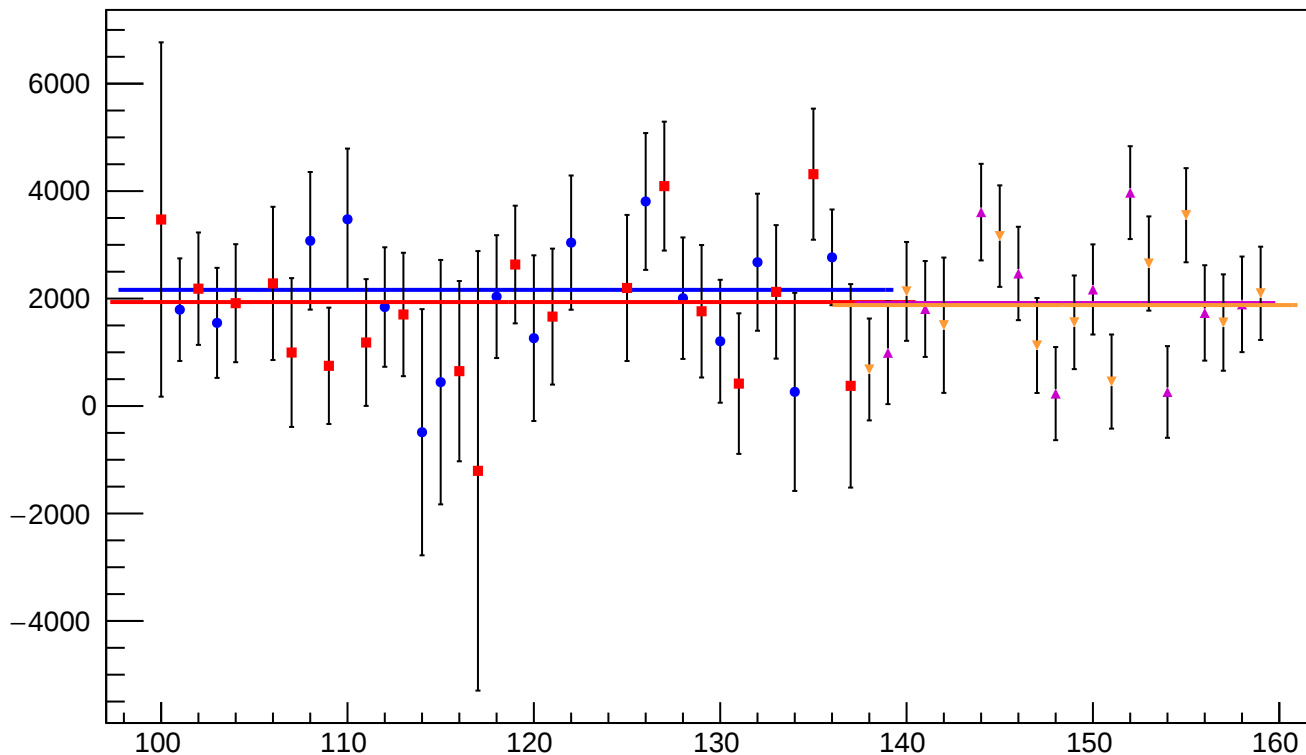


reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2162.311+/-307.312

χ^2/NDF : 8.9/15

Left Out: 1879.201+/-276.086

χ^2/NDF : 11.7/10

Right Out: 1935.183+/-299.773

χ^2/NDF : 13.2/18

Left In: 1916.821+/-278.302

χ^2/NDF : 18.2/9

2005.646+/-205.377

χ^2/NDF : 21.1/26

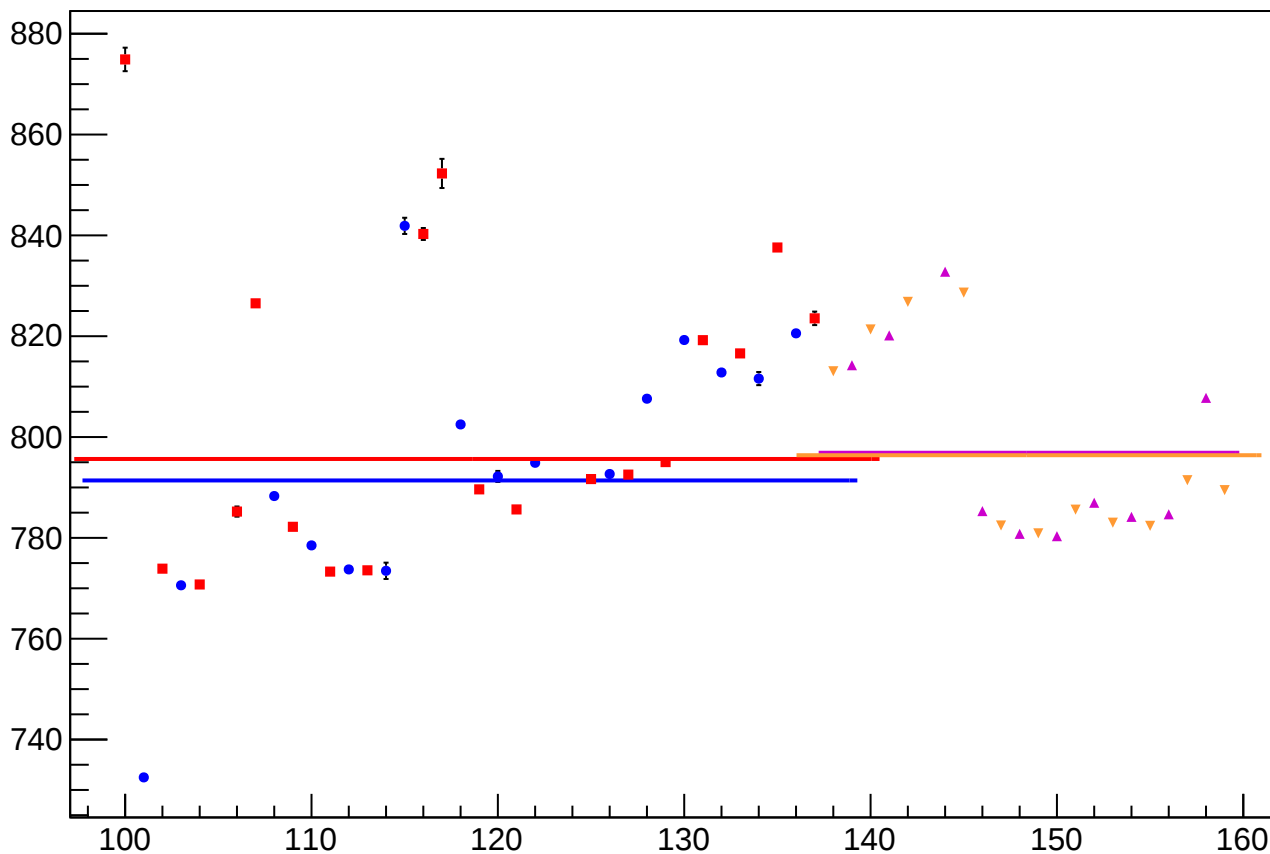
1965.205+/-144.719

χ^2/NDF : 52.7/55

1925.321+/-203.958

χ^2/NDF : 31.5/28

reg_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 796.395+/-0.195 χ^2/NDF : 8184.9/10

Right Out: 795.650+/-0.212 χ^2/NDF : 11945.4/18

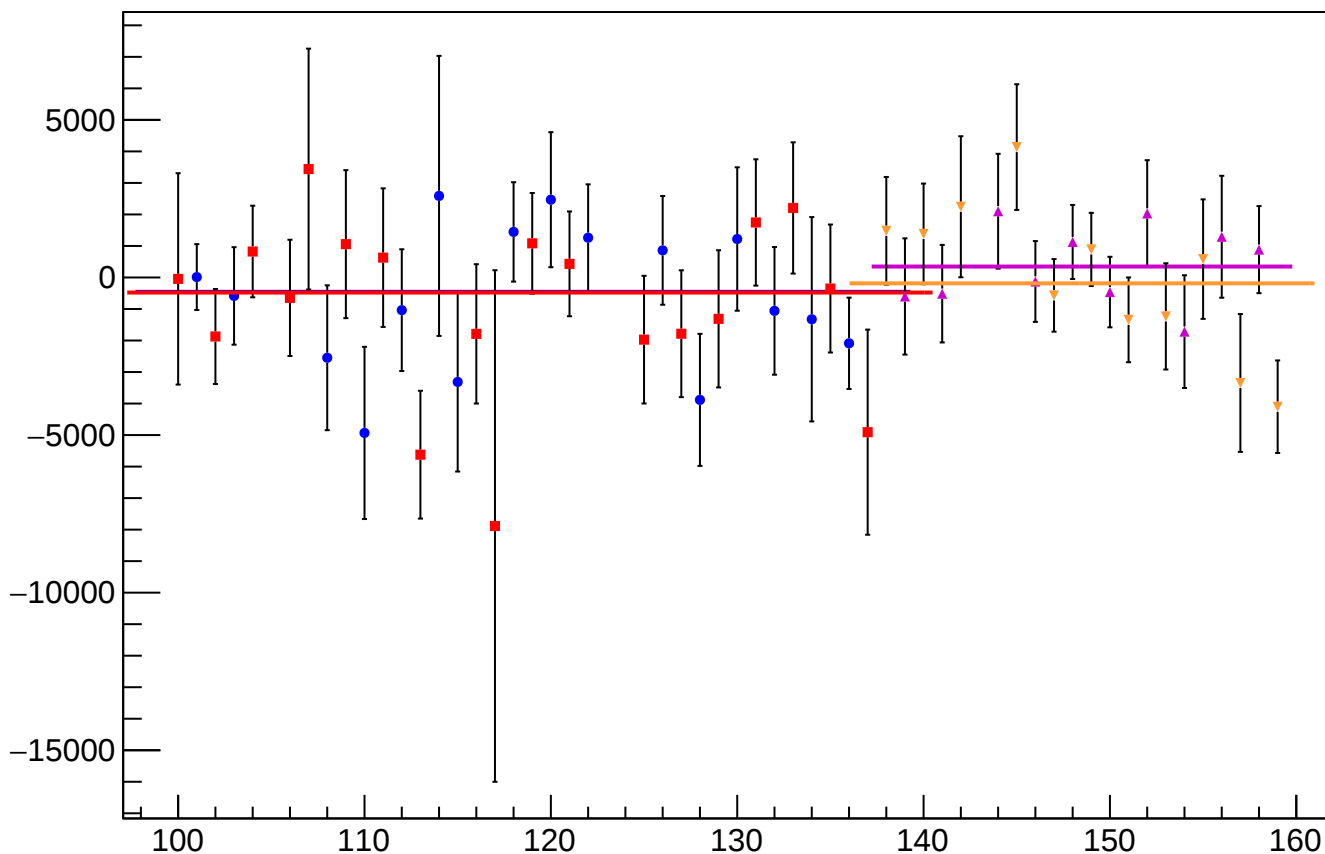
Left In: 796.882+/-0.197 χ^2/NDF : 8419.8/9

794.160+/-0.145 χ^2/NDF : 23486.7/26

795.243+/-0.102 χ^2/NDF : 43980.6/55

796.312+/-0.144 χ^2/NDF : 20383.3/28

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -186.128+/-469.363 χ^2/NDF : 19.3/10

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

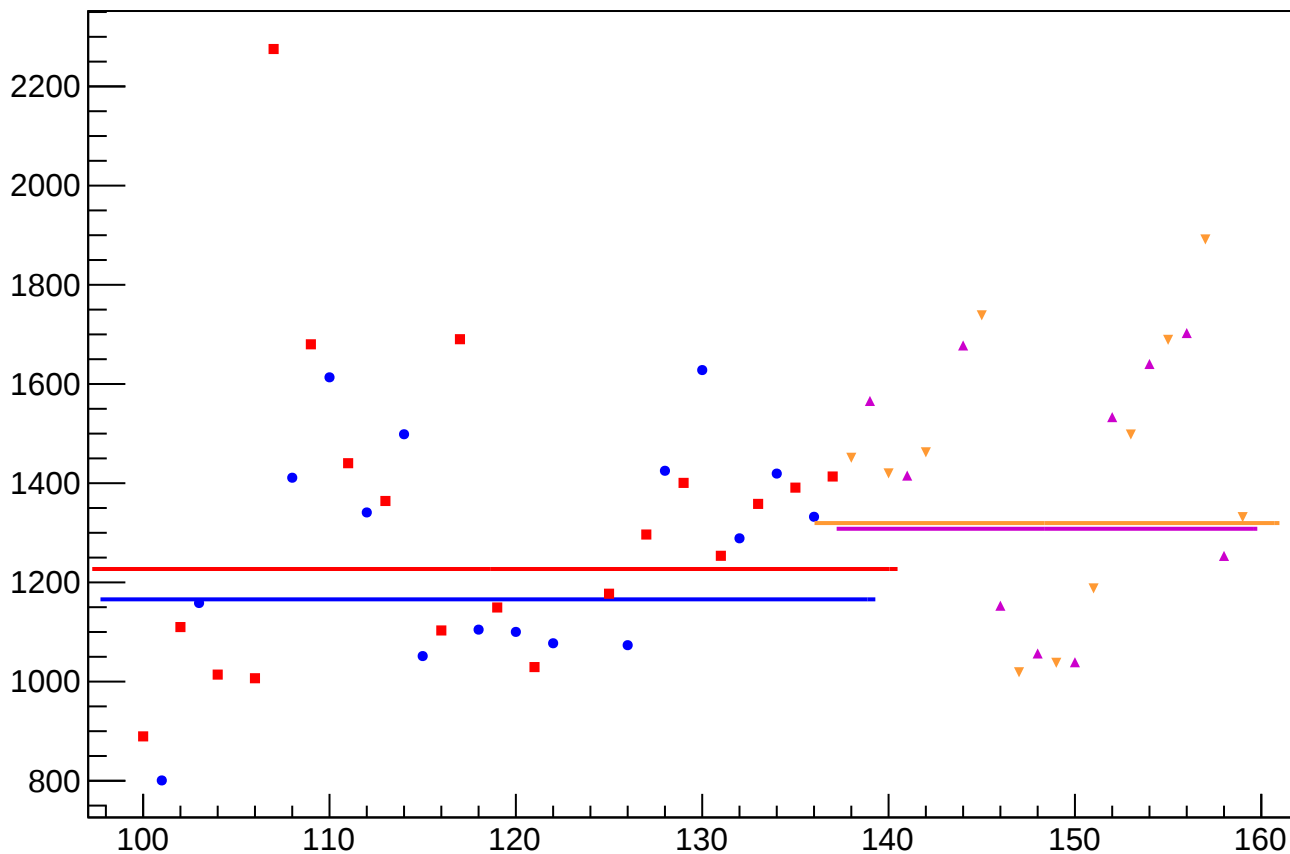
Left In: 347.026+/-466.260 χ^2/NDF : 5.3/9

-322.383+/-330.061 χ^2/NDF : 34.3/26

-192.021+/-233.963 χ^2/NDF : 59.6/55

-60.367+/-331.693 χ^2/NDF : 25.0/28

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1319.618 $\pm$ 0.332 χ^2 /NDF: 625084.8/10

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

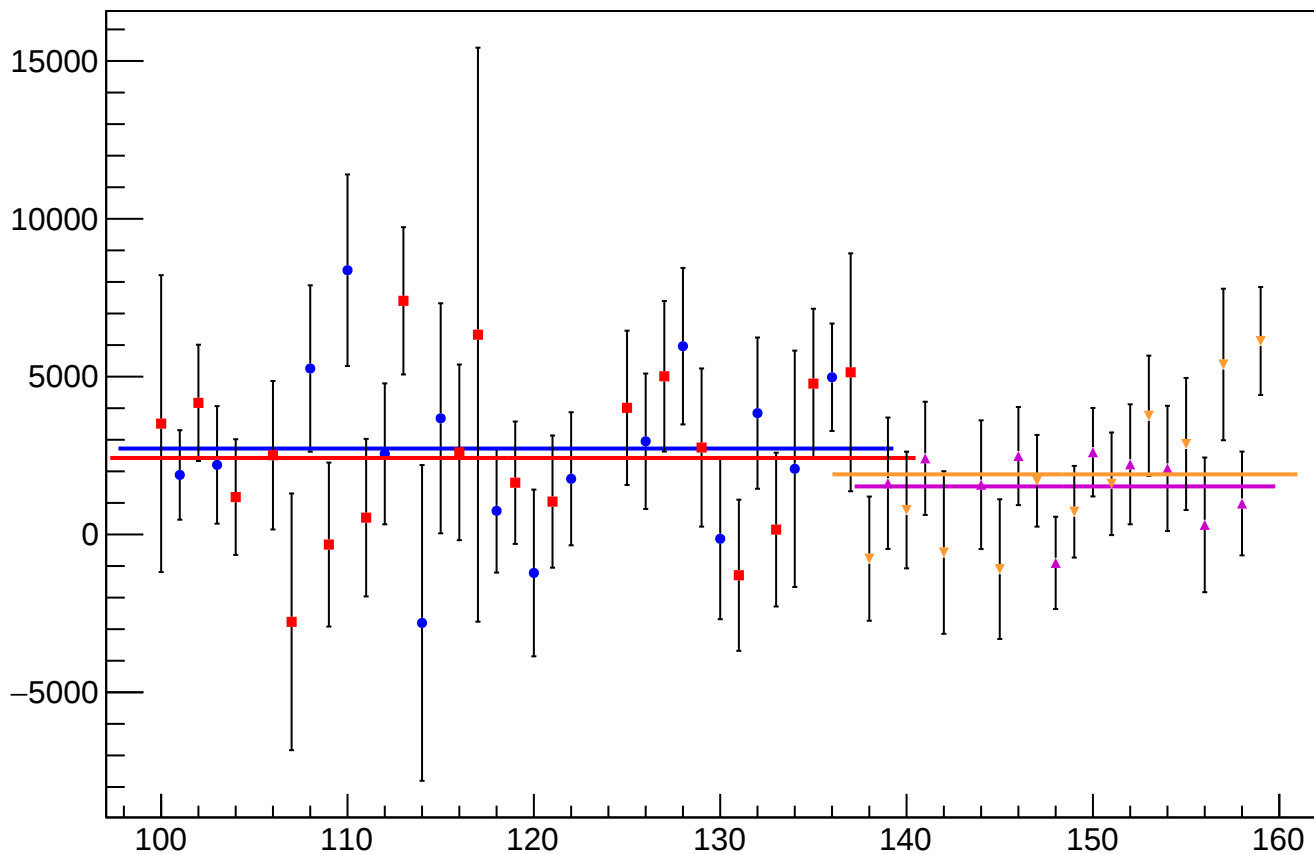
Left In: 1308.114 $\pm$ 0.330 χ^2 /NDF: 558530.7/9

1241.870 $\pm$ 0.233 χ^2 /NDF: 1260448.2/26

1254.900 $\pm$ 0.165 χ^2 /NDF: 2302087.4/55

1268.060 $\pm$ 0.235 χ^2 /NDF: 1035373.8/28

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2722.309 $\pm$ 567.154 χ^2 /NDF: 14.6/15

Left Out: 1905.132 $\pm$ 554.516 χ^2 /NDF: 15.1/10

Right Out: 2423.739 $\pm$ 567.866 χ^2 /NDF: 16.5/18

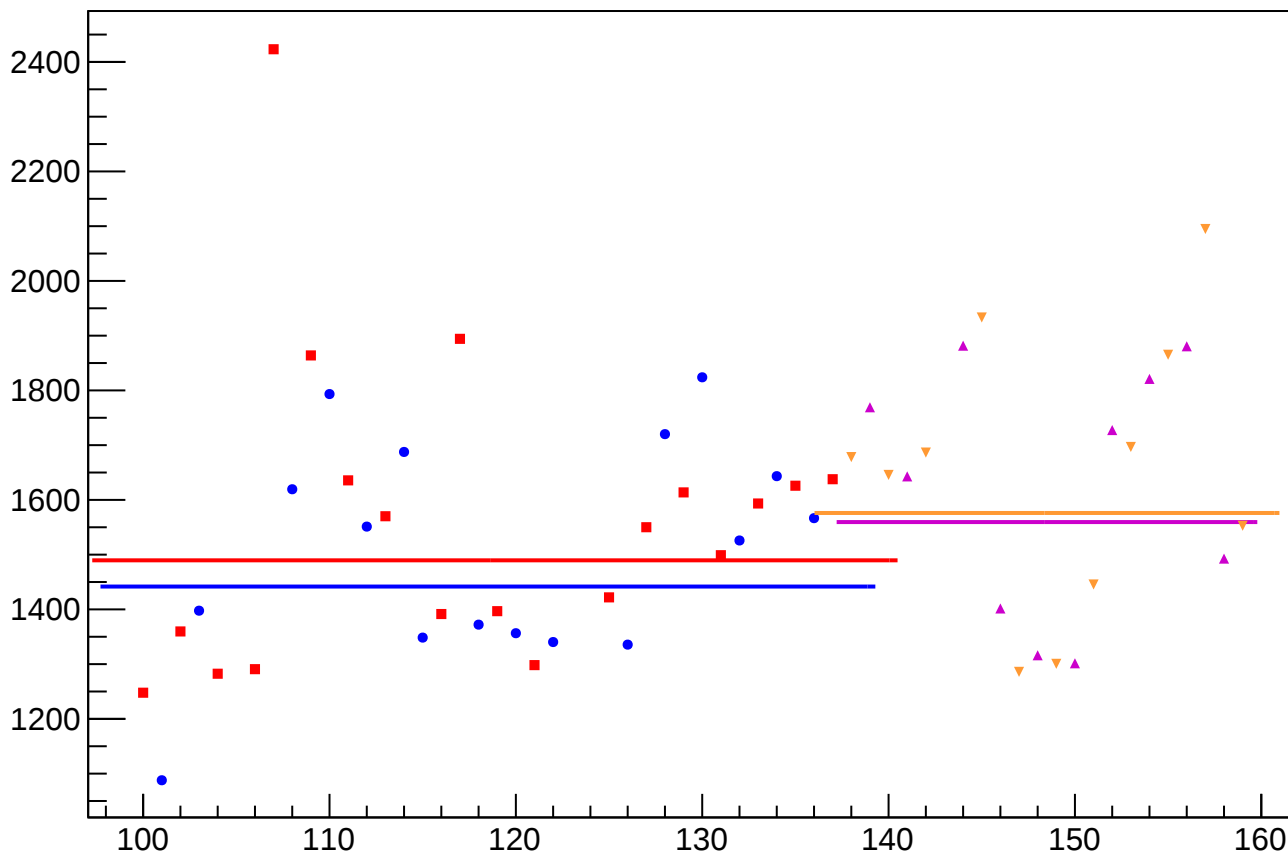
Left In: 1522.830 $\pm$ 550.918 χ^2 /NDF: 4.6/9

2304.515 $\pm$ 396.495 χ^2 /NDF: 30.7/26

2131.607 $\pm$ 279.981 χ^2 /NDF: 53.5/55

1959.640 $\pm$ 395.414 χ^2 /NDF: 22.4/28

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1576.112+/-0.392 χ^2/NDF : 368688.5/10

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

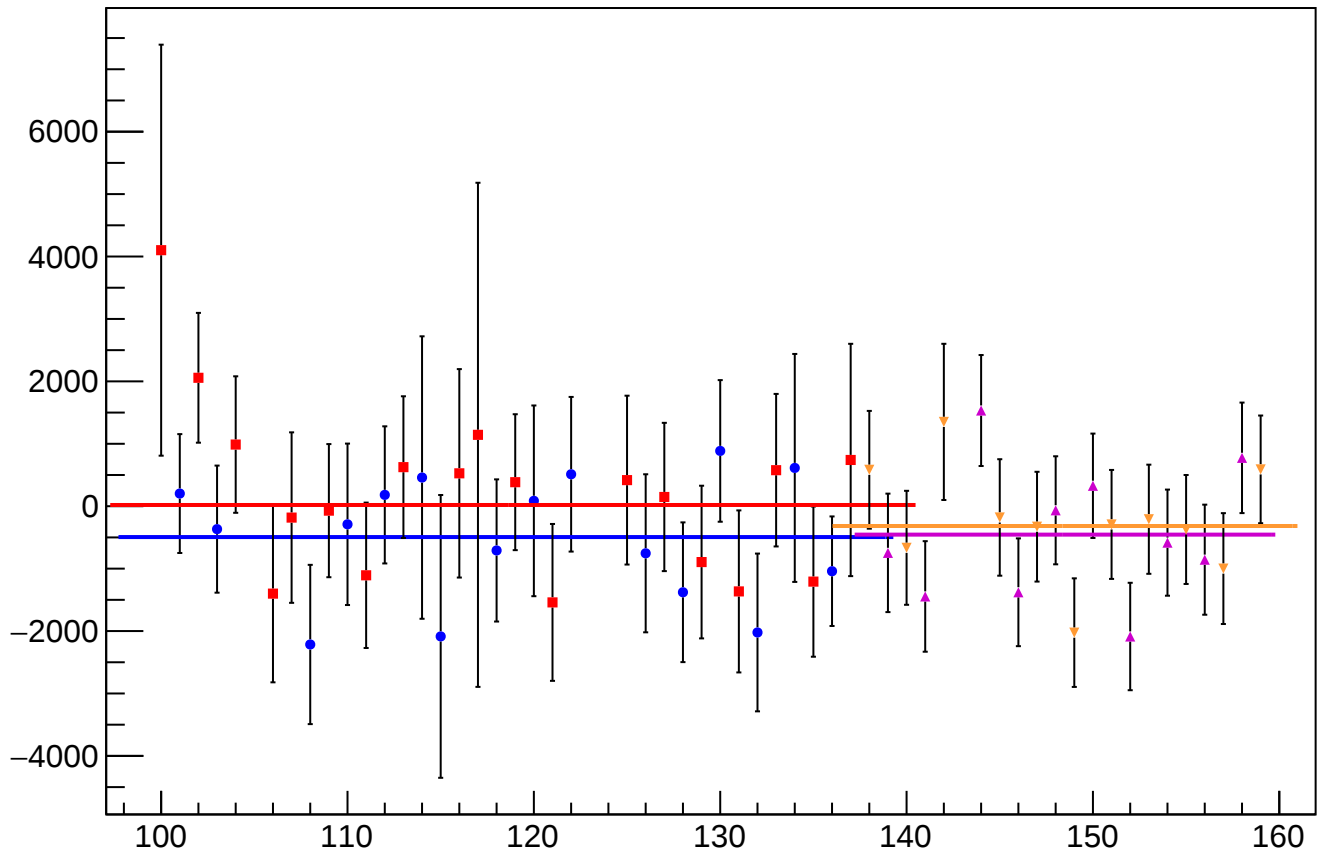
Left In: 1559.500+/-0.390 χ^2/NDF : 317457.5/9

1510.430+/-0.280 χ^2/NDF : 702005.9/26

1518.043+/-0.198 χ^2/NDF : 1296656.0/55

1525.613+/-0.280 χ^2/NDF : 593179.7/28

reg_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -494.223 ± 304.644 $\chi^2/\text{NDF}: 8.7/15$

Left Out: -317.057 ± 274.501 $\chi^2/\text{NDF}: 8.4/10$

Right Out: 19.622 ± 296.930 $\chi^2/\text{NDF}: 13.4/18$

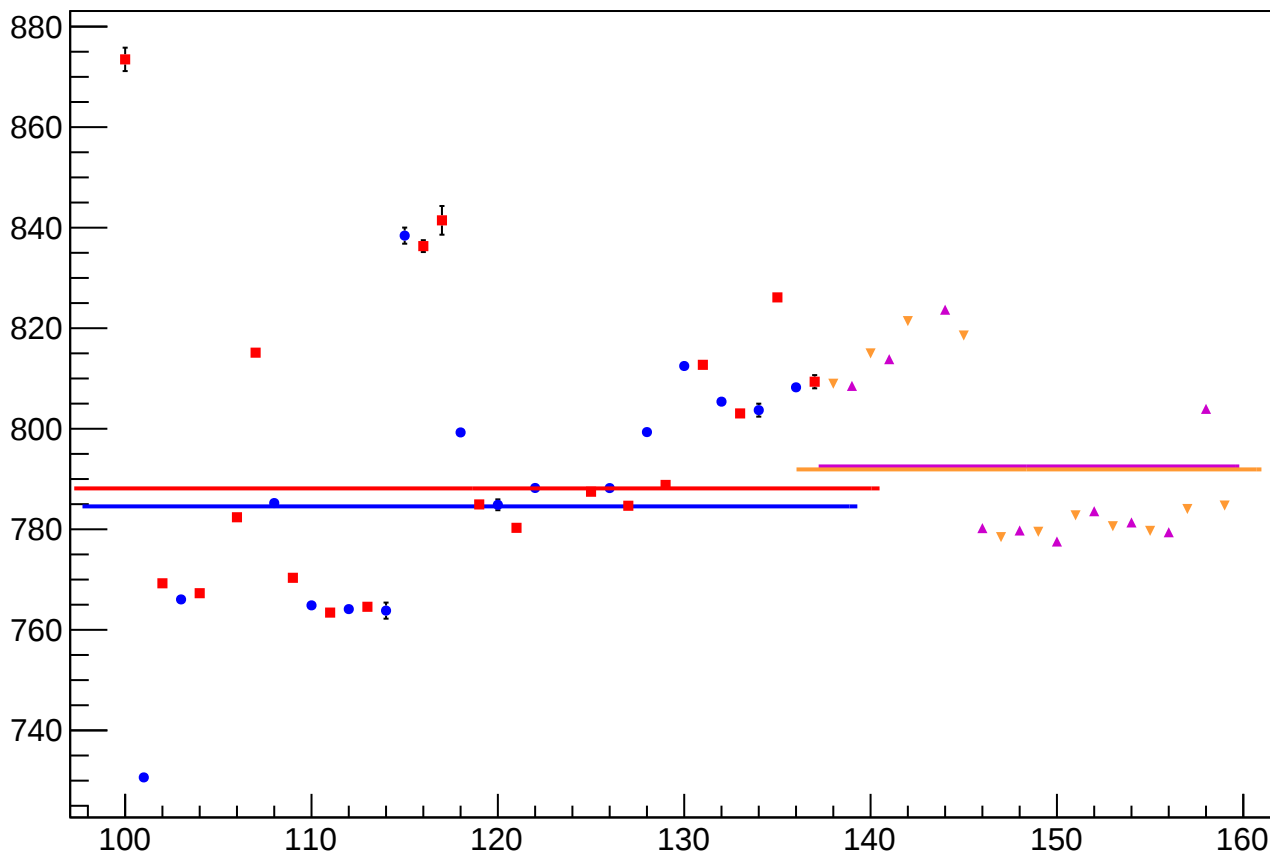
Left In: -455.247 ± 276.754 $\chi^2/\text{NDF}: 14.3/9$

-396.444 ± 203.928 $\chi^2/\text{NDF}: 17.3/26$

-314.880 ± 143.674 $\chi^2/\text{NDF}: 46.7/55$

-234.493 ± 202.452 $\chi^2/\text{NDF}: 29.1/28$

reg_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 791.912+/-0.194 χ^2/NDF : 6790.7/10

Right Out: 788.617+/-0.210 χ^2/NDF : 11259.7/18

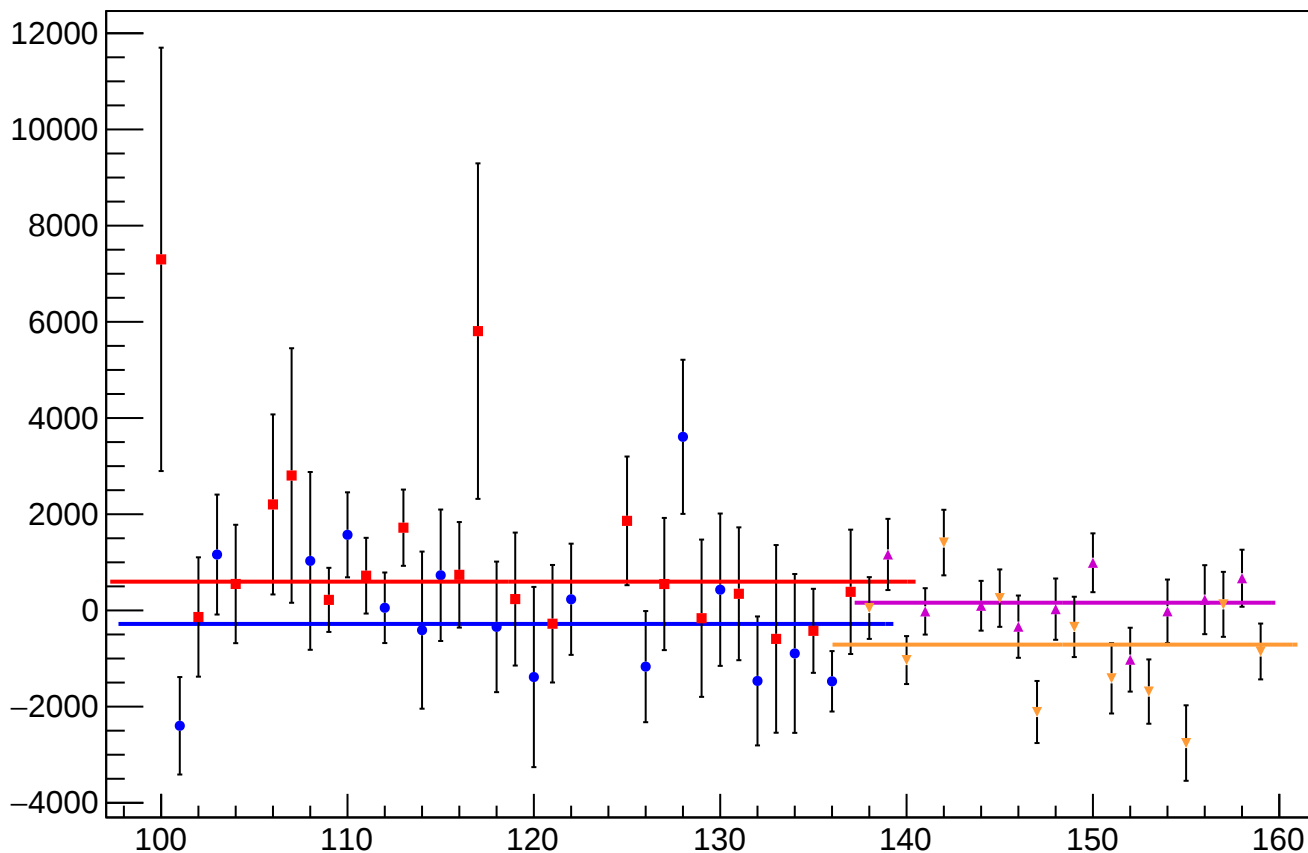
Left In: 792.502+/-0.196 χ^2/NDF : 7001.0/9

788.617+/-0.144 χ^2/NDF : 21111.8/26

789.551+/-0.102 χ^2/NDF : 39687.3/55

790.472+/-0.143 χ^2/NDF : 18492.3/28

asym_us_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -710.790+/-191.604 χ^2/NDF :30.6/10

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

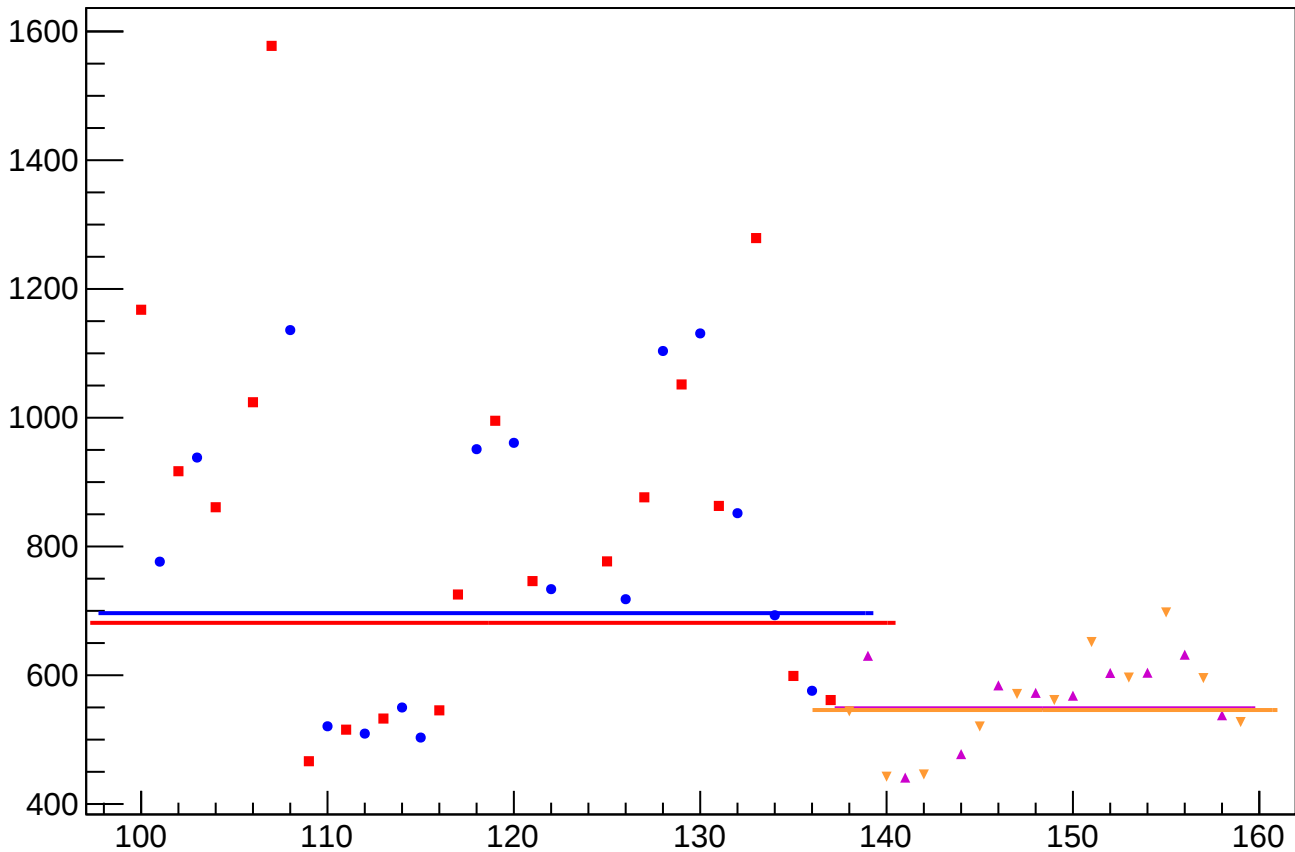
Left In: 160.307+/-193.395 χ^2/NDF :8.5/9

-575.258+/-158.572 χ^2/NDF : 55.3/26

-131.349+/-111.791 χ^2/NDF : 93.3/55

307.276+/-157.626 χ^2/NDF : 22.4/28

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 545.976 $\pm$ 0.135 χ^2/NDF : 277810.4/10

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

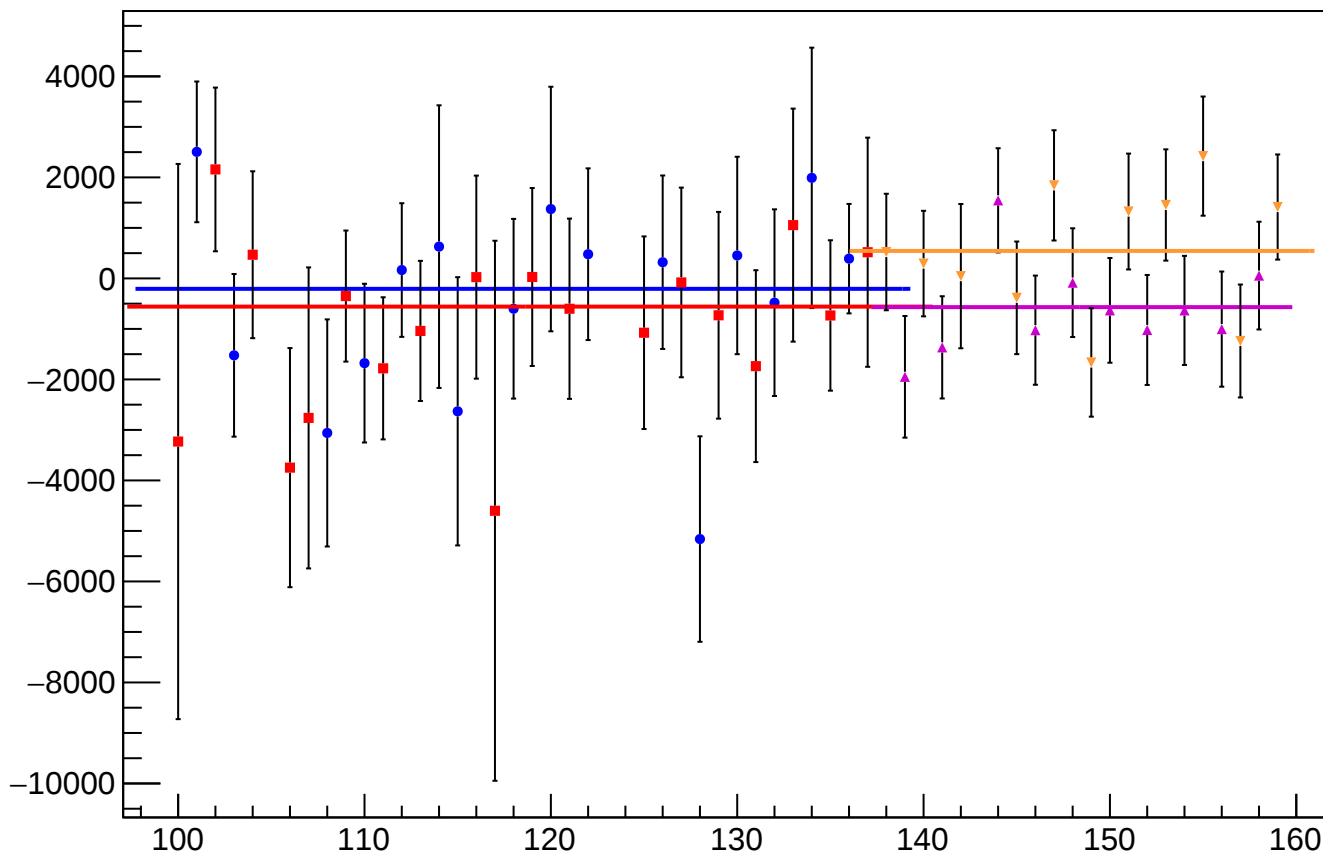
Left In: 548.662 $\pm$ 0.137 χ^2/NDF : 227963.0/9

593.391 $\pm$ 0.112 χ^2/NDF : 1626007.2/26

593.305 $\pm$ 0.079 χ^2/NDF : 3523114.0/55

593.221 $\pm$ 0.111 χ^2/NDF : 1897105.6/28

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 544.230 ± 339.104 χ^2/NDF : 13.4/10

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

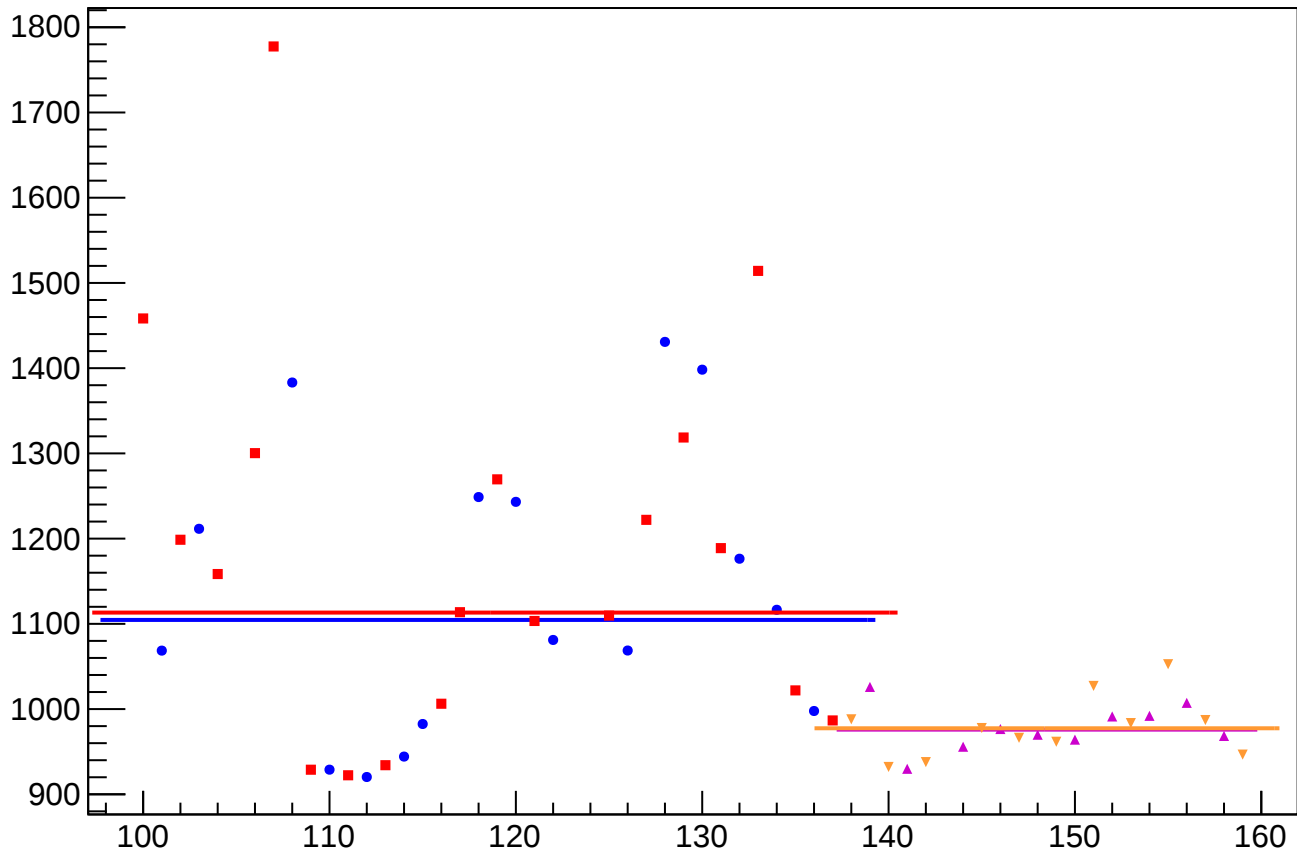
Left In: -568.609 ± 340.937 χ^2/NDF : 7.2/9

259.506 ± 267.157 χ^2/NDF : 31.1/26

-154.192 ± 188.544 χ^2/NDF : 51.8/55

-564.714 ± 266.129 χ^2/NDF : 15.9/28

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1104.596 +/- 0.307 χ^2/NDF : 255488.3/15

Left Out: 977.471 +/- 0.240 χ^2/NDF : 19974.4/10

Right Out: 1113.218 +/- 0.301 χ^2/NDF : 362982.2/18

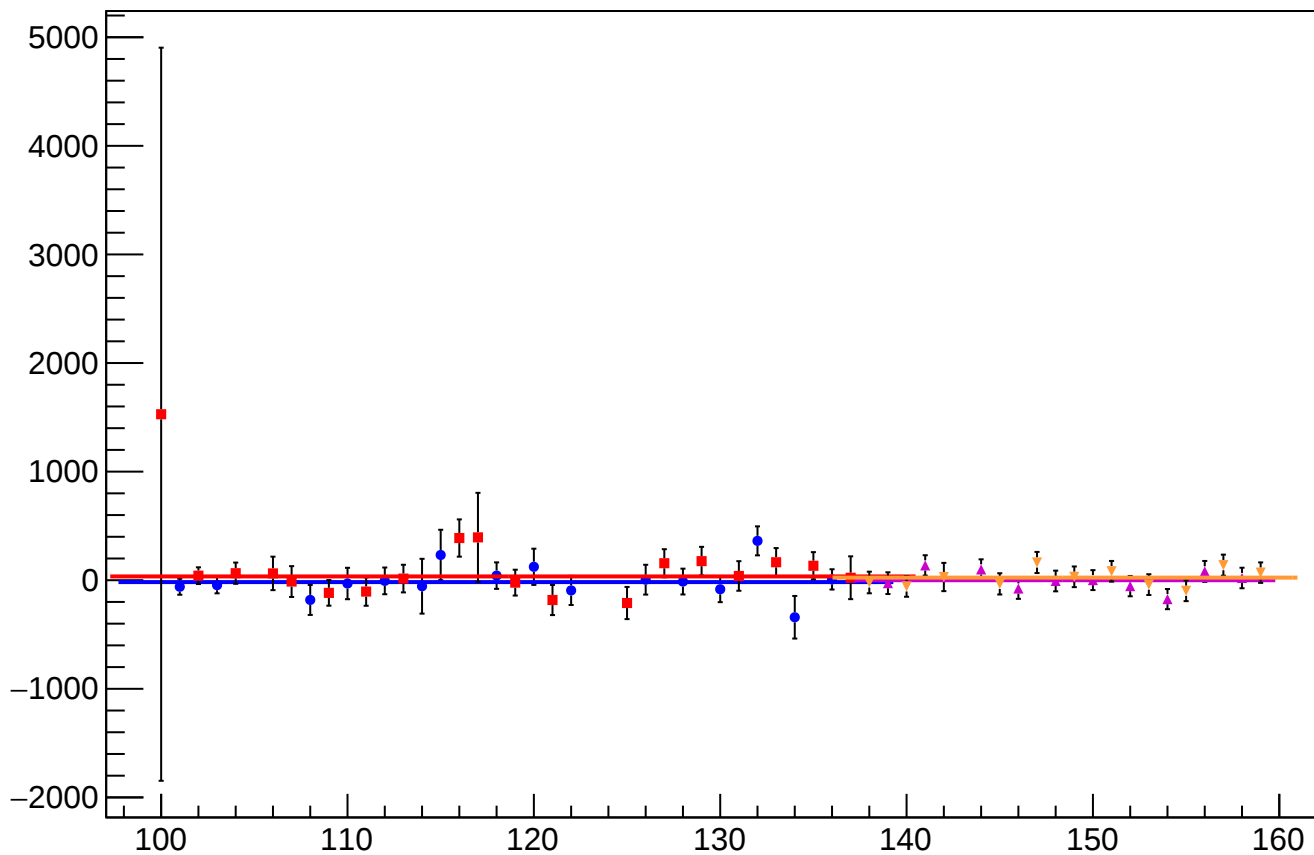
Left In: 975.889 +/- 0.241 χ^2/NDF : 11127.6/9

1025.692 +/- 0.189 χ^2/NDF : 382081.0/26

1027.625 +/- 0.133 χ^2/NDF : 883175.9/55

1029.542 +/- 0.188 χ^2/NDF : 500886.4/28

reg_asym_ds_avg_mean vs Slug, Sign Corrected



Right In: -17.236 ± 29.988 $\chi^2/\text{NDF}: 15.6/15$

Left Out: 23.917 ± 29.620 $\chi^2/\text{NDF}: 7.4/10$

Right Out: 34.875 ± 30.363 $\chi^2/\text{NDF}: 17.3/18$

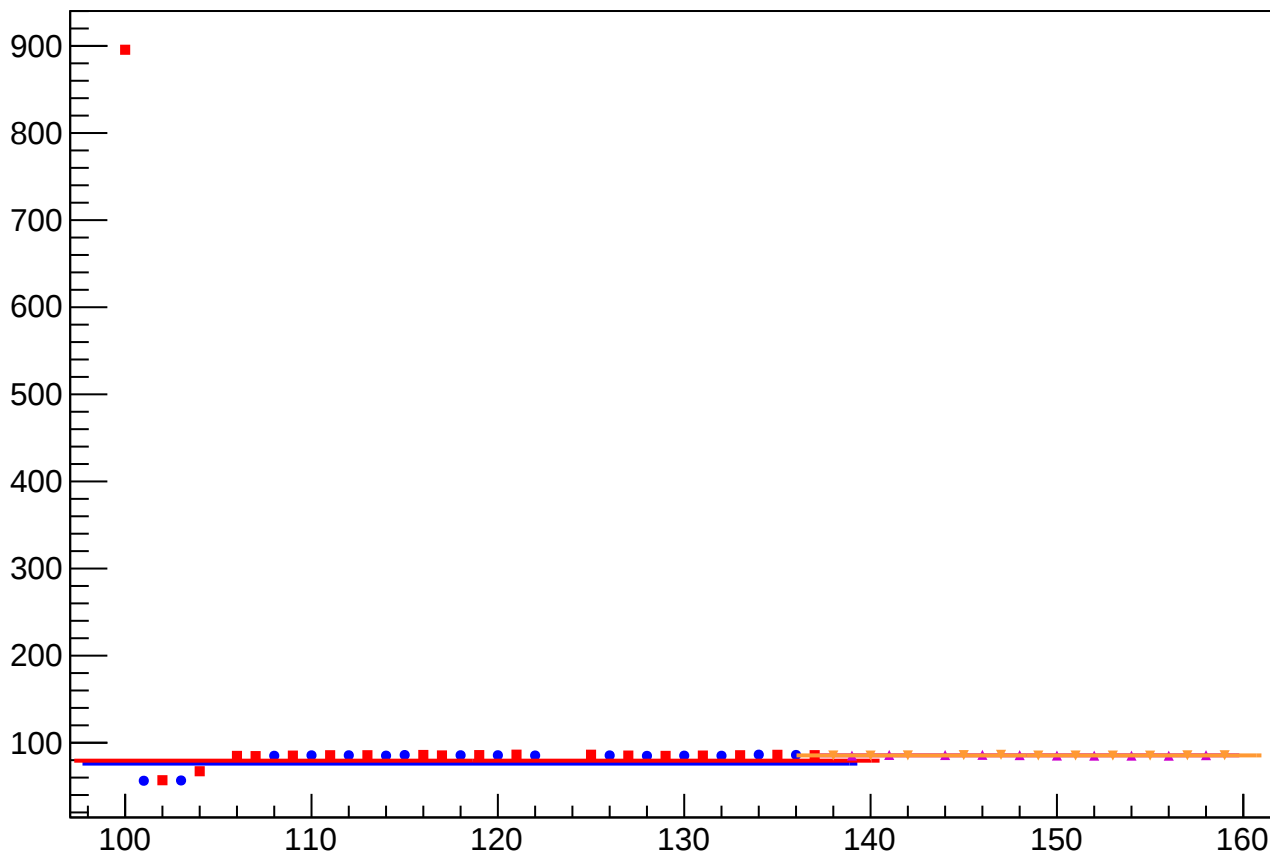
Left In: -0.033 ± 29.886 $\chi^2/\text{NDF}: 8.6/9$

3.594 ± 21.073 $\chi^2/\text{NDF}: 23.9/26$

10.297 ± 14.980 $\chi^2/\text{NDF}: 50.8/55$

17.145 ± 21.299 $\chi^2/\text{NDF}: 26.6/28$

reg_asym_ds_avg_rms vs Slug, Sign Corrected



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

Left Out: 85.471+/-0.021 χ^2 /NDF:171.6/10

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

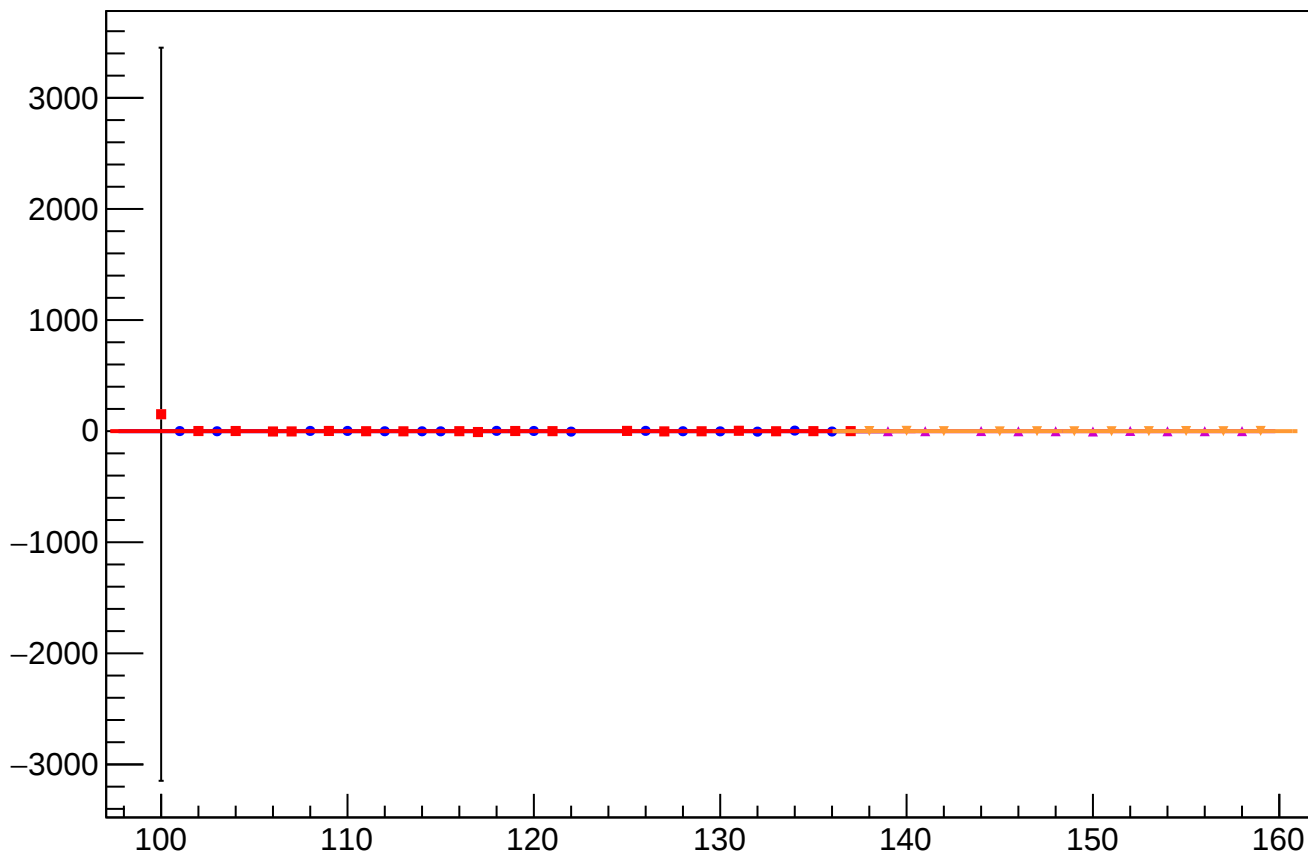
Left In: 85.596+/-0.021 χ^2 /NDF:295.8/9

80.833+/-0.015 χ^2 /NDF: 508628.7/26

81.686+/-0.011 χ^2 /NDF: 936505.2/55

82.558+/-0.015 χ^2 /NDF: 421243.2/28

asym_ds_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -0.100 ± 0.494 χ^2/NDF : 6.9/10

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

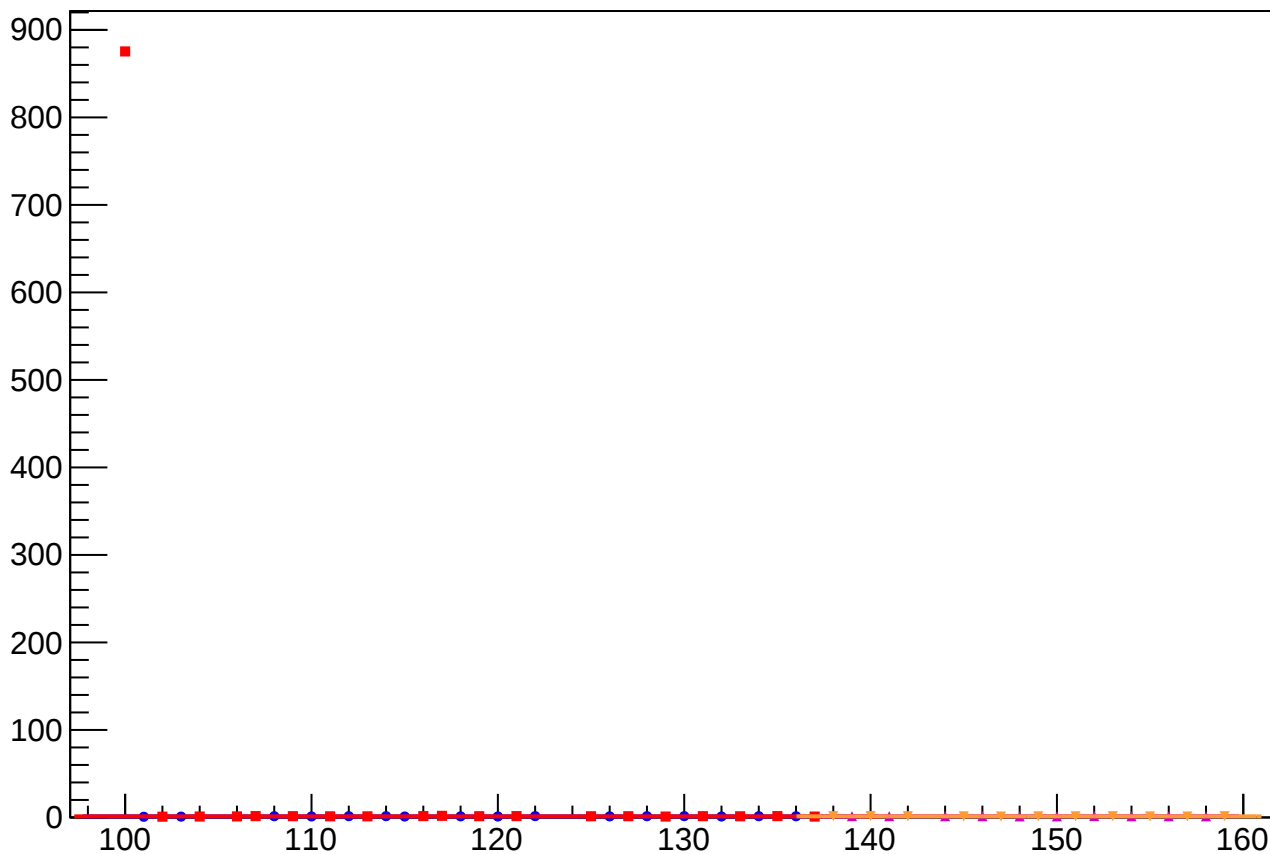
Left In: -0.275 ± 0.531 χ^2/NDF : 5.0/9

-0.189 ± 0.352 χ^2/NDF : 28.1/26

-0.151 ± 0.255 χ^2/NDF : 43.1/55

-0.108 ± 0.372 χ^2/NDF : 15.0/28

asym_ds_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1.284 $\pm$ 0.000 χ^2 /NDF:186357.4/10

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

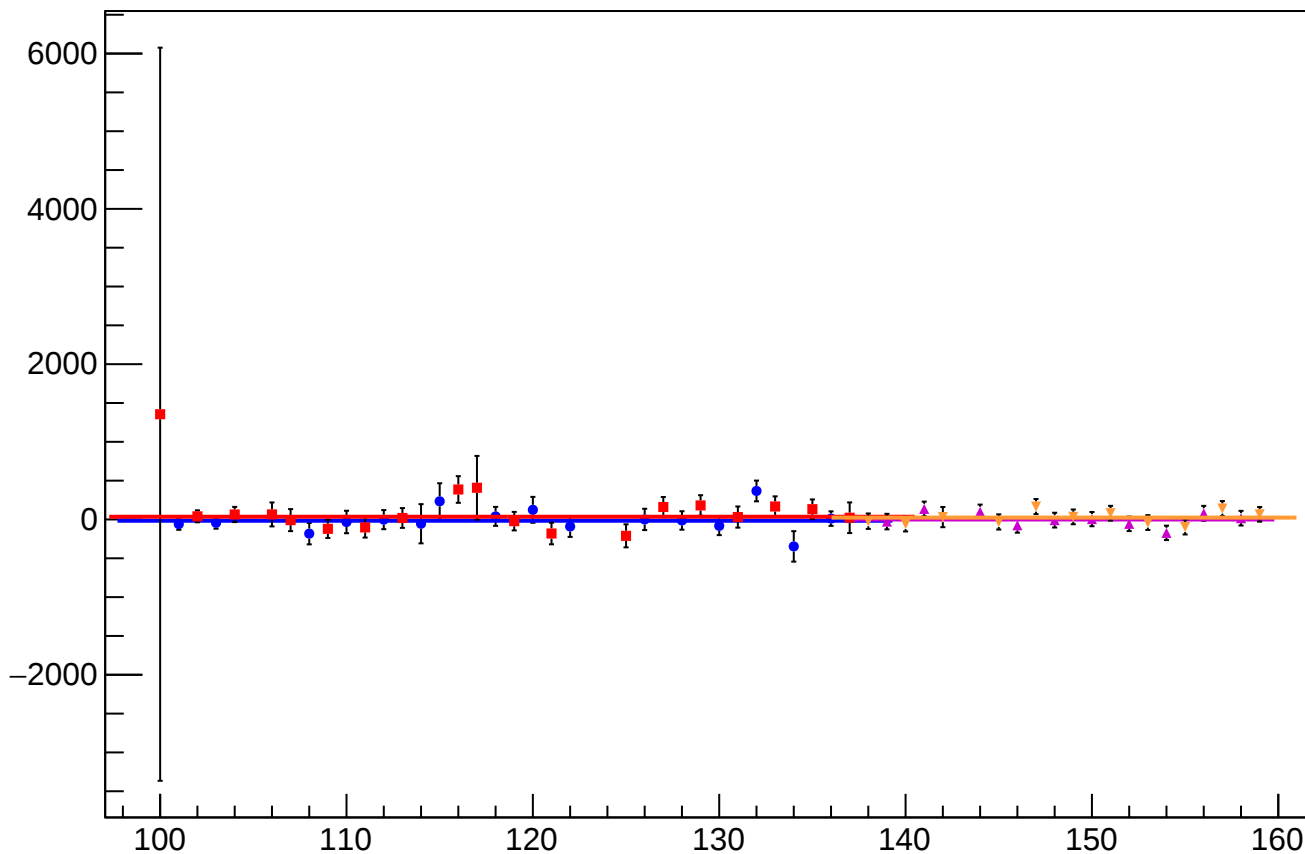
Left In: 1.406 $\pm$ 0.000 χ^2 /NDF:79620.5/9

1.219 $\pm$ 0.000 χ^2 /NDF: 770678.0/26

1.270 $\pm$ 0.000 χ^2 /NDF: 1552619.6/55

1.326 $\pm$ 0.000 χ^2 /NDF: 694964.6/28

asym_ds_avg_mean vs Slug, Sign Corrected



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

Left Out: 23.933 ± 29.628 χ^2/NDF : 7.5/10

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

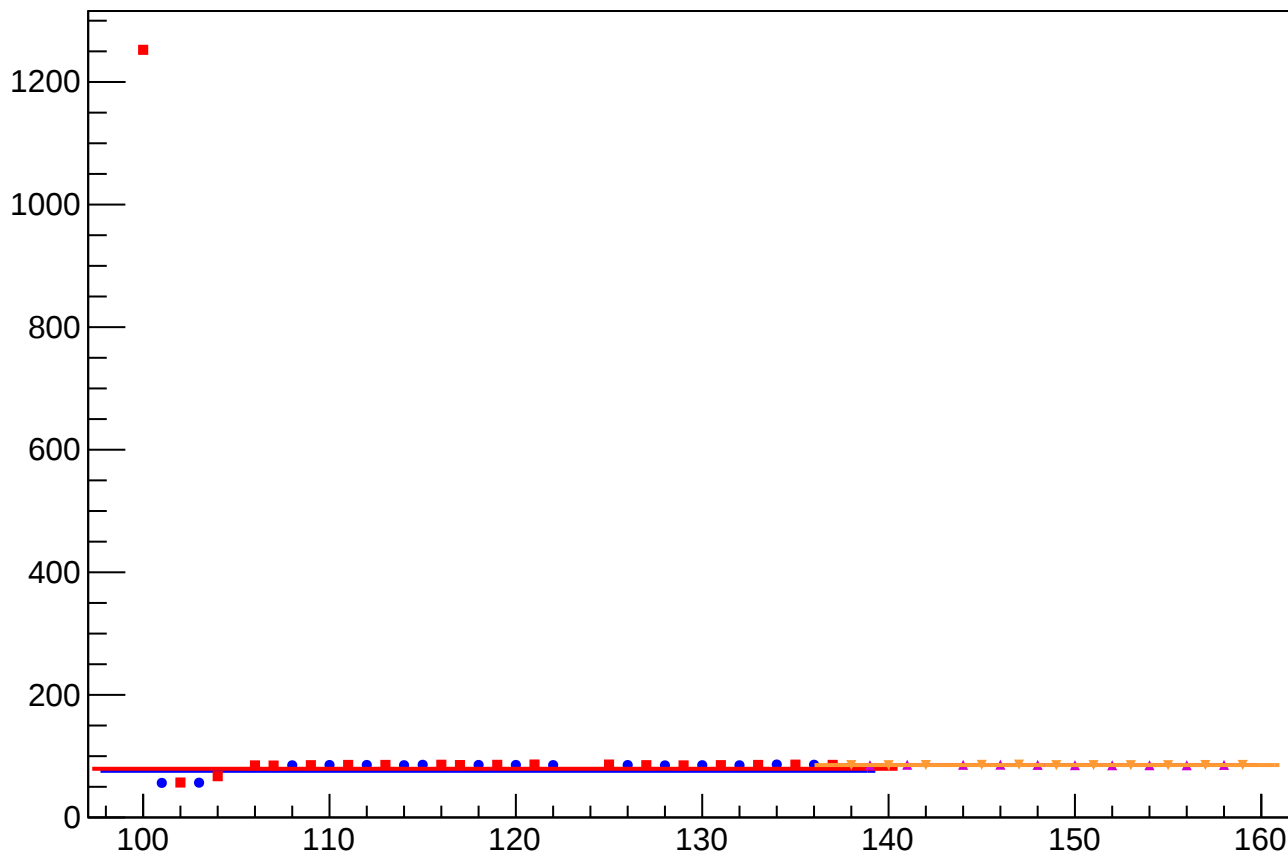
Left In: -0.334 ± 29.894 χ^2/NDF : 8.5/9

4.059 ± 21.079 χ^2/NDF : 24.3/26

10.529 ± 14.984 χ^2/NDF : 51.0/55

17.138 ± 21.305 χ^2/NDF : 26.5/28

asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 76.099 $\pm$ 0.021 χ^2 /NDF: 409200.9/15

Left Out: 85.493 $\pm$ 0.021 χ^2 /NDF: 171.8/10

Right Out: 79.426 $\pm$ 0.021 χ^2 /NDF: 385484.8/18

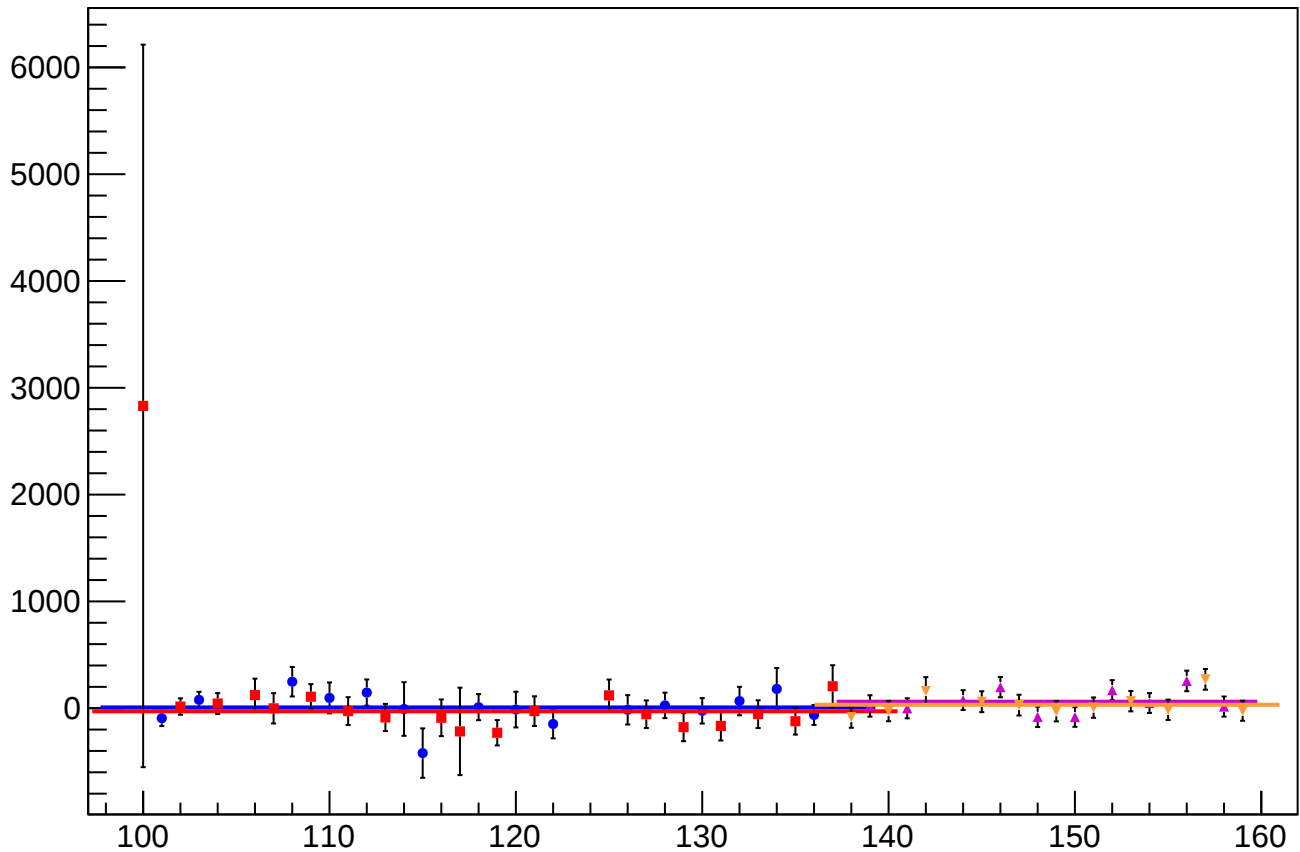
Left In: 85.619 $\pm$ 0.021 χ^2 /NDF: 295.5/9

80.854 $\pm$ 0.015 χ^2 /NDF: 508659.3/26

81.704 $\pm$ 0.011 χ^2 /NDF: 943244.1/55

82.572 $\pm$ 0.015 χ^2 /NDF: 428013.1/28

reg_asym_ds_dd_mean vs Slug, Sign Corrected



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

Left Out: 32.332 ± 29.620 χ^2/NDF : 10.0/10

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

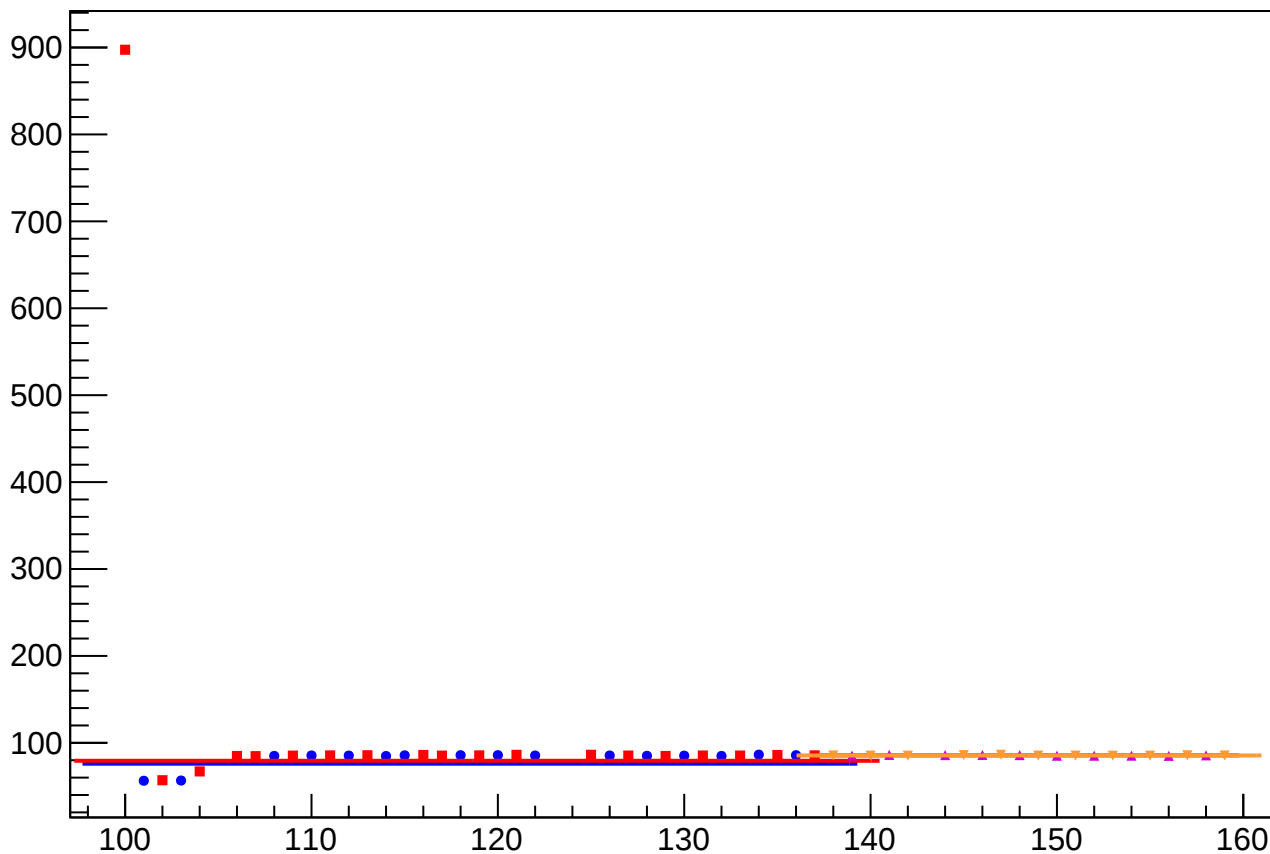
Left In: 60.879 ± 29.881 χ^2/NDF : 13.0/9

20.042 ± 21.067 χ^2/NDF : 24.3/26

18.364 ± 14.975 χ^2/NDF : 54.5/55

16.651 ± 21.291 χ^2/NDF : 30.2/28

reg_asym_ds_dd_rms vs Slug, Sign Corrected



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

Left Out: 85.469 $\pm$ 0.021 χ^2 /NDF: 226.4/10

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

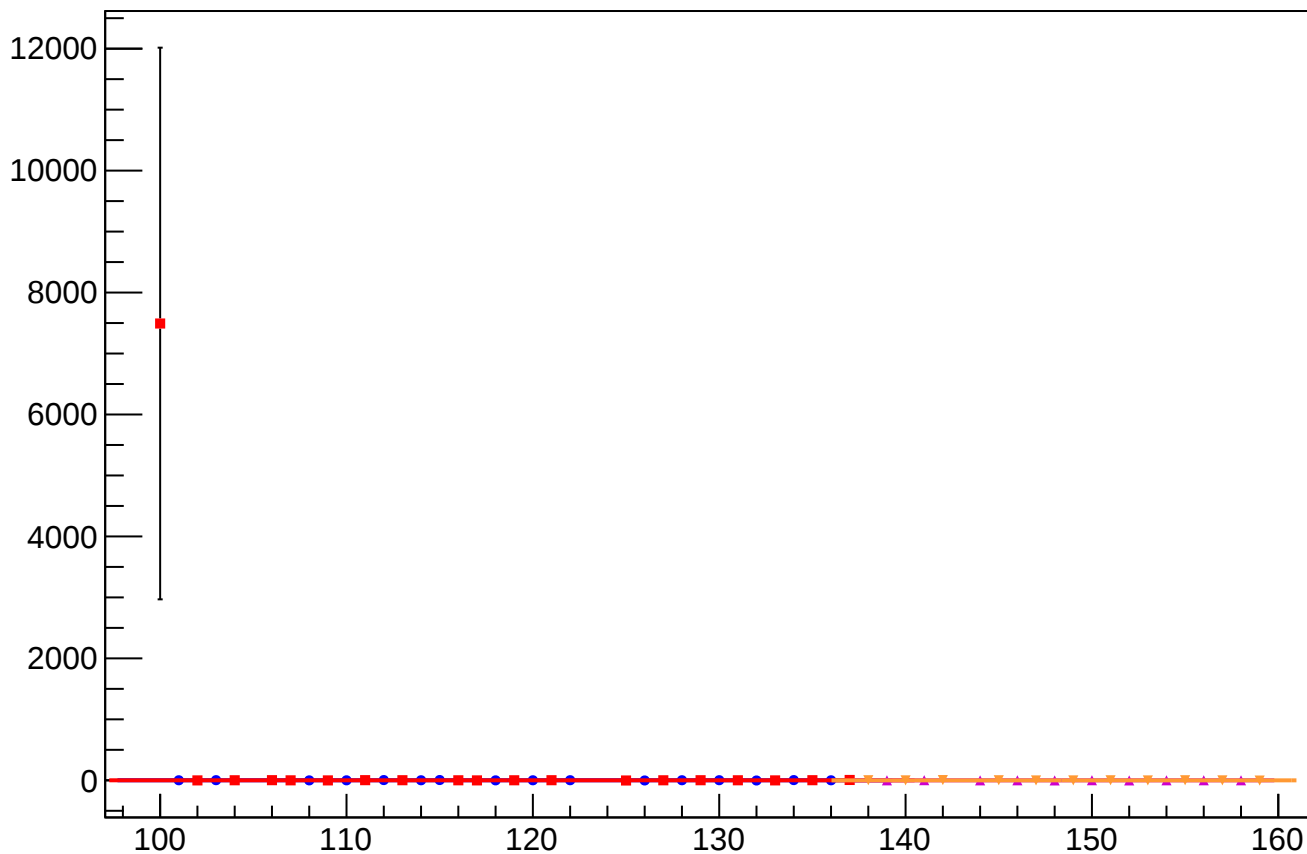
Left In: 85.582 $\pm$ 0.021 χ^2 /NDF: 312.5/9

80.806 $\pm$ 0.015 χ^2 /NDF: 509473.6/26

81.657 $\pm$ 0.011 χ^2 /NDF: 937675.2/55

82.526 $\pm$ 0.015 χ^2 /NDF: 421603.7/28

asym_ds_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -0.639 ± 0.505 χ^2/NDF : 12.4/10

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

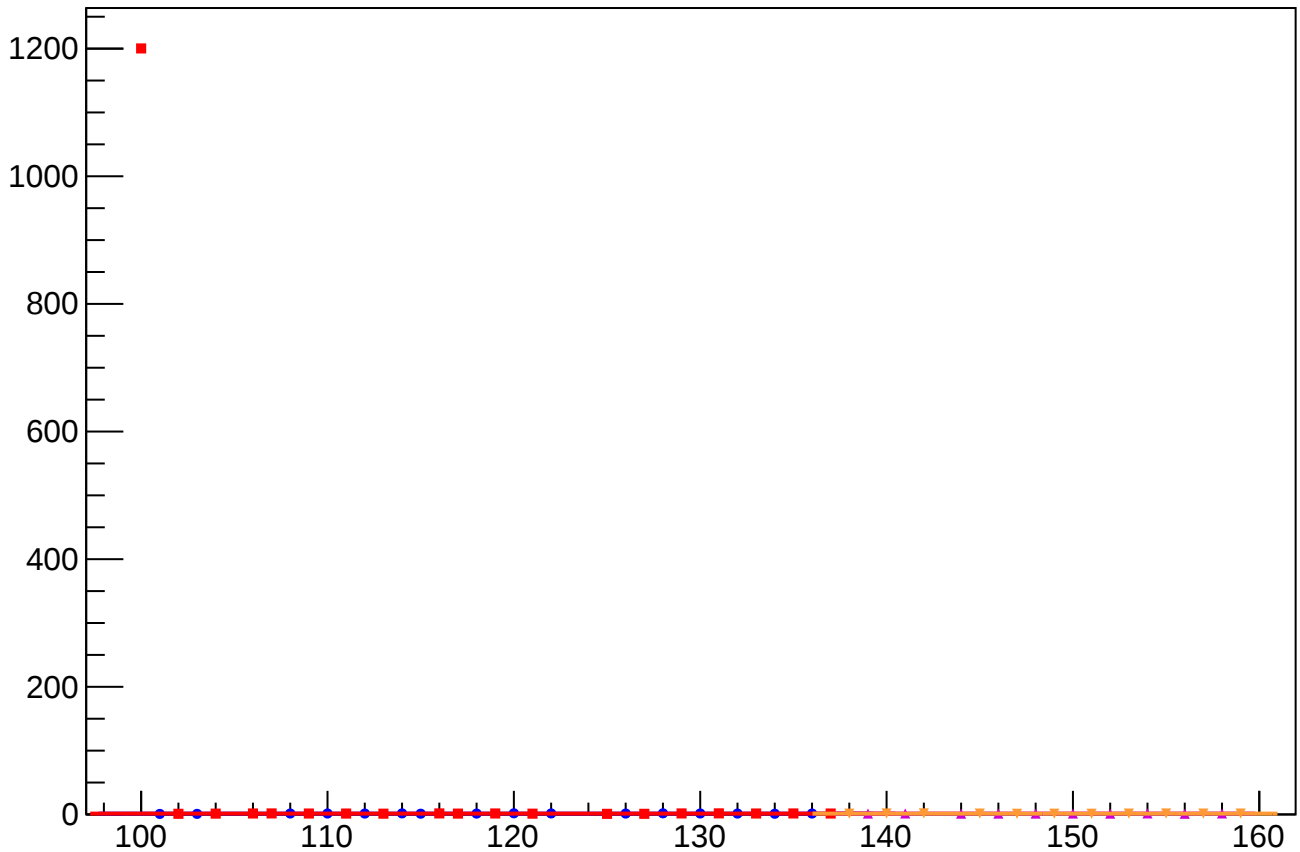
Left In: 0.140 ± 0.521 χ^2/NDF : 4.9/9

0.095 ± 0.366 χ^2/NDF : 28.9/26

0.155 ± 0.263 χ^2/NDF : 46.6/55

0.218 ± 0.377 χ^2/NDF : 17.6/28

asym_ds_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1.325+/-0.000 χ^2/NDF : 224886.0/10

Right Out: 1.318+/-0.000 χ^2/NDF : 521623.7/18

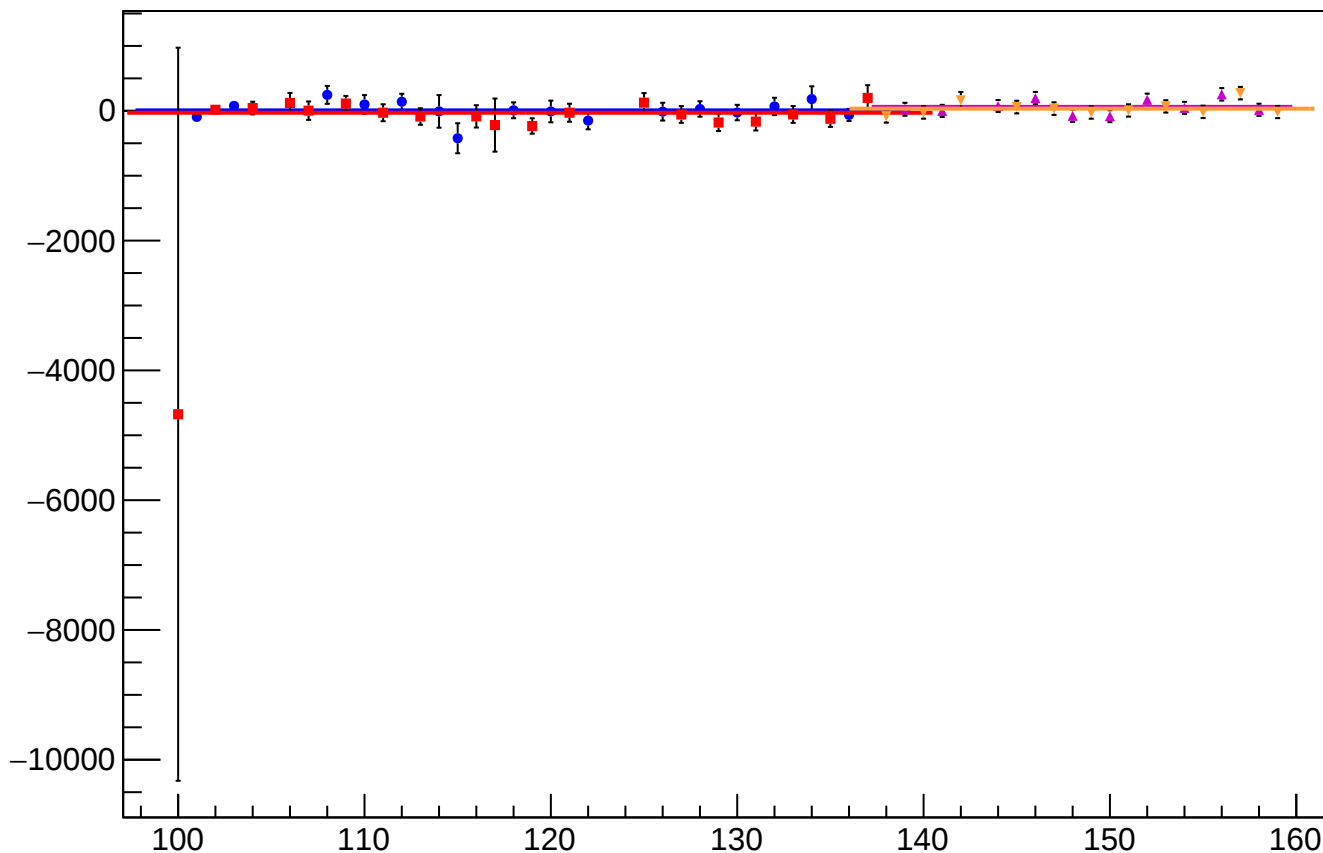
Left In: 1.365+/-0.000 χ^2/NDF : 181664.6/9

1.284+/-0.000 χ^2/NDF : 911038.6/26

1.312+/-0.000 χ^2/NDF : 1647230.0/55

1.342+/-0.000 χ^2/NDF : 711159.9/28

asym_ds_dd_mean vs Slug, Sign Corrected



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

Left Out: 33.539 ± 29.627 χ^2/NDF : 10.0/10

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

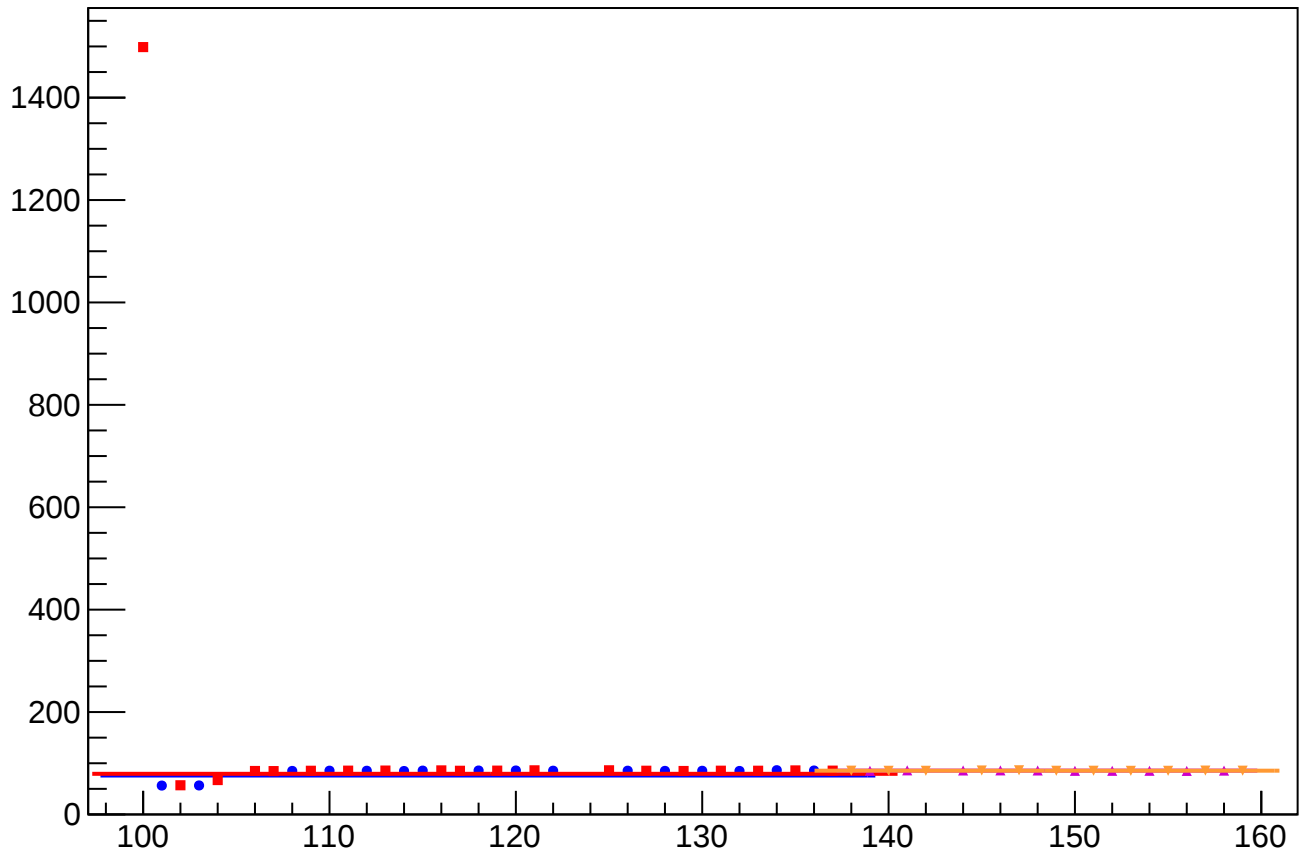
Left In: 61.044 ± 29.889 χ^2/NDF : 12.8/9

20.317 ± 21.072 χ^2/NDF : 24.3/26

18.389 ± 14.979 χ^2/NDF : 54.5/55

16.420 ± 21.297 χ^2/NDF : 30.2/28

asym_ds_dd_rms vs Slug, Sign Corrected



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

Left Out: 85.492+/-0.021 χ^2/NDF : 226.1/10

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

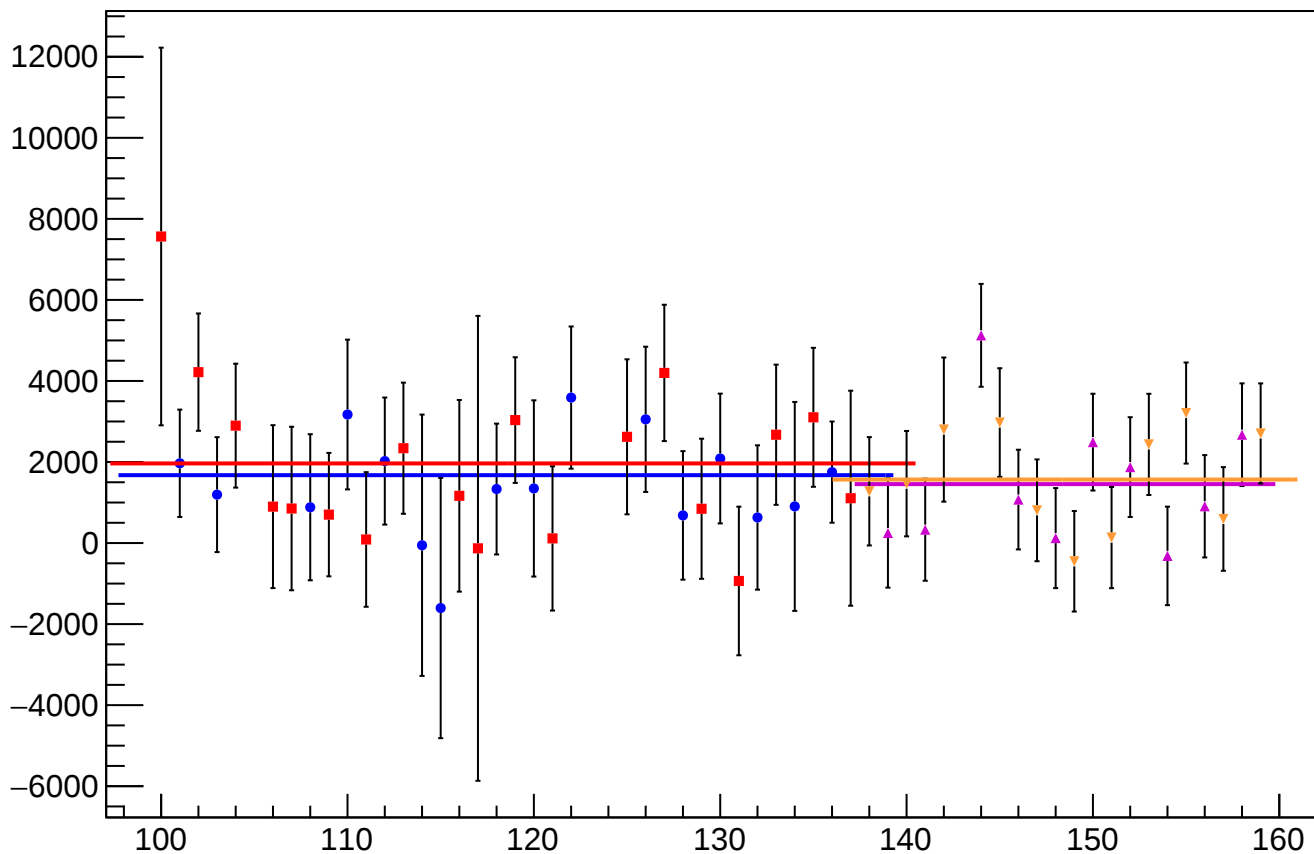
Left In: 85.605+/-0.021 χ^2/NDF : 312.6/9

80.827+/-0.015 χ^2/NDF : 509501.6/26

81.673+/-0.011 χ^2/NDF : 947207.9/55

82.536+/-0.015 χ^2/NDF : 431199.1/28

reg_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1567.442 $\pm$ 392.248 χ^2 /NDF: 9.6/10

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

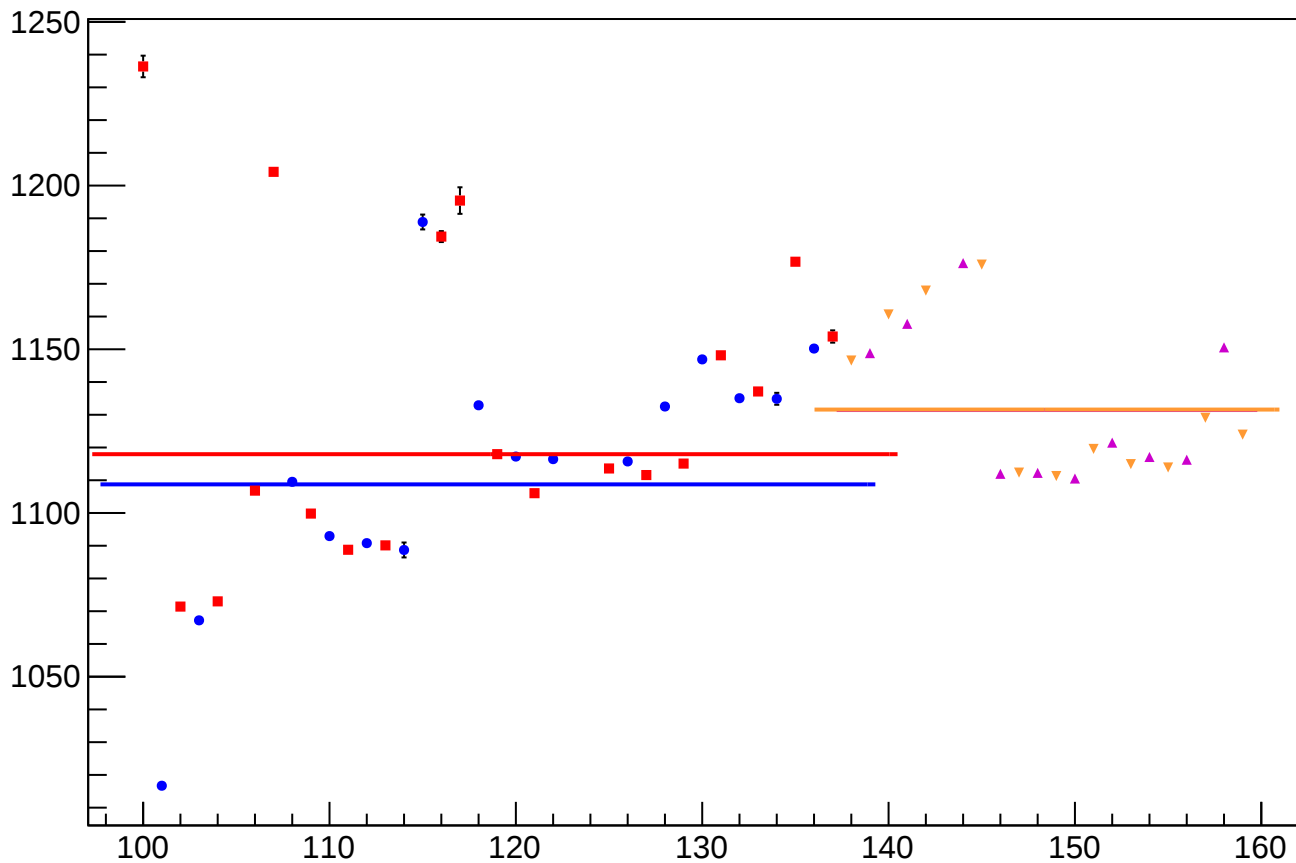
Left In: 1454.325 $\pm$ 395.116 χ^2 /NDF: 15.3/9

1616.216 $\pm$ 289.973 χ^2 /NDF: 14.8/26

1654.992 $\pm$ 204.409 χ^2 /NDF: 45.1/55

1693.293 $\pm$ 288.190 χ^2 /NDF: 30.3/28

reg_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1131.586 $\pm$ 0.277 χ^2 /NDF: 6301.3/10

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

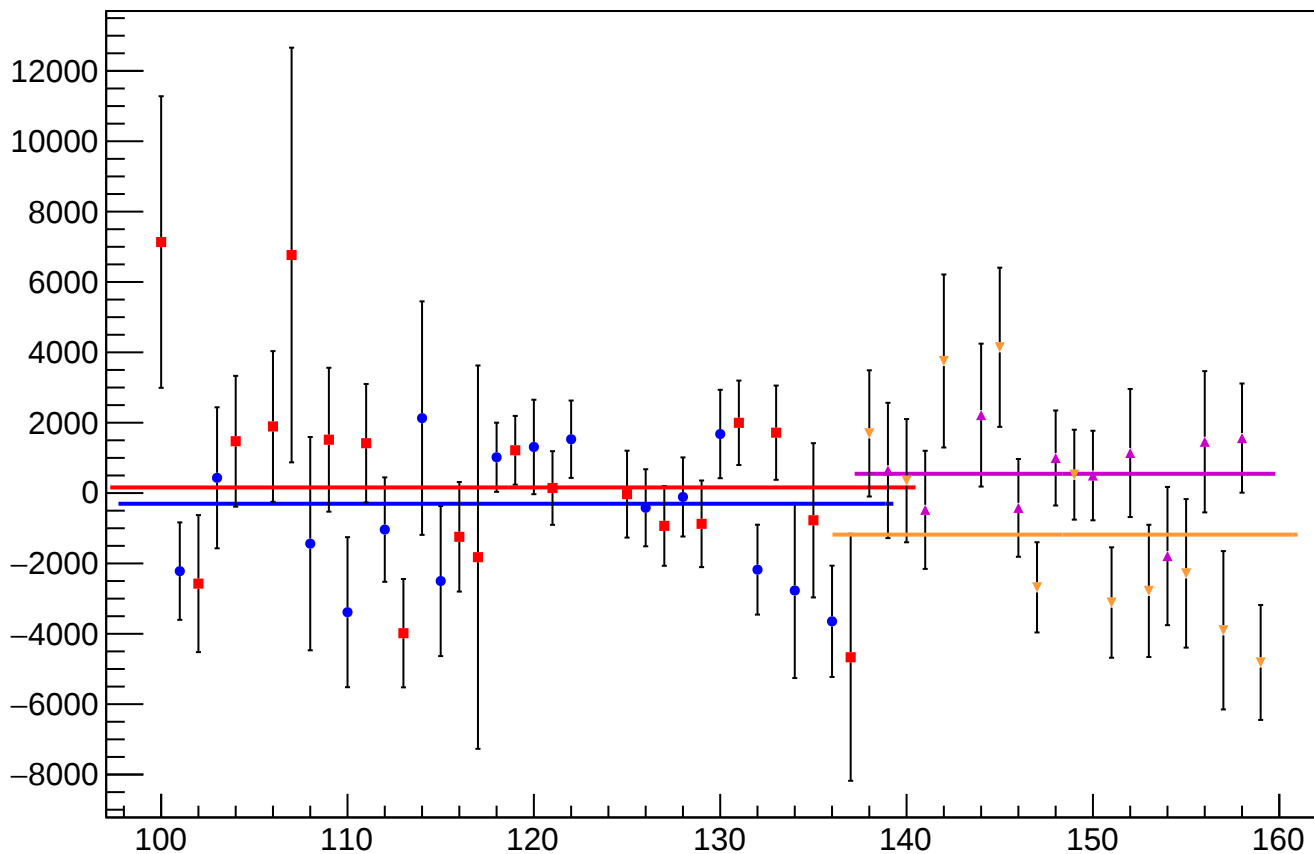
Left In: 1131.448 $\pm$ 0.279 χ^2 /NDF: 6457.9/9

1121.225 $\pm$ 0.205 χ^2 /NDF: 27459.1/26

1123.192 $\pm$ 0.145 χ^2 /NDF: 51072.6/55

1125.135 $\pm$ 0.204 χ^2 /NDF: 23430.5/28

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -303.335 $\pm$ 360.068 χ^2/NDF : 22.3/15

Left Out: -1180.573 $\pm$ 519.583 χ^2/NDF : 25.0/10

Right Out: 160.376 $\pm$ 355.478 χ^2/NDF : 25.0/18

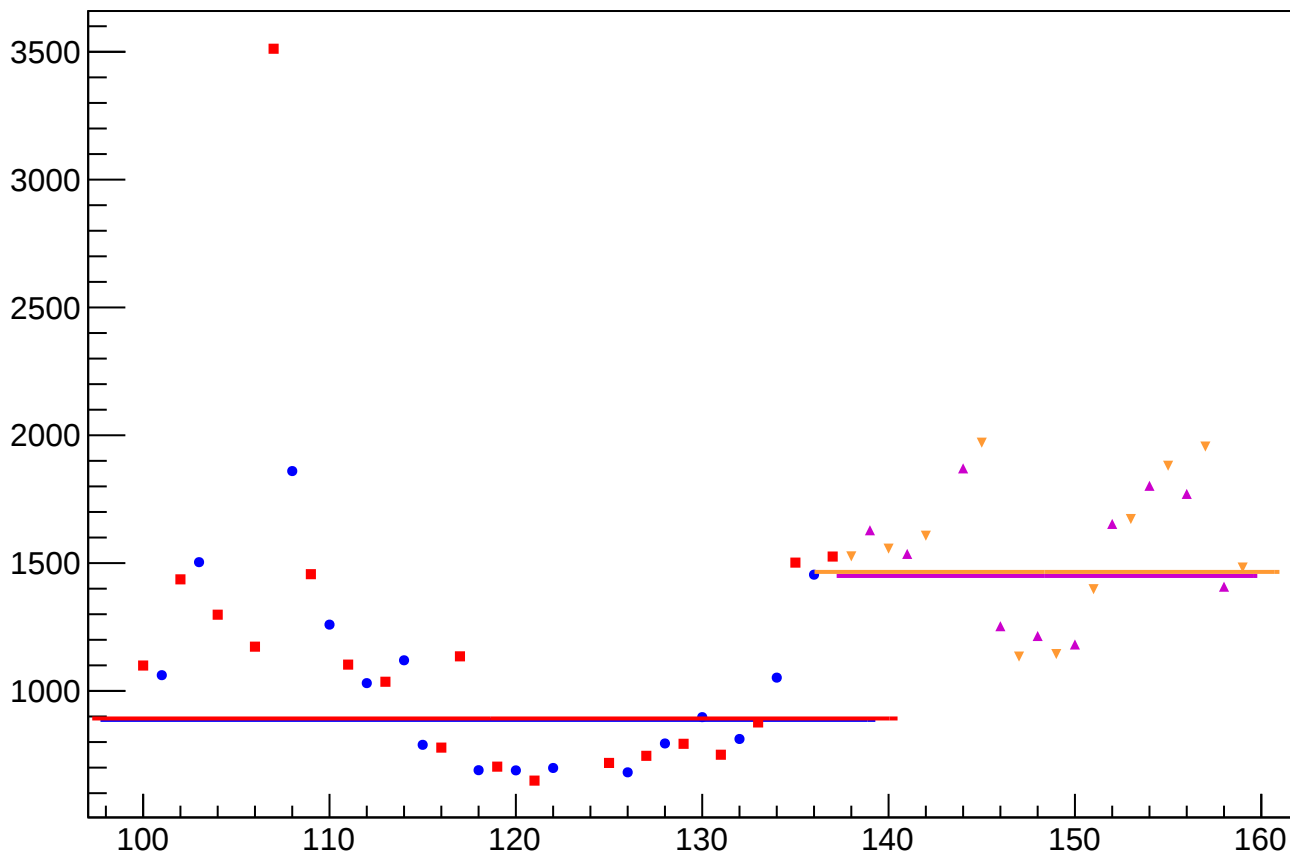
Left In: 548.191 $\pm$ 514.663 χ^2/NDF : 3.8/9

-587.942 $\pm$ 295.950 χ^2/NDF : 49.2/26

-146.019 $\pm$ 208.035 χ^2/NDF : 82.8/55

285.633 $\pm$ 292.491 χ^2/NDF : 29.2/28

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1465.581+/-0.367 χ^2/NDF : 574681.1/10

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

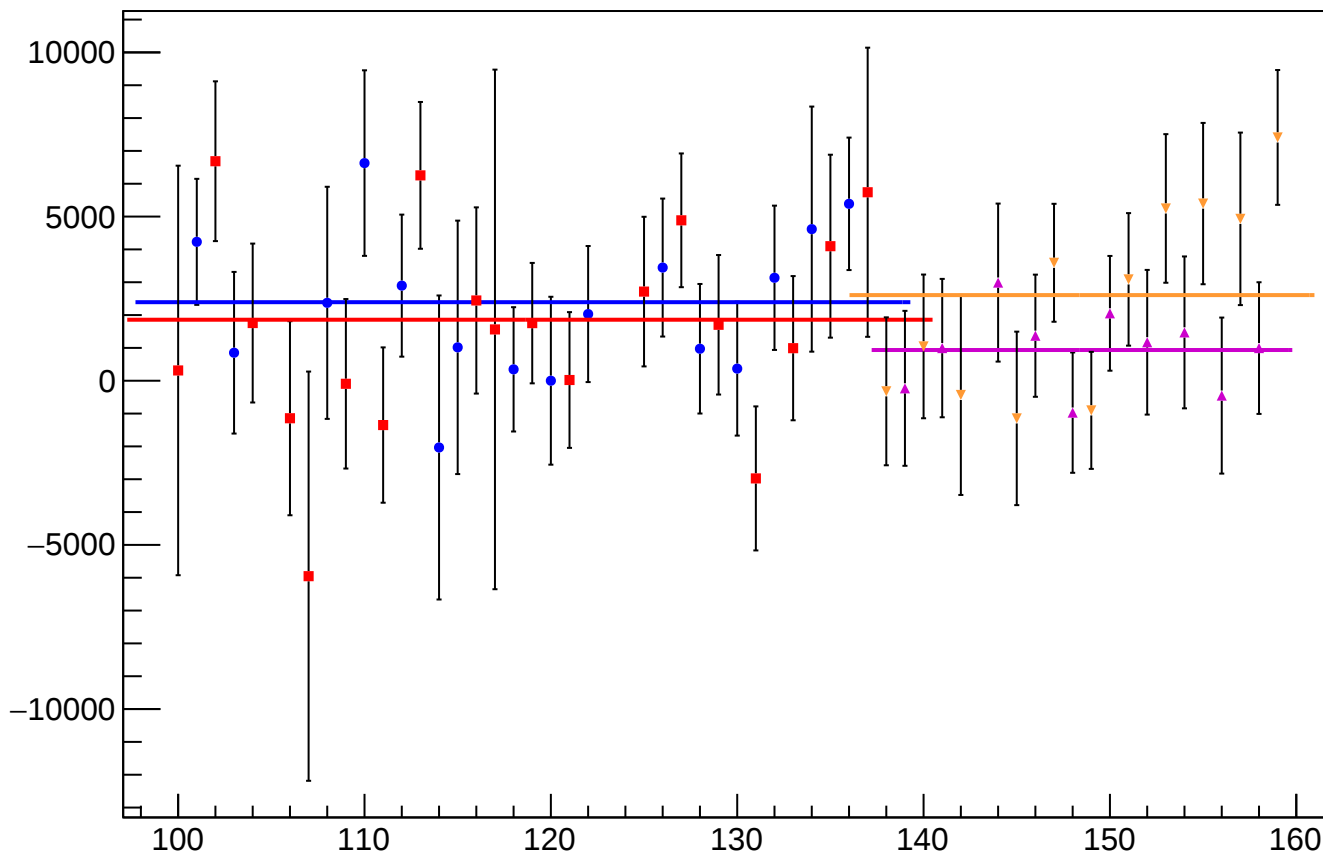
Left In: 1449.727+/-0.364 χ^2/NDF : 439650.1/9

1074.503+/-0.209 χ^2/NDF : 3312725.0/26

1073.386+/-0.147 χ^2/NDF : 6759380.7/55

1072.295+/-0.207 χ^2/NDF : 3446599.4/28

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2608.269 $\pm$ 663.691 χ^2 /NDF:18.4/10

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

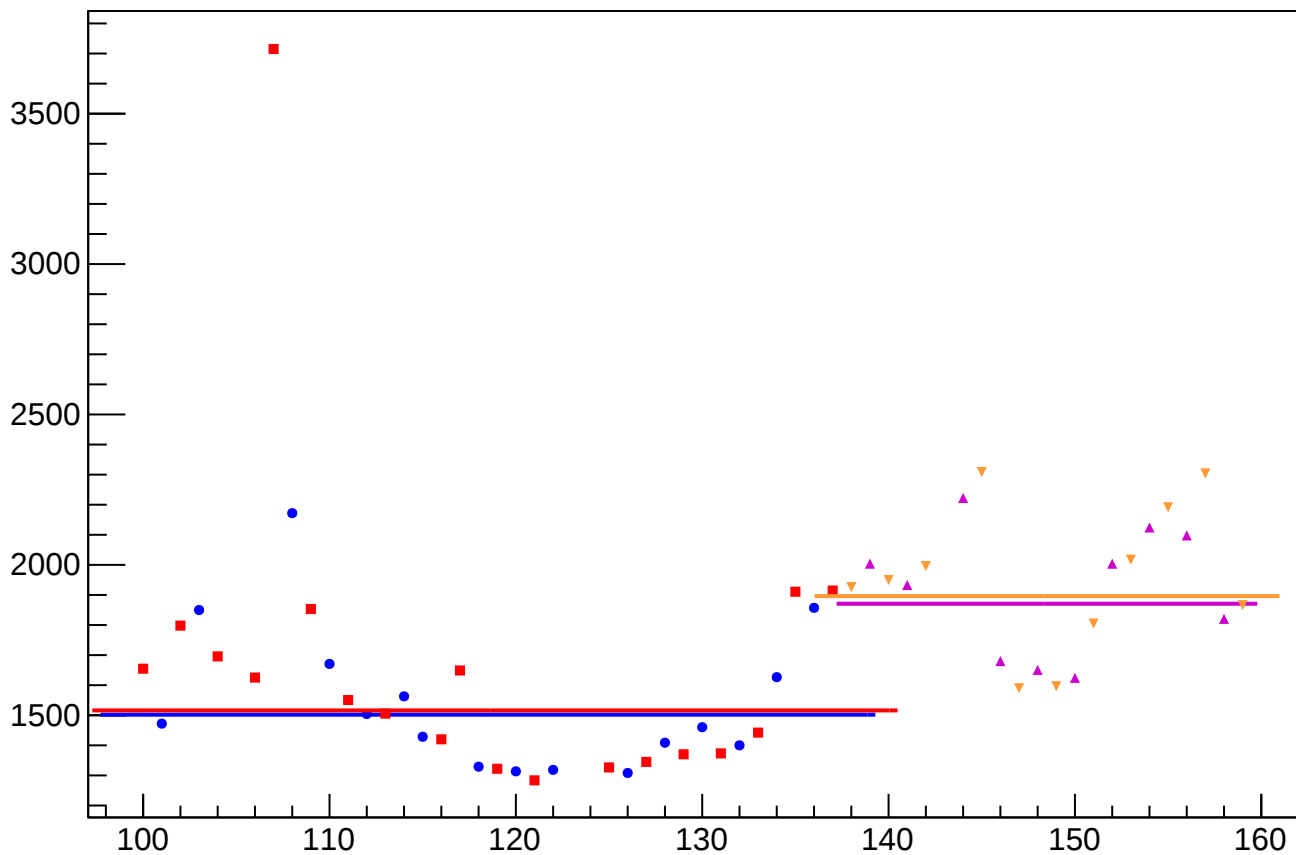
Left In: 935.774 $\pm$ 657.933 χ^2 /NDF:2.9/9

2487.499 $\pm$ 440.532 χ^2 /NDF: 29.6/26

1964.912 $\pm$ 309.791 χ^2 /NDF: 58.9/55

1453.658 $\pm$ 435.729 χ^2 /NDF: 26.5/28

asym_usl_rms vs Slug, Sign Corrected



Right In: 1501.937+/-0.416 χ^2/NDF : 254549.7/15

Left Out: 1896.074+/-0.469 χ^2/NDF : 254403.0/10

Right Out: 1516.127+/-0.411 χ^2/NDF : 480325.9/18

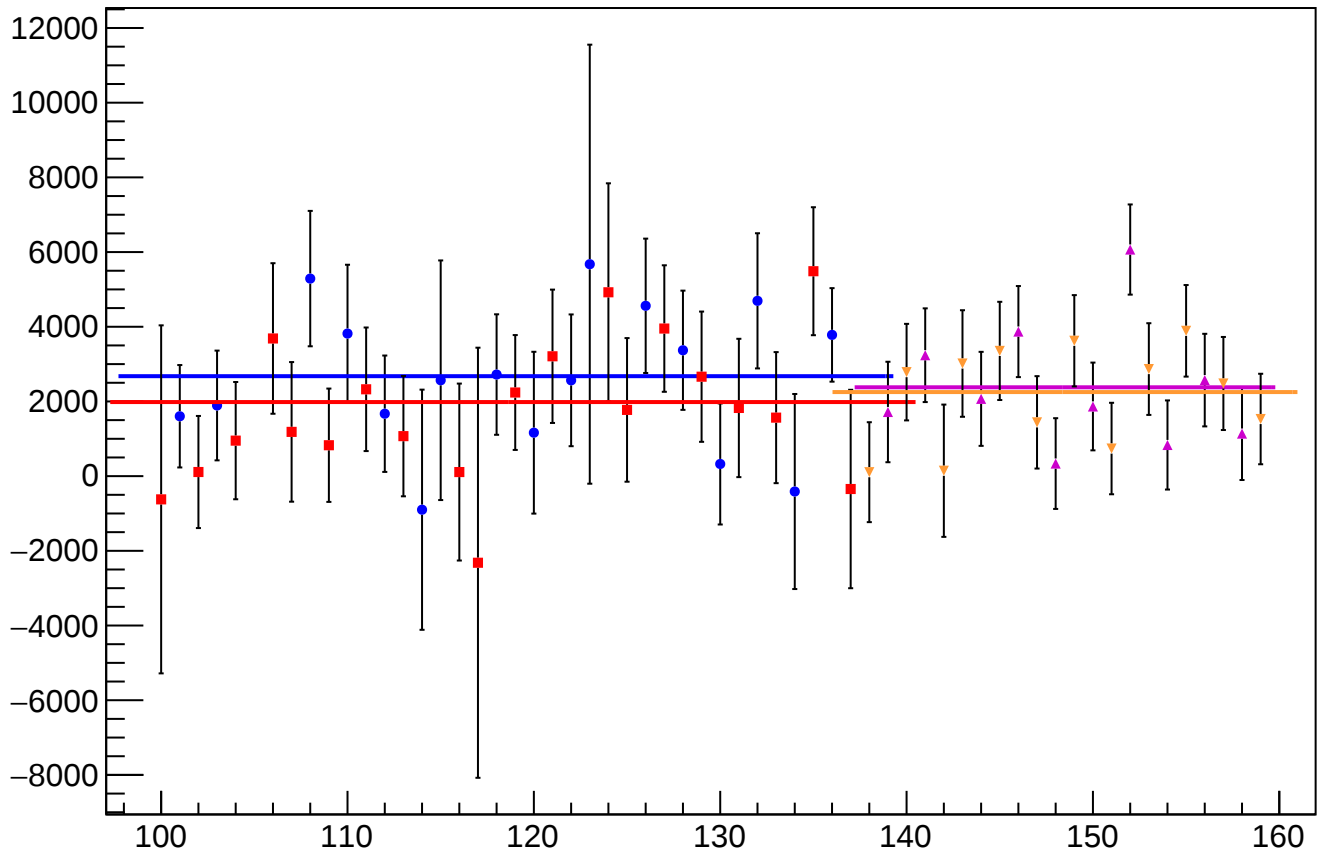
Left In: 1870.787+/-0.465 χ^2/NDF : 191276.9/9

1675.585+/-0.312 χ^2/NDF : 903530.1/26

1673.612+/-0.219 χ^2/NDF : 1901470.6/55

1671.681+/-0.308 χ^2/NDF : 997861.1/28

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 2676.683 ± 433.582 $\chi^2/\text{NDF}: 12.6/16$

Left Out: 2251.286 ± 372.955 $\chi^2/\text{NDF}: 10.8/11$

Right Out: 1983.779 ± 418.059 $\chi^2/\text{NDF}: 13.4/19$

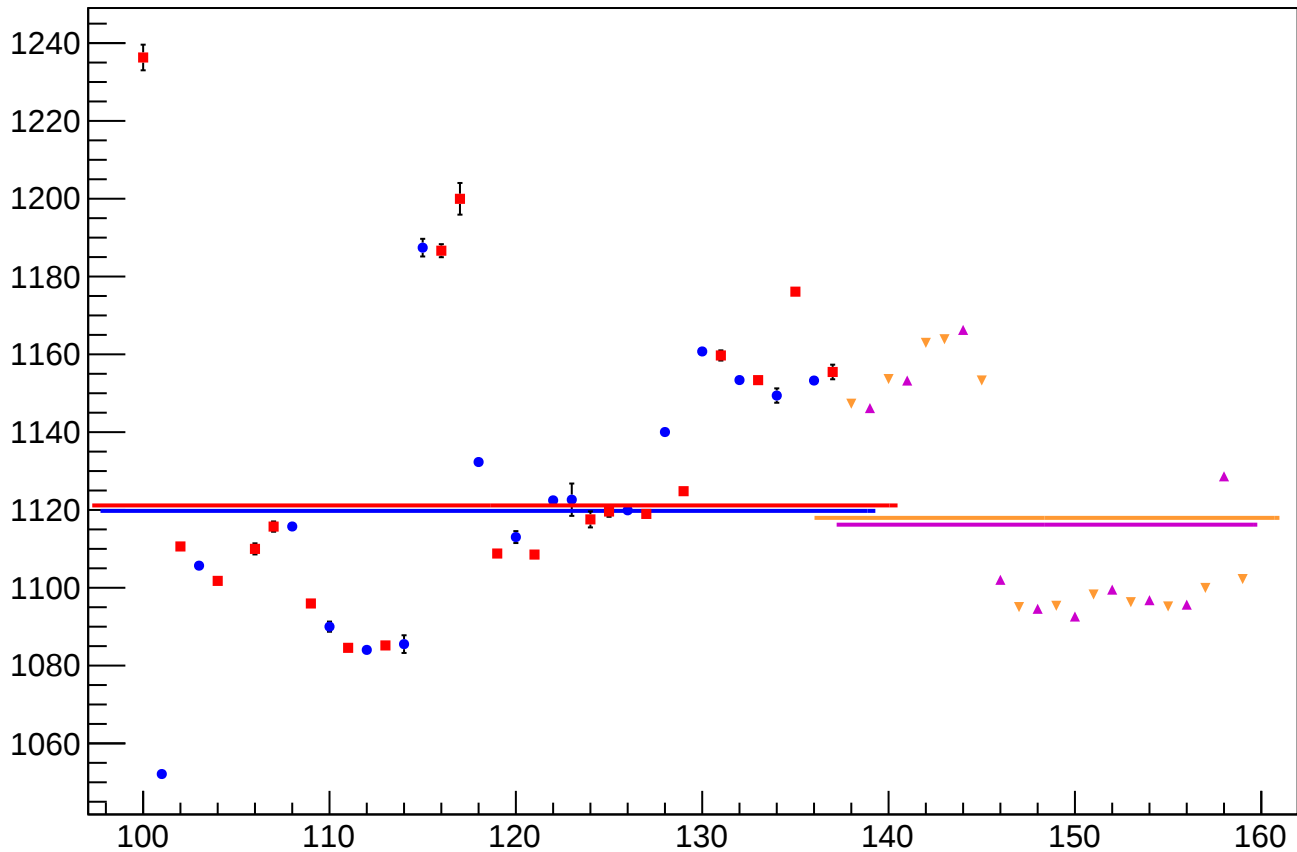
Left In: 2379.077 ± 389.832 $\chi^2/\text{NDF}: 17.3/9$

2432.187 ± 282.745 $\chi^2/\text{NDF}: 23.9/28$

2314.691 ± 200.762 $\chi^2/\text{NDF}: 55.4/58$

2195.222 ± 285.110 $\chi^2/\text{NDF}: 31.2/29$

reg_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1117.968 $\pm$ 0.264 χ^2 /NDF: 11247.4/11

Right Out: 1121.164 $\pm$ 0.296 χ^2 /NDF: 10310.8/19

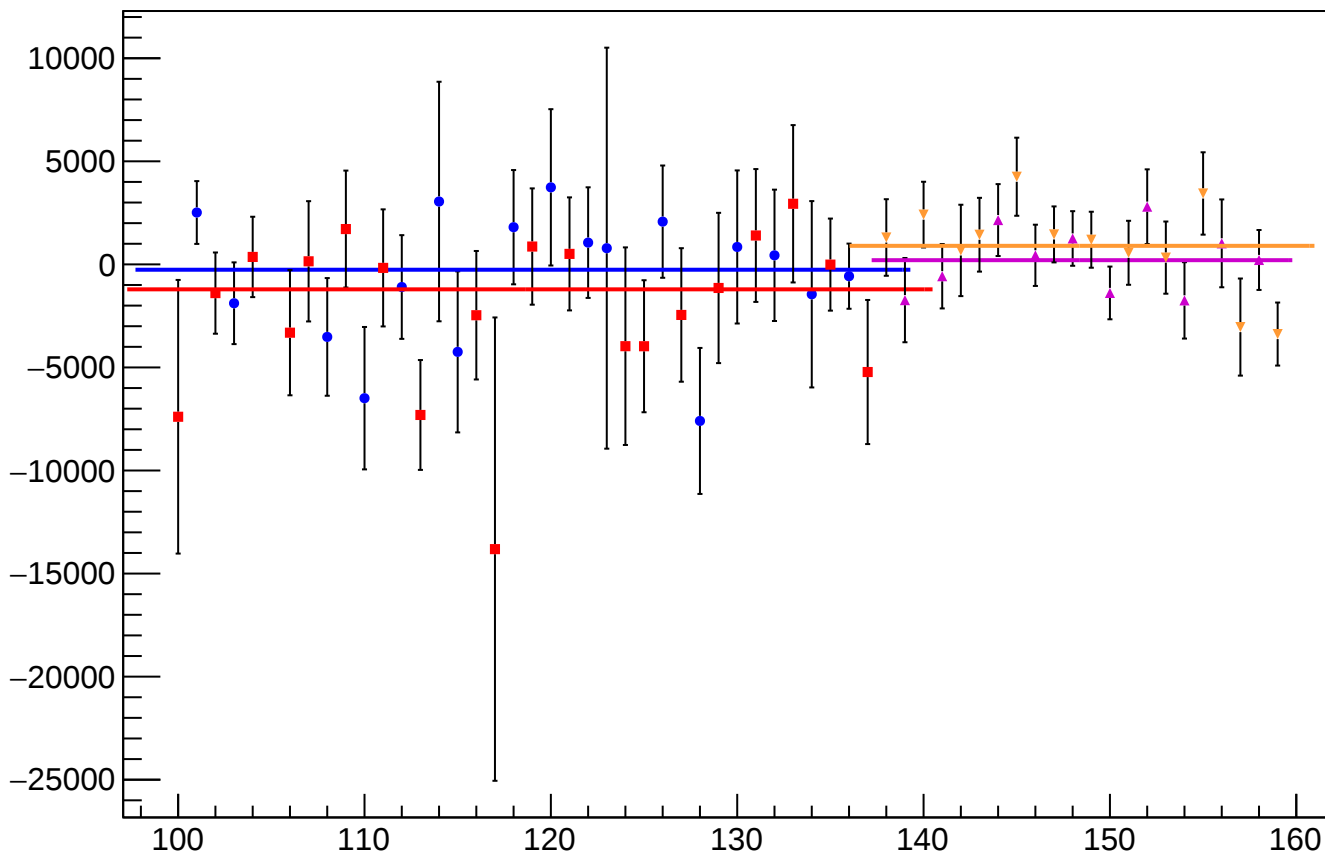
Left In: 1116.219 $\pm$ 0.276 χ^2 /NDF: 9272.1/9

1118.731 $\pm$ 0.200 χ^2 /NDF: 23143.9/28

1118.626 $\pm$ 0.142 χ^2 /NDF: 42877.0/58

1118.518 $\pm$ 0.202 χ^2 /NDF: 19732.6/29

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 899.721+/-490.147 χ^2/NDF : 16.8/11

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

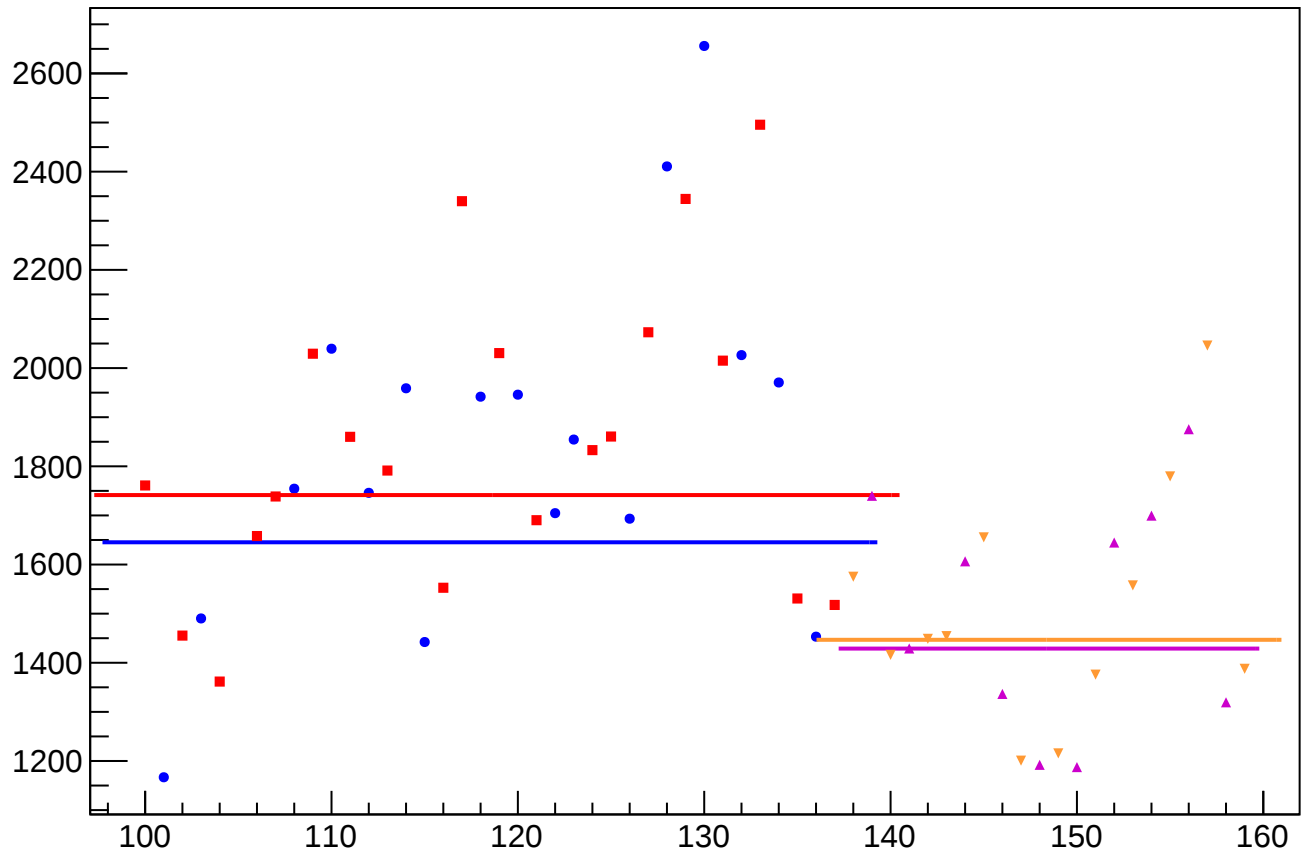
Left In: 203.677+/-506.253 χ^2/NDF : 7.9/9

483.710+/-392.494 χ^2/NDF : 36.0/28

91.834+/-280.829 χ^2/NDF : 64.5/58

-319.212+/-401.980 χ^2/NDF : 26.5/29

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1446.758+/-0.347 χ^2/NDF : 358331.0/11

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

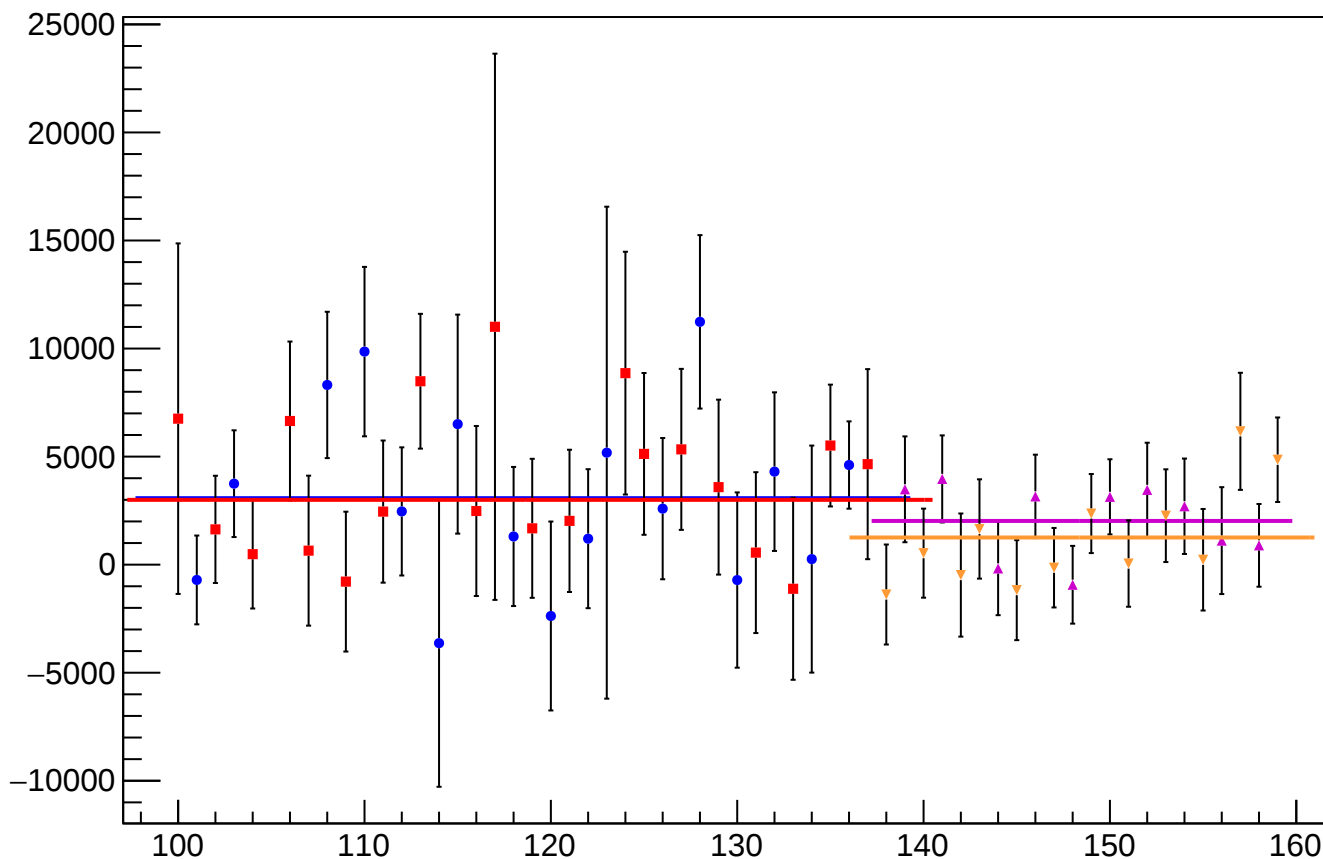
Left In: 1428.873+/-0.358 χ^2/NDF : 380259.1/9

1517.992+/-0.278 χ^2/NDF : 1076987.5/28

1530.871+/-0.199 χ^2/NDF : 2120117.2/58

1544.380+/-0.284 χ^2/NDF : 1038717.4/29

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1257.056 $\pm$ 624.655 χ^2/NDF : 11.3/11

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

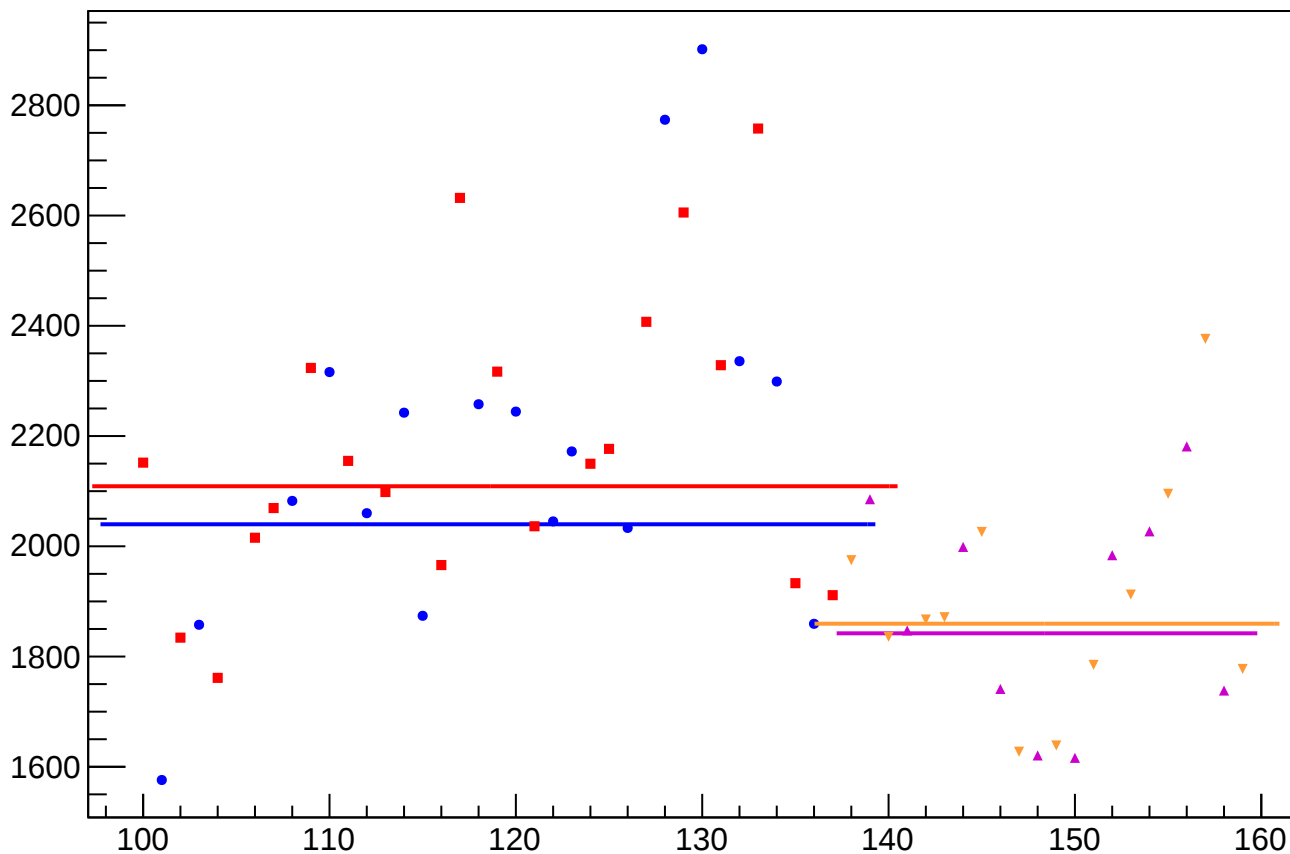
Left In: 2022.962 $\pm$ 647.240 χ^2/NDF : 6.8/9

1943.367 $\pm$ 492.869 χ^2/NDF : 33.1/28

2173.861 $\pm$ 351.590 χ^2/NDF : 53.6/58

2412.683 $\pm$ 501.694 χ^2/NDF : 20.0/29

asym_usr_rms vs Slug, Sign Corrected



Right In: 2039.942 ± 0.567 $\chi^2/\text{NDF}: 331984.0/16$

Left Out: 1859.575 ± 0.442 $\chi^2/\text{NDF}: 177102.2/11$

Right Out: 2108.906 ± 0.561 $\chi^2/\text{NDF}: 198889.3/19$

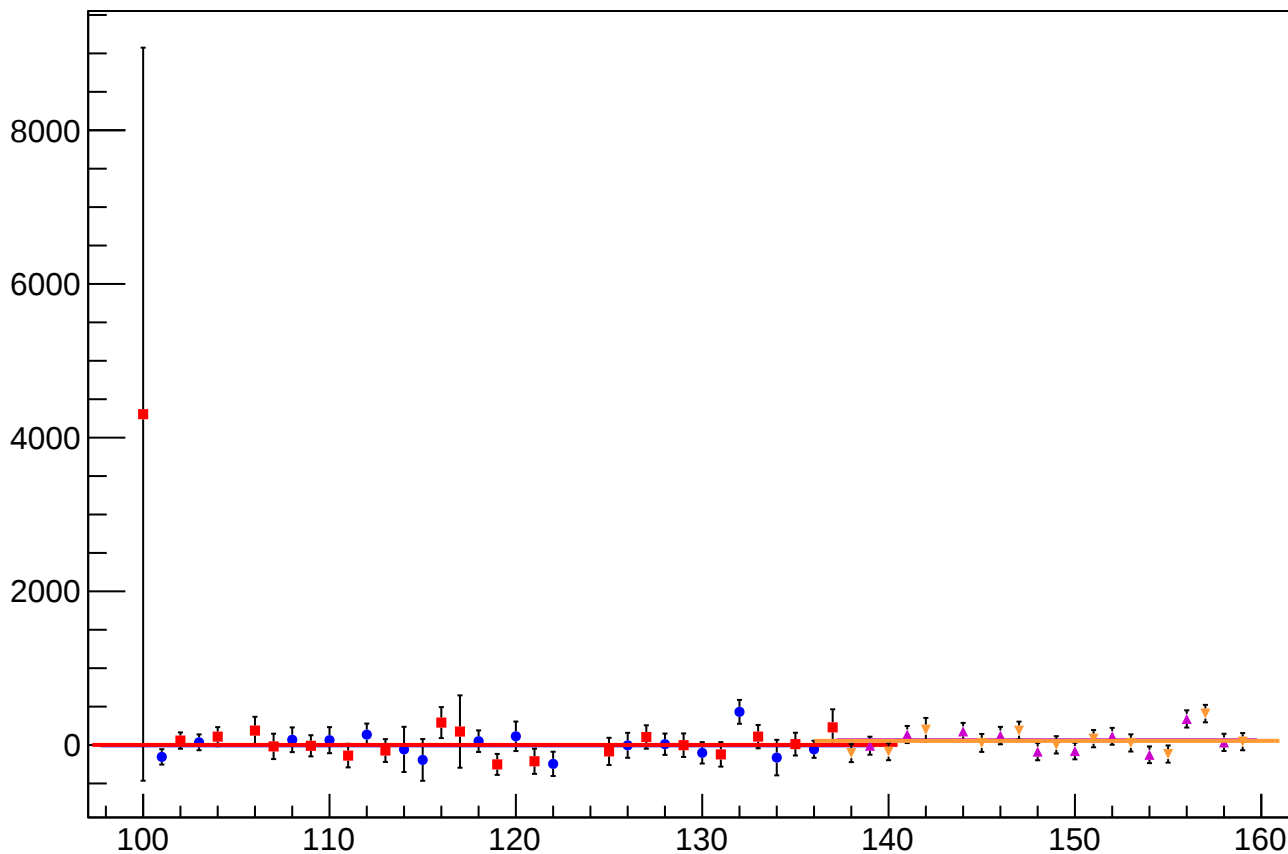
Left In: 1842.124 ± 0.458 $\chi^2/\text{NDF}: 165751.5/9$

1927.652 ± 0.349 $\chi^2/\text{NDF}: 572023.2/28$

1937.949 ± 0.249 $\chi^2/\text{NDF}: 1074077.7/58$

1948.617 ± 0.355 $\chi^2/\text{NDF}: 500277.4/29$

reg_asym_dsl_mean vs Slug, Sign Corrected



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

Left Out: 54.397 ± 34.949 χ^2/NDF : 18.2/10

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

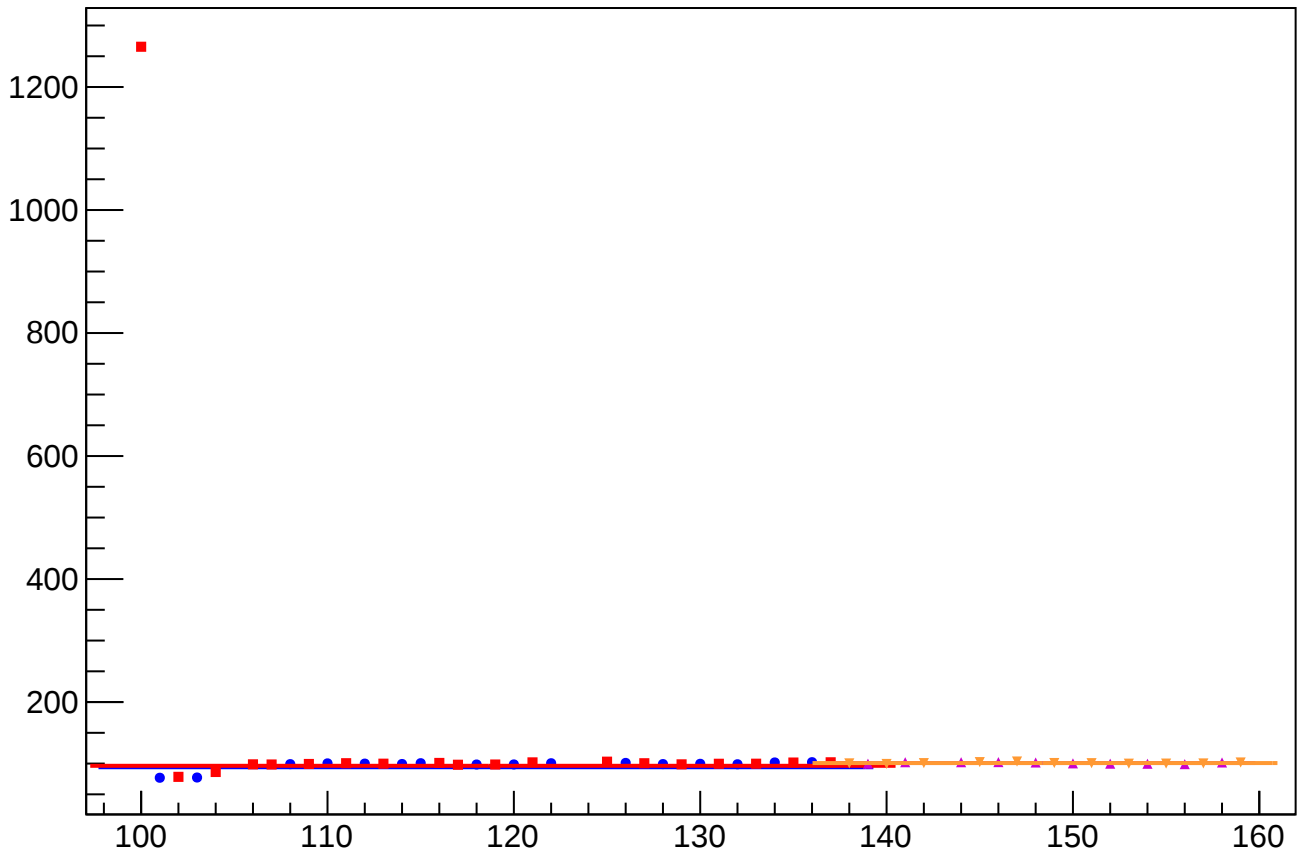
Left In: 61.772 ± 35.239 χ^2/NDF : 15.0/9

26.977 ± 25.314 χ^2/NDF : 35.6/26

29.875 ± 17.923 χ^2/NDF : 66.2/55

32.788 ± 25.381 χ^2/NDF : 30.5/28

reg_asym_dsl_rms vs Slug, Sign Corrected



Right In: 94.068 $\pm$ 0.026 χ^2 /NDF: 152285.6/15

Left Out: 100.841 $\pm$ 0.025 χ^2 /NDF: 2125.4/10

Right Out: 96.383 $\pm$ 0.026 χ^2 /NDF: 209255.3/18

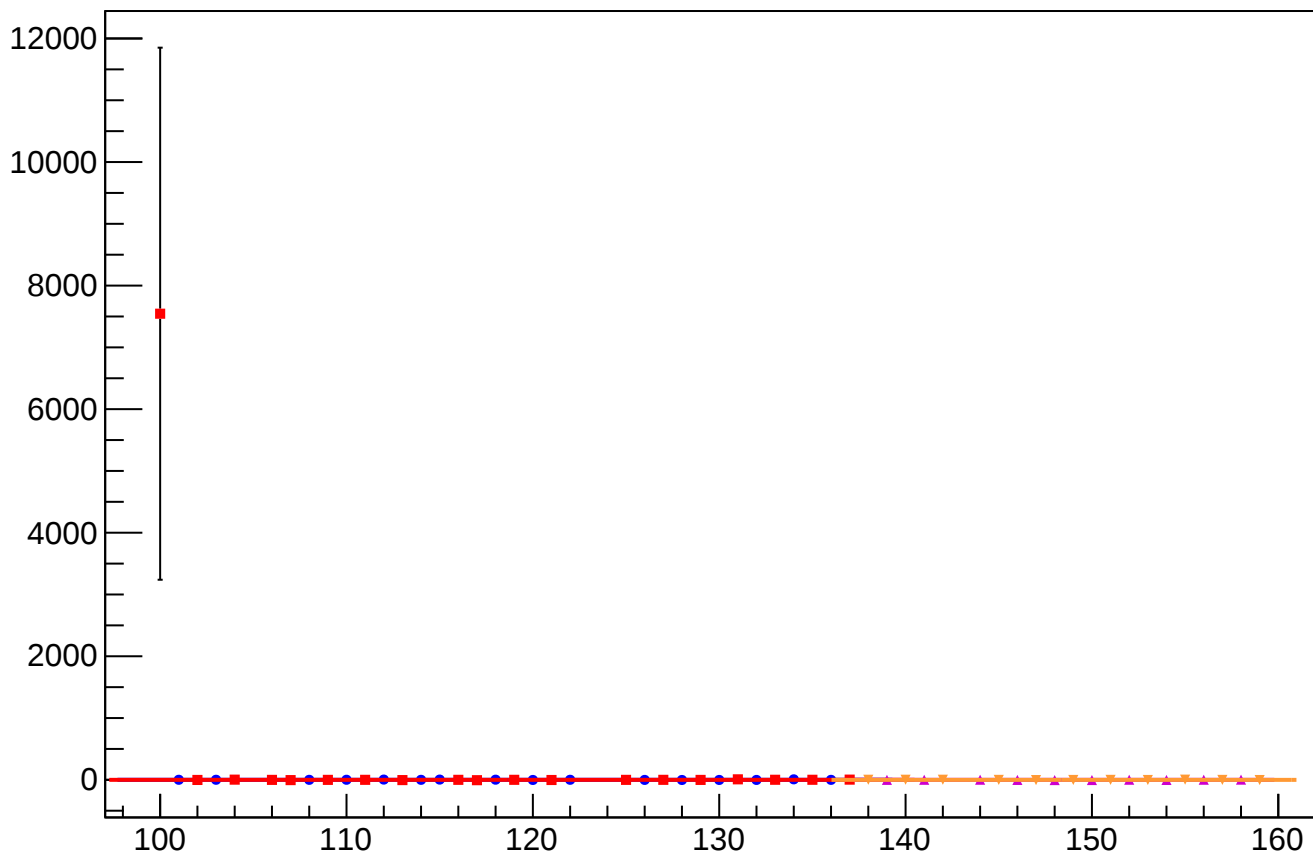
Left In: 100.922 $\pm$ 0.025 χ^2 /NDF: 2318.6/9

97.621 $\pm$ 0.018 χ^2 /NDF: 190115.9/26

98.178 $\pm$ 0.013 χ^2 /NDF: 419602.3/55

98.738 $\pm$ 0.018 χ^2 /NDF: 227546.8/28

asym_dsl_correction_mean vs Slug, Sign Corrected



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

Left Out: -0.785+/-0.603 χ^2/NDF : 12.8/10

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

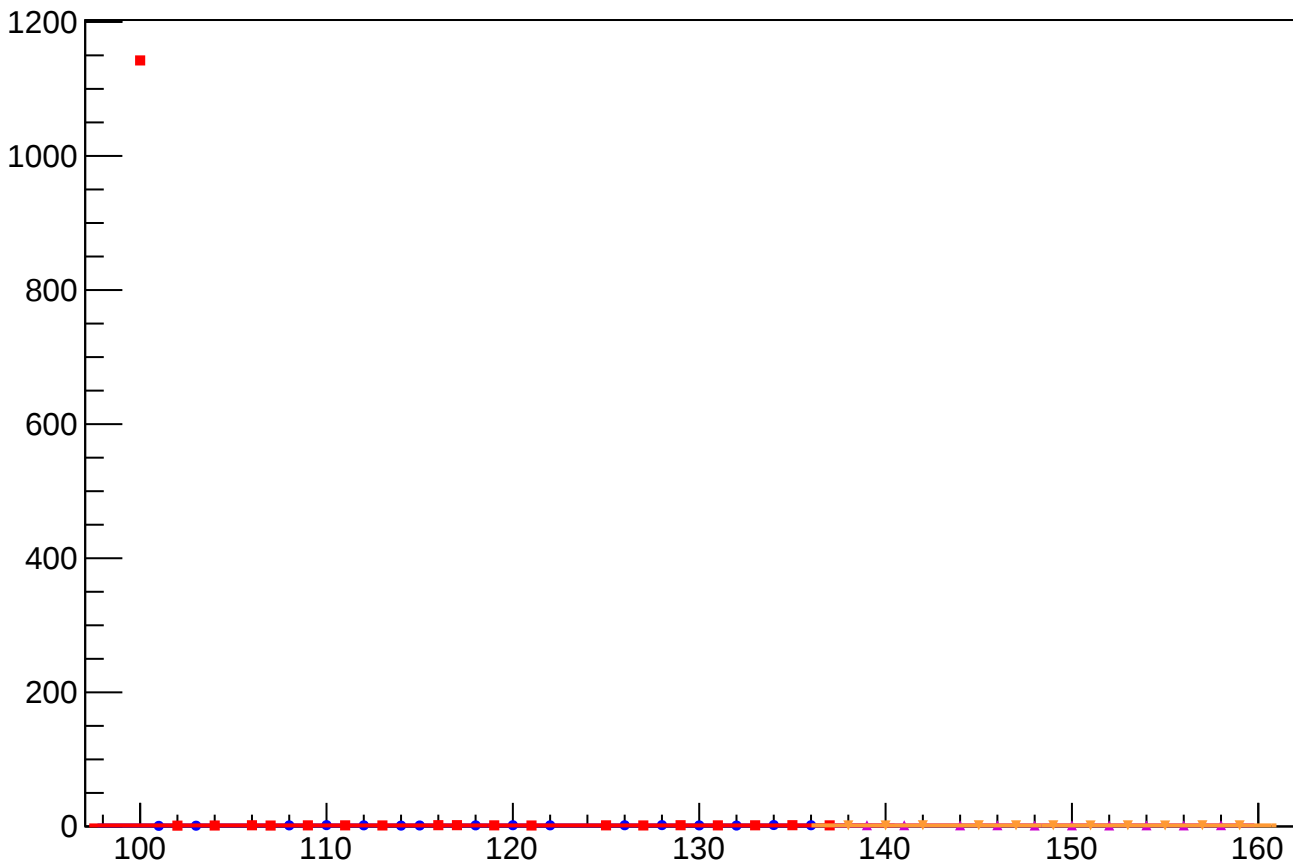
Left In: -0.255+/-0.639 χ^2/NDF : 13.4/9

-0.192+/-0.431 χ^2/NDF : 24.5/26

-0.241+/-0.312 χ^2/NDF : 61.1/55

-0.295+/-0.453 χ^2/NDF : 36.5/28

asym_dsl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1.600 $\pm$ 0.000 χ^2 /NDF: 52074.7/10

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

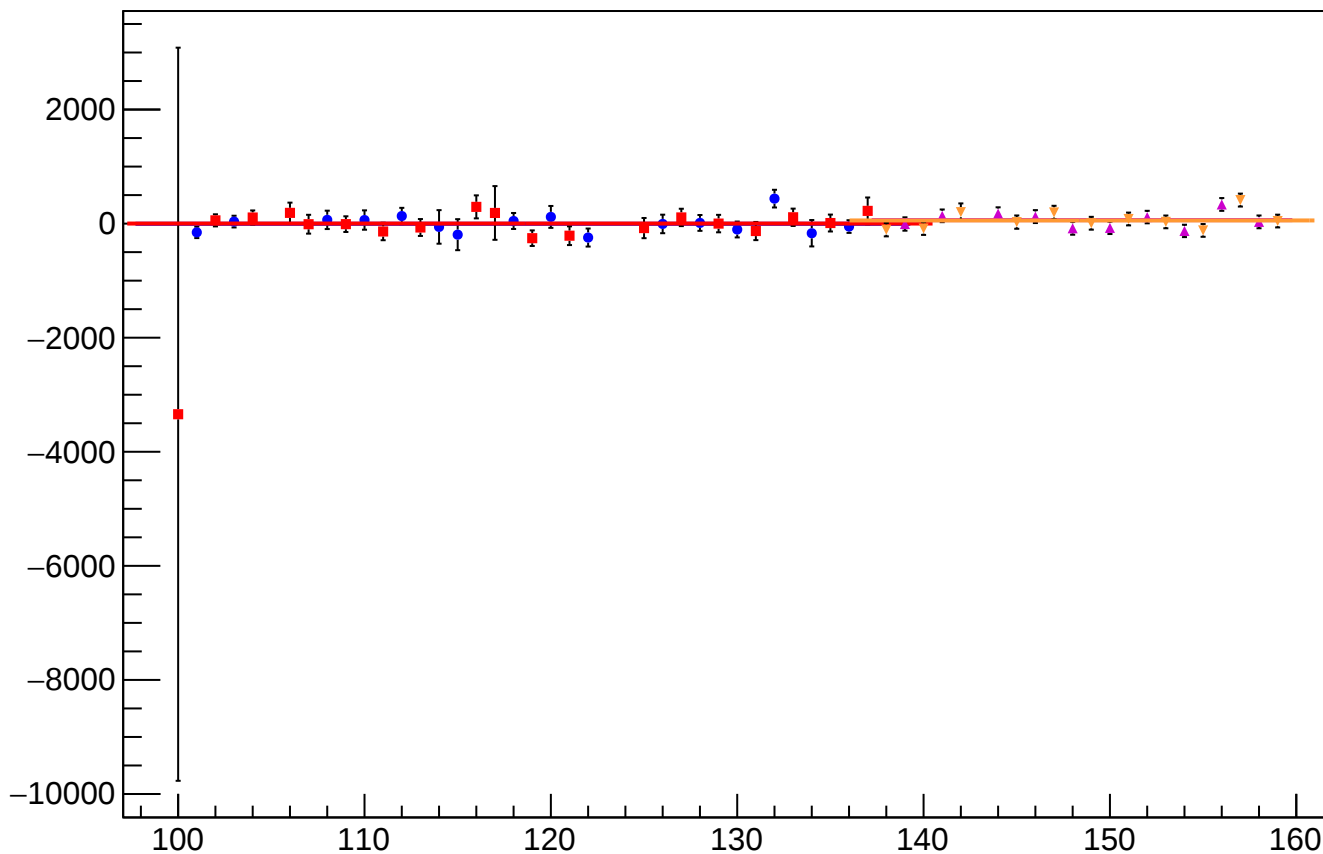
Left In: 1.701 $\pm$ 0.000 χ^2 /NDF: 97407.5/9

1.511 $\pm$ 0.000 χ^2 /NDF: 870200.0/26

1.567 $\pm$ 0.000 χ^2 /NDF: 1407549.0/55

1.629 $\pm$ 0.000 χ^2 /NDF: 466359.6/28

asym_dsl_mean vs Slug, Sign Corrected



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

Left Out: 55.591 ± 34.958 χ^2/NDF : 18.6/10

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

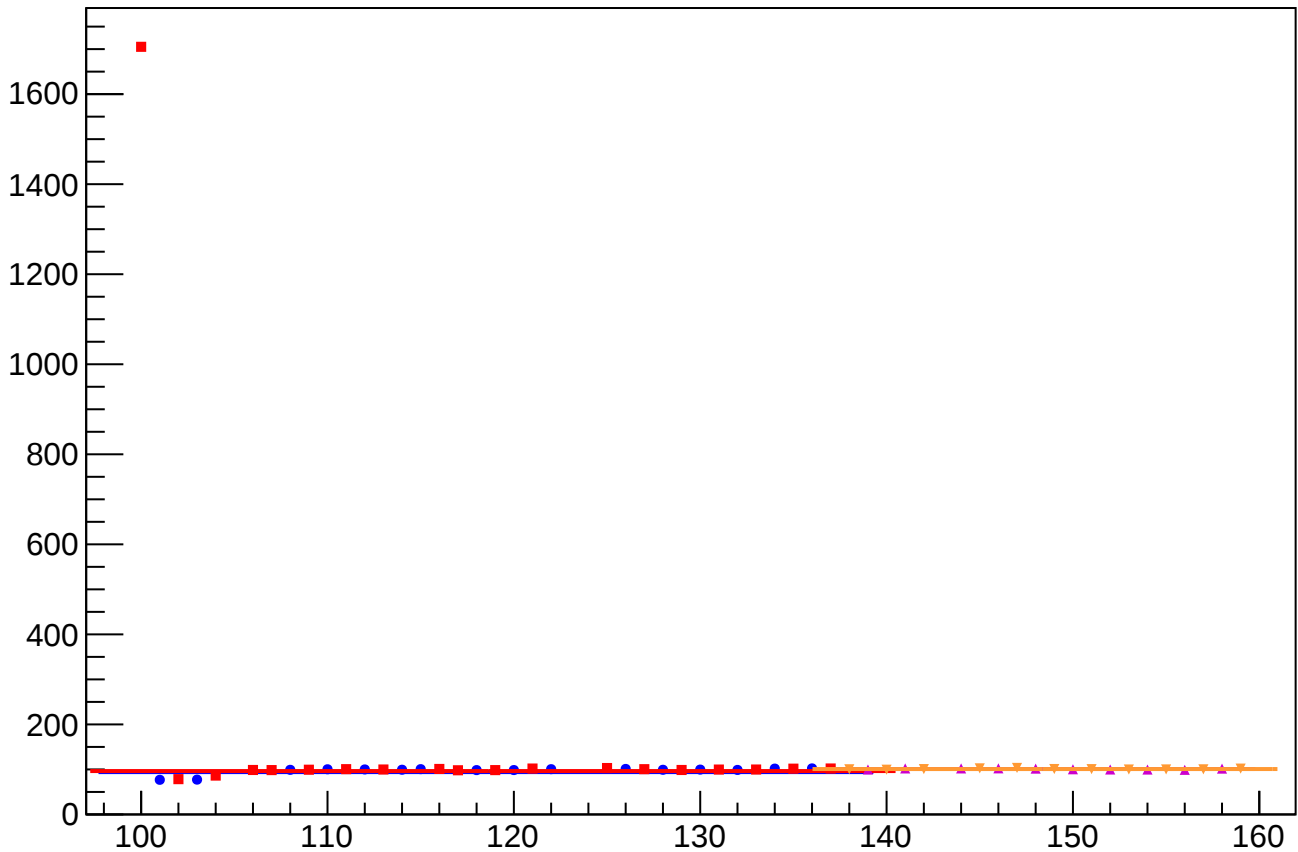
Left In: 61.647 ± 35.249 χ^2/NDF : 14.7/9

27.690 ± 25.320 χ^2/NDF : 36.2/26

30.142 ± 17.928 χ^2/NDF : 66.1/55

32.606 ± 25.388 χ^2/NDF : 29.8/28

asym_dsl_rms vs Slug, Sign Corrected



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

Left Out: 100.867+/-0.025 χ^2/NDF : 2124.5/10

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

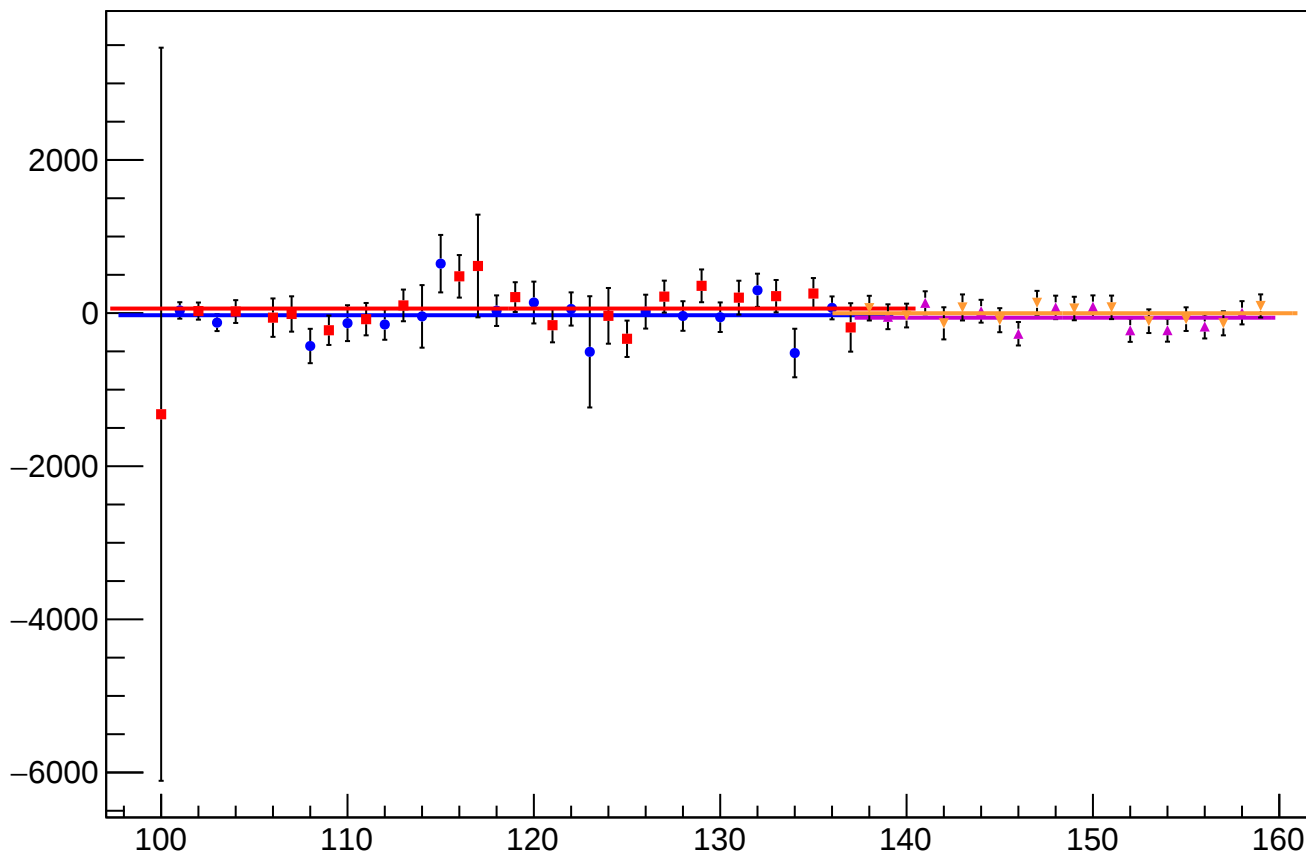
Left In: 100.950+/-0.025 χ^2/NDF : 2318.8/9

97.647+/-0.018 χ^2/NDF : 190137.9/26

98.200+/-0.013 χ^2/NDF : 424855.5/55

98.756+/-0.018 χ^2/NDF : 232803.0/28

reg_asym_dsr_mean vs Slug, Sign Corrected



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

Left Out: -1.855 ± 46.035 χ^2/NDF : 4.1/11

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

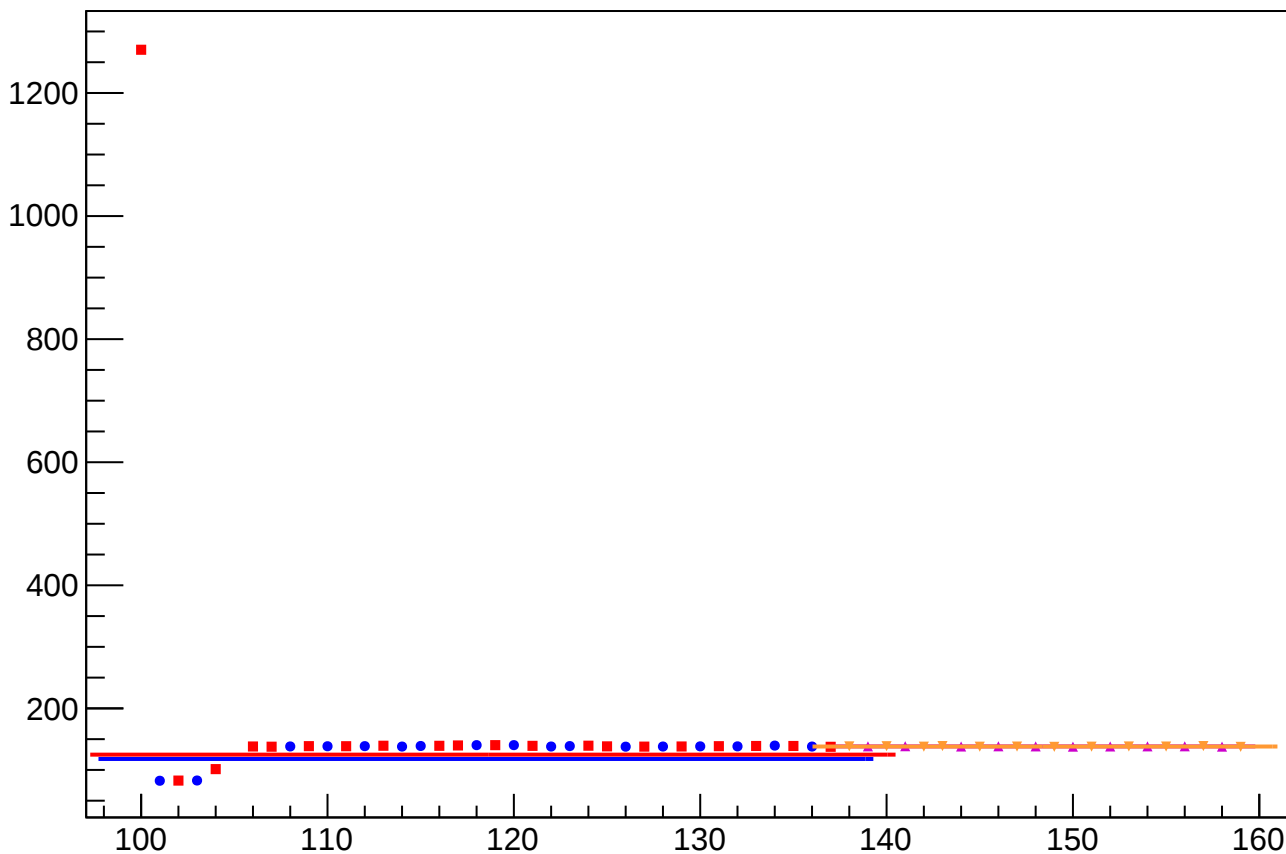
Left In: -60.286 ± 48.263 χ^2/NDF : 8.6/9

-14.640 ± 32.811 χ^2/NDF : 18.6/28

-7.409 ± 23.572 χ^2/NDF : 46.0/58

0.304 ± 33.886 χ^2/NDF : 27.3/29

reg asym dsr rms vs Slug, Sign Corrected



Right In: 117.815+/-0.033 χ^2/NDF : 666581.7/16

Left Out: 138.041+/-0.033 χ^2/NDF :165.9/11

Right Out: 124.839 ± 0.034 χ^2/NDF : 570766.0/19

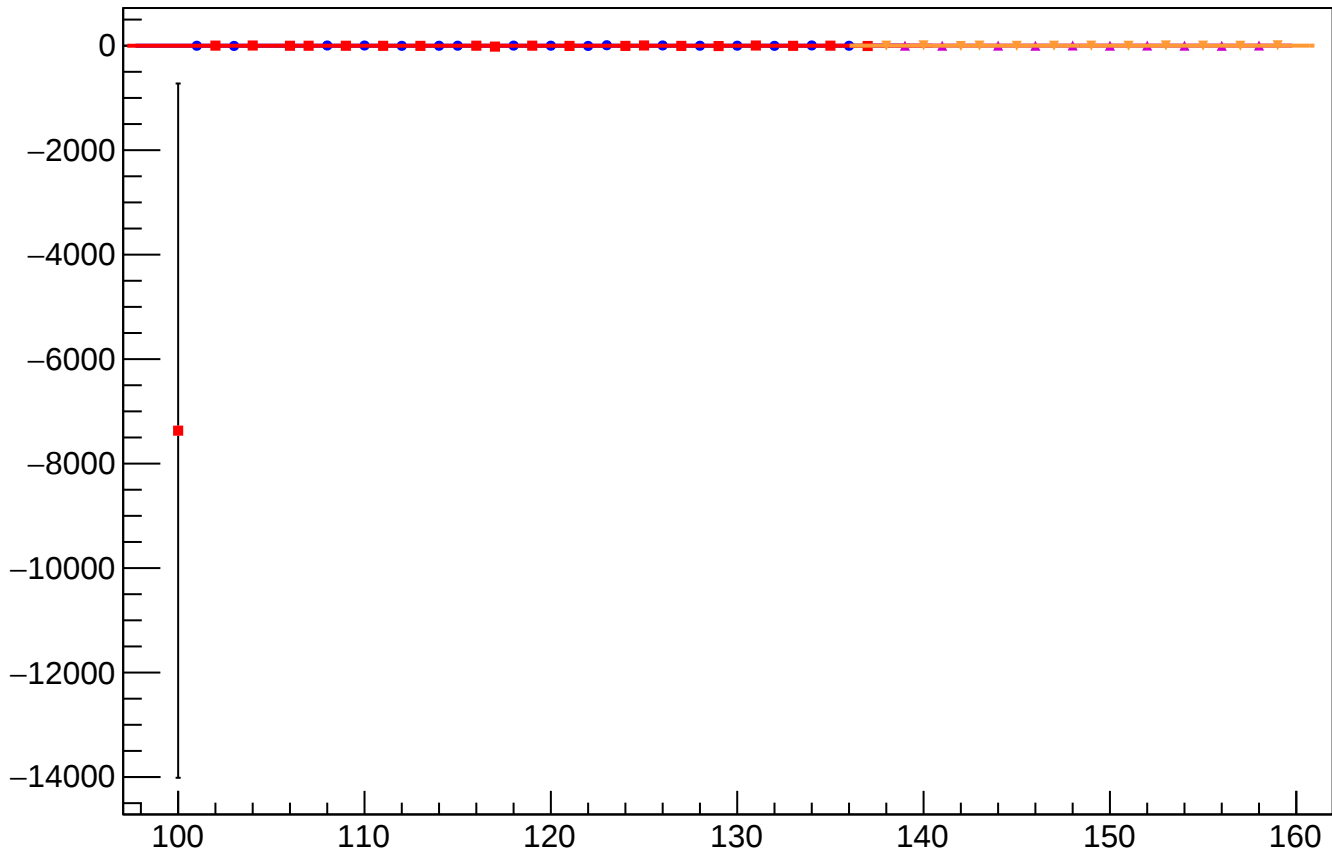
Left In: 138.223+/-0.034 χ^2/NDF :41.5/9

128.090+/-0.023 χ^2/NDF : 856701.3/28

129.709+/-0.017 χ^2/NDF : 1515575.3/58

131.437+/-0.024 χ^2/NDF : 648800.5/29

asym_dsr_correction_mean vs Slug, Sign Corrected



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

Left Out: 0.841 ± 0.783 χ^2/NDF : 17.6/11

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

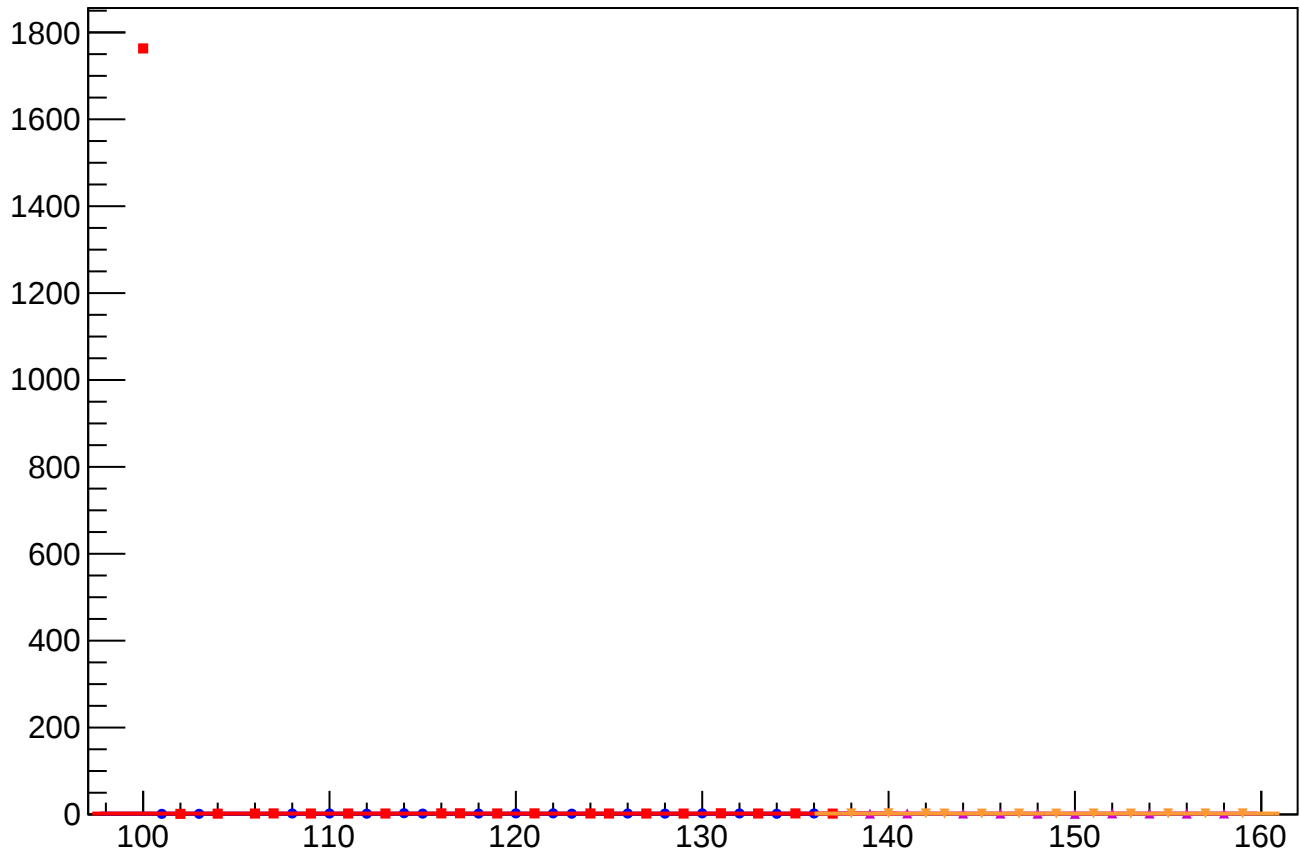
Left In: 1.390 ± 0.816 χ^2/NDF : 4.1/9

0.099 ± 0.563 χ^2/NDF : 32.1/28

0.232 ± 0.407 χ^2/NDF : 54.8/58

0.377 ± 0.589 χ^2/NDF : 22.6/29

asym_dsr_correction_rms vs Slug, Sign Corrected



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

Left Out: 2.145 $\pm$ 0.001 χ^2 /NDF: 170740.8/11

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

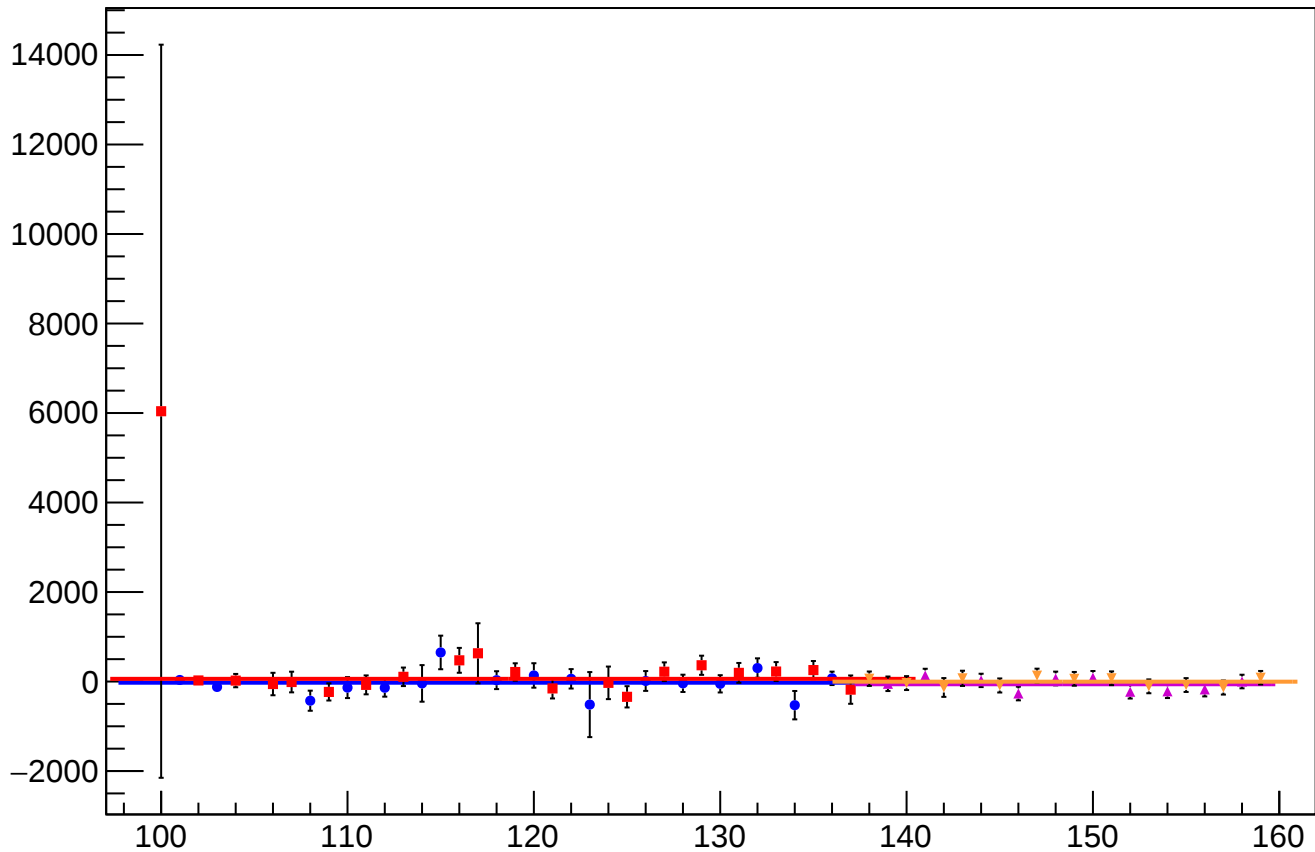
Left In: 2.097 $\pm$ 0.001 χ^2 /NDF: 268544.0/9

2.012 $\pm$ 0.000 χ^2 /NDF: 783516.9/28

2.046 $\pm$ 0.000 χ^2 /NDF: 1598946.4/58

2.083 $\pm$ 0.000 χ^2 /NDF: 800060.9/29

asym_dsr_mean vs Slug, Sign Corrected



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

Left Out: -3.126 ± 46.047 χ^2/NDF : 4.0/11

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

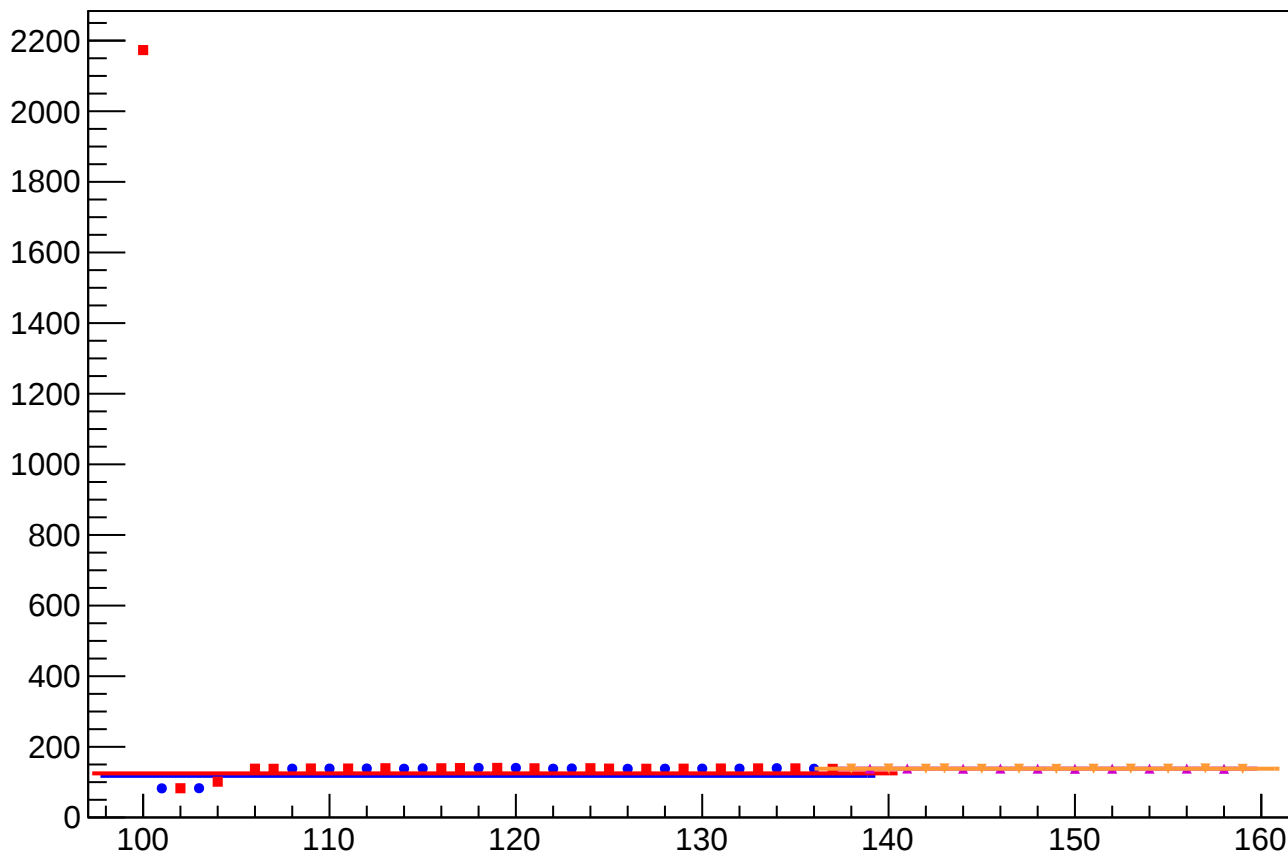
Left In: -60.742 ± 48.275 χ^2/NDF : 8.5/9

-14.507 ± 32.820 χ^2/NDF : 18.5/28

-7.218 ± 23.578 χ^2/NDF : 46.5/58

0.557 ± 33.895 χ^2/NDF : 28.0/29

asym_dsr_rms vs Slug, Sign Corrected



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

Left Out: 138.077 $\pm$ 0.033 χ^2 /NDF: 165.4/11

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

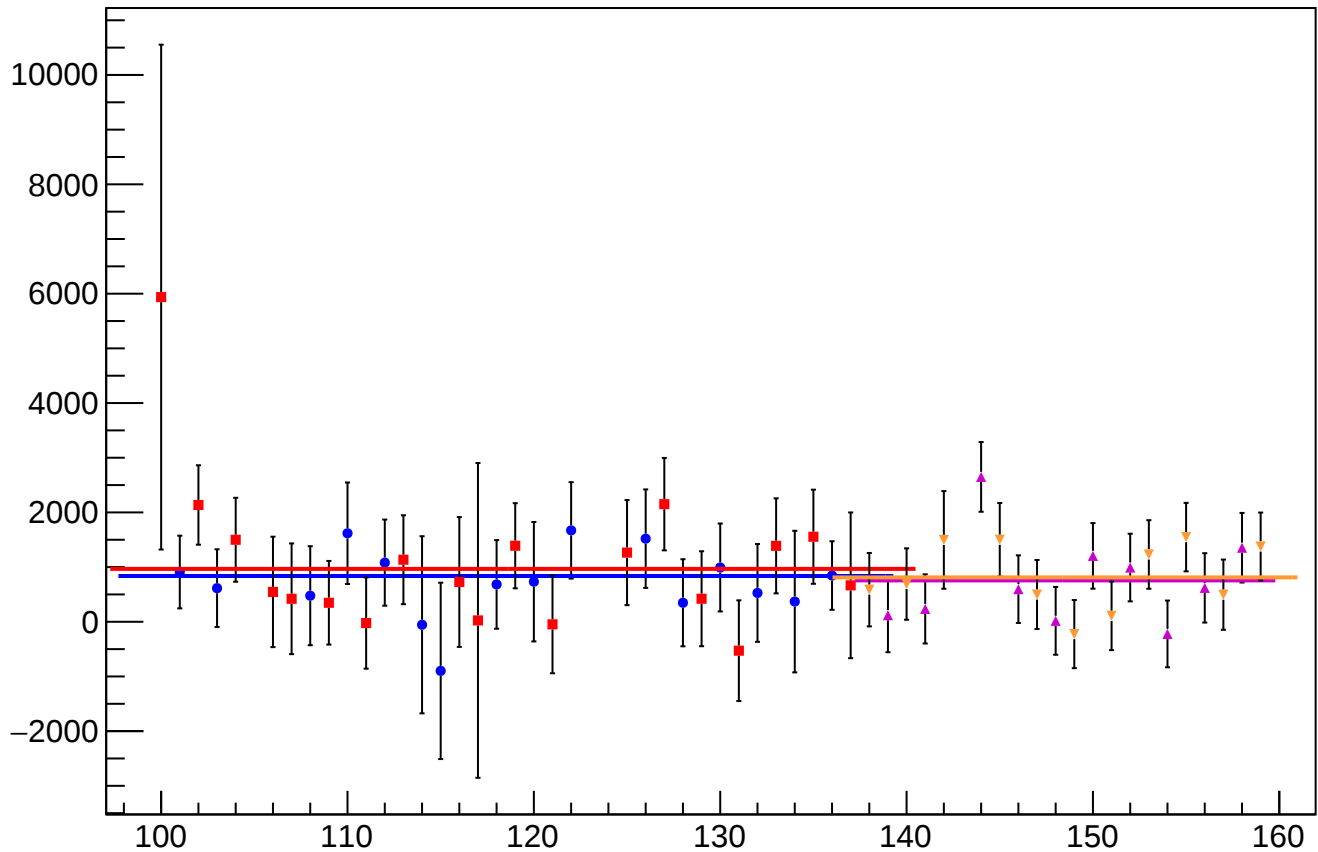
Left In: 138.260 $\pm$ 0.034 χ^2 /NDF: 41.4/9

128.124 $\pm$ 0.023 χ^2 /NDF: 856715.5/28

129.733 $\pm$ 0.017 χ^2 /NDF: 1526553.3/58

131.450 $\pm$ 0.024 χ^2 /NDF: 659896.1/29

reg_asym_left_avg_mean vs Slug, Sign Corrected



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

Left Out: 811.414 ± 196.985 χ^2/NDF : 9.0/10

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

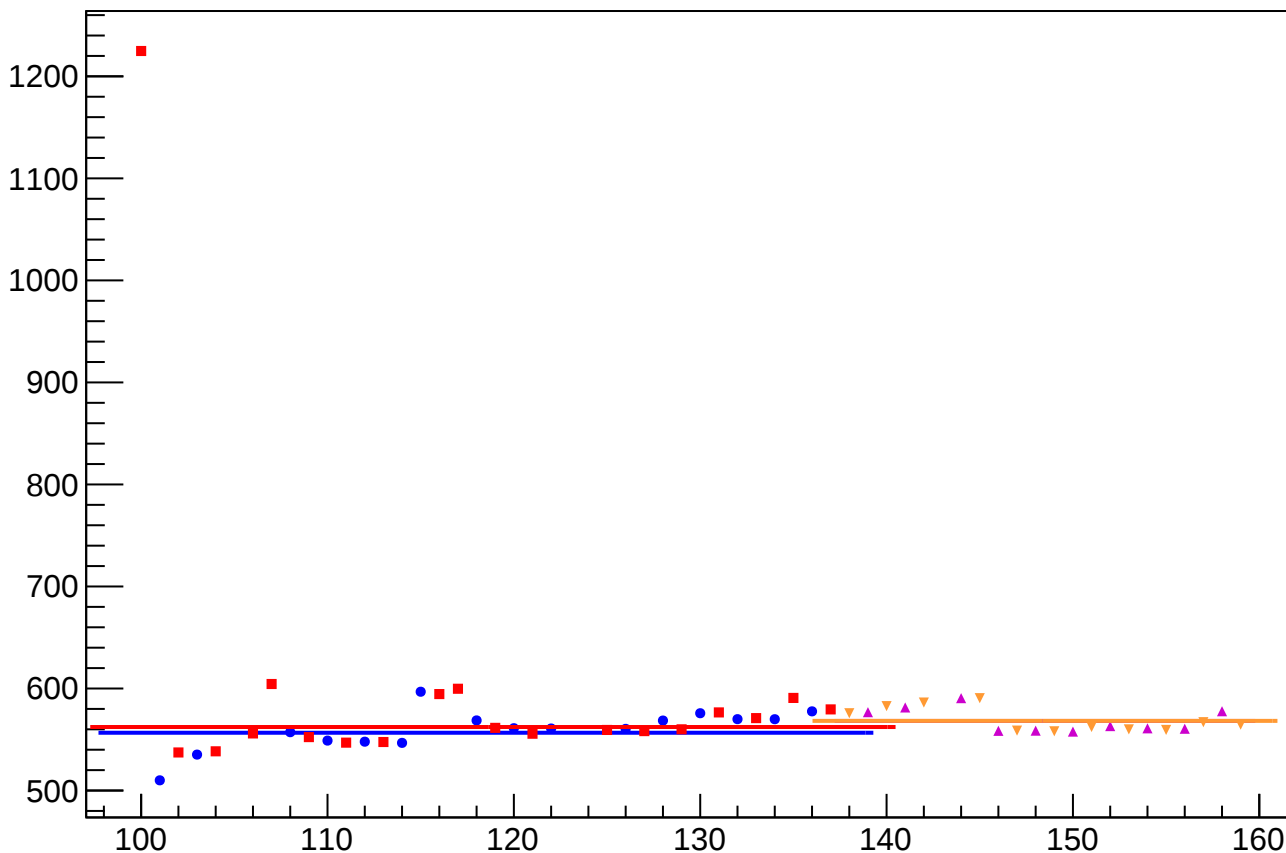
Left In: 756.562 ± 198.418 χ^2/NDF : 16.1/9

823.042 ± 145.604 χ^2/NDF : 13.7/26

839.032 ± 102.715 χ^2/NDF : 44.7/55

854.871 ± 144.920 χ^2/NDF : 31.0/28

reg_asym_left_avg_rms vs Slug, Sign Corrected



Right In: 556.637 $\pm$ 0.153 χ^2/NDF : 18391.7/15

Left Out: 568.278 $\pm$ 0.139 χ^2/NDF : 6235.4/10

Right Out: 562.253 $\pm$ 0.150 χ^2/NDF : 55916.7/18

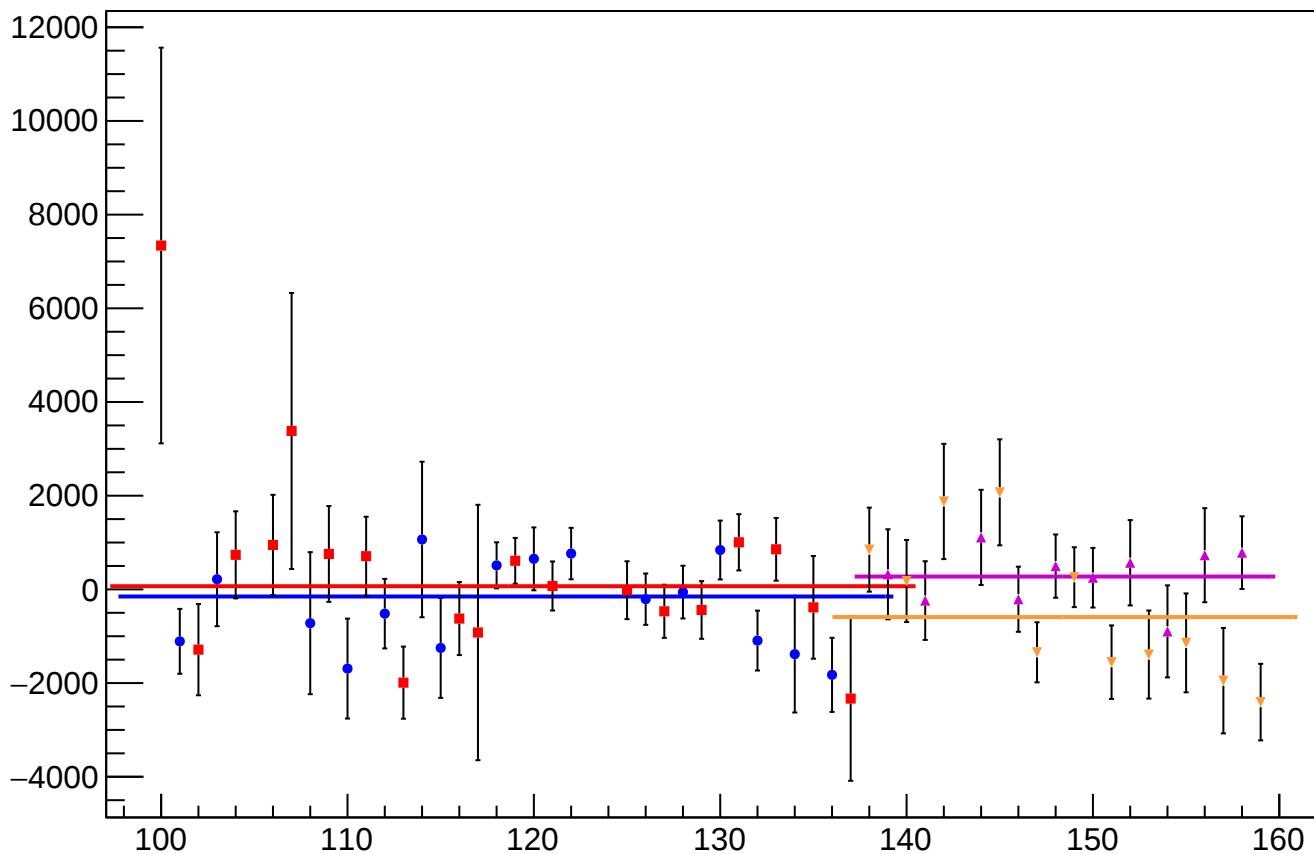
Left In: 568.189 $\pm$ 0.140 χ^2/NDF : 6372.1/9

562.997 $\pm$ 0.103 χ^2/NDF : 27795.3/26

564.214 $\pm$ 0.073 χ^2/NDF : 91197.2/55

565.419 $\pm$ 0.102 χ^2/NDF : 63123.9/28

asym_left_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -590.656 ± 259.854 χ^2/NDF : 25.0/10

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

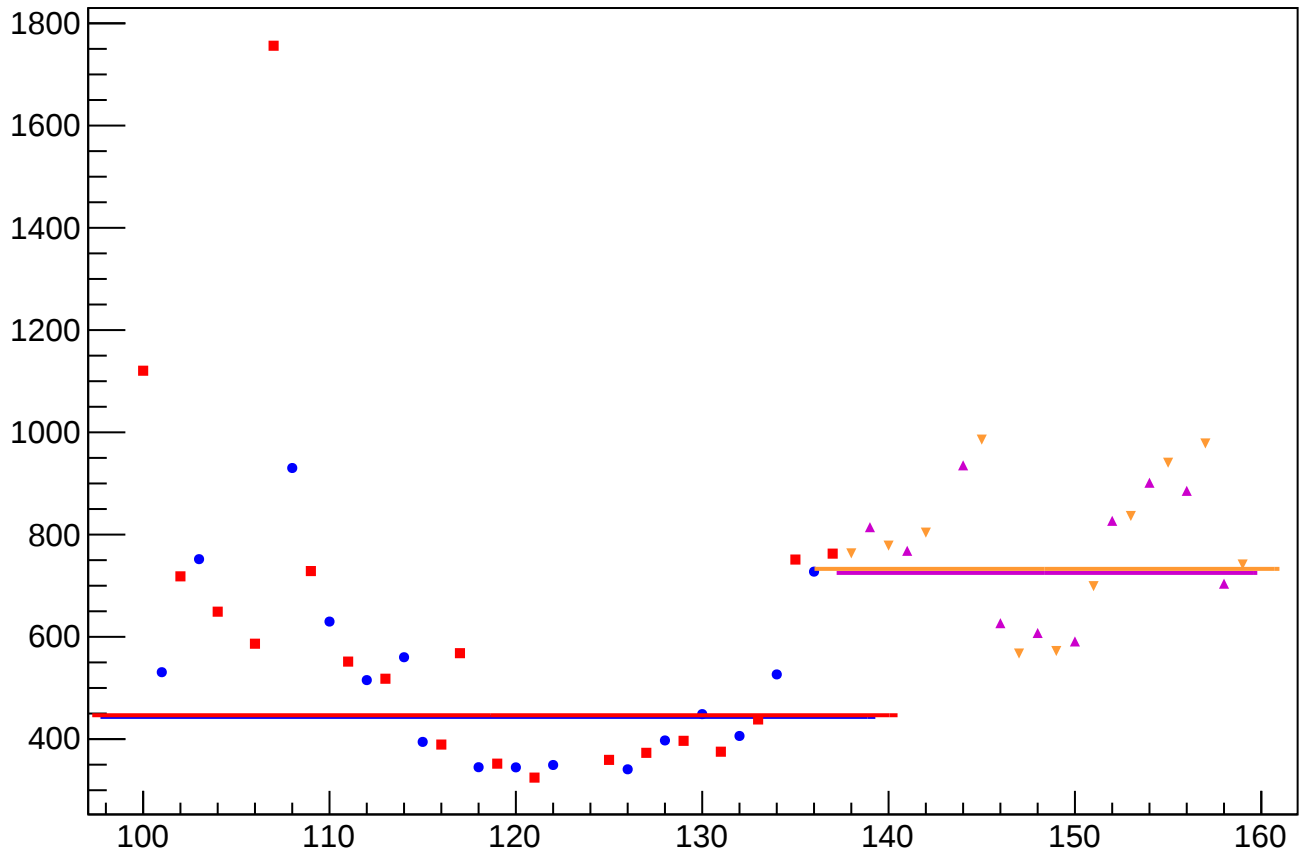
Left In: 274.054 ± 257.399 χ^2/NDF : 3.8/9

-294.232 ± 148.011 χ^2/NDF : 49.2/26

-77.767 ± 104.143 χ^2/NDF : 82.8/55

134.477 ± 146.561 χ^2/NDF : 29.4/28

asym_left_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 732.969+/-0.184 χ^2/NDF : 574537.2/10

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

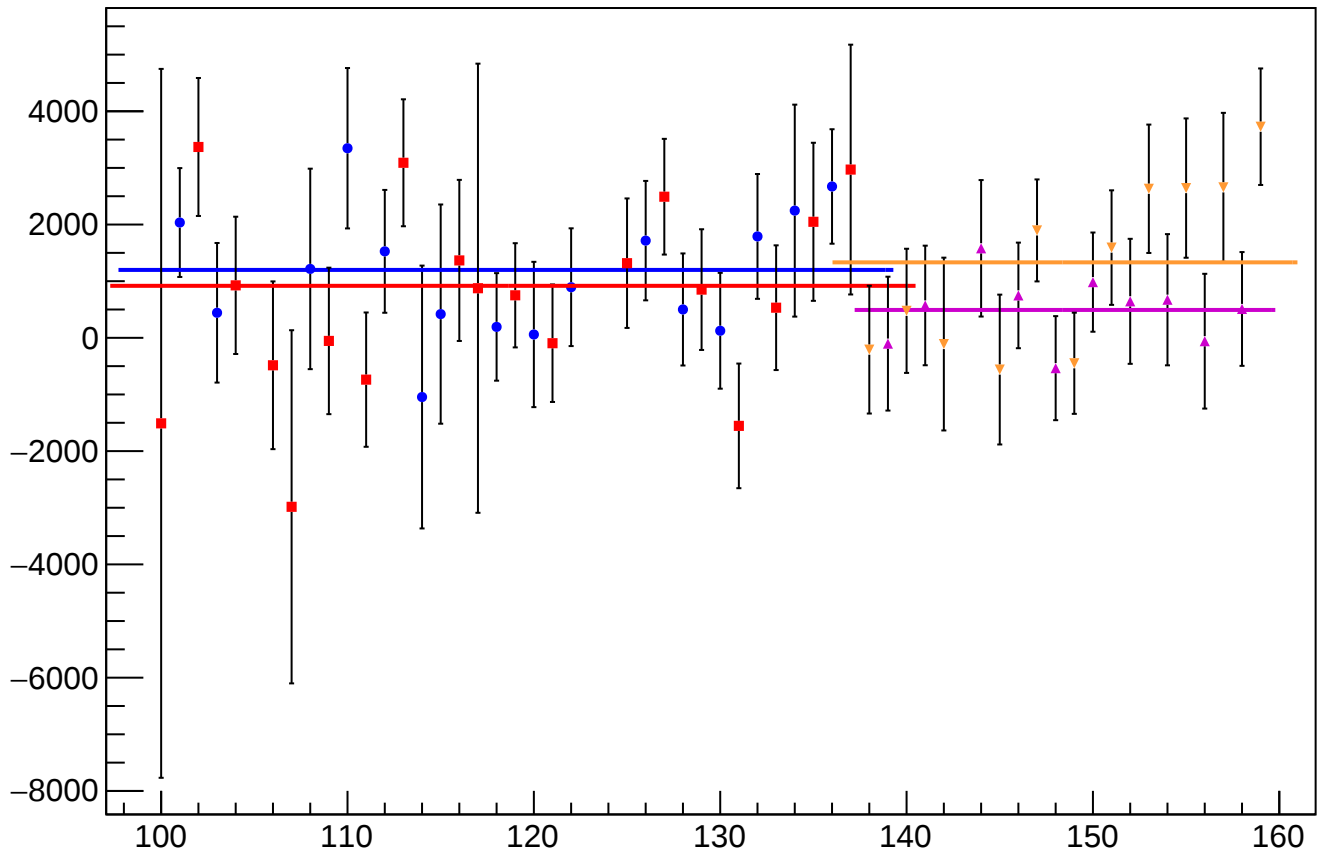
Left In: 725.055+/-0.182 χ^2/NDF : 439690.0/9

537.381+/-0.105 χ^2/NDF : 3312686.7/26

537.149+/-0.074 χ^2/NDF : 6797341.6/55

536.923+/-0.104 χ^2/NDF : 3484645.3/28

asym_left_avg_mean vs Slug, Sign Corrected



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

Left Out: 1332.434 $\pm$ 332.442 χ^2/NDF : 18.7/10

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

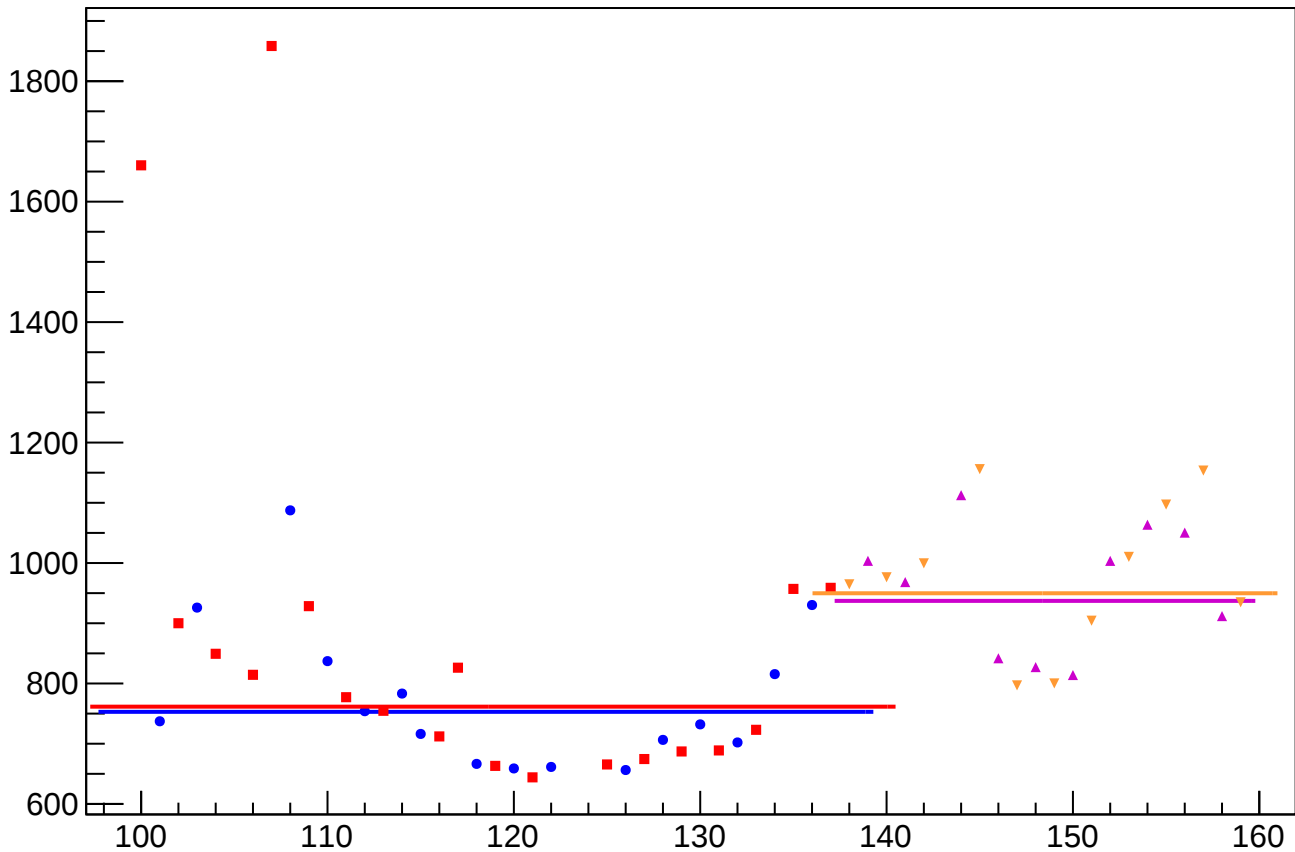
Left In: 492.217 $\pm$ 329.569 χ^2/NDF : 3.0/9

1257.821 $\pm$ 220.753 χ^2/NDF : 30.0/26

991.771 $\pm$ 155.388 χ^2/NDF : 60.0/55

730.495 $\pm$ 218.764 χ^2/NDF : 27.1/28

asym_left_avg_rms vs Slug, Sign Corrected



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

Left Out: 949.794+/-0.235 χ^2/NDF : 252952.3/10

Right Out: 761.514+/-0.207 χ^2/NDF : 517672.2/18

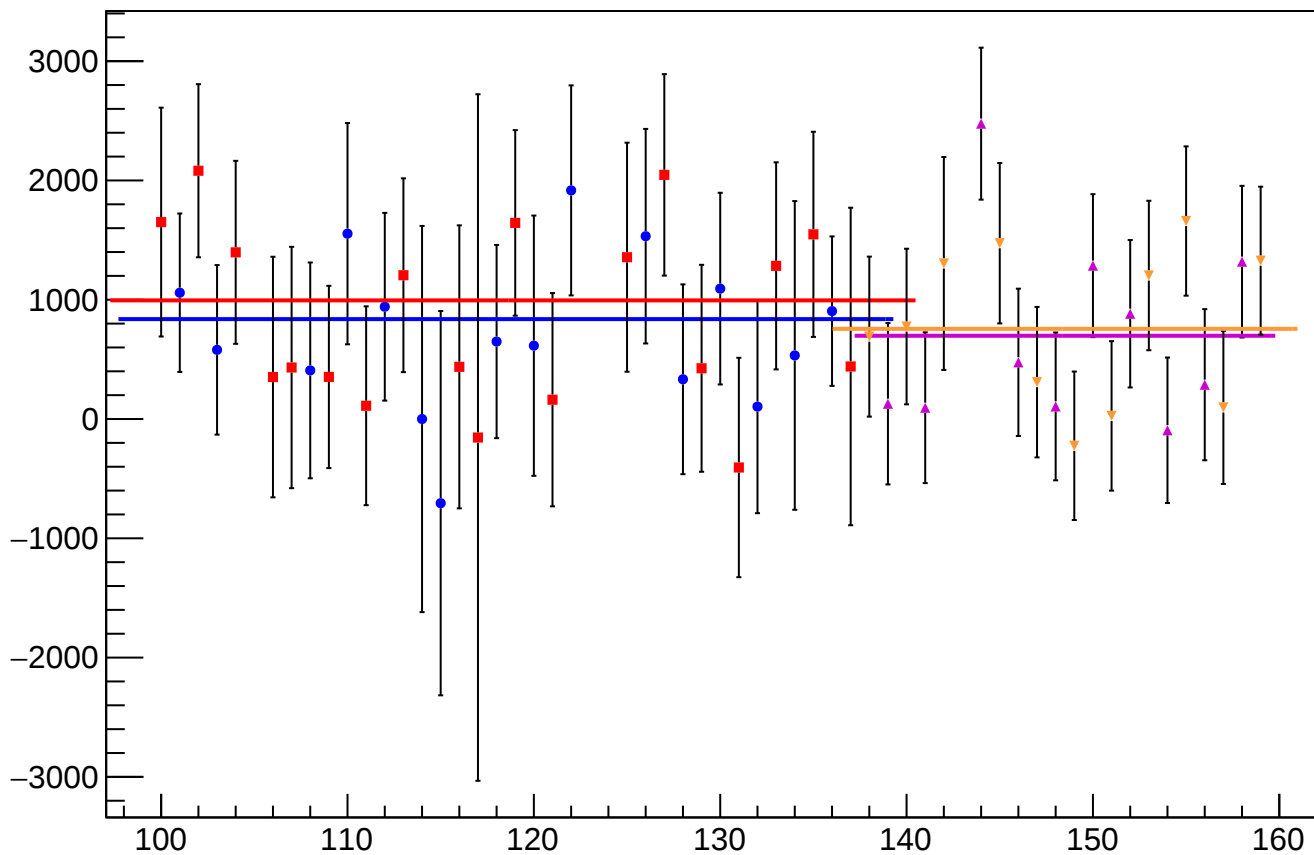
Left In: 937.149+/-0.233 χ^2/NDF : 190122.0/9

839.740+/-0.156 χ^2/NDF : 897541.2/26

839.317+/-0.110 χ^2/NDF : 1923087.7/55

838.901+/-0.155 χ^2/NDF : 1025531.9/28

reg_asym_left_dd_mean vs Slug, Sign Corrected



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

Left Out: 756.087 ± 196.822 χ^2/NDF : 10.4/10

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

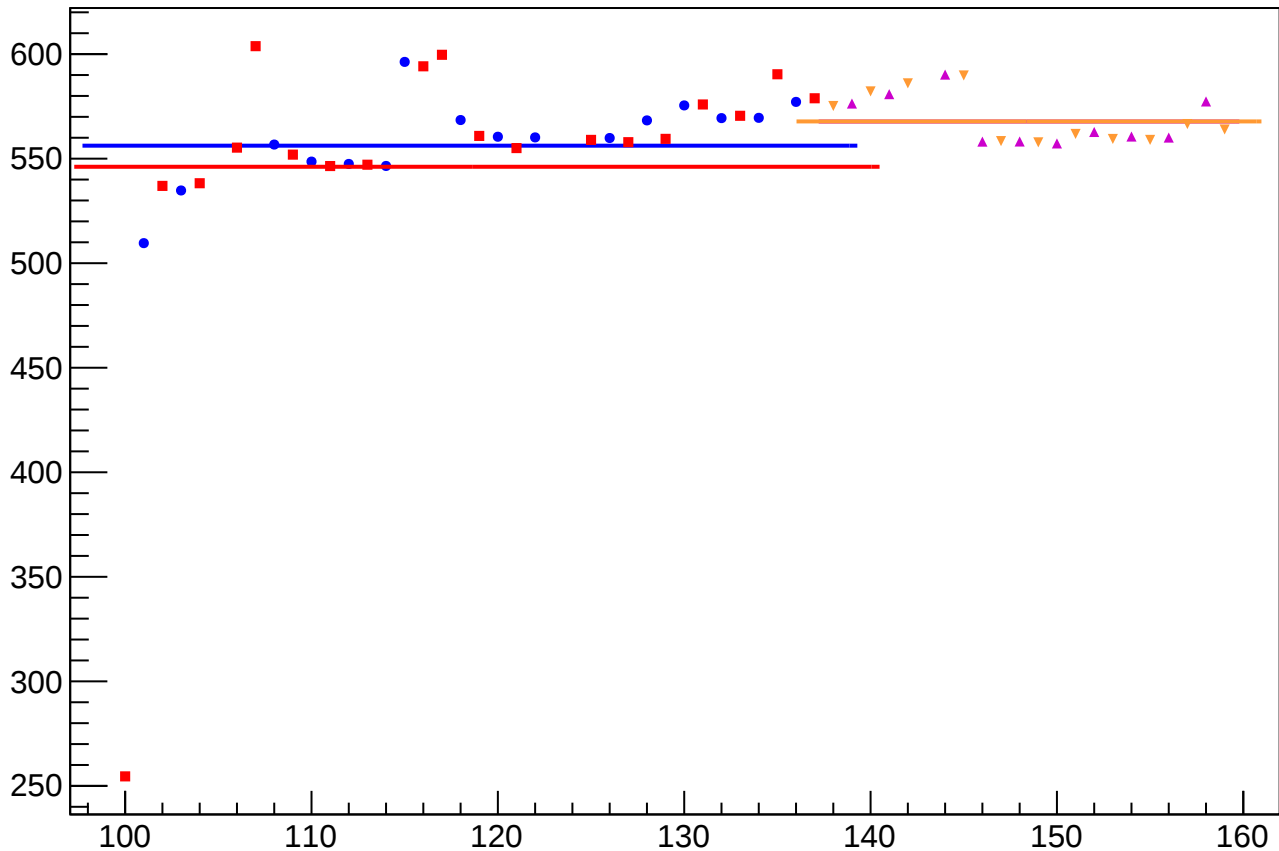
Left In: 698.102 ± 198.269 χ^2/NDF : 14.6/9

793.042 ± 145.488 χ^2/NDF : 16.1/26

816.798 ± 102.076 χ^2/NDF : 44.5/55

839.830 ± 143.253 χ^2/NDF : 28.3/28

reg_asym_left_dd_rms vs Slug, Sign Corrected



Right In: 556.210 $\pm$ 0.153 χ^2 /NDF: 18417.4/15

Left Out: 567.809 $\pm$ 0.139 χ^2 /NDF: 6170.0/10

Right Out: 546.124 $\pm$ 0.147 χ^2 /NDF: 208336.6/18

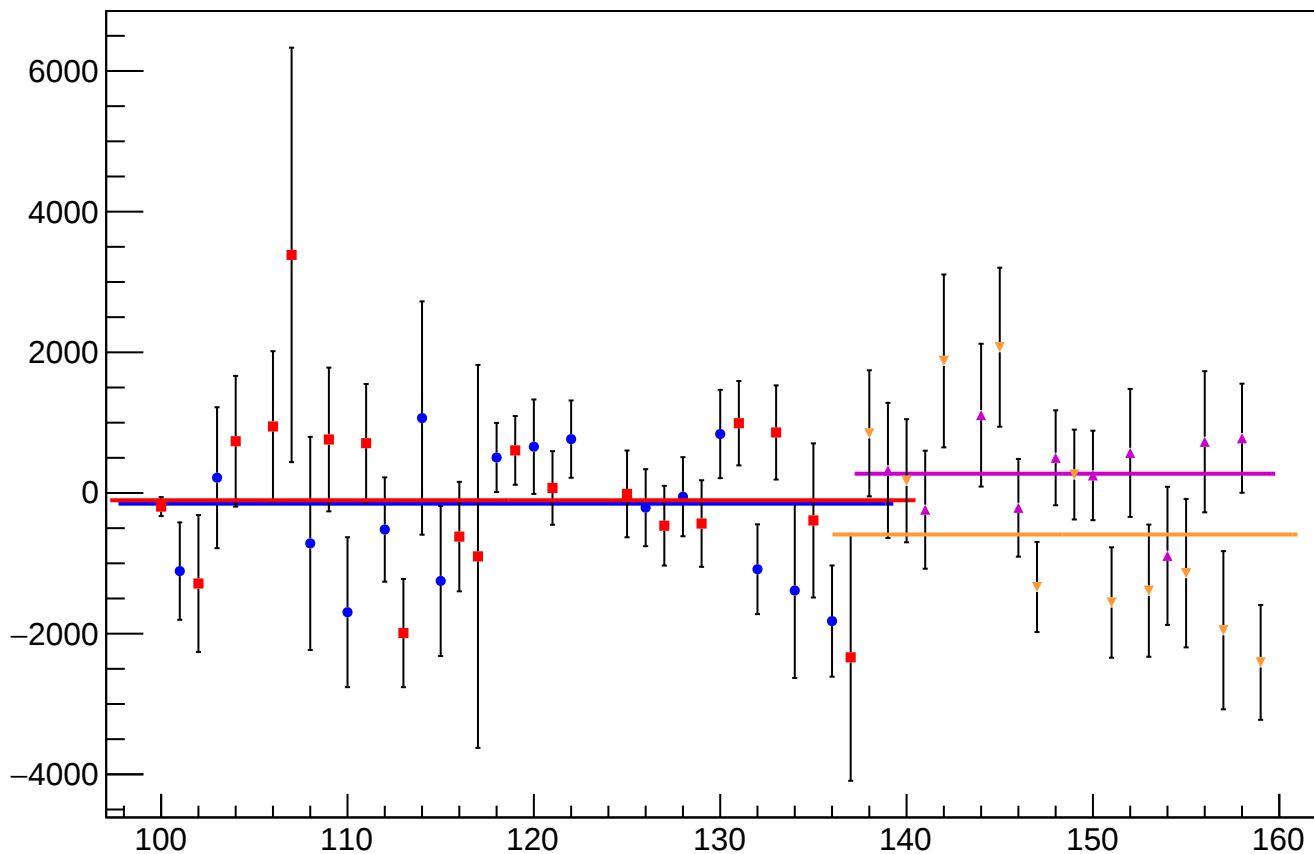
Left In: 567.760 $\pm$ 0.140 χ^2 /NDF: 6393.2/9

562.548 $\pm$ 0.103 χ^2 /NDF: 27738.1/26

559.944 $\pm$ 0.072 χ^2 /NDF: 255113.9/55

557.419 $\pm$ 0.101 χ^2 /NDF: 226113.7/28

asym_left_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -589.915+/-259.729 χ^2/NDF : 25.0/10

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

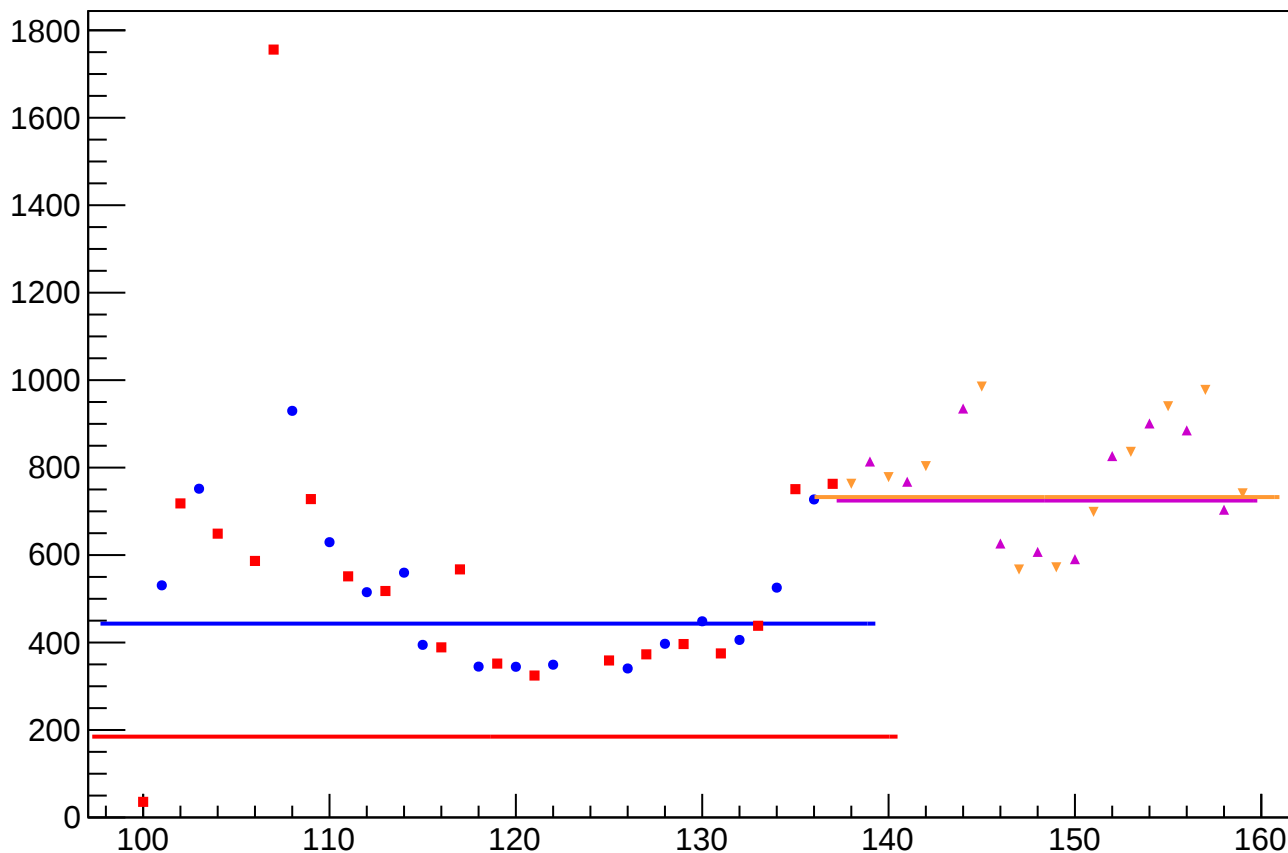
Left In: 274.136+/-257.264 χ^2/NDF : 3.8/9

-293.709+/-147.939 χ^2/NDF : 49.2/26

-123.687+/-82.440 χ^2/NDF : 80.1/55

-47.109+/-99.285 χ^2/NDF : 29.0/28

asym_left_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 732.612 +/- 0.184 χ^2/NDF : 574823.7/10

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

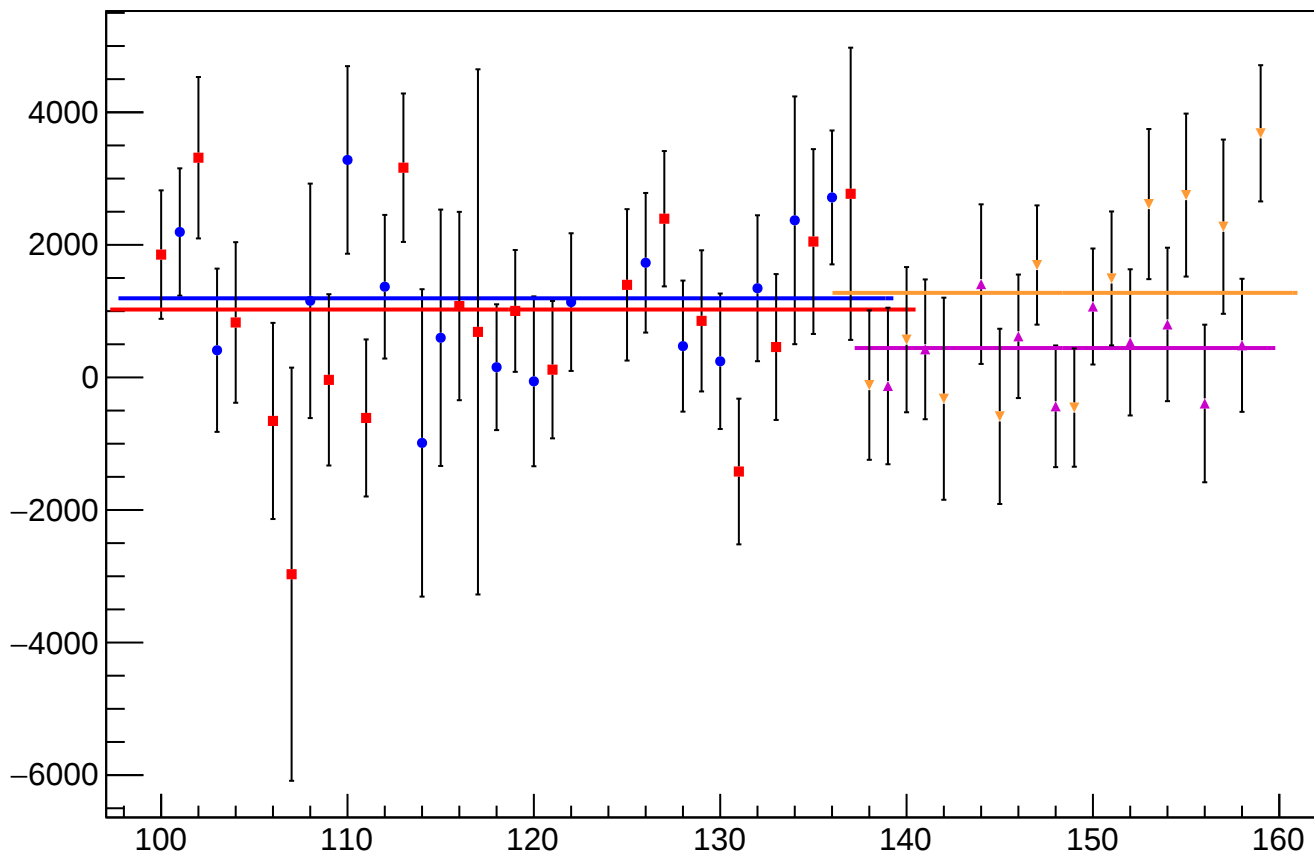
Left In: 724.672 +/- 0.182 χ^2/NDF : 439609.8/9

537.123 +/- 0.105 χ^2/NDF : 3312753.7/26

349.656 +/- 0.058 χ^2/NDF : 24024995.5/55

265.220 +/- 0.070 χ^2/NDF : 16054248.0/28

asym_left_dd_mean vs Slug, Sign Corrected



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

Left Out: 1275.937 $\pm$ 332.248 χ^2 /NDF: 17.9/10

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

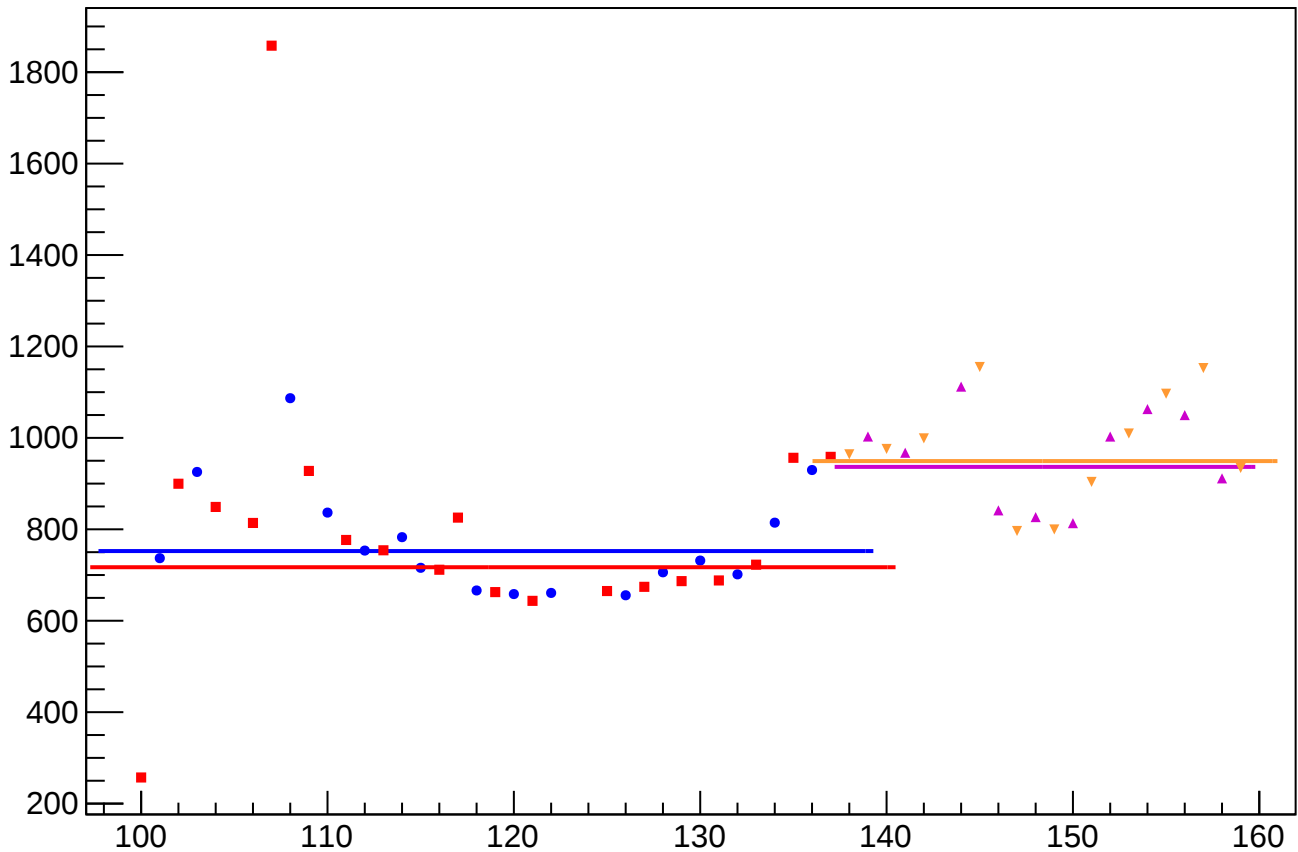
Left In: 443.459 $\pm$ 329.366 χ^2 /NDF: 2.9/9

1230.042 $\pm$ 220.614 χ^2 /NDF: 29.2/26

997.827 $\pm$ 153.377 χ^2 /NDF: 58.6/55

780.586 $\pm$ 213.383 χ^2 /NDF: 27.3/28

asym_left_dd_rms vs Slug, Sign Corrected



Right In: 752.429 $\pm$ 0.209 χ^2 /NDF: 252705.1/15

Left Out: 949.242 $\pm$ 0.235 χ^2 /NDF: 252890.8/10

Right Out: 717.067 $\pm$ 0.198 χ^2 /NDF: 968442.7/18

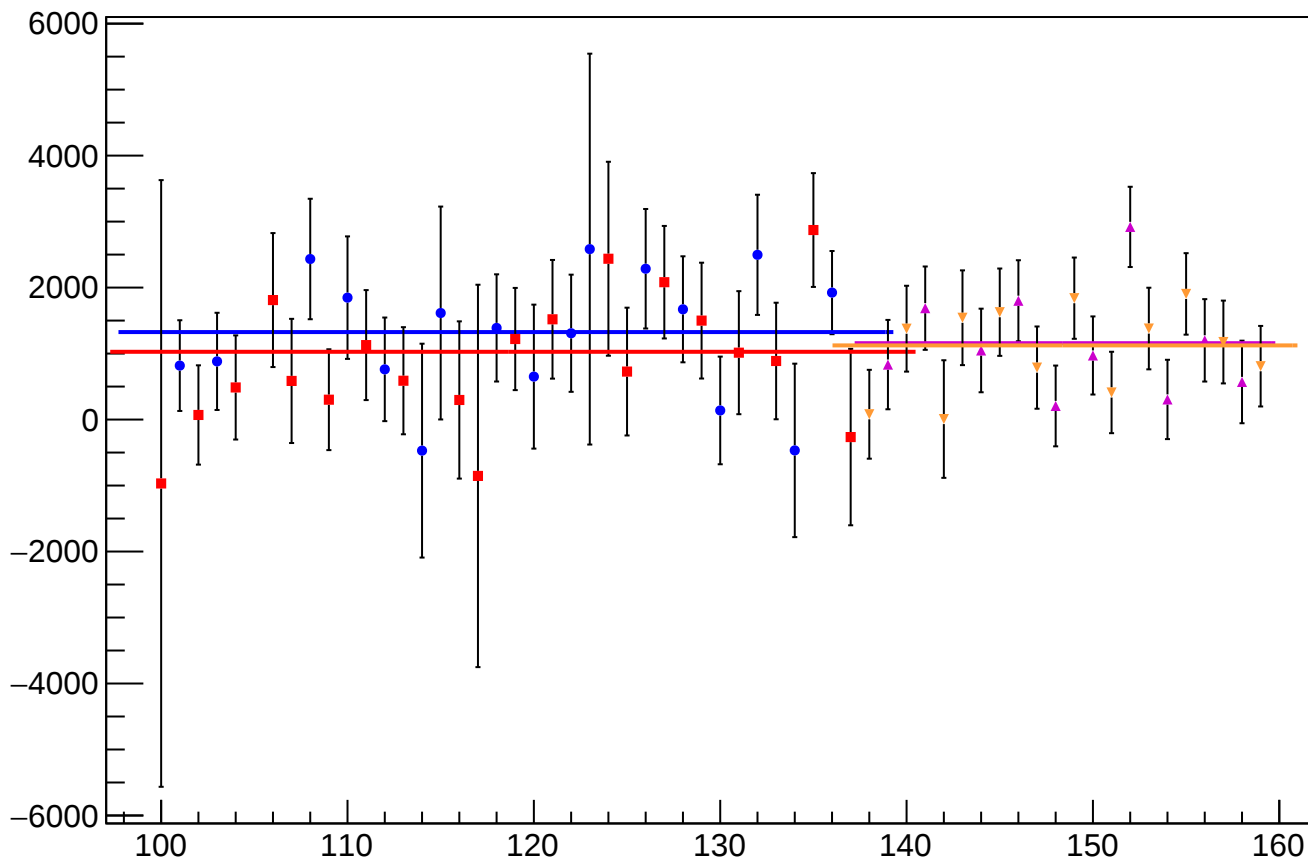
Left In: 936.566 $\pm$ 0.233 χ^2 /NDF: 190151.1/9

839.204 $\pm$ 0.156 χ^2 /NDF: 897971.5/26

823.700 $\pm$ 0.108 χ^2 /NDF: 2591114.2/55

809.196 $\pm$ 0.151 χ^2 /NDF: 1674024.8/28

reg_asym_right_avg_mean vs Slug, Sign Corrected



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

Left Out: 1123.775 $\pm$ 187.803 χ^2 /NDF: 10.1/11

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

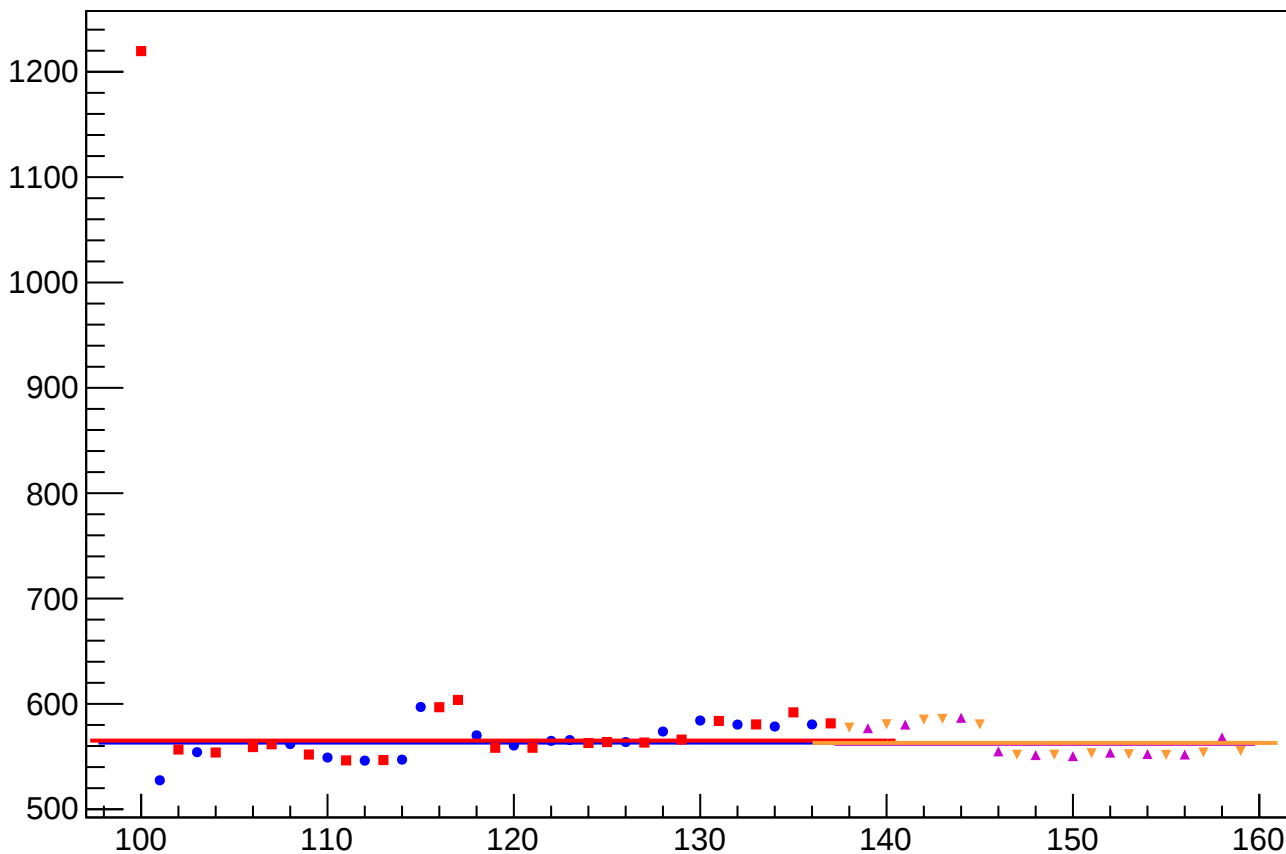
Left In: 1157.288 $\pm$ 196.301 χ^2 /NDF: 15.9/9

1209.779 $\pm$ 142.314 χ^2 /NDF: 23.4/28

1153.870 $\pm$ 101.128 χ^2 /NDF: 53.7/58

1096.844 $\pm$ 143.728 χ^2 /NDF: 29.9/29

reg_asym_right_avg_rms vs Slug, Sign Corrected



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

Left Out: 562.964+/-0.133 χ^2/NDF : 10912.3/11

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

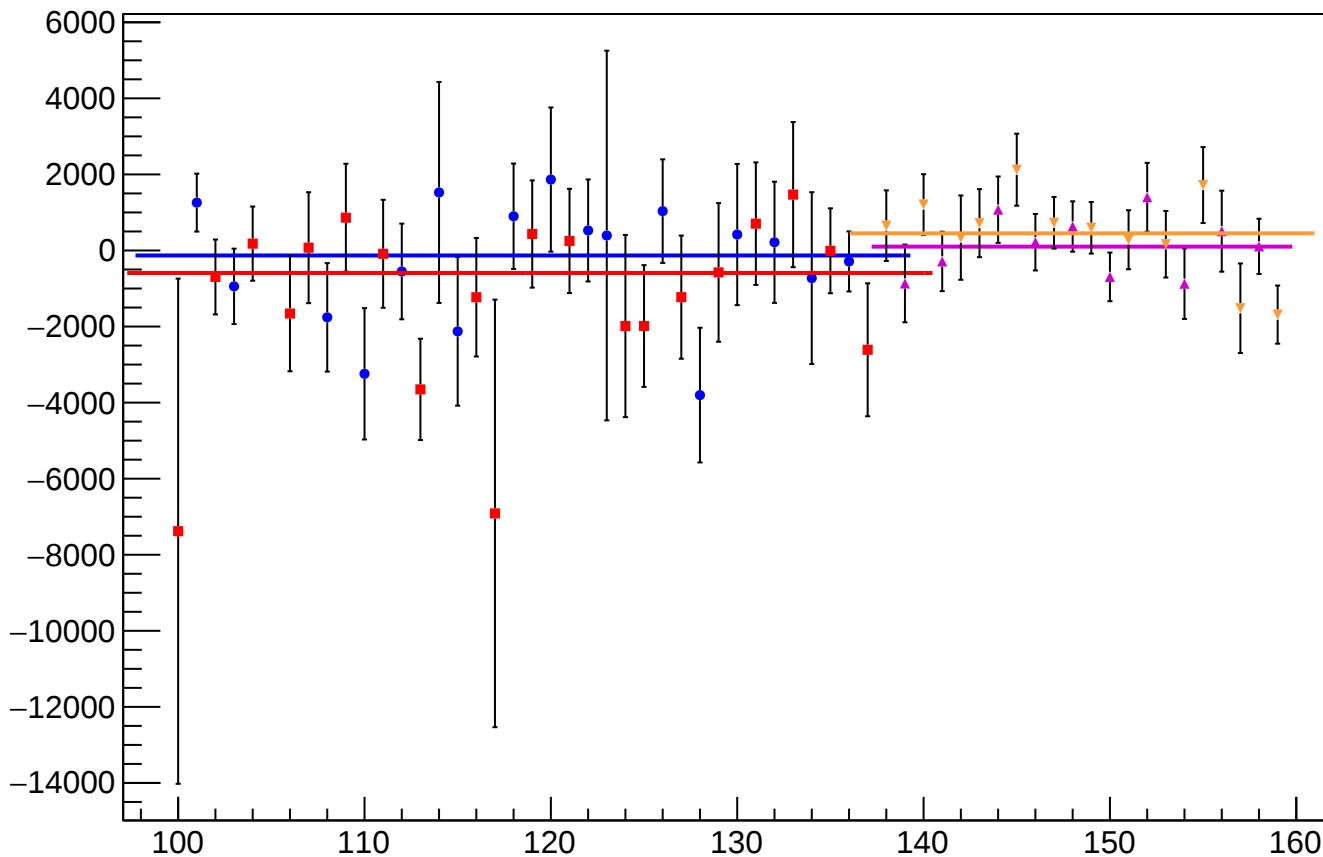
Left In: 562.082+/-0.139 χ^2/NDF : 8962.2/9

563.092+/-0.101 χ^2/NDF : 23434.8/28

563.297+/-0.072 χ^2/NDF : 82285.1/58

563.506+/-0.102 χ^2/NDF : 58841.9/29

asym_right_avg_correction_mean vs Slug, Sign Corrected



Right In: -131.097 $\pm$ 327.588 χ^2 /NDF: 17.2/16

Left Out: 450.582 $\pm$ 245.029 χ^2 /NDF: 16.8/11

Right Out: -591.948 $\pm$ 331.825 χ^2 /NDF: 15.9/19

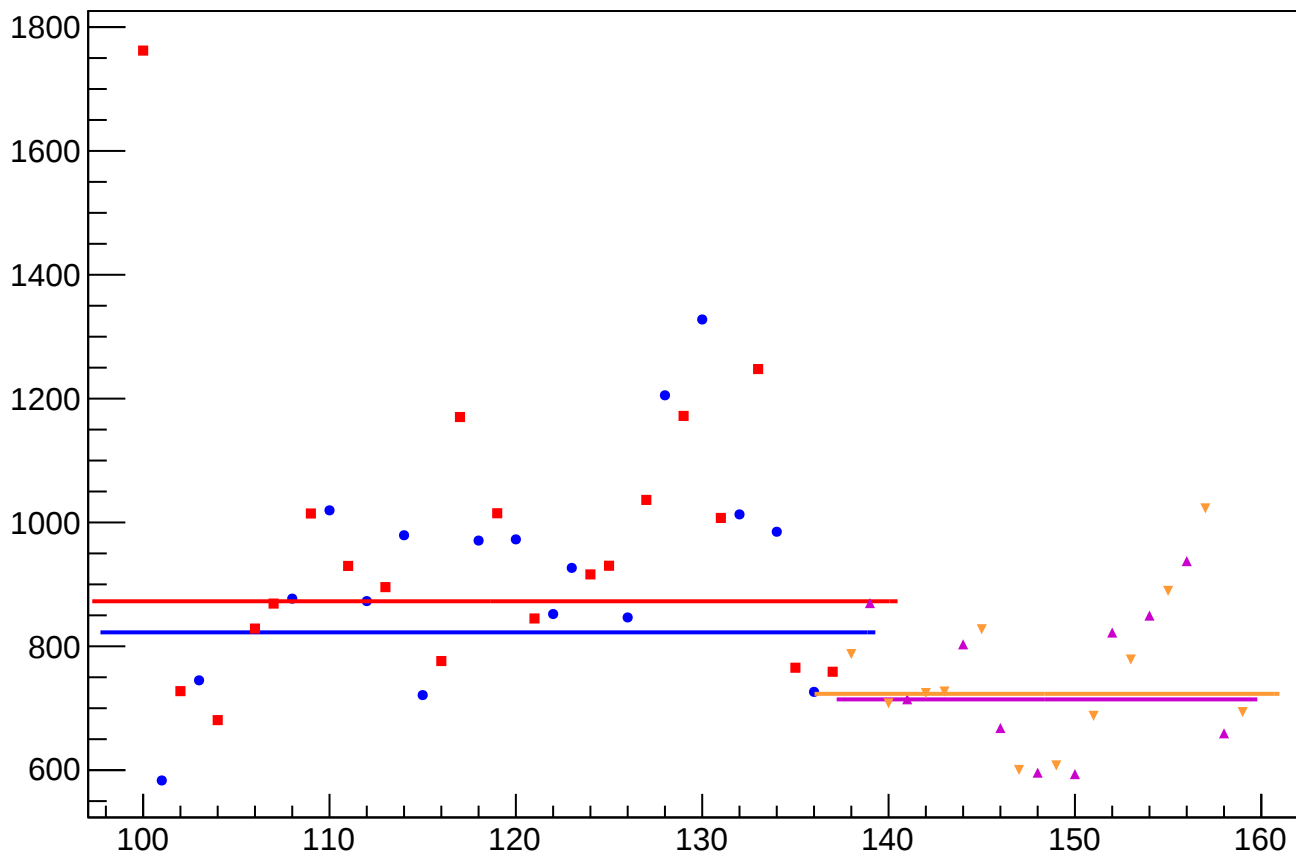
Left In: 101.420 $\pm$ 253.068 χ^2 /NDF: 7.9/9

241.900 $\pm$ 196.213 χ^2 /NDF: 36.0/28

49.154 $\pm$ 140.482 χ^2 /NDF: 64.5/58

-153.564 $\pm$ 201.226 χ^2 /NDF: 26.5/29

asym_right_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 723.249+/-0.173 χ^2/NDF : 358277.5/11

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

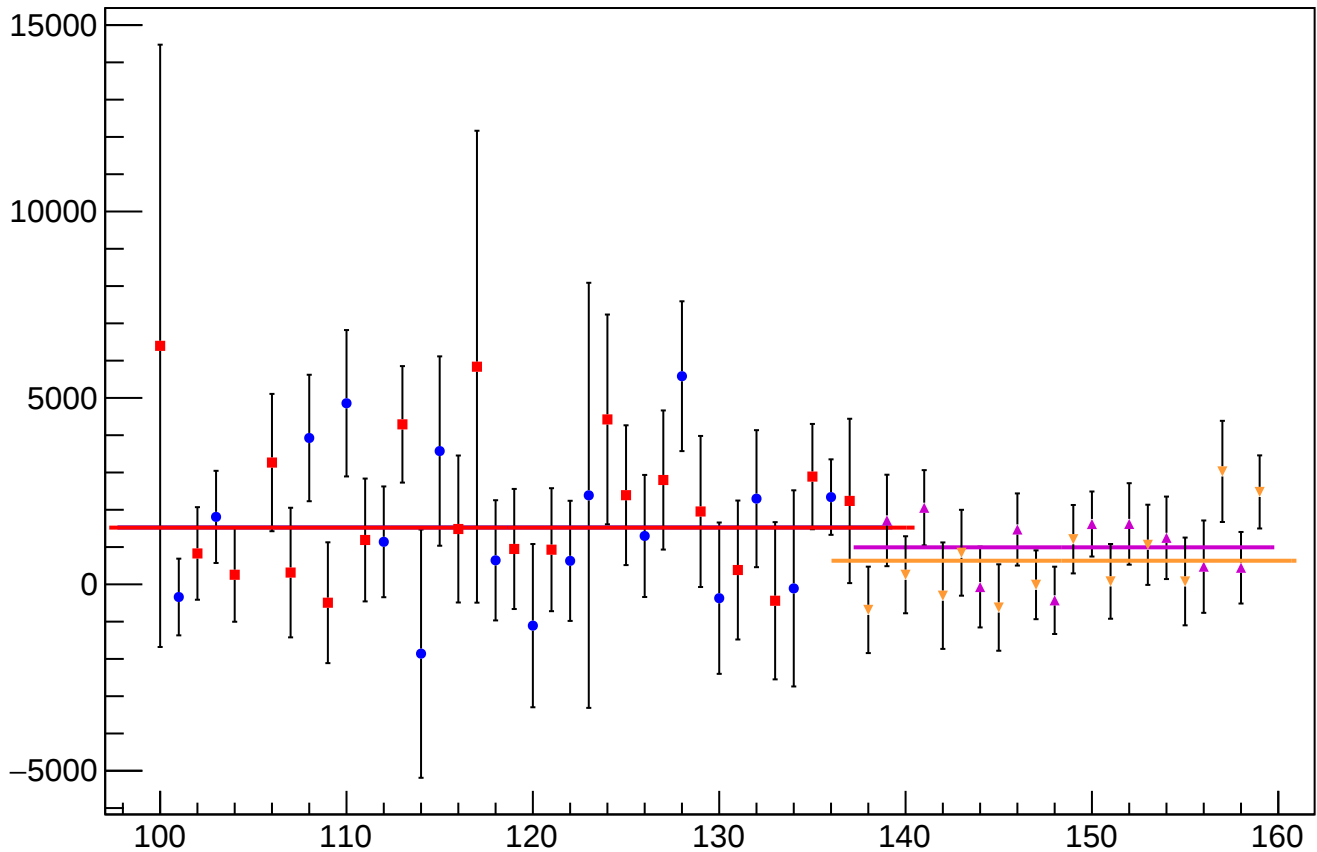
Left In: 714.267+/-0.179 χ^2/NDF : 380442.3/9

758.866+/-0.139 χ^2/NDF : 1077020.8/28

765.529+/-0.099 χ^2/NDF : 2163013.3/58

772.538+/-0.142 χ^2/NDF : 1081259.9/29

asym_right_avg_mean vs Slug, Sign Corrected



Right In: 1525.470 $\pm$ 401.784 χ^2 /NDF: 18.2/16

Left Out: 633.433 $\pm$ 313.130 χ^2 /NDF: 11.3/11

Right Out: 1521.641 $\pm$ 399.157 χ^2 /NDF: 12.6/19

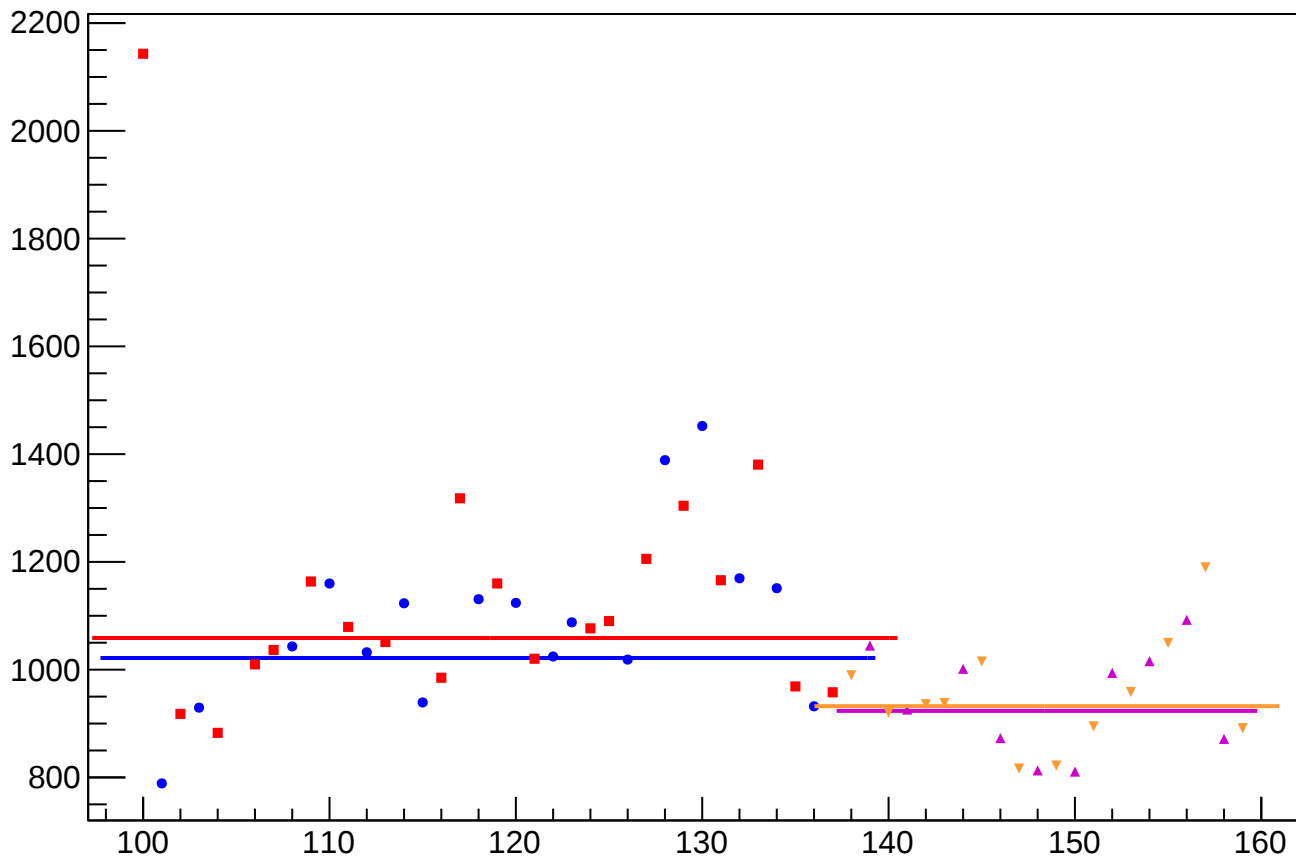
Left In: 993.230 $\pm$ 324.453 χ^2 /NDF: 6.5/9

970.509 $\pm$ 246.981 χ^2 /NDF: 32.6/28

1084.748 $\pm$ 176.311 χ^2 /NDF: 53.2/58

1203.459 $\pm$ 251.770 χ^2 /NDF: 20.2/29

asym_right_avg_rms vs Slug, Sign Corrected



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

Left Out: 932.246 $\pm$ 0.221 χ^2/NDF : 175360.4/11

Right Out: 1058.783 $\pm$ 0.282 χ^2/NDF : 234314.8/19

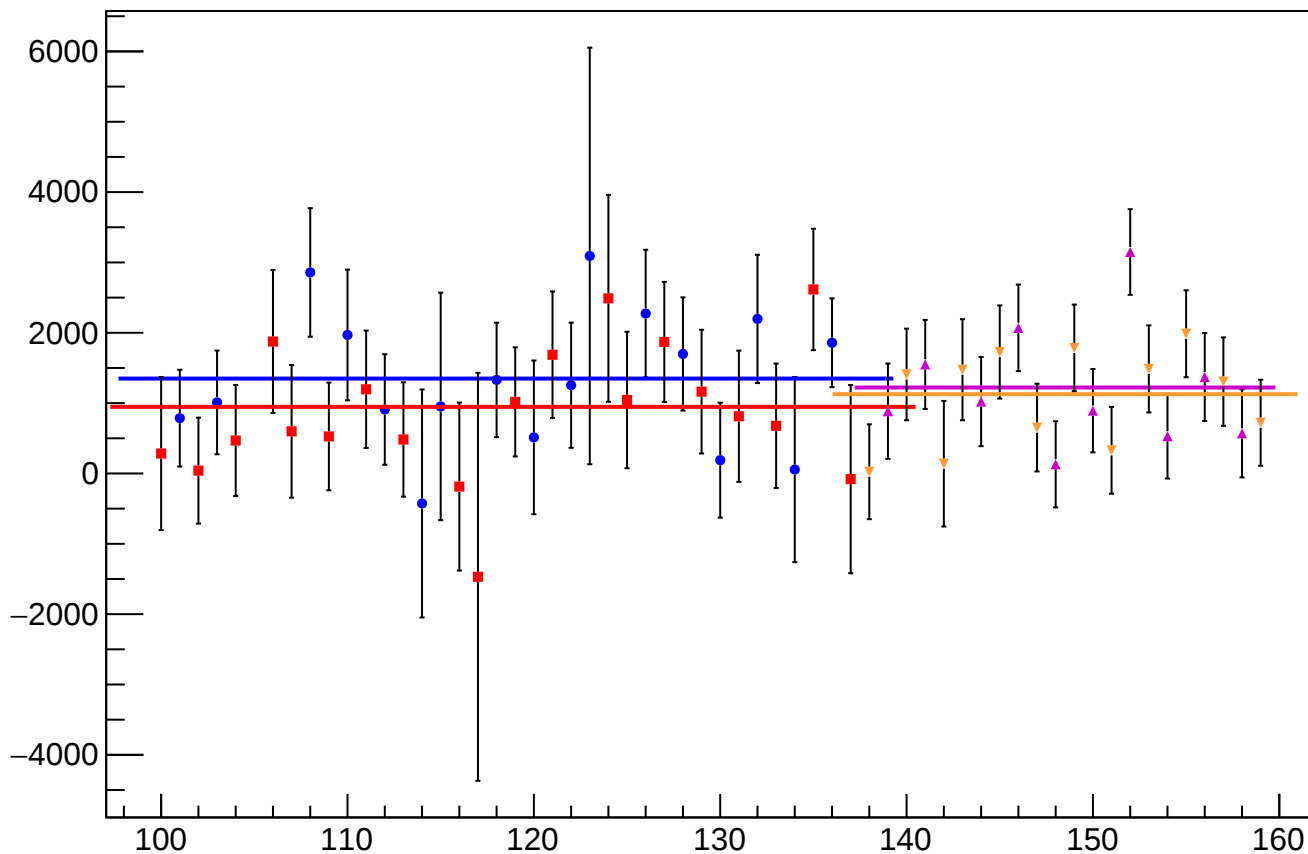
Left In: 923.494 $\pm$ 0.229 χ^2/NDF : 164011.5/9

966.035 $\pm$ 0.175 χ^2/NDF : 568937.8/28

971.568 $\pm$ 0.125 χ^2/NDF : 1107660.2/58

977.319 $\pm$ 0.178 χ^2/NDF : 536675.3/29

reg_asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1349.156 +/- 218.361 χ^2/NDF : 12.3/16

Left Out: 1127.213 +/- 187.992 χ^2/NDF : 11.3/11

Right Out: 947.051 +/- 207.609 χ^2/NDF : 12.9/19

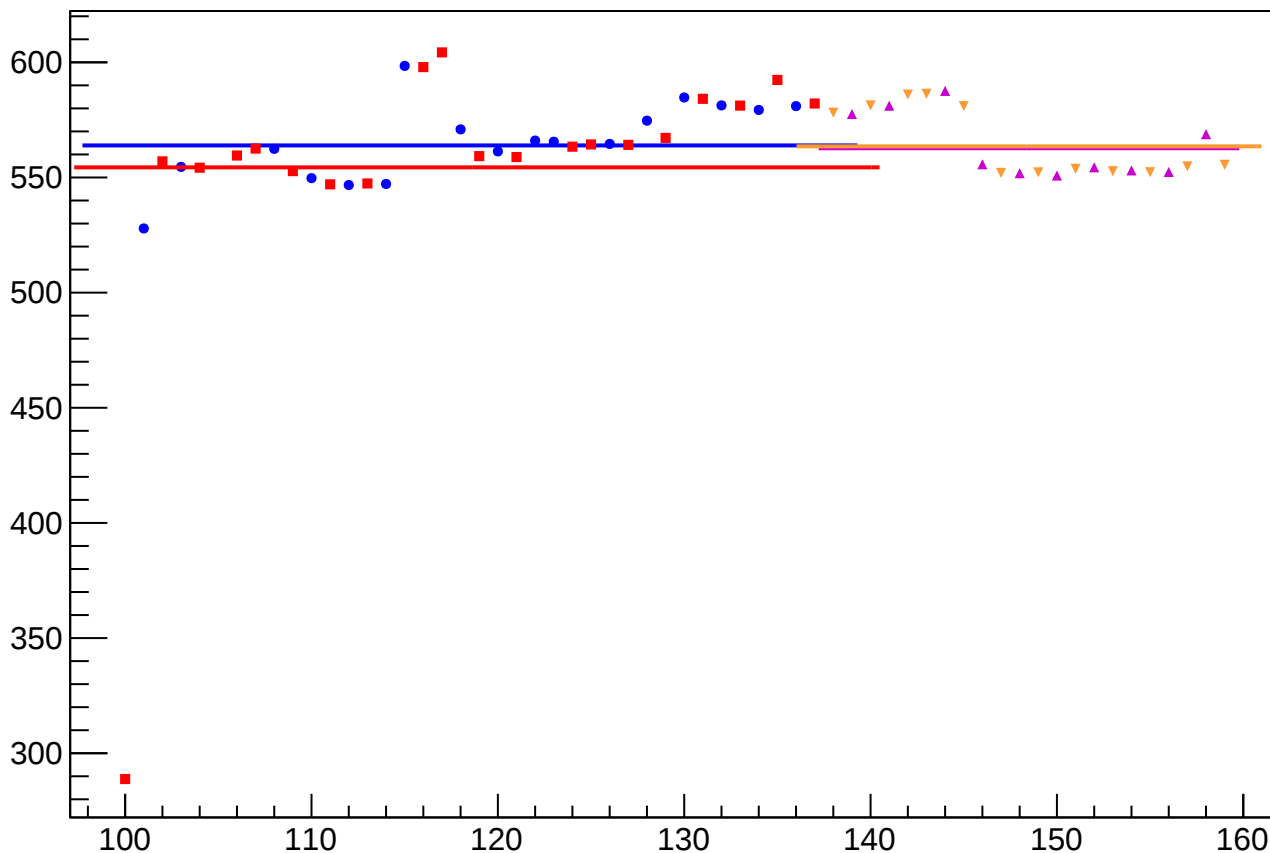
Left In: 1221.802 +/- 196.515 χ^2/NDF : 18.5/9

1221.689 +/- 142.468 χ^2/NDF : 24.2/28

1156.940 +/- 100.828 χ^2/NDF : 57.0/58

1091.963 +/- 142.718 χ^2/NDF : 32.3/29

reg_asym_right_dd_rms vs Slug, Sign Corrected



Right In: 563.922 ± 0.154 χ^2/NDF : 12663.1/16

Left Out: 563.529 ± 0.133 χ^2/NDF : 10955.1/11

Right Out: 554.402 ± 0.147 χ^2/NDF : 132560.6/19

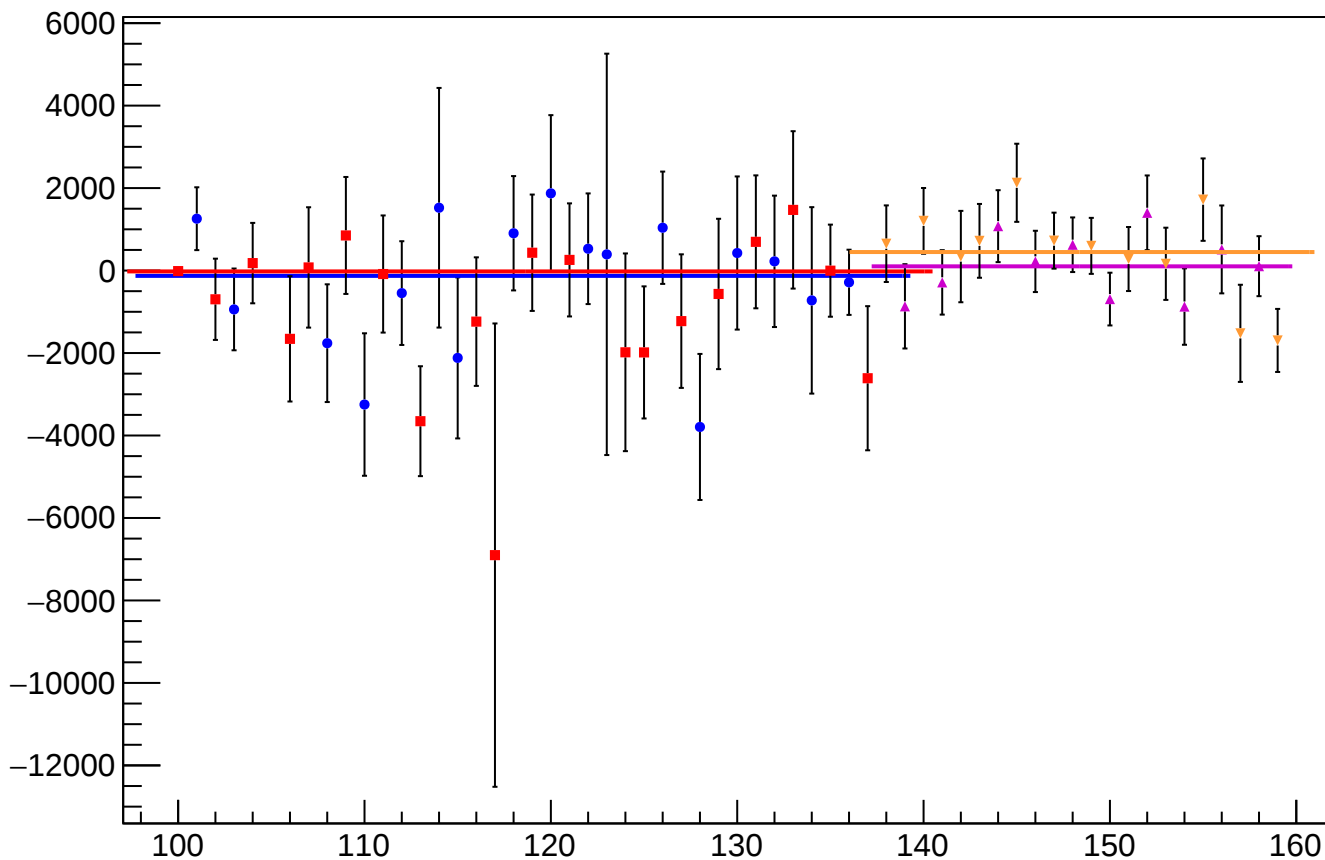
Left In: 562.691 ± 0.139 χ^2/NDF : 9043.7/9

563.696 ± 0.101 χ^2/NDF : 23621.9/28

561.239 ± 0.071 χ^2/NDF : 168099.6/58

558.774 ± 0.101 χ^2/NDF : 143285.9/29

asym_right_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 449.133+/-245.119 χ^2/NDF : 16.8/11

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

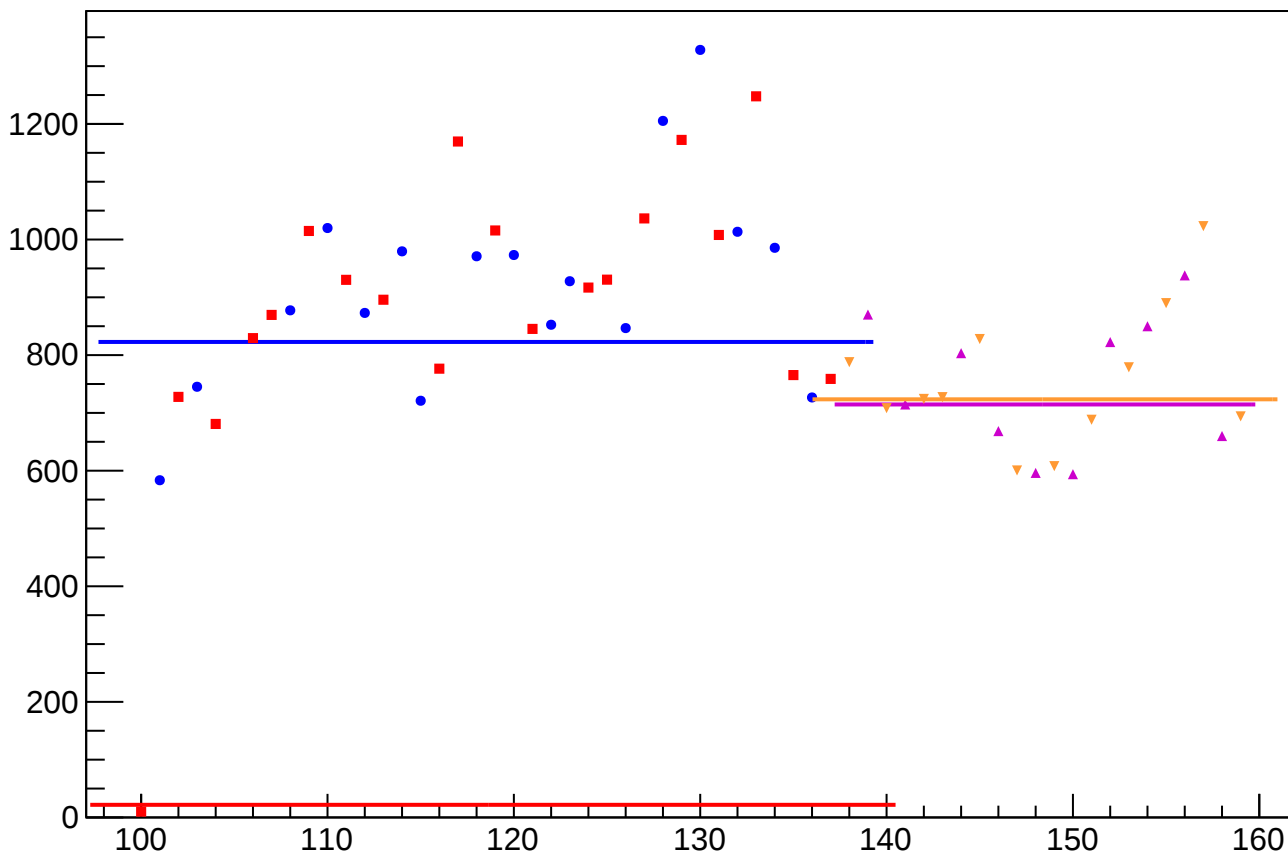
Left In: 102.257+/-253.185 χ^2/NDF : 7.9/9

241.805+/-196.281 χ^2/NDF : 36.0/28

-8.251+/-37.780 χ^2/NDF : 63.5/58

-17.871+/-38.500 χ^2/NDF : 25.7/29

asym_right_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 723.509 $\pm$ 0.173 χ^2/NDF :358383.7/11

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

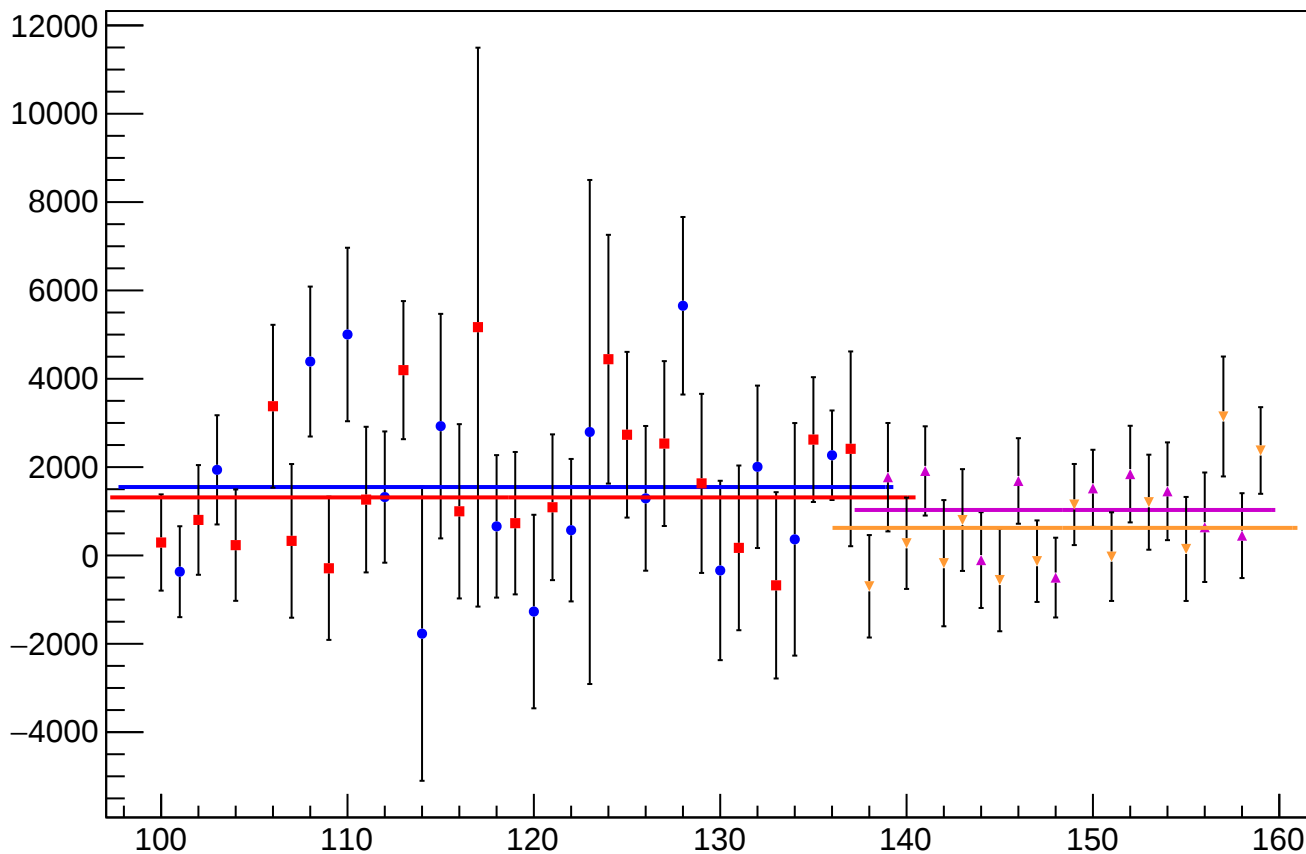
Left In: 714.606 $\pm$ 0.179 χ^2/NDF :380074.3/9

759.126 $\pm$ 0.139 χ^2/NDF : 1076952.7/28

64.607 $\pm$ 0.027 χ^2/NDF : 55694127.1/58

37.886 $\pm$ 0.027 χ^2/NDF : 28613368.7/29

asym_right_dd_mean vs Slug, Sign Corrected



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

Left Out: 624.190 $\pm$ 313.311 χ^2 /NDF: 11.3/11

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

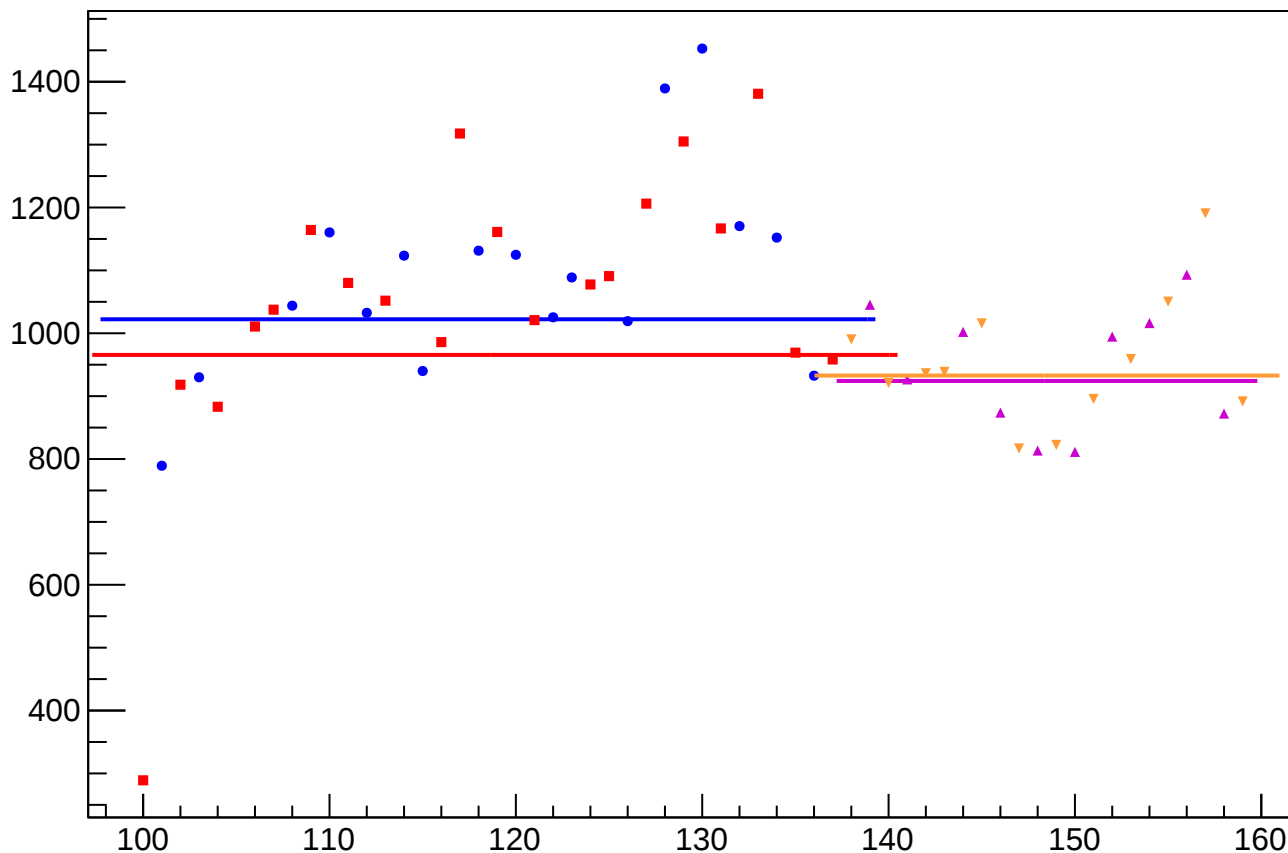
Left In: 1029.961 $\pm$ 324.673 χ^2 /NDF: 7.0/9

