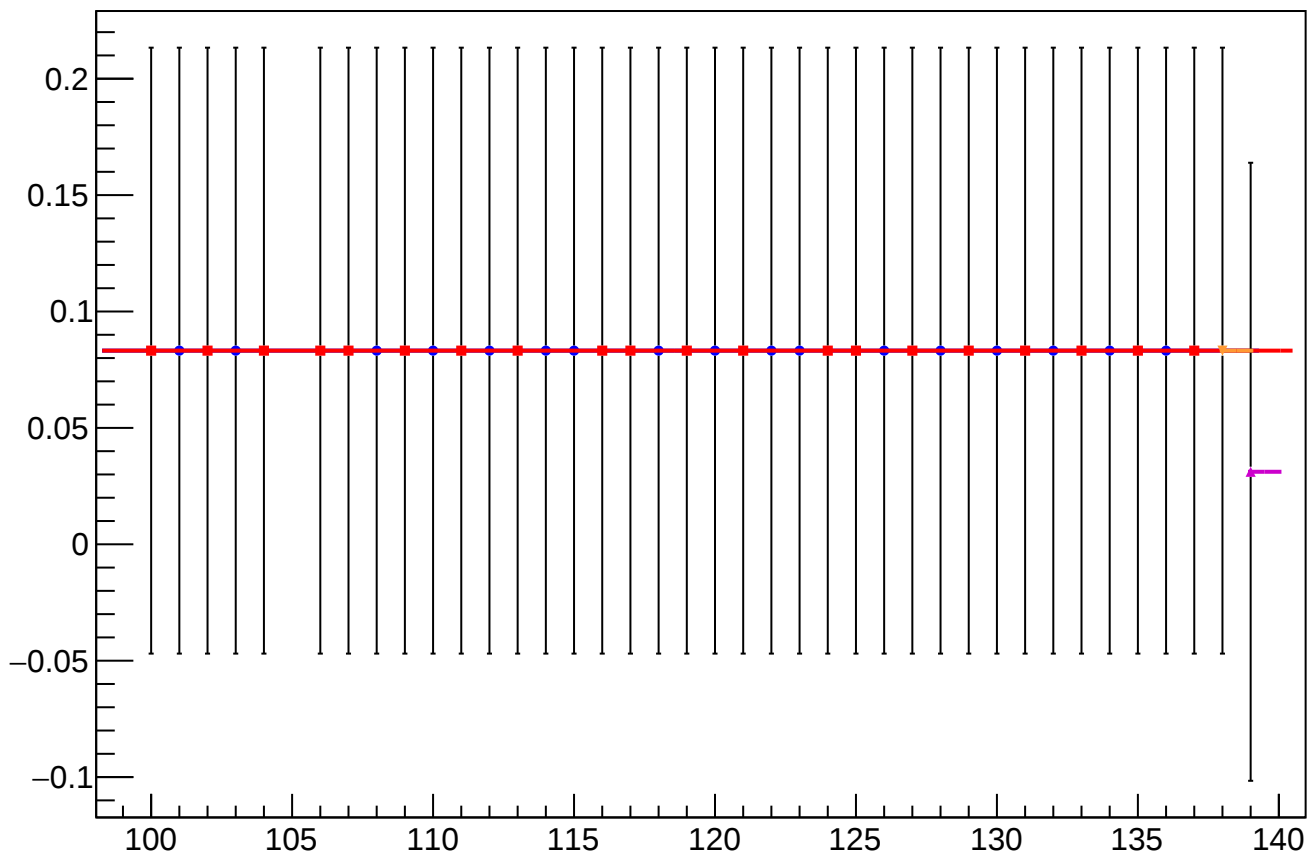
Left Out: -0.002 $\pm$ 0.004 χ^2 /NDF: 0.0/0

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11894.0/18

-0.013 $\pm$ 0.002 χ^2 /NDF: 11894.4/19

Left In: -0.015 $\pm$ 0.004 χ^2 /NDF: 0.0/0

reg_asym_dsr_diff_bpm1X_slope vs Slug



Right In: 0.083 $\pm$ 0.032 χ^2 /NDF: 0.0/16

Left Out: 0.083 $\pm$ 0.130 χ^2 /NDF: 0.0/0

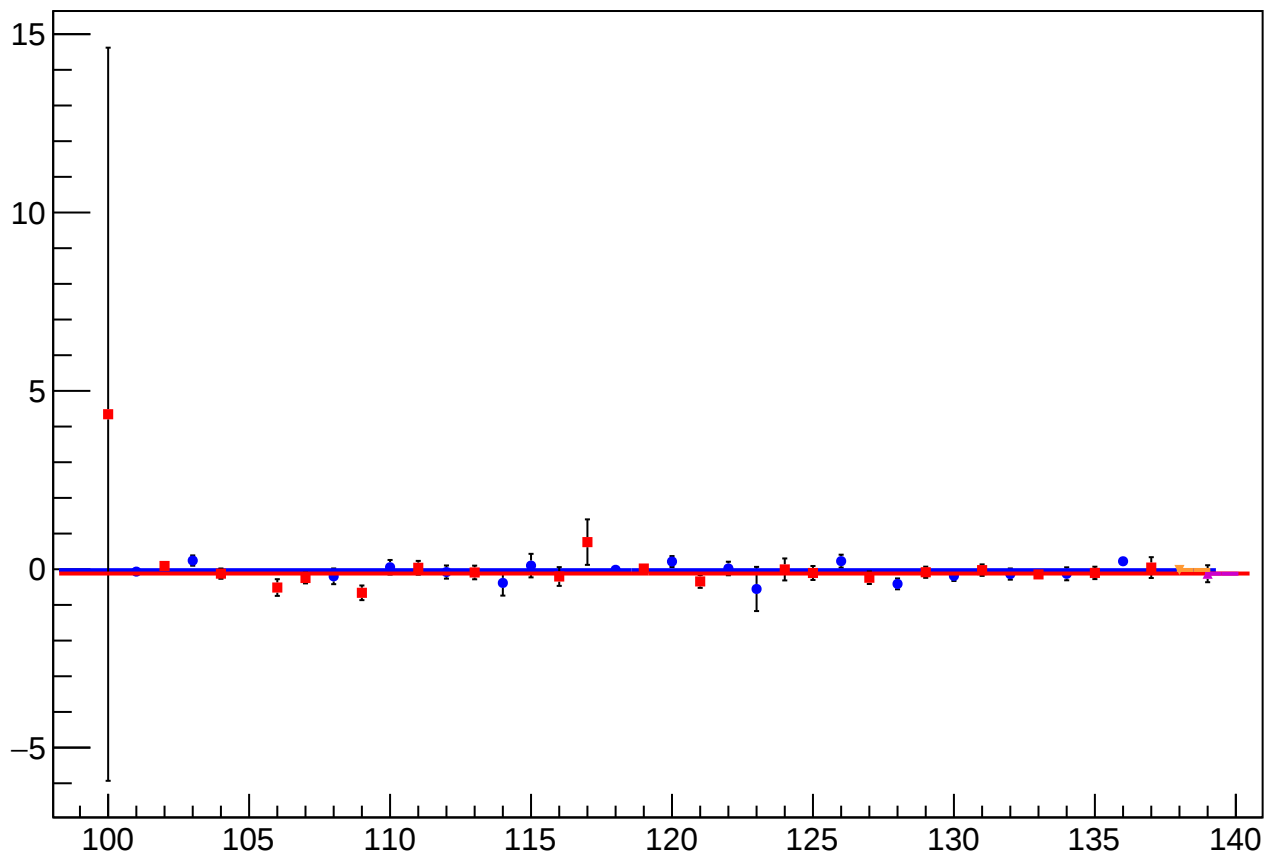
Right Out: 0.083 $\pm$ 0.029 χ^2 /NDF: 0.0/19

Left In: 0.031 $\pm$ 0.133 χ^2 /NDF: 0.0/0

0.083 $\pm$ 0.031 χ^2 /NDF: 0.0/17

0.081 $\pm$ 0.028 χ^2 /NDF: 0.1/20

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.026 ± 0.037 χ^2/NDF : 22.7/16

Left Out: -0.020 ± 0.140 χ^2/NDF : 0.0/0

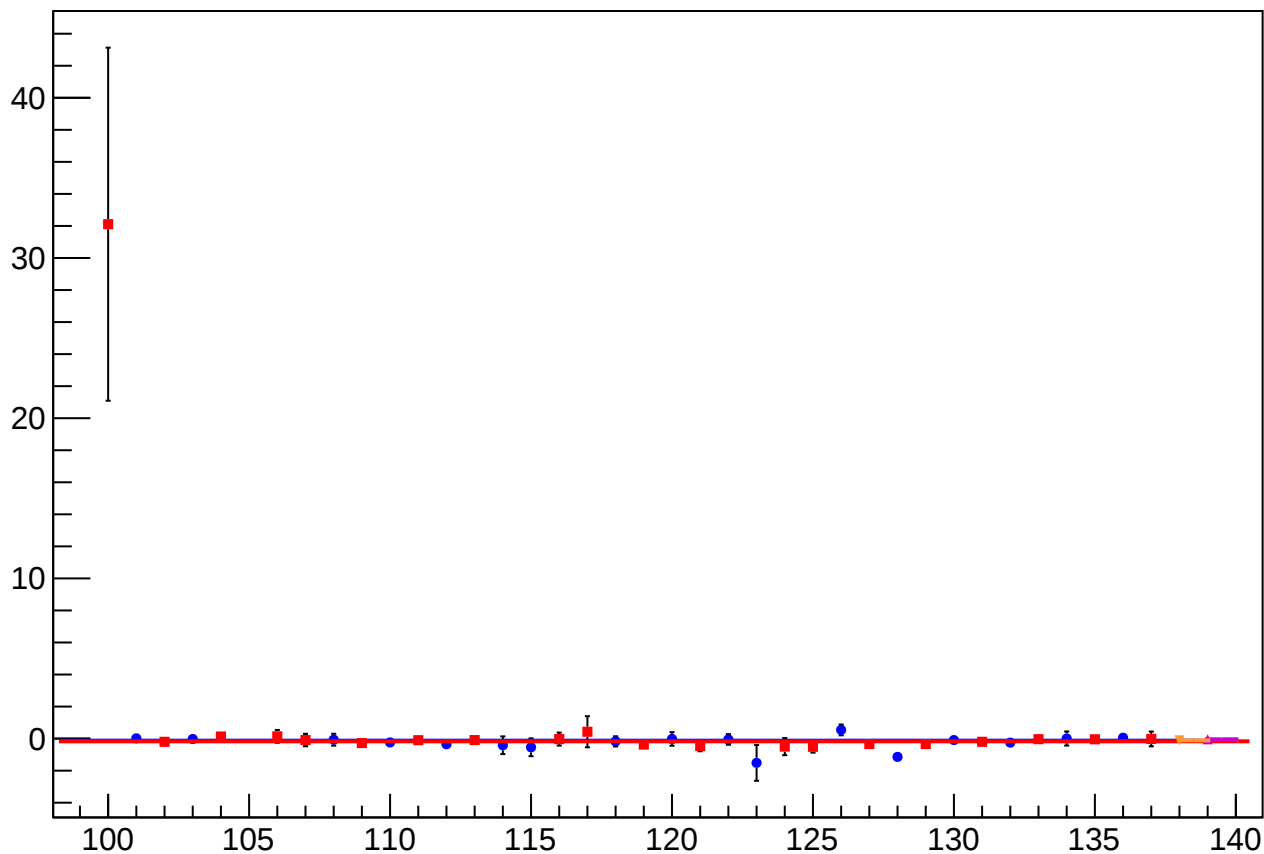
Right Out: -0.120 ± 0.039 χ^2/NDF : 20.2/19

Left In: -0.126 ± 0.238 χ^2/NDF : 0.0/0

-0.026 ± 0.036 χ^2/NDF : 22.7/17

-0.120 ± 0.039 χ^2/NDF : 20.2/20

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129+/-0.067 χ^2 /NDF: 23.1/16

Left Out: -0.109+/-0.141 χ^2 /NDF: 0.0/0

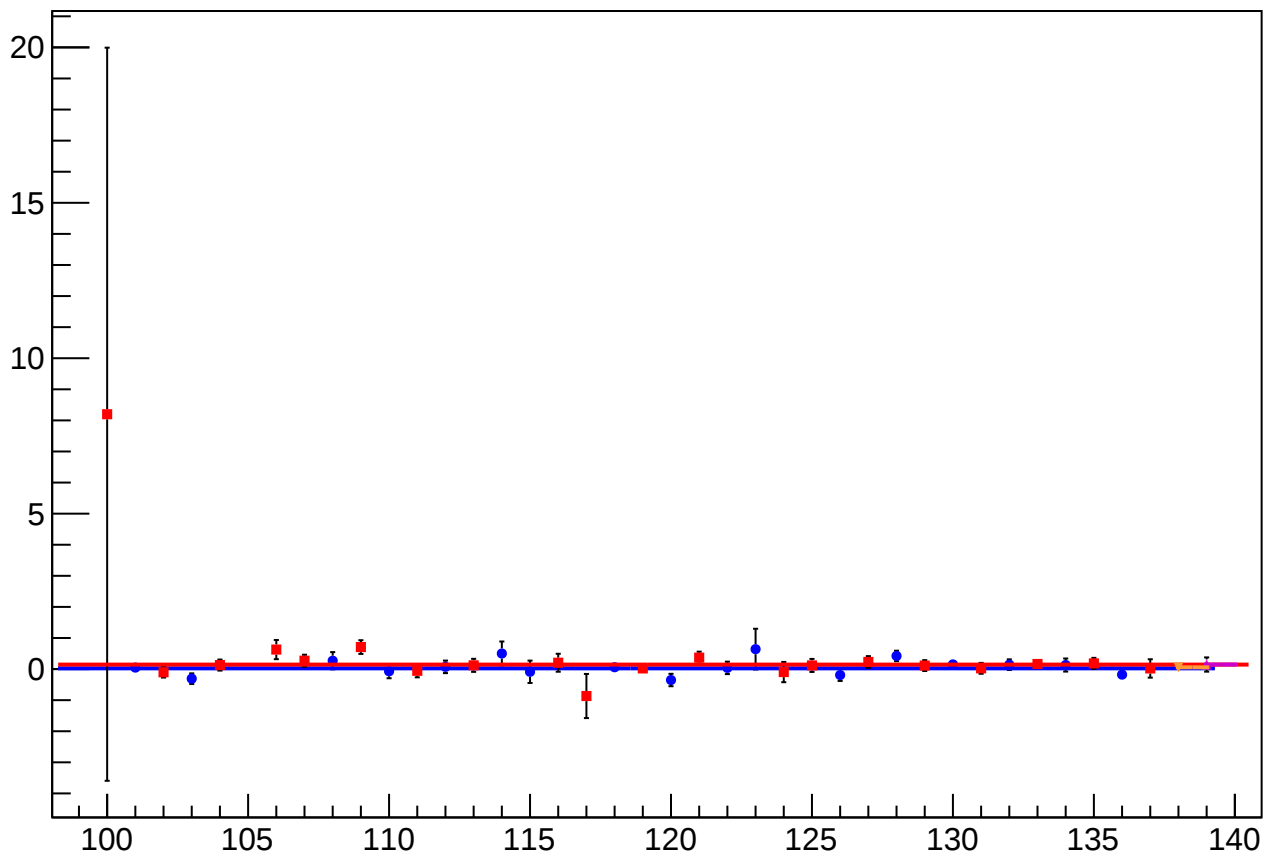
Right Out: -0.169+/-0.071 χ^2 /NDF: 15.3/19

Left In: -0.042+/-0.144 χ^2 /NDF: 0.0/0

-0.126+/-0.061 χ^2 /NDF: 23.1/17

-0.144+/-0.064 χ^2 /NDF: 15.9/20

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.023+/-0.043 χ^2/NDF : 21.3/16

Left Out: 0.056+/-0.157 χ^2/NDF : 0.0/0

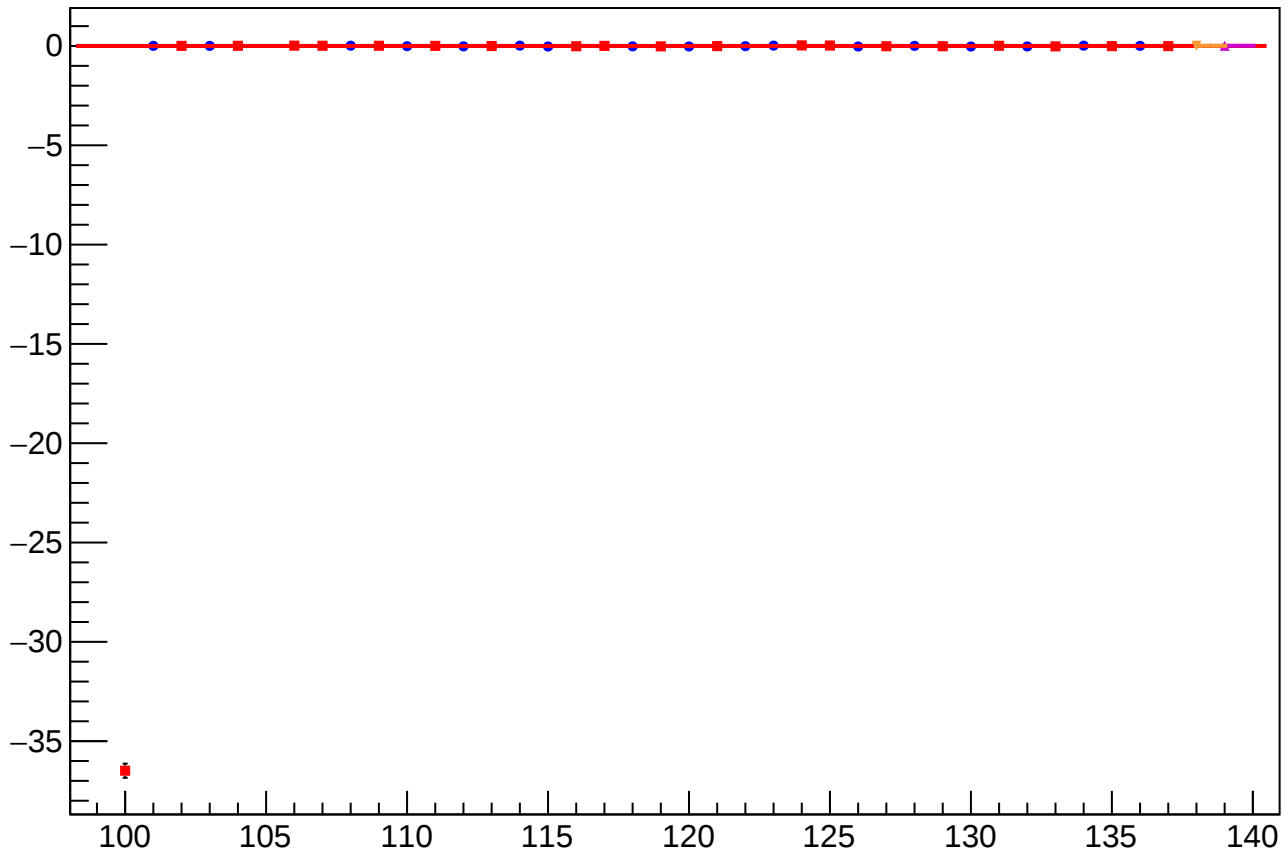
Right Out: 0.144+/-0.045 χ^2/NDF : 18.6/19

Left In: 0.146+/-0.229 χ^2/NDF : 0.0/0

0.025+/-0.041 χ^2/NDF : 21.4/17

0.144+/-0.044 χ^2/NDF : 18.6/20

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 30.6/16

Left Out: 0.012 $\pm$ 0.005 χ^2 /NDF: 0.0/0

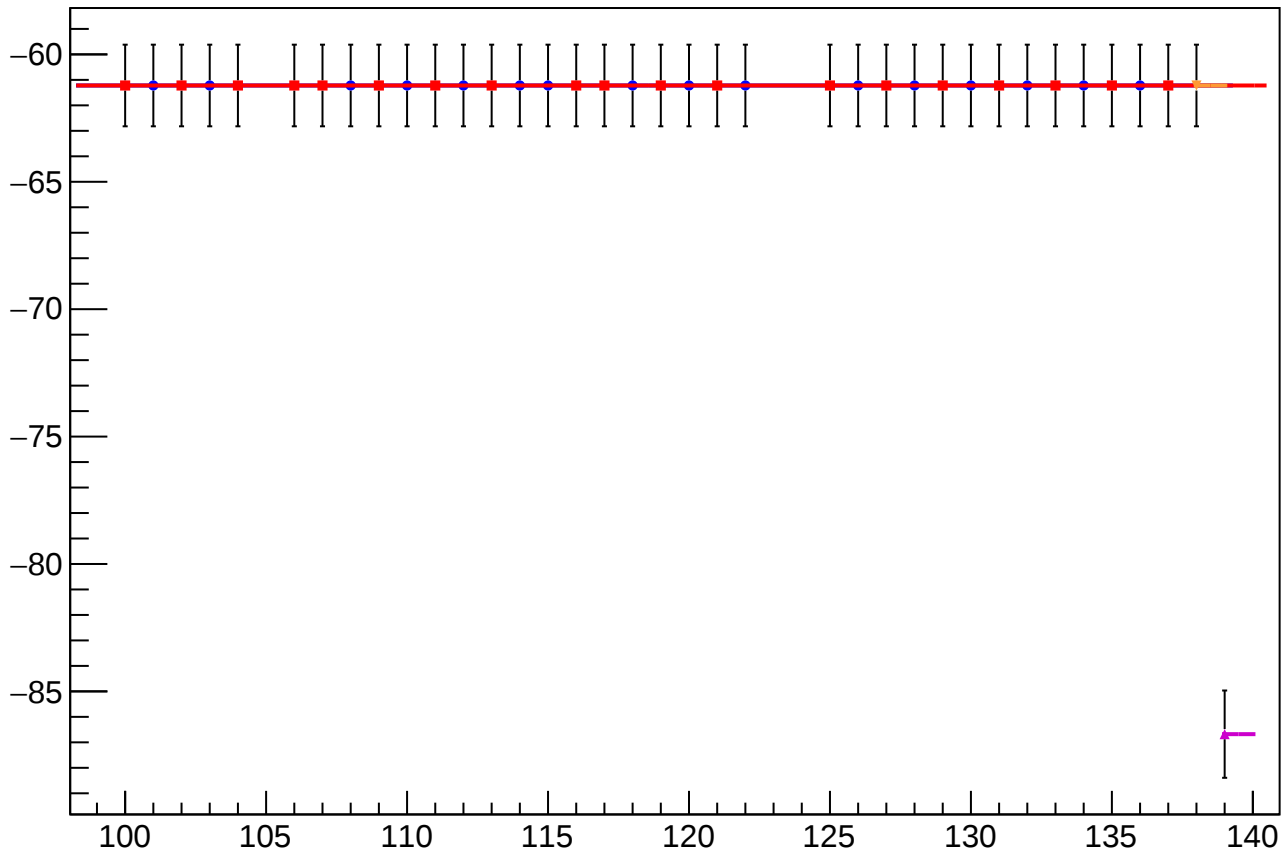
Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.1/19

Left In: 0.011 $\pm$ 0.005 χ^2 /NDF: 0.0/0

0.003 $\pm$ 0.002 χ^2 /NDF: 33.6/17

0.003 $\pm$ 0.002 χ^2 /NDF: 10452.6/20

reg_asym_us_avg_diff_bpm1X_slope vs Slug



Right In: -61.220 $\pm$ 0.400 χ^2 /NDF: 0.0/15

Left Out: -61.220 $\pm$ 1.602 χ^2 /NDF: 0.0/0

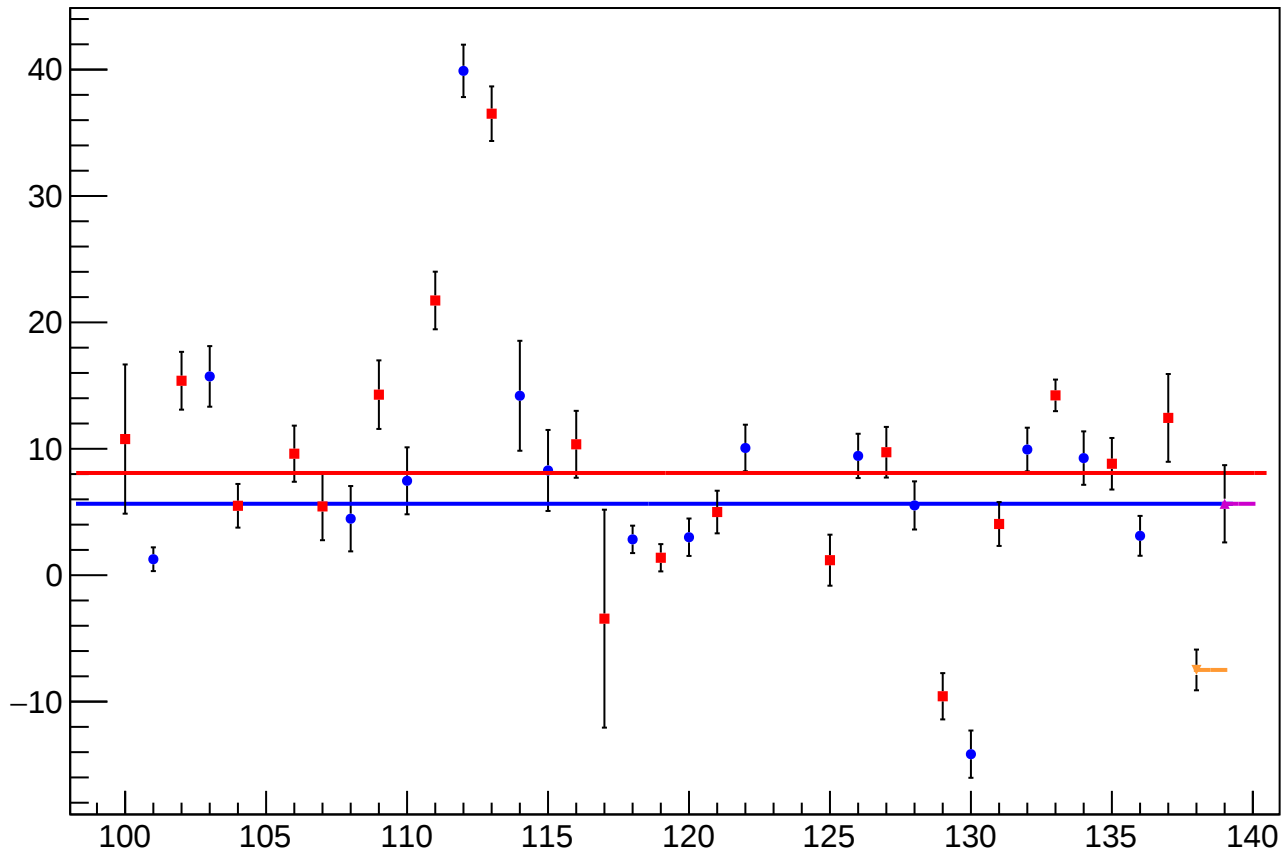
Right Out: -61.220 $\pm$ 0.368 χ^2 /NDF: 0.0/18

Left In: -86.679 $\pm$ 1.713 χ^2 /NDF: 0.0/0

-61.220 $\pm$ 0.389 χ^2 /NDF: 0.0/16

-62.341 $\pm$ 0.359 χ^2 /NDF: 211.2/19

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.651+/-0.429 χ^2/NDF : 461.9/15

Left Out: -7.495+/-1.611 χ^2/NDF : 0.0/0

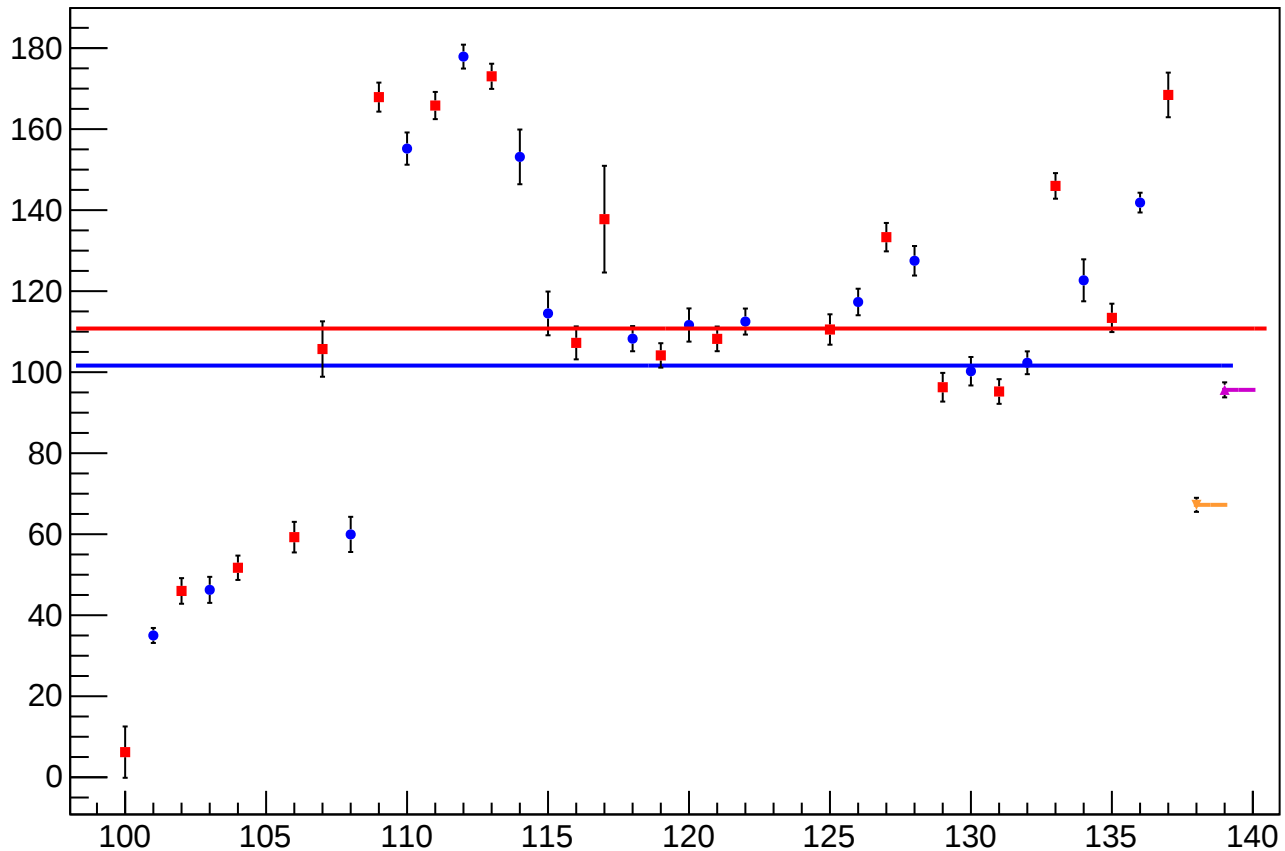
Right Out: 8.087+/-0.452 χ^2/NDF : 409.7/18

Left In: 5.650+/-3.057 χ^2/NDF : 0.0/0

4.780+/-0.415 χ^2/NDF : 524.1/16

8.035+/-0.447 χ^2/NDF : 410.3/19

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.630 ± 0.812 χ^2/NDF : 2980.2/15

Left Out: 67.251 ± 1.737 χ^2/NDF : 0.0/0

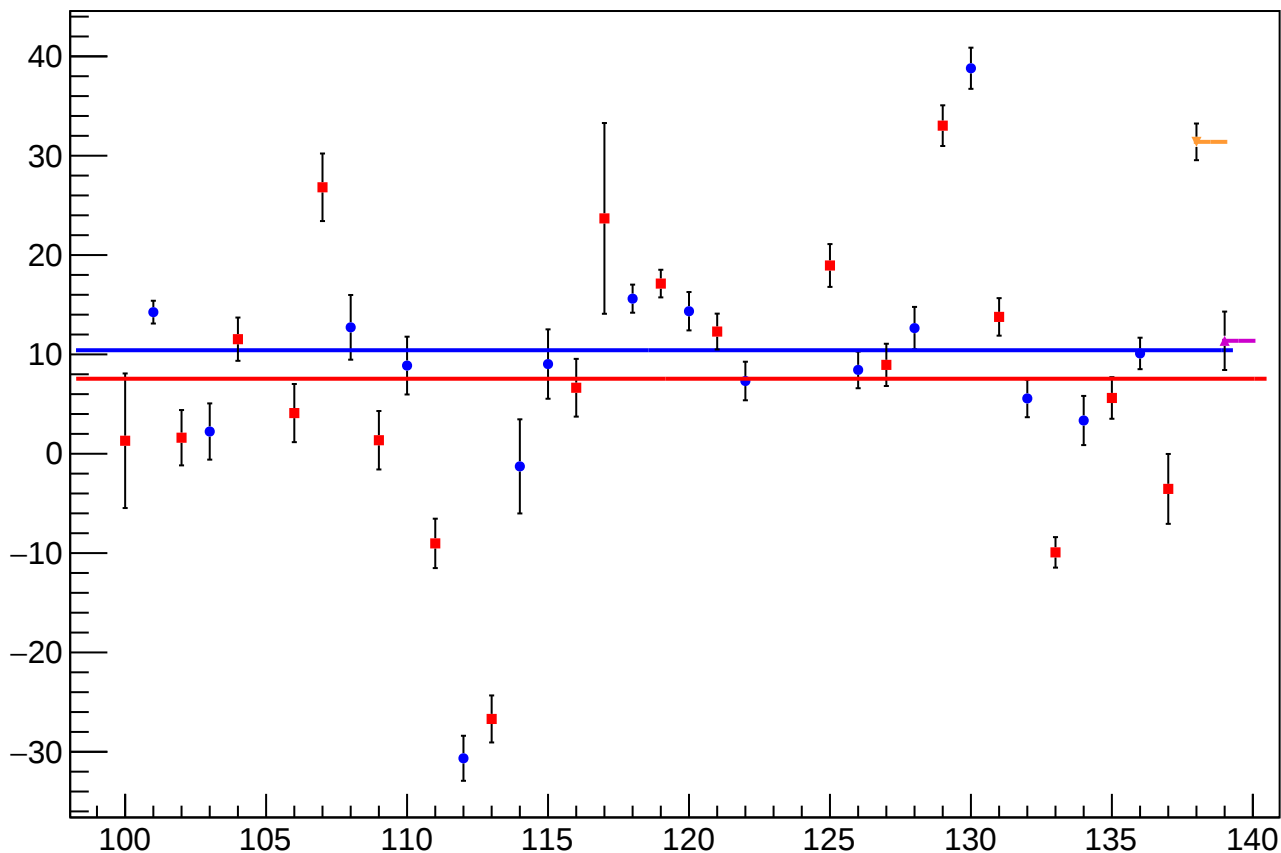
Right Out: 110.778 ± 0.834 χ^2/NDF : 2518.3/18

Left In: 95.635 ± 1.857 χ^2/NDF : 0.0/0

95.463 ± 0.736 χ^2/NDF : 3301.7/16

108.235 ± 0.761 χ^2/NDF : 2573.6/19

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.420 $\pm$ 0.497 χ^2 /NDF: 579.7/15

Left Out: 31.394 $\pm$ 1.845 χ^2 /NDF: 0.0/0

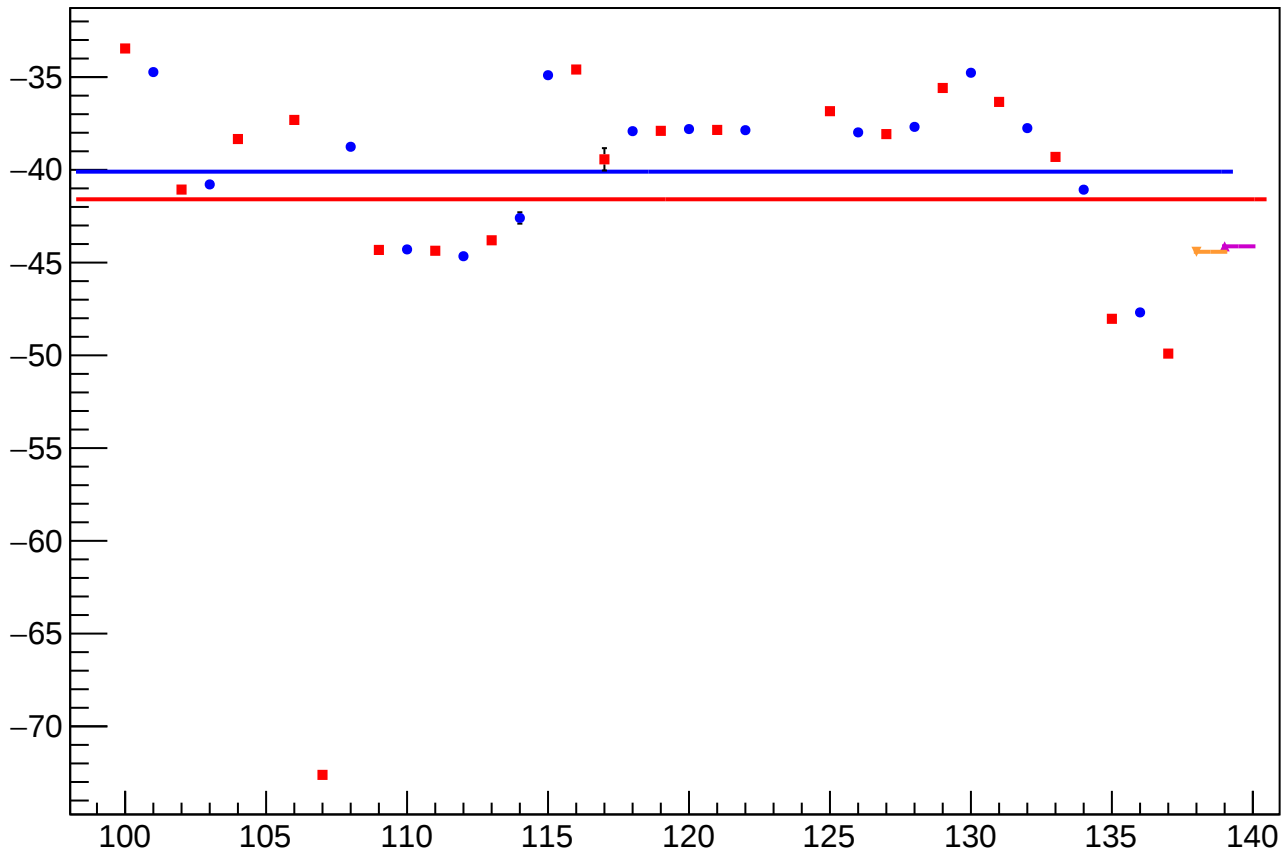
Right Out: 7.550 $\pm$ 0.522 χ^2 /NDF: 692.3/18

Left In: 11.369 $\pm$ 2.940 χ^2 /NDF: 0.0/0

11.840 $\pm$ 0.480 χ^2 /NDF: 700.2/16

7.667 $\pm$ 0.514 χ^2 /NDF: 693.9/19

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.098 ± 0.028 $\chi^2/\text{NDF}: 25073.4/15$

Left Out: -44.418 ± 0.069 $\chi^2/\text{NDF}: 0.0/0$

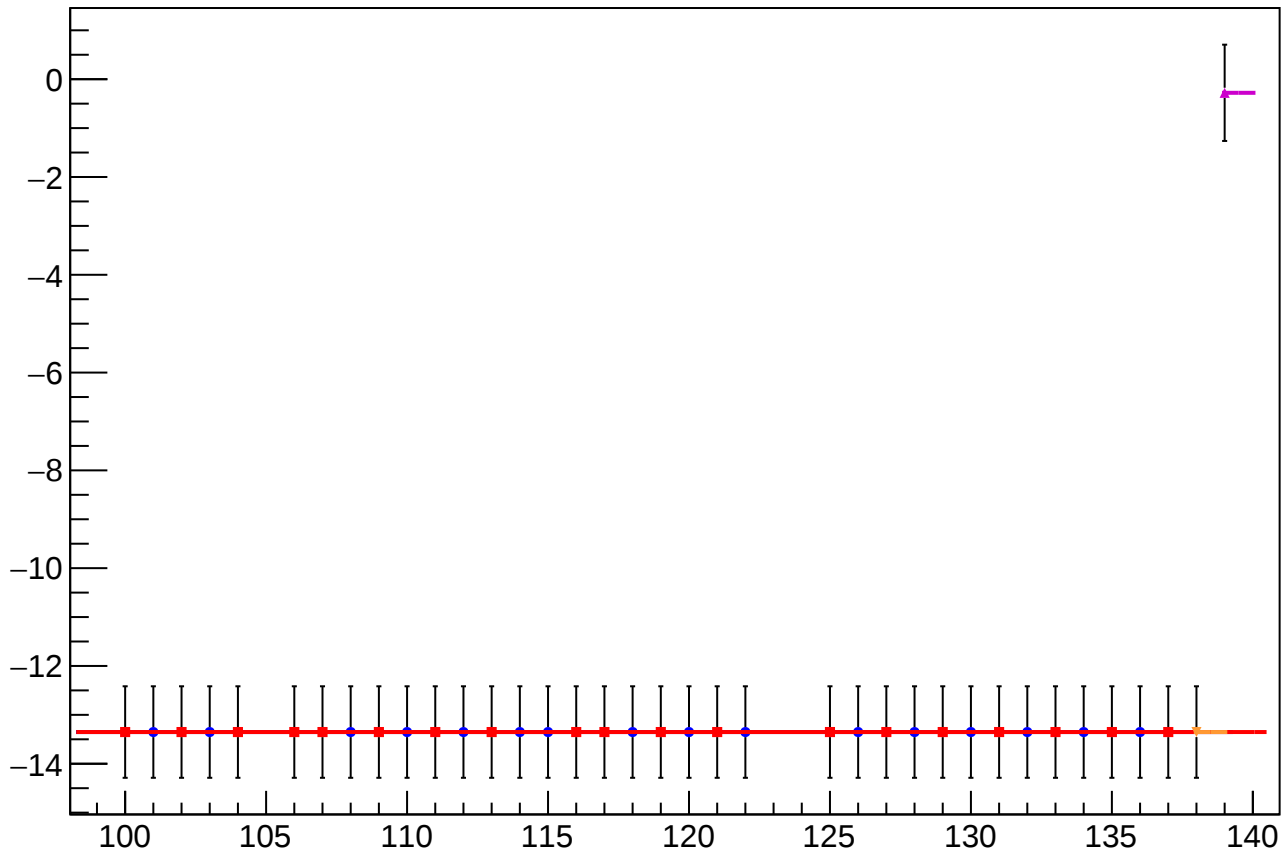
Right Out: -41.588 ± 0.029 $\chi^2/\text{NDF}: 61690.5/18$

Left In: -44.124 ± 0.065 $\chi^2/\text{NDF}: 0.0/0$

-40.726 ± 0.026 $\chi^2/\text{NDF}: 28454.0/16$

-41.999 ± 0.026 $\chi^2/\text{NDF}: 62969.4/19$

reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: -13.352 +/- 0.234 χ^2/NDF : 0.0/15

Left Out: -13.352 +/- 0.936 χ^2/NDF : 0.0/0

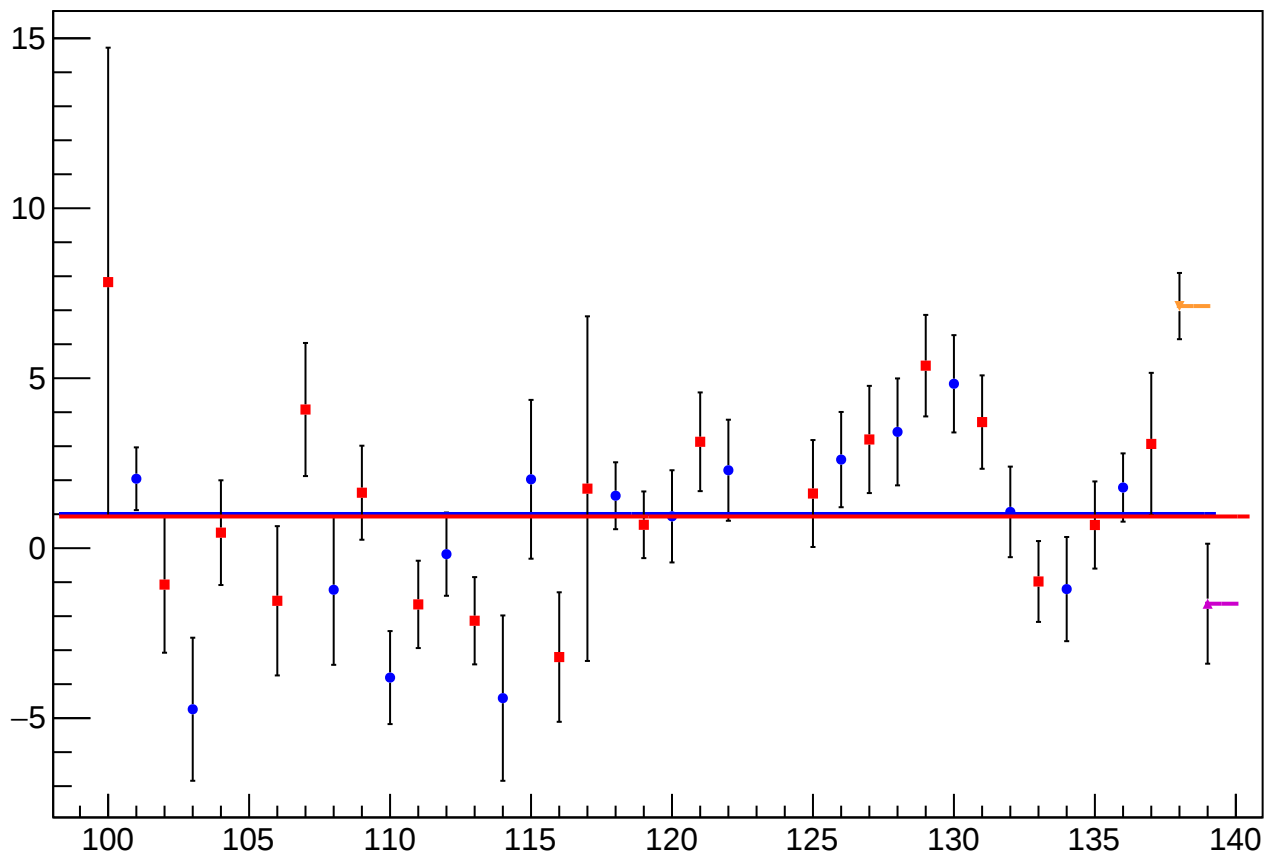
Right Out: -13.352 +/- 0.215 χ^2/NDF : 0.0/18

Left In: -0.278 +/- 0.985 χ^2/NDF : 0.0/0

-13.352 +/- 0.227 χ^2/NDF : 0.0/16

-12.758 +/- 0.210 χ^2/NDF : 168.3/19

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 1.006 $\pm$ 0.342 χ^2 /NDF: 42.7/15

Left Out: 7.123 $\pm$ 0.975 χ^2 /NDF: 0.0/0

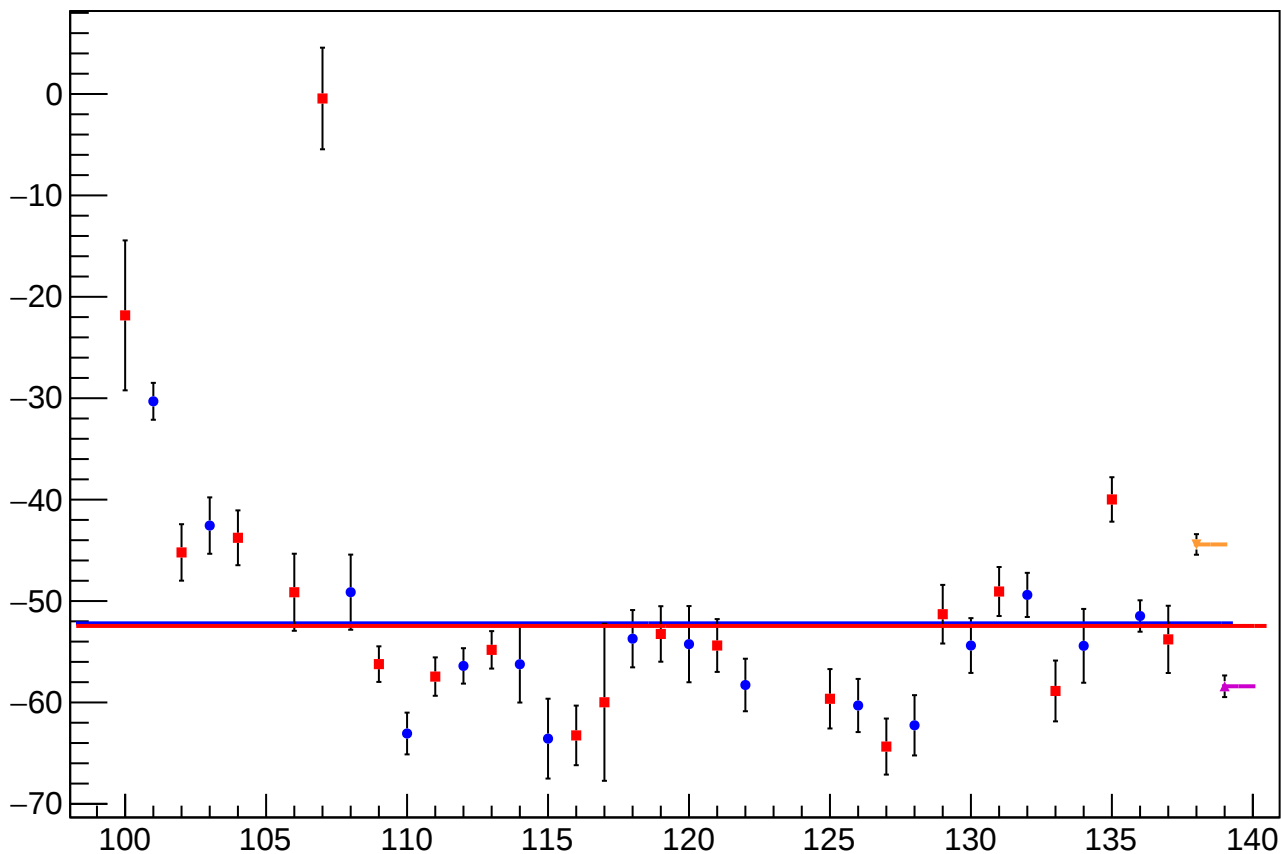
Right Out: 0.933 $\pm$ 0.352 χ^2 /NDF: 41.9/18

Left In: -1.633 $\pm$ 1.765 χ^2 /NDF: 0.0/0

1.675 $\pm$ 0.322 χ^2 /NDF: 77.8/16

0.834 $\pm$ 0.346 χ^2 /NDF: 43.9/19

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.200 $\pm$ 0.615 χ^2 /NDF: 230.6/15

Left Out: -44.419 $\pm$ 1.015 χ^2 /NDF: 0.0/0

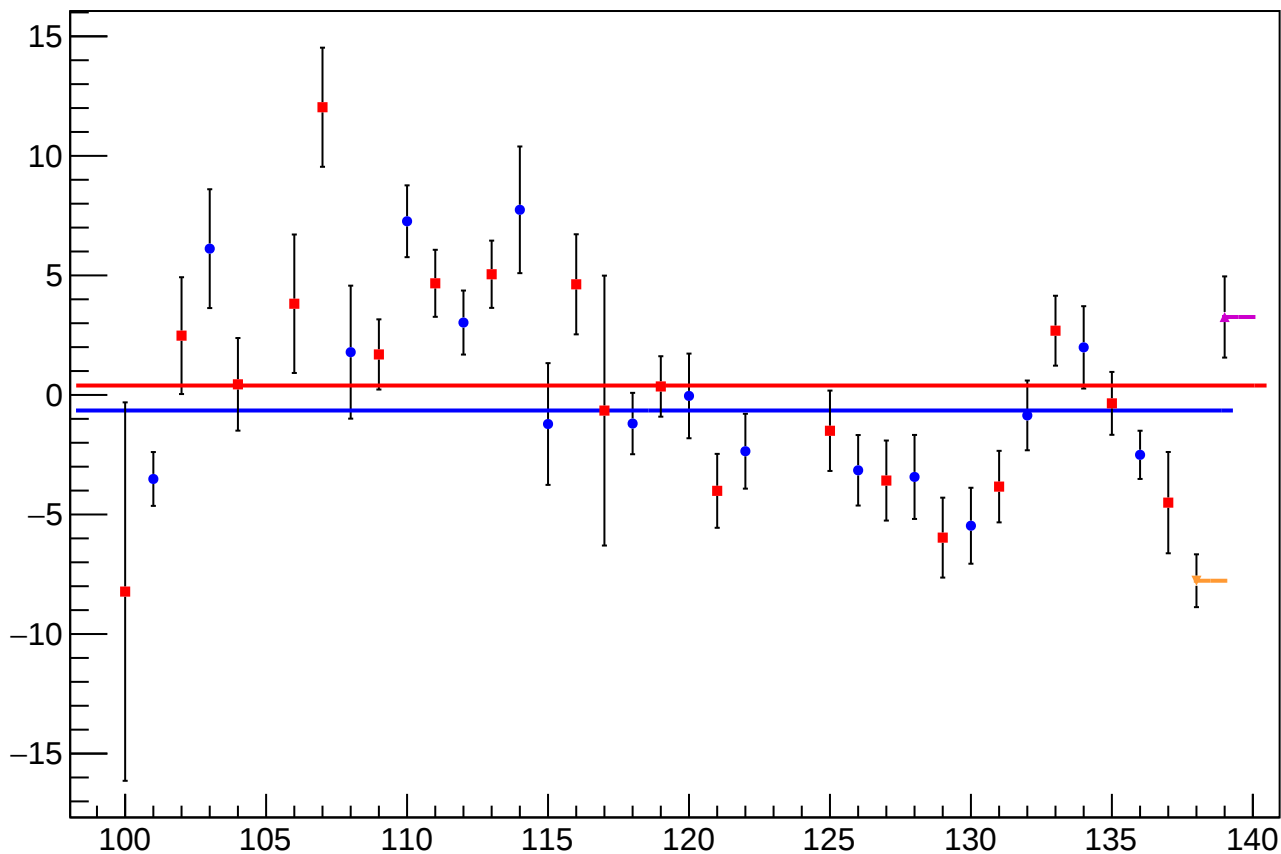
Right Out: -52.455 $\pm$ 0.614 χ^2 /NDF: 234.8/18

Left In: -58.405 $\pm$ 1.067 χ^2 /NDF: 0.0/0

-50.112 $\pm$ 0.526 χ^2 /NDF: 273.6/16

-53.935 $\pm$ 0.532 χ^2 /NDF: 258.2/19

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.651 ± 0.387 χ^2/NDF : 81.9/15

Left Out: -7.771 ± 1.105 χ^2/NDF : 0.0/0

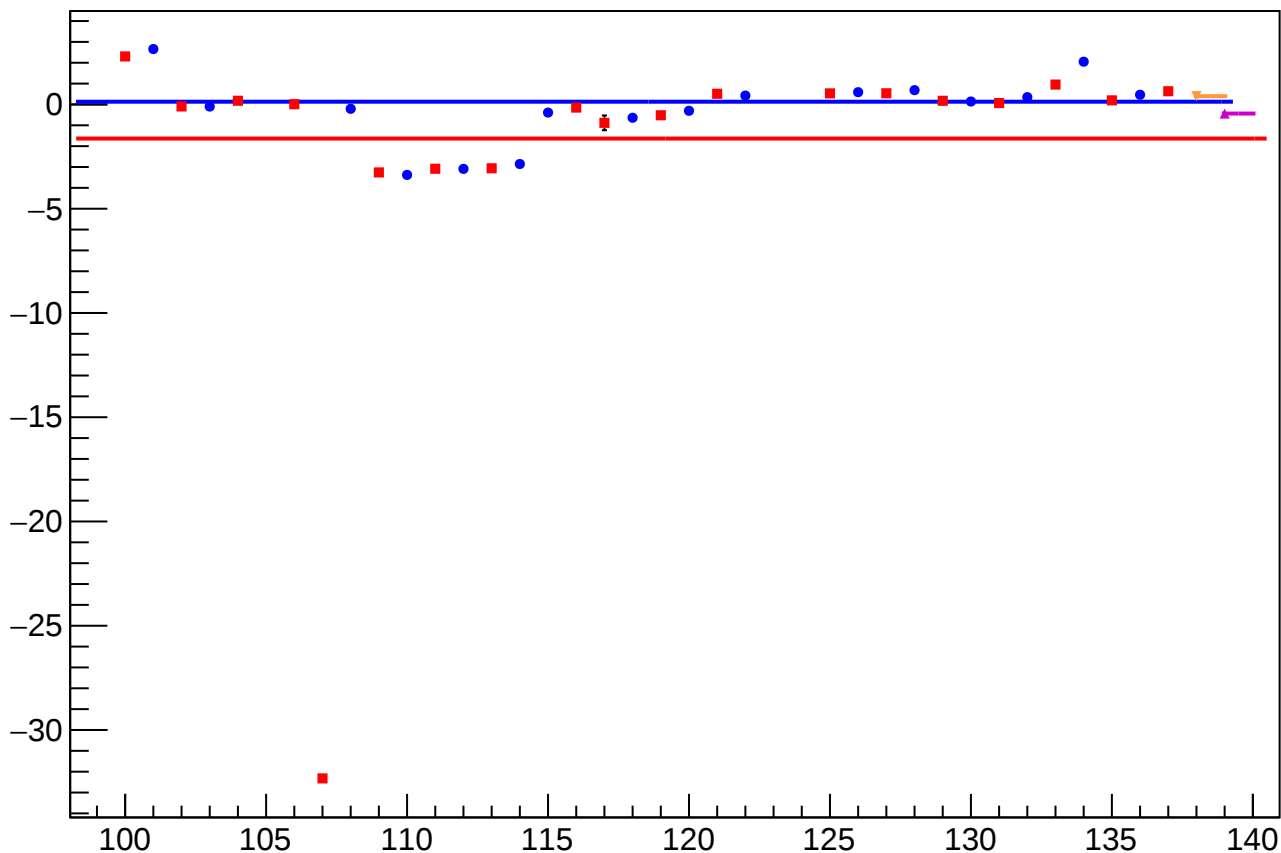
Right Out: 0.394 ± 0.398 χ^2/NDF : 95.9/18

Left In: 3.260 ± 1.698 χ^2/NDF : 0.0/0

-1.428 ± 0.365 χ^2/NDF : 118.9/16

0.544 ± 0.388 χ^2/NDF : 98.6/19

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.132 $\pm$ 0.022 χ^2 /NDF: 5247.5/15

Left Out: 0.397 $\pm$ 0.040 χ^2 /NDF: 0.0/0

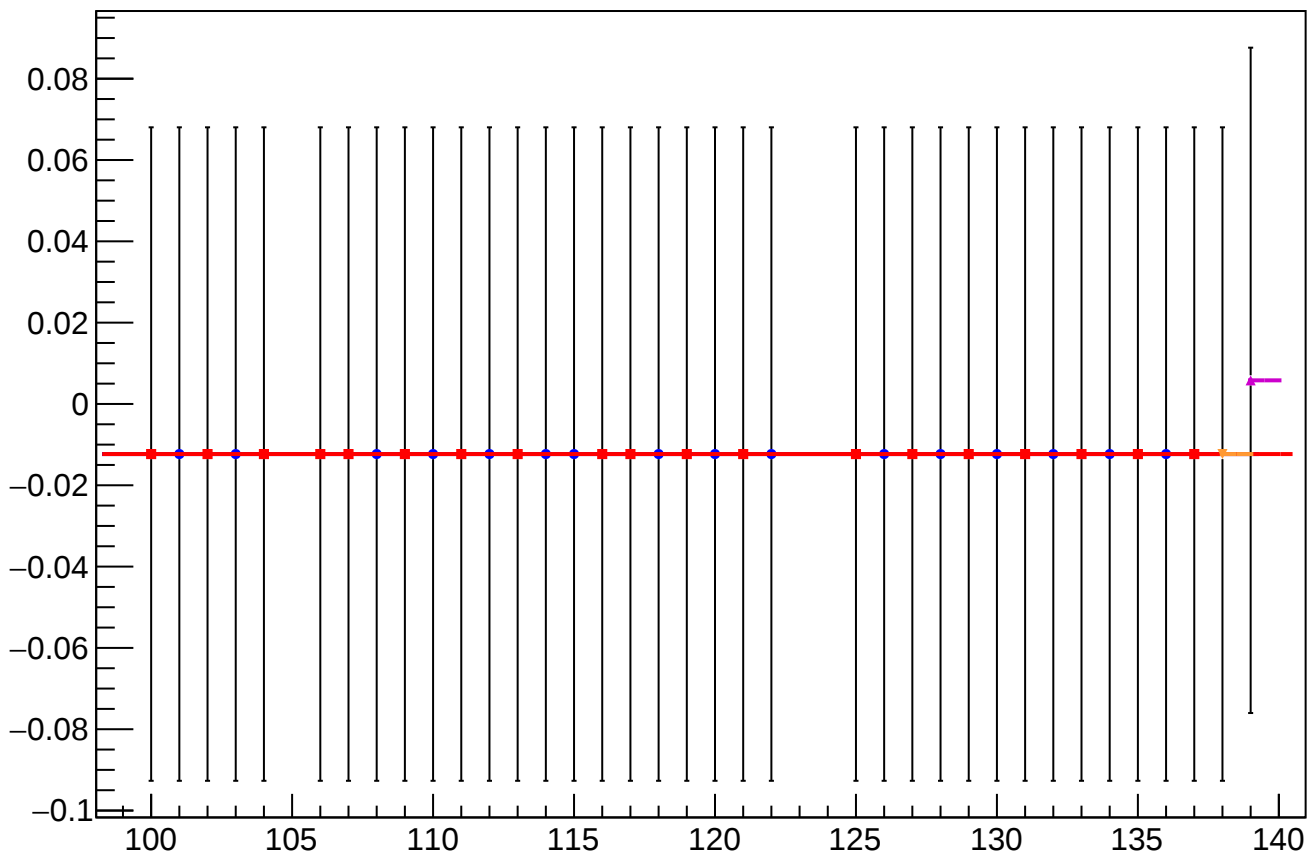
Right Out: -1.635 $\pm$ 0.022 χ^2 /NDF: 77852.9/18

Left In: -0.436 $\pm$ 0.037 χ^2 /NDF: 0.0/0

0.192 $\pm$ 0.019 χ^2 /NDF: 5281.9/16

-1.332 $\pm$ 0.019 χ^2 /NDF: 78616.9/19

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: -0.012 $\pm$ 0.020 χ^2 /NDF: 0.0/15

Left Out: -0.012 $\pm$ 0.080 χ^2 /NDF: 0.0/0

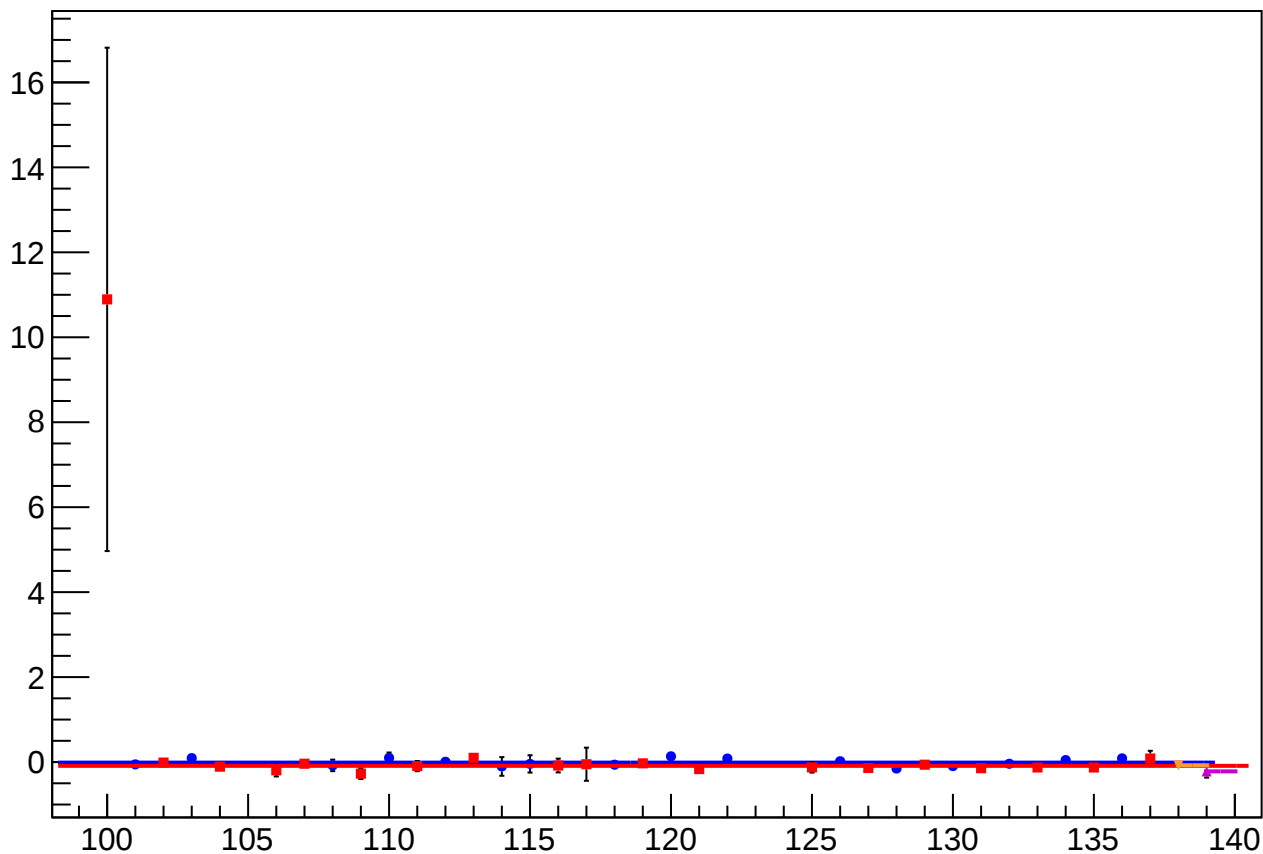
Right Out: -0.012 $\pm$ 0.018 χ^2 /NDF: 0.0/18

Left In: 0.006 $\pm$ 0.082 χ^2 /NDF: 0.0/0

-0.012 $\pm$ 0.019 χ^2 /NDF: 0.0/16

-0.011 $\pm$ 0.018 χ^2 /NDF: 0.0/19

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013 $\pm$ 0.023 χ^2 /NDF: 11.7/15

Left Out: -0.076 $\pm$ 0.086 χ^2 /NDF: 0.0/0

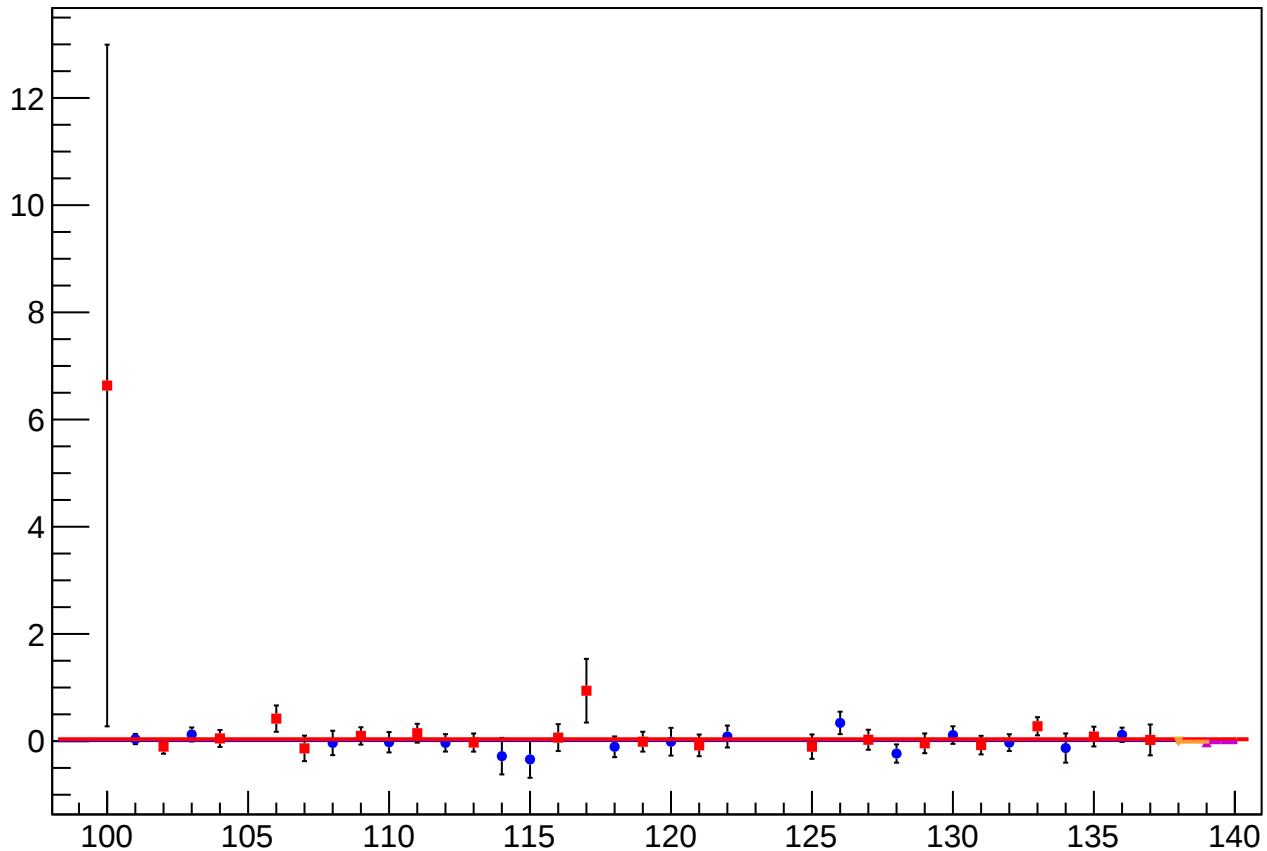
Right Out: -0.089 $\pm$ 0.025 χ^2 /NDF: 13.0/18

Left In: -0.220 $\pm$ 0.147 χ^2 /NDF: 0.0/0

-0.017 $\pm$ 0.023 χ^2 /NDF: 12.2/16

-0.093 $\pm$ 0.024 χ^2 /NDF: 13.7/19

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.020+/-0.043 χ^2/NDF : 9.1/15

Left Out: -0.010+/-0.087 χ^2/NDF : 0.0/0

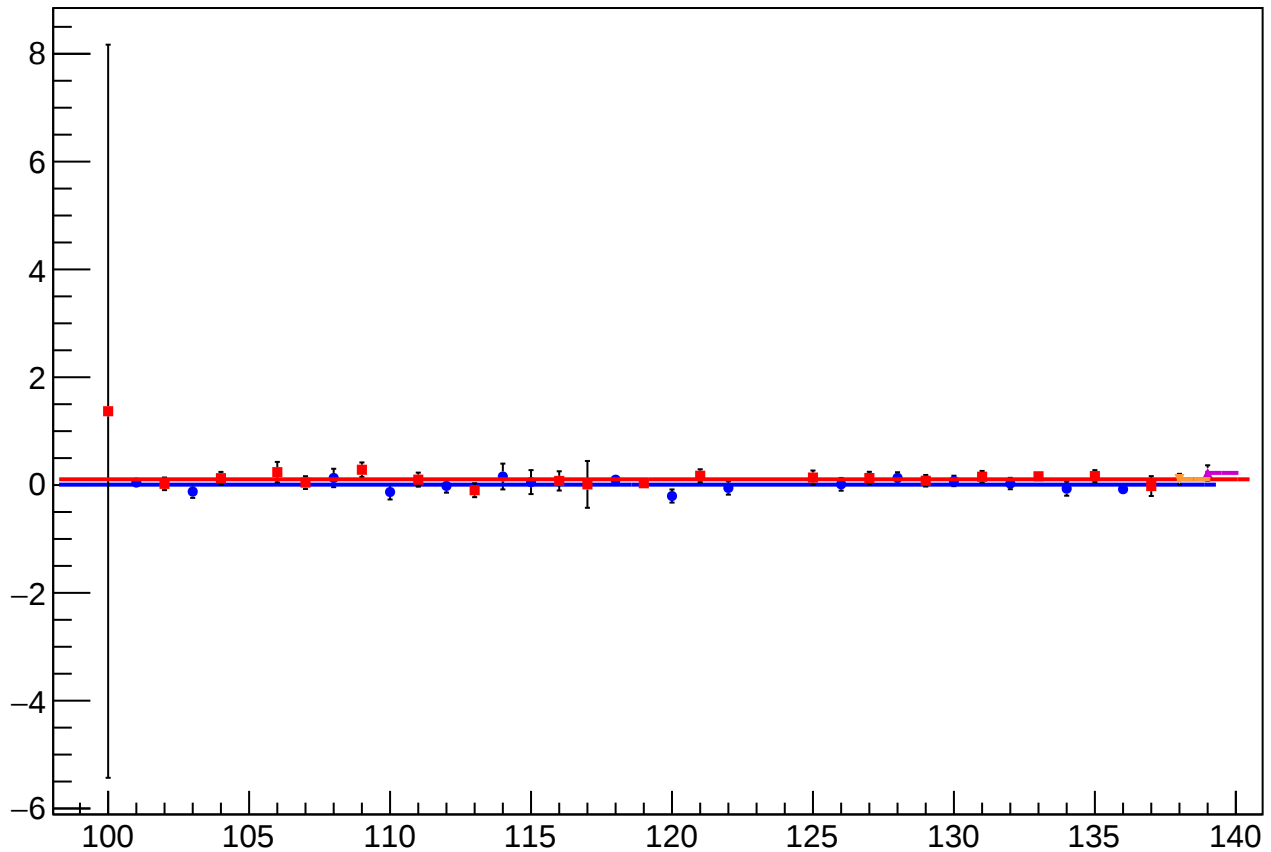
Right Out: 0.035+/-0.045 χ^2/NDF : 11.6/18

Left In: -0.021+/-0.089 χ^2/NDF : 0.0/0

0.014+/-0.039 χ^2/NDF : 9.2/16

0.024+/-0.040 χ^2/NDF : 11.9/19

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 $\pm$ 0.027 χ^2 /NDF: 11.3/15

Left Out: 0.111 $\pm$ 0.097 χ^2 /NDF: 0.0/0

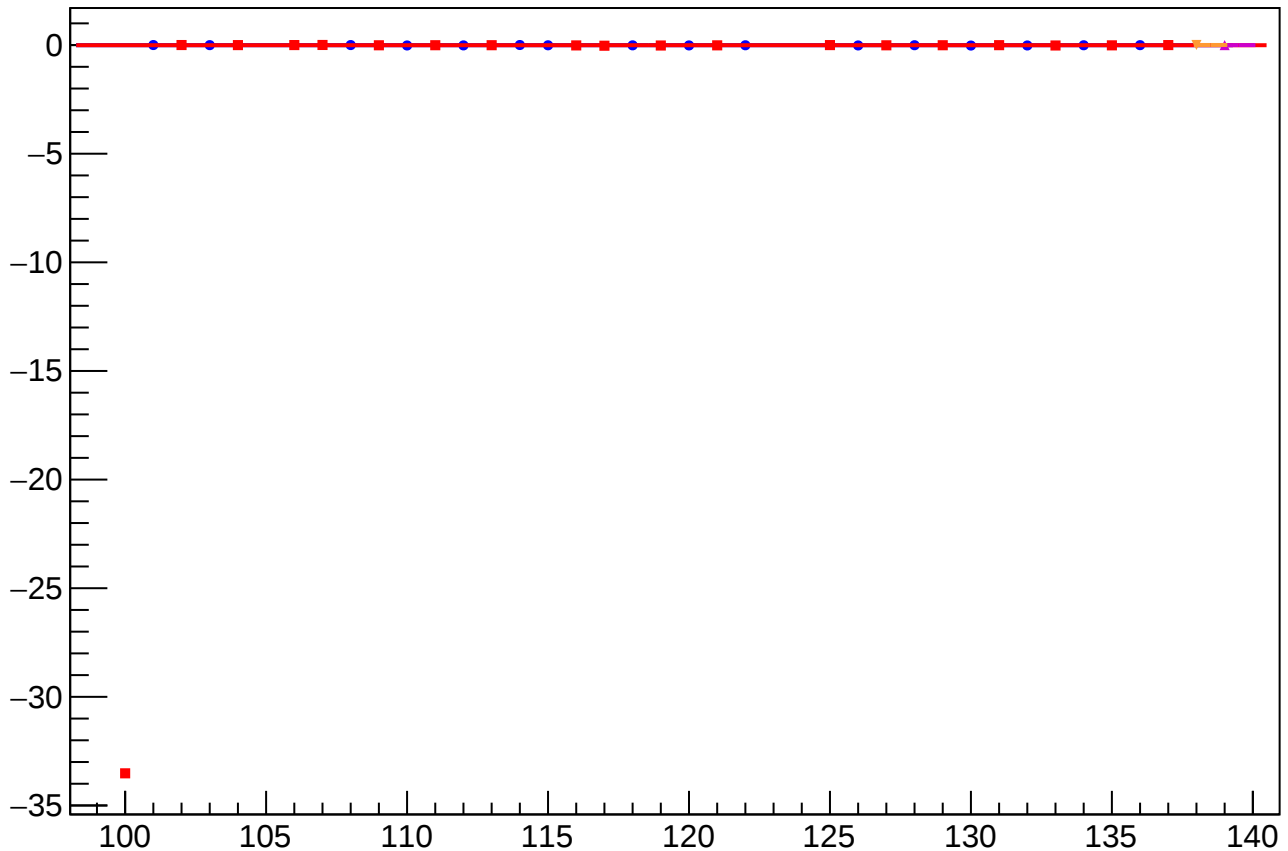
Right Out: 0.106 $\pm$ 0.029 χ^2 /NDF: 8.2/18

Left In: 0.226 $\pm$ 0.141 χ^2 /NDF: 0.0/0

0.015 $\pm$ 0.026 χ^2 /NDF: 12.3/16

0.111 $\pm$ 0.028 χ^2 /NDF: 8.9/19

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005+/-0.001 χ^2/NDF : 21.8/15

Left Out: 0.005+/-0.003 χ^2/NDF : 0.0/0

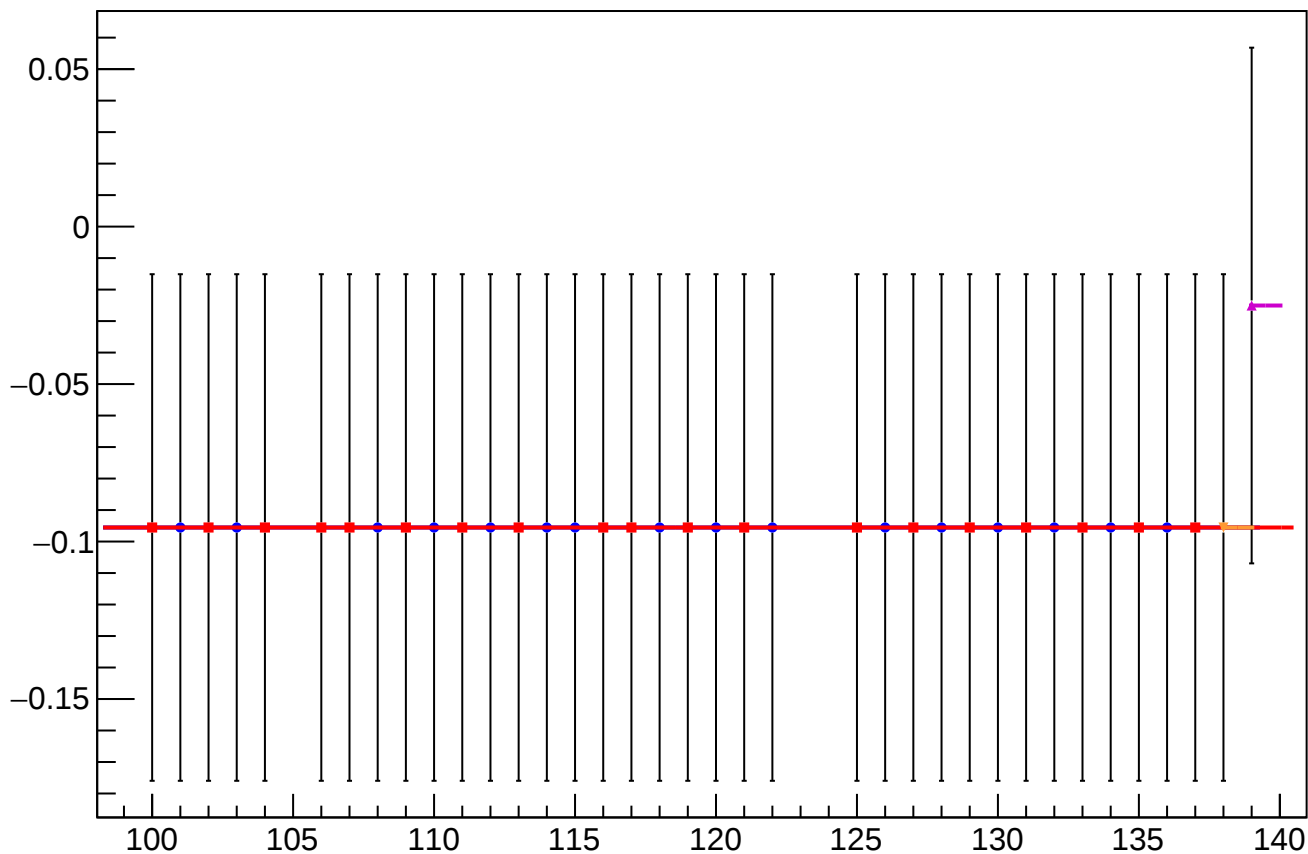
Right Out: -0.006+/-0.001 χ^2/NDF : 26509.5/18

Left In: -0.001+/-0.003 χ^2/NDF : 0.0/0

-0.004+/-0.001 χ^2/NDF : 29.6/16

-0.005+/-0.001 χ^2/NDF : 26511.2/19

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



Right In: -0.096 ± 0.020 χ^2/NDF : 0.0/15

Left Out: -0.096 ± 0.080 χ^2/NDF : 0.0/0

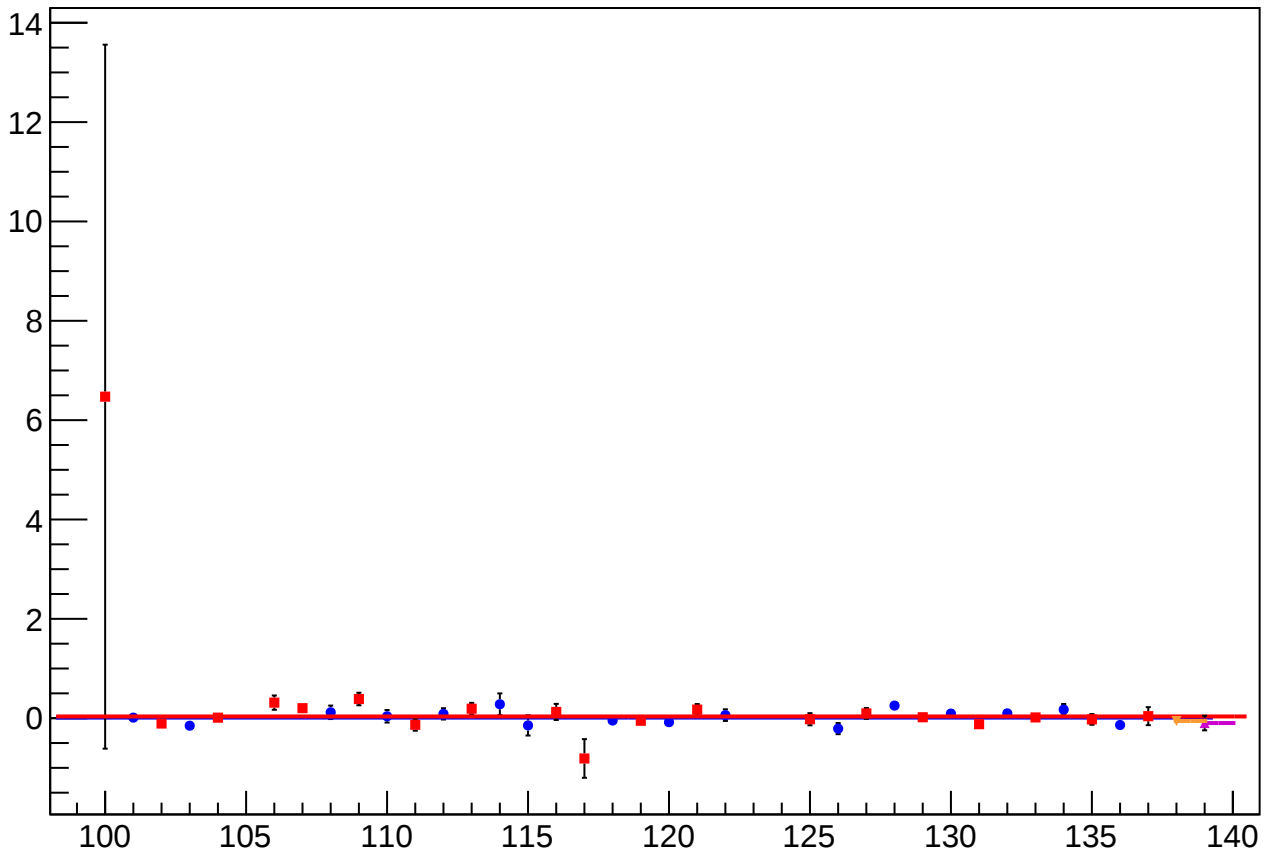
Right Out: -0.096 ± 0.018 χ^2/NDF : 0.0/18

Left In: -0.025 ± 0.082 χ^2/NDF : 0.0/0

-0.096 ± 0.020 χ^2/NDF : 0.0/16

-0.092 ± 0.018 χ^2/NDF : 0.7/19

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.012 $\pm$ 0.023 χ^2 /NDF: 25.0/15

Left Out: -0.056 $\pm$ 0.086 χ^2 /NDF: 0.0/0

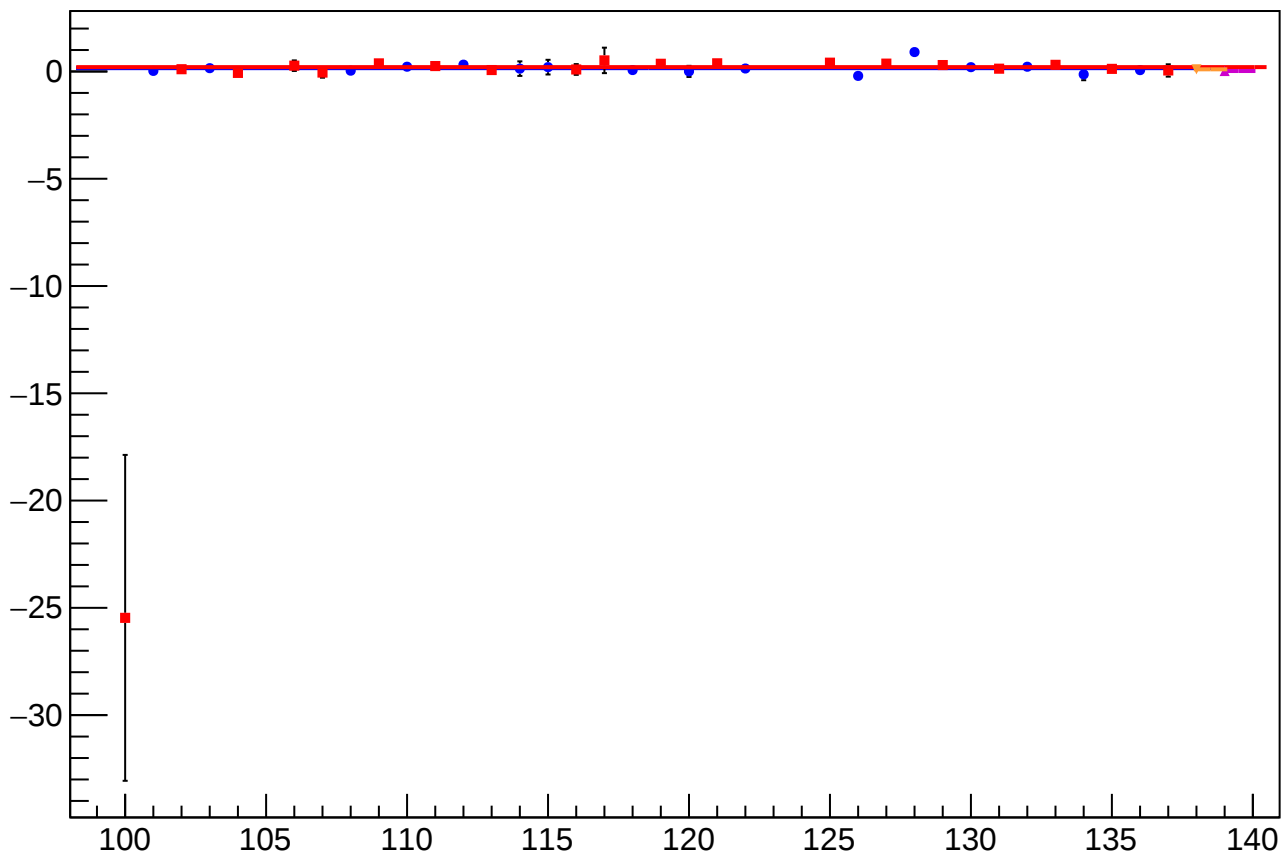
Right Out: 0.035 $\pm$ 0.025 χ^2 /NDF: 33.2/18

Left In: -0.098 $\pm$ 0.147 χ^2 /NDF: 0.0/0

0.007 $\pm$ 0.023 χ^2 /NDF: 25.6/16

0.031 $\pm$ 0.024 χ^2 /NDF: 34.0/19

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.154 $\pm$ 0.043 χ^2 /NDF: 27.9/15

Left Out: 0.100 $\pm$ 0.087 χ^2 /NDF: 0.0/0

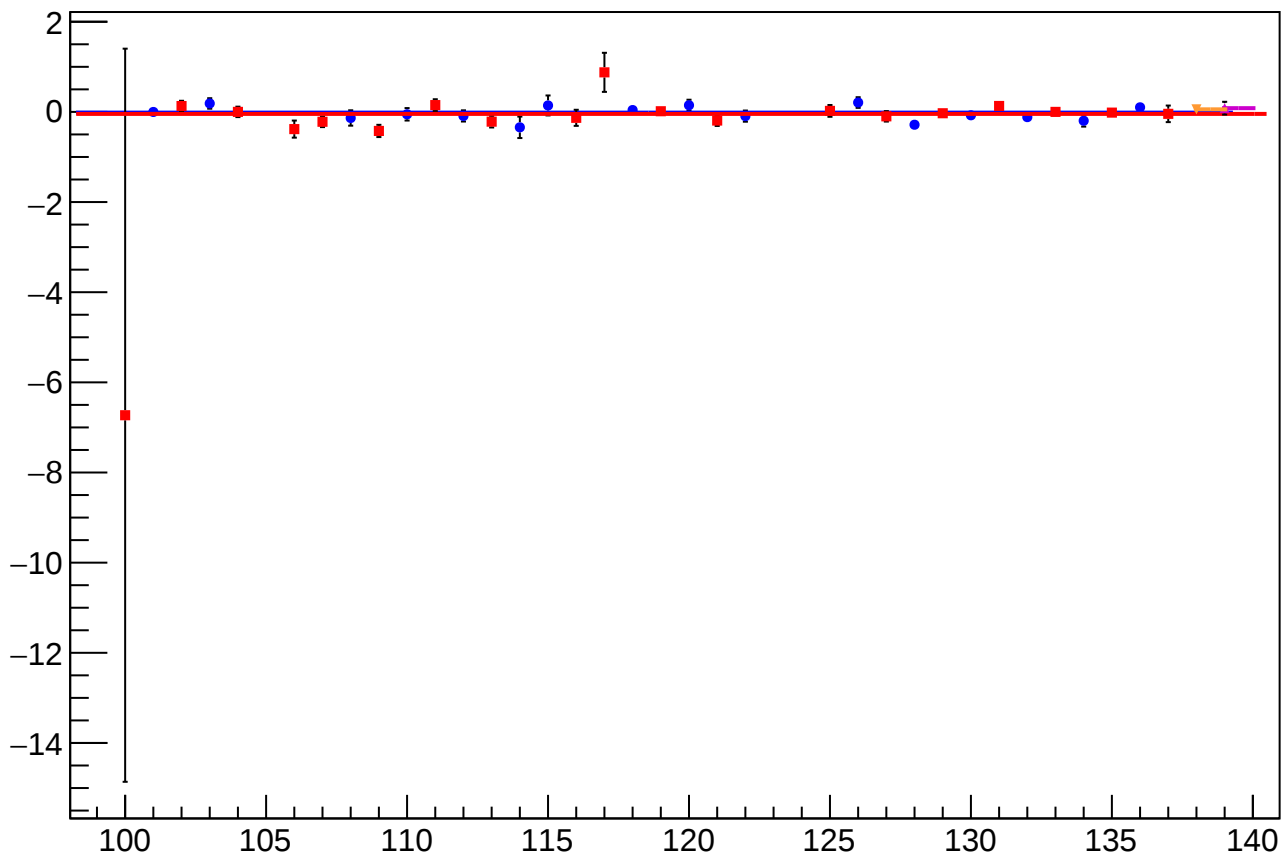
Right Out: 0.203 $\pm$ 0.045 χ^2 /NDF: 22.9/18

Left In: 0.021 $\pm$ 0.089 χ^2 /NDF: 0.0/0

0.144 $\pm$ 0.039 χ^2 /NDF: 28.3/16

0.166 $\pm$ 0.040 χ^2 /NDF: 26.2/19

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.016 ± 0.027 χ^2/NDF : 24.3/15

Left Out: 0.057 ± 0.097 χ^2/NDF : 0.0/0

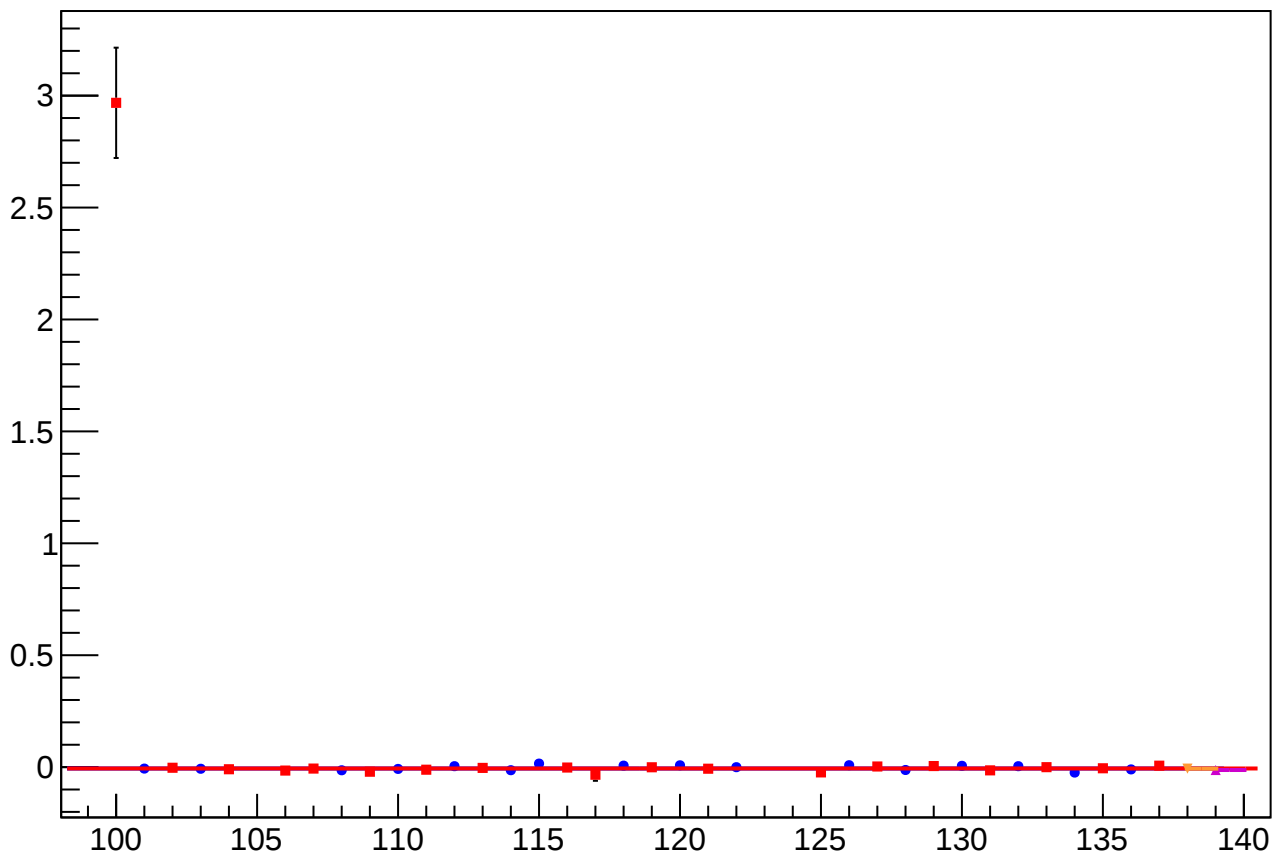
Right Out: -0.044 ± 0.029 χ^2/NDF : 30.5/18

Left In: 0.083 ± 0.141 χ^2/NDF : 0.0/0

-0.011 ± 0.026 χ^2/NDF : 24.9/16

-0.039 ± 0.028 χ^2/NDF : 31.3/19

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 $\pm$ 0.001 χ^2 /NDF: 27.3/15

Left Out: -0.007 $\pm$ 0.003 χ^2 /NDF: 0.0/0

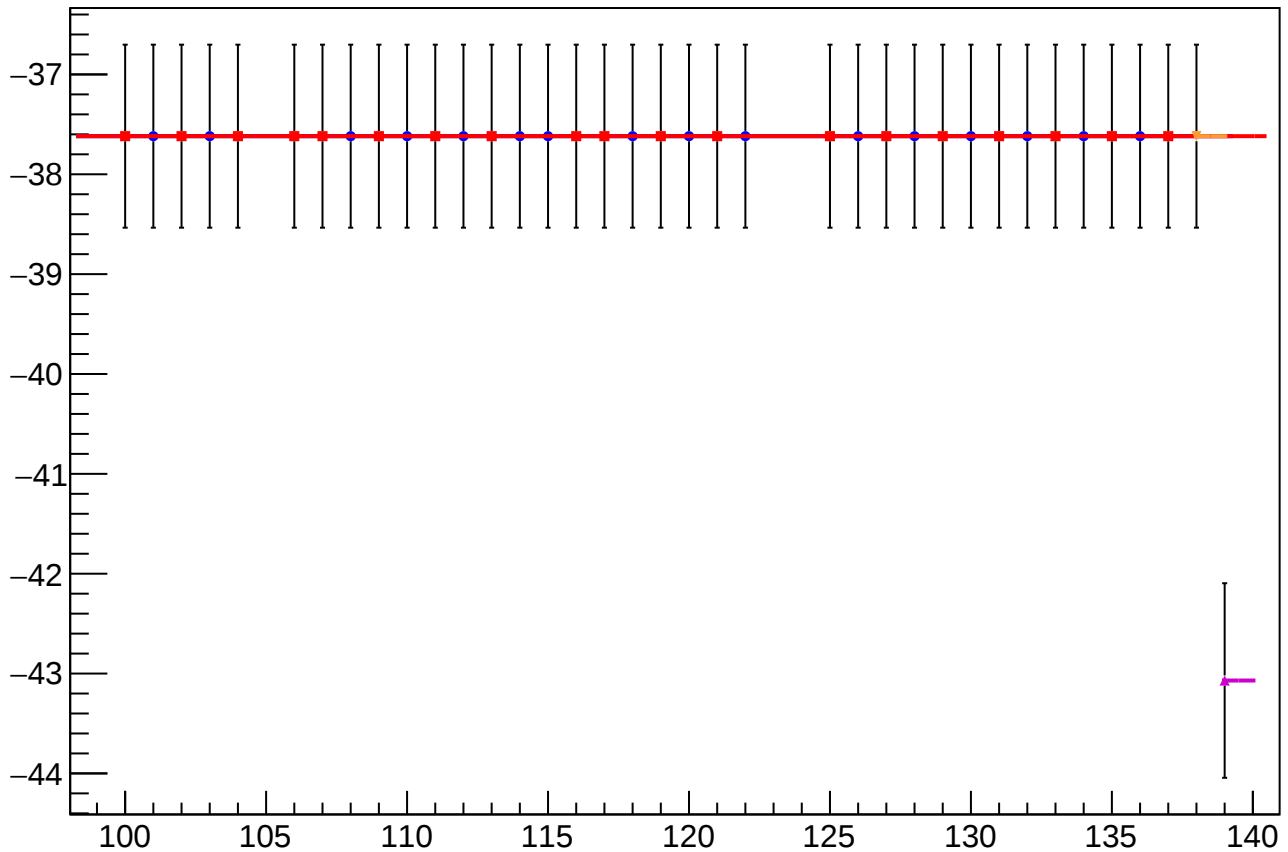
Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 167.0/18

Left In: -0.013 $\pm$ 0.003 χ^2 /NDF: 0.0/0

-0.006 $\pm$ 0.001 χ^2 /NDF: 27.4/16

-0.007 $\pm$ 0.001 χ^2 /NDF: 170.9/19

reg_asym_left_avg_diff_bpm1X_slope vs Slug



Right In: -37.618 $\pm$ 0.229 χ^2 /NDF: 0.0/15

Left Out: -37.618 $\pm$ 0.916 χ^2 /NDF: 0.0/0

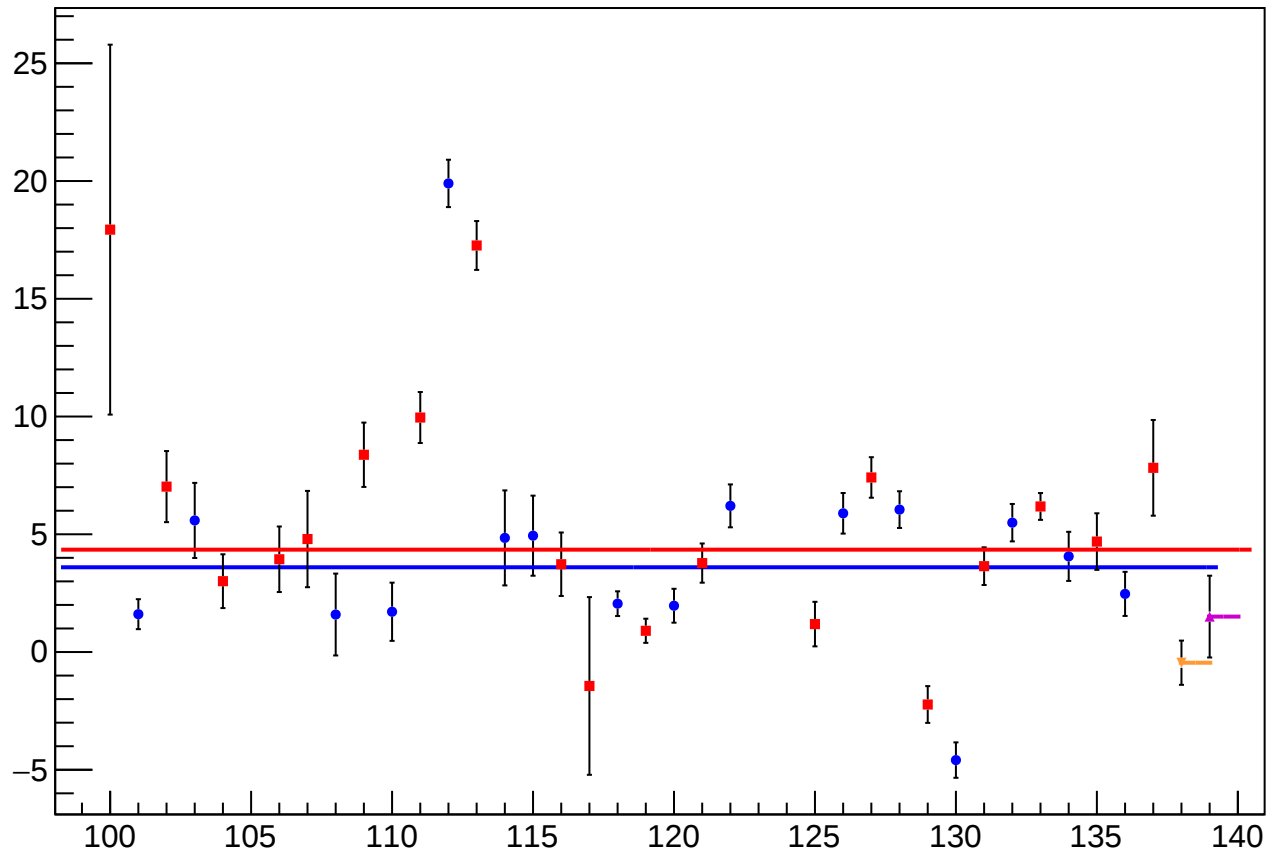
Right Out: -37.618 $\pm$ 0.210 χ^2 /NDF: 0.0/18

Left In: -43.070 $\pm$ 0.974 χ^2 /NDF: 0.0/0

-37.618 $\pm$ 0.222 χ^2 /NDF: 0.0/16

-37.861 $\pm$ 0.206 χ^2 /NDF: 29.9/19

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.599 ± 0.220 χ^2/NDF : 443.4/15

Left Out: -0.454 ± 0.939 χ^2/NDF : 0.0/0

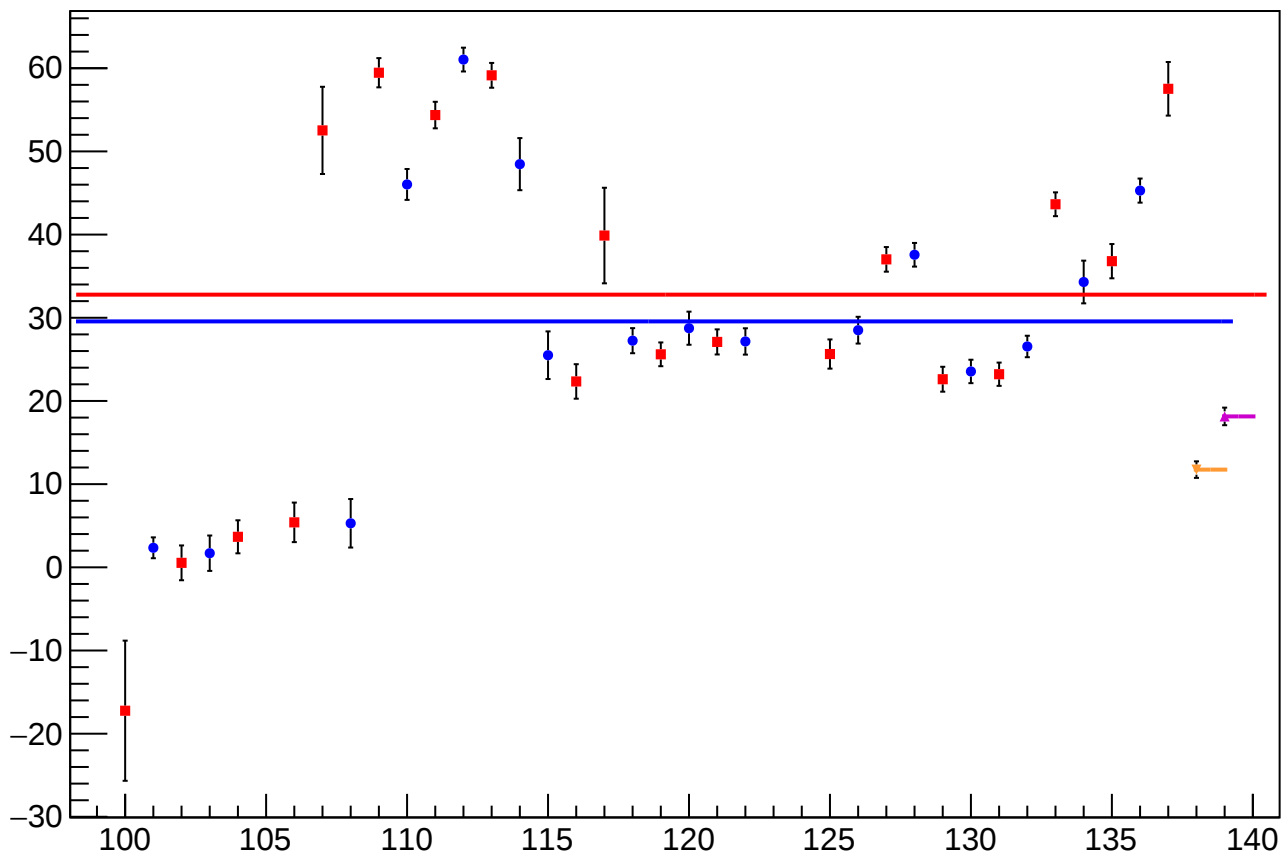
Right Out: 4.347 ± 0.224 χ^2/NDF : 355.4/18

Left In: 1.505 ± 1.737 χ^2/NDF : 0.0/0

3.387 ± 0.215 χ^2/NDF : 461.1/16

4.300 ± 0.223 χ^2/NDF : 358.1/19

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.564 $\pm$ 0.420 χ^2 /NDF: 1494.6/15

Left Out: 11.746 $\pm$ 0.994 χ^2 /NDF: 0.0/0

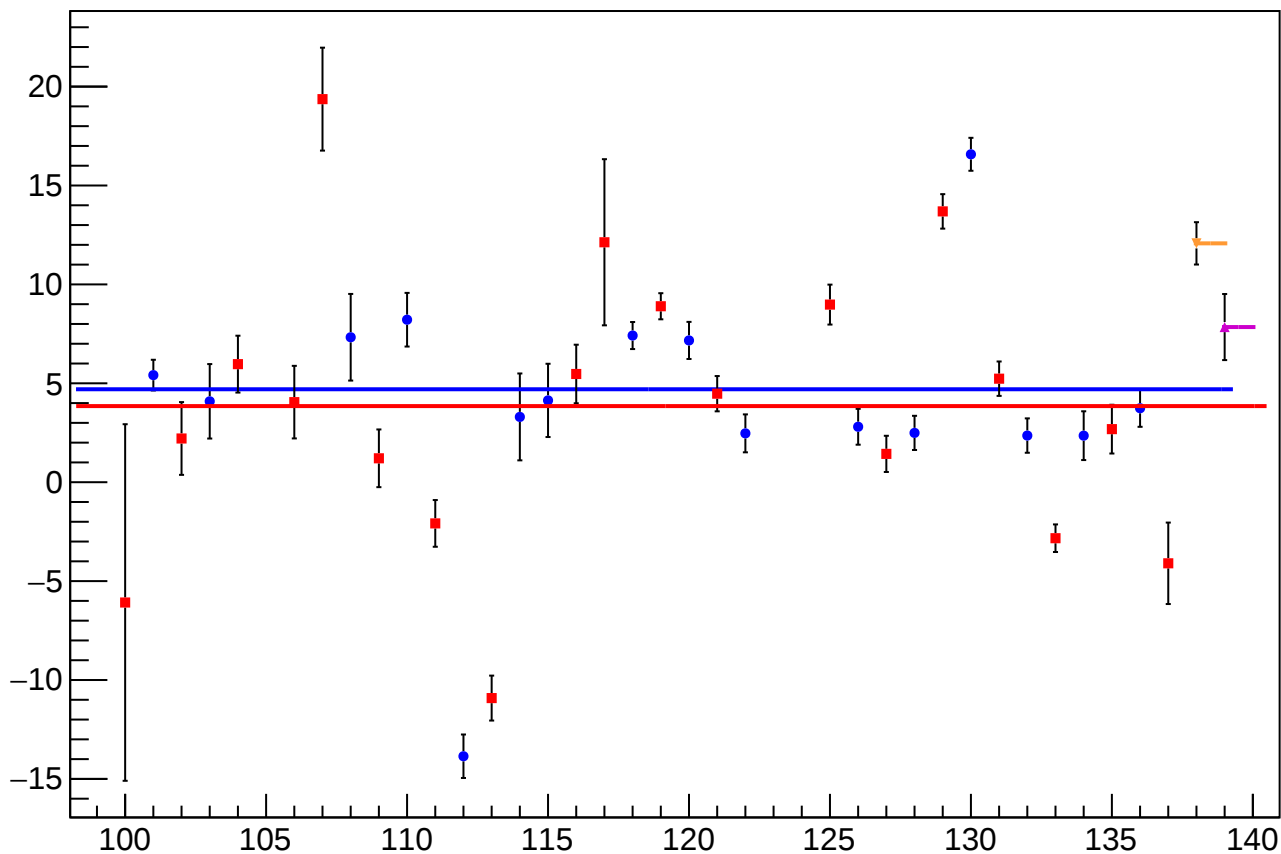
Right Out: 32.780 $\pm$ 0.422 χ^2 /NDF: 1664.8/18

Left In: 18.142 $\pm$ 1.057 χ^2 /NDF: 0.0/0

26.868 $\pm$ 0.386 χ^2 /NDF: 1767.5/16

30.769 $\pm$ 0.392 χ^2 /NDF: 1830.4/19

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.699 ± 0.254 χ^2/NDF : 548.9/15

Left Out: 12.075 ± 1.070 χ^2/NDF : 0.0/0

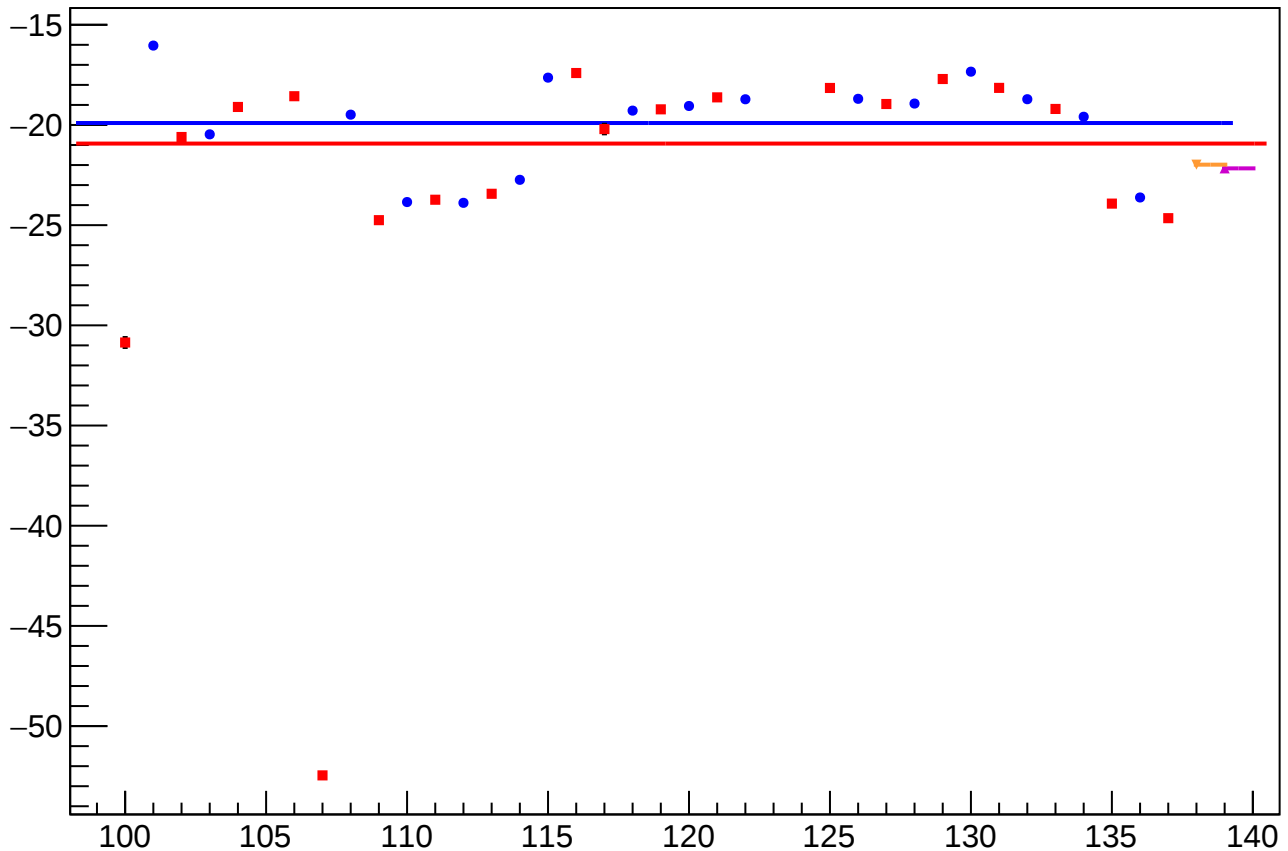
Right Out: 3.848 ± 0.258 χ^2/NDF : 571.5/18

Left In: 7.844 ± 1.670 χ^2/NDF : 0.0/0

5.092 ± 0.247 χ^2/NDF : 593.9/16

3.941 ± 0.255 χ^2/NDF : 577.1/19

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.902 ± 0.016 $\chi^2/\text{NDF}: 26054.0/15$

Left Out: -21.981 ± 0.039 $\chi^2/\text{NDF}: 0.0/0$

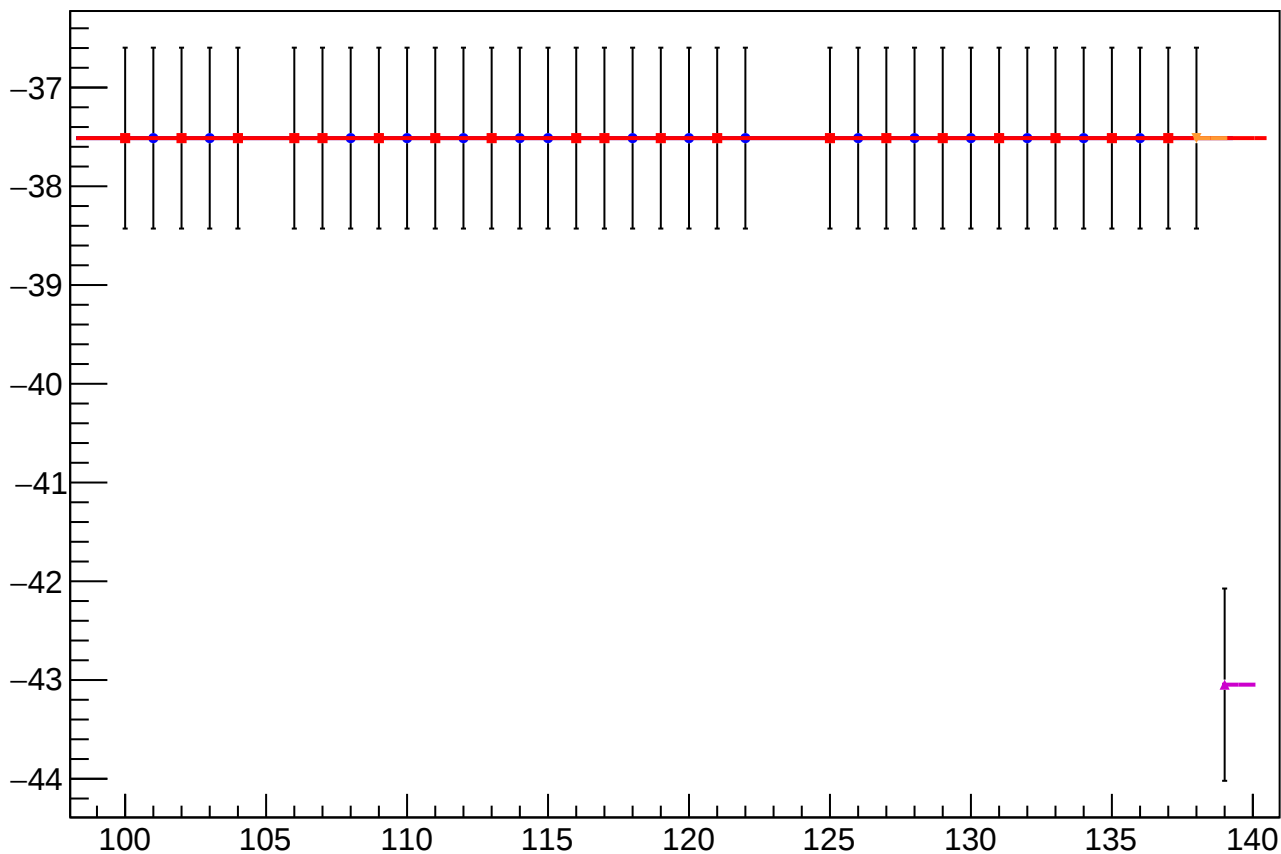
Right Out: -20.928 ± 0.016 $\chi^2/\text{NDF}: 94015.9/18$

Left In: -22.166 ± 0.037 $\chi^2/\text{NDF}: 0.0/0$

-20.189 ± 0.015 $\chi^2/\text{NDF}: 28490.2/16$

-21.118 ± 0.014 $\chi^2/\text{NDF}: 94969.9/19$

reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: -37.512 ± 0.229 χ^2/NDF : 0.0/15

Left Out: -37.512 ± 0.916 χ^2/NDF : 0.0/0

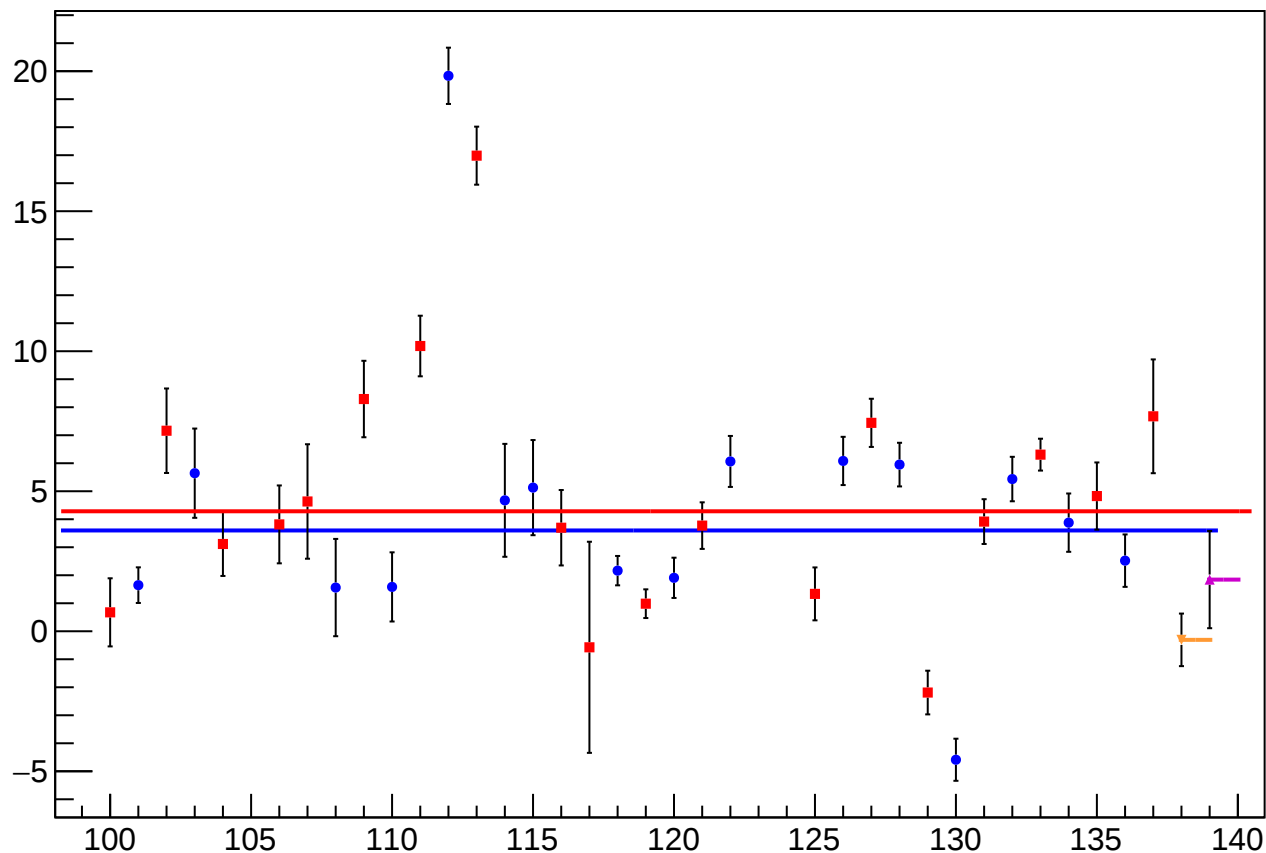
Right Out: -37.512 ± 0.210 χ^2/NDF : 0.0/18

Left In: -43.047 ± 0.974 χ^2/NDF : 0.0/0

-37.512 ± 0.222 χ^2/NDF : 0.0/16

-37.759 ± 0.205 χ^2/NDF : 30.9/19

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.599 $\pm$ 0.220 χ^2 /NDF: 440.3/15

Left Out: -0.307 $\pm$ 0.939 χ^2 /NDF: 0.0/0

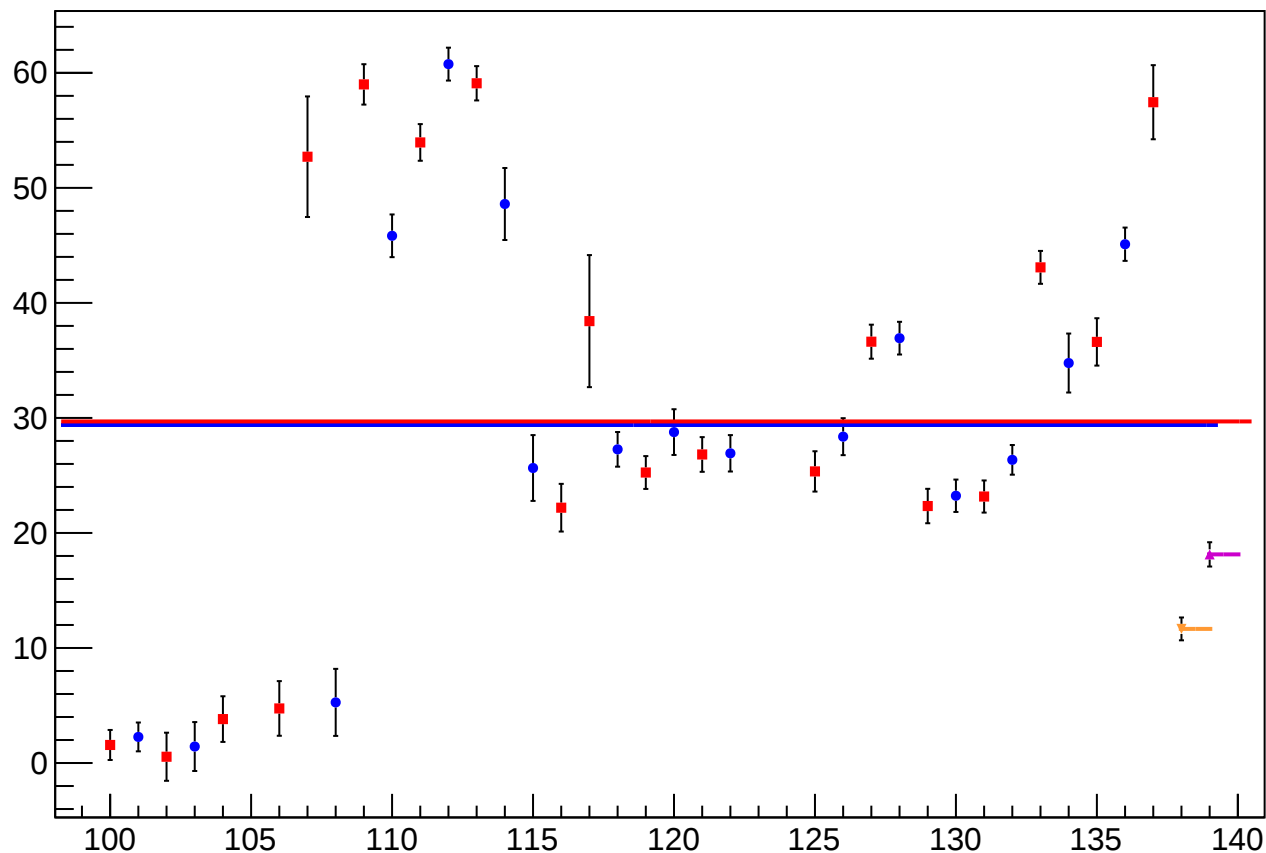
Right Out: 4.284 $\pm$ 0.221 χ^2 /NDF: 353.8/18

Left In: 1.844 $\pm$ 1.735 χ^2 /NDF: 0.0/0

3.396 $\pm$ 0.214 χ^2 /NDF: 456.7/16

4.245 $\pm$ 0.219 χ^2 /NDF: 355.7/19

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.387+/-0.419 χ^2/NDF : 1488.6/15

Left Out: 11.659+/-0.993 χ^2/NDF : 0.0/0

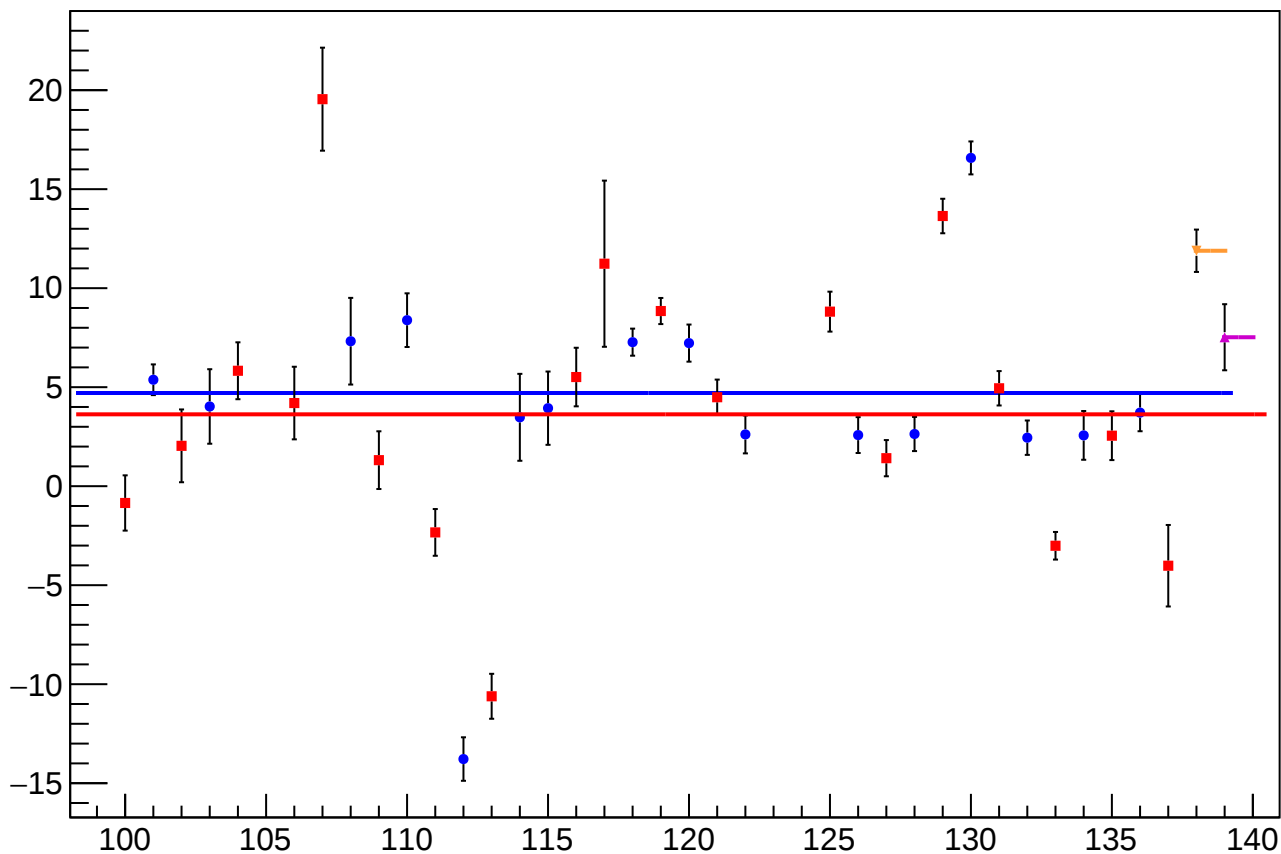
Right Out: 29.695+/-0.401 χ^2/NDF : 2133.3/18

Left In: 18.137+/-1.056 χ^2/NDF : 0.0/0

26.706+/-0.386 χ^2/NDF : 1759.1/16

28.236+/-0.375 χ^2/NDF : 2238.0/19

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.706 $\pm$ 0.254 χ^2 /NDF: 545.2/15

Left Out: 11.890 $\pm$ 1.070 χ^2 /NDF: 0.0/0

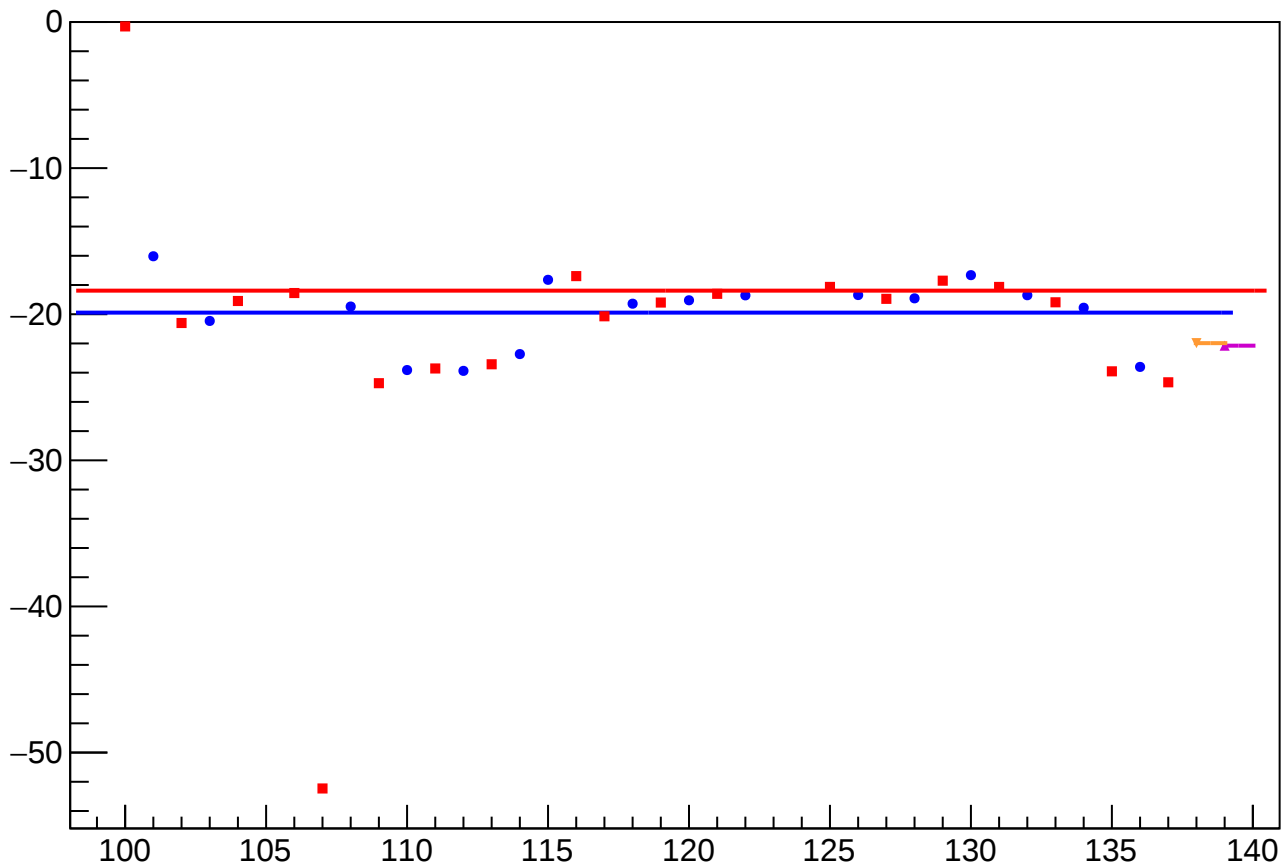
Right Out: 3.629 $\pm$ 0.254 χ^2 /NDF: 576.7/18

Left In: 7.522 $\pm$ 1.669 χ^2 /NDF: 0.0/0

5.089 $\pm$ 0.247 χ^2 /NDF: 587.9/16

3.717 $\pm$ 0.251 χ^2 /NDF: 582.1/19

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.890 ± 0.016 $\chi^2/\text{NDF}: 26044.4/15$

Left Out: -21.979 ± 0.039 $\chi^2/\text{NDF}: 0.0/0$

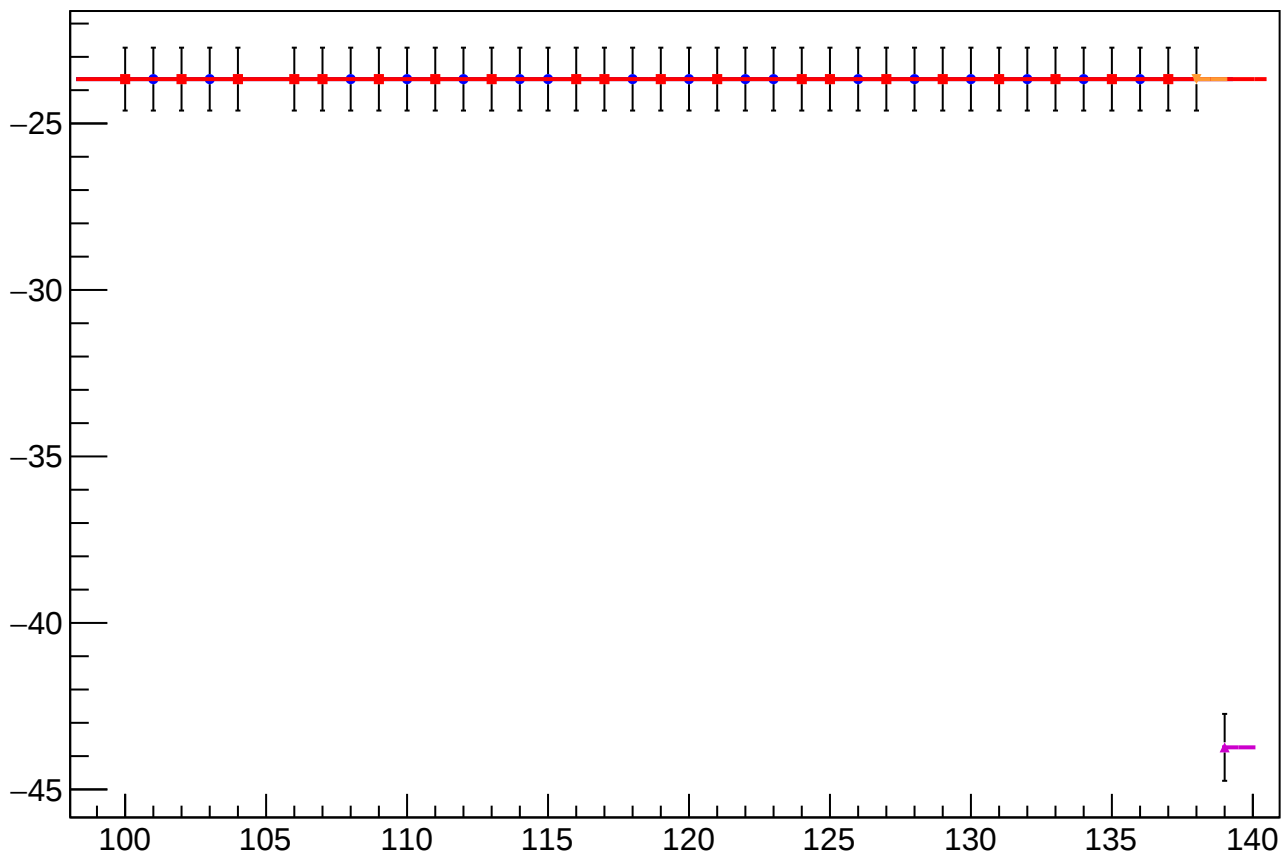
Right Out: -18.386 ± 0.015 $\chi^2/\text{NDF}: 301044.3/18$

Left In: -22.152 ± 0.037 $\chi^2/\text{NDF}: 0.0/0$

-20.179 ± 0.015 $\chi^2/\text{NDF}: 28508.0/16$

-18.904 ± 0.014 $\chi^2/\text{NDF}: 310055.7/19$

reg_asym_right_avg_diff_bpm1X_slope vs Slug



Right In: -23.668 $\pm$ 0.229 χ^2 /NDF: 0.0/16

Left Out: -23.668 $\pm$ 0.944 χ^2 /NDF: 0.0/0

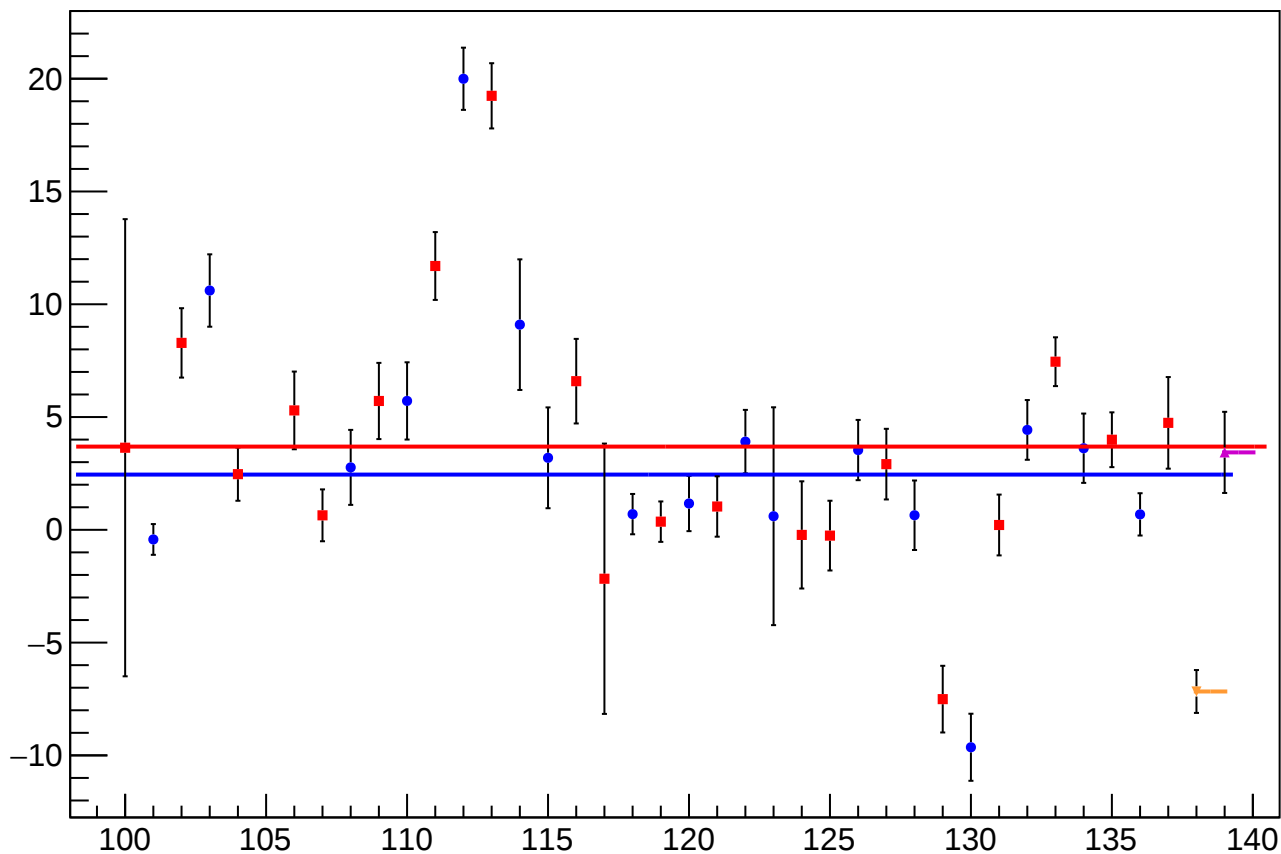
Right Out: -23.668 $\pm$ 0.211 χ^2 /NDF: 0.0/19

Left In: -43.737 $\pm$ 1.004 χ^2 /NDF: 0.0/0

-23.668 $\pm$ 0.223 χ^2 /NDF: 0.0/17

-24.518 $\pm$ 0.207 χ^2 /NDF: 382.3/20

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.449+/-0.314 χ^2/NDF : 295.3/16

Left Out: -7.167+/-0.950 χ^2/NDF : 0.0/0

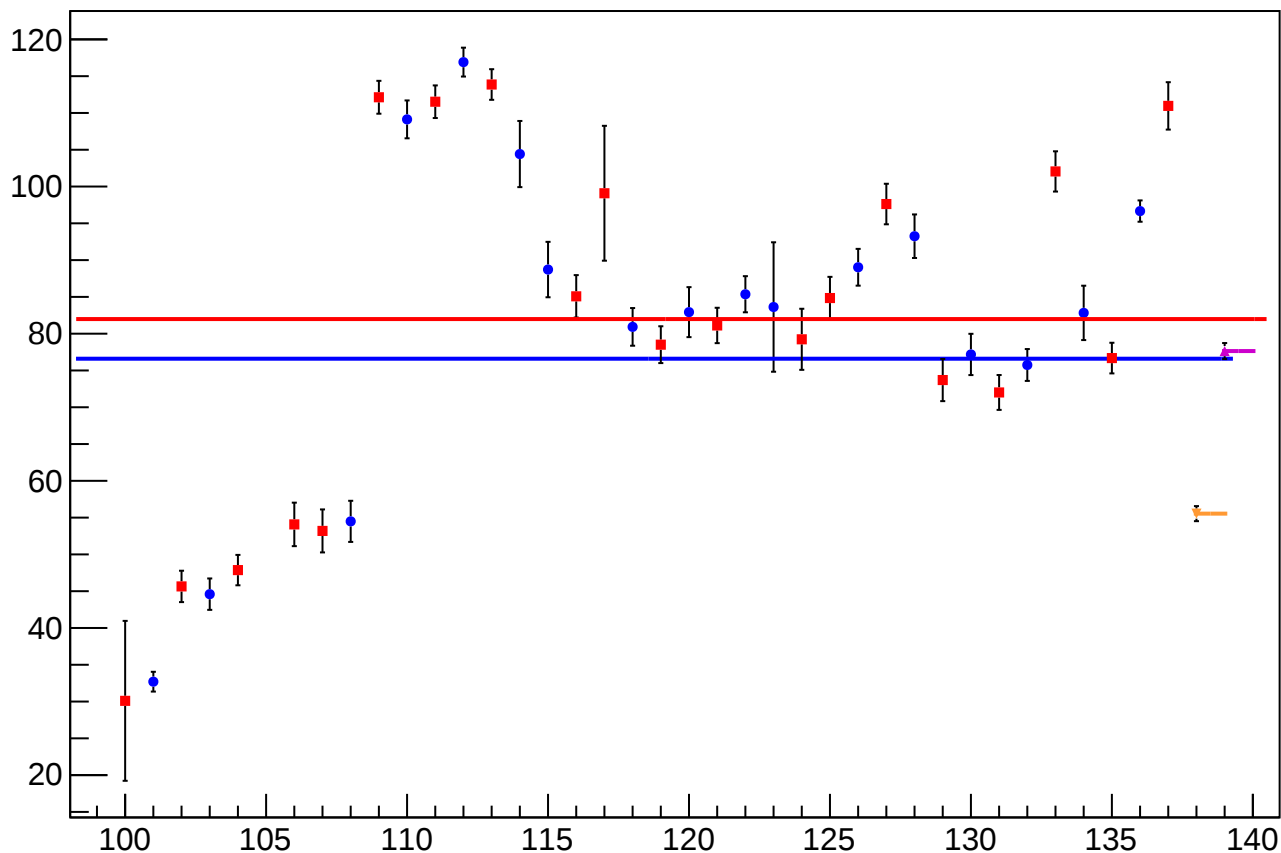
Right Out: 3.690+/-0.326 χ^2/NDF : 270.4/19

Left In: 3.433+/-1.799 χ^2/NDF : 0.0/0

1.500+/-0.299 χ^2/NDF : 387.6/17

3.682+/-0.321 χ^2/NDF : 270.4/20

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.598+/-0.576 χ^2/NDF : 2255.1/16

Left Out: 55.541+/-1.024 χ^2/NDF : 0.0/0

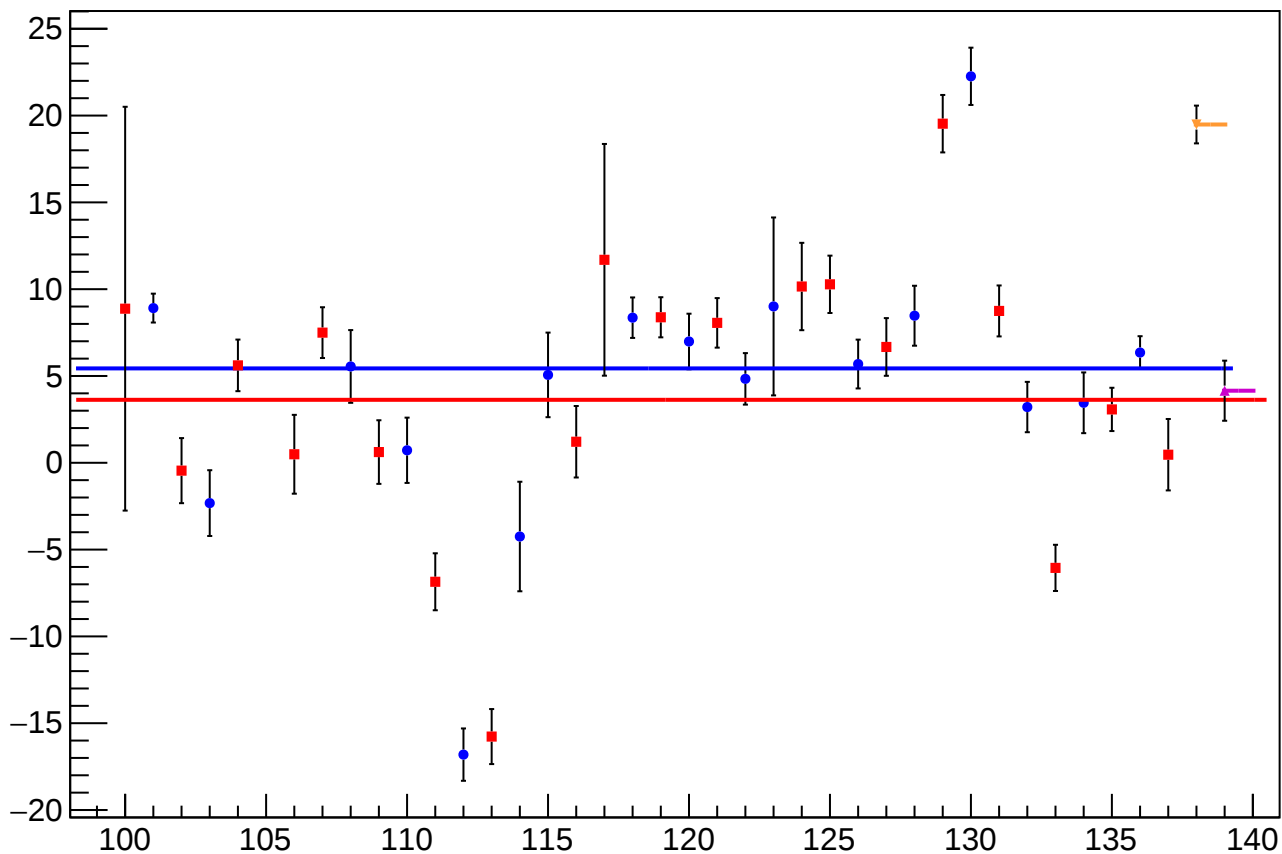
Right Out: 81.987+/-0.591 χ^2/NDF : 1574.2/19

Left In: 77.639+/-1.088 χ^2/NDF : 0.0/0

71.535+/-0.502 χ^2/NDF : 2576.3/17

80.998+/-0.519 χ^2/NDF : 1586.6/20

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.436 $\pm$ 0.360 χ^2 /NDF: 387.2/16