973.610 $\pm$ 247.123 χ^2 /NDF: 33.6/28

1063.246 $\pm$ 174.189 χ^2 /NDF: 54.1/58

1151.754 $\pm$ 245.565 χ^2 /NDF: 20.3/29

asym_right_dd_rms vs Slug, Sign Corrected



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

Left Out: 932.777 +/- 0.222 χ^2/NDF : 175498.1/11

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

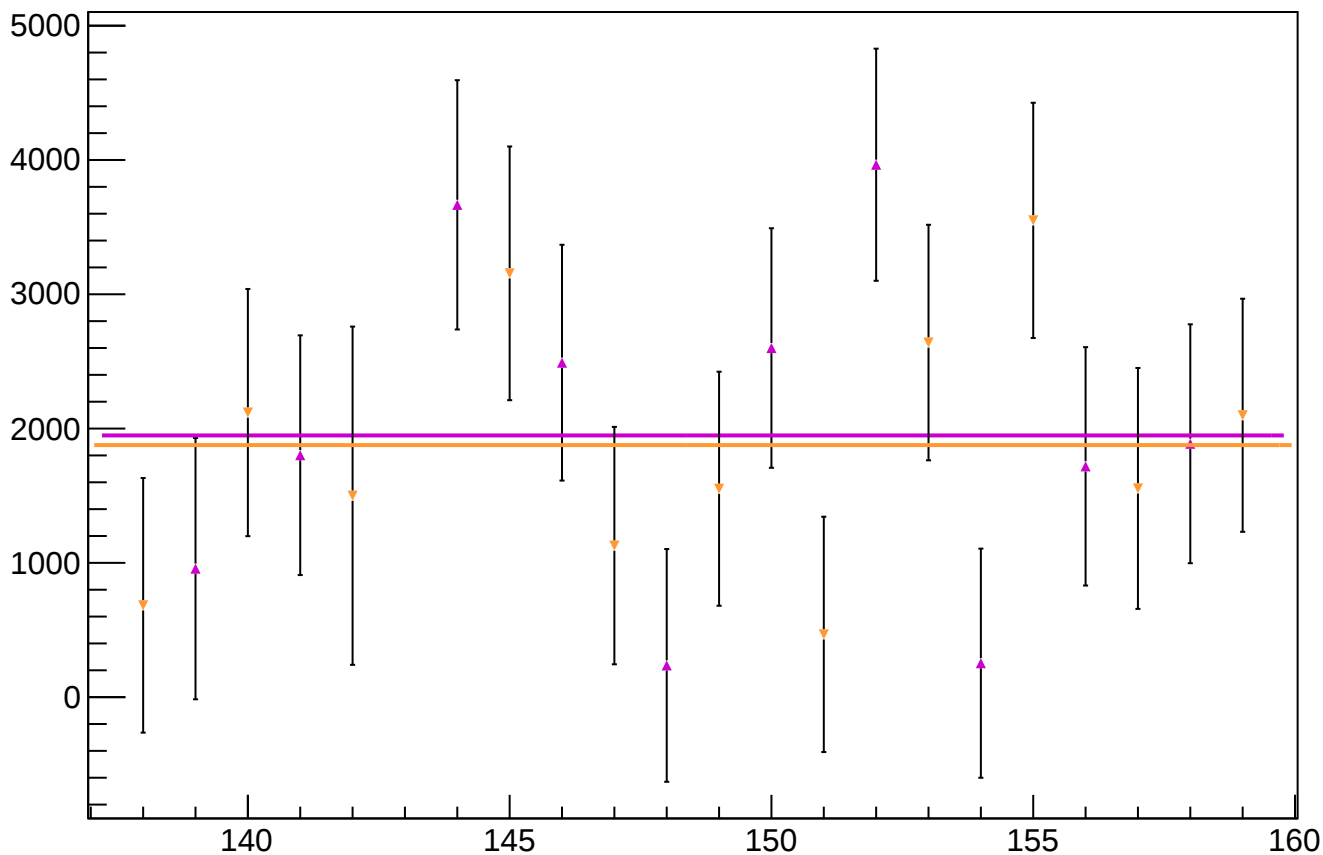
Left In: 924.126 +/- 0.230 χ^2/NDF : 163879.7/9

966.584 +/- 0.175 χ^2/NDF : 568985.9/28

954.145 +/- 0.123 χ^2/NDF : 1830381.4/58

941.863 +/- 0.174 χ^2/NDF : 1251325.4/29

cor_asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1876.920+/-276.100 χ^2/NDF : 11.6/10

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

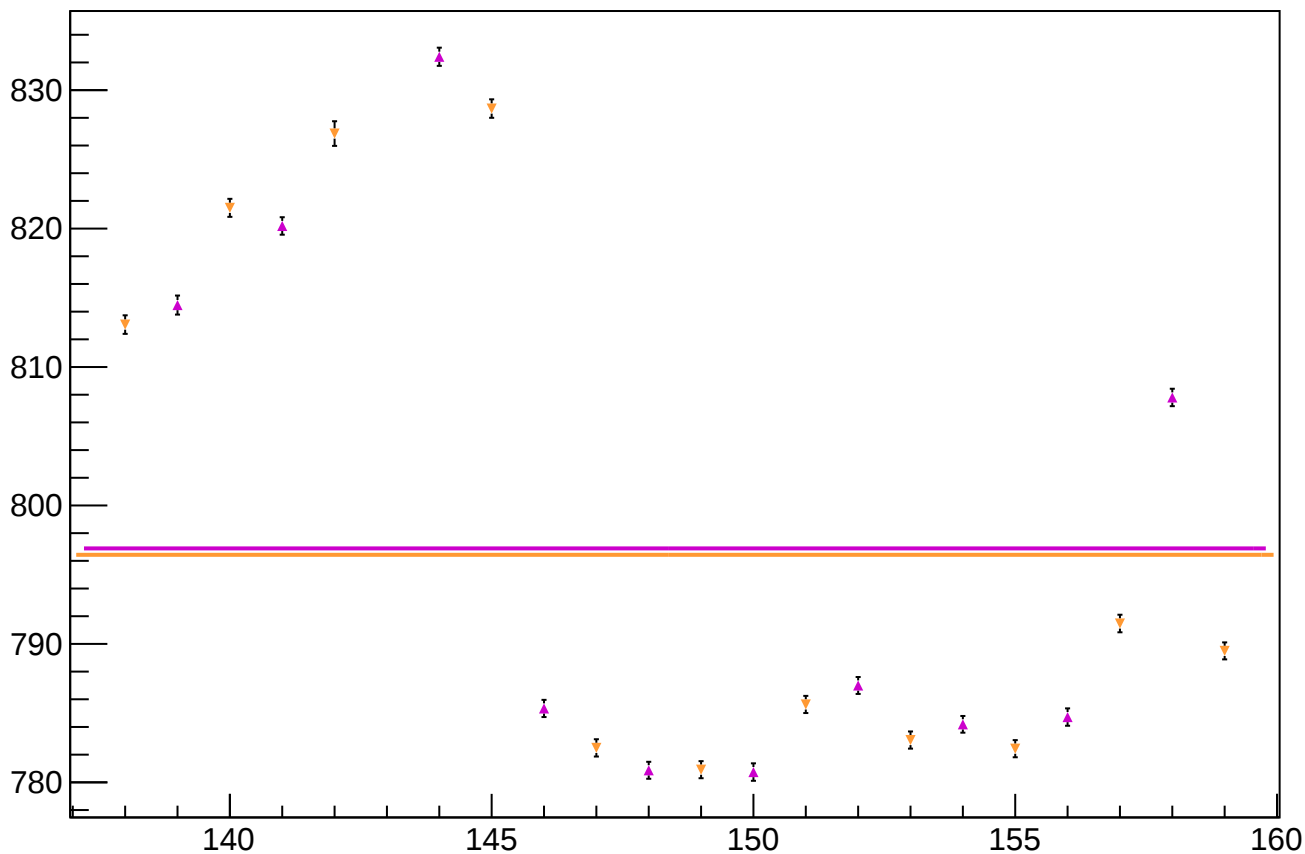
Left In: 1948.860+/-281.669 χ^2/NDF : 18.8/9

1876.920+/-276.100 χ^2/NDF : 11.6/10

1912.172+/-197.172 χ^2/NDF : 30.4/20

1948.860+/-281.669 χ^2/NDF : 18.8/9

cor_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 796.436+/-0.195 χ^2/NDF : 8197.6/10

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

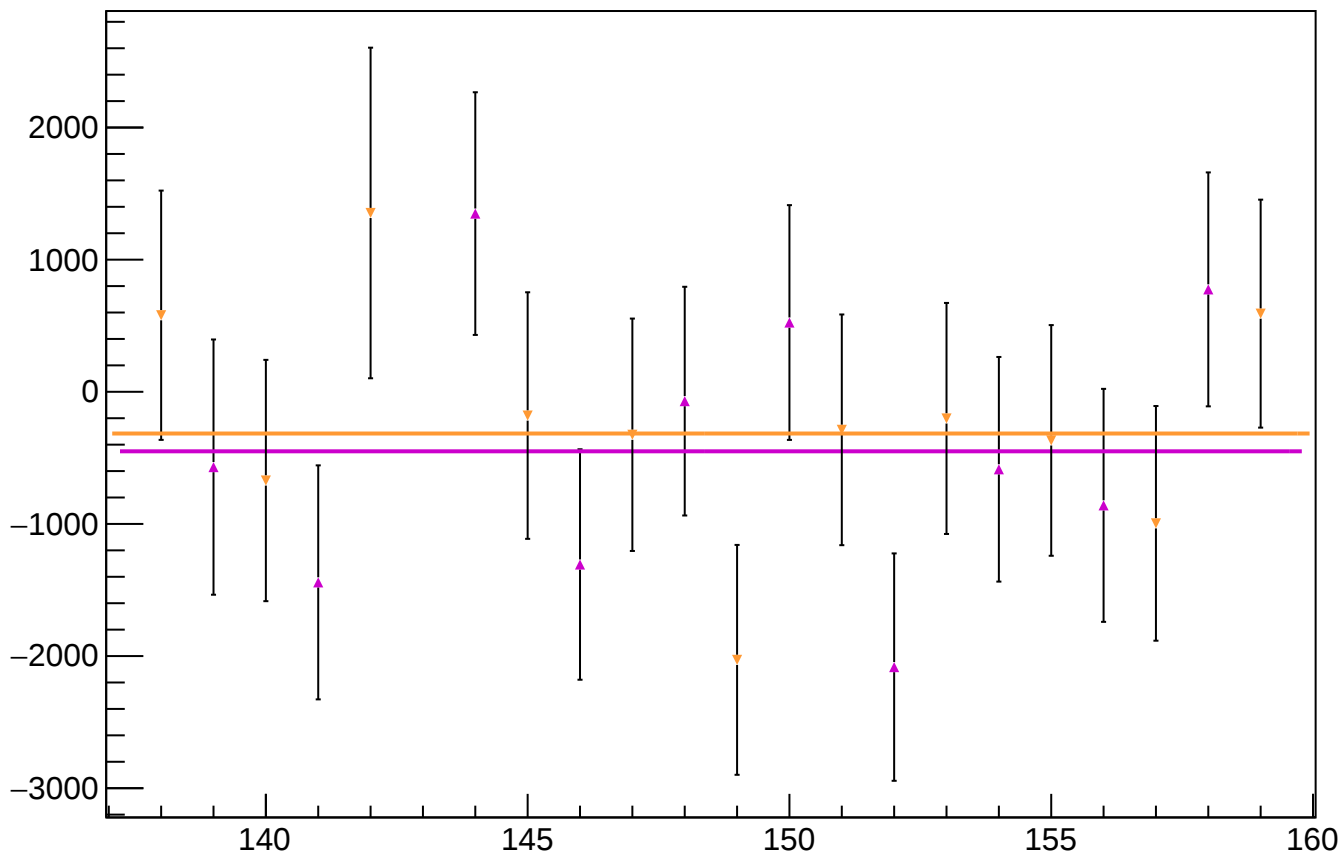
Left In: 796.898+/-0.199 χ^2/NDF : 8013.3/9

796.436+/-0.195 χ^2/NDF : 8197.6/10

796.662+/-0.139 χ^2/NDF : 16213.7/20

796.898+/-0.199 χ^2/NDF : 8013.3/9

cor_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -315.725+/-274.508 χ^2/NDF : 8.4/10

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

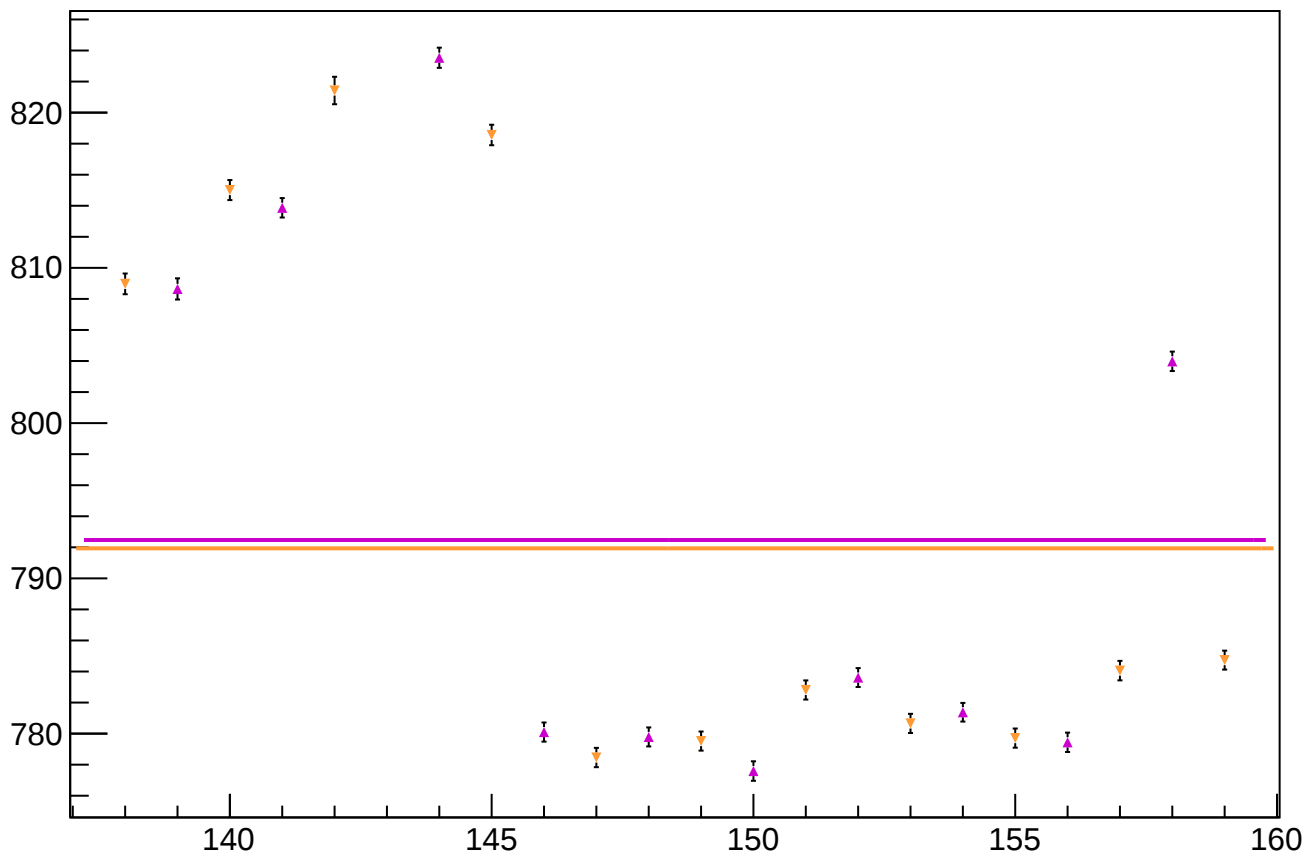
Left In: -450.398+/-280.087 χ^2/NDF : 13.2/9

-315.725+/-274.508 χ^2/NDF : 8.4/10

-381.707+/-196.049 χ^2/NDF : 21.8/20

-450.398+/-280.087 χ^2/NDF : 13.2/9

cor_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 791.934+/-0.194 χ^2/NDF : 6786.9/10

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

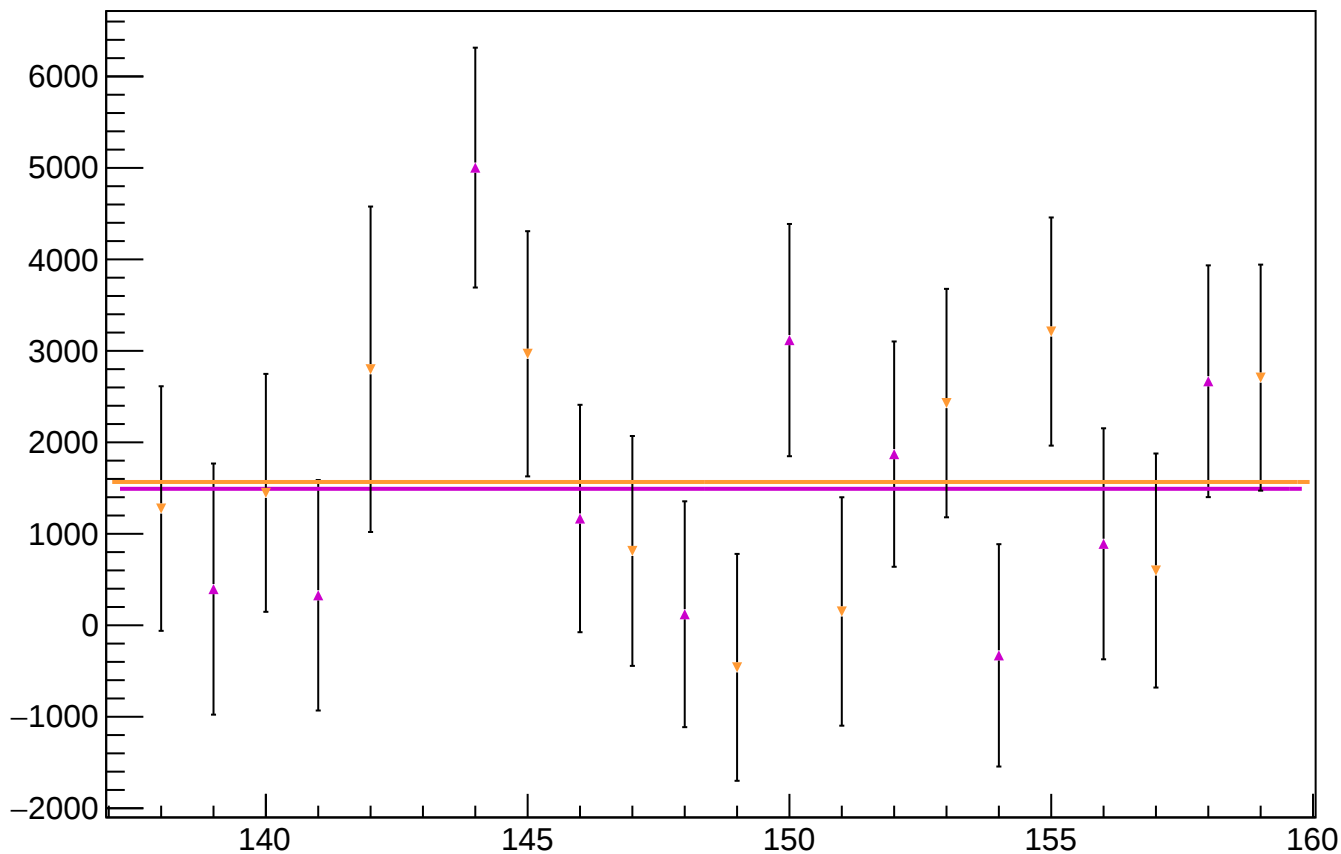
Left In: 792.472+/-0.198 χ^2/NDF : 6738.2/9

791.934+/-0.194 χ^2/NDF : 6786.9/10

792.197+/-0.139 χ^2/NDF : 13528.9/20

792.472+/-0.198 χ^2/NDF : 6738.2/9

cor_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1566.656+/-392.265 χ^2/NDF : 9.6/10

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

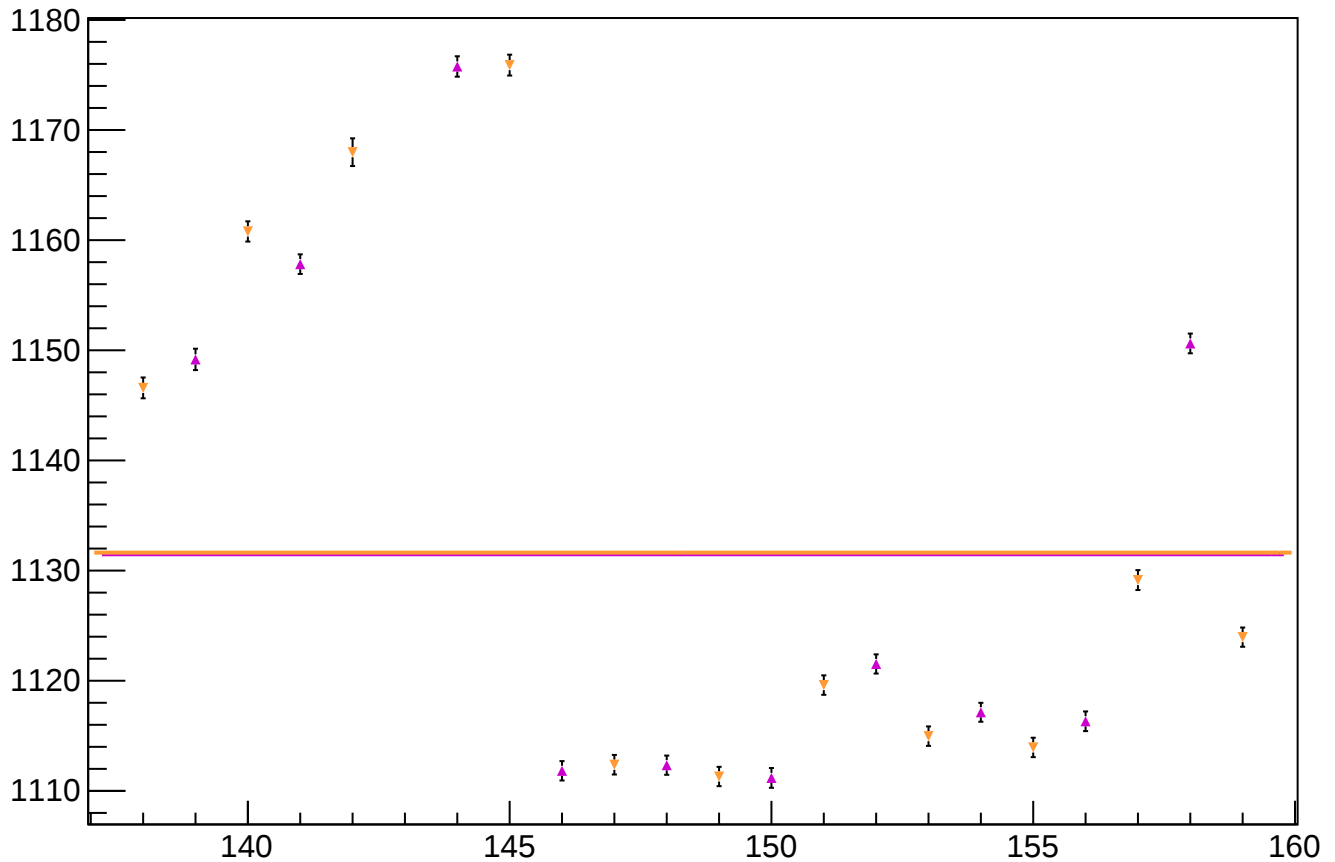
Left In: 1491.968+/-399.901 χ^2/NDF : 15.0/9

1566.656+/-392.265 χ^2/NDF : 9.6/10

1530.032+/-280.034 χ^2/NDF : 24.6/20

1491.968+/-399.901 χ^2/NDF : 15.0/9

cor_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1131.632+/-0.277 χ^2/NDF : 6307.2/10

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

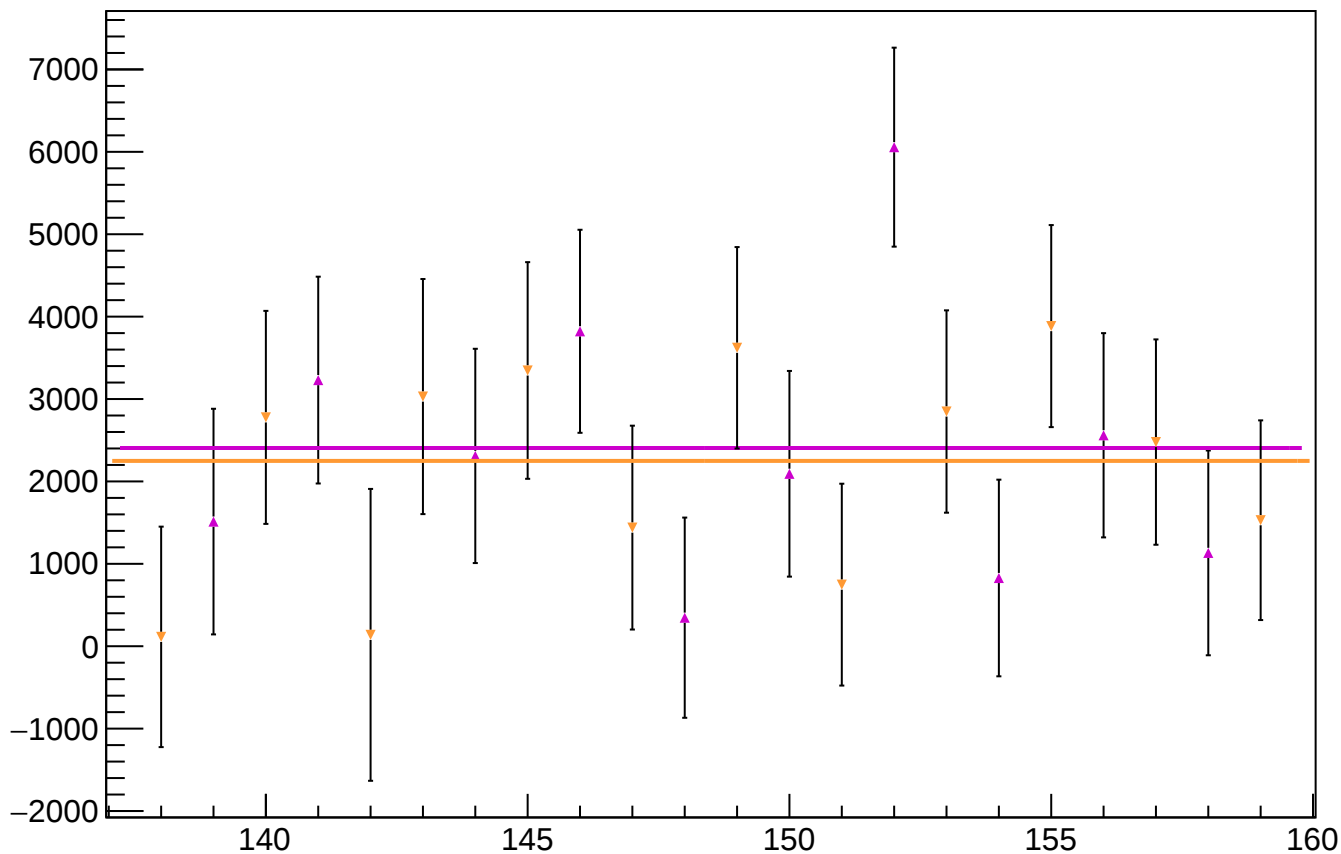
Left In: 1131.483+/-0.283 χ^2/NDF : 6135.5/9

1131.632+/-0.277 χ^2/NDF : 6307.2/10

1131.559+/-0.198 χ^2/NDF : 12442.8/20

1131.483+/-0.283 χ^2/NDF : 6135.5/9

cor_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2249.047+/-372.970 χ^2/NDF : 10.7/11

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

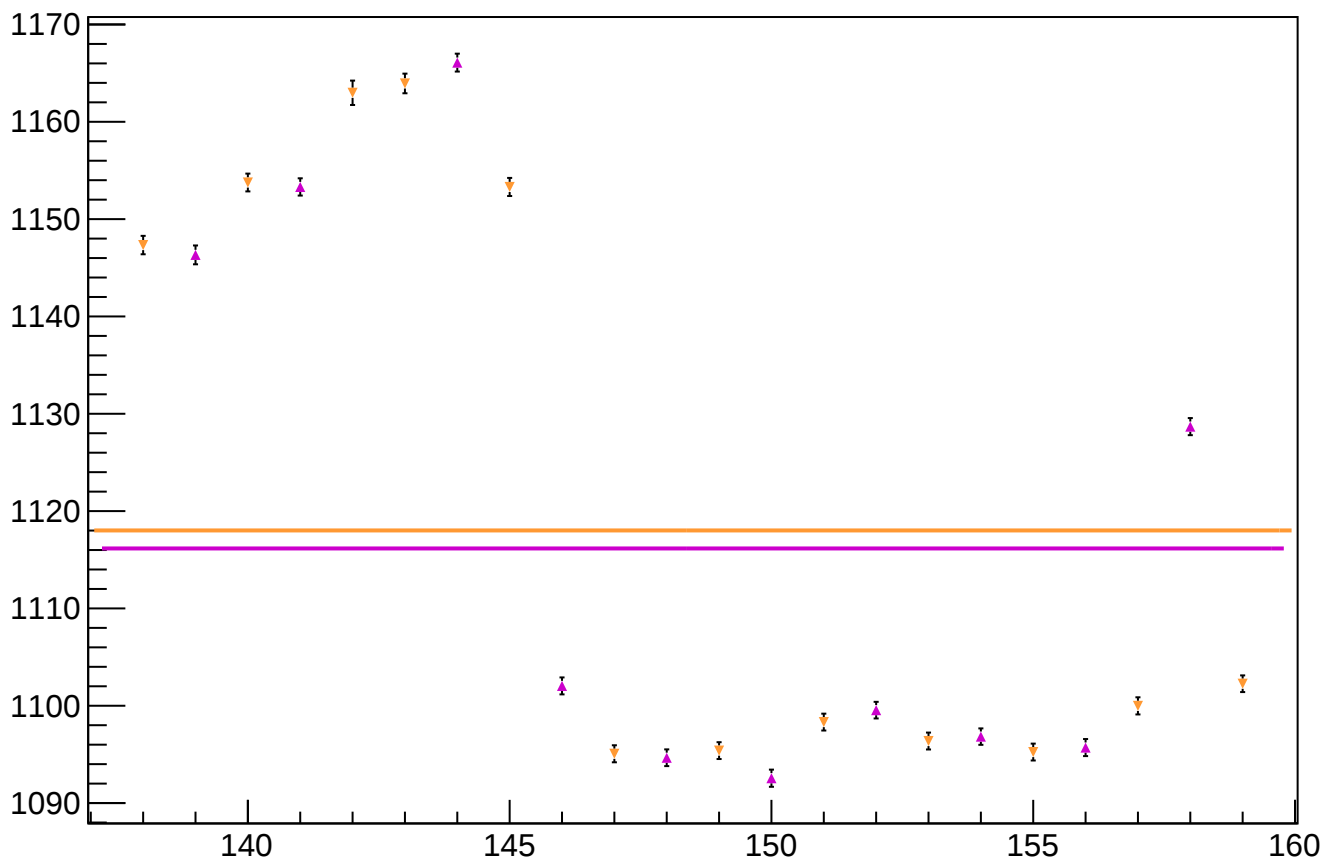
Left In: 2405.677+/-394.520 χ^2/NDF : 17.1/9

2249.047+/-372.970 χ^2/NDF : 10.7/11

2322.968+/-271.028 χ^2/NDF : 27.9/21

2405.677+/-394.520 χ^2/NDF : 17.1/9

cor_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1118.012+/-0.264 χ^2/NDF : 11251.3/11

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

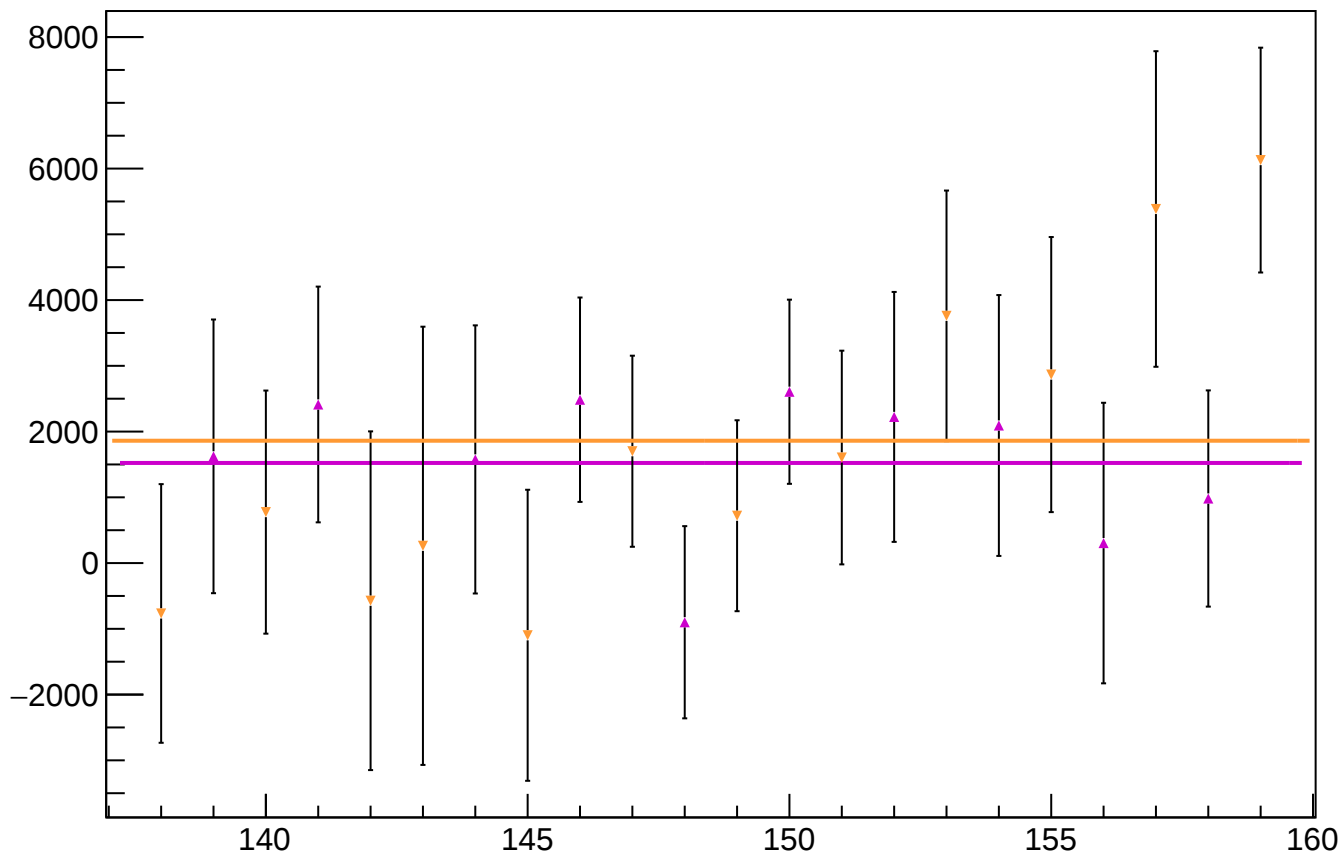
Left In: 1116.161+/-0.279 χ^2/NDF : 8927.5/9

1118.012+/-0.264 χ^2/NDF : 11251.3/11

1117.139+/-0.192 χ^2/NDF : 20202.1/21

1116.161+/-0.279 χ^2/NDF : 8927.5/9

asym_us_agg_avg_mean vs Slug, Sign Corrected



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

Left Out: 1860.883+/-546.995 χ^2/NDF : 15.3/11

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

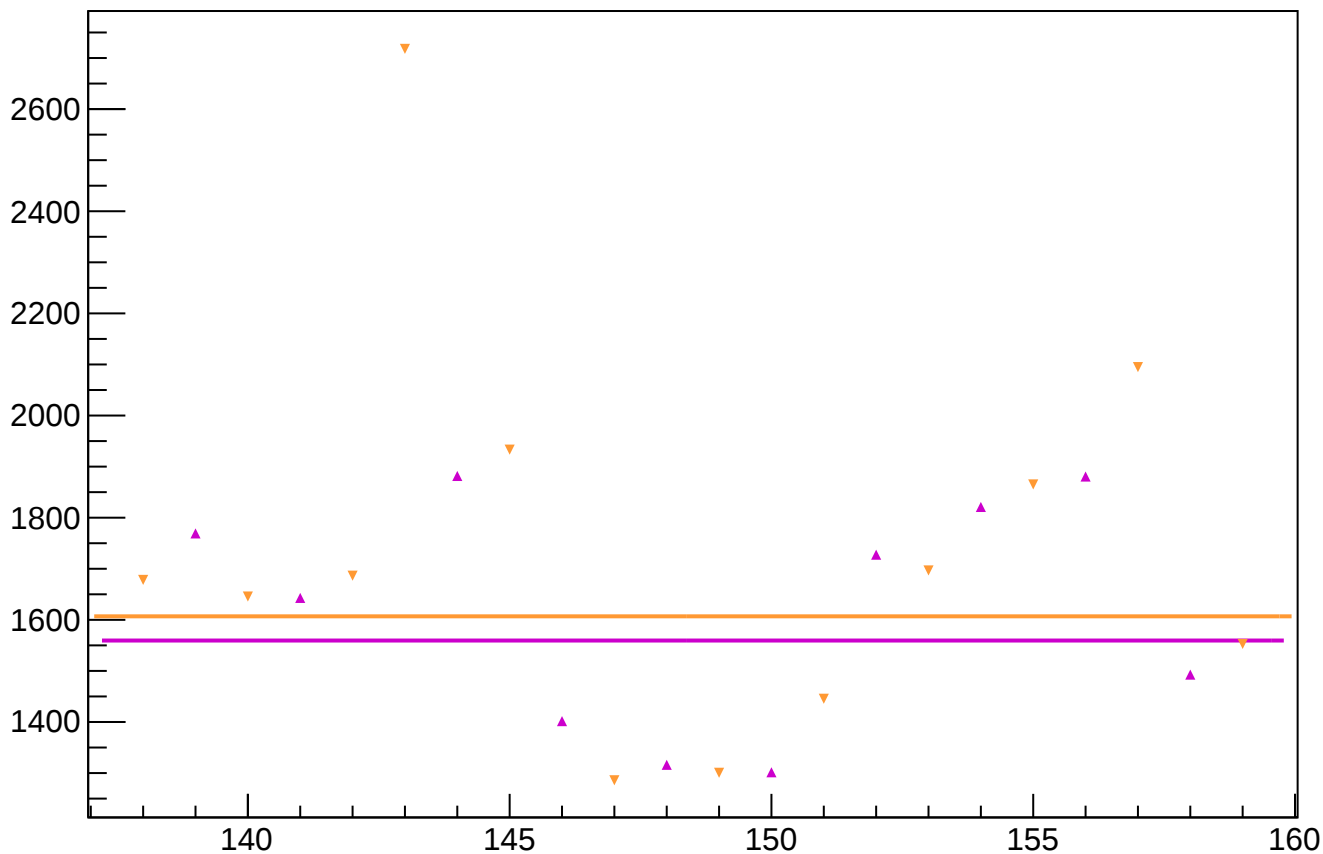
Left In: 1522.830+/-550.918 χ^2/NDF : 4.6/9

1860.883+/-546.995 χ^2/NDF : 15.3/11

1693.064+/-388.163 χ^2/NDF : 20.1/21

1522.830+/-550.918 χ^2/NDF : 4.6/9

asym_us_agg_avg_rms vs Slug, Sign Corrected



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

Left Out: 1606.875 +/- 0.387 χ^2/NDF : 597146.9/11

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

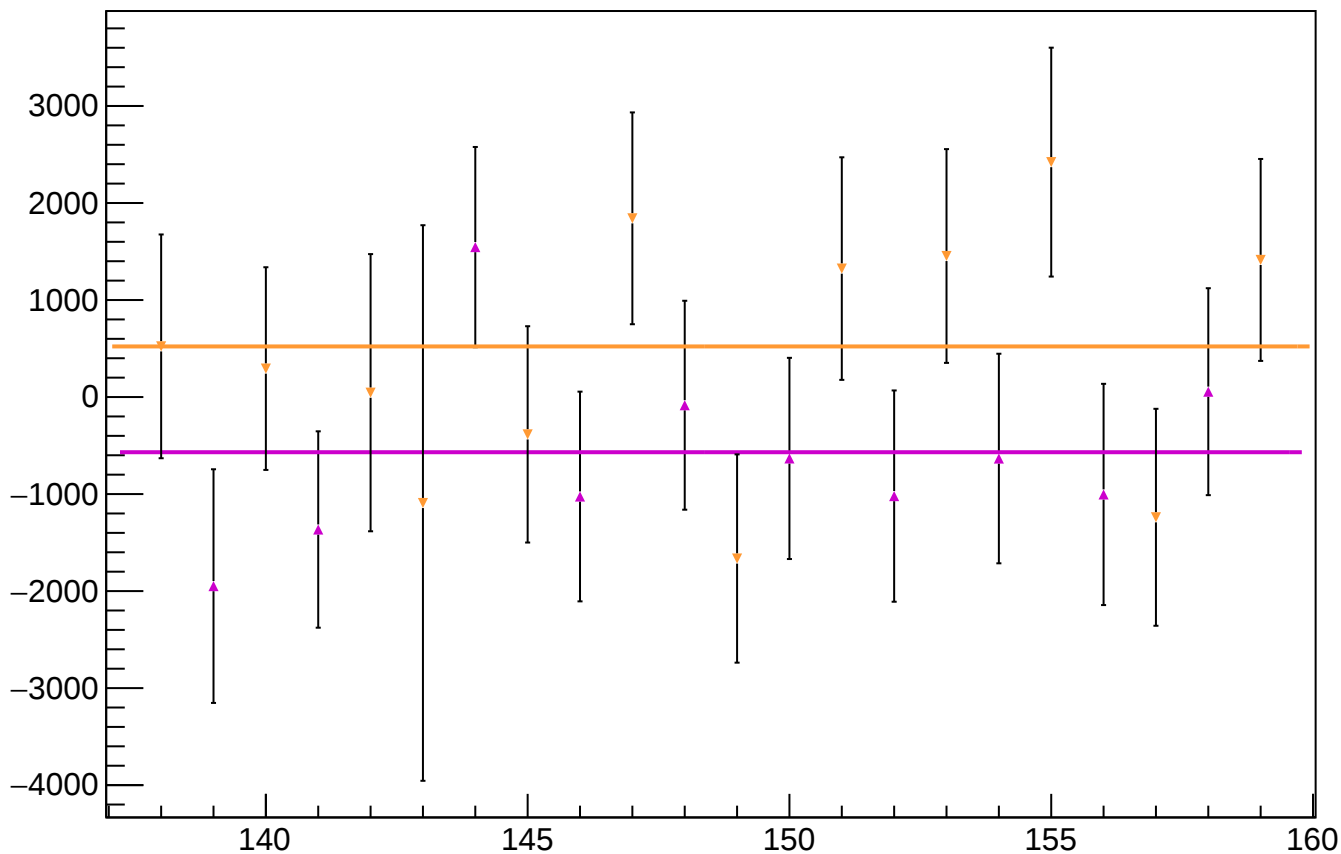
Left In: 1559.500 +/- 0.390 χ^2/NDF : 317457.5/9

1606.875 +/- 0.387 χ^2/NDF : 597146.9/11

1583.357 +/- 0.274 χ^2/NDF : 922052.0/21

1559.500 +/- 0.390 χ^2/NDF : 317457.5/9

asym_us_agg_dd_mean vs Slug, Sign Corrected



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

Left Out: 521.595+/-336.751 χ^2/NDF :13.8/11

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

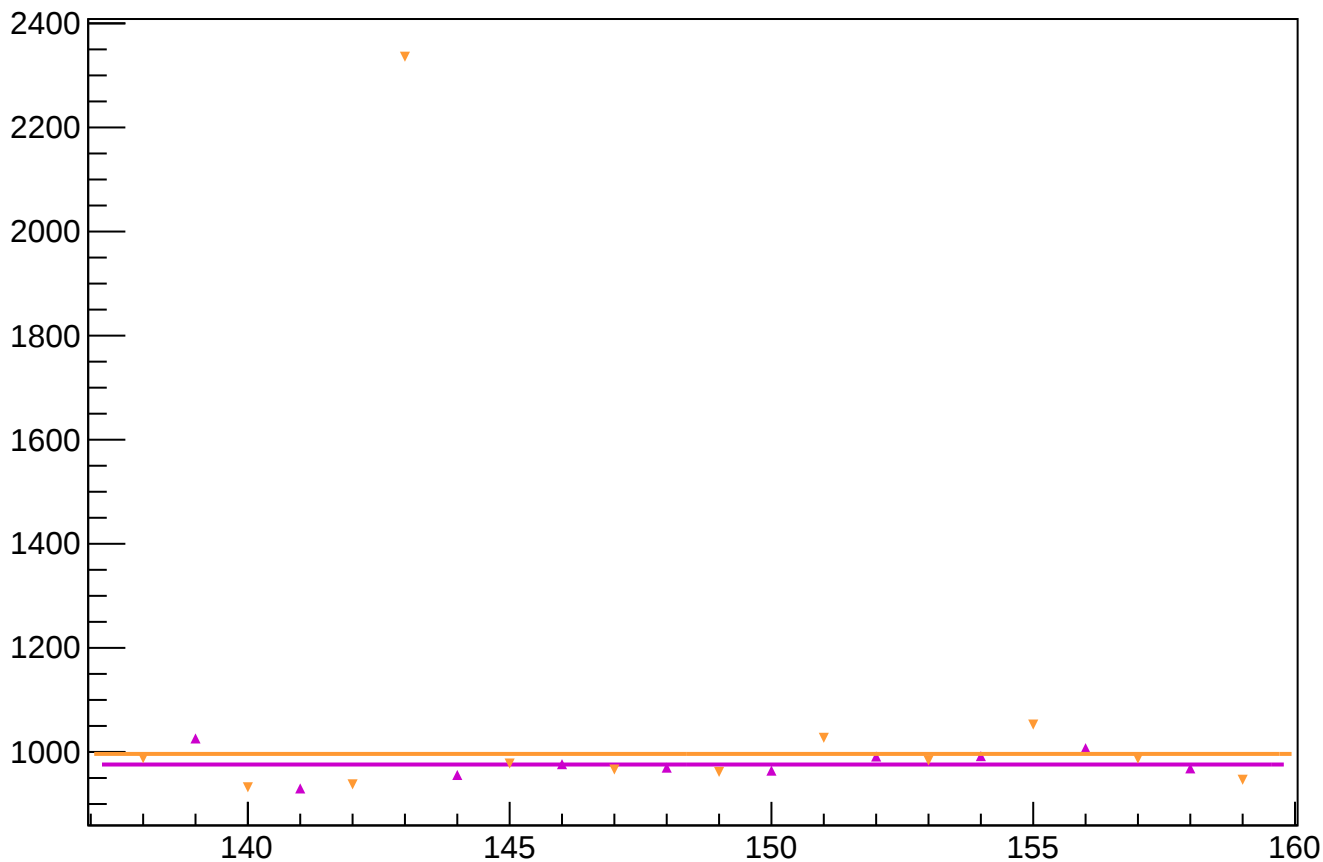
Left In: -568.609+/-340.937 χ^2/NDF :7.2/9

521.595+/-336.751 χ^2/NDF : 13.8/11

-16.773+/-239.585 χ^2/NDF : 26.1/21

-568.609+/-340.937 χ^2/NDF : 7.2/9

asym_us_agg_dd_rms vs Slug, Sign Corrected



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

Left Out: 996.262+/-0.238 χ^2/NDF : 463936.2/11

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

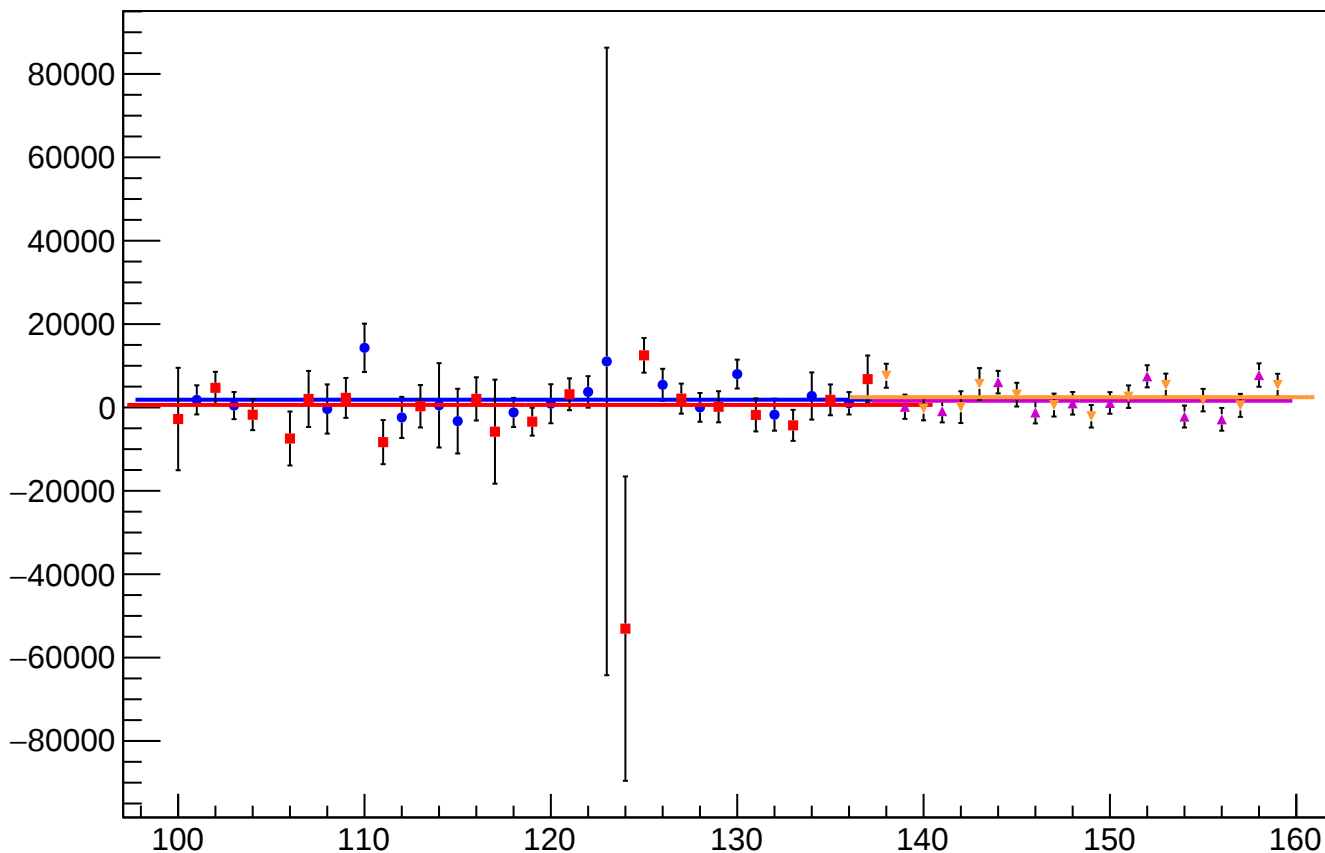
Left In: 975.889+/-0.241 χ^2/NDF : 11127.6/9

996.262+/-0.238 χ^2/NDF : 463936.2/11

986.201+/-0.169 χ^2/NDF : 478678.6/21

975.889+/-0.241 χ^2/NDF : 11127.6/9

reg_asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 2460.608 $\pm$ 828.532 χ^2 /NDF: 11.5/11

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

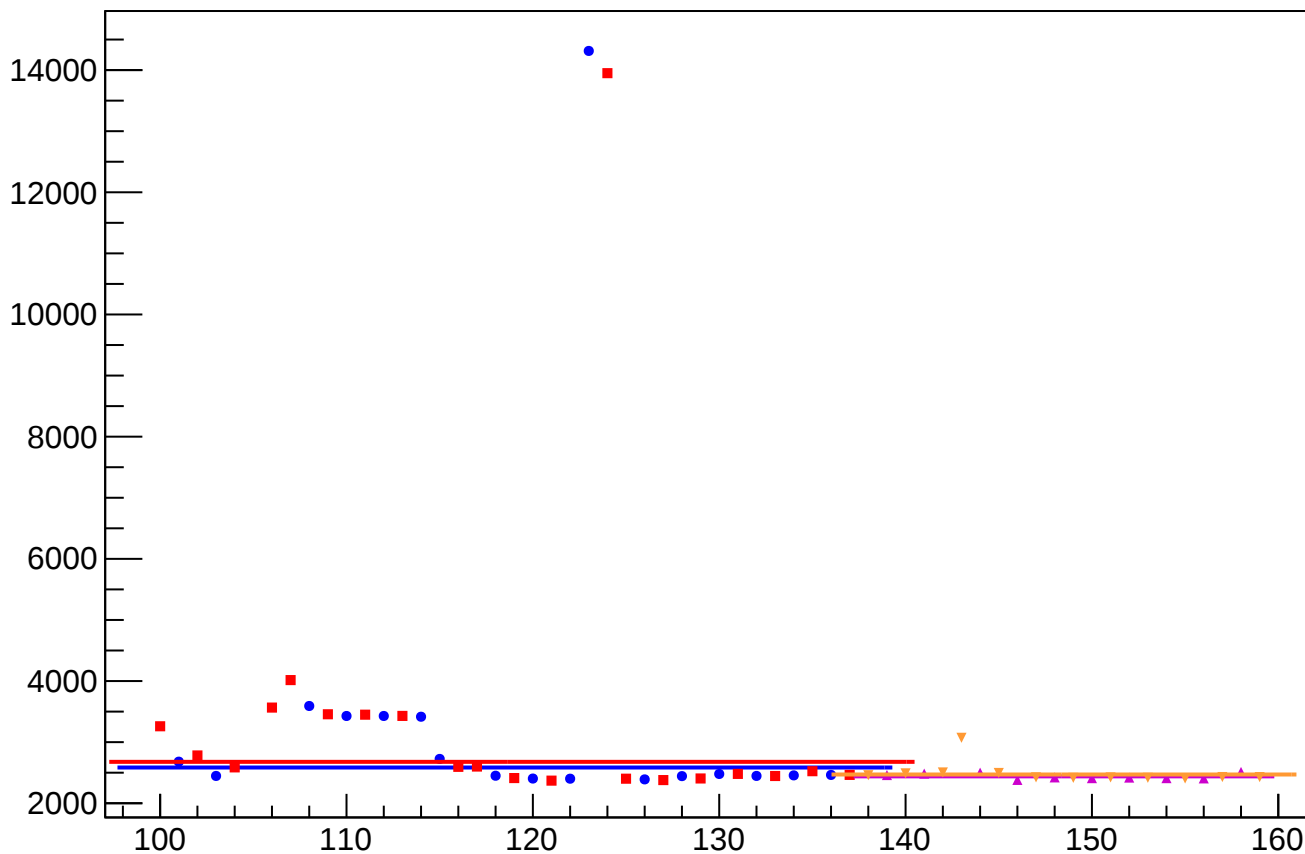
Left In: 1614.795 $\pm$ 855.485 χ^2 /NDF: 19.4/9

2219.901 $\pm$ 641.448 χ^2 /NDF: 24.3/28

1721.268 $\pm$ 458.479 χ^2 /NDF: 67.8/58

1200.458 $\pm$ 655.557 χ^2 /NDF: 42.3/29

reg_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2470.501+/-0.586 χ^2/NDF : 55127.1/11

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

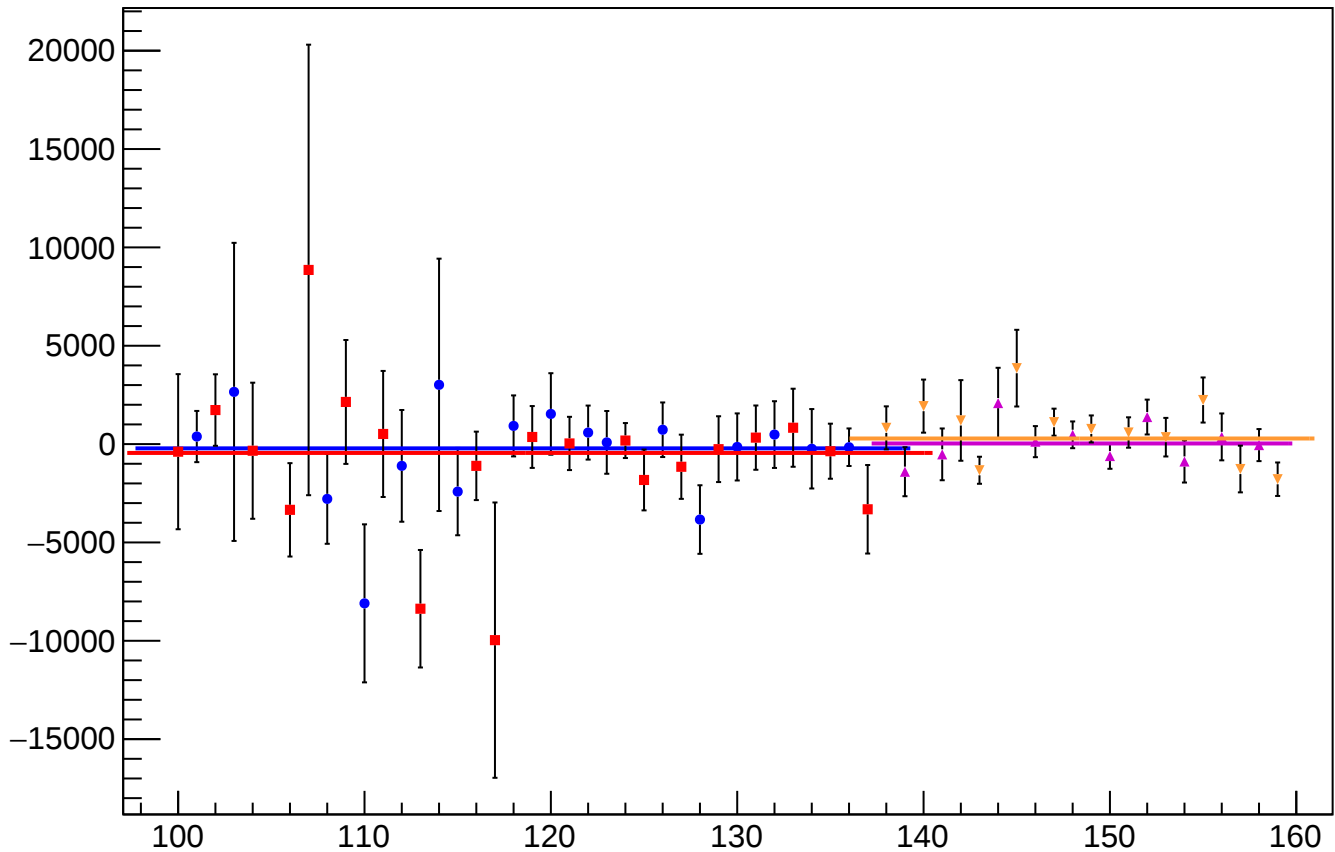
Left In: 2439.916+/-0.605 χ^2/NDF : 4923.8/9

2516.298+/-0.454 χ^2/NDF : 326091.0/28

2526.950+/-0.324 χ^2/NDF : 928103.1/58

2538.075+/-0.464 χ^2/NDF : 600884.7/29

asym_atl1_correction_mean vs Slug, Sign Corrected



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

Left Out: 284.642 ± 269.080 χ^2/NDF : 23.5/11

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

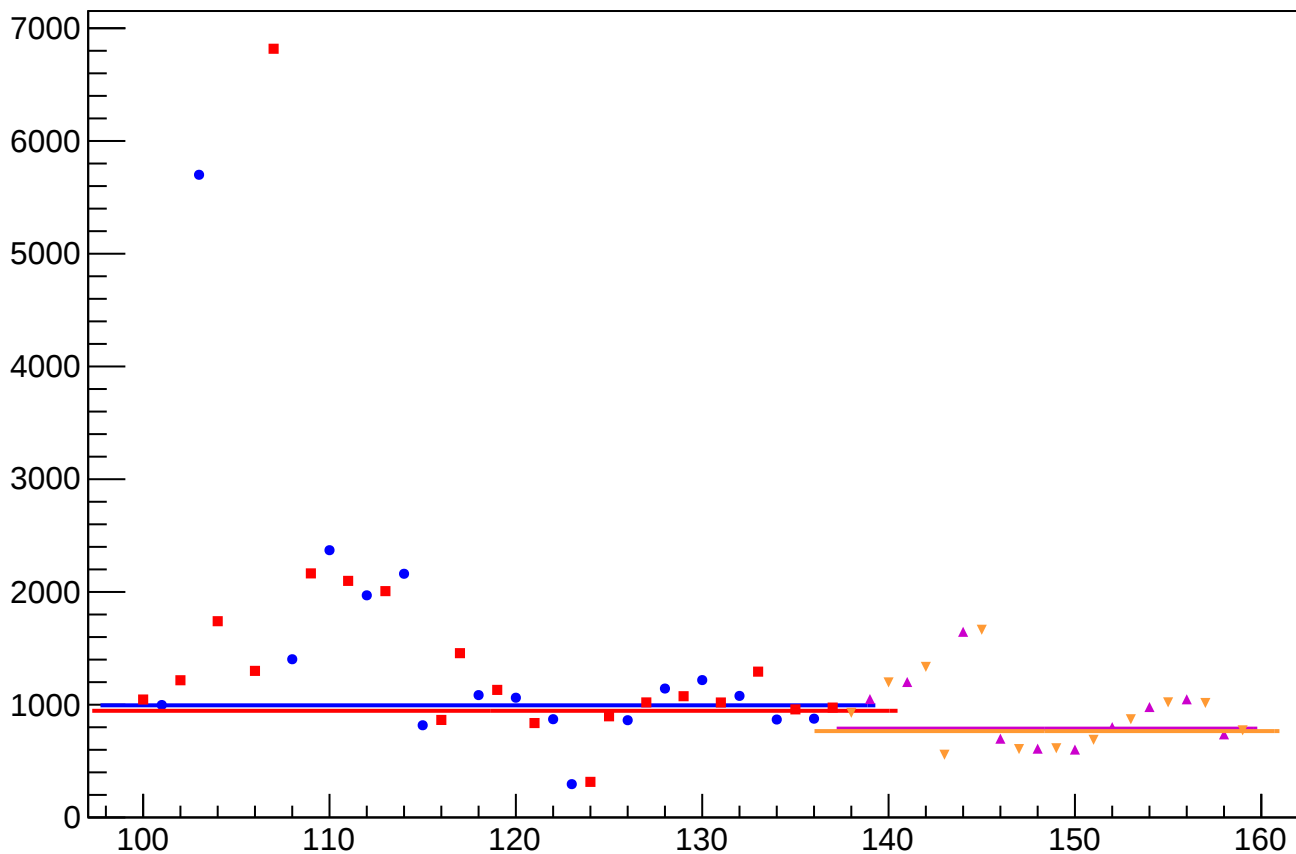
Left In: 31.801 ± 288.353 χ^2/NDF : 7.3/9

138.694 ± 226.582 χ^2/NDF : 37.9/28

10.297 ± 163.290 χ^2/NDF : 64.3/58

-128.445 ± 235.533 χ^2/NDF : 25.8/29

asym_atl1_correction_rms vs Slug, Sign Corrected



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

Left Out: 765.973+/-0.190 χ^2/NDF : 1450586.0/11

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

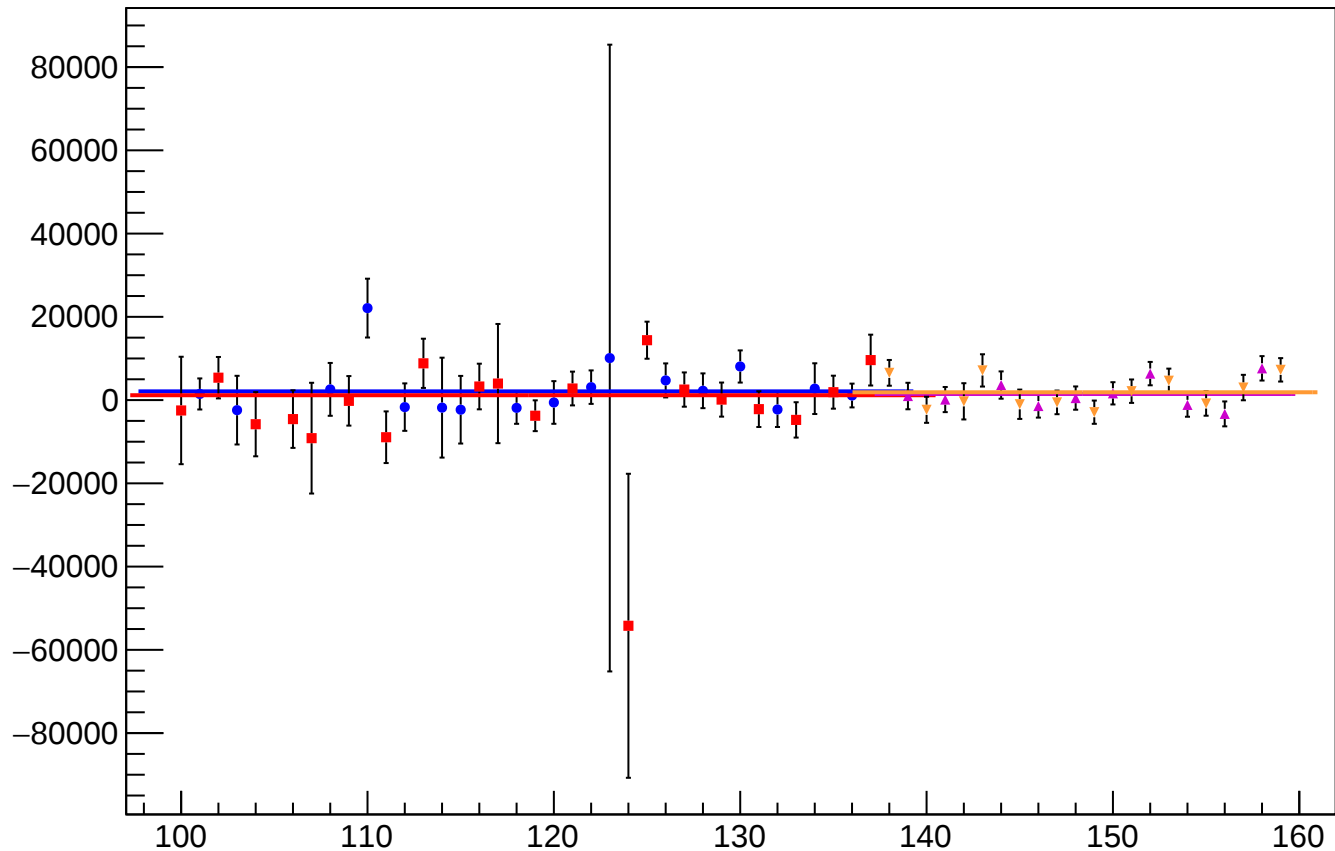
Left In: 787.778+/-0.204 χ^2/NDF : 1238076.2/9

832.471+/-0.160 χ^2/NDF : 3774980.4/28

836.304+/-0.115 χ^2/NDF : 7891439.8/58

840.446+/-0.167 χ^2/NDF : 4115268.6/29

asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 1878.257+/-893.737 χ^2/NDF : 16.1/11

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

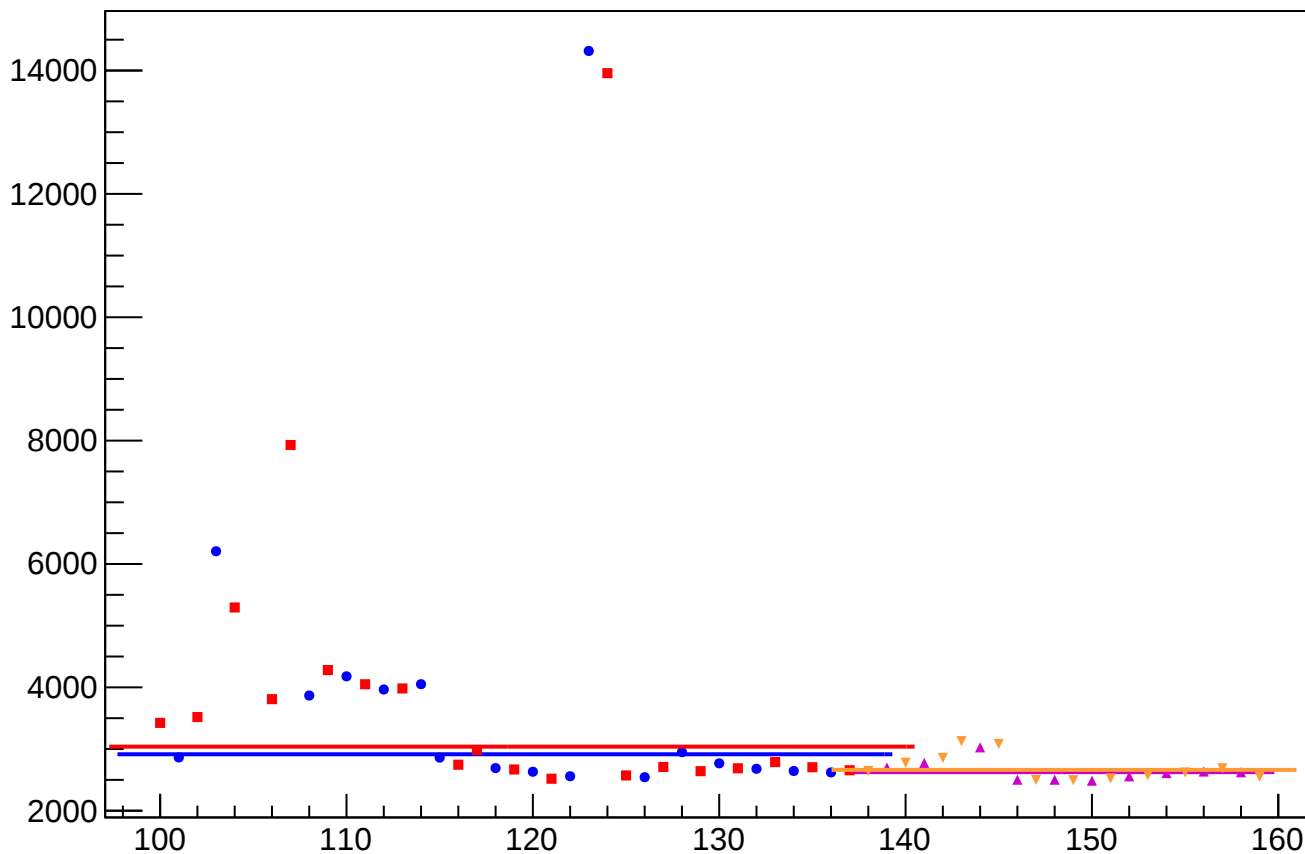
Left In: 1472.137+/-922.071 χ^2/NDF : 12.7/9

1958.602+/-708.072 χ^2/NDF : 30.7/28

1665.751+/-507.325 χ^2/NDF : 69.0/58

1356.827+/-727.243 χ^2/NDF : 37.9/29

asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2661.937+/-0.632 χ^2/NDF : 88133.6/11

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

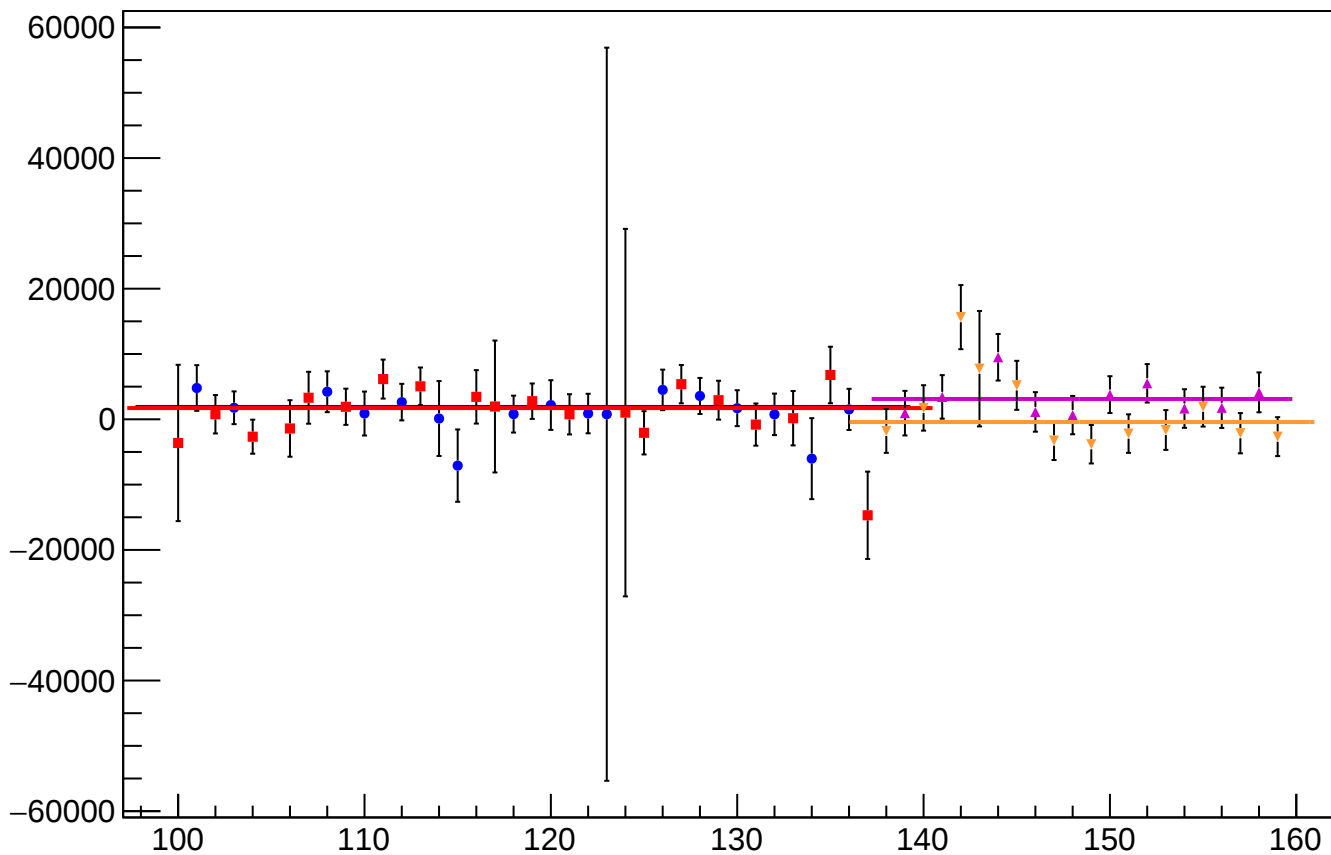
Left In: 2625.942+/-0.652 χ^2/NDF : 50385.1/9

2756.233+/-0.501 χ^2/NDF : 787066.6/28

2768.755+/-0.359 χ^2/NDF : 2001662.3/58

2781.965+/-0.514 χ^2/NDF : 1213310.3/29

reg_asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: -416.001+/-965.527 χ^2 /NDF:18.6/11

Right Out: 1720.591+/-787.704 χ^2 /NDF: 19.0/19

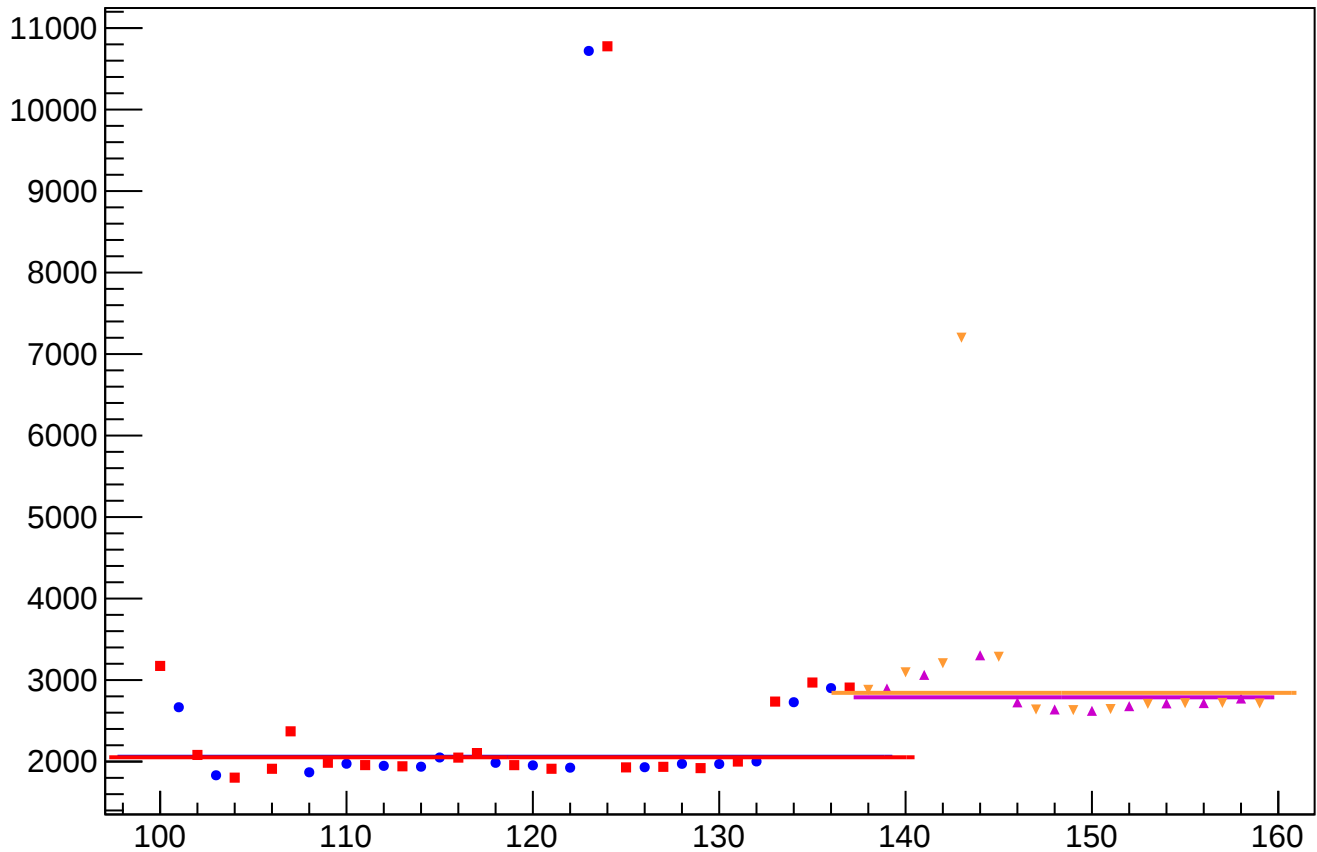
Left In: 3113.580+/-977.007 χ^2 /NDF:6.0/9

935.447+/-621.194 χ^2 /NDF: 29.2/28

1611.016+/-436.404 χ^2 /NDF: 57.7/58

2269.358+/-613.222 χ^2 /NDF: 26.2/29

reg_asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 2843.143 +/- 0.683 χ^2/NDF : 579095.8/11

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

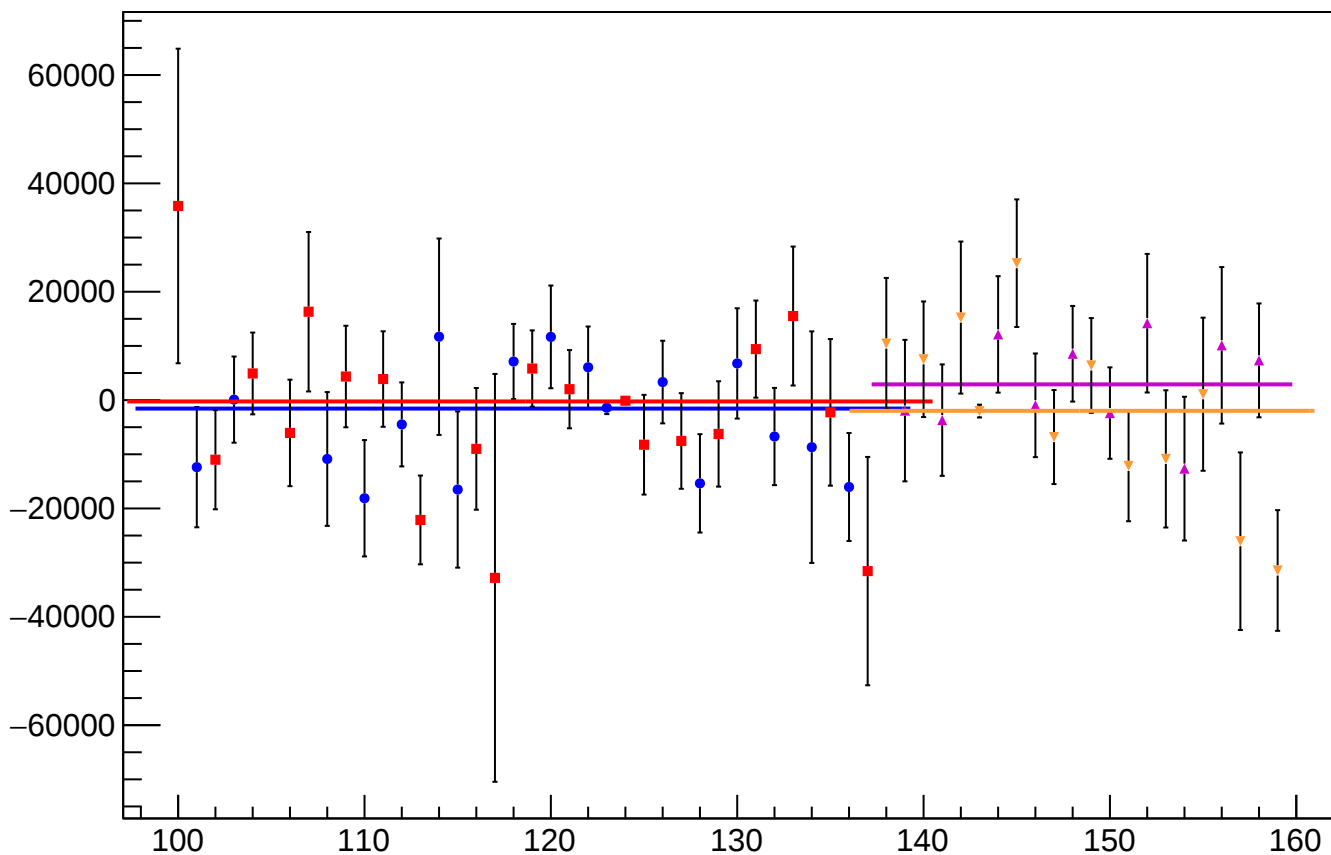
Left In: 2788.271 +/- 0.691 χ^2/NDF : 75388.0/9

2383.557 +/- 0.439 χ^2/NDF : 1670842.7/28

2362.713 +/- 0.309 χ^2/NDF : 2881342.7/58

2342.400 +/- 0.434 χ^2/NDF : 1206053.5/29

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1979.250+/-1116.765 χ^2/NDF : 20.6/11

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

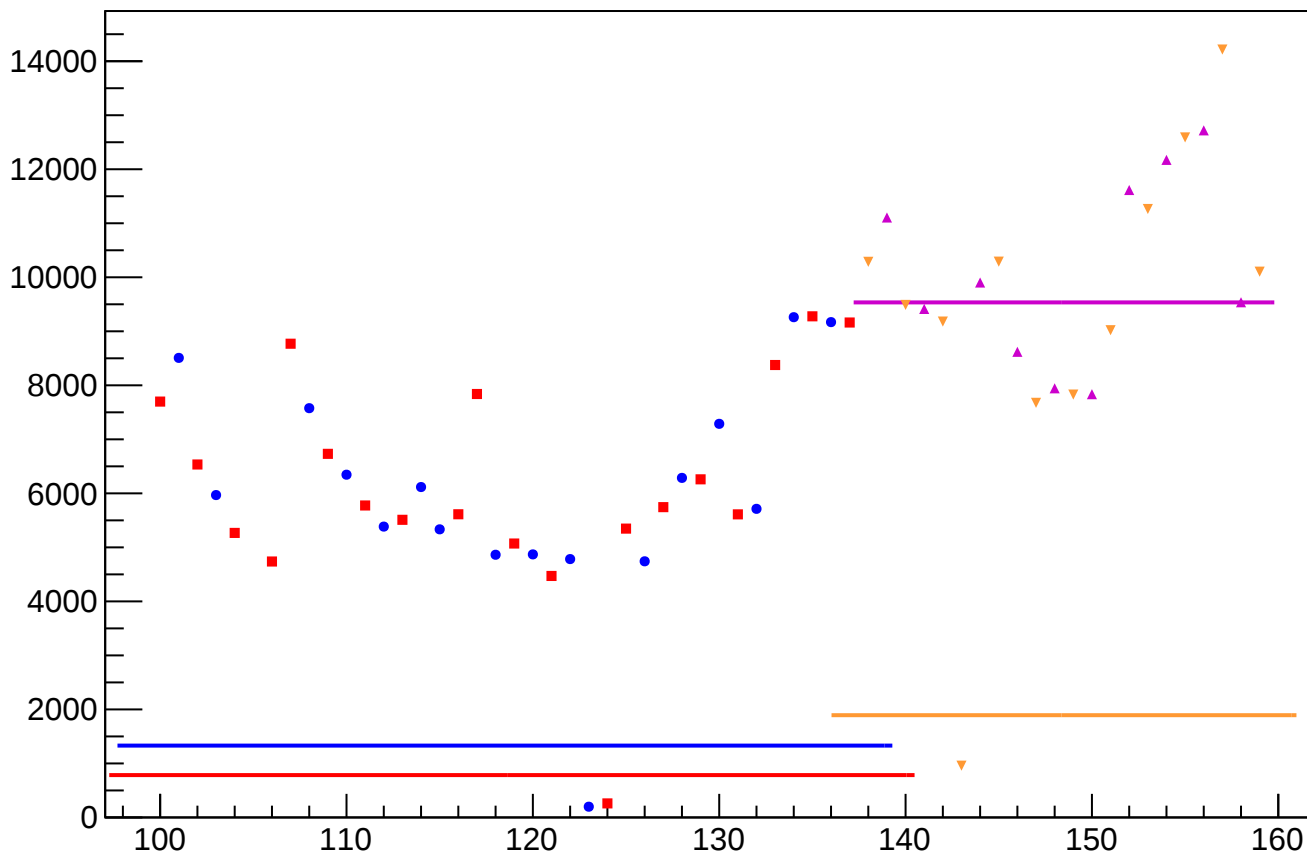
Left In: 2904.734+/-3382.159 χ^2/NDF : 4.8/9

-1759.204+/-766.498 χ^2/NDF : 36.9/28

-842.672+/-509.021 χ^2/NDF : 66.7/58

-119.583+/-680.821 χ^2/NDF : 27.2/29

asym_atl2_correction_rms vs Slug, Sign Corrected



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

Left Out: 1893.087+/-0.790 χ^2/NDF : 12019135.0/11

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

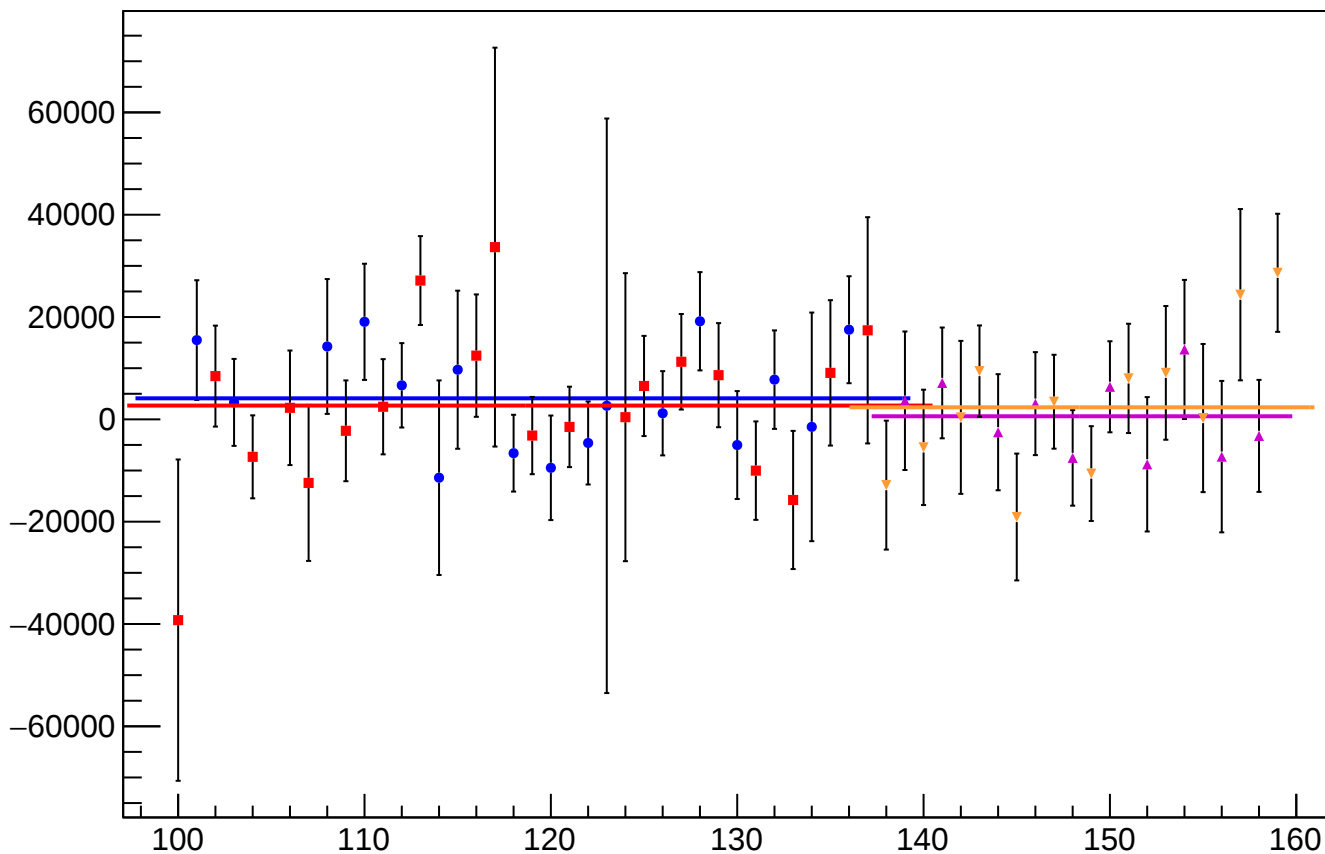
Left In: 9534.964+/-2.392 χ^2/NDF : 425170.3/9

1595.394+/-0.542 χ^2/NDF : 22334657.6/28

1340.185+/-0.360 χ^2/NDF : 47512543.1/5

1138.840+/-0.481 χ^2/NDF : 24781247.0/29

asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: 2356.043 $\pm$ 3302.553 χ^2 /NDF: 15.0/11

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

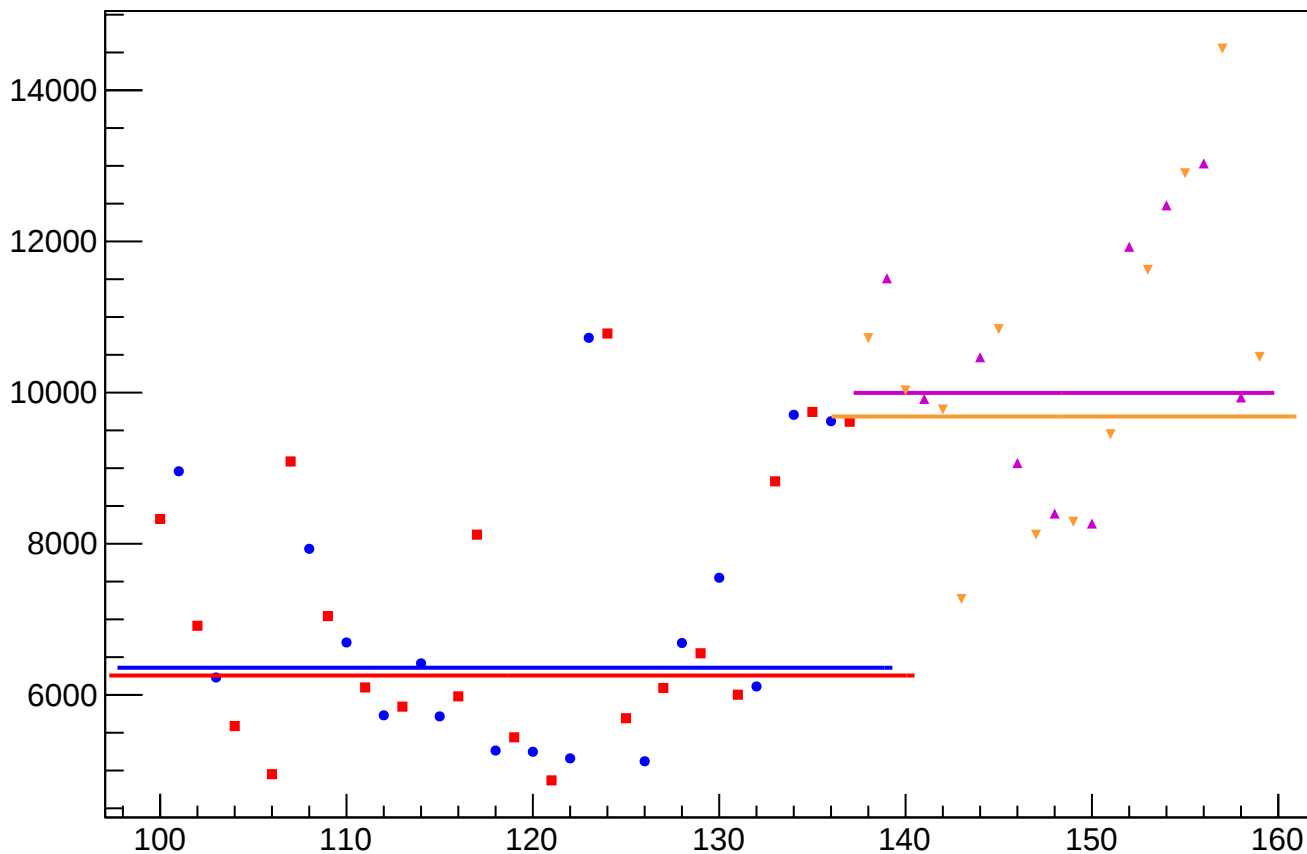
Left In: 603.967 $\pm$ 3539.297 χ^2 /NDF: 3.6/9

3461.024 $\pm$ 2010.620 χ^2 /NDF: 29.5/28

2740.979 $\pm$ 1416.283 χ^2 /NDF: 54.2/58

2031.848 $\pm$ 1995.322 χ^2 /NDF: 24.4/29

asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 9683.674+/-2.335 χ^2/NDF : 604840.1/11

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

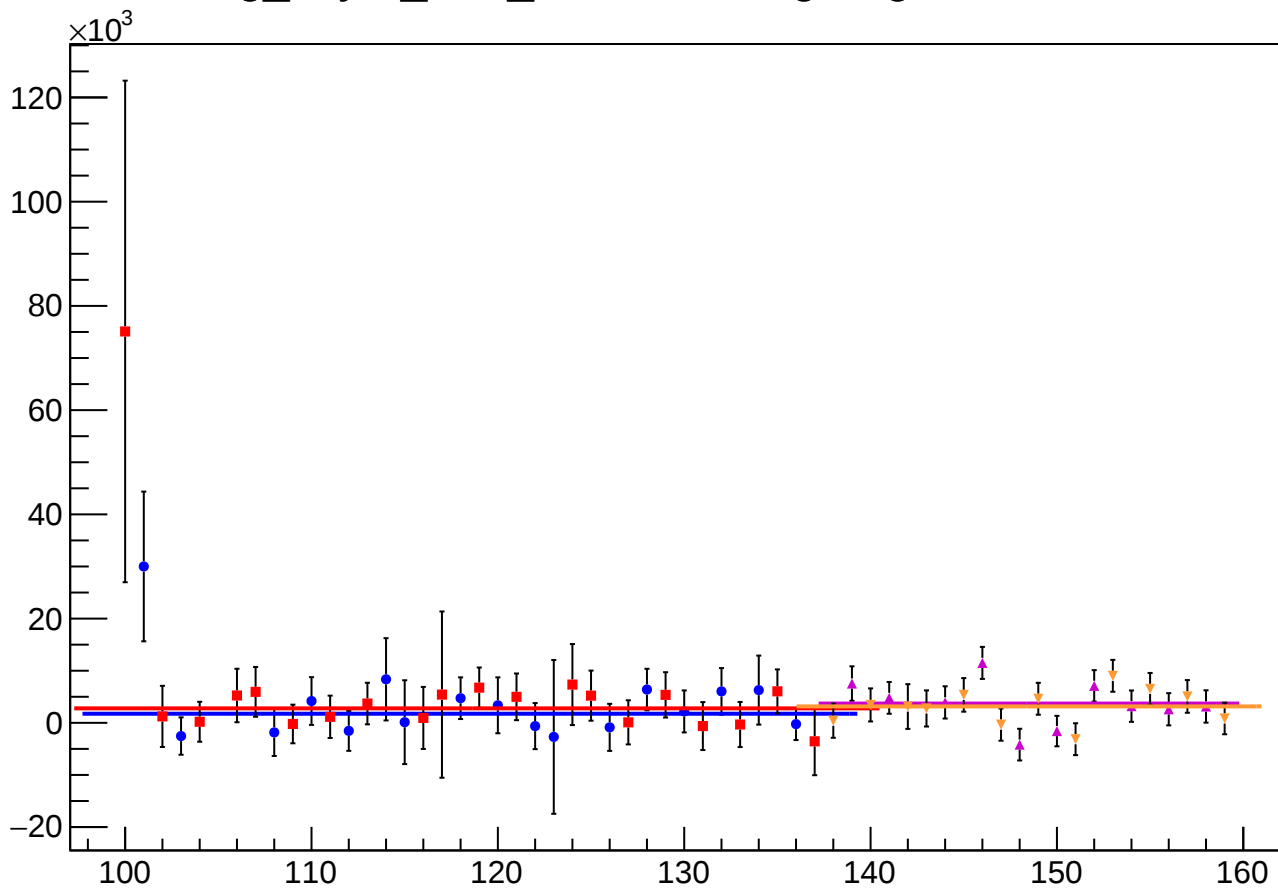
Left In: 9995.852+/-2.503 χ^2/NDF : 373731.6/9

7591.857+/-1.422 χ^2/NDF : 2460228.2/28

7518.064+/-1.001 χ^2/NDF : 4899247.2/58

7445.395+/-1.411 χ^2/NDF : 2433672.1/29

reg_asym_atr1_mean vs Slug, Sign Corrected



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

Left Out: 3152.692 $\pm$ 924.996 χ^2 /NDF: 12.8/11

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

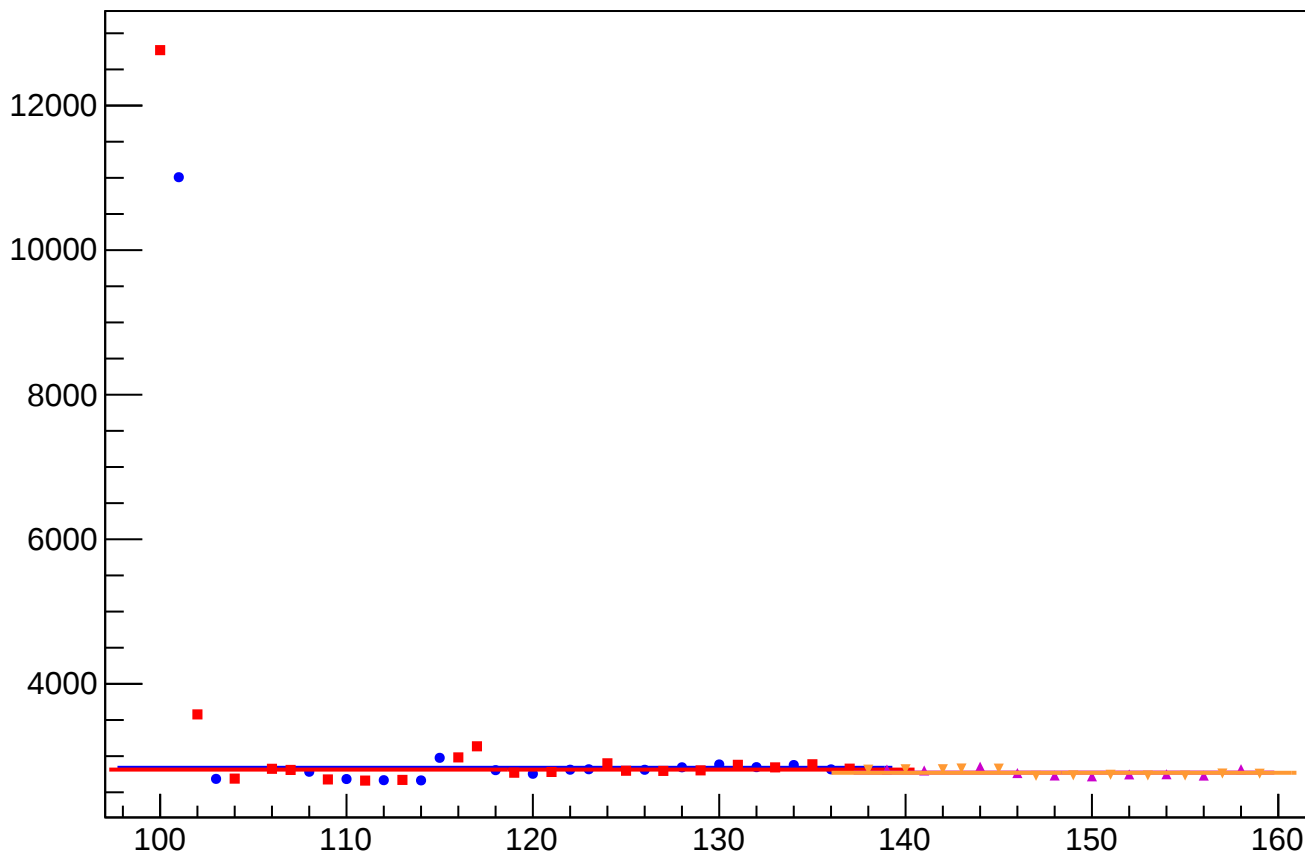
Left In: 3694.981 $\pm$ 969.833 χ^2 /NDF: 19.3/9

2587.409 $\pm$ 715.391 χ^2 /NDF: 25.9/28

2932.338 $\pm$ 506.934 χ^2 /NDF: 55.9/58

3280.217 $\pm$ 718.444 χ^2 /NDF: 29.5/29

reg_asym_atr1_rms vs Slug, Sign Corrected



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

Left Out: 2769.959+/-0.654 χ^2/NDF : 3777.5/11

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

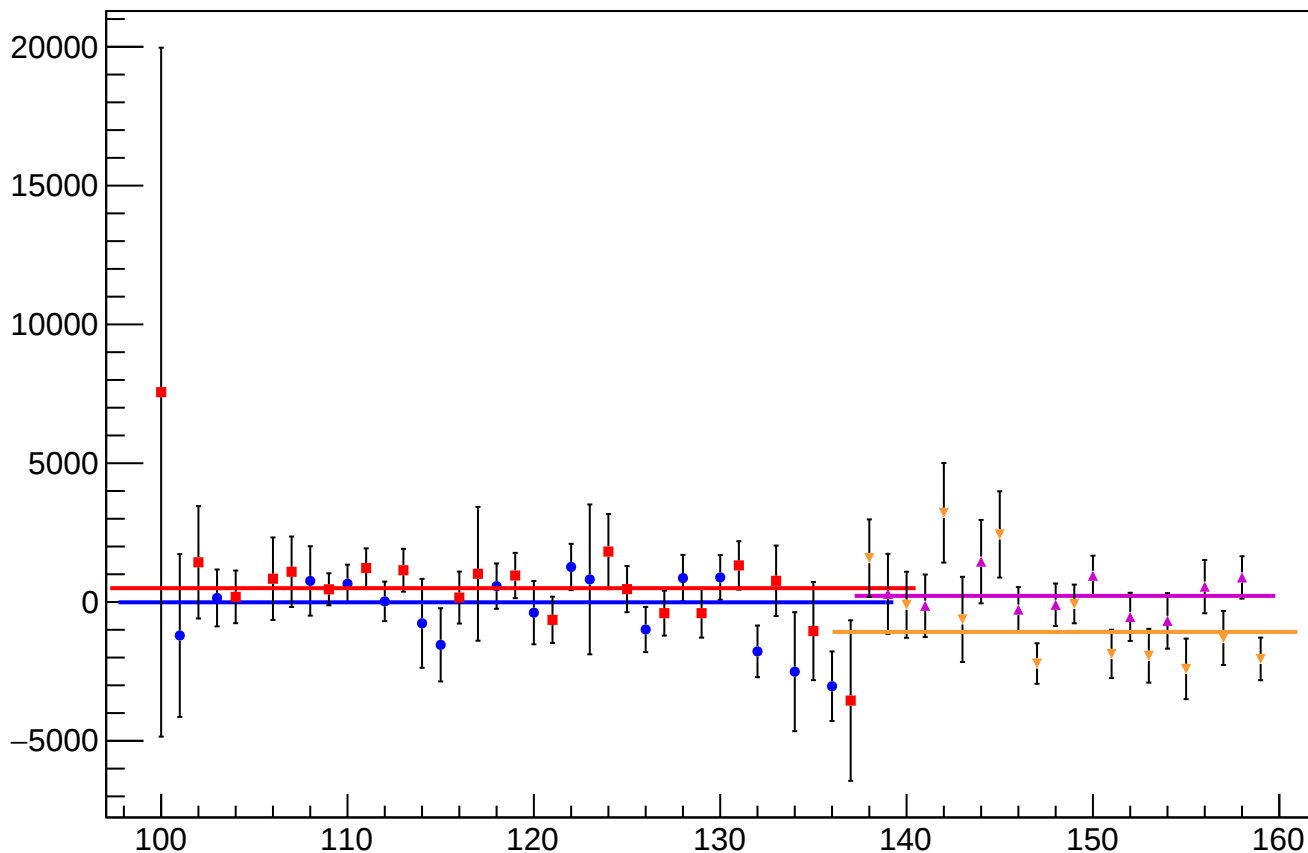
Left In: 2772.602+/-0.686 χ^2/NDF : 3965.3/9

2797.598+/-0.506 χ^2/NDF : 668430.2/28

2794.472+/-0.358 χ^2/NDF : 808006.8/58

2791.320+/-0.508 χ^2/NDF : 139499.9/29

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -9.845 $\pm$ 241.678 χ^2/NDF : 20.7/16

Left Out: -1076.342 $\pm$ 285.251 χ^2/NDF : 24.5/11

Right Out: 499.625 $\pm$ 220.558 χ^2/NDF : 11.9/19

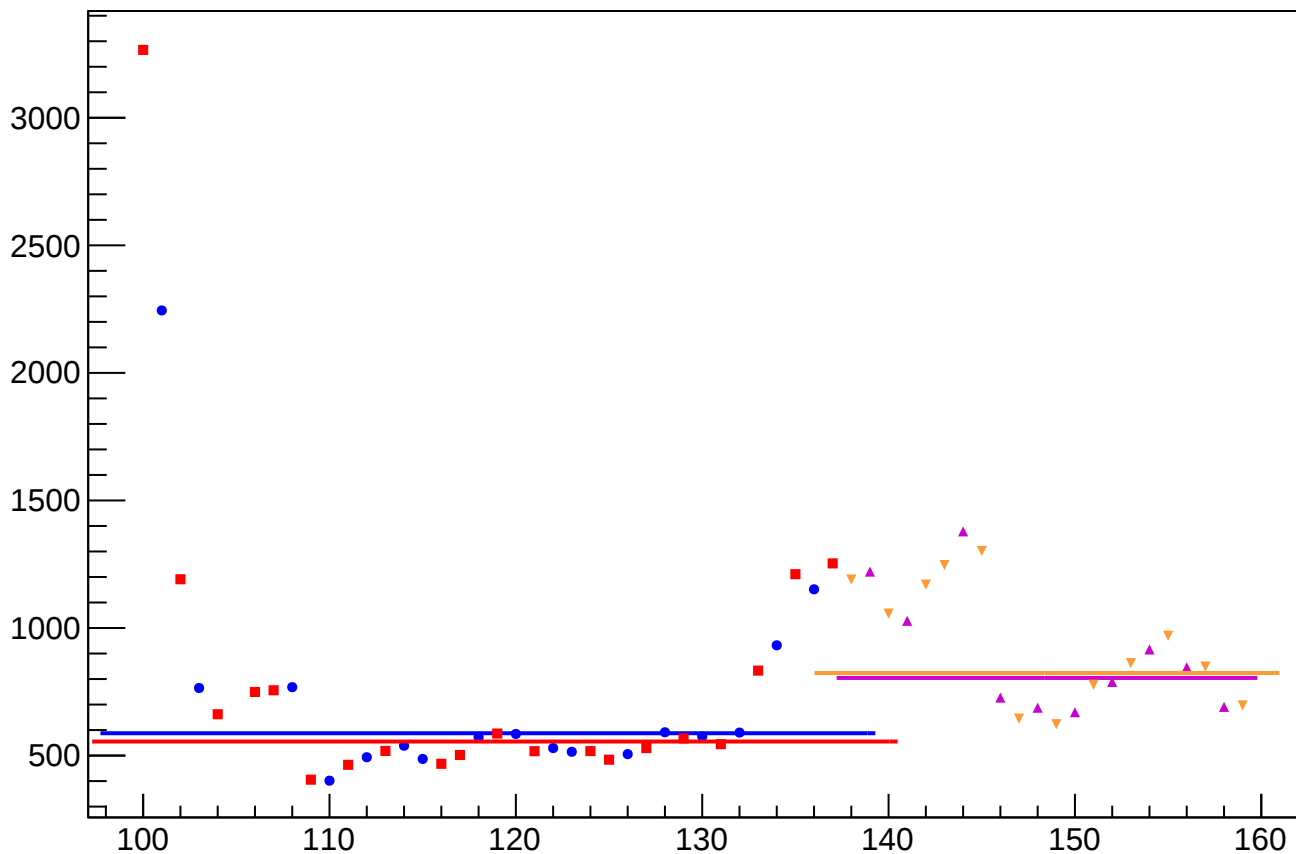
Left In: 221.478 $\pm$ 288.709 χ^2/NDF : 4.8/9

-455.502 $\pm$ 184.394 χ^2/NDF : 53.3/28

-7.566 $\pm$ 127.036 χ^2/NDF : 81.9/58

397.119 $\pm$ 175.266 χ^2/NDF : 17.3/29

asym_atr1_correction_rms vs Slug, Sign Corrected



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

Left Out: 823.871+/-0.202 χ^2/NDF : 1017260.2/11

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

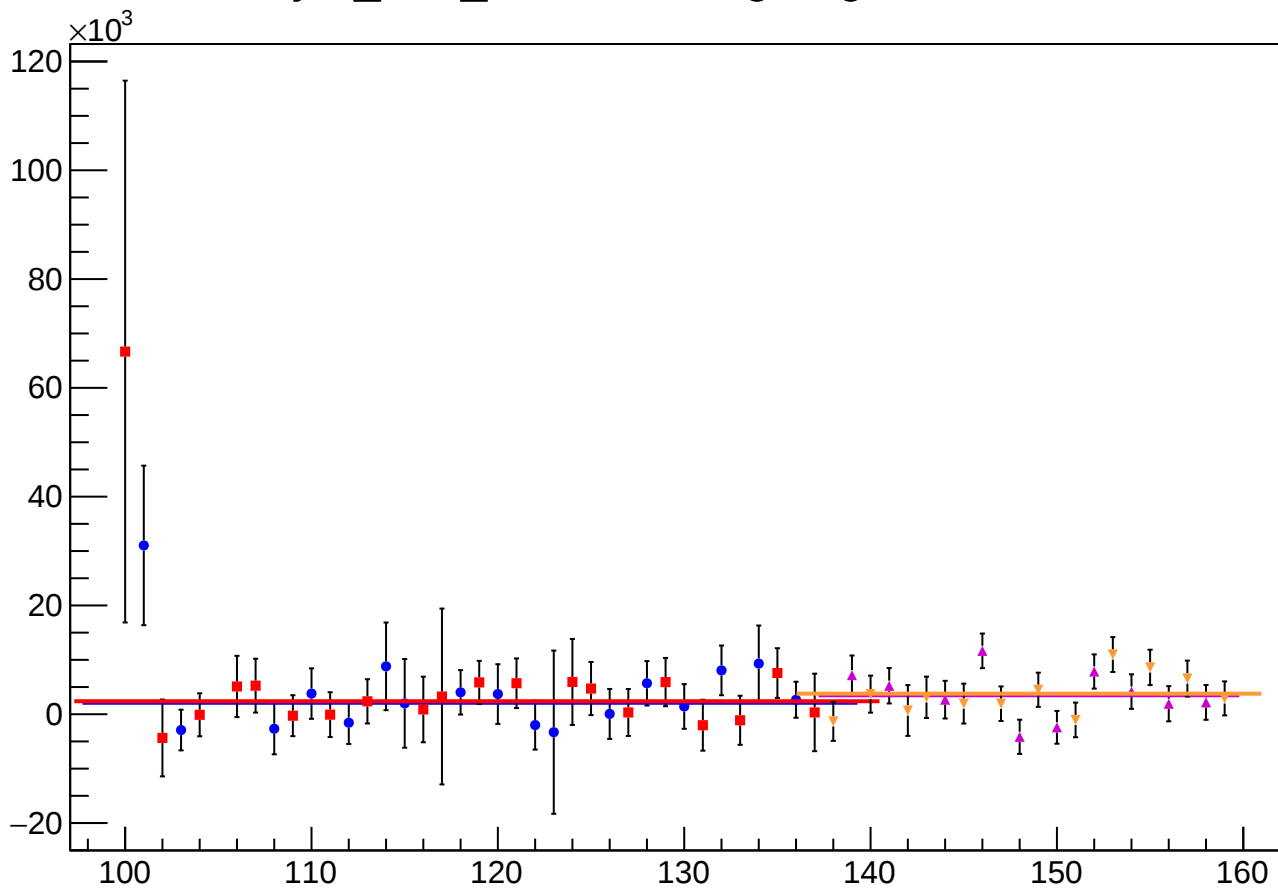
Left In: 804.360+/-0.204 χ^2/NDF : 747375.5/9

686.328+/-0.130 χ^2/NDF : 3241814.7/28

665.642+/-0.090 χ^2/NDF : 6086305.5/58

646.953+/-0.124 χ^2/NDF : 2796578.1/29

asym_atr1_mean vs Slug, Sign Corrected



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

Left Out: 3783.855 $\pm$ 981.161 χ^2 /NDF: 13.4/11

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

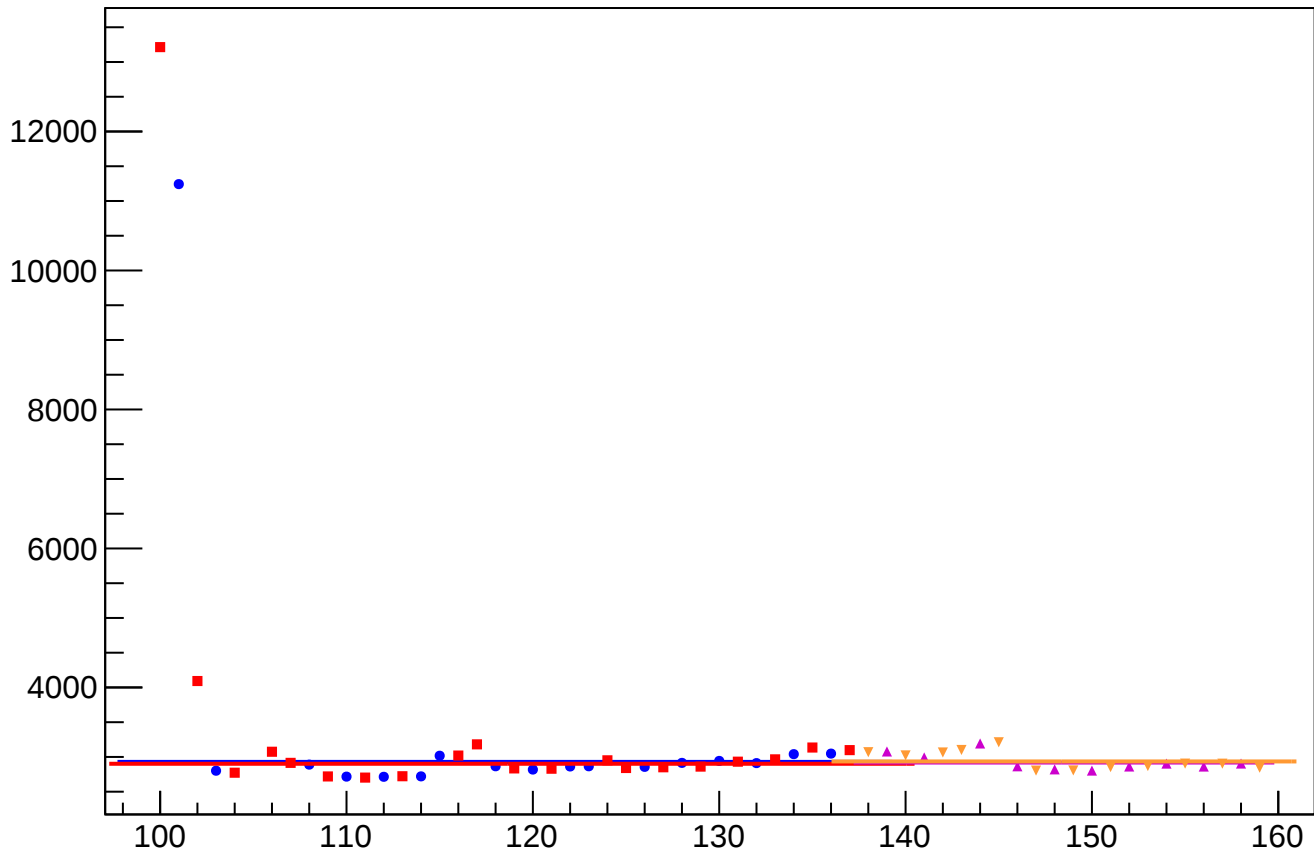
Left In: 3484.875 $\pm$ 1021.827 χ^2 /NDF: 20.1/9

3088.178 $\pm$ 750.289 χ^2 /NDF: 28.1/28

3034.874 $\pm$ 530.802 χ^2 /NDF: 58.7/58

2981.462 $\pm$ 751.048 χ^2 /NDF: 30.5/29

asym_atr1_rms vs Slug, Sign Corrected



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

Left Out: 2935.297+/-0.694 χ^2/NDF : 31709.0/11

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

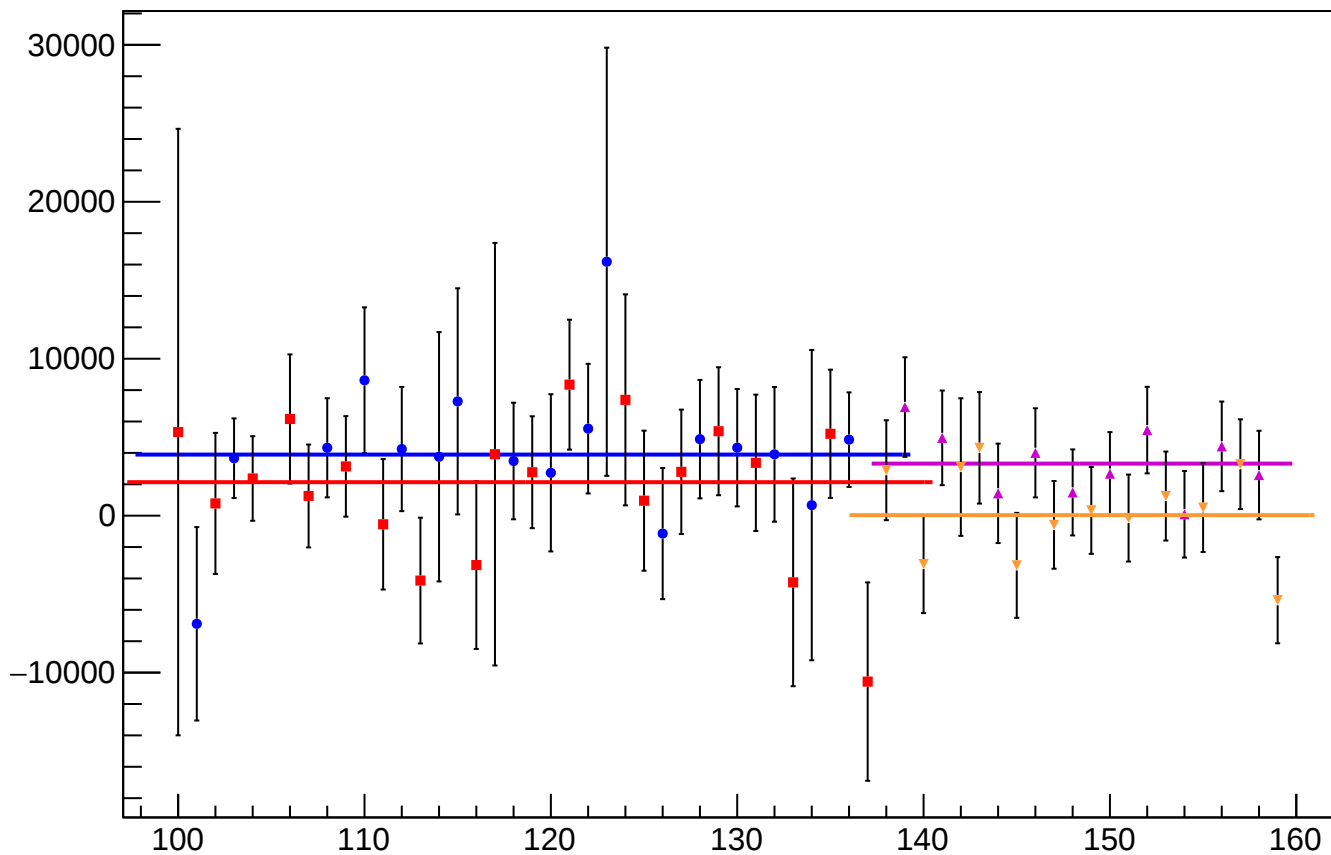
Left In: 2919.408+/-0.723 χ^2/NDF : 24321.4/9

2932.558+/-0.531 χ^2/NDF : 694109.5/28

2921.944+/-0.375 χ^2/NDF : 889826.4/58

2911.308+/-0.531 χ^2/NDF : 194915.6/29

reg_asym_atr2_mean vs Slug, Sign Corrected



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

Left Out: 35.265+/-872.027 χ^2/NDF : 10.1/11

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

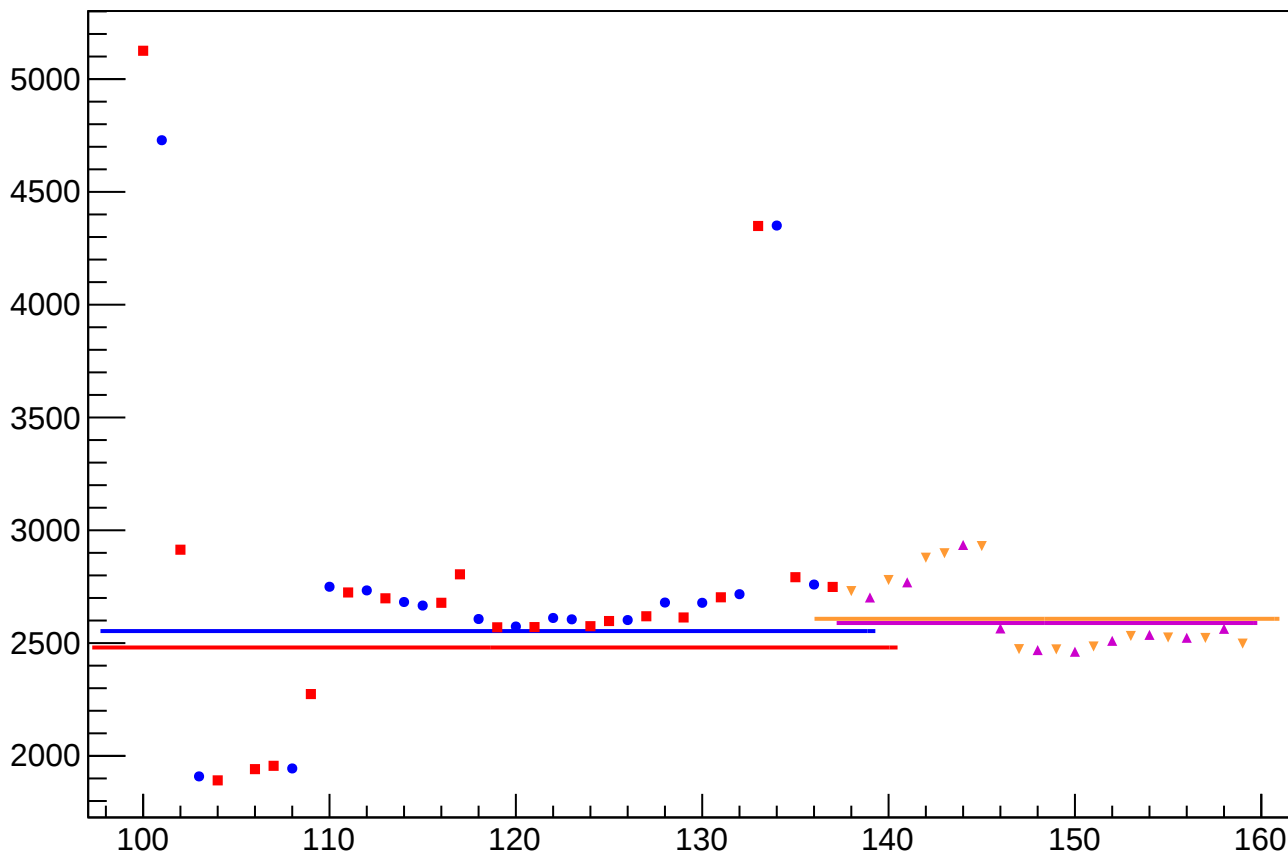
Left In: 3317.119+/-905.251 χ^2/NDF : 4.7/9

1679.410+/-660.528 χ^2/NDF : 25.6/28

2221.167+/-465.925 χ^2/NDF : 46.8/58

2757.669+/-657.318 χ^2/NDF : 19.9/29

reg_asym_atr2_rms vs Slug, Sign Corrected



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

Left Out: 2607.667 +/- 0.617 χ^2/NDF : 70104.3/11

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

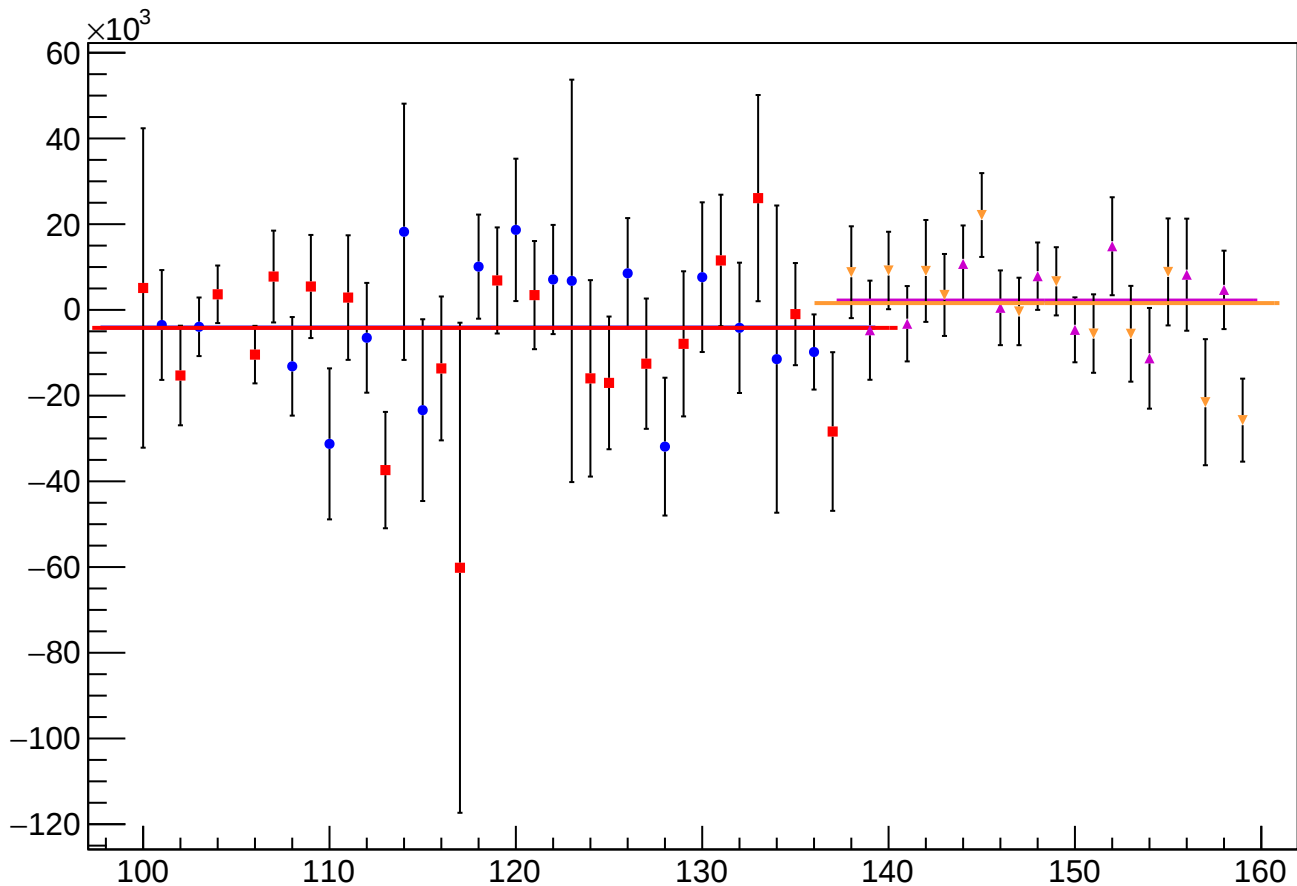
Left In: 2588.970 +/- 0.640 χ^2/NDF : 45752.4/9

2584.485 +/- 0.467 χ^2/NDF : 618647.2/28

2560.974 +/- 0.329 χ^2/NDF : 1133686.0/58

2537.692 +/- 0.465 χ^2/NDF : 509995.8/29

asym_atr2_correction_mean vs Slug, Sign Corrected



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

Left Out: 1586.058 ± 2851.330 χ^2/NDF : 18.3/11

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

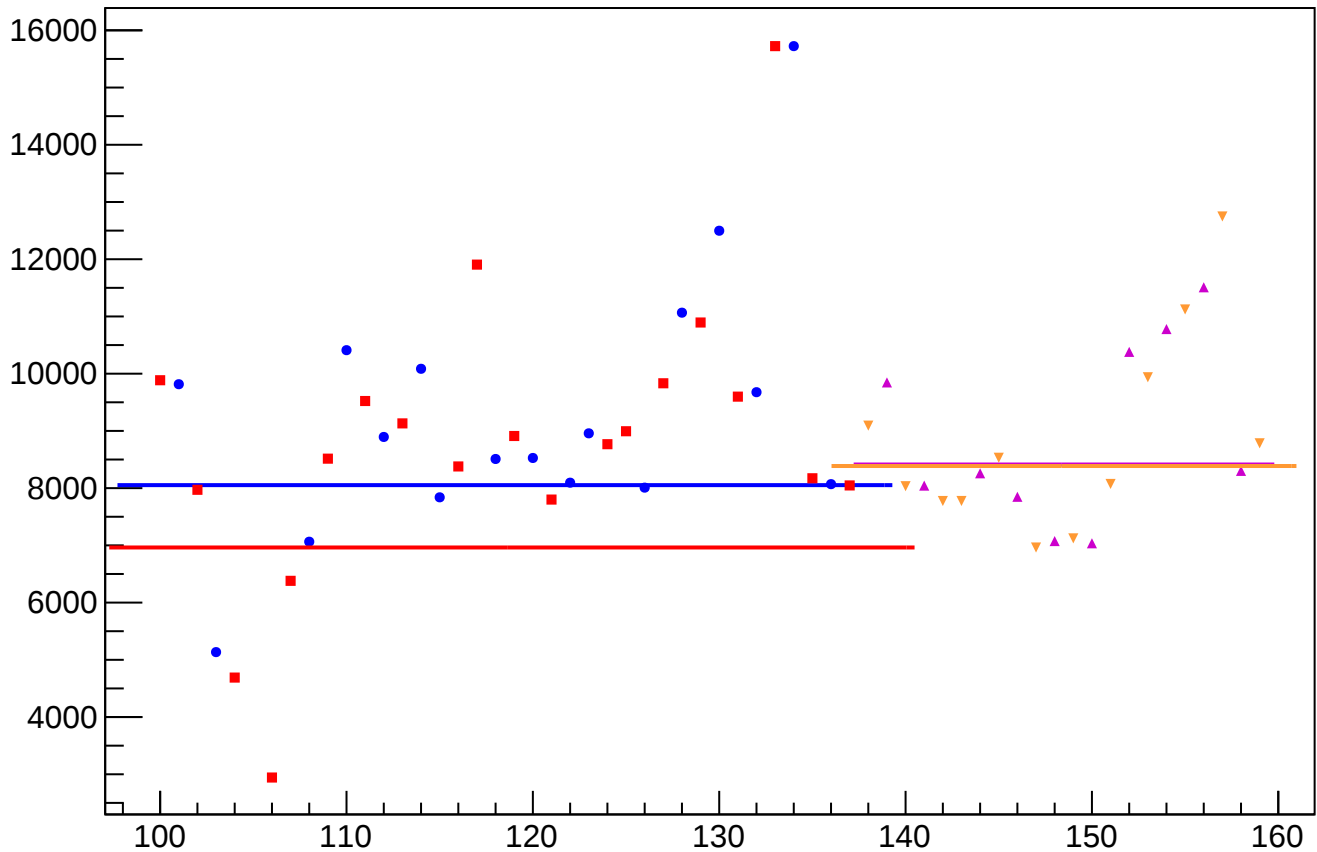
Left In: 2178.354 ± 2983.992 χ^2/NDF : 5.9/9

-918.384 ± 2136.741 χ^2/NDF : 33.4/28

-1053.109 ± 1480.679 χ^2/NDF : 61.1/58

-1177.569 ± 2053.719 χ^2/NDF : 27.7/29

asym_atr2_correction_rms vs Slug, Sign Corrected



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

Left Out: 8386.641 +/- 2.016 χ^2/NDF : 457690.3/11

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

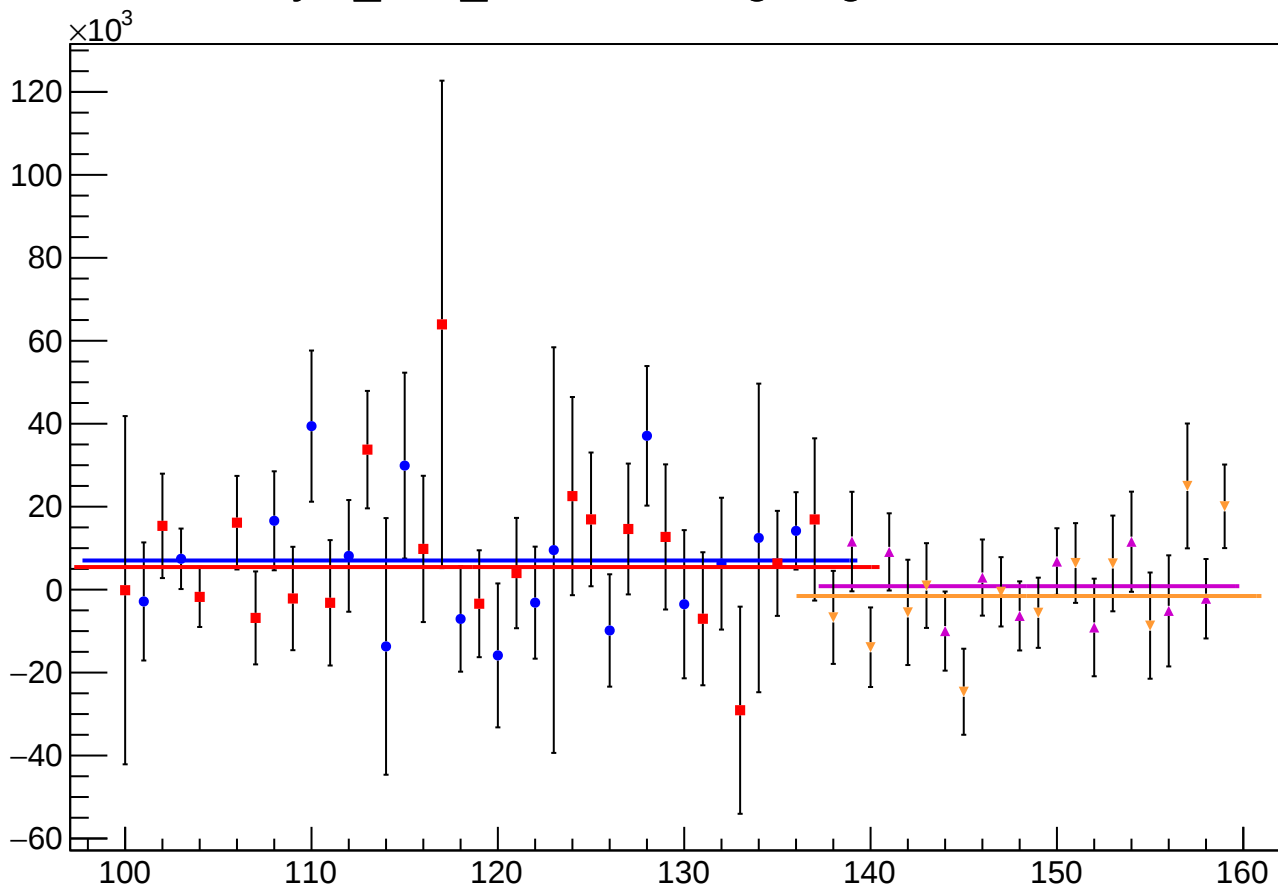
Left In: 8412.812 +/- 2.110 χ^2/NDF : 420148.2/9

8240.169 +/- 1.511 χ^2/NDF : 1260452.5/28

7933.291 +/- 1.047 χ^2/NDF : 3799984.9/58

7649.797 +/- 1.452 χ^2/NDF : 2460169.7/29

asym_atr2_mean vs Slug, Sign Corrected



Right In: 7025.400 $\pm$ 3409.490 χ^2 /NDF: 15.0/16

Left Out: -1539.066 $\pm$ 3003.076 χ^2 /NDF:16.4/11

Right Out: 5441.890 $\pm$ 3163.600 χ^2 /NDF: 14.3/19

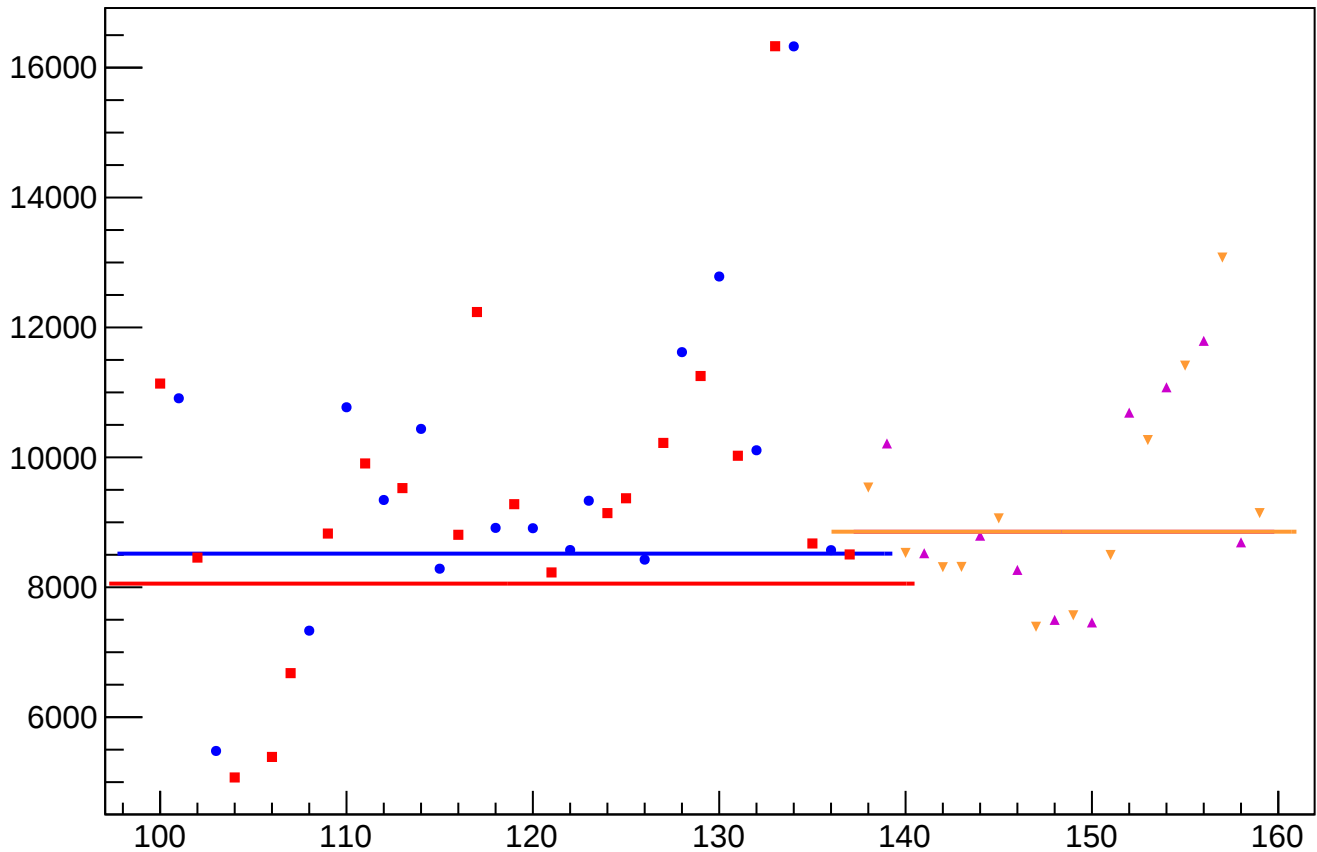
Left In: 831.397 $\pm$ 3133.431 χ^2 /NDF:6.0/9

2202.543 $\pm$ 2253.556 χ^2 /NDF: 35.0/28

2664.106 $\pm$ 1583.766 χ^2 /NDF: 56.5/58

3114.555 $\pm$ 2226.260 χ^2 /NDF: 21.4/29

asym_atr2_rms vs Slug, Sign Corrected



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

Left Out: 8855.518+/-2.123 χ^2/NDF : 398701.2/11

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

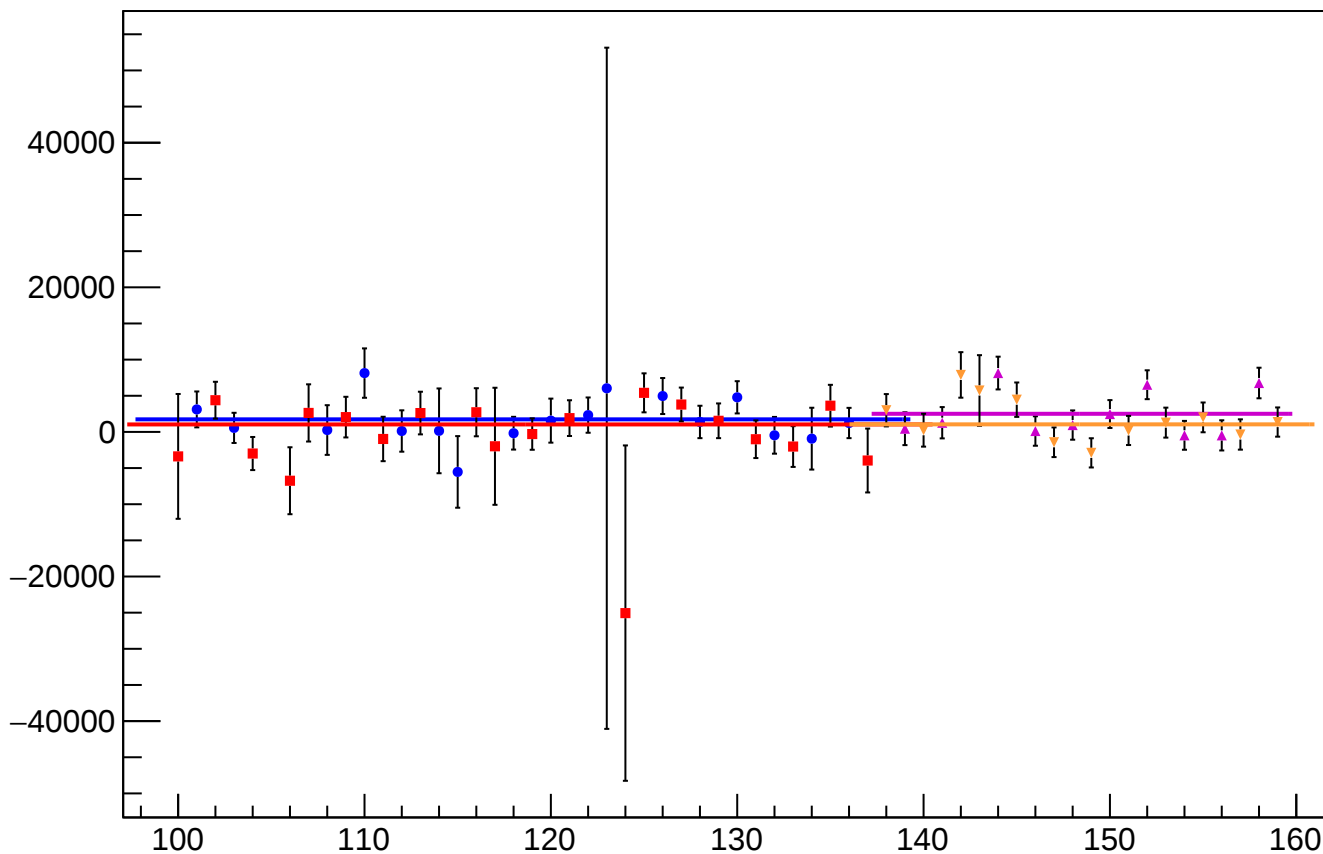
Left In: 8853.898+/-2.216 χ^2/NDF : 363352.2/9

8708.015+/-1.594 χ^2/NDF : 1173027.0/28

8581.904+/-1.120 χ^2/NDF : 2575235.4/58

8458.833+/-1.574 χ^2/NDF : 1389832.9/29

reg_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1046.712 $\pm$ 647.870 χ^2 /NDF: 14.7/11

Right Out: 1034.828 $\pm$ 668.692 χ^2 /NDF: 19.0/19

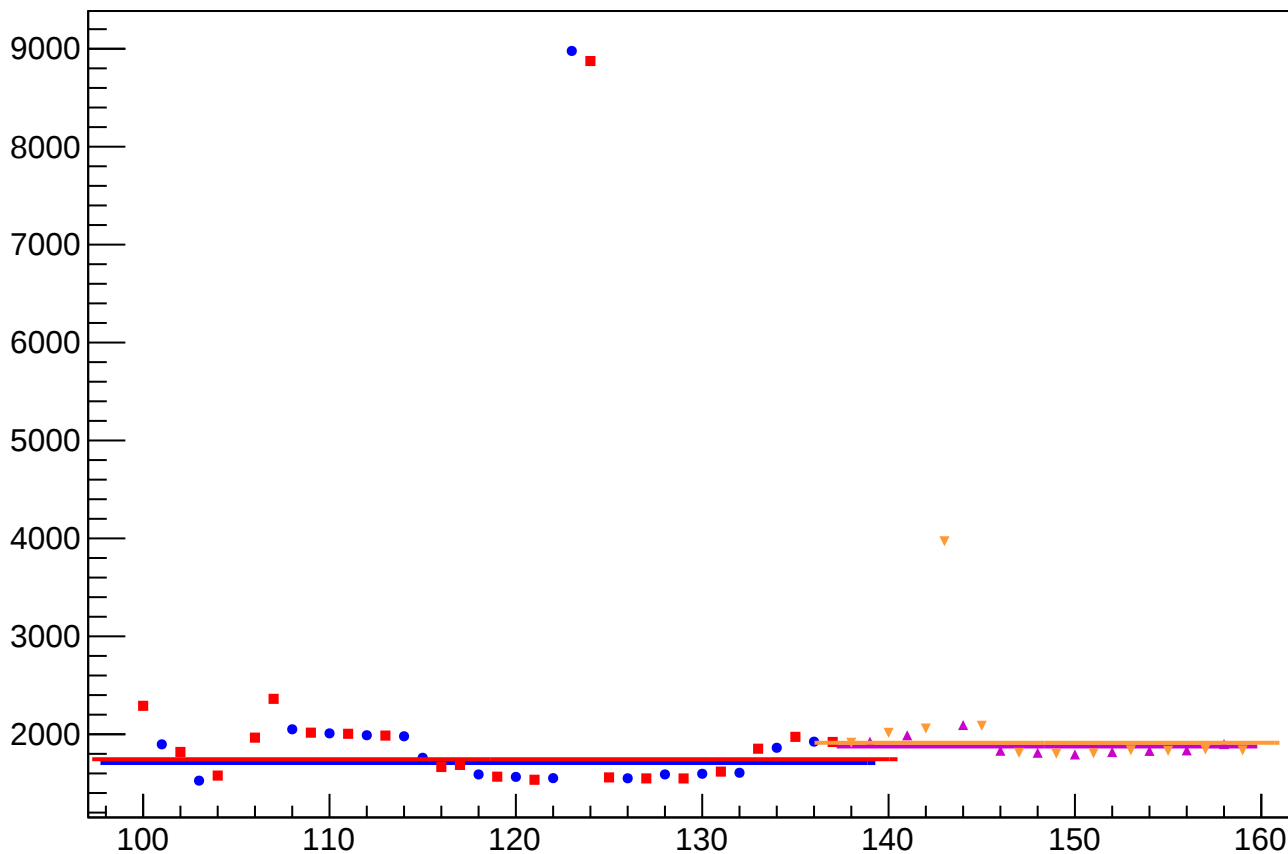
Left In: 2506.510 $\pm$ 657.942 χ^2 /NDF: 21.7/9

1381.340 $\pm$ 465.873 χ^2 /NDF: 27.7/28

1580.629 $\pm$ 330.518 χ^2 /NDF: 71.2/58

1782.593 $\pm$ 468.990 χ^2 /NDF: 43.1/29

reg_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1913.277 +/- 0.458 χ^2/NDF : 401196.8/11

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

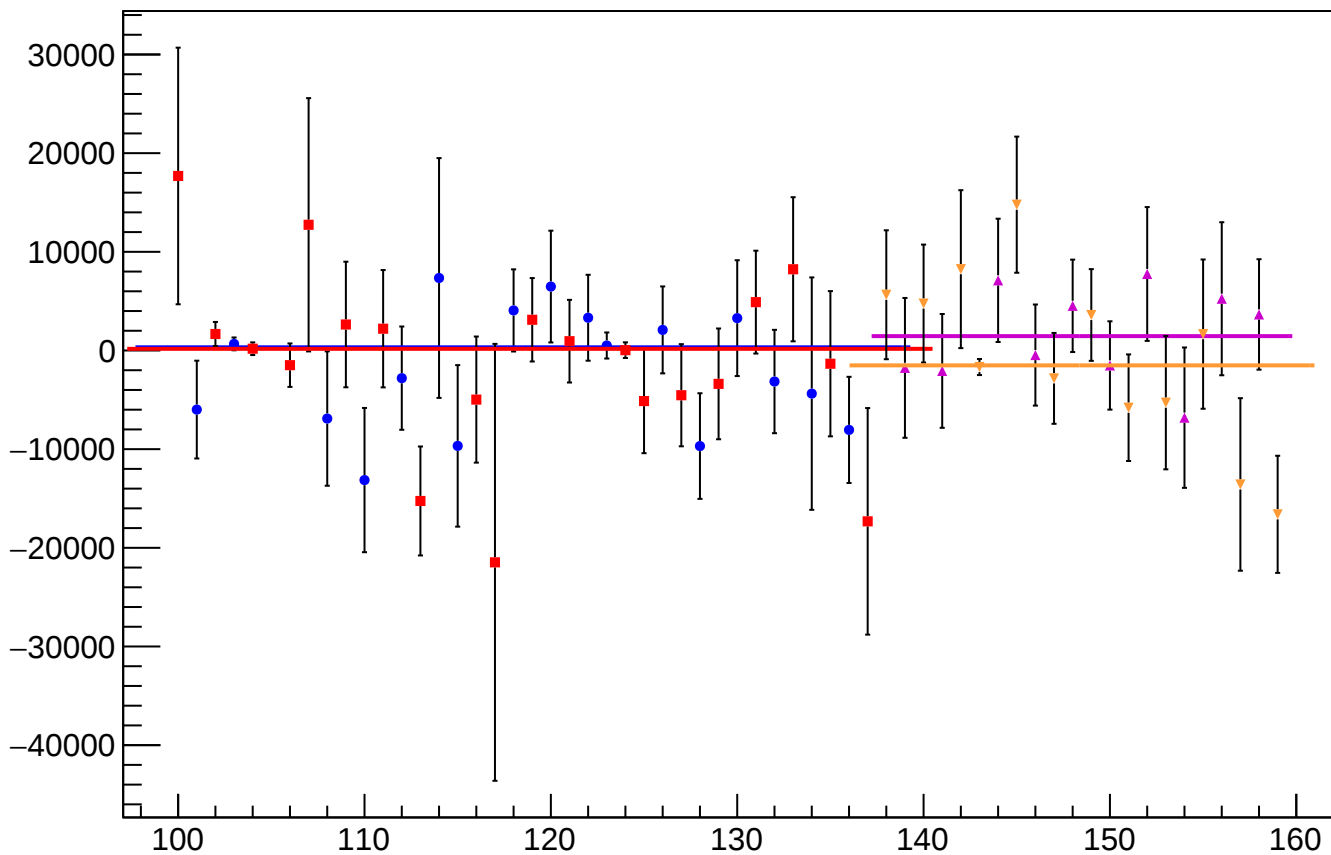
Left In: 1875.081 +/- 0.465 χ^2/NDF : 35258.3/9

1813.598 +/- 0.329 χ^2/NDF : 696789.1/28

1812.217 +/- 0.233 χ^2/NDF : 1170605.5/58

1810.825 +/- 0.331 χ^2/NDF : 473781.1/29

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 320.899 $\pm$ 540.384 χ^2 /NDF: 18.0/16

Left Out: -1508.570 $\pm$ 744.683 χ^2 /NDF:20.2/11

Right Out: 168.343 $\pm$ 433.469 χ^2 /NDF: 21.7/19

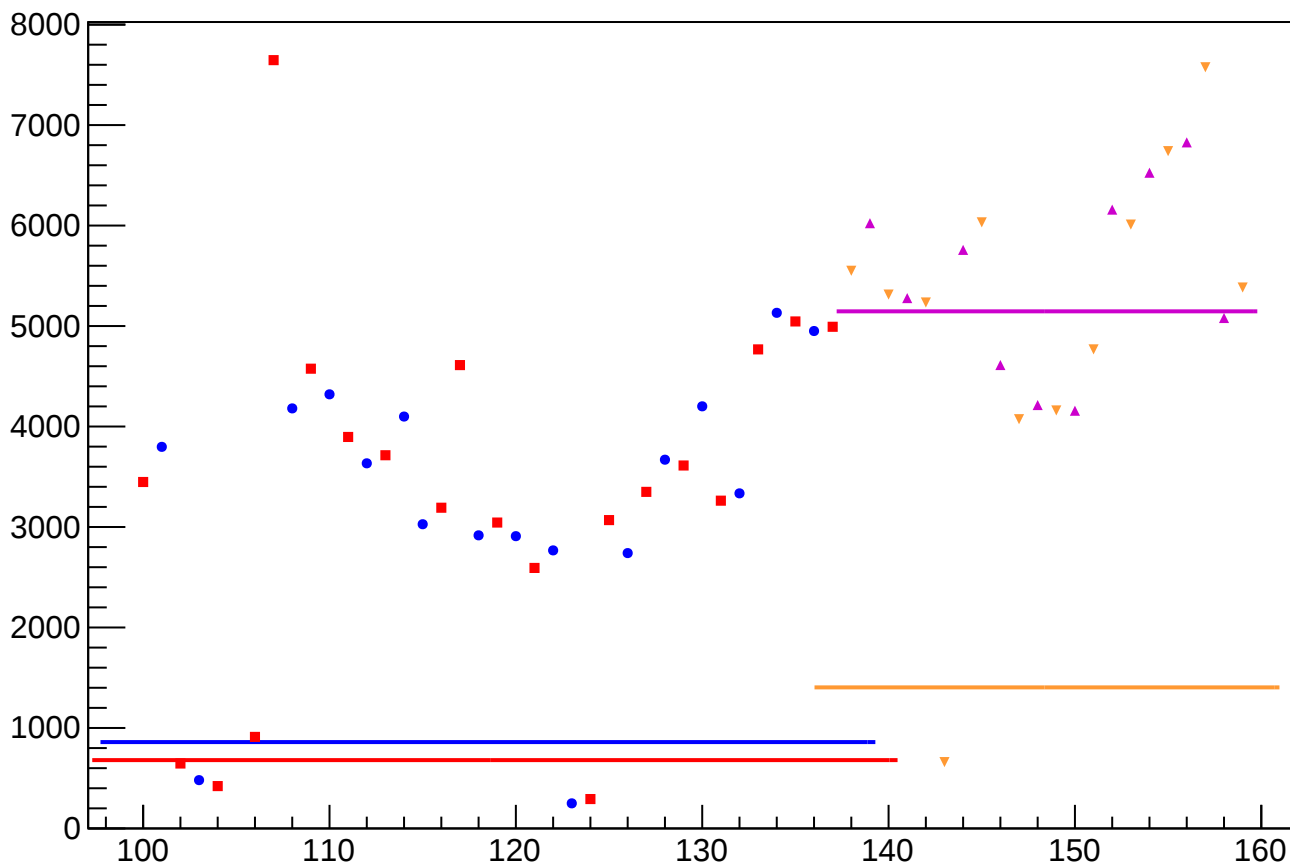
Left In: 1456.061 $\pm$ 1828.014 χ^2 /NDF:5.0/9

-310.157 $\pm$ 437.364 χ^2 /NDF: 42.1/28

-26.706 $\pm$ 303.601 χ^2 /NDF: 70.2/58

236.895 $\pm$ 421.773 χ^2 /NDF: 27.2/29

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 859.557 $\pm$ 0.382 χ^2 /NDF: 8143264.5/16

Left Out: 1403.894 $\pm$ 0.527 χ^2 /NDF: 10656070.8/11

Right Out: 680.110 $\pm$ 0.307 χ^2 /NDF: 8447884.2/19

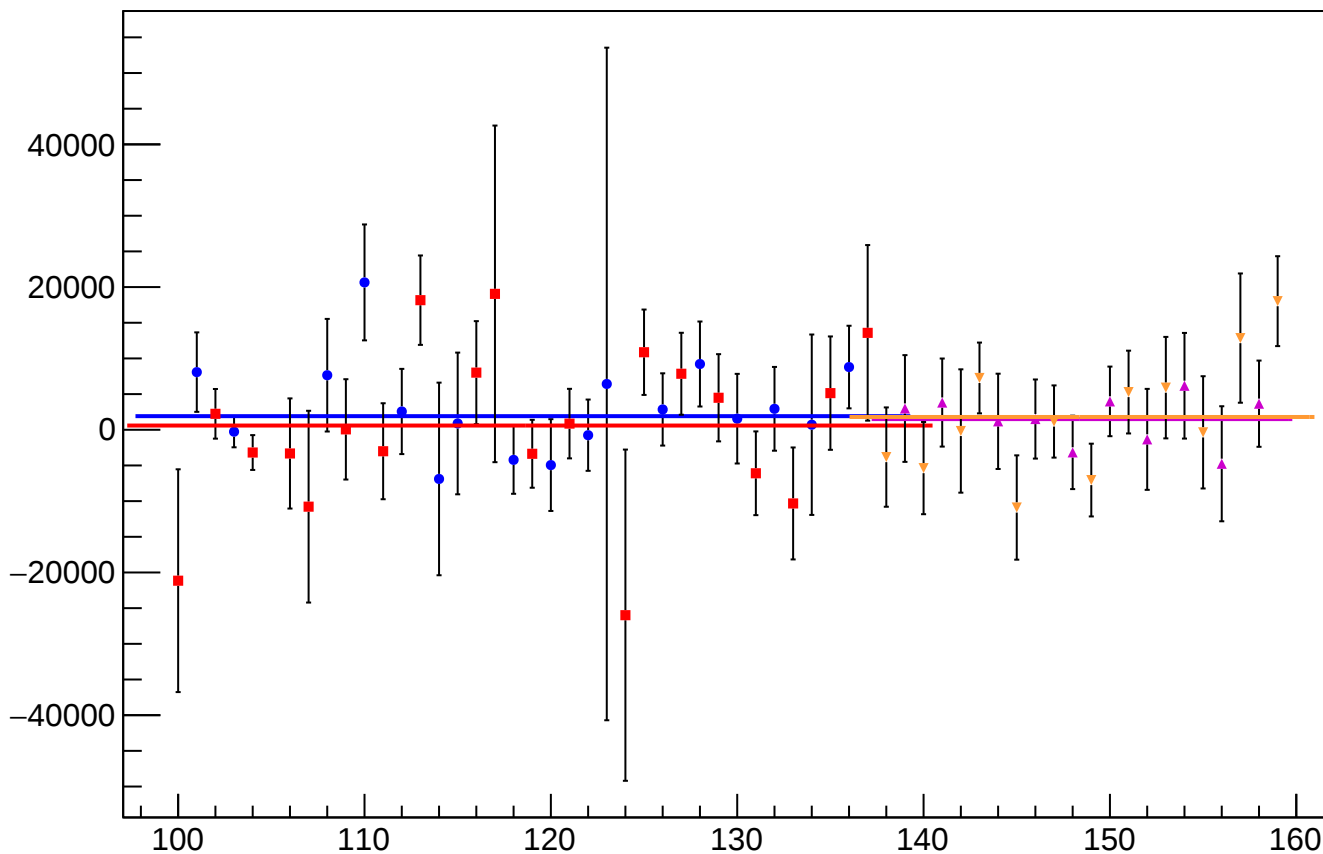
Left In: 5146.243 $\pm$ 1.293 χ^2 /NDF: 463707.5/9

1047.320 $\pm$ 0.309 χ^2 /NDF: 19499345.7/28

980.244 $\pm$ 0.215 χ^2 /NDF: 39804275.6/58

917.865 $\pm$ 0.298 χ^2 /NDF: 20214141.5/29

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1793.805+/-1832.174 χ^2/NDF : 18.1/11

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

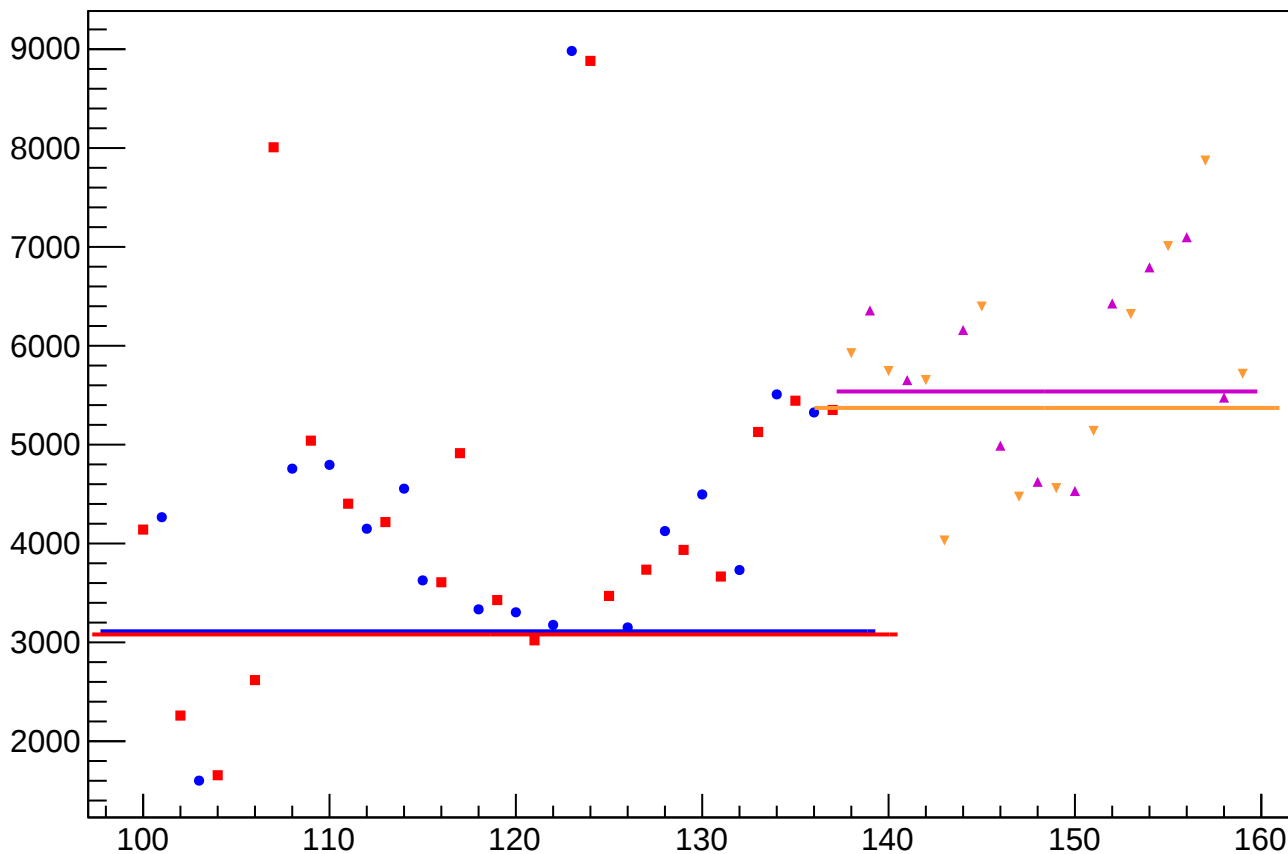
Left In: 1497.794+/-1961.610 χ^2/NDF : 2.6/9

1870.253+/-1065.750 χ^2/NDF : 32.7/28

1371.788+/-756.591 χ^2/NDF : 62.8/58

865.327+/-1074.264 χ^2/NDF : 29.7/29

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5371.493+/-1.296 χ^2/NDF : 604642.5/11

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

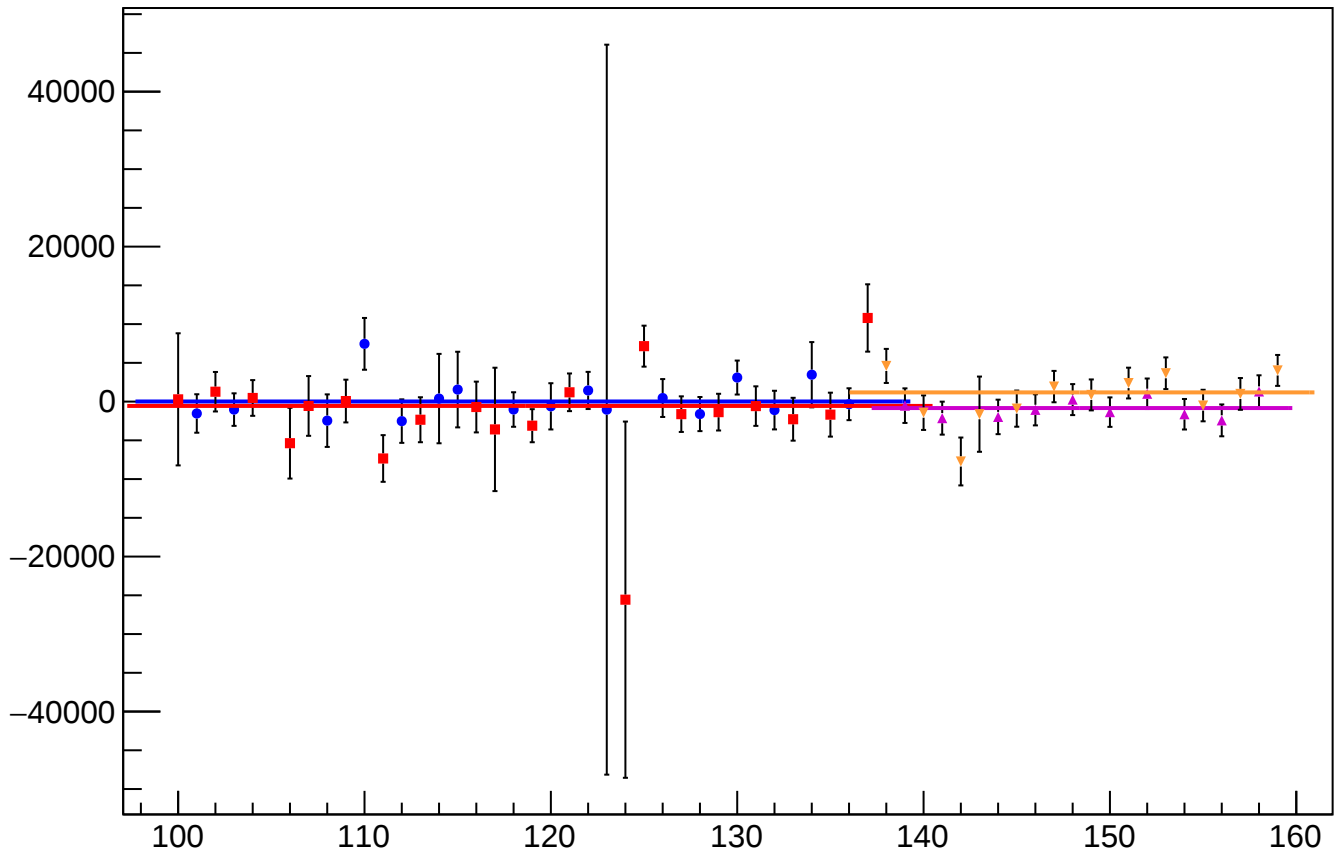
Left In: 5537.748+/-1.387 χ^2/NDF : 374044.5/9

3876.397+/-0.754 χ^2/NDF : 4497044.1/28

3839.238+/-0.532 χ^2/NDF : 9110636.8/58

3802.247+/-0.752 χ^2/NDF : 4608740.9/29

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 14.118 ± 661.101 $\chi^2/\text{NDF}: 11.1/16$

Left Out: 1186.520 ± 638.112 $\chi^2/\text{NDF}: 18.0/11$

Right Out: -558.377 ± 658.875 $\chi^2/\text{NDF}: 26.8/19$

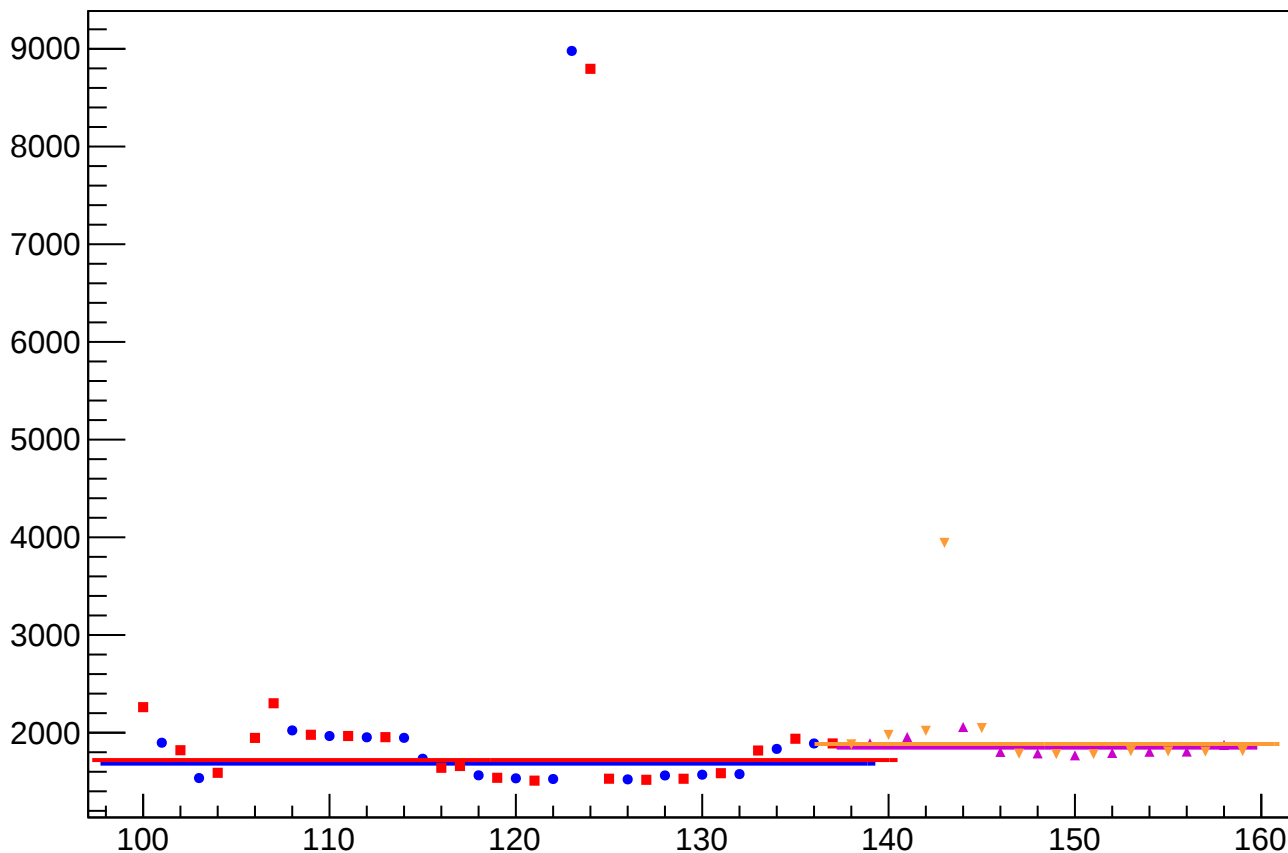
Left In: -833.859 ± 648.151 $\chi^2/\text{NDF}: 3.7/9$

621.058 ± 459.125 $\chi^2/\text{NDF}: 30.7/28$

-34.461 ± 325.682 $\chi^2/\text{NDF}: 65.5/58$

-698.378 ± 462.057 $\chi^2/\text{NDF}: 30.6/29$

reg_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1884.355+/-0.451 χ^2/NDF : 403433.8/11

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

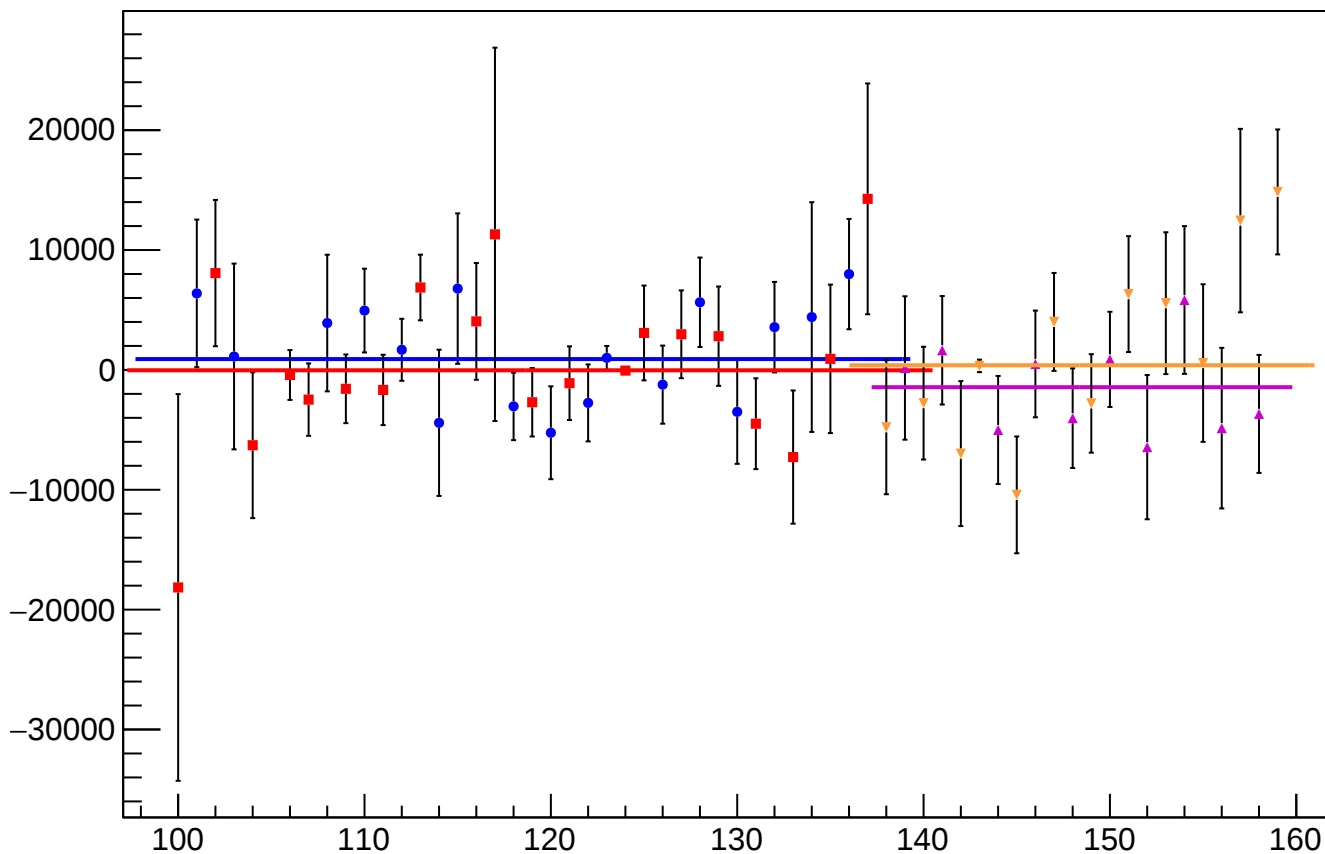
Left In: 1847.233+/-0.458 χ^2/NDF : 33597.8/9

1787.364+/-0.325 χ^2/NDF : 695129.0/28

1785.873+/-0.230 χ^2/NDF : 1163076.4/58

1784.368+/-0.326 χ^2/NDF : 467905.0/29

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 388.981+/-495.224 χ^2/NDF : 21.6/11

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

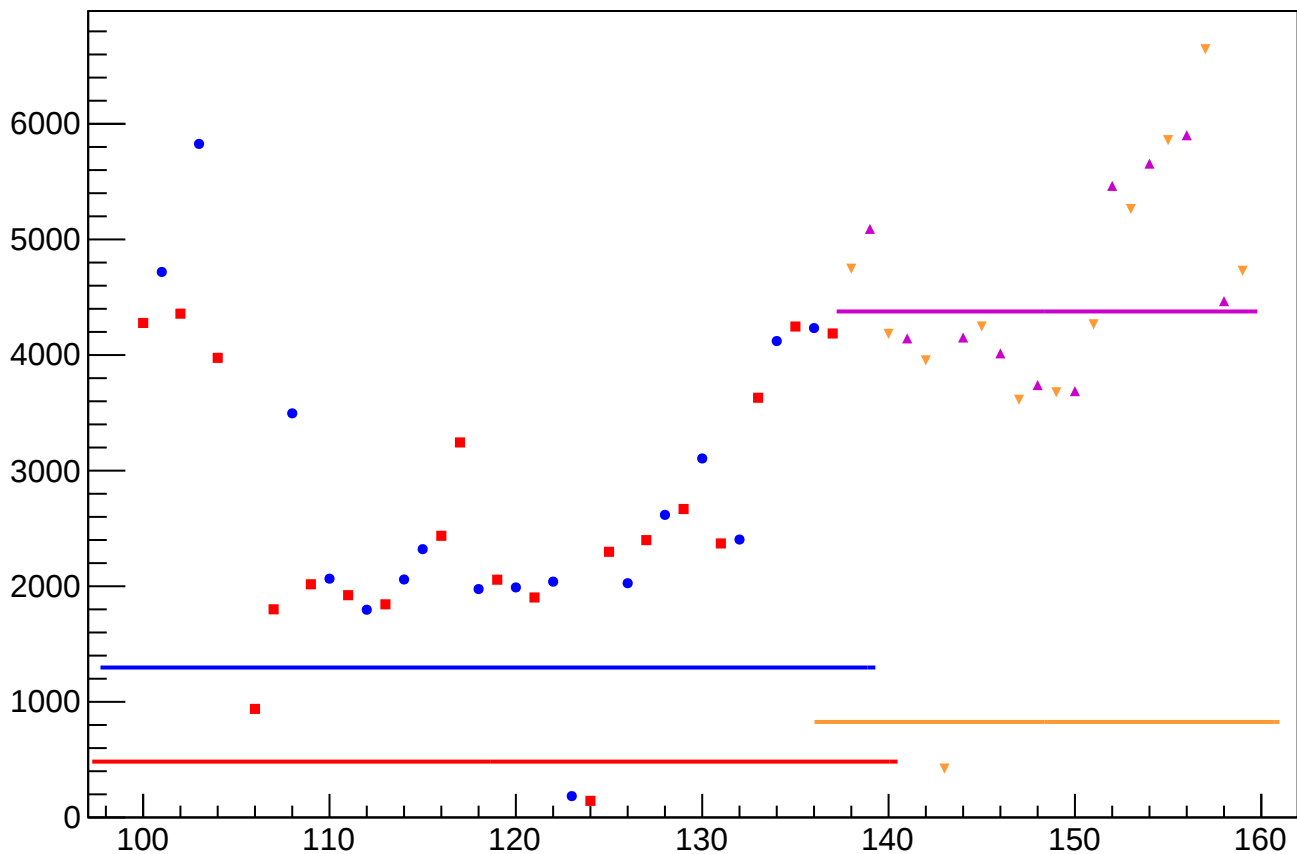
Left In: -1442.144+/-1551.841 χ^2/NDF : 4.6/9

558.744+/-405.344 χ^2/NDF : 37.9/28

177.736+/-264.035 χ^2/NDF : 65.9/58

-103.077+/-347.989 χ^2/NDF : 26.5/29

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 826.085+/-0.350 χ^2/NDF : 12196526.5/11

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

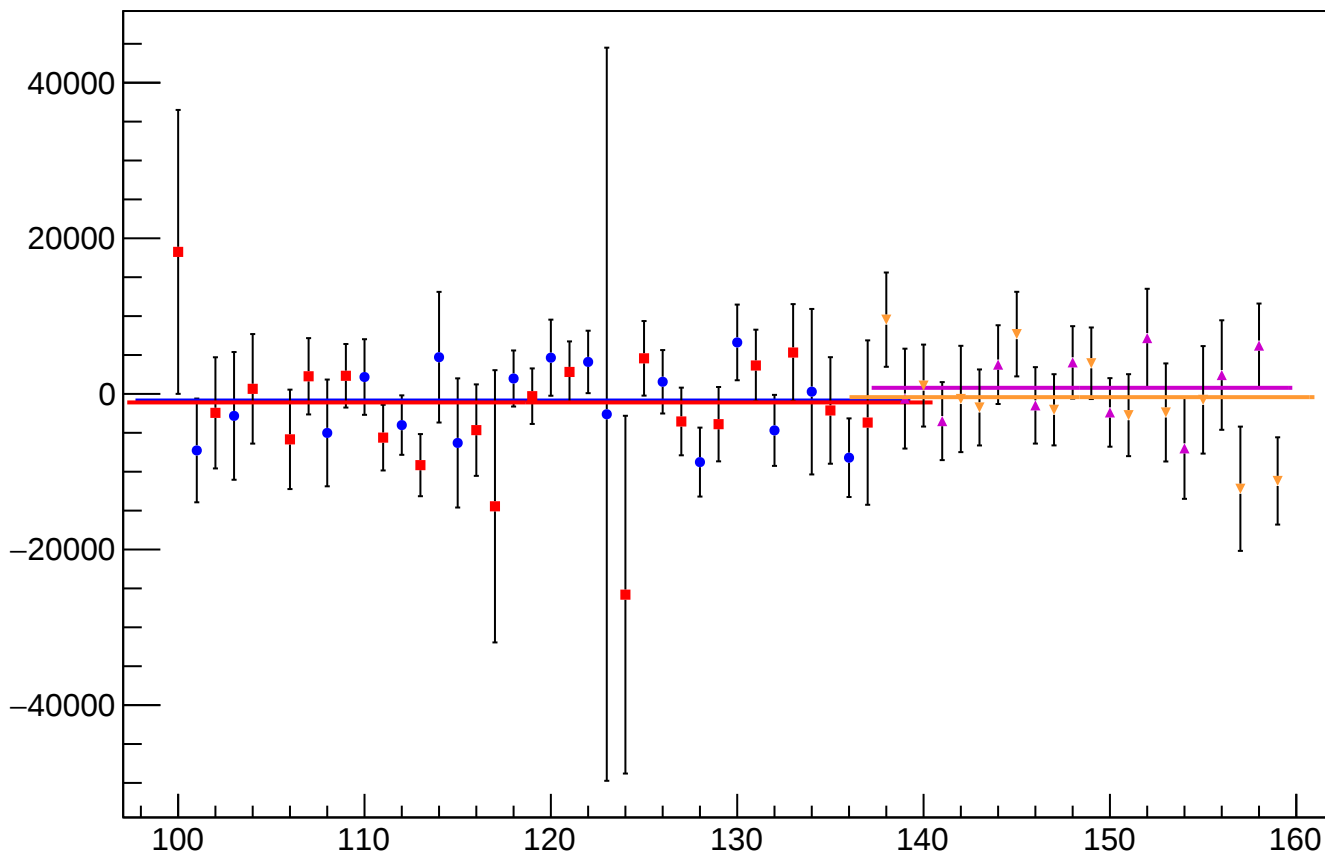
Left In: 4376.969+/-1.097 χ^2/NDF : 414776.2/9

981.510+/-0.287 χ^2/NDF : 19303026.7/28

807.261+/-0.187 χ^2/NDF : 42526203.0/58

678.835+/-0.246 χ^2/NDF : 22581185.6/29

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -416.867 ± 1611.424 χ^2/NDF : 12.3/11

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

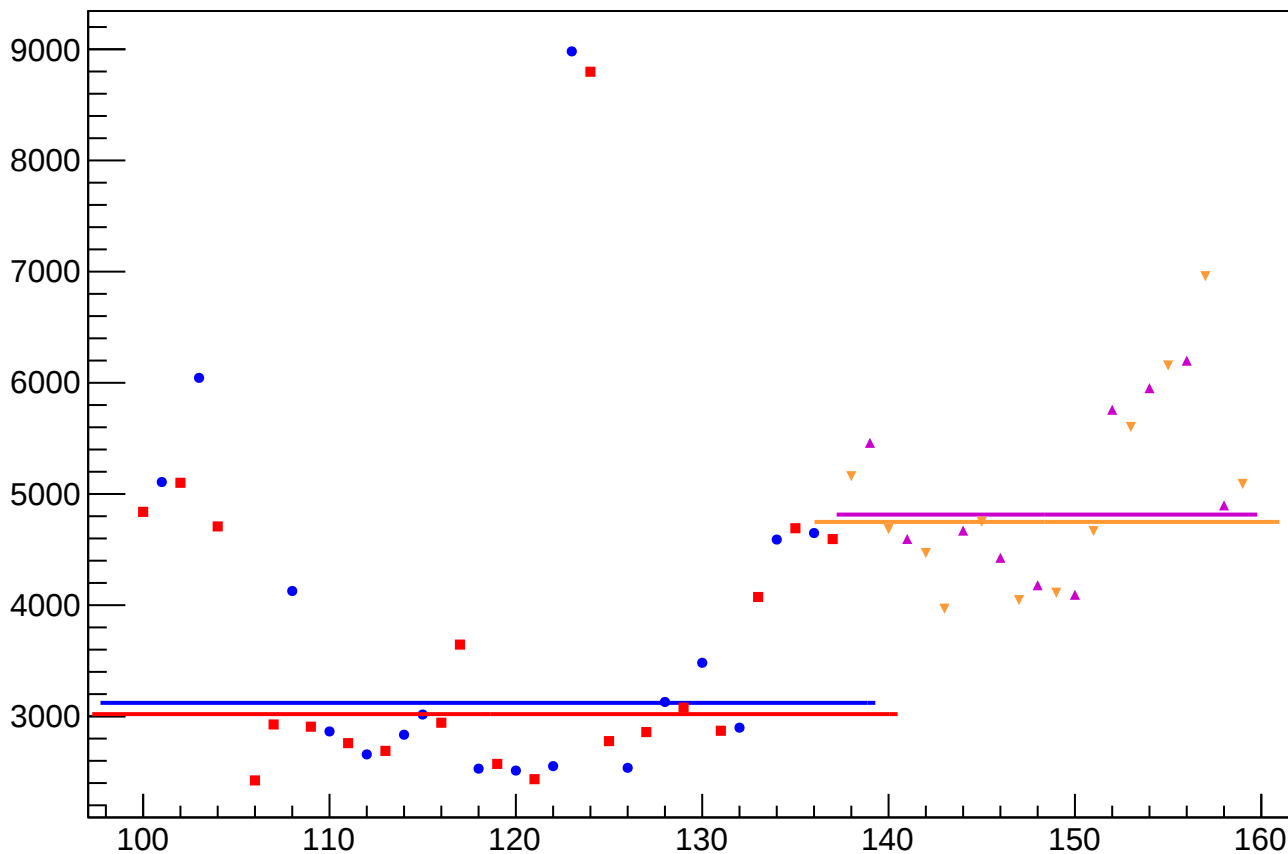
Left In: 783.024 ± 1701.802 χ^2/NDF : 5.9/9

-685.106 ± 993.091 χ^2/NDF : 27.7/28

-580.426 ± 695.412 χ^2/NDF : 50.0/58

-479.711 ± 974.105 χ^2/NDF : 22.3/29

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3121.417 $\pm$ 0.892 χ^2 /NDF: 945708.1/16

Left Out: 4748.756 $\pm$ 1.139 χ^2 /NDF: 430218.0/11

Right Out: 3020.039 $\pm$ 0.830 χ^2 /NDF: 794563.8/19

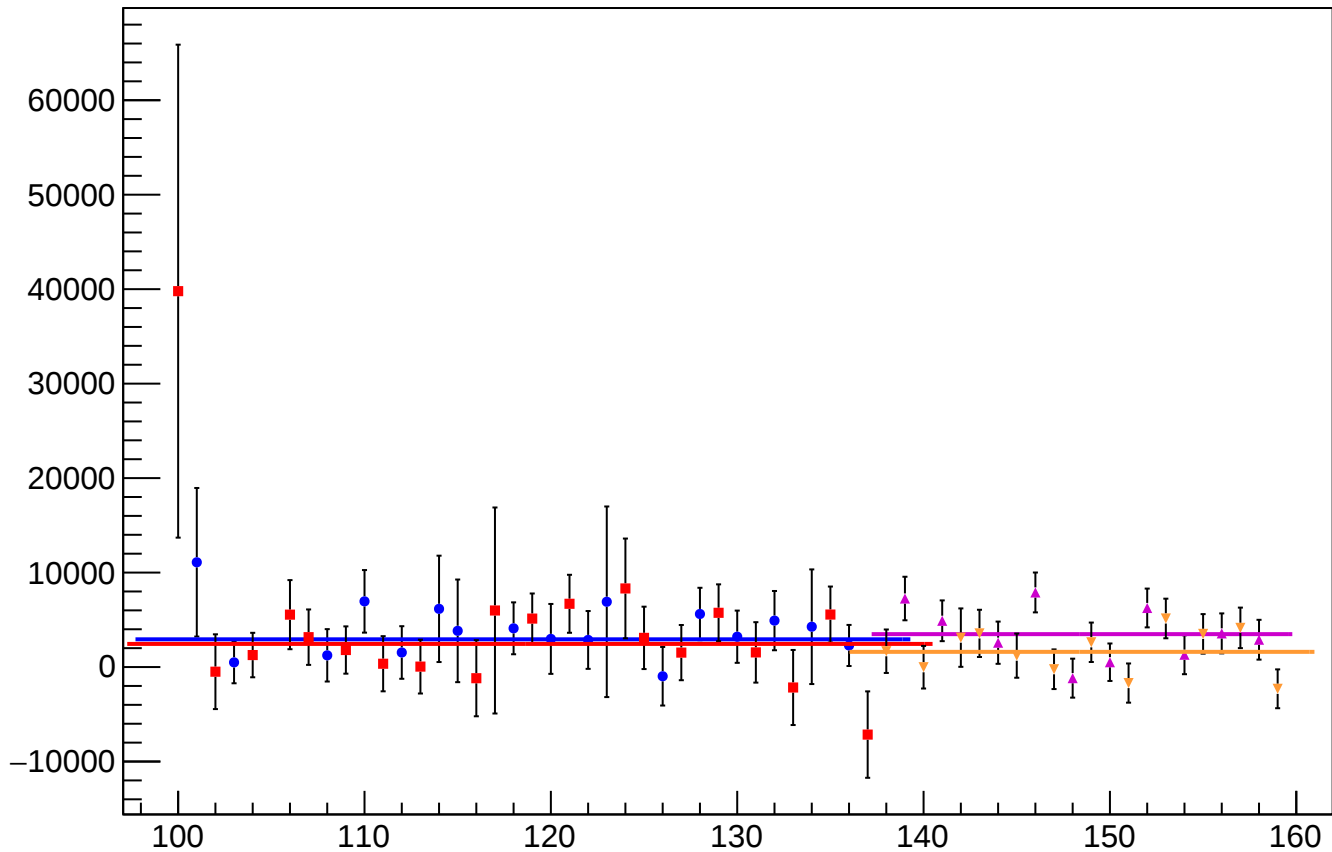
Left In: 4814.762 $\pm$ 1.203 χ^2 /NDF: 312643.4/9

3739.481 $\pm$ 0.702 χ^2 /NDF: 2640948.0/28

3666.905 $\pm$ 0.490 χ^2 /NDF: 5276688.8/58

3598.243 $\pm$ 0.683 χ^2 /NDF: 2614953.3/29

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2935.827 $\pm$ 775.365 χ^2 /NDF: 8.2/16

Left Out: 1609.832 $\pm$ 641.169 χ^2 /NDF:13.6/11

Right Out: 2449.072 $\pm$ 738.715 χ^2 /NDF: 18.3/19

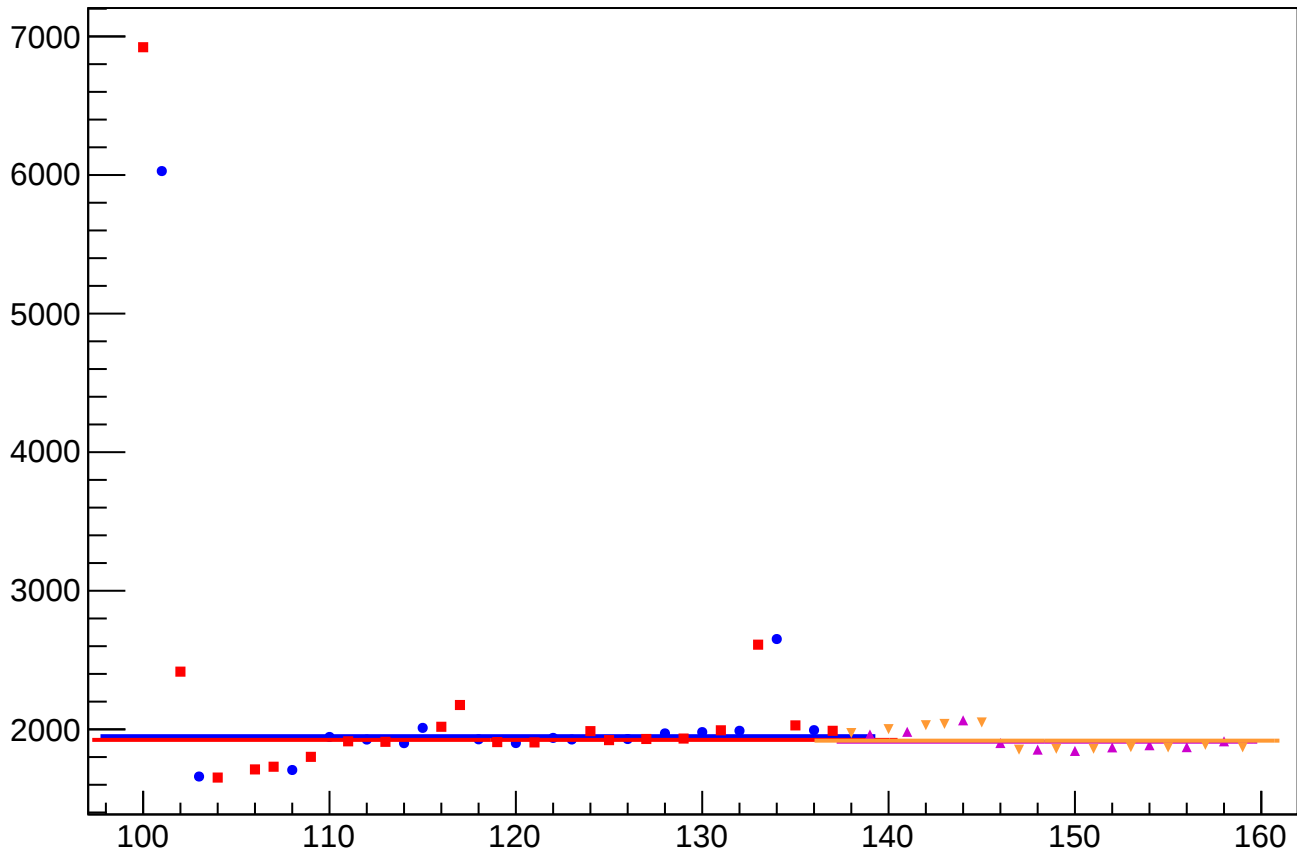
Left In: 3484.372 $\pm$ 668.381 χ^2 /NDF:18.0/9

2148.328 $\pm$ 494.113 χ^2 /NDF: 23.5/28

2582.010 $\pm$ 349.923 χ^2 /NDF: 62.4/58

3018.343 $\pm$ 495.622 χ^2 /NDF: 37.4/29

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1950.615 $\pm$ 0.548 χ^2 /NDF: 617332.2/16

Left Out: 1918.344 $\pm$ 0.453 χ^2 /NDF: 26088.4/11

Right Out: 1923.907 $\pm$ 0.521 χ^2 /NDF: 218470.6/19

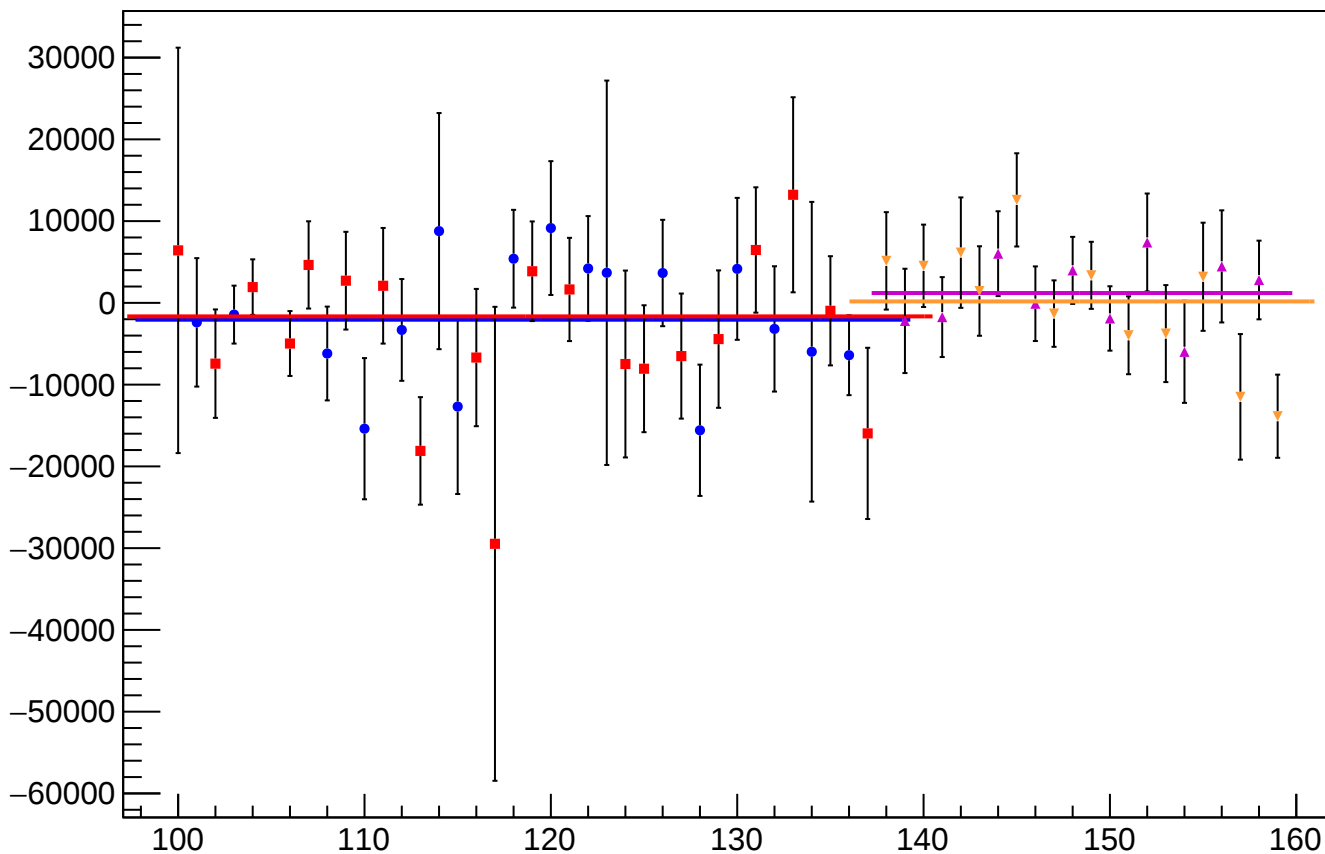
Left In: 1910.737 $\pm$ 0.473 χ^2 /NDF: 18352.4/9

1931.450 $\pm$ 0.349 χ^2 /NDF: 645478.1/28

1924.080 $\pm$ 0.247 χ^2 /NDF: 883543.2/58

1916.681 $\pm$ 0.350 χ^2 /NDF: 237173.5/29

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 177.015 ± 1534.657 χ^2/NDF : 19.1/11

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

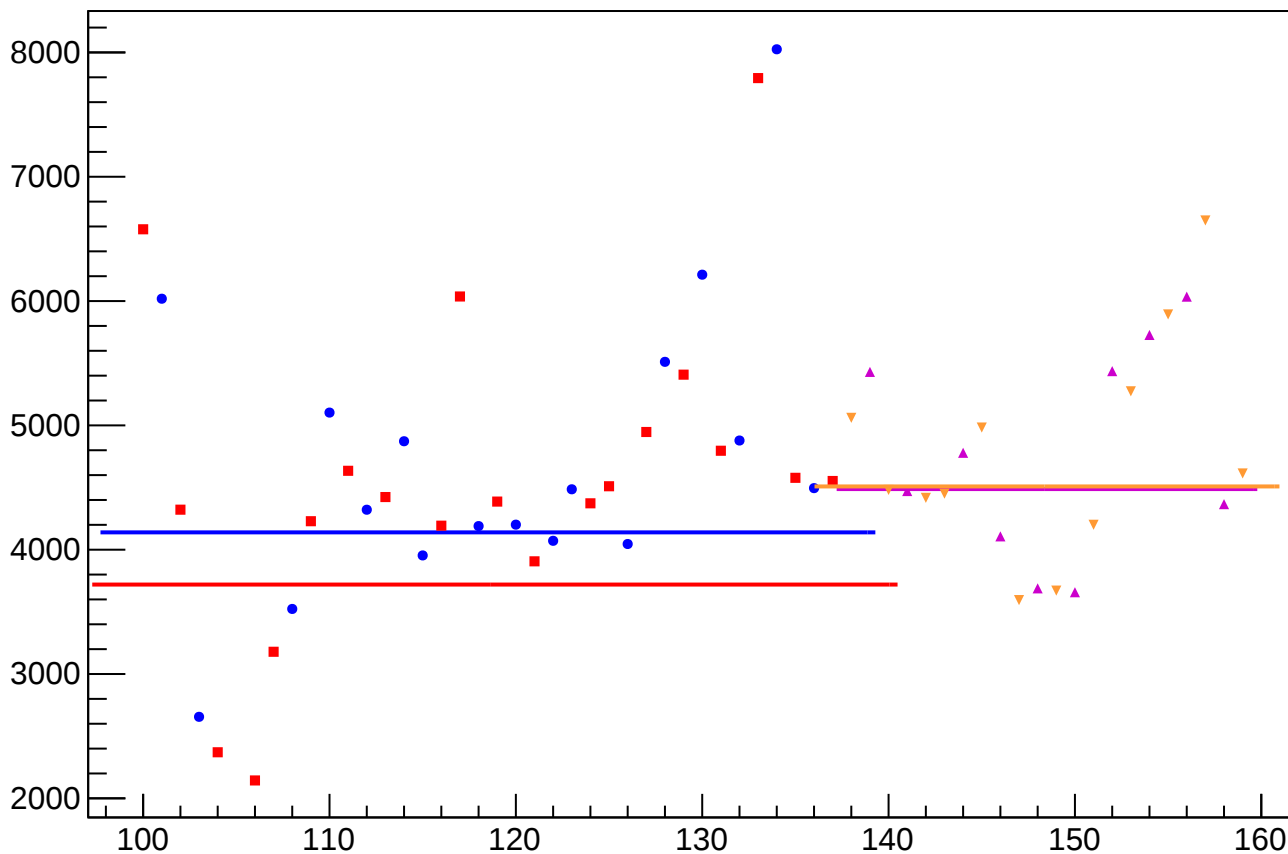
Left In: 1203.414 ± 1593.913 χ^2/NDF : 5.4/9

-851.697 ± 1127.213 χ^2/NDF : 34.0/28

-582.872 ± 780.876 χ^2/NDF : 60.8/58

-334.823 ± 1082.777 χ^2/NDF : 26.7/29

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4508.848+/-1.085 χ^2/NDF : 501631.6/11

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

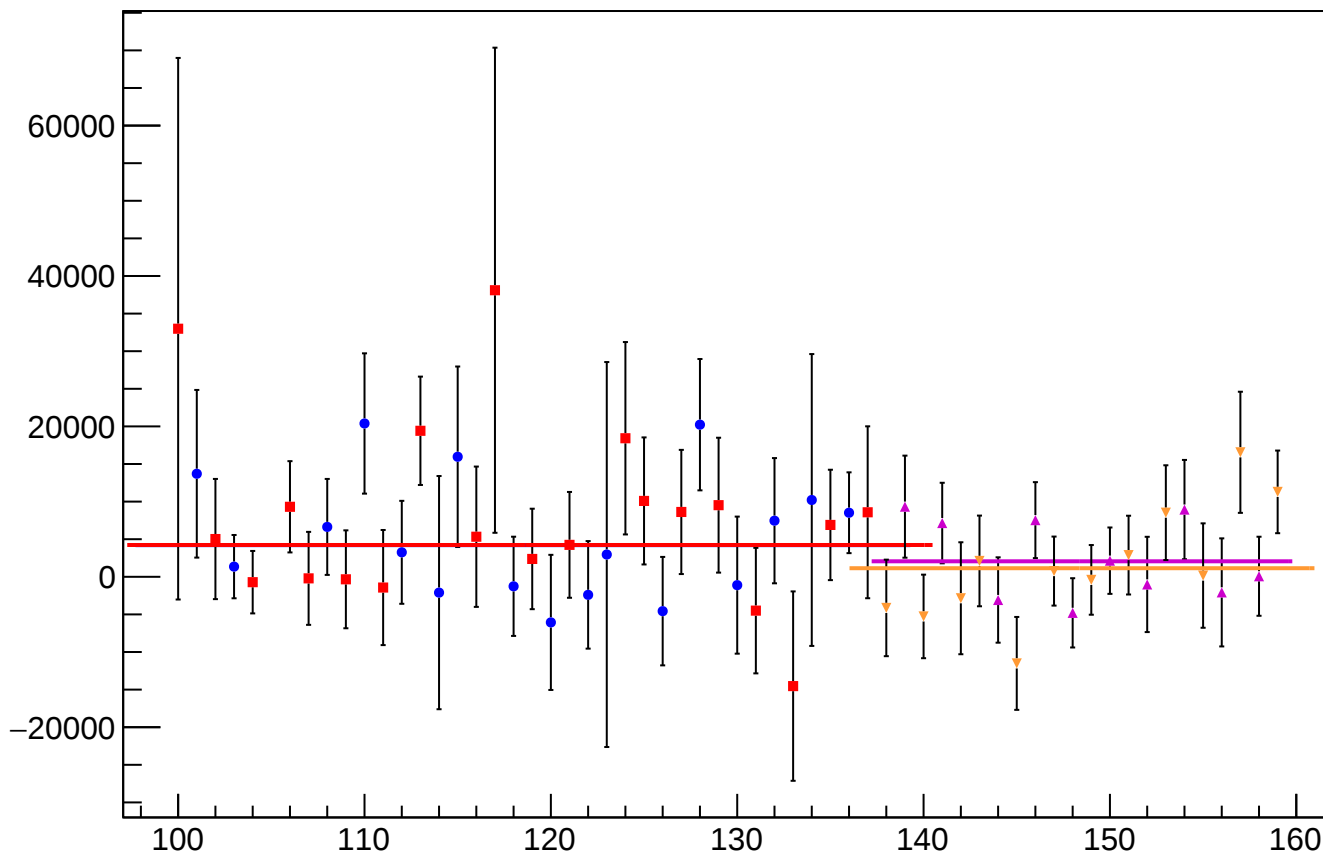
Left In: 4487.760+/-1.127 χ^2/NDF : 460921.9/9

4338.714+/-0.797 χ^2/NDF : 1368560.1/28

4201.067+/-0.552 χ^2/NDF : 3425658.3/58

4074.058+/-0.766 χ^2/NDF : 1999757.2/29

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1141.663+/-1682.055 χ^2/NDF : 15.2/11

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

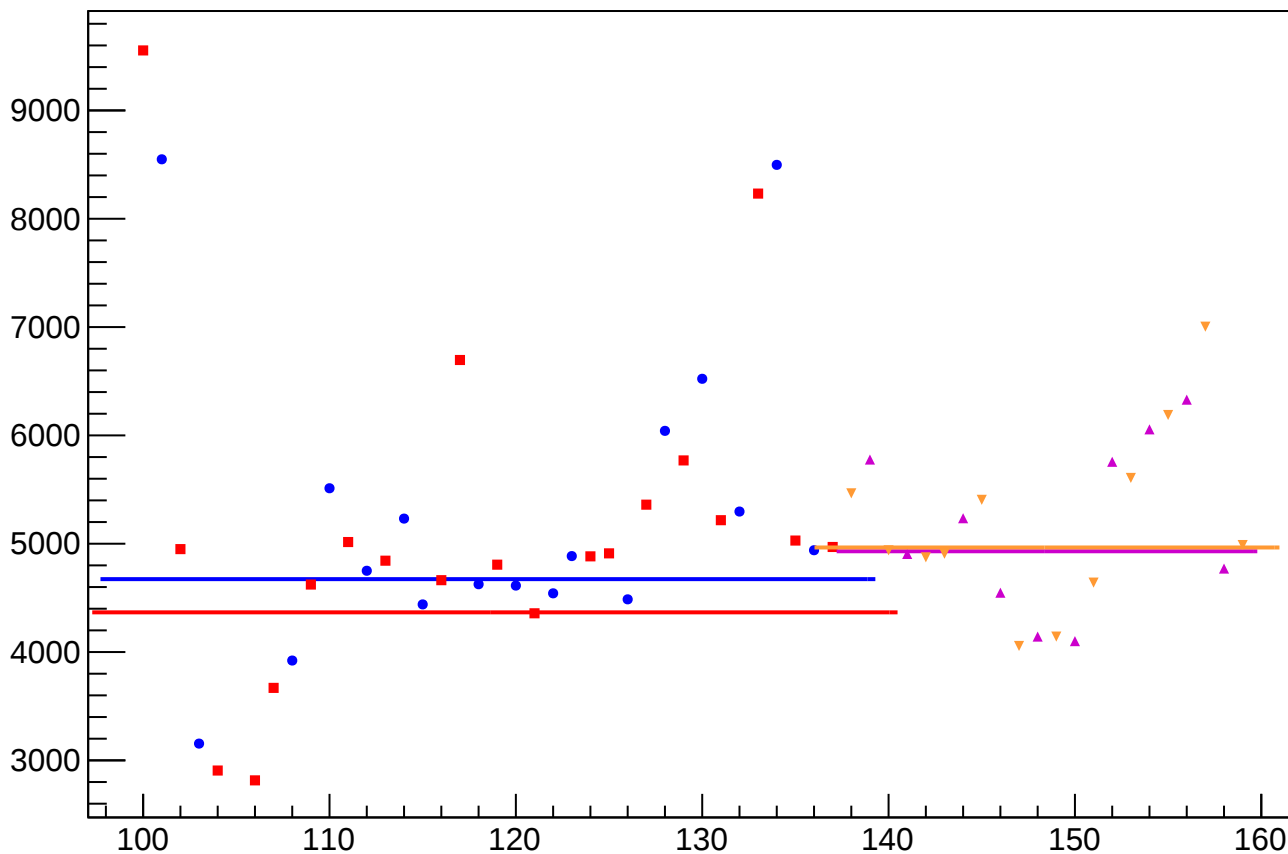
Left In: 2061.772+/-1744.041 χ^2/NDF : 8.1/9

2513.700+/-1250.965 χ^2/NDF : 31.1/28

2843.155+/-875.487 χ^2/NDF : 56.0/58

3159.422+/-1225.672 χ^2/NDF : 24.7/29

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 4965.223 $\pm$ 1.189 χ^2 /NDF: 383044.6/11

Right Out: 4366.422 $\pm$ 1.211 χ^2 /NDF: 842654.3/19

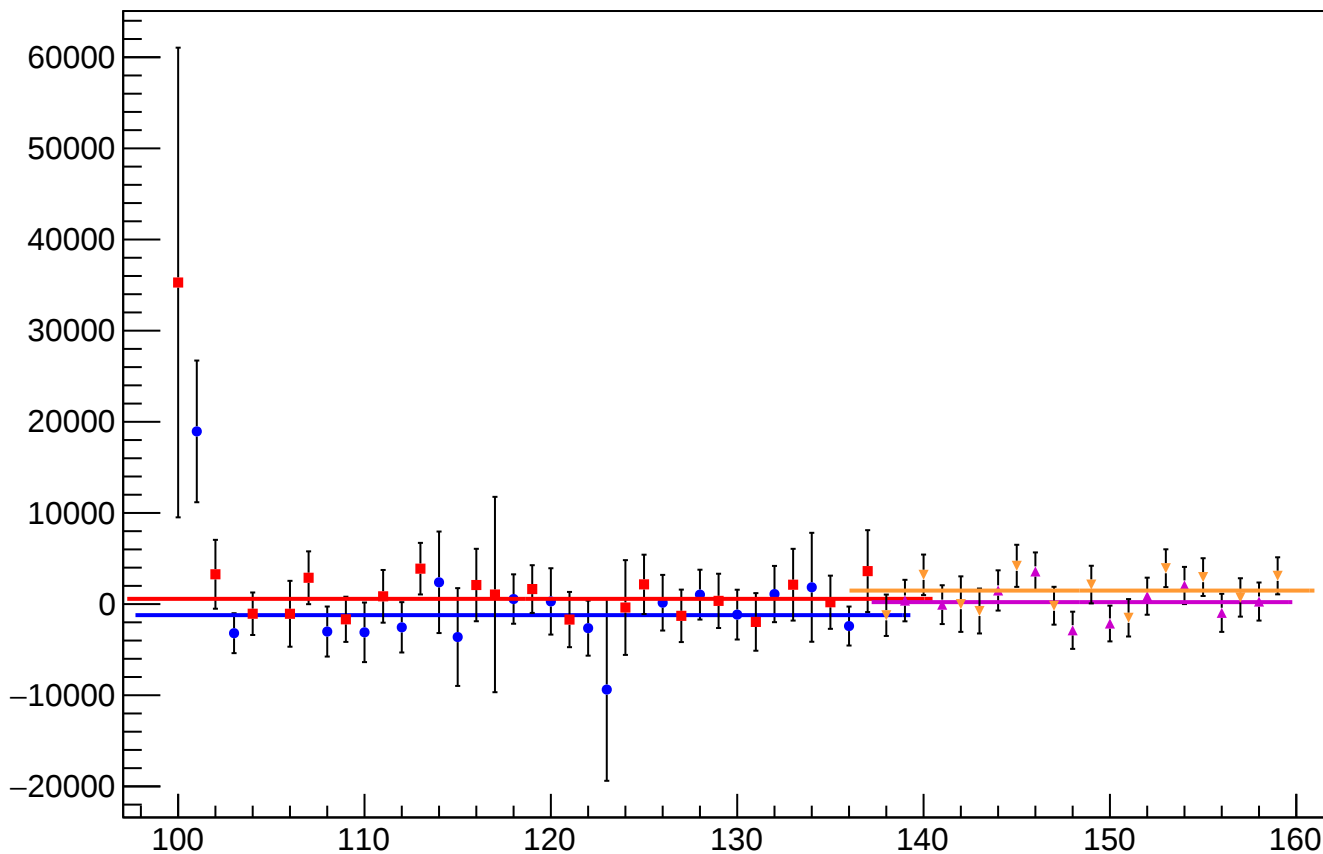
Left In: 4930.330 $\pm$ 1.233 χ^2 /NDF: 347468.7/9

4834.652 $\pm$ 0.885 χ^2 /NDF: 1187333.6/28

4736.745 $\pm$ 0.618 χ^2 /NDF: 2507823.9/58

4643.306 $\pm$ 0.864 χ^2 /NDF: 1296547.7/29

reg_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1483.253 ± 633.474 χ^2/NDF : 10.0/11

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

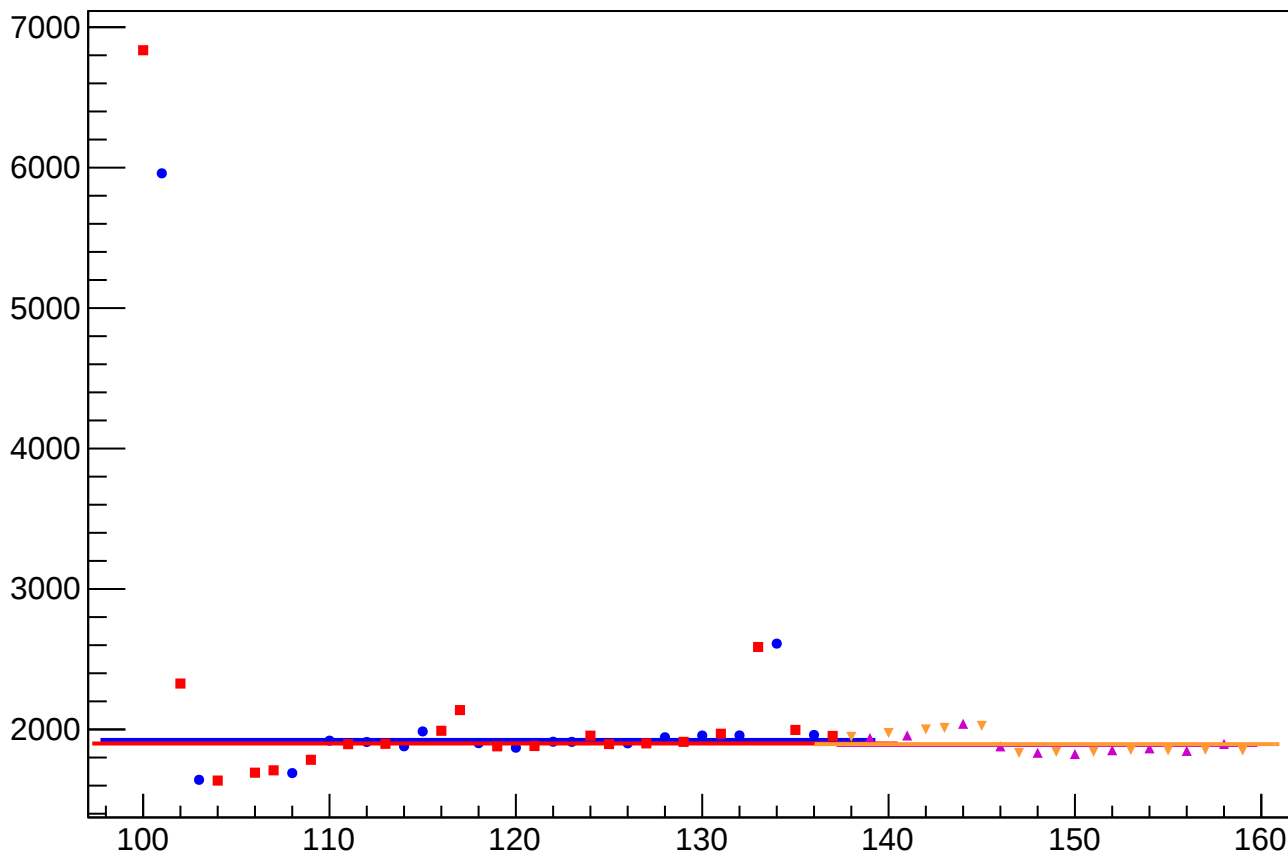
Left In: 216.017 ± 661.010 χ^2/NDF : 7.9/9

387.727 ± 487.985 χ^2/NDF : 30.0/28

383.028 ± 345.653 χ^2/NDF : 46.8/58

378.296 ± 489.674 χ^2/NDF : 16.7/29

reg_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1895.428+/-0.448 χ^2 /NDF: 24798.9/11

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

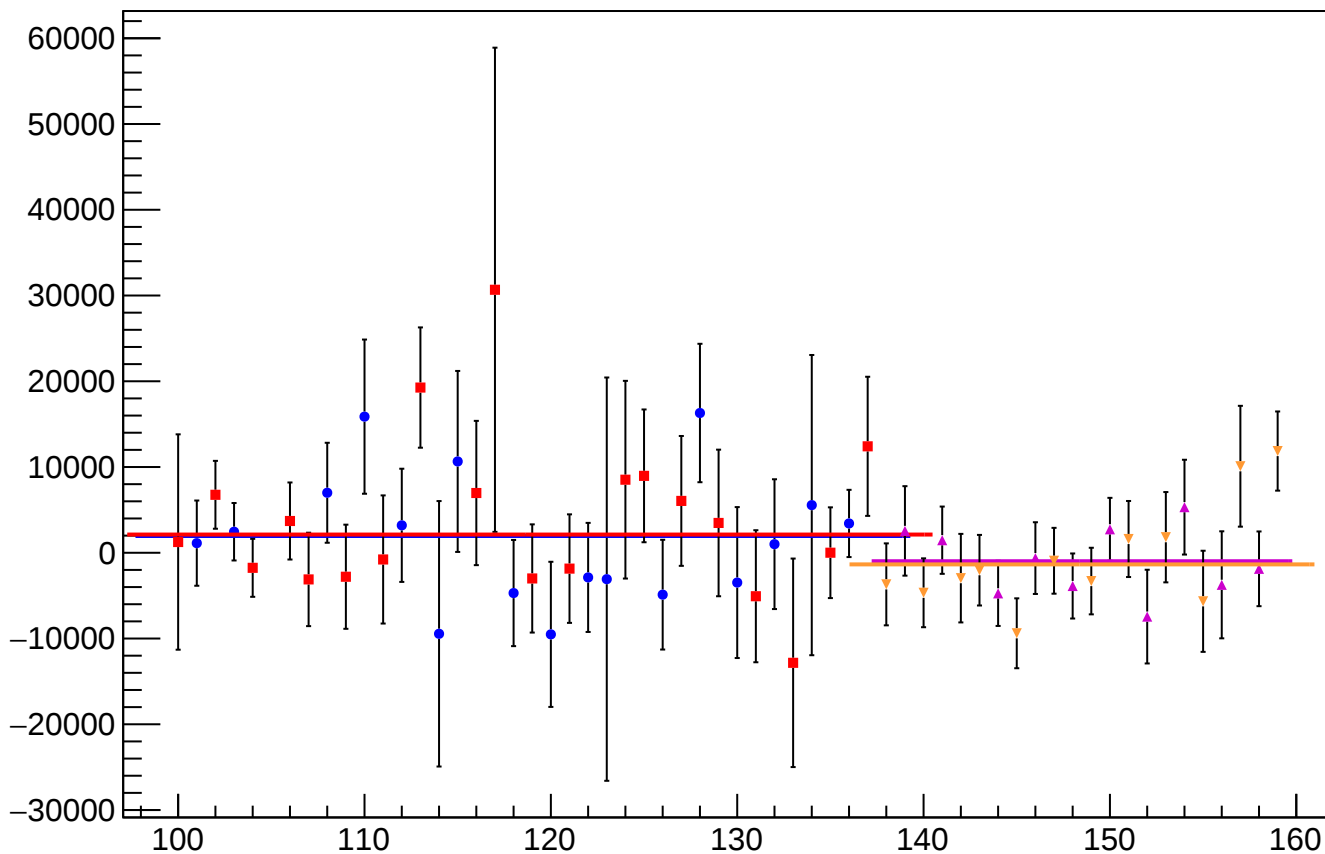
Left In: 1889.707+/-0.467 χ^2 /NDF: 17812.1/9

1907.582+/-0.345 χ^2 /NDF: 642473.3/28

1900.978+/-0.244 χ^2 /NDF: 873102.1/58

1894.342+/-0.346 χ^2 /NDF: 229894.6/29

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 1959.060 $\pm$ 1556.840 χ^2 /NDF: 12.9/16

Left Out: -1354.414 $\pm$ 1313.660 χ^2 /NDF: 17.4/11

Right Out: 2124.415 $\pm$ 1411.872 χ^2 /NDF: 18.5/19

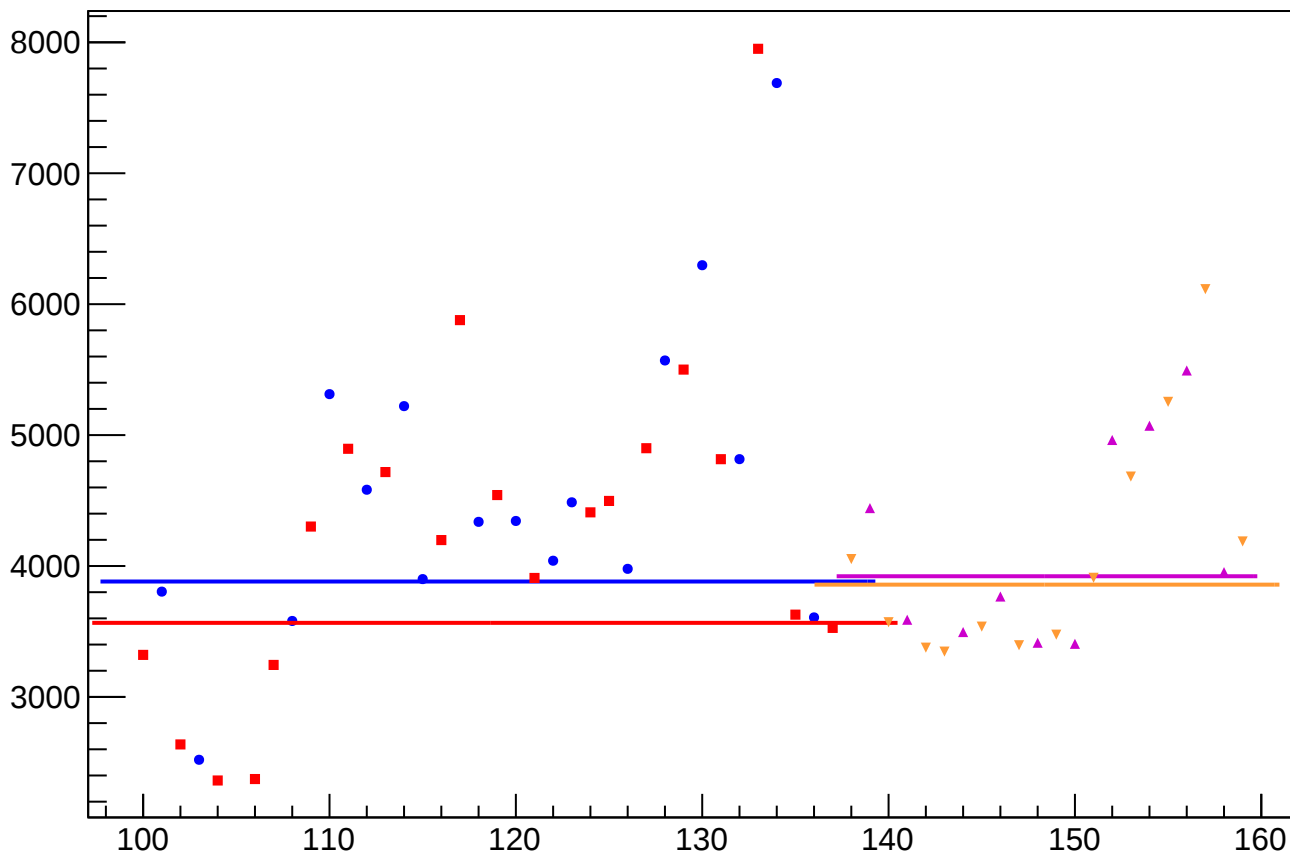
Left In: -986.580 $\pm$ 1391.268 χ^2 /NDF: 6.4/9

23.615 $\pm$ 1003.995 χ^2 /NDF: 33.0/28

288.242 $\pm$ 705.285 χ^2 /NDF: 60.4/58

546.051 $\pm$ 990.979 χ^2 /NDF: 27.3/29

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3857.685+/-0.929 χ^2/NDF : 499705.8/11

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

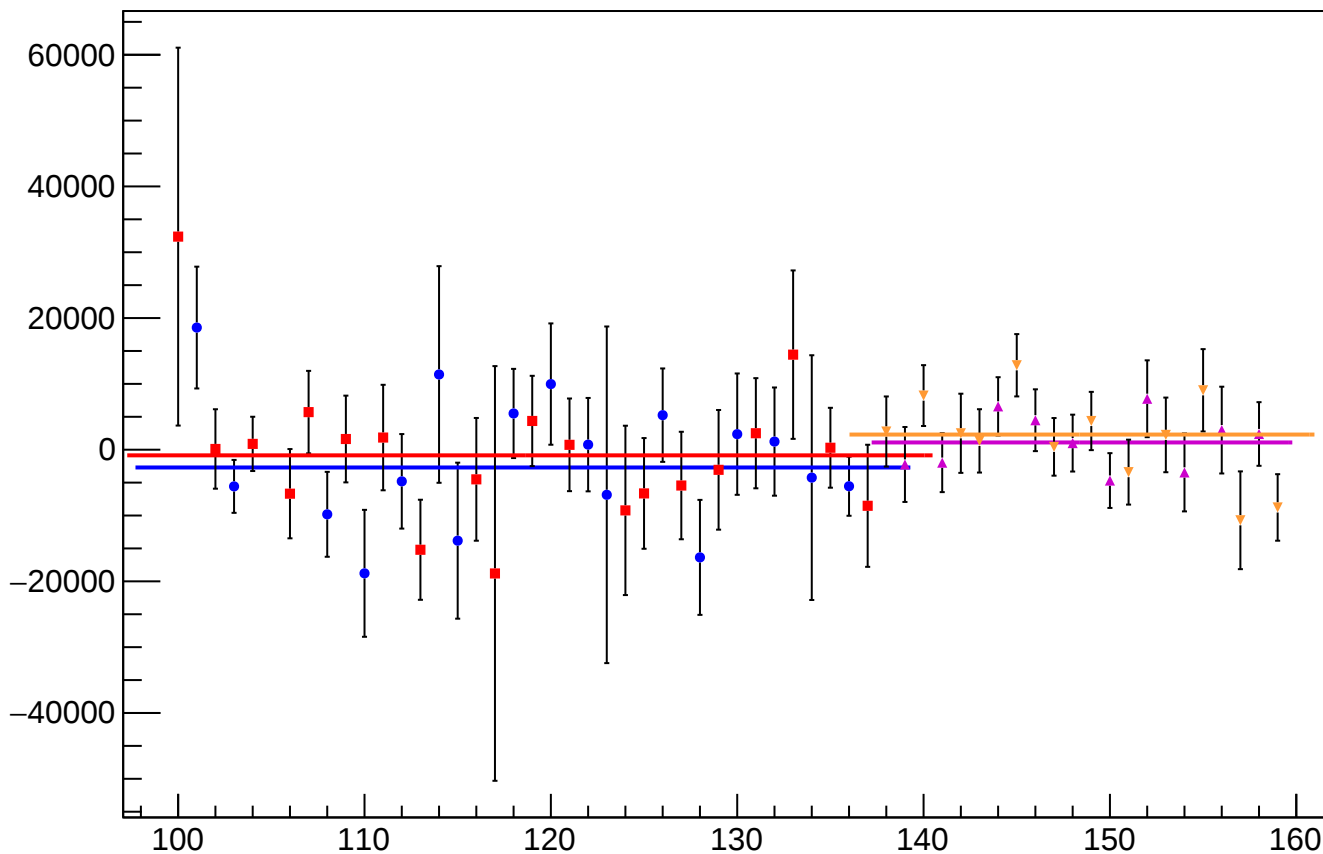
Left In: 3921.810+/-0.984 χ^2/NDF : 423665.8/9

3867.622+/-0.710 χ^2/NDF : 1317447.6/28

3806.244+/-0.499 χ^2/NDF : 3075341.9/58

3746.447+/-0.701 χ^2/NDF : 1743137.6/29

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2700.702 $\pm$ 1809.055 χ^2/NDF : 19.8/16

Left Out: 2301.604 $\pm$ 1481.335 χ^2/NDF : 17.4/11

Right Out: -857.617 $\pm$ 1687.925 χ^2/NDF : 11.9/19

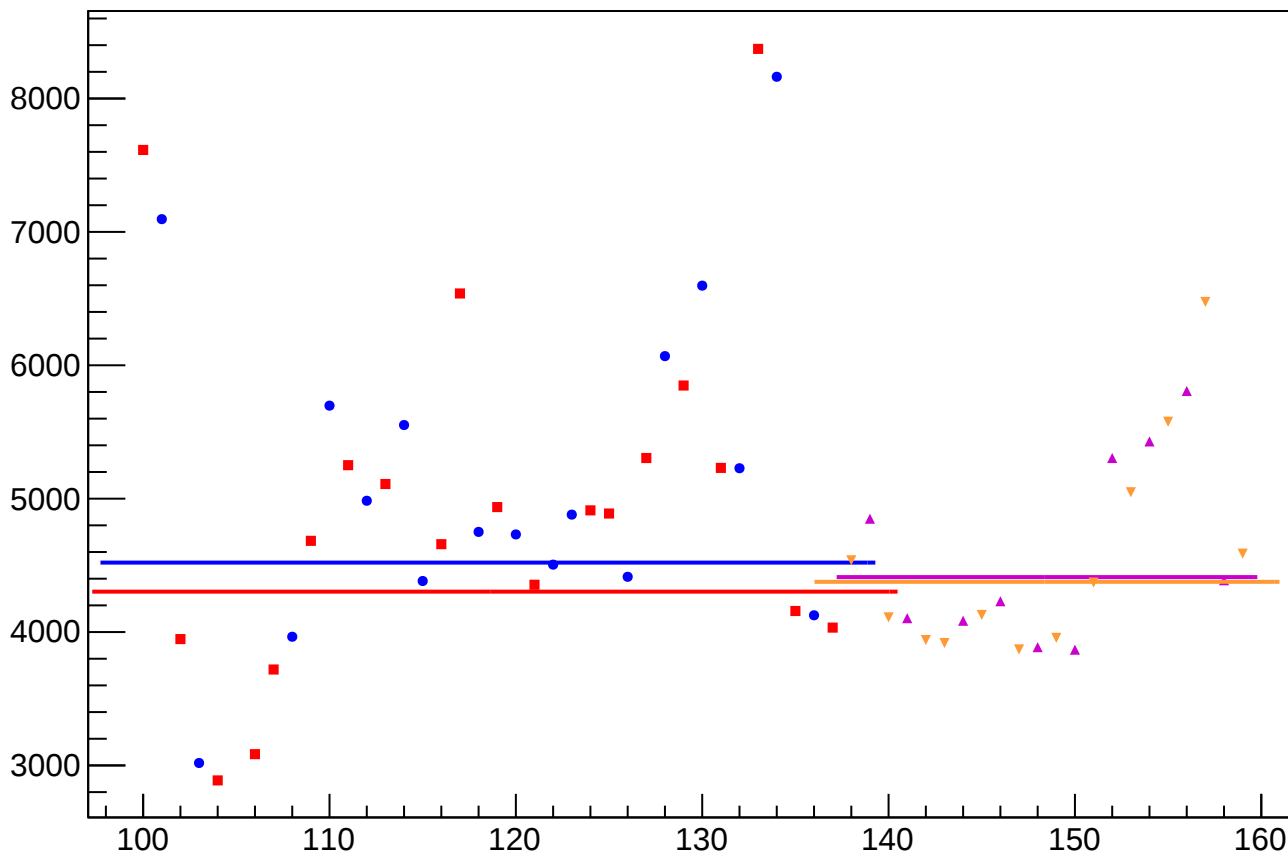
Left In: 1101.301 $\pm$ 1557.897 χ^2/NDF : 6.8/9

293.783 $\pm$ 1146.118 χ^2/NDF : 41.7/28

246.934 $\pm$ 809.965 χ^2/NDF : 61.2/58

200.191 $\pm$ 1144.812 χ^2/NDF : 19.4/29

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4376.590+/-1.047 χ^2/NDF : 352328.7/11

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

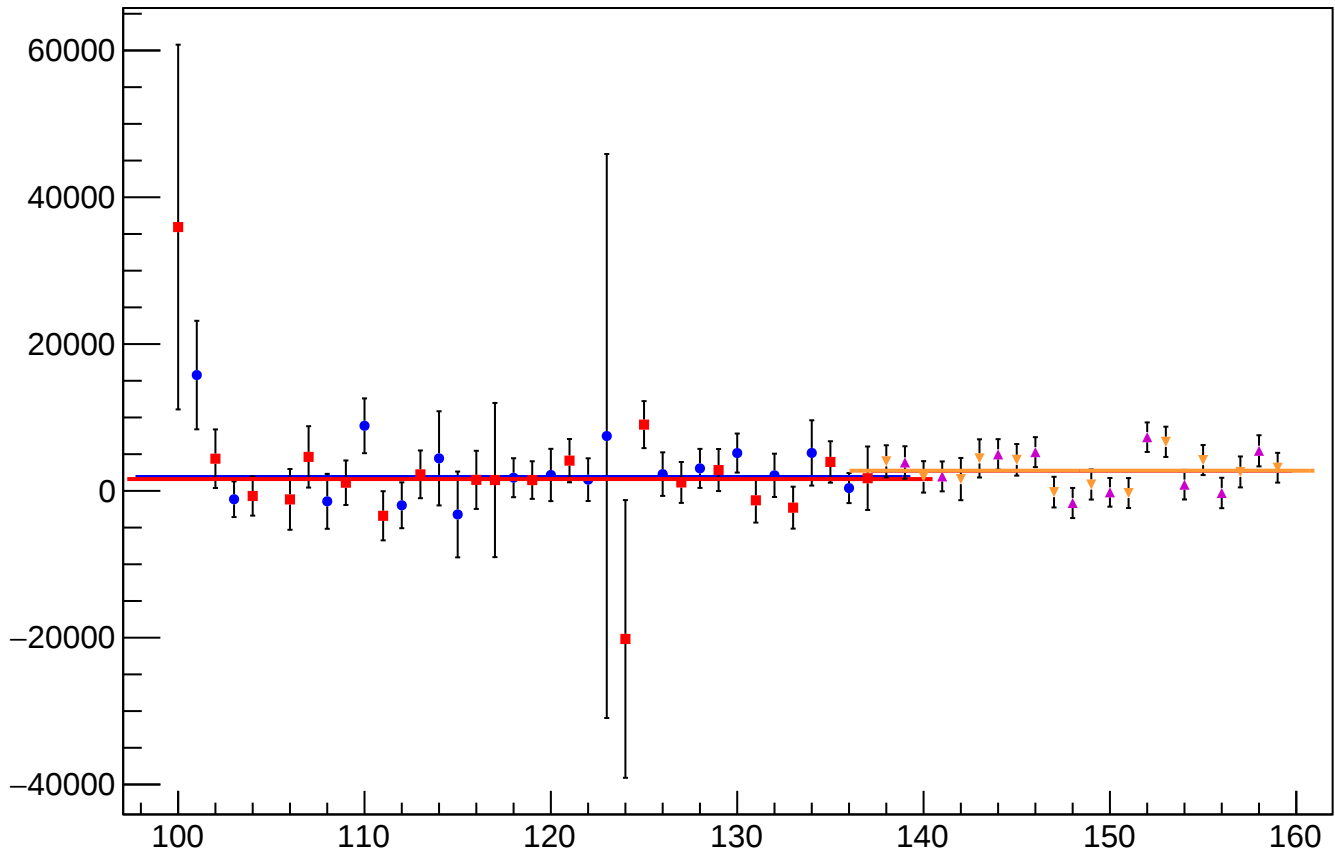
Left In: 4412.109+/-1.102 χ^2/NDF : 294414.2/9

4434.427+/-0.810 χ^2/NDF : 1130811.8/28

4397.862+/-0.572 χ^2/NDF : 2215717.0/58

4361.568+/-0.807 χ^2/NDF : 1080849.0/29

reg_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2747.462+/-624.880 χ^2/NDF : 10.7/11

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

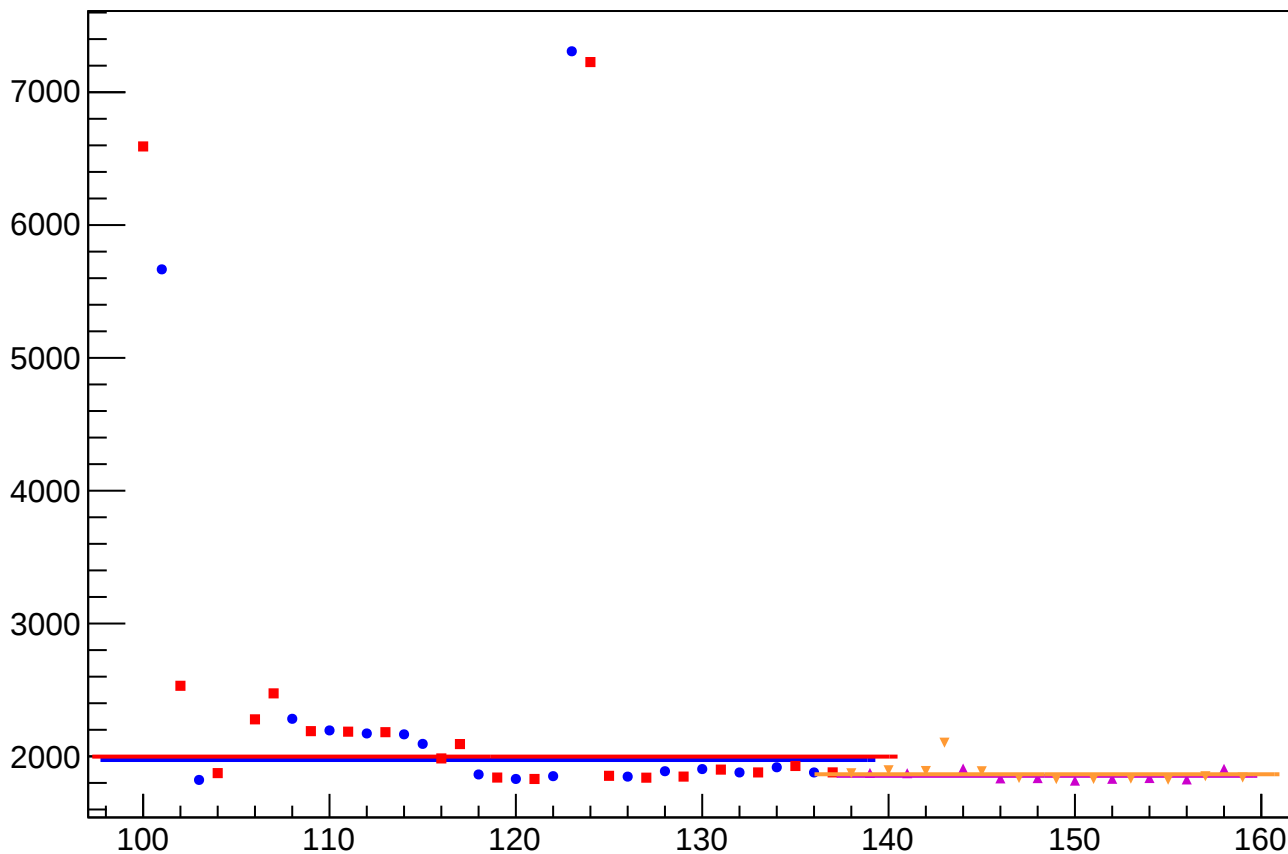
Left In: 2710.968+/-649.973 χ^2/NDF : 19.8/9

2413.454+/-488.612 χ^2/NDF : 26.1/28

2331.999+/-347.739 χ^2/NDF : 64.7/58

2248.399+/-495.006 χ^2/NDF : 38.5/29

reg_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1865.246+/-0.442 χ^2/NDF : 20847.2/11

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

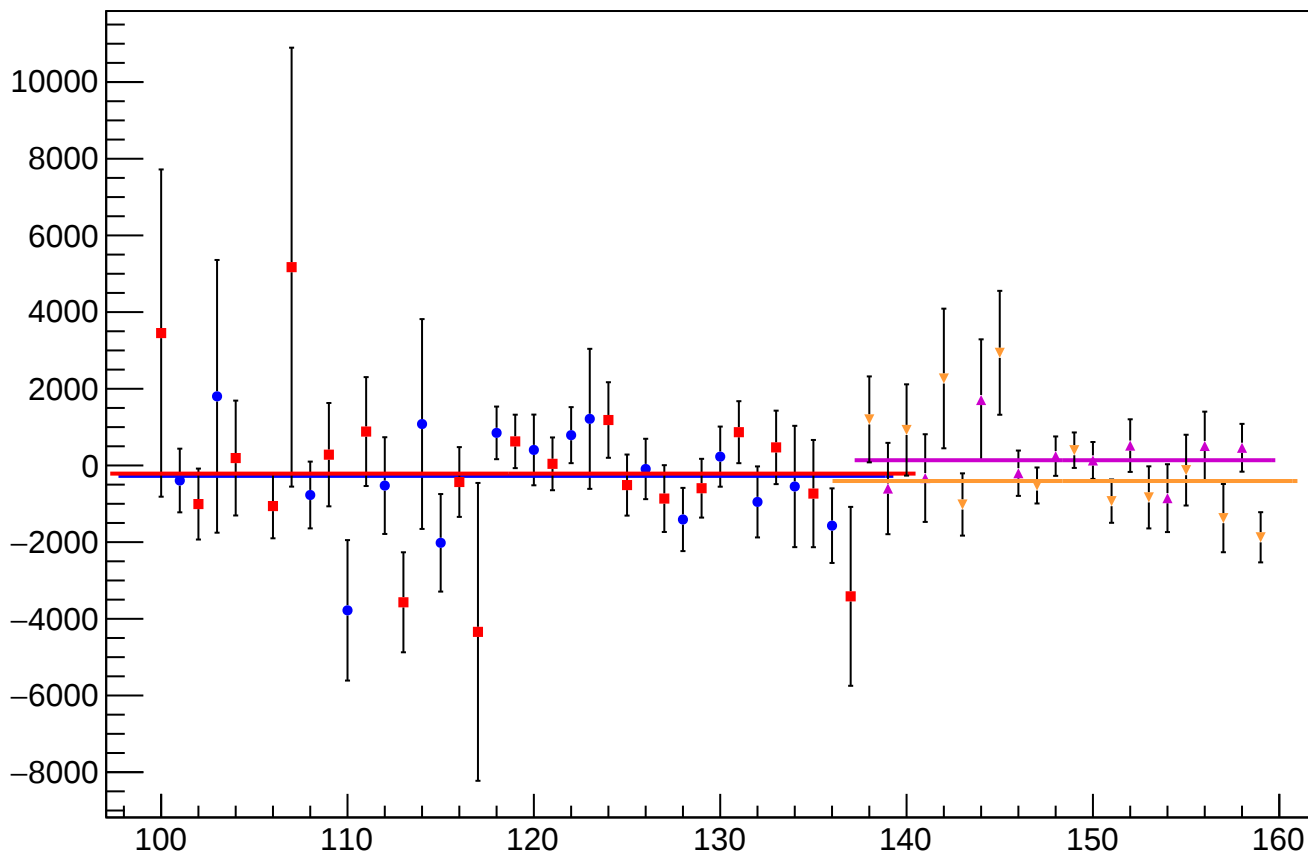
Left In: 1853.403+/-0.460 χ^2/NDF : 4747.3/9

1906.917+/-0.346 χ^2/NDF : 644605.5/28

1910.510+/-0.246 χ^2/NDF : 1046965.3/58

1914.196+/-0.350 χ^2/NDF : 402140.8/29

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -271.773 ± 240.214 $\chi^2/\text{NDF}: 17.2/16$

Left Out: -405.864 ± 211.583 $\chi^2/\text{NDF}: 20.8/11$

Right Out: -122.774 ± 228.638 $\chi^2/\text{NDF}: 20.9/19$

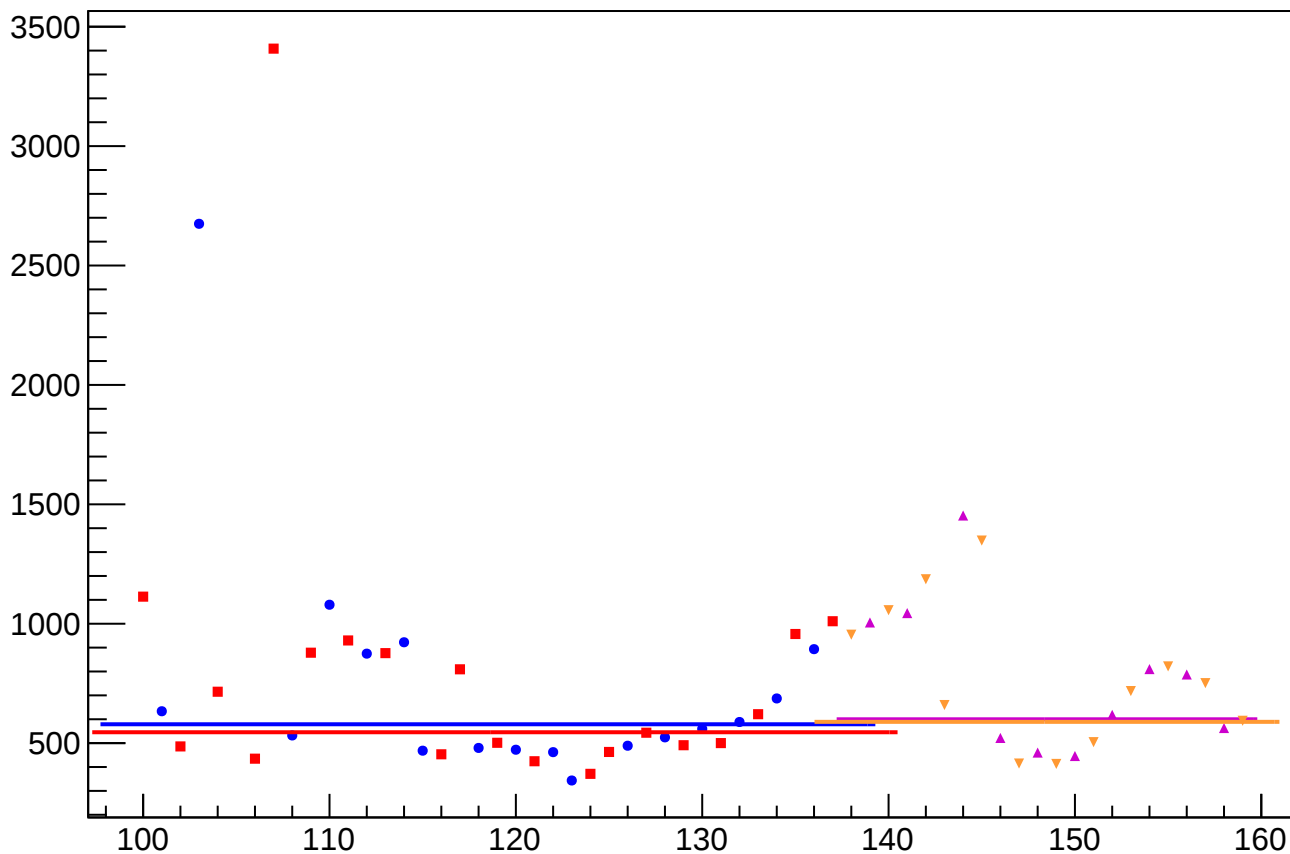
Left In: 136.506 ± 223.315 $\chi^2/\text{NDF}: 3.9/9$

-347.282 ± 158.774 $\chi^2/\text{NDF}: 38.2/28$

-191.617 ± 112.616 $\chi^2/\text{NDF}: 66.1/58$

-34.020 ± 159.756 $\chi^2/\text{NDF}: 26.0/29$

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 579.010+/-0.170 χ^2/NDF : 1422148.6/16

Left Out: 589.156+/-0.150 χ^2/NDF : 2047800.4/11

Right Out: 545.590+/-0.162 χ^2/NDF : 1467038.8/19

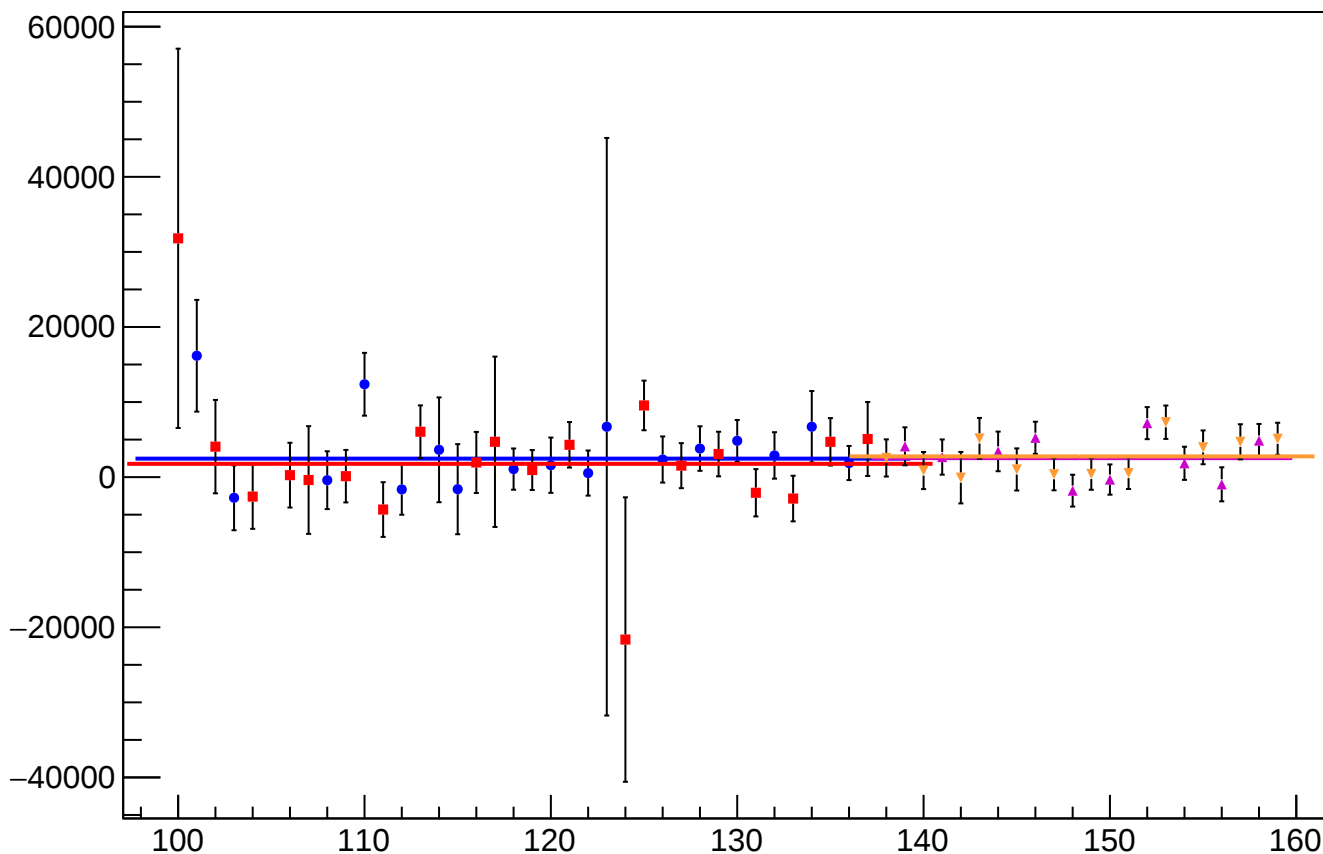
Left In: 599.822+/-0.158 χ^2/NDF : 1710481.9/9

584.723+/-0.112 χ^2/NDF : 3471957.9/28

579.069+/-0.080 χ^2/NDF : 6712170.8/58

573.345+/-0.113 χ^2/NDF : 3235108.8/29

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2464.076 $\pm$ 863.197 χ^2/NDF : 15.5/16

Left Out: 2764.420 $\pm$ 683.471 χ^2/NDF : 12.4/11

Right Out: 1773.396 $\pm$ 850.889 χ^2/NDF : 20.5/19

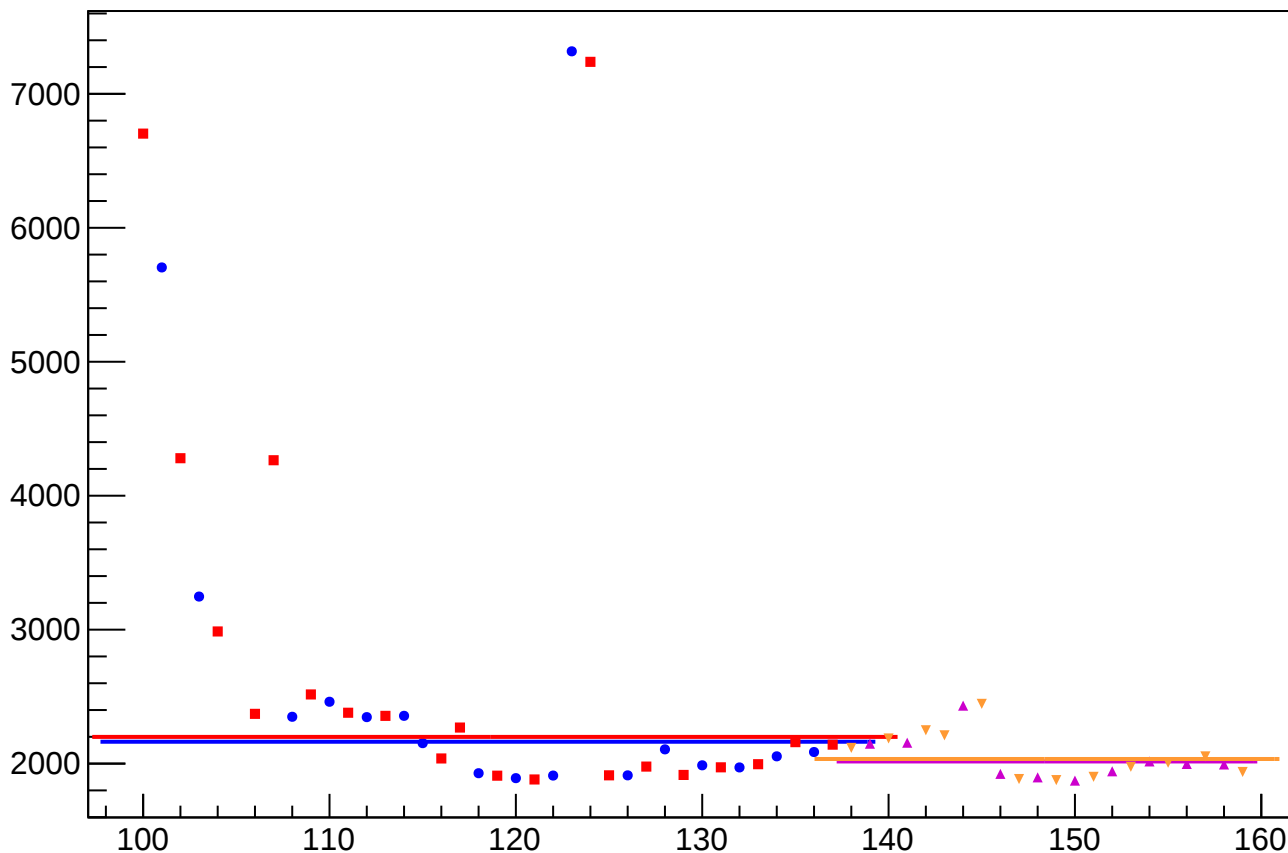
Left In: 2532.331 $\pm$ 708.755 χ^2/NDF : 16.6/9

2648.684 $\pm$ 535.840 χ^2/NDF : 28.0/28

2438.527 $\pm$ 381.949 χ^2/NDF : 65.9/58

2221.457 $\pm$ 544.581 χ^2/NDF : 37.7/29

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2034.491 +/- 0.483 χ^2/NDF : 103990.4/11

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

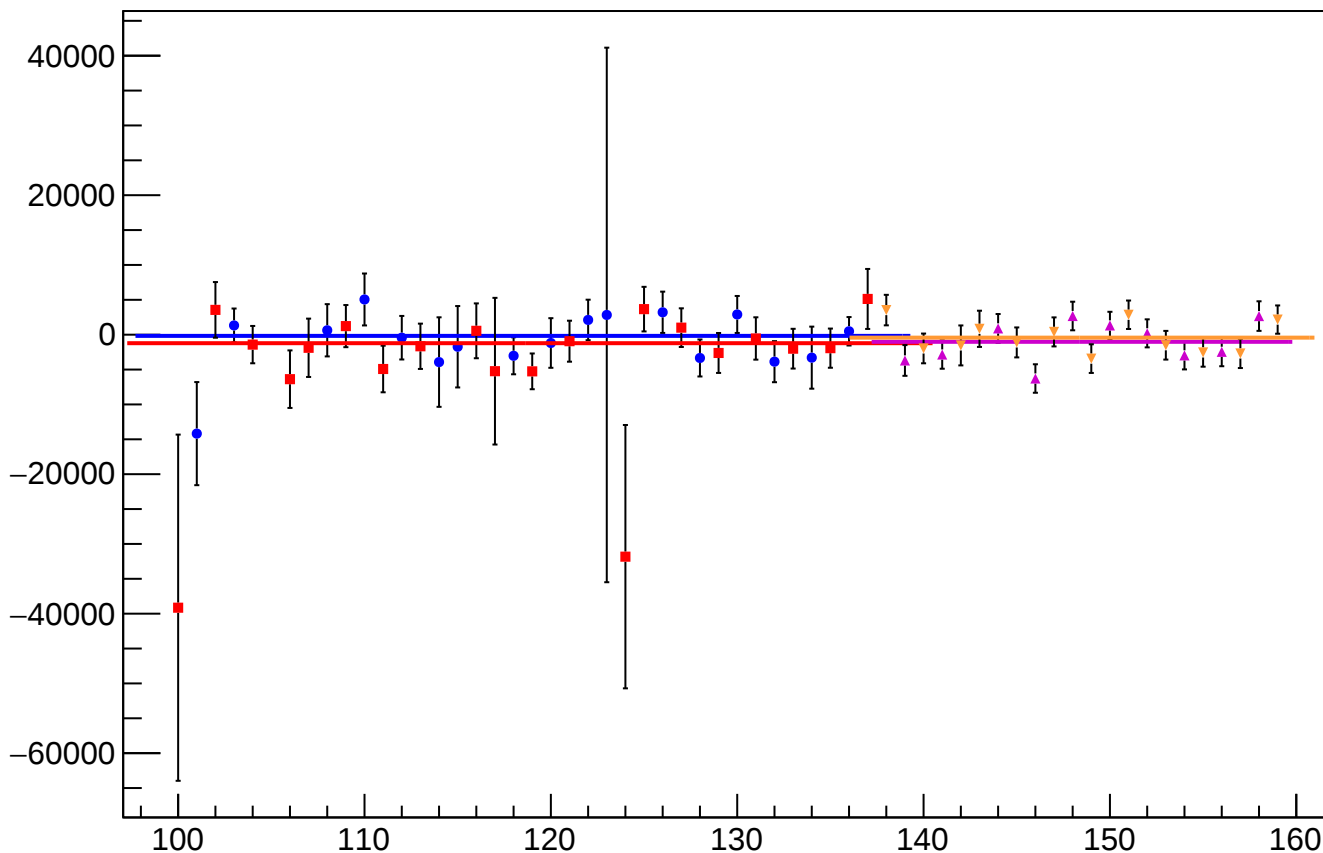
Left In: 2016.024 +/- 0.501 χ^2/NDF : 85198.4/9

2084.128 +/- 0.379 χ^2/NDF : 840949.5/28

2087.576 +/- 0.270 χ^2/NDF : 1784529.0/58

2091.138 +/- 0.385 χ^2/NDF : 943411.1/29

reg_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -423.271+/-623.523 χ^2/NDF : 13.3/11

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

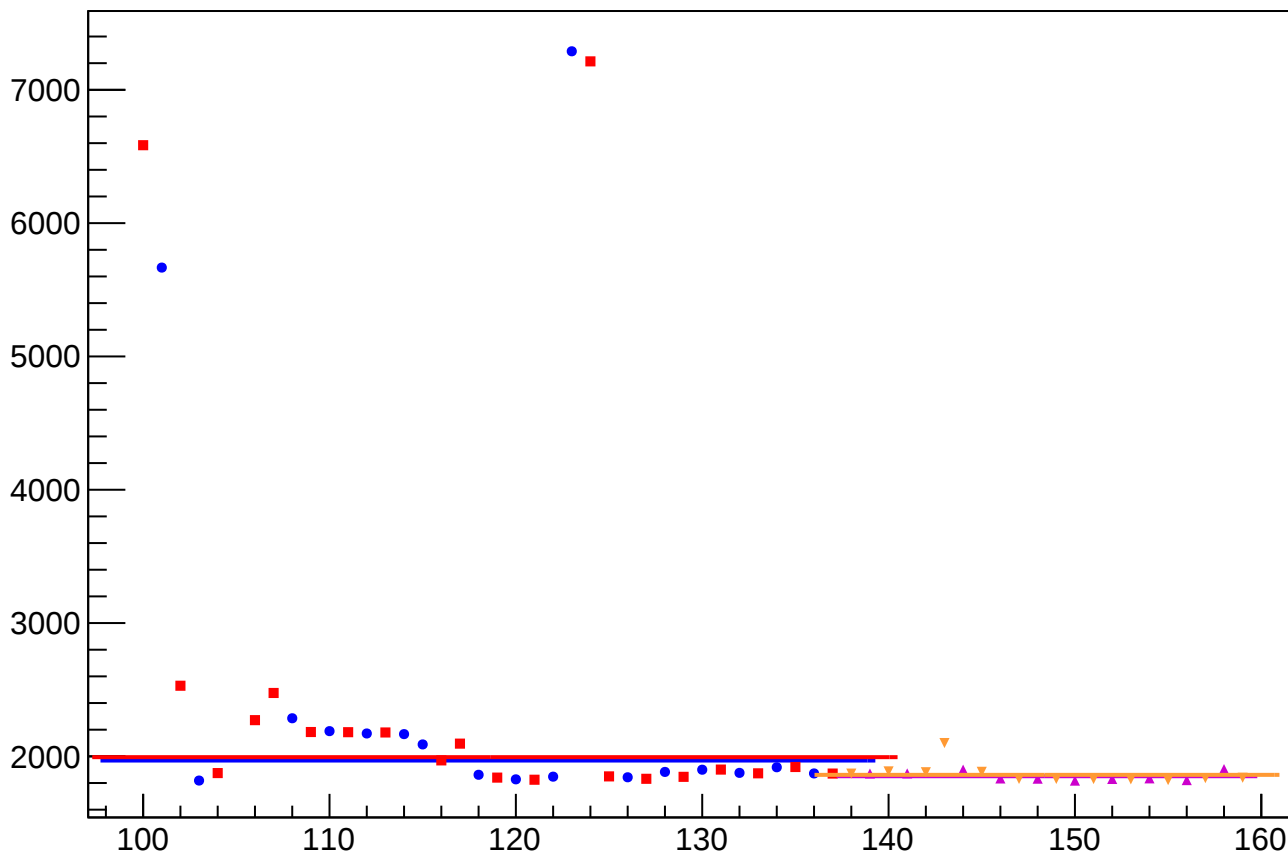
Left In: -1021.341+/-649.101 χ^2/NDF : 19.3/9

-325.030+/-487.614 χ^2/NDF : 27.9/28

-709.454+/-347.098 χ^2/NDF : 66.8/58

-1104.322+/-494.193 χ^2/NDF : 37.7/29

reg_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1861.232+/-0.441 χ^2 /NDF: 20701.4/11

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

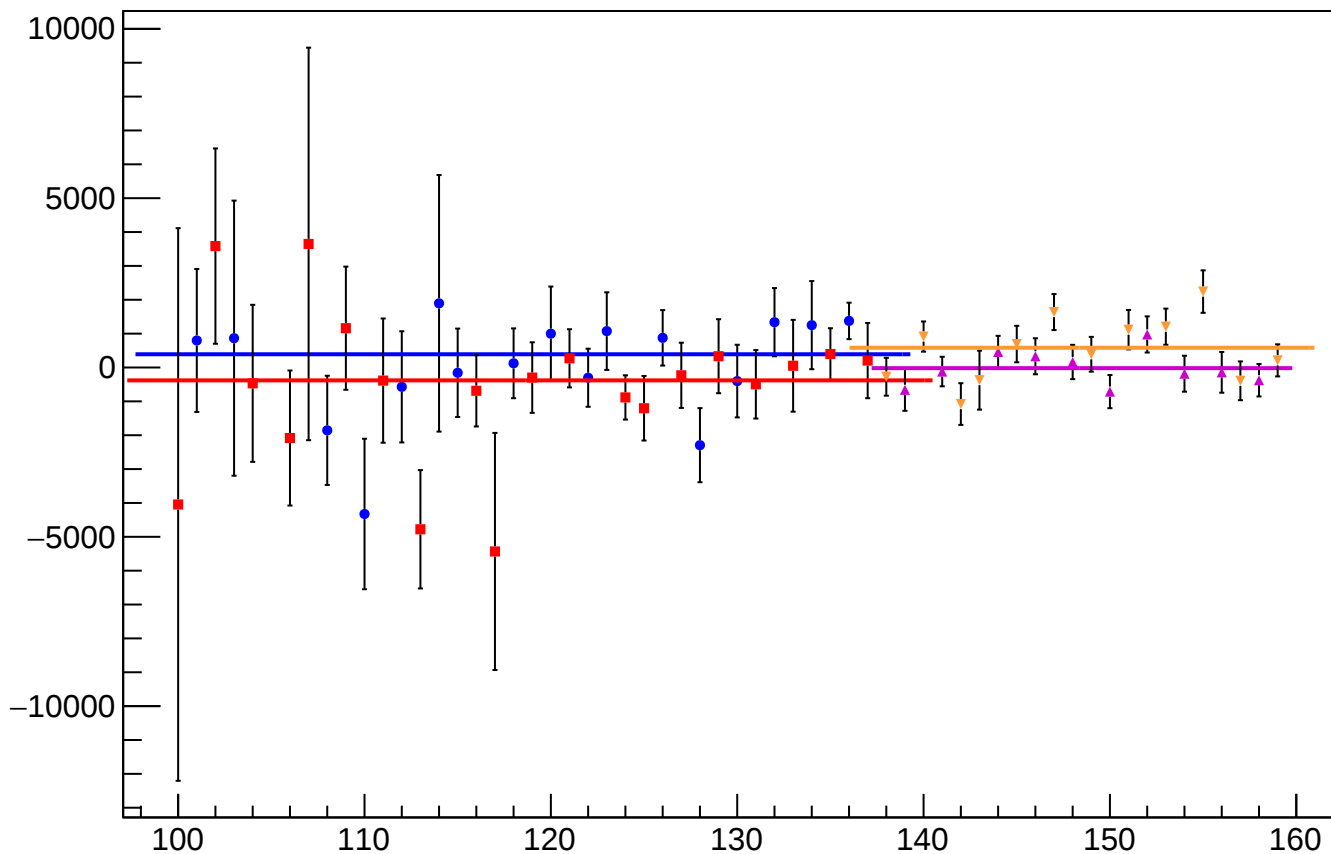
Left In: 1850.935+/-0.459 χ^2 /NDF: 4403.4/9

1902.949+/-0.345 χ^2 /NDF: 646723.0/28

1906.948+/-0.245 χ^2 /NDF: 1048573.7/58

1911.054+/-0.349 χ^2 /NDF: 401578.1/29

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 583.062+/-159.151 χ^2/NDF : 28.2/11

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

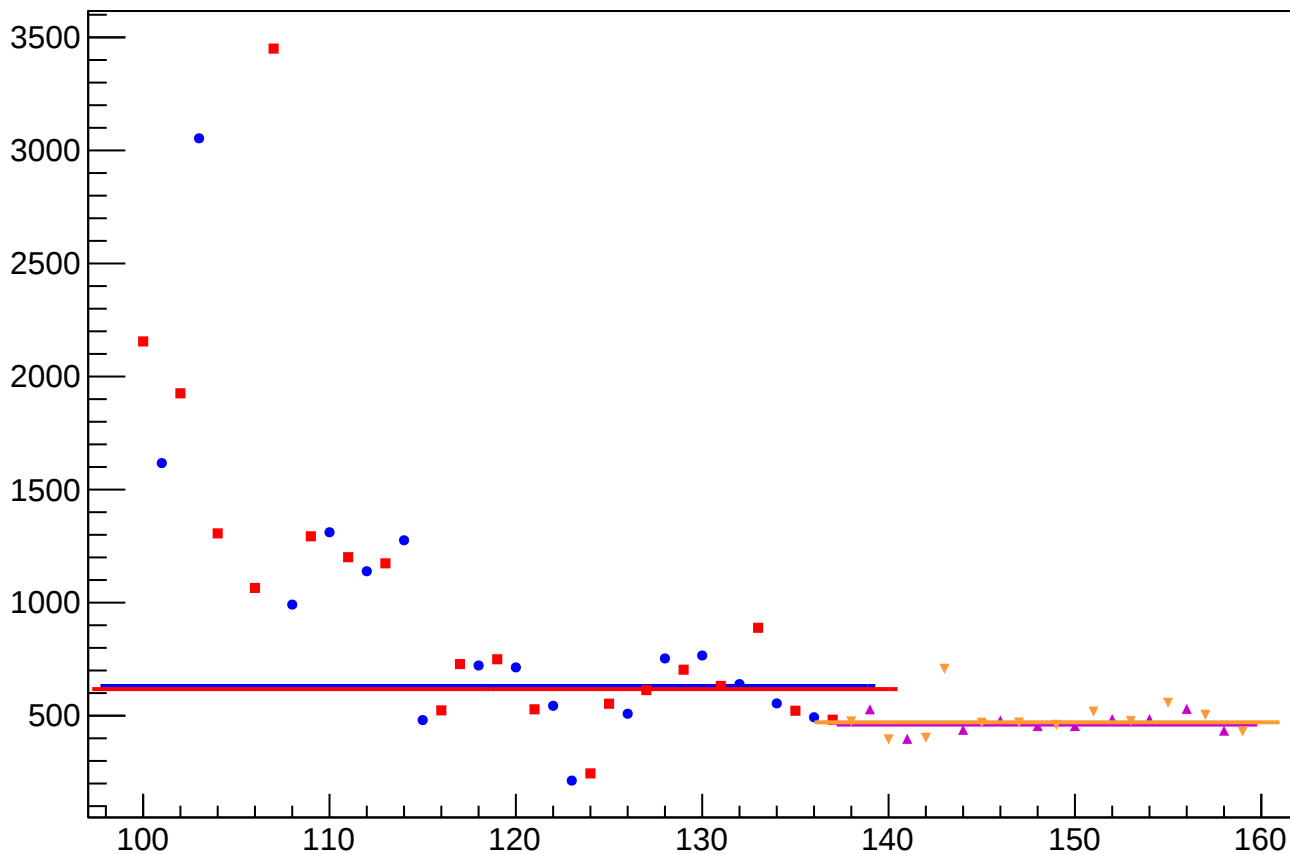
Left In: -19.337+/-162.051 χ^2/NDF : 8.9/9

533.553+/-137.122 χ^2/NDF : 48.6/28

210.917+/-97.373 χ^2/NDF : 86.3/58

-117.275+/-138.298 χ^2/NDF : 26.5/29

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 631.430 $\pm$ 0.191 χ^2 /NDF: 2260692.7/16

Left Out: 470.843 $\pm$ 0.113 χ^2 /NDF: 303921.4/11

Right Out: 617.675 $\pm$ 0.188 χ^2 /NDF: 2804158.4/19

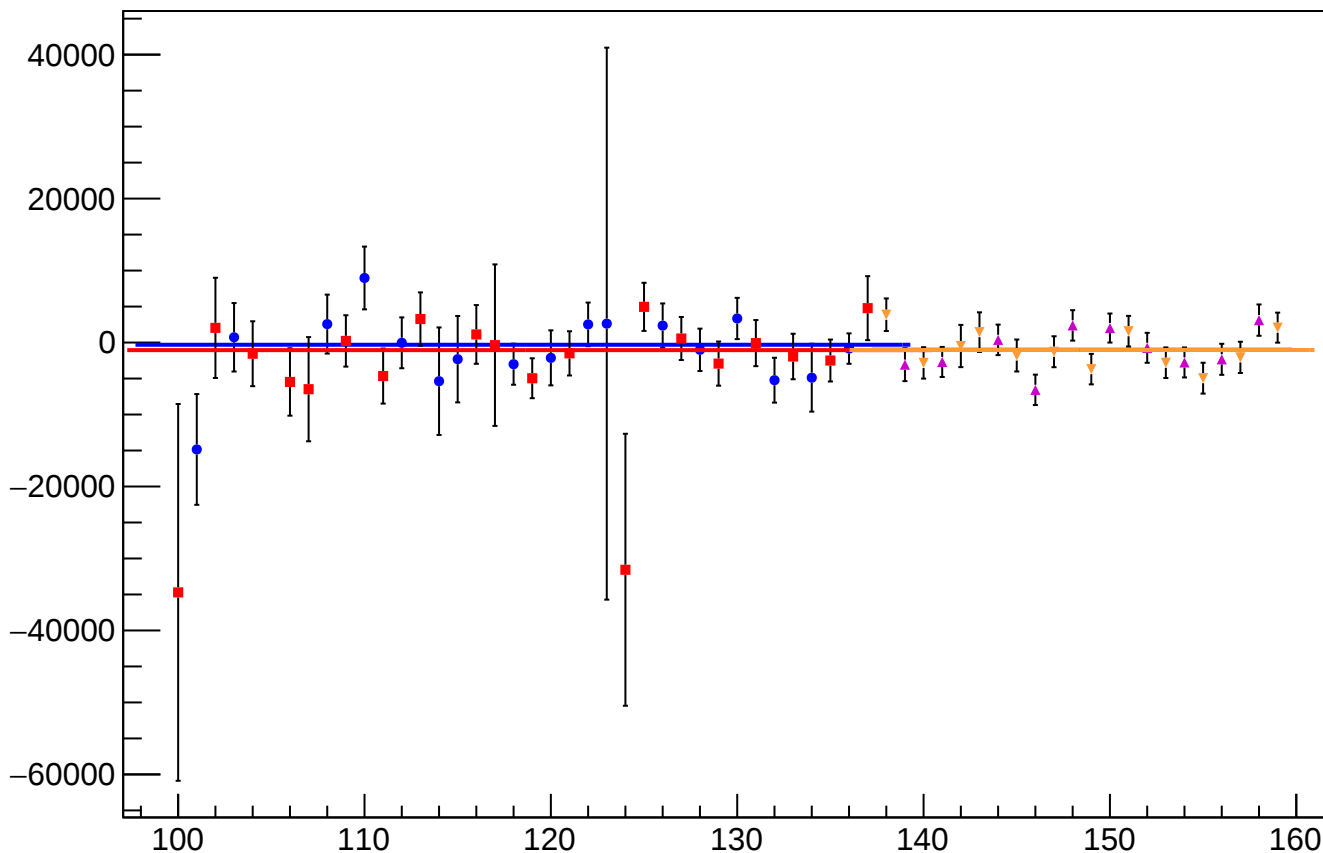
Left In: 460.819 $\pm$ 0.115 χ^2 /NDF: 114516.9/9

512.223 $\pm$ 0.097 χ^2 /NDF: 3089300.5/28

507.865 $\pm$ 0.069 χ^2 /NDF: 6521121.4/58

503.433 $\pm$ 0.098 χ^2 /NDF: 3427746.9/29

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -1032.456+/-645.739 χ^2/NDF : 15.9/11