Left Out: 19.486 $\pm$ 1.088 χ^2 /NDF: 0.0/0

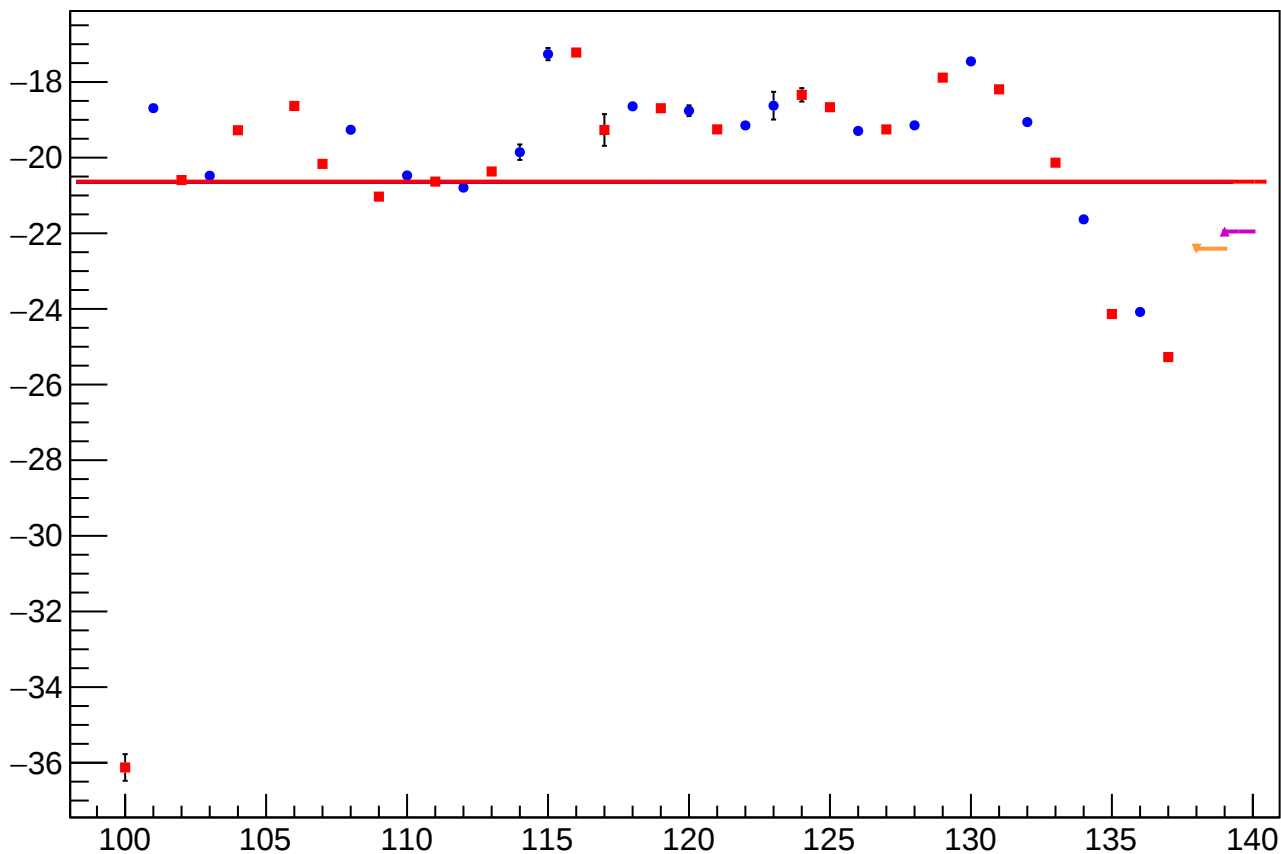
Right Out: 3.628 $\pm$ 0.374 χ^2 /NDF: 424.8/19

Left In: 4.152 $\pm$ 1.731 χ^2 /NDF: 0.0/0

6.825 $\pm$ 0.342 χ^2 /NDF: 537.5/17

3.651 $\pm$ 0.366 χ^2 /NDF: 424.8/20

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.642 ± 0.019 χ^2/NDF : 12431.5/16

Left Out: -22.408 ± 0.040 χ^2/NDF : 0.0/0

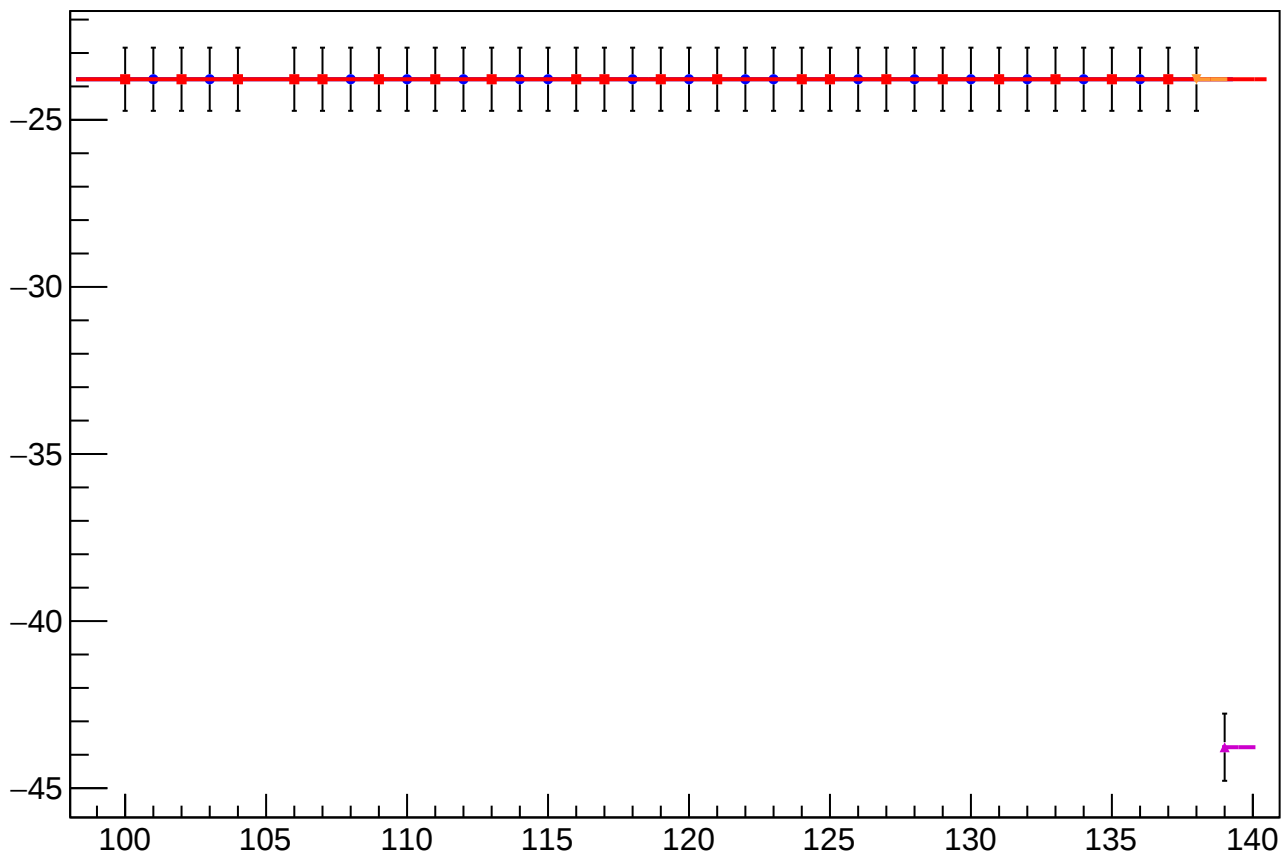
Right Out: -20.635 ± 0.019 χ^2/NDF : 13794.0/19

Left In: -21.953 ± 0.038 χ^2/NDF : 0.0/0

-20.970 ± 0.017 χ^2/NDF : 13982.7/17

-20.906 ± 0.017 χ^2/NDF : 14739.0/20

reg_asym_right_dd_diff_bpm1X_slope vs Slug



Right In: -23.785 ± 0.229 χ^2/NDF : 0.0/16

Left Out: -23.785 ± 0.945 χ^2/NDF : 0.0/0

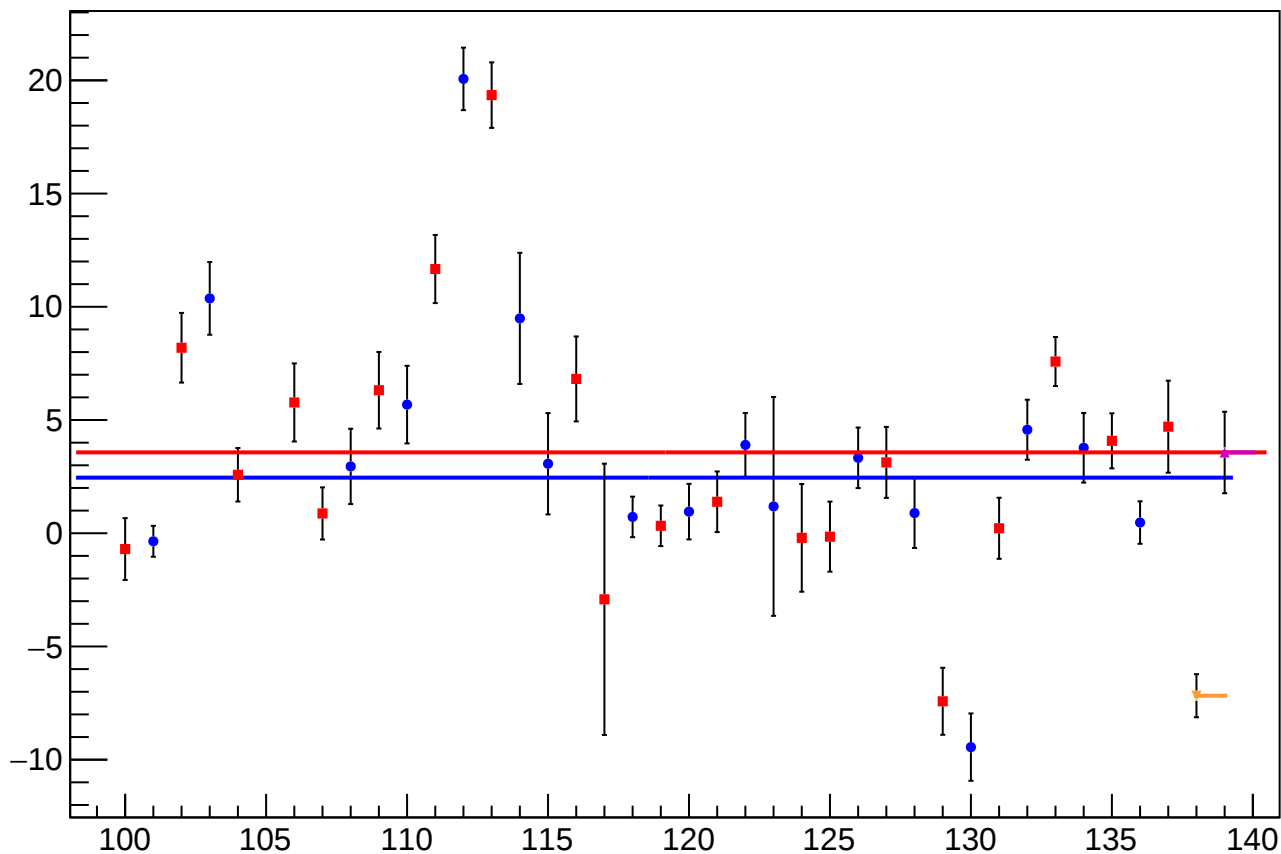
Right Out: -23.785 ± 0.211 χ^2/NDF : 0.0/19

Left In: -43.774 ± 1.005 χ^2/NDF : 0.0/0

-23.785 ± 0.223 χ^2/NDF : 0.0/17

-24.631 ± 0.207 χ^2/NDF : 378.8/20

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.455 ± 0.315 χ^2/NDF : 293.5/16

Left Out: -7.174 ± 0.951 χ^2/NDF : 0.0/0

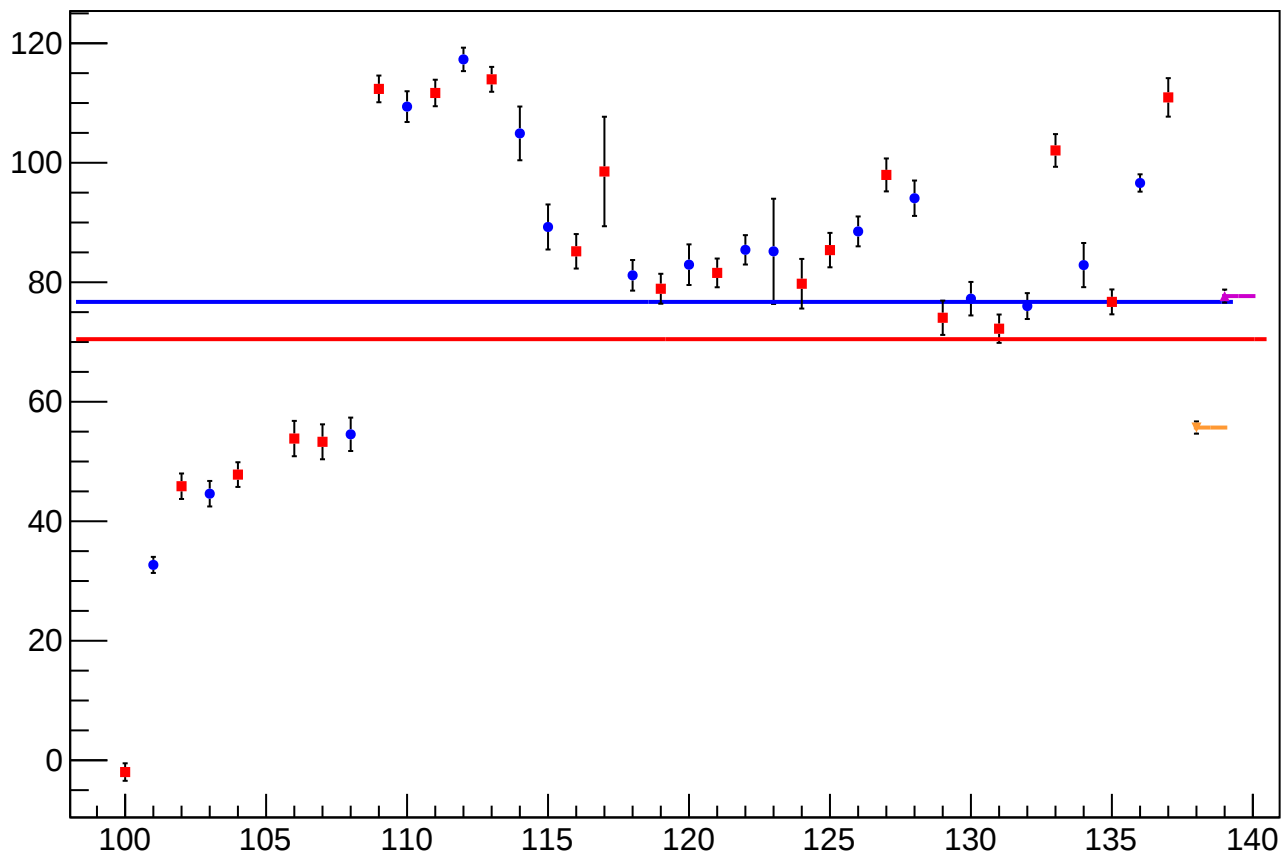
Right Out: 3.571 ± 0.317 χ^2/NDF : 281.0/19

Left In: 3.567 ± 1.800 χ^2/NDF : 0.0/0

1.506 ± 0.299 χ^2/NDF : 385.9/17

3.571 ± 0.312 χ^2/NDF : 281.0/20

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.713+/-0.576 χ^2/NDF : 2266.6/16

Left Out: 55.686+/-1.025 χ^2/NDF : 0.0/0

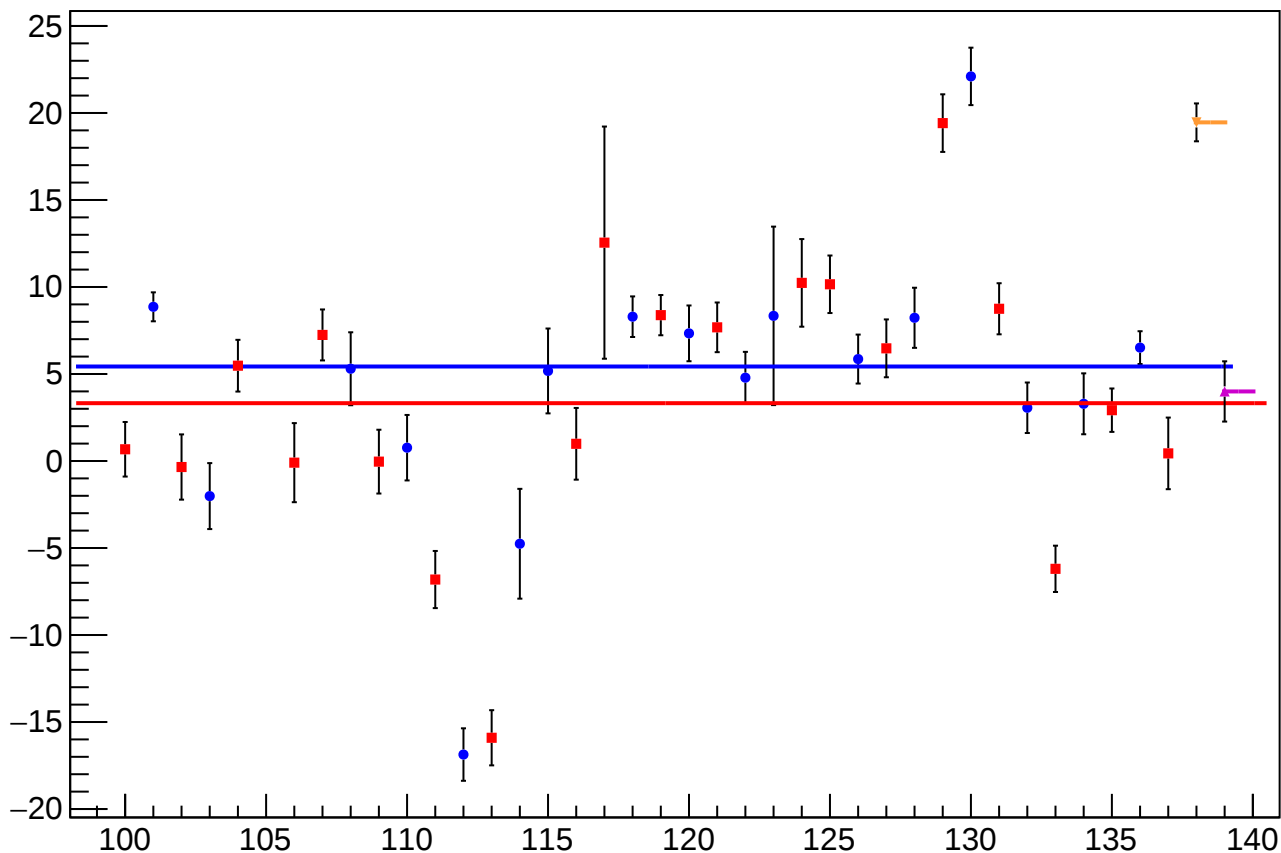
Right Out: 70.477+/-0.549 χ^2/NDF : 4400.1/19

Left In: 77.688+/-1.089 χ^2/NDF : 0.0/0

71.659+/-0.502 χ^2/NDF : 2586.5/17

71.937+/-0.490 χ^2/NDF : 4435.0/20

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.430 $\pm$ 0.361 χ^2 /NDF: 385.9/16

Left Out: 19.460 $\pm$ 1.089 χ^2 /NDF: 0.0/0

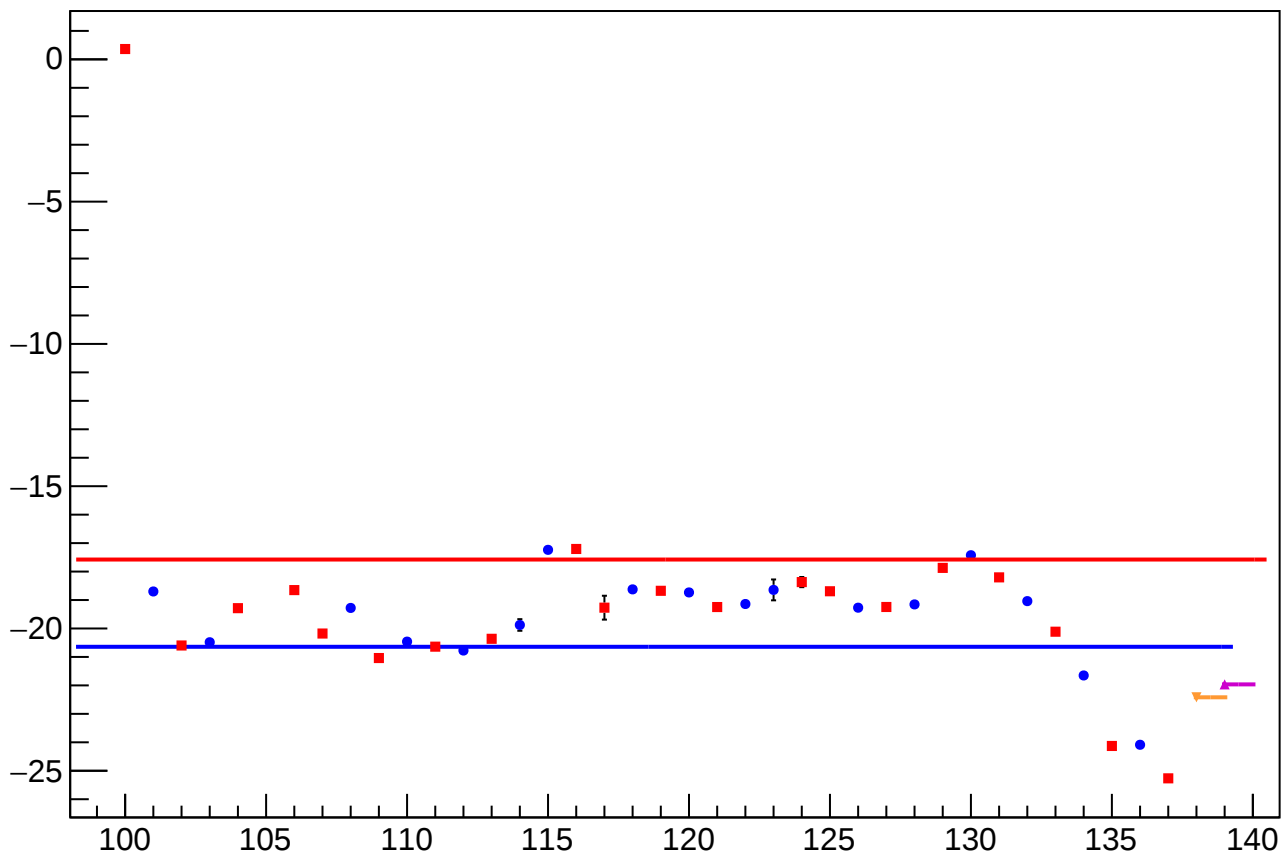
Right Out: 3.323 $\pm$ 0.365 χ^2 /NDF: 428.0/19

Left In: 3.997 $\pm$ 1.732 χ^2 /NDF: 0.0/0

6.817 $\pm$ 0.342 χ^2 /NDF: 535.5/17

3.351 $\pm$ 0.357 χ^2 /NDF: 428.2/20

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.643 ± 0.019 $\chi^2/\text{NDF}: 12468.6/16$

Left Out: -22.419 ± 0.040 $\chi^2/\text{NDF}: 0.0/0$

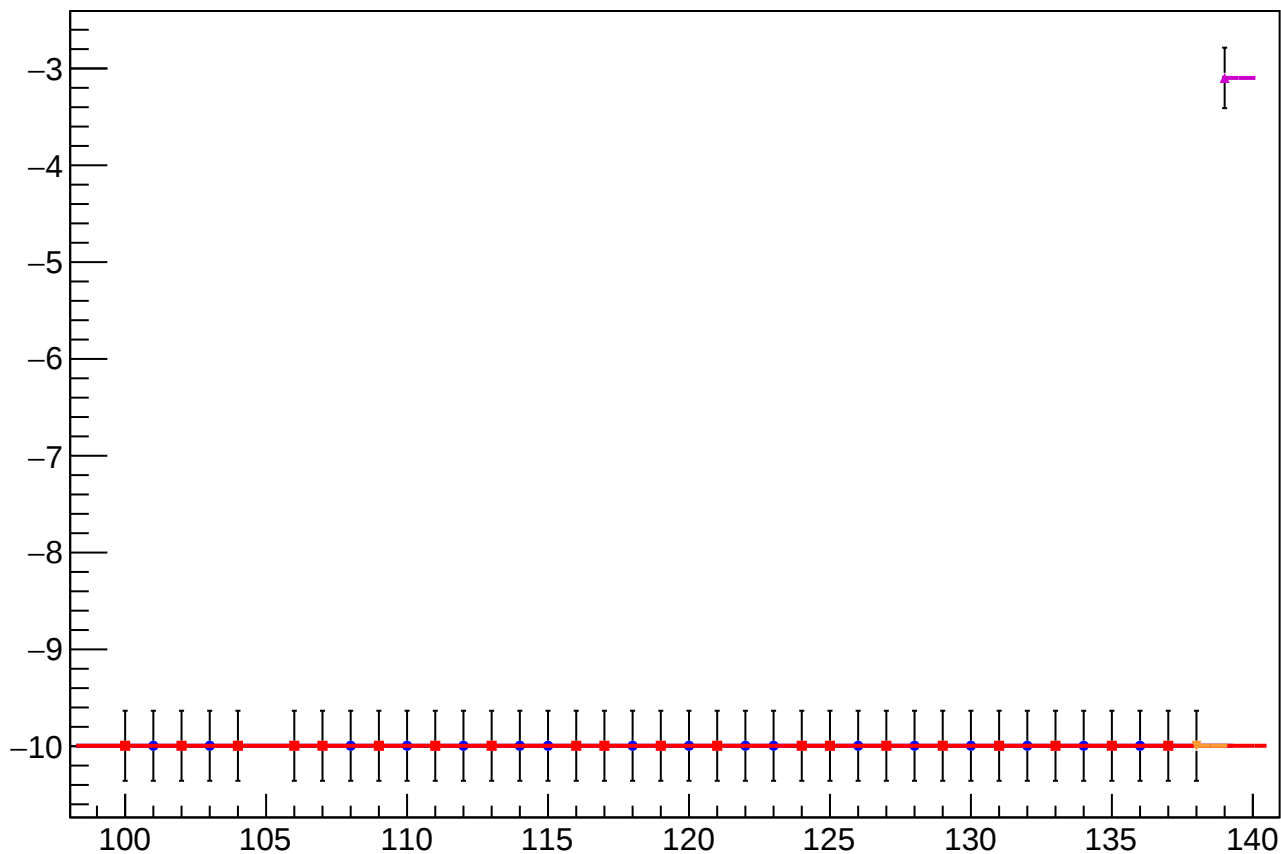
Right Out: -17.577 ± 0.018 $\chi^2/\text{NDF}: 178343.3/19$

Left In: -21.965 ± 0.038 $\chi^2/\text{NDF}: 0.0/0$

-20.973 ± 0.017 $\chi^2/\text{NDF}: 14034.0/17$

-18.374 ± 0.016 $\chi^2/\text{NDF}: 189116.9/20$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: -9.995 ± 0.088 χ^2/NDF : 0.0/16

-9.995 ± 0.085 χ^2/NDF : 0.0/17

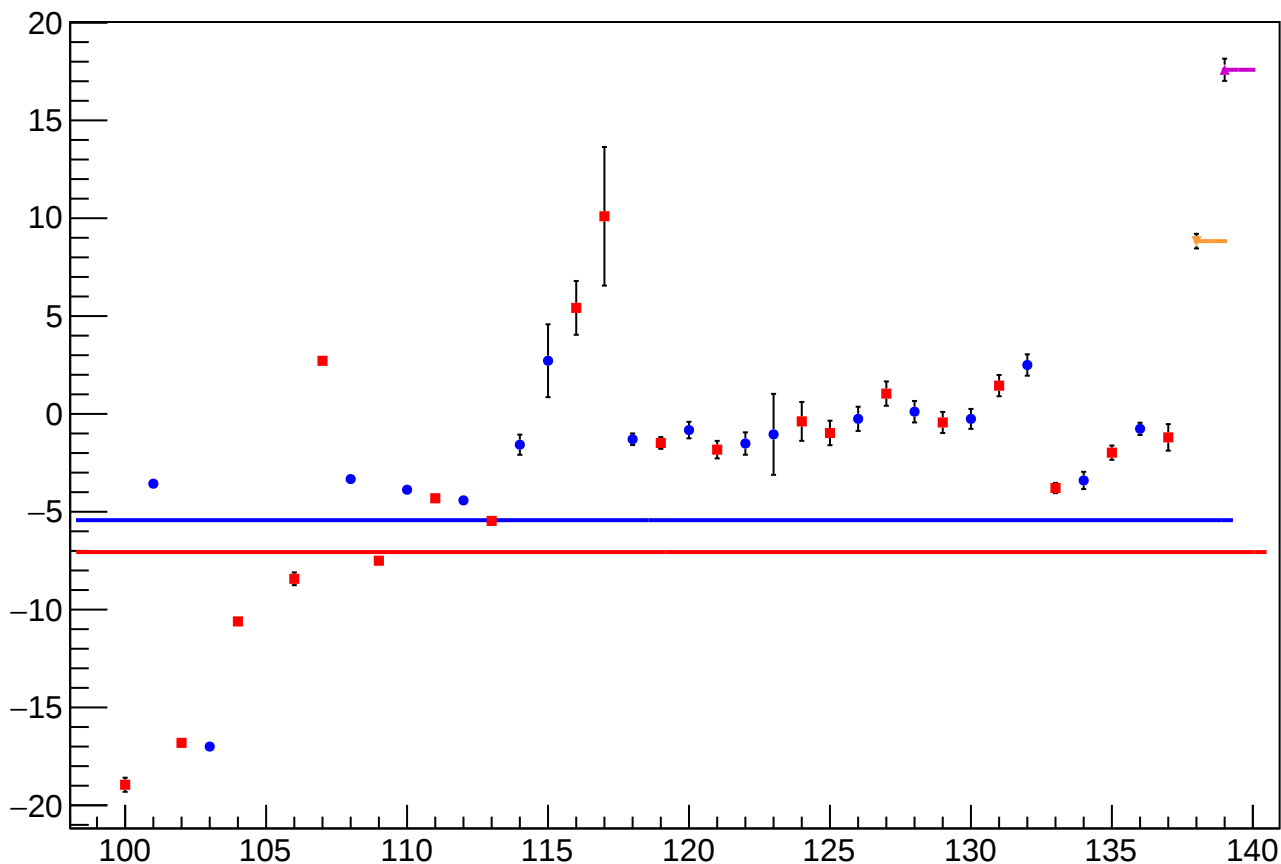
Left Out: -9.995 ± 0.362 χ^2/NDF : 0.0/0

Right Out: -9.995 ± 0.081 χ^2/NDF : 0.0/19

-9.562 ± 0.078 χ^2/NDF : 457.1/20

Left In: -3.097 ± 0.312 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -5.431+/-0.055 χ^2/NDF : 9233.8/16

Left Out: 8.829+/-0.374 χ^2/NDF : 0.0/0

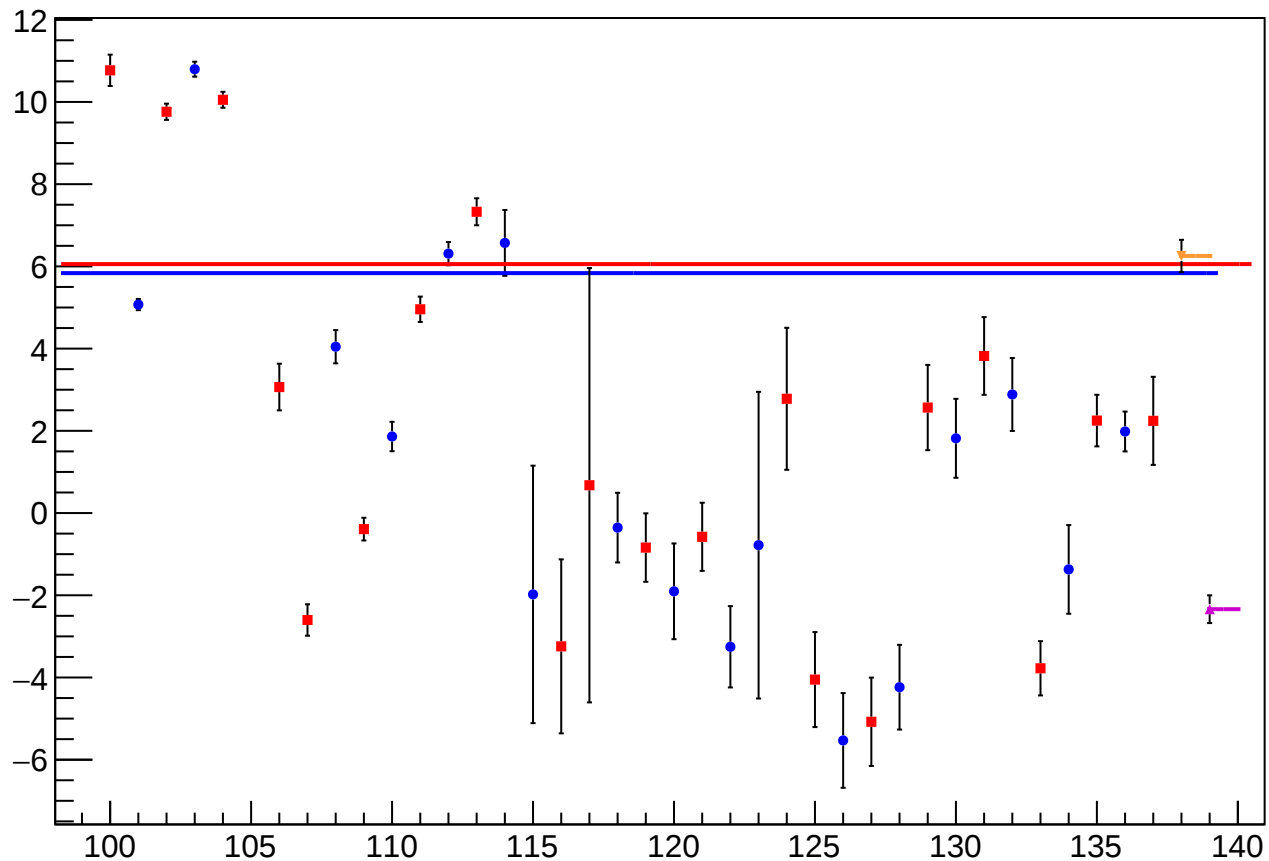
Right Out: -7.061+/-0.059 χ^2/NDF : 12330.1/19

Left In: 17.586+/-0.568 χ^2/NDF : 0.0/0

-5.131+/-0.054 χ^2/NDF : 10654.3/17

-6.797+/-0.059 χ^2/NDF : 14195.9/20

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.836 $\pm$ 0.090 χ^2 /NDF: 1440.9/16

Left Out: 6.254 $\pm$ 0.392 χ^2 /NDF: 0.0/0

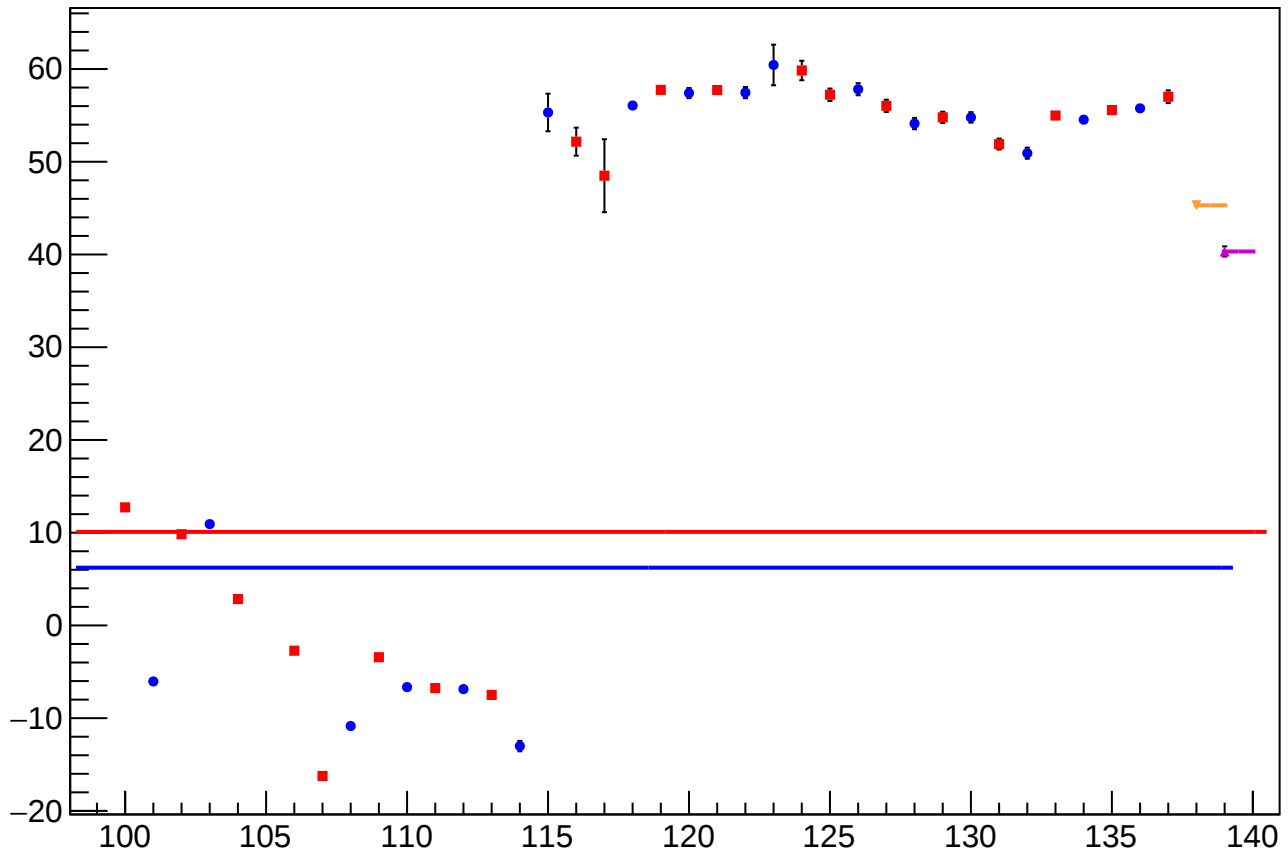
Right Out: 6.056 $\pm$ 0.093 χ^2 /NDF: 2669.9/19

Left In: -2.339 $\pm$ 0.337 χ^2 /NDF: 0.0/0

5.857 $\pm$ 0.087 χ^2 /NDF: 1441.9/17

5.459 $\pm$ 0.090 χ^2 /NDF: 3244.7/20

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.226+/-0.065 χ^2/NDF : 120955.1/16

Left Out: 45.306+/-0.425 χ^2/NDF : 0.0/0

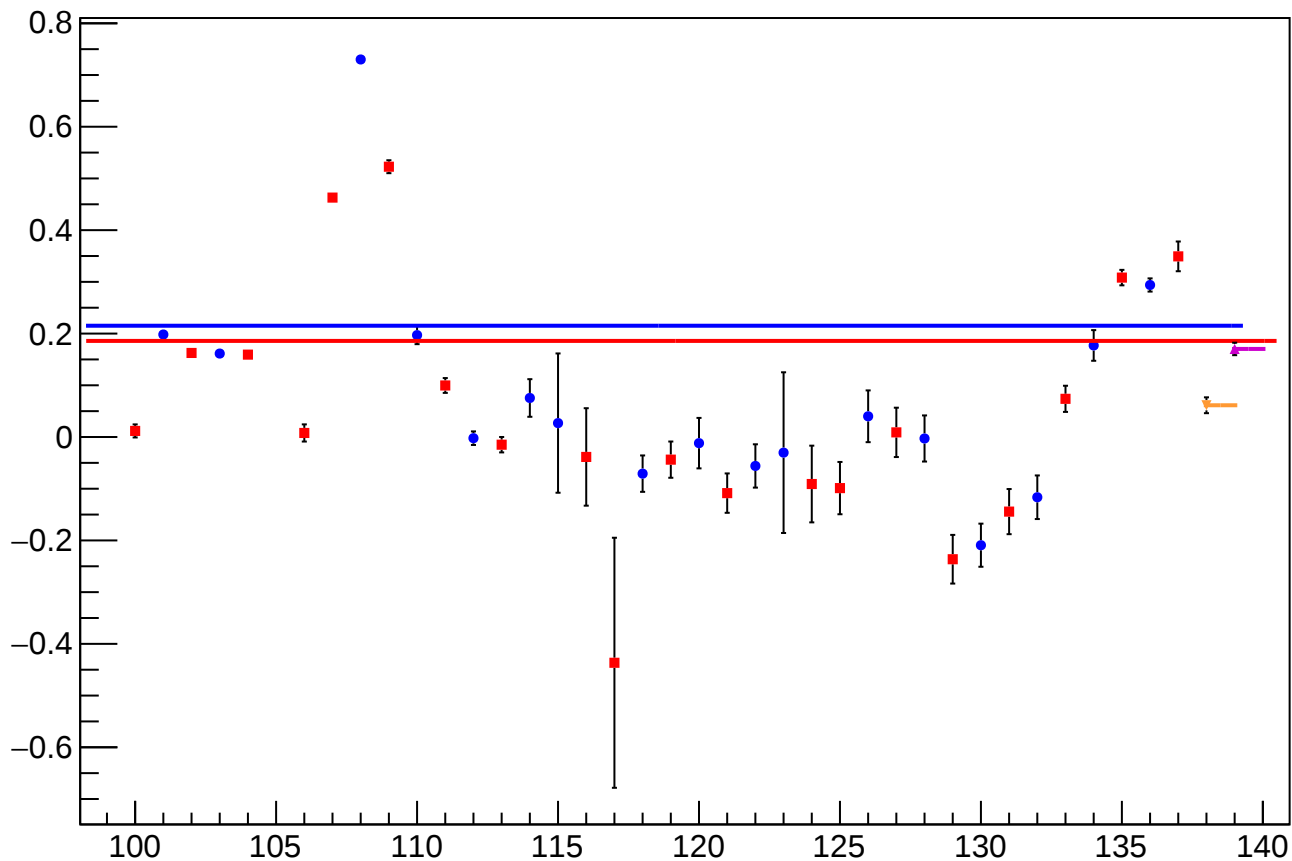
Right Out: 10.087+/-0.070 χ^2/NDF : 122144.7/19

Left In: 40.323+/-0.547 χ^2/NDF : 0.0/0

7.117+/-0.064 χ^2/NDF : 129233.9/17

10.571+/-0.069 χ^2/NDF : 125152.5/20

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215+/-0.003 χ^2/NDF : 3925.9/16

Left Out: 0.061+/-0.015 χ^2/NDF : 0.0/0

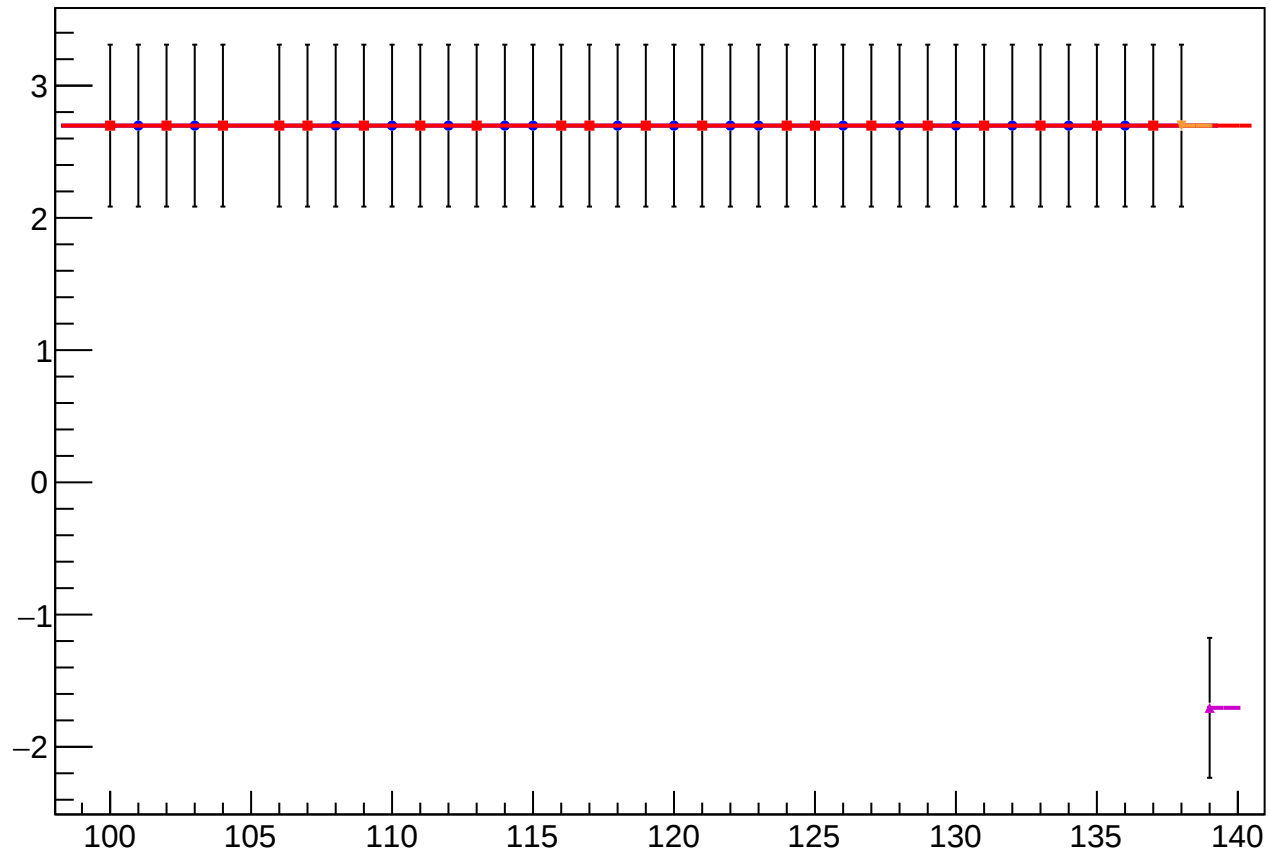
Right Out: 0.186+/-0.003 χ^2/NDF : 2724.7/19

Left In: 0.170+/-0.012 χ^2/NDF : 0.0/0

0.210+/-0.003 χ^2/NDF : 4023.5/17

0.185+/-0.003 χ^2/NDF : 2726.3/20

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: 2.698 $\pm$ 0.148 χ^2 /NDF: 0.0/16

Left Out: 2.698 $\pm$ 0.612 χ^2 /NDF: 0.0/0

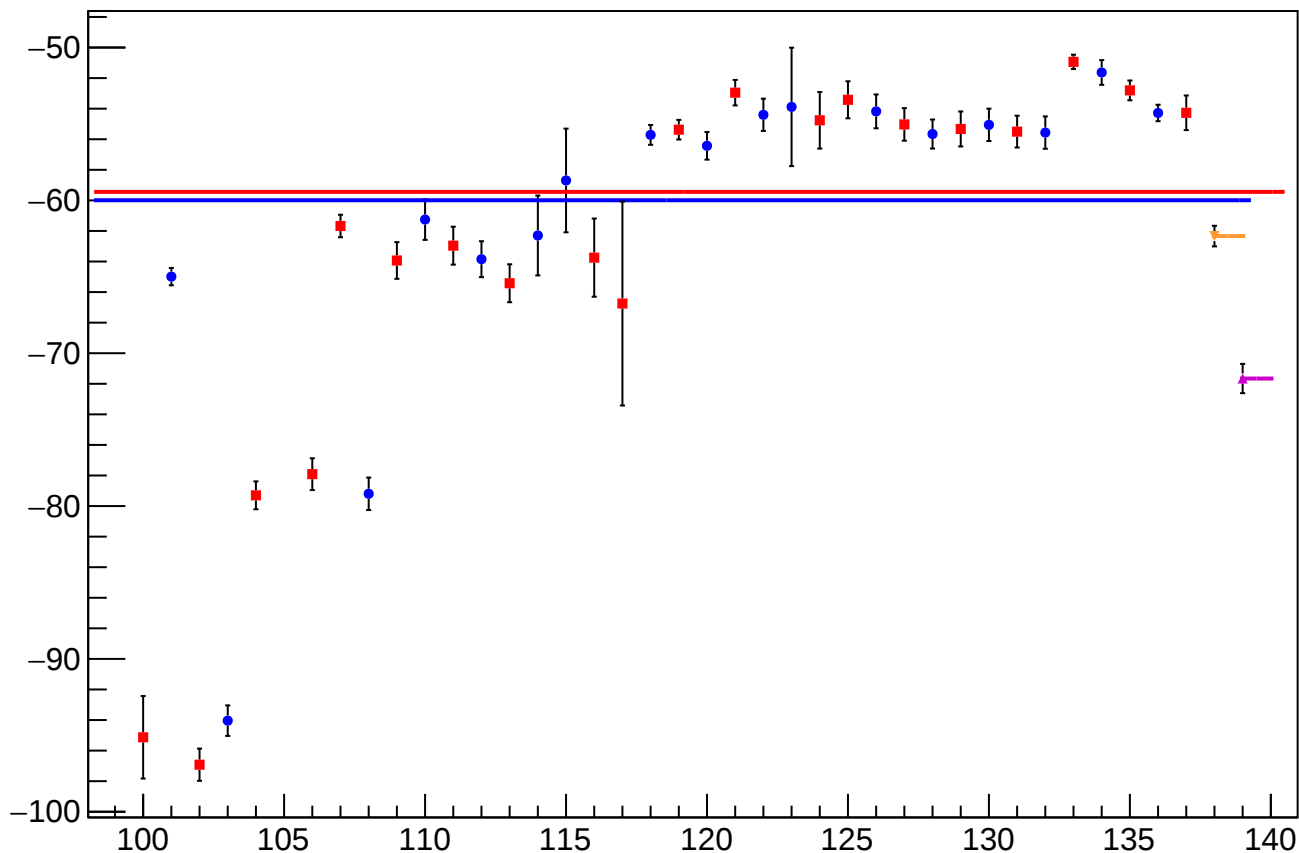
Right Out: 2.698 $\pm$ 0.137 χ^2 /NDF: 0.0/19

Left In: -1.705 $\pm$ 0.529 χ^2 /NDF: 0.0/0

2.698 $\pm$ 0.144 χ^2 /NDF: 0.0/17

2.421 $\pm$ 0.133 χ^2 /NDF: 64.9/20

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -59.992±0.225 χ^2/NDF : 1972.9/16

Left Out: -62.337±0.673 χ^2/NDF : 0.0/0

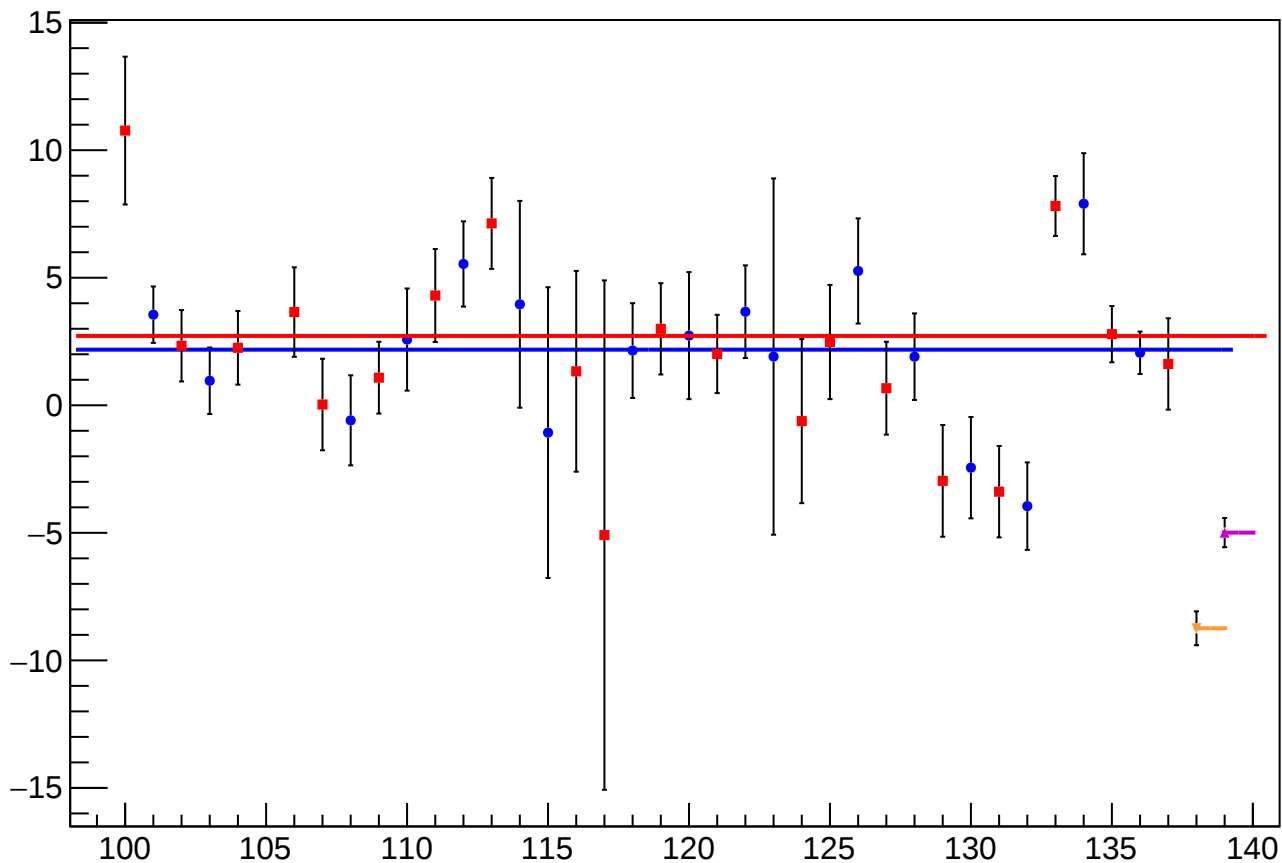
Right Out: -59.442±0.212 χ^2/NDF : 2919.1/19

Left In: -71.657±0.957 χ^2/NDF : 0.0/0

-60.227±0.213 χ^2/NDF : 1983.8/17

-60.012±0.207 χ^2/NDF : 3074.2/20

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.181 $\pm$ 0.406 χ^2 /NDF: 39.0/16

Left Out: -8.742 $\pm$ 0.664 χ^2 /NDF: 0.0/0

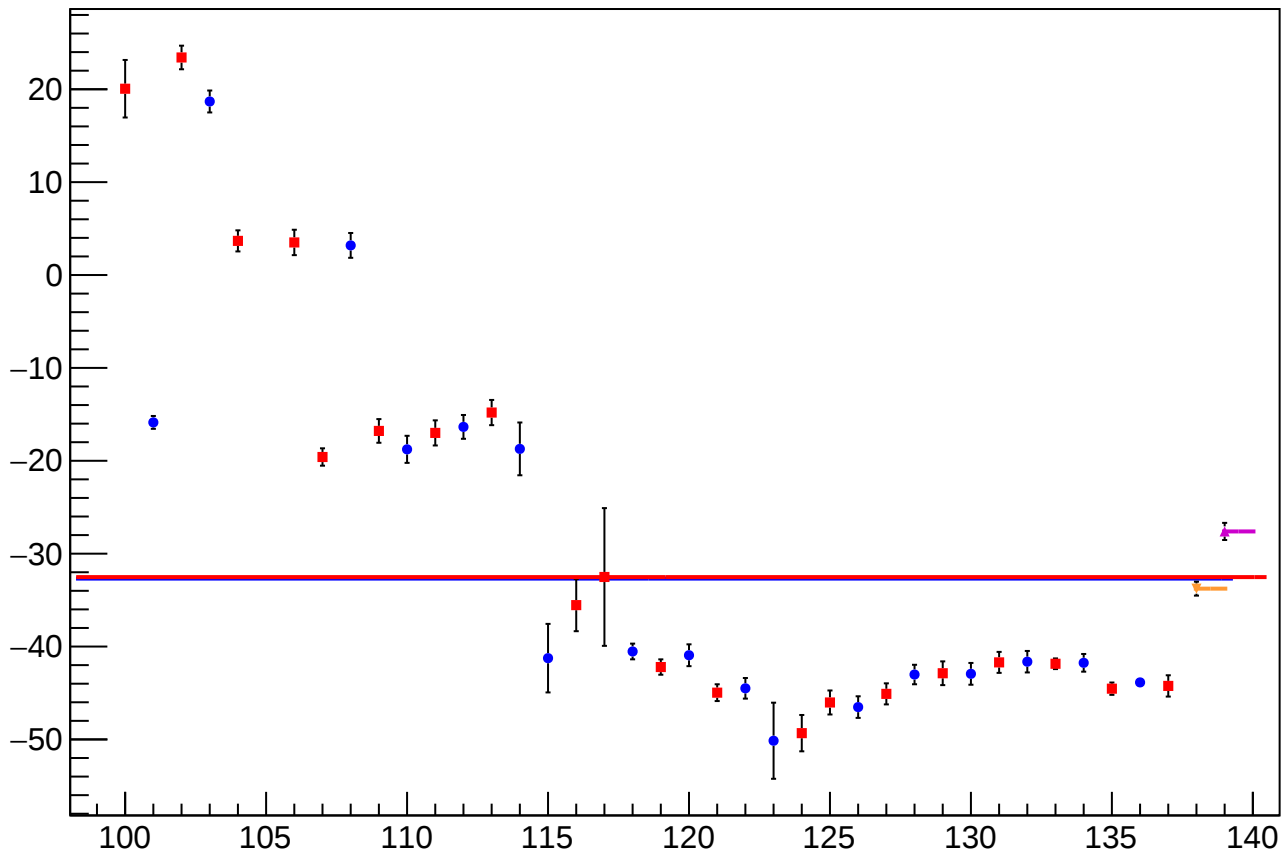
Right Out: 2.719 $\pm$ 0.388 χ^2 /NDF: 59.5/19

Left In: -4.991 $\pm$ 0.572 χ^2 /NDF: 0.0/0

-0.786 $\pm$ 0.346 χ^2 /NDF: 236.0/17

0.293 $\pm$ 0.321 χ^2 /NDF: 184.0/20

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.682 ± 0.256 $\chi^2/\text{NDF}: 4646.9/16$

Left Out: -33.766 ± 0.751 $\chi^2/\text{NDF}: 0.0/0$

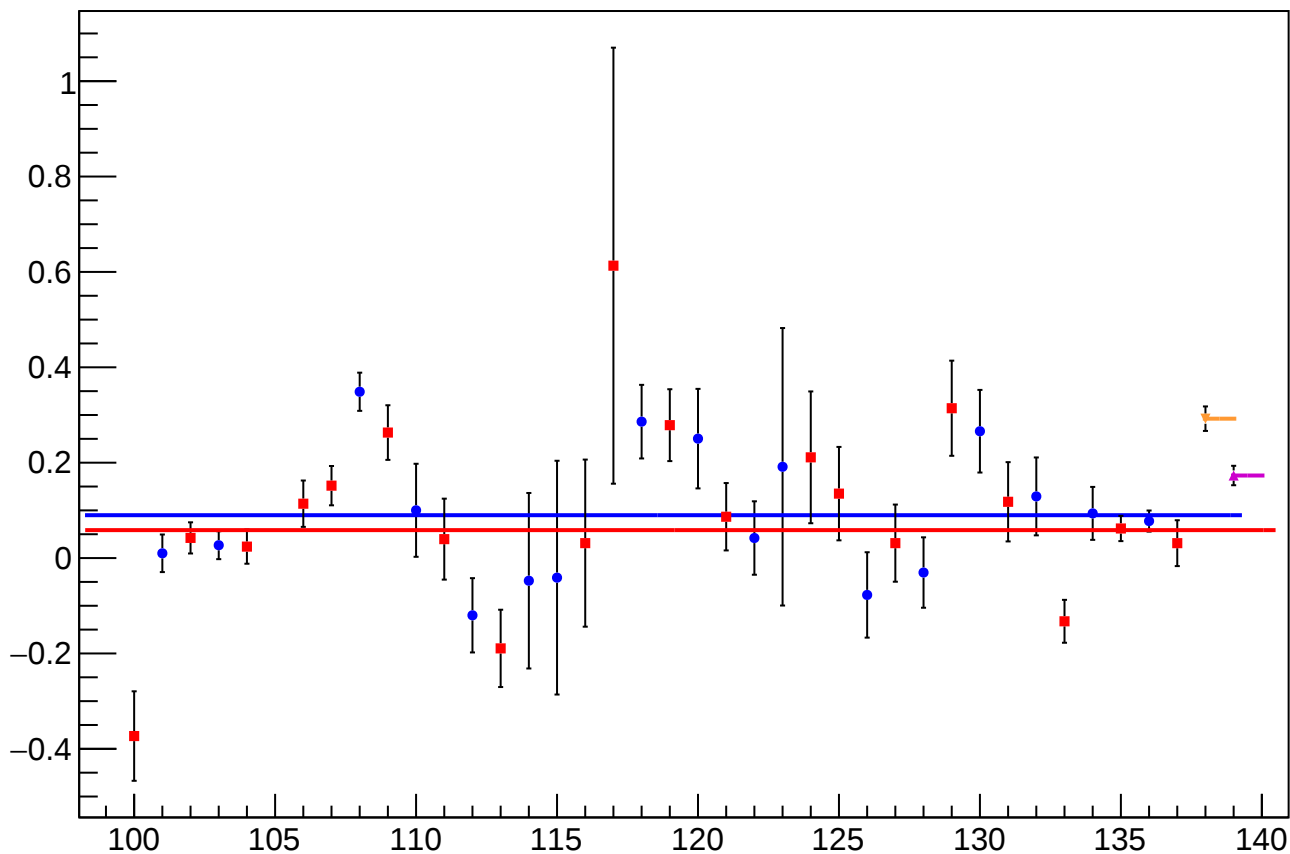
Right Out: -32.523 ± 0.244 $\chi^2/\text{NDF}: 6045.3/19$

Left In: -27.607 ± 0.922 $\chi^2/\text{NDF}: 0.0/0$

-32.795 ± 0.242 $\chi^2/\text{NDF}: 4648.8/17$

-32.202 ± 0.236 $\chi^2/\text{NDF}: 6071.9/20$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 78.8/16

Left Out: 0.292 $\pm$ 0.026 χ^2 /NDF: 0.0/0

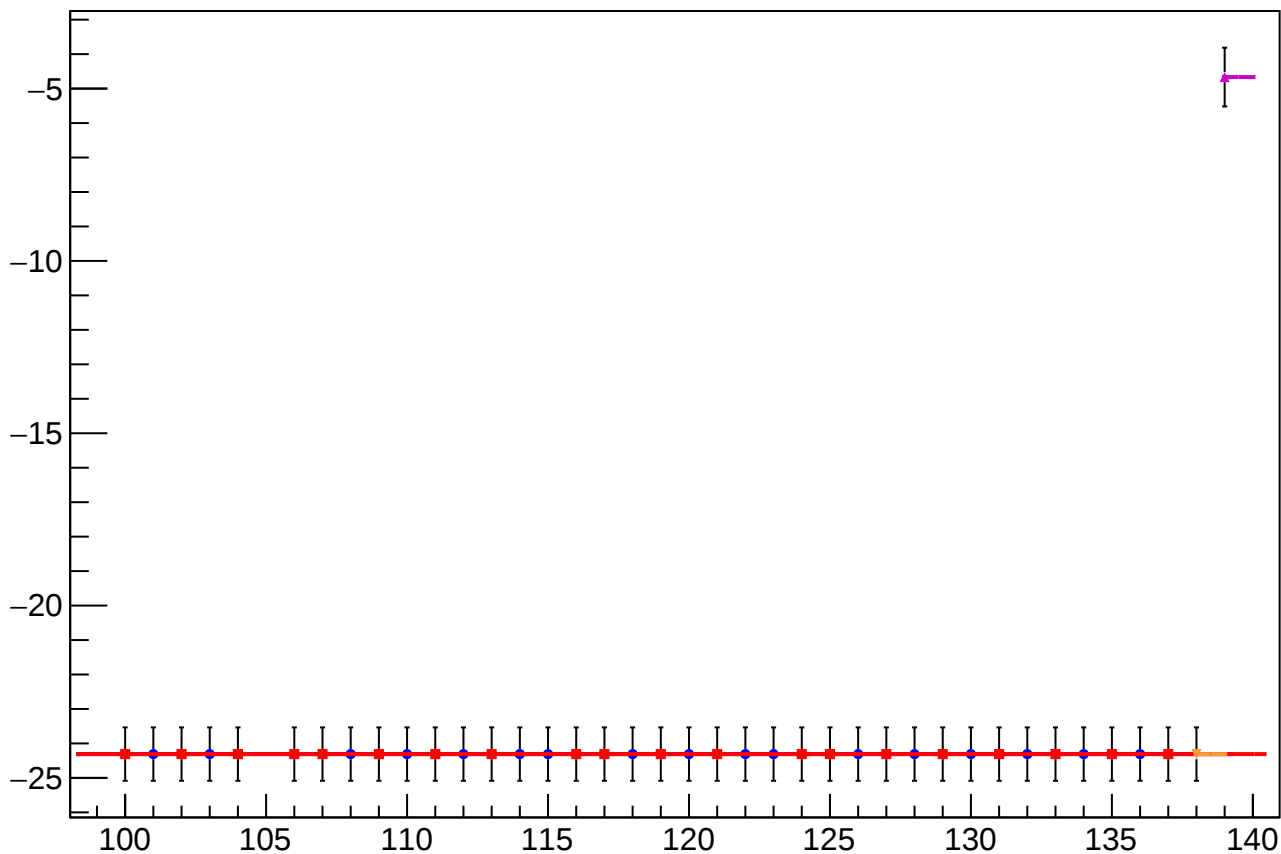
Right Out: 0.059 $\pm$ 0.012 χ^2 /NDF: 88.6/19

Left In: 0.173 $\pm$ 0.020 χ^2 /NDF: 0.0/0

0.130 $\pm$ 0.011 χ^2 /NDF: 128.6/17

0.089 $\pm$ 0.010 χ^2 /NDF: 111.8/20

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: -24.309 ± 0.188 $\chi^2/\text{NDF}: 0.0/16$

-24.309 ± 0.183 $\chi^2/\text{NDF}: 0.0/17$

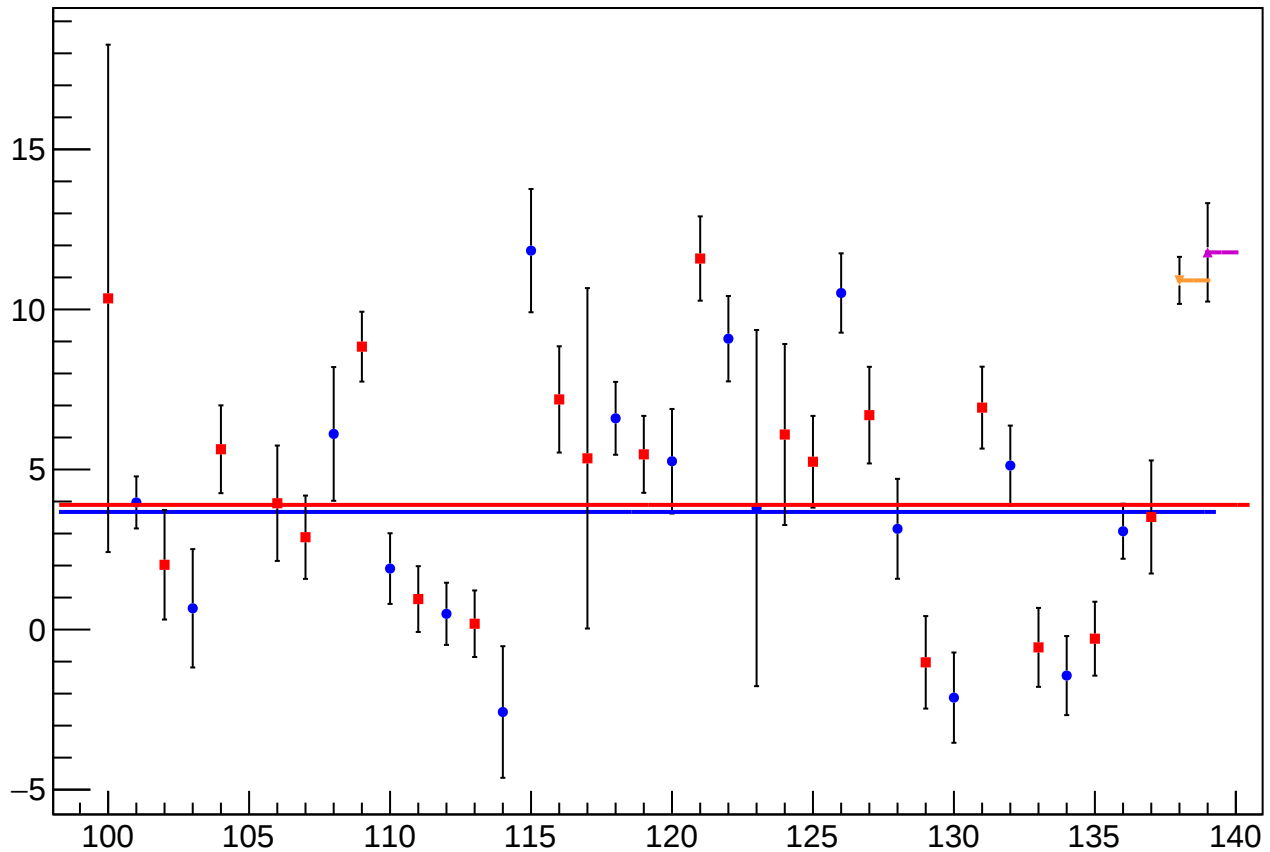
Left Out: -24.309 ± 0.775 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -24.309 ± 0.173 $\chi^2/\text{NDF}: 0.0/19$

-23.531 ± 0.170 $\chi^2/\text{NDF}: 509.8/20$

Left In: -4.665 ± 0.853 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.675+/-0.310 χ^2/NDF : 135.2/16

Left Out: 10.908+/-0.735 χ^2/NDF : 0.0/0

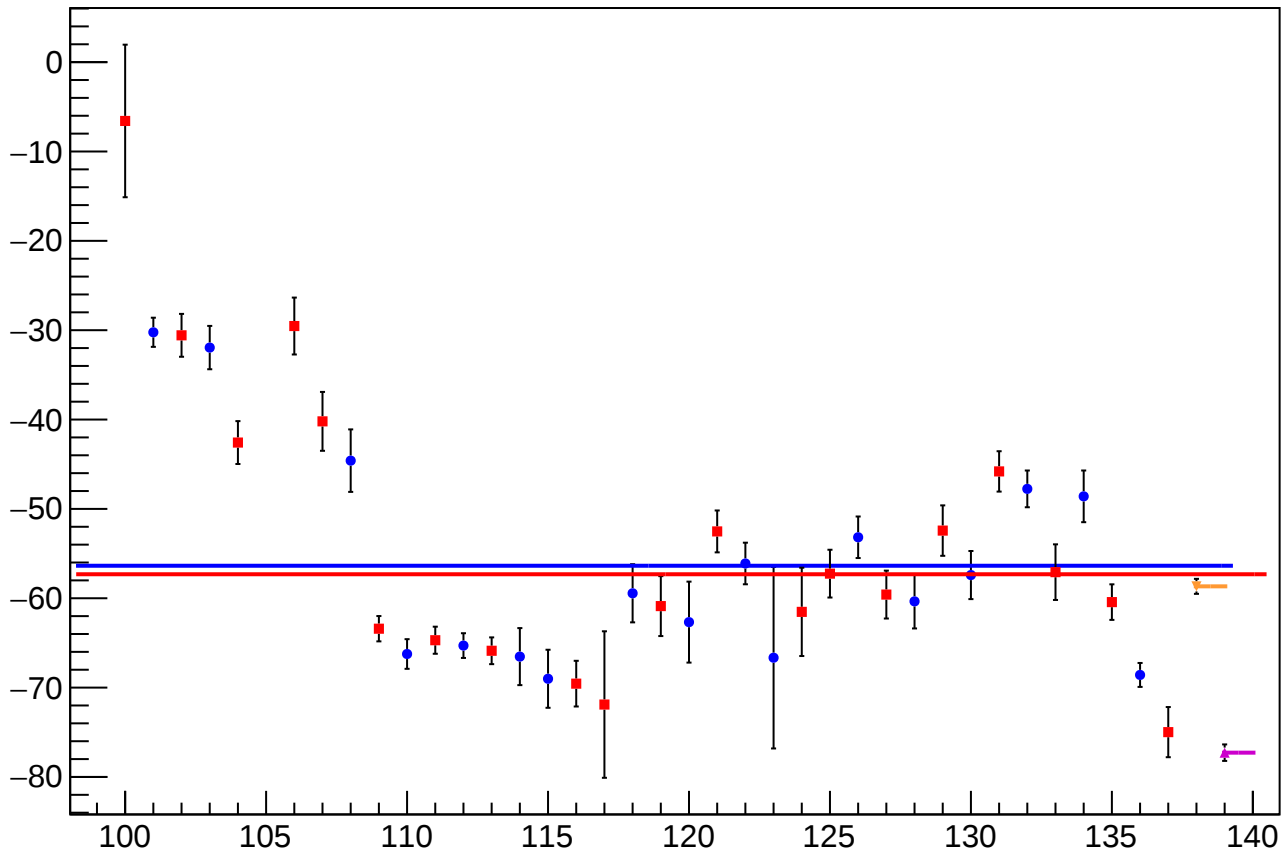
Right Out: 3.895+/-0.316 χ^2/NDF : 133.8/19

Left In: 11.783+/-1.538 χ^2/NDF : 0.0/0

4.770+/-0.286 χ^2/NDF : 217.4/17

4.214+/-0.309 χ^2/NDF : 159.1/20

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.362 $\pm$ 0.543 χ^2 /NDF: 587.2/16

Left Out: -58.668 $\pm$ 0.839 χ^2 /NDF: 0.0/0

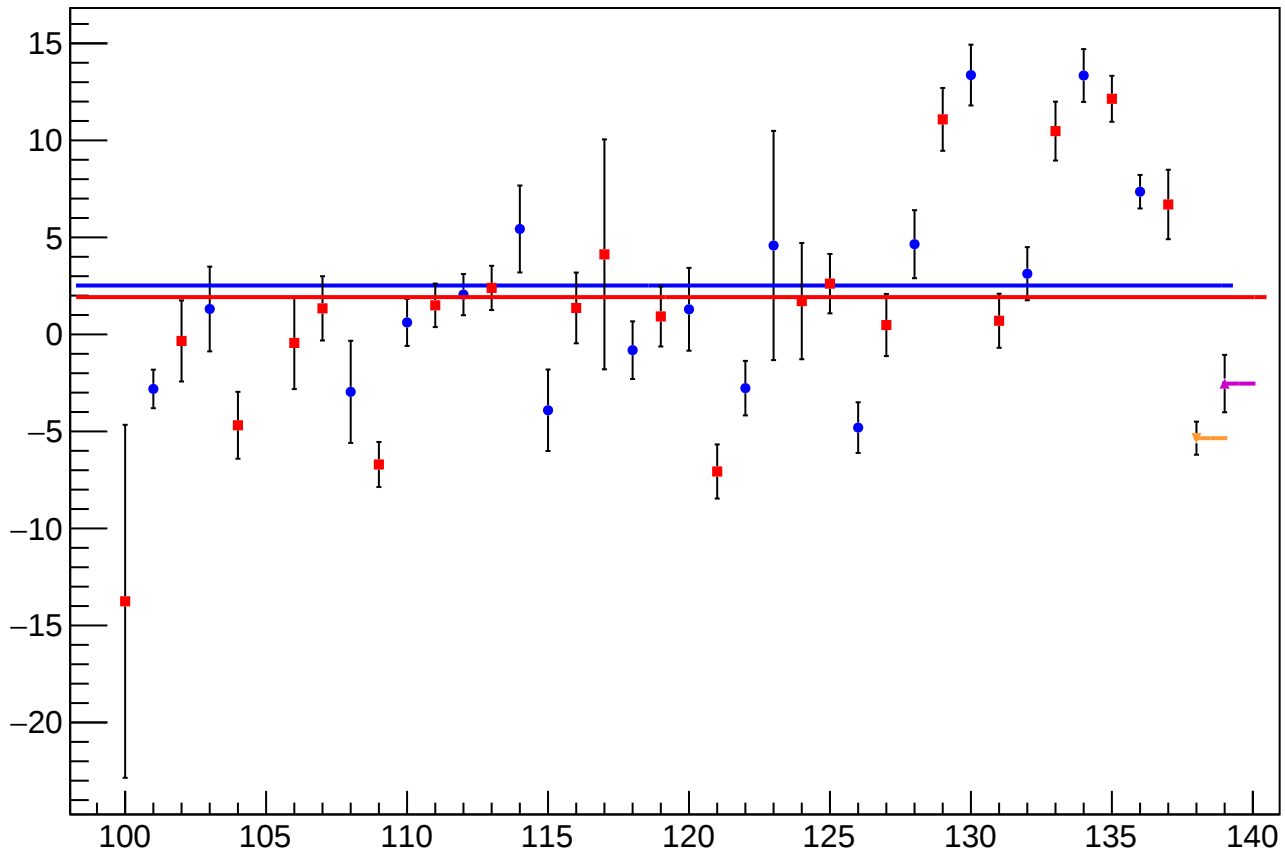
Right Out: -57.314 $\pm$ 0.535 χ^2 /NDF: 479.2/19

Left In: -77.281 $\pm$ 0.923 χ^2 /NDF: 0.0/0

-57.042 $\pm$ 0.456 χ^2 /NDF: 592.5/17

-62.336 $\pm$ 0.463 χ^2 /NDF: 829.5/20

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.520 $\pm$ 0.347 χ^2 /NDF: 242.3/16

Left Out: -5.349 $\pm$ 0.853 χ^2 /NDF: 0.0/0

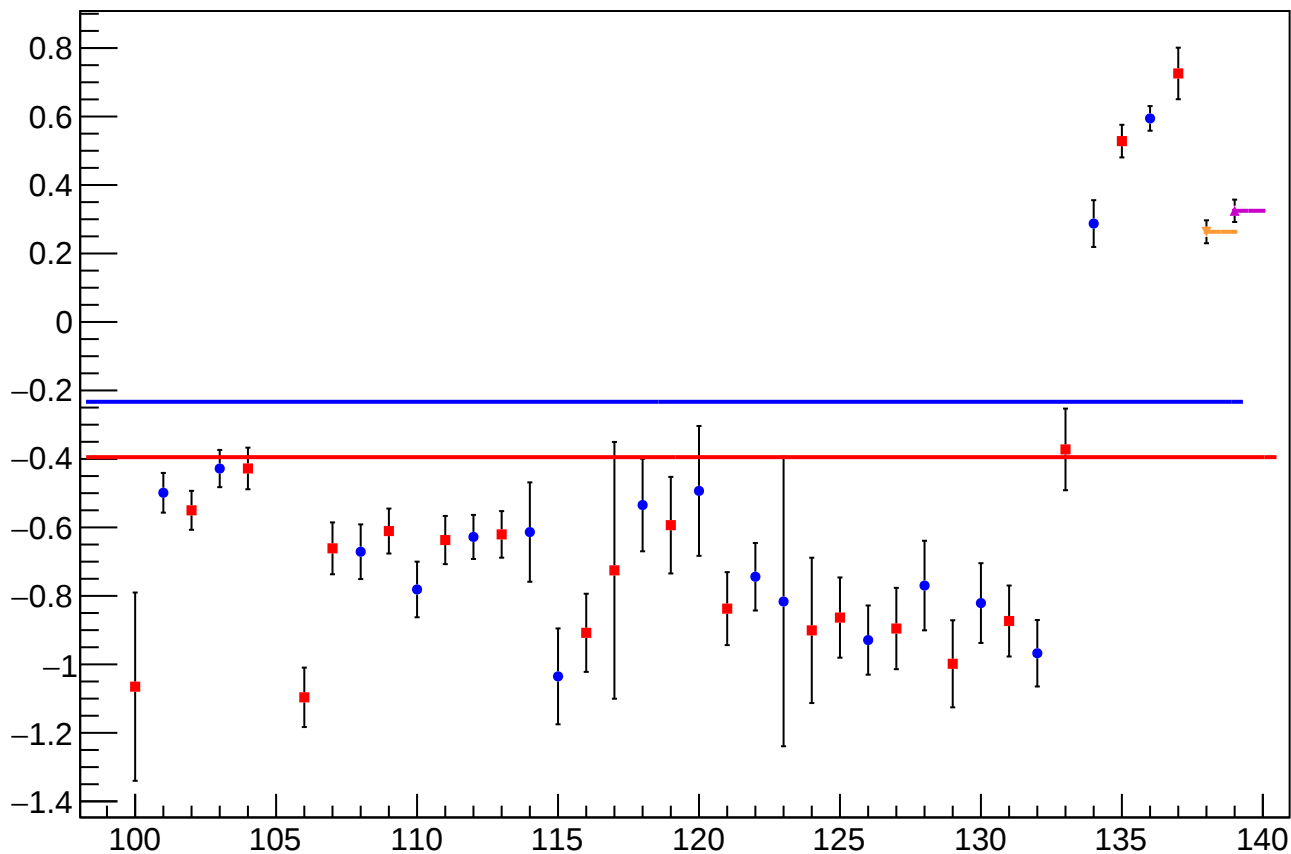
Right Out: 1.922 $\pm$ 0.354 χ^2 /NDF: 264.7/19

Left In: -2.535 $\pm$ 1.481 χ^2 /NDF: 0.0/0

1.402 $\pm$ 0.322 χ^2 /NDF: 315.4/17

1.681 $\pm$ 0.345 χ^2 /NDF: 273.3/20

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.233 ± 0.019 χ^2/NDF : 956.8/16

Left Out: 0.263 ± 0.033 χ^2/NDF : 0.0/0

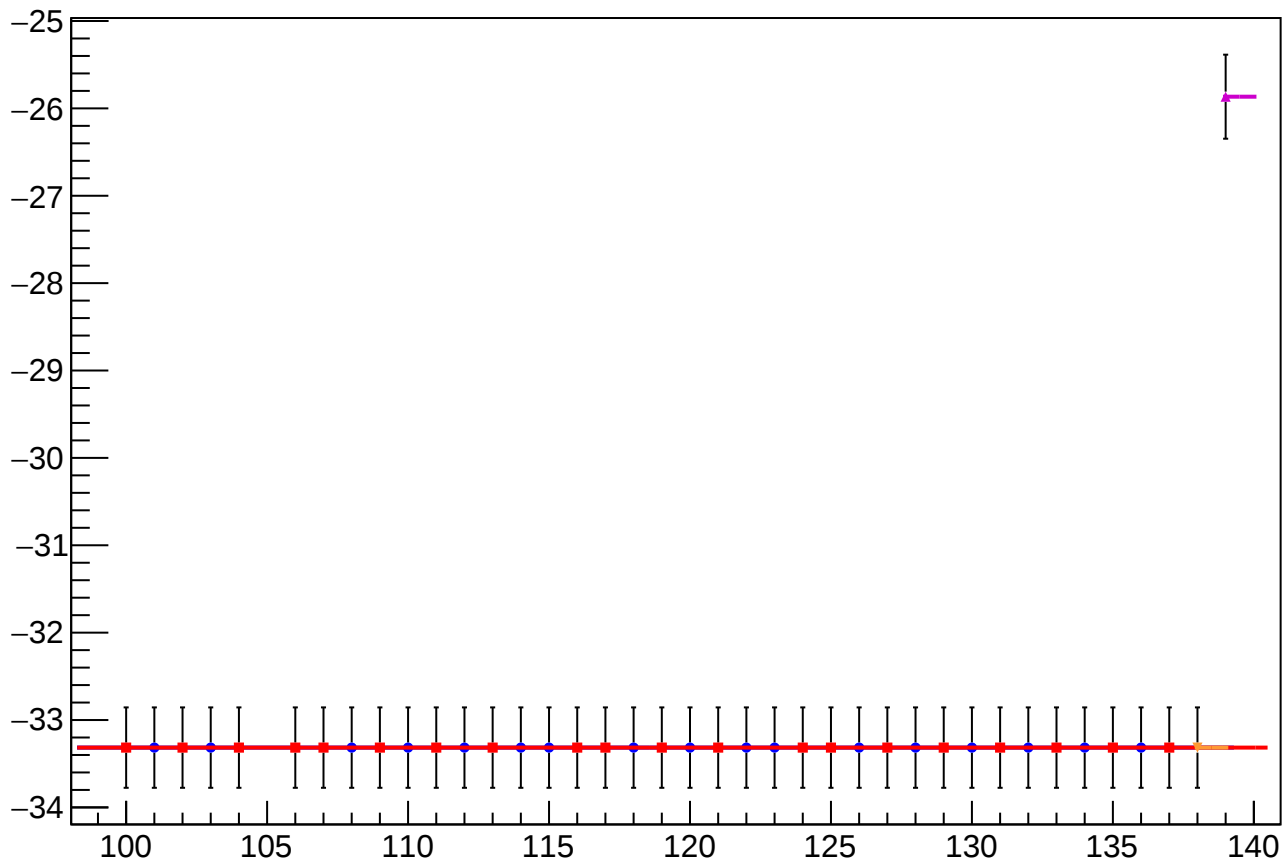
Right Out: -0.395 ± 0.019 χ^2/NDF : 845.9/19

Left In: 0.325 ± 0.033 χ^2/NDF : 0.0/0

-0.113 ± 0.016 χ^2/NDF : 1123.6/17

-0.213 ± 0.016 χ^2/NDF : 1209.0/20

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: -33.316 $\pm$ 0.112 χ^2 /NDF: 0.0/16

Left Out: -33.316 $\pm$ 0.460 χ^2 /NDF: 0.0/0

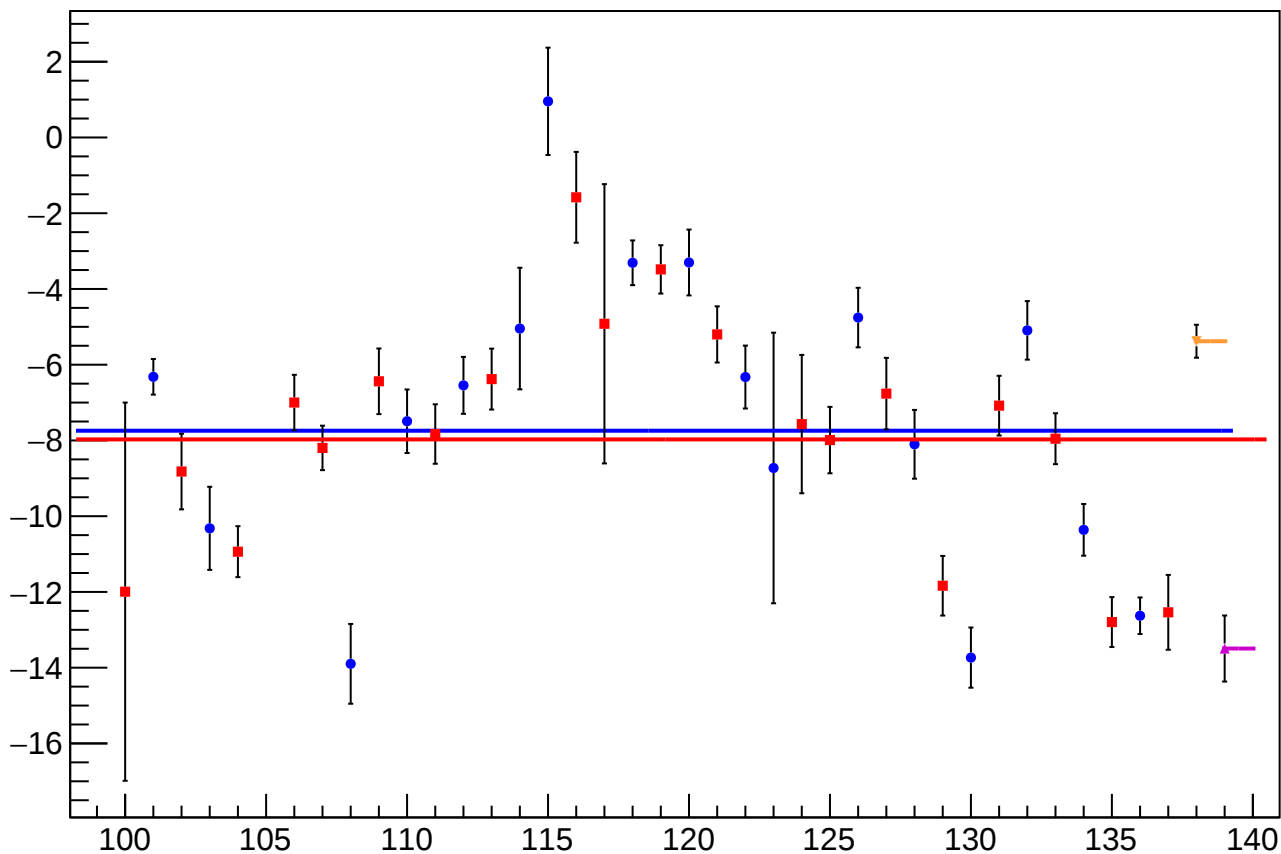
Right Out: -33.316 $\pm$ 0.103 χ^2 /NDF: 0.0/19

Left In: -25.866 $\pm$ 0.481 χ^2 /NDF: 0.0/0

-33.316 $\pm$ 0.108 χ^2 /NDF: 0.0/17

-32.990 $\pm$ 0.101 χ^2 /NDF: 229.4/20

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.743 $\pm$ 0.187 χ^2/NDF : 377.5/16

Left Out: -5.380 $\pm$ 0.435 χ^2/NDF : 0.0/0

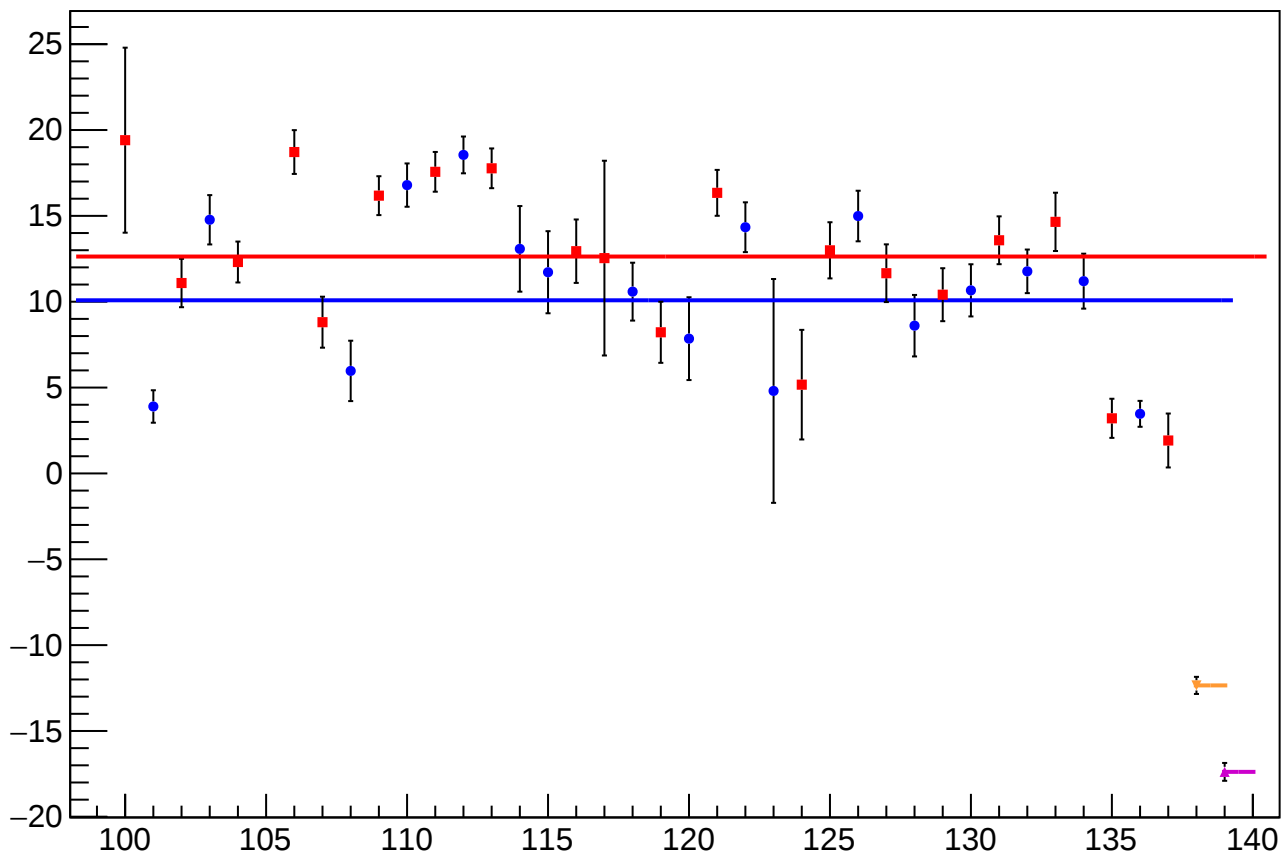
Right Out: -7.973 $\pm$ 0.186 χ^2/NDF : 224.2/19

Left In: -13.494 $\pm$ 0.872 χ^2/NDF : 0.0/0

-7.374 $\pm$ 0.172 χ^2/NDF : 402.4/17

-8.212 $\pm$ 0.182 χ^2/NDF : 262.6/20

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.083 ± 0.338 χ^2/NDF : 252.7/16

Left Out: -12.346 ± 0.498 χ^2/NDF : 0.0/0

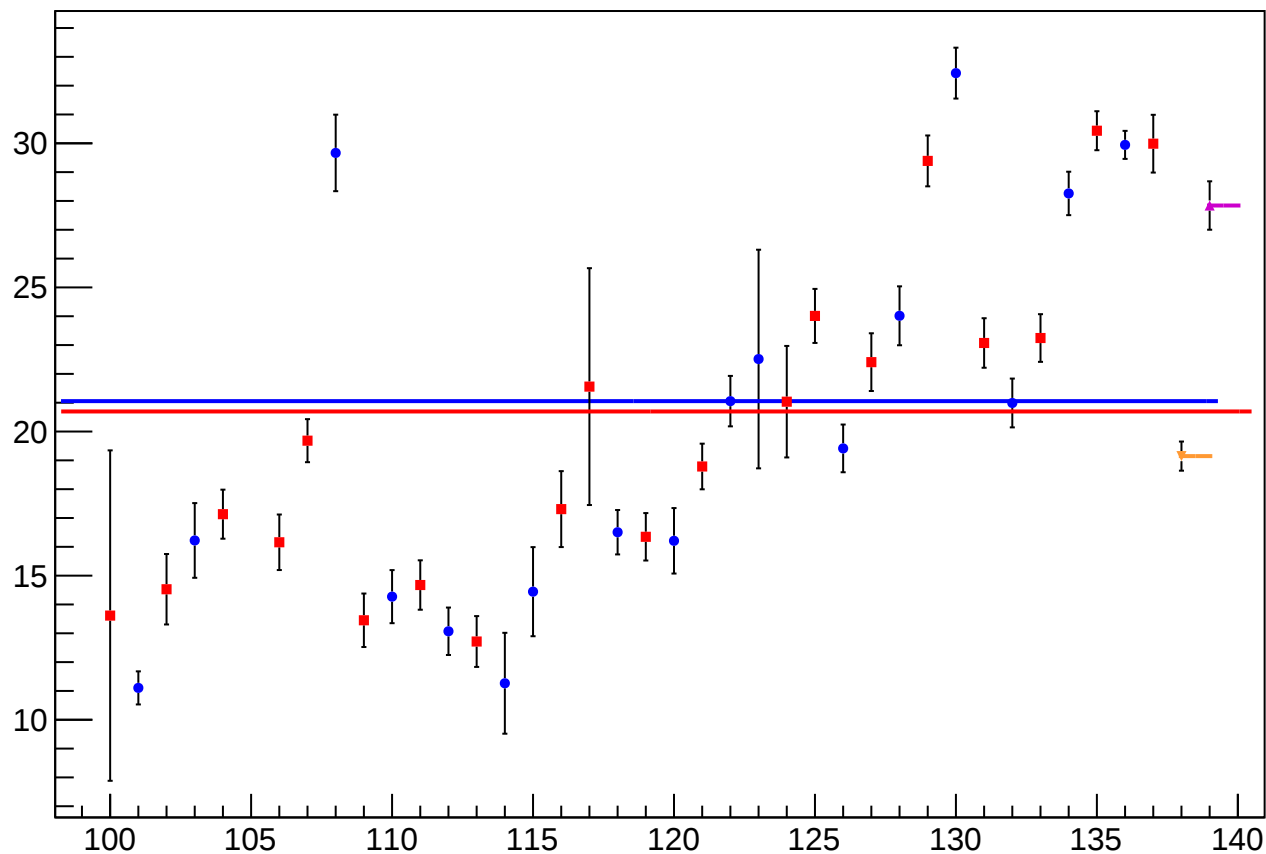
Right Out: 12.631 ± 0.332 χ^2/NDF : 218.6/19

Left In: -17.381 ± 0.520 χ^2/NDF : 0.0/0

3.020 ± 0.280 χ^2/NDF : 1640.0/17

3.937 ± 0.280 χ^2/NDF : 2584.7/20

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 21.055 $\pm$ 0.211 χ^2 /NDF: 1211.8/16

Left Out: 19.147 $\pm$ 0.506 χ^2 /NDF:0.0/0

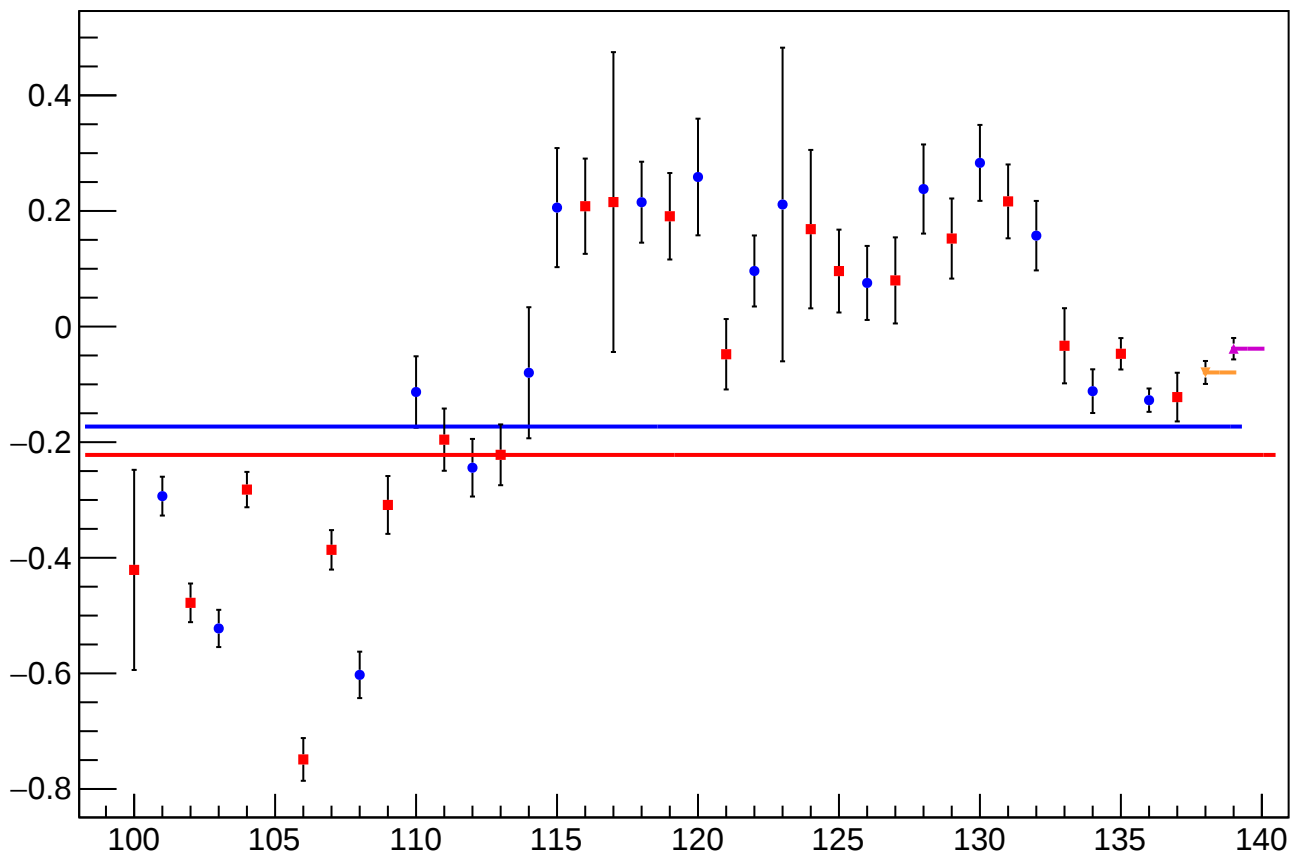
Right Out: 20.696 $\pm$ 0.212 χ^2 /NDF: 724.1/19

Left In: 27.842 $\pm$ 0.840 χ^2 /NDF:0.0/0

20.772 $\pm$ 0.195 χ^2 /NDF: 1223.9/17

21.126 $\pm$ 0.206 χ^2 /NDF: 792.2/20

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.173 ± 0.011 χ^2/NDF : 461.8/16

Left Out: -0.079 ± 0.020 χ^2/NDF : 0.0/0

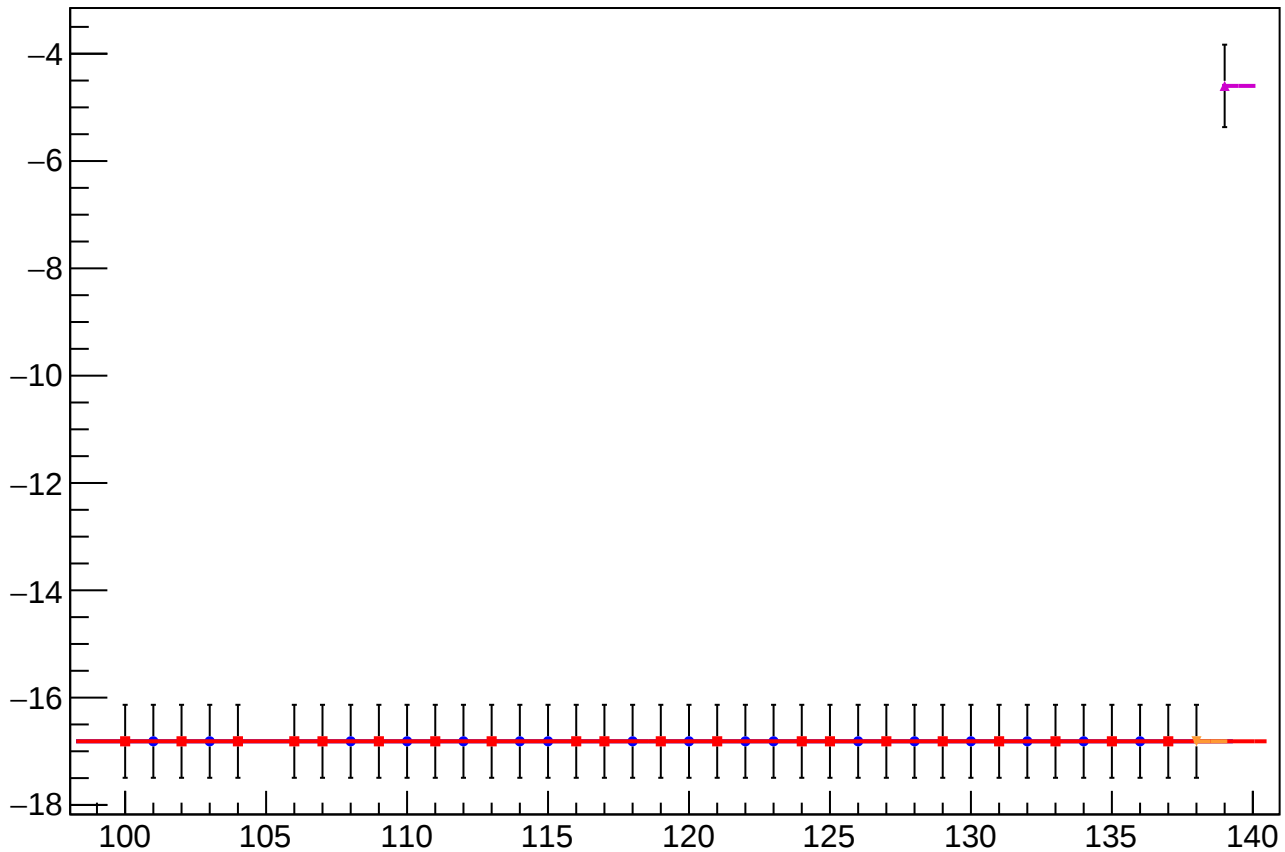
Right Out: -0.222 ± 0.011 χ^2/NDF : 538.0/19

Left In: -0.038 ± 0.019 χ^2/NDF : 0.0/0

-0.150 ± 0.010 χ^2/NDF : 478.7/17

-0.175 ± 0.009 χ^2/NDF : 610.9/20

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



Right In: -16.814 $\pm$ 0.165 χ^2 /NDF: 0.0/16

Left Out: -16.814 $\pm$ 0.680 χ^2 /NDF: 0.0/0

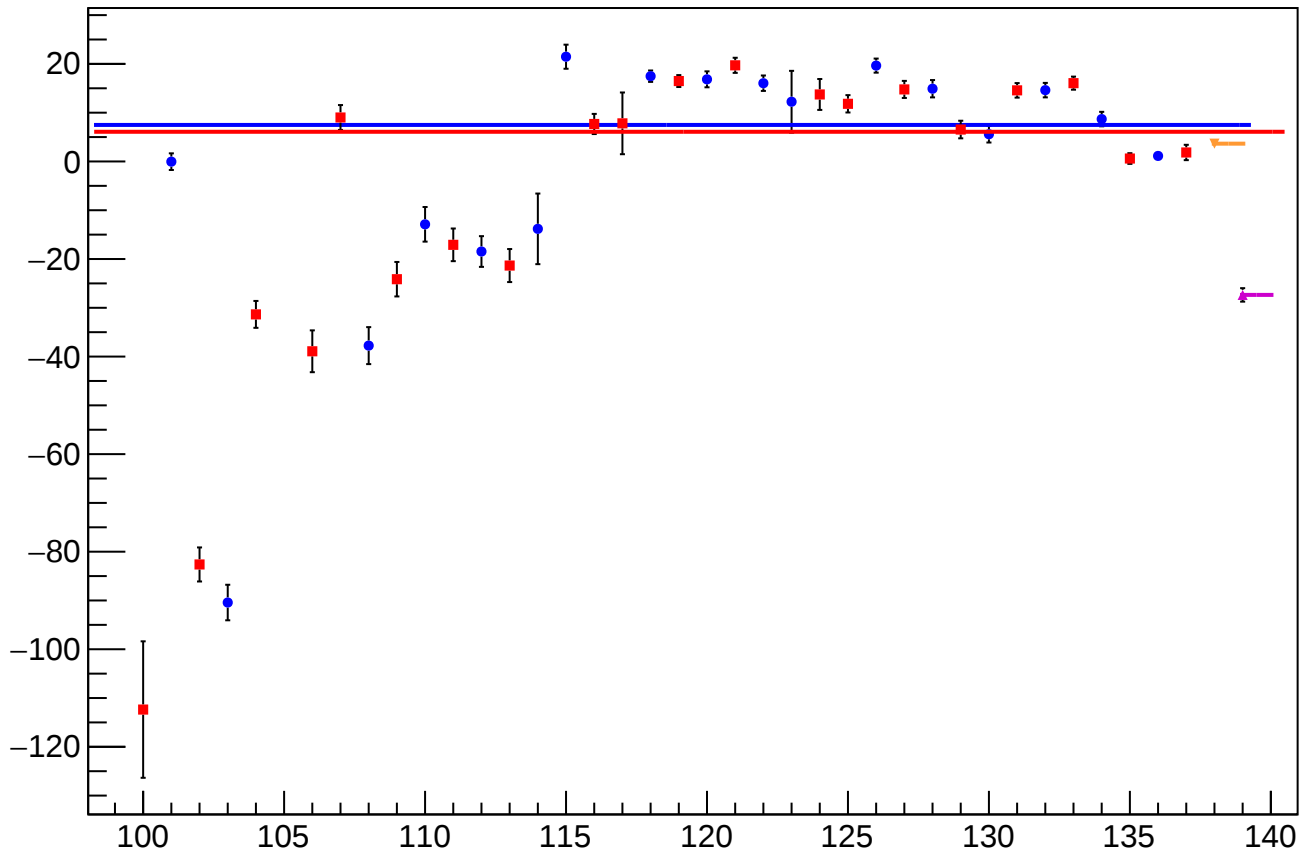
Right Out: -16.814 $\pm$ 0.152 χ^2 /NDF: 0.0/19

Left In: -4.600 $\pm$ 0.768 χ^2 /NDF: 0.0/0

-16.814 $\pm$ 0.160 χ^2 /NDF: 0.0/17

-16.354 $\pm$ 0.149 χ^2 /NDF: 243.2/20

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 7.488 ± 0.407 χ^2/NDF : 1340.5/16

Left Out: 3.648 ± 0.650 χ^2/NDF : 0.0/0

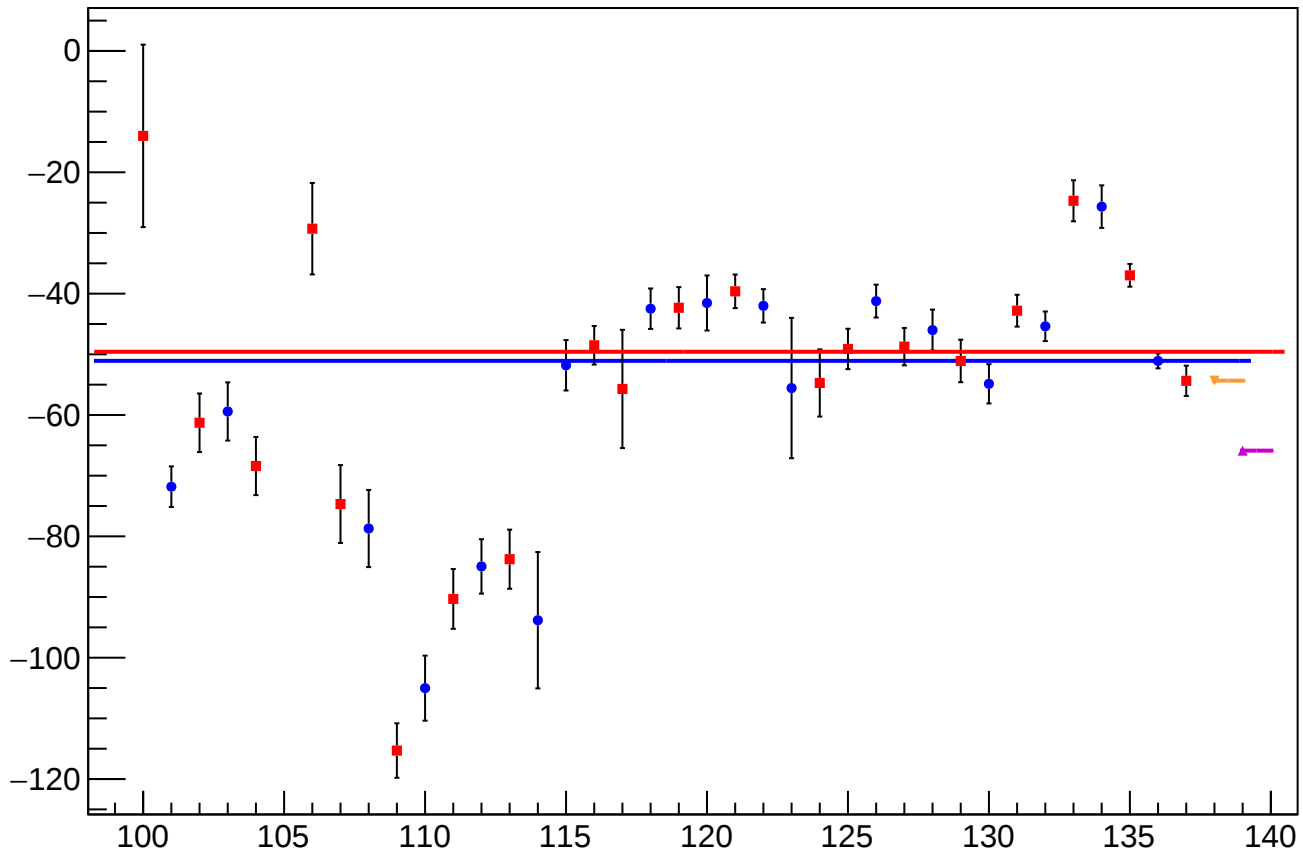
Right Out: 6.086 ± 0.433 χ^2/NDF : 1512.2/19

Left In: -27.357 ± 1.382 χ^2/NDF : 0.0/0

6.406 ± 0.345 χ^2/NDF : 1365.6/17

3.092 ± 0.413 χ^2/NDF : 2045.6/20

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -51.077 ± 0.741 χ^2/NDF : 330.2/16

Left Out: -54.339 ± 0.737 χ^2/NDF : 0.0/0

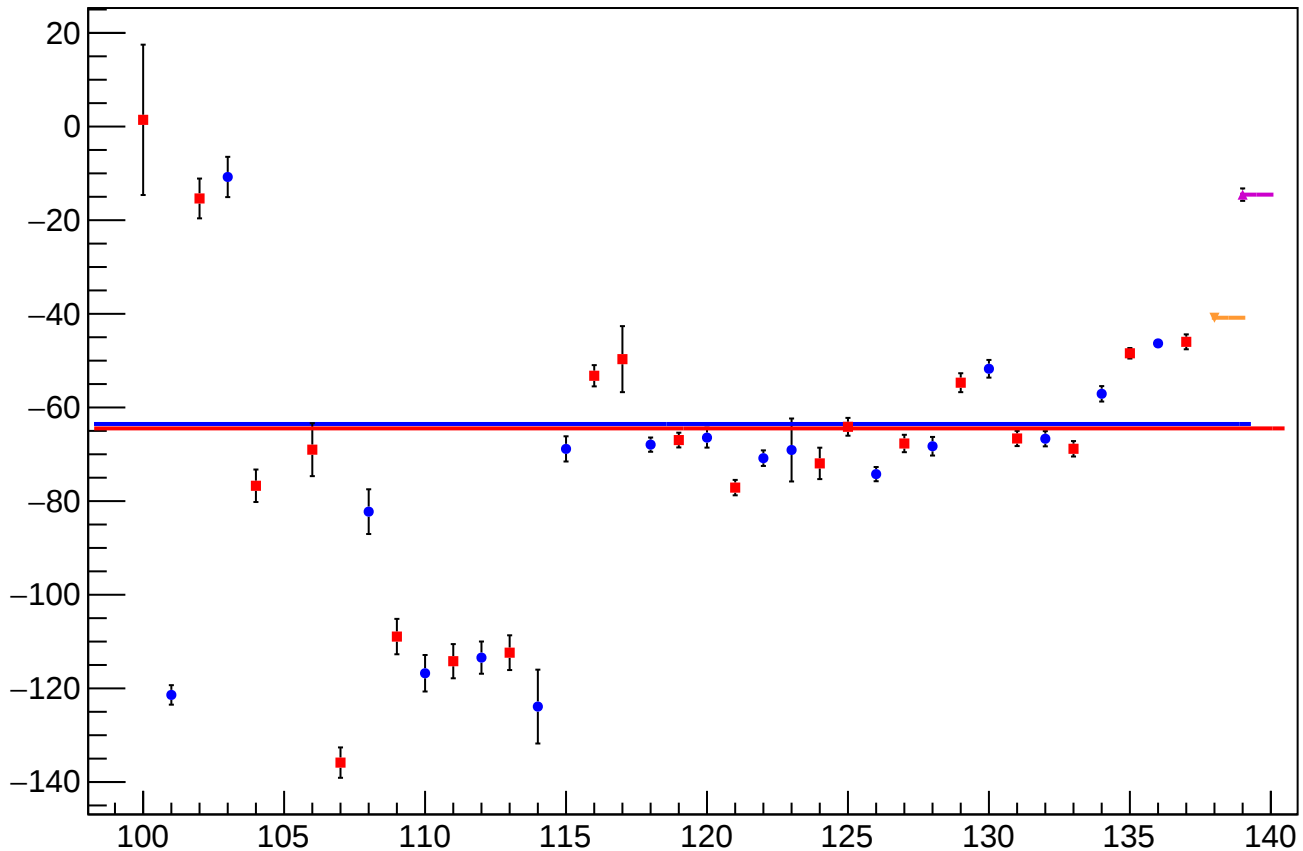
Right Out: -49.579 ± 0.796 χ^2/NDF : 510.0/19

Left In: -65.874 ± 0.832 χ^2/NDF : 0.0/0

-52.716 ± 0.523 χ^2/NDF : 339.9/17

-57.364 ± 0.575 χ^2/NDF : 710.3/20

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.525 $\pm$ 0.449 χ^2 /NDF: 2010.9/16

Left Out: -40.834 $\pm$ 0.753 χ^2 /NDF: 0.0/0

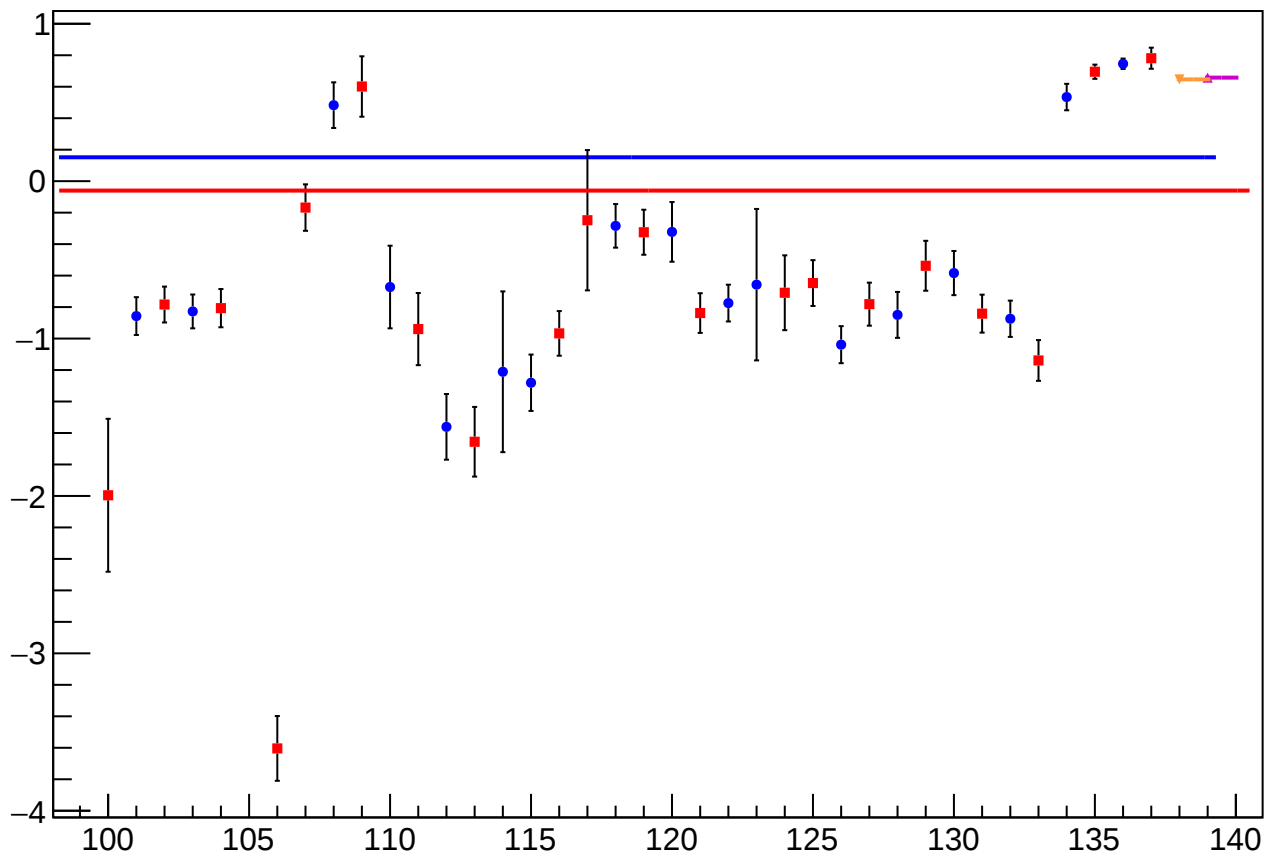
Right Out: -64.470 $\pm$ 0.482 χ^2 /NDF: 1607.5/19

Left In: -14.542 $\pm$ 1.330 χ^2 /NDF: 0.0/0

-57.575 $\pm$ 0.385 χ^2 /NDF: 2681.6/17

-58.677 $\pm$ 0.453 χ^2 /NDF: 2853.3/20

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.152 ± 0.024 χ^2/NDF : 987.4/16

Left Out: 0.647 ± 0.029 χ^2/NDF : 0.0/0

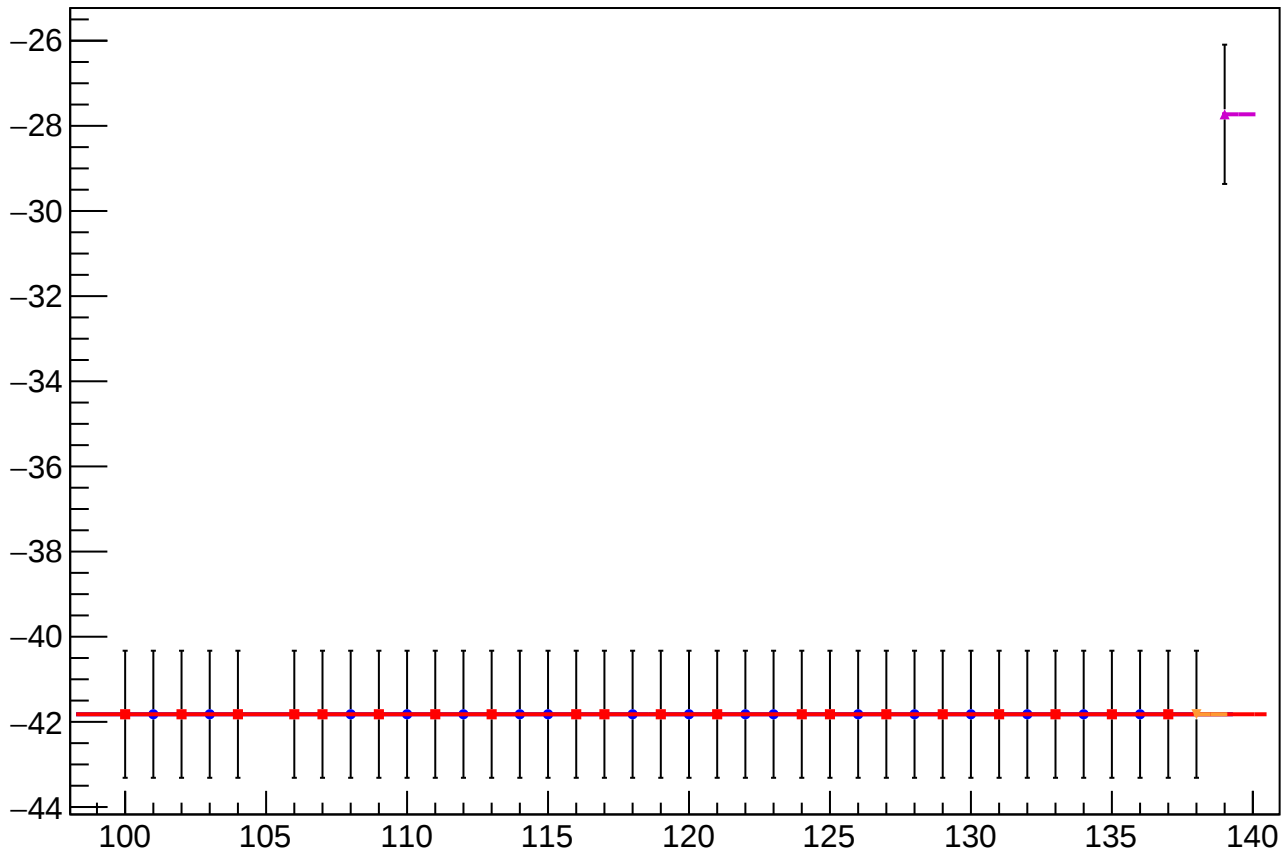
Right Out: -0.060 ± 0.026 χ^2/NDF : 1162.1/19

Left In: 0.658 ± 0.029 χ^2/NDF : 0.0/0

0.350 ± 0.019 χ^2/NDF : 1157.3/17

0.259 ± 0.020 χ^2/NDF : 1494.5/20

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



Right In: -41.821 ± 0.362 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -41.821 ± 1.492 $\chi^2/\text{NDF}: 0.0/0$

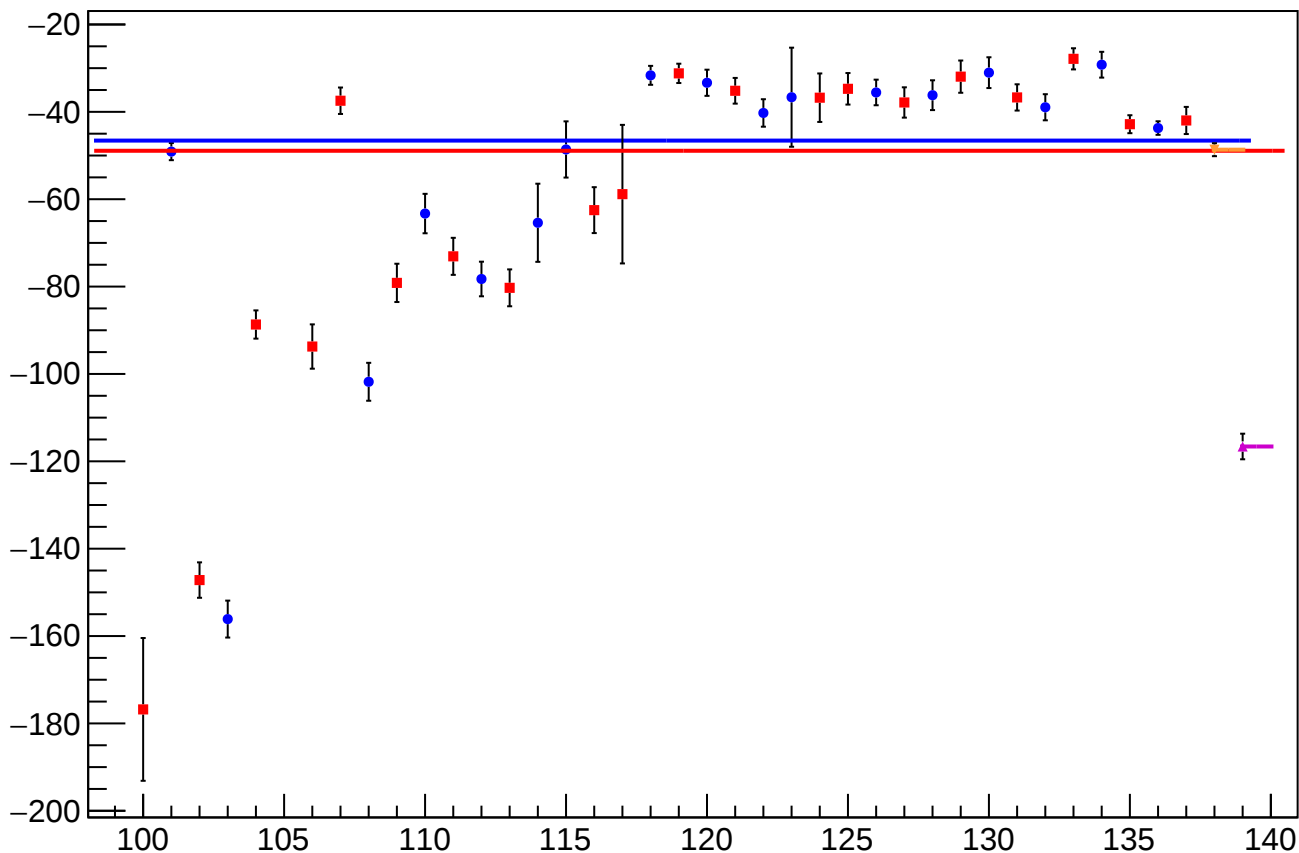
Right Out: -41.821 ± 0.334 $\chi^2/\text{NDF}: 0.0/19$

Left In: -27.729 ± 1.636 $\chi^2/\text{NDF}: 0.0/0$

-41.821 ± 0.352 $\chi^2/\text{NDF}: 0.0/17$

-41.258 ± 0.327 $\chi^2/\text{NDF}: 71.3/20$

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -46.579 $\pm$ 0.730 χ^2 /NDF: 1076.4/16

Left Out: -48.663 $\pm$ 1.485 χ^2 /NDF: 0.0/0

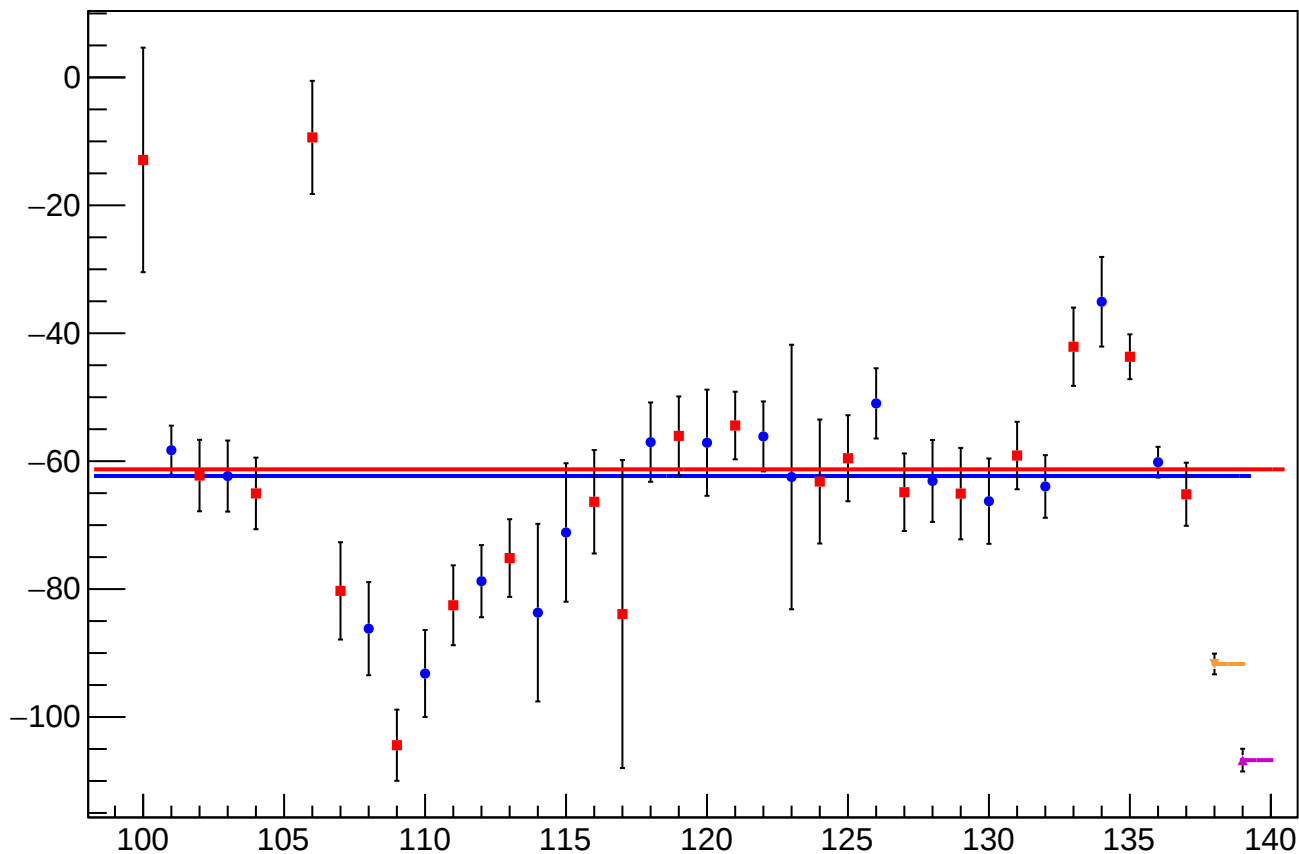
Right Out: -48.911 $\pm$ 0.763 χ^2 /NDF: 1277.9/19

Left In: -116.607 $\pm$ 2.930 χ^2 /NDF: 0.0/0

-46.984 $\pm$ 0.655 χ^2 /NDF: 1078.0/17

-53.205 $\pm$ 0.738 χ^2 /NDF: 1777.7/20

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.315 ± 1.316 χ^2/NDF : 67.1/16

Left Out: -91.708 ± 1.618 χ^2/NDF : 0.0/0

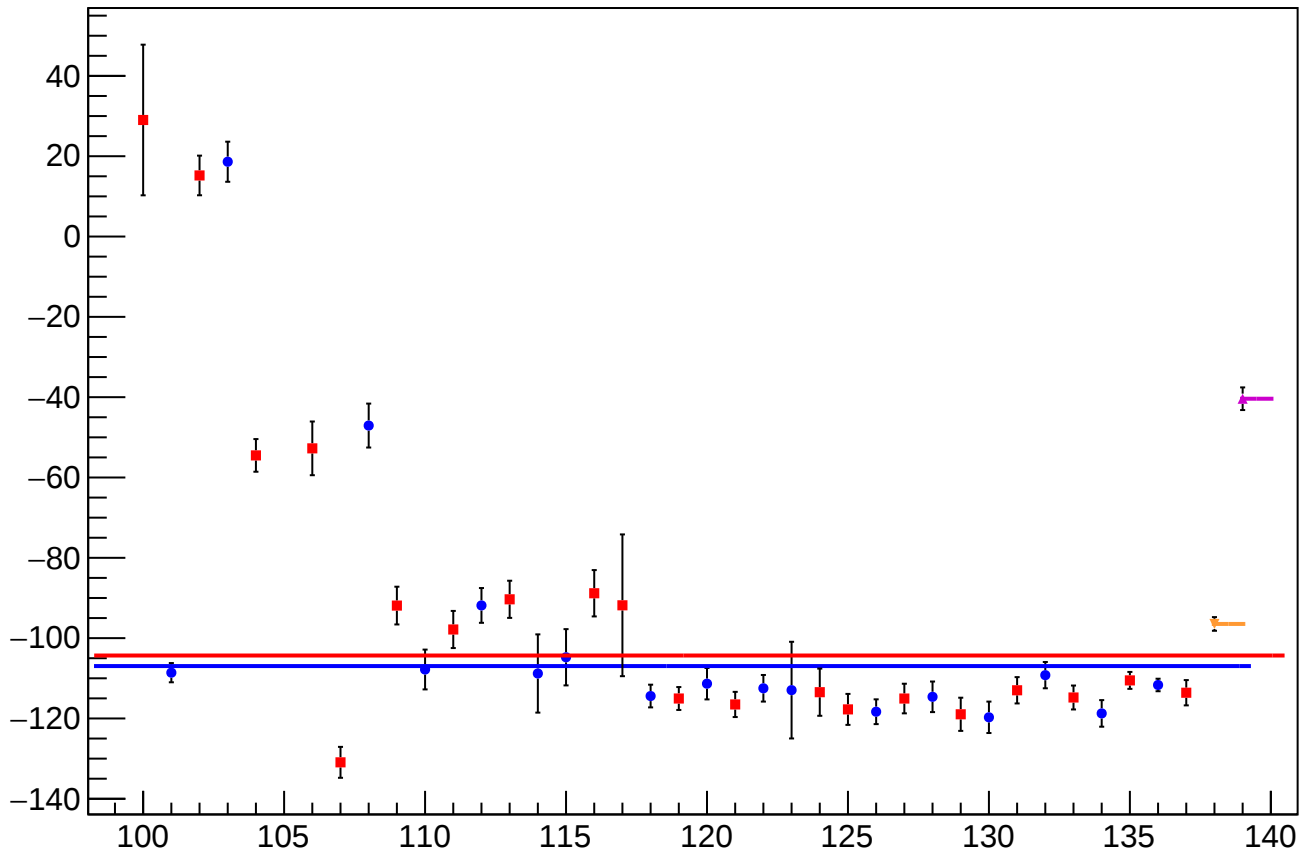
Right Out: -61.277 ± 1.379 χ^2/NDF : 165.9/19

Left In: -106.738 ± 1.773 χ^2/NDF : 0.0/0

-74.013 ± 1.021 χ^2/NDF : 265.8/17

-78.414 ± 1.088 χ^2/NDF : 575.7/20

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -106.954 ± 0.817 χ^2/NDF : 827.2/16

Left Out: -96.464 ± 1.703 χ^2/NDF : 0.0/0

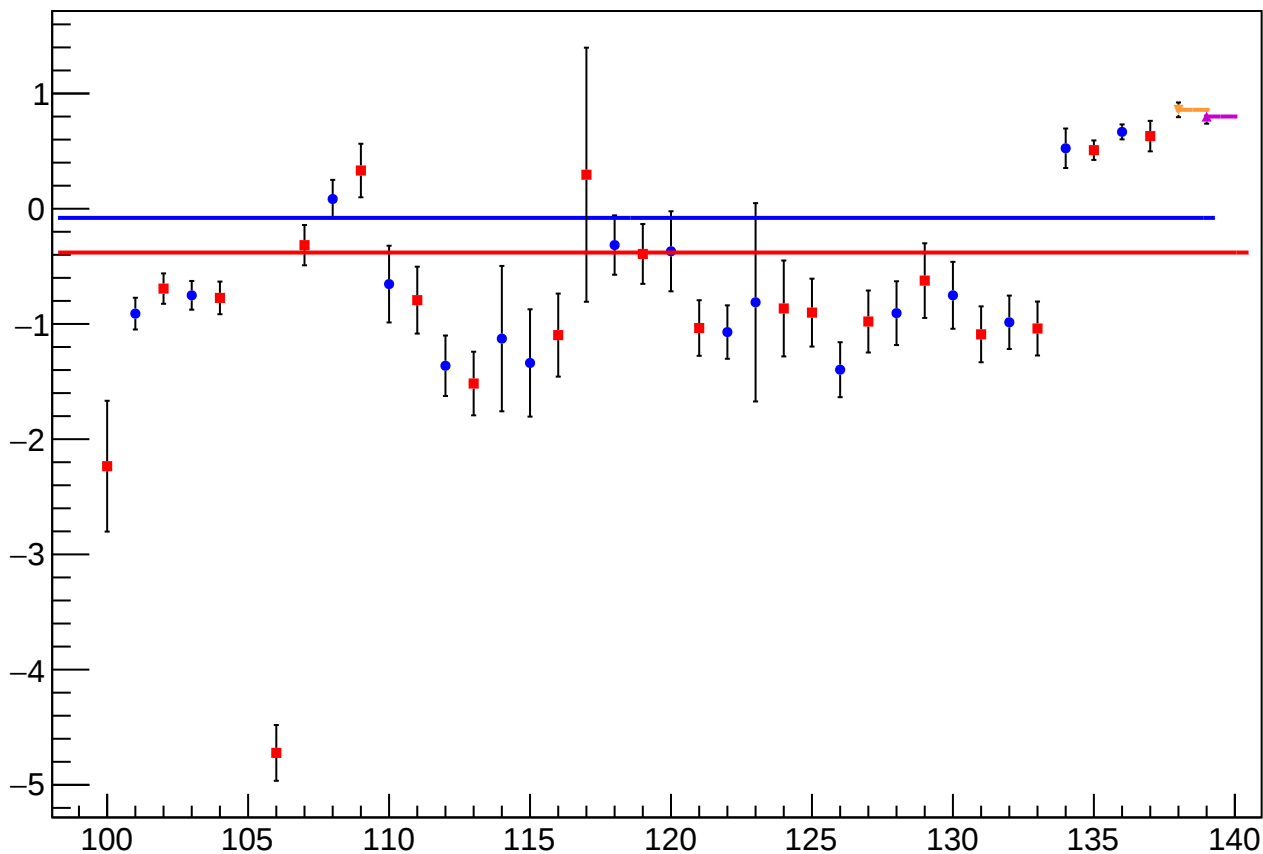
Right Out: -104.326 ± 0.860 χ^2/NDF : 1021.5/19

Left In: -40.385 ± 2.820 χ^2/NDF : 0.0/0

-104.990 ± 0.737 χ^2/NDF : 858.1/17

-98.881 ± 0.823 χ^2/NDF : 1491.9/20

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.079 ± 0.042 χ^2/NDF : 328.5/16

Left Out: 0.858 ± 0.064 χ^2/NDF : 0.0/0

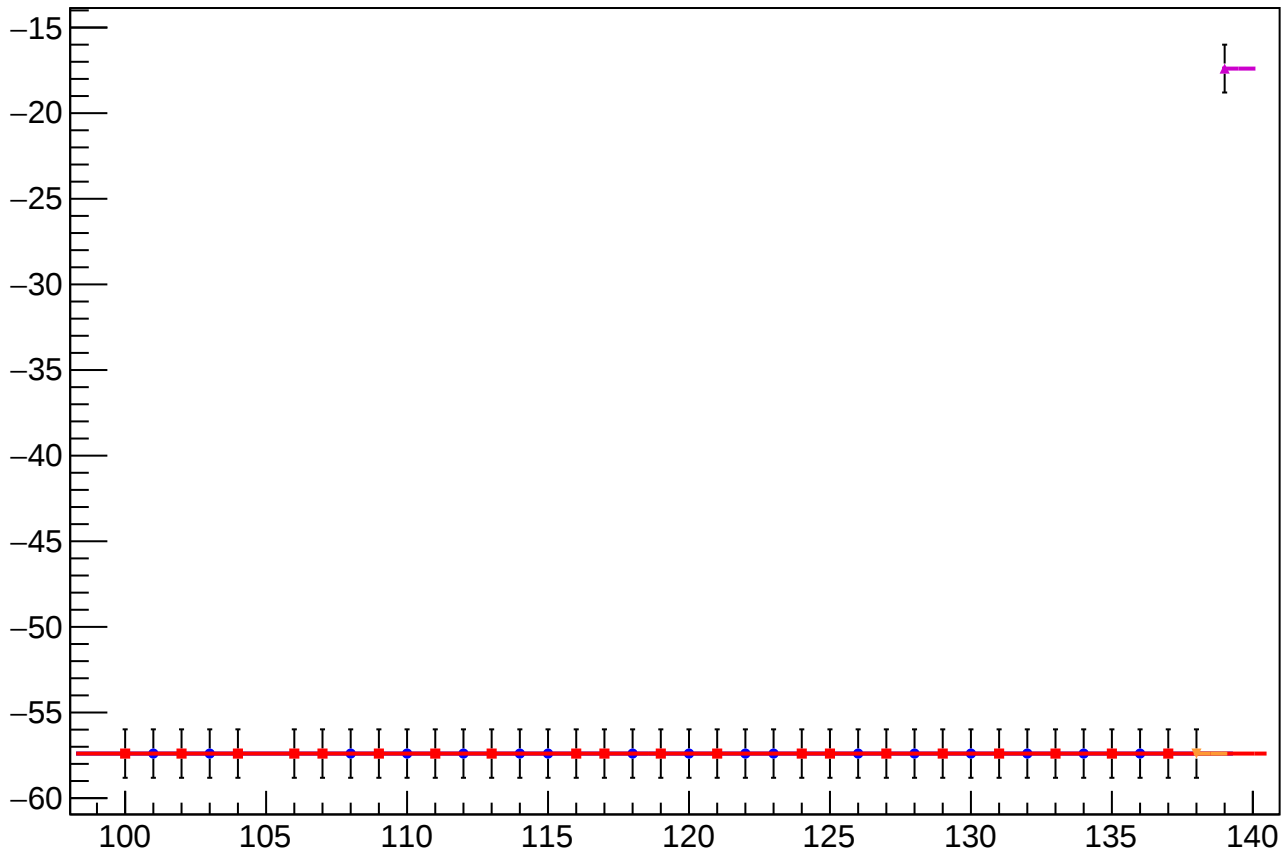
Right Out: -0.380 ± 0.044 χ^2/NDF : 580.9/19

Left In: 0.800 ± 0.062 χ^2/NDF : 0.0/0

0.206 ± 0.035 χ^2/NDF : 478.3/17

0.013 ± 0.036 χ^2/NDF : 821.0/20

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



Right In: -57.398 $\pm$ 0.343 χ^2 /NDF: 0.0/16

Left Out: -57.398 $\pm$ 1.415 χ^2 /NDF: 0.0/0

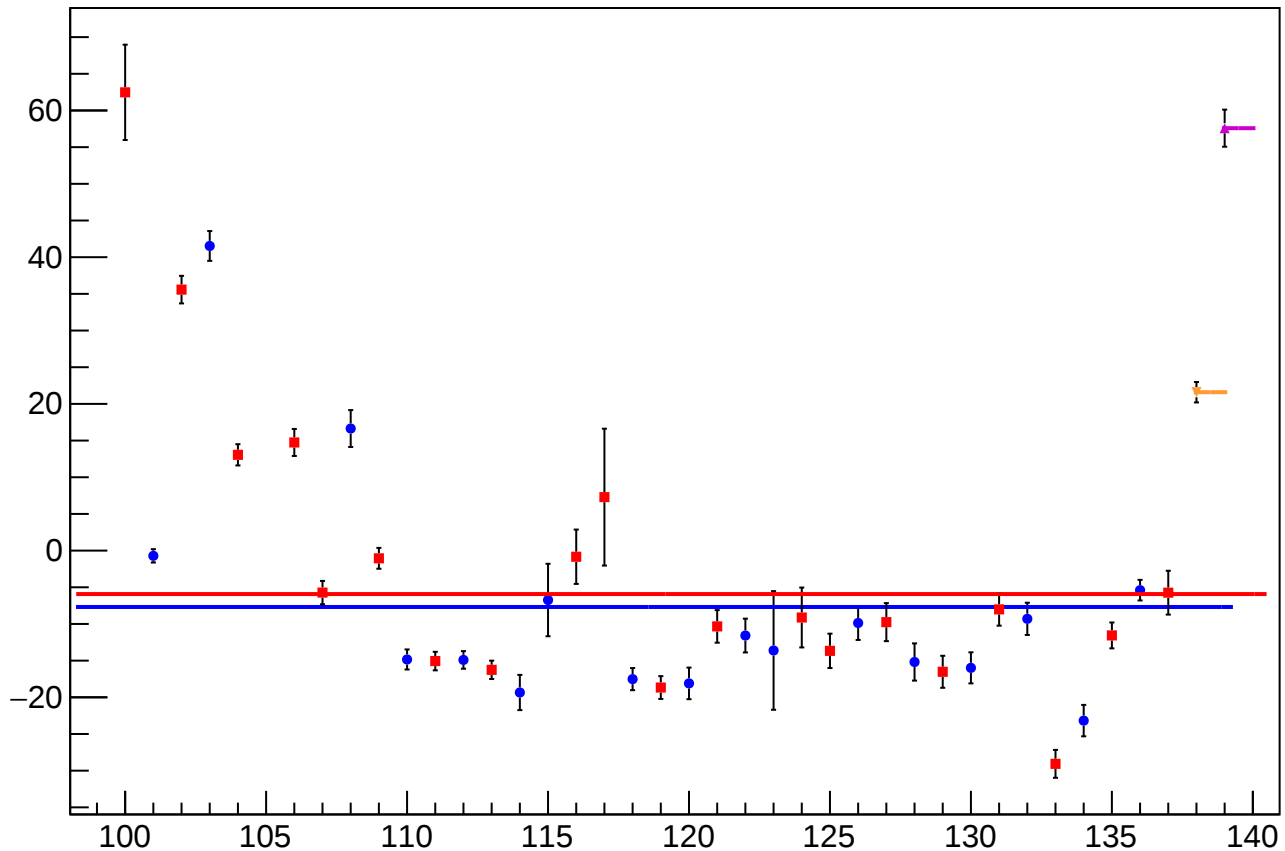
Right Out: -57.398 $\pm$ 0.316 χ^2 /NDF: 0.0/19

Left In: -17.397 $\pm$ 1.397 χ^2 /NDF: 0.0/0

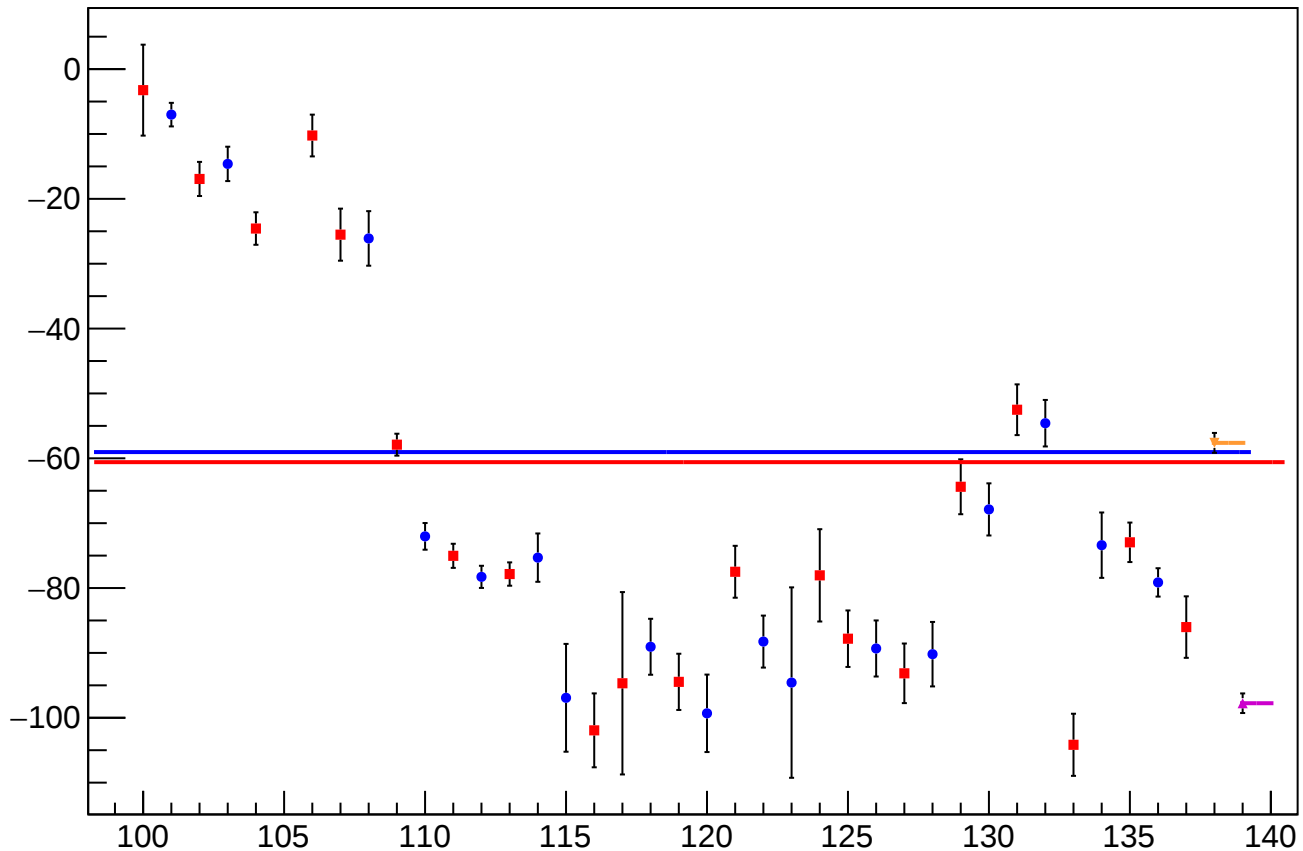
-57.398 $\pm$ 0.333 χ^2 /NDF: 0.0/17

-55.446 $\pm$ 0.309 χ^2 /NDF: 780.1/20

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.039 $\pm$ 0.746 χ^2 /NDF: 1709.5/16

Left Out: -57.620 $\pm$ 1.533 χ^2 /NDF: 0.0/0

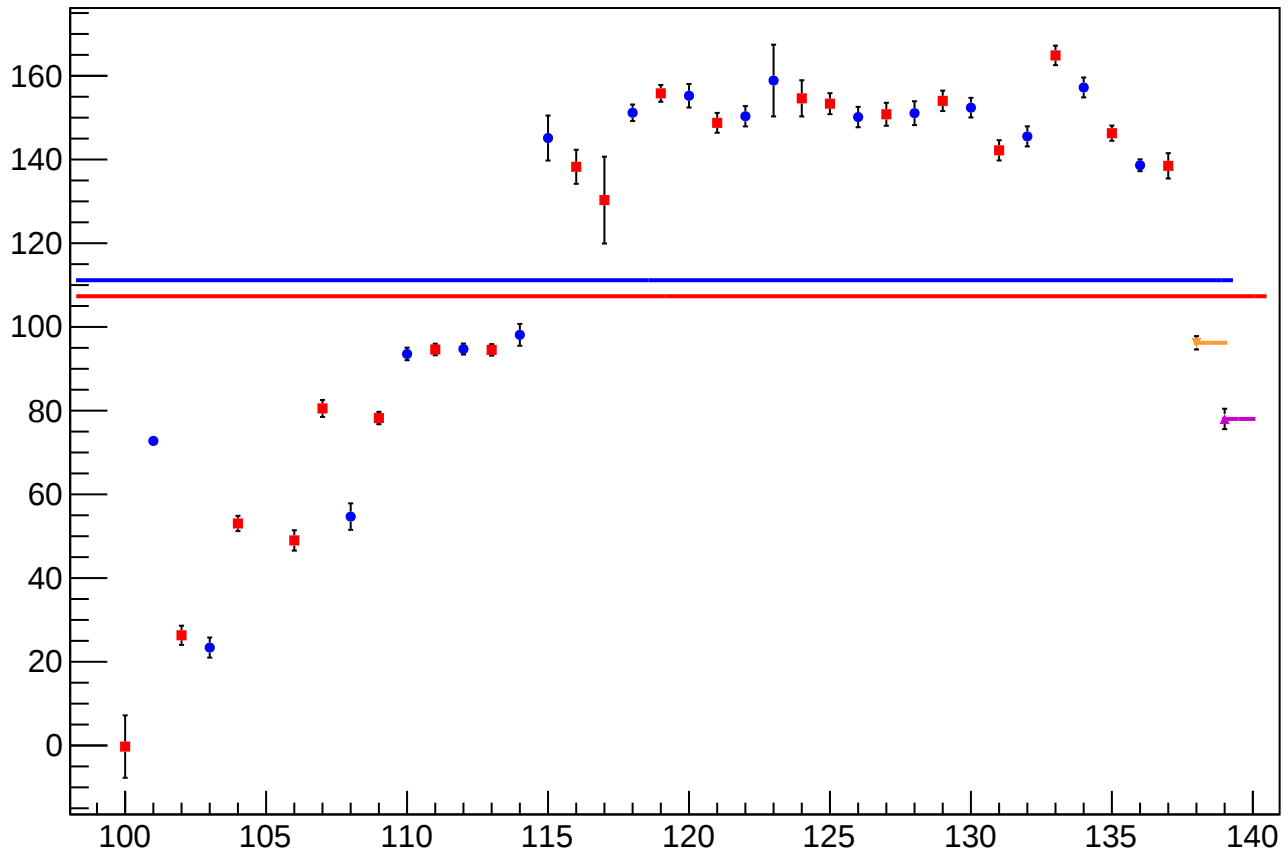
Right Out: -60.593 $\pm$ 0.704 χ^2 /NDF: 1390.7/19

Left In: -97.757 $\pm$ 1.511 χ^2 /NDF: 0.0/0

-58.767 $\pm$ 0.671 χ^2 /NDF: 1710.2/17

-67.214 $\pm$ 0.638 χ^2 /NDF: 1887.9/20

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 111.160+/-0.489 χ^2/NDF : 5877.6/16

Left Out: 96.209+/-1.603 χ^2/NDF : 0.0/0

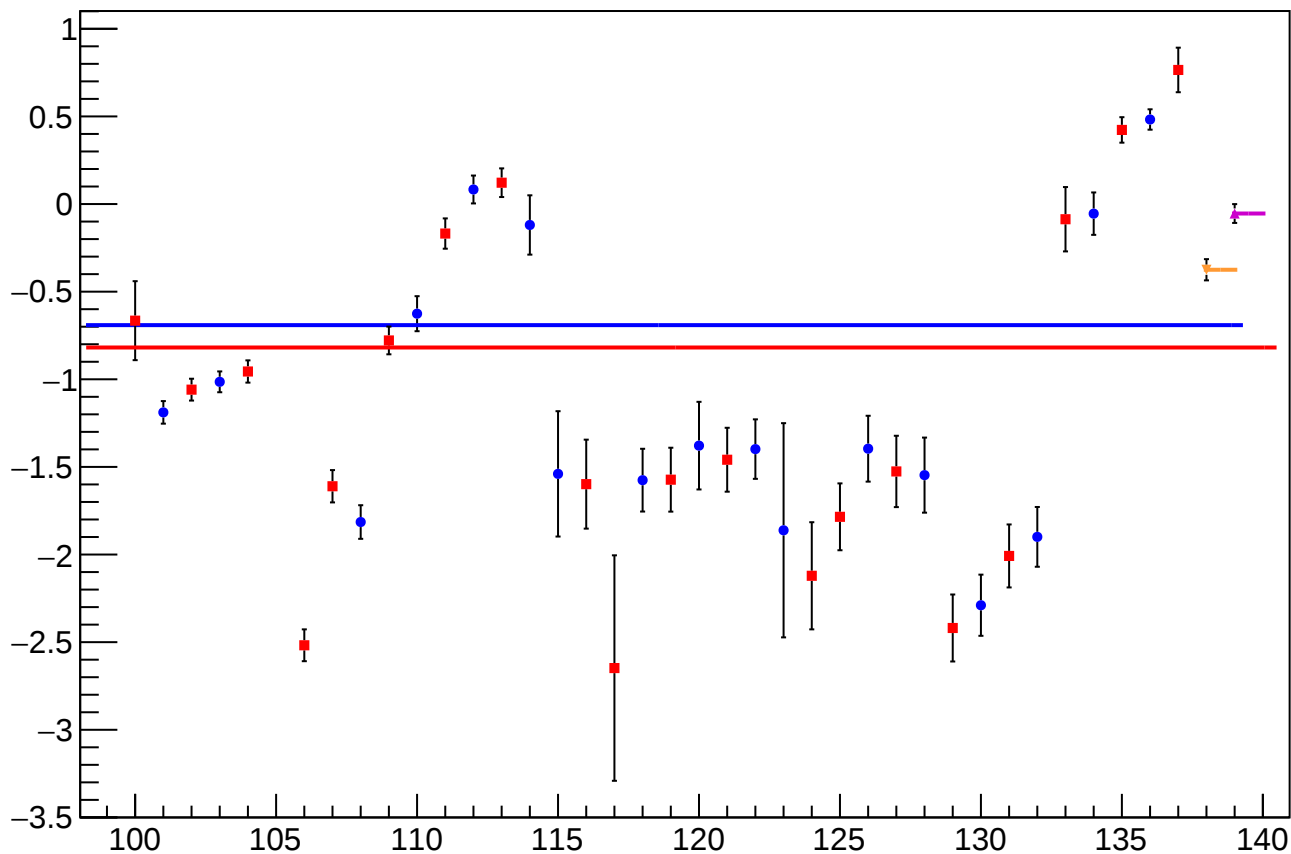
Right Out: 107.334+/-0.487 χ^2/NDF : 7060.0/19

Left In: 78.023+/-2.433 χ^2/NDF : 0.0/0

109.887+/-0.468 χ^2/NDF : 5957.2/17

106.205+/-0.478 χ^2/NDF : 7199.5/20

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.691 $\pm$ 0.026 χ^2 /NDF: 990.9/16

Left Out: -0.375 $\pm$ 0.061 χ^2 /NDF: 0.0/0

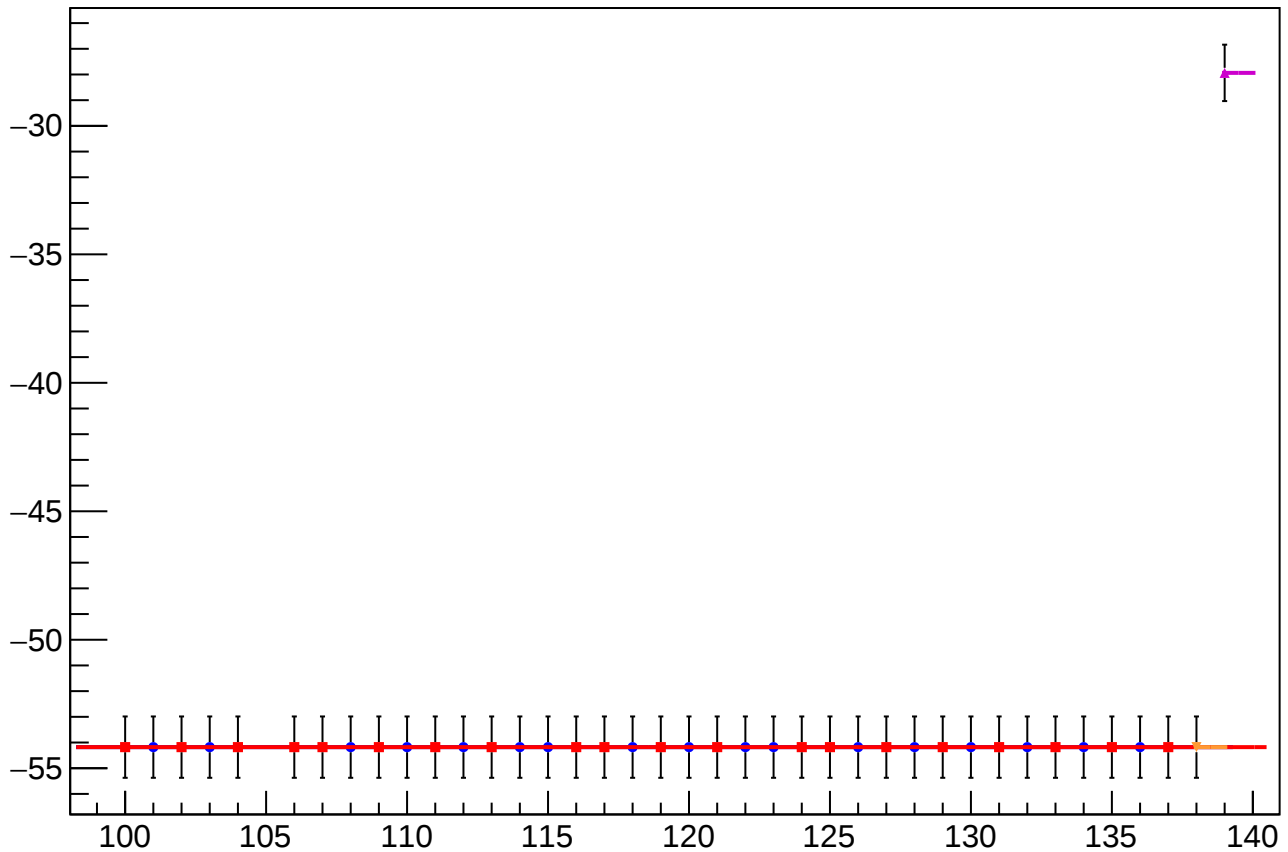
Right Out: -0.819 $\pm$ 0.024 χ^2 /NDF: 1312.5/19

Left In: -0.054 $\pm$ 0.054 χ^2 /NDF: 0.0/0

-0.642 $\pm$ 0.024 χ^2 /NDF: 1013.9/17

-0.688 $\pm$ 0.022 χ^2 /NDF: 1480.6/20

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



Right In: -54.179 $\pm$ 0.289 χ^2 /NDF: 0.0/16

Left Out: -54.179 $\pm$ 1.194 χ^2 /NDF: 0.0/0

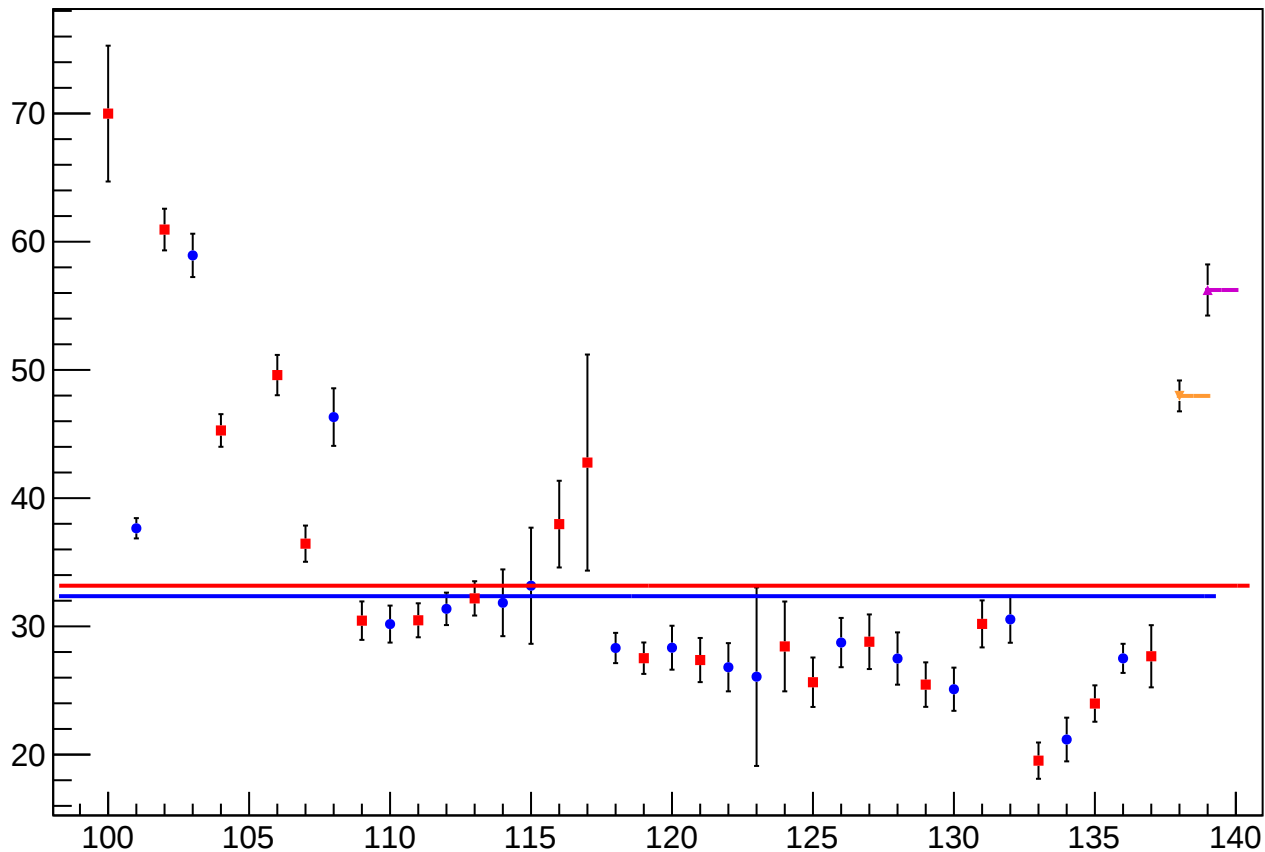
Right Out: -54.179 $\pm$ 0.267 χ^2 /NDF: 0.0/19

Left In: -27.937 $\pm$ 1.098 χ^2 /NDF: 0.0/0

-54.179 $\pm$ 0.281 χ^2 /NDF: 0.0/17

-52.715 $\pm$ 0.259 χ^2 /NDF: 539.6/20

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 32.355+/-0.375 χ^2/NDF : 450.5/16

Left Out: 47.974+/-1.204 χ^2/NDF : 0.0/0

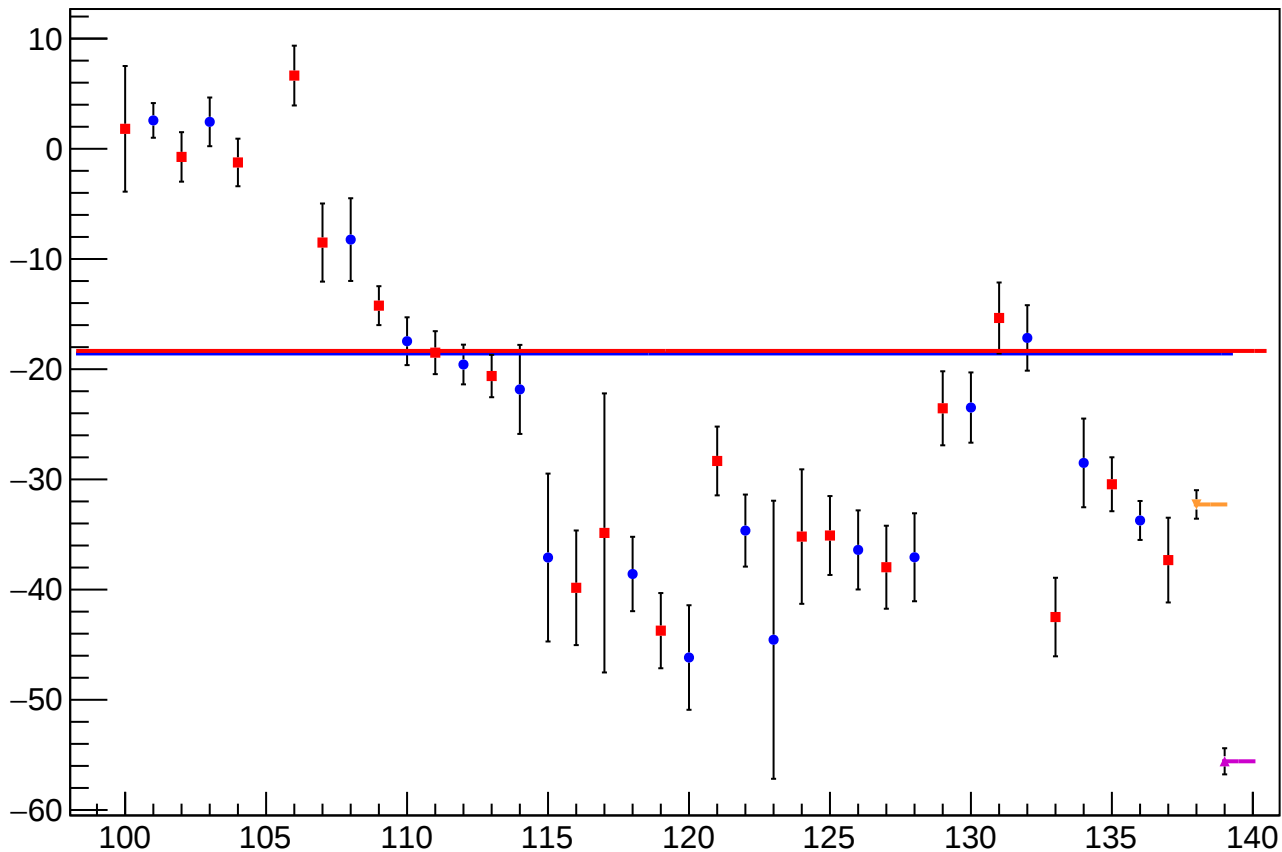
Right Out: 33.172+/-0.378 χ^2/NDF : 773.3/19

Left In: 56.235+/-1.994 χ^2/NDF : 0.0/0

33.738+/-0.358 χ^2/NDF : 603.8/17

33.974+/-0.372 χ^2/NDF : 902.4/20

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.572 ± 0.667 χ^2/NDF : 511.5/16

Left Out: -32.273 ± 1.294 χ^2/NDF : 0.0/0

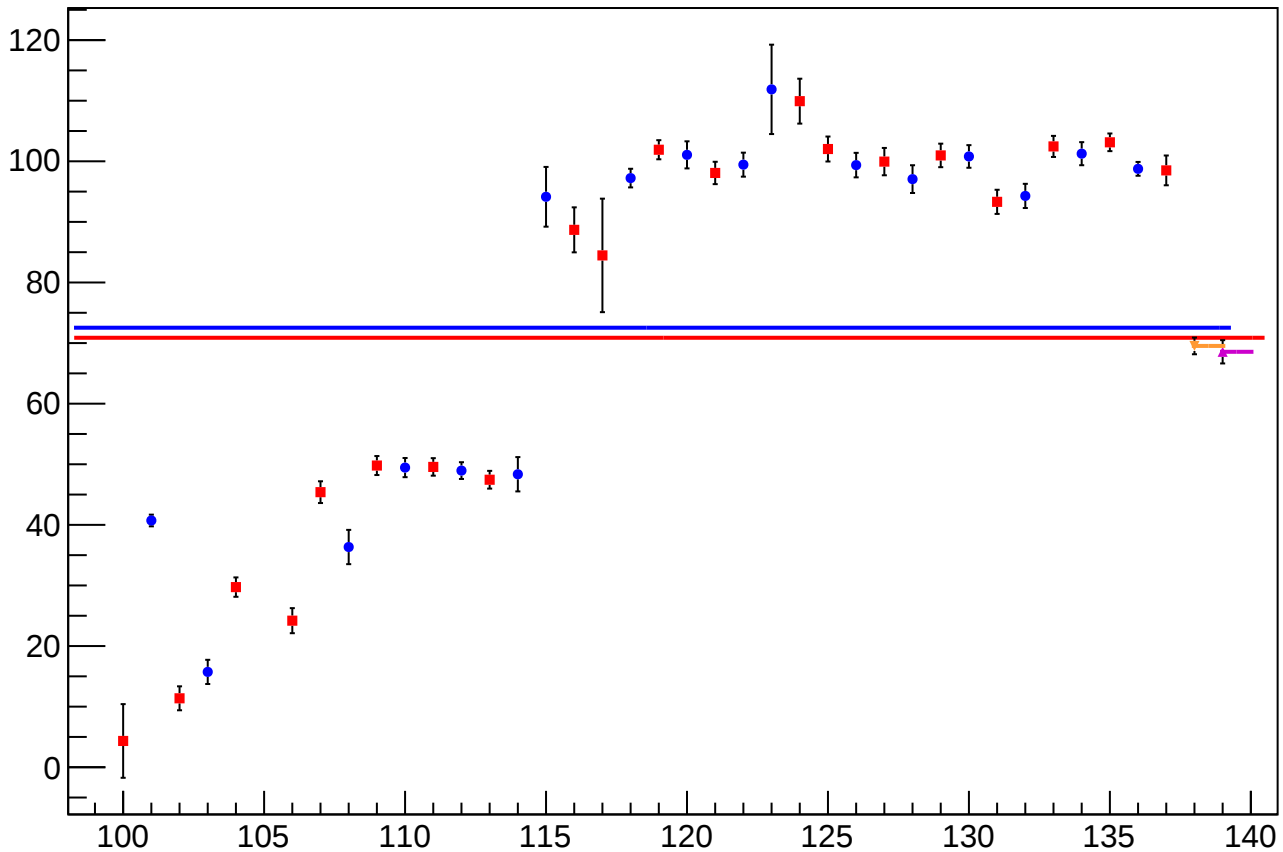
Right Out: -18.343 ± 0.643 χ^2/NDF : 475.1/19

Left In: -55.581 ± 1.187 χ^2/NDF : 0.0/0

-21.452 ± 0.593 χ^2/NDF : 600.1/17

-26.796 ± 0.565 χ^2/NDF : 1236.4/20

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.537+/-0.428 χ^2/NDF : 4684.1/16

Left Out: 69.530+/-1.376 χ^2/NDF : 0.0/0

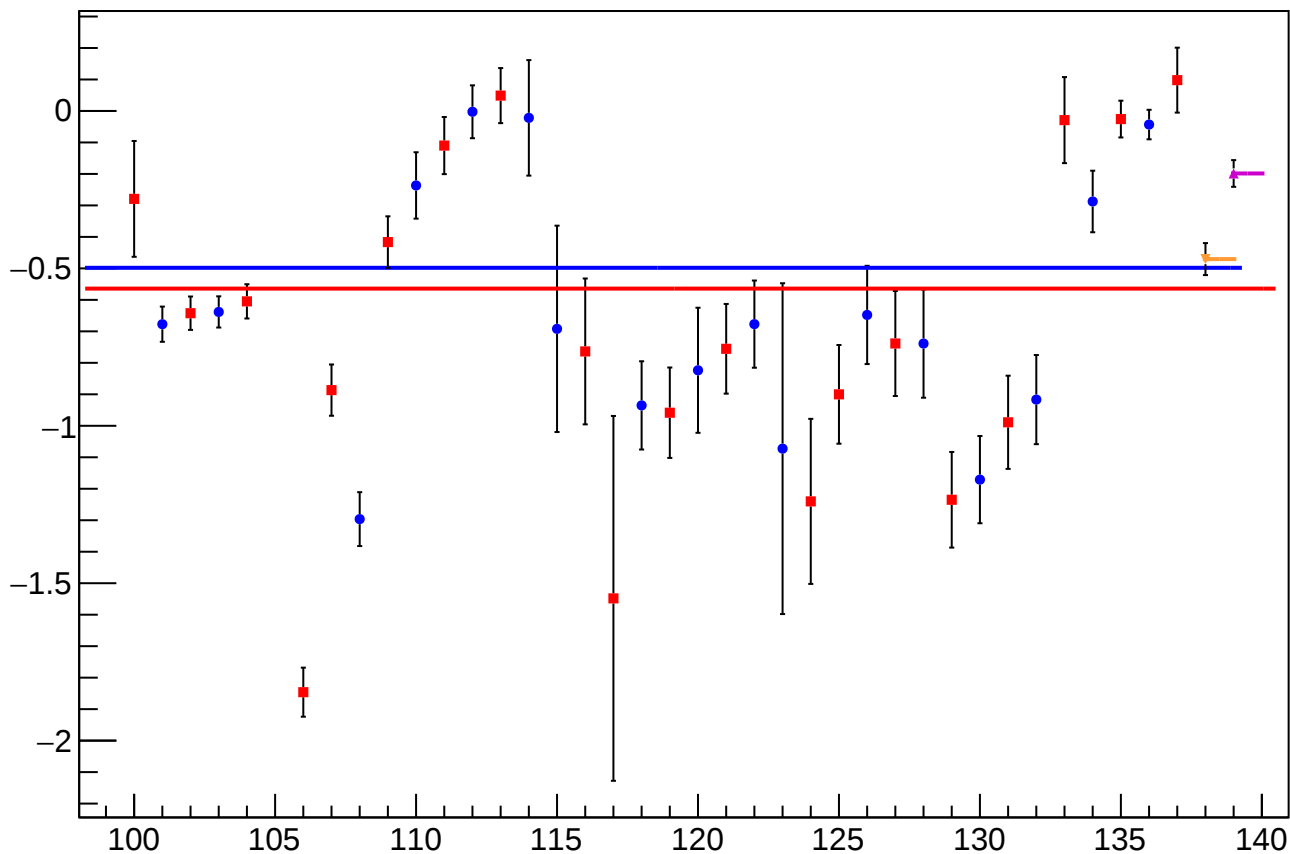
Right Out: 70.878+/-0.433 χ^2/NDF : 5502.3/19

Left In: 68.561+/-1.921 χ^2/NDF : 0.0/0

72.271+/-0.409 χ^2/NDF : 4688.5/17

70.766+/-0.422 χ^2/NDF : 5503.7/20

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.498 ± 0.022 χ^2/NDF : 302.8/16

Left Out: -0.471 ± 0.051 χ^2/NDF : 0.0/0

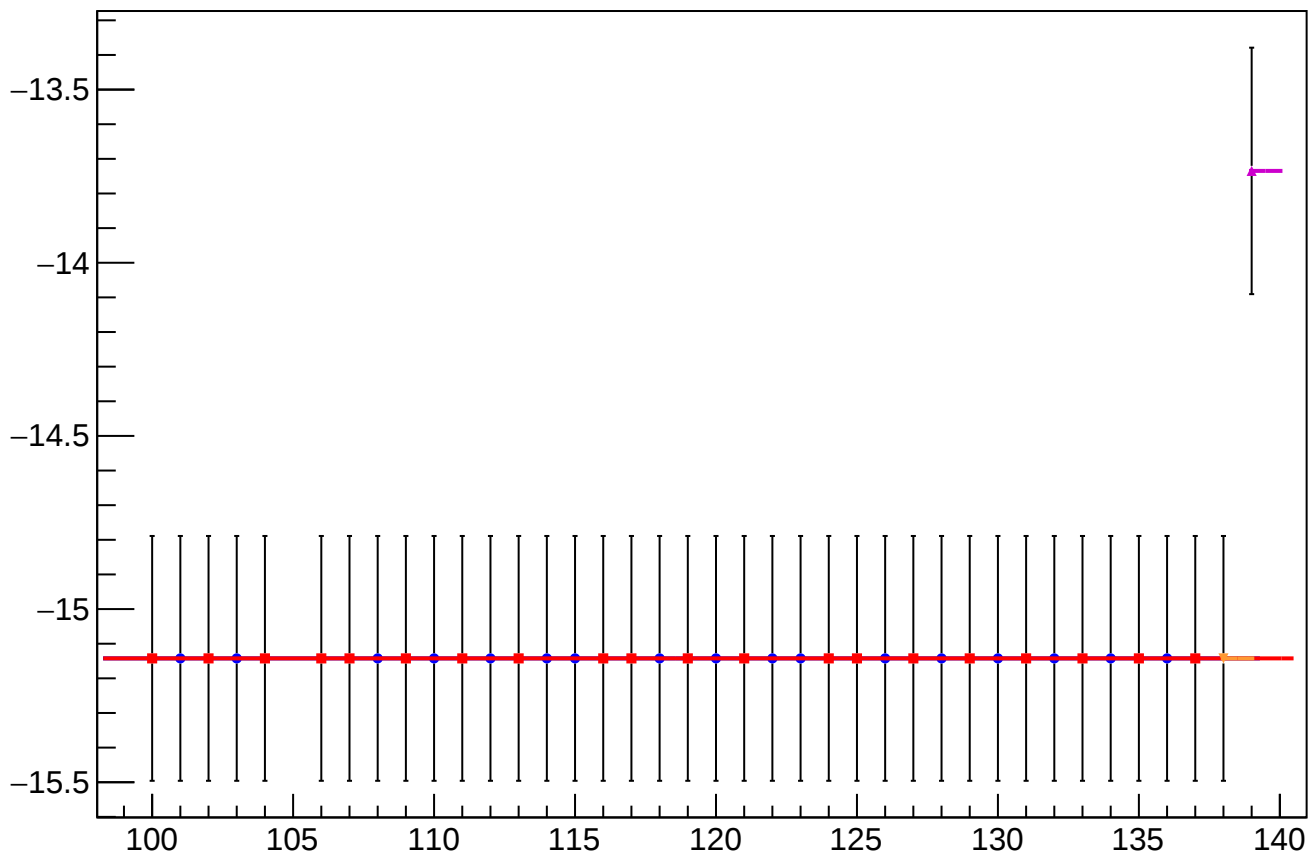
Right Out: -0.564 ± 0.021 χ^2/NDF : 563.6/19

Left In: -0.199 ± 0.042 χ^2/NDF : 0.0/0

-0.494 ± 0.020 χ^2/NDF : 303.0/17

-0.490 ± 0.019 χ^2/NDF : 622.9/20

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



Right In: -15.142 ± 0.086 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -15.142 ± 0.353 $\chi^2/\text{NDF}: 0.0/0$

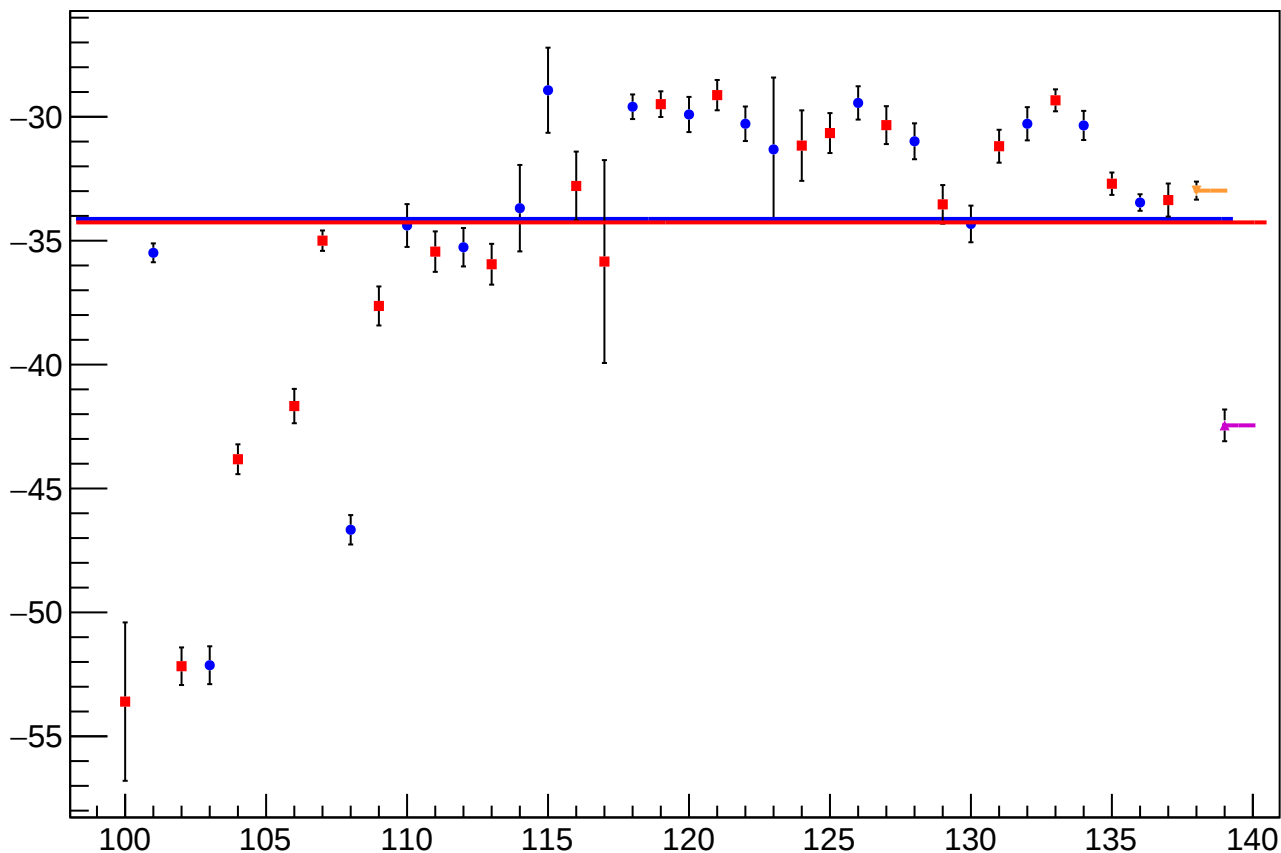
Right Out: -15.142 ± 0.079 $\chi^2/\text{NDF}: 0.0/19$

Left In: -13.735 ± 0.356 $\chi^2/\text{NDF}: 0.0/0$

-15.142 ± 0.083 $\chi^2/\text{NDF}: 0.0/17$

-15.076 ± 0.077 $\chi^2/\text{NDF}: 14.9/20$

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -34.122 ± 0.152 $\chi^2/\text{NDF}: 1322.4/16$

Left Out: -32.979 ± 0.364 $\chi^2/\text{NDF}: 0.0/0$

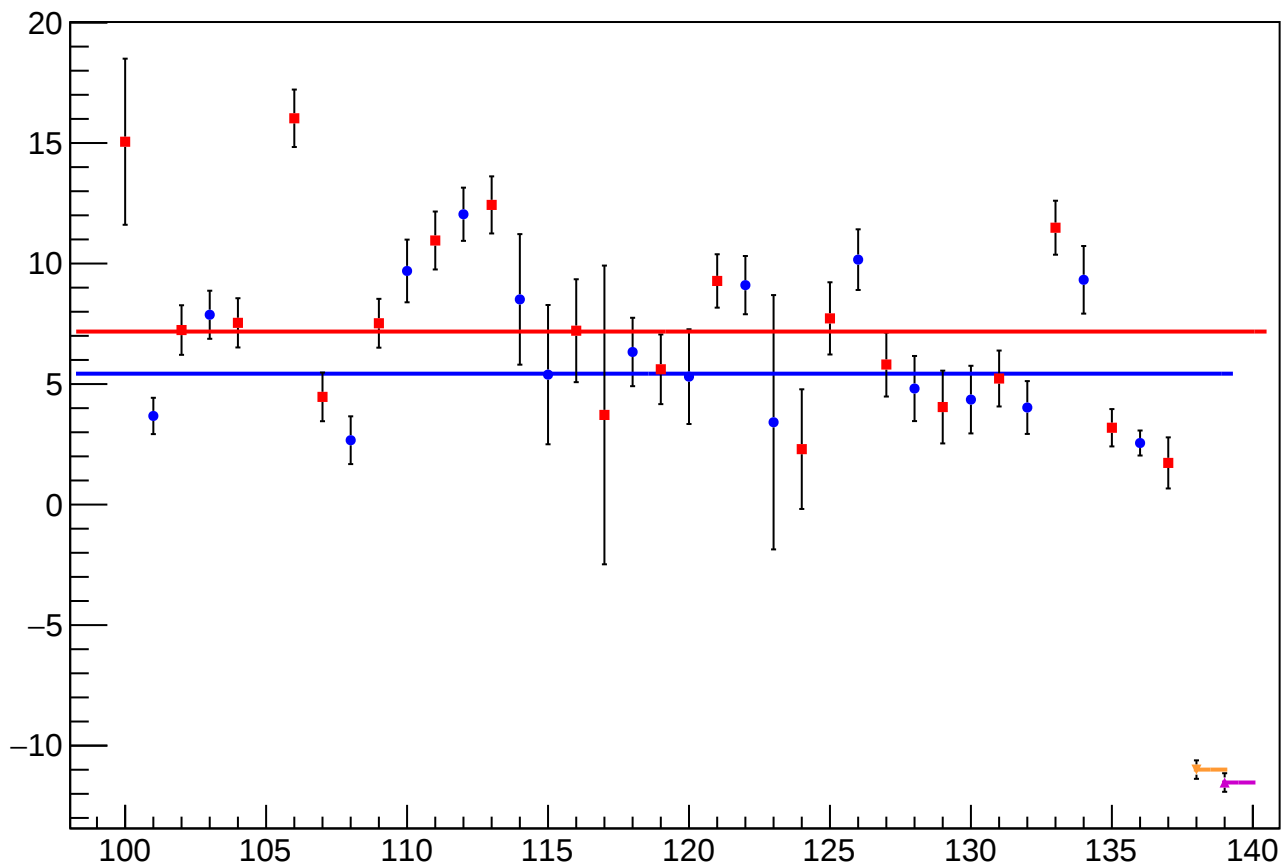
Right Out: -34.262 ± 0.151 $\chi^2/\text{NDF}: 1355.1/19$

Left In: -42.452 ± 0.640 $\chi^2/\text{NDF}: 0.0/0$

-33.952 ± 0.140 $\chi^2/\text{NDF}: 1330.8/17$

-34.692 ± 0.147 $\chi^2/\text{NDF}: 1510.2/20$

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 5.431 $\pm$ 0.270 χ^2 /NDF: 132.0/16

Left Out: -10.994 $\pm$ 0.383 χ^2 /NDF: 0.0/0

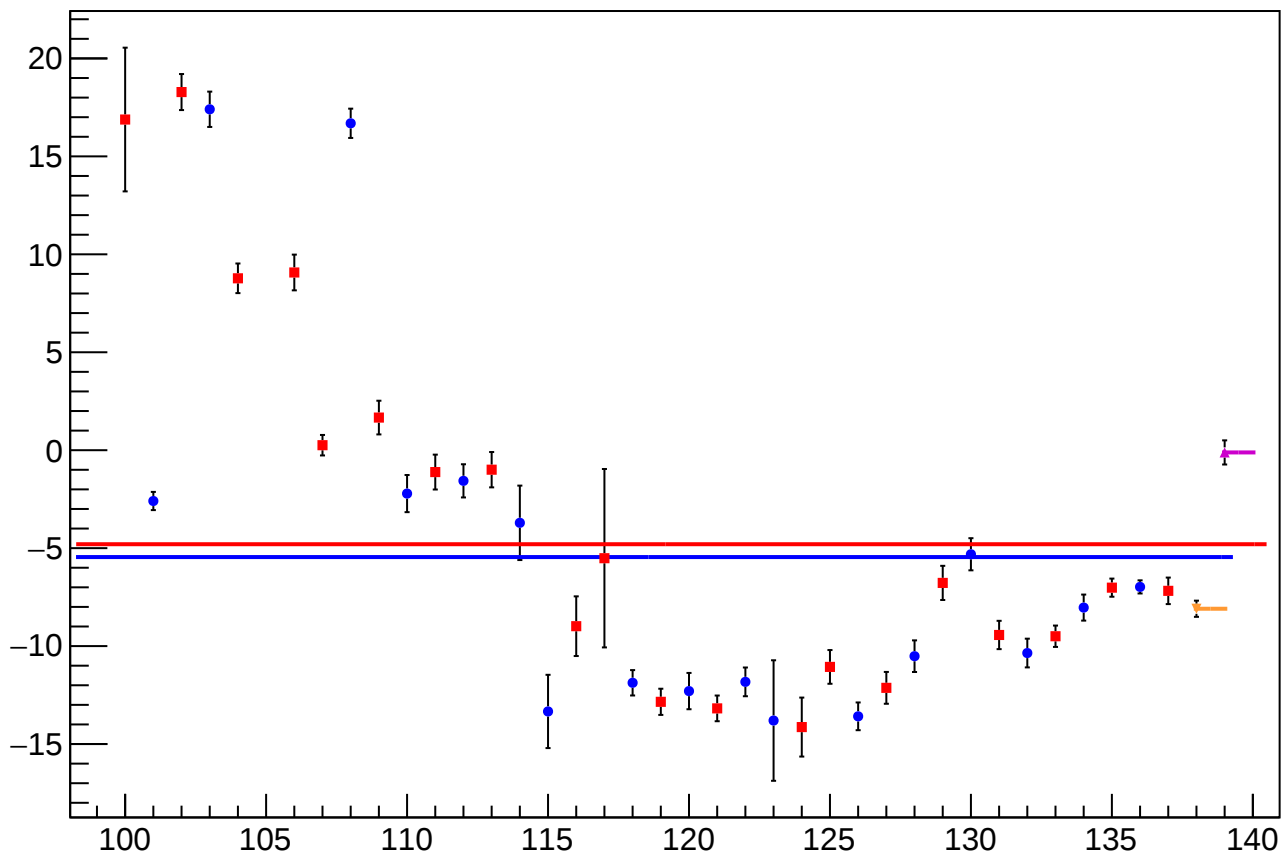
Right Out: 7.178 $\pm$ 0.274 χ^2 /NDF: 182.4/19

Left In: -11.530 $\pm$ 0.385 χ^2 /NDF: 0.0/0

-0.027 $\pm$ 0.221 χ^2 /NDF: 1358.1/17

0.888 $\pm$ 0.223 χ^2 /NDF: 1747.8/20

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -5.455+/-0.171 χ^2/NDF : 2096.5/16

Left Out: -8.093+/-0.413 χ^2/NDF : 0.0/0

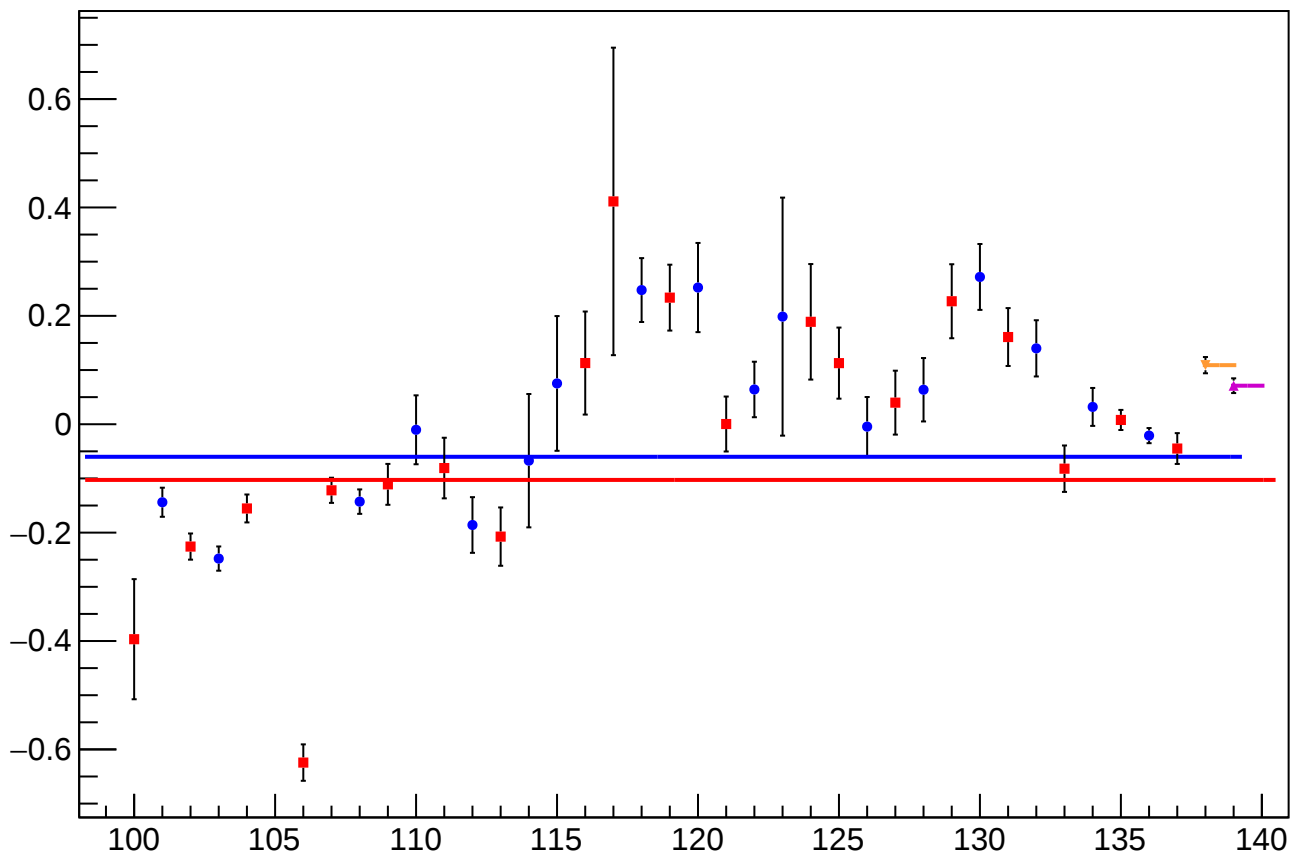
Right Out: -4.799+/-0.173 χ^2/NDF : 2047.5/19

Left In: -0.114+/-0.616 χ^2/NDF : 0.0/0

-5.840+/-0.158 χ^2/NDF : 2131.3/17

-4.458+/-0.166 χ^2/NDF : 2101.1/20

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.060 ± 0.008 χ^2/NDF : 215.5/16

Left Out: 0.109 ± 0.015 χ^2/NDF : 0.0/0

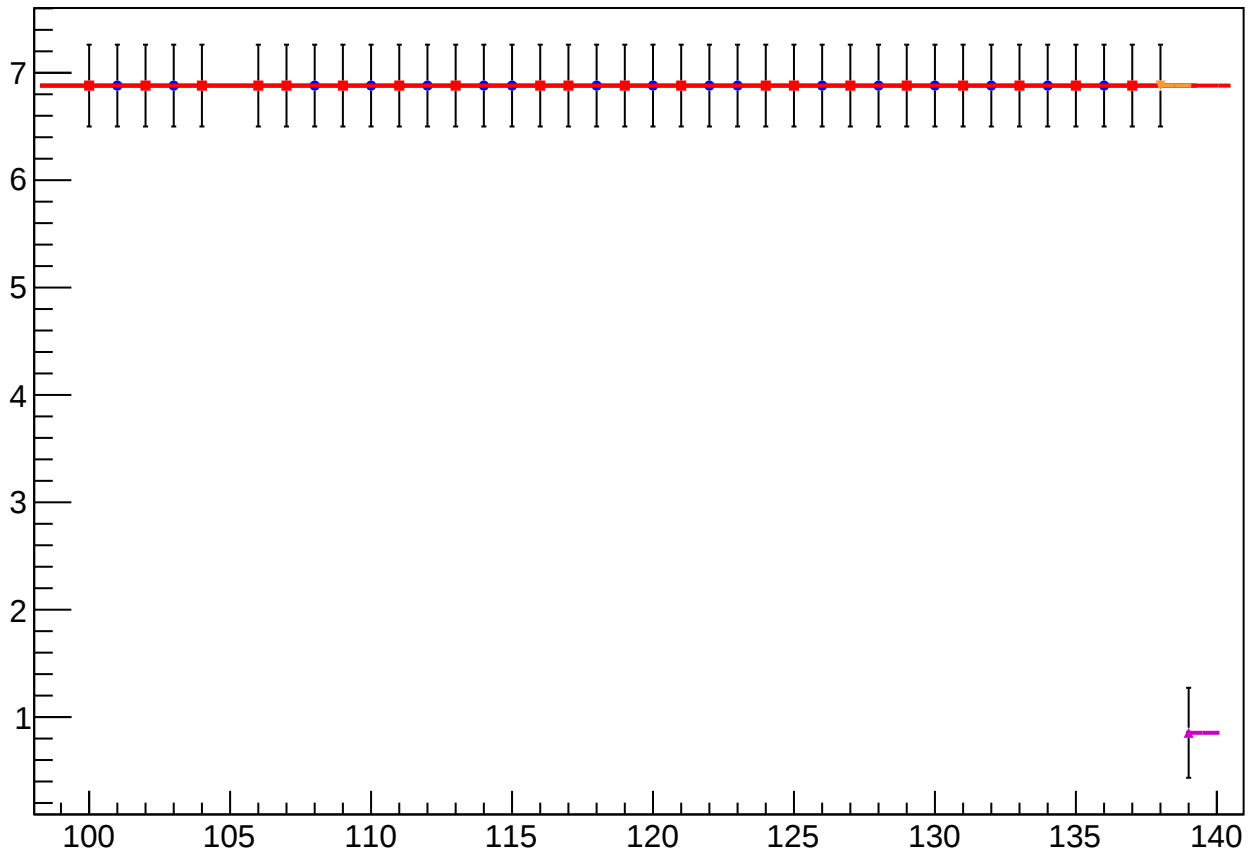
Right Out: -0.103 ± 0.008 χ^2/NDF : 437.6/19

Left In: 0.071 ± 0.014 χ^2/NDF : 0.0/0

-0.020 ± 0.007 χ^2/NDF : 312.2/17

-0.054 ± 0.007 χ^2/NDF : 555.8/20

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 6.881 $\pm$ 0.092 χ^2 /NDF: 0.0/16

Left Out: 6.881 $\pm$ 0.381 χ^2 /NDF: 0.0/0

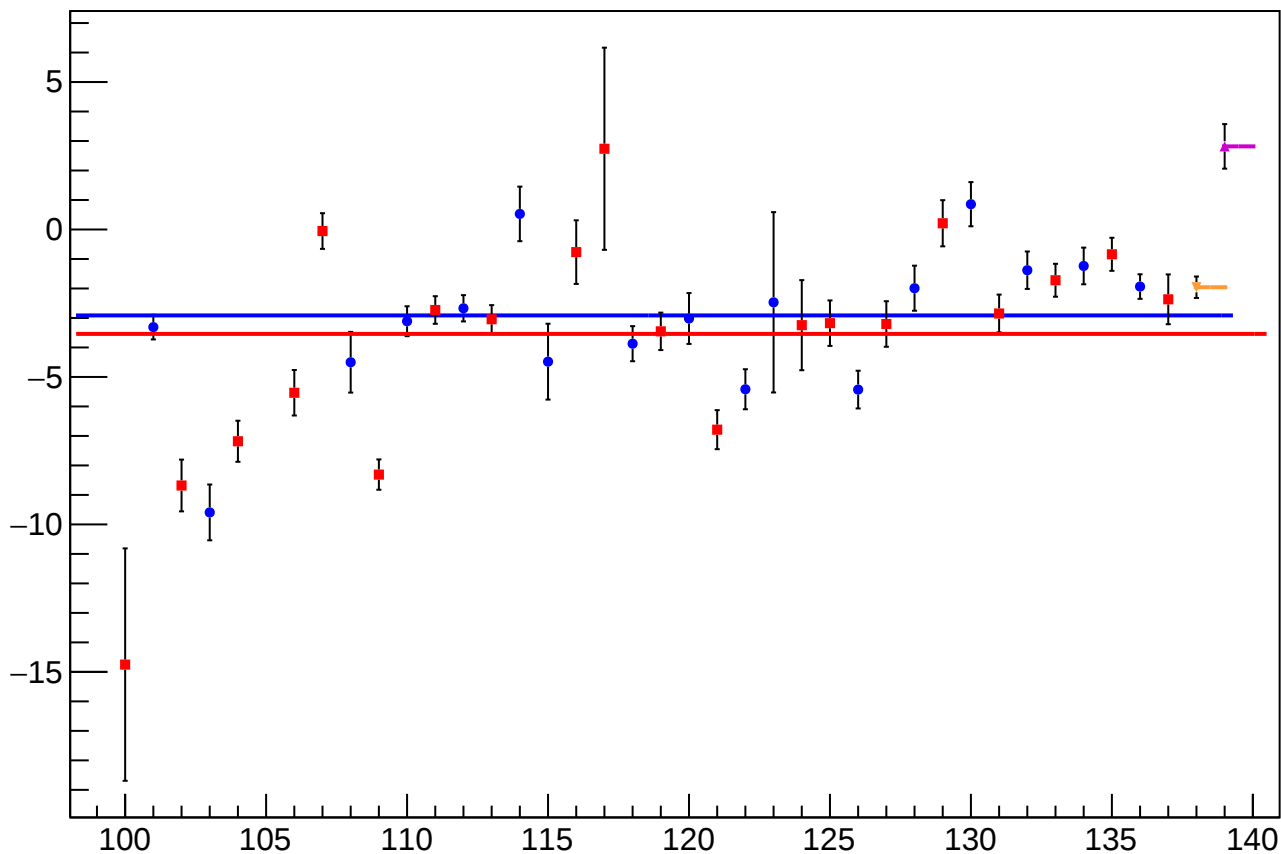
Right Out: 6.881 $\pm$ 0.085 χ^2 /NDF: 0.0/19

Left In: 0.854 $\pm$ 0.419 χ^2 /NDF: 0.0/0

6.881 $\pm$ 0.090 χ^2 /NDF: 0.0/17

6.642 $\pm$ 0.083 χ^2 /NDF: 198.7/20

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.914 ± 0.155 χ^2/NDF : 146.1/16

Left Out: -1.958 ± 0.363 χ^2/NDF : 0.0/0

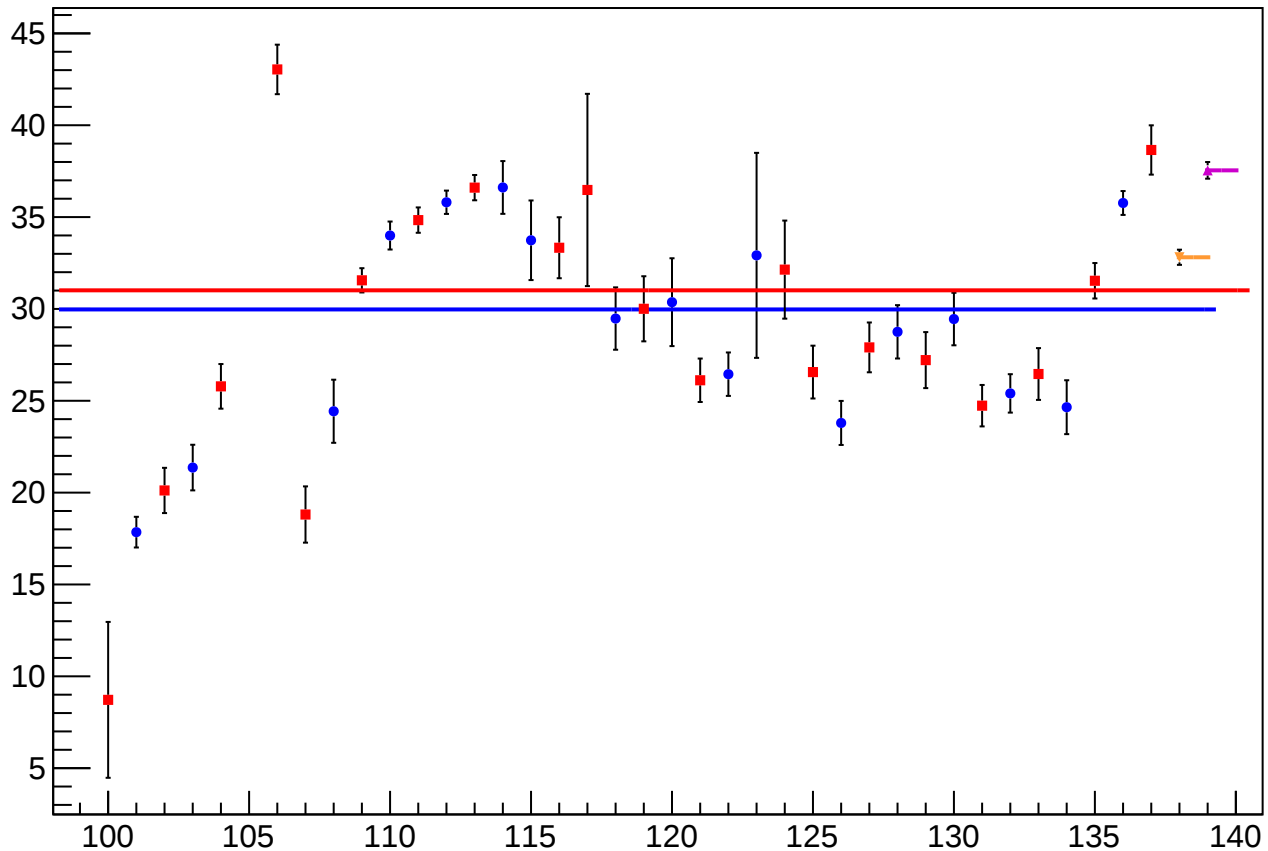
Right Out: -3.540 ± 0.154 χ^2/NDF : 294.2/19

Left In: 2.818 ± 0.755 χ^2/NDF : 0.0/0

-2.767 ± 0.142 χ^2/NDF : 151.9/17

-3.285 ± 0.151 χ^2/NDF : 362.2/20

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 29.972 ± 0.267 $\chi^2/\text{NDF}: 554.3/16$

Left Out: 32.812 ± 0.413 $\chi^2/\text{NDF}: 0.0/0$

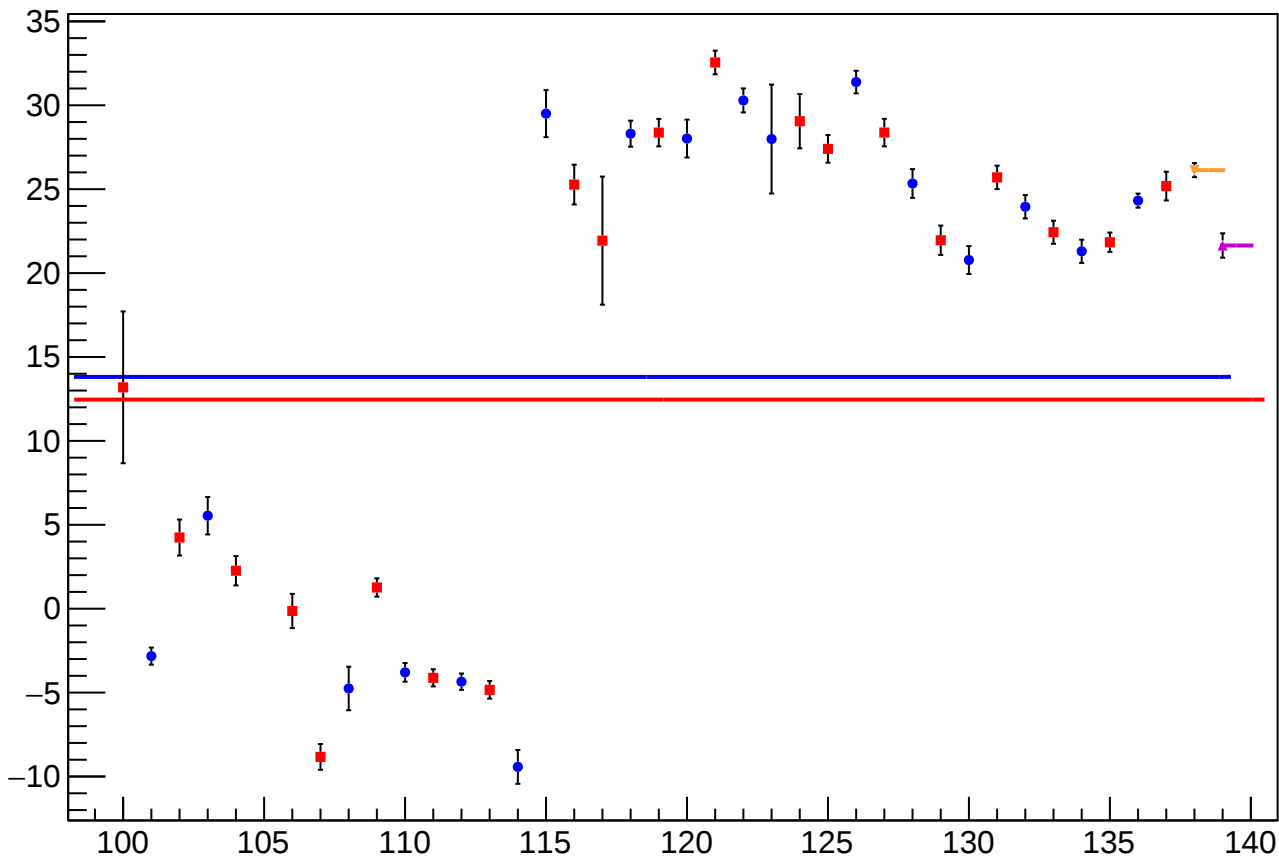
Right Out: 31.013 ± 0.260 $\chi^2/\text{NDF}: 480.6/19$

Left In: 37.544 ± 0.454 $\chi^2/\text{NDF}: 0.0/0$

30.811 ± 0.224 $\chi^2/\text{NDF}: 587.7/17$

32.626 ± 0.225 $\chi^2/\text{NDF}: 636.7/20$

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 13.813+/-0.173 χ^2 /NDF: 7318.6/16

Left Out: 26.135+/-0.421 χ^2 /NDF:0.0/0

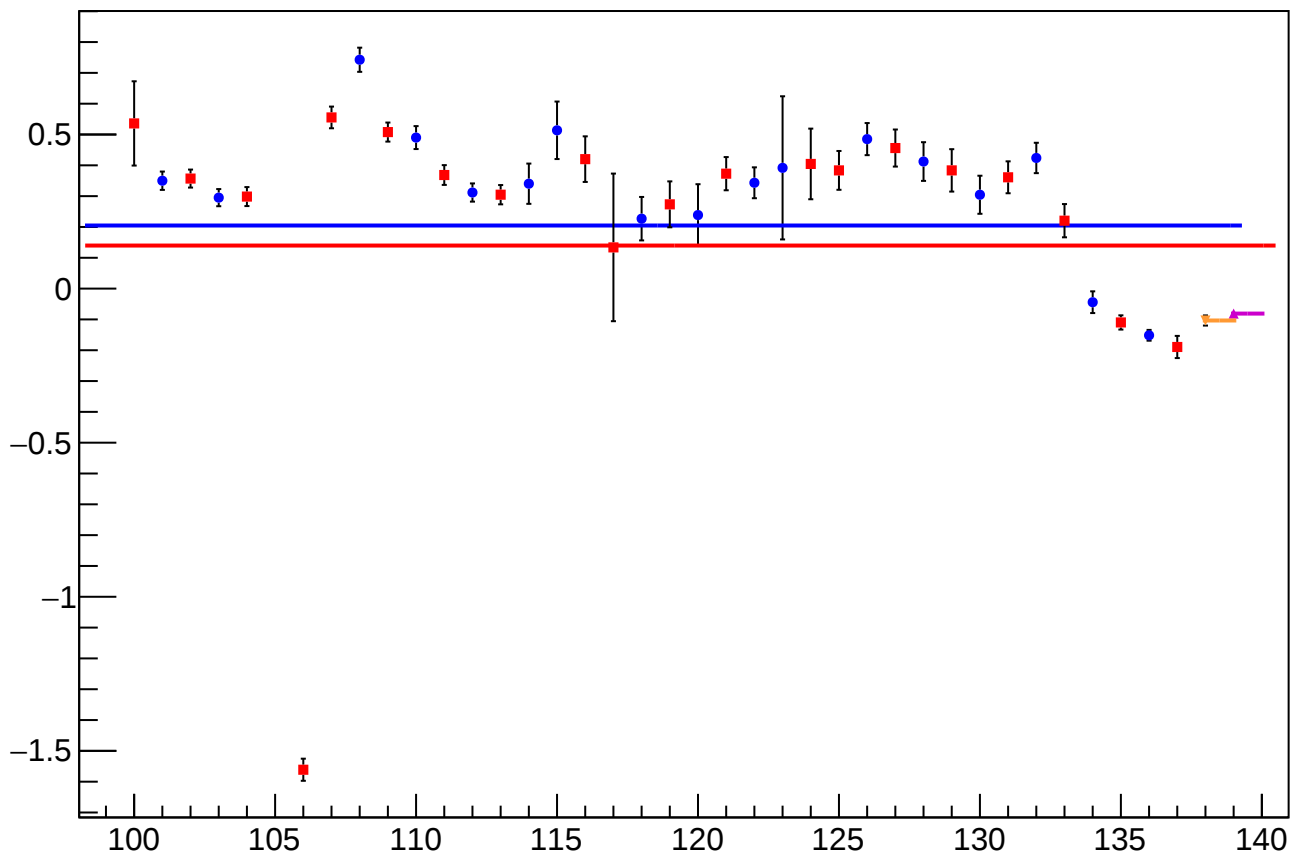
Right Out: 12.460+/-0.174 χ^2 /NDF: 6976.5/19

Left In: 21.642+/-0.727 χ^2 /NDF:0.0/0

15.586+/-0.160 χ^2 /NDF: 8051.3/17

12.955+/-0.169 χ^2 /NDF: 7127.3/20

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.205 $\pm$ 0.009 χ^2 /NDF: 845.8/16

Left Out: -0.103 $\pm$ 0.016 χ^2 /NDF: 0.0/0

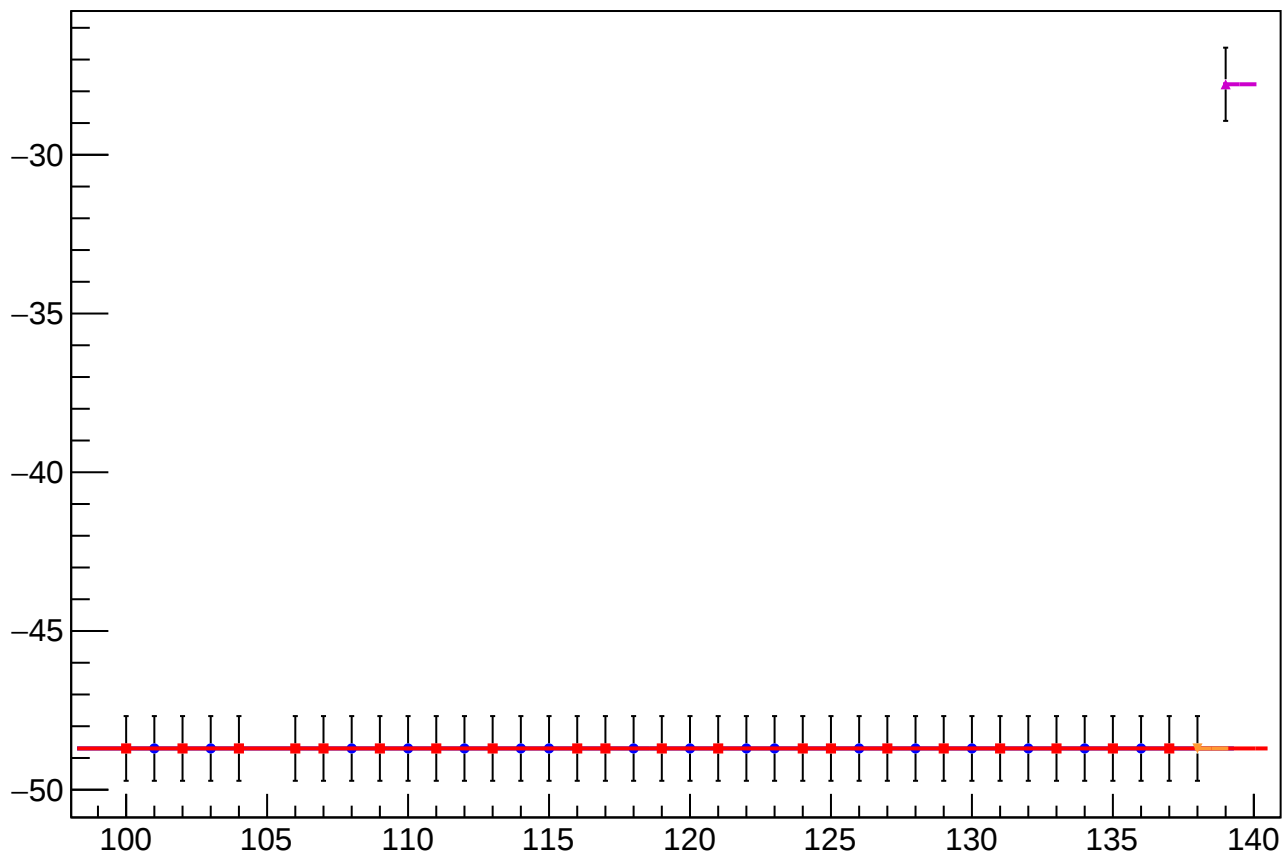
Right Out: 0.140 $\pm$ 0.009 χ^2 /NDF: 3014.2/19

Left In: -0.081 $\pm$ 0.016 χ^2 /NDF: 0.0/0

0.129 $\pm$ 0.008 χ^2 /NDF: 1110.9/17

0.085 $\pm$ 0.008 χ^2 /NDF: 3156.8/20

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



Right In: -48.699 $\pm$ 0.247 χ^2 /NDF: 0.0/16

Left Out: -48.699 $\pm$ 1.019 χ^2 /NDF: 0.0/0

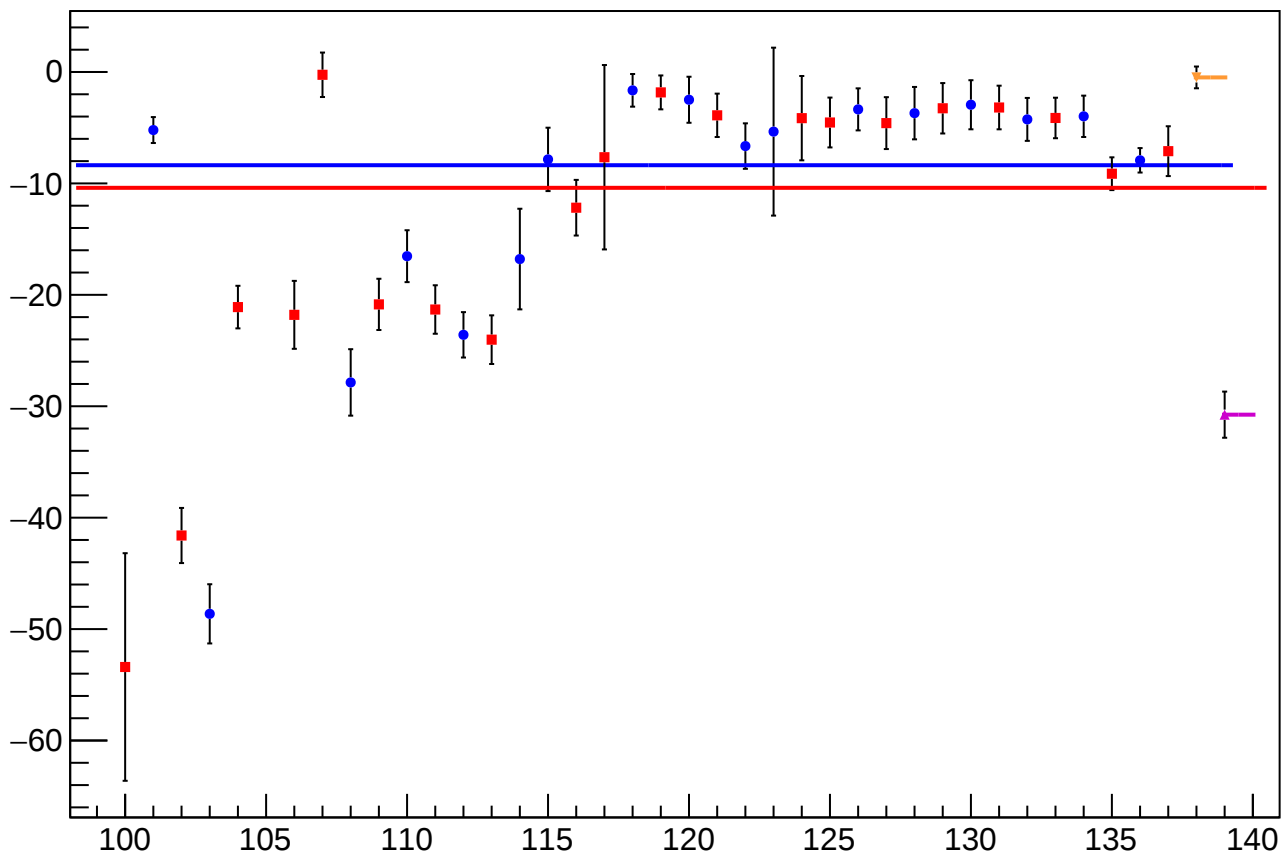
Right Out: -48.699 $\pm$ 0.228 χ^2 /NDF: 0.0/19

Left In: -27.779 $\pm$ 1.153 χ^2 /NDF: 0.0/0

-48.699 $\pm$ 0.240 χ^2 /NDF: 0.0/17

-47.913 $\pm$ 0.224 χ^2 /NDF: 316.8/20

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -8.367+/-0.466 χ^2 /NDF: 408.8/16

Left Out: -0.487+/-0.977 χ^2 /NDF: 0.0/0

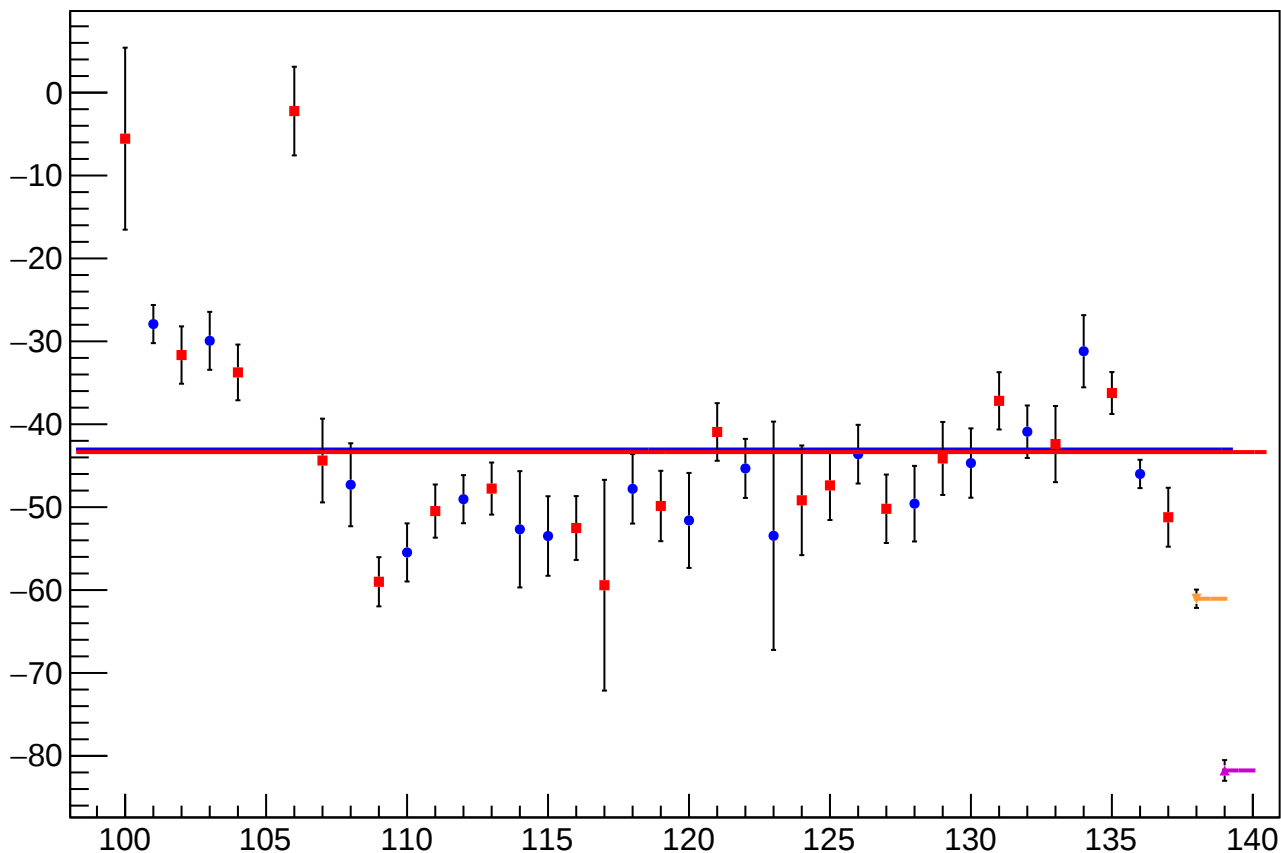
Right Out: -10.396+/-0.490 χ^2 /NDF: 430.4/19

Left In: -30.756+/-2.071 χ^2 /NDF: 0.0/0

-6.906+/-0.421 χ^2 /NDF: 461.8/17

-11.476+/-0.477 χ^2 /NDF: 522.0/20

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -43.047 ± 0.837 $\chi^2/\text{NDF}: 99.0/16$

Left Out: -61.048 ± 1.105 $\chi^2/\text{NDF}: 0.0/0$

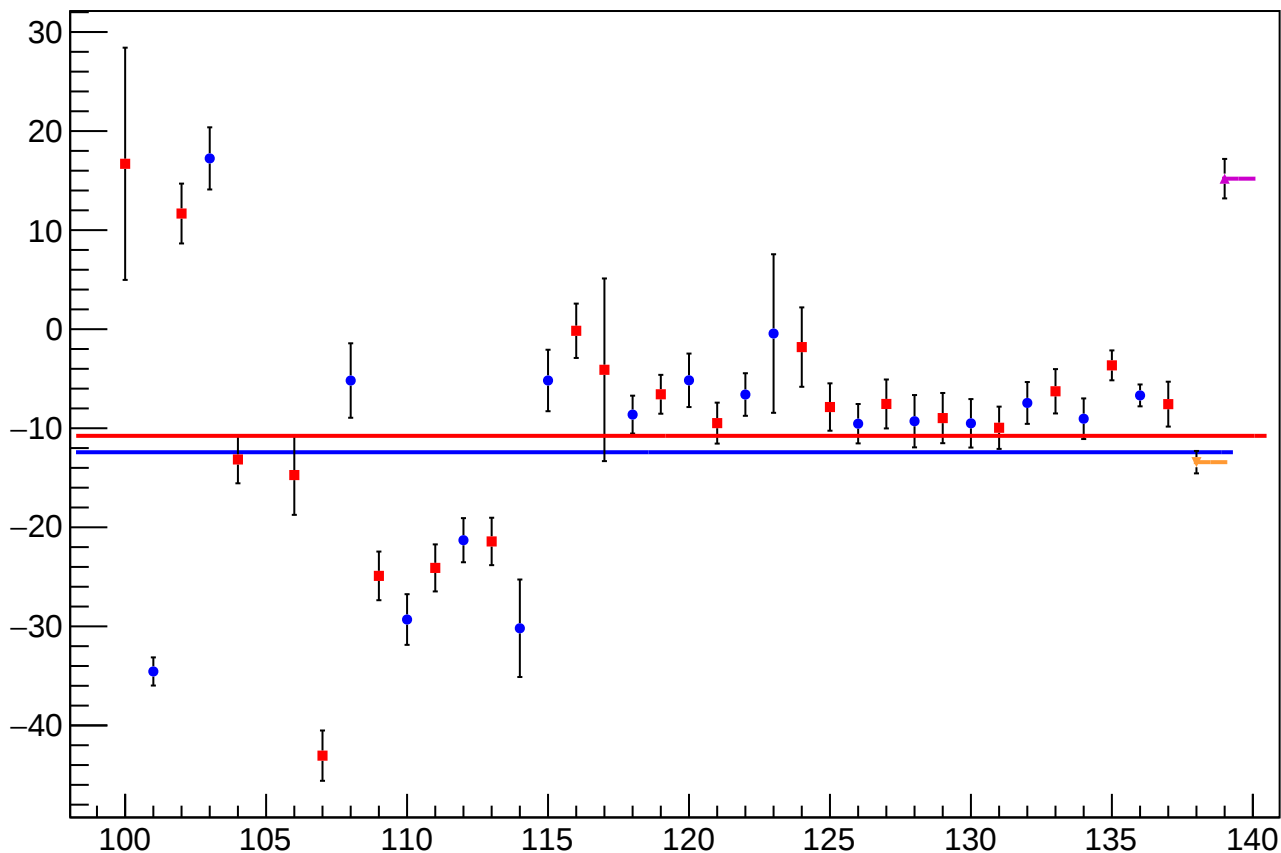
Right Out: -43.357 ± 0.865 $\chi^2/\text{NDF}: 156.0/19$

Left In: -81.757 ± 1.249 $\chi^2/\text{NDF}: 0.0/0$

-49.616 ± 0.667 $\chi^2/\text{NDF}: 267.7/17$

-55.808 ± 0.711 $\chi^2/\text{NDF}: 794.8/20$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -12.421 ± 0.523 χ^2/NDF : 474.4/16

Left Out: -13.424 ± 1.132 χ^2/NDF : 0.0/0

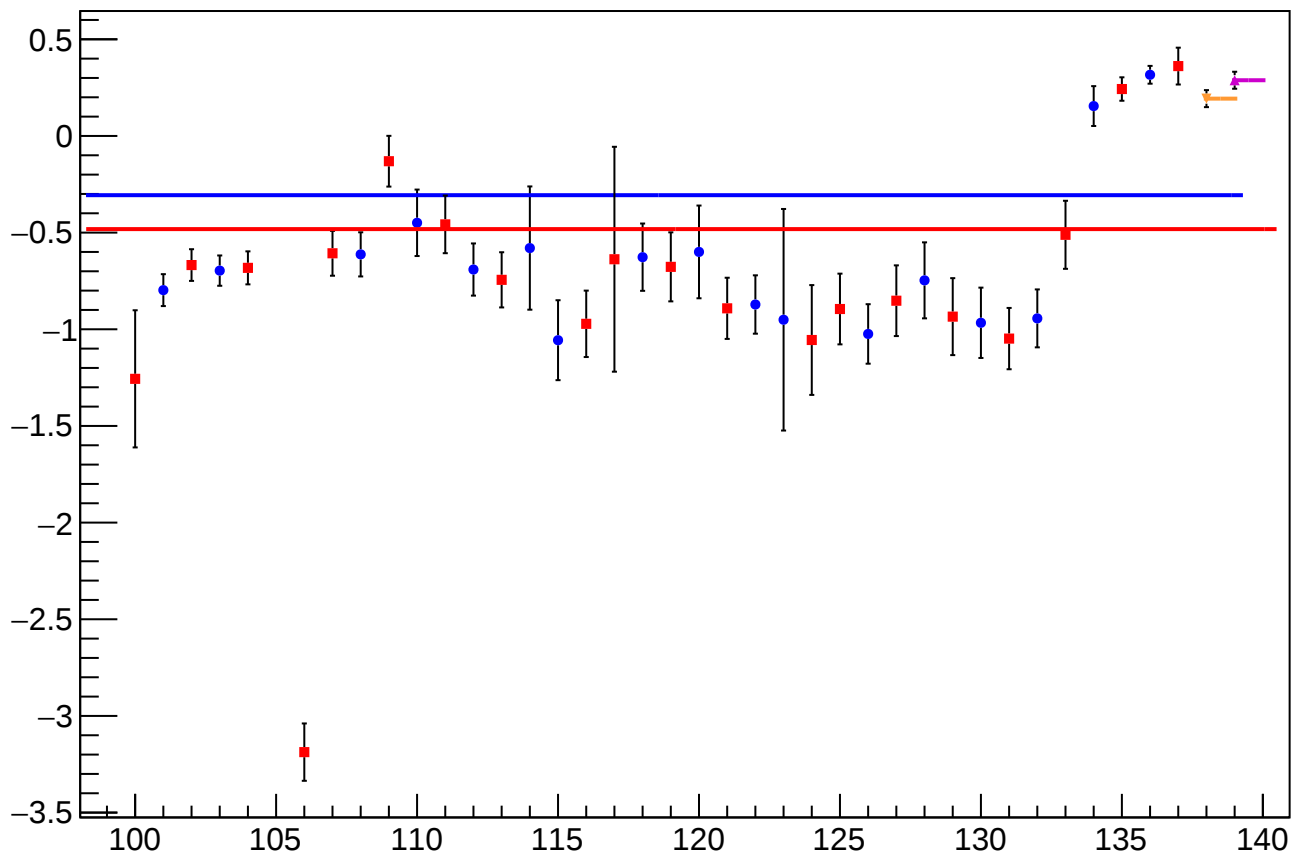
Right Out: -10.766 ± 0.553 χ^2/NDF : 366.3/19

Left In: 15.196 ± 1.993 χ^2/NDF : 0.0/0

-12.598 ± 0.475 χ^2/NDF : 475.0/17

-8.912 ± 0.533 χ^2/NDF : 523.9/20

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.306 ± 0.028 χ^2/NDF : 371.7/16

Left Out: 0.193 ± 0.044 χ^2/NDF : 0.0/0

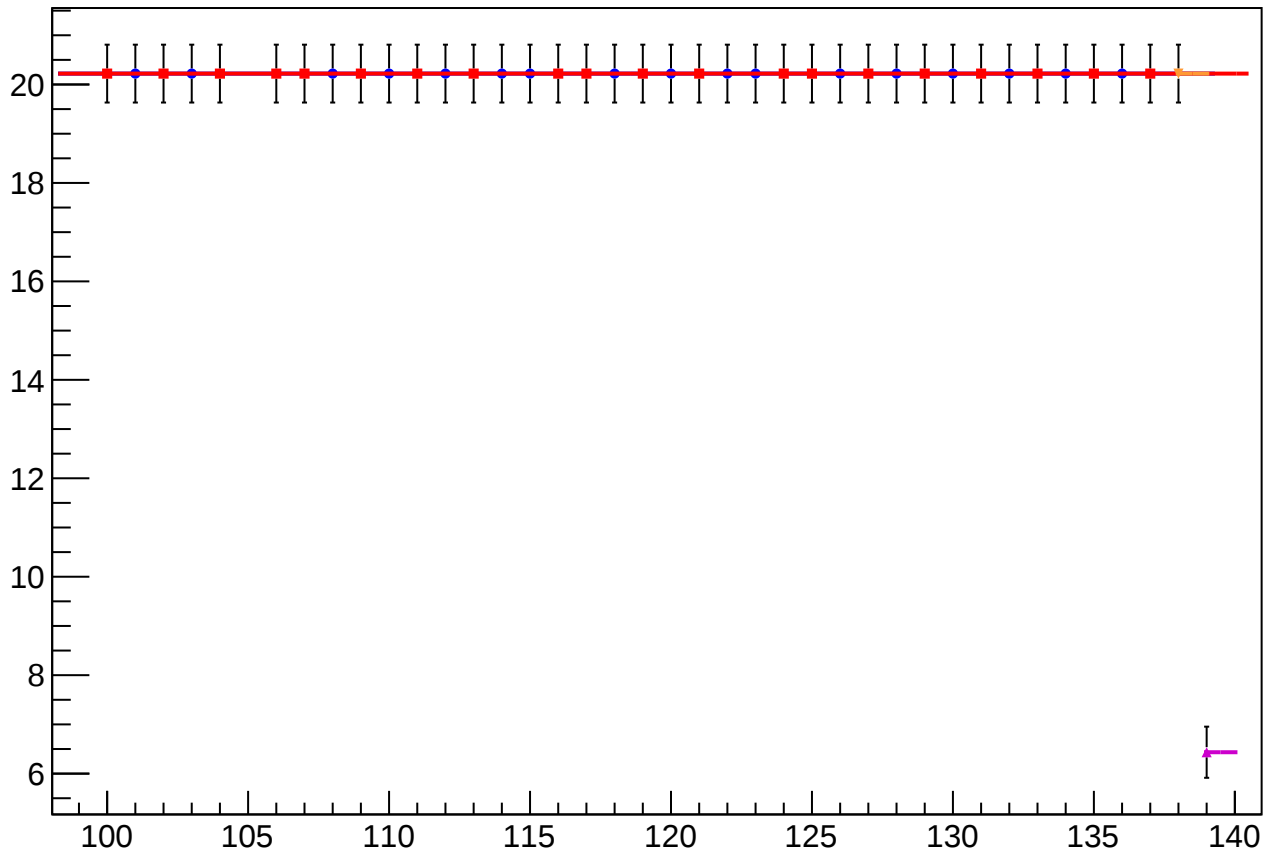
Right Out: -0.482 ± 0.029 χ^2/NDF : 628.3/19

Left In: 0.288 ± 0.044 χ^2/NDF : 0.0/0

-0.166 ± 0.023 χ^2/NDF : 464.2/17

-0.253 ± 0.024 χ^2/NDF : 844.1/20

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 20.221 $\pm$ 0.143 χ^2 /NDF: 0.0/16

Left Out: 20.221 $\pm$ 0.588 χ^2 /NDF:0.0/0

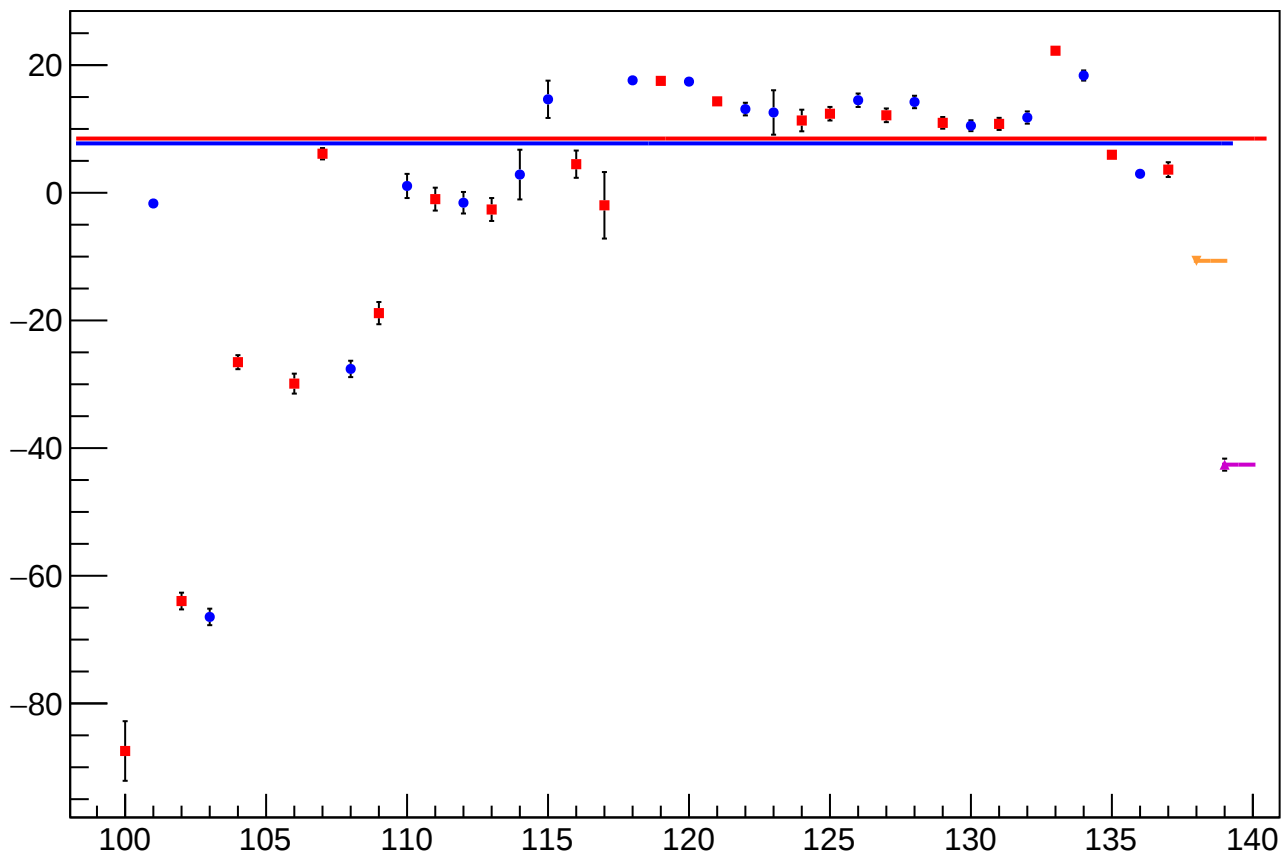
Right Out: 20.221 $\pm$ 0.131 χ^2 /NDF: 0.0/19

Left In: 6.435 $\pm$ 0.519 χ^2 /NDF:0.0/0

20.221 $\pm$ 0.139 χ^2 /NDF: 0.0/17

19.392 $\pm$ 0.127 χ^2 /NDF: 661.9/20

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 7.737 ± 0.218 χ^2/NDF : 5300.6/16

Left Out: -10.659 ± 0.597 χ^2/NDF : 0.0/0

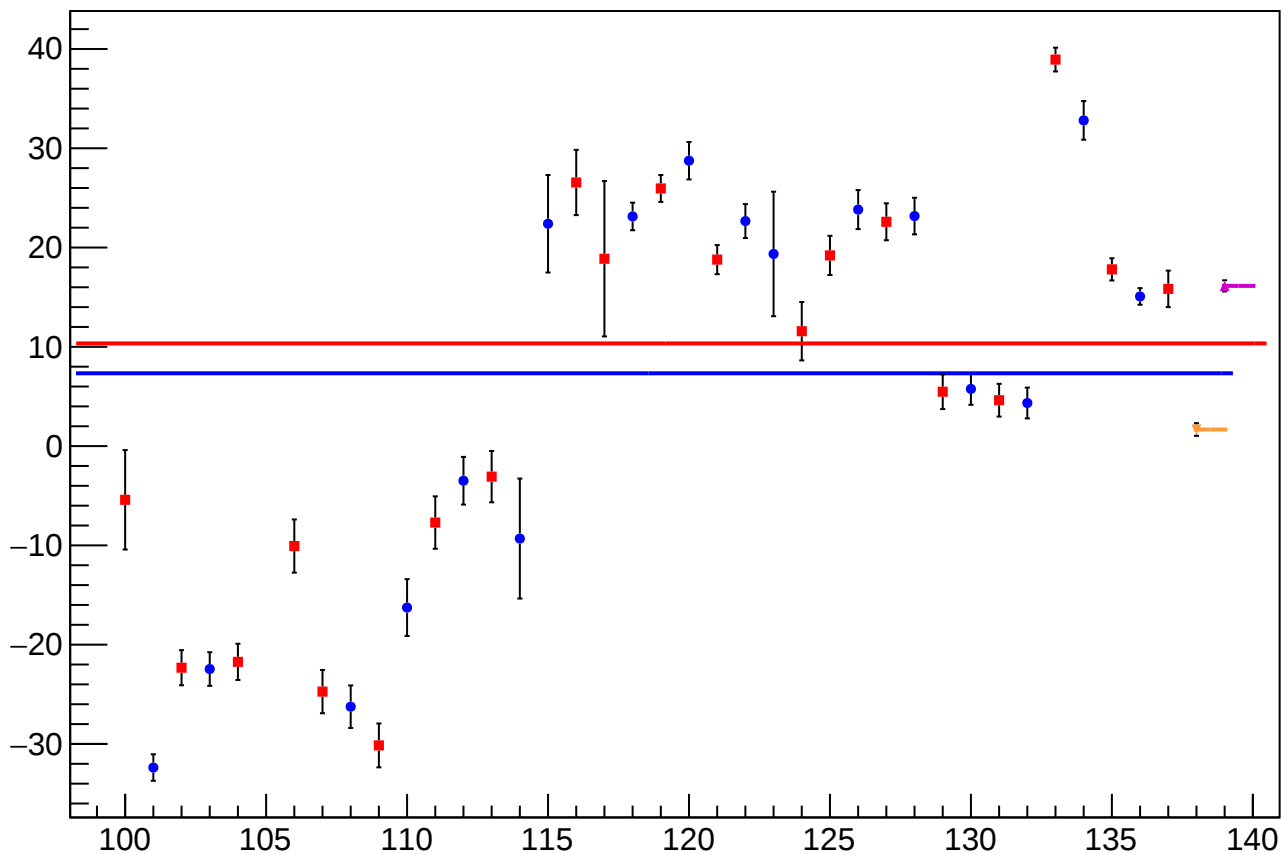
Right Out: 8.496 ± 0.213 χ^2/NDF : 6723.5/19

Left In: -42.591 ± 0.945 χ^2/NDF : 0.0/0

5.571 ± 0.205 χ^2/NDF : 6138.3/17

6.024 ± 0.208 χ^2/NDF : 9505.9/20

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 7.333 $\pm$ 0.419 χ^2 /NDF: 2293.1/16

Left Out: 1.670 $\pm$ 0.637 χ^2 /NDF: 0.0/0

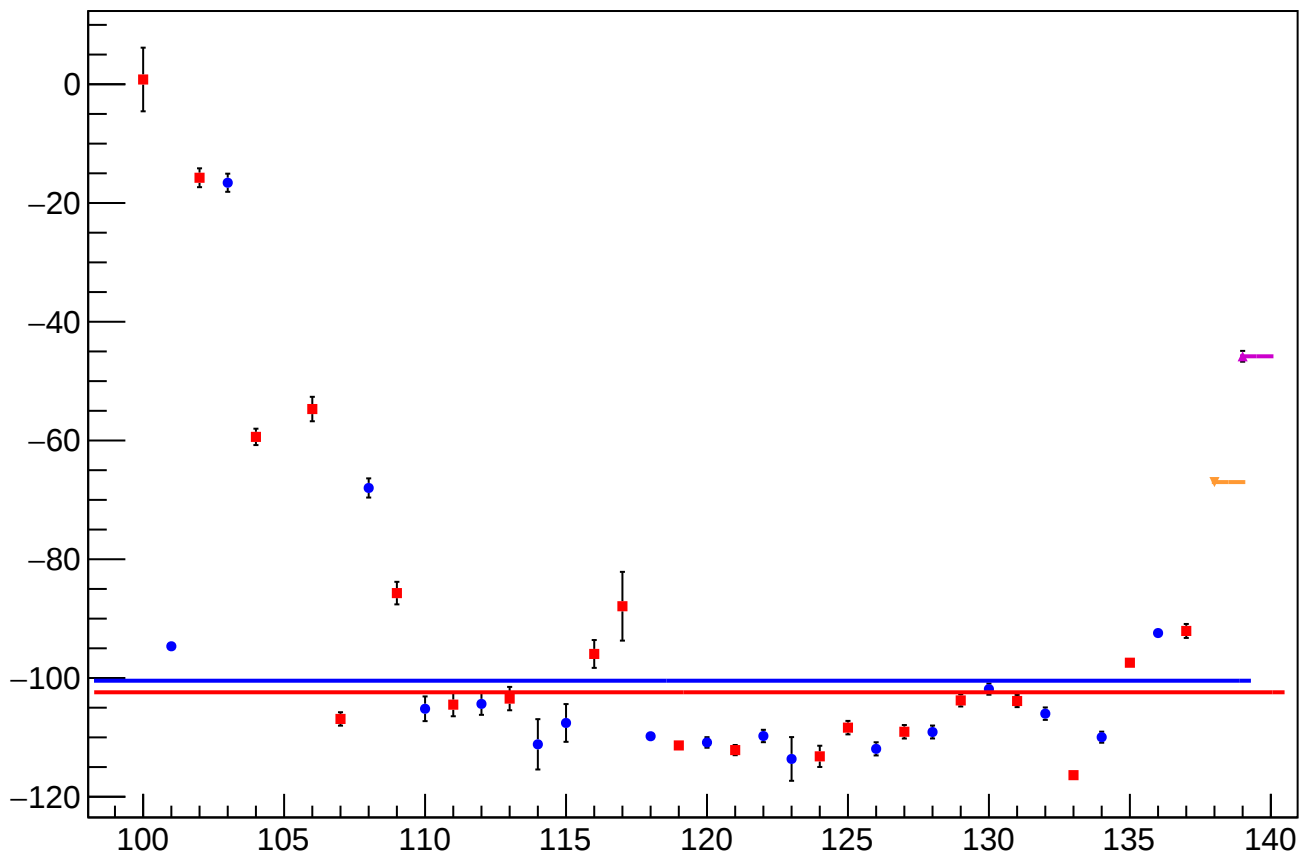
Right Out: 10.342 $\pm$ 0.416 χ^2 /NDF: 2282.7/19

Left In: 16.139 $\pm$ 0.561 χ^2 /NDF: 0.0/0

5.627 $\pm$ 0.350 χ^2 /NDF: 2348.3/17

12.399 $\pm$ 0.334 χ^2 /NDF: 2351.5/20

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -100.457 ± 0.251 χ^2/NDF : 4461.1/16

Left Out: -67.003 ± 0.681 χ^2/NDF : 0.0/0

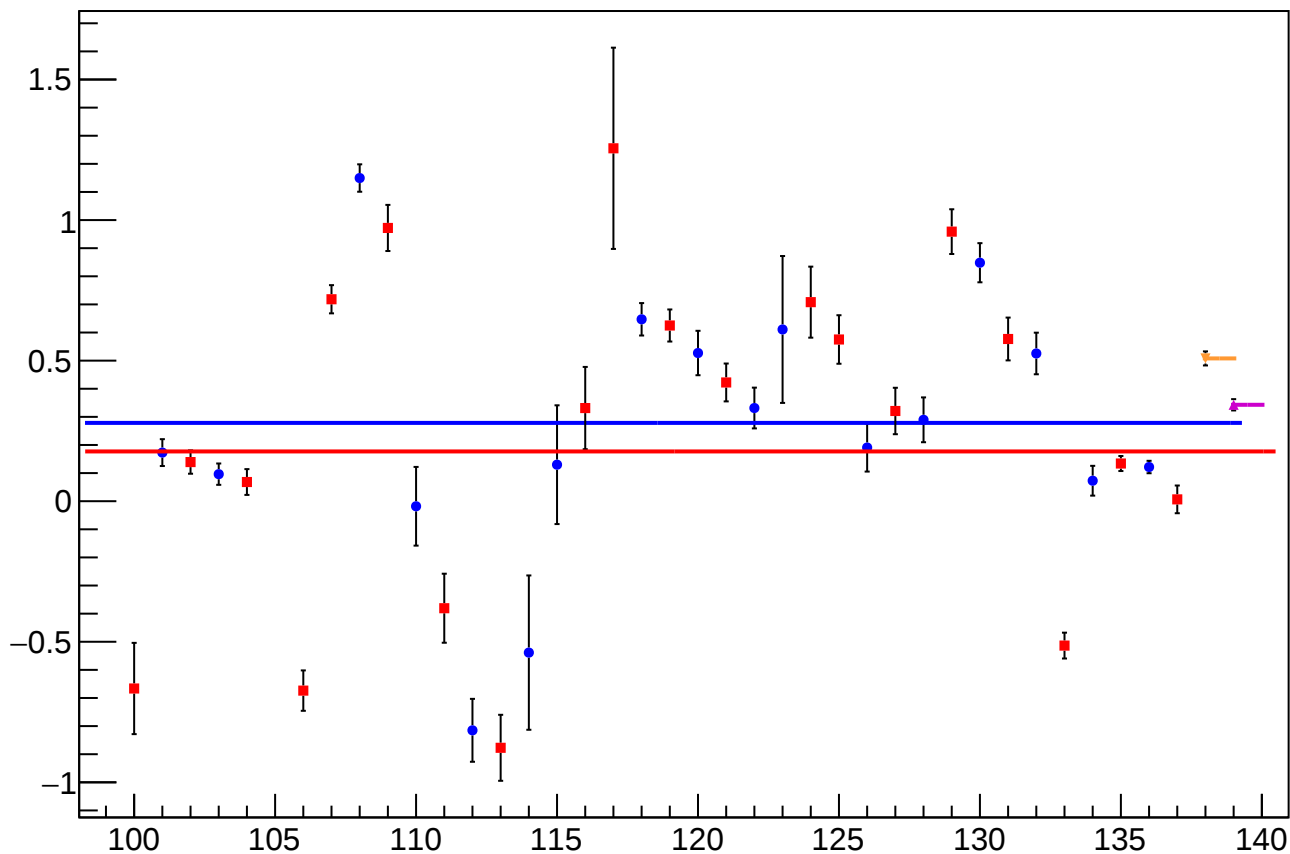
Right Out: -102.405 ± 0.246 χ^2/NDF : 6100.6/19

Left In: -45.818 ± 0.910 χ^2/NDF : 0.0/0

-96.460 ± 0.235 χ^2/NDF : 6587.9/17

-98.553 ± 0.238 χ^2/NDF : 9700.8/20

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.279 $\pm$ 0.014 χ^2 /NDF: 653.9/16

Left Out: 0.508 $\pm$ 0.025 χ^2 /NDF: 0.0/0

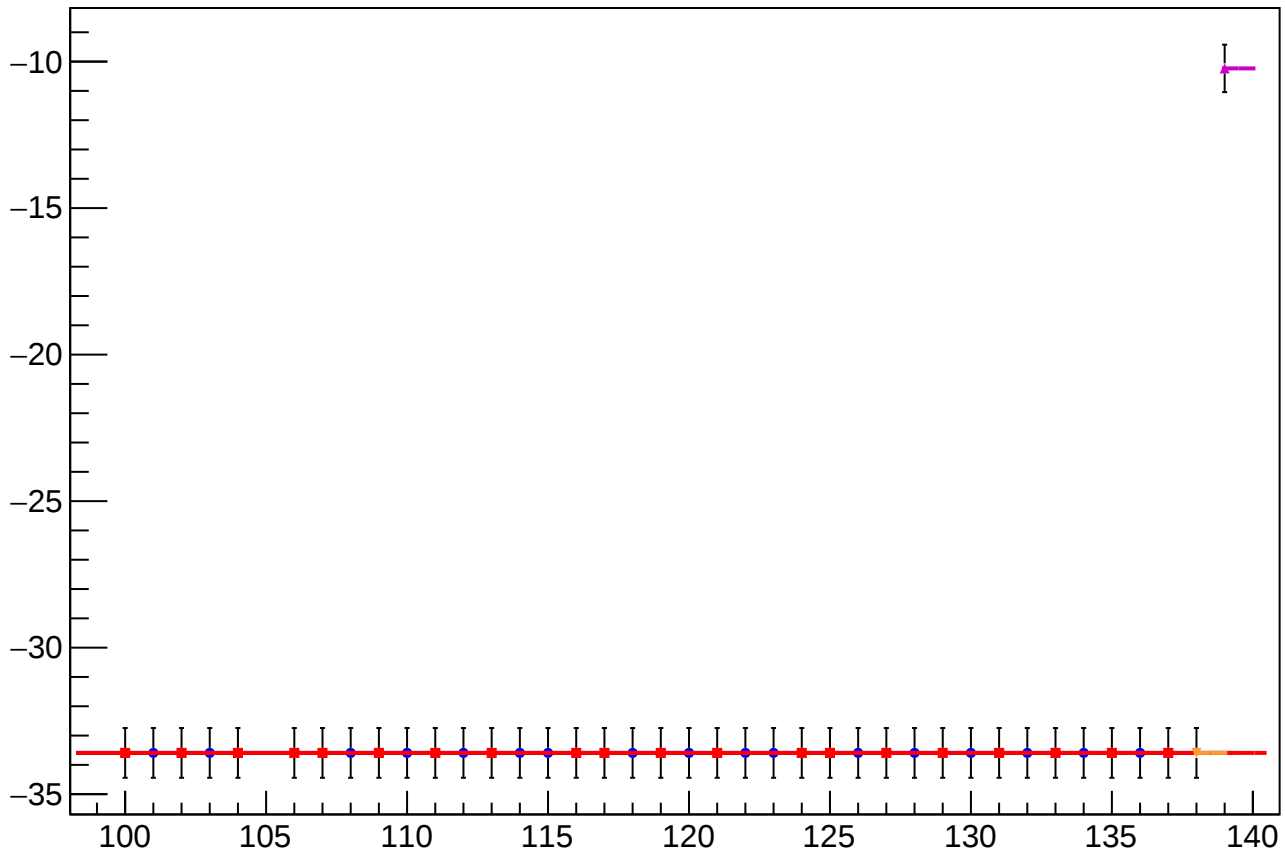
Right Out: 0.177 $\pm$ 0.013 χ^2 /NDF: 976.8/19

Left In: 0.343 $\pm$ 0.020 χ^2 /NDF: 0.0/0

0.330 $\pm$ 0.012 χ^2 /NDF: 719.0/17

0.228 $\pm$ 0.011 χ^2 /NDF: 1023.8/20

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



Right In: -33.592 ± 0.206 χ^2/NDF : 0.0/16

Left Out: -33.592 ± 0.850 χ^2/NDF : 0.0/0

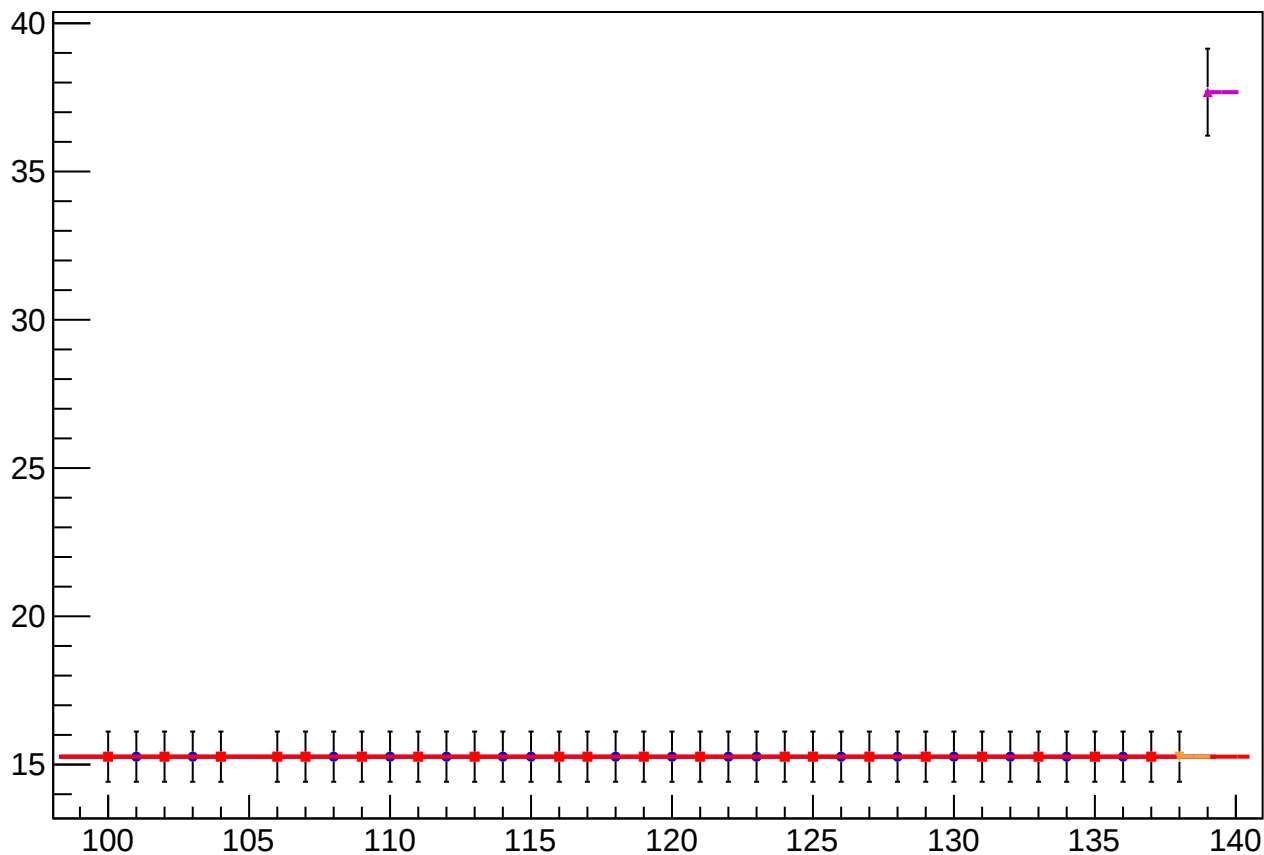
Right Out: -33.592 ± 0.190 χ^2/NDF : 0.0/19

Left In: -10.233 ± 0.810 χ^2/NDF : 0.0/0

-33.592 ± 0.200 χ^2/NDF : 0.0/17

-32.373 ± 0.185 χ^2/NDF : 788.6/20

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: 15.266 $\pm$ 0.205 χ^2/NDF : 0.0/16

Left Out: 15.266 $\pm$ 0.847 χ^2/NDF : 0.0/0

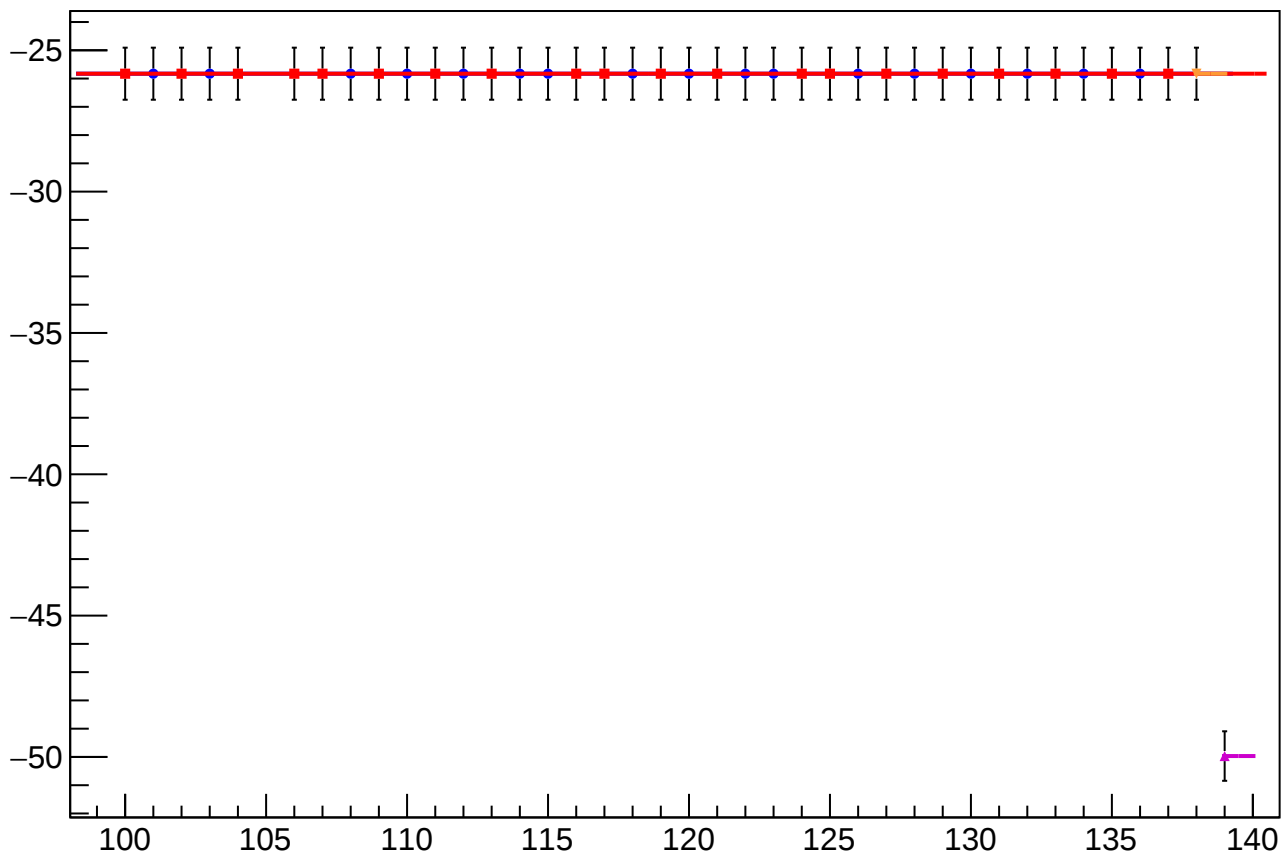
Right Out: 15.266 $\pm$ 0.189 χ^2/NDF : 0.0/19

Left In: 37.677 $\pm$ 1.467 χ^2/NDF : 0.0/0

15.266 $\pm$ 0.200 χ^2/NDF : 0.0/17

15.634 $\pm$ 0.188 χ^2/NDF : 229.6/20

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



Right In: -25.828 $\pm$ 0.223 χ^2 /NDF: 0.0/16

Left Out: -25.828 $\pm$ 0.921 χ^2 /NDF: 0.0/0

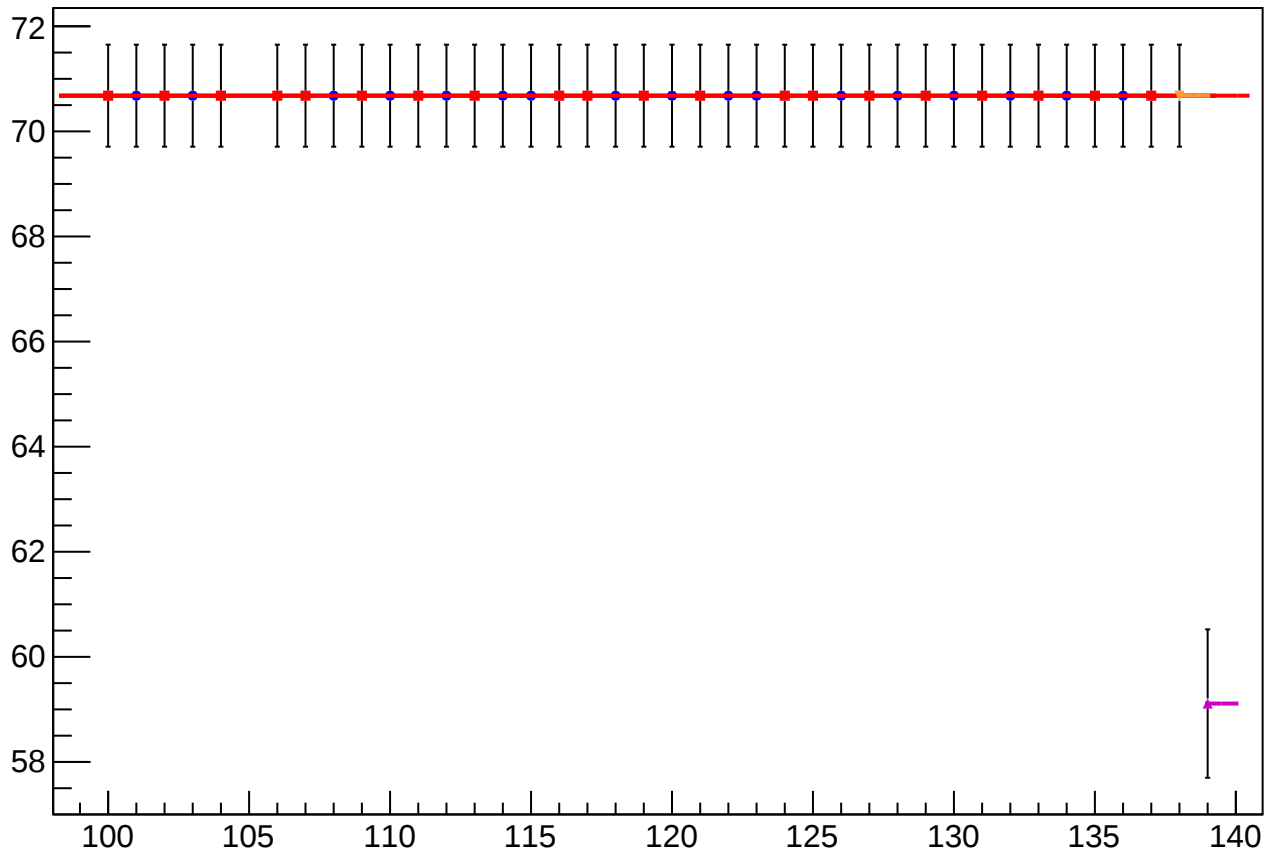
Right Out: -25.828 $\pm$ 0.206 χ^2 /NDF: 0.0/19

Left In: -49.968 $\pm$ 0.876 χ^2 /NDF: 0.0/0

-25.828 $\pm$ 0.217 χ^2 /NDF: 0.0/17

-27.093 $\pm$ 0.200 χ^2 /NDF: 719.9/20

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



Right In: 70.679 $\pm$ 0.235 χ^2 /NDF: 0.0/16

Left Out: 70.679 $\pm$ 0.971 χ^2 /NDF: 0.0/0

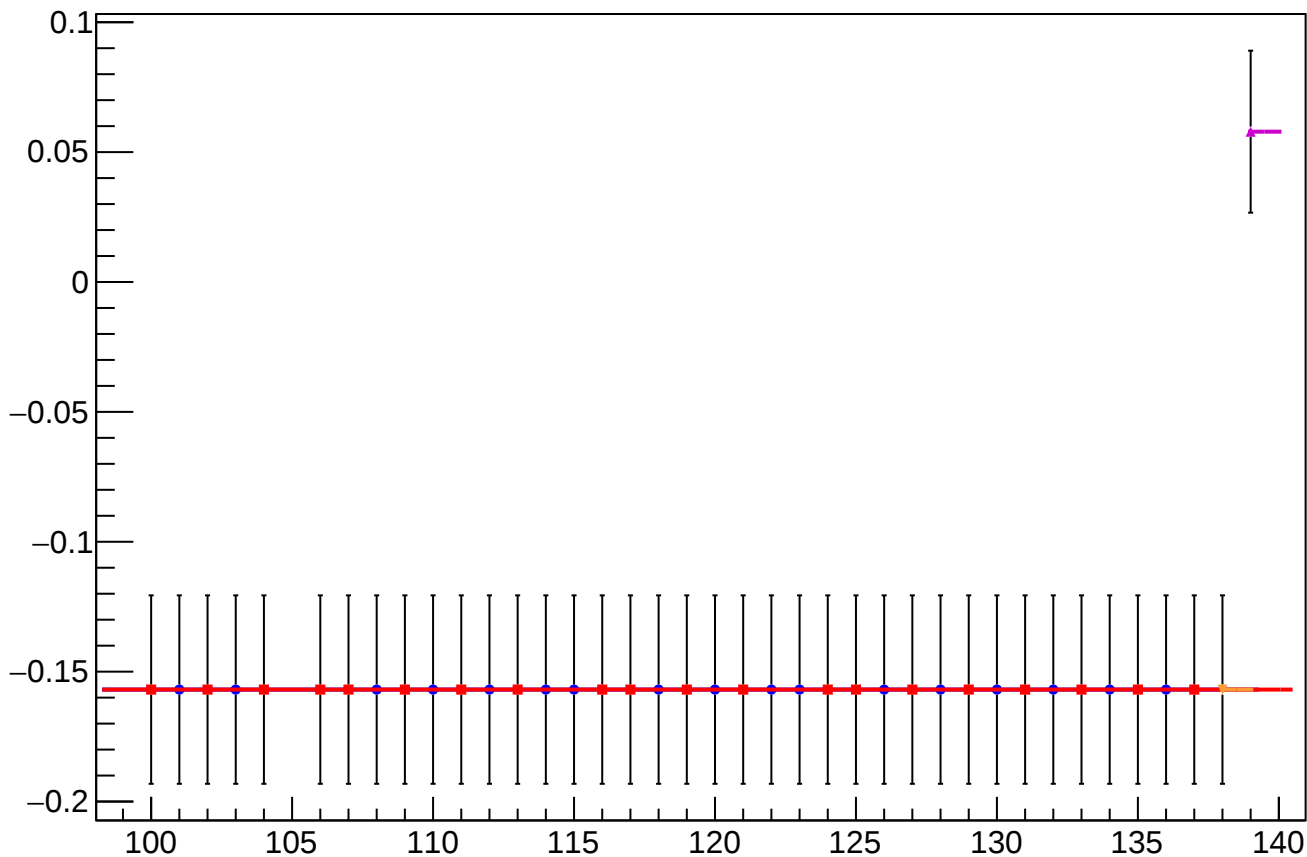
Right Out: 70.679 $\pm$ 0.217 χ^2 /NDF: 0.0/19

Left In: 59.111 $\pm$ 1.413 χ^2 /NDF: 0.0/0

70.679 $\pm$ 0.229 χ^2 /NDF: 0.0/17

70.412 $\pm$ 0.215 χ^2 /NDF: 65.5/20

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



Right In: -0.157+/-0.009 χ^2/NDF : 0.0/16

Left Out: -0.157+/-0.036 χ^2/NDF : 0.0/0

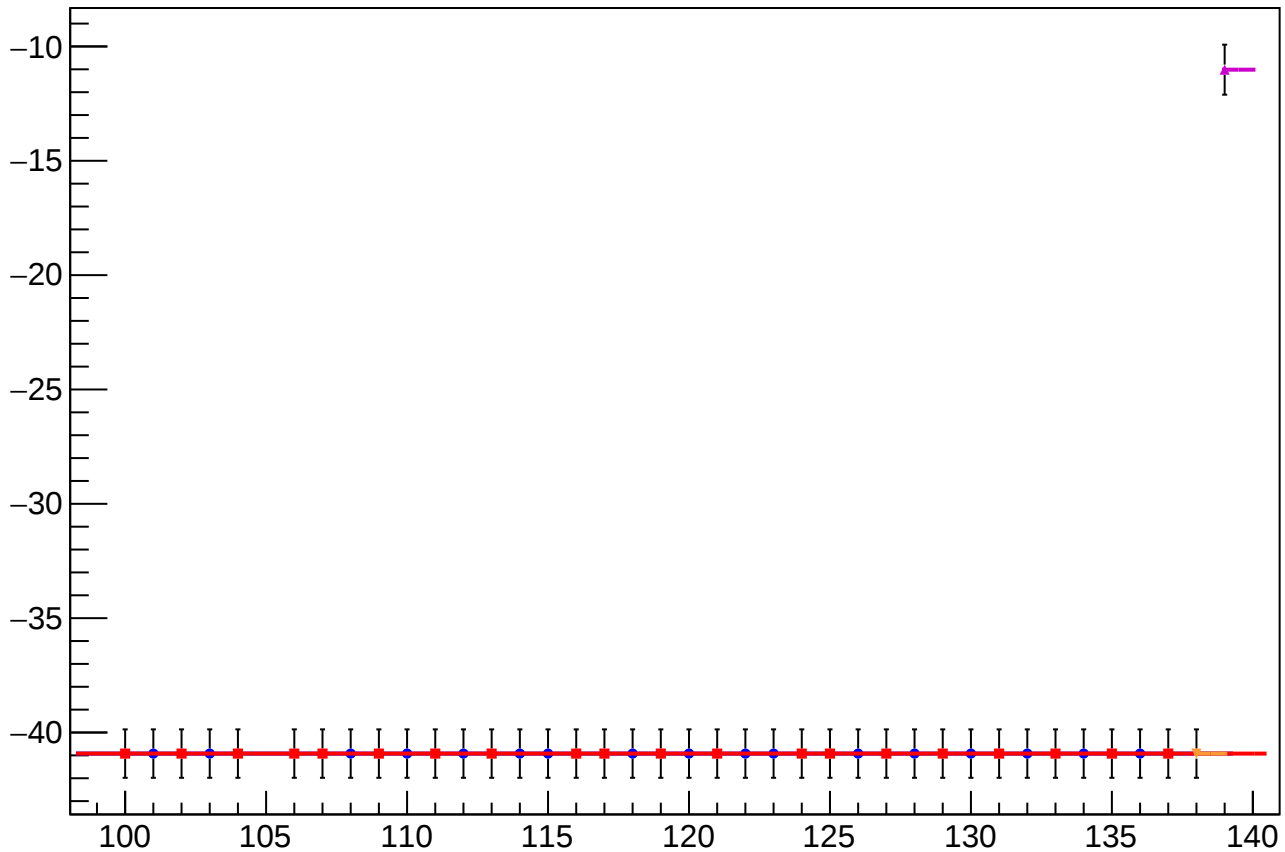
Right Out: -0.157+/-0.008 χ^2/NDF : 0.0/19

Left In: 0.058+/-0.031 χ^2/NDF : 0.0/0

-0.157+/-0.009 χ^2/NDF : 0.0/17

-0.143+/-0.008 χ^2/NDF : 44.4/20

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



Right In: -40.922 ± 0.257 χ^2/NDF : 0.0/16

Left Out: -40.922 ± 1.059 χ^2/NDF : 0.0/0

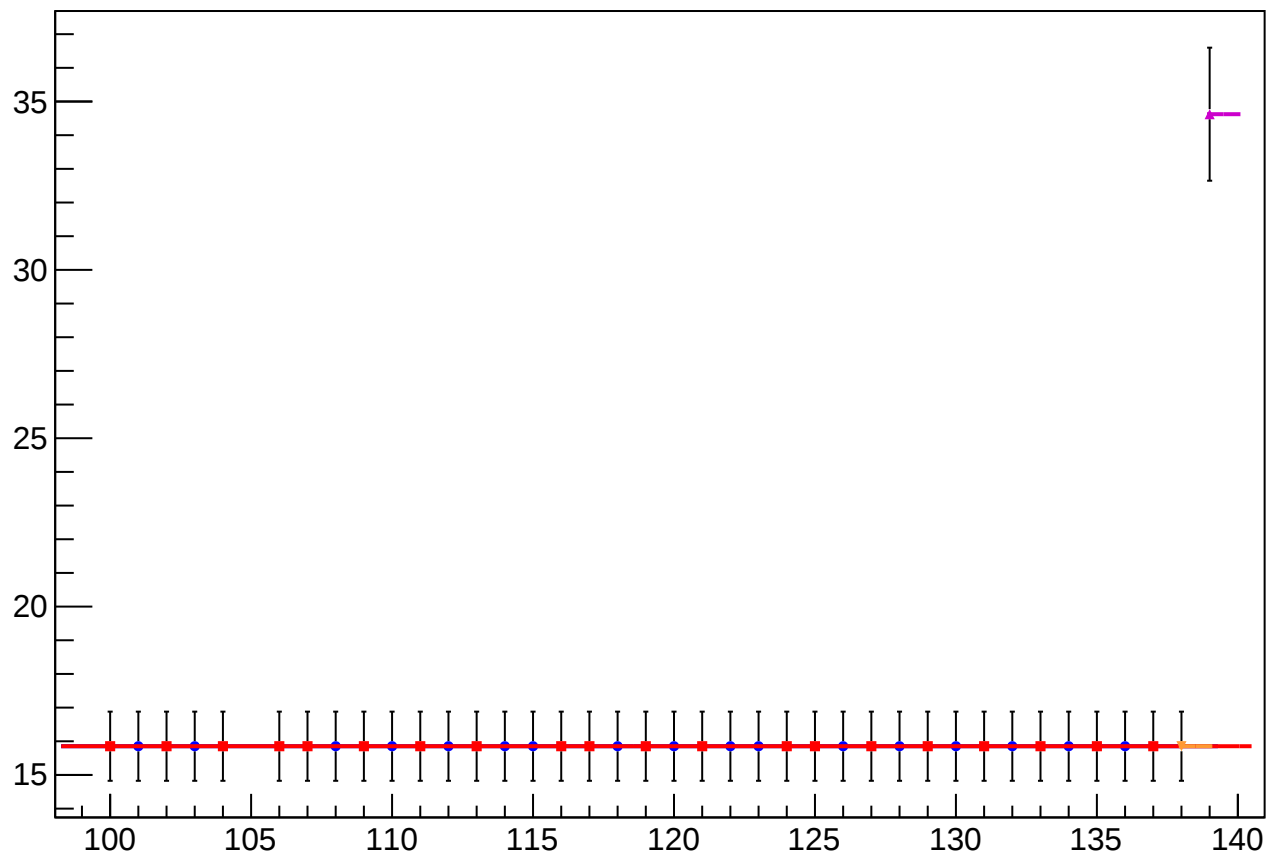
Right Out: -40.922 ± 0.237 χ^2/NDF : 0.0/19

Left In: -11.016 ± 1.094 χ^2/NDF : 0.0/0

-40.922 ± 0.250 χ^2/NDF : 0.0/17

-39.583 ± 0.231 χ^2/NDF : 714.4/20

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: 15.853 $\pm$ 0.249 χ^2 /NDF: 0.0/16

Left Out: 15.853 $\pm$ 1.027 χ^2 /NDF: 0.0/0

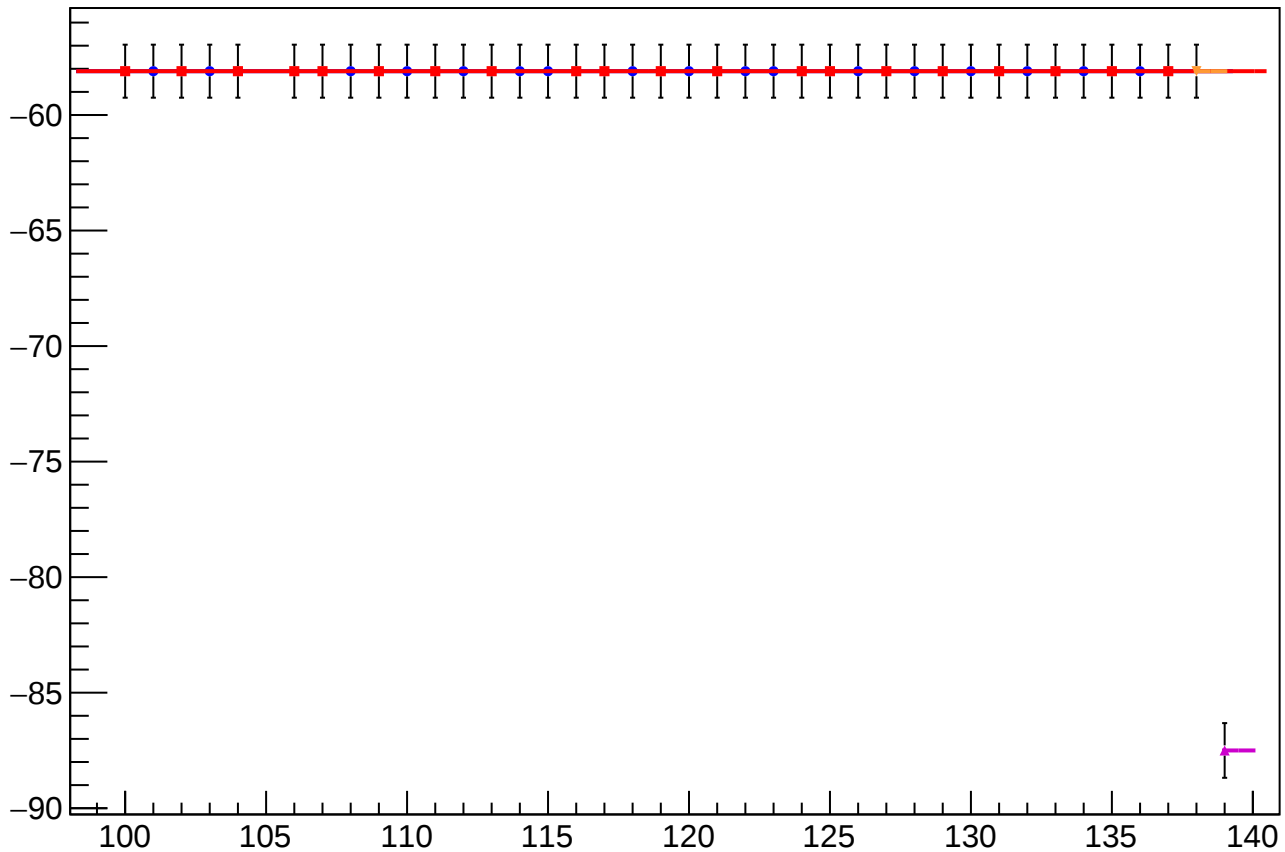
Right Out: 15.853 $\pm$ 0.230 χ^2 /NDF: 0.0/19

Left In: 34.623 $\pm$ 1.976 χ^2 /NDF: 0.0/0

15.853 $\pm$ 0.242 χ^2 /NDF: 0.0/17

16.104 $\pm$ 0.228 χ^2 /NDF: 89.1/20

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



Right In: -58.103 $\pm$ 0.278 χ^2 /NDF: 0.0/16

Left Out: -58.103 $\pm$ 1.147 χ^2 /NDF: 0.0/0

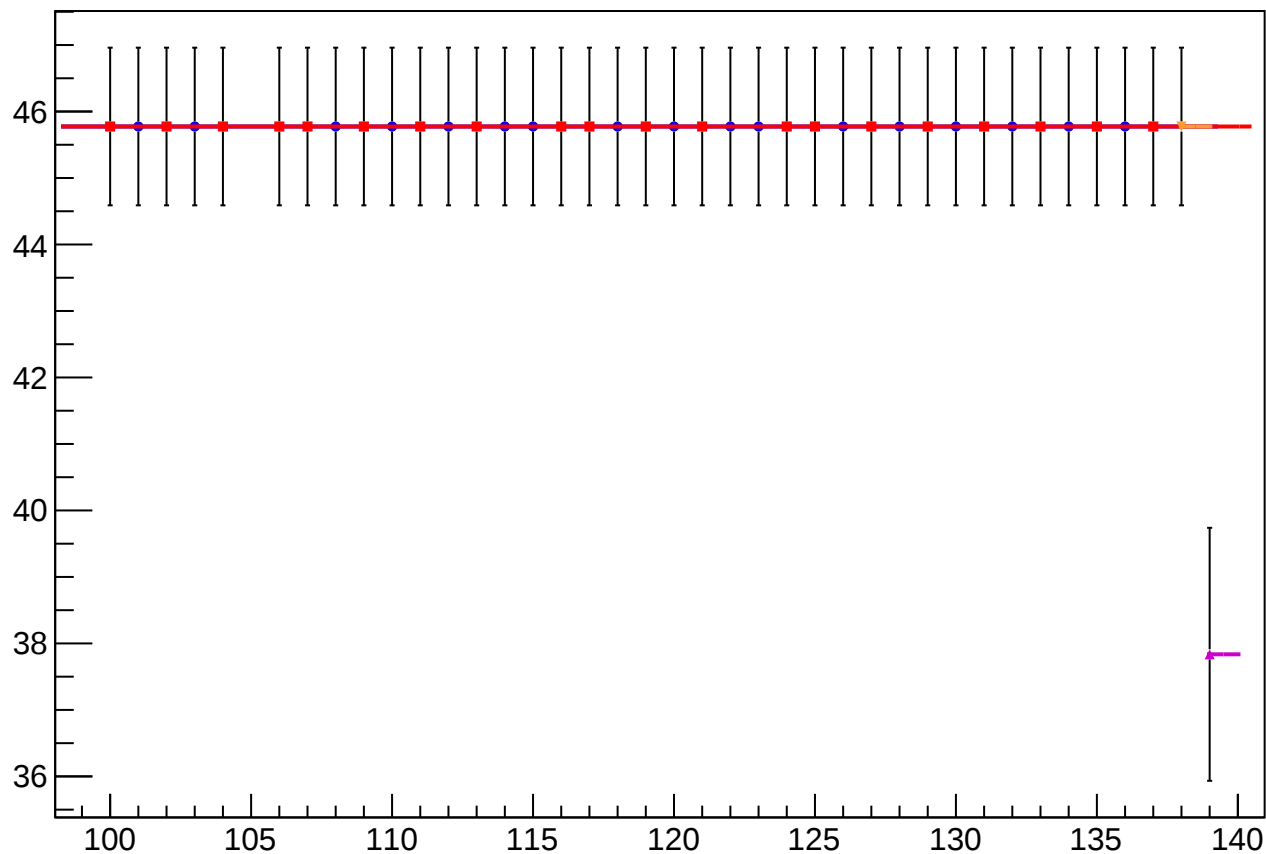
Right Out: -58.103 $\pm$ 0.257 χ^2 /NDF: 0.0/19

Left In: -87.500 $\pm$ 1.183 χ^2 /NDF: 0.0/0

-58.103 $\pm$ 0.270 χ^2 /NDF: 0.0/17

-59.423 $\pm$ 0.251 χ^2 /NDF: 589.5/20

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 45.775 $\pm$ 0.288 χ^2 /NDF: 0.0/16

Left Out: 45.775 $\pm$ 1.186 χ^2 /NDF: 0.0/0

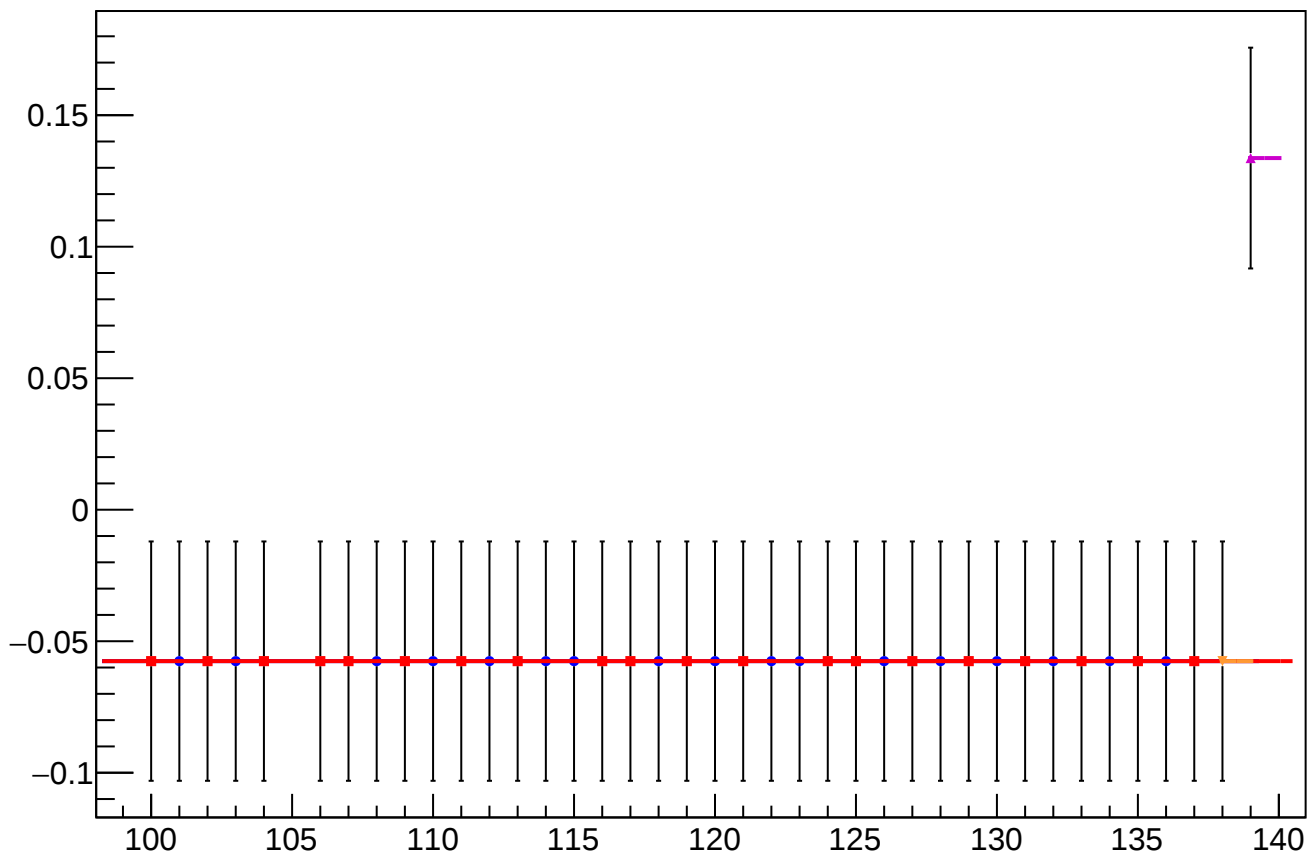
Right Out: 45.775 $\pm$ 0.265 χ^2 /NDF: 0.0/19

Left In: 37.836 $\pm$ 1.902 χ^2 /NDF: 0.0/0

45.775 $\pm$ 0.279 χ^2 /NDF: 0.0/17

45.623 $\pm$ 0.263 χ^2 /NDF: 17.1/20

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: -0.058 $\pm$ 0.011 χ^2 /NDF: 0.0/16

Left Out: -0.058 $\pm$ 0.045 χ^2 /NDF: 0.0/0

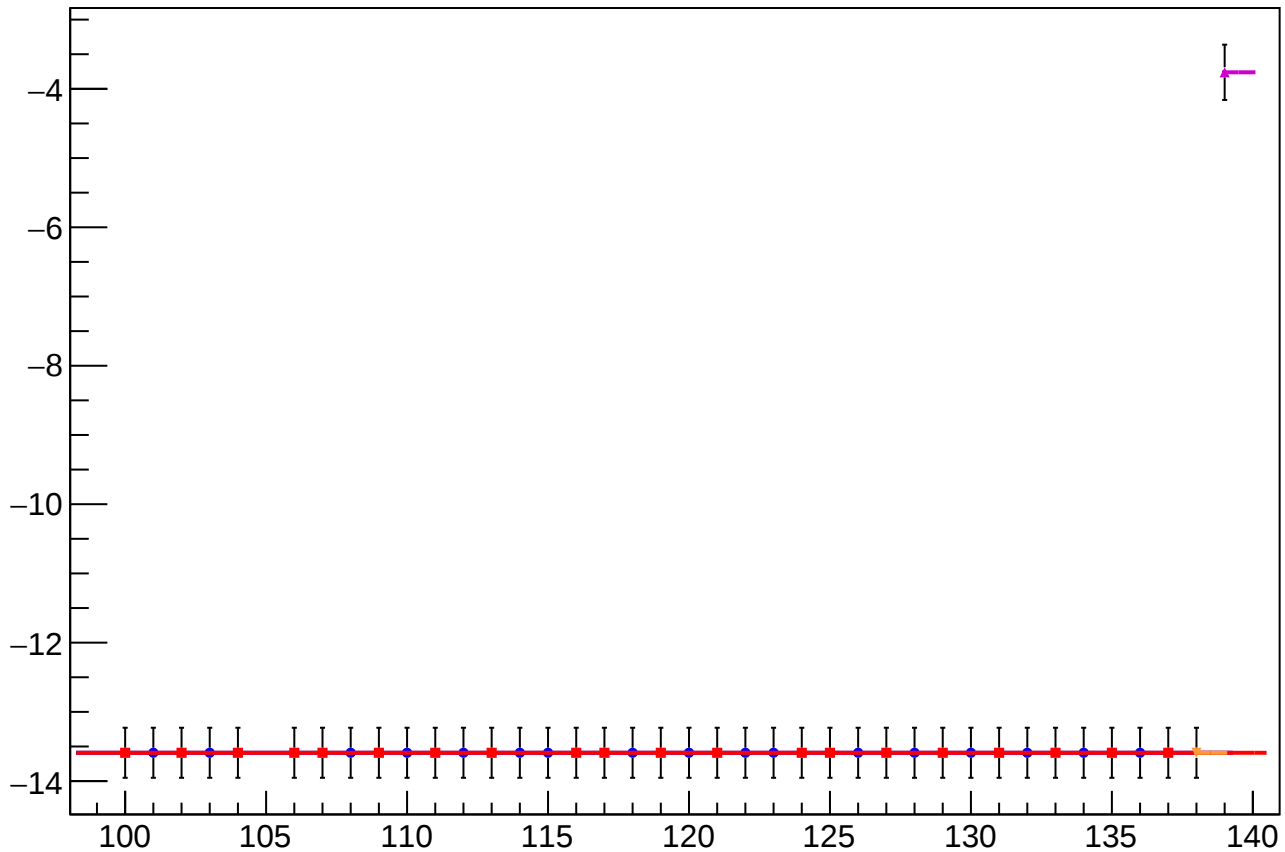
Right Out: -0.058 $\pm$ 0.010 χ^2 /NDF: 0.0/19

Left In: 0.134 $\pm$ 0.042 χ^2 /NDF: 0.0/0

-0.058 $\pm$ 0.011 χ^2 /NDF: 0.0/17

-0.047 $\pm$ 0.010 χ^2 /NDF: 19.6/20

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: -13.591 $\pm$ 0.088 χ^2 /NDF: 0.0/16

Left Out: -13.591 $\pm$ 0.361 χ^2 /NDF: 0.0/0

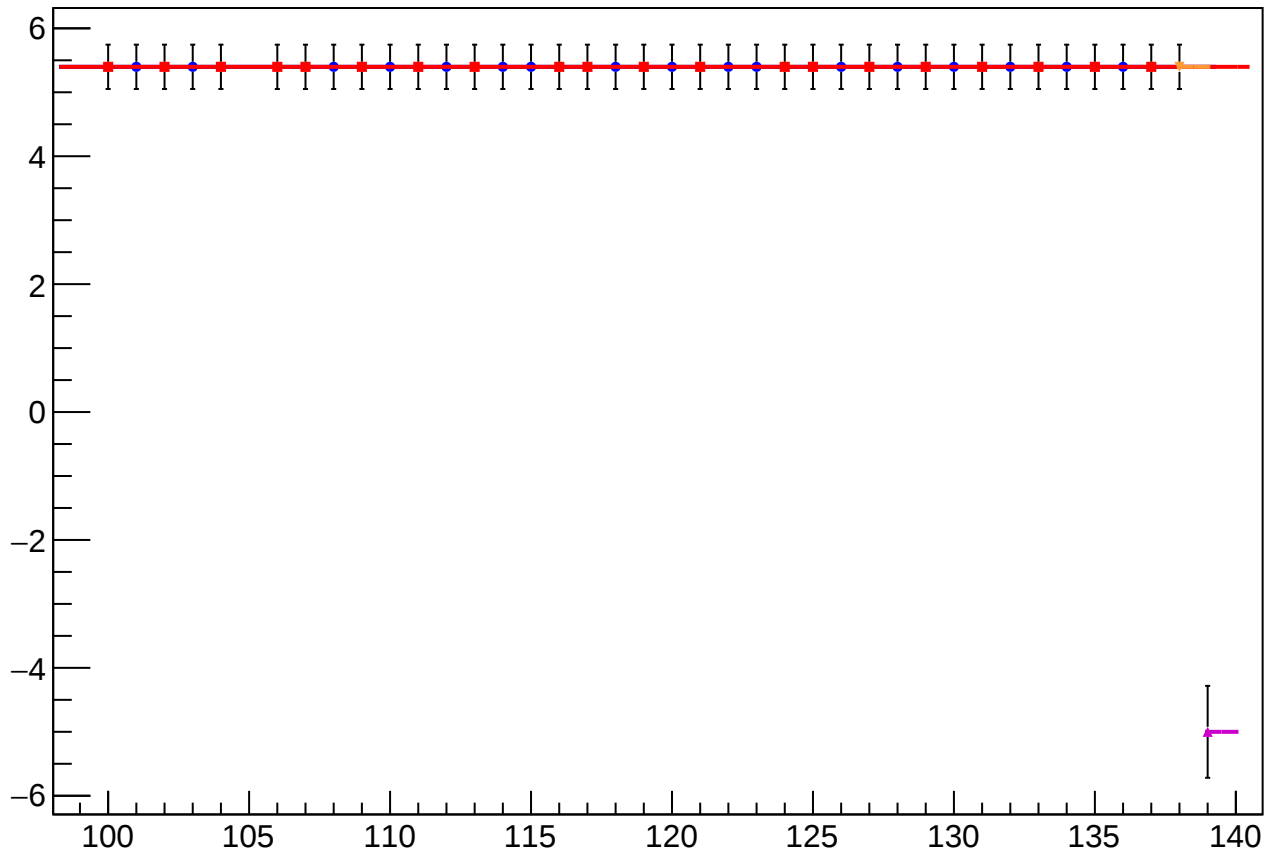
Right Out: -13.591 $\pm$ 0.081 χ^2 /NDF: 0.0/19