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

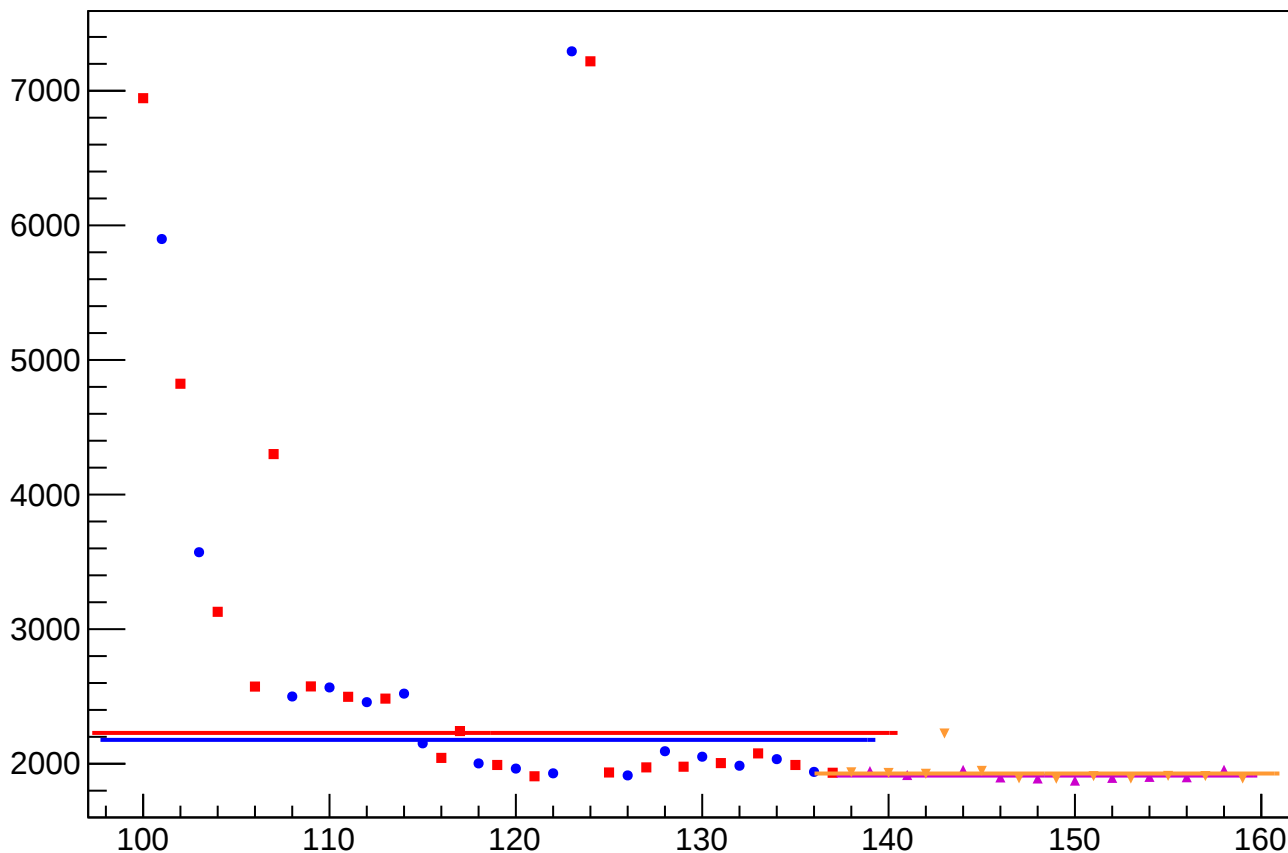
Left In: -995.183+/-670.484 χ^2/NDF : 18.3/9

-775.040+/-518.925 χ^2/NDF : 33.5/28

-893.382+/-370.754 χ^2/NDF : 68.6/58

-1016.781+/-529.897 χ^2/NDF : 35.0/29

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1927.494+/-0.457 χ^2/NDF : 26517.9/11

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

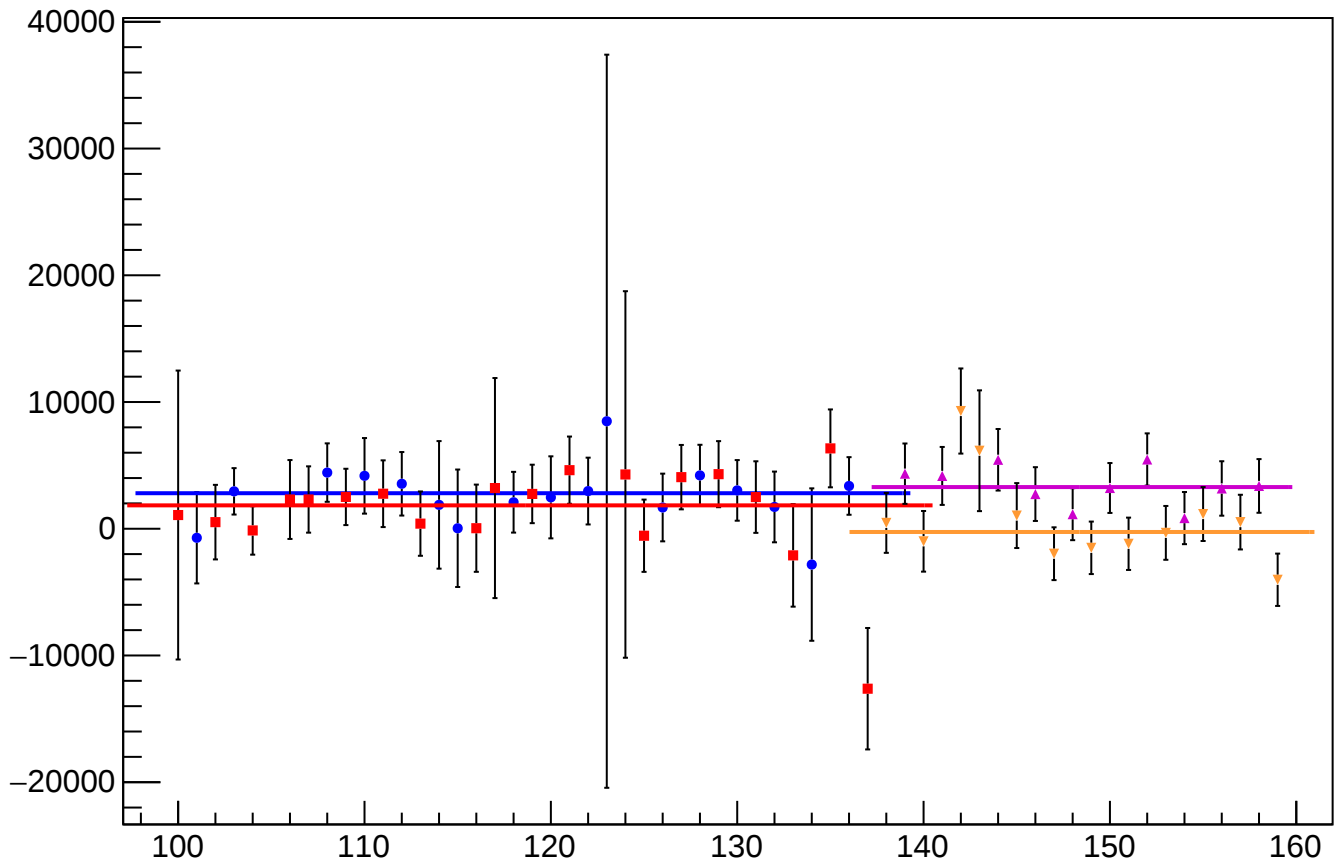
Left In: 1912.213+/-0.474 χ^2/NDF : 3236.1/9

2016.028+/-0.367 χ^2/NDF : 935496.0/28

2023.440+/-0.262 χ^2/NDF : 2003081.5/58

2031.169+/-0.375 χ^2/NDF : 1066751.9/29

reg_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -255.142+/-669.717 χ^2/NDF : 15.5/11

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

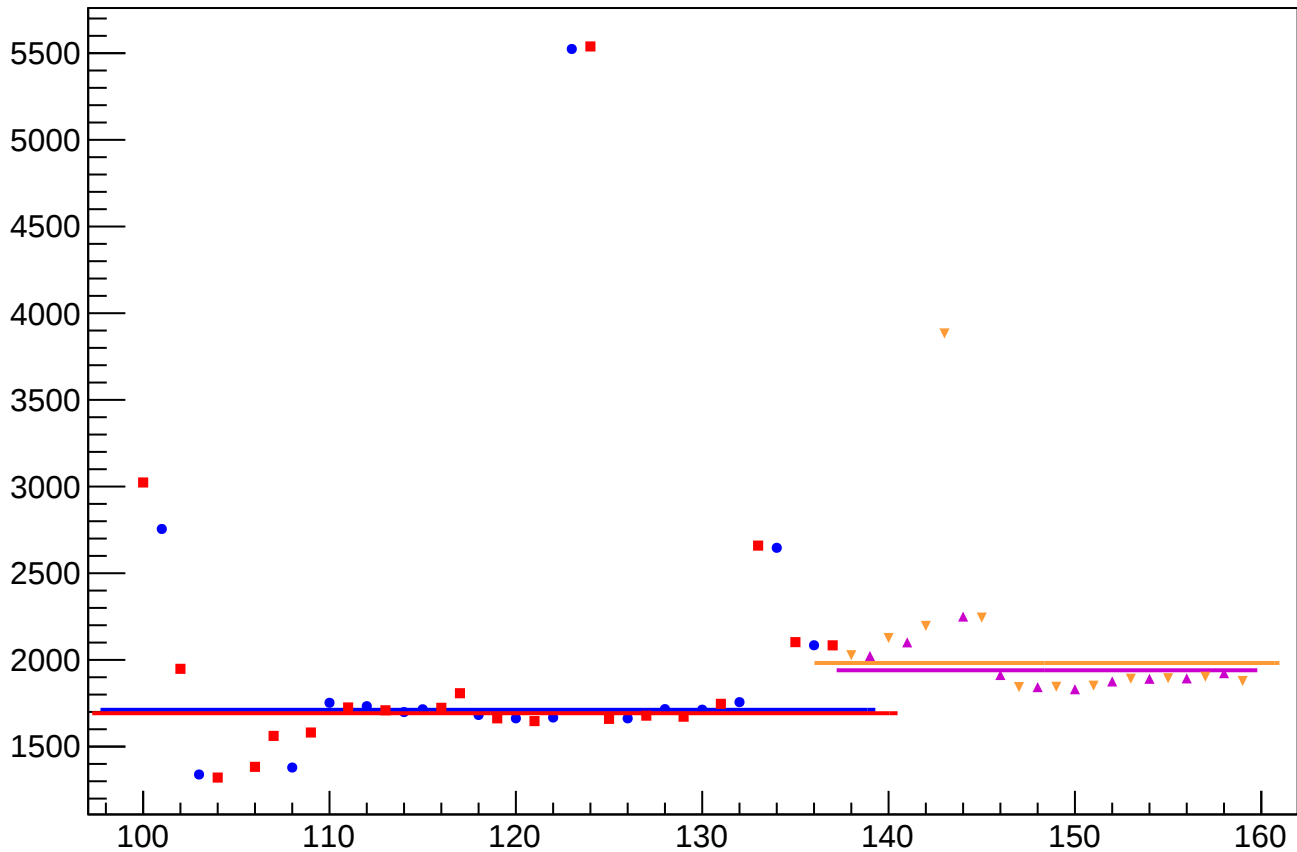
Left In: 3288.824+/-679.346 χ^2/NDF : 4.8/9

1254.352+/-476.653 χ^2/NDF : 29.7/28

1904.330+/-335.009 χ^2/NDF : 58.6/58

2538.839+/-470.947 χ^2/NDF : 25.2/29

reg_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 1982.245+/-0.474 χ^2/NDF : 395840.3/11

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

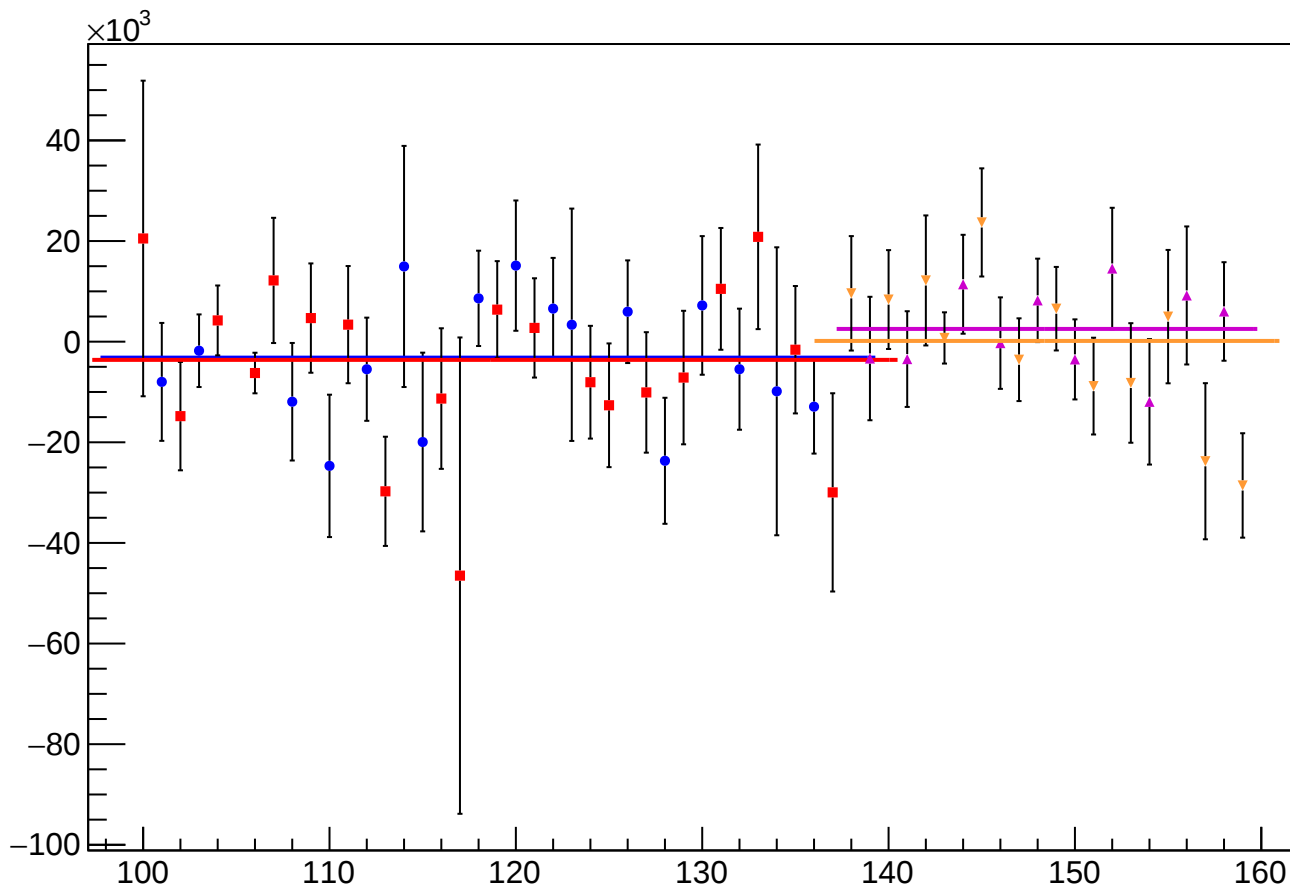
Left In: 1940.203+/-0.480 χ^2/NDF : 60030.4/9

1848.968+/-0.337 χ^2/NDF : 988832.3/28

1830.003+/-0.237 χ^2/NDF : 1648618.0/58

1811.490+/-0.333 χ^2/NDF : 653528.7/29

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -3173.245 ± 2851.982 χ^2/NDF : 14.4/16

Left Out: 147.075 ± 2695.421 χ^2/NDF : 19.4/11

Right Out: -3618.416 ± 2263.938 χ^2/NDF : 20.3/19

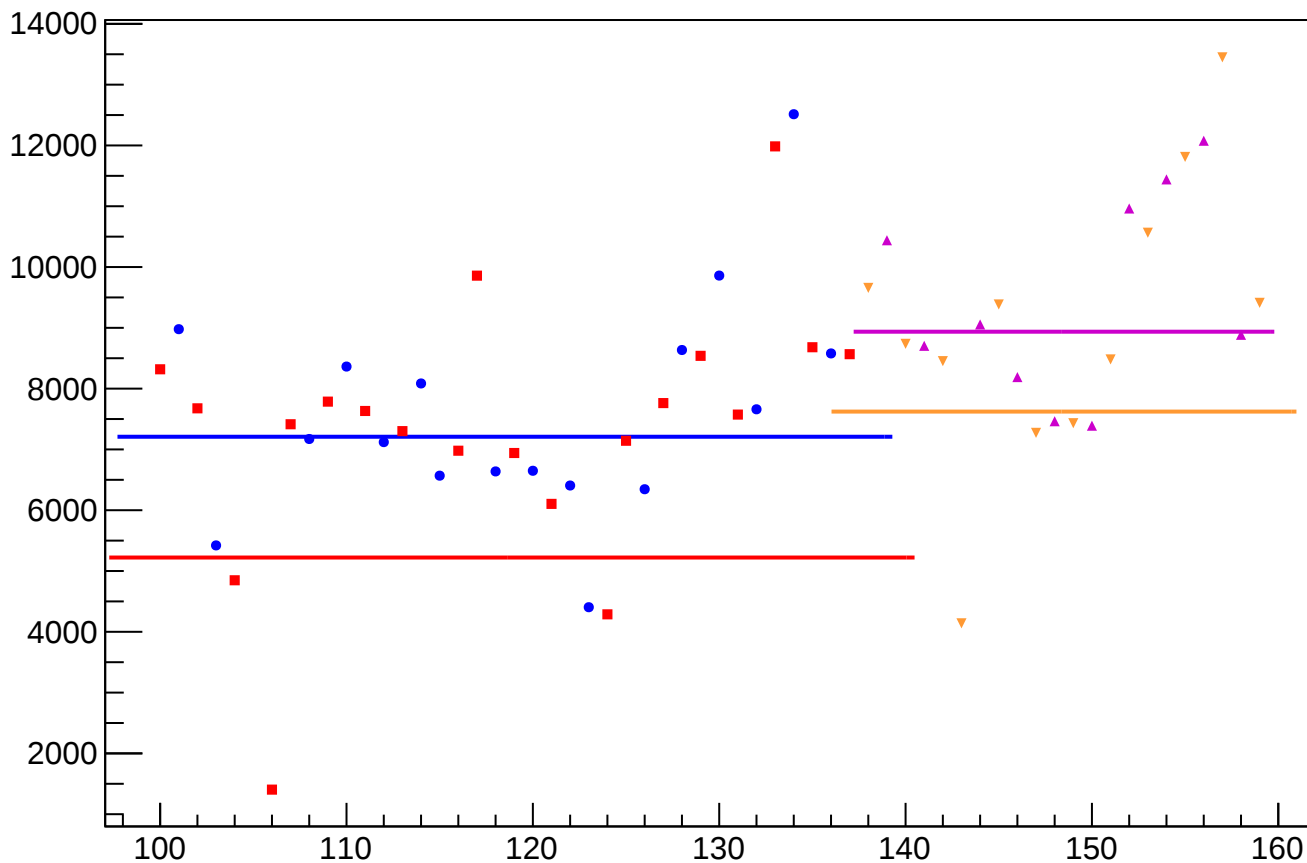
Left In: 2532.262 ± 3170.043 χ^2/NDF : 5.3/9

-1419.453 ± 1958.961 χ^2/NDF : 34.5/28

-1483.922 ± 1342.069 χ^2/NDF : 62.6/58

-1540.944 ± 1842.346 χ^2/NDF : 28.1/29

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 7208.567 $\pm$ 2.017 χ^2 /NDF: 469302.0/16

Left Out: 7622.374 $\pm$ 1.906 χ^2 /NDF: 1772066.0/11

Right Out: 5221.816 $\pm$ 1.601 χ^2 /NDF: 3216100.5/19

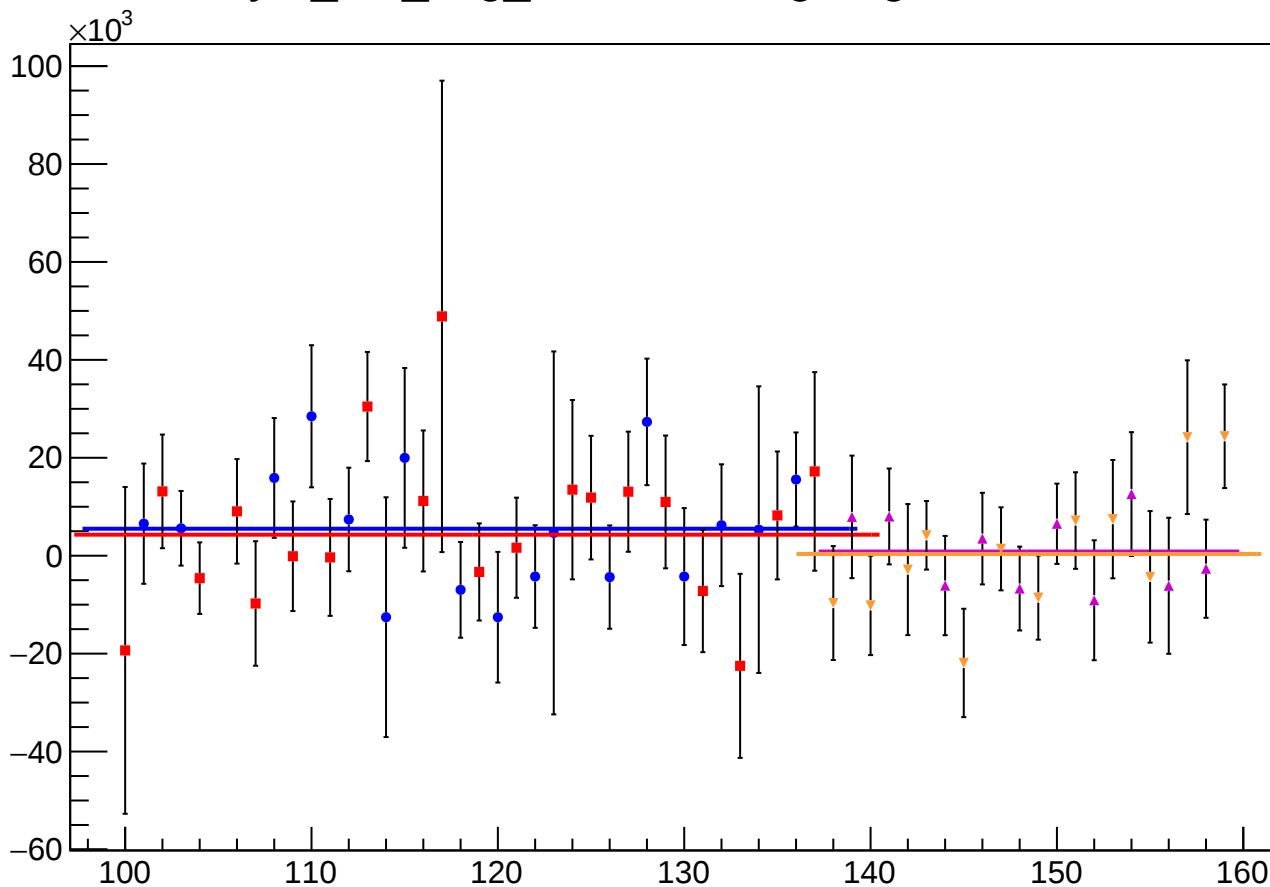
Left In: 8936.311 $\pm$ 2.242 χ^2 /NDF: 425616.0/9

7427.140 $\pm$ 1.385 χ^2 /NDF: 2263607.7/28

6922.650 $\pm$ 0.949 χ^2 /NDF: 7973784.6/58

6476.435 $\pm$ 1.303 χ^2 /NDF: 5460213.3/29

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 356.703 $\pm$ 2957.628 χ^2 /NDF: 15.7/11

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

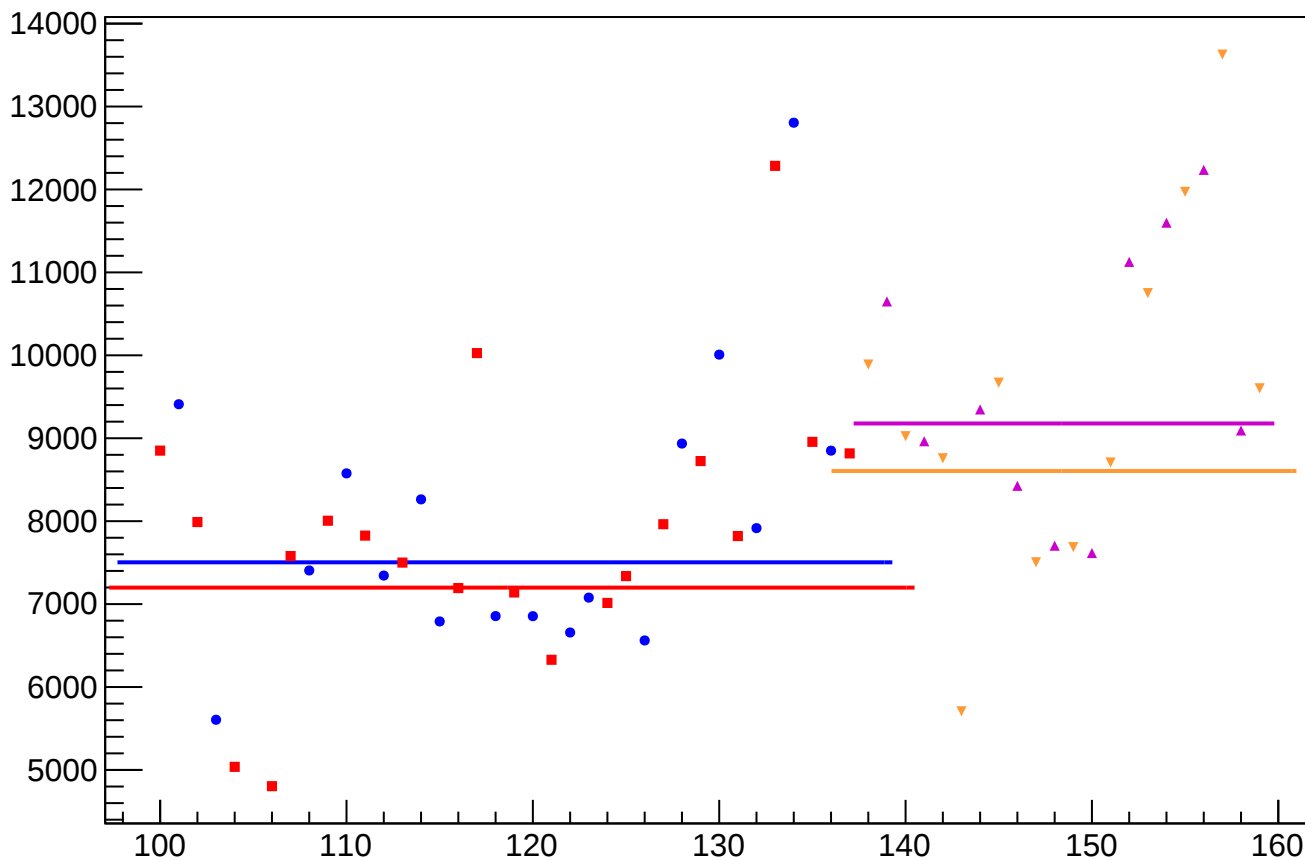
Left In: 849.635 $\pm$ 3252.055 χ^2 /NDF: 4.6/9

2921.399 $\pm$ 2096.082 χ^2 /NDF: 31.3/28

2879.803 $\pm$ 1488.993 χ^2 /NDF: 52.8/58

2837.432 $\pm$ 2115.561 χ^2 /NDF: 21.5/29

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7503.667 $\pm$ 2.101 χ^2 /NDF: 427313.5/16

Left Out: 8605.005 $\pm$ 2.091 χ^2 /NDF: 856455.2/11

Right Out: 7198.728 $\pm$ 1.969 χ^2 /NDF: 564629.1/19

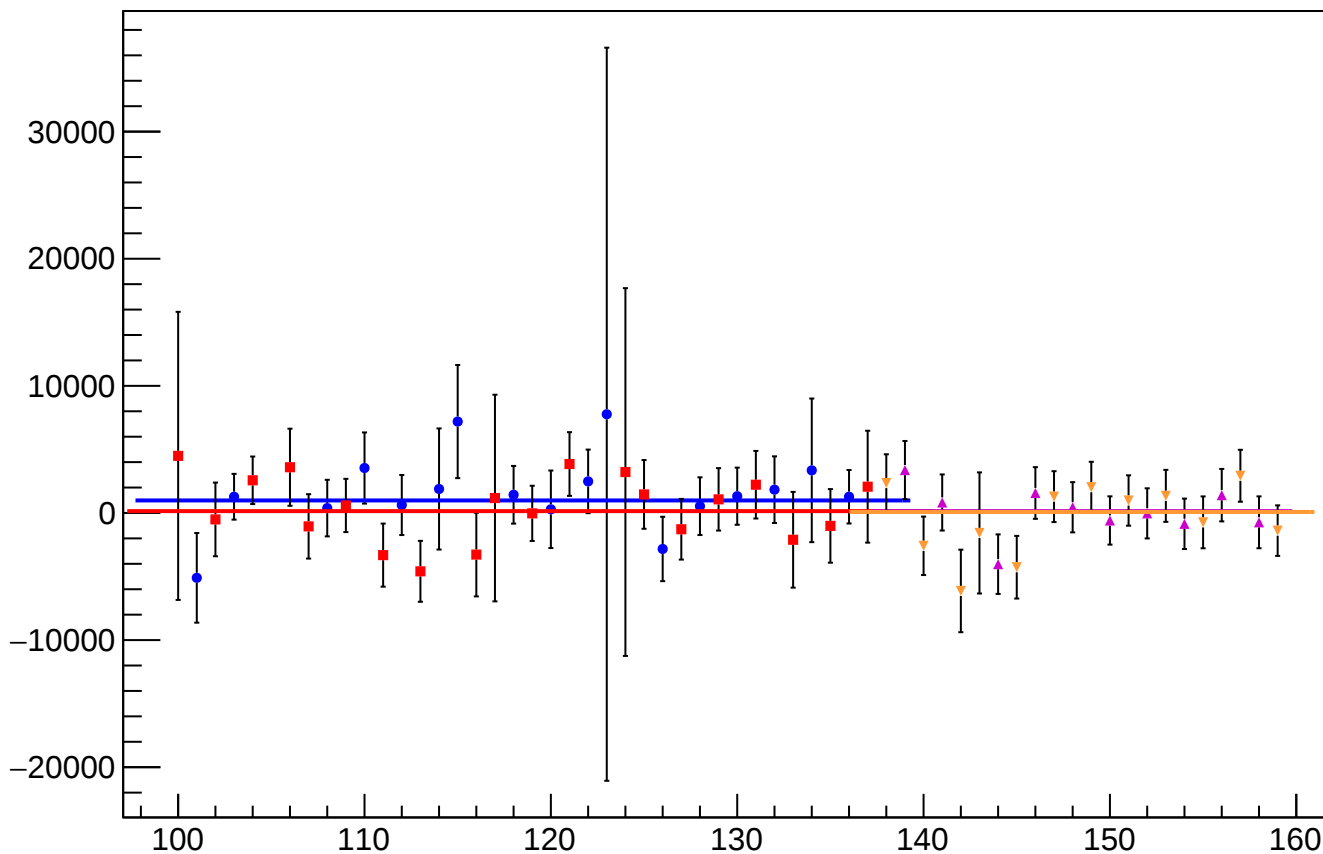
Left In: 9178.112 $\pm$ 2.300 χ^2 /NDF: 394954.2/9

8056.812 $\pm$ 1.482 χ^2 /NDF: 1421806.2/28

8046.630 $\pm$ 1.053 χ^2 /NDF: 2808903.9/58

8036.260 $\pm$ 1.496 χ^2 /NDF: 1387002.5/29

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 985.452 $\pm$ 644.630 χ^2/NDF : 9.1/16

Left Out: 79.272 $\pm$ 643.398 χ^2/NDF : 13.8/11

Right Out: 144.683 $\pm$ 621.728 χ^2/NDF : 14.7/19

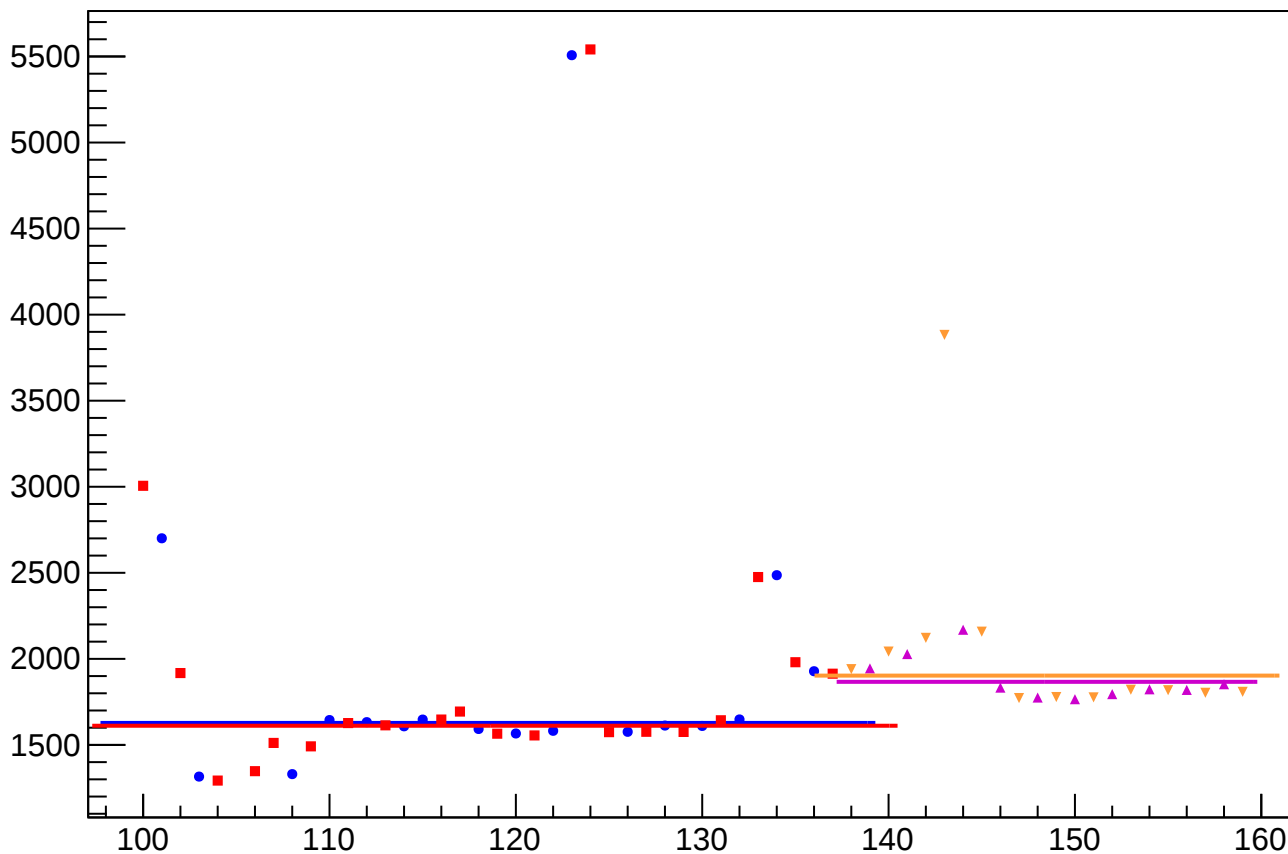
Left In: 144.706 $\pm$ 653.581 χ^2/NDF : 6.7/9

531.495 $\pm$ 455.386 χ^2/NDF : 23.9/28

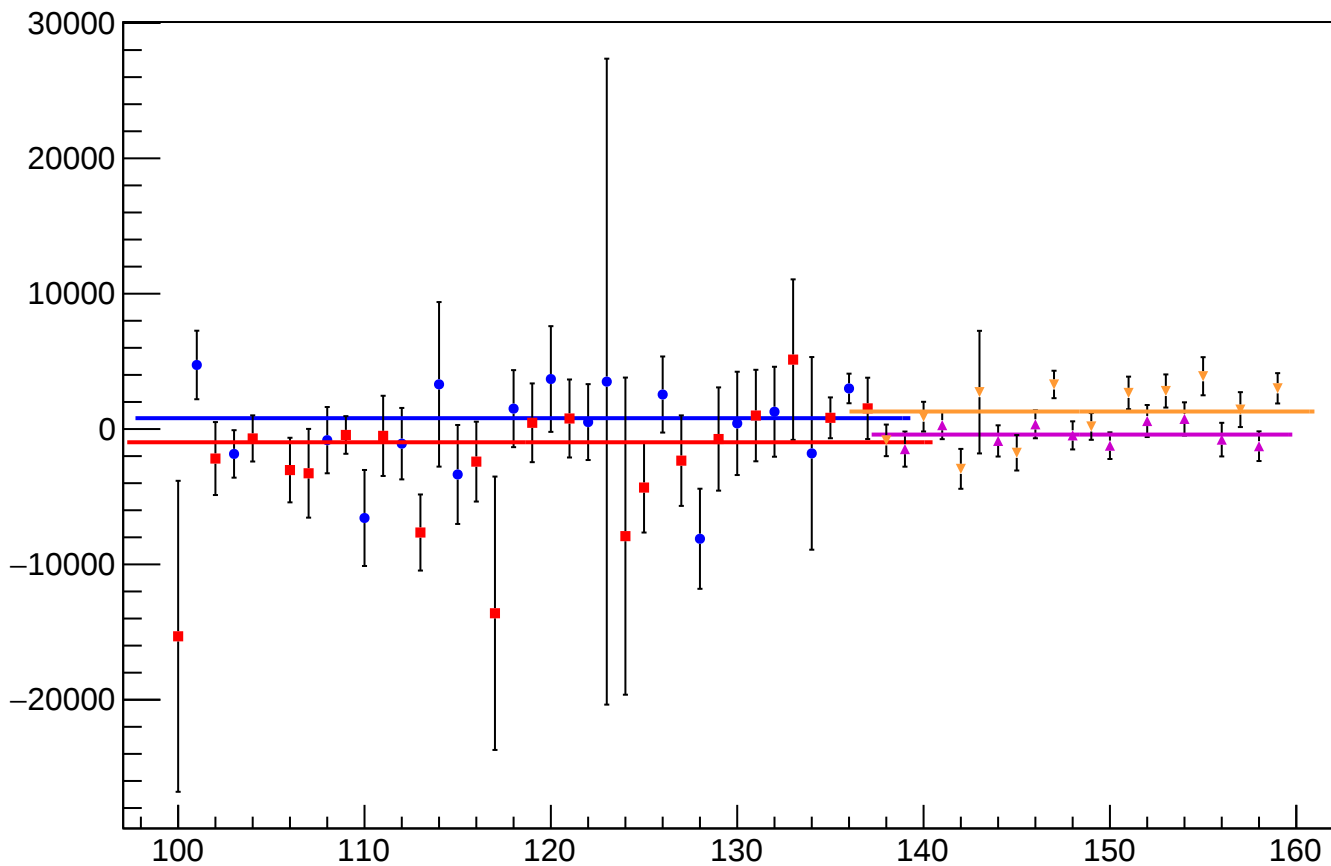
335.995 $\pm$ 320.254 χ^2/NDF : 45.7/58

144.694 $\pm$ 450.468 χ^2/NDF : 21.4/29

reg_asym_at2_dd_rms vs Slug, Sign Corrected



asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: 803.048+/-631.676 χ^2/NDF : 22.4/16

Left Out: 1295.437+/-355.364 χ^2/NDF : 31.0/11

Right Out: -976.725+/-588.724 χ^2/NDF : 16.8/19

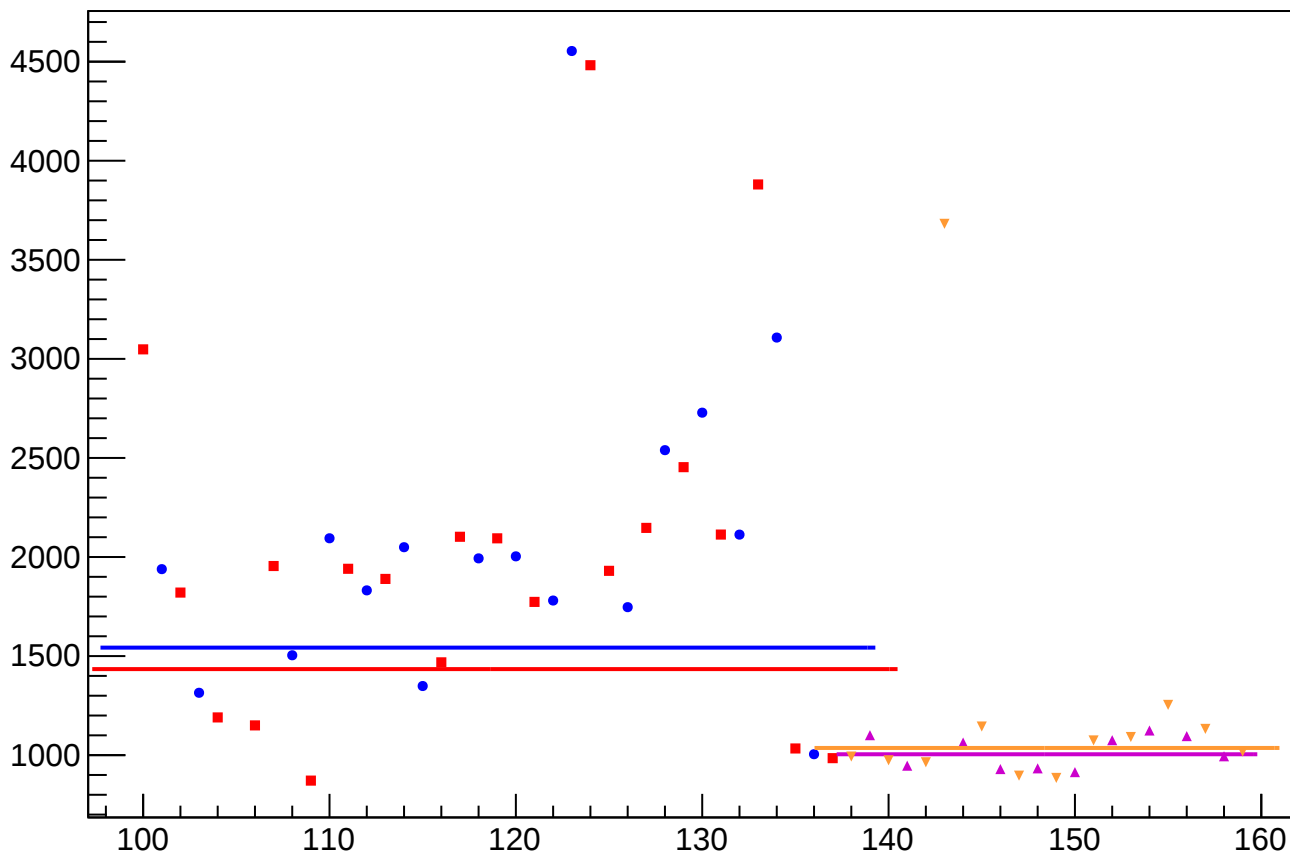
Left In: -408.613+/-352.640 χ^2/NDF : 4.9/9

1177.065+/-309.717 χ^2/NDF : 53.9/28

288.823+/-216.414 χ^2/NDF : 92.3/58

-558.623+/-302.521 χ^2/NDF : 22.4/29

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 1542.705 $\pm$ 0.447 χ^2 /NDF: 1287946.3/16

Left Out: 1036.343 $\pm$ 0.251 χ^2 /NDF: 860148.0/11

Right Out: 1434.290 $\pm$ 0.416 χ^2 /NDF: 1832587.0/19

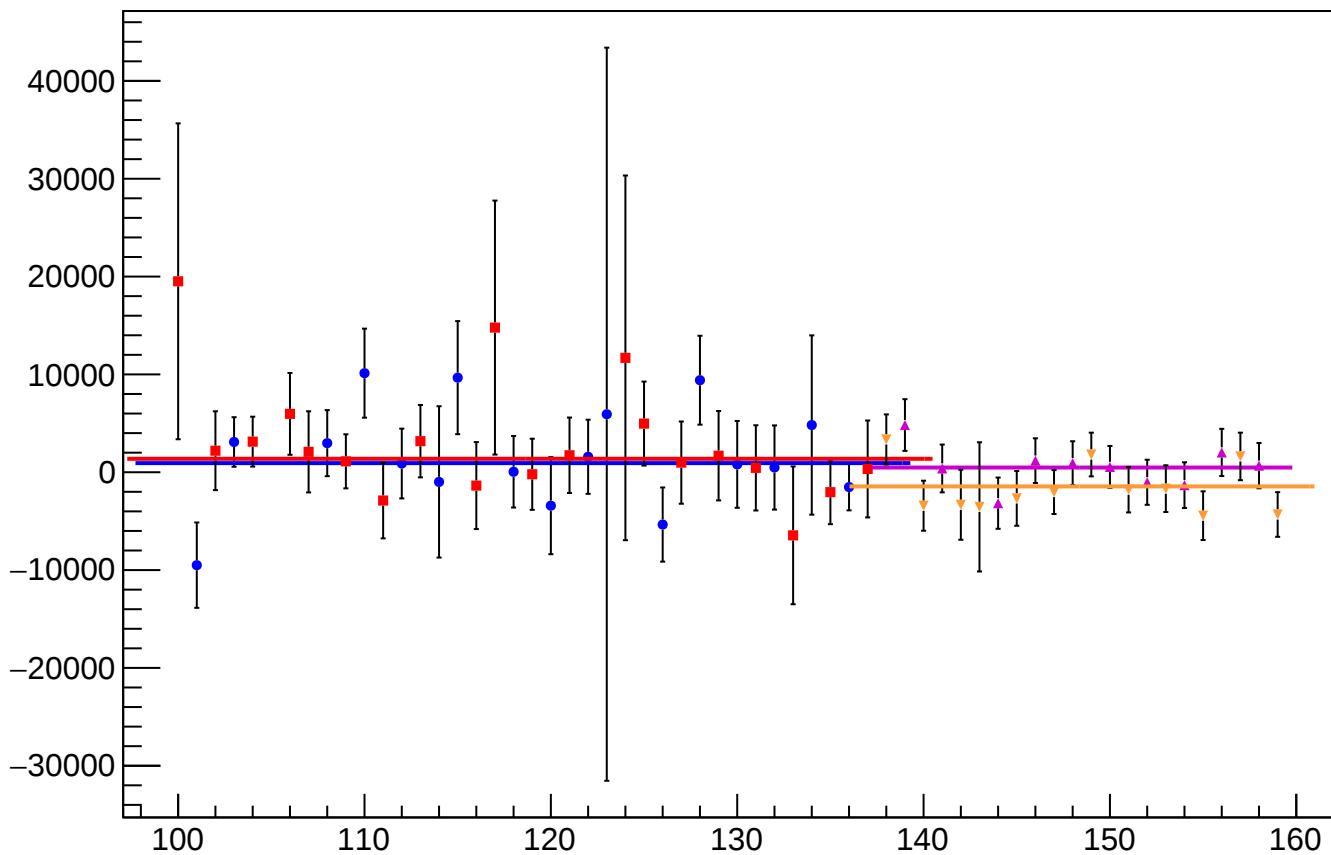
Left In: 1004.476 $\pm$ 0.249 χ^2 /NDF: 96538.2/9

1158.074 $\pm$ 0.219 χ^2 /NDF: 3124312.0/28

1137.550 $\pm$ 0.153 χ^2 /NDF: 5855142.5/58

1117.969 $\pm$ 0.214 χ^2 /NDF: 2713668.7/29

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1447.129 ± 742.037 χ^2/NDF : 11.5/11

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

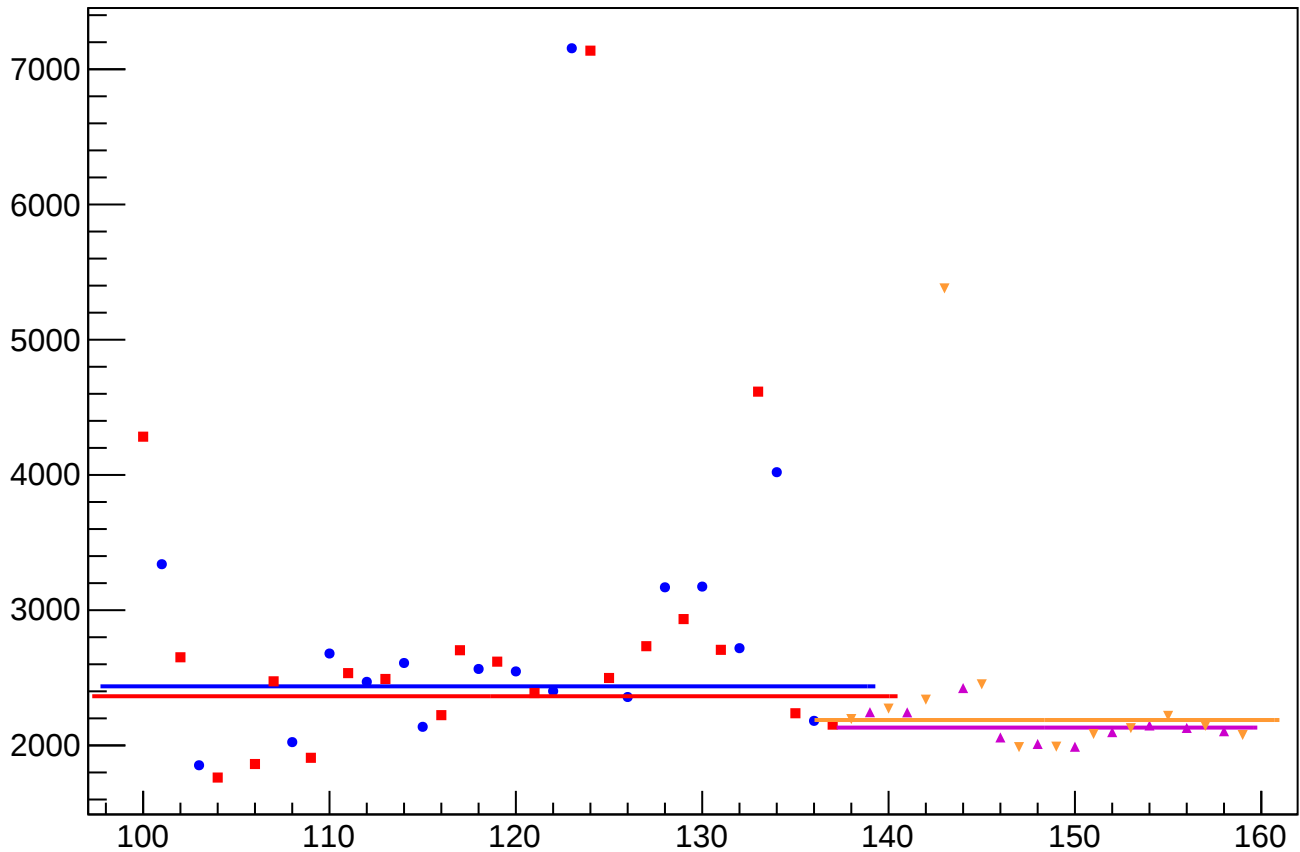
Left In: 481.554 ± 746.214 χ^2/NDF : 6.2/9

-566.175 ± 588.900 χ^2/NDF : 36.9/28

144.733 ± 413.344 χ^2/NDF : 56.1/58

835.050 ± 580.309 χ^2/NDF : 16.3/29

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2187.821+/-0.525 χ^2/NDF : 533126.2/11

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

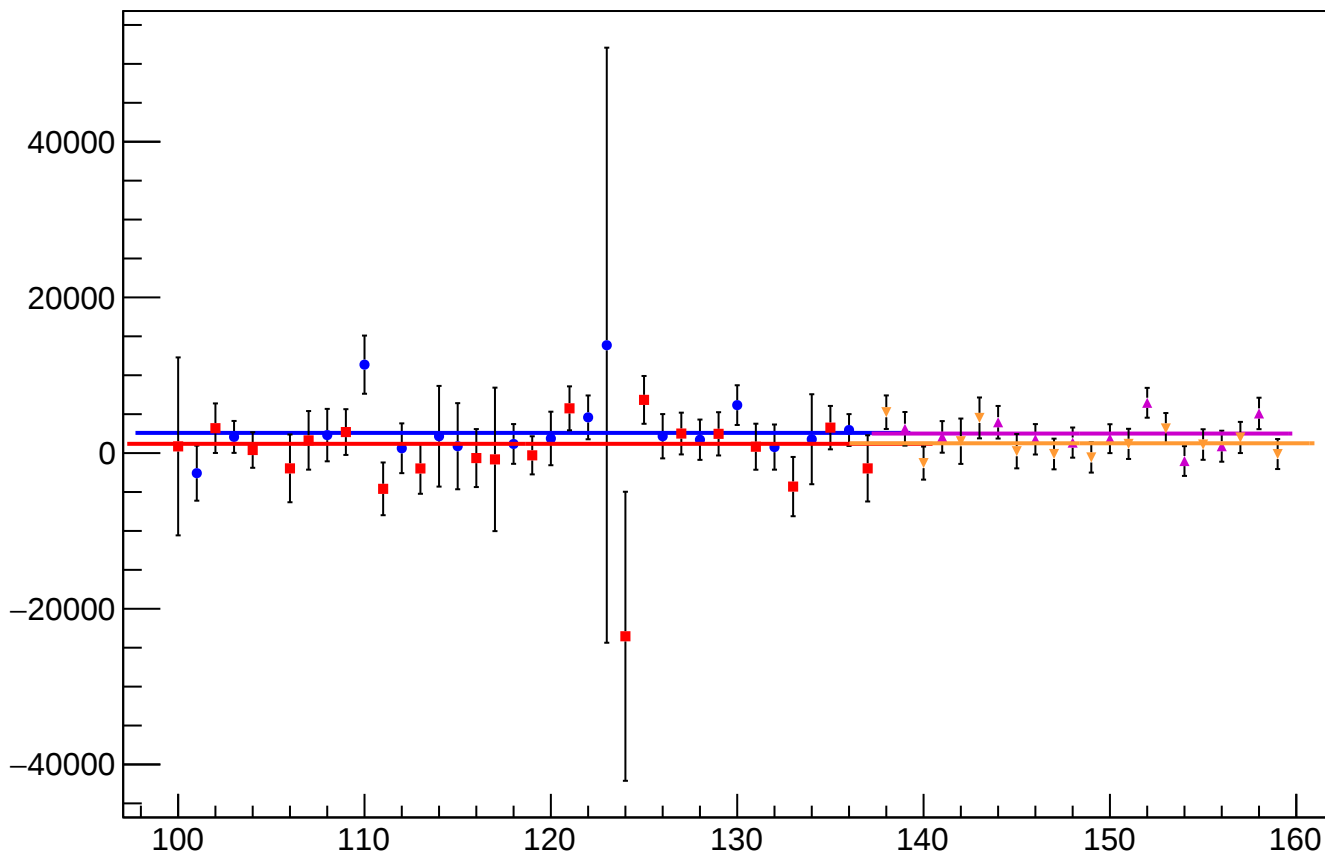
Left In: 2131.783+/-0.528 χ^2/NDF : 50332.1/9

2280.003+/-0.416 χ^2/NDF : 1085540.6/28

2251.290+/-0.292 χ^2/NDF : 1878764.2/58

2223.408+/-0.410 χ^2/NDF : 783852.2/29

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2594.684 $\pm$ 743.000 χ^2 /NDF: 11.7/16

Left Out: 1260.138 $\pm$ 605.764 χ^2 /NDF: 9.6/11

Right Out: 1189.680 $\pm$ 737.247 χ^2 /NDF: 17.3/19

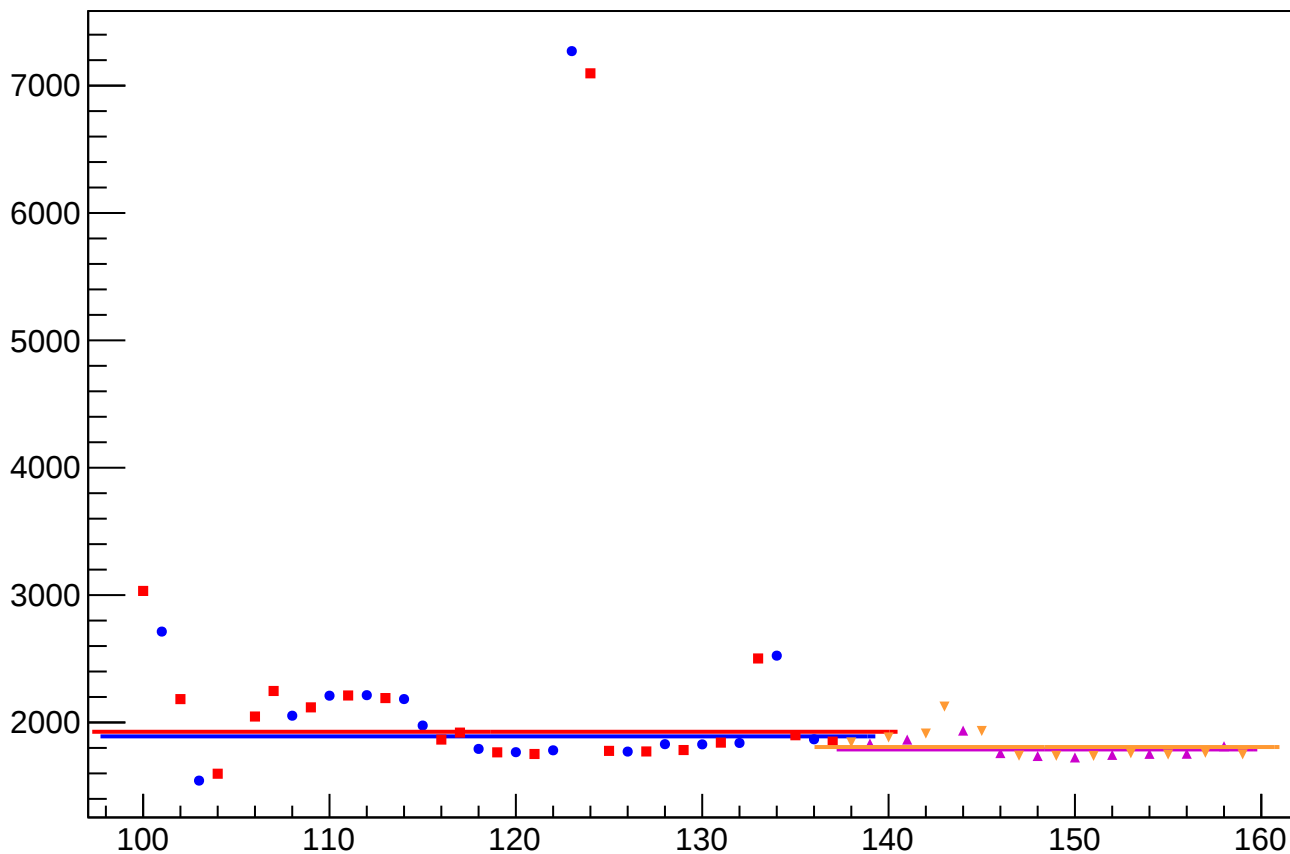
Left In: 2509.090 $\pm$ 626.606 χ^2 /NDF: 11.2/9

1793.013 $\pm$ 469.499 χ^2 /NDF: 23.2/28

1873.000 $\pm$ 334.763 χ^2 /NDF: 53.6/58

1955.721 $\pm$ 477.453 χ^2 /NDF: 30.3/29

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1890.721 $\pm$ 0.525 χ^2 /NDF: 288944.9/16

Left Out: 1807.029 $\pm$ 0.428 χ^2 /NDF: 54788.2/11

Right Out: 1926.906 $\pm$ 0.520 χ^2 /NDF: 362255.6/19

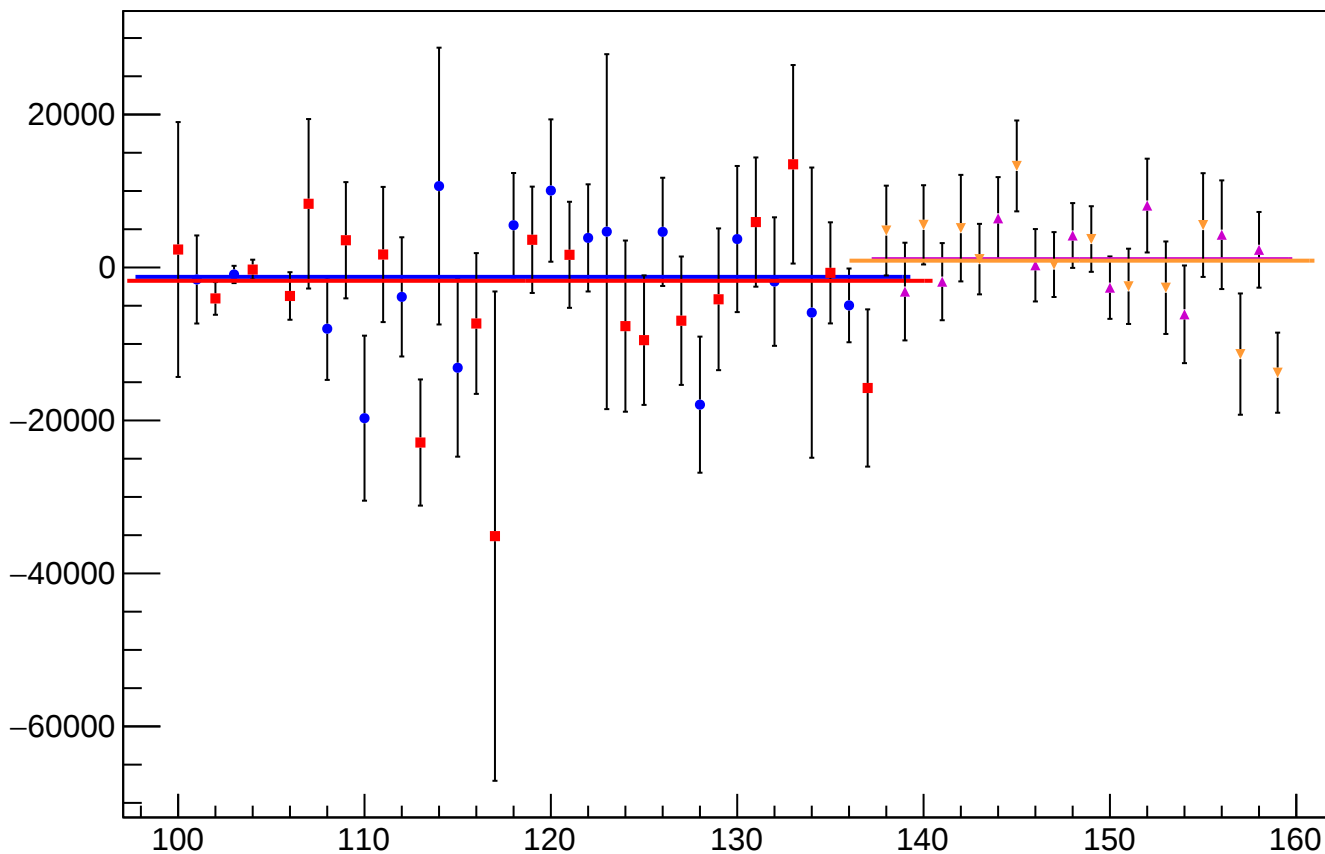
Left In: 1788.087 $\pm$ 0.443 χ^2 /NDF: 20444.9/9

1840.447 $\pm$ 0.332 χ^2 /NDF: 358976.7/28

1843.382 $\pm$ 0.237 χ^2 /NDF: 783080.0/58

1846.414 $\pm$ 0.337 χ^2 /NDF: 423944.4/29

asym_atl1r2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 891.376 ± 1552.347 χ^2/NDF : 17.9/11

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

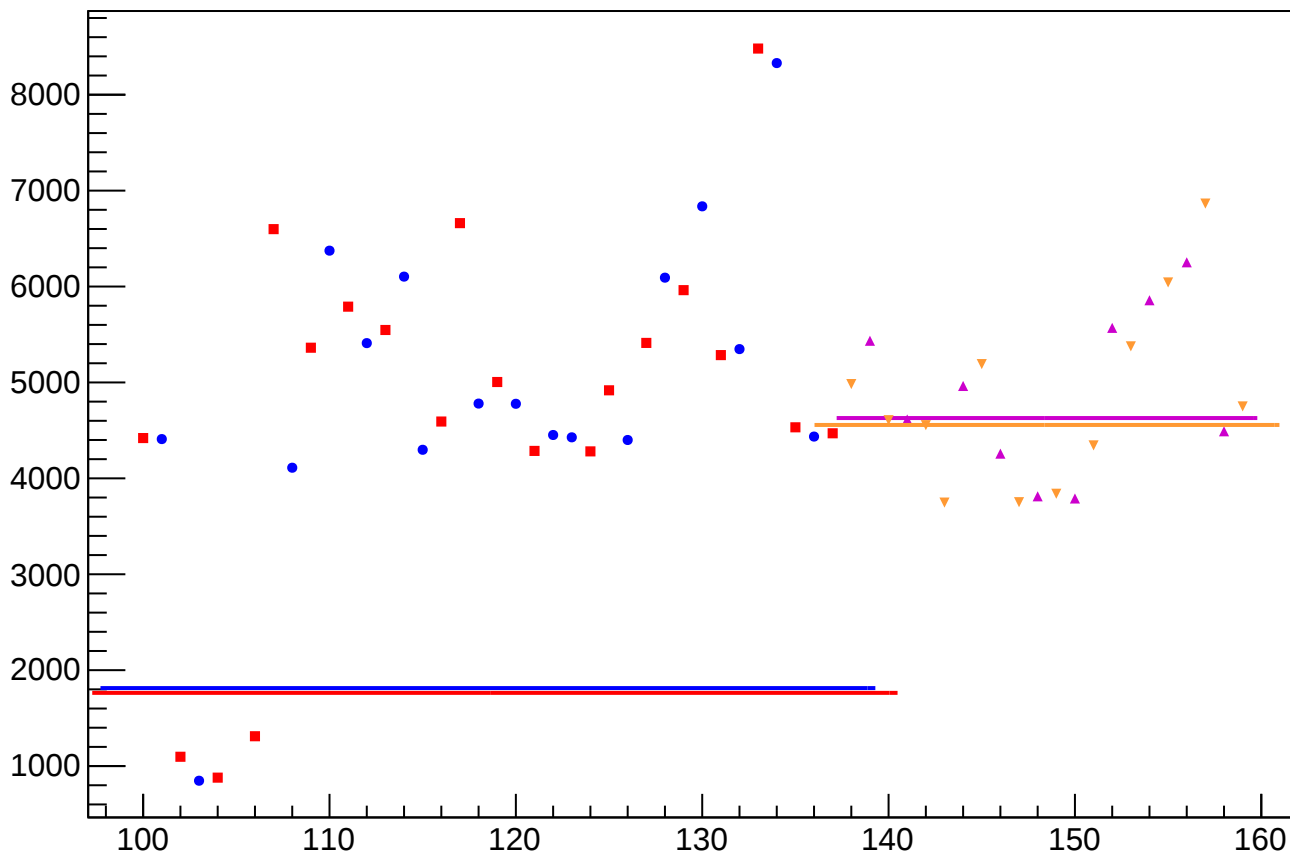
Left In: 1089.203 ± 1642.948 χ^2/NDF : 6.0/9

-619.213 ± 831.460 χ^2/NDF : 33.1/28

-834.128 ± 582.629 χ^2/NDF : 60.3/58

-1041.463 ± 816.664 χ^2/NDF : 27.1/29

asym_atl1r2_avg_correction_rms vs Slug, Sign Corrected



Right In: 1813.195+/-0.696 χ^2/NDF : 6449038.4/16

Left Out: 4556.765+/-1.098 χ^2/NDF : 531993.0/11

Right Out: 1763.378+/-0.666 χ^2/NDF : 6359993.8/19

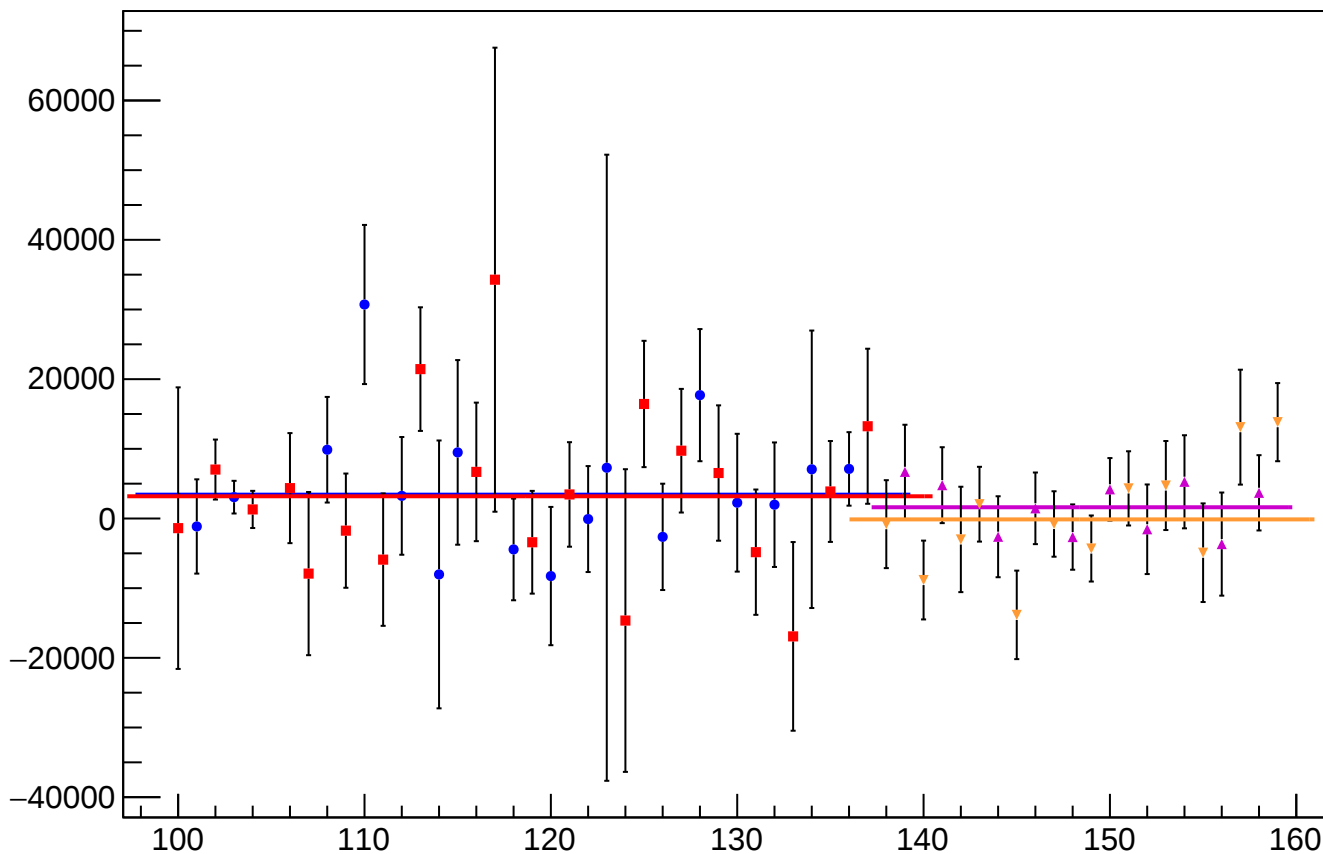
Left In: 4628.796+/-1.162 χ^2/NDF : 437700.5/9

2600.280+/-0.588 χ^2/NDF : 11436003.1/28

2534.667+/-0.412 χ^2/NDF : 22838601.0/5

2471.369+/-0.577 χ^2/NDF : 11378128.4/29

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 3421.264+/-1606.678 χ^2/NDF : 13.7/16

Left Out: -128.753+/-1691.871 χ^2/NDF : 18.6/11

Right Out: 3190.143+/-1604.066 χ^2/NDF : 16.9/19

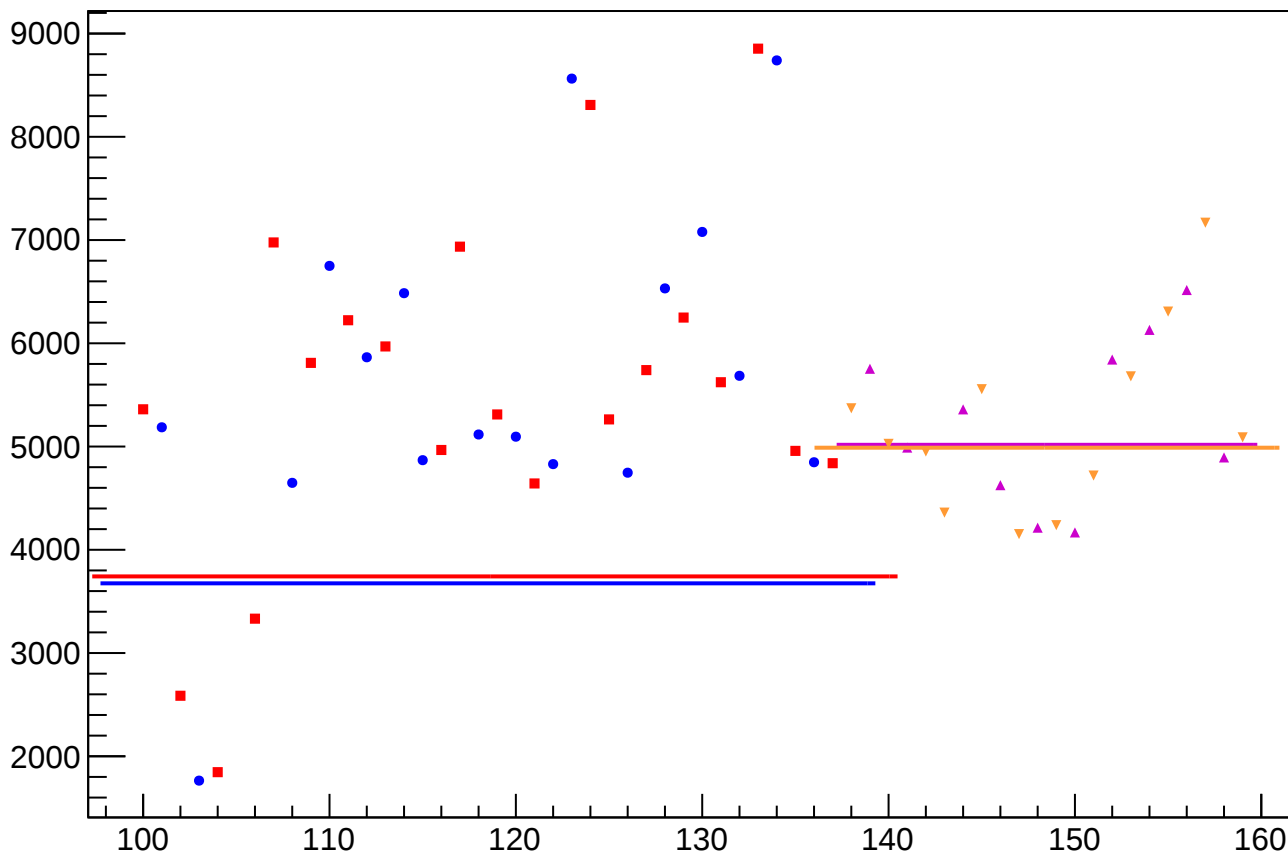
Left In: 1614.267+/-1775.254 χ^2/NDF : 3.8/9

1737.883+/-1165.047 χ^2/NDF : 34.7/28

2101.919+/-832.555 χ^2/NDF : 56.0/58

2481.830+/-1190.178 χ^2/NDF : 21.1/29

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 3675.003 $\pm$ 1.136 χ^2 /NDF: 2775085.7/16

Left Out: 4988.709 $\pm$ 1.196 χ^2 /NDF: 402613.1/11

Right Out: 3742.124 $\pm$ 1.127 χ^2 /NDF: 2712365.3/19

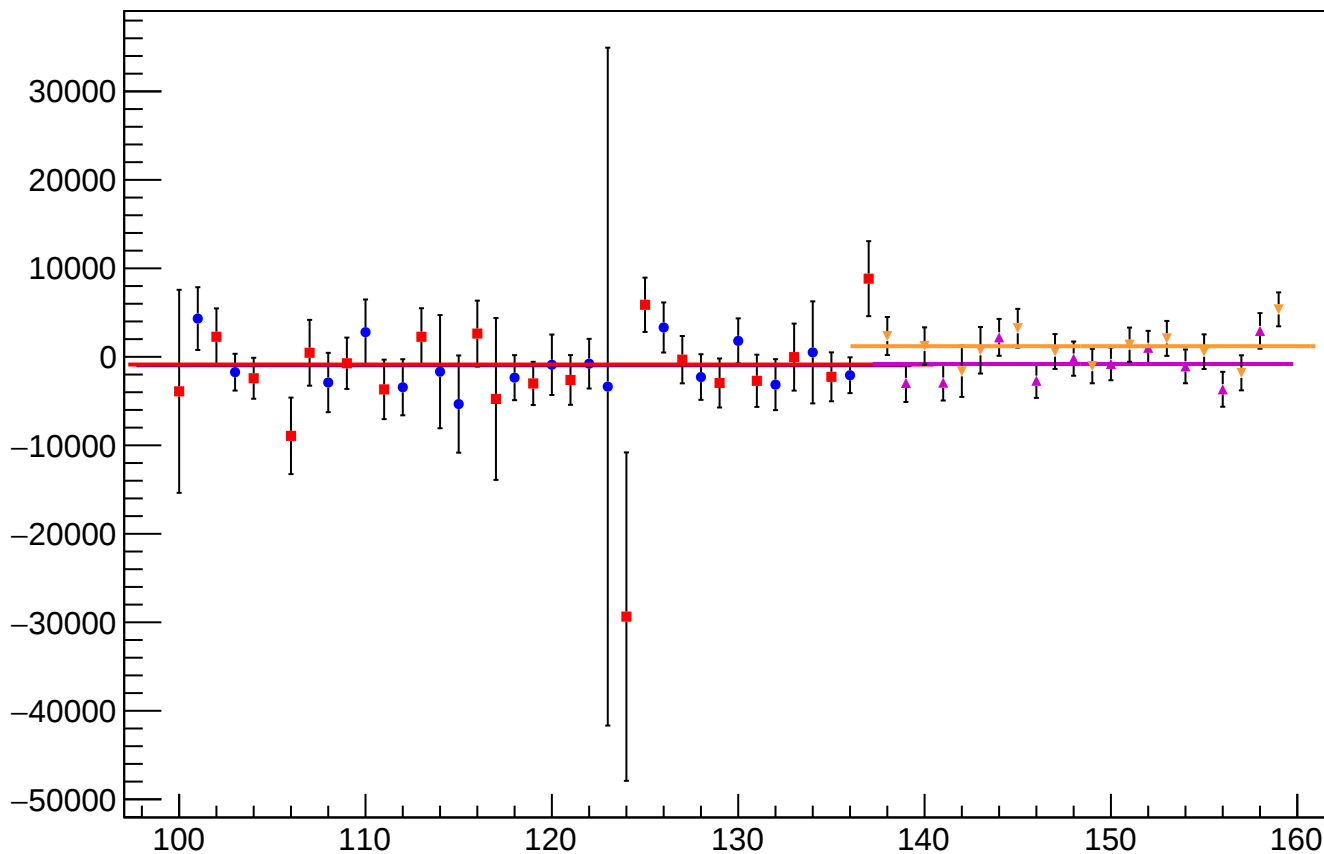
Left In: 5016.711 $\pm$ 1.255 χ^2 /NDF: 344125.6/9

4297.949 $\pm$ 0.824 χ^2 /NDF: 3811745.4/28

4304.274 $\pm$ 0.588 χ^2 /NDF: 7439326.2/58

4310.826 $\pm$ 0.838 χ^2 /NDF: 3627460.8/29

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -951.377+/-740.668 χ^2/NDF : 10.0/16

Left Out: 1203.904+/-603.096 χ^2/NDF :10.9/11

Right Out: -868.810+/-735.140 χ^2/NDF : 22.7/19

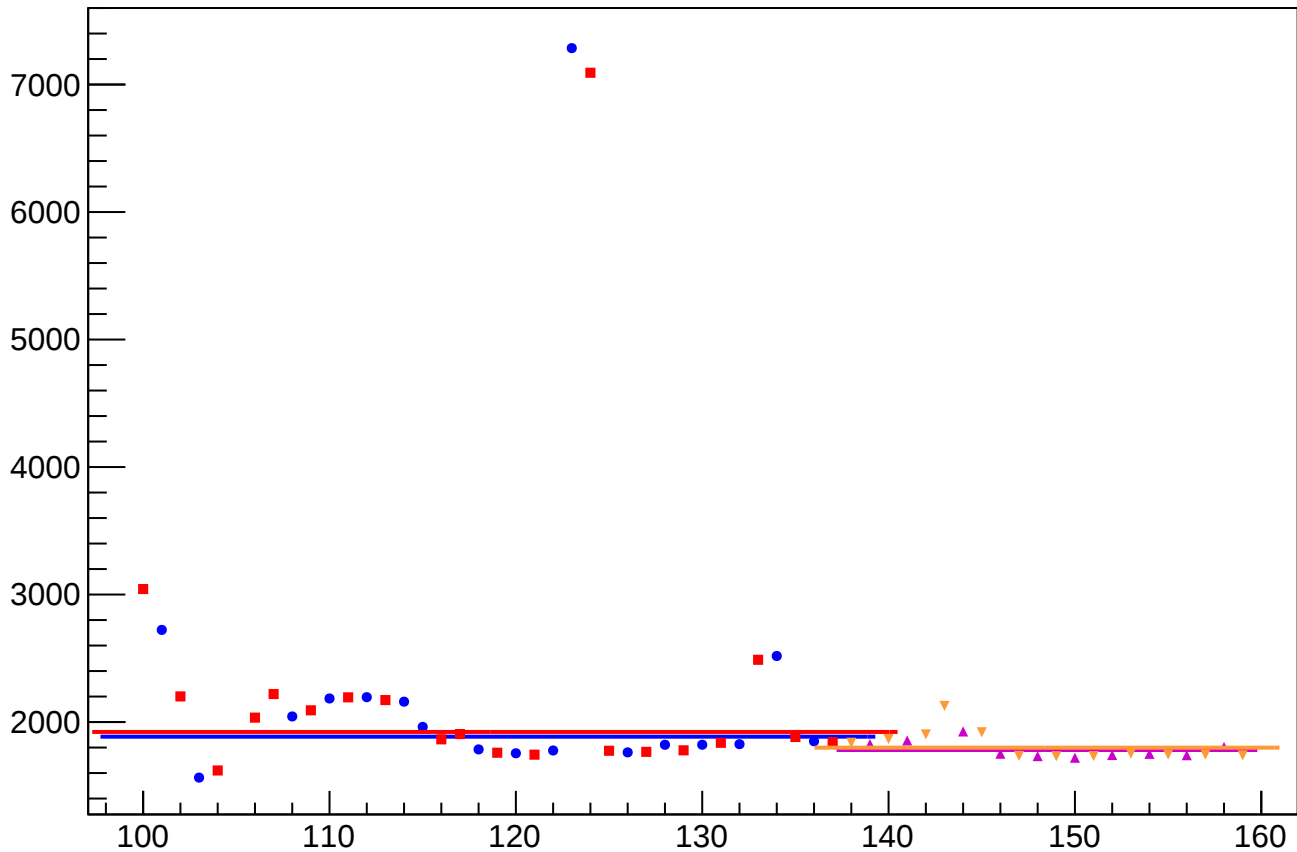
Left In: -807.969+/-624.054 χ^2/NDF :11.7/9

344.629+/-467.668 χ^2/NDF : 25.9/28

-234.317+/-333.512 χ^2/NDF : 63.5/58

-833.450+/-475.752 χ^2/NDF : 34.4/29

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1885.360+/-0.524 χ^2/NDF : 280429.0/16

Left Out: 1799.120+/-0.426 χ^2/NDF : 55356.8/11

Right Out: 1922.430+/-0.519 χ^2/NDF : 351518.8/19

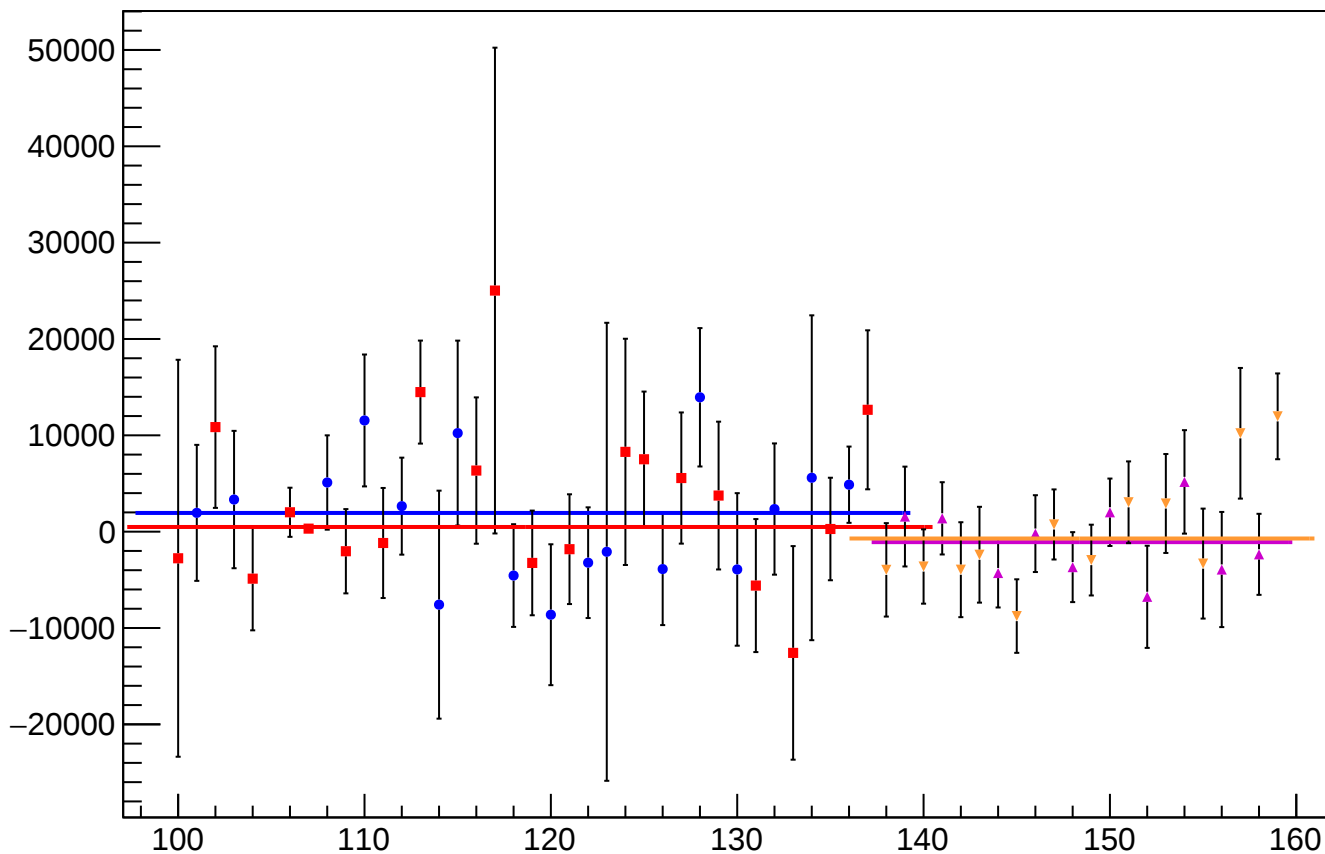
Left In: 1780.845+/-0.441 χ^2/NDF : 19714.1/9

1833.503+/-0.331 χ^2/NDF : 352090.0/28

1836.820+/-0.236 χ^2/NDF : 766721.5/58

1840.249+/-0.336 χ^2/NDF : 414426.8/29

asym_atl1r2_dd_correction_mean vs Slug, Sign Corrected



Right In: 1943.178+/-1581.060 χ^2/NDF : 13.2/16

Left Out: -709.115+/-1284.474 χ^2/NDF : 18.7/11

Right Out: 486.774+/-453.611 χ^2/NDF : 19.0/19

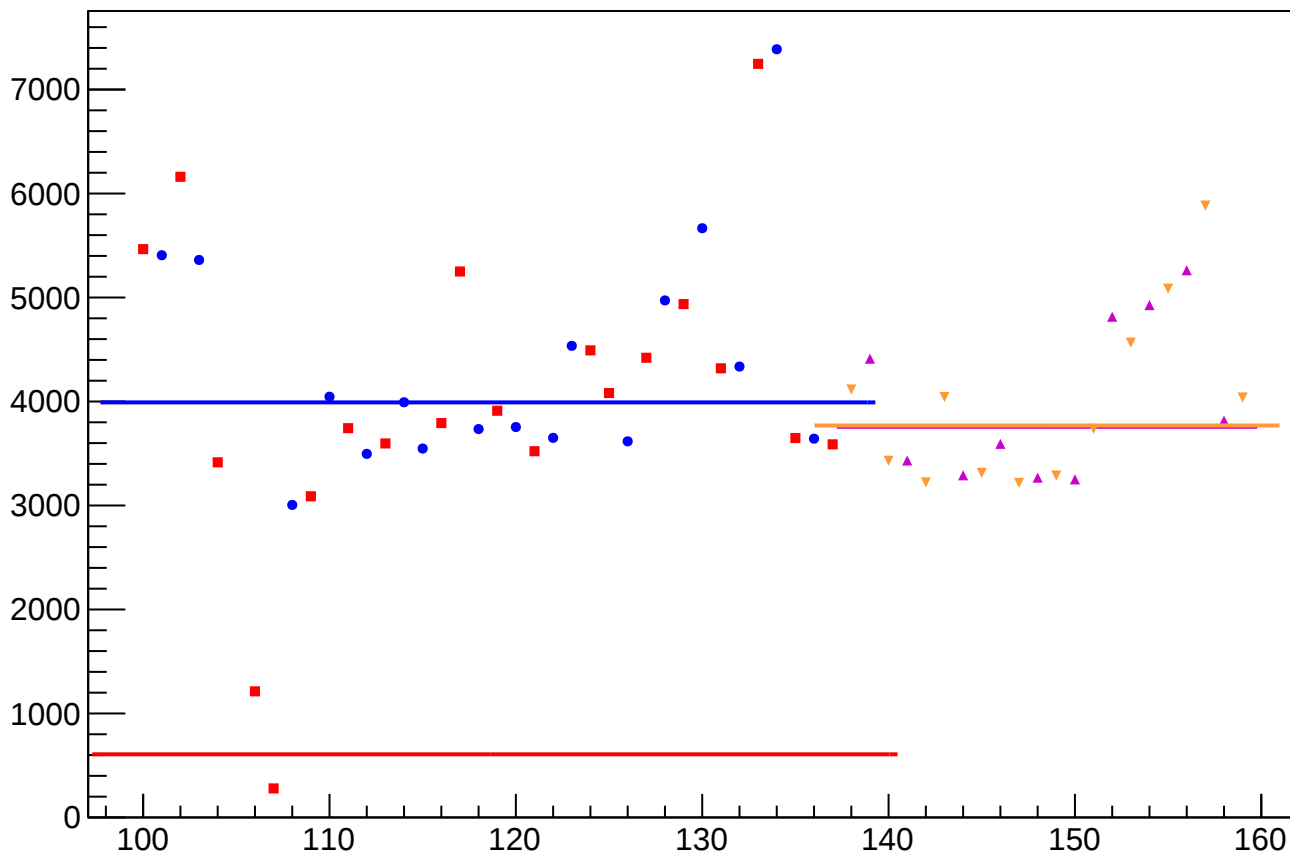
Left In: -1087.055+/-1334.431 χ^2/NDF : 5.7/9

345.426+/-996.941 χ^2/NDF : 33.6/28

327.146+/-394.433 χ^2/NDF : 59.5/58

323.754+/-429.476 χ^2/NDF : 25.9/29

asym_atl1r2_dd_correction_rms vs Slug, Sign Corrected



Right In: 3991.416 $\pm$ 1.118 χ^2 /NDF: 510782.7/16

Left Out: 3769.477 $\pm$ 0.908 χ^2 /NDF: 521900.8/11

Right Out: 607.234 $\pm$ 0.321 χ^2 /NDF: 10314440.1/19

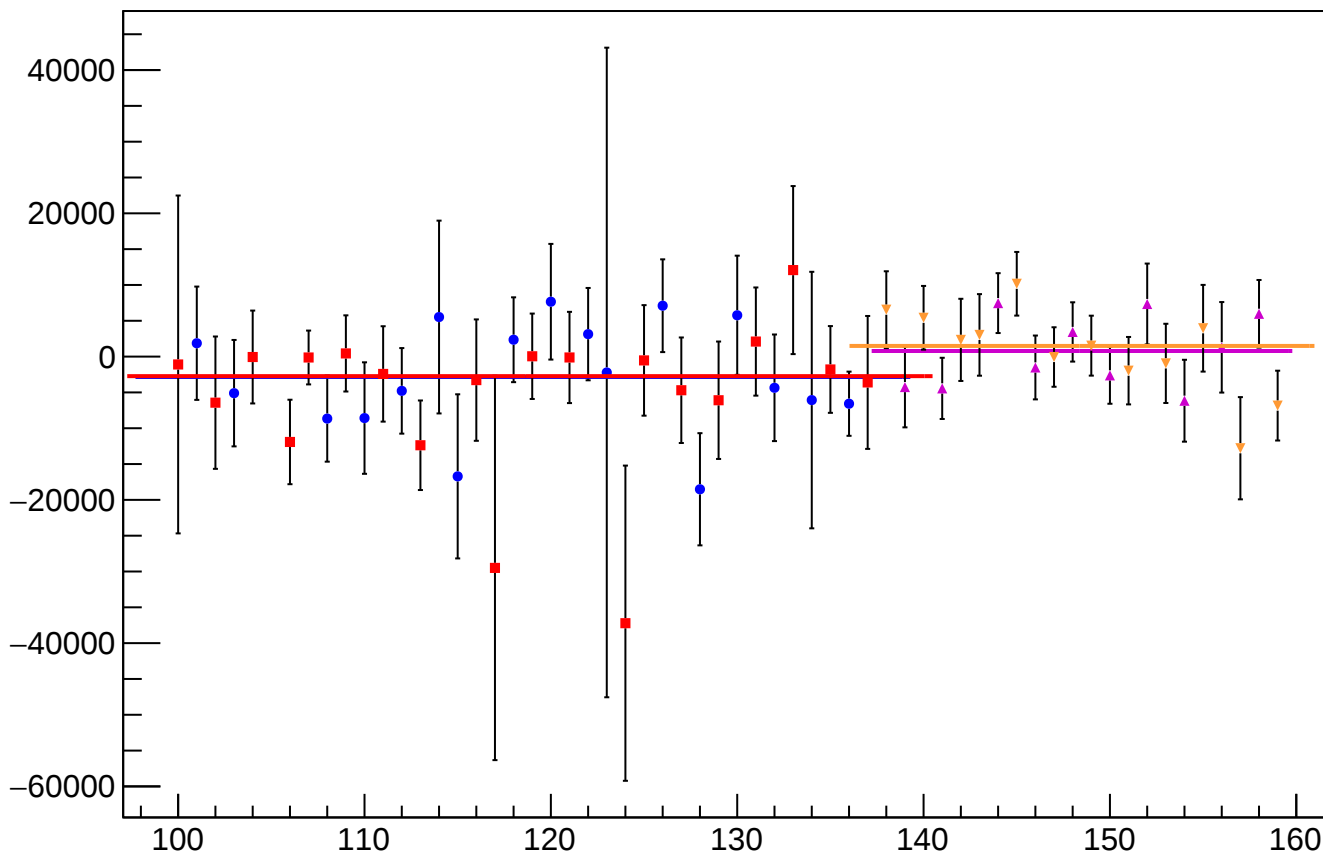
Left In: 3756.899 $\pm$ 0.944 χ^2 /NDF: 464095.5/9

3857.719 $\pm$ 0.705 χ^2 /NDF: 1056424.0/28

1391.224 $\pm$ 0.279 χ^2 /NDF: 36336812.8/5

933.484 $\pm$ 0.304 χ^2 /NDF: 20766493.8/29

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -2839.599+/-1786.019 χ^2/NDF : 15.4/16

Left Out: 1489.796+/-1444.508 χ^2/NDF : 13.5/11

Right Out: -2729.311+/-1572.398 χ^2/NDF : 12.2/19

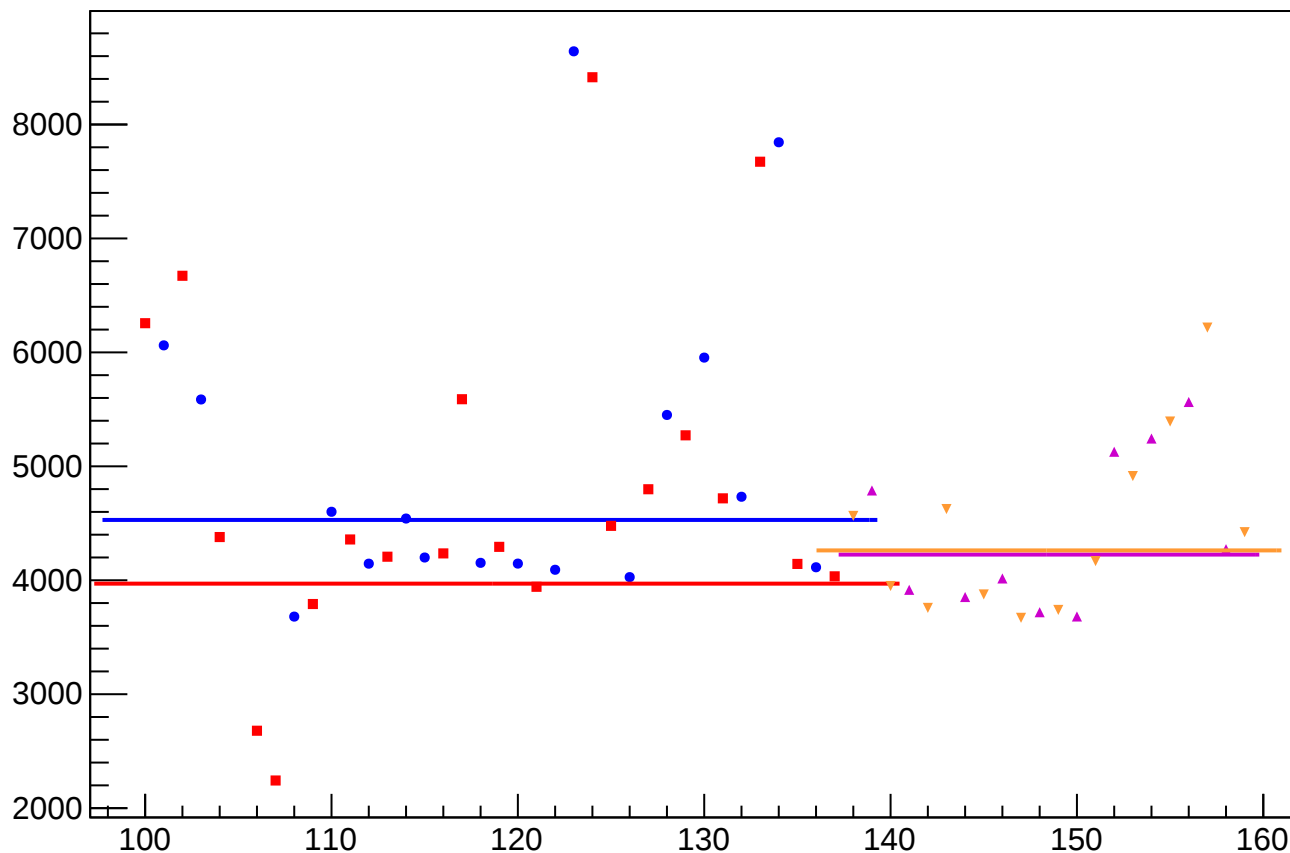
Left In: 781.956+/-1494.017 χ^2/NDF : 10.3/9

-222.283+/-1123.141 χ^2/NDF : 32.5/28

-565.145+/-779.631 χ^2/NDF : 57.8/58

-883.984+/-1083.079 χ^2/NDF : 25.1/29

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 4529.462+/-1.263 χ^2/NDF : 389326.2/16

Left Out: 4262.067+/-1.021 χ^2/NDF : 377653.1/11

Right Out: 3970.336+/-1.105 χ^2/NDF : 1147711.9/19

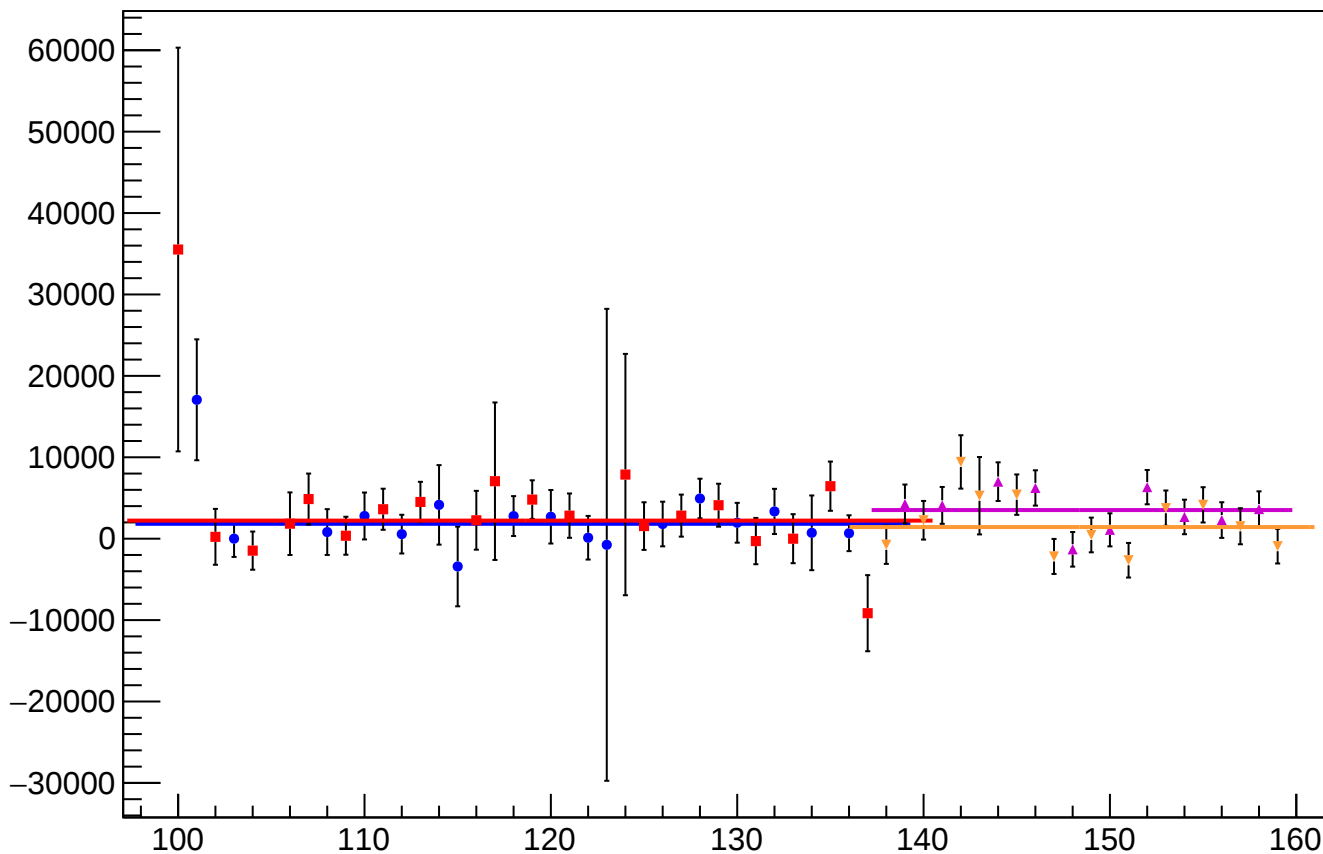
Left In: 4225.493+/-1.056 χ^2/NDF : 322980.1/9

4367.809+/-0.794 χ^2/NDF : 794080.6/28

4230.517+/-0.550 χ^2/NDF : 2350143.8/58

4103.619+/-0.764 χ^2/NDF : 1498555.8/29

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1830.102 $\pm$ 711.335 χ^2 /NDF: 9.7/16

Left Out: 1428.176 $\pm$ 679.339 χ^2 /NDF:20.8/11

Right Out: 2222.274 $\pm$ 682.500 χ^2 /NDF: 18.6/19

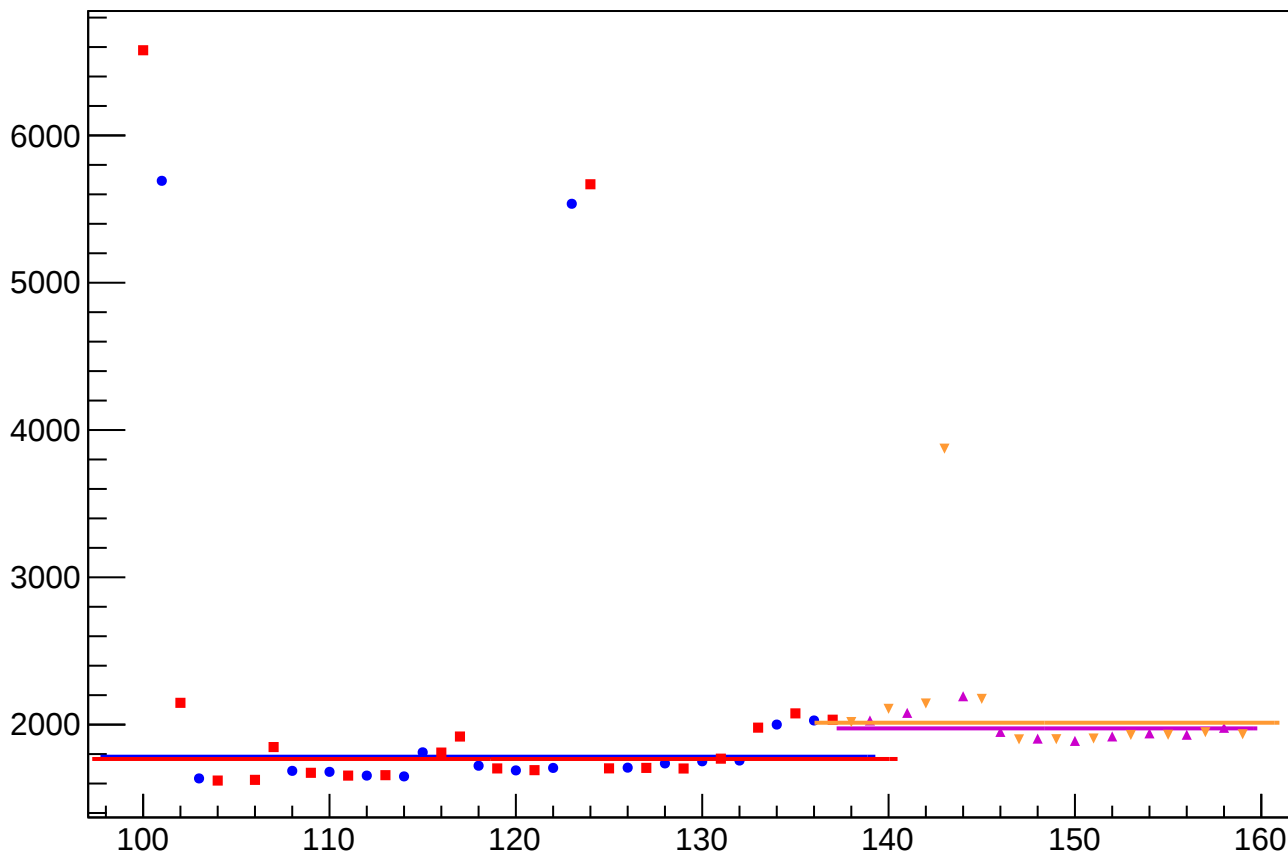
Left In: 3516.125 $\pm$ 691.491 χ^2 /NDF:12.7/9

1619.897 $\pm$ 491.287 χ^2 /NDF: 30.7/28

2247.350 $\pm$ 345.417 χ^2 /NDF: 67.0/58

2860.733 $\pm$ 485.748 χ^2 /NDF: 33.1/29

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1782.137+/-0.503 χ^2/NDF : 645188.8/16

Left Out: 2012.801+/-0.480 χ^2/NDF : 347652.1/11

Right Out: 1766.719+/-0.479 χ^2/NDF : 307297.1/19

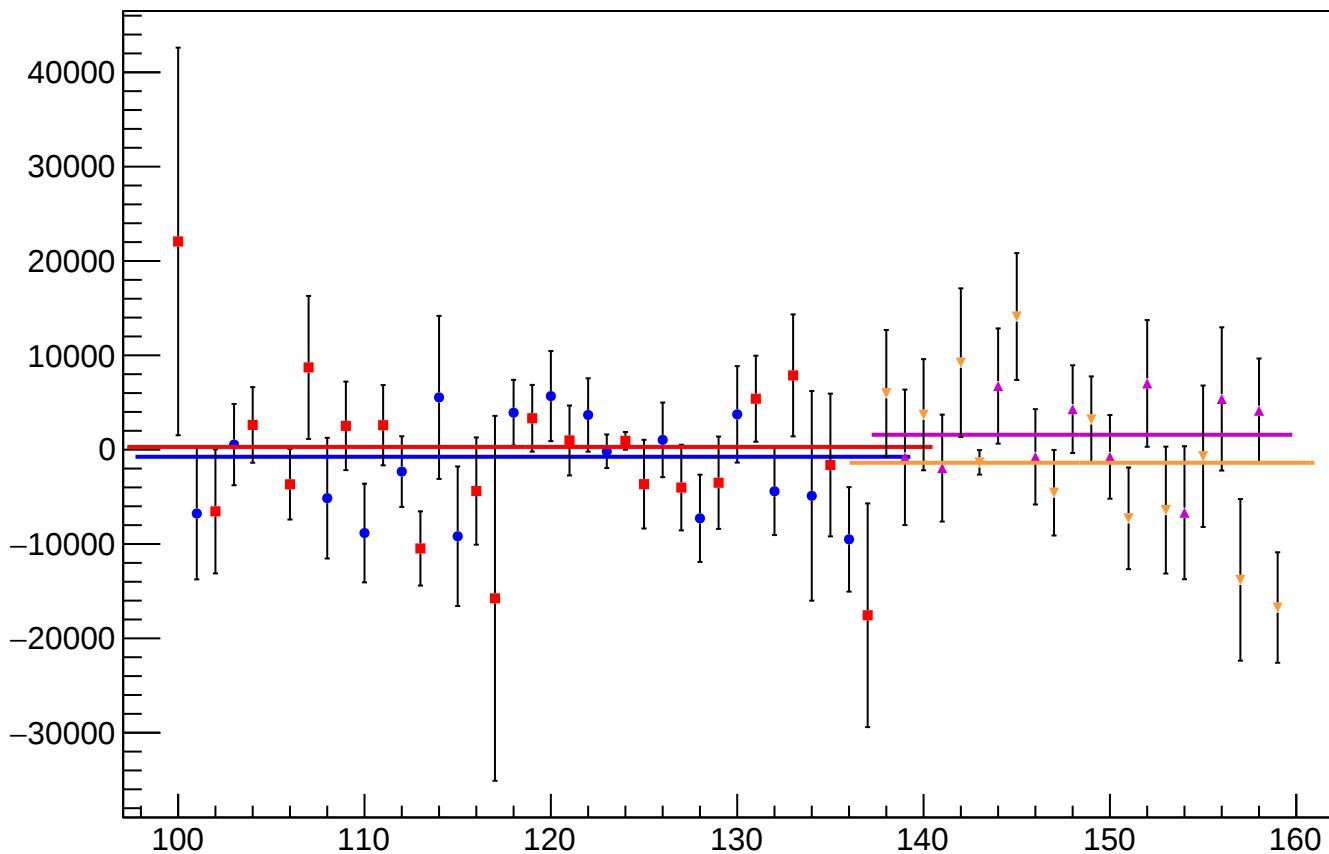
Left In: 1974.347+/-0.489 χ^2/NDF : 30765.0/9

1902.773+/-0.347 χ^2/NDF : 1102827.6/28

1885.365+/-0.244 χ^2/NDF : 1537791.6/58

1868.465+/-0.342 χ^2/NDF : 430015.1/29

asym_atr1l2_avg_correction_mean vs Slug, Sign Corrected



Right In: -753.428 $\pm$ 1008.523 χ^2/NDF : 16.9/16

Left Out: -1388.726 $\pm$ 1056.564 χ^2/NDF : 21.3/11

Right Out: 288.847 $\pm$ 724.622 χ^2/NDF : 22.7/19

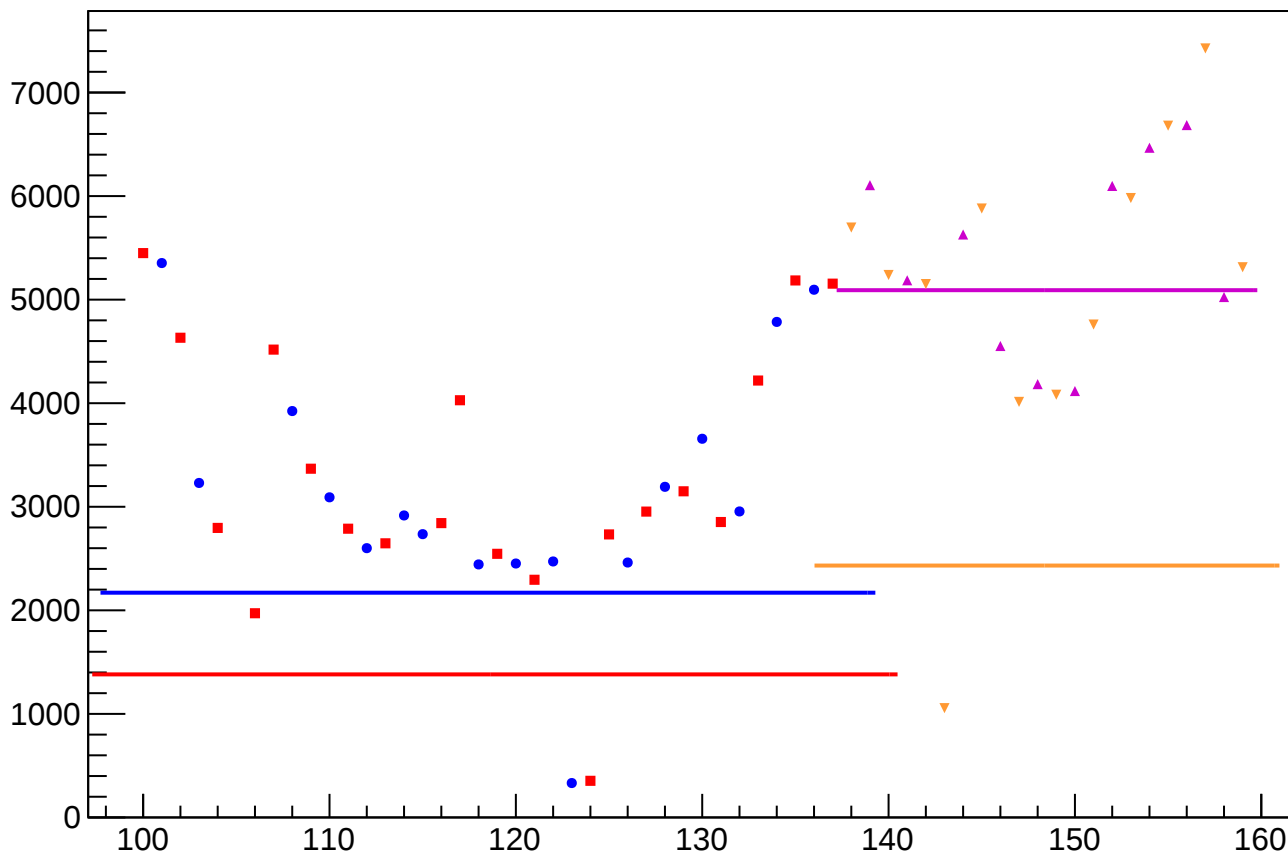
Left In: 1579.966 $\pm$ 1808.070 χ^2/NDF : 4.5/9

-1056.306 $\pm$ 729.526 χ^2/NDF : 38.4/28

-232.643 $\pm$ 494.508 χ^2/NDF : 68.5/58

467.524 $\pm$ 672.616 χ^2/NDF : 27.7/29

asym_atr1l2_avg_correction_rms vs Slug, Sign Corrected



Right In: 2170.242 $\pm$ 0.713 χ^2/NDF : 3973725.5/16

Left Out: 2432.380 $\pm$ 0.747 χ^2/NDF : 7179101.7/11

Right Out: 1381.438 $\pm$ 0.512 χ^2/NDF : 6884822.3/19

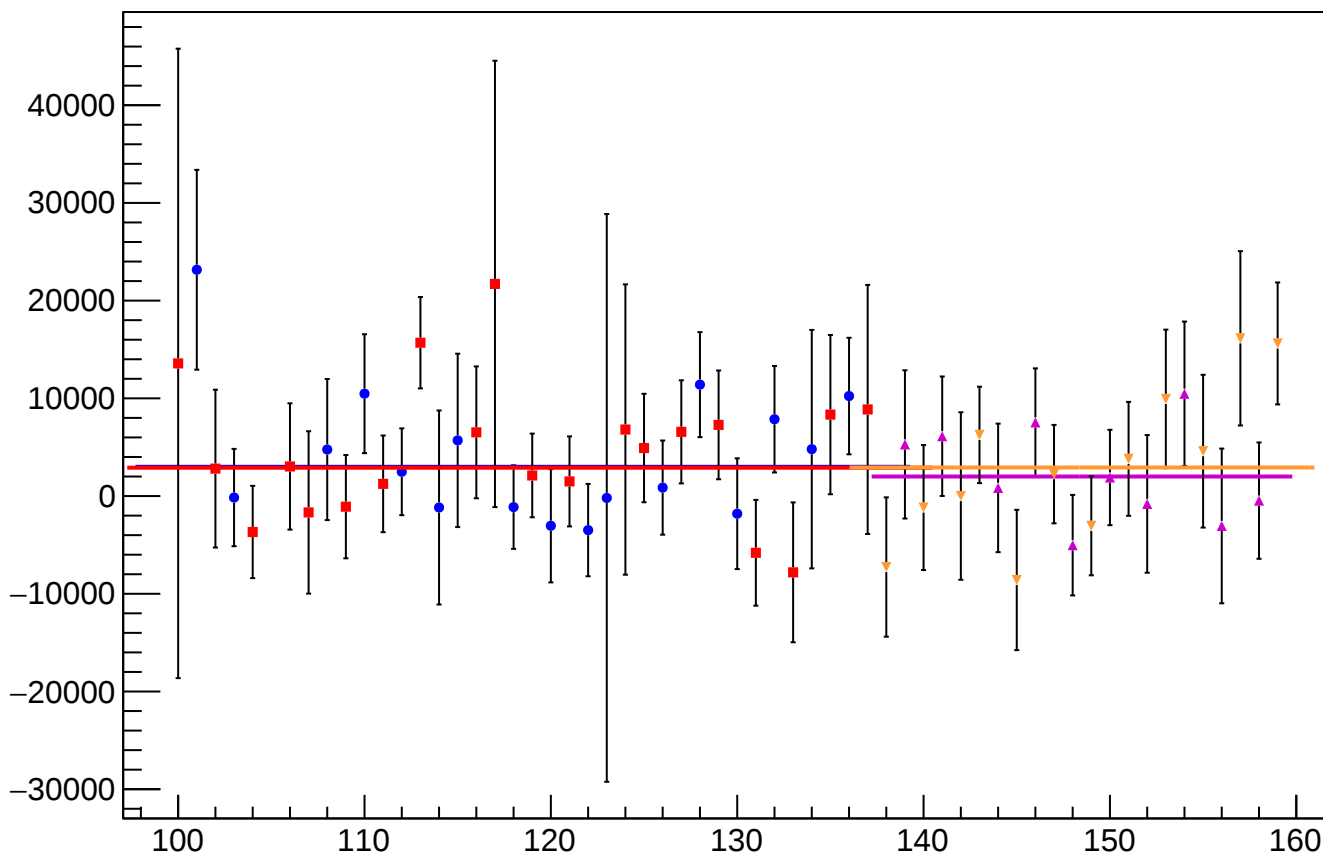
Left In: 5091.380 $\pm$ 1.278 χ^2/NDF : 460956.4/9

2295.216 $\pm$ 0.516 χ^2/NDF : 11217245.7/28

2078.813 $\pm$ 0.350 χ^2/NDF : 26143724.9/5

1894.856 $\pm$ 0.476 χ^2/NDF : 14600894.9/29

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 2992.806 $\pm$ 1447.211 χ^2 /NDF: 15.7/16

Left Out: 2922.658 $\pm$ 1824.072 χ^2 /NDF: 14.4/11

Right Out: 2901.985 $\pm$ 1376.603 χ^2 /NDF: 18.4/19

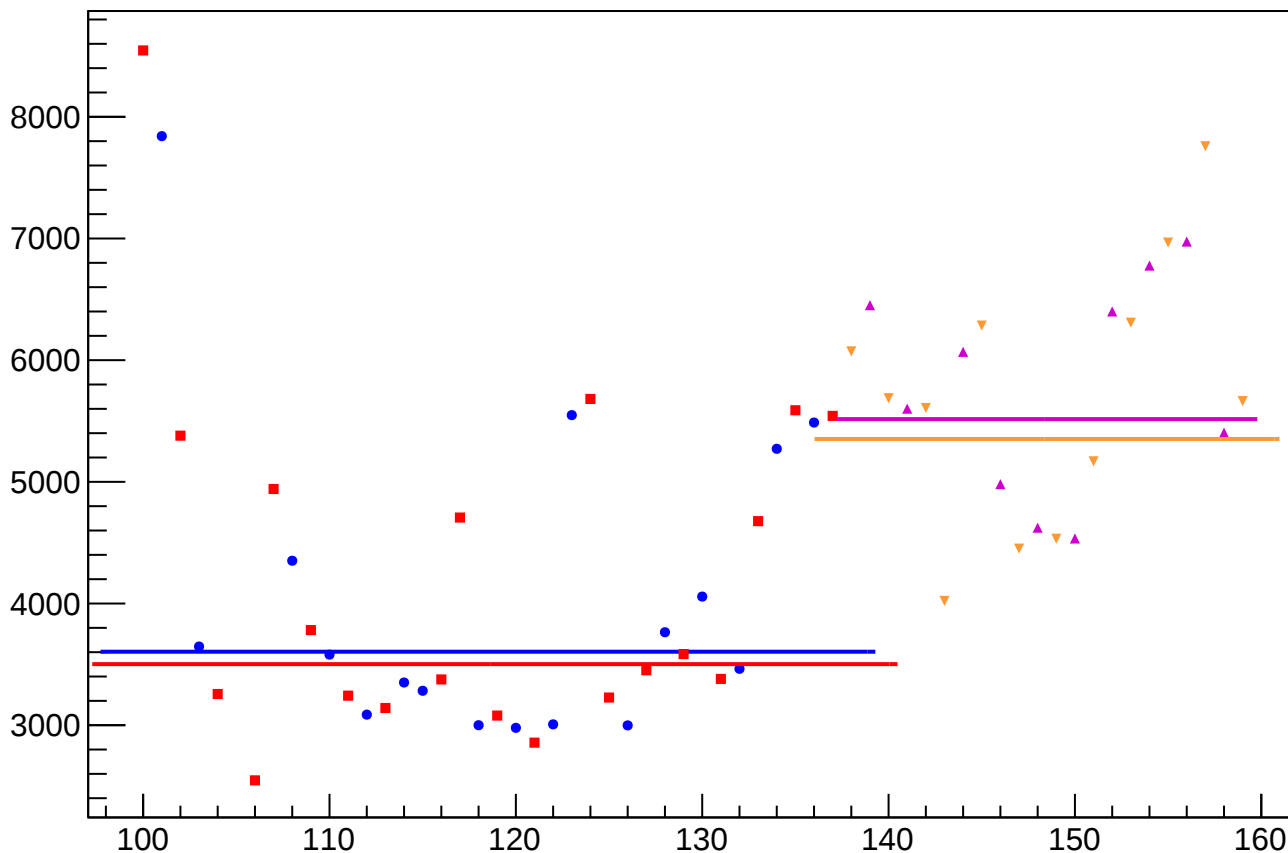
Left In: 2000.382 $\pm$ 1952.322 χ^2 /NDF: 5.6/9

2965.708 $\pm$ 1133.725 χ^2 /NDF: 30.1/28

2782.750 $\pm$ 798.580 χ^2 /NDF: 54.3/58

2602.582 $\pm$ 1125.049 χ^2 /NDF: 24.1/29

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 3603.930+/-1.023 χ^2/NDF : 784674.5/16

Left Out: 5352.304+/-1.290 χ^2/NDF : 597450.1/11

Right Out: 3501.857+/-0.960 χ^2/NDF : 667483.1/19

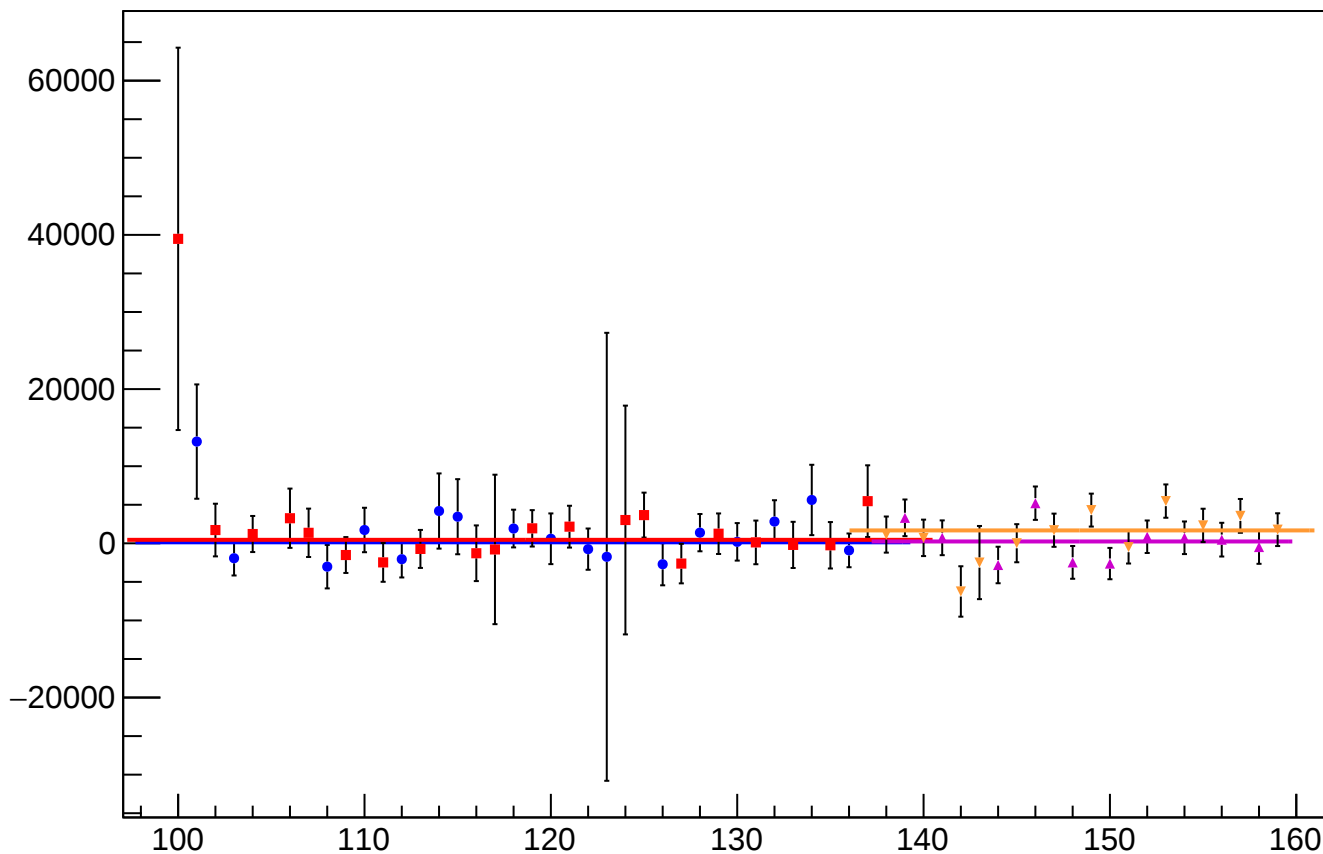
Left In: 5515.737+/-1.381 χ^2/NDF : 363223.6/9

4279.332+/-0.802 χ^2/NDF : 2509760.6/28

4217.746+/-0.562 χ^2/NDF : 4986586.9/58

4158.223+/-0.788 χ^2/NDF : 2465220.5/29

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 130.913 $\pm$ 709.207 χ^2 /NDF: 12.2/16

Left Out: 1673.725 $\pm$ 677.676 χ^2 /NDF:13.8/11

Right Out: 452.872 $\pm$ 680.160 χ^2 /NDF: 10.7/19

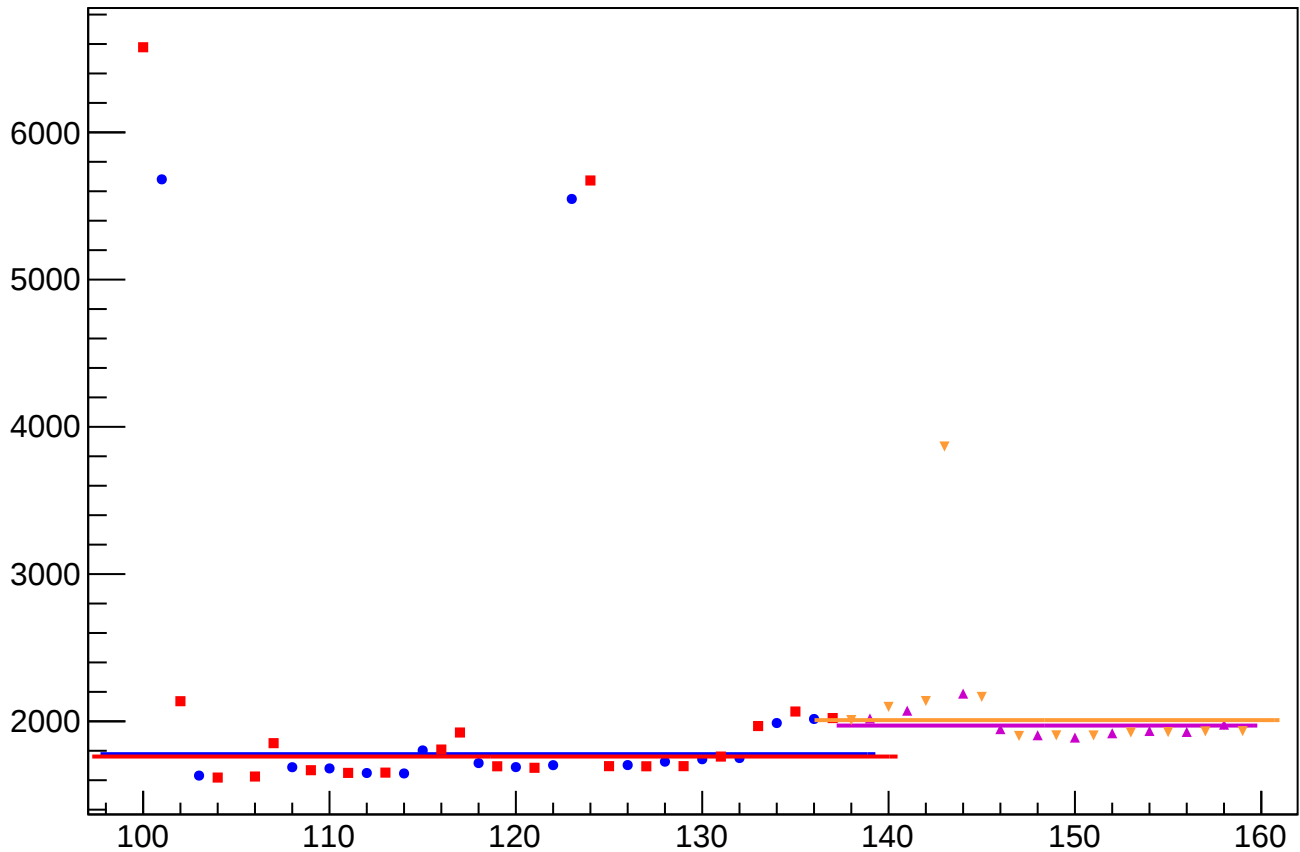
Left In: 240.387 $\pm$ 690.351 χ^2 /NDF:12.5/9

937.377 $\pm$ 489.957 χ^2 /NDF: 28.4/28

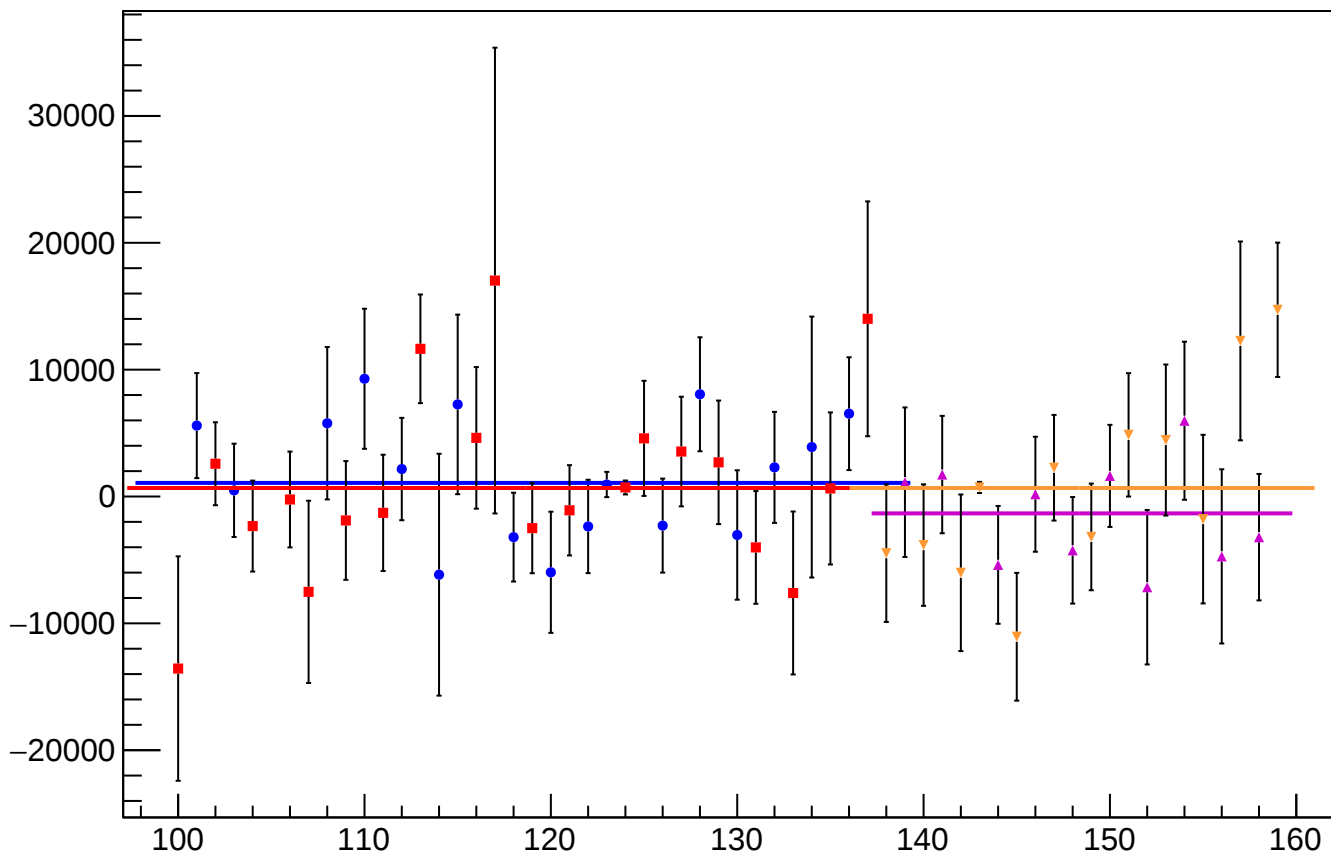
639.499 $\pm$ 344.510 χ^2 /NDF: 52.5/58

348.209 $\pm$ 484.509 χ^2 /NDF: 23.3/29

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



asym_atr1l2_dd_correction_mean vs Slug, Sign Corrected



Right In: 1072.194 $\pm$ 752.280 χ^2 /NDF: 15.6/16

Left Out: 670.339 $\pm$ 422.815 χ^2 /NDF: 19.9/11

Right Out: 670.313 $\pm$ 487.861 χ^2 /NDF: 20.6/19

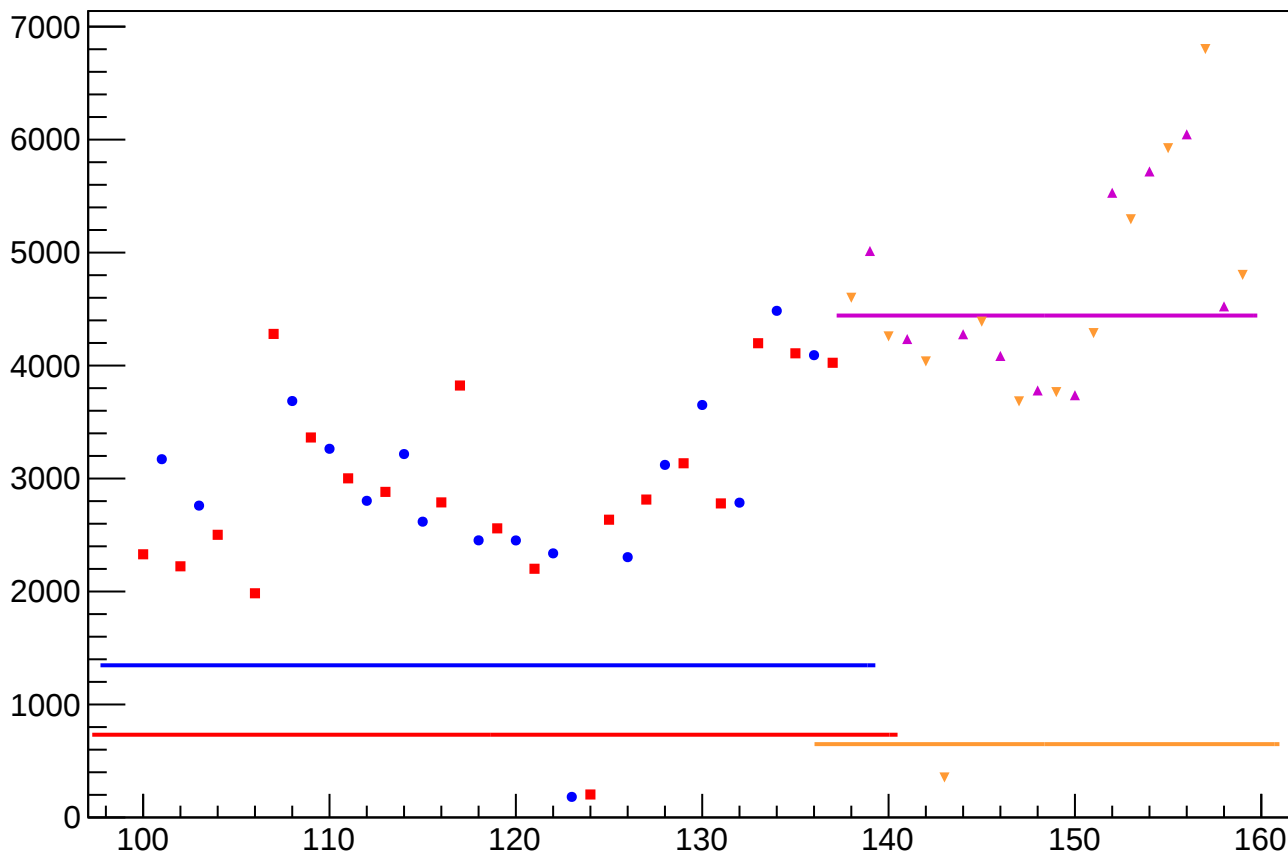
Left In: -1330.313 $\pm$ 1574.989 χ^2 /NDF: 5.2/9

766.808 $\pm$ 368.587 χ^2 /NDF: 35.7/28

662.270 $\pm$ 289.092 χ^2 /NDF: 63.1/58

495.161 $\pm$ 466.017 χ^2 /NDF: 27.2/29

asym_atr1l2_dd_correction_rms vs Slug, Sign Corrected



Right In: 1346.836 $\pm$ 0.532 χ^2 /NDF: 6839112.6/16

Left Out: 649.060 $\pm$ 0.299 χ^2 /NDF:13028091.9/11

Right Out: 732.303 $\pm$ 0.345 χ^2 /NDF: 9559853.6/19

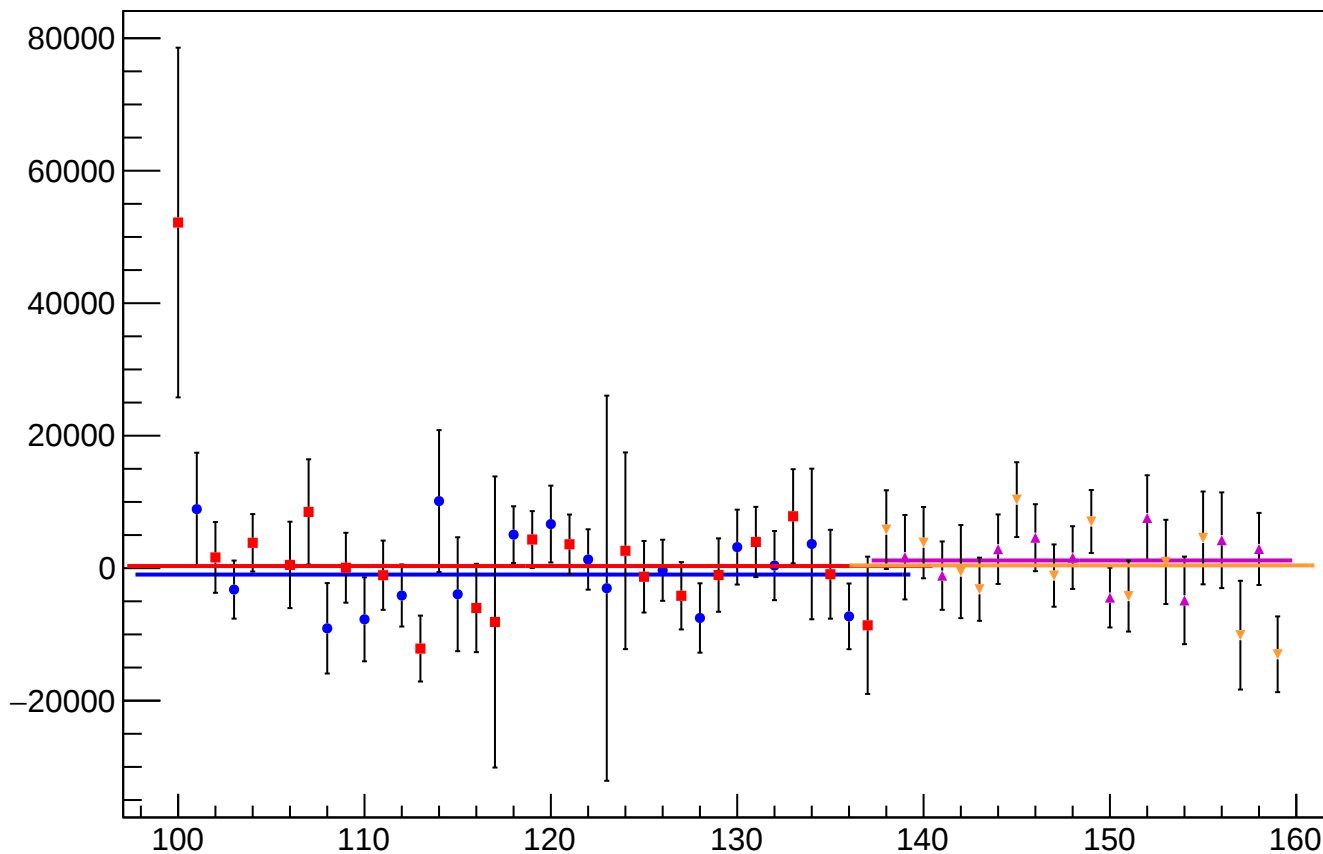
Left In: 4442.759 $\pm$ 1.114 χ^2 /NDF:406244.0/9

816.569 $\pm$ 0.261 χ^2 /NDF: 21174825.4/28

909.151 $\pm$ 0.204 χ^2 /NDF: 41597188.5/58

1057.148 $\pm$ 0.330 χ^2 /NDF: 20094466.5/29

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -964.151+/-1395.626 χ^2/NDF : 13.7/16

Left Out: 416.213+/-1636.124 χ^2/NDF : 15.2/11

Right Out: 323.694+/-1327.331 χ^2/NDF : 17.8/19

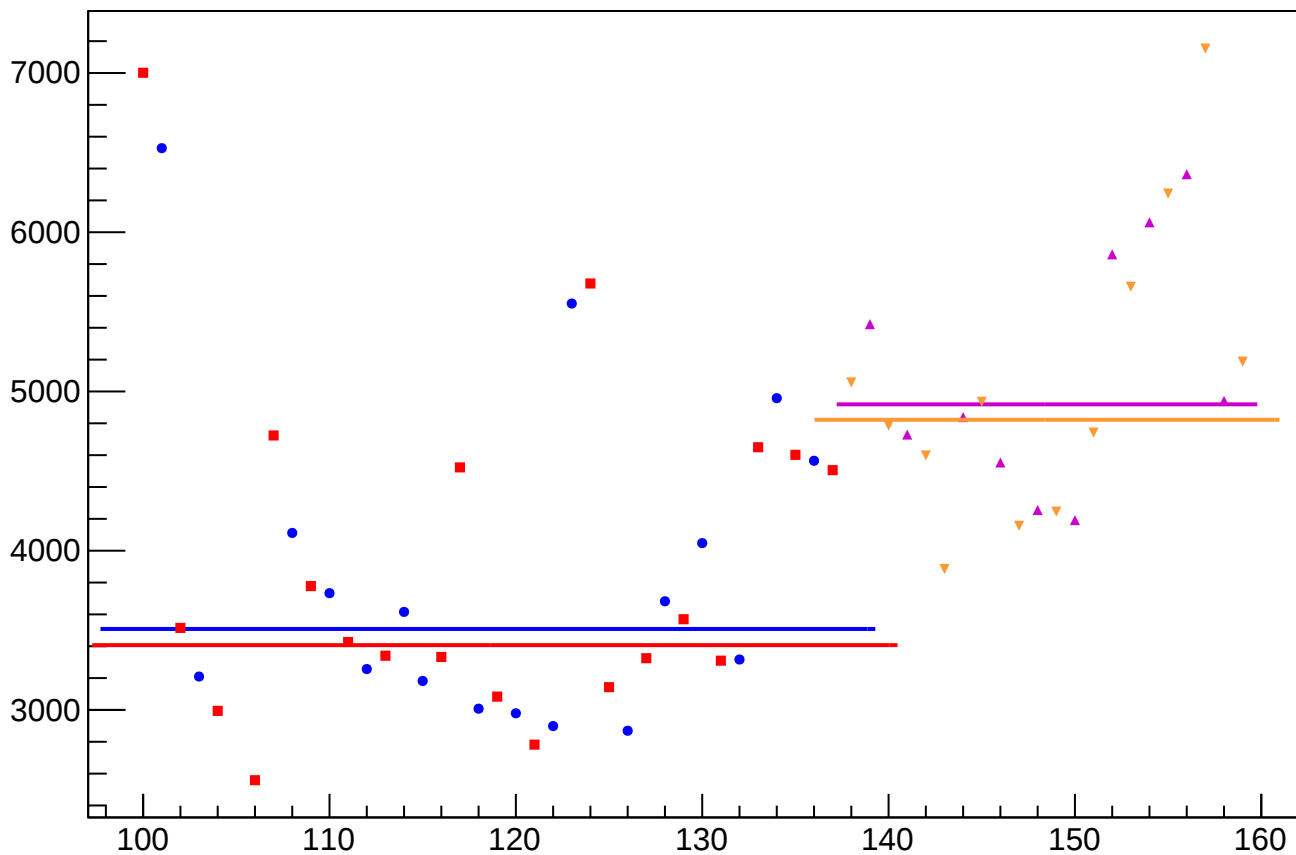
Left In: 1165.136+/-1737.533 χ^2/NDF : 4.4/9

-382.784+/-1061.805 χ^2/NDF : 29.4/28

128.872+/-748.312 χ^2/NDF : 52.2/58

633.778+/-1054.777 χ^2/NDF : 22.3/29

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3508.483+/-0.987 χ^2/NDF : 562197.7/16

Left Out: 4822.151+/-1.157 χ^2/NDF : 439692.2/11

Right Out: 3406.868+/-0.926 χ^2/NDF : 433737.9/19

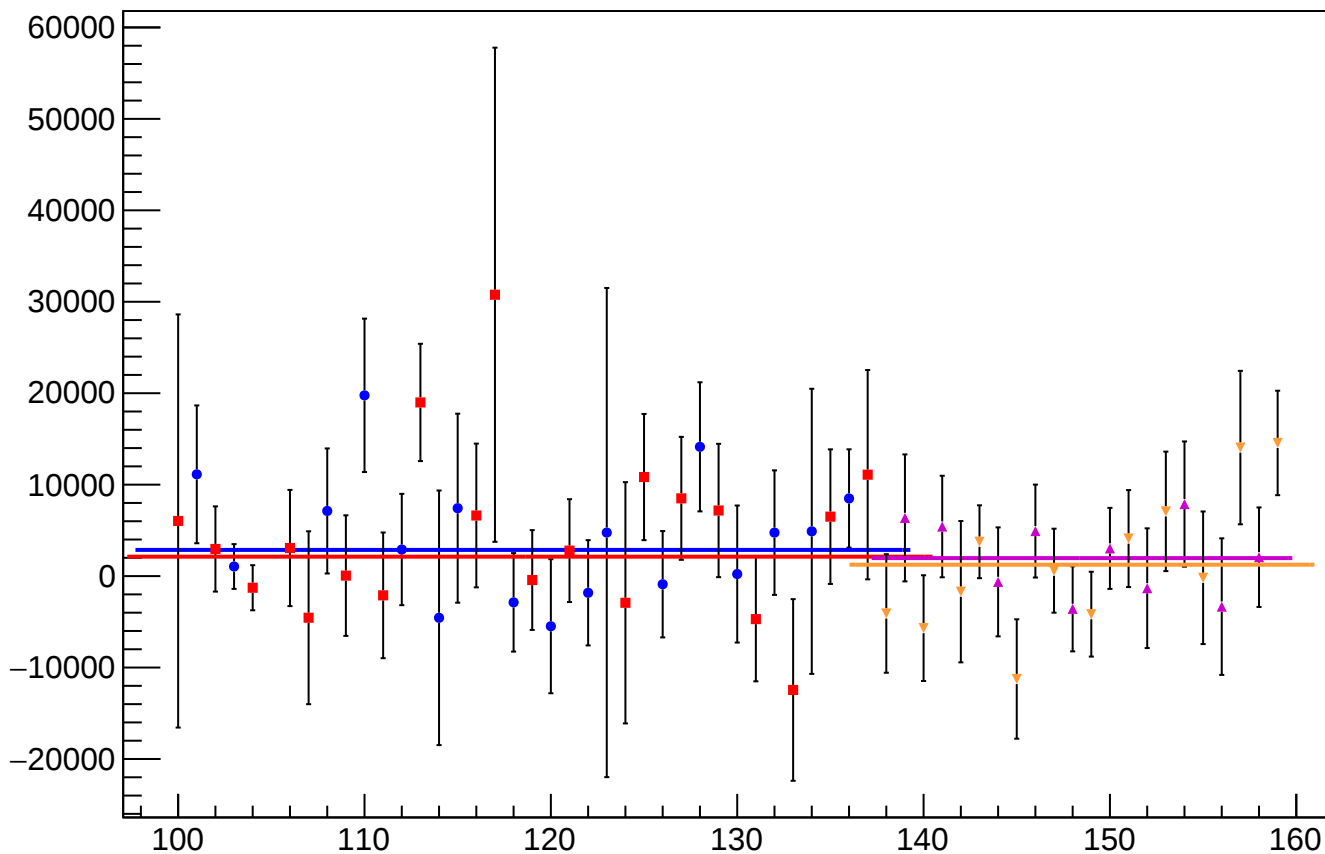
Left In: 4919.128+/-1.229 χ^2/NDF : 299884.8/9

4061.757+/-0.751 χ^2/NDF : 1748205.5/28

4007.611+/-0.527 χ^2/NDF : 3457907.7/58

3955.053+/-0.740 χ^2/NDF : 1699453.2/29

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2864.770 $\pm$ 1452.658 χ^2 /NDF: 14.1/16

Left Out: 1246.521 $\pm$ 1635.866 χ^2 /NDF: 16.6/11

Right Out: 2126.105 $\pm$ 1379.774 χ^2 /NDF: 18.8/19

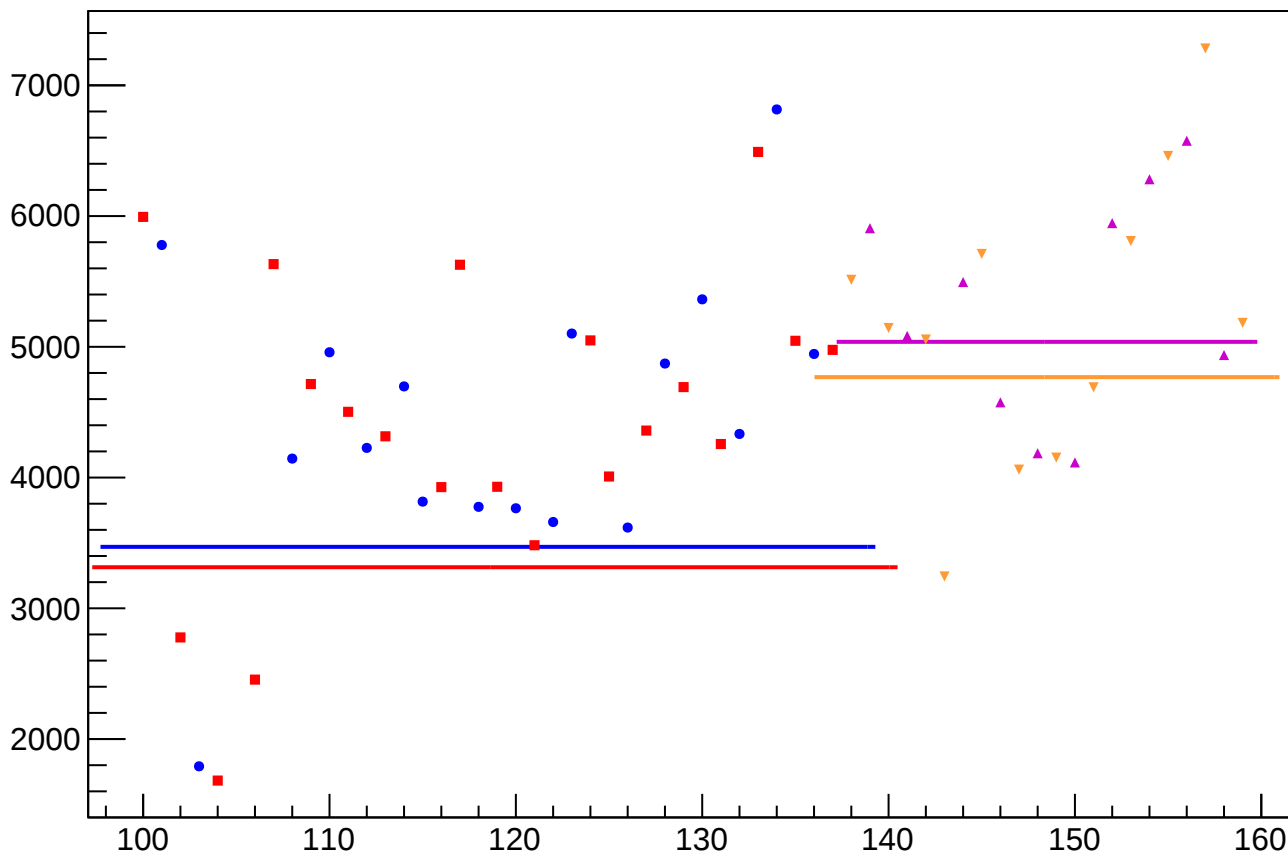
Left In: 1968.331 $\pm$ 1785.752 χ^2 /NDF: 4.3/9

2151.302 $\pm$ 1086.206 χ^2 /NDF: 31.2/28

2109.431 $\pm$ 770.045 χ^2 /NDF: 54.3/58

2067.125 $\pm$ 1091.831 χ^2 /NDF: 23.1/29

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3470.042+/-1.027 χ^2/NDF : 1760860.6/16

Left Out: 4768.058+/-1.157 χ^2/NDF : 804971.4/11

Right Out: 3314.183+/-0.967 χ^2/NDF : 1925484.9/19

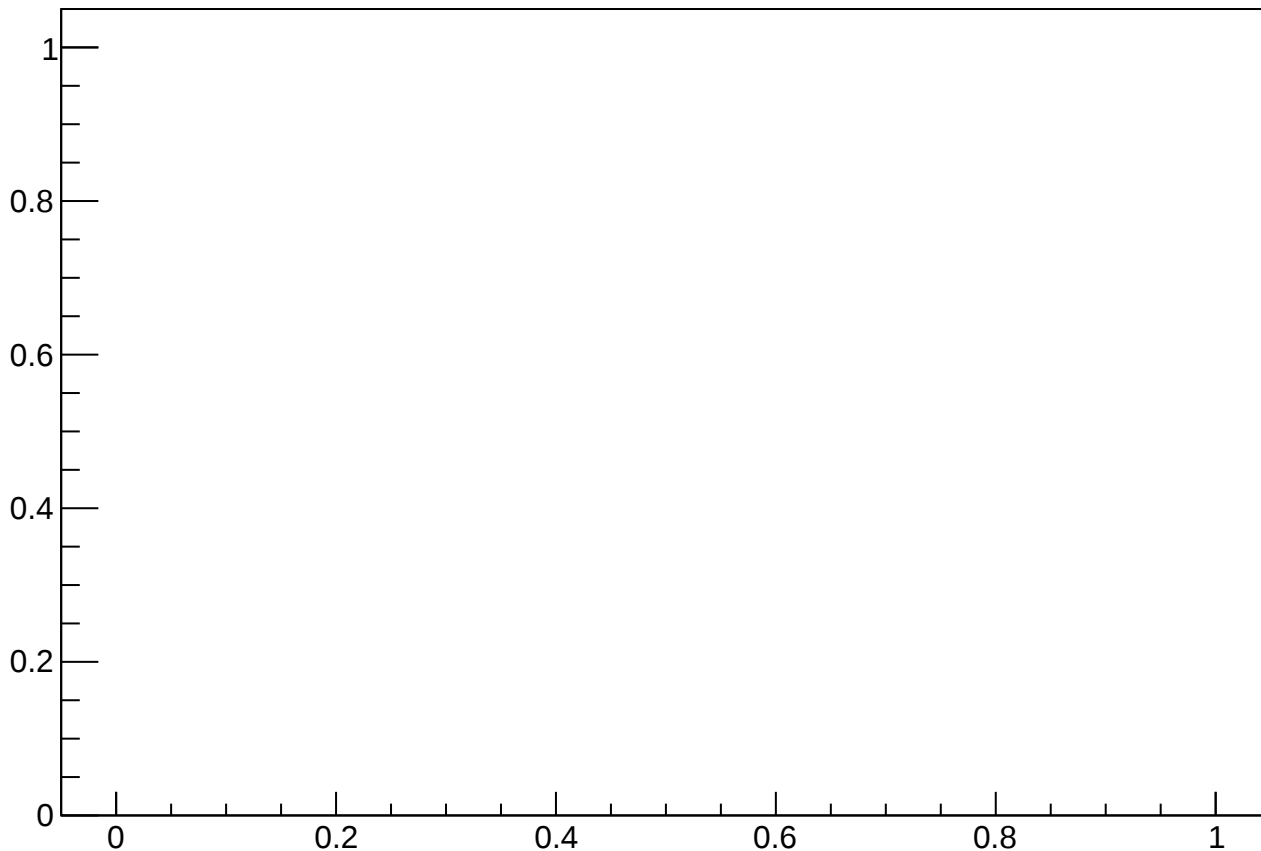
Left In: 5038.105+/-1.263 χ^2/NDF : 403610.9/9

4042.307+/-0.768 χ^2/NDF : 3269879.7/28

3996.757+/-0.543 χ^2/NDF : 6781104.0/58

3951.258+/-0.768 χ^2/NDF : 3504193.7/29

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

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

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

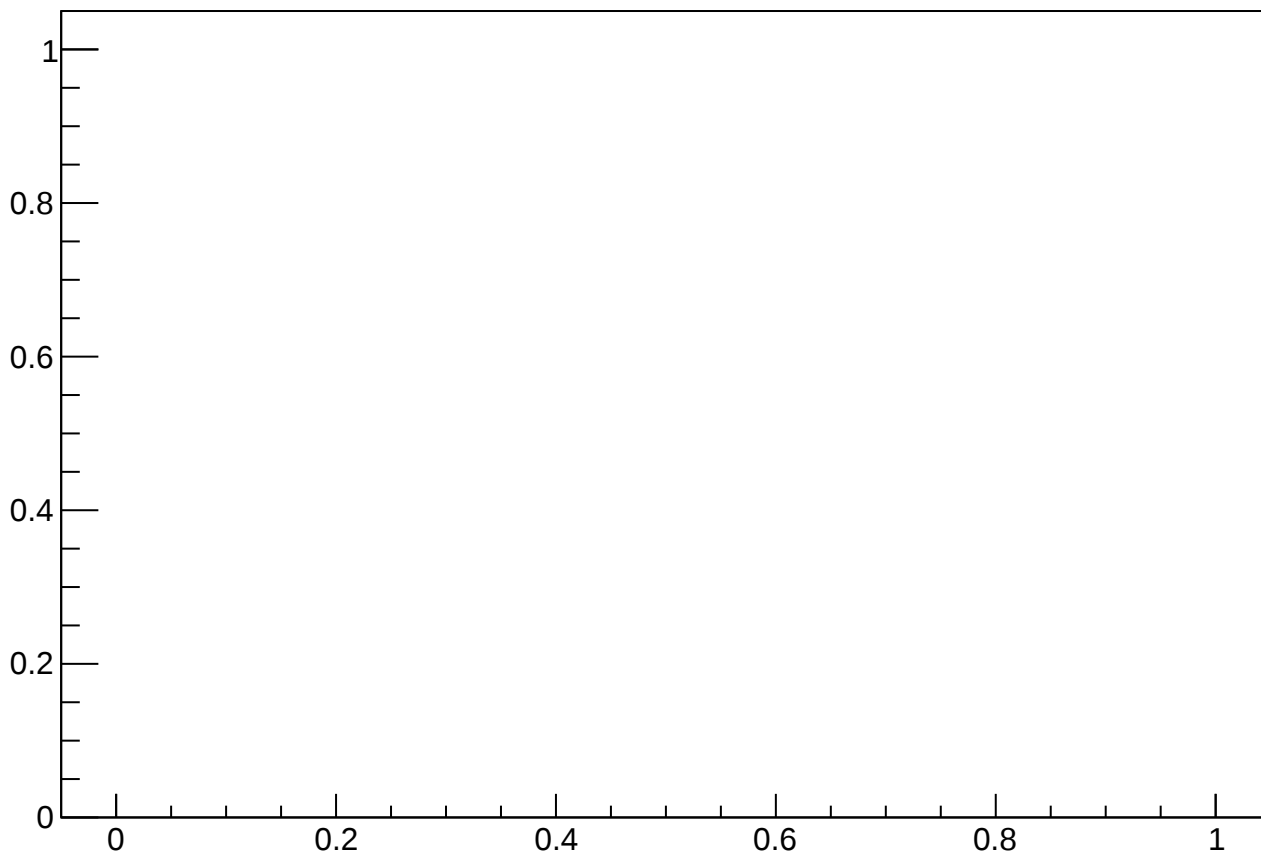
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



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

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

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

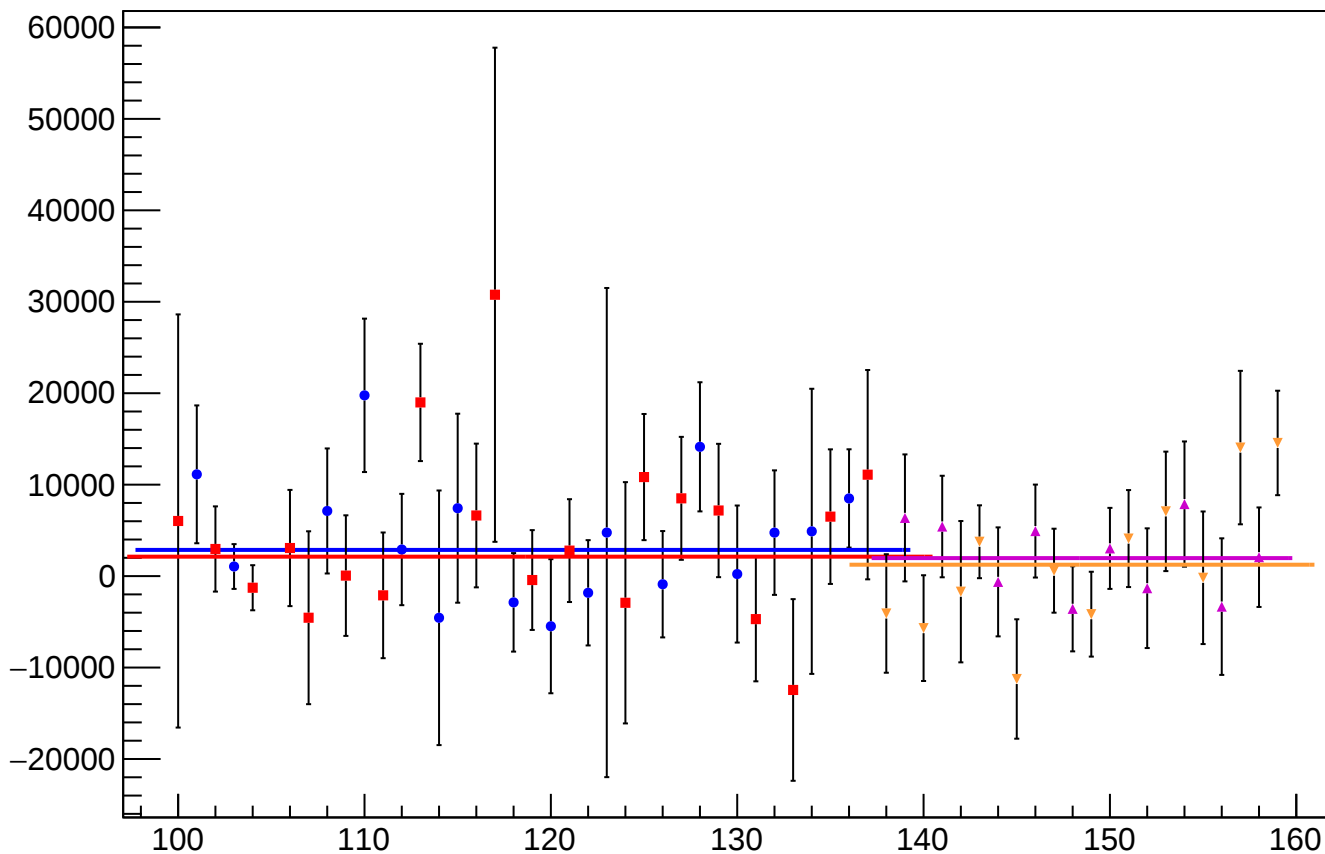
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2864.770 $\pm$ 1452.658 χ^2 /NDF: 14.1/16

Left Out: 1246.521 $\pm$ 1635.866 χ^2 /NDF: 16.6/11

Right Out: 2126.105 $\pm$ 1379.774 χ^2 /NDF: 18.8/19

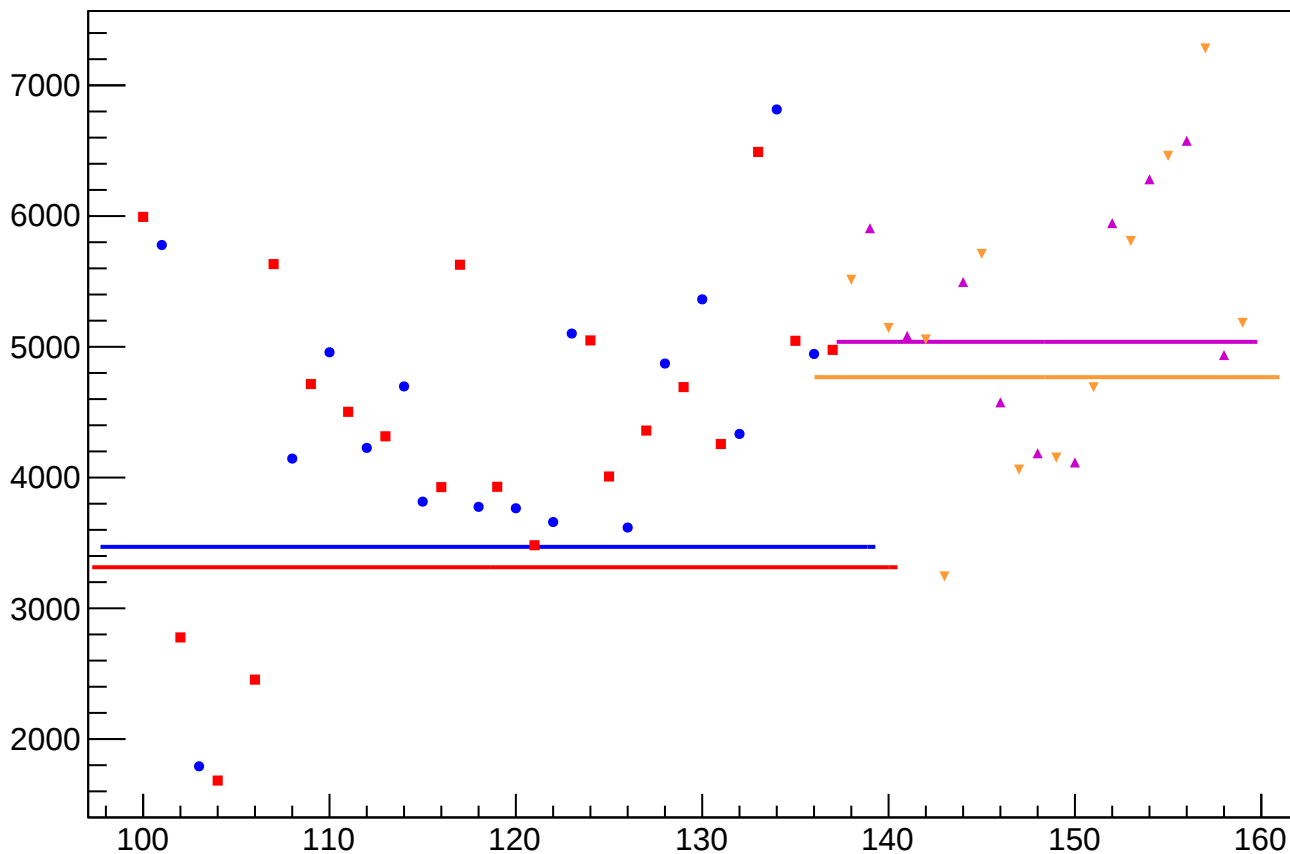
Left In: 1968.331 $\pm$ 1785.752 χ^2 /NDF: 4.3/9

2151.302 $\pm$ 1086.206 χ^2 /NDF: 31.2/28

2109.431 $\pm$ 770.045 χ^2 /NDF: 54.3/58

2067.125 $\pm$ 1091.831 χ^2 /NDF: 23.1/29

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3470.042 +/- 1.027 χ^2/NDF : 1760860.6/16

Left Out: 4768.058 +/- 1.157 χ^2/NDF : 804971.4/11

Right Out: 3314.183 +/- 0.967 χ^2/NDF : 1925484.9/19

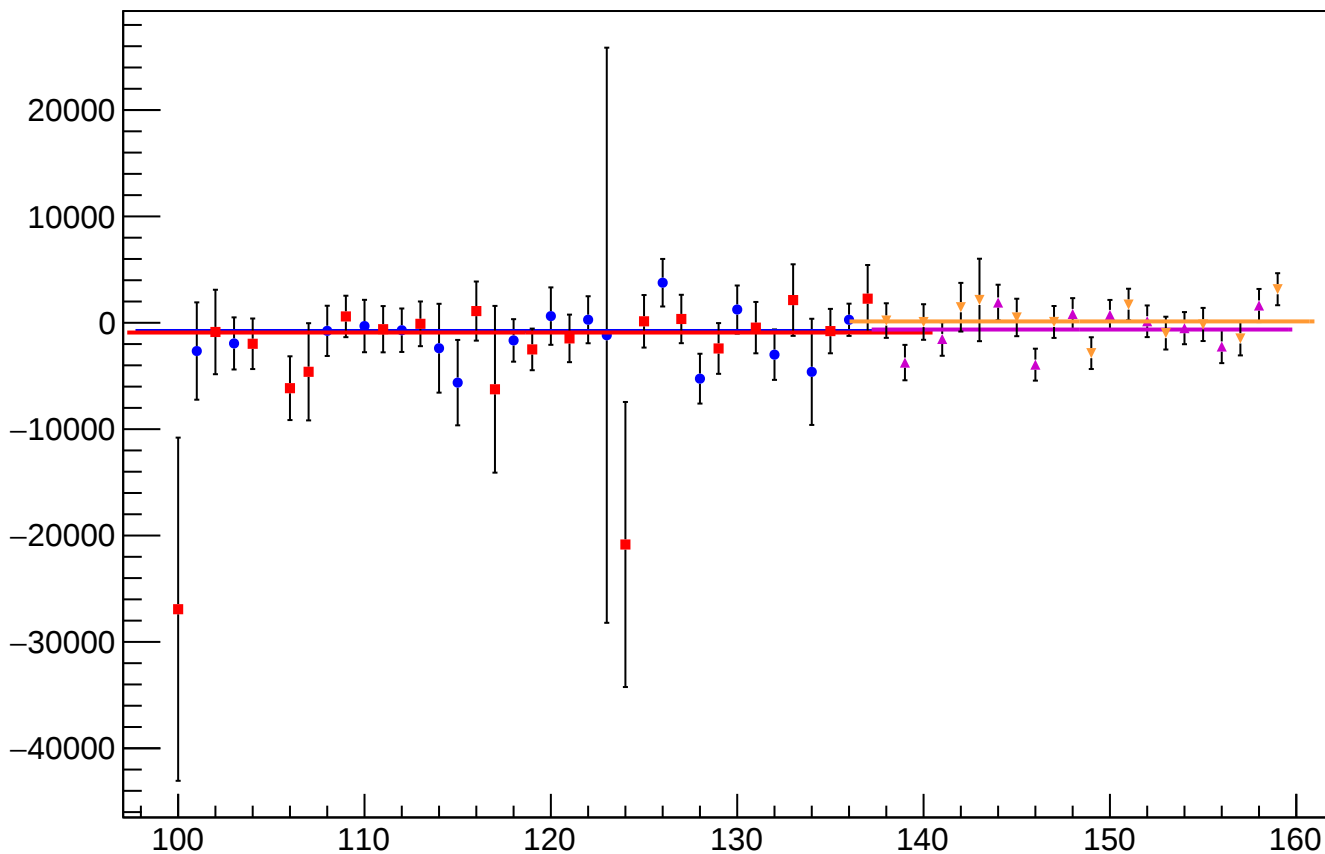
Left In: 5038.105 +/- 1.263 χ^2/NDF : 403610.9/9

4042.307 +/- 0.768 χ^2/NDF : 3269879.7/28

3996.757 +/- 0.543 χ^2/NDF : 6781104.0/58

3951.258 +/- 0.768 χ^2/NDF : 3504193.7/29

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -771.153+/-603.689 χ^2 /NDF: 13.3/16

Left Out: 129.282+/-480.716 χ^2 /NDF:11.4/11

Right Out: -915.893+/-593.346 χ^2 /NDF: 14.0/19

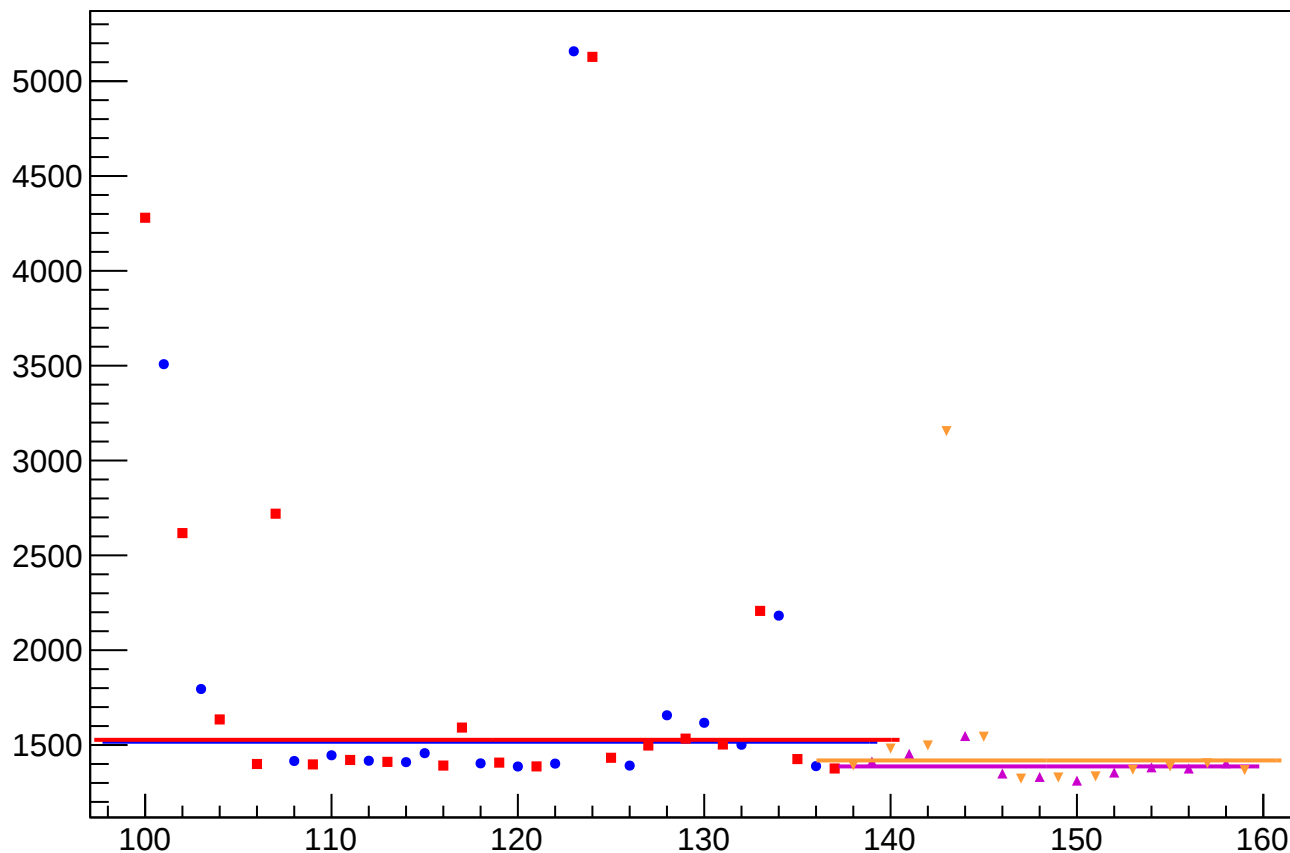
Left In: -633.929+/-486.404 χ^2 /NDF:16.3/9

-220.121+/-376.054 χ^2 /NDF: 26.0/28

-483.612+/-265.949 χ^2 /NDF: 57.4/58

-747.256+/-376.164 χ^2 /NDF: 30.4/29

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1517.334+/-0.427 χ^2/NDF : 536662.7/16

Left Out: 1418.722+/-0.340 χ^2/NDF : 444325.5/11

Right Out: 1527.378+/-0.420 χ^2/NDF : 631820.9/19

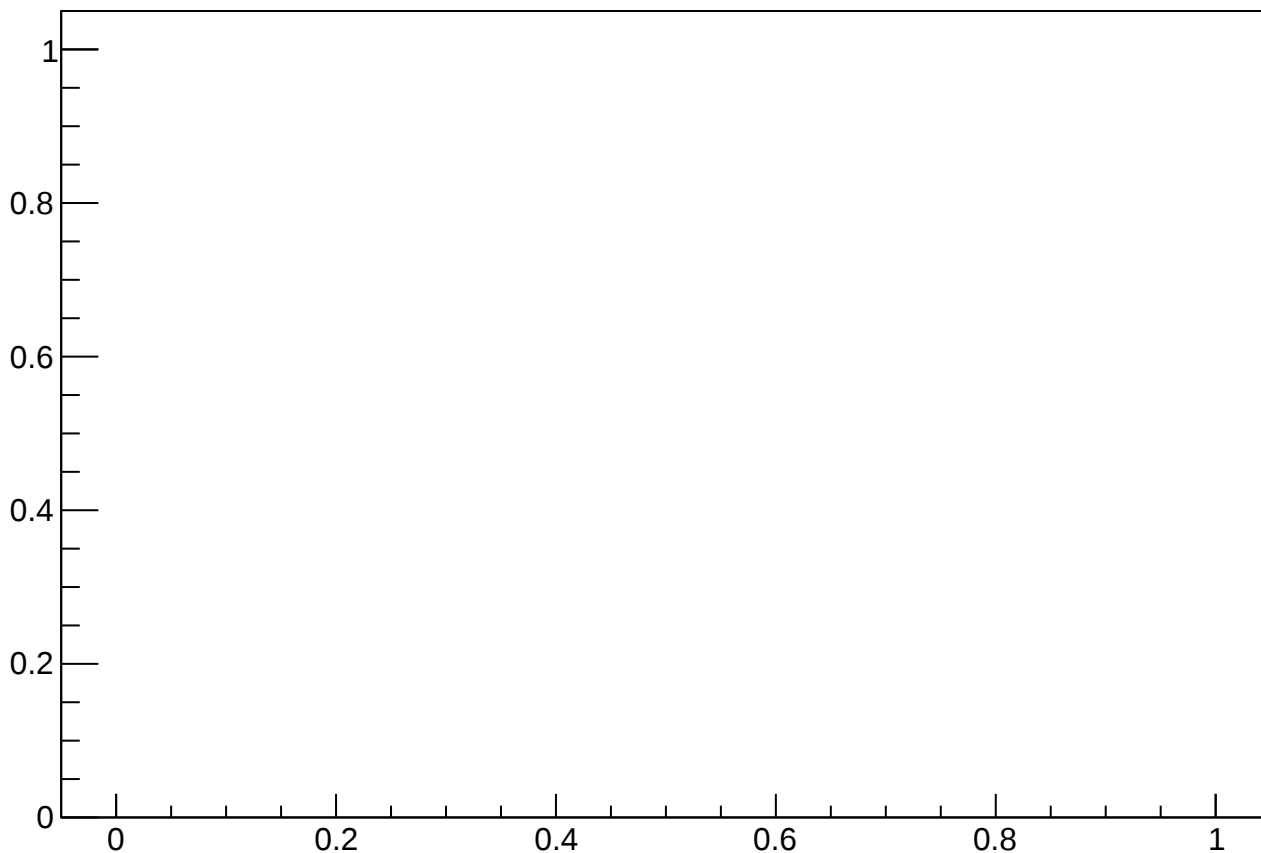
Left In: 1387.140+/-0.344 χ^2/NDF : 33282.7/9

1456.987+/-0.266 χ^2/NDF : 1013646.3/28

1450.248+/-0.188 χ^2/NDF : 1746854.6/58

1443.505+/-0.266 χ^2/NDF : 731923.3/29

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

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

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

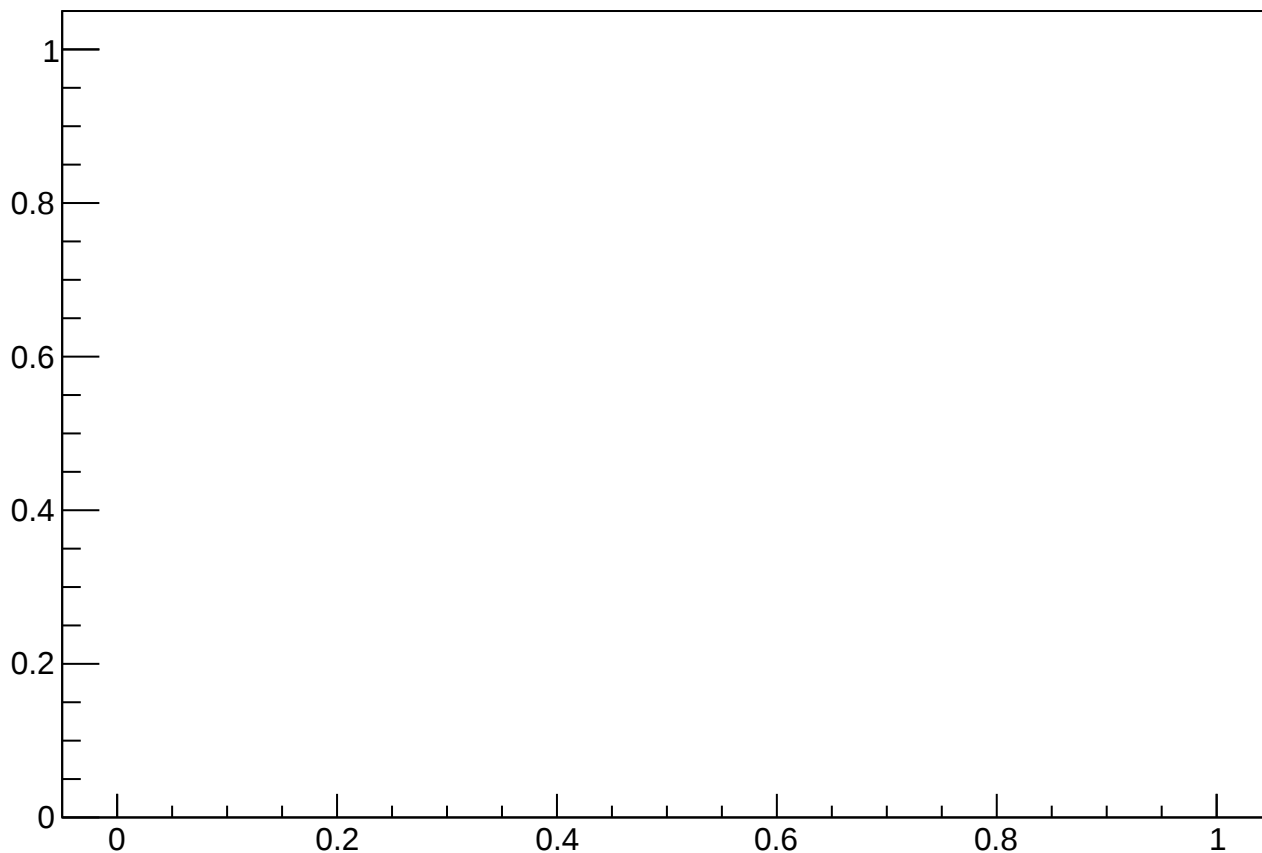
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

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

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

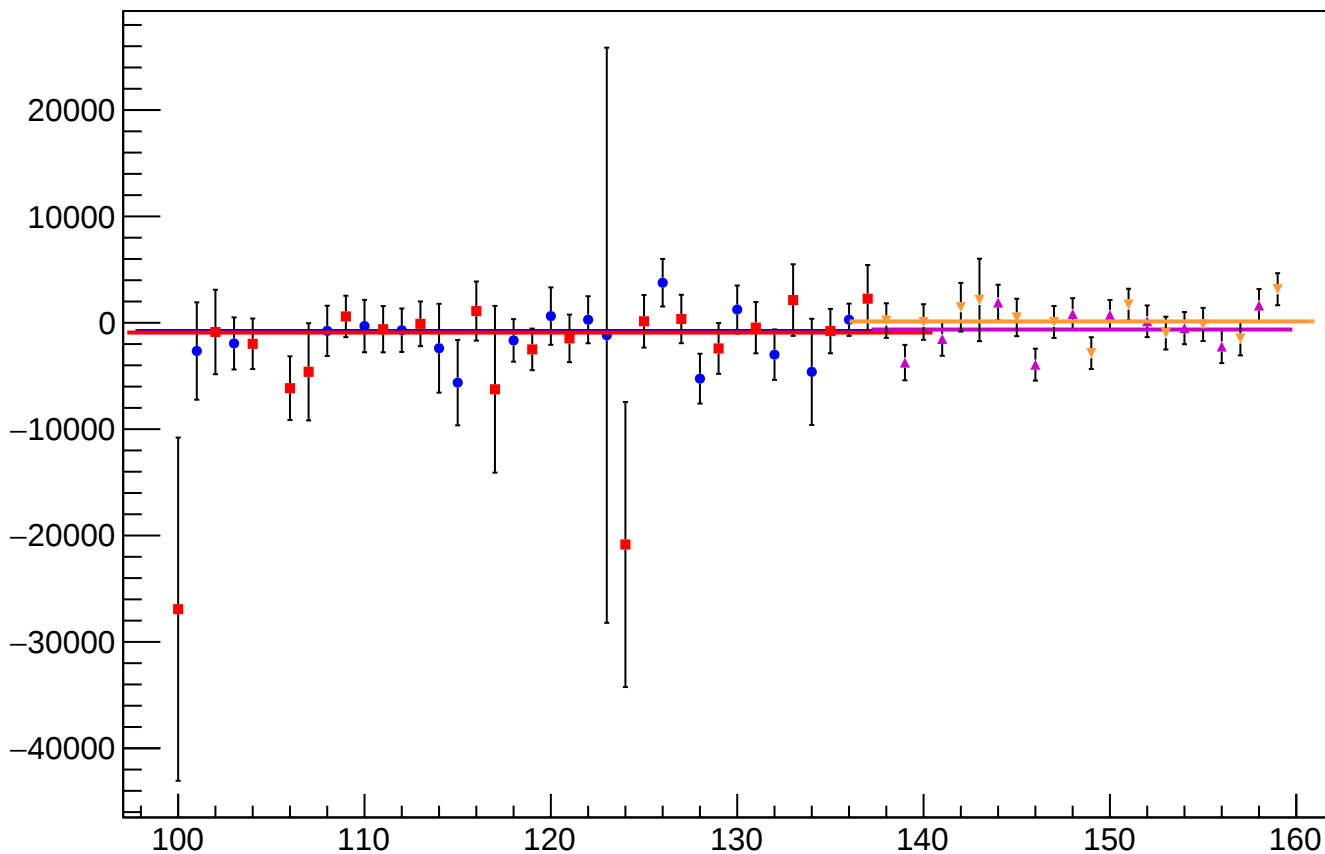
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -771.153+/-603.689 χ^2 /NDF: 13.3/16

Left Out: 129.282+/-480.716 χ^2 /NDF:11.4/11

Right Out: -915.893+/-593.346 χ^2 /NDF: 14.0/19

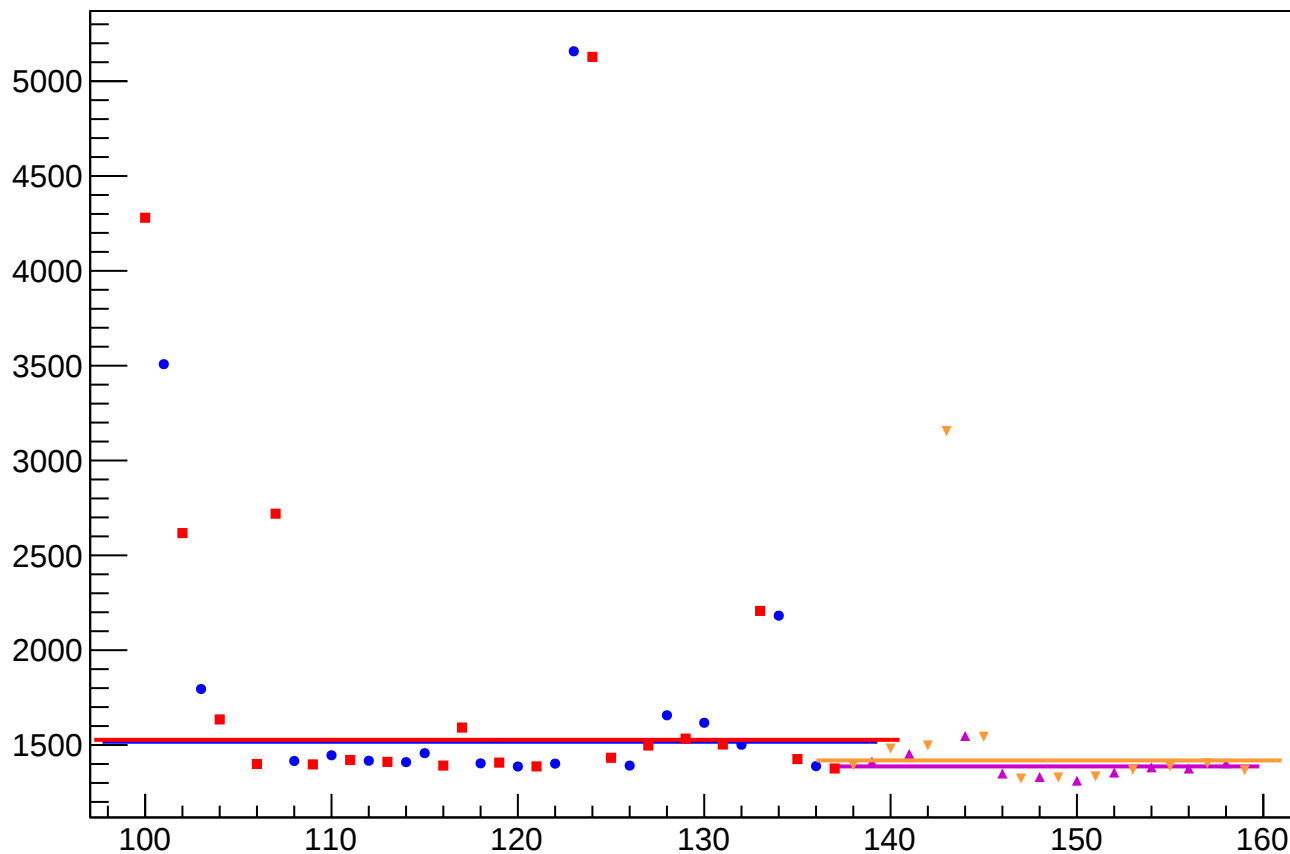
Left In: -633.929+/-486.404 χ^2 /NDF:16.3/9

-220.121+/-376.054 χ^2 /NDF: 26.0/28

-483.612+/-265.949 χ^2 /NDF: 57.4/58

-747.256+/-376.164 χ^2 /NDF: 30.4/29

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1517.334+/-0.427 χ^2/NDF : 536662.7/16

Left Out: 1418.722+/-0.340 χ^2/NDF : 444325.5/11

Right Out: 1527.378+/-0.420 χ^2/NDF : 631820.9/19

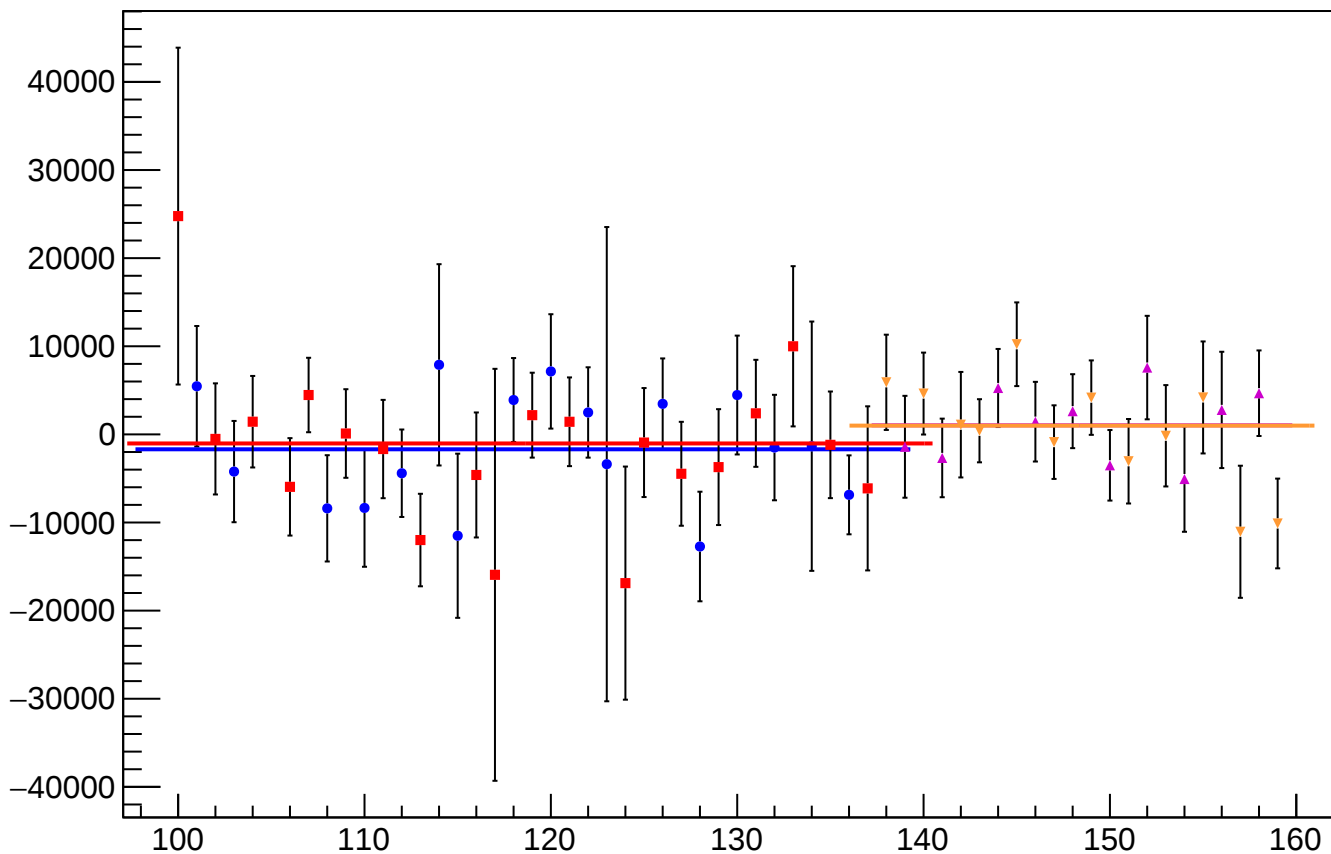
Left In: 1387.140+/-0.344 χ^2/NDF : 33282.7/9

1456.987+/-0.266 χ^2/NDF : 1013646.3/28

1450.248+/-0.188 χ^2/NDF : 1746854.6/58

1443.505+/-0.266 χ^2/NDF : 731923.3/29

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1692.604 ± 1512.935 χ^2/NDF : 15.8/16

Left Out: 994.307 ± 1415.729 χ^2/NDF : 14.4/11

Right Out: -1029.768 ± 1376.481 χ^2/NDF : 14.3/19

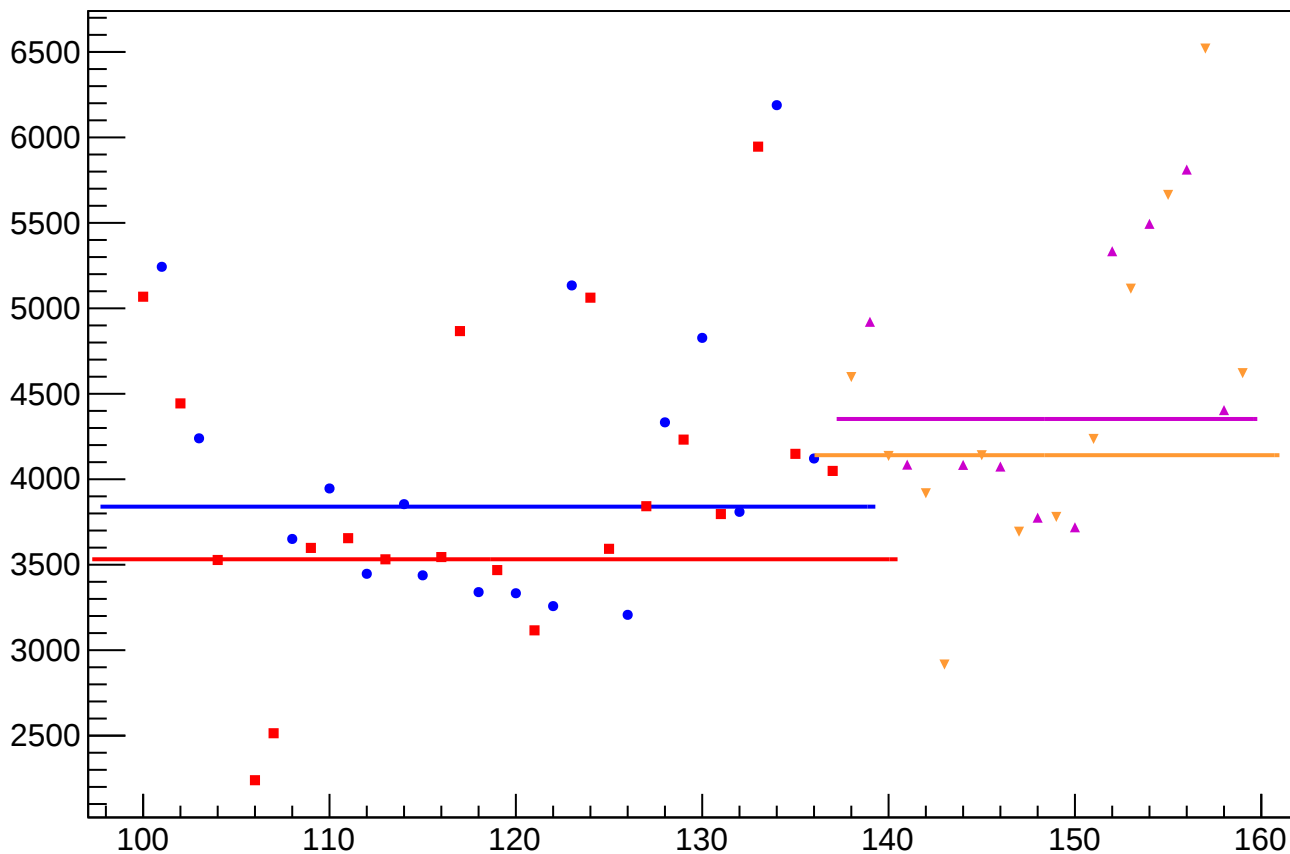
Left In: 1028.305 ± 1540.196 χ^2/NDF : 6.1/9

-260.064 ± 1033.729 χ^2/NDF : 31.9/28

-187.459 ± 728.329 χ^2/NDF : 53.4/58

-115.890 ± 1026.337 χ^2/NDF : 21.5/29

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3839.751+/-1.070 χ^2/NDF : 325959.2/16

Left Out: 4140.850+/-1.001 χ^2/NDF : 680707.9/11

Right Out: 3531.881+/-0.965 χ^2/NDF : 561331.4/19

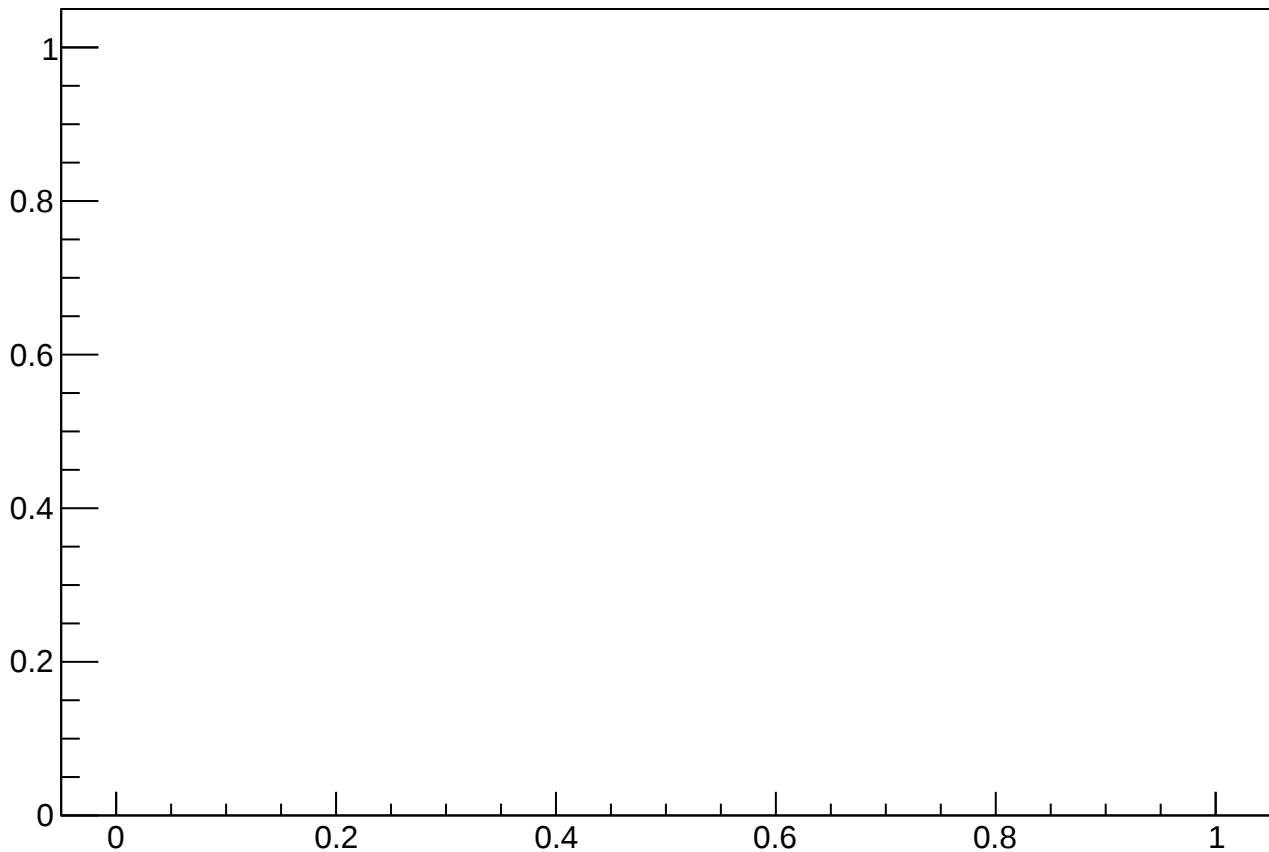
Left In: 4352.699+/-1.089 χ^2/NDF : 356008.8/9

4000.280+/-0.731 χ^2/NDF : 1048902.2/28

3945.820+/-0.514 χ^2/NDF : 2295558.5/58

3892.678+/-0.722 χ^2/NDF : 1235688.5/29

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



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

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

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

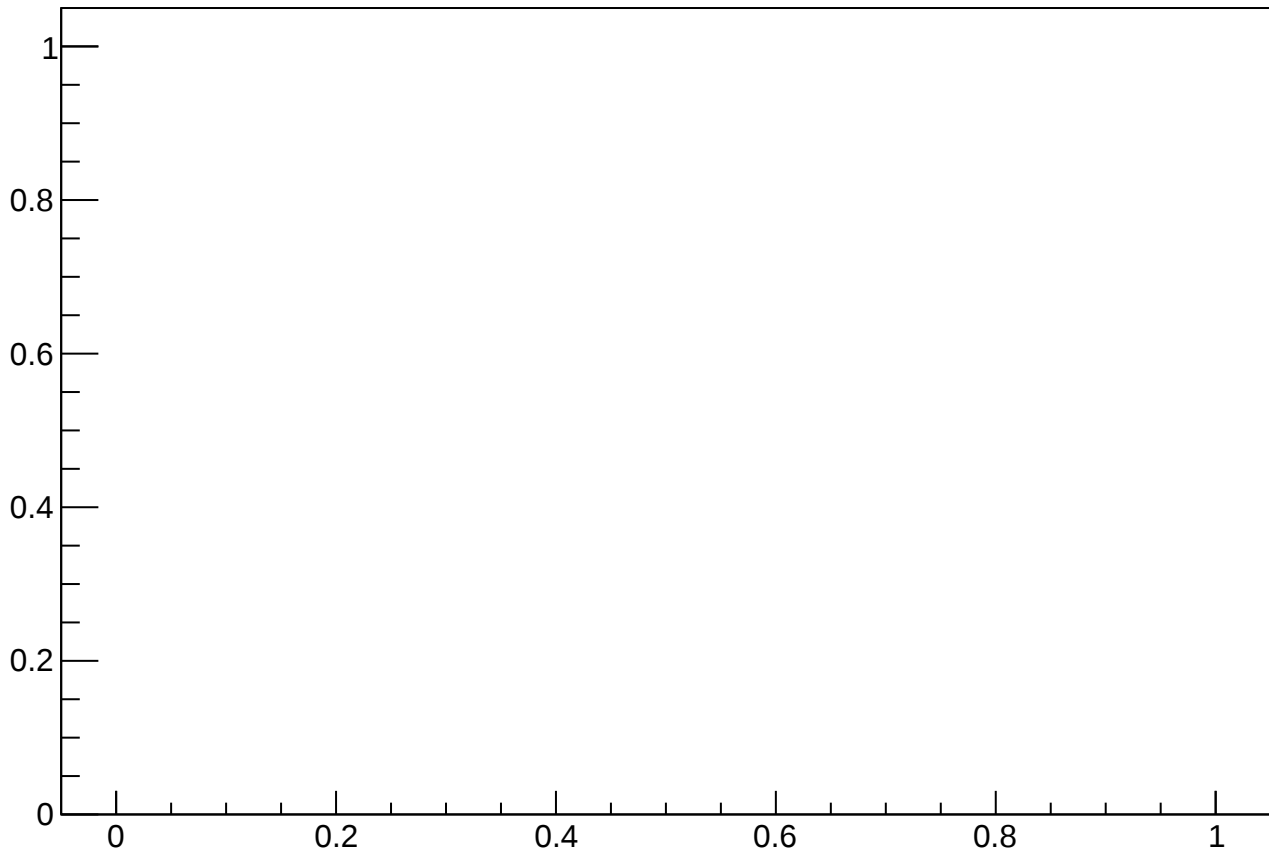
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



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

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

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

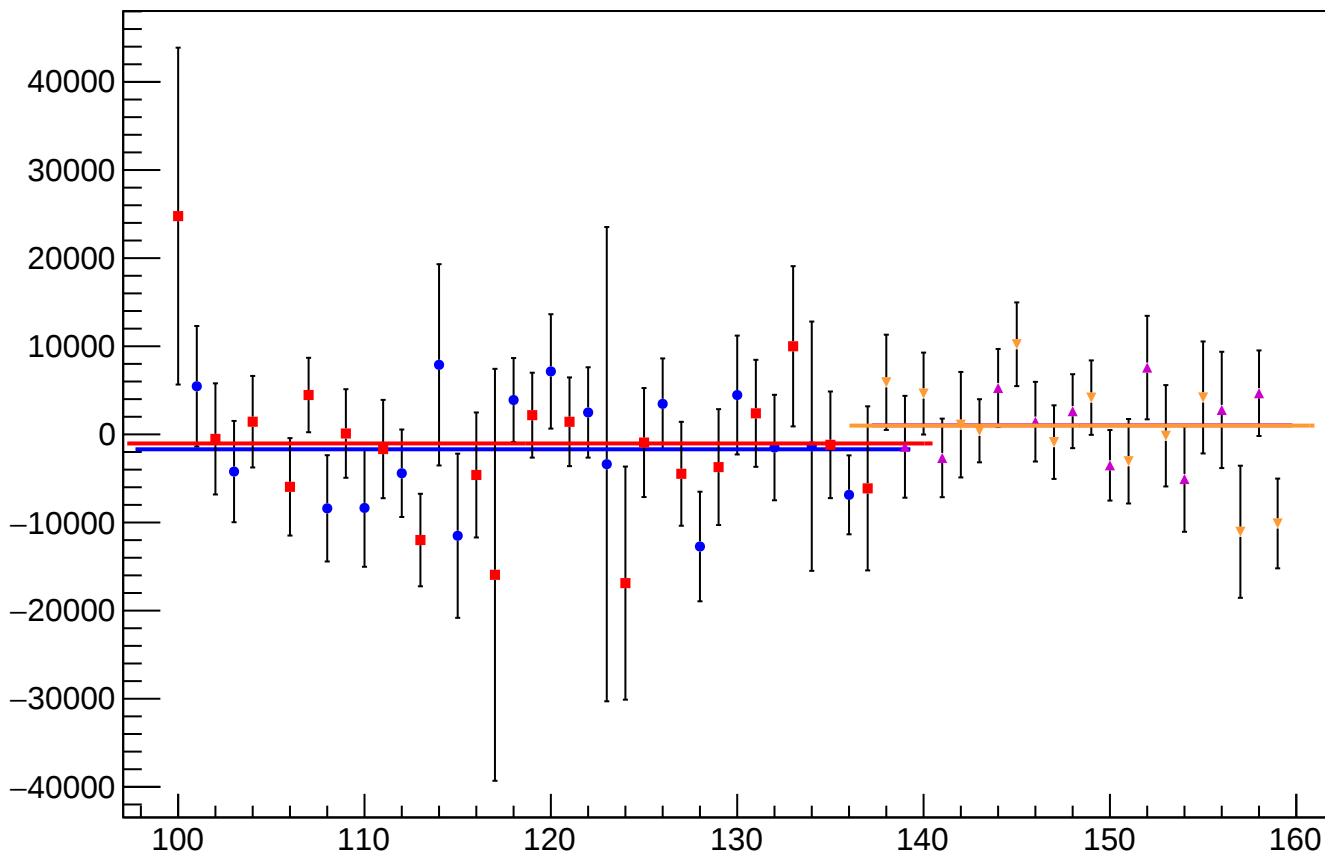
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1692.604 ± 1512.935 χ^2/NDF : 15.8/16

Left Out: 994.307 ± 1415.729 χ^2/NDF : 14.4/11

Right Out: -1029.768 ± 1376.481 χ^2/NDF : 14.3/19

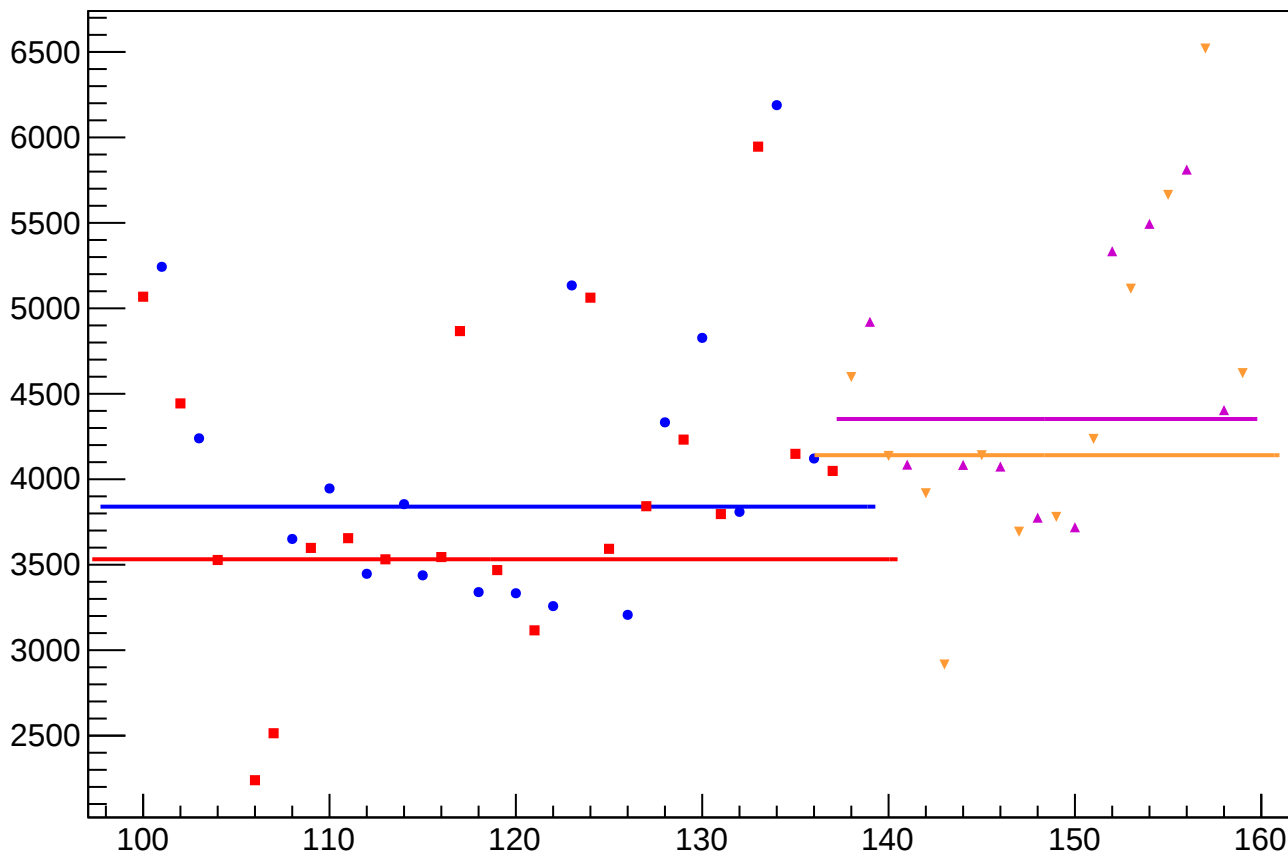
Left In: 1028.305 ± 1540.196 χ^2/NDF : 6.1/9

-260.064 ± 1033.729 χ^2/NDF : 31.9/28

-187.459 ± 728.329 χ^2/NDF : 53.4/58

-115.890 ± 1026.337 χ^2/NDF : 21.5/29

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3839.751+/-1.070 χ^2/NDF : 325959.2/16

Left Out: 4140.850+/-1.001 χ^2/NDF : 680707.9/11

Right Out: 3531.881+/-0.965 χ^2/NDF : 561331.4/19

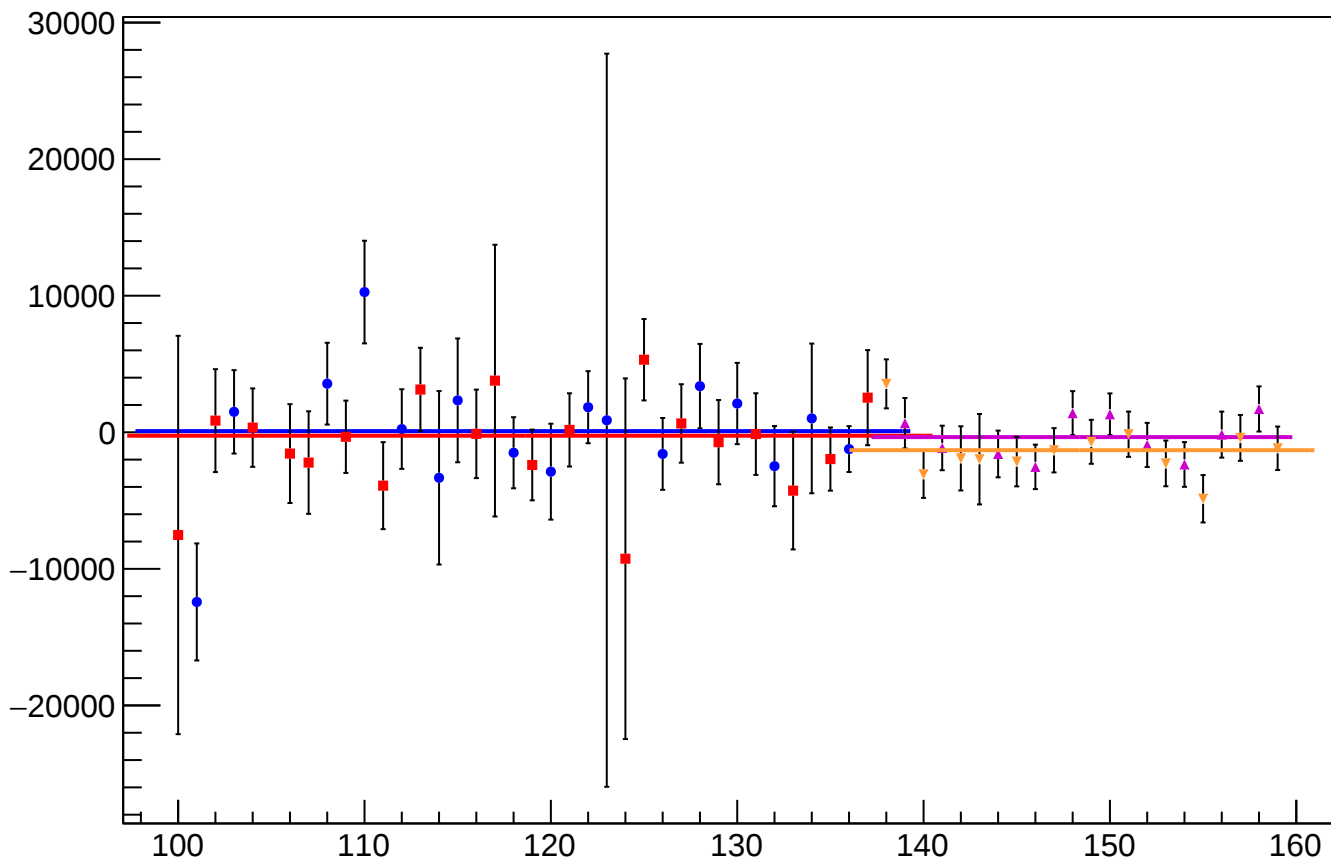
Left In: 4352.699+/-1.089 χ^2/NDF : 356008.8/9

4000.280+/-0.731 χ^2/NDF : 1048902.2/28

3945.820+/-0.514 χ^2/NDF : 2295558.5/58

3892.678+/-0.722 χ^2/NDF : 1235688.5/29

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 83.860+/-750.549 χ^2/NDF : 22.9/16

Left Out: -1310.545+/-513.575 χ^2/NDF : 14.2/11

Right Out: -250.743+/-732.124 χ^2/NDF : 10.3/19

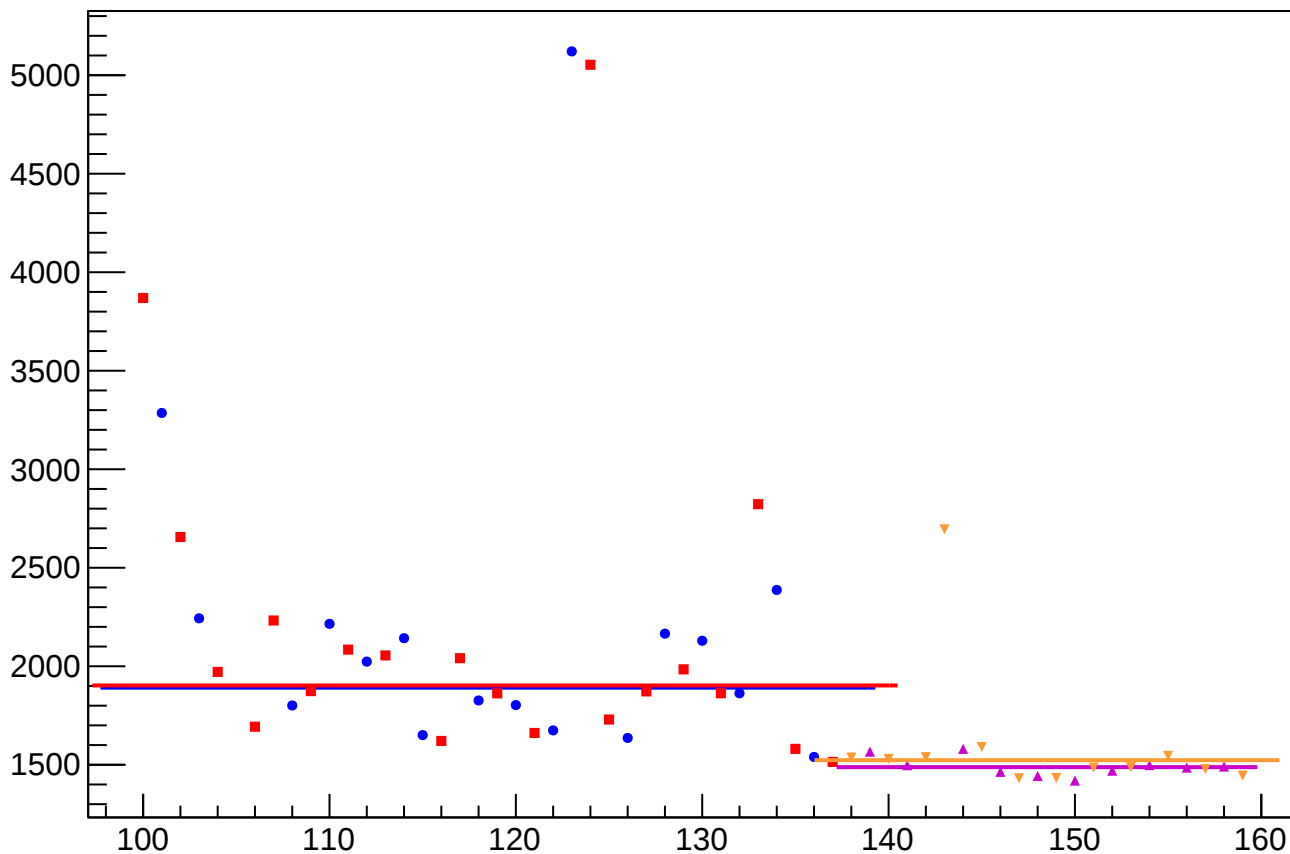
Left In: -352.231+/-521.388 χ^2/NDF : 8.4/9

-865.866+/-423.846 χ^2/NDF : 39.4/28

-592.523+/-300.005 χ^2/NDF : 59.0/58

-318.080+/-424.698 χ^2/NDF : 18.8/29

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.492+/-0.531 χ^2/NDF : 464497.5/16

Left Out: 1523.347+/-0.363 χ^2/NDF : 274567.8/11

Right Out: 1902.551+/-0.518 χ^2/NDF : 461077.0/19

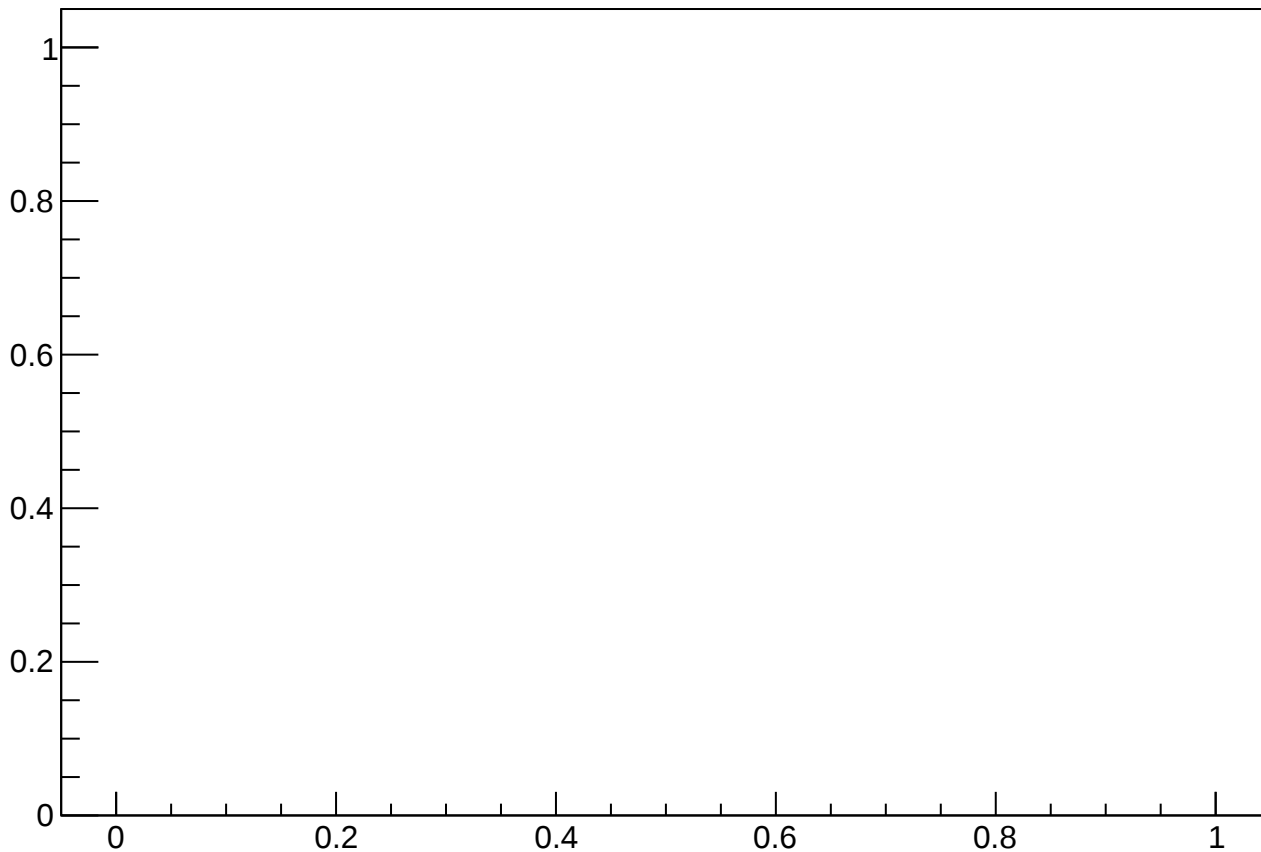
Left In: 1488.125+/-0.369 χ^2/NDF : 15874.9/9

1640.751+/-0.300 χ^2/NDF : 1066800.1/28

1634.180+/-0.212 χ^2/NDF : 1969924.3/58

1627.584+/-0.300 χ^2/NDF : 902161.1/29

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



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

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

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

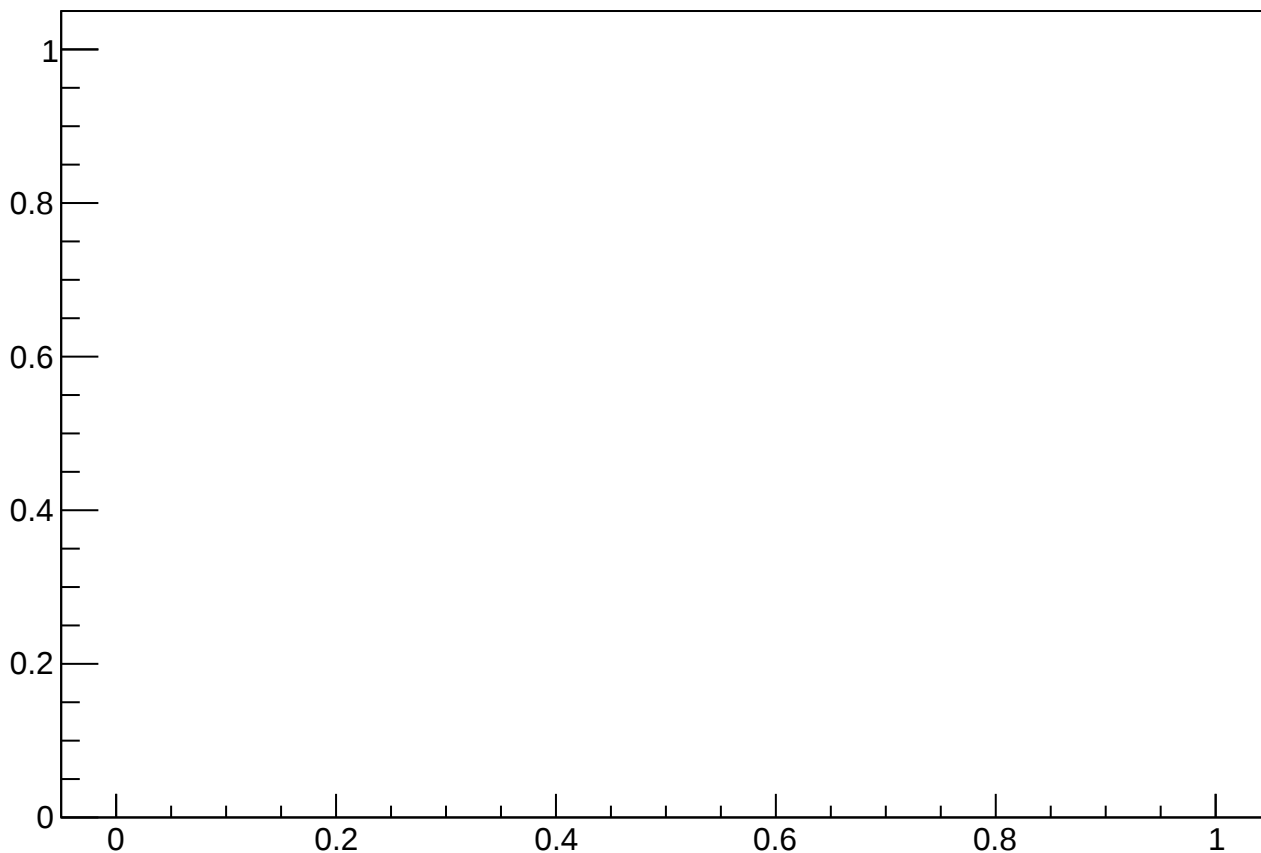
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



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

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

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

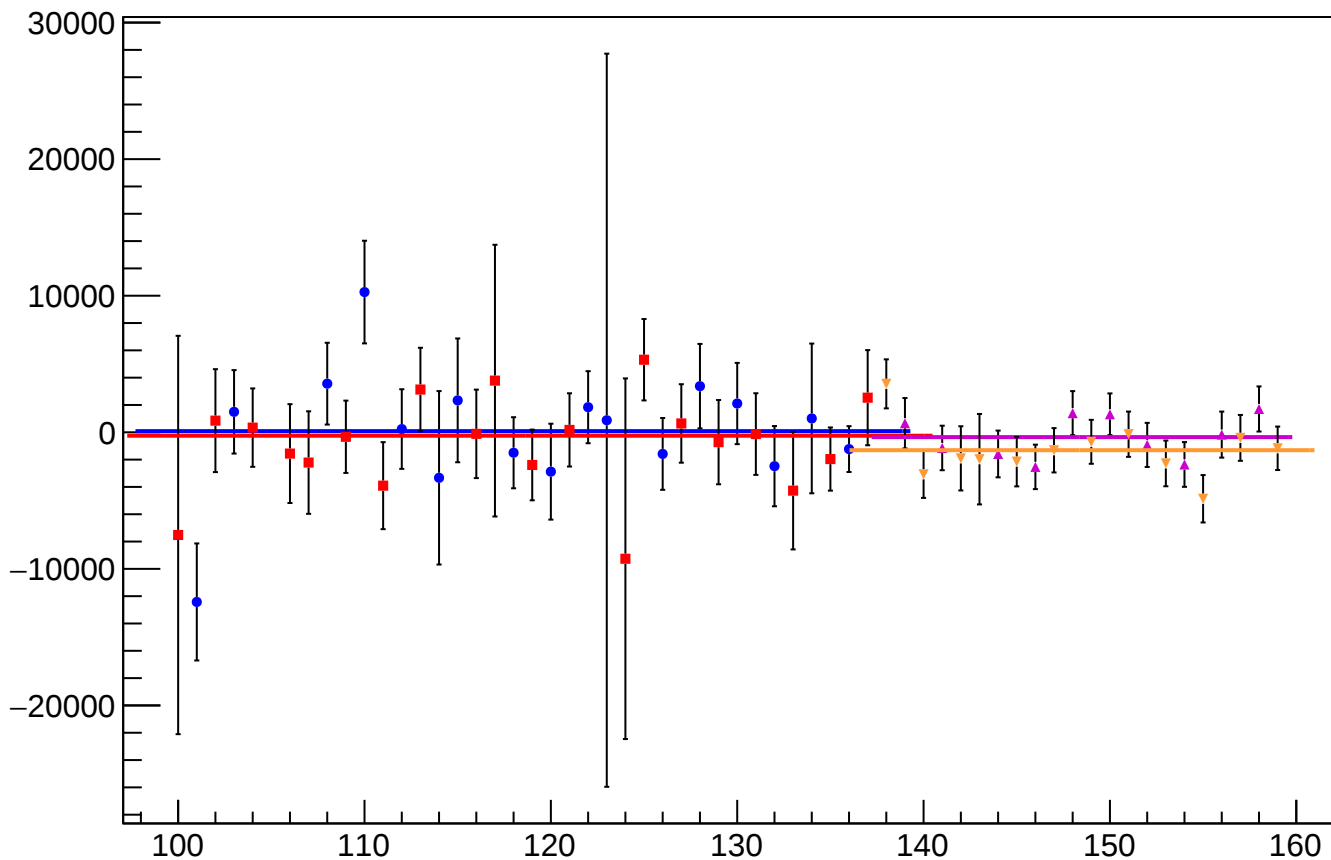
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 83.860+/-750.549 χ^2/NDF : 22.9/16

Left Out: -1310.545+/-513.575 χ^2/NDF : 14.2/11

Right Out: -250.743+/-732.124 χ^2/NDF : 10.3/19

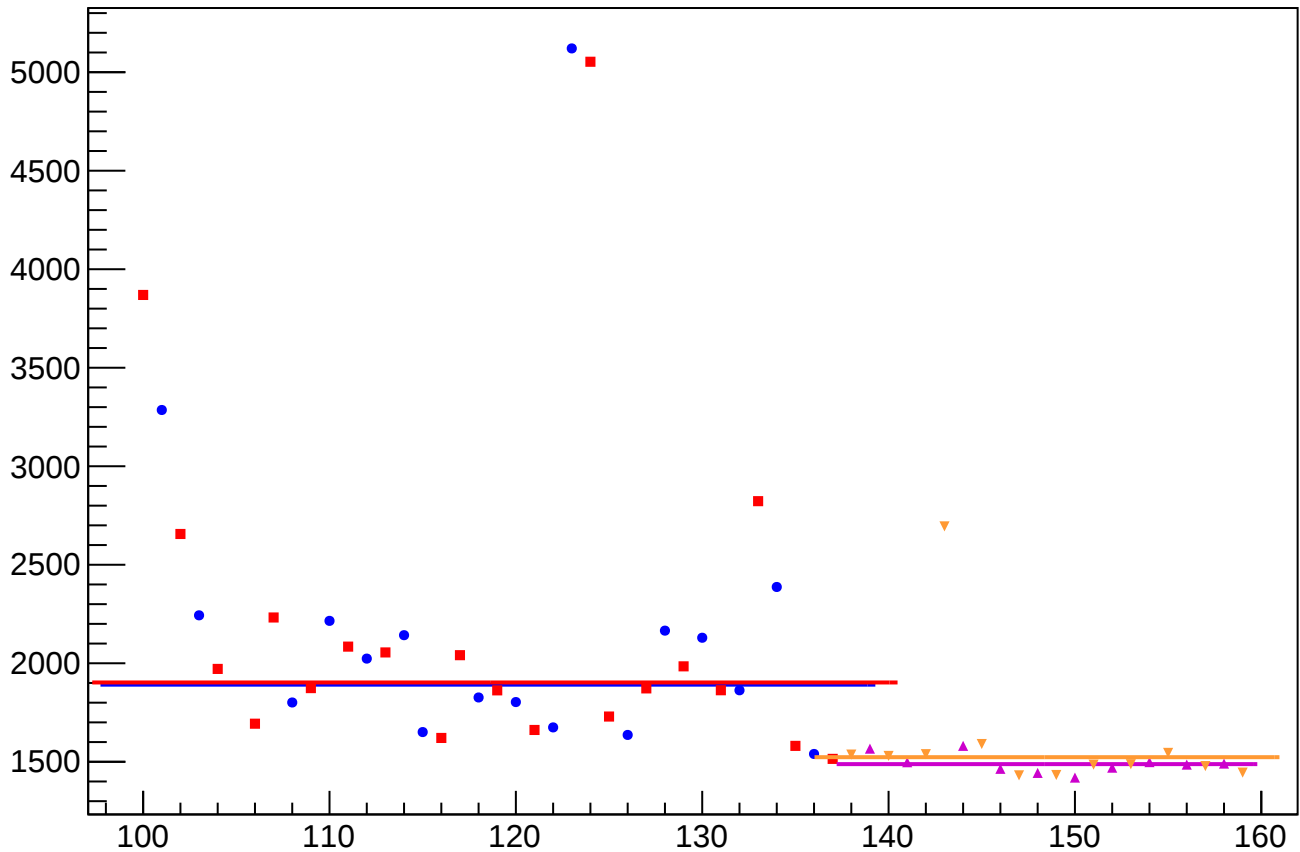
Left In: -352.231+/-521.388 χ^2/NDF : 8.4/9

-865.866+/-423.846 χ^2/NDF : 39.4/28

-592.523+/-300.005 χ^2/NDF : 59.0/58

-318.080+/-424.698 χ^2/NDF : 18.8/29

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.492+/-0.531 χ^2/NDF : 464497.5/16

Left Out: 1523.347+/-0.363 χ^2/NDF : 274567.8/11

Right Out: 1902.551+/-0.518 χ^2/NDF : 461077.0/19

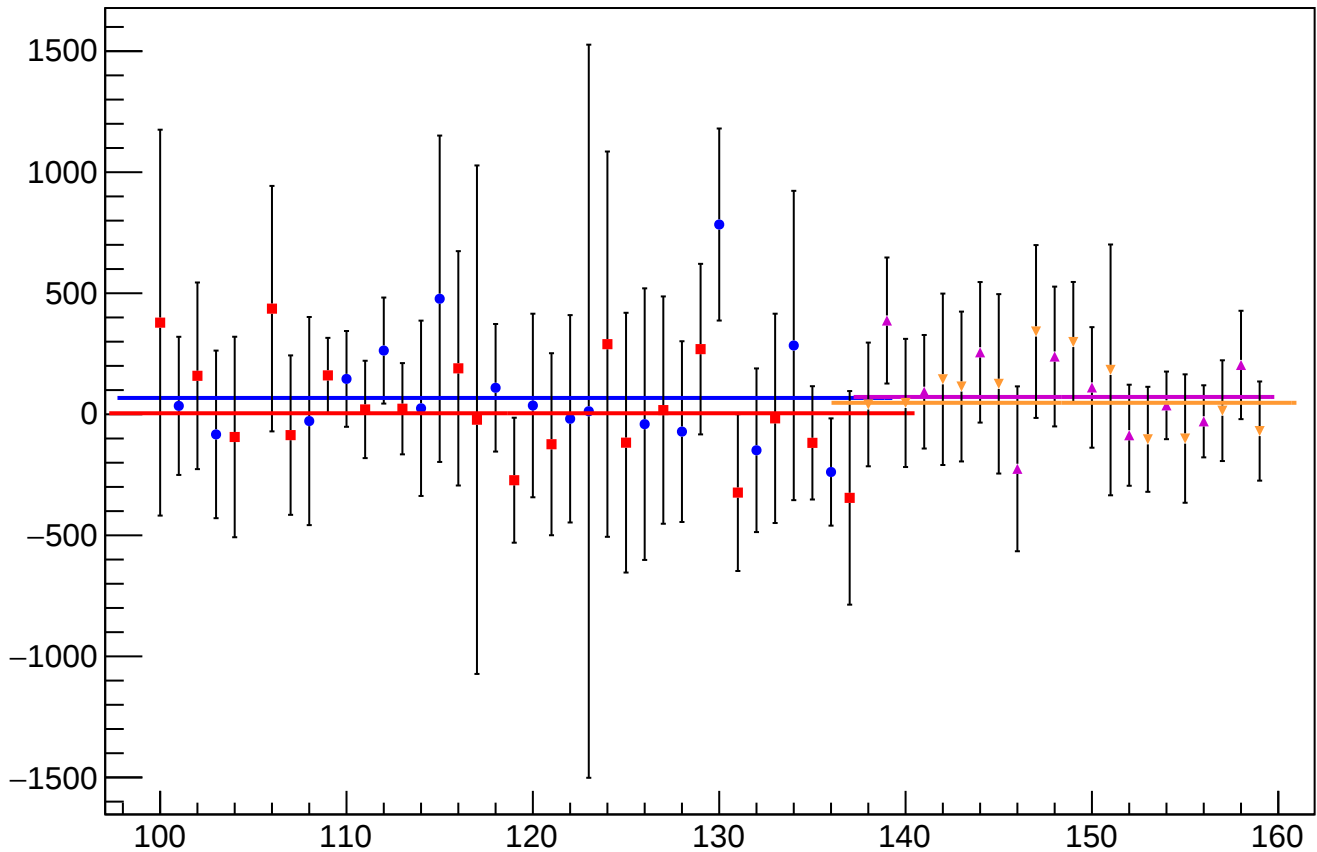
Left In: 1488.125+/-0.369 χ^2/NDF : 15874.9/9

1640.751+/-0.300 χ^2/NDF : 1066800.1/28

1634.180+/-0.212 χ^2/NDF : 1969924.3/58

1627.584+/-0.300 χ^2/NDF : 902161.1/29

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 67.542+/-79.608 χ^2/NDF : 7.5/16

Left Out: 47.457+/-77.729 χ^2/NDF : 3.1/11

Right Out: 4.305+/-69.854 χ^2/NDF : 6.4/19

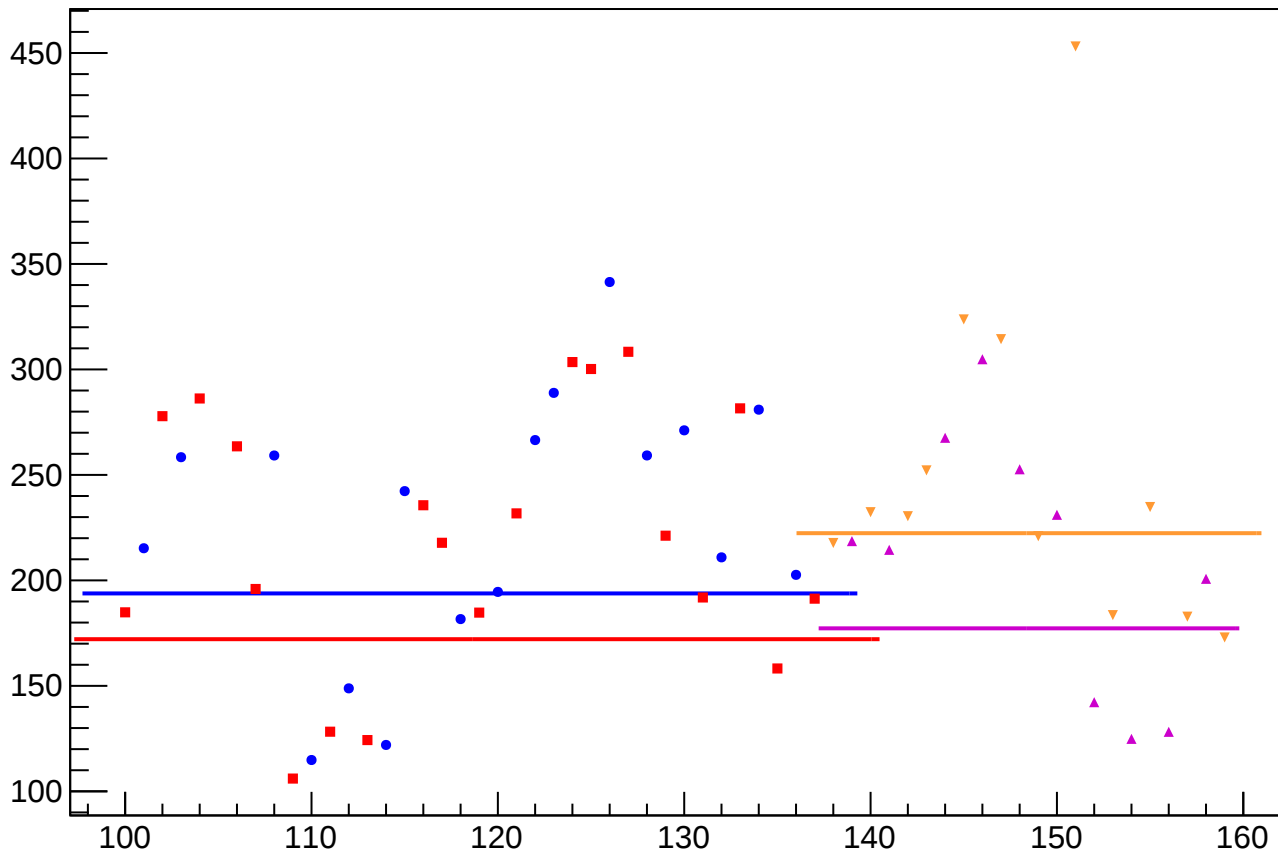
Left In: 71.643+/-67.289 χ^2/NDF : 4.4/9

57.260+/-55.615 χ^2/NDF : 10.7/28

47.013+/-36.537 χ^2/NDF : 22.0/58

39.233+/-48.462 χ^2/NDF : 11.3/29

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 193.815 $\pm$ 0.056 χ^2 /NDF: 1010325.5/16

Left Out: 222.376 $\pm$ 0.055 χ^2 /NDF: 959506.2/11

Right Out: 172.123 $\pm$ 0.049 χ^2 /NDF: 1580879.9/19

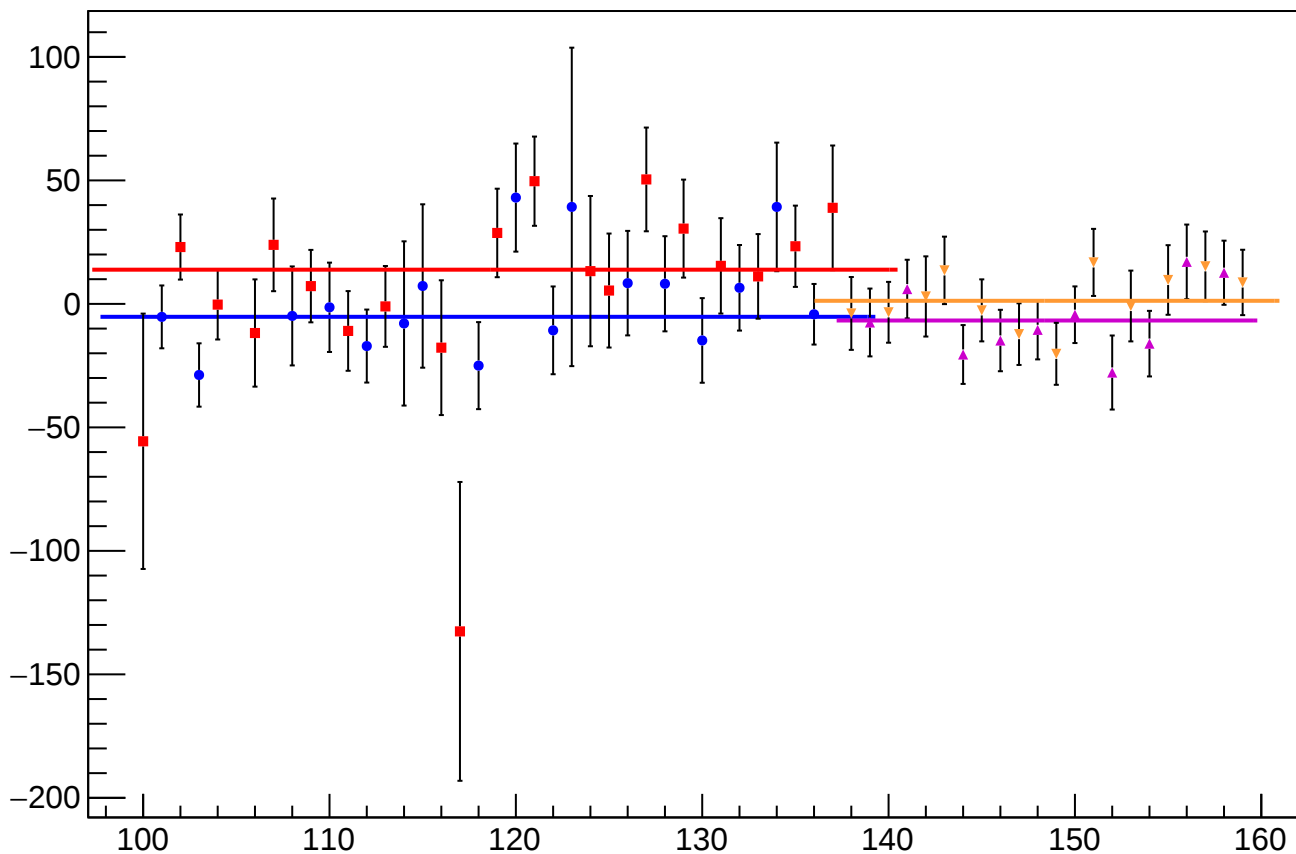
Left In: 177.263 $\pm$ 0.048 χ^2 /NDF: 1381781.9/9

208.437 $\pm$ 0.039 χ^2 /NDF: 2101624.3/28

189.311 $\pm$ 0.026 χ^2 /NDF: 5486016.7/58

174.789 $\pm$ 0.034 χ^2 /NDF: 2968278.2/29

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.231 ± 4.356 $\chi^2/\text{NDF}: 15.5/16$

Left Out: 1.252 ± 3.907 $\chi^2/\text{NDF}: 8.3/11$

Right Out: 13.851 ± 4.255 $\chi^2/\text{NDF}: 25.4/19$

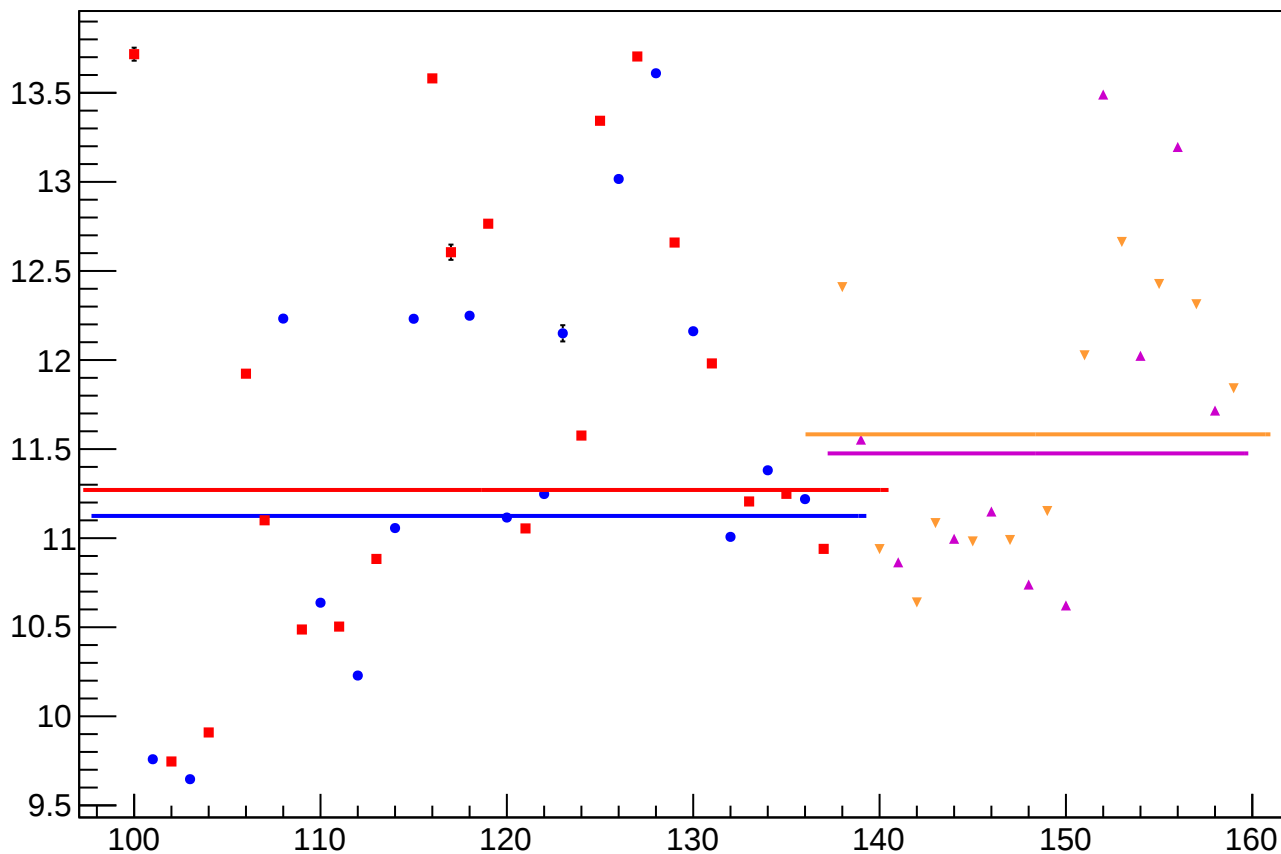
Left In: -6.725 ± 4.051 $\chi^2/\text{NDF}: 10.2/9$

-1.638 ± 2.908 $\chi^2/\text{NDF}: 25.0/28$

0.690 ± 2.065 $\chi^2/\text{NDF}: 74.2/58$

3.059 ± 2.934 $\chi^2/\text{NDF}: 47.9/29$

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 11.125+/-0.003 χ^2/NDF : 132520.1/16

Left Out: 11.583+/-0.003 χ^2/NDF : 59421.6/11

Right Out: 11.271+/-0.003 χ^2/NDF : 148711.4/19

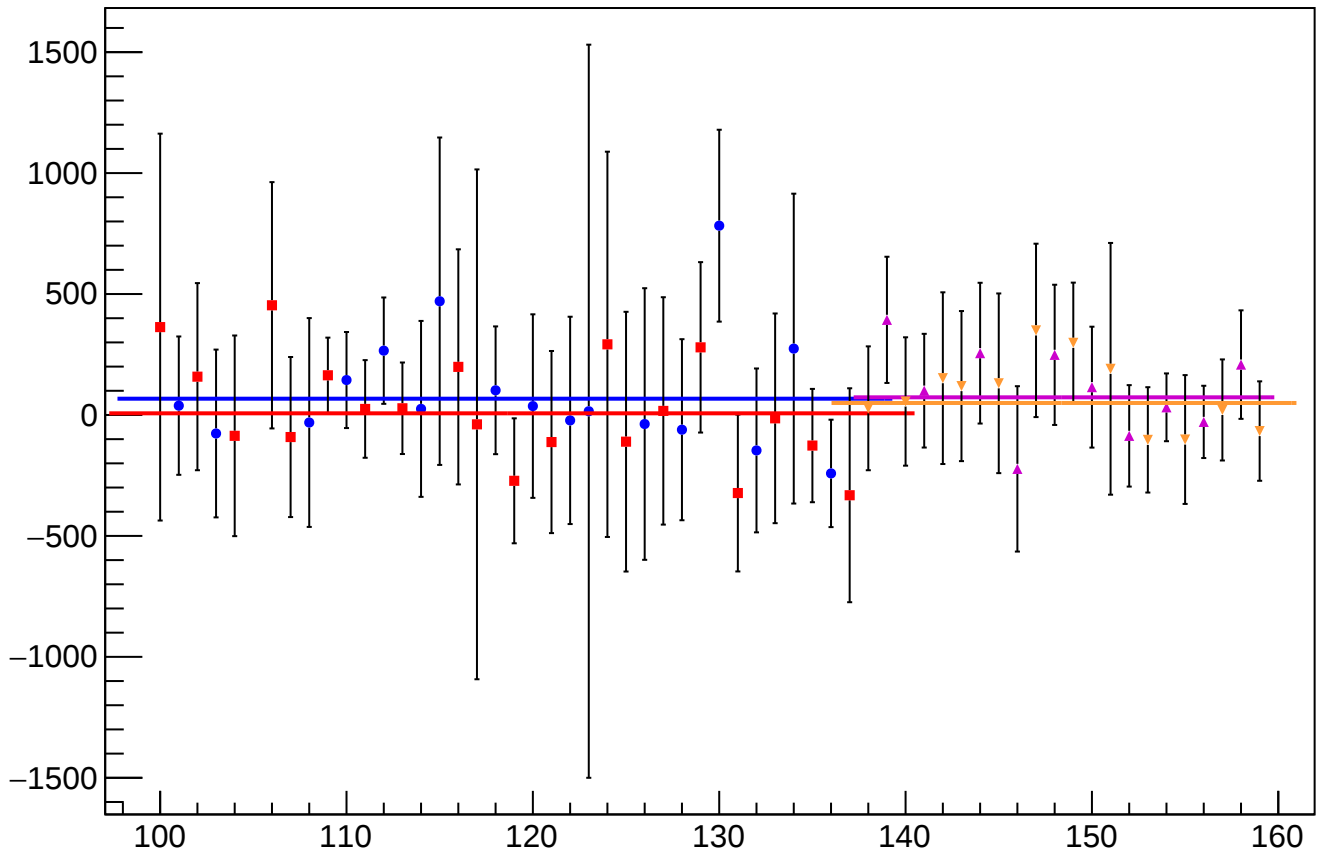
Left In: 11.476+/-0.003 χ^2/NDF : 94783.1/9

11.379+/-0.002 χ^2/NDF : 204199.3/28

11.378+/-0.001 χ^2/NDF : 450134.3/58

11.378+/-0.002 χ^2/NDF : 245935.0/29

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: 67.305+/-79.817 χ^2/NDF : 7.5/16

Left Out: 49.582+/-77.988 χ^2/NDF : 3.1/11

Right Out: 6.837+/-70.057 χ^2/NDF : 6.4/19

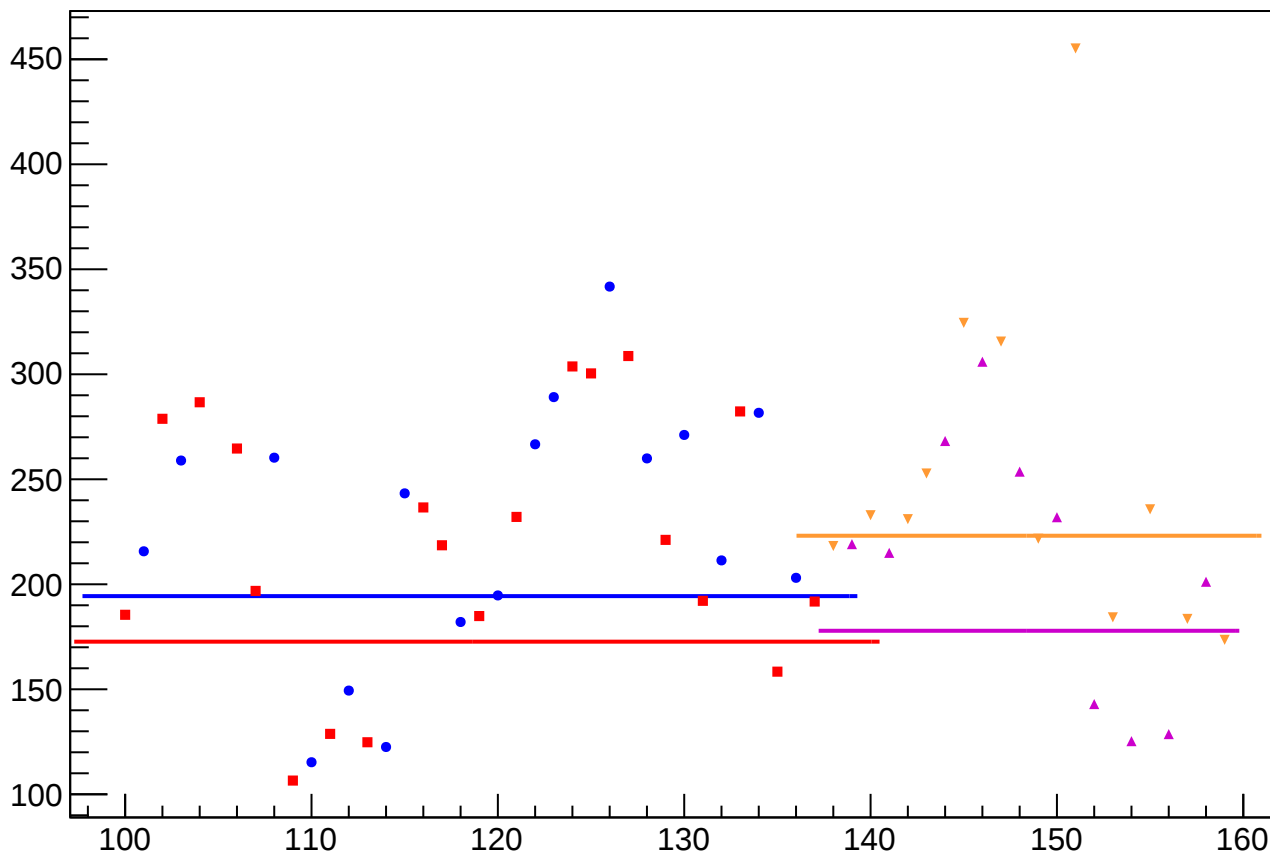
Left In: 72.976+/-67.511 χ^2/NDF : 4.5/9

58.238+/-55.781 χ^2/NDF : 10.6/28

48.515+/-36.649 χ^2/NDF : 22.1/58

41.130+/-48.613 χ^2/NDF : 11.5/29

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 194.365 $\pm$ 0.056 χ^2 /NDF: 1005234.4/16

Left Out: 223.120 $\pm$ 0.055 χ^2 /NDF: 958776.5/11

Right Out: 172.675 $\pm$ 0.050 χ^2 /NDF: 1573459.1/19

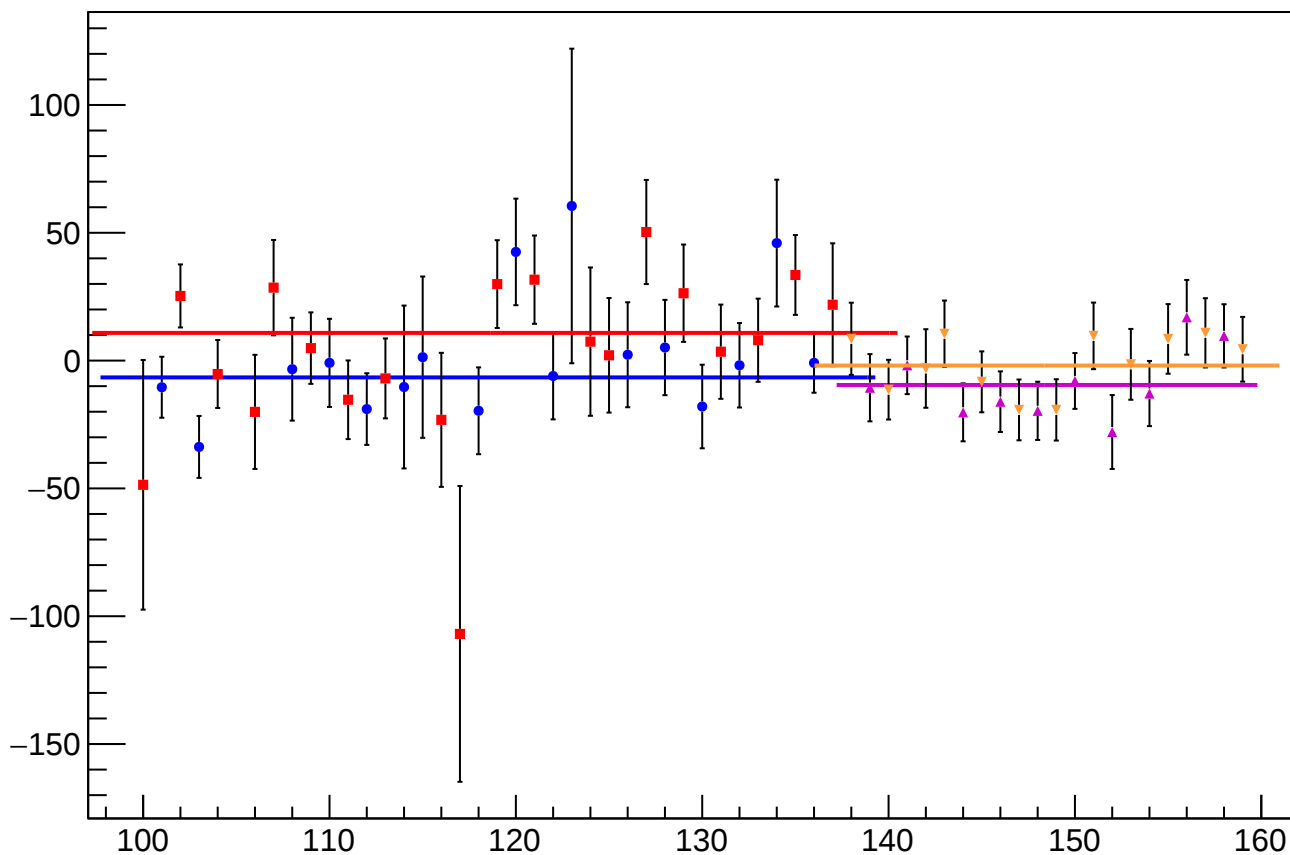
Left In: 177.860 $\pm$ 0.048 χ^2 /NDF: 1379489.8/9

209.076 $\pm$ 0.039 χ^2 /NDF: 2096803.9/28

189.915 $\pm$ 0.026 χ^2 /NDF: 5470620.1/58

175.363 $\pm$ 0.034 χ^2 /NDF: 2958628.4/29

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -6.575 ± 4.157 χ^2/NDF : 19.3/16

Left Out: -1.925 ± 3.733 χ^2/NDF : 9.2/11

Right Out: 10.838 ± 4.070 χ^2/NDF : 27.1/19

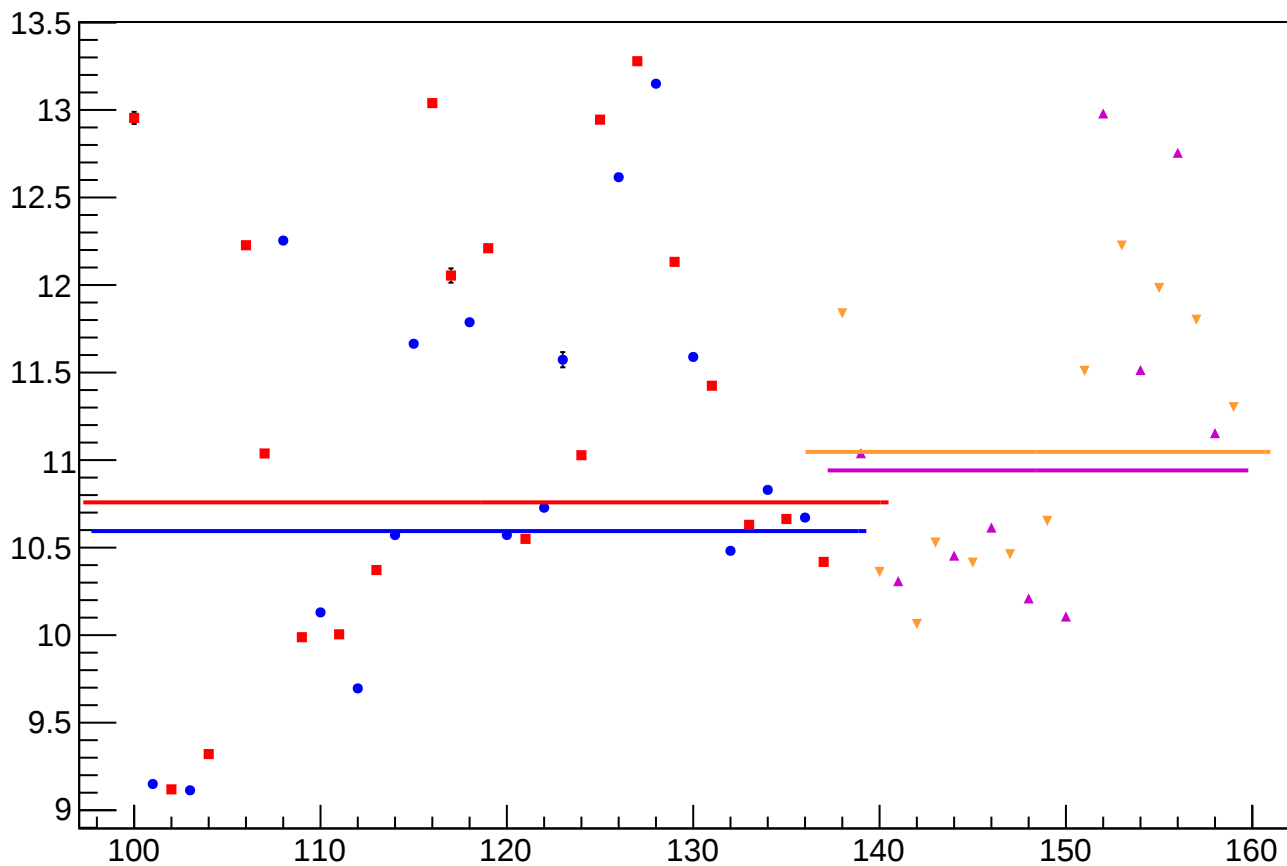
Left In: -9.532 ± 3.869 χ^2/NDF : 9.9/9

-4.001 ± 2.777 χ^2/NDF : 29.2/28

-1.951 ± 1.973 χ^2/NDF : 80.4/58

0.138 ± 2.804 χ^2/NDF : 50.1/29

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.594 $\pm$ 0.003 χ^2/NDF : 160059.2/16

Left Out: 11.047 $\pm$ 0.003 χ^2/NDF : 70684.8/11

Right Out: 10.758 $\pm$ 0.003 χ^2/NDF : 178180.9/19

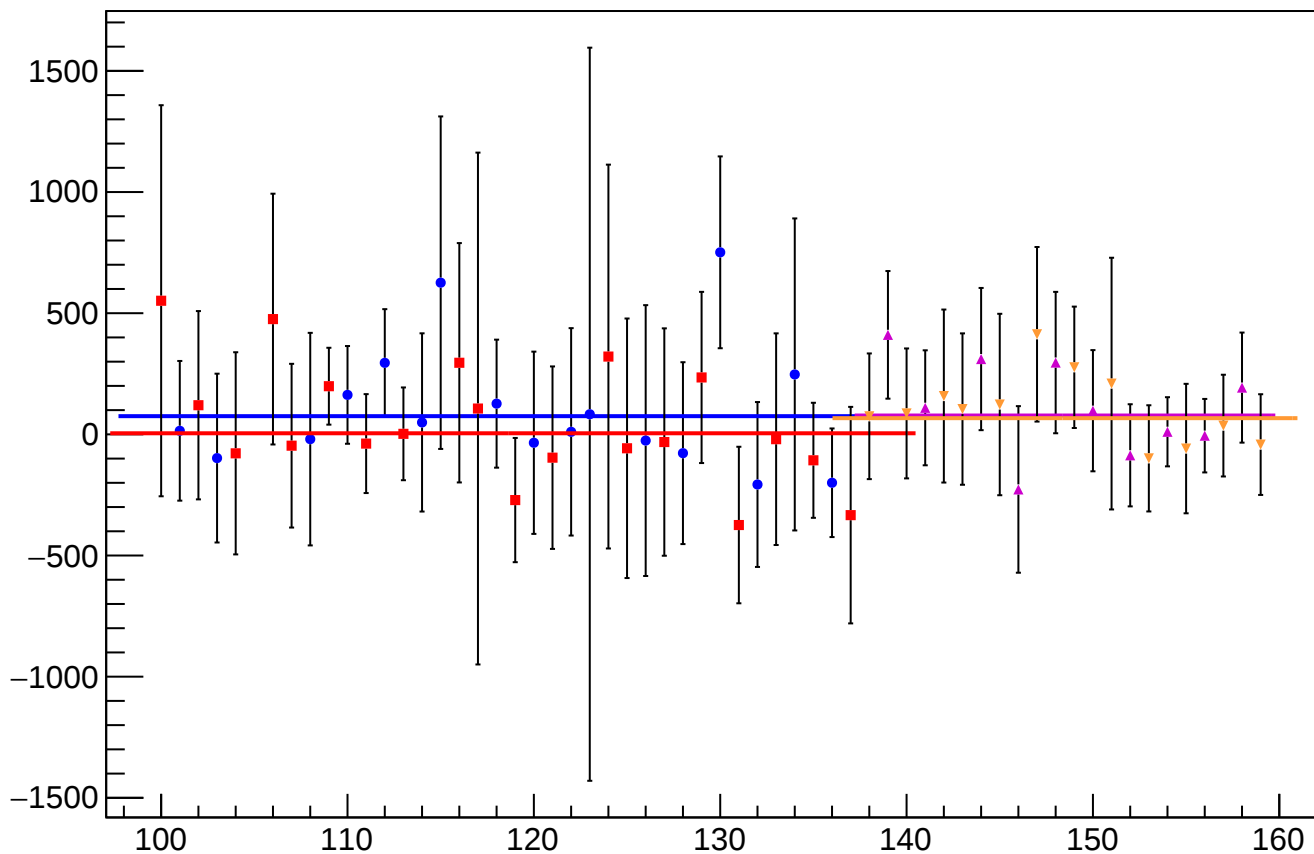
Left In: 10.941 $\pm$ 0.003 χ^2/NDF : 106792.2/9

10.845 $\pm$ 0.002 χ^2/NDF : 243860.3/28

10.850 $\pm$ 0.001 χ^2/NDF : 530959.7/58

10.854 $\pm$ 0.002 χ^2/NDF : 287088.0/29

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 75.086 ± 80.352 χ^2/NDF : 7.7/16

Left Out: 66.805 ± 78.557 χ^2/NDF : 2.9/11

Right Out: 4.459 ± 70.724 χ^2/NDF : 7.3/19

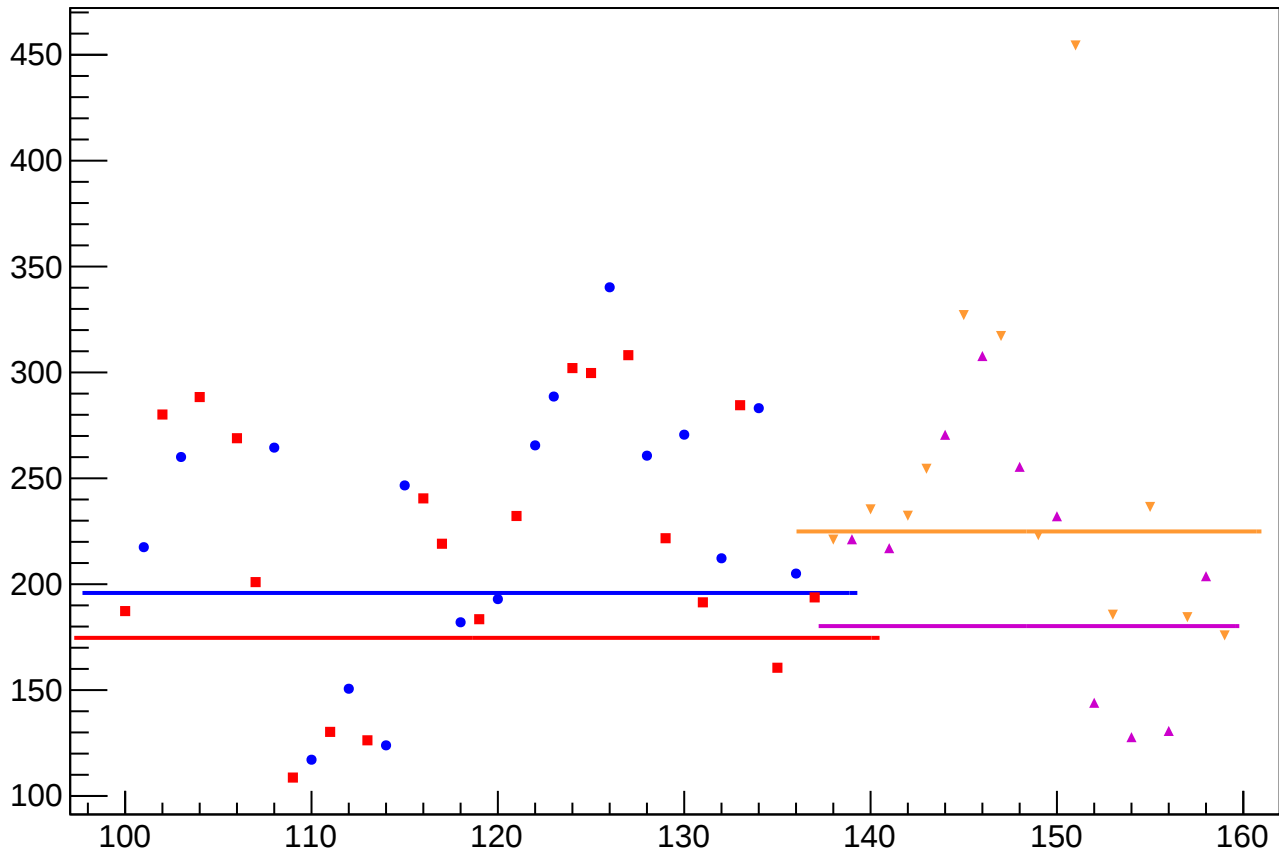
Left In: 77.732 ± 68.282 χ^2/NDF : 5.0/9

70.852 ± 56.172 χ^2/NDF : 10.6/28

54.720 ± 36.978 χ^2/NDF : 23.6/58

42.382 ± 49.123 χ^2/NDF : 12.9/29

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 195.869 $\pm$ 0.057 χ^2 /NDF: 979247.4/16

Left Out: 224.913 $\pm$ 0.056 χ^2 /NDF: 947182.7/11

Right Out: 174.665 $\pm$ 0.050 χ^2 /NDF: 1532335.9/19

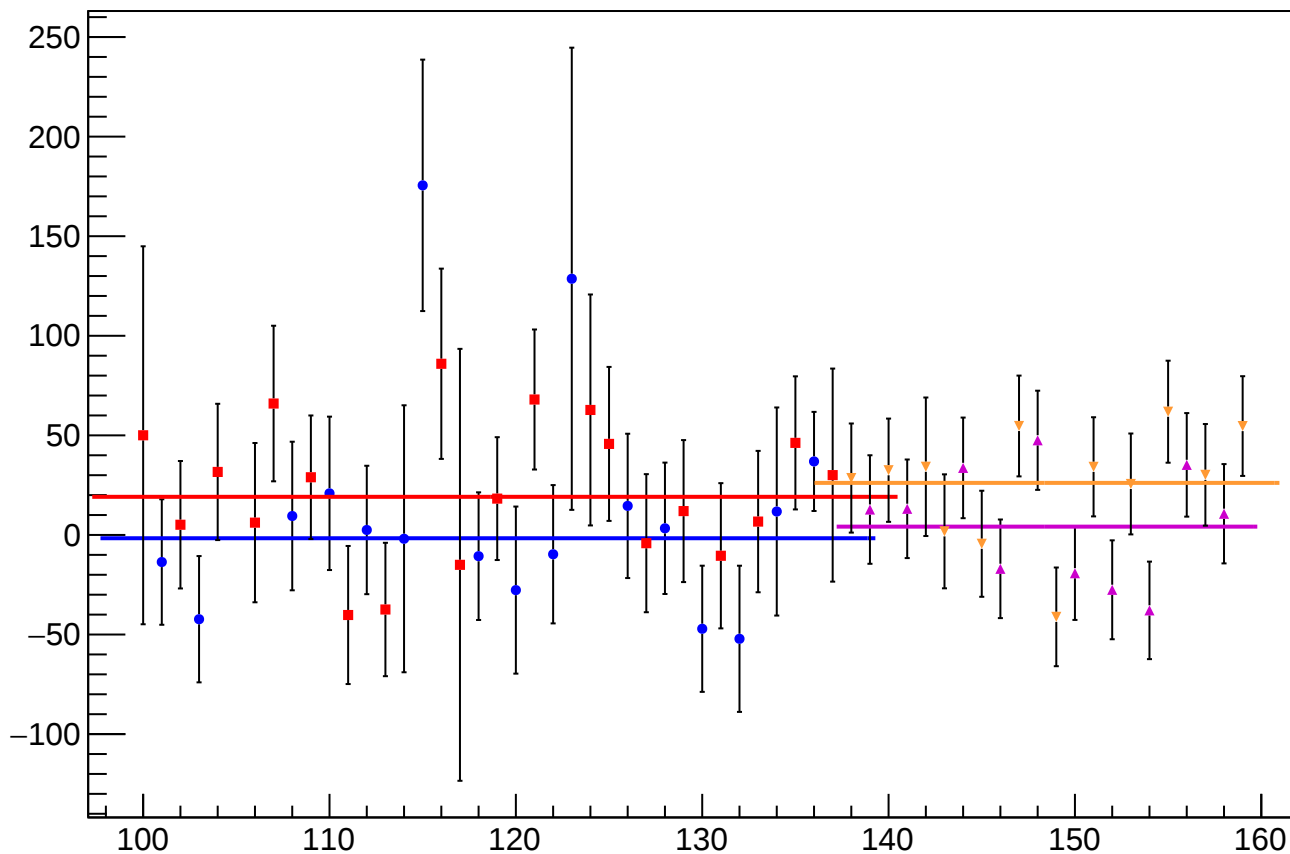
Left In: 180.221 $\pm$ 0.048 χ^2 /NDF: 1344178.8/9

210.719 $\pm$ 0.040 χ^2 /NDF: 2060034.1/28

191.919 $\pm$ 0.026 χ^2 /NDF: 5338305.0/58

177.541 $\pm$ 0.035 χ^2 /NDF: 2882901.8/29

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -1.654 $\pm$ 8.881 χ^2/NDF : 18.5/16

Left Out: 26.141 $\pm$ 7.603 χ^2/NDF : 14.2/11

Right Out: 19.145 $\pm$ 8.529 χ^2/NDF : 14.9/19

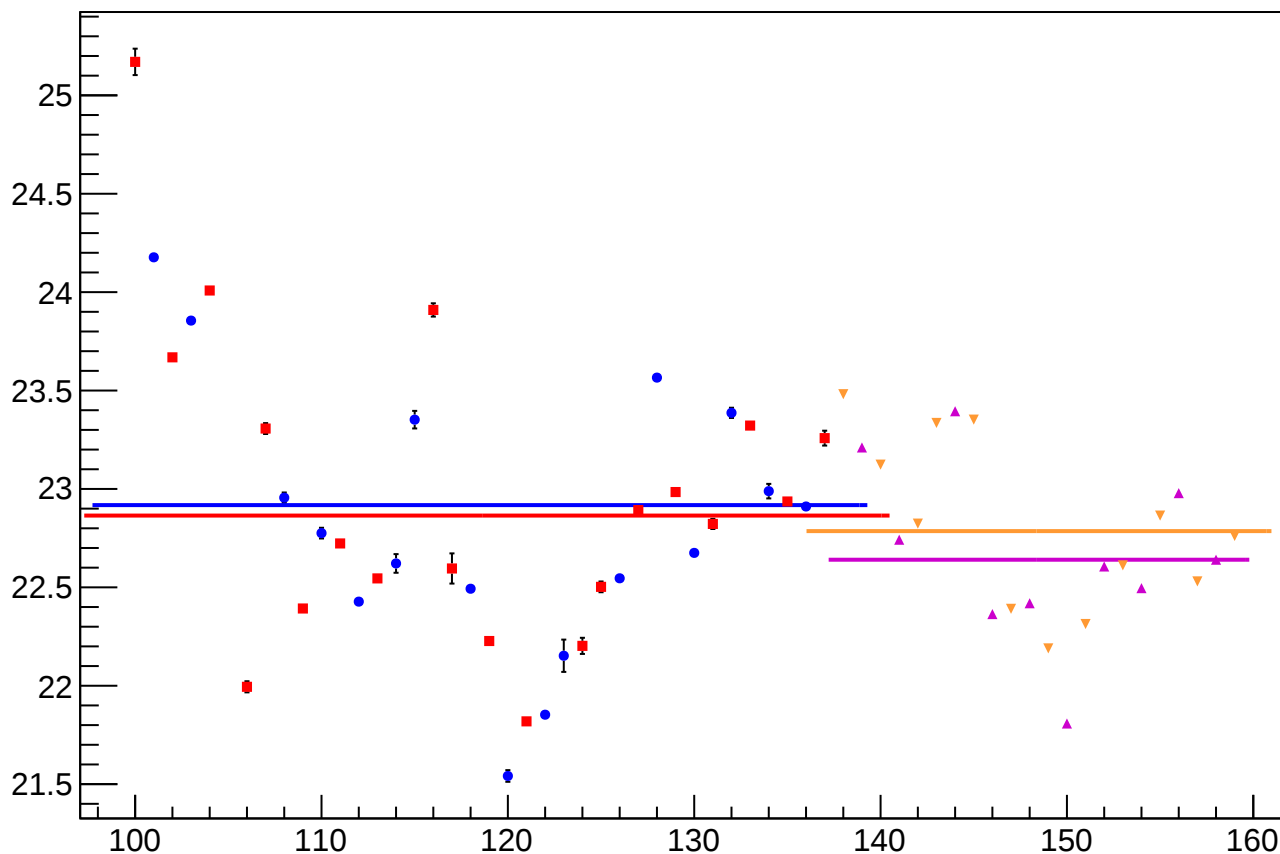
Left In: 4.174 $\pm$ 7.909 χ^2/NDF : 12.4/9

14.386 $\pm$ 5.776 χ^2/NDF : 38.4/28

12.748 $\pm$ 4.092 χ^2/NDF : 67.5/58

11.096 $\pm$ 5.799 χ^2/NDF : 28.9/29

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.918 $\pm$ 0.006 χ^2 /NDF: 11472.2/16

Left Out: 22.786 $\pm$ 0.005 χ^2 /NDF: 5955.0/11

Right Out: 22.865 $\pm$ 0.006 χ^2 /NDF: 11064.9/19

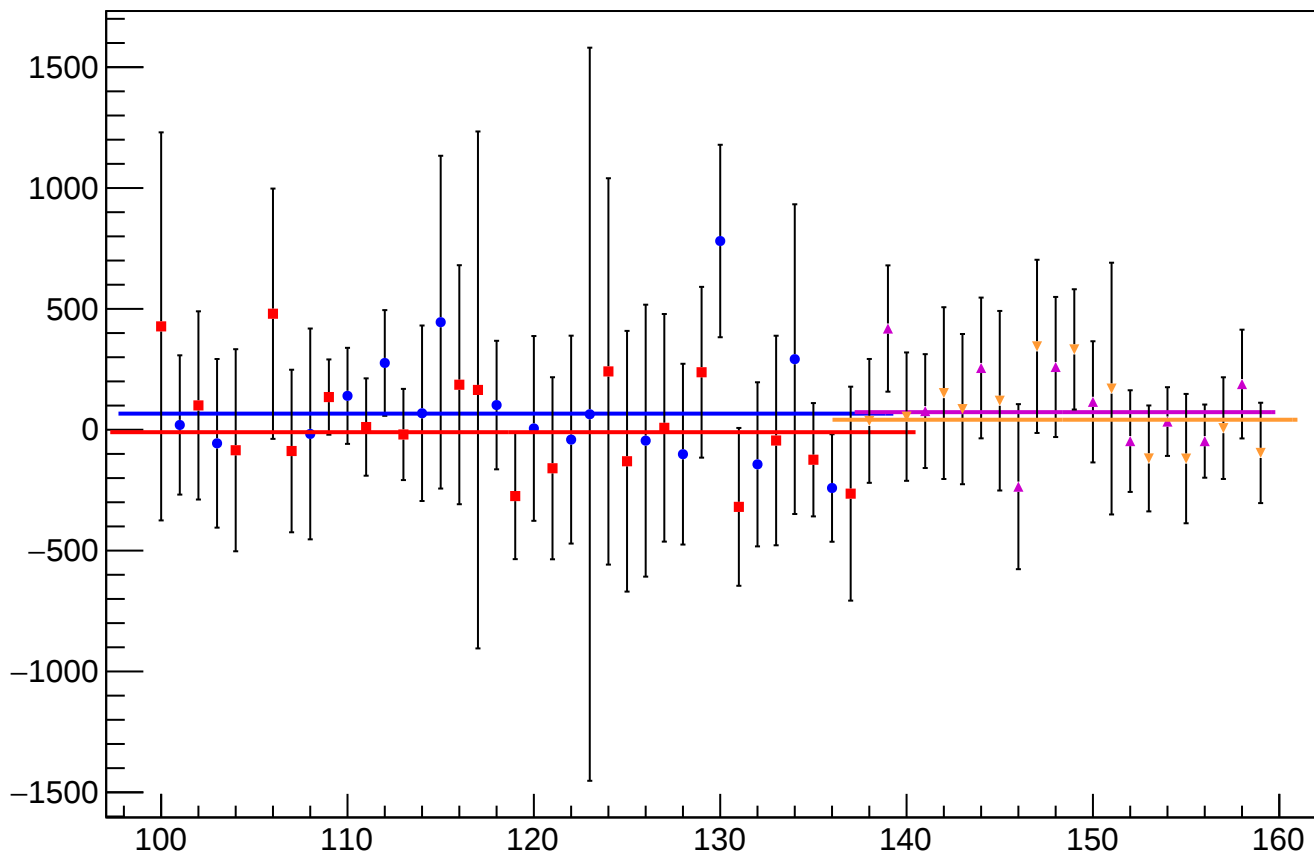
Left In: 22.640 $\pm$ 0.006 χ^2 /NDF: 6031.8/9

22.842 $\pm$ 0.004 χ^2 /NDF: 17682.7/28

22.793 $\pm$ 0.003 χ^2 /NDF: 35807.5/58

22.744 $\pm$ 0.004 χ^2 /NDF: 17840.8/29

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 66.701 $\pm$ 79.995 χ^2 /NDF: 7.5/16

Left Out: 41.400 $\pm$ 78.285 χ^2 /NDF: 3.7/11

Right Out: -10.113 $\pm$ 70.234 χ^2 /NDF: 5.7/19

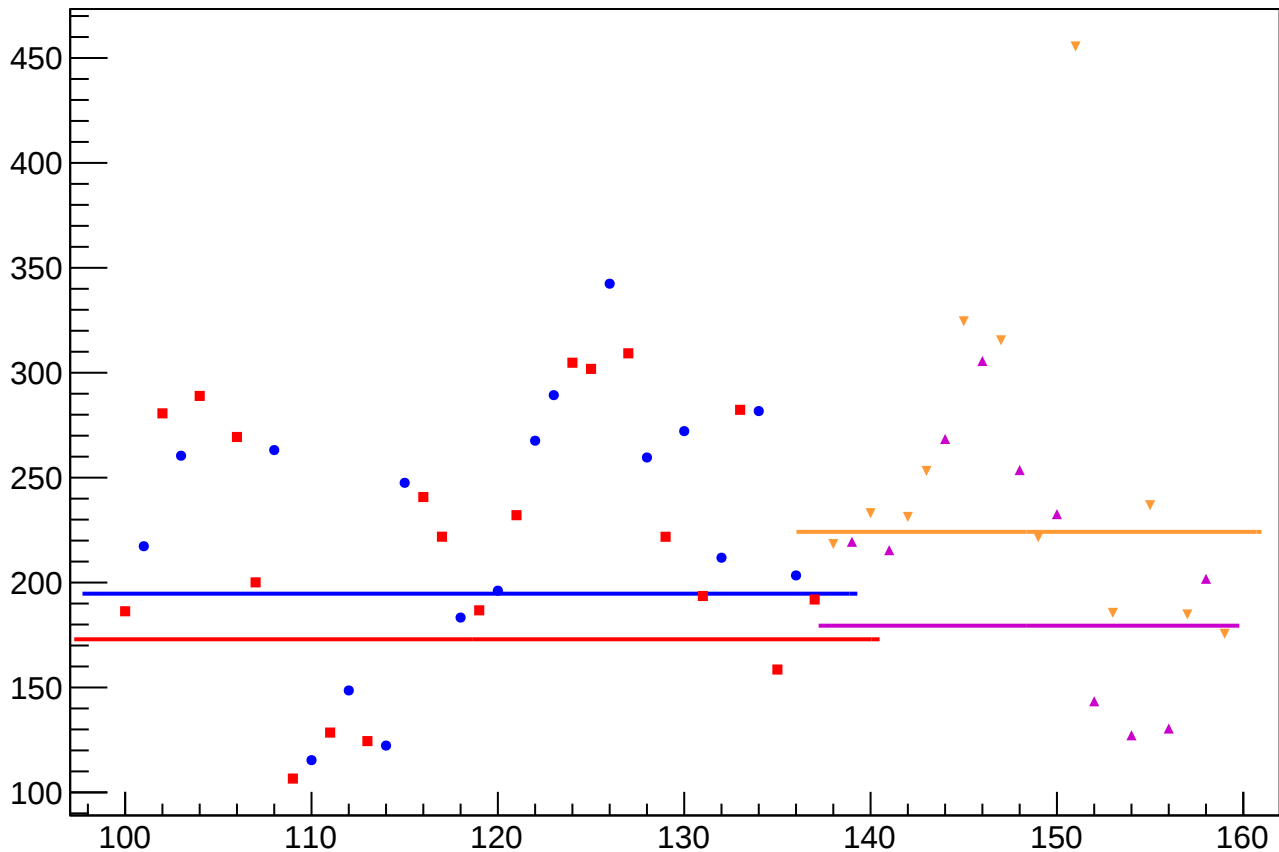
Left In: 72.764 $\pm$ 67.987 χ^2 /NDF: 4.7/9

53.777 $\pm$ 55.951 χ^2 /NDF: 11.3/28

41.802 $\pm$ 36.798 χ^2 /NDF: 22.5/58

32.673 $\pm$ 48.849 χ^2 /NDF: 11.1/29

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 194.703 $\pm$ 0.057 χ^2 /NDF: 1019872.4/16

Left Out: 224.167 $\pm$ 0.055 χ^2 /NDF:938293.1/11

Right Out: 172.965 $\pm$ 0.050 χ^2 /NDF: 1601142.0/19

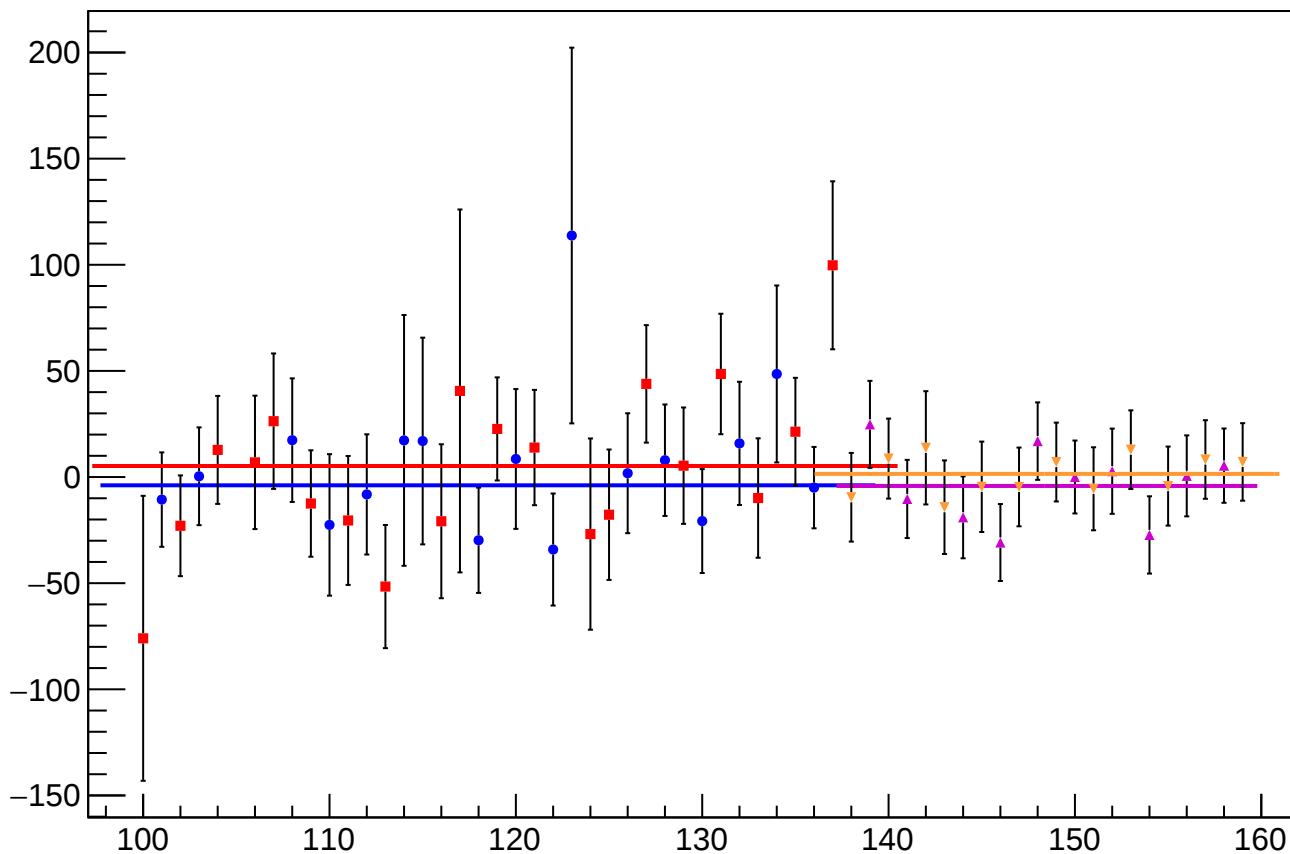
Left In: 179.451 $\pm$ 0.048 χ^2 /NDF:1332555.1/9

209.753 $\pm$ 0.040 χ^2 /NDF: 2096755.6/28

190.778 $\pm$ 0.026 χ^2 /NDF: 5444636.8/58

176.314 $\pm$ 0.035 χ^2 /NDF: 2942502.8/29

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -3.894 ± 6.915 χ^2/NDF : 8.4/16

Left Out: 1.482 ± 5.687 χ^2/NDF : 2.3/11

Right Out: 5.204 ± 6.706 χ^2/NDF : 21.5/19

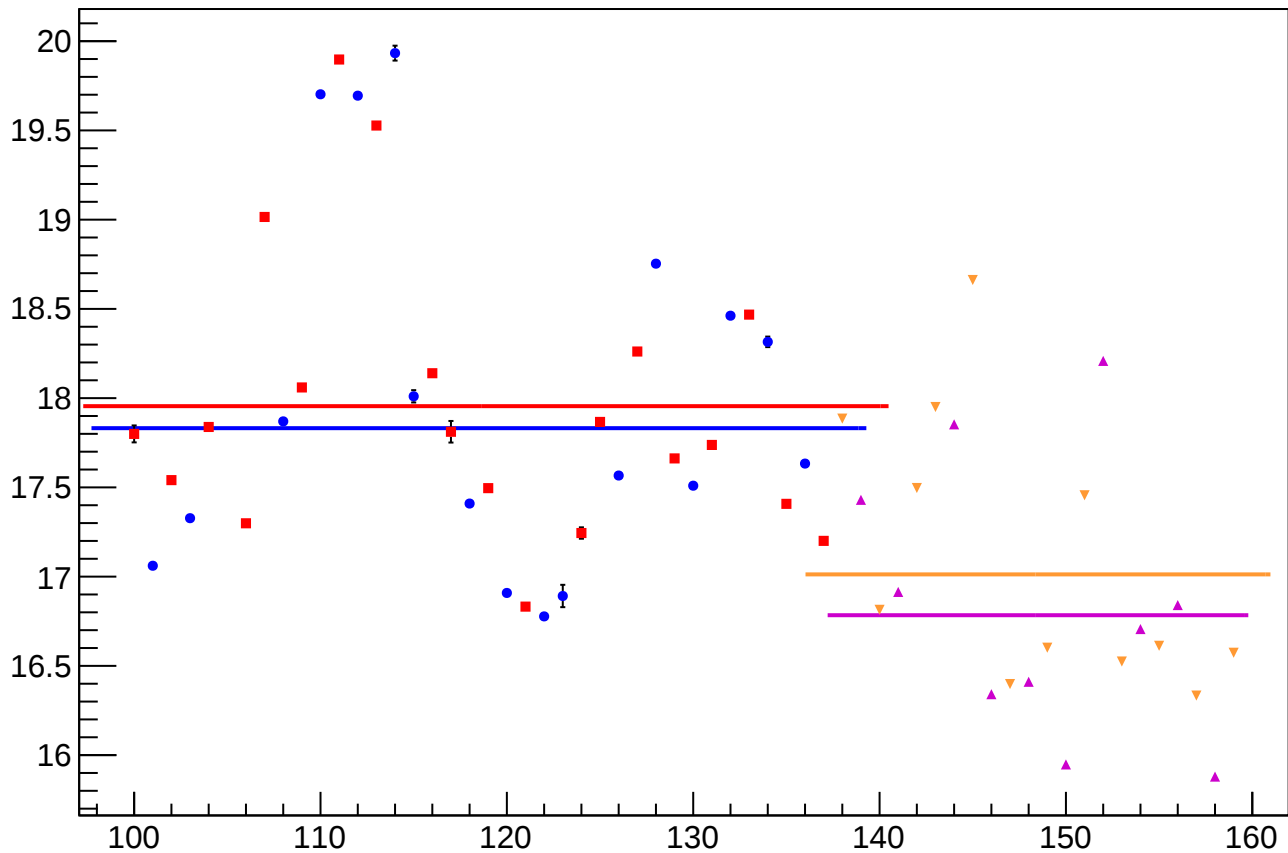
Left In: -4.199 ± 5.875 χ^2/NDF : 8.4/9

-0.687 ± 4.393 χ^2/NDF : 11.0/28

-0.403 ± 3.115 χ^2/NDF : 42.0/58

-0.116 ± 4.419 χ^2/NDF : 31.0/29

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.832 $\pm$ 0.005 χ^2 /NDF: 30863.4/16

Left Out: 17.013 $\pm$ 0.004 χ^2 /NDF:30354.6/11

Right Out: 17.955 $\pm$ 0.005 χ^2 /NDF: 25454.6/19

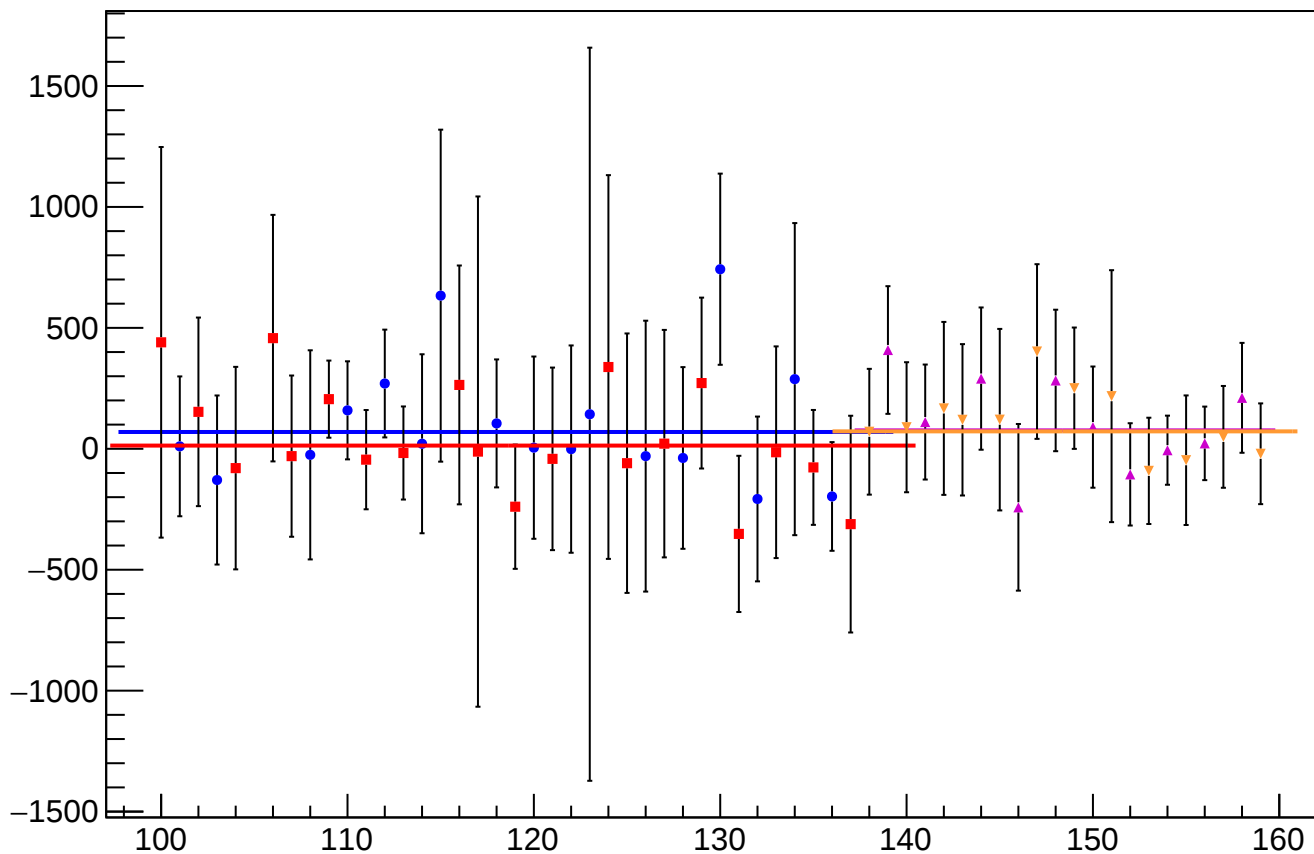
Left In: 16.784 $\pm$ 0.004 χ^2 /NDF:30466.9/9

17.343 $\pm$ 0.003 χ^2 /NDF: 77962.3/28

17.318 $\pm$ 0.002 χ^2 /NDF: 168531.7/58

17.292 $\pm$ 0.003 χ^2 /NDF: 90437.4/29

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 69.511+/-80.550 χ^2/NDF : 7.4/16

Left Out: 72.070+/-78.740 χ^2/NDF : 2.5/11

Right Out: 13.298+/-70.881 χ^2/NDF : 6.7/19

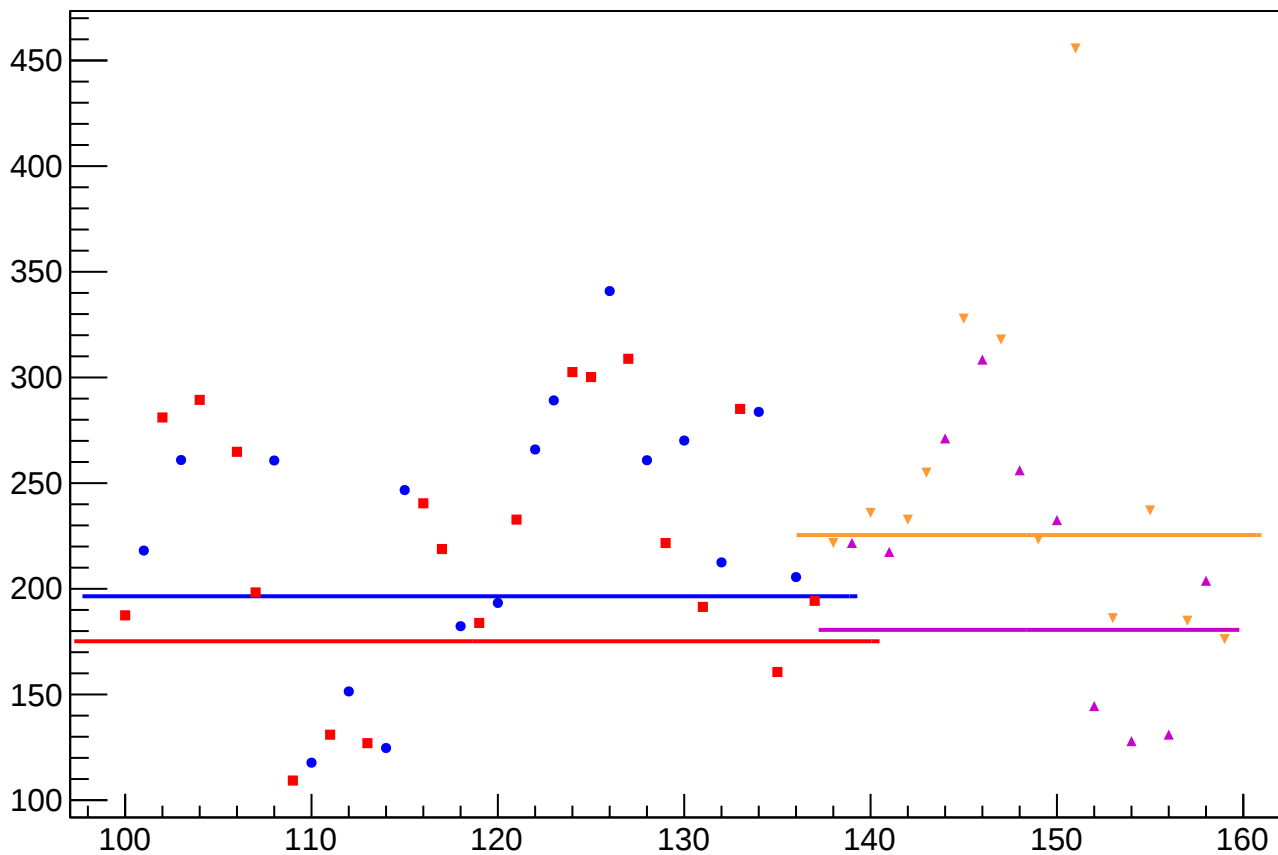
Left In: 76.193+/-68.417 χ^2/NDF : 5.0/9

70.819+/-56.307 χ^2/NDF : 9.9/28

56.671+/-37.060 χ^2/NDF : 22.1/58

45.858+/-49.226 χ^2/NDF : 12.2/29

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 196.470 $\pm$ 0.057 χ^2 /NDF: 964281.5/16

Left Out: 225.437 $\pm$ 0.056 χ^2 /NDF: 947121.1/11

Right Out: 175.179 $\pm$ 0.050 χ^2 /NDF: 1514541.6/19

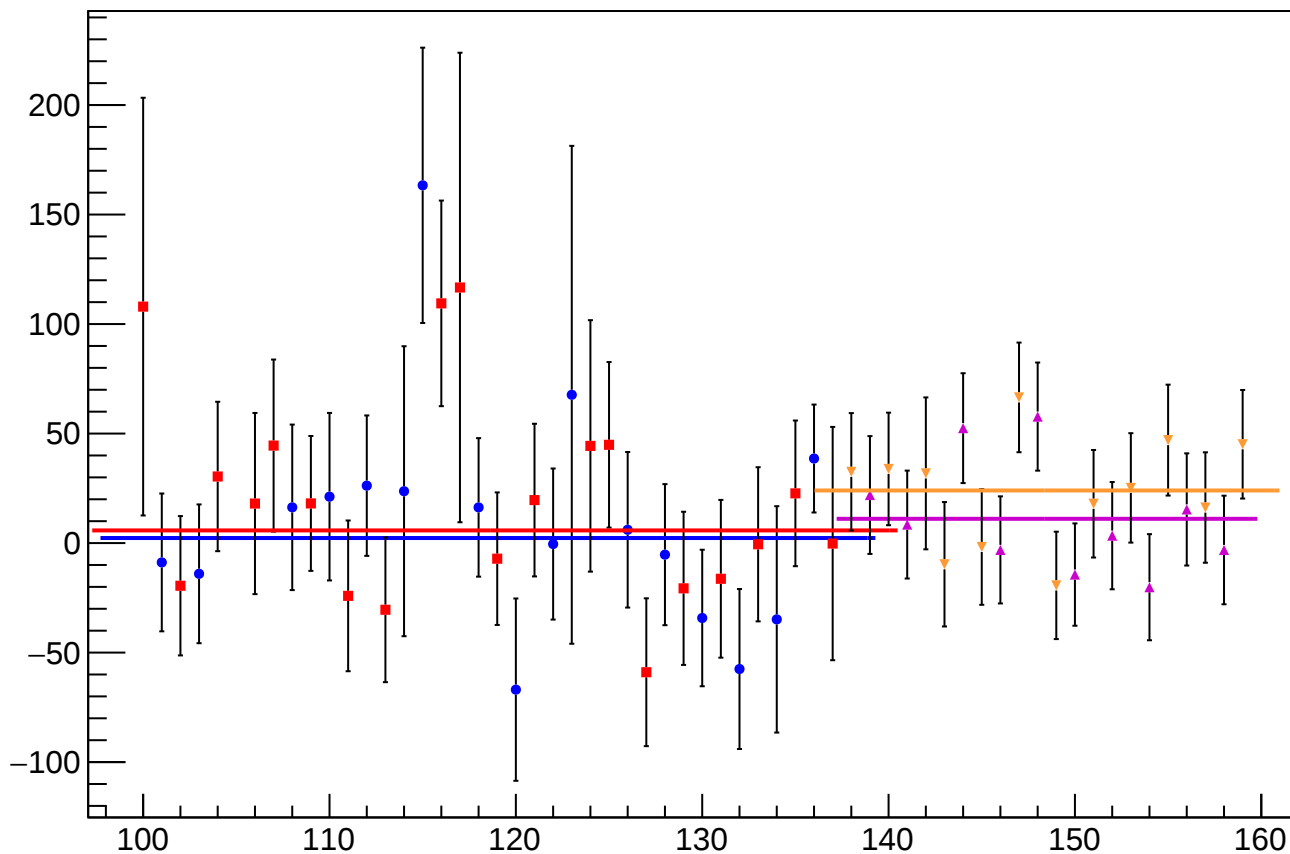
Left In: 180.573 $\pm$ 0.048 χ^2 /NDF: 1344232.6/9

211.283 $\pm$ 0.040 χ^2 /NDF: 2043659.0/28

192.402 $\pm$ 0.026 χ^2 /NDF: 5305179.9/58

177.971 $\pm$ 0.035 χ^2 /NDF: 2864769.9/29

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 2.307 ± 8.805 $\chi^2/\text{NDF}: 18.1/16$

Left Out: 24.018 ± 7.518 $\chi^2/\text{NDF}: 10.4/11$

Right Out: 5.783 ± 8.453 $\chi^2/\text{NDF}: 18.2/19$

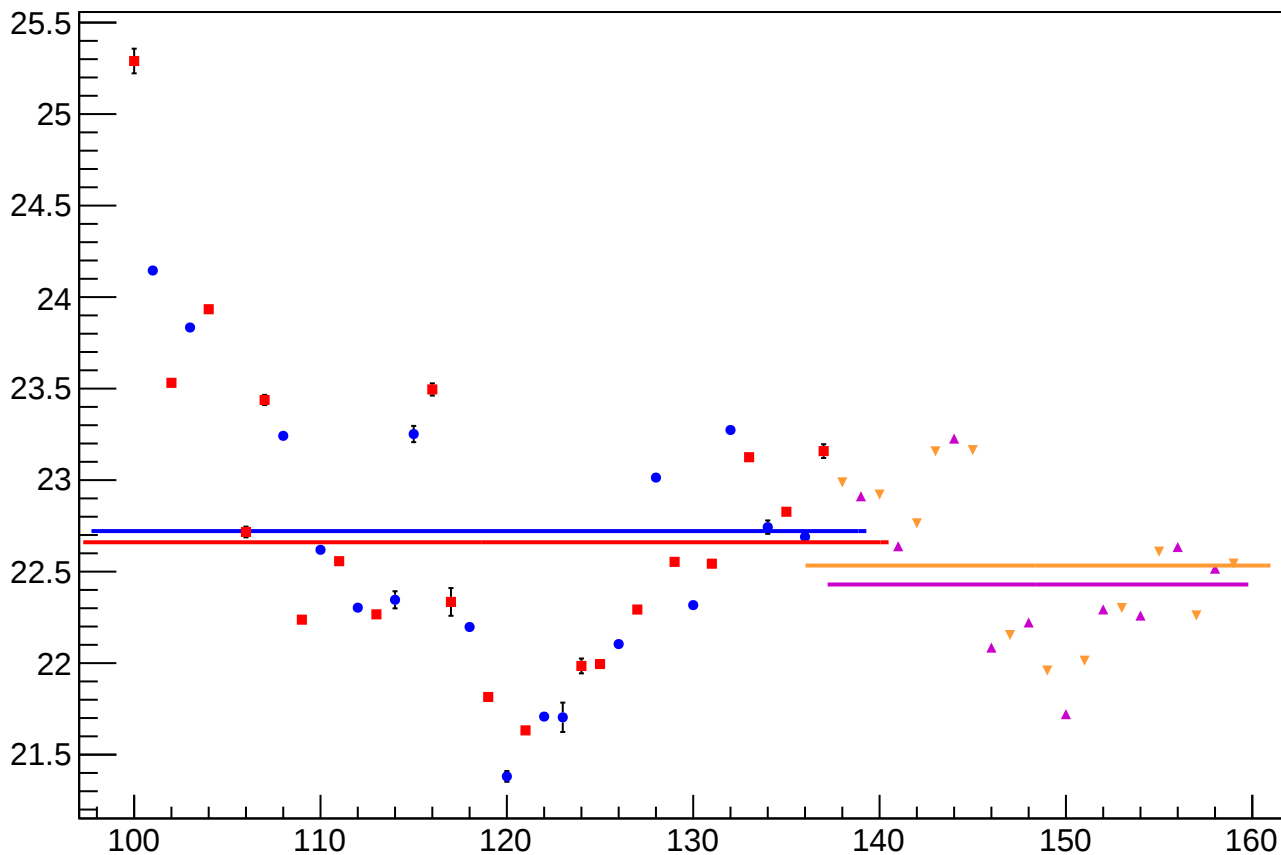
Left In: 11.081 ± 7.834 $\chi^2/\text{NDF}: 10.1/9$

14.864 ± 5.717 $\chi^2/\text{NDF}: 32.0/28$

11.764 ± 4.053 $\chi^2/\text{NDF}: 61.1/58$

8.633 ± 5.746 $\chi^2/\text{NDF}: 28.5/29$

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.722+/-0.006 χ^2/NDF : 13580.6/16

Left Out: 22.533+/-0.005 χ^2/NDF : 6101.7/11

Right Out: 22.660+/-0.006 χ^2/NDF : 12974.2/19

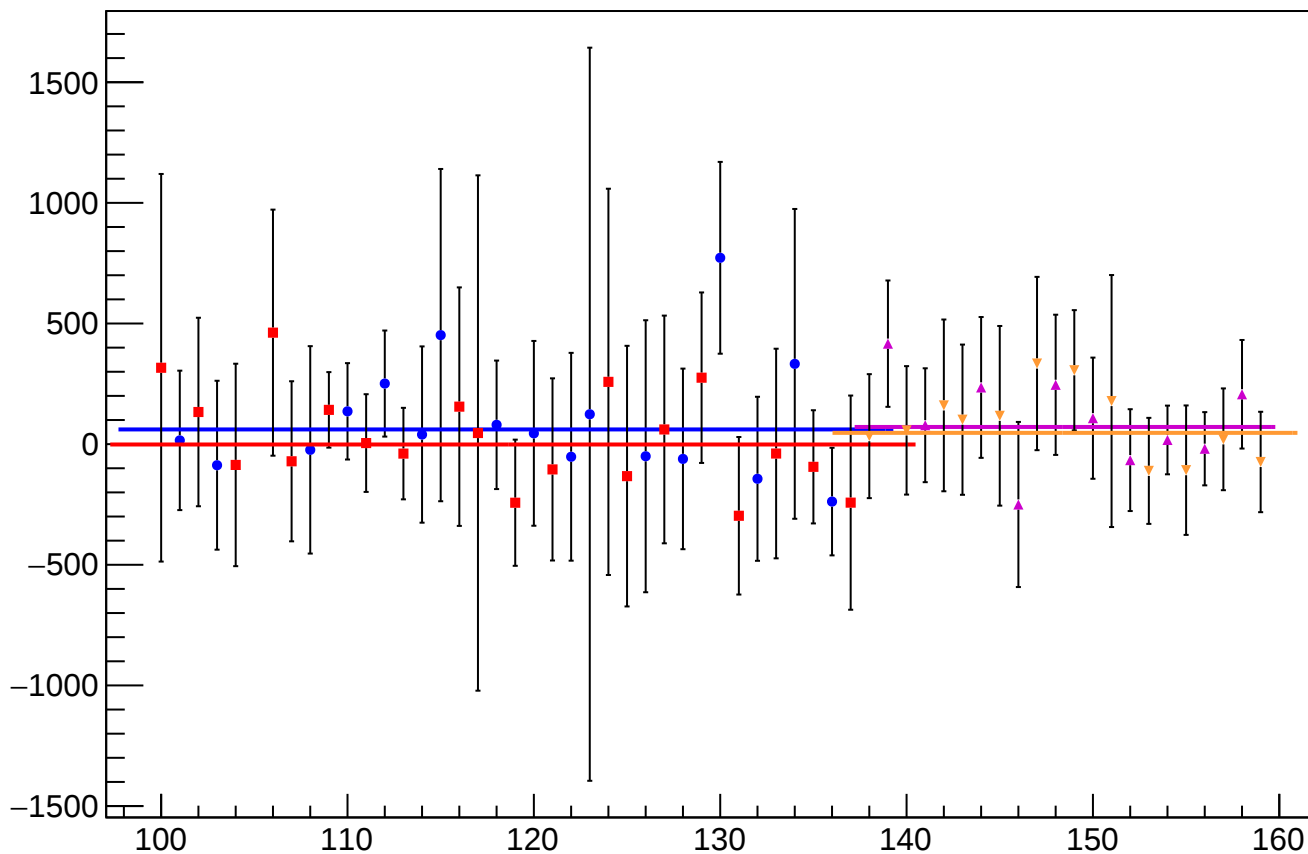
Left In: 22.430+/-0.006 χ^2/NDF : 5497.7/9

22.613+/-0.004 χ^2/NDF : 20210.8/28

22.575+/-0.003 χ^2/NDF : 39661.8/58

22.536+/-0.004 χ^2/NDF : 19273.4/29

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 60.960 $\pm$ 80.197 χ^2 /NDF: 7.2/16

Left Out: 46.774 $\pm$ 78.468 χ^2 /NDF: 3.2/11

Right Out: -1.439 $\pm$ 70.395 χ^2 /NDF: 5.2/19

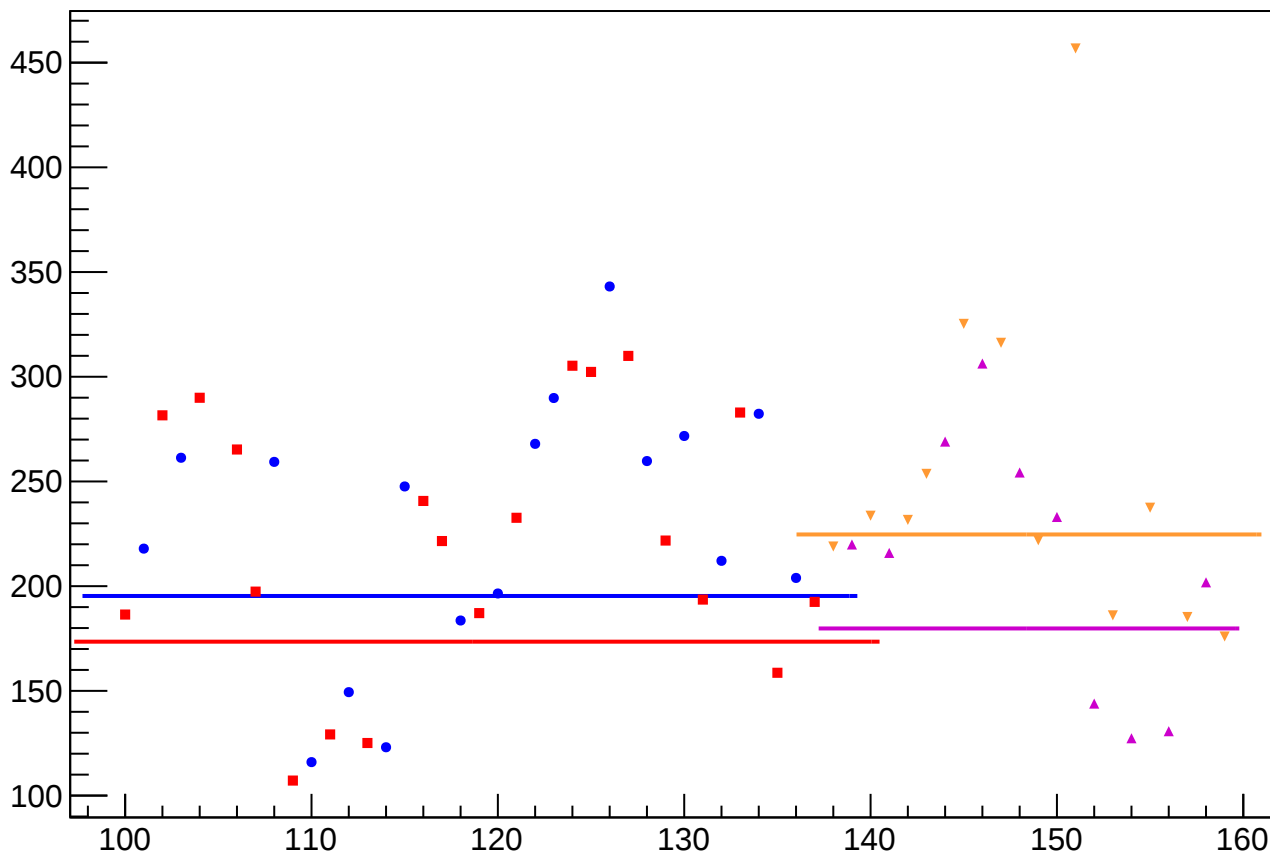
Left In: 71.213 $\pm$ 68.121 χ^2 /NDF: 4.6/9

53.712 $\pm$ 56.087 χ^2 /NDF: 10.4/28

43.704 $\pm$ 36.881 χ^2 /NDF: 20.8/58

36.079 $\pm$ 48.953 χ^2 /NDF: 10.3/29

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 195.316 $\pm$ 0.057 χ^2/NDF : 1004211.5/16

Left Out: 224.690 $\pm$ 0.055 χ^2/NDF :938269.9/11

Right Out: 173.495 $\pm$ 0.050 χ^2/NDF : 1582449.6/19

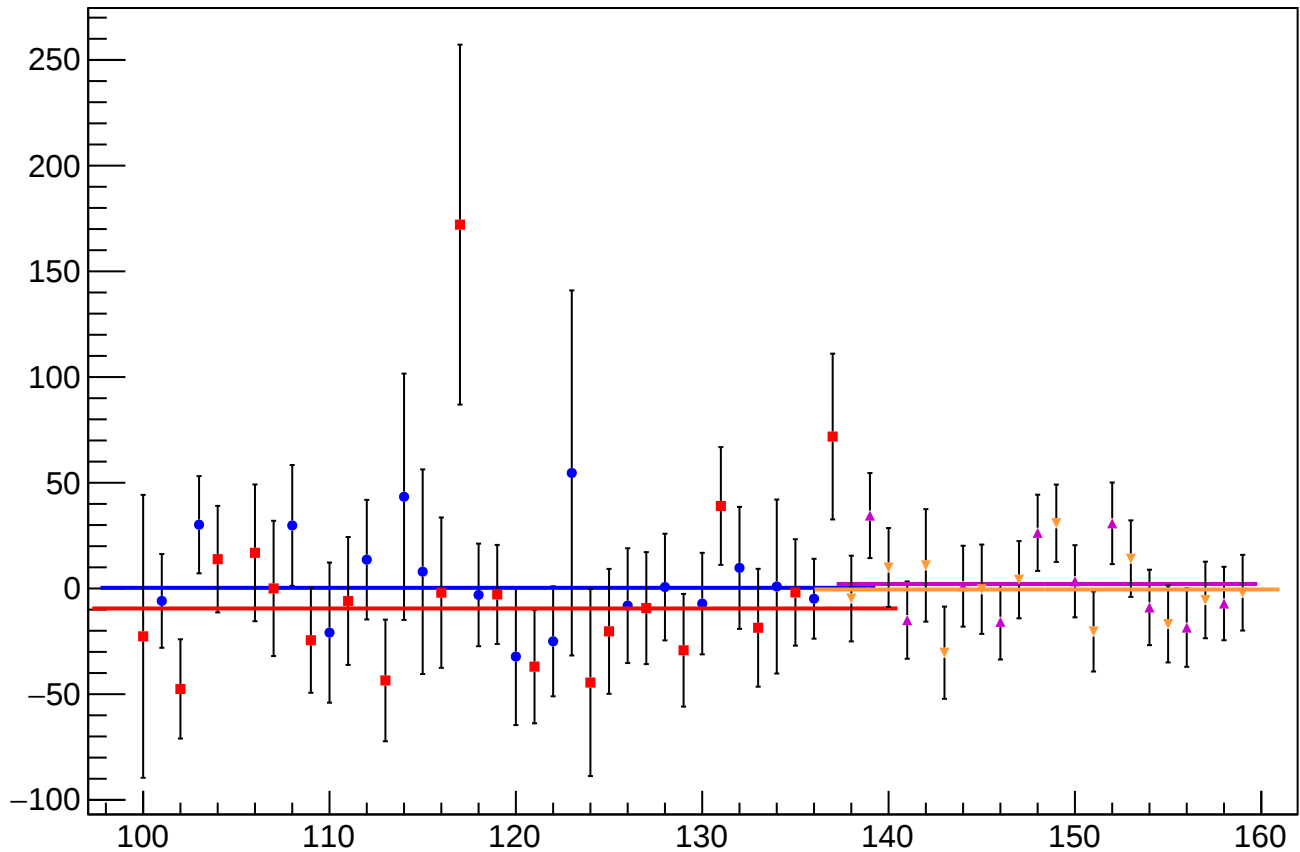
Left In: 179.803 $\pm$ 0.048 χ^2/NDF :1332701.6/9

210.323 $\pm$ 0.040 χ^2/NDF : 2079563.2/28

191.268 $\pm$ 0.026 χ^2/NDF : 5409701.2/58

176.752 $\pm$ 0.035 χ^2/NDF : 2923444.3/29

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.305 ± 6.812 χ^2/NDF : 6.8/16

Left Out: -0.473 ± 5.584 χ^2/NDF : 8.1/11

Right Out: -9.452 ± 6.608 χ^2/NDF : 20.6/19

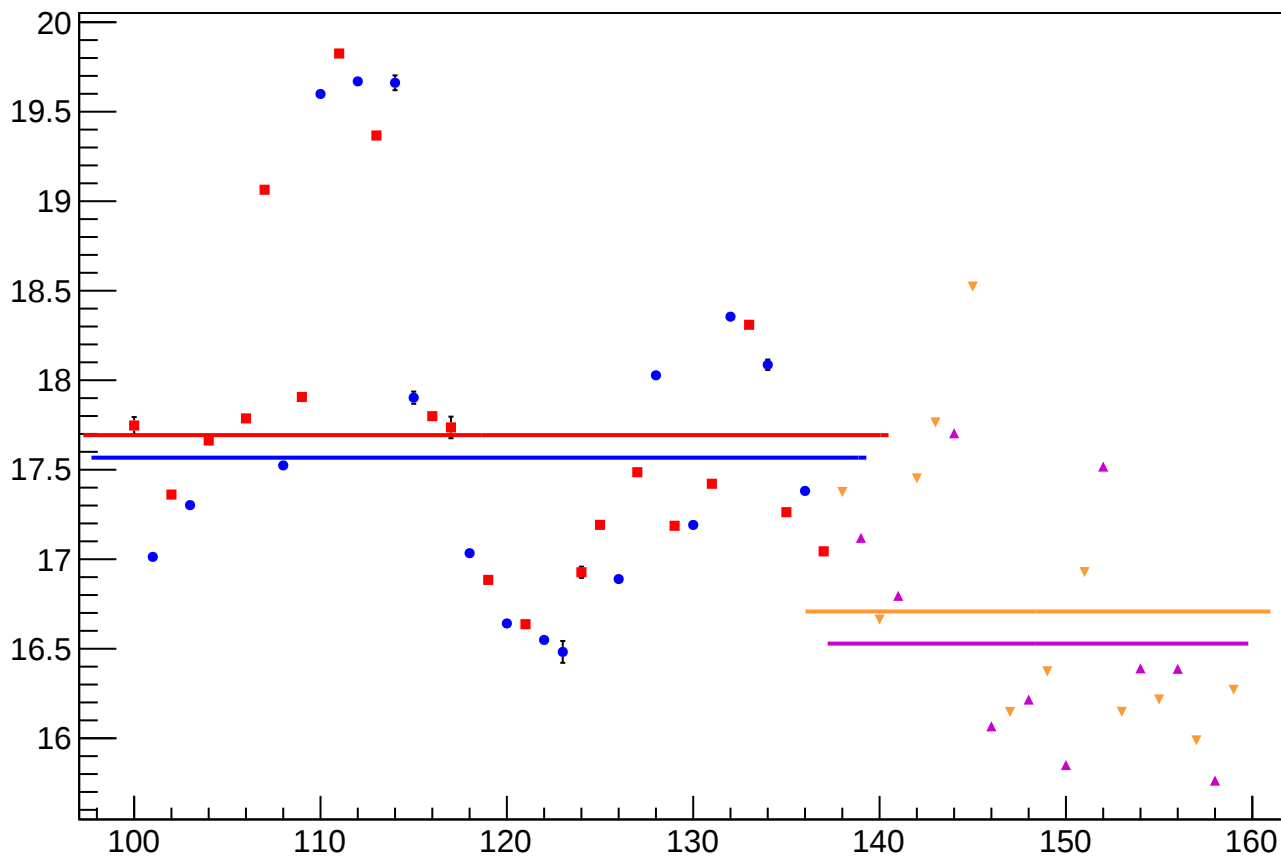
Left In: 2.136 ± 5.783 χ^2/NDF : 10.4/9

-0.160 ± 4.319 χ^2/NDF : 14.8/28

-1.515 ± 3.065 χ^2/NDF : 47.8/58

-2.890 ± 4.352 χ^2/NDF : 32.8/29

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.567 $\pm$ 0.005 χ^2 /NDF: 33145.0/16

Left Out: 16.708 $\pm$ 0.004 χ^2 /NDF:33743.6/11

Right Out: 17.693 $\pm$ 0.005 χ^2 /NDF: 30767.6/19

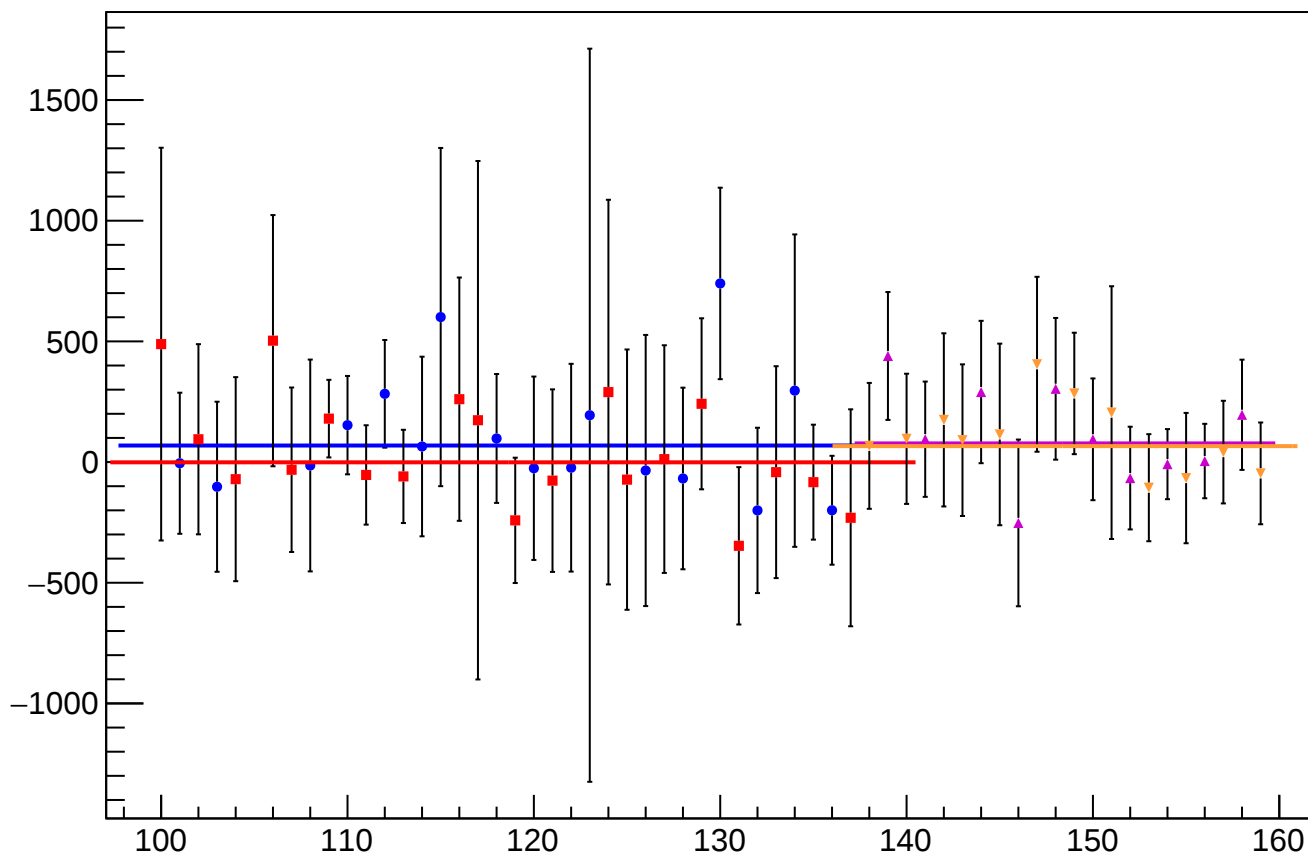
Left In: 16.529 $\pm$ 0.004 χ^2 /NDF:24177.4/9

17.053 $\pm$ 0.003 χ^2 /NDF: 85922.2/28

17.044 $\pm$ 0.002 χ^2 /NDF: 176074.6/58

17.034 $\pm$ 0.003 χ^2 /NDF: 90132.1/29

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 68.553 $\pm$ 81.018 χ^2 /NDF: 7.3/16

Left Out: 66.059 $\pm$ 79.266 χ^2 /NDF: 3.0/11

Right Out: -1.057 $\pm$ 71.380 χ^2 /NDF: 6.1/19

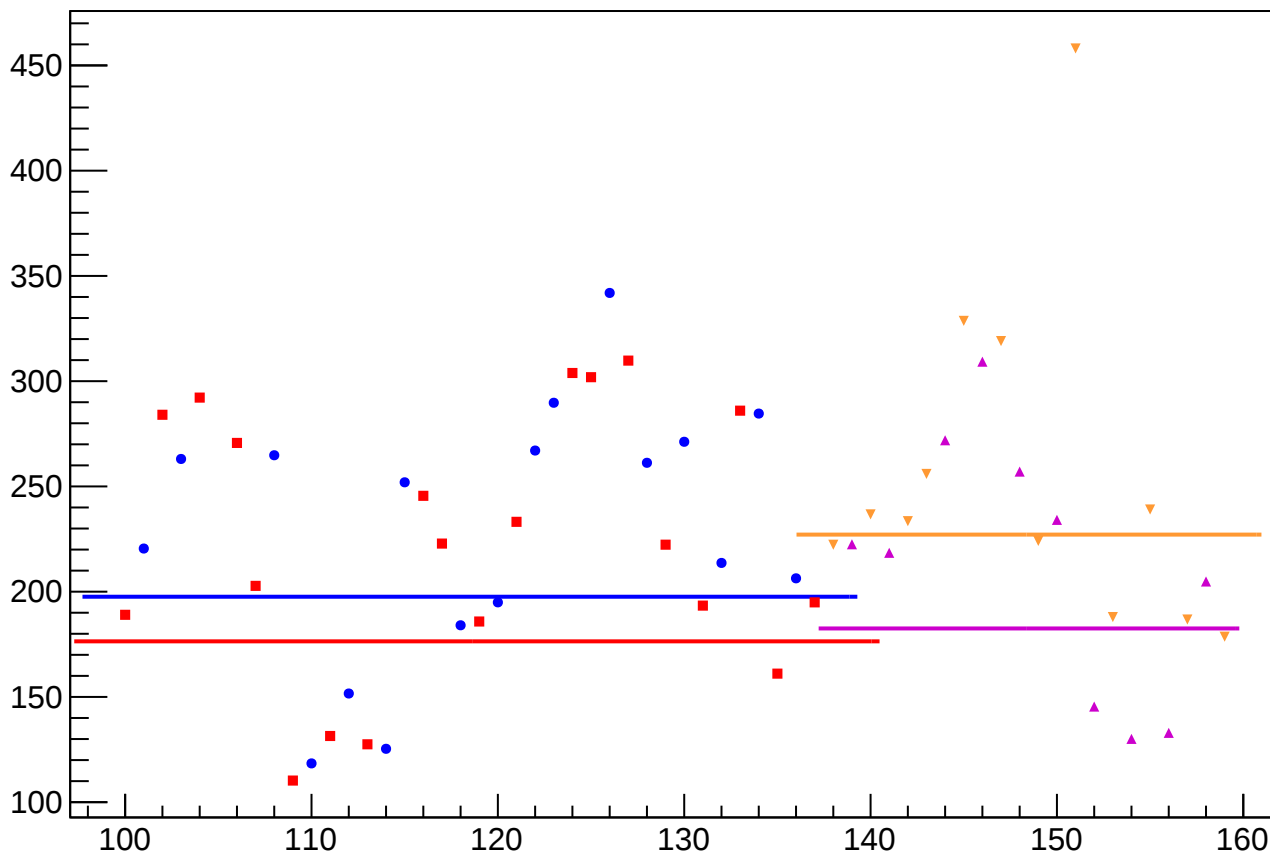
Left In: 77.303 $\pm$ 69.050 χ^2 /NDF: 5.2/9

67.279 $\pm$ 56.659 χ^2 /NDF: 10.3/28

51.516 $\pm$ 37.332 χ^2 /NDF: 22.4/58

39.423 $\pm$ 49.629 χ^2 /NDF: 12.0/29

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 197.603 $\pm$ 0.057 χ^2 /NDF: 968827.8/16

Left Out: 227.115 $\pm$ 0.056 χ^2 /NDF: 928678.9/11

Right Out: 176.407 $\pm$ 0.050 χ^2 /NDF: 1523589.5/19

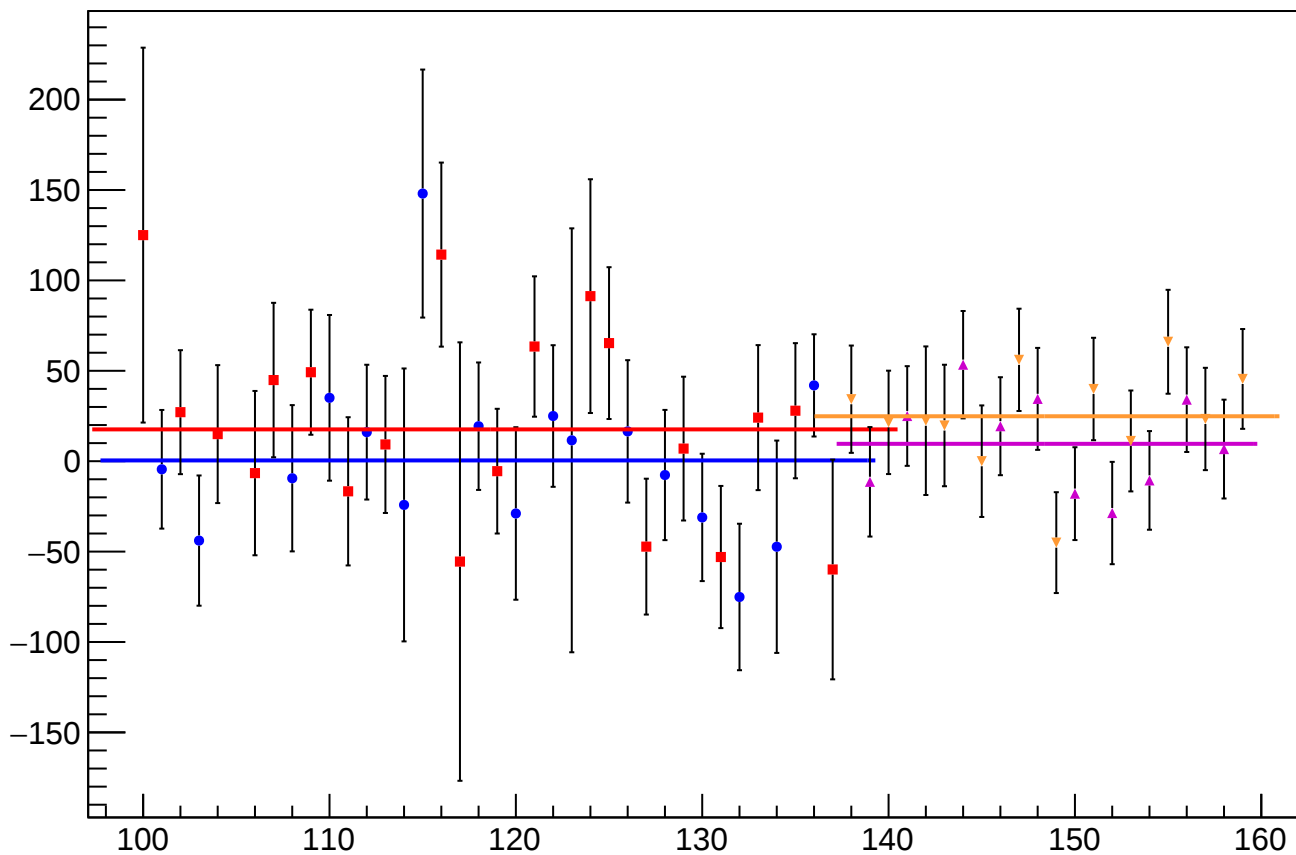
Left In: 182.530 $\pm$ 0.049 χ^2 /NDF: 1304189.9/9

212.682 $\pm$ 0.040 χ^2 /NDF: 2033094.3/28

193.945 $\pm$ 0.026 χ^2 /NDF: 5254989.9/58

179.570 $\pm$ 0.035 χ^2 /NDF: 2835380.0/29

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.427 $\pm$ 9.884 χ^2/NDF : 15.5/16

Left Out: 24.857 $\pm$ 8.535 χ^2/NDF : 11.4/11

Right Out: 17.595 $\pm$ 9.470 χ^2/NDF : 19.8/19

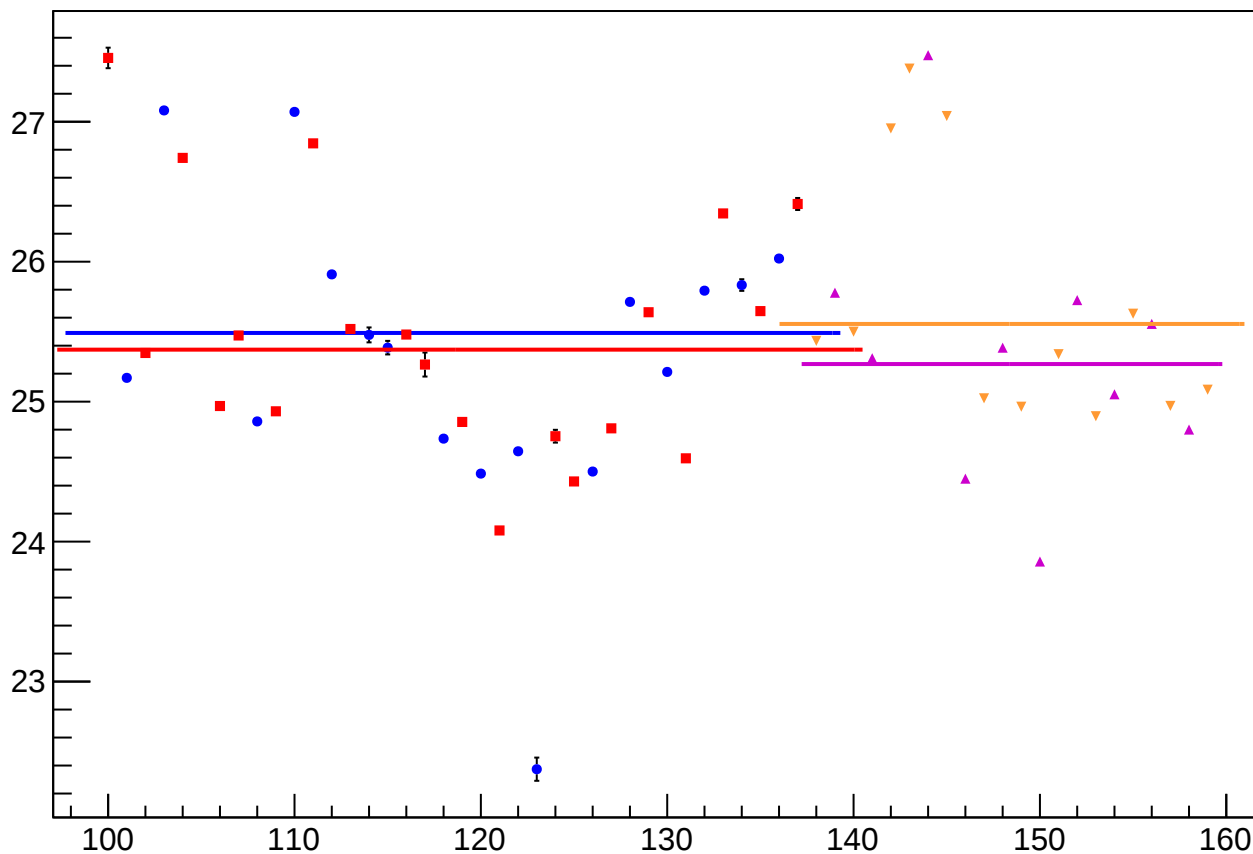
Left In: 9.609 $\pm$ 8.838 χ^2/NDF : 8.1/9

14.421 $\pm$ 6.460 χ^2/NDF : 30.4/28

13.874 $\pm$ 4.568 χ^2/NDF : 58.7/58

13.327 $\pm$ 6.461 χ^2/NDF : 28.3/29

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.491 $\pm$ 0.007 χ^2 /NDF: 13713.0/16

Left Out: 25.555 $\pm$ 0.006 χ^2 /NDF:17174.0/11

Right Out: 25.372 $\pm$ 0.007 χ^2 /NDF: 13552.0/19

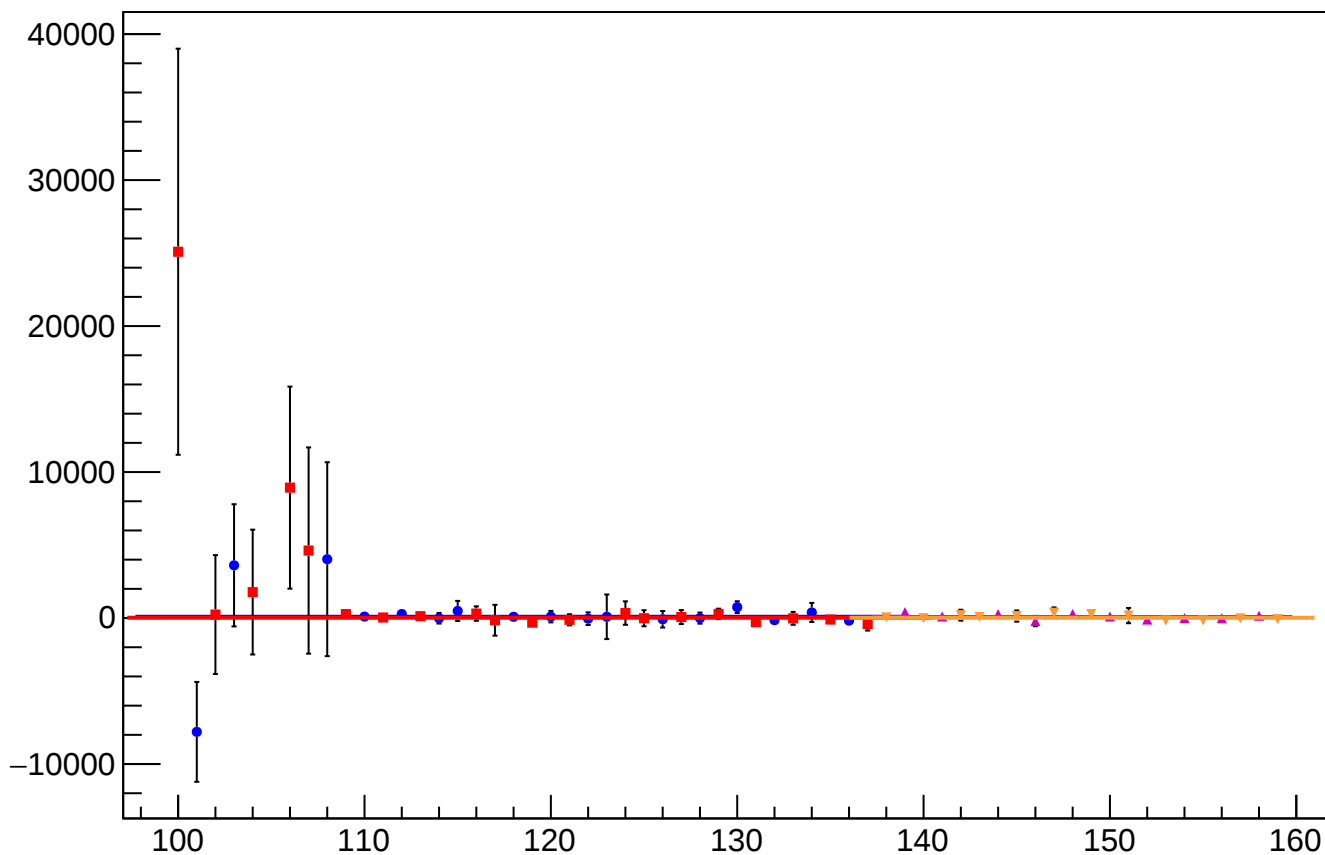
Left In: 25.269 $\pm$ 0.006 χ^2 /NDF:20950.5/9

25.528 $\pm$ 0.005 χ^2 /NDF: 30935.5/28

25.422 $\pm$ 0.003 χ^2 /NDF: 66632.3/58

25.317 $\pm$ 0.005 χ^2 /NDF: 34628.7/29

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 86.558 $\pm$ 88.423 χ^2 /NDF: 12.5/16

Left Out: 21.987 $\pm$ 81.013 χ^2 /NDF:3.6/11

Right Out: 22.332 $\pm$ 80.711 χ^2 /NDF: 11.9/19

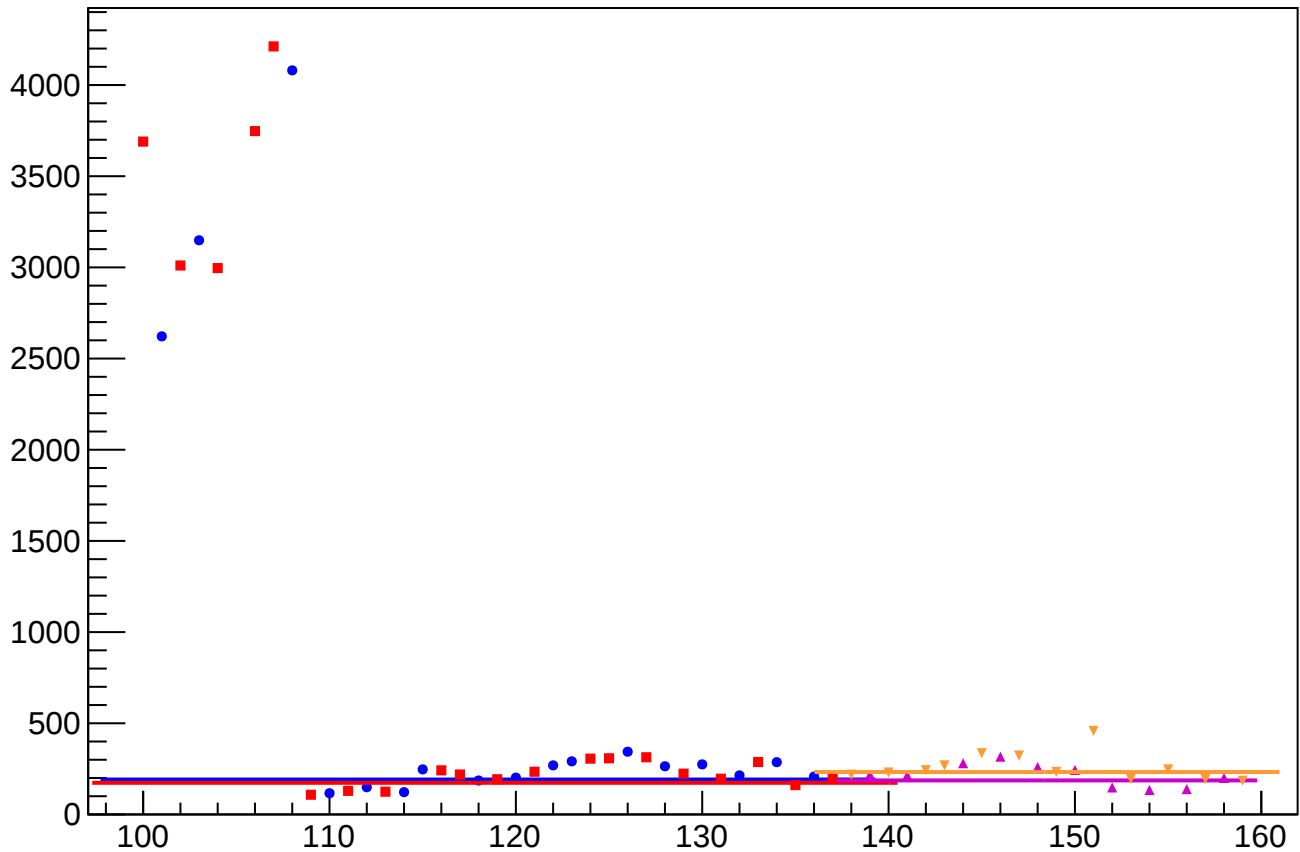
Left In: 72.293 $\pm$ 70.366 χ^2 /NDF:4.5/9

51.454 $\pm$ 59.733 χ^2 /NDF: 16.4/28

51.042 $\pm$ 39.661 χ^2 /NDF: 33.1/58

50.718 $\pm$ 53.039 χ^2 /NDF: 16.7/29

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 191.478 ± 0.063 χ^2/NDF : 3573154.3/16

Left Out: 232.613 ± 0.057 χ^2/NDF : 891208.3/11

Right Out: 173.565 ± 0.057 χ^2/NDF : 4211161.0/19

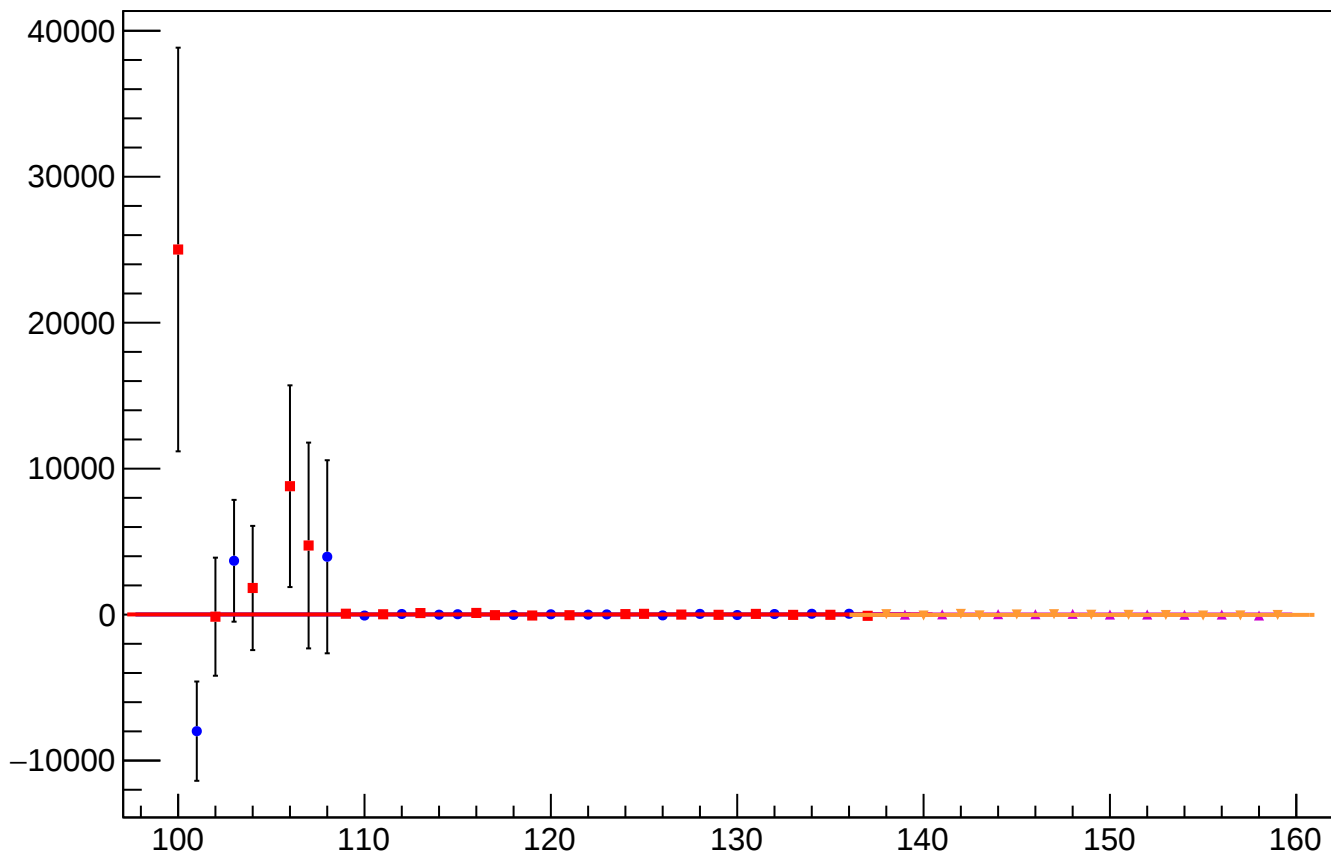
Left In: 186.599 ± 0.050 χ^2/NDF : 1227484.9/9

213.841 ± 0.042 χ^2/NDF : 4699669.0/28

195.462 ± 0.028 χ^2/NDF : 10506590.5/58

180.971 ± 0.038 χ^2/NDF : 5468280.8/29

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 10.286+/-12.282 χ^2/NDF : 18.4/16

Left Out: -19.409+/-10.000 χ^2/NDF : 11.9/11

Right Out: 12.296+/-12.186 χ^2/NDF : 24.9/19

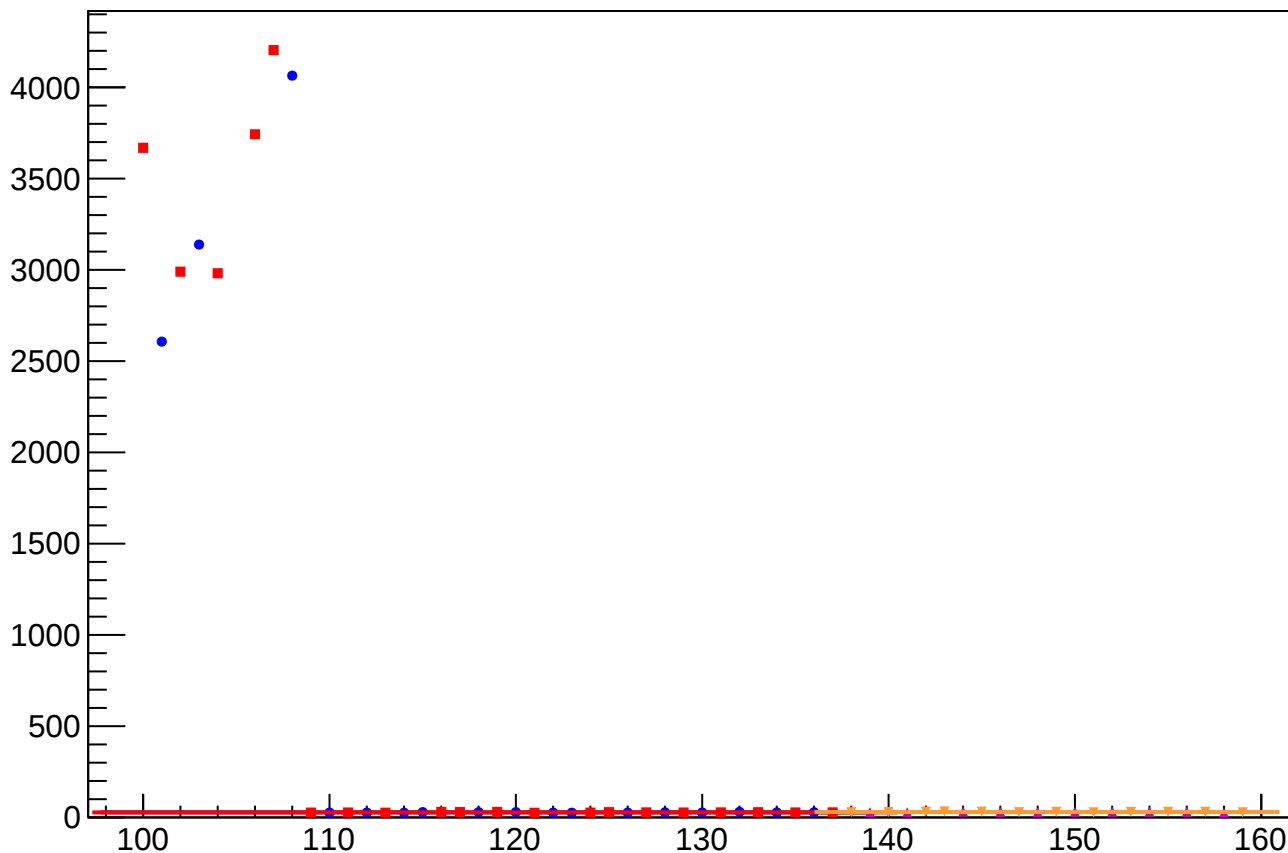
Left In: 6.679+/-10.412 χ^2/NDF : 8.5/9

-7.572+/-7.755 χ^2/NDF : 33.8/28

0.568+/-5.540 χ^2/NDF : 69.6/58

9.049+/-7.916 χ^2/NDF : 33.5/29

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.855+/-0.009 χ^2 /NDF: 3027666.8/16

Left Out: 29.895+/-0.007 χ^2 /NDF:36399.5/11

Right Out: 27.707+/-0.009 χ^2 /NDF: 3477132.0/19

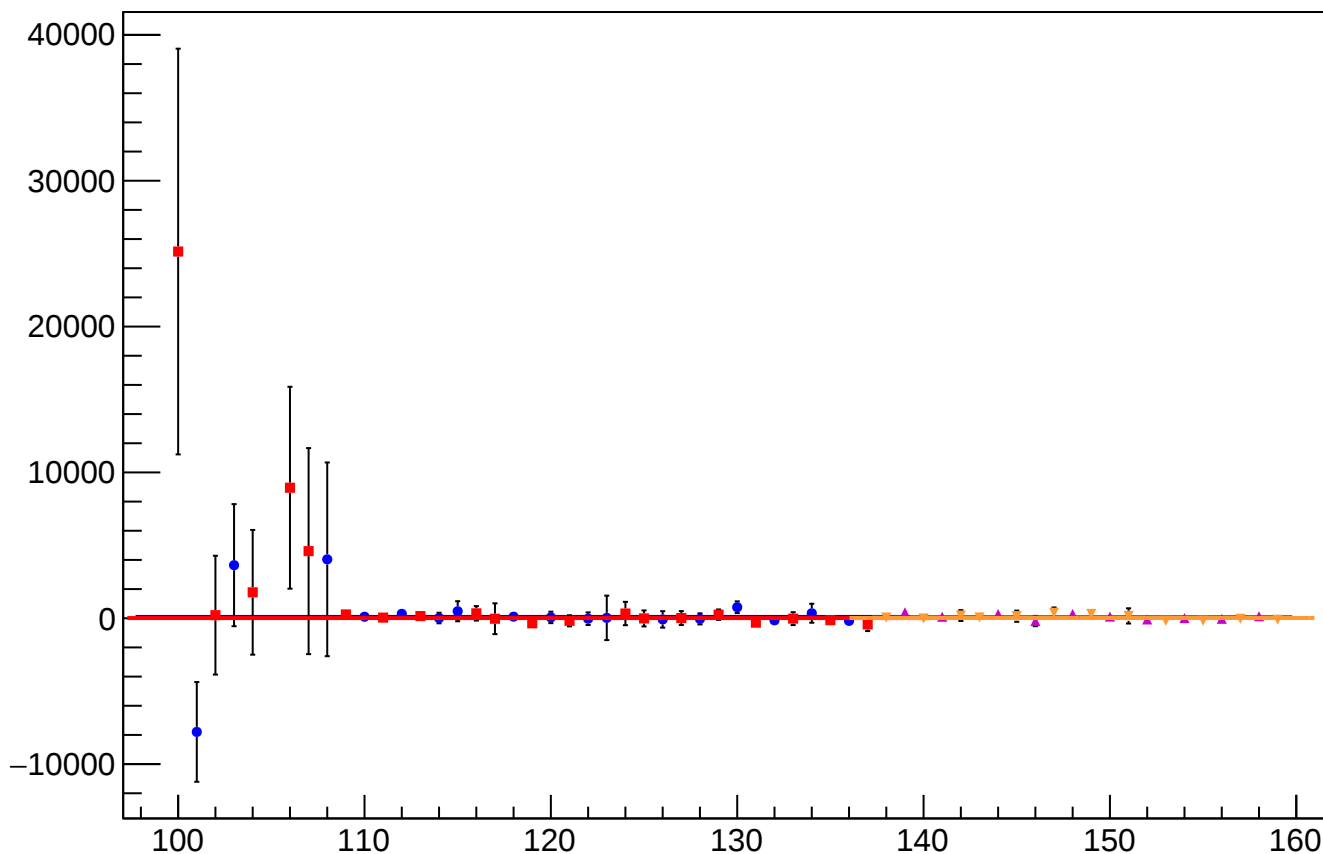
Left In: 29.691+/-0.007 χ^2 /NDF:56830.0/9

29.082+/-0.005 χ^2 /NDF: 3097251.5/28

28.970+/-0.004 χ^2 /NDF: 6662685.8/58

28.854+/-0.006 χ^2 /NDF: 3564589.1/29

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 90.773 $\pm$ 88.149 χ^2 /NDF: 12.8/16

Left Out: 16.539 $\pm$ 80.829 χ^2 /NDF: 4.1/11

Right Out: 13.075 $\pm$ 80.452 χ^2 /NDF: 12.7/19

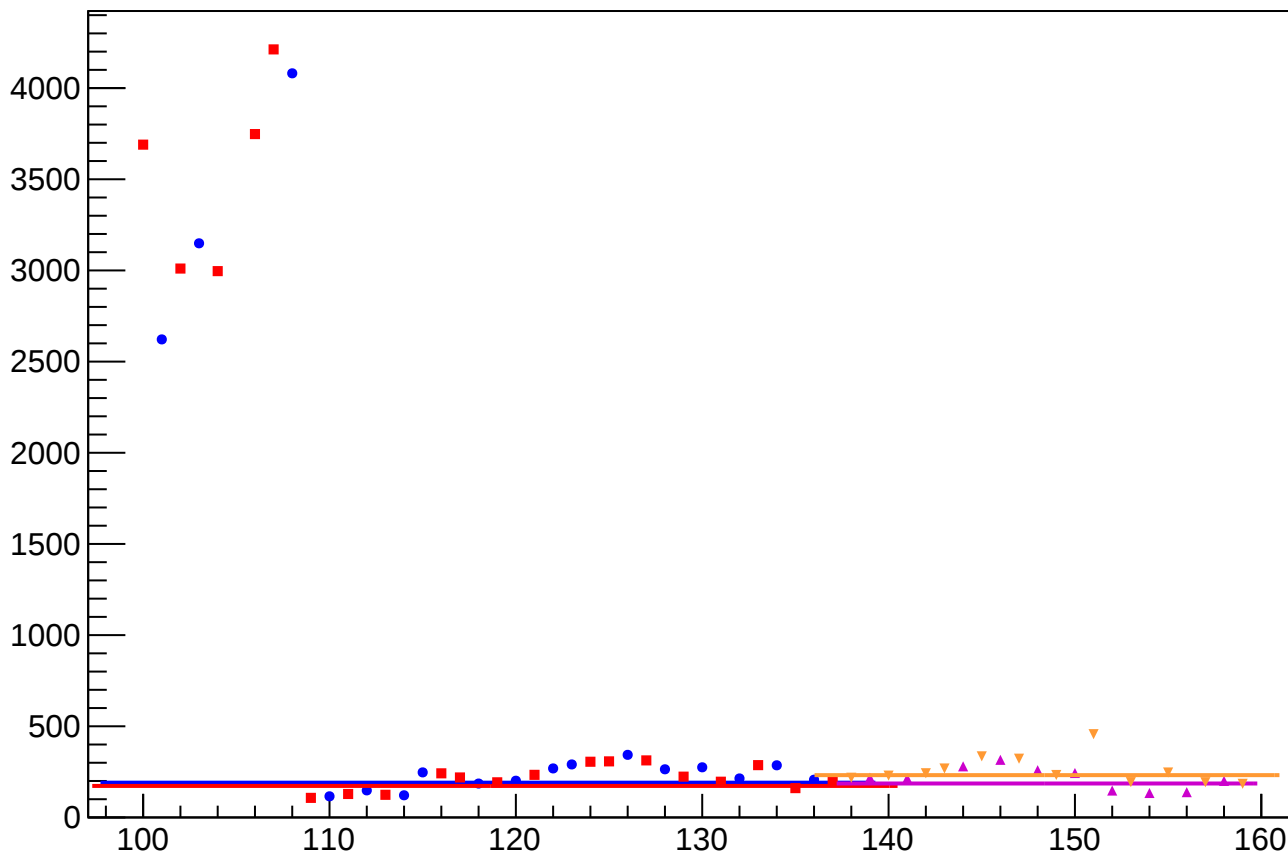
Left In: 73.899 $\pm$ 70.232 χ^2 /NDF: 4.6/9

50.447 $\pm$ 59.575 χ^2 /NDF: 17.3/28

48.852 $\pm$ 39.560 χ^2 /NDF: 34.9/58

47.594 $\pm$ 52.908 χ^2 /NDF: 17.6/29

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 190.770+/-0.062 χ^2/NDF : 3585034.0/16

Left Out: 232.087+/-0.057 χ^2/NDF : 891269.5/11

Right Out: 172.900+/-0.057 χ^2/NDF : 4222511.2/19

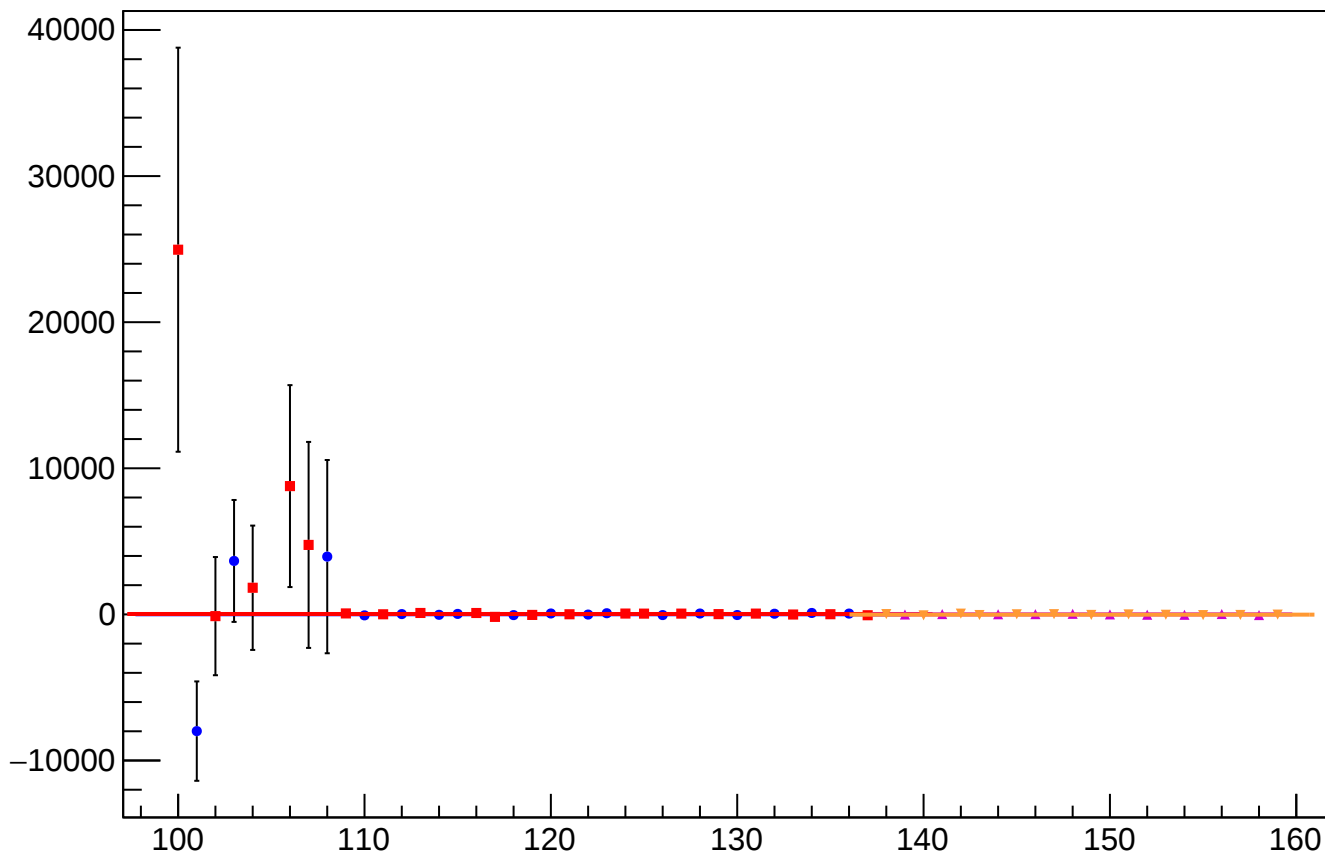
Left In: 186.248+/-0.050 χ^2/NDF : 1227199.1/9

213.214+/-0.042 χ^2/NDF : 4714998.7/28

194.911+/-0.028 χ^2/NDF : 10533626.1/58

180.475+/-0.037 χ^2/NDF : 5480954.2/29

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 8.600 $\pm$ 12.368 χ^2 /NDF: 23.2/16

Left Out: -17.102 $\pm$ 10.079 χ^2 /NDF: 8.8/11

Right Out: 27.898 $\pm$ 12.287 χ^2 /NDF: 18.8/19

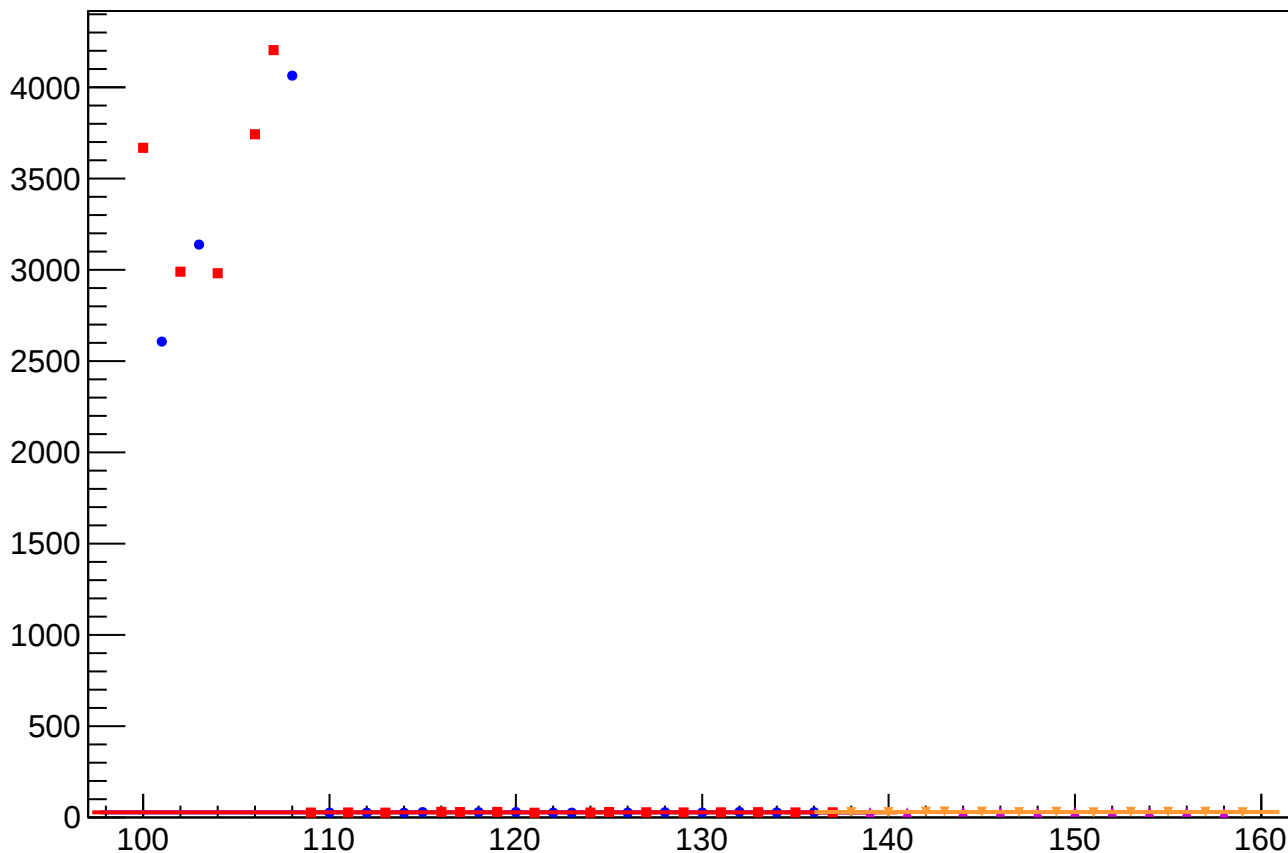
Left In: 1.296 $\pm$ 10.472 χ^2 /NDF: 6.6/9

-6.844 $\pm$ 7.813 χ^2 /NDF: 34.6/28

2.631 $\pm$ 5.579 χ^2 /NDF: 65.6/58

12.490 $\pm$ 7.970 χ^2 /NDF: 28.1/29

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 28.044+/-0.009 χ^2/NDF : 3027898.7/16

Left Out: 30.128+/-0.007 χ^2/NDF : 38258.1/11

Right Out: 27.930+/-0.009 χ^2/NDF : 3479947.6/19

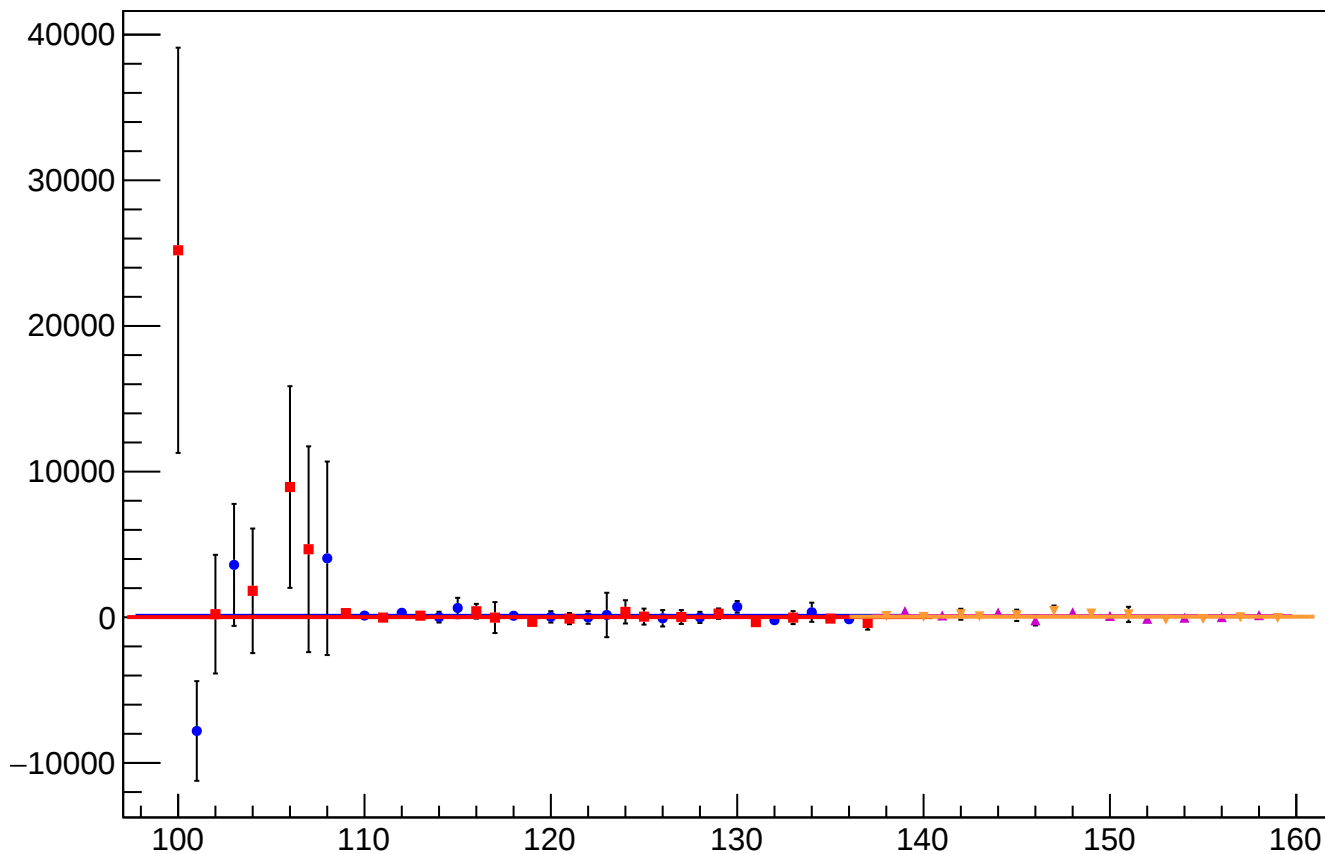
Left In: 29.866+/-0.007 χ^2/NDF : 58600.1/9

29.296+/-0.006 χ^2/NDF : 3100293.8/28

29.176+/-0.004 χ^2/NDF : 6668561.0/58

29.051+/-0.006 χ^2/NDF : 3567302.3/29

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 98.142 $\pm$ 89.203 χ^2 /NDF: 12.5/16

Left Out: 41.338 $\pm$ 81.809 χ^2 /NDF: 3.5/11

Right Out: 11.533 $\pm$ 81.530 χ^2 /NDF: 12.3/19

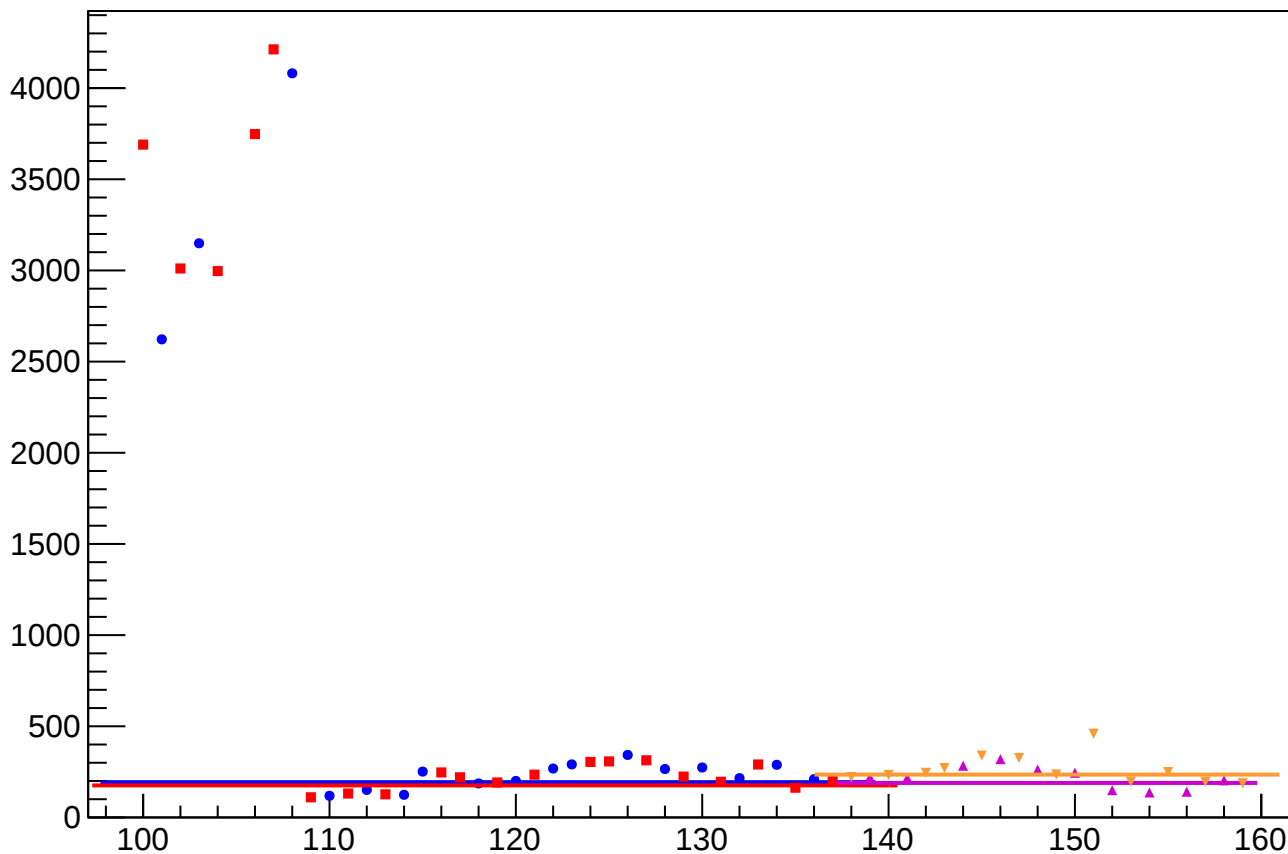
Left In: 78.313 $\pm$ 71.290 χ^2 /NDF: 5.3/9

67.288 $\pm$ 60.292 χ^2 /NDF: 16.2/28

57.295 $\pm$ 40.087 χ^2 /NDF: 34.2/58

49.378 $\pm$ 53.667 χ^2 /NDF: 17.9/29

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 193.516 ± 0.063 χ^2/NDF : 3536947.8/16

Left Out: 235.037 ± 0.058 χ^2/NDF : 881309.4/11

Right Out: 175.774 ± 0.058 χ^2/NDF : 4169115.6/19

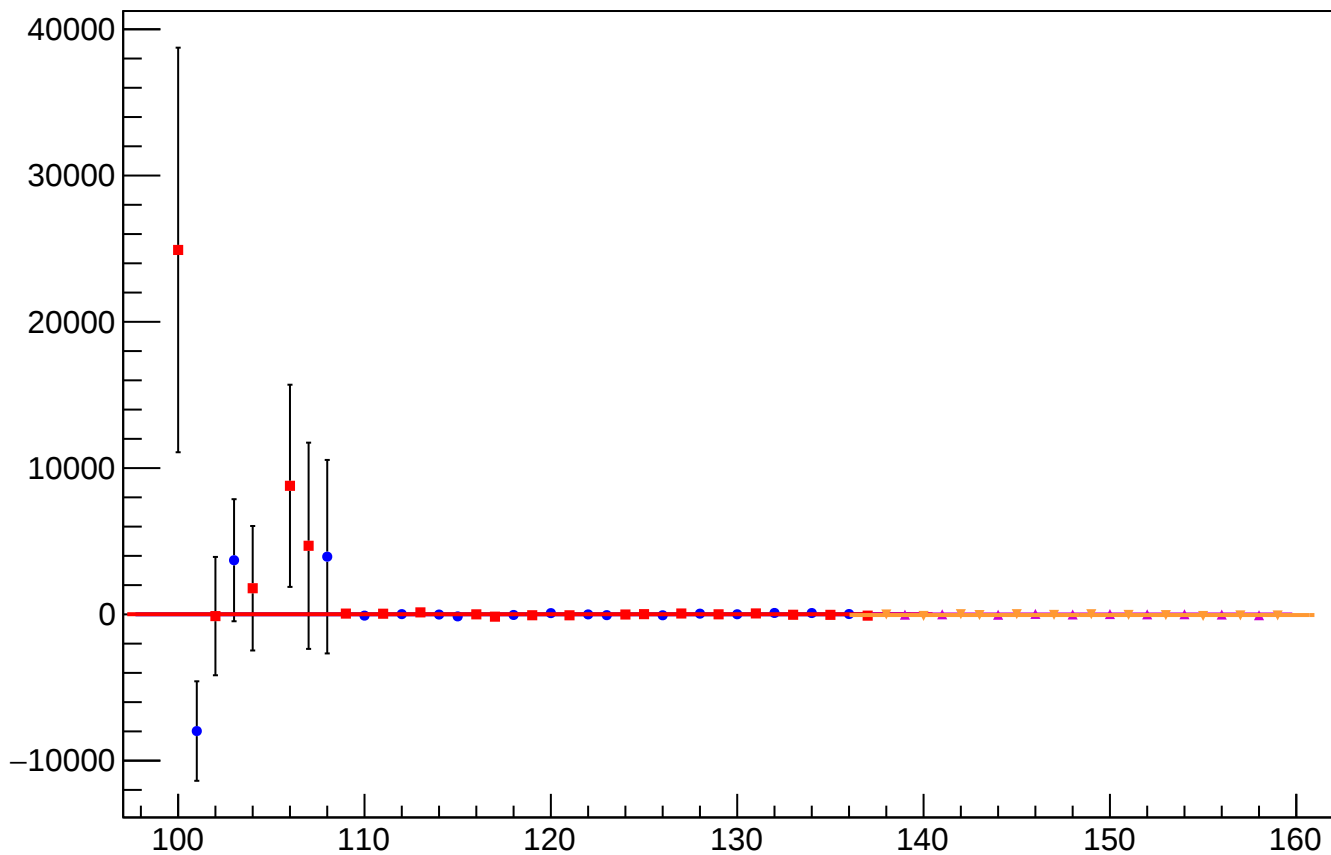
Left In: 189.316 ± 0.050 χ^2/NDF : 1201194.1/9

216.069 ± 0.043 χ^2/NDF : 4653612.1/28

197.868 ± 0.028 χ^2/NDF : 10381832.5/58

183.448 ± 0.038 χ^2/NDF : 5401579.2/29

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 5.565+/-15.052 χ^2/NDF : 20.4/16

Left Out: -45.805+/-11.828 χ^2/NDF : 11.7/11

Right Out: 10.775+/-14.891 χ^2/NDF : 23.0/19

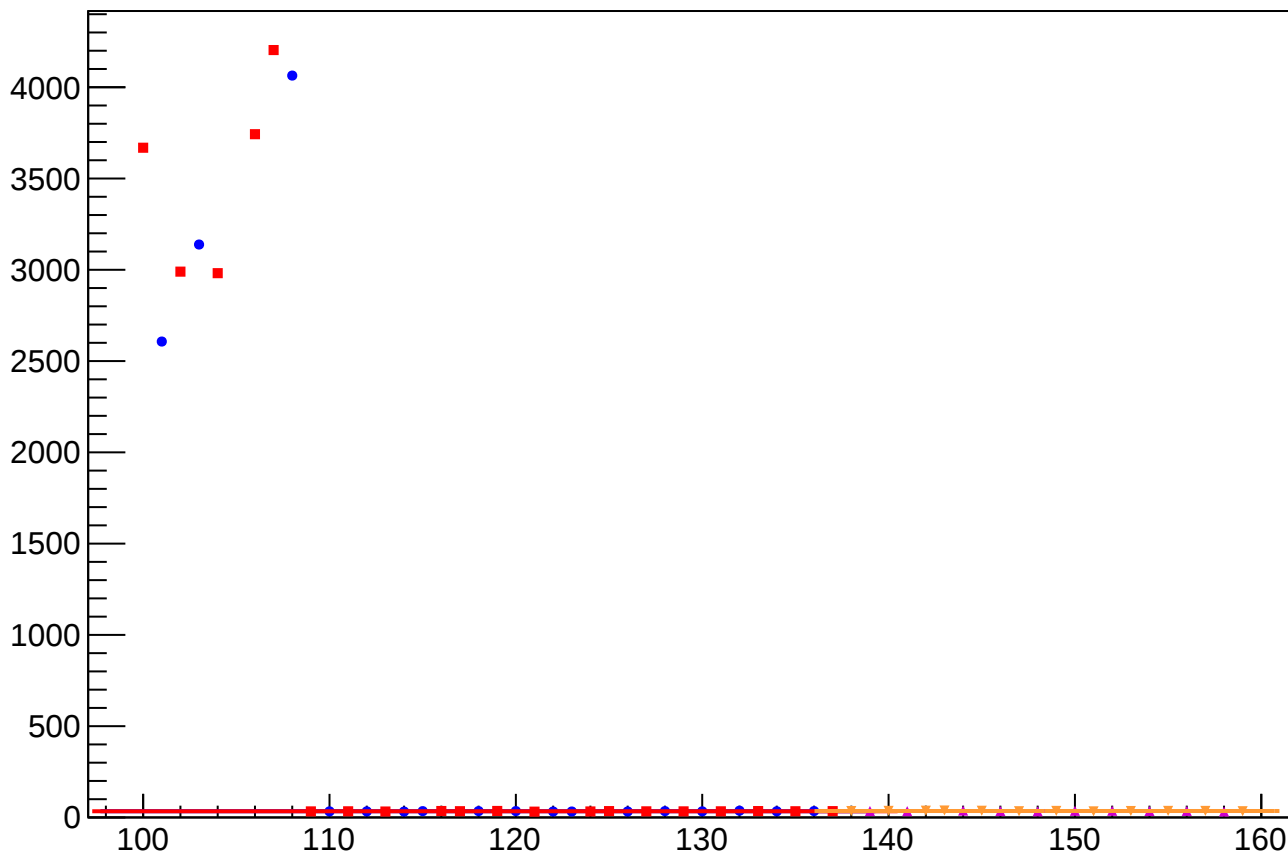
Left In: -4.341+/-12.361 χ^2/NDF : 4.2/9

-26.194+/-9.300 χ^2/NDF : 39.3/28

-12.499+/-6.650 χ^2/NDF : 71.5/58

1.826+/-9.511 χ^2/NDF : 27.8/29

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 34.168 $\pm$ 0.011 χ^2 /NDF: 3006512.8/16

Left Out: 35.404 $\pm$ 0.008 χ^2 /NDF: 22047.8/11

Right Out: 33.916 $\pm$ 0.011 χ^2 /NDF: 3451921.6/19

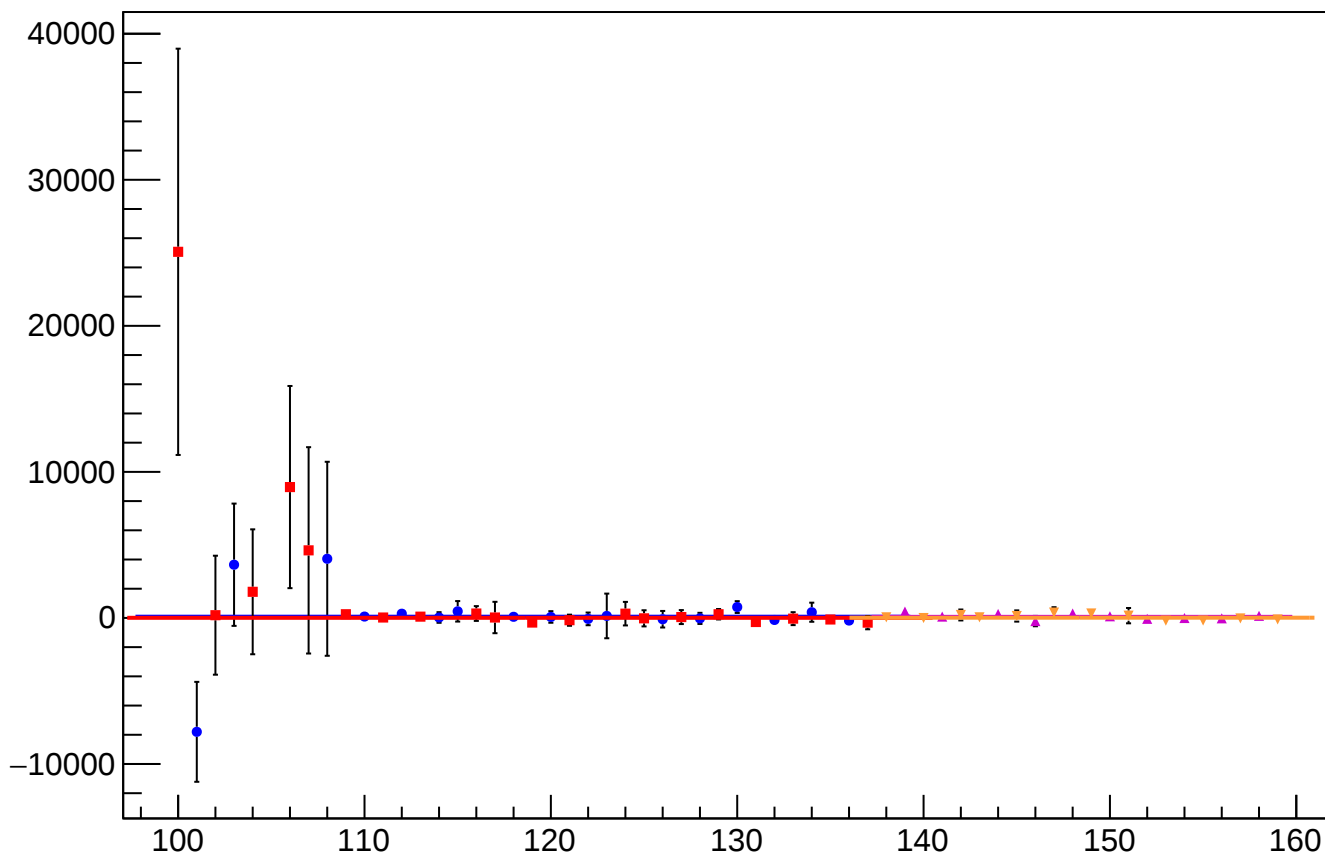
Left In: 35.324 $\pm$ 0.009 χ^2 /NDF: 24670.7/9

34.932 $\pm$ 0.007 χ^2 /NDF: 3036909.3/28

34.843 $\pm$ 0.005 χ^2 /NDF: 6524471.1/58

34.749 $\pm$ 0.007 χ^2 /NDF: 3487183.9/29

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 84.504+/-88.746 χ^2/NDF : 12.5/16

Left Out: 16.306+/-81.530 χ^2/NDF : 4.2/11

Right Out: 8.682+/-81.026 χ^2/NDF : 11.1/19

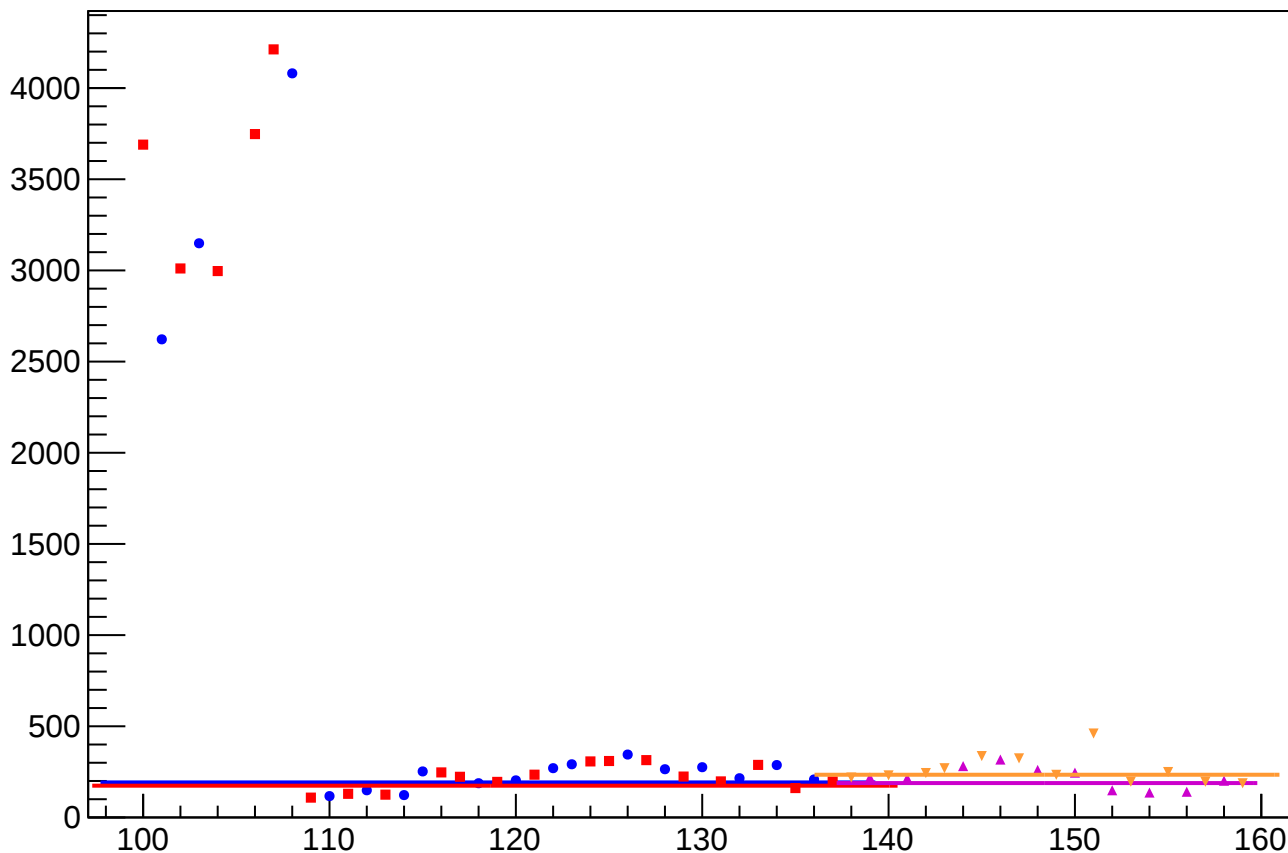
Left In: 73.742+/-71.001 χ^2/NDF : 4.8/9

47.520+/-60.040 χ^2/NDF : 17.0/28

46.383+/-39.901 χ^2/NDF : 33.2/58

45.483+/-53.400 χ^2/NDF : 16.2/29

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 192.177 ± 0.063 χ^2/NDF : 3574617.3/16

Left Out: 234.254 ± 0.058 χ^2/NDF : 875021.2/11

Right Out: 174.240 ± 0.057 χ^2/NDF : 4215763.8/19

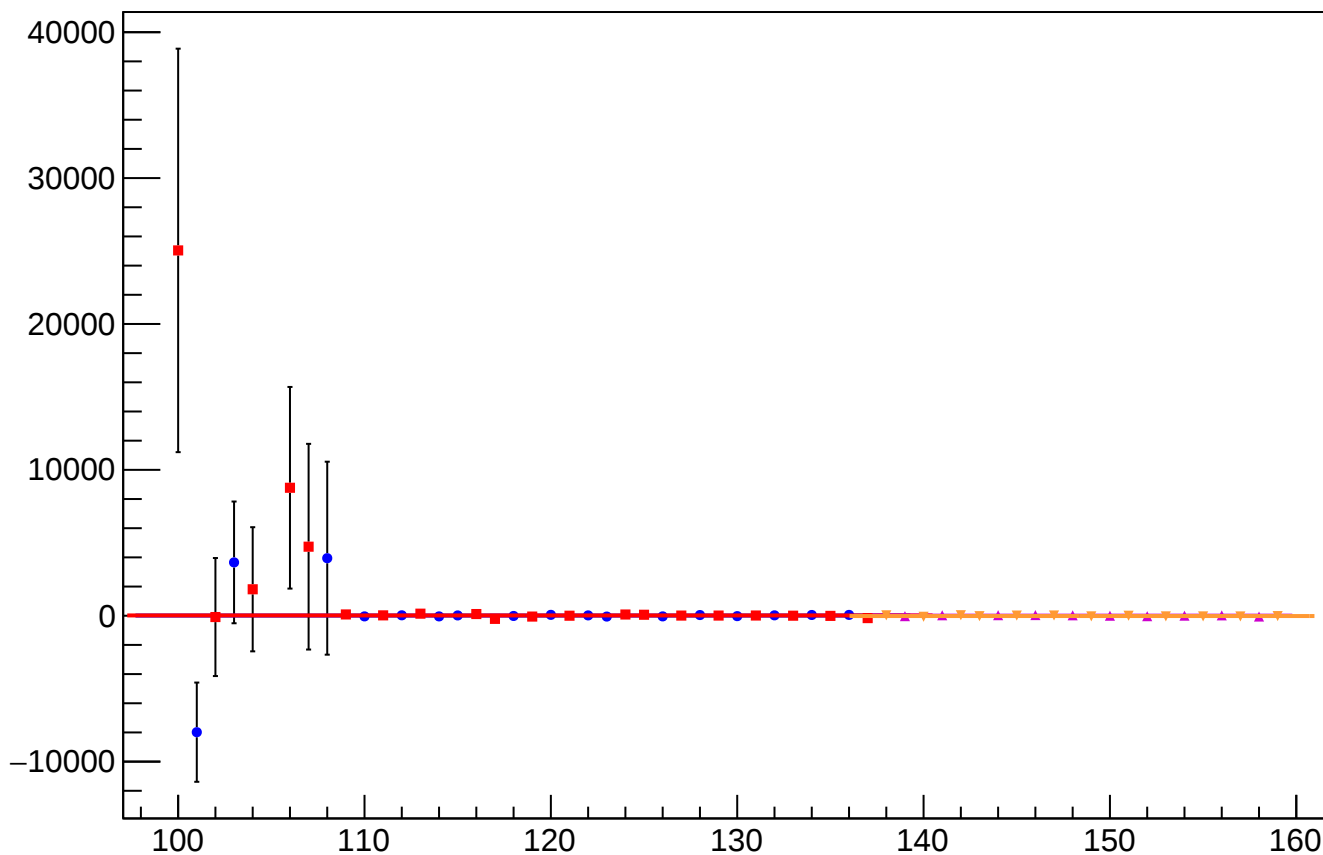
Left In: 188.568 ± 0.050 χ^2/NDF : 1189033.2/9

214.996 ± 0.042 χ^2/NDF : 4693460.1/28

196.766 ± 0.028 χ^2/NDF : 10463883.0/58

182.345 ± 0.038 χ^2/NDF : 5440176.8/29

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 12.751+/-13.723 χ^2/NDF : 14.6/16

Left Out: -21.204+/-10.761 χ^2/NDF : 8.8/11

Right Out: 20.740+/-13.606 χ^2/NDF : 30.4/19

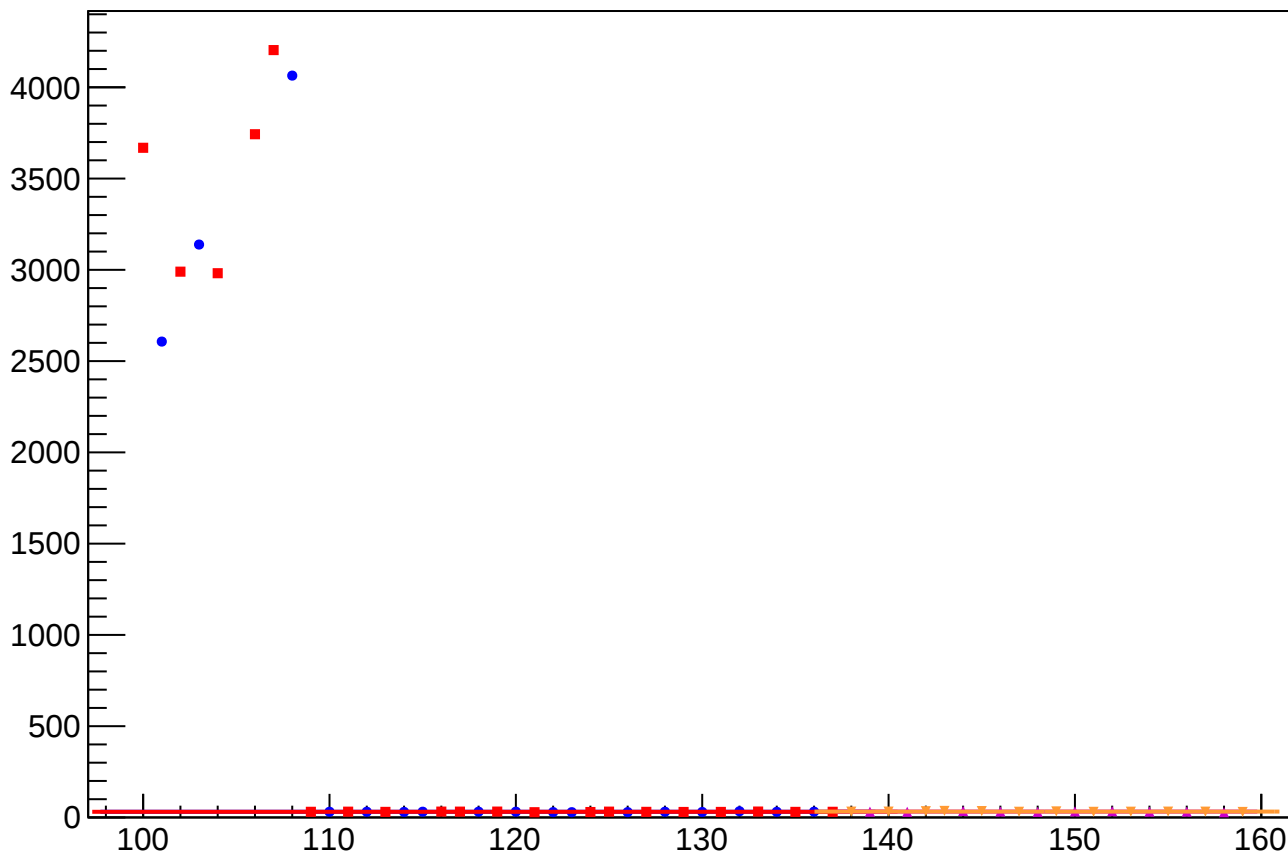
Left In: 5.472+/-11.220 χ^2/NDF : 8.7/9

-8.276+/-8.468 χ^2/NDF : 27.3/28

1.469+/-6.053 χ^2/NDF : 69.8/58

11.652+/-8.656 χ^2/NDF : 39.8/29

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 31.153+/-0.010 χ^2/NDF : 3014515.0/16

Left Out: 32.174+/-0.008 χ^2/NDF : 40766.6/11

Right Out: 30.970+/-0.010 χ^2/NDF : 3458998.2/19

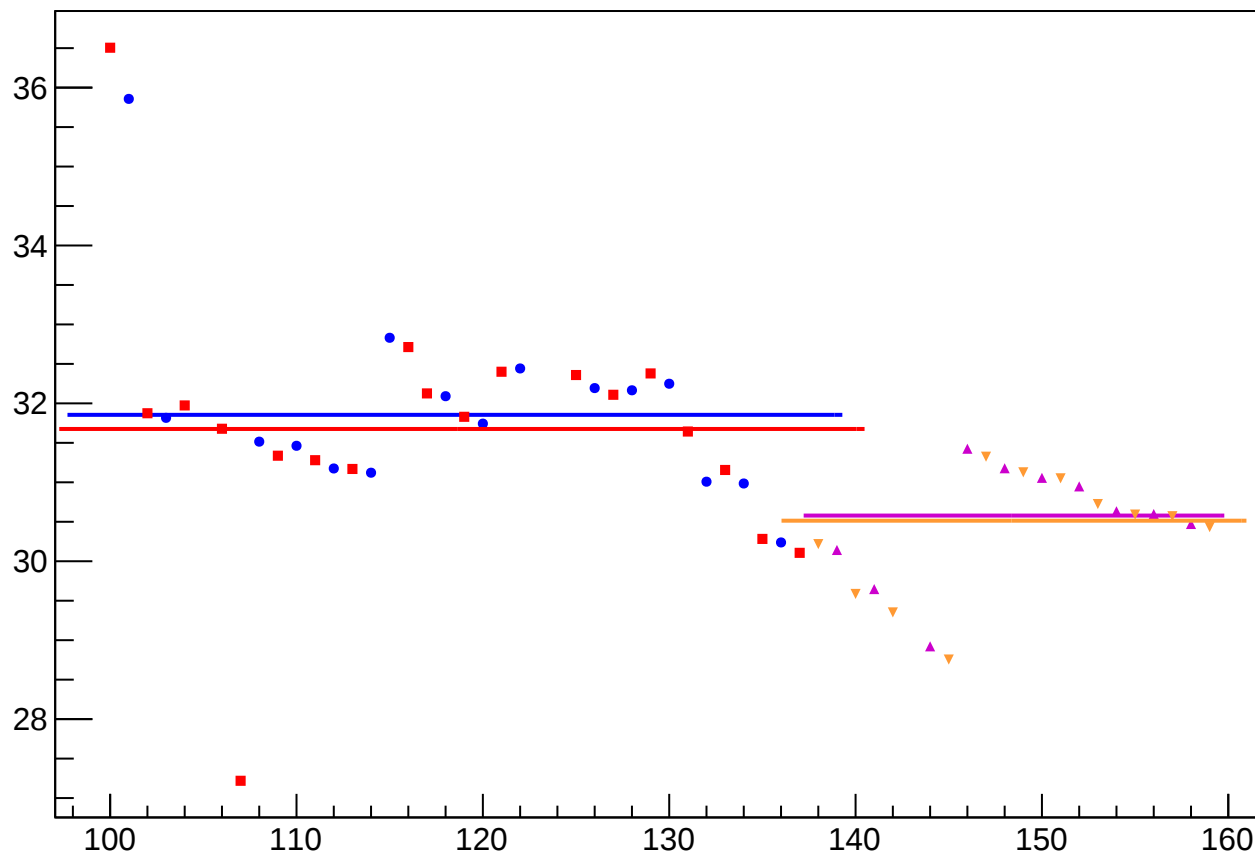
Left In: 31.995+/-0.008 χ^2/NDF : 53052.6/9

31.785+/-0.006 χ^2/NDF : 3062138.0/28

31.685+/-0.004 χ^2/NDF : 6581525.0/58

31.580+/-0.006 χ^2/NDF : 3518814.2/29

yield_usl_mean vs Slug, Sign Corrected



Right In: 31.855+/-0.000 χ^2/NDF : 1570522165.5/15

Left Out: 30.514+/-0.000 χ^2/NDF : 587636175.6/10

Right Out: 31.676+/-0.000 χ^2/NDF : 919678295.7/18

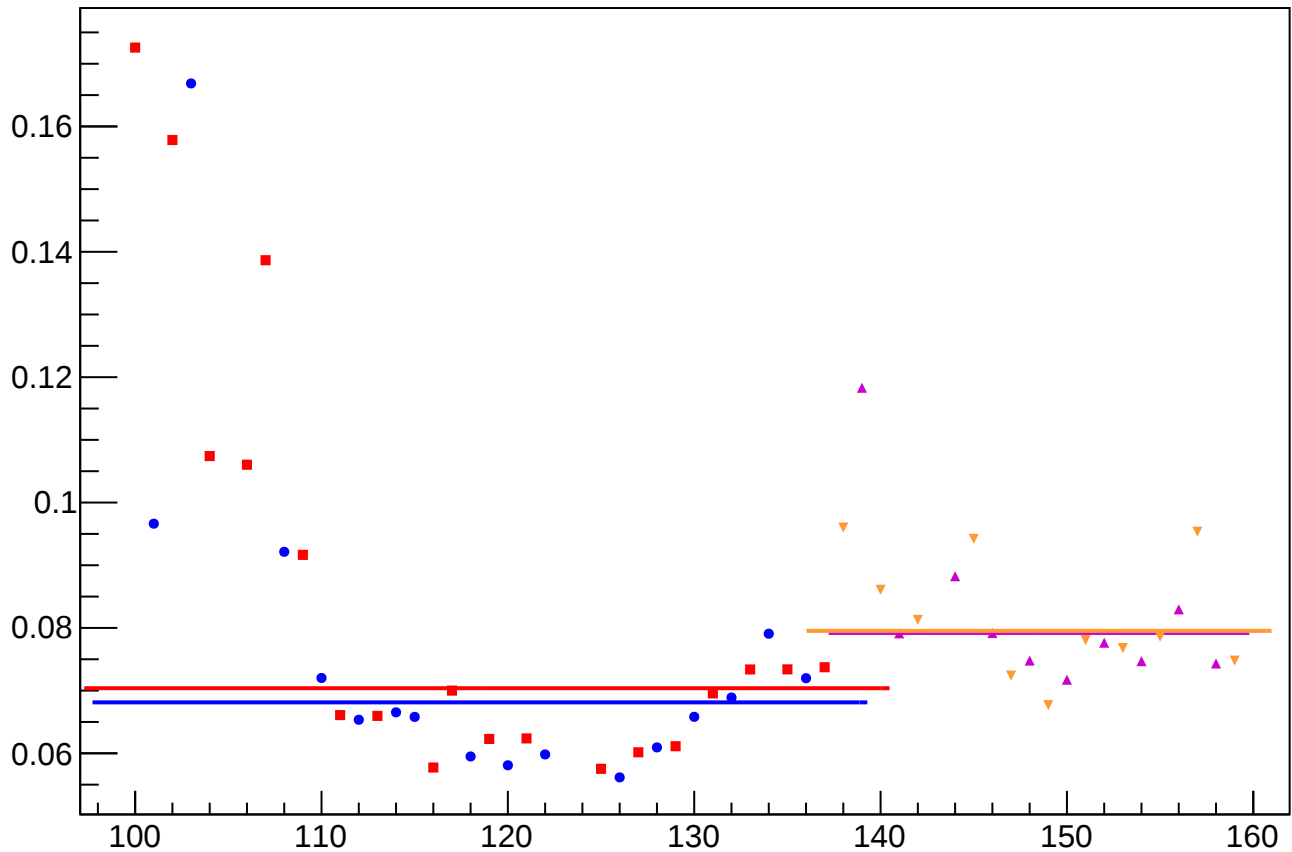
Left In: 30.579+/-0.000 χ^2/NDF : 562730374.1/9

31.206+/-0.000 χ^2/NDF : 3239532284.5/26

31.171+/-0.000 χ^2/NDF : 5440139597.8/5

31.136+/-0.000 χ^2/NDF : 2194693286.1/28

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.000 χ^2 /NDF: 629767.4/15

Left Out: 0.080 $\pm$ 0.000 χ^2 /NDF: 185128.9/10

Right Out: 0.070 $\pm$ 0.000 χ^2 /NDF: 841322.7/18

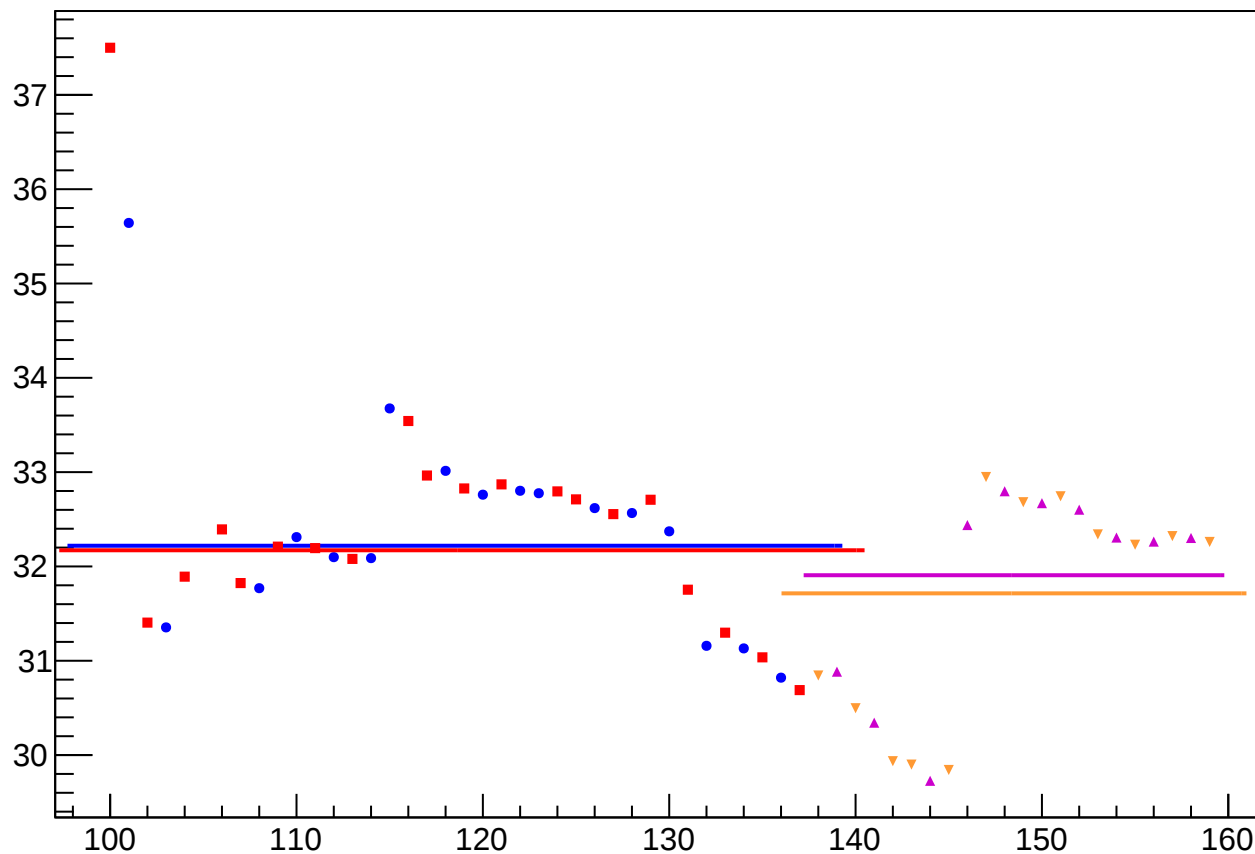
Left In: 0.079 $\pm$ 0.000 χ^2 /NDF: 206211.9/9

0.074 $\pm$ 0.000 χ^2 /NDF: 971398.5/26

0.074 $\pm$ 0.000 χ^2 /NDF: 2113818.8/55

0.075 $\pm$ 0.000 χ^2 /NDF: 1139619.0/28

yield_usr_mean vs Slug, Sign Corrected



Right In: 32.220 $\pm$ 0.000 χ^2 /NDF: 1013864543.3/16

Left Out: 31.715 $\pm$ 0.000 χ^2 /NDF:1739966097.0/11

Right Out: 32.171 $\pm$ 0.000 χ^2 /NDF: 444137990.6/19

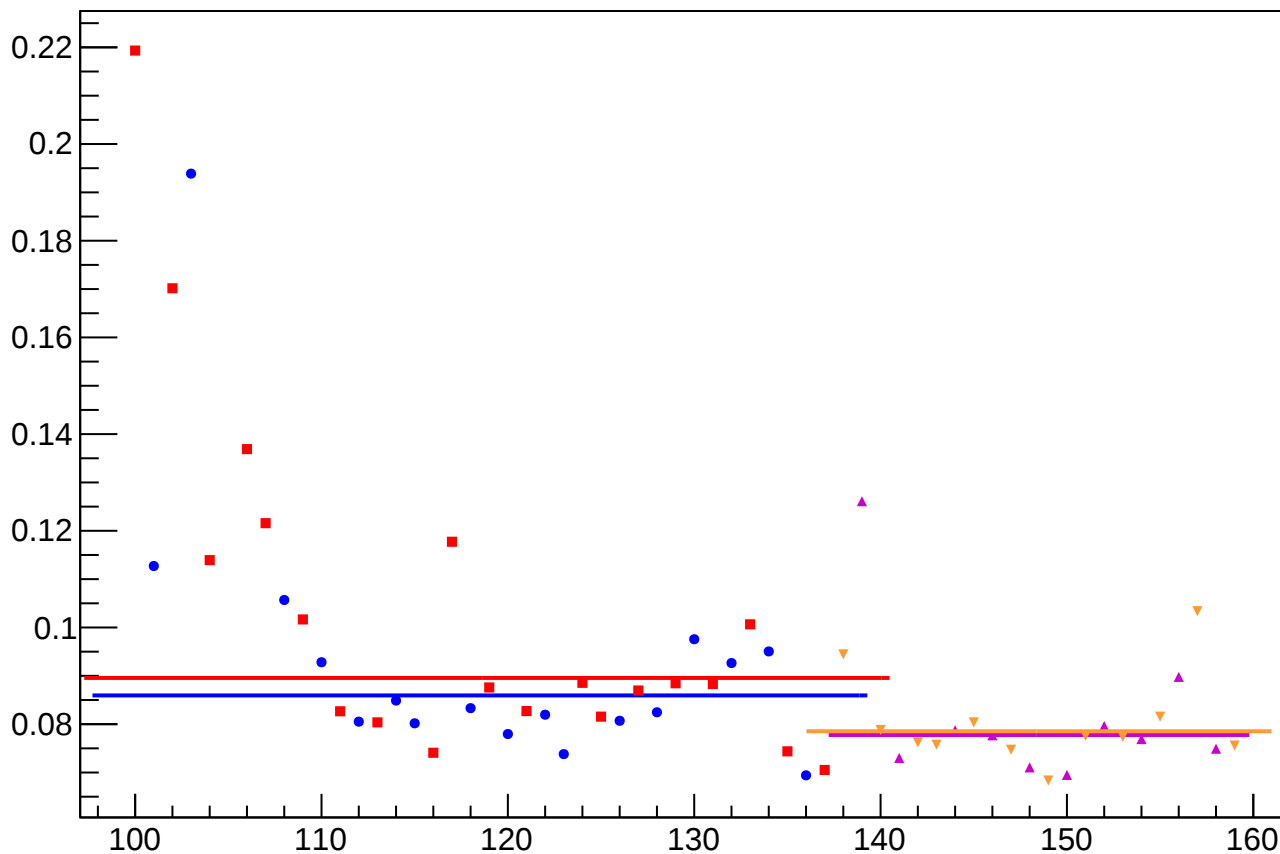
Left In: 31.907 $\pm$ 0.000 χ^2 /NDF:1359989384.2/9

31.905 $\pm$ 0.000 χ^2 /NDF: 2878485168.0/28

31.956 $\pm$ 0.000 χ^2 /NDF: 4726814187.2/5

32.009 $\pm$ 0.000 χ^2 /NDF: 1837257458.7/29

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.086 $\pm$ 0.000 χ^2/NDF : 553280.3/16

Left Out: 0.079 $\pm$ 0.000 χ^2/NDF : 157563.4/11

Right Out: 0.090 $\pm$ 0.000 χ^2/NDF : 544516.7/19

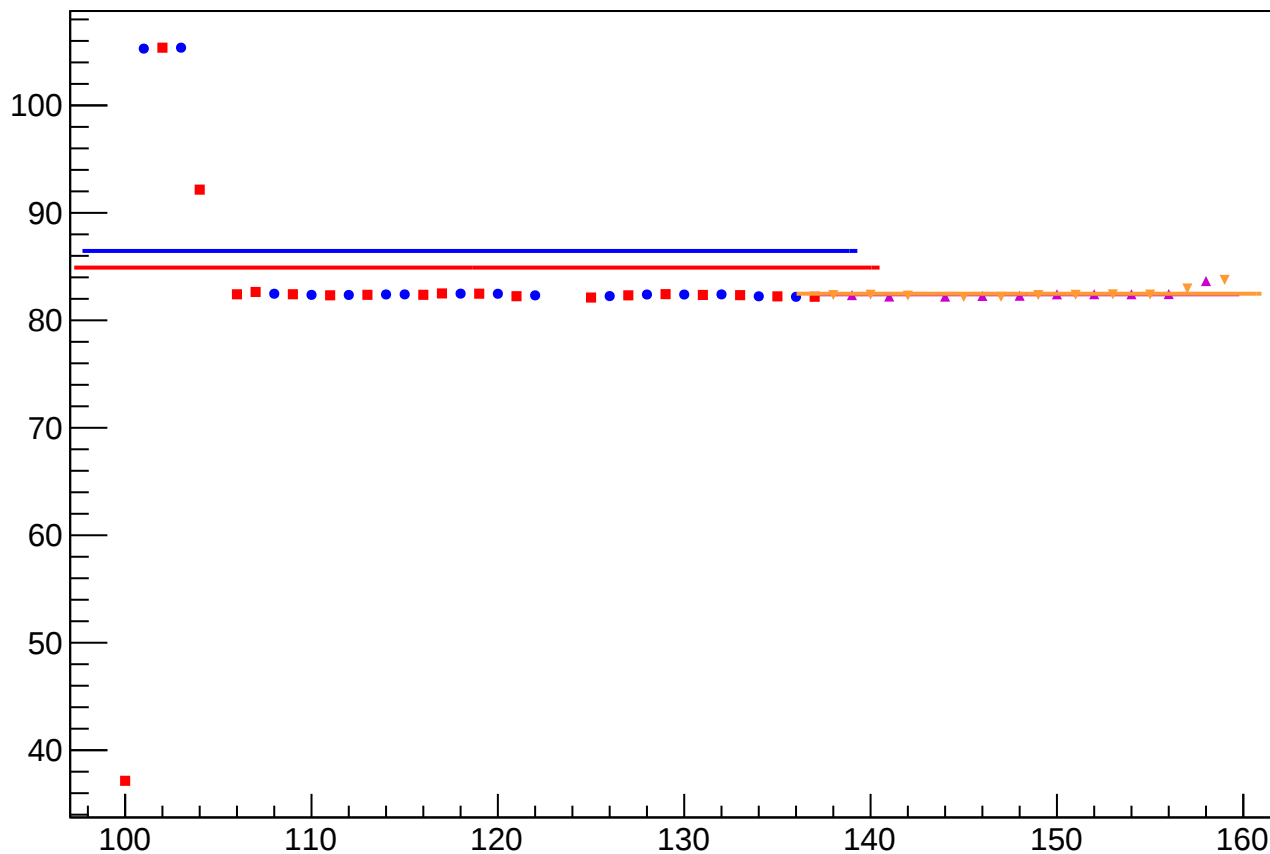
Left In: 0.078 $\pm$ 0.000 χ^2/NDF : 277956.3/9

0.081 $\pm$ 0.000 χ^2/NDF : 764585.0/28

0.082 $\pm$ 0.000 χ^2/NDF : 1721034.0/58

0.082 $\pm$ 0.000 χ^2/NDF : 954459.1/29

yield_dsl_mean vs Slug, Sign Corrected



Right In: 86.457 $\pm$ 0.000 χ^2/NDF : 291421048436.2/15

Left Out: 82.477 $\pm$ 0.000 χ^2/NDF : 657415263.5/10

Right Out: 84.908 $\pm$ 0.000 χ^2/NDF : 172306803858.3/18

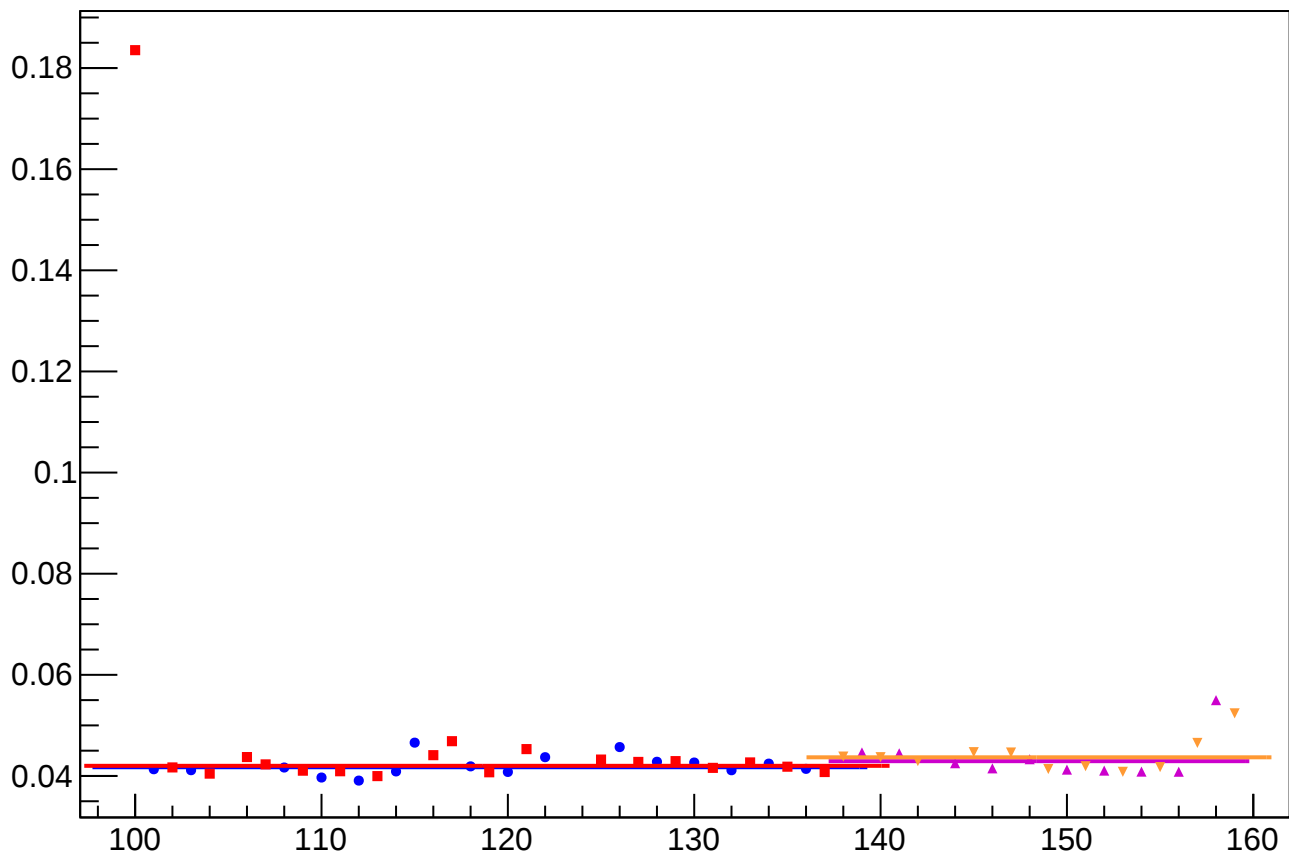
Left In: 82.422 $\pm$ 0.000 χ^2/NDF : 457523849.4/9

84.346 $\pm$ 0.000 χ^2/NDF : 323730061620.3/26

83.967 $\pm$ 0.000 χ^2/NDF : 511521775270.4

83.600 $\pm$ 0.000 χ^2/NDF : 185520998721.6/28

yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.042+/-0.000 χ^2/NDF : 18887.0/15

Left Out: 0.044+/-0.000 χ^2/NDF : 69571.6/10

Right Out: 0.042+/-0.000 χ^2/NDF : 97785.5/18

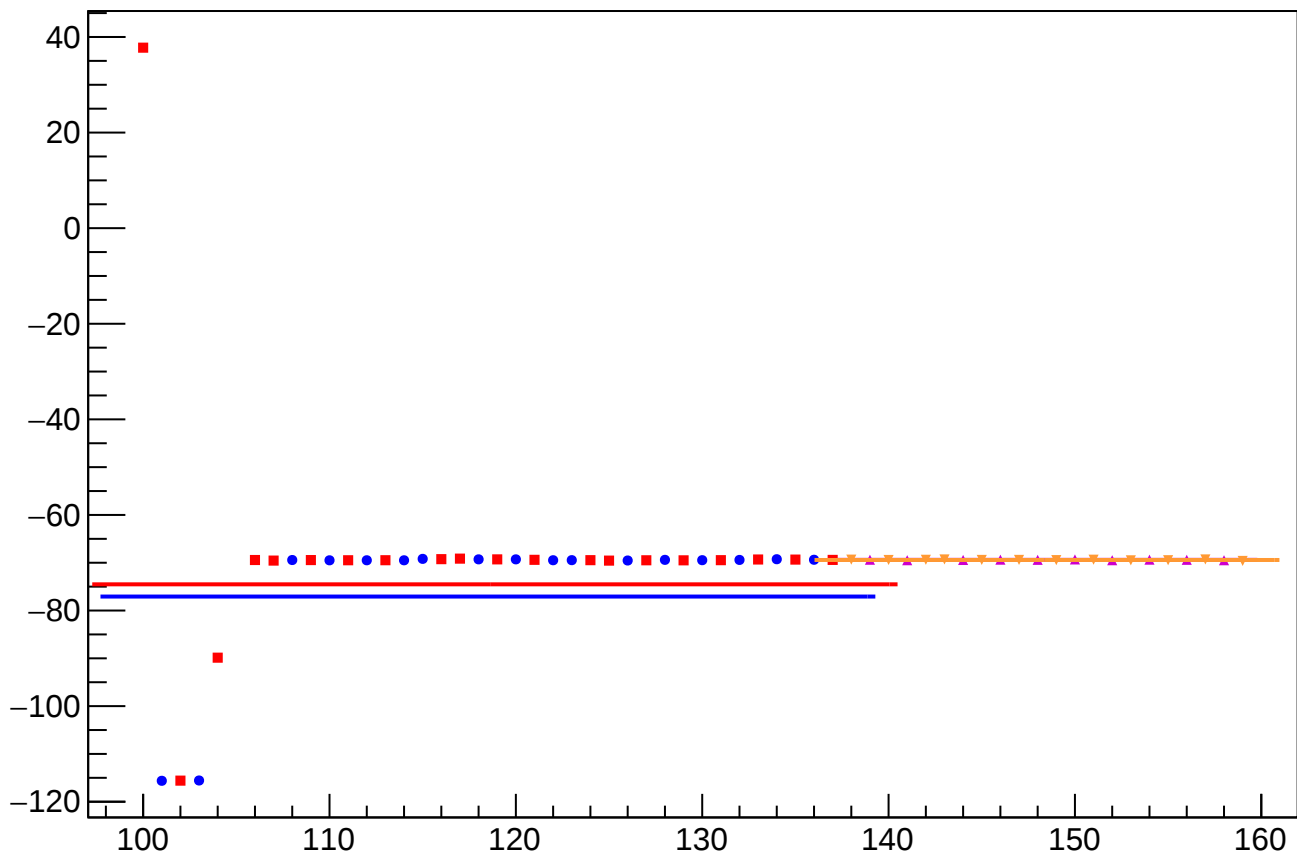
Left In: 0.043+/-0.000 χ^2/NDF : 97044.4/9

0.043+/-0.000 χ^2/NDF : 103828.7/26

0.043+/-0.000 χ^2/NDF : 302792.7/55

0.042+/-0.000 χ^2/NDF : 198331.9/28

yield_dsr_mean vs Slug, Sign Corrected



Right In: -77.074+/-0.000 χ^2/NDF : 565391865606.1/16

Left Out: -69.424+/-0.000 χ^2/NDF : 20231578.0/11

Right Out: -74.518+/-0.000 χ^2/NDF : 372210051226.2/19

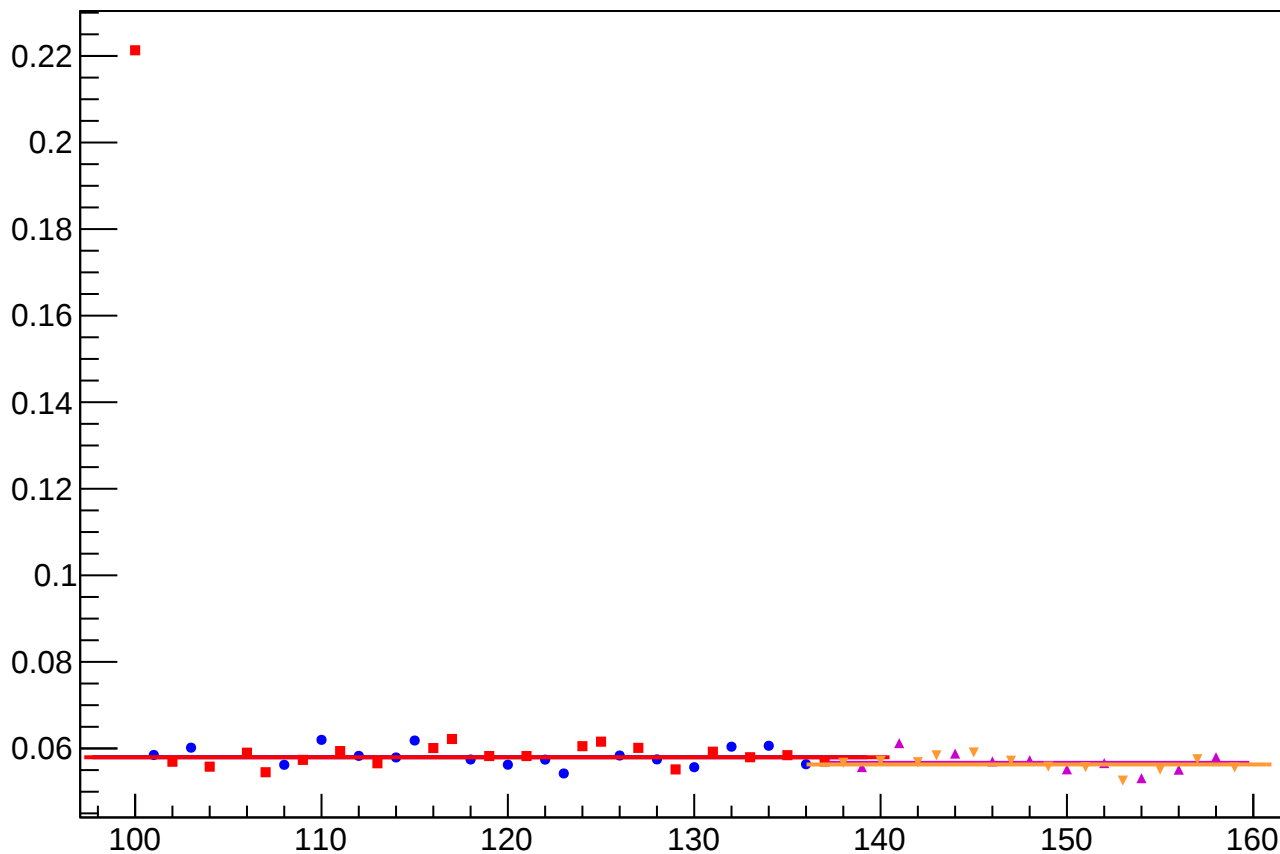
Left In: -69.397+/-0.000 χ^2/NDF : 7543497.9/9

-72.577+/-0.000 χ^2/NDF : 631301547676.8/28

-72.158+/-0.000 χ^2/NDF : 103453118807.0/28

-71.726+/-0.000 χ^2/NDF : 401573777512.0/29

yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.058+/-0.000 χ^2/NDF : 12275.6/16

Left Out: 0.056+/-0.000 χ^2/NDF : 15431.2/11

Right Out: 0.058+/-0.000 χ^2/NDF : 86860.7/19

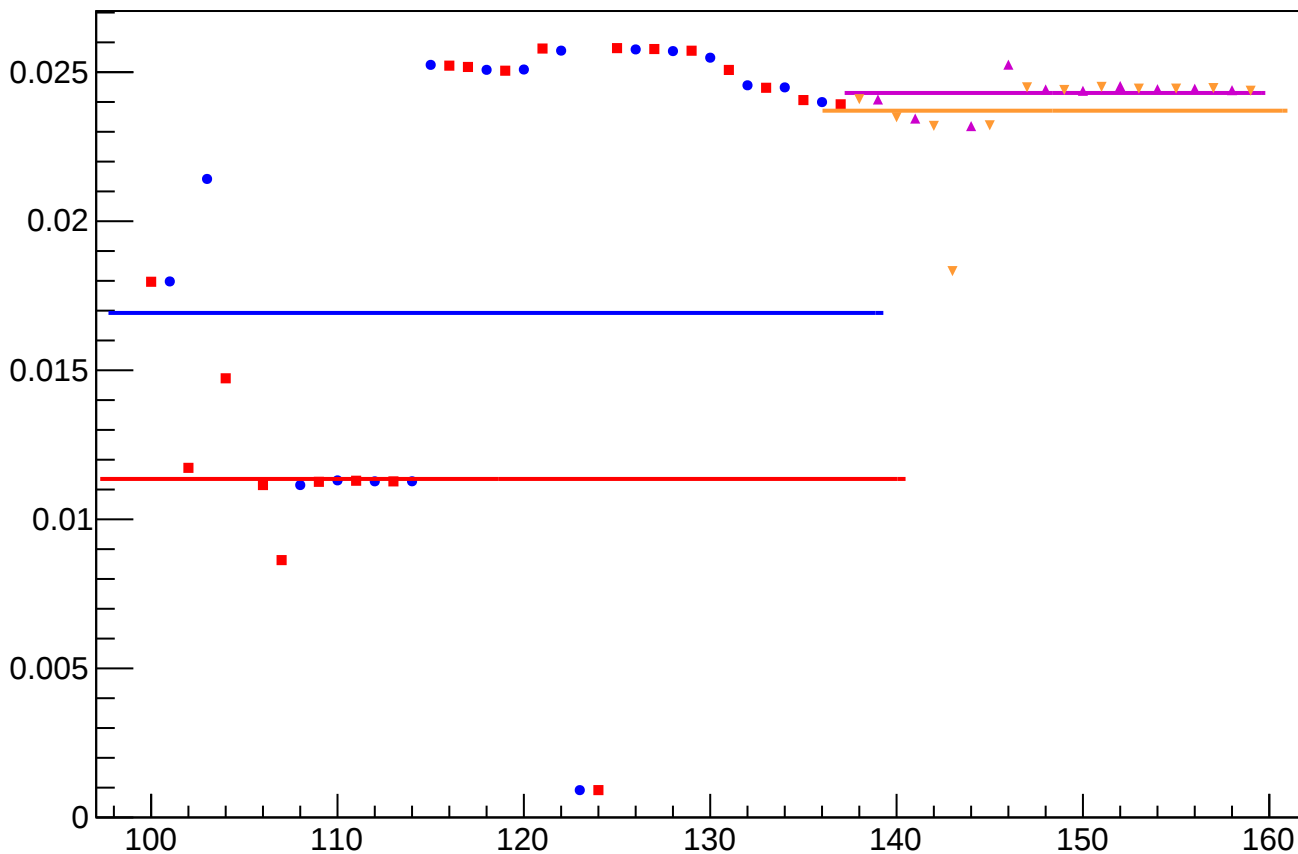
Left In: 0.057+/-0.000 χ^2/NDF : 22401.6/9

0.057+/-0.000 χ^2/NDF : 33986.3/28

0.057+/-0.000 χ^2/NDF : 147334.3/58

0.057+/-0.000 χ^2/NDF : 113018.5/29

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.000 χ^2 /NDF: 126447785006.7/16

Left Out: 0.024 $\pm$ 0.000 χ^2 /NDF: 4931190462.7/11

0.020 $\pm$ 0.000 χ^2 /NDF: 170058192793.0/28

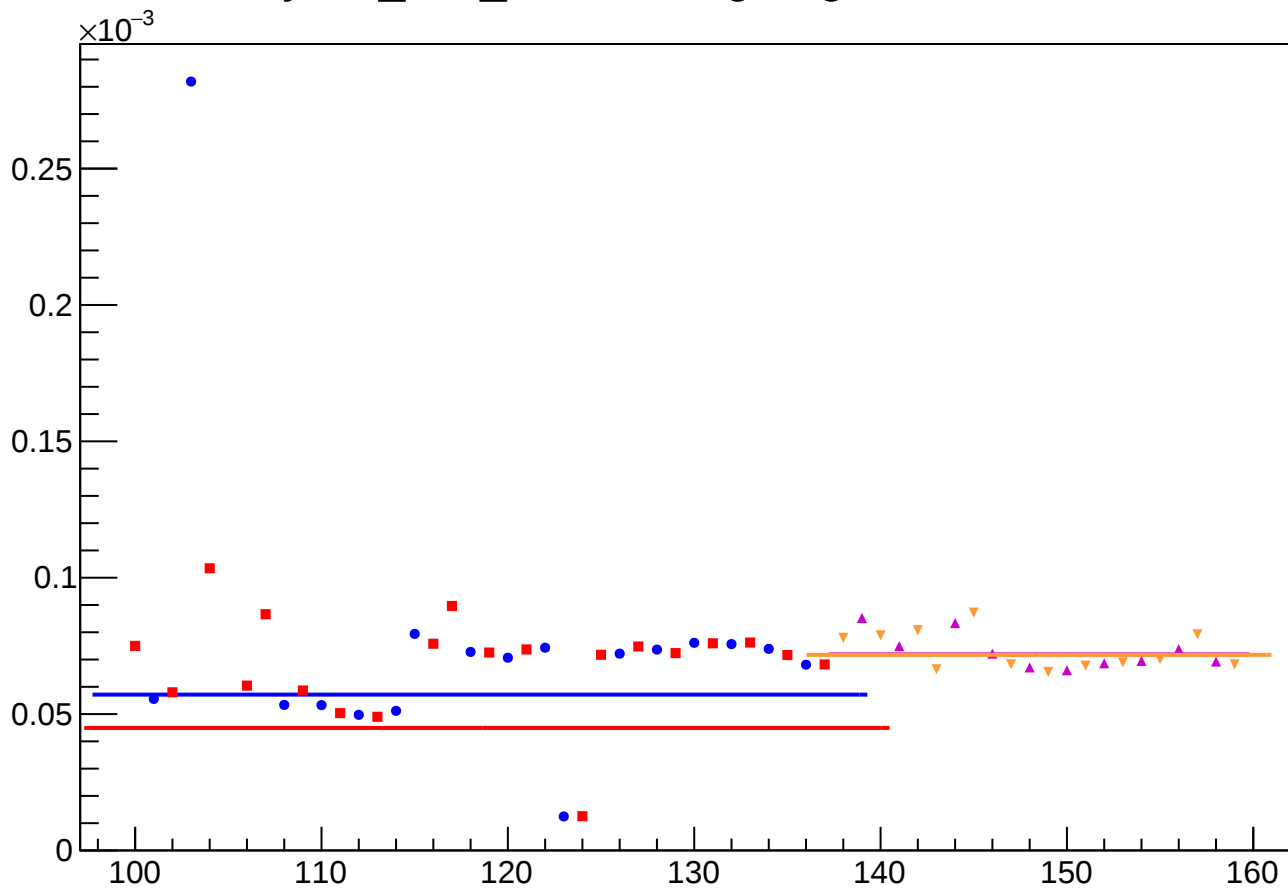
Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 235754579473.9/19

0.018 $\pm$ 0.000 χ^2 /NDF: 591340130440.4/19

0.016 $\pm$ 0.000 χ^2 /NDF: 393622957208.1/29

Left In: 0.024 $\pm$ 0.000 χ^2 /NDF: 415694291.8/9

yield_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2000446.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 130461.2/11

Right Out: 0.000+/-0.000 χ^2/NDF : 3613155.3/19

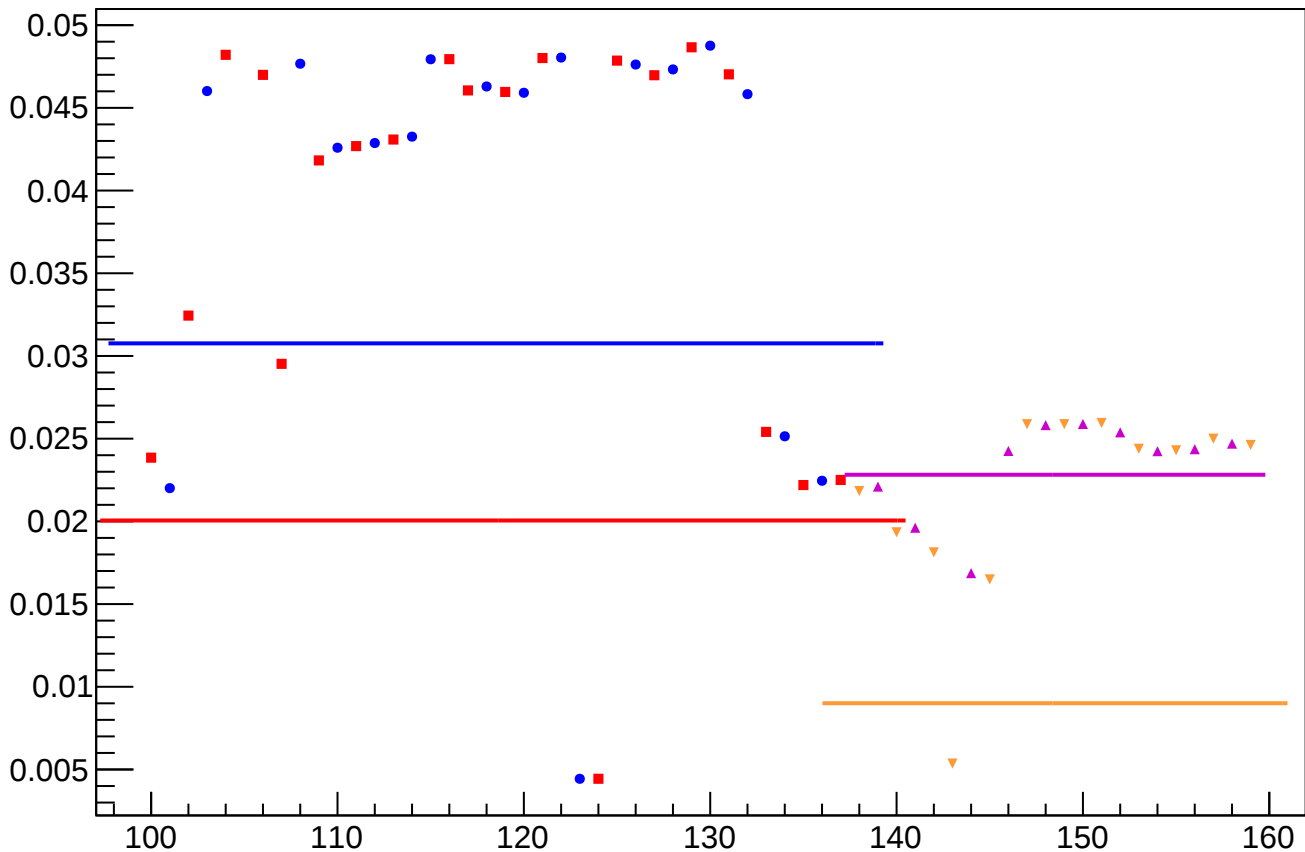
Left In: 0.000+/-0.000 χ^2/NDF : 99362.9/9

0.000+/-0.000 χ^2/NDF : 2488128.0/28

0.000+/-0.000 χ^2/NDF : 7860323.8/58

0.000+/-0.000 χ^2/NDF : 5080396.3/29

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.031 $\pm$ 0.000 χ^2/NDF : 21174738549.0/16

Left Out: 0.009 $\pm$ 0.000 χ^2/NDF : 23096749798.2/11

Right Out: 0.020 $\pm$ 0.000 χ^2/NDF : 40133684916.8/19

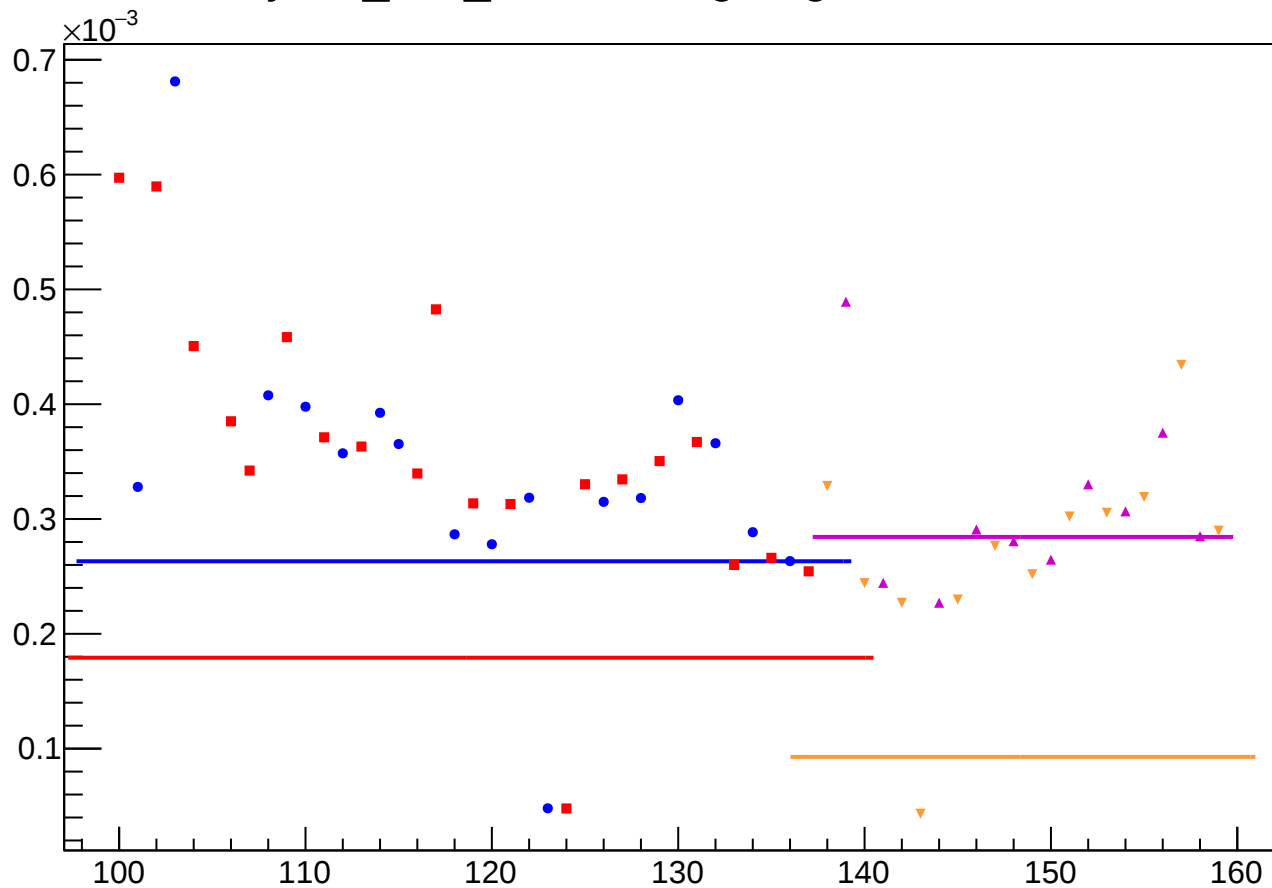
Left In: 0.023 $\pm$ 0.000 χ^2/NDF : 978054109.3/9

0.012 $\pm$ 0.000 χ^2/NDF : 73152386474.9/28

0.015 $\pm$ 0.000 χ^2/NDF : 127222224777.1/28

0.021 $\pm$ 0.000 χ^2/NDF : 41499663578.0/29

yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2401048.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 8474256.8/11

Right Out: 0.000+/-0.000 χ^2/NDF : 5374355.8/19

Left In: 0.000+/-0.000 χ^2/NDF : 512151.1/9

0.000+/-0.000 χ^2/NDF : 14417885.2/28

0.000+/-0.000 χ^2/NDF : 24881529.6/58

0.000+/-0.000 χ^2/NDF : 7009760.2/29

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.030 +/- 0.000 χ^2/NDF : 97152184939.3/16

Left Out: 0.039 +/- 0.000 χ^2/NDF : 335303796.1/11

Right Out: 0.035 +/- 0.000 χ^2/NDF : 43717644957.2/19

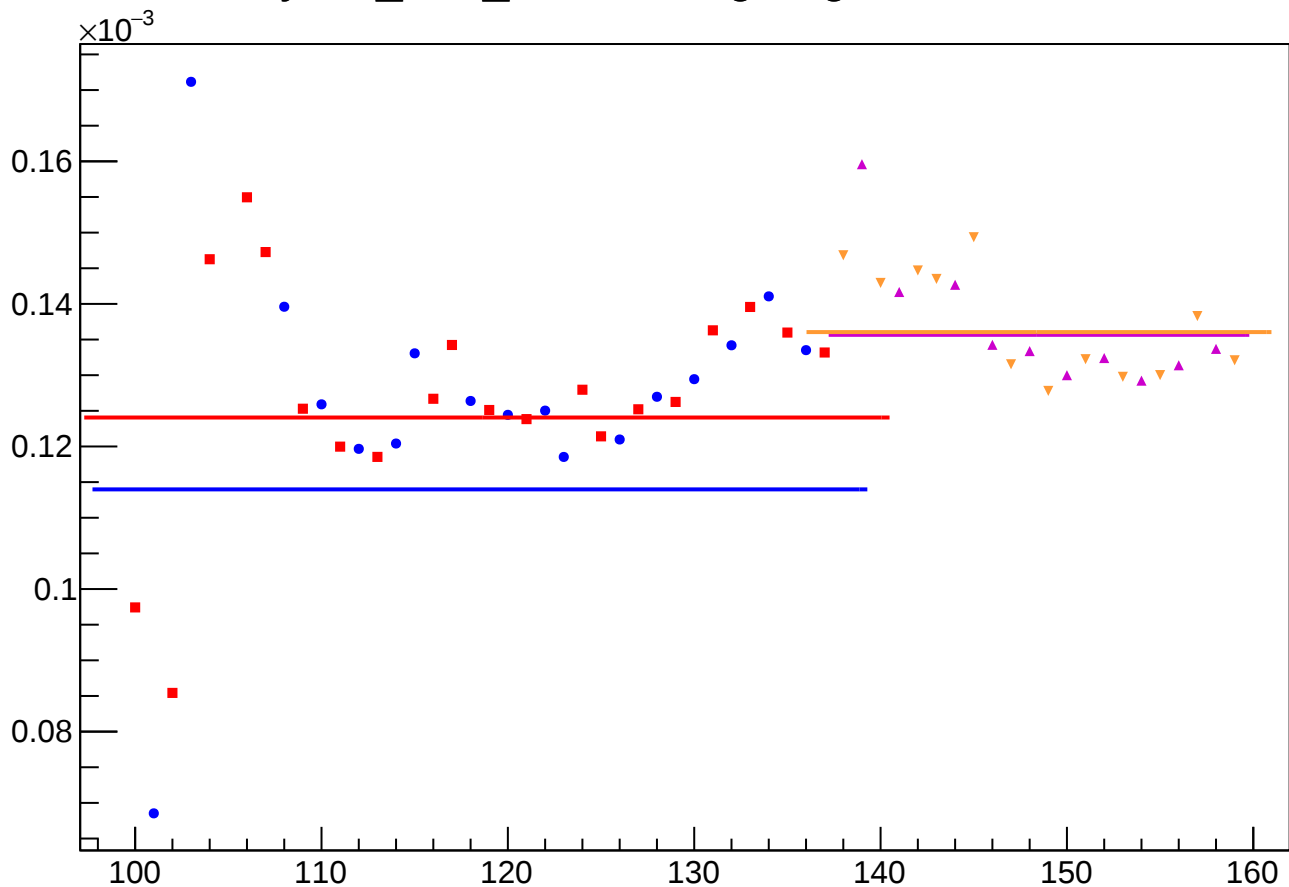
Left In: 0.039 +/- 0.000 χ^2/NDF : 269016866.2/9

0.034 +/- 0.000 χ^2/NDF : 116971269010.4/28

0.036 +/- 0.000 χ^2/NDF : 167764728082.3/29

0.037 +/- 0.000 χ^2/NDF : 48107449433.3/29

yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 794542.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 47690.6/11

Right Out: 0.000+/-0.000 χ^2/NDF : 245649.5/19

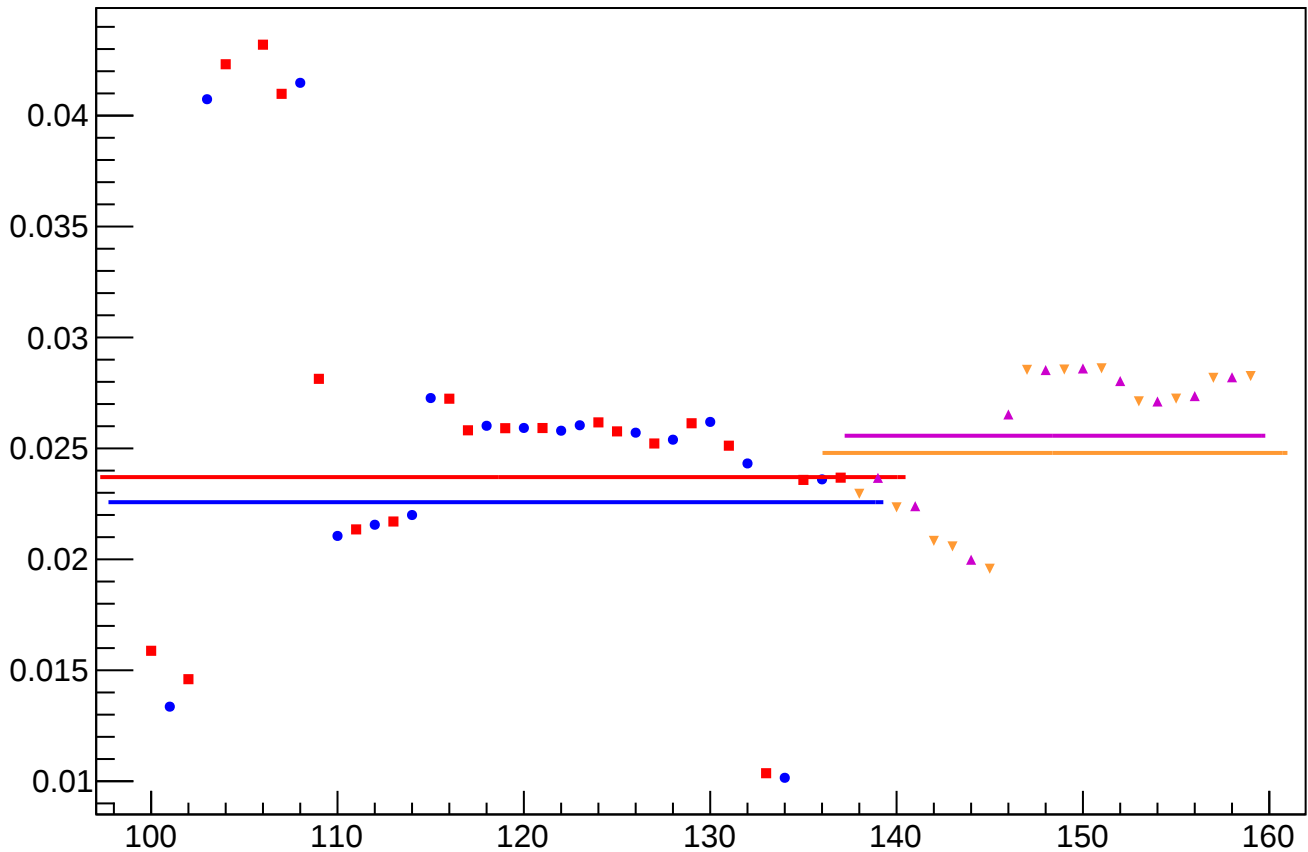
Left In: 0.000+/-0.000 χ^2/NDF : 49932.8/9

0.000+/-0.000 χ^2/NDF : 1071392.5/28

0.000+/-0.000 χ^2/NDF : 1446668.3/58

0.000+/-0.000 χ^2/NDF : 353907.3/29

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.023 $\pm$ 0.000 χ^2/NDF : 4247774712.9/16

Left Out: 0.025 $\pm$ 0.000 χ^2/NDF : 1452675216.9/11

Right Out: 0.024 $\pm$ 0.000 χ^2/NDF : 5652505580.7/19

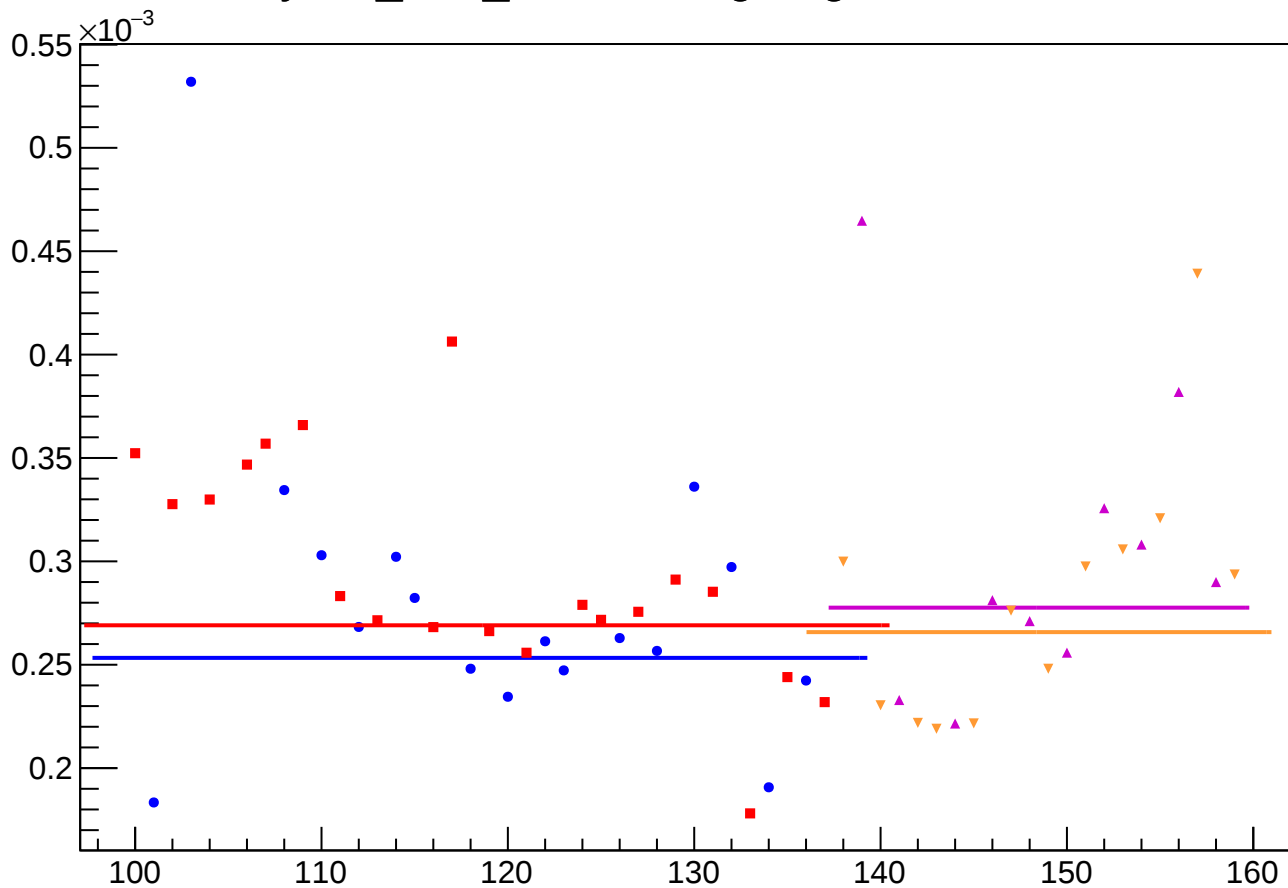
Left In: 0.026 $\pm$ 0.000 χ^2/NDF : 1001361370.4/9

0.024 $\pm$ 0.000 χ^2/NDF : 5944032540.2/28

0.024 $\pm$ 0.000 χ^2/NDF : 12828457592.9/5

0.025 $\pm$ 0.000 χ^2/NDF : 6809524213.1/29

yield_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 629159.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 478943.5/11

Right Out: 0.000+/-0.000 χ^2/NDF : 437710.5/19

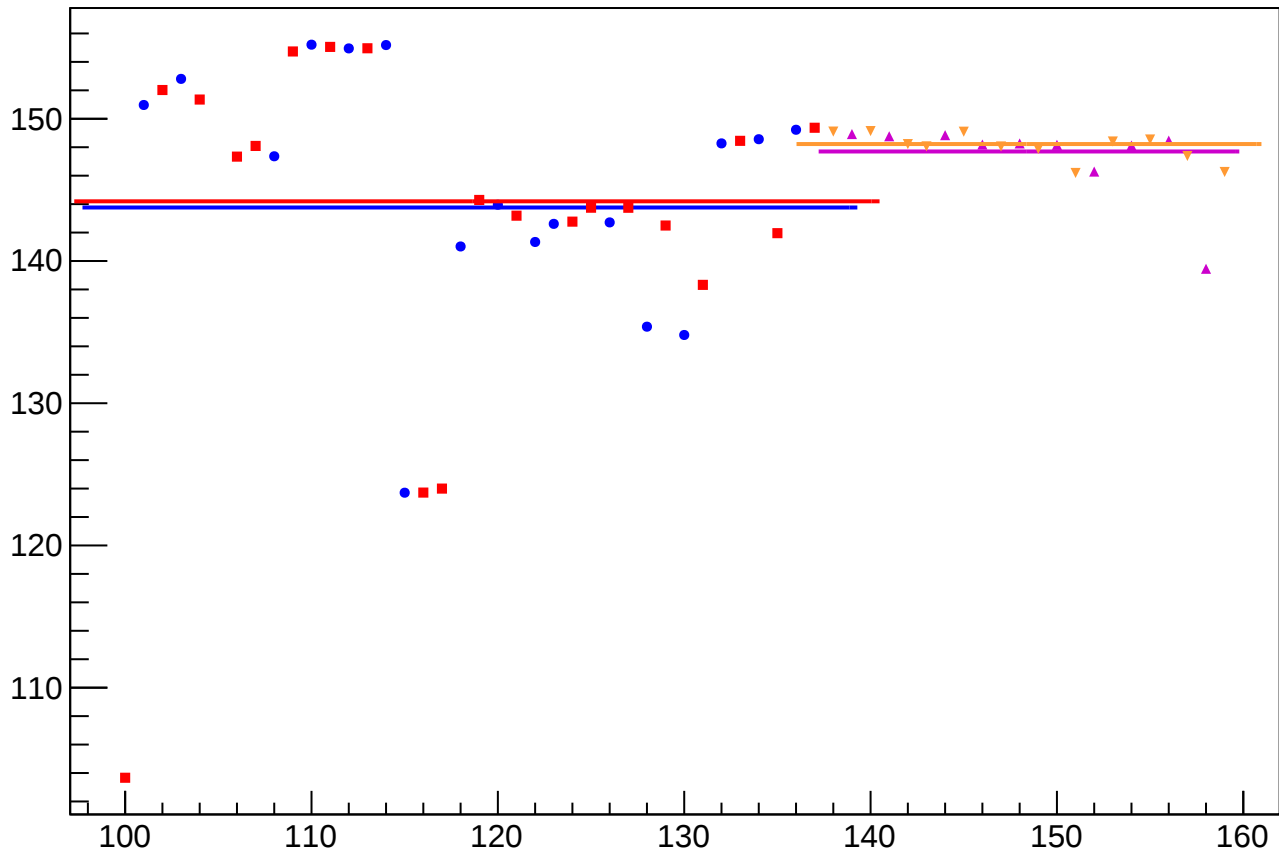
Left In: 0.000+/-0.000 χ^2/NDF : 548906.8/9

0.000+/-0.000 χ^2/NDF : 1123437.6/28

0.000+/-0.000 χ^2/NDF : 2150492.9/58

0.000+/-0.000 χ^2/NDF : 993136.1/29

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 143.763+/-0.000 χ^2/NDF : 3534699505.1/16

Left Out: 148.224+/-0.000 χ^2/NDF : 50372786.9/11

Right Out: 144.197+/-0.000 χ^2/NDF : 4523139755.0/19

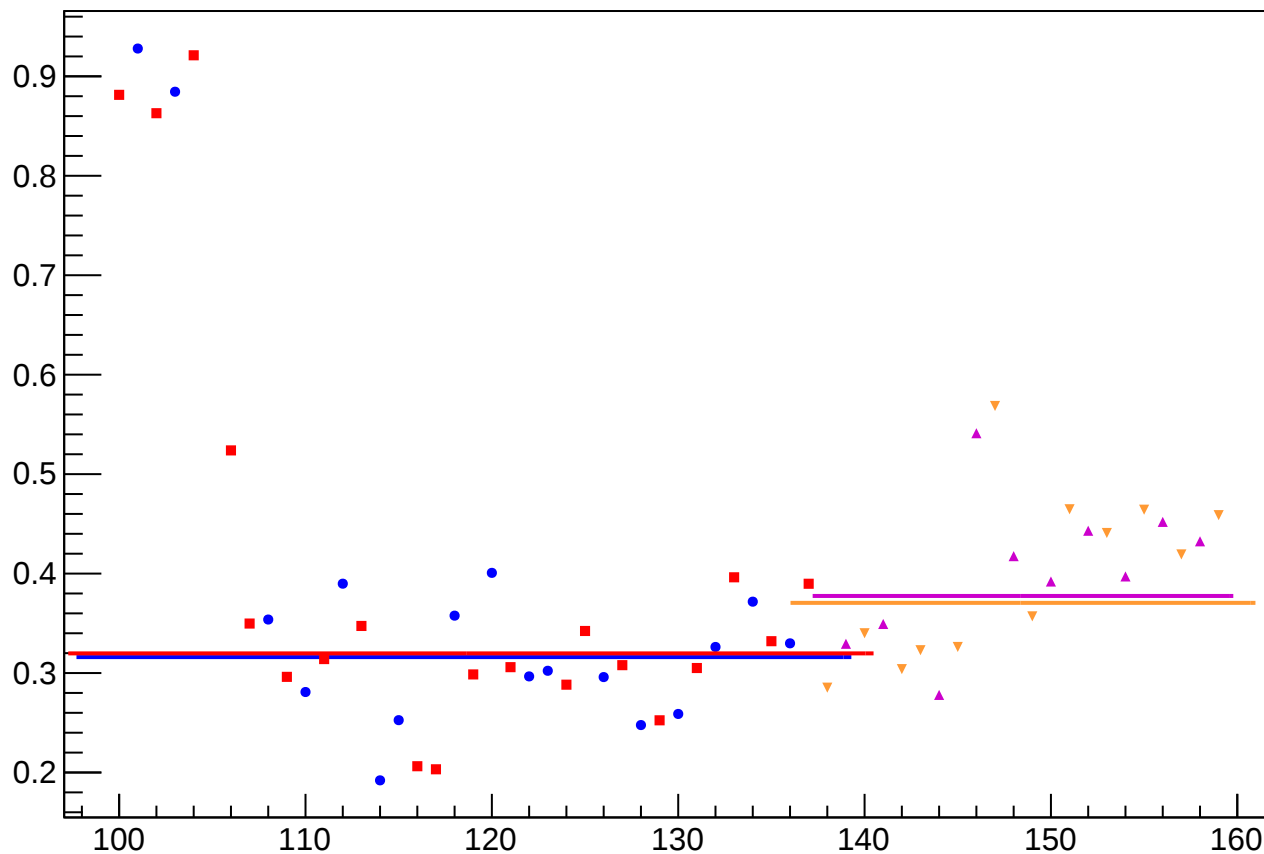
Left In: 147.701+/-0.000 χ^2/NDF : 318457129.9/9

146.078+/-0.000 χ^2/NDF : 4159540754.9/28

145.982+/-0.000 χ^2/NDF : 9342653377.4/28

145.881+/-0.000 χ^2/NDF : 5180909994.0/29

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.316 $\pm$ 0.000 χ^2/NDF : 1265921.5/16

Left Out: 0.371 $\pm$ 0.000 χ^2/NDF : 655127.2/11

Right Out: 0.320 $\pm$ 0.000 χ^2/NDF : 1241752.3/19

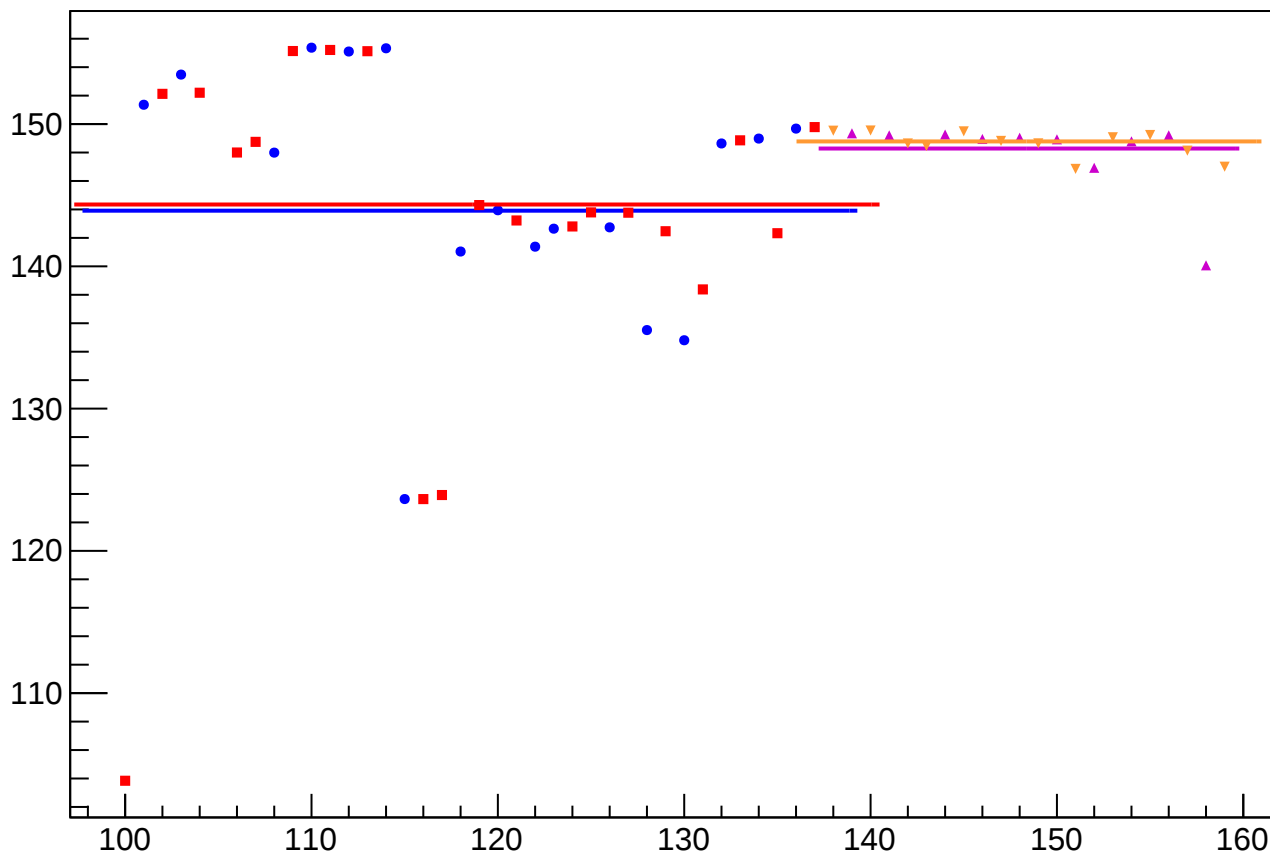
Left In: 0.378 $\pm$ 0.000 χ^2/NDF : 517803.9/9

0.344 $\pm$ 0.000 χ^2/NDF : 2092795.5/28

0.346 $\pm$ 0.000 χ^2/NDF : 4037841.0/58

0.348 $\pm$ 0.000 χ^2/NDF : 1943901.9/29

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 143.912 $\pm$ 0.000 χ^2 /NDF: 3587769790.2/16

Left Out: 148.780 $\pm$ 0.000 χ^2 /NDF: 39658163.0/11

Right Out: 144.347 $\pm$ 0.000 χ^2 /NDF: 4550581147.9/19

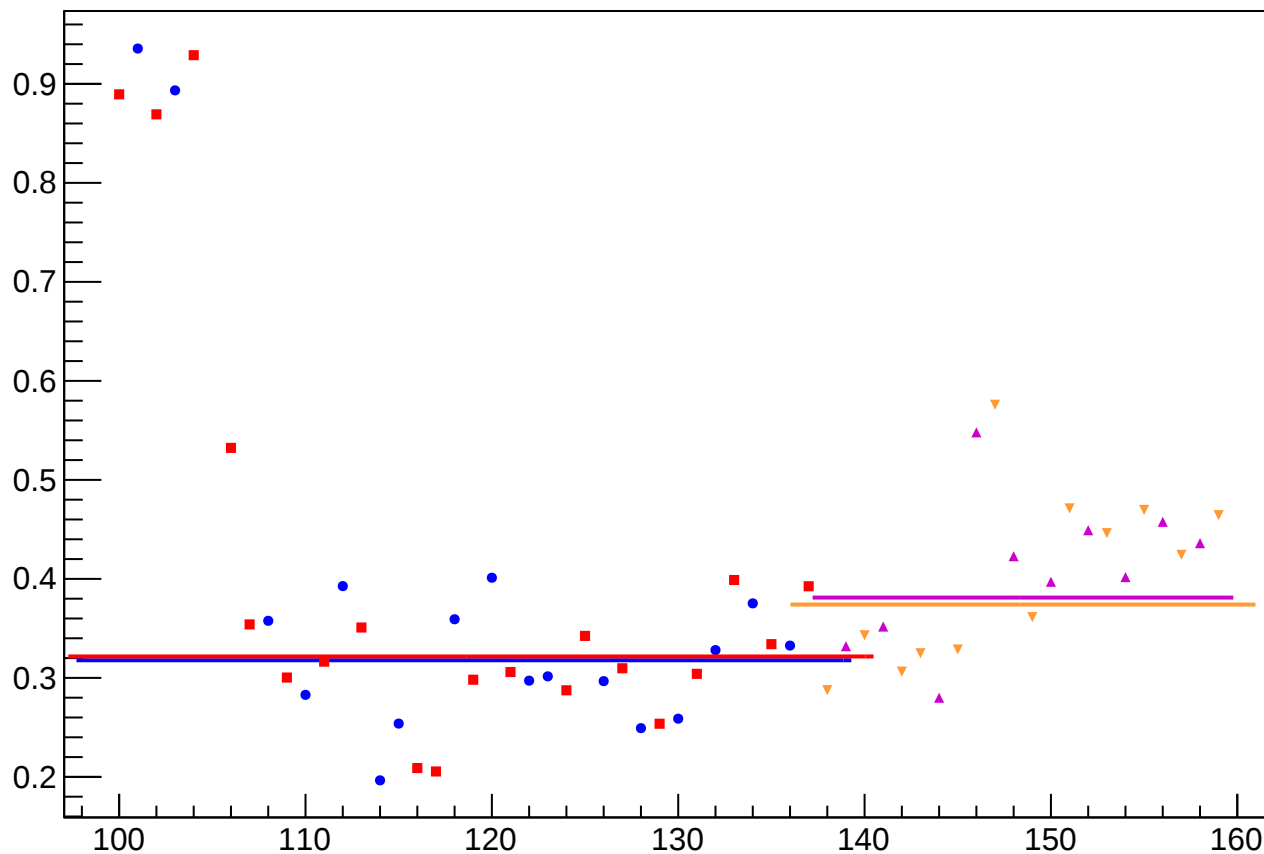
Left In: 148.281 $\pm$ 0.000 χ^2 /NDF: 306349375.0/9

146.429 $\pm$ 0.000 χ^2 /NDF: 4301149194.2/28

146.332 $\pm$ 0.000 χ^2 /NDF: 9581317411.0/28

146.230 $\pm$ 0.000 χ^2 /NDF: 5277963485.7/29

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.318 $\pm$ 0.000 χ^2 /NDF: 1268257.9/16

Left Out: 0.374 $\pm$ 0.000 χ^2 /NDF:668349.4/11

Right Out: 0.322 $\pm$ 0.000 χ^2 /NDF: 1244304.0/19

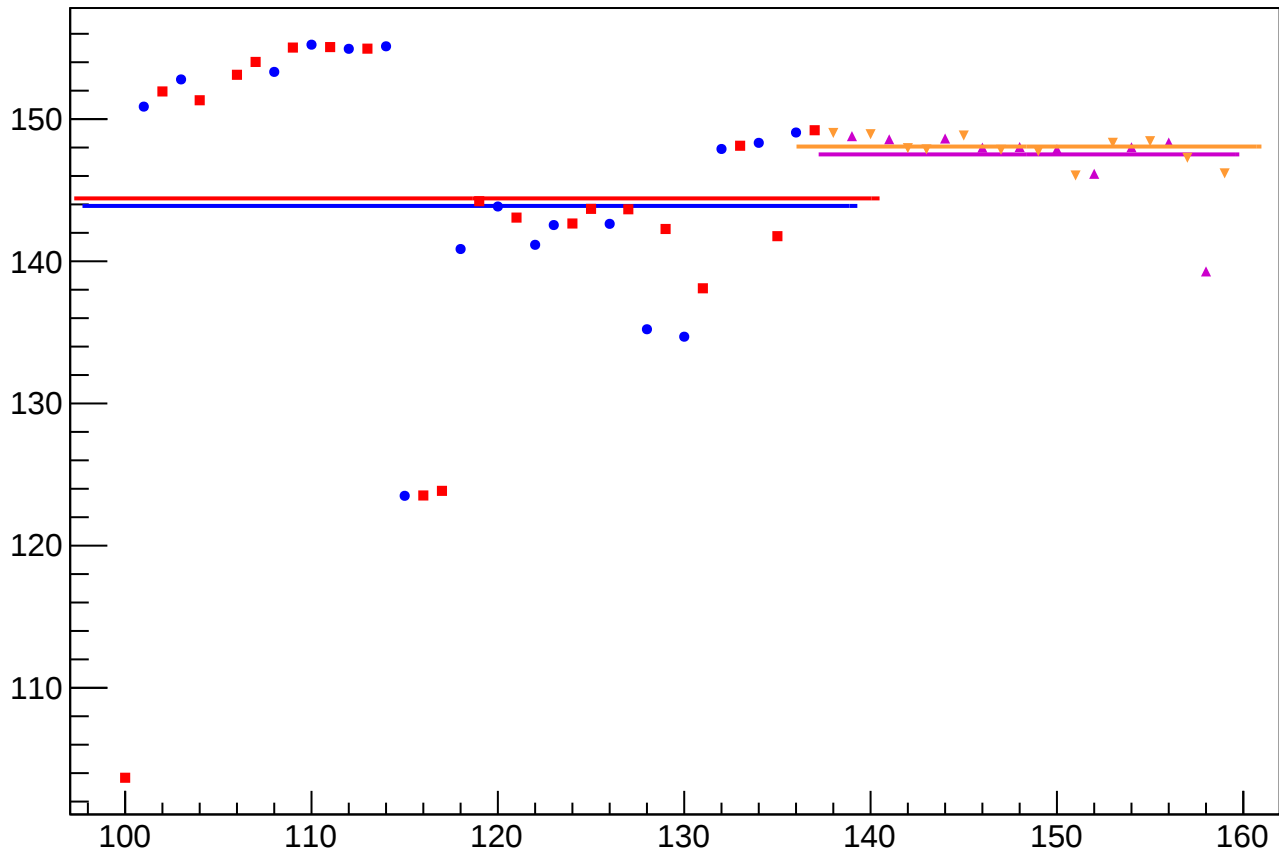
Left In: 0.381 $\pm$ 0.000 χ^2 /NDF:529500.4/9

0.347 $\pm$ 0.000 χ^2 /NDF: 2116551.8/28

0.348 $\pm$ 0.000 χ^2 /NDF: 4083977.3/58

0.350 $\pm$ 0.000 χ^2 /NDF: 1966272.1/29

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 143.893+/-0.000 χ^2/NDF : 3752655677.2/16

Left Out: 148.070+/-0.000 χ^2/NDF : 48643618.8/11

Right Out: 144.423+/-0.000 χ^2/NDF : 4819194675.6/19

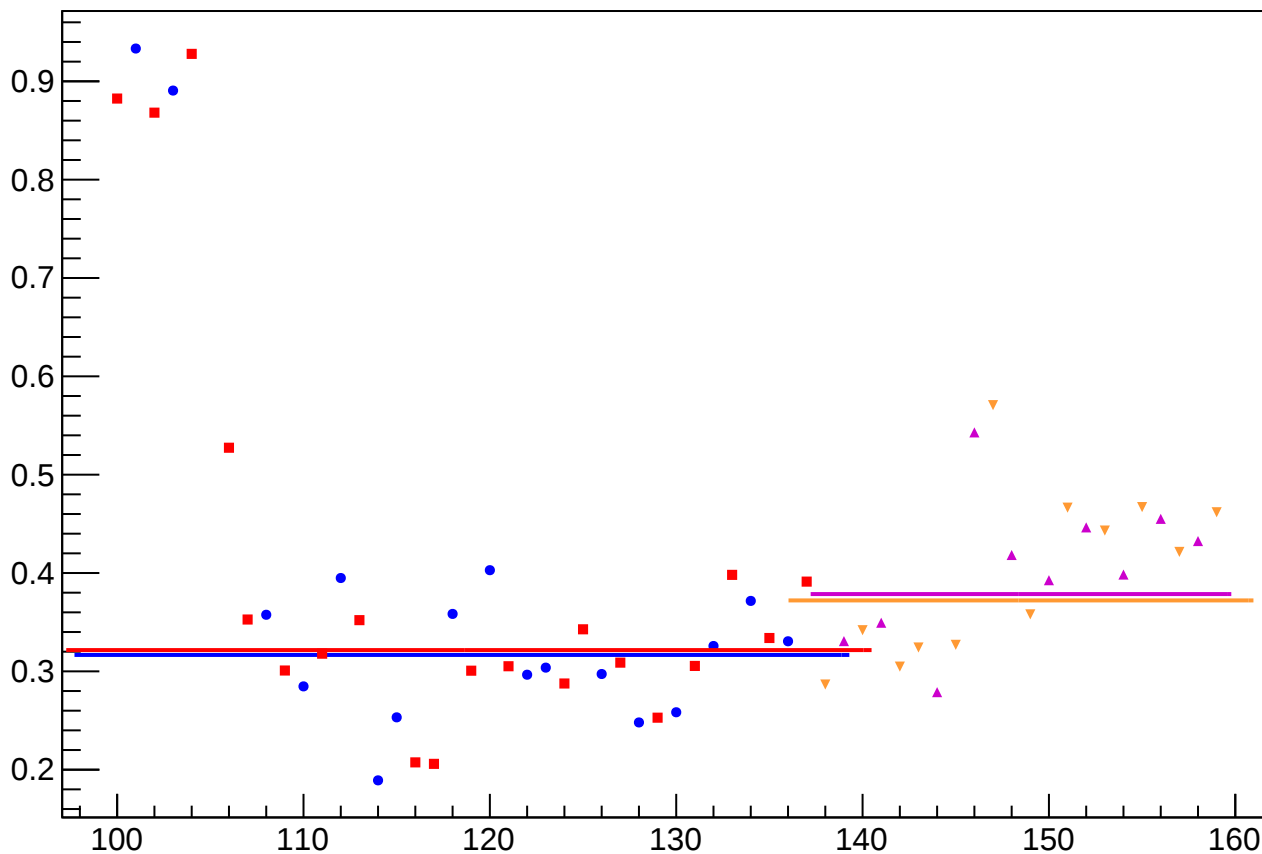
Left In: 147.517+/-0.000 χ^2/NDF : 316620057.7/9

146.059+/-0.000 χ^2/NDF : 4301173104.9/28

145.988+/-0.000 χ^2/NDF : 9700494062.9/28

145.915+/-0.000 χ^2/NDF : 5398160162.9/29

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.317 $\pm$ 0.000 χ^2/NDF : 1280358.6/16

Left Out: 0.372 $\pm$ 0.000 χ^2/NDF : 658265.4/11

Right Out: 0.322 $\pm$ 0.000 χ^2/NDF : 1244671.1/19

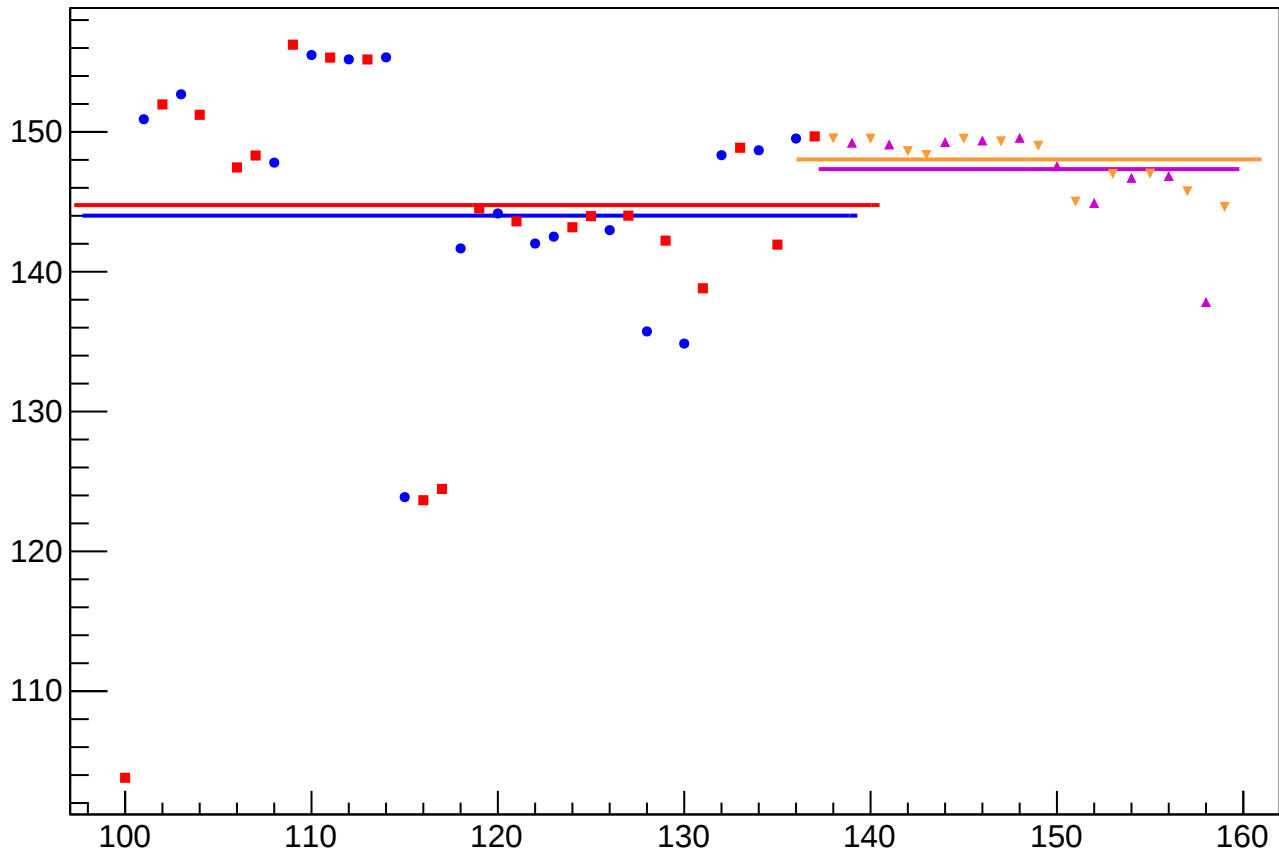
Left In: 0.379 $\pm$ 0.000 χ^2/NDF : 520635.1/9

0.345 $\pm$ 0.000 χ^2/NDF : 2114738.2/28

0.347 $\pm$ 0.000 χ^2/NDF : 4059416.6/58

0.349 $\pm$ 0.000 χ^2/NDF : 1943181.5/29

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 144.012 $\pm$ 0.000 χ^2 /NDF: 3241696920.3/16

Left Out: 148.033 $\pm$ 0.000 χ^2 /NDF: 155450819.8/11

Right Out: 144.767 $\pm$ 0.000 χ^2 /NDF: 4097482970.1/19

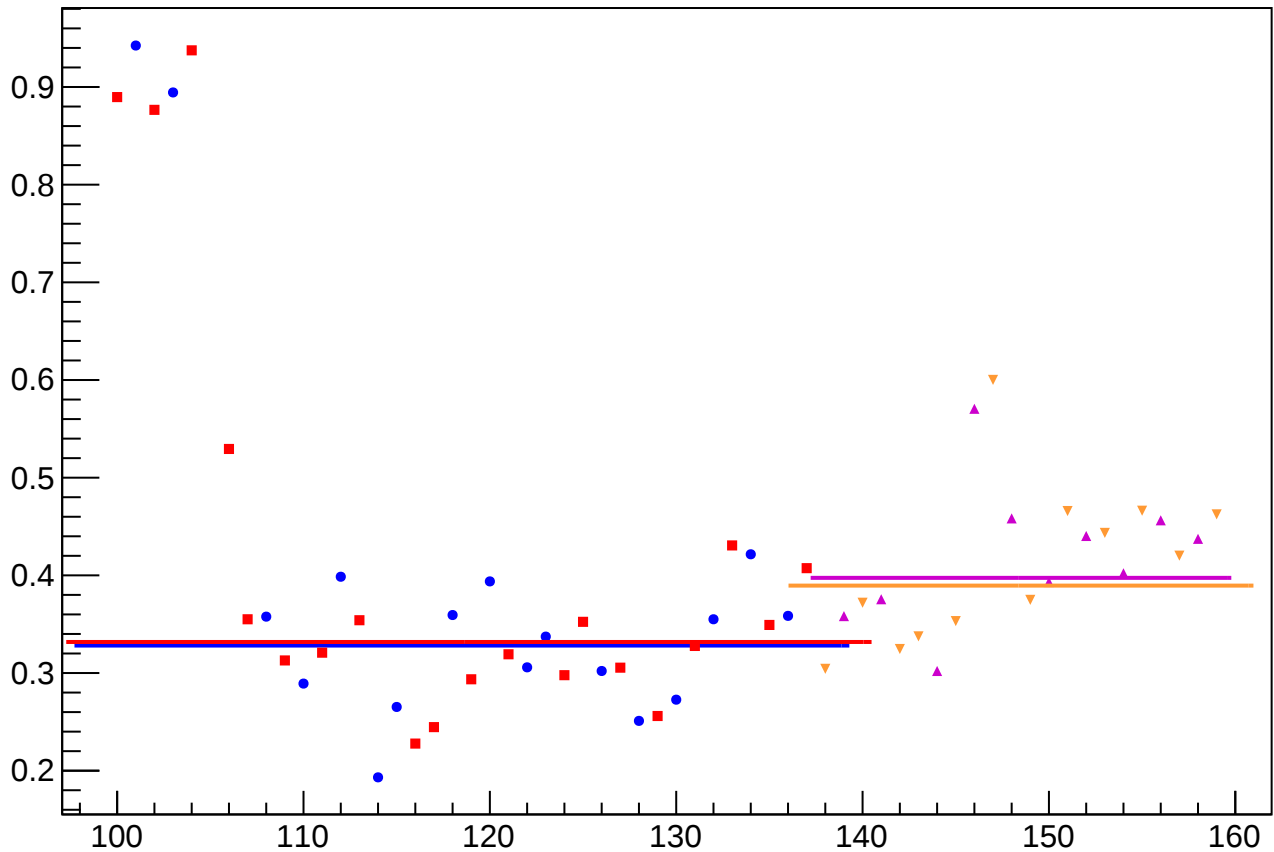
Left In: 147.341 $\pm$ 0.000 χ^2 /NDF: 479770957.8/9

146.082 $\pm$ 0.000 χ^2 /NDF: 3824197971.8/28

146.036 $\pm$ 0.000 χ^2 /NDF: 8569734253.1/

145.989 $\pm$ 0.000 χ^2 /NDF: 4745086874.0/29

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.328 $\pm$ 0.000 χ^2/NDF : 1265892.9/16

Left Out: 0.390 $\pm$ 0.000 χ^2/NDF : 524785.8/11

Right Out: 0.332 $\pm$ 0.000 χ^2/NDF : 1194167.8/19

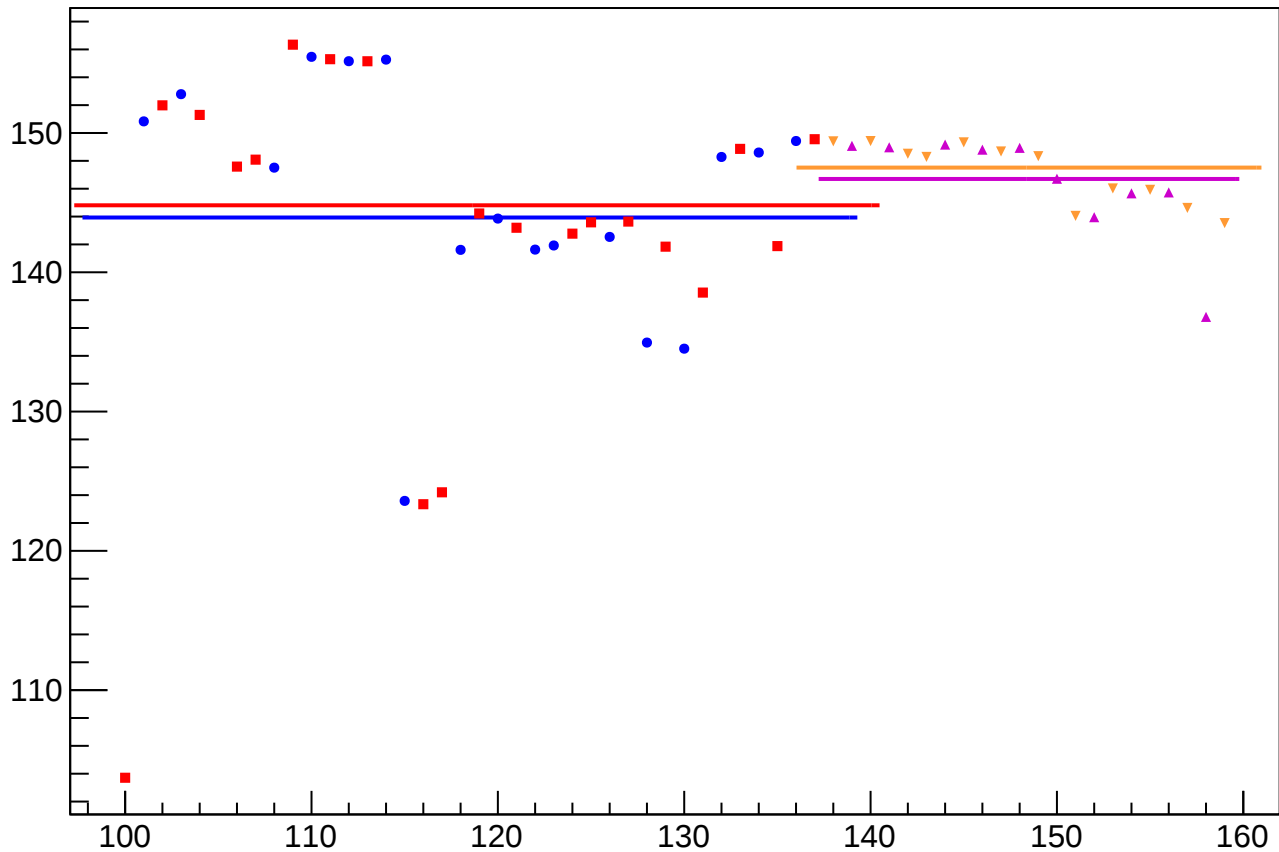
Left In: 0.397 $\pm$ 0.000 χ^2/NDF : 410300.7/9

0.360 $\pm$ 0.000 χ^2/NDF : 1989725.7/28

0.361 $\pm$ 0.000 χ^2/NDF : 3813764.8/58

0.363 $\pm$ 0.000 χ^2/NDF : 1822957.4/29

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 143.932 +/- 0.000 χ^2/NDF : 3383012861.2/16

Left Out: 147.516 +/- 0.000 χ^2/NDF : 230978707.3/11

Right Out: 144.809 +/- 0.000 χ^2/NDF : 4138041955.6/19

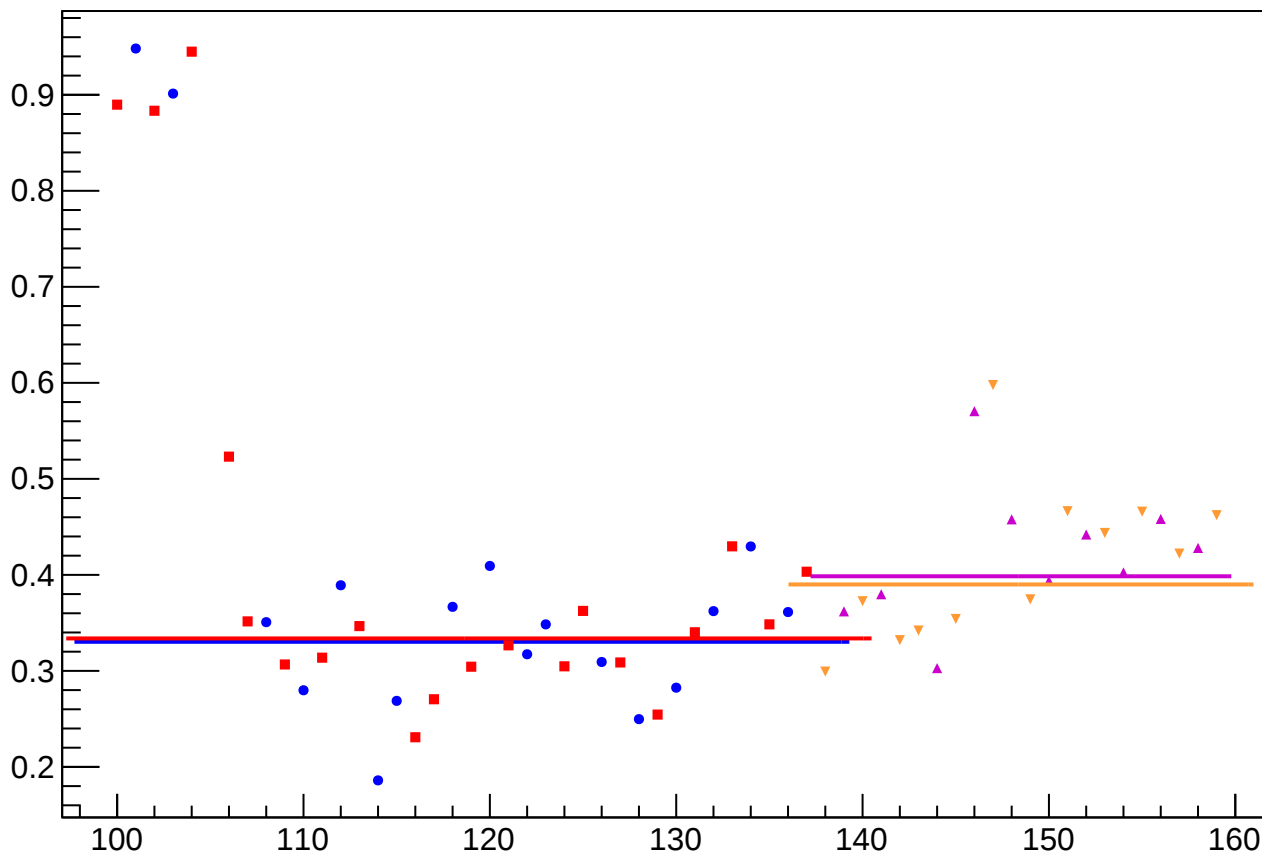
Left In: 146.700 +/- 0.000 χ^2/NDF : 581213645.5/9

145.789 +/- 0.000 χ^2/NDF : 3949578371.8/28

145.750 +/- 0.000 χ^2/NDF : 8758878433.7/19

145.710 +/- 0.000 χ^2/NDF : 4808980284.1/29

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.330+/-0.000 χ^2/NDF : 1283955.7/16

Left Out: 0.390+/-0.000 χ^2/NDF : 524555.0/11

Right Out: 0.334+/-0.000 χ^2/NDF : 1177889.1/19

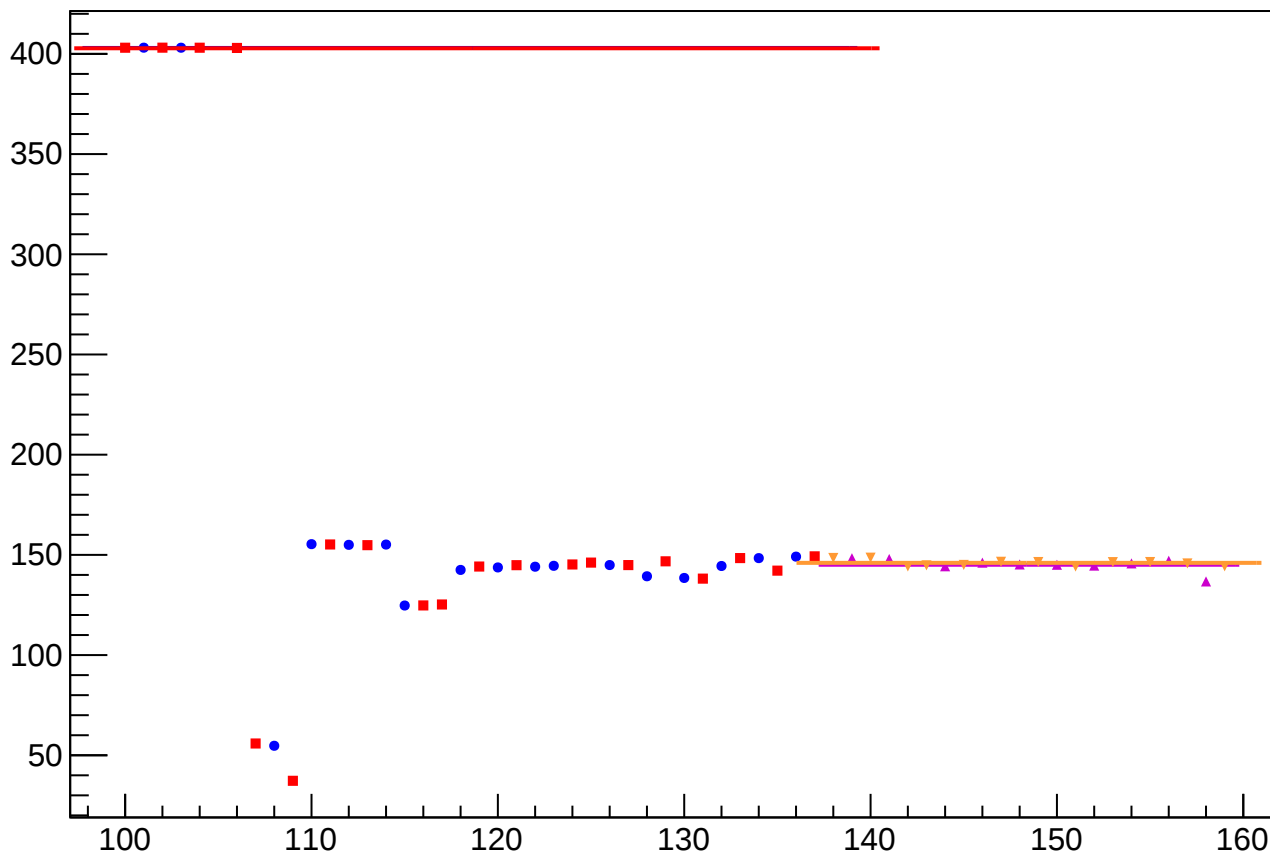
Left In: 0.399+/-0.000 χ^2/NDF : 396904.1/9

0.361+/-0.000 χ^2/NDF : 1994798.4/28

0.363+/-0.000 χ^2/NDF : 3781092.7/58

0.365+/-0.000 χ^2/NDF : 1785107.5/29

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 402.958 +/- 0.000 χ^2/NDF : 1094364588383.4/16

Left Out: 146.022 +/- 0.000 χ^2/NDF : 35089640.6/11

Right Out: 402.797 +/- 0.000 χ^2/NDF : 3120897866993.6/19

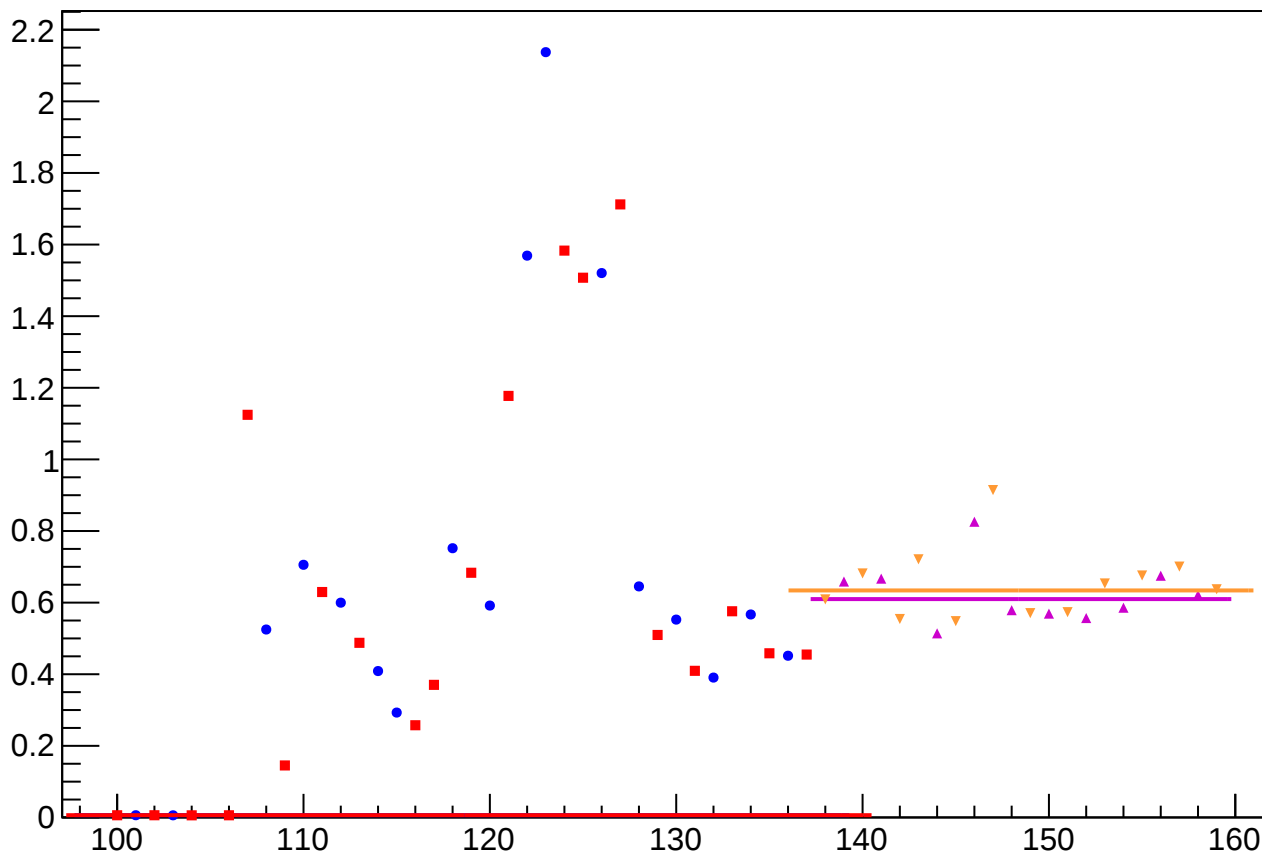
Left In: 145.071 +/- 0.000 χ^2/NDF : 125809903.6/9

402.839 +/- 0.000 χ^2/NDF : 2046674075477.2/28

402.761 +/- 0.000 χ^2/NDF : 612401773143

402.692 +/- 0.000 χ^2/NDF : 4076986381093.0/29

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 9079322.7/16

Left Out: 0.634+/-0.000 χ^2/NDF : 184296.1/11

Right Out: 0.006+/-0.000 χ^2/NDF : 9258244.0/19

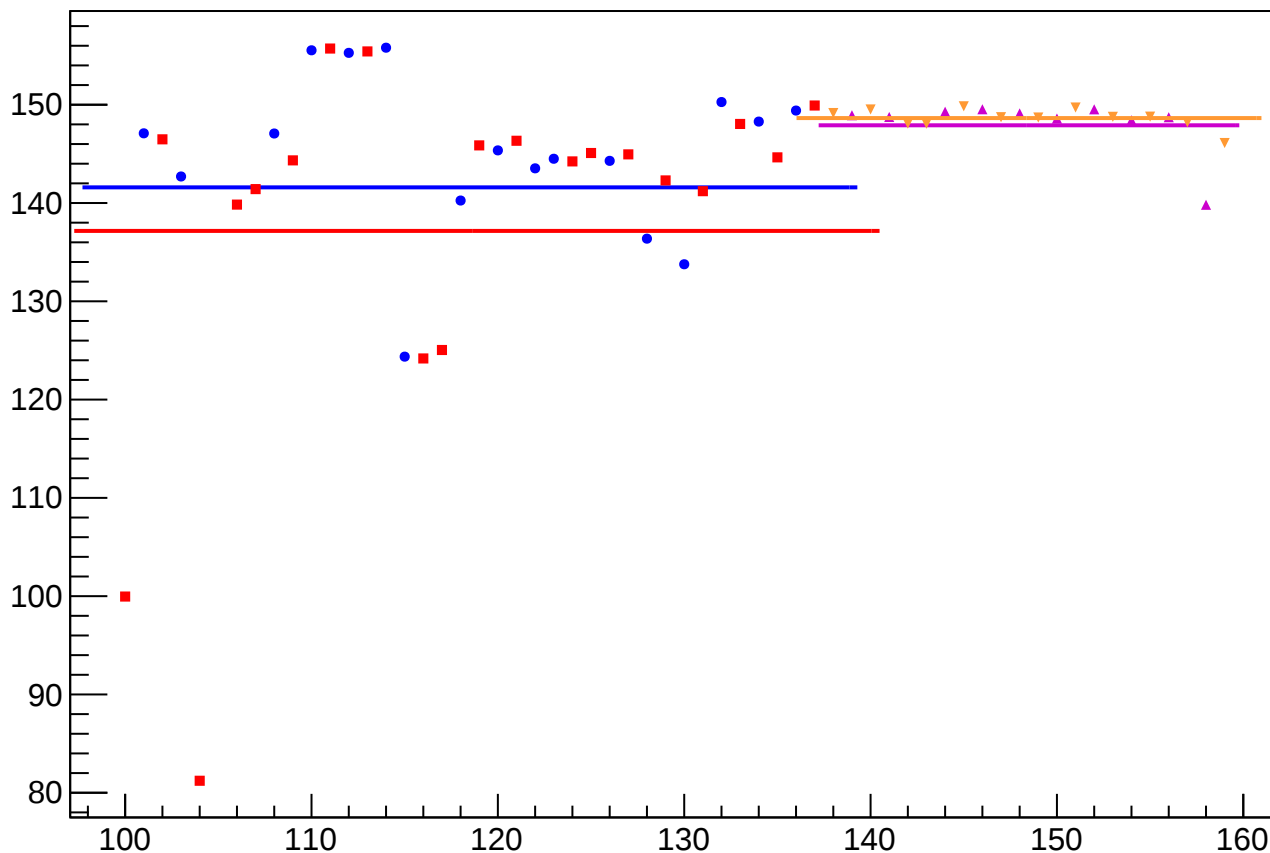
Left In: 0.610+/-0.000 χ^2/NDF : 153343.6/9

0.007+/-0.000 χ^2/NDF : 20630353.0/28

0.007+/-0.000 χ^2/NDF : 40526583.1/58

0.007+/-0.000 χ^2/NDF : 19896140.2/29

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 141.593 $\pm$ 0.000 χ^2 /NDF: 980101868.2/16

Left Out: 148.642 $\pm$ 0.000 χ^2 /NDF: 28334346.2/11

Right Out: 137.162 $\pm$ 0.000 χ^2 /NDF: 1366089515.6/19

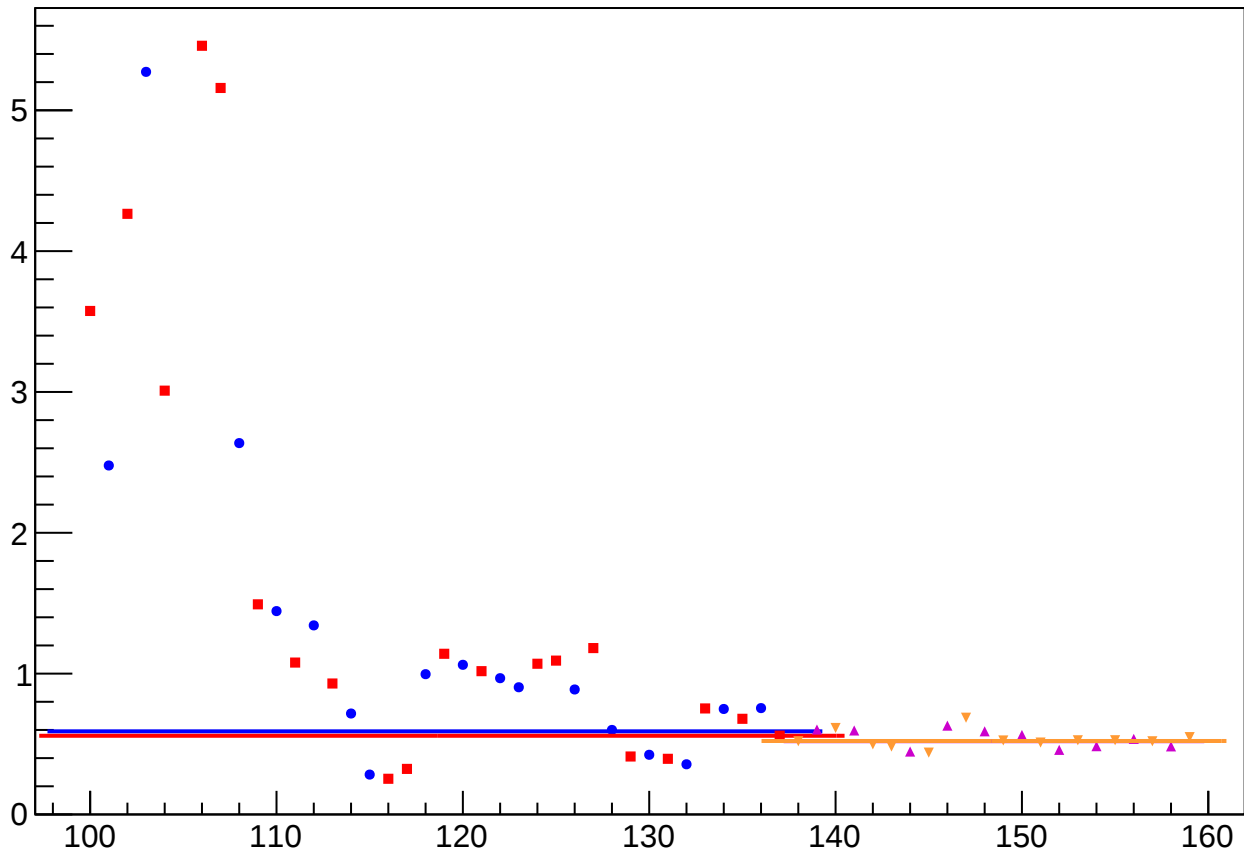
Left In: 147.908 $\pm$ 0.000 χ^2 /NDF: 233947522.4/9

146.781 $\pm$ 0.000 χ^2 /NDF: 1377607607.4/28

145.765 $\pm$ 0.000 χ^2 /NDF: 3946297843.3/29

144.708 $\pm$ 0.000 χ^2 /NDF: 2488091390.4/29

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.590+/-0.000 χ^2/NDF : 3491995.1/16

Left Out: 0.522+/-0.000 χ^2/NDF :168146.0/11

Right Out: 0.559+/-0.000 χ^2/NDF : 4721291.1/19

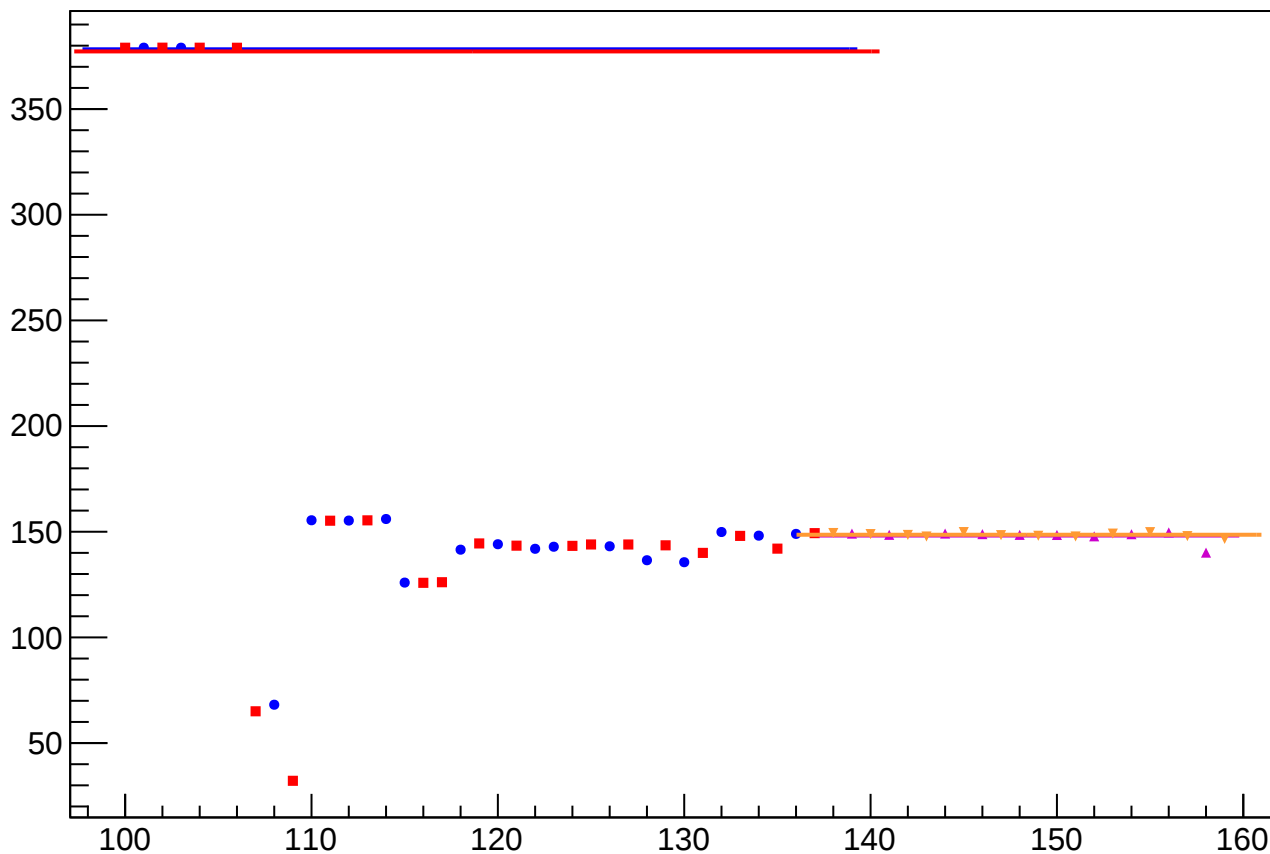
Left In: 0.520+/-0.000 χ^2/NDF :198522.8/9

0.540+/-0.000 χ^2/NDF : 3730080.1/28

0.536+/-0.000 χ^2/NDF : 8675288.9/58

0.532+/-0.000 χ^2/NDF : 4942738.5/29

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 378.283+/-0.000 χ^2/NDF : 2508313421453.8/16

Left Out: 148.577+/-0.000 χ^2/NDF : 39551078.2/11

Right Out: 377.280+/-0.000 χ^2/NDF : 8313240281527.9/19

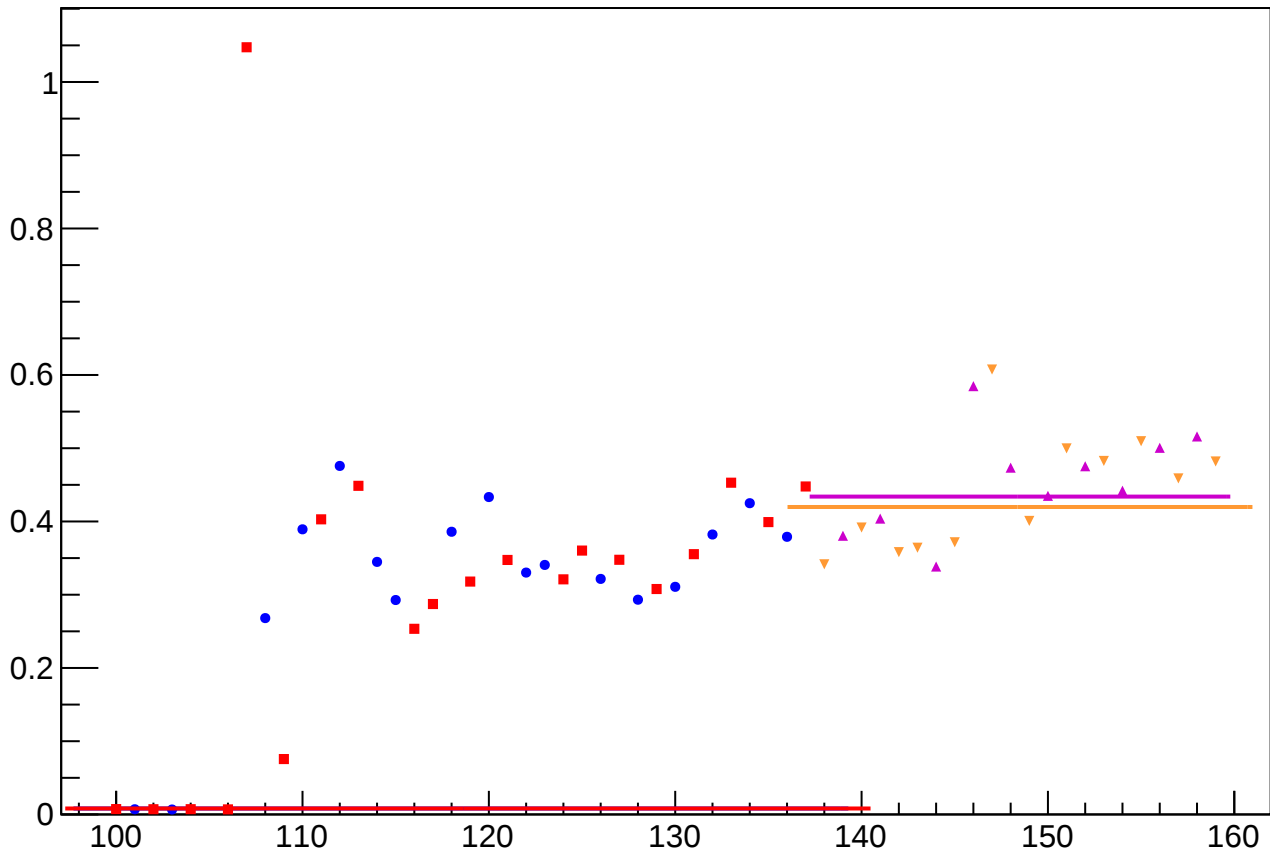
Left In: 148.202+/-0.000 χ^2/NDF : 206756575.2/9

377.465+/-0.000 χ^2/NDF : 5010085797423.0/28

377.038+/-0.000 χ^2/NDF : 154705704791

376.664+/-0.000 χ^2/NDF : 10455922017288.9/2

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.000 χ^2/NDF : 9806719.4/16

Left Out: 0.420 $\pm$ 0.000 χ^2/NDF : 455678.4/11

Right Out: 0.008 $\pm$ 0.000 χ^2/NDF : 9589375.6/19

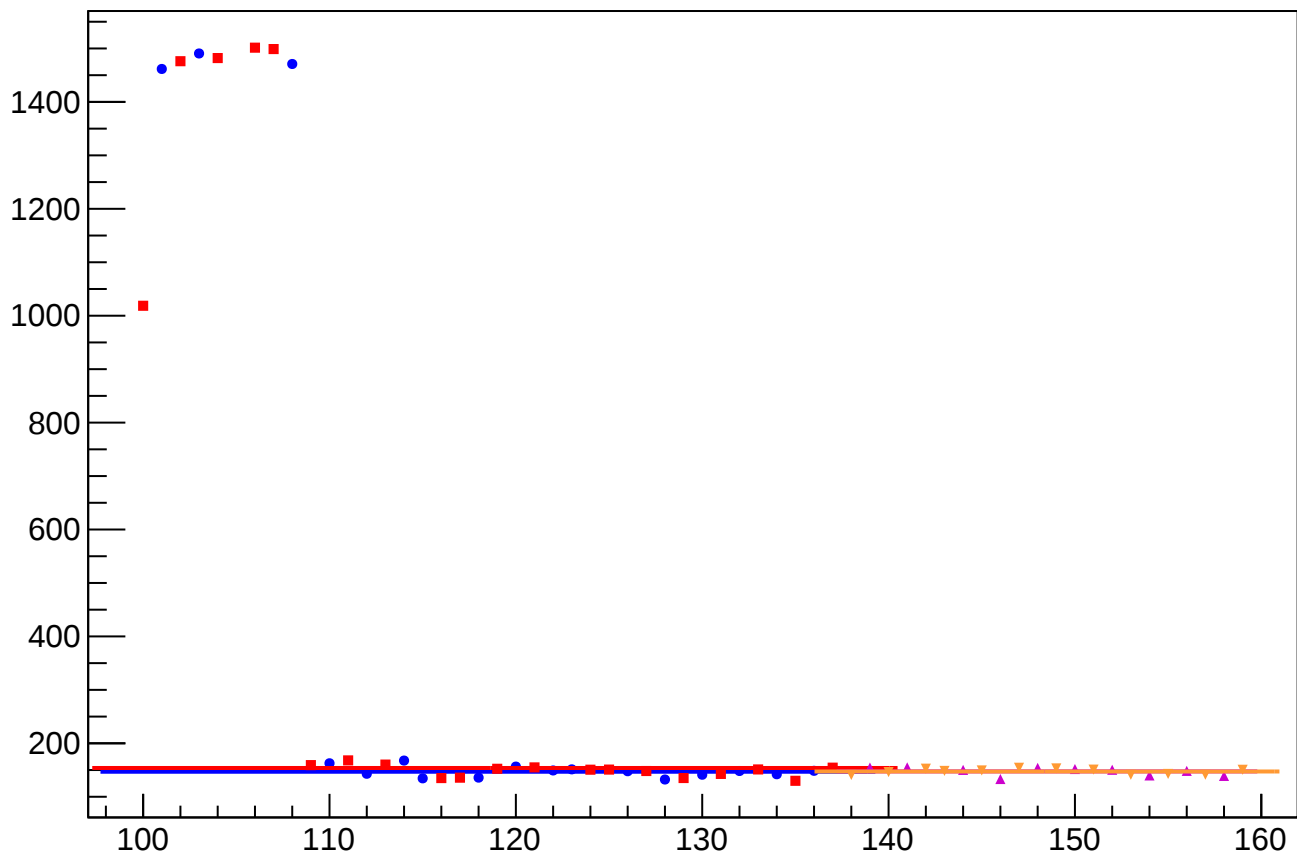
Left In: 0.434 $\pm$ 0.000 χ^2/NDF : 364602.2/9

0.010 $\pm$ 0.000 χ^2/NDF : 26330865.7/28

0.009 $\pm$ 0.000 χ^2/NDF : 51091353.9/58

0.009 $\pm$ 0.000 χ^2/NDF : 24759309.5/29

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 146.819+/-0.000 χ^2/NDF : 24360774977.7/16

Left Out: 147.286+/-0.000 χ^2/NDF : 215532393.2/11

Right Out: 153.832+/-0.000 χ^2/NDF : 33744235949.2/19

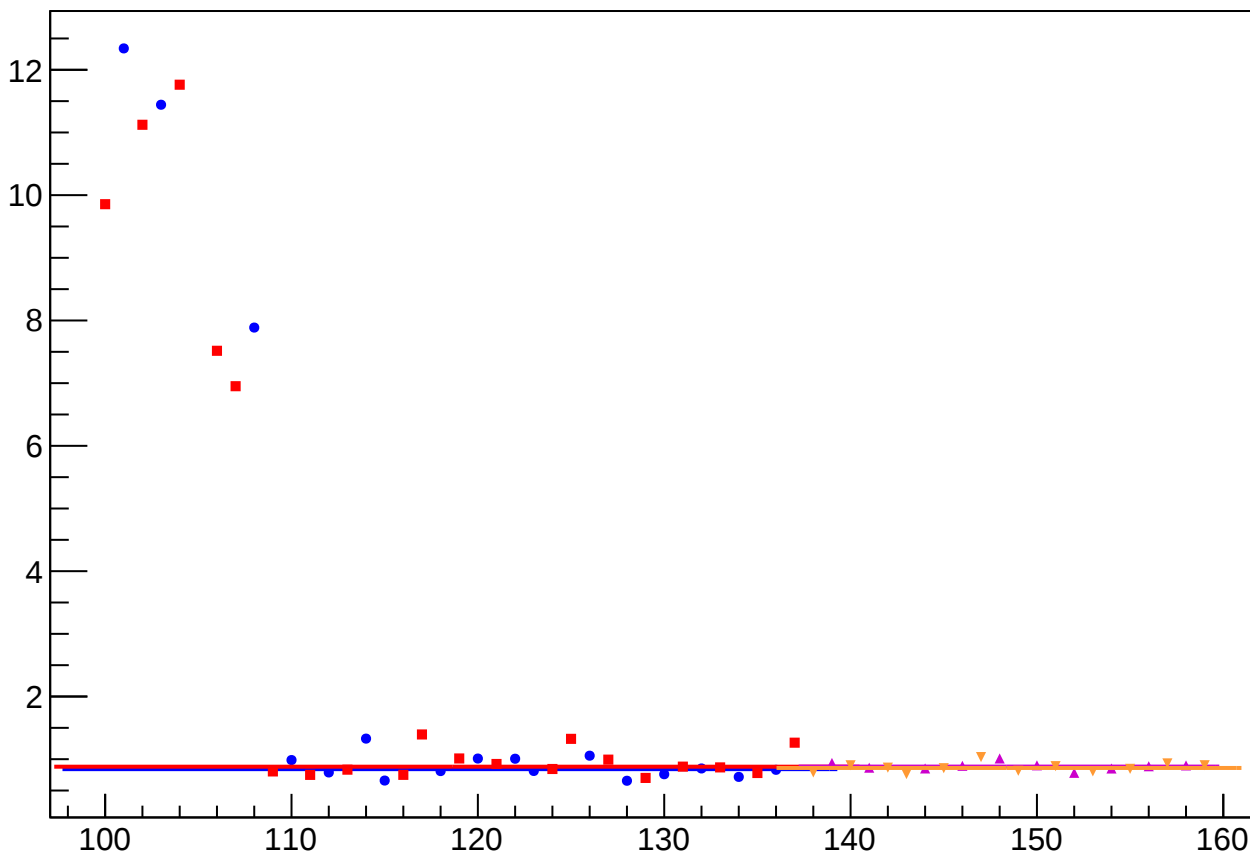
Left In: 147.431+/-0.000 χ^2/NDF : 430442769.6/9

147.117+/-0.000 χ^2/NDF : 24577048754.0/28

148.464+/-0.000 χ^2/NDF : 58940329728.5

149.909+/-0.000 χ^2/NDF : 34307962145.7/29

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.841 ± 0.000 χ^2/NDF : 2662395.1/16

Left Out: 0.860 ± 0.000 χ^2/NDF : 86253.6/11

Right Out: 0.880 ± 0.000 χ^2/NDF : 2825356.7/19

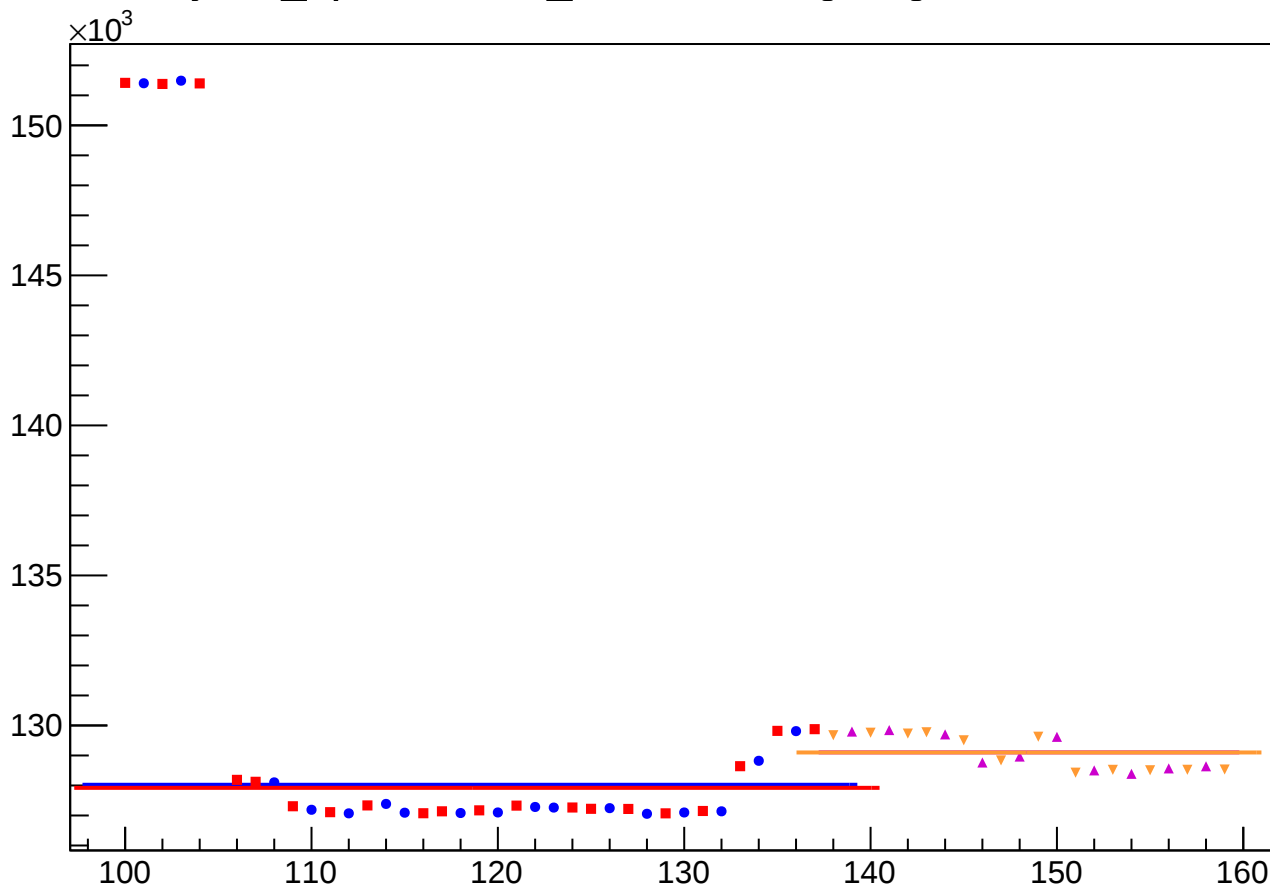
Left In: 0.882 ± 0.000 χ^2/NDF : 54773.9/9

0.853 ± 0.000 χ^2/NDF : 2751063.5/28

0.867 ± 0.000 χ^2/NDF : 5642409.3/58

0.881 ± 0.000 χ^2/NDF : 2880148.9/29

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 128023.527 $\pm$ 0.055 χ^2 /NDF: 4316540586.9/16

Left Out: 129100.157 $\pm$ 0.058 χ^2 /NDF: 97644053.5/11

Right Out: 127921.299 $\pm$ 0.050 χ^2 /NDF: 3768965324.4/19

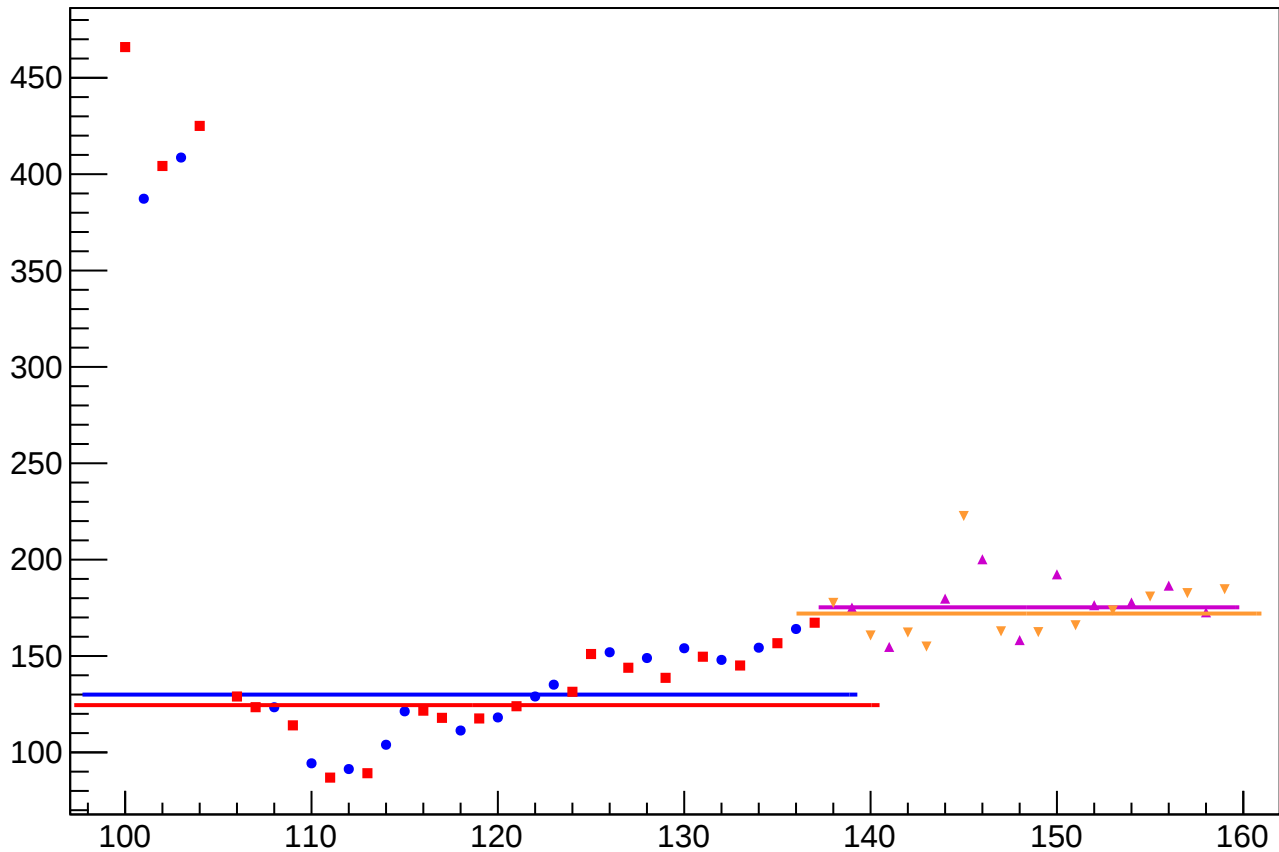
Left In: 129103.544 $\pm$ 0.062 χ^2 /NDF: 84070757.4/9

128528.163 $\pm$ 0.040 χ^2 /NDF: 4596843077.0/28

128457.916 $\pm$ 0.028 χ^2 /NDF: 867629531

128390.410 $\pm$ 0.039 χ^2 /NDF: 4073328821.2/29

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 129.980 +/- 0.039 χ^2/NDF : 1485519.5/16

Left Out: 172.031 +/- 0.041 χ^2/NDF : 136680.3/11

Right Out: 124.514 +/- 0.035 χ^2/NDF : 1531546.7/19

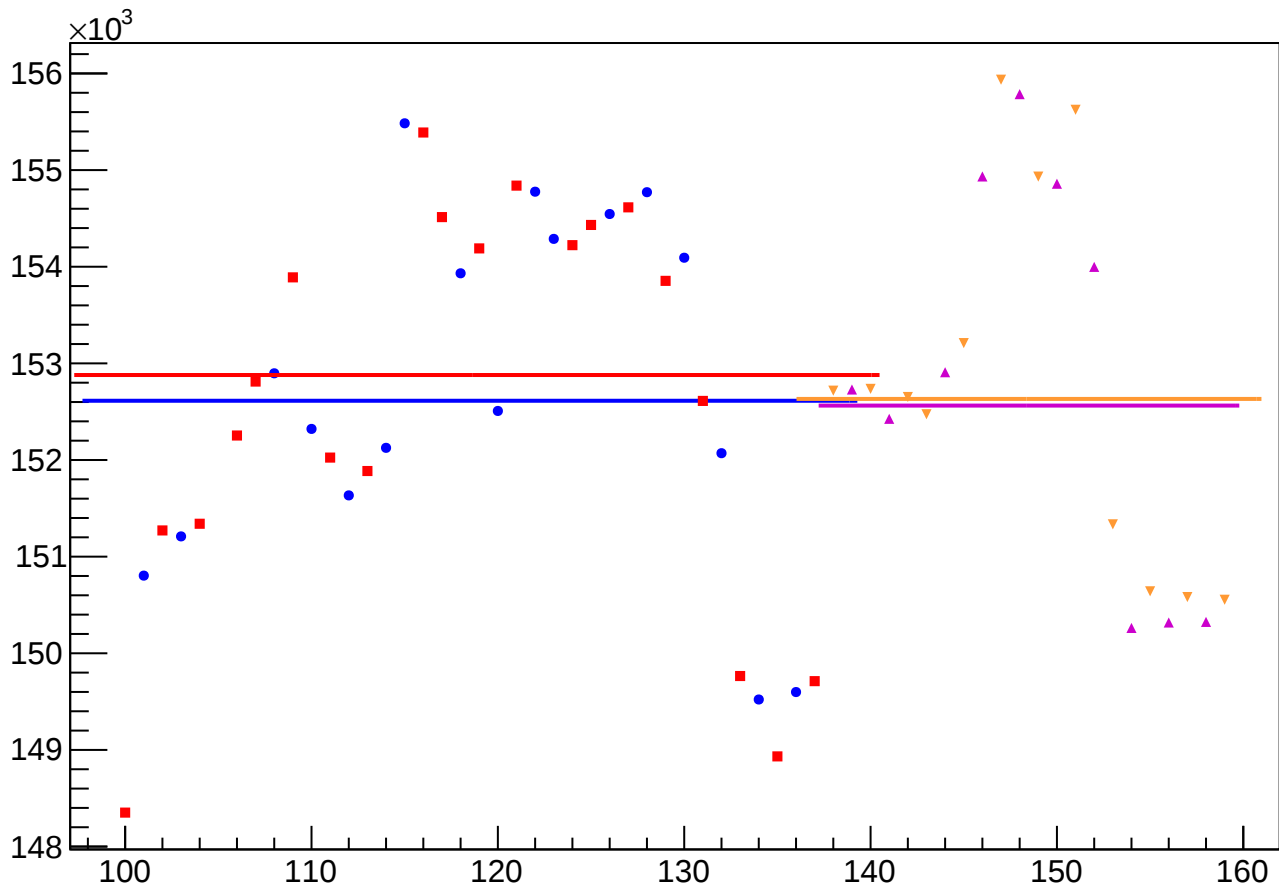
Left In: 175.268 +/- 0.044 χ^2/NDF : 93255.0/9

149.690 +/- 0.028 χ^2/NDF : 2179518.8/28

147.121 +/- 0.020 χ^2/NDF : 4632687.2/58

144.653 +/- 0.028 χ^2/NDF : 2436794.8/29

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 152613.122 $\pm$ 0.072 χ^2 /NDF: 623356098.4/16

Left Out: 152632.098 $\pm$ 0.065 χ^2 /NDF: 694877693.2/11

Right Out: 152879.455 $\pm$ 0.066 χ^2 /NDF: 717907168.5/19

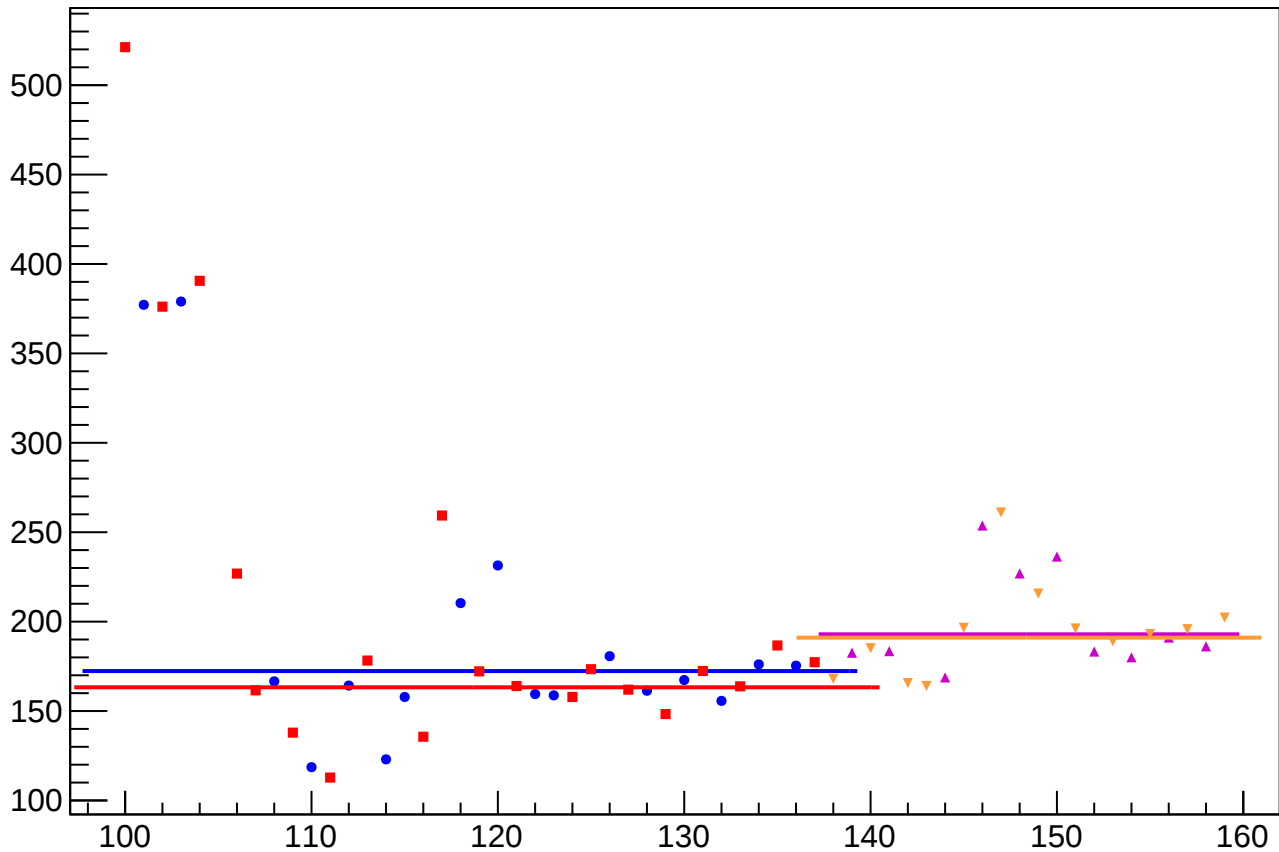
Left In: 152563.167 $\pm$ 0.069 χ^2 /NDF: 718787229.9/9

152623.629 $\pm$ 0.048 χ^2 /NDF: 1318271969.3/28

152676.112 $\pm$ 0.034 χ^2 /NDF: 276831923

152727.137 $\pm$ 0.048 χ^2 /NDF: 1447716455.7/29

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 172.351 +/- 0.051 χ^2/NDF : 921911.1/16