Left In: -3.761 $\pm$ 0.399 χ^2 /NDF: 0.0/0

-13.591 $\pm$ 0.085 χ^2 /NDF: 0.0/17

-13.204 $\pm$ 0.079 χ^2 /NDF: 582.0/20

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 5.398 $\pm$ 0.084 χ^2 /NDF: 0.0/16

Left Out: 5.398 $\pm$ 0.347 χ^2 /NDF: 0.0/0

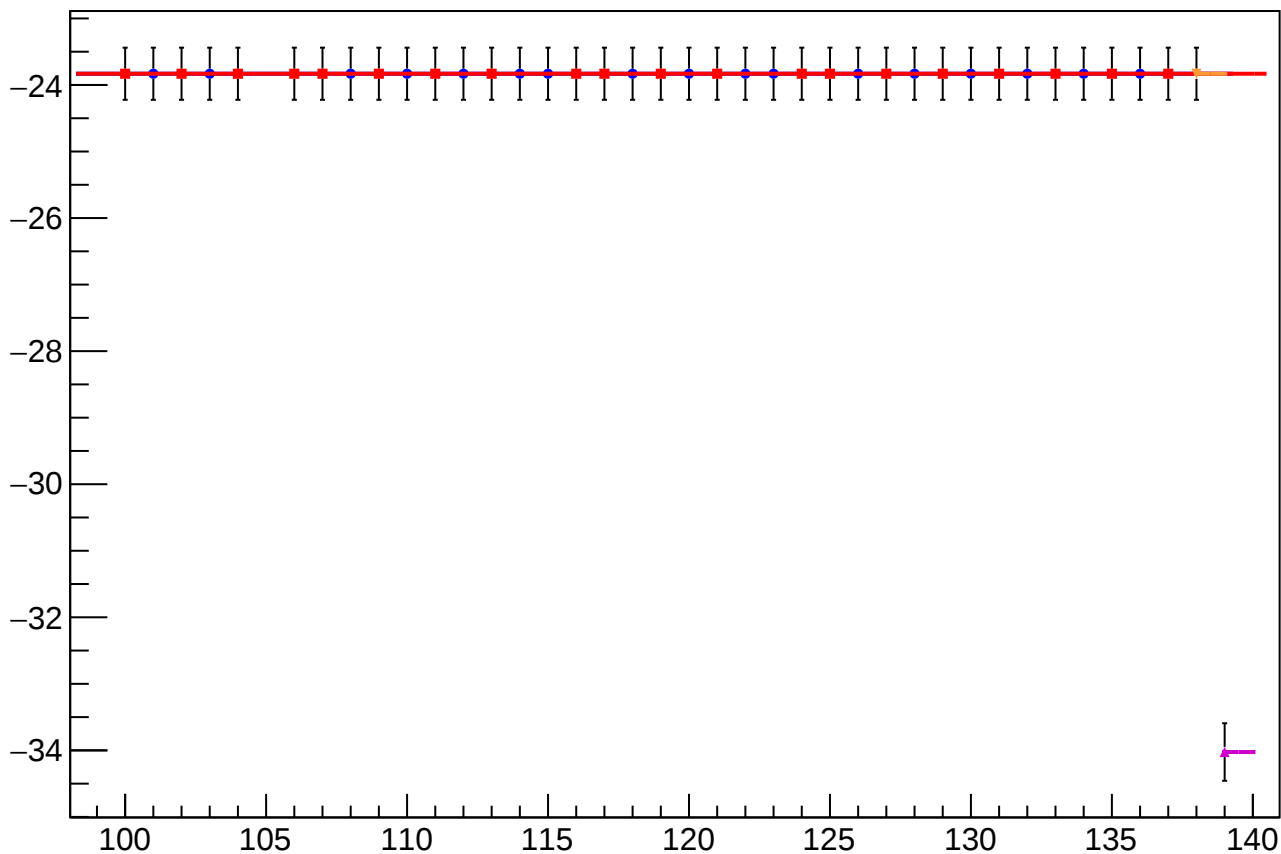
Right Out: 5.398 $\pm$ 0.077 χ^2 /NDF: 0.0/19

Left In: -5.000 $\pm$ 0.719 χ^2 /NDF: 0.0/0

5.398 $\pm$ 0.082 χ^2 /NDF: 0.0/17

5.278 $\pm$ 0.077 χ^2 /NDF: 207.0/20

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



Right In: -23.831 $\pm$ 0.095 χ^2 /NDF: 0.0/16

Left Out: -23.831 $\pm$ 0.392 χ^2 /NDF: 0.0/0

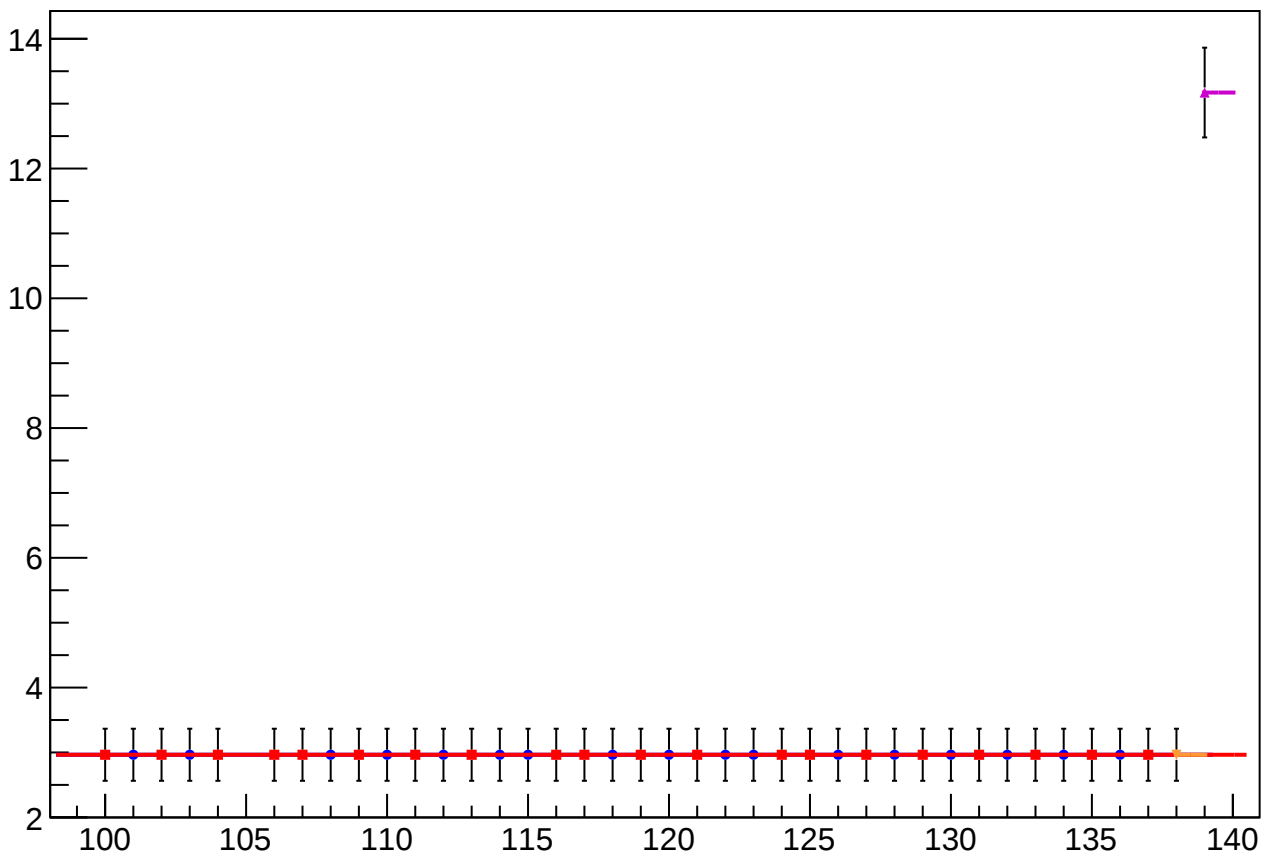
Right Out: -23.831 $\pm$ 0.088 χ^2 /NDF: 0.0/19

Left In: -34.025 $\pm$ 0.432 χ^2 /NDF: 0.0/0

-23.831 $\pm$ 0.092 χ^2 /NDF: 0.0/17

-24.233 $\pm$ 0.086 χ^2 /NDF: 533.8/20

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 2.964 $\pm$ 0.097 χ^2 /NDF: 0.0/16

Left Out: 2.964 $\pm$ 0.401 χ^2 /NDF: 0.0/0

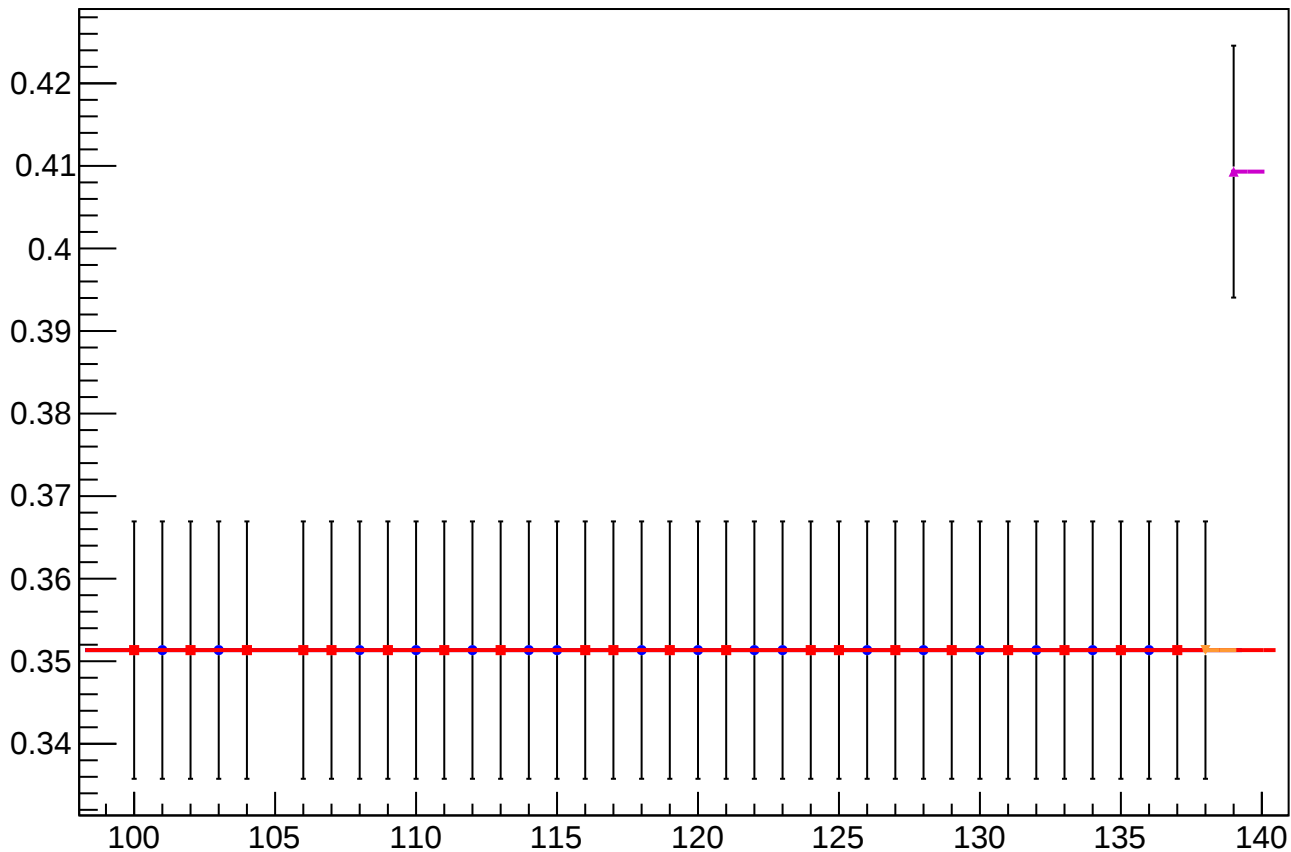
Right Out: 2.964 $\pm$ 0.090 χ^2 /NDF: 0.0/19

Left In: 13.171 $\pm$ 0.692 χ^2 /NDF: 0.0/0

2.964 $\pm$ 0.095 χ^2 /NDF: 0.0/17

3.133 $\pm$ 0.089 χ^2 /NDF: 214.1/20

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.351 $\pm$ 0.004 χ^2 /NDF: 0.0/16

Left Out: 0.351 $\pm$ 0.016 χ^2 /NDF: 0.0/0

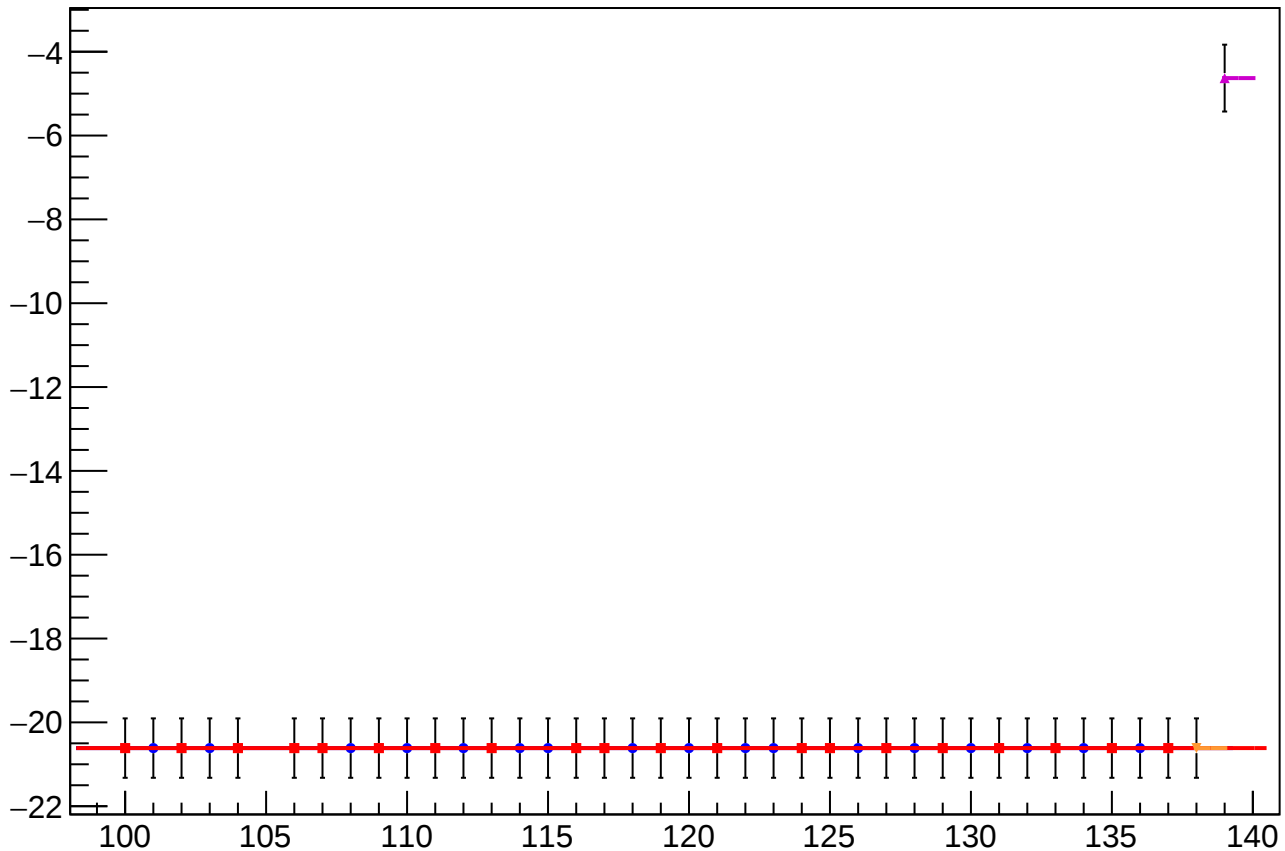
Right Out: 0.351 $\pm$ 0.003 χ^2 /NDF: 0.0/19

Left In: 0.409 $\pm$ 0.015 χ^2 /NDF: 0.0/0

0.351 $\pm$ 0.004 χ^2 /NDF: 0.0/17

0.354 $\pm$ 0.003 χ^2 /NDF: 13.7/20

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: -20.614 $\pm$ 0.172 χ^2 /NDF: 0.0/16

Left Out: -20.614 $\pm$ 0.709 χ^2 /NDF: 0.0/0

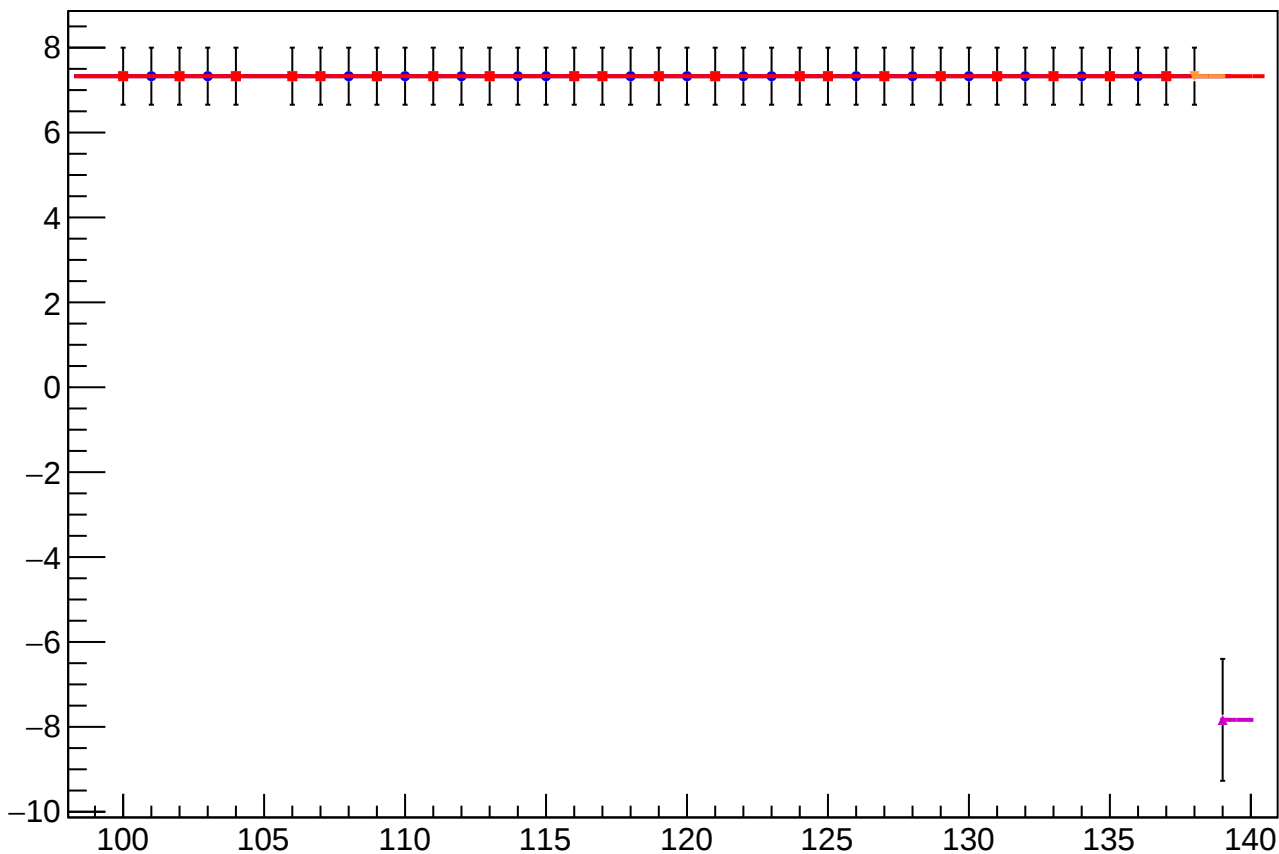
Right Out: -20.614 $\pm$ 0.158 χ^2 /NDF: 0.0/19

Left In: -4.629 $\pm$ 0.797 χ^2 /NDF: 0.0/0

-20.614 $\pm$ 0.167 χ^2 /NDF: 0.0/17

-20.006 $\pm$ 0.155 χ^2 /NDF: 386.5/20

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 7.327 $\pm$ 0.163 χ^2/NDF : 0.0/16

Left Out: 7.327 $\pm$ 0.672 χ^2/NDF : 0.0/0

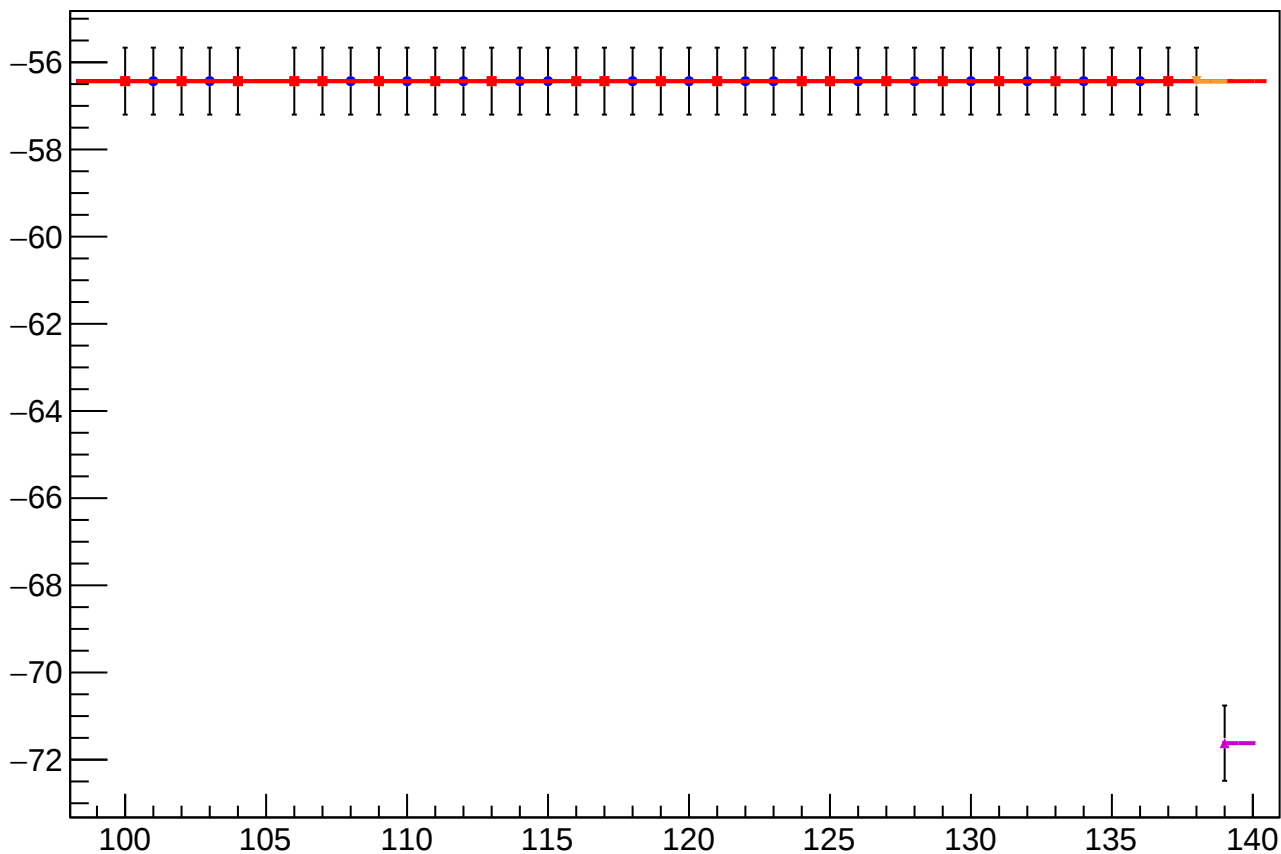
Right Out: 7.327 $\pm$ 0.150 χ^2/NDF : 0.0/19

Left In: -7.835 $\pm$ 1.436 χ^2/NDF : 0.0/0

7.327 $\pm$ 0.158 χ^2/NDF : 0.0/17

7.163 $\pm$ 0.149 χ^2/NDF : 110.3/20

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



Right In: -56.432 $\pm$ 0.186 χ^2 /NDF: 0.0/16

Left Out: -56.432 $\pm$ 0.768 χ^2 /NDF: 0.0/0

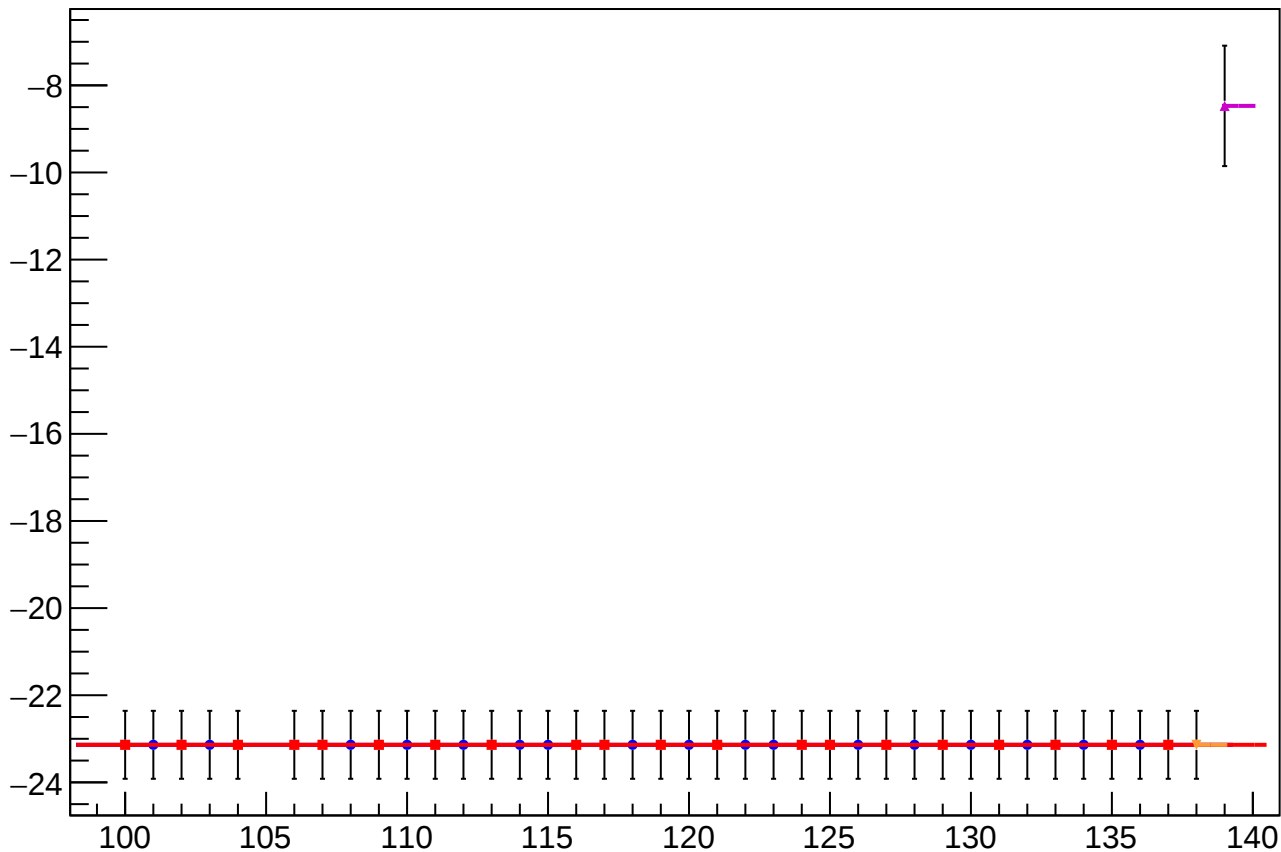
Right Out: -56.432 $\pm$ 0.172 χ^2 /NDF: 0.0/19

Left In: -71.621 $\pm$ 0.863 χ^2 /NDF: 0.0/0

-56.432 $\pm$ 0.181 χ^2 /NDF: 0.0/17

-57.010 $\pm$ 0.168 χ^2 /NDF: 297.7/20

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



Right In: -23.138 $\pm$ 0.189 χ^2 /NDF: 0.0/16

Left Out: -23.138 $\pm$ 0.780 χ^2 /NDF: 0.0/0

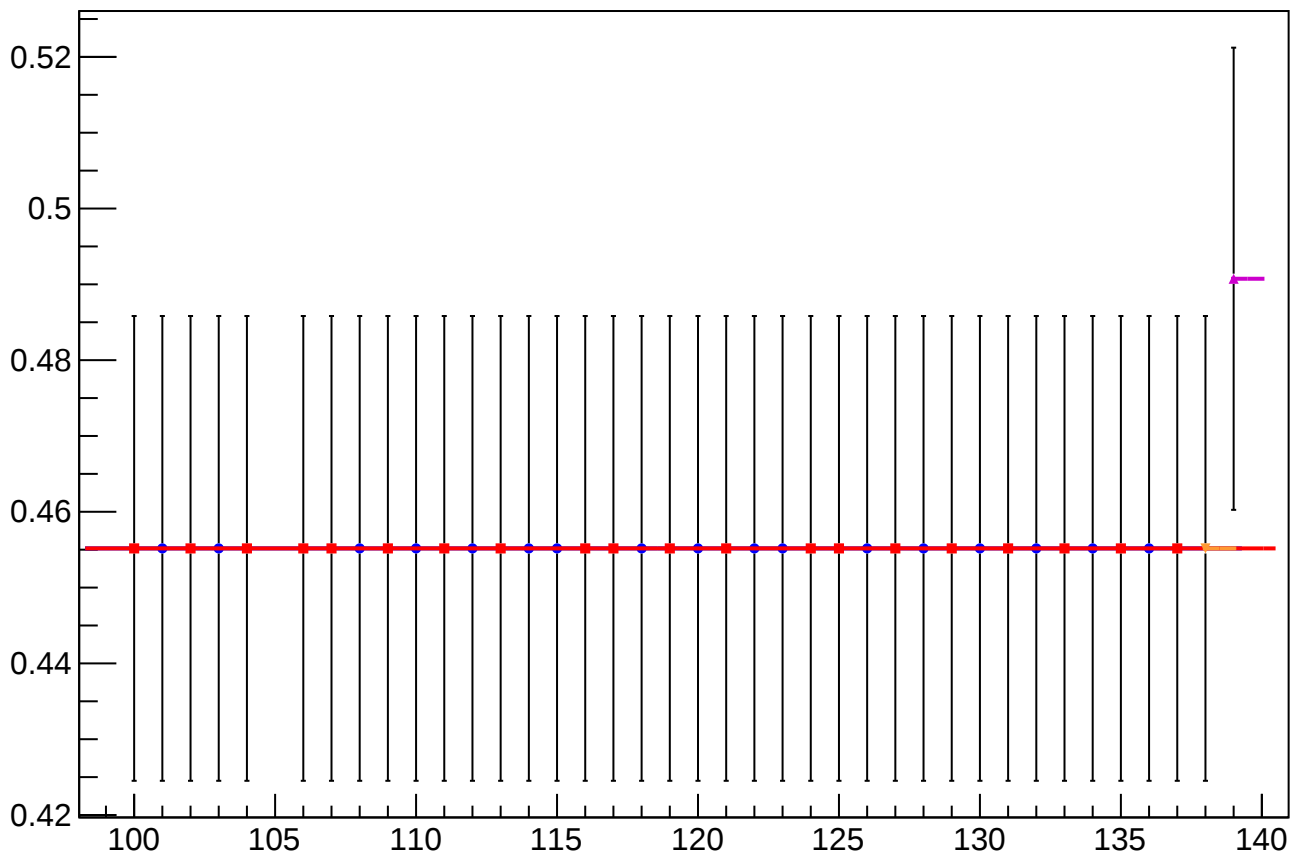
Right Out: -23.138 $\pm$ 0.174 χ^2 /NDF: 0.0/19

Left In: -8.472 $\pm$ 1.382 χ^2 /NDF: 0.0/0

-23.138 $\pm$ 0.184 χ^2 /NDF: 0.0/17

-22.908 $\pm$ 0.173 χ^2 /NDF: 110.8/20

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: 0.455 $\pm$ 0.007 χ^2 /NDF: 0.0/16

Left Out: 0.455 $\pm$ 0.031 χ^2 /NDF: 0.0/0

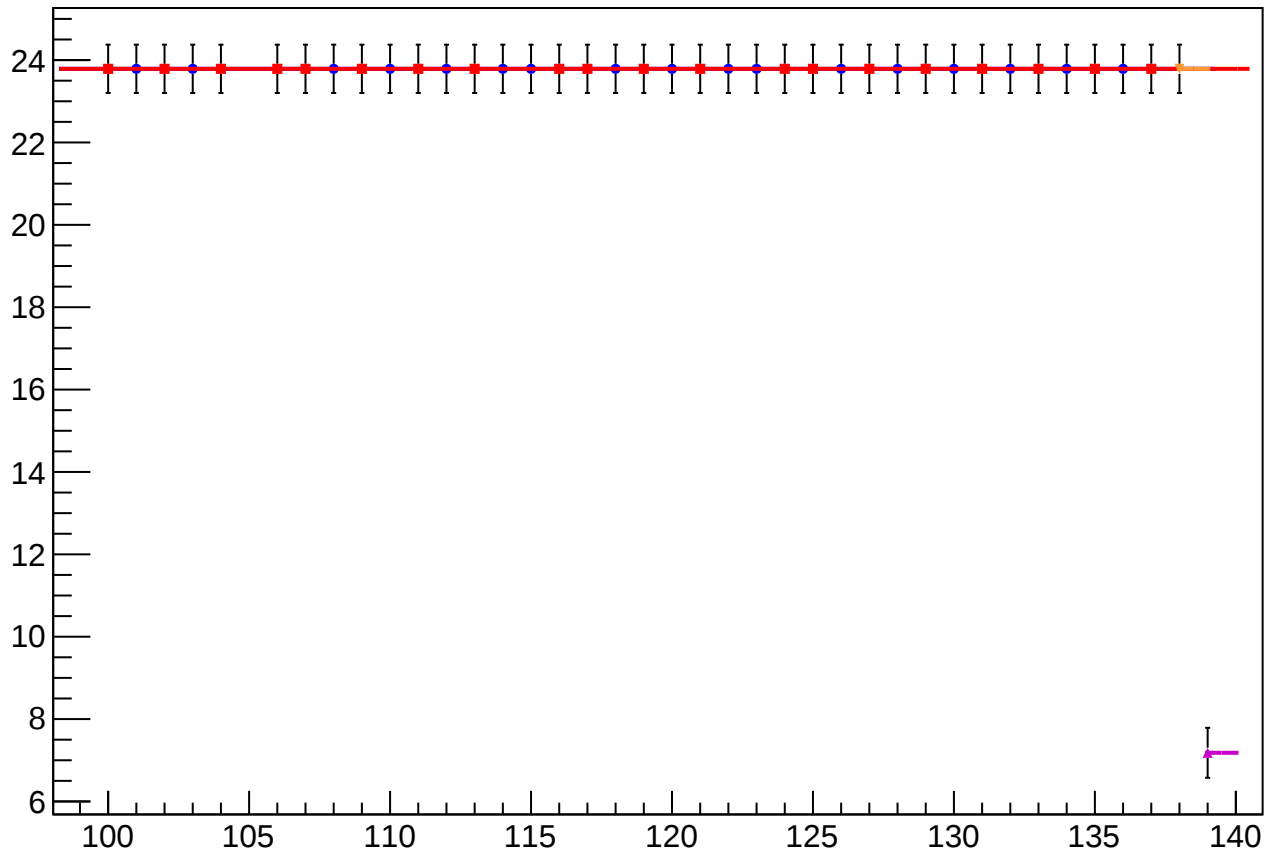
Right Out: 0.455 $\pm$ 0.007 χ^2 /NDF: 0.0/19

Left In: 0.491 $\pm$ 0.030 χ^2 /NDF: 0.0/0

0.455 $\pm$ 0.007 χ^2 /NDF: 0.0/17

0.457 $\pm$ 0.007 χ^2 /NDF: 1.3/20

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



Right In: 23.788 $\pm$ 0.142 χ^2 /NDF: 0.0/16

Left Out: 23.788 $\pm$ 0.587 χ^2 /NDF: 0.0/0

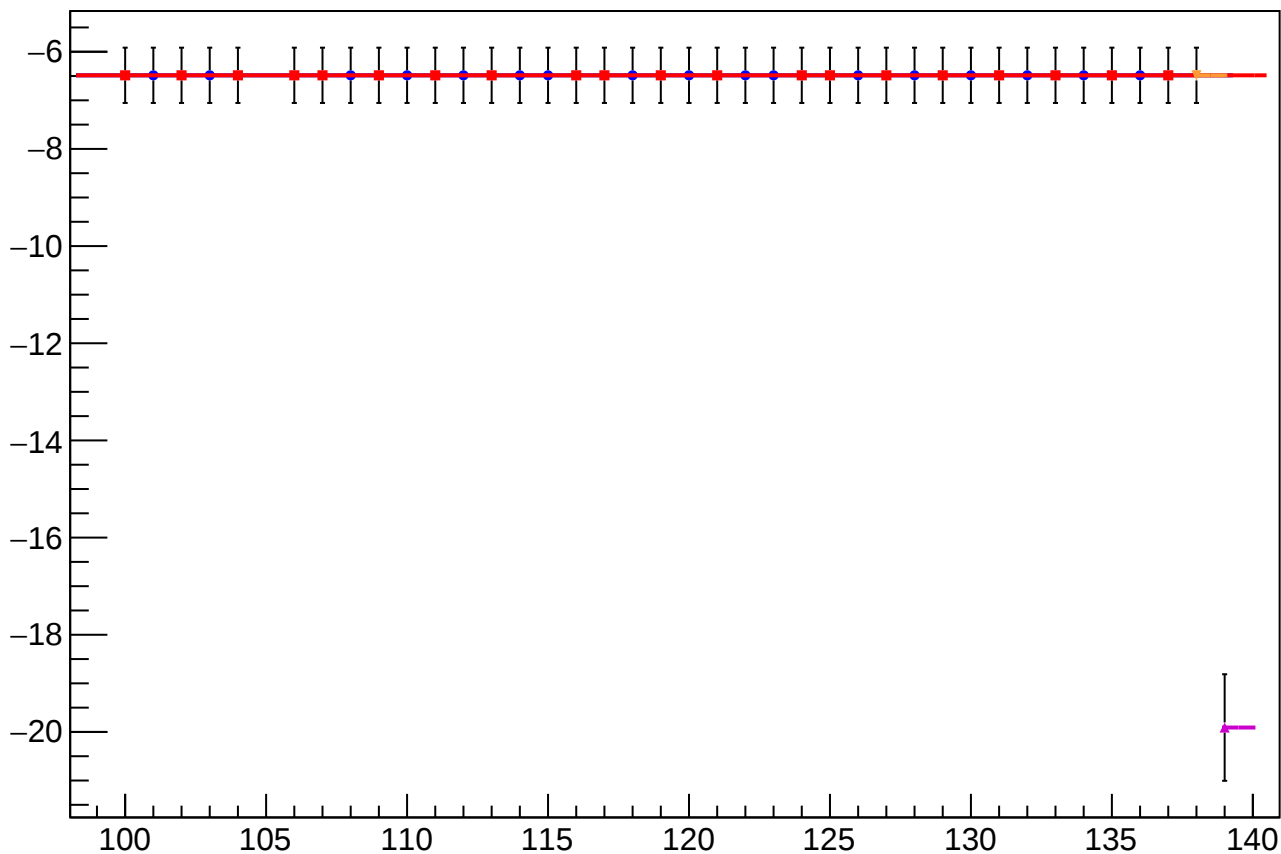
Right Out: 23.788 $\pm$ 0.131 χ^2 /NDF: 0.0/19

Left In: 7.181 $\pm$ 0.607 χ^2 /NDF: 0.0/0

23.788 $\pm$ 0.138 χ^2 /NDF: 0.0/17

23.047 $\pm$ 0.128 χ^2 /NDF: 715.0/20

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: -6.485+/-0.138 χ^2/NDF : 0.0/16

Left Out: -6.485+/-0.569 χ^2/NDF : 0.0/0

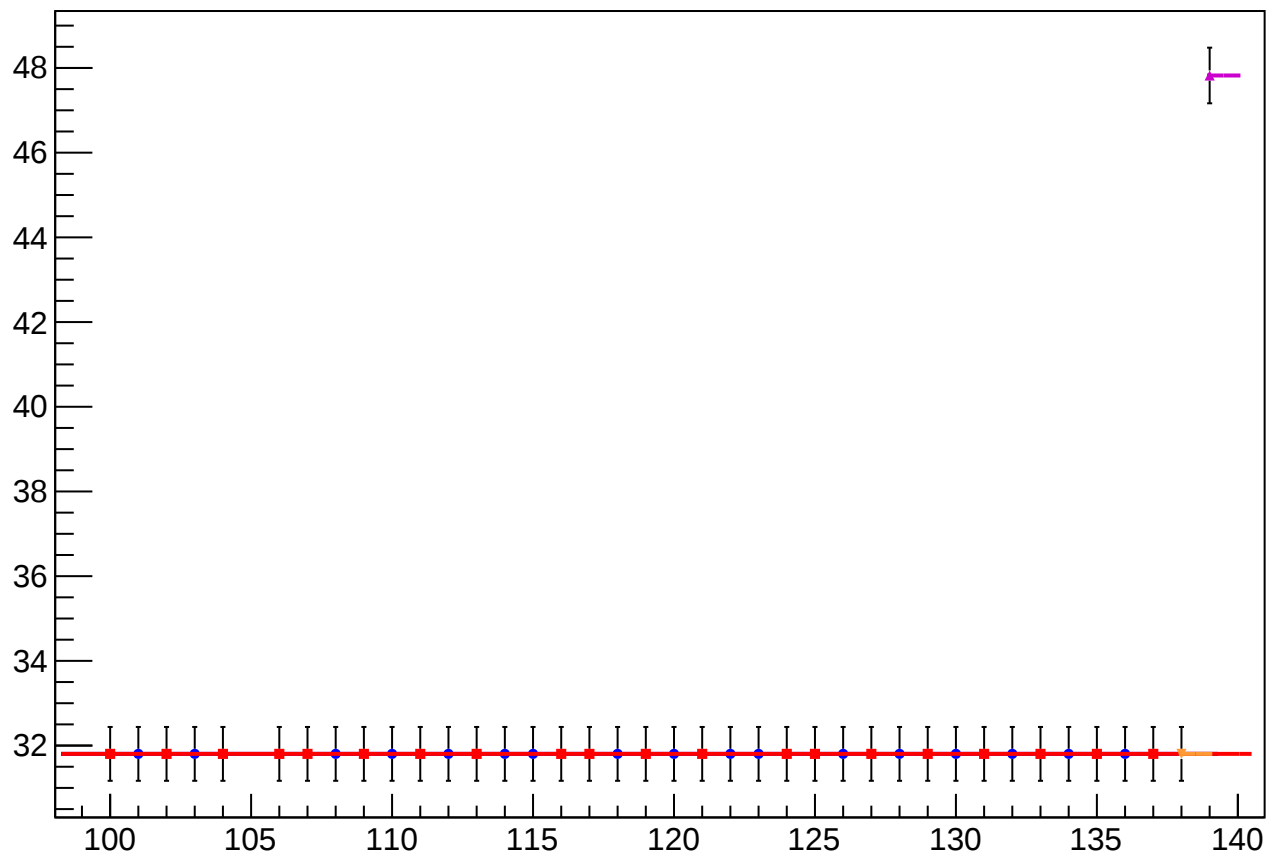
Right Out: -6.485+/-0.127 χ^2/NDF : 0.0/19

Left In: -19.909+/-1.096 χ^2/NDF : 0.0/0

-6.485+/-0.134 χ^2/NDF : 0.0/17

-6.664+/-0.126 χ^2/NDF : 147.9/20

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



Right In: 31.804 $\pm$ 0.154 χ^2 /NDF: 0.0/16

Left Out: 31.804 $\pm$ 0.636 χ^2 /NDF: 0.0/0

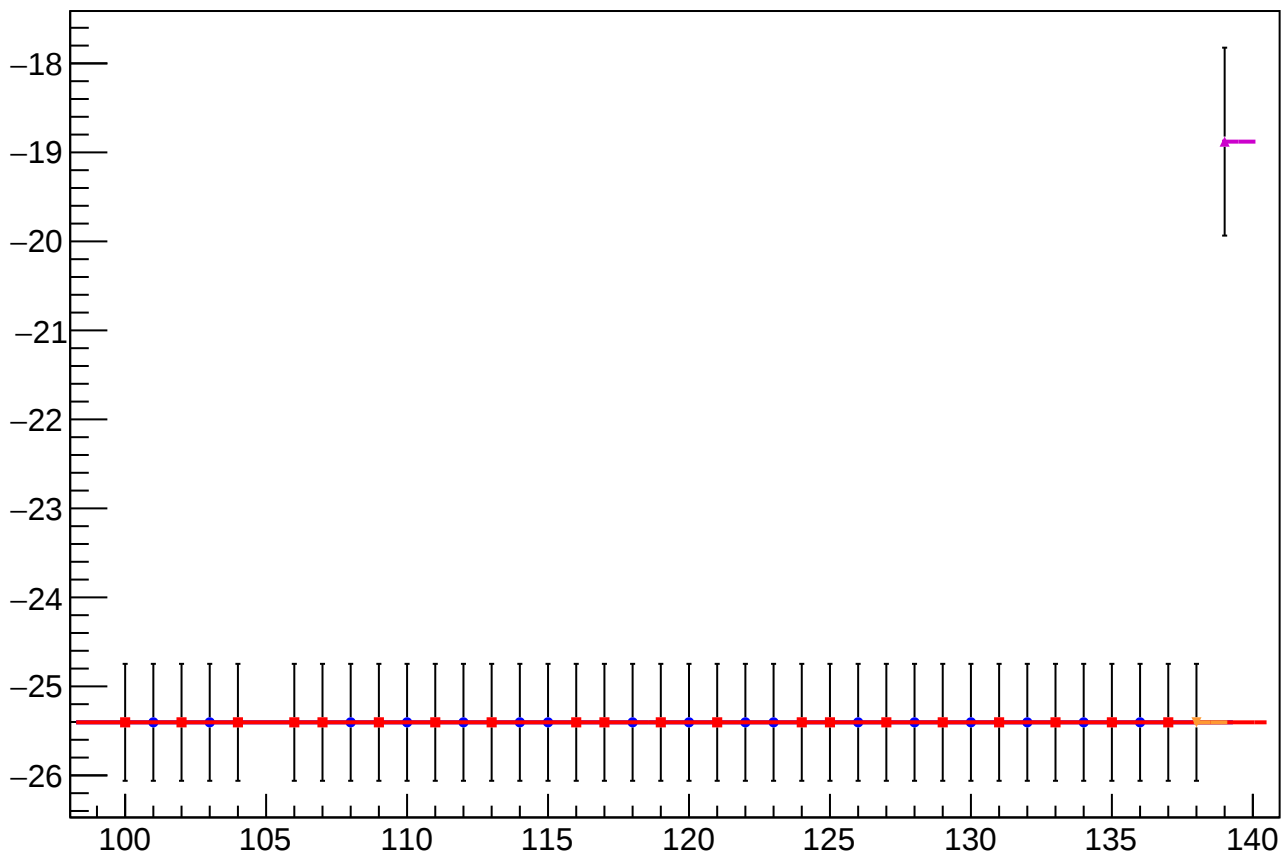
Right Out: 31.804 $\pm$ 0.142 χ^2 /NDF: 0.0/19

Left In: 47.822 $\pm$ 0.657 χ^2 /NDF: 0.0/0

31.804 $\pm$ 0.150 χ^2 /NDF: 0.0/17

32.521 $\pm$ 0.139 χ^2 /NDF: 568.1/20

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



Right In: -25.404 ± 0.159 χ^2/NDF : 0.0/16

Left Out: -25.404 ± 0.657 χ^2/NDF : 0.0/0

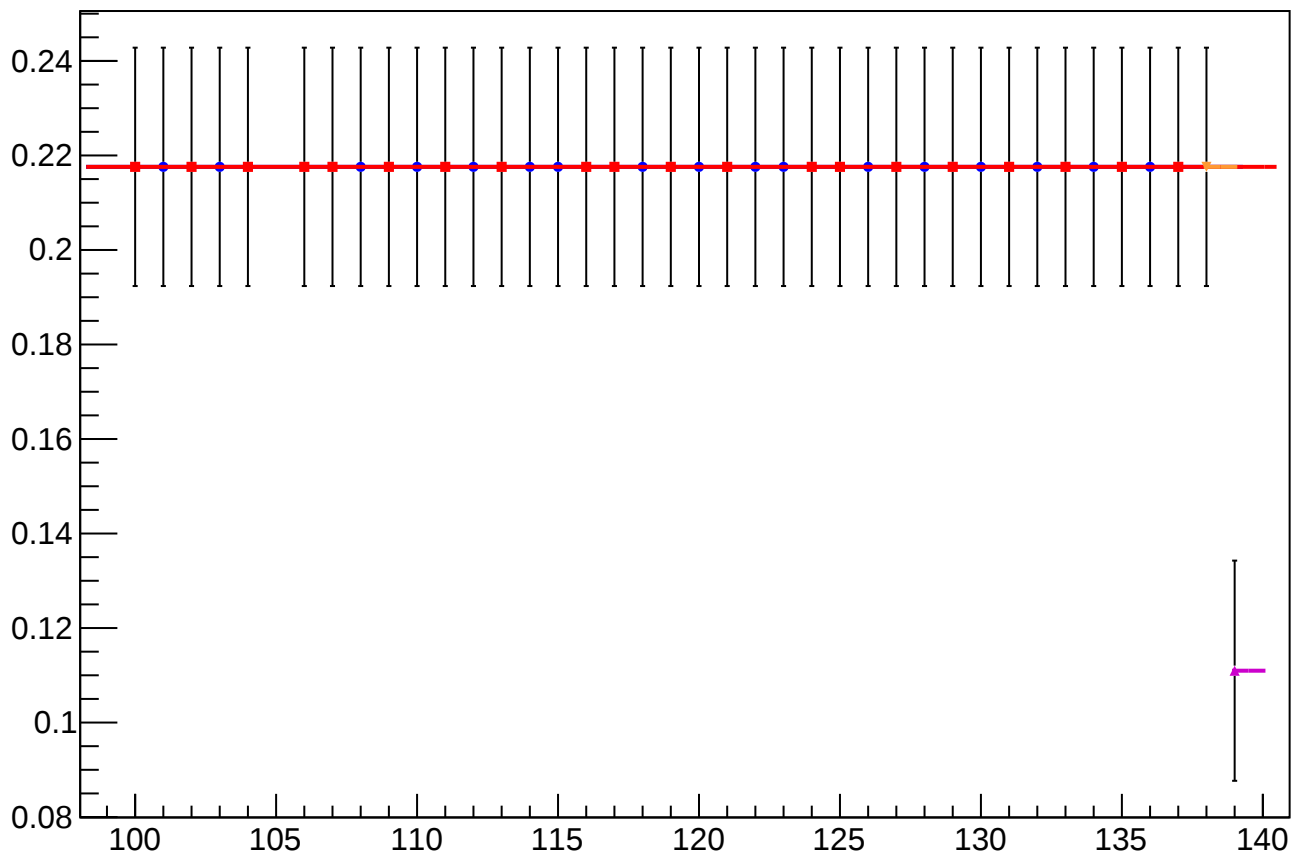
Right Out: -25.404 ± 0.147 χ^2/NDF : 0.0/19

Left In: -18.879 ± 1.056 χ^2/NDF : 0.0/0

-25.404 ± 0.155 χ^2/NDF : 0.0/17

-25.280 ± 0.146 χ^2/NDF : 37.5/20

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.218 ± 0.006 χ^2/NDF : 0.0/16

Left Out: 0.218 ± 0.025 χ^2/NDF : 0.0/0

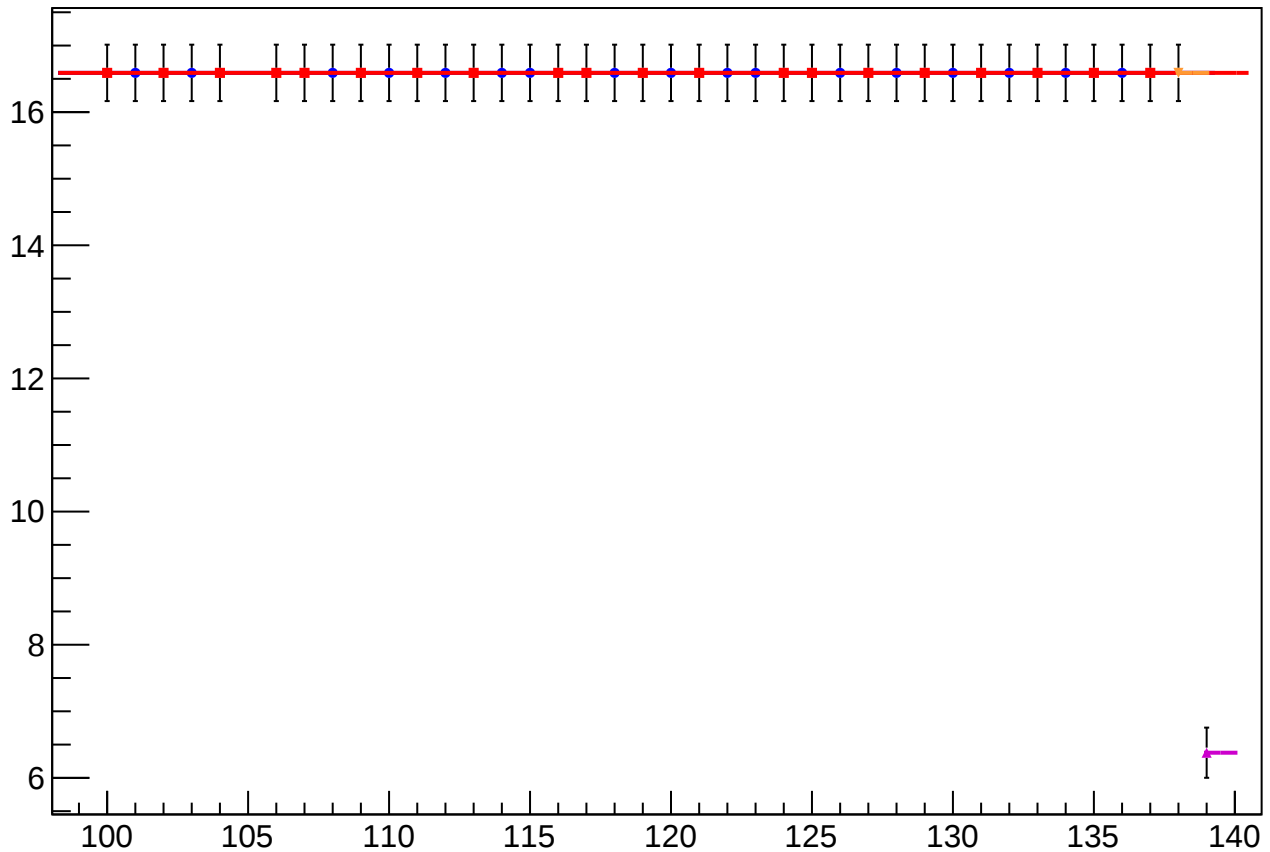
Right Out: 0.218 ± 0.006 χ^2/NDF : 0.0/19

Left In: 0.111 ± 0.023 χ^2/NDF : 0.0/0

0.218 ± 0.006 χ^2/NDF : 0.0/17

0.212 ± 0.005 χ^2/NDF : 19.8/20

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 16.590 $\pm$ 0.103 χ^2 /NDF: 0.0/16

Left Out: 16.590 $\pm$ 0.424 χ^2 /NDF: 0.0/0

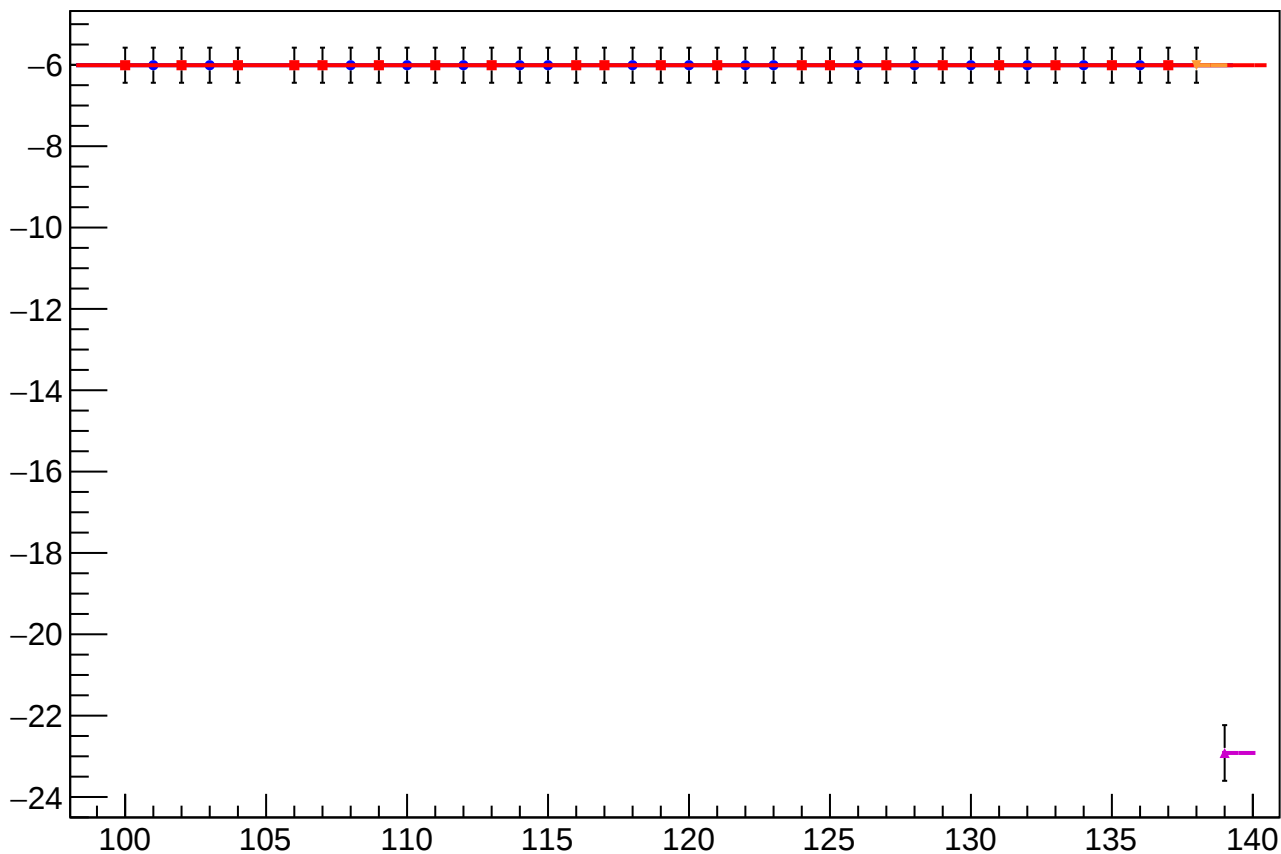
Right Out: 16.590 $\pm$ 0.095 χ^2 /NDF: 0.0/19

Left In: 6.378 $\pm$ 0.377 χ^2 /NDF: 0.0/0

16.590 $\pm$ 0.100 χ^2 /NDF: 0.0/17

15.983 $\pm$ 0.092 χ^2 /NDF: 690.6/20

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: -6.009 $\pm$ 0.105 χ^2 /NDF: 0.0/16

-6.009 $\pm$ 0.102 χ^2 /NDF: 0.0/17

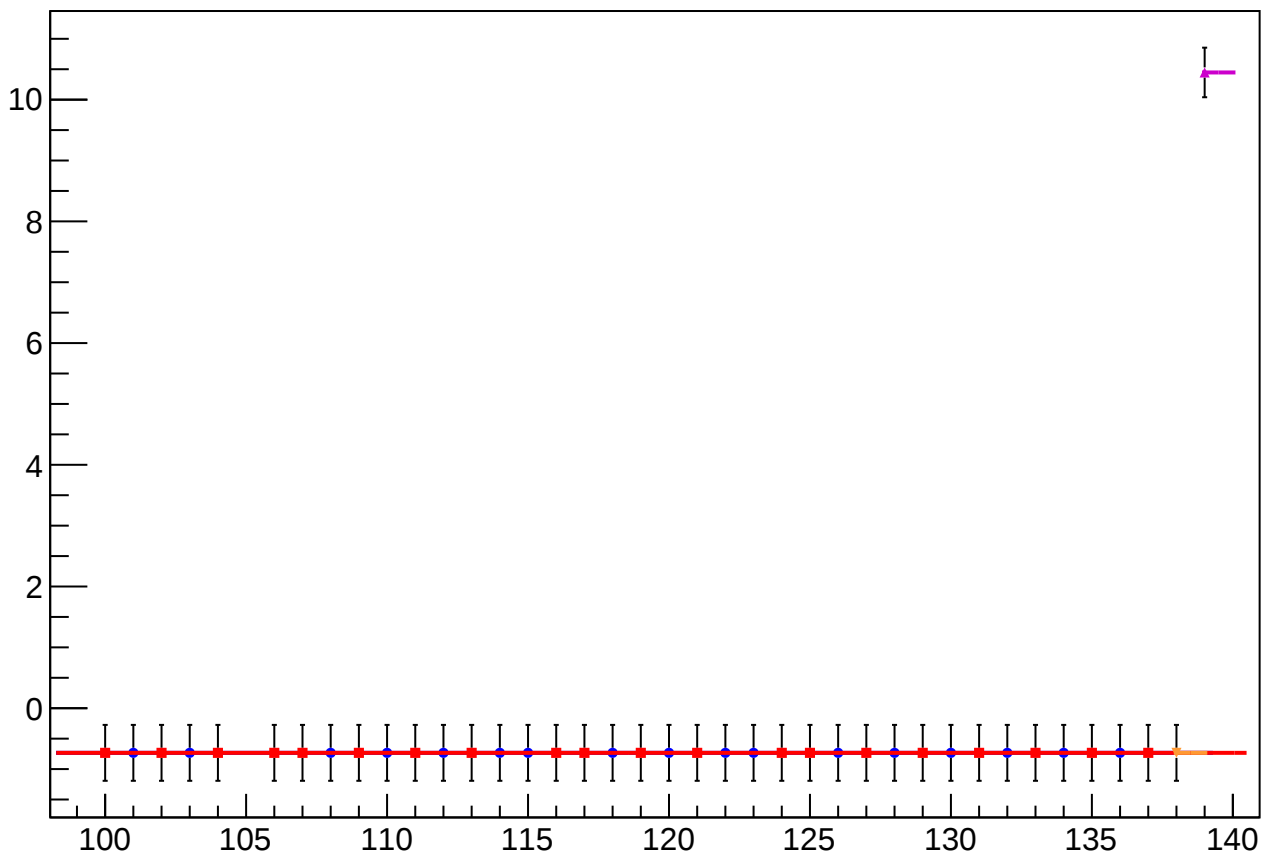
Left Out: -6.009 $\pm$ 0.431 χ^2 /NDF: 0.0/0

Right Out: -6.009 $\pm$ 0.096 χ^2 /NDF: 0.0/19

-6.339 $\pm$ 0.096 χ^2 /NDF: 598.5/20

Left In: -22.918 $\pm$ 0.684 χ^2 /NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: -0.733 ± 0.111 χ^2/NDF : 0.0/16

Left Out: -0.733 ± 0.459 χ^2/NDF : 0.0/0

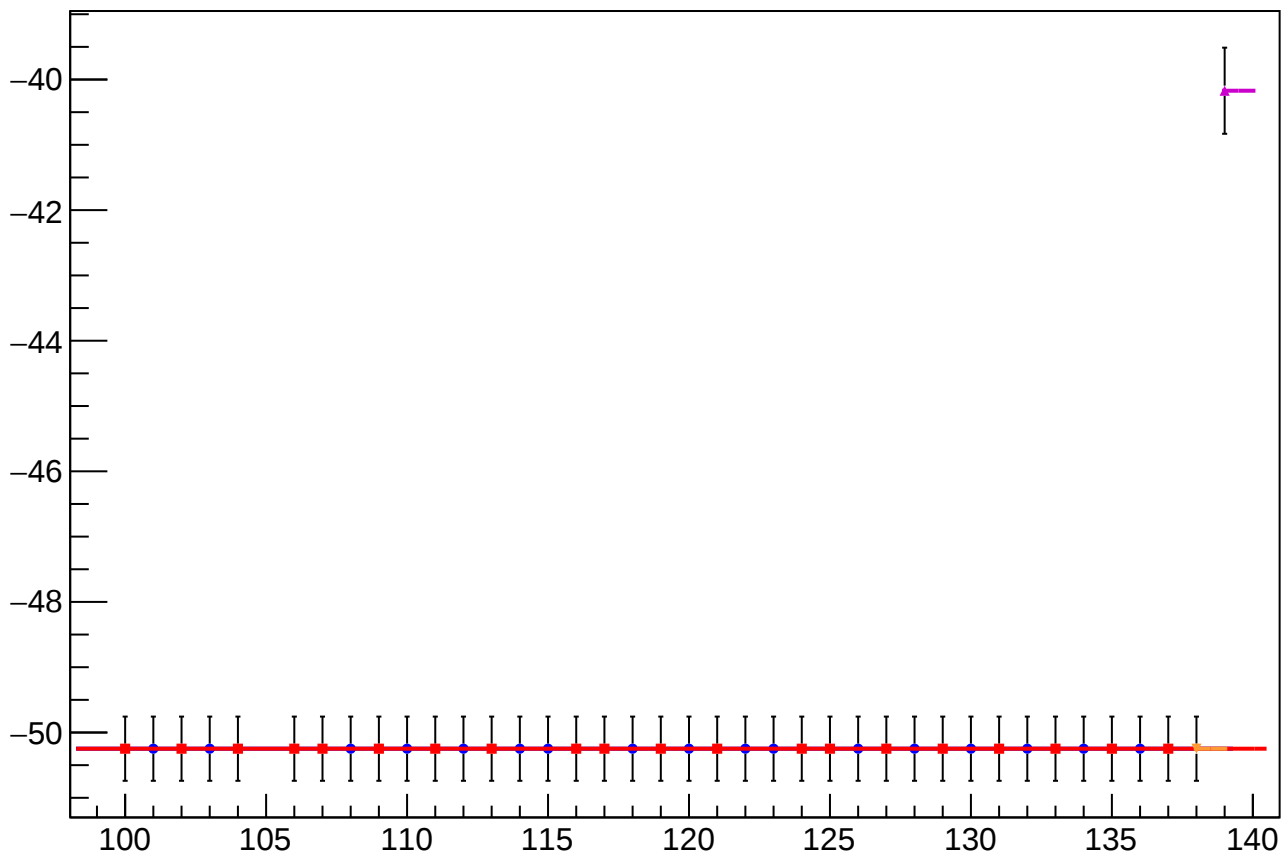
Right Out: -0.733 ± 0.103 χ^2/NDF : 0.0/19

Left In: 10.447 ± 0.407 χ^2/NDF : 0.0/0

-0.733 ± 0.108 χ^2/NDF : 0.0/17

-0.065 ± 0.100 χ^2/NDF : 708.5/20

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



Right In: -50.248 $\pm$ 0.119 χ^2 /NDF: 0.0/16

Left Out: -50.248 $\pm$ 0.492 χ^2 /NDF: 0.0/0

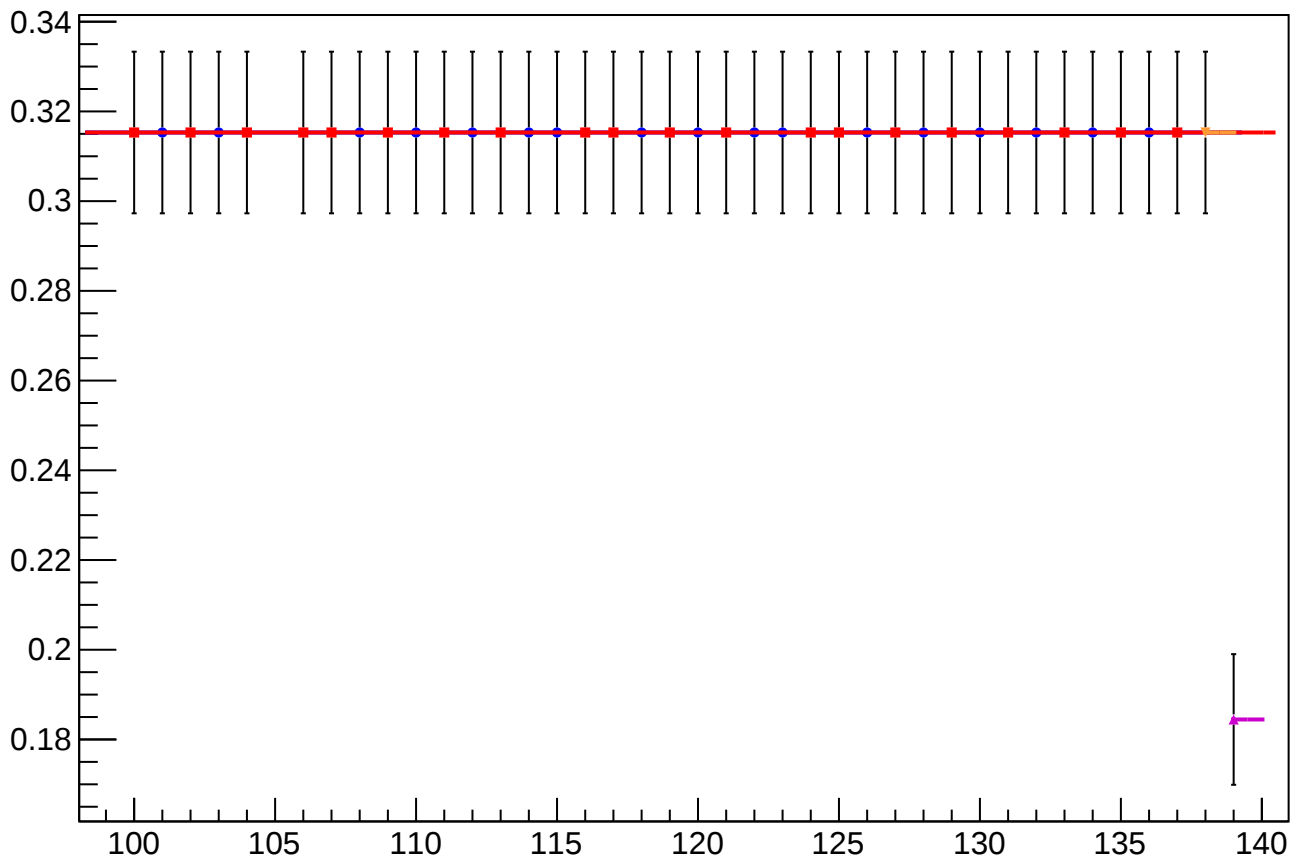
Right Out: -50.248 $\pm$ 0.110 χ^2 /NDF: 0.0/19

Left In: -40.172 $\pm$ 0.659 χ^2 /NDF: 0.0/0

-50.248 $\pm$ 0.116 χ^2 /NDF: 0.0/17

-49.975 $\pm$ 0.108 χ^2 /NDF: 227.2/20

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.315 $\pm$ 0.004 χ^2 /NDF: 0.0/16

Left Out: 0.315 $\pm$ 0.018 χ^2 /NDF: 0.0/0

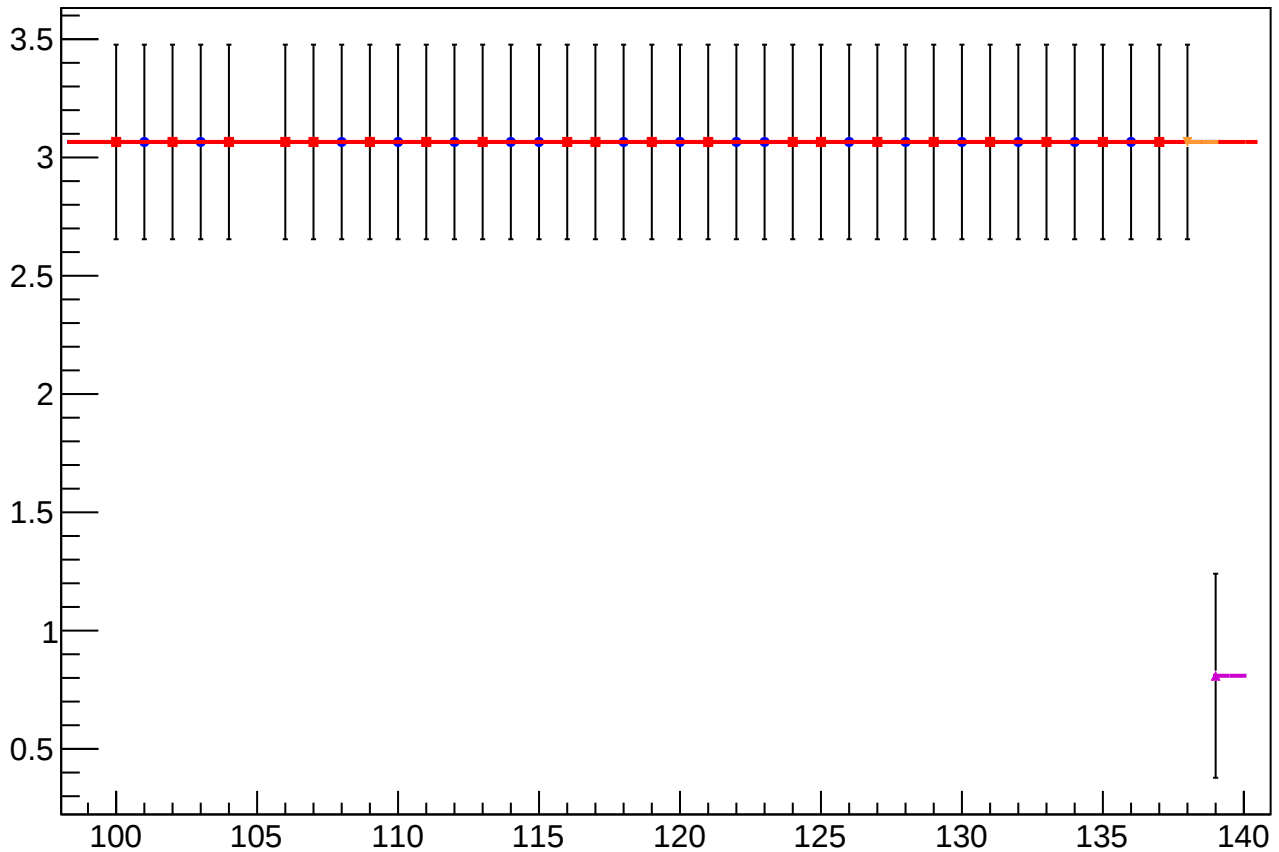
Right Out: 0.315 $\pm$ 0.004 χ^2 /NDF: 0.0/19

Left In: 0.184 $\pm$ 0.015 χ^2 /NDF: 0.0/0

0.315 $\pm$ 0.004 χ^2 /NDF: 0.0/17

0.306 $\pm$ 0.004 χ^2 /NDF: 75.0/20

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 3.066 $\pm$ 0.100 χ^2 /NDF: 0.0/16

Left Out: 3.066 $\pm$ 0.411 χ^2 /NDF: 0.0/0

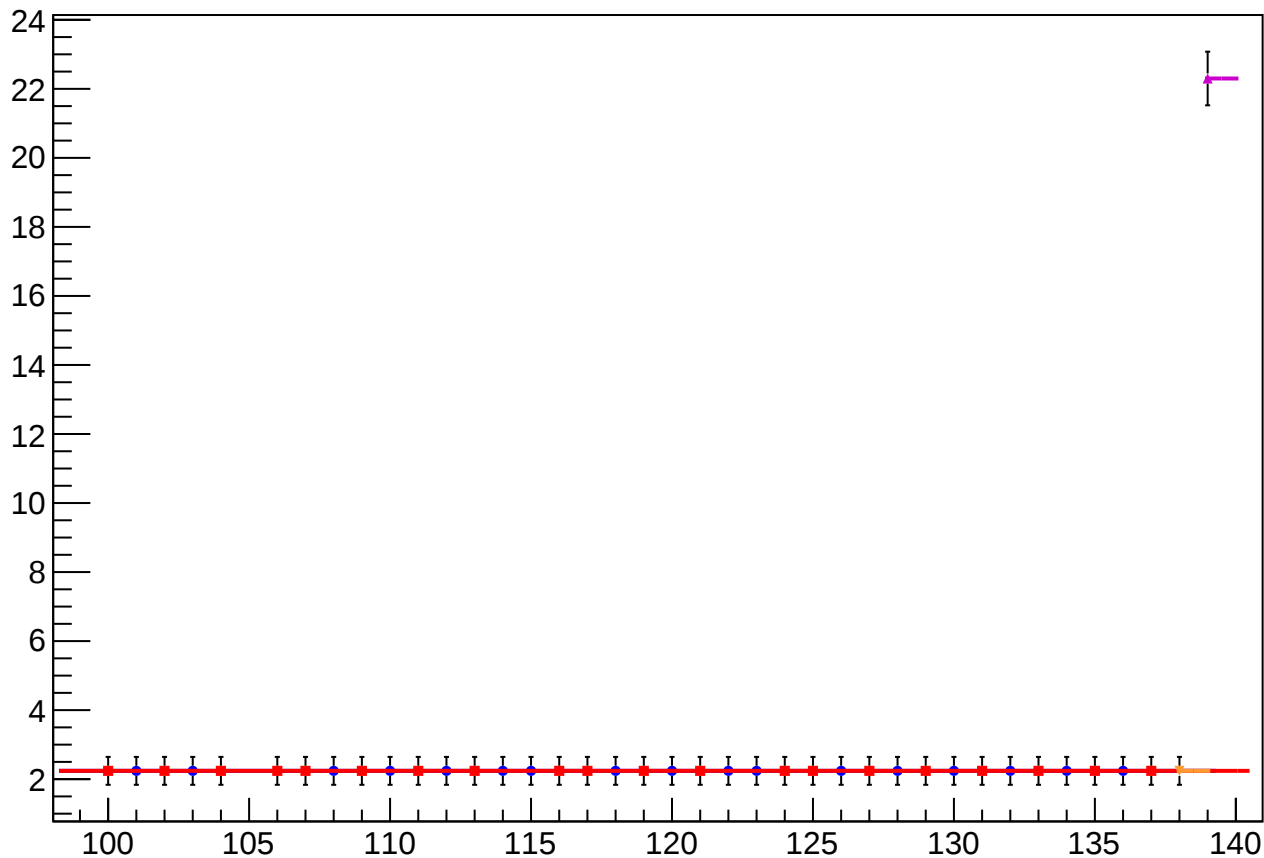
Right Out: 3.066 $\pm$ 0.092 χ^2 /NDF: 0.0/19

Left In: 0.809 $\pm$ 0.431 χ^2 /NDF: 0.0/0

3.066 $\pm$ 0.097 χ^2 /NDF: 0.0/17

2.967 $\pm$ 0.090 χ^2 /NDF: 26.2/20

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: 2.241 $\pm$ 0.098 χ^2 /NDF: 0.0/16

Left Out: 2.241 $\pm$ 0.404 χ^2 /NDF: 0.0/0

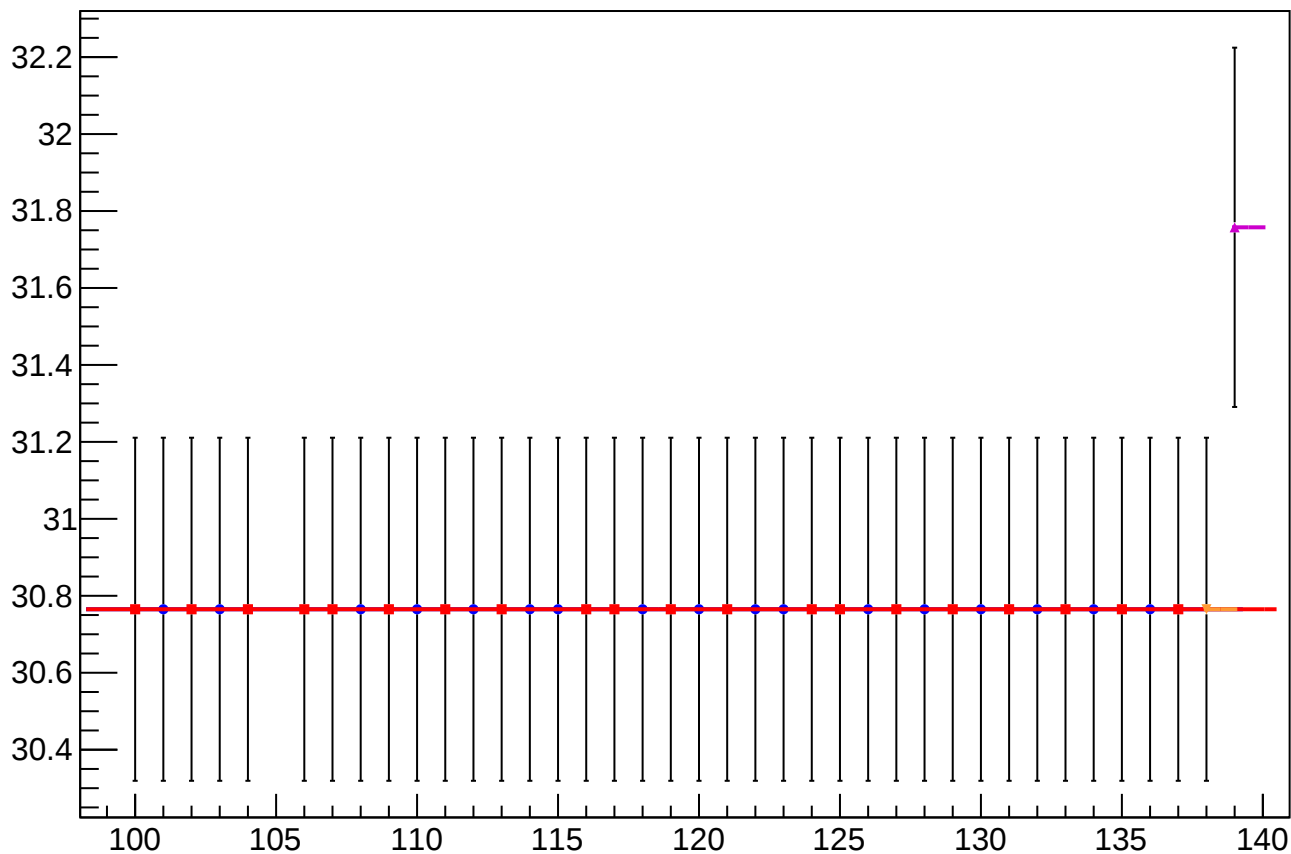
Right Out: 2.241 $\pm$ 0.090 χ^2 /NDF: 0.0/19

Left In: 22.300 $\pm$ 0.777 χ^2 /NDF: 0.0/0

2.241 $\pm$ 0.095 χ^2 /NDF: 0.0/17

2.508 $\pm$ 0.090 χ^2 /NDF: 657.3/20

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



Right In: 30.765 $\pm$ 0.108 χ^2 /NDF: 0.0/16

Left Out: 30.765 $\pm$ 0.446 χ^2 /NDF: 0.0/0

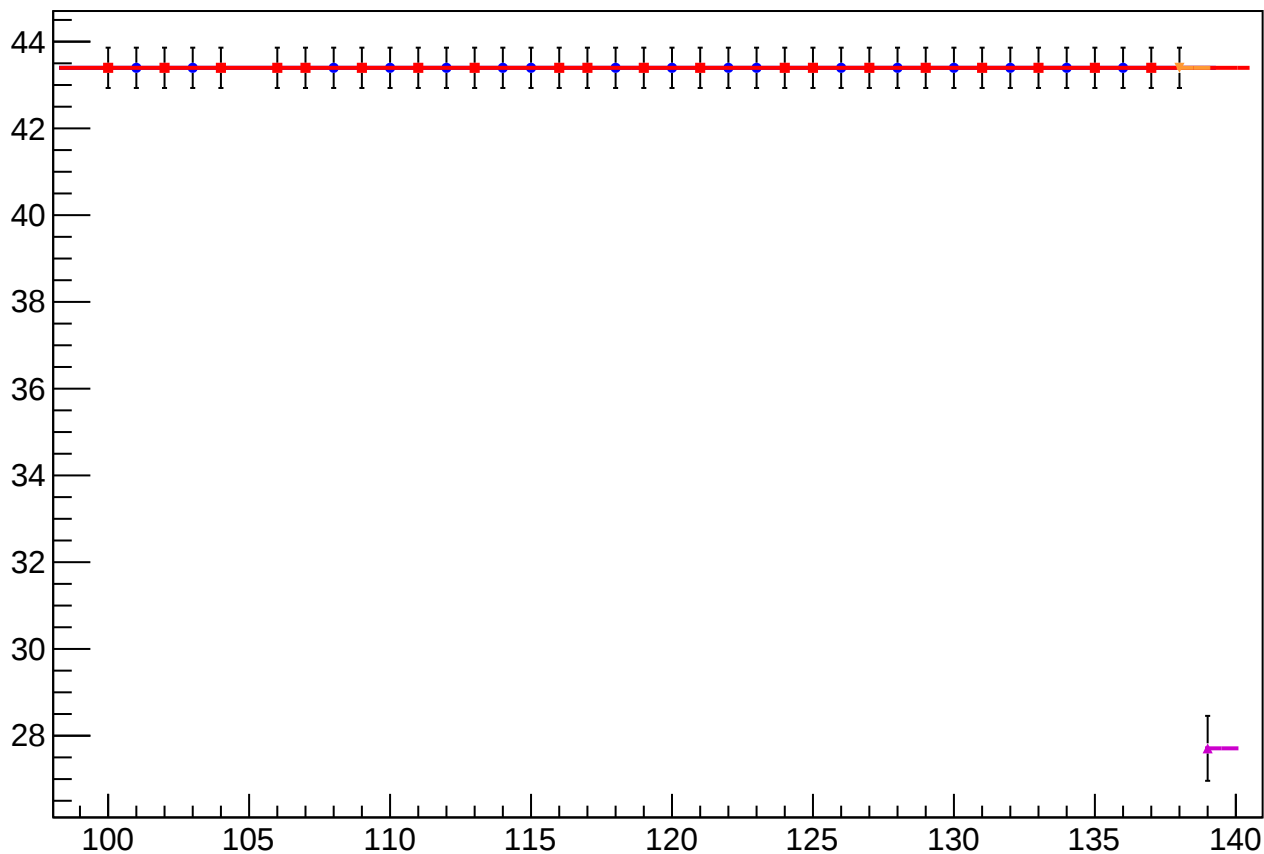
Right Out: 30.765 $\pm$ 0.100 χ^2 /NDF: 0.0/19

Left In: 31.758 $\pm$ 0.467 χ^2 /NDF: 0.0/0

30.765 $\pm$ 0.105 χ^2 /NDF: 0.0/17

30.808 $\pm$ 0.097 χ^2 /NDF: 4.3/20

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



Right In: 43.396 $\pm$ 0.113 χ^2 /NDF: 0.0/16

Left Out: 43.396 $\pm$ 0.465 χ^2 /NDF:0.0/0

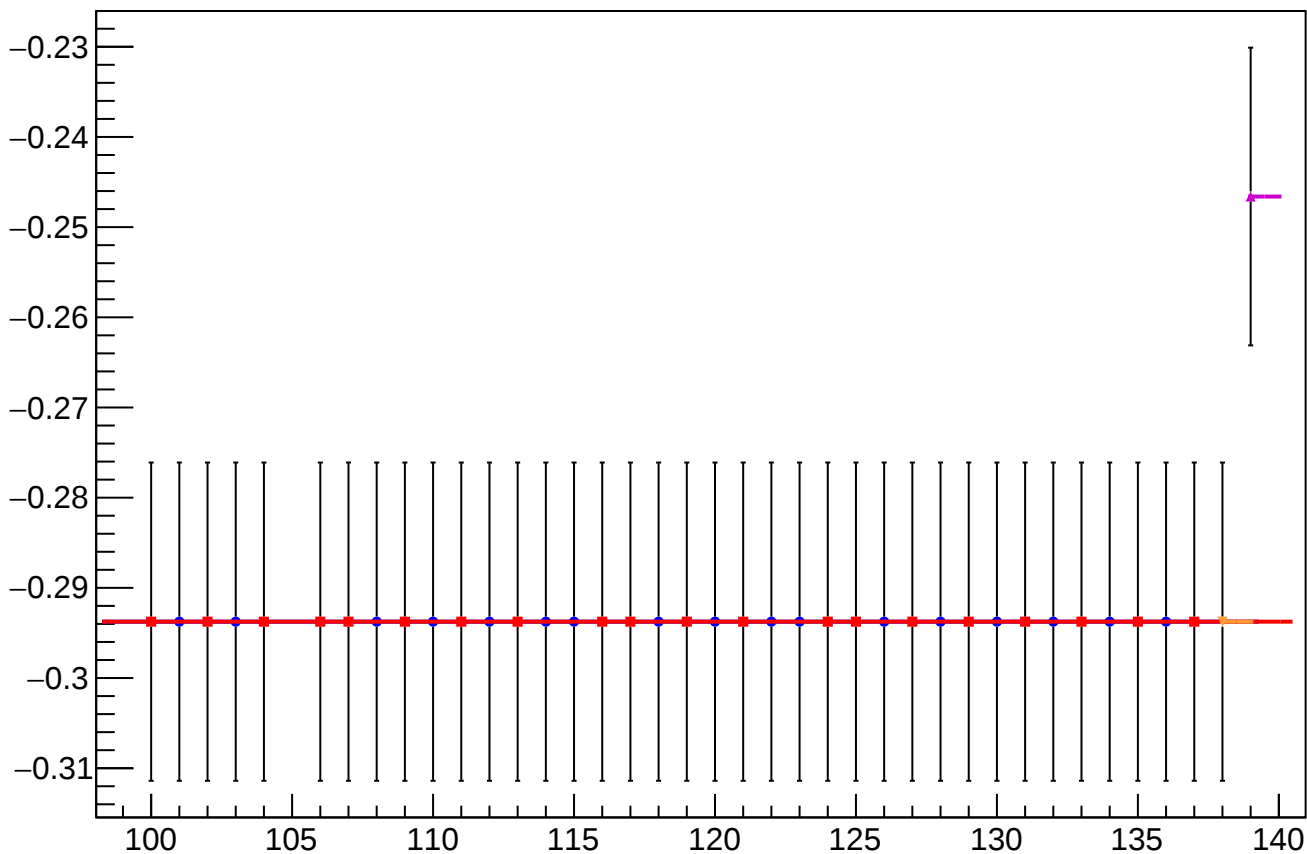
Right Out: 43.396 $\pm$ 0.104 χ^2 /NDF: 0.0/19

Left In: 27.709 $\pm$ 0.748 χ^2 /NDF:0.0/0

43.396 $\pm$ 0.110 χ^2 /NDF: 0.0/17

43.099 $\pm$ 0.103 χ^2 /NDF: 431.2/20

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.294 $\pm$ 0.004 χ^2 /NDF: 0.0/16

Left Out: -0.294 $\pm$ 0.018 χ^2 /NDF: 0.0/0

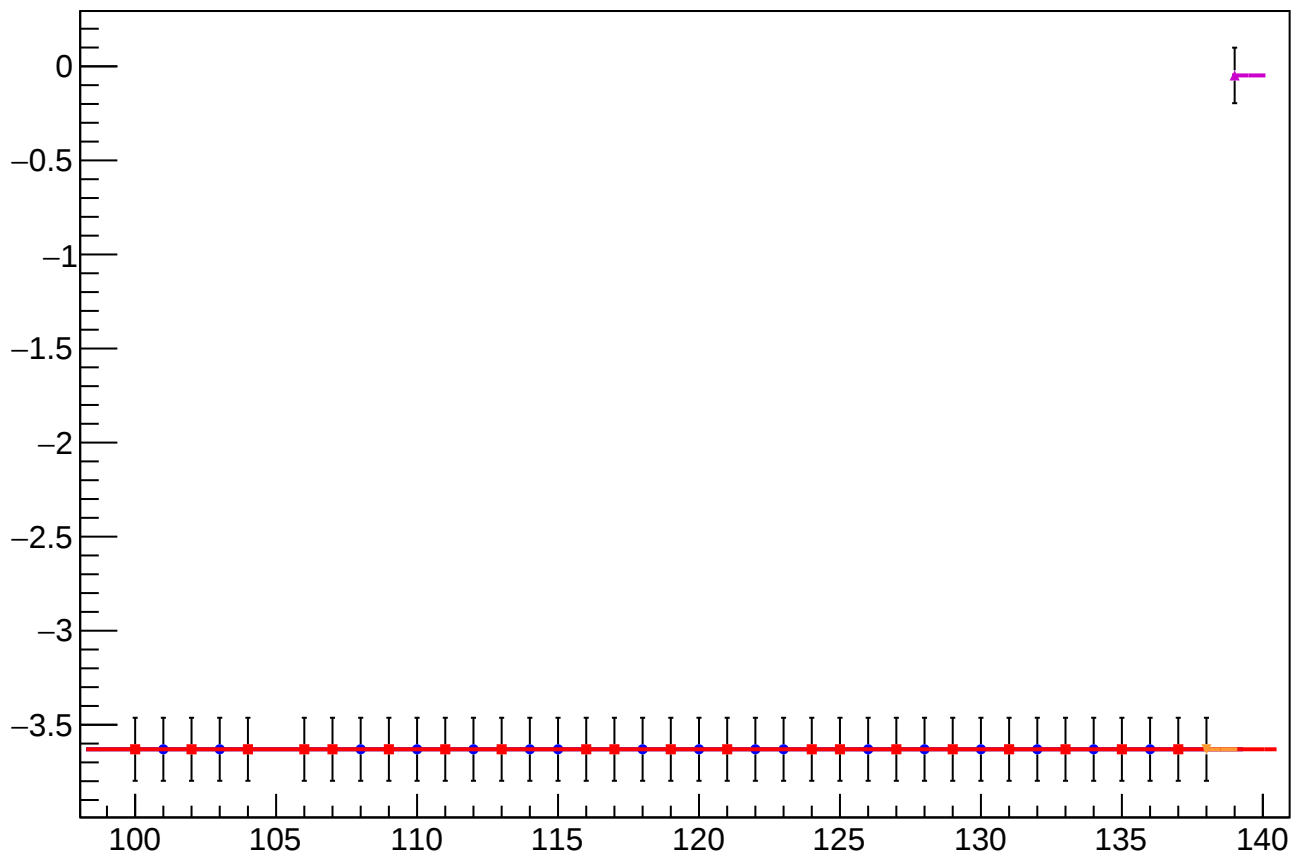
Right Out: -0.294 $\pm$ 0.004 χ^2 /NDF: 0.0/19

Left In: -0.247 $\pm$ 0.017 χ^2 /NDF: 0.0/0

-0.294 $\pm$ 0.004 χ^2 /NDF: 0.0/17

-0.291 $\pm$ 0.004 χ^2 /NDF: 7.7/20

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: -3.630 ± 0.041 χ^2/NDF : 0.0/16

Left Out: -3.630 ± 0.168 χ^2/NDF : 0.0/0

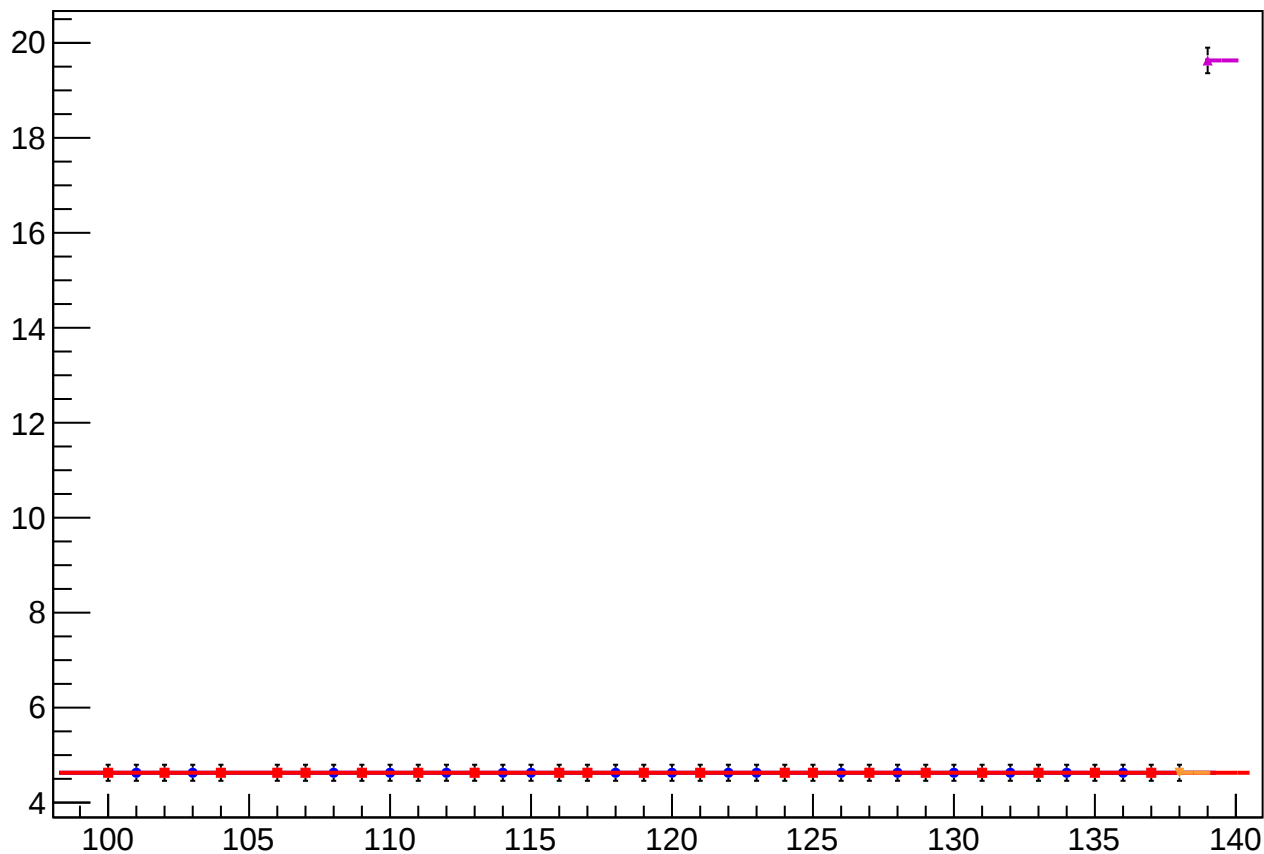
Right Out: -3.630 ± 0.037 χ^2/NDF : 0.0/19

Left In: -0.048 ± 0.148 χ^2/NDF : 0.0/0

-3.630 ± 0.039 χ^2/NDF : 0.0/17

-3.413 ± 0.036 χ^2/NDF : 553.5/20

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 4.628 $\pm$ 0.041 χ^2 /NDF: 0.0/16

Left Out: 4.628 $\pm$ 0.169 χ^2 /NDF: 0.0/0

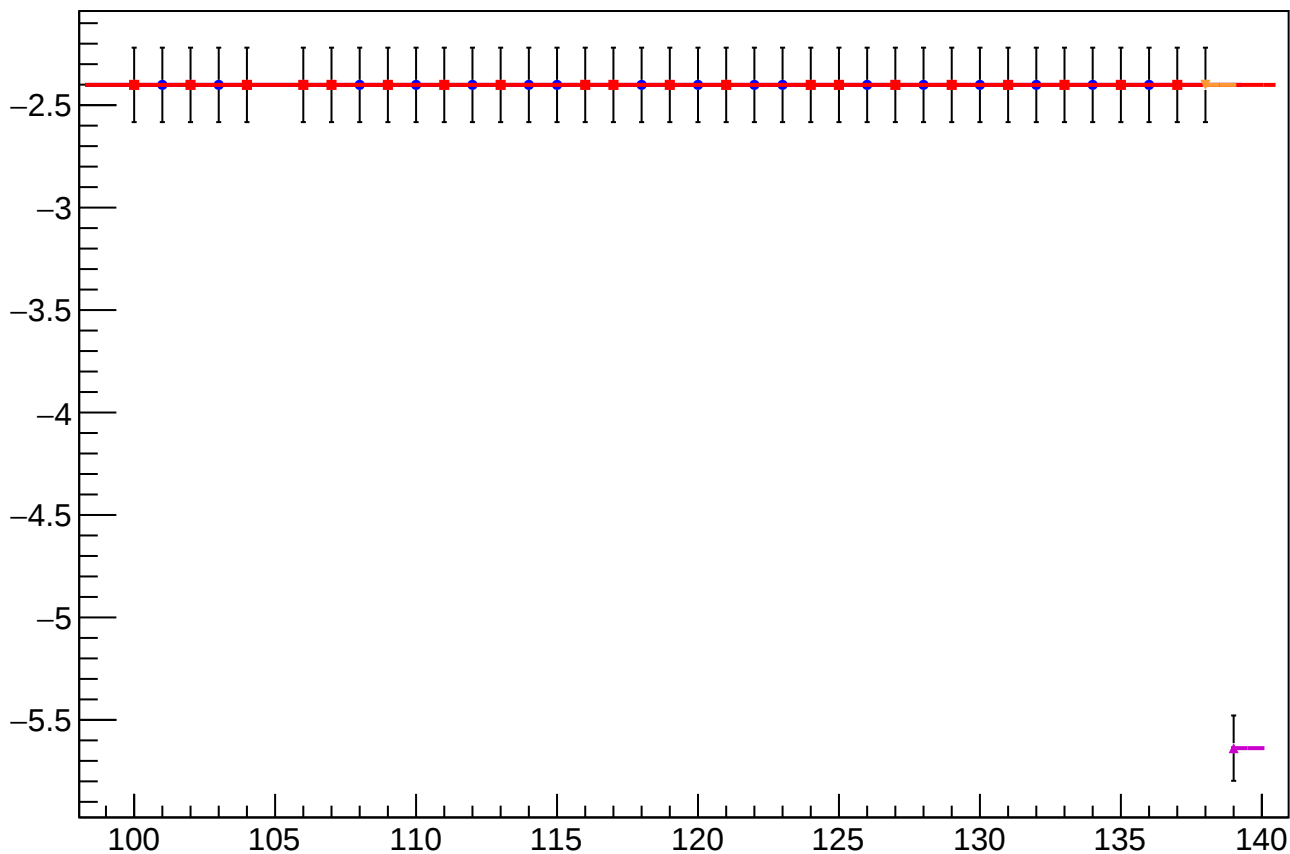
Right Out: 4.628 $\pm$ 0.038 χ^2 /NDF: 0.0/19

Left In: 19.630 $\pm$ 0.269 χ^2 /NDF: 0.0/0

4.628 $\pm$ 0.040 χ^2 /NDF: 0.0/17

4.919 $\pm$ 0.037 χ^2 /NDF: 3049.9/20

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: -2.401 $\pm$ 0.044 χ^2 /NDF: 0.0/16

Left Out: -2.401 $\pm$ 0.182 χ^2 /NDF: 0.0/0

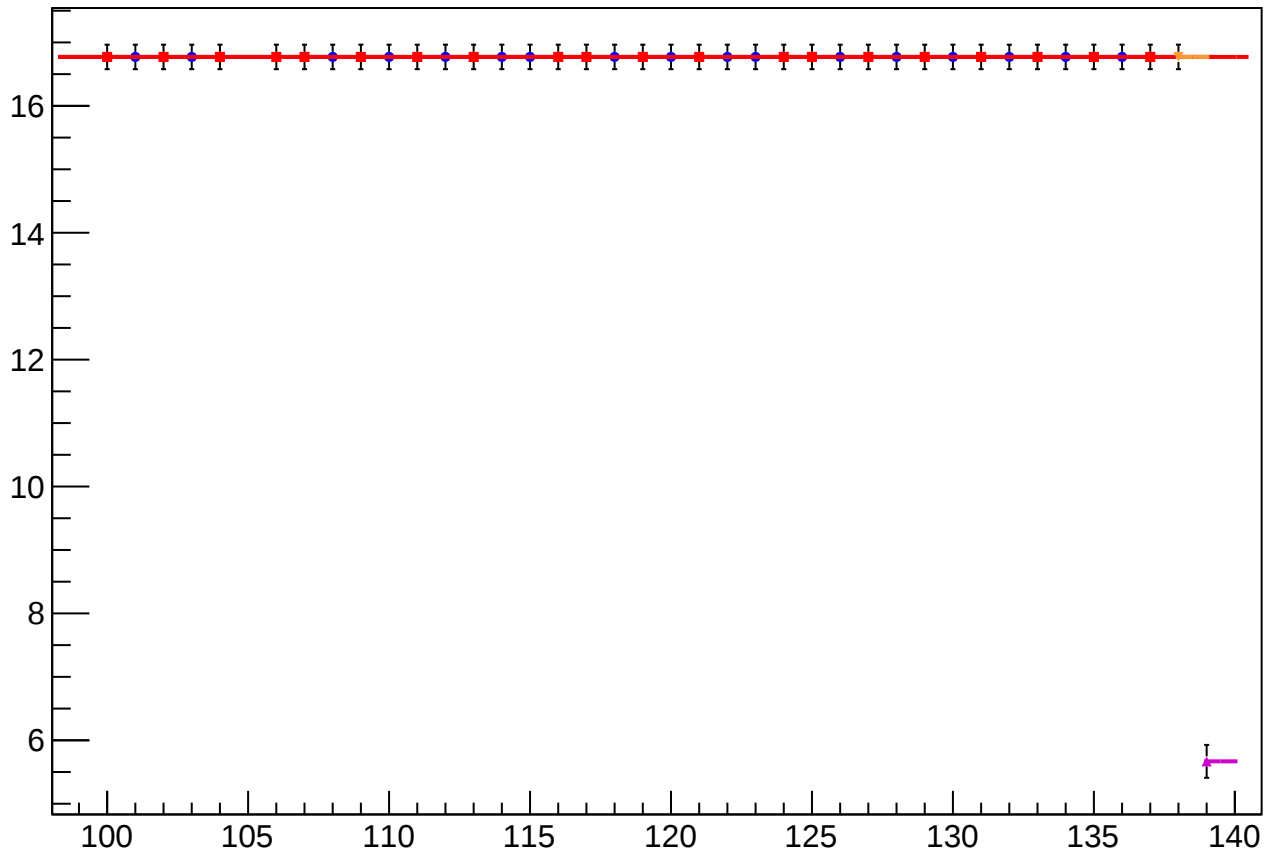
Right Out: -2.401 $\pm$ 0.041 χ^2 /NDF: 0.0/19

Left In: -5.638 $\pm$ 0.159 χ^2 /NDF: 0.0/0

-2.401 $\pm$ 0.043 χ^2 /NDF: 0.0/17

-2.599 $\pm$ 0.039 χ^2 /NDF: 387.3/20

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



Right In: 16.771 $\pm$ 0.047 χ^2 /NDF: 0.0/16

Left Out: 16.771 $\pm$ 0.193 χ^2 /NDF: 0.0/0

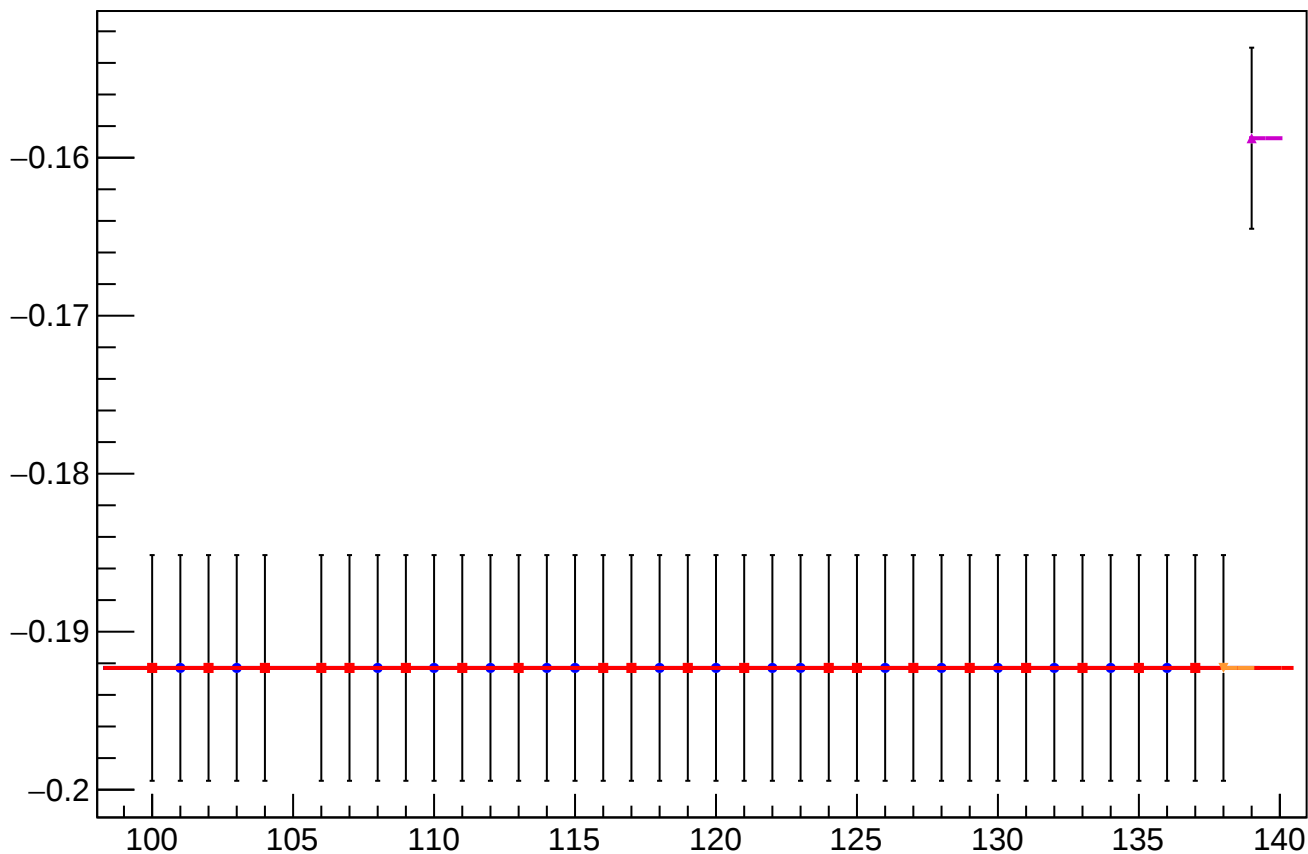
Right Out: 16.771 $\pm$ 0.043 χ^2 /NDF: 0.0/19

Left In: 5.668 $\pm$ 0.259 χ^2 /NDF: 0.0/0

16.771 $\pm$ 0.046 χ^2 /NDF: 0.0/17

16.472 $\pm$ 0.043 χ^2 /NDF: 1784.2/20

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.192 $\pm$ 0.002 χ^2 /NDF: 0.0/16

Left Out: -0.192 $\pm$ 0.007 χ^2 /NDF: 0.0/0

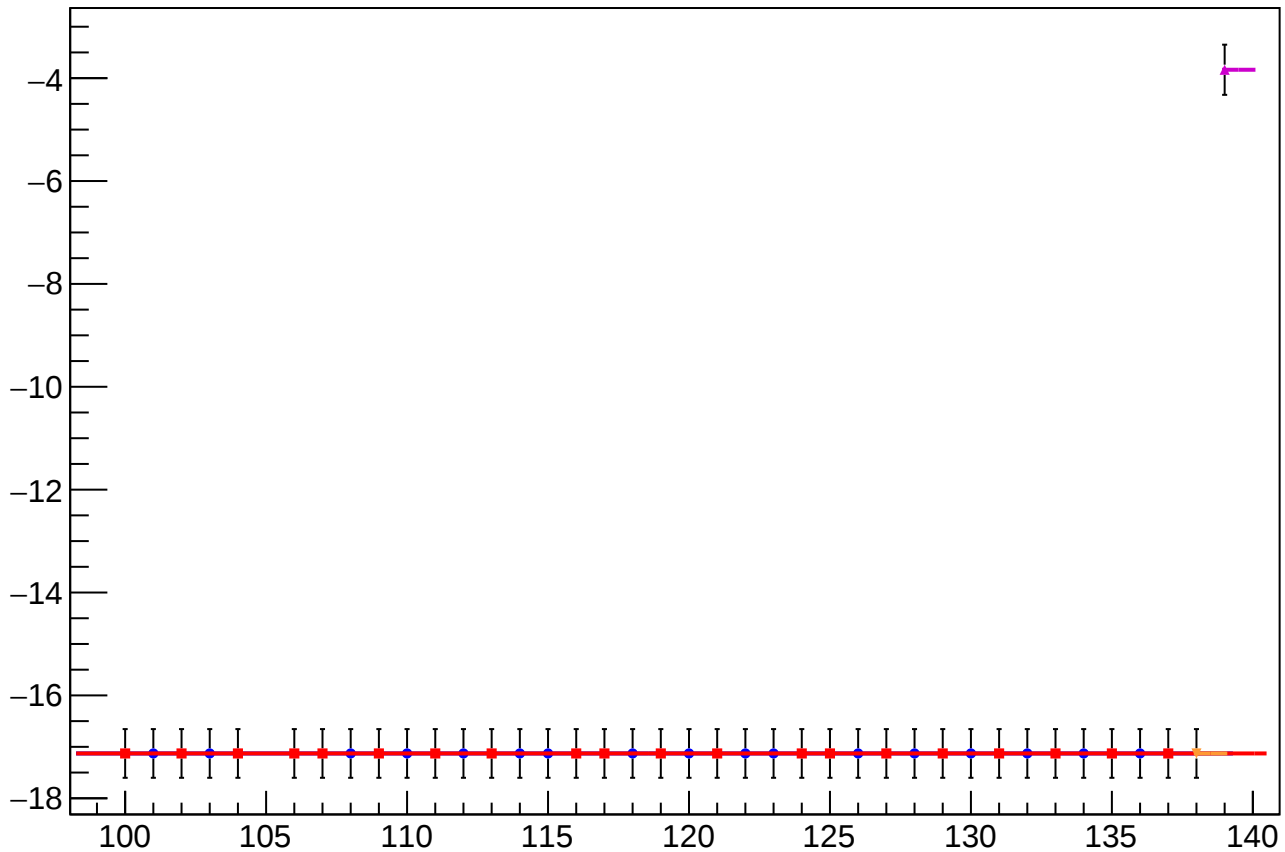
Right Out: -0.192 $\pm$ 0.002 χ^2 /NDF: 0.0/19

Left In: -0.159 $\pm$ 0.006 χ^2 /NDF: 0.0/0

-0.192 $\pm$ 0.002 χ^2 /NDF: 0.0/17

-0.190 $\pm$ 0.002 χ^2 /NDF: 31.8/20

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: -17.128+/-0.115 χ^2/NDF : 0.0/16

Left Out: -17.128+/-0.473 χ^2/NDF : 0.0/0

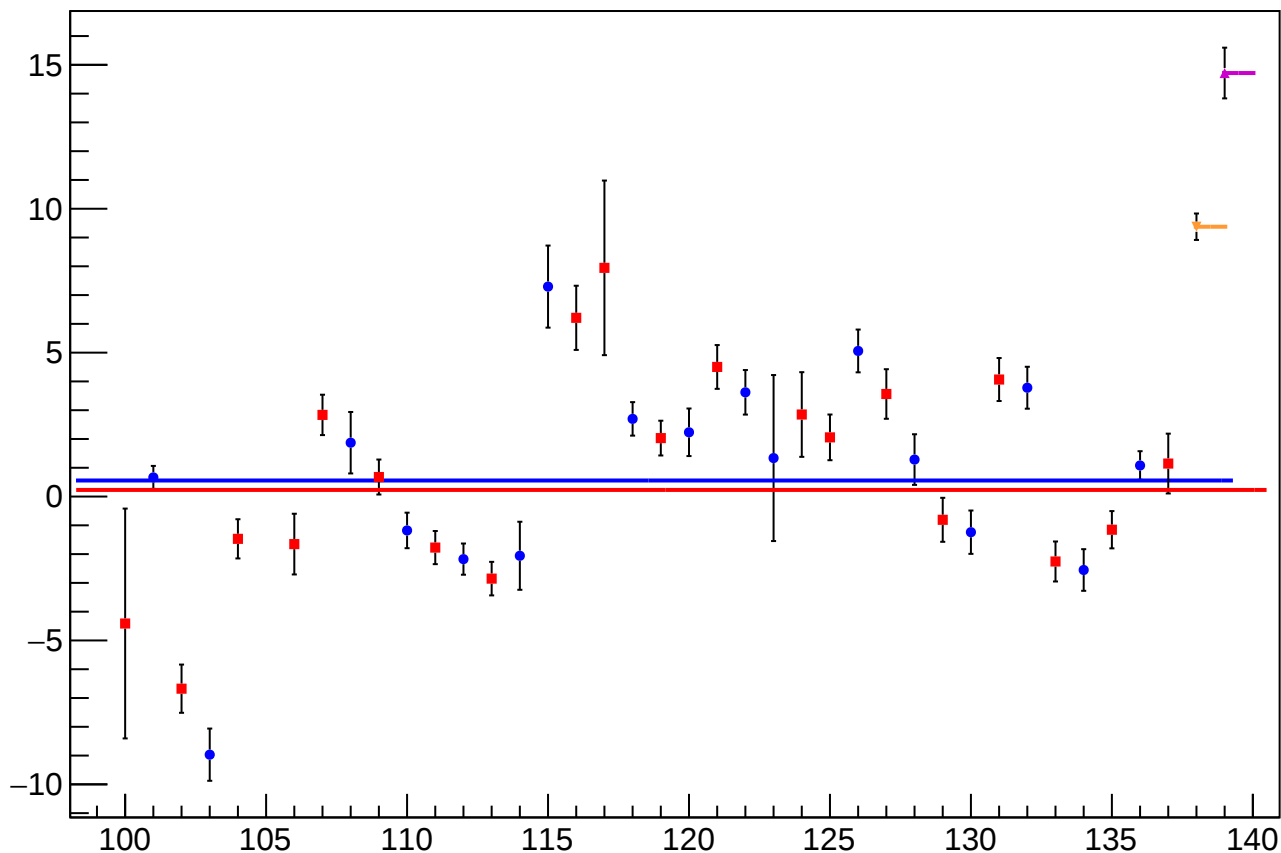
Right Out: -17.128+/-0.106 χ^2/NDF : 0.0/19

Left In: -3.837+/-0.488 χ^2/NDF : 0.0/0

-17.128+/-0.112 χ^2/NDF : 0.0/17

-16.530+/-0.103 χ^2/NDF : 709.4/20

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 0.558 $\pm$ 0.170 χ^2 /NDF: 287.9/16

Left Out: 9.375 $\pm$ 0.459 χ^2 /NDF: 0.0/0

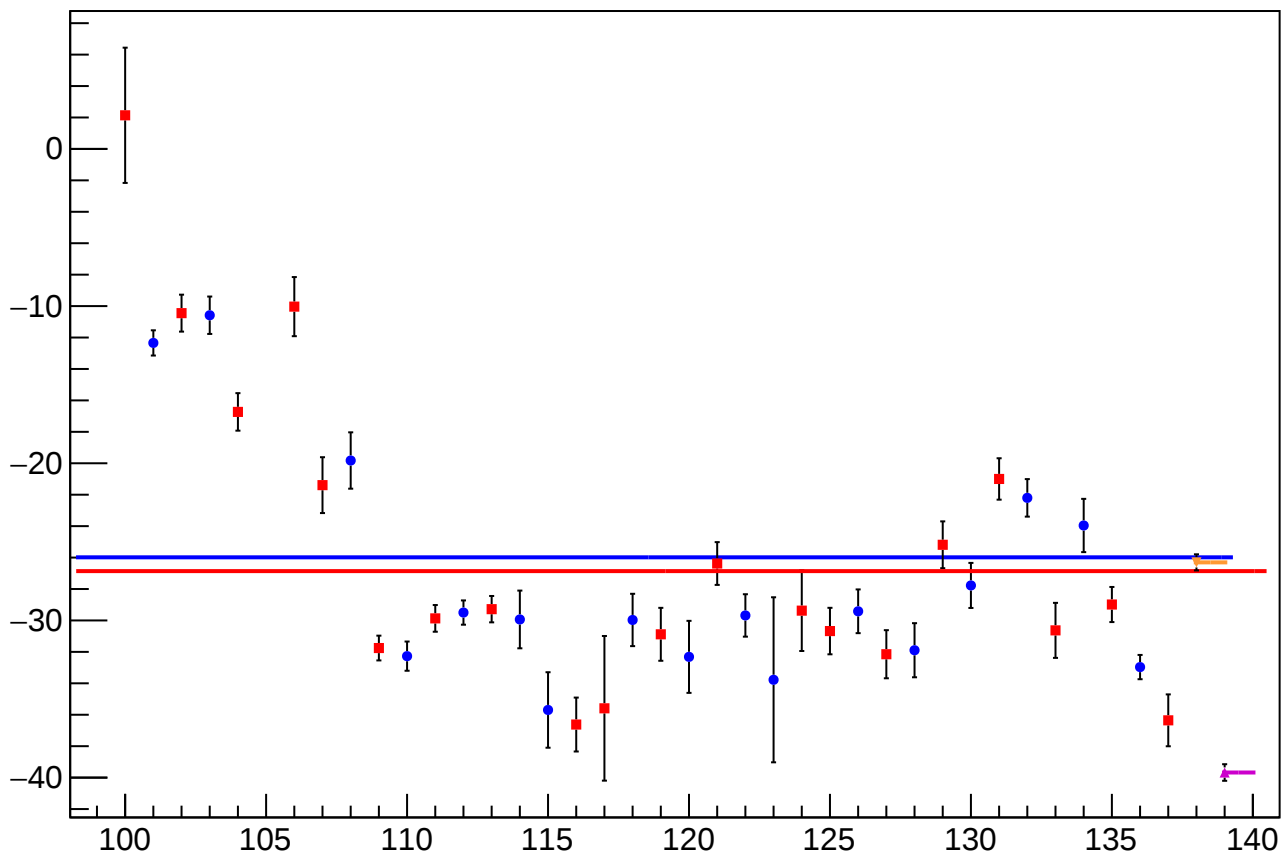
Right Out: 0.230 $\pm$ 0.174 χ^2 /NDF: 278.5/19

Left In: 14.715 $\pm$ 0.881 χ^2 /NDF: 0.0/0

1.621 $\pm$ 0.160 χ^2 /NDF: 611.8/17

0.775 $\pm$ 0.171 χ^2 /NDF: 538.6/20

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -25.984 $\pm$ 0.300 χ^2 /NDF: 691.5/16

Left Out: -26.306 $\pm$ 0.513 χ^2 /NDF: 0.0/0

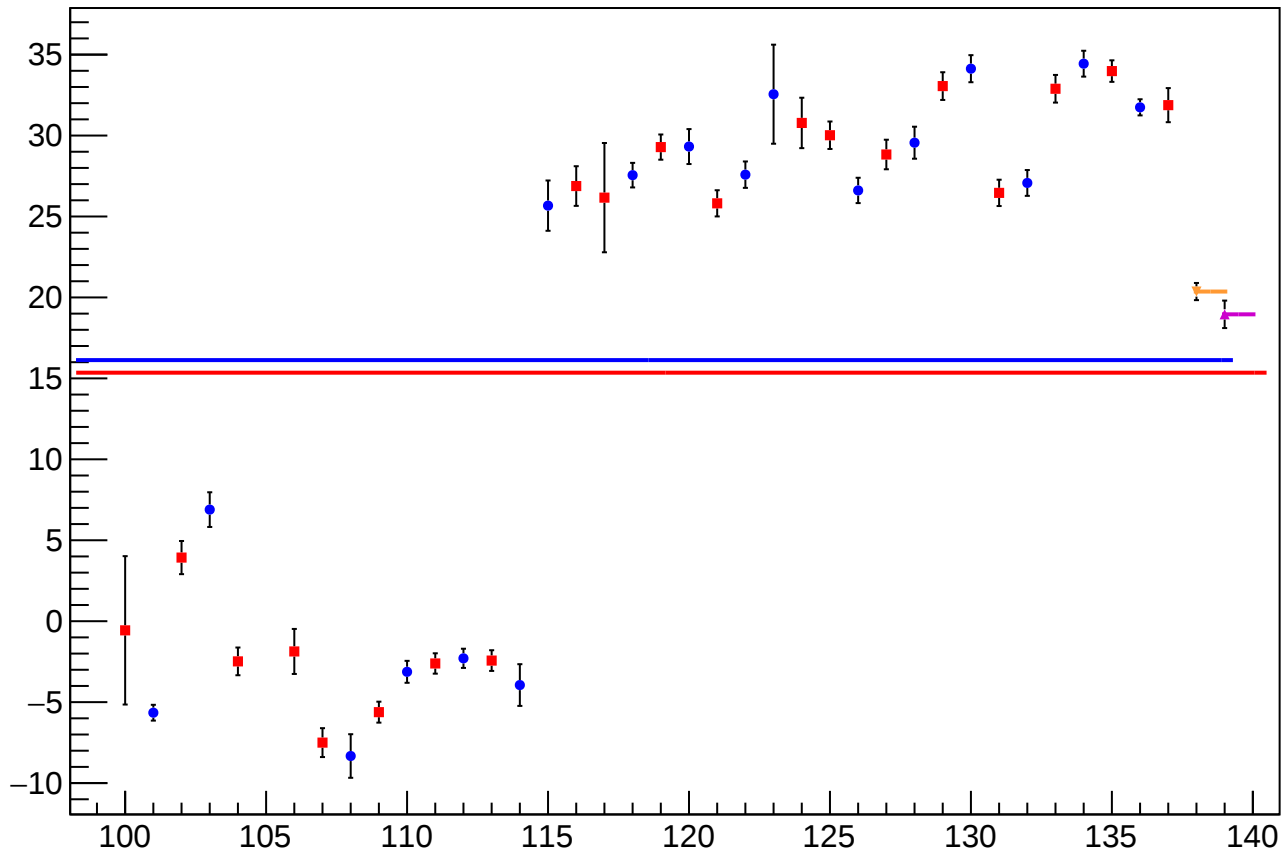
Right Out: -26.861 $\pm$ 0.297 χ^2 /NDF: 585.2/19

Left In: -39.675 $\pm$ 0.528 χ^2 /NDF: 0.0/0

-26.066 $\pm$ 0.259 χ^2 /NDF: 691.8/17

-29.944 $\pm$ 0.259 χ^2 /NDF: 1032.9/20

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.129+/-0.192 χ^2 /NDF: 7572.5/16

Left Out: 20.364+/-0.530 χ^2 /NDF:0.0/0

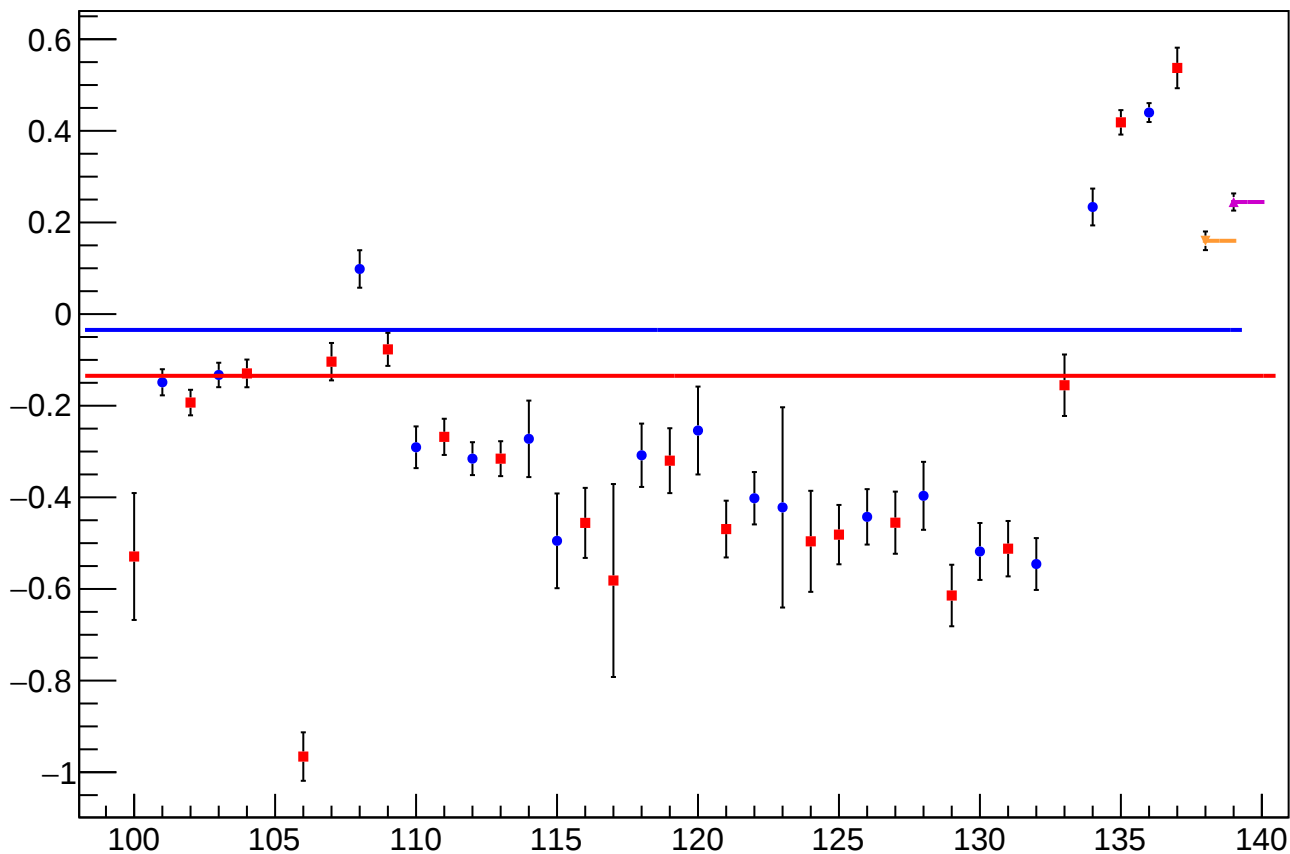
Right Out: 15.352+/-0.197 χ^2 /NDF: 7288.4/19

Left In: 18.956+/-0.849 χ^2 /NDF:0.0/0

16.620+/-0.181 χ^2 /NDF: 7628.9/17

15.535+/-0.192 χ^2 /NDF: 7305.5/20

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.035 $\pm$ 0.010 χ^2 /NDF: 1011.6/16

Left Out: 0.160 $\pm$ 0.020 χ^2 /NDF: 0.0/0

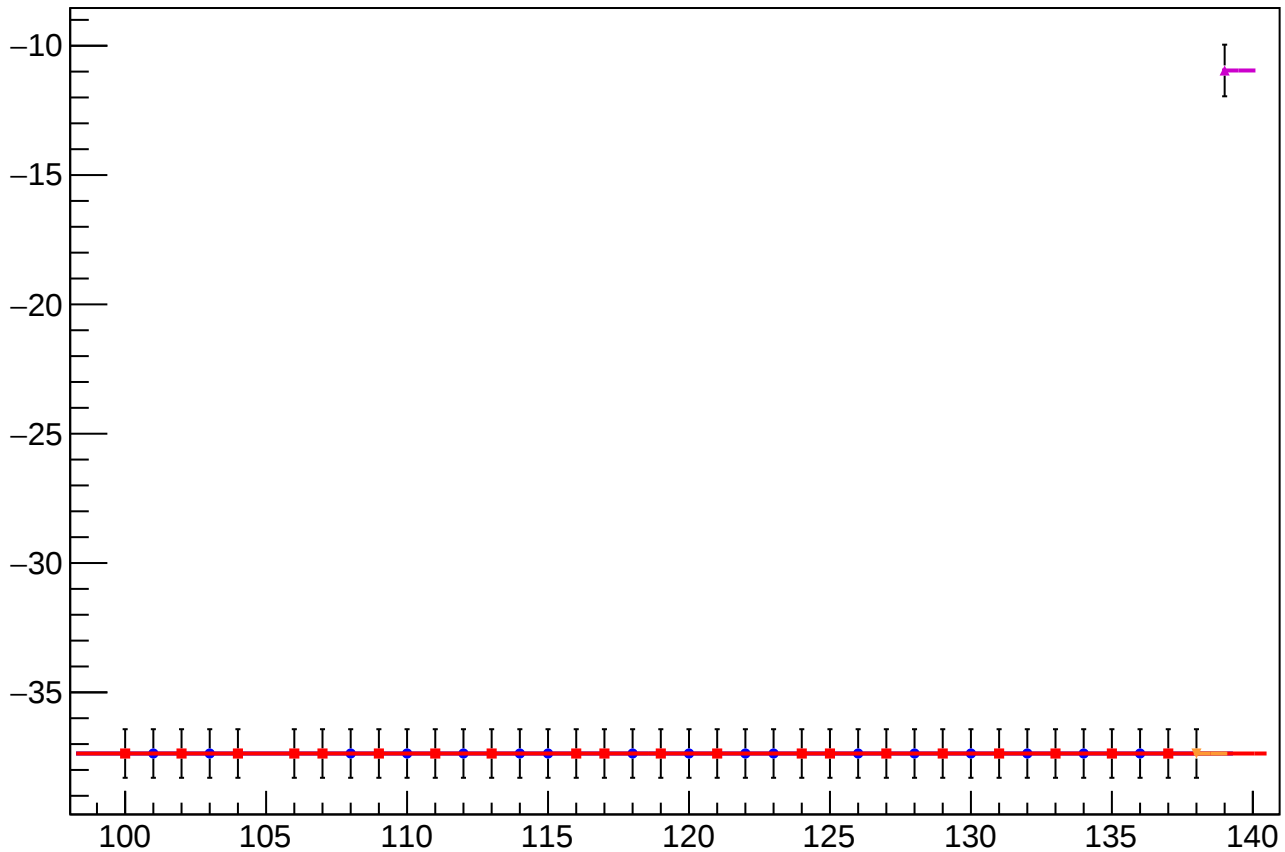
Right Out: -0.135 $\pm$ 0.010 χ^2 /NDF: 1166.4/19

Left In: 0.245 $\pm$ 0.019 χ^2 /NDF: 0.0/0

0.005 $\pm$ 0.009 χ^2 /NDF: 1084.3/17

-0.046 $\pm$ 0.009 χ^2 /NDF: 1480.7/20

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



Right In: -37.364 $\pm$ 0.228 χ^2/NDF : 0.0/16

Left Out: -37.364 $\pm$ 0.939 χ^2/NDF : 0.0/0

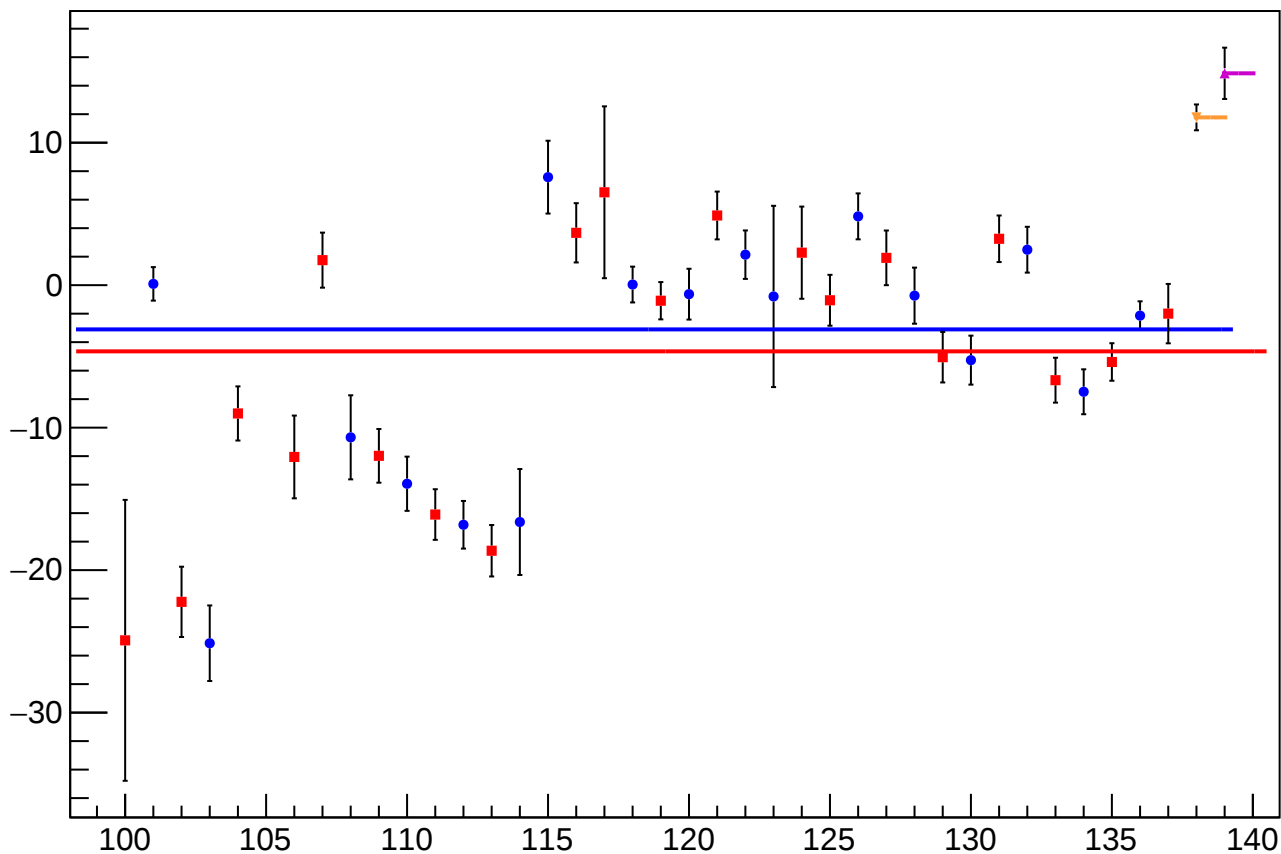
Right Out: -37.364 $\pm$ 0.210 χ^2/NDF : 0.0/19

Left In: -10.957 $\pm$ 0.998 χ^2/NDF : 0.0/0

-37.364 $\pm$ 0.221 χ^2/NDF : 0.0/17

-36.245 $\pm$ 0.206 χ^2/NDF : 670.4/20

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -3.104 ± 0.411 χ^2/NDF : 279.1/16

Left Out: 11.776 ± 0.907 χ^2/NDF : 0.0/0

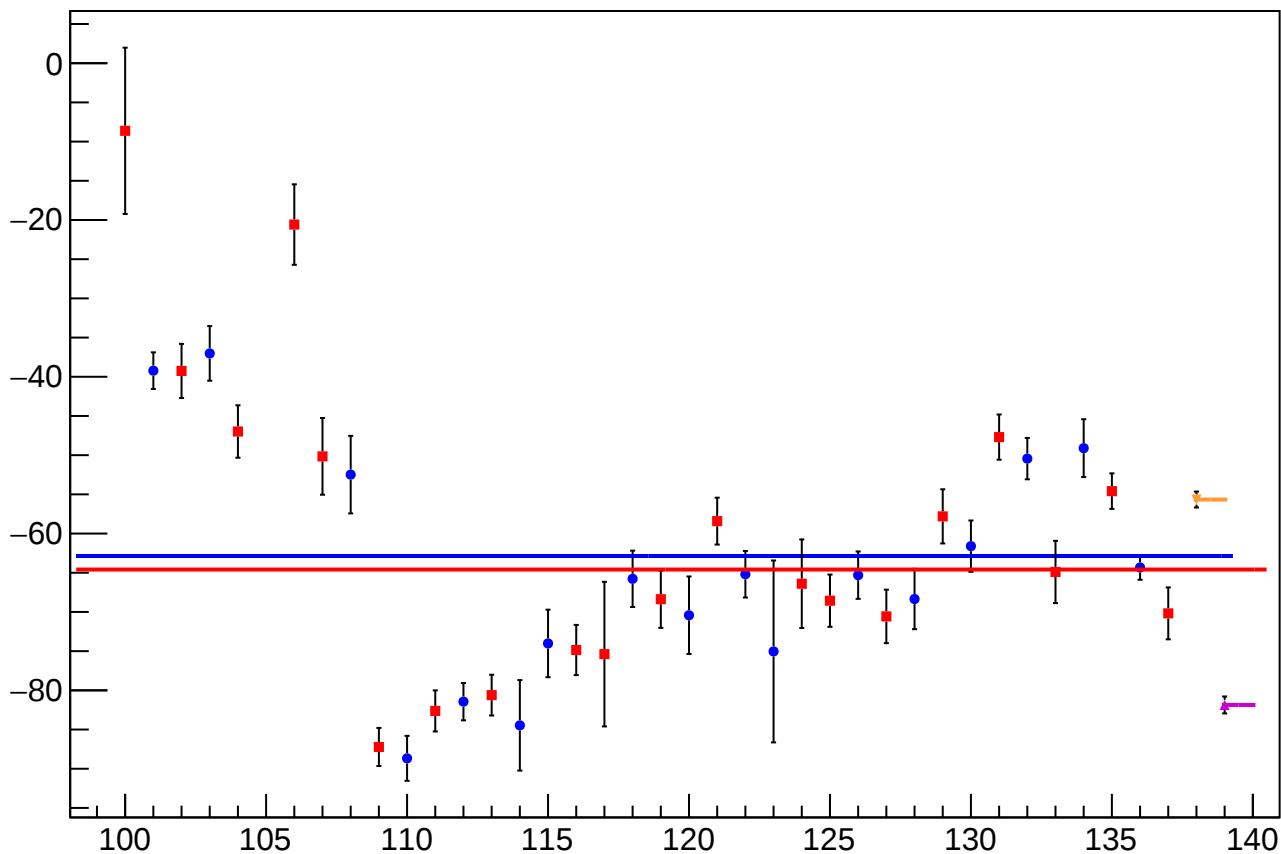
Right Out: -4.645 ± 0.425 χ^2/NDF : 301.1/19

Left In: 14.869 ± 1.800 χ^2/NDF : 0.0/0

-0.567 ± 0.374 χ^2/NDF : 502.6/17

-3.613 ± 0.414 χ^2/NDF : 412.4/20

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.863 ± 0.741 χ^2/NDF : 368.7/16

Left Out: -55.661 ± 1.018 χ^2/NDF : 0.0/0

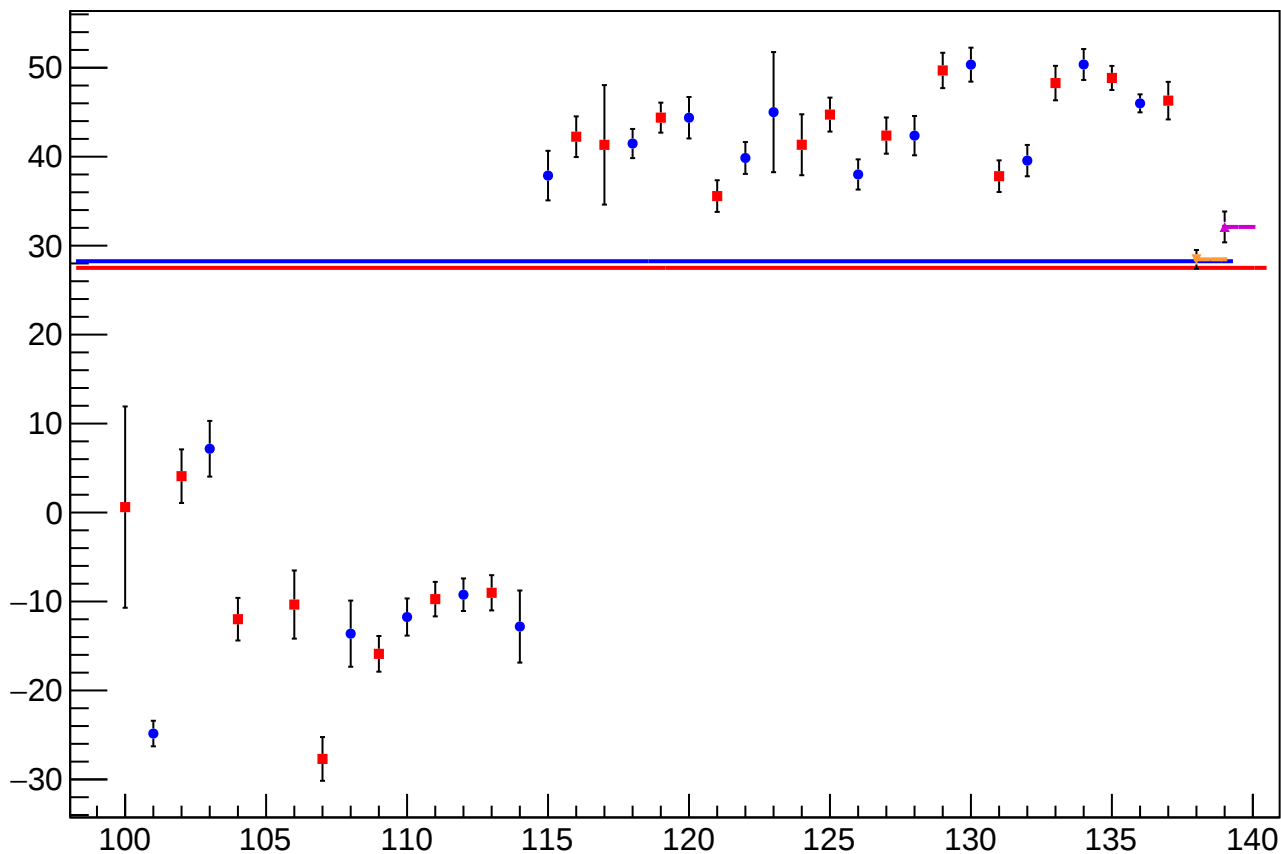
Right Out: -64.588 ± 0.749 χ^2/NDF : 445.6/19

Left In: -81.864 ± 1.080 χ^2/NDF : 0.0/0

-60.370 ± 0.599 χ^2/NDF : 401.5/17

-70.200 ± 0.616 χ^2/NDF : 618.3/20

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.250 $\pm$ 0.460 χ^2 /NDF: 3319.5/16

Left Out: 28.463 $\pm$ 1.048 χ^2 /NDF:0.0/0

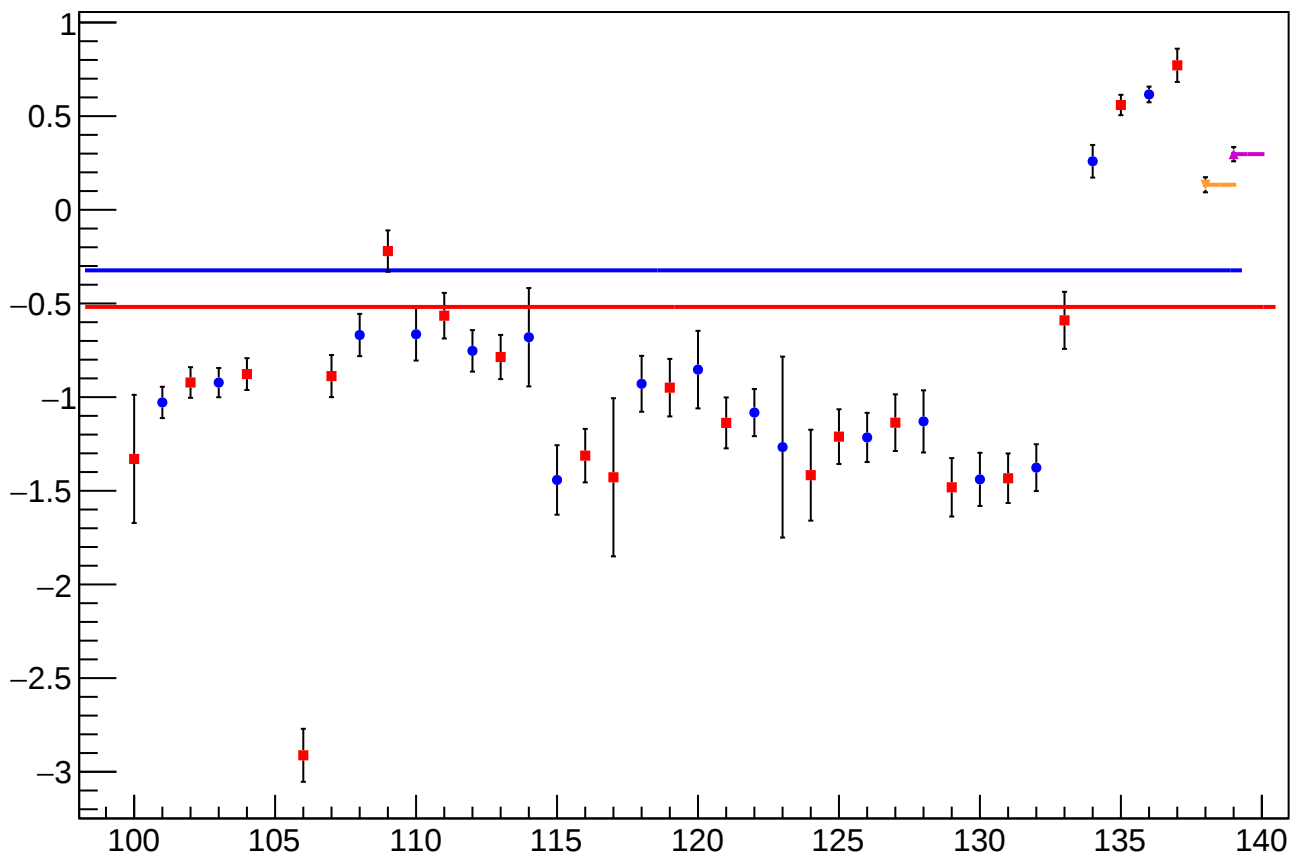
Right Out: 27.505 $\pm$ 0.478 χ^2 /NDF: 3036.7/19

Left In: 32.105 $\pm$ 1.733 χ^2 /NDF:0.0/0

28.284 $\pm$ 0.421 χ^2 /NDF: 3319.5/17

27.830 $\pm$ 0.460 χ^2 /NDF: 3043.2/20

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.323 ± 0.025 χ^2/NDF : 1010.8/16

Left Out: 0.134 ± 0.040 χ^2/NDF : 0.0/0

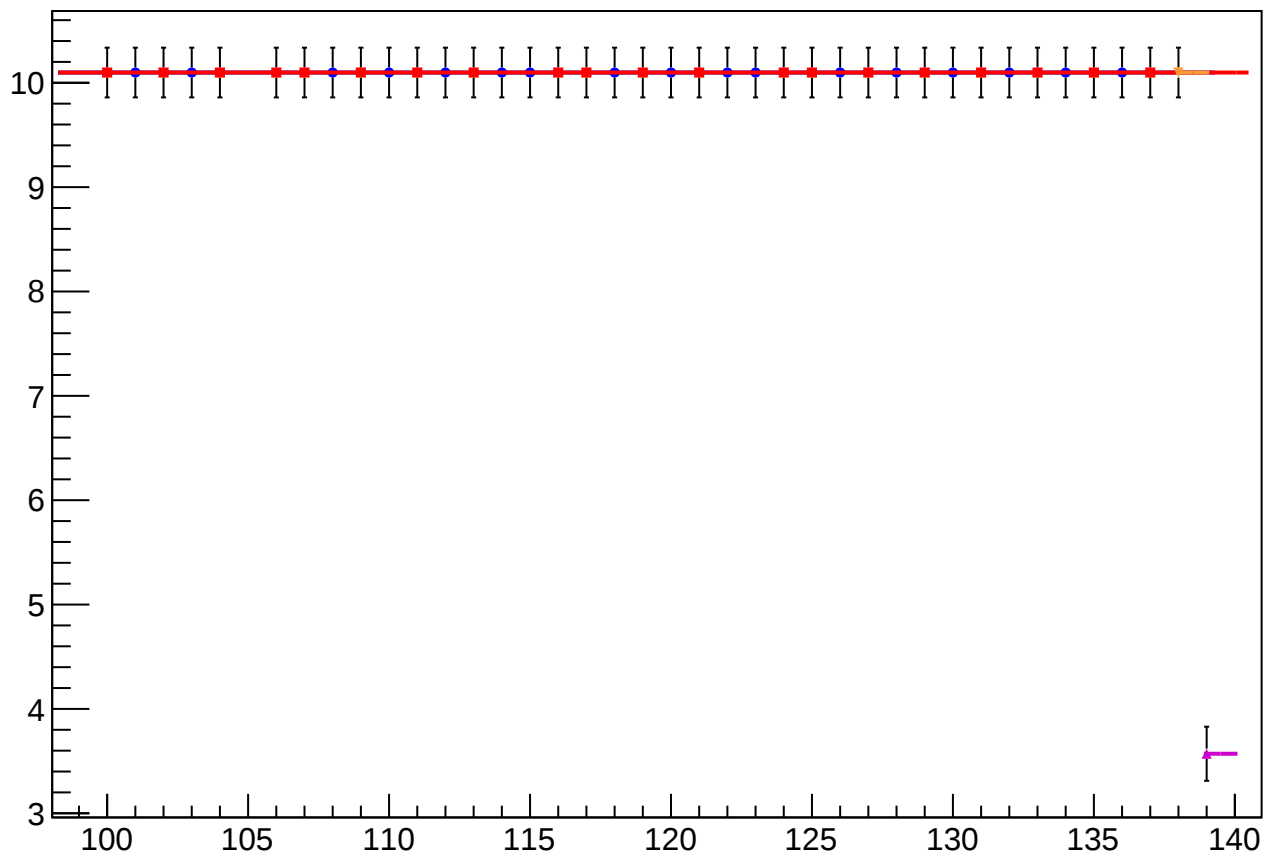
Right Out: -0.518 ± 0.026 χ^2/NDF : 1165.5/19

Left In: 0.297 ± 0.038 χ^2/NDF : 0.0/0

-0.197 ± 0.021 χ^2/NDF : 1103.3/17

-0.264 ± 0.021 χ^2/NDF : 1478.9/20

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 10.098 $\pm$ 0.058 χ^2 /NDF: 0.0/16

Left Out: 10.098 $\pm$ 0.238 χ^2 /NDF: 0.0/0

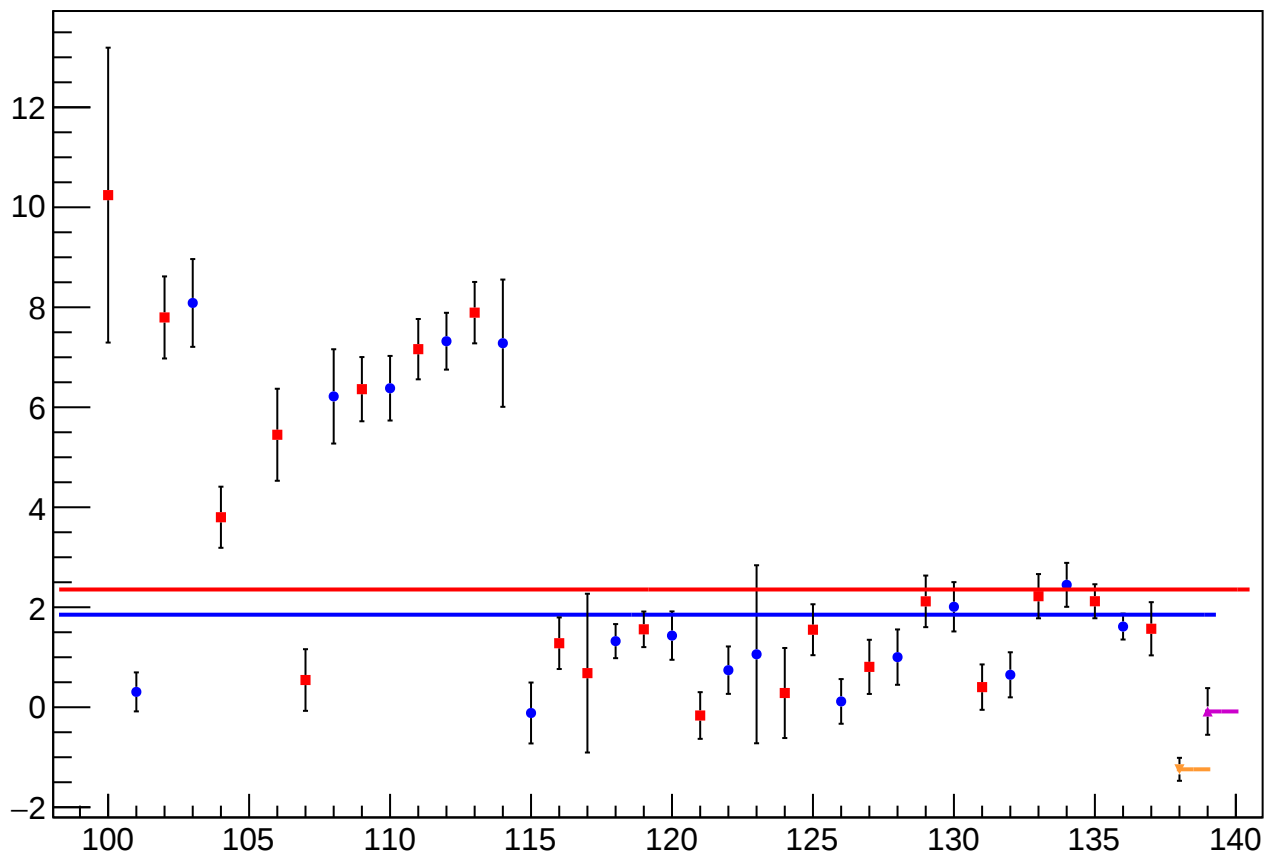
Right Out: 10.098 $\pm$ 0.053 χ^2 /NDF: 0.0/19

Left In: 3.570 $\pm$ 0.259 χ^2 /NDF: 0.0/0

10.098 $\pm$ 0.056 χ^2 /NDF: 0.0/17

9.833 $\pm$ 0.052 χ^2 /NDF: 608.5/20

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.851 ± 0.117 χ^2/NDF : 294.2/16

Left Out: -1.241 ± 0.230 χ^2/NDF : 0.0/0

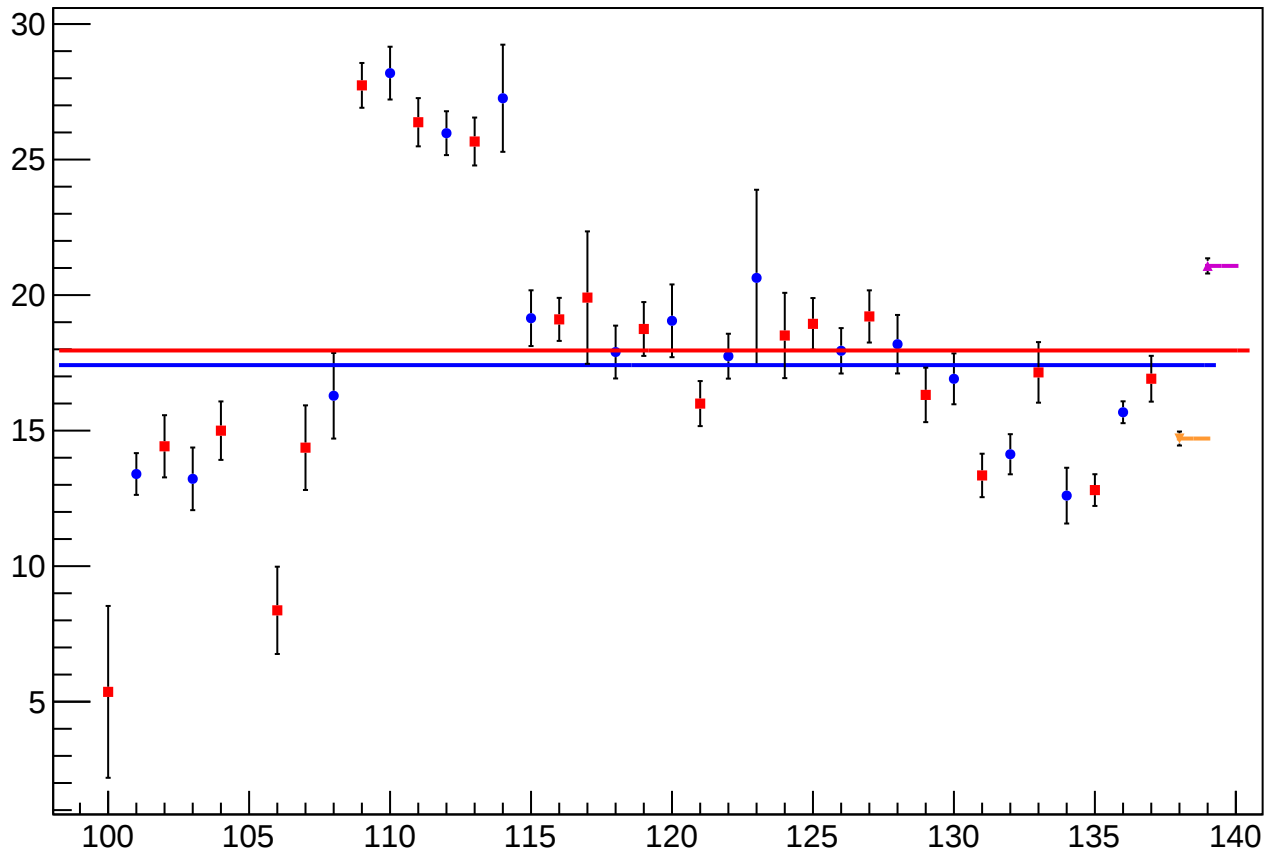
Right Out: 2.355 ± 0.122 χ^2/NDF : 337.4/19

Left In: -0.084 ± 0.467 χ^2/NDF : 0.0/0

1.213 ± 0.104 χ^2/NDF : 438.0/17

2.199 ± 0.118 χ^2/NDF : 362.9/20

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 17.417 $\pm$ 0.213 χ^2 /NDF: 367.0/16

Left Out: 14.708 $\pm$ 0.258 χ^2 /NDF: 0.0/0

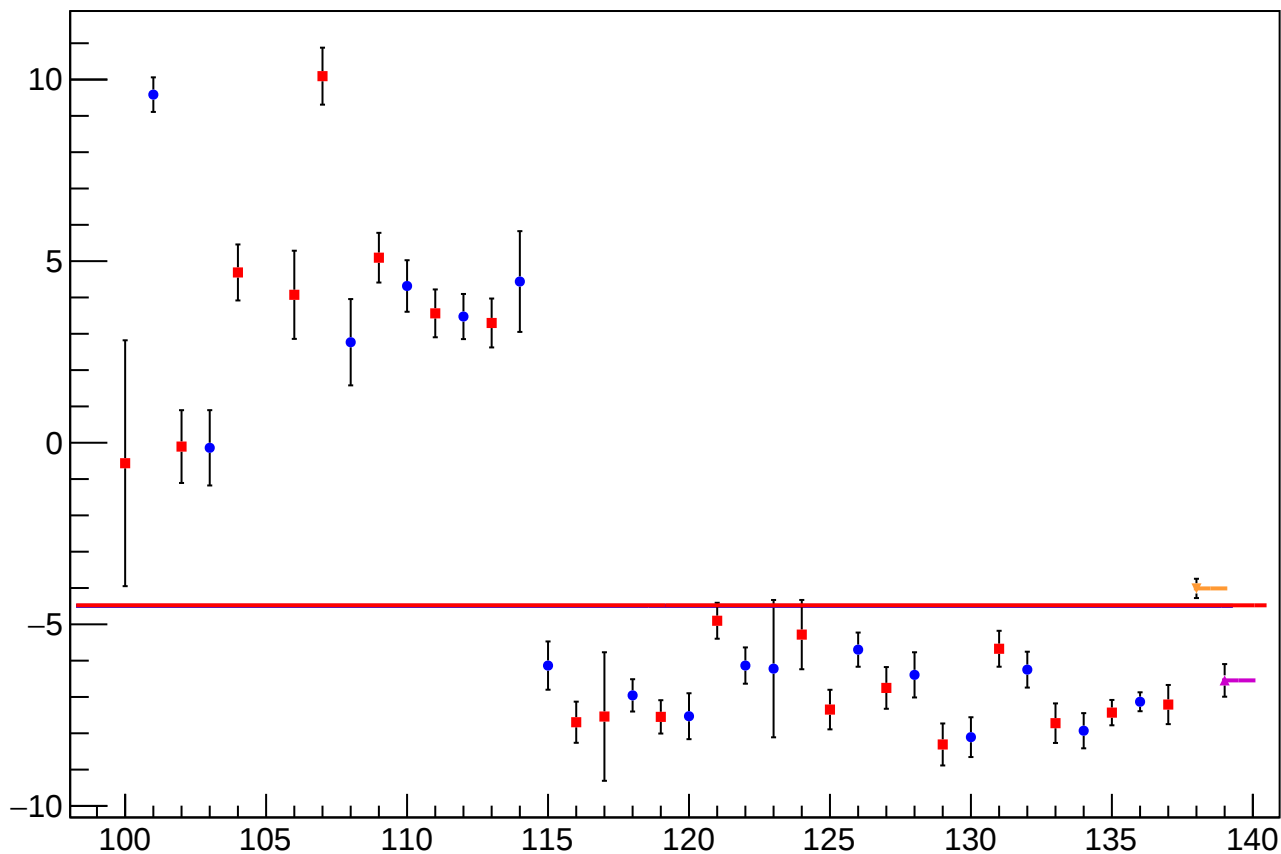
Right Out: 17.957 $\pm$ 0.218 χ^2 /NDF: 506.2/19

Left In: 21.077 $\pm$ 0.281 χ^2 /NDF: 0.0/0

16.322 $\pm$ 0.164 χ^2 /NDF: 432.6/17

19.133 $\pm$ 0.172 χ^2 /NDF: 583.2/20

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.491 ± 0.130 χ^2/NDF : 1585.4/16

Left Out: -4.011 ± 0.266 χ^2/NDF : 0.0/0

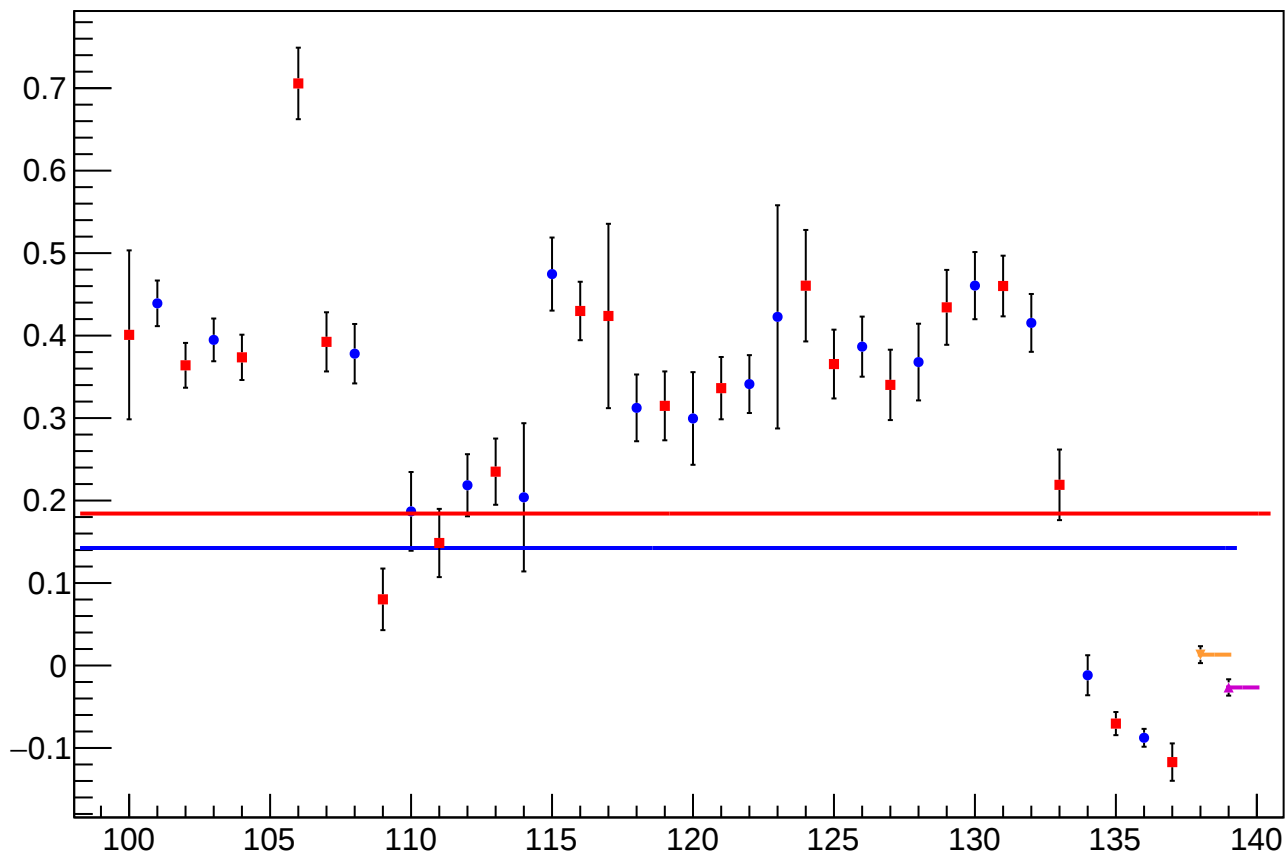
Right Out: -4.476 ± 0.137 χ^2/NDF : 1342.0/19

Left In: -6.544 ± 0.449 χ^2/NDF : 0.0/0

-4.398 ± 0.117 χ^2/NDF : 1588.0/17

-4.651 ± 0.131 χ^2/NDF : 1361.3/20

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.142 ± 0.007 χ^2/NDF : 1058.8/16

Left Out: 0.013 ± 0.010 χ^2/NDF : 0.0/0

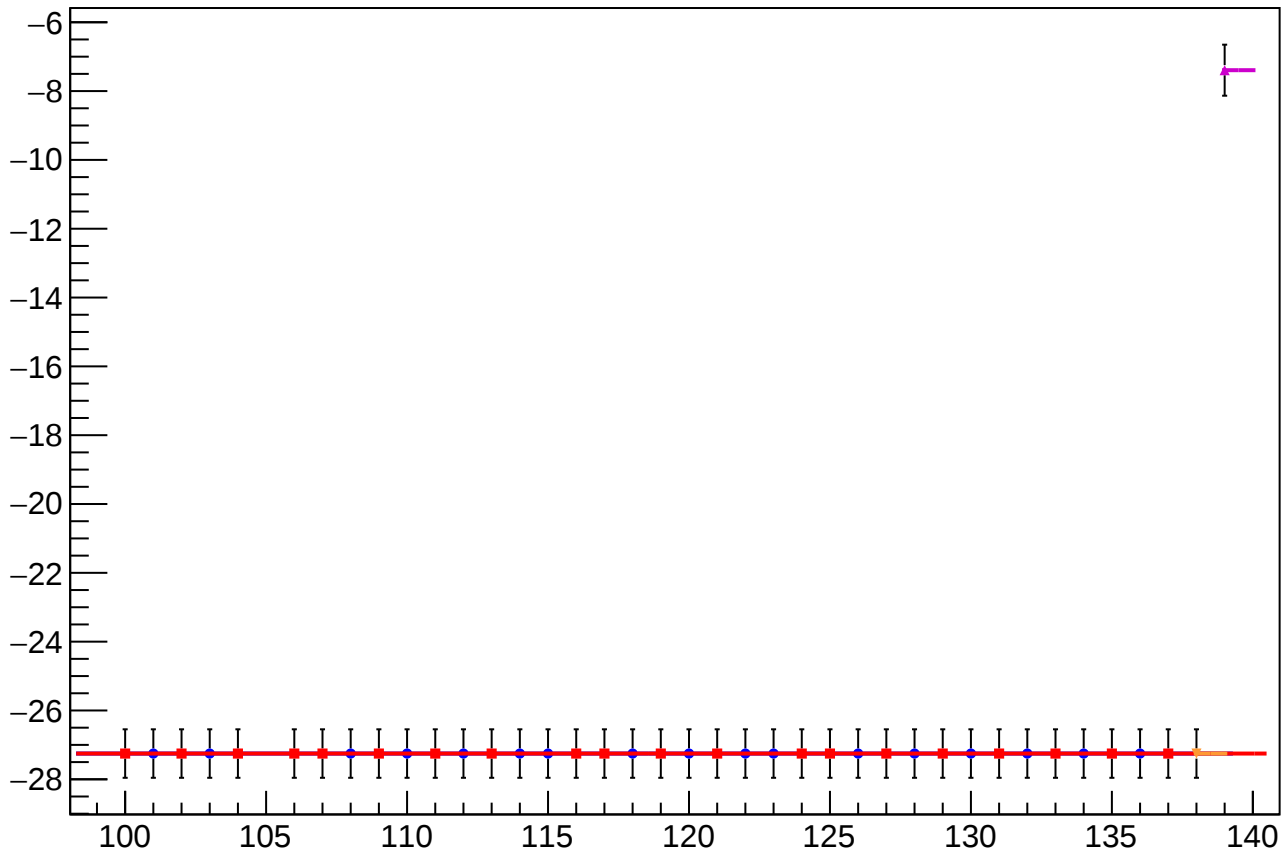
Right Out: 0.184 ± 0.007 χ^2/NDF : 1005.5/19

Left In: -0.027 ± 0.010 χ^2/NDF : 0.0/0

0.101 ± 0.006 χ^2/NDF : 1166.3/17

0.109 ± 0.006 χ^2/NDF : 1296.3/20

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



Right In: -27.252 $\pm$ 0.171 χ^2 /NDF: 0.0/16

Left Out: -27.252 $\pm$ 0.705 χ^2 /NDF: 0.0/0

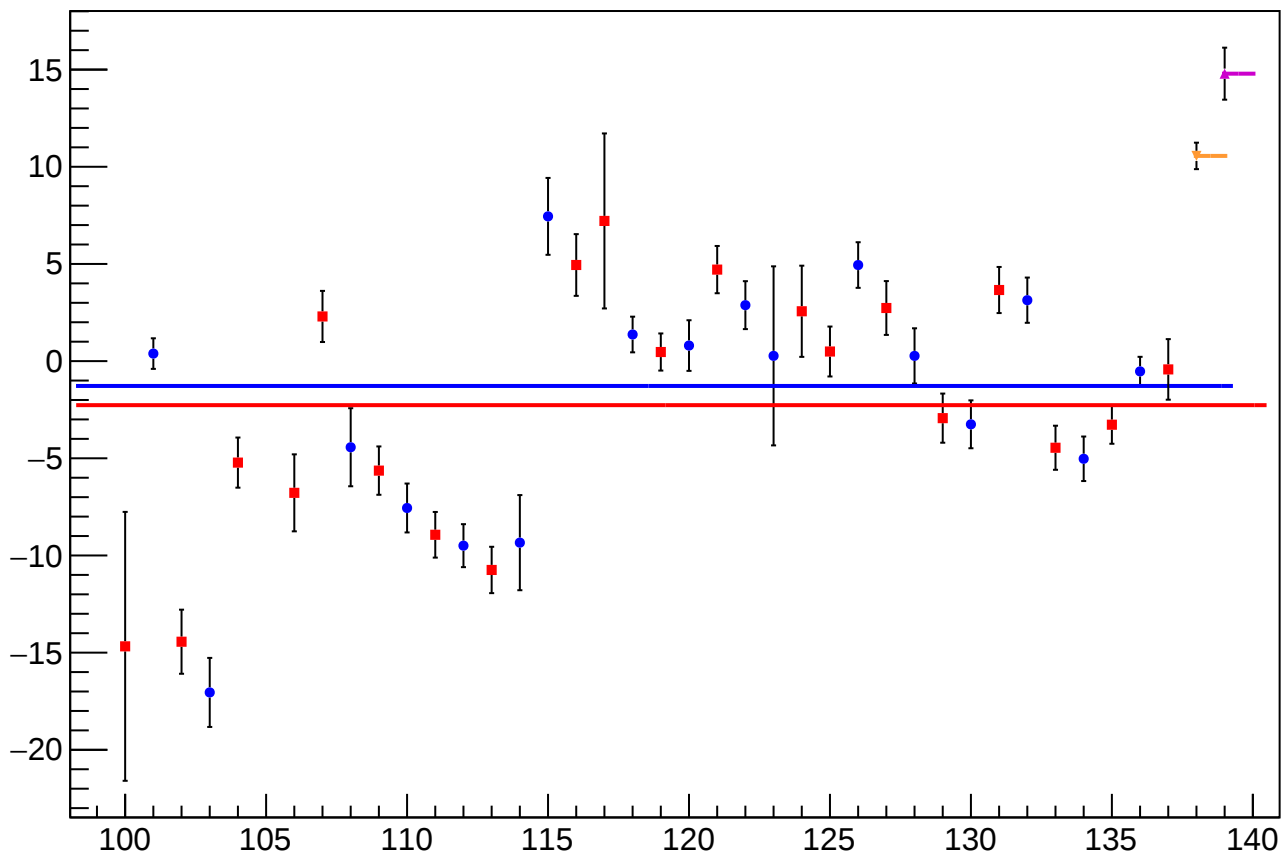
Right Out: -27.252 $\pm$ 0.158 χ^2 /NDF: 0.0/19

Left In: -7.393 $\pm$ 0.742 χ^2 /NDF: 0.0/0

-27.252 $\pm$ 0.166 χ^2 /NDF: 0.0/17

-26.394 $\pm$ 0.154 χ^2 /NDF: 686.3/20

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -1.278 $\pm$ 0.292 χ^2/NDF : 276.5/16

Left Out: 10.559 $\pm$ 0.681 χ^2/NDF : 0.0/0

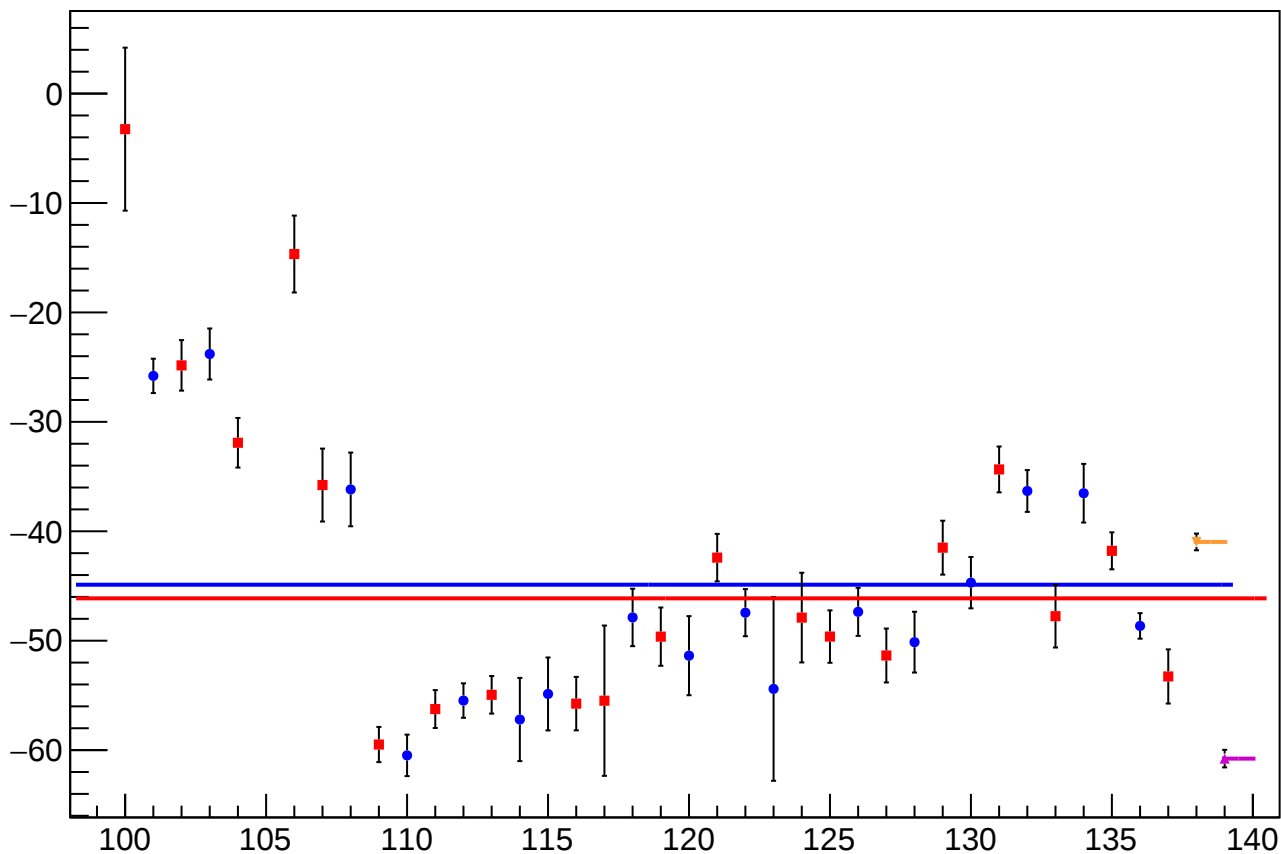
Right Out: -2.266 $\pm$ 0.302 χ^2/NDF : 289.8/19

Left In: 14.790 $\pm$ 1.338 χ^2/NDF : 0.0/0

0.564 $\pm$ 0.269 χ^2/NDF : 531.6/17

-1.441 $\pm$ 0.294 χ^2/NDF : 444.4/20

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.883 ± 0.524 $\chi^2/\text{NDF}: 421.0/16$

Left Out: -40.974 ± 0.763 $\chi^2/\text{NDF}: 0.0/0$

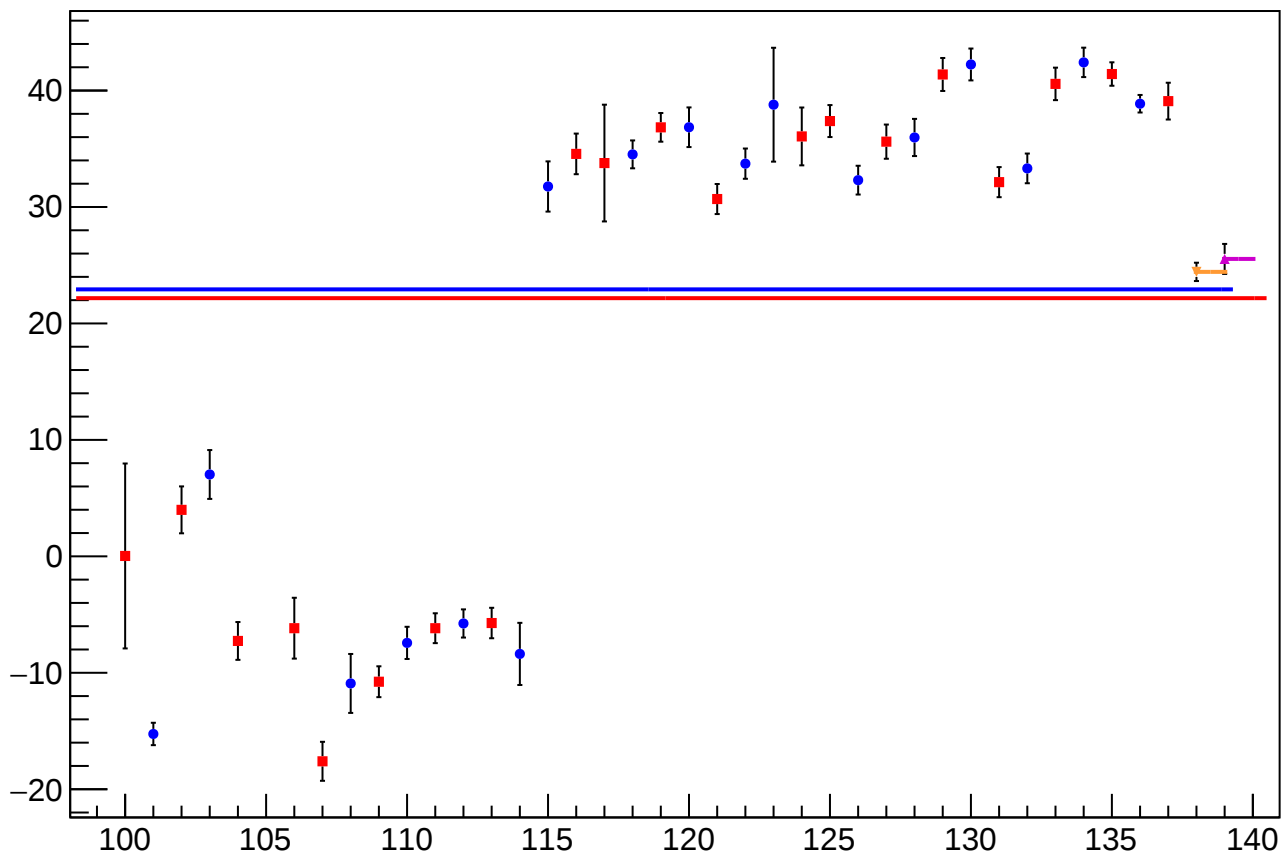
Right Out: -46.130 ± 0.527 $\chi^2/\text{NDF}: 456.1/19$

Left In: -60.775 ± 0.803 $\chi^2/\text{NDF}: 0.0/0$

-43.630 ± 0.432 $\chi^2/\text{NDF}: 438.8/17$

-50.544 ± 0.441 $\chi^2/\text{NDF}: 688.8/20$

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 22.926 $\pm$ 0.328 χ^2 /NDF: 4330.2/16

Left Out: 24.429 $\pm$ 0.787 χ^2 /NDF:0.0/0

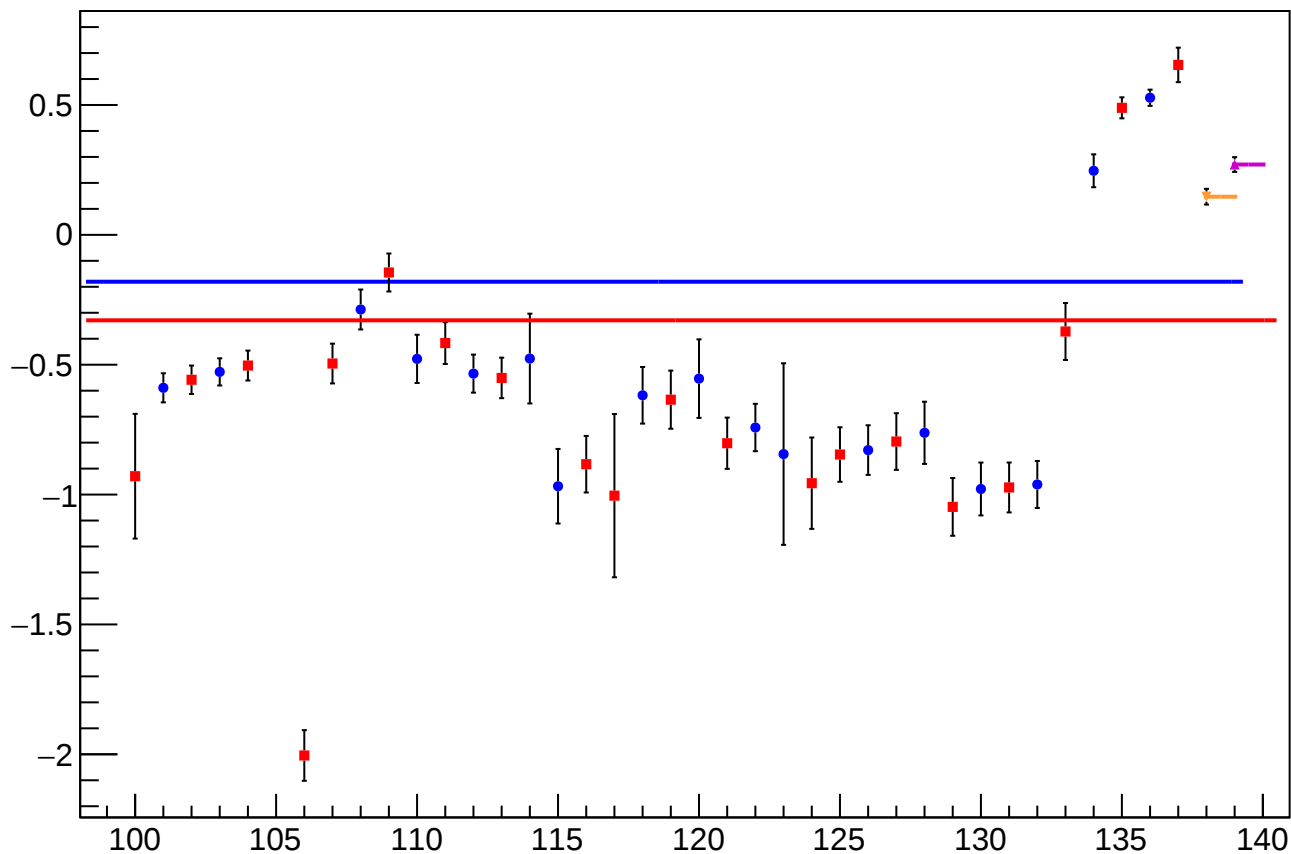
Right Out: 22.170 $\pm$ 0.339 χ^2 /NDF: 4038.8/19

Left In: 25.541 $\pm$ 1.288 χ^2 /NDF:0.0/0

23.149 $\pm$ 0.303 χ^2 /NDF: 4333.3/17

22.389 $\pm$ 0.328 χ^2 /NDF: 4045.2/20

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.180 $\pm$ 0.018 χ^2 /NDF: 995.7/16

Left Out: 0.147 $\pm$ 0.030 χ^2 /NDF:0.0/0

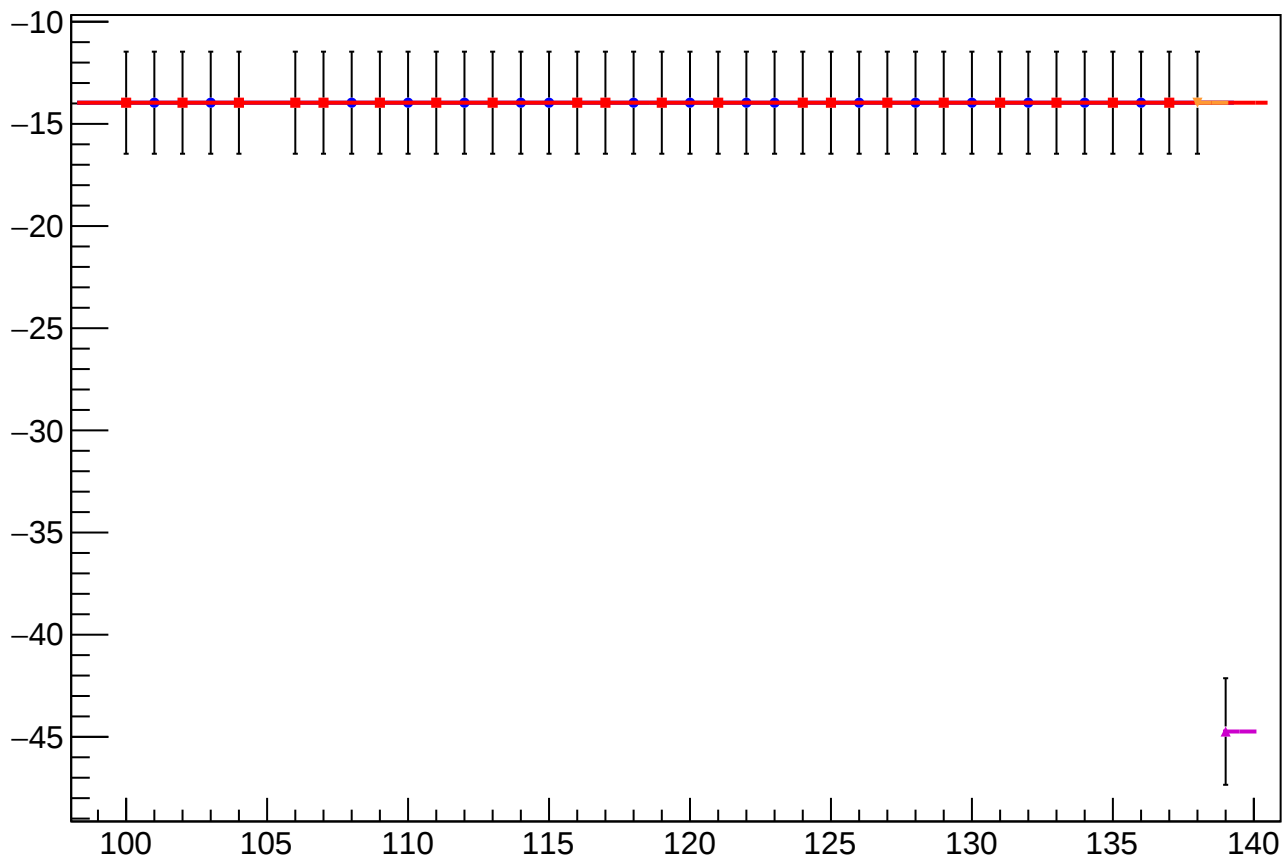
Right Out: -0.329 $\pm$ 0.018 χ^2 /NDF: 1180.2/19

Left In: 0.271 $\pm$ 0.028 χ^2 /NDF:0.0/0

-0.097 $\pm$ 0.015 χ^2 /NDF: 1082.5/17

-0.155 $\pm$ 0.015 χ^2 /NDF: 1496.4/20

reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: -13.963+/-0.606 χ^2/NDF : 0.0/16

Left Out: -13.963+/-2.498 χ^2/NDF : 0.0/0

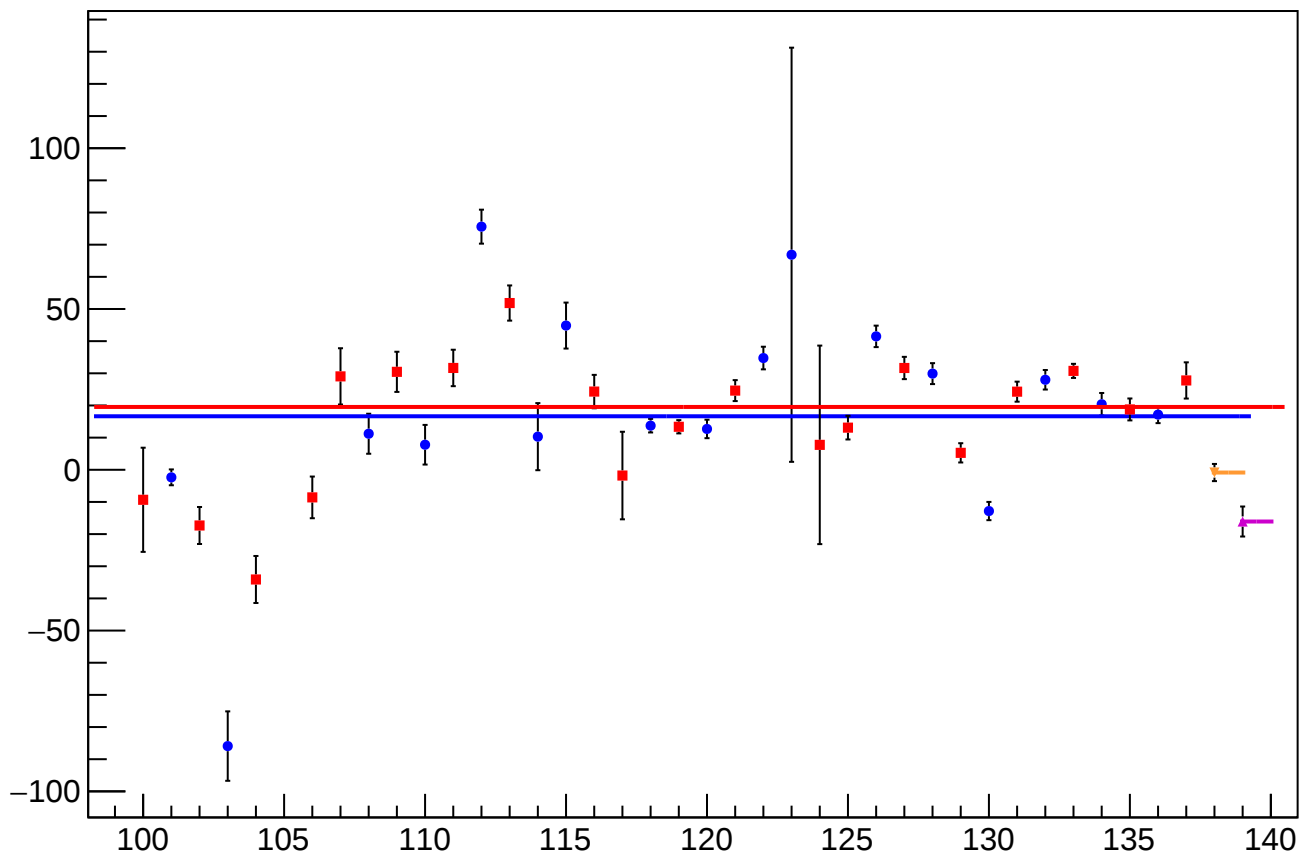
Right Out: -13.963+/-0.559 χ^2/NDF : 0.0/19

Left In: -44.738+/-2.608 χ^2/NDF : 0.0/0

-13.963+/-0.589 χ^2/NDF : 0.0/17

-15.313+/-0.546 χ^2/NDF : 133.1/20

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.641 $\pm$ 0.859 χ^2 /NDF: 518.9/16

Left Out: -0.854 $\pm$ 2.672 χ^2 /NDF: 0.0/0

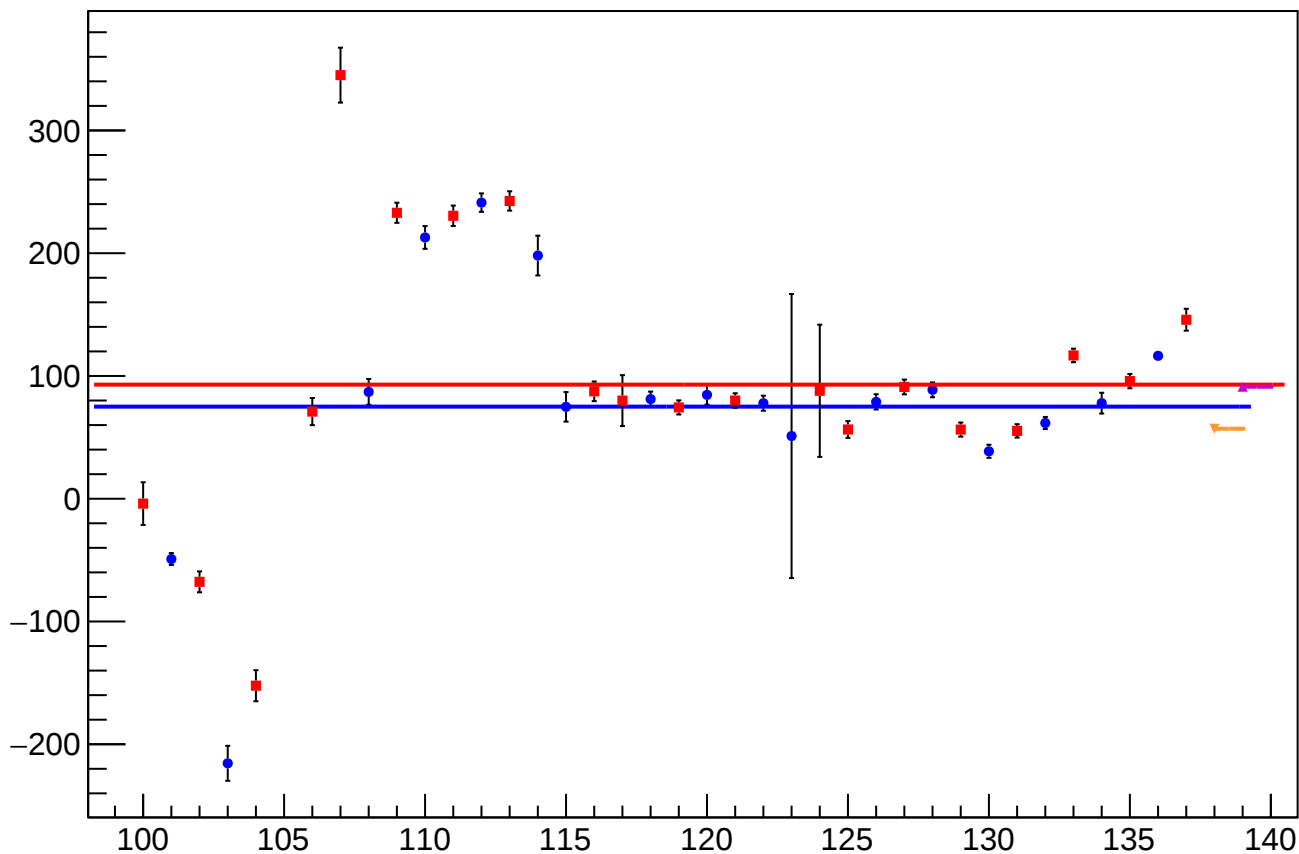
Right Out: 19.540 $\pm$ 0.894 χ^2 /NDF: 244.1/19

Left In: -16.088 $\pm$ 4.665 χ^2 /NDF: 0.0/0

15.003 $\pm$ 0.817 χ^2 /NDF: 557.8/17

18.277 $\pm$ 0.878 χ^2 /NDF: 300.4/20

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.032 $\pm$ 1.647 χ^2 /NDF: 1999.7/16

Left Out: 57.002 $\pm$ 2.710 χ^2 /NDF: 0.0/0

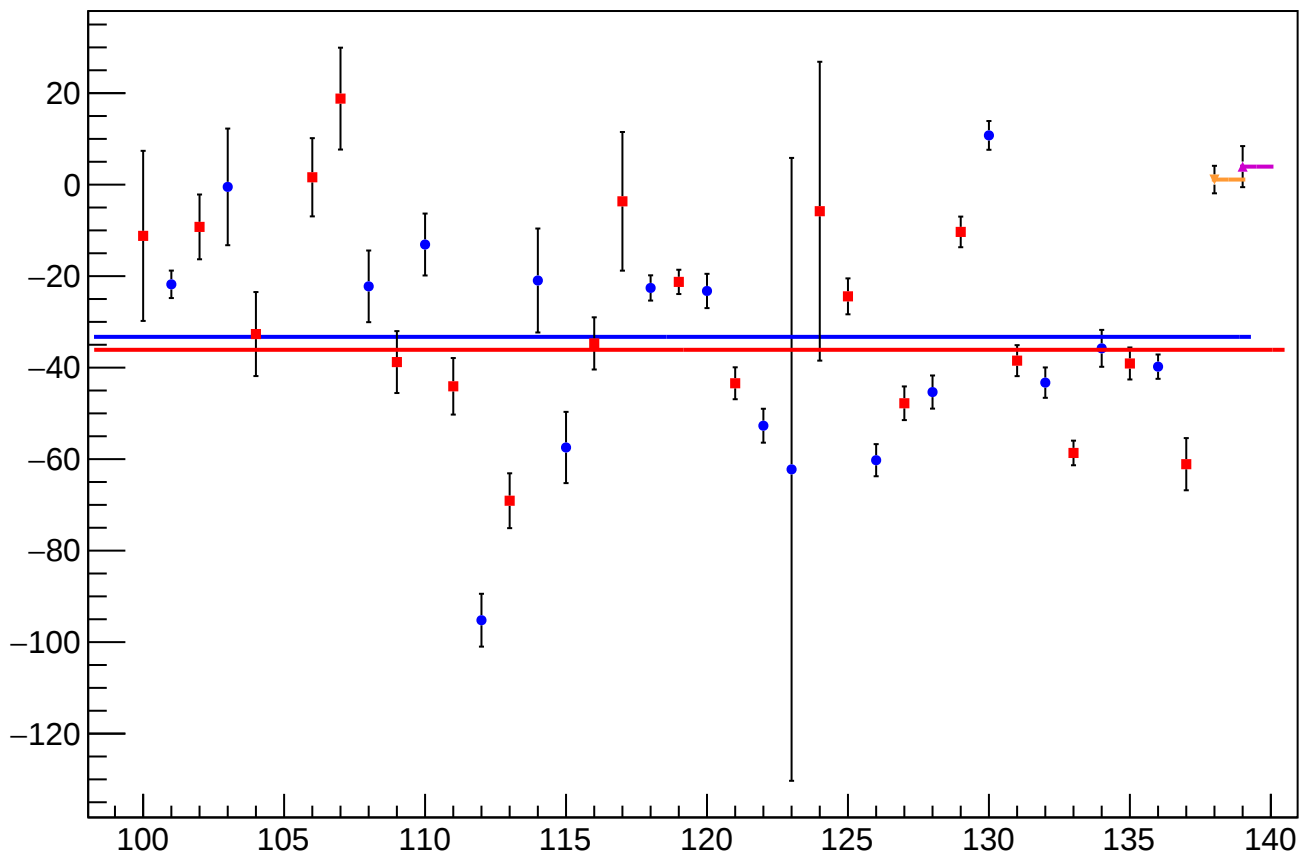
Right Out: 92.940 $\pm$ 1.706 χ^2 /NDF: 2004.0/19

Left In: 91.261 $\pm$ 2.826 χ^2 /NDF: 0.0/0

70.170 $\pm$ 1.407 χ^2 /NDF: 2032.0/17

92.492 $\pm$ 1.460 χ^2 /NDF: 2004.3/20

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.272 ± 0.982 χ^2/NDF : 489.4/16

Left Out: 1.110 ± 3.007 χ^2/NDF : 0.0/0

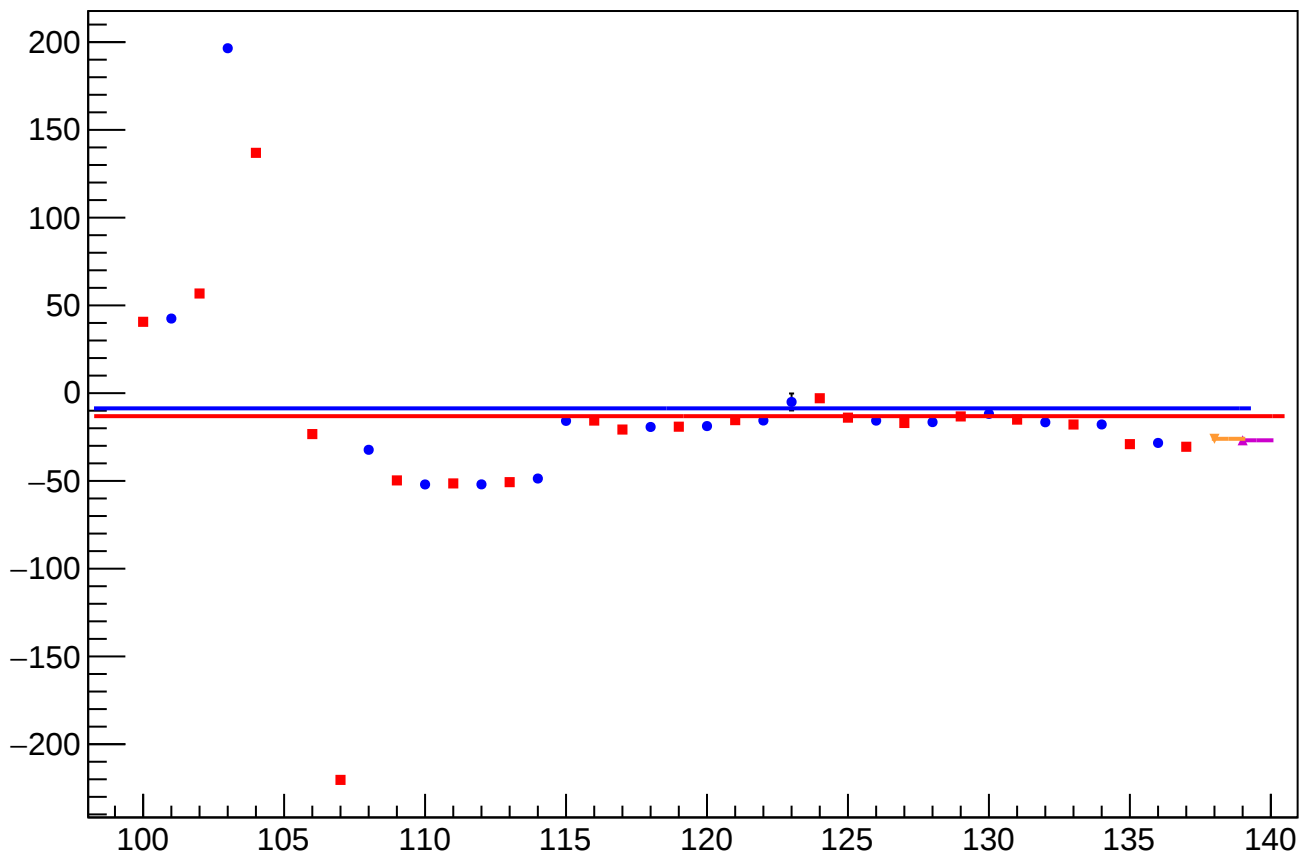
Right Out: -36.103 ± 1.022 χ^2/NDF : 302.3/19

Left In: 3.938 ± 4.489 χ^2/NDF : 0.0/0

-29.959 ± 0.933 χ^2/NDF : 607.5/17

-34.131 ± 0.996 χ^2/NDF : 377.9/20

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.657+/-0.059 χ^2/NDF : 575742.7/16

Left Out: -26.005+/-0.105 χ^2/NDF : 0.0/0

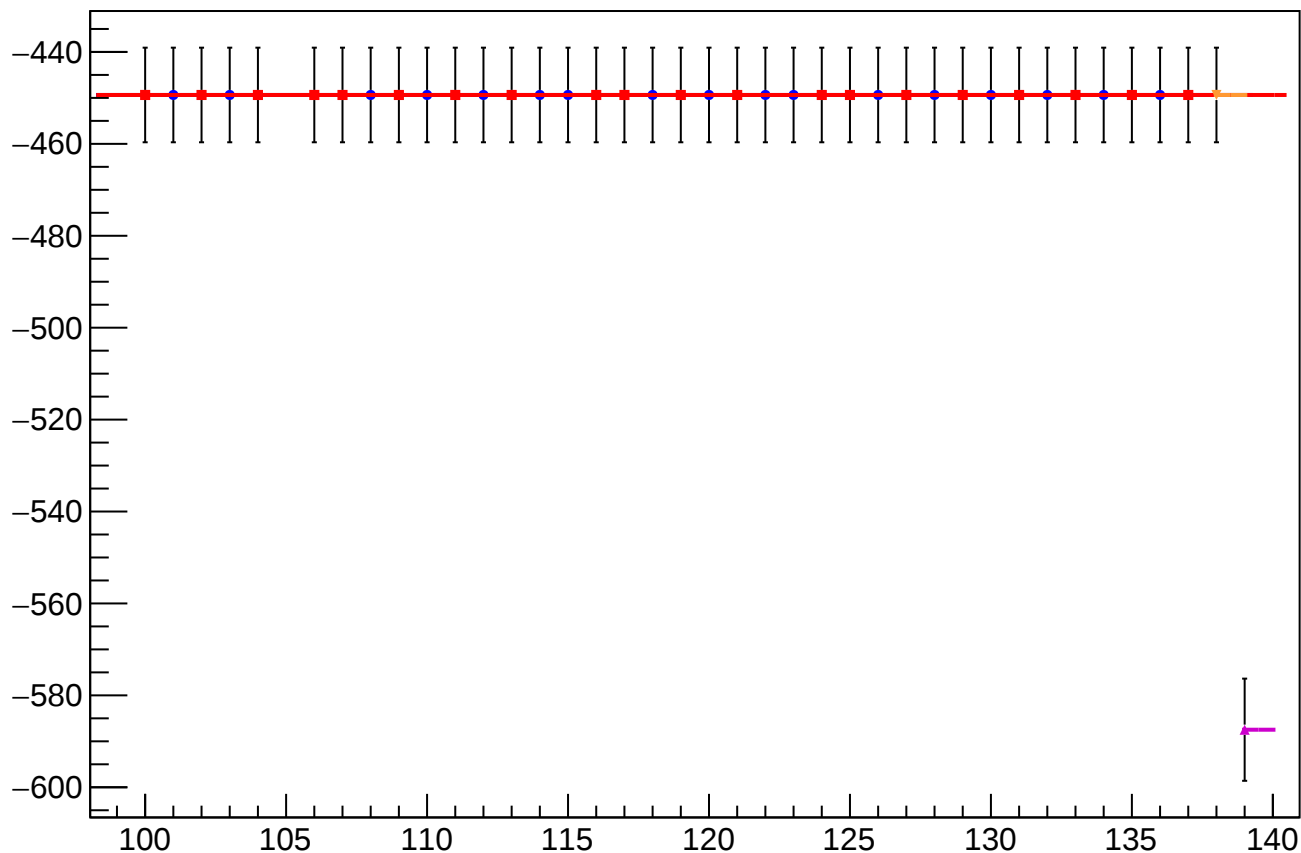
Right Out: -13.109+/-0.062 χ^2/NDF : 558383.6/19

Left In: -26.857+/-0.099 χ^2/NDF : 0.0/0

-12.808+/-0.052 χ^2/NDF : 596370.2/17

-16.947+/-0.052 χ^2/NDF : 572246.6/20

reg_asym_atl2_diff_bpm1X_slope vs Slug



Right In: -449.364 $\pm$ 2.496 χ^2 /NDF: 0.0/16

Left Out: -449.364 $\pm$ 10.293 χ^2 /NDF: 0.0/0

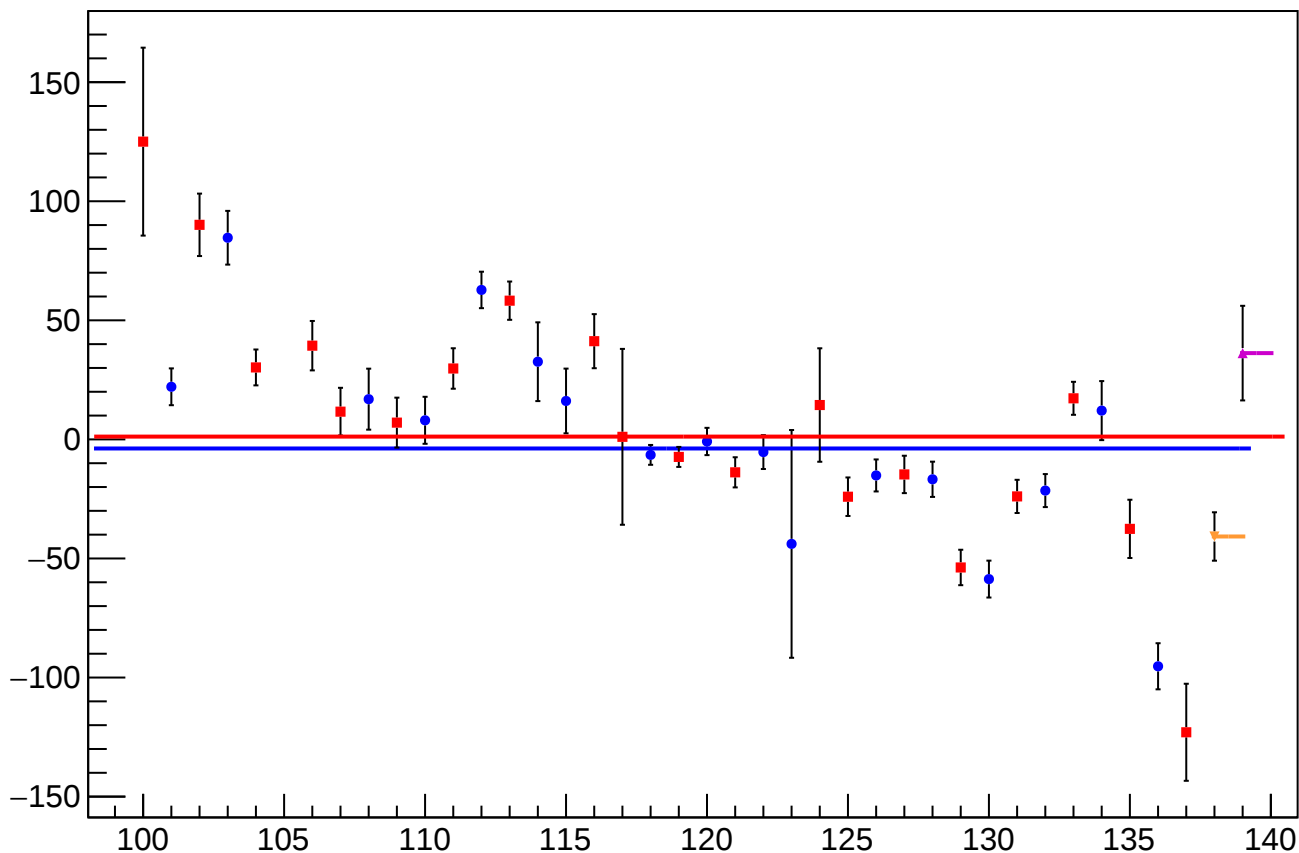
Right Out: -449.364 $\pm$ 2.301 χ^2 /NDF: 0.0/19

Left In: -587.475 $\pm$ 11.115 χ^2 /NDF: 0.0/0

-449.364 $\pm$ 2.426 χ^2 /NDF: 0.0/17

-455.041 $\pm$ 2.254 χ^2 /NDF: 148.0/20

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: -3.815 ± 1.923 χ^2/NDF : 314.3/16

Left Out: -40.770 ± 10.163 χ^2/NDF : 0.0/0

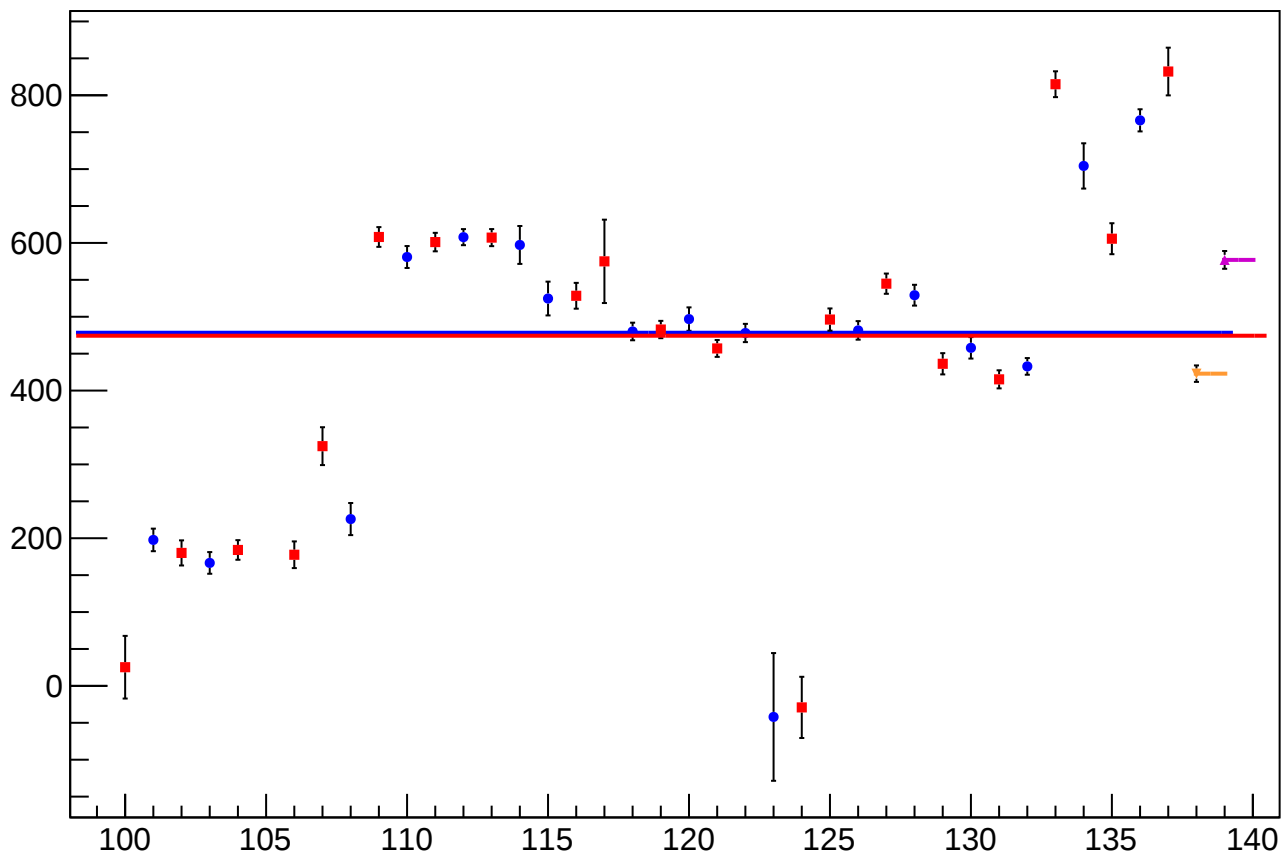
Right Out: 1.175 ± 1.911 χ^2/NDF : 303.9/19

Left In: 36.229 ± 19.865 χ^2/NDF : 0.0/0

-5.092 ± 1.889 χ^2/NDF : 327.1/17

1.496 ± 1.903 χ^2/NDF : 307.0/20

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.334 $\pm$ 3.662 χ^2 /NDF: 1628.8/16

Left Out: 422.918 $\pm$ 11.157 χ^2 /NDF: 0.0/0

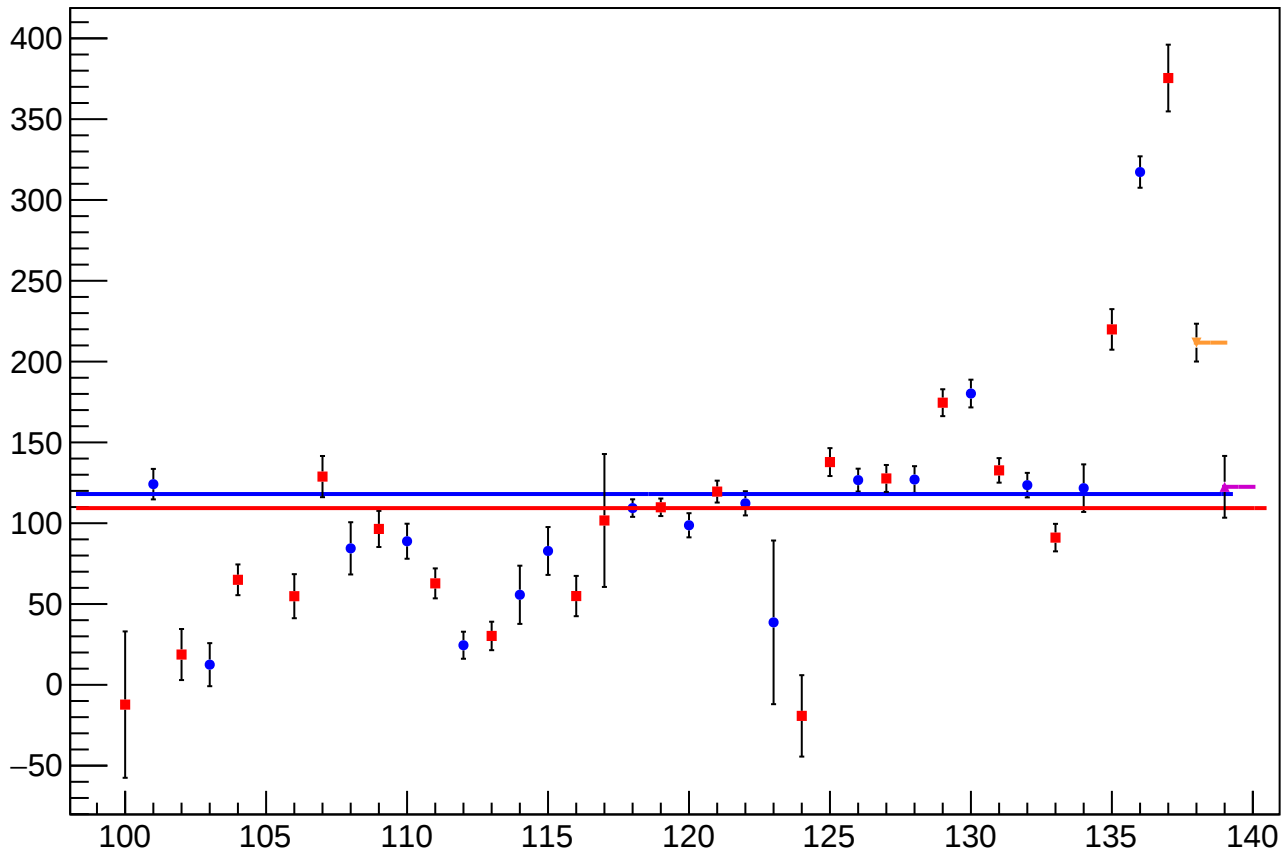
Right Out: 474.296 $\pm$ 3.524 χ^2 /NDF: 2288.2/19

Left In: 577.011 $\pm$ 12.050 χ^2 /NDF: 0.0/0

472.945 $\pm$ 3.479 χ^2 /NDF: 1651.1/17

482.390 $\pm$ 3.382 χ^2 /NDF: 2355.1/20

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 118.055 ± 2.225 χ^2/NDF : 705.3/16

Left Out: 211.735 ± 11.699 χ^2/NDF : 0.0/0

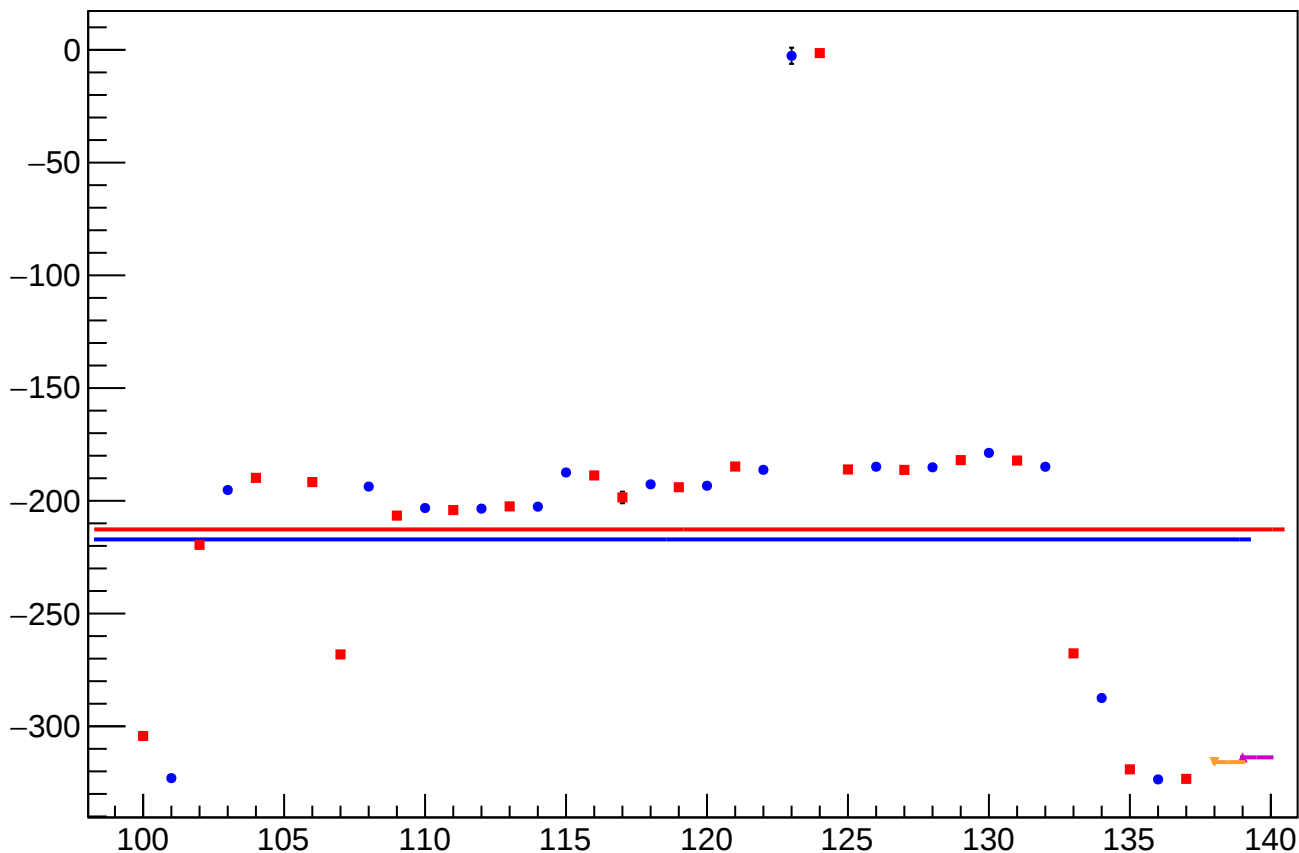
Right Out: 109.345 ± 2.202 χ^2/NDF : 569.8/19

Left In: 122.520 ± 19.110 χ^2/NDF : 0.0/0

121.326 ± 2.186 χ^2/NDF : 767.2/17

109.517 ± 2.187 χ^2/NDF : 570.3/20

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -217.120+/-0.137 χ^2/NDF : 146559.7/16

Left Out: -315.891+/-0.443 χ^2/NDF : 0.0/0

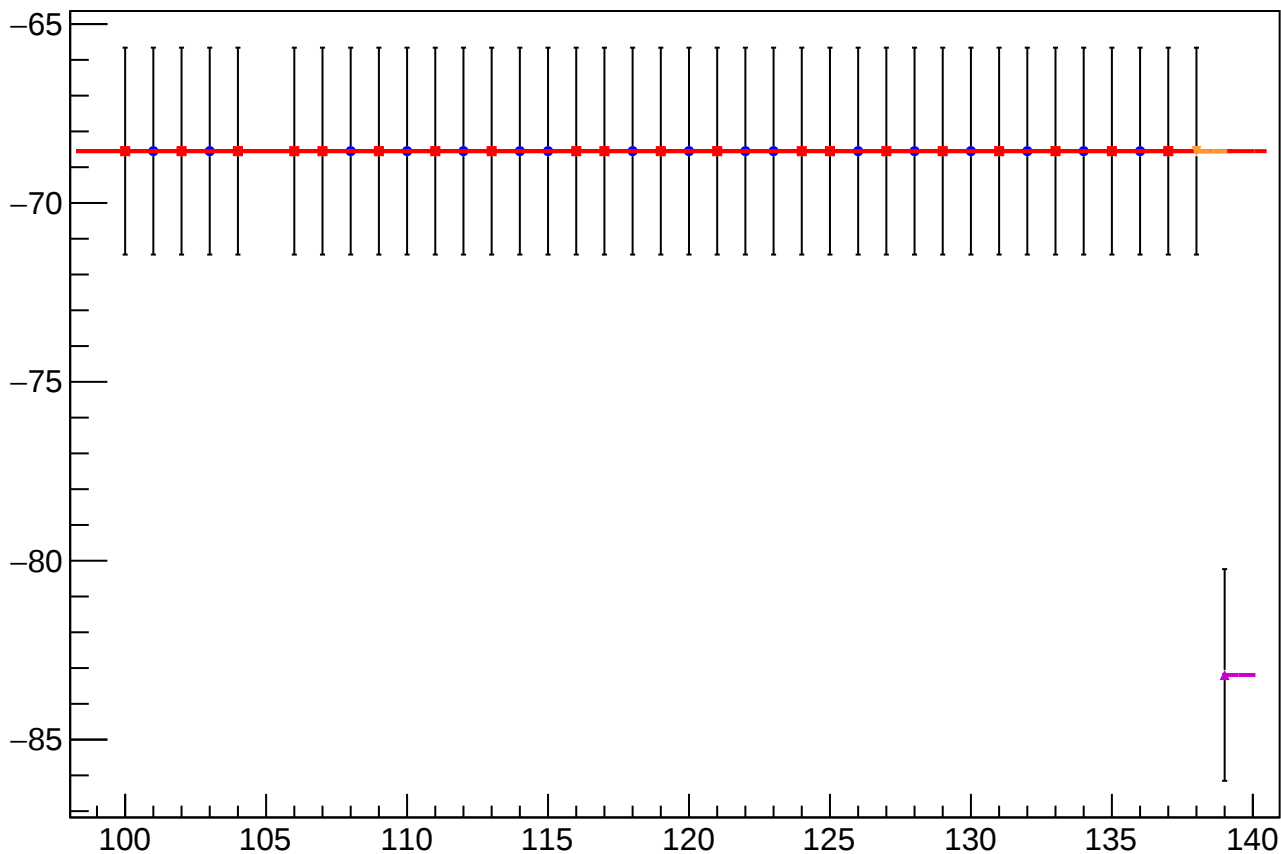
Right Out: -212.679+/-0.130 χ^2/NDF : 115596.4/19

Left In: -313.777+/-0.422 χ^2/NDF : 0.0/0

-225.679+/-0.131 χ^2/NDF : 191881.1/17

-221.440+/-0.124 χ^2/NDF : 167993.5/20

reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: -68.551 $\pm$ 0.701 χ^2 /NDF: 0.0/16

Left Out: -68.551 $\pm$ 2.892 χ^2 /NDF: 0.0/0

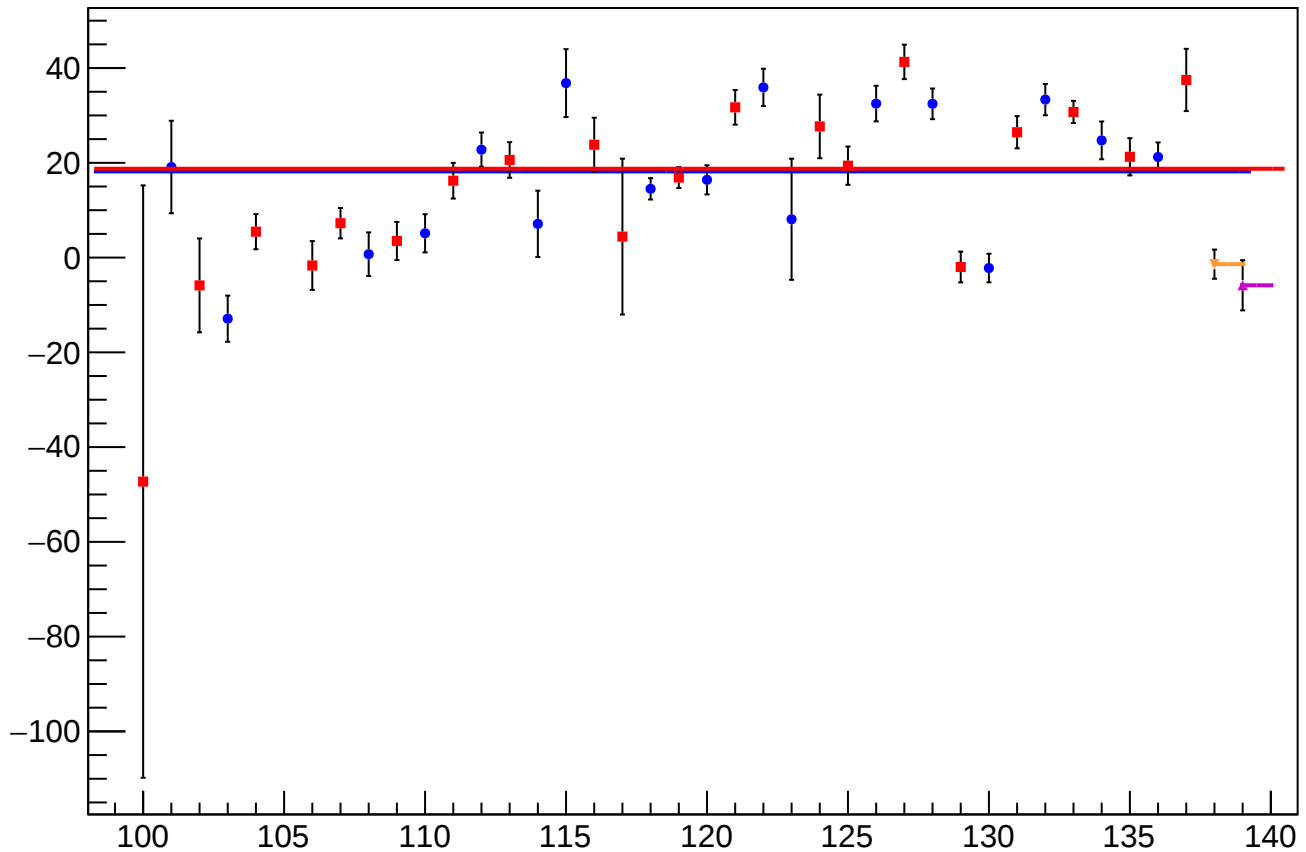
Right Out: -68.551 $\pm$ 0.647 χ^2 /NDF: 0.0/19

Left In: -83.193 $\pm$ 2.958 χ^2 /NDF: 0.0/0

-68.551 $\pm$ 0.682 χ^2 /NDF: 0.0/17

-69.219 $\pm$ 0.632 χ^2 /NDF: 23.4/20

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.188 $\pm$ 0.917 χ^2 /NDF: 204.9/16

Left Out: -1.391 $\pm$ 3.079 χ^2 /NDF: 0.0/0

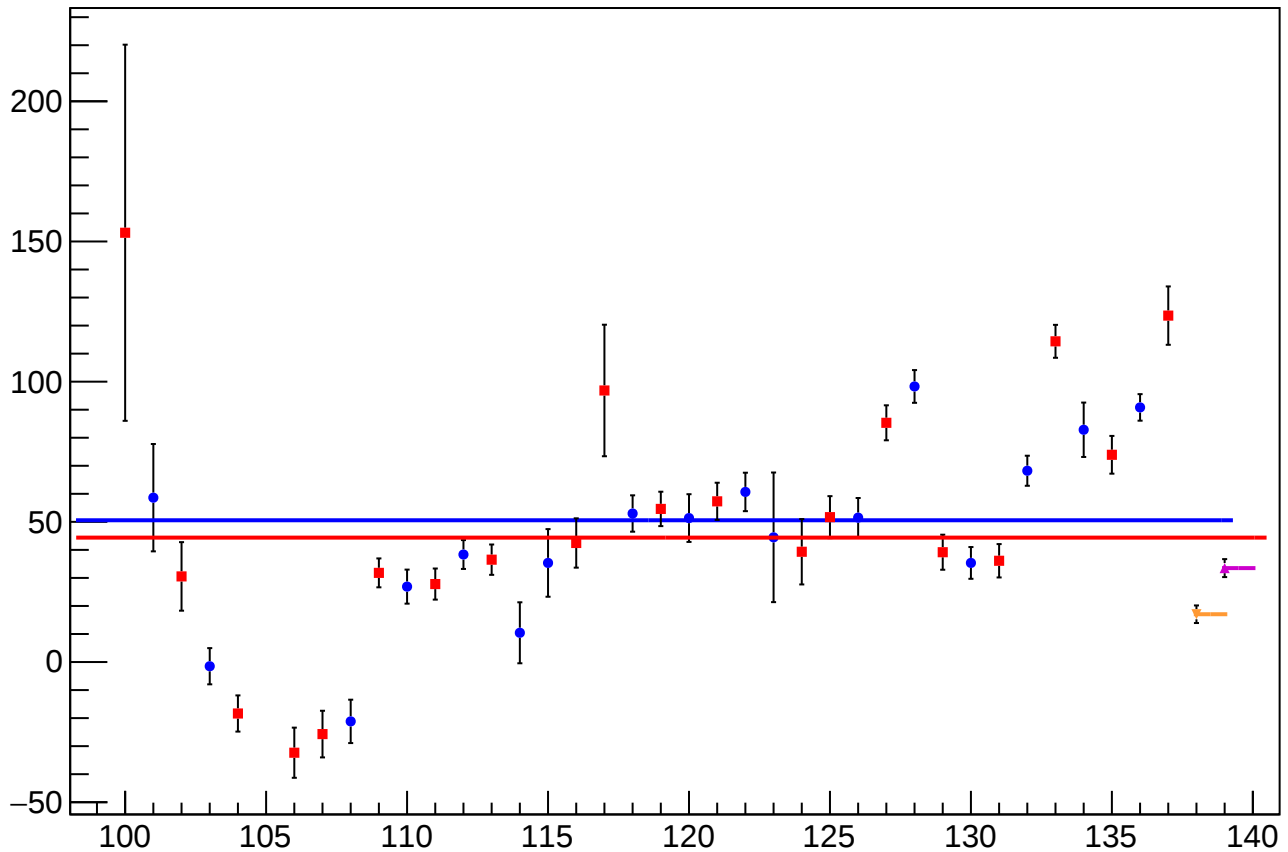
Right Out: 18.752 $\pm$ 0.862 χ^2 /NDF: 199.5/19

Left In: -5.841 $\pm$ 5.298 χ^2 /NDF: 0.0/0

16.592 $\pm$ 0.879 χ^2 /NDF: 242.0/17

18.118 $\pm$ 0.850 χ^2 /NDF: 220.5/20

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.565+/-1.678 χ^2 /NDF: 357.9/16

Left Out: 17.050+/-3.137 χ^2 /NDF: 0.0/0

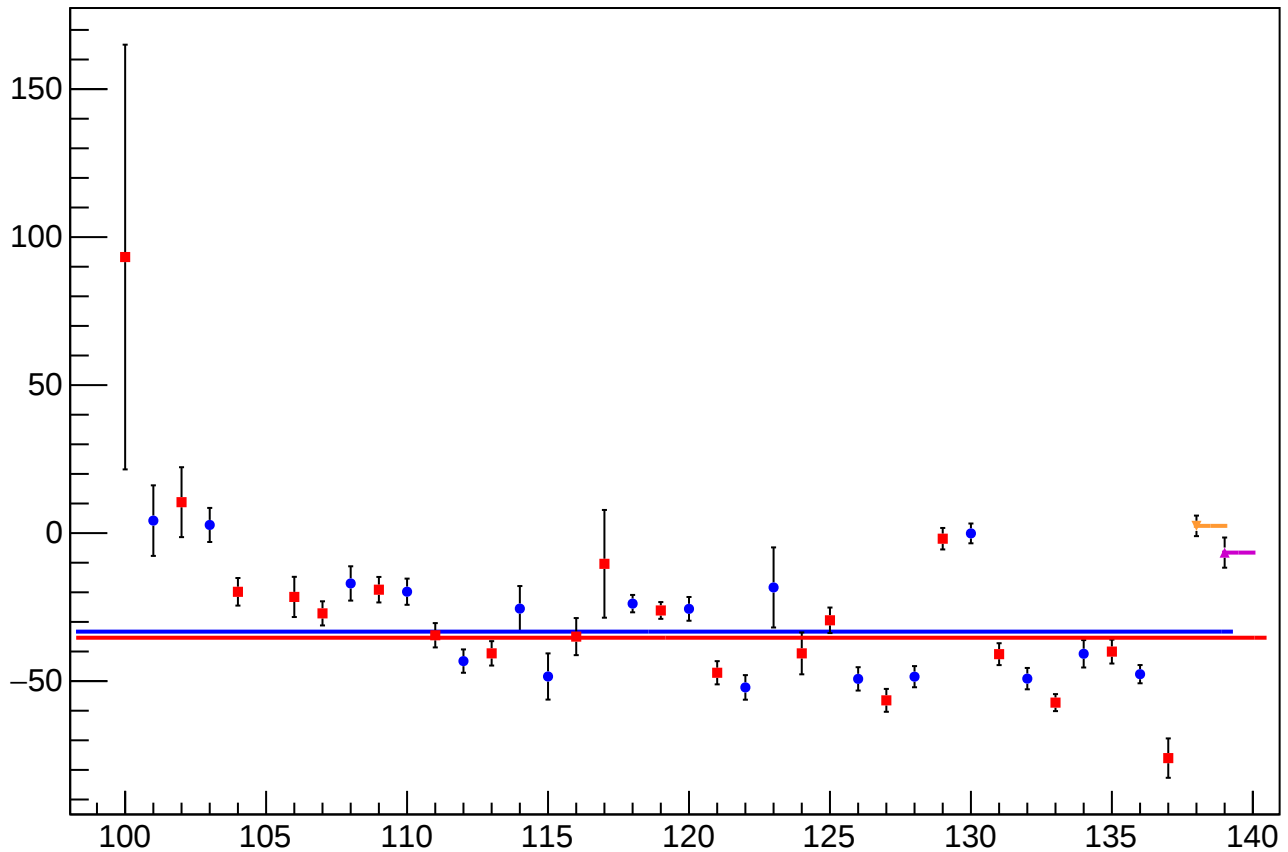
Right Out: 44.377+/-1.599 χ^2 /NDF: 537.6/19

Left In: 33.503+/-3.206 χ^2 /NDF: 0.0/0

43.110+/-1.479 χ^2 /NDF: 446.7/17

42.211+/-1.431 χ^2 /NDF: 546.8/20

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.281 ± 1.043 χ^2/NDF : 290.1/16

Left Out: 2.447 ± 3.471 χ^2/NDF : 0.0/0

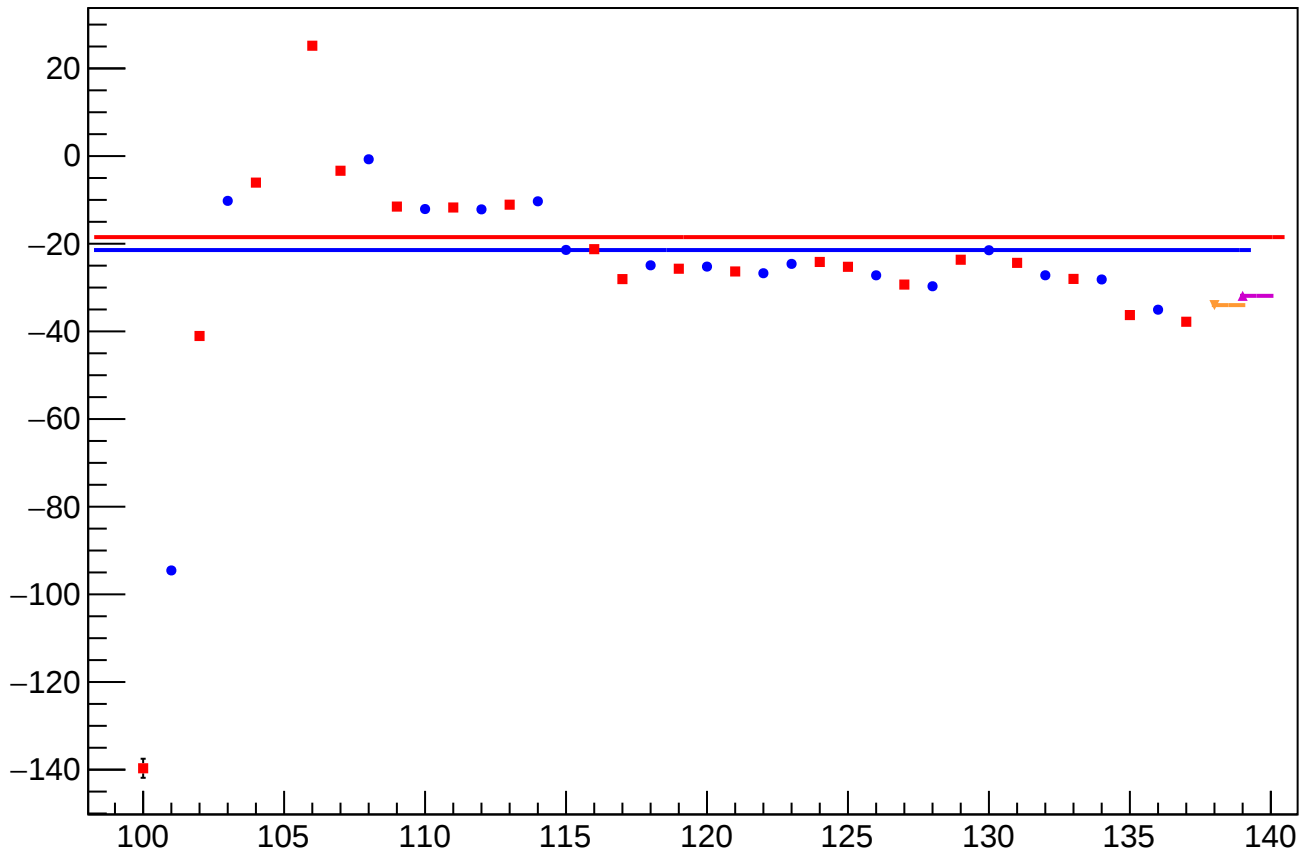
Right Out: -35.343 ± 0.990 χ^2/NDF : 291.6/19

Left In: -6.587 ± 5.098 χ^2/NDF : 0.0/0

-30.320 ± 0.999 χ^2/NDF : 387.3/17

-34.299 ± 0.972 χ^2/NDF : 322.3/20

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.442 $\pm$ 0.059 χ^2 /NDF: 48968.5/16

Left Out: -34.003 $\pm$ 0.122 χ^2 /NDF: 0.0/0

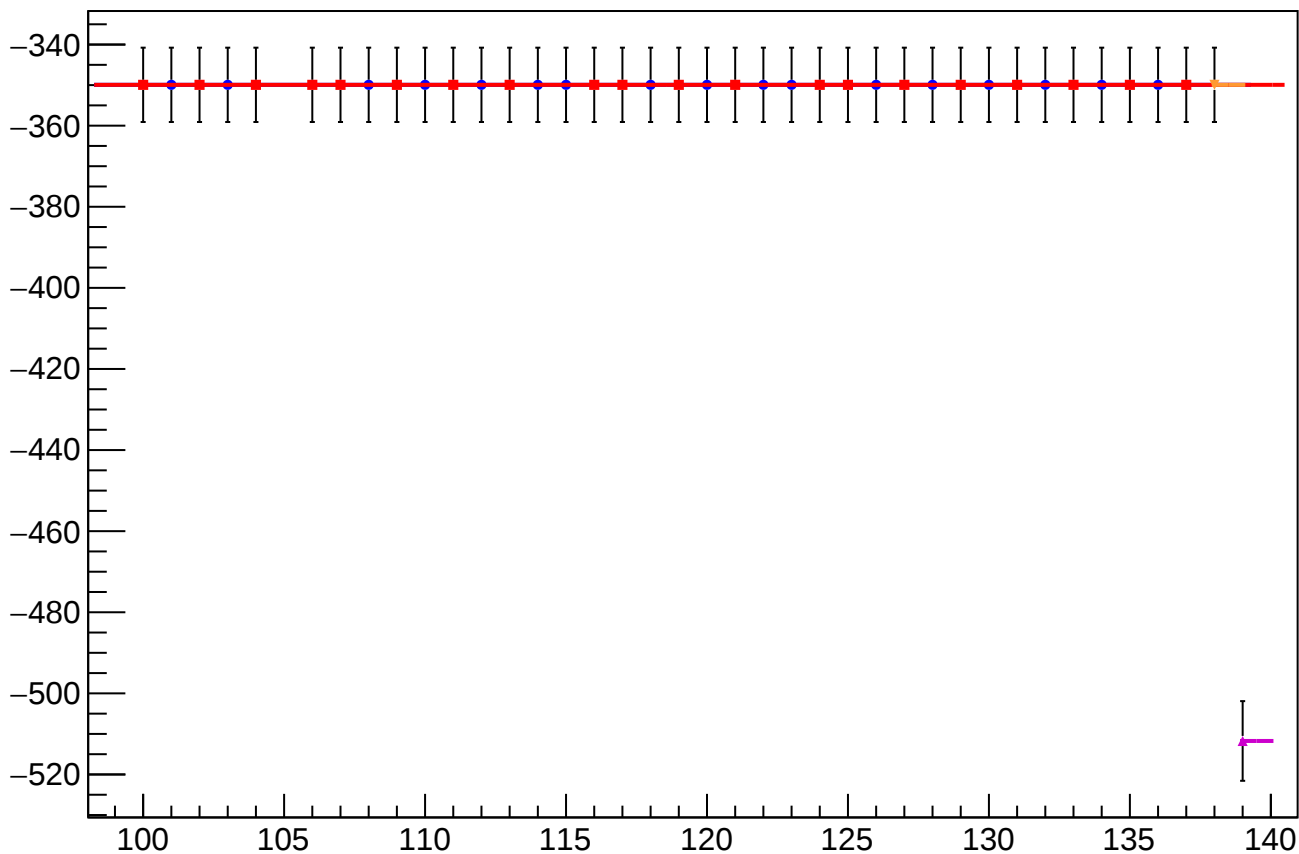
Right Out: -18.490 $\pm$ 0.057 χ^2 /NDF: 80549.5/19

Left In: -31.889 $\pm$ 0.113 χ^2 /NDF: 0.0/0

-23.813 $\pm$ 0.053 χ^2 /NDF: 57547.4/17

-21.250 $\pm$ 0.051 χ^2 /NDF: 91805.6/20

reg_asym_atr2_diff_bpm1X_slope vs Slug



Right In: -349.933+/-2.223 χ^2/NDF : 0.0/16

Left Out: -349.933+/-9.166 χ^2/NDF : 0.0/0

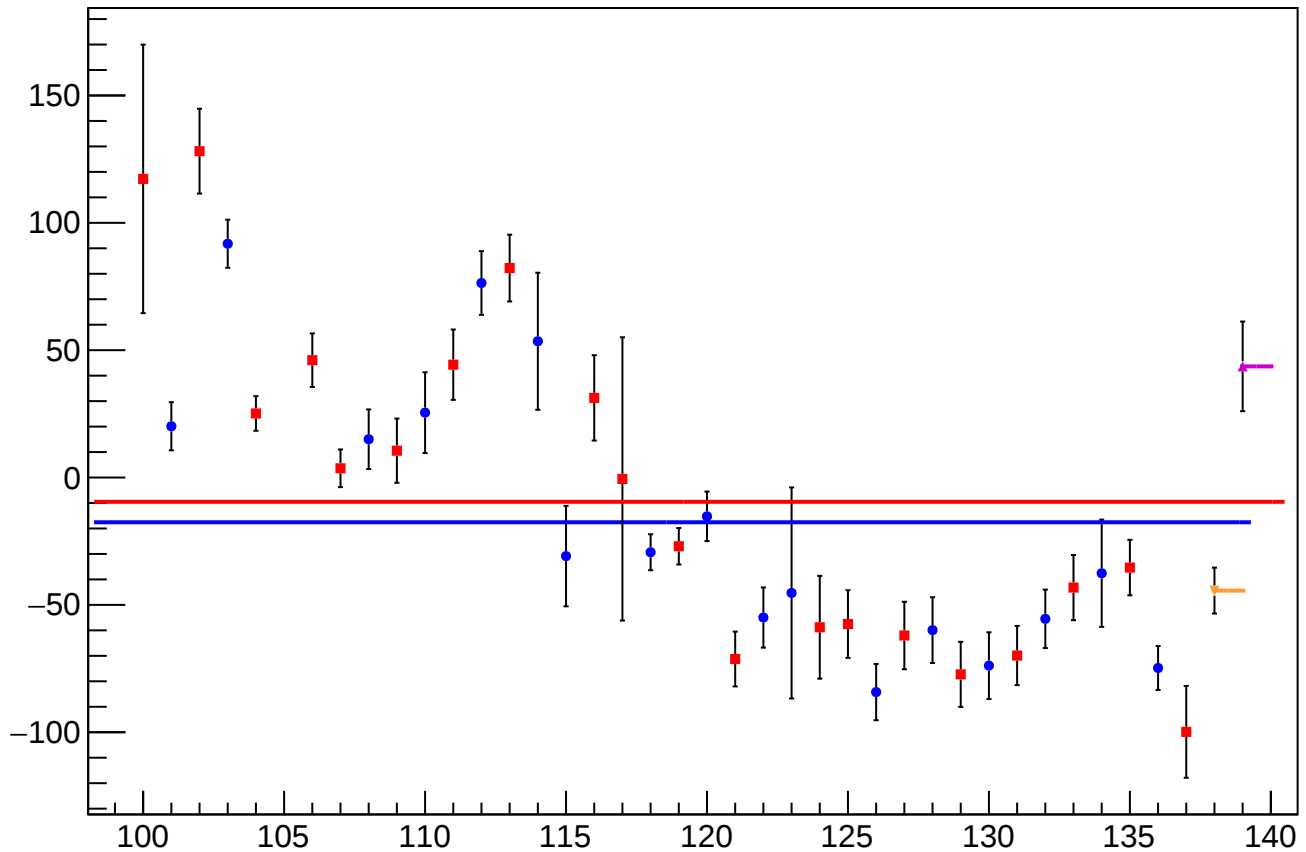
Right Out: -349.933+/-2.049 χ^2/NDF : 0.0/19

Left In: -511.738+/-9.823 χ^2/NDF : 0.0/0

-349.933+/-2.160 χ^2/NDF : 0.0/17

-356.683+/-2.006 χ^2/NDF : 260.0/20

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -17.564 ± 2.820 χ^2/NDF : 363.7/16

Left Out: -44.385 ± 9.013 χ^2/NDF : 0.0/0

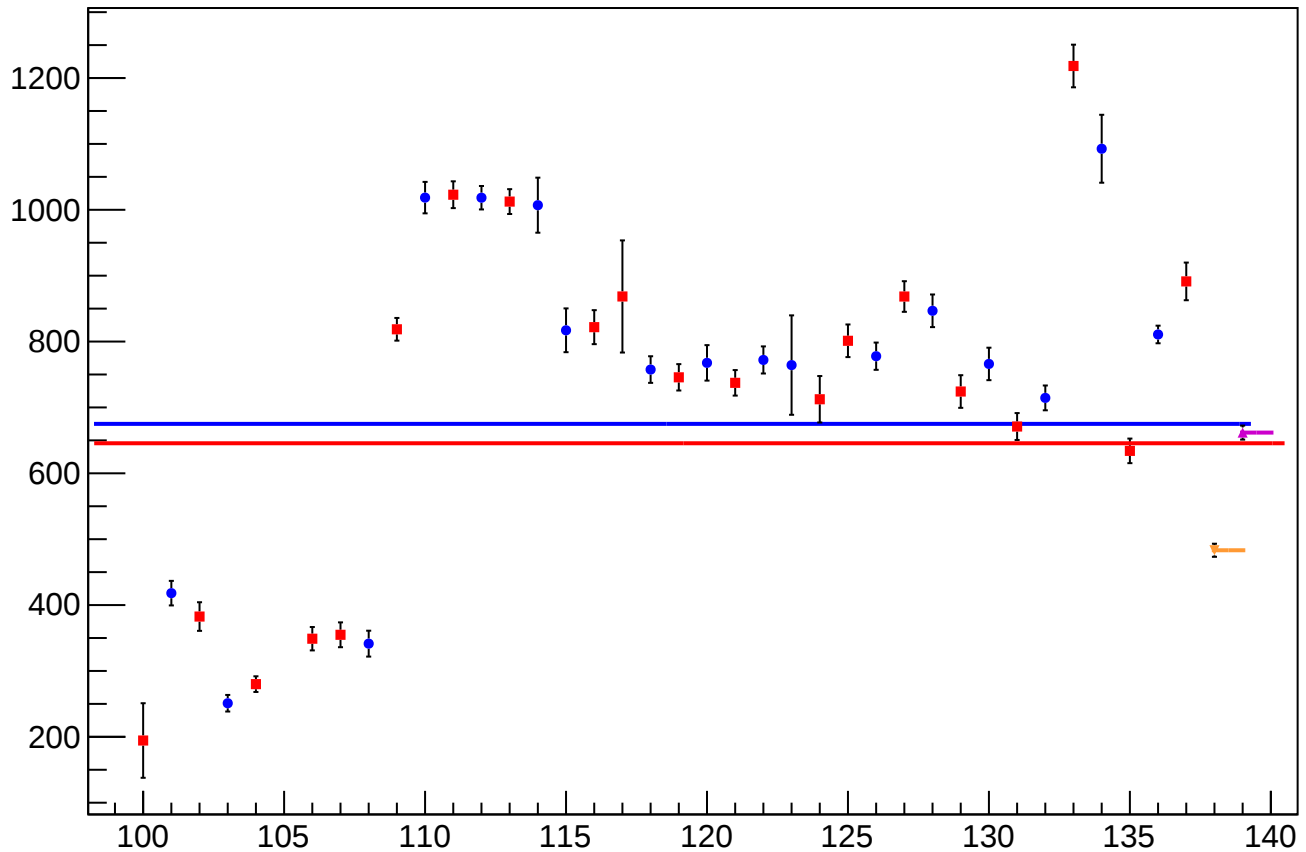
Right Out: -9.527 ± 2.606 χ^2/NDF : 370.3/19

Left In: 43.644 ± 17.591 χ^2/NDF : 0.0/0

-19.956 ± 2.692 χ^2/NDF : 371.8/17

-8.385 ± 2.578 χ^2/NDF : 379.2/20

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.045+/-5.067 χ^2/NDF : 2584.3/16

Left Out: 483.194+/-9.935 χ^2/NDF : 0.0/0

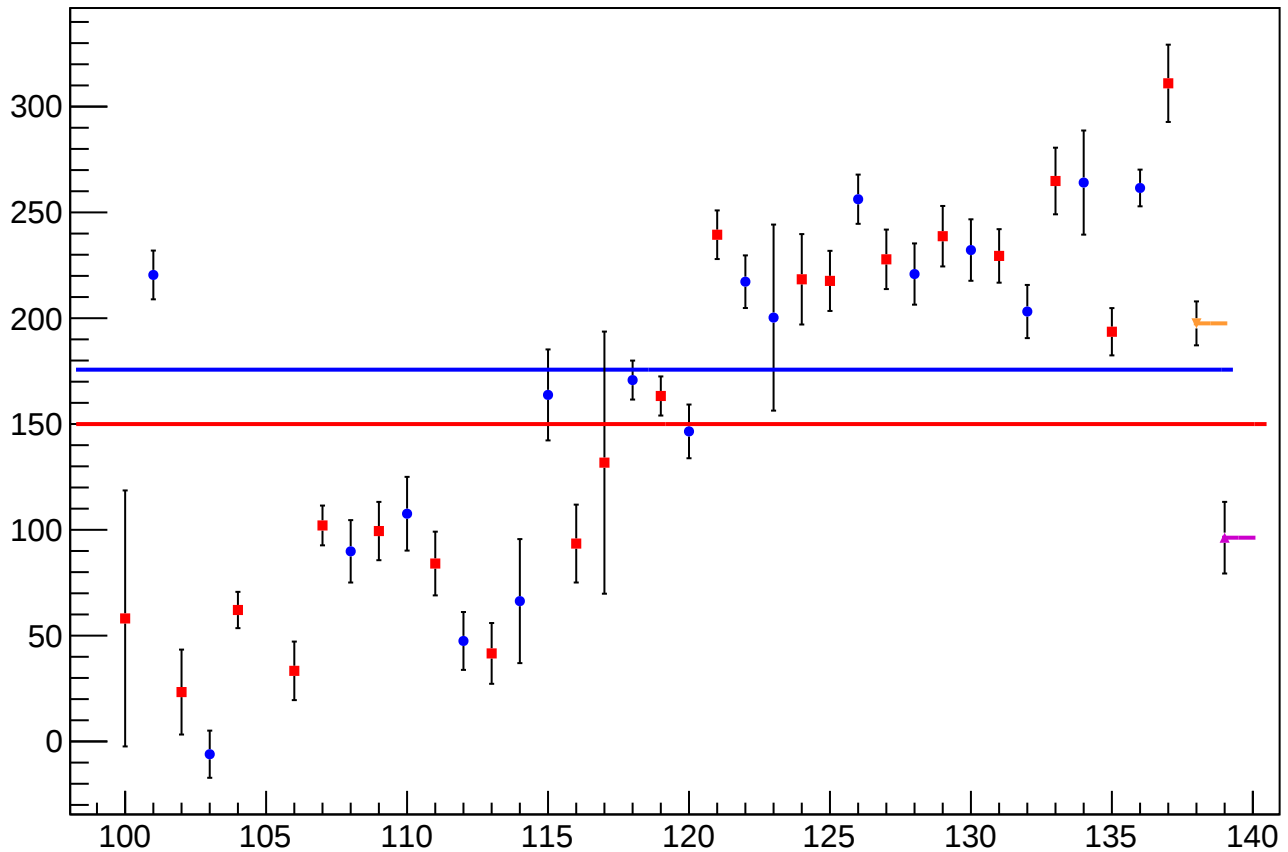
Right Out: 645.613+/-4.754 χ^2/NDF : 3129.0/19

Left In: 661.806+/-10.644 χ^2/NDF : 0.0/0

635.440+/-4.514 χ^2/NDF : 2880.2/17

648.306+/-4.341 χ^2/NDF : 3131.0/20

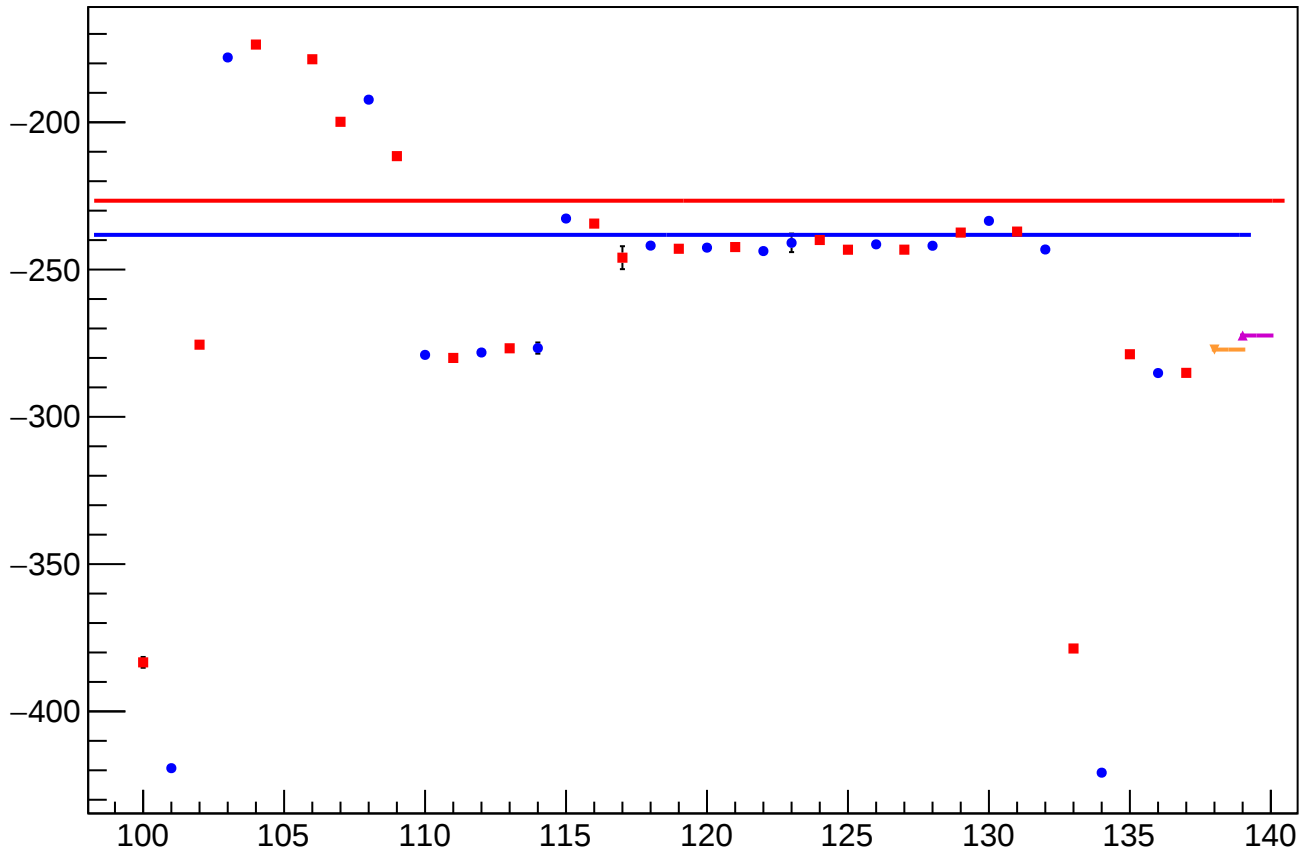
reg_asym_atr2_diff_bpm4eY_slope vs Slug



177.625 +/- 3.092 χ^2/NDF : 642.0/17

148.297 +/- 2.991 χ^2/NDF : 703.6/20

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.217+/-0.160 χ^2/NDF : 167120.0/16

Left Out: -277.162+/-0.395 χ^2/NDF : 0.0/0

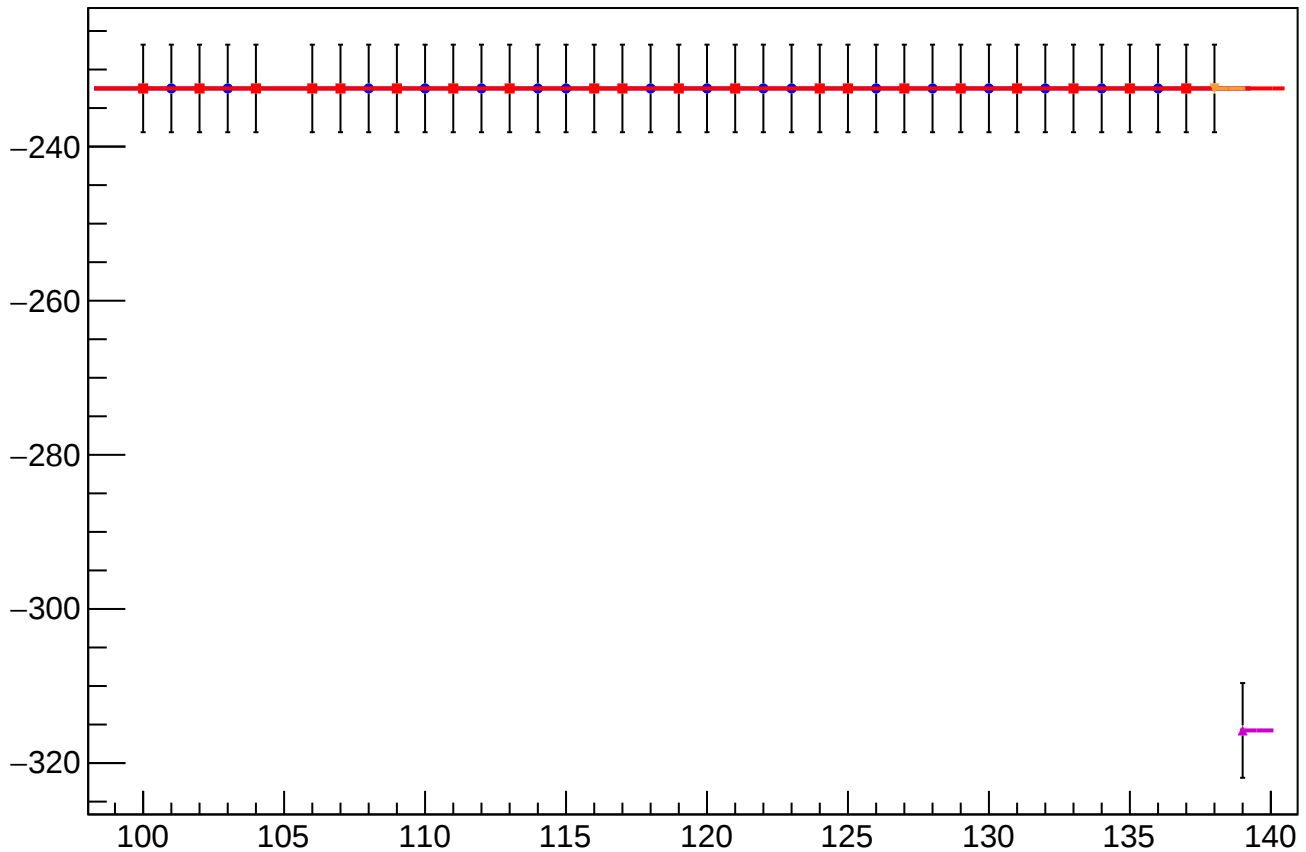
Right Out: -226.626+/-0.151 χ^2/NDF : 102587.0/19

Left In: -272.386+/-0.374 χ^2/NDF : 0.0/0

-243.725+/-0.149 χ^2/NDF : 175451.7/17

-233.049+/-0.140 χ^2/NDF : 115457.6/20

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



Right In: -232.456+/-1.378 χ^2/NDF : 0.0/16

Left Out: -232.456+/-5.680 χ^2/NDF : 0.0/0

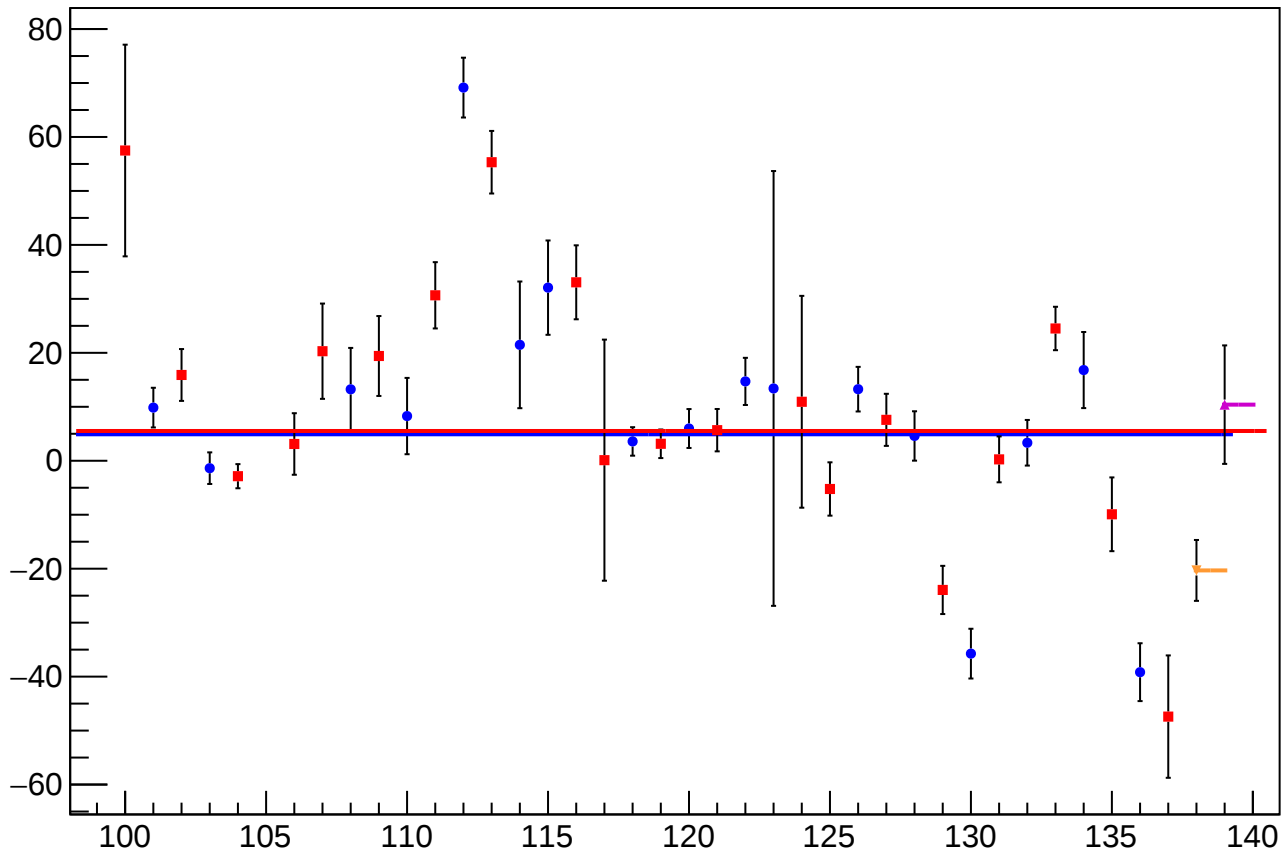
Right Out: -232.456+/-1.270 χ^2/NDF : 0.0/19

Left In: -315.763+/-6.147 χ^2/NDF : 0.0/0

-232.456+/-1.339 χ^2/NDF : 0.0/17

-235.868+/-1.244 χ^2/NDF : 176.2/20

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 4.905 ± 1.105 χ^2/NDF : 311.7/16

Left Out: -20.320 ± 5.641 χ^2/NDF : 0.0/0

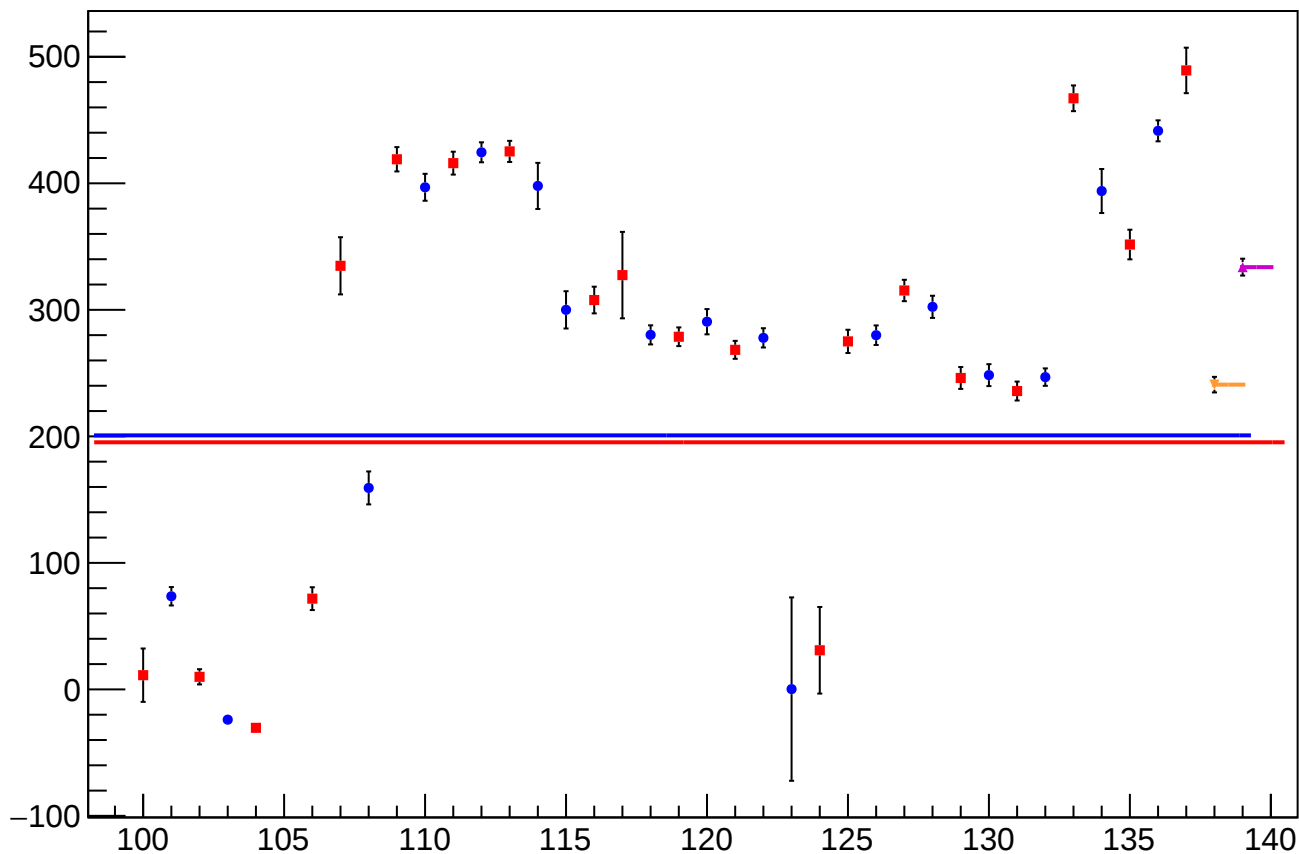
Right Out: 5.517 ± 1.067 χ^2/NDF : 239.0/19

Left In: 10.399 ± 10.978 χ^2/NDF : 0.0/0

3.972 ± 1.085 χ^2/NDF : 330.9/17

5.563 ± 1.062 χ^2/NDF : 239.2/20

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 200.773 $\pm$ 1.983 χ^2 /NDF: 6733.0/16

Left Out: 240.873 $\pm$ 6.158 χ^2 /NDF: 0.0/0

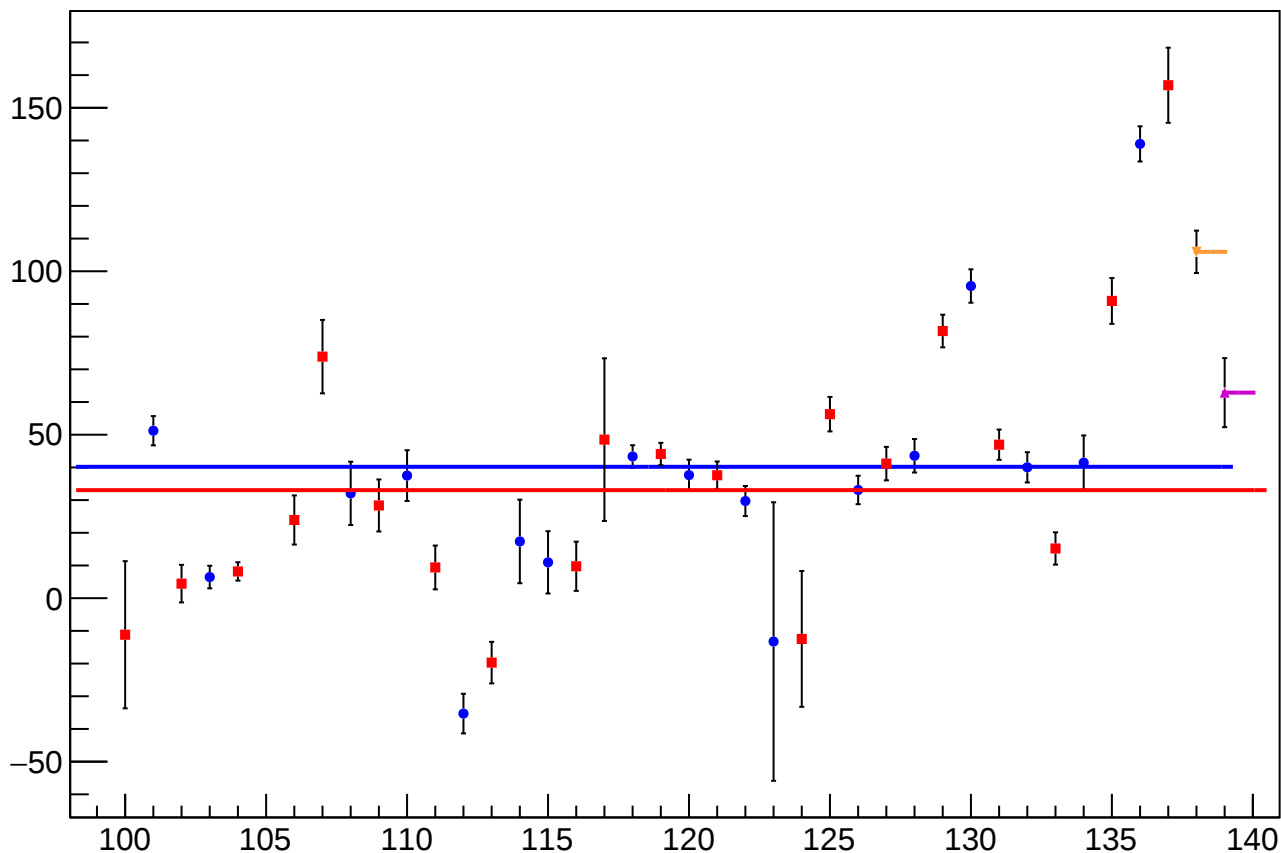
Right Out: 195.311 $\pm$ 1.921 χ^2 /NDF: 8262.1/19

Left In: 333.755 $\pm$ 6.664 χ^2 /NDF: 0.0/0

204.541 $\pm$ 1.888 χ^2 /NDF: 6771.4/17

205.930 $\pm$ 1.846 χ^2 /NDF: 8660.6/20

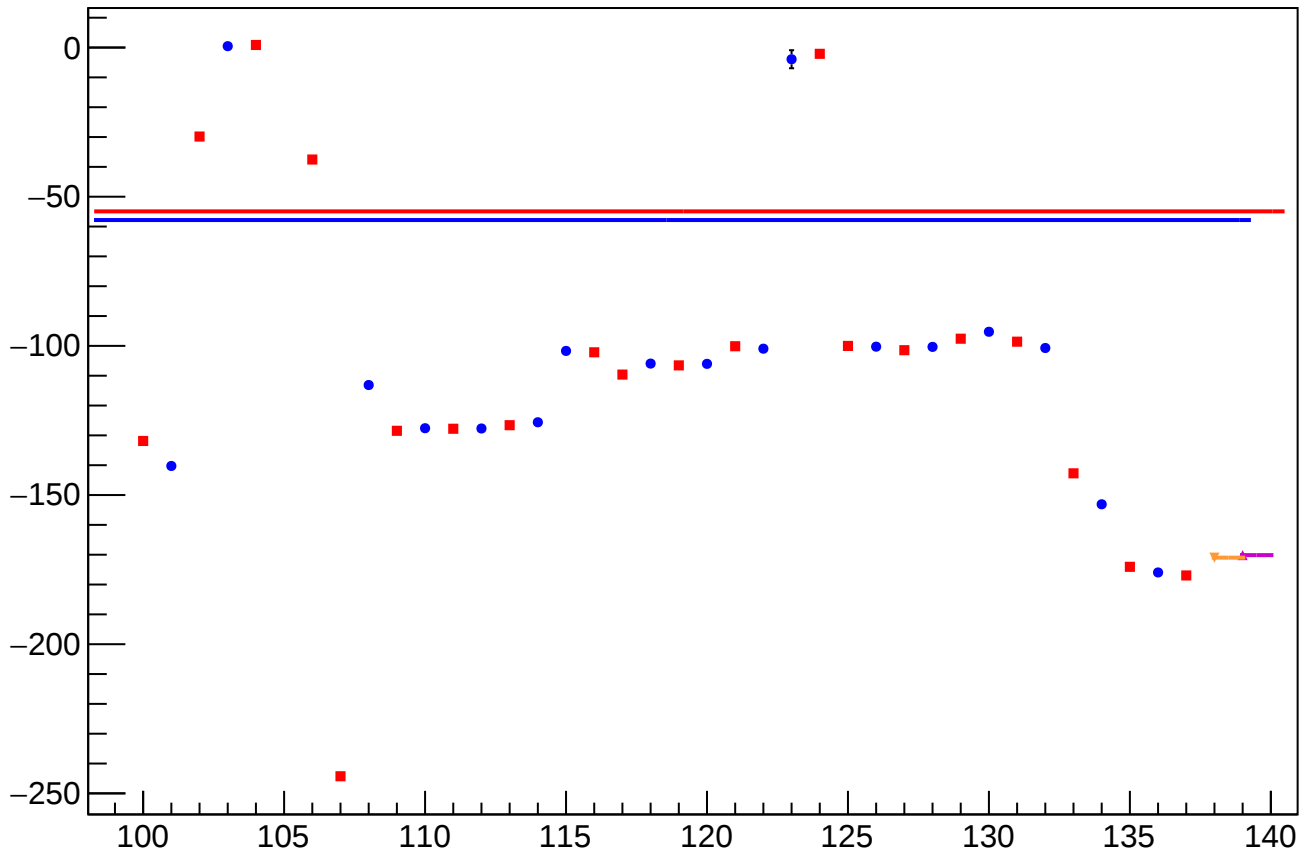
reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



42.664 $\pm$ 1.259 χ^2/NDF : 833.6/17

33.456 $\pm$ 1.240 χ^2/NDF : 560.9/20

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -57.821+/-0.062 χ^2/NDF : 1101296.2/16

Left Out: -170.990+/-0.244 χ^2/NDF : 0.0/0

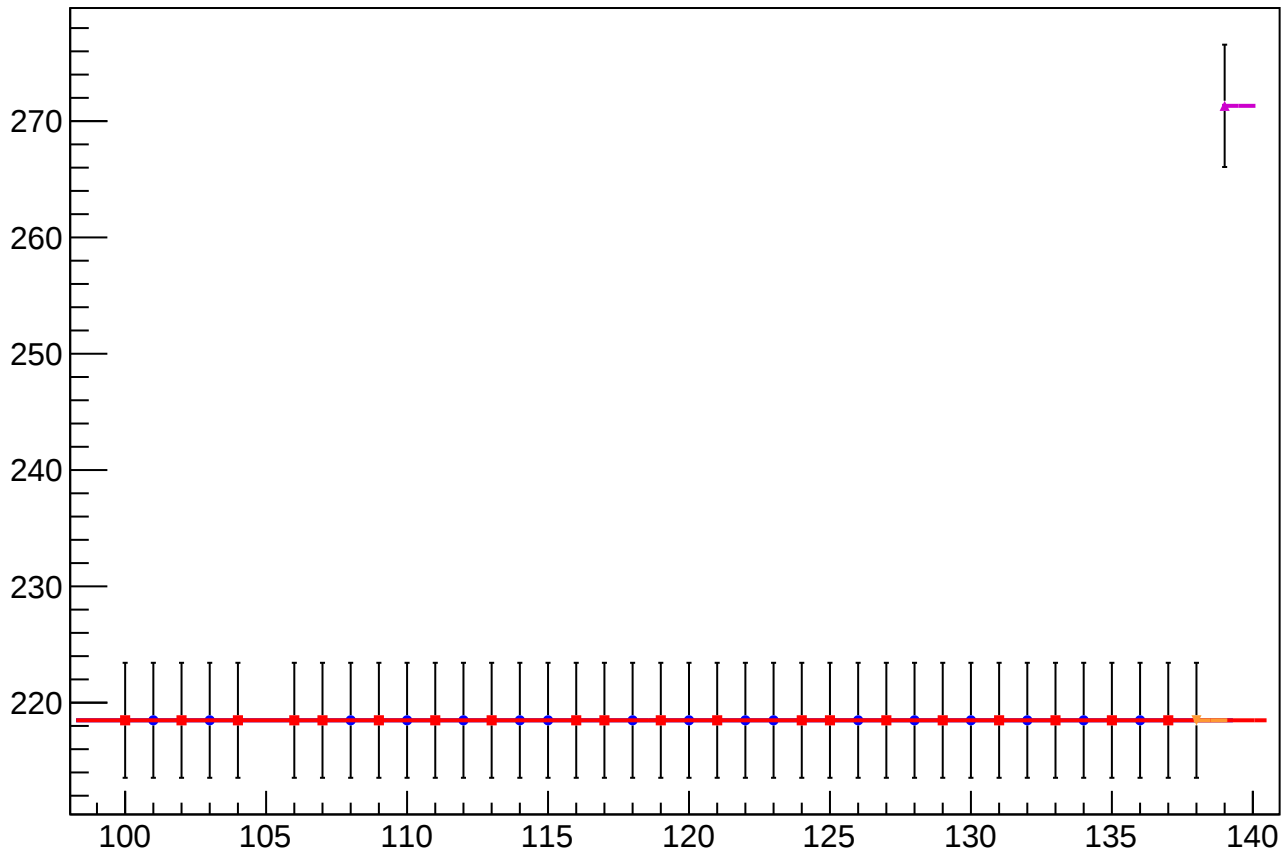
Right Out: -54.915+/-0.060 χ^2/NDF : 1001968.3/19

Left In: -170.137+/-0.233 χ^2/NDF : 0.0/0

-64.634+/-0.060 χ^2/NDF : 1303239.2/17

-62.106+/-0.058 χ^2/NDF : 1230702.0/20

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



Right In: 218.484 $\pm$ 1.199 χ^2 /NDF: 0.0/16

Left Out: 218.484 $\pm$ 4.943 χ^2 /NDF: 0.0/0

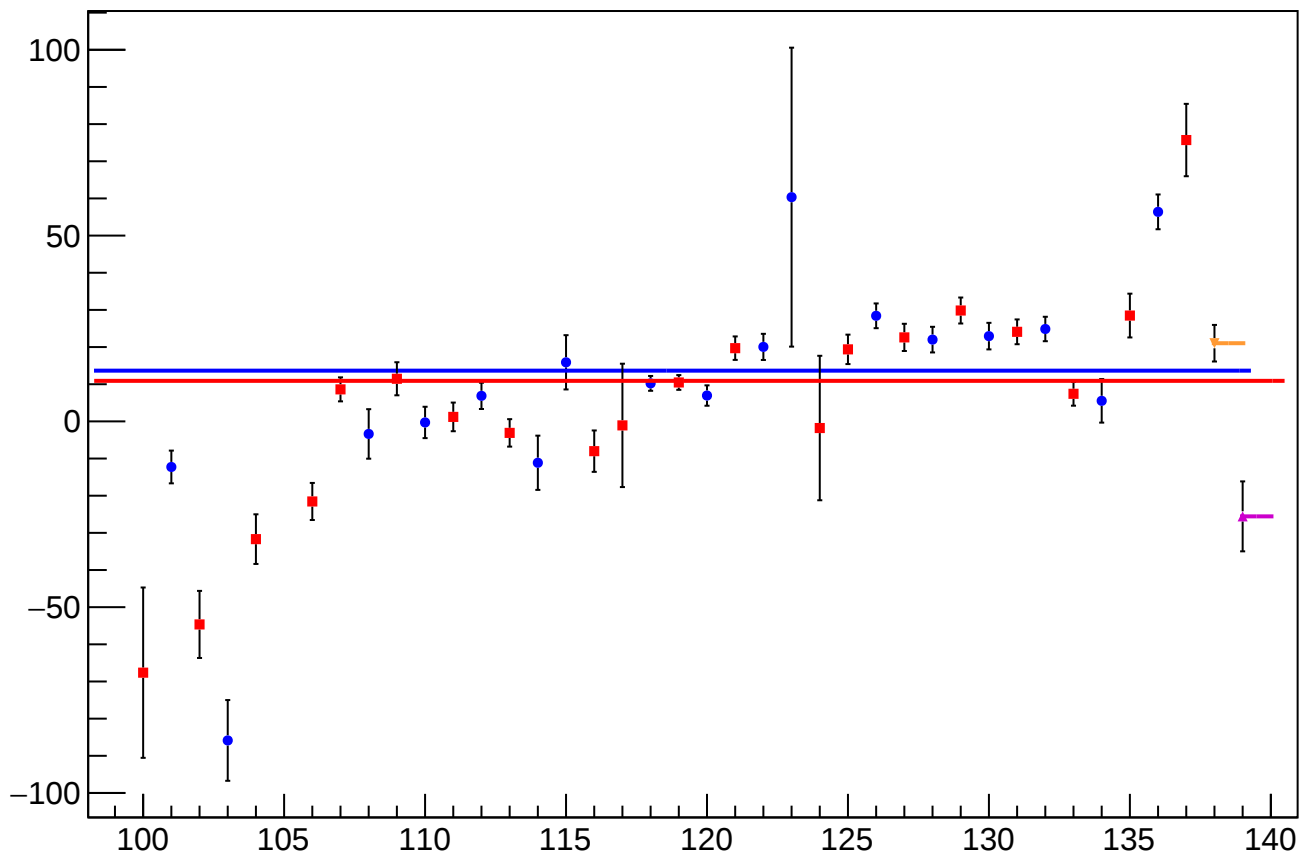
Right Out: 218.484 $\pm$ 1.105 χ^2 /NDF: 0.0/19

Left In: 271.314 $\pm$ 5.259 χ^2 /NDF: 0.0/0

218.484 $\pm$ 1.165 χ^2 /NDF: 0.0/17

220.719 $\pm$ 1.082 χ^2 /NDF: 96.7/20

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 13.652 $\pm$ 0.936 χ^2 /NDF: 294.0/16

Left Out: 21.037 $\pm$ 4.923 χ^2 /NDF: 0.0/0

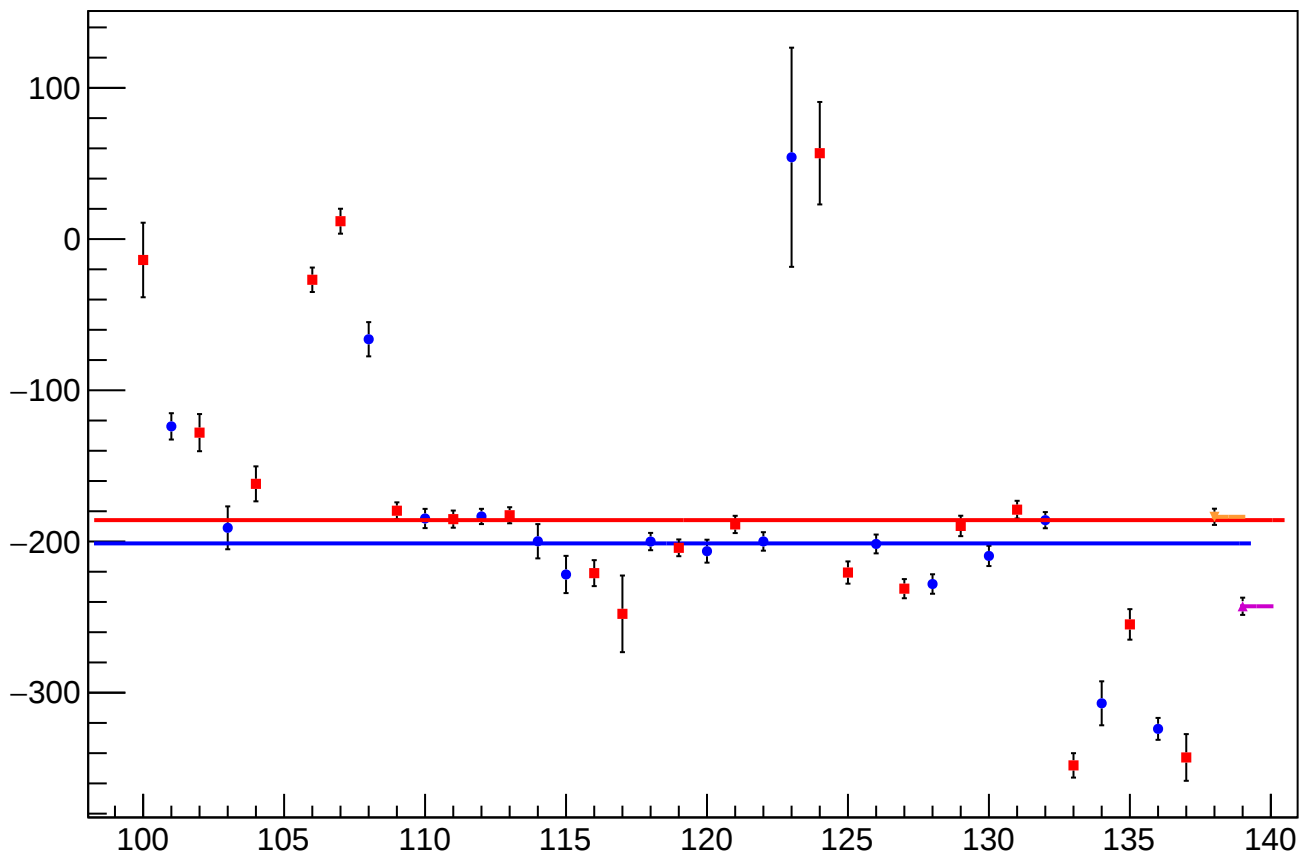
Right Out: 10.908 $\pm$ 0.912 χ^2 /NDF: 303.1/19

Left In: -25.562 $\pm$ 9.413 χ^2 /NDF: 0.0/0

13.910 $\pm$ 0.920 χ^2 /NDF: 296.2/17

10.569 $\pm$ 0.908 χ^2 /NDF: 317.9/20

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.266 ± 1.795 χ^2/NDF : 623.4/16

Left Out: -183.674 ± 5.359 χ^2/NDF : 0.0/0

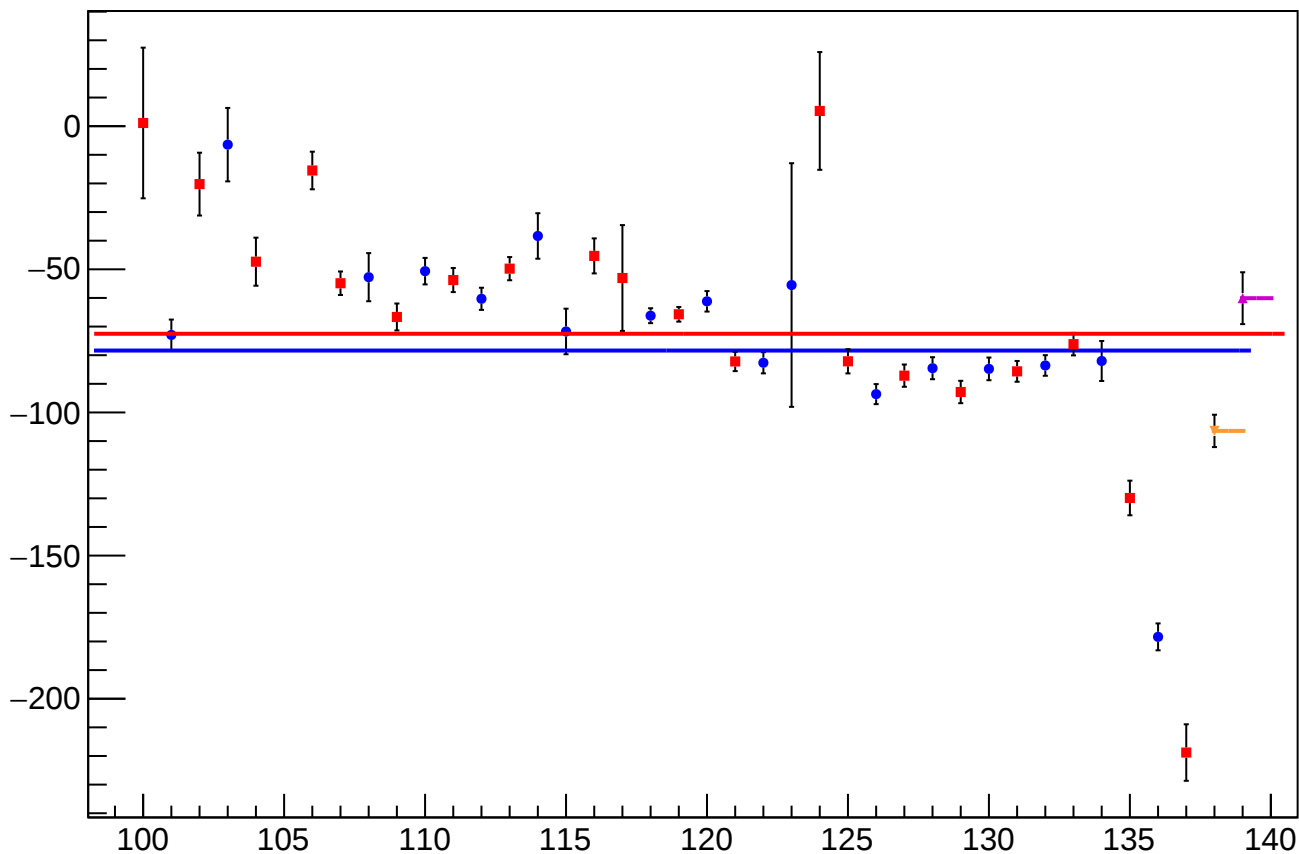
Right Out: -185.871 ± 1.695 χ^2/NDF : 1752.0/19

Left In: -242.852 ± 5.699 χ^2/NDF : 0.0/0

-199.491 ± 1.702 χ^2/NDF : 633.1/17

-190.505 ± 1.625 χ^2/NDF : 1843.9/20

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -78.376 ± 1.081 χ^2/NDF : 651.4/16