Left Out: 191.040 +/- 0.046 χ^2/NDF : 224335.7/11

Right Out: 163.273 +/- 0.047 χ^2/NDF : 1043440.1/19

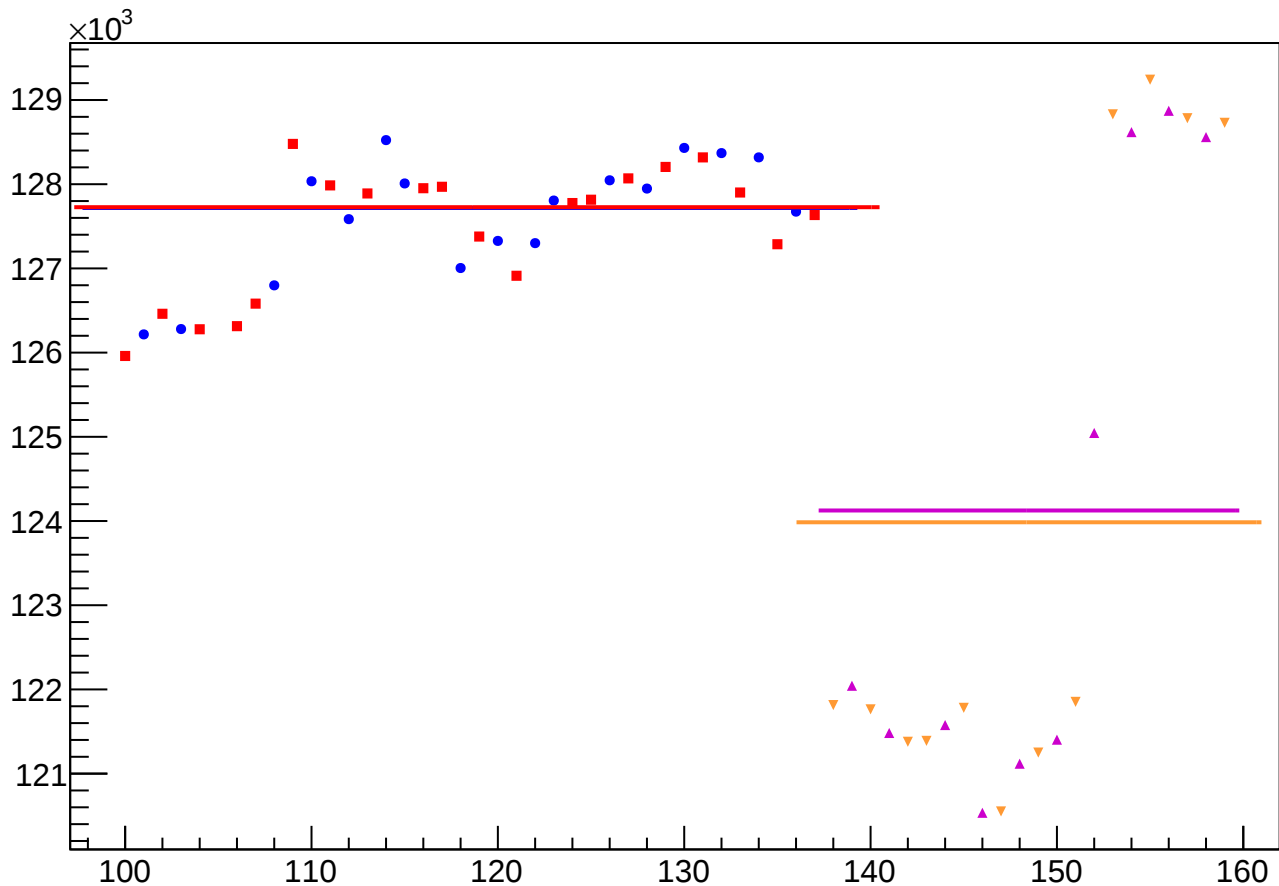
Left In: 192.915 +/- 0.049 χ^2/NDF : 242086.2/9

182.700 +/- 0.034 χ^2/NDF : 1220313.4/28

180.088 +/- 0.024 χ^2/NDF : 2711005.9/58

177.548 +/- 0.034 χ^2/NDF : 1479146.1/29

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127717.888 $\pm$ 0.058 χ^2 /NDF: 95177660.2/16

Left Out: 123985.049 $\pm$ 0.056 χ^2 /NDF: 3793625874.6/11

Right Out: 127726.969 $\pm$ 0.054 χ^2 /NDF: 112752557.5/19

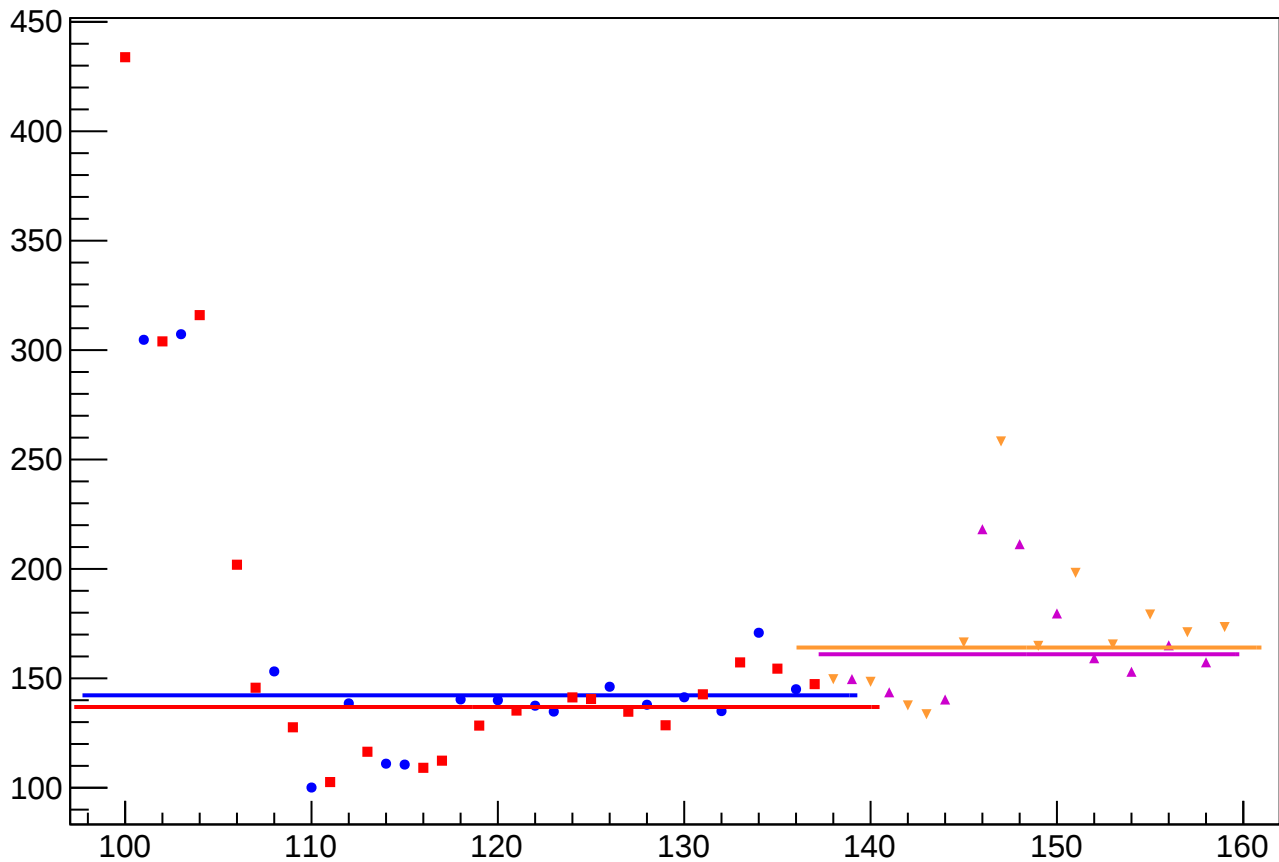
Left In: 124125.076 $\pm$ 0.058 χ^2 /NDF: 3253644707.3/9

125789.329 $\pm$ 0.041 χ^2 /NDF: 6007971403.6/28

125914.996 $\pm$ 0.028 χ^2 /NDF: 114647037

126034.387 $\pm$ 0.039 χ^2 /NDF: 5437977301.1/29

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 142.240 +/- 0.041 χ^2/NDF : 836415.1/16

Left Out: 164.082 +/- 0.040 χ^2/NDF : 396325.0/11

Right Out: 136.904 +/- 0.038 χ^2/NDF : 961858.5/19

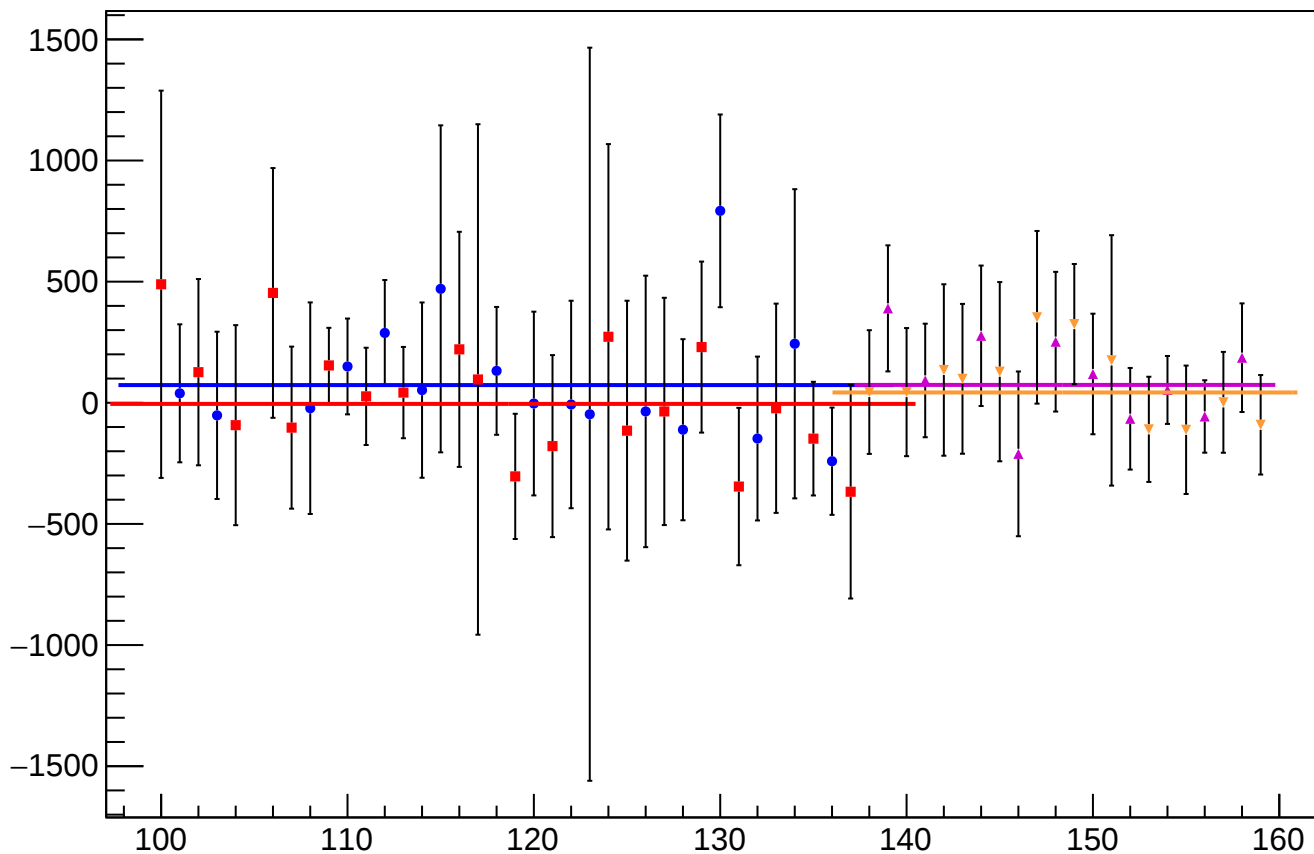
Left In: 161.005 +/- 0.041 χ^2/NDF : 287668.6/9

153.525 +/- 0.029 χ^2/NDF : 1377848.9/28

150.809 +/- 0.020 χ^2/NDF : 2830396.6/58

148.229 +/- 0.028 χ^2/NDF : 1435031.8/29

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 73.109+/-79.604 χ^2/NDF : 7.9/16

Left Out: 42.639+/-77.731 χ^2/NDF : 3.6/11

Right Out: -4.574+/-69.944 χ^2/NDF : 7.1/19

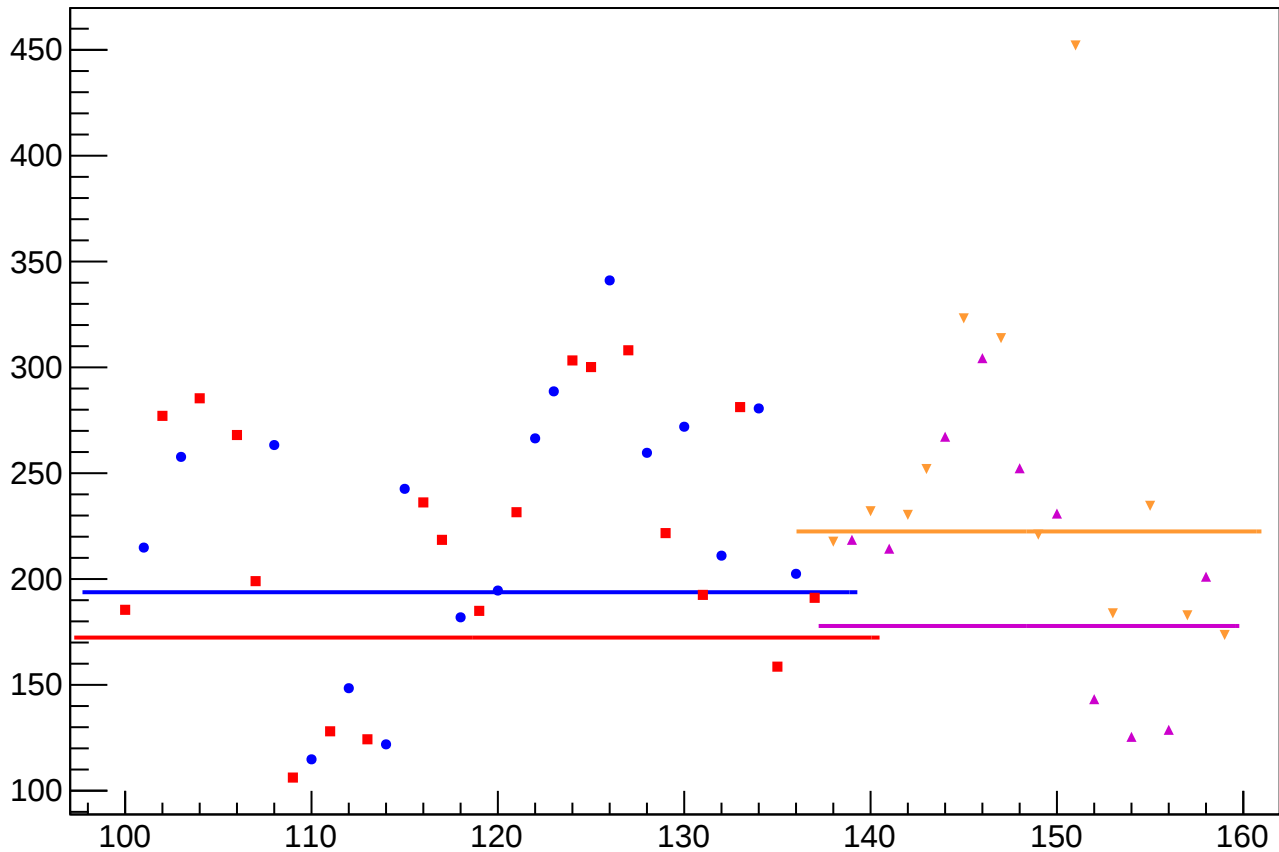
Left In: 73.813+/-67.433 χ^2/NDF : 4.6/9

57.512+/-55.615 χ^2/NDF : 11.5/28

45.332+/-36.573 χ^2/NDF : 23.9/58

36.051+/-48.546 χ^2/NDF : 12.3/29

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 193.773 +/- 0.056 χ^2/NDF : 1017081.7/16

Left Out: 222.484 +/- 0.055 χ^2/NDF : 950310.1/11

Right Out: 172.346 +/- 0.049 χ^2/NDF : 1583893.0/19

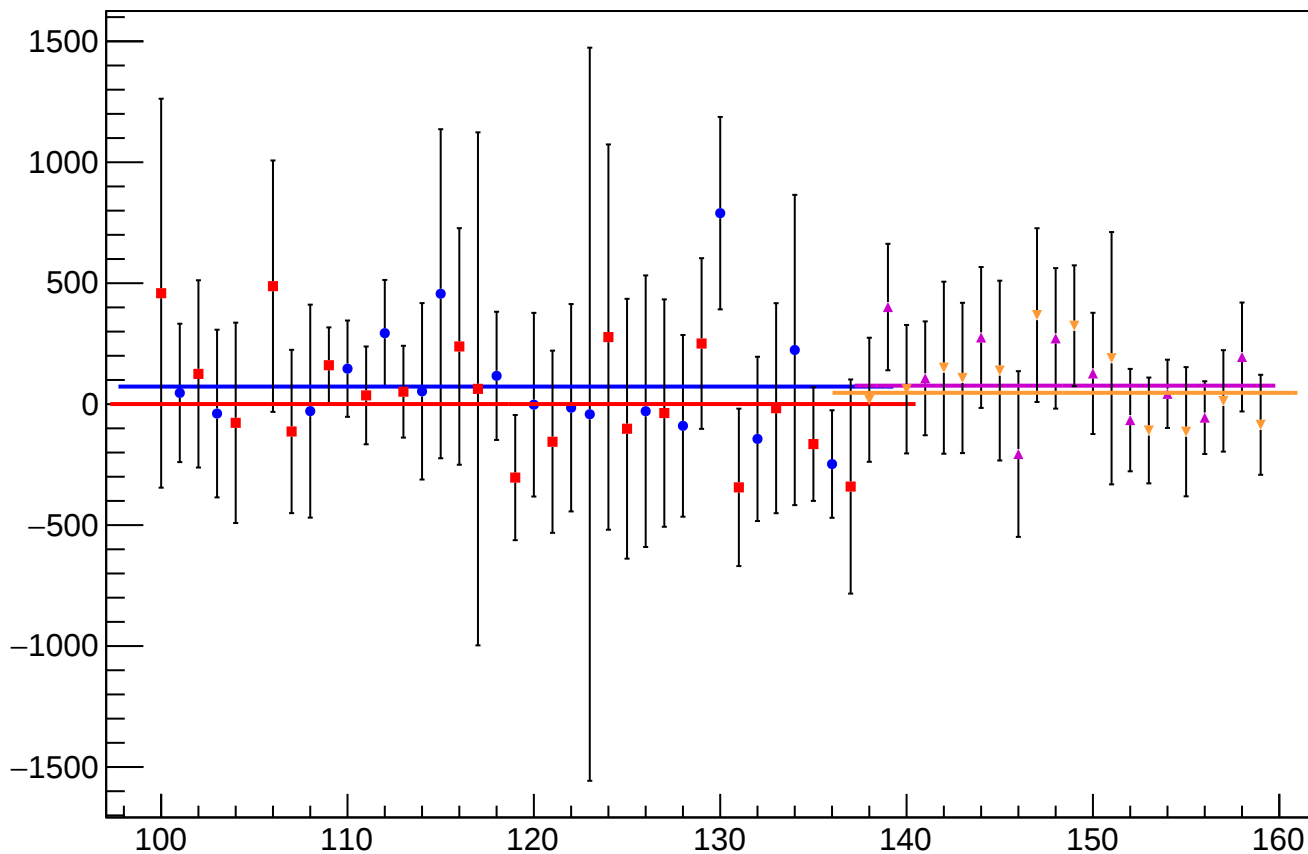
Left In: 177.824 +/- 0.048 χ^2/NDF : 1359661.2/9

208.470 +/- 0.039 χ^2/NDF : 2100582.1/28

189.579 +/- 0.026 χ^2/NDF : 5457081.7/58

175.185 +/- 0.034 χ^2/NDF : 2949912.0/29

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 72.675 $\pm$ 79.992 χ^2/NDF : 7.8/16

Left Out: 46.895 $\pm$ 78.227 χ^2/NDF : 3.6/11

Right Out: 0.459 $\pm$ 70.312 χ^2/NDF : 7.3/19

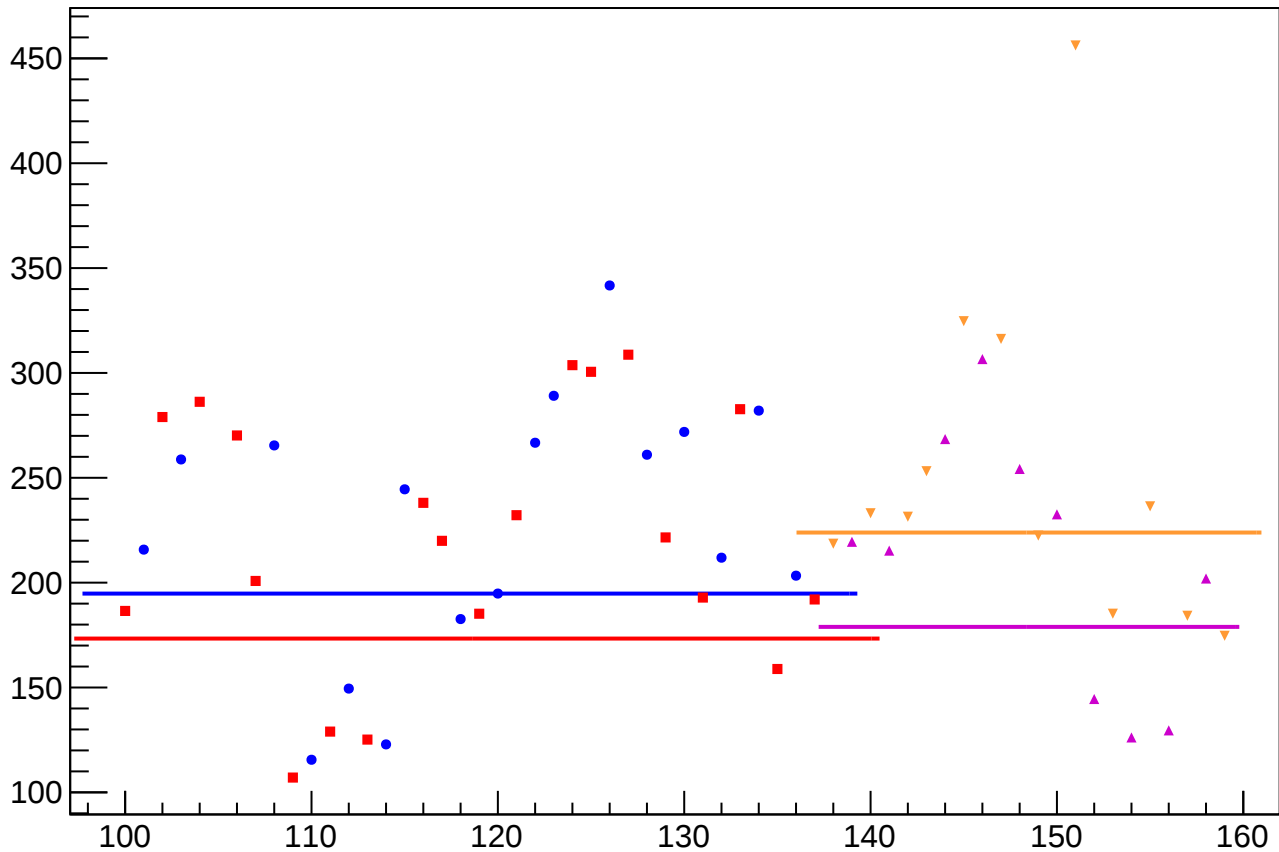
Left In: 76.453 $\pm$ 67.844 χ^2/NDF : 4.8/9

59.497 $\pm$ 55.928 χ^2/NDF : 11.4/28

48.326 $\pm$ 36.780 χ^2/NDF : 24.1/58

39.813 $\pm$ 48.822 χ^2/NDF : 12.7/29

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 194.782 +/- 0.057 χ^2/NDF : 1008292.8/16

Left Out: 223.897 +/- 0.055 χ^2/NDF : 949829.0/11

Right Out: 173.337 +/- 0.050 χ^2/NDF : 1571436.7/19

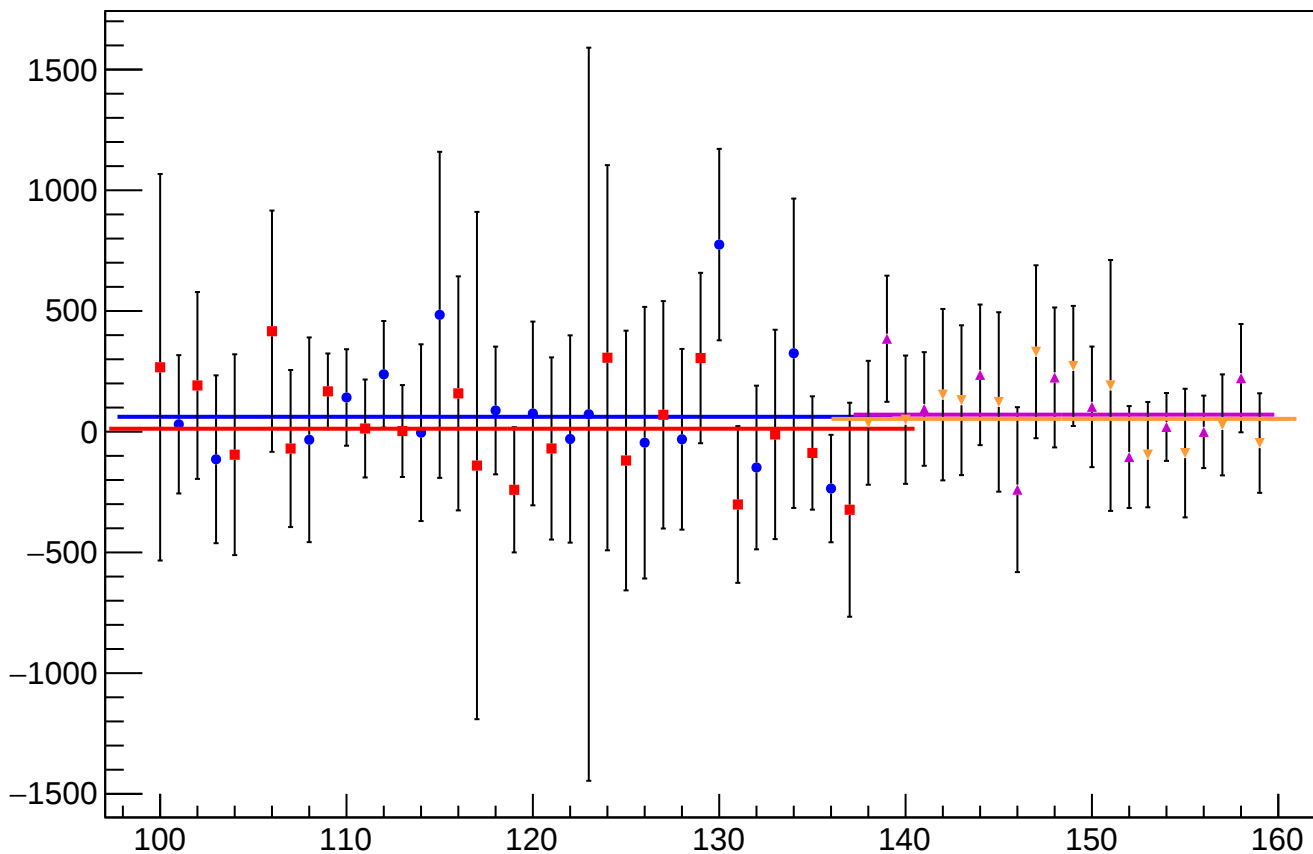
Left In: 178.908 +/- 0.048 χ^2/NDF : 1357601.7/9

209.665 +/- 0.040 χ^2/NDF : 2093555.9/28

190.685 +/- 0.026 χ^2/NDF : 5434934.3/58

176.222 +/- 0.035 χ^2/NDF : 2935540.2/29

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 61.814+/-79.986 χ^2/NDF : 7.3/16

Left Out: 53.185+/-78.075 χ^2/NDF : 2.6/11

Right Out: 12.417+/-70.233 χ^2/NDF : 5.8/19

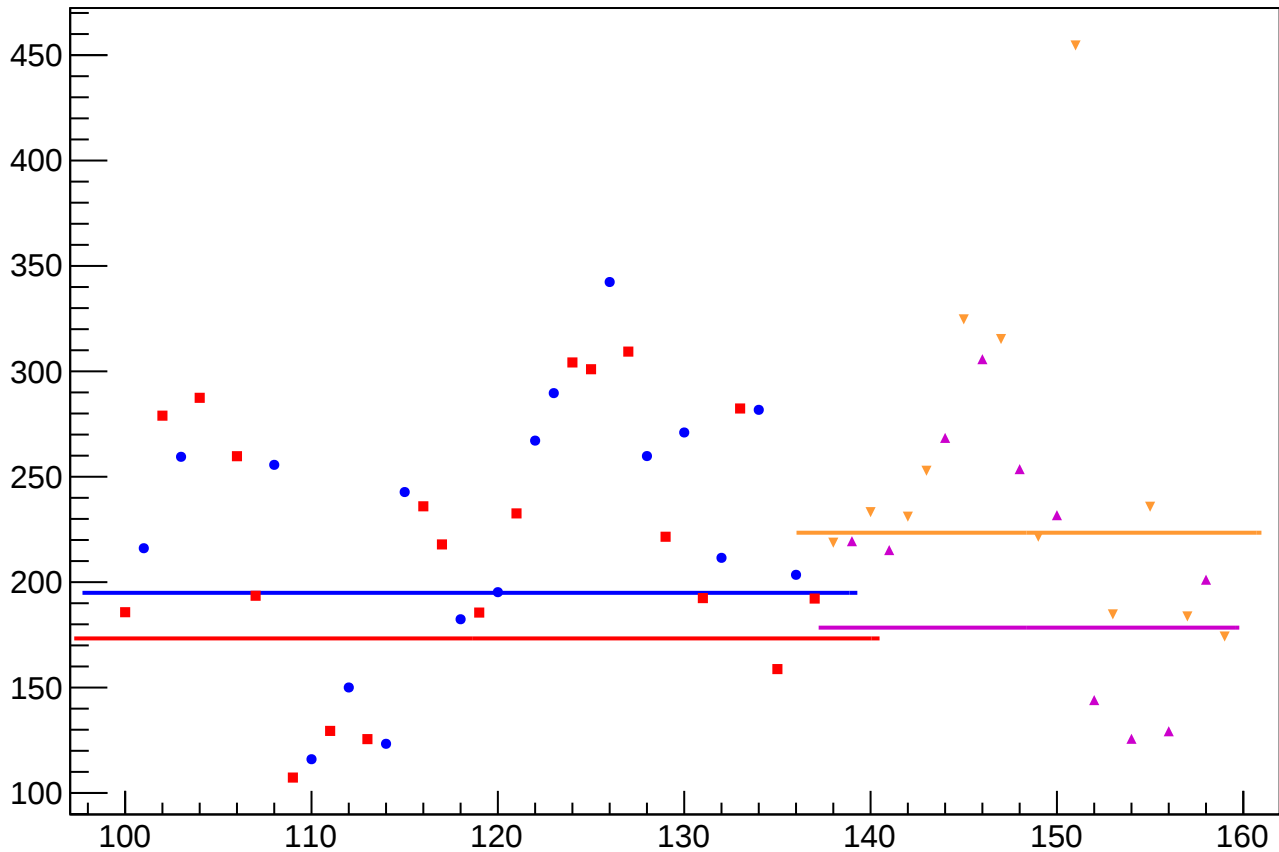
Left In: 70.636+/-67.671 χ^2/NDF : 4.4/9

57.395+/-55.871 χ^2/NDF : 9.9/28

48.997+/-36.725 χ^2/NDF : 20.5/58

42.608+/-48.731 χ^2/NDF : 10.5/29

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 194.939 +/- 0.057 χ^2/NDF : 986629.1/16

Left Out: 223.453 +/- 0.055 χ^2/NDF : 951386.5/11

Right Out: 173.309 +/- 0.050 χ^2/NDF : 1548342.3/19

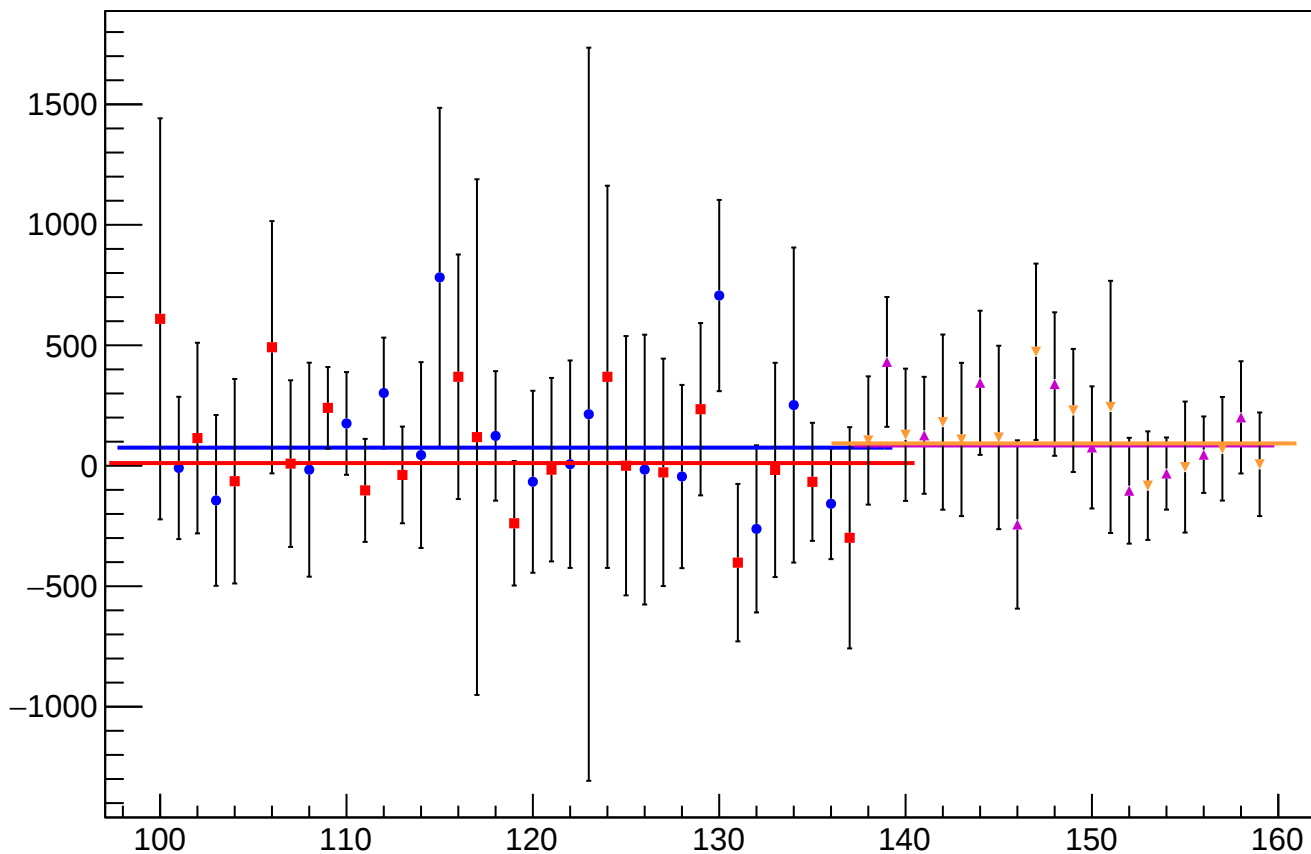
Left In: 178.423 +/- 0.048 χ^2/NDF : 1362632.1/9

209.541 +/- 0.040 χ^2/NDF : 2068175.1/28

190.470 +/- 0.026 χ^2/NDF : 5394966.2/58

175.961 +/- 0.034 χ^2/NDF : 2916473.1/29

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 75.207 $\pm$ 82.504 χ^2 /NDF: 7.6/16

Left Out: 92.756 $\pm$ 80.391 χ^2 /NDF: 2.4/11

Right Out: 11.180 $\pm$ 73.166 χ^2 /NDF: 7.8/19

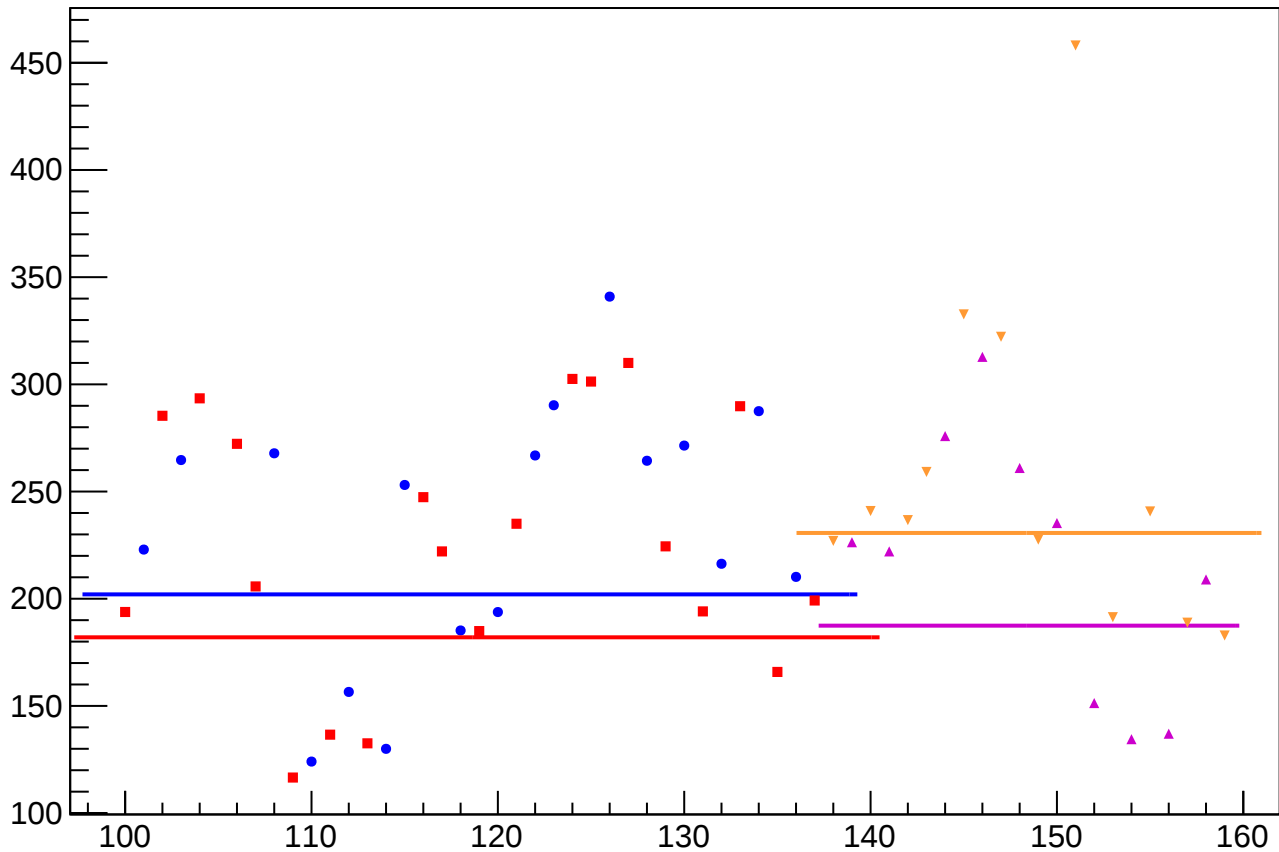
Left In: 84.234 $\pm$ 70.632 χ^2 /NDF: 5.7/9

84.209 $\pm$ 57.578 χ^2 /NDF: 10.1/28

64.414 $\pm$ 38.100 χ^2 /NDF: 24.4/58

48.994 $\pm$ 50.816 χ^2 /NDF: 14.1/29

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 202.029 $\pm$ 0.058 χ^2 /NDF: 881608.7/16

Left Out: 230.685 $\pm$ 0.057 χ^2 /NDF: 904664.6/11

Right Out: 182.000 $\pm$ 0.052 χ^2 /NDF: 1380354.3/19

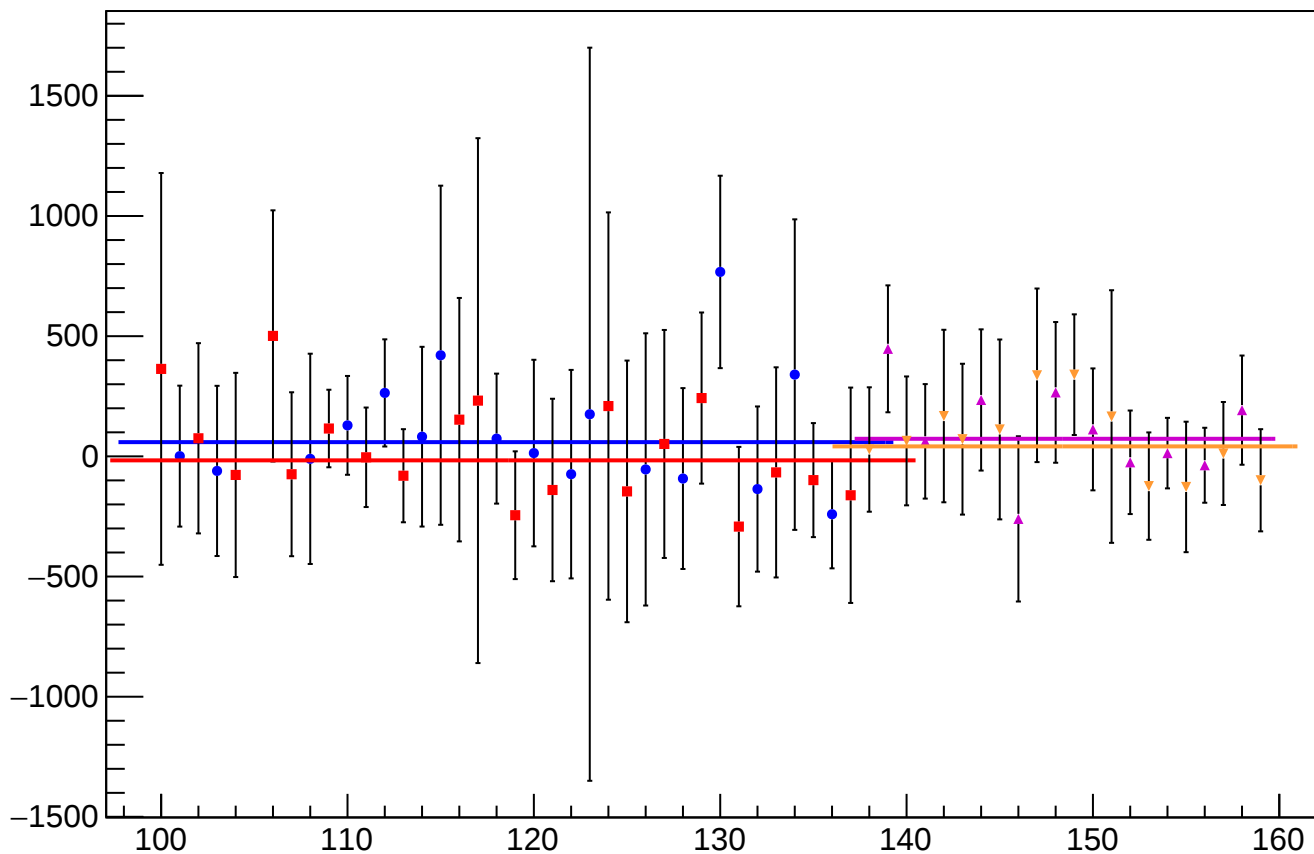
Left In: 187.439 $\pm$ 0.050 χ^2 /NDF: 1231367.2/9

216.729 $\pm$ 0.041 χ^2 /NDF: 1910035.3/28

198.789 $\pm$ 0.027 χ^2 /NDF: 4872872.6/58

184.815 $\pm$ 0.036 χ^2 /NDF: 2617442.9/29

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 59.175 $\pm$ 81.417 χ^2 /NDF: 7.1/16

Left Out: 41.484 $\pm$ 79.403 χ^2 /NDF: 3.7/11

Right Out: -16.650 $\pm$ 71.745 χ^2 /NDF: 4.7/19

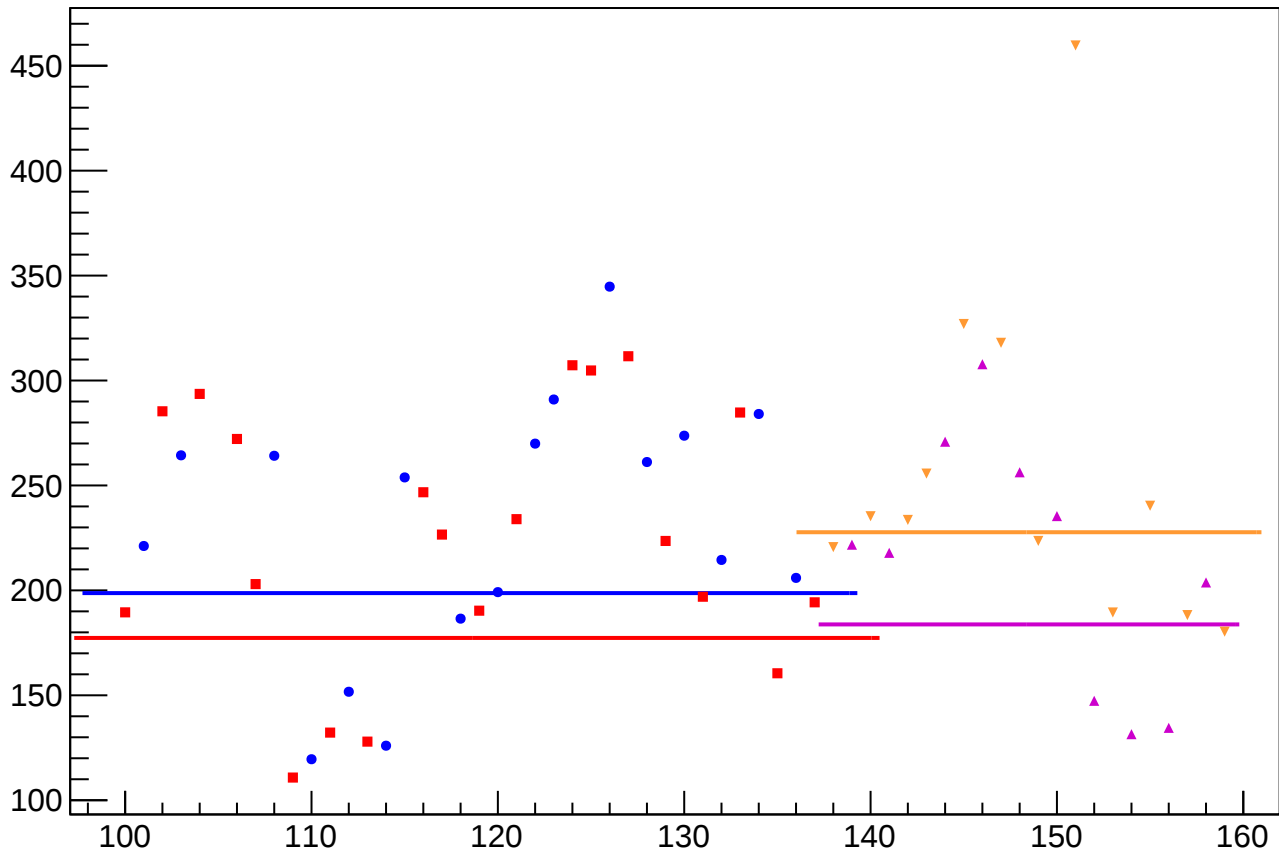
Left In: 73.097 $\pm$ 69.380 χ^2 /NDF: 4.9/9

50.108 $\pm$ 56.845 χ^2 /NDF: 10.9/28

38.592 $\pm$ 37.490 χ^2 /NDF: 21.3/58

29.727 $\pm$ 49.874 χ^2 /NDF: 10.4/29

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 198.704 +/- 0.058 χ^2/NDF : 963394.4/16

Left Out: 227.708 +/- 0.056 χ^2/NDF : 905623.3/11

Right Out: 177.338 +/- 0.051 χ^2/NDF : 1528976.8/19

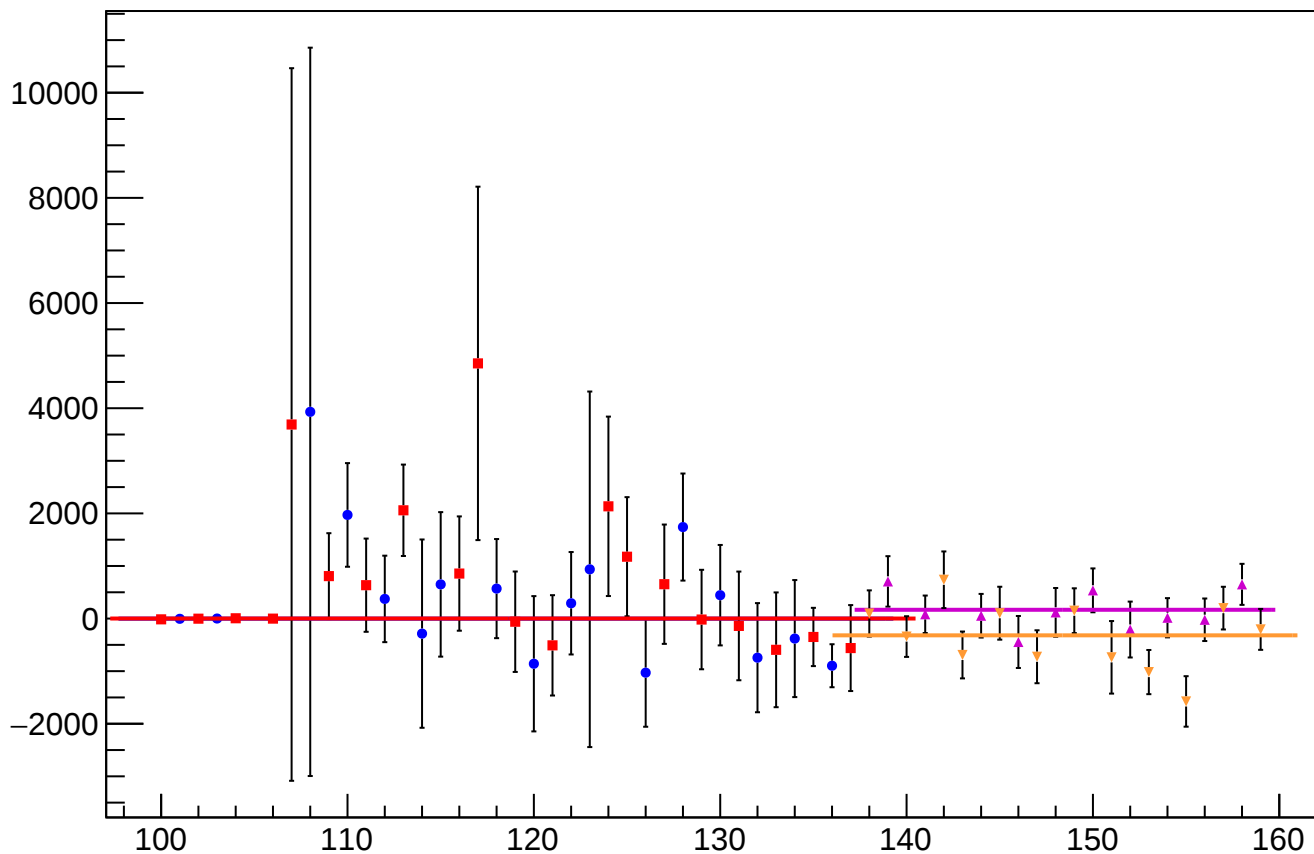
Left In: 183.781 +/- 0.049 χ^2/NDF : 1250303.1/9

213.569 +/- 0.040 χ^2/NDF : 1999108.5/28

194.978 +/- 0.027 χ^2/NDF : 5165306.8/58

180.667 +/- 0.035 χ^2/NDF : 2787612.7/29

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.529 ± 2.251 χ^2/NDF : 16.6/16

Left Out: -318.849 ± 130.679 χ^2/NDF : 19.7/11

Right Out: 0.733 ± 2.111 χ^2/NDF : 20.5/19

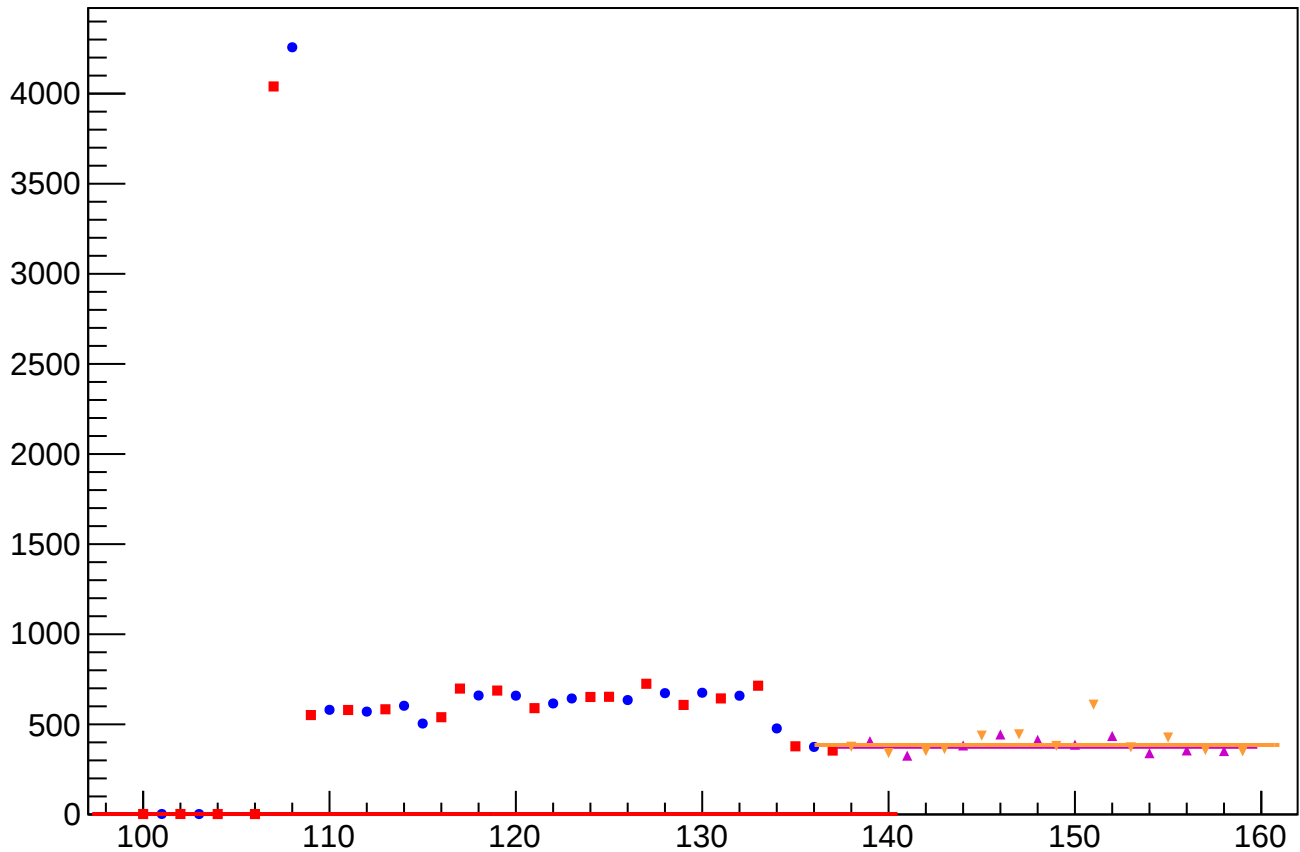
Left In: 167.059 ± 133.696 χ^2/NDF : 6.1/9

-1.623 ± 2.251 χ^2/NDF : 42.3/28

-0.347 ± 1.540 χ^2/NDF : 71.0/58

0.775 ± 2.111 χ^2/NDF : 28.2/29

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.456+/-0.002 χ^2/NDF : 10706347.4/16

Left Out: 385.516+/-0.092 χ^2/NDF : 343325.8/11

Right Out: 2.437+/-0.001 χ^2/NDF : 11225999.1/19

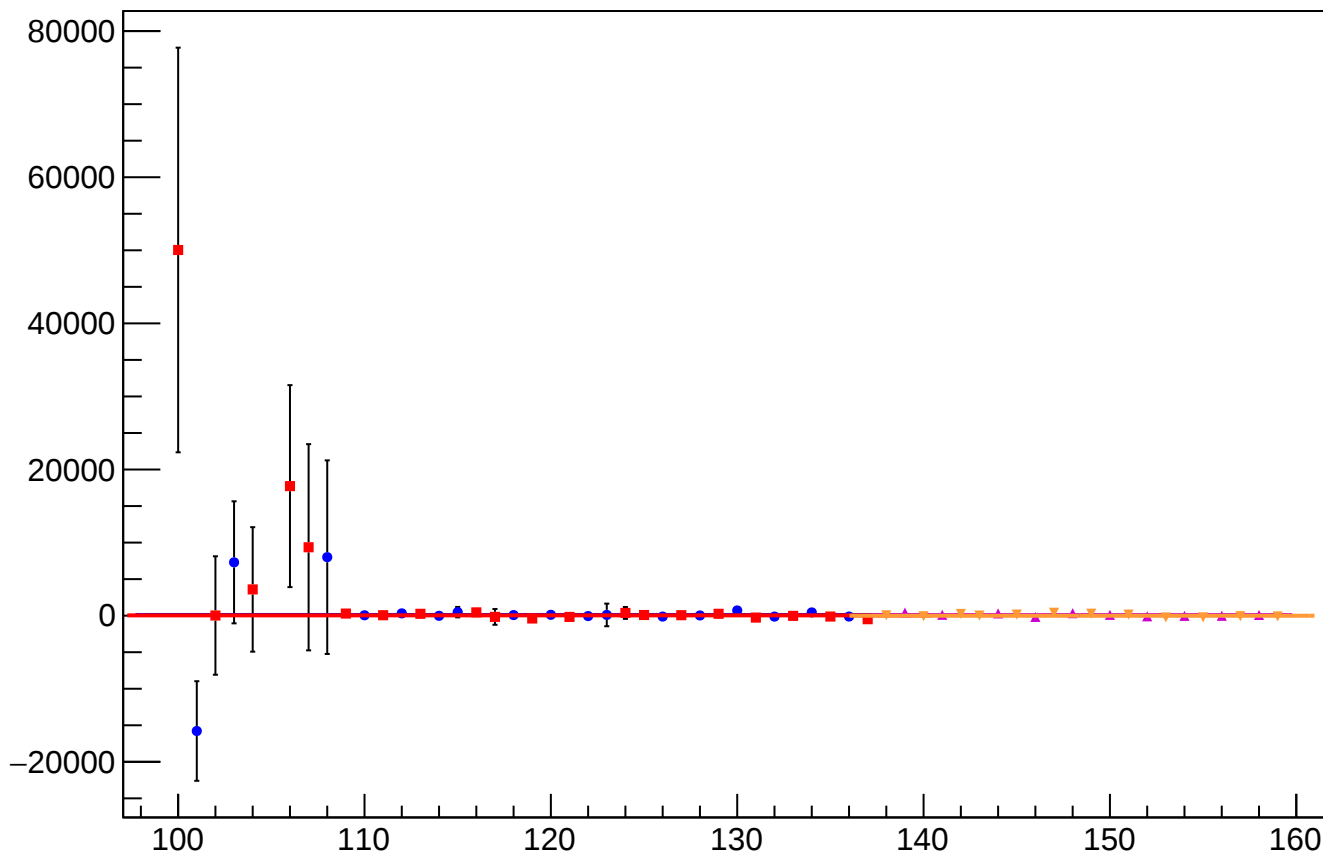
Left In: 375.455+/-0.095 χ^2/NDF : 157092.4/9

2.570+/-0.002 χ^2/NDF : 28229688.5/28

2.549+/-0.001 χ^2/NDF : 55177929.5/58

2.530+/-0.001 χ^2/NDF : 26947907.1/29

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 95.353+/-91.708 χ^2/NDF : 12.0/16

Left Out: -7.768+/-85.167 χ^2/NDF : 4.7/11

Right Out: 41.335+/-84.288 χ^2/NDF : 14.0/19

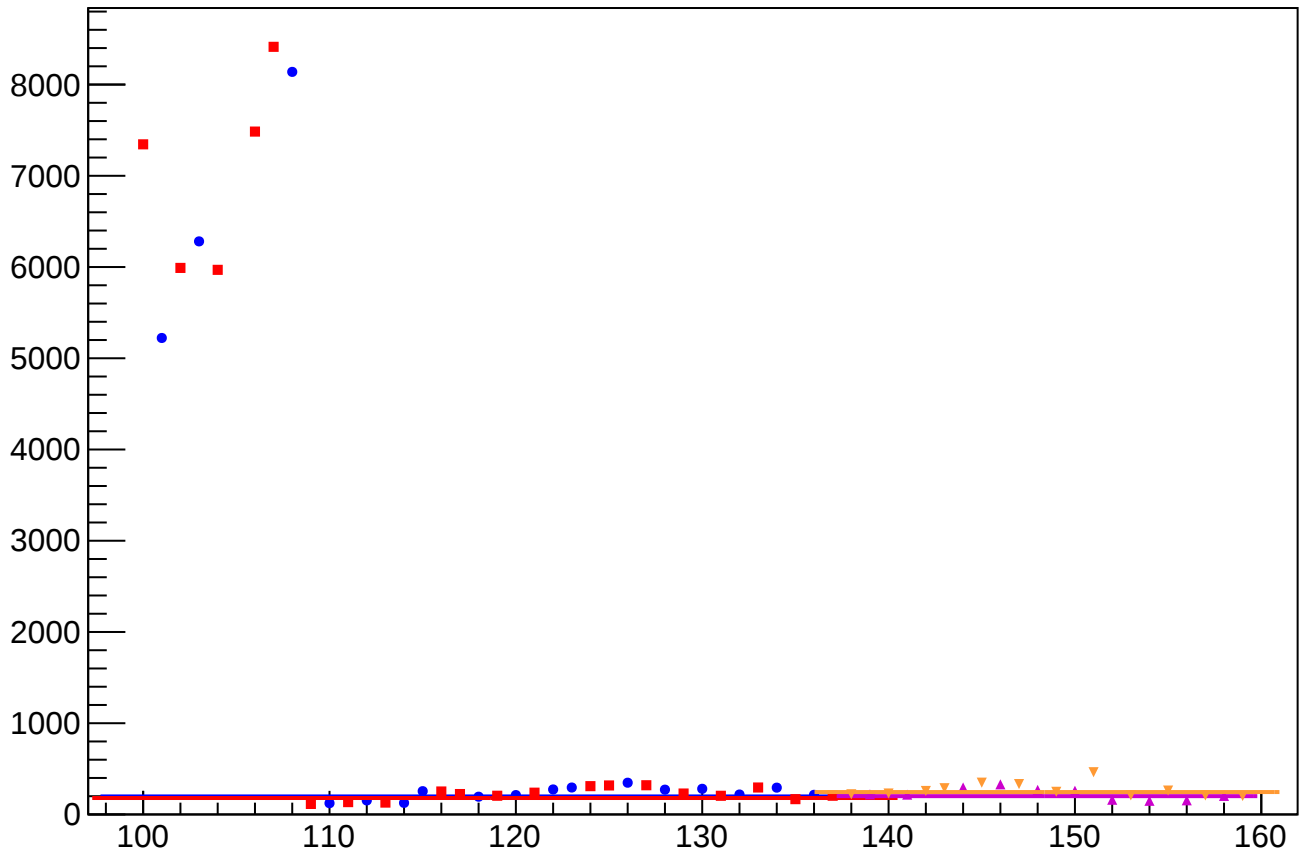
Left In: 78.508+/-74.942 χ^2/NDF : 4.6/9

39.984+/-62.406 χ^2/NDF : 17.3/28

52.232+/-41.682 χ^2/NDF : 36.2/58

62.096+/-56.006 χ^2/NDF : 18.8/29

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 197.422 $\pm$ 0.065 χ^2 /NDF: 3695848.3/16

Left Out: 245.618 $\pm$ 0.060 χ^2 /NDF: 807442.6/11

Right Out: 180.250 $\pm$ 0.060 χ^2 /NDF: 4324682.8/19

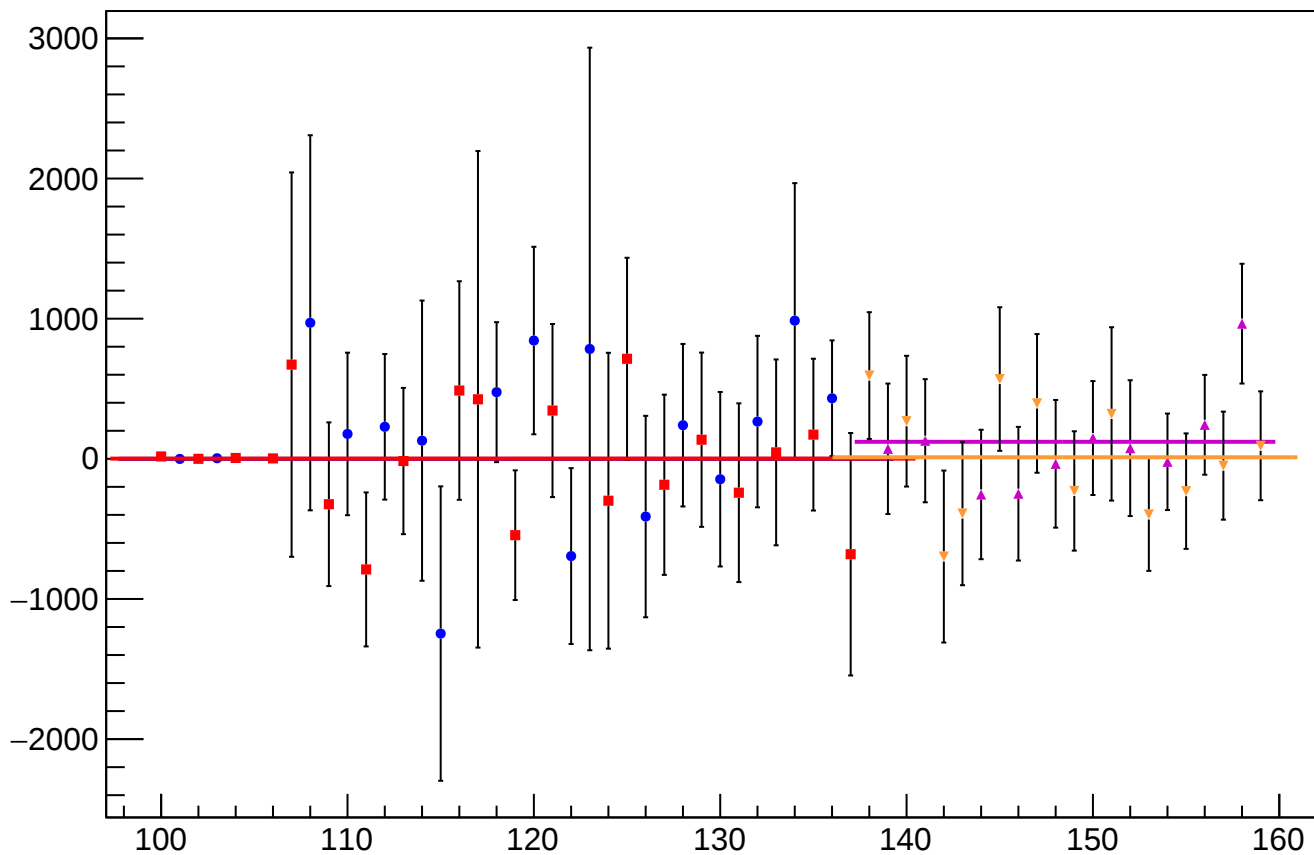
Left In: 200.693 $\pm$ 0.053 χ^2 /NDF: 1007506.8/9

223.300 $\pm$ 0.044 χ^2 /NDF: 4799879.3/28

205.779 $\pm$ 0.029 χ^2 /NDF: 10482389.8/58

191.667 $\pm$ 0.040 χ^2 /NDF: 5397893.4/29

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.139 $\pm$ 1.737 χ^2/NDF : 9.8/16

Left Out: 11.049 $\pm$ 131.977 χ^2/NDF : 7.7/11

Right Out: 1.324 $\pm$ 1.623 χ^2/NDF : 9.6/19

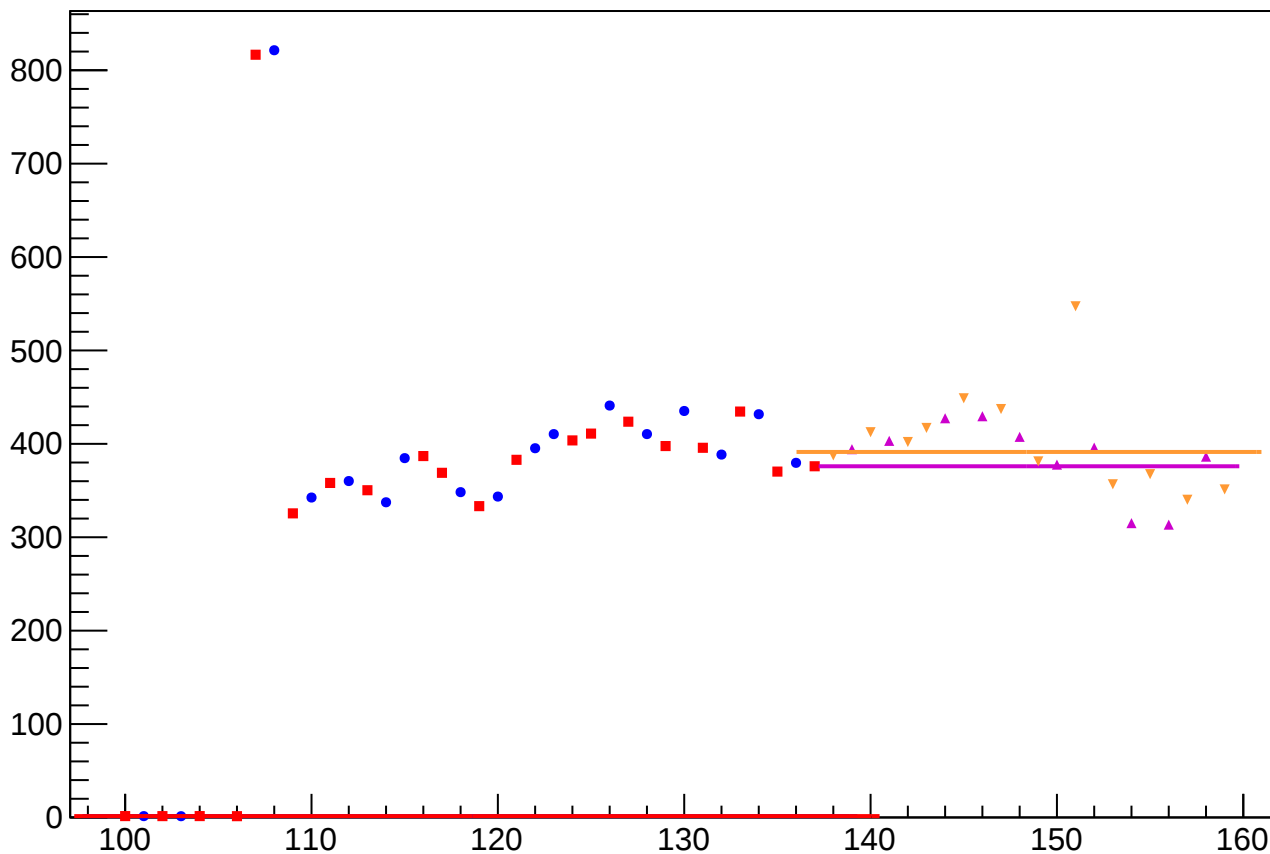
Left In: 121.429 $\pm$ 133.851 χ^2/NDF : 5.6/9

-0.137 $\pm$ 1.736 χ^2/NDF : 17.5/28

0.652 $\pm$ 1.185 χ^2/NDF : 33.8/58

1.342 $\pm$ 1.622 χ^2/NDF : 16.0/29

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.452+/-0.001 χ^2/NDF : 10815892.9/16

Left Out: 391.325+/-0.093 χ^2/NDF : 258642.8/11

Right Out: 1.451+/-0.001 χ^2/NDF : 10959647.1/19

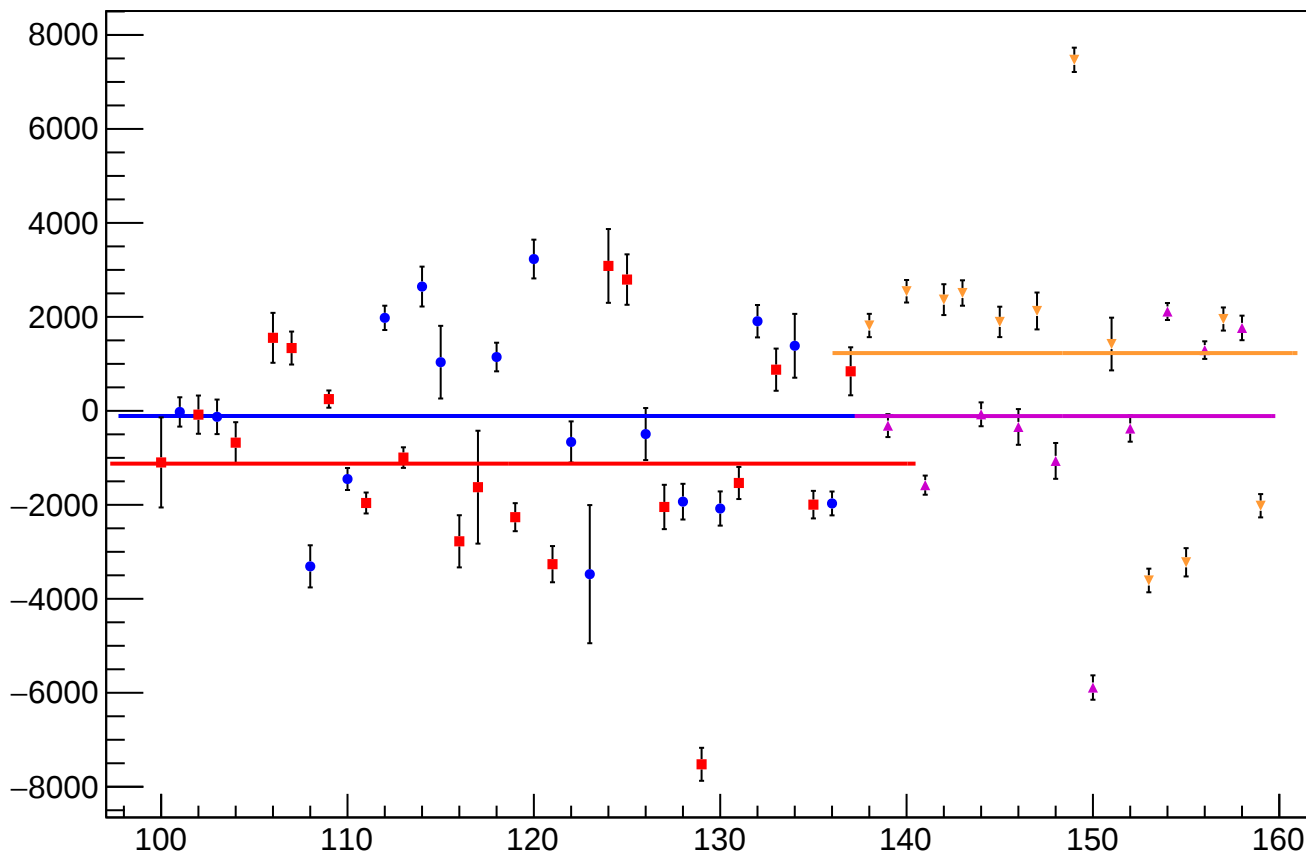
Left In: 375.995+/-0.095 χ^2/NDF : 199105.8/9

1.520+/-0.001 χ^2/NDF : 28524966.6/28

1.513+/-0.001 χ^2/NDF : 55341430.5/58

1.506+/-0.001 χ^2/NDF : 26816401.0/29

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: -109.225+/-87.961 χ^2/NDF : 428.3/16

Left Out: 1229.693+/-81.548 χ^2/NDF :1430.7/11

Right Out: -1123.337+/-78.230 χ^2/NDF : 670.2/19

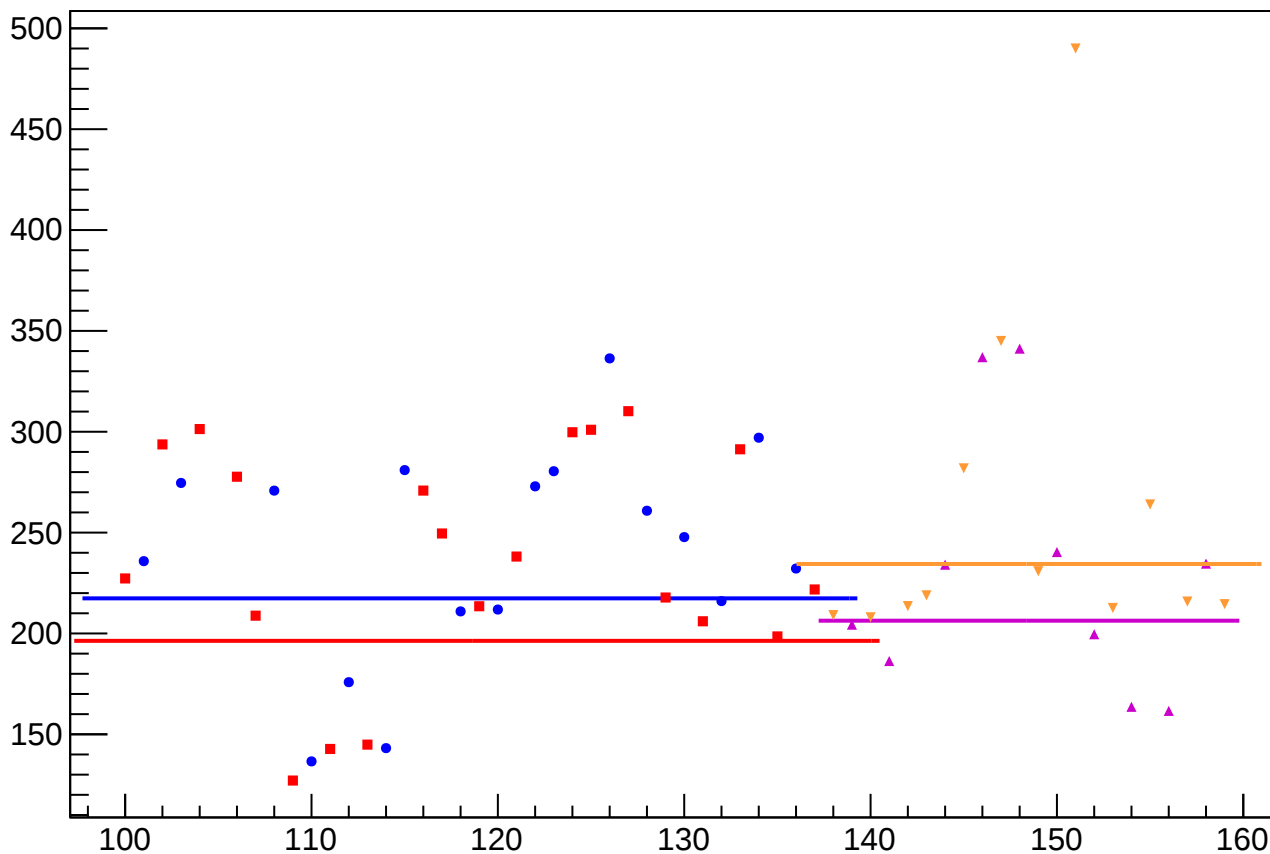
Left In: -110.859+/-76.353 χ^2/NDF :815.6/9

610.821+/-59.802 χ^2/NDF : 1983.6/28

-51.702+/-40.338 χ^2/NDF : 3780.5/58

-604.808+/-54.641 χ^2/NDF : 1571.6/29

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 217.403 +/- 0.062 χ^2/NDF : 652632.9/16

Left Out: 234.445 +/- 0.058 χ^2/NDF : 735628.7/11

Right Out: 196.339 +/- 0.055 χ^2/NDF : 1194805.7/19

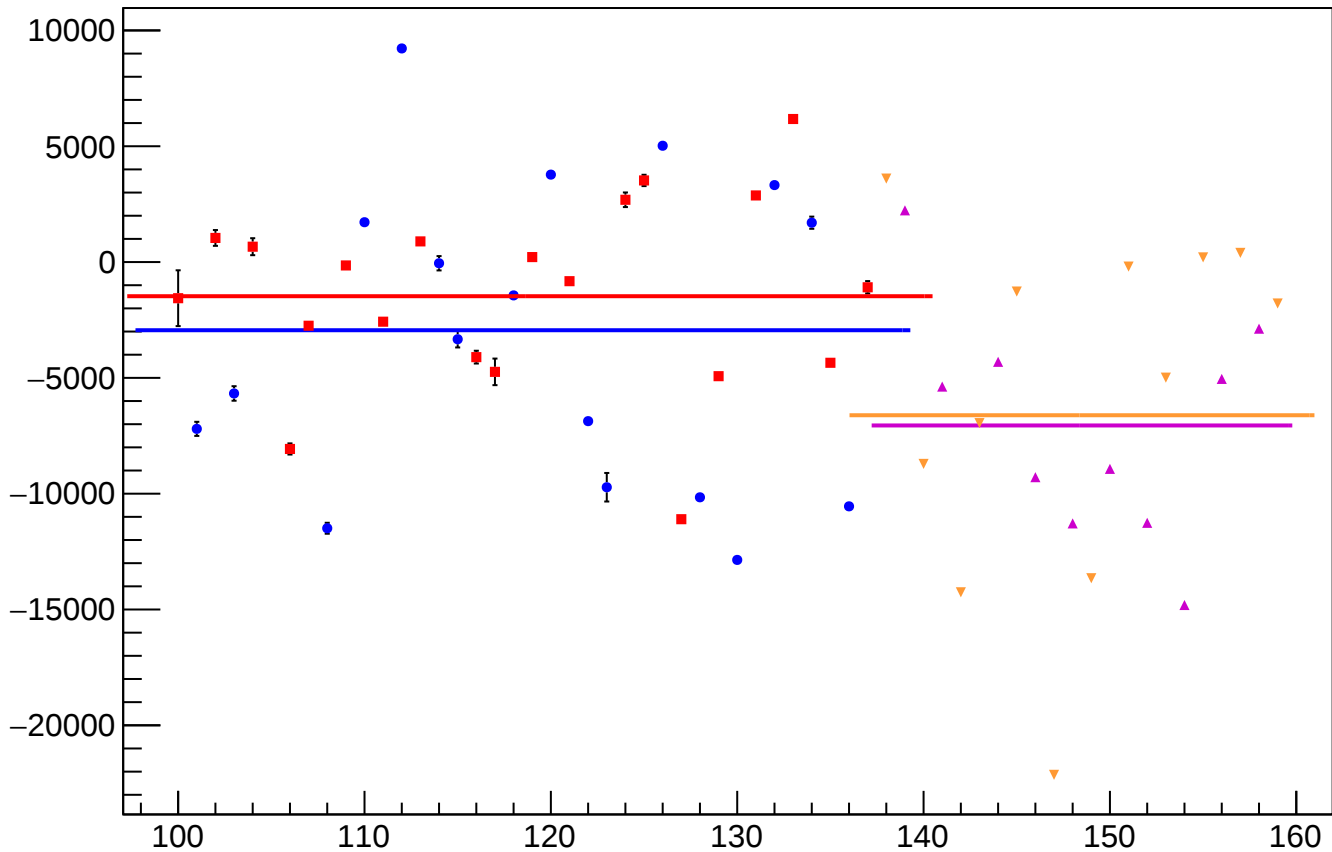
Left In: 206.329 +/- 0.054 χ^2/NDF : 813957.0/9

226.568 +/- 0.042 χ^2/NDF : 1428636.1/28

212.881 +/- 0.029 χ^2/NDF : 3646315.4/58

201.455 +/- 0.039 χ^2/NDF : 2025466.9/29

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -2943.123+/-48.612 χ^2/NDF : 20909.8/16

Left Out: -6613.344+/-42.576 χ^2/NDF : 32436.3/11

Right Out: -1474.497+/-46.252 χ^2/NDF : 8028.6/19

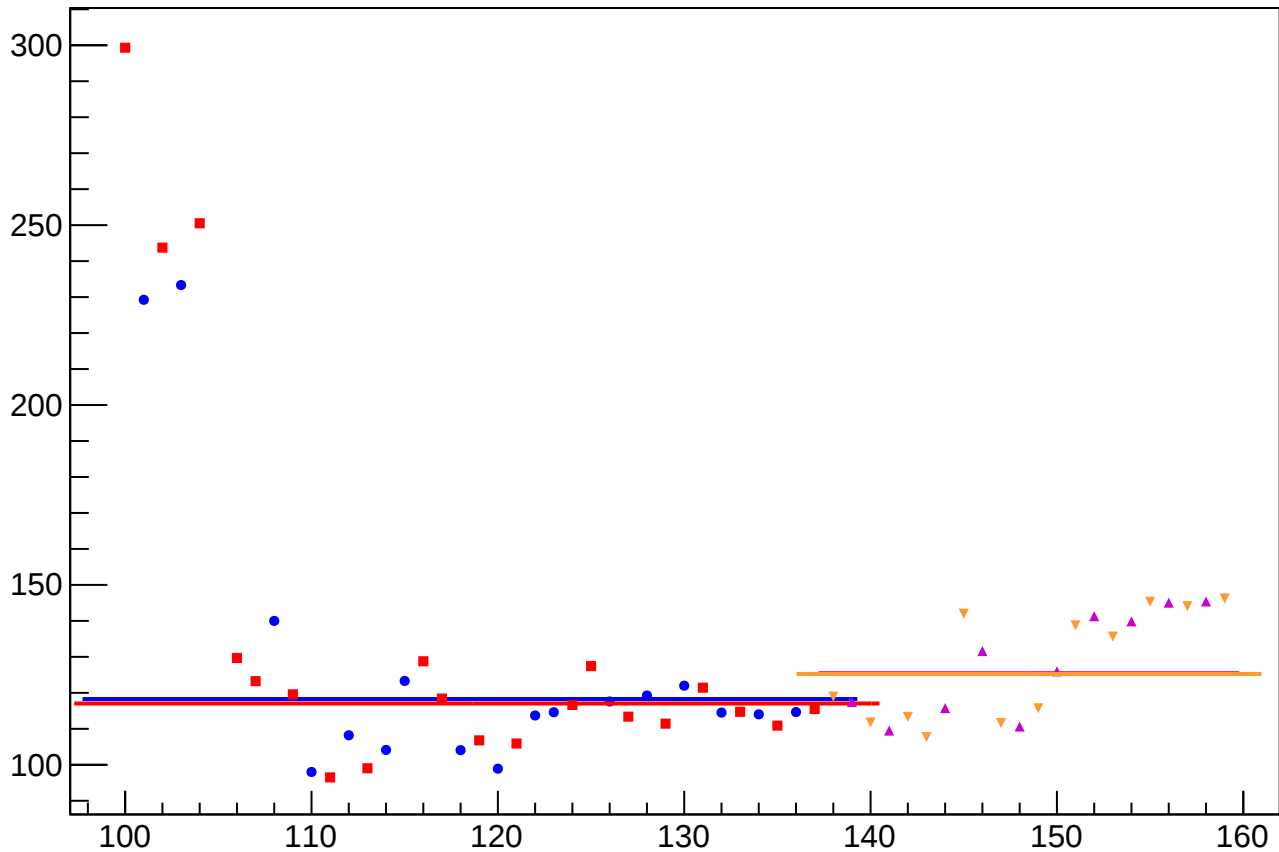
Left In: -7054.404+/-44.613 χ^2/NDF : 10588.1/9

-5020.142+/-32.028 χ^2/NDF : 56572.0/28

-4693.439+/-22.676 χ^2/NDF : 82936.8/58

-4365.062+/-32.110 χ^2/NDF : 26156.2/29

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 118.286 $\pm$ 0.034 χ^2 /NDF: 636918.0/16

Left Out: 125.232 $\pm$ 0.030 χ^2 /NDF: 237695.1/11

Right Out: 117.040 $\pm$ 0.033 χ^2 /NDF: 690873.1/19

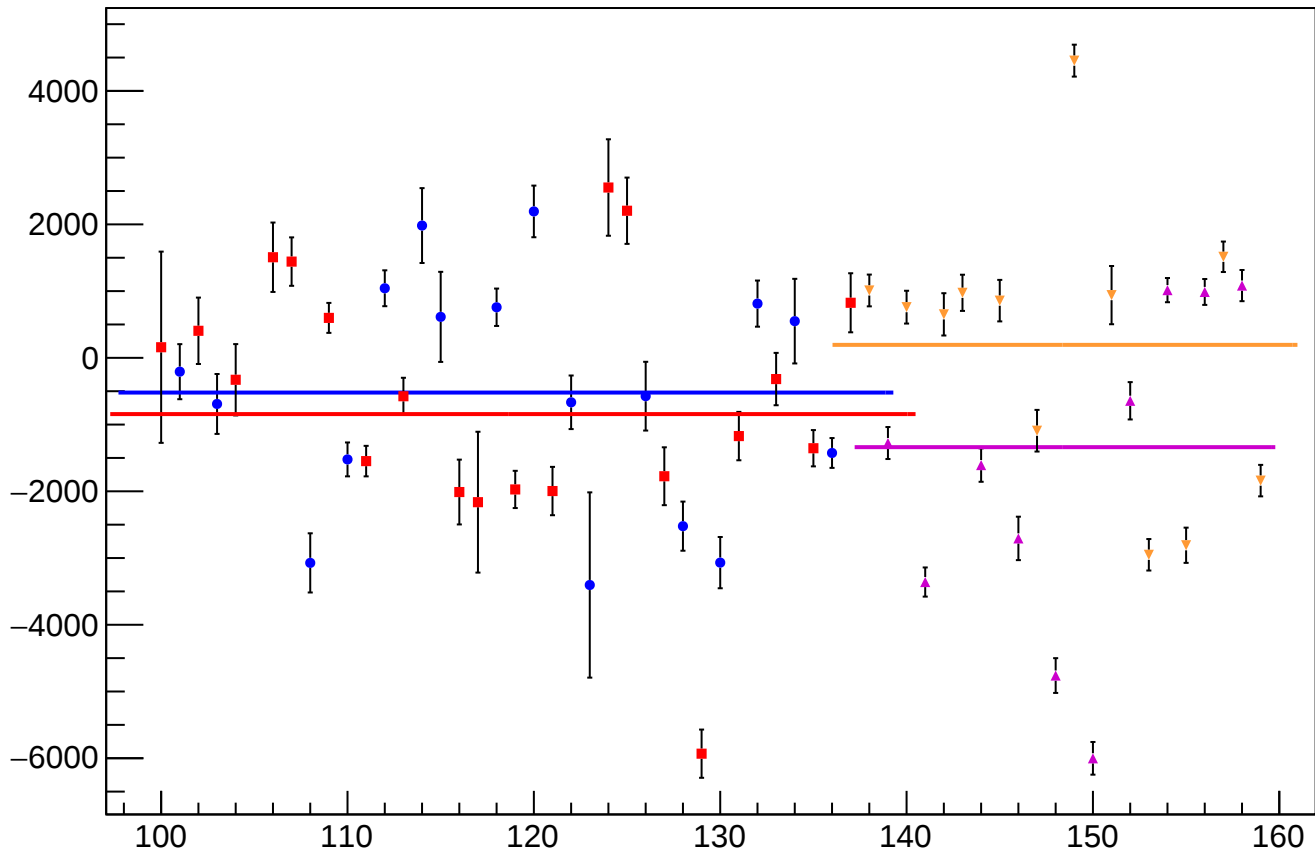
Left In: 125.460 $\pm$ 0.032 χ^2 /NDF: 181330.2/9

122.217 $\pm$ 0.023 χ^2 /NDF: 897725.9/28

121.810 $\pm$ 0.016 χ^2 /NDF: 1804903.2/58

121.402 $\pm$ 0.023 χ^2 /NDF: 906531.5/29

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -520.267 $\pm$ 89.241 χ^2 /NDF: 288.1/16

Left Out: 194.529 $\pm$ 76.567 χ^2 /NDF: 783.6/11

Right Out: -842.858 $\pm$ 82.024 χ^2 /NDF: 436.3/19

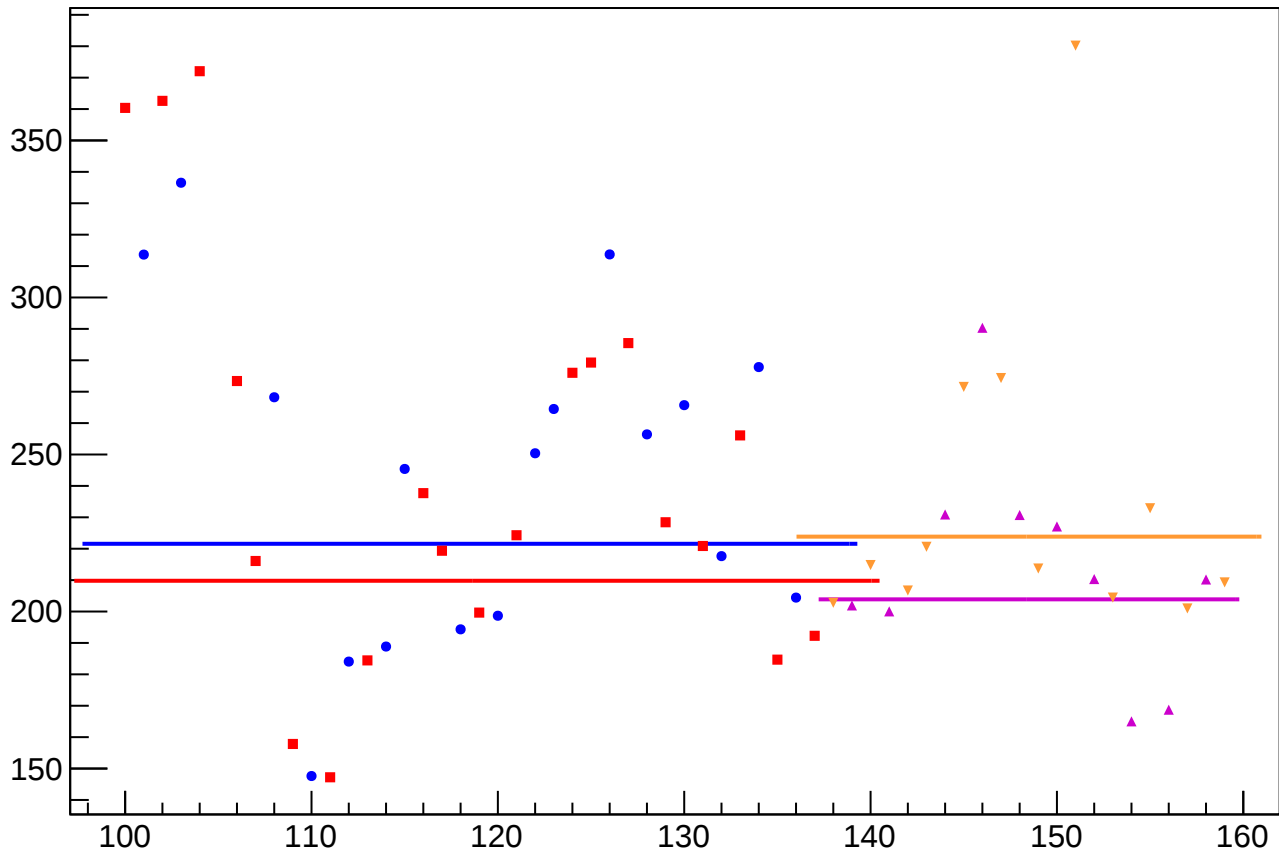
Left In: -1338.385 $\pm$ 73.873 χ^2 /NDF: 1065.1/9

-108.549 $\pm$ 58.110 χ^2 /NDF: 1108.7/28

-641.178 $\pm$ 39.904 χ^2 /NDF: 2789.2/58

-1116.459 $\pm$ 54.893 χ^2 /NDF: 1521.5/29

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 221.570 +/- 0.063 χ^2/NDF : 644941.4/16

Left Out: 223.847 +/- 0.054 χ^2/NDF : 427886.1/11

Right Out: 209.794 +/- 0.058 χ^2/NDF : 884087.4/19

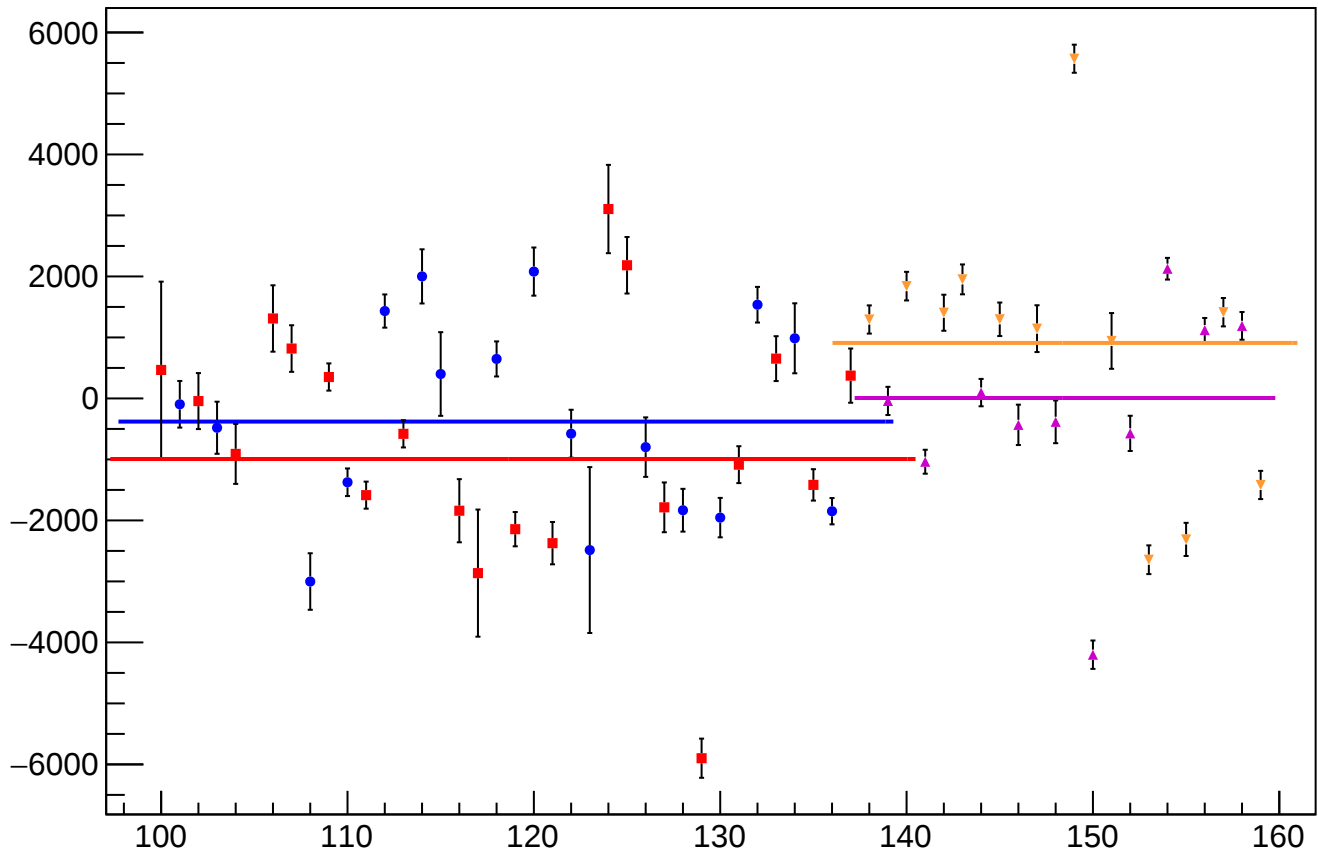
Left In: 203.878 +/- 0.052 χ^2/NDF : 364402.4/9

222.882 +/- 0.041 χ^2/NDF : 1073577.8/28

214.239 +/- 0.028 χ^2/NDF : 2411526.6/58

206.527 +/- 0.039 χ^2/NDF : 1254235.4/29

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -379.647 ± 84.260 χ^2/NDF : 317.2/16

Left Out: 910.165 ± 75.096 χ^2/NDF : 925.0/11

Right Out: -992.944 ± 77.509 χ^2/NDF : 479.5/19

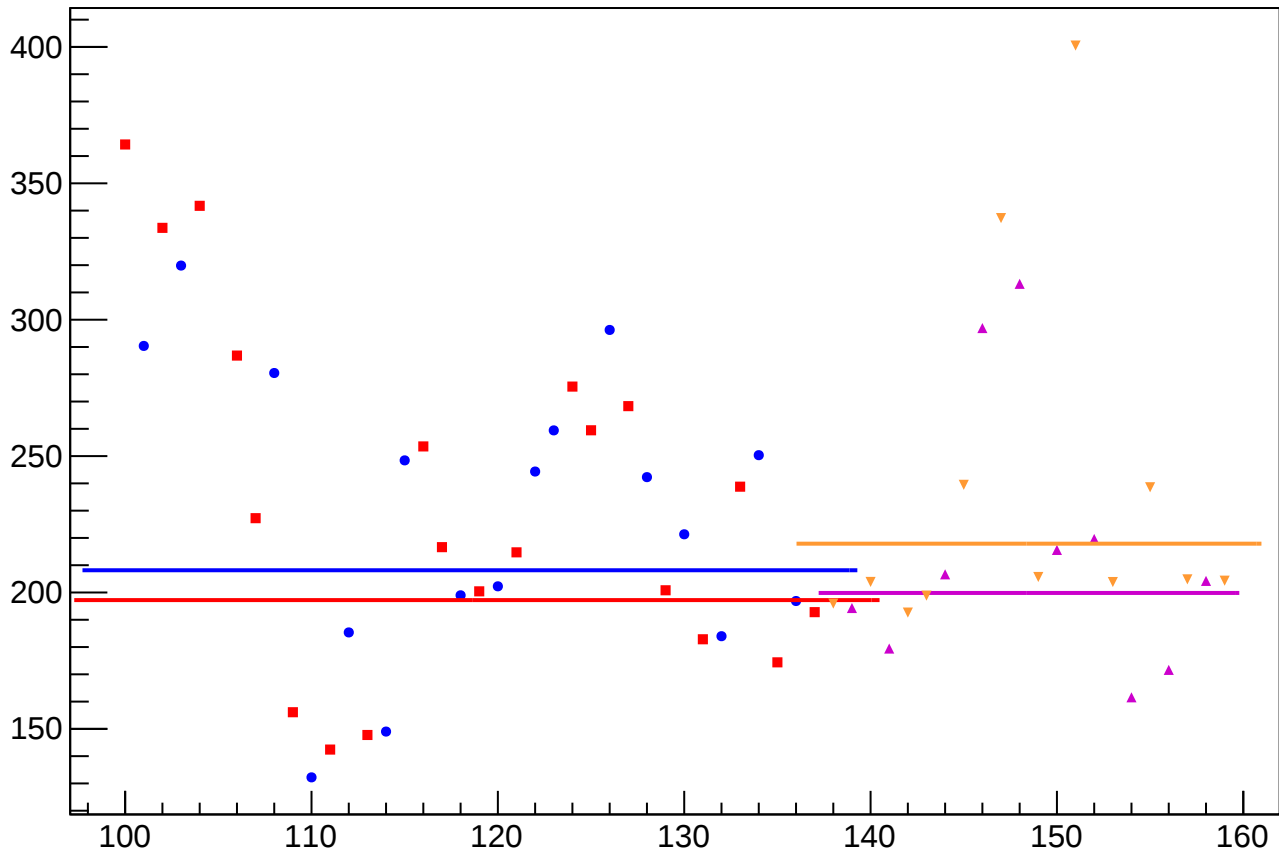
Left In: 7.121 ± 72.798 χ^2/NDF : 563.5/9

339.184 ± 56.062 χ^2/NDF : 1372.7/28

-83.192 ± 38.538 χ^2/NDF : 2611.8/58

-461.597 ± 53.063 χ^2/NDF : 1131.5/29

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 208.151+/-0.060 χ^2/NDF : 699084.2/16

Left Out: 217.896+/-0.053 χ^2/NDF : 614527.8/11

Right Out: 197.210+/-0.055 χ^2/NDF : 927165.0/19

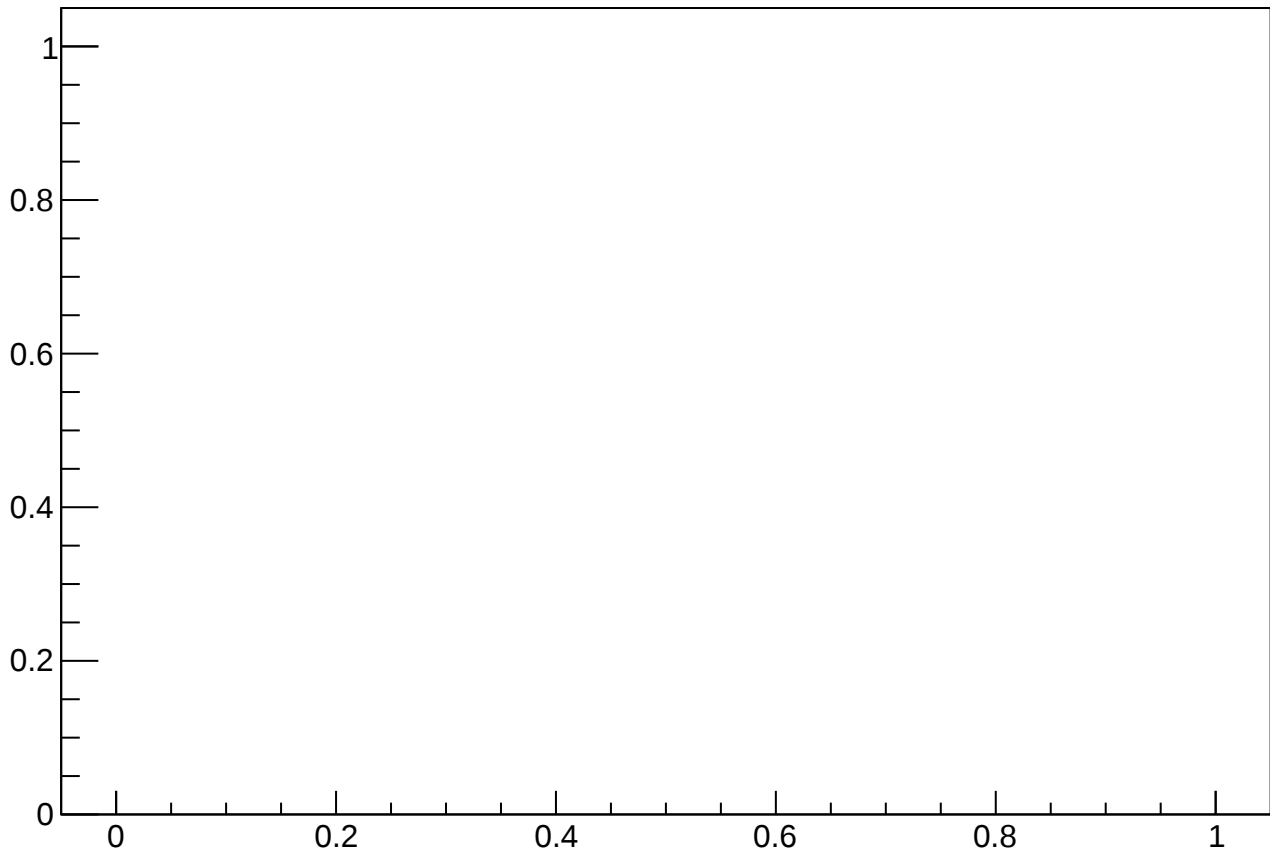
Left In: 199.831+/-0.051 χ^2/NDF : 558175.6/9

213.582+/-0.040 χ^2/NDF : 1328521.8/28

205.681+/-0.027 χ^2/NDF : 2890387.6/58

198.603+/-0.038 χ^2/NDF : 1486555.3/29

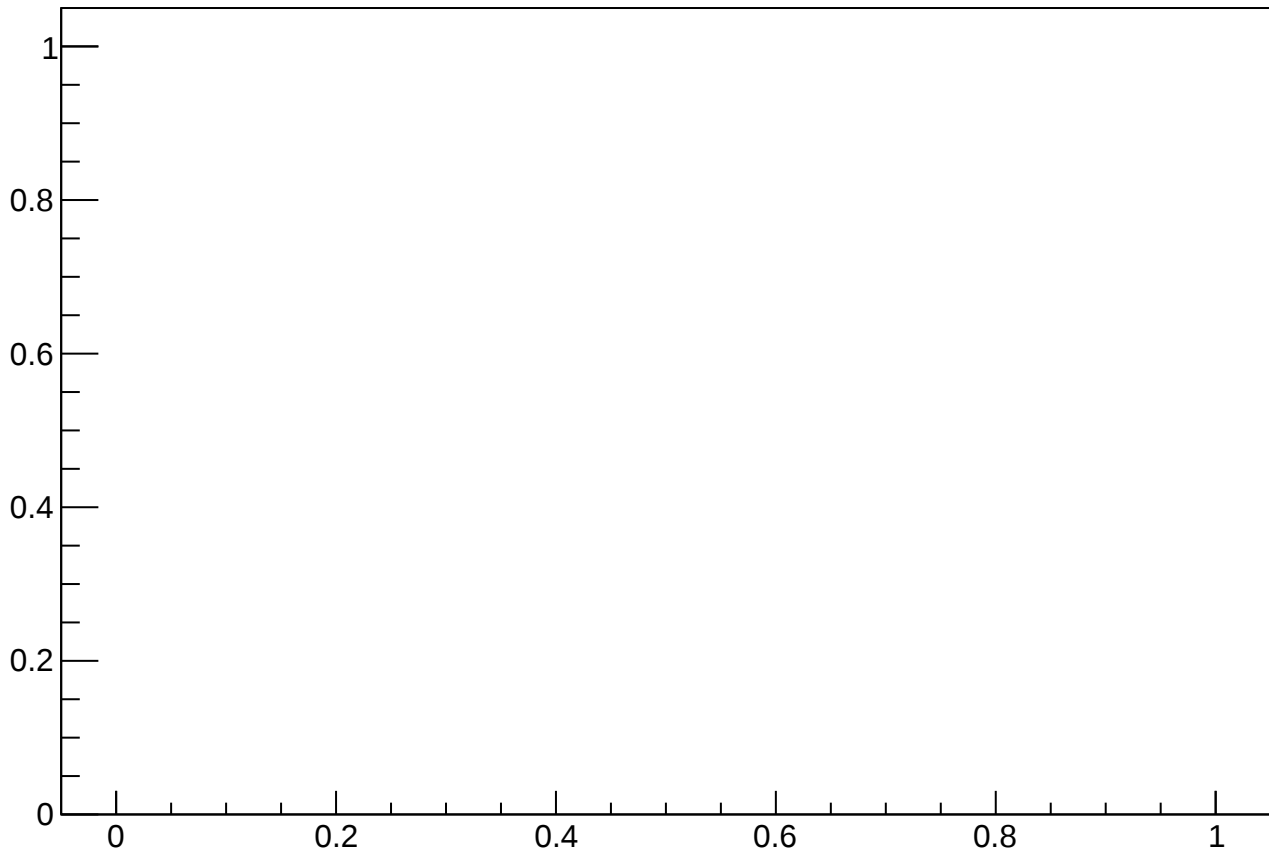
bcm_an_us_ds_dd_mean vs Slug, Sign Corrected



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

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

bcm_an_us_ds_dd_rms vs Slug, Sign Corrected



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

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

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

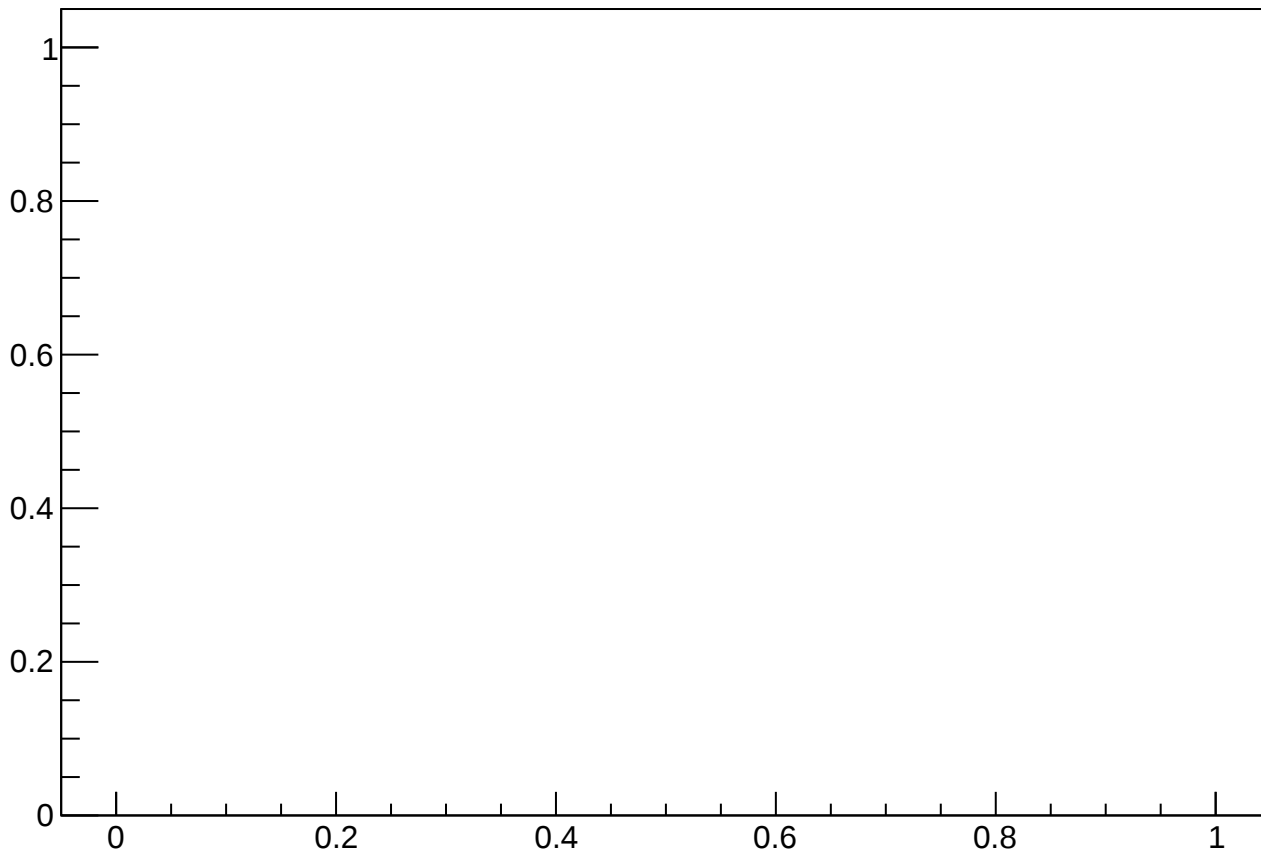
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_dg_ds_dd_mean vs Slug, Sign Corrected



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

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

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

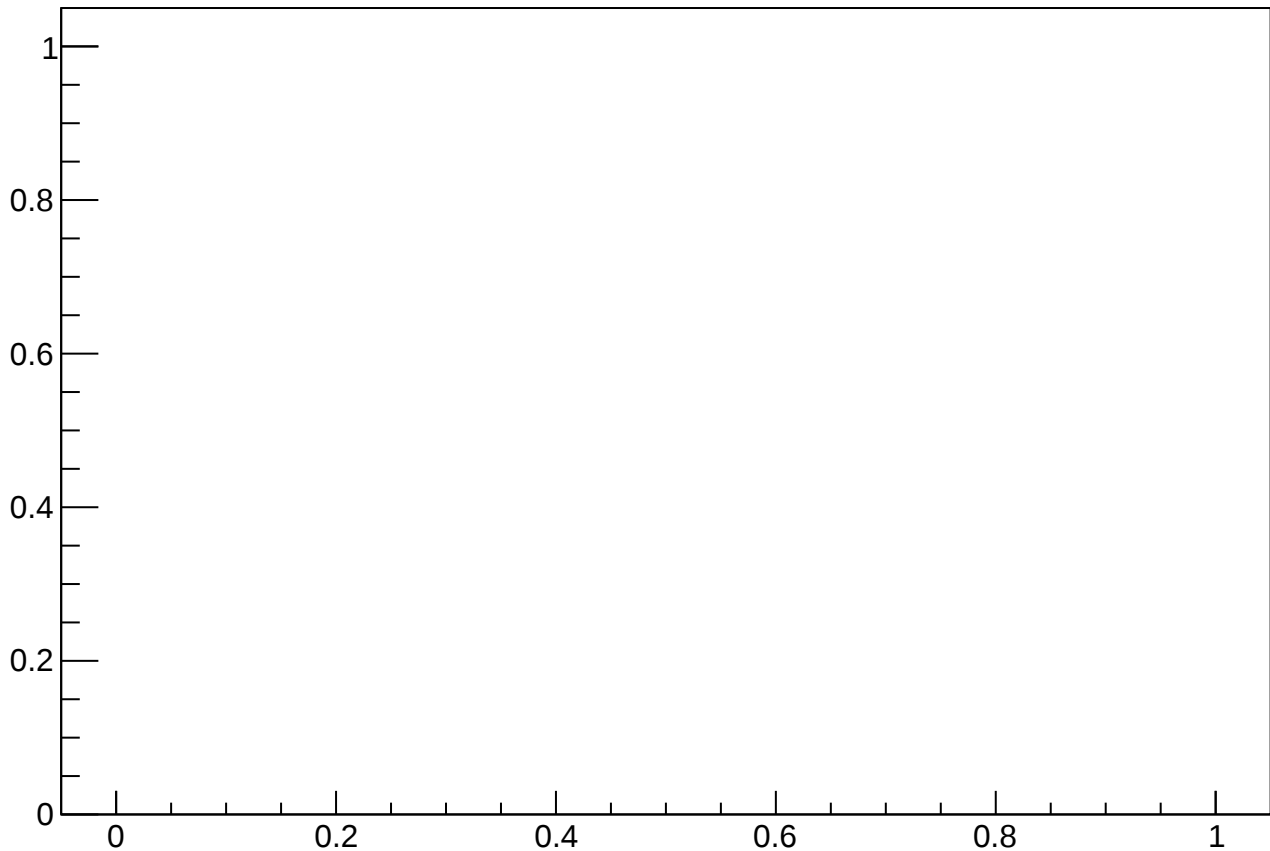
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_dg_us_dg_ds_dd_rms vs Slug, Sign Corrected



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

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

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

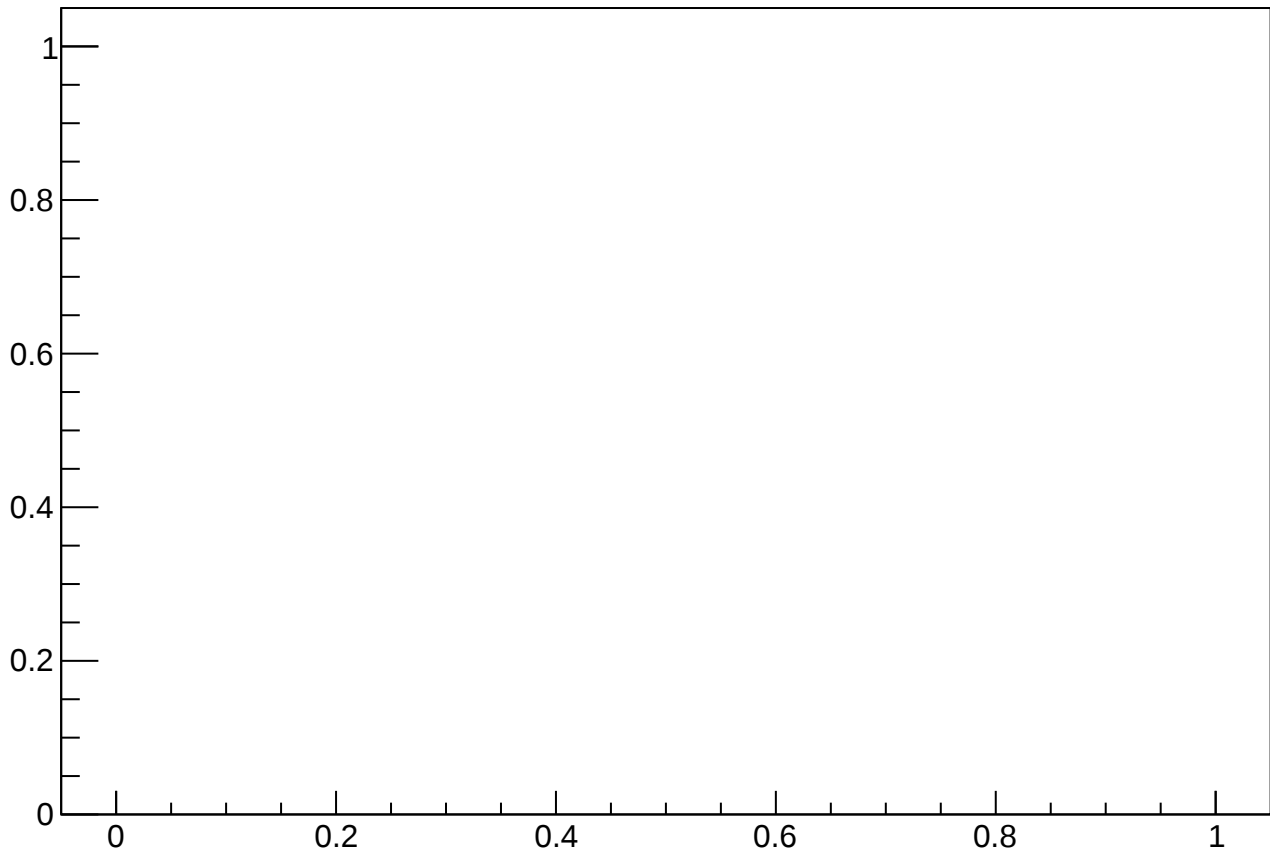
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_dg_us_ds_dd_mean vs Slug, Sign Corrected



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

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

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

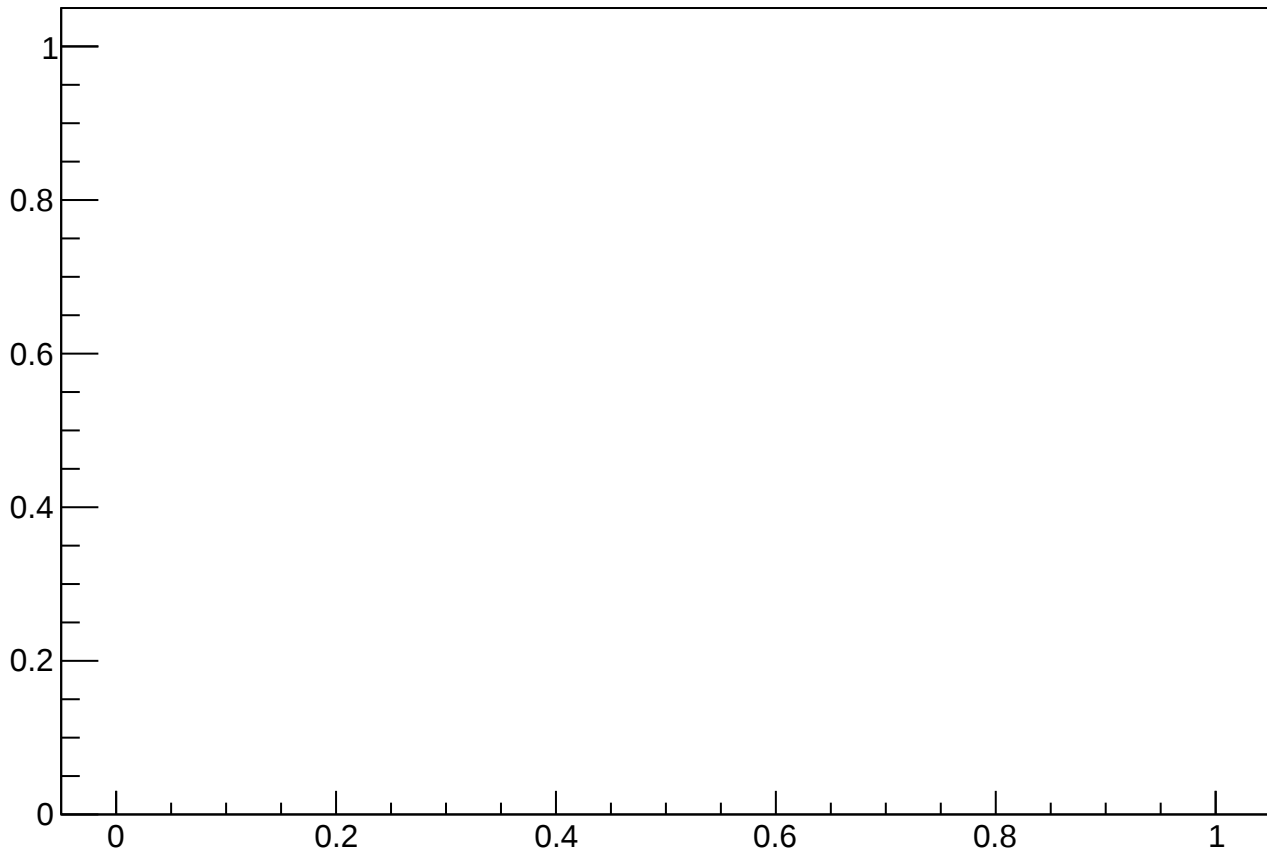
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_dd_rms vs Slug, Sign Corrected



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_dd_mean vs Slug, Sign Corrected



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

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

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

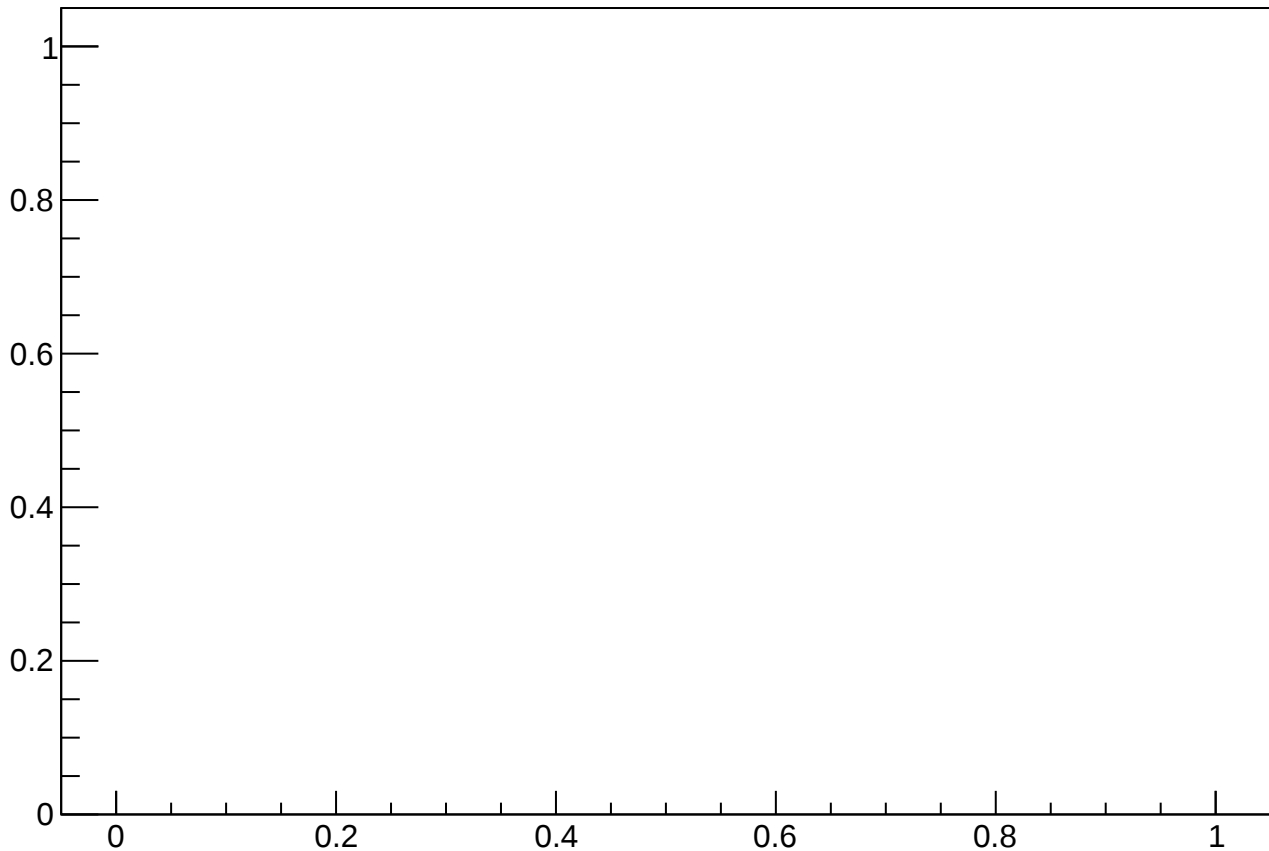
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_dg_ds_ds_dd_rms vs Slug, Sign Corrected



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

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

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

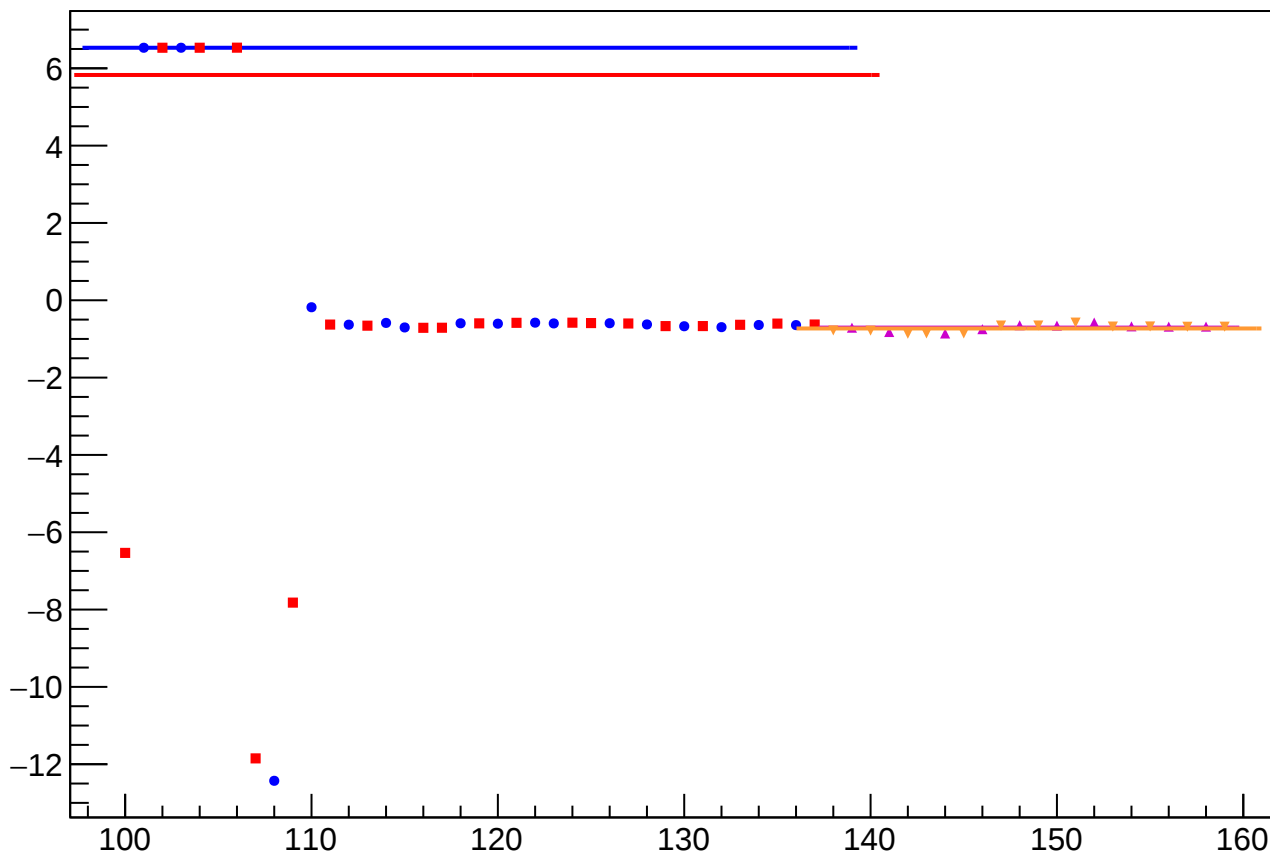
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 6.532 $\pm$ 0.000 χ^2 /NDF: 127219747629.7/16

Left Out: -0.729 $\pm$ 0.000 χ^2 /NDF: 72032866.2/11

Right Out: 5.827 $\pm$ 0.000 χ^2 /NDF: 755964092355063.0/19

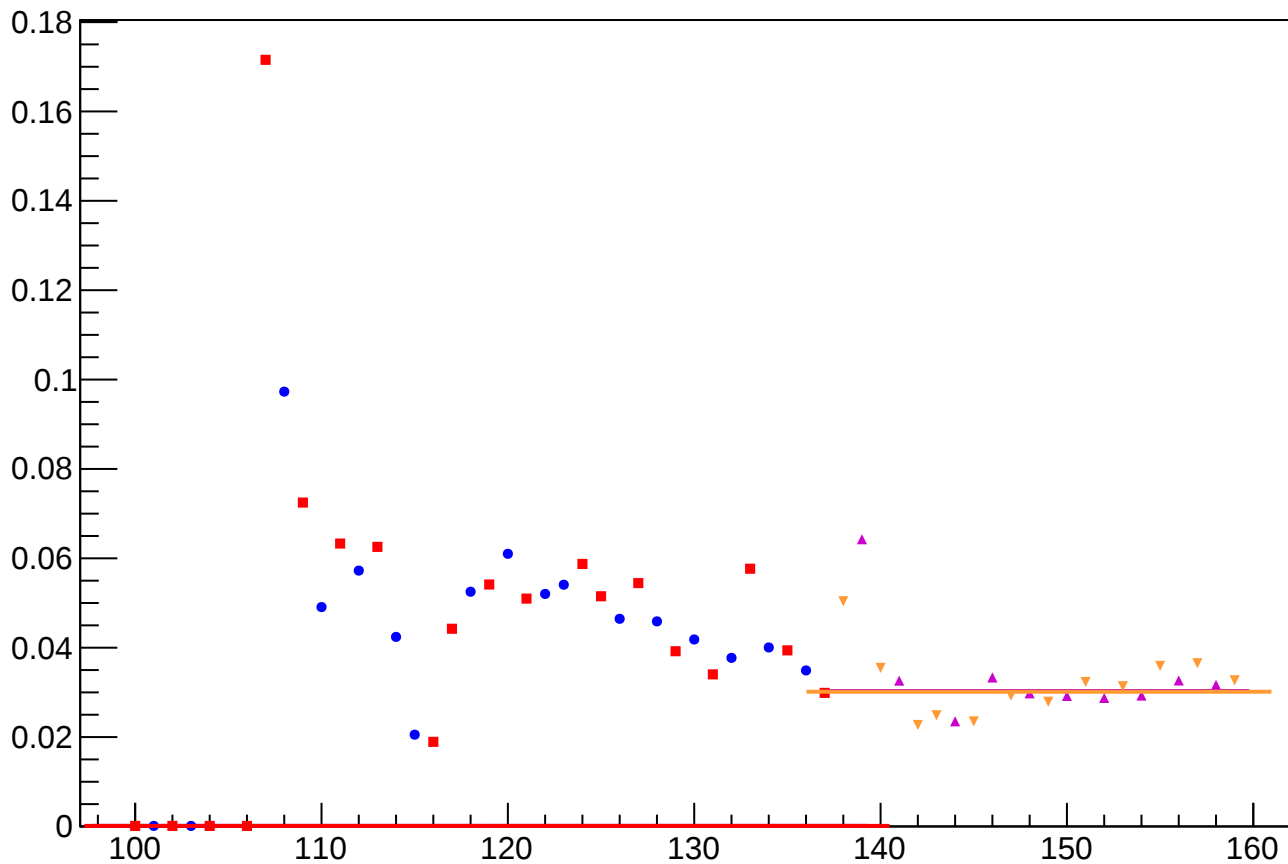
Left In: -0.707 $\pm$ 0.000 χ^2 /NDF: 54599844.8/9

6.531 $\pm$ 0.000 χ^2 /NDF: 531630088507.4/28

6.154 $\pm$ 0.000 χ^2 /NDF: 77678815591842

5.827 $\pm$ 0.000 χ^2 /NDF: 756262537090980.1/29

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8888070.2/16

Left Out: 0.030+/-0.000 χ^2/NDF : 516121.5/11

Right Out: 0.000+/-0.000 χ^2/NDF : 9429256.2/19

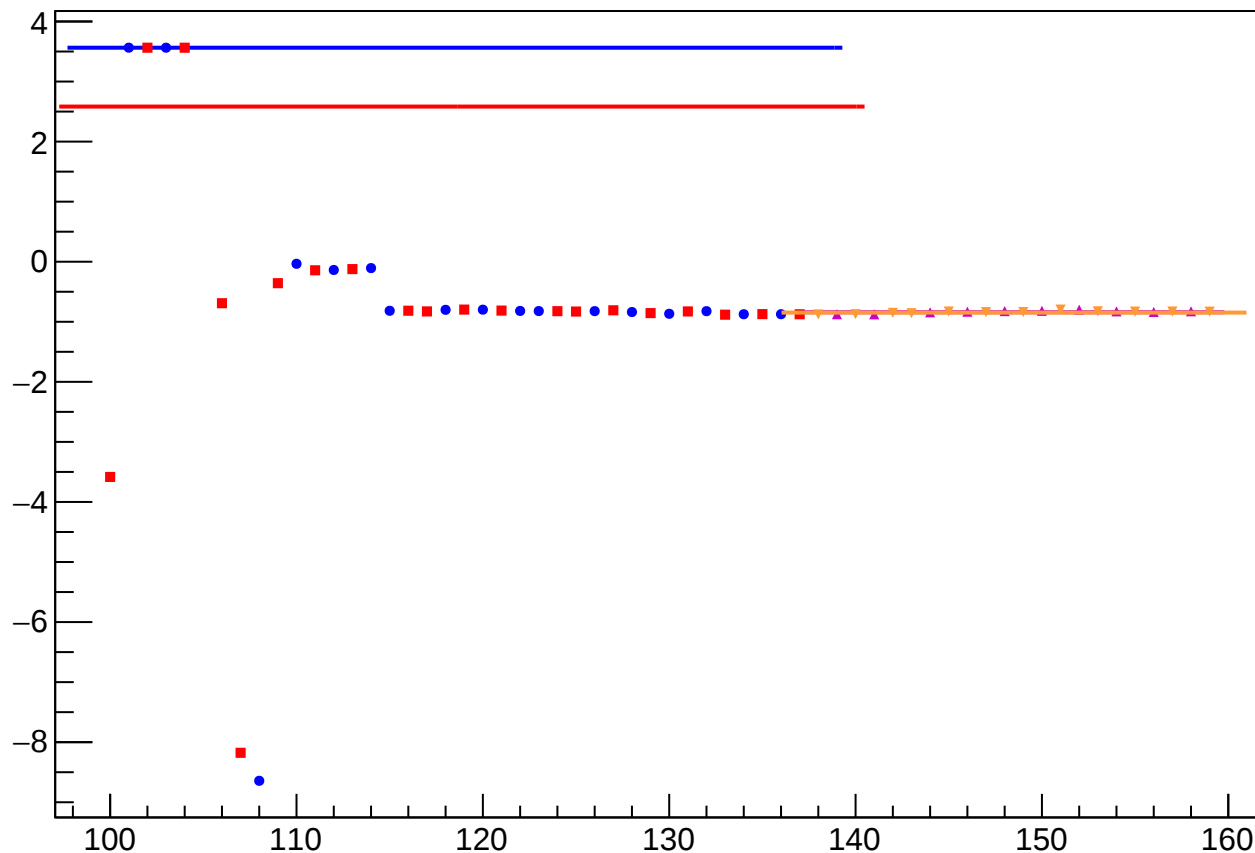
Left In: 0.030+/-0.000 χ^2/NDF : 529087.7/9

0.000+/-0.000 χ^2/NDF : 23234670.8/28

0.000+/-0.000 χ^2/NDF : 45926501.9/58

0.000+/-0.000 χ^2/NDF : 22691381.5/29

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 3.563+/-0.000 χ^2/NDF : 481634392464.0/16

Left Out: -0.847+/-0.000 χ^2/NDF : 37498978.9/11

Right Out: 2.583+/-0.000 χ^2/NDF : 1253503502448656.2/19

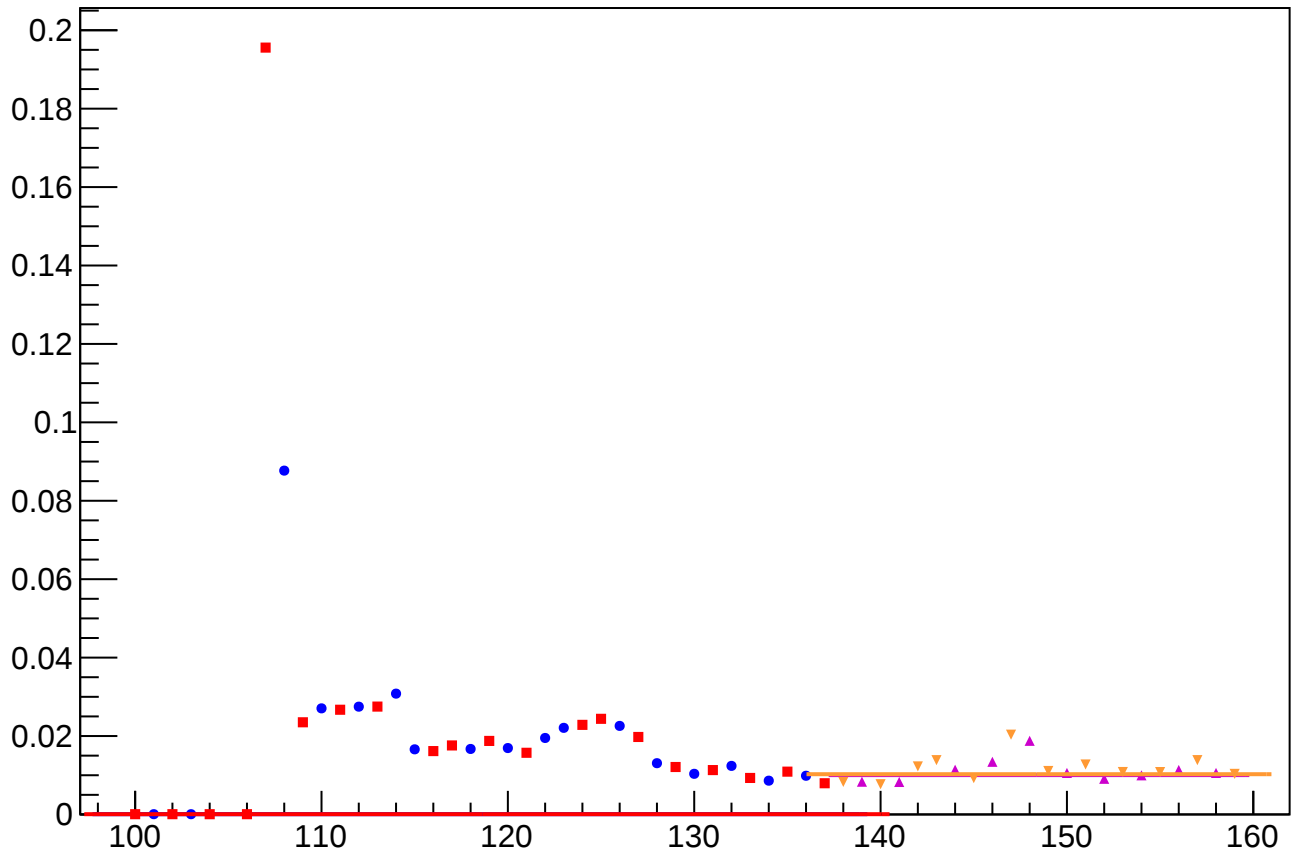
Left In: -0.841+/-0.000 χ^2/NDF : 48568772.0/9

3.562+/-0.000 χ^2/NDF : 1707893644223.6/28

3.039+/-0.000 χ^2/NDF : 13841386692756

2.583+/-0.000 χ^2/NDF : 1254226995580310.0/2

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9724059.3/16

Left Out: 0.010+/-0.000 χ^2/NDF : 803842.8/11

Right Out: 0.000+/-0.000 χ^2/NDF : 9937459.6/19

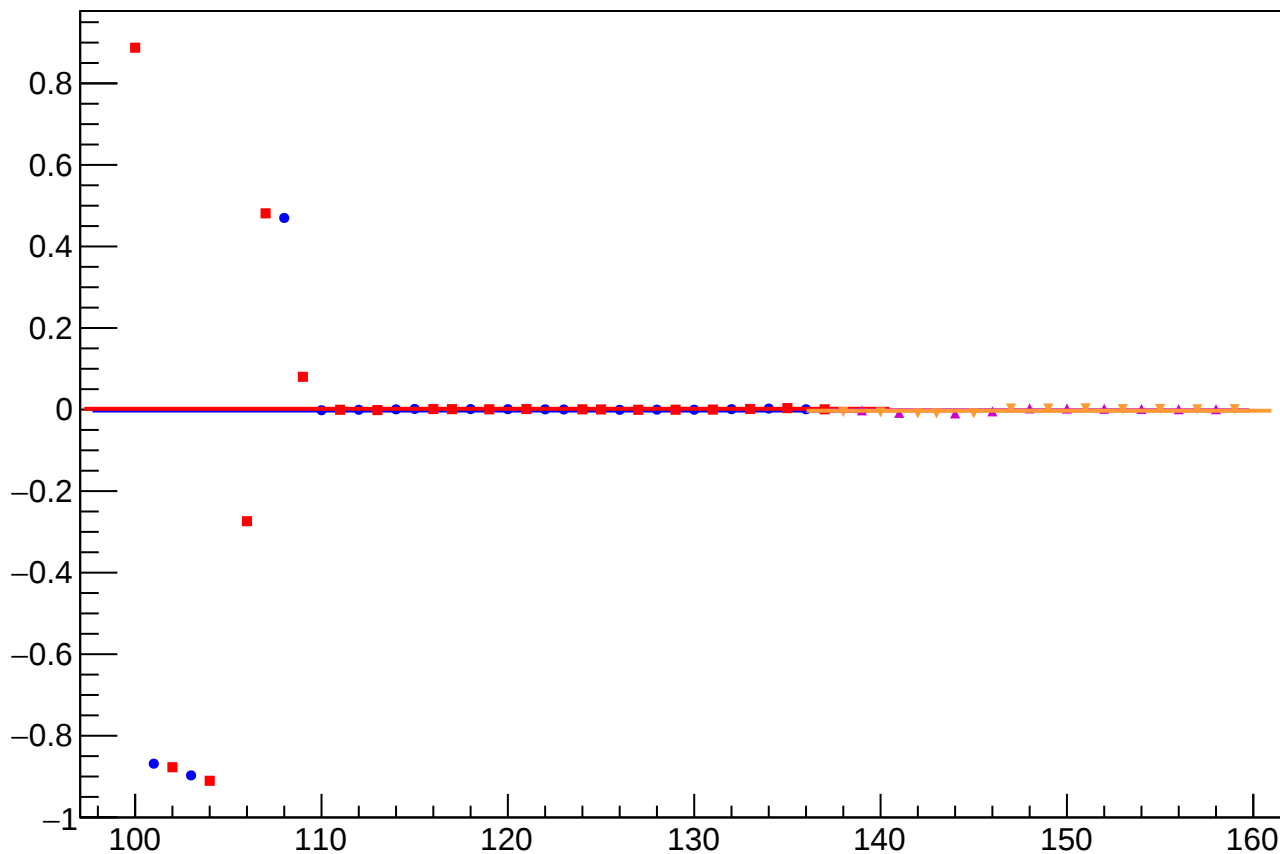
Left In: 0.010+/-0.000 χ^2/NDF : 553980.4/9

0.000+/-0.000 χ^2/NDF : 23639105.7/28

0.000+/-0.000 χ^2/NDF : 46395267.8/58

0.000+/-0.000 χ^2/NDF : 22755618.2/29

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.002+/-0.000 χ^2 /NDF: 9794863405.3/16

Left Out: -0.003+/-0.000 χ^2 /NDF: 78369808.2/11

Right Out: 0.002+/-0.000 χ^2 /NDF: 3041323813.4/19

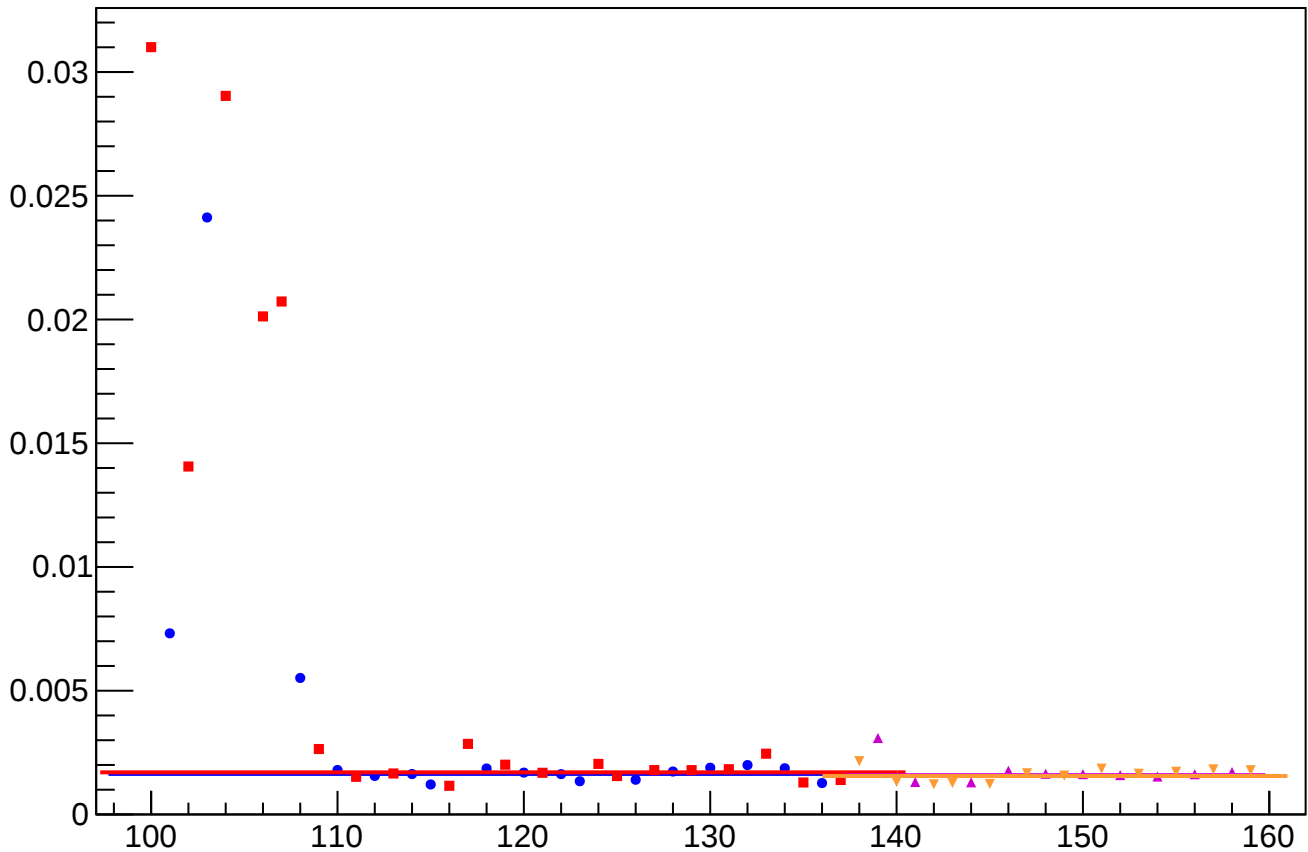
Left In: -0.002+/-0.000 χ^2 /NDF: 57299325.7/9

-0.003+/-0.000 χ^2 /NDF: 9873490507.3/28

-0.002+/-0.000 χ^2 /NDF: 12995742295.3/5

-0.000+/-0.000 χ^2 /NDF: 3111262067.6/29

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1916349.1/16

Left Out: 0.002+/-0.000 χ^2/NDF : 402205.3/11

Right Out: 0.002+/-0.000 χ^2/NDF : 3037006.7/19

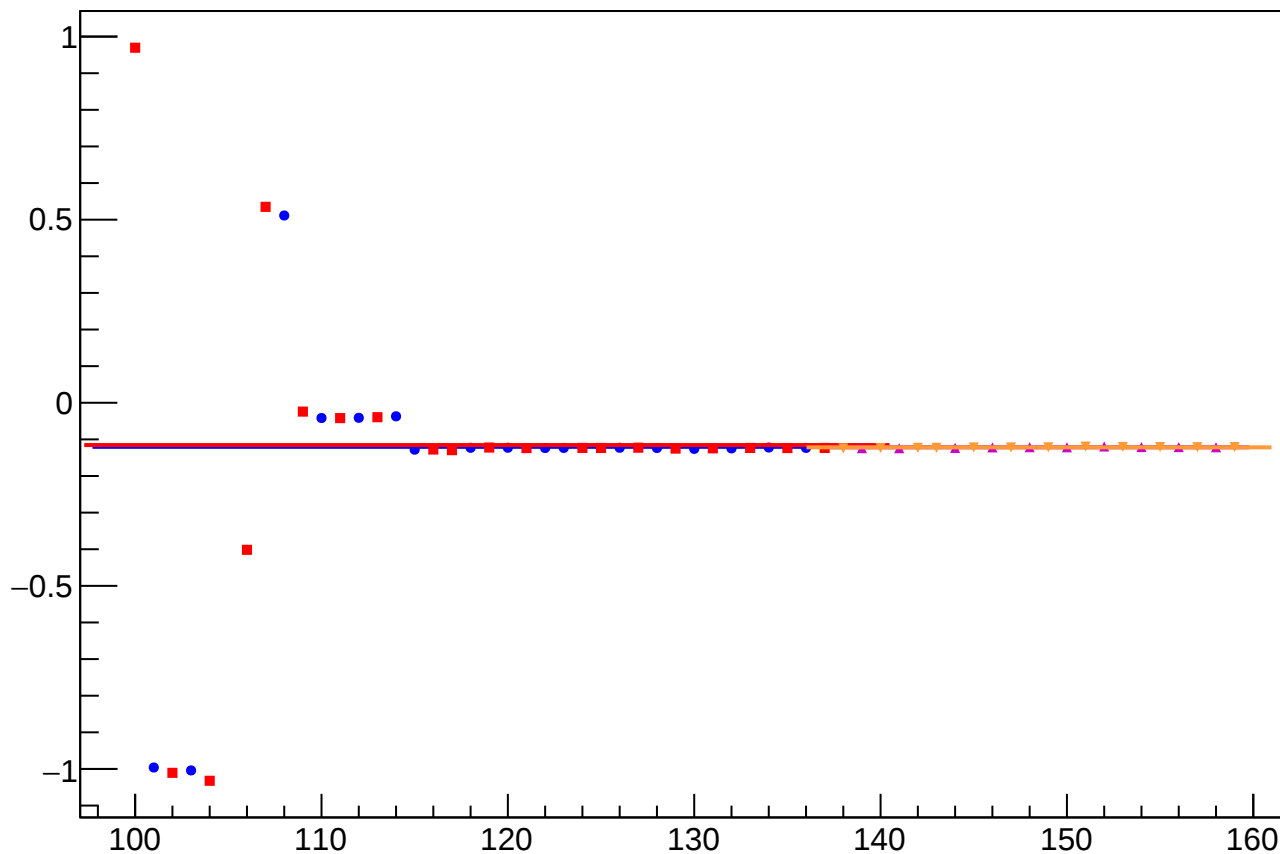
Left In: 0.002+/-0.000 χ^2/NDF : 478819.5/9

0.002+/-0.000 χ^2/NDF : 2333677.9/28

0.002+/-0.000 χ^2/NDF : 5883635.9/58

0.002+/-0.000 χ^2/NDF : 3540670.7/29

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.120+/-0.000 χ^2/NDF : 3932144335.2/16

Left Out: -0.122+/-0.000 χ^2/NDF : 10084628.0/11

Right Out: -0.115+/-0.000 χ^2/NDF : 2458475073.1/19

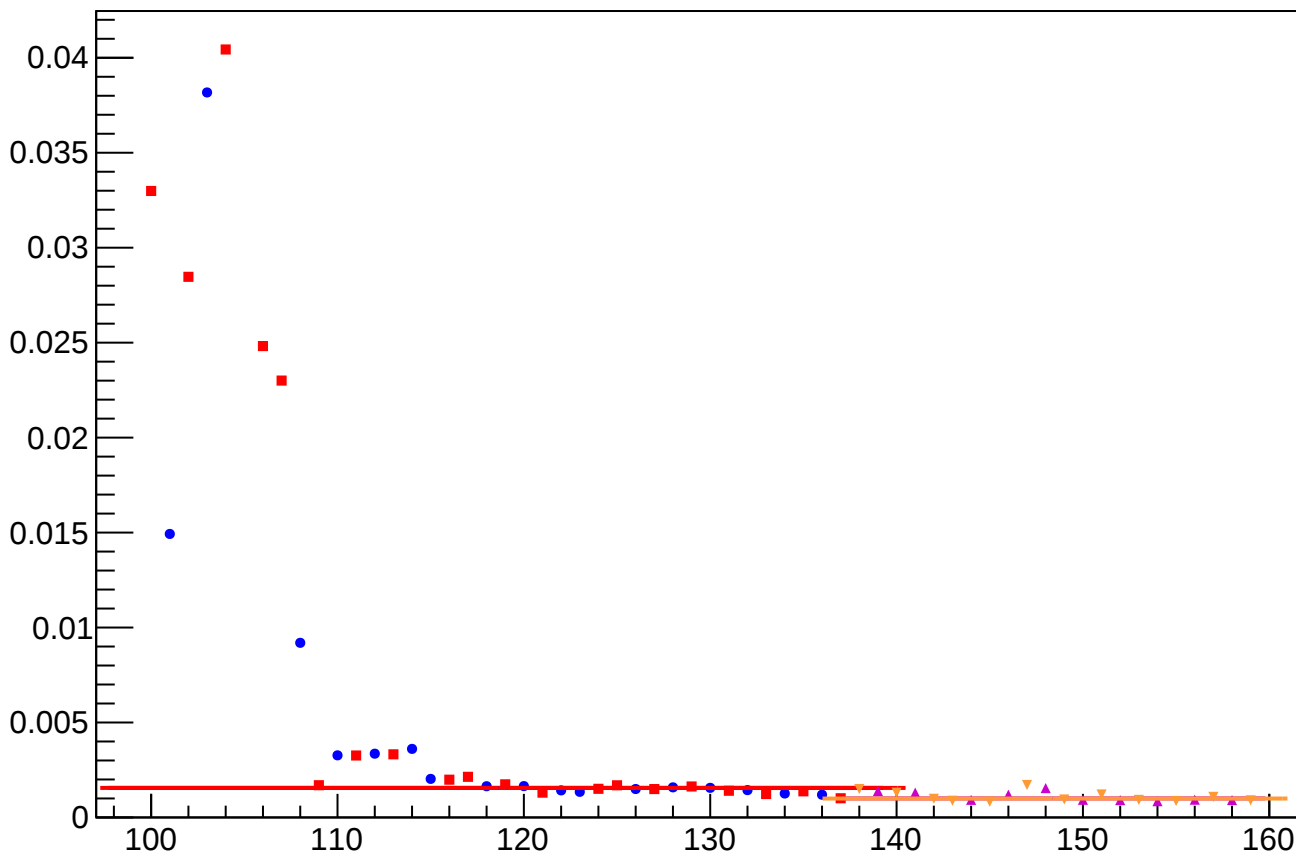
Left In: -0.122+/-0.000 χ^2/NDF : 12861512.3/9

-0.121+/-0.000 χ^2/NDF : 3945354660.8/28

-0.121+/-0.000 χ^2/NDF : 6479463127.9/50

-0.120+/-0.000 χ^2/NDF : 2527821704.6/29

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 2901093.3/16

Left Out: 0.001 $\pm$ 0.000 χ^2 /NDF:682294.9/11

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 3545212.9/19

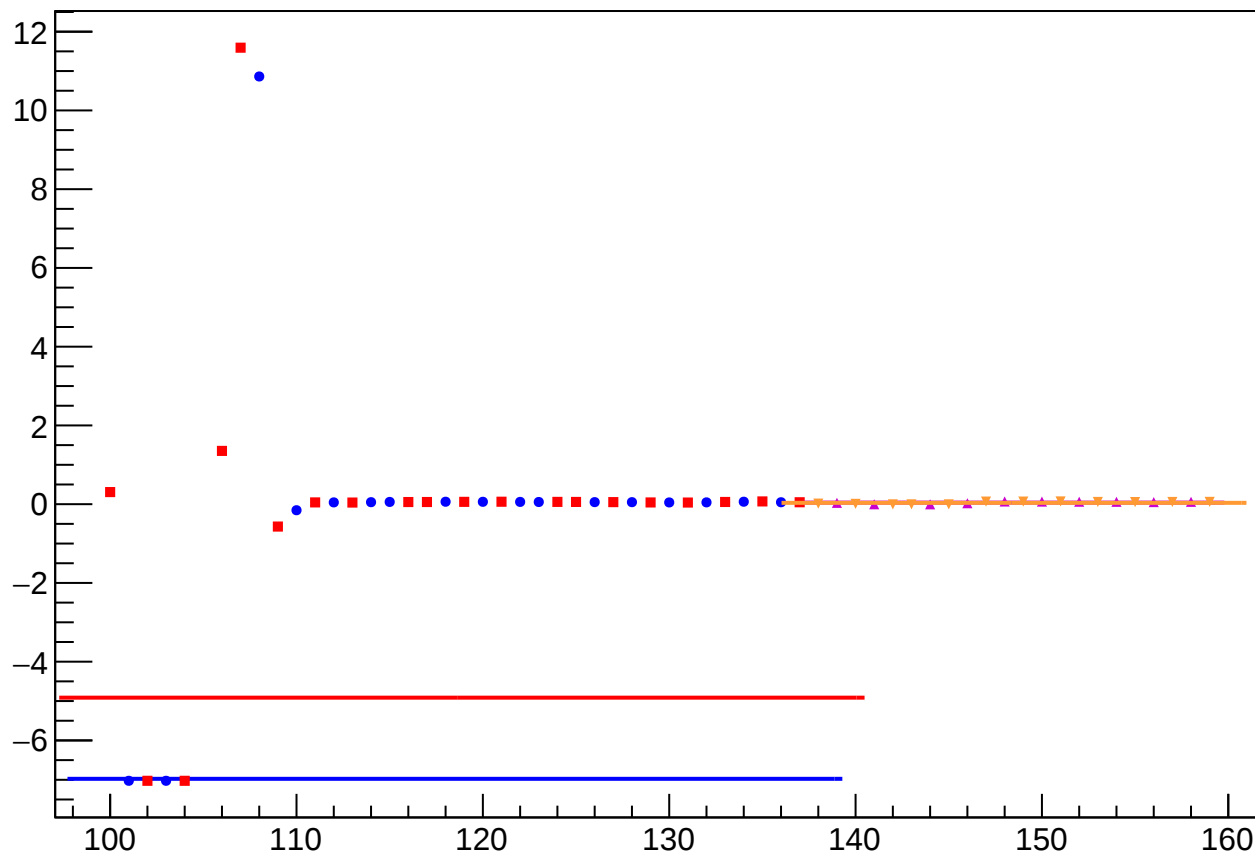
Left In: 0.001 $\pm$ 0.000 χ^2 /NDF:514529.4/9

0.001 $\pm$ 0.000 χ^2 /NDF: 4544722.7/28

0.001 $\pm$ 0.000 χ^2 /NDF: 9531698.6/58

0.001 $\pm$ 0.000 χ^2 /NDF: 4985179.1/29

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -6.975 $\pm$ 0.000 χ^2/NDF : 8749579700722.8/16

Left Out: 0.034 $\pm$ 0.000 χ^2/NDF : 78626823.5/11

Right Out: -4.914 $\pm$ 0.000 χ^2/NDF : 365362121338855.3/19

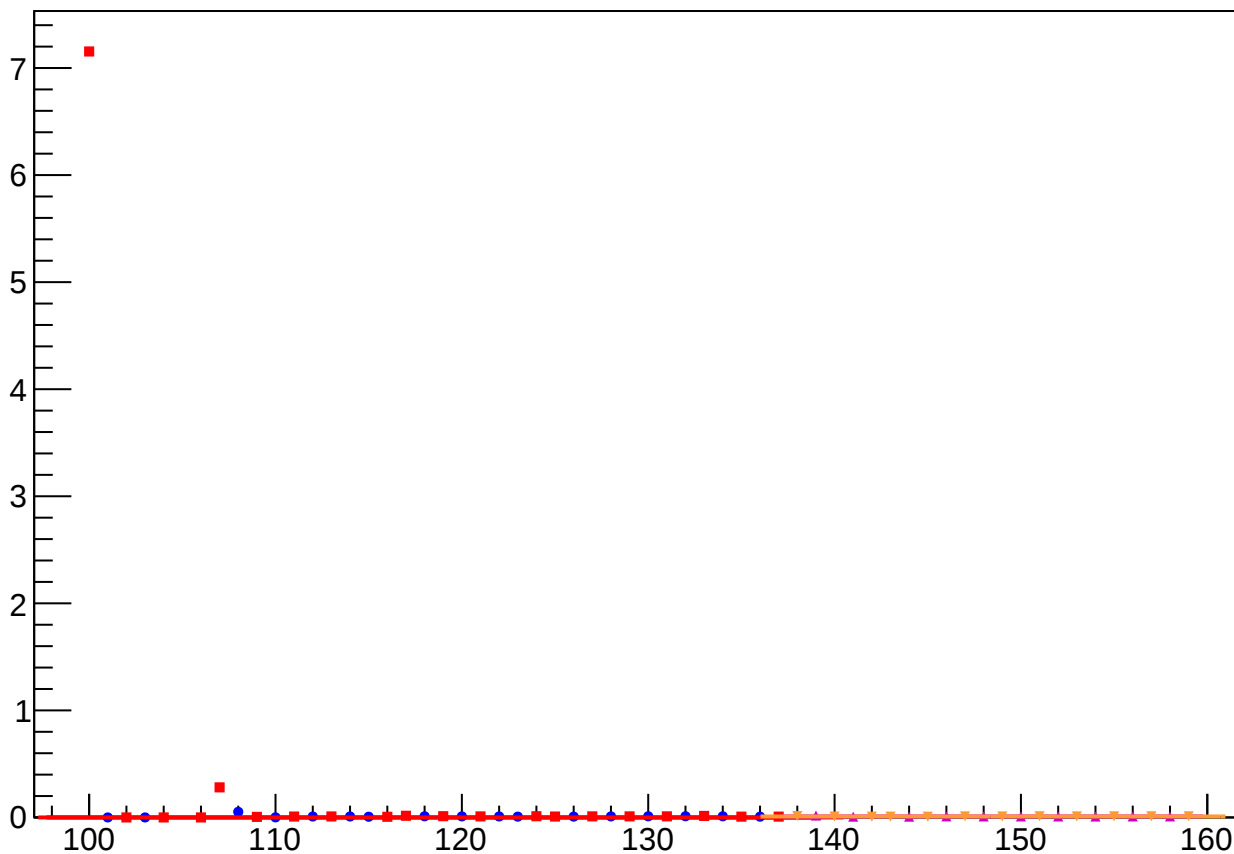
Left In: 0.040 $\pm$ 0.000 χ^2/NDF : 62747384.3/9

-6.952 $\pm$ 0.000 χ^2/NDF : 12810091873431.6/28

-5.882 $\pm$ 0.000 χ^2/NDF : 4358418245588

-4.900 $\pm$ 0.000 χ^2/NDF : 367183041006572.2/2

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8242728.7/16

Left Out: 0.009+/-0.000 χ^2/NDF : 399627.9/11

Right Out: 0.000+/-0.000 χ^2/NDF : 8854773.0/19

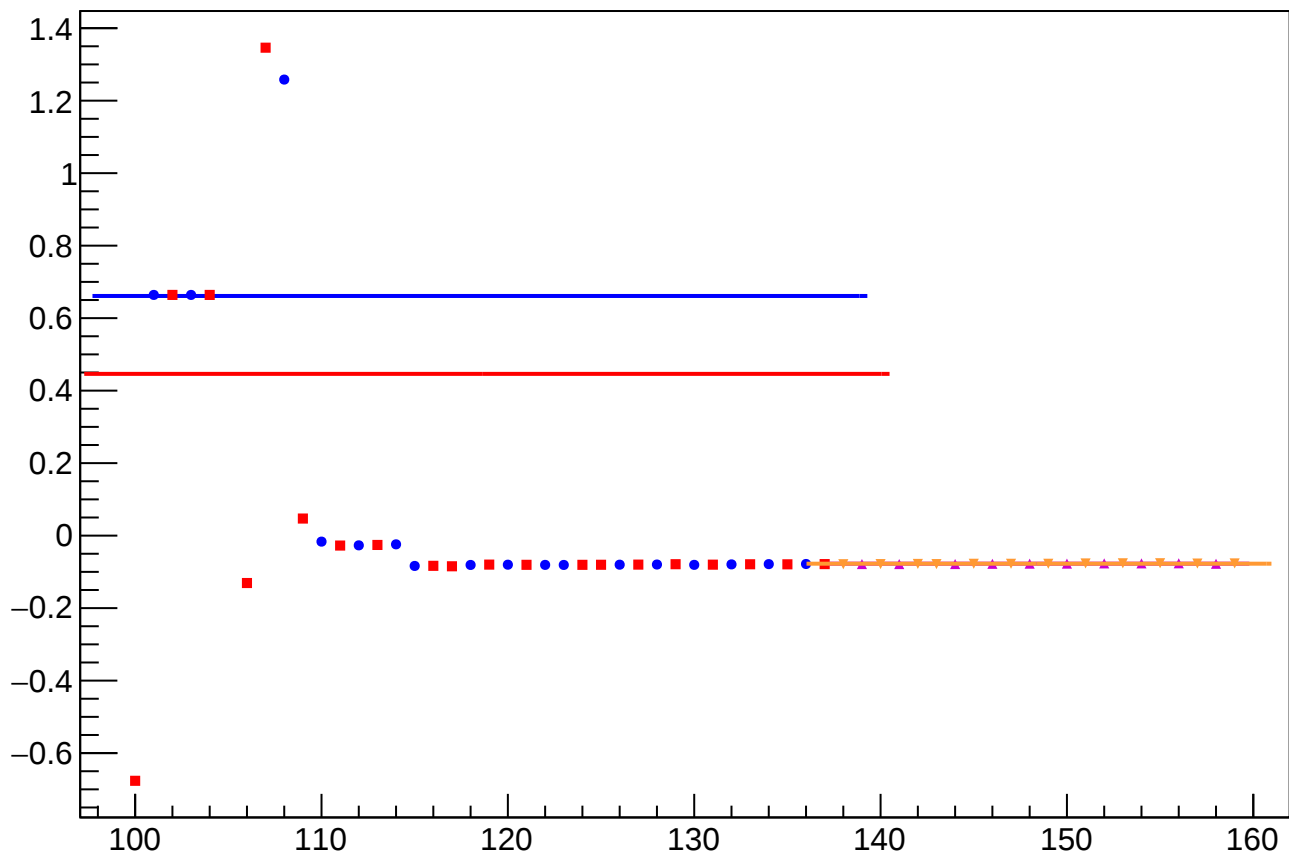
Left In: 0.009+/-0.000 χ^2/NDF : 480185.9/9

0.000+/-0.000 χ^2/NDF : 21927330.3/28

0.000+/-0.000 χ^2/NDF : 43601765.0/58

0.000+/-0.000 χ^2/NDF : 21672753.2/29

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.661+/-0.000 χ^2/NDF : 5607525081216.0/16

Left Out: -0.077+/-0.000 χ^2/NDF : 20845550.8/11

Right Out: 0.446+/-0.000 χ^2/NDF : 405423069582977.9/19

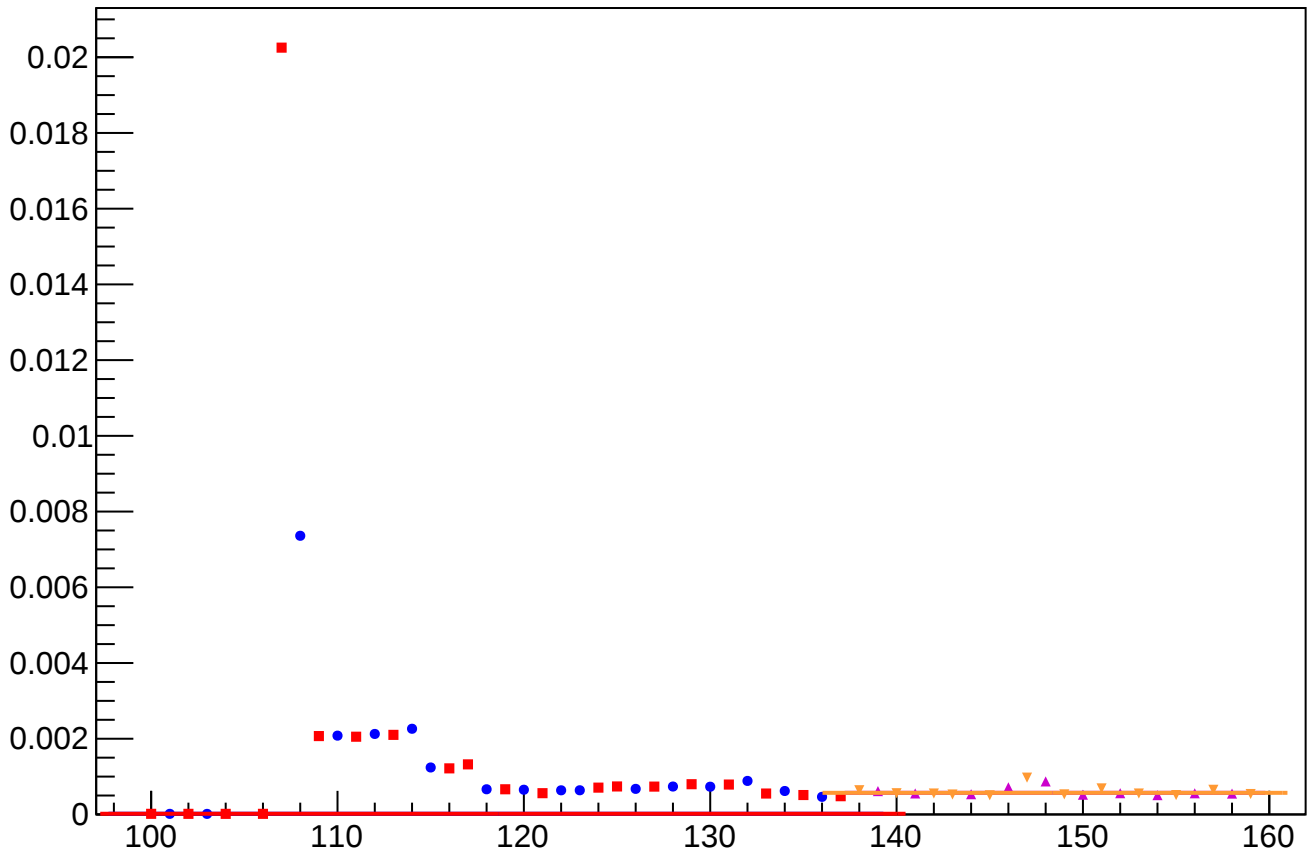
Left In: -0.077+/-0.000 χ^2/NDF : 15015038.5/9

0.654+/-0.000 χ^2/NDF : 19459584996621.7/28

0.543+/-0.000 χ^2/NDF : 49317524582312

0.442+/-0.000 χ^2/NDF : 411896267846177.3/29

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9874012.7/16

Left Out: 0.001+/-0.000 χ^2/NDF : 406761.3/11

Right Out: 0.000+/-0.000 χ^2/NDF : 9555089.8/19

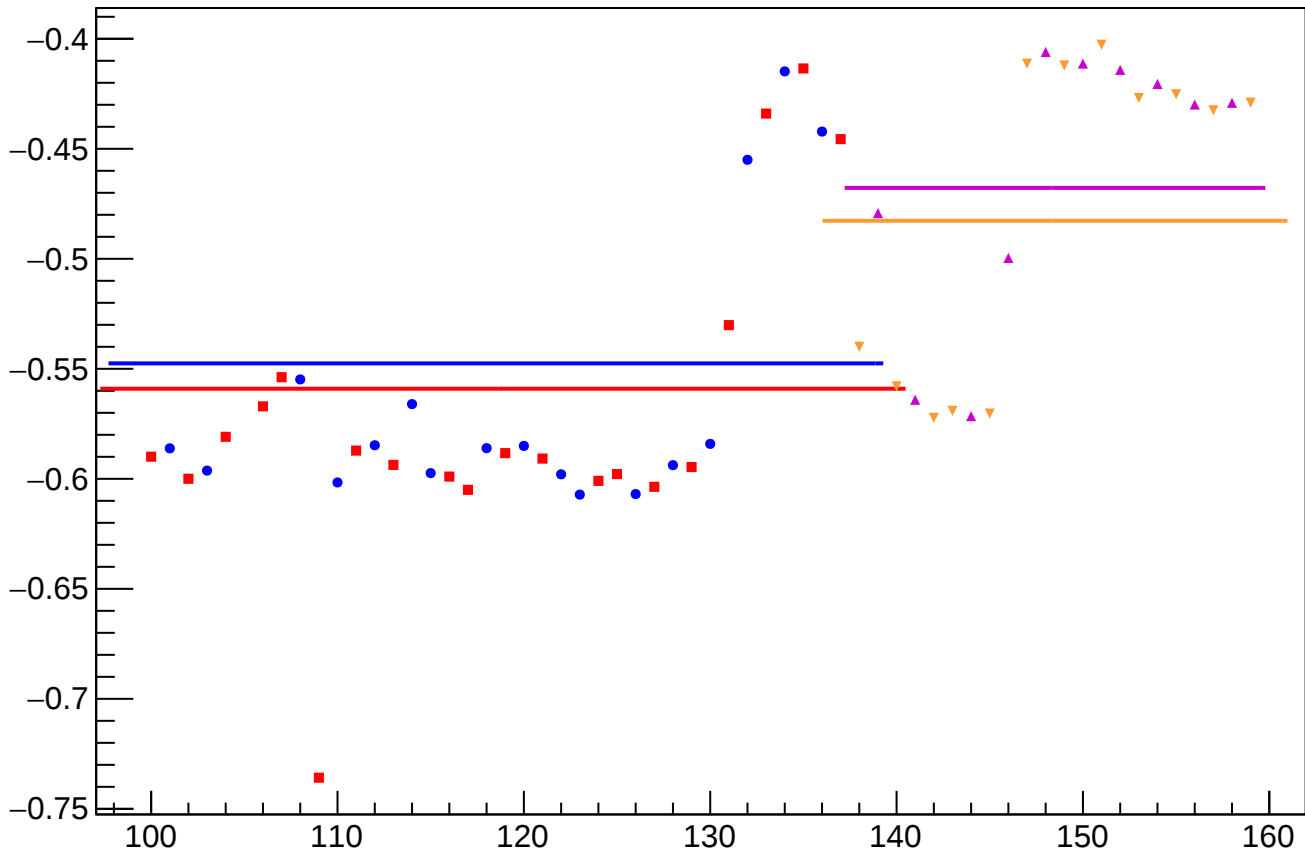
Left In: 0.001+/-0.000 χ^2/NDF : 303830.7/9

0.000+/-0.000 χ^2/NDF : 25804650.7/28

0.000+/-0.000 χ^2/NDF : 50083916.6/58

0.000+/-0.000 χ^2/NDF : 24277244.2/29

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.548+/-0.000 χ^2/NDF : 48545285.9/16

Left Out: -0.483+/-0.000 χ^2/NDF : 88389531.5/11

Right Out: -0.559+/-0.000 χ^2/NDF : 65389755.0/19

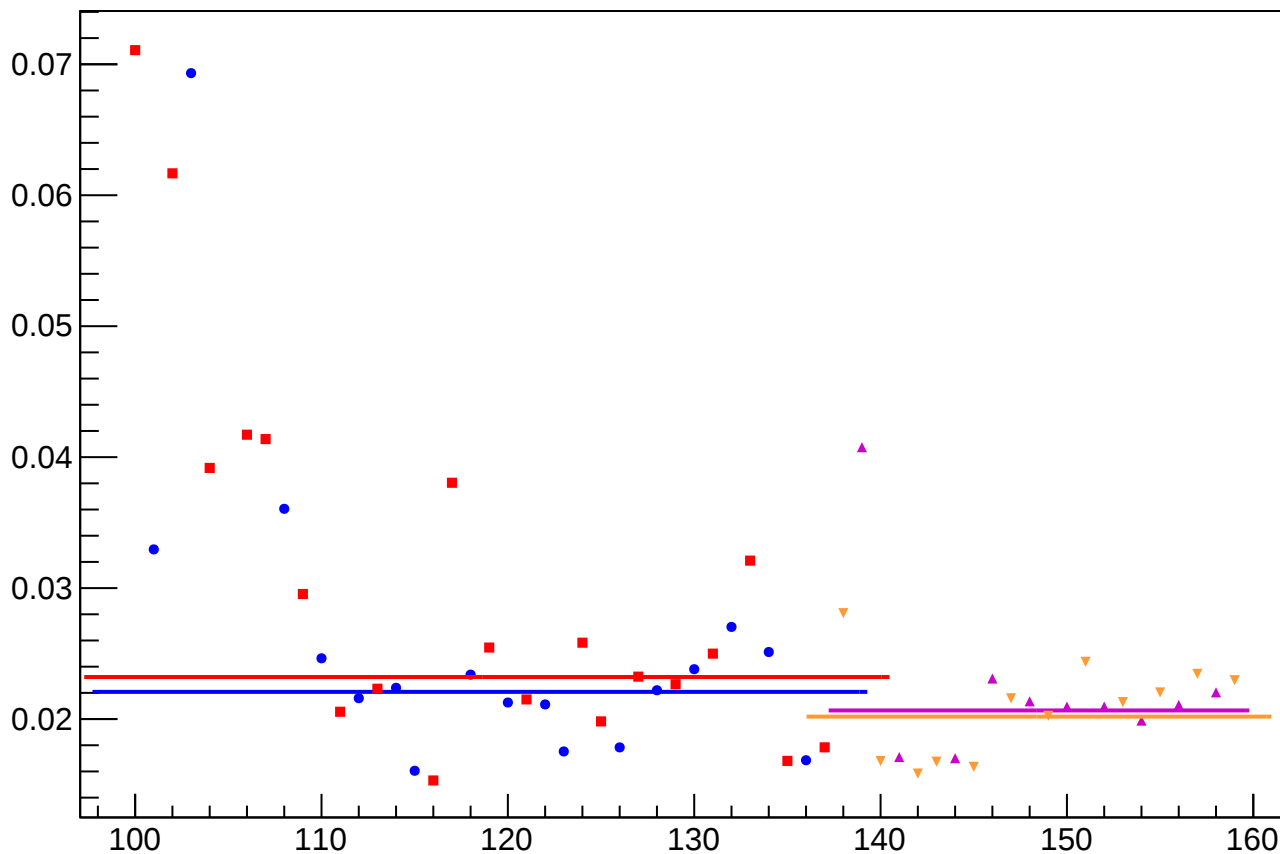
Left In: -0.468+/-0.000 χ^2/NDF : 66043786.8/9

-0.507+/-0.000 χ^2/NDF : 163925281.1/28

-0.506+/-0.000 χ^2/NDF : 345346085.6/58

-0.504+/-0.000 χ^2/NDF : 181287851.2/29

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.022+/-0.000 χ^2/NDF : 954779.5/16

Left Out: 0.020+/-0.000 χ^2/NDF : 381700.2/11

Right Out: 0.023+/-0.000 χ^2/NDF : 1169013.8/19

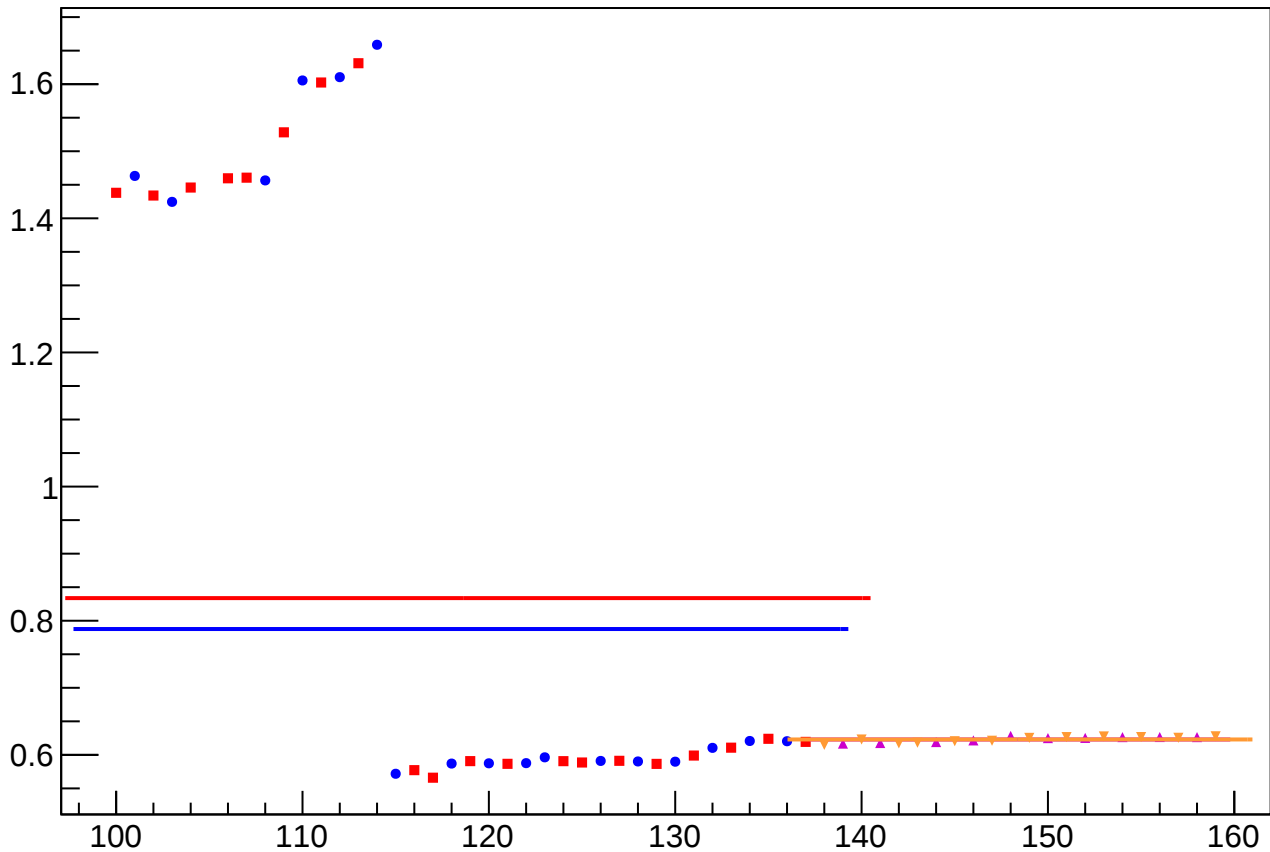
Left In: 0.021+/-0.000 χ^2/NDF : 482439.6/9

0.021+/-0.000 χ^2/NDF : 1382353.7/28

0.021+/-0.000 χ^2/NDF : 3127230.1/58

0.022+/-0.000 χ^2/NDF : 1729427.8/29

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.788+/-0.000 χ^2/NDF : 3581400502.4/16

Left Out: 0.623+/-0.000 χ^2/NDF : 957353.3/11

Right Out: 0.834+/-0.000 χ^2/NDF : 4155673215.9/19

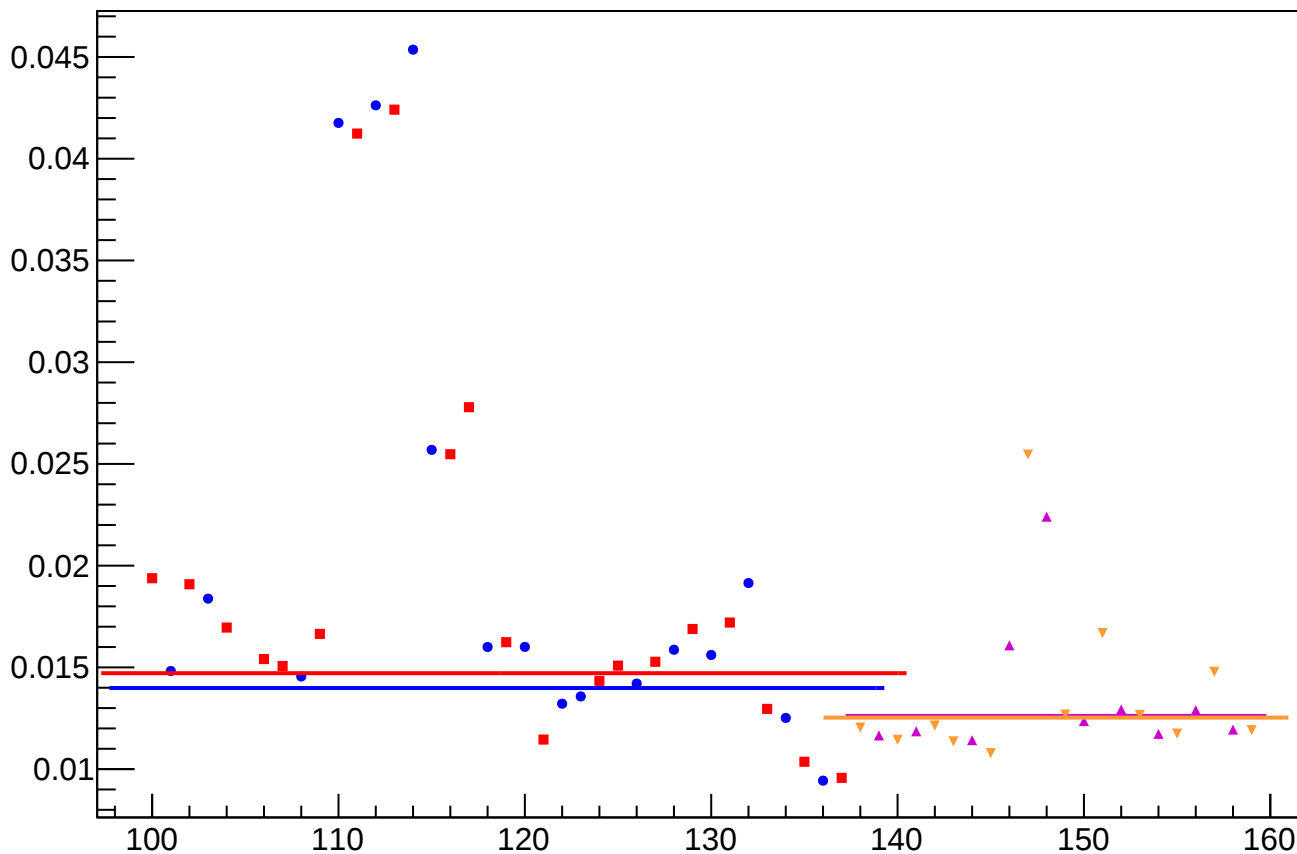
Left In: 0.623+/-0.000 χ^2/NDF : 761895.1/9

0.681+/-0.000 χ^2/NDF : 4087841433.3/28

0.690+/-0.000 χ^2/NDF : 9045542590.1/58

0.700+/-0.000 χ^2/NDF : 4943367727.9/29

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1398505.7/16

Left Out: 0.013+/-0.000 χ^2/NDF : 587449.6/11

Right Out: 0.015+/-0.000 χ^2/NDF : 1275472.3/19

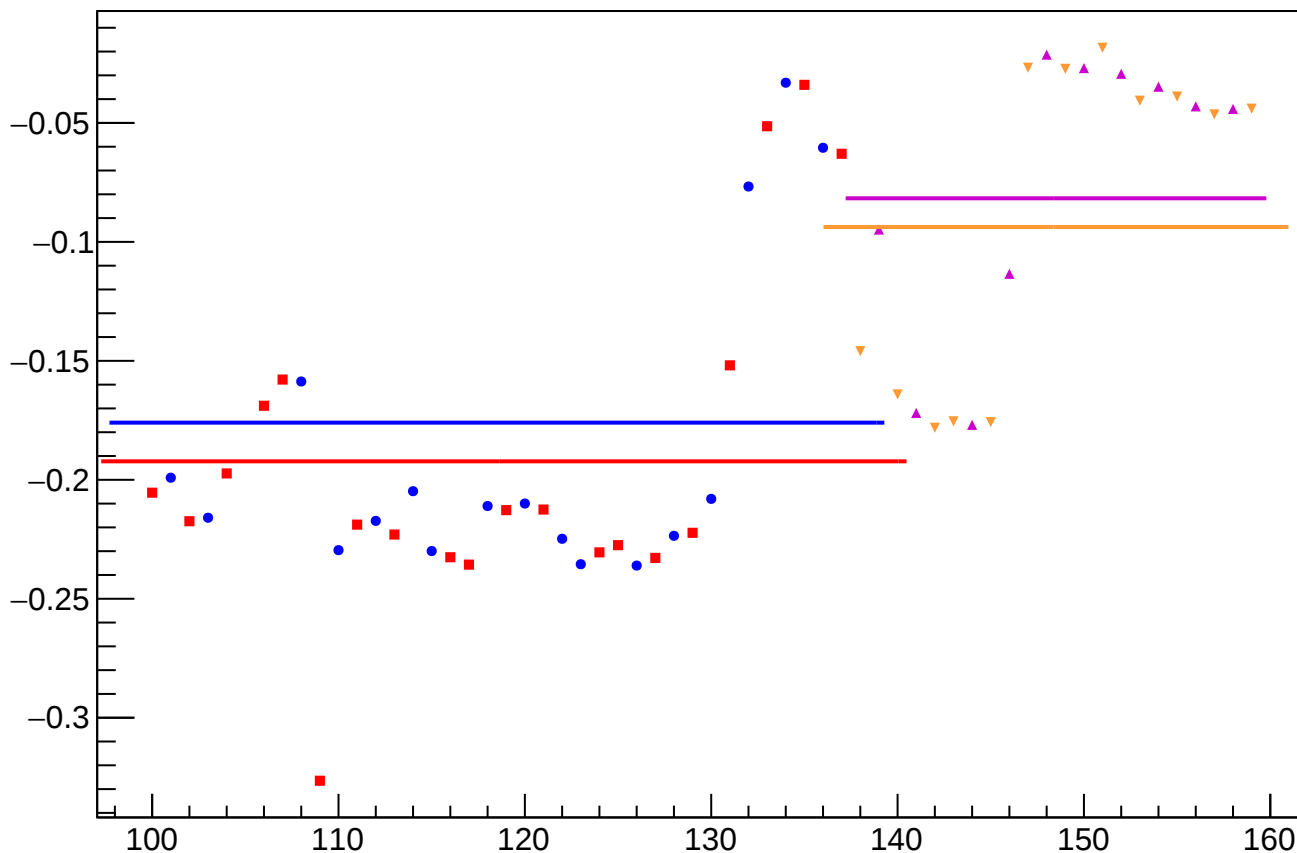
Left In: 0.013+/-0.000 χ^2/NDF : 409115.7/9

0.013+/-0.000 χ^2/NDF : 2064857.3/28

0.013+/-0.000 χ^2/NDF : 3914815.3/58

0.013+/-0.000 χ^2/NDF : 1840874.8/29

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.176+/-0.000 χ^2/NDF : 70121069.1/16

Left Out: -0.094+/-0.000 χ^2/NDF : 85519911.0/11

Right Out: -0.192+/-0.000 χ^2/NDF : 83343025.0/19

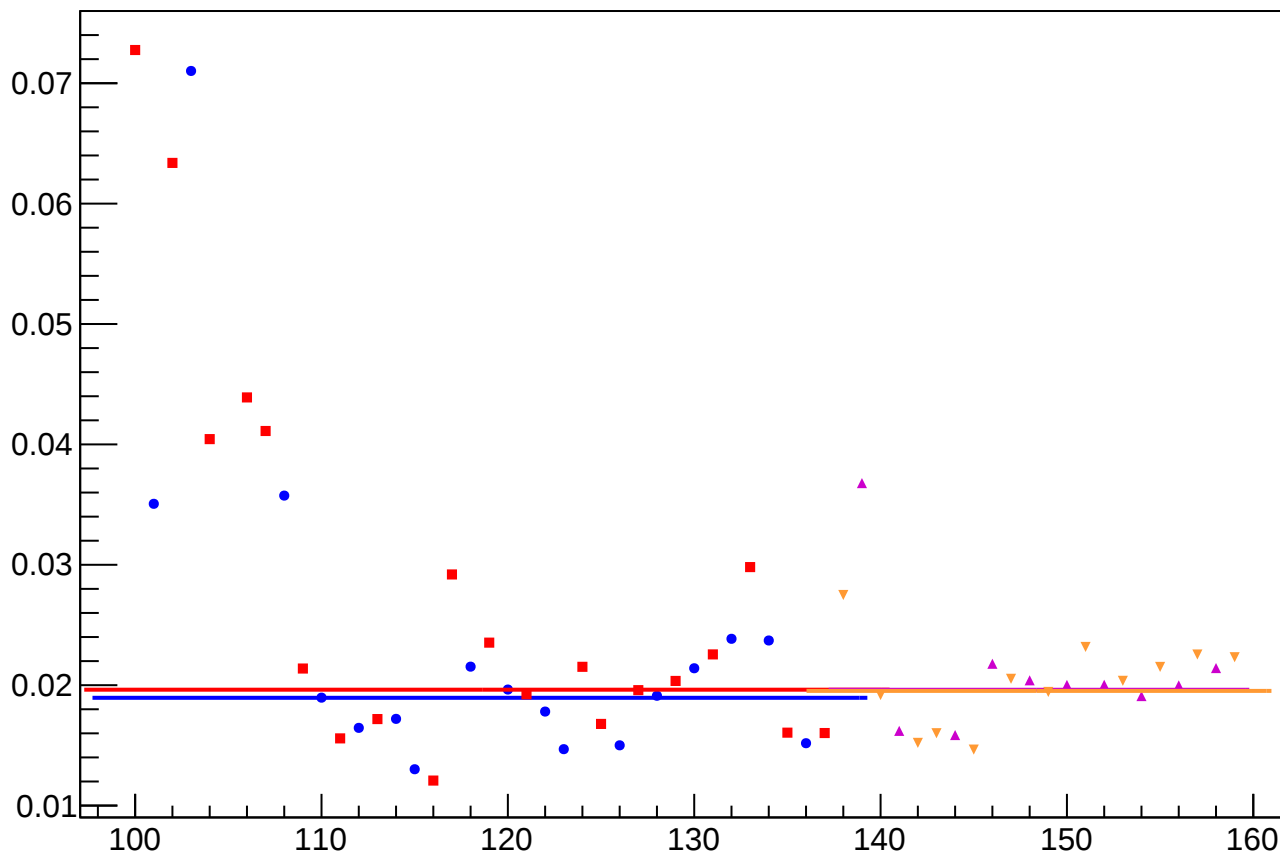
Left In: -0.082+/-0.000 χ^2/NDF : 67070396.5/9

-0.129+/-0.000 χ^2/NDF : 208865900.5/28

-0.130+/-0.000 χ^2/NDF : 450979011.4/58

-0.131+/-0.000 χ^2/NDF : 242046380.2/29

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 1203275.7/16

Left Out: 0.020+/-0.000 χ^2/NDF : 411911.4/11

Right Out: 0.020+/-0.000 χ^2/NDF : 1463983.0/19

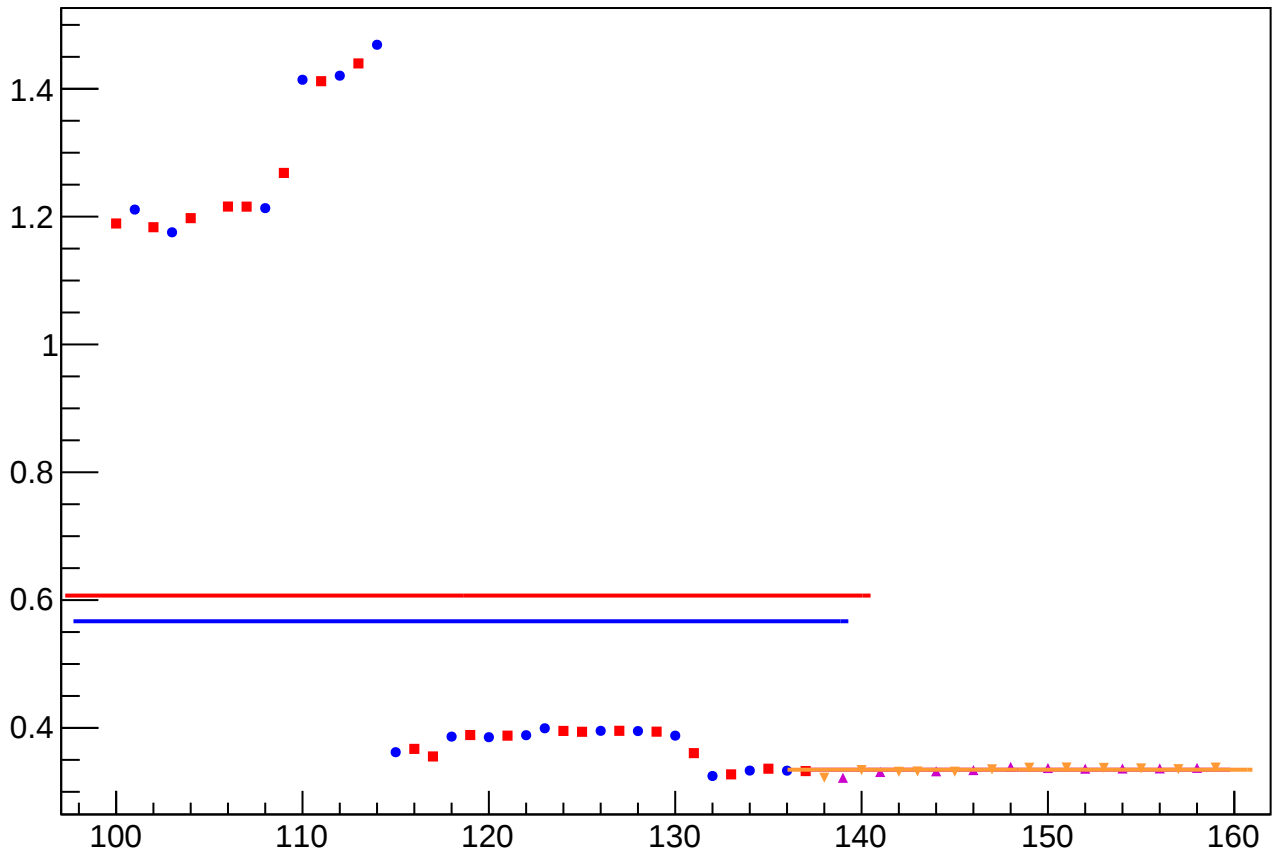
Left In: 0.020+/-0.000 χ^2/NDF : 464196.7/9

0.019+/-0.000 χ^2/NDF : 1620362.1/28

0.019+/-0.000 χ^2/NDF : 3552199.3/58

0.020+/-0.000 χ^2/NDF : 1928180.2/29

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.567+/-0.000 χ^2/NDF : 5016913731.3/16

Left Out: 0.335+/-0.000 χ^2/NDF : 1060800.7/11

Right Out: 0.607+/-0.000 χ^2/NDF : 5509130775.3/19

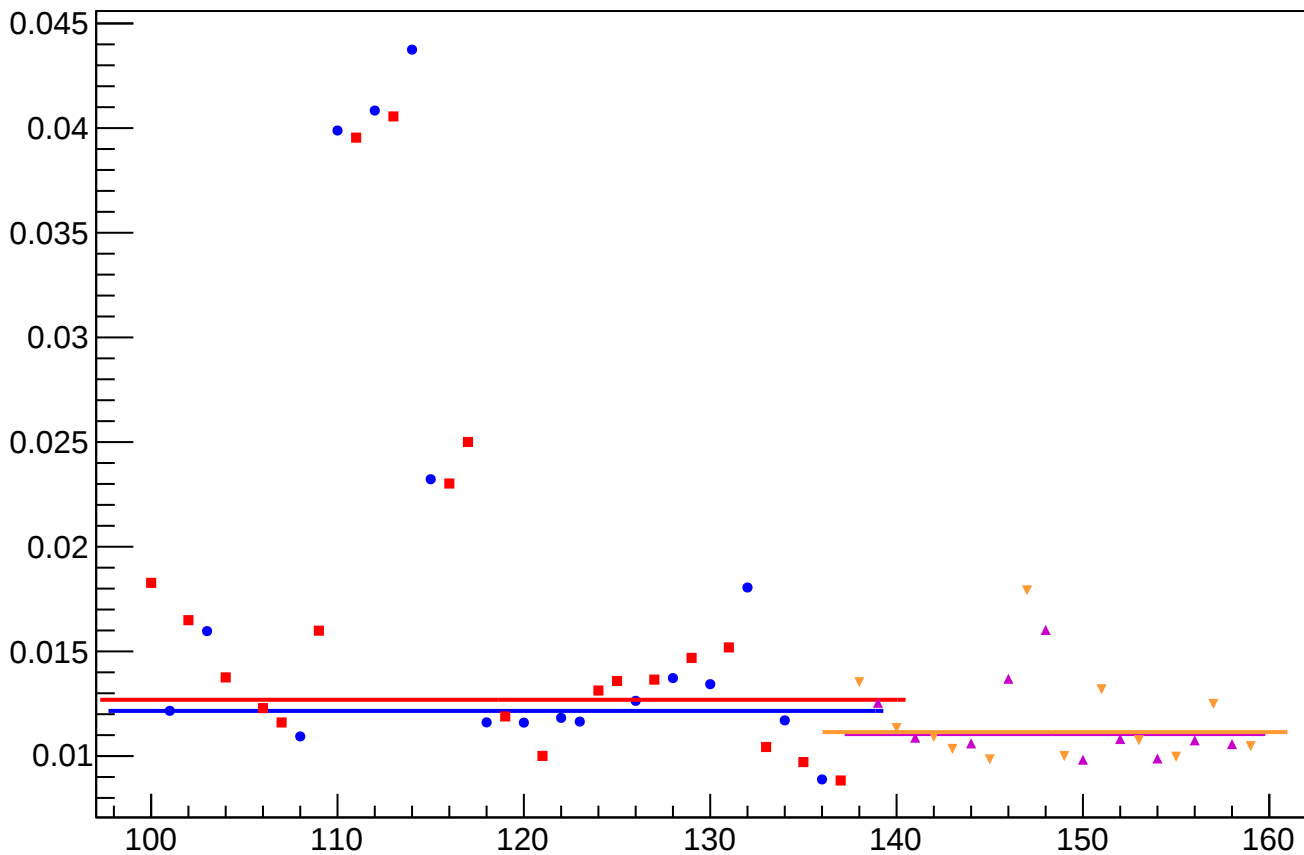
Left In: 0.335+/-0.000 χ^2/NDF : 1107554.0/9

0.418+/-0.000 χ^2/NDF : 6327051787.4/28

0.426+/-0.000 χ^2/NDF : 13579493923.6/5

0.434+/-0.000 χ^2/NDF : 7239082361.7/29

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 1307948.2/16

Left Out: 0.011+/-0.000 χ^2/NDF : 394865.2/11

Right Out: 0.013+/-0.000 χ^2/NDF : 1285911.2/19

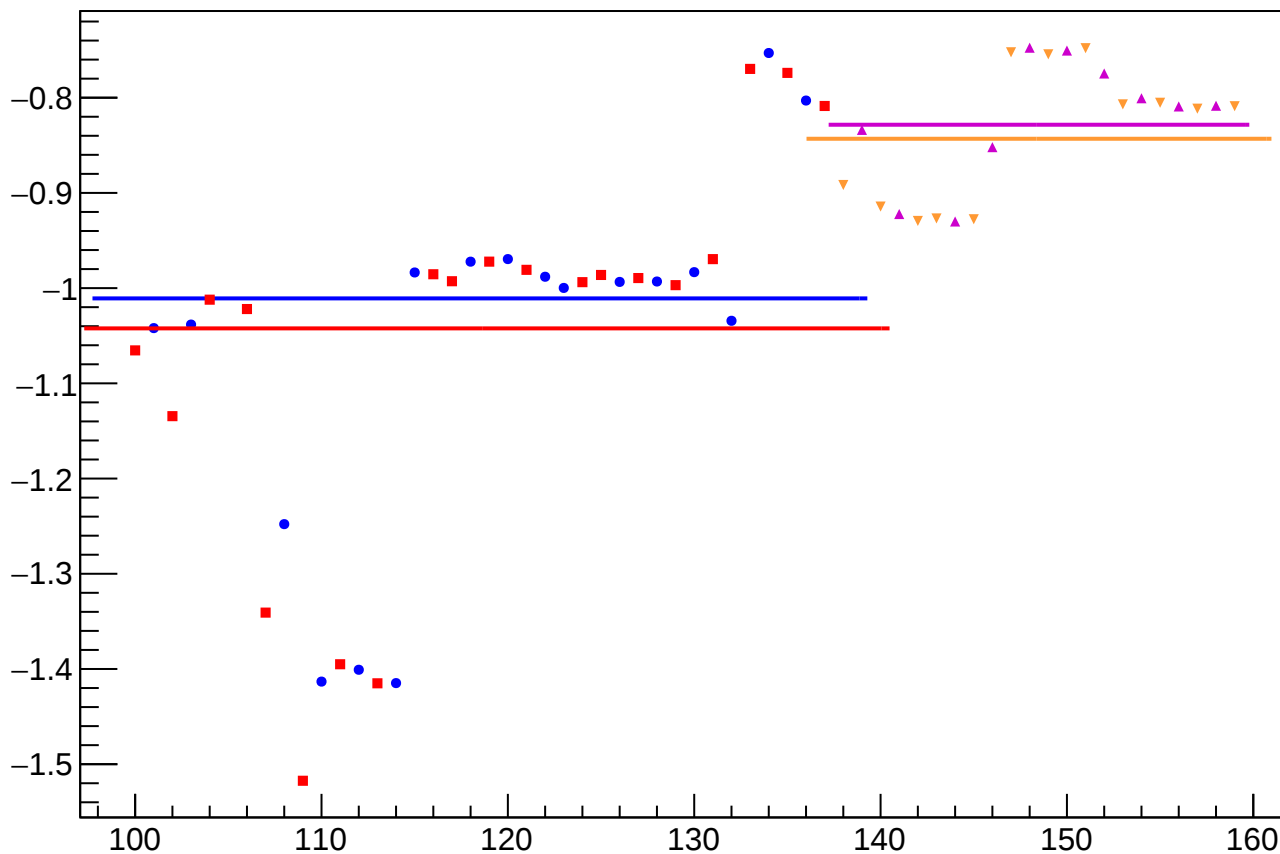
Left In: 0.011+/-0.000 χ^2/NDF : 282067.3/9

0.012+/-0.000 χ^2/NDF : 1752615.1/28

0.012+/-0.000 χ^2/NDF : 3447865.5/58

0.012+/-0.000 χ^2/NDF : 1693199.4/29

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.011+/-0.000 χ^2 /NDF: 387140230.3/16

Left Out: -0.843+/-0.000 χ^2 /NDF: 91383558.6/11

Right Out: -1.042+/-0.000 χ^2 /NDF: 529028760.6/19

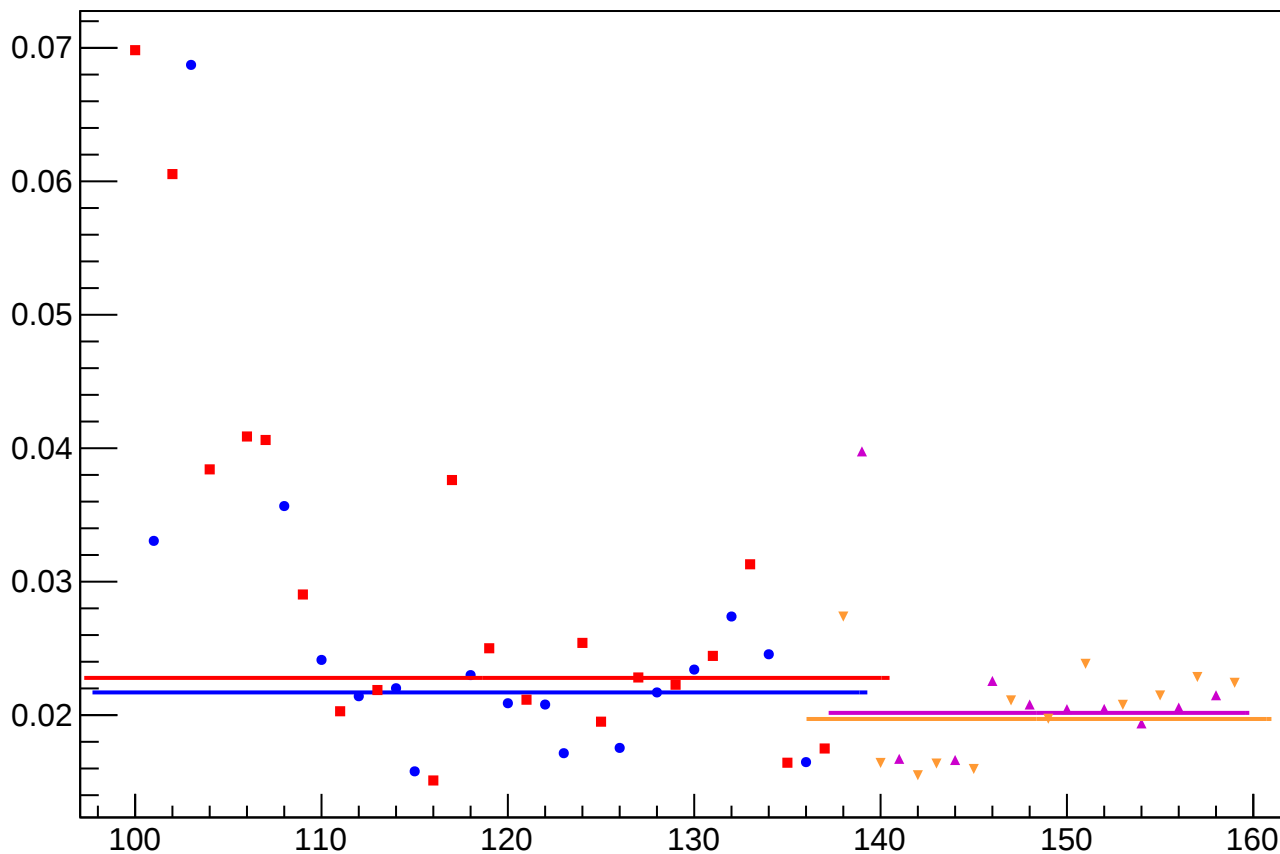
Left In: -0.828+/-0.000 χ^2 /NDF: 69854601.8/9

-0.906+/-0.000 χ^2 /NDF: 666214548.3/28

-0.909+/-0.000 χ^2 /NDF: 1550616048.7/50

-0.913+/-0.000 χ^2 /NDF: 883787617.0/29

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.022+/-0.000 χ^2/NDF : 979293.5/16

Left Out: 0.020+/-0.000 χ^2/NDF : 379597.9/11

Right Out: 0.023+/-0.000 χ^2/NDF : 1164870.4/19

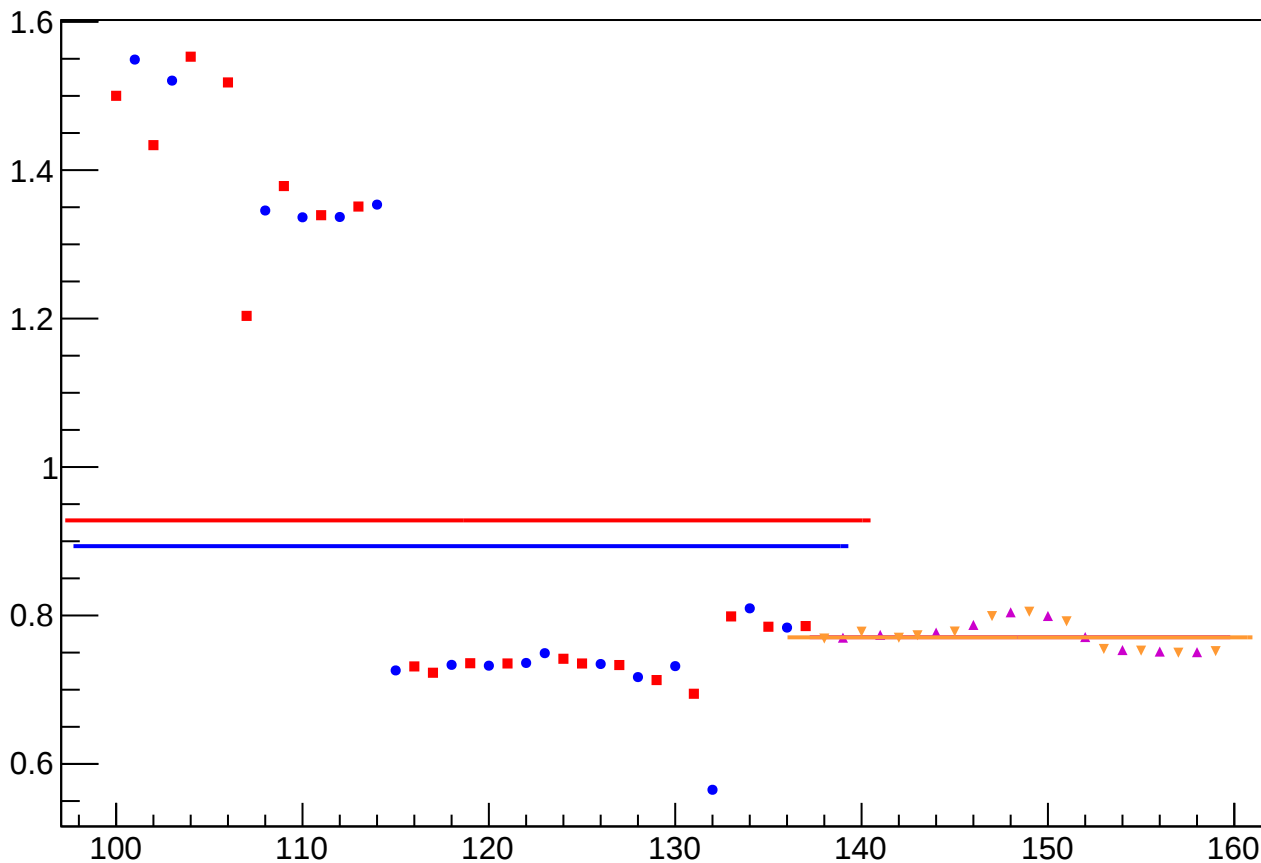
Left In: 0.020+/-0.000 χ^2/NDF : 479786.1/9

0.020+/-0.000 χ^2/NDF : 1411769.9/28

0.021+/-0.000 χ^2/NDF : 3157038.8/58

0.021+/-0.000 χ^2/NDF : 1730223.3/29

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 0.893+/-0.000 χ^2/NDF : 2408017556.1/16

Left Out: 0.771+/-0.000 χ^2/NDF : 15184484.8/11

Right Out: 0.928+/-0.000 χ^2/NDF : 2437683008.7/19

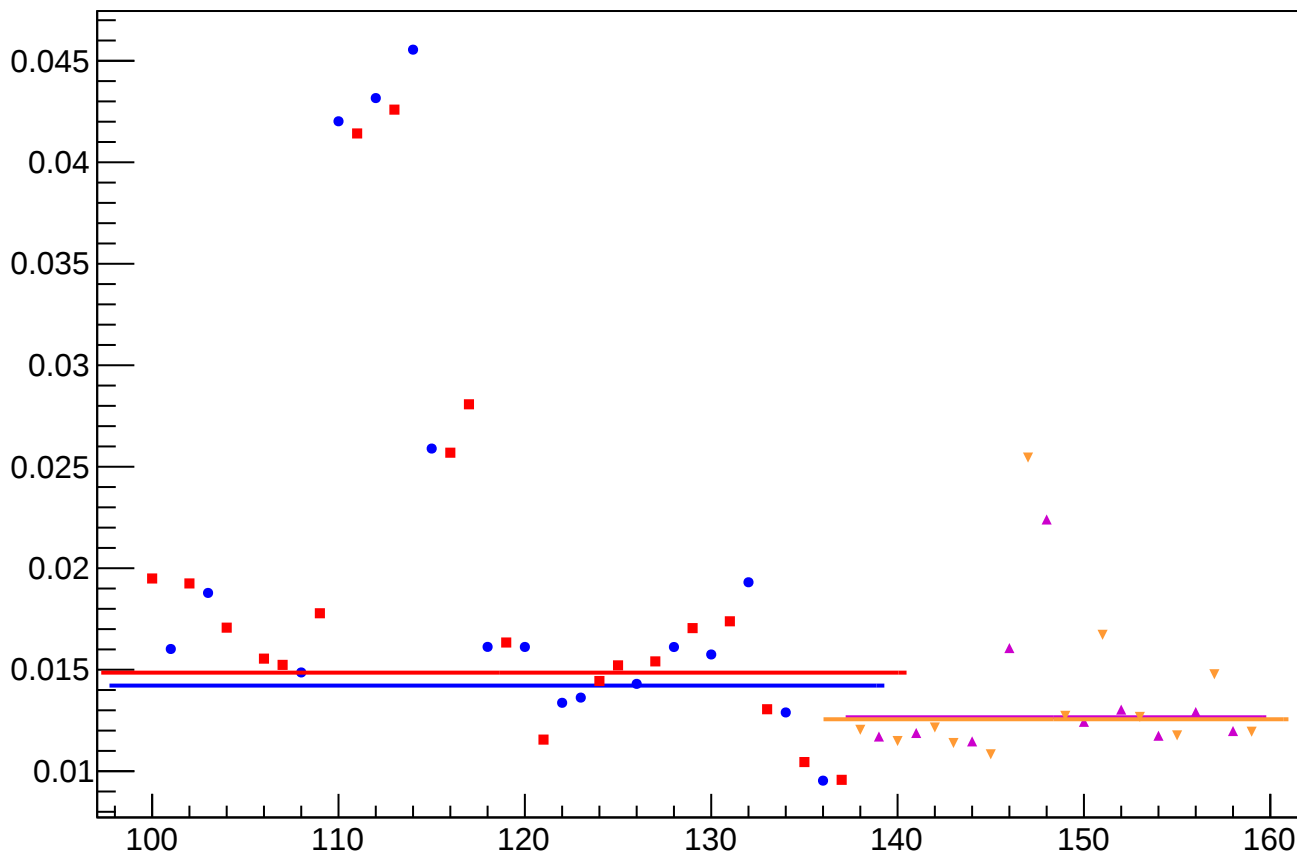
Left In: 0.771+/-0.000 χ^2/NDF : 13146111.9/9

0.813+/-0.000 χ^2/NDF : 2697214050.1/28

0.820+/-0.000 χ^2/NDF : 5587472043.5/58

0.828+/-0.000 χ^2/NDF : 2881656408.5/29

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.000 χ^2/NDF : 1409594.2/16

Left Out: 0.013 $\pm$ 0.000 χ^2/NDF : 582836.3/11

Right Out: 0.015 $\pm$ 0.000 χ^2/NDF : 1286513.9/19

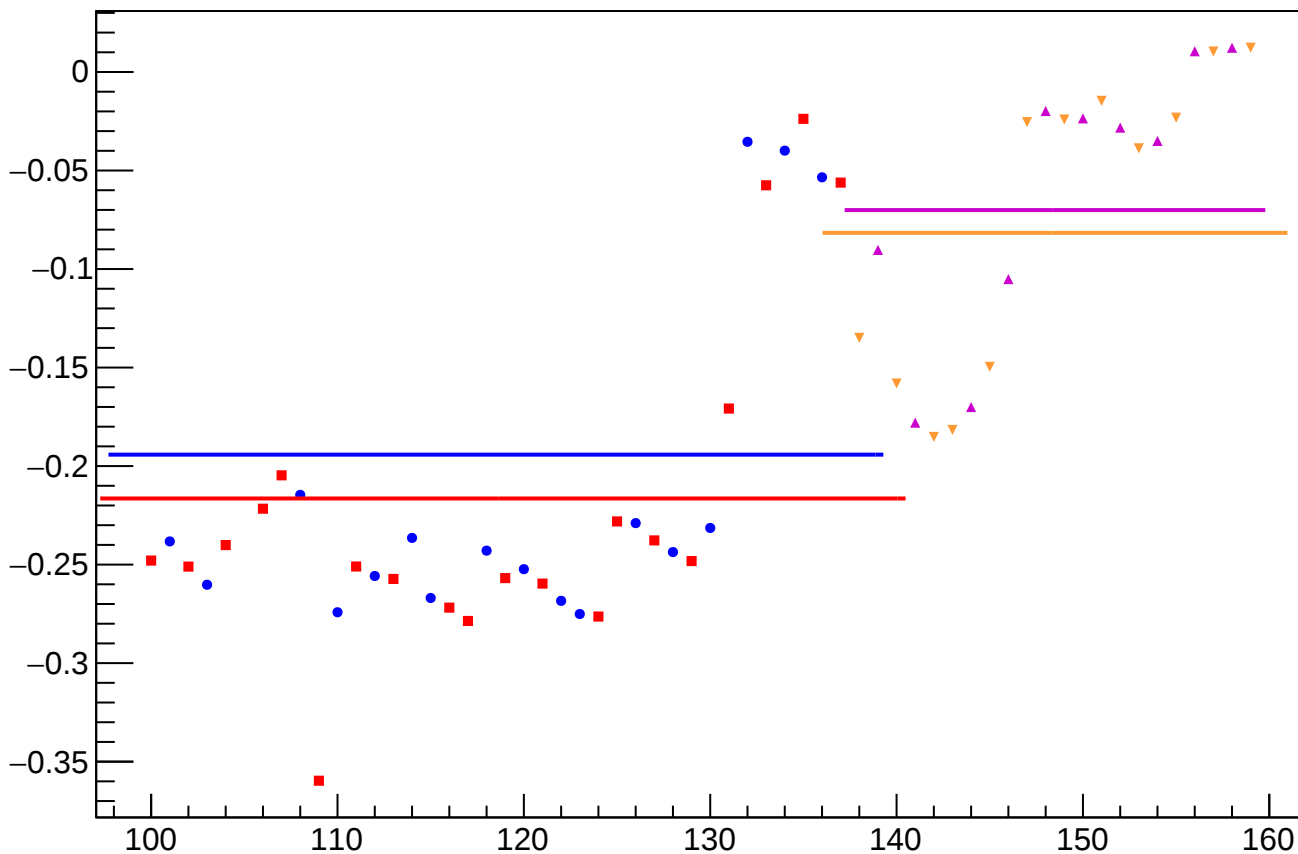
Left In: 0.013 $\pm$ 0.000 χ^2/NDF : 404763.6/9

0.013 $\pm$ 0.000 χ^2/NDF : 2092352.5/28

0.013 $\pm$ 0.000 χ^2/NDF : 3960091.6/58

0.013 $\pm$ 0.000 χ^2/NDF : 1859652.5/29

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.194+/-0.000 χ^2/NDF : 108425823.4/16

Left Out: -0.082+/-0.000 χ^2/NDF : 103484660.5/11

Right Out: -0.216+/-0.000 χ^2/NDF : 111217219.2/19

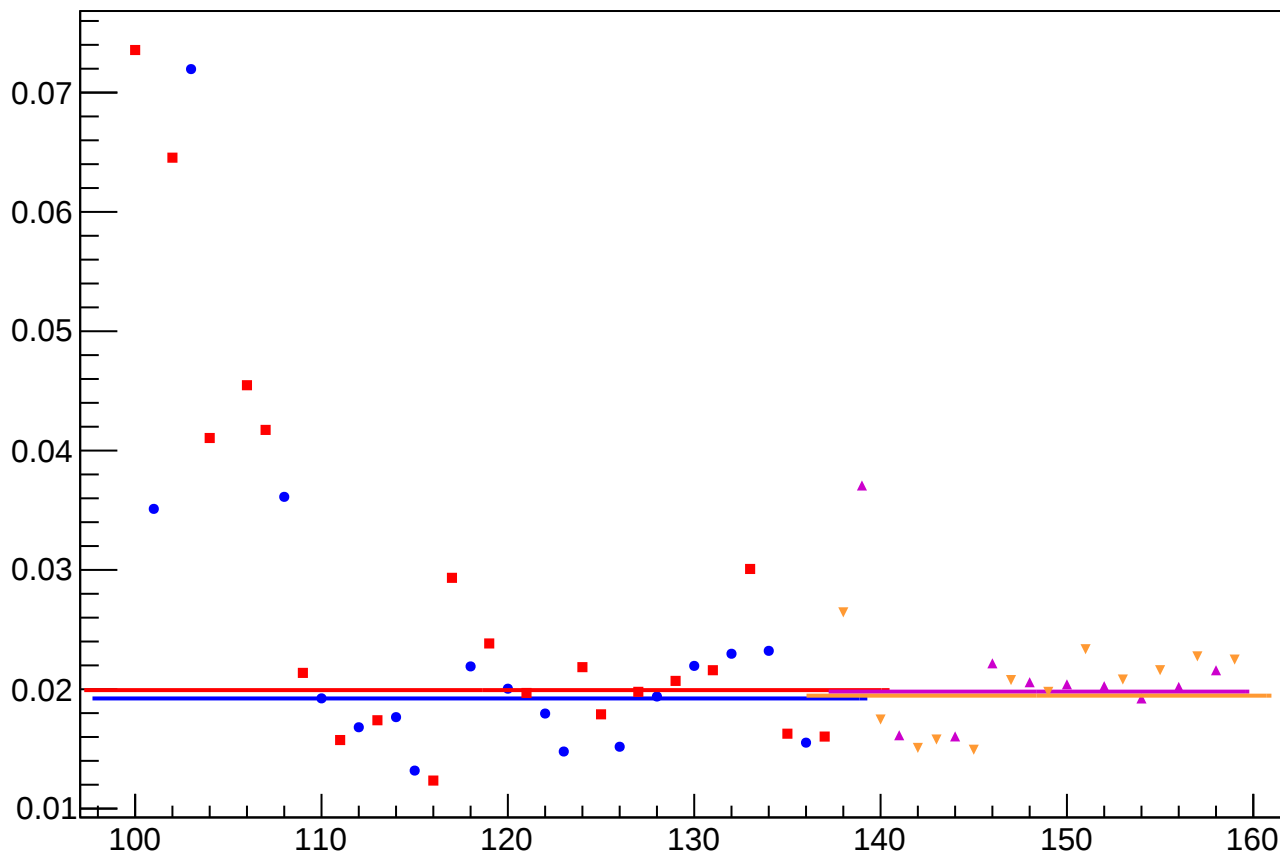
Left In: -0.070+/-0.000 χ^2/NDF : 86060769.1/9

-0.129+/-0.000 χ^2/NDF : 310023552.6/28

-0.132+/-0.000 χ^2/NDF : 664264584.0/58

-0.135+/-0.000 χ^2/NDF : 353723437.7/29

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.019 $\pm$ 0.000 χ^2/NDF : 1174577.3/16

Left Out: 0.019 $\pm$ 0.000 χ^2/NDF : 412533.7/11

Right Out: 0.020 $\pm$ 0.000 χ^2/NDF : 1452730.4/19

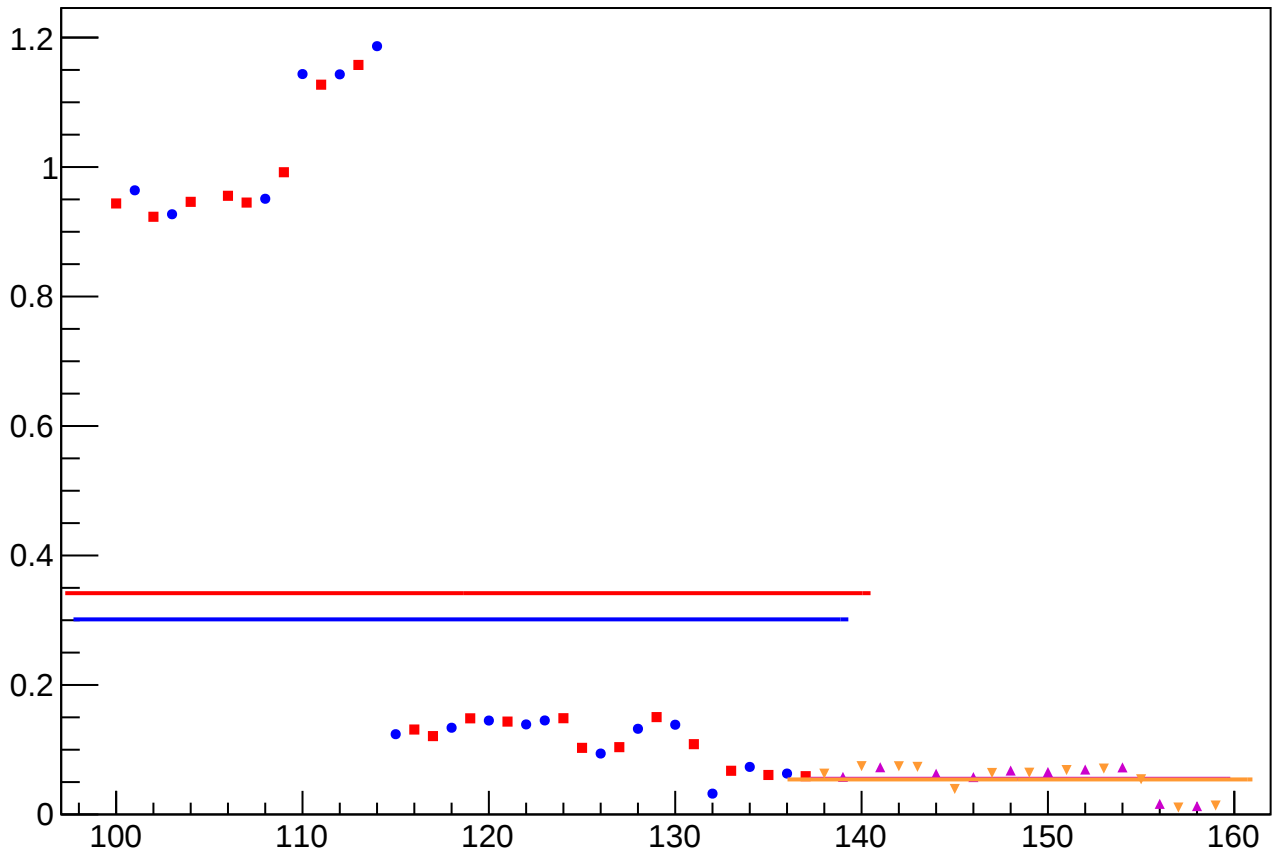
Left In: 0.020 $\pm$ 0.000 χ^2/NDF : 471837.5/9

0.019 $\pm$ 0.000 χ^2/NDF : 1587956.7/28

0.020 $\pm$ 0.000 χ^2/NDF : 3520214.0/58

0.020 $\pm$ 0.000 χ^2/NDF : 1924804.7/29

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.301+/-0.000 χ^2/NDF : 5154791073.8/16

Left Out: 0.054+/-0.000 χ^2/NDF : 34622976.5/11

Right Out: 0.342+/-0.000 χ^2/NDF : 5445885893.4/19

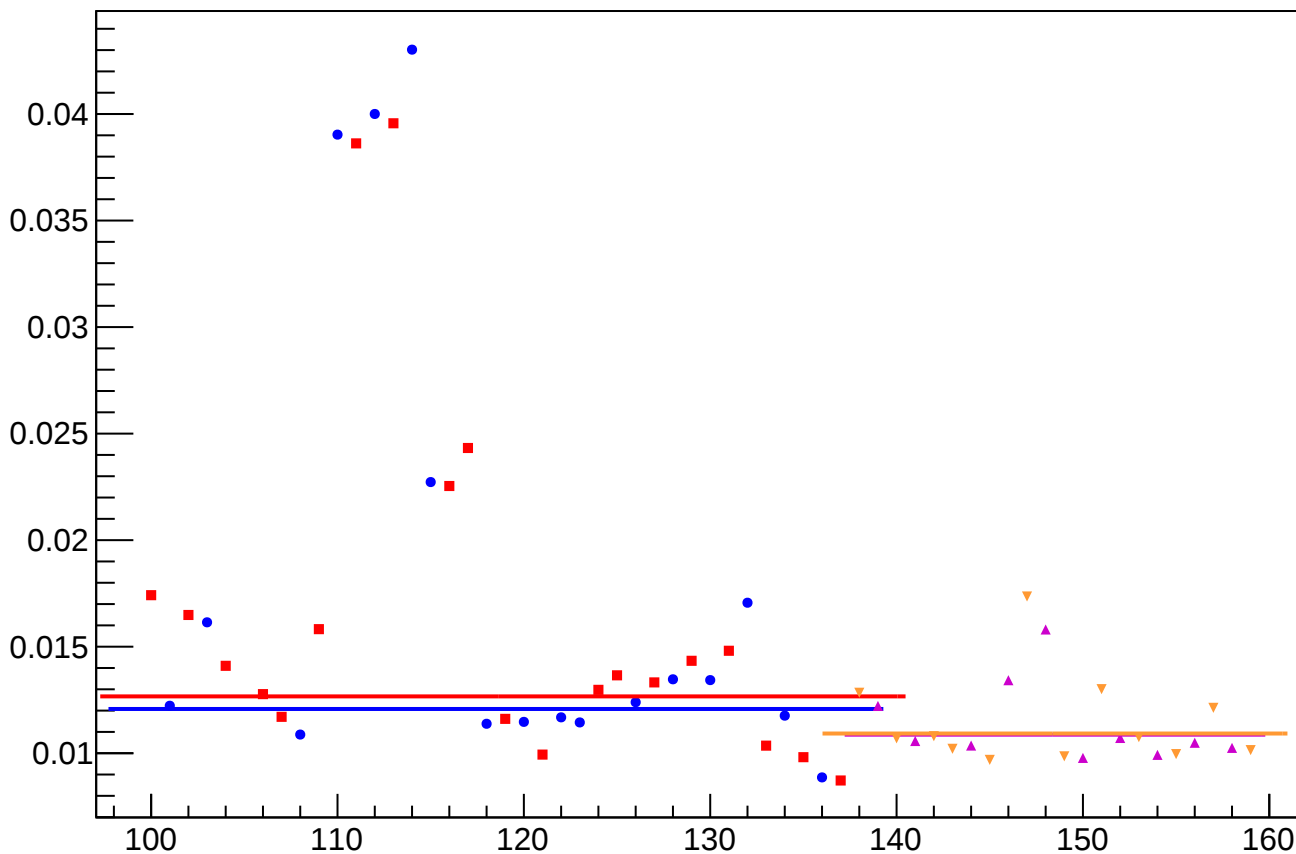
Left In: 0.055+/-0.000 χ^2/NDF : 32464614.1/9

0.141+/-0.000 χ^2/NDF : 6708862266.2/28

0.149+/-0.000 χ^2/NDF : 14143578158.2/5

0.158+/-0.000 χ^2/NDF : 7420206554.0/29

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 1280342.2/16

Left Out: 0.011+/-0.000 χ^2/NDF : 362969.6/11

Right Out: 0.013+/-0.000 χ^2/NDF : 1253755.7/19

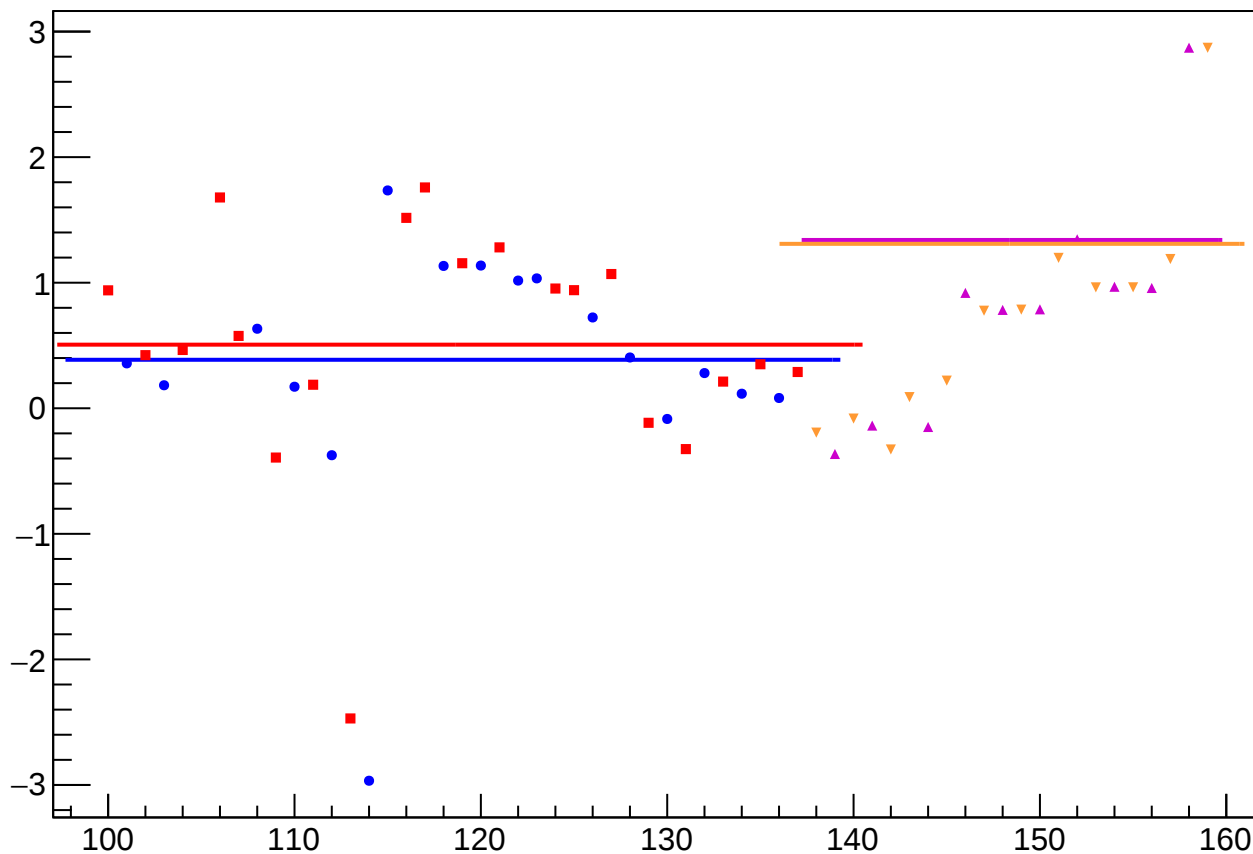
Left In: 0.011+/-0.000 χ^2/NDF : 271705.1/9

0.011+/-0.000 χ^2/NDF : 1709313.0/28

0.011+/-0.000 χ^2/NDF : 3390928.2/58

0.012+/-0.000 χ^2/NDF : 1678046.6/29

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.386 ± 0.000 $\chi^2/\text{NDF}: 246380221.7/16$

Left Out: 1.309 ± 0.000 $\chi^2/\text{NDF}: 11324121108.0/11$

Right Out: 0.507 ± 0.000 $\chi^2/\text{NDF}: 995373603.6/19$

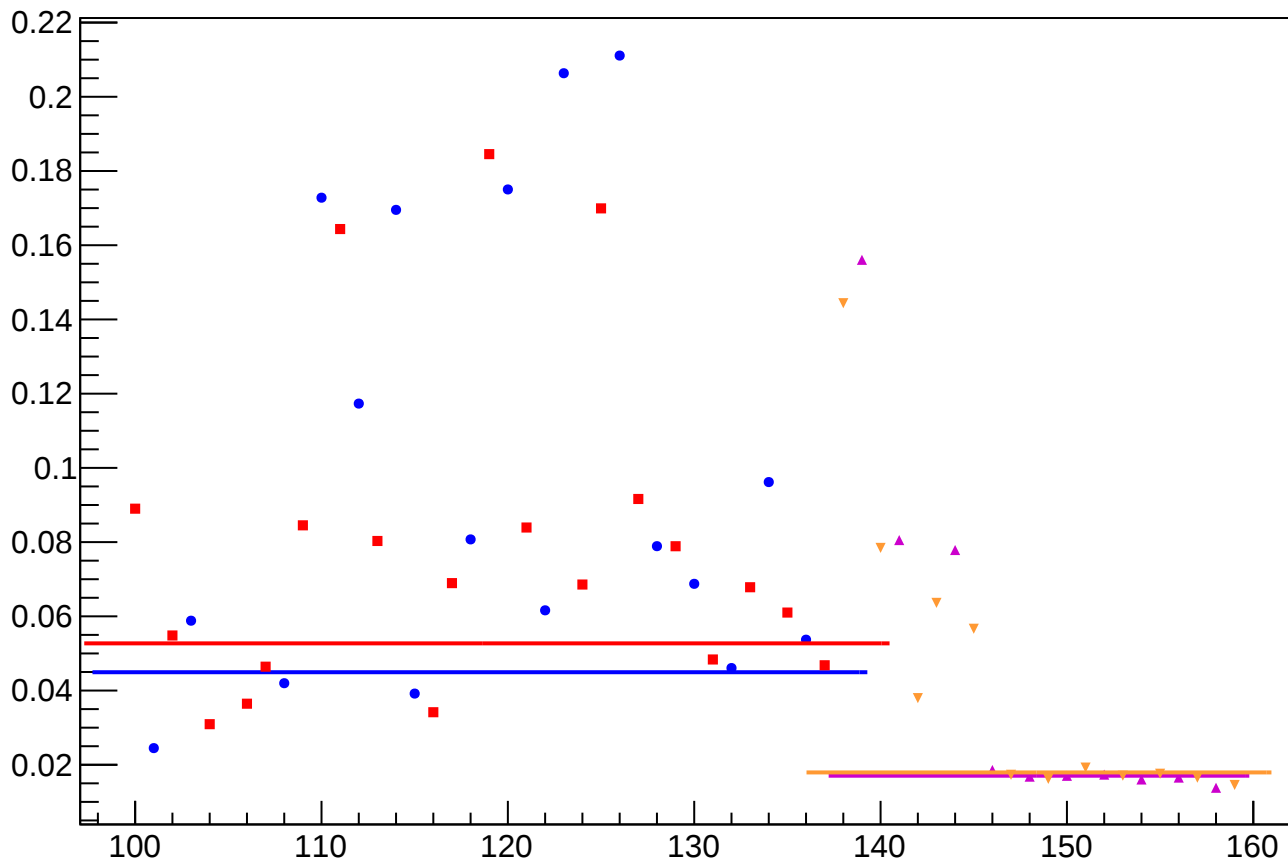
Left In: 1.340 ± 0.000 $\chi^2/\text{NDF}: 11974907230.8/9$

1.227 ± 0.000 $\chi^2/\text{NDF}: 12927407410.2/28$

1.253 ± 0.000 $\chi^2/\text{NDF}: 26885403165.6/5$

1.278 ± 0.000 $\chi^2/\text{NDF}: 13932458101.2/29$

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.045+/-0.000 χ^2/NDF : 2788348.6/16

Left Out: 0.018+/-0.000 χ^2/NDF : 2656299.0/11

Right Out: 0.053+/-0.000 χ^2/NDF : 2195781.8/19

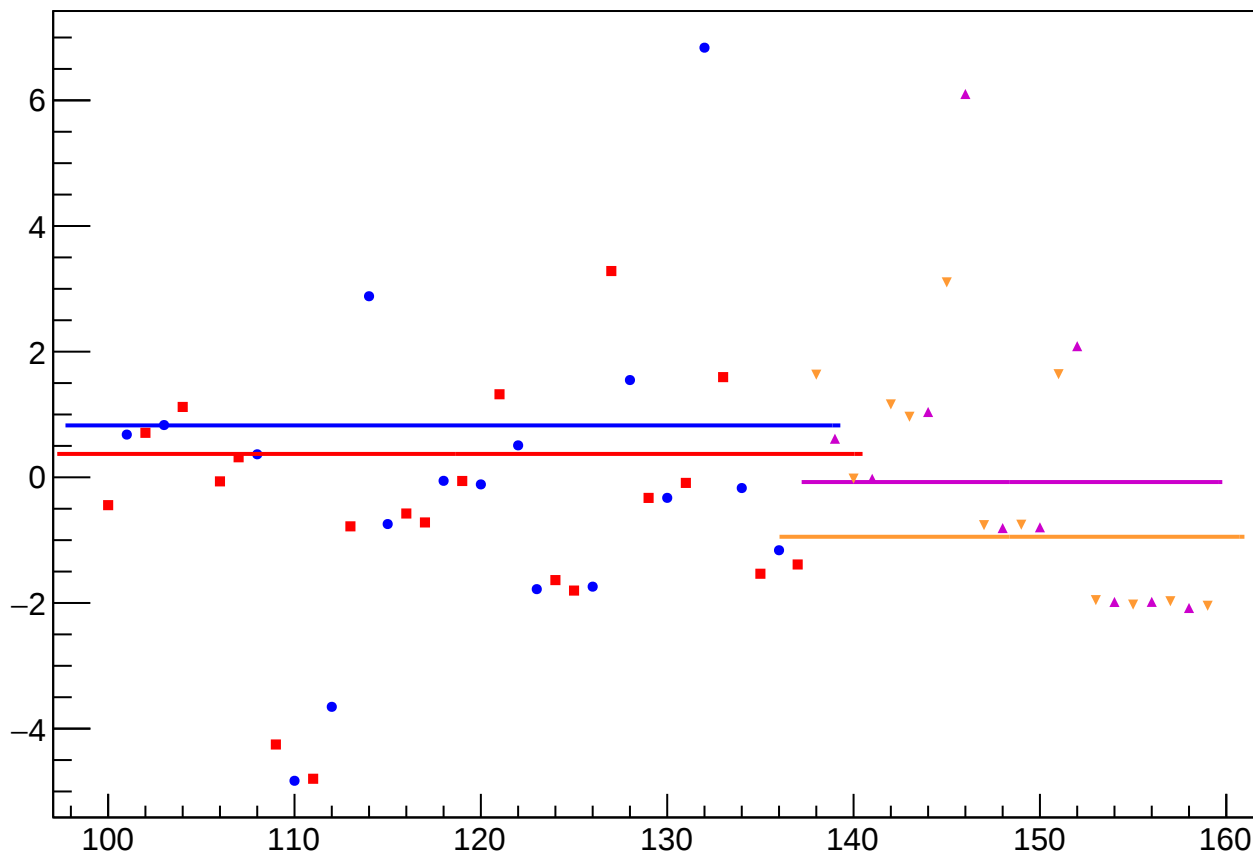
Left In: 0.017+/-0.000 χ^2/NDF : 2347352.5/9

0.020+/-0.000 χ^2/NDF : 7765464.0/28

0.020+/-0.000 χ^2/NDF : 15836334.0/58

0.020+/-0.000 χ^2/NDF : 8063247.1/29

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.826 $\pm$ 0.000 χ^2 /NDF: 10945455664.9/16

Left Out: -0.946 $\pm$ 0.000 χ^2 /NDF: 79971206431.8/11

Right Out: 0.372 $\pm$ 0.000 χ^2 /NDF: 4960201861.0/19

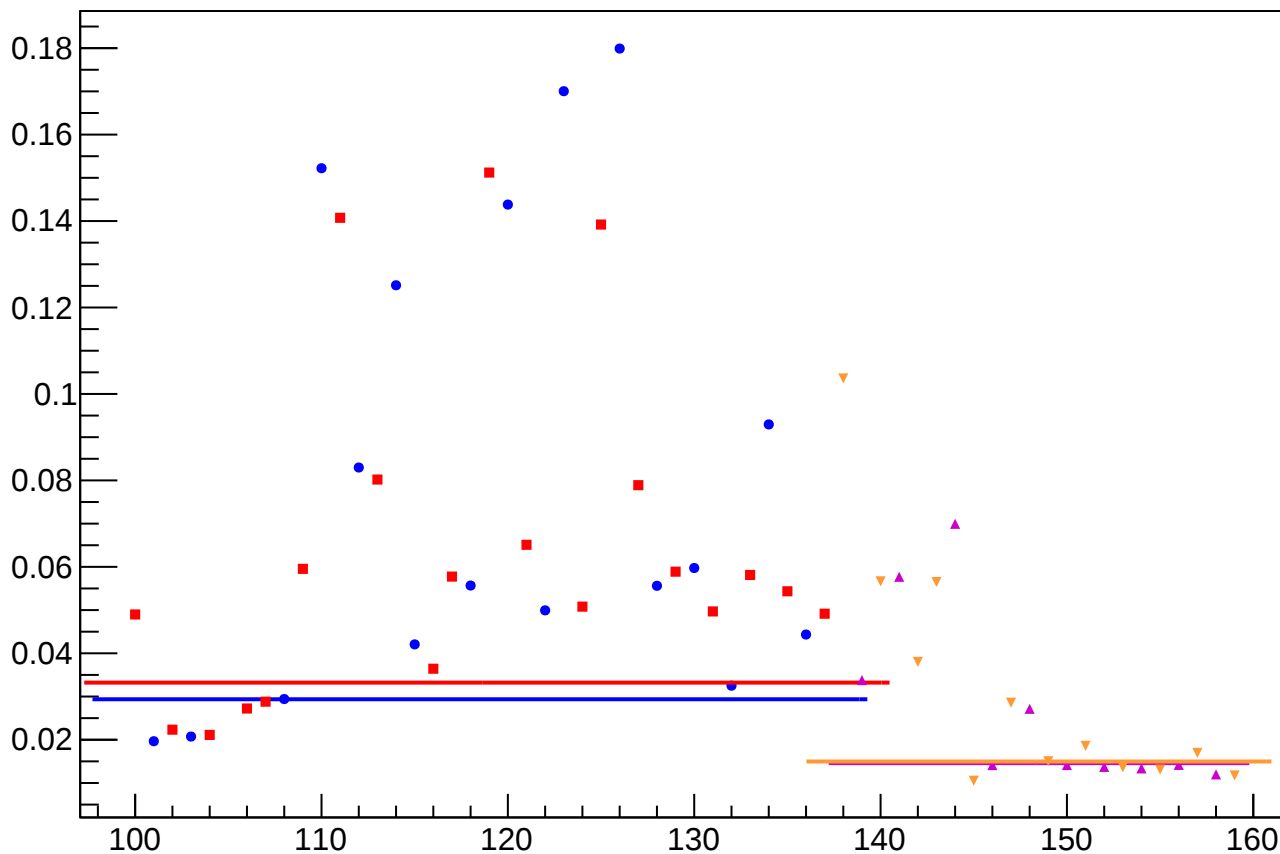
Left In: -0.075 $\pm$ 0.000 χ^2 /NDF: 207584926368.1/9

-0.720 $\pm$ 0.000 χ^2 /NDF: 101693752894.5/28

-0.372 $\pm$ 0.000 χ^2 /NDF: 322315915564.2

-0.024 $\pm$ 0.000 χ^2 /NDF: 213167475266.0/29

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.029+/-0.000 χ^2/NDF : 2987169.5/16

Left Out: 0.015+/-0.000 χ^2/NDF : 2680930.1/11

Right Out: 0.033+/-0.000 χ^2/NDF : 3112299.1/19

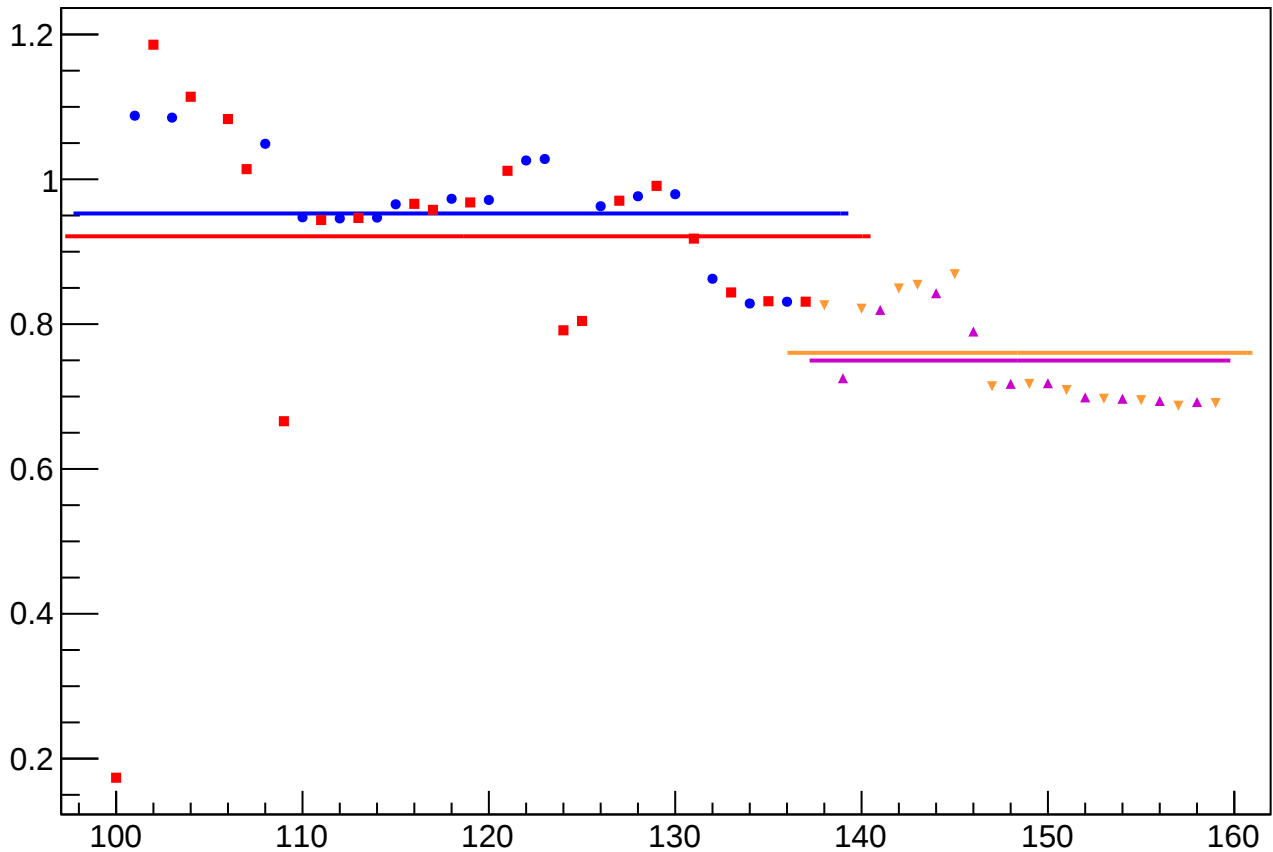
Left In: 0.015+/-0.000 χ^2/NDF : 1772290.0/9

0.017+/-0.000 χ^2/NDF : 7091170.8/28

0.017+/-0.000 χ^2/NDF : 14132127.9/58

0.017+/-0.000 χ^2/NDF : 7040665.8/29

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.953 $\pm$ 0.000 χ^2 /NDF: 175750243.6/16

Left Out: 0.760 $\pm$ 0.000 χ^2 /NDF:222597222.0/11

Right Out: 0.921 $\pm$ 0.000 χ^2 /NDF: 374306248.8/19

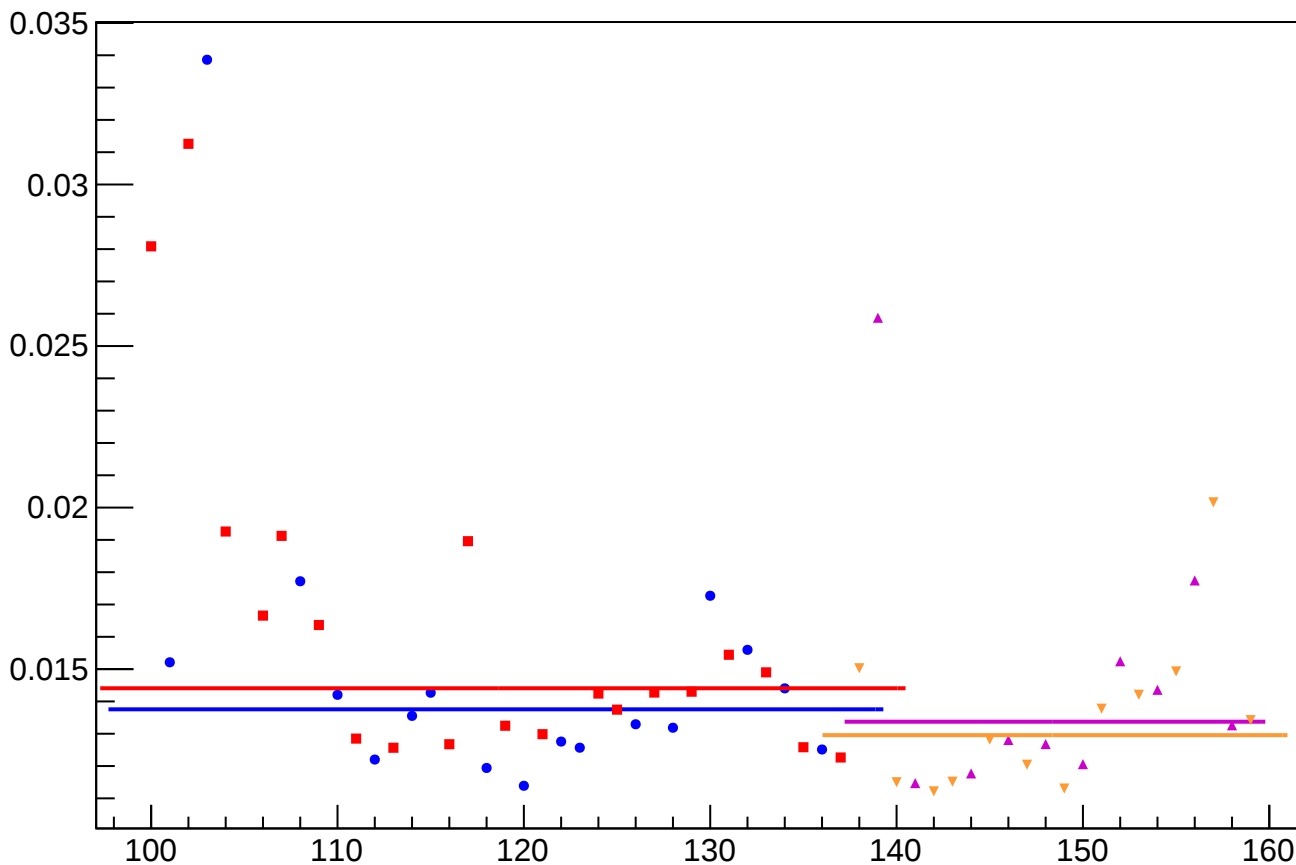
Left In: 0.750 $\pm$ 0.000 χ^2 /NDF:131087543.8/9

0.838 $\pm$ 0.000 χ^2 /NDF: 1072678242.7/28

0.831 $\pm$ 0.000 χ^2 /NDF: 2083666617.7/58

0.823 $\pm$ 0.000 χ^2 /NDF: 1003086588.5/29

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 538469.4/16

Left Out: 0.013+/-0.000 χ^2/NDF : 313127.8/11

Right Out: 0.014+/-0.000 χ^2/NDF : 508622.9/19

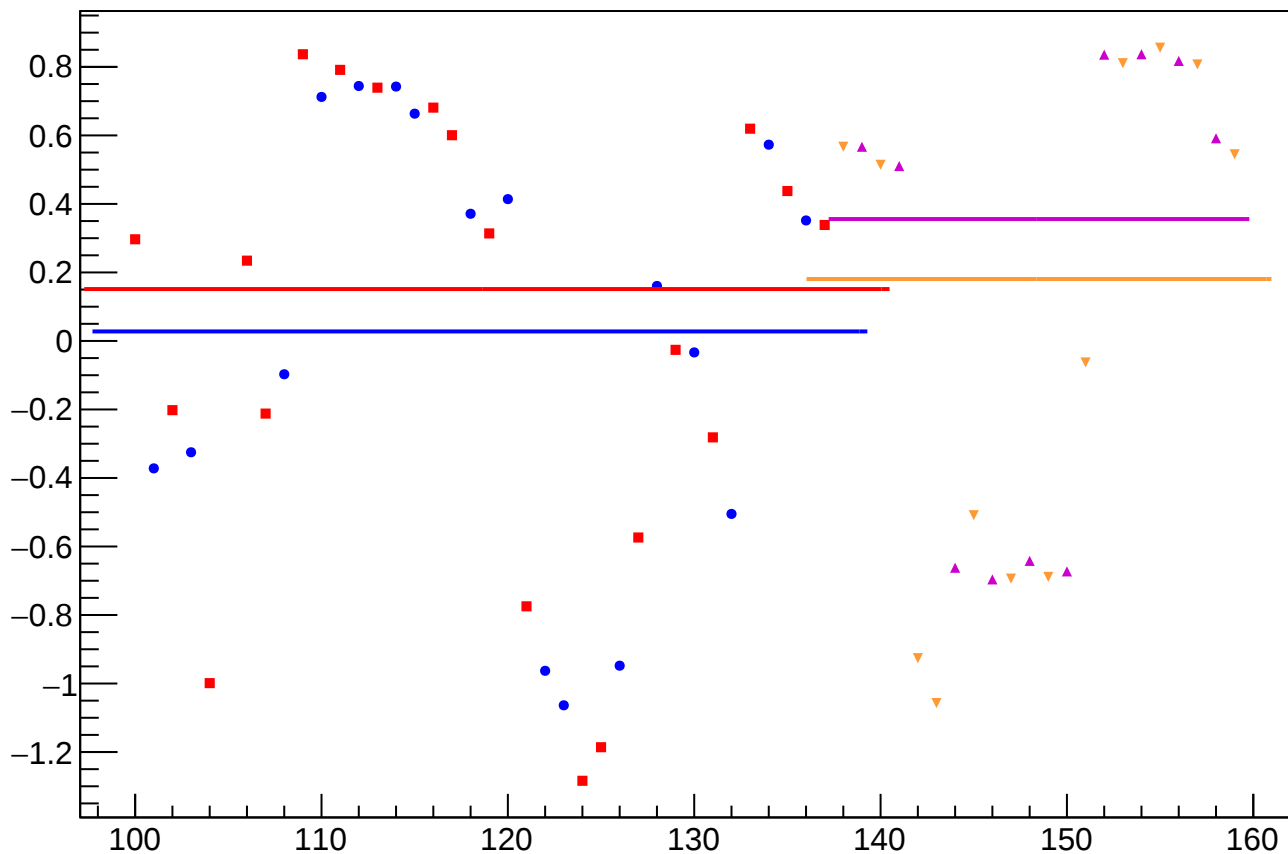
Left In: 0.013+/-0.000 χ^2/NDF : 531935.4/9

0.013+/-0.000 χ^2/NDF : 874875.7/28

0.014+/-0.000 χ^2/NDF : 1972483.3/58

0.014+/-0.000 χ^2/NDF : 1076805.3/29

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: 0.028 $\pm$ 0.000 χ^2/NDF : 6276955529.7/16

Left Out: 0.181 $\pm$ 0.000 χ^2/NDF : 23127901565.4/11

Right Out: 0.152 $\pm$ 0.000 χ^2/NDF : 12665480117.0/19

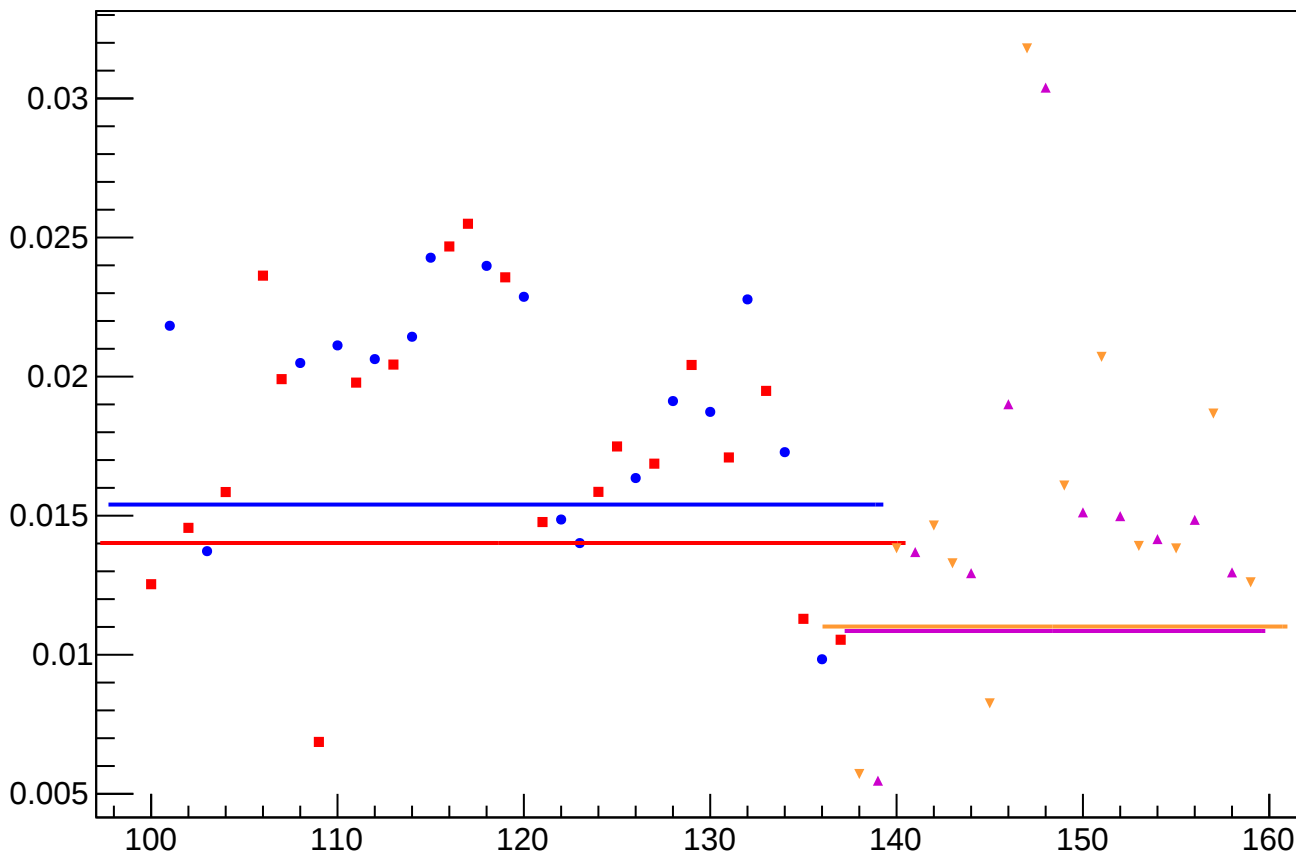
Left In: 0.356 $\pm$ 0.000 χ^2/NDF : 15880442887.1/9

0.136 $\pm$ 0.000 χ^2/NDF : 29795830404.2/28

0.211 $\pm$ 0.000 χ^2/NDF : 60027336321.4/5

0.285 $\pm$ 0.000 χ^2/NDF : 29326342844.4/29

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 1141655.8/16

Left Out: 0.011+/-0.000 χ^2/NDF : 2806679.7/11

Right Out: 0.014+/-0.000 χ^2/NDF : 1576882.7/19

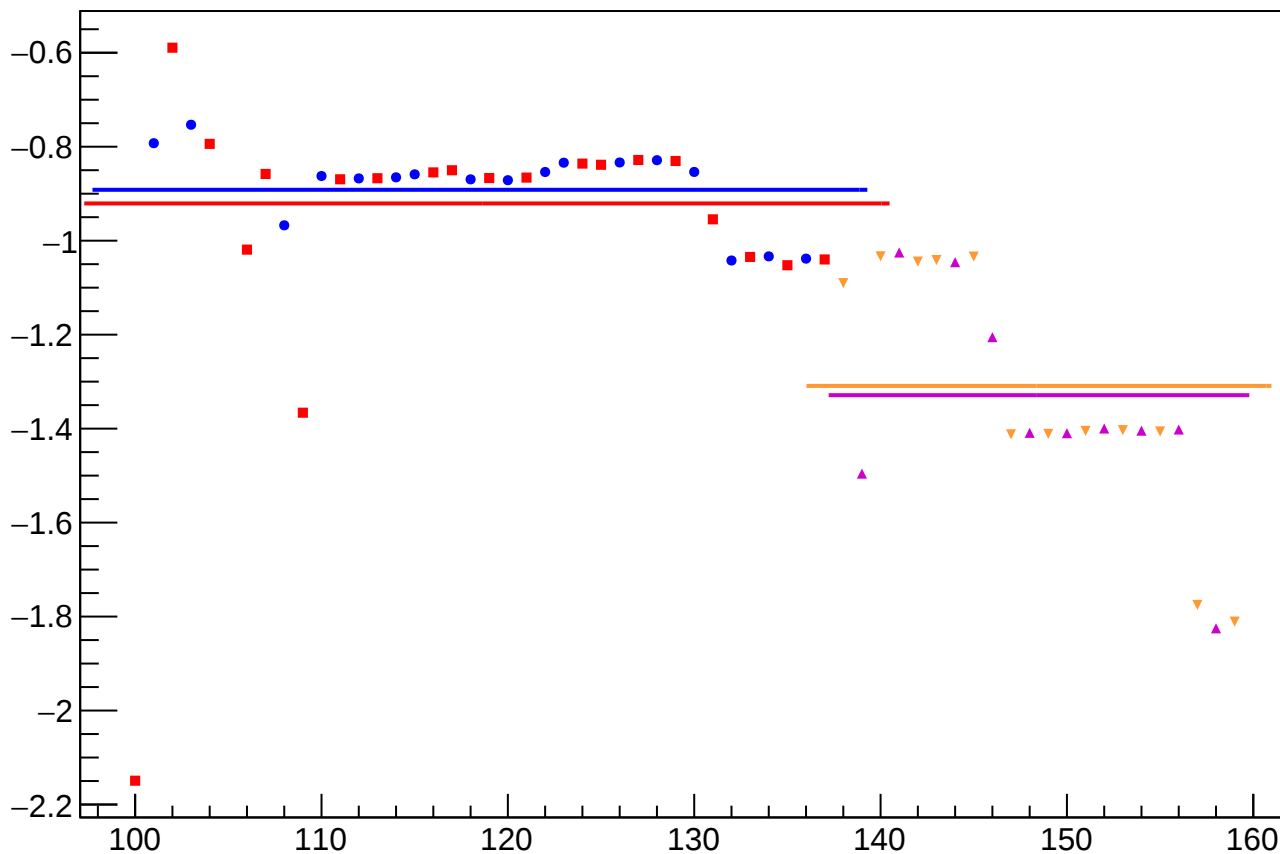
Left In: 0.011+/-0.000 χ^2/NDF : 2797944.4/9

0.012+/-0.000 χ^2/NDF : 4590558.6/28

0.012+/-0.000 χ^2/NDF : 9349314.9/58

0.012+/-0.000 χ^2/NDF : 4748930.4/29

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.892+/-0.000 χ^2/NDF : 39793337.2/16

Left Out: -1.309+/-0.000 χ^2/NDF : 434721998.2/11

Right Out: -0.921+/-0.000 χ^2/NDF : 131248005.3/19

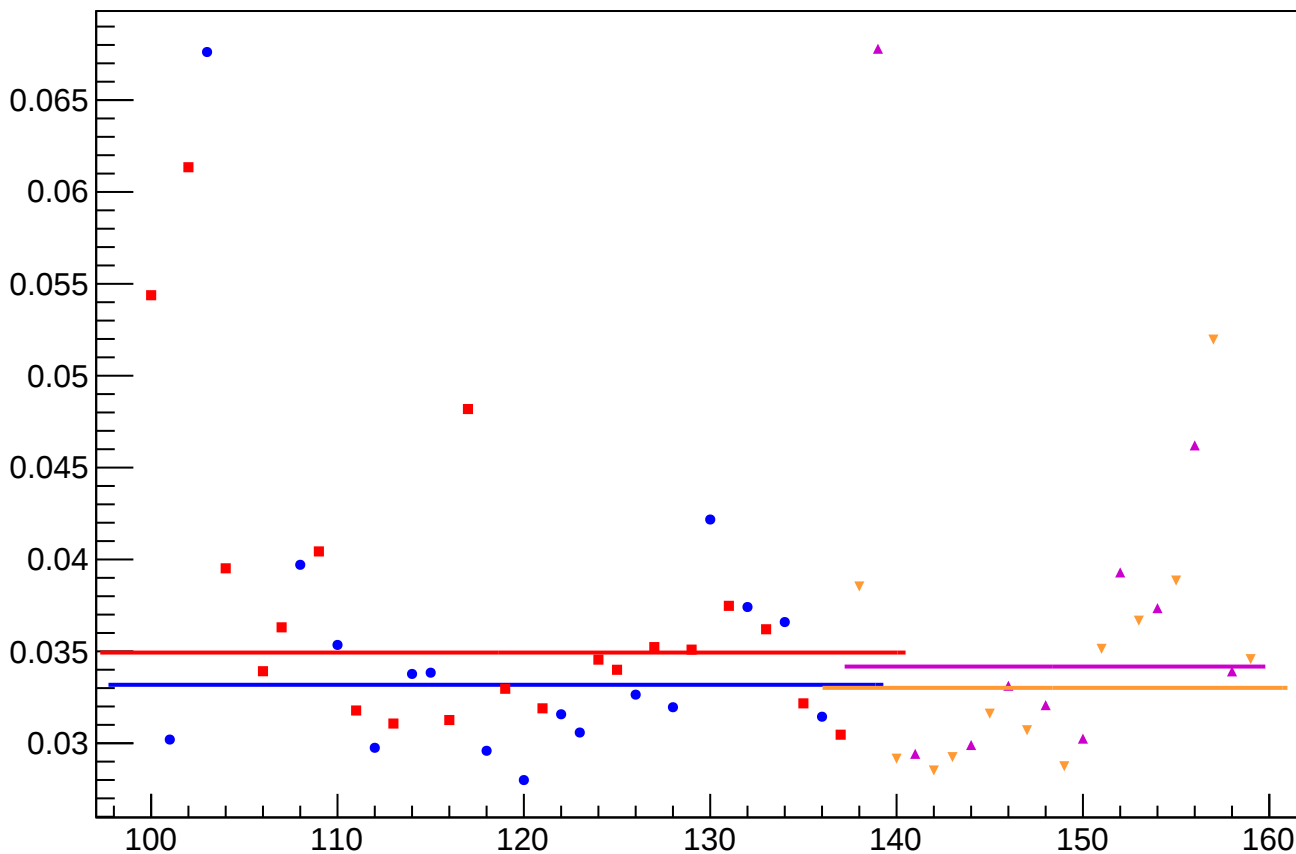
Left In: -1.329+/-0.000 χ^2/NDF : 331256746.9/9

-1.129+/-0.000 χ^2/NDF : 996492061.9/28

-1.135+/-0.000 χ^2/NDF : 1918897788.8/50

-1.143+/-0.000 χ^2/NDF : 921265737.0/29

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.033+/-0.000 χ^2/NDF : 400106.0/16

Left Out: 0.033+/-0.000 χ^2/NDF : 337454.3/11

Right Out: 0.035+/-0.000 χ^2/NDF : 281256.5/19

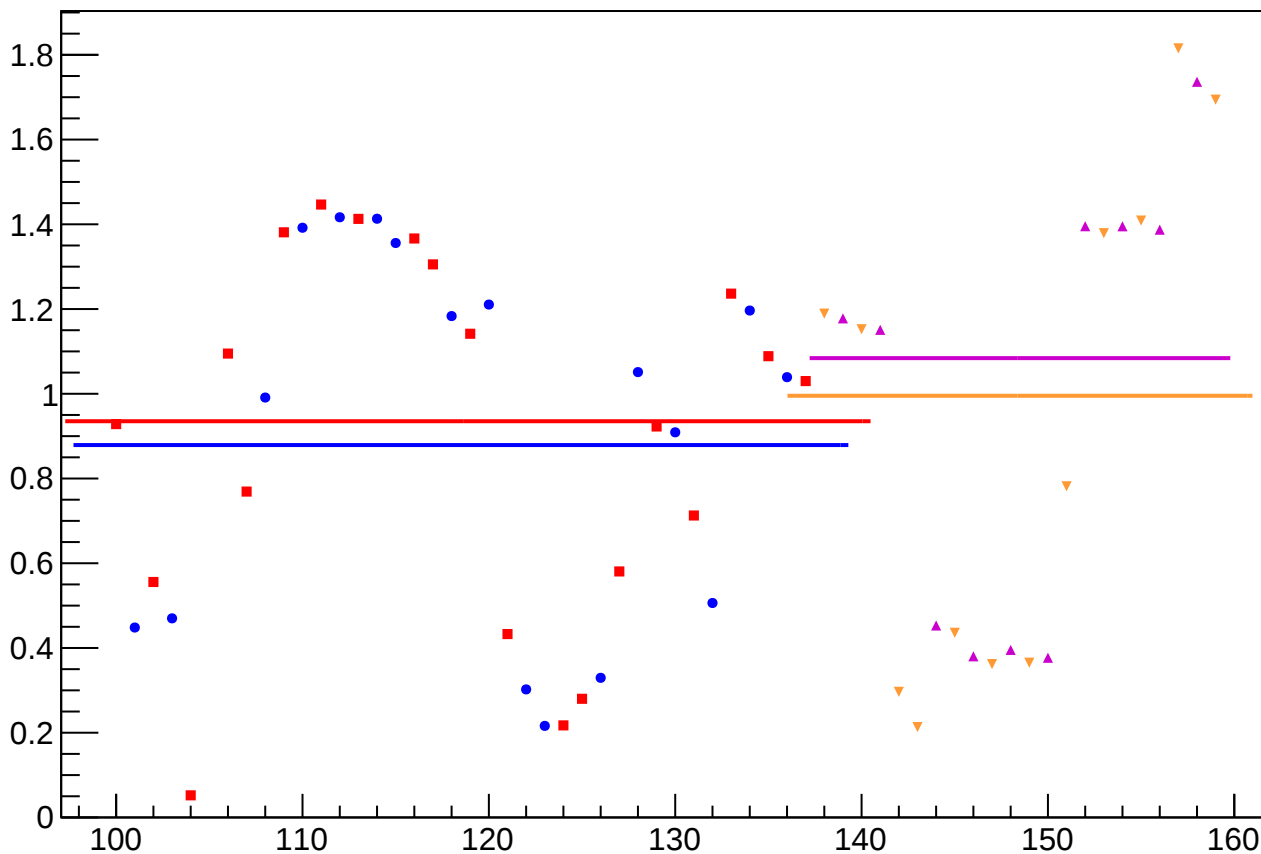
Left In: 0.034+/-0.000 χ^2/NDF : 573363.2/9