Left Out: -106.447 ± 5.654 χ^2/NDF : 0.0/0

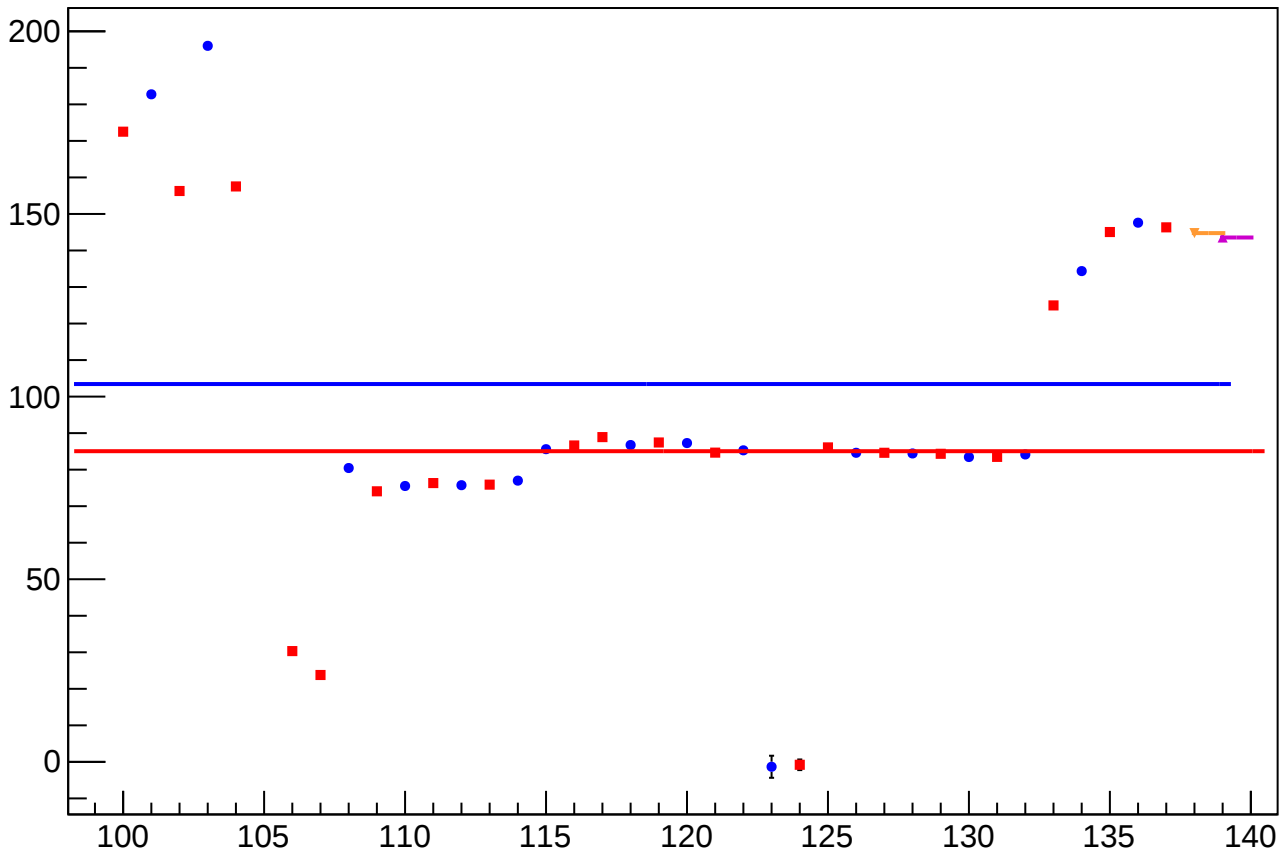
Right Out: -72.514 ± 1.050 χ^2/NDF : 607.0/19

Left In: -60.085 ± 9.056 χ^2/NDF : 0.0/0

-79.367 ± 1.062 χ^2/NDF : 675.1/17

-72.349 ± 1.043 χ^2/NDF : 608.8/20

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.436 $\pm$ 0.071 χ^2 /NDF: 272785.6/16

Left Out: 144.759 $\pm$ 0.212 χ^2 /NDF: 0.0/0

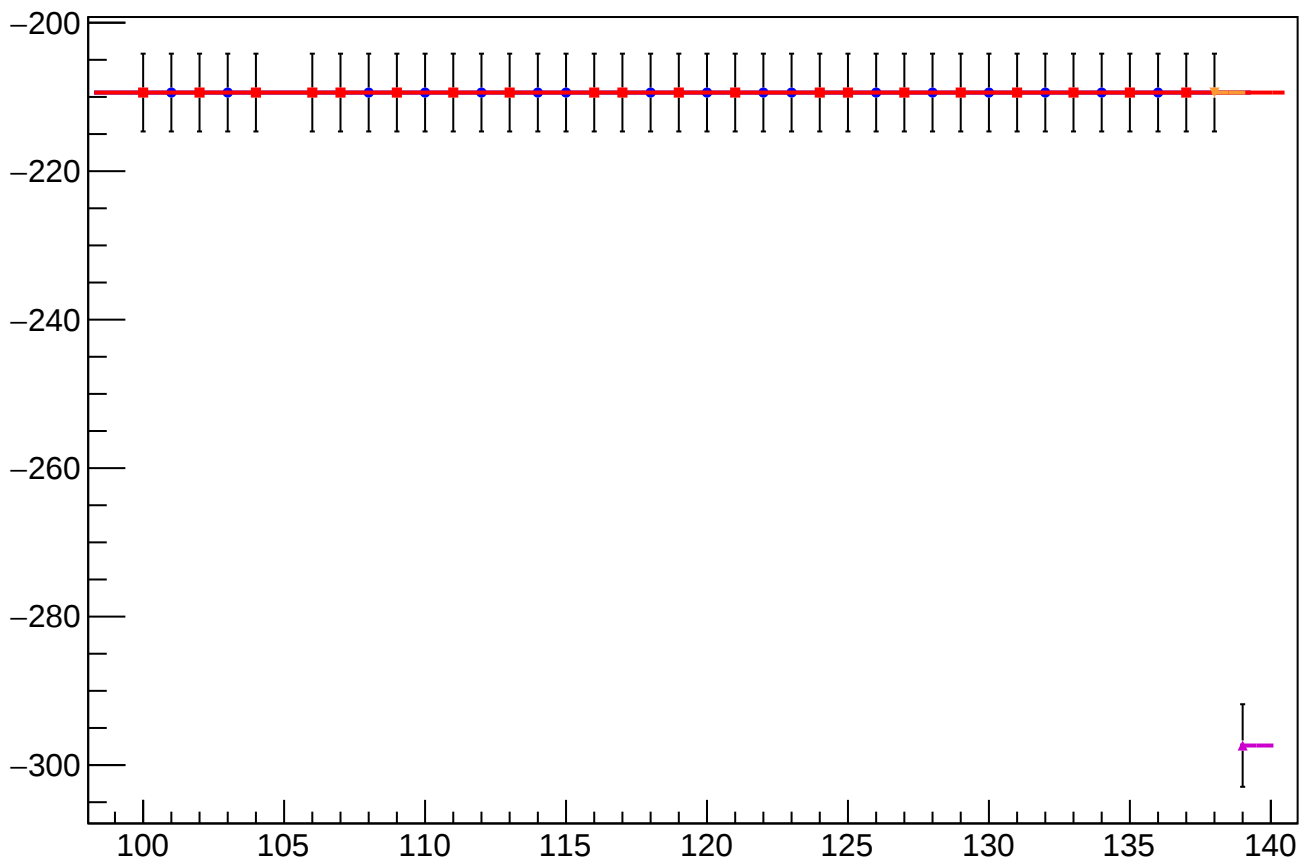
Right Out: 85.054 $\pm$ 0.064 χ^2 /NDF: 422354.0/19

Left In: 143.555 $\pm$ 0.200 χ^2 /NDF: 0.0/0

107.581 $\pm$ 0.067 χ^2 /NDF: 306875.1/17

90.426 $\pm$ 0.061 χ^2 /NDF: 499937.6/20

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



Right In: -209.411+/-1.271 χ^2/NDF : 0.0/16

Left Out: -209.411+/-5.239 χ^2/NDF : 0.0/0

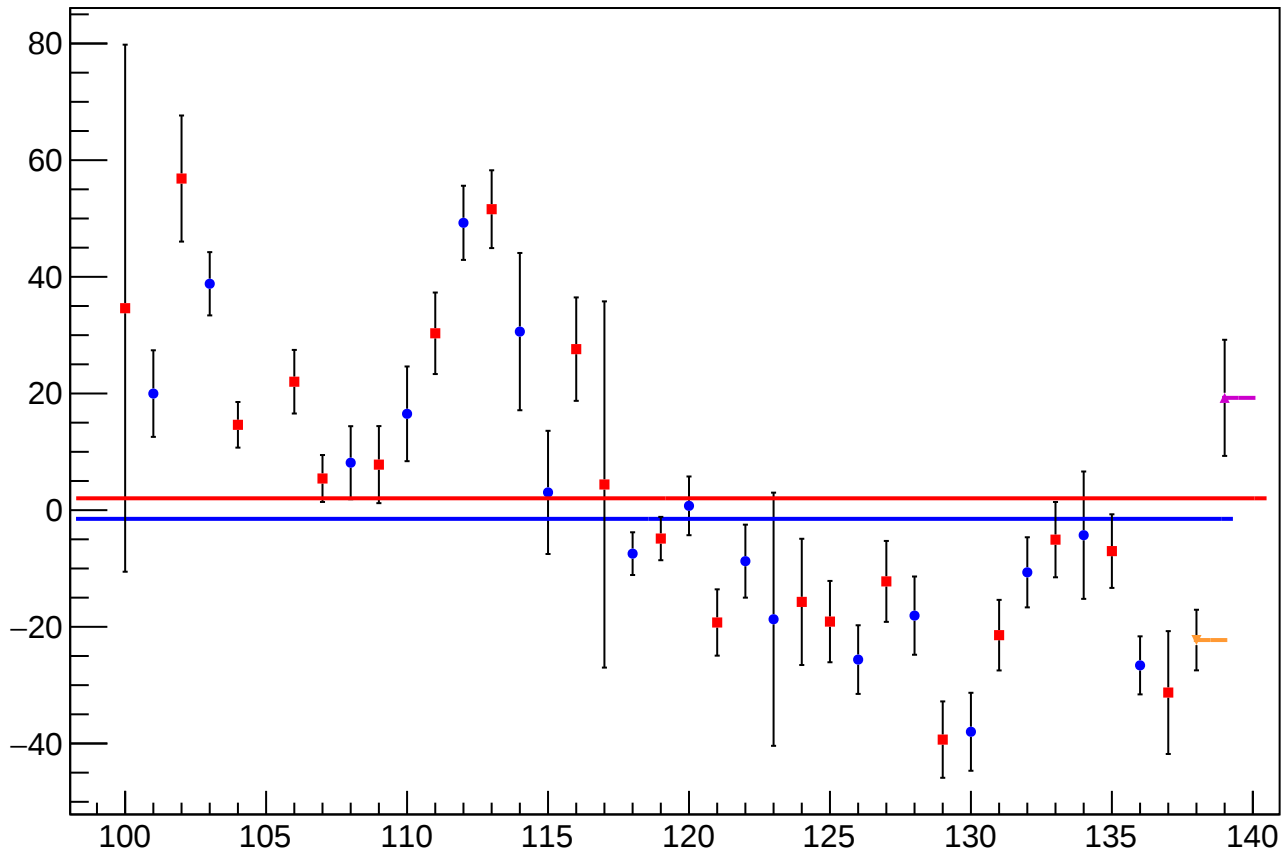
Right Out: -209.411+/-1.172 χ^2/NDF : 0.0/19

Left In: -297.364+/-5.561 χ^2/NDF : 0.0/0

-209.411+/-1.235 χ^2/NDF : 0.0/17

-213.149+/-1.146 χ^2/NDF : 239.5/20

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: -1.490 ± 1.536 χ^2/NDF : 226.0/16

Left Out: -22.268 ± 5.195 χ^2/NDF : 0.0/0

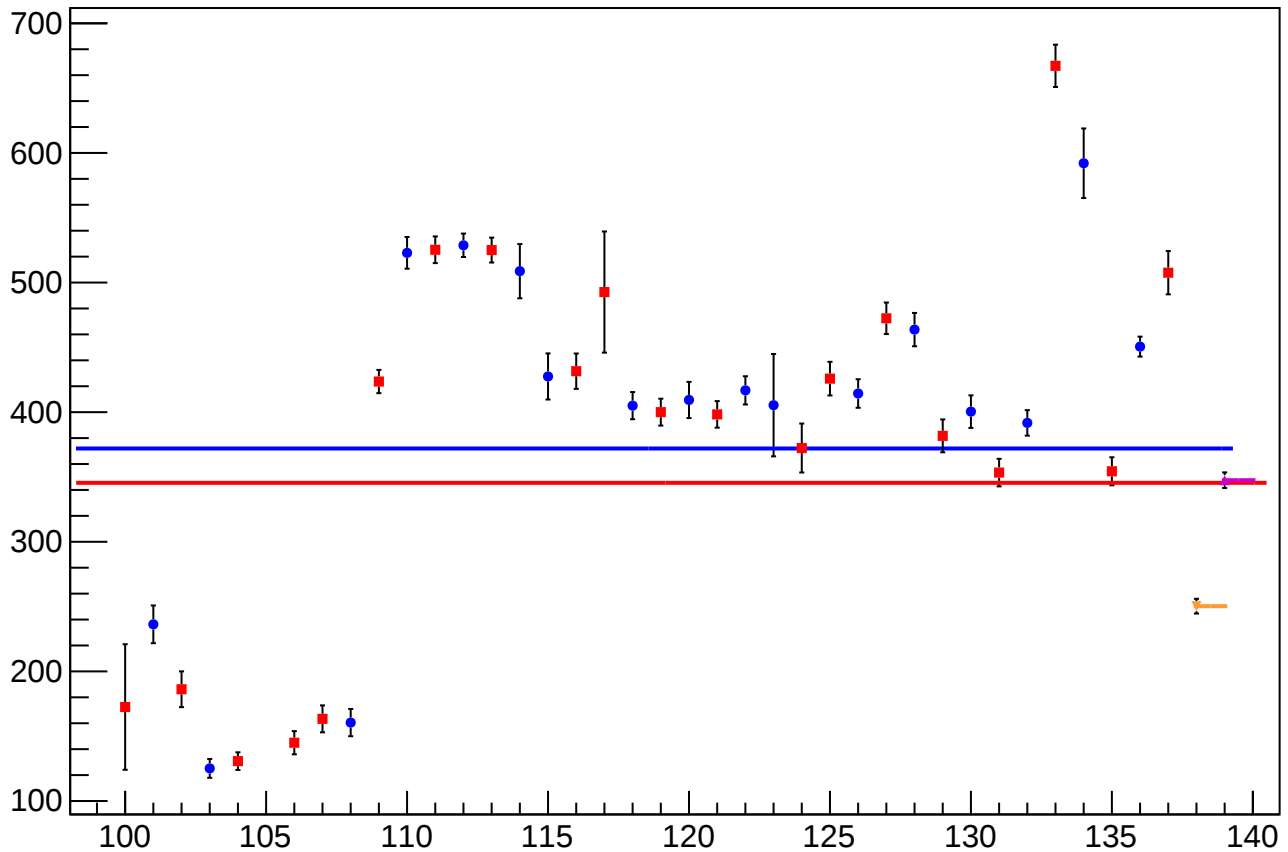
Right Out: 2.032 ± 1.398 χ^2/NDF : 233.3/19

Left In: 19.254 ± 9.954 χ^2/NDF : 0.0/0

-3.161 ± 1.473 χ^2/NDF : 240.7/17

2.365 ± 1.385 χ^2/NDF : 236.2/20

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 371.975 $\pm$ 2.778 χ^2 /NDF: 2432.6/16

Left Out: 250.327 $\pm$ 5.680 χ^2 /NDF: 0.0/0

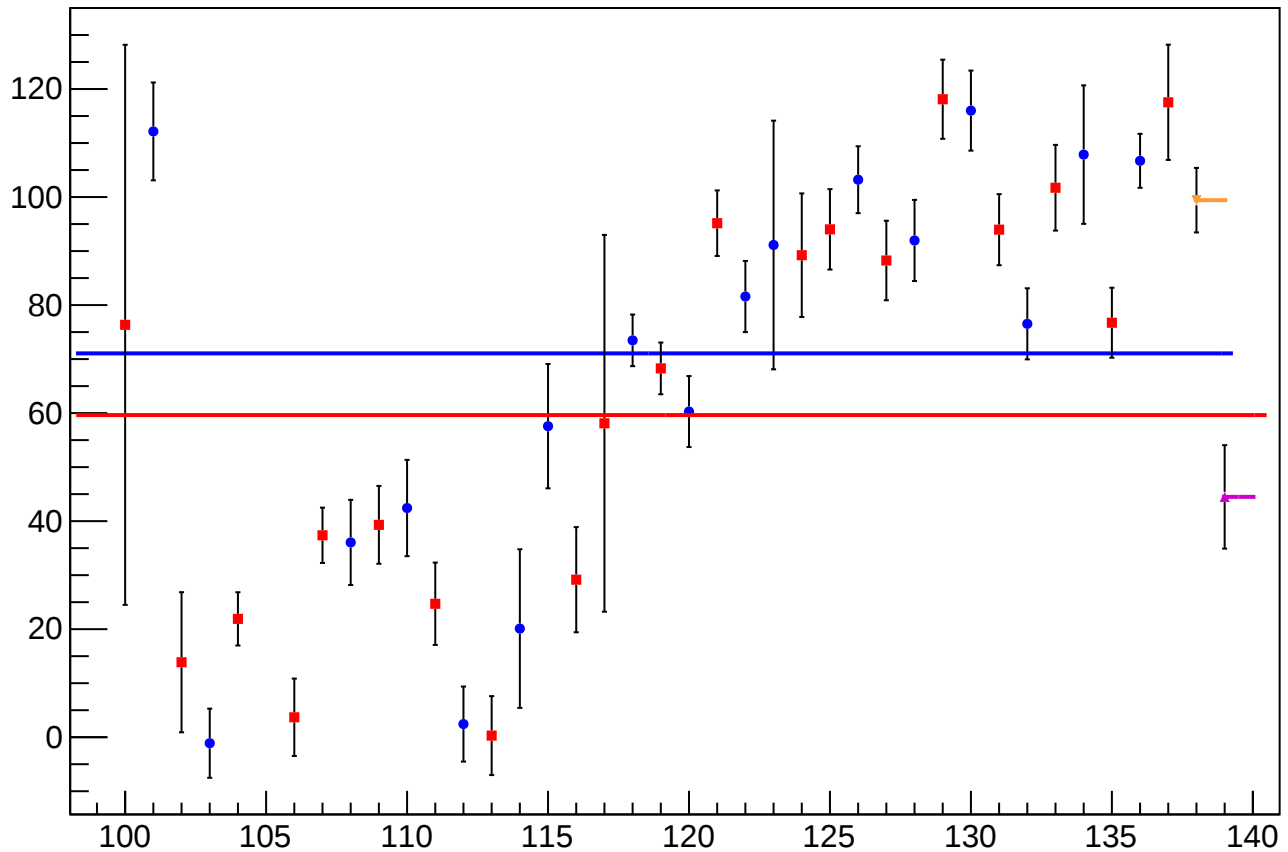
Right Out: 345.485 $\pm$ 2.558 χ^2 /NDF: 3425.1/19

Left In: 347.512 $\pm$ 6.027 χ^2 /NDF: 0.0/0

348.494 $\pm$ 2.495 χ^2 /NDF: 2802.8/17

345.794 $\pm$ 2.355 χ^2 /NDF: 3425.2/20

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 71.056 $\pm$ 1.764 χ^2 /NDF: 426.2/16

Left Out: 99.422 $\pm$ 5.973 χ^2 /NDF: 0.0/0

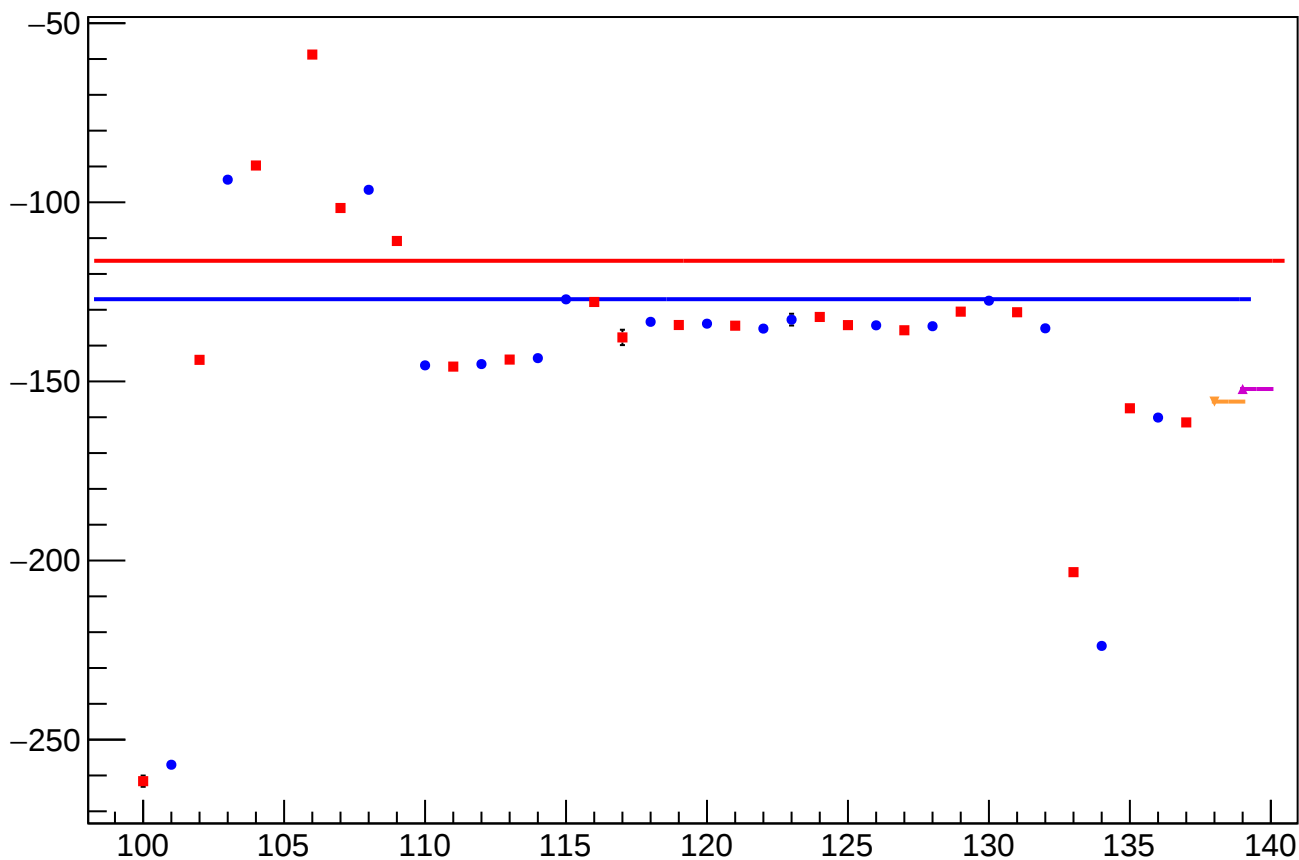
Right Out: 59.634 $\pm$ 1.629 χ^2 /NDF: 491.6/19

Left In: 44.490 $\pm$ 9.577 χ^2 /NDF: 0.0/0

73.332 $\pm$ 1.692 χ^2 /NDF: 446.9/17

59.208 $\pm$ 1.606 χ^2 /NDF: 494.1/20

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.049+/-0.090 χ^2/NDF : 167014.4/16

Left Out: -155.633+/-0.225 χ^2/NDF : 0.0/0

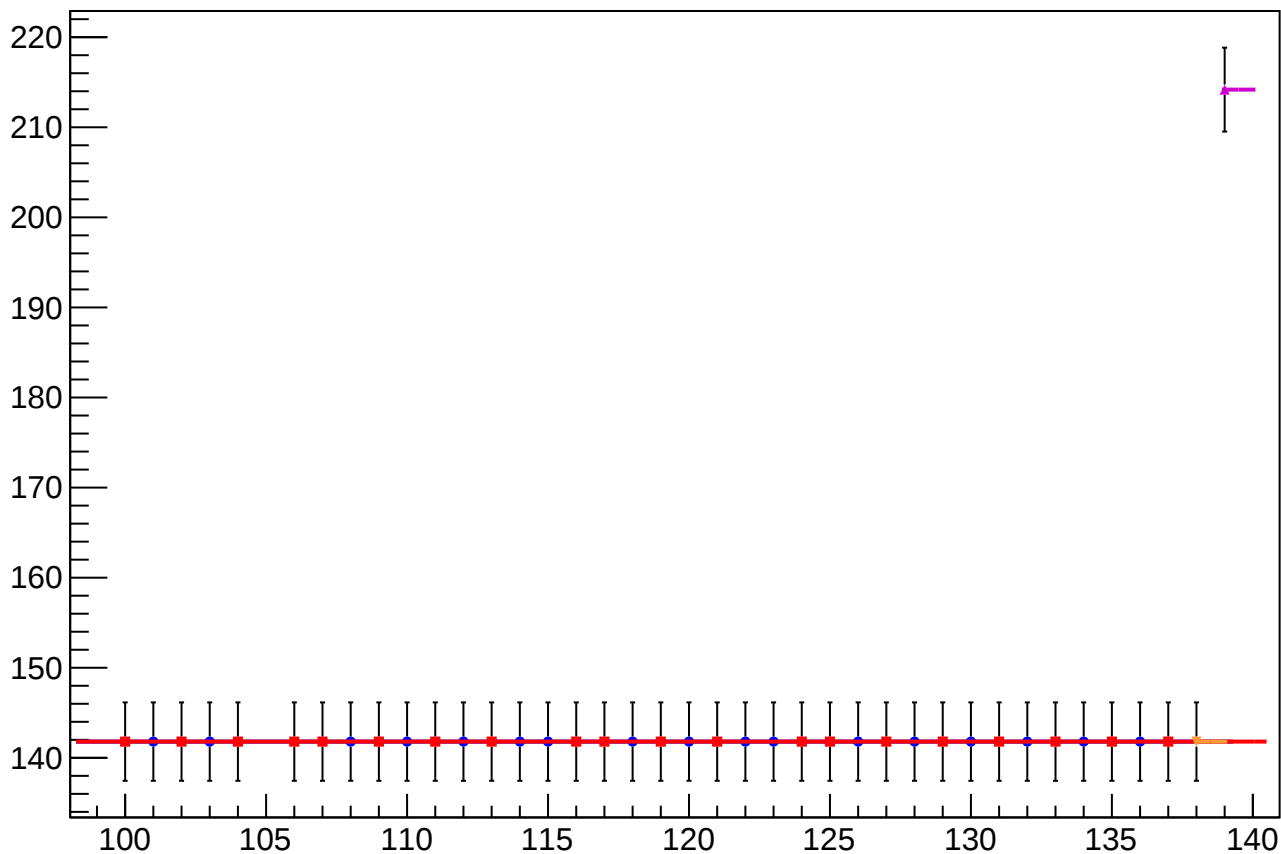
Right Out: -116.327+/-0.083 χ^2/NDF : 167208.7/19

Left In: -152.118+/-0.212 χ^2/NDF : 0.0/0

-130.962+/-0.083 χ^2/NDF : 180890.7/17

-121.094+/-0.077 χ^2/NDF : 192020.5/20

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



Right In: 141.803 $\pm$ 1.055 χ^2 /NDF: 0.0/16

Left Out: 141.803 $\pm$ 4.352 χ^2 /NDF: 0.0/0

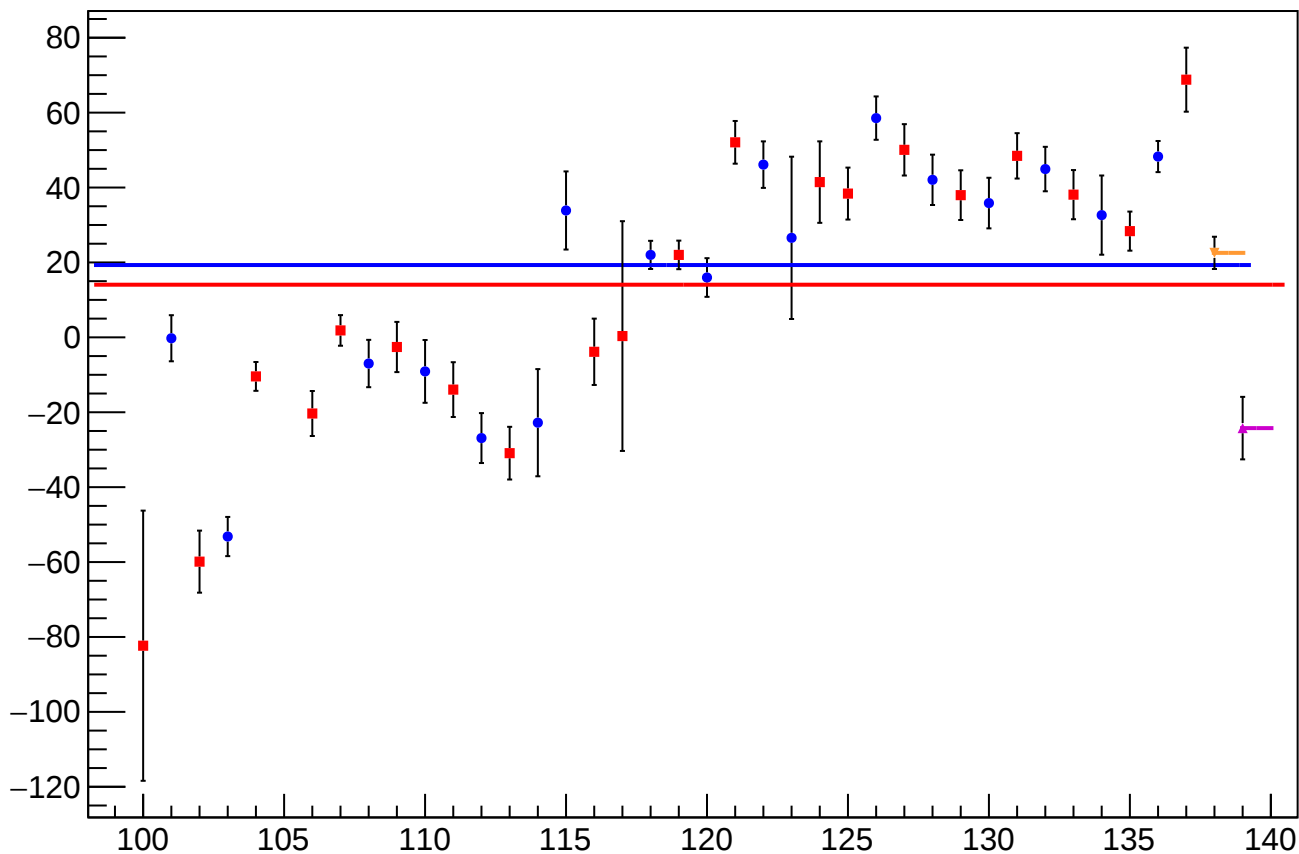
Right Out: 141.803 $\pm$ 0.973 χ^2 /NDF: 0.0/19

Left In: 214.181 $\pm$ 4.657 χ^2 /NDF: 0.0/0

141.803 $\pm$ 1.026 χ^2 /NDF: 0.0/17

144.831 $\pm$ 0.952 χ^2 /NDF: 231.5/20

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 19.308+/-1.500 χ^2/NDF : 441.3/16

Left Out: 22.557+/-4.306 χ^2/NDF : 0.0/0

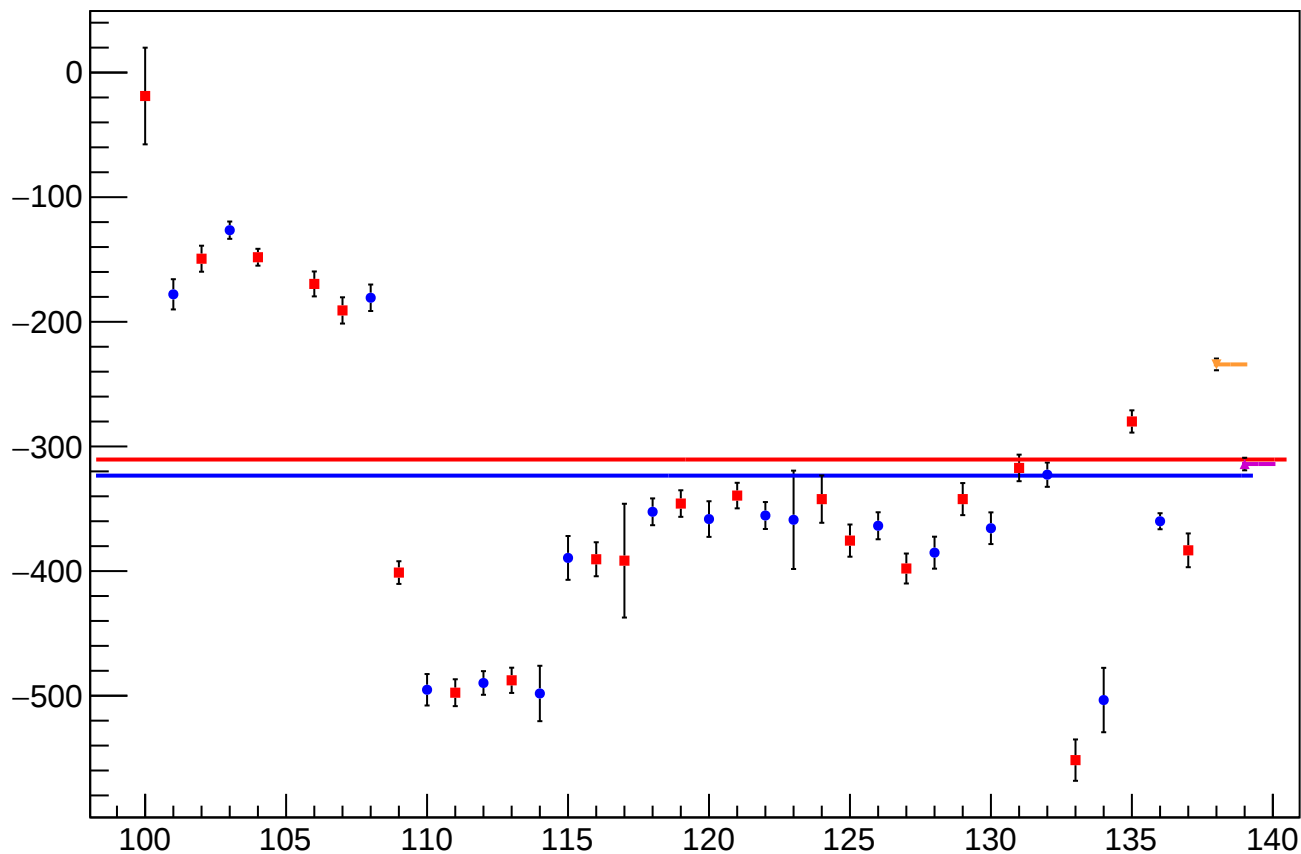
Right Out: 14.055+/-1.388 χ^2/NDF : 437.1/19

Left In: -24.236+/-8.346 χ^2/NDF : 0.0/0

19.660+/-1.417 χ^2/NDF : 441.8/17

13.024+/-1.369 χ^2/NDF : 457.6/20

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.402 ± 2.684 χ^2/NDF : 1849.6/16

Left Out: -234.175 ± 4.717 χ^2/NDF : 0.0/0

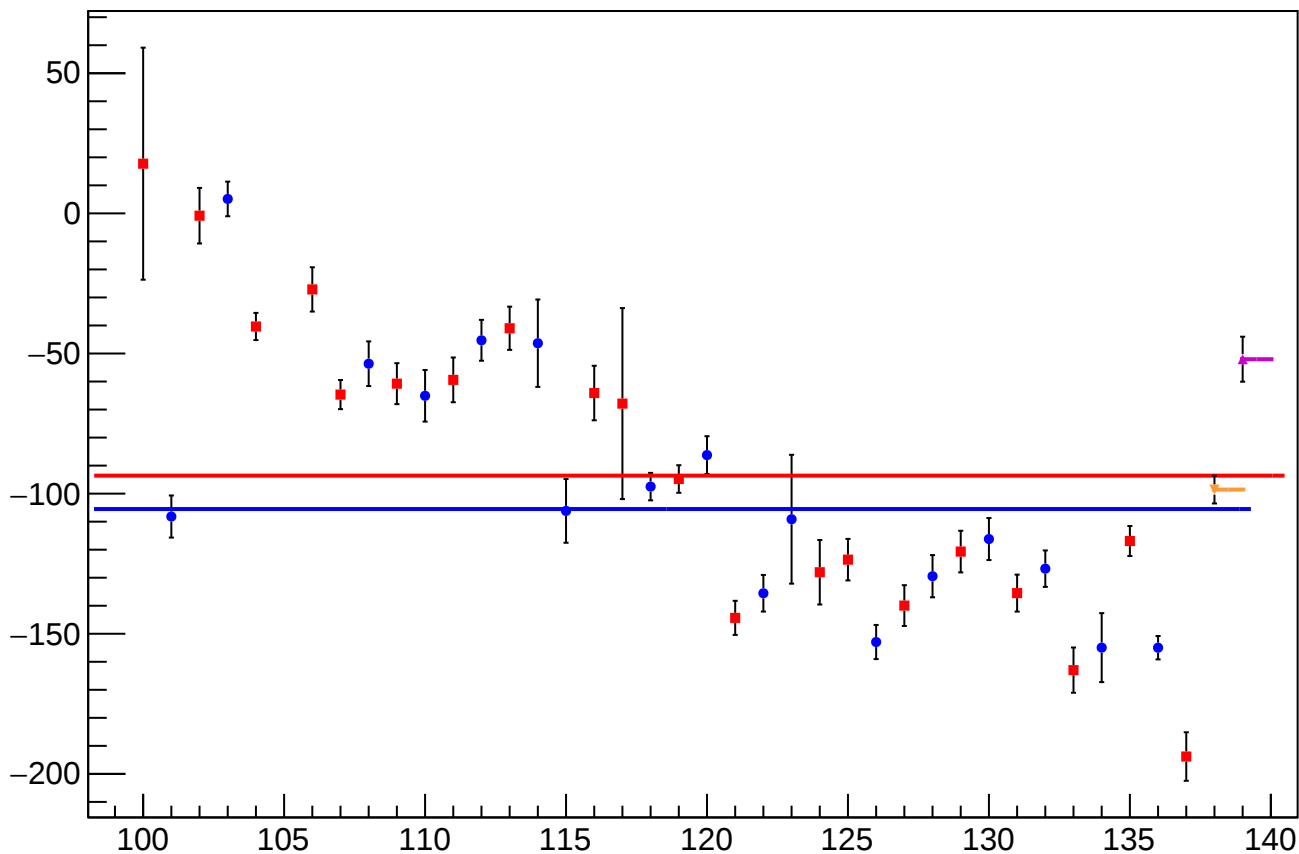
Right Out: -310.484 ± 2.520 χ^2/NDF : 2302.0/19

Left In: -314.105 ± 5.045 χ^2/NDF : 0.0/0

-301.582 ± 2.333 χ^2/NDF : 2119.9/17

-311.207 ± 2.254 χ^2/NDF : 2302.4/20

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.496 ± 1.712 χ^2/NDF : 737.3/16

Left Out: -98.557 ± 4.951 χ^2/NDF : 0.0/0

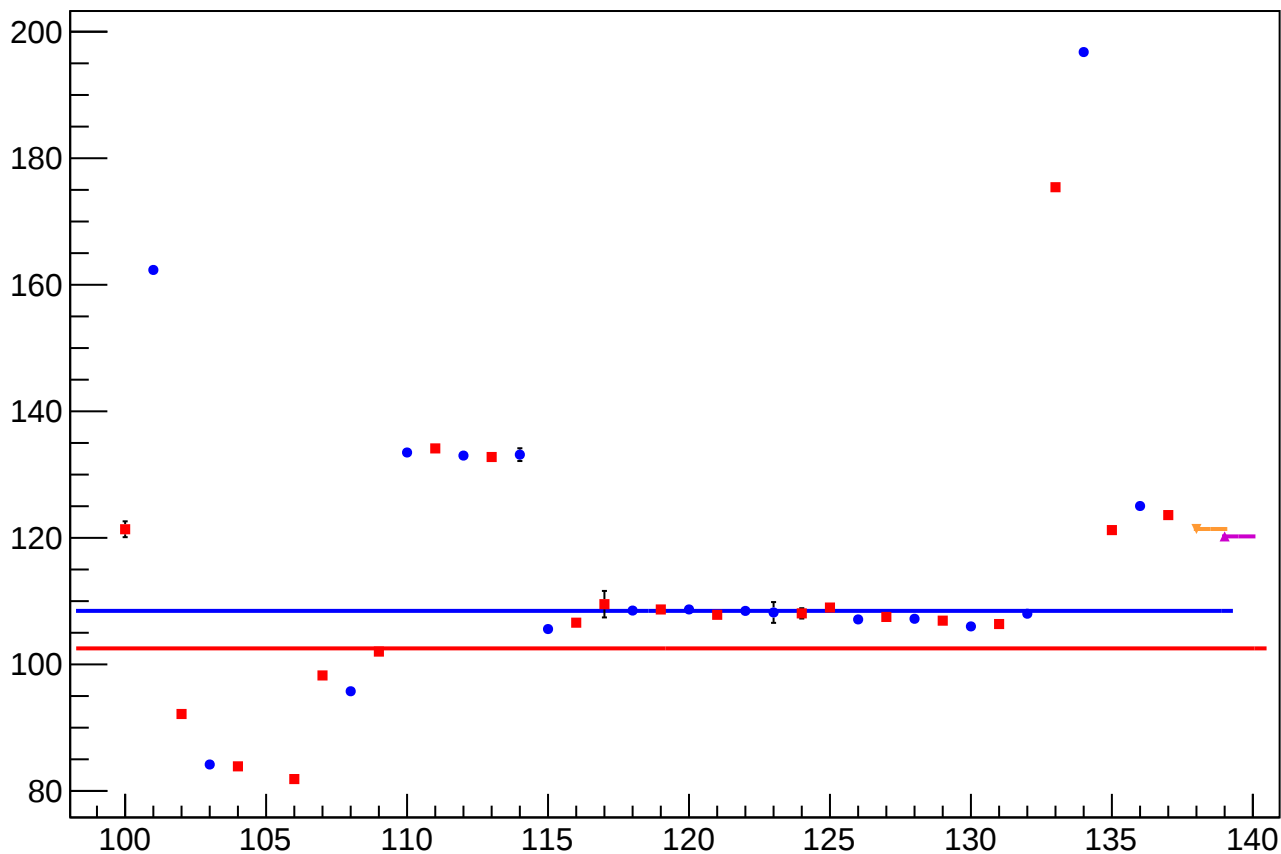
Right Out: -93.579 ± 1.608 χ^2/NDF : 827.7/19

Left In: -52.032 ± 8.031 χ^2/NDF : 0.0/0

-104.755 ± 1.618 χ^2/NDF : 739.1/17

-91.977 ± 1.577 χ^2/NDF : 853.4/20

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.460+/-0.085 χ^2/NDF : 73301.9/16

Left Out: 121.402+/-0.187 χ^2/NDF : 0.0/0

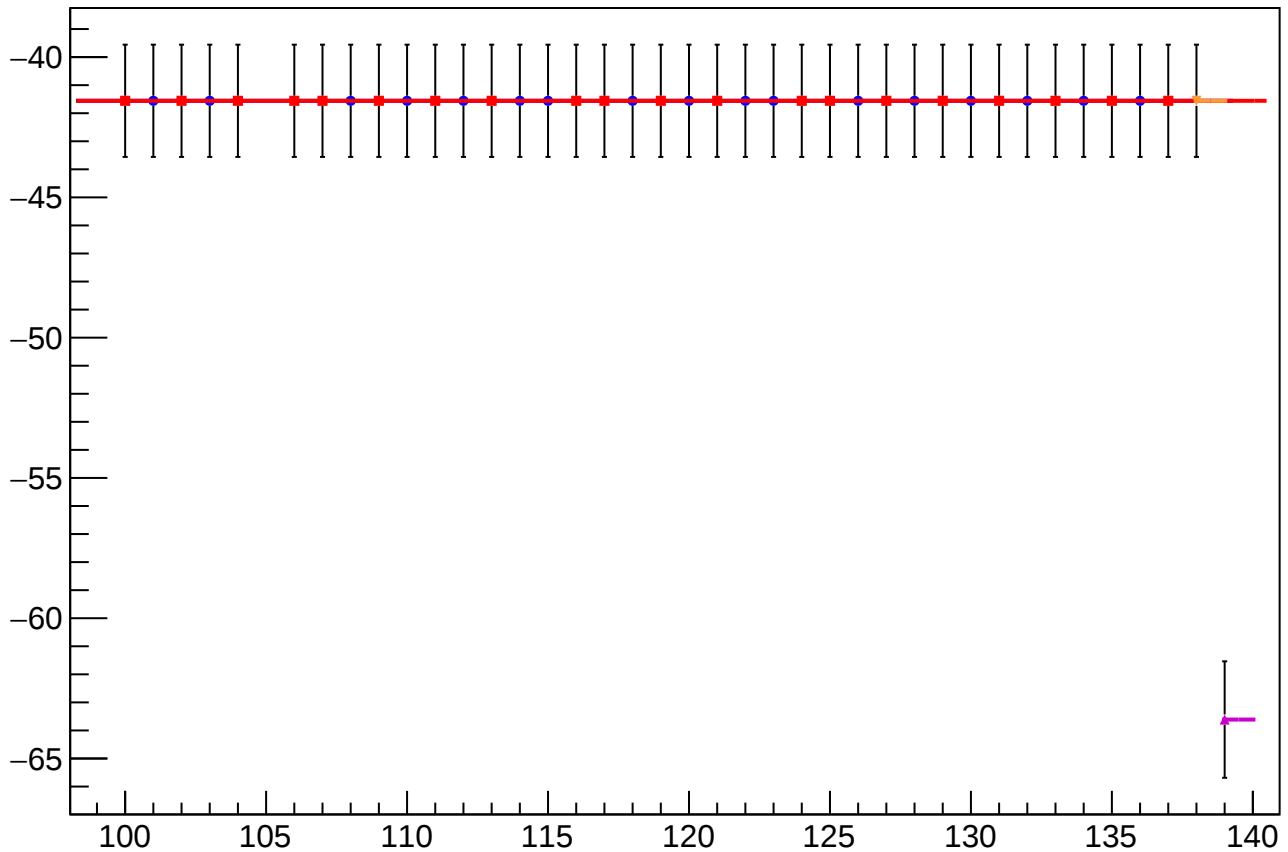
Right Out: 102.532+/-0.079 χ^2/NDF : 53003.2/19

Left In: 120.230+/-0.177 χ^2/NDF : 0.0/0

110.669+/-0.077 χ^2/NDF : 77259.0/17

105.489+/-0.073 χ^2/NDF : 61286.4/20

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



Right In: -41.558 ± 0.485 χ^2/NDF : 0.0/16

Left Out: -41.558 ± 2.001 χ^2/NDF : 0.0/0

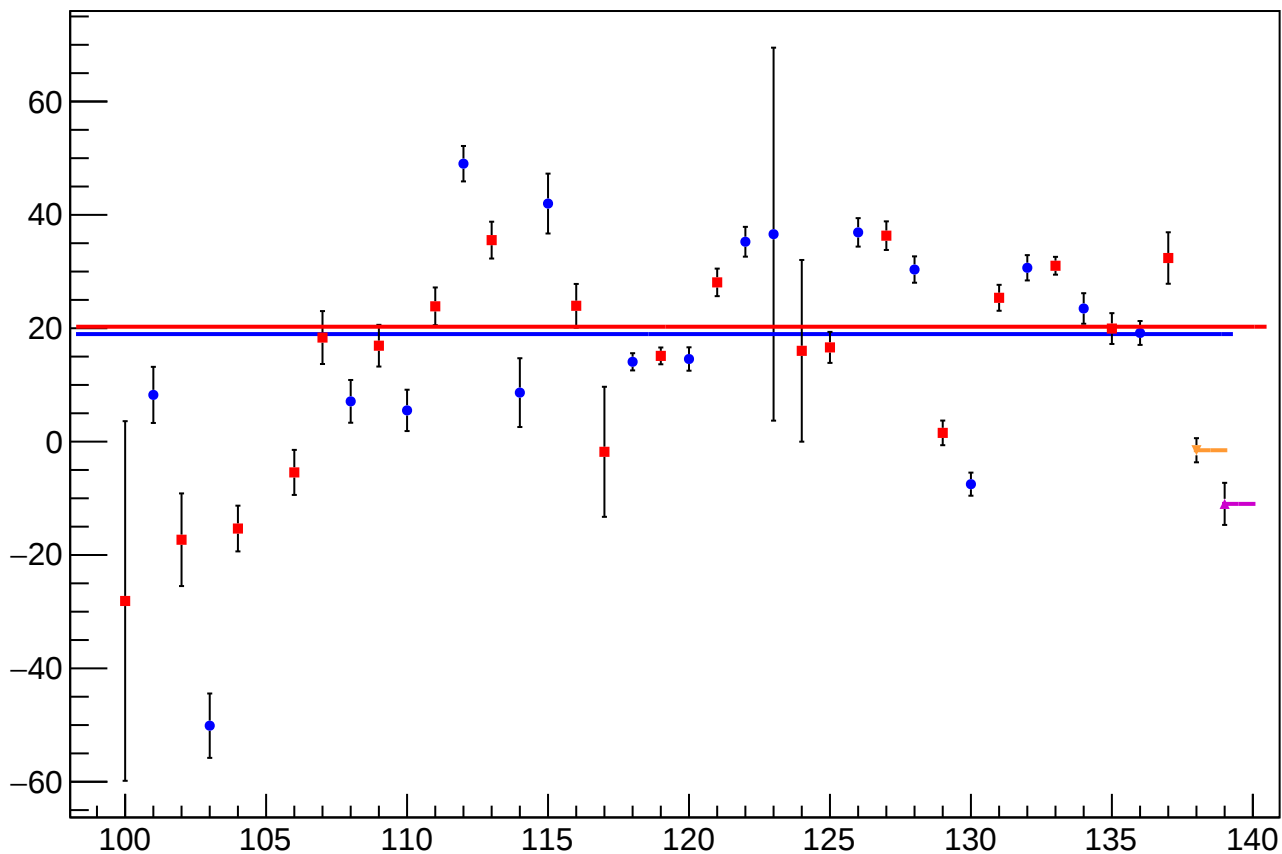
Right Out: -41.558 ± 0.447 χ^2/NDF : 0.0/19

Left In: -63.612 ± 2.076 χ^2/NDF : 0.0/0

-41.558 ± 0.472 χ^2/NDF : 0.0/17

-42.537 ± 0.437 χ^2/NDF : 107.9/20

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.970 ± 0.653 $\chi^2/\text{NDF}: 618.4/16$

Left Out: -1.521 ± 2.130 $\chi^2/\text{NDF}: 0.0/0$

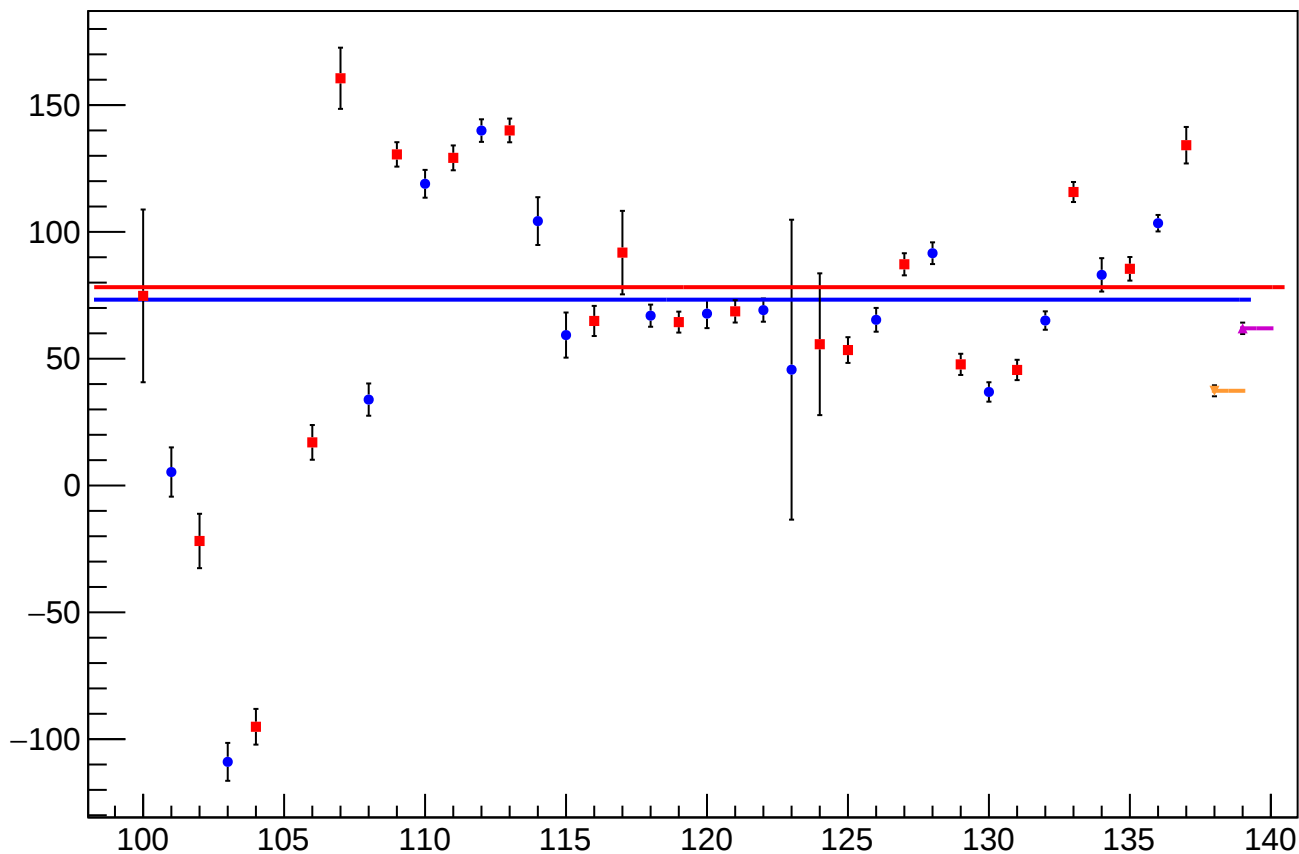
Right Out: 20.269 ± 0.641 $\chi^2/\text{NDF}: 370.1/19$

Left In: -10.983 ± 3.712 $\chi^2/\text{NDF}: 0.0/0$

17.210 ± 0.624 $\chi^2/\text{NDF}: 703.0/17$

19.363 ± 0.632 $\chi^2/\text{NDF}: 438.9/20$

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.278 ± 1.236 $\chi^2/\text{NDF}: 1198.6/16$

Left Out: 37.350 ± 2.170 $\chi^2/\text{NDF}: 0.0/0$

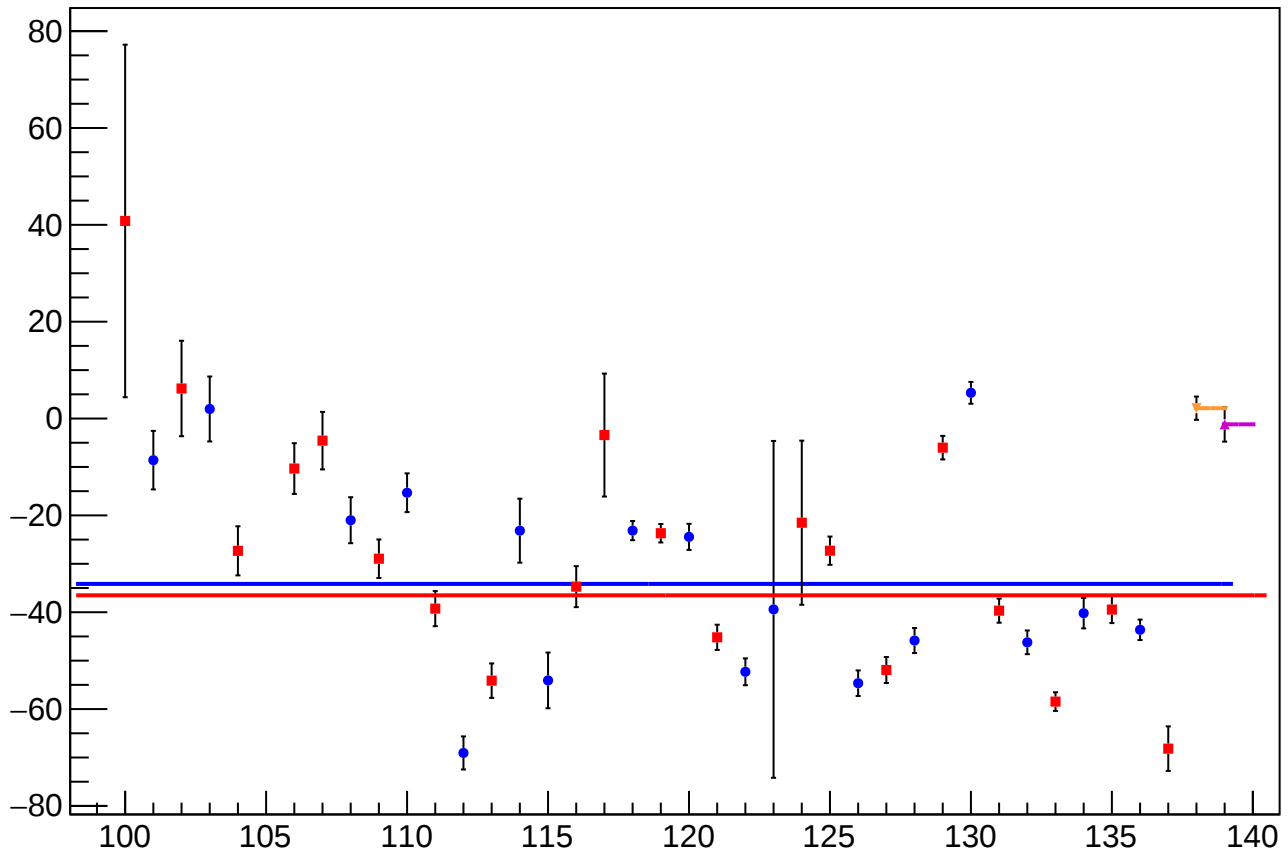
Right Out: 78.205 ± 1.219 $\chi^2/\text{NDF}: 1544.0/19$

Left In: 61.979 ± 2.250 $\chi^2/\text{NDF}: 0.0/0$

64.474 ± 1.074 $\chi^2/\text{NDF}: 1405.5/17$

74.522 ± 1.072 $\chi^2/\text{NDF}: 1584.2/20$

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -34.153 ± 0.745 χ^2/NDF : 717.5/16

Left Out: 2.136 ± 2.401 χ^2/NDF : 0.0/0

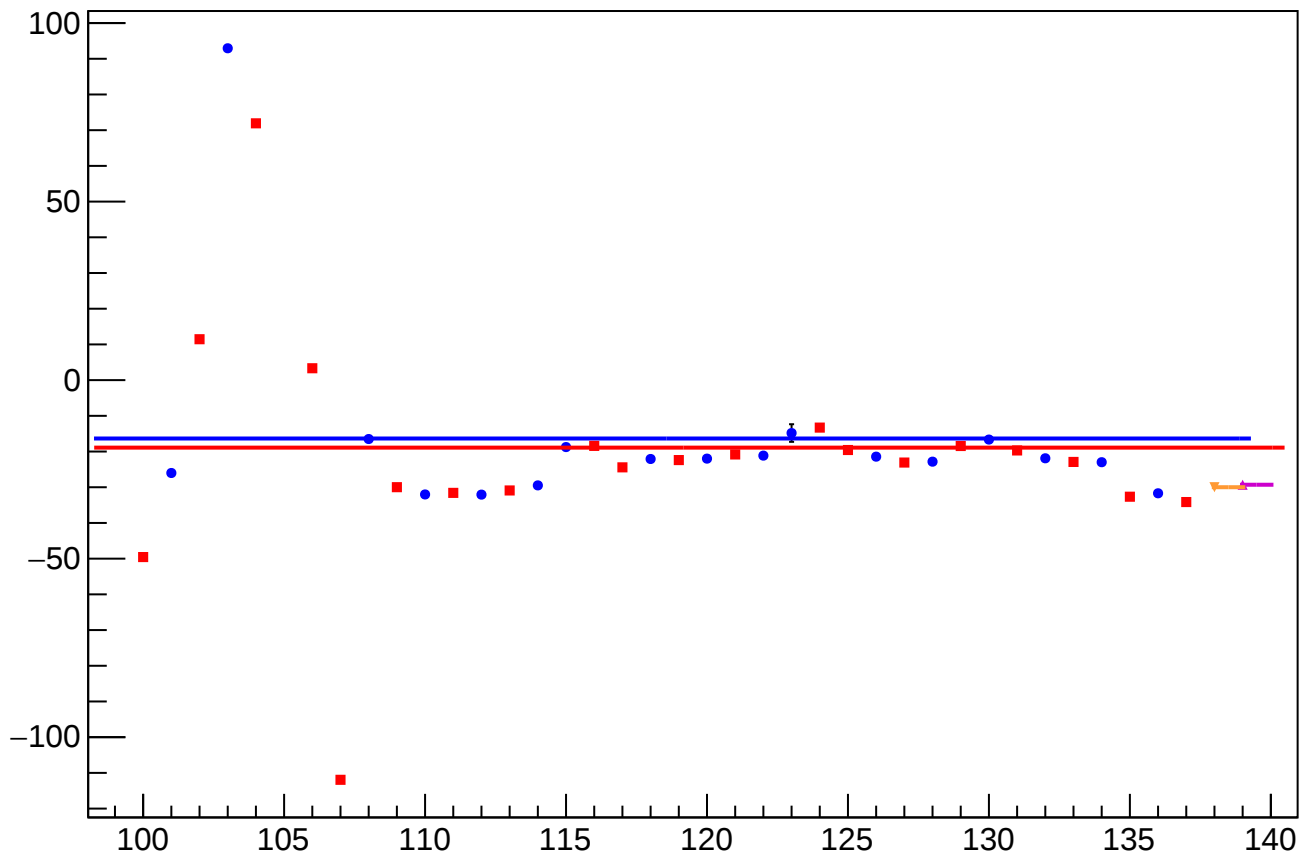
Right Out: -36.507 ± 0.735 χ^2/NDF : 553.8/19

Left In: -1.196 ± 3.571 χ^2/NDF : 0.0/0

-30.968 ± 0.711 χ^2/NDF : 925.8/17

-35.073 ± 0.719 χ^2/NDF : 647.6/20

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.349±0.045 χ^2/NDF : 474192.3/16

Left Out: -29.993±0.084 χ^2/NDF : 0.0/0

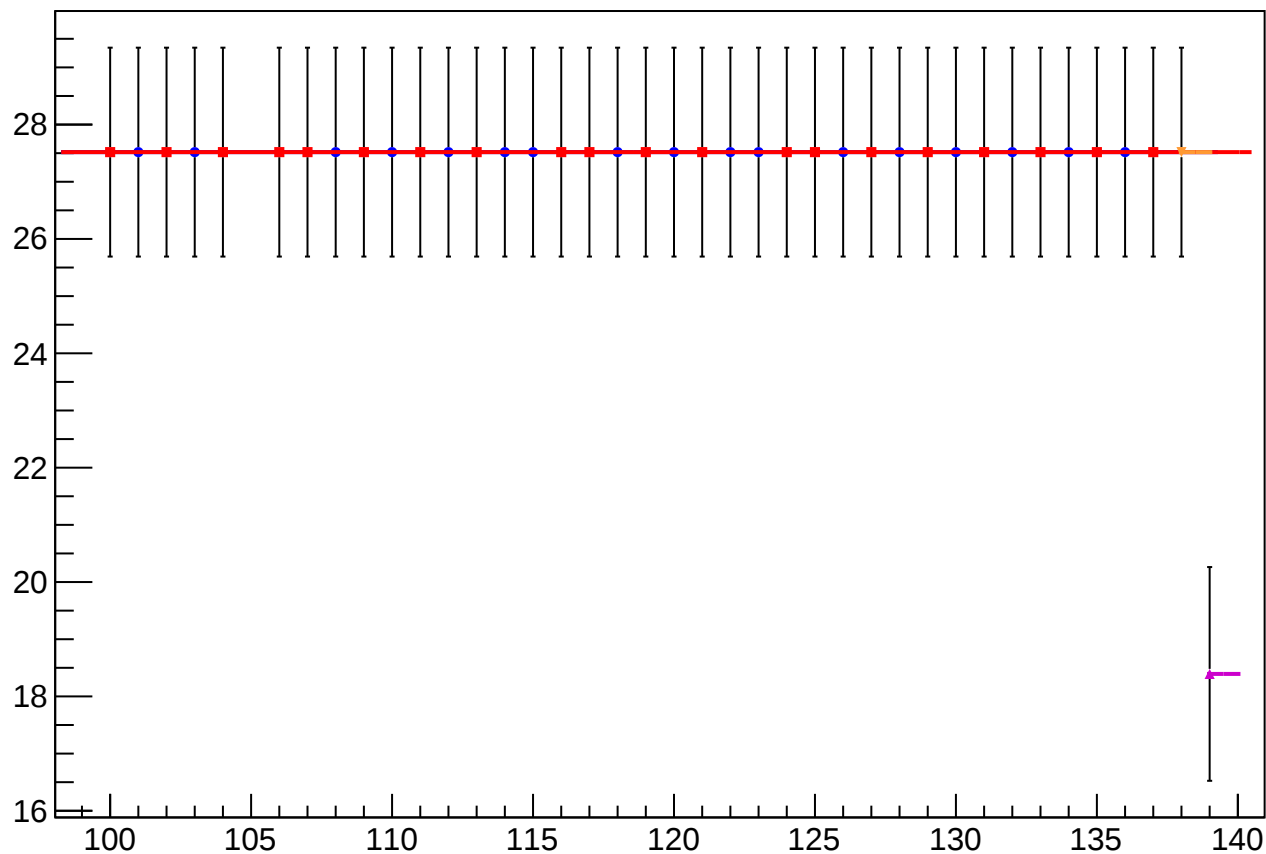
Right Out: -18.906±0.045 χ^2/NDF : 433847.1/19

Left In: -29.300±0.079 χ^2/NDF : 0.0/0

-19.329±0.039 χ^2/NDF : 494594.9/17

-21.479±0.039 χ^2/NDF : 446926.1/20

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: 27.518 $\pm$ 0.443 χ^2 /NDF: 0.0/16

Left Out: 27.518 $\pm$ 1.827 χ^2 /NDF: 0.0/0

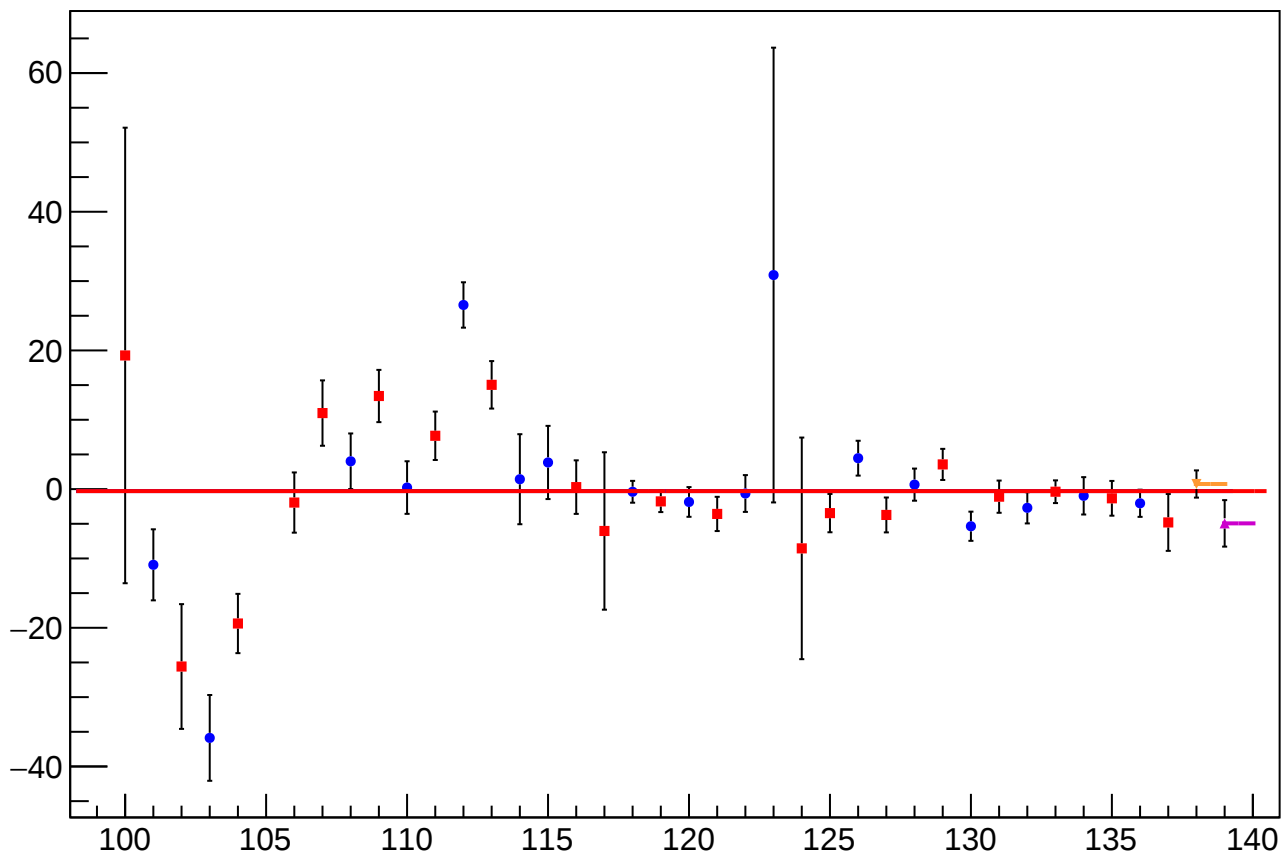
Right Out: 27.518 $\pm$ 0.408 χ^2 /NDF: 0.0/19

Left In: 18.393 $\pm$ 1.869 χ^2 /NDF: 0.0/0

27.518 $\pm$ 0.431 χ^2 /NDF: 0.0/17

27.102 $\pm$ 0.399 χ^2 /NDF: 22.8/20

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -0.280 ± 0.662 χ^2/NDF : 119.5/16

Left Out: 0.736 ± 1.964 χ^2/NDF : 0.0/0

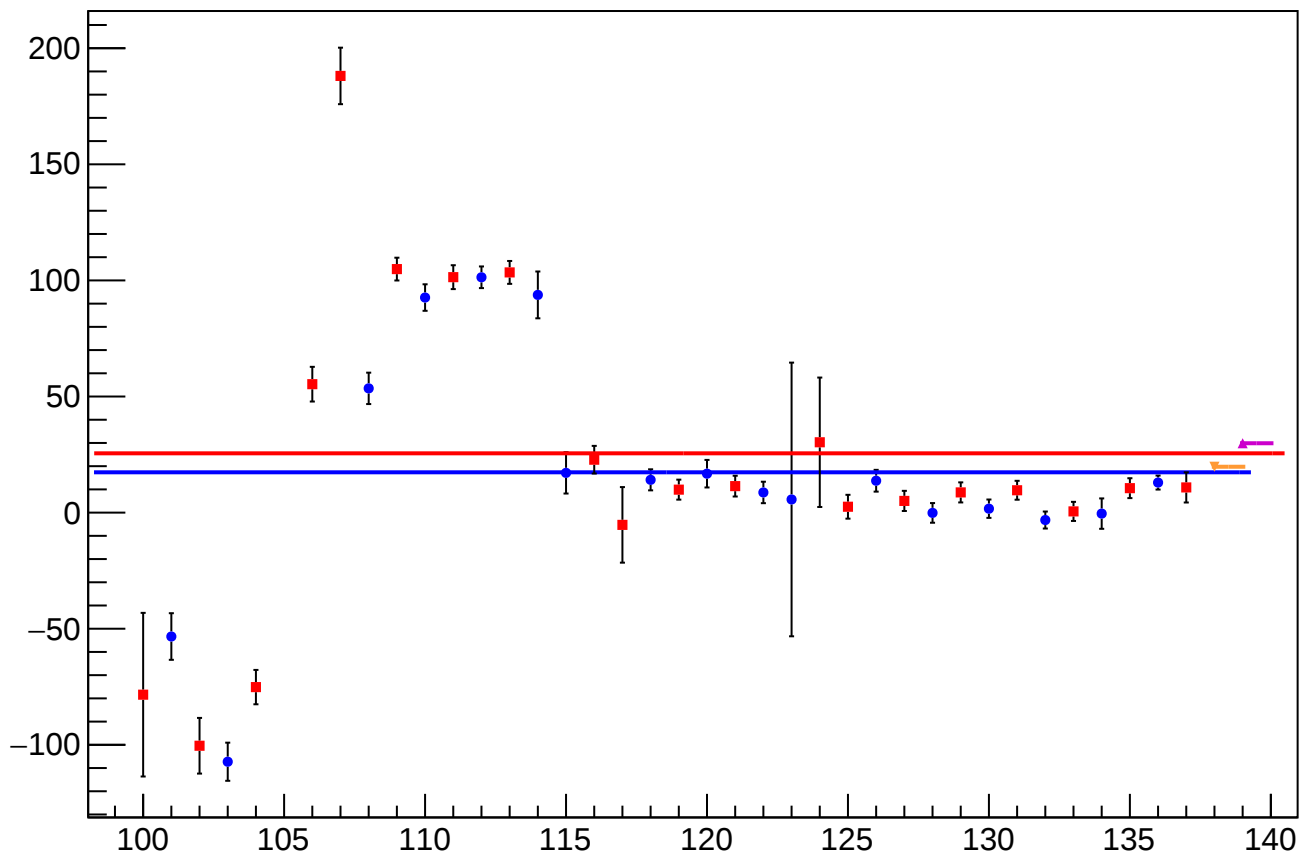
Right Out: -0.289 ± 0.655 χ^2/NDF : 83.4/19

Left In: -4.941 ± 3.352 χ^2/NDF : 0.0/0

-0.177 ± 0.628 χ^2/NDF : 119.8/17

-0.460 ± 0.643 χ^2/NDF : 85.3/20

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.361+/-1.247 χ^2/NDF : 943.0/16

Left Out: 19.756+/-1.981 χ^2/NDF : 0.0/0

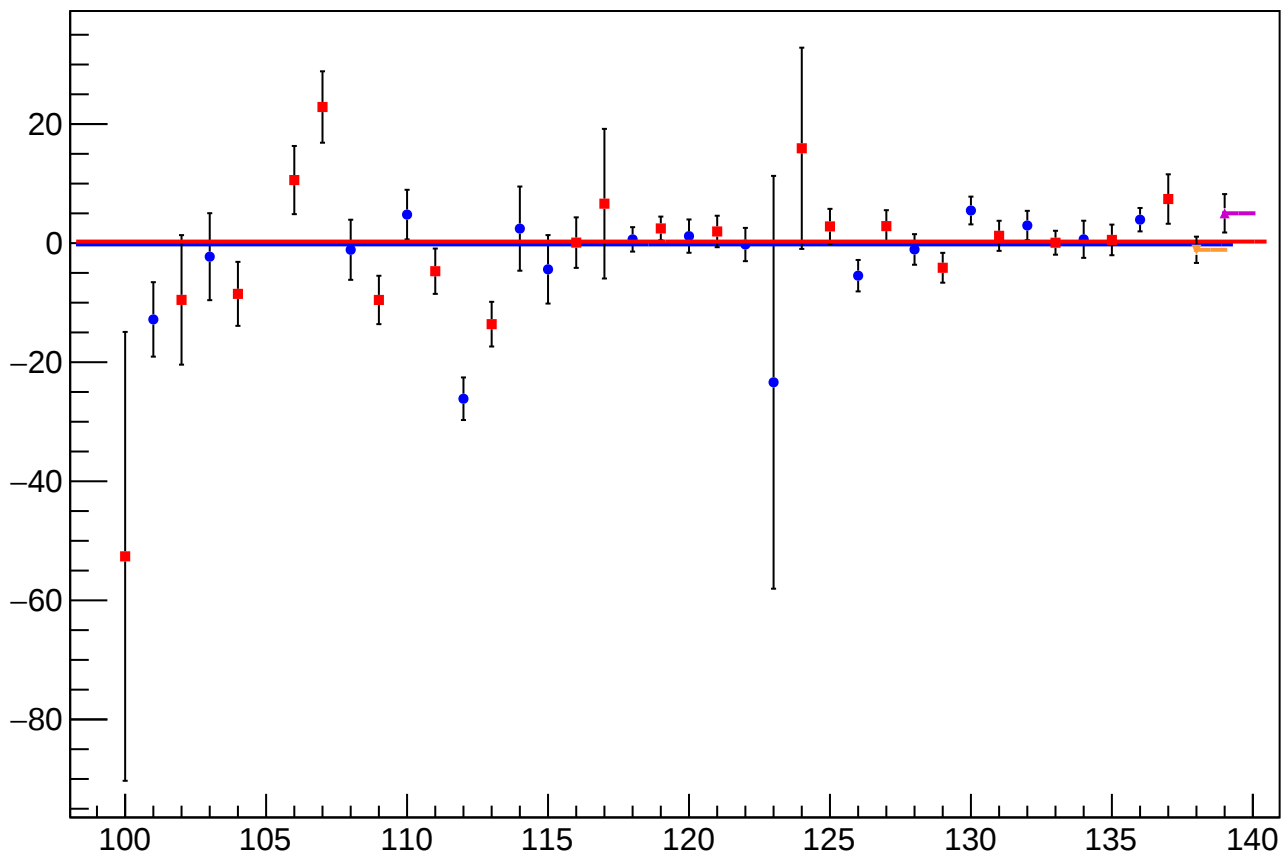
Right Out: 25.537+/-1.239 χ^2/NDF : 1382.4/19

Left In: 29.875+/-2.025 χ^2/NDF : 0.0/0

18.040+/-1.055 χ^2/NDF : 944.1/17

26.720+/-1.057 χ^2/NDF : 1385.8/20

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.211 ± 0.752 χ^2/NDF : 75.9/16

Left Out: -1.119 ± 2.207 χ^2/NDF : 0.0/0

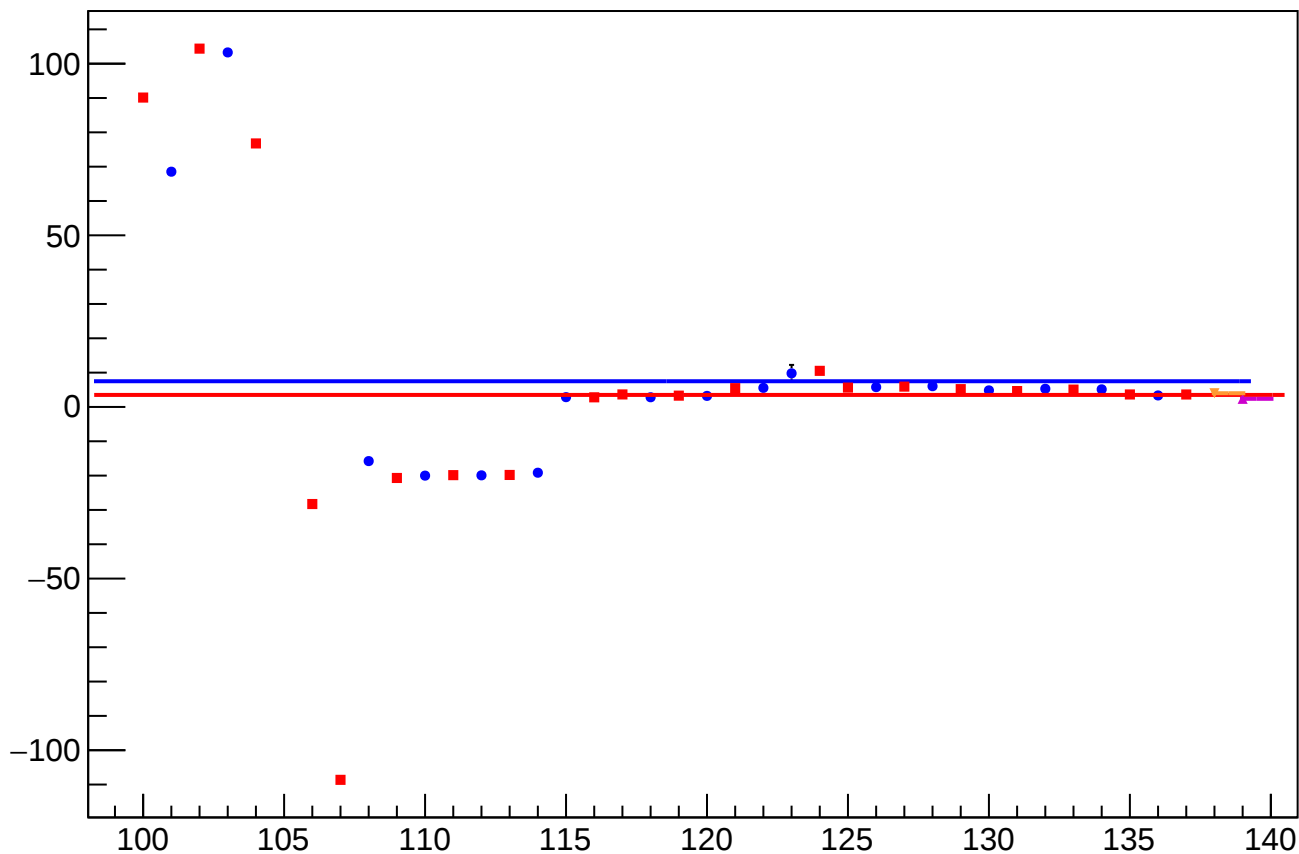
Right Out: 0.262 ± 0.747 χ^2/NDF : 54.8/19

Left In: 5.012 ± 3.226 χ^2/NDF : 0.0/0

-0.305 ± 0.712 χ^2/NDF : 76.0/17

0.504 ± 0.728 χ^2/NDF : 56.8/20

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.492+/-0.045 χ^2/NDF : 355979.0/16

Left Out: 3.993+/-0.077 χ^2/NDF : 0.0/0

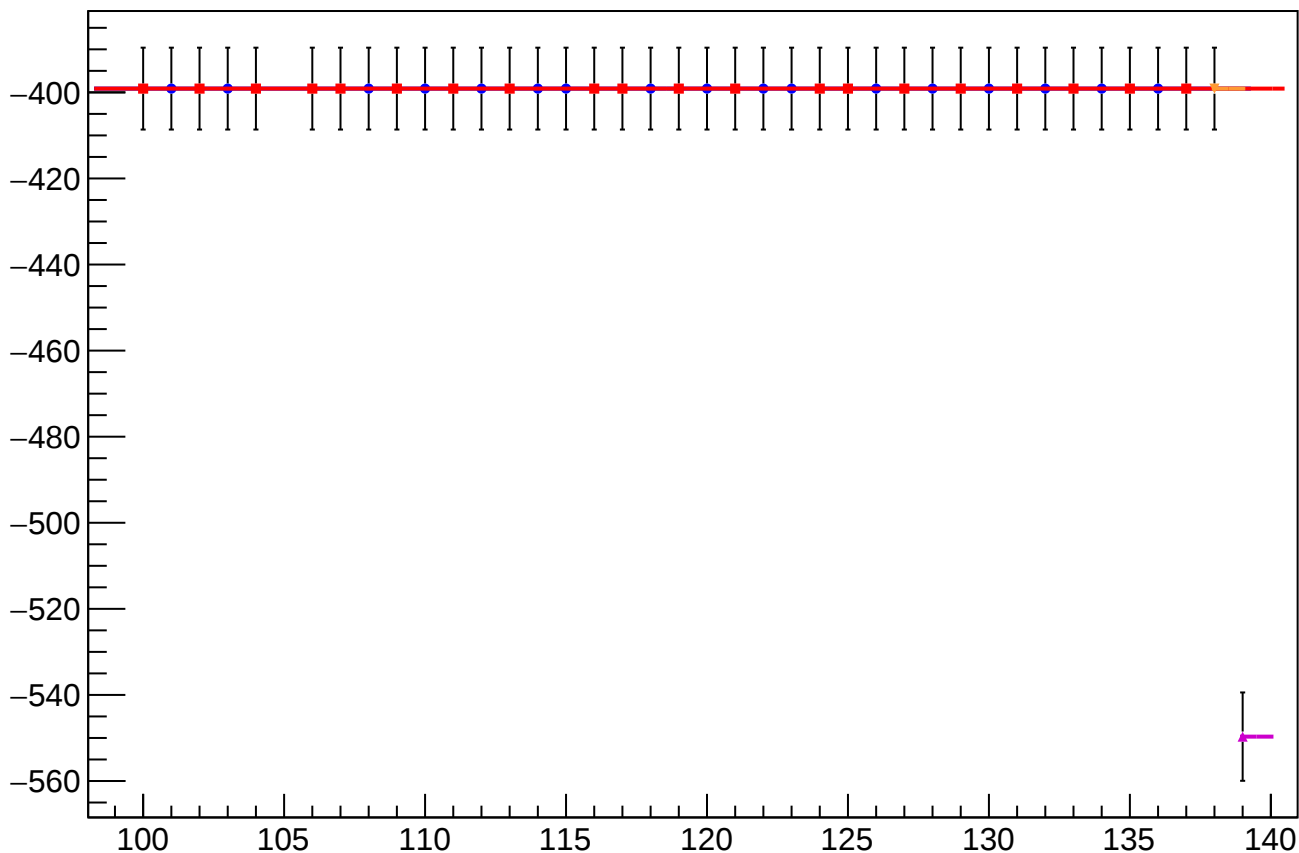
Right Out: 3.504+/-0.046 χ^2/NDF : 510579.5/19

Left In: 2.370+/-0.071 χ^2/NDF : 0.0/0

6.611+/-0.039 χ^2/NDF : 357525.6/17

3.175+/-0.038 χ^2/NDF : 510759.1/20

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



Right In: -399.124+/-2.307 χ^2/NDF : 0.0/16

Left Out: -399.124+/-9.512 χ^2/NDF : 0.0/0

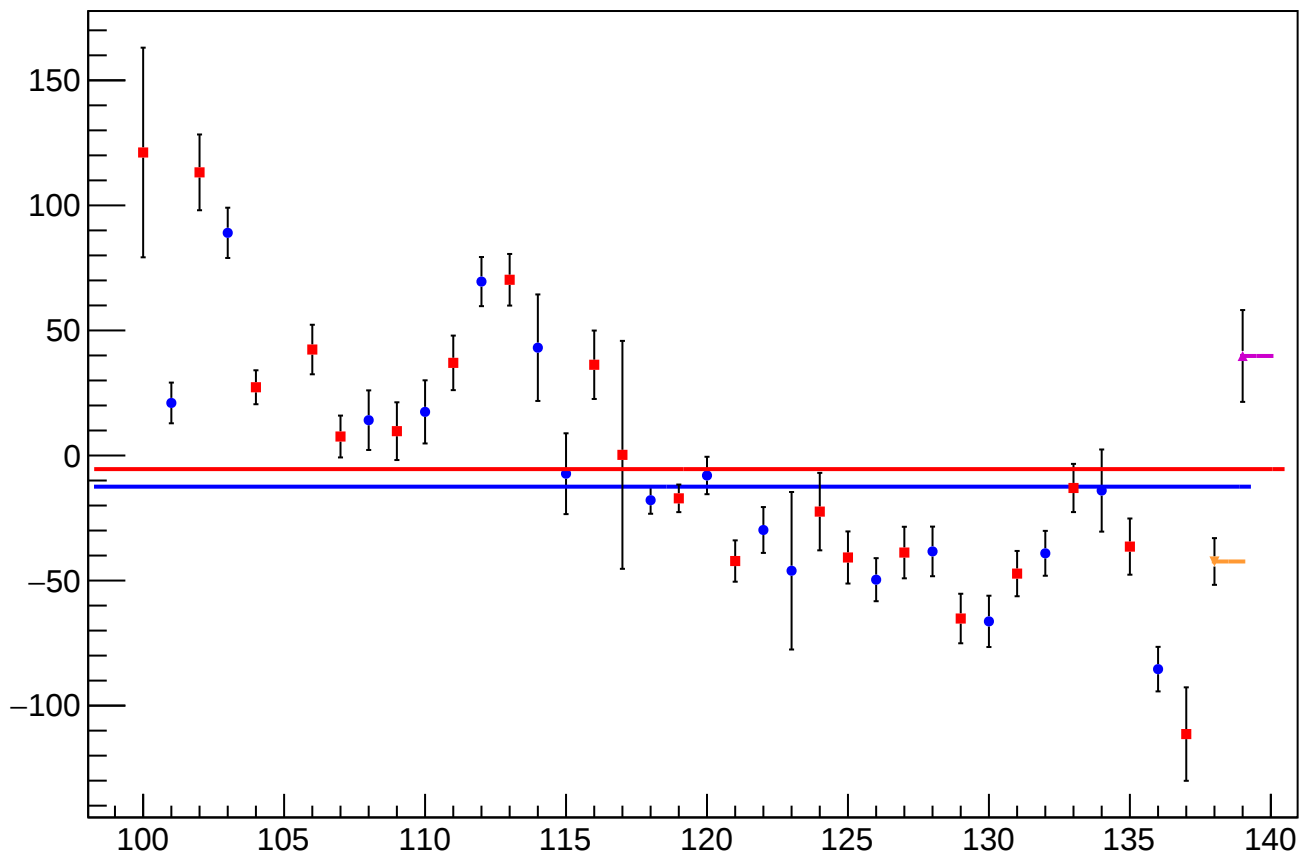
Right Out: -399.124+/-2.127 χ^2/NDF : 0.0/19

Left In: -549.690+/-10.263 χ^2/NDF : 0.0/0

-399.124+/-2.242 χ^2/NDF : 0.0/17

-405.324+/-2.083 χ^2/NDF : 206.4/20

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -12.458 $\pm$ 2.349 χ^2/NDF : 341.1/16

Left Out: -42.372 $\pm$ 9.340 χ^2/NDF : 0.0/0

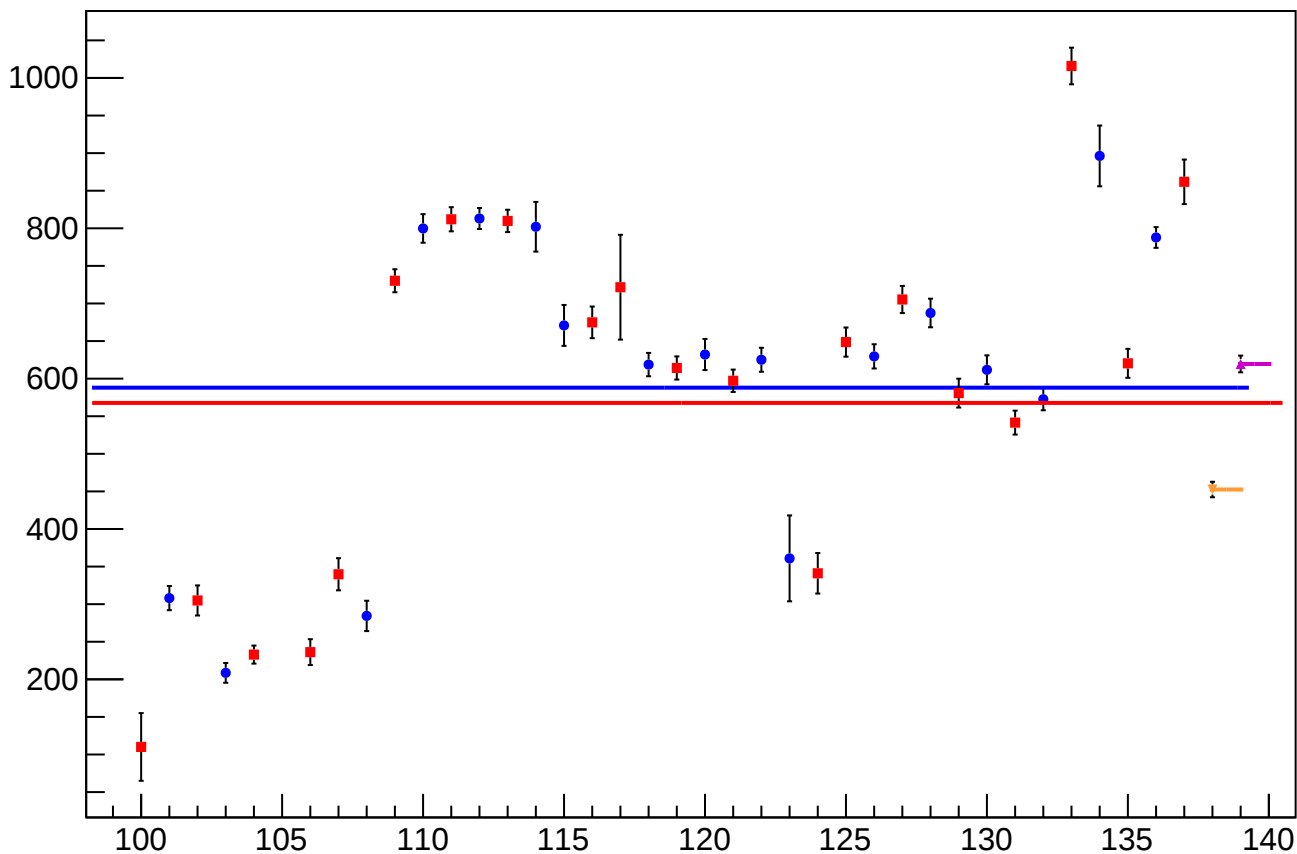
Right Out: -5.439 $\pm$ 2.256 χ^2/NDF : 345.0/19

Left In: 39.798 $\pm$ 18.358 χ^2/NDF : 0.0/0

-14.237 $\pm$ 2.278 χ^2/NDF : 350.7/17

-4.766 $\pm$ 2.239 χ^2/NDF : 351.0/20

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 587.994 $\pm$ 4.353 χ^2 /NDF: 2129.6/16

Left Out: 452.526 $\pm$ 10.310 χ^2 /NDF:0.0/0

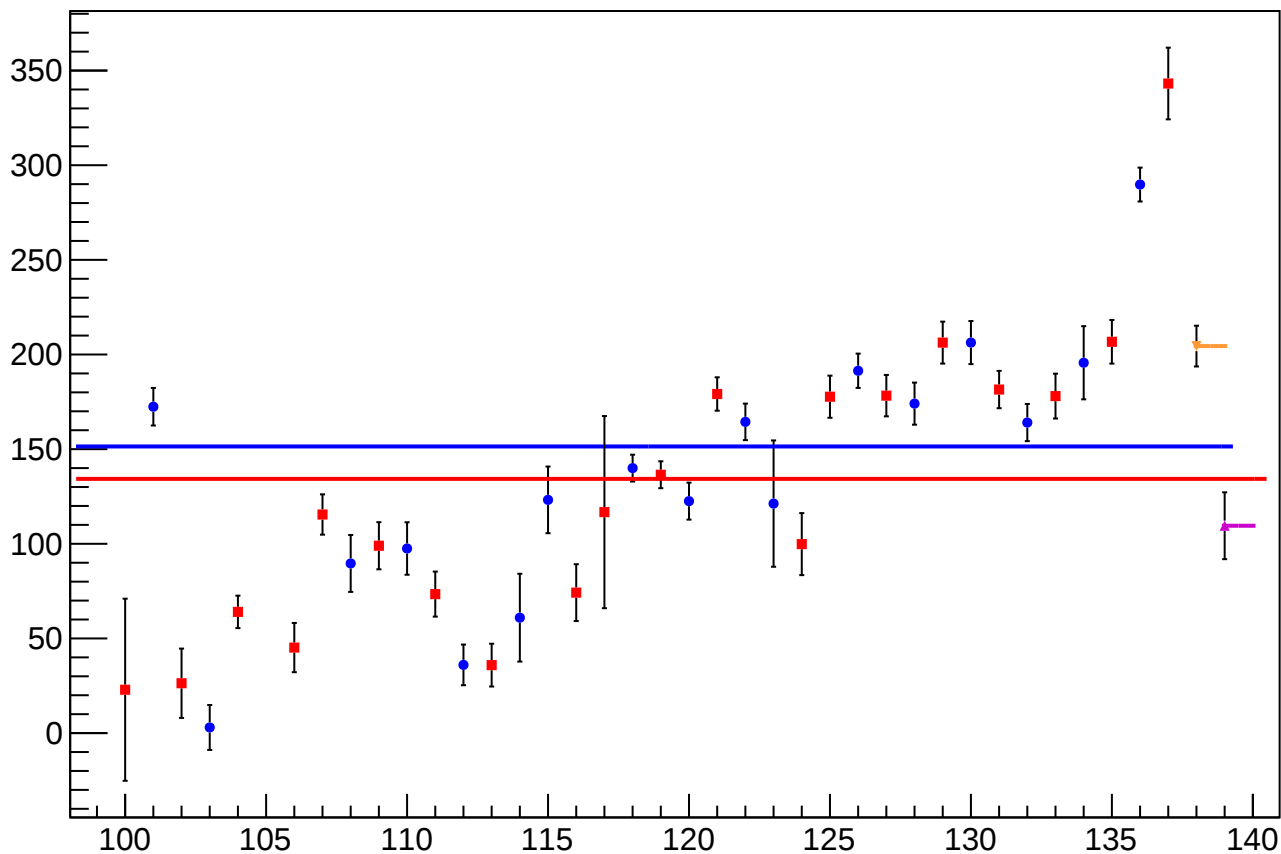
Right Out: 567.720 $\pm$ 4.129 χ^2 /NDF: 2788.1/19

Left In: 619.505 $\pm$ 11.124 χ^2 /NDF:0.0/0

567.502 $\pm$ 4.010 χ^2 /NDF: 2276.1/17

573.991 $\pm$ 3.871 χ^2 /NDF: 2807.1/20

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 151.421 ± 2.709 χ^2/NDF : 633.3/16

Left Out: 204.447 ± 10.767 χ^2/NDF : 0.0/0

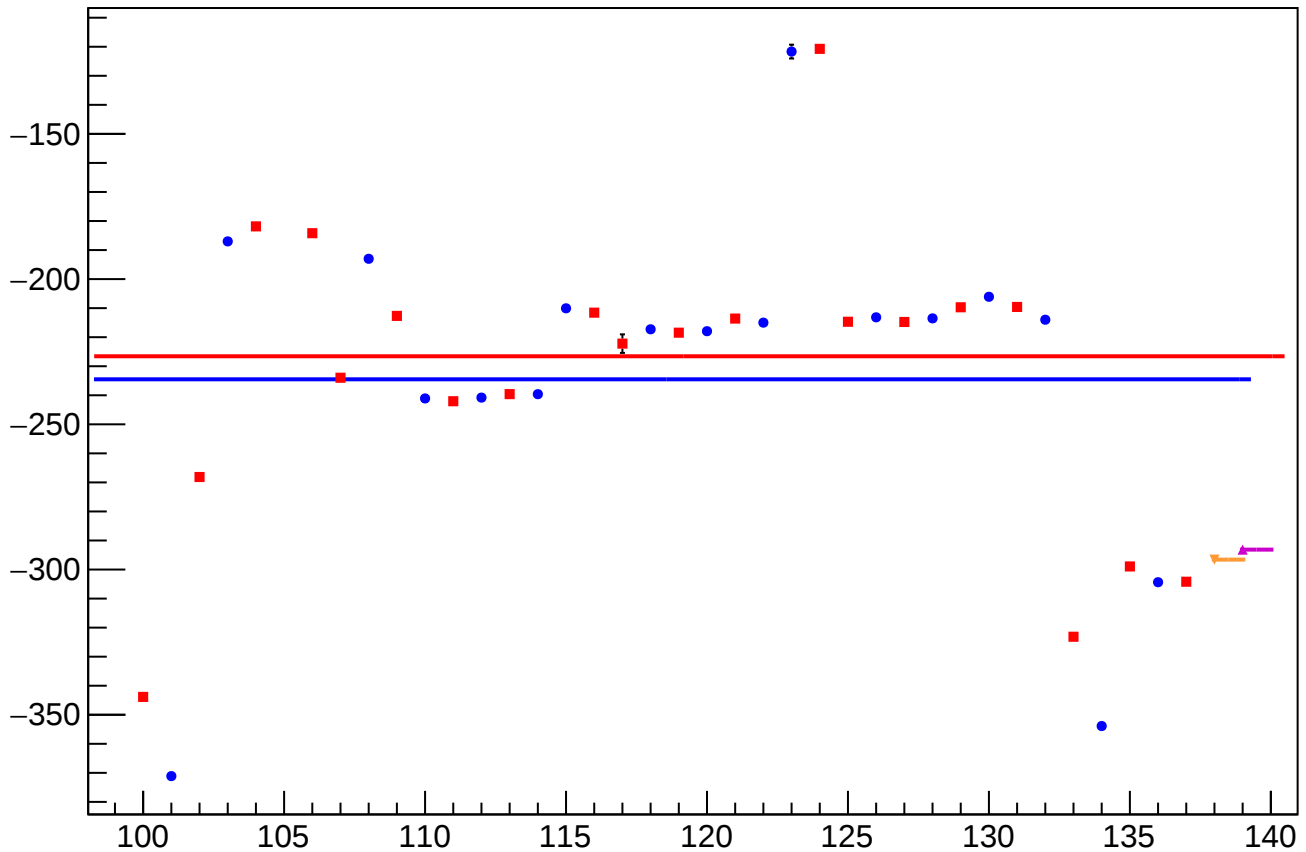
Right Out: 134.299 ± 2.612 χ^2/NDF : 585.0/19

Left In: 109.543 ± 17.662 χ^2/NDF : 0.0/0

154.578 ± 2.627 χ^2/NDF : 656.1/17

133.769 ± 2.584 χ^2/NDF : 586.9/20

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.501+/-0.149 χ^2/NDF : 145046.5/16

Left Out: -296.585+/-0.410 χ^2/NDF : 0.0/0

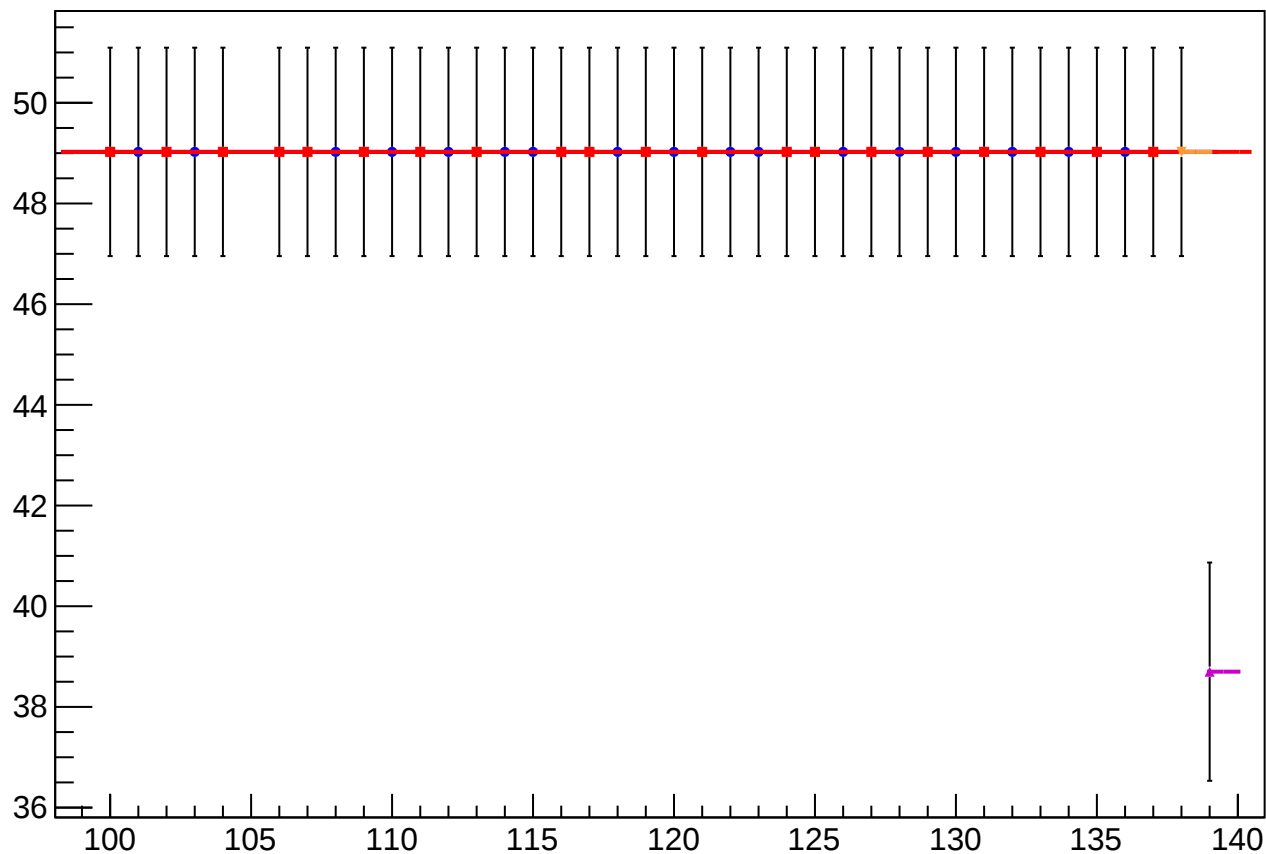
Right Out: -226.572+/-0.141 χ^2/NDF : 98970.7/19

Left In: -293.141+/-0.390 χ^2/NDF : 0.0/0

-241.733+/-0.140 χ^2/NDF : 165263.0/17

-234.287+/-0.133 χ^2/NDF : 124704.4/20

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



Right In: 49.025 $\pm$ 0.502 χ^2 /NDF: 0.0/16

Left Out: 49.025 $\pm$ 2.070 χ^2 /NDF:0.0/0

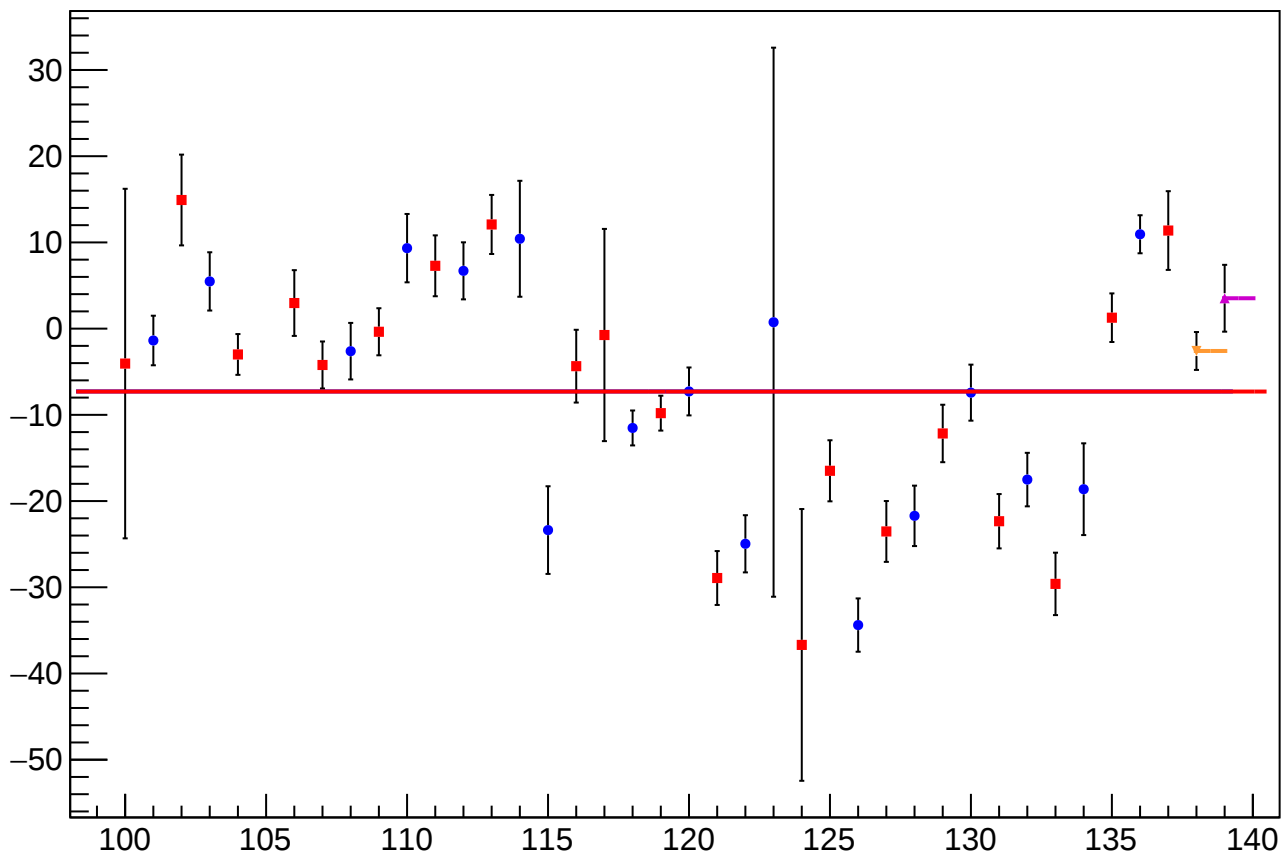
Right Out: 49.025 $\pm$ 0.463 χ^2 /NDF: 0.0/19

Left In: 38.700 $\pm$ 2.168 χ^2 /NDF:0.0/0

49.025 $\pm$ 0.488 χ^2 /NDF: 0.0/17

48.575 $\pm$ 0.453 χ^2 /NDF: 21.7/20

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -7.284+/-0.789 χ^2/NDF : 283.2/16

Left Out: -2.591+/-2.198 χ^2/NDF : 0.0/0

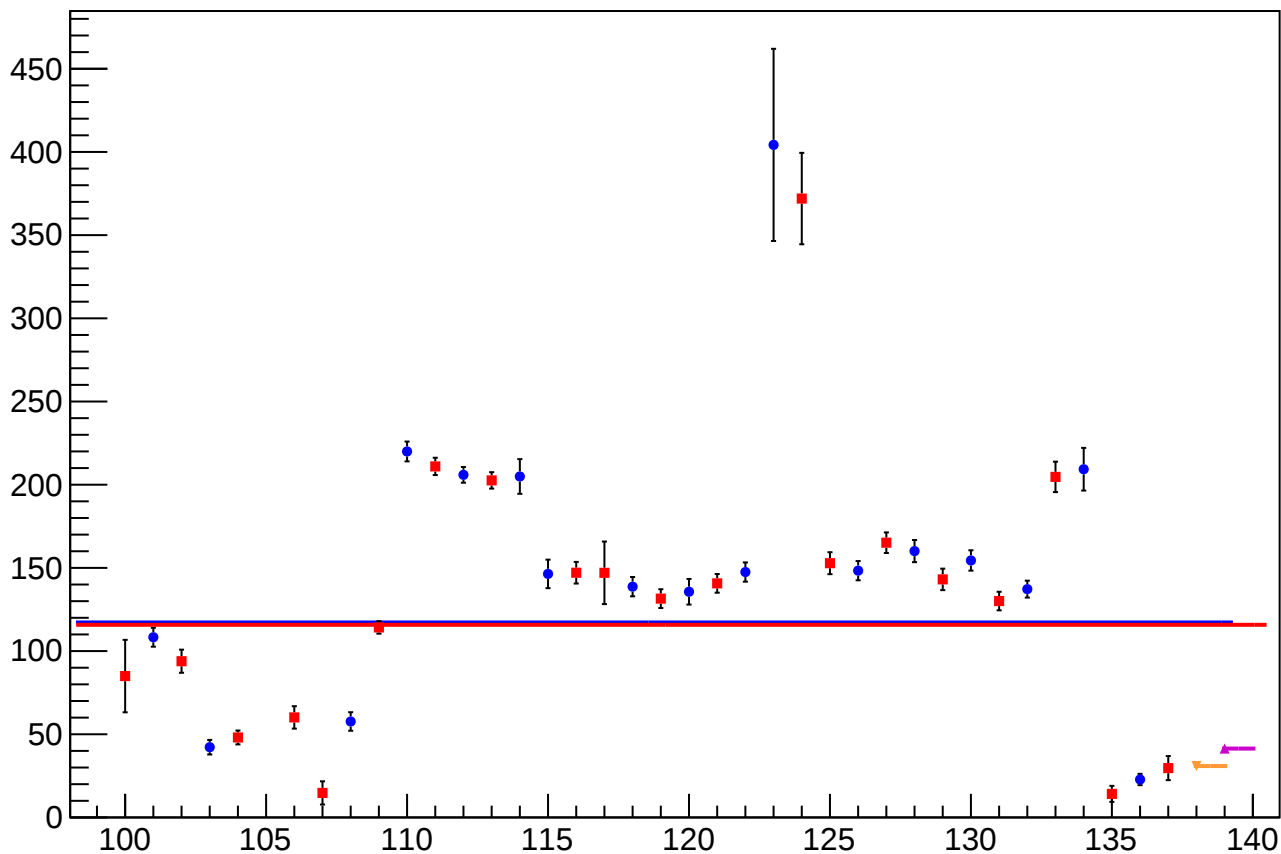
Right Out: -7.298+/-0.759 χ^2/NDF : 255.6/19

Left In: 3.524+/-3.876 χ^2/NDF : 0.0/0

-6.749+/-0.742 χ^2/NDF : 287.2/17

-6.898+/-0.745 χ^2/NDF : 263.1/20

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.187 $\pm$ 1.416 χ^2 /NDF: 2161.0/16

Left Out: 30.896 $\pm$ 2.245 χ^2 /NDF: 0.0/0

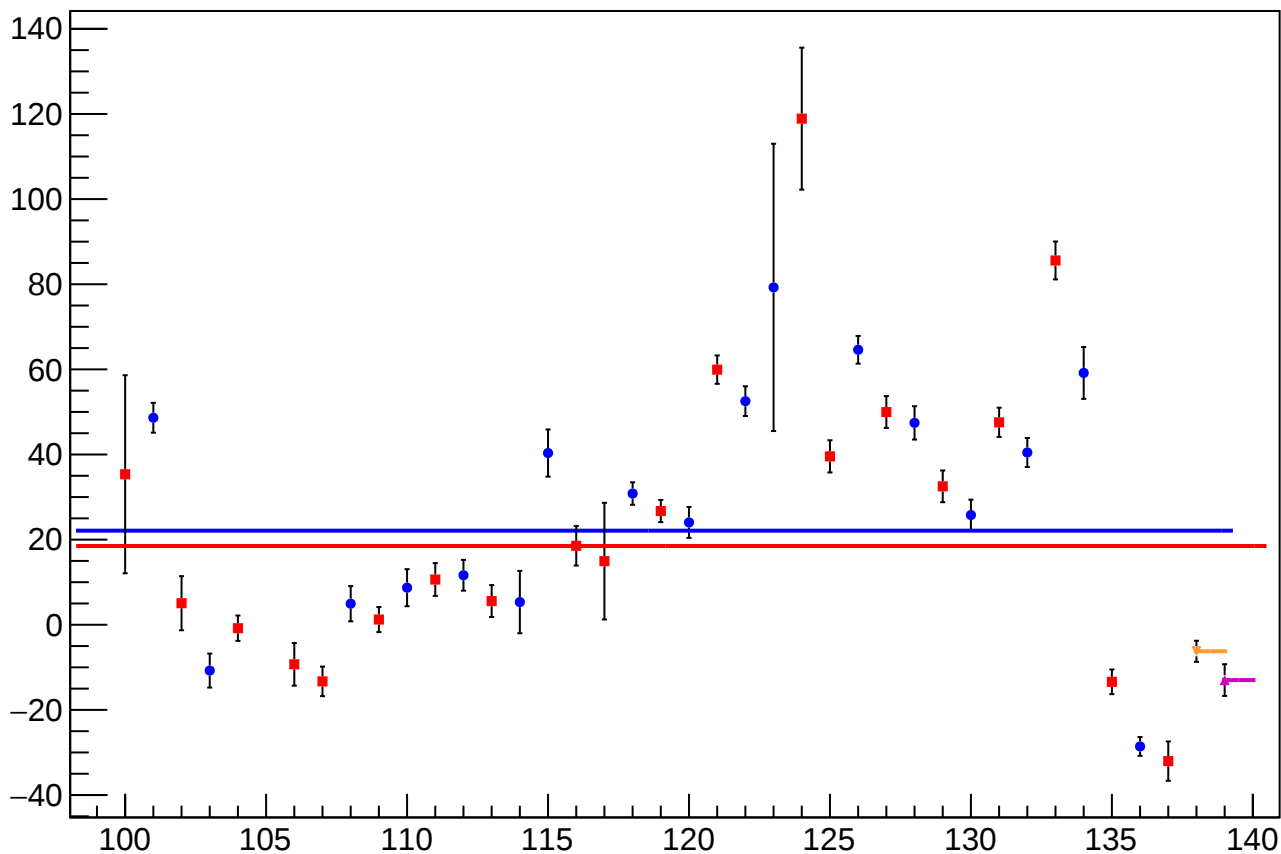
Right Out: 115.795 $\pm$ 1.357 χ^2 /NDF: 2140.4/19

Left In: 41.407 $\pm$ 2.350 χ^2 /NDF: 0.0/0

92.625 $\pm$ 1.198 χ^2 /NDF: 3217.6/17

97.180 $\pm$ 1.175 χ^2 /NDF: 2891.8/20

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.110 $\pm$ 0.898 χ^2 /NDF: 1070.3/16

Left Out: -6.229 $\pm$ 2.479 χ^2 /NDF:0.0/0

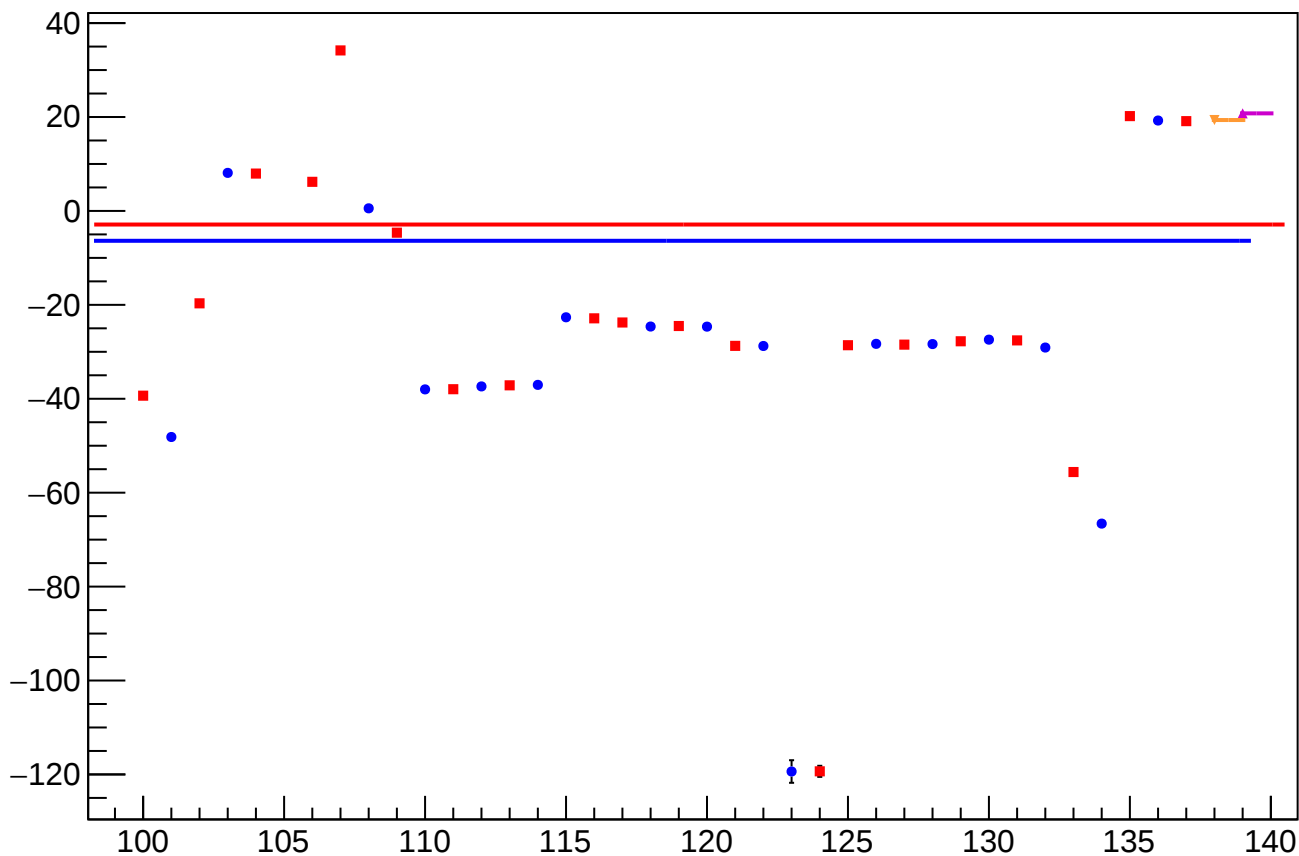
Right Out: 18.506 $\pm$ 0.869 χ^2 /NDF: 1068.6/19

Left In: -12.991 $\pm$ 3.730 χ^2 /NDF:0.0/0

18.822 $\pm$ 0.844 χ^2 /NDF: 1185.8/17

16.883 $\pm$ 0.847 χ^2 /NDF: 1136.3/20

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.360 ± 0.046 χ^2/NDF : 264750.9/16

Left Out: 19.357 ± 0.087 χ^2/NDF : 0.0/0

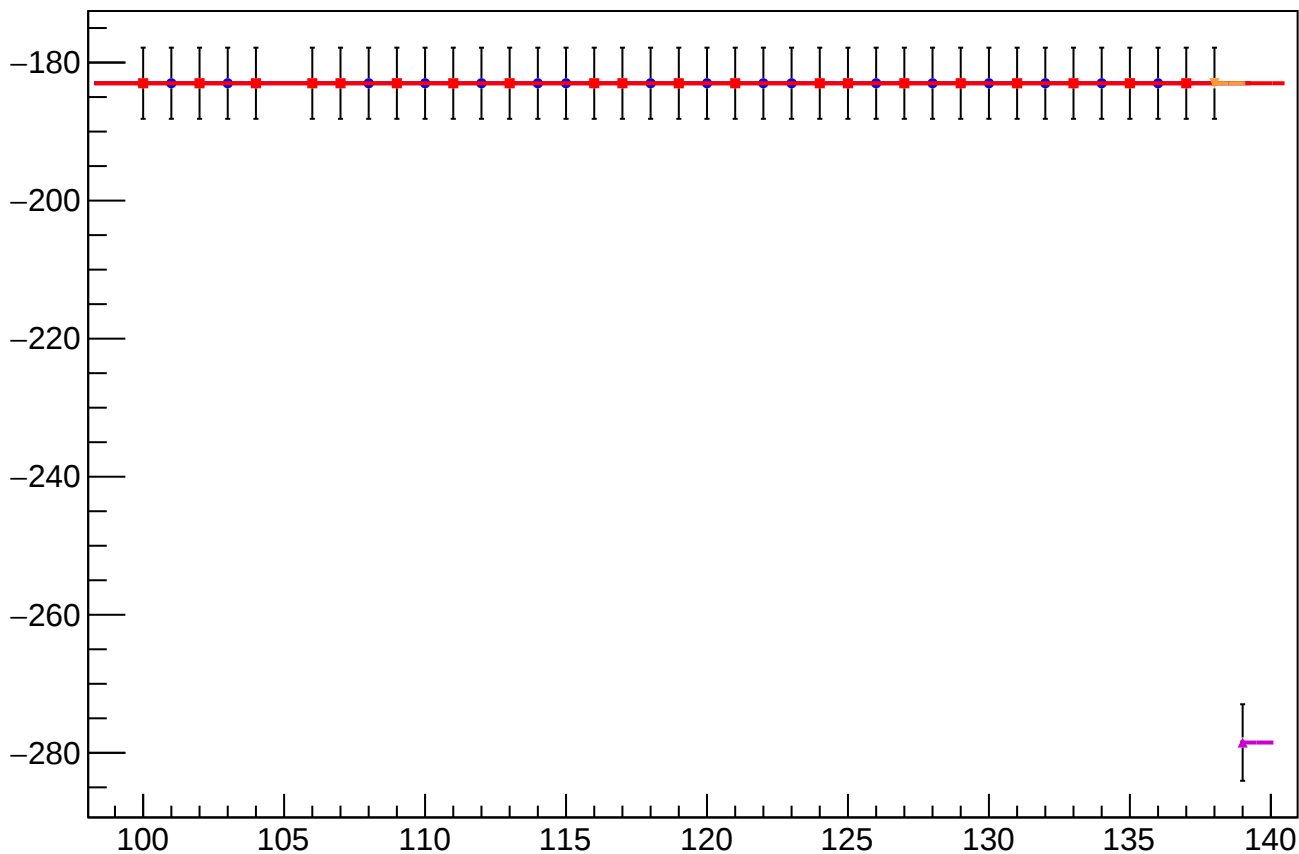
Right Out: -2.896 ± 0.046 χ^2/NDF : 266162.6/19

Left In: 20.776 ± 0.082 χ^2/NDF : 0.0/0

-0.731 ± 0.041 χ^2/NDF : 332242.1/17

2.681 ± 0.040 χ^2/NDF : 329428.7/20

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



Right In: -182.999+/-1.250 χ^2/NDF : 0.0/16

Left Out: -182.999+/-5.153 χ^2/NDF : 0.0/0

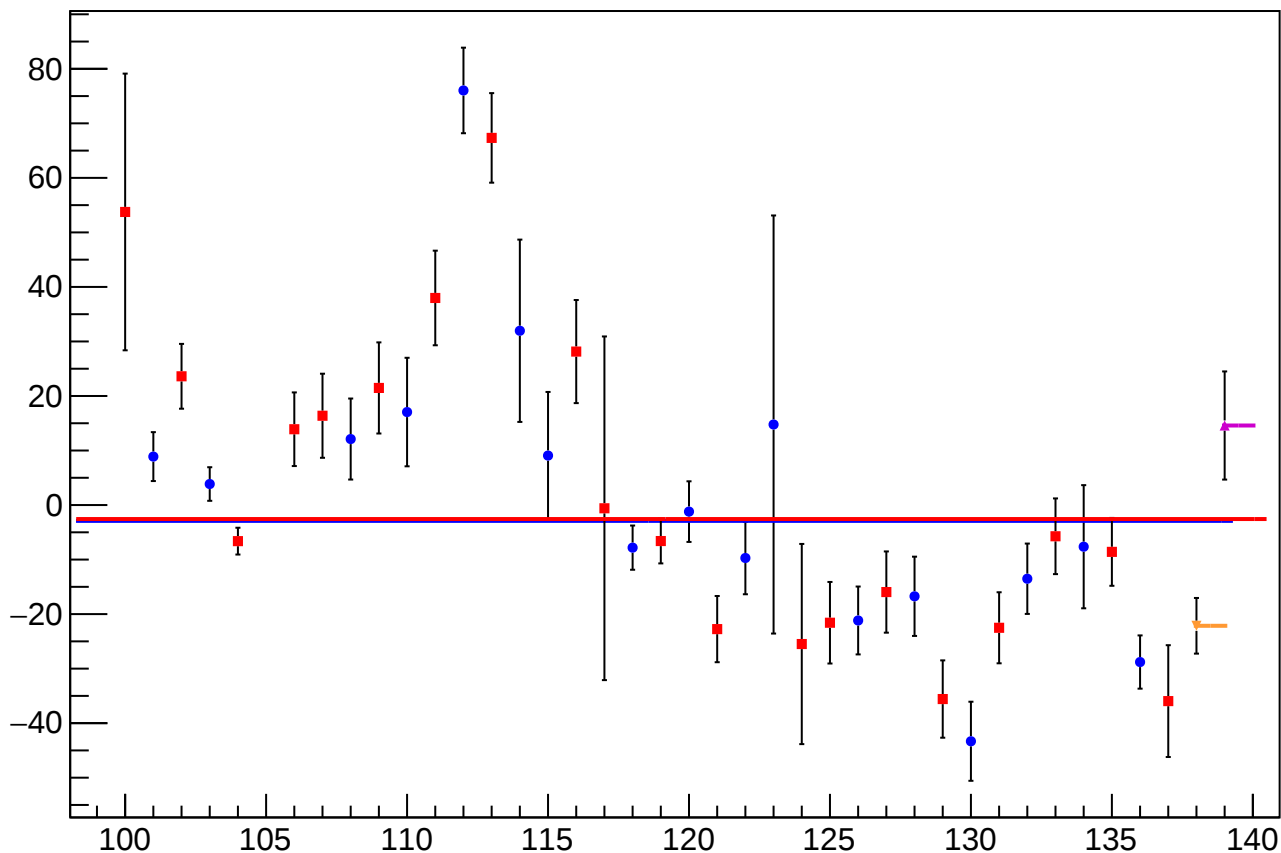
Right Out: -182.999+/-1.152 χ^2/NDF : 0.0/19

Left In: -278.508+/-5.544 χ^2/NDF : 0.0/0

-182.999+/-1.215 χ^2/NDF : 0.0/17

-186.954+/-1.128 χ^2/NDF : 284.5/20

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: -2.901 ± 1.467 χ^2/NDF : 203.6/16

Left Out: -22.144 ± 5.103 χ^2/NDF : 0.0/0

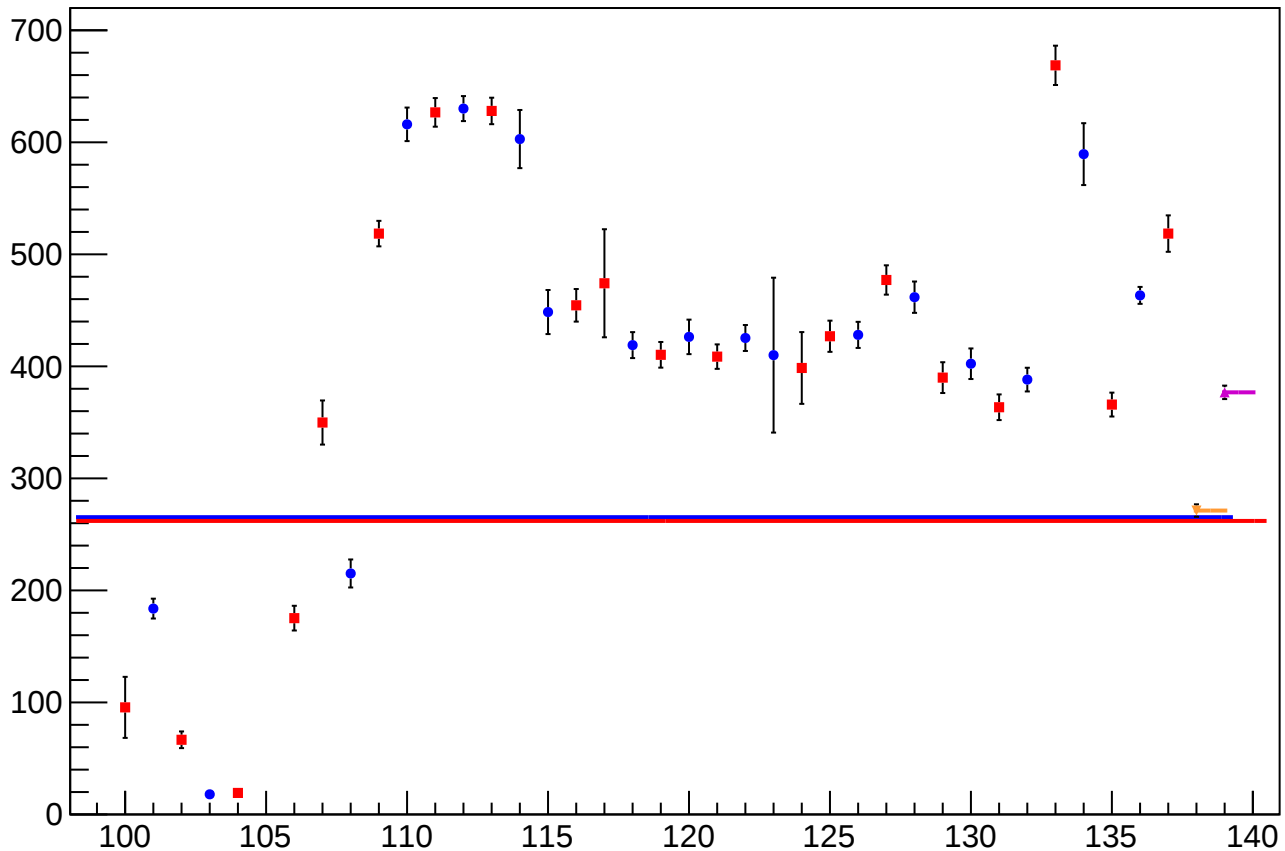
Right Out: -2.566 ± 1.395 χ^2/NDF : 218.2/19

Left In: 14.586 ± 9.918 χ^2/NDF : 0.0/0

-4.370 ± 1.410 χ^2/NDF : 216.7/17

-2.234 ± 1.381 χ^2/NDF : 221.1/20

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 265.369 $\pm$ 2.488 χ^2 /NDF: 7633.8/16

Left Out: 271.272 $\pm$ 5.586 χ^2 /NDF: 0.0/0

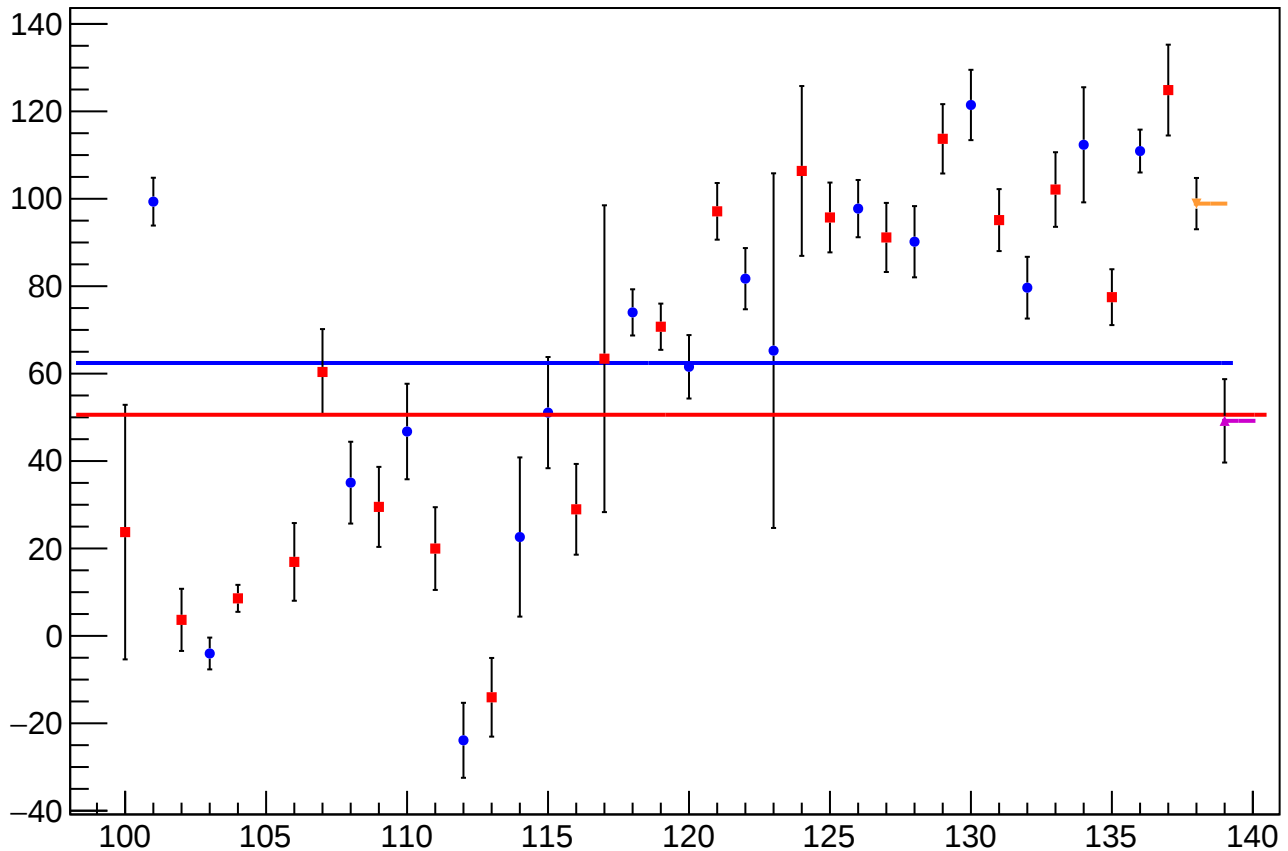
Right Out: 262.016 $\pm$ 2.455 χ^2 /NDF: 8223.7/19

Left In: 376.806 $\pm$ 6.008 χ^2 /NDF: 0.0/0

266.346 $\pm$ 2.273 χ^2 /NDF: 7634.7/17

278.435 $\pm$ 2.272 χ^2 /NDF: 8536.5/20

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.434+/-1.694 χ^2/NDF : 721.8/16

Left Out: 98.895+/-5.869 χ^2/NDF : 0.0/0

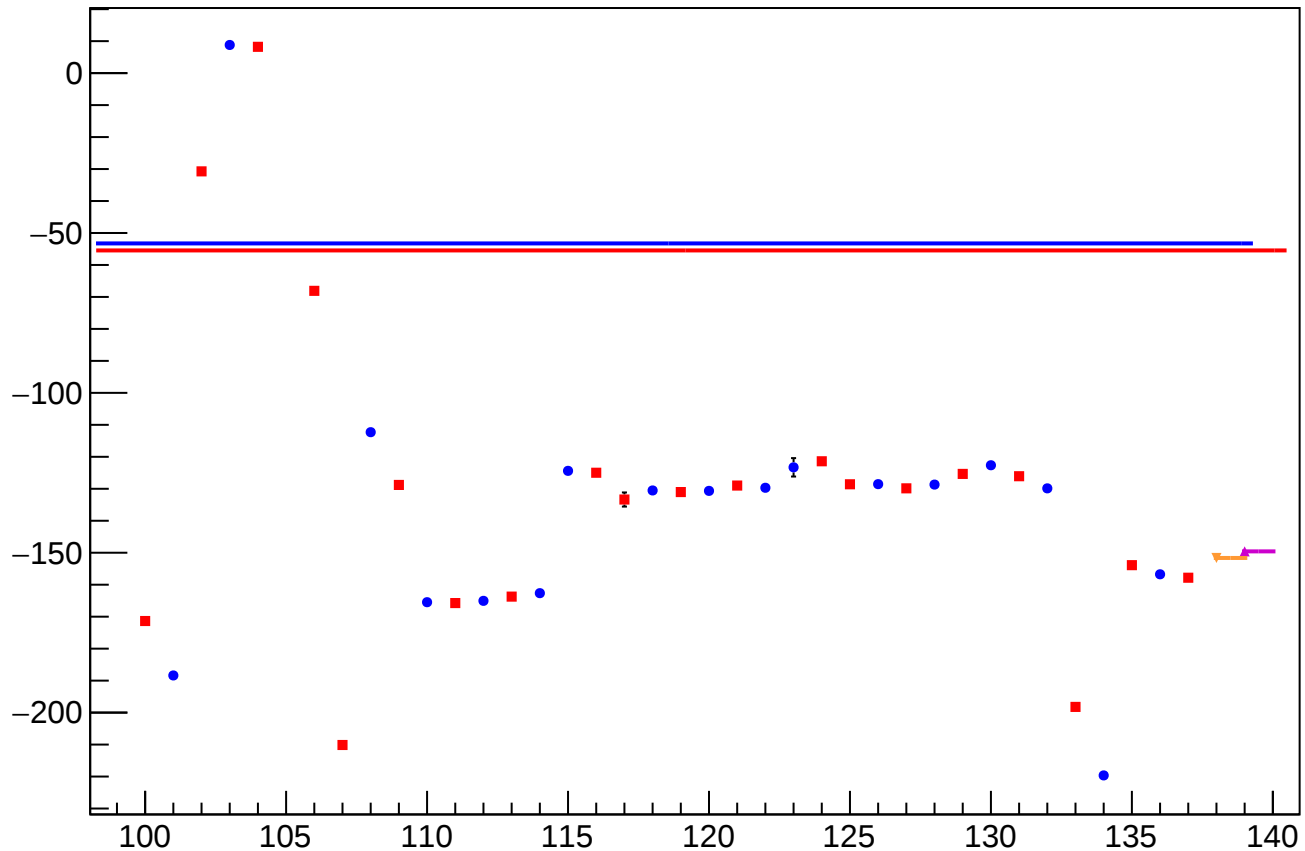
Right Out: 50.588+/-1.640 χ^2/NDF : 657.5/19

Left In: 49.198+/-9.542 χ^2/NDF : 0.0/0

65.237+/-1.627 χ^2/NDF : 757.4/17

50.549+/-1.616 χ^2/NDF : 657.5/20

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.264 ± 0.070 $\chi^2/\text{NDF}: 1225492.9/16$

Left Out: -151.636 ± 0.222 $\chi^2/\text{NDF}: 0.0/0$

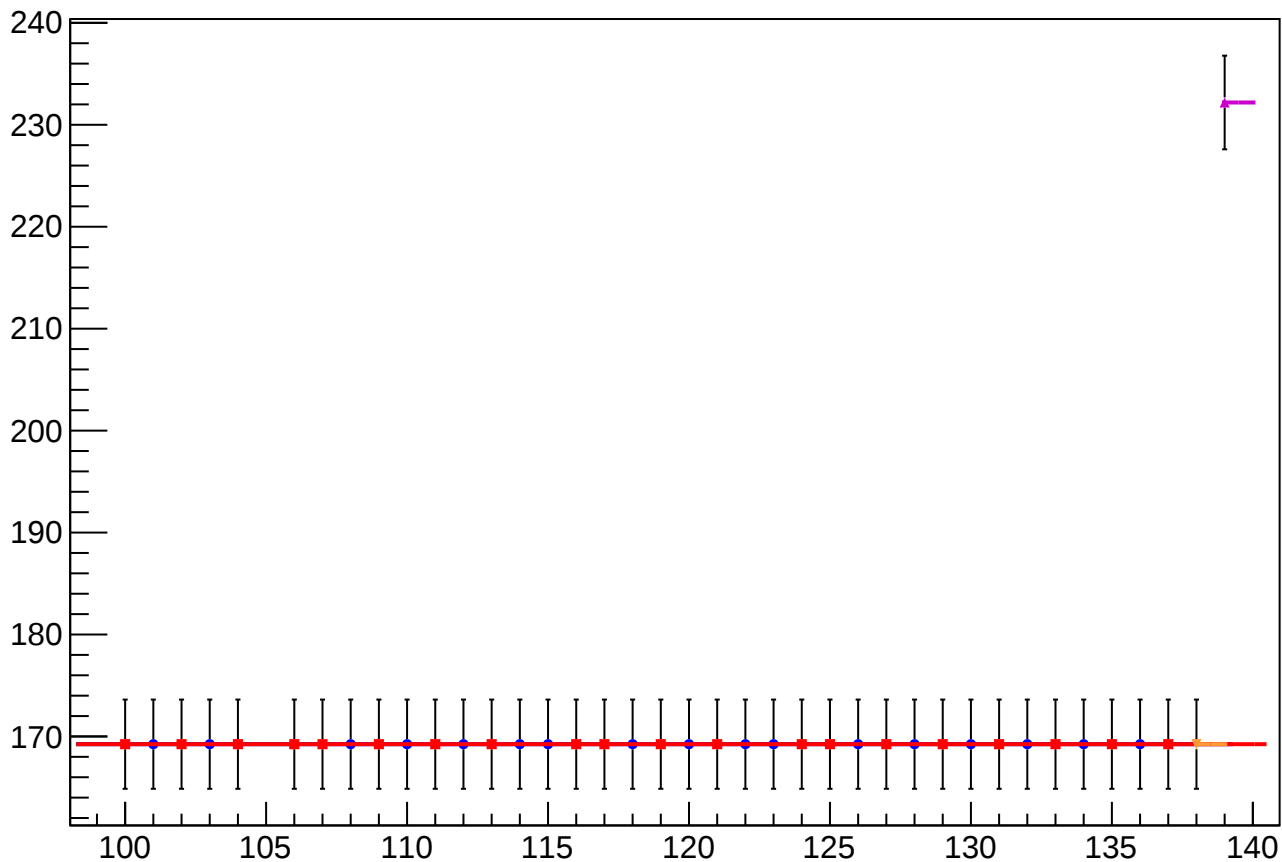
Right Out: -55.455 ± 0.072 $\chi^2/\text{NDF}: 968274.5/19$

Left In: -149.577 ± 0.211 $\chi^2/\text{NDF}: 0.0/0$

-62.282 ± 0.067 $\chi^2/\text{NDF}: 1404440.2/17$

-65.262 ± 0.068 $\chi^2/\text{NDF}: 1146766.3/20$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



Right In: 169.242 $\pm$ 1.061 χ^2 /NDF: 0.0/16

169.242 $\pm$ 1.031 χ^2 /NDF: 0.0/17

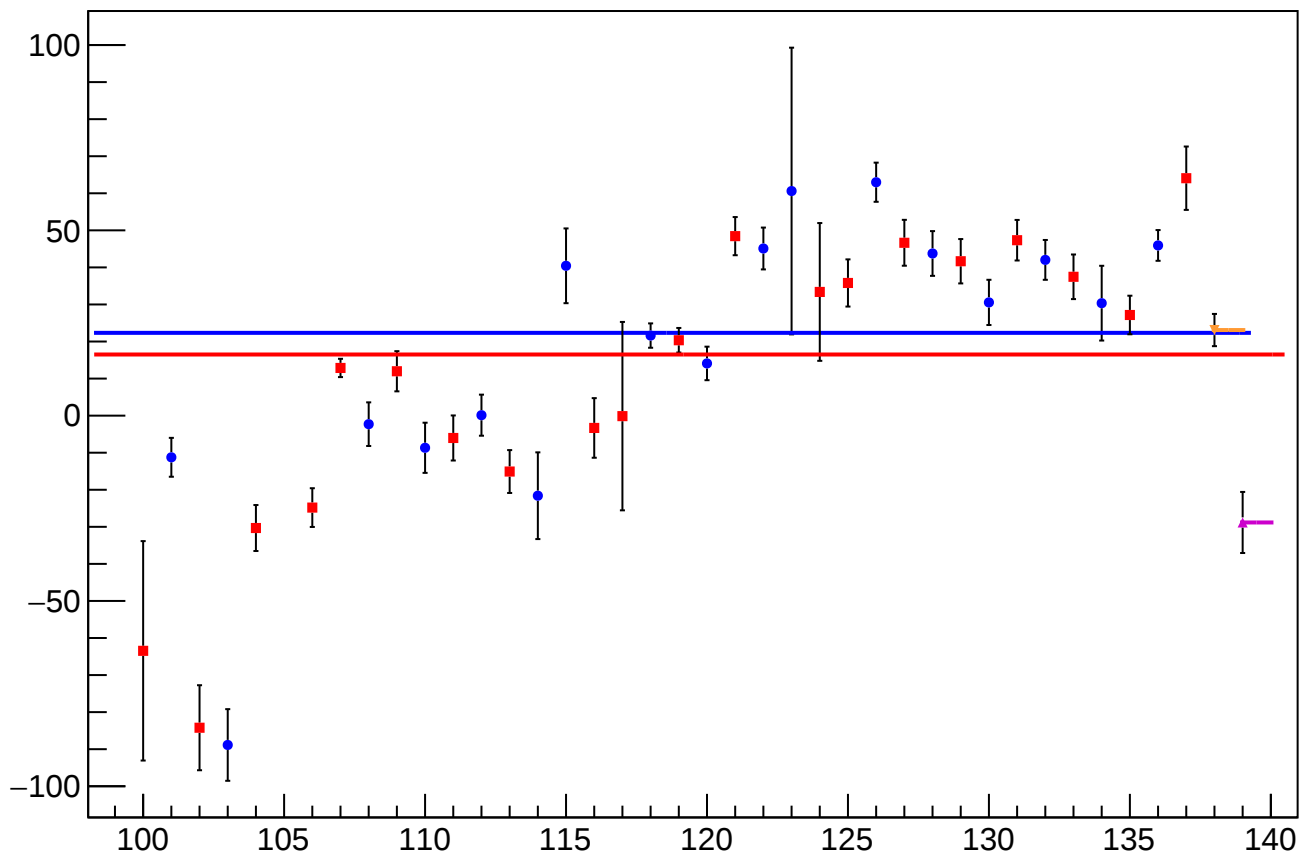
Left Out: 169.242 $\pm$ 4.376 χ^2 /NDF: 0.0/0

Right Out: 169.242 $\pm$ 0.979 χ^2 /NDF: 0.0/19

171.975 $\pm$ 0.957 χ^2 /NDF: 179.7/20

Left In: 232.187 $\pm$ 4.593 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.342 $\pm$ 1.395 χ^2 /NDF: 385.8/16

Left Out: 23.097 $\pm$ 4.349 χ^2 /NDF:0.0/0

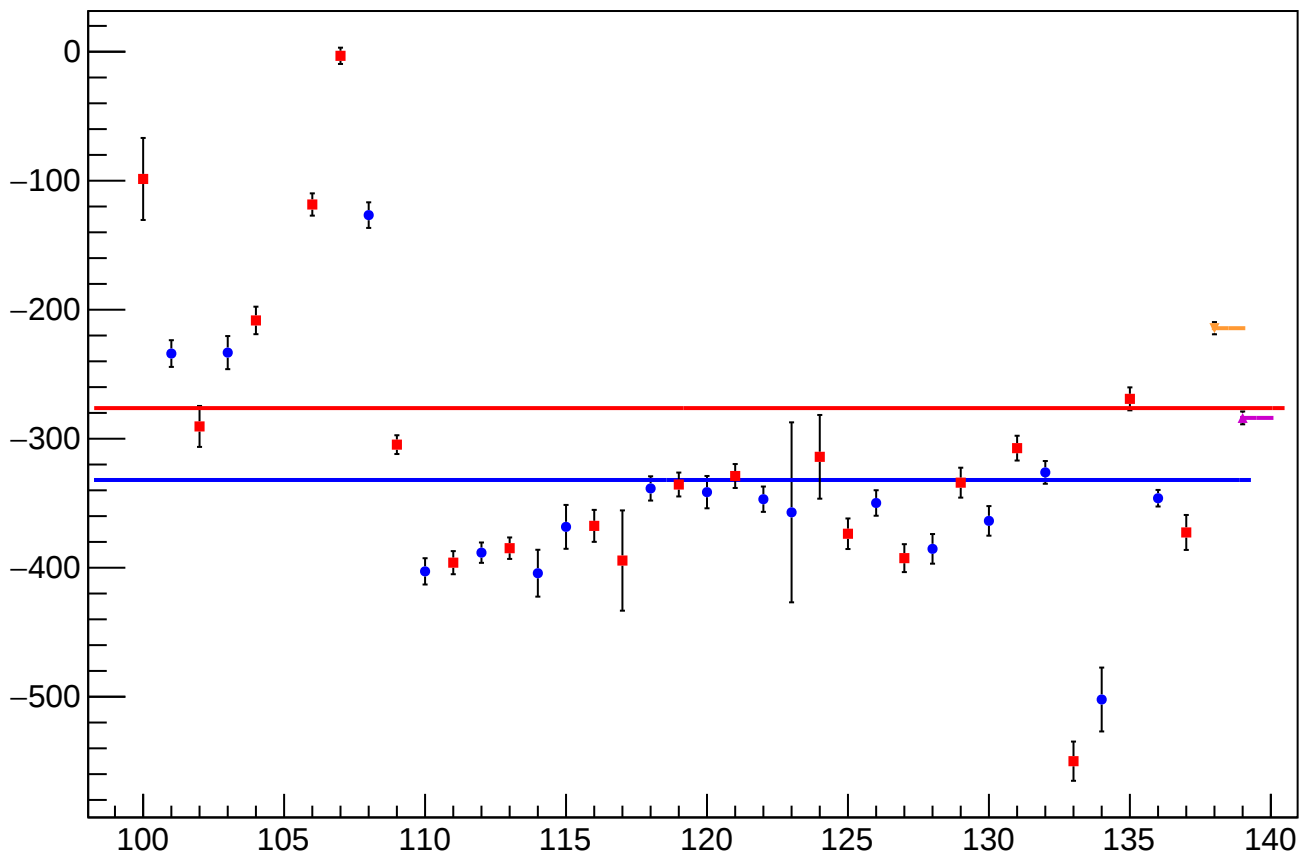
Right Out: 16.498 $\pm$ 1.226 χ^2 /NDF: 427.0/19

Left In: -28.825 $\pm$ 8.241 χ^2 /NDF:0.0/0

22.413 $\pm$ 1.329 χ^2 /NDF: 385.9/17

15.517 $\pm$ 1.213 χ^2 /NDF: 456.6/20

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -331.989+/-2.580 χ^2/NDF : 785.0/16

Left Out: -214.323+/-4.744 χ^2/NDF : 0.0/0

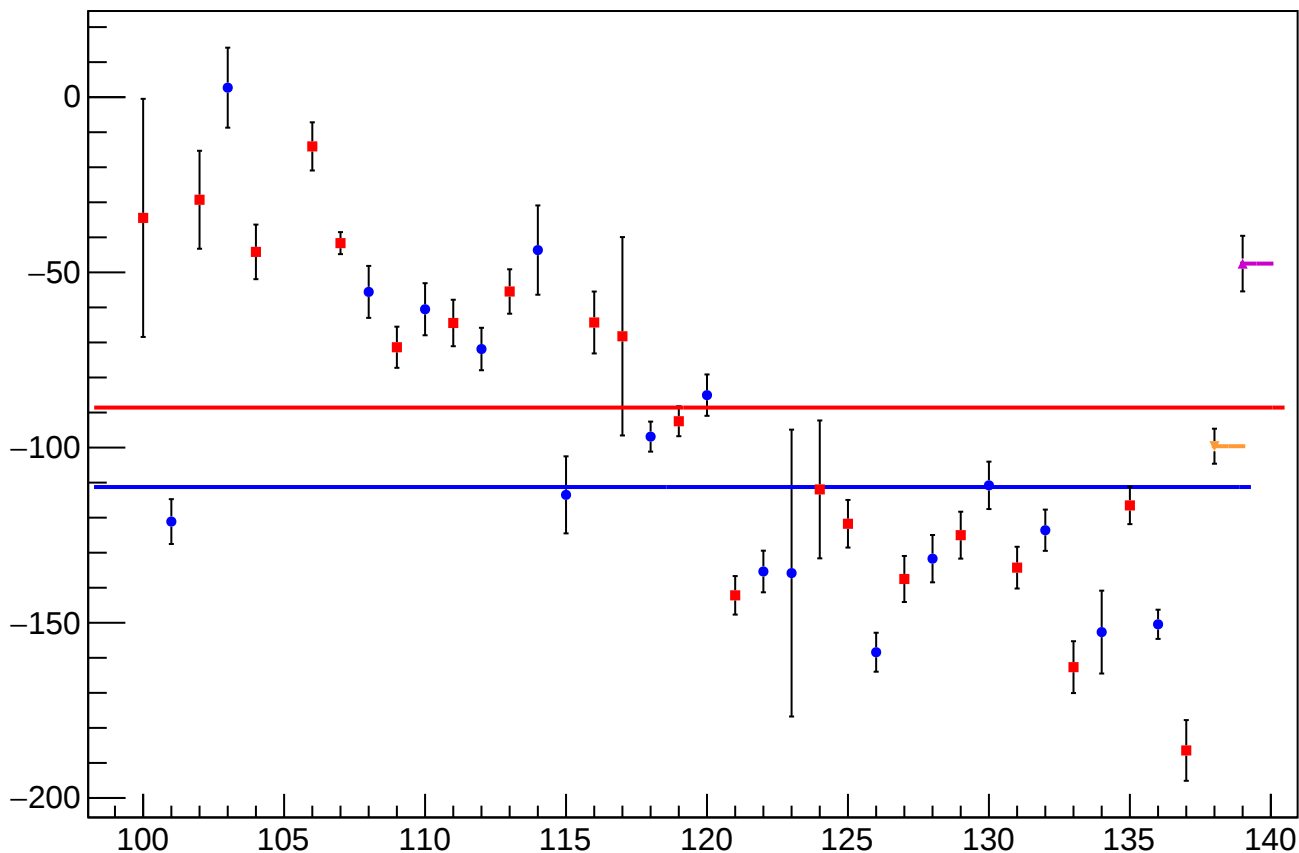
Right Out: -276.265+/-2.320 χ^2/NDF : 3371.5/19

Left In: -283.862+/-4.975 χ^2/NDF : 0.0/0

-305.129+/-2.267 χ^2/NDF : 1259.7/17

-277.622+/-2.103 χ^2/NDF : 3373.4/20

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -111.257+/-1.597 χ^2/NDF : 509.6/16

Left Out: -99.612+/-4.995 χ^2/NDF : 0.0/0

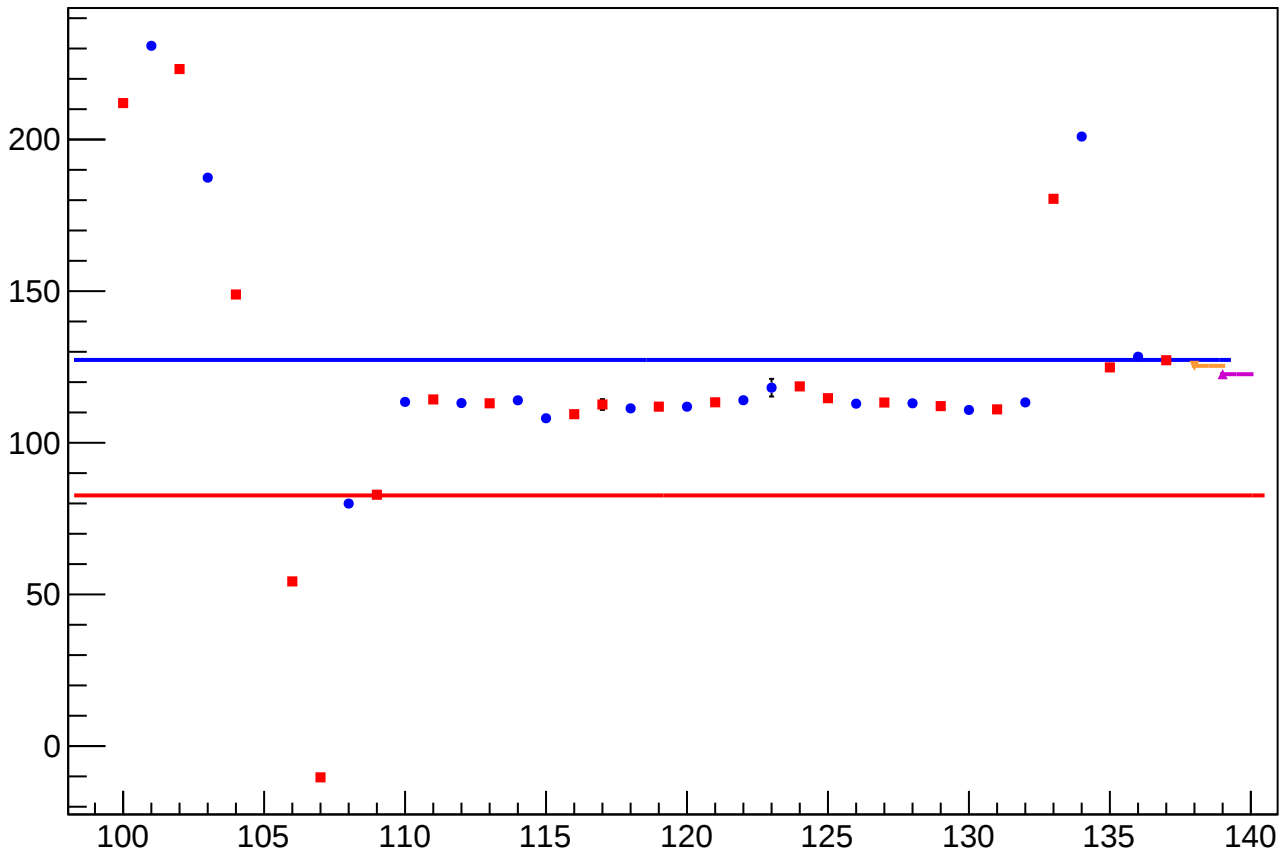
Right Out: -88.581+/-1.431 χ^2/NDF : 971.5/19

Left In: -47.496+/-7.930 χ^2/NDF : 0.0/0

-110.177+/-1.521 χ^2/NDF : 514.5/17

-87.285+/-1.408 χ^2/NDF : 997.5/20

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.323+/-0.089 χ^2/NDF : 187776.4/16

Left Out: 125.377+/-0.188 χ^2/NDF : 0.0/0

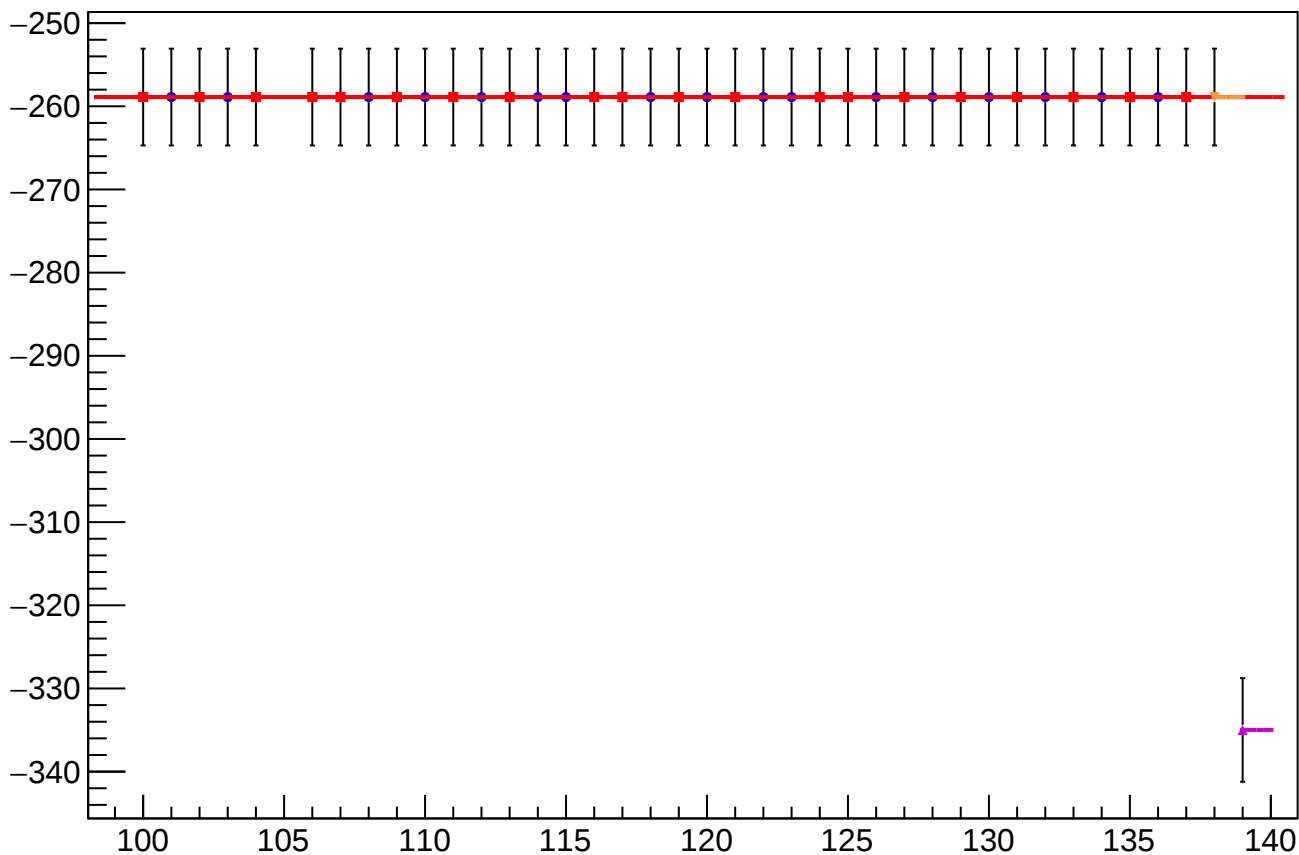
Right Out: 82.649+/-0.075 χ^2/NDF : 765307.1/19

Left In: 122.617+/-0.175 χ^2/NDF : 0.0/0

126.964+/-0.081 χ^2/NDF : 187863.7/17

88.873+/-0.069 χ^2/NDF : 809168.9/20

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



Right In: -258.891+/-1.411 χ^2/NDF : 0.0/16

Left Out: -258.891+/-5.819 χ^2/NDF : 0.0/0

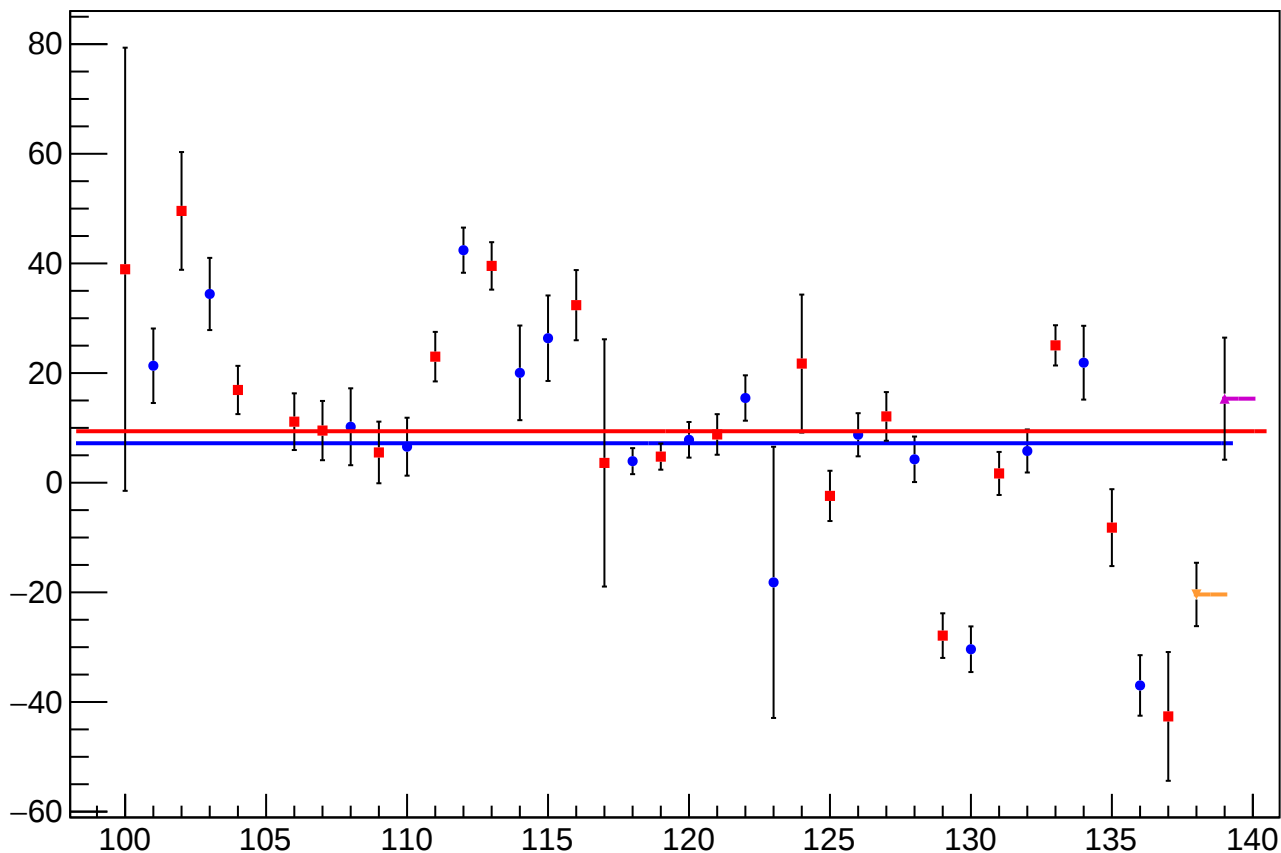
Right Out: -258.891+/-1.301 χ^2/NDF : 0.0/19

Left In: -334.991+/-6.232 χ^2/NDF : 0.0/0

-258.891+/-1.372 χ^2/NDF : 0.0/17

-262.070+/-1.274 χ^2/NDF : 142.9/20

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 7.199 $\pm$ 1.103 χ^2 /NDF: 260.9/16

Left Out: -20.385 $\pm$ 5.782 χ^2 /NDF:0.0/0

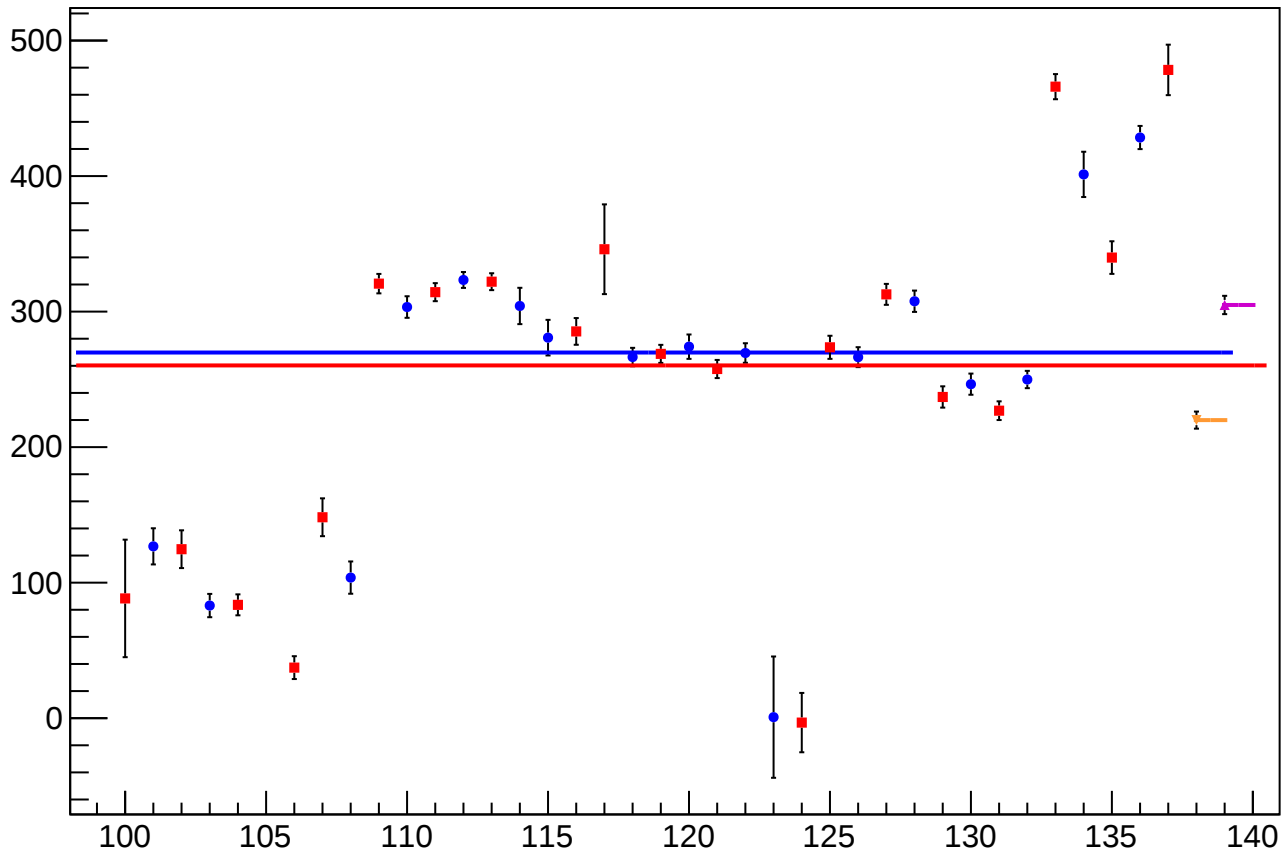
Right Out: 9.390 $\pm$ 1.070 χ^2 /NDF: 232.2/19

Left In: 15.330 $\pm$ 11.135 χ^2 /NDF:0.0/0

6.231 $\pm$ 1.083 χ^2 /NDF: 282.8/17

9.444 $\pm$ 1.065 χ^2 /NDF: 232.5/20

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.806 $\pm$ 2.089 χ^2 /NDF: 1374.1/16

Left Out: 219.939 $\pm$ 6.308 χ^2 /NDF: 0.0/0

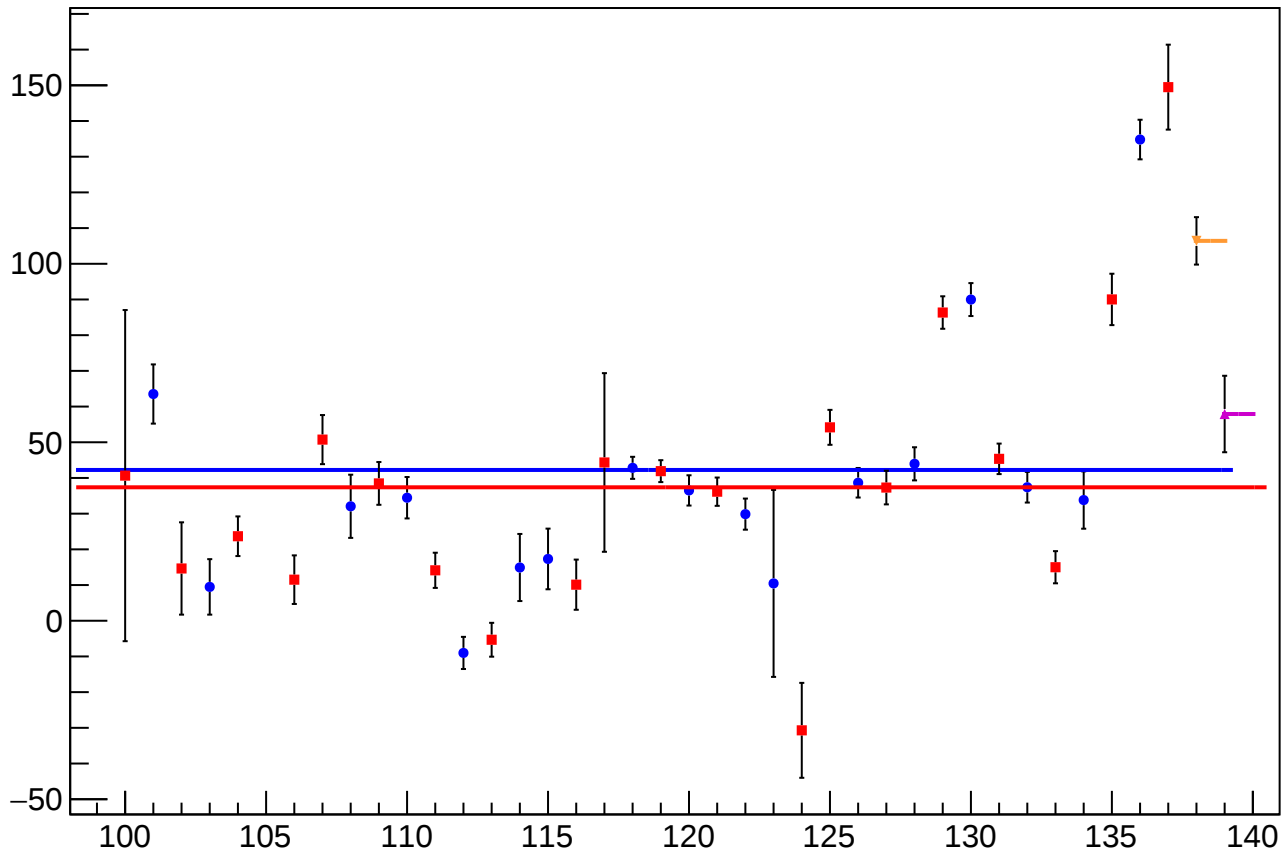
Right Out: 260.286 $\pm$ 1.973 χ^2 /NDF: 2545.4/19

Left In: 304.890 $\pm$ 6.756 χ^2 /NDF: 0.0/0

264.878 $\pm$ 1.983 χ^2 /NDF: 1430.4/17

263.793 $\pm$ 1.894 χ^2 /NDF: 2585.5/20

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.242 $\pm$ 1.274 χ^2 /NDF: 574.4/16

Left Out: 106.420 $\pm$ 6.645 χ^2 /NDF: 0.0/0

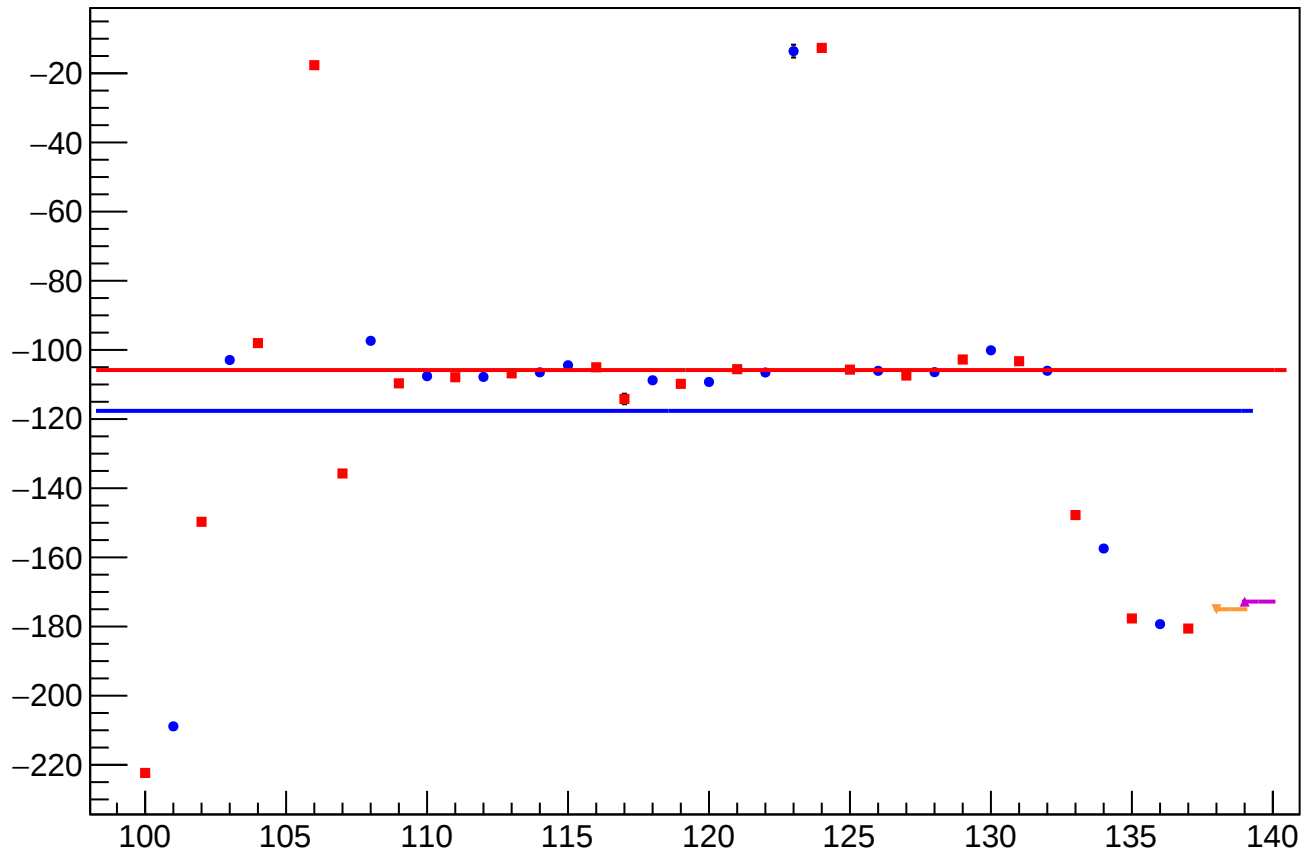
Right Out: 37.384 $\pm$ 1.233 χ^2 /NDF: 472.4/19

Left In: 57.916 $\pm$ 10.712 χ^2 /NDF: 0.0/0

44.515 $\pm$ 1.251 χ^2 /NDF: 664.4/17

37.652 $\pm$ 1.225 χ^2 /NDF: 476.0/20

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.625 ± 0.079 $\chi^2/\text{NDF}: 141872.3/16$

Left Out: -175.003 ± 0.250 $\chi^2/\text{NDF}: 0.0/0$

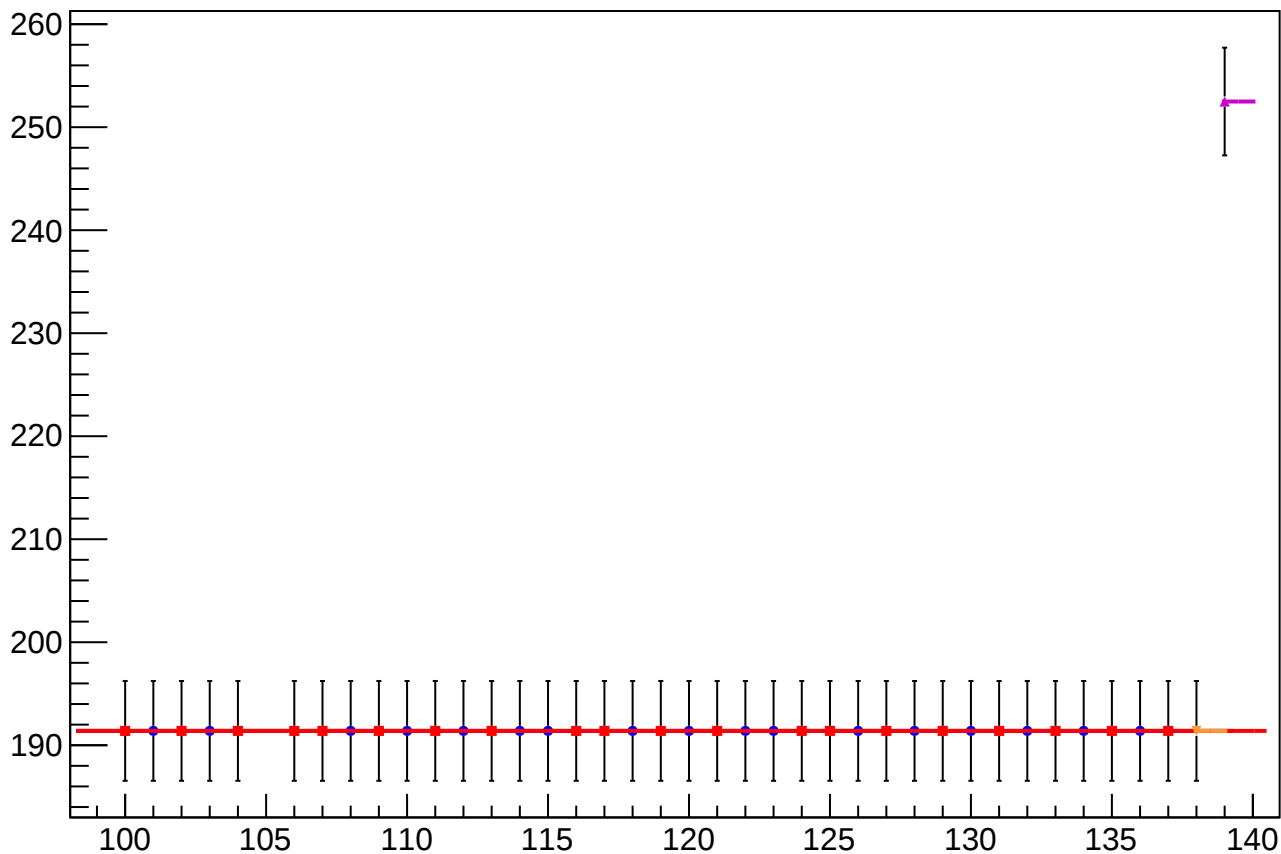
Right Out: -105.826 ± 0.073 $\chi^2/\text{NDF}: 323138.4/19$

Left In: -172.788 ± 0.237 $\chi^2/\text{NDF}: 0.0/0$

-122.769 ± 0.075 $\chi^2/\text{NDF}: 189732.7/17$

-111.610 ± 0.070 $\chi^2/\text{NDF}: 396351.4/20$

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



Right In: 191.392 $\pm$ 1.175 χ^2 /NDF: 0.0/16

Left Out: 191.392 $\pm$ 4.845 χ^2 /NDF: 0.0/0

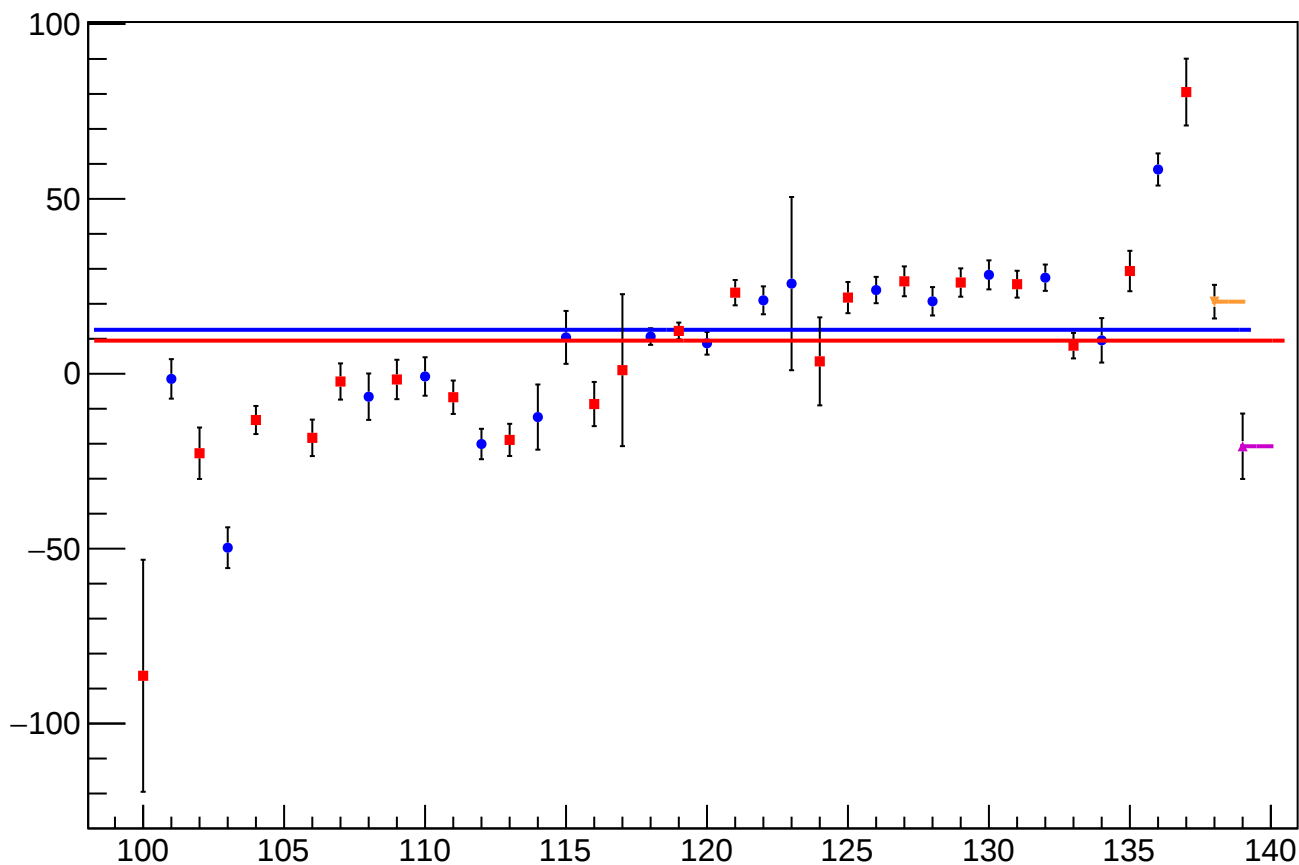
Right Out: 191.392 $\pm$ 1.083 χ^2 /NDF: 0.0/19

Left In: 252.491 $\pm$ 5.229 χ^2 /NDF: 0.0/0

191.392 $\pm$ 1.142 χ^2 /NDF: 0.0/17

193.908 $\pm$ 1.061 χ^2 /NDF: 130.9/20

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 12.574 $\pm$ 1.074 χ^2 /NDF: 348.0/16

Left Out: 20.615 $\pm$ 4.809 χ^2 /NDF:0.0/0

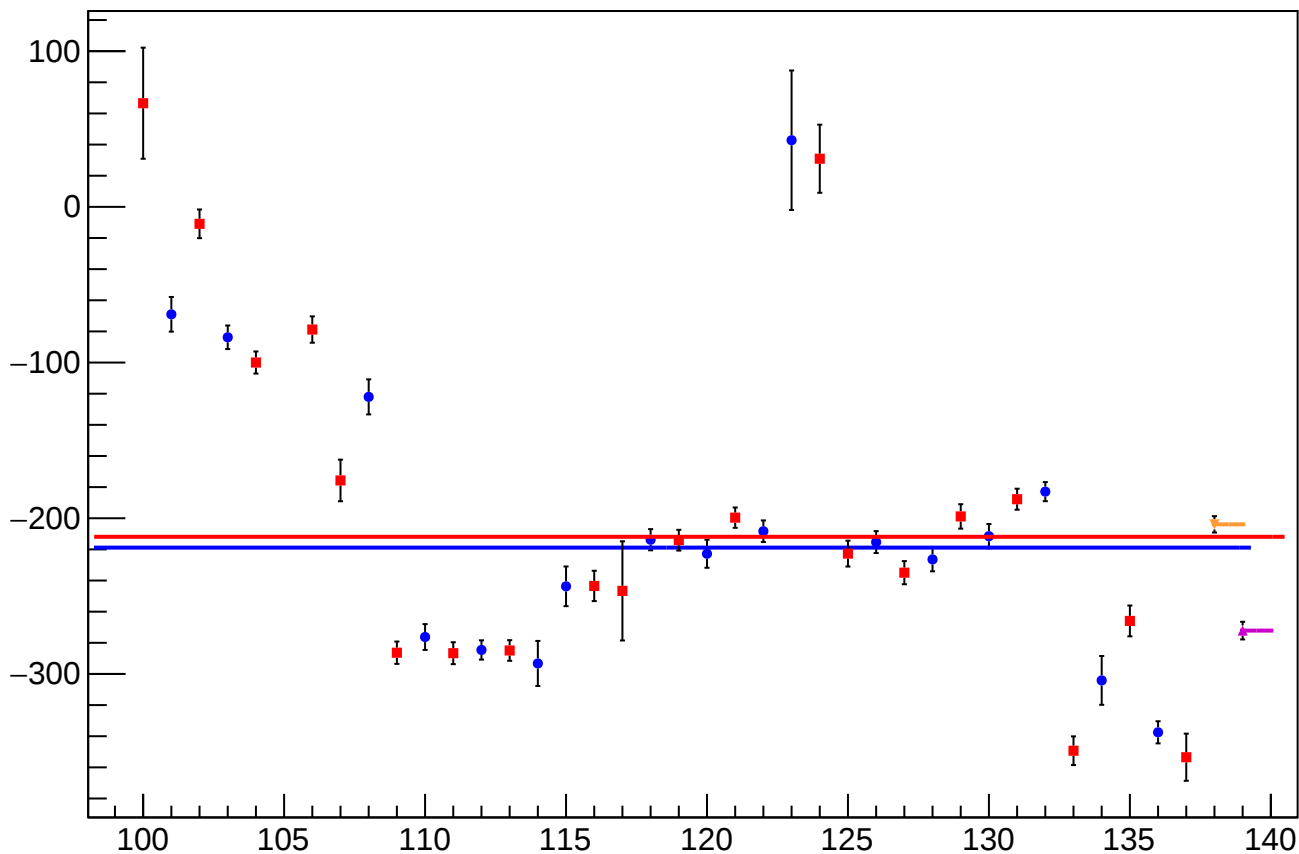
Right Out: 9.474 $\pm$ 1.046 χ^2 /NDF: 296.0/19

Left In: -20.724 $\pm$ 9.350 χ^2 /NDF:0.0/0

12.956 $\pm$ 1.048 χ^2 /NDF: 350.7/17

9.100 $\pm$ 1.040 χ^2 /NDF: 306.3/20

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.855±/2.023 χ^2/NDF : 1146.6/16

Left Out: -203.906±/5.253 χ^2/NDF : 0.0/0

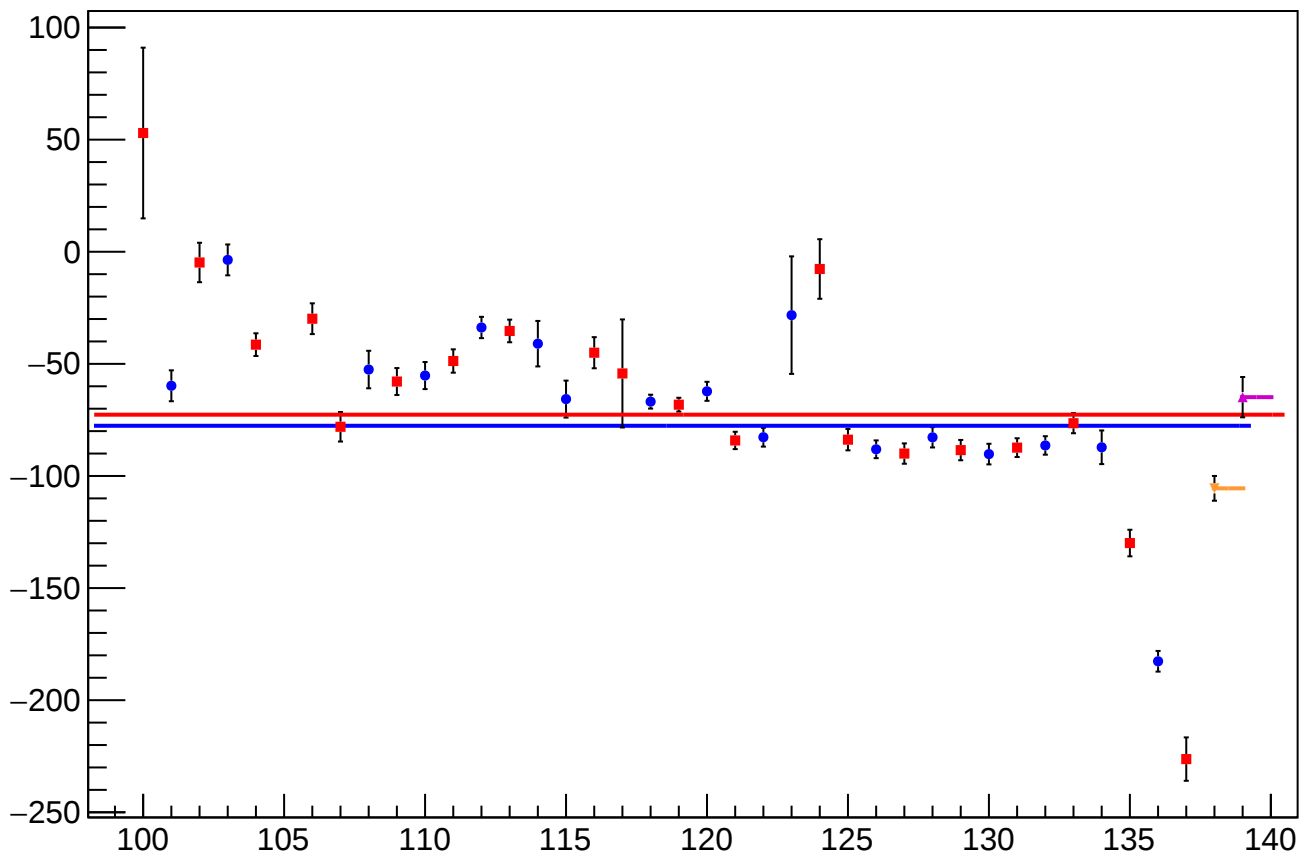
Right Out: -211.907±/1.920 χ^2/NDF : 1886.4/19

Left In: -272.159±/5.667 χ^2/NDF : 0.0/0

-216.925±/1.887 χ^2/NDF : 1153.6/17

-218.112±/1.819 χ^2/NDF : 1987.8/20

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.612 ± 1.236 χ^2/NDF : 815.9/16

Left Out: -105.517 ± 5.527 χ^2/NDF : 0.0/0

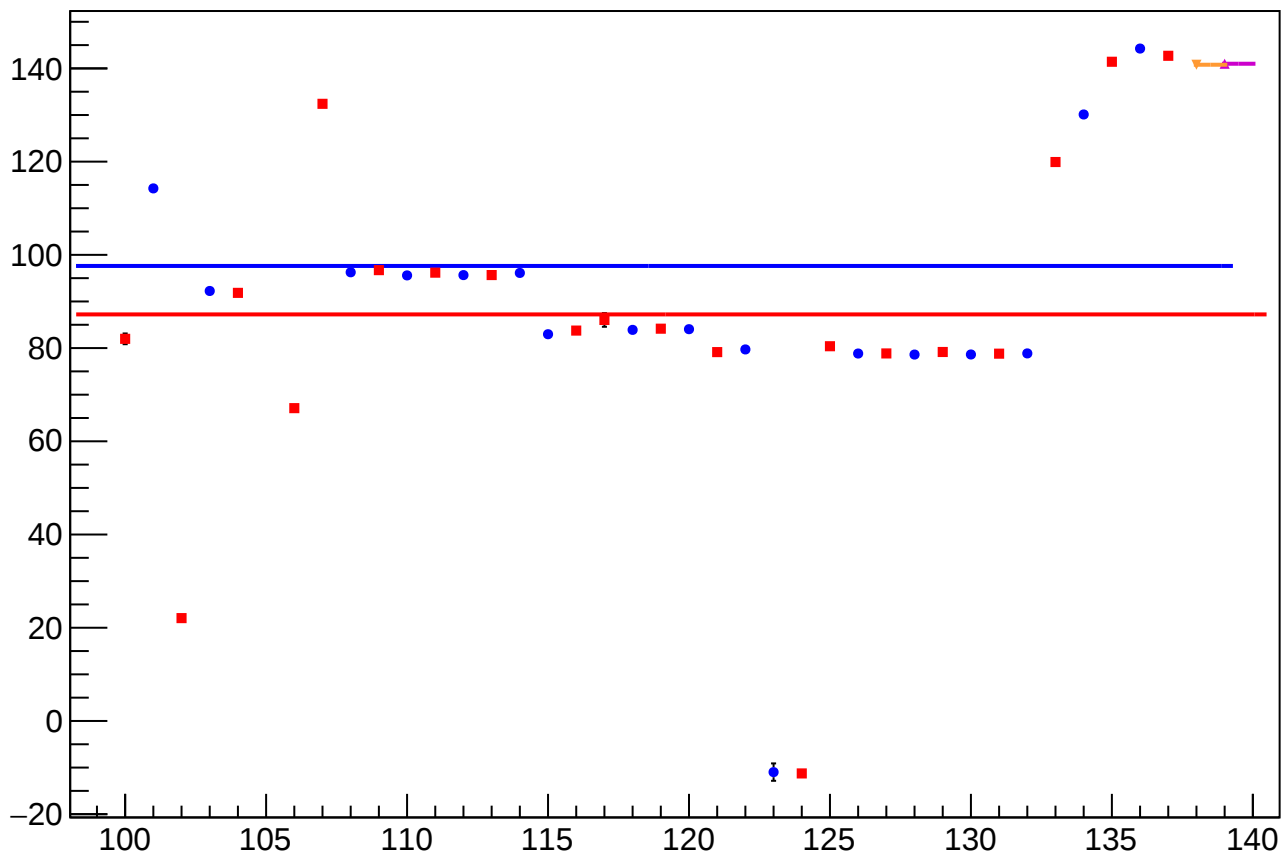
Right Out: -72.664 ± 1.205 χ^2/NDF : 672.0/19

Left In: -64.848 ± 8.995 χ^2/NDF : 0.0/0

-78.942 ± 1.207 χ^2/NDF : 840.2/17

-72.526 ± 1.194 χ^2/NDF : 672.8/20

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.620 $\pm$ 0.074 χ^2 /NDF: 94045.2/16

Left Out: 140.788 $\pm$ 0.208 χ^2 /NDF: 0.0/0

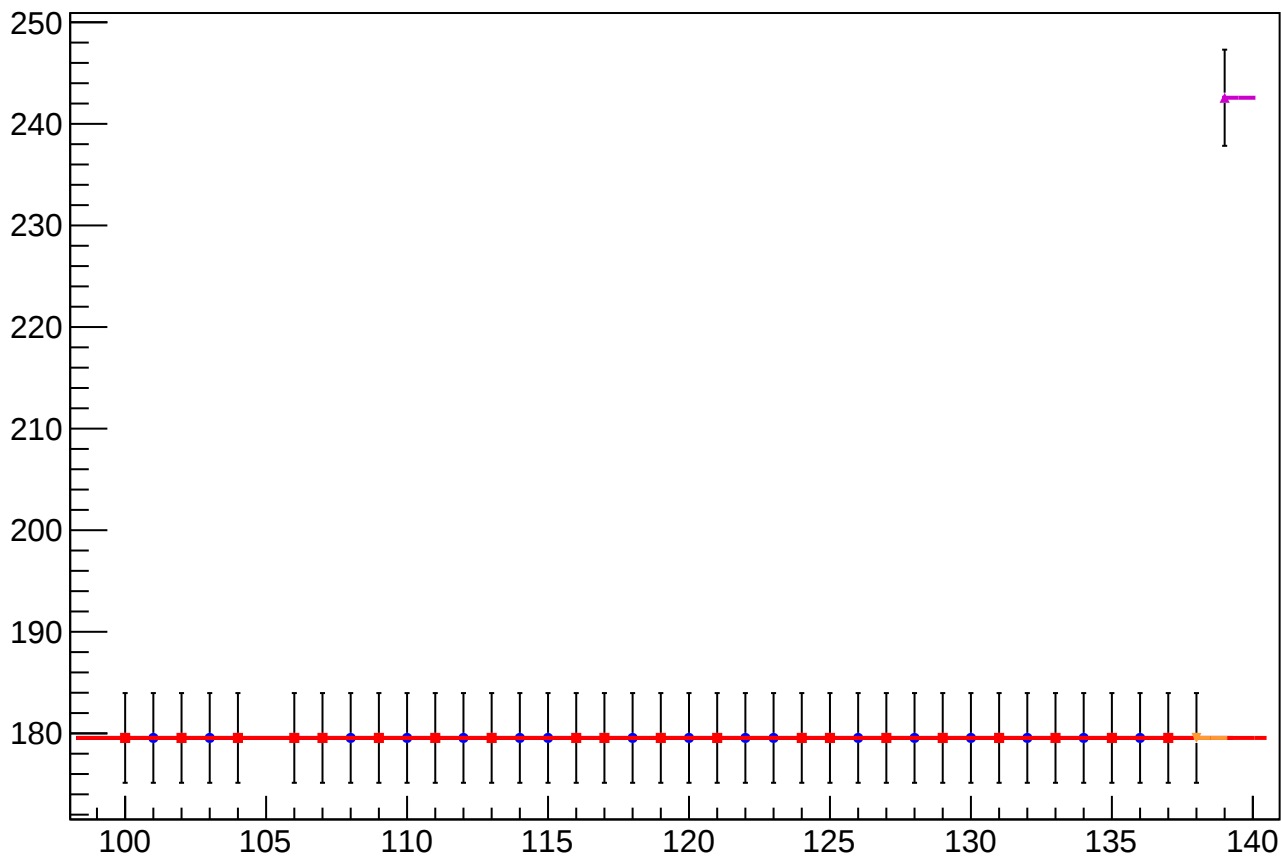
Right Out: 87.224 $\pm$ 0.068 χ^2 /NDF: 220851.2/19

Left In: 141.001 $\pm$ 0.199 χ^2 /NDF: 0.0/0

102.418 $\pm$ 0.069 χ^2 /NDF: 132168.7/17

92.889 $\pm$ 0.065 χ^2 /NDF: 286370.5/20

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 179.552 $\pm$ 1.071 χ^2 /NDF: 0.0/16

Left Out: 179.552 $\pm$ 4.416 χ^2 /NDF: 0.0/0

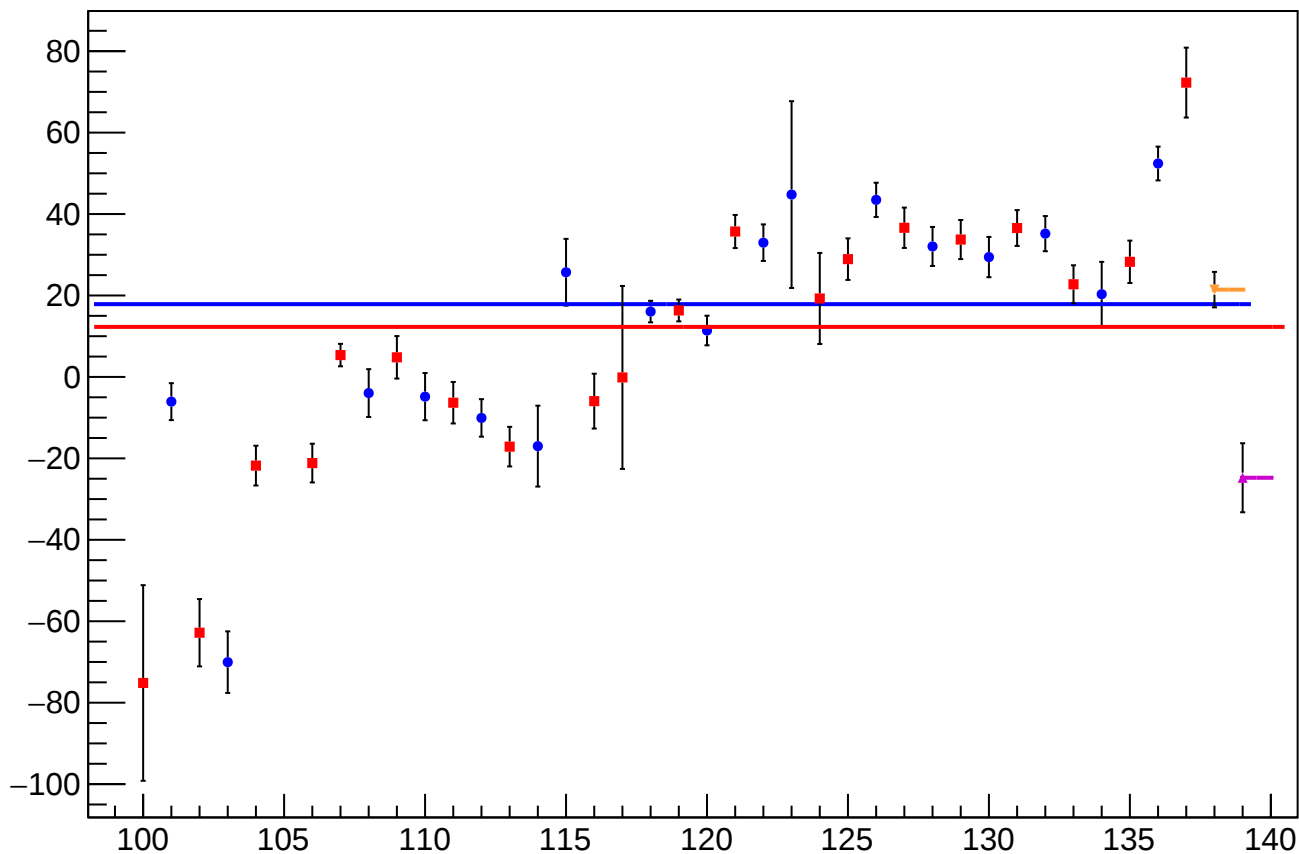
Right Out: 179.552 $\pm$ 0.988 χ^2 /NDF: 0.0/19

Left In: 242.571 $\pm$ 4.732 χ^2 /NDF: 0.0/0

179.552 $\pm$ 1.041 χ^2 /NDF: 0.0/17

182.182 $\pm$ 0.967 χ^2 /NDF: 169.9/20

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 17.872 $\pm$ 1.166 χ^2 /NDF: 395.3/16

Left Out: 21.439 $\pm$ 4.354 χ^2 /NDF: 0.0/0

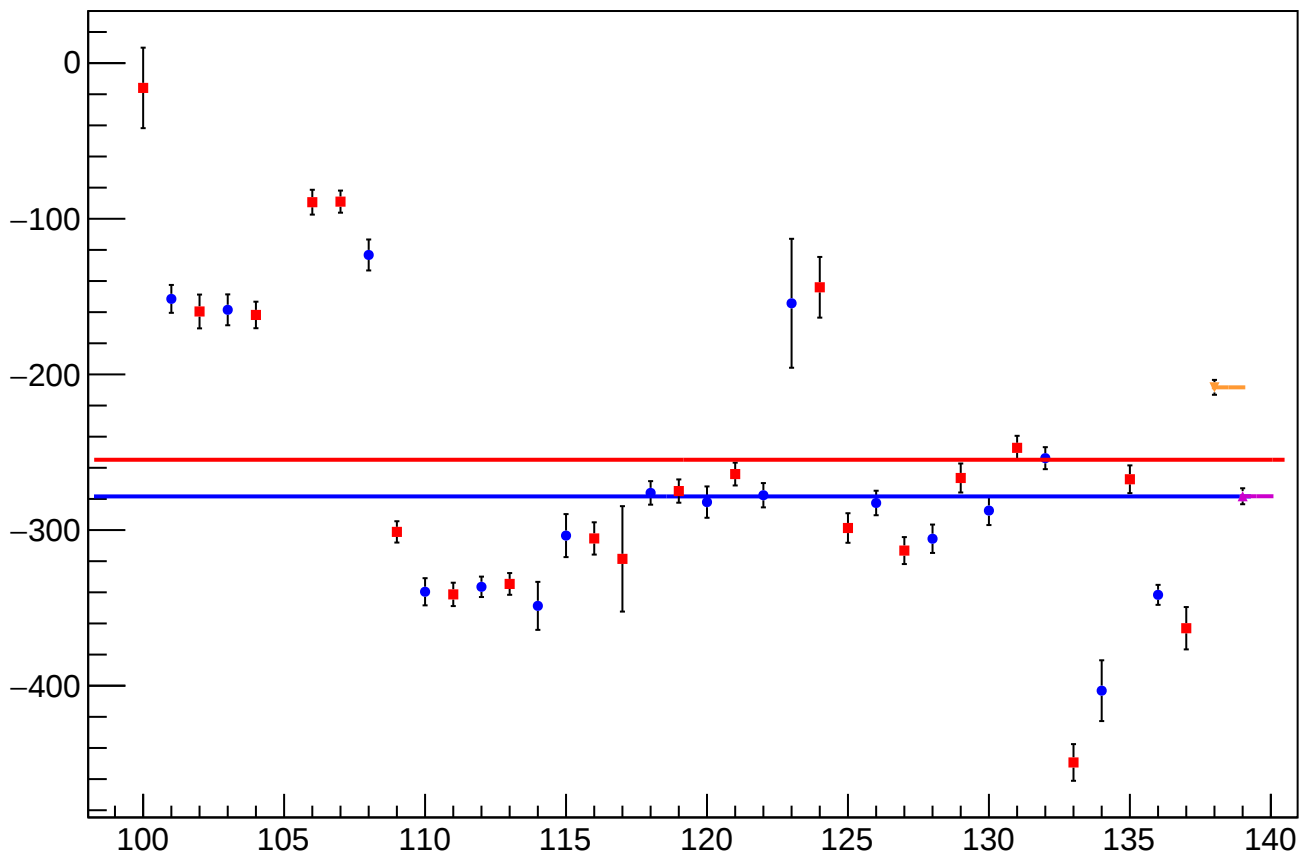
Right Out: 12.288 $\pm$ 1.082 χ^2 /NDF: 444.4/19

Left In: -24.761 $\pm$ 8.475 χ^2 /NDF: 0.0/0

18.111 $\pm$ 1.126 χ^2 /NDF: 396.0/17

11.694 $\pm$ 1.073 χ^2 /NDF: 463.2/20

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -278.380+/-2.185 χ^2/NDF : 910.6/16

Left Out: -208.304+/-4.787 χ^2/NDF : 0.0/0

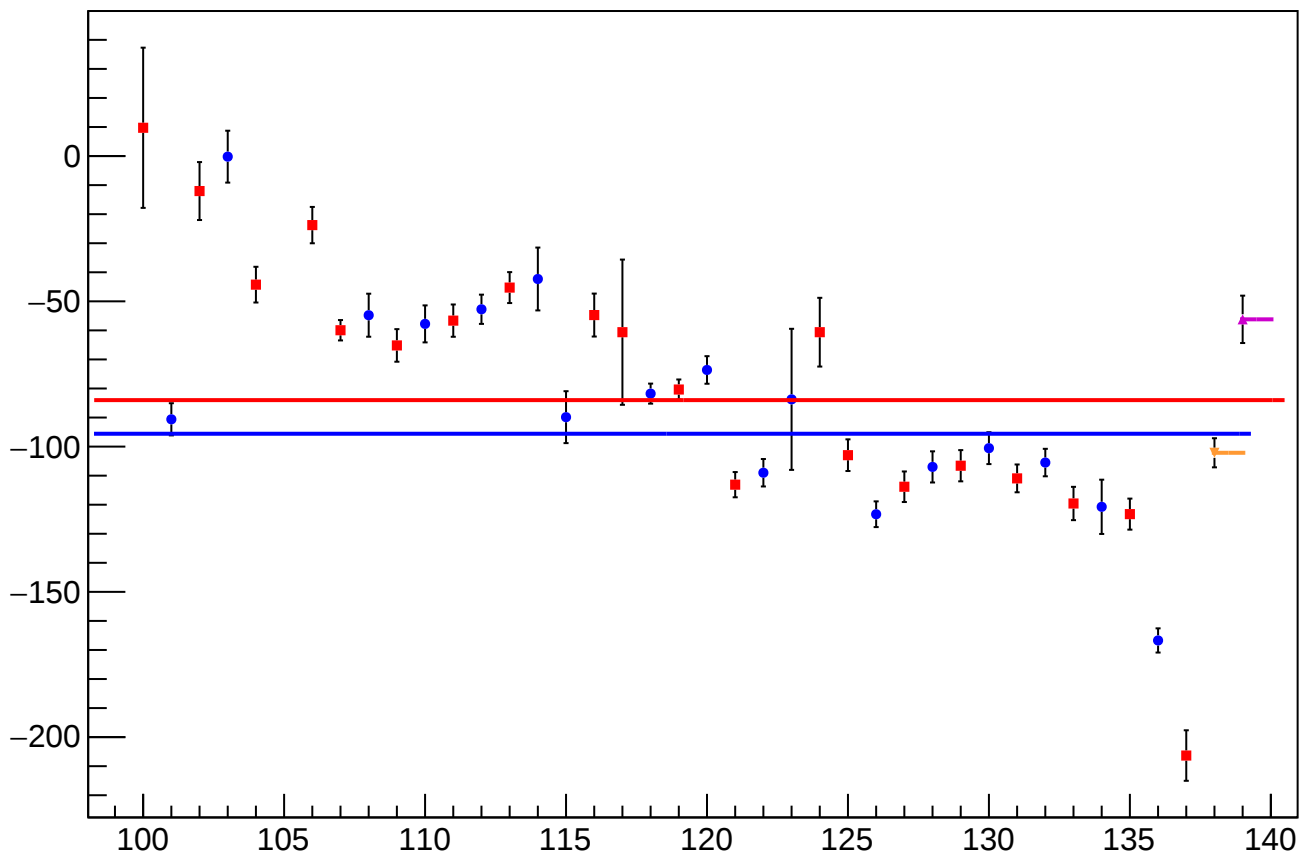
Right Out: -254.830+/-2.016 χ^2/NDF : 2041.0/19

Left In: -278.271+/-5.128 χ^2/NDF : 0.0/0

-266.301+/-1.988 χ^2/NDF : 1087.9/17

-257.969+/-1.876 χ^2/NDF : 2059.1/20

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -95.576 $\pm$ 1.340 χ^2 /NDF: 671.2/16

Left Out: -102.130 $\pm$ 5.012 χ^2 /NDF:0.0/0

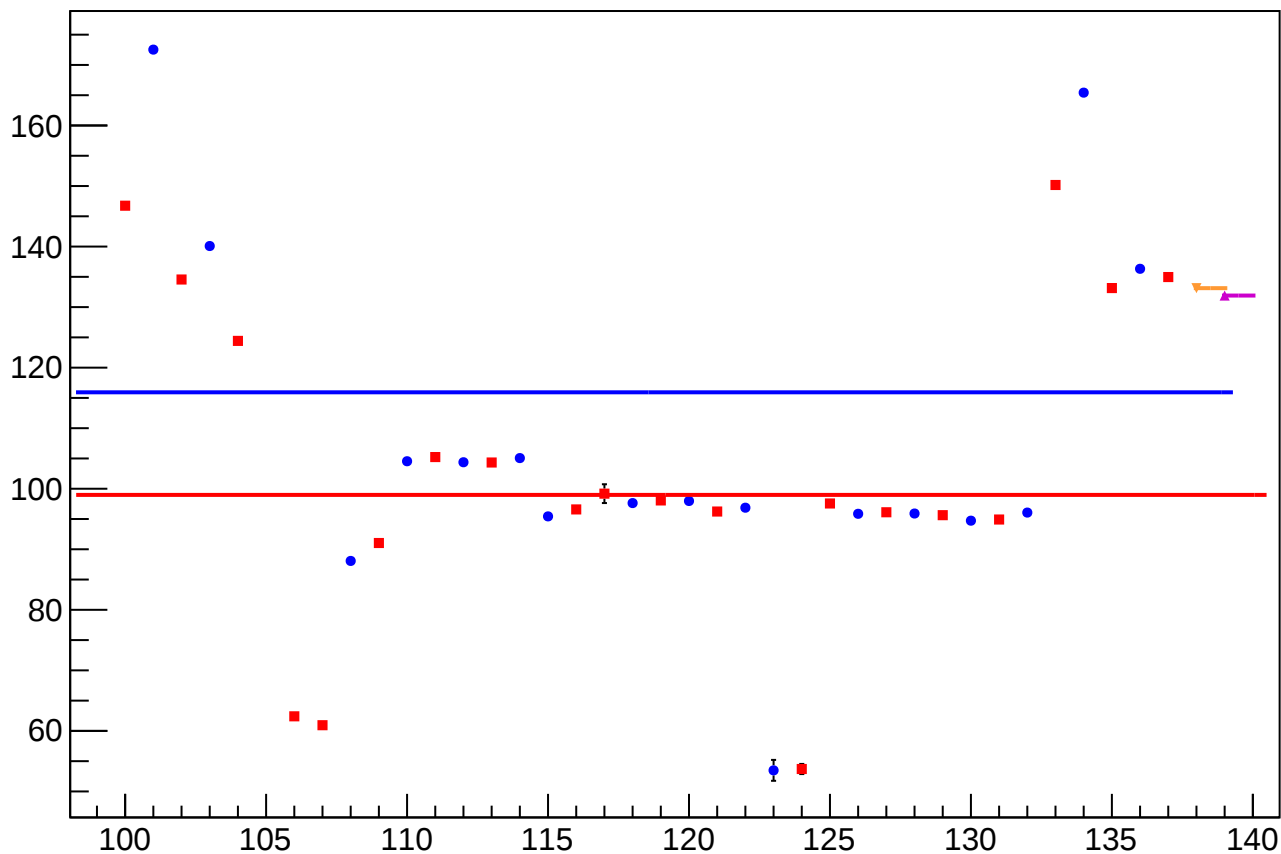
Right Out: -84.003 $\pm$ 1.255 χ^2 /NDF: 784.1/19

Left In: -56.198 $\pm$ 8.154 χ^2 /NDF:0.0/0

-96.014 $\pm$ 1.295 χ^2 /NDF: 672.8/17

-83.360 $\pm$ 1.241 χ^2 /NDF: 795.4/20

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 115.927+/-0.078 χ^2/NDF : 105791.4/16

Left Out: 133.130+/-0.190 χ^2/NDF : 0.0/0

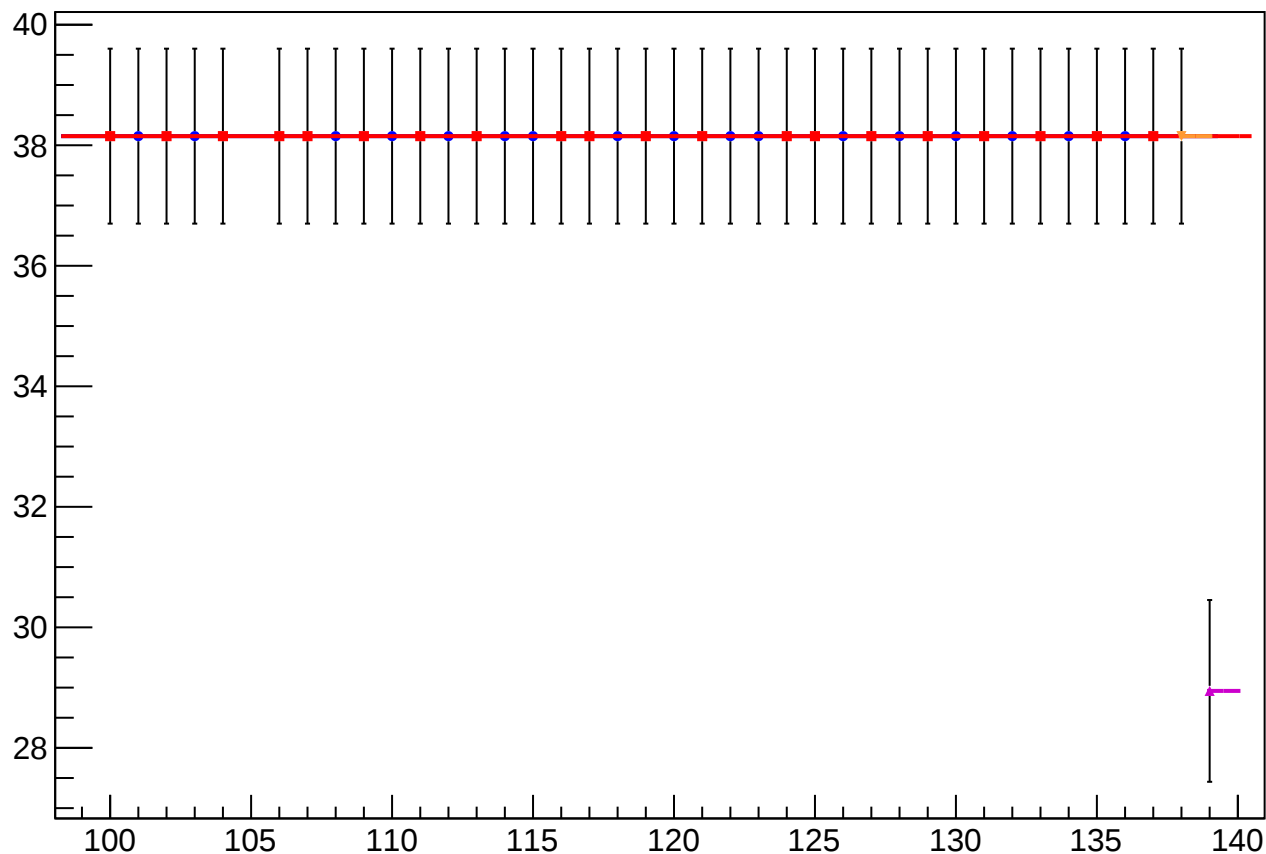
Right Out: 98.982+/-0.068 χ^2/NDF : 172974.2/19

Left In: 131.909+/-0.180 χ^2/NDF : 0.0/0

118.425+/-0.073 χ^2/NDF : 112779.4/17

103.136+/-0.064 χ^2/NDF : 202140.9/20

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



Right In: 38.151 $\pm$ 0.352 χ^2 /NDF: 0.0/16

Left Out: 38.151 $\pm$ 1.452 χ^2 /NDF:0.0/0

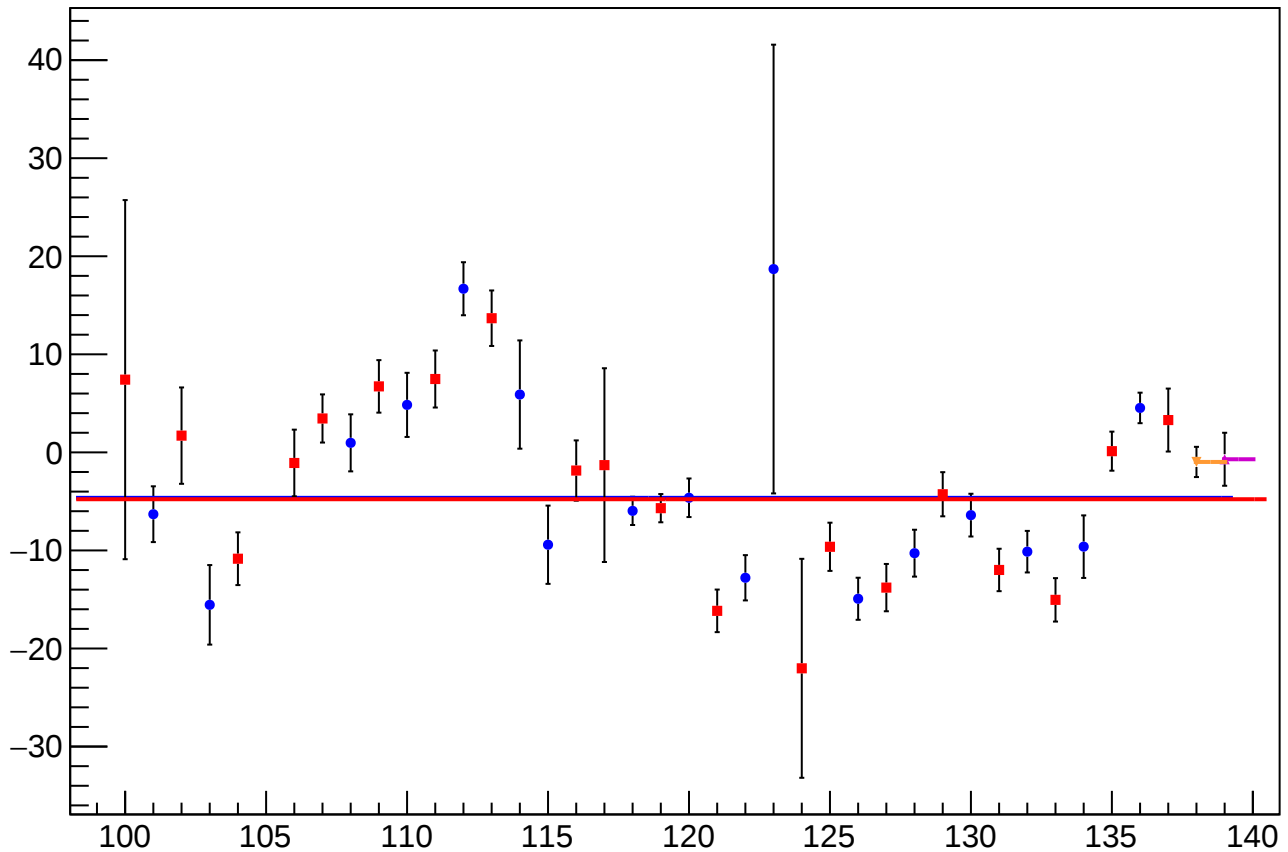
Right Out: 38.151 $\pm$ 0.325 χ^2 /NDF: 0.0/19

Left In: 28.945 $\pm$ 1.508 χ^2 /NDF:0.0/0

38.151 $\pm$ 0.342 χ^2 /NDF: 0.0/17

37.744 $\pm$ 0.317 χ^2 /NDF: 35.6/20

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -4.637 $\pm$ 0.588 χ^2 /NDF: 174.4/16

Left Out: -0.976 $\pm$ 1.541 χ^2 /NDF: 0.0/0

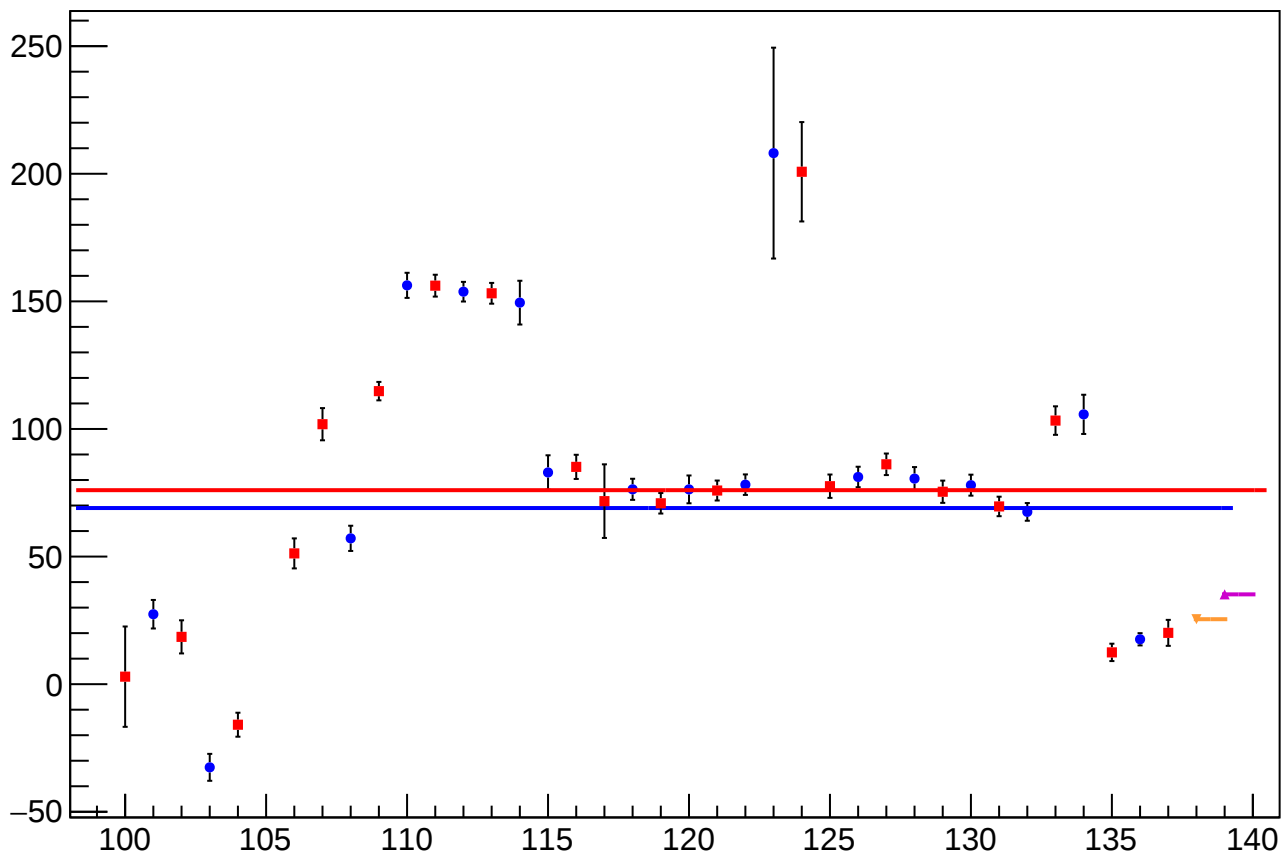
Right Out: -4.779 $\pm$ 0.583 χ^2 /NDF: 192.7/19

Left In: -0.702 $\pm$ 2.702 χ^2 /NDF: 0.0/0

-4.172 $\pm$ 0.549 χ^2 /NDF: 179.4/17

-4.597 $\pm$ 0.570 χ^2 /NDF: 194.8/20

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug



Right In: 69.019+/-1.083 χ^2/NDF : 1848.0/16

Left Out: 25.458+/-1.575 χ^2/NDF : 0.0/0

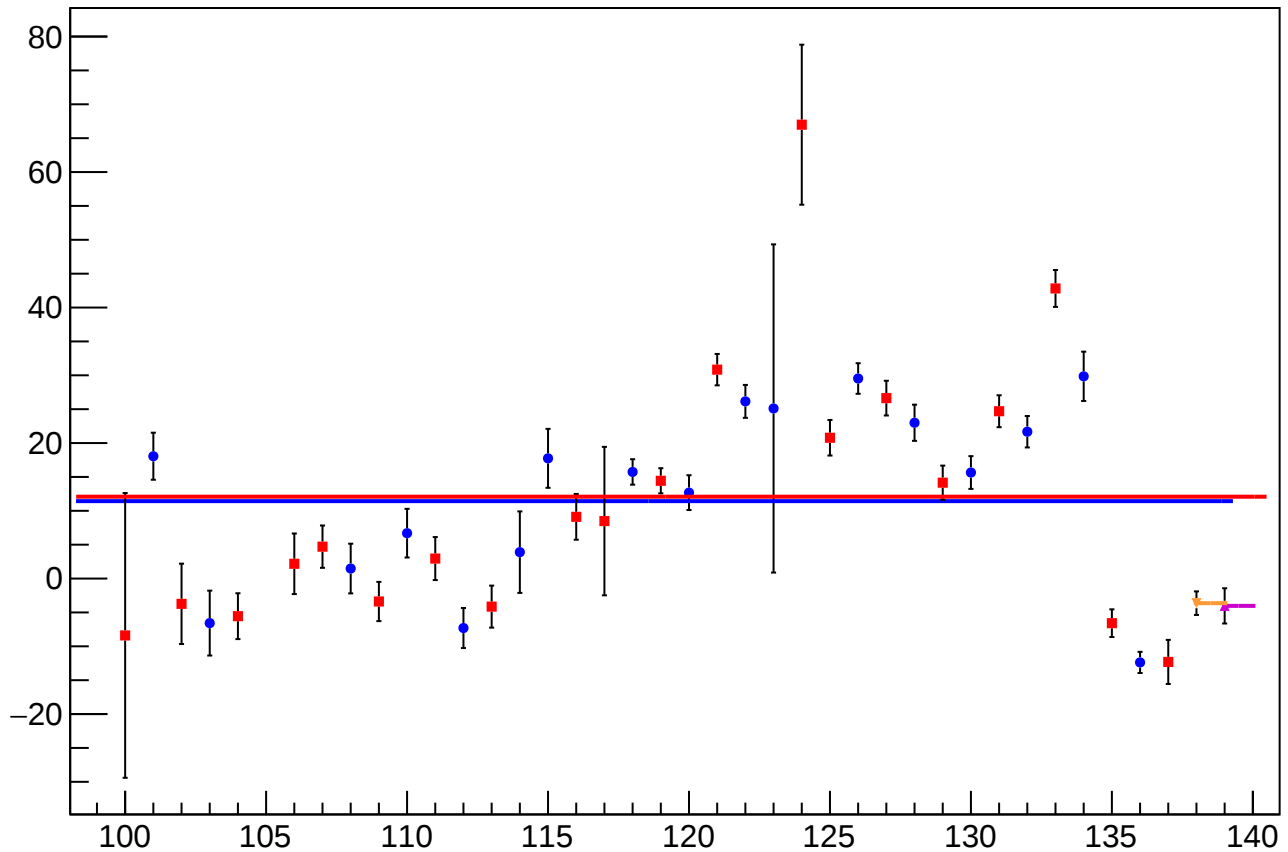
Right Out: 76.017+/-1.067 χ^2/NDF : 1882.0/19

Left In: 35.190+/-1.634 χ^2/NDF : 0.0/0

55.021+/-0.893 χ^2/NDF : 2367.5/17

63.817+/-0.893 χ^2/NDF : 2319.5/20

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 11.428 $\pm$ 0.665 χ^2 /NDF: 476.8/16

Left Out: -3.632 $\pm$ 1.738 χ^2 /NDF: 0.0/0

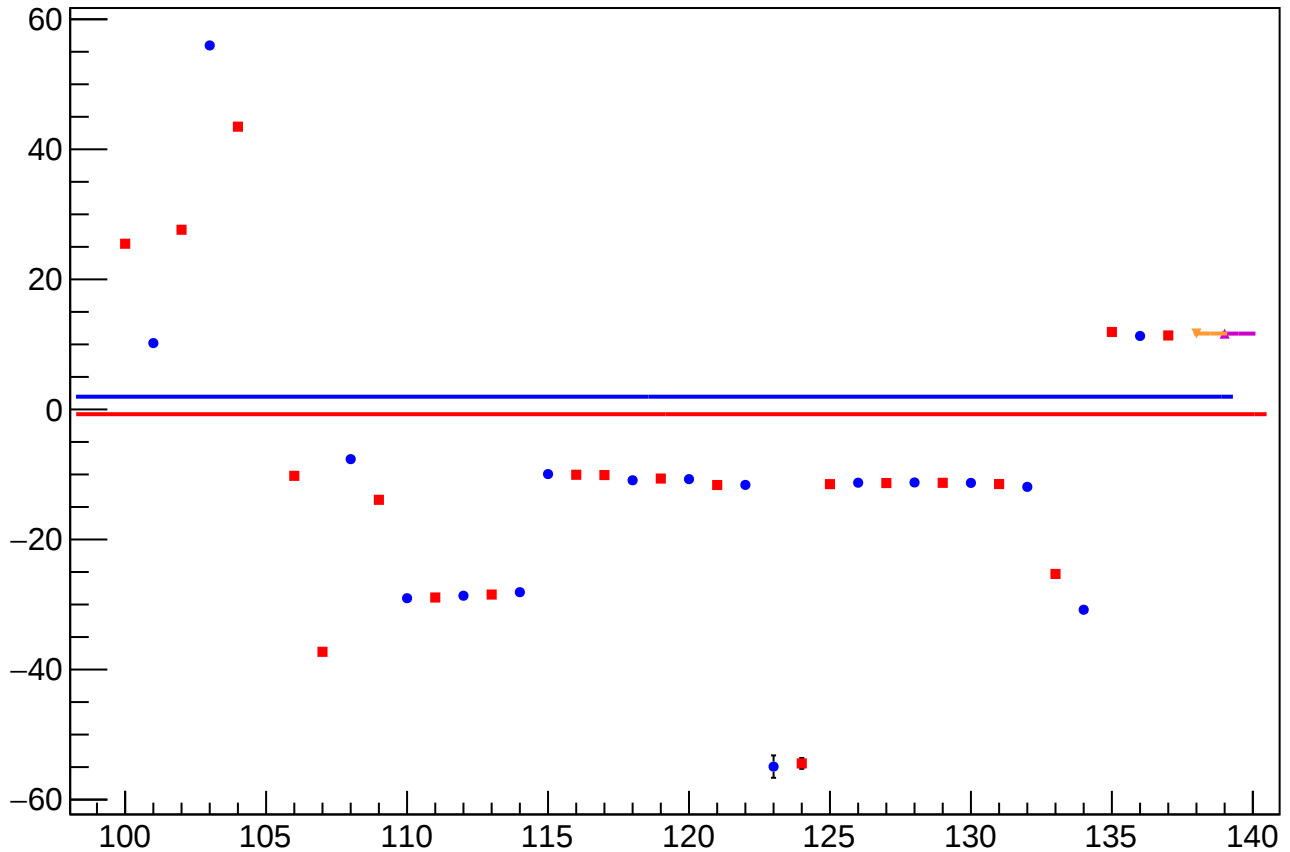
Right Out: 12.082 $\pm$ 0.663 χ^2 /NDF: 539.2/19

Left In: -4.030 $\pm$ 2.600 χ^2 /NDF: 0.0/0

9.503 $\pm$ 0.621 χ^2 /NDF: 542.2/17

11.099 $\pm$ 0.642 χ^2 /NDF: 575.3/20

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: 1.960+/-0.037 χ^2/NDF : 358457.0/16

Left Out: 11.673+/-0.061 χ^2/NDF : 0.0/0

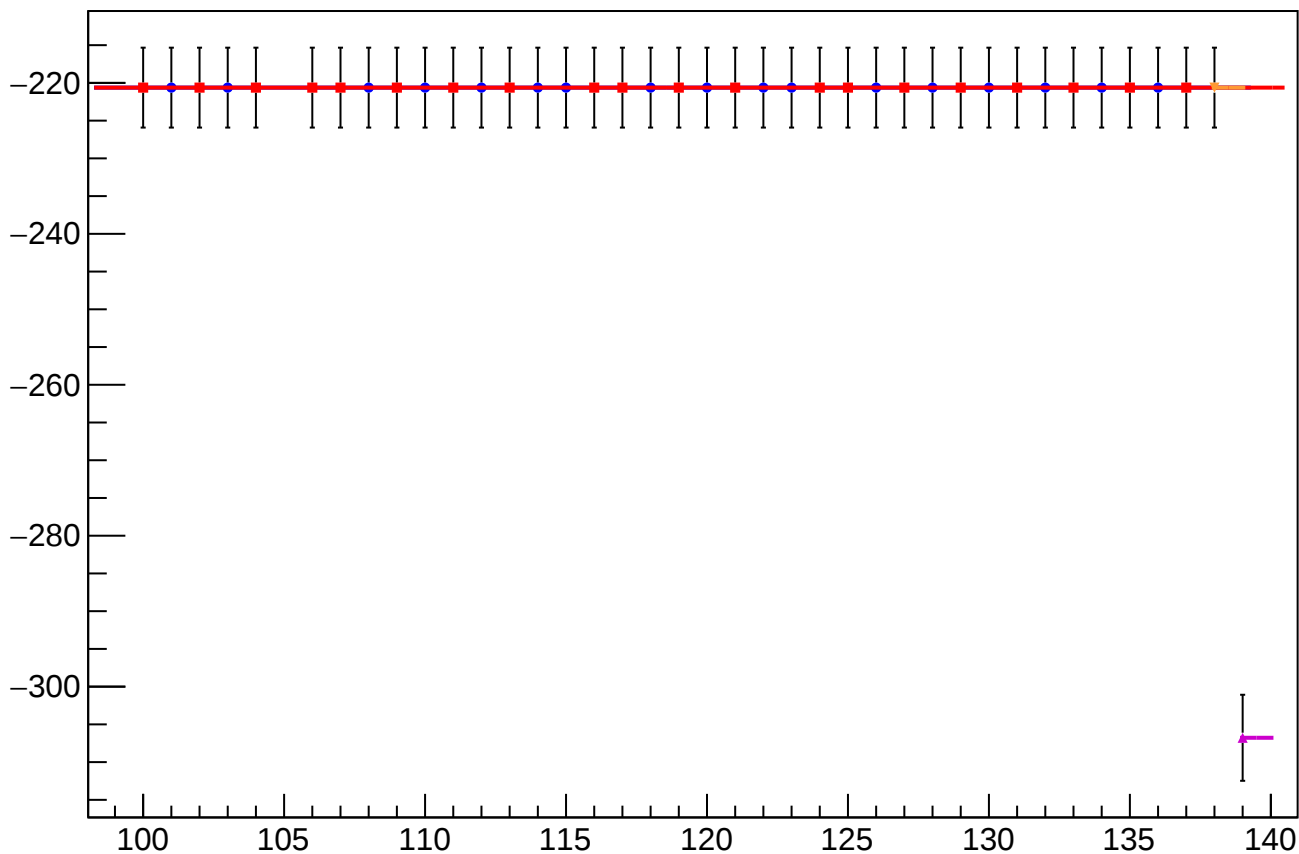
Right Out: -0.733+/-0.037 χ^2/NDF : 361368.4/19

Left In: 11.661+/-0.057 χ^2/NDF : 0.0/0

4.569+/-0.032 χ^2/NDF : 376822.7/17

2.912+/-0.031 χ^2/NDF : 394263.5/20

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -220.625+/-1.284 χ^2/NDF : 0.0/16

Left Out: -220.625+/-5.294 χ^2/NDF : 0.0/0

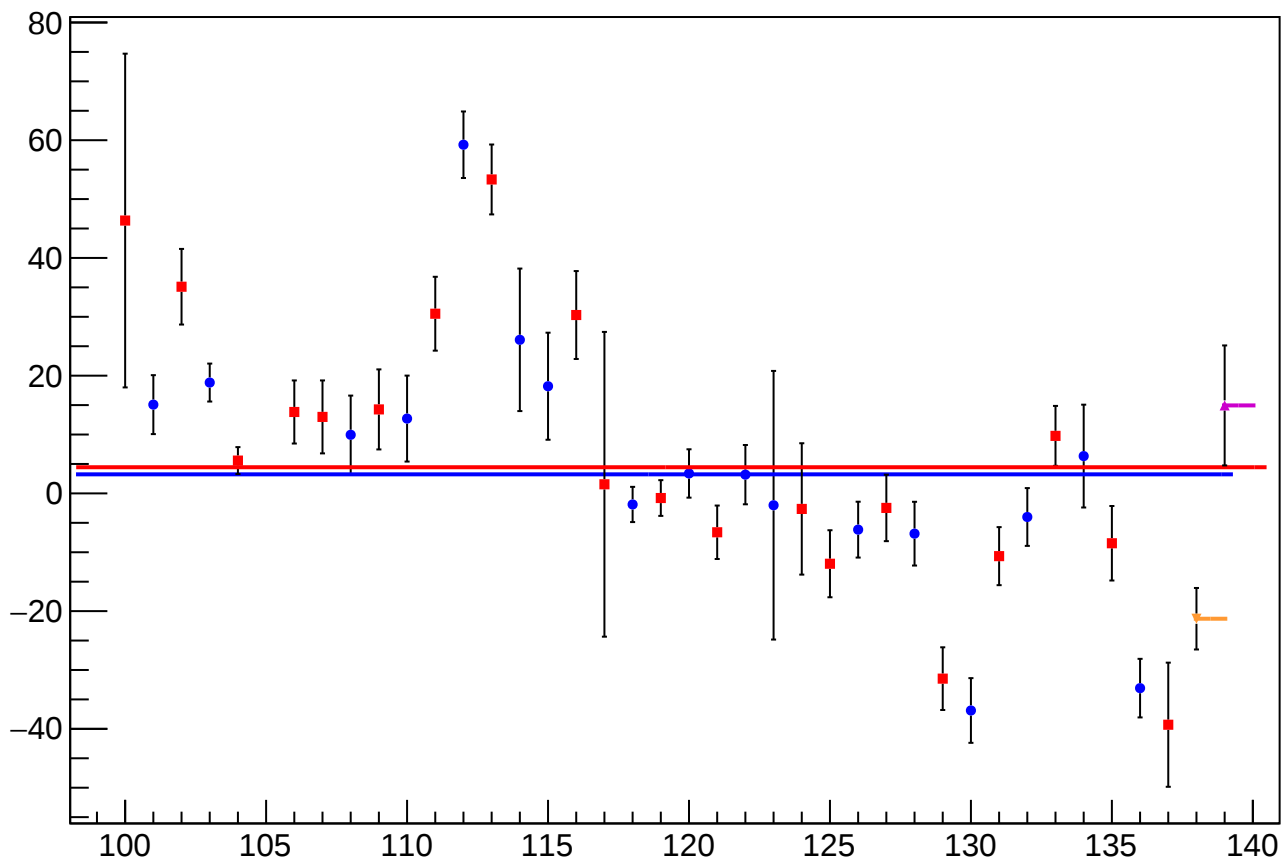
Right Out: -220.625+/-1.184 χ^2/NDF : 0.0/19

Left In: -306.776+/-5.700 χ^2/NDF : 0.0/0

-220.625+/-1.248 χ^2/NDF : 0.0/17

-224.187+/-1.159 χ^2/NDF : 219.0/20

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 3.237 $\pm$ 1.244 χ^2/NDF : 255.3/16

Left Out: -21.292 $\pm$ 5.225 χ^2/NDF : 0.0/0

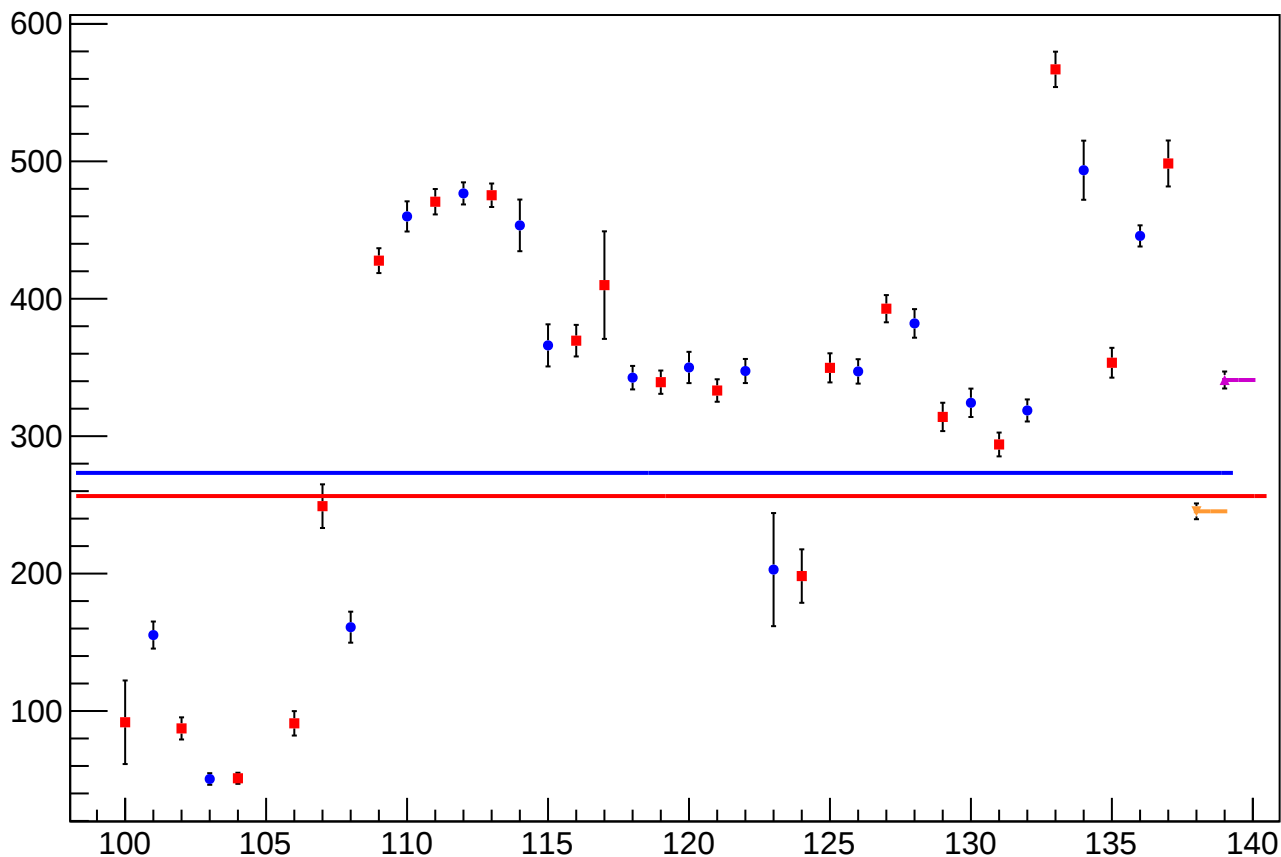
Right Out: 4.444 $\pm$ 1.156 χ^2/NDF : 225.8/19

Left In: 14.946 $\pm$ 10.190 χ^2/NDF : 0.0/0

1.922 $\pm$ 1.210 χ^2/NDF : 276.1/17

4.577 $\pm$ 1.149 χ^2/NDF : 226.8/20

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 273.276 $\pm$ 2.205 χ^2/NDF : 5101.5/16

Left Out: 245.312 $\pm$ 5.739 χ^2/NDF : 0.0/0

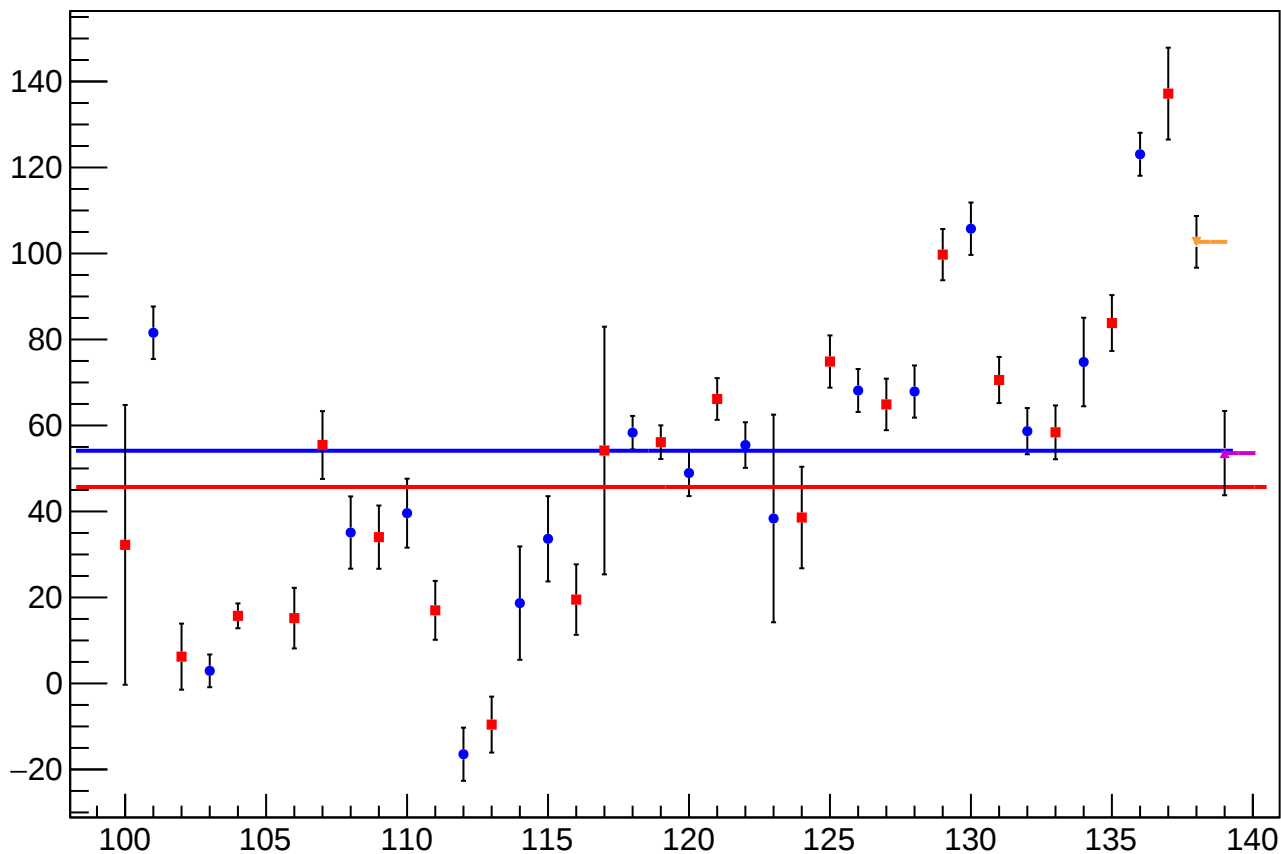
Right Out: 256.418 $\pm$ 2.077 χ^2/NDF : 6453.9/19

Left In: 340.876 $\pm$ 6.179 χ^2/NDF : 0.0/0

269.680 $\pm$ 2.058 χ^2/NDF : 5122.2/17

264.991 $\pm$ 1.969 χ^2/NDF : 6621.7/20

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 54.119+/-1.438 χ^2/NDF : 633.9/16

Left Out: 102.703+/-6.015 χ^2/NDF : 0.0/0

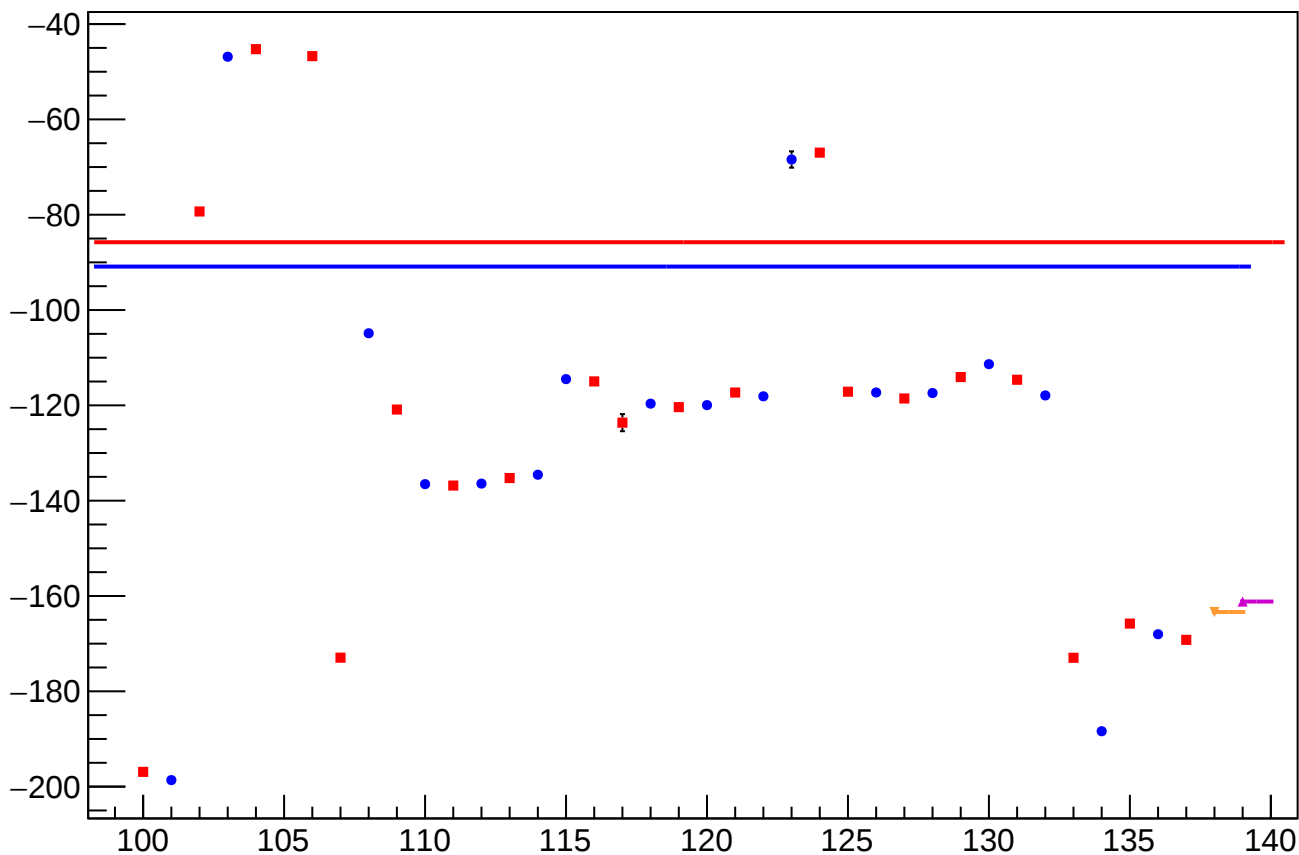
Right Out: 45.694+/-1.356 χ^2/NDF : 531.1/19

Left In: 53.568+/-9.802 χ^2/NDF : 0.0/0

56.745+/-1.398 χ^2/NDF : 695.6/17

45.842+/-1.343 χ^2/NDF : 531.7/20

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -90.881+/-0.068 χ^2/NDF : 533423.8/16

Left Out: -163.364+/-0.228 χ^2/NDF : 0.0/0

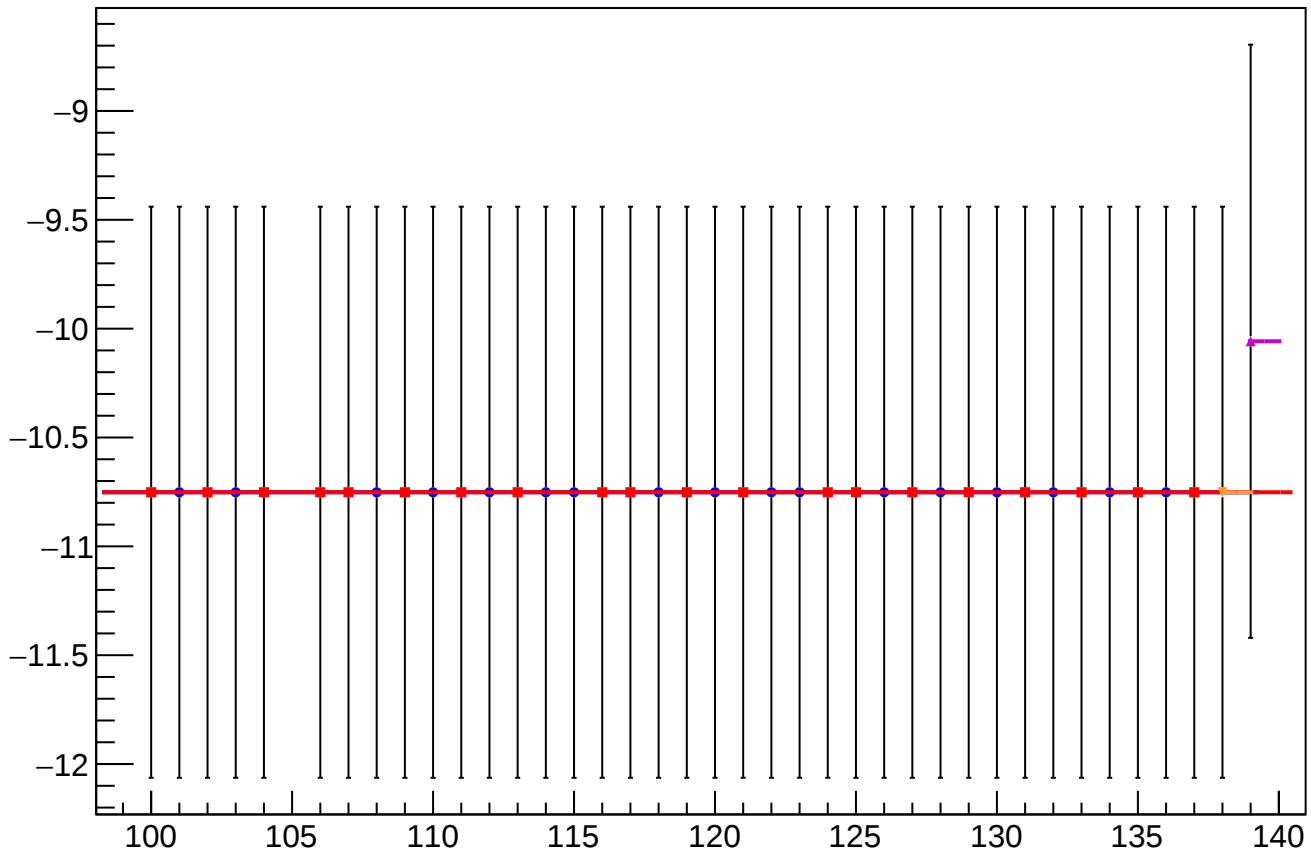
Right Out: -85.772+/-0.065 χ^2/NDF : 494629.5/19

Left In: -161.168+/-0.217 χ^2/NDF : 0.0/0

-96.763+/-0.065 χ^2/NDF : 626284.7/17

-92.008+/-0.062 χ^2/NDF : 605843.1/20

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



Right In: -10.752 $\pm$ 0.318 χ^2 /NDF: 0.0/16

Left Out: -10.752 $\pm$ 1.312 χ^2 /NDF: 0.0/0

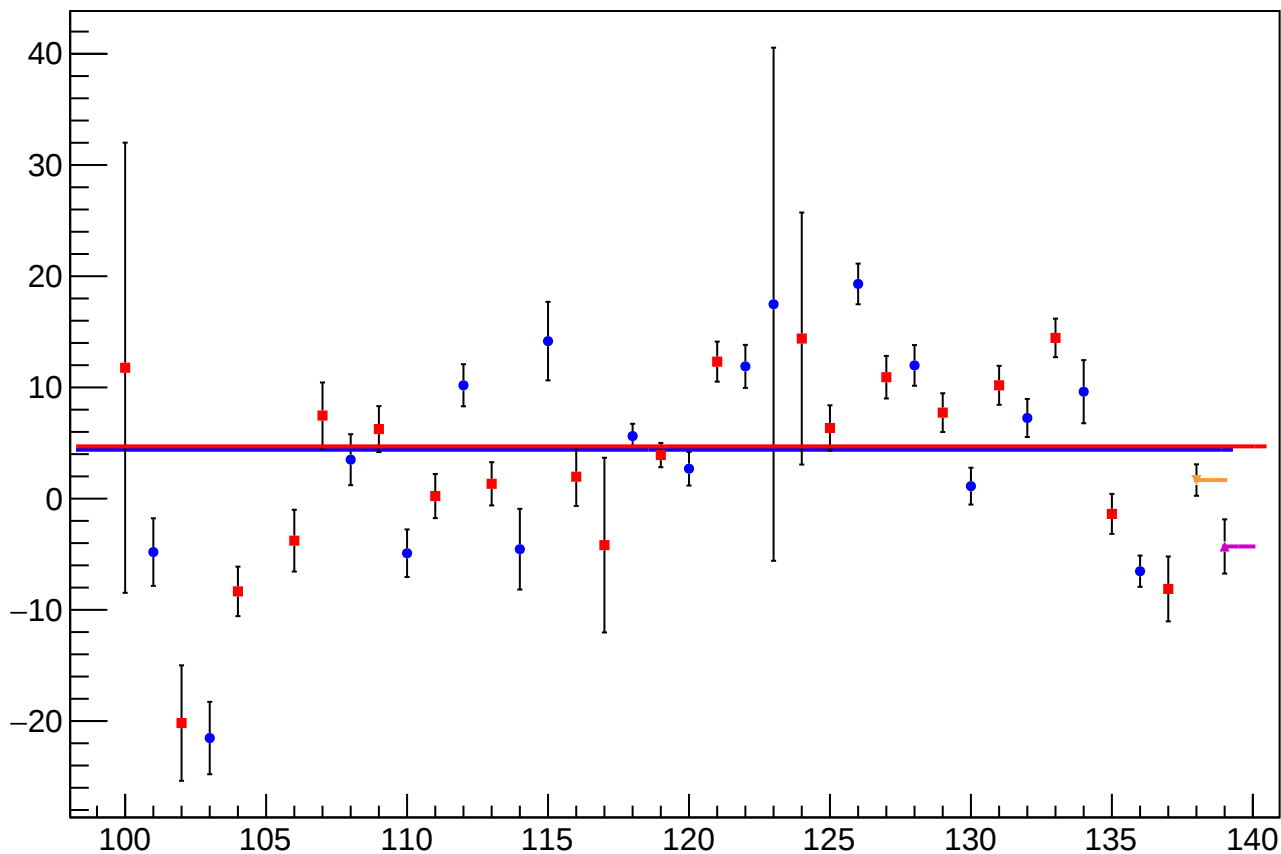
Right Out: -10.752 $\pm$ 0.293 χ^2 /NDF: 0.0/19

Left In: -10.058 $\pm$ 1.362 χ^2 /NDF: 0.0/0

-10.752 $\pm$ 0.309 χ^2 /NDF: 0.0/17

-10.721 $\pm$ 0.287 χ^2 /NDF: 0.2/20

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 4.399+/-0.471 χ^2/NDF : 286.8/16

Left Out: 1.671+/-1.415 χ^2/NDF : 0.0/0

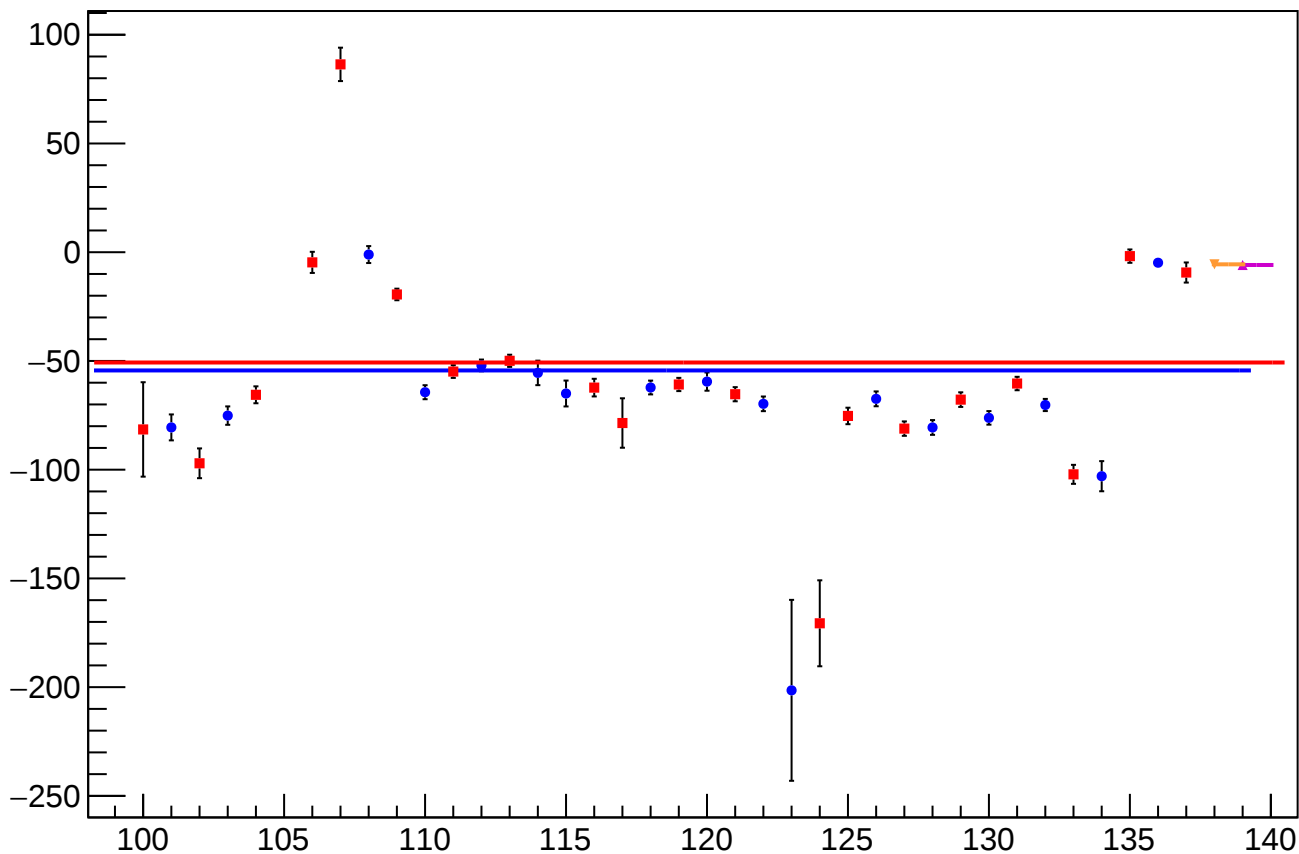
Right Out: 4.700+/-0.472 χ^2/NDF : 184.2/19

Left In: -4.300+/-2.439 χ^2/NDF : 0.0/0

4.127+/-0.447 χ^2/NDF : 290.2/17

4.374+/-0.464 χ^2/NDF : 197.3/20

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -54.365+/-0.868 χ^2/NDF : 1013.5/16

Left Out: -5.570+/-1.423 χ^2/NDF : 0.0/0

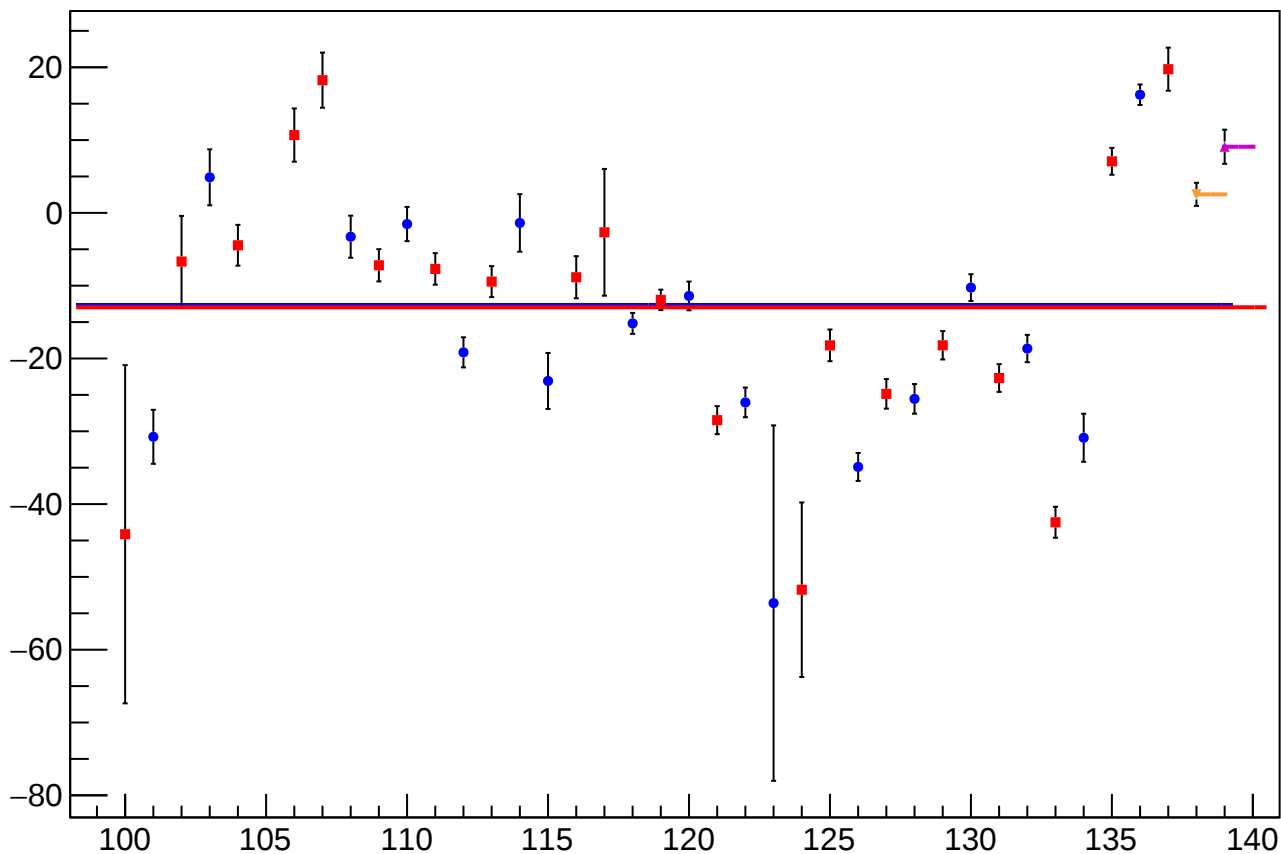
Right Out: -50.712+/-0.855 χ^2/NDF : 1327.3/19

Left In: -5.873+/-1.477 χ^2/NDF : 0.0/0

-41.127+/-0.741 χ^2/NDF : 1870.3/17

-39.451+/-0.740 χ^2/NDF : 2017.9/20

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -12.648 ± 0.536 χ^2/NDF : 788.4/16

Left Out: 2.545 ± 1.589 χ^2/NDF : 0.0/0

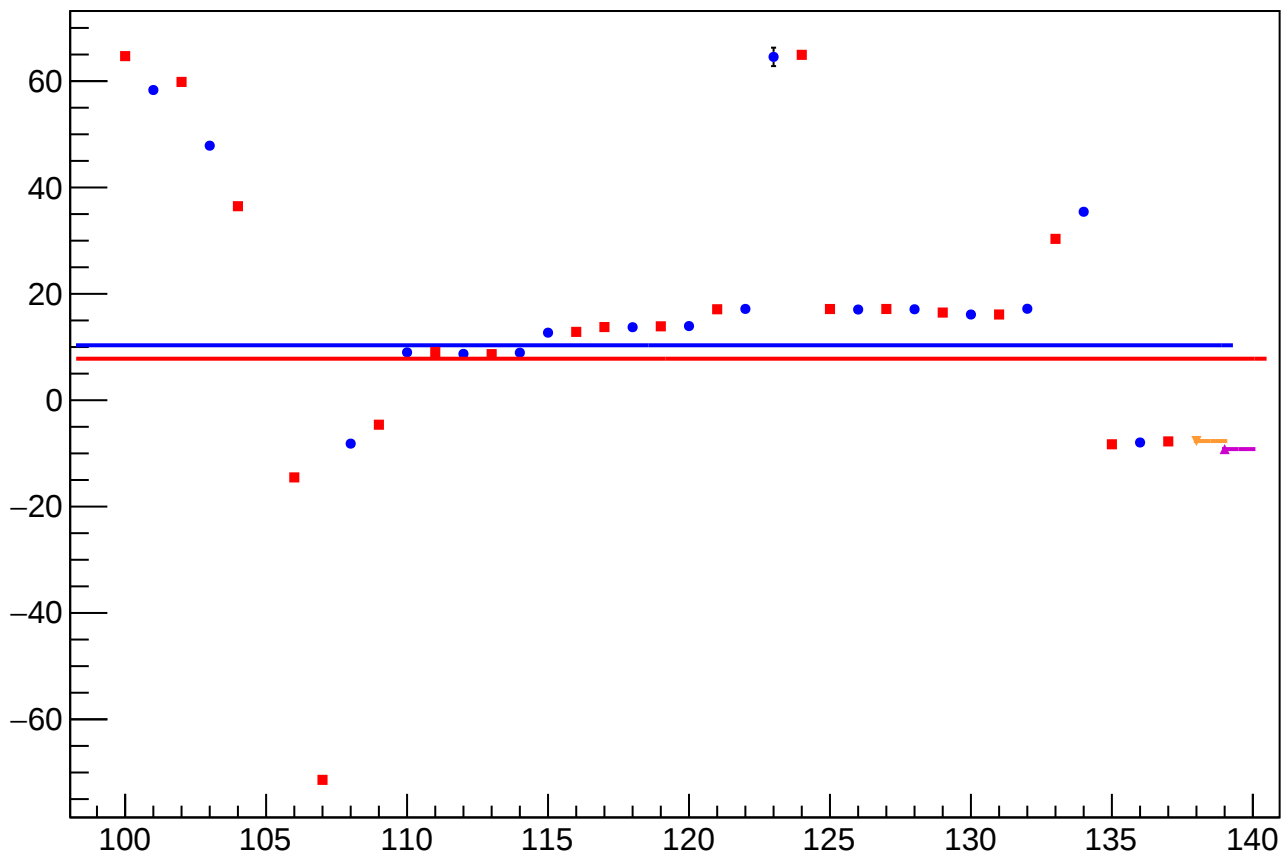
Right Out: -12.965 ± 0.536 χ^2/NDF : 722.8/19

Left In: 9.084 ± 2.346 χ^2/NDF : 0.0/0

-11.094 ± 0.508 χ^2/NDF : 870.5/17

-11.870 ± 0.523 χ^2/NDF : 806.8/20

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 10.330+/-0.031 χ^2/NDF : 380857.1/16

Left Out: -7.675+/-0.055 χ^2/NDF : 0.0/0

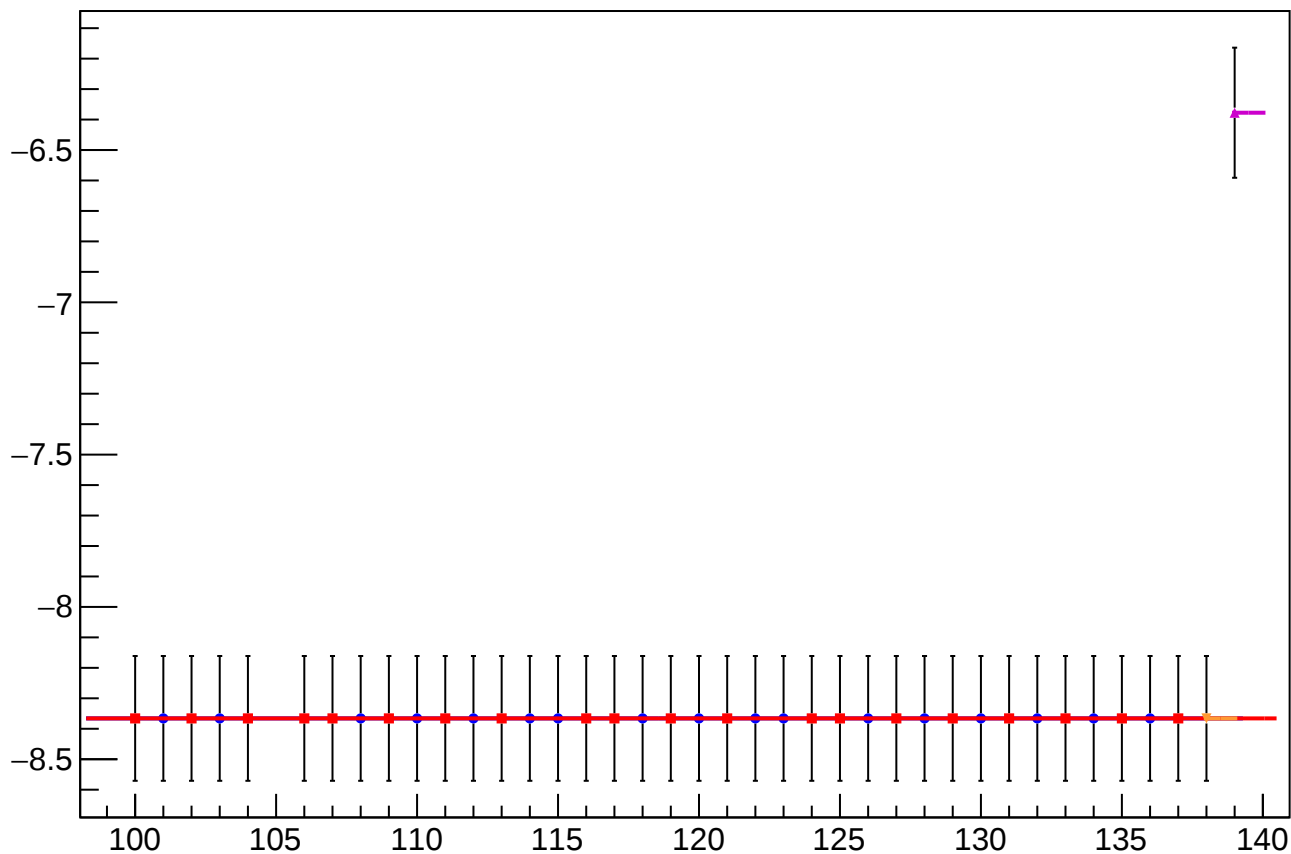
Right Out: 7.808+/-0.031 χ^2/NDF : 544249.7/19

Left In: -9.189+/-0.052 χ^2/NDF : 0.0/0

6.084+/-0.027 χ^2/NDF : 462110.4/17

3.275+/-0.027 χ^2/NDF : 623144.6/20

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



Right In: -8.366 $\pm$ 0.050 χ^2 /NDF: 0.0/16

Left Out: -8.366 $\pm$ 0.205 χ^2 /NDF: 0.0/0

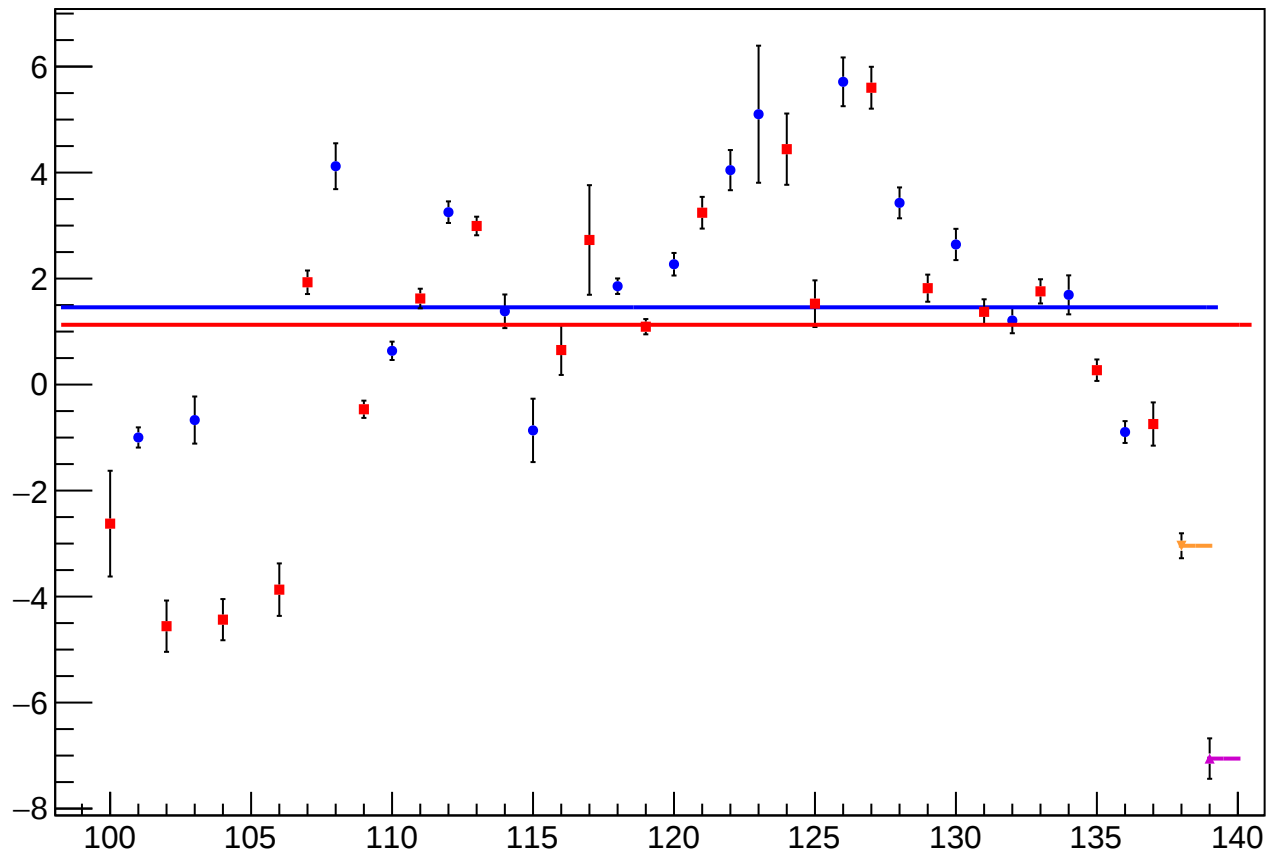
Right Out: -8.366 $\pm$ 0.046 χ^2 /NDF: 0.0/19

Left In: -6.378 $\pm$ 0.214 χ^2 /NDF: 0.0/0

-8.366 $\pm$ 0.048 χ^2 /NDF: 0.0/17

-8.279 $\pm$ 0.045 χ^2 /NDF: 82.9/20

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.458+/-0.062 χ^2/NDF : 698.2/16

Left Out: -3.041+/-0.235 χ^2/NDF : 0.0/0

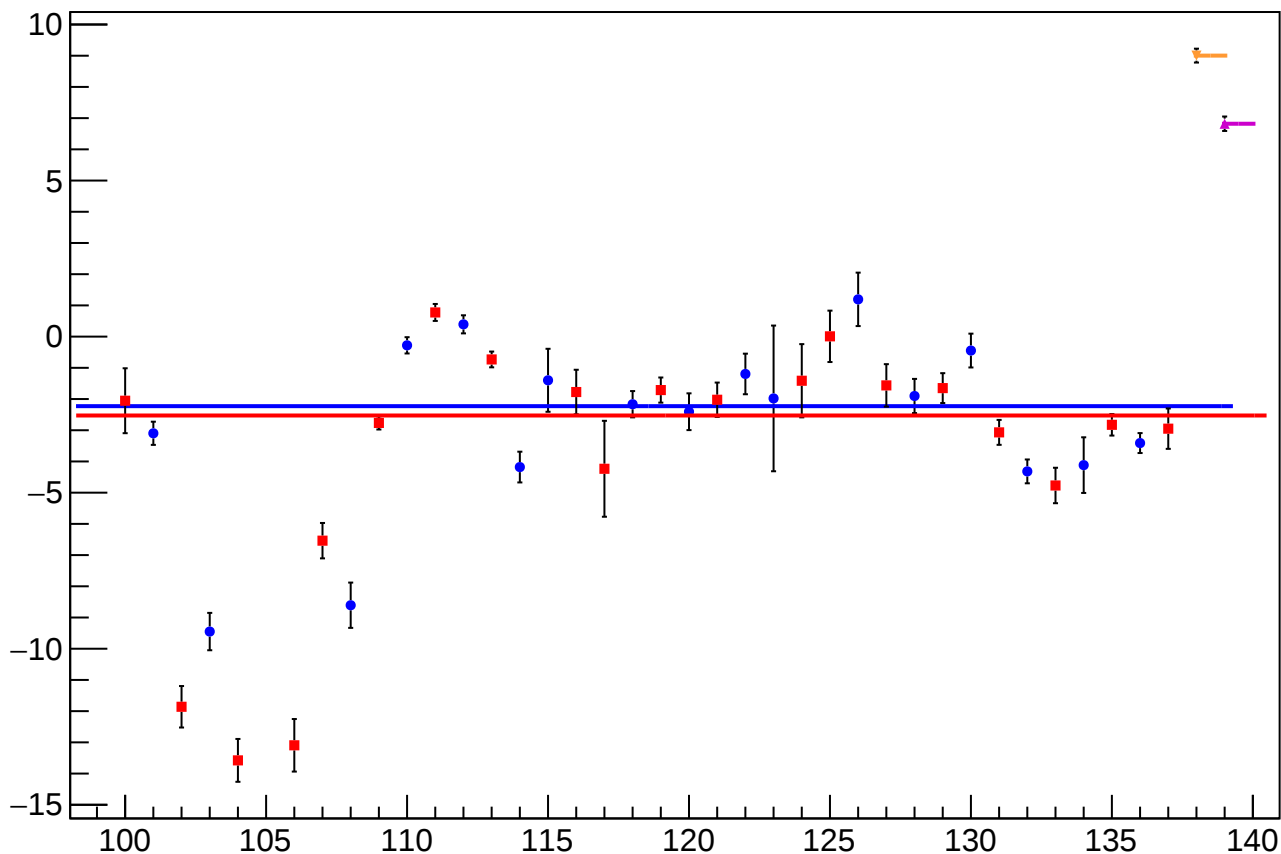
Right Out: 1.128+/-0.058 χ^2/NDF : 949.8/19

Left In: -7.057+/-0.382 χ^2/NDF : 0.0/0

1.167+/-0.060 χ^2/NDF : 1039.8/17

0.943+/-0.057 χ^2/NDF : 1399.6/20

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -2.228 ± 0.111 χ^2/NDF : 460.4/16

Left Out: 9.003 ± 0.222 χ^2/NDF : 0.0/0

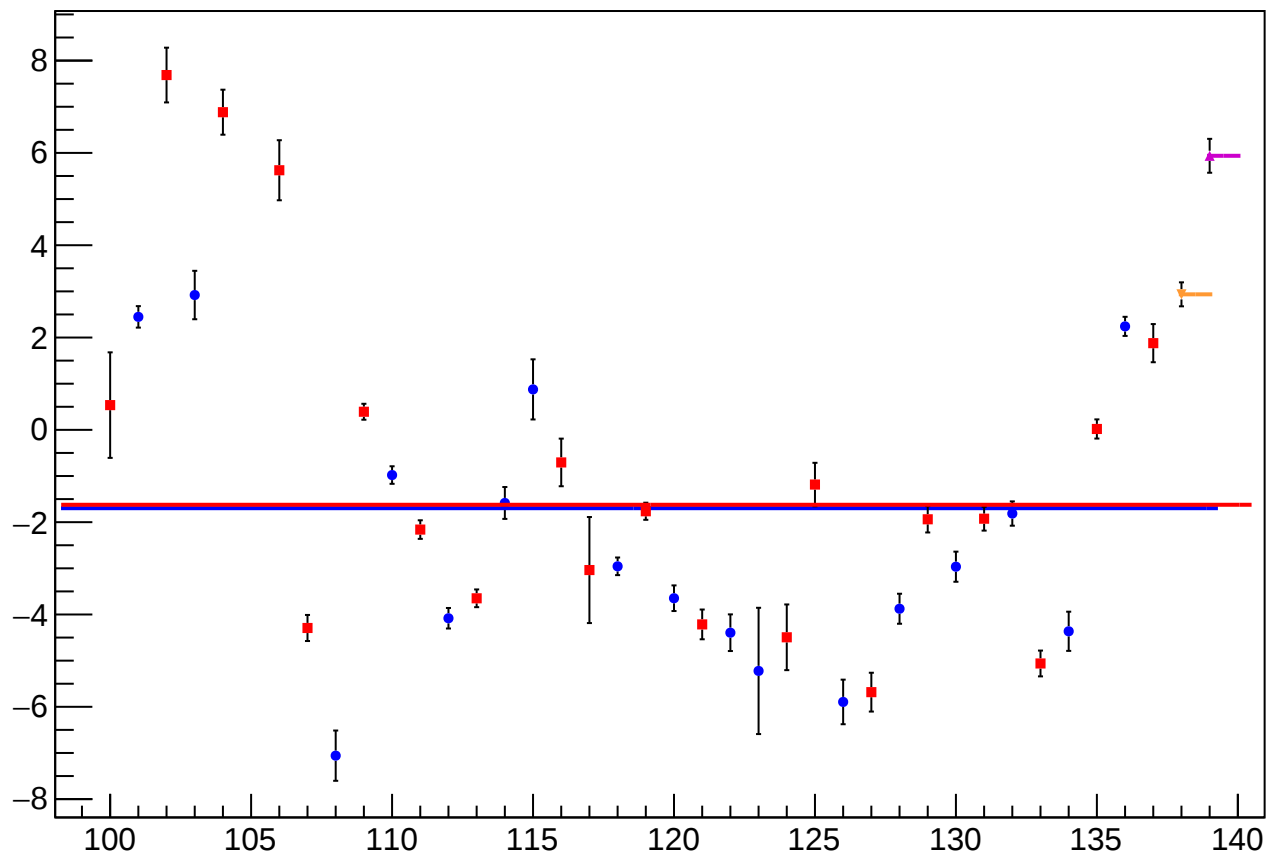
Right Out: -2.527 ± 0.099 χ^2/NDF : 905.2/19

Left In: 6.820 ± 0.231 χ^2/NDF : 0.0/0

0.020 ± 0.100 χ^2/NDF : 2499.6/17

-1.087 ± 0.091 χ^2/NDF : 2285.2/20

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.697+/-0.071 χ^2/NDF : 1319.4/16

Left Out: 2.936+/-0.260 χ^2/NDF : 0.0/0

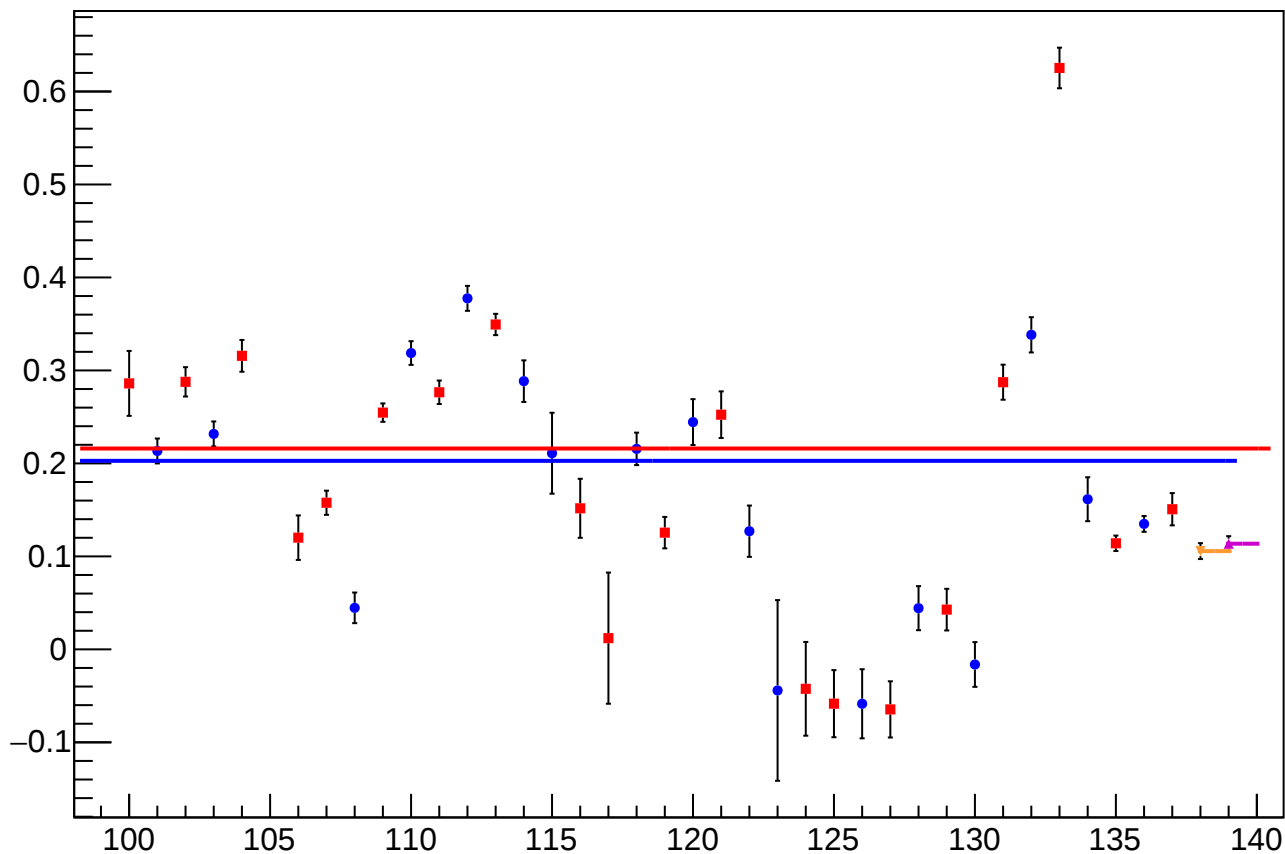
Right Out: -1.623+/-0.066 χ^2/NDF : 1490.8/19

Left In: 5.937+/-0.367 χ^2/NDF : 0.0/0

-1.374+/-0.069 χ^2/NDF : 1615.3/17

-1.389+/-0.065 χ^2/NDF : 1901.5/20

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203 $\pm$ 0.004 χ^2/NDF : 676.5/16

Left Out: 0.106 $\pm$ 0.009 χ^2/NDF : 0.0/0

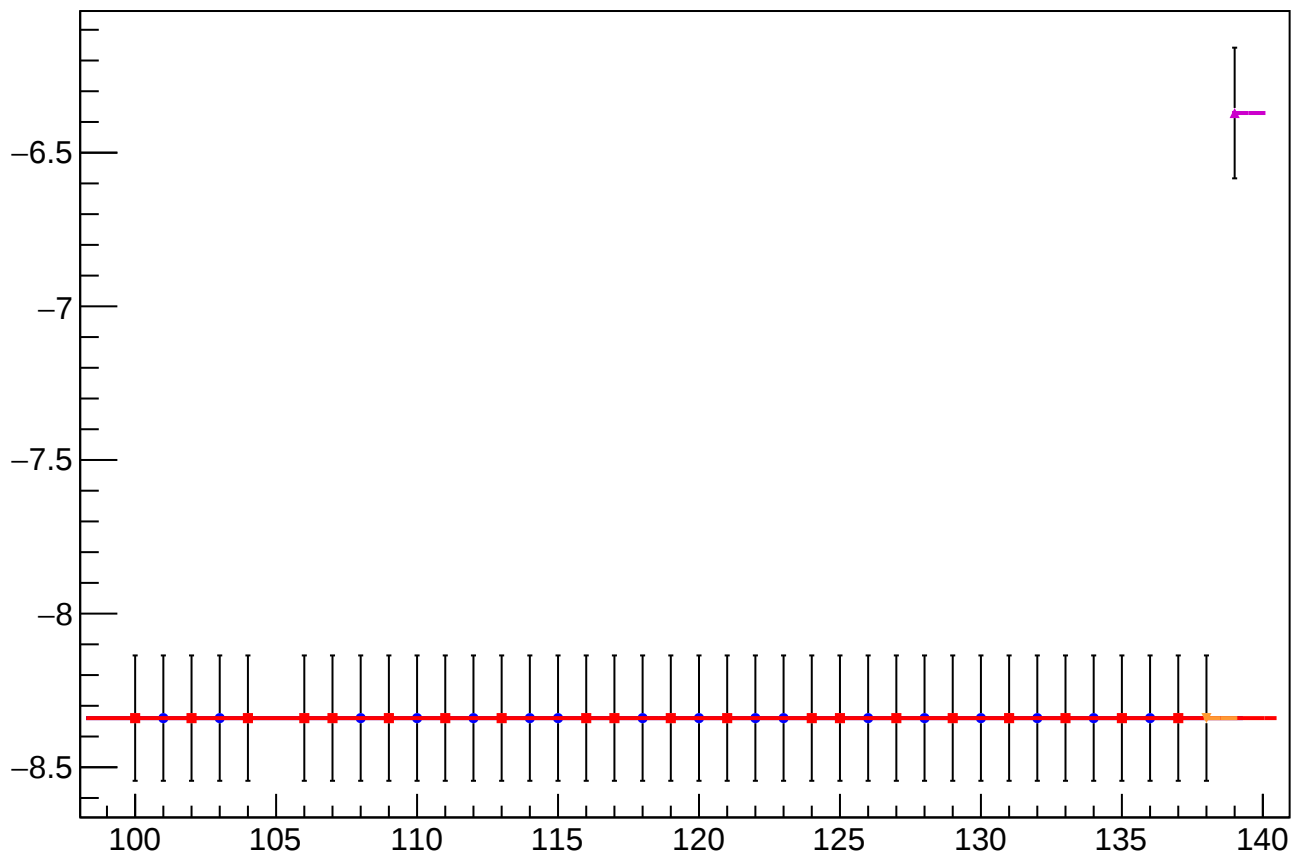
Right Out: 0.216 $\pm$ 0.004 χ^2/NDF : 1072.8/19

Left In: 0.114 $\pm$ 0.008 χ^2/NDF : 0.0/0

0.184 $\pm$ 0.004 χ^2/NDF : 781.0/17

0.198 $\pm$ 0.003 χ^2/NDF : 1204.7/20

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



Right In: -8.340 $\pm$ 0.049 χ^2 /NDF: 0.0/16

Left Out: -8.340 $\pm$ 0.204 χ^2 /NDF: 0.0/0

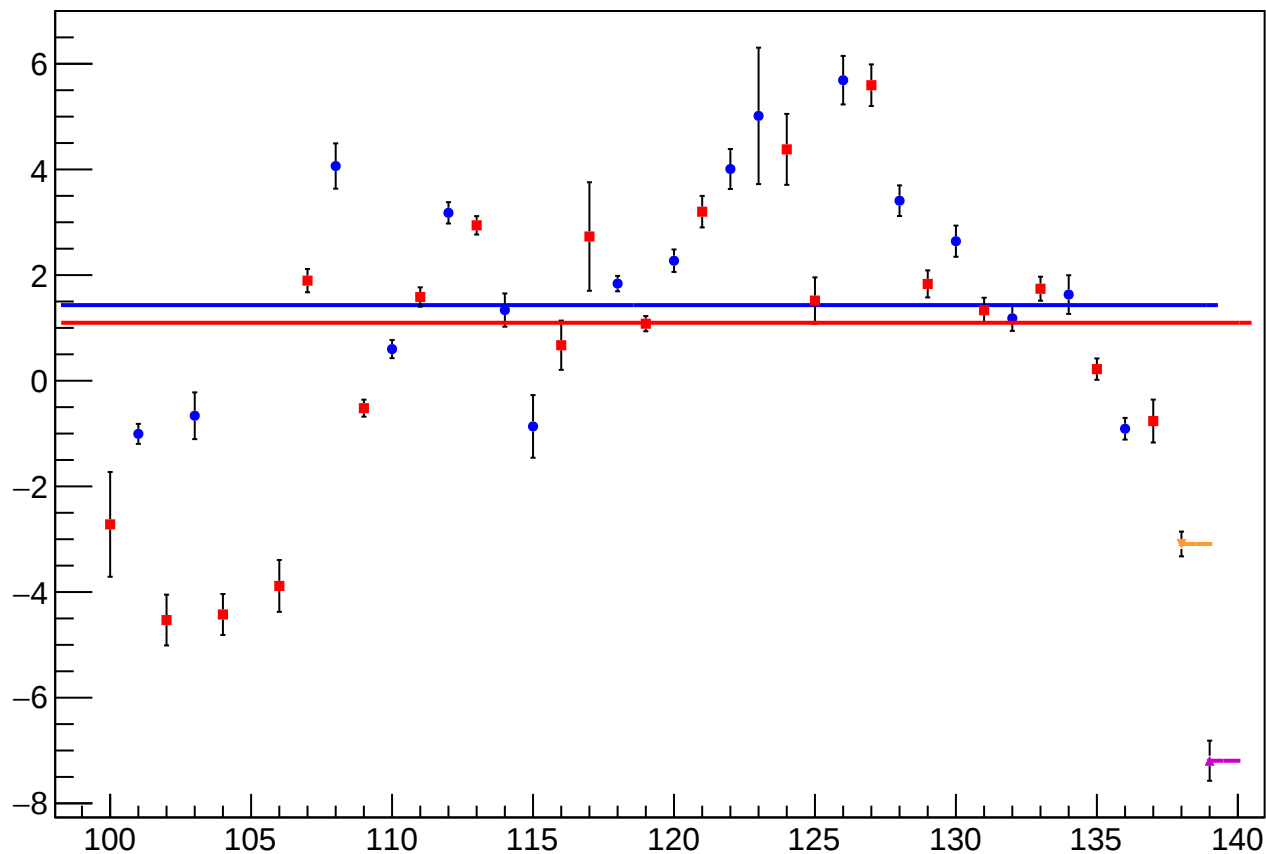
Right Out: -8.340 $\pm$ 0.046 χ^2 /NDF: 0.0/19