0.033+/-0.000 χ^2/NDF : 737726.2/28

0.034+/-0.000 χ^2/NDF : 1619485.4/58

0.035+/-0.000 χ^2/NDF : 857823.5/29

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.879+/-0.000 χ^2/NDF : 6371602566.2/16

Left Out: 0.995+/-0.000 χ^2/NDF : 27782343770.6/11

Right Out: 0.935+/-0.000 χ^2/NDF : 9844960466.1/19

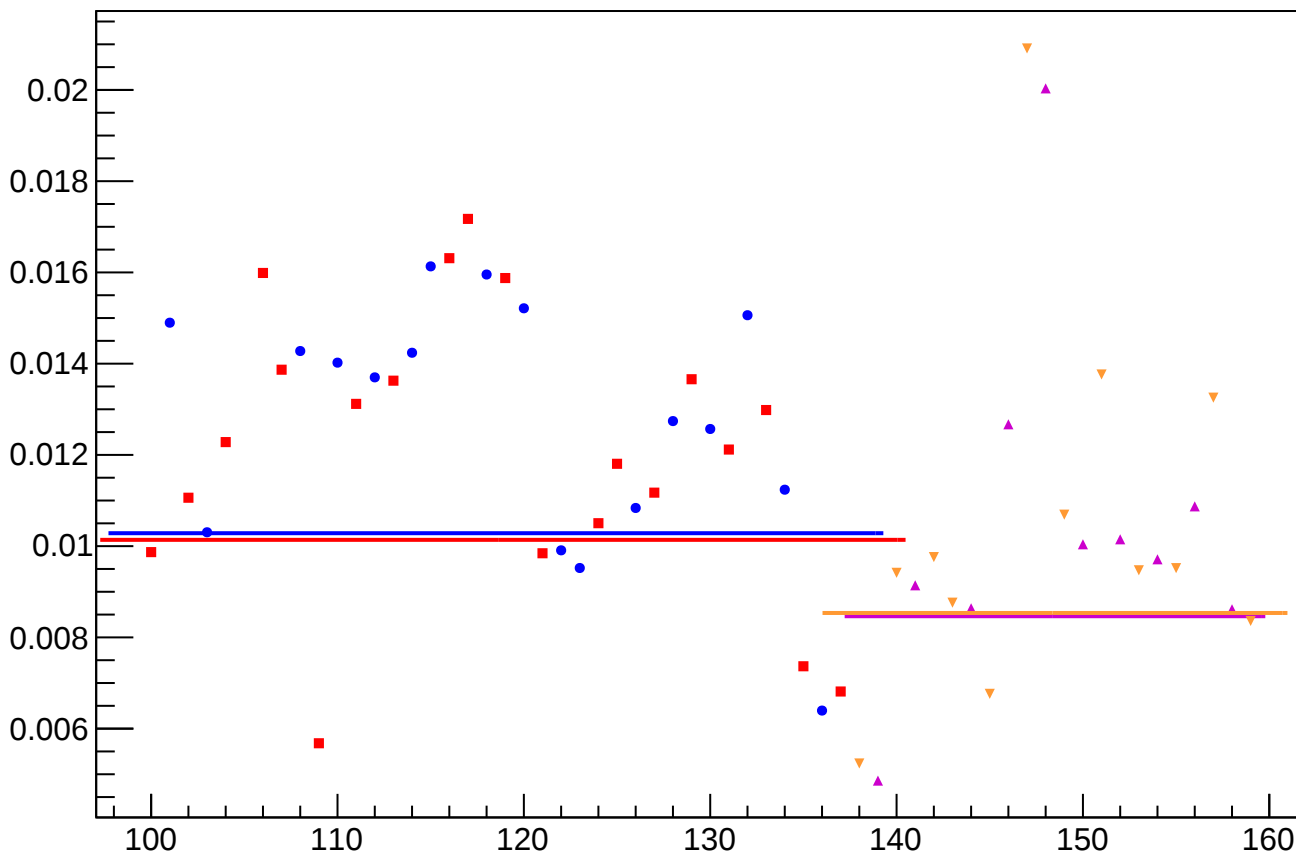
Left In: 1.084+/-0.000 χ^2/NDF : 18786151713.4/9

0.957+/-0.000 χ^2/NDF : 34627896593.1/28

0.993+/-0.000 χ^2/NDF : 64471027397.3/5

1.029+/-0.000 χ^2/NDF : 29430132422.1/29

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.000 χ^2/NDF : 1207460.1/16

Left Out: 0.009 $\pm$ 0.000 χ^2/NDF : 1652426.3/11

Right Out: 0.010 $\pm$ 0.000 χ^2/NDF : 1189529.0/19

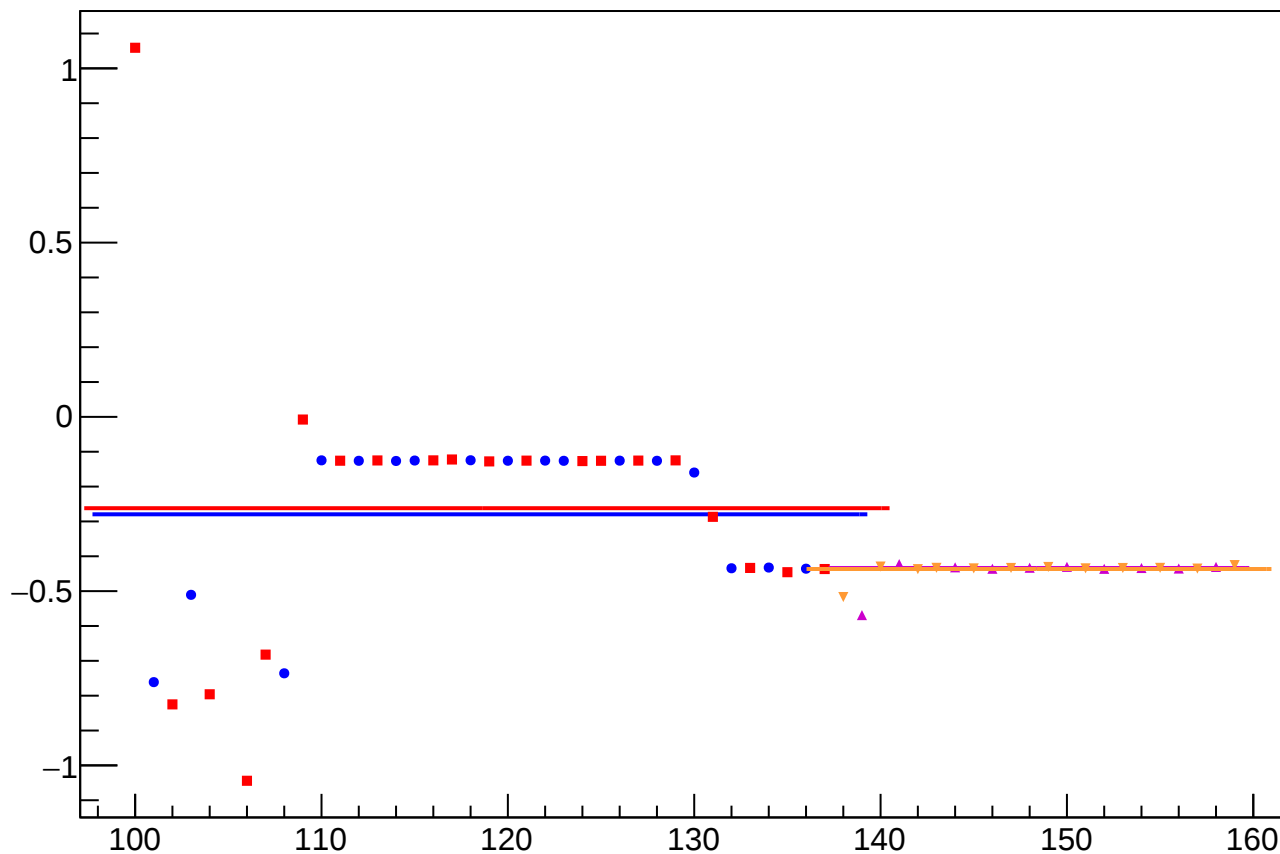
Left In: 0.008 $\pm$ 0.000 χ^2/NDF : 1607782.0/9

0.009 $\pm$ 0.000 χ^2/NDF : 3073993.9/28

0.009 $\pm$ 0.000 χ^2/NDF : 6073418.0/58

0.009 $\pm$ 0.000 χ^2/NDF : 2999209.9/29

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.280+/-0.000 χ^2/NDF : 929210245.5/16

Left Out: -0.436+/-0.000 χ^2/NDF : 25403158.5/11

Right Out: -0.262+/-0.000 χ^2/NDF : 1007161741.8/19

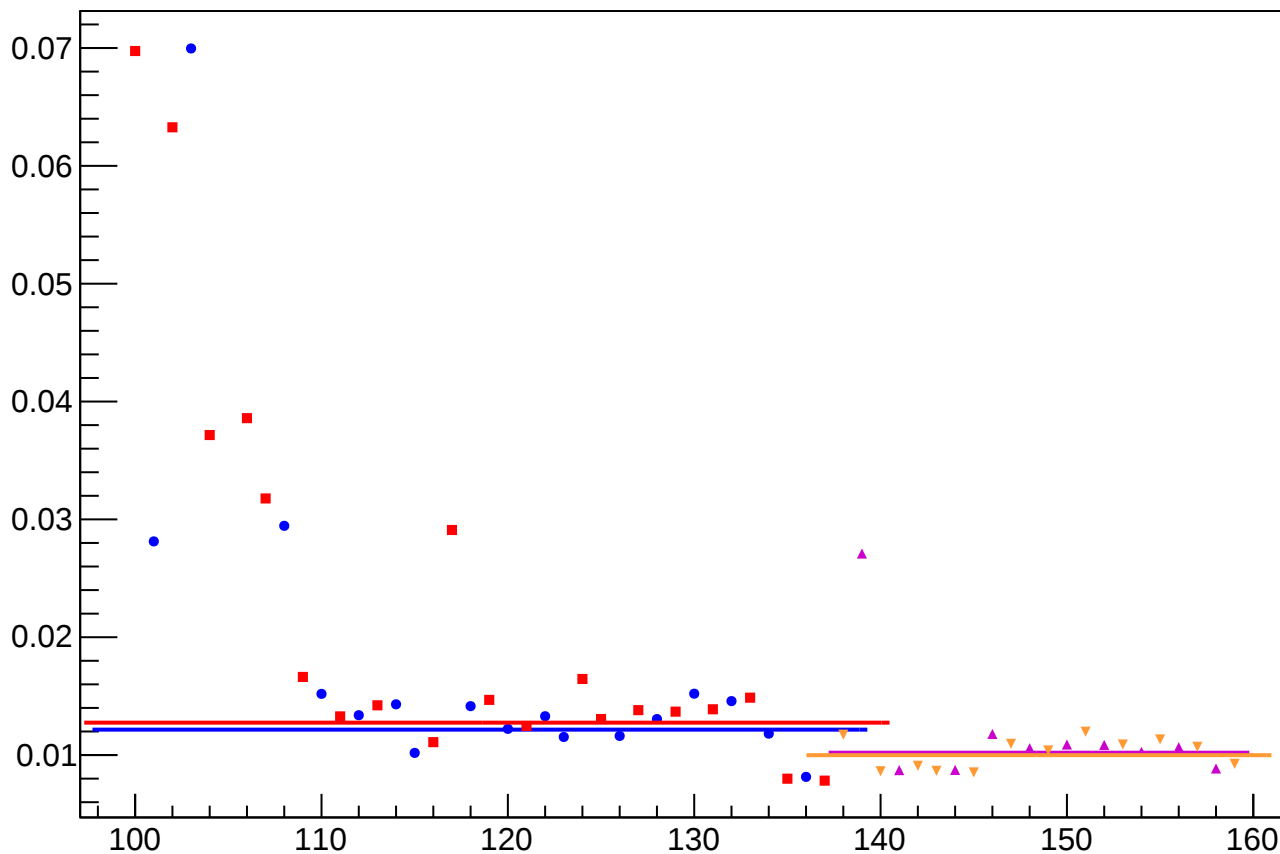
Left In: -0.434+/-0.000 χ^2/NDF : 18967404.5/9

-0.389+/-0.000 χ^2/NDF : 1495621891.0/28

-0.384+/-0.000 χ^2/NDF : 3124785954.8/50

-0.379+/-0.000 χ^2/NDF : 1623747594.7/29

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.000 χ^2/NDF : 1722777.4/16

Left Out: 0.010 $\pm$ 0.000 χ^2/NDF : 210191.3/11

Right Out: 0.013 $\pm$ 0.000 χ^2/NDF : 1991972.4/19

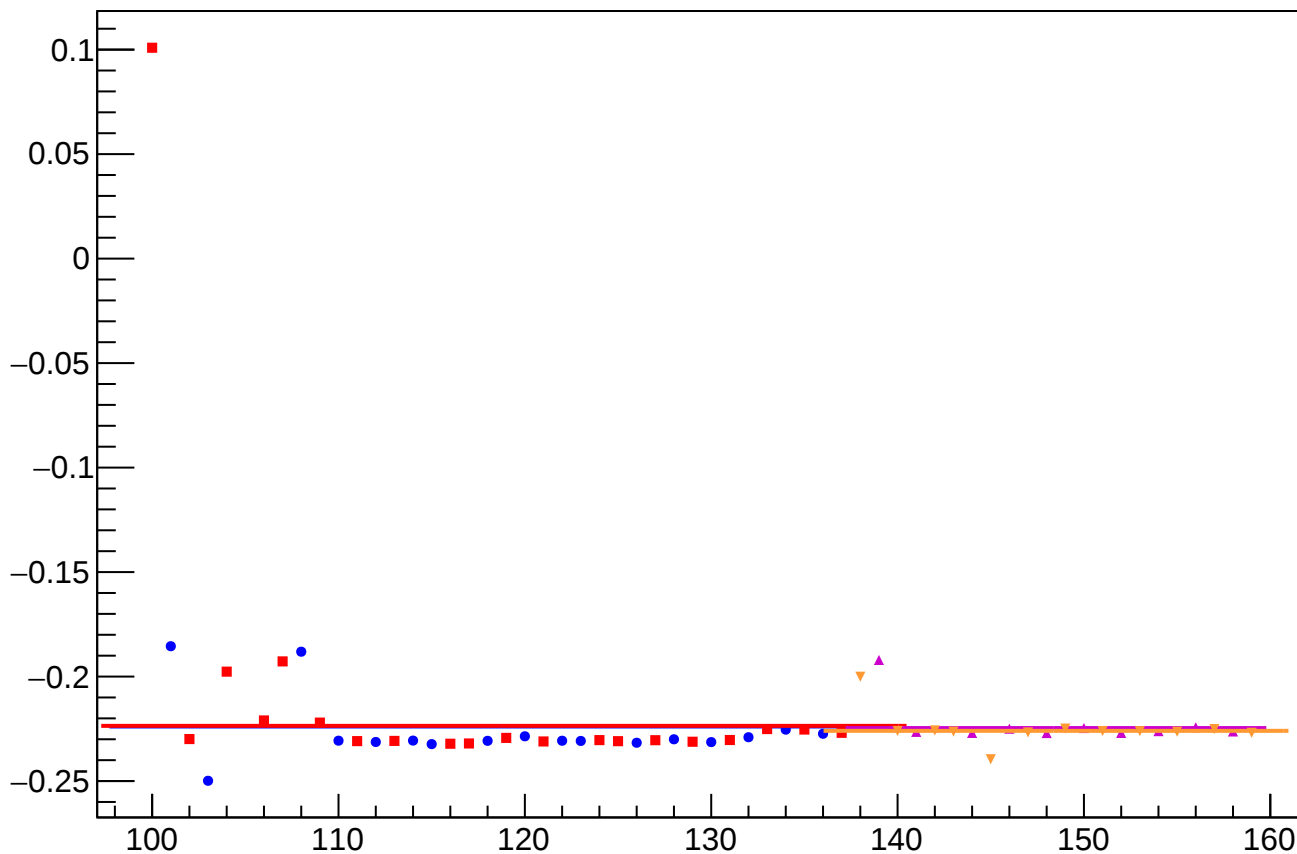
Left In: 0.010 $\pm$ 0.000 χ^2/NDF : 698809.9/9

0.011 $\pm$ 0.000 χ^2/NDF : 2139425.4/28

0.011 $\pm$ 0.000 χ^2/NDF : 5108047.6/58

0.011 $\pm$ 0.000 χ^2/NDF : 2954971.9/29

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.224+/-0.000 χ^2/NDF : 74600073.9/16

Left Out: -0.226+/-0.000 χ^2/NDF : 20563288.2/11

Right Out: -0.224+/-0.000 χ^2/NDF : 168229582.1/19

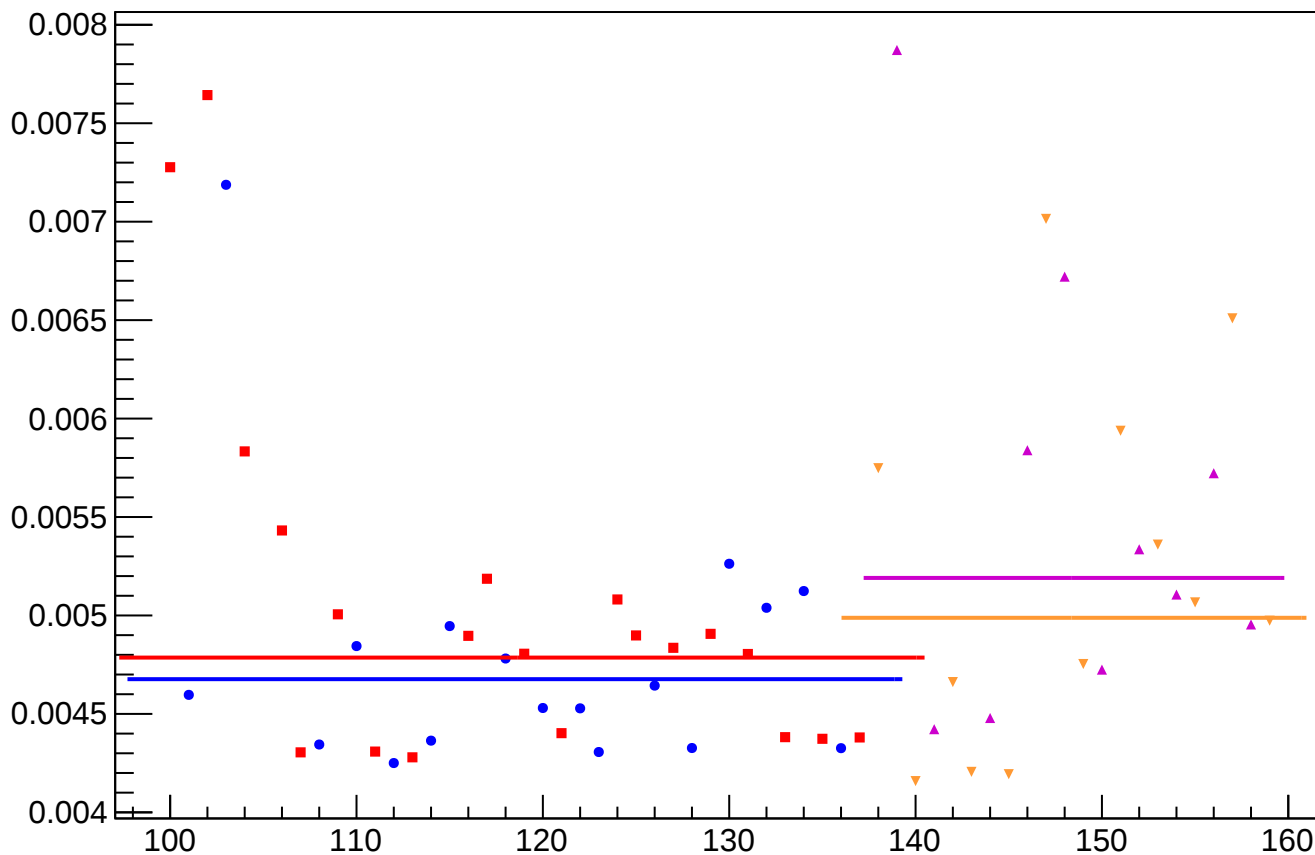
Left In: -0.225+/-0.000 χ^2/NDF : 12524576.3/9

-0.225+/-0.000 χ^2/NDF : 95811398.4/28

-0.225+/-0.000 χ^2/NDF : 276957790.8/58

-0.224+/-0.000 χ^2/NDF : 180911062.6/29

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 180780.8/16

Left Out: 0.005+/-0.000 χ^2/NDF : 424101.4/11

Right Out: 0.005+/-0.000 χ^2/NDF : 248745.3/19

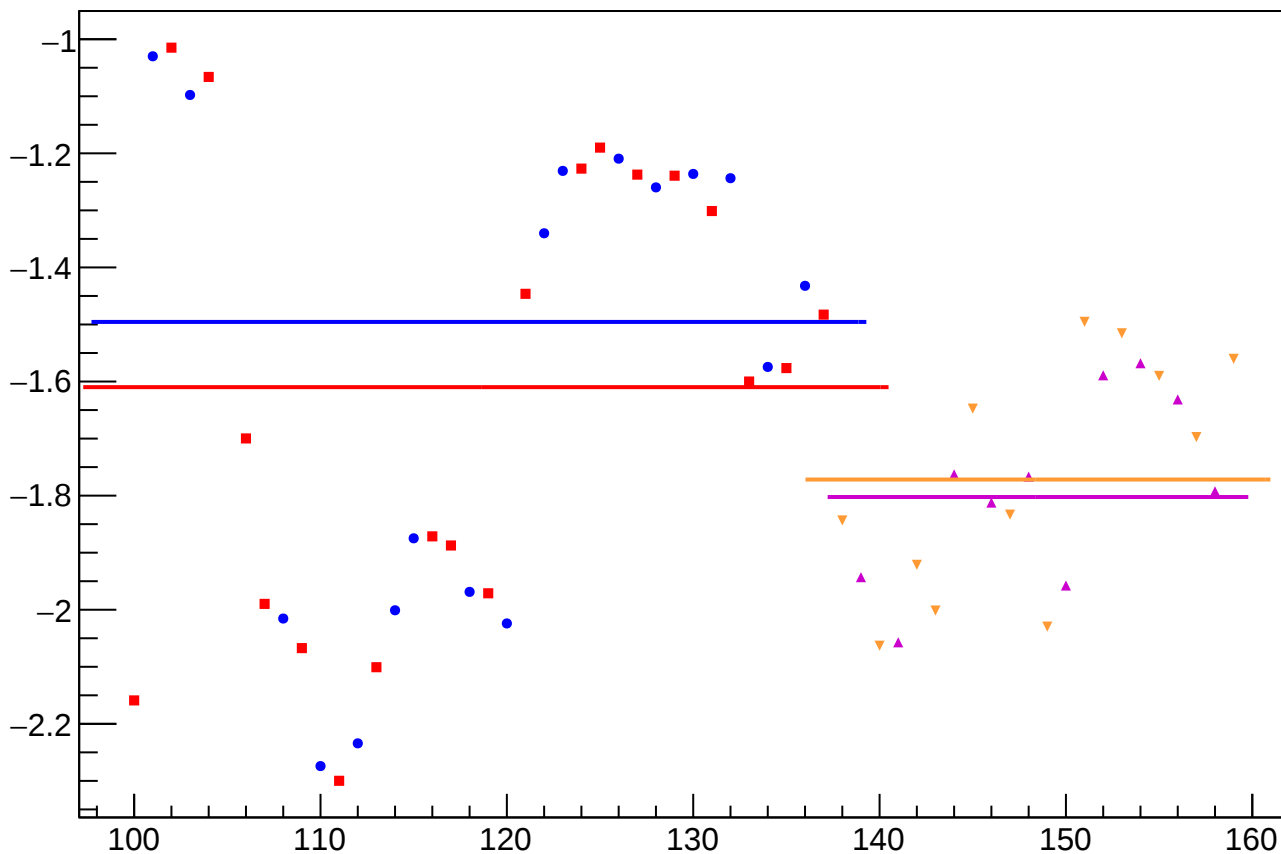
Left In: 0.005+/-0.000 χ^2/NDF : 376804.8/9

0.005+/-0.000 χ^2/NDF : 633802.2/28

0.005+/-0.000 χ^2/NDF : 1316915.1/58

0.005+/-0.000 χ^2/NDF : 671411.2/29

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.496+/-0.000 χ^2/NDF : 22506050663.3/16

Left Out: -1.772+/-0.000 χ^2/NDF : 9619469586.2/11

Right Out: -1.610+/-0.000 χ^2/NDF : 27936032778.6/19

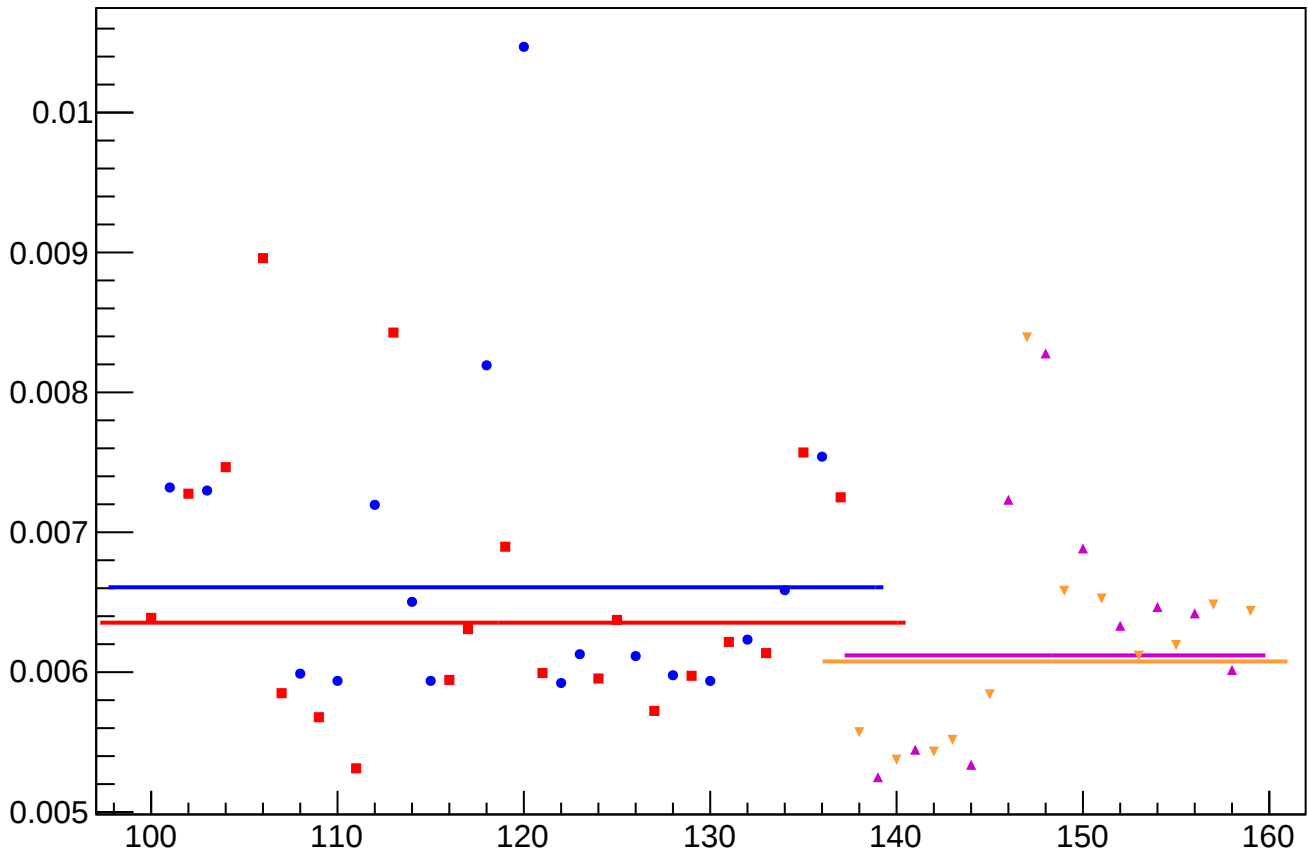
Left In: -1.802+/-0.000 χ^2/NDF : 5232077946.9/9

-1.667+/-0.000 χ^2/NDF : 38699798951.9/28

-1.691+/-0.000 χ^2/NDF : 75658318930.3/30

-1.716+/-0.000 χ^2/NDF : 36520320057.6/29

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 201323.2/16

Left Out: 0.006+/-0.000 χ^2/NDF :198735.3/11

Right Out: 0.006+/-0.000 χ^2/NDF : 227292.5/19

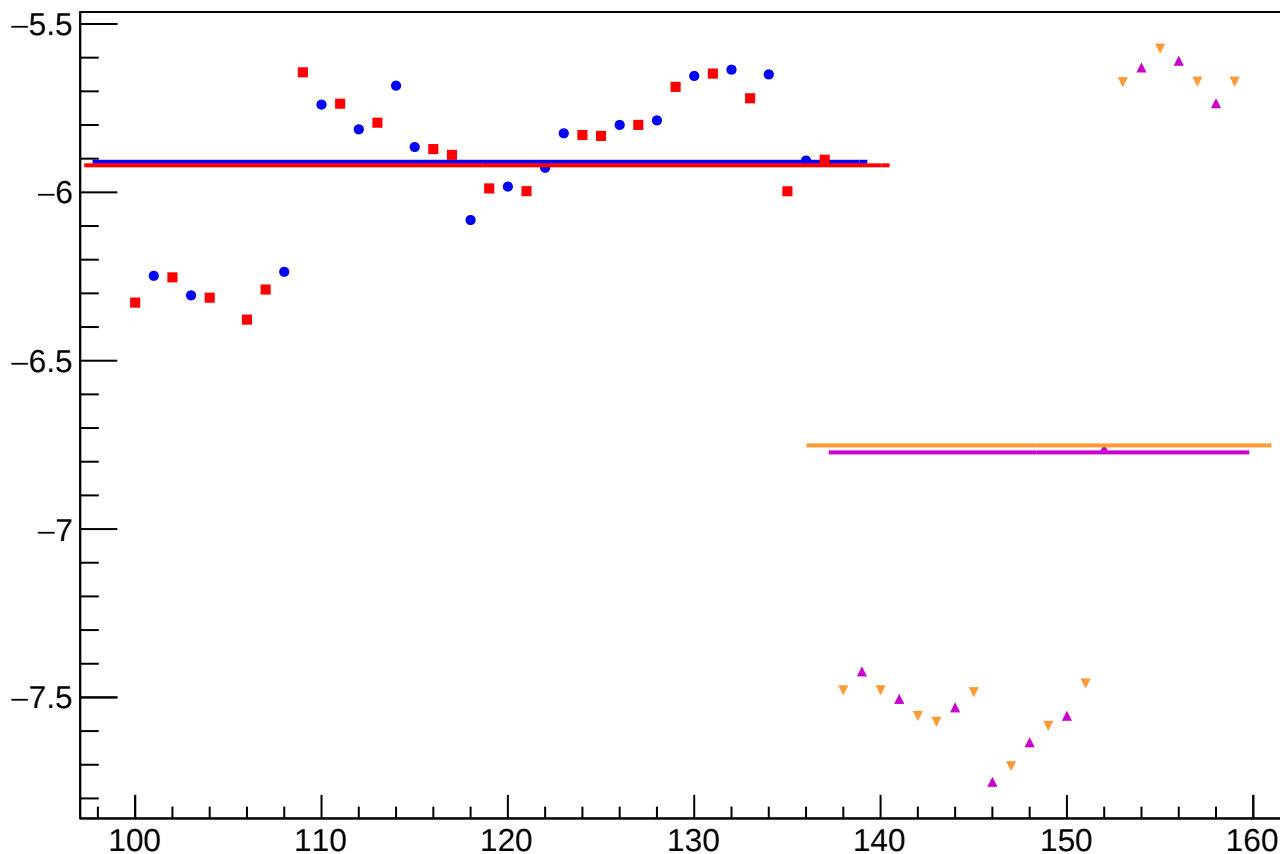
Left In: 0.006+/-0.000 χ^2/NDF :259125.1/9

0.006+/-0.000 χ^2/NDF : 448508.3/28

0.006+/-0.000 χ^2/NDF : 945824.4/58

0.006+/-0.000 χ^2/NDF : 496302.7/29

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -5.909+/-0.000 χ^2/NDF : 11125163629.1/16

Left Out: -6.752+/-0.000 χ^2/NDF : 101000655767.6/11

Right Out: -5.920+/-0.000 χ^2/NDF : 12786104538.4/19

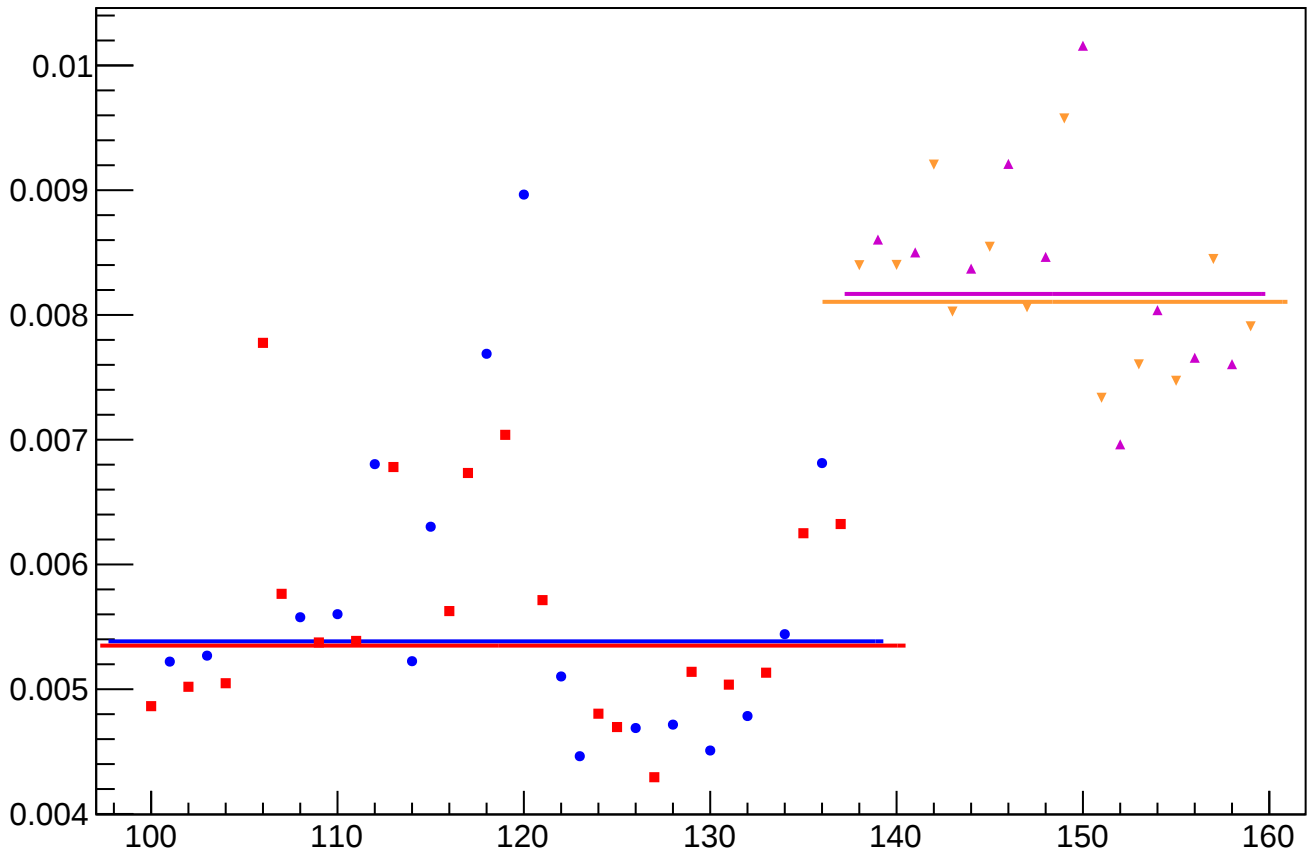
Left In: -6.772+/-0.000 χ^2/NDF : 80044716605.7/9

-6.216+/-0.000 χ^2/NDF : 164347329949.7/28

-6.205+/-0.000 χ^2/NDF : 309513138411.4

-6.194+/-0.000 χ^2/NDF : 145086258958.1/29

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 347627.8/16

Left Out: 0.008+/-0.000 χ^2/NDF : 83247.2/11

Right Out: 0.005+/-0.000 χ^2/NDF : 247999.6/19

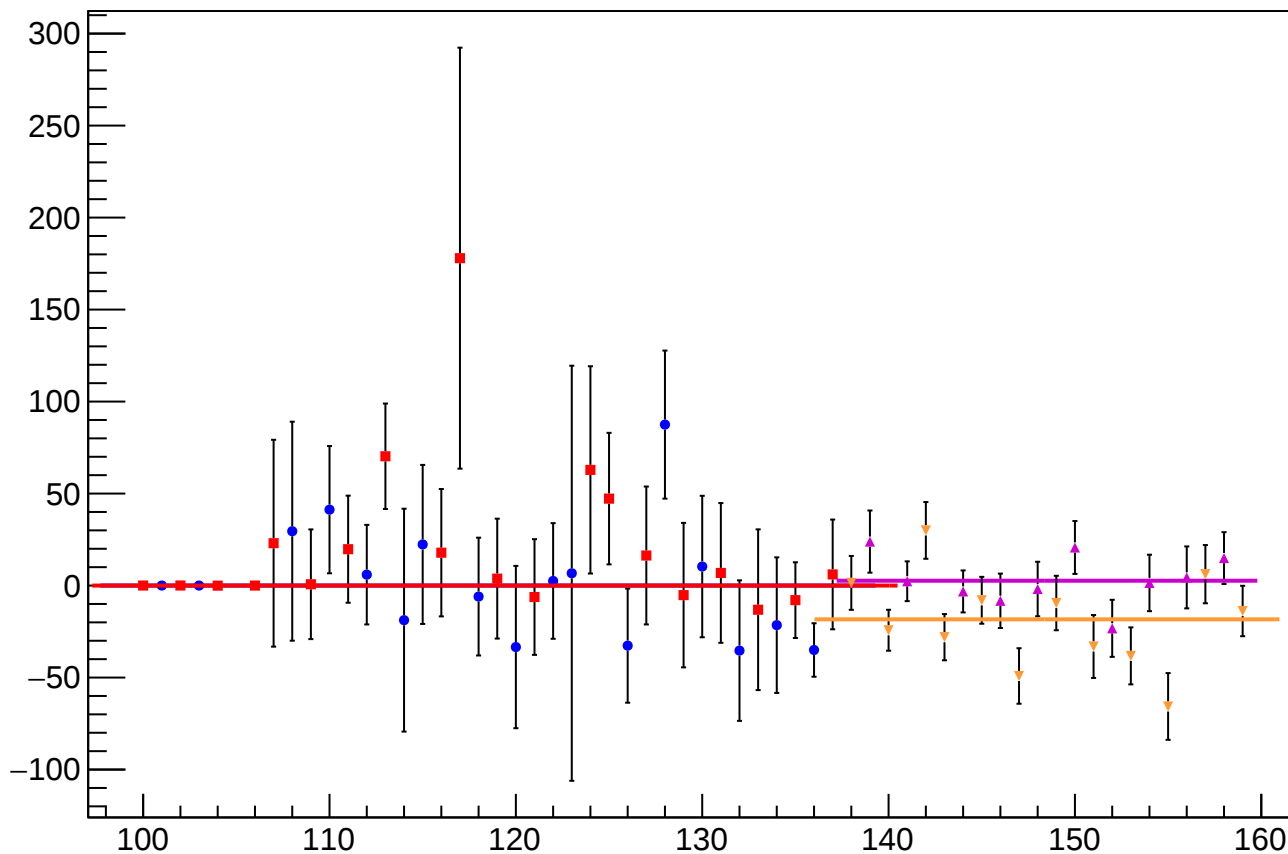
Left In: 0.008+/-0.000 χ^2/NDF : 139467.2/9

0.006+/-0.000 χ^2/NDF : 1521083.2/28

0.006+/-0.000 χ^2/NDF : 3055581.3/58

0.006+/-0.000 χ^2/NDF : 1529907.7/29

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.013 ± 0.017 χ^2/NDF : 15.8/16

Left Out: -18.352 ± 4.139 χ^2/NDF : 29.4/11

Right Out: -0.003 ± 0.016 χ^2/NDF : 17.7/19

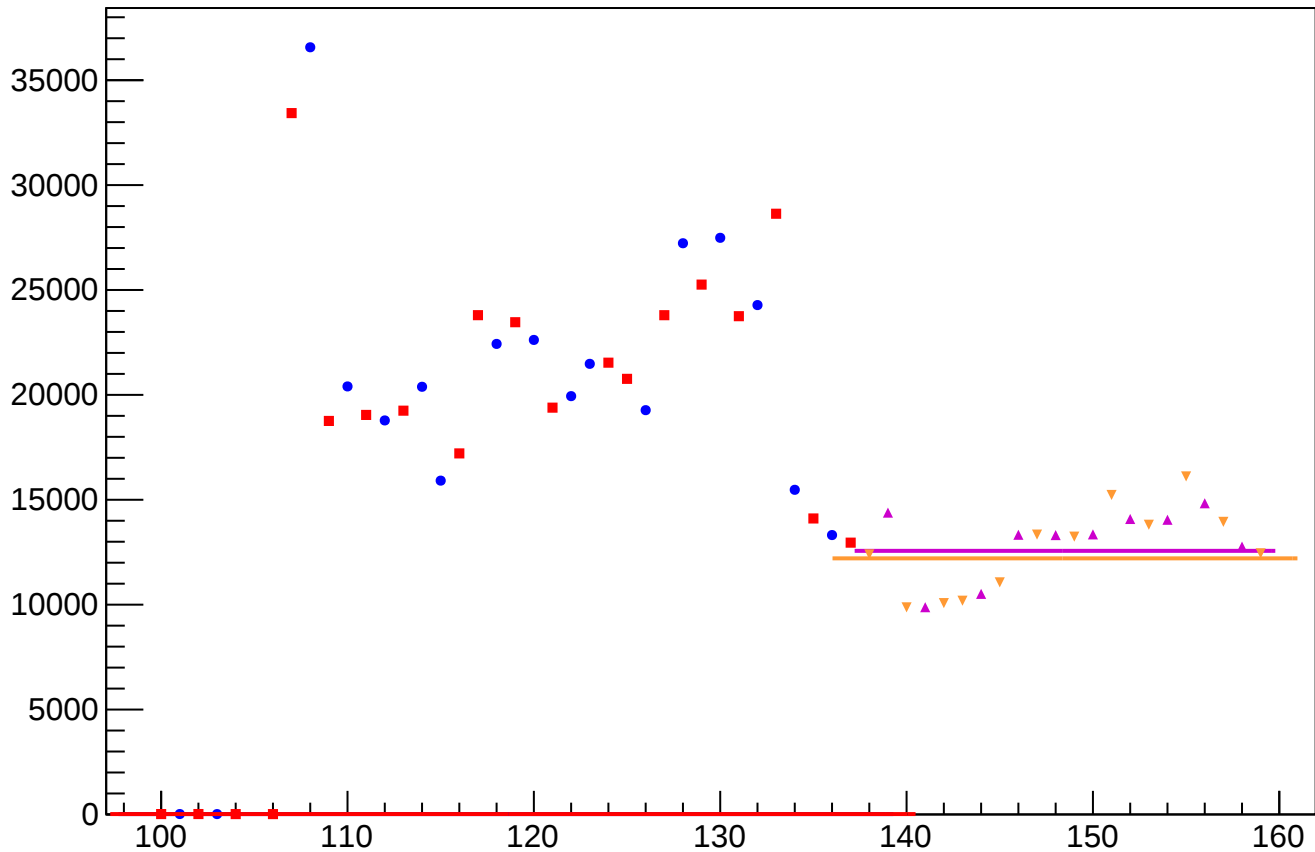
Left In: 2.633 ± 4.441 χ^2/NDF : 7.6/9

0.013 ± 0.017 χ^2/NDF : 64.9/28

0.004 ± 0.012 χ^2/NDF : 91.1/58

-0.003 ± 0.016 χ^2/NDF : 25.7/29

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 18.641 ± 0.012 $\chi^2/\text{NDF}: 10841561.4/16$

Left Out: 12207.208 ± 2.927 $\chi^2/\text{NDF}: 417104.4/11$

Right Out: 18.312 ± 0.011 $\chi^2/\text{NDF}: 11189737.0/19$

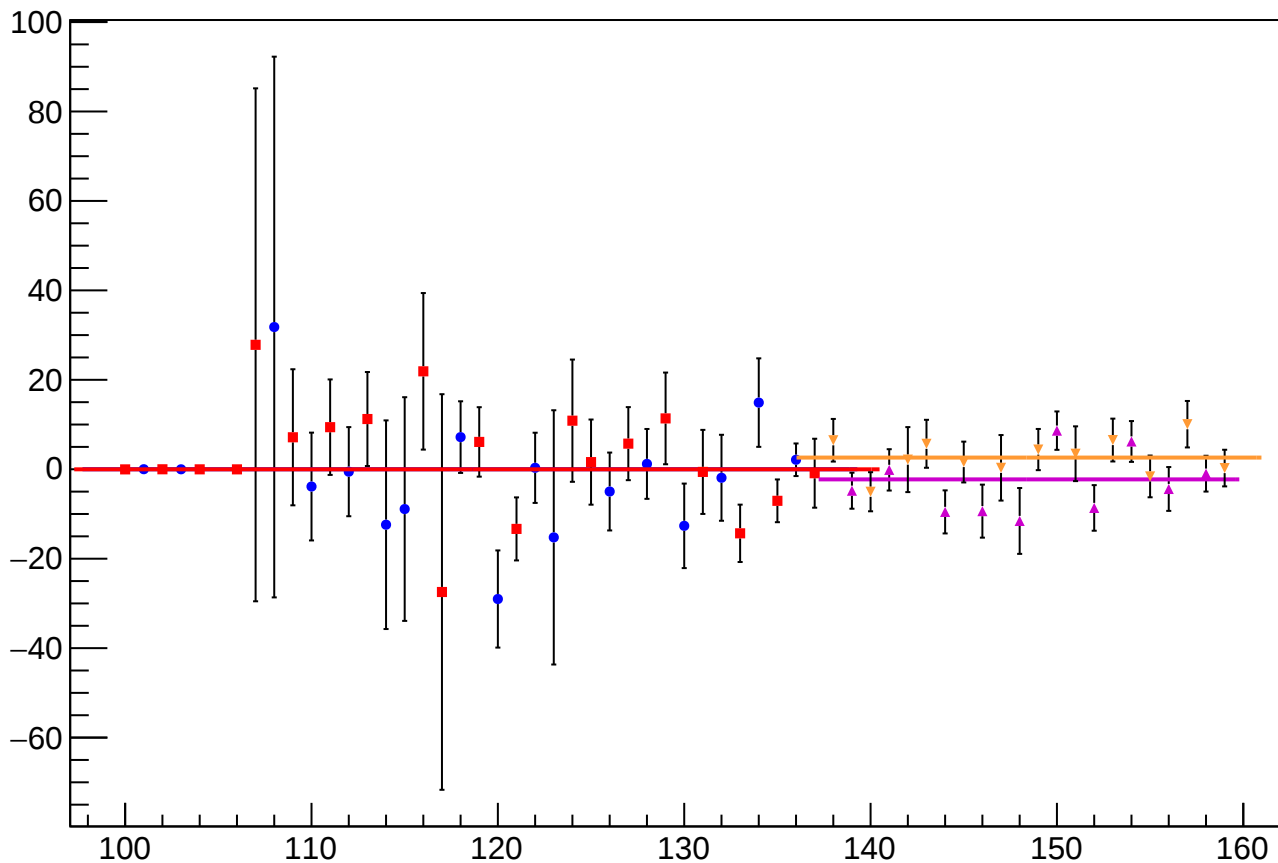
Left In: 12565.306 ± 3.140 $\chi^2/\text{NDF}: 302480.5/9$

18.855 ± 0.012 $\chi^2/\text{NDF}: 28599176.5/28$

18.651 ± 0.008 $\chi^2/\text{NDF}: 56056124.7/58$

18.476 ± 0.011 $\chi^2/\text{NDF}: 27456435.7/29$

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: 0.001 ± 0.009 χ^2/NDF : 14.9/16

Left Out: 2.613 ± 1.448 χ^2/NDF : 8.2/11

Right Out: -0.014 ± 0.009 χ^2/NDF : 18.8/19

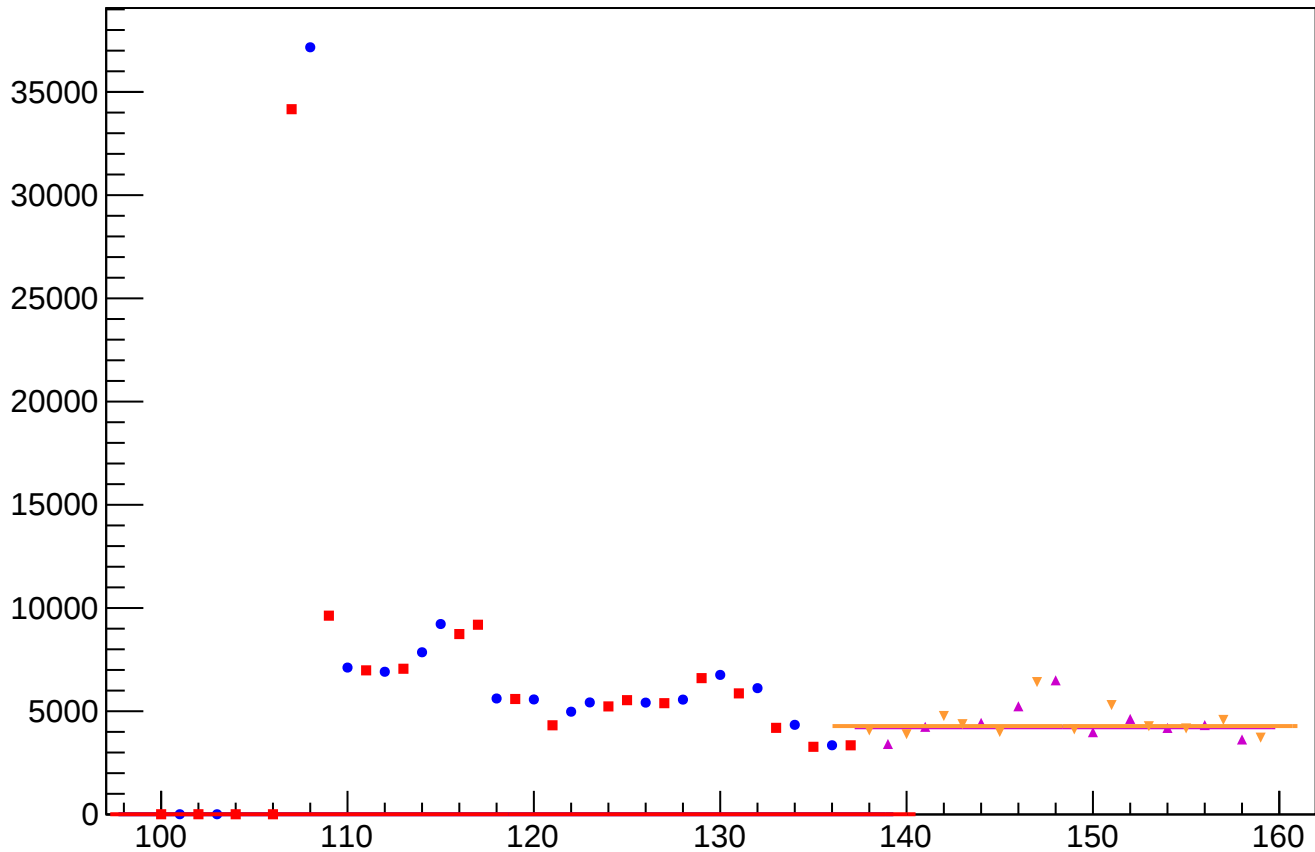
Left In: -2.264 ± 1.502 χ^2/NDF : 17.7/9

0.001 ± 0.009 χ^2/NDF : 26.4/28

-0.007 ± 0.006 χ^2/NDF : 66.5/58

-0.014 ± 0.009 χ^2/NDF : 38.7/29

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 9.938+/-0.007 χ^2/NDF : 10973577.1/16

Left Out: 4281.110+/-1.024 χ^2/NDF : 309698.1/11

Right Out: 9.855+/-0.006 χ^2/NDF : 11238836.3/19

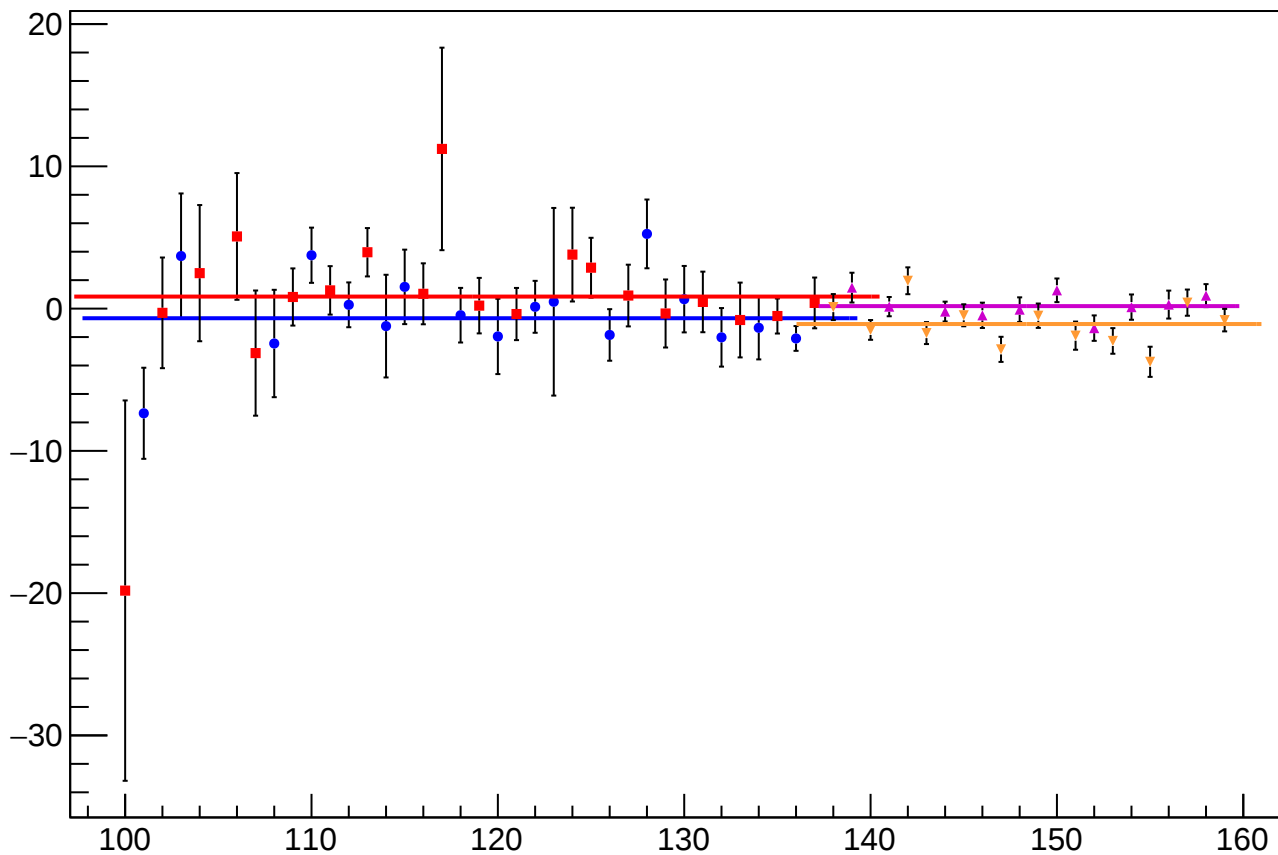
Left In: 4223.606+/-1.062 χ^2/NDF : 397639.7/9

10.110+/-0.007 χ^2/NDF : 28673948.9/28

10.049+/-0.004 χ^2/NDF : 56051059.8/58

9.994+/-0.006 χ^2/NDF : 27376942.2/29

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.677 ± 0.484 χ^2/NDF : 22.3/16

Left Out: -1.084 ± 0.248 χ^2/NDF : 29.8/11

Right Out: 0.846 ± 0.500 χ^2/NDF : 14.1/19

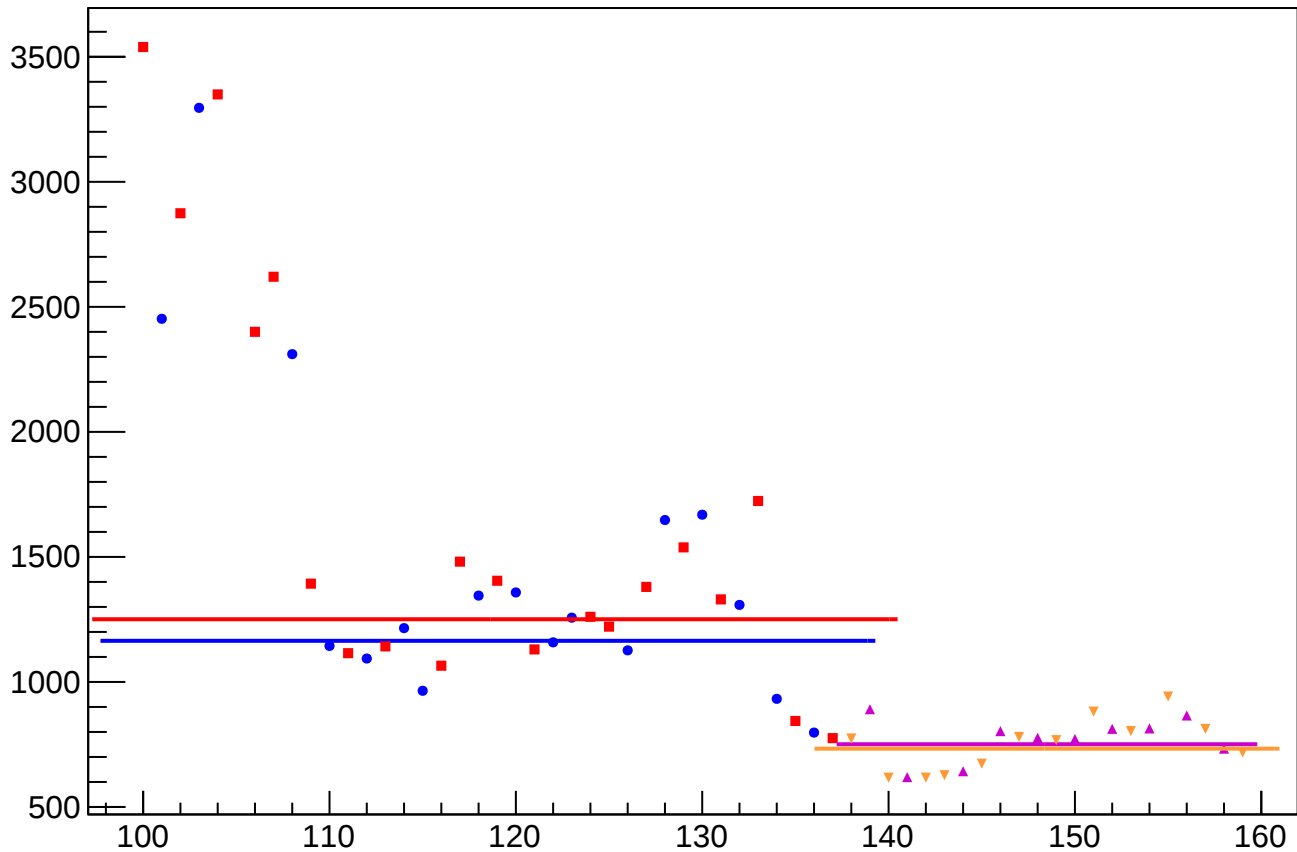
Left In: 0.175 ± 0.265 χ^2/NDF : 8.1/9

-0.999 ± 0.220 χ^2/NDF : 52.6/28

-0.378 ± 0.160 χ^2/NDF : 93.1/58

0.322 ± 0.234 χ^2/NDF : 23.6/29

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 1164.459 ± 0.342 χ^2/NDF : 1584212.9/16

Left Out: 733.160 ± 0.175 χ^2/NDF : 298102.4/11

Right Out: 1250.738 ± 0.354 χ^2/NDF : 1652238.9/19

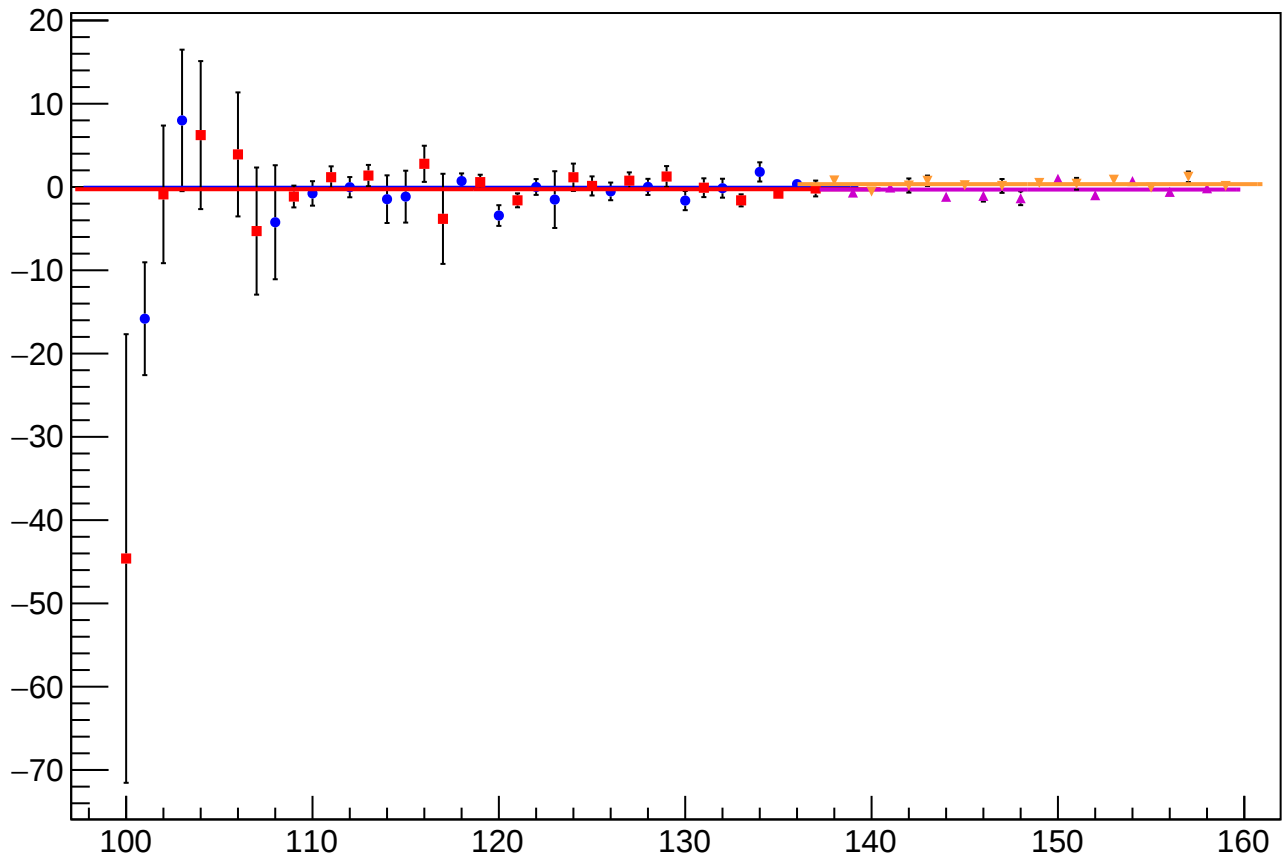
Left In: 750.893 ± 0.187 χ^2/NDF : 217087.4/9

822.594 ± 0.156 χ^2/NDF : 3140444.8/28

840.298 ± 0.113 χ^2/NDF : 6598447.8/58

860.219 ± 0.165 χ^2/NDF : 3430593.2/29

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.086 ± 0.270 χ^2/NDF : 21.1/16

Left Out: 0.344 ± 0.173 χ^2/NDF : 7.7/11

Right Out: -0.268 ± 0.264 χ^2/NDF : 20.9/19

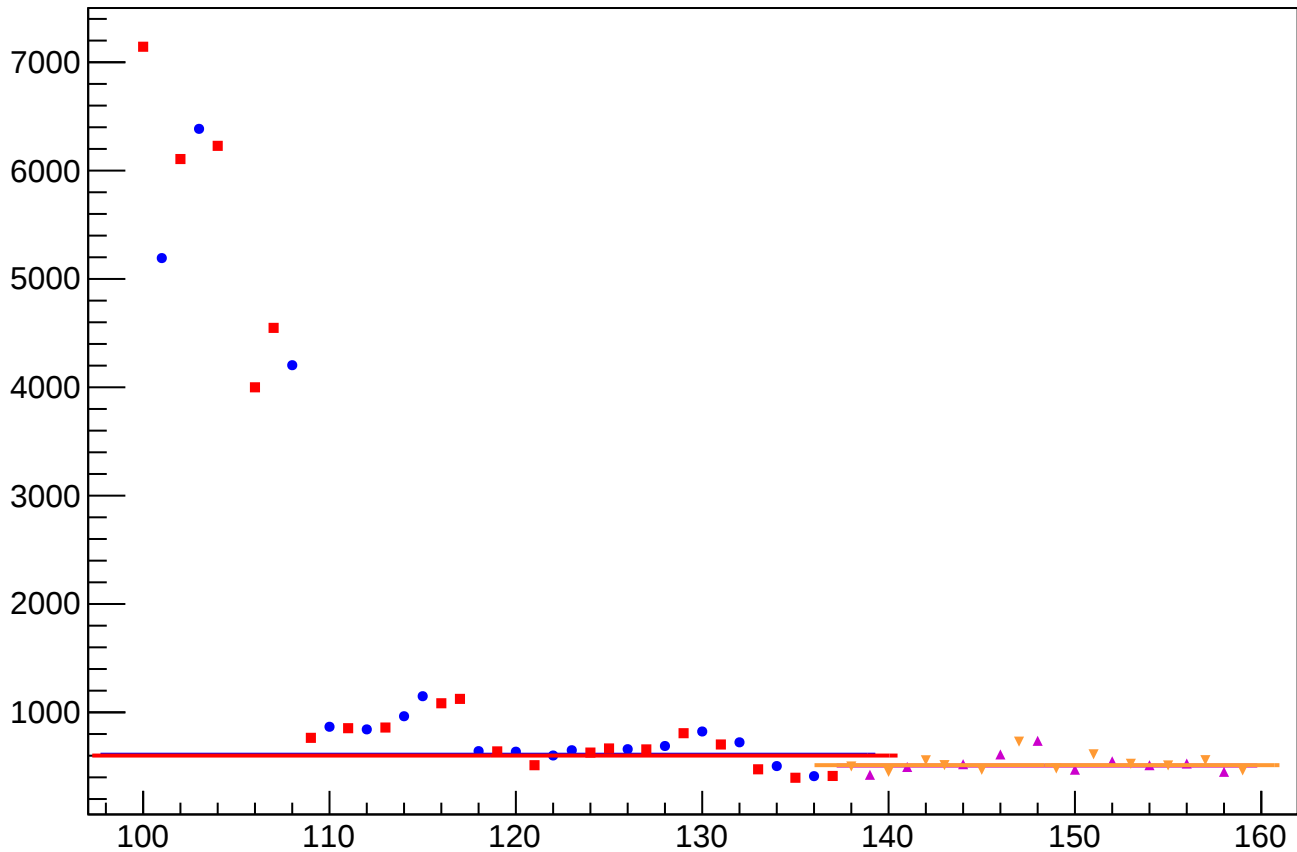
Left In: -0.308 ± 0.180 χ^2/NDF : 17.2/9

0.219 ± 0.146 χ^2/NDF : 30.6/28

-0.033 ± 0.104 χ^2/NDF : 74.8/58

-0.295 ± 0.149 χ^2/NDF : 38.1/29

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 609.016+/-0.191 χ^2/NDF : 3139231.5/16

Left Out: 512.517+/-0.122 χ^2/NDF : 261951.4/11

Right Out: 601.159+/-0.187 χ^2/NDF : 3566339.5/19

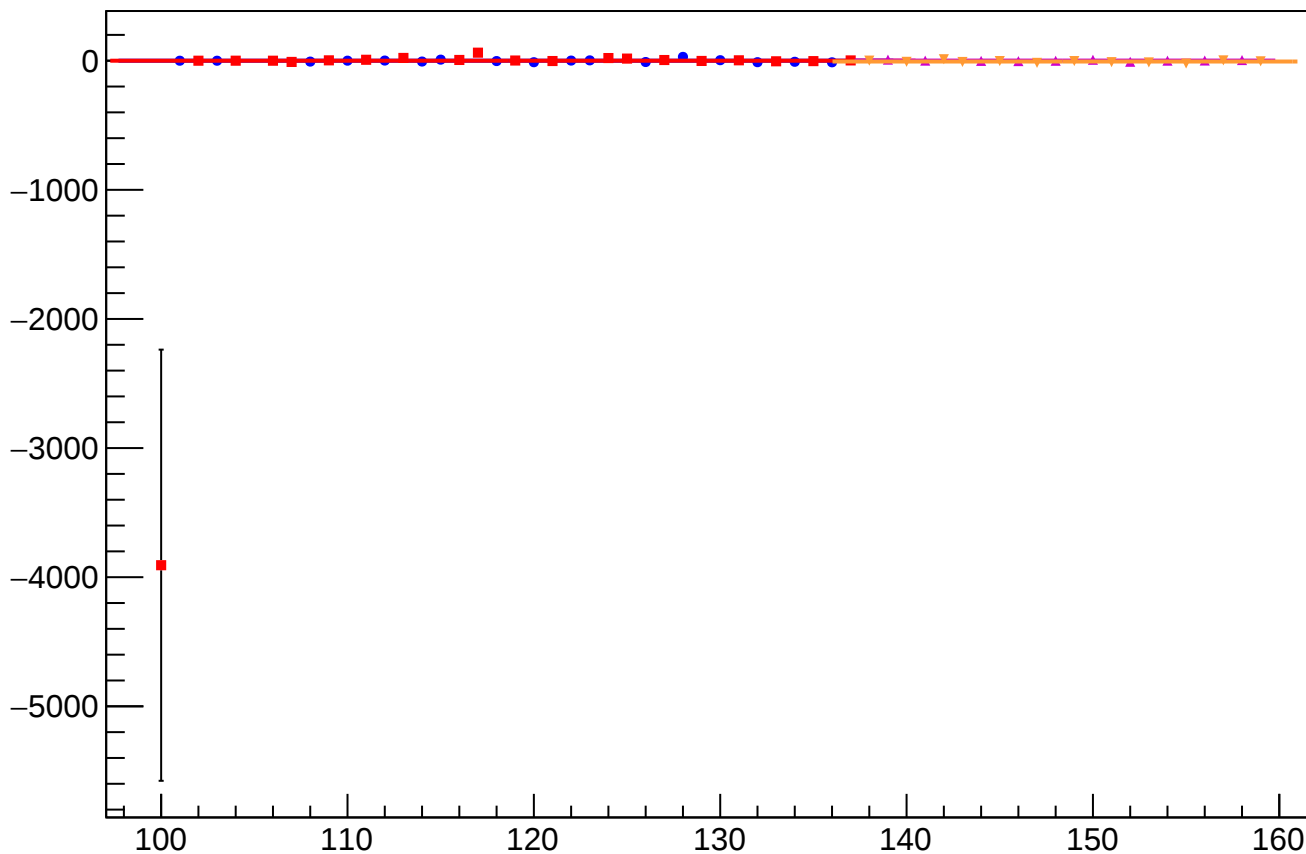
Left In: 508.577+/-0.127 χ^2/NDF : 303116.1/9

540.590+/-0.103 χ^2/NDF : 3582131.0/28

539.324+/-0.074 χ^2/NDF : 7619653.8/58

538.004+/-0.105 χ^2/NDF : 4037214.5/29

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.022 $\pm$ 0.021 χ^2 /NDF: 15.3/16

Left Out: -6.257 $\pm$ 1.439 χ^2 /NDF: 29.8/11

Right Out: 0.027 $\pm$ 0.020 χ^2 /NDF: 19.8/19

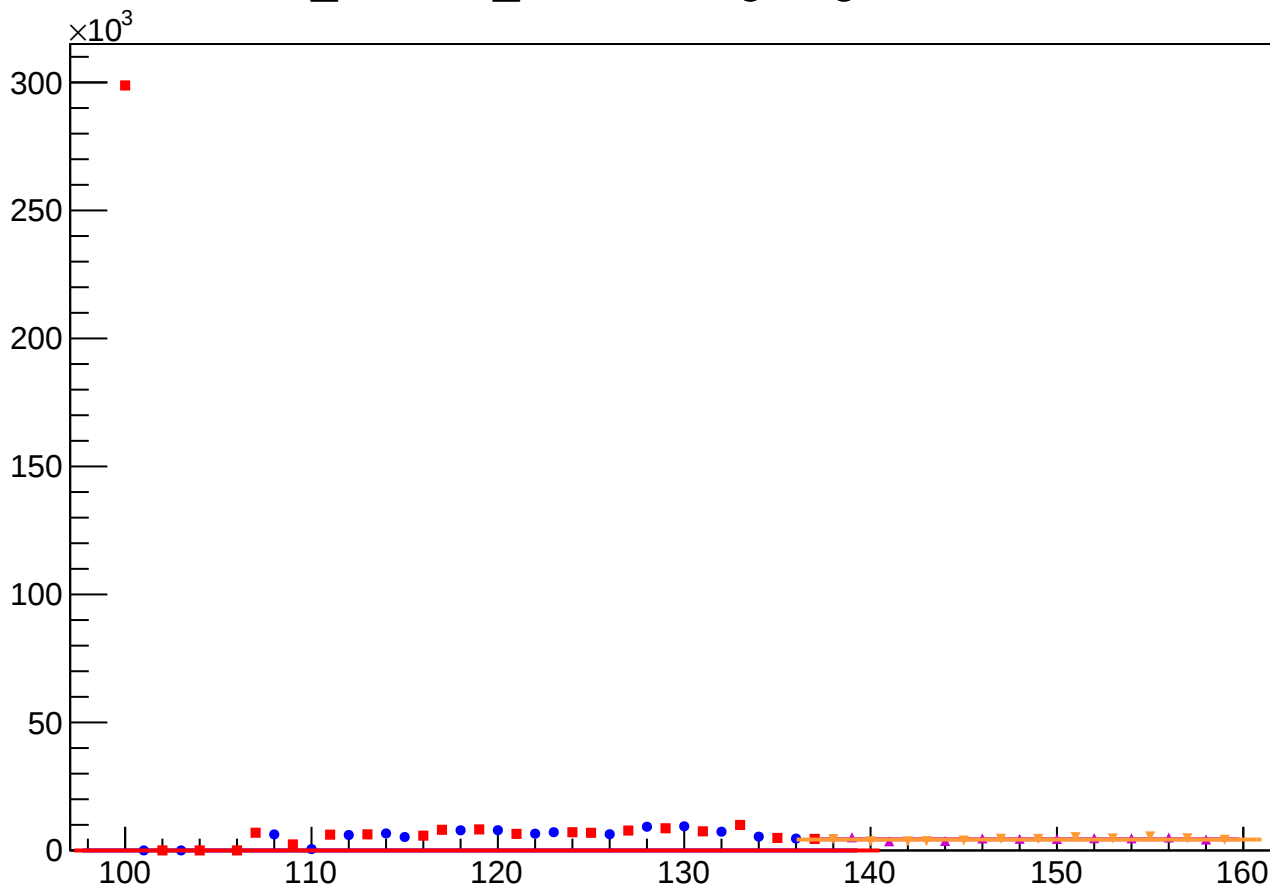
Left In: 0.993 $\pm$ 1.541 χ^2 /NDF: 8.0/9

-0.023 $\pm$ 0.021 χ^2 /NDF: 63.8/28

0.003 $\pm$ 0.014 χ^2 /NDF: 95.0/58

0.027 $\pm$ 0.020 χ^2 /NDF: 28.2/29

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 17.337 ± 0.015 χ^2/NDF : 10359409.4/16

Left Out: 4258.222 ± 1.018 χ^2/NDF : 321176.0/11

Right Out: 17.270 ± 0.014 χ^2/NDF : 10899577.1/19

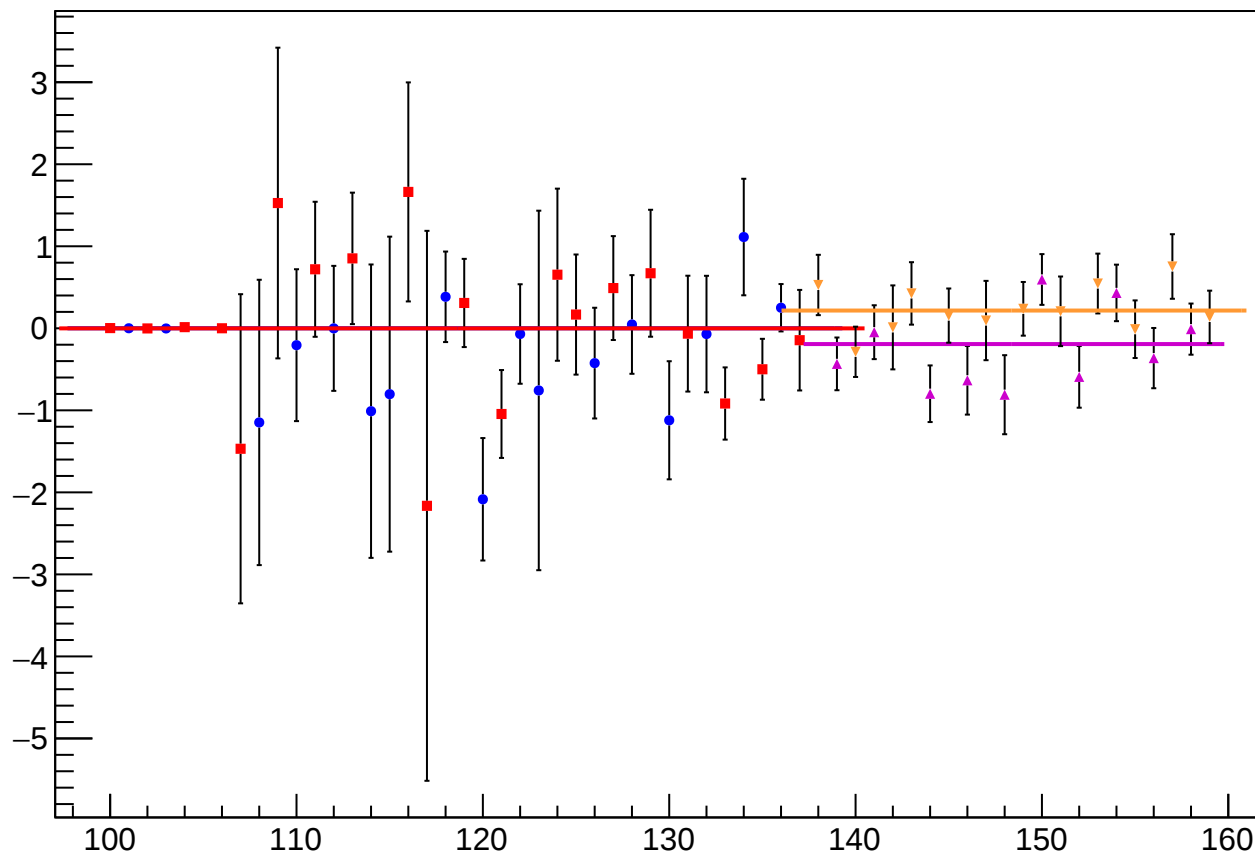
Left In: 4371.845 ± 1.090 χ^2/NDF : 229433.7/9

18.222 ± 0.015 χ^2/NDF : 28040473.3/28

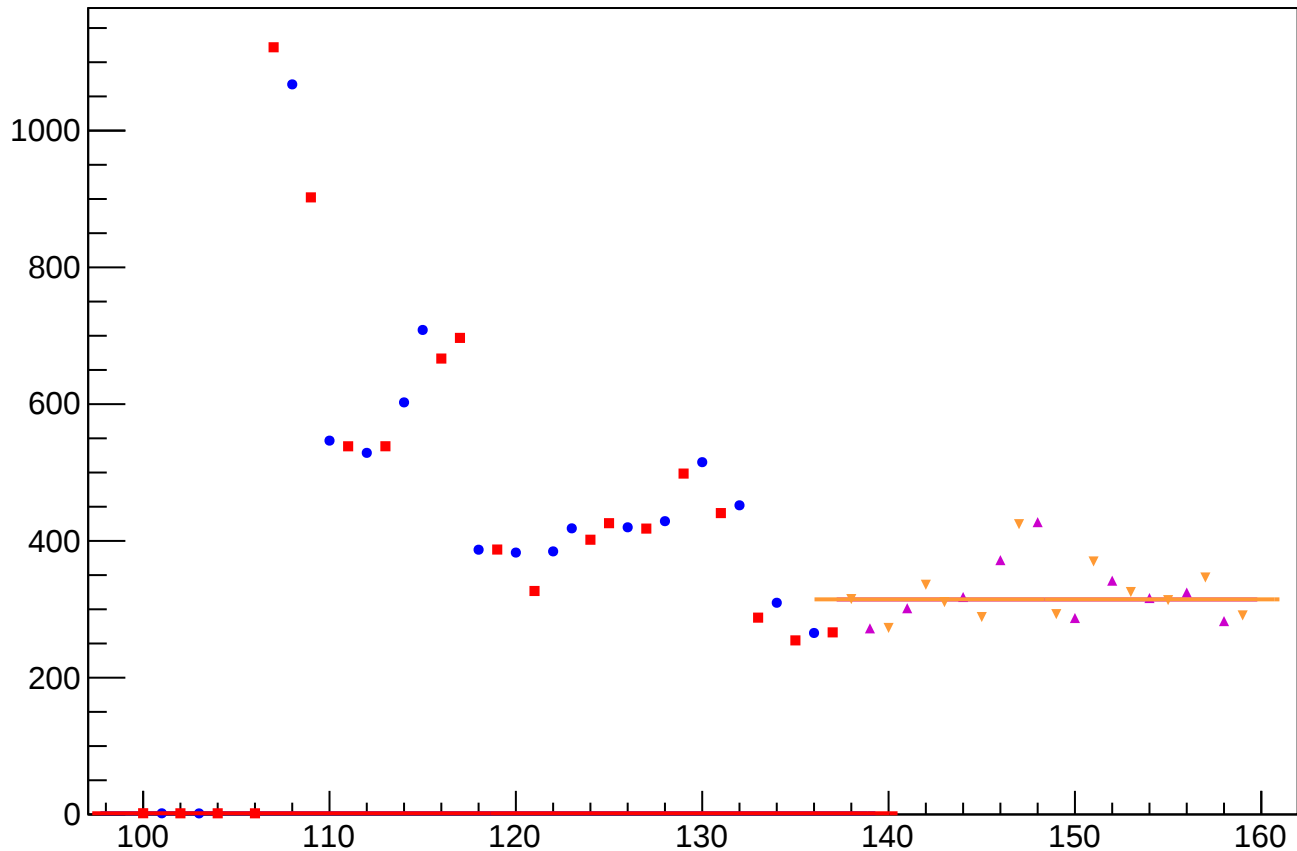
18.099 ± 0.010 χ^2/NDF : 55136507.4/58

17.987 ± 0.014 χ^2/NDF : 27095900.5/29

diff_cav4dY_mean vs Slug, Sign Corrected



diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 1.698+/-0.001 χ^2/NDF : 10911617.0/16

Left Out: 314.540+/-0.075 χ^2/NDF : 225044.1/11

Right Out: 1.729+/-0.001 χ^2/NDF : 10822679.1/19

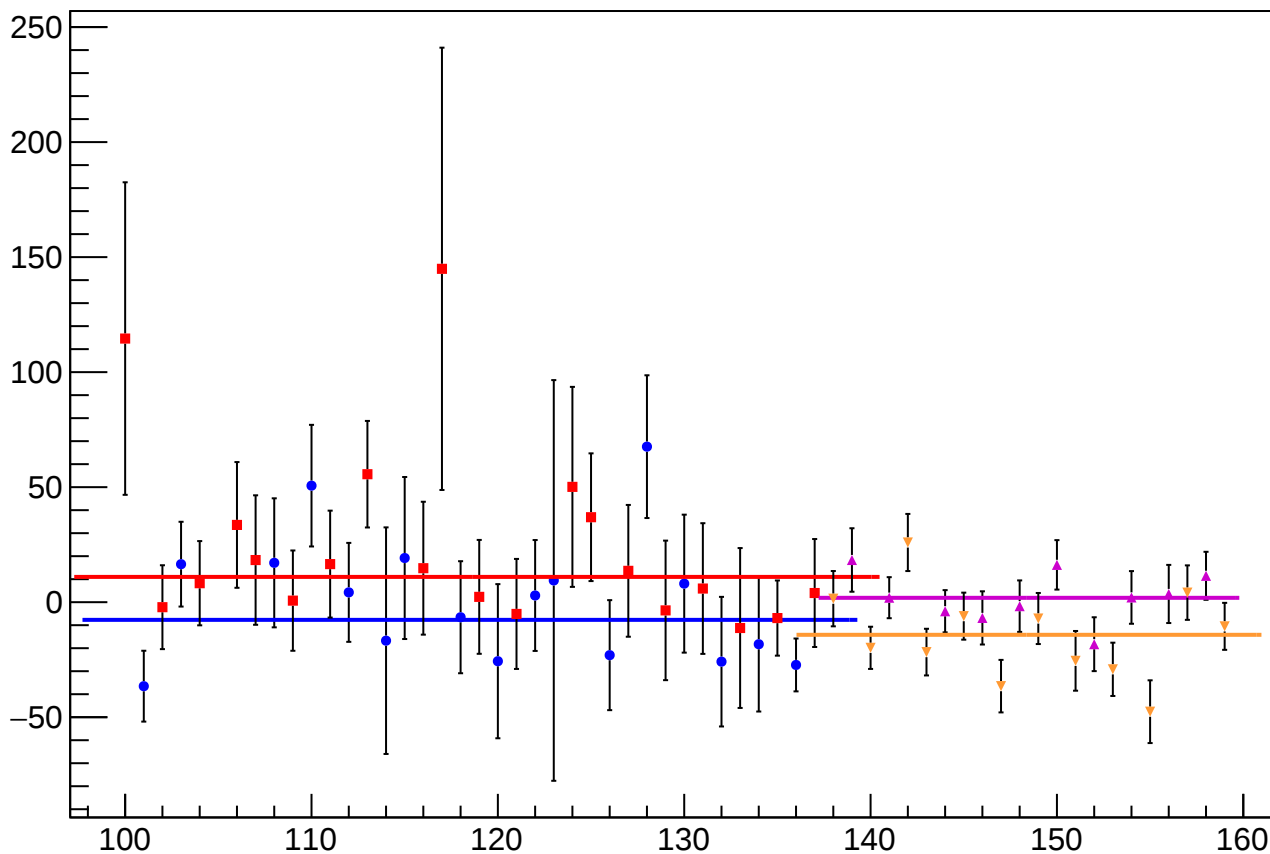
Left In: 314.338+/-0.079 χ^2/NDF : 233960.6/9

1.812+/-0.001 χ^2/NDF : 28532672.4/28

1.818+/-0.001 χ^2/NDF : 55421377.6/58

1.824+/-0.001 χ^2/NDF : 26888672.9/29

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -7.683 ± 5.627 χ^2/NDF : 22.4/16

Left Out: -14.183 ± 3.230 χ^2/NDF : 28.9/11

Right Out: 10.992 ± 5.672 χ^2/NDF : 13.8/19

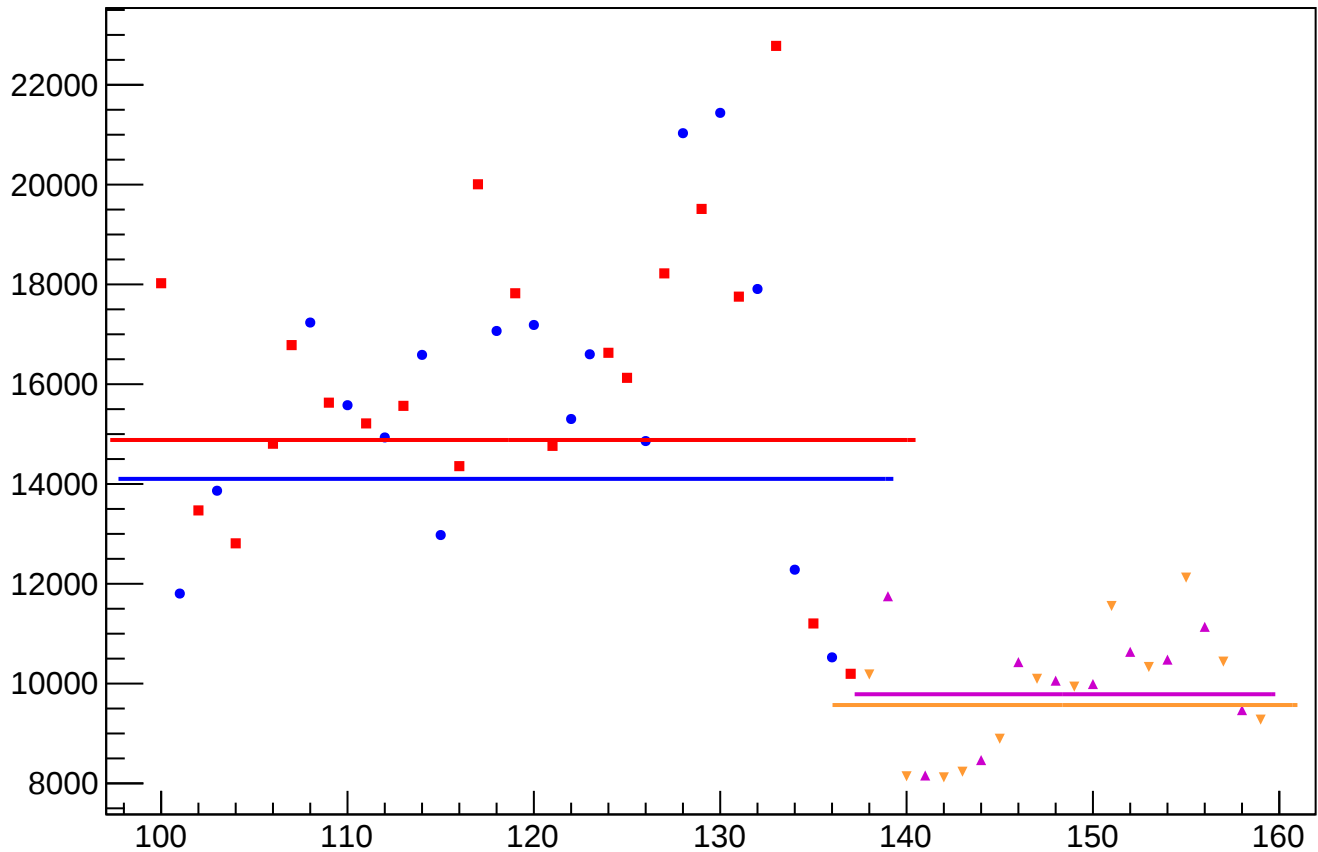
Left In: 1.898 ± 3.447 χ^2/NDF : 8.1/9

-12.572 ± 2.801 χ^2/NDF : 52.3/28

-4.536 ± 2.030 χ^2/NDF : 93.4/58

4.350 ± 2.945 χ^2/NDF : 23.8/29

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 14102.522+/-3.979 χ^2/NDF : 598934.8/16

Left Out: 9570.274+/-2.284 χ^2/NDF : 268842.9/11

Right Out: 14882.066+/-4.011 χ^2/NDF : 475983.1/19

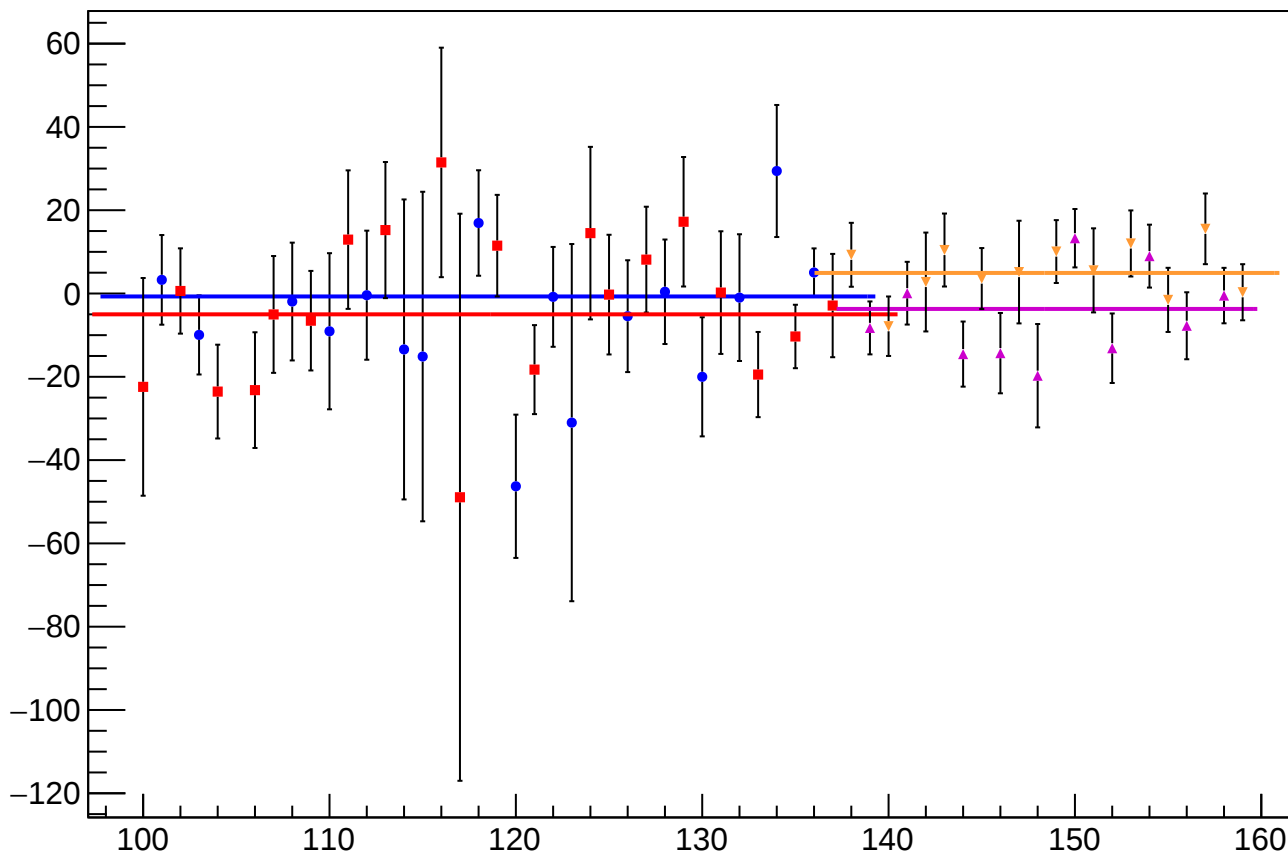
Left In: 9786.260+/-2.437 χ^2/NDF : 199238.1/9

10693.295+/-1.981 χ^2/NDF : 1843695.4/28

10915.059+/-1.435 χ^2/NDF : 3724196.2/5

11160.264+/-2.083 χ^2/NDF : 1854104.3/29

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -0.708 ± 3.084 χ^2/NDF : 17.6/16

Left Out: 4.939 ± 2.370 χ^2/NDF : 8.0/11

Right Out: -5.000 ± 2.937 χ^2/NDF : 20.2/19

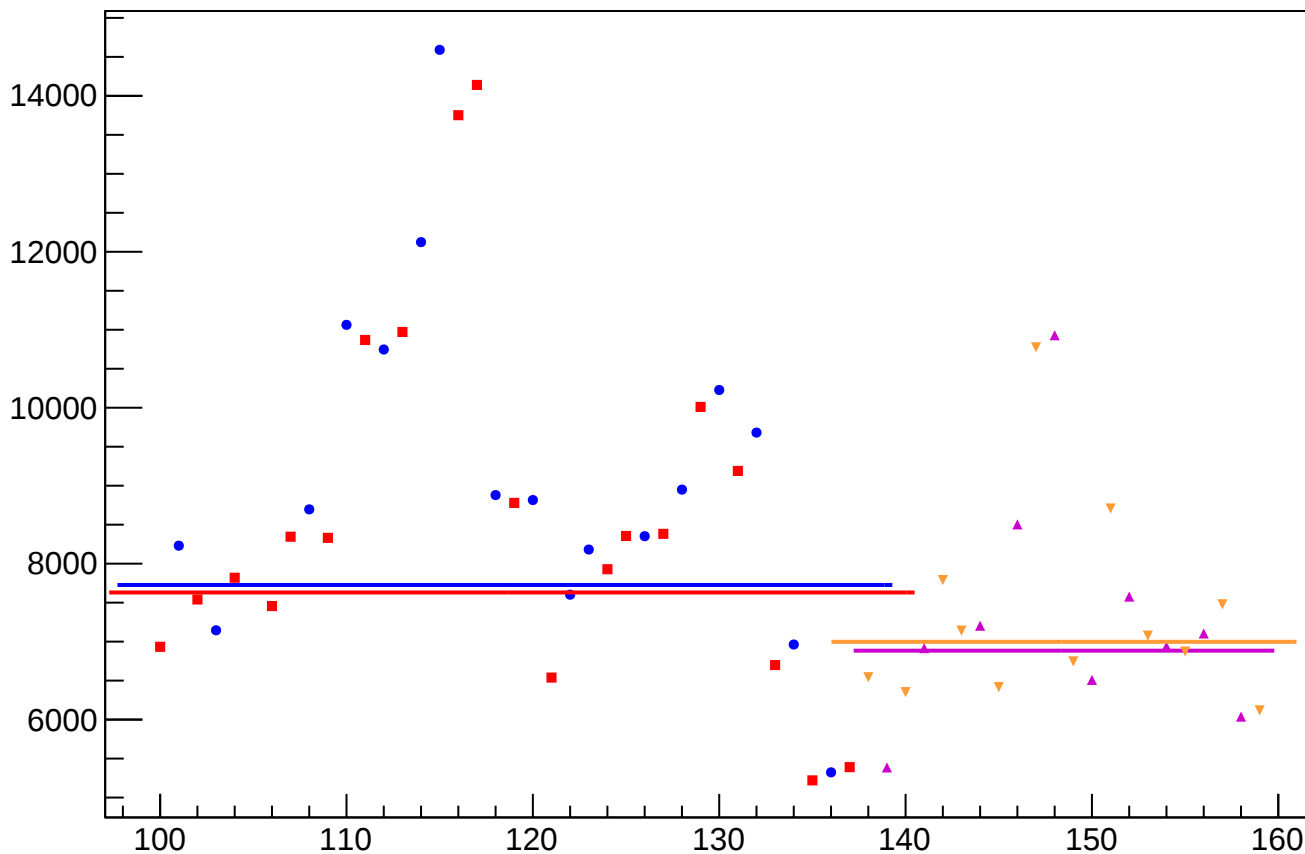
Left In: -3.703 ± 2.453 χ^2/NDF : 16.0/9

2.842 ± 1.879 χ^2/NDF : 27.7/28

-0.691 ± 1.330 χ^2/NDF : 71.0/58

-4.236 ± 1.882 χ^2/NDF : 36.3/29

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 7726.745 $\pm$ 2.180 χ^2 /NDF: 742512.8/16

Left Out: 6997.465 $\pm$ 1.676 χ^2 /NDF:334066.1/11

Right Out: 7630.342 $\pm$ 2.077 χ^2 /NDF: 693444.5/19

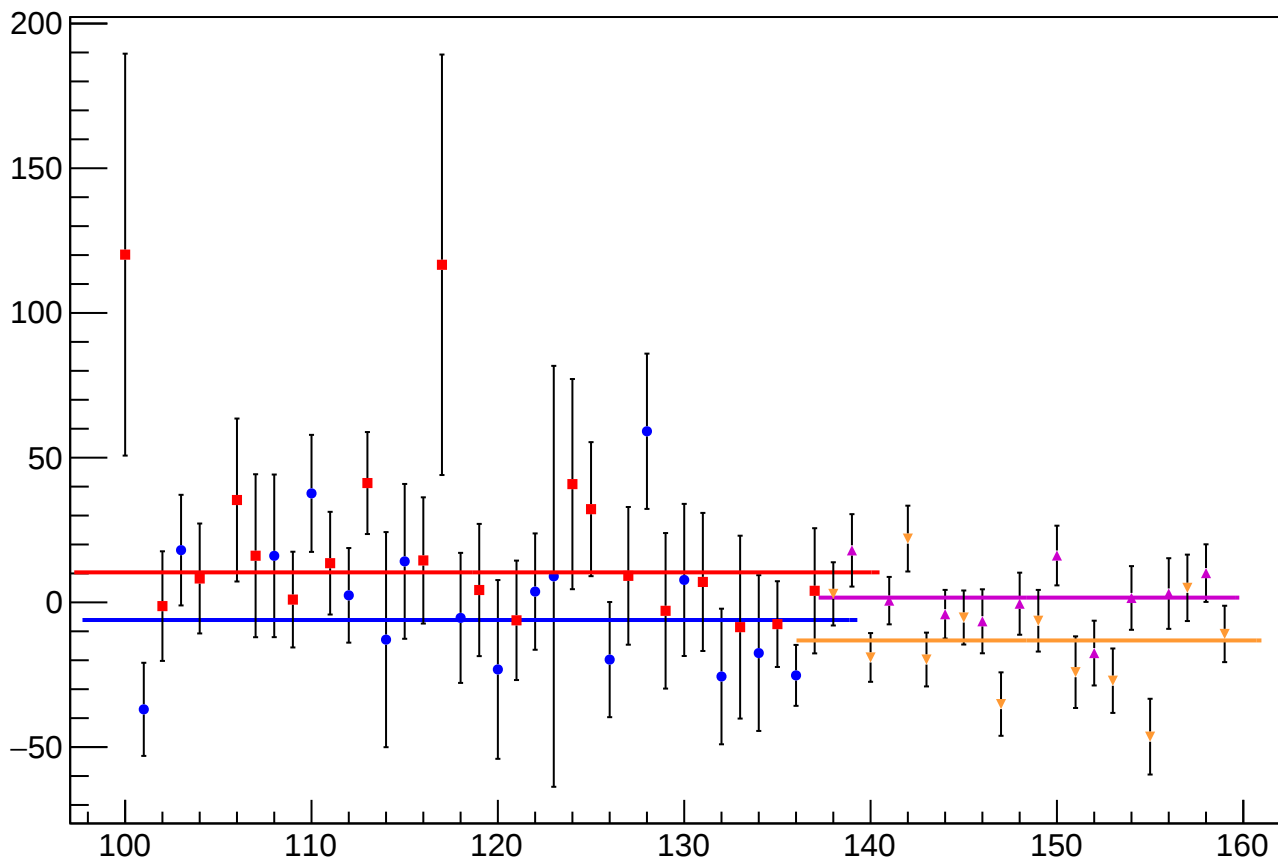
Left In: 6883.999 $\pm$ 1.734 χ^2 /NDF:436865.2/9

7268.330 $\pm$ 1.329 χ^2 /NDF: 1146901.0/28

7229.552 $\pm$ 0.940 χ^2 /NDF: 2355015.6/58

7190.640 $\pm$ 1.331 χ^2 /NDF: 1206408.3/29

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: -6.092 ± 5.034 $\chi^2/\text{NDF}: 22.9/16$

Left Out: -13.157 ± 3.029 $\chi^2/\text{NDF}: 29.2/11$

Right Out: 10.369 ± 4.992 $\chi^2/\text{NDF}: 13.8/19$

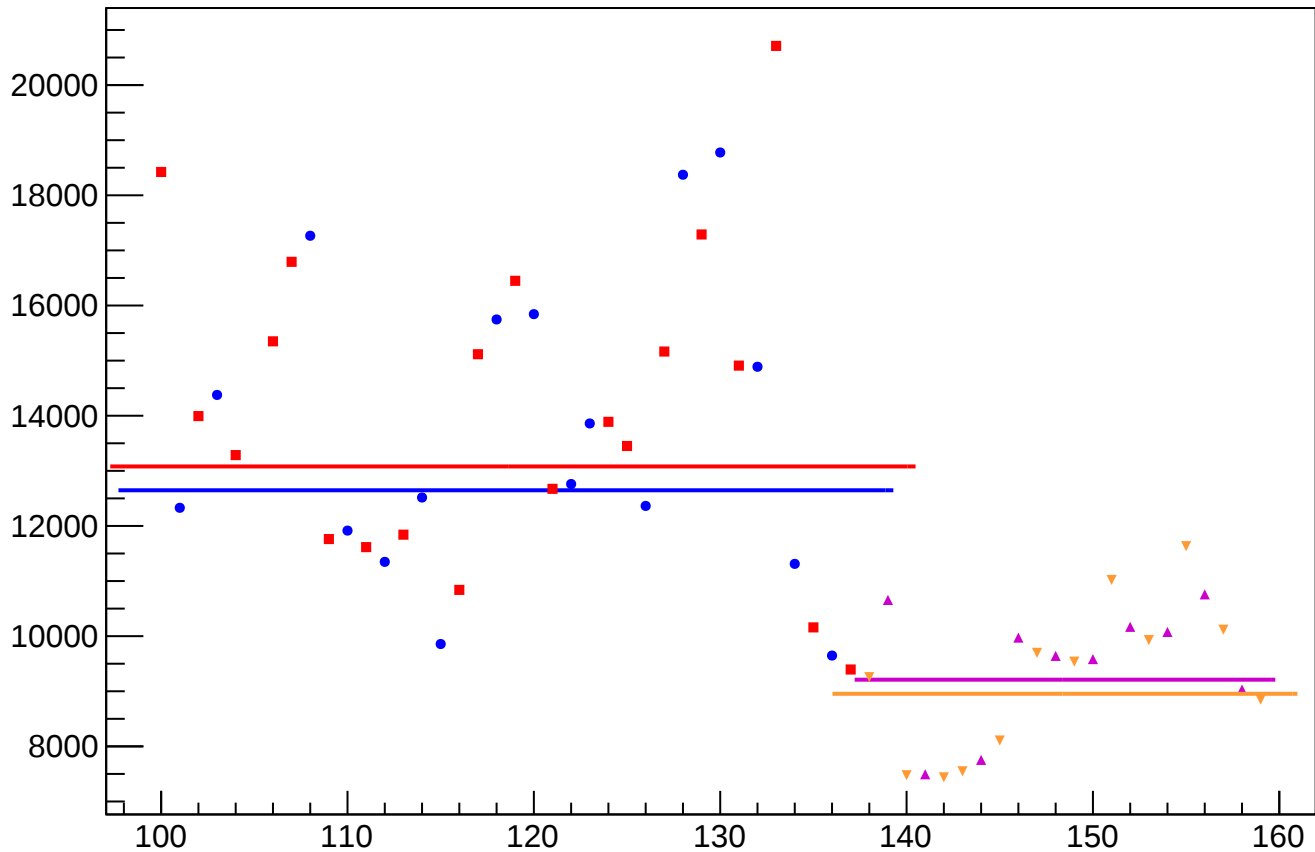
Left In: 1.643 ± 3.248 $\chi^2/\text{NDF}: 8.4/9$

-11.278 ± 2.596 $\chi^2/\text{NDF}: 53.6/28$

-3.890 ± 1.879 $\chi^2/\text{NDF}: 95.0/58$

4.239 ± 2.723 $\chi^2/\text{NDF}: 24.4/29$

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 12647.257 $\pm$ 3.559 χ^2/NDF : 554320.4/16

Left Out: 8954.236 $\pm$ 2.142 χ^2/NDF :351702.5/11

Right Out: 13079.592 $\pm$ 3.530 χ^2/NDF : 497851.1/19

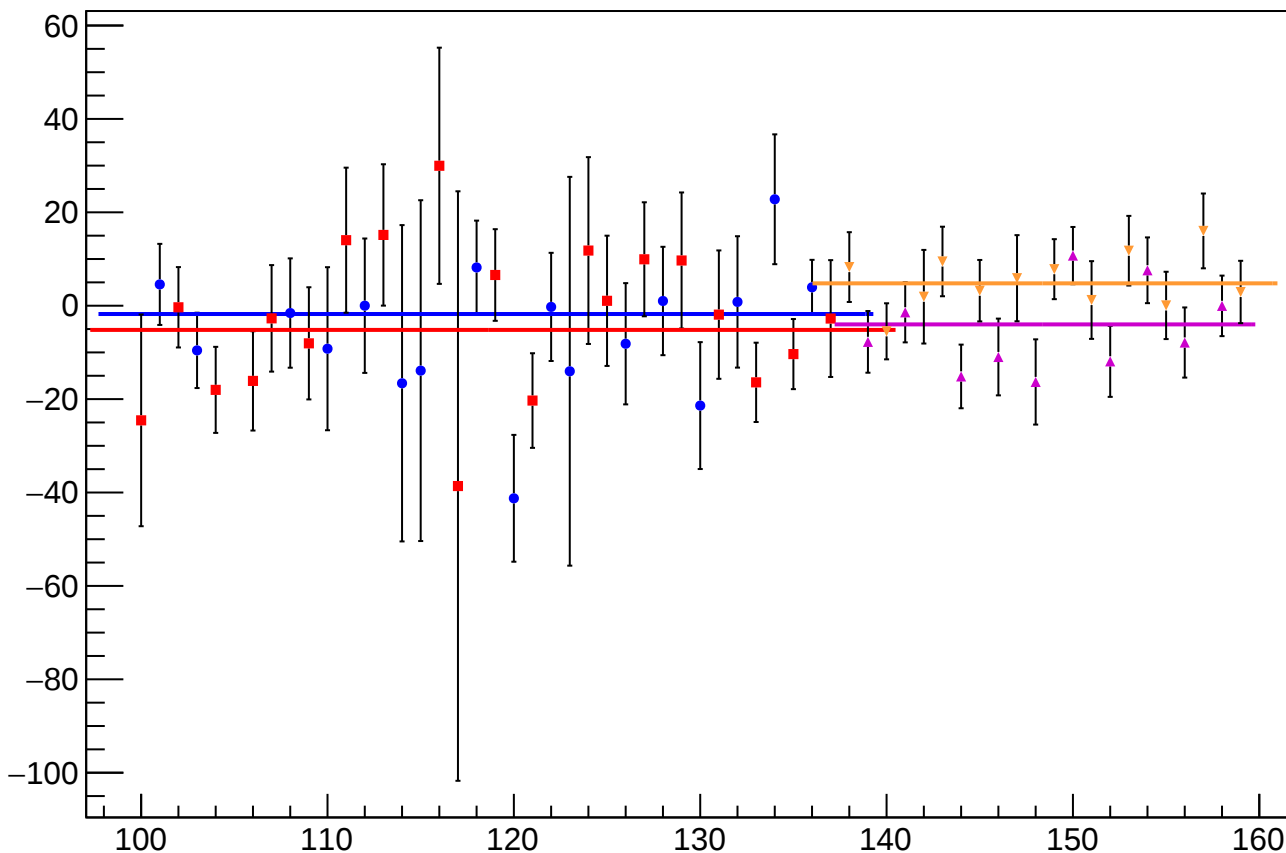
Left In: 9210.080 $\pm$ 2.297 χ^2/NDF :249803.6/9

9936.148 $\pm$ 1.835 χ^2/NDF : 1696311.0/28

10138.561 $\pm$ 1.328 χ^2/NDF : 3313796.3/5

10361.286 $\pm$ 1.925 χ^2/NDF : 1591938.6/29

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -1.777 ± 2.806 χ^2/NDF : 18.0/16

Left Out: 4.790 ± 2.120 χ^2/NDF : 7.5/11

Right Out: -5.181 ± 2.640 χ^2/NDF : 19.2/19

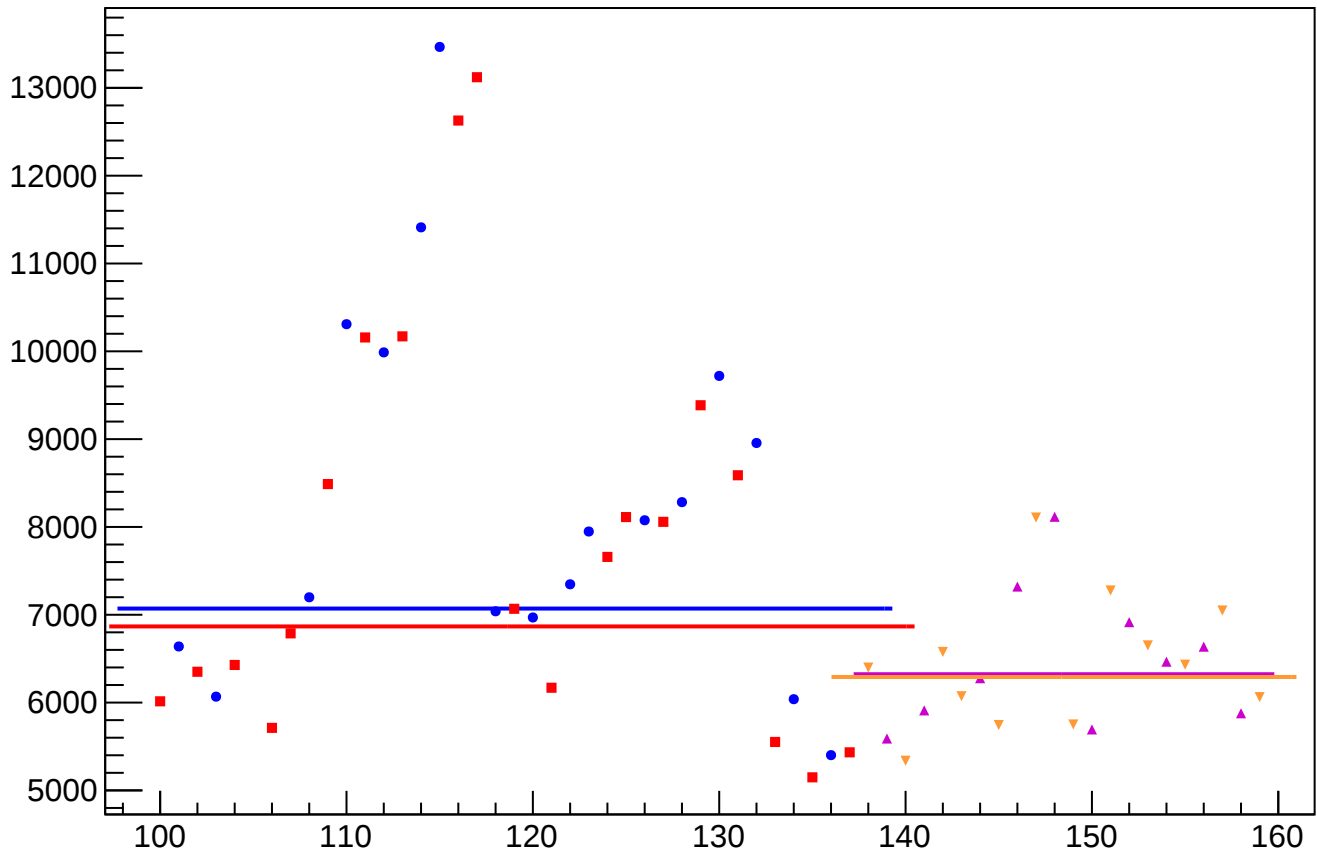
Left In: -4.000 ± 2.230 χ^2/NDF : 15.9/9

2.404 ± 1.692 χ^2/NDF : 28.9/28

-1.020 ± 1.200 χ^2/NDF : 72.4/58

-4.492 ± 1.704 χ^2/NDF : 35.2/29

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7070.672 $\pm$ 1.984 χ^2 /NDF: 601692.5/16

Left Out: 6291.457 $\pm$ 1.499 χ^2 /NDF:213489.7/11

Right Out: 6867.094 $\pm$ 1.866 χ^2 /NDF: 701892.5/19

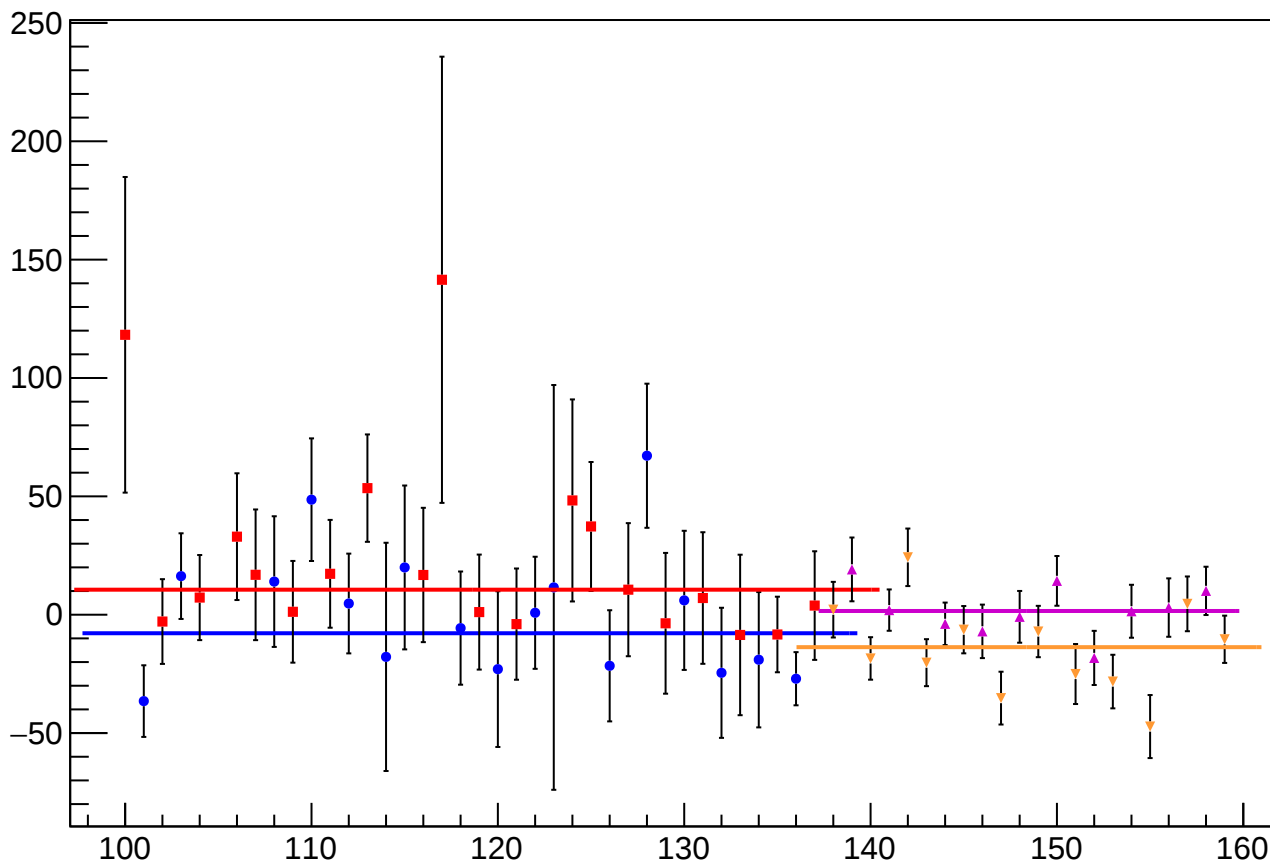
Left In: 6322.887 $\pm$ 1.577 χ^2 /NDF:186514.4/9

6574.646 $\pm$ 1.196 χ^2 /NDF: 913361.0/28

6562.199 $\pm$ 0.849 χ^2 /NDF: 1851587.9/58

6549.575 $\pm$ 1.205 χ^2 /NDF: 938008.7/29

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -7.825 ± 5.516 χ^2/NDF : 22.3/16

Left Out: -13.706 ± 3.157 χ^2/NDF : 28.3/11

Right Out: 10.574 ± 5.561 χ^2/NDF : 14.1/19

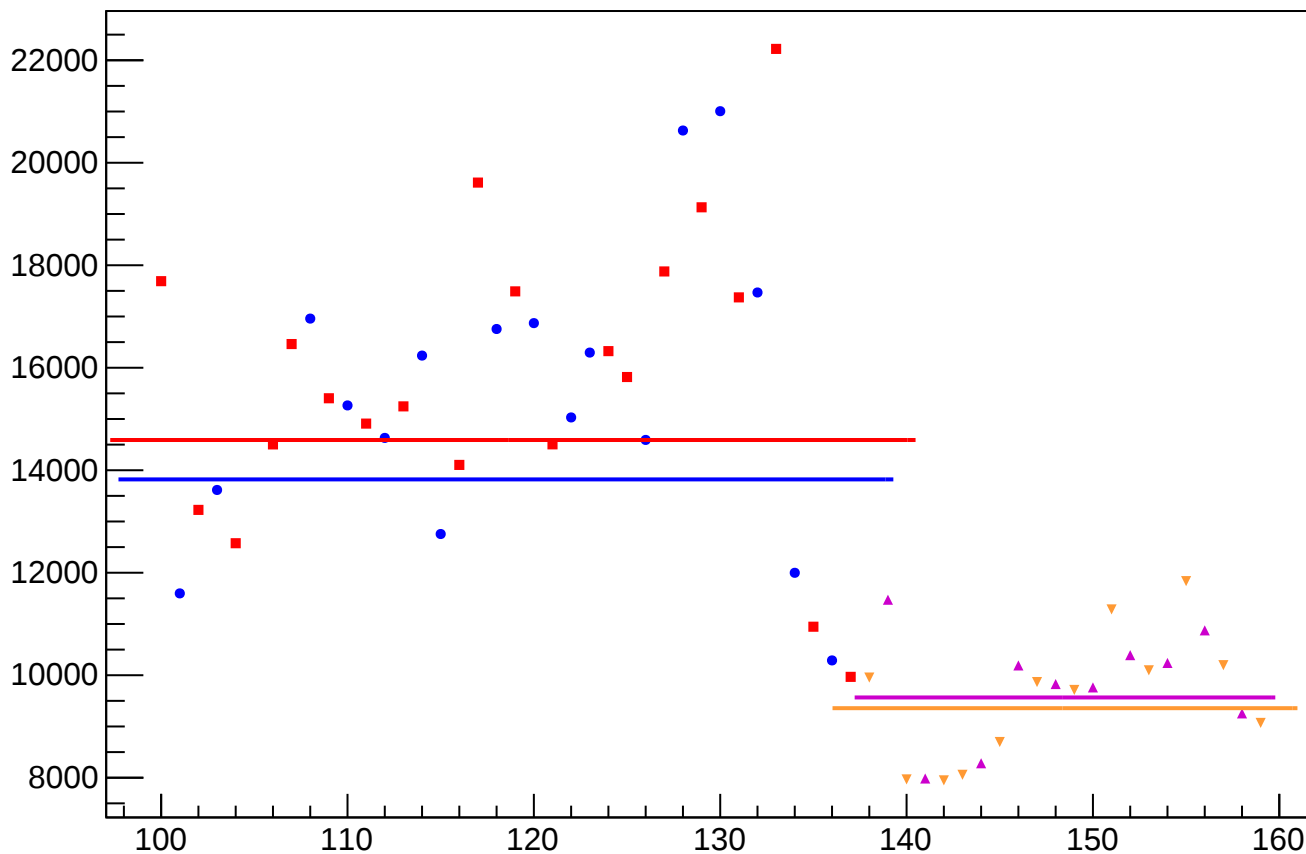
Left In: 1.576 ± 3.369 χ^2/NDF : 7.9/9

-12.255 ± 2.740 χ^2/NDF : 51.5/28

-4.539 ± 1.986 χ^2/NDF : 92.1/58

3.991 ± 2.881 χ^2/NDF : 23.9/29

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 13821.195 $\pm$ 3.900 χ^2 /NDF: 602672.4/16

Left Out: 9356.979 $\pm$ 2.233 χ^2 /NDF: 265636.7/11

Right Out: 14589.989 $\pm$ 3.933 χ^2 /NDF: 478169.1/19

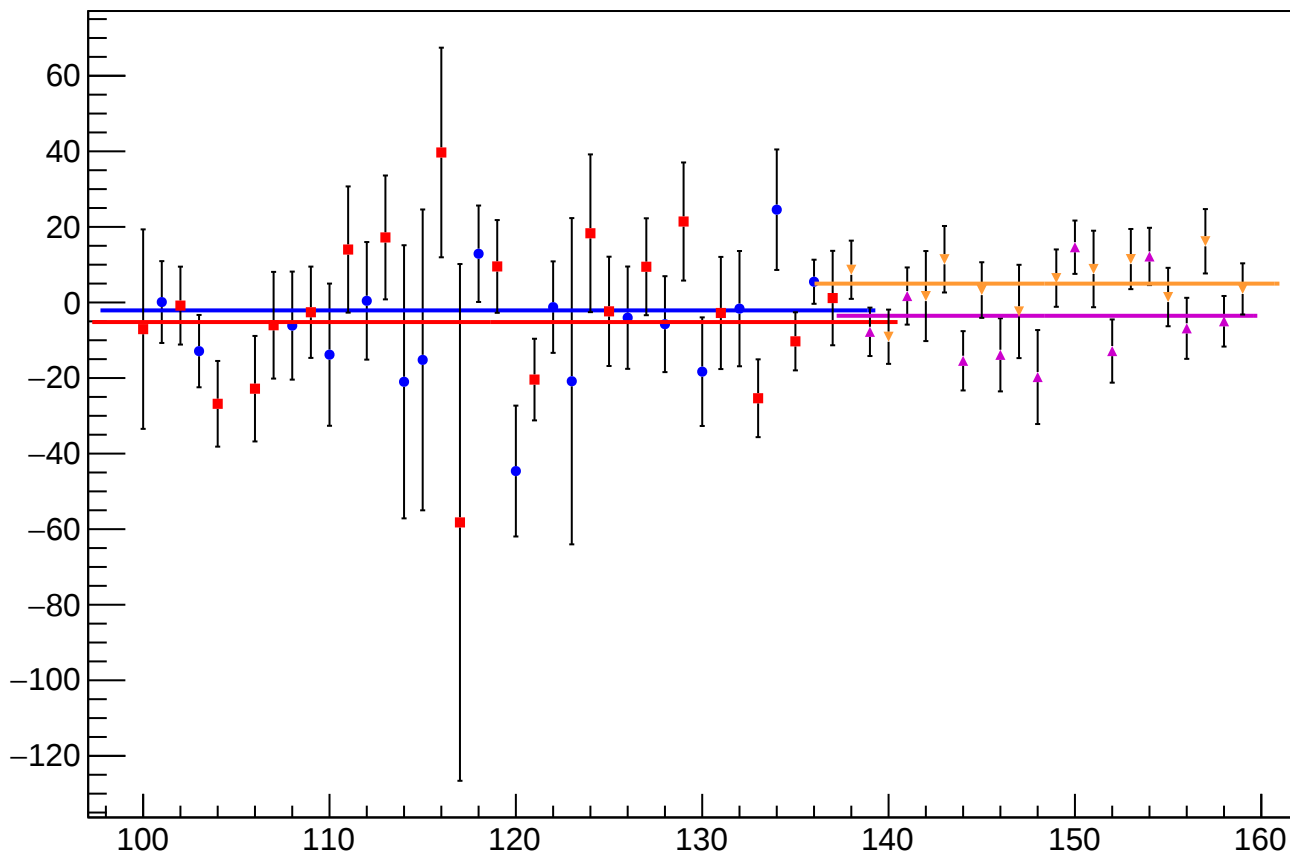
Left In: 9566.146 $\pm$ 2.382 χ^2 /NDF: 196640.2/9

10458.687 $\pm$ 1.938 χ^2 /NDF: 1855107.5/28

10675.193 $\pm$ 1.404 χ^2 /NDF: 3750180.7/5

10914.586 $\pm$ 2.037 χ^2 /NDF: 1868780.4/29

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -2.098 ± 3.106 χ^2/NDF : 15.6/16

Left Out: 4.985 ± 2.381 χ^2/NDF : 7.9/11

Right Out: -5.184 ± 2.959 χ^2/NDF : 25.4/19

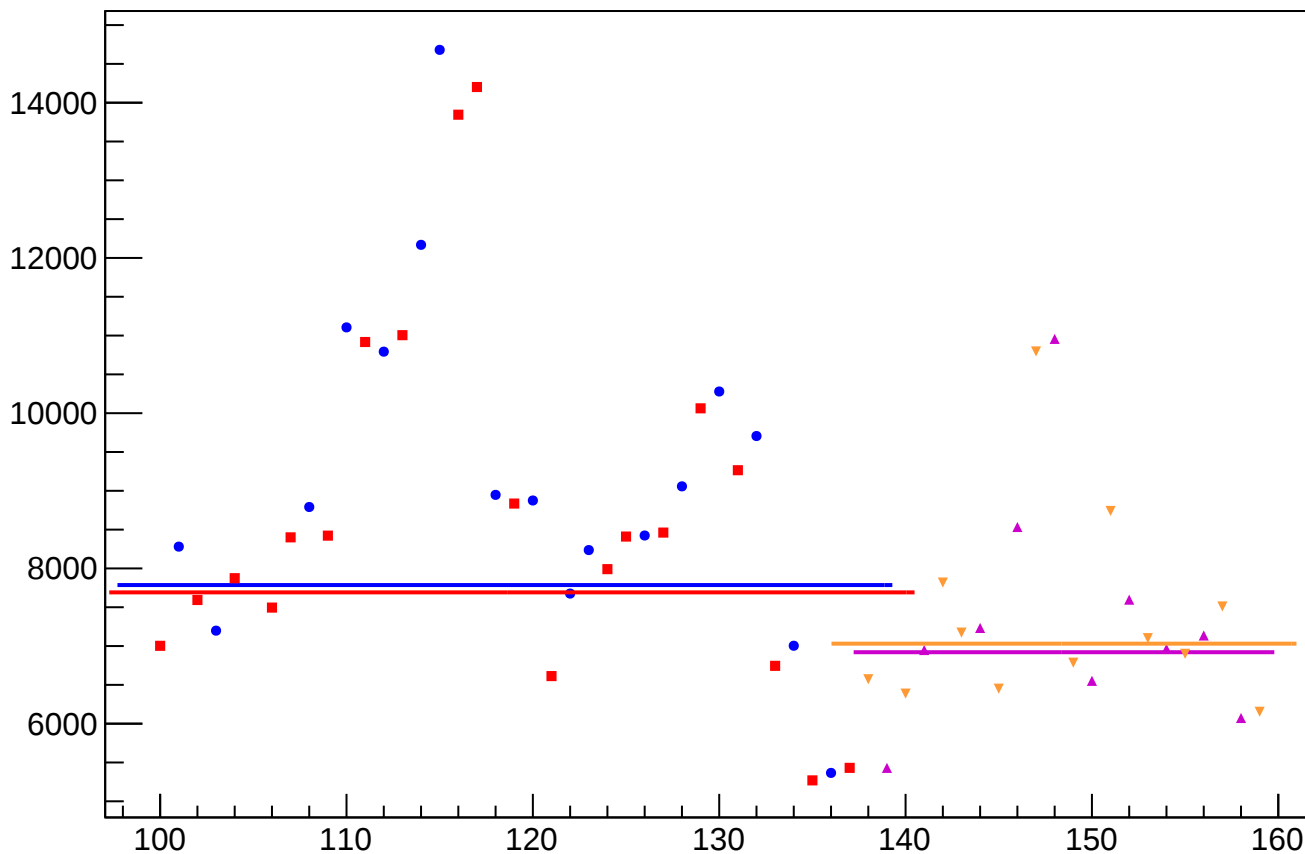
Left In: -3.525 ± 2.465 χ^2/NDF : 18.4/9

2.364 ± 1.890 χ^2/NDF : 26.8/28

-0.913 ± 1.338 χ^2/NDF : 76.8/58

-4.204 ± 1.894 χ^2/NDF : 44.0/29

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 7785.931 +/- 2.197 χ^2 /NDF: 738101.9/16

Left Out: 7030.907 +/- 1.684 χ^2 /NDF: 330465.8/11

Right Out: 7691.398 +/- 2.093 χ^2 /NDF: 686898.9/19

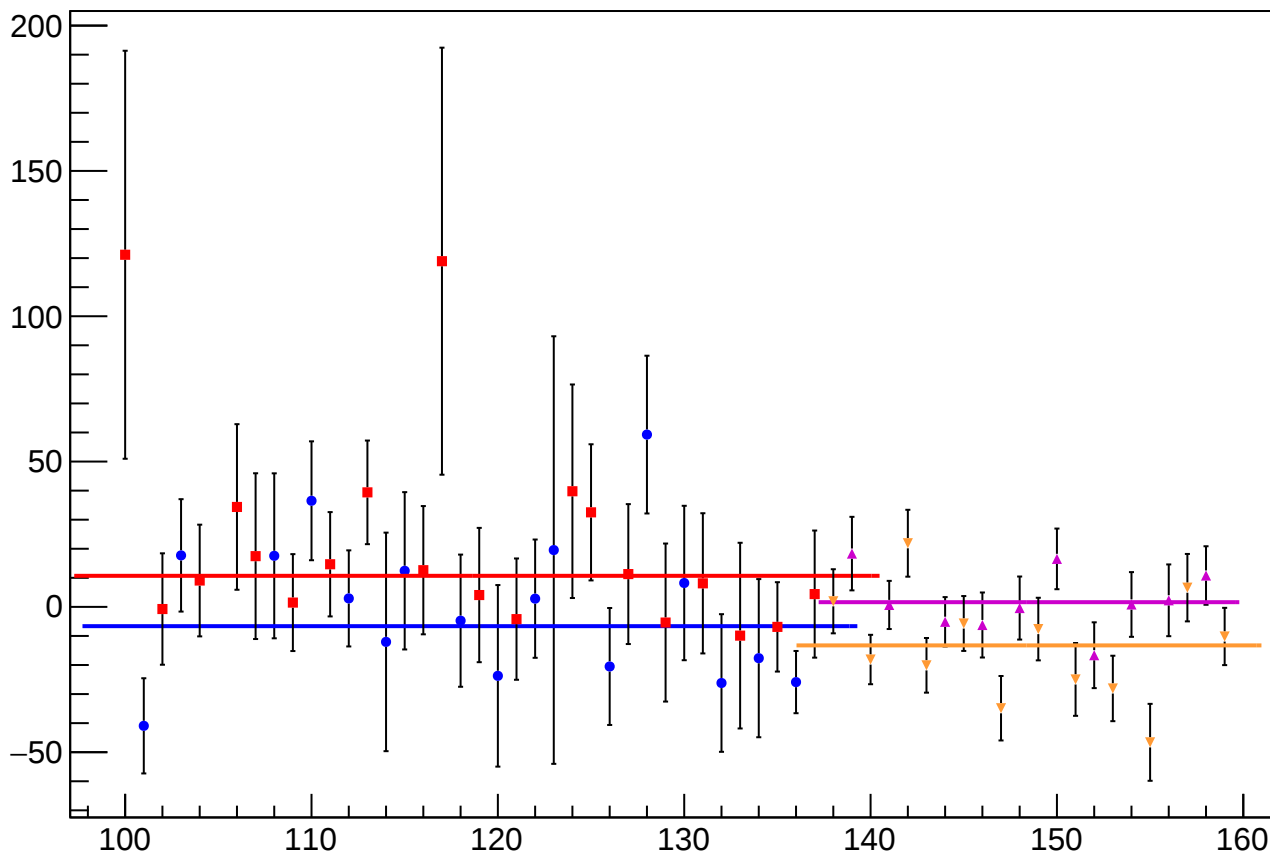
Left In: 6920.649 +/- 1.743 χ^2 /NDF: 429739.4/9

7310.325 +/- 1.336 χ^2 /NDF: 1142989.9/28

7273.399 +/- 0.946 χ^2 /NDF: 2341256.7/58

7236.311 +/- 1.339 χ^2 /NDF: 1196736.2/29

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -6.634 ± 5.101 χ^2/NDF : 23.4/16

Left Out: -13.252 ± 3.063 χ^2/NDF : 28.8/11

Right Out: 10.688 ± 5.063 χ^2/NDF : 13.0/19

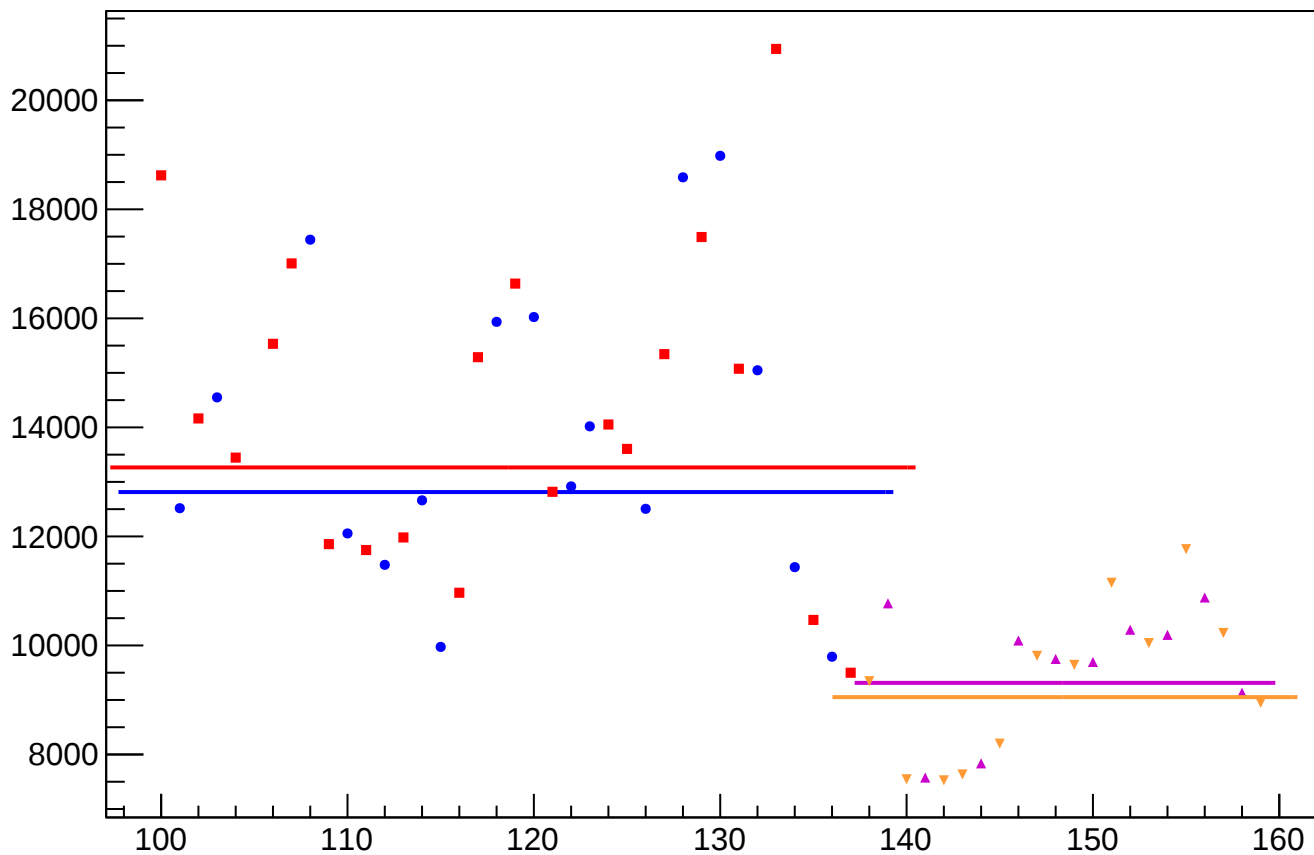
Left In: 1.618 ± 3.285 χ^2/NDF : 8.4/9

-11.499 ± 2.626 χ^2/NDF : 53.4/28

-3.978 ± 1.901 χ^2/NDF : 94.3/58

4.305 ± 2.756 χ^2/NDF : 23.6/29

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 12813.726+/-3.607 χ^2/NDF : 548127.6/16

Left Out: 9052.117+/-2.166 χ^2/NDF : 353304.2/11

Right Out: 13265.185+/-3.580 χ^2/NDF : 485810.1/19

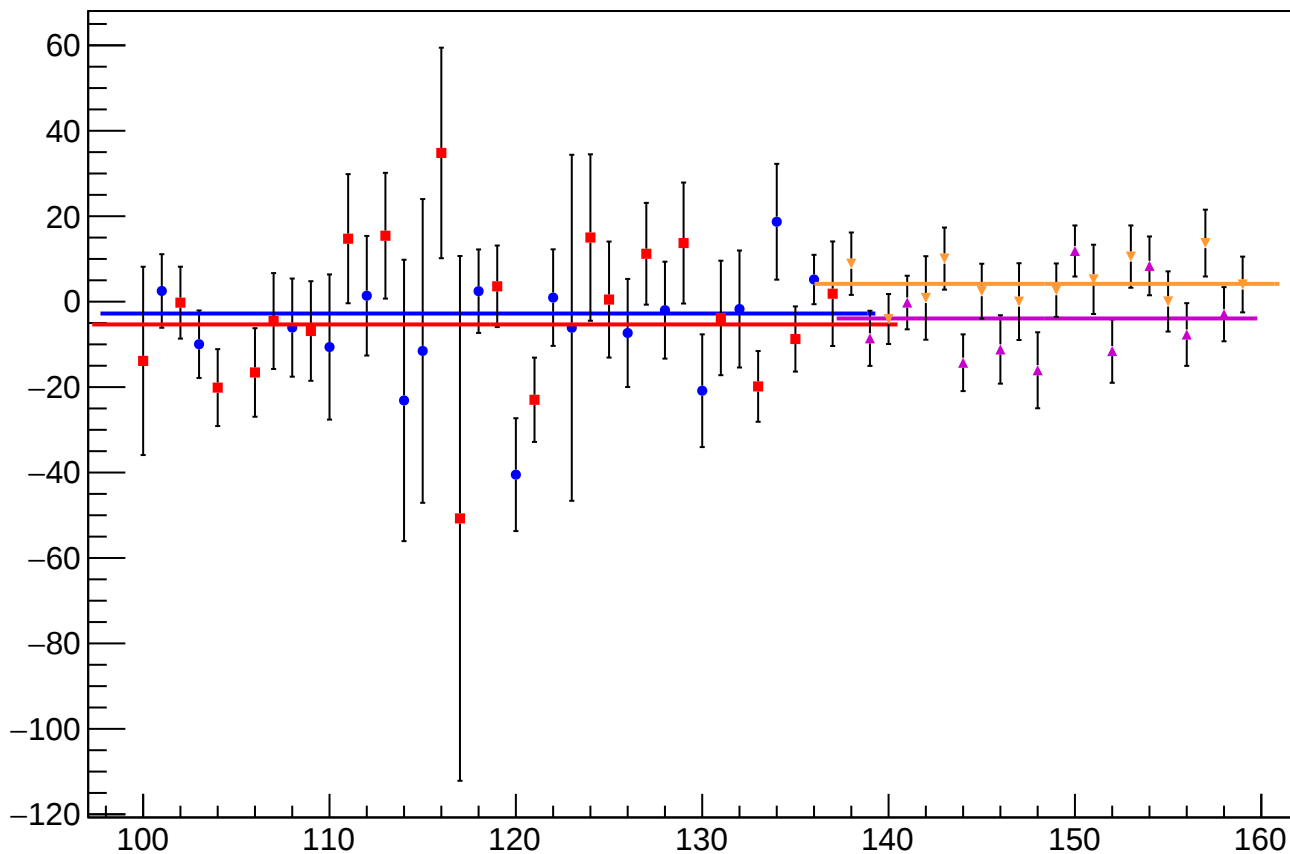
Left In: 9313.632+/-2.323 χ^2/NDF : 250812.9/9

10048.704+/-1.857 χ^2/NDF : 1700778.6/28

10256.047+/-1.344 χ^2/NDF : 3321028.1/5

10484.430+/-1.949 χ^2/NDF : 1594042.0/29

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -2.778 ± 2.747 χ^2/NDF : 17.0/16

Left Out: 4.169 ± 2.069 χ^2/NDF : 6.1/11

Right Out: -5.332 ± 2.587 χ^2/NDF : 24.1/19

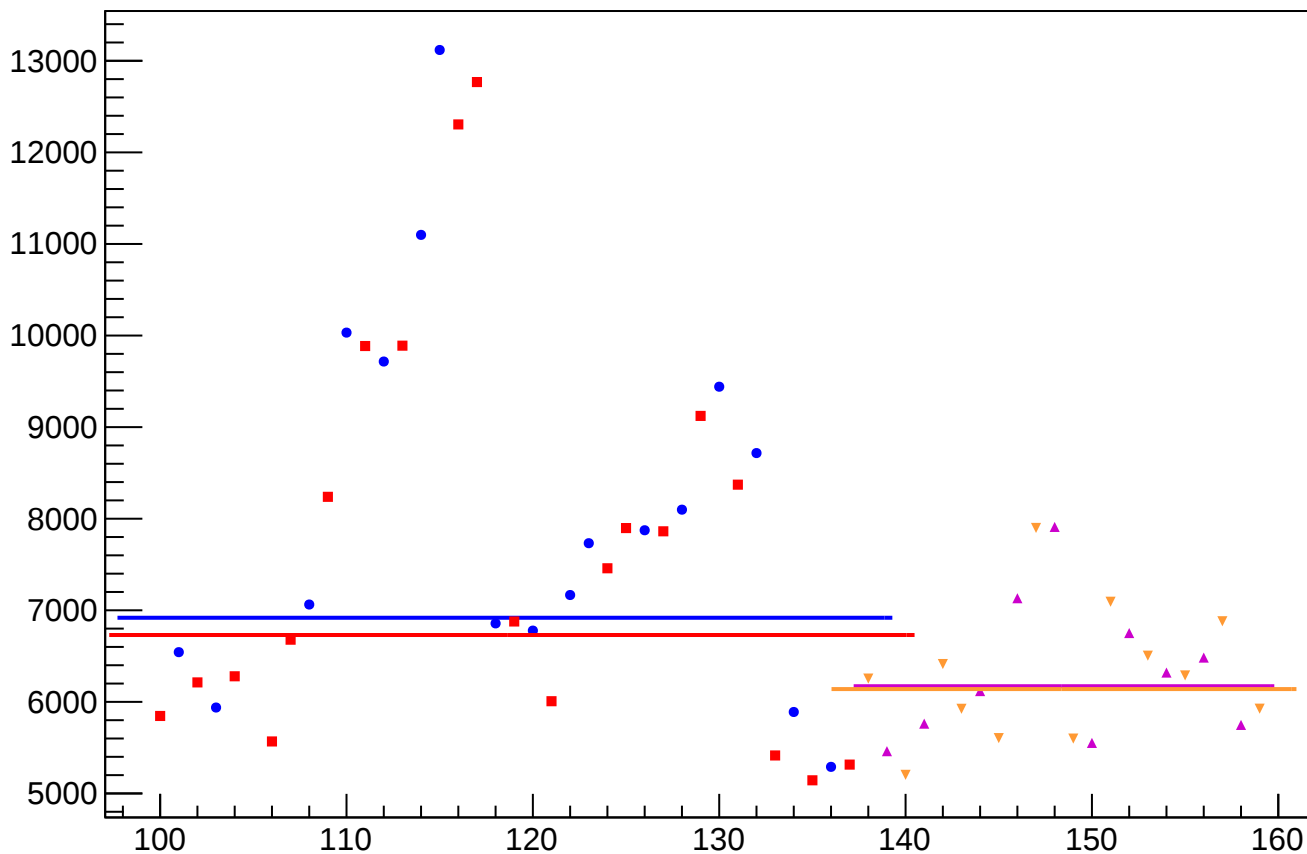
Left In: -3.933 ± 2.177 χ^2/NDF : 17.5/9

1.654 ± 1.653 χ^2/NDF : 27.2/28

-1.405 ± 1.173 χ^2/NDF : 75.9/58

-4.513 ± 1.666 χ^2/NDF : 41.8/29

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 6918.554 $\pm$ 1.943 χ^2 /NDF: 587976.6/16

Left Out: 6139.710 $\pm$ 1.463 χ^2 /NDF: 214234.1/11

Right Out: 6730.137 $\pm$ 1.830 χ^2 /NDF: 673193.1/19

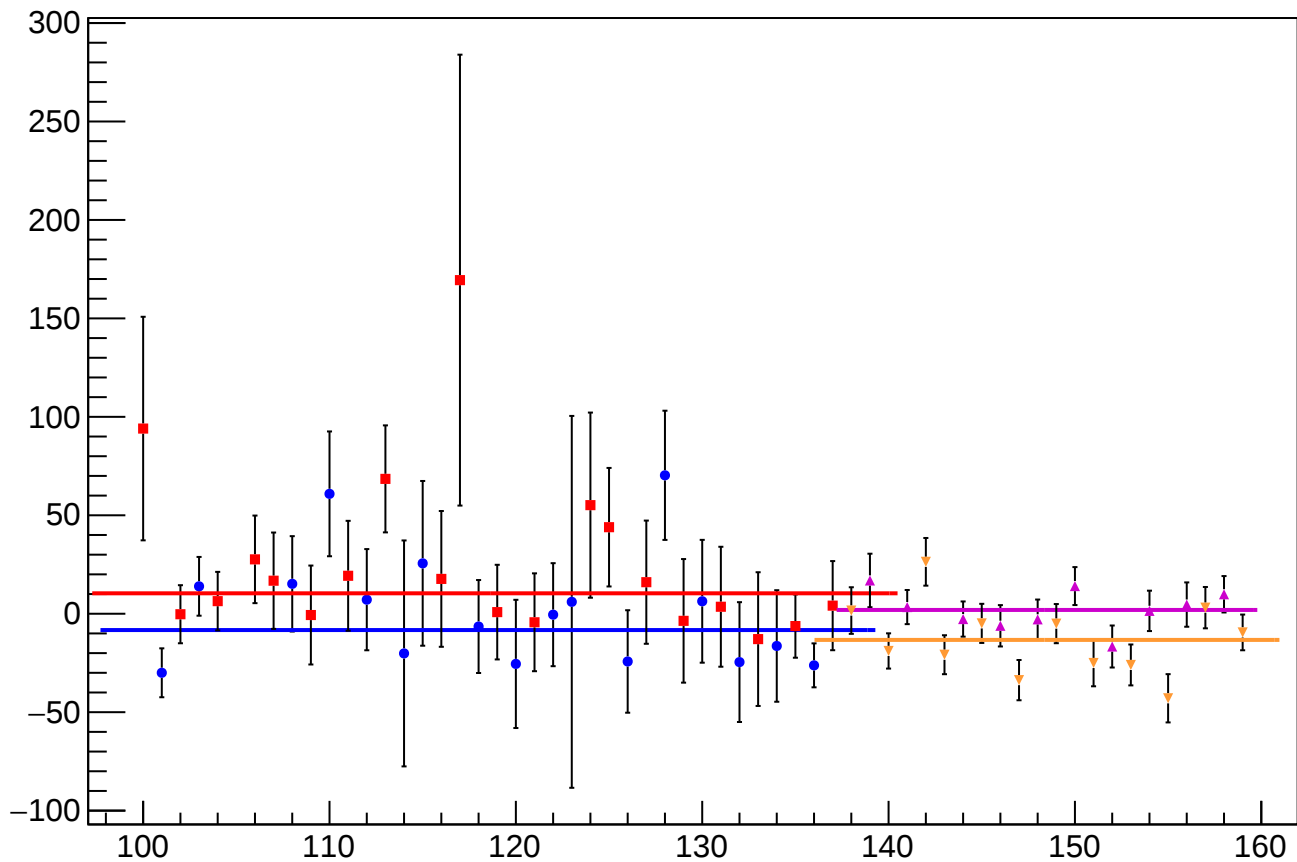
Left In: 6170.949 $\pm$ 1.539 χ^2 /NDF: 185216.6/9

6421.613 $\pm$ 1.169 χ^2 /NDF: 904782.0/28

6412.225 $\pm$ 0.830 χ^2 /NDF: 1818026.7/58

6402.690 $\pm$ 1.178 χ^2 /NDF: 913114.6/29

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -8.286 ± 5.410 χ^2/NDF : 21.7/16

Left Out: -13.292 ± 3.005 χ^2/NDF : 29.6/11

Right Out: 10.376 ± 5.507 χ^2/NDF : 14.8/19

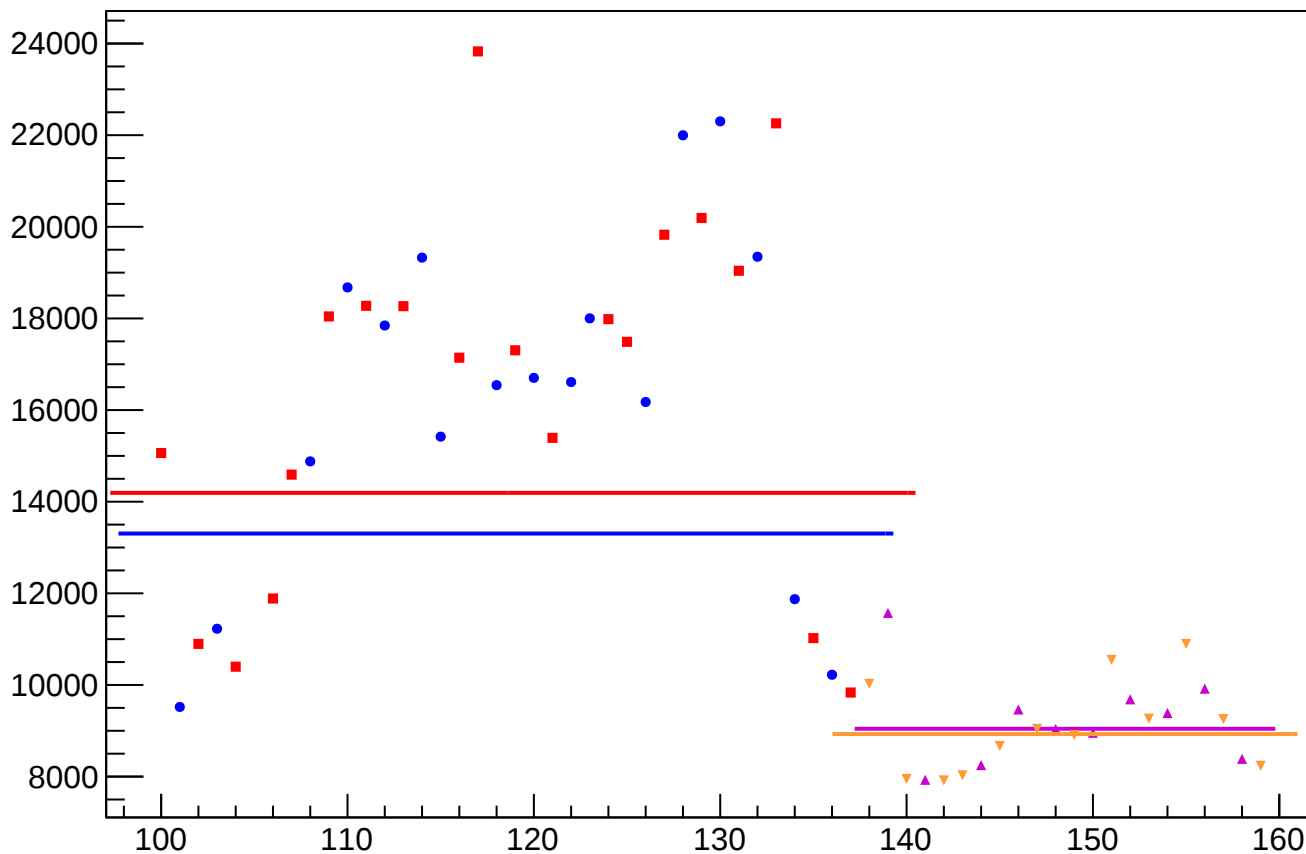
Left In: 1.926 ± 3.181 χ^2/NDF : 7.7/9

-12.112 ± 2.627 χ^2/NDF : 52.0/28

-4.419 ± 1.901 χ^2/NDF : 94.3/58

4.040 ± 2.754 χ^2/NDF : 24.3/29

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 13305.410+/-3.826 χ^2/NDF : 1044091.1/16

Left Out: 8928.292+/-2.125 χ^2/NDF : 177862.7/11

Right Out: 14193.006+/-3.894 χ^2/NDF : 944809.1/19

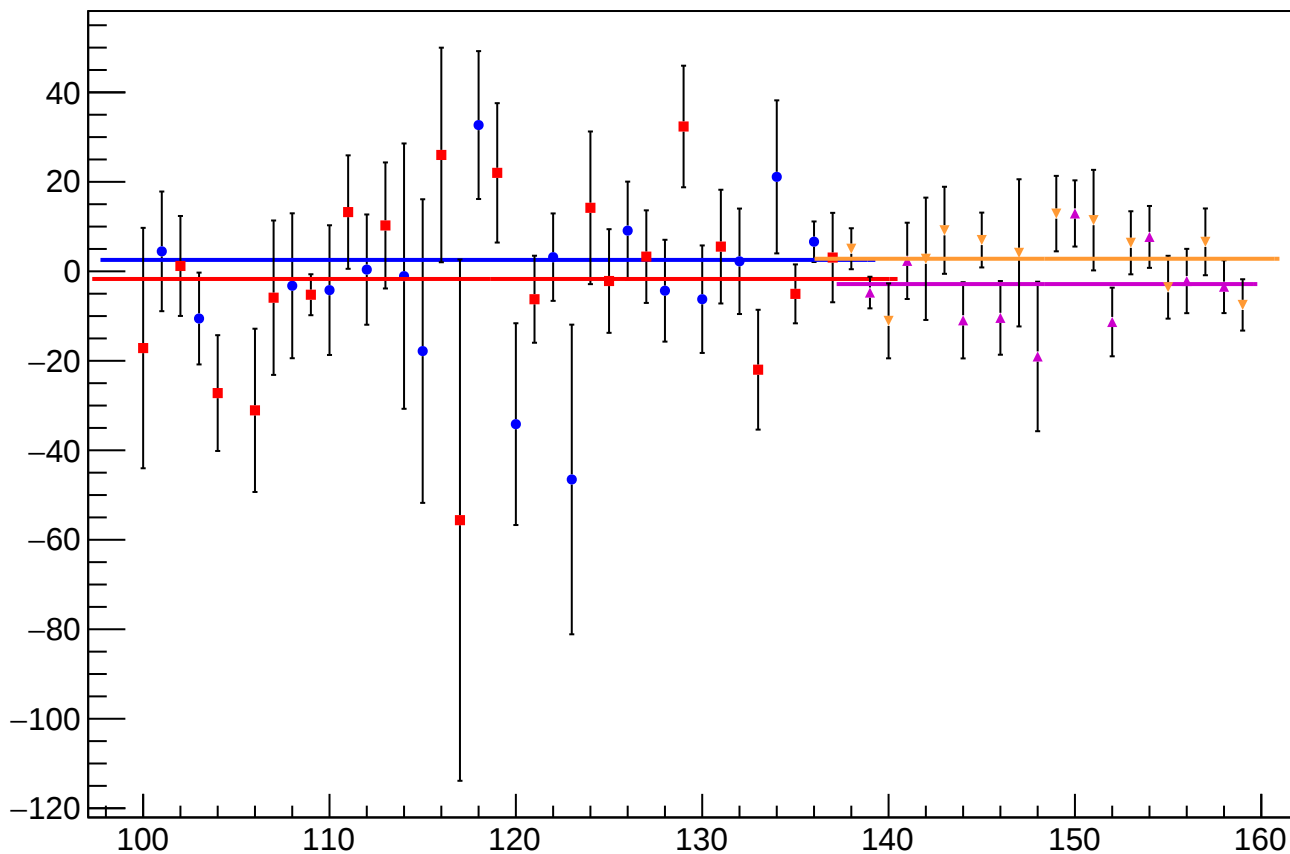
Left In: 9043.755+/-2.249 χ^2/NDF : 153047.8/9

9960.098+/-1.857 χ^2/NDF : 2222502.9/28

10137.269+/-1.344 χ^2/NDF : 4650696.8/5

10332.089+/-1.948 χ^2/NDF : 2409089.8/29

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: 2.551 $\pm$ 2.757 χ^2/NDF : 13.6/16

Left Out: 2.810 $\pm$ 2.137 χ^2/NDF : 10.5/11

Right Out: -1.708 $\pm$ 2.440 χ^2/NDF : 24.9/19

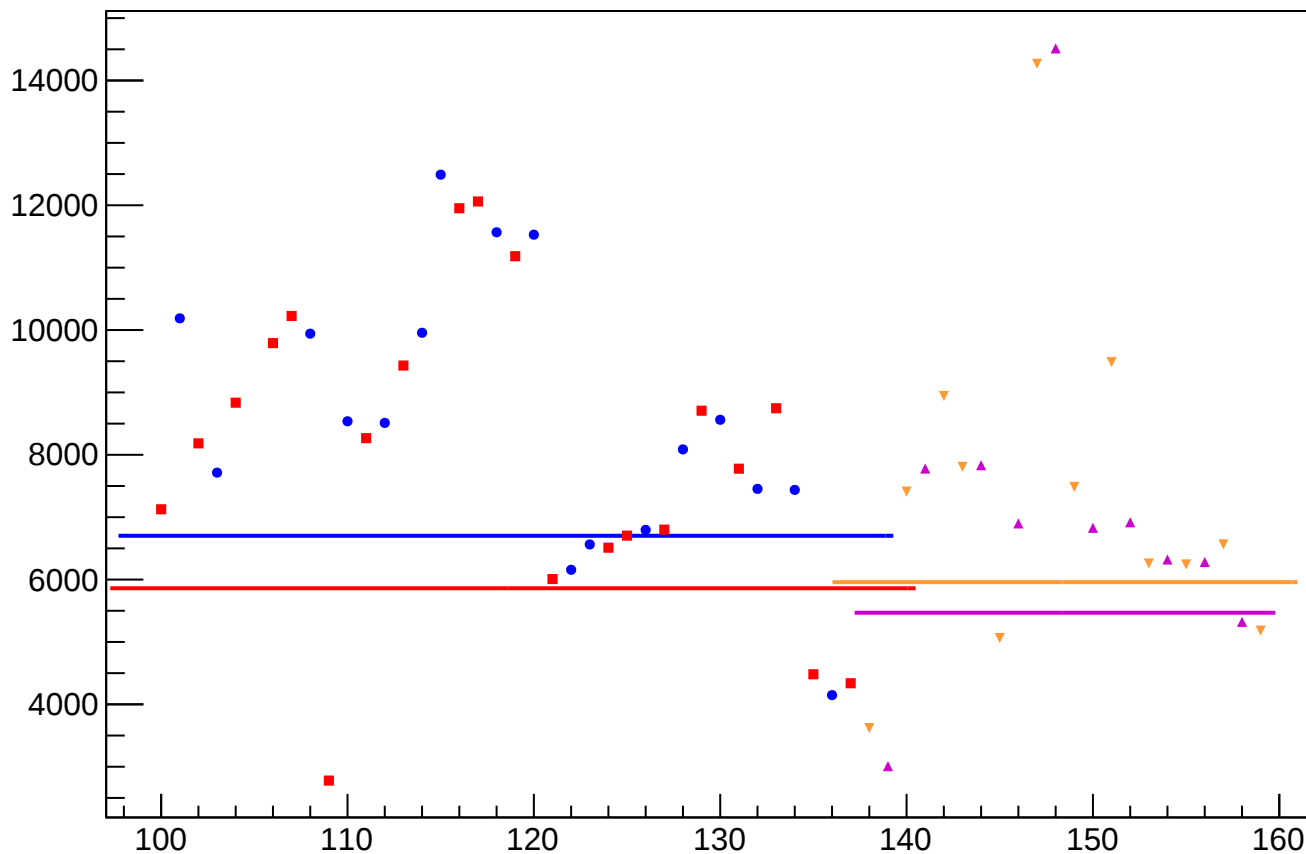
Left In: -2.849 $\pm$ 2.084 χ^2/NDF : 11.5/9

2.713 $\pm$ 1.689 χ^2/NDF : 24.1/28

0.011 $\pm$ 1.156 χ^2/NDF : 65.4/58

-2.368 $\pm$ 1.585 χ^2/NDF : 36.4/29

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 6702.245+/-1.949 χ^2/NDF : 1389956.8/16

Left Out: 5958.732+/-1.511 χ^2/NDF : 1622164.7/11

Right Out: 5860.505+/-1.725 χ^2/NDF : 2301163.3/19

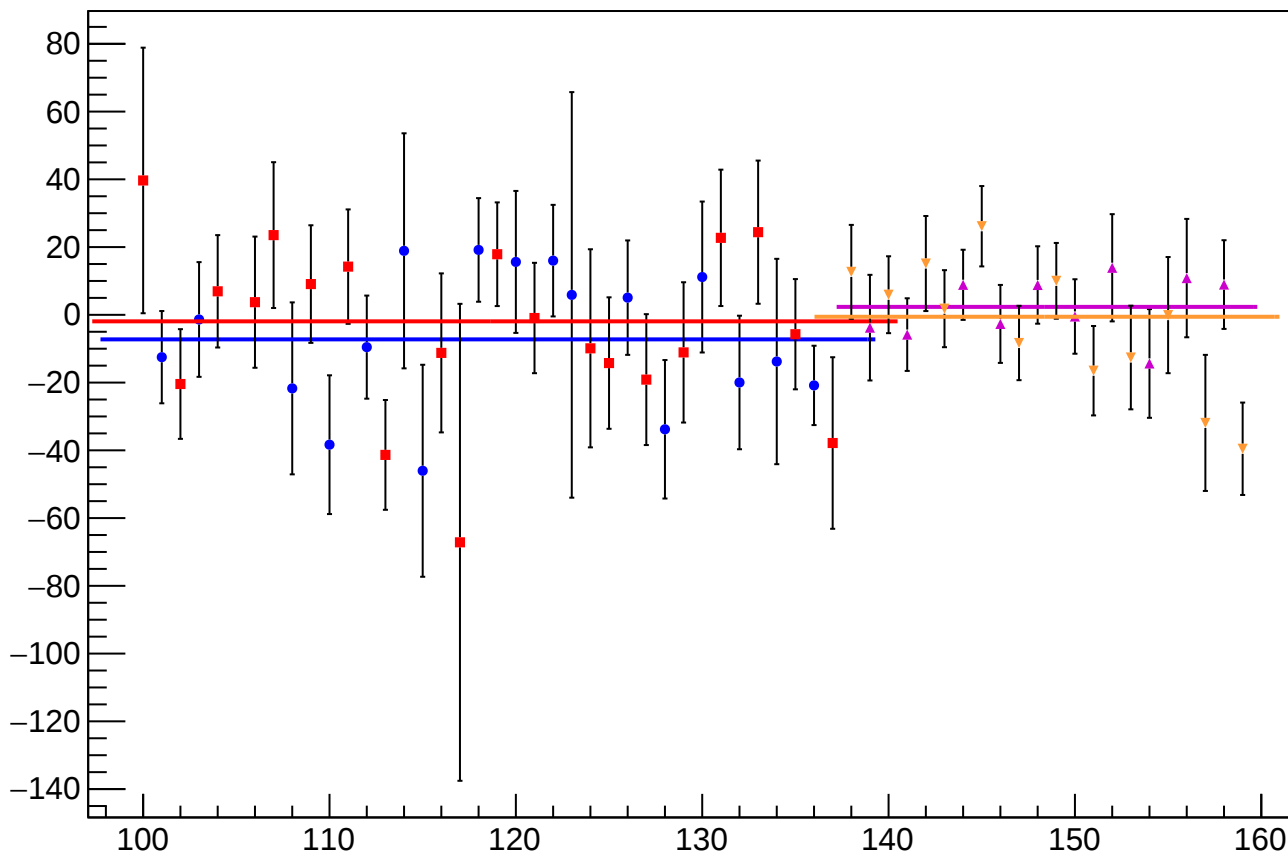
Left In: 5468.201+/-1.474 χ^2/NDF : 2112912.2/9

6237.846+/-1.194 χ^2/NDF : 3102987.4/28

5916.565+/-0.817 χ^2/NDF : 7683017.9/58

5633.696+/-1.121 χ^2/NDF : 4443961.9/29

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -7.245 $\pm$ 4.547 χ^2/NDF : 15.9/16

Left Out: -0.569 $\pm$ 3.768 χ^2/NDF : 21.7/11

Right Out: -1.922 $\pm$ 4.365 χ^2/NDF : 20.7/19

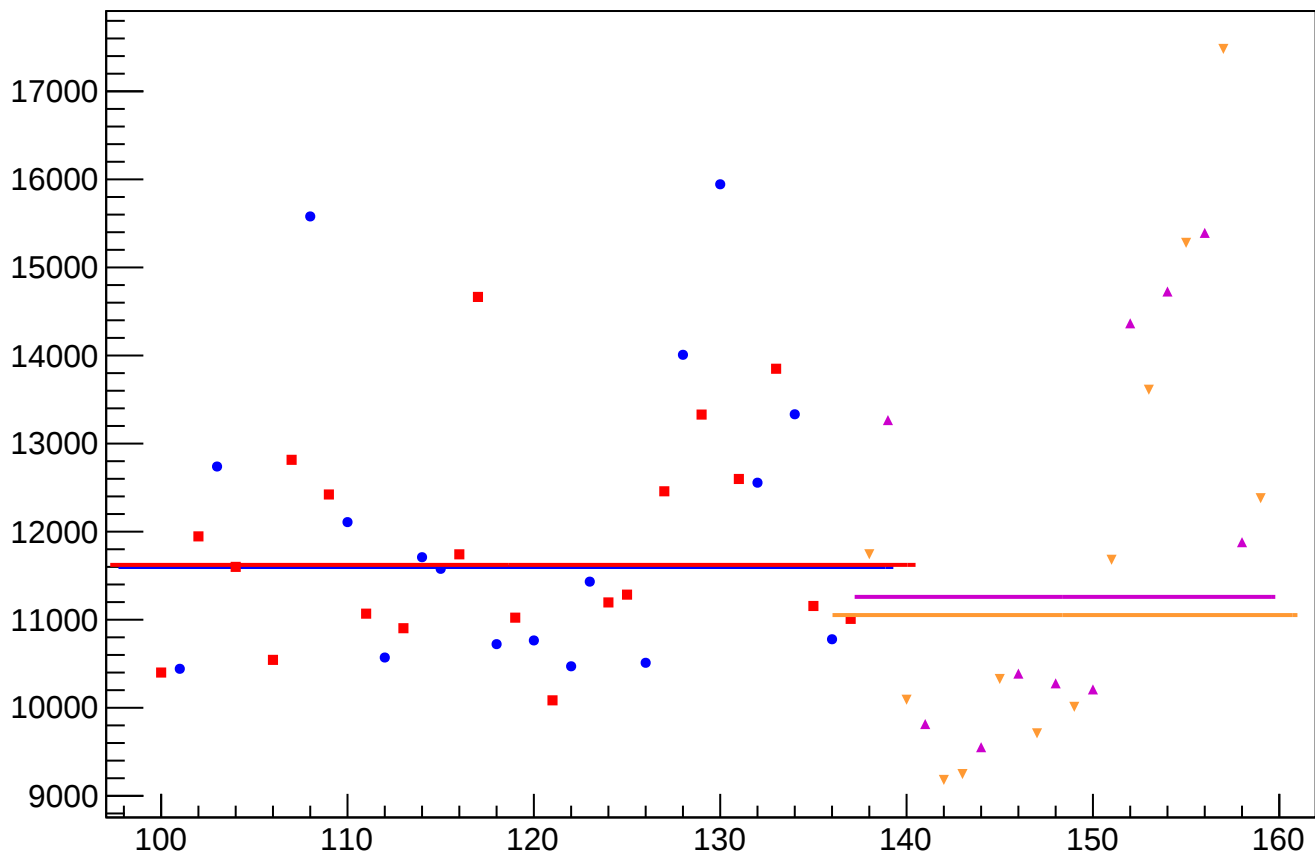
Left In: 2.347 $\pm$ 3.996 χ^2/NDF : 3.8/9

-3.287 $\pm$ 2.901 χ^2/NDF : 38.9/28

-1.473 $\pm$ 2.068 χ^2/NDF : 64.8/58

0.400 $\pm$ 2.947 χ^2/NDF : 25.1/29

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11598.751 ± 3.215 χ^2/NDF : 235423.8/16

Left Out: 11052.821 ± 2.664 χ^2/NDF : 565913.8/11

Right Out: 11622.681 ± 3.086 χ^2/NDF : 98197.0/19

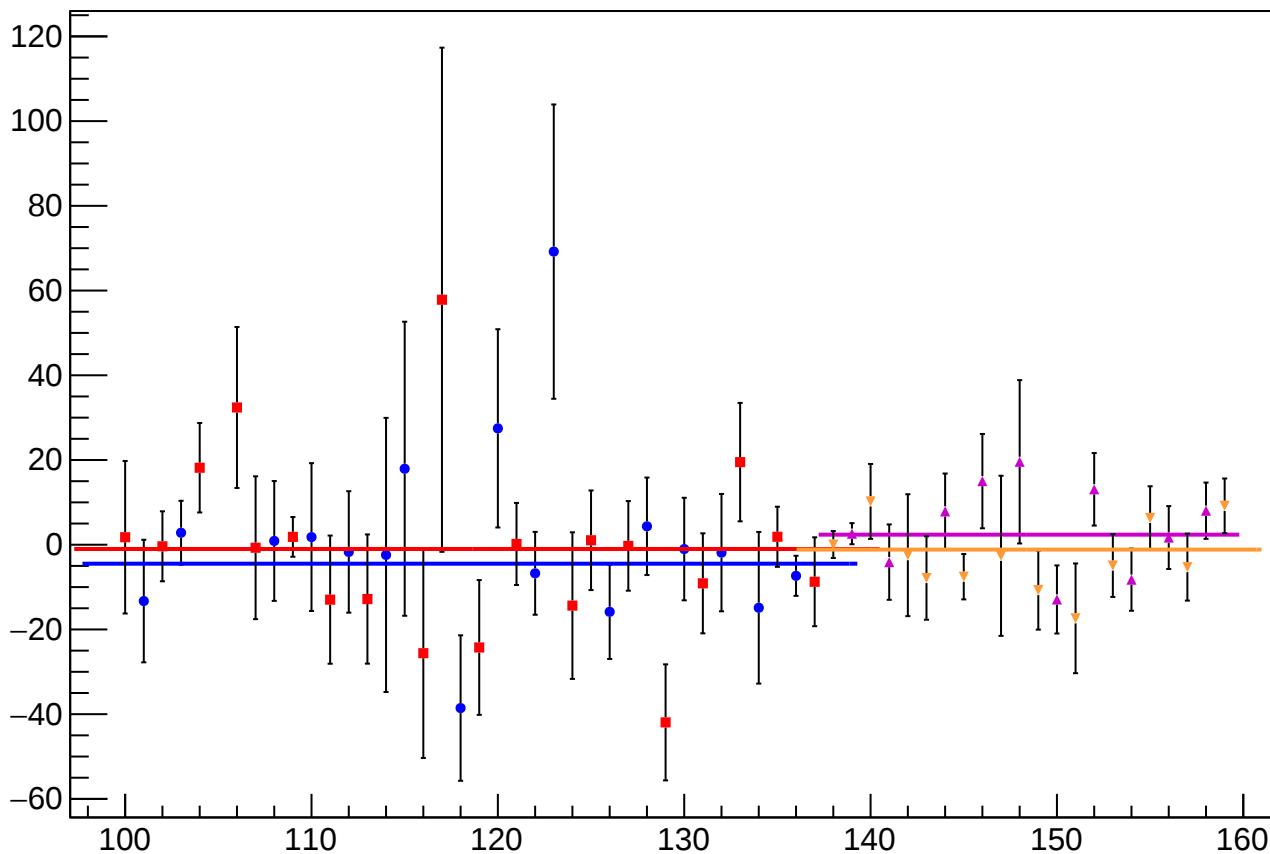
Left In: 11259.394 ± 2.826 χ^2/NDF : 455142.1/9

11275.058 ± 2.051 χ^2/NDF : 818432.4/28

11348.871 ± 1.462 χ^2/NDF : 1381940.0/5

11425.061 ± 2.084 χ^2/NDF : 560876.5/29

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -4.476 $\pm$ 2.782 χ^2/NDF : 14.8/16

Left Out: -1.147 $\pm$ 1.968 χ^2/NDF : 10.4/11

Right Out: -1.007 $\pm$ 2.427 χ^2/NDF : 25.0/19

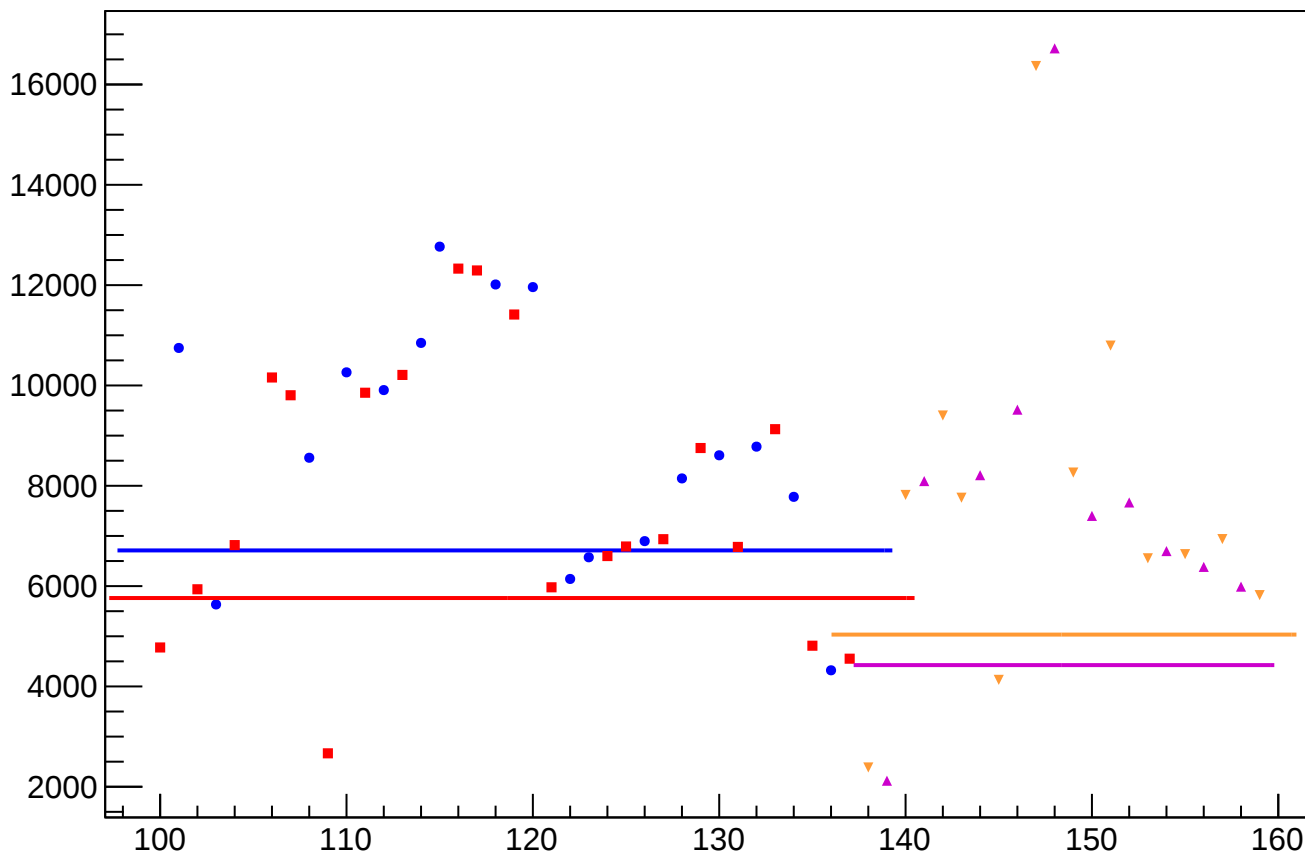
Left In: 2.379 $\pm$ 1.871 χ^2/NDF : 11.0/9

-2.257 $\pm$ 1.606 χ^2/NDF : 26.2/28

-0.434 $\pm$ 1.089 χ^2/NDF : 65.9/58

1.117 $\pm$ 1.482 χ^2/NDF : 37.3/29

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 6711.550+/-1.967 χ^2/NDF : 1446972.0/16

Left Out: 5033.626+/-1.391 χ^2/NDF : 3659841.3/11

Right Out: 5762.387+/-1.716 χ^2/NDF : 2189239.7/19

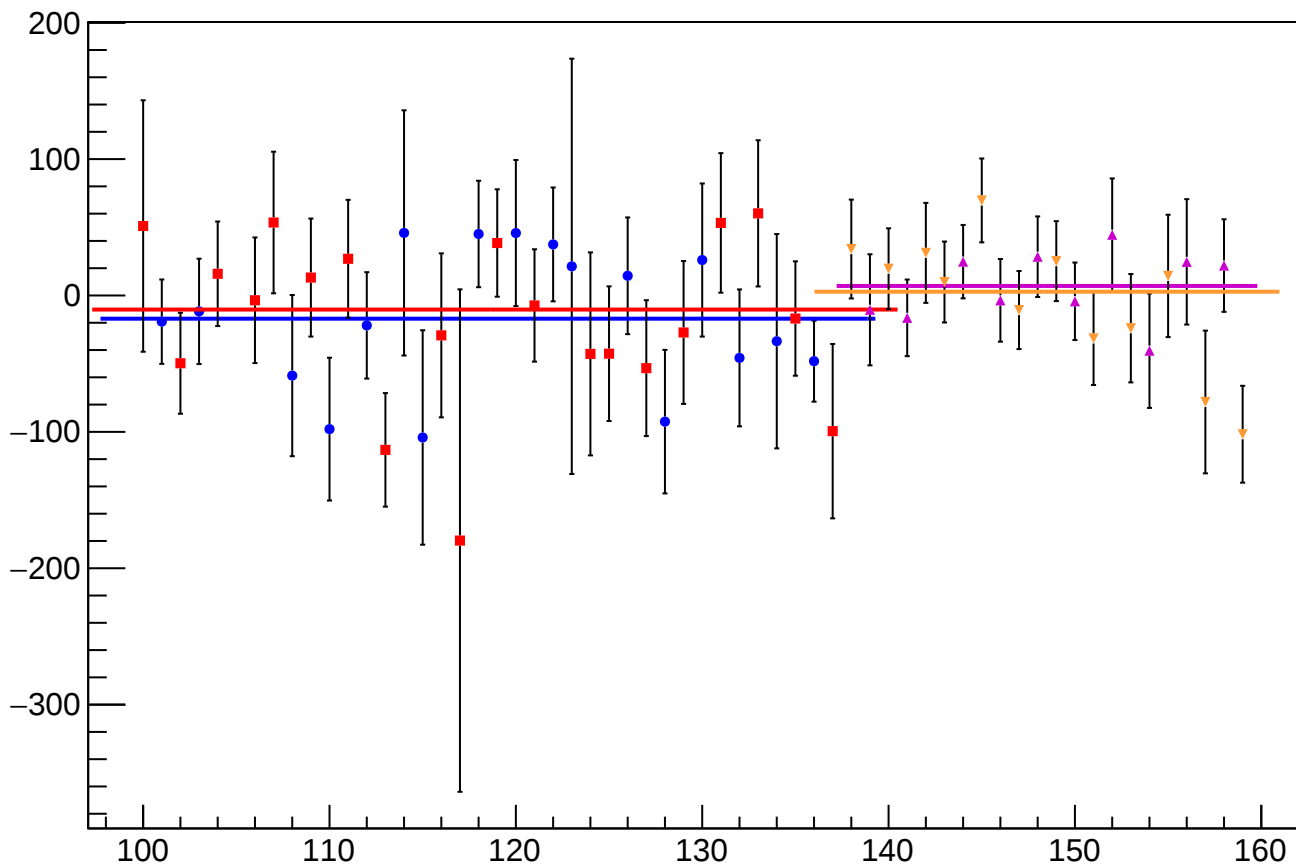
Left In: 4425.293+/-1.323 χ^2/NDF : 4646076.6/9

5593.226+/-1.136 χ^2/NDF : 5591824.4/28

5231.596+/-0.770 χ^2/NDF : 12995461.2/5

4923.841+/-1.048 χ^2/NDF : 7216030.7/29

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -17.010 $\pm$ 11.287 χ^2/NDF : 15.0/16

Left Out: 2.761 $\pm$ 9.820 χ^2/NDF : 19.8/11

Right Out: -10.311 $\pm$ 10.872 χ^2/NDF : 19.9/19

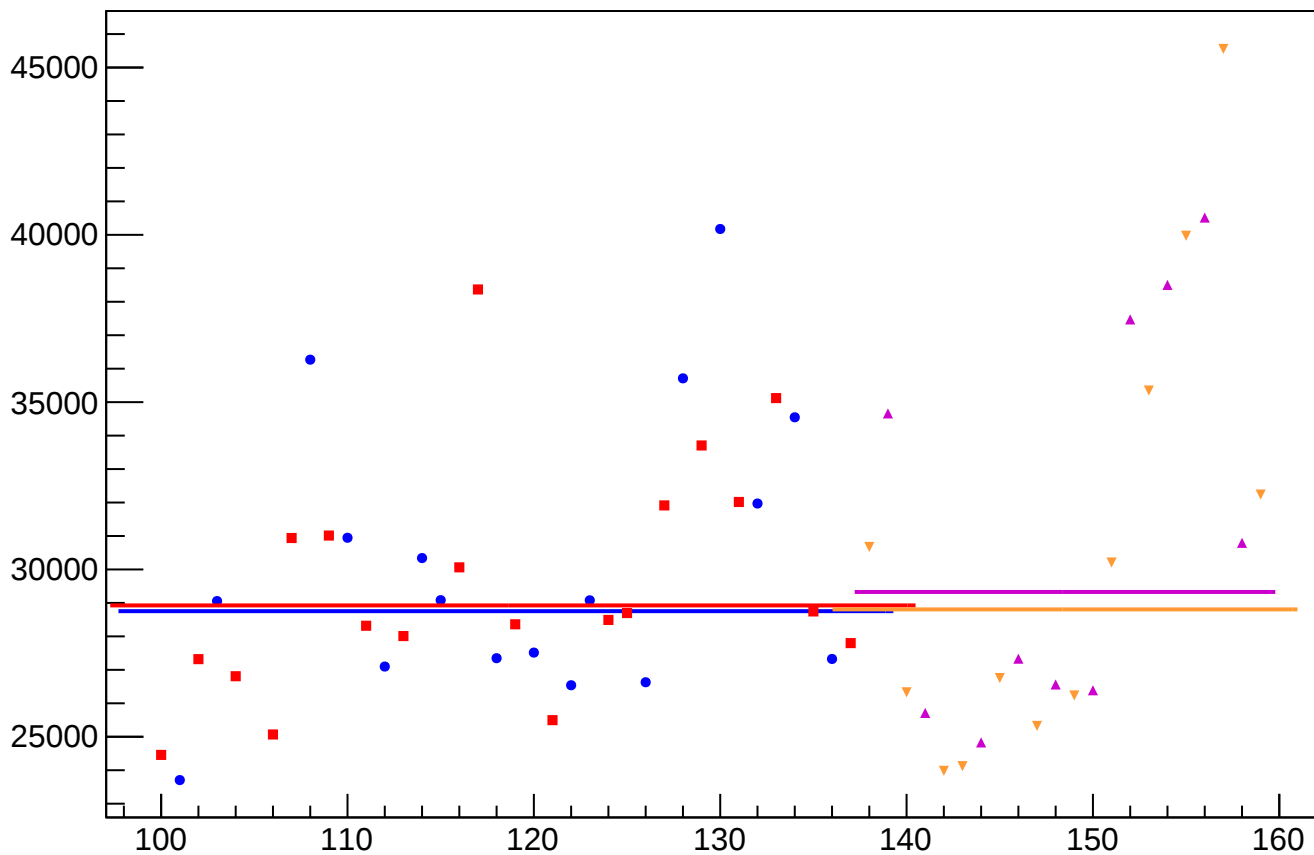
Left In: 6.986 $\pm$ 10.413 χ^2/NDF : 4.6/9

-5.757 $\pm$ 7.409 χ^2/NDF : 36.6/28

-3.557 $\pm$ 5.278 χ^2/NDF : 62.6/58

-1.290 $\pm$ 7.520 χ^2/NDF : 25.8/29

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 28753.787 $\pm$ 7.981 χ^2/NDF : 249215.1/16

Left Out: 28806.304 $\pm$ 6.944 χ^2/NDF : 562830.8/11

Right Out: 28925.160 $\pm$ 7.687 χ^2/NDF : 116514.7/19

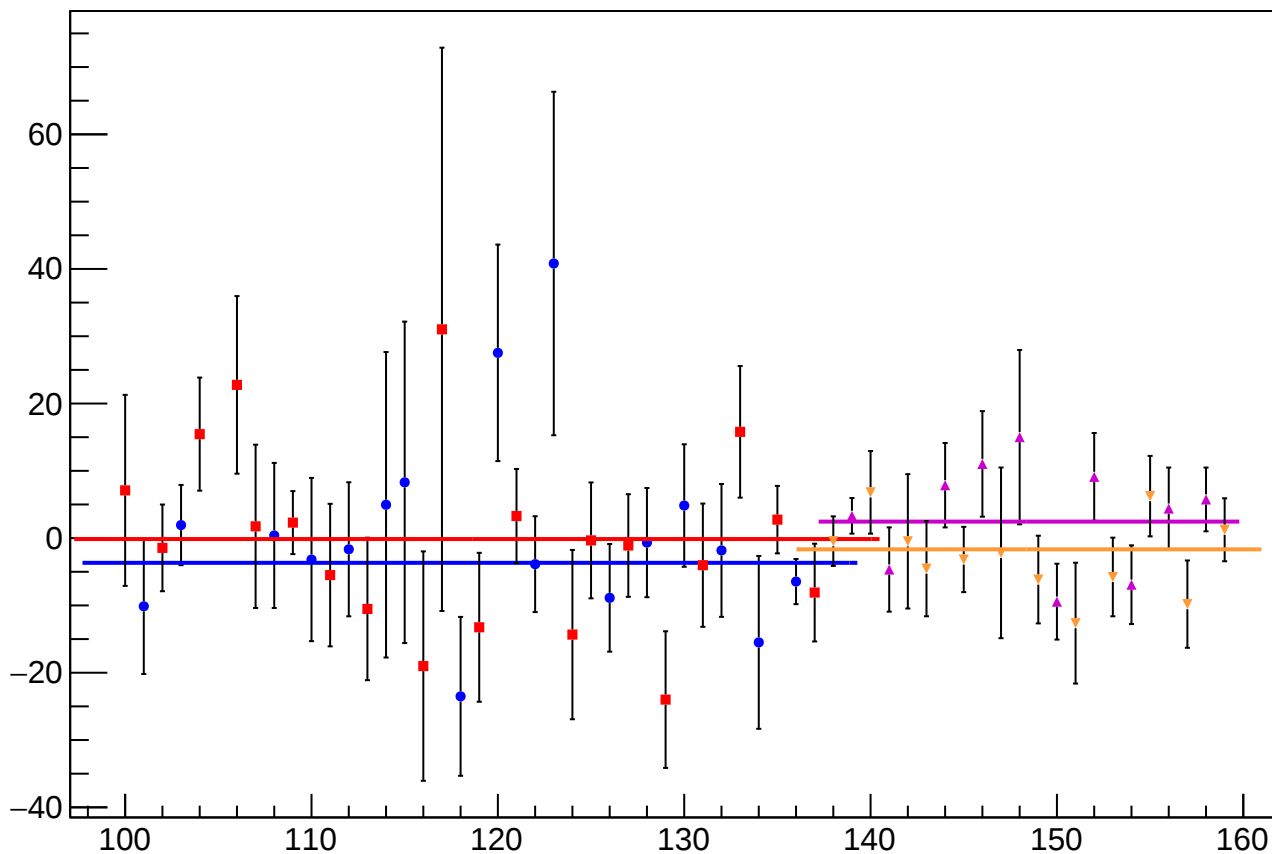
Left In: 29327.525 $\pm$ 7.363 χ^2/NDF : 466510.6/9

28783.677 $\pm$ 5.239 χ^2/NDF : 812070.6/28

28956.726 $\pm$ 3.732 χ^2/NDF : 1398740.1/5

29135.012 $\pm$ 5.317 χ^2/NDF : 584454.2/29

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -3.668 ± 2.010 $\chi^2/\text{NDF}: 14.5/16$

Left Out: -1.664 ± 1.711 $\chi^2/\text{NDF}: 8.5/11$

Right Out: -0.135 ± 1.891 $\chi^2/\text{NDF}: 22.9/19$

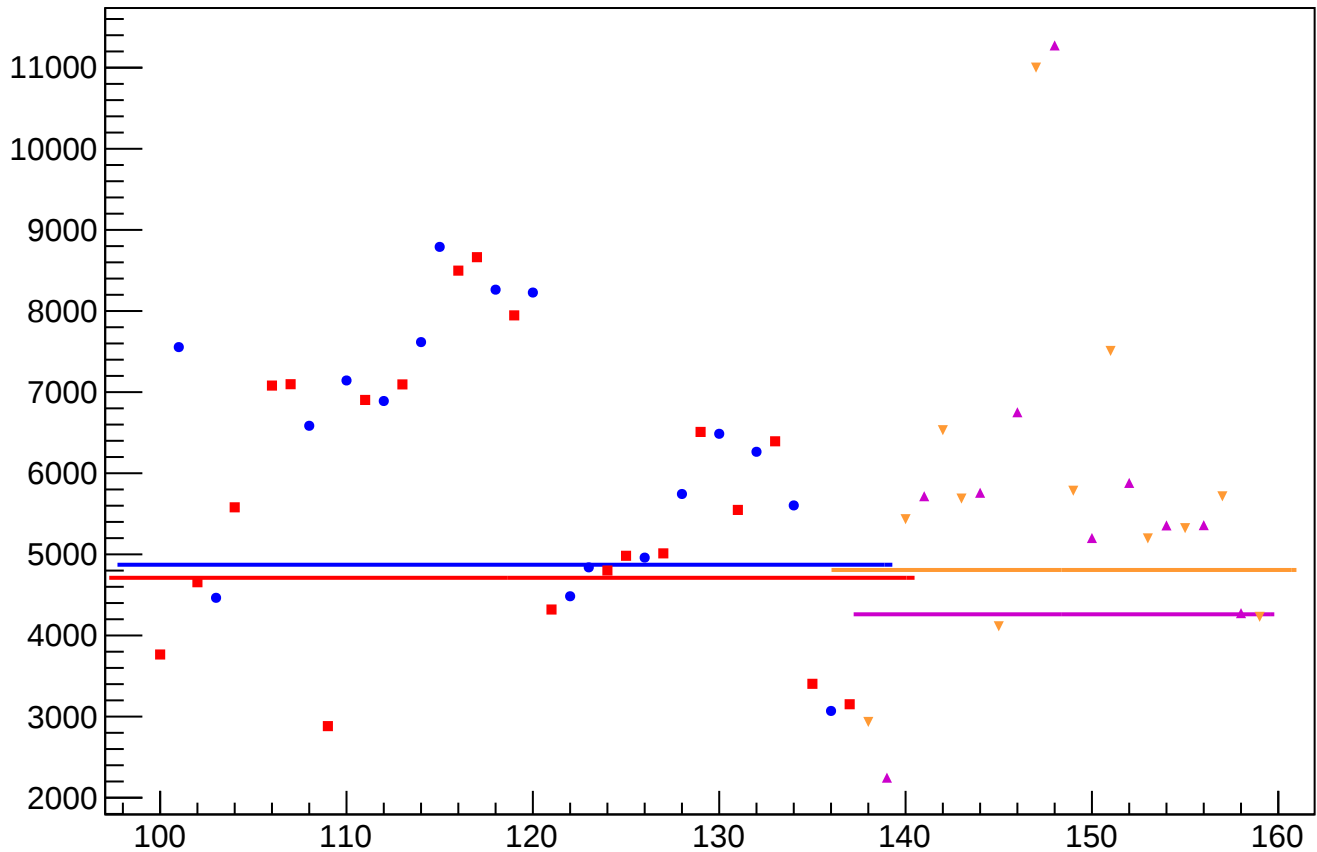
Left In: 2.455 ± 1.640 $\chi^2/\text{NDF}: 12.9/9$

-2.506 ± 1.303 $\chi^2/\text{NDF}: 23.5/28$

-0.485 ± 0.898 $\chi^2/\text{NDF}: 65.0/58$

1.342 ± 1.239 $\chi^2/\text{NDF}: 36.9/29$

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 4872.105+/-1.421 χ^2 /NDF: 1405253.2/16

Left Out: 4807.608+/-1.210 χ^2 /NDF:1465766.2/11

Right Out: 4711.077+/-1.337 χ^2 /NDF: 1330595.4/19

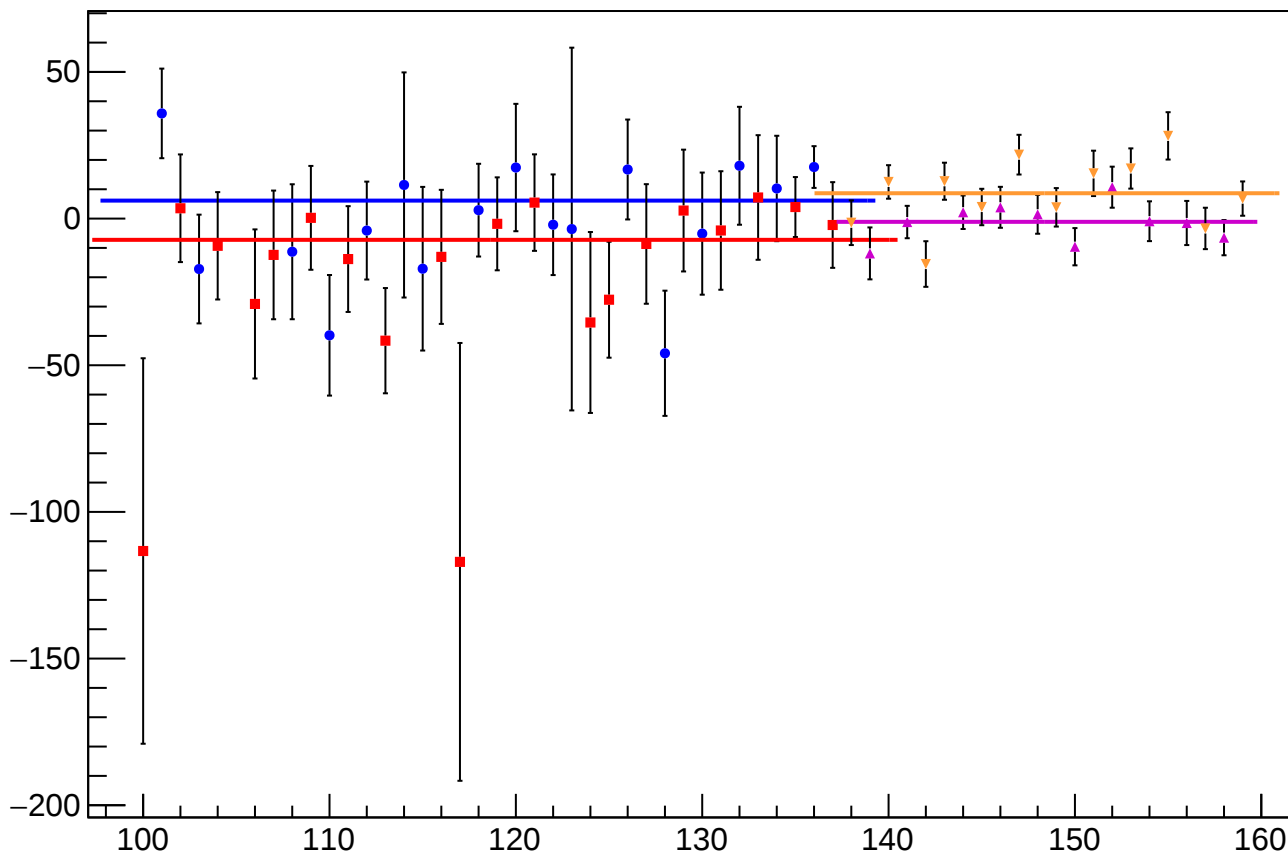
Left In: 4261.077+/-1.160 χ^2 /NDF:2483089.5/9

4834.710+/-0.921 χ^2 /NDF: 2872213.7/28

4634.957+/-0.635 χ^2 /NDF: 6840083.2/58

4454.301+/-0.876 χ^2 /NDF: 3878329.5/29

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 6.133 $\pm$ 4.080 χ^2/NDF : 22.2/16

Left Out: 8.643 $\pm$ 1.950 χ^2/NDF : 28.3/11

Right Out: -7.243 $\pm$ 4.218 χ^2/NDF : 14.6/19

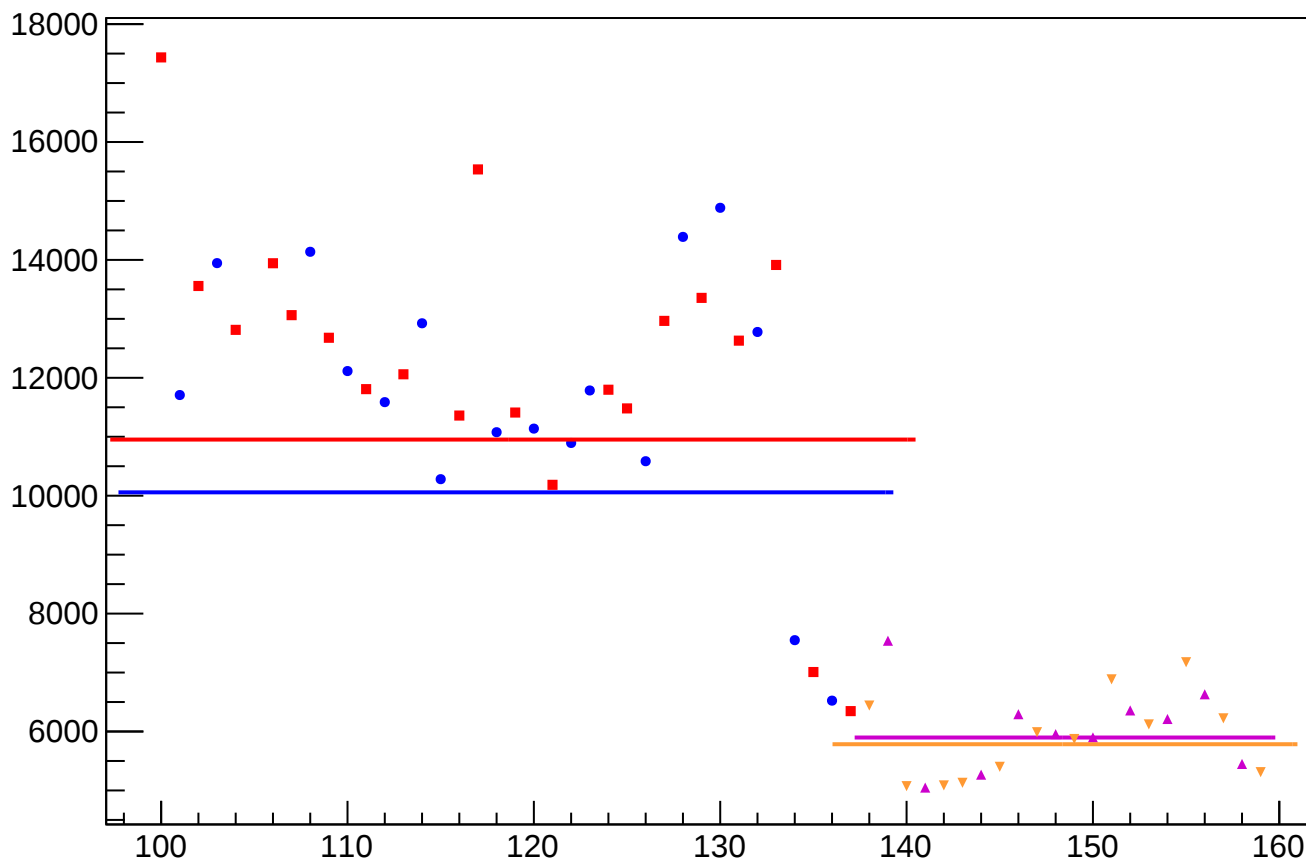
Left In: -1.108 $\pm$ 2.077 χ^2/NDF : 7.9/9

8.176 $\pm$ 1.759 χ^2/NDF : 50.8/28

3.236 $\pm$ 1.279 χ^2/NDF : 91.7/58

-2.305 $\pm$ 1.863 χ^2/NDF : 24.2/29

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 10056.991 $\pm$ 2.885 χ^2/NDF : 1002872.6/16

Left Out: 5784.093 $\pm$ 1.379 χ^2/NDF :218808.7/11

Right Out: 10952.255 $\pm$ 2.982 χ^2/NDF : 770474.3/19

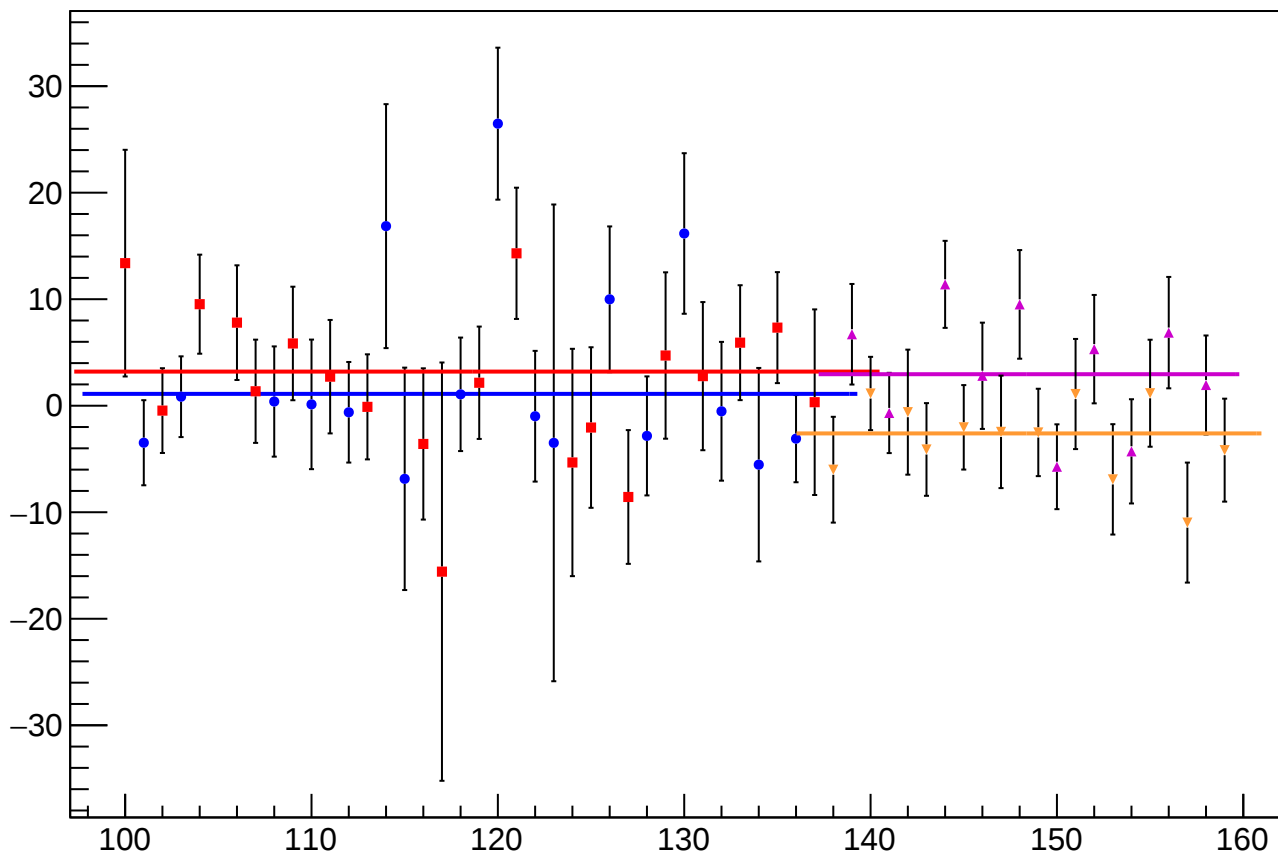
Left In: 5897.800 $\pm$ 1.468 χ^2/NDF :190074.9/9

6578.256 $\pm$ 1.244 χ^2/NDF : 3007393.3/28

6722.369 $\pm$ 0.904 χ^2/NDF : 6308319.2/58

6884.027 $\pm$ 1.317 χ^2/NDF : 3272443.4/29

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 1.112 ± 1.403 χ^2/NDF : 24.6/16

Left Out: -2.601 ± 1.343 χ^2/NDF : 6.0/11

Right Out: 3.204 ± 1.331 χ^2/NDF : 16.0/19

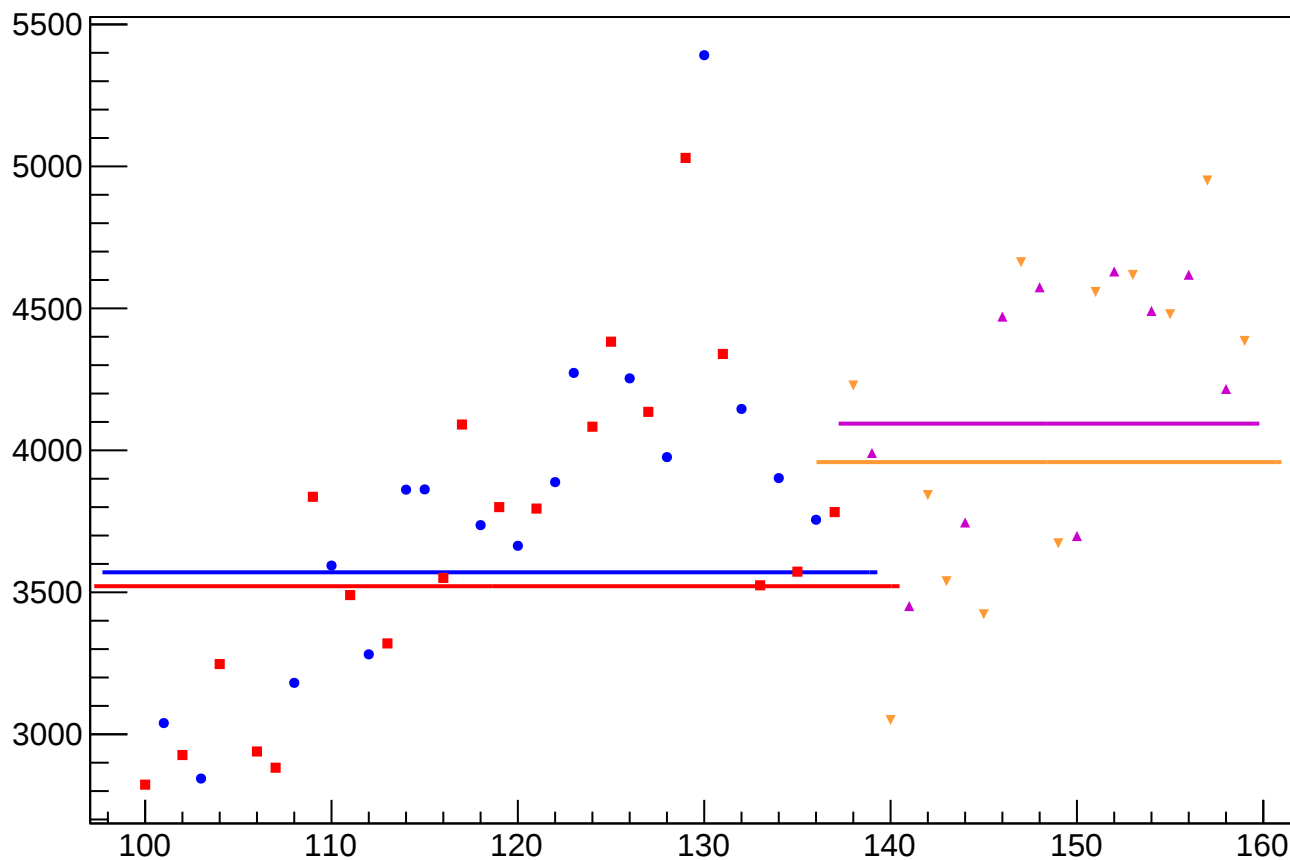
Left In: 2.958 ± 1.443 χ^2/NDF : 15.2/9

-0.825 ± 0.970 χ^2/NDF : 34.3/28

1.117 ± 0.689 χ^2/NDF : 73.6/58

3.091 ± 0.978 χ^2/NDF : 31.2/29

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3570.481+/-0.992 χ^2/NDF : 309699.2/16

Left Out: 3958.555+/-0.950 χ^2/NDF : 404789.8/11

Right Out: 3521.513+/-0.941 χ^2/NDF : 295082.3/19

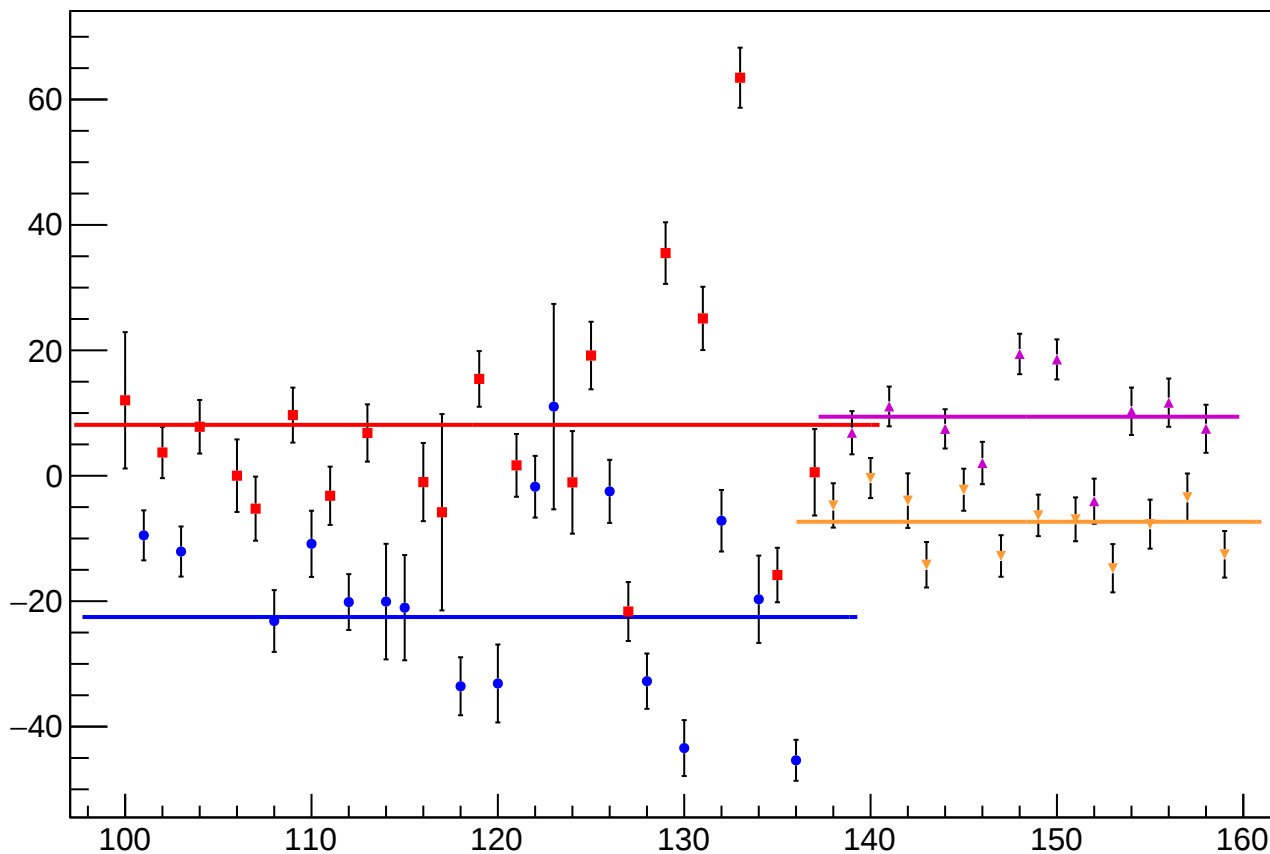
Left In: 4094.112+/-1.020 χ^2/NDF : 179390.8/9

3772.965+/-0.686 χ^2/NDF : 794348.4/28

3778.741+/-0.487 χ^2/NDF : 1439158.8/58

3784.613+/-0.692 χ^2/NDF : 644667.4/29

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -22.526 ± 1.201 χ^2/NDF : 155.5/16

Left Out: -7.338 ± 1.034 χ^2/NDF : 21.3/11

Right Out: 8.116 ± 1.154 χ^2/NDF : 276.6/19

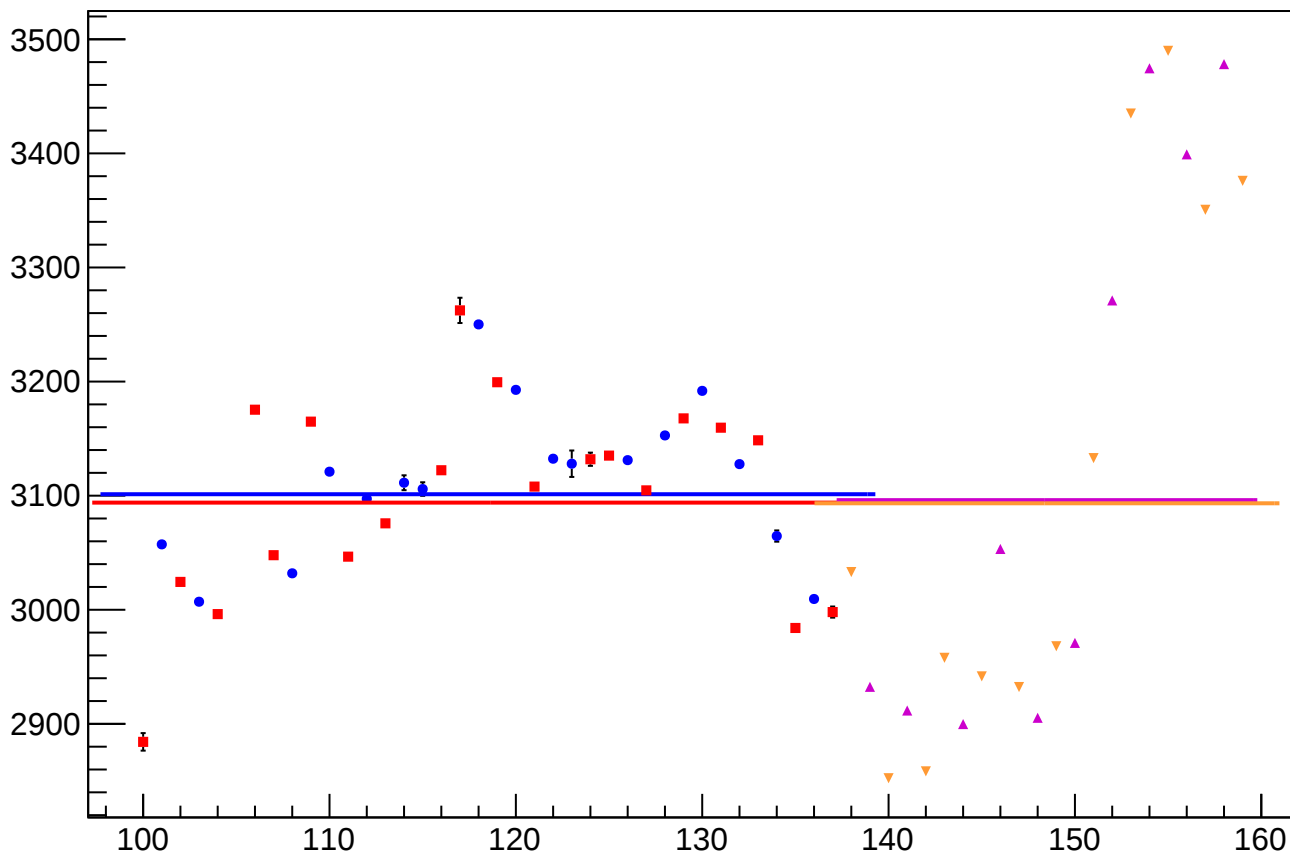
Left In: 9.415 ± 1.084 χ^2/NDF : 38.5/9

-13.809 ± 0.784 χ^2/NDF : 268.7/28

-2.594 ± 0.556 χ^2/NDF : 997.5/58

8.806 ± 0.790 χ^2/NDF : 315.8/29

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3101.270+/-0.849 χ^2/NDF : 7233.8/16

Left Out: 3093.320+/-0.731 χ^2/NDF : 89655.6/11

Right Out: 3093.913+/-0.816 χ^2/NDF : 7998.9/19

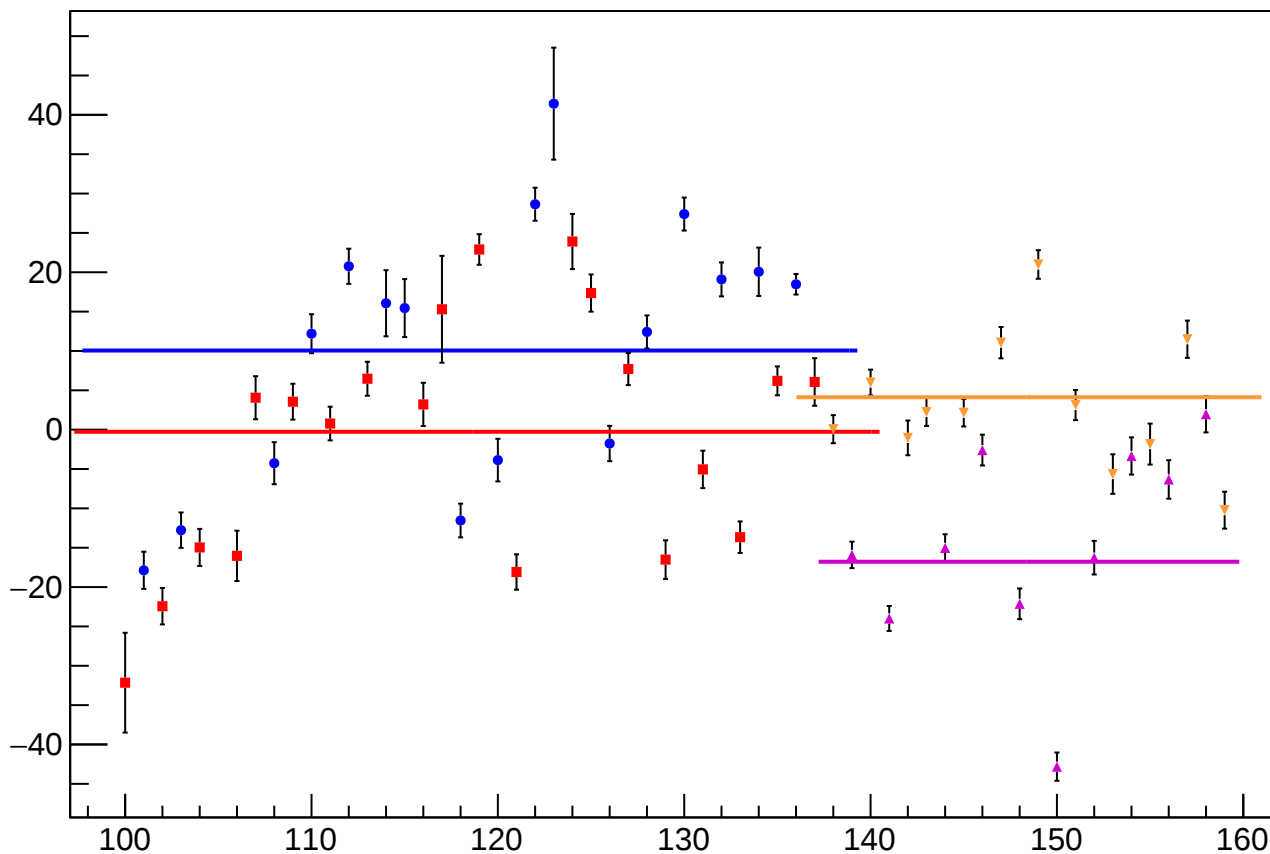
Left In: 3096.082+/-0.767 χ^2/NDF : 86642.4/9

3096.707+/-0.554 χ^2/NDF : 96939.7/28

3095.893+/-0.393 χ^2/NDF : 191589.1/58

3095.065+/-0.559 χ^2/NDF : 94645.0/29

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 10.055 ± 0.562 χ^2/NDF : 692.2/16

Left Out: 4.123 ± 0.575 χ^2/NDF : 180.3/11

Right Out: -0.266 ± 0.545 χ^2/NDF : 635.1/19

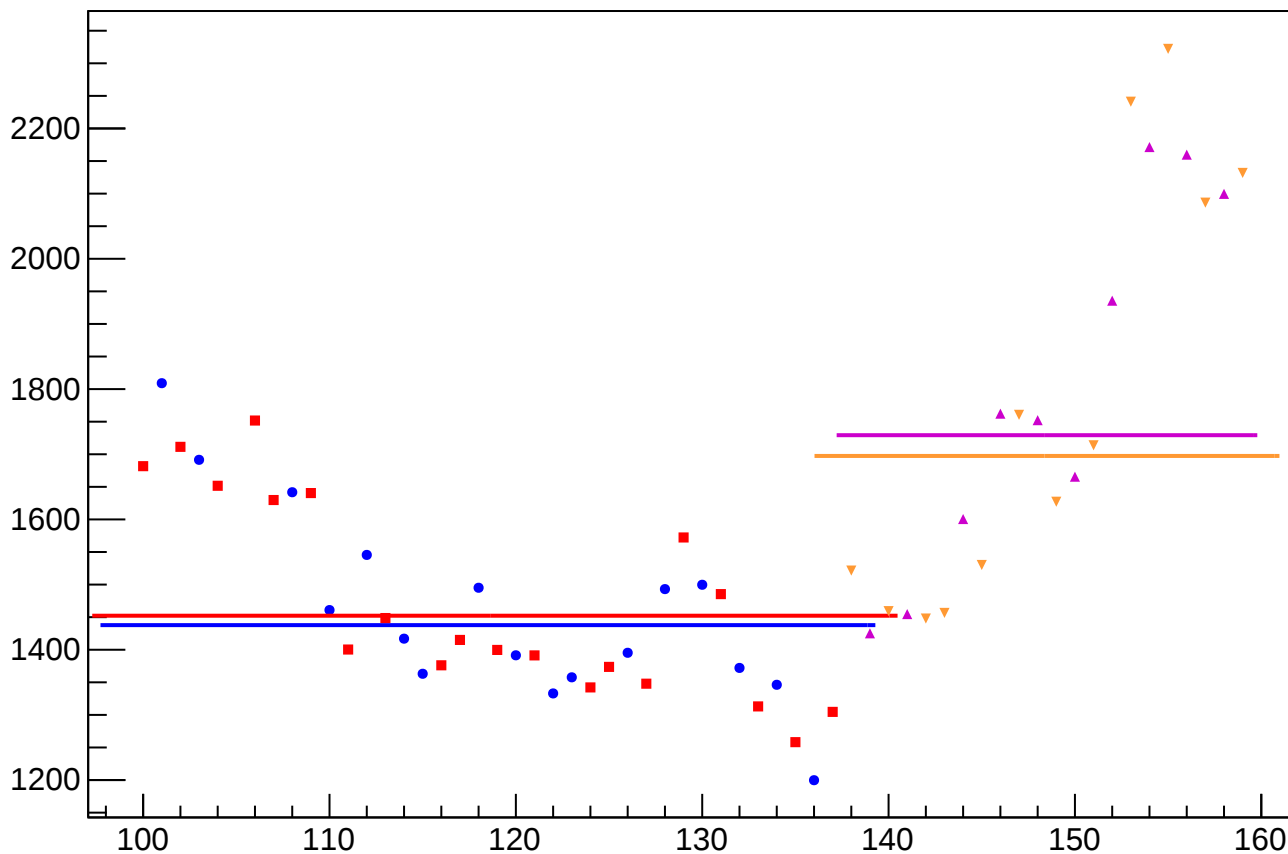
Left In: -16.781 ± 0.612 χ^2/NDF : 408.6/9

7.158 ± 0.402 χ^2/NDF : 927.0/28

-0.114 ± 0.286 χ^2/NDF : 3041.0/58

-7.579 ± 0.407 χ^2/NDF : 1450.0/29

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1437.776 $\pm$ 0.397 χ^2 /NDF: 173216.2/16

Left Out: 1697.424 $\pm$ 0.406 χ^2 /NDF: 478168.3/11

Right Out: 1452.227 $\pm$ 0.386 χ^2 /NDF: 138666.1/19

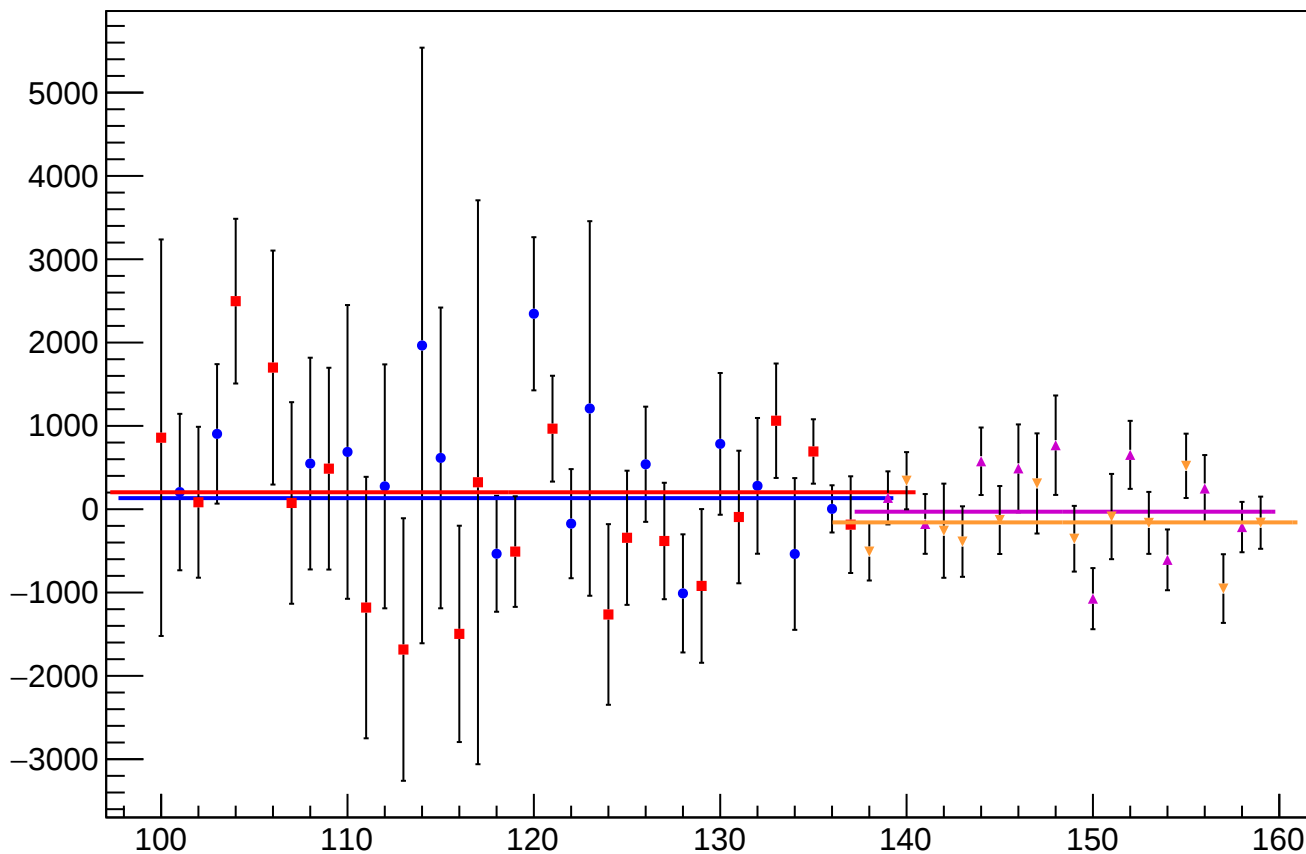
Left In: 1729.270 $\pm$ 0.433 χ^2 /NDF: 342100.8/9

1564.596 $\pm$ 0.284 χ^2 /NDF: 860157.6/28

1569.678 $\pm$ 0.202 χ^2 /NDF: 1570184.4/58

1574.895 $\pm$ 0.288 χ^2 /NDF: 709378.1/29

asym_sam1_mean vs Slug, Sign Corrected



Right In: 132.921 $\pm$ 180.271 χ^2/NDF : 12.9/16

Left Out: -158.138 $\pm$ 115.806 χ^2/NDF : 11.2/11

Right Out: 203.418 $\pm$ 184.080 χ^2/NDF : 21.4/19

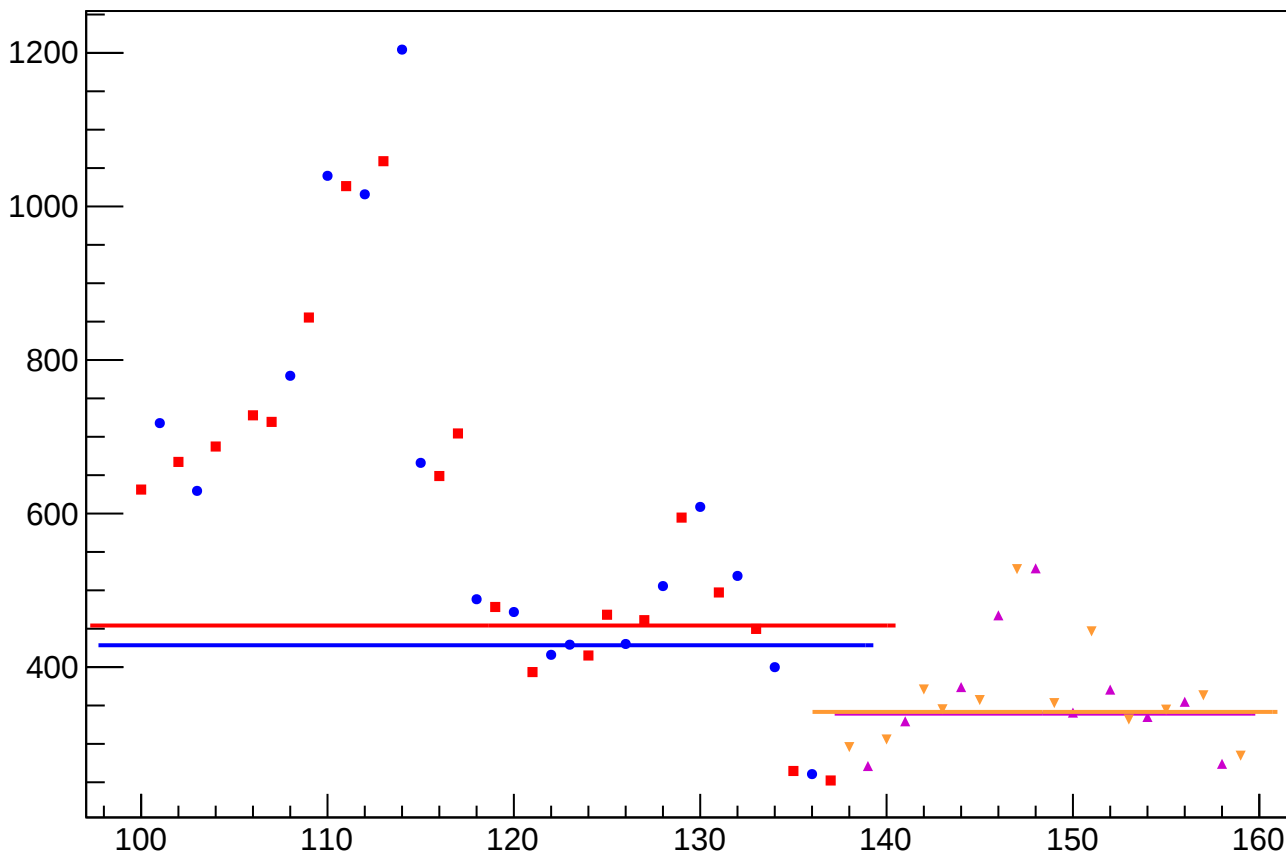
Left In: -29.947 $\pm$ 121.060 χ^2/NDF : 19.7/9

-73.112 $\pm$ 97.434 χ^2/NDF : 25.9/28

-18.425 $\pm$ 70.172 χ^2/NDF : 68.8/58

40.511 $\pm$ 101.147 χ^2/NDF : 42.2/29

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.460 $\pm$ 0.127 χ^2 /NDF: 2011453.8/16

Left Out: 341.649 $\pm$ 0.082 χ^2 /NDF: 415816.6/11

Right Out: 454.177 $\pm$ 0.130 χ^2 /NDF: 2040775.1/19

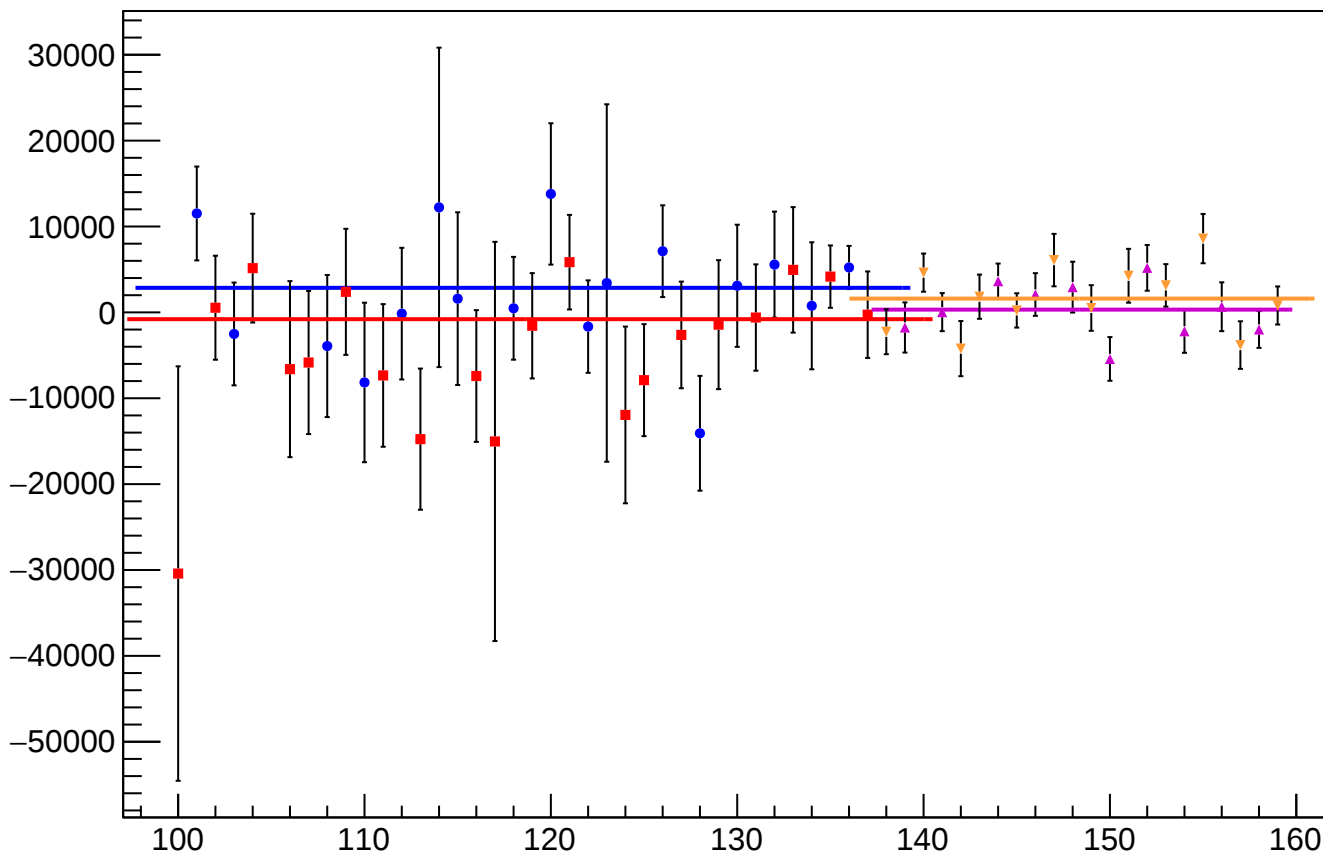
Left In: 339.378 $\pm$ 0.086 χ^2 /NDF: 535495.1/9

367.009 $\pm$ 0.069 χ^2 /NDF: 2755583.8/28

370.392 $\pm$ 0.050 χ^2 /NDF: 5879863.1/58

374.039 $\pm$ 0.072 χ^2 /NDF: 3119267.7/29

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2859.622 $\pm$ 1447.884 χ^2/NDF : 16.7/16

Left Out: 1604.695 $\pm$ 741.984 χ^2/NDF : 21.1/11

Right Out: -789.608 $\pm$ 1506.053 χ^2/NDF : 14.4/19

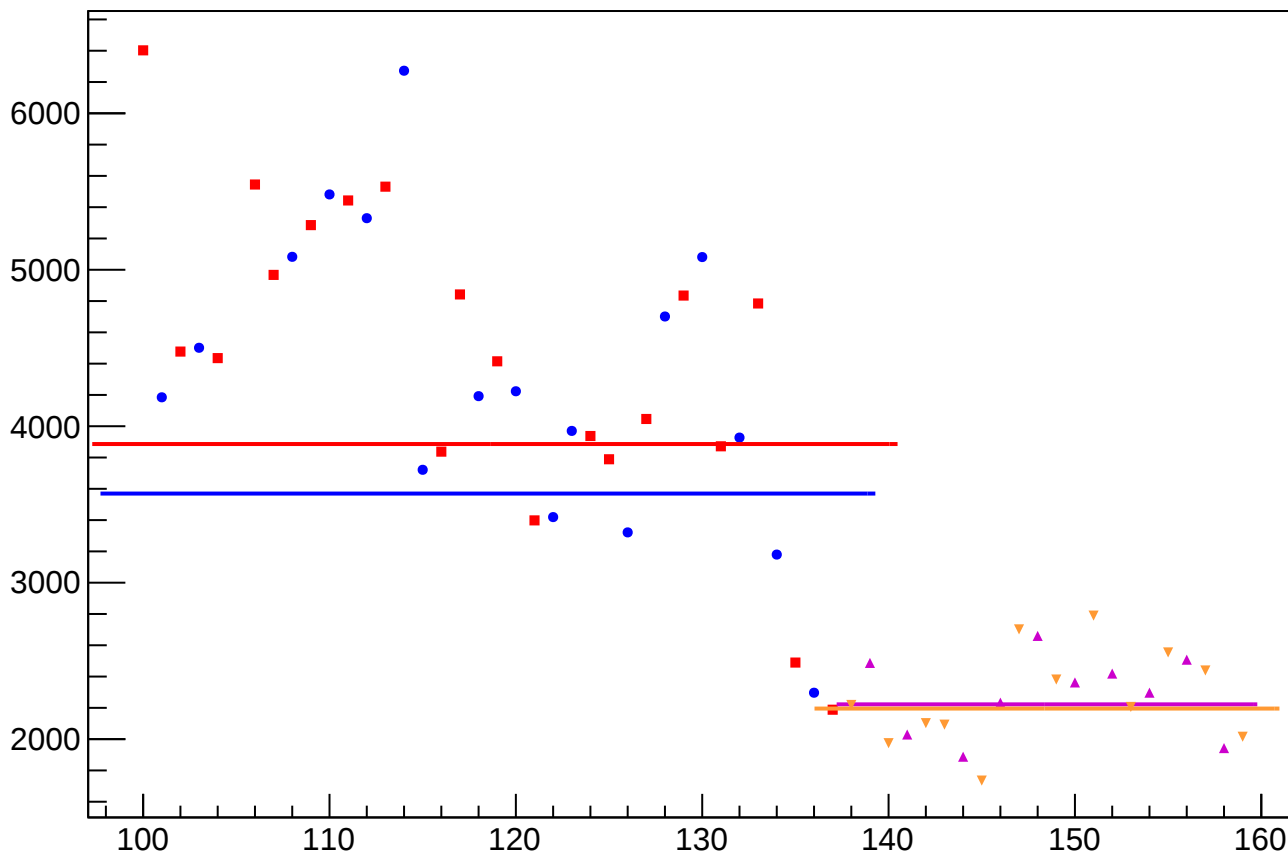
Left In: 320.298 $\pm$ 783.122 χ^2/NDF : 15.0/9

1865.712 $\pm$ 660.327 χ^2/NDF : 38.4/28

1020.190 $\pm$ 478.646 χ^2/NDF : 71.6/58

84.071 $\pm$ 694.804 χ^2/NDF : 29.8/29

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3569.631+/-1.024 χ^2/NDF : 1087935.4/16

Left Out: 2195.455+/-0.525 χ^2/NDF : 327370.6/11

Right Out: 3886.199+/-1.065 χ^2/NDF : 986485.7/19

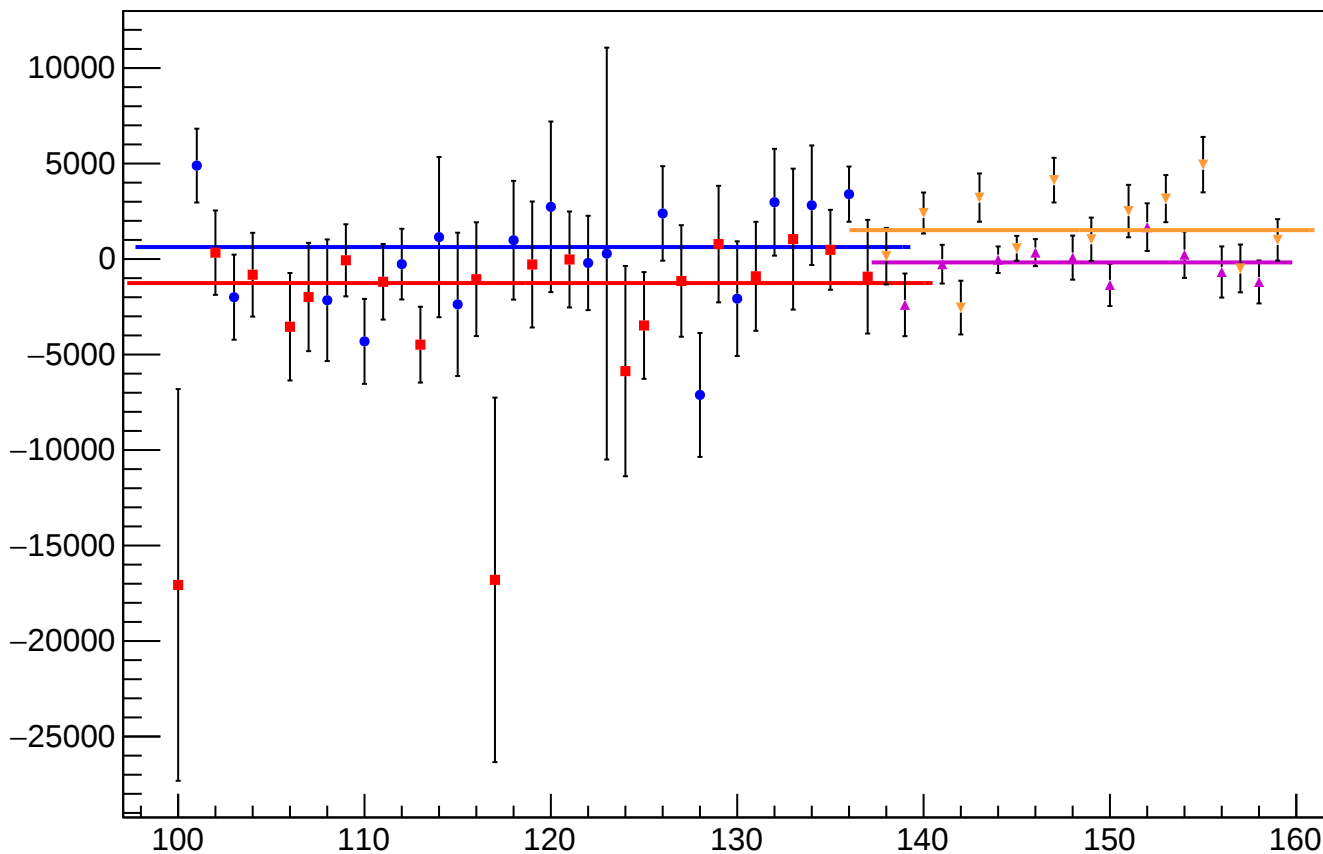
Left In: 2222.350+/-0.554 χ^2/NDF : 201421.7/9

2481.275+/-0.467 χ^2/NDF : 2842148.5/28

2526.455+/-0.338 χ^2/NDF : 5971296.7/58

2576.476+/-0.491 χ^2/NDF : 3109419.6/29

asym_sam3_mean vs Slug, Sign Corrected



Right In: 627.655 $\pm$ 620.929 χ^2/NDF : 25.1/16

Left Out: 1513.006 $\pm$ 324.735 χ^2/NDF : 29.7/11

Right Out: -1257.467 $\pm$ 601.857 χ^2/NDF : 12.6/19

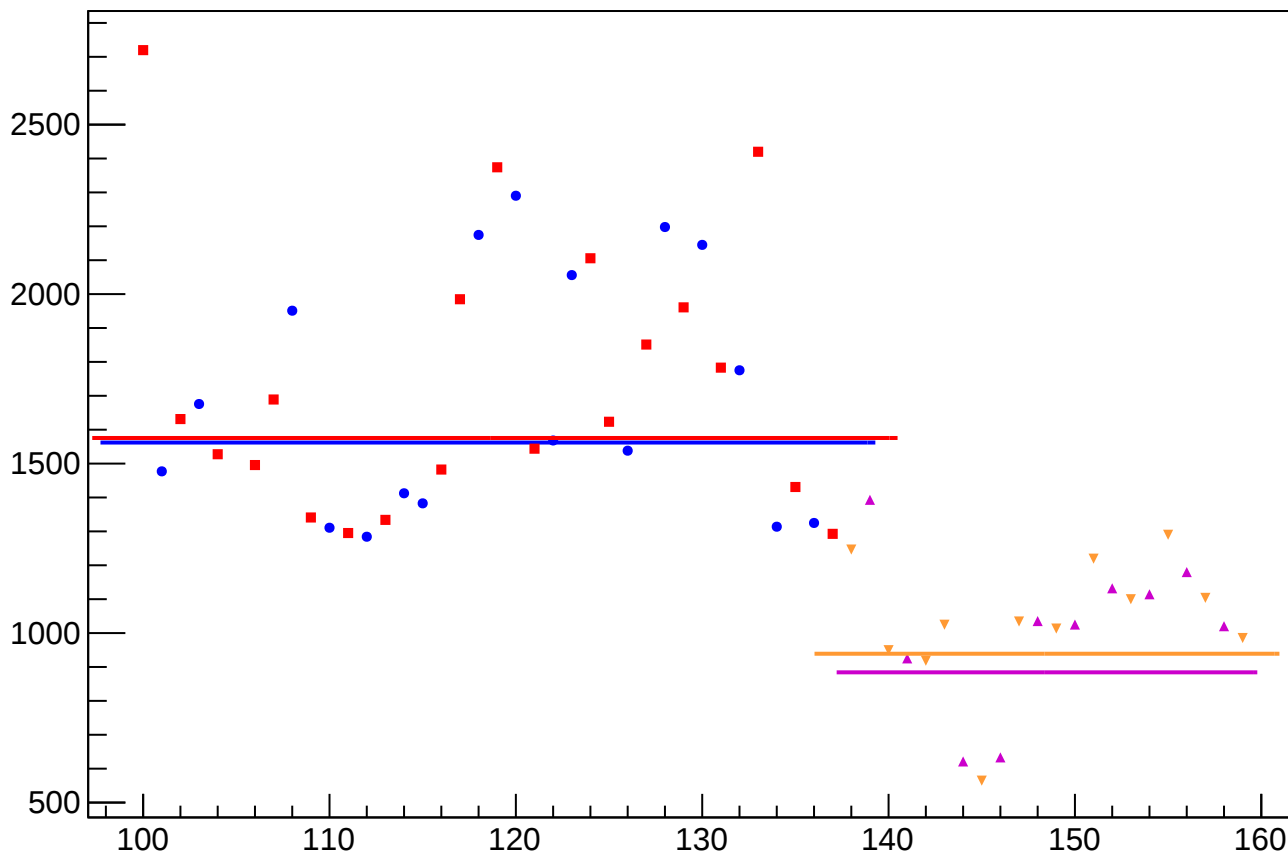
Left In: -176.791 $\pm$ 321.918 χ^2/NDF : 6.9/9

1322.860 $\pm$ 287.759 χ^2/NDF : 56.4/28

440.979 $\pm$ 202.085 χ^2/NDF : 96.8/58

-417.187 $\pm$ 283.863 χ^2/NDF : 22.0/29

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1562.101 $\pm$ 0.439 χ^2 /NDF: 482088.3/16

Left Out: 939.051 $\pm$ 0.230 χ^2 /NDF: 1053948.7/11

Right Out: 1575.541 $\pm$ 0.426 χ^2 /NDF: 467687.2/19

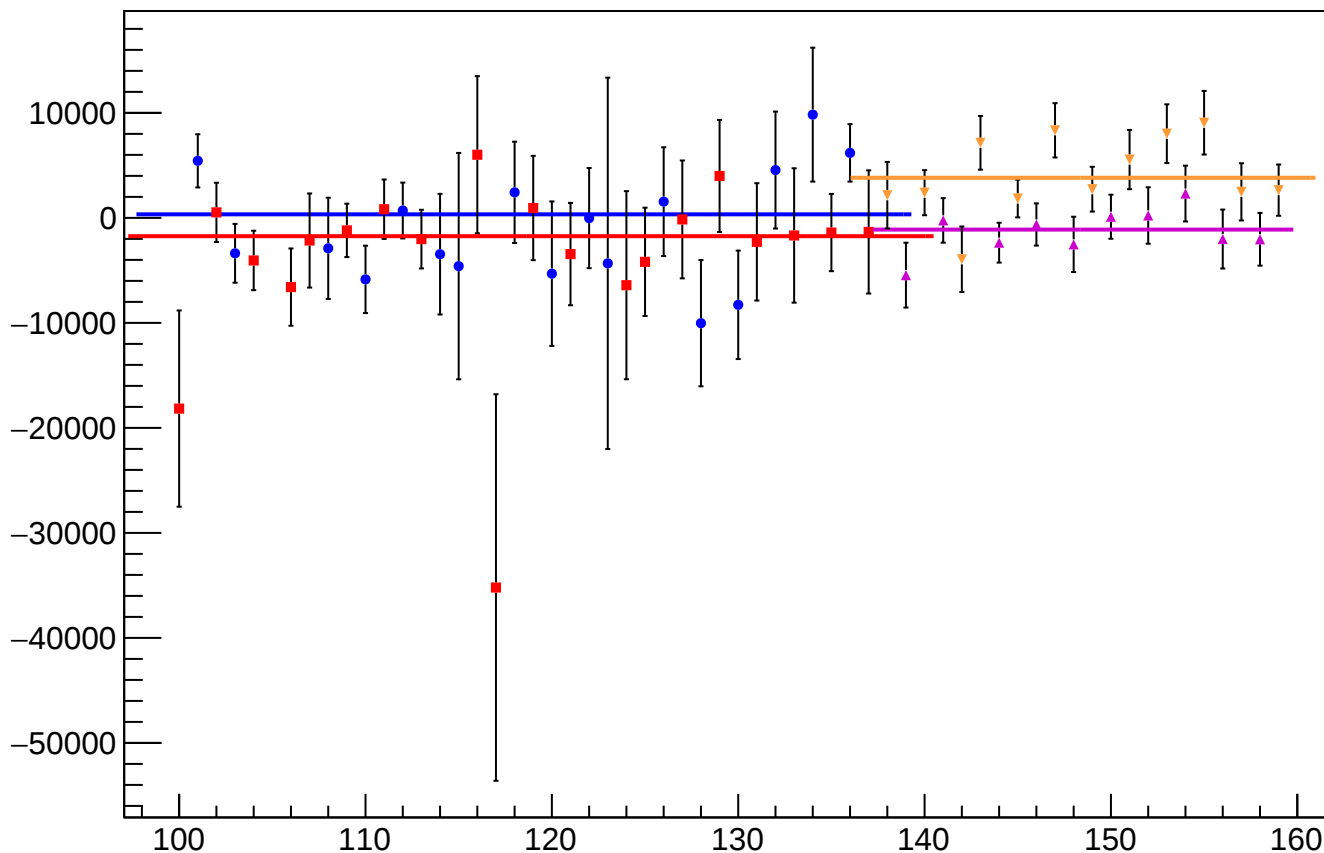
Left In: 884.186 $\pm$ 0.228 χ^2 /NDF: 1077760.6/9

1072.863 $\pm$ 0.203 χ^2 /NDF: 3117246.0/28

1055.183 $\pm$ 0.143 χ^2 /NDF: 6729577.4/58

1037.978 $\pm$ 0.201 χ^2 /NDF: 3597434.5/29

asym_sam4_mean vs Slug, Sign Corrected



Right In: 338.117 $\pm$ 995.842 χ^2/NDF : 24.8/16

Left Out: 3823.095 $\pm$ 722.231 χ^2/NDF : 19.2/11

Right Out: -1742.470 $\pm$ 923.289 χ^2/NDF : 13.6/19

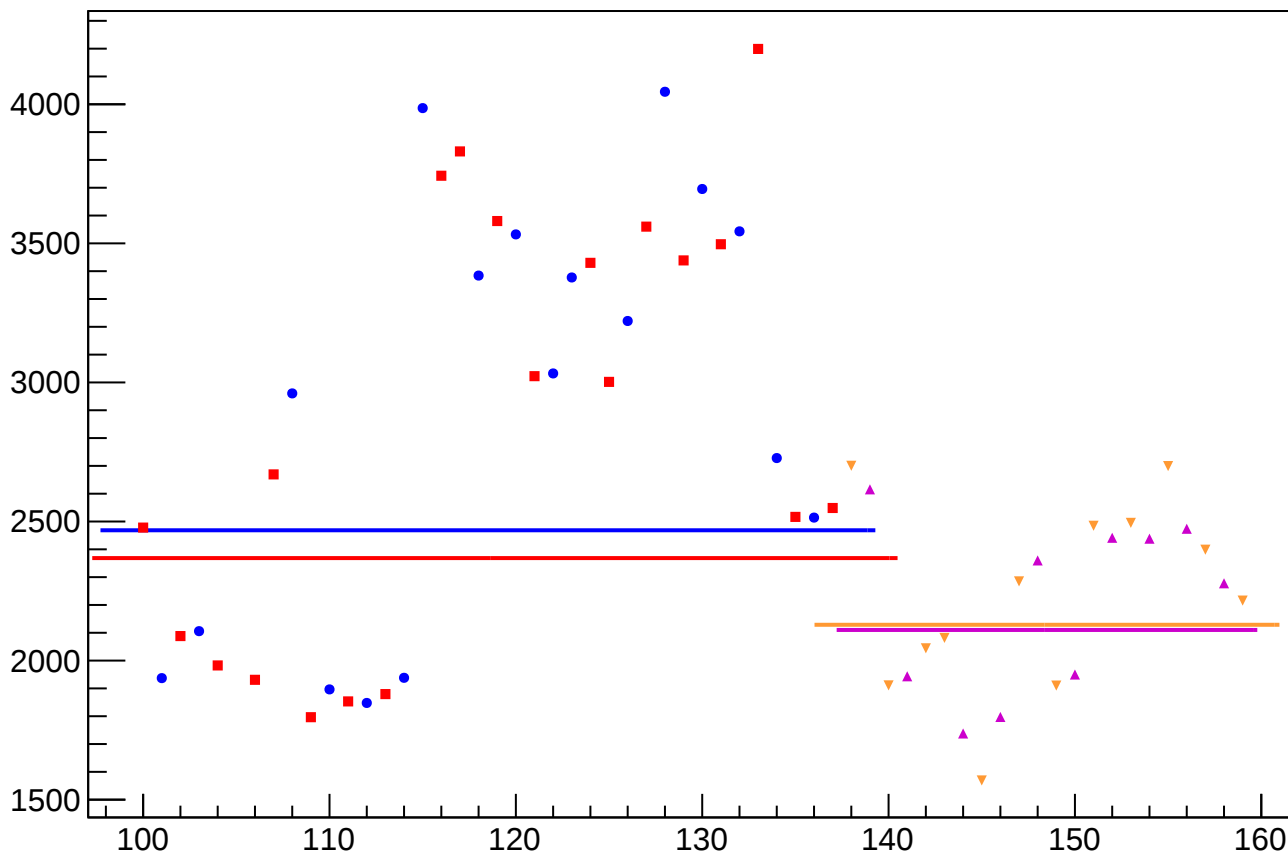
Left In: -1114.910 $\pm$ 747.464 χ^2/NDF : 5.4/9

2621.877 $\pm$ 584.657 χ^2/NDF : 52.0/28

616.580 $\pm$ 412.098 χ^2/NDF : 94.7/58

-1363.370 $\pm$ 580.950 χ^2/NDF : 19.3/29

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2468.489+/-0.704 χ^2/NDF : 896153.6/16

Left Out: 2128.747+/-0.511 χ^2/NDF : 469737.7/11

Right Out: 2368.521+/-0.653 χ^2/NDF : 1037811.8/19

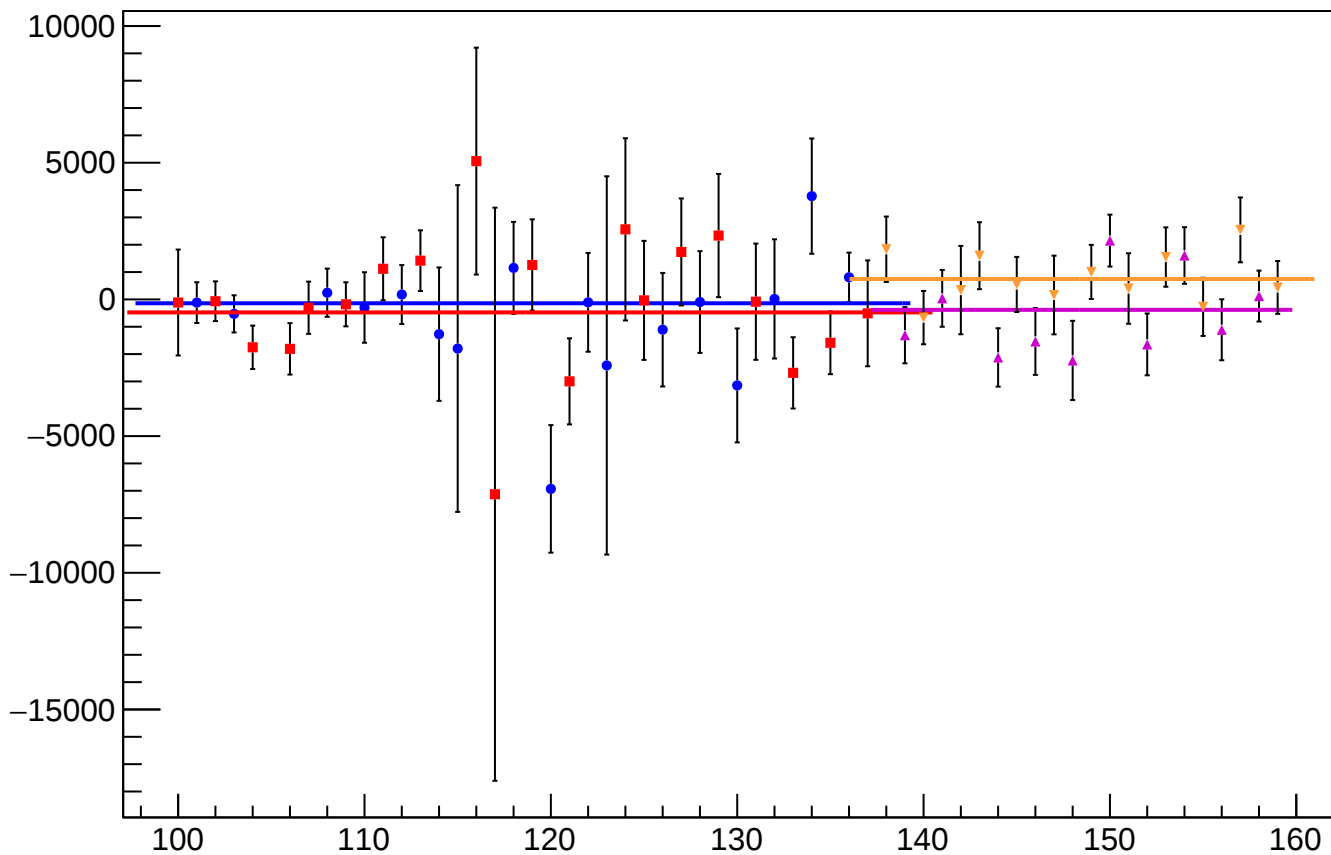
Left In: 2110.119+/-0.529 χ^2/NDF : 324481.2/9

2245.850+/-0.413 χ^2/NDF : 1518436.6/28

2229.031+/-0.291 χ^2/NDF : 2978652.8/58

2212.424+/-0.411 χ^2/NDF : 1456926.7/29

asym_sam5_mean vs Slug, Sign Corrected



Right In: -141.213 ± 313.319 $\chi^2/\text{NDF}: 16.9/16$

Left Out: 745.898 ± 326.113 $\chi^2/\text{NDF}: 7.7/11$

Right Out: -474.987 ± 282.789 $\chi^2/\text{NDF}: 23.3/19$

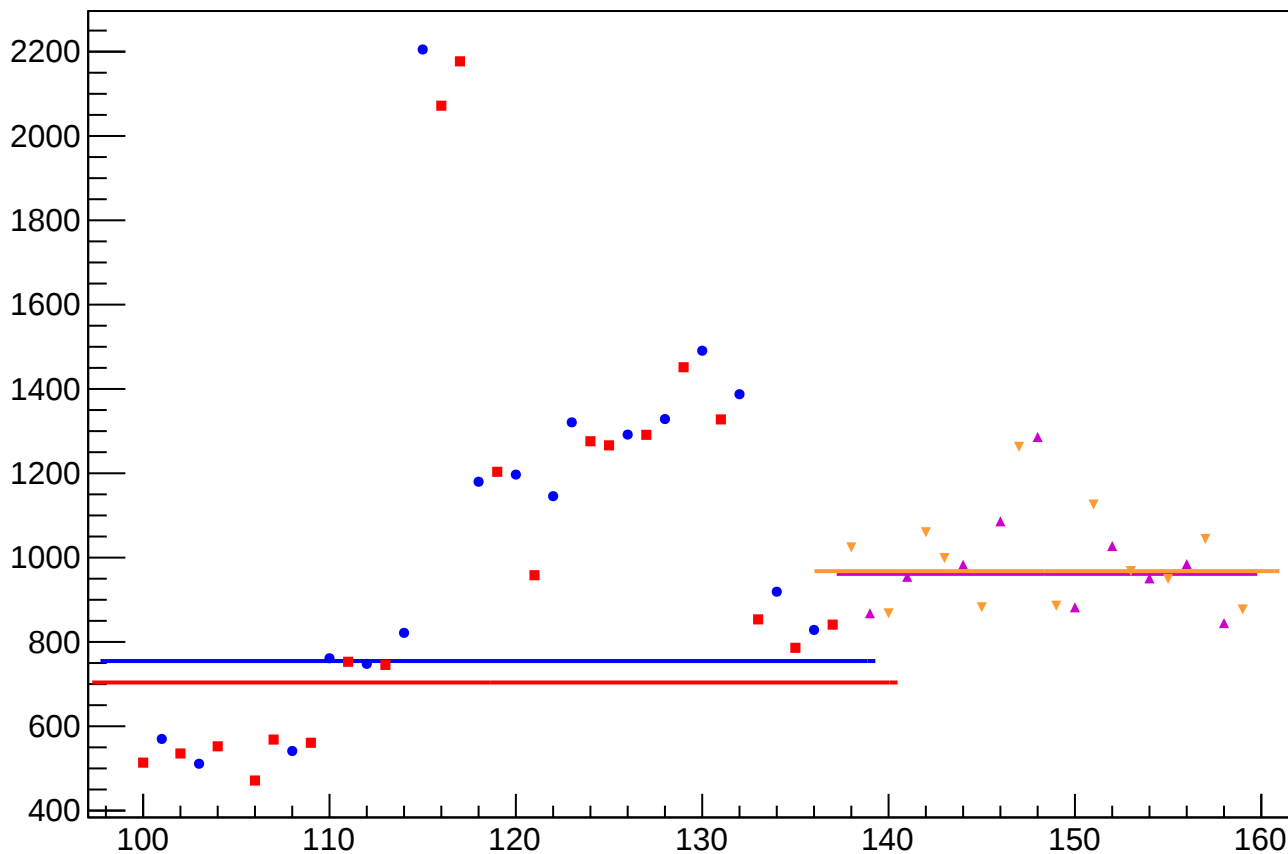
Left In: -382.082 ± 339.445 $\chi^2/\text{NDF}: 18.9/9$

284.600 ± 225.937 $\chi^2/\text{NDF}: 28.5/28$

-90.267 ± 156.608 $\chi^2/\text{NDF}: 76.1/58$

-436.924 ± 217.270 $\chi^2/\text{NDF}: 42.3/29$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 754.684 $\pm$ 0.222 χ^2/NDF : 1690621.2/16

Left Out: 967.901 $\pm$ 0.231 χ^2/NDF : 202073.3/11

Right Out: 703.794 $\pm$ 0.200 χ^2/NDF : 1731134.6/19

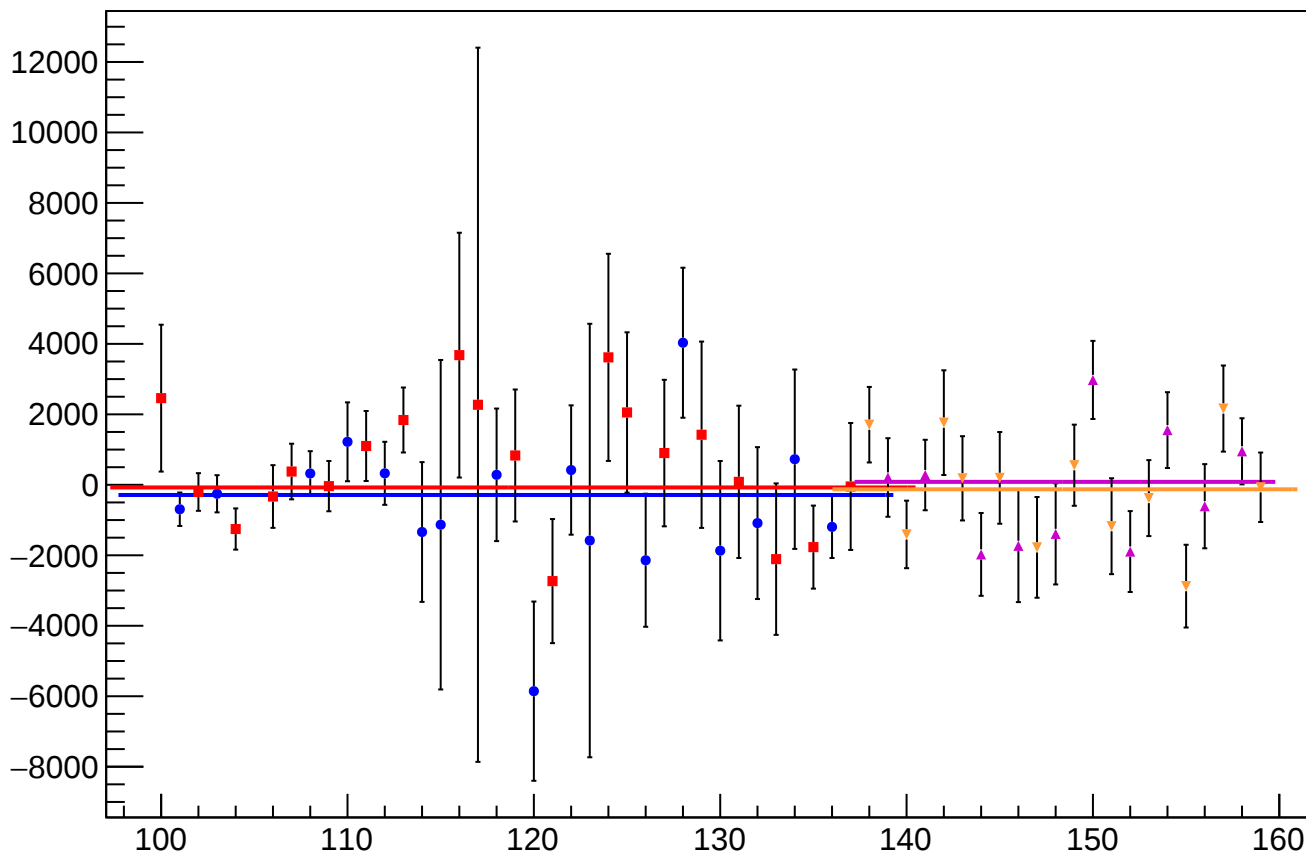
Left In: 961.452 $\pm$ 0.240 χ^2/NDF : 191882.5/9

857.028 $\pm$ 0.160 χ^2/NDF : 2337264.9/28

832.260 $\pm$ 0.111 χ^2/NDF : 4986768.7/58

809.356 $\pm$ 0.154 χ^2/NDF : 2603244.4/29

asym_sam6_mean vs Slug, Sign Corrected



Right In: -288.037 $\pm$ 250.436 χ^2/NDF : 16.2/16

Left Out: -127.473 $\pm$ 337.633 χ^2/NDF : 17.8/11

Right Out: -74.735 $\pm$ 246.011 χ^2/NDF : 21.4/19

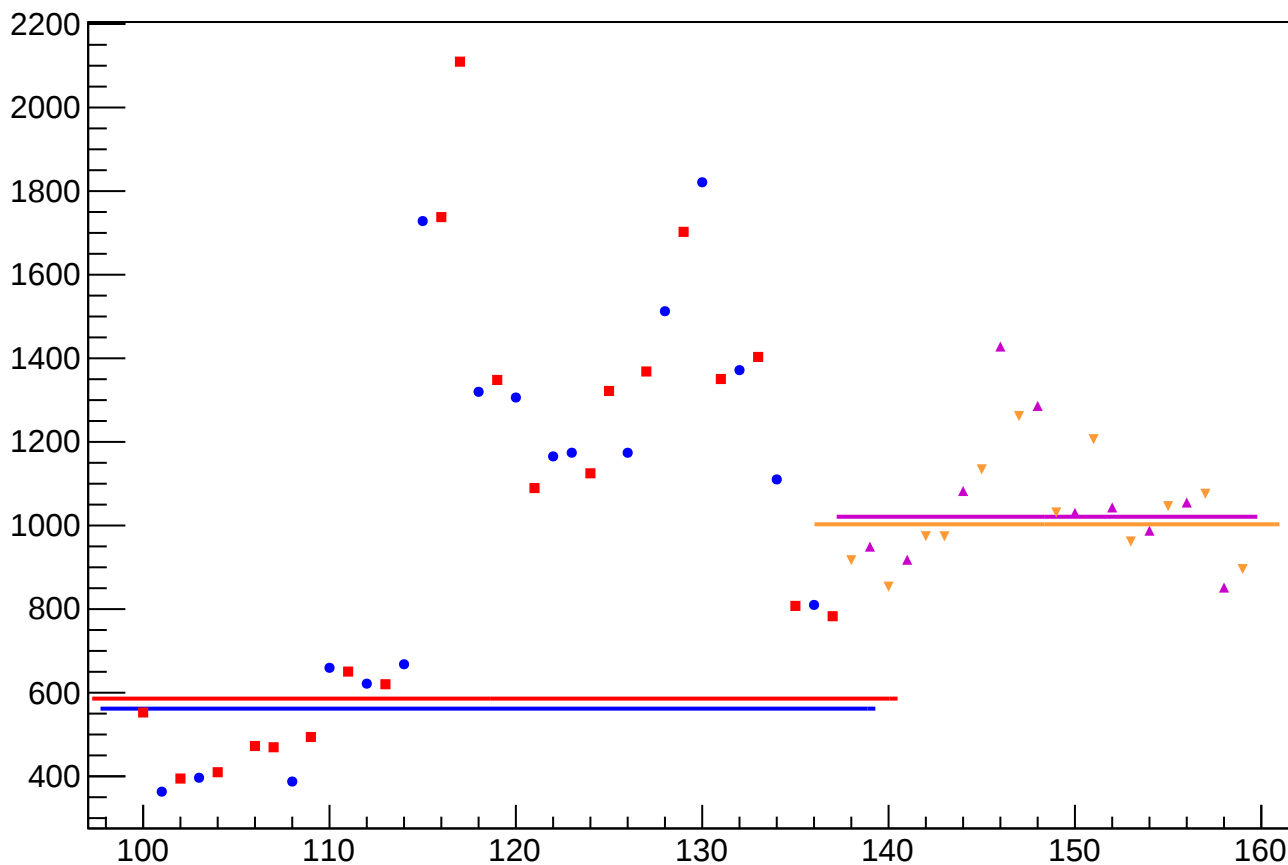
Left In: 83.794 $\pm$ 360.877 χ^2/NDF : 18.3/9

-231.051 $\pm$ 201.143 χ^2/NDF : 34.1/28

-128.832 $\pm$ 142.976 χ^2/NDF : 74.5/58

-24.438 $\pm$ 203.272 χ^2/NDF : 39.9/29

asym_sam6_rms vs Slug, Sign Corrected



Right In: 561.894+/-0.177 χ^2/NDF : 3216651.3/16

Left Out: 1002.881+/-0.239 χ^2/NDF : 231536.9/11

Right Out: 585.891+/-0.174 χ^2/NDF : 2869692.7/19

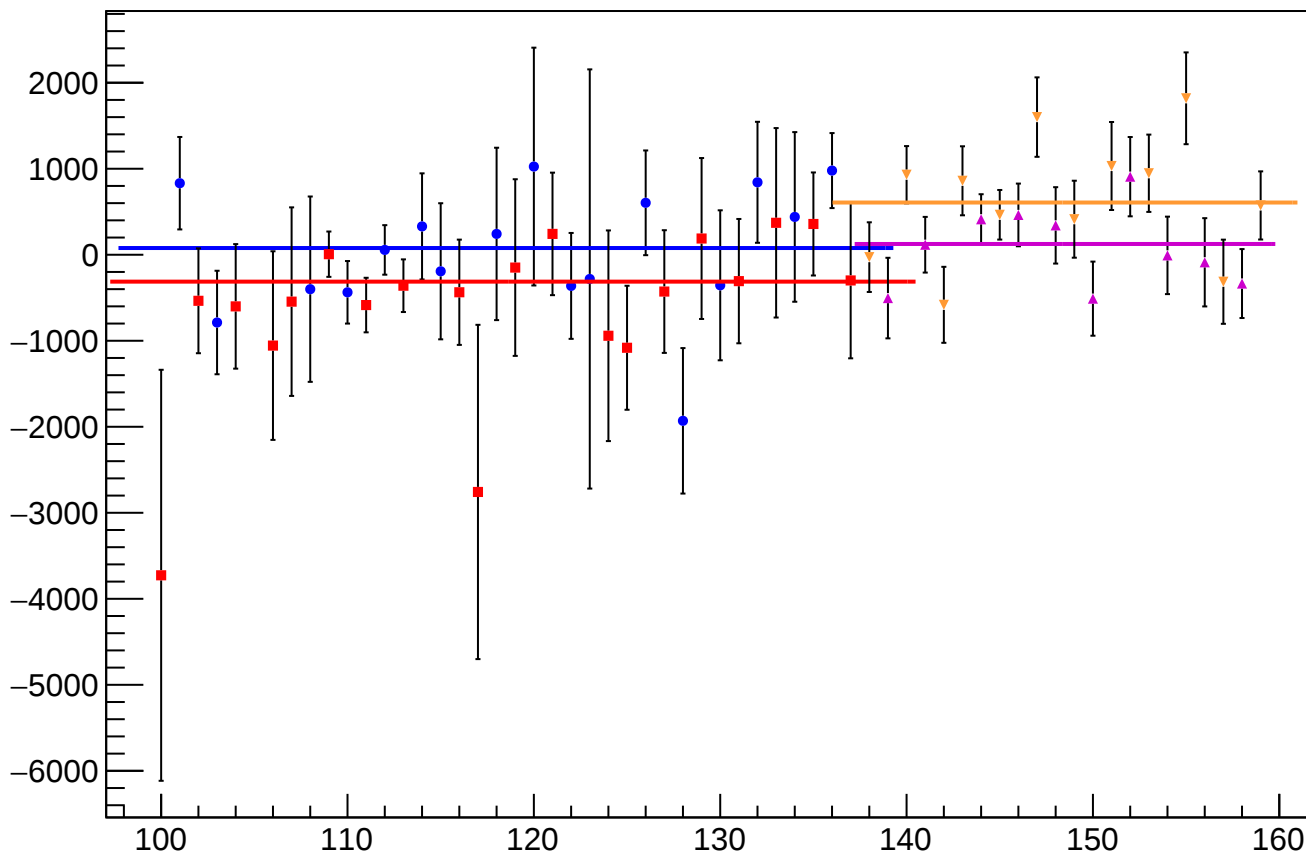
Left In: 1020.959+/-0.255 χ^2/NDF : 302782.3/9