Left In: -6.371 $\pm$ 0.213 χ^2 /NDF: 0.0/0

-8.340 $\pm$ 0.048 χ^2 /NDF: 0.0/17

-8.253 $\pm$ 0.045 χ^2 /NDF: 82.0/20

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.432 $\pm$ 0.062 χ^2 /NDF: 696.6/16

Left Out: -3.090 $\pm$ 0.234 χ^2 /NDF: 0.0/0

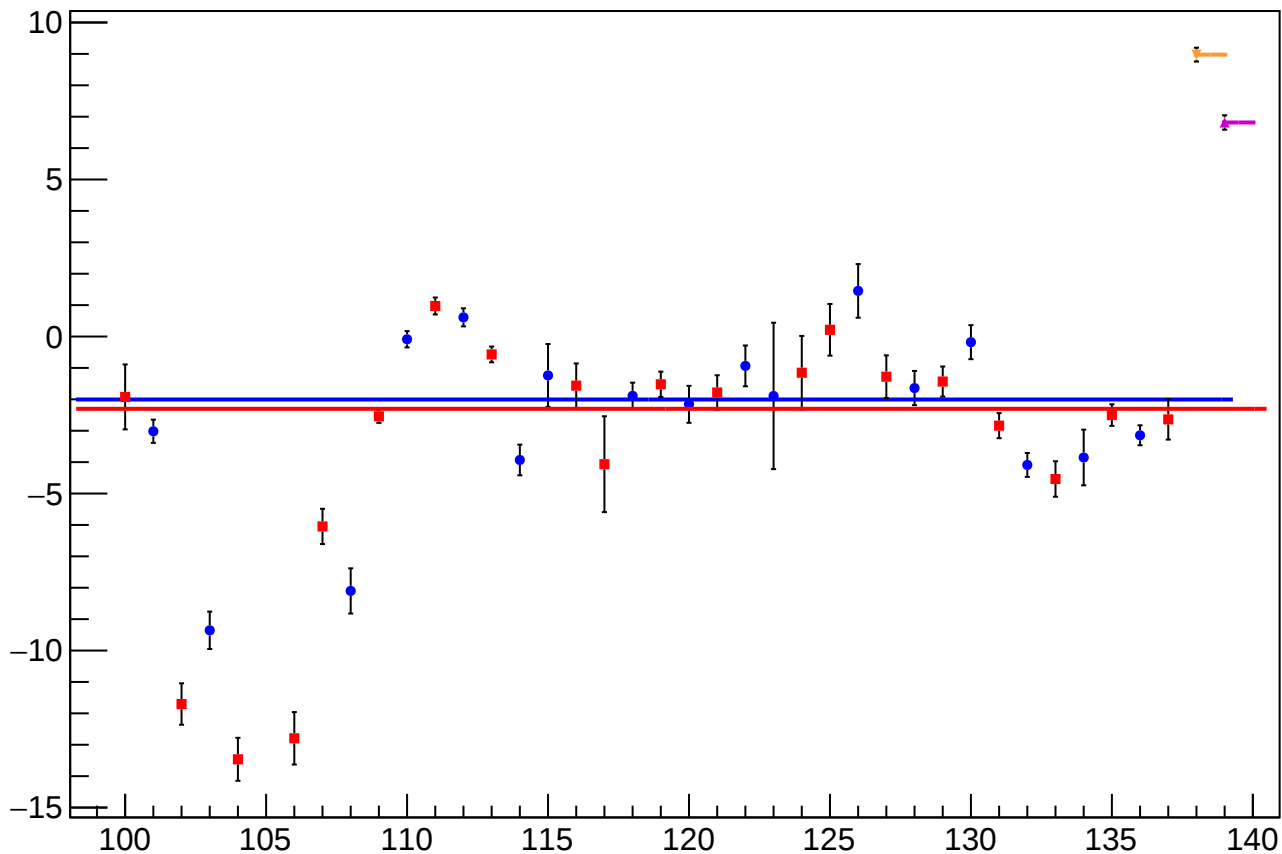
Right Out: 1.098 $\pm$ 0.058 χ^2 /NDF: 955.7/19

Left In: -7.193 $\pm$ 0.380 χ^2 /NDF: 0.0/0

1.139 $\pm$ 0.060 χ^2 /NDF: 1044.6/17

0.910 $\pm$ 0.057 χ^2 /NDF: 1421.3/20

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -2.005 ± 0.111 χ^2/NDF : 463.1/16

Left Out: 8.977 ± 0.222 χ^2/NDF : 0.0/0

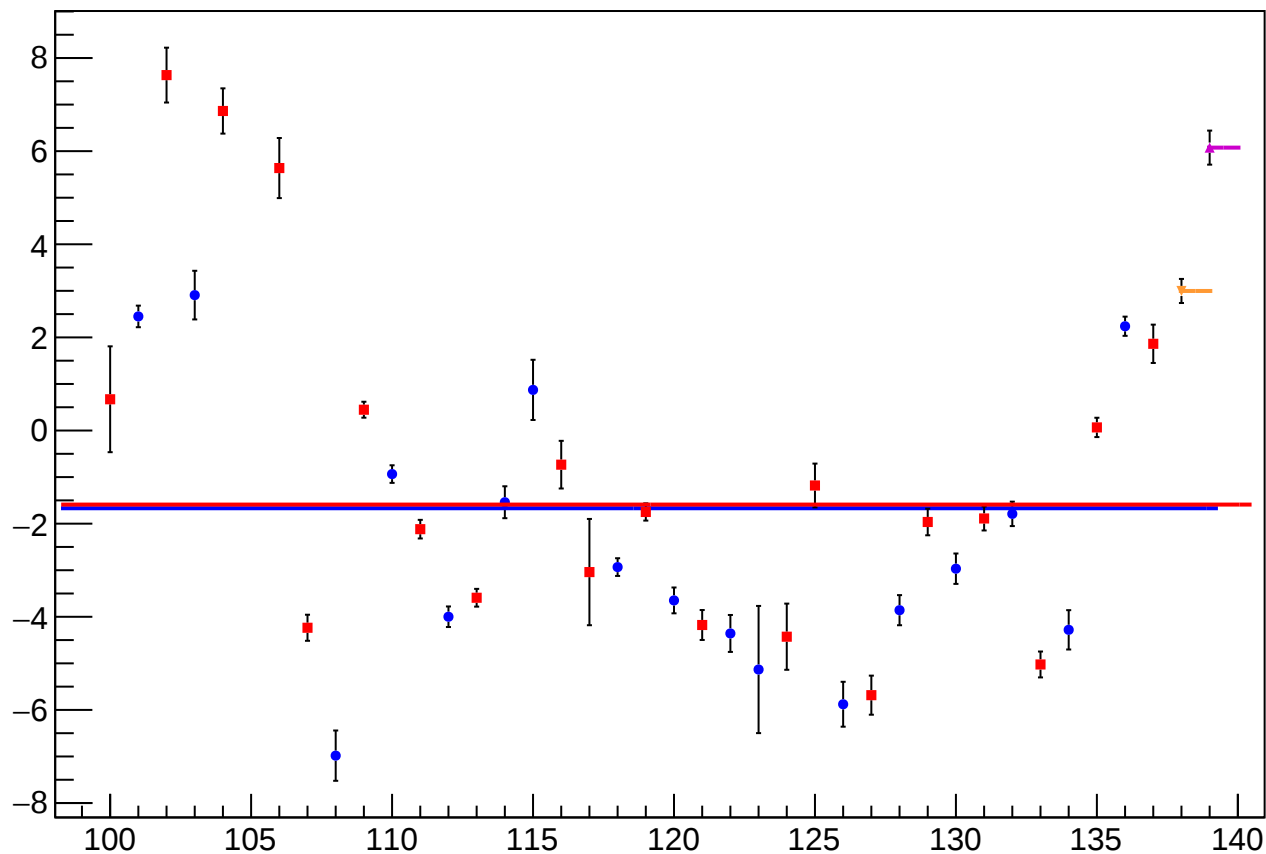
Right Out: -2.302 ± 0.098 χ^2/NDF : 908.6/19

Left In: 6.816 ± 0.230 χ^2/NDF : 0.0/0

0.190 ± 0.099 χ^2/NDF : 2429.8/17

-0.899 ± 0.090 χ^2/NDF : 2233.3/20

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.669 ± 0.071 χ^2/NDF : 1314.9/16

Left Out: 2.997 ± 0.259 χ^2/NDF : 0.0/0

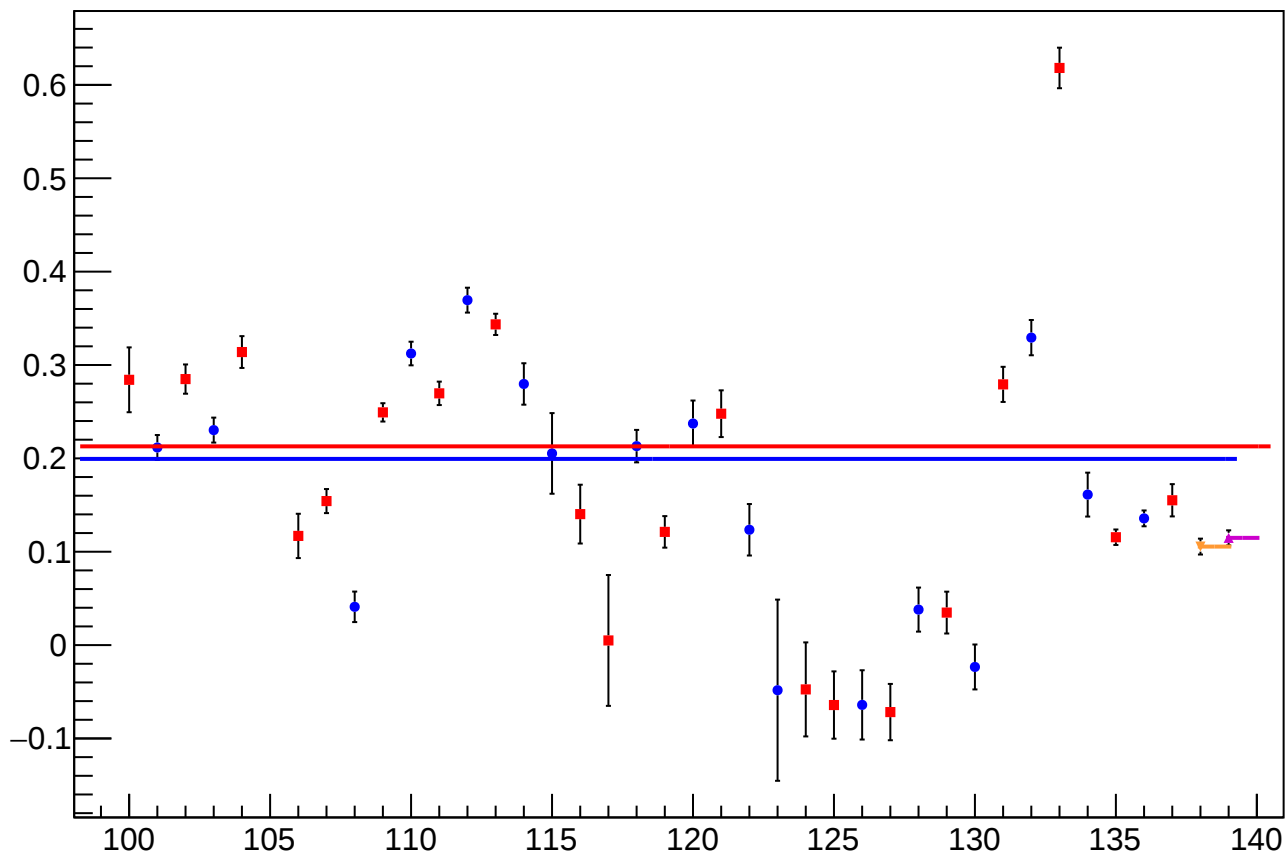
Right Out: -1.590 ± 0.065 χ^2/NDF : 1496.3/19

Left In: 6.076 ± 0.366 χ^2/NDF : 0.0/0

-1.344 ± 0.068 χ^2/NDF : 1617.8/17

-1.353 ± 0.064 χ^2/NDF : 1922.3/20

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.199 $\pm$ 0.004 χ^2/NDF : 662.1/16

Left Out: 0.106 $\pm$ 0.009 χ^2/NDF : 0.0/0

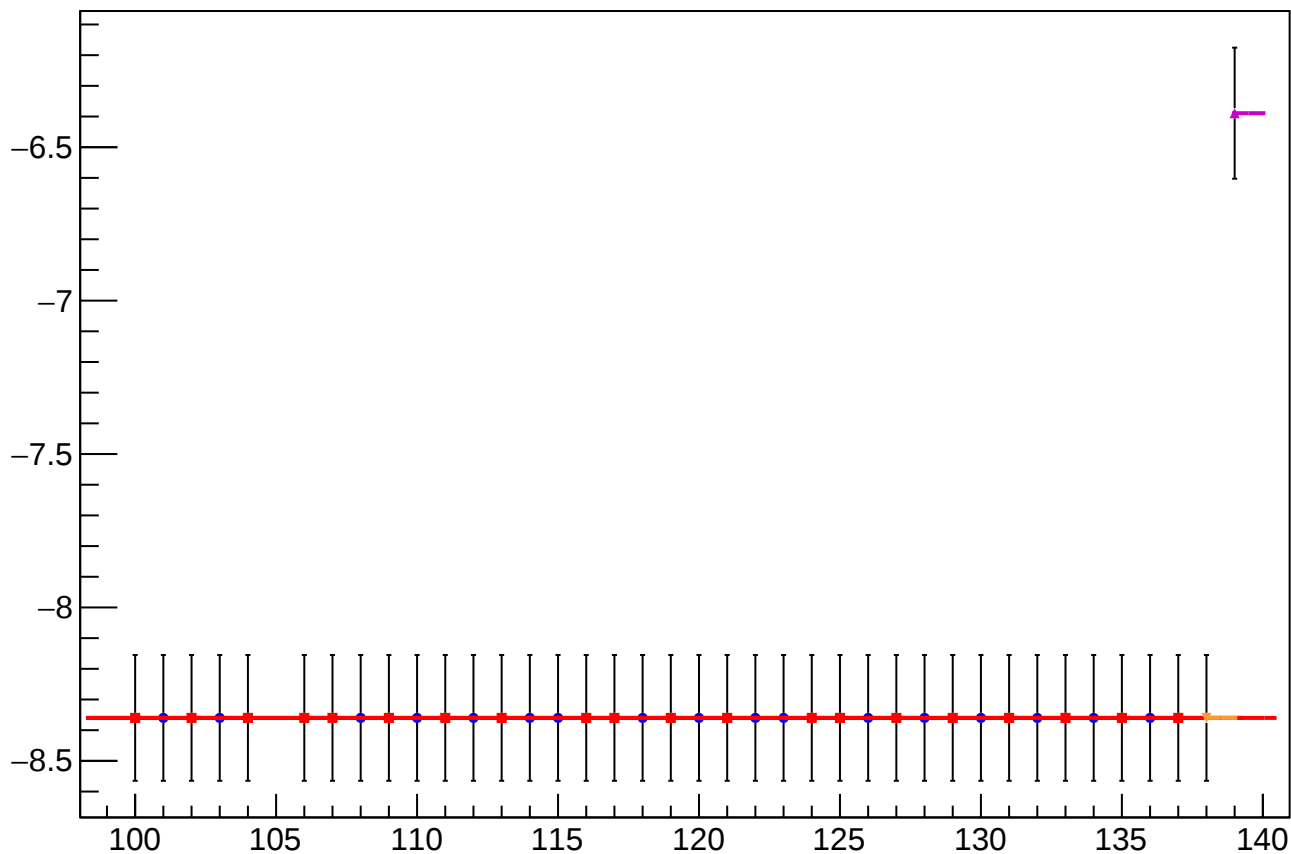
Right Out: 0.213 $\pm$ 0.004 χ^2/NDF : 1057.0/19

Left In: 0.115 $\pm$ 0.008 χ^2/NDF : 0.0/0

0.182 $\pm$ 0.004 χ^2/NDF : 760.7/17

0.196 $\pm$ 0.003 χ^2/NDF : 1178.9/20

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



Right In: -8.360 ± 0.050 χ^2/NDF : 0.0/16

Left Out: -8.360 ± 0.205 χ^2/NDF : 0.0/0

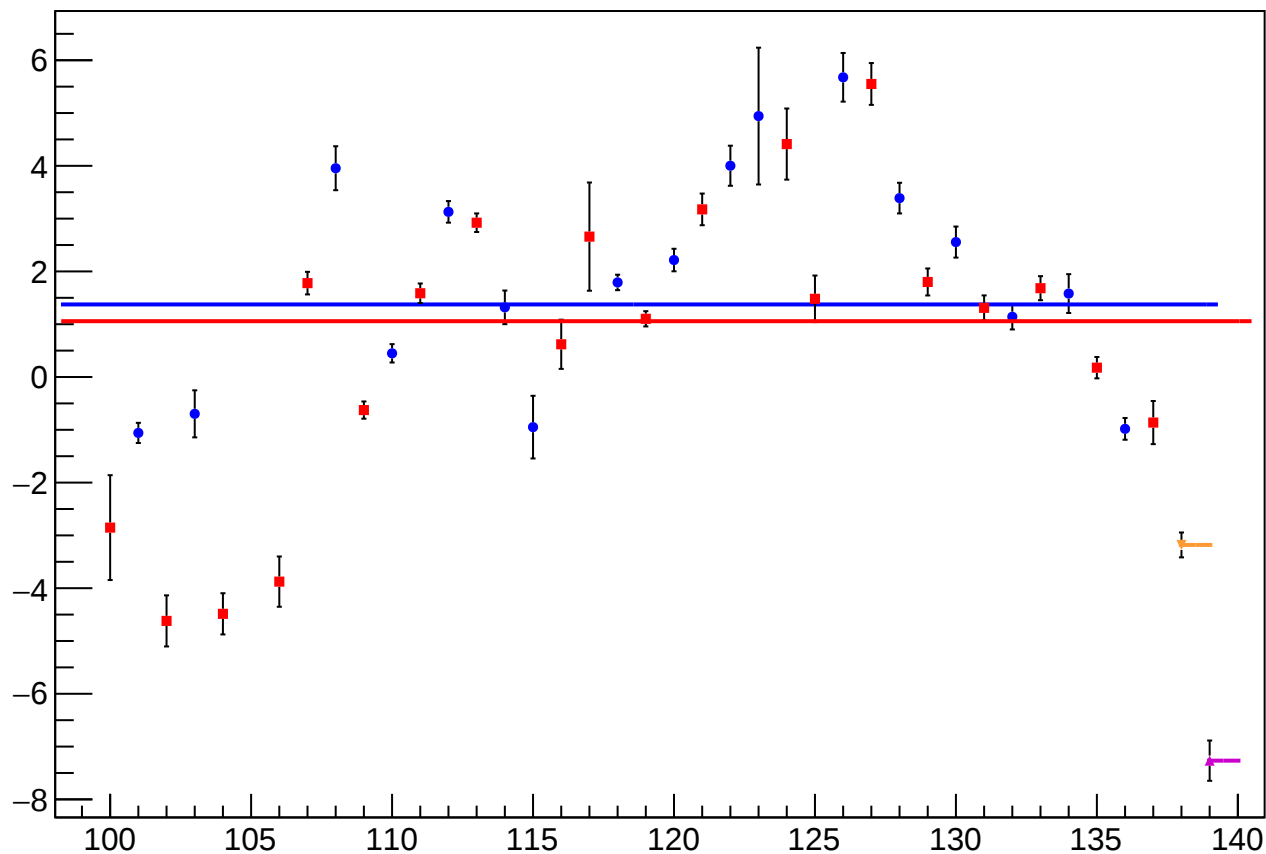
Right Out: -8.360 ± 0.046 χ^2/NDF : 0.0/19

Left In: -6.389 ± 0.214 χ^2/NDF : 0.0/0

-8.360 ± 0.048 χ^2/NDF : 0.0/17

-8.273 ± 0.045 χ^2/NDF : 81.4/20

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.375 $\pm$ 0.062 χ^2 /NDF: 702.4/16

Left Out: -3.180 $\pm$ 0.236 χ^2 /NDF: 0.0/0

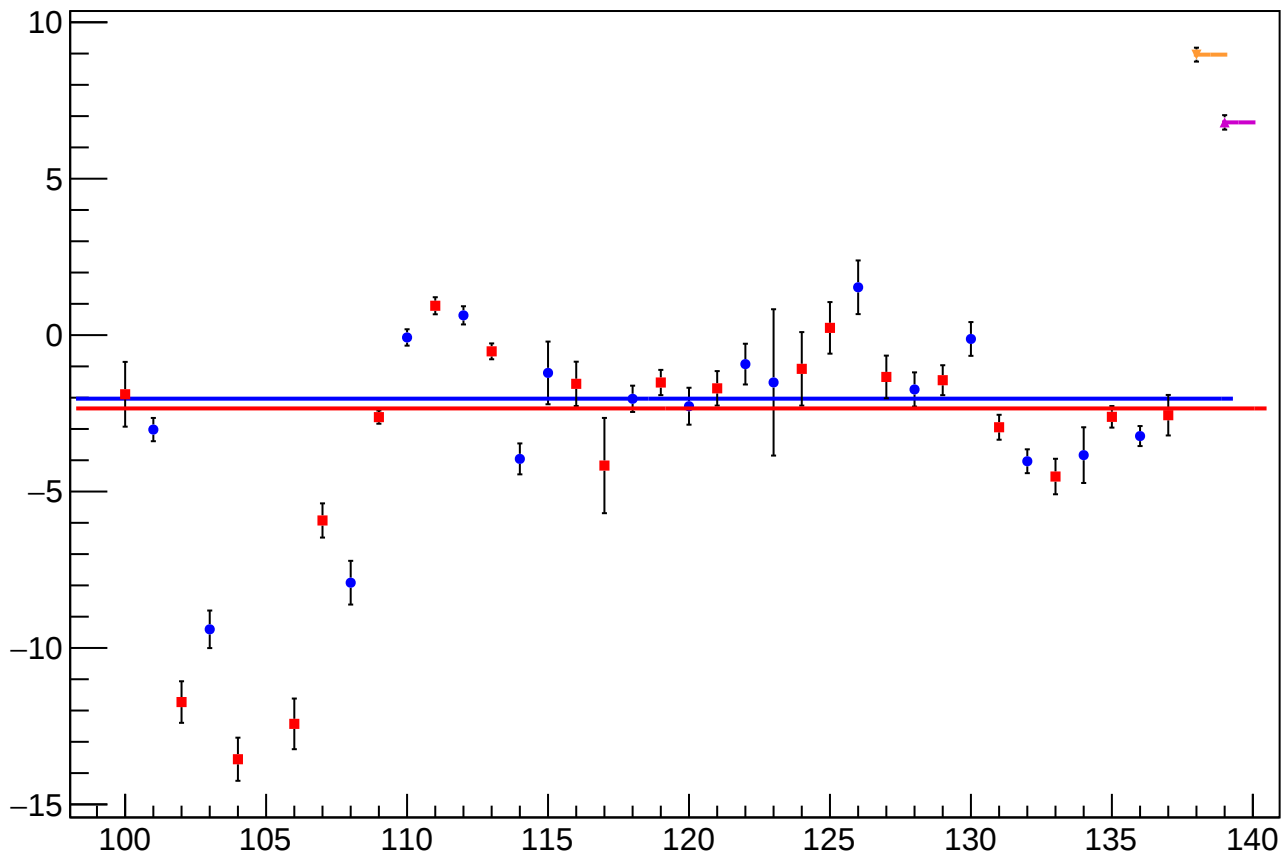
Right Out: 1.058 $\pm$ 0.058 χ^2 /NDF: 966.5/19

Left In: -7.267 $\pm$ 0.382 χ^2 /NDF: 0.0/0

1.080 $\pm$ 0.060 χ^2 /NDF: 1052.2/17

0.870 $\pm$ 0.057 χ^2 /NDF: 1431.9/20

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.031 ± 0.111 χ^2/NDF : 463.2/16

Left Out: 8.966 ± 0.223 χ^2/NDF : 0.0/0

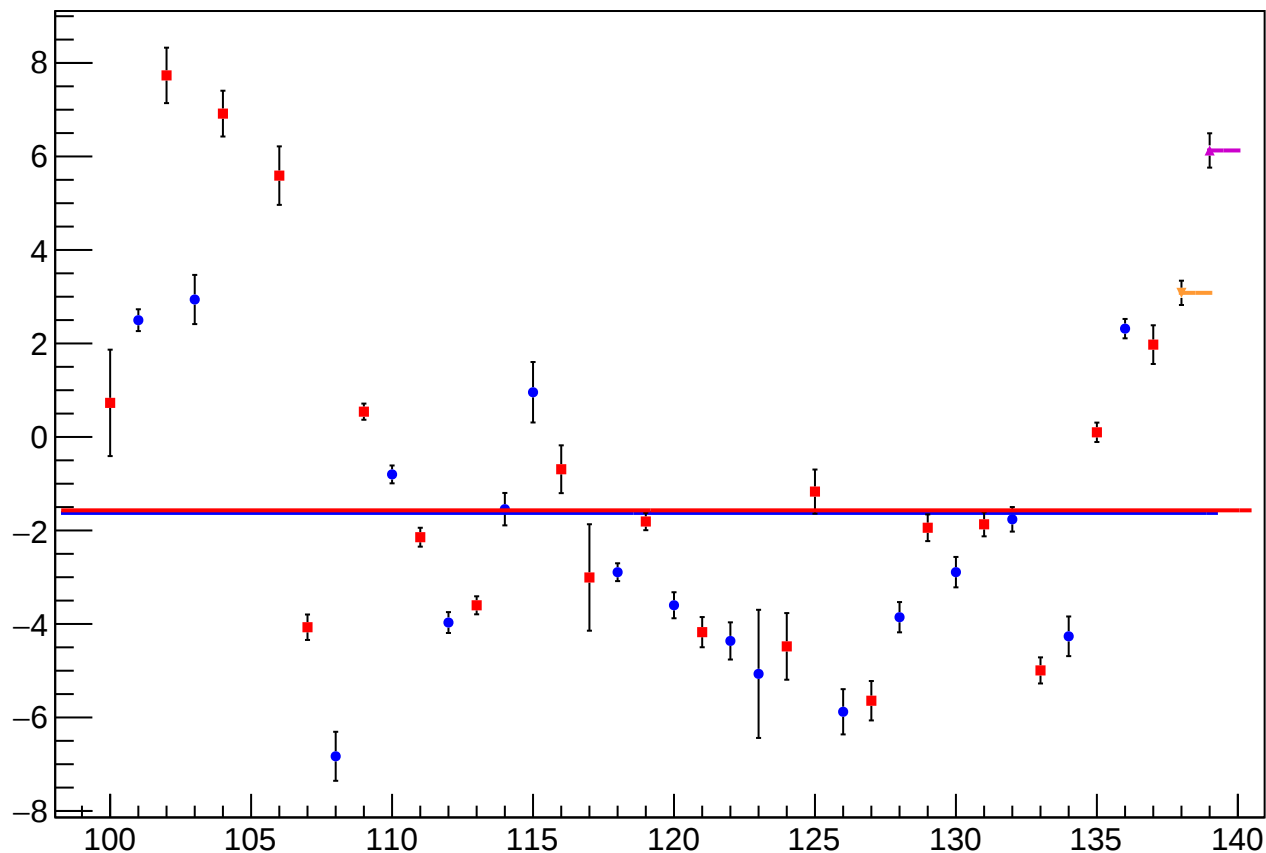
Right Out: -2.344 ± 0.099 χ^2/NDF : 903.4/19

Left In: 6.800 ± 0.231 χ^2/NDF : 0.0/0

0.169 ± 0.100 χ^2/NDF : 2415.8/17

-0.936 ± 0.091 χ^2/NDF : 2223.9/20

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.625 ± 0.071 χ^2/NDF : 1320.8/16

Left Out: 3.083 ± 0.260 χ^2/NDF : 0.0/0

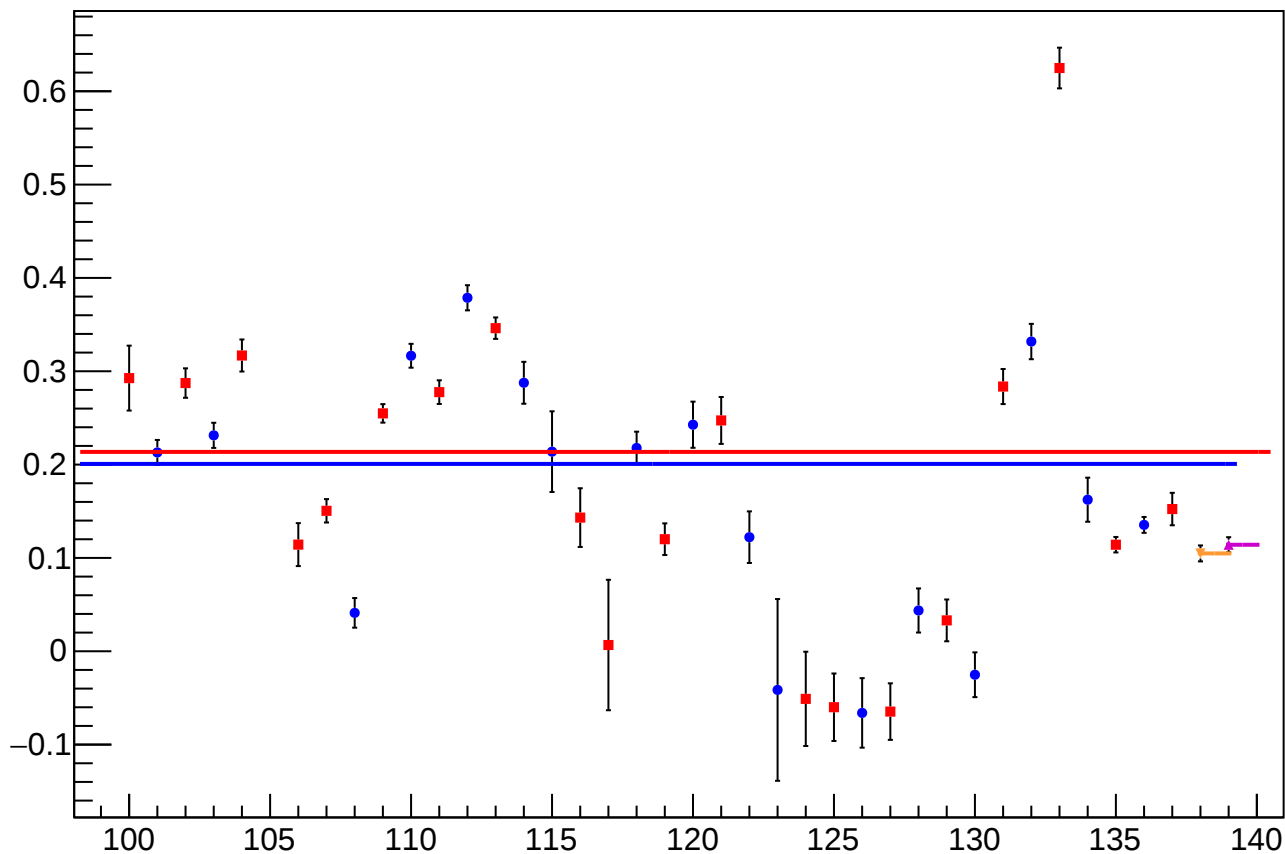
Right Out: -1.570 ± 0.065 χ^2/NDF : 1507.4/19

Left In: 6.128 ± 0.367 χ^2/NDF : 0.0/0

-1.297 ± 0.069 χ^2/NDF : 1625.9/17

-1.332 ± 0.064 χ^2/NDF : 1933.3/20

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201 $\pm$ 0.004 χ^2 /NDF: 690.6/16

Left Out: 0.105 $\pm$ 0.009 χ^2 /NDF:0.0/0

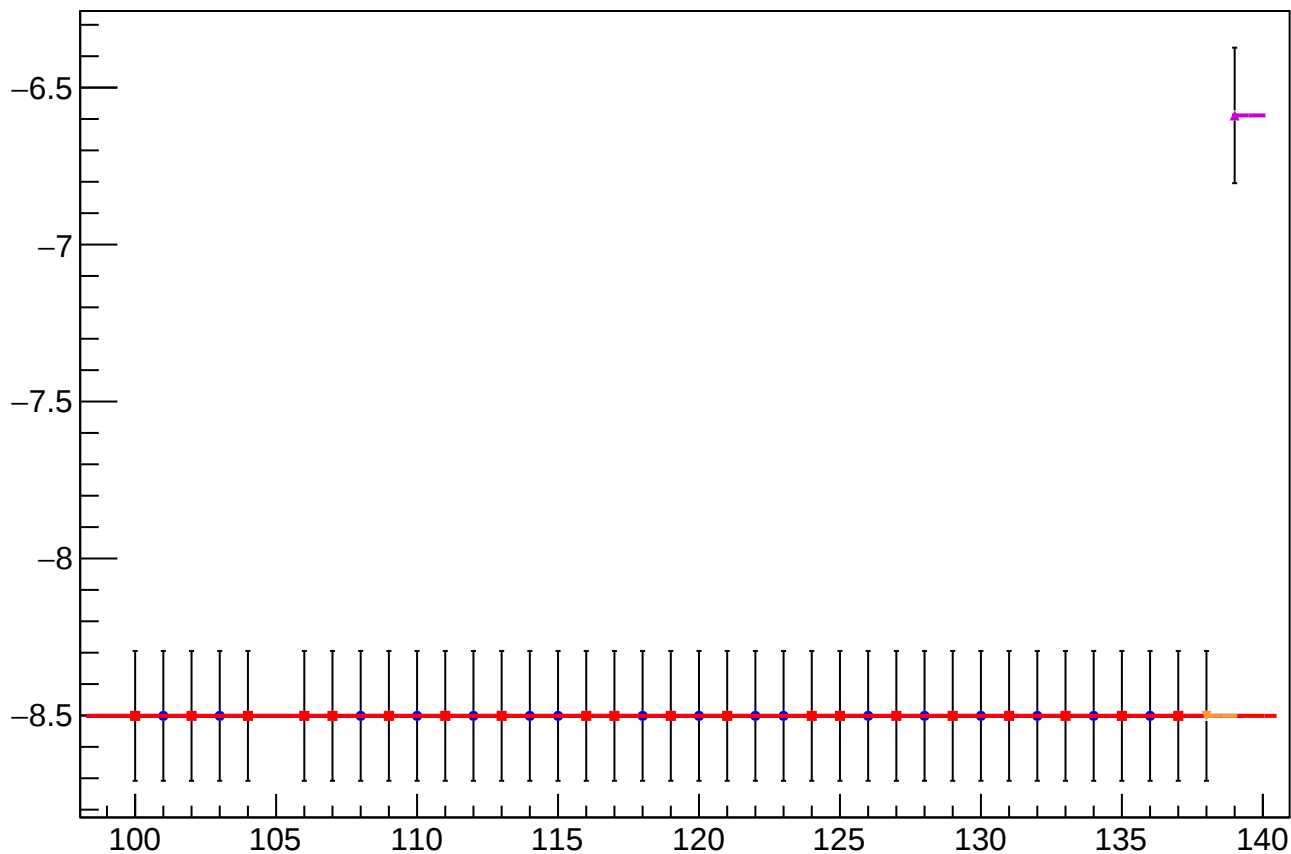
Right Out: 0.214 $\pm$ 0.004 χ^2 /NDF: 1089.2/19

Left In: 0.114 $\pm$ 0.008 χ^2 /NDF:0.0/0

0.182 $\pm$ 0.004 χ^2 /NDF: 792.4/17

0.197 $\pm$ 0.003 χ^2 /NDF: 1213.9/20

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



Right In: -8.501 $\pm$ 0.050 χ^2 /NDF: 0.0/16

Left Out: -8.501 $\pm$ 0.207 χ^2 /NDF: 0.0/0

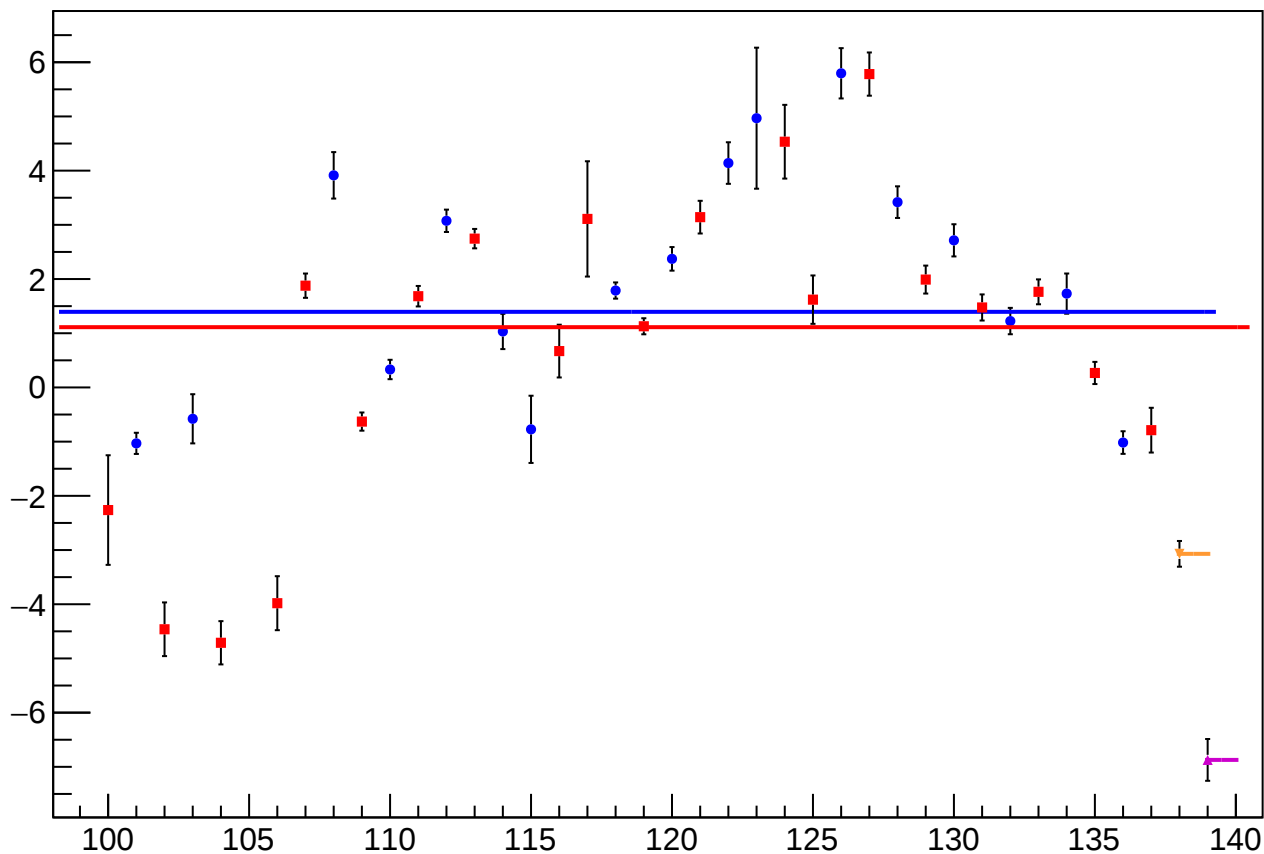
Right Out: -8.501 $\pm$ 0.046 χ^2 /NDF: 0.0/19

Left In: -6.589 $\pm$ 0.216 χ^2 /NDF: 0.0/0

-8.501 $\pm$ 0.049 χ^2 /NDF: 0.0/17

-8.417 $\pm$ 0.045 χ^2 /NDF: 75.1/20

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.395+/-0.063 χ^2/NDF : 701.4/16

Left Out: -3.070+/-0.237 χ^2/NDF : 0.0/0

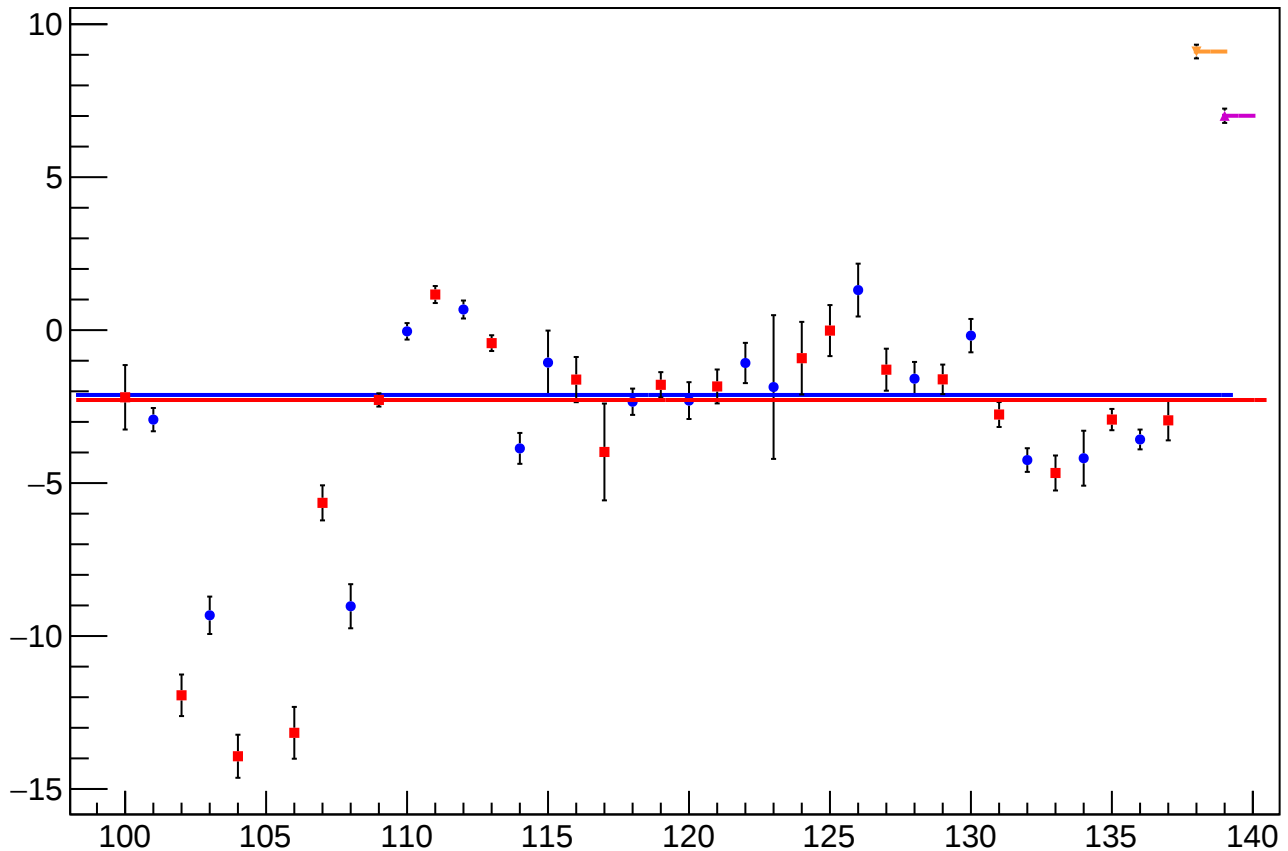
Right Out: 1.112+/-0.059 χ^2/NDF : 940.5/19

Left In: -6.872+/-0.386 χ^2/NDF : 0.0/0

1.101+/-0.061 χ^2/NDF : 1031.7/17

0.928+/-0.058 χ^2/NDF : 1359.5/20

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.119 ± 0.113 χ^2/NDF : 486.3/16

Left Out: 9.107 ± 0.225 χ^2/NDF : 0.0/0

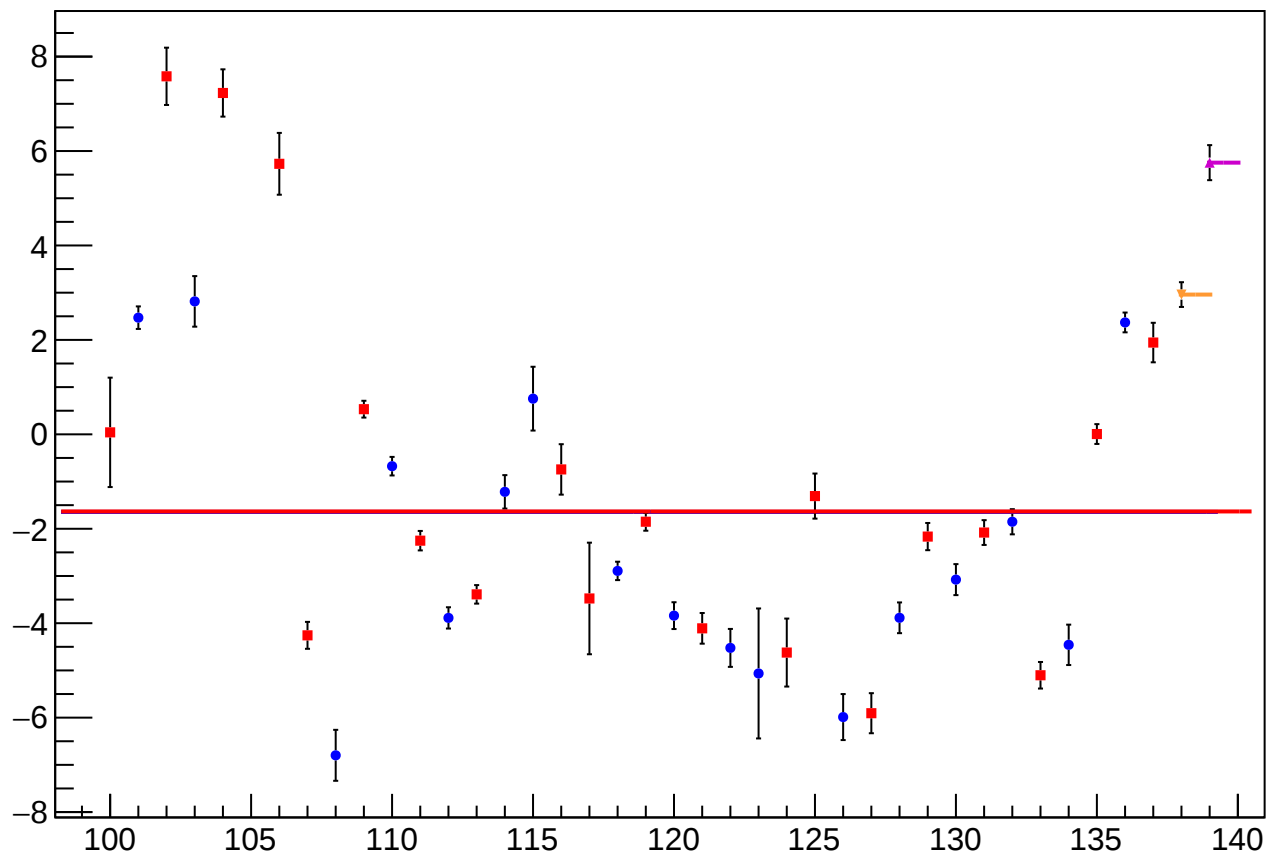
Right Out: -2.284 ± 0.101 χ^2/NDF : 920.6/19

Left In: 7.008 ± 0.234 χ^2/NDF : 0.0/0

0.159 ± 0.101 χ^2/NDF : 2478.6/17

-0.828 ± 0.093 χ^2/NDF : 2251.5/20

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.643 ± 0.072 $\chi^2/\text{NDF}: 1310.1/16$

Left Out: 2.960 ± 0.262 $\chi^2/\text{NDF}: 0.0/0$

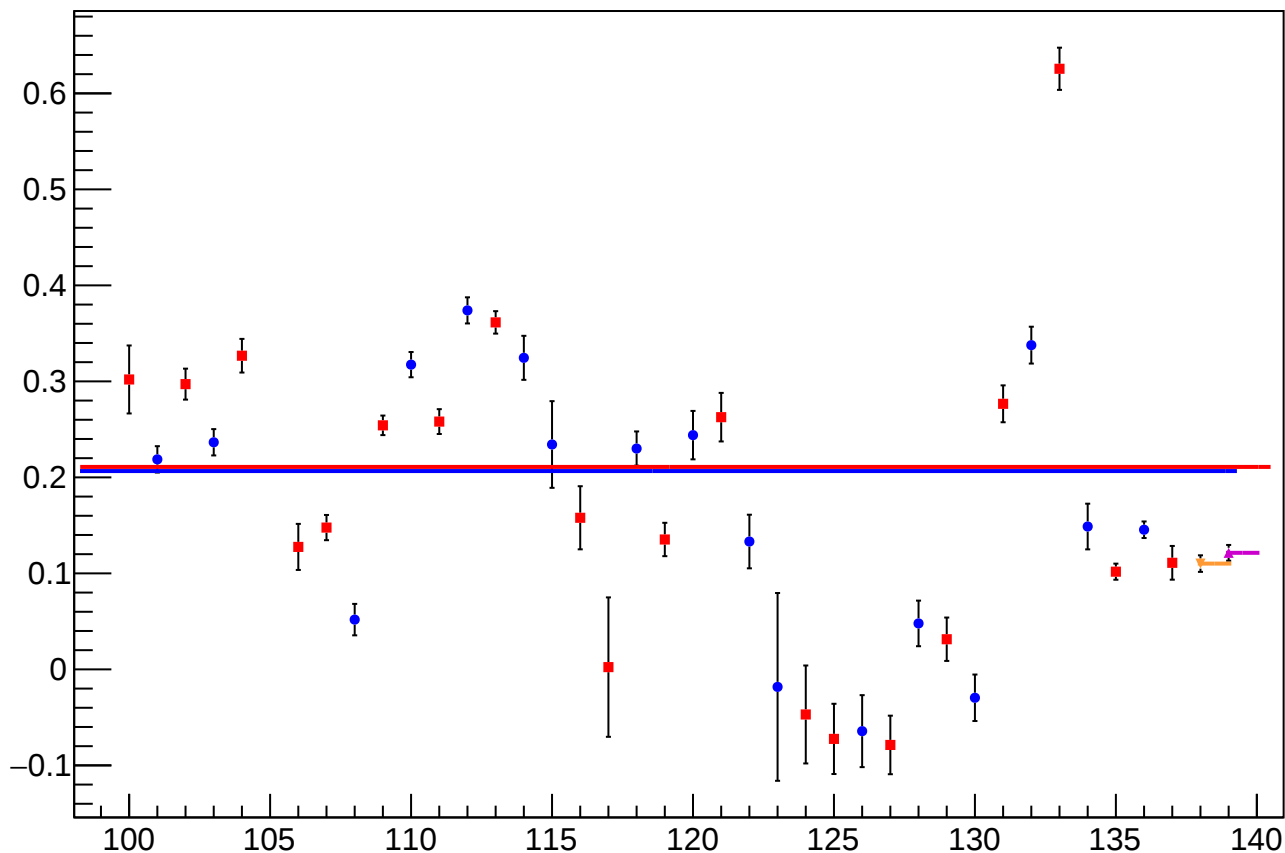
Right Out: -1.633 ± 0.067 $\chi^2/\text{NDF}: 1470.6/19$

Left In: 5.754 ± 0.371 $\chi^2/\text{NDF}: 0.0/0$

-1.317 ± 0.070 $\chi^2/\text{NDF}: 1596.7/17$

-1.401 ± 0.066 $\chi^2/\text{NDF}: 1854.4/20$

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207 $\pm$ 0.004 χ^2 /NDF: 655.0/16

Left Out: 0.110 $\pm$ 0.009 χ^2 /NDF:0.0/0

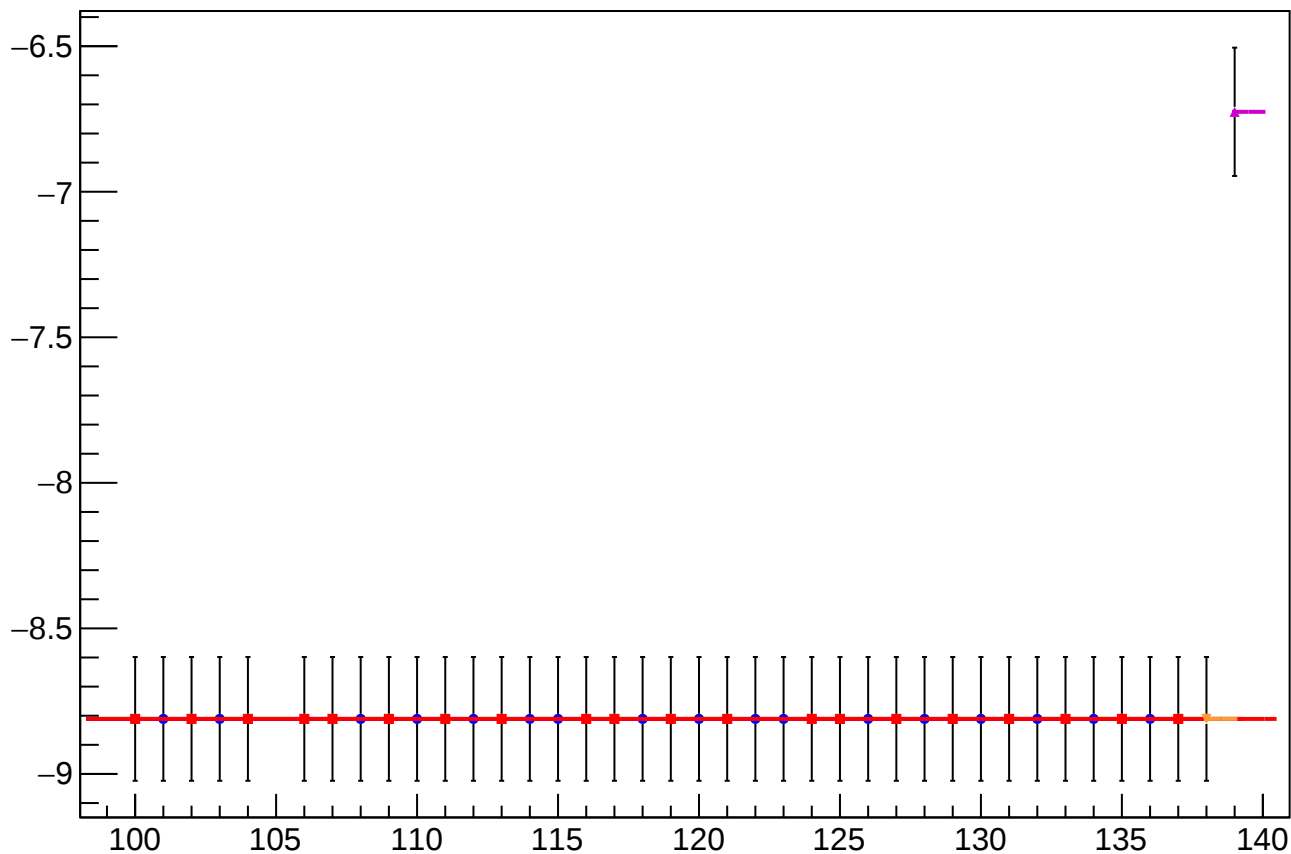
Right Out: 0.211 $\pm$ 0.004 χ^2 /NDF: 1153.8/19

Left In: 0.121 $\pm$ 0.008 χ^2 /NDF:0.0/0

0.188 $\pm$ 0.004 χ^2 /NDF: 755.8/17

0.195 $\pm$ 0.003 χ^2 /NDF: 1252.3/20

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



Right In: -8.811+/-0.052 χ^2/NDF : 0.0/16

Left Out: -8.811+/-0.213 χ^2/NDF : 0.0/0

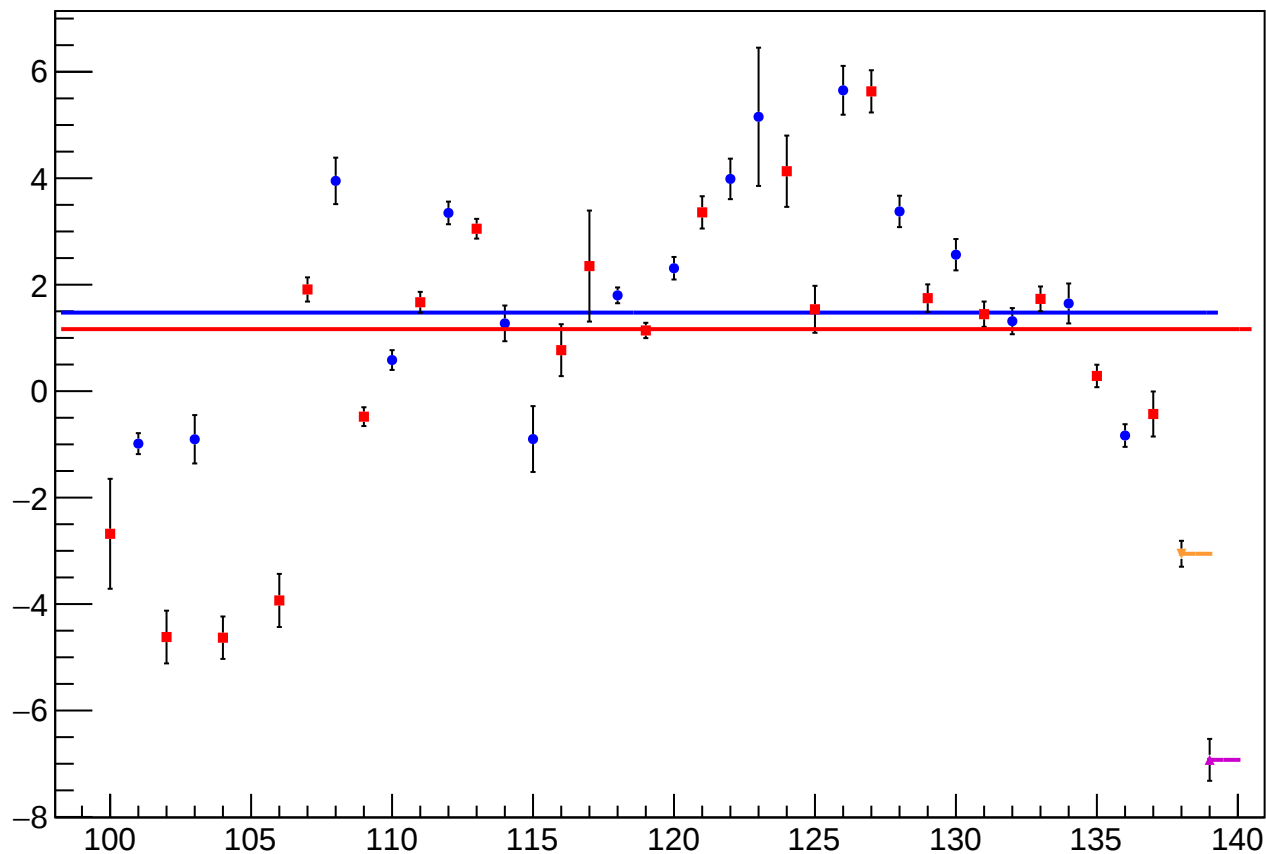
Right Out: -8.811+/-0.048 χ^2/NDF : 0.0/19

Left In: -6.725+/-0.220 χ^2/NDF : 0.0/0

-8.811+/-0.050 χ^2/NDF : 0.0/17

-8.718+/-0.046 χ^2/NDF : 85.6/20

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.476 $\pm$ 0.064 χ^2 /NDF: 659.7/16

Left Out: -3.055 $\pm$ 0.244 χ^2 /NDF: 0.0/0

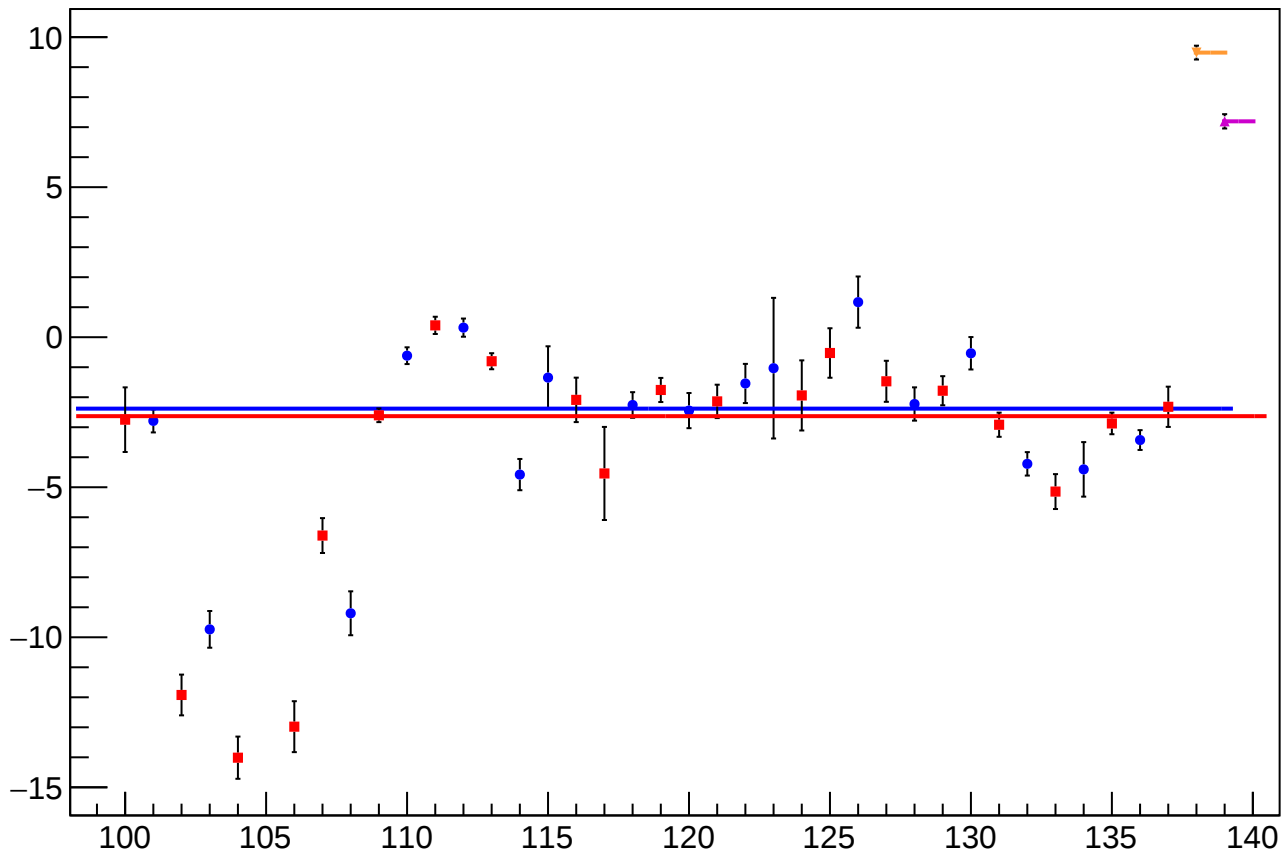
Right Out: 1.165 $\pm$ 0.060 χ^2 /NDF: 919.2/19

Left In: -6.927 $\pm$ 0.394 χ^2 /NDF: 0.0/0

1.187 $\pm$ 0.062 χ^2 /NDF: 983.7/17

0.982 $\pm$ 0.059 χ^2 /NDF: 1332.4/20

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.380 ± 0.115 χ^2/NDF : 438.8/16

Left Out: 9.485 ± 0.231 χ^2/NDF : 0.0/0

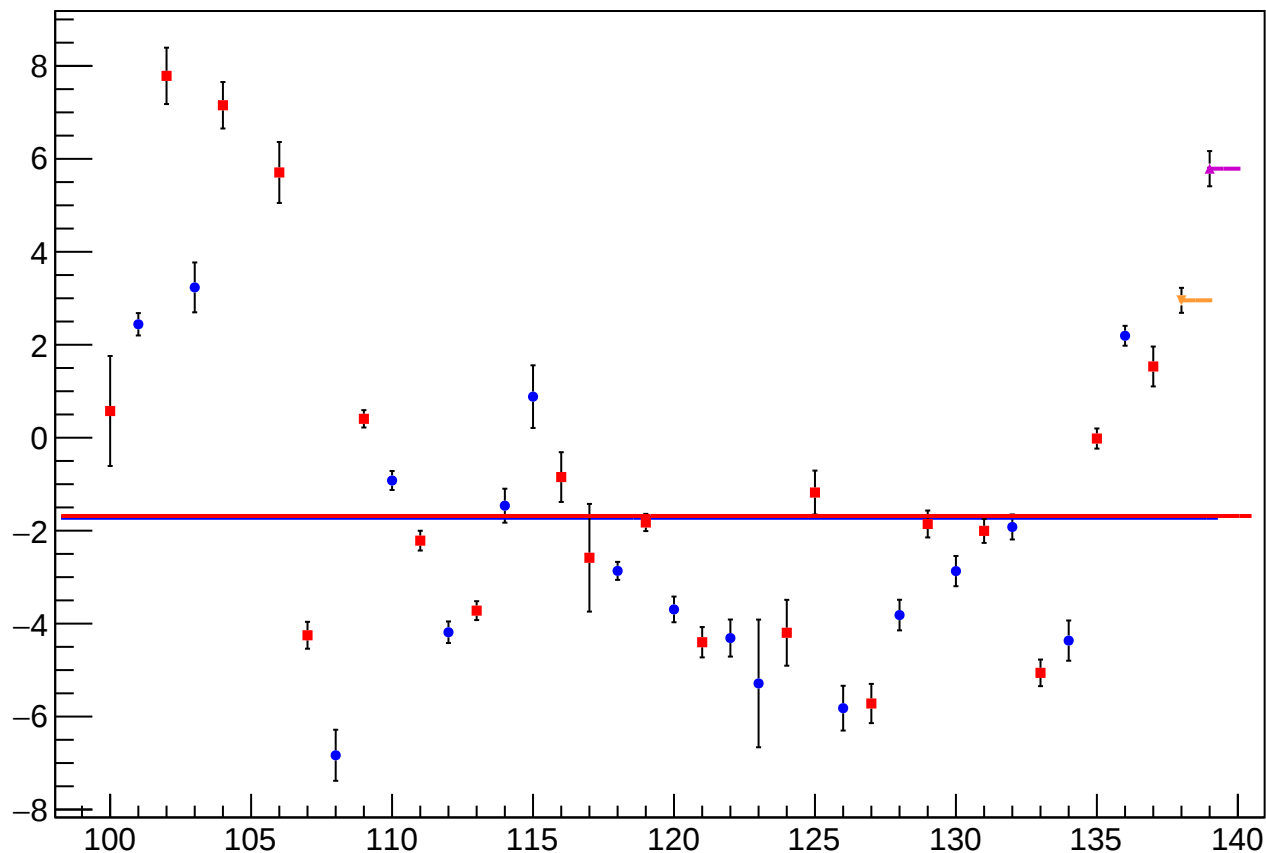
Right Out: -2.631 ± 0.103 χ^2/NDF : 842.8/19

Left In: 7.194 ± 0.239 χ^2/NDF : 0.0/0

-0.020 ± 0.103 χ^2/NDF : 2555.1/17

-1.090 ± 0.095 χ^2/NDF : 2269.5/20

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.722+/-0.073 χ^2/NDF : 1247.6/16

Left Out: 2.956+/-0.269 χ^2/NDF : 0.0/0

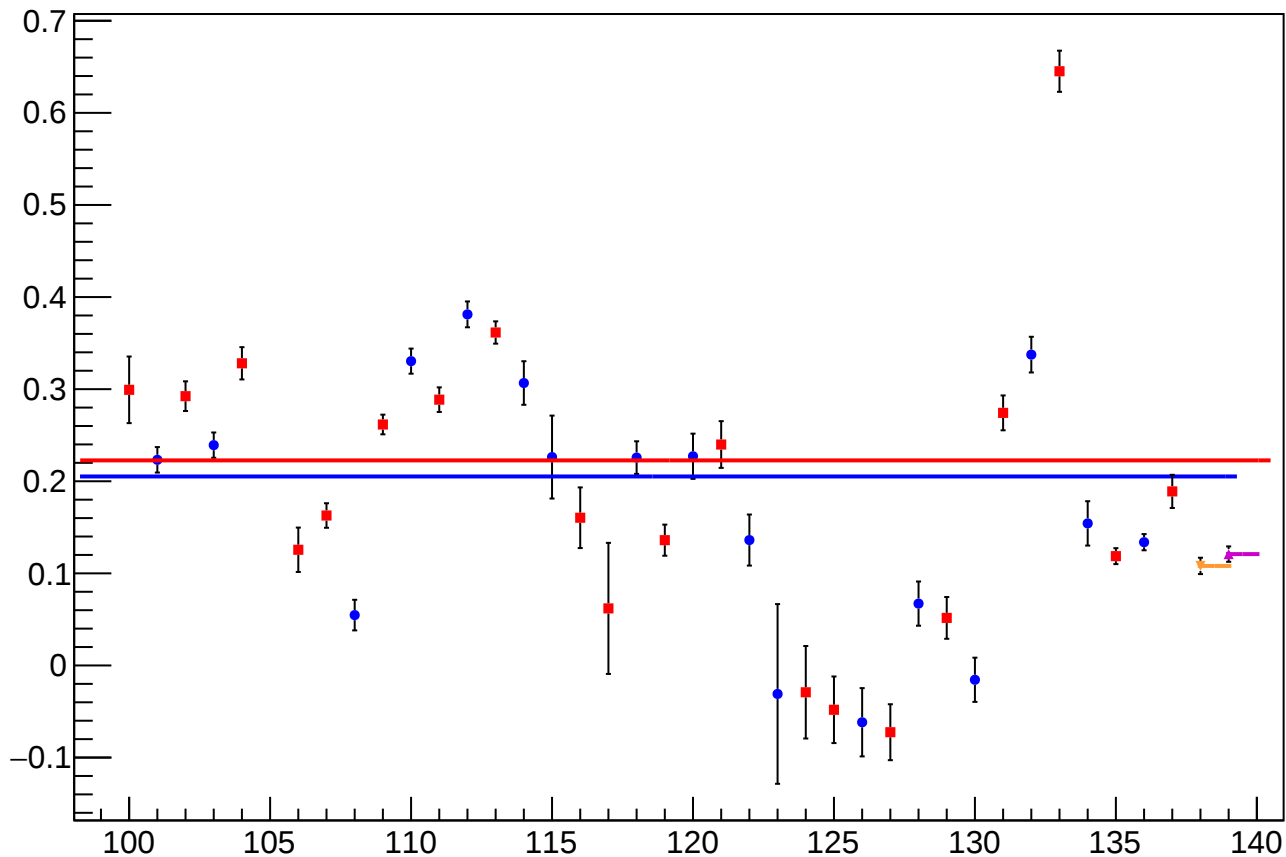
Right Out: -1.684+/-0.068 χ^2/NDF : 1431.6/19

Left In: 5.789+/-0.379 χ^2/NDF : 0.0/0

-1.400+/-0.071 χ^2/NDF : 1529.3/17

-1.452+/-0.067 χ^2/NDF : 1808.7/20

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.205 $\pm$ 0.004 χ^2 /NDF: 650.7/16

Left Out: 0.108 $\pm$ 0.009 χ^2 /NDF: 0.0/0

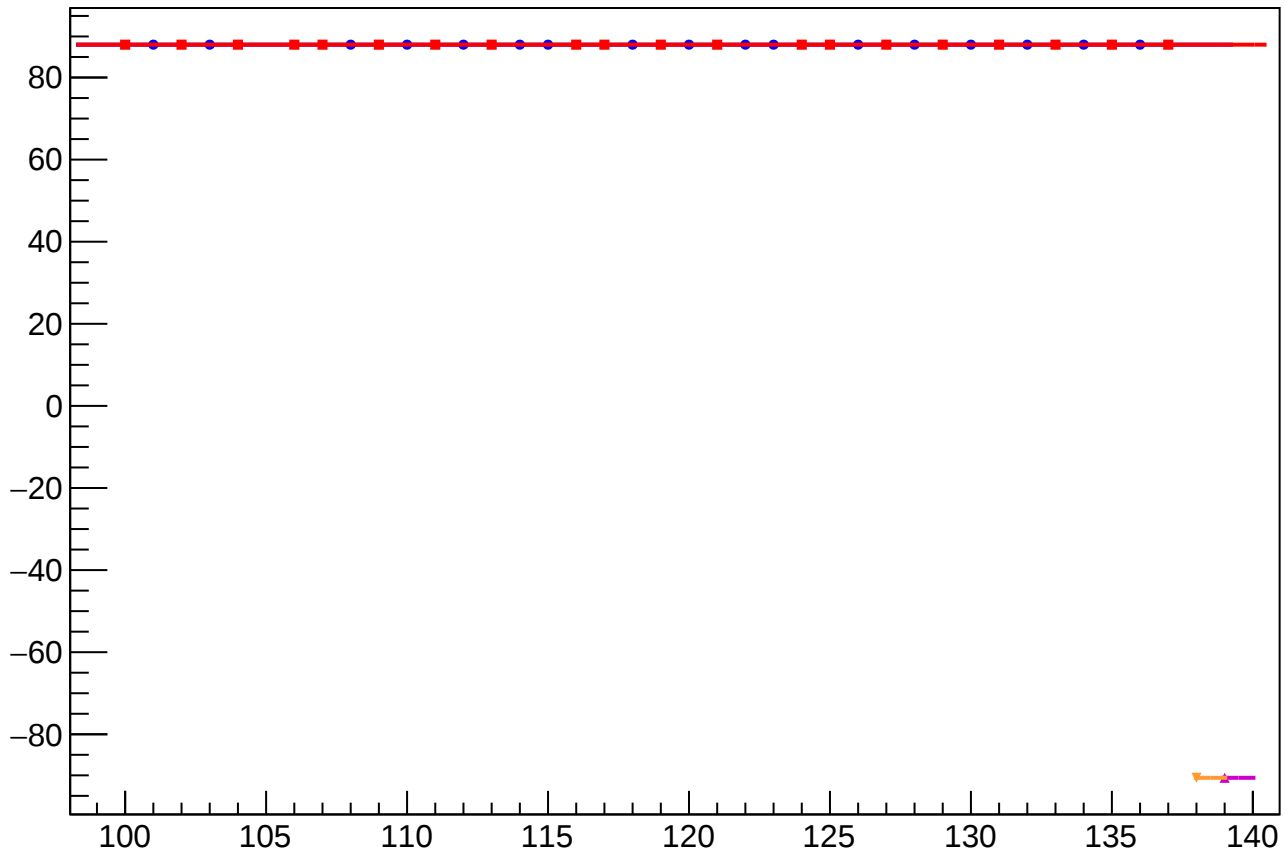
Right Out: 0.223 $\pm$ 0.004 χ^2 /NDF: 1045.6/19

Left In: 0.121 $\pm$ 0.008 χ^2 /NDF: 0.0/0

0.187 $\pm$ 0.004 χ^2 /NDF: 747.8/17

0.205 $\pm$ 0.003 χ^2 /NDF: 1167.9/20

VWienAngle_mean vs Slug



Right In: 88.001+/-0.000 χ^2/NDF : 809207.2/16

Left Out: -90.599+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.001+/-0.000 χ^2/NDF : 224768.6/19

Left In: -90.599+/-0.000 χ^2/NDF : 0.0/0

69.932+/-0.000 χ^2/NDF : 223633246412451255

71.922+/-0.000 χ^2/NDF : 214795119454987774

312499993

312499994

312499995

312499996

312499997

312499998

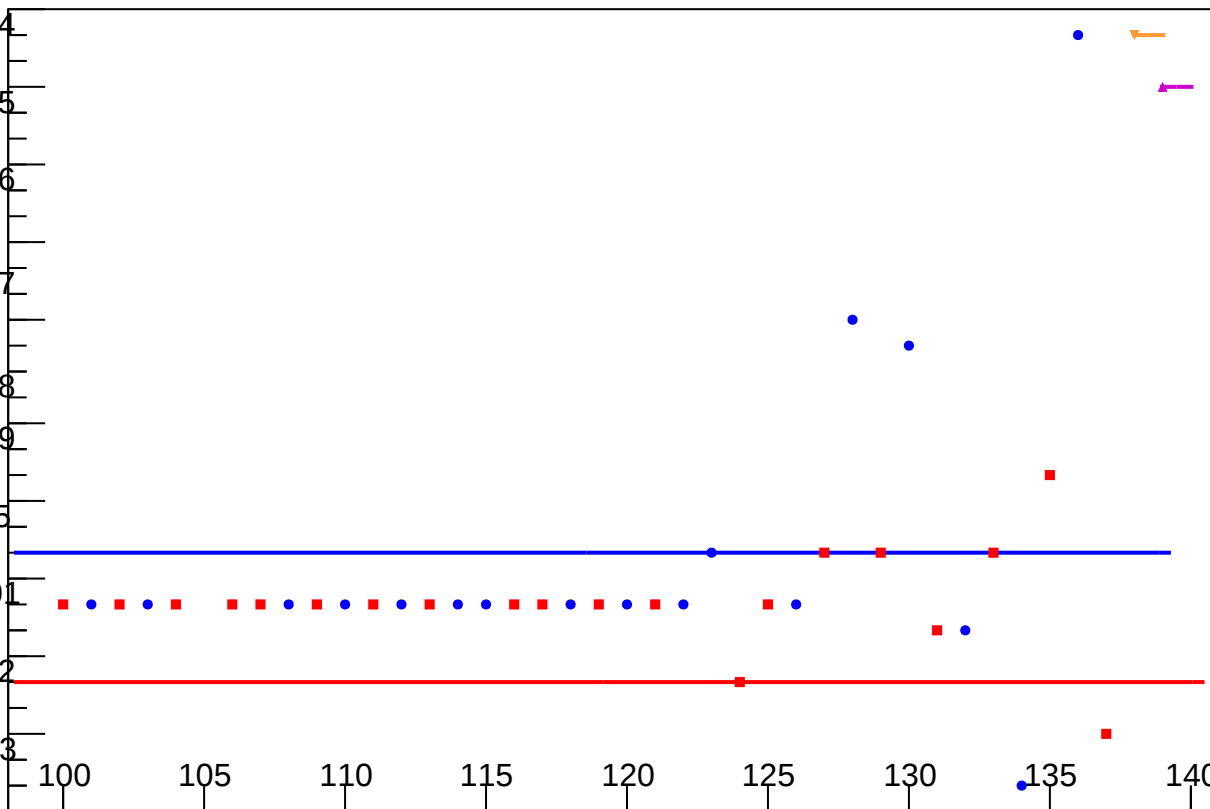
312499999

640703125

312500001

312500002

312500003



Right In: -29.641+/-0.000 χ^2/NDF : 590181.6/16

Left Out: -29.641+/-0.000 χ^2/NDF : 0.0/0

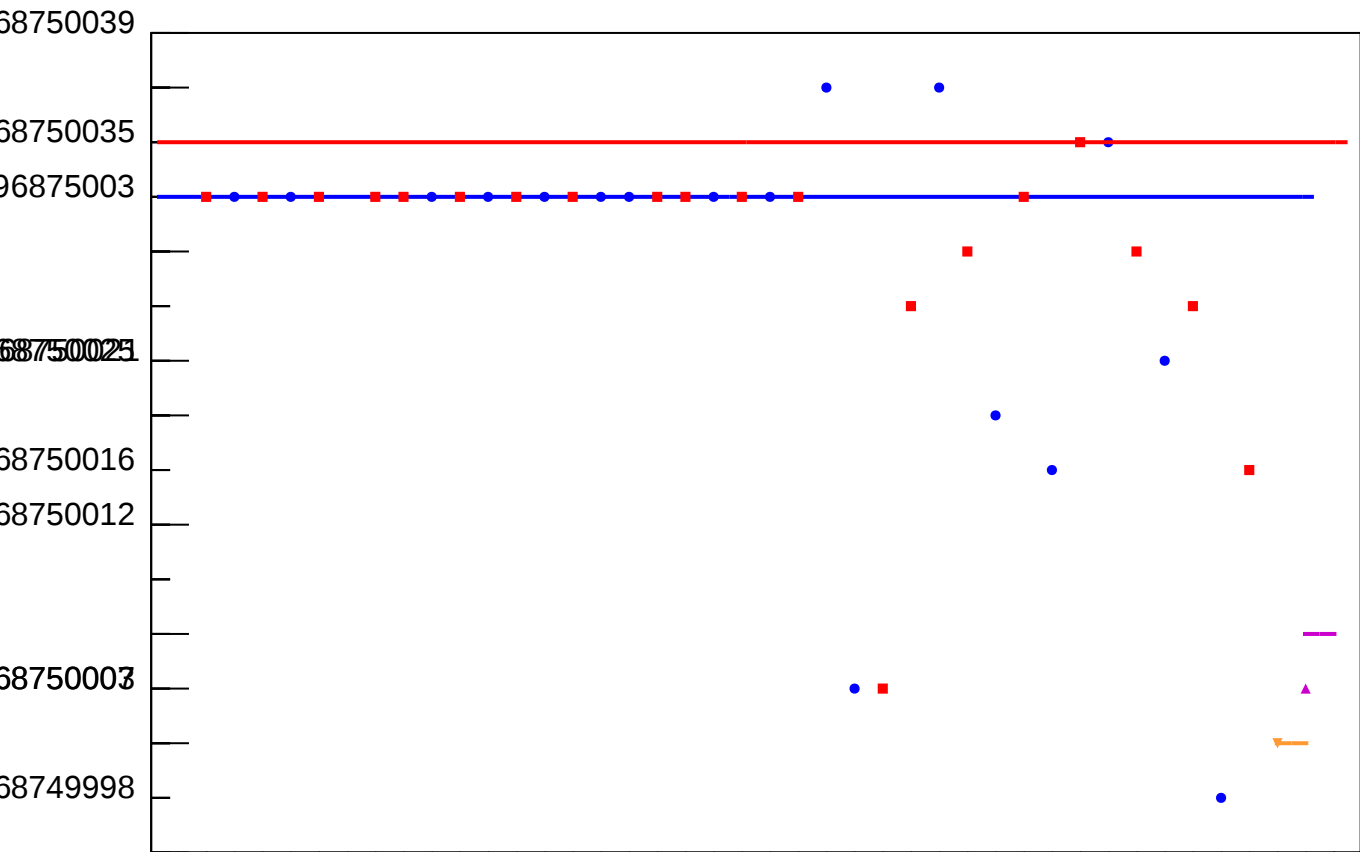
Right Out: -29.641+/-0.000 χ^2/NDF : 138258.9/19

Left In: -29.641+/-0.000 χ^2/NDF : 0.0/0

-29.641+/-0.000 χ^2/NDF : 916593.3/17

-29.641+/-0.000 χ^2/NDF : 458675.3/20

psub_pl_pos_mean vs Slug



6874994

Right In: 1467.979+/-0.000 χ^2/NDF : 709203977.7/16

Left Out: 1467.979+/-0.000 χ^2/NDF : 0.0/0

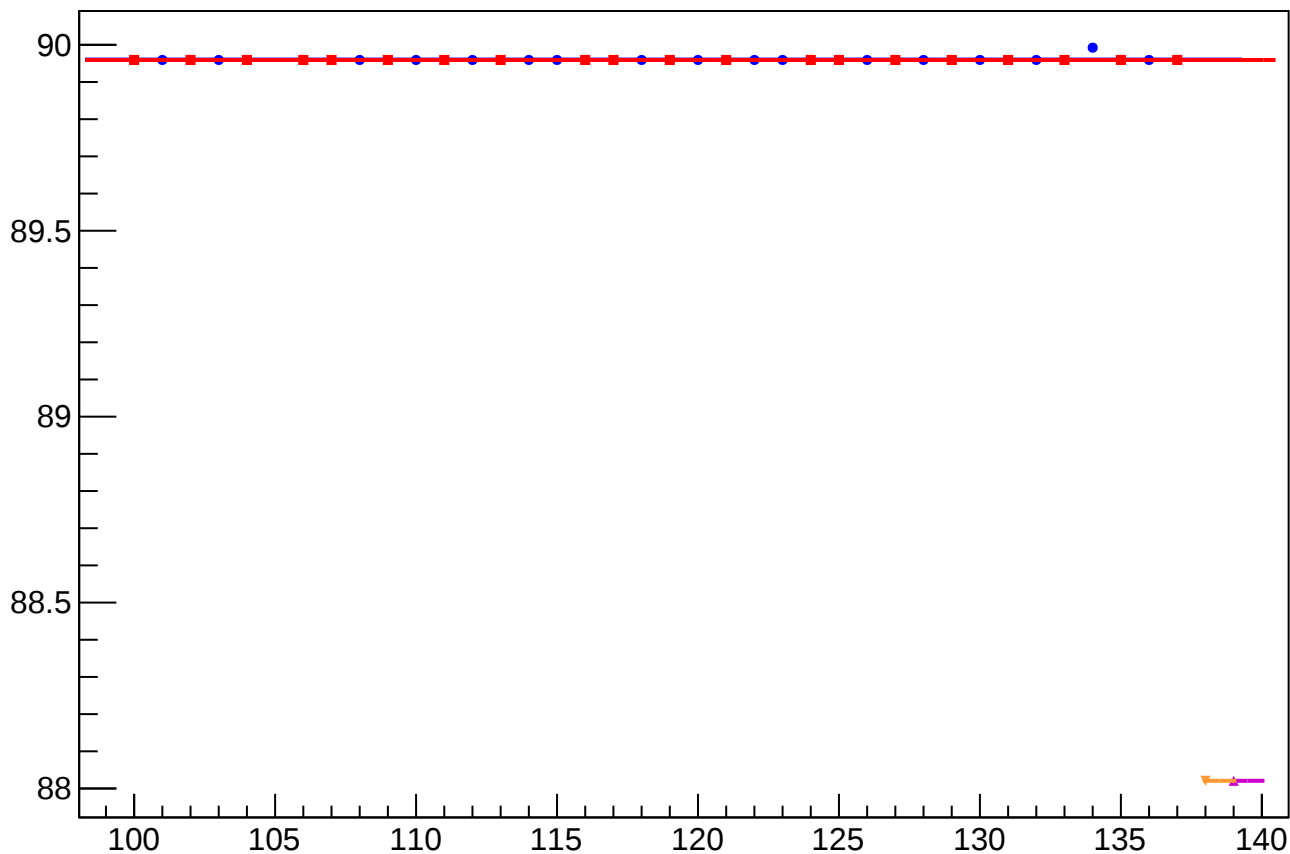
Right Out: 1467.979+/-0.000 χ^2/NDF : 189579456.6/19

Left In: 1467.979+/-0.000 χ^2/NDF : 3825710.3/0

1467.979+/-0.000 χ^2/NDF : 932697839.4/17

1467.979+/-0.000 χ^2/NDF : 813066843.4/20

Phi_FG_mean vs Slug



Right In: 89.960 ± 0.000 χ^2/NDF : 22241994025452511954976374784.0/16

Left Out: 88.021 ± 0.000 χ^2/NDF : 0.0/0

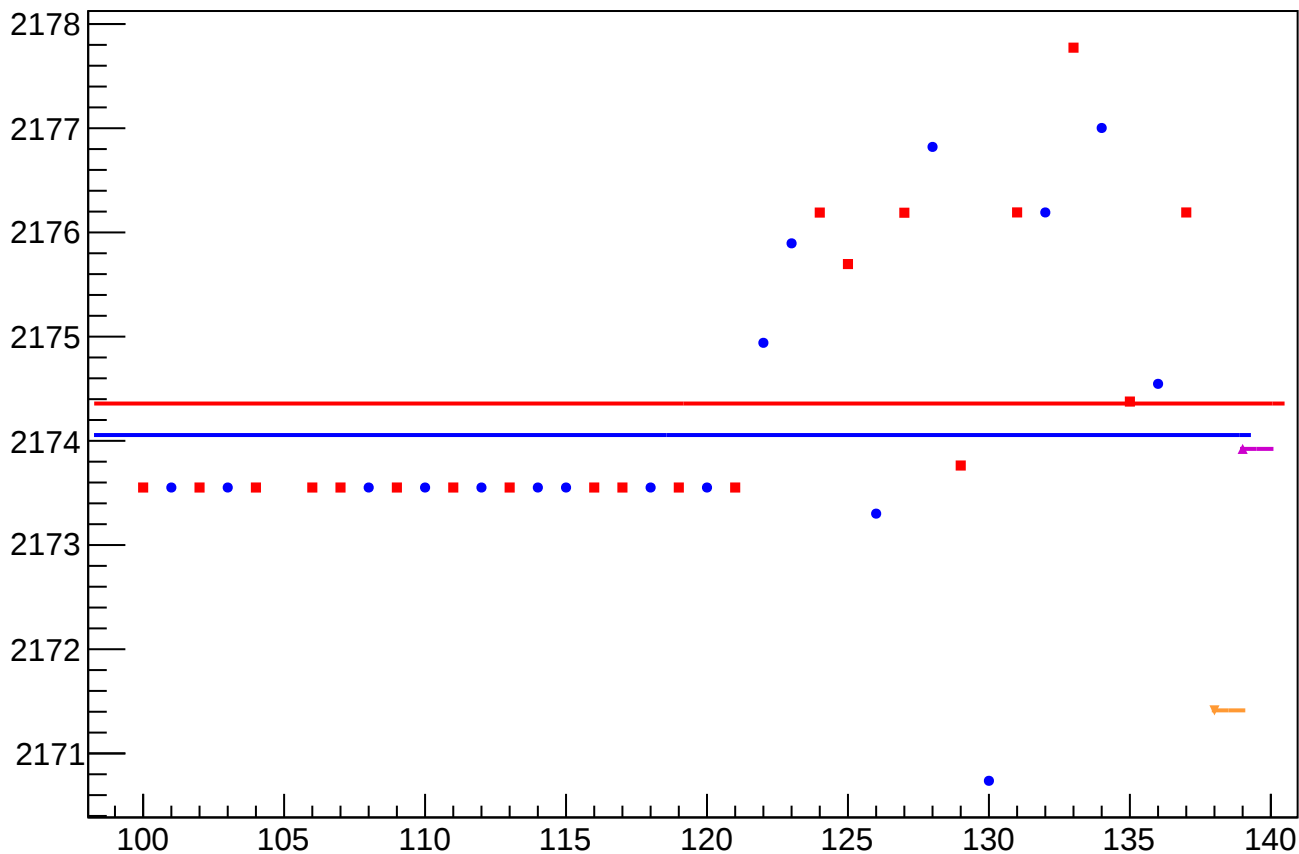
Right Out: 89.959 ± 0.000 χ^2/NDF : 965111.4/19

Left In: 88.021 ± 0.000 χ^2/NDF : 0.0/0

89.764 ± 0.000 χ^2/NDF : 26377419073044120

89.785 ± 0.000 χ^2/NDF : 25306676680140765

HALLA_p_mean vs Slug



Right In: 2174.056+/-0.000 χ^2/NDF : 1540627337710283644302236183429120.0/16

Left Out: 2171.413+/-0.000 χ^2/NDF : 16130021.9/0

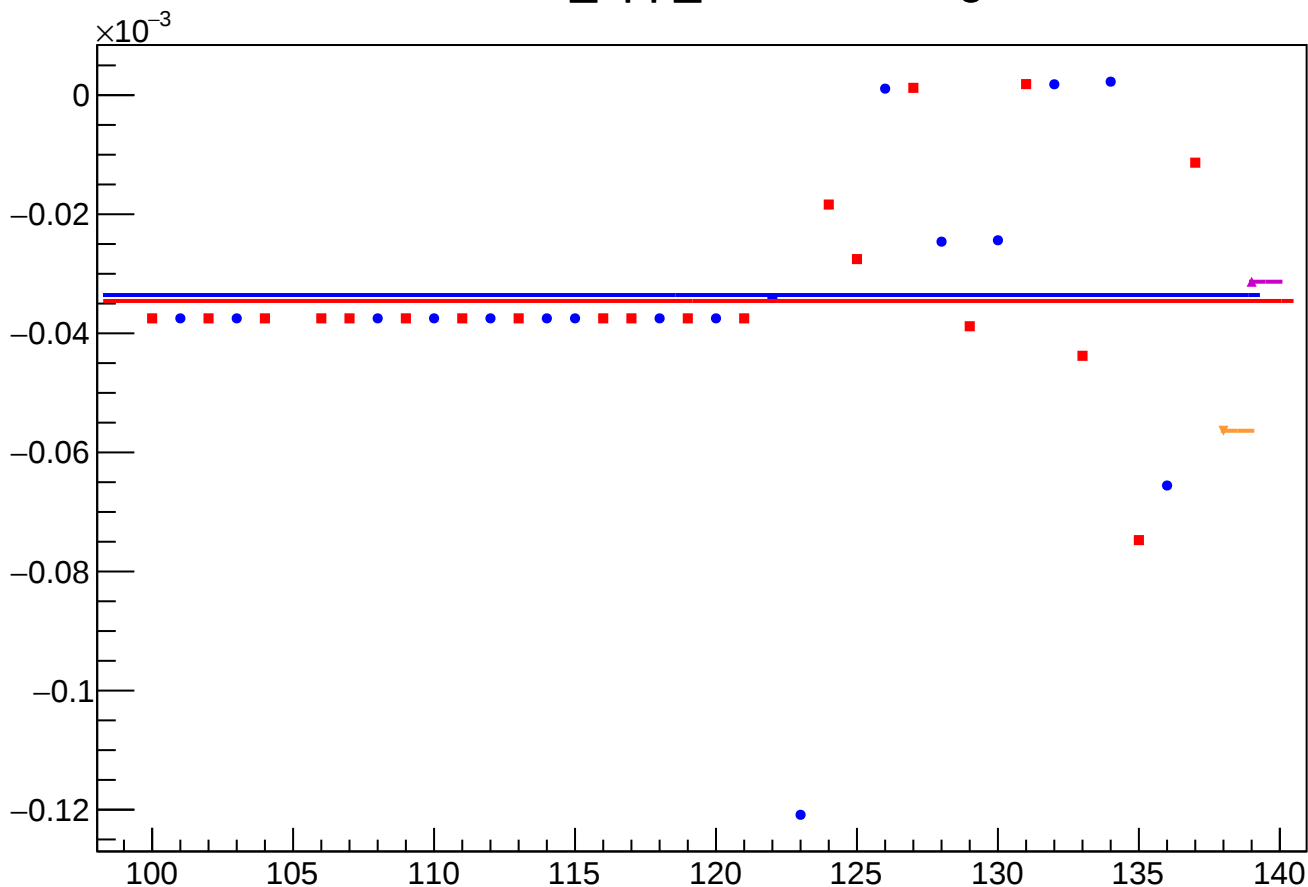
Right Out: 2174.358+/-0.000 χ^2/NDF : 1264231113010335742320671948013568.0/19

Left In: 2173.923+/-0.000 χ^2/NDF : 0.0/0

2173.788+/-0.000 χ^2/NDF : 2030135158933445

2174.319+/-0.000 χ^2/NDF : 1276989946115744

HALLA_dpp_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 261082170040518671597568.0/16

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

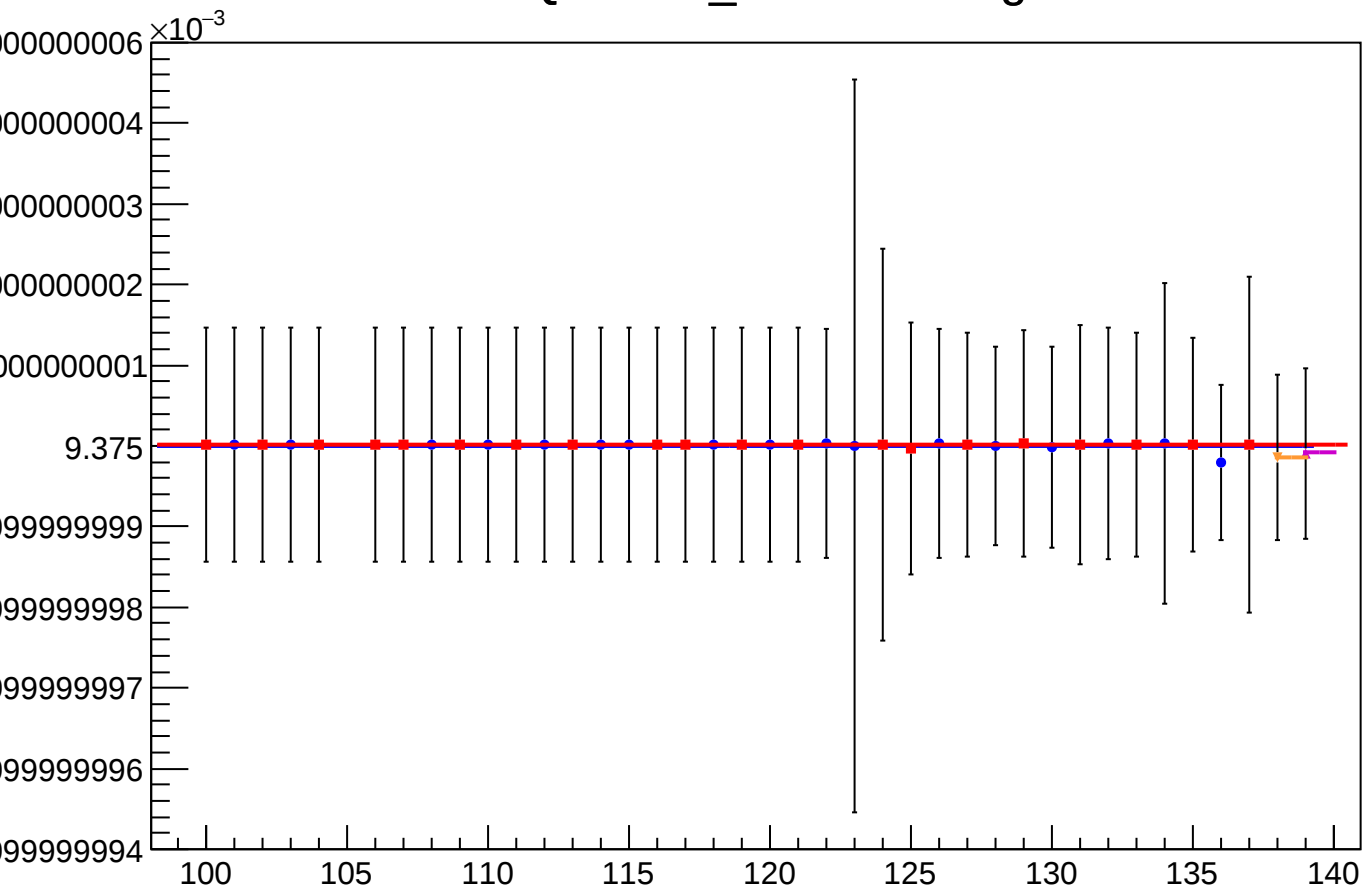
Right Out: -0.000+/-0.000 χ^2/NDF : 205320369613969110859776.0/19

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

-0.000+/-0.000 χ^2/NDF : 297517139683144070

-0.000+/-0.000 χ^2/NDF : 206023741816193886

MQ171LM_mean vs Slug



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/16

Left Out: 0.009+/-0.000 χ^2/NDF : 0.0/0

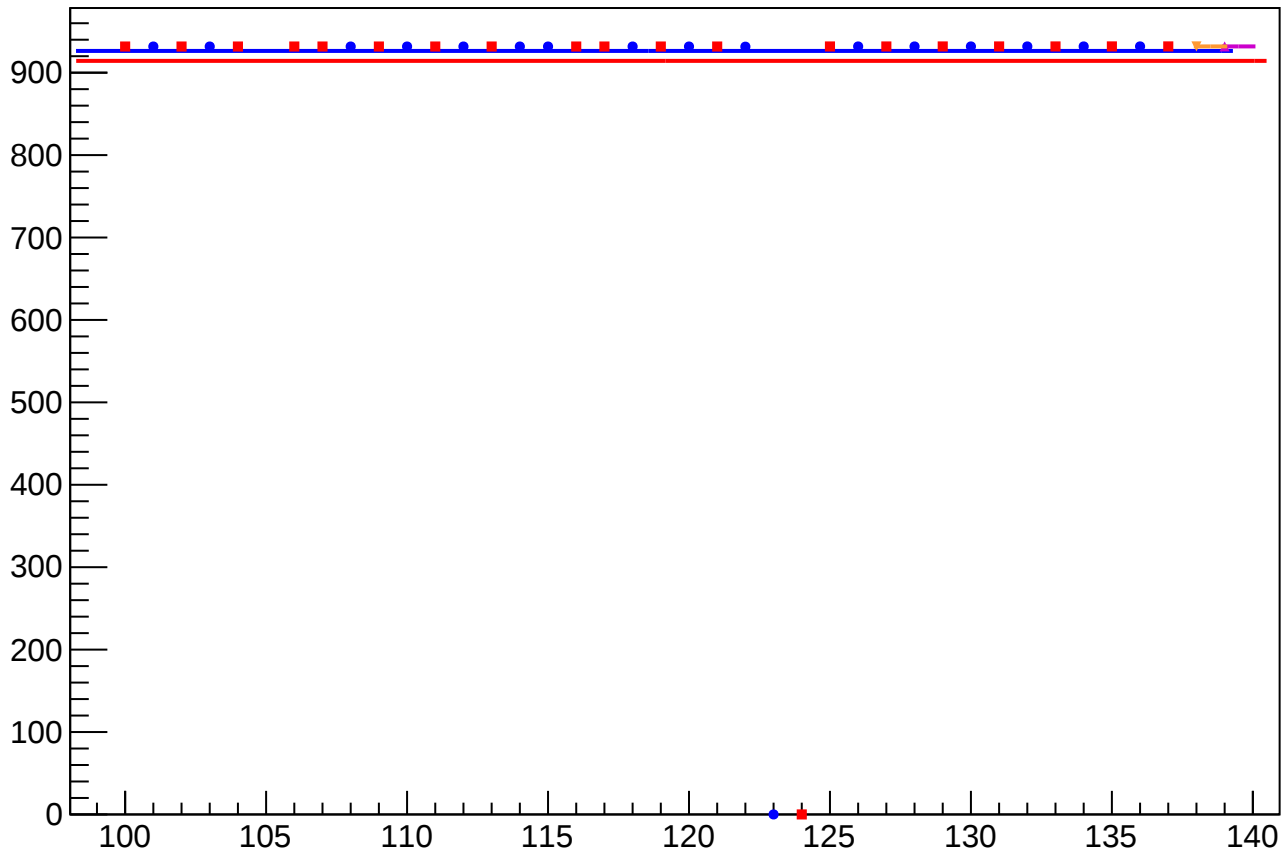
Right Out: 0.009+/-0.000 χ^2/NDF : 0.0/19

Left In: 0.009+/-0.000 χ^2/NDF : 0.0/0

0.009+/-0.000 χ^2/NDF : 0.1/17

0.009+/-0.000 χ^2/NDF : 0.0/20

HacL_Q2_HP3458A_IOUT_mean vs Slug



Right In: 926.386+/-0.000 χ^2/NDF : 3452467754227541020877770418970165248.0/16

Left Out: 931.862+/-0.000 χ^2/NDF : 1008126.4/0

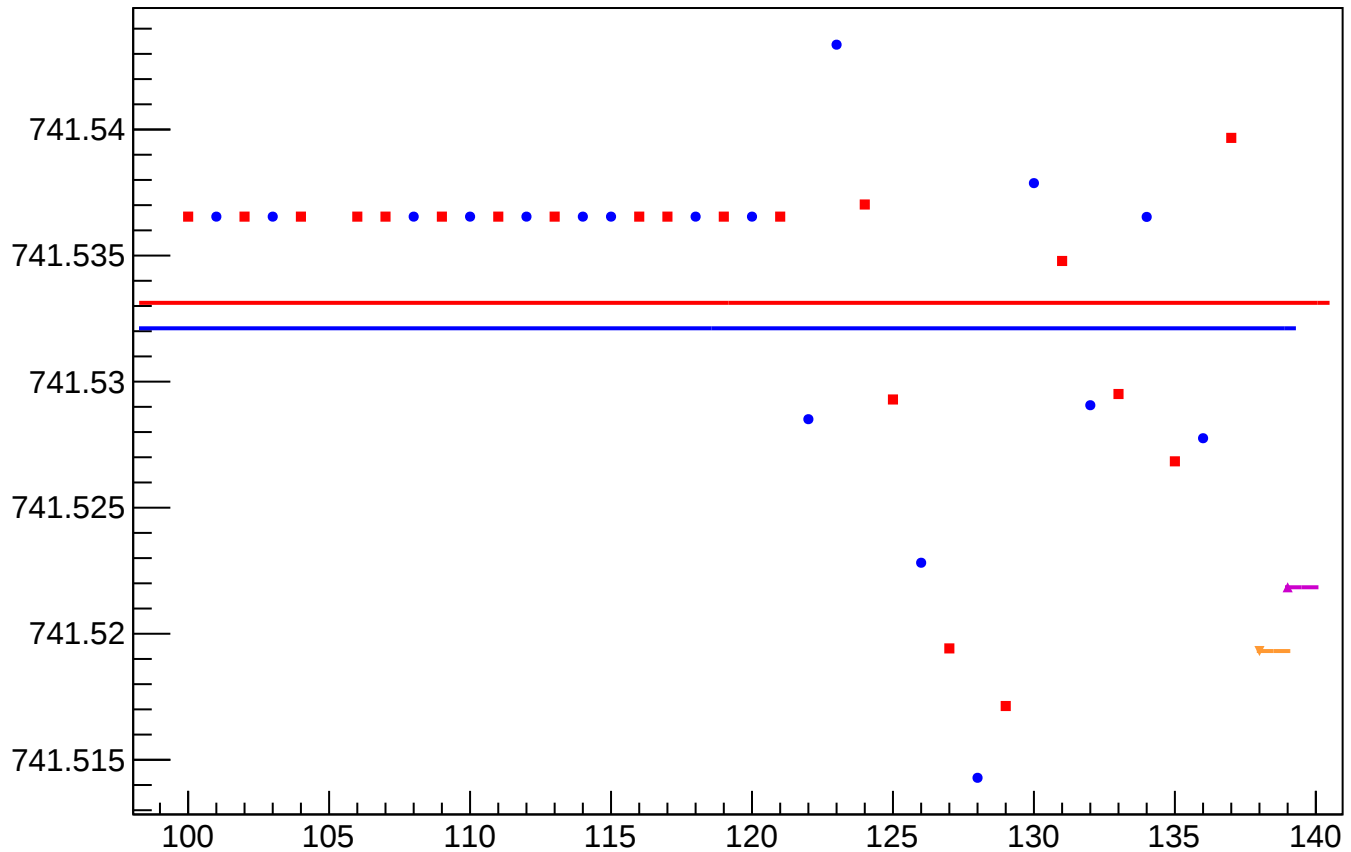
Right Out: 914.329+/-0.000 χ^2/NDF : 11926383090568783667643627436949635072.0/19

Left In: 931.867+/-0.000 χ^2/NDF : 0.0/0

926.940+/-0.000 χ^2/NDF : 34545701863542760

915.908+/-0.000 χ^2/NDF : 11947095377528928

HacL_D1_HP3458A_IOUT_mean vs Slug



Right In: 741.532+/-0.000 χ^2/NDF : 32849351469491643197637525504.0/16

Left Out: 741.519+/-0.000 χ^2/NDF : 1008126.4/0

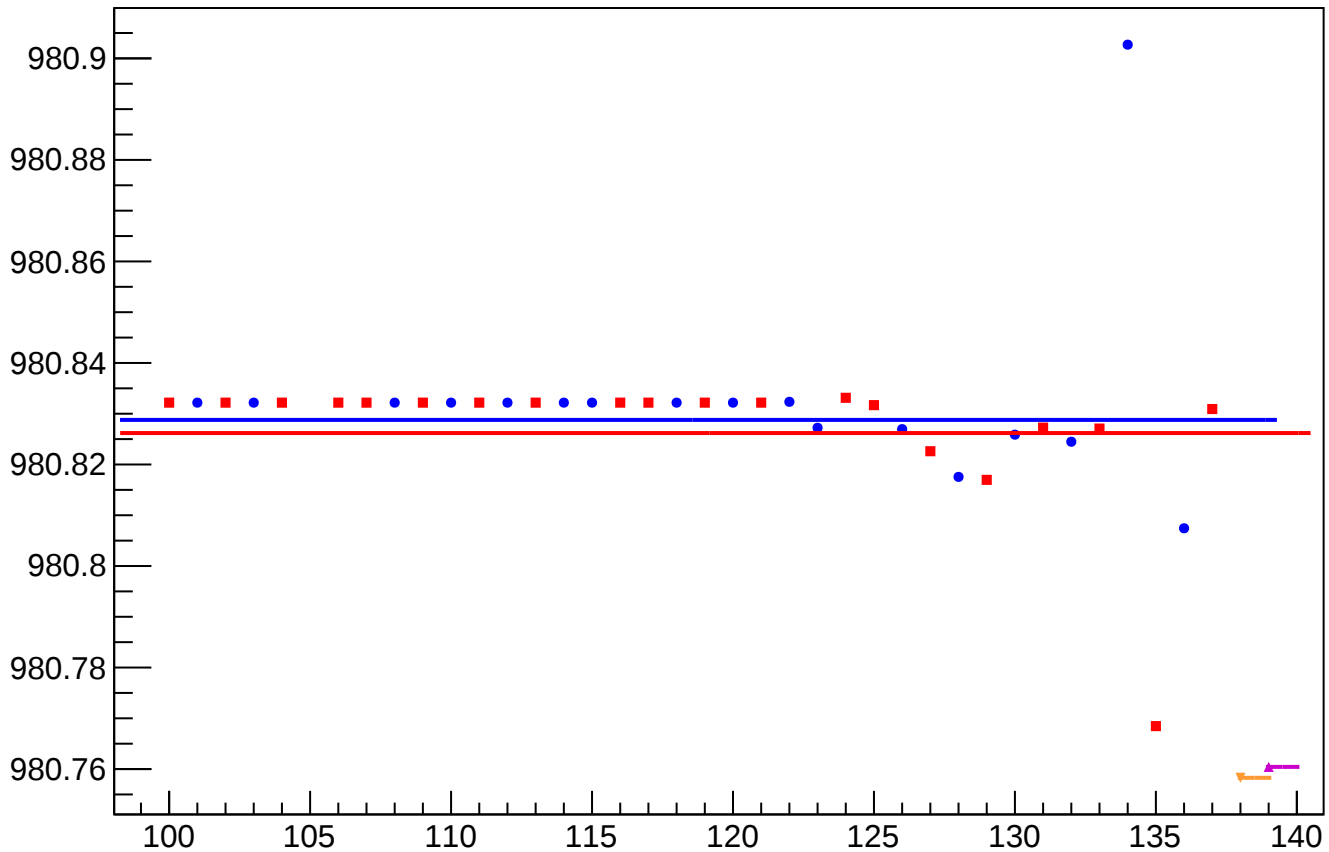
Right Out: 741.533+/-0.000 χ^2/NDF : 28343010063633014145849229312.0/19

Left In: 741.522+/-0.000 χ^2/NDF : 956427.6/0

741.531+/-0.000 χ^2/NDF : 44339309344121585

741.532+/-0.000 χ^2/NDF : 36914239591091147

HacL_Q3_HP3458A_IOUT_mean vs Slug



Right In: 980.829+/-0.000 χ^2/NDF : 167564898661061940746253238272.0/16

Left Out: 980.758+/-0.000 χ^2/NDF : 1008126.4/0

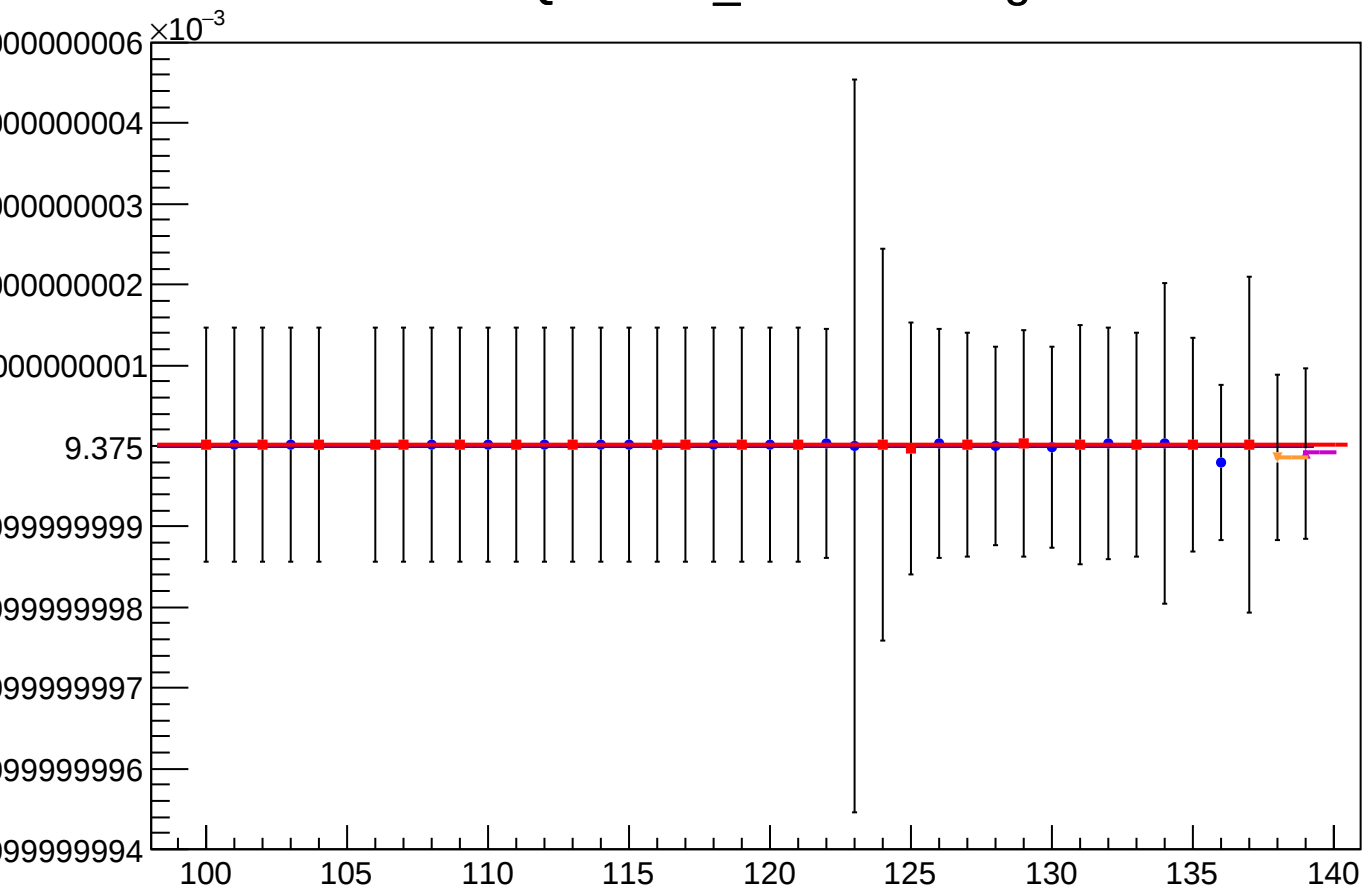
Right Out: 980.826+/-0.000 χ^2/NDF : 179755692387407514348787073024.0/19

Left In: 980.760+/-0.000 χ^2/NDF : 0.0/0

980.822+/-0.000 χ^2/NDF : 51604463857893202

980.820+/-0.000 χ^2/NDF : 47100532856230098

MQ172RM_mean vs Slug



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/16

Left Out: 0.009+/-0.000 χ^2/NDF : 0.0/0

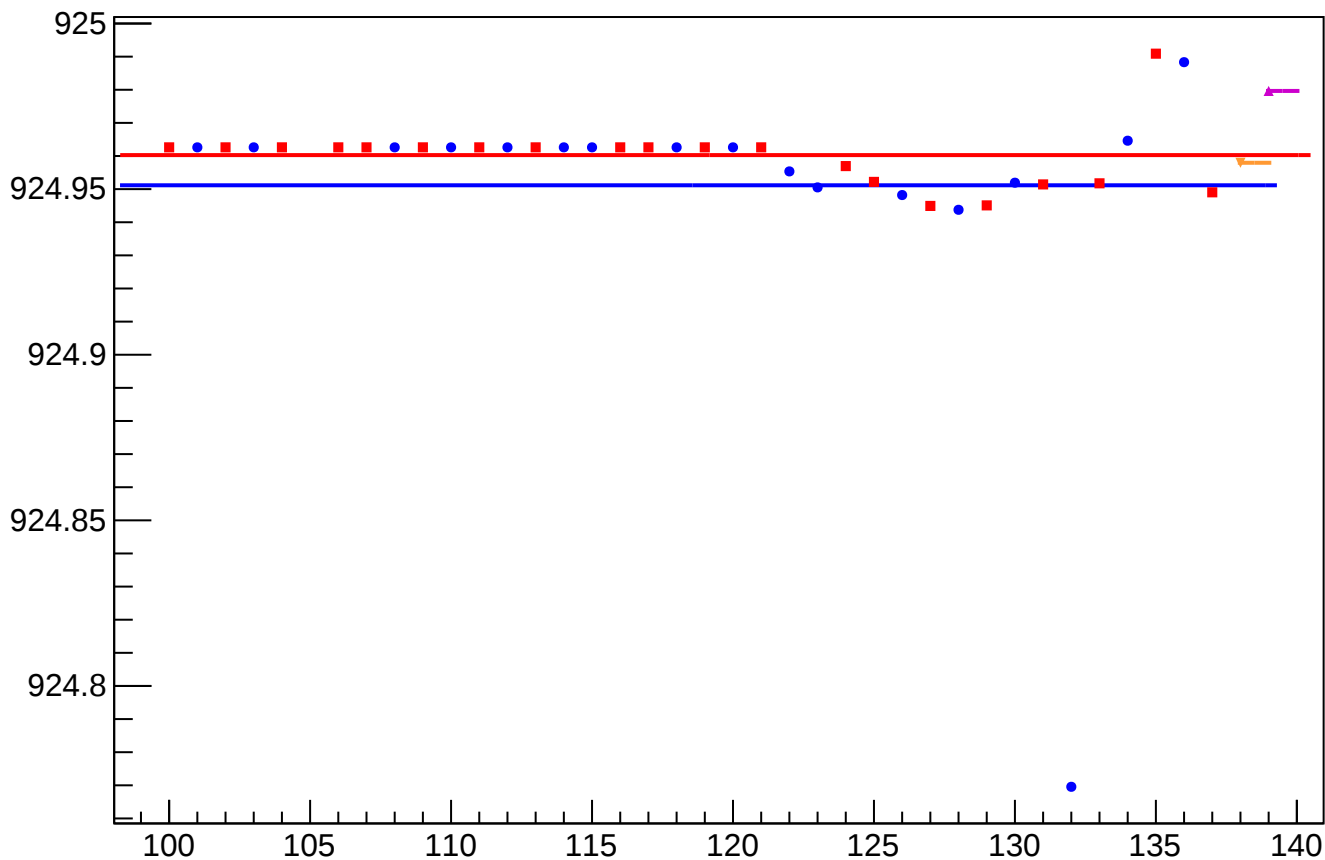
Right Out: 0.009+/-0.000 χ^2/NDF : 0.0/19

Left In: 0.009+/-0.000 χ^2/NDF : 0.0/0

0.009+/-0.000 χ^2/NDF : 0.1/17

0.009+/-0.000 χ^2/NDF : 0.0/20

HacR_Q2_HP3458A_IOUT_mean vs Slug



Right In: 924.951+/-0.000 χ^2/NDF : 1494768077098177221899893866496.0/16

Left Out: 924.958+/-0.000 χ^2/NDF : 0.0/0

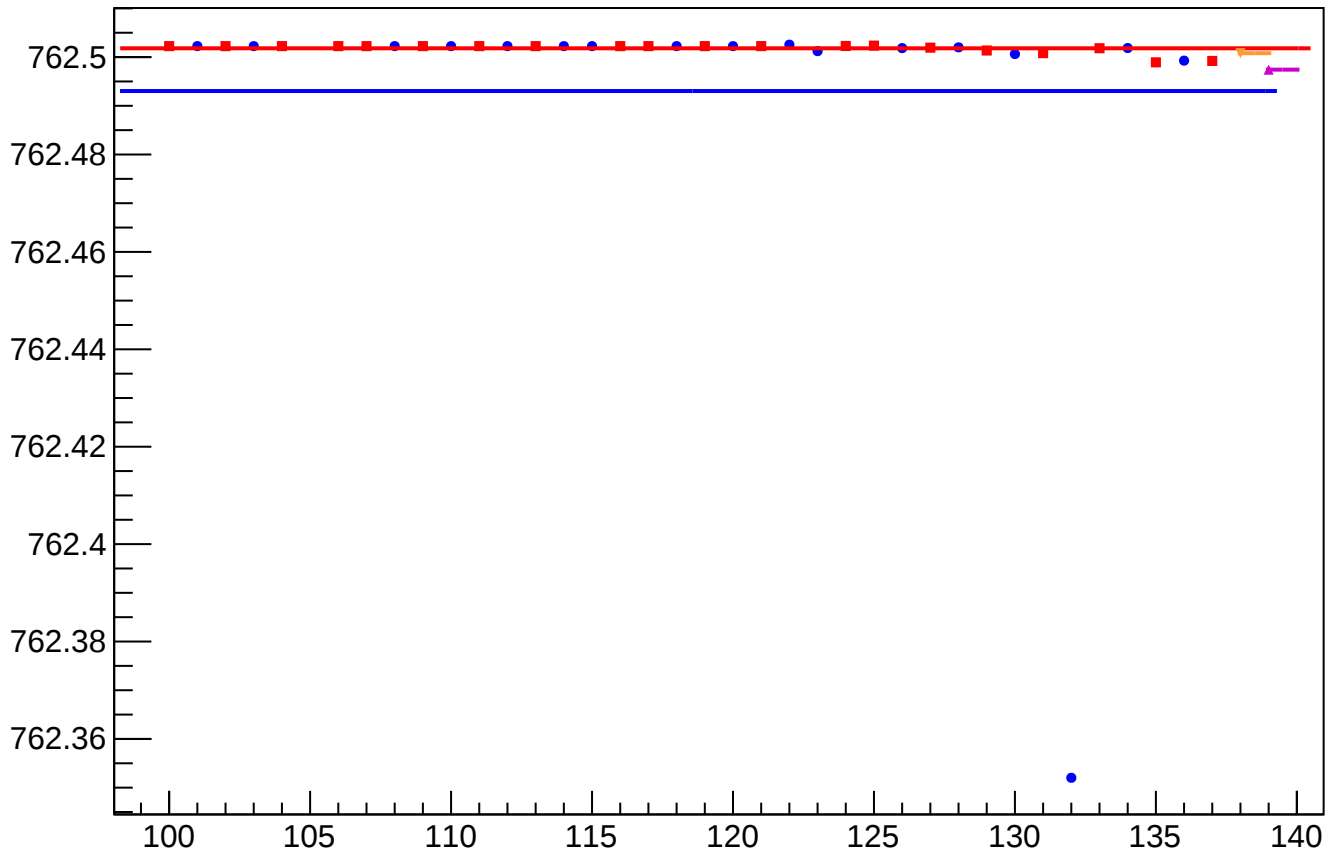
Right Out: 924.960+/-0.000 χ^2/NDF : 77324010756500300508572942336.0/19

Left In: 924.980+/-0.000 χ^2/NDF : 0.0/0

924.952+/-0.000 χ^2/NDF : 14980078739074664

924.962+/-0.000 χ^2/NDF : 10259315944374018

HacR_D1_HP3458A_IOUT_mean vs Slug



Right In: 762.493+/-0.000 χ^2/NDF : 844860490387532826187107663872.0/16

Left Out: 762.501+/-0.000 χ^2/NDF : 0.0/0

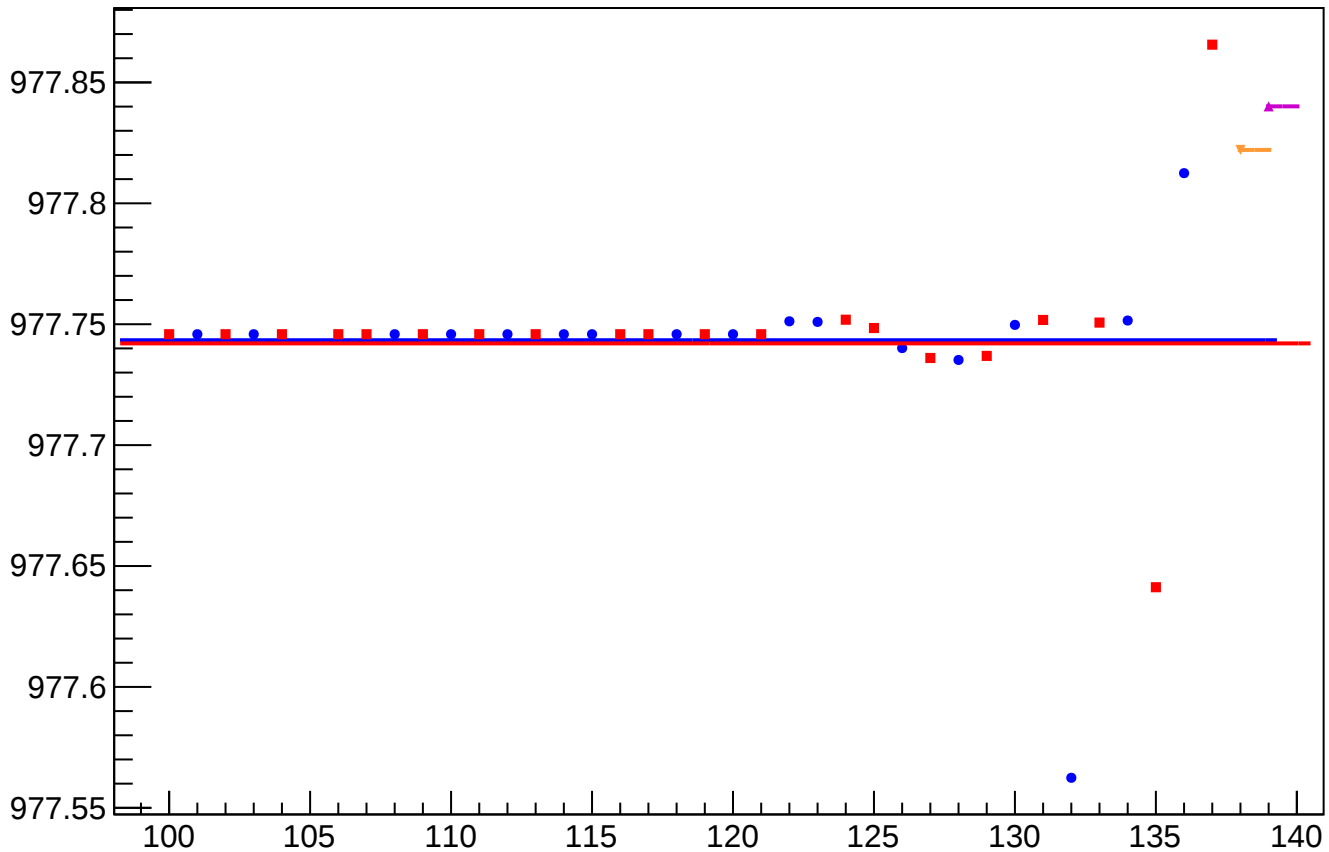
Right Out: 762.502+/-0.000 χ^2/NDF : 671534847335234231068524544.0/19

Left In: 762.497+/-0.000 χ^2/NDF : 956427.6/0

762.494+/-0.000 χ^2/NDF : 84908992311062316

762.501+/-0.000 χ^2/NDF : 19637594791056139

HacR_Q3_HP3458A_IOUT_mean vs Slug



Right In: 977.743+/-0.000 χ^2/NDF : 1742505979268316185481239855104.0/16

Left Out: 977.822+/-0.000 χ^2/NDF : 0.0/0

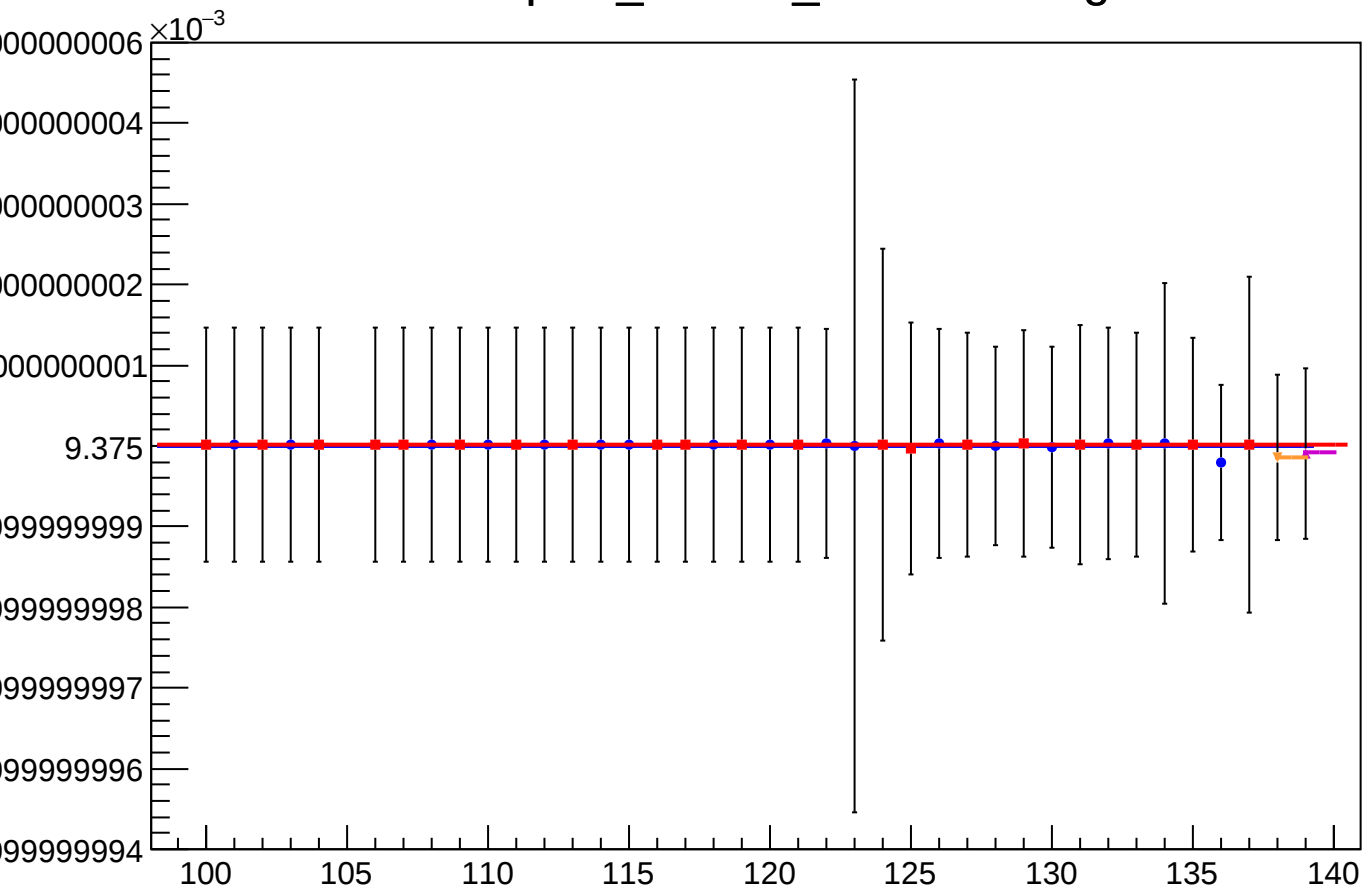
Right Out: 977.742+/-0.000 χ^2/NDF : 786821948031030942922994352128.0/19

Left In: 977.840+/-0.000 χ^2/NDF : 0.0/0

977.751+/-0.000 χ^2/NDF : 21767845314705650

977.751+/-0.000 χ^2/NDF : 14338943232931934

hesDipole_current_mean vs Slug



Right In: 0.009 $\pm$ 0.000 χ^2/NDF : 0.0/16

Left Out: 0.009 $\pm$ 0.000 χ^2/NDF : 0.0/0

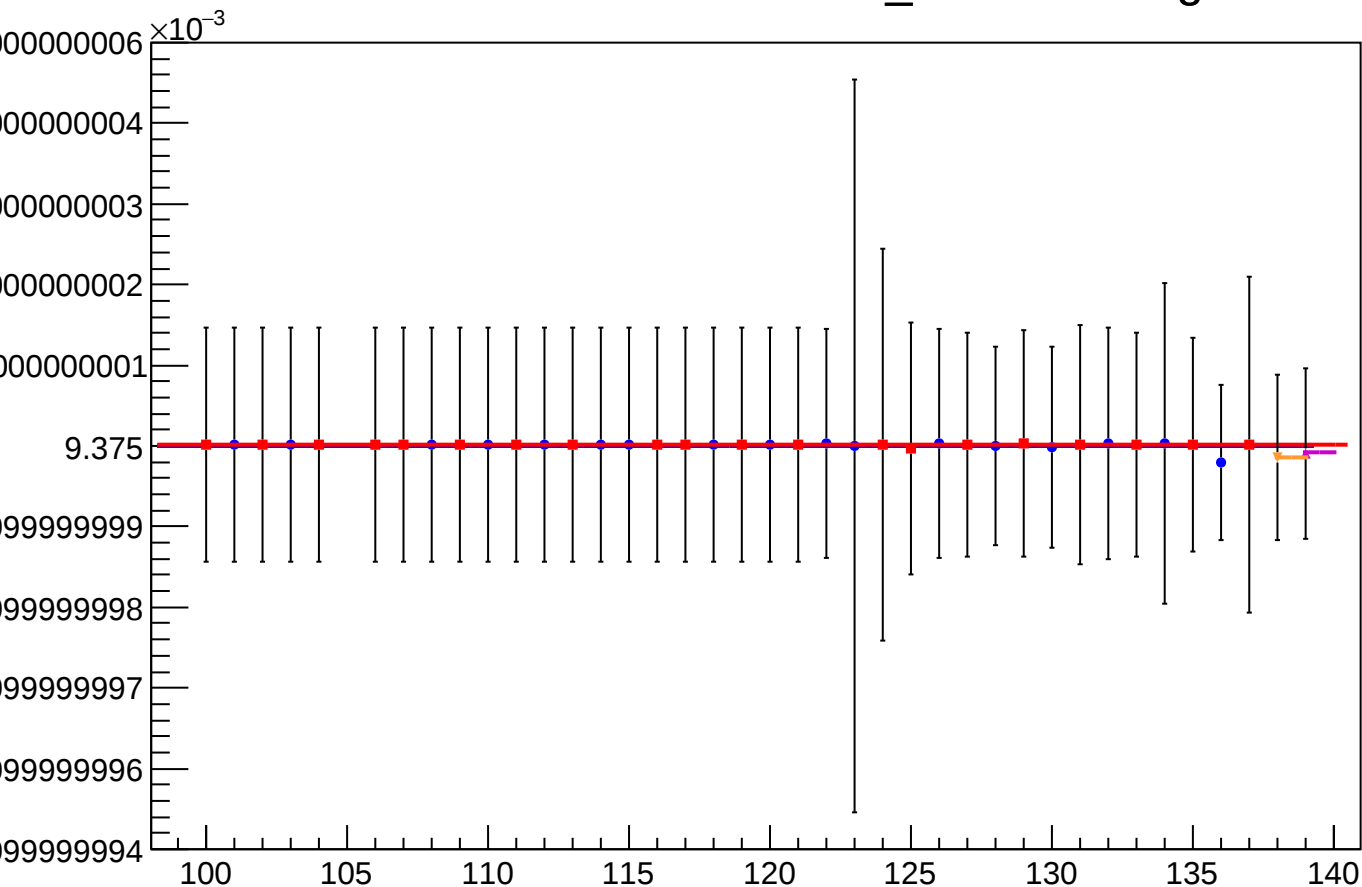
Right Out: 0.009 $\pm$ 0.000 χ^2/NDF : 0.0/19

Left In: 0.009 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.009 $\pm$ 0.000 χ^2/NDF : 0.1/17

0.009 $\pm$ 0.000 χ^2/NDF : 0.0/20

MSUPERBIGBITereadcalc_mean vs Slug



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/16

Left Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/0

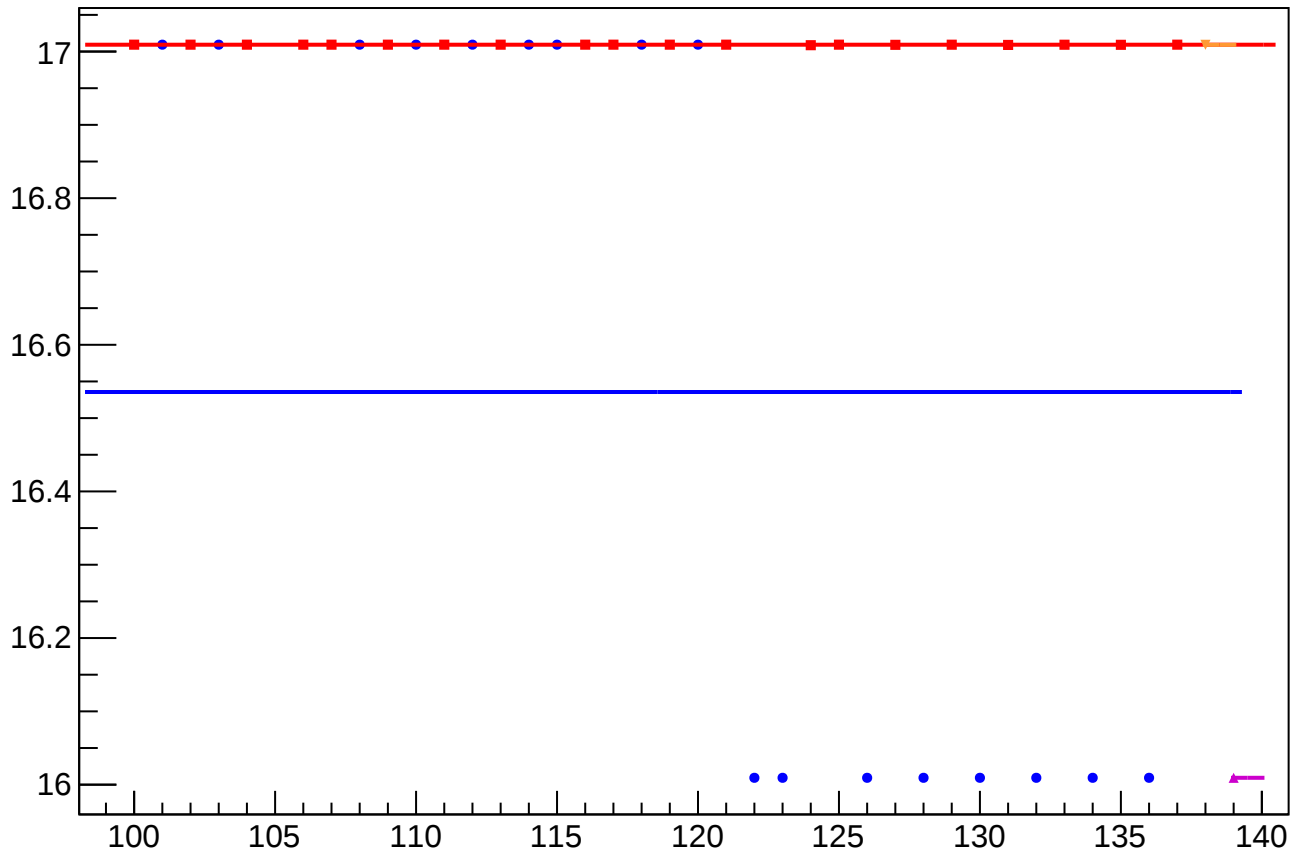
Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/19

Left In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/17

0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/20

IGL1I00DI24_24M_mean vs Slug



Right In: 16.536+/-0.000 χ^2/NDF : 166290854572710847195720592654336.0/16

Left Out: 17.009+/-0.000 χ^2/NDF : 0.0/0

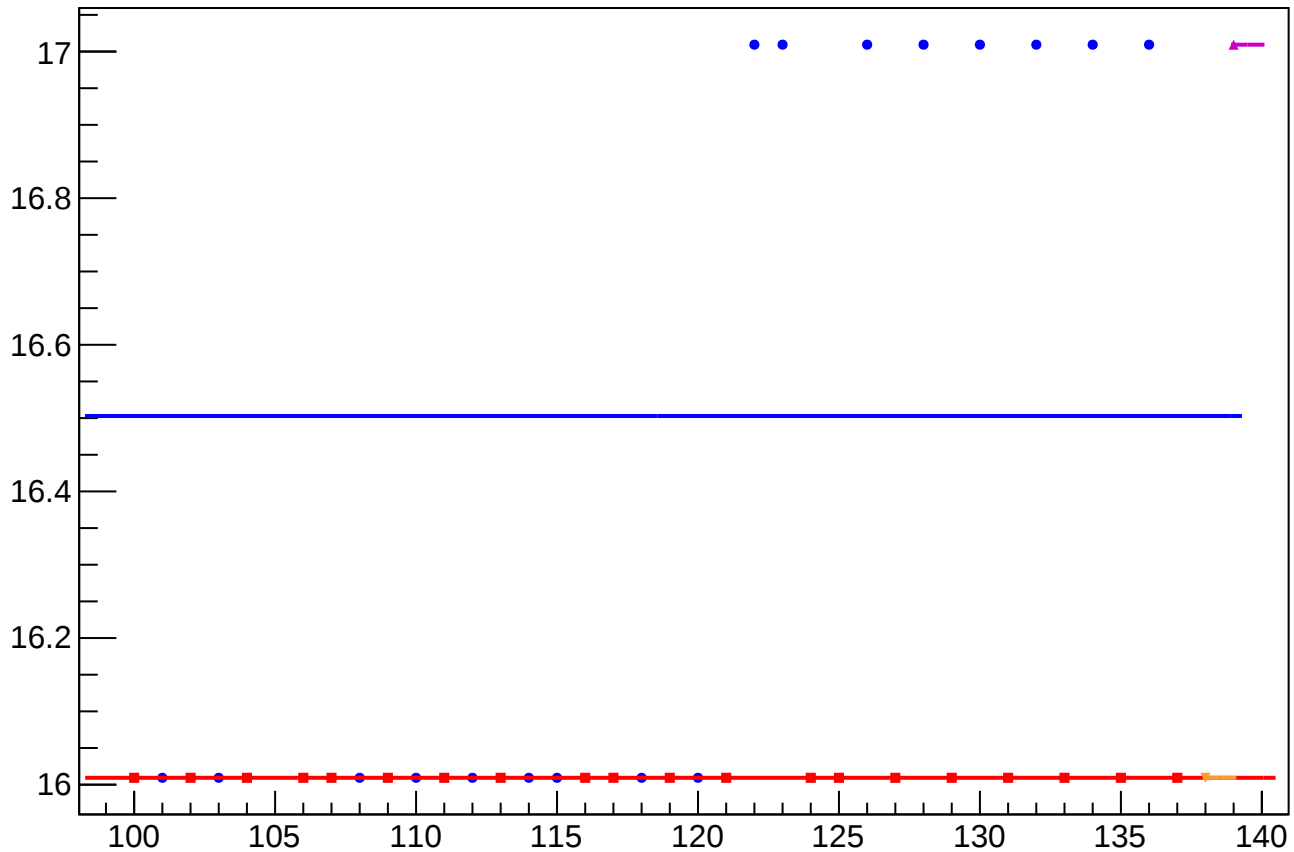
Right Out: 17.009+/-0.000 χ^2/NDF : 11540731635624530264719360.0/19

Left In: 16.009+/-0.000 χ^2/NDF : 0.0/0

16.579+/-0.000 χ^2/NDF : 180130750384523960.0/16

16.917+/-0.000 χ^2/NDF : 67190058332124542.0/16

IGL1I00OD16_16_mean vs Slug



Right In: 16.503+/-0.000 χ^2/NDF : 173220779220767859821342581850112.0/16

Left Out: 16.009+/-0.000 χ^2/NDF : 0.0/0

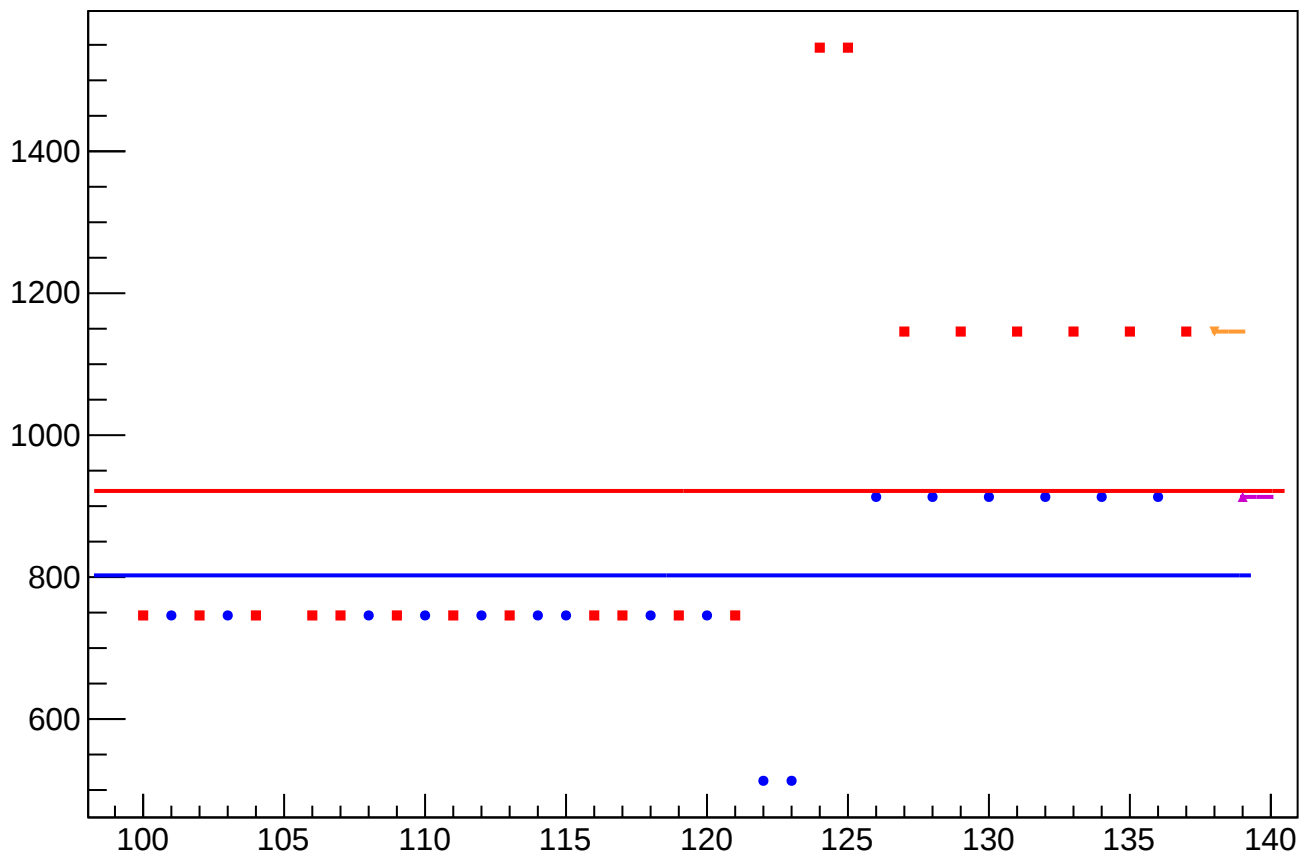
16.453+/-0.000 χ^2/NDF : 190295719844347263

Right Out: 16.009+/-0.000 χ^2/NDF : 51711.4/19

16.099+/-0.000 χ^2/NDF : 673381995133761468

Left In: 17.009+/-0.000 χ^2/NDF : 0.0/0

RTPAPOSUCNT_mean vs Slug



Right In: 802.433+/-0.000 χ^2/NDF : 8518512859792873312396438277176950784.0/16

Left Out: 1146.013+/-0.000 χ^2/NDF : 0.0/0

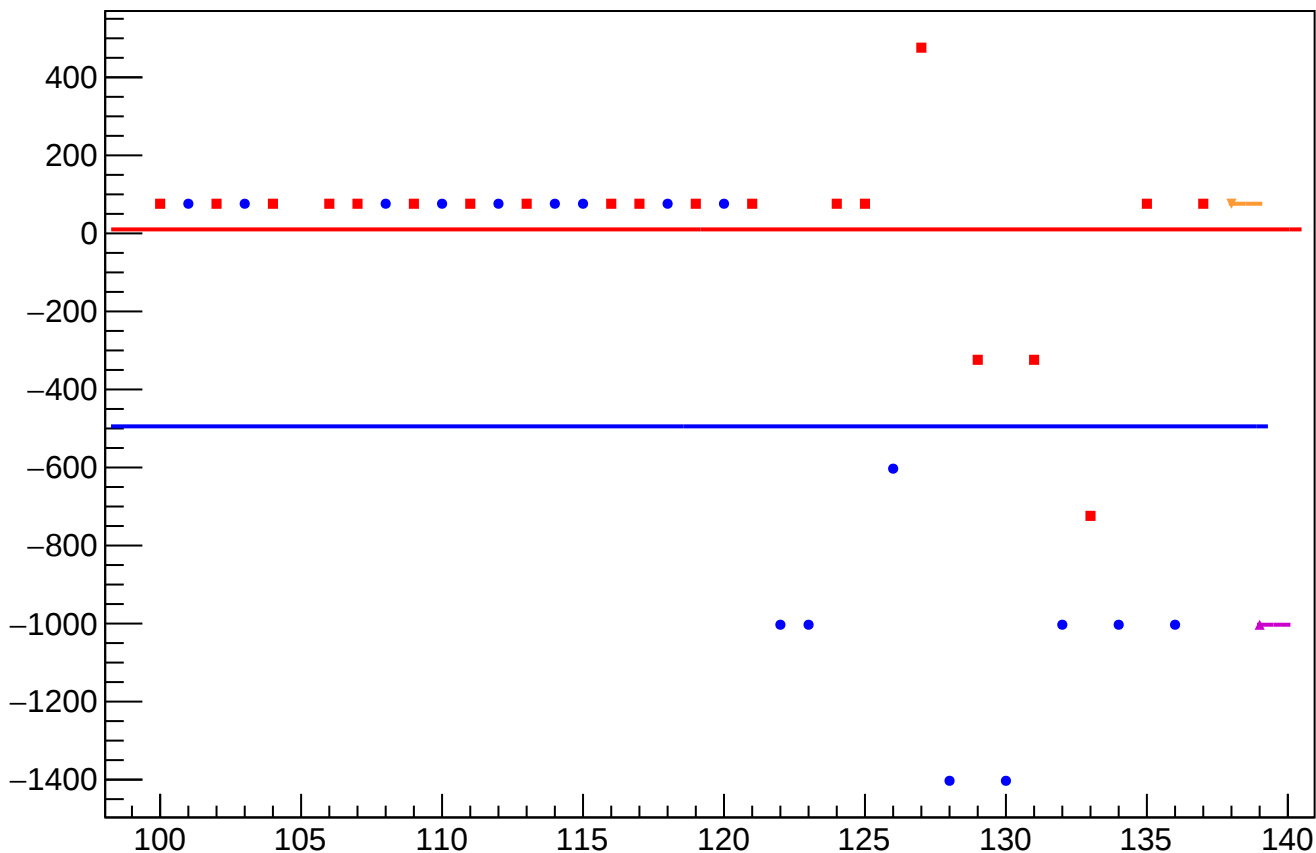
Right Out: 921.400+/-0.000 χ^2/NDF : 44830922812168808267288896825047646208.0/19

Left In: 912.991+/-0.000 χ^2/NDF : 956427.6/0

837.192+/-0.000 χ^2/NDF : 16794692566989437

920.643+/-0.000 χ^2/NDF : 44835684410177700

RTPAPOSVCNT_mean vs Slug



Right In: -494.579+/-0.000 χ^2/NDF : 253199546676747861412476401848126799872.0/16
 Left Out: 76.009+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 10.233+/-0.000 χ^2/NDF : 43963419681025124833204803444750155776.0/19
 Left In: -1002.991+/-0.000 χ^2/NDF : 956427.6/0