718.405+/-0.142 χ^2/NDF : 5649142.8/28

721.137+/-0.101 χ^2/NDF : 10806955.8/58

723.927+/-0.144 χ^2/NDF : 5157067.3/29

asym_sam7_mean vs Slug, Sign Corrected



Right In: 78.184 $\pm$ 142.869 χ^2/NDF : 19.8/16

Left Out: 607.176 $\pm$ 118.670 χ^2/NDF : 26.1/11

Right Out: -312.536 $\pm$ 129.362 χ^2/NDF : 10.7/19

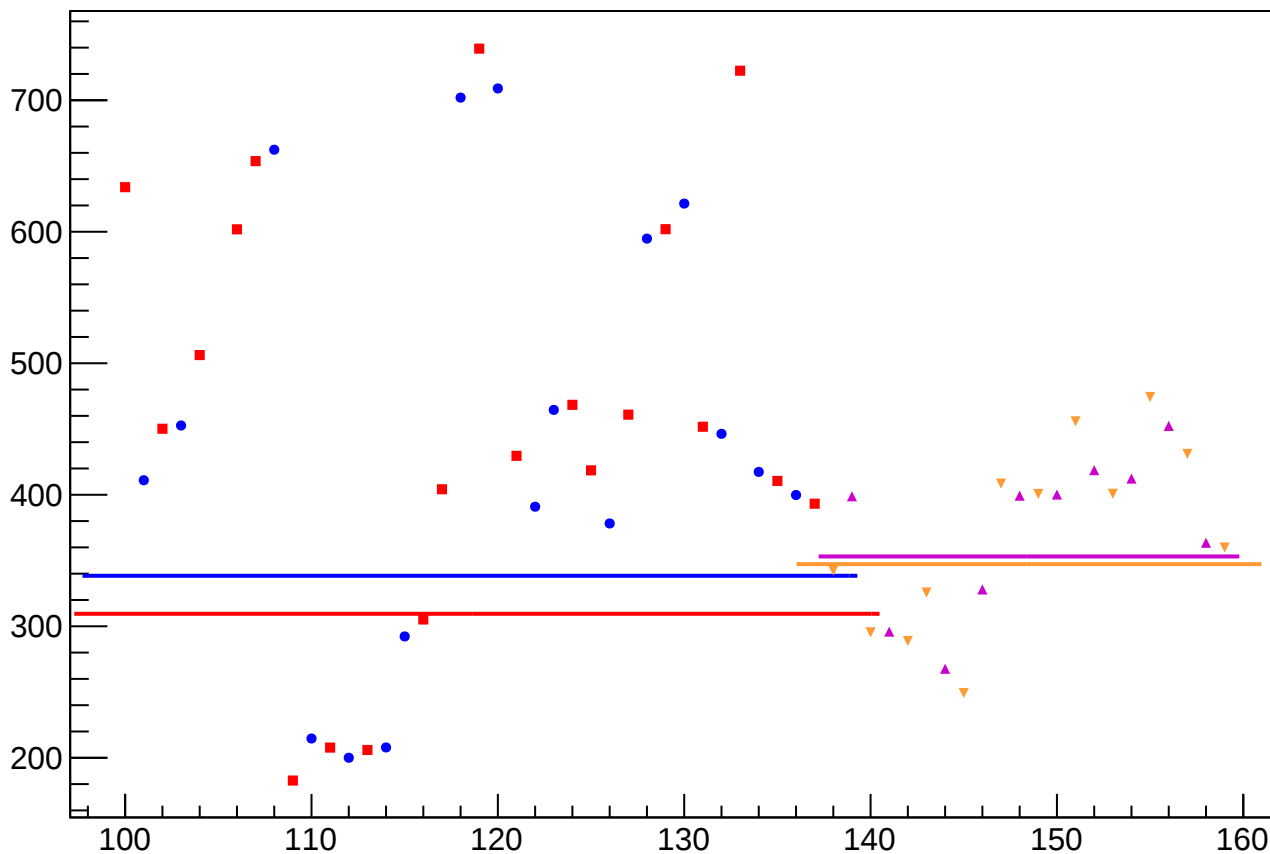
Left In: 125.233 $\pm$ 125.457 χ^2/NDF : 10.5/9

391.211 $\pm$ 91.286 χ^2/NDF : 54.0/28

148.901 $\pm$ 64.111 χ^2/NDF : 94.9/58

-86.945 $\pm$ 90.061 χ^2/NDF : 27.1/29

asym_sam7_rms vs Slug, Sign Corrected



Right In: 338.408 +/- 0.101 χ^2/NDF : 2009287.1/16

Left Out: 347.255 +/- 0.084 χ^2/NDF : 677071.7/11

Right Out: 309.503 +/- 0.091 χ^2/NDF : 2738236.3/19

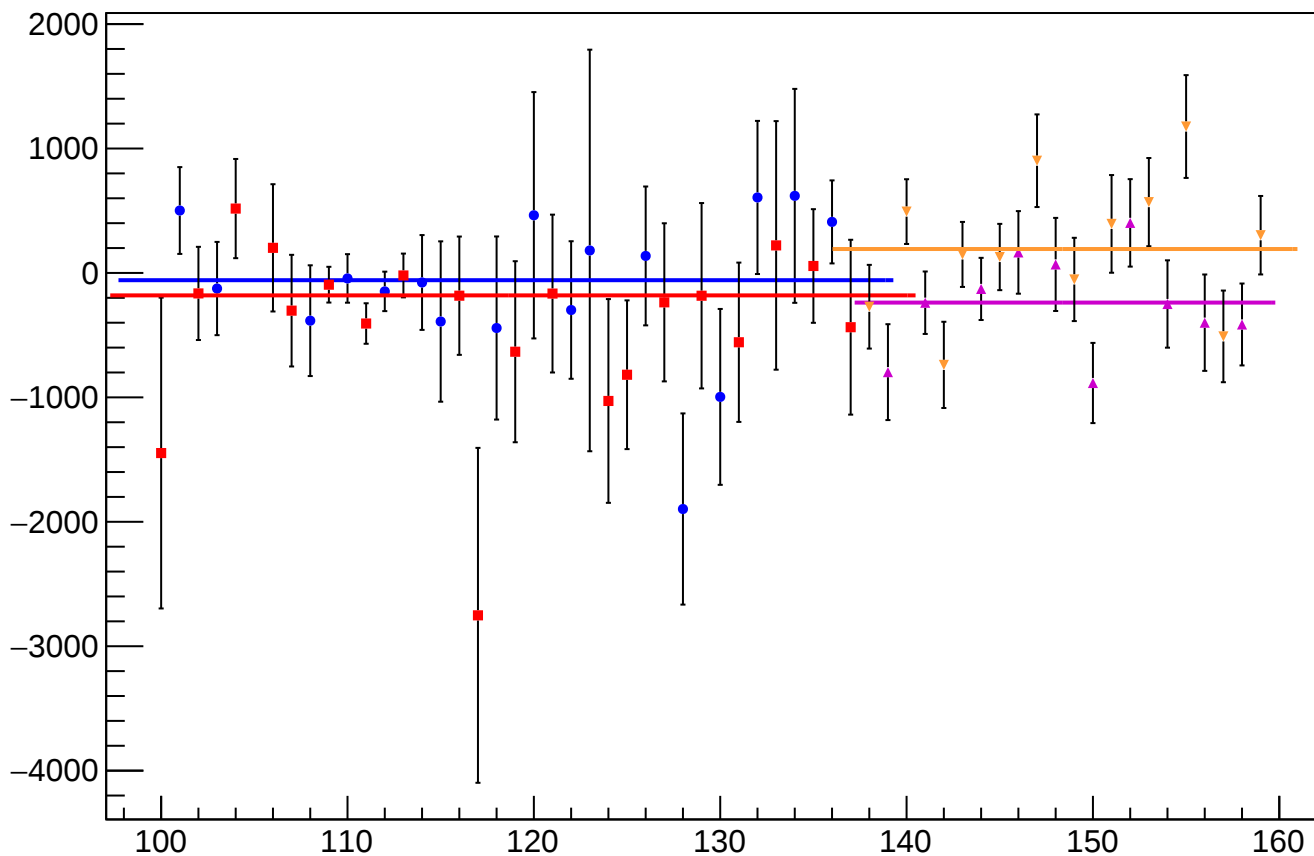
Left In: 353.096 +/- 0.089 χ^2/NDF : 459551.5/9

343.643 +/- 0.065 χ^2/NDF : 2690897.2/28

337.726 +/- 0.045 χ^2/NDF : 6022305.5/58

331.967 +/- 0.064 χ^2/NDF : 3314828.0/29

asym_sam8_mean vs Slug, Sign Corrected



Right In: -58.299 $\pm$ 90.484 χ^2/NDF : 15.9/16

Left Out: 192.276 $\pm$ 93.430 χ^2/NDF : 25.5/11

Right Out: -180.354 $\pm$ 76.795 χ^2/NDF : 15.0/19

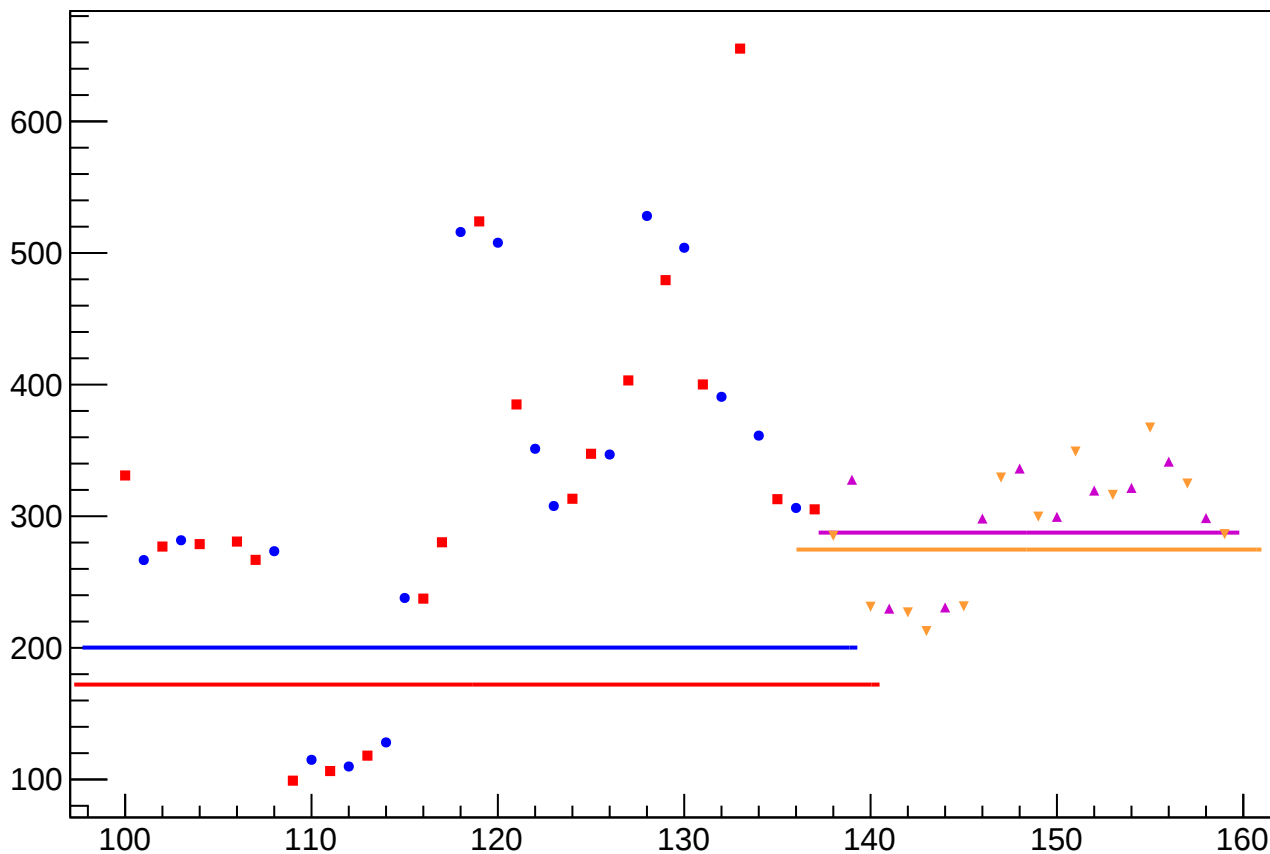
Left In: -238.232 $\pm$ 101.745 χ^2/NDF : 12.2/9

62.977 $\pm$ 64.998 χ^2/NDF : 45.1/28

-76.937 $\pm$ 44.594 χ^2/NDF : 81.3/58

-201.360 $\pm$ 61.295 χ^2/NDF : 27.5/29

asym_sam8_rms vs Slug, Sign Corrected



Right In: 200.209 $\pm$ 0.064 χ^2 /NDF: 3387197.7/16

Left Out: 274.683 $\pm$ 0.066 χ^2 /NDF: 554866.4/11

Right Out: 172.110 $\pm$ 0.054 χ^2 /NDF: 4106869.2/19

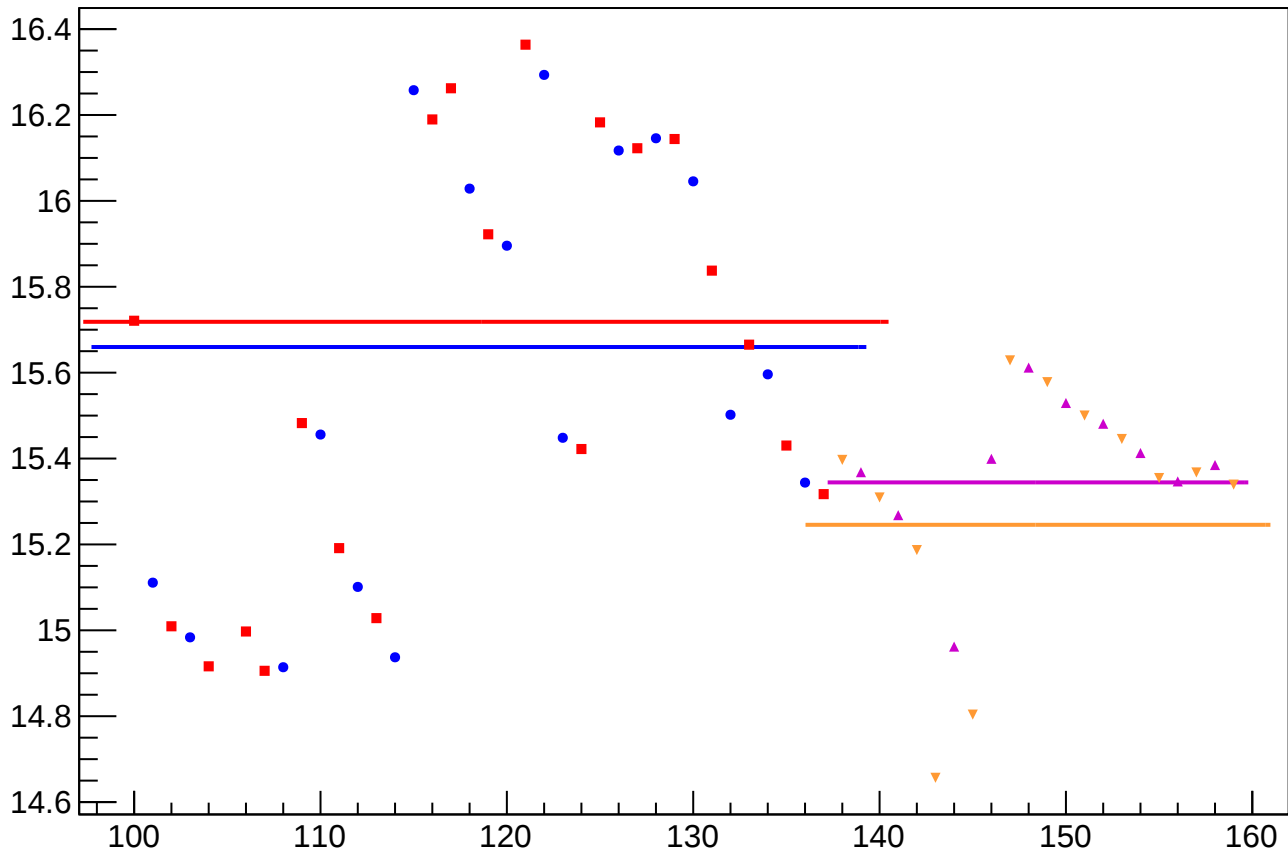
Left In: 287.558 $\pm$ 0.072 χ^2 /NDF: 346126.7/9

236.253 $\pm$ 0.046 χ^2 /NDF: 4597804.1/28

224.480 $\pm$ 0.032 χ^2 /NDF: 10815216.2/58

214.009 $\pm$ 0.043 χ^2 /NDF: 6093432.1/29

yield_sam1_mean vs Slug, Sign Corrected



Right In: 15.660+/-0.000 χ^2/NDF : 5782644553.5/16

Left Out: 15.246+/-0.000 χ^2/NDF : 6275958466.0/11

Right Out: 15.718+/-0.000 χ^2/NDF : 5490626945.9/19

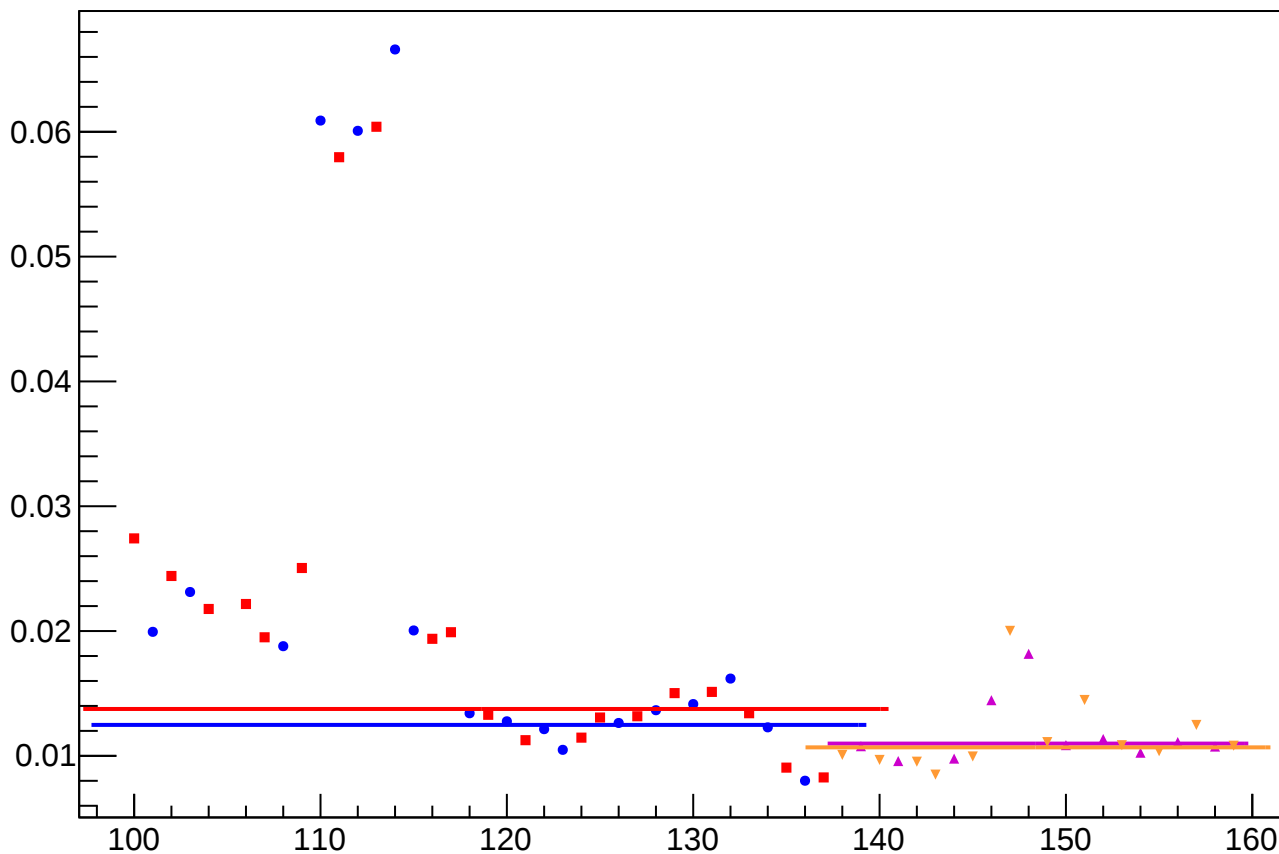
Left In: 15.344+/-0.000 χ^2/NDF : 1880800379.8/9

15.376+/-0.000 χ^2/NDF : 15939797826.7/28

15.417+/-0.000 χ^2/NDF : 26445835072.4/

15.462+/-0.000 χ^2/NDF : 10145934723.8/29

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.000 χ^2/NDF : 2152911.4/16

Left Out: 0.011 $\pm$ 0.000 χ^2/NDF : 582932.3/11

Right Out: 0.014 $\pm$ 0.000 χ^2/NDF : 2084935.7/19

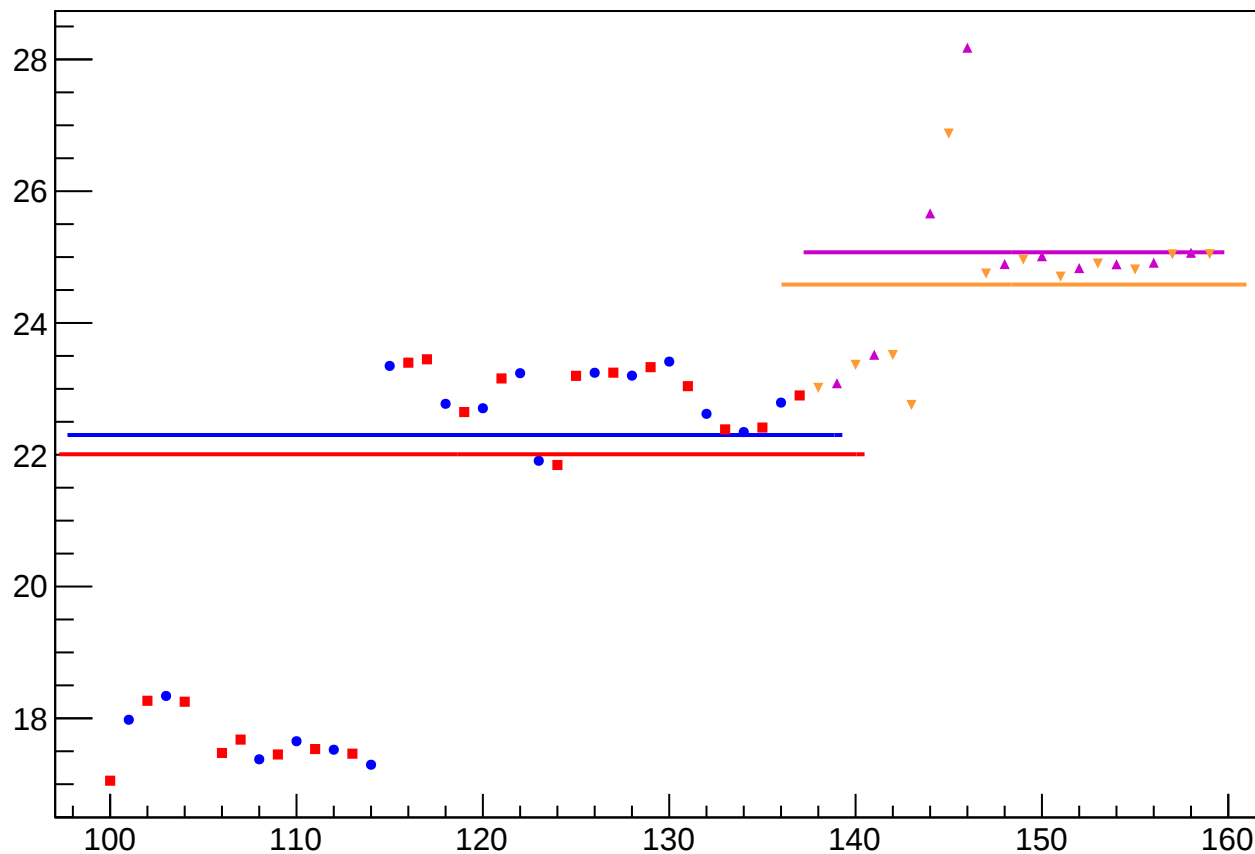
Left In: 0.011 $\pm$ 0.000 χ^2/NDF : 393555.6/9

0.011 $\pm$ 0.000 χ^2/NDF : 2882508.3/28

0.012 $\pm$ 0.000 χ^2/NDF : 5702437.9/58

0.012 $\pm$ 0.000 χ^2/NDF : 2783815.6/29

yield_sam2_mean vs Slug, Sign Corrected



Right In: 22.300 $\pm$ 0.000 χ^2/NDF : 938398636.8/16

Left Out: 24.583 $\pm$ 0.000 χ^2/NDF : 843828075.2/11

Right Out: 22.007 $\pm$ 0.000 χ^2/NDF : 1068683102.9/19

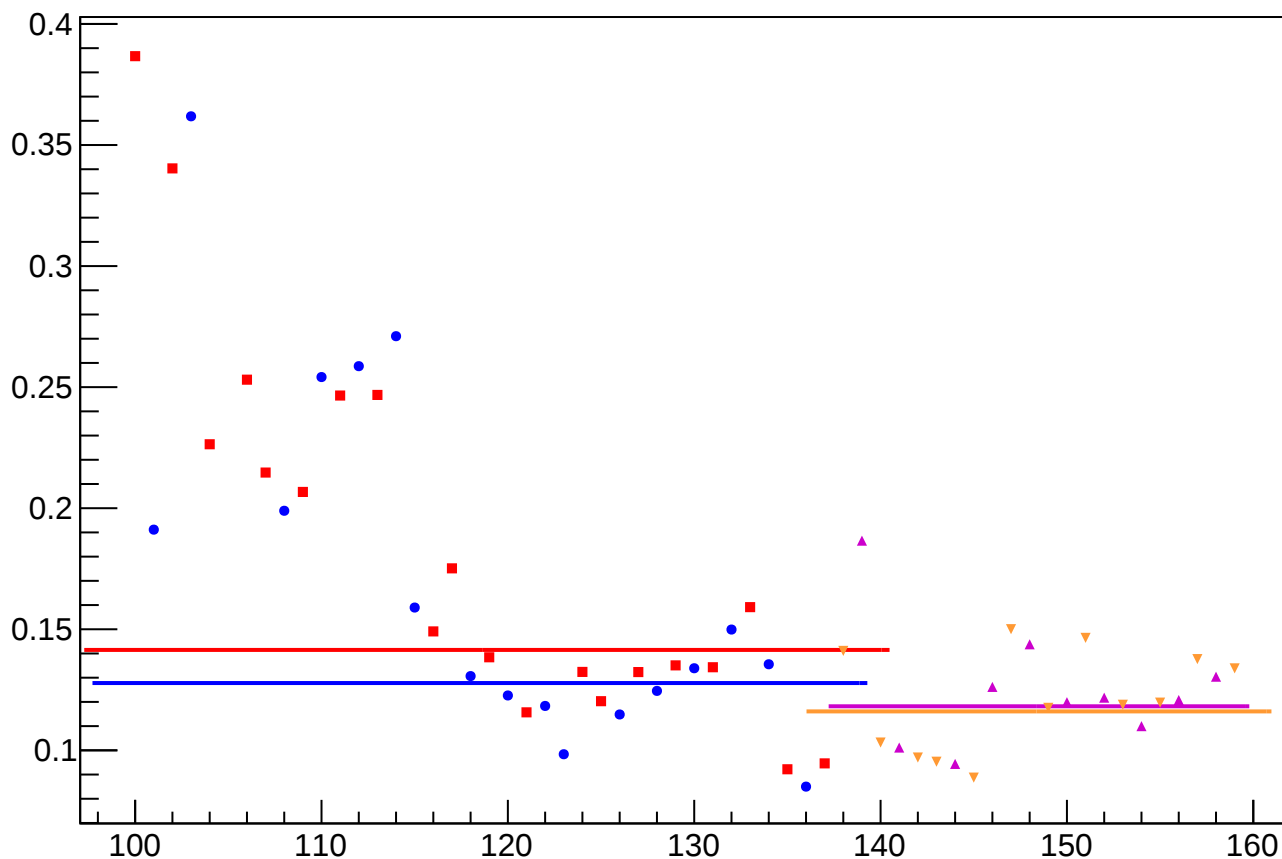
Left In: 25.073 $\pm$ 0.000 χ^2/NDF : 698049868.3/9

23.765 $\pm$ 0.000 χ^2/NDF : 2818339669.3/28

23.864 $\pm$ 0.000 χ^2/NDF : 6274616669.6/5

23.976 $\pm$ 0.000 χ^2/NDF : 3438121031.5/29

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.128+/-0.000 χ^2/NDF : 1492109.7/16

Left Out: 0.116+/-0.000 χ^2/NDF : 449479.7/11

Right Out: 0.141+/-0.000 χ^2/NDF : 1452162.4/19

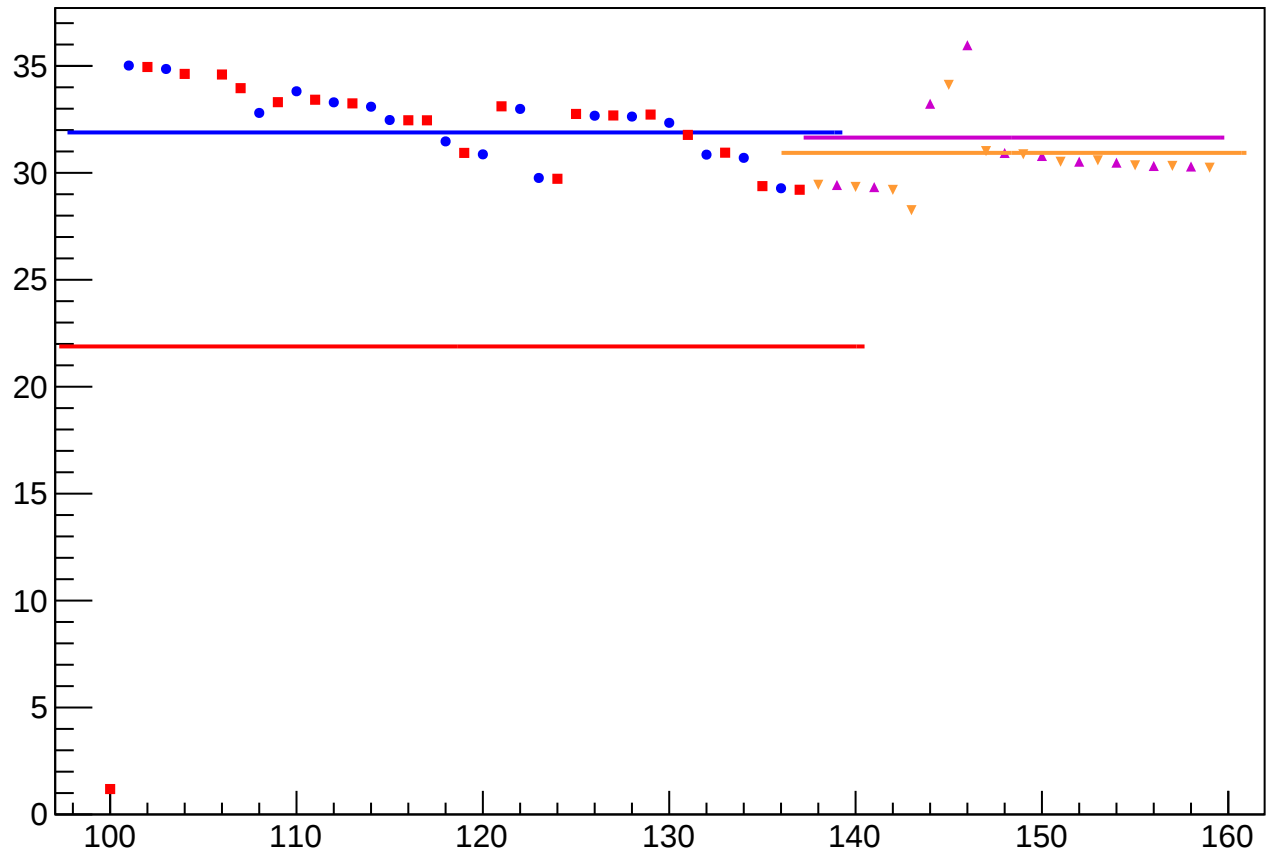
Left In: 0.118+/-0.000 χ^2/NDF : 398480.0/9

0.120+/-0.000 χ^2/NDF : 1996112.5/28

0.123+/-0.000 χ^2/NDF : 4071397.5/58

0.127+/-0.000 χ^2/NDF : 2043452.8/29

yield_sam3_mean vs Slug, Sign Corrected



Right In: 31.889+/-0.000 χ^2/NDF : 1930403776.3/16

Left Out: 30.935+/-0.000 χ^2/NDF : 4388134644.8/11

Right Out: 21.883+/-0.000 χ^2/NDF : 230247118310.5/19

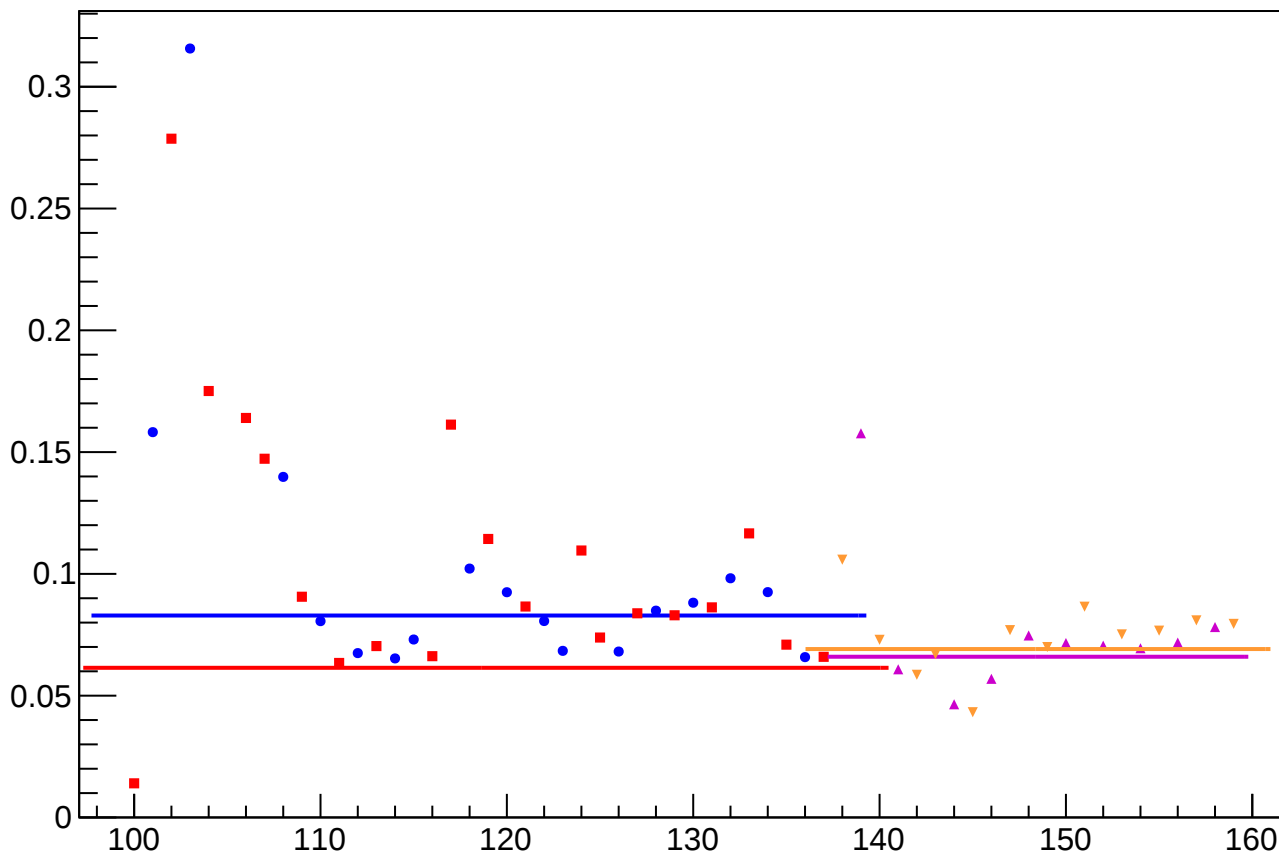
Left In: 31.649+/-0.000 χ^2/NDF : 6055885978.0/9

31.259+/-0.000 χ^2/NDF : 6747521822.6/28

29.183+/-0.000 χ^2/NDF : 317344530846.7

27.409+/-0.000 χ^2/NDF : 293827102706.9/29

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.083+/-0.000 χ^2/NDF : 1164452.3/16

Left Out: 0.069+/-0.000 χ^2/NDF : 683343.6/11

Right Out: 0.061+/-0.000 χ^2/NDF : 3635656.2/19

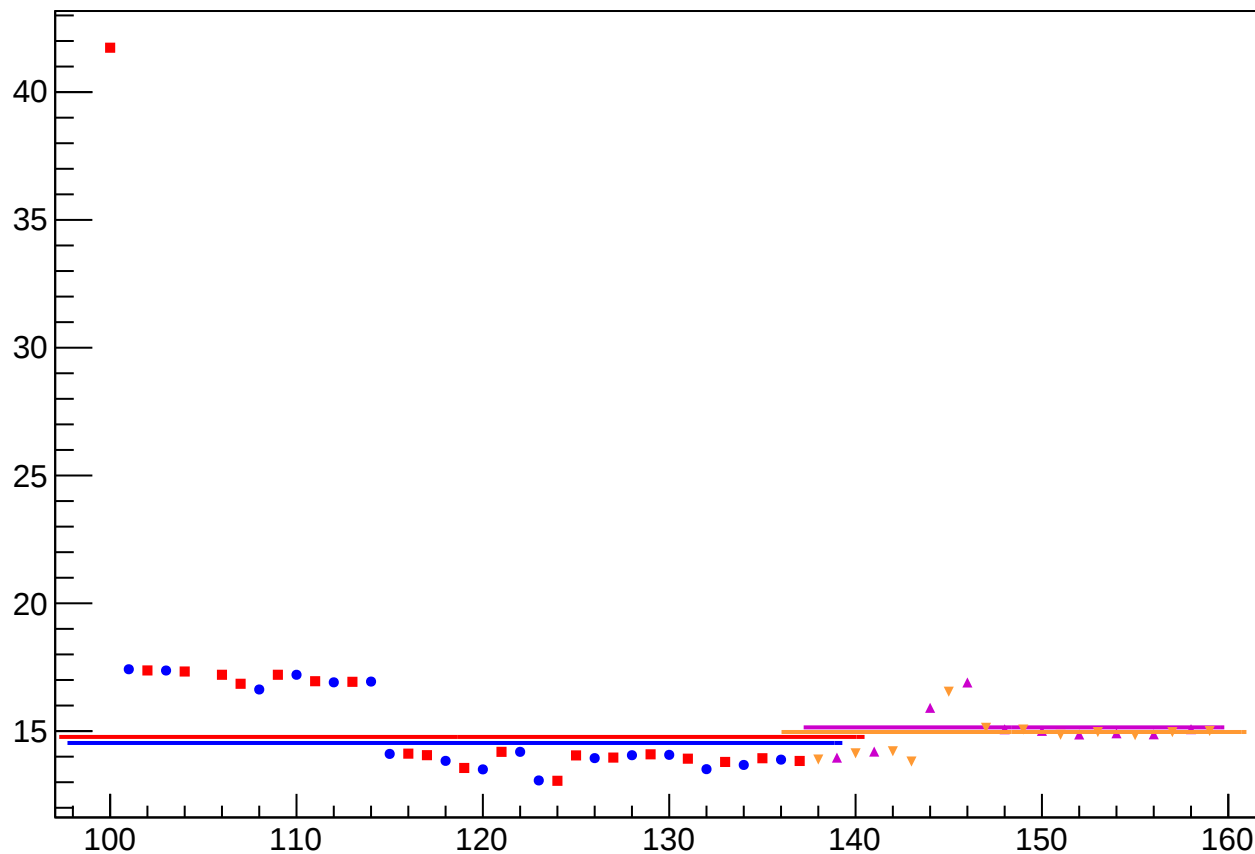
Left In: 0.066+/-0.000 χ^2/NDF : 801769.4/9

0.074+/-0.000 χ^2/NDF : 2026068.8/28

0.069+/-0.000 χ^2/NDF : 6706002.2/58

0.064+/-0.000 χ^2/NDF : 4462314.3/29

yield_sam4_mean vs Slug, Sign Corrected



Right In: 14.536 $\pm$ 0.000 χ^2/NDF : 1470499792.7/16

Left Out: 14.965 $\pm$ 0.000 χ^2/NDF : 947226647.3/11

Right Out: 14.772 $\pm$ 0.000 χ^2/NDF : 1887789052.4/19

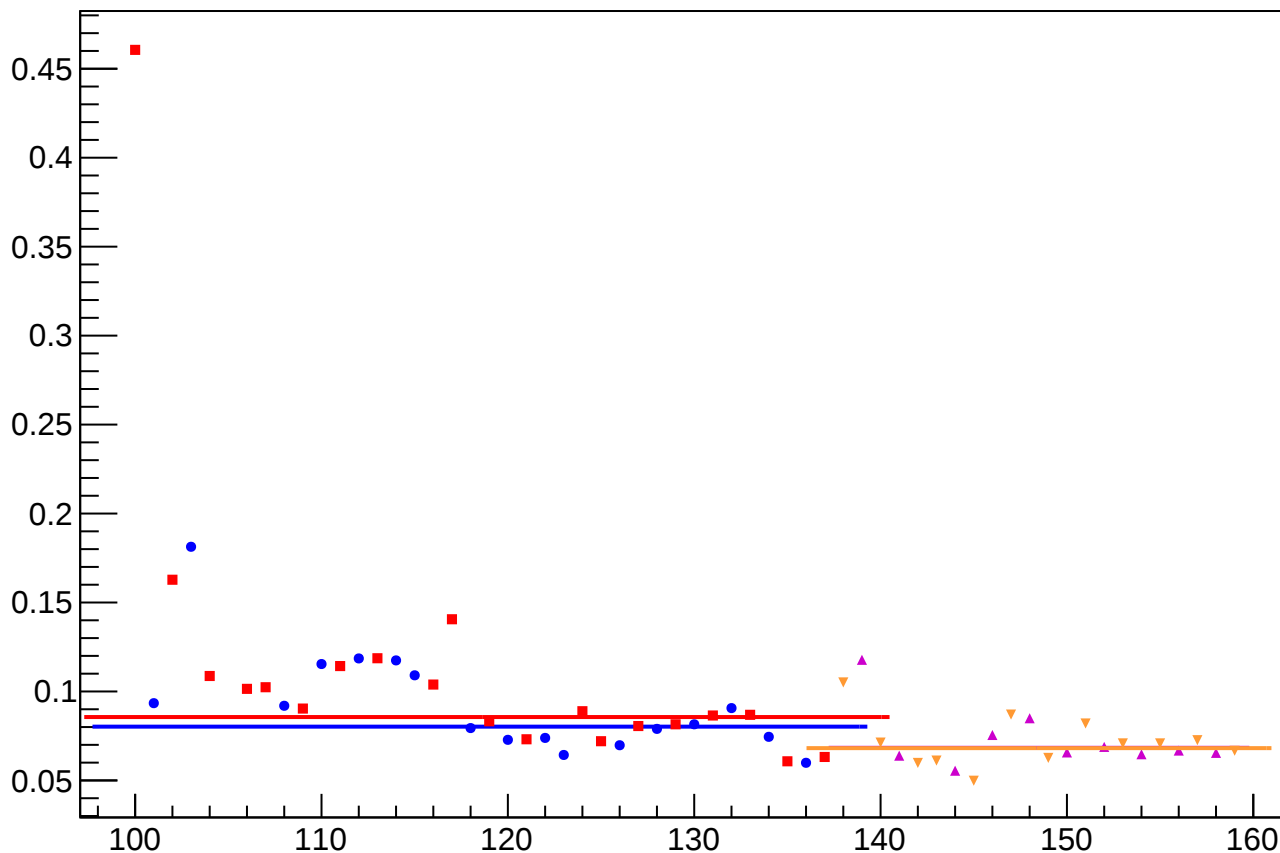
Left In: 15.146 $\pm$ 0.000 χ^2/NDF : 735034514.1/9

14.813 $\pm$ 0.000 χ^2/NDF : 2520061026.0/28

14.910 $\pm$ 0.000 χ^2/NDF : 5261938901.7/5

15.013 $\pm$ 0.000 χ^2/NDF : 2695389600.5/29

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.080 ± 0.000 $\chi^2/\text{NDF}: 778734.5/16$

Left Out: 0.068 ± 0.000 $\chi^2/\text{NDF}: 468194.0/11$

Right Out: 0.086 ± 0.000 $\chi^2/\text{NDF}: 750289.2/19$

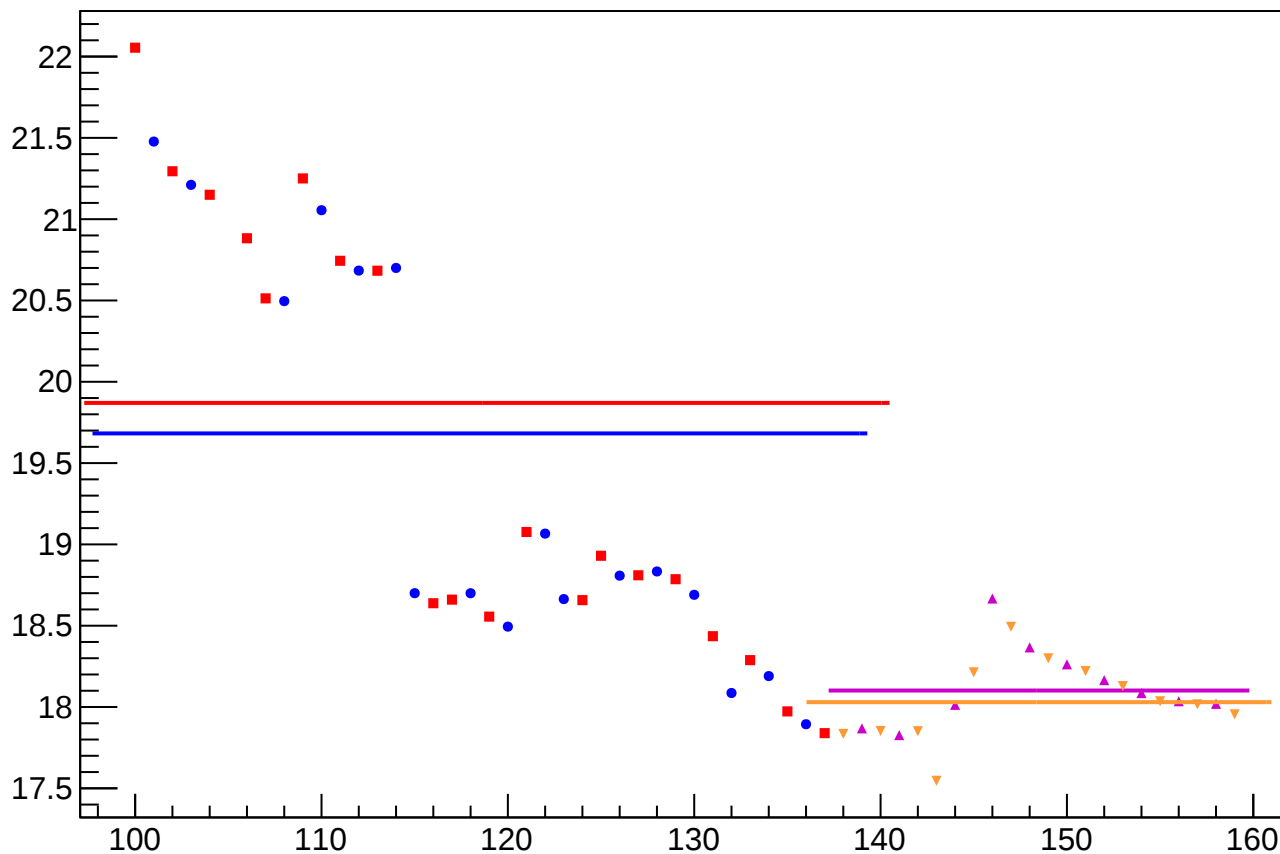
Left In: 0.068 ± 0.000 $\chi^2/\text{NDF}: 402524.3/9$

0.072 ± 0.000 $\chi^2/\text{NDF}: 1408697.2/28$

0.073 ± 0.000 $\chi^2/\text{NDF}: 2881681.8/58$

0.074 ± 0.000 $\chi^2/\text{NDF}: 1462872.2/29$

yield_sam5_mean vs Slug, Sign Corrected



Right In: 19.683 $\pm$ 0.000 χ^2/NDF : 12276801857.2/16

Left Out: 18.030 $\pm$ 0.000 χ^2/NDF : 403170844.6/11

Right Out: 19.870 $\pm$ 0.000 χ^2/NDF : 11333011670.6/19

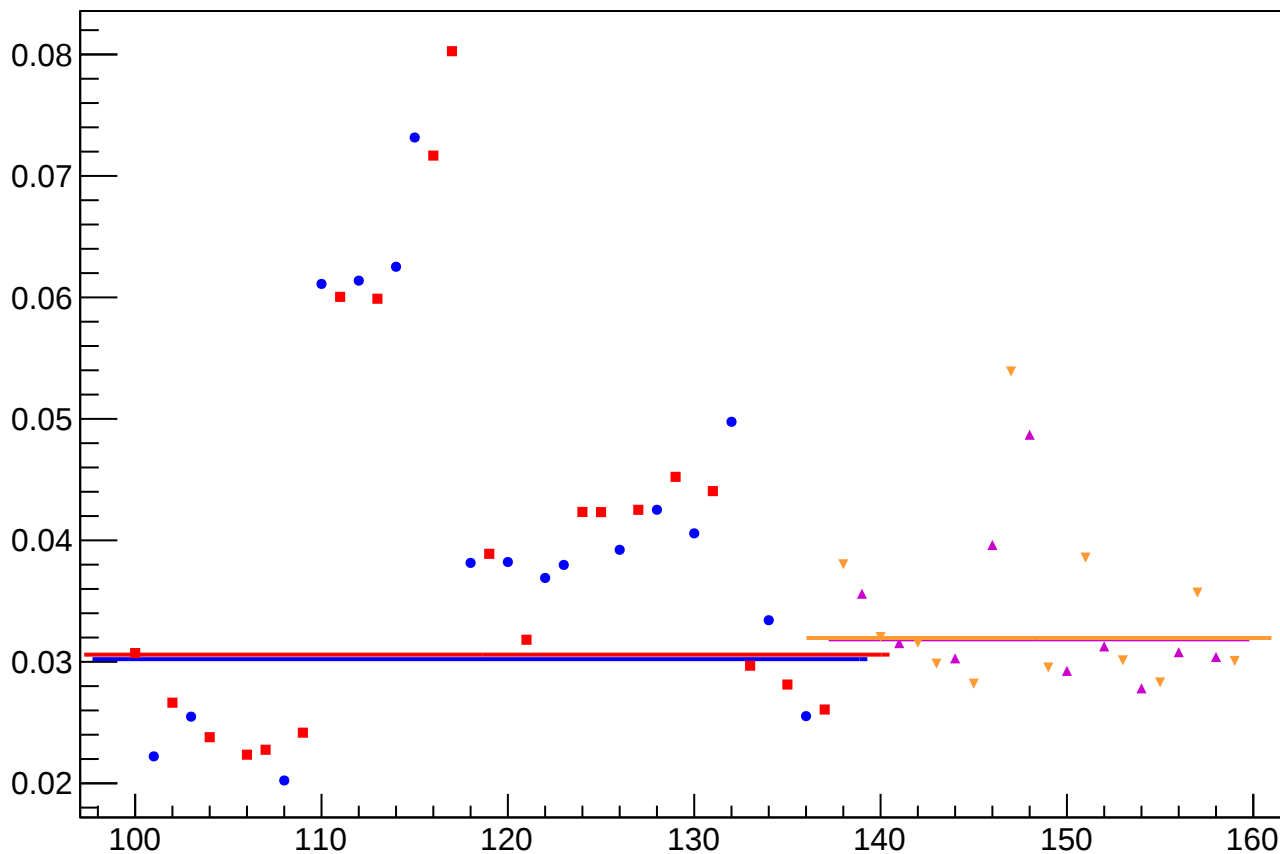
Left In: 18.101 $\pm$ 0.000 χ^2/NDF : 311849210.7/9

18.738 $\pm$ 0.000 χ^2/NDF : 22229023455.6/28

18.820 $\pm$ 0.000 χ^2/NDF : 44887904229.4/28

18.904 $\pm$ 0.000 χ^2/NDF : 22464326959.0/29

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.030+/-0.000 χ^2/NDF : 1324518.2/16

Left Out: 0.032+/-0.000 χ^2/NDF : 423815.2/11

Right Out: 0.031+/-0.000 χ^2/NDF : 1219224.0/19

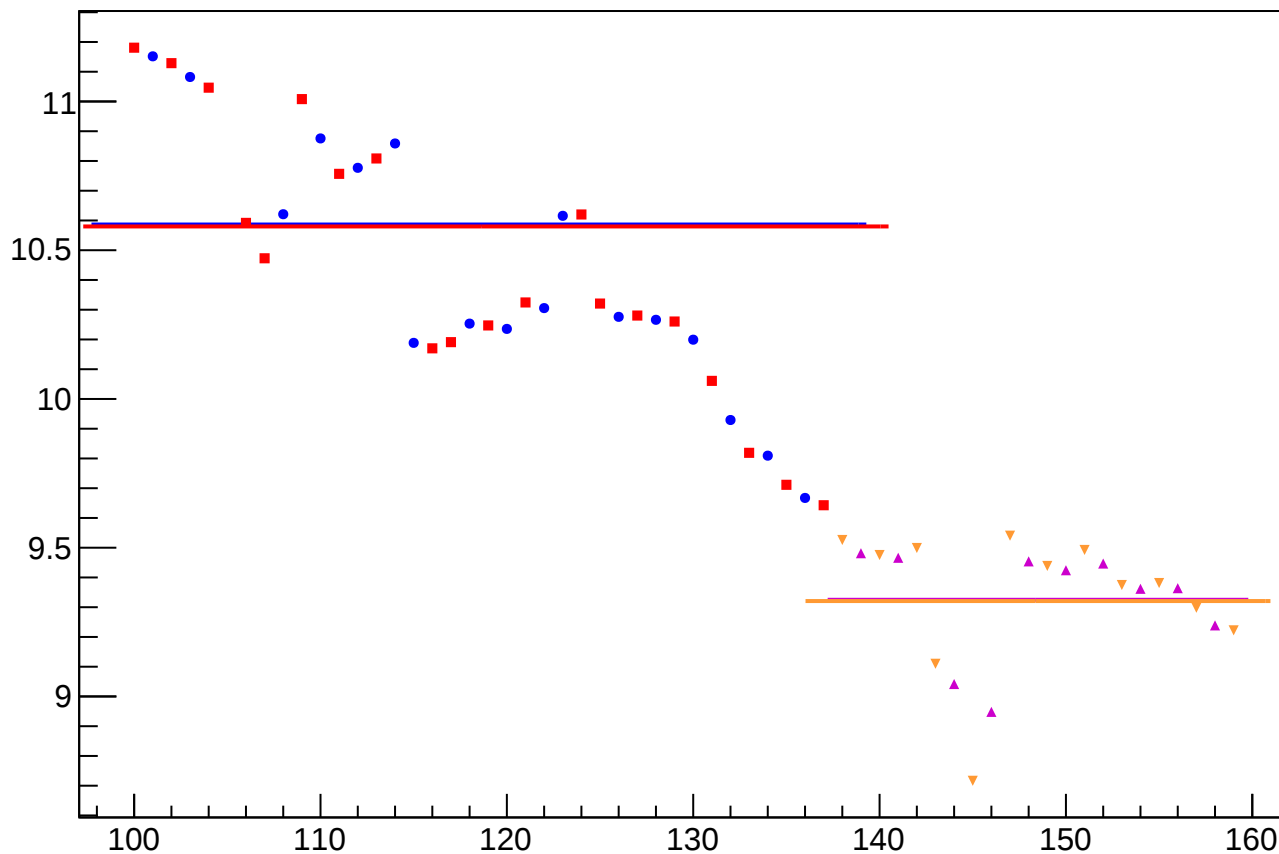
Left In: 0.032+/-0.000 χ^2/NDF : 314680.3/9

0.031+/-0.000 χ^2/NDF : 1769573.2/28

0.031+/-0.000 χ^2/NDF : 3314530.9/58

0.031+/-0.000 χ^2/NDF : 1544899.3/29

yield_sam6_mean vs Slug, Sign Corrected



Right In: 10.586+/-0.000 χ^2/NDF : 7420104563.4/16

Left Out: 9.321+/-0.000 χ^2/NDF : 1059822276.7/11

Right Out: 10.580+/-0.000 χ^2/NDF : 5769007164.9/19

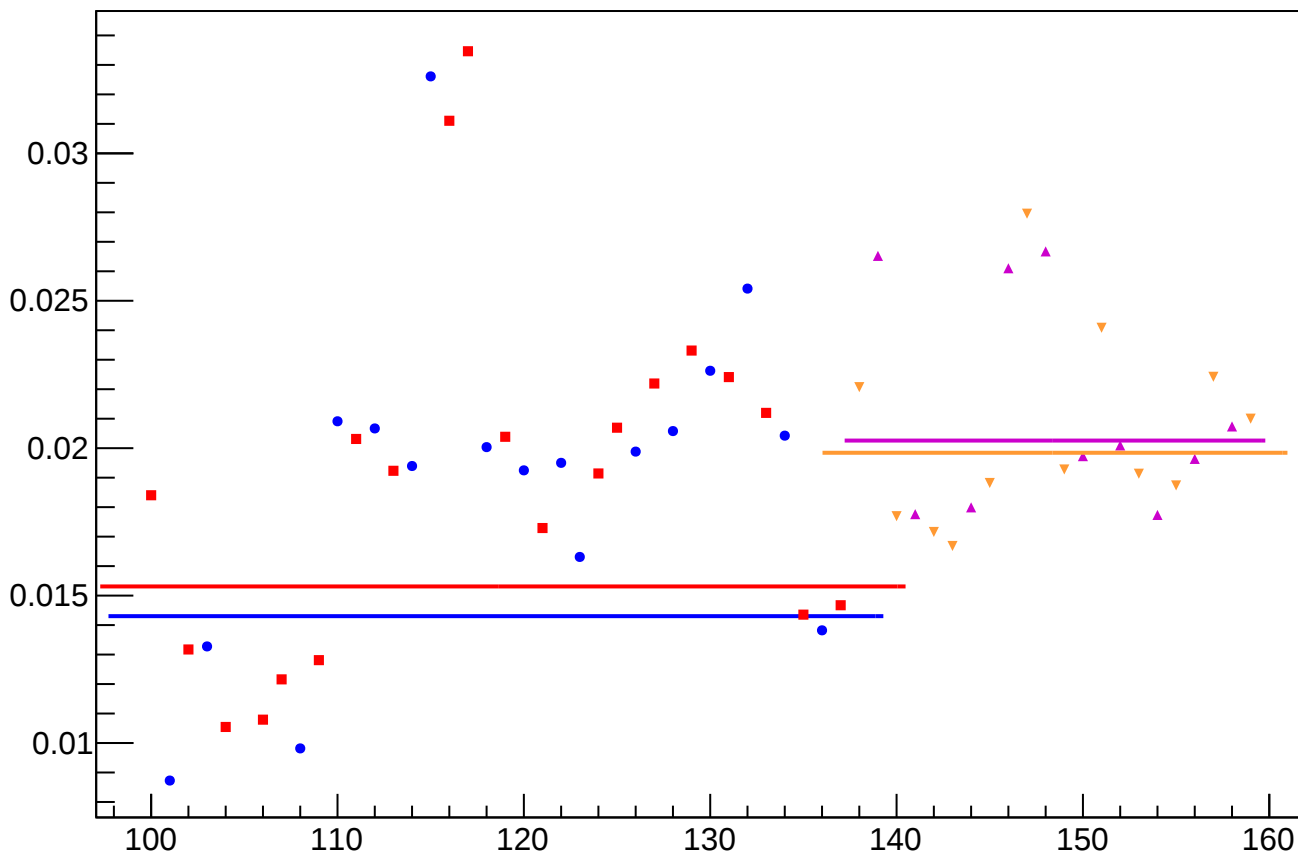
Left In: 9.325+/-0.000 χ^2/NDF : 501706149.9/9

10.031+/-0.000 χ^2/NDF : 26785681073.8/28

10.044+/-0.000 χ^2/NDF : 49633289872.9/28

10.058+/-0.000 χ^2/NDF : 22830691528.9/29

yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1408012.0/16

Left Out: 0.020+/-0.000 χ^2/NDF : 303462.6/11

Right Out: 0.015+/-0.000 χ^2/NDF : 1011477.2/19

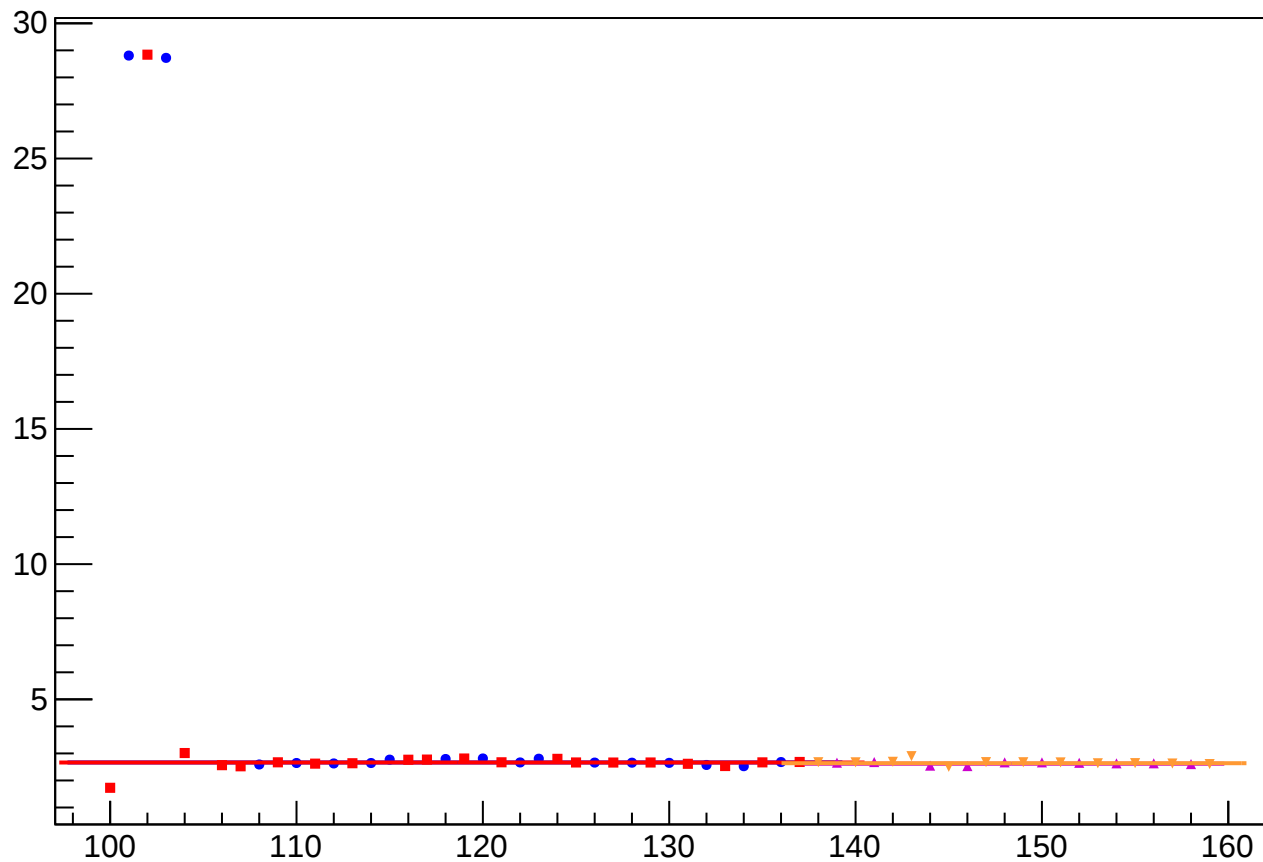
Left In: 0.020+/-0.000 χ^2/NDF : 330043.4/9

0.017+/-0.000 χ^2/NDF : 2413388.5/28

0.017+/-0.000 χ^2/NDF : 4287611.3/58

0.017+/-0.000 χ^2/NDF : 1856340.0/29

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.666+/-0.000 χ^2/NDF : 163167327359.4/16

Left Out: 2.638+/-0.000 χ^2/NDF : 11496075102.1/11

Right Out: 2.664+/-0.000 χ^2/NDF : 70484048082.1/19

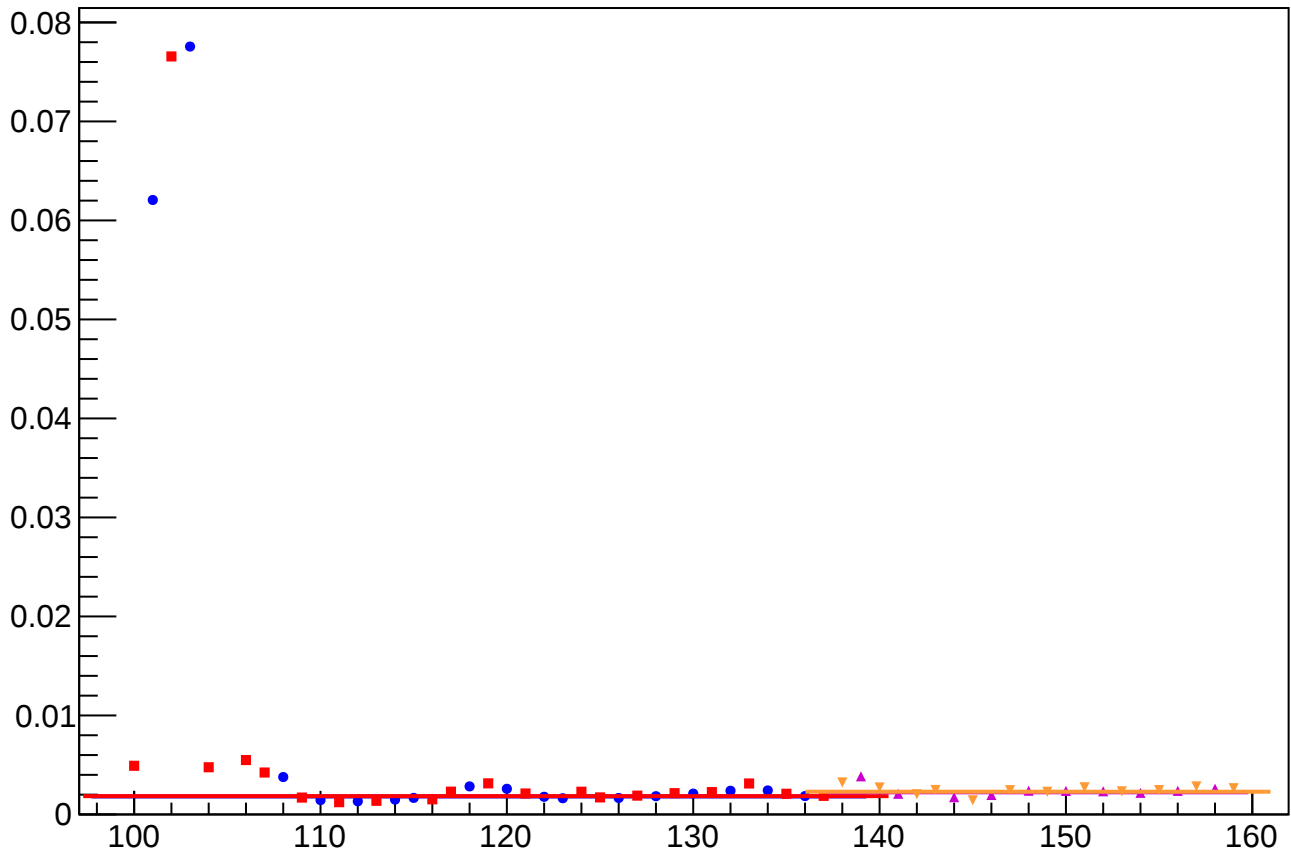
Left In: 2.619+/-0.000 χ^2/NDF : 3869097519.3/9

2.652+/-0.000 χ^2/NDF : 175180068141.4/28

2.647+/-0.000 χ^2/NDF : 251049101147.8/28

2.642+/-0.000 χ^2/NDF : 75737925937.4/29

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2661372.0/16

Left Out: 0.002+/-0.000 χ^2/NDF : 693199.2/11

Right Out: 0.002+/-0.000 χ^2/NDF : 2334243.7/19

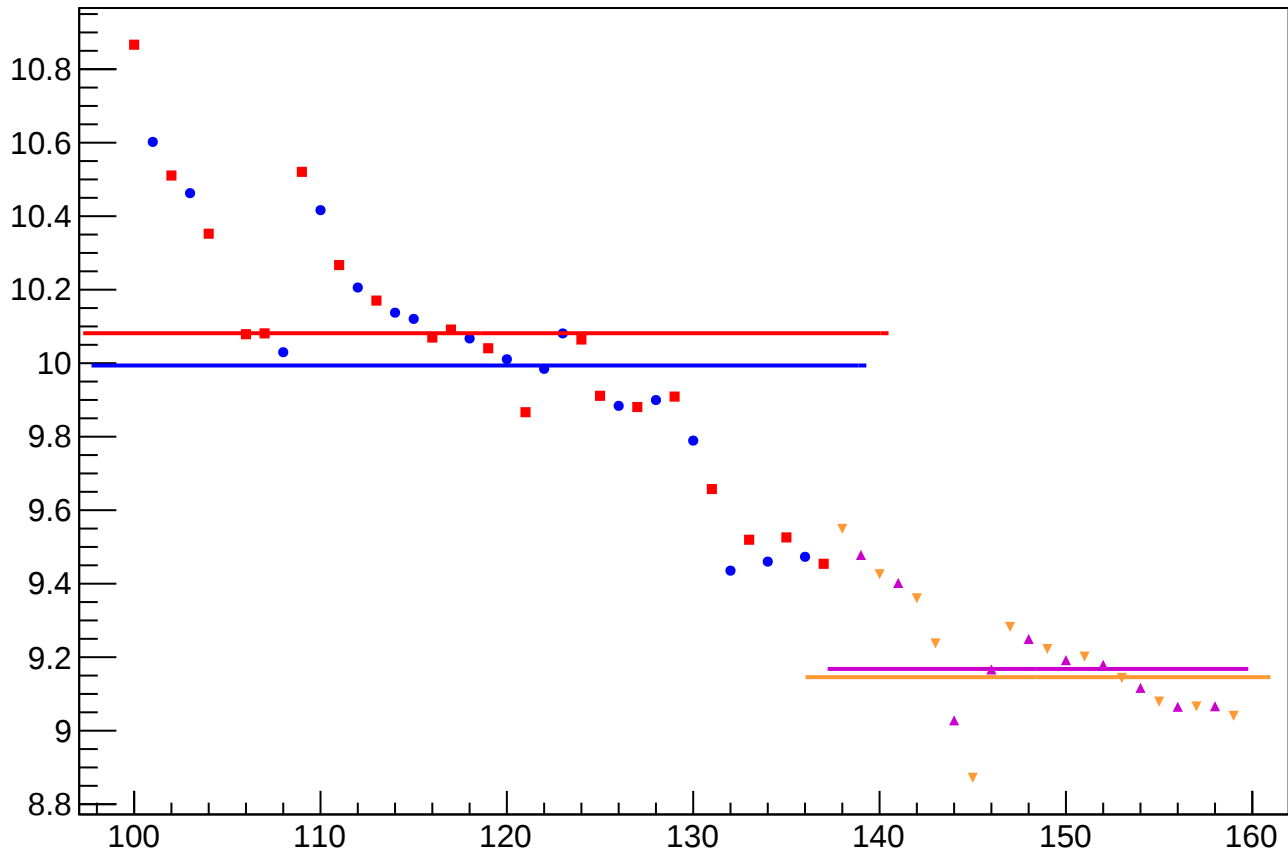
Left In: 0.002+/-0.000 χ^2/NDF : 431304.4/9

0.002+/-0.000 χ^2/NDF : 3662890.2/28

0.002+/-0.000 χ^2/NDF : 6636196.1/58

0.002+/-0.000 χ^2/NDF : 2972158.0/29

yield_sam8_mean vs Slug, Sign Corrected



Right In: 9.994+/-0.000 χ^2/NDF : 18815741664.6/16

Left Out: 9.146+/-0.000 χ^2/NDF : 5055074552.5/11

9.575+/-0.000 χ^2/NDF : 88116289893.9/28

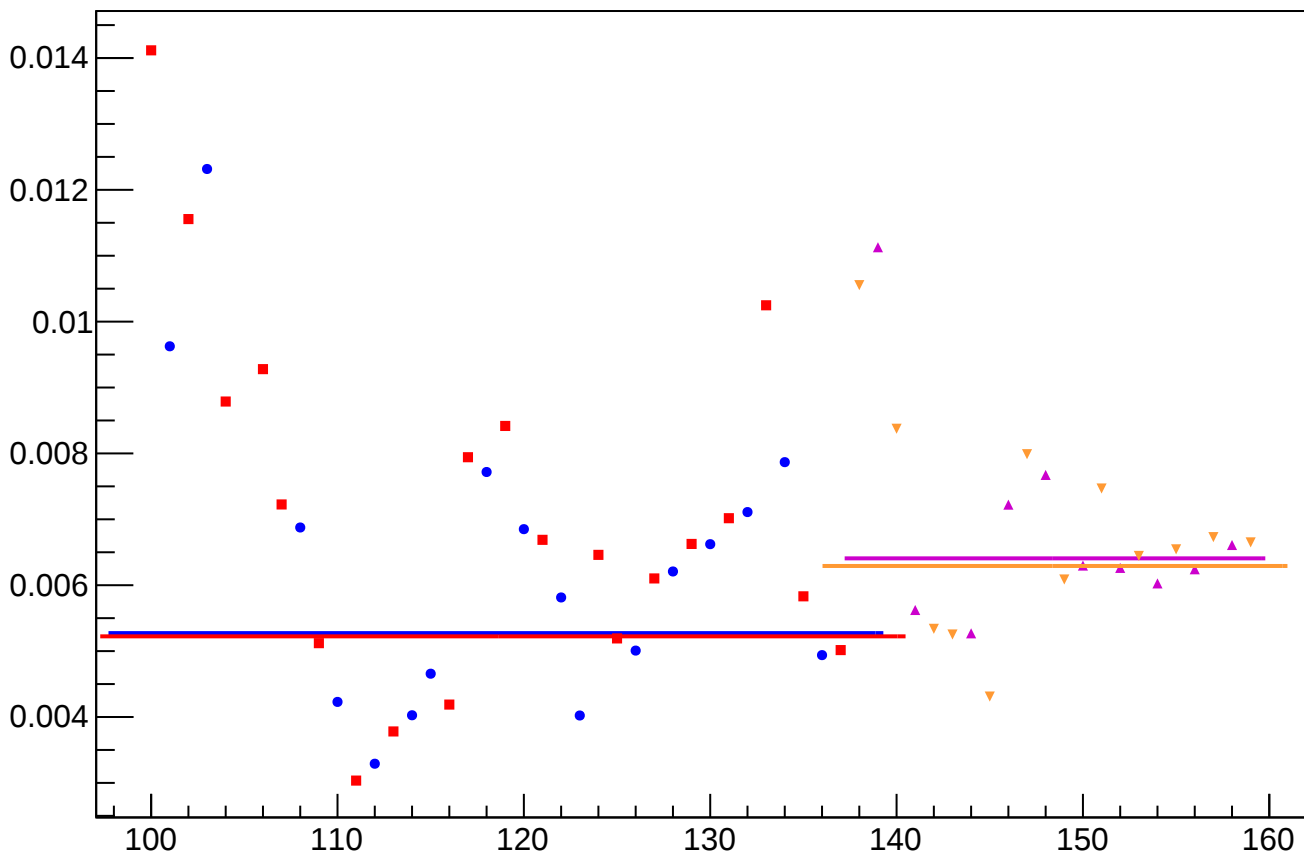
9.620+/-0.000 χ^2/NDF : 180782219876.7/17

Right Out: 10.082+/-0.000 χ^2/NDF : 15502760782.3/19

9.666+/-0.000 χ^2/NDF : 91188625797.8/29

Left In: 9.168+/-0.000 χ^2/NDF : 2474655146.3/9

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1245563.1/16

Left Out: 0.006+/-0.000 χ^2/NDF : 667027.3/11

Right Out: 0.005+/-0.000 χ^2/NDF : 1667515.0/19

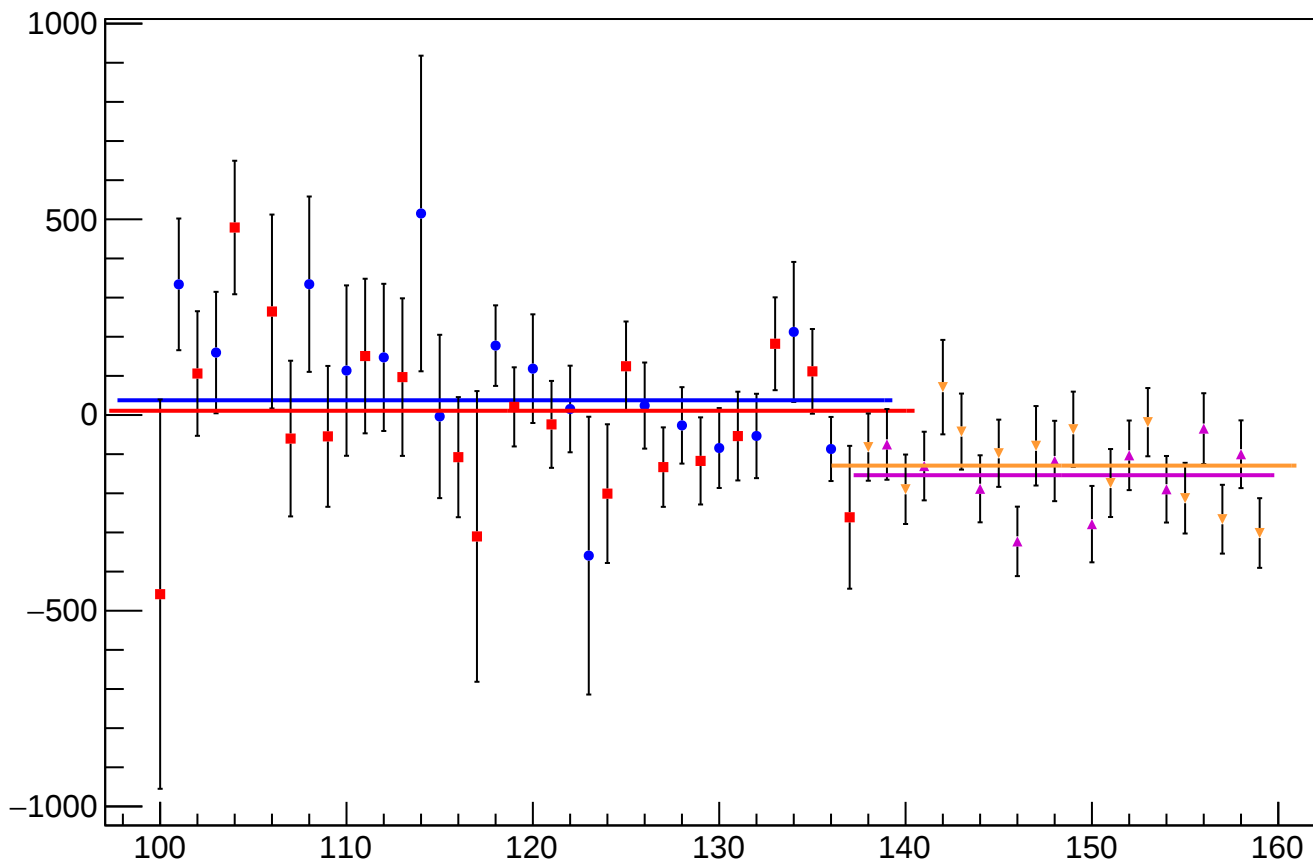
Left In: 0.006+/-0.000 χ^2/NDF : 391112.3/9

0.006+/-0.000 χ^2/NDF : 2098091.2/28

0.006+/-0.000 χ^2/NDF : 4402591.7/58

0.006+/-0.000 χ^2/NDF : 2304431.7/29

reg_asym_sam1_mean vs Slug, Sign Corrected



Right In: 37.694 ± 32.253 χ^2/NDF : 16.7/16

Left Out: -129.228 ± 26.529 χ^2/NDF : 14.6/11

Right Out: 10.884 ± 31.947 χ^2/NDF : 23.5/19

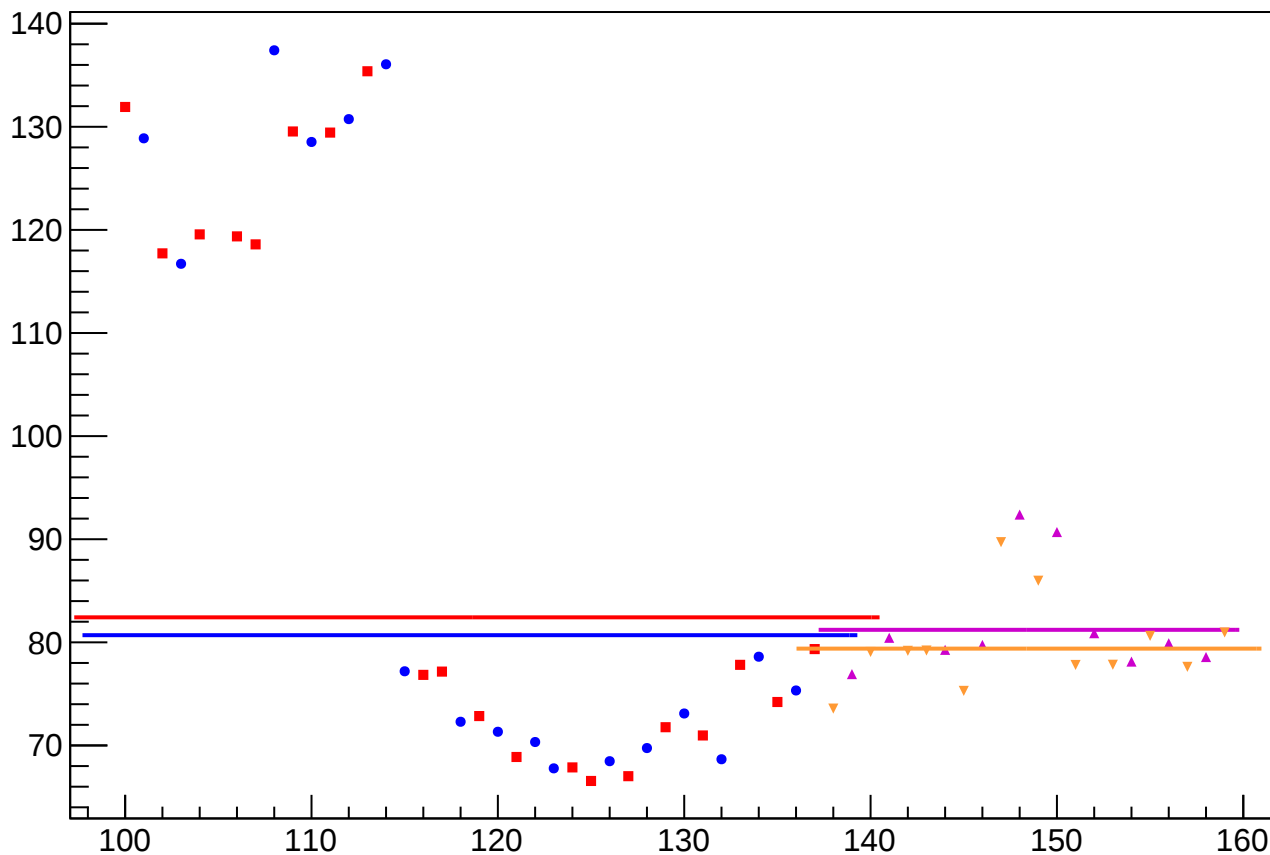
Left In: -153.760 ± 28.435 χ^2/NDF : 9.0/9

-61.870 ± 20.489 χ^2/NDF : 47.2/28

-71.082 ± 14.746 χ^2/NDF : 95.0/58

-80.982 ± 21.240 χ^2/NDF : 47.3/29

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 80.694+/-0.023 χ^2/NDF : 814026.4/16

Left Out: 79.391+/-0.019 χ^2/NDF : 46986.3/11

Right Out: 82.424+/-0.023 χ^2/NDF : 915282.5/19

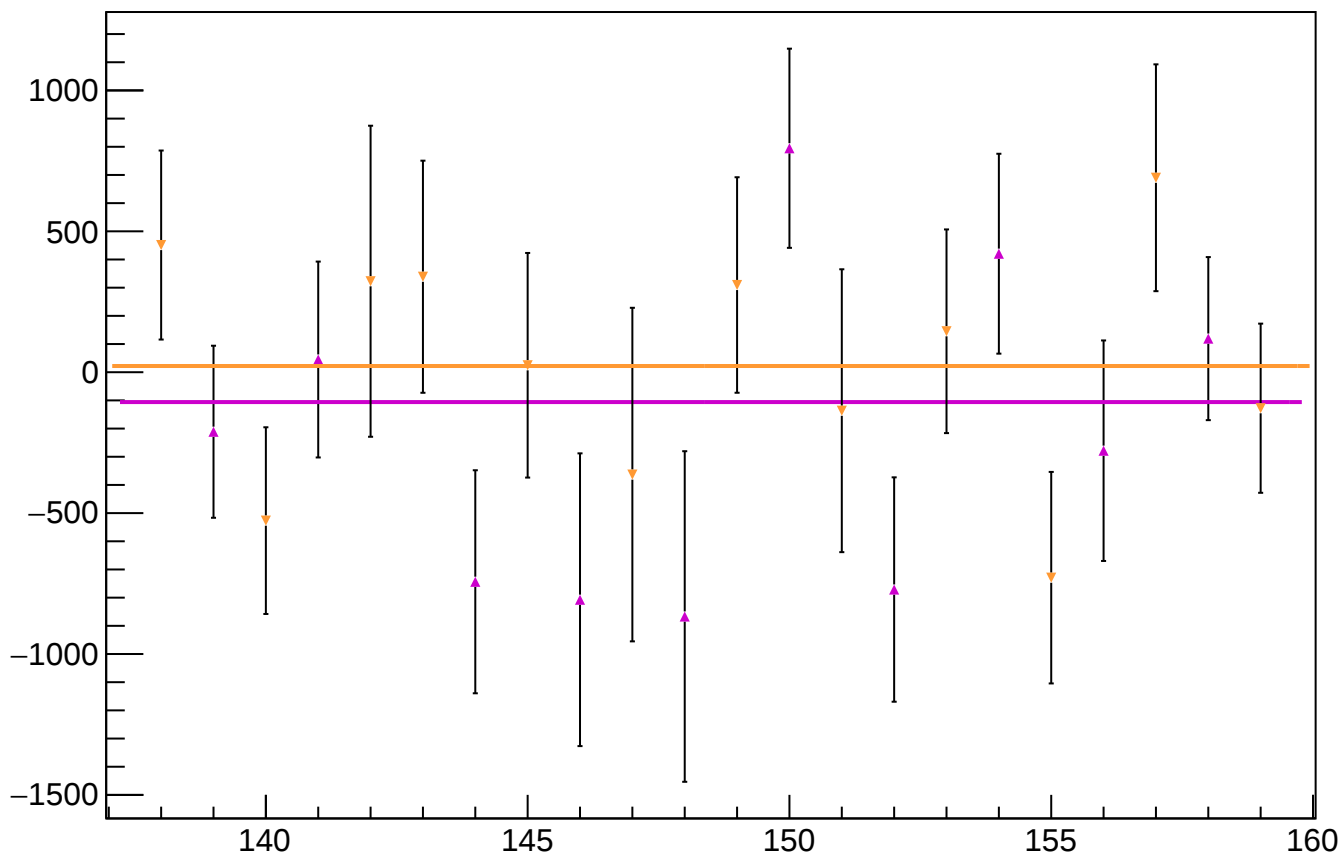
Left In: 81.214+/-0.020 χ^2/NDF : 53775.2/9

79.917+/-0.014 χ^2/NDF : 862960.1/28

80.800+/-0.010 χ^2/NDF : 1841327.9/58

81.749+/-0.015 χ^2/NDF : 970659.1/29

asym_sam1_correction_mean vs Slug, Sign Corrected



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

Left Out: 22.015 $\pm$ 112.388 χ^2 /NDF:13.5/11

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

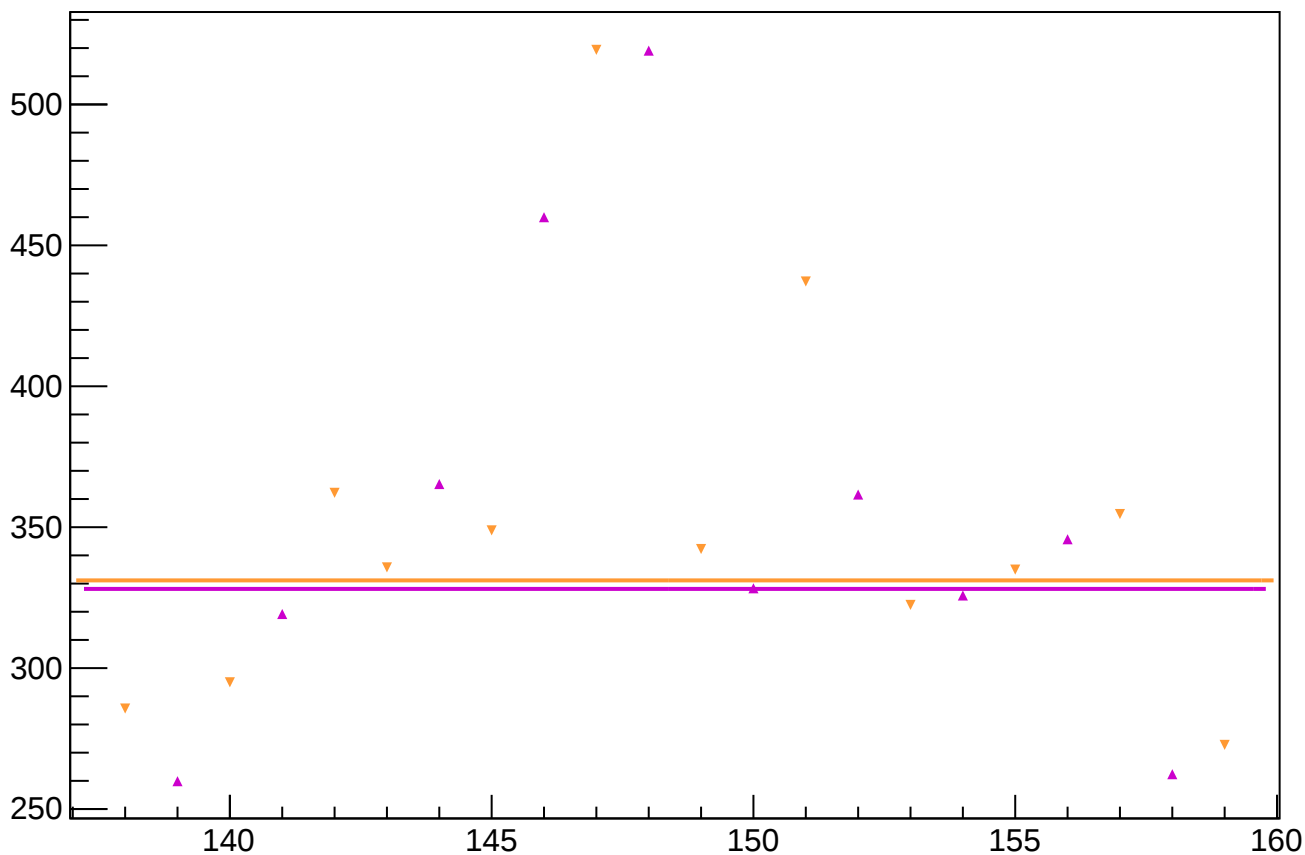
Left In: -105.952 $\pm$ 117.243 χ^2 /NDF:18.7/9

22.015 $\pm$ 112.388 χ^2 /NDF: 13.5/11

-39.264 $\pm$ 81.133 χ^2 /NDF: 32.8/21

-105.952 $\pm$ 117.243 χ^2 /NDF: 18.7/9

asym_sam1_correction_rms vs Slug, Sign Corrected



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

Left Out: 331.127+/-0.079 χ^2/NDF : 448273.7/11

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

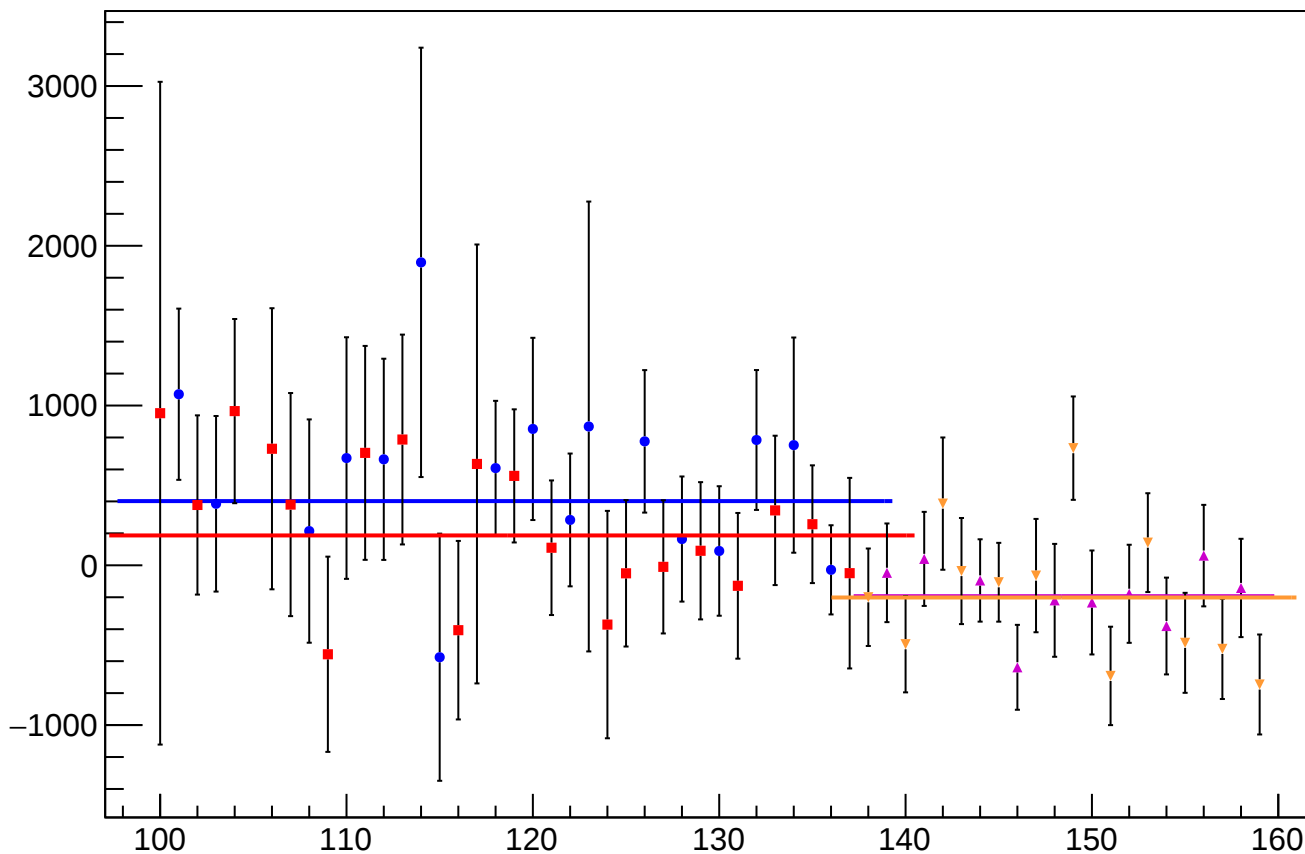
Left In: 328.106+/-0.083 χ^2/NDF : 581394.6/9

331.127+/-0.079 χ^2/NDF : 448273.7/11

329.680+/-0.057 χ^2/NDF : 1030360.7/21

328.106+/-0.083 χ^2/NDF : 581394.6/9

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 401.871+/-121.048 χ^2/NDF : 10.9/16

Left Out: -201.478+/-90.474 χ^2/NDF : 20.5/11

Right Out: 186.914+/-119.879 χ^2/NDF : 9.4/19

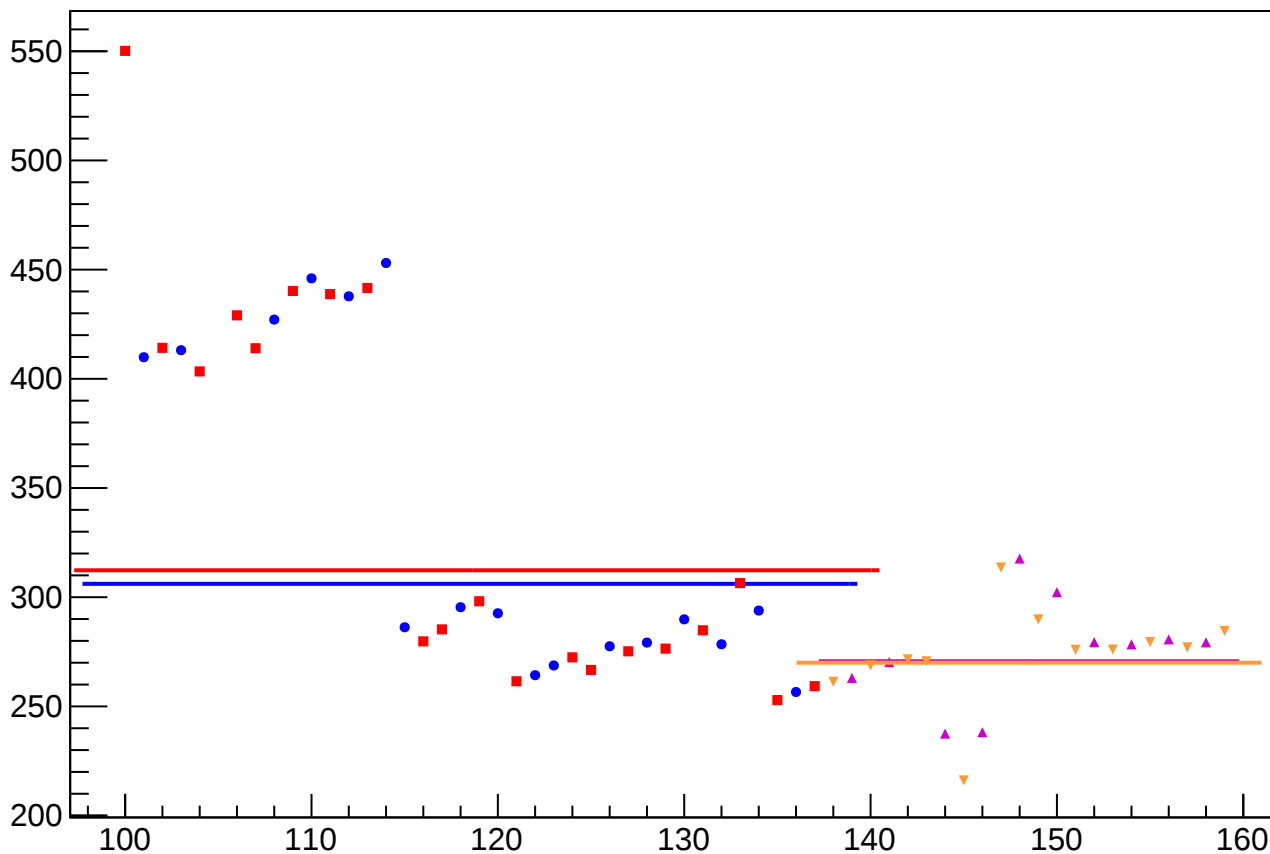
Left In: -193.191+/-95.050 χ^2/NDF : 4.9/9

14.773+/-72.469 χ^2/NDF : 47.4/28

-15.010+/-51.939 χ^2/NDF : 68.2/58

-46.470+/-74.480 χ^2/NDF : 20.5/29

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 306.123+/-0.086 χ^2/NDF : 508435.8/16

Left Out: 270.005+/-0.064 χ^2/NDF : 143552.8/11

Right Out: 312.335+/-0.085 χ^2/NDF : 626552.3/19

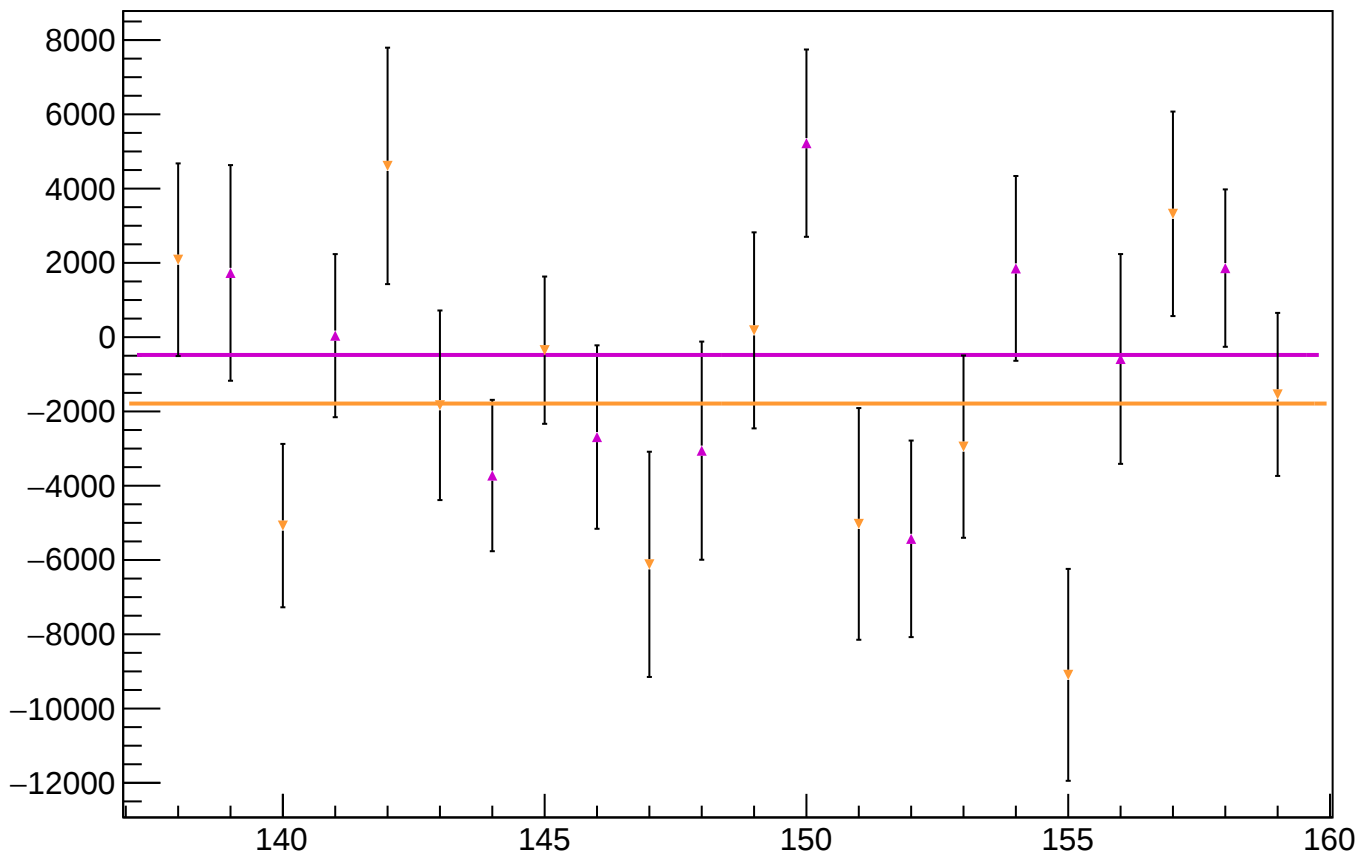
Left In: 270.681+/-0.067 χ^2/NDF : 124967.7/9

282.950+/-0.051 χ^2/NDF : 766231.6/28

284.803+/-0.037 χ^2/NDF : 1668699.9/58

286.759+/-0.053 χ^2/NDF : 899781.7/29

asym_sam2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1787.555+/-736.137 χ^2/NDF :22.9/11

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

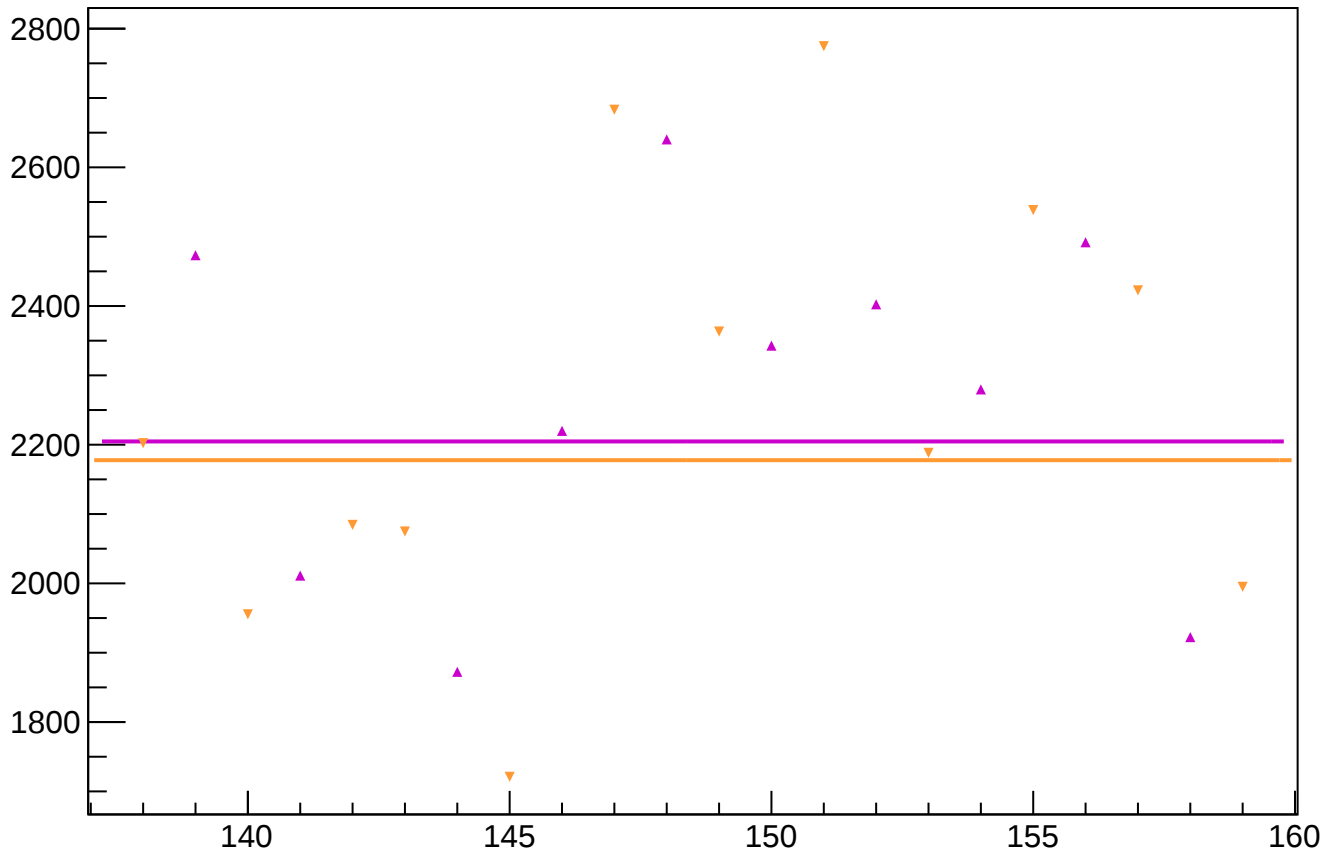
Left In: -478.999+/-777.023 χ^2/NDF :15.5/9

-1787.555+/-736.137 χ^2/NDF : 22.9/11

-1168.609+/-534.397 χ^2/NDF : 39.9/21

-478.999+/-777.023 χ^2/NDF : 15.5/9

asym_sam2_correction_rms vs Slug, Sign Corrected



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

Left Out: 2177.672+/-0.521 χ^2/NDF : 332049.5/11

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

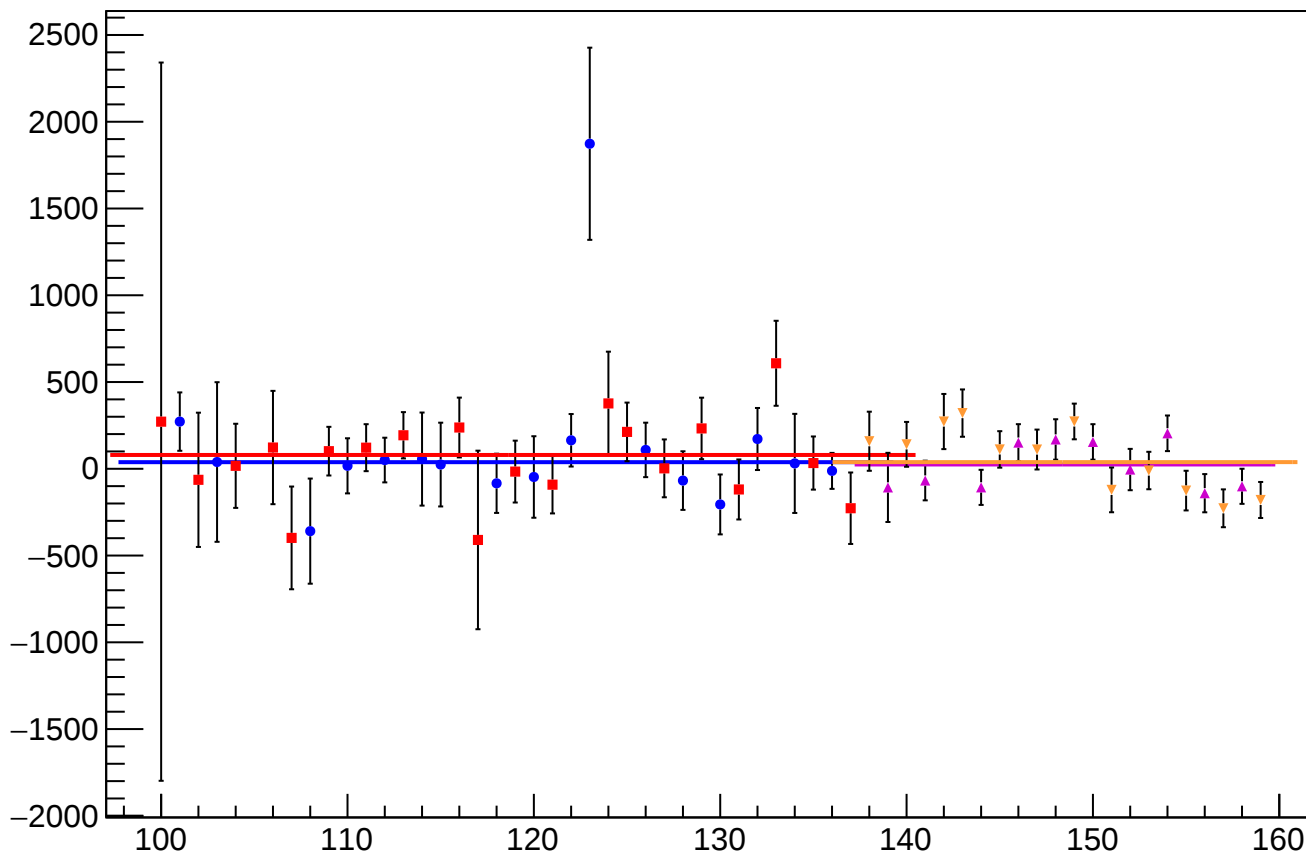
Left In: 2204.695+/-0.549 χ^2/NDF : 205009.3/9

2177.672+/-0.521 χ^2/NDF : 332049.5/11

2190.454+/-0.378 χ^2/NDF : 538333.6/21

2204.695+/-0.549 χ^2/NDF : 205009.3/9

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 38.126+/-43.548 χ^2/NDF : 19.4/16

Left Out: 38.447+/-34.340 χ^2/NDF : 27.8/11

Right Out: 79.665+/-42.948 χ^2/NDF : 17.6/19

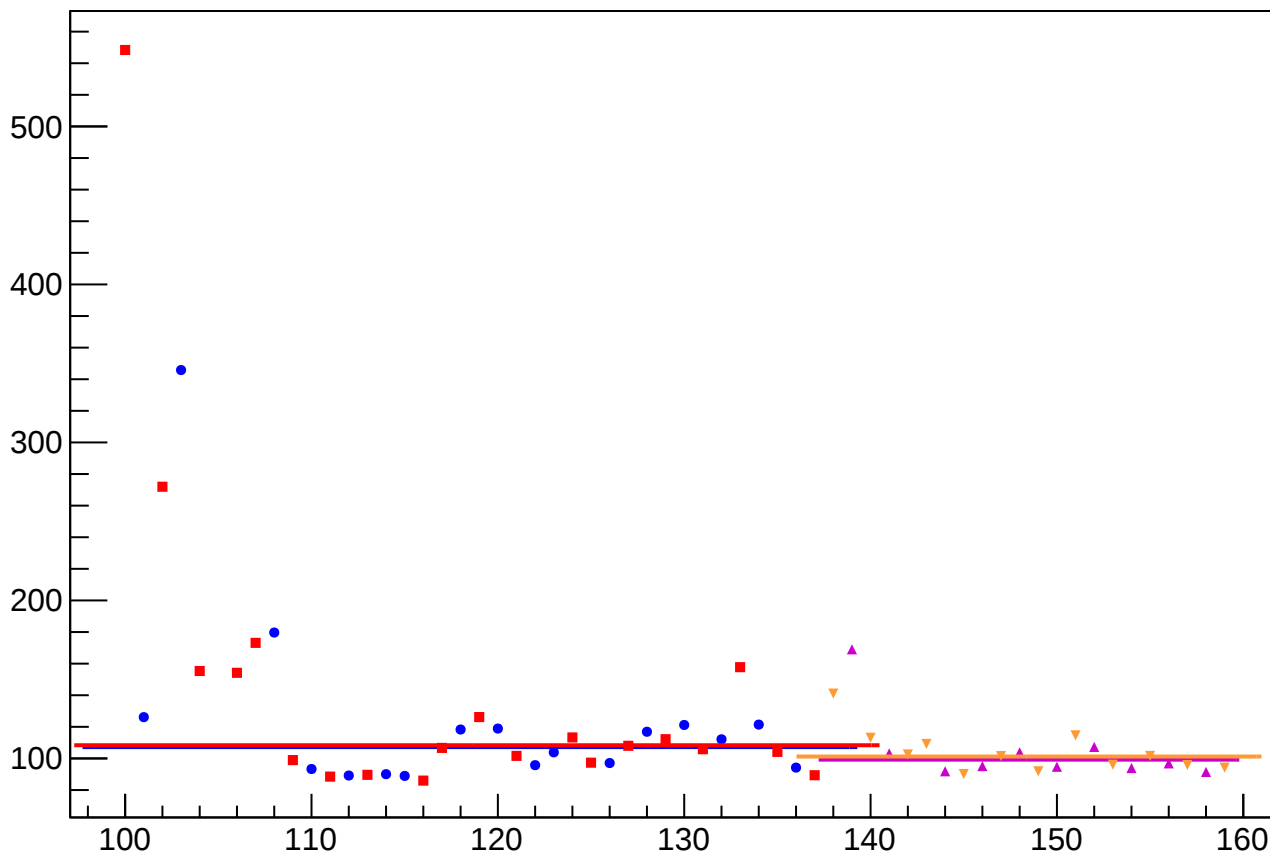
Left In: 24.852+/-35.283 χ^2/NDF : 14.3/9

38.324+/-26.965 χ^2/NDF : 47.2/28

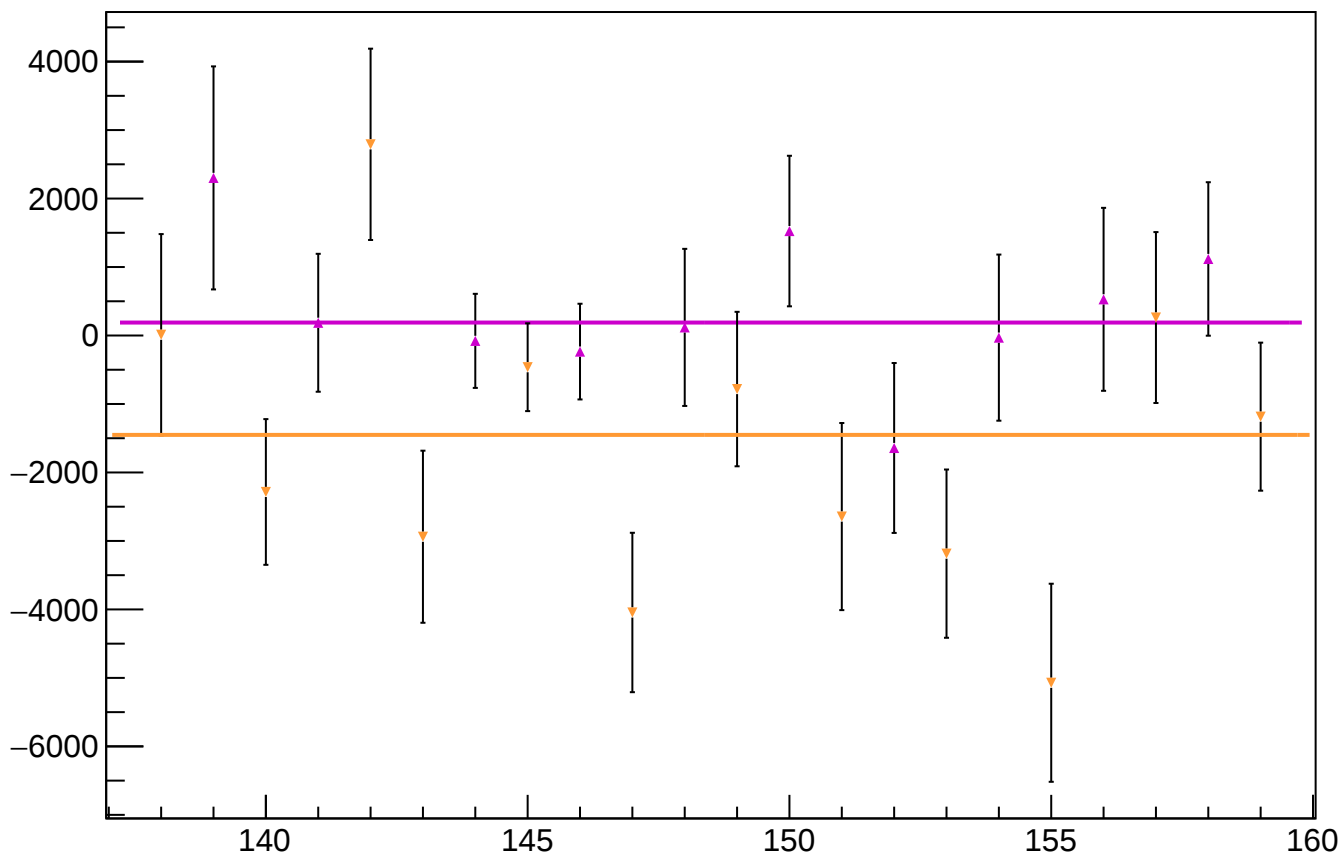
42.584+/-19.171 χ^2/NDF : 80.2/58

46.939+/-27.262 χ^2/NDF : 32.9/29

reg_asym_sam3_rms vs Slug, Sign Corrected



asym_sam3_correction_mean vs Slug, Sign Corrected



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

Left Out: -1451.370+/-322.352 χ^2/NDF : 30.9/11

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

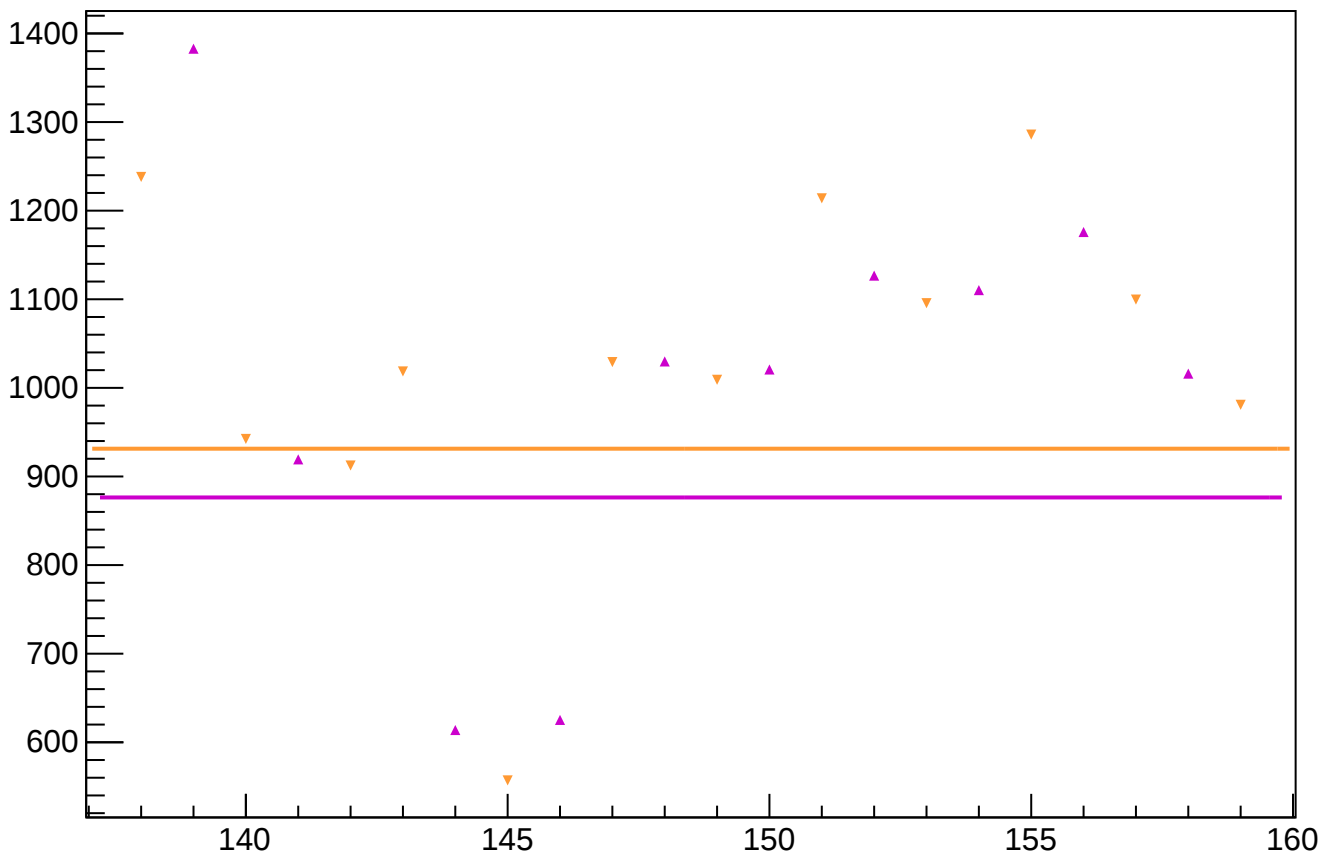
Left In: 189.102+/-319.360 χ^2/NDF : 6.6/9

-1451.370+/-322.352 χ^2/NDF : 30.9/11

-623.487+/-226.872 χ^2/NDF : 50.6/21

189.102+/-319.360 χ^2/NDF : 6.6/9

asym_sam3_correction_rms vs Slug, Sign Corrected



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

Left Out: 931.350+/-0.228 χ^2/NDF :1084842.6/11

931.350+/-0.228 χ^2/NDF : 1084842.6/11

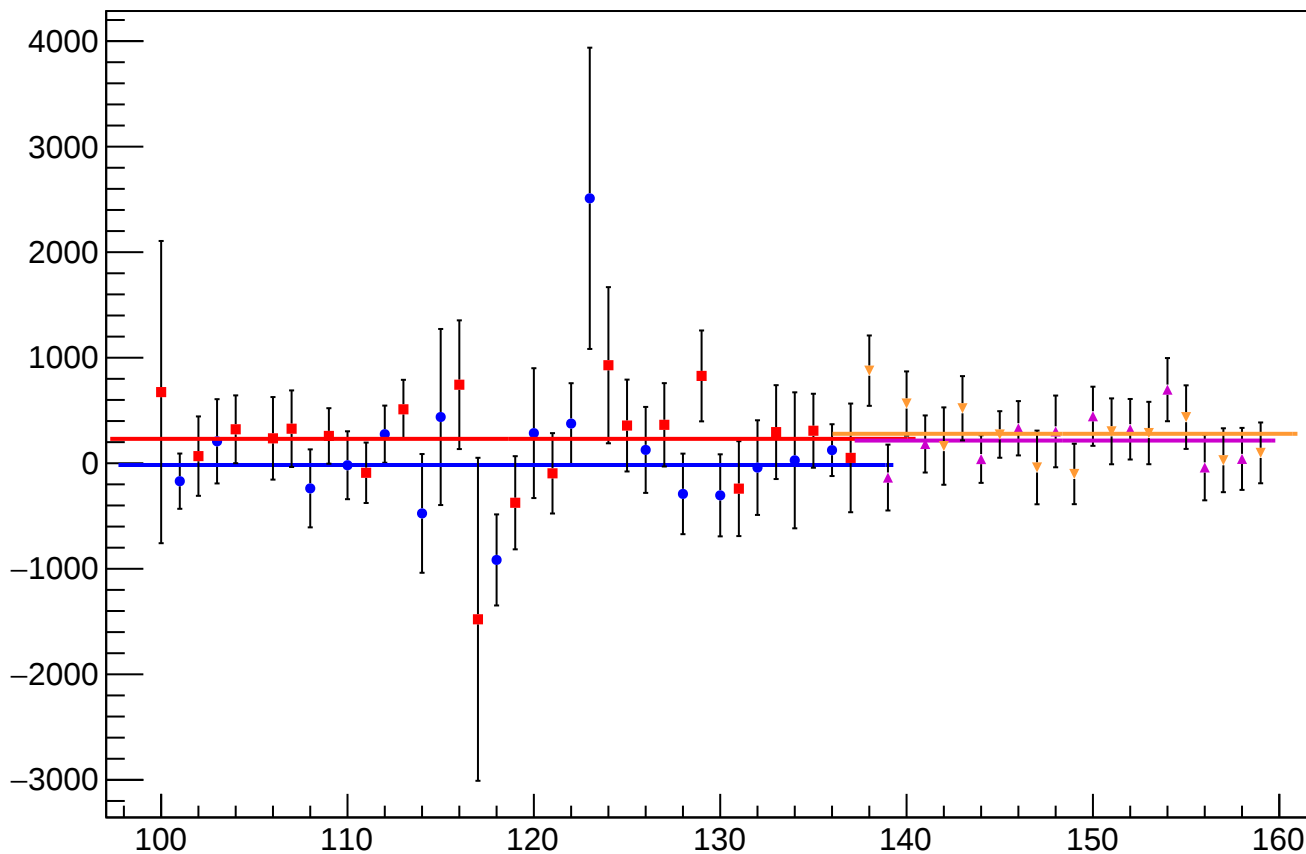
903.576+/-0.160 χ^2/NDF : 2219549.1/21

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

876.316+/-0.226 χ^2/NDF : 1105287.0/9

Left In: 876.316+/-0.226 χ^2/NDF :1105287.0/9

reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: -16.459 ± 93.285 χ^2/NDF : 13.4/16

Left Out: 279.095 ± 86.174 χ^2/NDF : 8.8/11

Right Out: 231.209 ± 88.787 χ^2/NDF : 11.6/19

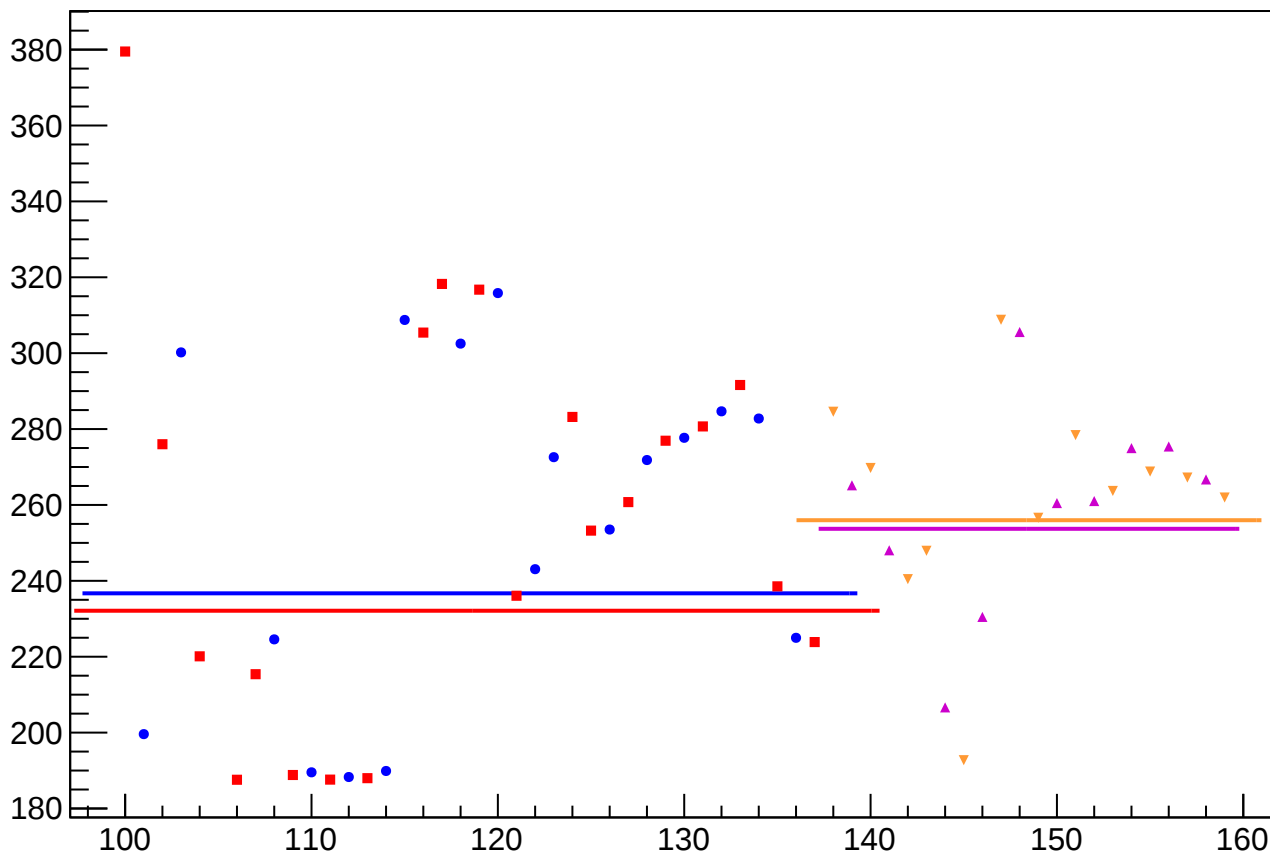
Left In: 215.035 ± 89.329 χ^2/NDF : 6.6/9

143.010 ± 63.299 χ^2/NDF : 27.7/28

183.297 ± 44.643 χ^2/NDF : 46.6/58

223.171 ± 62.973 χ^2/NDF : 18.2/29

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 236.706+/-0.066 χ^2/NDF : 390344.9/16

Left Out: 255.977+/-0.061 χ^2/NDF : 252949.6/11

Right Out: 232.119+/-0.063 χ^2/NDF : 449633.1/19

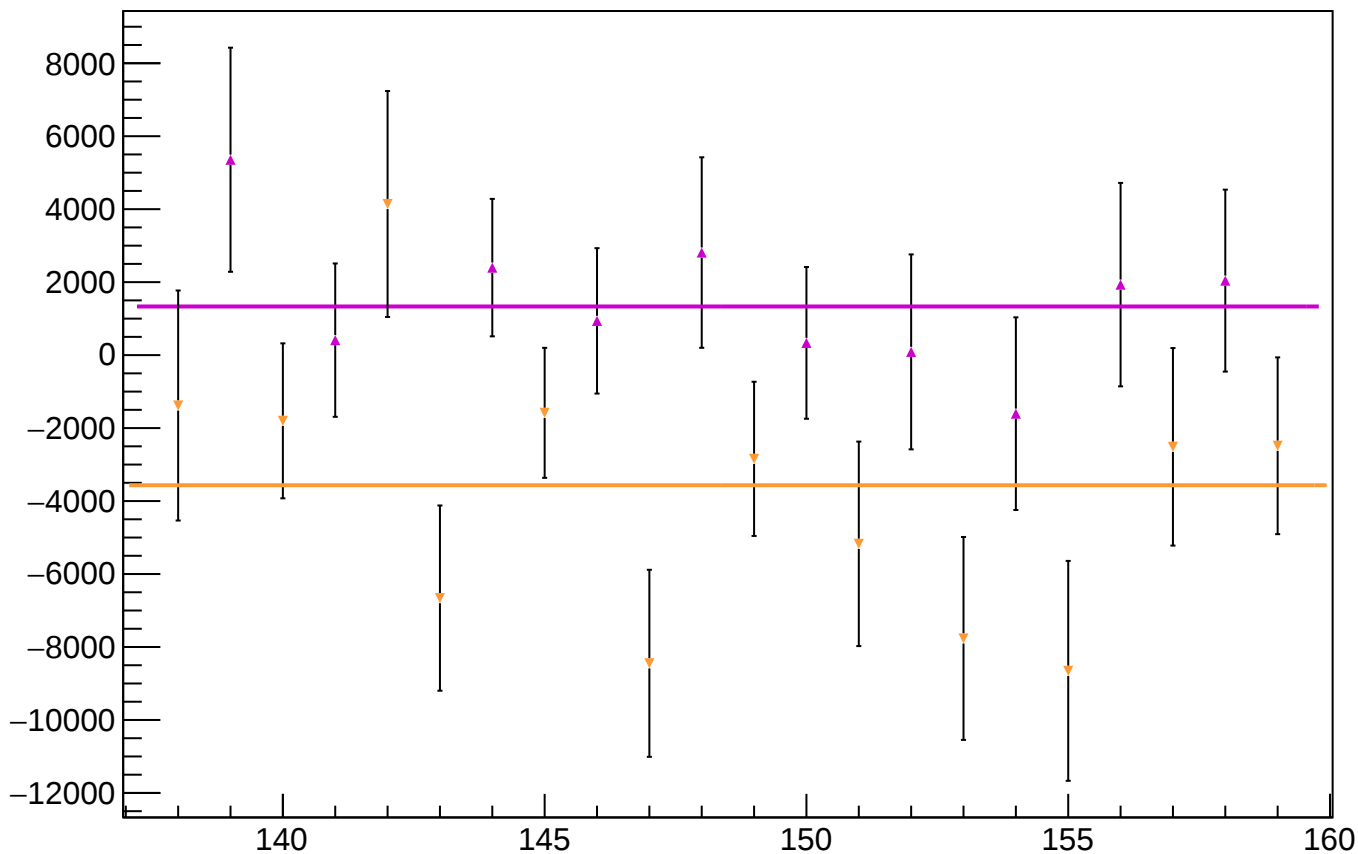
Left In: 253.710+/-0.063 χ^2/NDF : 179766.7/9

247.104+/-0.045 χ^2/NDF : 689344.8/28

244.965+/-0.032 χ^2/NDF : 1382060.2/58

242.849+/-0.045 χ^2/NDF : 688173.6/29

asym_sam4_correction_mean vs Slug, Sign Corrected



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

Left Out: -3566.579+/-716.739 χ^2/NDF : 19.6/11

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

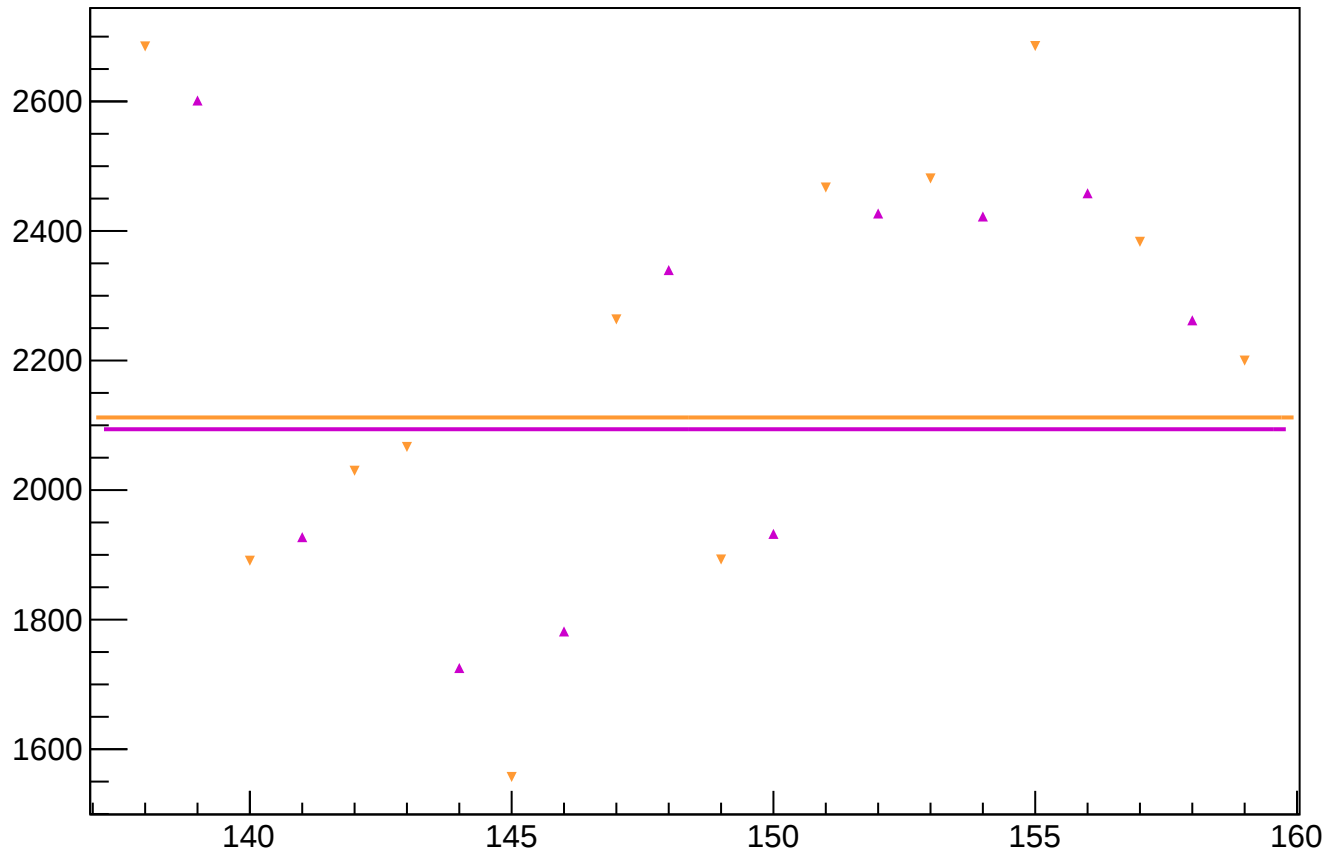
Left In: 1332.764+/-741.850 χ^2/NDF : 4.4/9

-3566.579+/-716.739 χ^2/NDF : 19.6/11

-1201.230+/-515.460 χ^2/NDF : 46.6/21

1332.764+/-741.850 χ^2/NDF : 4.4/9

asym_sam4_correction_rms vs Slug, Sign Corrected



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

Left Out: 2112.127+/-0.507 χ^2/NDF : 474749.6/11

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

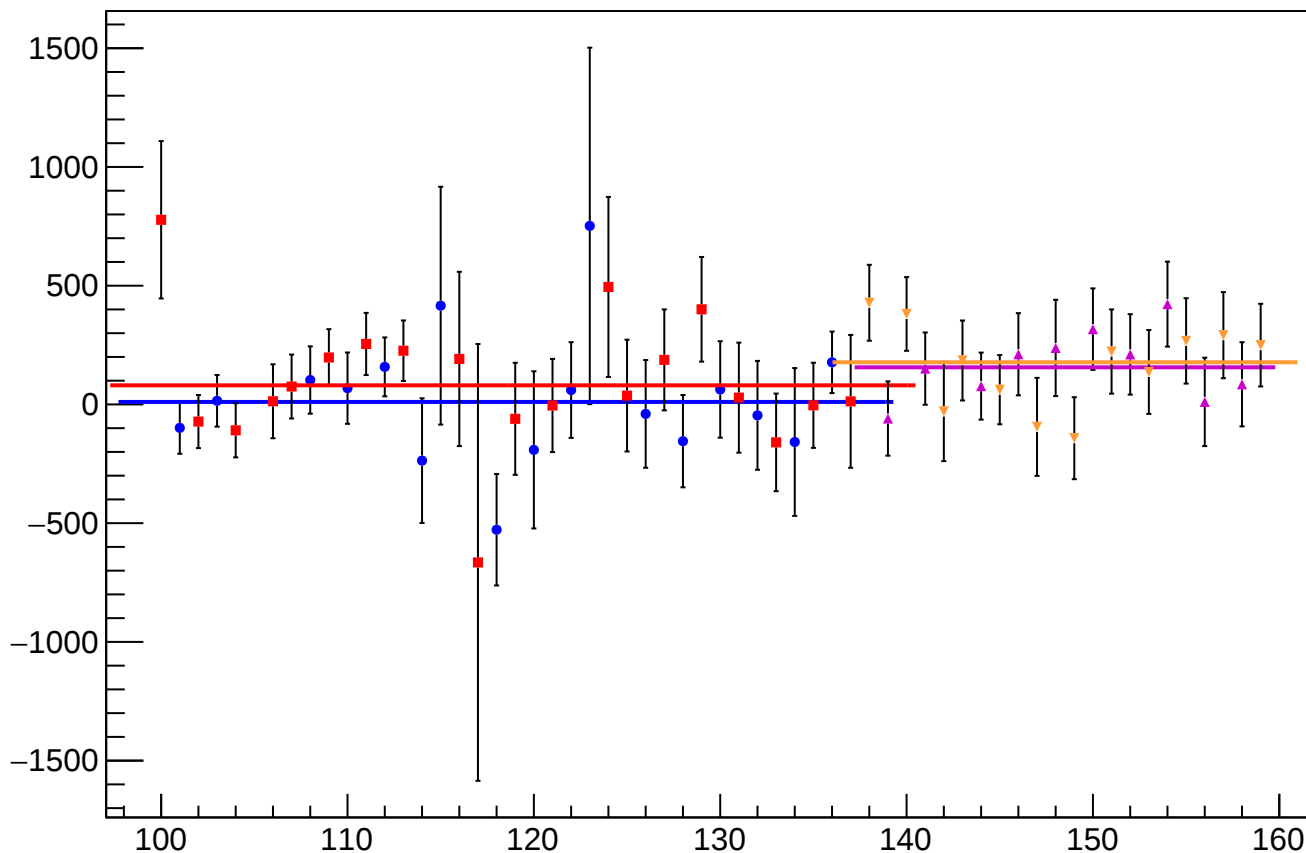
Left In: 2093.934+/-0.525 χ^2/NDF : 327859.6/9

2112.127+/-0.507 χ^2/NDF : 474749.6/11

2103.344+/-0.364 χ^2/NDF : 803231.3/21

2093.934+/-0.525 χ^2/NDF : 327859.6/9

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: 10.530+/-42.294 χ^2/NDF : 14.1/16

Left Out: 177.557+/-49.927 χ^2/NDF : 11.9/11

Right Out: 80.462+/-38.950 χ^2/NDF : 19.9/19

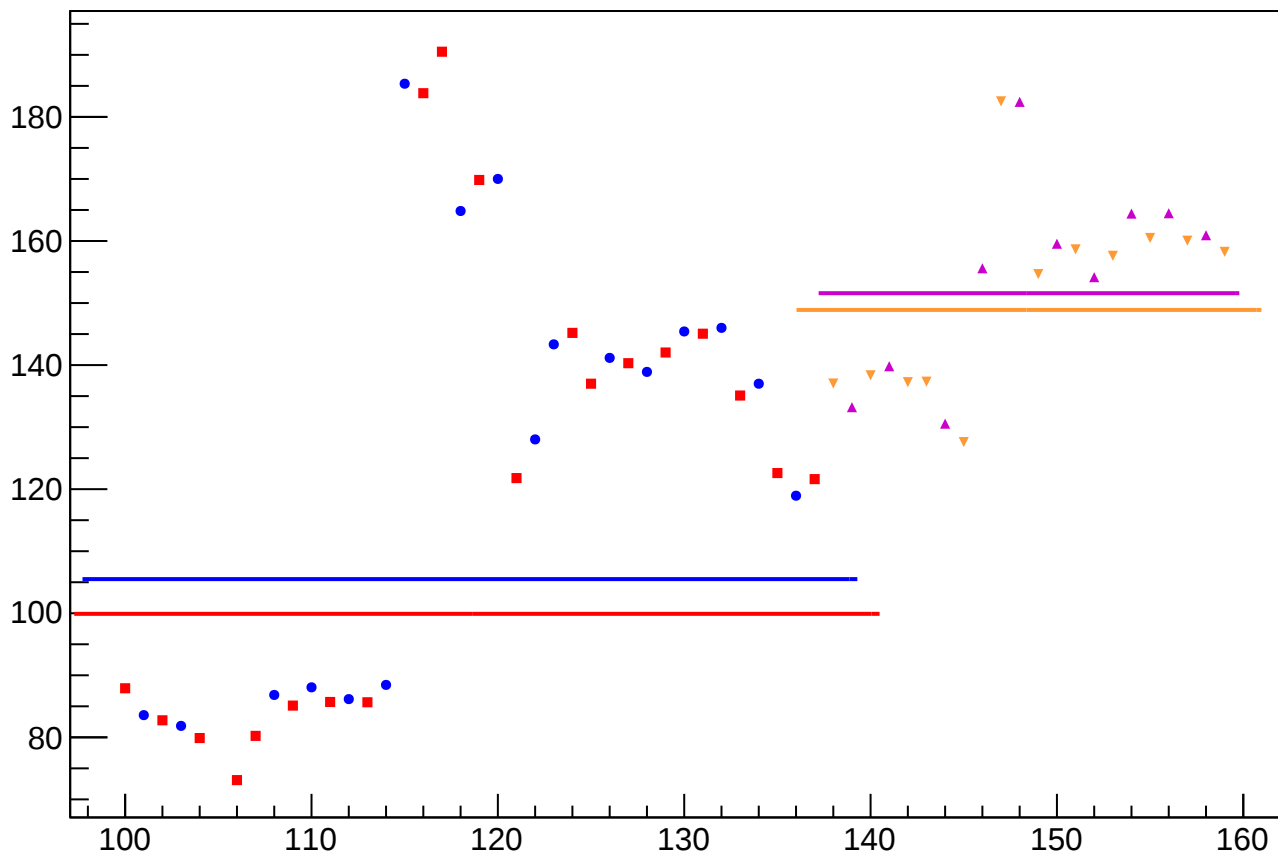
Left In: 156.261+/-53.245 χ^2/NDF : 6.4/9

80.314+/-32.271 χ^2/NDF : 32.5/28

93.947+/-22.518 χ^2/NDF : 60.4/58

106.884+/-31.437 χ^2/NDF : 27.6/29

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 105.503±/-0.030 χ^2/NDF : 869022.6/16

Left Out: 148.893±/-0.035 χ^2/NDF : 166571.4/11

Right Out: 99.907±/-0.028 χ^2/NDF : 1019545.3/19

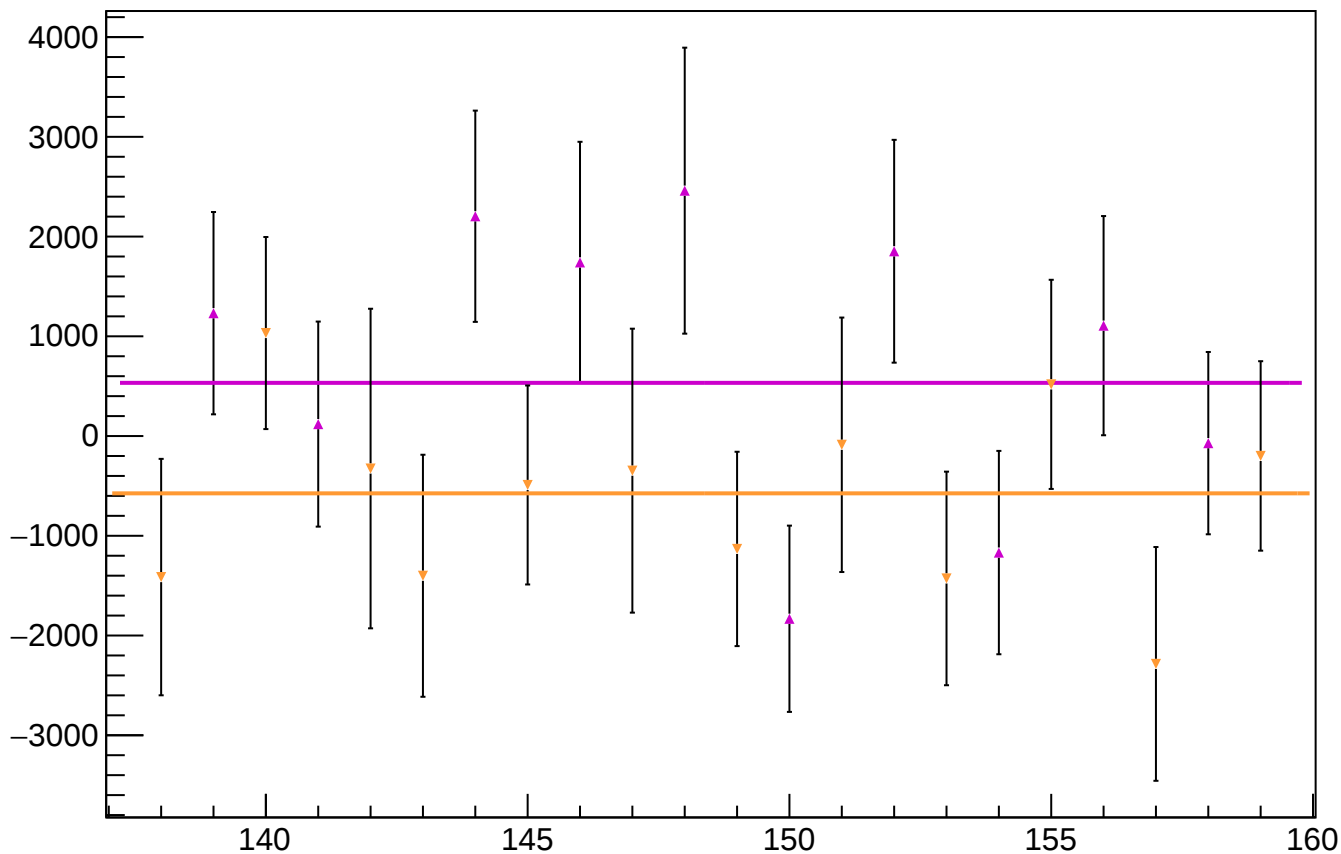
Left In: 151.590±/-0.038 χ^2/NDF : 161514.6/9

123.631±/-0.023 χ^2/NDF : 1915056.5/28

120.702±/-0.016 χ^2/NDF : 4355718.8/58

117.923±/-0.022 χ^2/NDF : 2408554.4/29

asym_sam5_correction_mean vs Slug, Sign Corrected



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

Left Out: -574.498+/-322.007 χ^2/NDF : 8.3/11

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

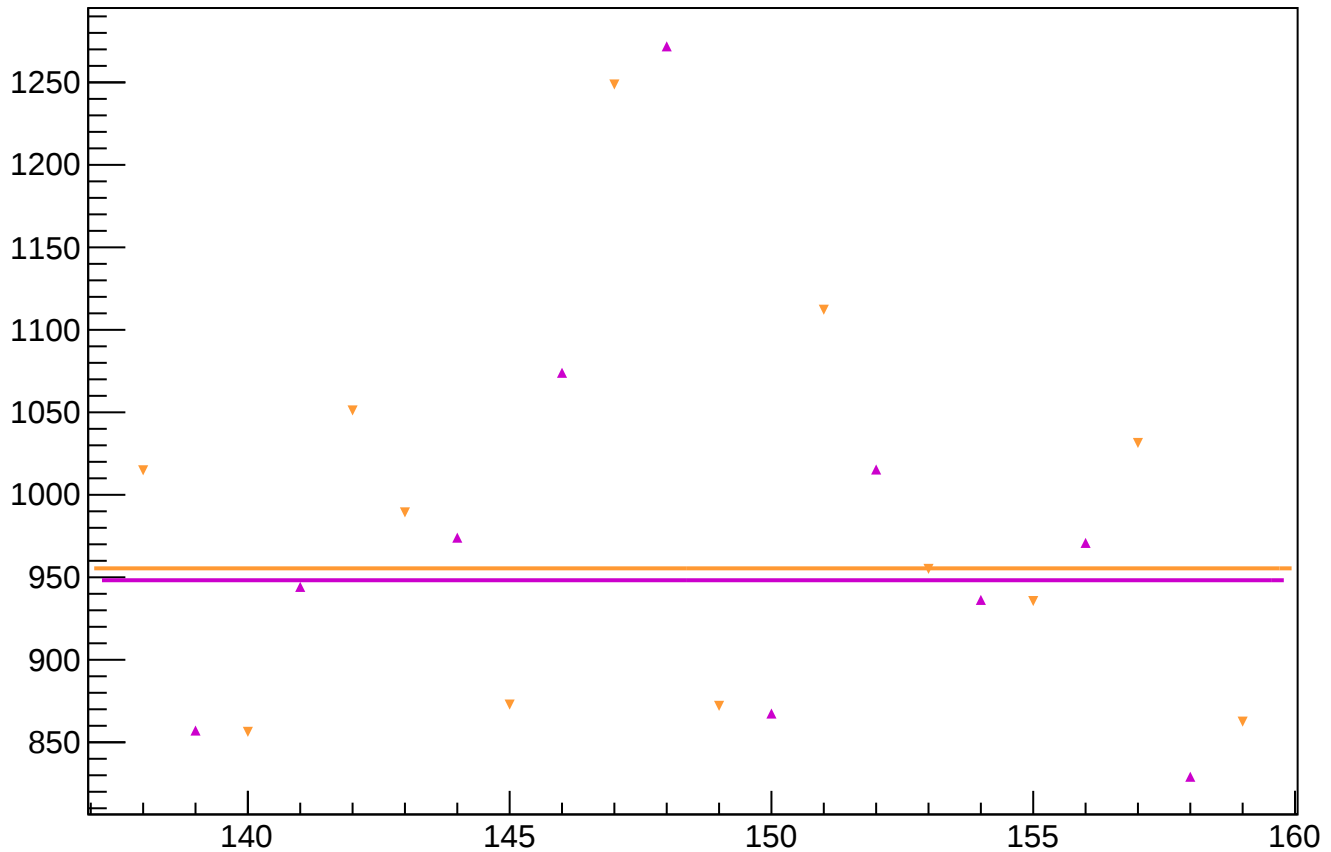
Left In: 533.329+/-334.895 χ^2/NDF : 17.2/9

-574.498+/-322.007 χ^2/NDF : 8.3/11

-42.312+/-232.116 χ^2/NDF : 31.2/21

533.329+/-334.895 χ^2/NDF : 17.2/9

asym_sam5_correction_rms vs Slug, Sign Corrected



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

Left Out: 955.430+/-0.228 χ^2/NDF : 206636.4/11

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

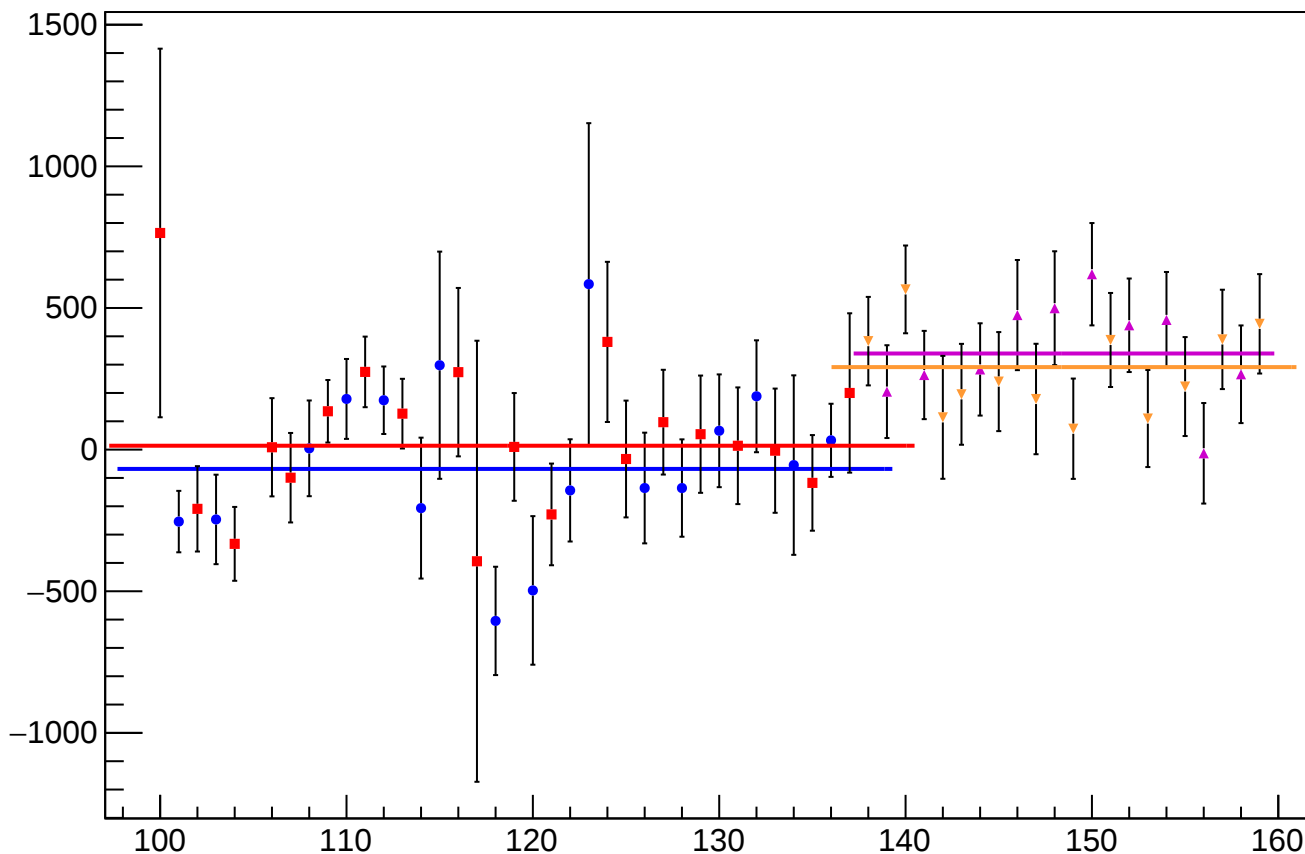
Left In: 948.221+/-0.237 χ^2/NDF : 198184.3/9

955.430+/-0.228 χ^2/NDF : 206636.4/11

951.967+/-0.164 χ^2/NDF : 405302.2/21

948.221+/-0.237 χ^2/NDF : 198184.3/9

reg_asym_sam6_mean vs Slug, Sign Corrected



Right In: -68.111 ± 42.265 $\chi^2/\text{NDF}: 27.8/16$

Left Out: 291.277 ± 50.350 $\chi^2/\text{NDF}: 9.0/11$

Right Out: 13.752 ± 39.416 $\chi^2/\text{NDF}: 23.4/19$

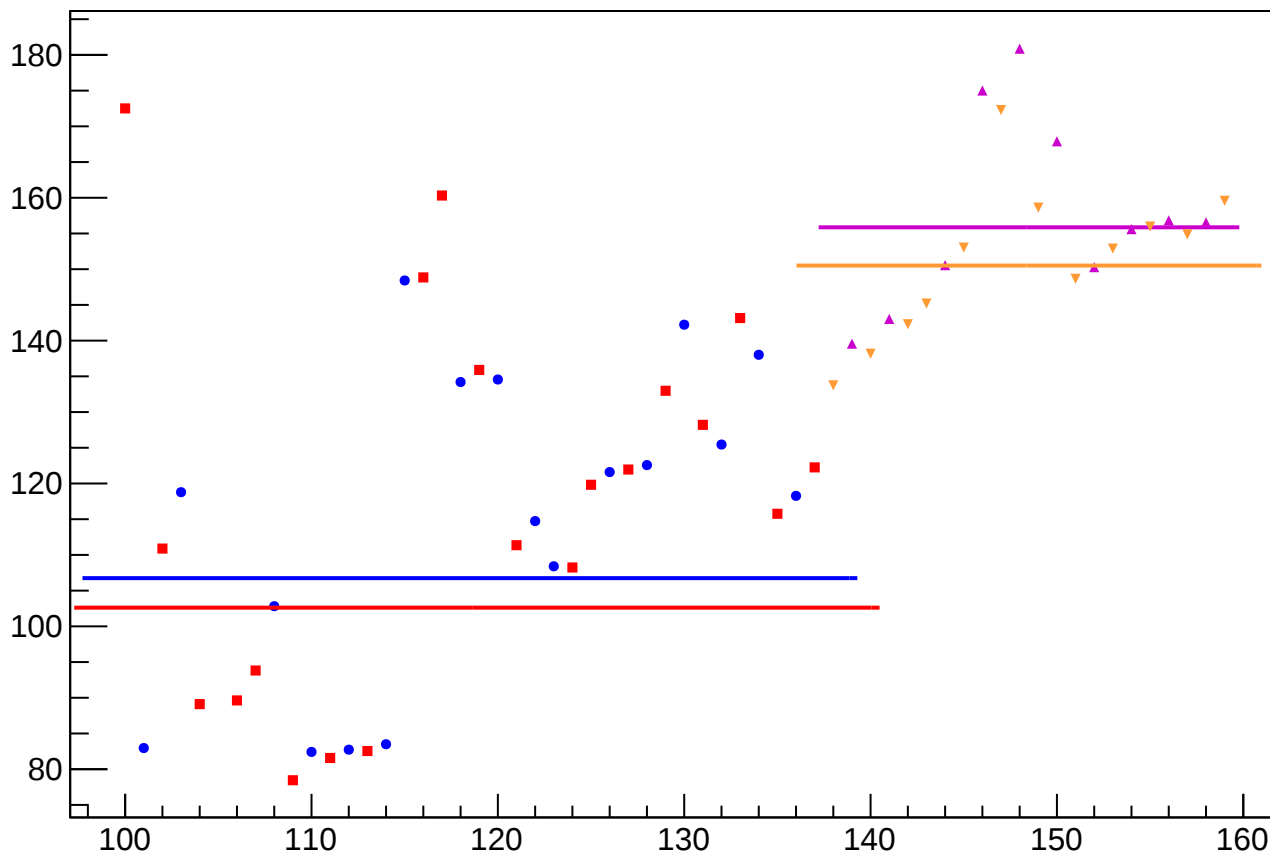
Left In: 339.321 ± 54.638 $\chi^2/\text{NDF}: 9.5/9$

80.448 ± 32.372 $\chi^2/\text{NDF}: 66.8/28$

103.102 ± 22.746 $\chi^2/\text{NDF}: 124.0/58$

125.191 ± 31.966 $\chi^2/\text{NDF}: 56.3/29$

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 106.749 $\pm$ 0.030 χ^2 /NDF: 501742.8/16

Left Out: 150.508 $\pm$ 0.036 χ^2 /NDF: 79135.6/11

Right Out: 102.615 $\pm$ 0.028 χ^2 /NDF: 600357.6/19

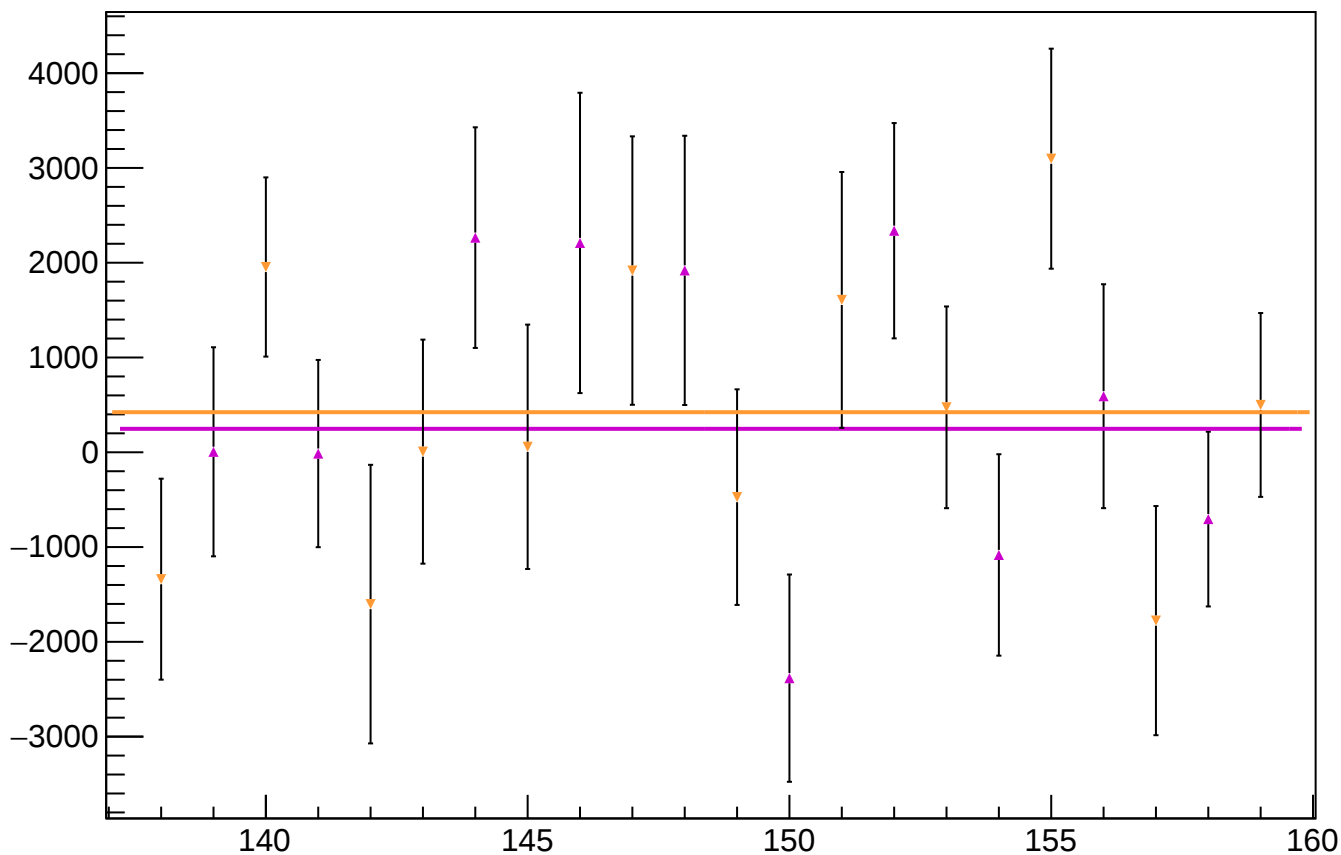
Left In: 155.864 $\pm$ 0.039 χ^2 /NDF: 97073.6/9

124.838 $\pm$ 0.023 χ^2 /NDF: 1467045.2/28

122.815 $\pm$ 0.016 χ^2 /NDF: 3429289.3/58

120.842 $\pm$ 0.023 χ^2 /NDF: 1946815.6/29

asym_sam6_correction_mean vs Slug, Sign Corrected



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

Left Out: 422.996+/-333.665 χ^2/NDF : 18.6/11

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

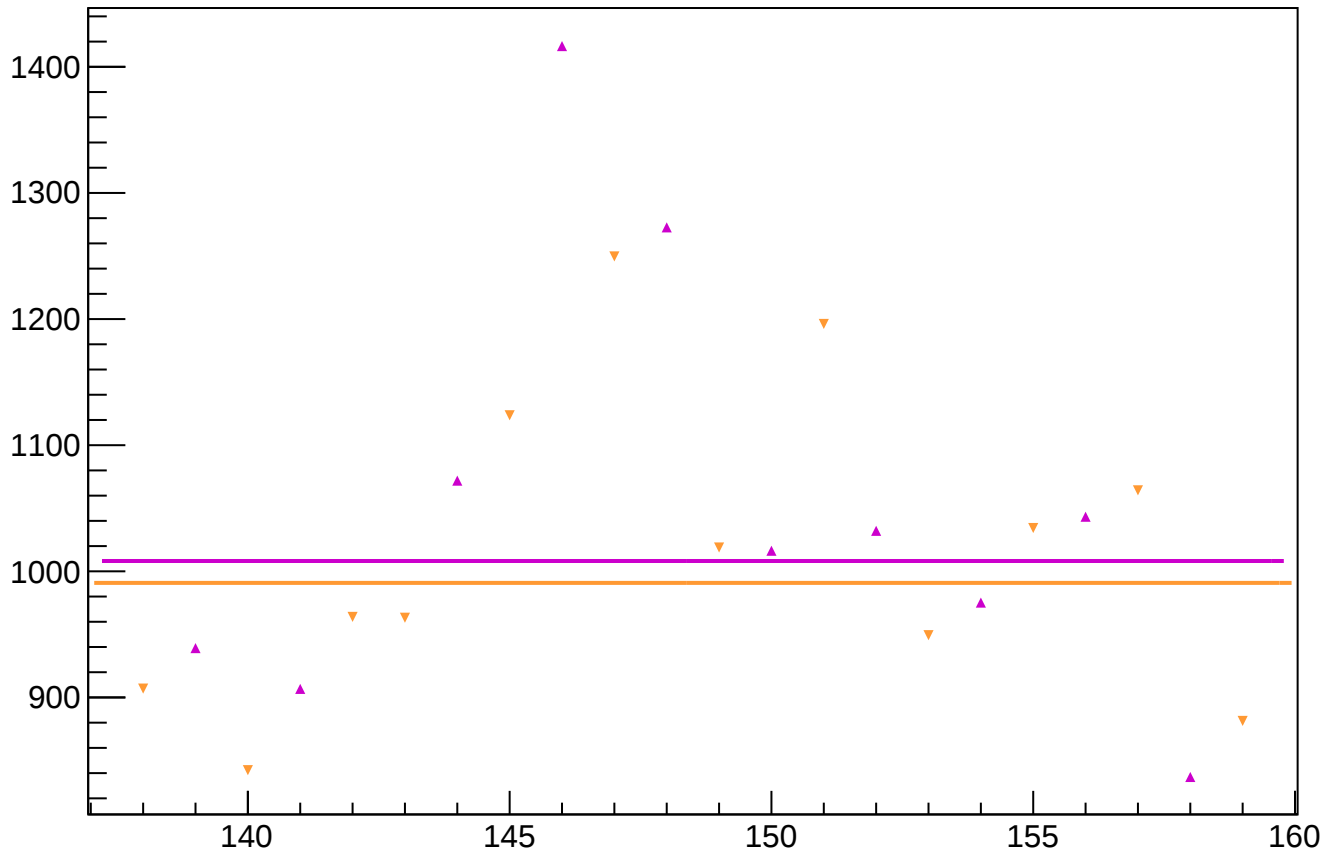
Left In: 247.515+/-356.481 χ^2/NDF : 17.9/9

422.996+/-333.665 χ^2/NDF : 18.6/11

341.051+/-243.603 χ^2/NDF : 36.7/21

247.515+/-356.481 χ^2/NDF : 17.9/9

asym_sam6_correction_rms vs Slug, Sign Corrected



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

Left Out: 990.829+/-0.236 χ^2/NDF : 237859.7/11

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

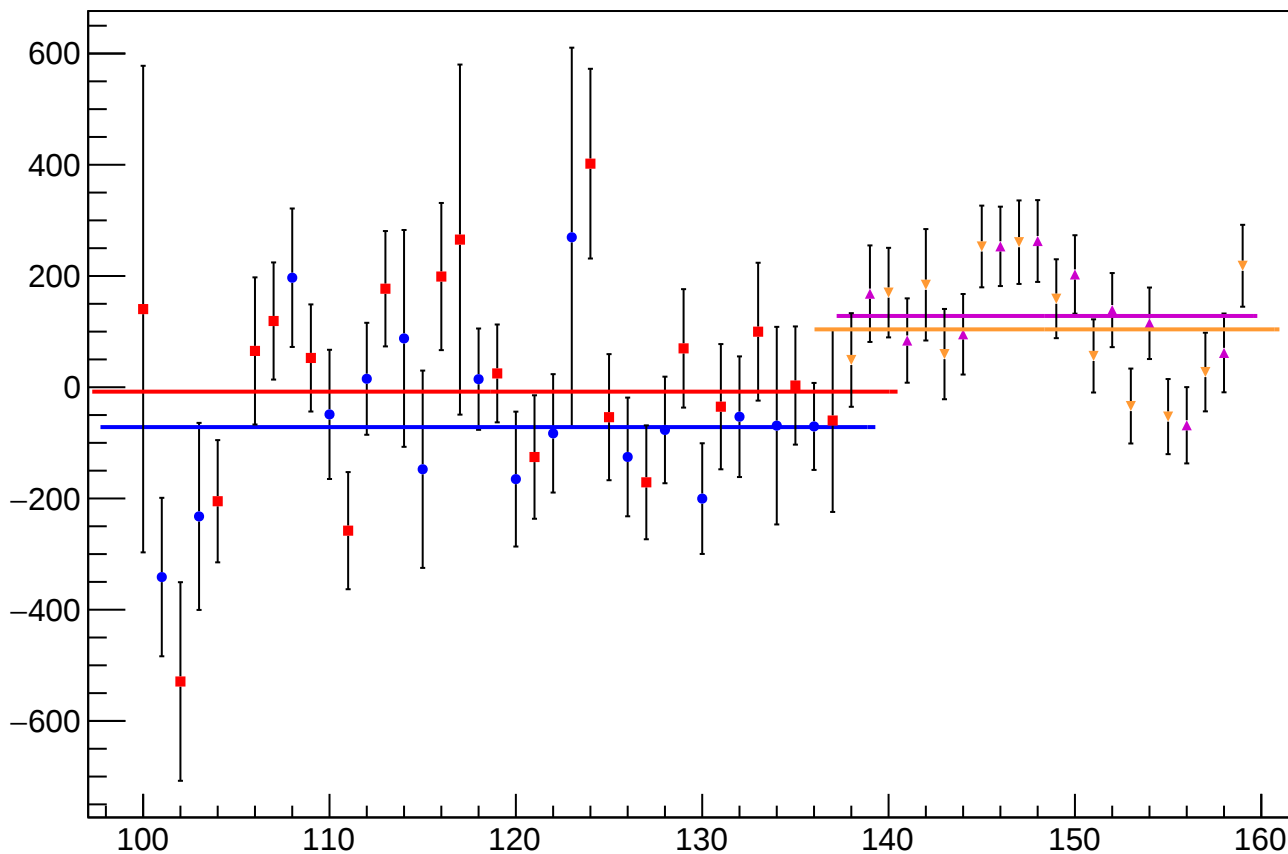
Left In: 1008.186+/-0.252 χ^2/NDF : 310743.0/9

990.829+/-0.236 χ^2/NDF : 237859.7/11

998.935+/-0.172 χ^2/NDF : 551130.1/21

1008.186+/-0.252 χ^2/NDF : 310743.0/9

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: -71.669 $\pm$ 28.358 χ^2/NDF : 15.2/16

Left Out: 104.042 $\pm$ 21.499 χ^2/NDF : 24.8/11

Right Out: -7.933 $\pm$ 26.719 χ^2/NDF : 37.2/19

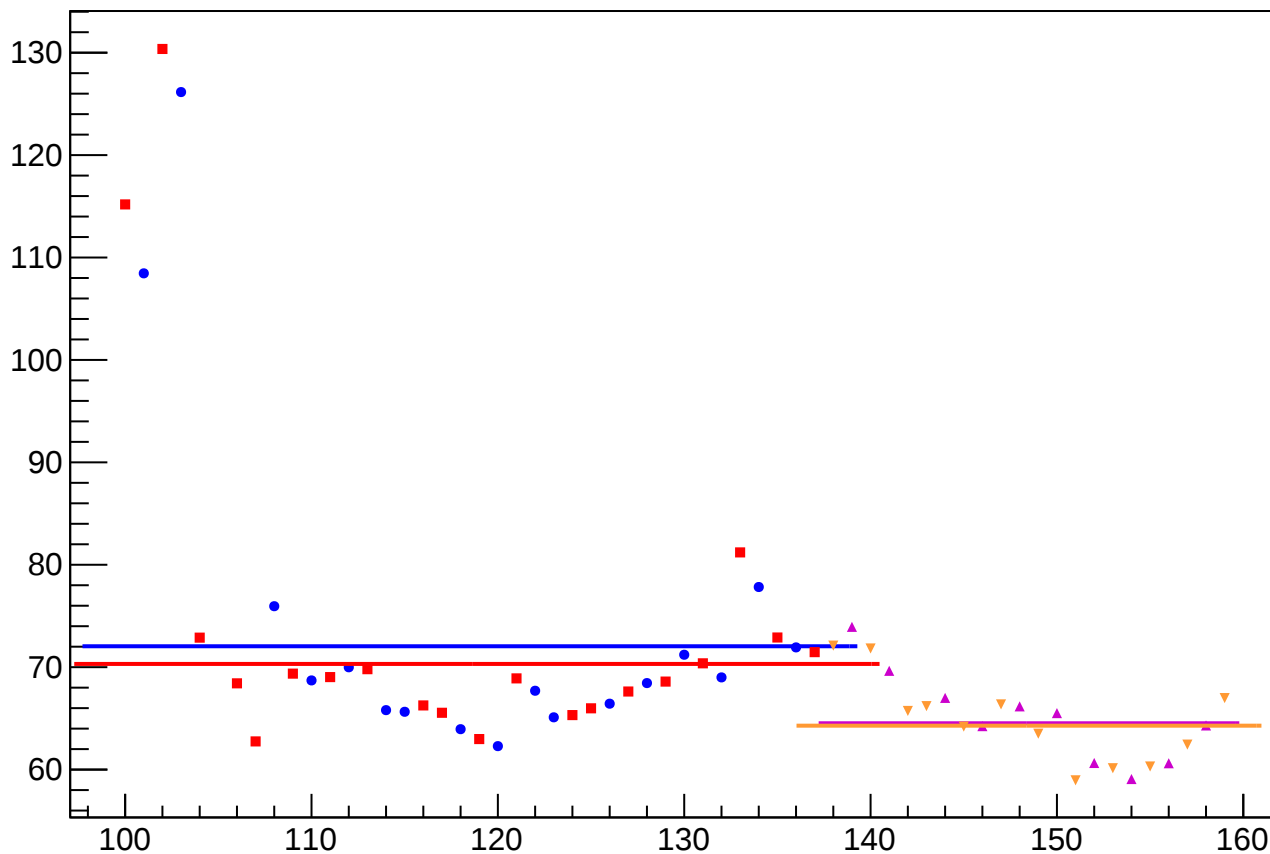
Left In: 128.151 $\pm$ 22.593 χ^2/NDF : 17.5/9

39.911 $\pm$ 17.132 χ^2/NDF : 64.4/28

55.554 $\pm$ 12.157 χ^2/NDF : 135.9/58

71.416 $\pm$ 17.252 χ^2/NDF : 69.8/29

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.042 ± 0.020 χ^2/NDF : 391971.7/16

Left Out: 64.288 ± 0.015 χ^2/NDF : 69850.1/11

Right Out: 70.316 ± 0.019 χ^2/NDF : 299468.0/19

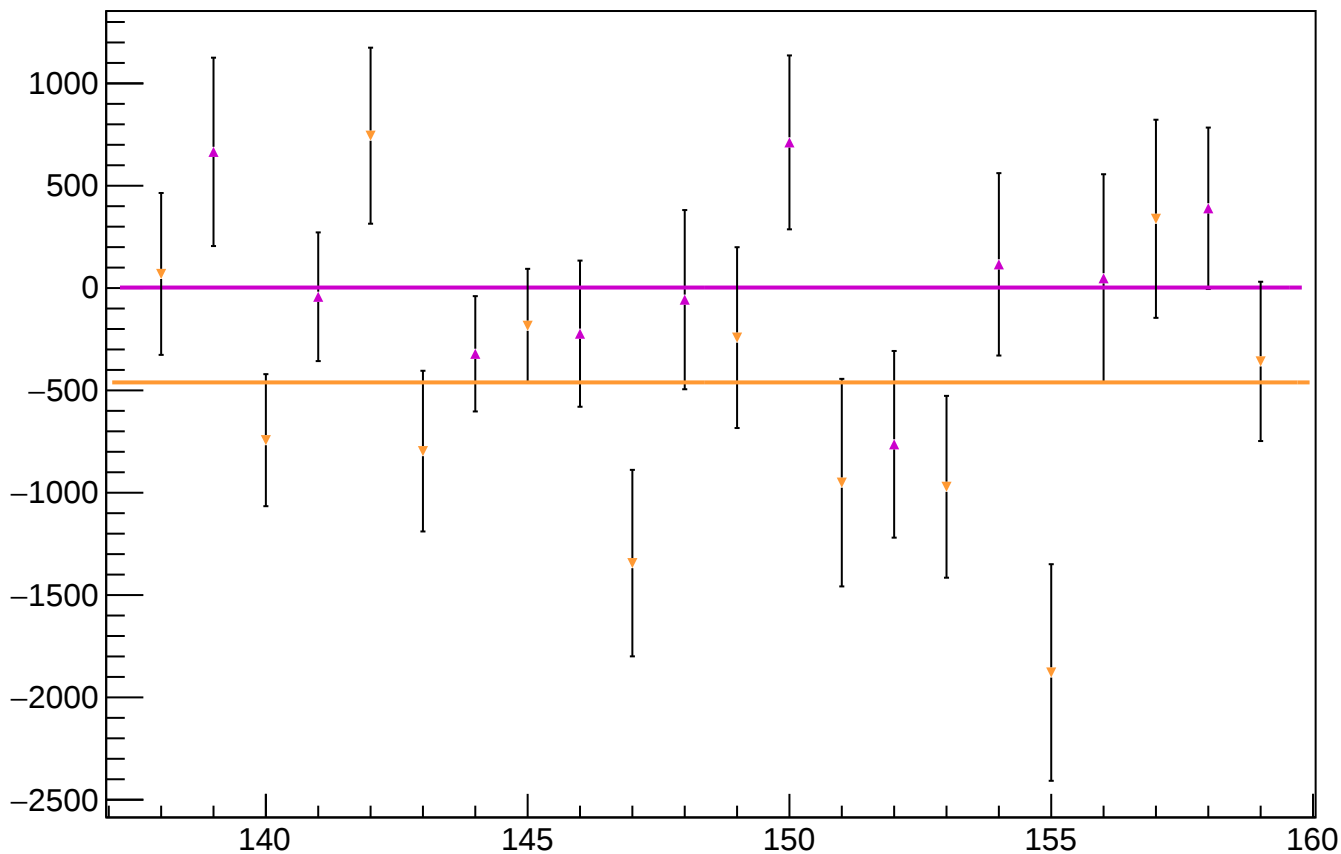
Left In: 64.523 ± 0.016 χ^2/NDF : 64062.8/9

67.118 ± 0.012 χ^2/NDF : 556780.2/28

67.029 ± 0.009 χ^2/NDF : 975253.4/58

66.938 ± 0.012 χ^2/NDF : 418363.2/29

asym_sam7_correction_mean vs Slug, Sign Corrected



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

Left Out: -460.979+/-116.120 χ^2/NDF : 28.4/11

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

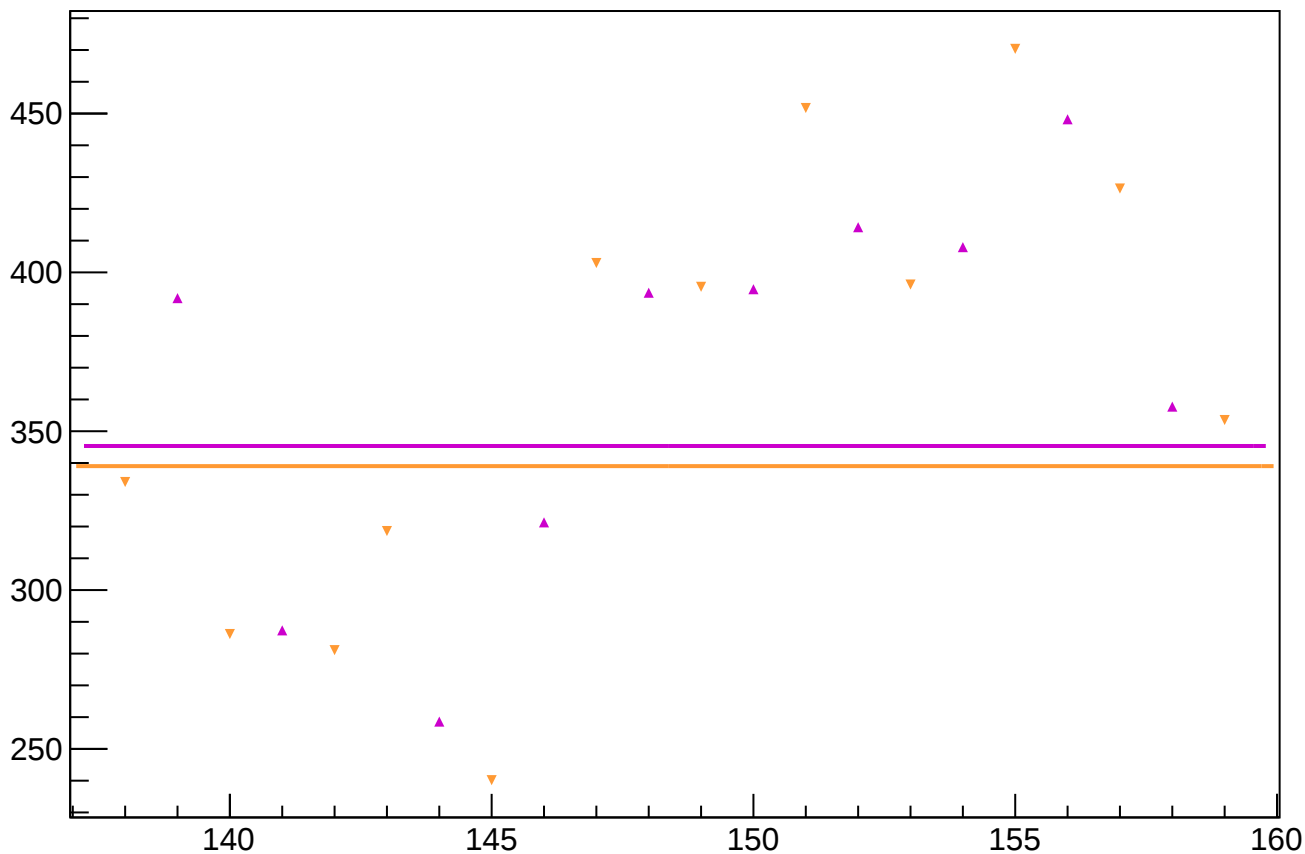
Left In: 2.563+/-122.920 χ^2/NDF : 10.5/9

-460.979+/-116.120 χ^2/NDF : 28.4/11

-242.384+/-84.411 χ^2/NDF : 46.4/21

2.563+/-122.920 χ^2/NDF : 10.5/9

asym_sam7_correction_rms vs Slug, Sign Corrected



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

Left Out: 339.014+/-0.082 χ^2/NDF : 743508.6/11

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

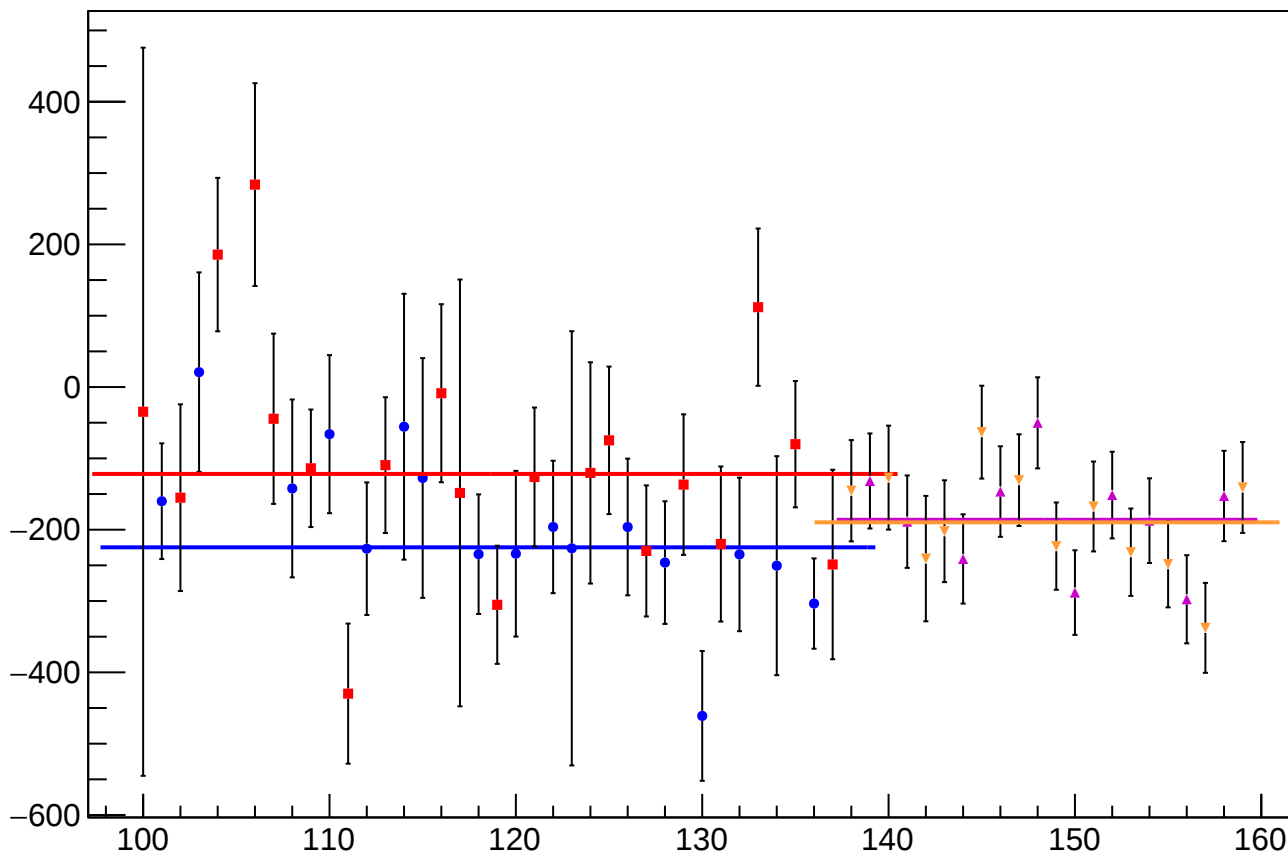
Left In: 345.352+/-0.087 χ^2/NDF : 507518.7/9

339.014+/-0.082 χ^2/NDF : 743508.6/11

342.003+/-0.060 χ^2/NDF : 1253837.3/21

345.352+/-0.087 χ^2/NDF : 507518.7/9

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -224.727 ± 24.880 χ^2/NDF : 16.0/16

Left Out: -189.650 ± 19.085 χ^2/NDF : 14.0/11

Right Out: -121.814 ± 24.516 χ^2/NDF : 40.5/19

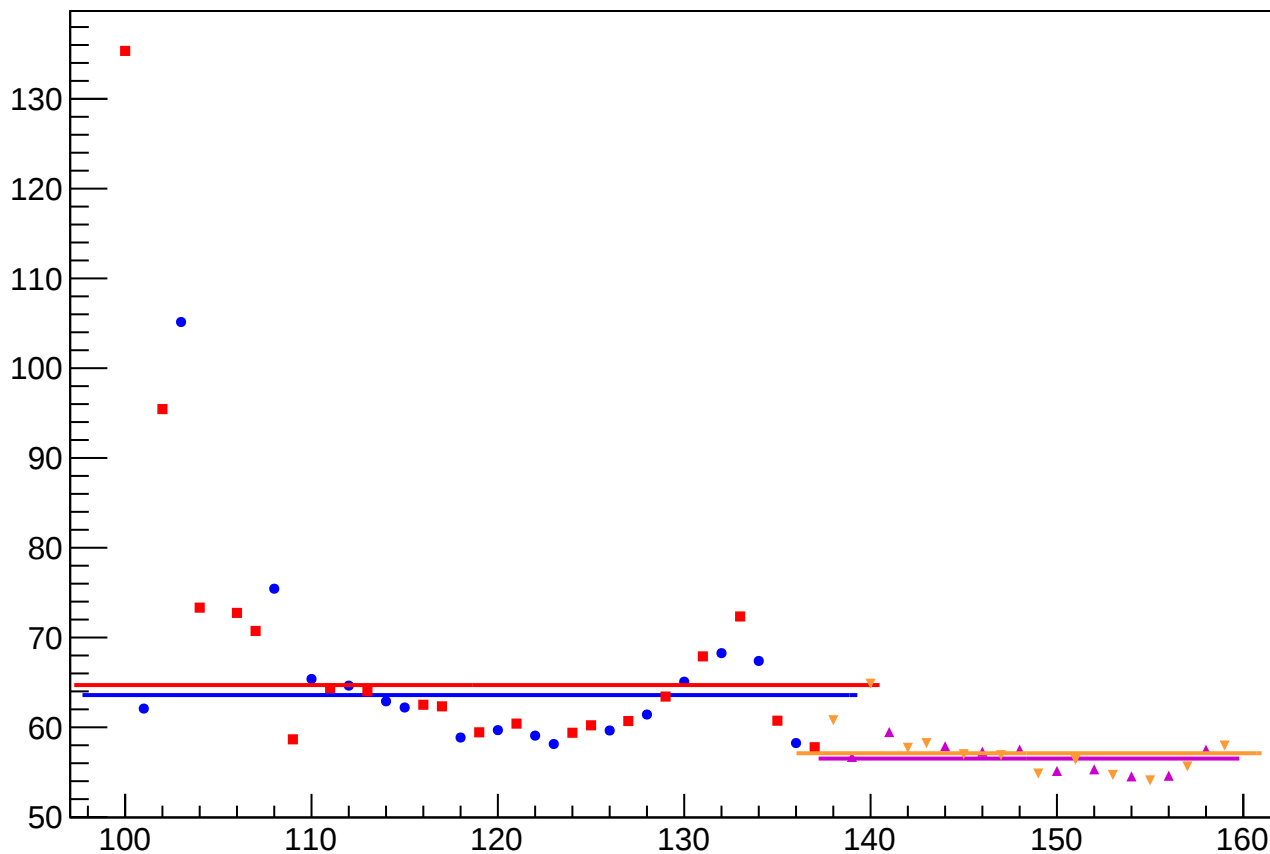
Left In: -186.135 ± 19.754 χ^2/NDF : 13.2/9

-202.644 ± 15.143 χ^2/NDF : 31.3/28

-182.057 ± 10.791 χ^2/NDF : 92.9/58

-160.815 ± 15.382 χ^2/NDF : 57.8/29

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 63.589 ± 0.018 $\chi^2/\text{NDF}: 234601.0/16$

Left Out: 57.110 ± 0.013 $\chi^2/\text{NDF}: 41068.8/11$

Right Out: 64.704 ± 0.017 $\chi^2/\text{NDF}: 227632.6/19$

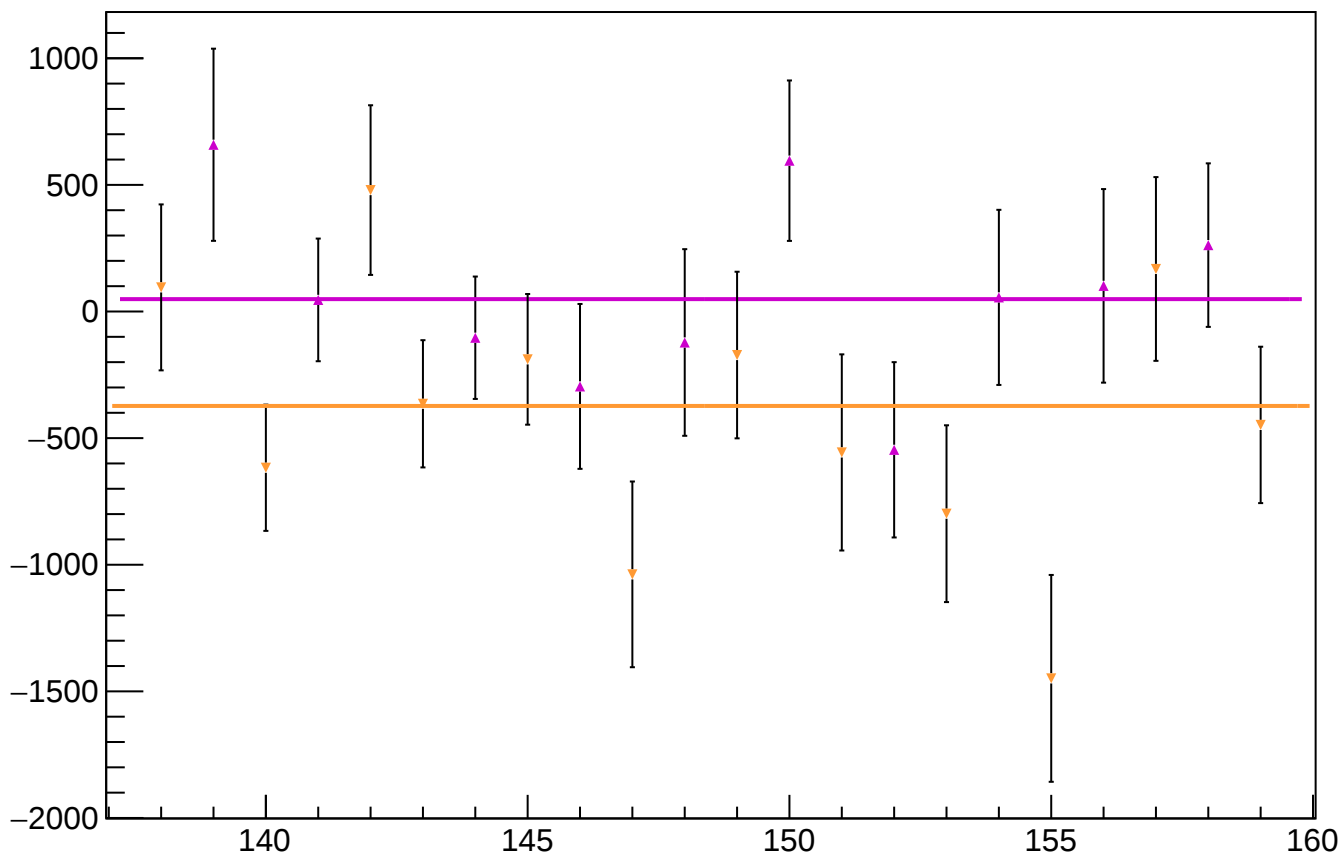
Left In: 56.518 ± 0.014 $\chi^2/\text{NDF}: 12419.8/9$

59.510 ± 0.011 $\chi^2/\text{NDF}: 361046.3/28$

59.623 ± 0.008 $\chi^2/\text{NDF}: 736544.0/58$

59.740 ± 0.011 $\chi^2/\text{NDF}: 375270.8/29$

asym_sam8_correction_mean vs Slug, Sign Corrected



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

Left Out: -372.922+/-90.980 χ^2/NDF : 24.6/11

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

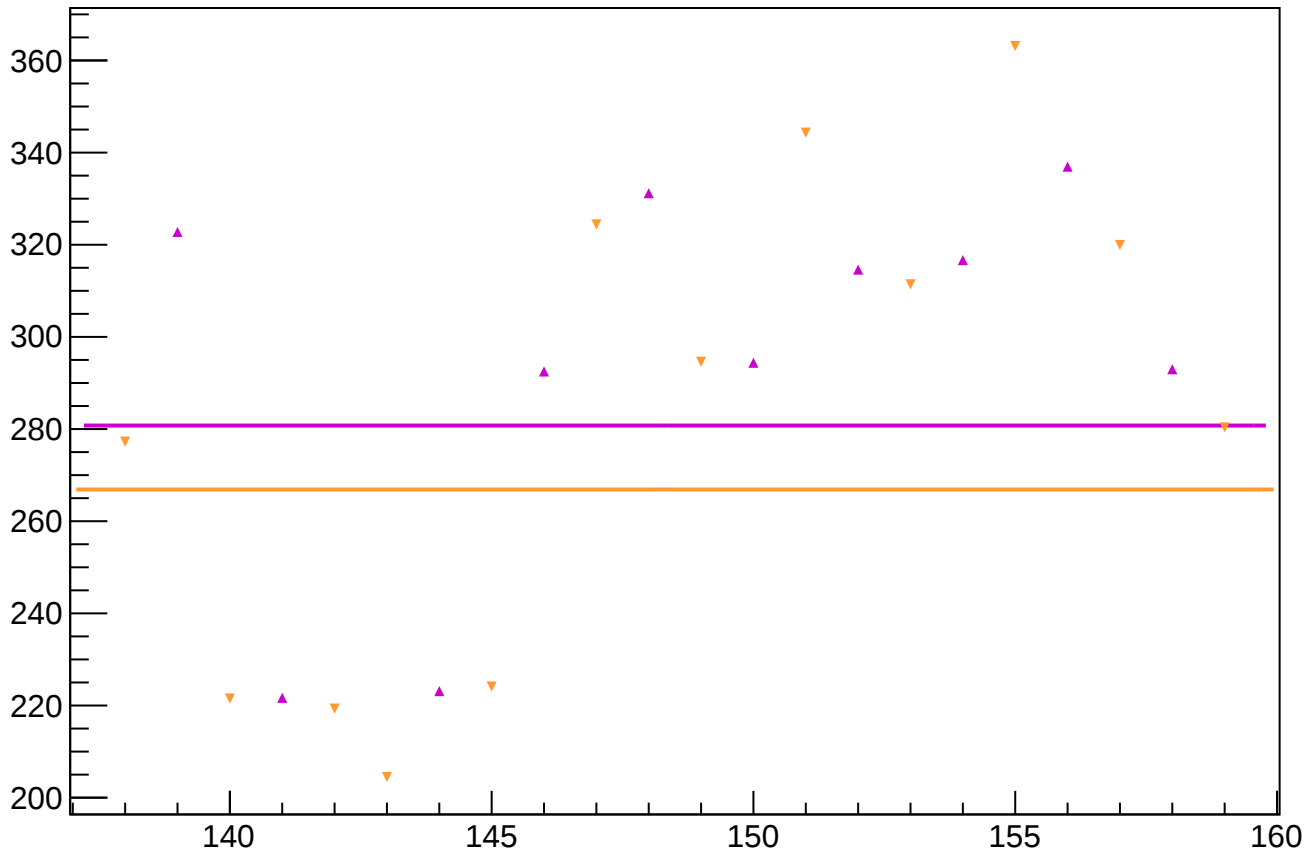
Left In: 48.898+/-99.488 χ^2/NDF : 10.7/9

-372.922+/-90.980 χ^2/NDF : 24.6/11

-180.818+/-67.139 χ^2/NDF : 45.1/21

48.898+/-99.488 χ^2/NDF : 10.7/9

asym_sam8_correction_rms vs Slug, Sign Corrected



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

Left Out: 266.881 ± 0.064 χ^2/NDF : 620477.0/11

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

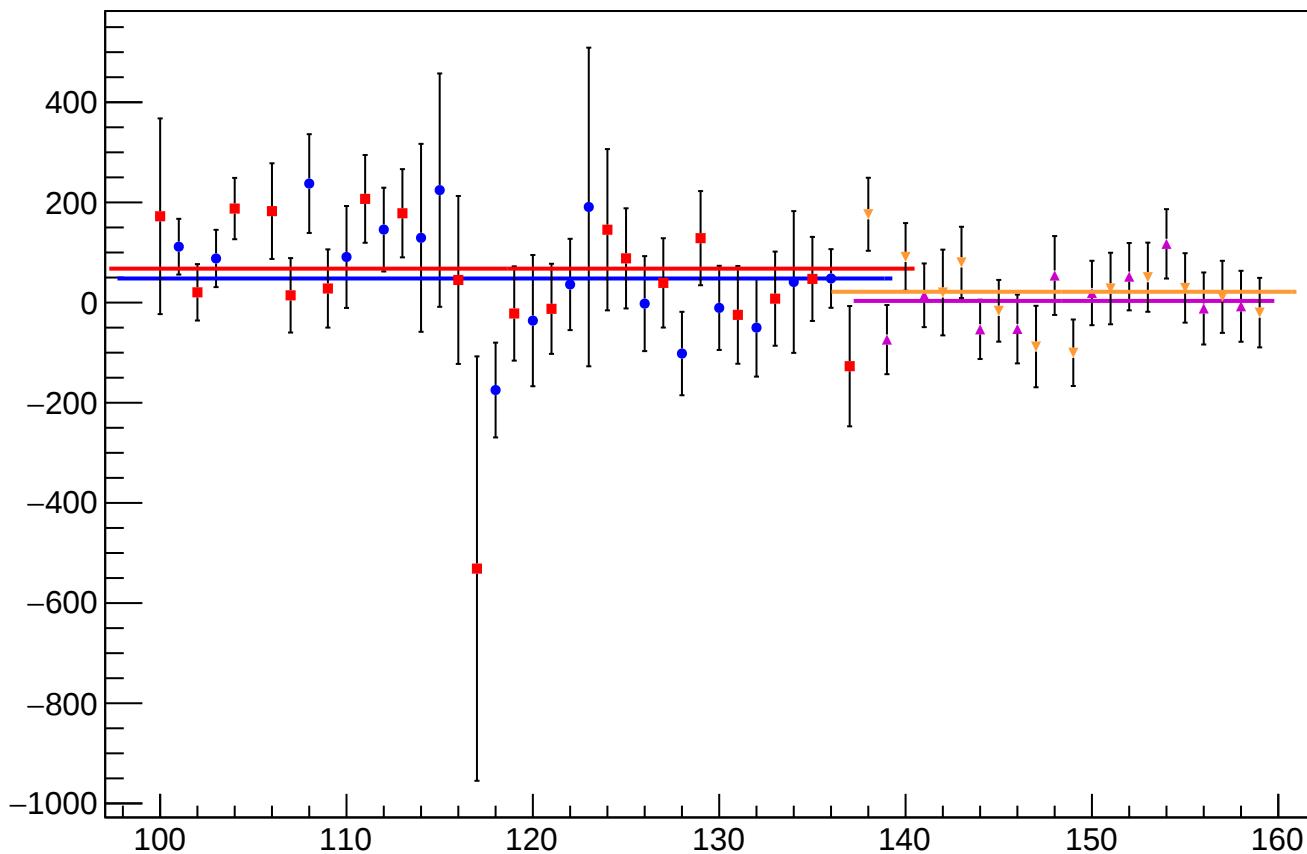
Left In: 280.762 ± 0.070 χ^2/NDF : 387842.9/9

266.881 ± 0.064 χ^2/NDF : 620477.0/11

273.203 ± 0.047 χ^2/NDF : 1029523.3/21

280.762 ± 0.070 χ^2/NDF : 387842.9/9

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 48.109 $\pm$ 21.510 χ^2 /NDF: 19.0/16

Left Out: 21.584 $\pm$ 20.424 χ^2 /NDF:12.4/11

Right Out: 67.767 $\pm$ 20.383 χ^2 /NDF: 19.7/19

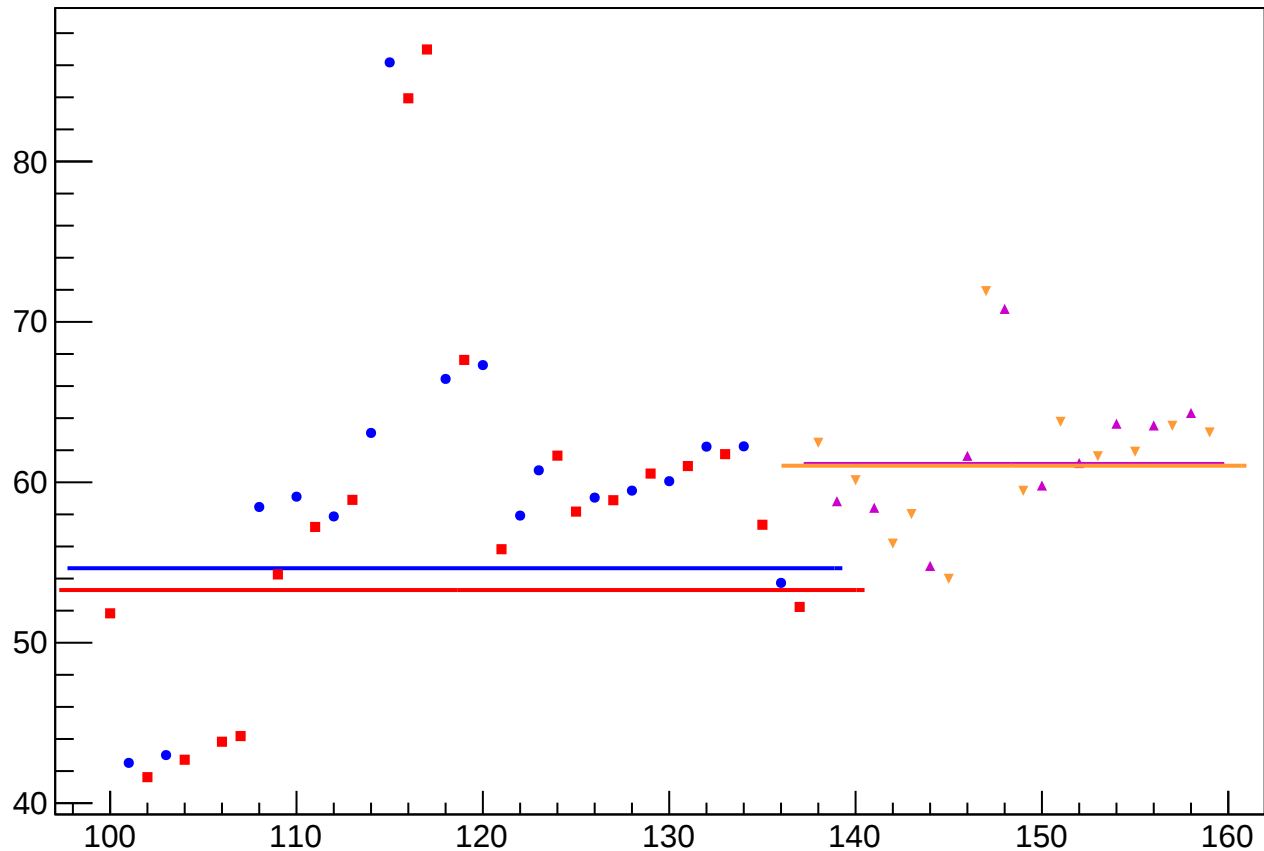
Left In: 3.303 $\pm$ 21.421 χ^2 /NDF:6.6/9

34.160 $\pm$ 14.811 χ^2 /NDF: 32.2/28

35.651 $\pm$ 10.457 χ^2 /NDF: 63.2/58

37.134 $\pm$ 14.766 χ^2 /NDF: 31.0/29

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 54.645 $\pm$ 0.015 χ^2 /NDF: 319300.2/16

Left Out: 61.035 $\pm$ 0.014 χ^2 /NDF: 81816.5/11

Right Out: 53.285 $\pm$ 0.014 χ^2 /NDF: 398973.0/19

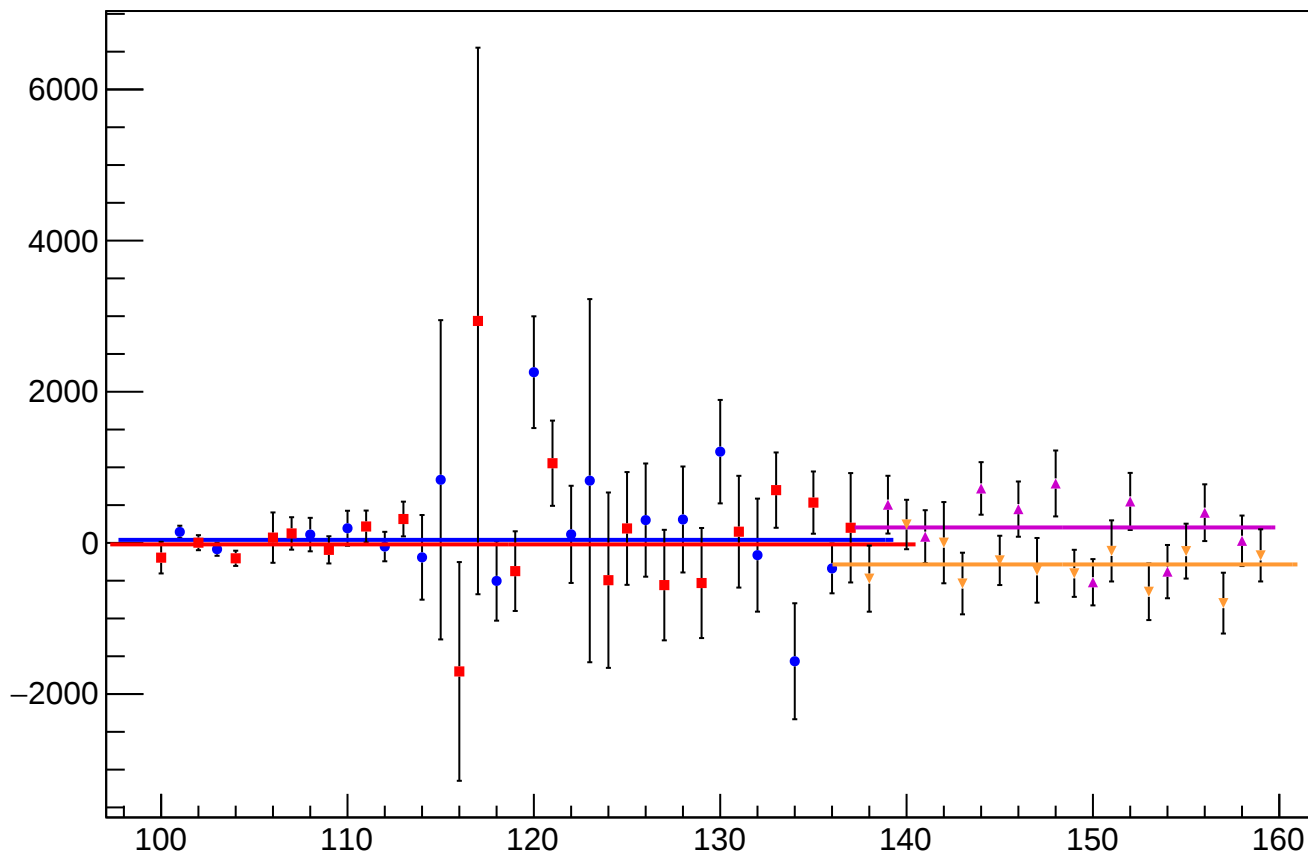
Left In: 61.144 $\pm$ 0.015 χ^2 /NDF: 68999.2/9

58.005 $\pm$ 0.010 χ^2 /NDF: 493944.0/28

57.511 $\pm$ 0.007 χ^2 /NDF: 1107630.9/58

57.019 $\pm$ 0.010 χ^2 /NDF: 609241.9/29

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 40.207+/-51.542 χ^2/NDF : 23.9/16

Left Out: -284.928+/-108.699 χ^2/NDF : 6.8/11

Right Out: -19.590+/-53.268 χ^2/NDF : 19.6/19

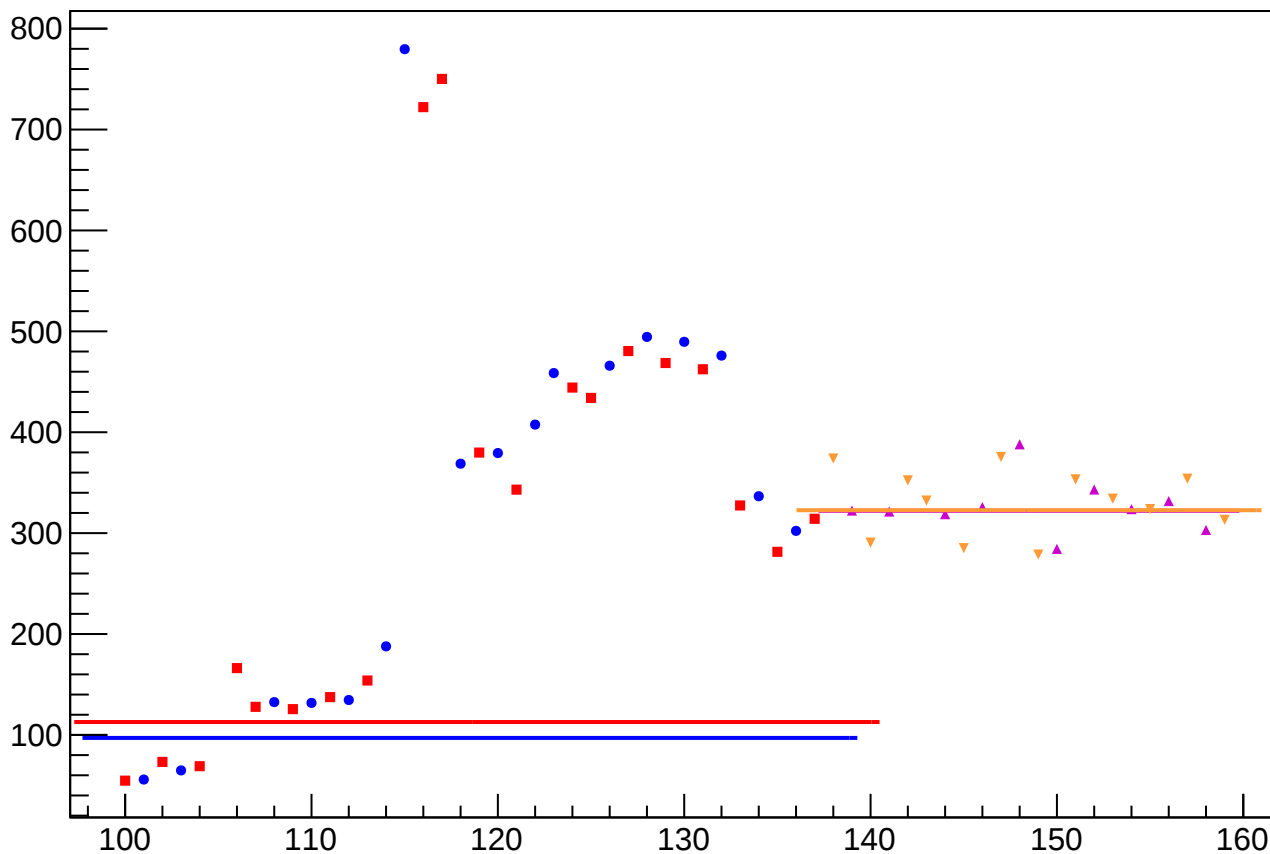
Left In: 204.512+/-113.380 χ^2/NDF : 14.9/9

-19.478+/-46.572 χ^2/NDF : 37.9/28

0.028+/-33.496 χ^2/NDF : 76.0/58

20.932+/-48.212 χ^2/NDF : 37.7/29

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 97.039+/-0.036 χ^2/NDF : 5819709.2/16

Left Out: 322.706+/-0.077 χ^2/NDF : 177784.8/11

Right Out: 112.792+/-0.038 χ^2/NDF : 5098459.2/19

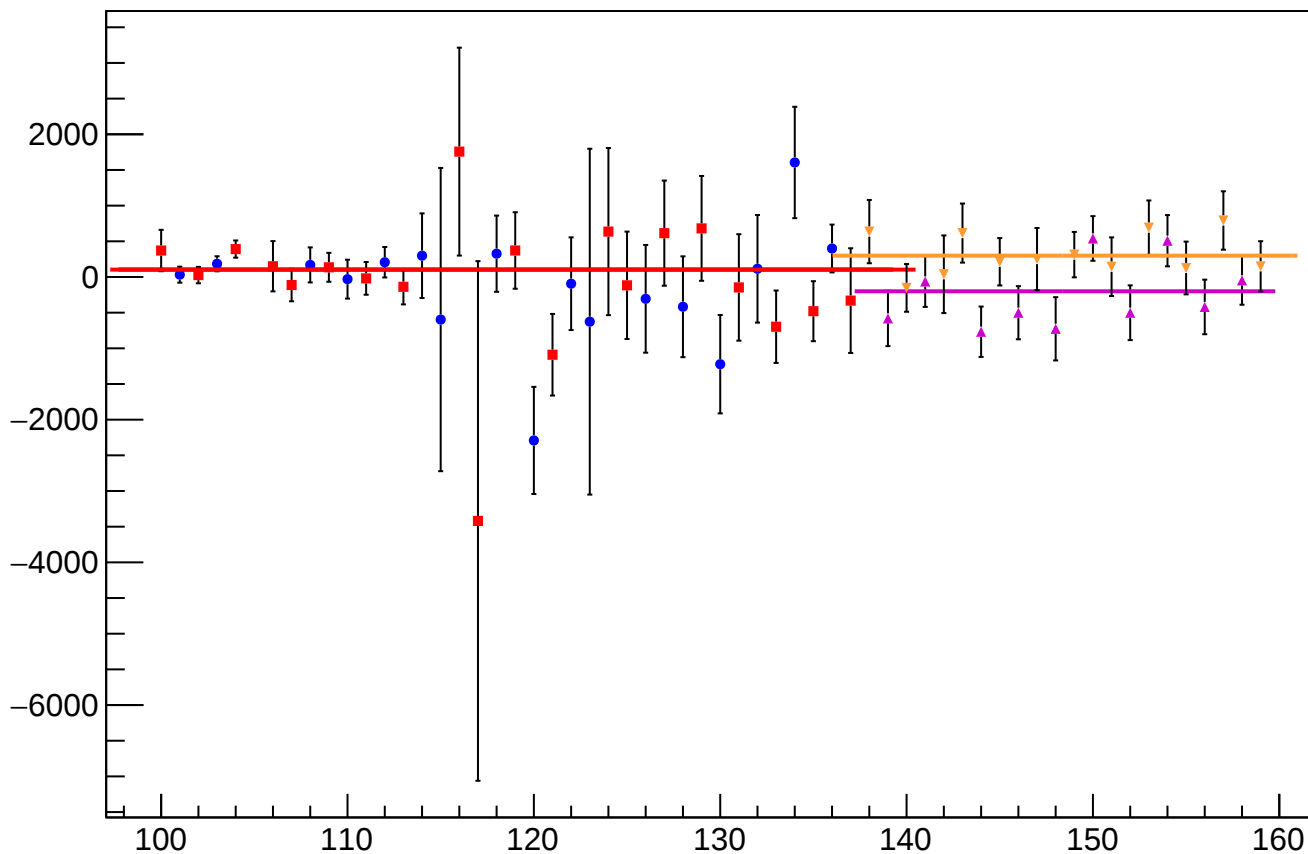
Left In: 322.129+/-0.080 χ^2/NDF : 90447.4/9

138.464+/-0.033 χ^2/NDF : 13035289.8/28

144.343+/-0.024 χ^2/NDF : 23875317.0/58

150.644+/-0.034 χ^2/NDF : 10773996.7/29

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 104.001 $\pm$ 63.156 χ^2 /NDF: 21.3/16

Left Out: 298.939 $\pm$ 110.692 χ^2 /NDF: 6.4/11

Right Out: 103.156 $\pm$ 60.849 χ^2 /NDF: 22.3/19

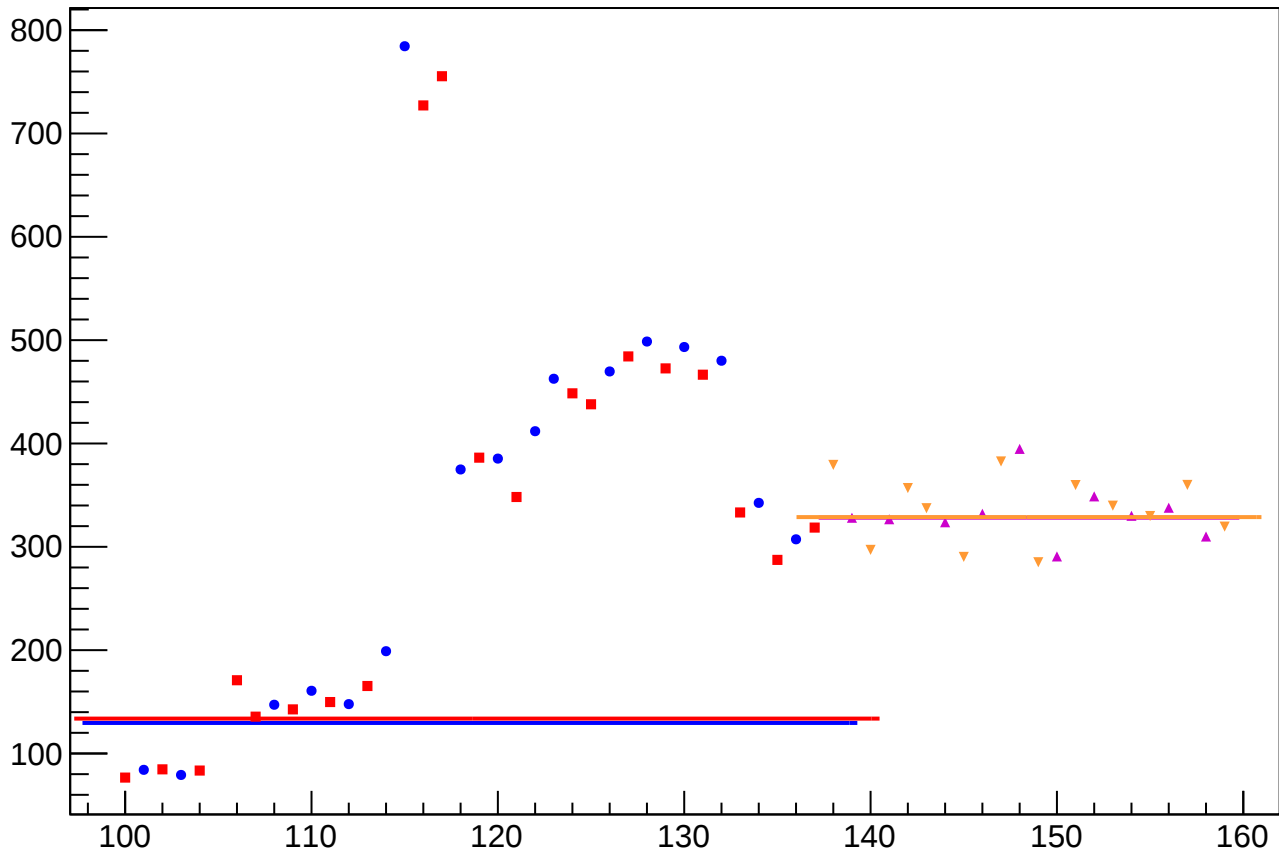
Left In: -200.628 $\pm$ 115.476 χ^2 /NDF: 16.4/9

151.876 $\pm$ 54.856 χ^2 /NDF: 30.0/28

93.427 $\pm$ 38.422 χ^2 /NDF: 76.3/58

37.138 $\pm$ 53.832 χ^2 /NDF: 44.1/29

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.552 +/- 0.045 χ^2/NDF : 4772450.4/16

Left Out: 328.763 +/- 0.078 χ^2/NDF : 171313.9/11

Right Out: 133.766 +/- 0.043 χ^2/NDF : 4424544.5/19

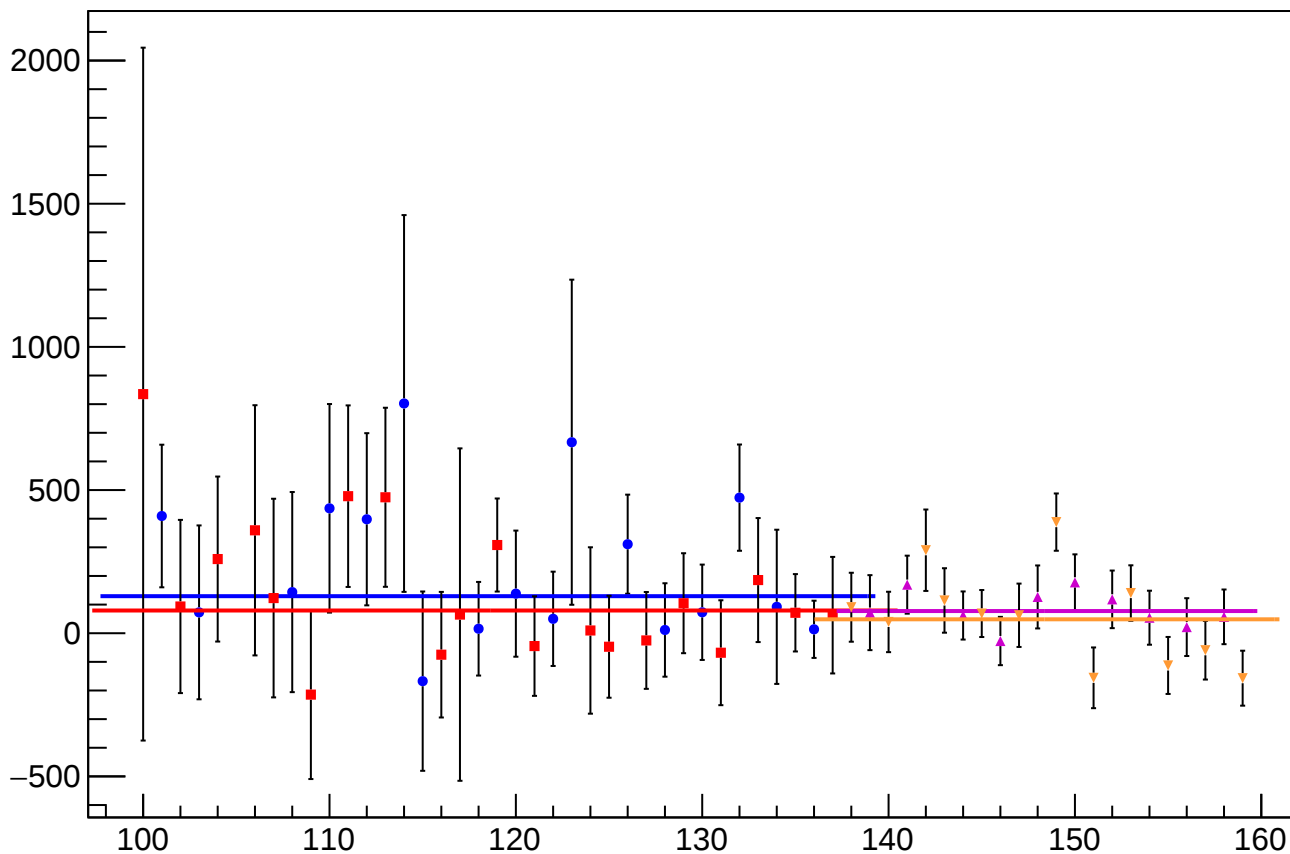
Left In: 328.199 +/- 0.082 χ^2/NDF : 87129.4/9

178.476 +/- 0.039 χ^2/NDF : 9830650.9/28

177.225 +/- 0.027 χ^2/NDF : 18782164.9/58

176.020 +/- 0.038 χ^2/NDF : 8949472.3/29

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 129.398 $\pm$ 49.122 χ^2/NDF : 12.9/16

Left Out: 48.601 $\pm$ 29.911 χ^2/NDF : 27.9/11

Right Out: 79.378 $\pm$ 49.703 χ^2/NDF : 10.2/19

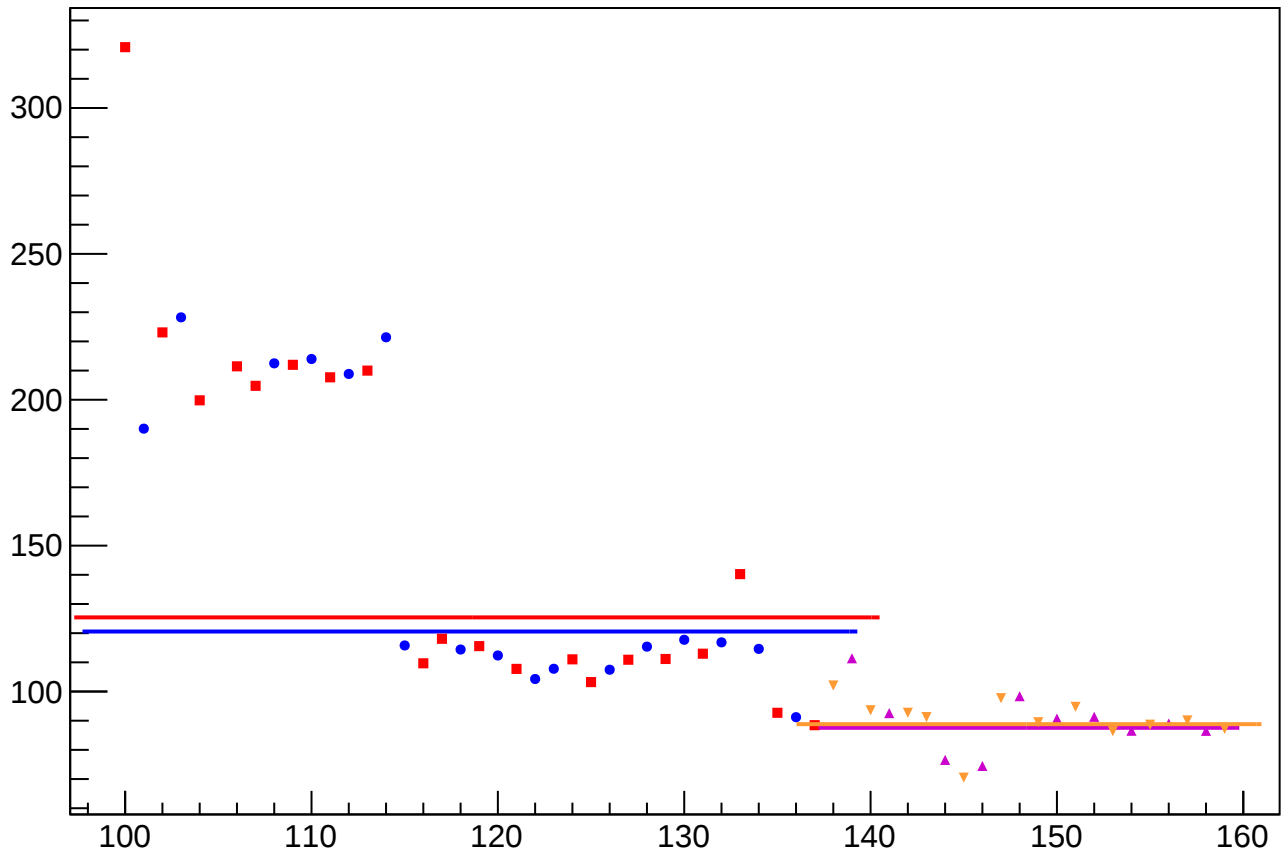
Left In: 77.465 $\pm$ 30.942 χ^2/NDF : 4.2/9

70.456 $\pm$ 25.548 χ^2/NDF : 42.8/28

74.123 $\pm$ 18.314 χ^2/NDF : 57.3/58

77.999 $\pm$ 26.268 χ^2/NDF : 14.5/29

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 120.565+/-0.035 χ^2/NDF : 1112076.4/16

Left Out: 88.812+/-0.021 χ^2/NDF :151930.5/11

Right Out: 125.404+/-0.035 χ^2/NDF : 1334075.7/19

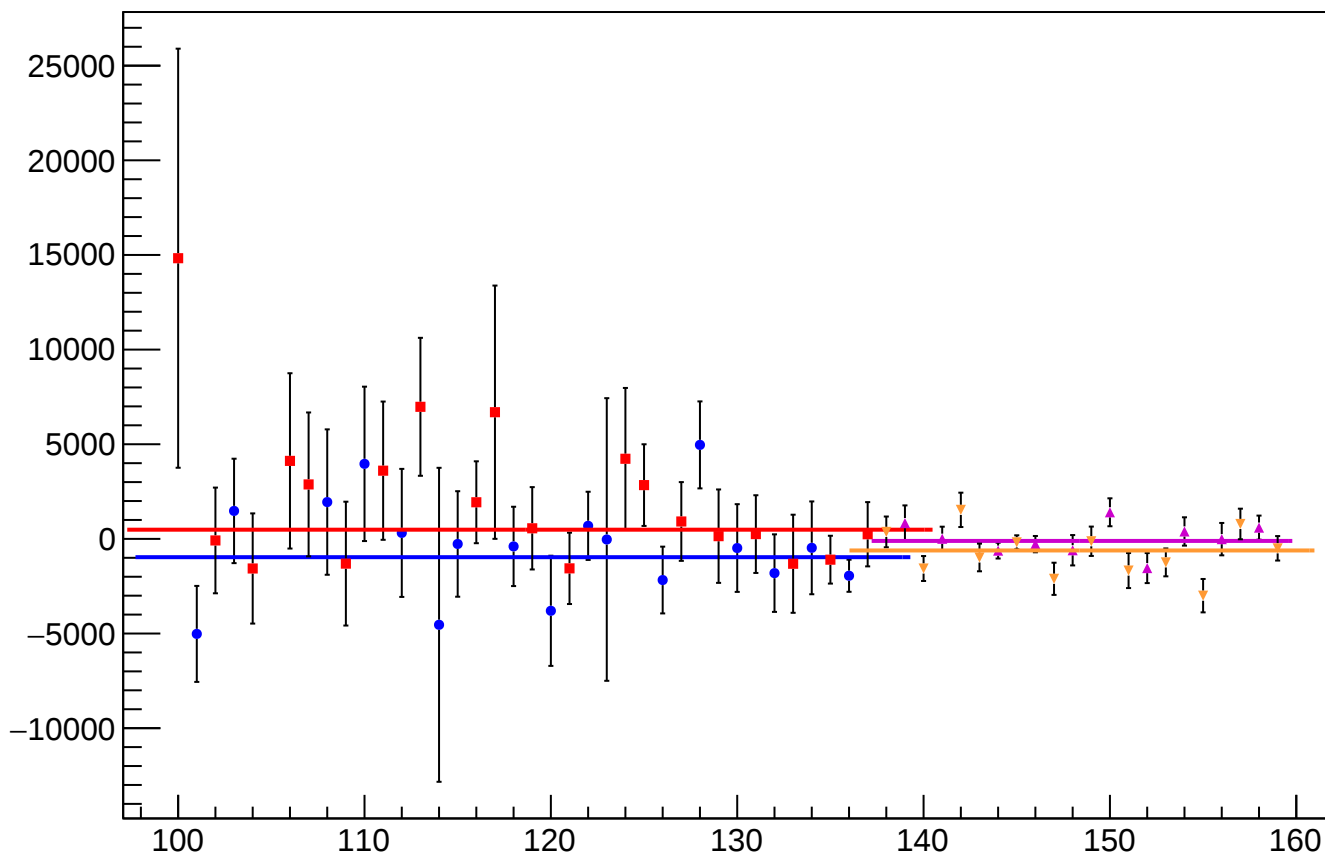
Left In: 87.568+/-0.022 χ^2/NDF :178696.1/9

97.401+/-0.018 χ^2/NDF : 1873652.5/28

97.758+/-0.013 χ^2/NDF : 4222517.5/58

98.136+/-0.019 χ^2/NDF : 2348060.7/29

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -966.587+/-512.340 χ^2/NDF : 16.4/16

Left Out: -611.562+/-198.275 χ^2/NDF : 26.7/11

Right Out: 485.654+/-543.567 χ^2/NDF : 14.3/19

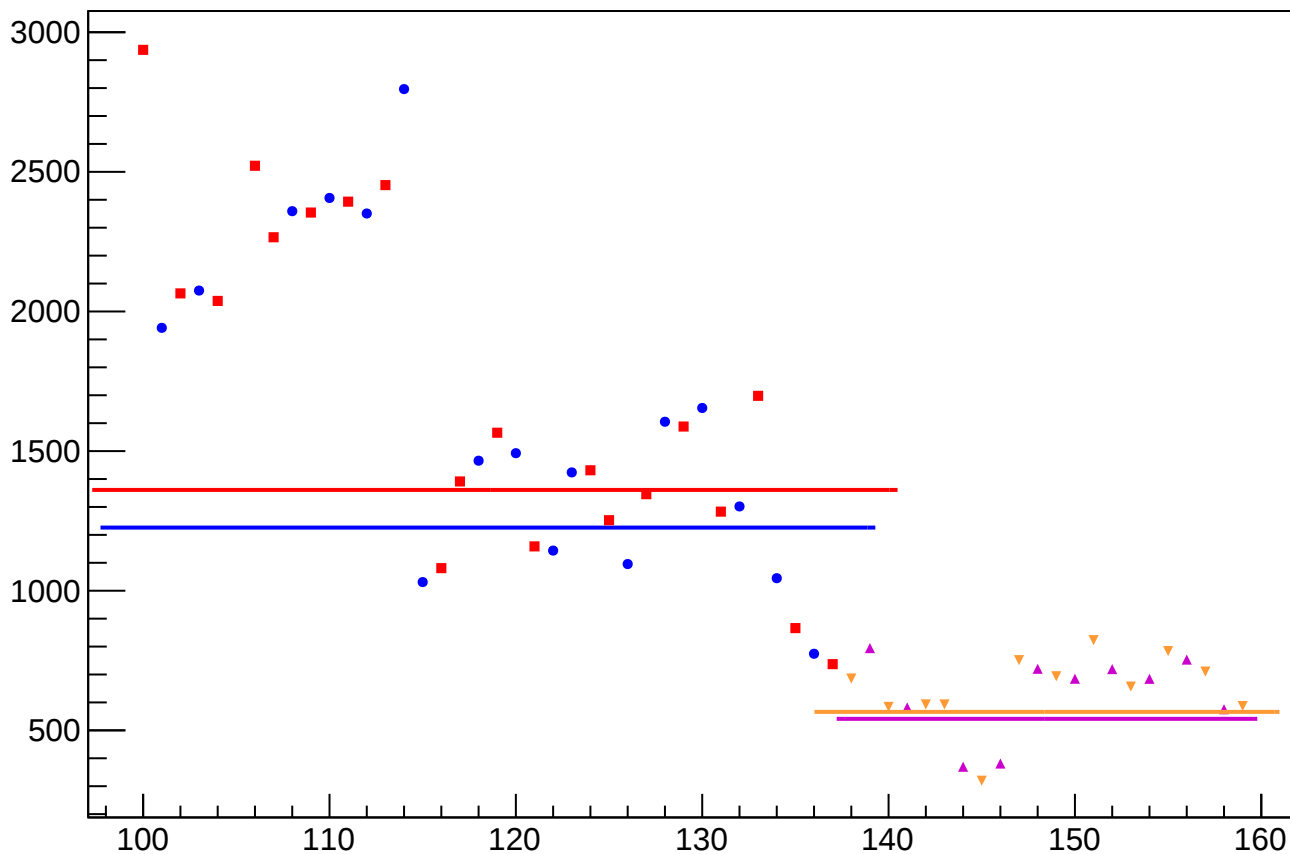
Left In: -107.779+/-198.548 χ^2/NDF : 12.3/9

-657.807+/-184.911 χ^2/NDF : 43.4/28

-350.511+/-131.309 χ^2/NDF : 76.6/58

-37.922+/-186.496 χ^2/NDF : 27.6/29

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1226.135+/-0.362 χ^2/NDF : 1756323.1/16

Left Out: 566.149+/-0.140 χ^2/NDF : 1453423.6/11

Right Out: 1360.972+/-0.384 χ^2/NDF : 1749116.2/19

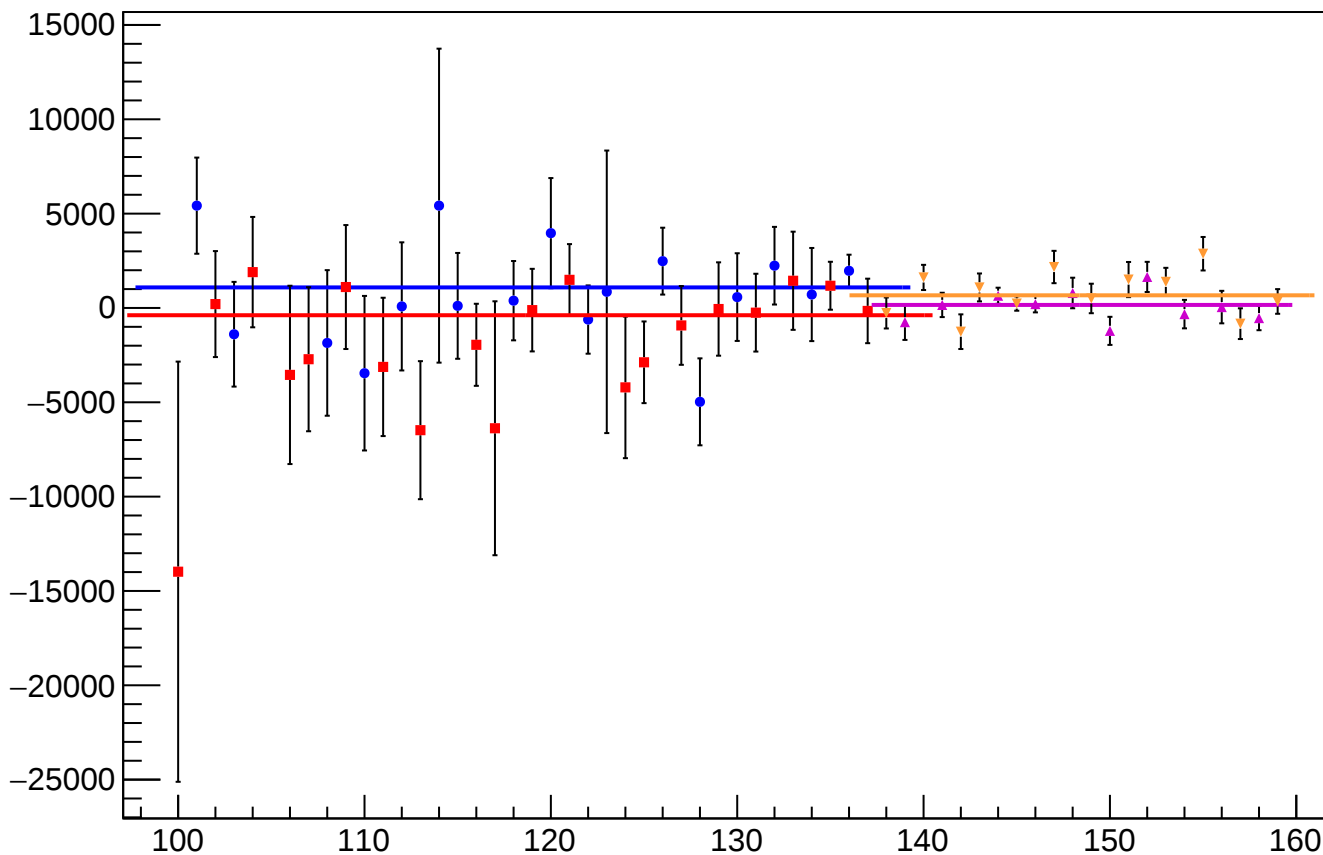
Left In: 541.235+/-0.140 χ^2/NDF : 1248774.3/9

652.118+/-0.131 χ^2/NDF : 6096253.3/28

644.986+/-0.093 χ^2/NDF : 13113248.5/58

637.731+/-0.132 χ^2/NDF : 7010993.4/29

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1089.066 $\pm$ 515.272 χ^2 /NDF: 16.9/16

Left Out: 670.419 $\pm$ 201.160 χ^2 /NDF: 24.0/11

Right Out: -385.391 $\pm$ 546.382 χ^2 /NDF: 13.3/19

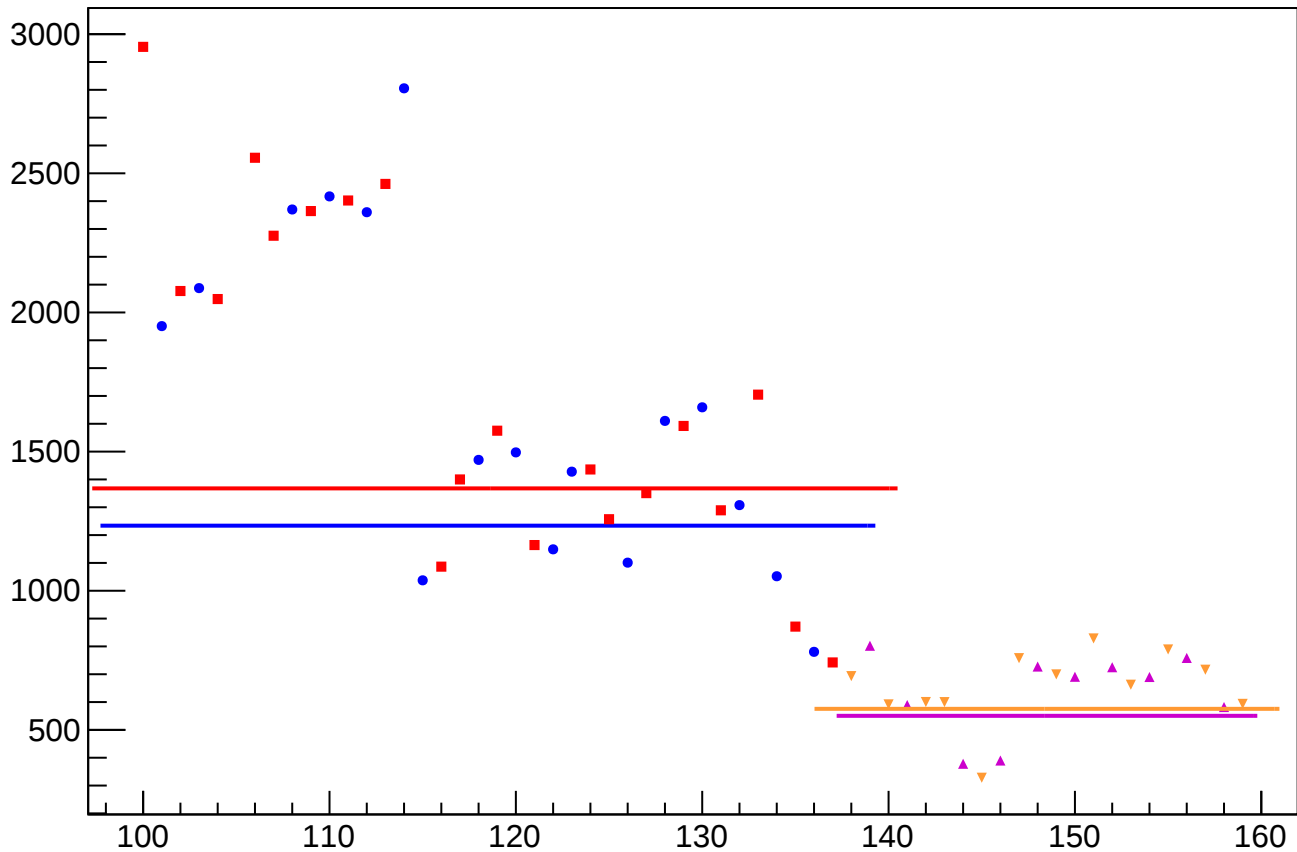
Left In: 160.431 $\pm$ 201.578 χ^2 /NDF: 11.3/9

725.786 $\pm$ 187.386 χ^2 /NDF: 41.5/28

413.314 $\pm$ 133.110 χ^2 /NDF: 72.6/58

95.039 $\pm$ 189.118 χ^2 /NDF: 25.5/29

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1233.863 +/- 0.364 χ^2/NDF : 1744048.5/16

Left Out: 575.676 +/- 0.142 χ^2/NDF : 1382578.8/11

Right Out: 1367.823 +/- 0.386 χ^2/NDF : 1744640.3/19

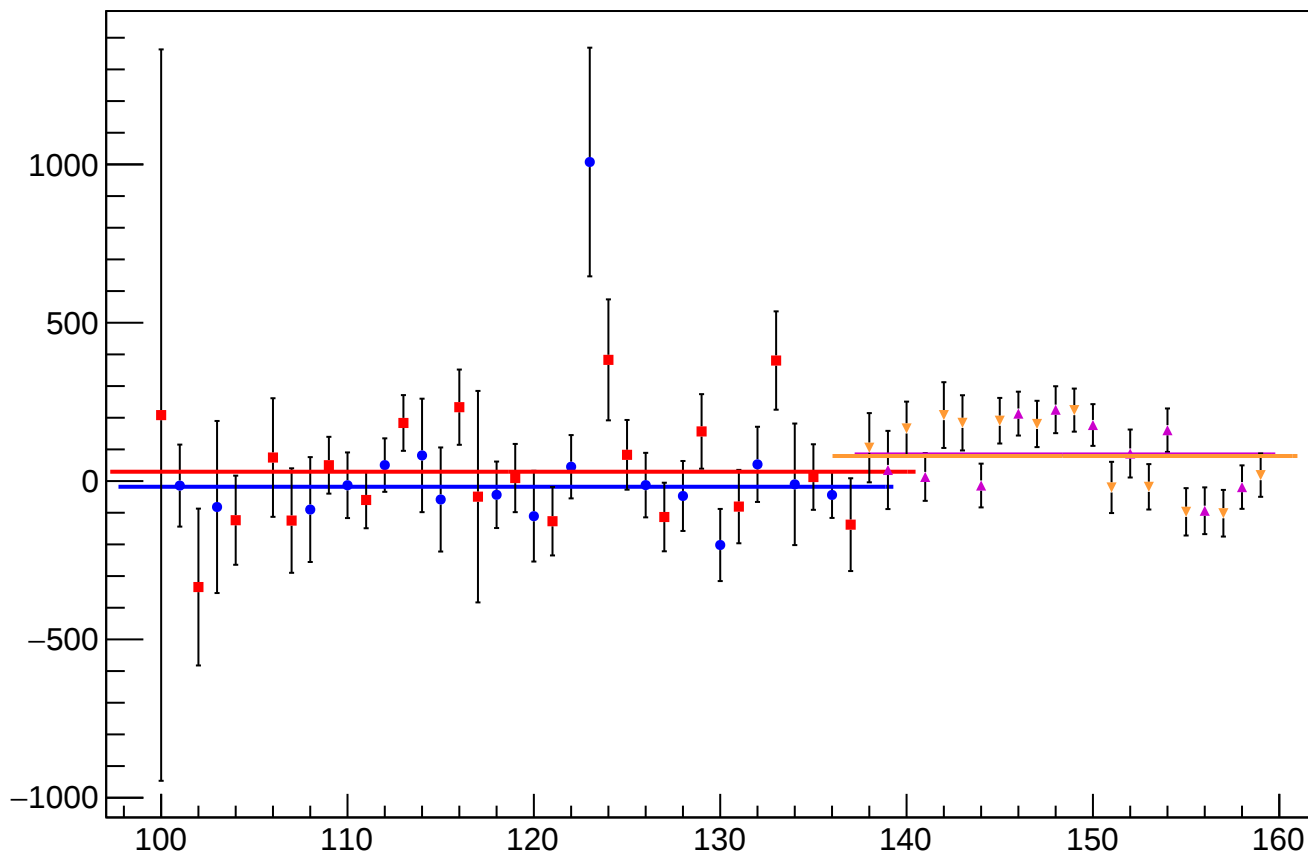
Left In: 550.585 +/- 0.143 χ^2/NDF : 1194497.5/9

662.722 +/- 0.133 χ^2/NDF : 5958340.2/28

655.673 +/- 0.094 χ^2/NDF : 12841533.1/58

648.494 +/- 0.134 χ^2/NDF : 6877480.6/29

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -17.972 $\pm$ 28.848 χ^2 /NDF: 13.4/16

Left Out: 79.166 $\pm$ 22.545 χ^2 /NDF: 28.7/11

Right Out: 29.517 $\pm$ 27.879 χ^2 /NDF: 27.5/19

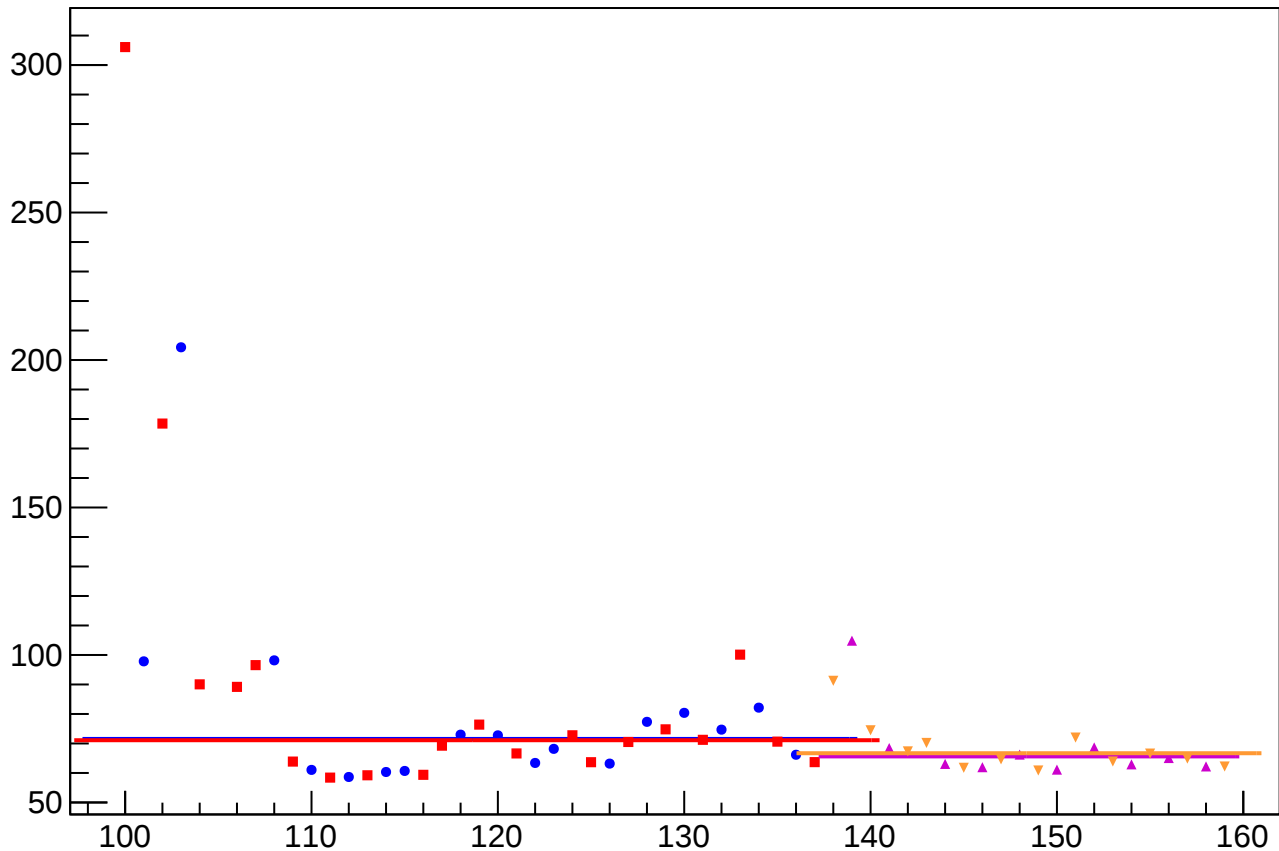
Left In: 84.106 $\pm$ 23.226 χ^2 /NDF: 21.5/9

42.334 $\pm$ 17.764 χ^2 /NDF: 49.1/28

51.994 $\pm$ 12.589 χ^2 /NDF: 100.8/58

61.741 $\pm$ 17.845 χ^2 /NDF: 51.2/29

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 71.536+/-0.020 χ^2/NDF : 758961.6/16

Left Out: 66.693+/-0.016 χ^2/NDF : 168445.3/11

Right Out: 71.102+/-0.020 χ^2/NDF : 765220.8/19

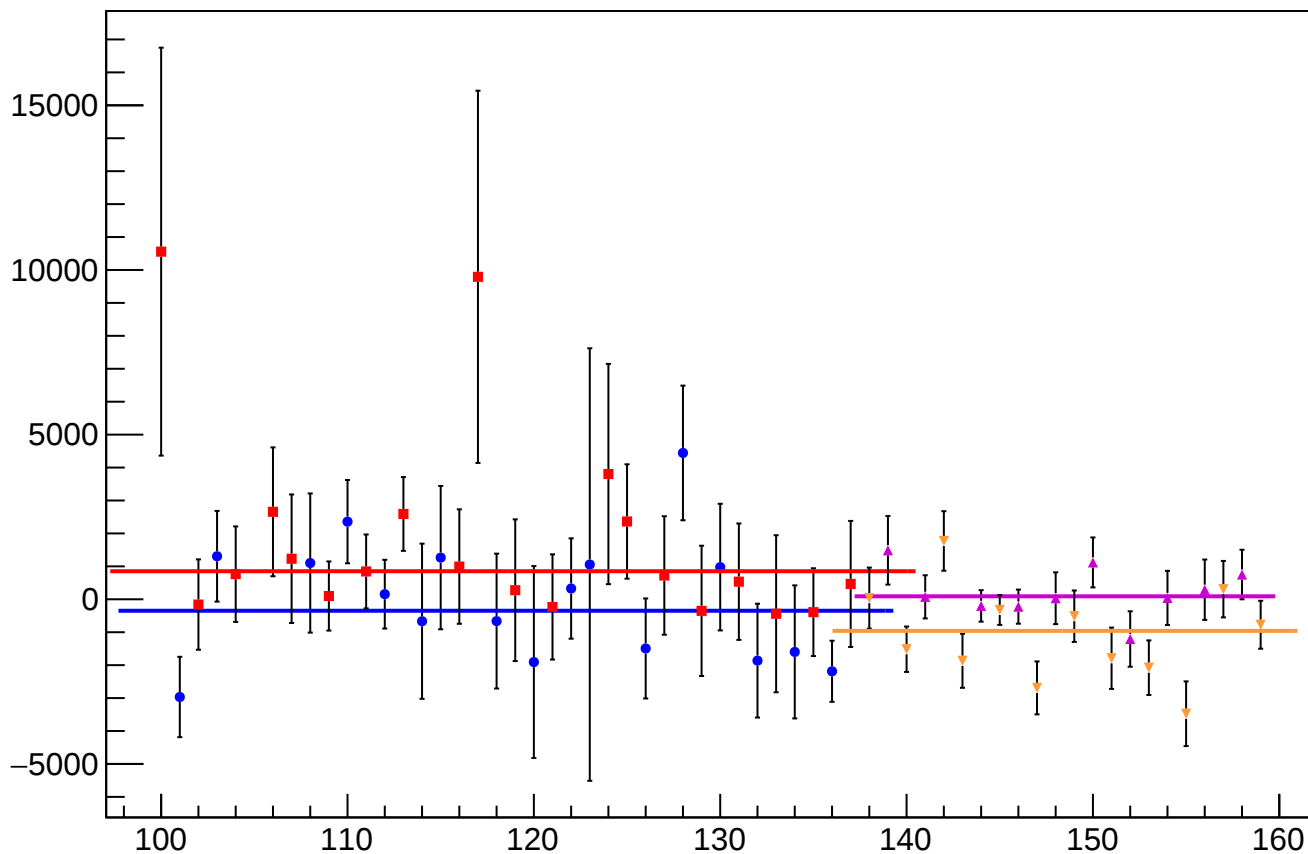
Left In: 65.614+/-0.016 χ^2/NDF : 233721.8/9

68.529+/-0.013 χ^2/NDF : 962405.8/28

68.197+/-0.009 χ^2/NDF : 2008493.5/58

67.863+/-0.013 χ^2/NDF : 1044686.8/29

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -347.939+/-381.994 χ^2/NDF : 24.1/16

Left Out: -958.928+/-218.551 χ^2/NDF : 30.5/11

Right Out: 852.433+/-369.018 χ^2/NDF : 13.0/19

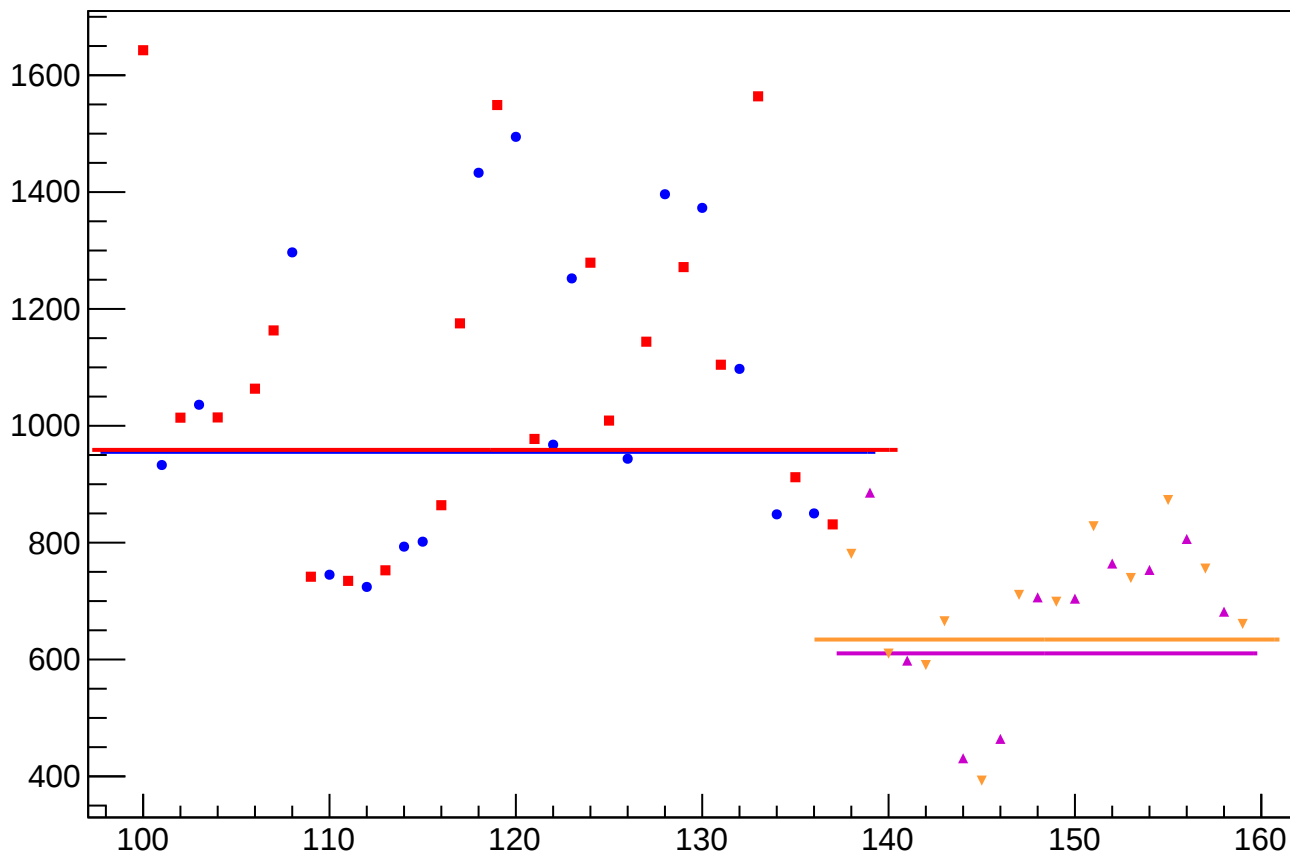
Left In: 90.742+/-220.543 χ^2/NDF : 7.6/9

-808.251+/-189.698 χ^2/NDF : 56.5/28

-257.399+/-133.999 χ^2/NDF : 97.1/58

291.203+/-189.310 χ^2/NDF : 23.7/29

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 955.425+/-0.270 χ^2/NDF : 646512.4/16

Left Out: 634.184+/-0.155 χ^2/NDF : 940366.6/11

Right Out: 958.776+/-0.261 χ^2/NDF : 696031.2/19

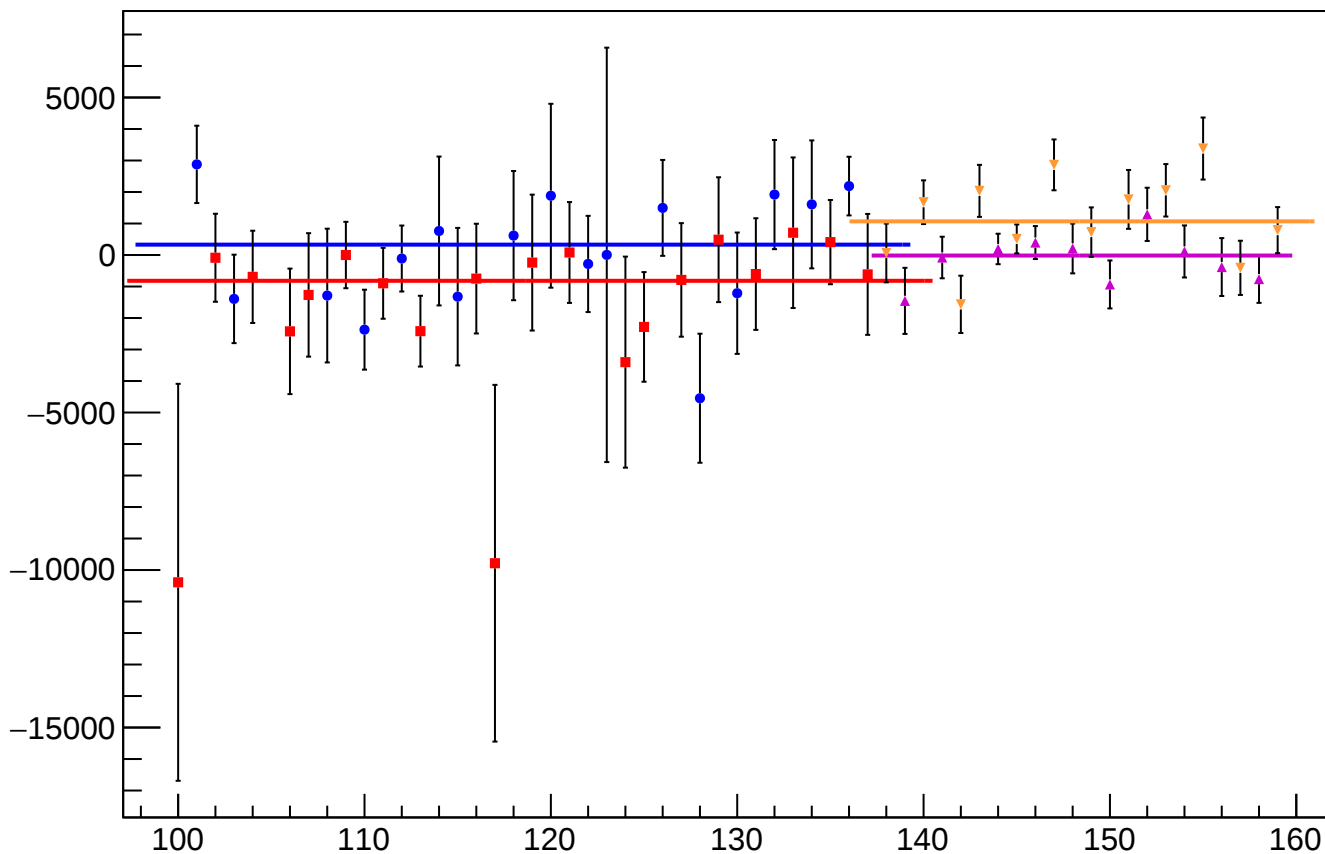
Left In: 610.498+/-0.156 χ^2/NDF : 878491.8/9

713.406+/-0.134 χ^2/NDF : 2652492.7/28

707.770+/-0.095 χ^2/NDF : 5543191.3/58

702.157+/-0.134 χ^2/NDF : 2887175.4/29

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 329.164 $\pm$ 383.728 χ^2 /NDF: 24.3/16

Left Out: 1067.901 $\pm$ 220.057 χ^2 /NDF:28.8/11

Right Out: -818.253 $\pm$ 370.875 χ^2 /NDF: 11.8/19

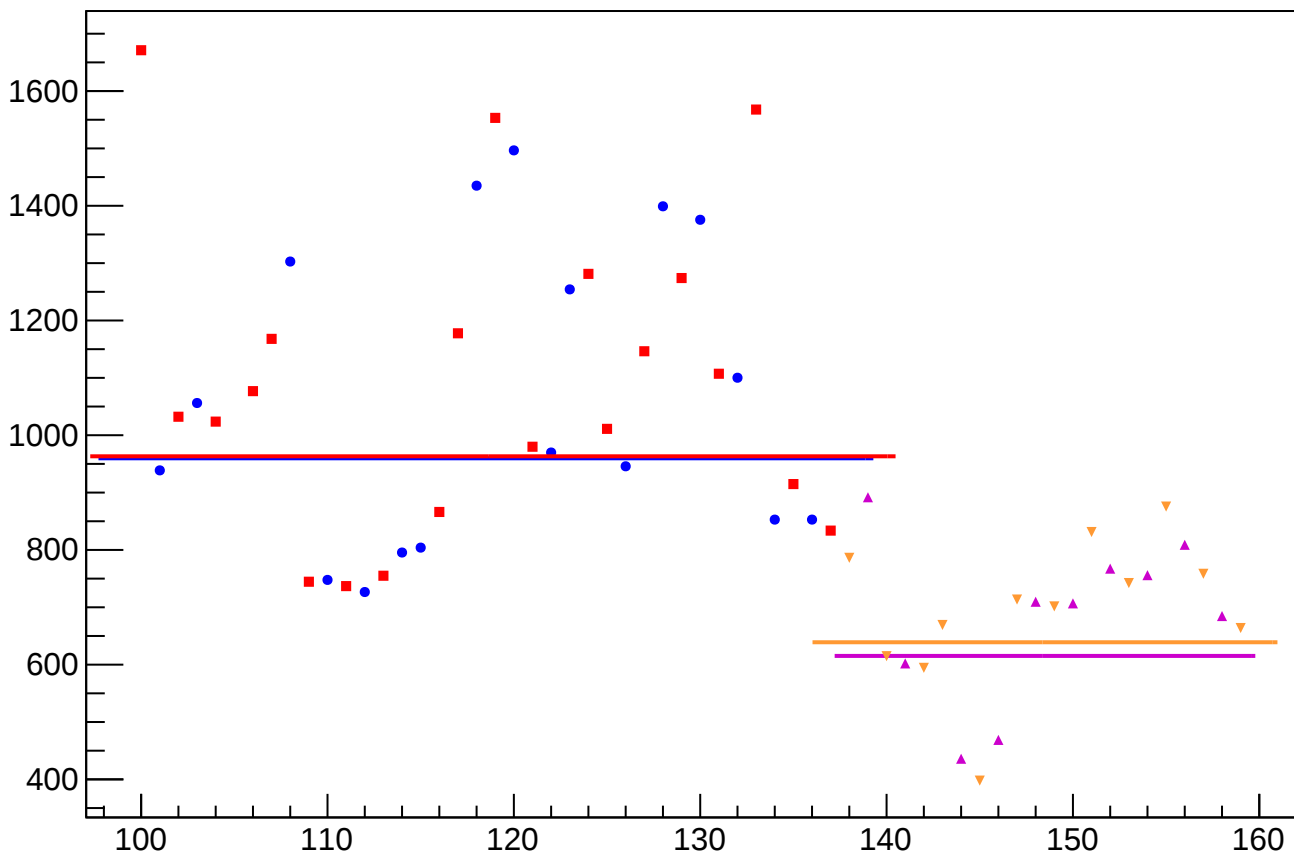
Left In: -16.636 $\pm$ 222.094 χ^2 /NDF:7.8/9

885.078 $\pm$ 190.895 χ^2 /NDF: 55.9/28

327.396 $\pm$ 134.858 χ^2 /NDF: 96.0/58

-228.224 $\pm$ 190.541 χ^2 /NDF: 23.1/29

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 959.770 $\pm$ 0.271 χ^2 /NDF: 646727.9/16

Left Out: 639.042 $\pm$ 0.156 χ^2 /NDF: 913600.0/11

Right Out: 963.238 $\pm$ 0.262 χ^2 /NDF: 698638.3/19

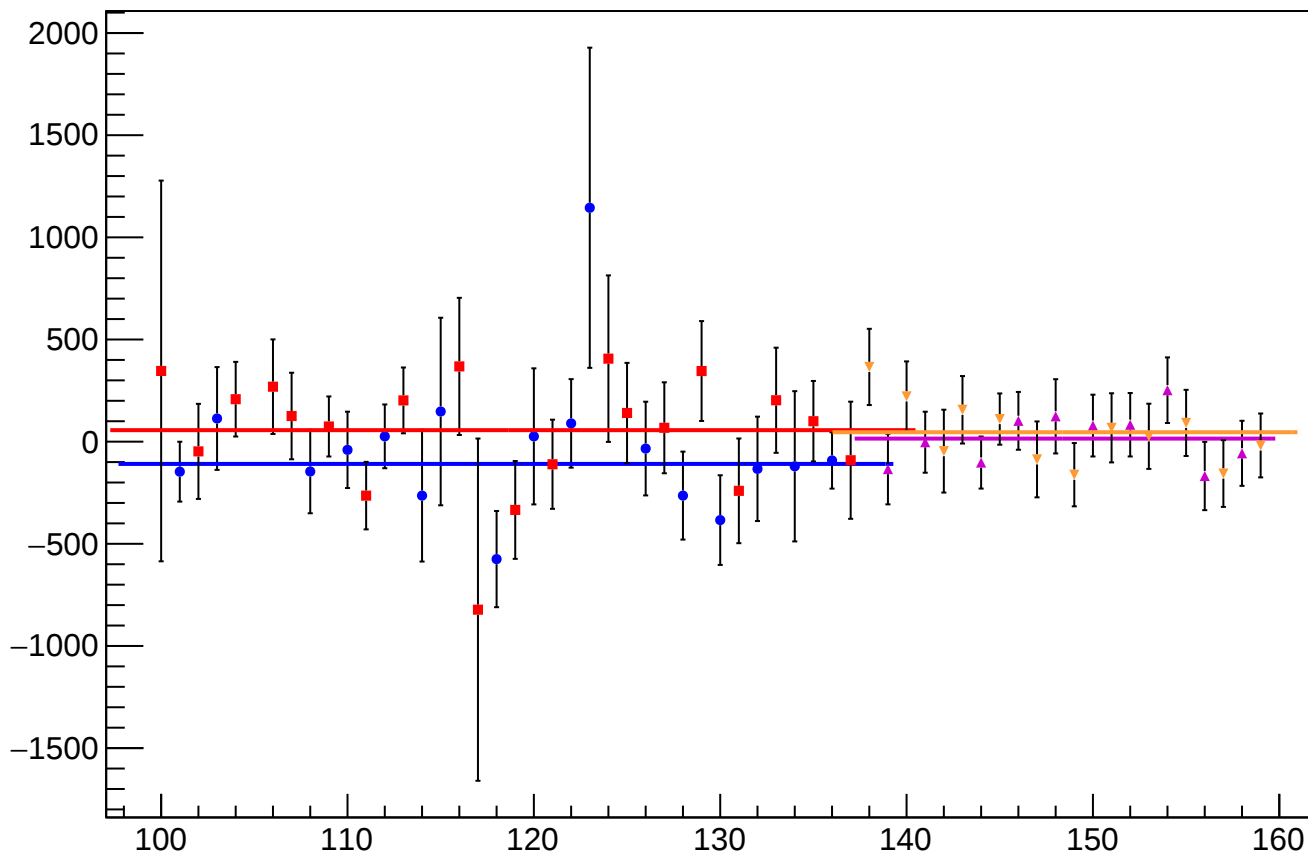
Left In: 615.236 $\pm$ 0.157 χ^2 /NDF: 857795.1/9

718.416 $\pm$ 0.135 χ^2 /NDF: 2611744.9/28

712.743 $\pm$ 0.095 χ^2 /NDF: 5467821.8/58

707.092 $\pm$ 0.135 χ^2 /NDF: 2852551.1/29

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -108.977 ± 52.923 χ^2/NDF : 12.0/16

Left Out: 46.145 ± 47.201 χ^2/NDF : 9.0/11

Right Out: 56.241 ± 50.729 χ^2/NDF : 16.0/19

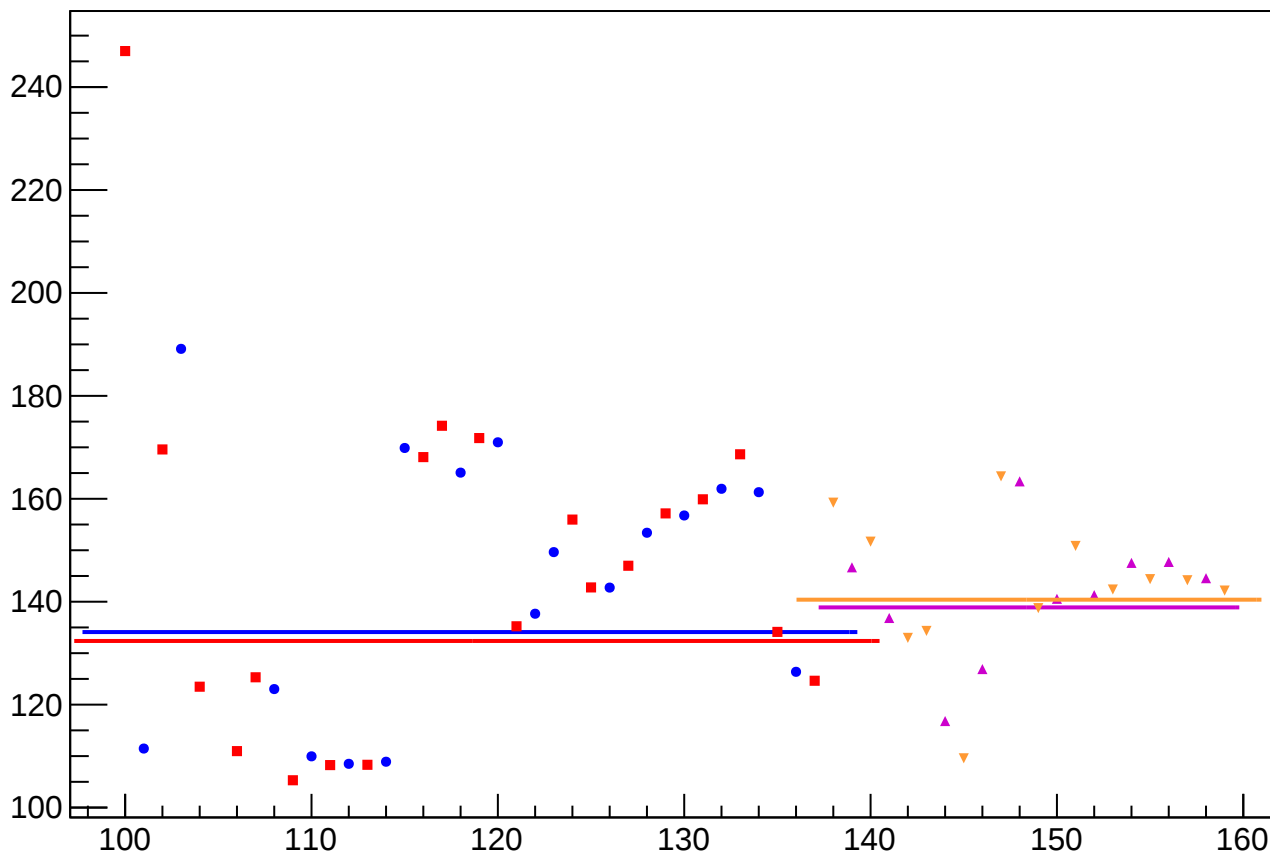
Left In: 14.960 ± 48.823 χ^2/NDF : 6.3/9

-22.580 ± 35.226 χ^2/NDF : 25.8/28

6.155 ± 24.891 χ^2/NDF : 49.8/58

34.811 ± 35.178 χ^2/NDF : 22.6/29

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 134.103 $\pm$ 0.037 χ^2 /NDF: 402581.2/16

Left Out: 140.395 $\pm$ 0.033 χ^2 /NDF:199158.4/11

Right Out: 132.373 $\pm$ 0.036 χ^2 /NDF: 446741.9/19

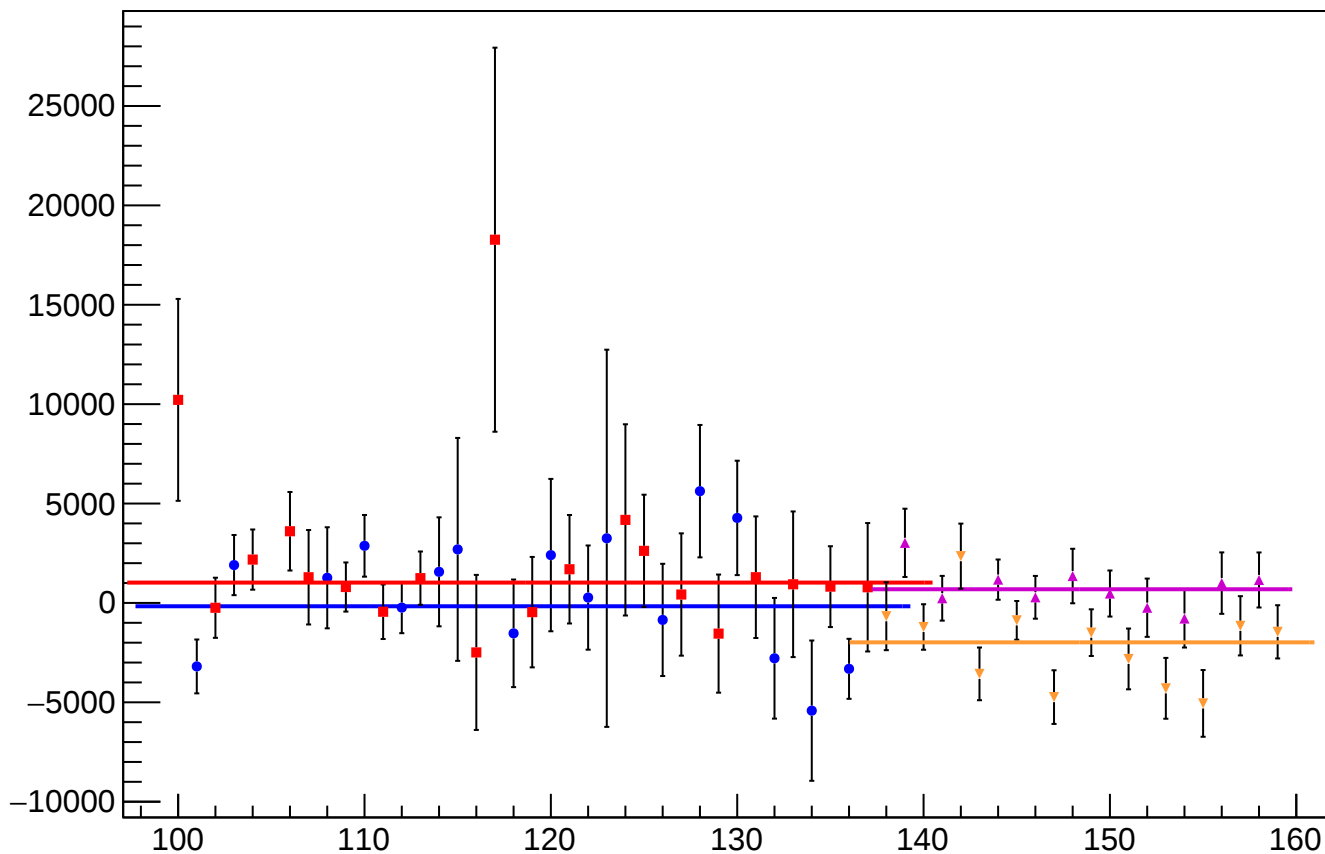
Left In: 138.895 $\pm$ 0.035 χ^2 /NDF:129895.6/9

137.607 $\pm$ 0.025 χ^2 /NDF: 617482.1/28

136.682 $\pm$ 0.018 χ^2 /NDF: 1214040.0/58

135.759 $\pm$ 0.025 χ^2 /NDF: 593799.7/29

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -168.237+/-523.672 χ^2/NDF : 25.3/16

Left Out: -1983.430+/-389.511 χ^2/NDF : 21.5/11

Right Out: 1023.271+/-480.373 χ^2/NDF : 13.4/19

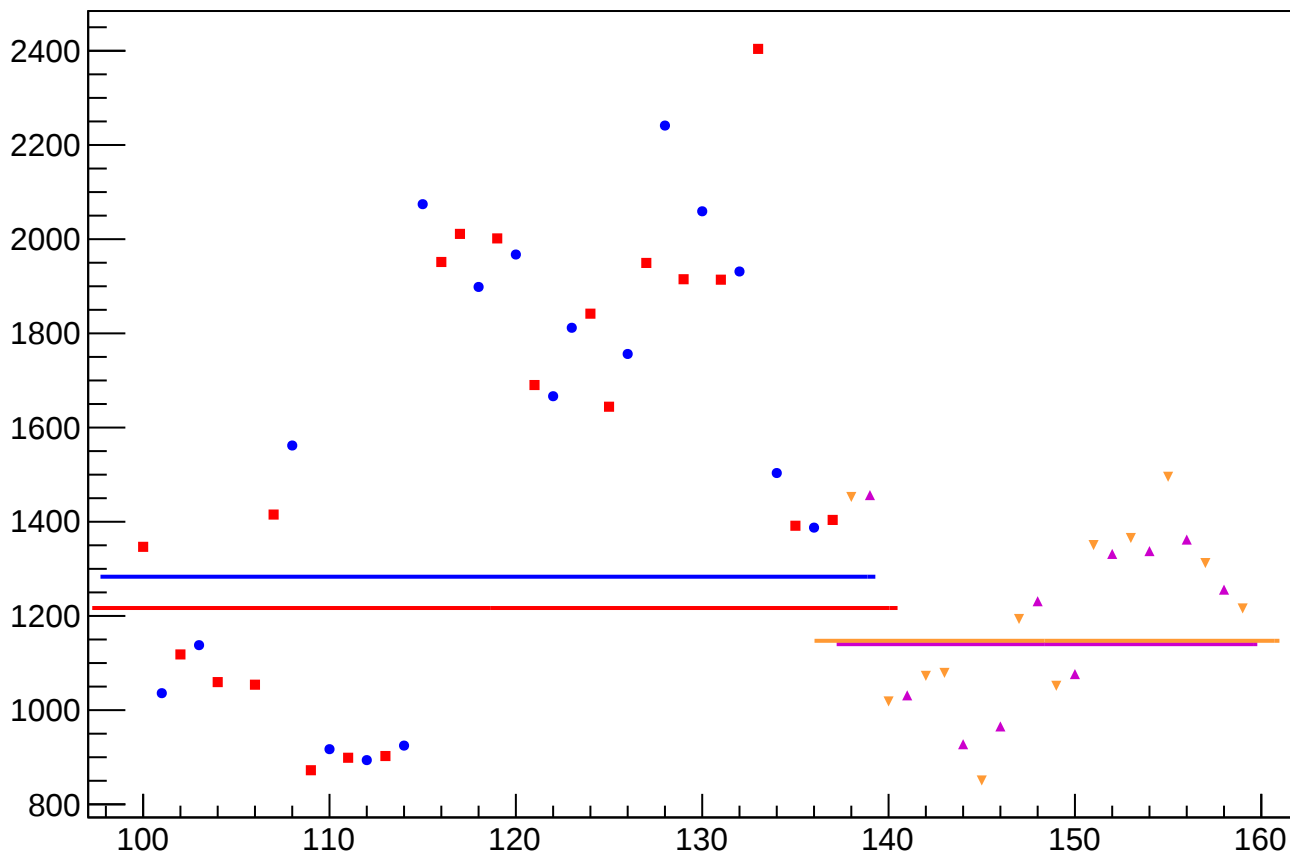
Left In: 687.882+/-404.175 χ^2/NDF : 4.2/9

-1336.879+/-312.536 χ^2/NDF : 54.6/28

-243.624+/-219.832 χ^2/NDF : 96.7/58

826.898+/-309.269 χ^2/NDF : 17.9/29

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1283.318 $\pm$ 0.370 χ^2/NDF : 1169431.5/16

Left Out: 1147.253 $\pm$ 0.275 χ^2/NDF : 491301.2/11

Right Out: 1216.852 $\pm$ 0.340 χ^2/NDF : 1374416.0/19

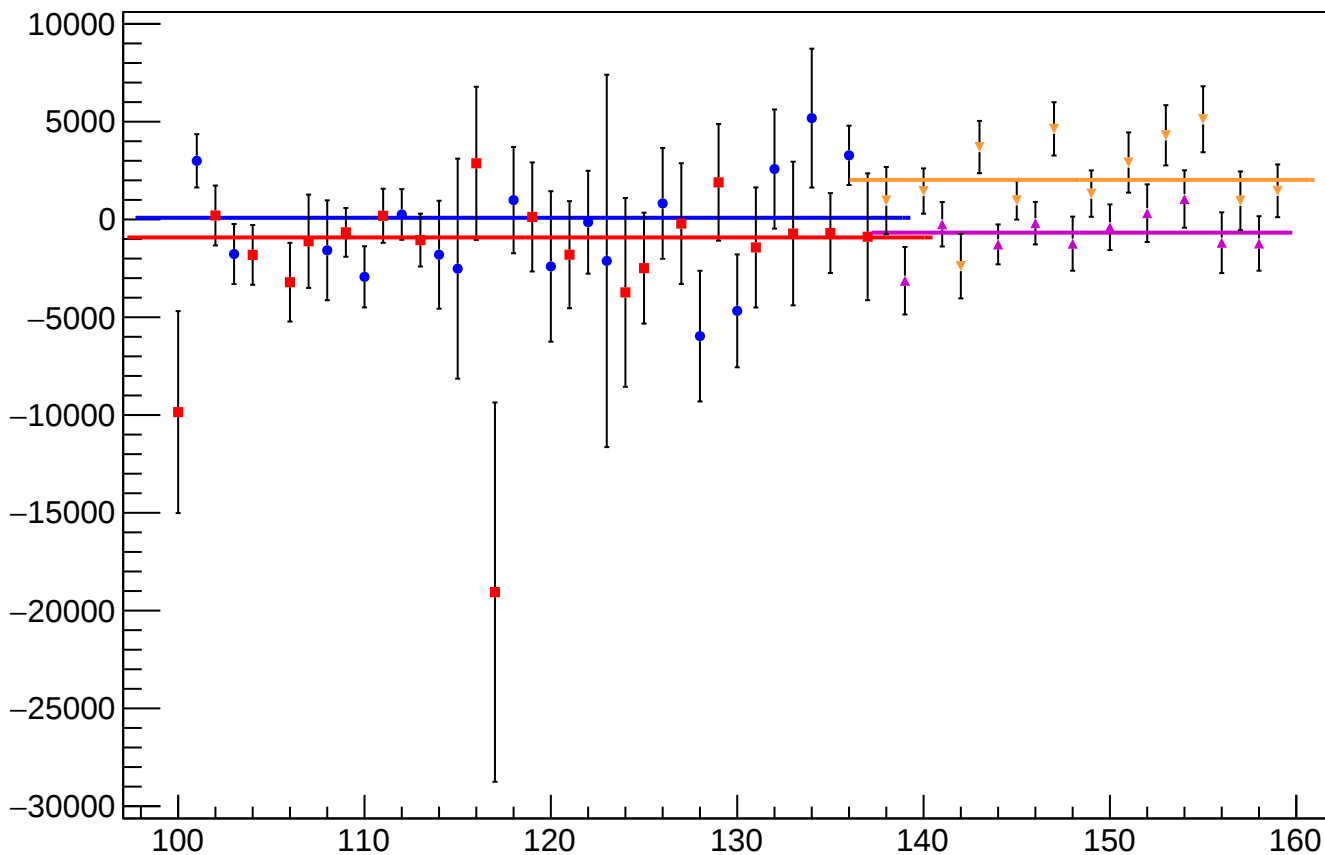
Left In: 1140.073 $\pm$ 0.286 χ^2/NDF : 368489.5/9

1195.718 $\pm$ 0.221 χ^2/NDF : 1747661.0/28

1183.682 $\pm$ 0.155 χ^2/NDF : 3526351.2/58

1171.897 $\pm$ 0.219 χ^2/NDF : 1772820.2/29

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 85.077 ± 527.082 χ^2/NDF : 24.7/16

Left Out: 2023.937 ± 392.581 χ^2/NDF : 21.1/11

Right Out: -919.892 ± 484.043 χ^2/NDF : 12.2/19

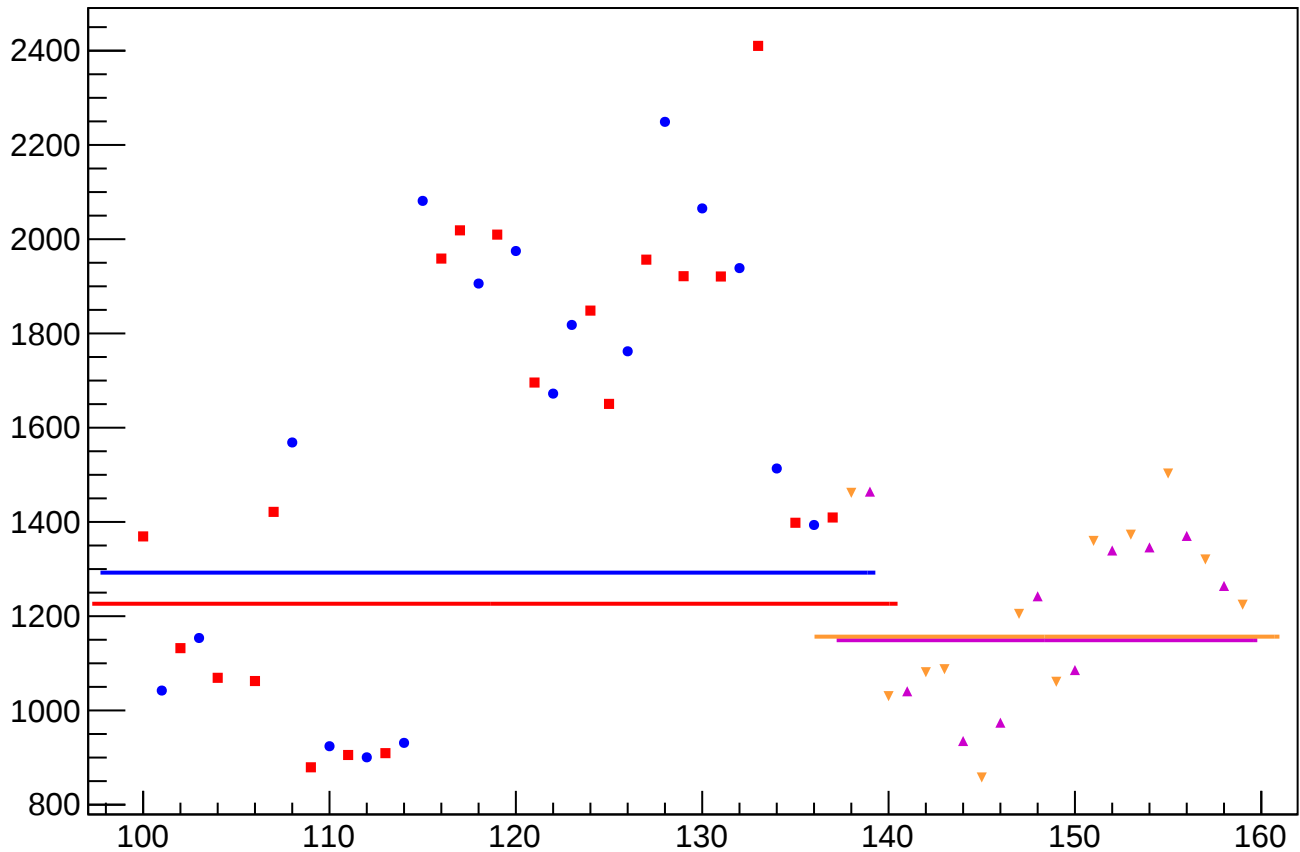
Left In: -673.102 ± 407.274 χ^2/NDF : 5.0/9

1332.127 ± 314.846 χ^2/NDF : 54.5/28

267.567 ± 221.486 χ^2/NDF : 94.5/58

-775.398 ± 311.637 χ^2/NDF : 17.4/29

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1292.426+/-0.373 χ^2/NDF : 1156576.0/16

Left Out: 1156.590+/-0.278 χ^2/NDF : 484401.0/11

Right Out: 1226.408+/-0.342 χ^2/NDF : 1359134.9/19

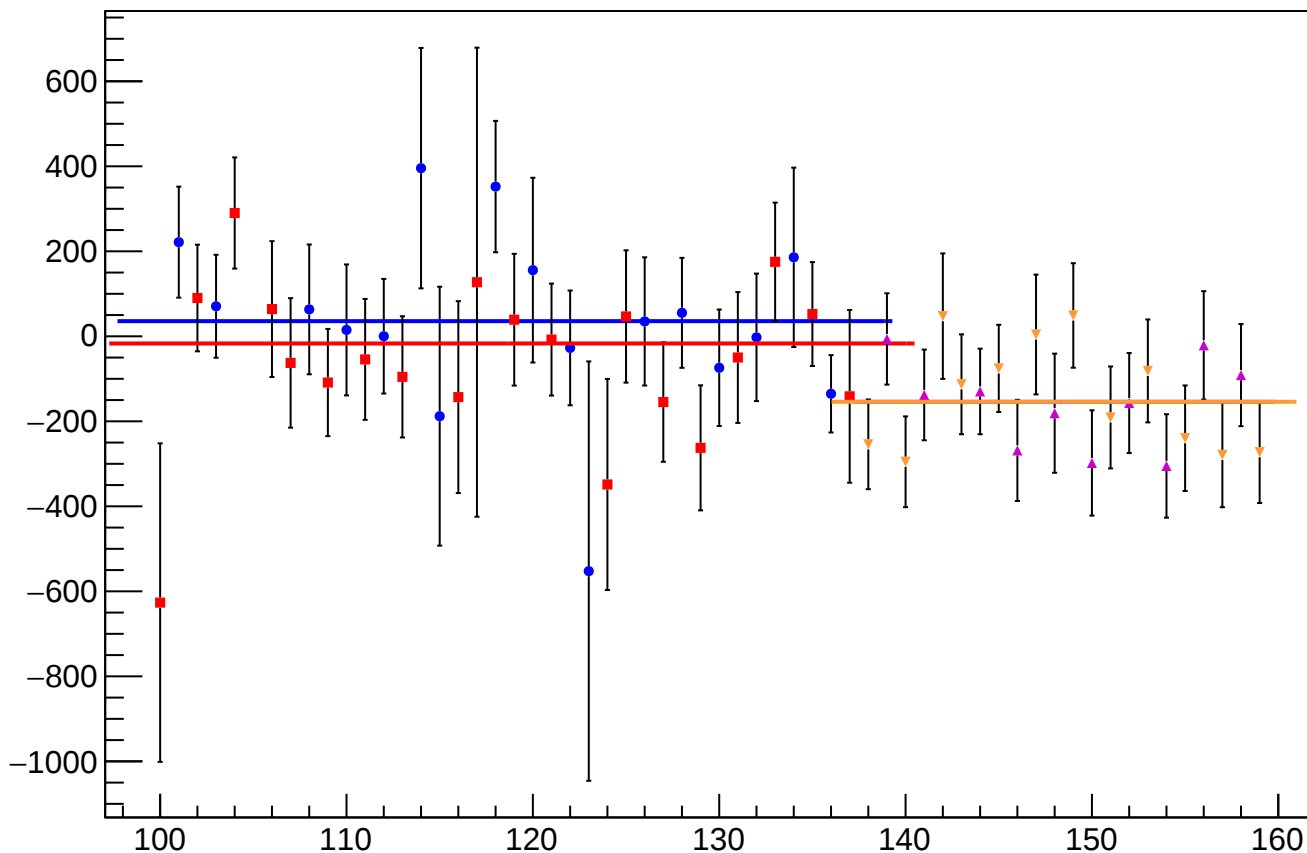
Left In: 1149.051+/-0.288 χ^2/NDF : 363411.5/9

1205.058+/-0.223 χ^2/NDF : 1726412.0/28

1192.964+/-0.157 χ^2/NDF : 3484708.7/58

1181.116+/-0.220 χ^2/NDF : 1752454.7/29

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 35.679+/-36.350 χ^2/NDF : 15.3/16

Left Out: -154.063+/-34.381 χ^2/NDF : 12.2/11

Right Out: -16.849+/-34.623 χ^2/NDF : 19.0/19

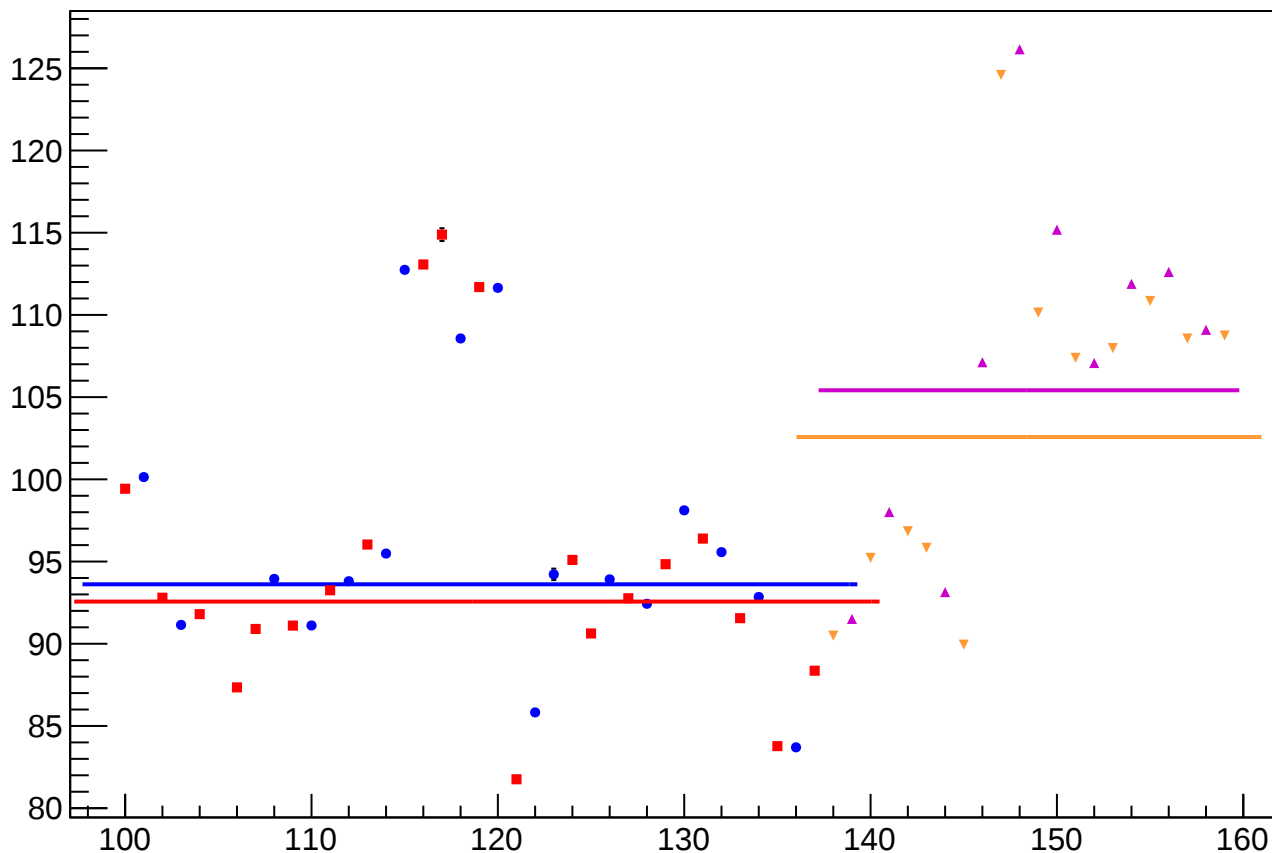
Left In: -154.138+/-37.001 χ^2/NDF : 7.2/9

-64.470+/-24.978 χ^2/NDF : 41.8/28

-72.606+/-17.768 χ^2/NDF : 75.6/58

-80.940+/-25.281 χ^2/NDF : 33.5/29

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 93.616+/-0.026 χ^2/NDF : 79928.5/16

Left Out: 102.575+/-0.024 χ^2/NDF : 158138.1/11

Right Out: 92.565+/-0.024 χ^2/NDF : 81875.5/19

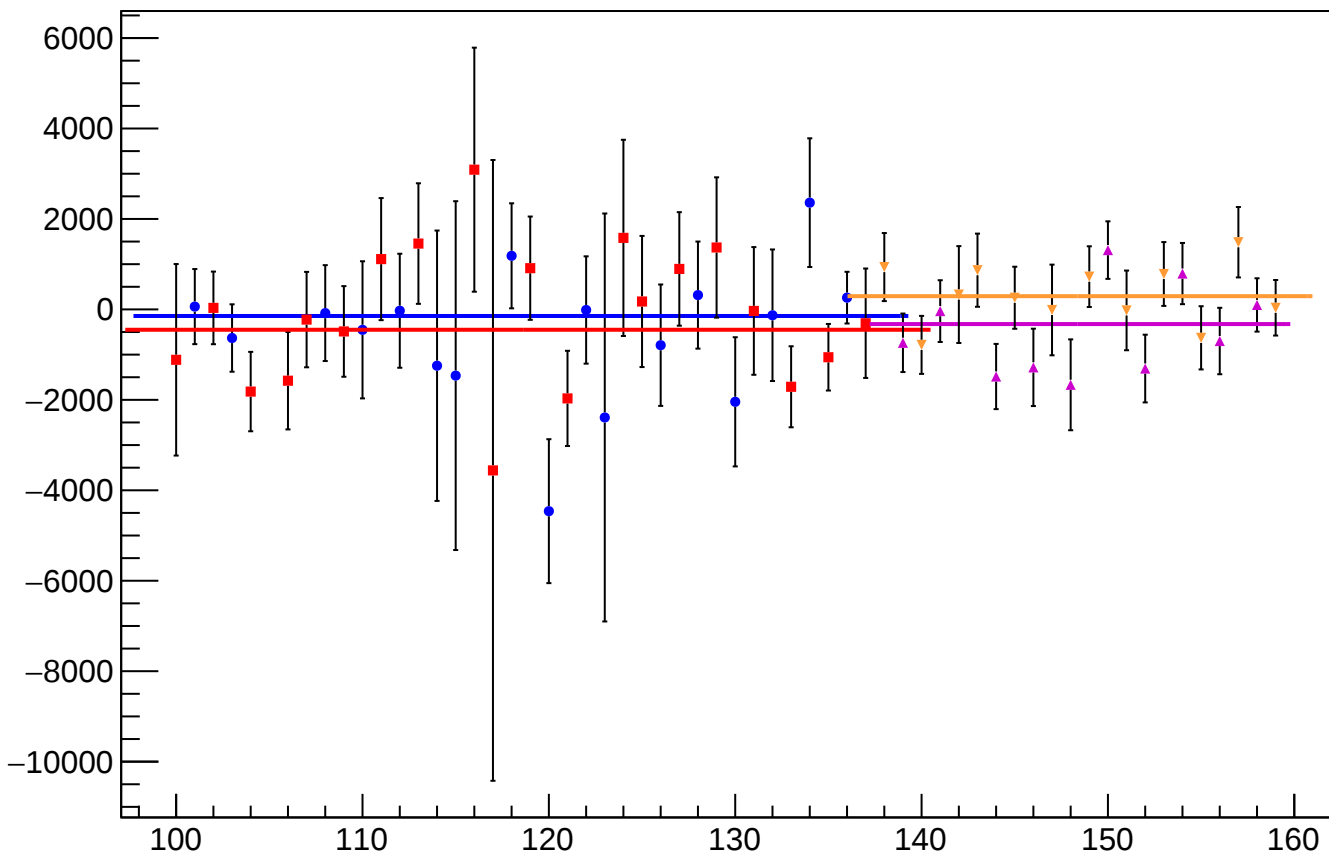
Left In: 105.416+/-0.026 χ^2/NDF : 143812.2/9

98.344+/-0.018 χ^2/NDF : 302183.7/28

98.453+/-0.013 χ^2/NDF : 656577.6/58

98.565+/-0.018 χ^2/NDF : 354317.1/29

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -145.464 ± 276.629 χ^2/NDF : 15.5/16

Left Out: 292.050 ± 215.251 χ^2/NDF : 9.4/11

Right Out: -450.047 ± 260.089 χ^2/NDF : 19.2/19

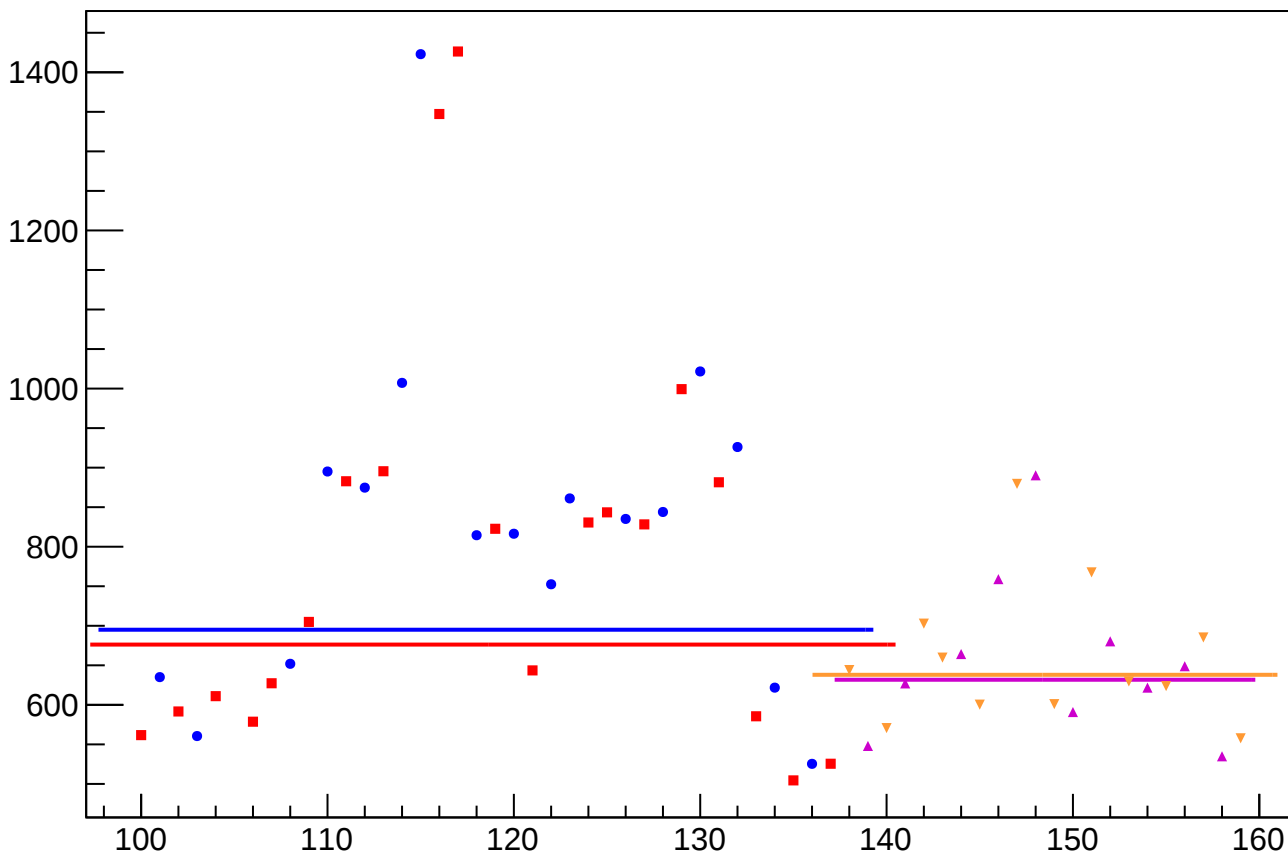
Left In: -324.402 ± 223.697 χ^2/NDF : 18.0/9

127.050 ± 169.881 χ^2/NDF : 26.5/28

-125.810 ± 120.023 χ^2/NDF : 68.3/58

-377.826 ± 169.597 χ^2/NDF : 37.4/29

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 695.014 $\pm$ 0.196 χ^2 /NDF: 677713.0/16

Left Out: 638.007 $\pm$ 0.152 χ^2 /NDF: 245066.2/11

Right Out: 676.229 $\pm$ 0.184 χ^2 /NDF: 700313.6/19

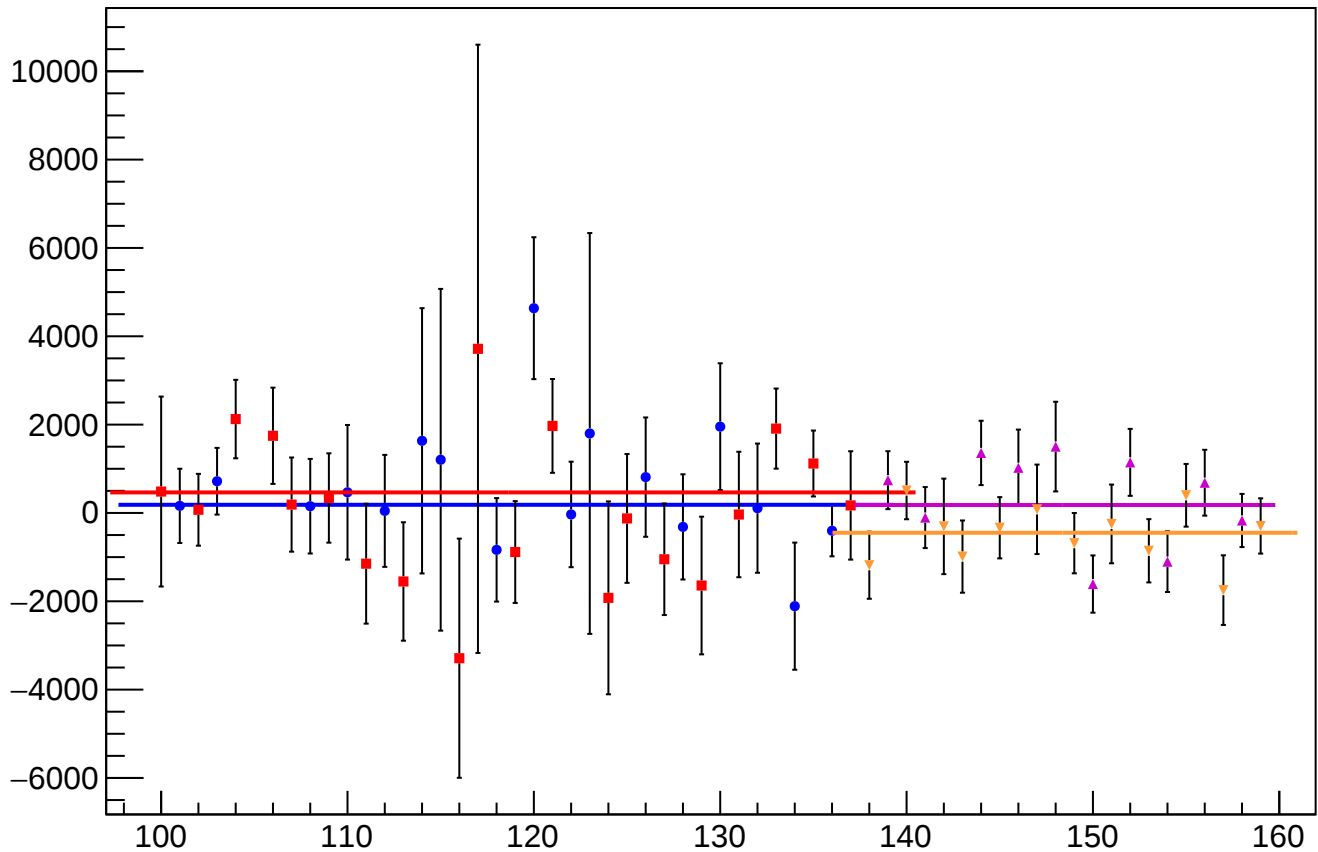
Left In: 631.753 $\pm$ 0.158 χ^2 /NDF: 286481.9/9

659.506 $\pm$ 0.120 χ^2 /NDF: 975682.2/28

655.078 $\pm$ 0.085 χ^2 /NDF: 1998808.9/58

650.664 $\pm$ 0.120 χ^2 /NDF: 1020413.1/29

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 184.518 ± 279.390 χ^2/NDF : 14.9/16

Left Out: -448.802 ± 218.194 χ^2/NDF : 8.5/11

Right Out: 464.916 ± 262.768 χ^2/NDF : 22.5/19

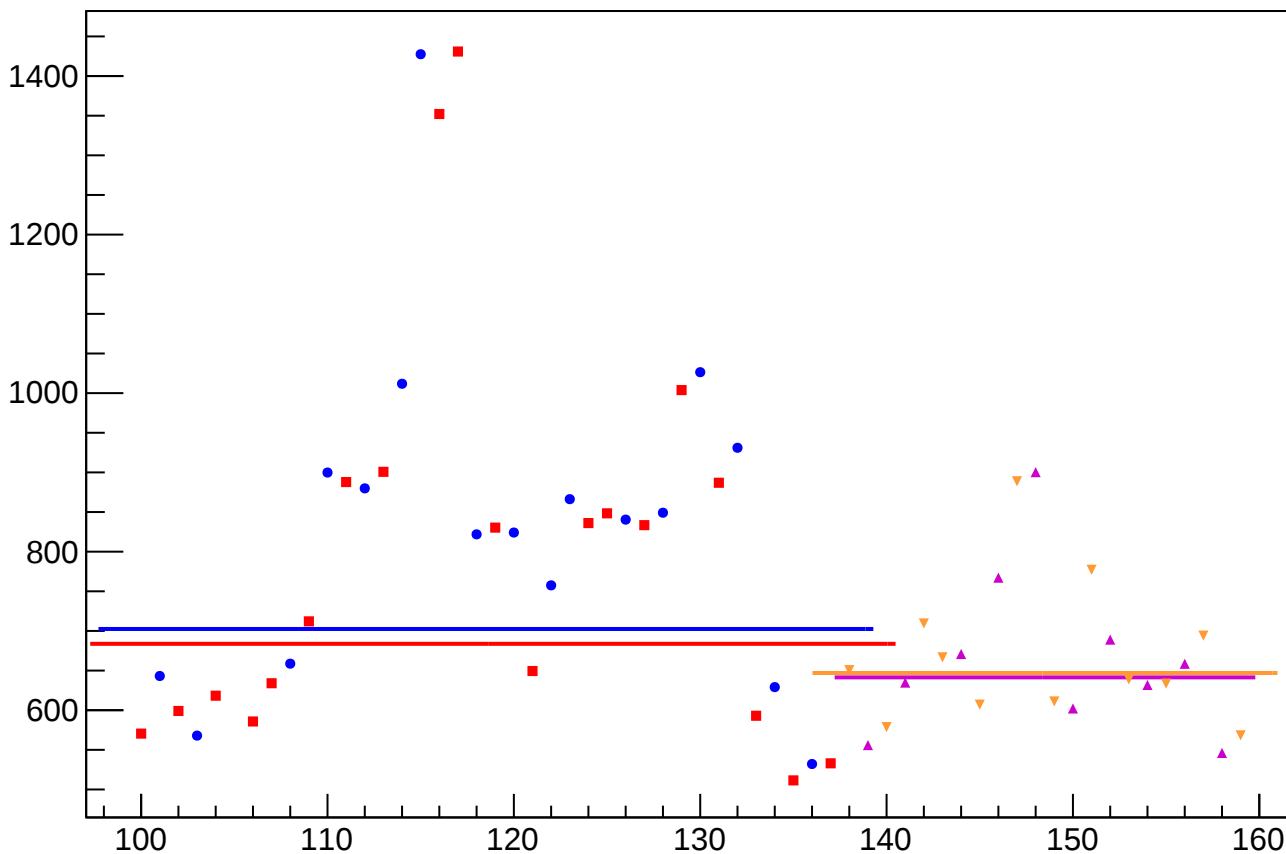
Left In: 179.741 ± 227.007 χ^2/NDF : 19.7/9

-208.871 ± 171.966 χ^2/NDF : 26.7/28

46.647 ± 121.533 χ^2/NDF : 74.0/58

301.617 ± 171.781 χ^2/NDF : 42.9/29

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 702.469 +/- 0.198 χ^2/NDF : 660525.4/16

Left Out: 646.967 +/- 0.154 χ^2/NDF : 238567.2/11

Right Out: 683.751 +/- 0.186 χ^2/NDF : 683105.3/19

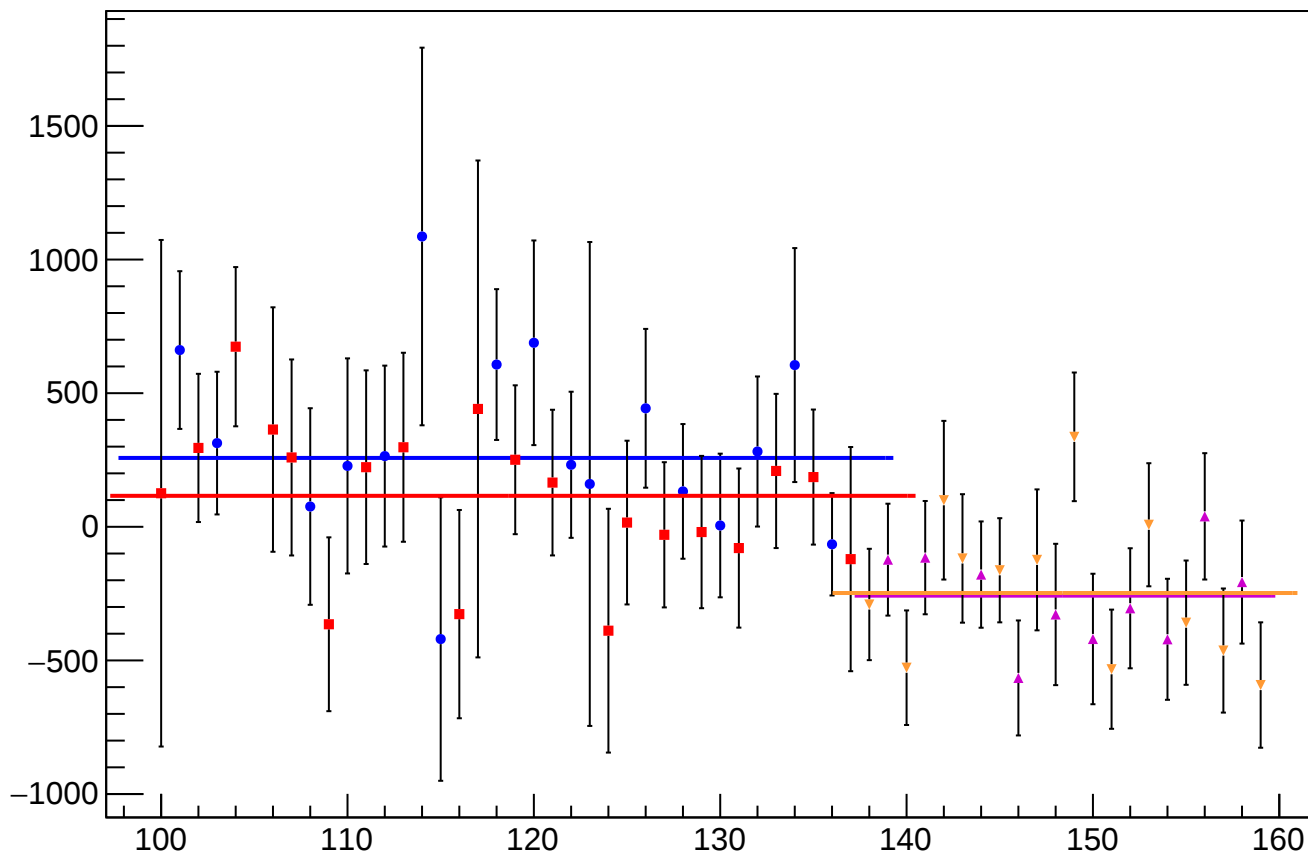
Left In: 641.408 +/- 0.161 χ^2/NDF : 276606.2/9

667.994 +/- 0.122 χ^2/NDF : 948118.3/28

663.744 +/- 0.086 χ^2/NDF : 1940008.7/58

659.504 +/- 0.121 χ^2/NDF : 989450.7/29

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 257.721 $\pm$ 75.931 χ^2 /NDF: 13.0/16

Left Out: -247.729 $\pm$ 66.576 χ^2 /NDF:15.8/11

Right Out: 115.922 $\pm$ 73.976 χ^2 /NDF: 11.4/19

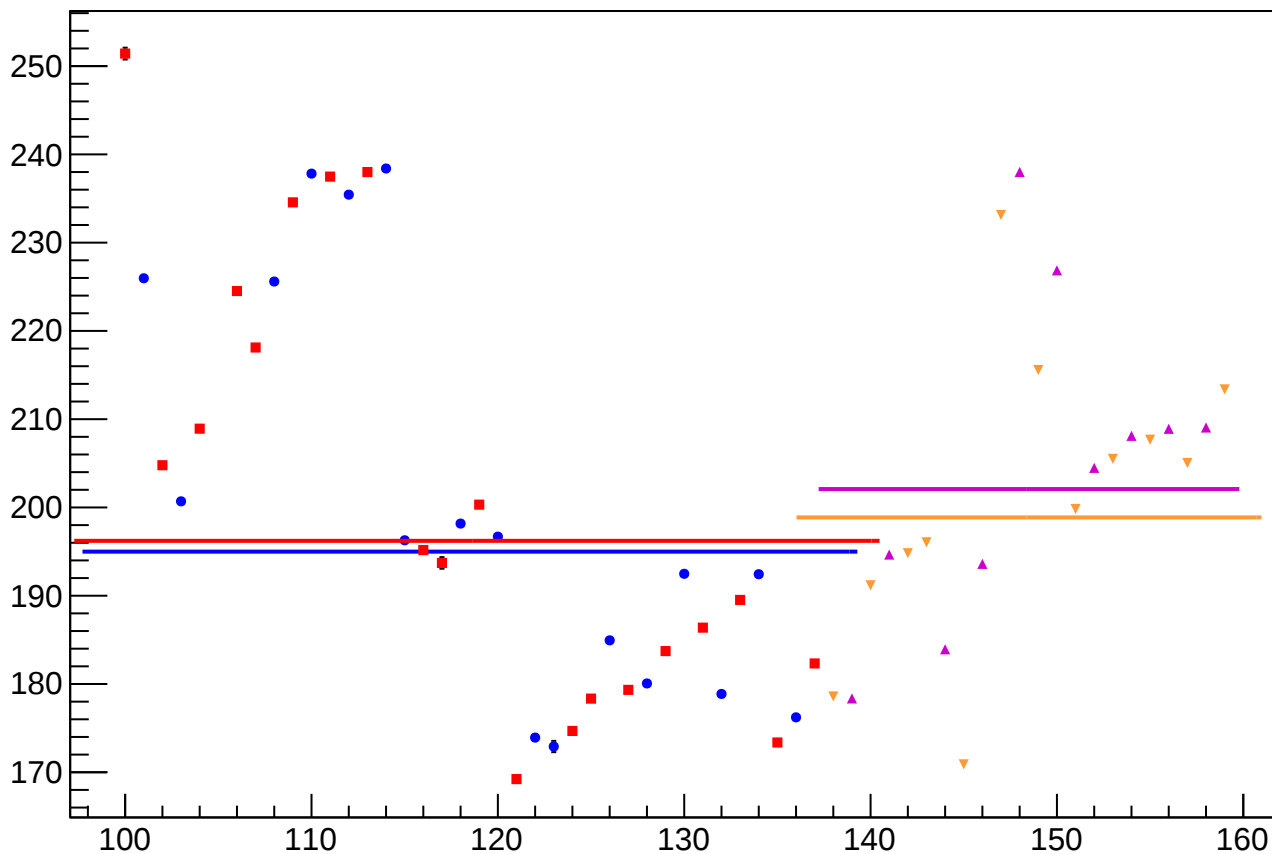
Left In: -257.630 $\pm$ 70.863 χ^2 /NDF:5.8/9

-28.042 $\pm$ 50.059 χ^2 /NDF: 53.9/28

-52.901 $\pm$ 35.784 χ^2 /NDF: 84.8/58

-78.878 $\pm$ 51.173 χ^2 /NDF: 30.4/29

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 194.994 $\pm$ 0.054 χ^2 /NDF: 144271.1/16

Left Out: 198.871 $\pm$ 0.047 χ^2 /NDF: 120410.7/11

Right Out: 196.219 $\pm$ 0.052 χ^2 /NDF: 173506.2/19

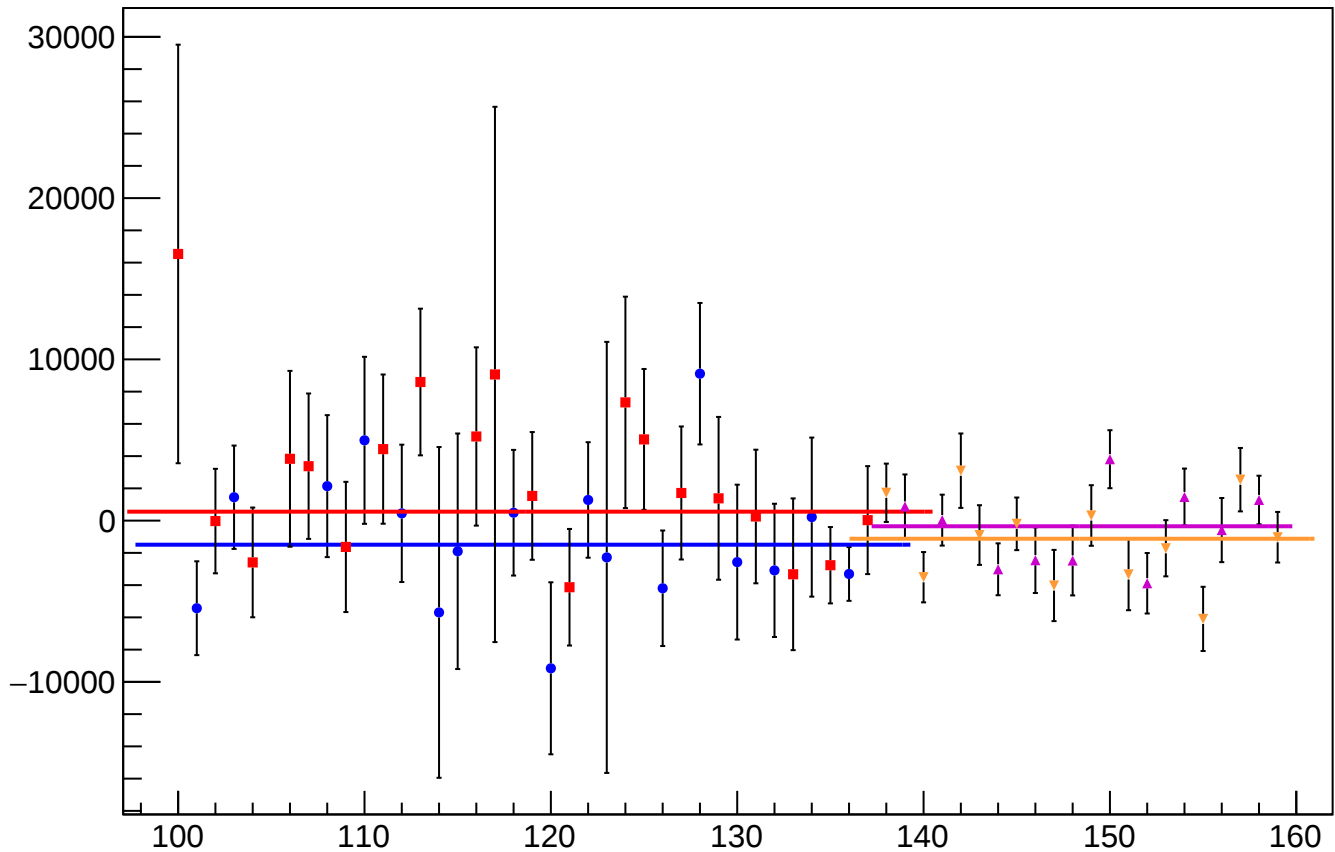
Left In: 202.086 $\pm$ 0.050 χ^2 /NDF: 110562.3/9

197.186 $\pm$ 0.035 χ^2 /NDF: 267628.4/28

198.209 $\pm$ 0.025 χ^2 /NDF: 559965.1/58

199.278 $\pm$ 0.036 χ^2 /NDF: 290627.8/29

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1493.280 $\pm$ 910.834 χ^2/NDF : 16.1/16

Left Out: -1123.270 $\pm$ 533.727 χ^2/NDF : 21.6/11

Right Out: 555.744 $\pm$ 933.239 χ^2/NDF : 14.9/19

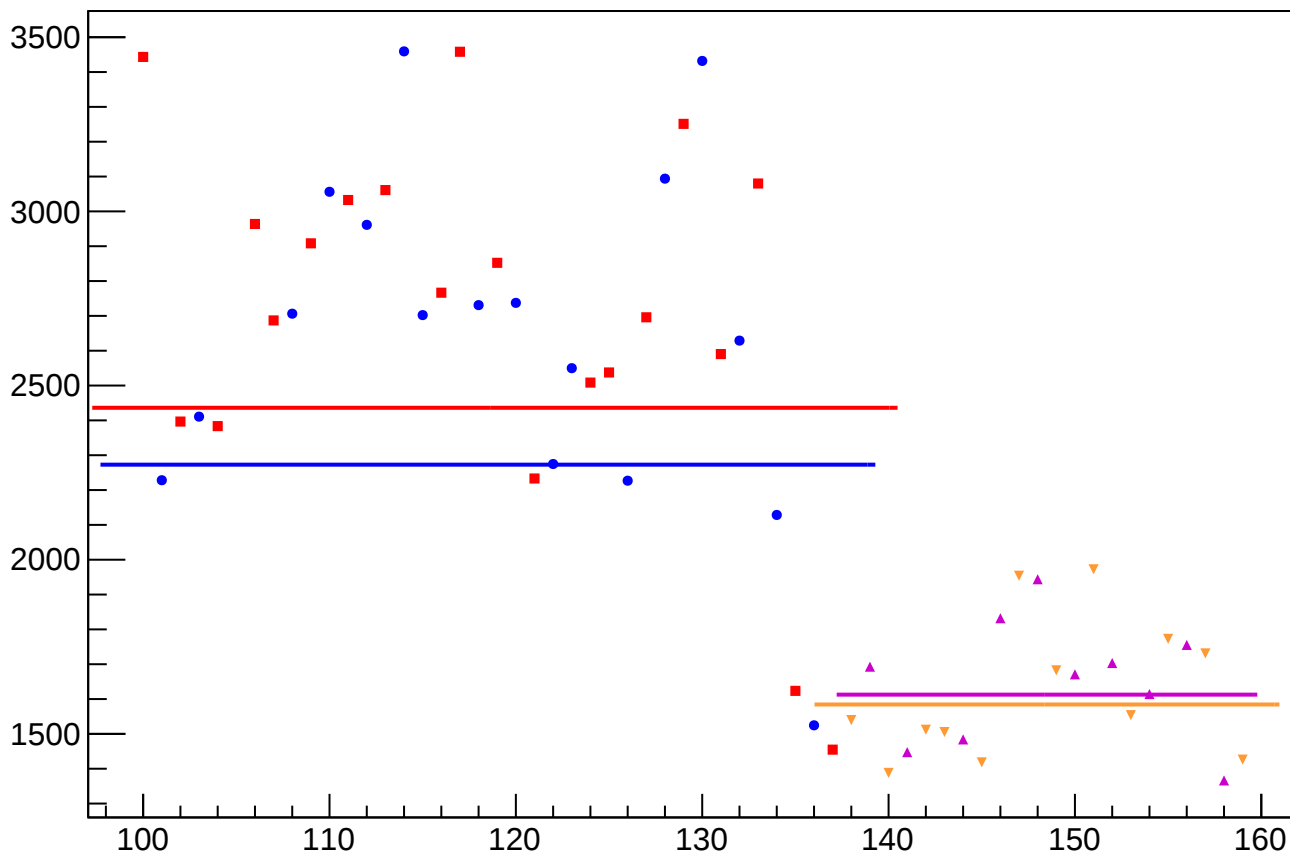
Left In: -350.610 $\pm$ 567.483 χ^2/NDF : 16.4/9

-1217.846 $\pm$ 460.491 χ^2/NDF : 37.9/28

-690.556 $\pm$ 333.904 χ^2/NDF : 72.6/58

-105.944 $\pm$ 484.876 χ^2/NDF : 32.0/29

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2272.883 $\pm$ 0.644 χ^2/NDF : 805650.3/16

Left Out: 1584.348 $\pm$ 0.377 χ^2/NDF : 231941.9/11

Right Out: 2436.191 $\pm$ 0.660 χ^2/NDF : 688391.3/19

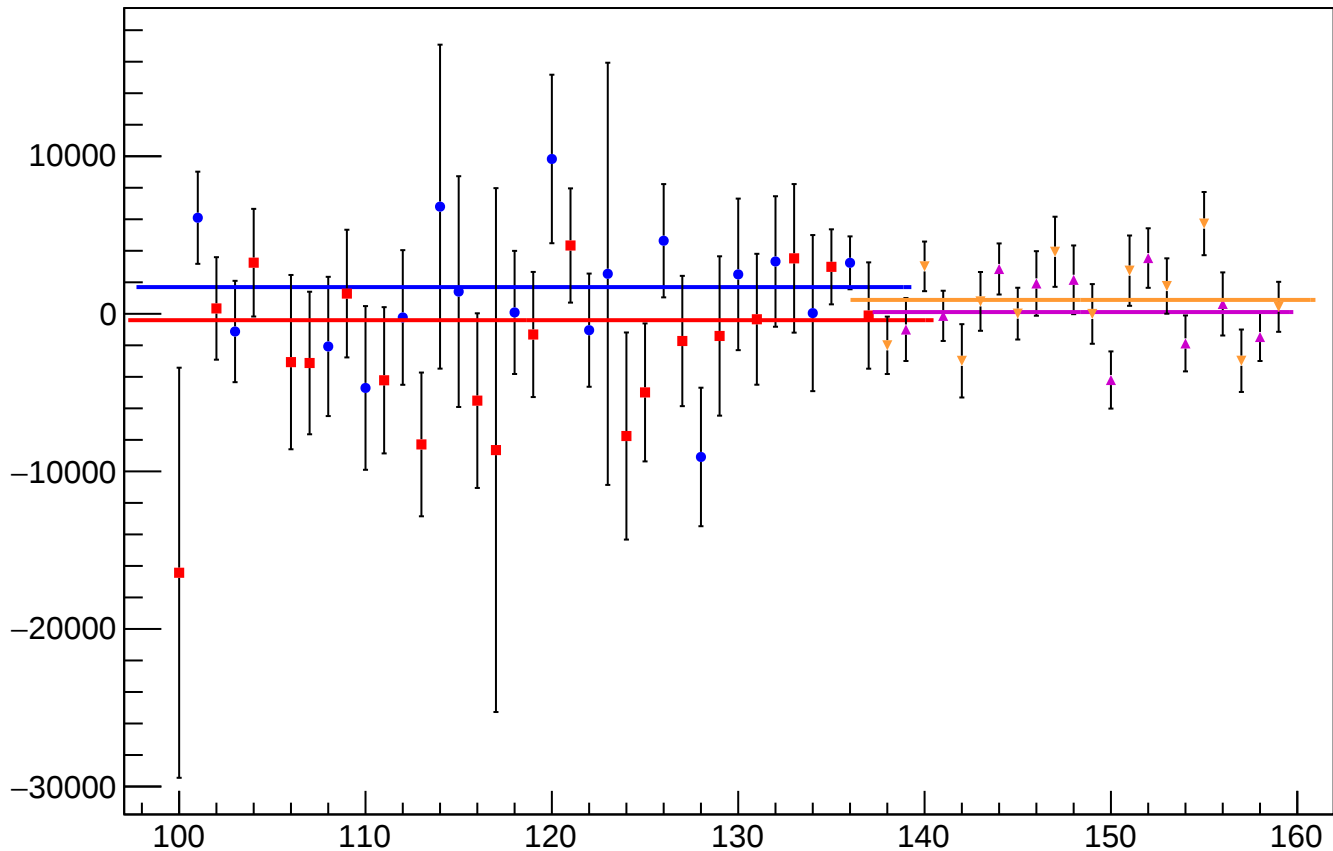
Left In: 1612.667 $\pm$ 0.401 χ^2/NDF : 178567.9/9

1760.339 $\pm$ 0.326 χ^2/NDF : 1888356.2/28

1795.733 $\pm$ 0.236 χ^2/NDF : 3917208.3/58

1834.973 $\pm$ 0.343 χ^2/NDF : 2003938.0/29

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1695.956 $\pm$ 914.855 χ^2/NDF : 16.6/16

Left Out: 882.380 $\pm$ 538.121 χ^2/NDF : 20.1/11

Right Out: -403.904 $\pm$ 937.036 χ^2/NDF : 15.2/19

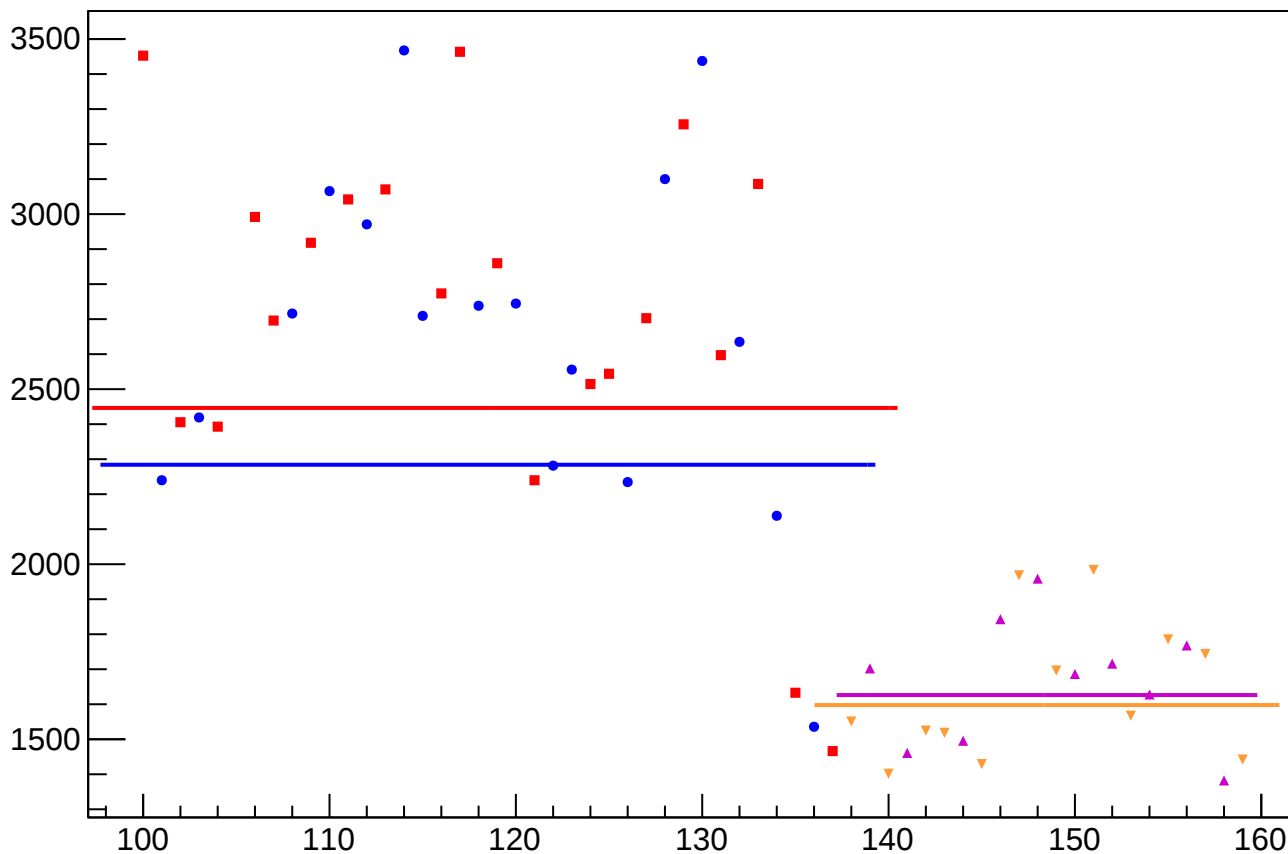
Left In: 111.064 $\pm$ 572.182 χ^2/NDF : 16.2/9

1091.509 $\pm$ 463.831 χ^2/NDF : 37.3/28

560.168 $\pm$ 336.308 χ^2/NDF : 71.7/58

-28.801 $\pm$ 488.337 χ^2/NDF : 31.6/29

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2284.104 $\pm$ 0.647 χ^2 /NDF: 793993.4/16

Left Out: 1597.718 $\pm$ 0.381 χ^2 /NDF:227924.8/11

Right Out: 2446.366 $\pm$ 0.663 χ^2 /NDF: 680413.3/19

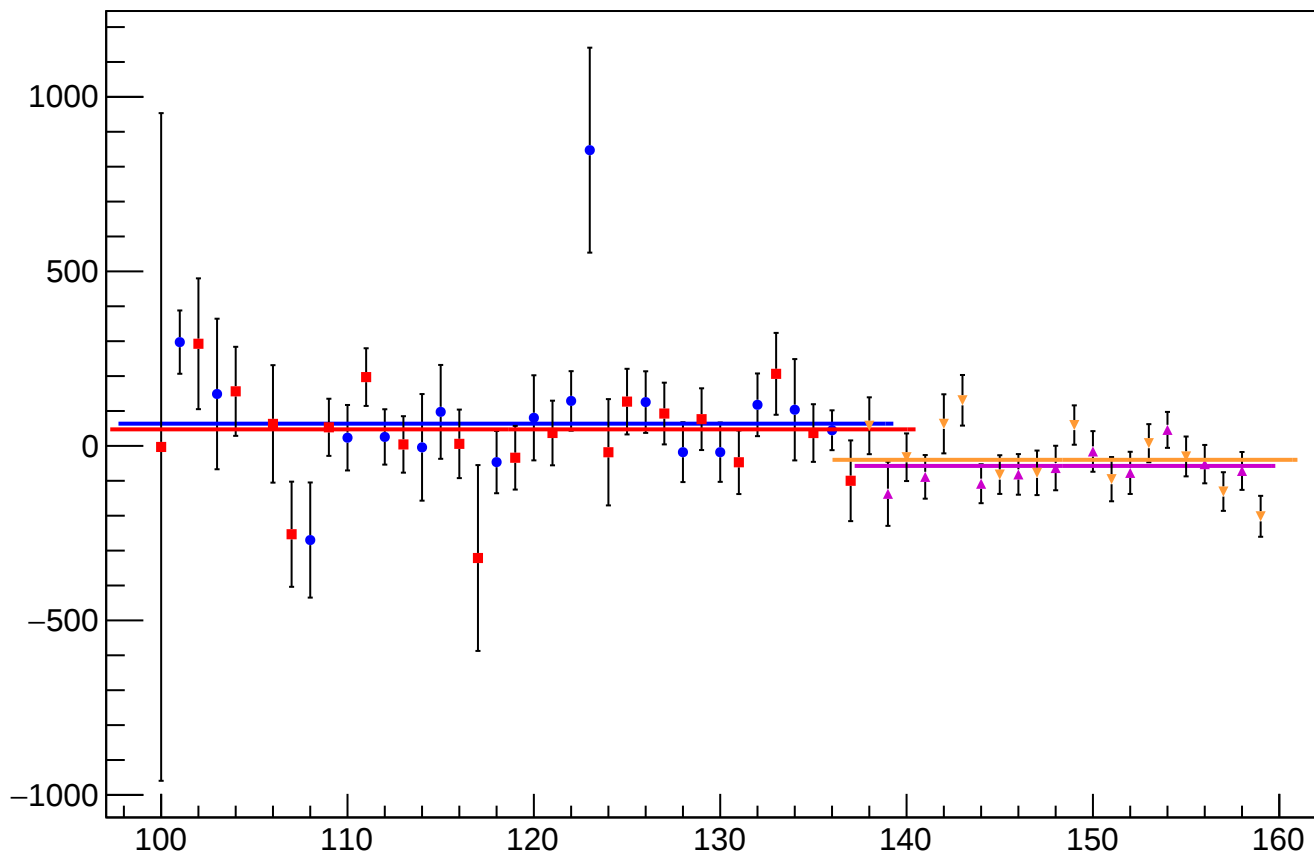
Left In: 1626.327 $\pm$ 0.405 χ^2 /NDF:174282.9/9

1774.152 $\pm$ 0.328 χ^2 /NDF: 1858333.4/28

1809.674 $\pm$ 0.238 χ^2 /NDF: 3853487.6/58

1849.049 $\pm$ 0.345 χ^2 /NDF: 1970421.9/29

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 63.666 $\pm$ 23.743 χ^2 /NDF: 23.7/16

Left Out: -39.909 $\pm$ 17.991 χ^2 /NDF: 24.4/11

Right Out: 47.367 $\pm$ 23.568 χ^2 /NDF: 18.7/19

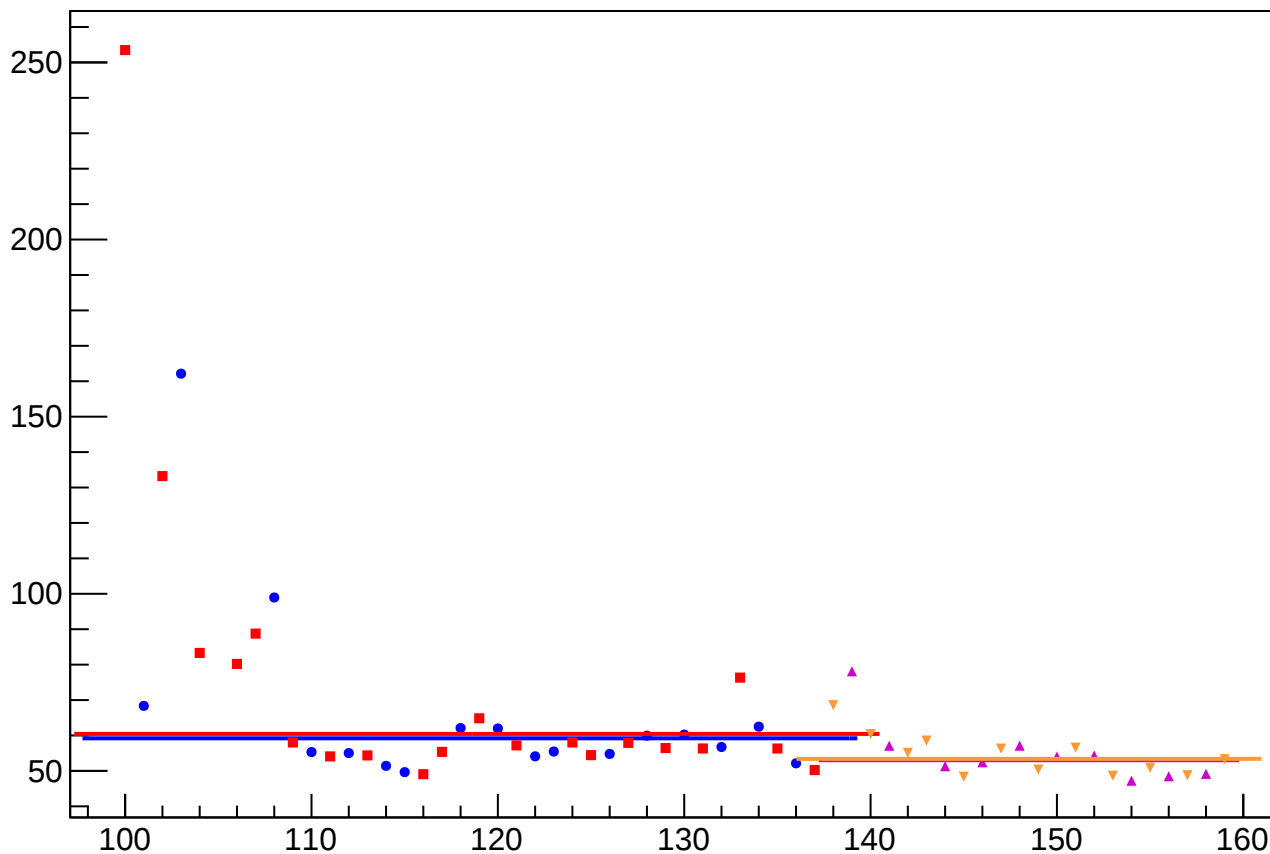
Left In: -57.389 $\pm$ 18.723 χ^2 /NDF: 6.7/9

-2.131 $\pm$ 14.339 χ^2 /NDF: 60.1/28

-9.330 $\pm$ 10.251 χ^2 /NDF: 98.2/58

-16.856 $\pm$ 14.660 χ^2 /NDF: 37.6/29

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 59.200+/-0.017 χ^2/NDF : 665472.4/16

Left Out: 53.403+/-0.013 χ^2/NDF : 165487.6/11

Right Out: 60.443+/-0.017 χ^2/NDF : 680790.3/19

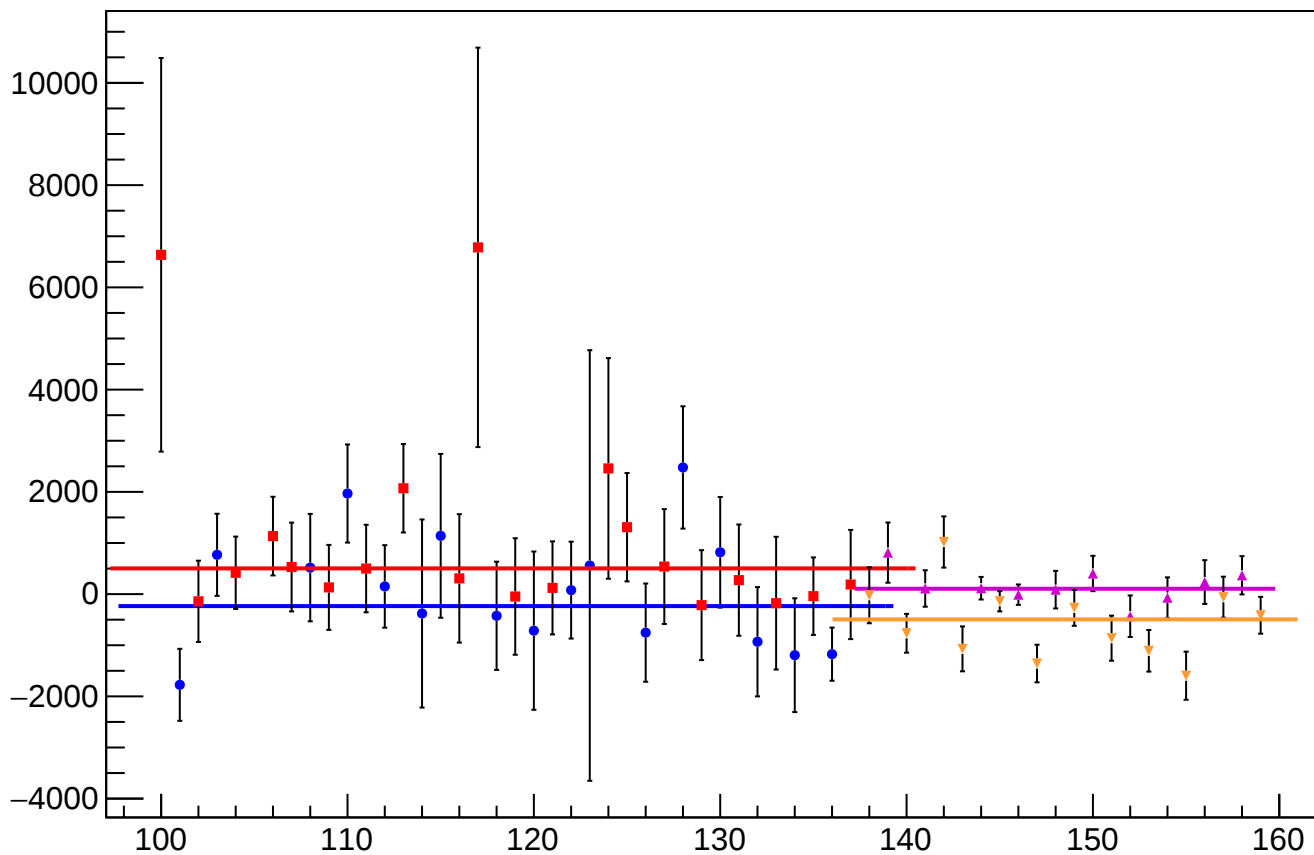
Left In: 53.021+/-0.013 χ^2/NDF : 218282.5/9

55.518+/-0.010 χ^2/NDF : 906705.0/28

55.701+/-0.007 χ^2/NDF : 1928047.2/58

55.893+/-0.010 χ^2/NDF : 1020672.8/29

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -234.492 ± 233.880 χ^2/NDF : 24.2/16

Left Out: -494.241 ± 105.357 χ^2/NDF : 30.9/11

Right Out: 503.638 ± 221.955 χ^2/NDF : 13.2/19

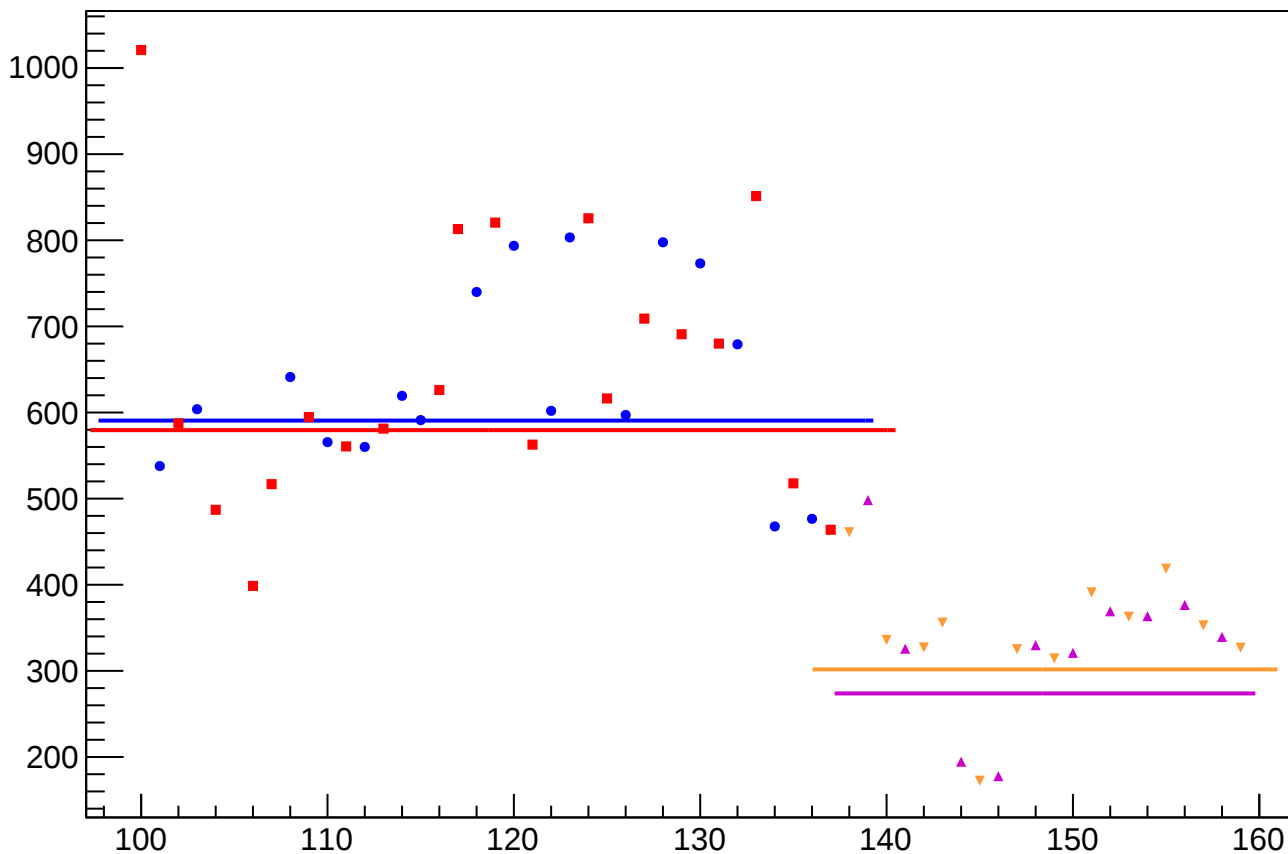
Left In: 105.042 ± 101.454 χ^2/NDF : 5.1/9

-450.423 ± 96.060 χ^2/NDF : 56.1/28

-125.691 ± 66.545 χ^2/NDF : 99.0/58

173.929 ± 92.271 χ^2/NDF : 20.9/29

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 590.659+/-0.165 χ^2/NDF : 352080.1/16

Left Out: 301.707+/-0.074 χ^2/NDF :1377802.8/11

Right Out: 579.509+/-0.157 χ^2/NDF : 501132.1/19

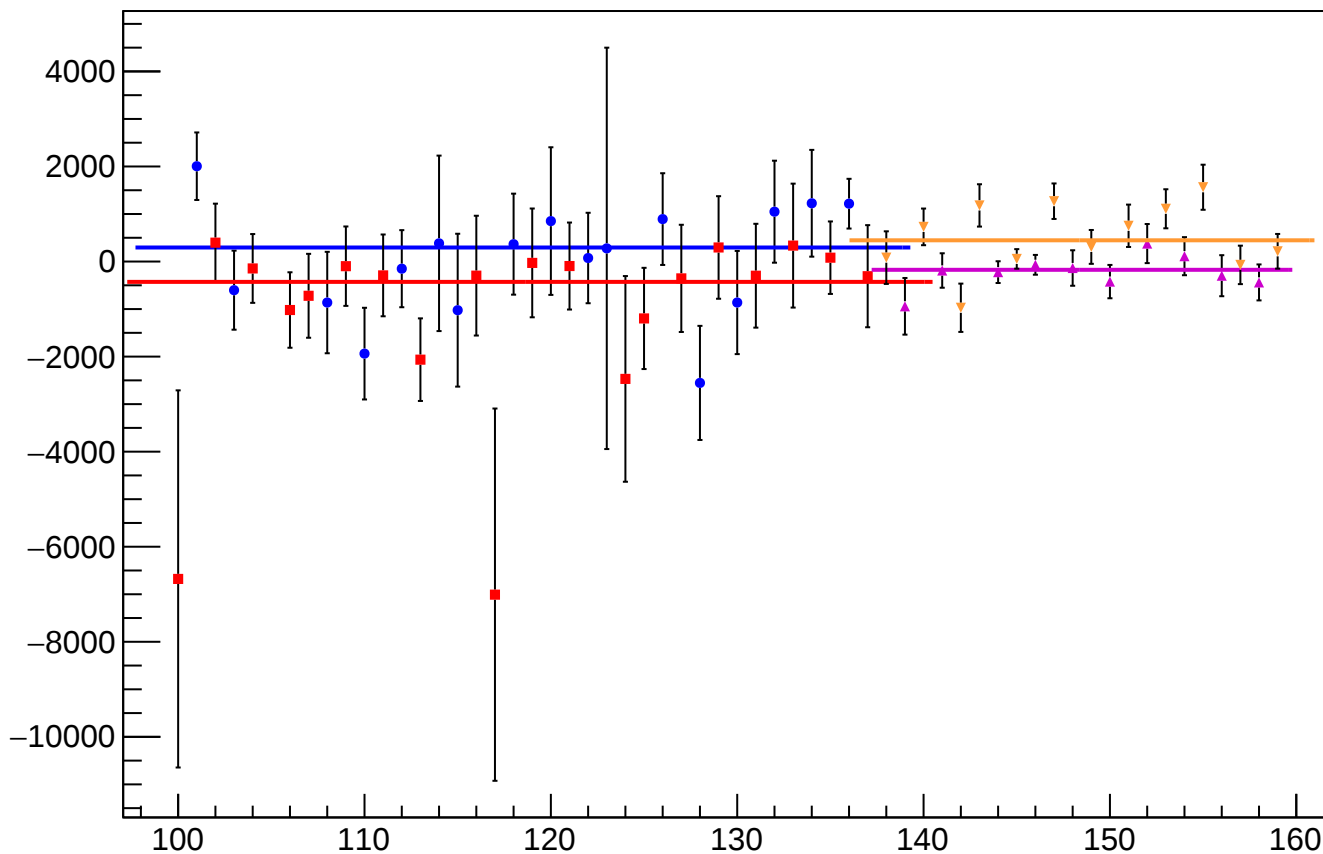
Left In: 273.801+/-0.072 χ^2/NDF :1527194.8/9

350.451+/-0.068 χ^2/NDF : 4267686.0/28

338.064+/-0.047 χ^2/NDF : 9498391.9/58

326.635+/-0.065 χ^2/NDF : 5166762.1/29

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 295.401 ± 235.860 χ^2/NDF : 26.1/16

Left Out: 446.818 ± 107.445 χ^2/NDF : 30.8/11

Right Out: -427.853 ± 224.485 χ^2/NDF : 13.8/19

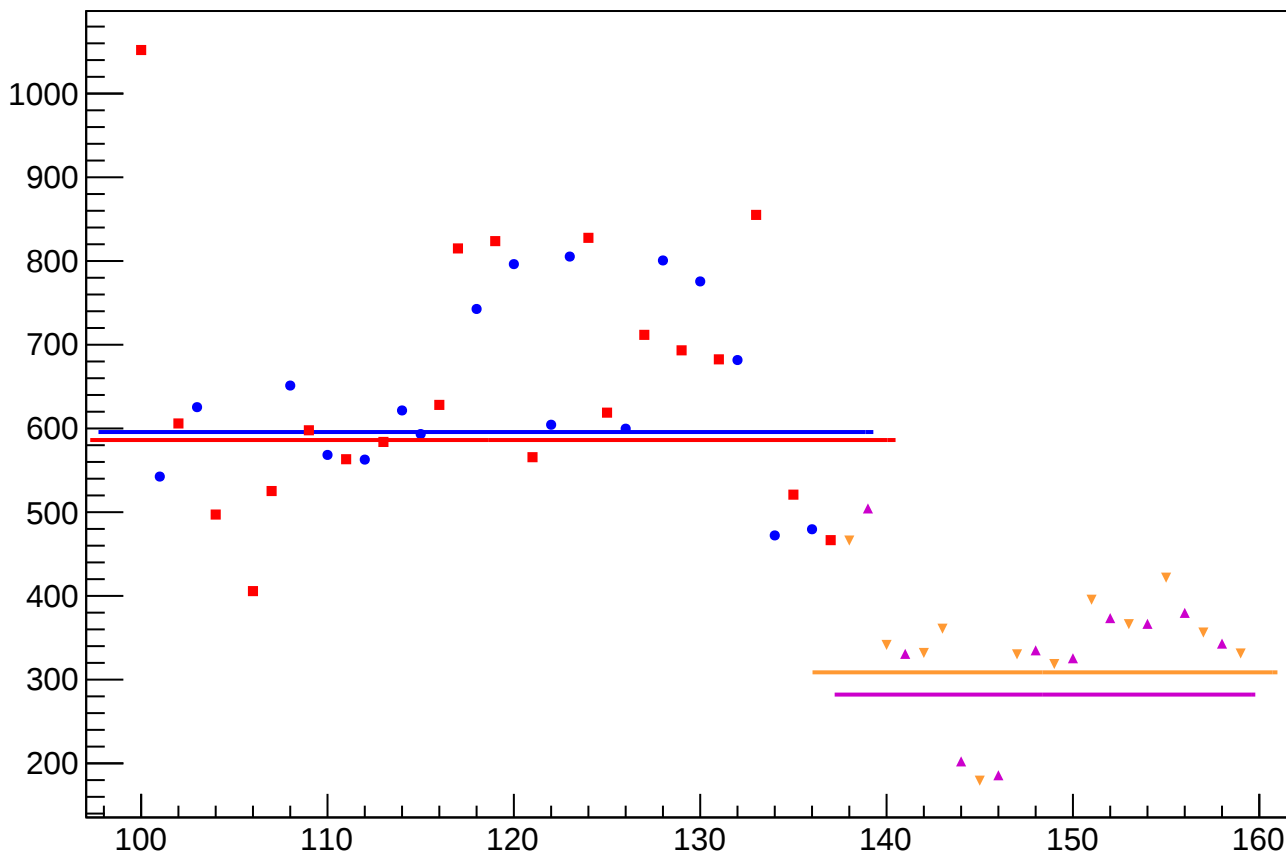
Left In: -173.917 ± 104.031 χ^2/NDF : 5.4/9

420.796 ± 97.777 χ^2/NDF : 57.2/28

89.715 ± 67.909 χ^2/NDF : 99.6/58

-218.811 ± 94.388 χ^2/NDF : 20.2/29

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 595.734+/-0.167 χ^2/NDF : 350058.2/16

Left Out: 308.703+/-0.076 χ^2/NDF : 1271450.2/11

Right Out: 586.176+/-0.159 χ^2/NDF : 481325.4/19

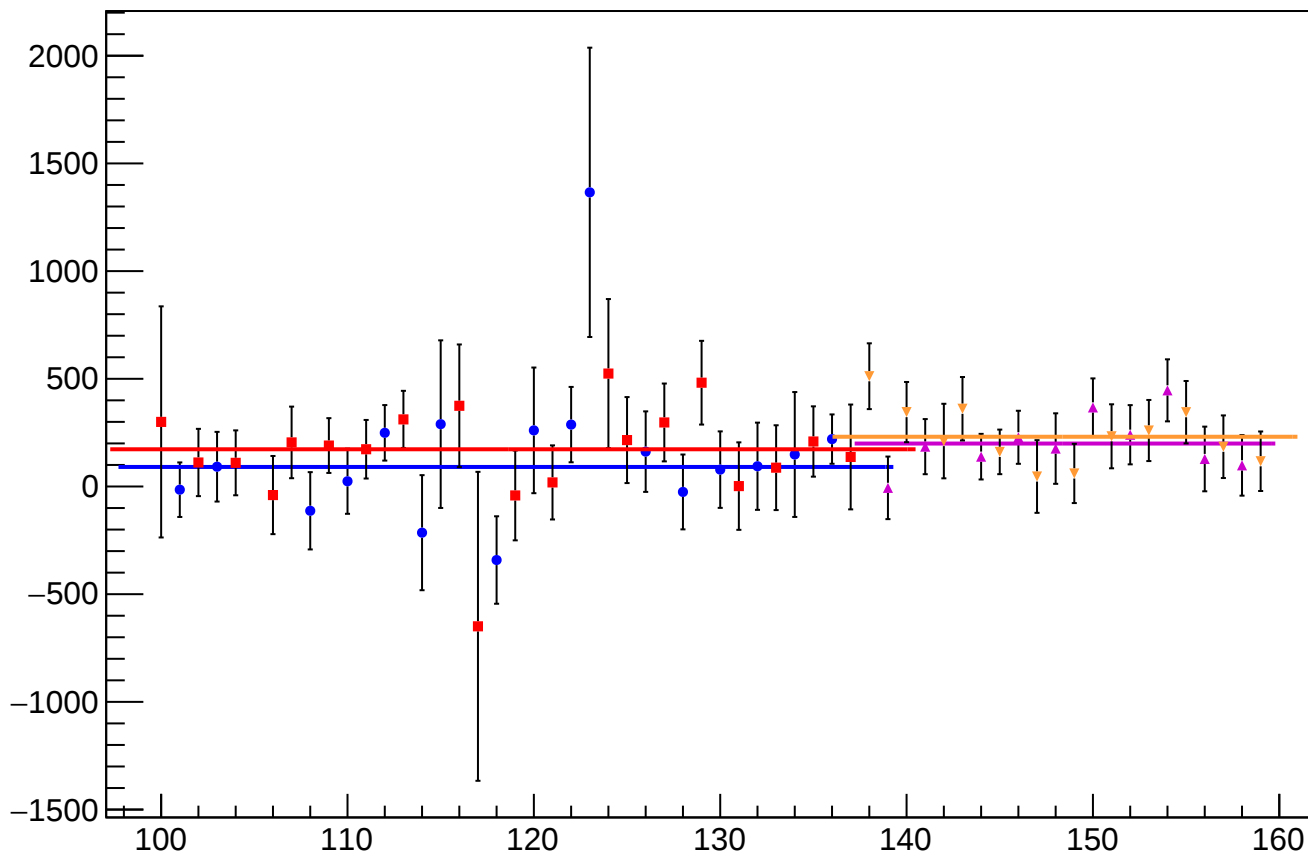
Left In: 282.130+/-0.074 χ^2/NDF : 1398430.5/9

358.031+/-0.069 χ^2/NDF : 4074424.2/28

346.566+/-0.048 χ^2/NDF : 9027545.9/58

335.883+/-0.067 χ^2/NDF : 4900002.8/29

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 90.711+/-43.312 χ^2/NDF : 16.9/16

Left Out: 230.935+/-40.920 χ^2/NDF : 9.5/11

Right Out: 172.786+/-41.033 χ^2/NDF : 11.6/19

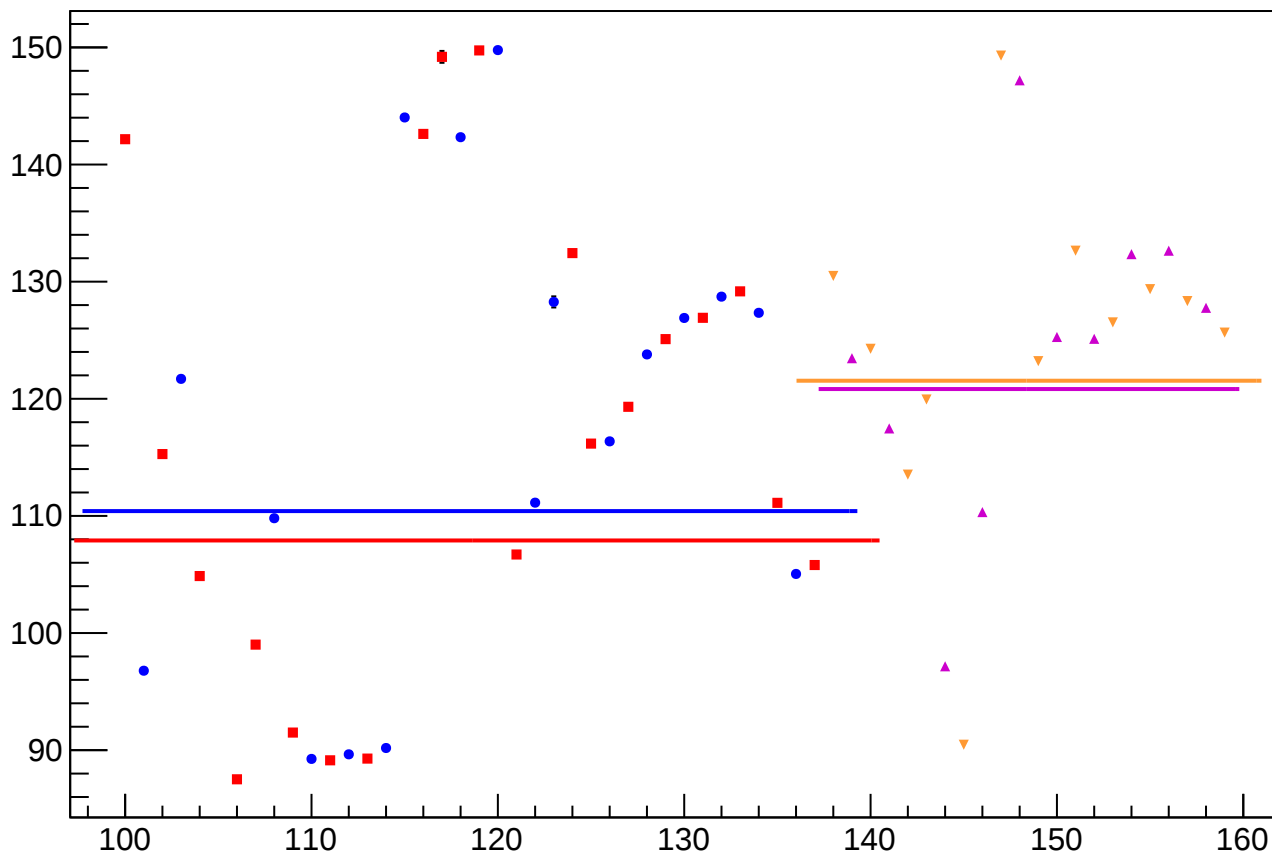
Left In: 199.401+/-42.562 χ^2/NDF : 7.7/9

164.802+/-29.745 χ^2/NDF : 31.9/28

175.276+/-20.960 χ^2/NDF : 51.7/58

185.607+/-29.541 χ^2/NDF : 19.6/29

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 110.411+/-0.031 χ^2/NDF : 296425.4/16

Left Out: 121.542+/-0.029 χ^2/NDF : 272657.5/11

Right Out: 107.903+/-0.029 χ^2/NDF : 351091.4/19

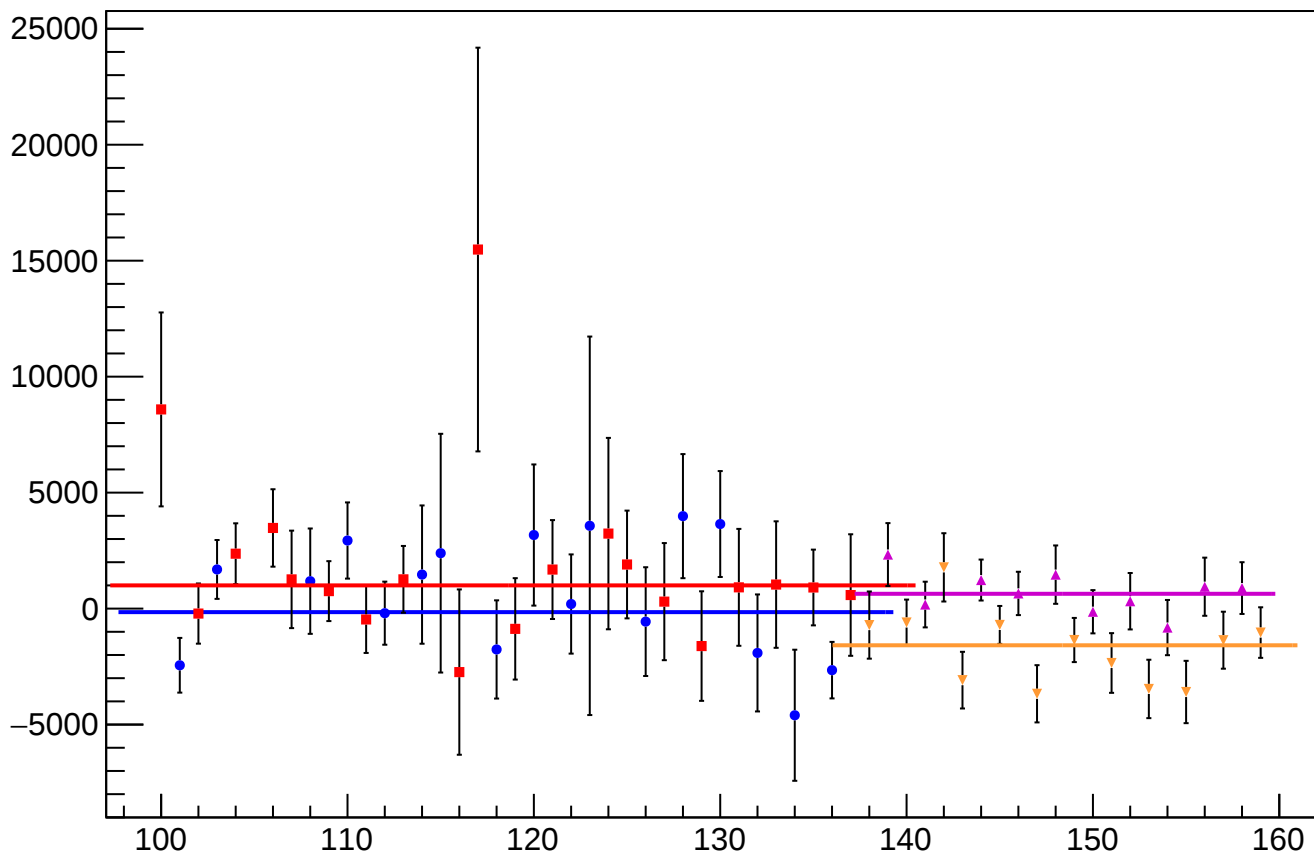
Left In: 120.832+/-0.030 χ^2/NDF : 202618.3/9

116.293+/-0.021 χ^2/NDF : 638878.7/28

115.205+/-0.015 χ^2/NDF : 1293548.8/58

114.131+/-0.021 χ^2/NDF : 649353.9/29

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -152.403 ± 464.753 χ^2/NDF : 24.7/16

Left Out: -1581.624 ± 330.011 χ^2/NDF : 17.3/11

Right Out: 1000.907 ± 434.569 χ^2/NDF : 15.1/19

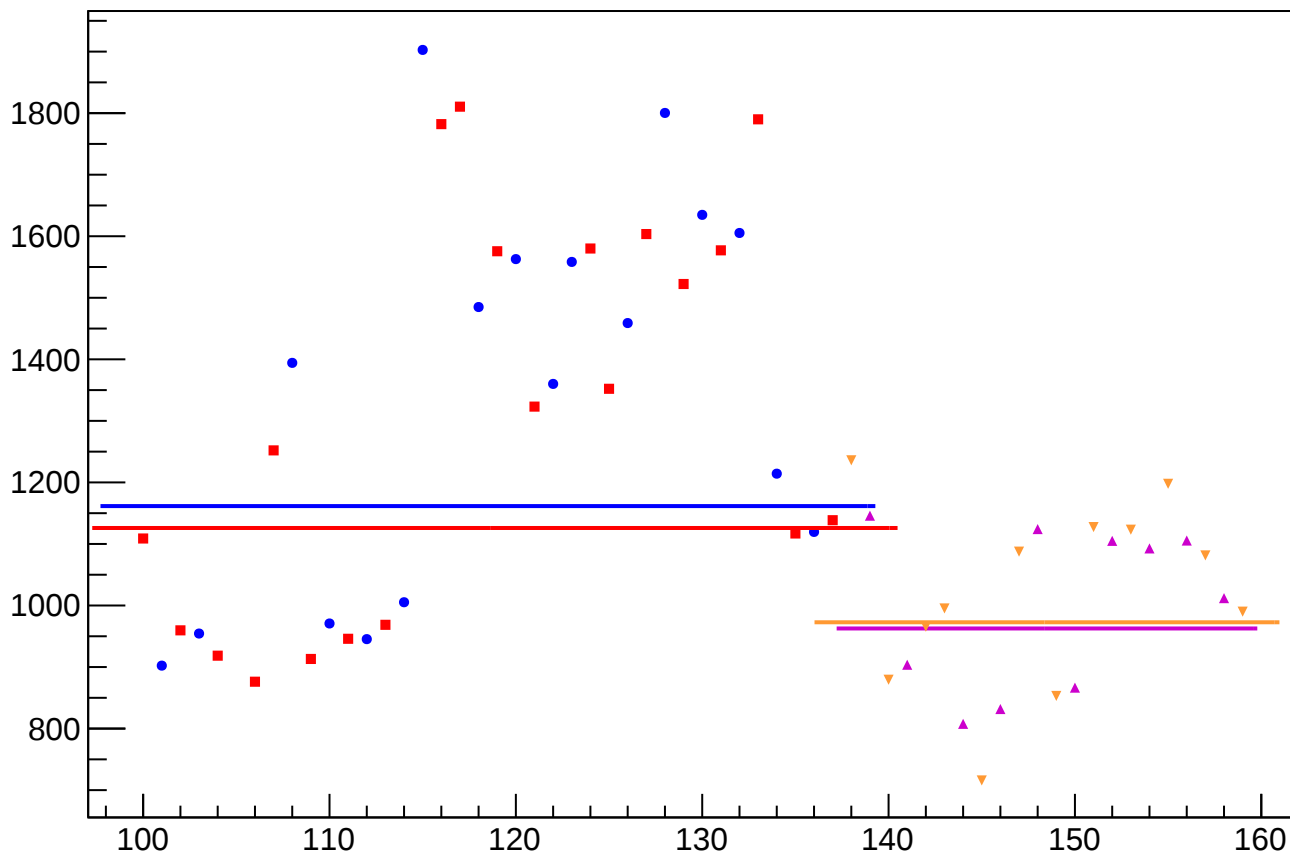
Left In: 638.329 ± 340.854 χ^2/NDF : 5.0/9

-1102.548 ± 269.075 χ^2/NDF : 48.2/28

-159.989 ± 189.954 χ^2/NDF : 93.2/58

776.429 ± 268.197 χ^2/NDF : 20.5/29

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1161.530 $\pm$ 0.329 χ^2 /NDF: 695906.9/16

Left Out: 972.734 $\pm$ 0.233 χ^2 /NDF: 460758.7/11

Right Out: 1125.946 $\pm$ 0.307 χ^2 /NDF: 780195.3/19

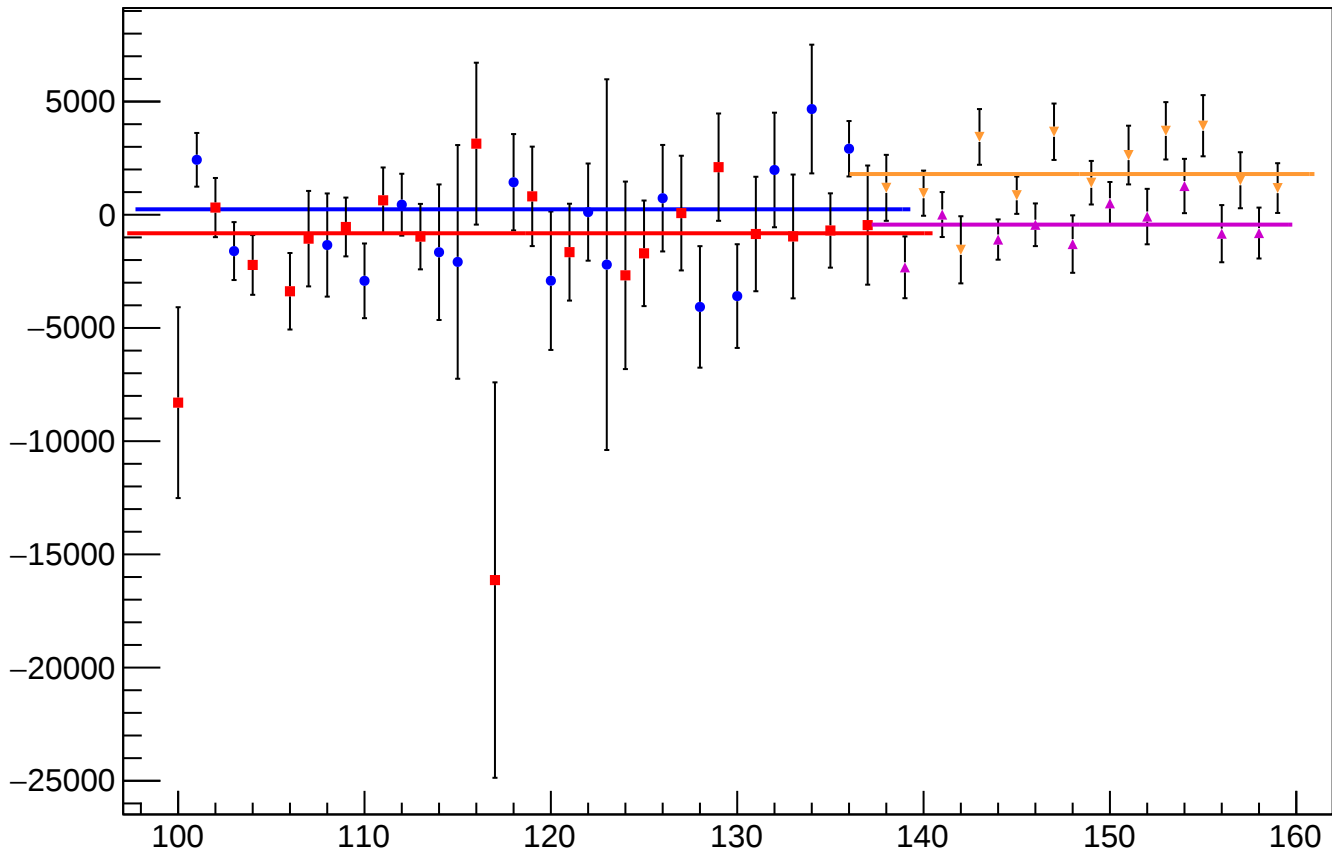
Left In: 962.667 $\pm$ 0.241 χ^2 /NDF: 279917.7/9

1036.019 $\pm$ 0.190 χ^2 /NDF: 1376079.5/28

1030.420 $\pm$ 0.134 χ^2 /NDF: 2612720.9/58

1024.857 $\pm$ 0.190 χ^2 /NDF: 1234915.0/29

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 240.732 $\pm$ 467.036 χ^2 /NDF: 24.8/16

Left Out: 1798.355 $\pm$ 332.684 χ^2 /NDF: 17.0/11

Right Out: -817.635 $\pm$ 436.939 χ^2 /NDF: 15.4/19

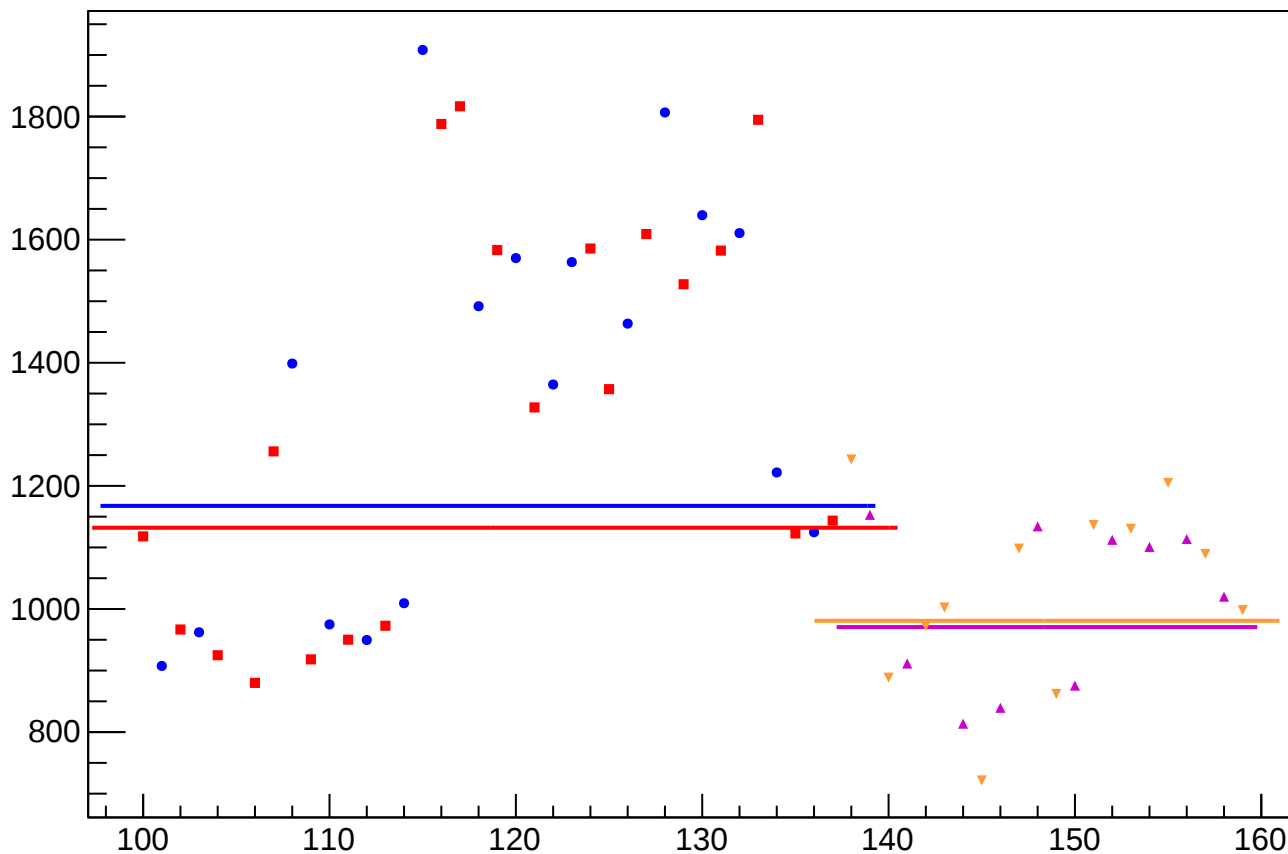
Left In: -435.677 $\pm$ 343.627 χ^2 /NDF: 6.4/9

1274.040 $\pm$ 270.967 χ^2 /NDF: 49.2/28

343.245 $\pm$ 191.297 χ^2 /NDF: 95.1/58

-581.638 $\pm$ 270.105 χ^2 /NDF: 22.3/29

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1167.539 $\pm$ 0.330 χ^2 /NDF: 690485.6/16

Left Out: 980.814 $\pm$ 0.235 χ^2 /NDF: 456360.5/11

Right Out: 1132.019 $\pm$ 0.309 χ^2 /NDF: 773827.8/19

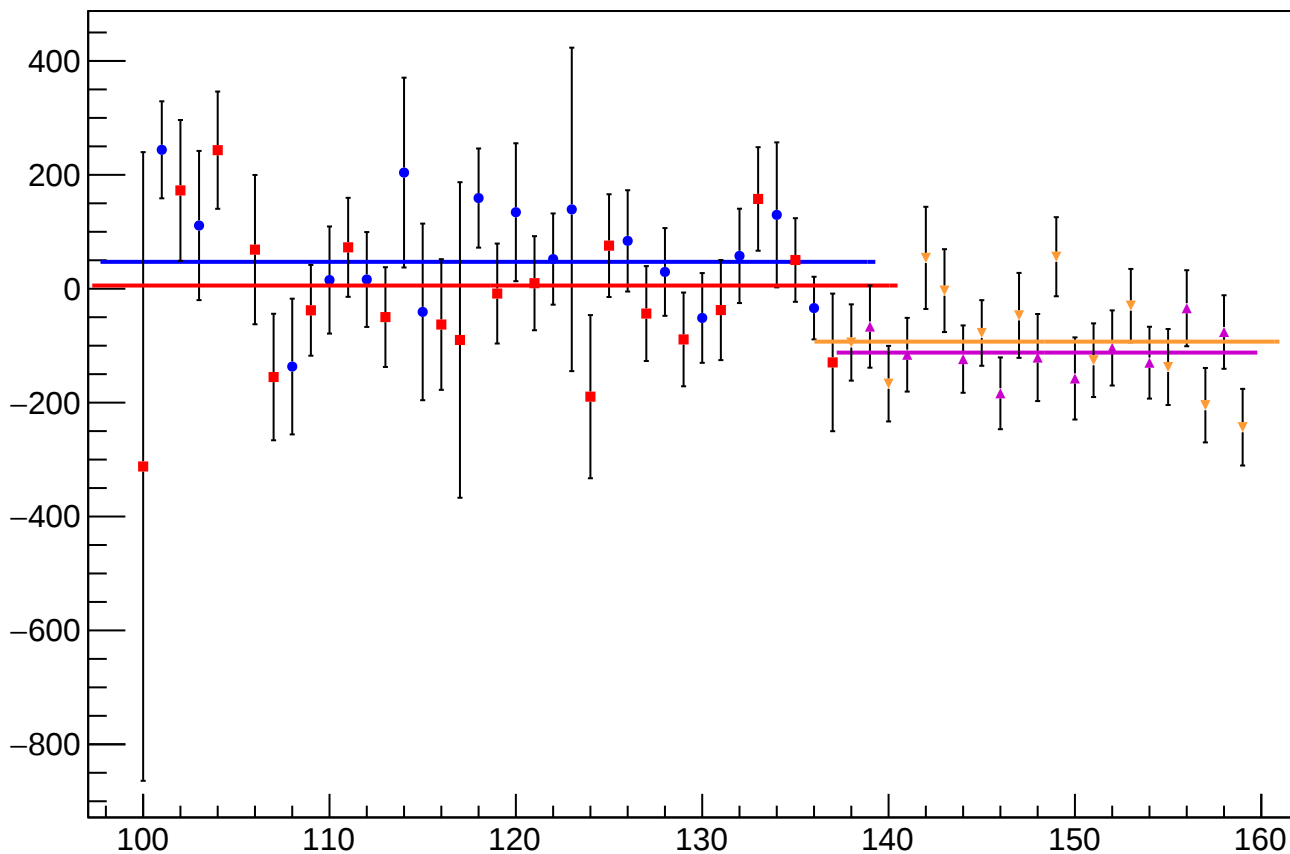
Left In: 970.654 $\pm$ 0.243 χ^2 /NDF: 277337.8/9

1043.668 $\pm$ 0.192 χ^2 /NDF: 1358926.2/28

1037.975 $\pm$ 0.135 χ^2 /NDF: 2580390.4/58

1032.318 $\pm$ 0.191 χ^2 /NDF: 1219704.1/29

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 47.220 $\pm$ 22.565 χ^2 /NDF: 16.1/16

Left Out: -92.884 $\pm$ 19.573 χ^2 /NDF:20.1/11

Right Out: 5.636 $\pm$ 22.057 χ^2 /NDF: 20.4/19

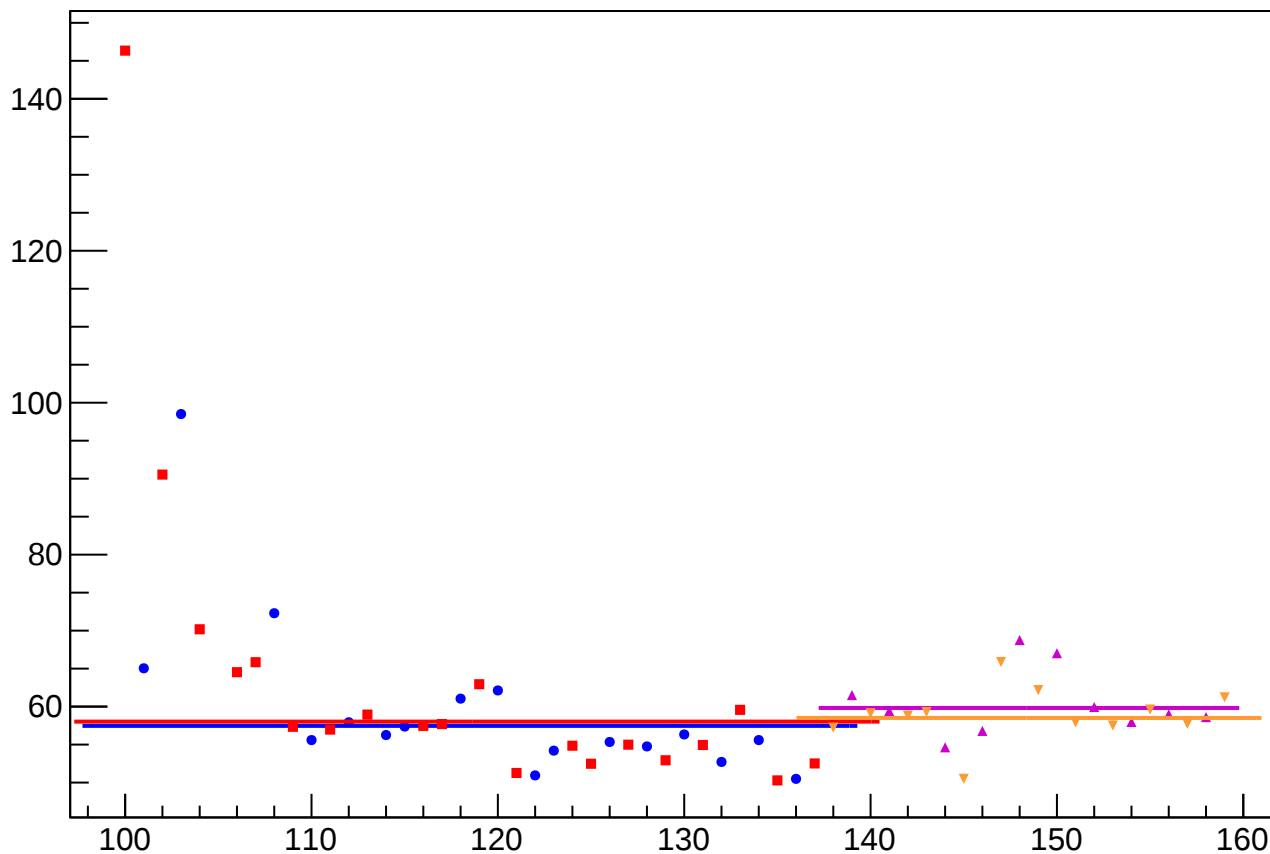
Left In: -112.143 $\pm$ 20.961 χ^2 /NDF:3.9/9

-32.728 $\pm$ 14.786 χ^2 /NDF: 58.2/28

-44.171 $\pm$ 10.597 χ^2 /NDF: 98.7/58

-56.254 $\pm$ 15.194 χ^2 /NDF: 39.3/29

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 57.465+/-0.016 χ^2/NDF : 307156.4/16

Left Out: 58.507+/-0.014 χ^2/NDF : 69577.6/11

Right Out: 58.025+/-0.016 χ^2/NDF : 300790.9/19

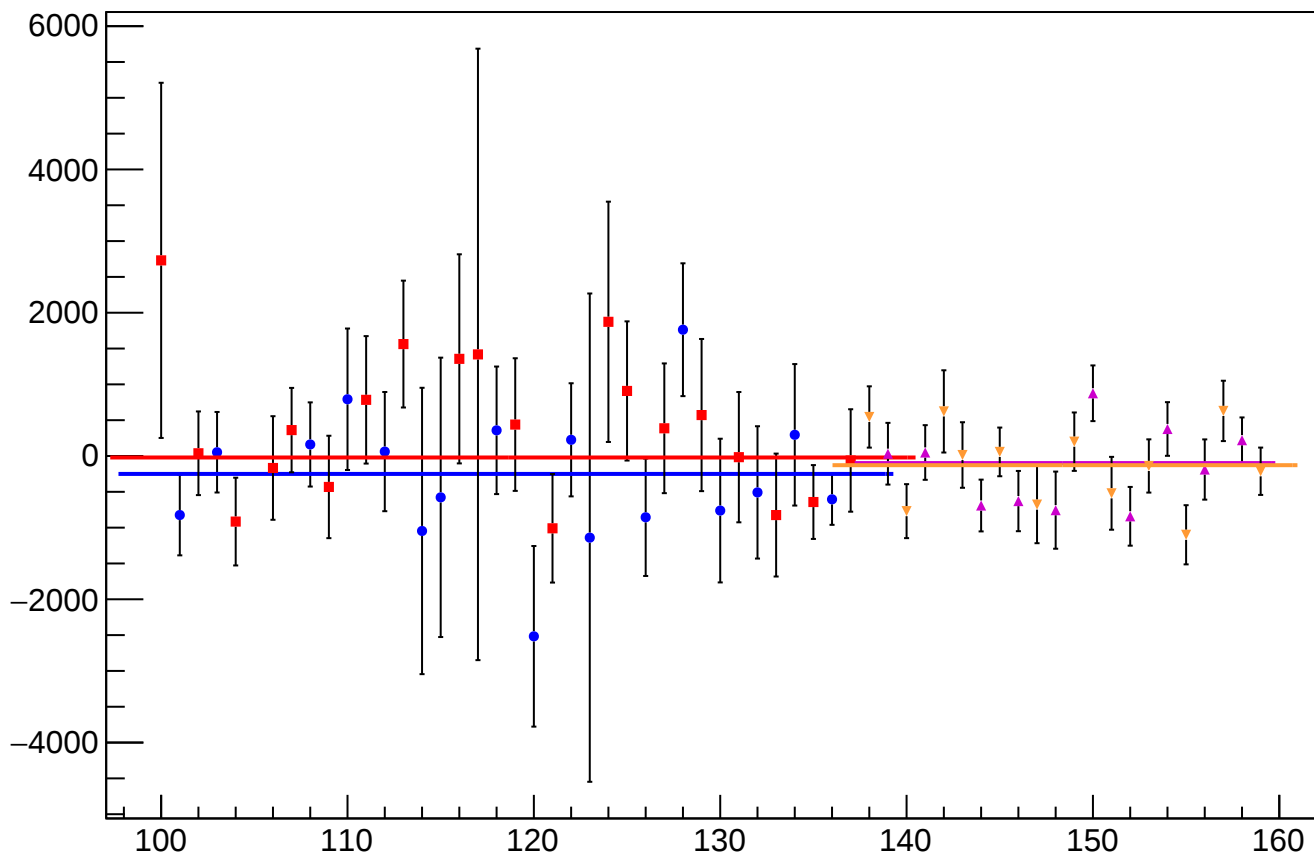
Left In: 59.820+/-0.015 χ^2/NDF : 71168.9/9

58.060+/-0.010 χ^2/NDF : 379166.3/28

58.502+/-0.007 χ^2/NDF : 761755.1/58

58.968+/-0.011 χ^2/NDF : 378917.9/29

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -250.140 $\pm$ 184.092 χ^2/NDF : 14.3/16

Left Out: -128.095 $\pm$ 119.343 χ^2/NDF : 18.6/11

Right Out: -20.701 $\pm$ 181.669 χ^2/NDF : 16.2/19

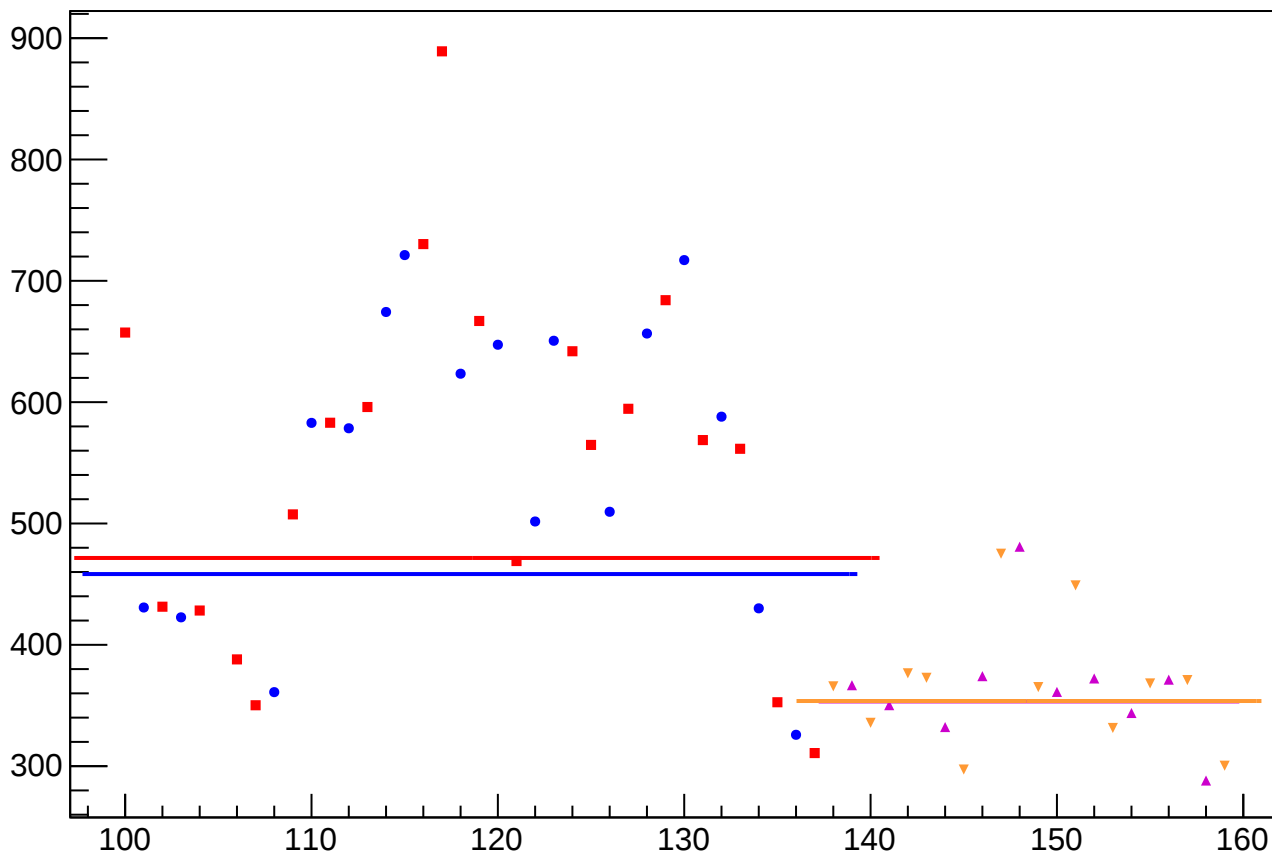
Left In: -98.754 $\pm$ 124.720 χ^2/NDF : 18.2/9

-164.209 $\pm$ 100.141 χ^2/NDF : 33.2/28

-120.174 $\pm$ 71.739 χ^2/NDF : 68.1/58

-73.751 $\pm$ 102.822 χ^2/NDF : 34.6/29

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 458.324 $\pm$ 0.130 χ^2 /NDF: 877201.7/16

Left Out: 353.690 $\pm$ 0.084 χ^2 /NDF: 306398.1/11

Right Out: 471.585 $\pm$ 0.128 χ^2 /NDF: 797816.0/19

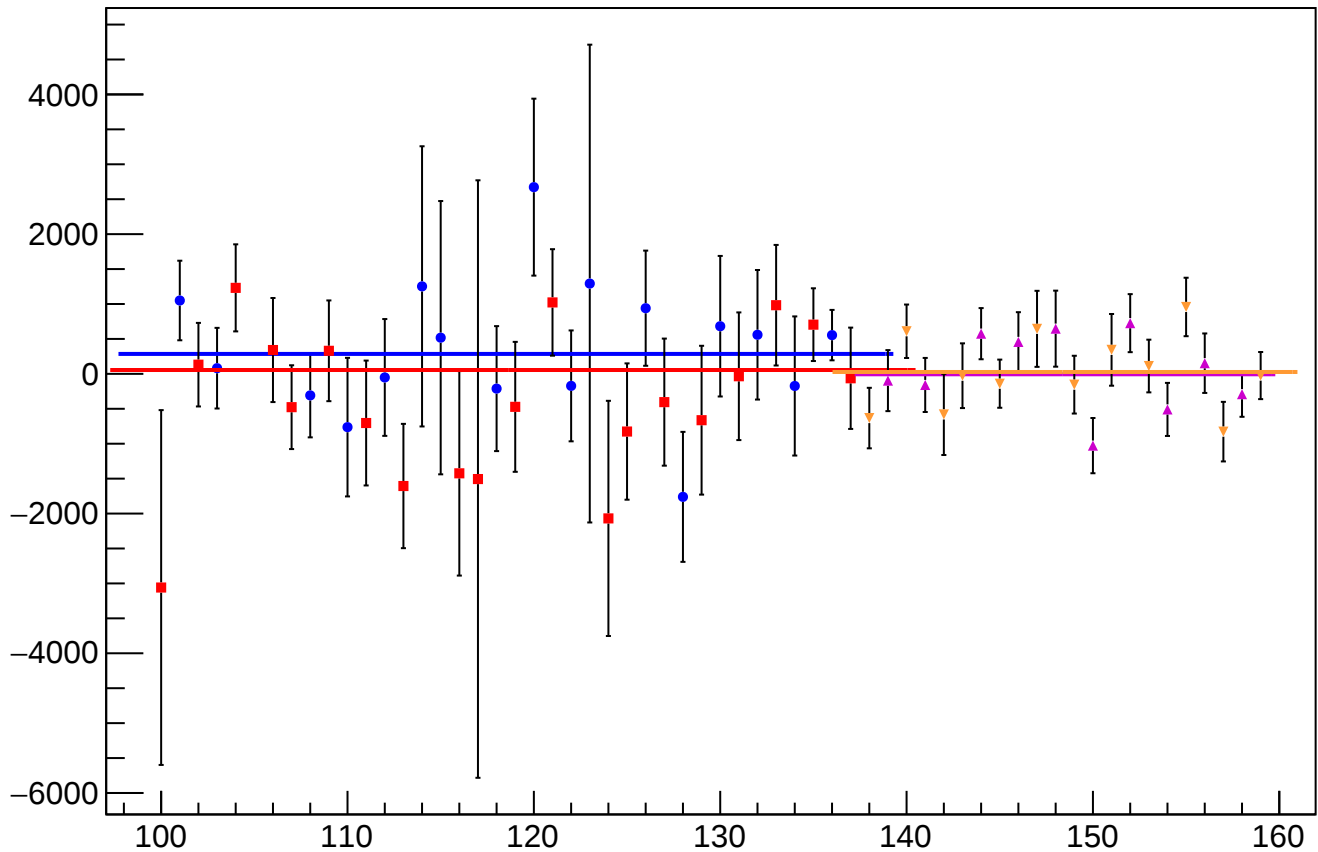
Left In: 353.326 $\pm$ 0.088 χ^2 /NDF: 220271.4/9

384.652 $\pm$ 0.071 χ^2 /NDF: 1638526.4/28

387.844 $\pm$ 0.051 χ^2 /NDF: 3236799.6/58

391.209 $\pm$ 0.073 χ^2 /NDF: 1594099.0/29

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 285.349 $\pm$ 186.262 χ^2 /NDF: 15.2/16

Left Out: 26.783 $\pm$ 121.044 χ^2 /NDF:16.9/11

Right Out: 55.109 $\pm$ 183.903 χ^2 /NDF: 19.3/19

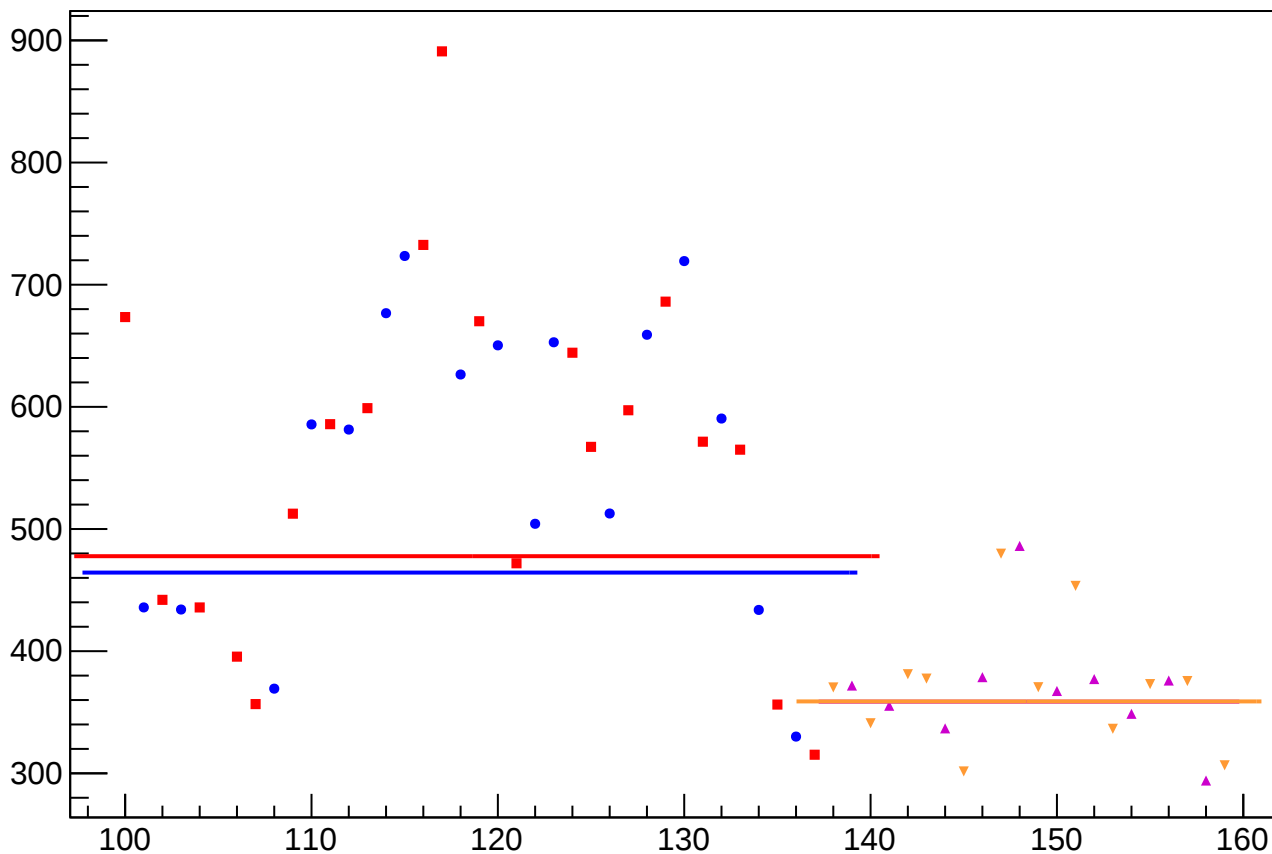
Left In: -6.270 $\pm$ 126.564 χ^2 /NDF:17.8/9

103.557 $\pm$ 101.495 χ^2 /NDF: 33.4/28

59.718 $\pm$ 72.726 χ^2 /NDF: 71.0/58

13.457 $\pm$ 104.260 χ^2 /NDF: 37.2/29

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 464.341 +/- 0.132 χ^2/NDF : 845900.9/16

Left Out: 358.873 +/- 0.086 χ^2/NDF : 296018.9/11

Right Out: 477.754 +/- 0.130 χ^2/NDF : 768041.0/19

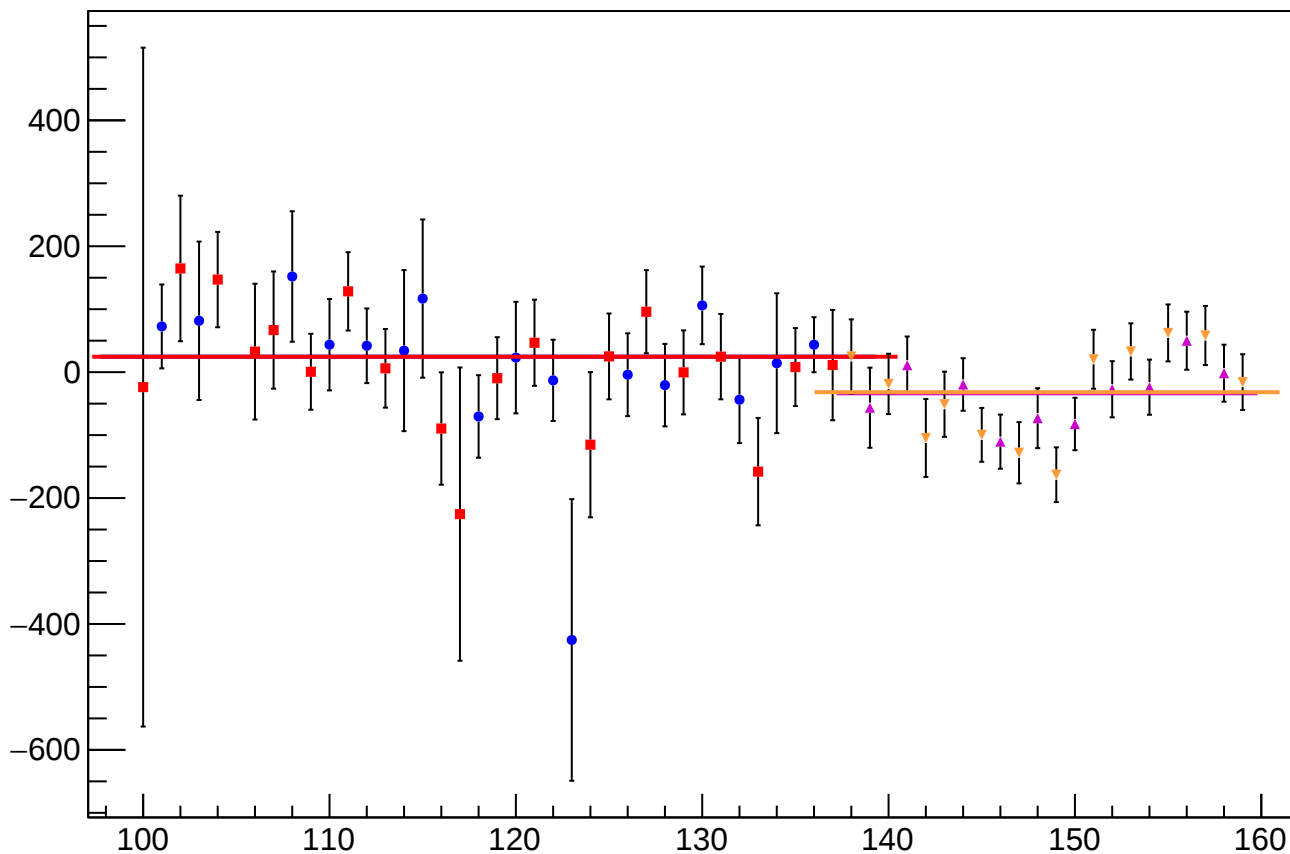
Left In: 358.679 +/- 0.089 χ^2/NDF : 212278.0/9

390.188 +/- 0.072 χ^2/NDF : 1592766.3/28

393.479 +/- 0.051 χ^2/NDF : 3146393.1/58

396.951 +/- 0.074 χ^2/NDF : 1549306.7/29

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 24.584 $\pm$ 17.839 χ^2 /NDF: 13.0/16

Left Out: -31.812 $\pm$ 13.780 χ^2 /NDF:29.5/11

Right Out: 24.491 $\pm$ 17.338 χ^2 /NDF: 18.0/19

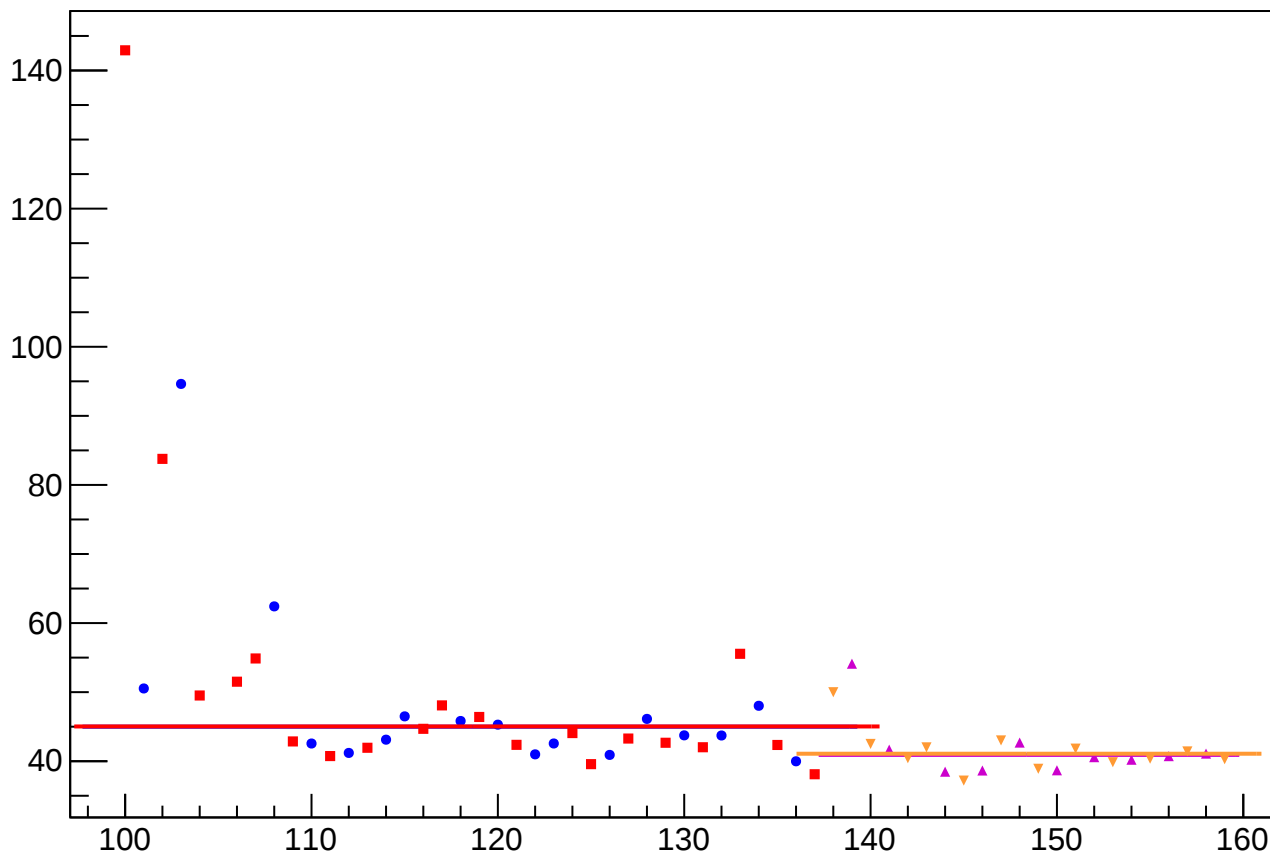
Left In: -33.603 $\pm$ 14.368 χ^2 /NDF:10.3/9

-10.735 $\pm$ 10.906 χ^2 /NDF: 48.8/28

-10.349 $\pm$ 7.766 χ^2 /NDF: 83.7/58

-9.951 $\pm$ 11.063 χ^2 /NDF: 34.9/29

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 45.001+/-0.013 χ^2 /NDF: 438352.8/16

Left Out: 41.086+/-0.010 χ^2 /NDF: 76113.6/11

Right Out: 45.034+/-0.012 χ^2 /NDF: 415853.3/19

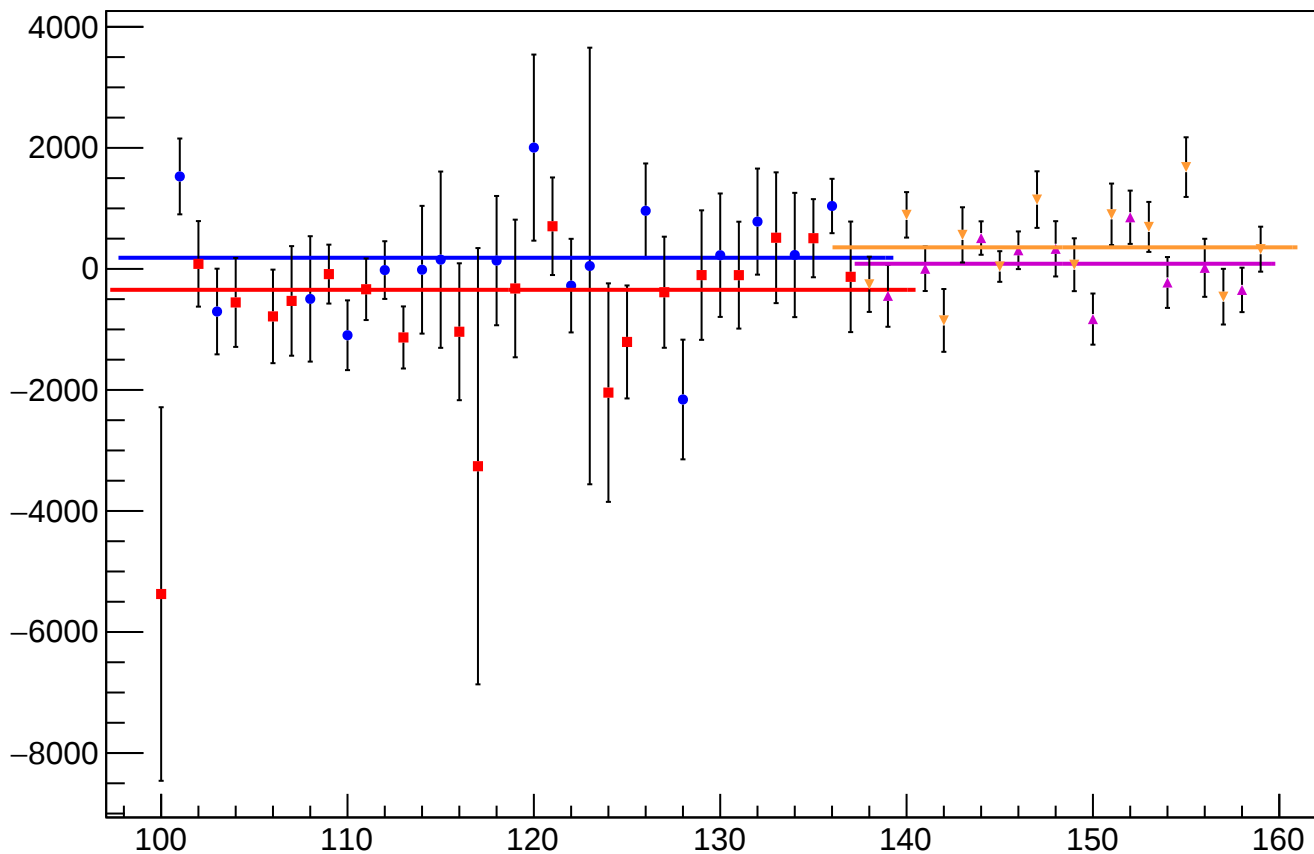
Left In: 40.915+/-0.010 χ^2 /NDF: 108207.3/9

42.549+/-0.008 χ^2 /NDF: 574807.8/28

42.570+/-0.005 χ^2 /NDF: 1165813.5/58

42.592+/-0.008 χ^2 /NDF: 590990.5/29

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 184.184 $\pm$ 188.558 χ^2/NDF : 24.2/16

Left Out: 356.504 $\pm$ 118.155 χ^2/NDF : 26.5/11

Right Out: -345.548 $\pm$ 179.160 χ^2/NDF : 13.1/19

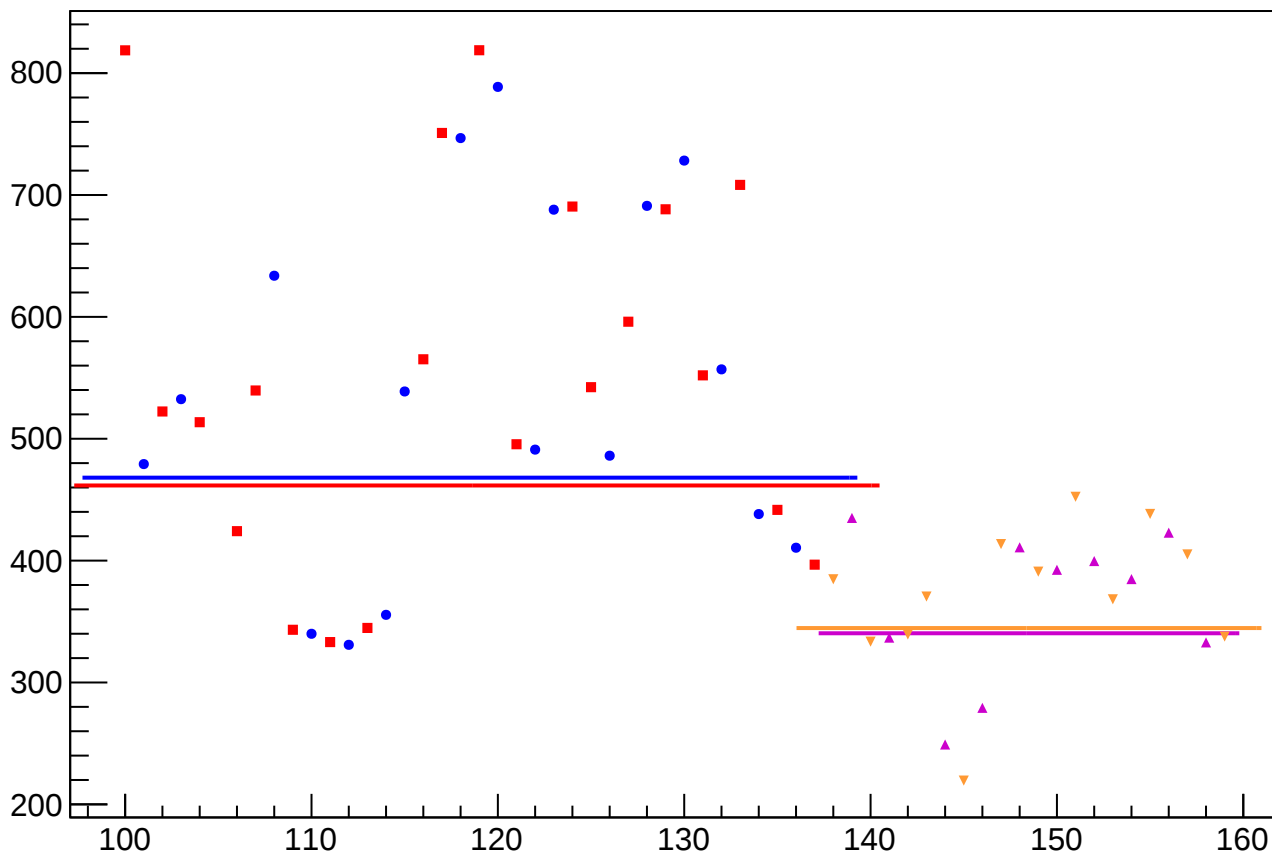
Left In: 85.180 $\pm$ 121.640 χ^2/NDF : 14.0/9

307.919 $\pm$ 100.122 χ^2/NDF : 51.3/28

129.516 $\pm$ 70.978 χ^2/NDF : 88.7/58

-50.725 $\pm$ 100.637 χ^2/NDF : 31.1/29

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 468.071 $\pm$ 0.133 χ^2 /NDF: 880319.3/16

Left Out: 344.660 $\pm$ 0.084 χ^2 /NDF: 782092.5/11

Right Out: 461.656 $\pm$ 0.127 χ^2 /NDF: 967939.5/19

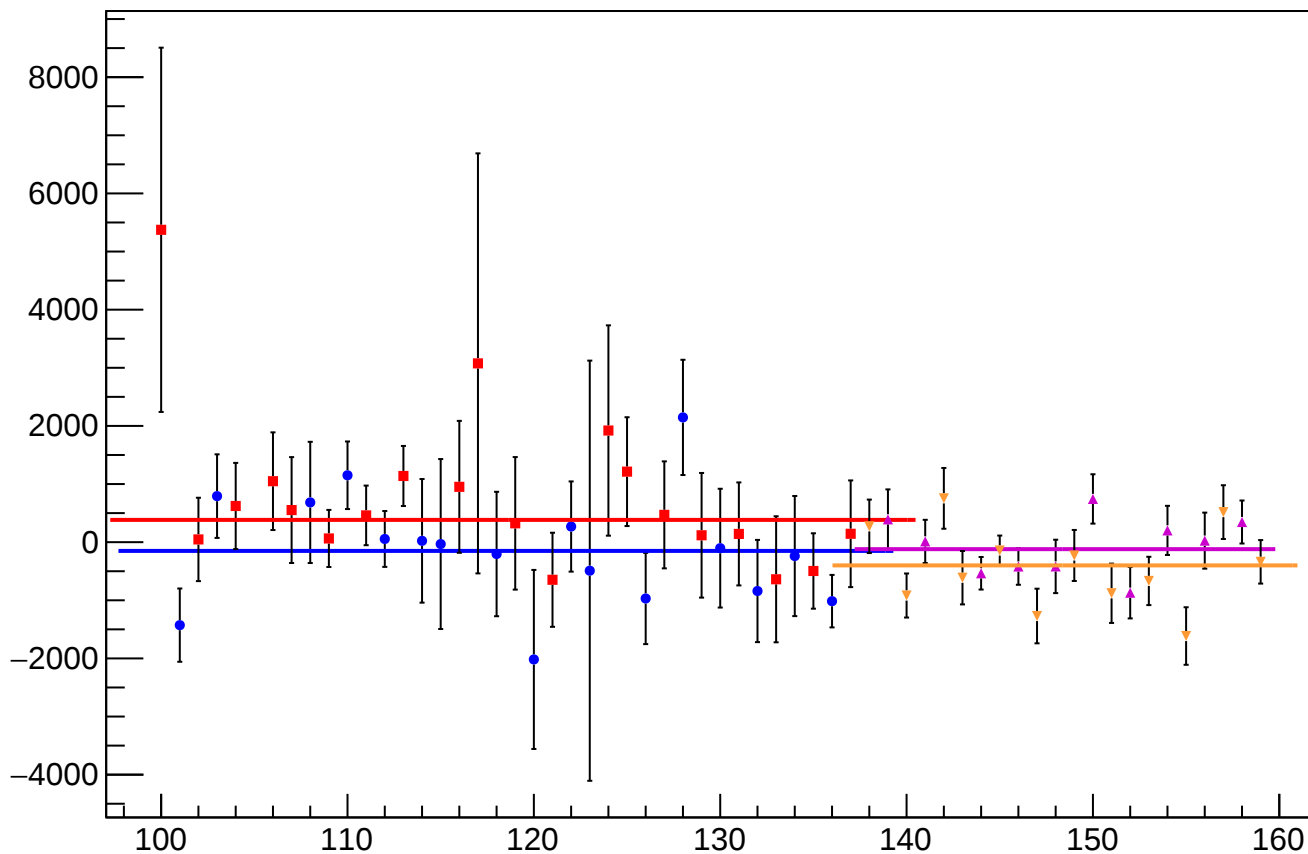
Left In: 340.383 $\pm$ 0.086 χ^2 /NDF: 560674.7/9

379.456 $\pm$ 0.071 χ^2 /NDF: 2277597.5/28

379.054 $\pm$ 0.050 χ^2 /NDF: 4433514.5/58

378.648 $\pm$ 0.071 χ^2 /NDF: 2155852.2/29

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -150.305+/-189.729 χ^2/NDF : 24.2/16

Left Out: -399.660+/-119.106 χ^2/NDF : 24.9/11

Right Out: 383.331+/-181.030 χ^2/NDF : 13.0/19

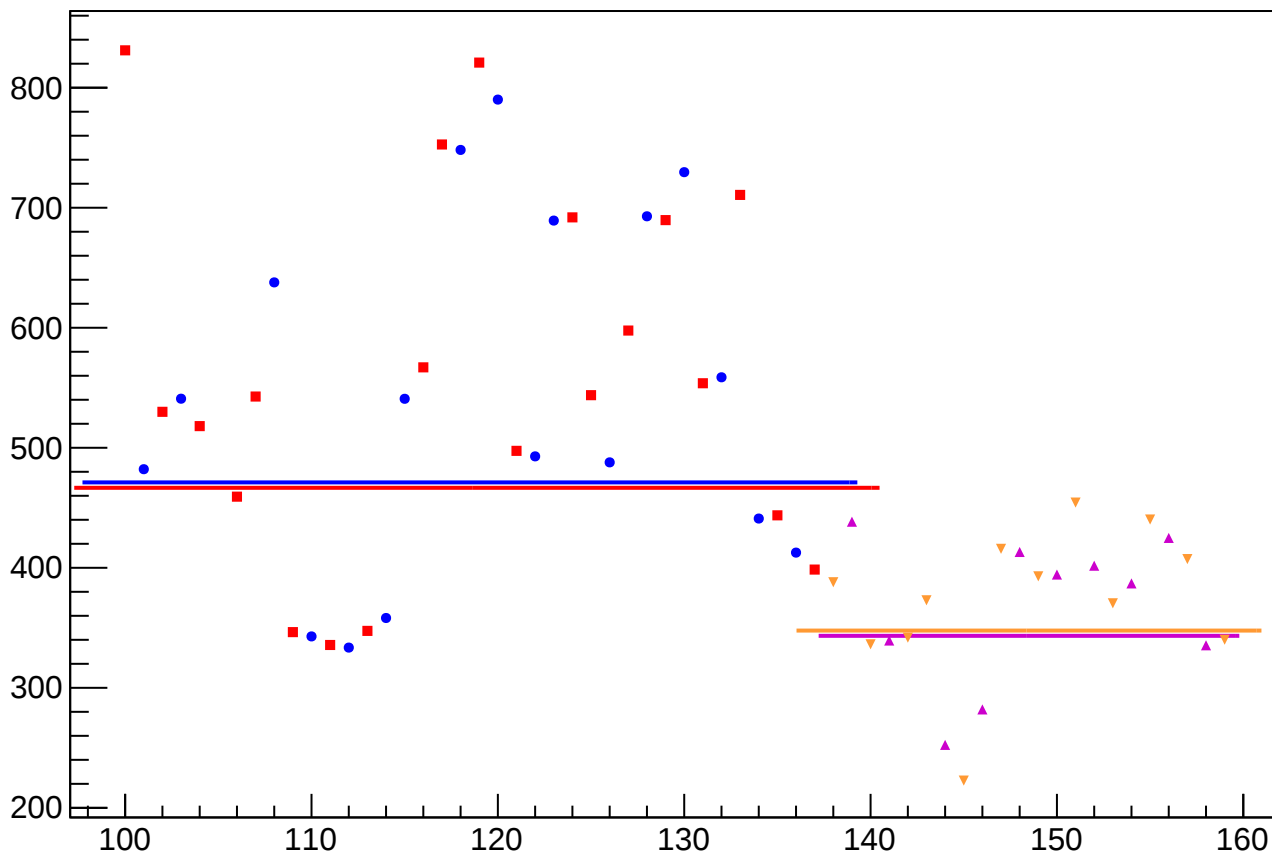
Left In: -120.198+/-122.616 χ^2/NDF : 13.9/9

-329.170+/-100.876 χ^2/NDF : 50.4/28

-146.676+/-71.557 χ^2/NDF : 89.2/58

38.157+/-101.521 χ^2/NDF : 32.2/29

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 471.156 $\pm$ 0.134 χ^2 /NDF: 871832.5/16

Left Out: 347.701 $\pm$ 0.084 χ^2 /NDF: 757320.7/11

Right Out: 466.655 $\pm$ 0.128 χ^2 /NDF: 953088.6/19

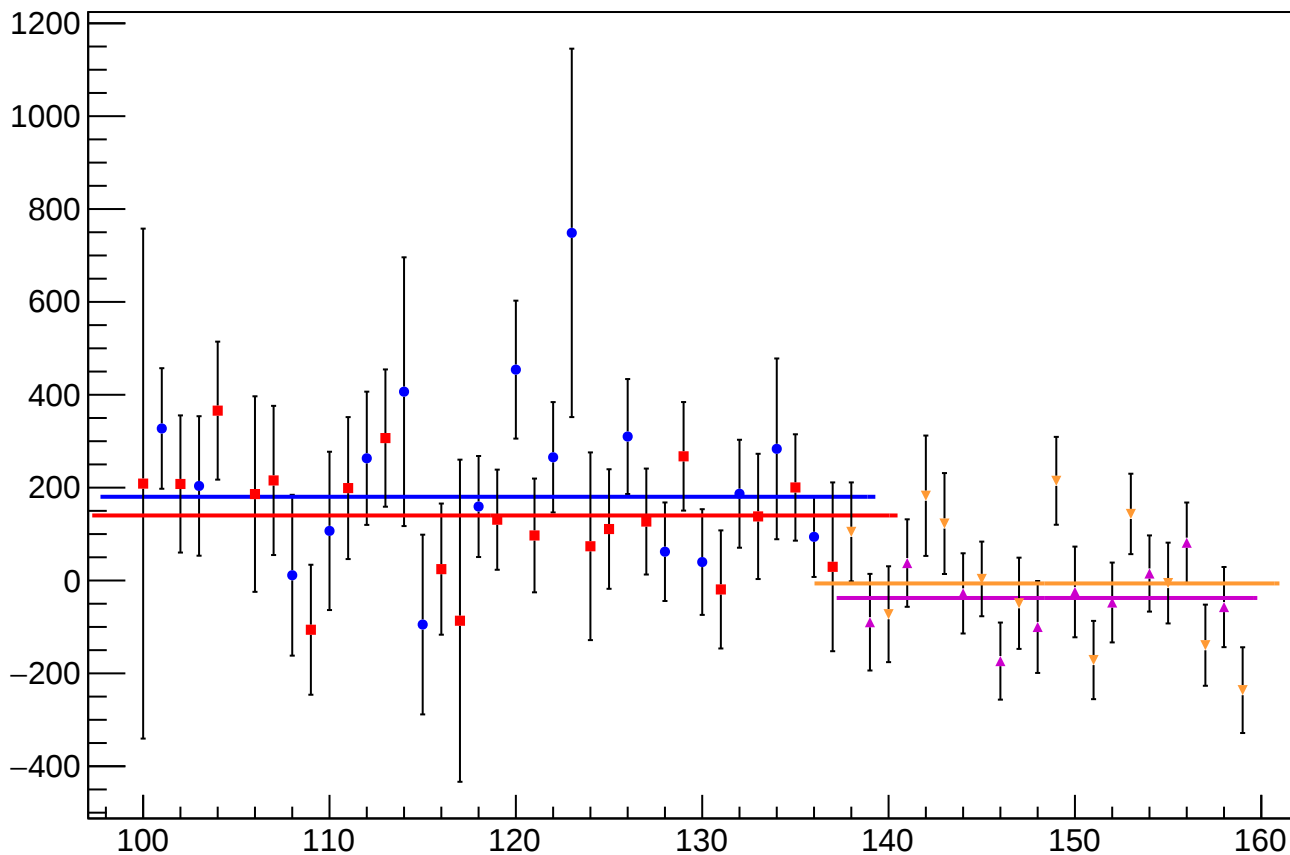
Left In: 343.327 $\pm$ 0.087 χ^2 /NDF: 544713.8/9

382.601 $\pm$ 0.071 χ^2 /NDF: 2236568.0/28

382.358 $\pm$ 0.051 χ^2 /NDF: 4370703.9/58

382.112 $\pm$ 0.072 χ^2 /NDF: 2134112.6/29

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 180.326 ± 32.769 $\chi^2/\text{NDF}: 16.6/16$

Left Out: -6.322 ± 27.209 $\chi^2/\text{NDF}: 26.0/11$

Right Out: 140.070 ± 32.198 $\chi^2/\text{NDF}: 12.1/19$

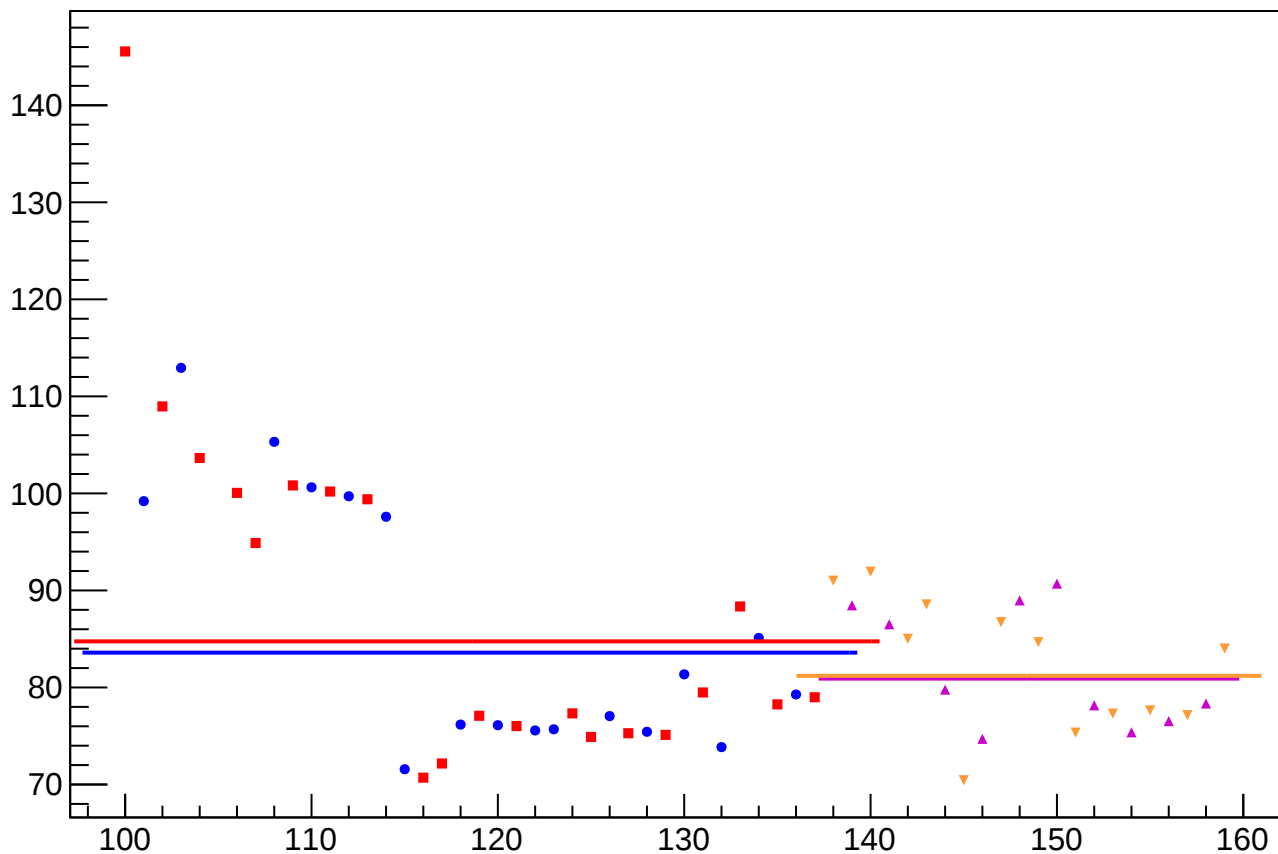
Left In: -37.624 ± 28.370 $\chi^2/\text{NDF}: 6.4/9$

69.847 ± 20.933 $\chi^2/\text{NDF}: 61.8/28$

55.190 ± 14.925 $\chi^2/\text{NDF}: 98.4/58$

40.036 ± 21.286 $\chi^2/\text{NDF}: 35.6/29$

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 83.591+/-0.023 χ^2/NDF : 255921.7/16

Left Out: 81.201+/-0.019 χ^2/NDF : 117549.2/11

Right Out: 84.752+/-0.023 χ^2/NDF : 293262.6/19

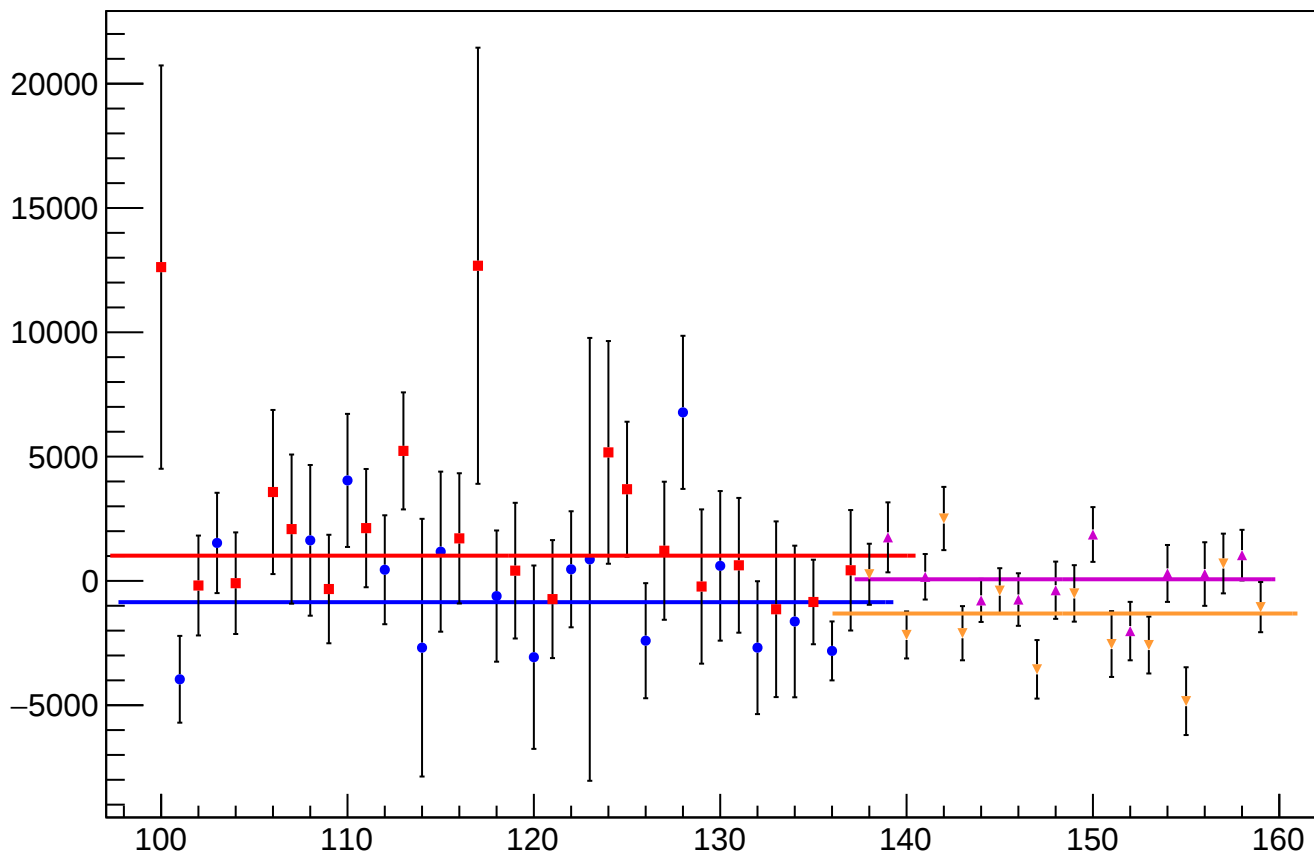
Left In: 80.914+/-0.020 χ^2/NDF : 80553.0/9

82.176+/-0.015 χ^2/NDF : 379765.5/28

82.380+/-0.011 χ^2/NDF : 769963.8/58

82.591+/-0.015 χ^2/NDF : 389812.3/29

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -855.308+/-583.290 χ^2/NDF : 20.3/16

Left Out: -1312.017+/-324.255 χ^2/NDF : 28.9/11

Right Out: 1015.523+/-587.747 χ^2/NDF : 13.3/19

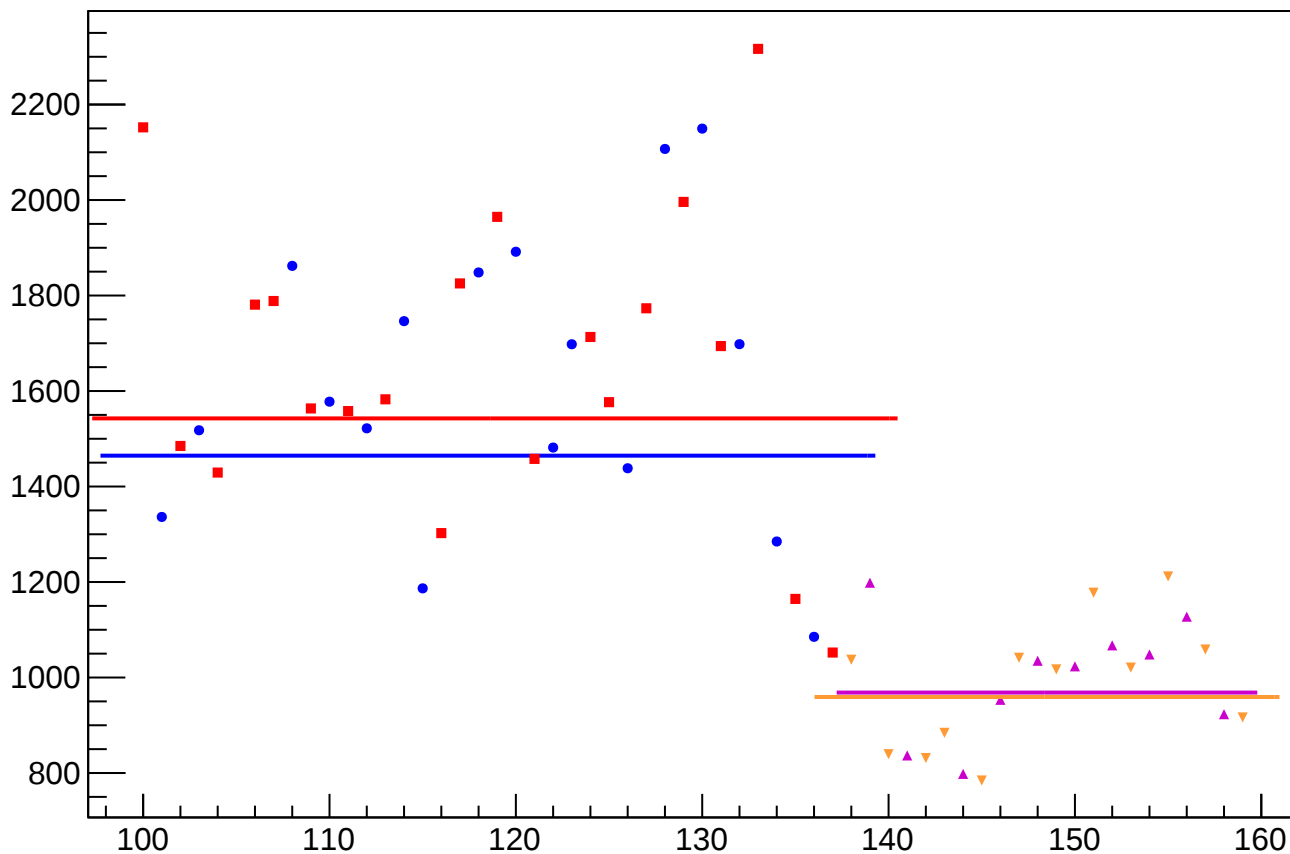
Left In: 65.256+/-341.655 χ^2/NDF : 10.0/9

-1204.198+/-283.408 χ^2/NDF : 49.6/28

-480.670+/-204.500 χ^2/NDF : 88.4/58

305.258+/-295.376 χ^2/NDF : 25.2/29

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1464.636 $\pm$ 0.412 χ^2/NDF : 560863.4/16

Left Out: 959.191 $\pm$ 0.229 χ^2/NDF : 305929.5/11

Right Out: 1542.663 $\pm$ 0.416 χ^2/NDF : 455797.2/19

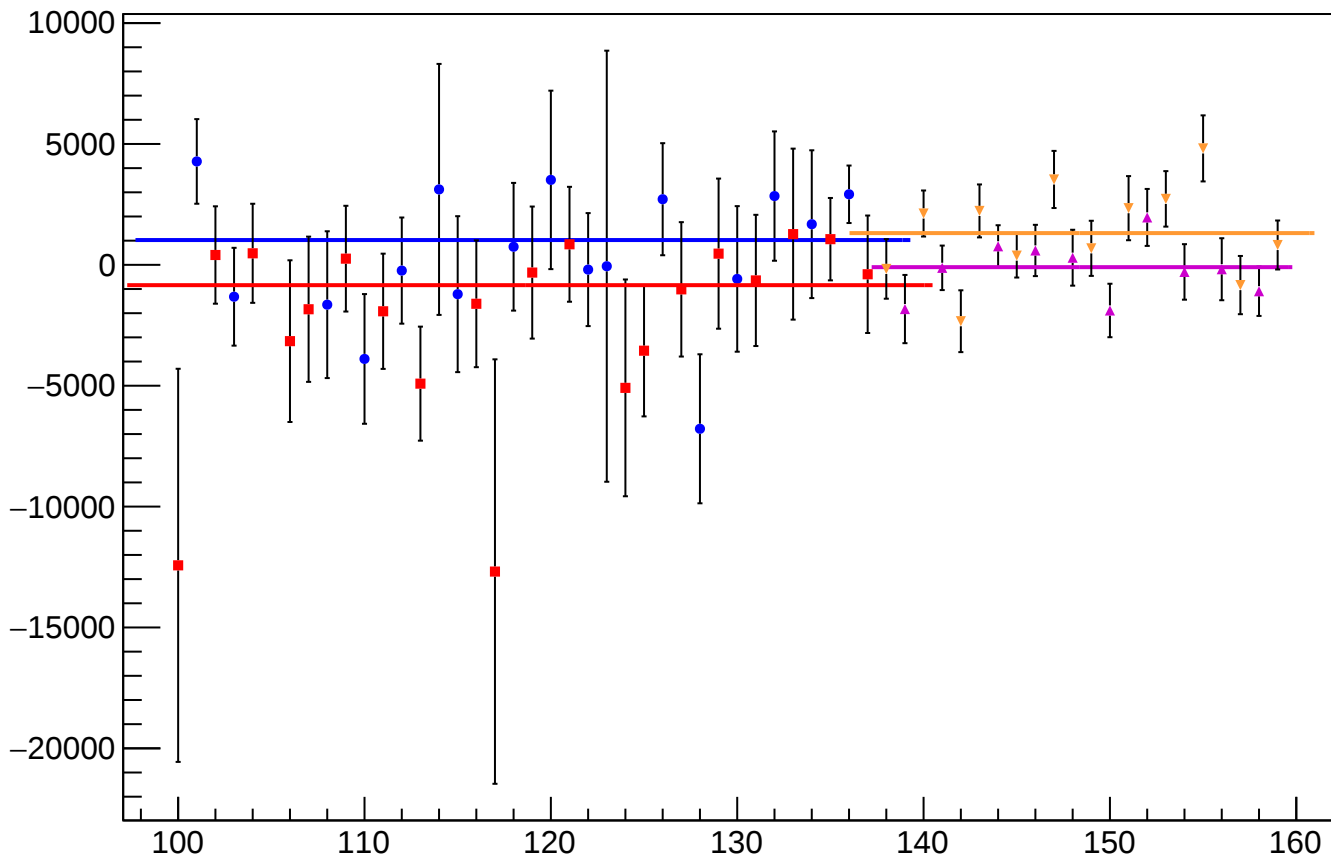
Left In: 968.477 $\pm$ 0.242 χ^2/NDF : 242839.1/9

1078.515 $\pm$ 0.200 χ^2/NDF : 2014040.0/28

1095.282 $\pm$ 0.145 χ^2/NDF : 4153969.4/58

1113.495 $\pm$ 0.209 χ^2/NDF : 2125325.5/29

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1025.527 $\pm$ 584.500 χ^2 /NDF: 20.9/16

Left Out: 1313.280 $\pm$ 325.556 χ^2 /NDF: 28.0/11

Right Out: -840.586 $\pm$ 589.057 χ^2 /NDF: 13.0/19

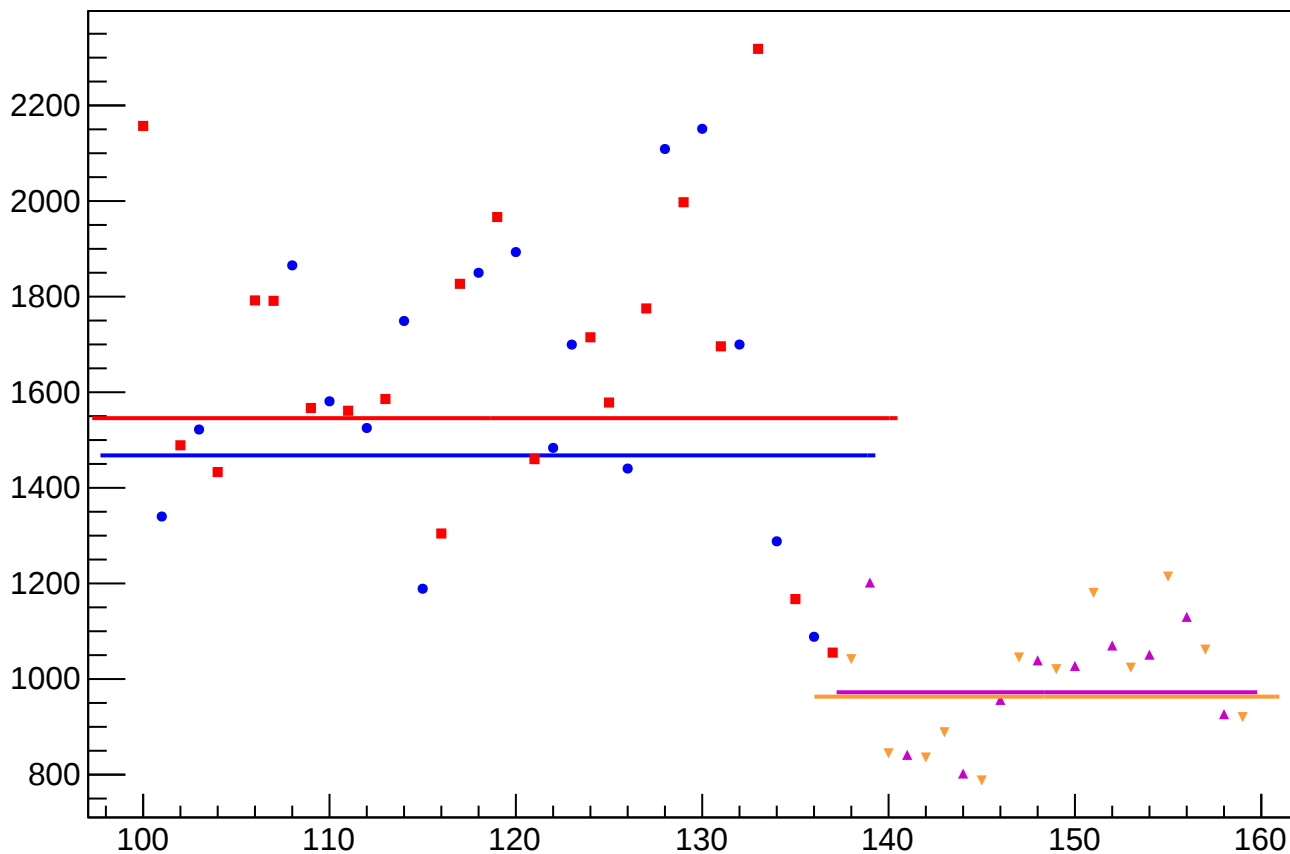
Left In: -95.634 $\pm$ 342.960 χ^2 /NDF: 9.7/9

1245.147 $\pm$ 284.415 χ^2 /NDF: 49.1/28

511.966 $\pm$ 205.213 χ^2 /NDF: 86.9/58

-284.227 $\pm$ 296.385 χ^2 /NDF: 23.9/29

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1467.905 +/- 0.413 χ^2/NDF : 557458.9/16

Left Out: 963.222 +/- 0.230 χ^2/NDF : 301337.1/11

Right Out: 1545.785 +/- 0.417 χ^2/NDF : 453865.6/19

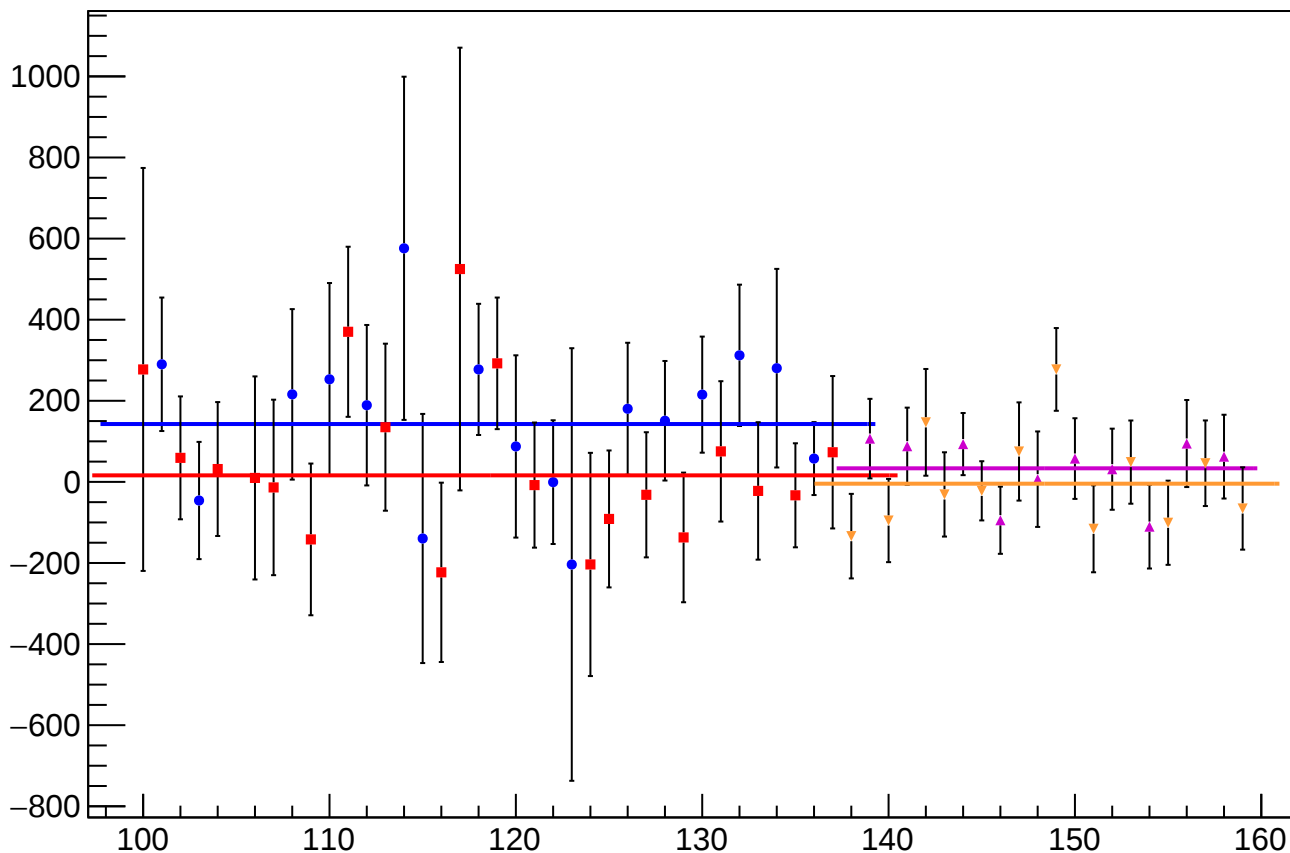
Left In: 972.318 +/- 0.243 χ^2/NDF : 239150.8/9

1082.719 +/- 0.201 χ^2/NDF : 1996820.4/28

1099.392 +/- 0.145 χ^2/NDF : 4119831.4/58

1117.498 +/- 0.210 χ^2/NDF : 2108674.1/29

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 142.683 $\pm$ 41.625 χ^2 /NDF: 9.3/16

Left Out: -4.454 $\pm$ 29.478 χ^2 /NDF:14.6/11

Right Out: 16.103 $\pm$ 41.277 χ^2 /NDF: 11.7/19

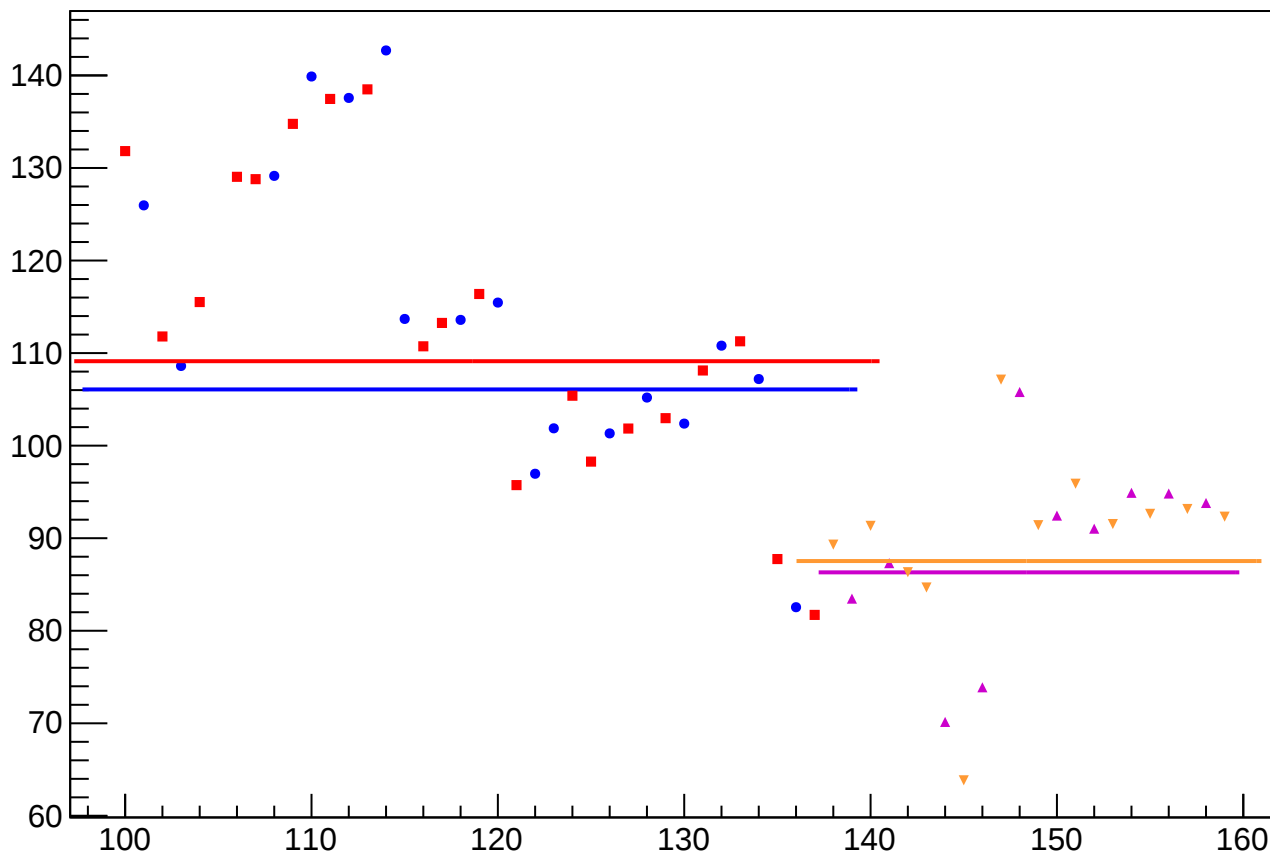
Left In: 33.473 $\pm$ 30.459 χ^2 /NDF:6.3/9

44.692 $\pm$ 24.057 χ^2 /NDF: 32.3/28

36.182 $\pm$ 17.168 χ^2 /NDF: 50.7/58

27.349 $\pm$ 24.509 χ^2 /NDF: 18.2/29

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 106.074 $\pm$ 0.029 χ^2 /NDF: 317907.9/16

Left Out: 87.532 $\pm$ 0.021 χ^2 /NDF:301184.4/11

Right Out: 109.124 $\pm$ 0.029 χ^2 /NDF: 285510.2/19

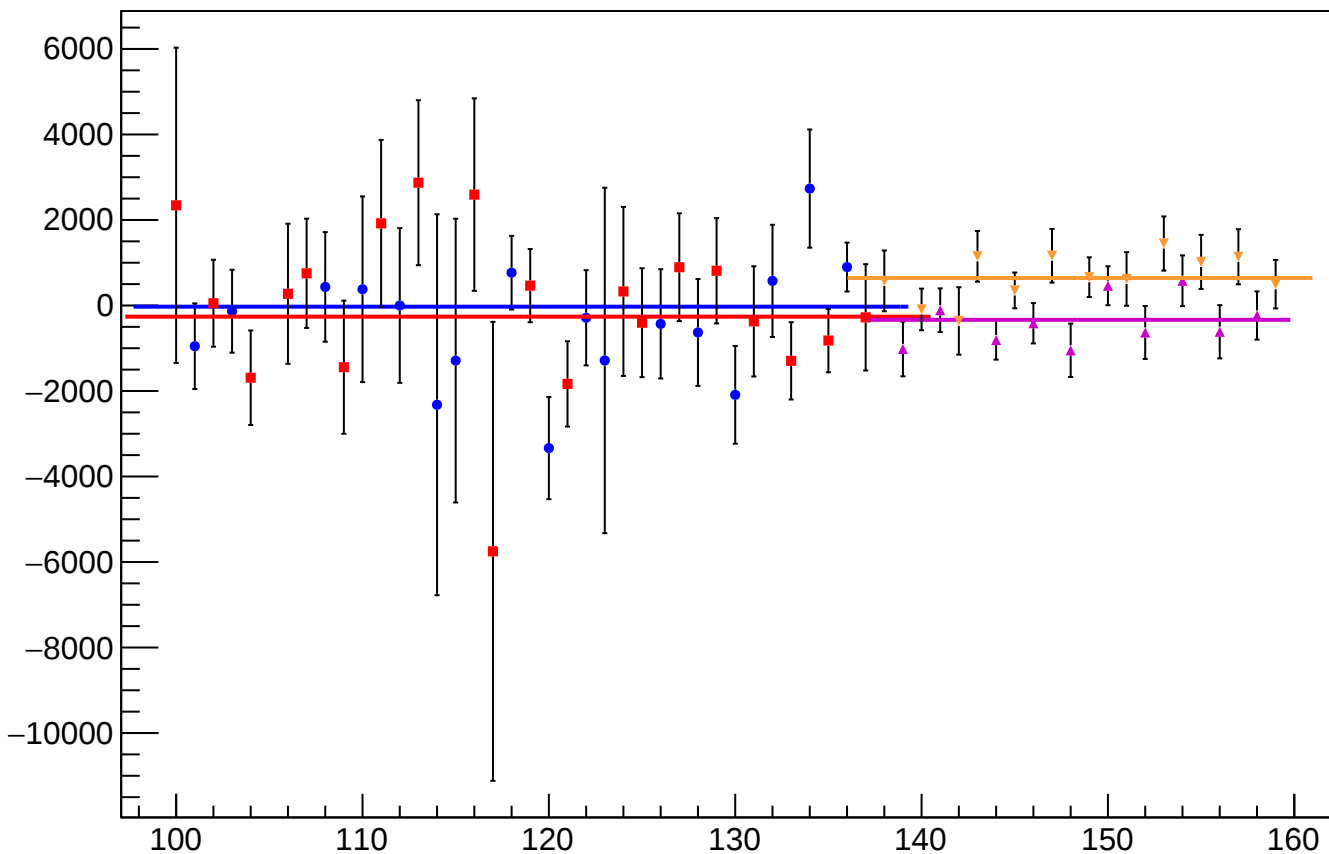
Left In: 86.309 $\pm$ 0.022 χ^2 /NDF:239569.3/9

93.725 $\pm$ 0.017 χ^2 /NDF: 883393.6/28

94.033 $\pm$ 0.012 χ^2 /NDF: 1804726.3/58

94.353 $\pm$ 0.017 χ^2 /NDF: 920664.2/29

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -27.969 ± 283.741 χ^2/NDF : 20.5/16

Left Out: 642.402 ± 165.333 χ^2/NDF : 8.4/11

Right Out: -261.265 ± 279.073 χ^2/NDF : 16.9/19

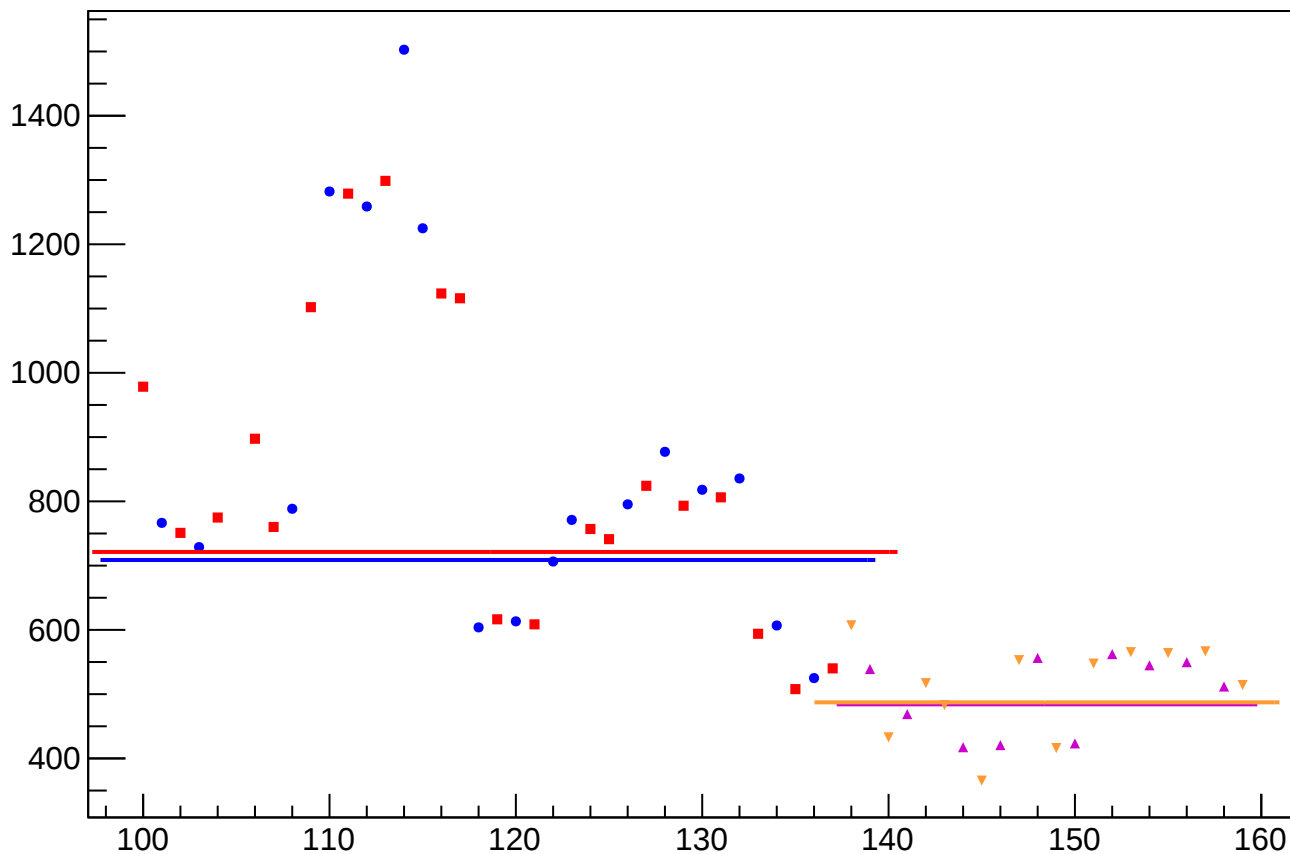
Left In: -335.252 ± 171.301 χ^2/NDF : 9.6/9

472.484 ± 142.851 χ^2/NDF : 33.1/28

87.300 ± 102.103 χ^2/NDF : 74.6/58

-315.004 ± 145.992 χ^2/NDF : 26.6/29

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 708.784 $\pm$ 0.201 χ^2 /NDF: 793538.1/16

Left Out: 487.253 $\pm$ 0.117 χ^2 /NDF: 436018.2/11

Right Out: 721.271 $\pm$ 0.197 χ^2 /NDF: 910781.0/19

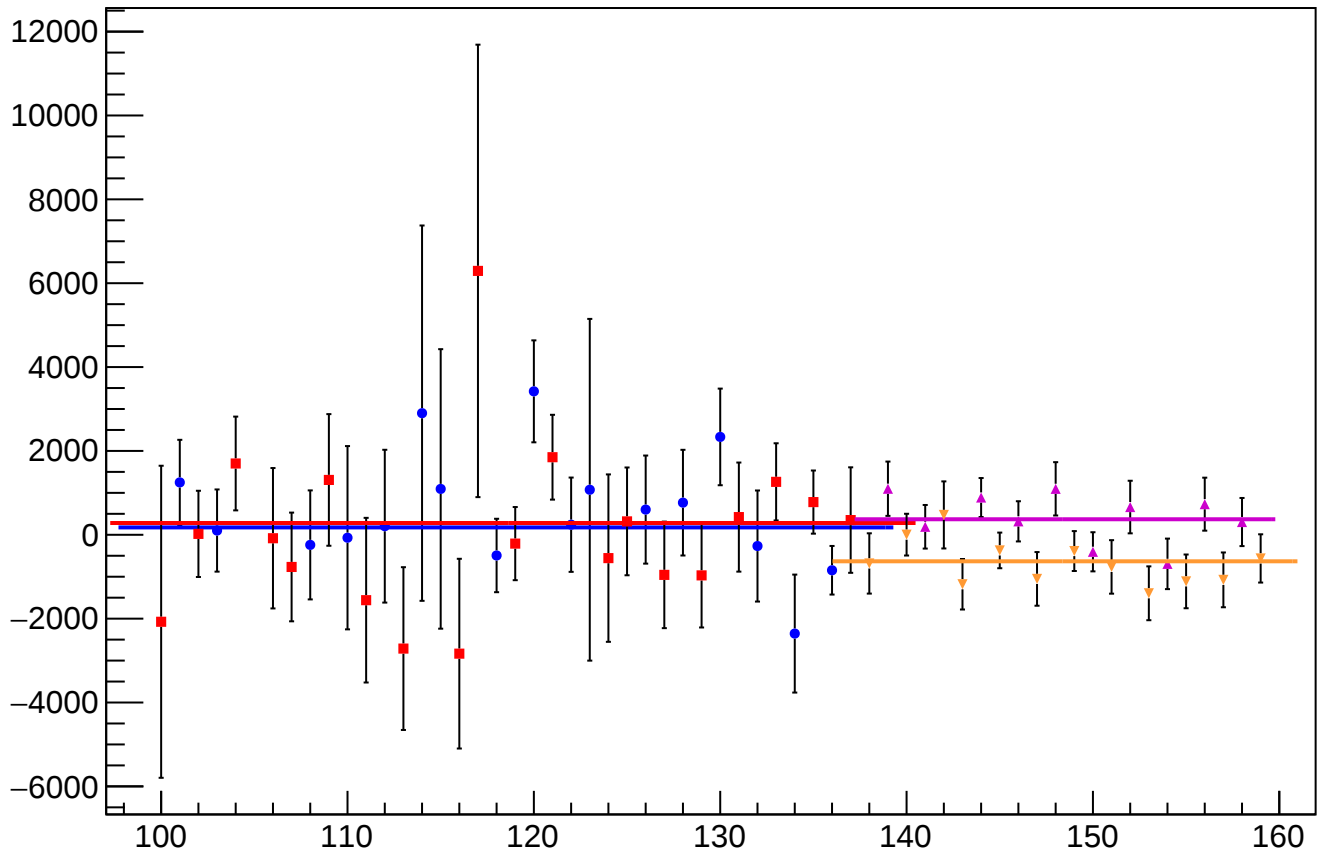
Left In: 484.149 $\pm$ 0.121 χ^2 /NDF: 237349.8/9

543.404 $\pm$ 0.101 χ^2 /NDF: 2139688.9/28

546.161 $\pm$ 0.072 χ^2 /NDF: 4338099.0/58

549.041 $\pm$ 0.103 χ^2 /NDF: 2196886.6/29

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 175.854 ± 287.218 χ^2/NDF : 19.7/16

Left Out: -632.170 ± 168.149 χ^2/NDF : 7.9/11

Right Out: 281.173 ± 282.685 χ^2/NDF : 16.1/19

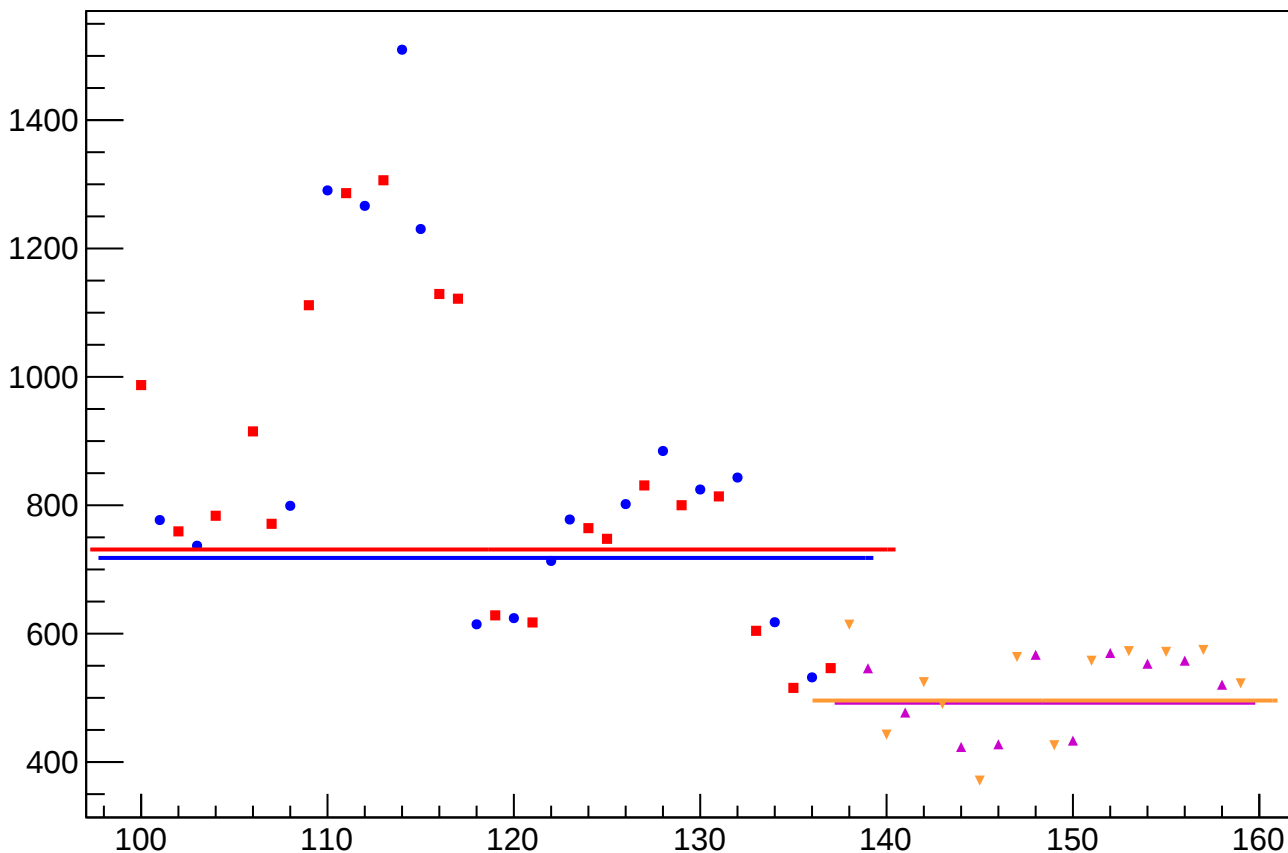
Left In: 370.349 ± 174.157 χ^2/NDF : 10.4/9

-425.918 ± 145.110 χ^2/NDF : 33.6/28

-48.379 ± 103.710 χ^2/NDF : 73.9/58

345.814 ± 148.276 χ^2/NDF : 26.5/29

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.973 $\pm$ 0.203 χ^2 /NDF: 778580.1/16

Left Out: 495.812 $\pm$ 0.119 χ^2 /NDF: 426120.4/11

Right Out: 731.116 $\pm$ 0.200 χ^2 /NDF: 892357.6/19

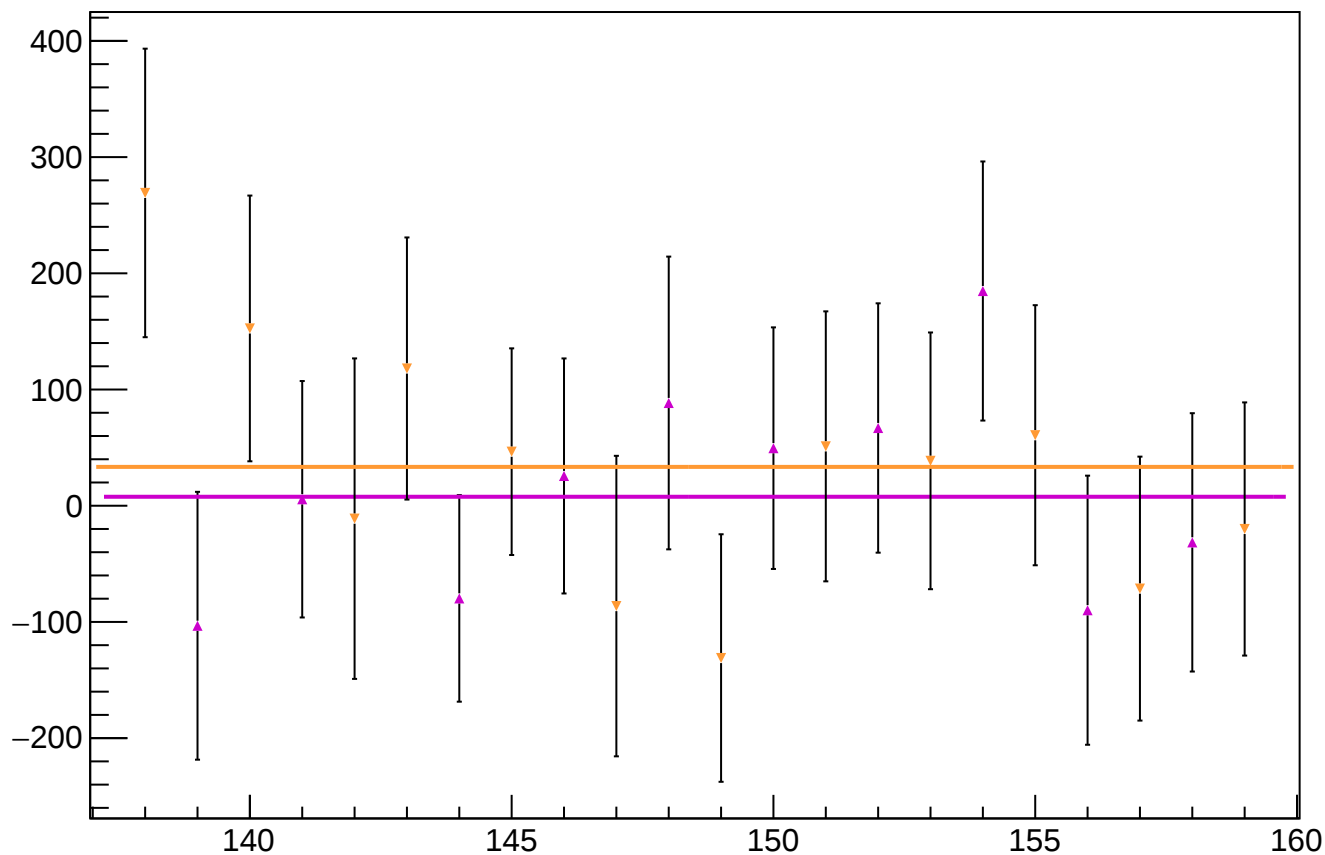
Left In: 492.376 $\pm$ 0.123 χ^2 /NDF: 232693.9/9

552.520 $\pm$ 0.103 χ^2 /NDF: 2095847.4/28

555.230 $\pm$ 0.073 χ^2 /NDF: 4256353.7/58

558.060 $\pm$ 0.105 χ^2 /NDF: 2159079.9/29

reg_asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 33.428+/-32.534 χ^2/NDF : 9.8/11

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

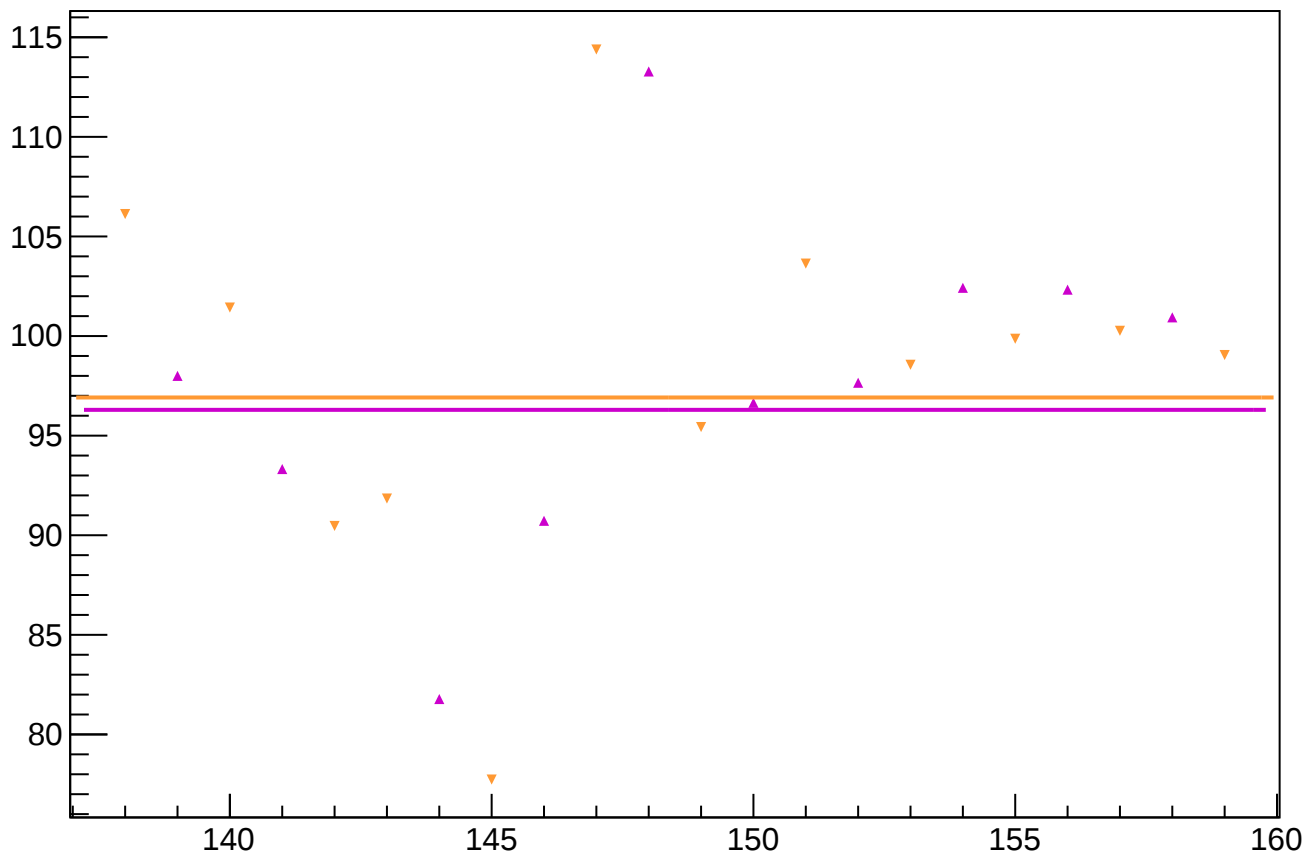
Left In: 7.720+/-33.812 χ^2/NDF : 6.2/9

33.428+/-32.534 χ^2/NDF : 9.8/11

21.069+/-23.444 χ^2/NDF : 16.3/21

7.720+/-33.812 χ^2/NDF : 6.2/9

reg_asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 96.916+/-0.023 χ^2/NDF :163540.3/11

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

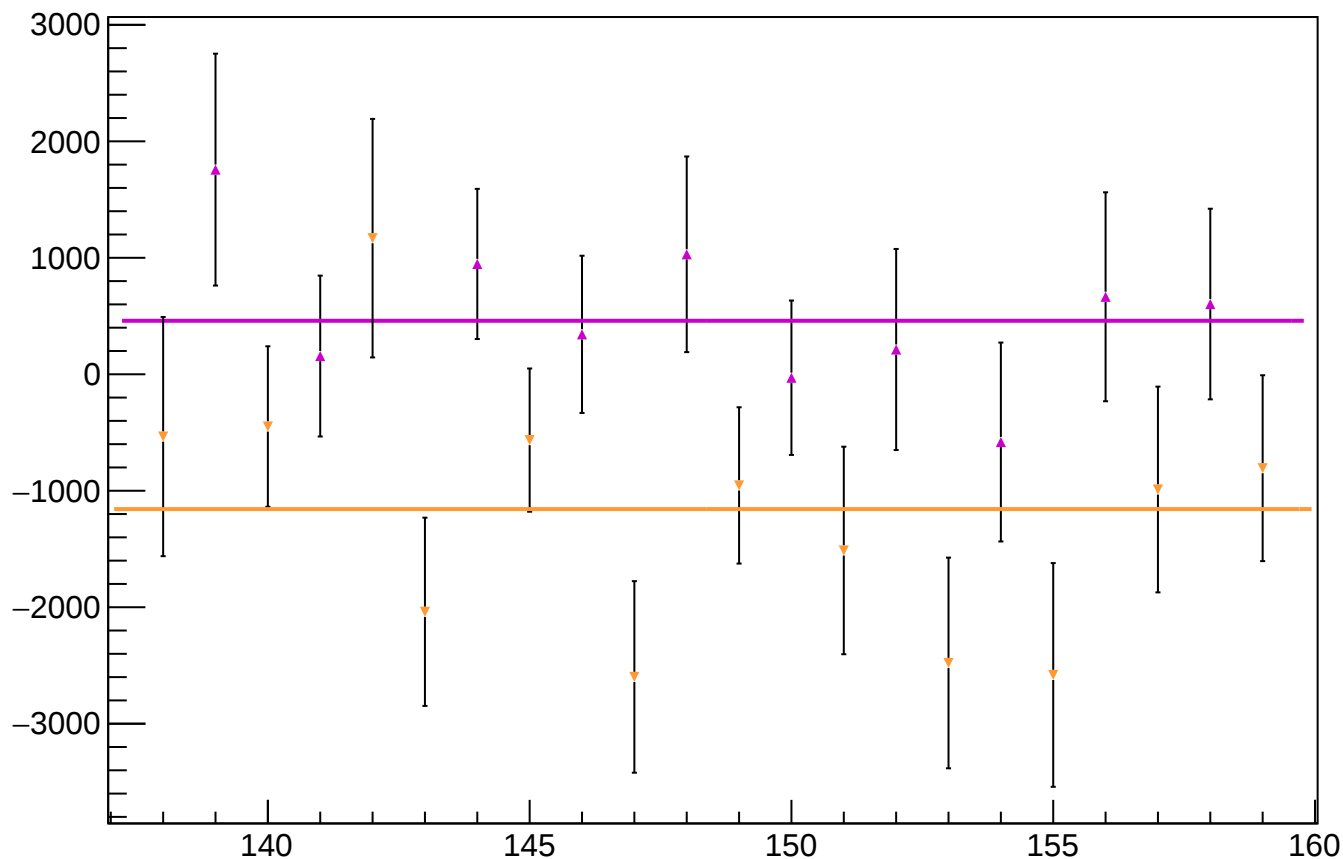
Left In: 96.295+/-0.024 χ^2/NDF :113248.8/9

96.916+/-0.023 χ^2/NDF : 163540.3/11

96.618+/-0.017 χ^2/NDF : 277139.3/21

96.295+/-0.024 χ^2/NDF : 113248.8/9

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1157.357+/-233.728 χ^2/NDF : 16.6/11

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

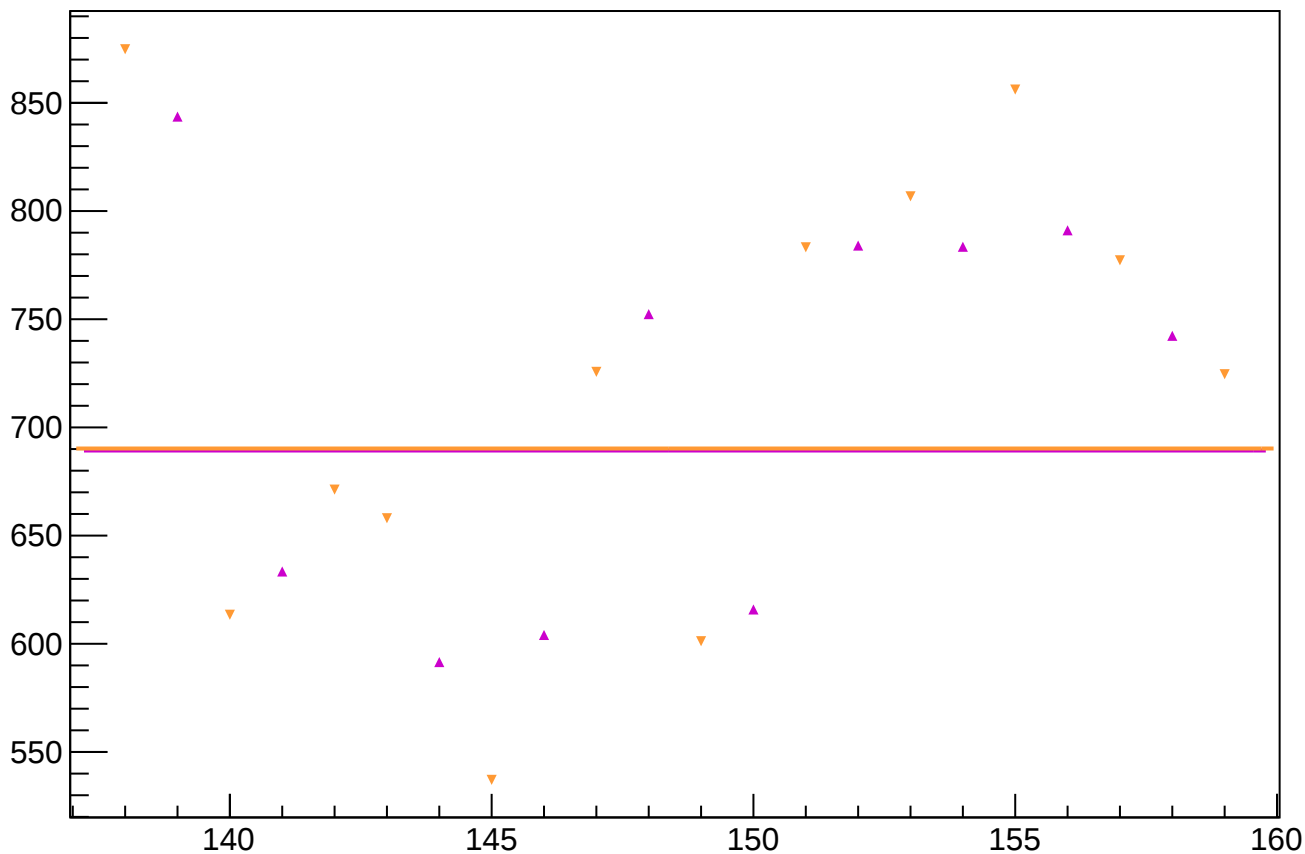
Left In: 459.407+/-243.582 χ^2/NDF : 5.2/9

-1157.357+/-233.728 χ^2/NDF : 16.6/11

-382.337+/-168.647 χ^2/NDF : 44.7/21

459.407+/-243.582 χ^2/NDF : 5.2/9

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 690.252+/-0.165 χ^2/NDF : 394199.7/11

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

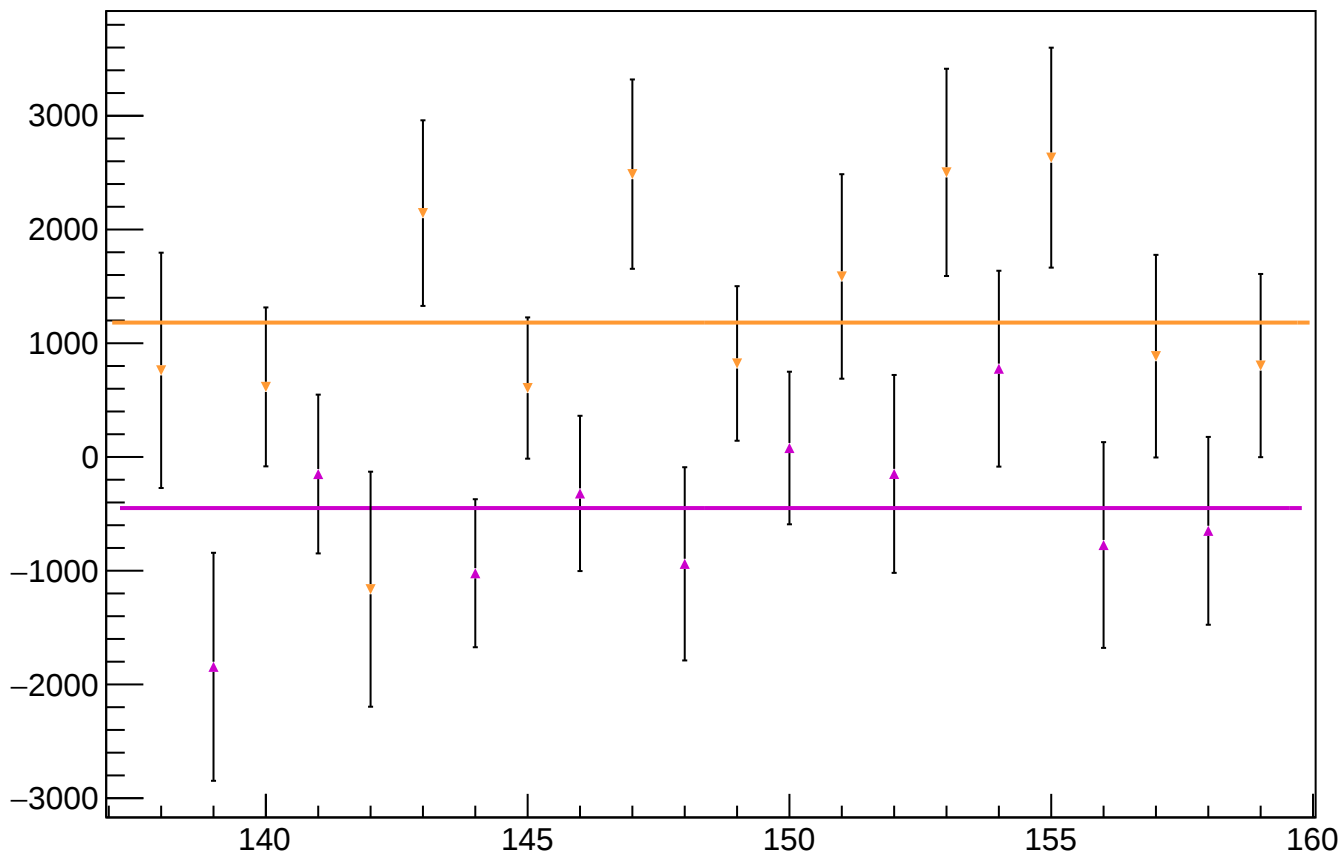
Left In: 689.328+/-0.172 χ^2/NDF : 257523.6/9

690.252+/-0.165 χ^2/NDF : 394199.7/11

689.809+/-0.119 χ^2/NDF : 651738.2/21

689.328+/-0.172 χ^2/NDF : 257523.6/9

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 1181.729+/-236.134 χ^2/NDF : 15.8/11

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

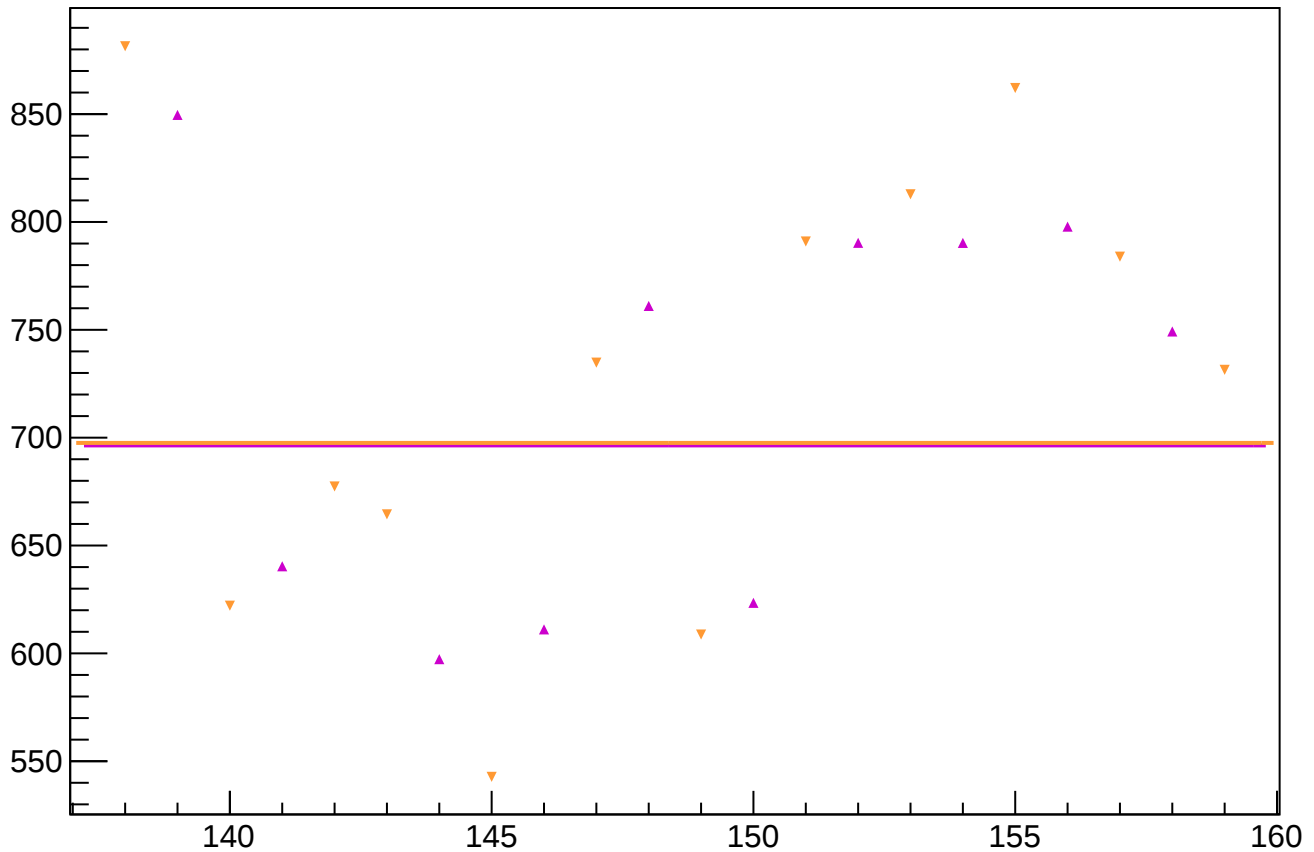
Left In: -449.136+/-246.031 χ^2/NDF : 6.2/9

1181.729+/-236.134 χ^2/NDF : 15.8/11

399.756+/-170.363 χ^2/NDF : 44.9/21

-449.136+/-246.031 χ^2/NDF : 6.2/9

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 697.569+/-0.167 χ^2/NDF : 386832.0/11

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

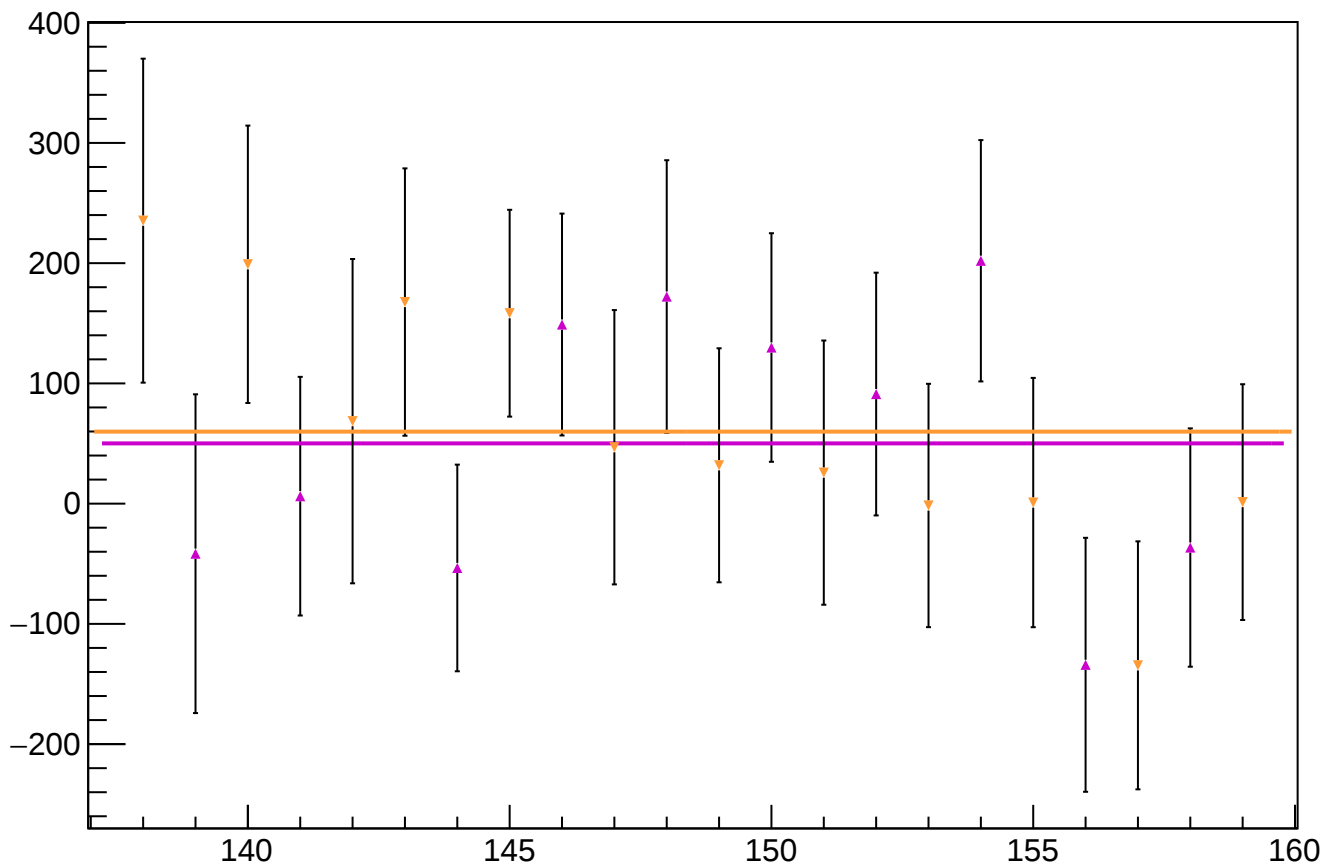
Left In: 696.414+/-0.174 χ^2/NDF : 252887.5/9

697.569+/-0.167 χ^2/NDF : 386832.0/11

697.015+/-0.120 χ^2/NDF : 639742.5/21

696.414+/-0.174 χ^2/NDF : 252887.5/9

reg_asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 59.891+/-30.781 χ^2/NDF :10.2/11

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

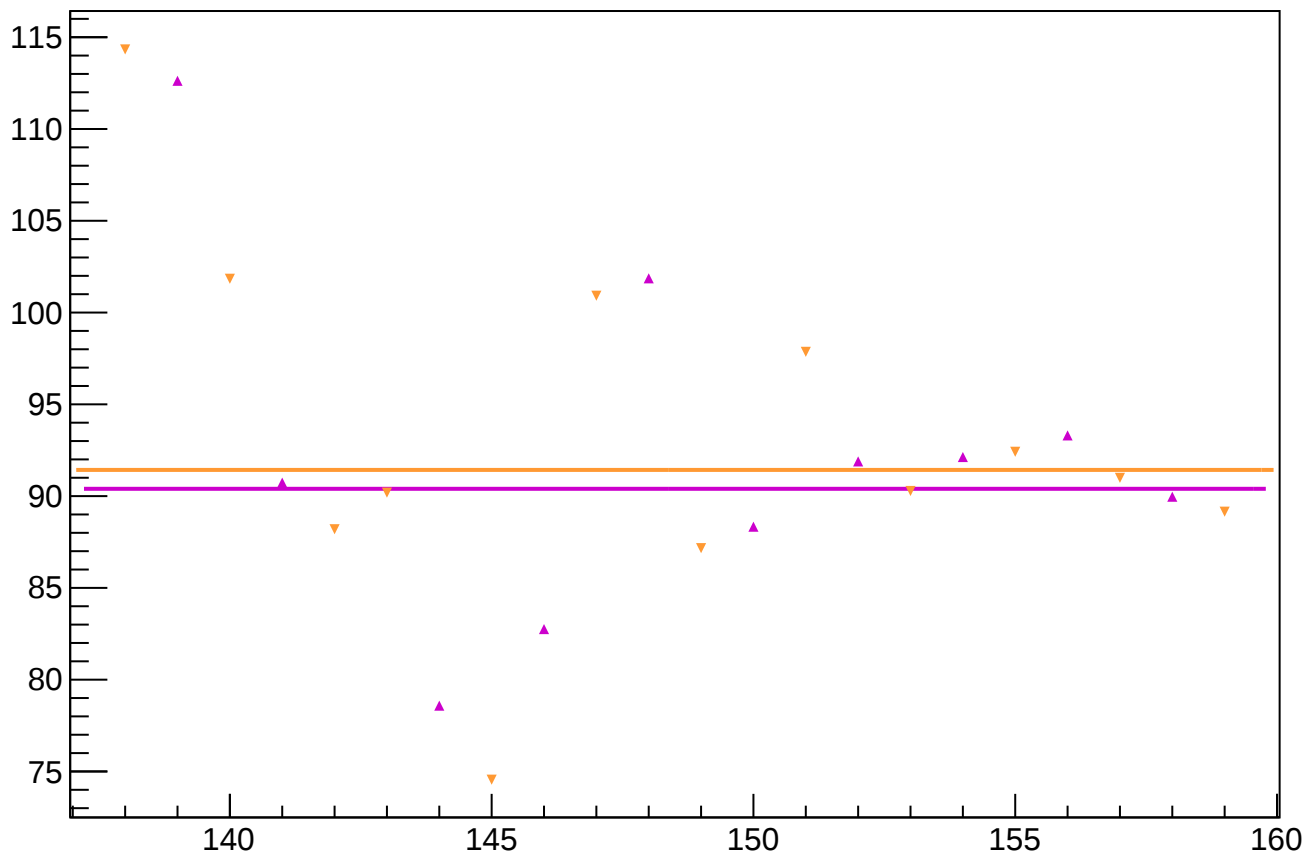
Left In: 50.111+/-31.804 χ^2/NDF :11.4/9

59.891+/-30.781 χ^2/NDF : 10.2/11

55.161+/-22.118 χ^2/NDF : 21.6/21

50.111+/-31.804 χ^2/NDF : 11.4/9

reg_asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 91.427+/-0.022 χ^2/NDF :178617.7/11

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

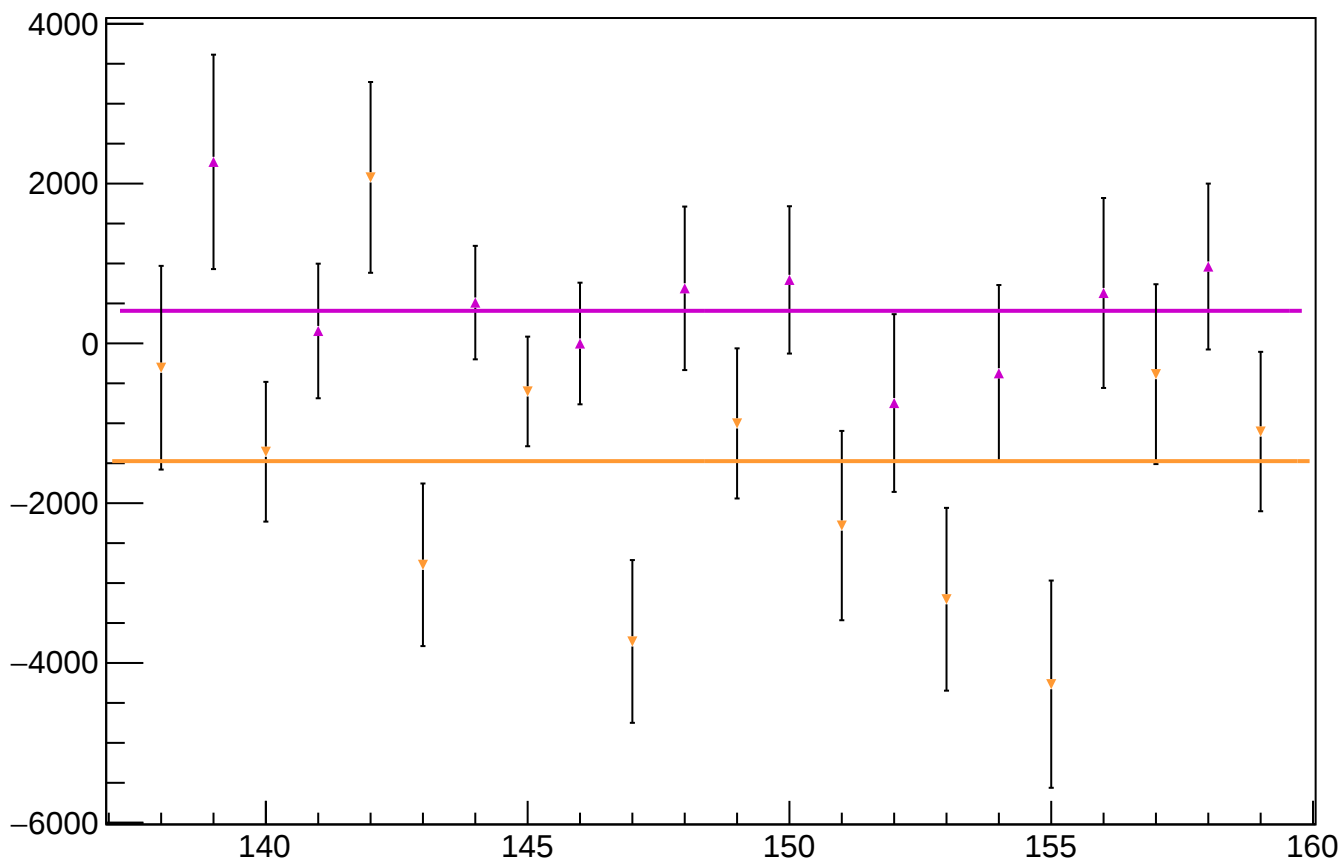
Left In: 90.398+/-0.022 χ^2/NDF :131755.6/9

91.427+/-0.022 χ^2/NDF : 178617.7/11

90.930+/-0.016 χ^2/NDF : 311454.7/21

90.398+/-0.022 χ^2/NDF : 131755.6/9

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1473.790+/-292.638 χ^2/NDF : 26.6/11

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

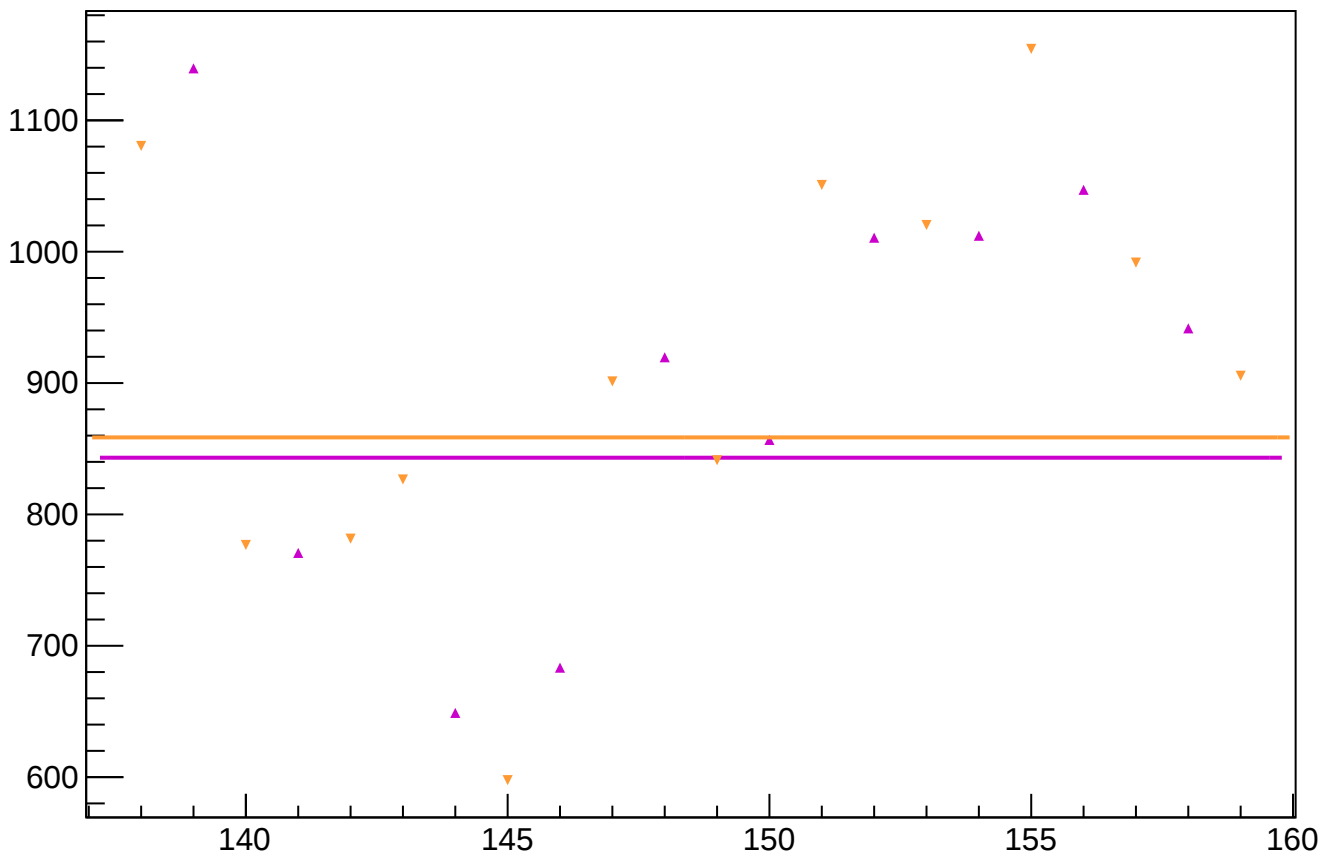
Left In: 407.622+/-300.580 χ^2/NDF : 4.5/9

-1473.790+/-292.638 χ^2/NDF : 26.6/11

-558.267+/-209.678 χ^2/NDF : 51.2/21

407.622+/-300.580 χ^2/NDF : 4.5/9

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 858.627+/-0.207 χ^2/NDF : 610978.8/11

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

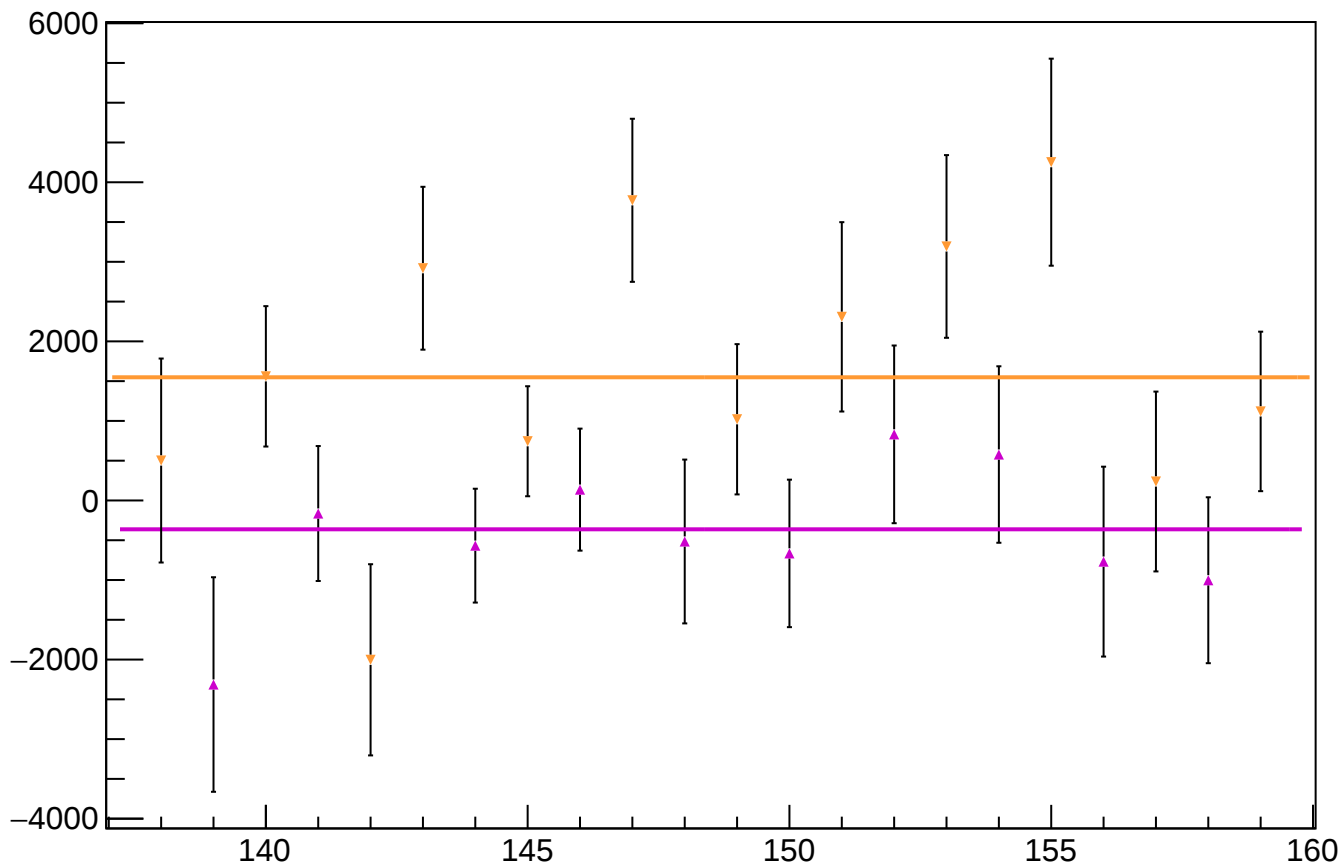
Left In: 843.176+/-0.213 χ^2/NDF : 530833.3/9

858.627+/-0.207 χ^2/NDF : 610978.8/11

851.108+/-0.148 χ^2/NDF : 1144525.2/21

843.176+/-0.213 χ^2/NDF : 530833.3/9

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 1548.438+/-294.422 χ^2/NDF : 25.9/11

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

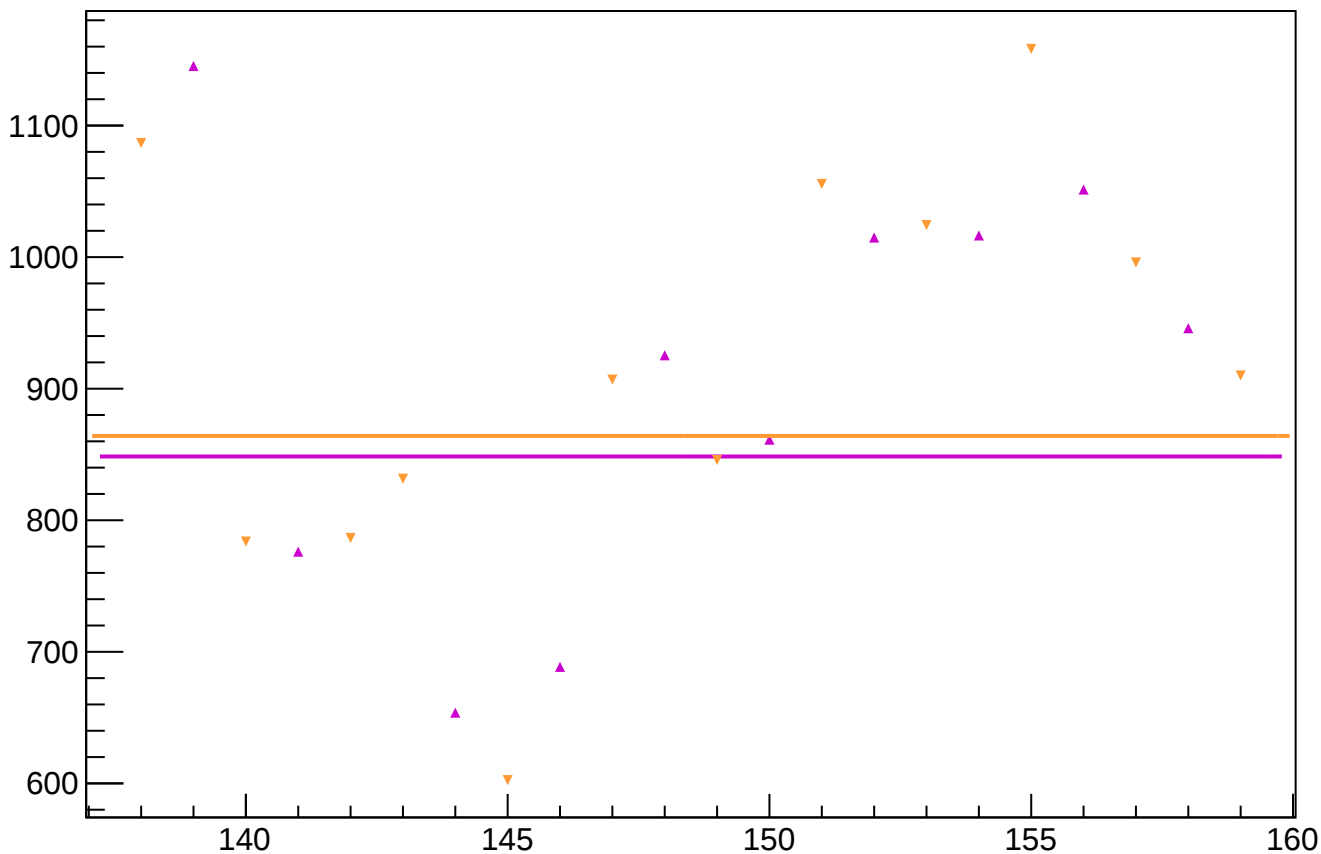
Left In: -362.602+/-302.390 χ^2/NDF : 5.1/9

1548.438+/-294.422 χ^2/NDF : 25.9/11

618.427+/-210.949 χ^2/NDF : 51.5/21

-362.602+/-302.390 χ^2/NDF : 5.1/9

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 864.098+/-0.208 χ^2/NDF : 602162.0/11

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

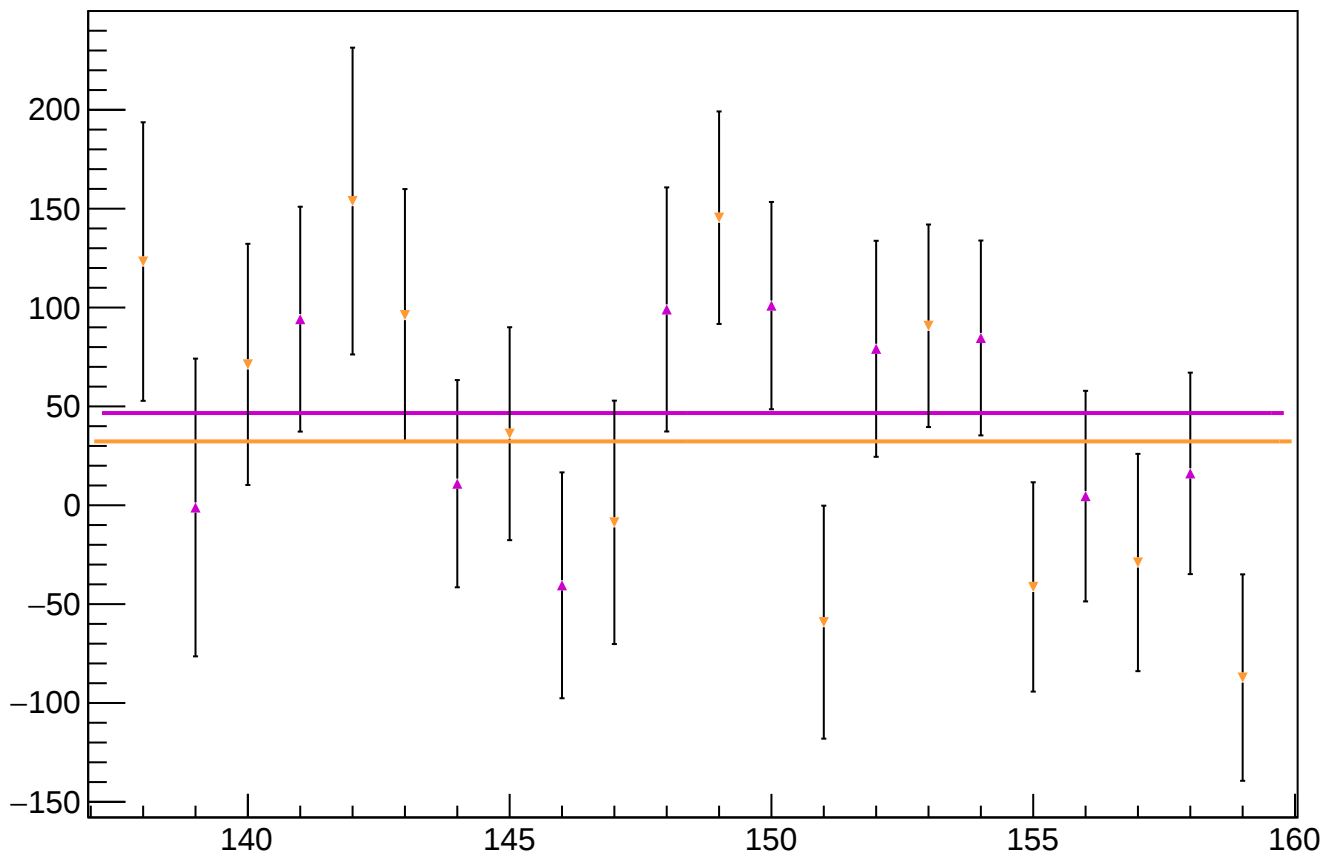
Left In: 848.474+/-0.214 χ^2/NDF : 523559.6/9

864.098+/-0.208 χ^2/NDF : 602162.0/11

856.495+/-0.149 χ^2/NDF : 1128462.6/21

848.474+/-0.214 χ^2/NDF : 523559.6/9

reg_asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 32.302+/-16.756 χ^2/NDF : 22.5/11

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

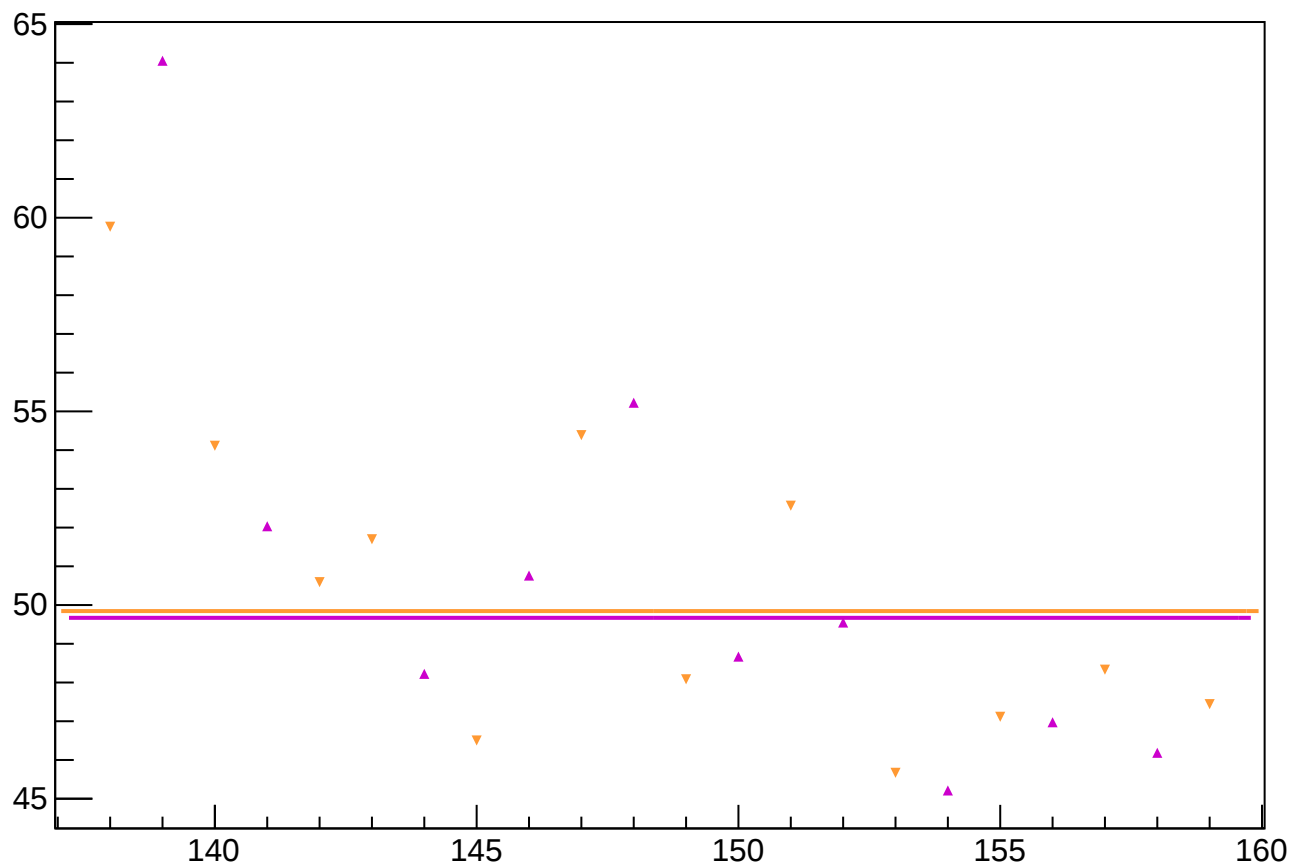
Left In: 46.647+/-17.494 χ^2/NDF : 7.6/9

32.302+/-16.756 χ^2/NDF : 22.5/11

39.166+/-12.100 χ^2/NDF : 30.5/21

46.647+/-17.494 χ^2/NDF : 7.6/9

reg_asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 49.844+/-0.012 χ^2/NDF :100726.3/11

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

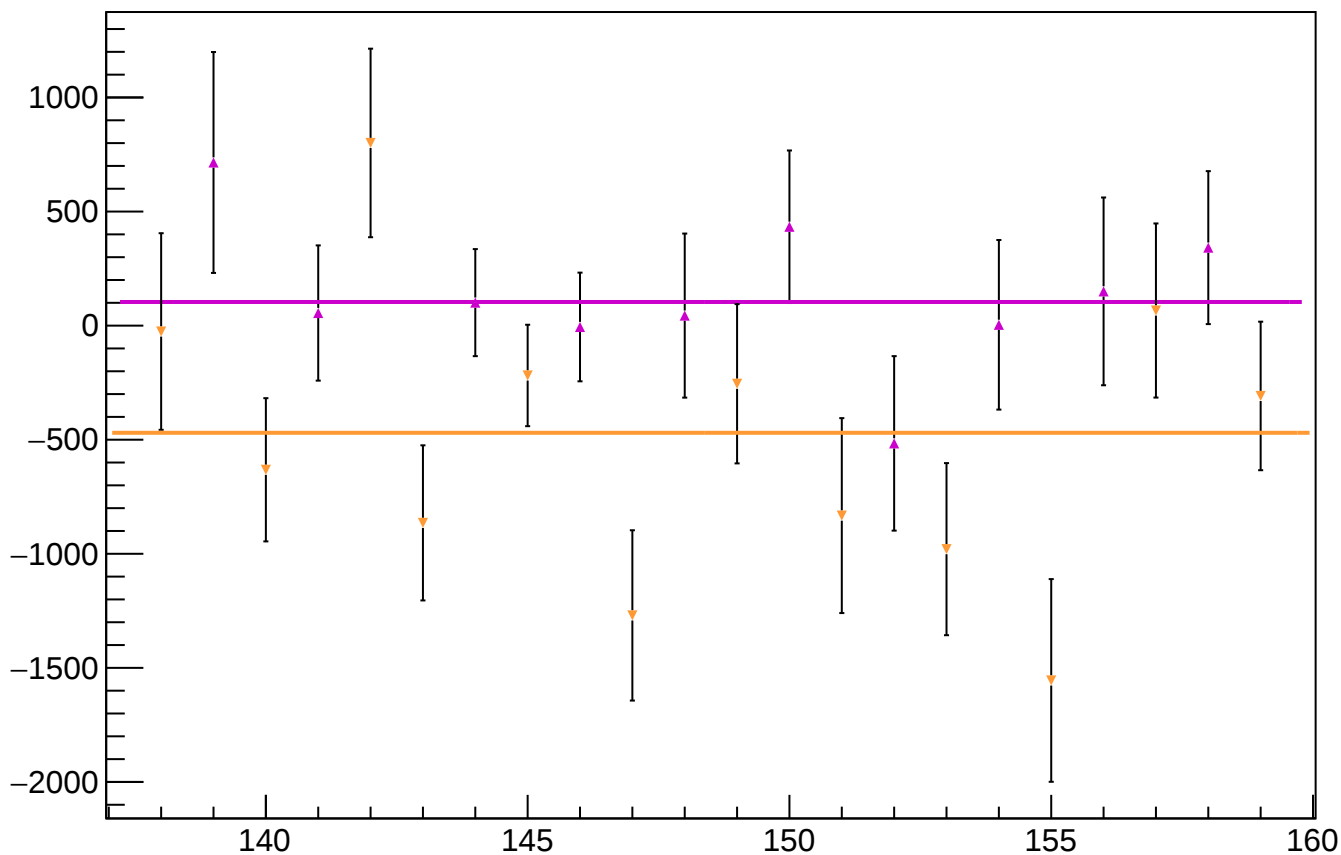
Left In: 49.670+/-0.012 χ^2/NDF :126464.4/9

49.844+/-0.012 χ^2/NDF : 100726.3/11

49.761+/-0.009 χ^2/NDF : 227294.2/21

49.670+/-0.012 χ^2/NDF : 126464.4/9

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -469.650+/-100.223 χ^2/NDF : 29.1/11

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

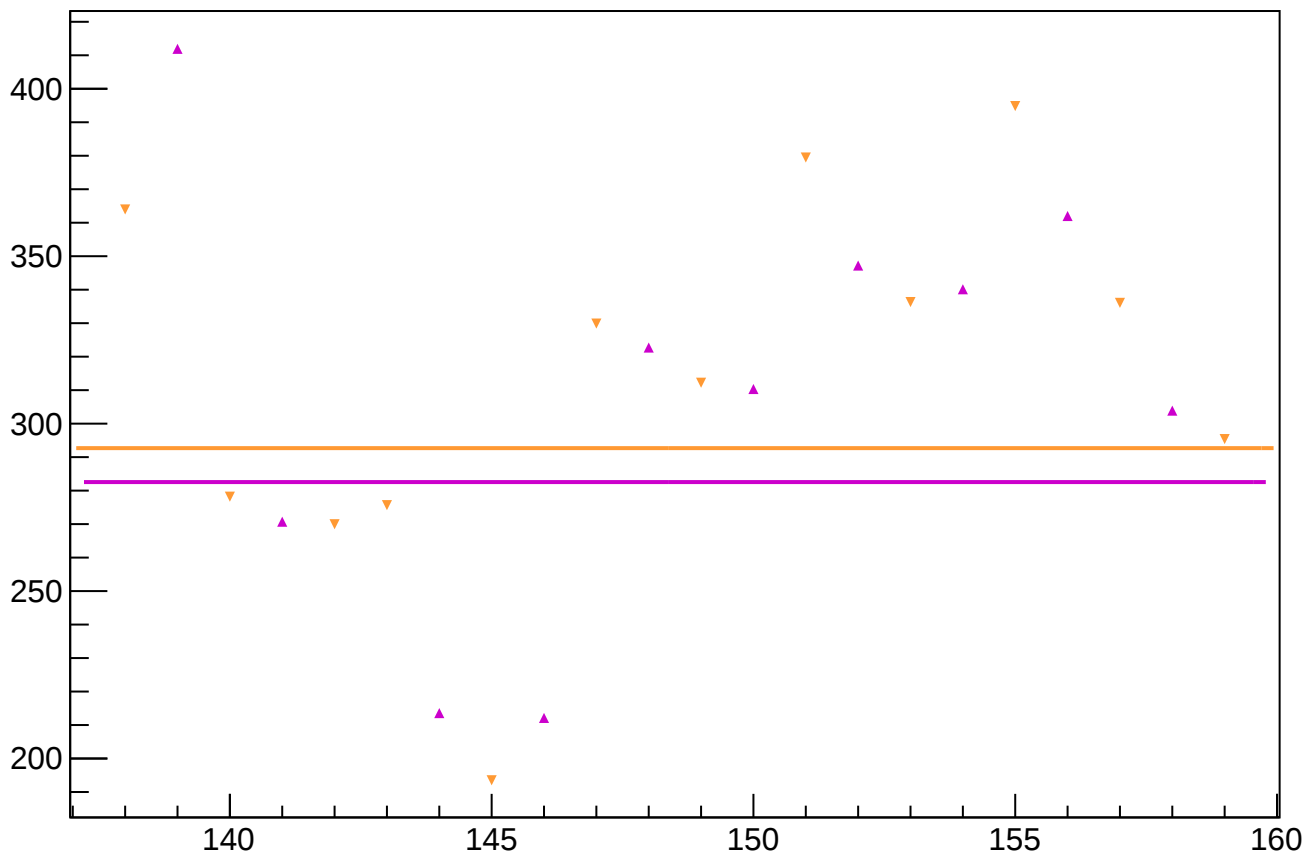
Left In: 103.661+/-101.524 χ^2/NDF : 6.1/9

-469.650+/-100.223 χ^2/NDF : 29.1/11

-186.693+/-71.324 χ^2/NDF : 51.3/21

103.661+/-101.524 χ^2/NDF : 6.1/9

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 292.687+/-0.071 χ^2/NDF : 735392.1/11

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

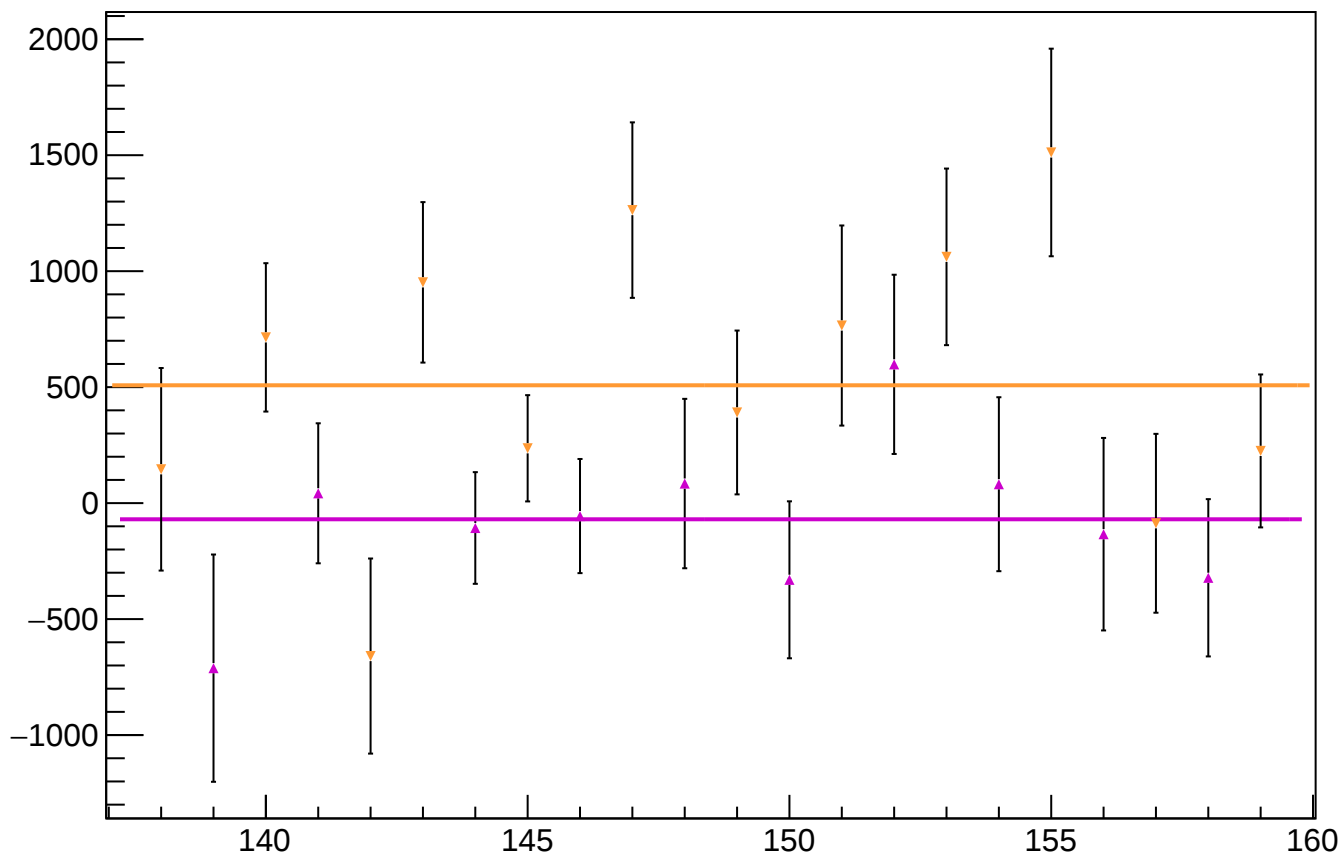
Left In: 282.551+/-0.072 χ^2/NDF : 720525.6/9

292.687+/-0.071 χ^2/NDF : 735392.1/11

287.684+/-0.050 χ^2/NDF : 1466014.5/21

282.551+/-0.072 χ^2/NDF : 720525.6/9

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 508.015+/-101.912 χ^2/NDF : 26.6/11

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

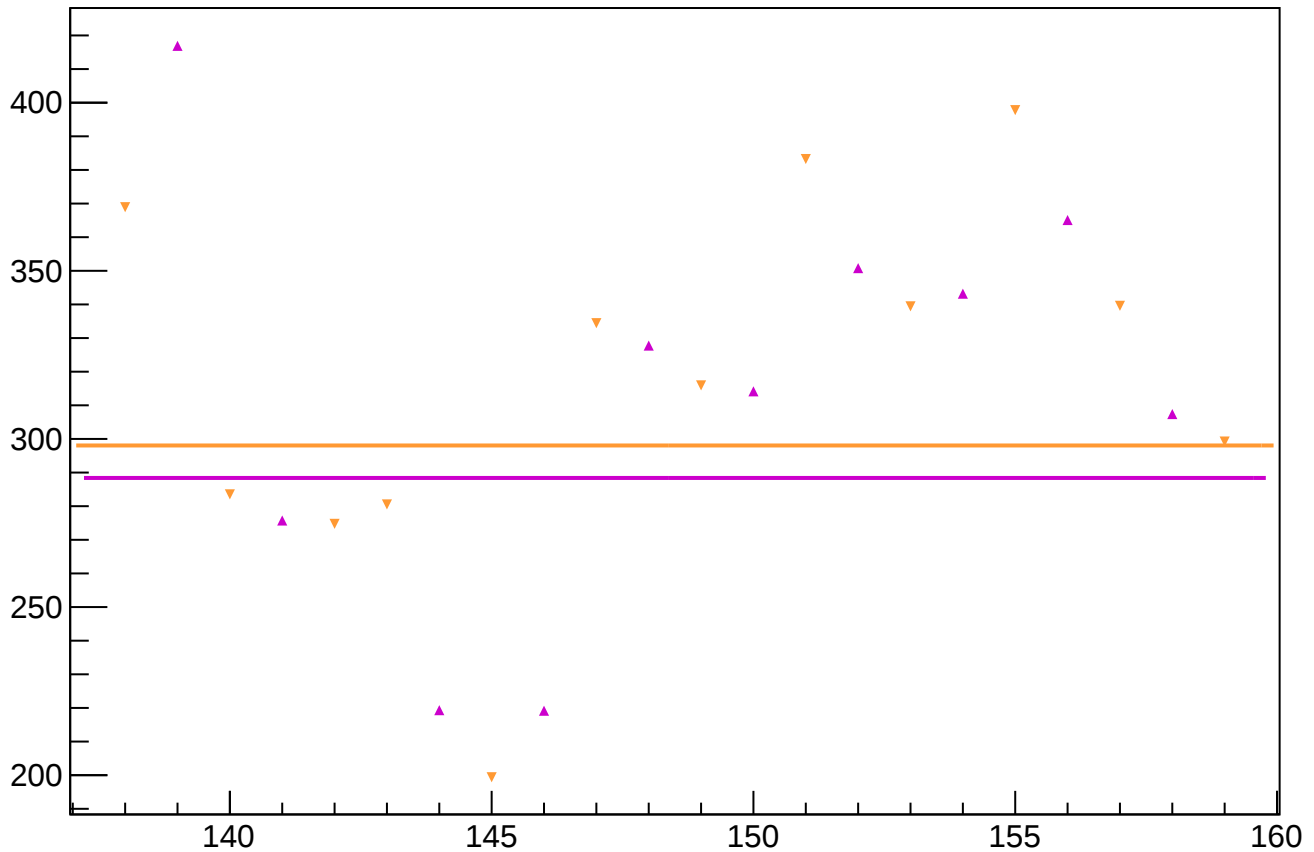
Left In: -69.713+/-103.438 χ^2/NDF : 6.4/9

508.015+/-101.912 χ^2/NDF : 26.6/11

223.441+/-72.596 χ^2/NDF : 48.8/21

-69.713+/-103.438 χ^2/NDF : 6.4/9

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 298.057+/-0.072 χ^2/NDF : 686917.1/11

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

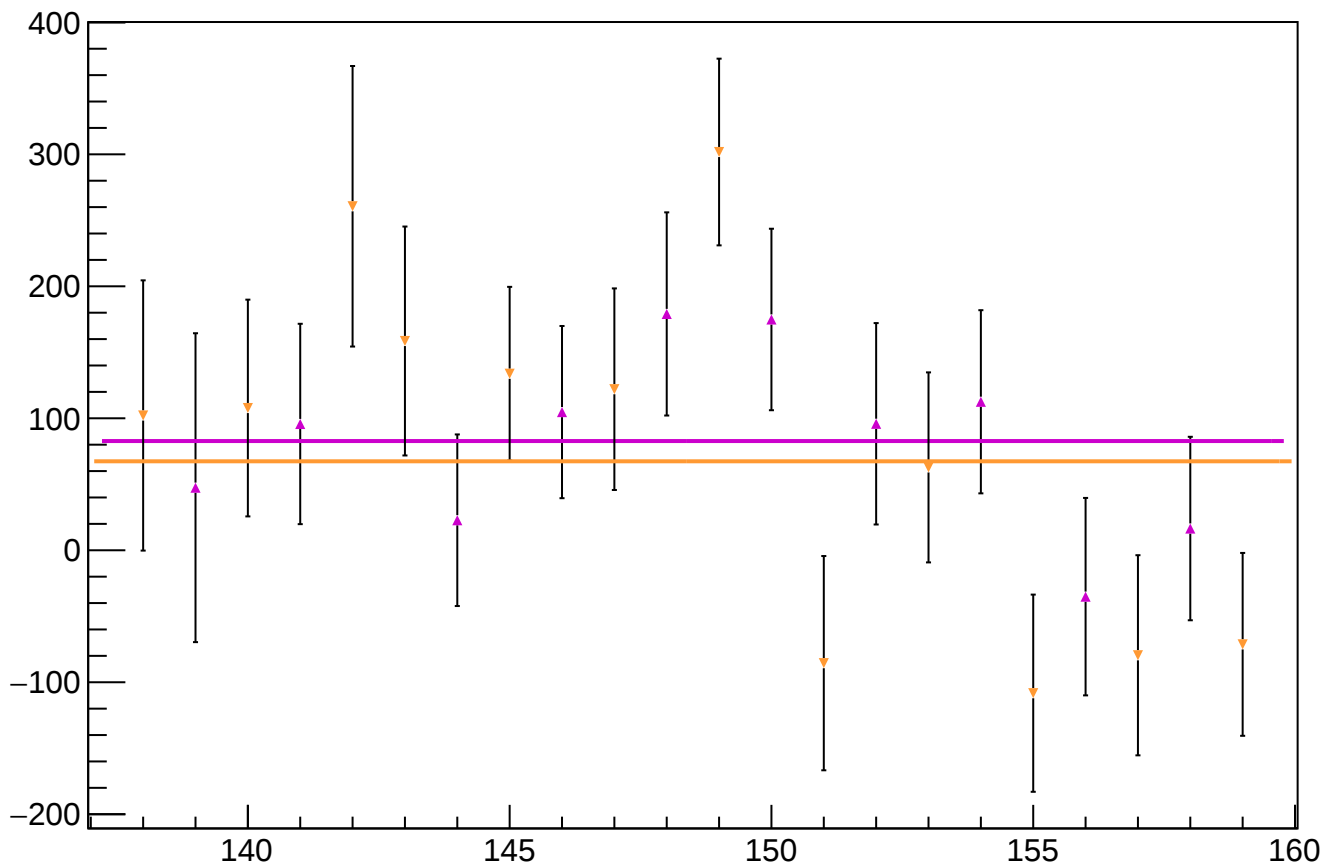
Left In: 288.399+/-0.073 χ^2/NDF : 668373.0/9

298.057+/-0.072 χ^2/NDF : 686917.1/11

293.299+/-0.051 χ^2/NDF : 1364138.0/21

288.399+/-0.073 χ^2/NDF : 668373.0/9

reg_asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 67.410+/-22.510 χ^2/NDF : 34.1/11

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

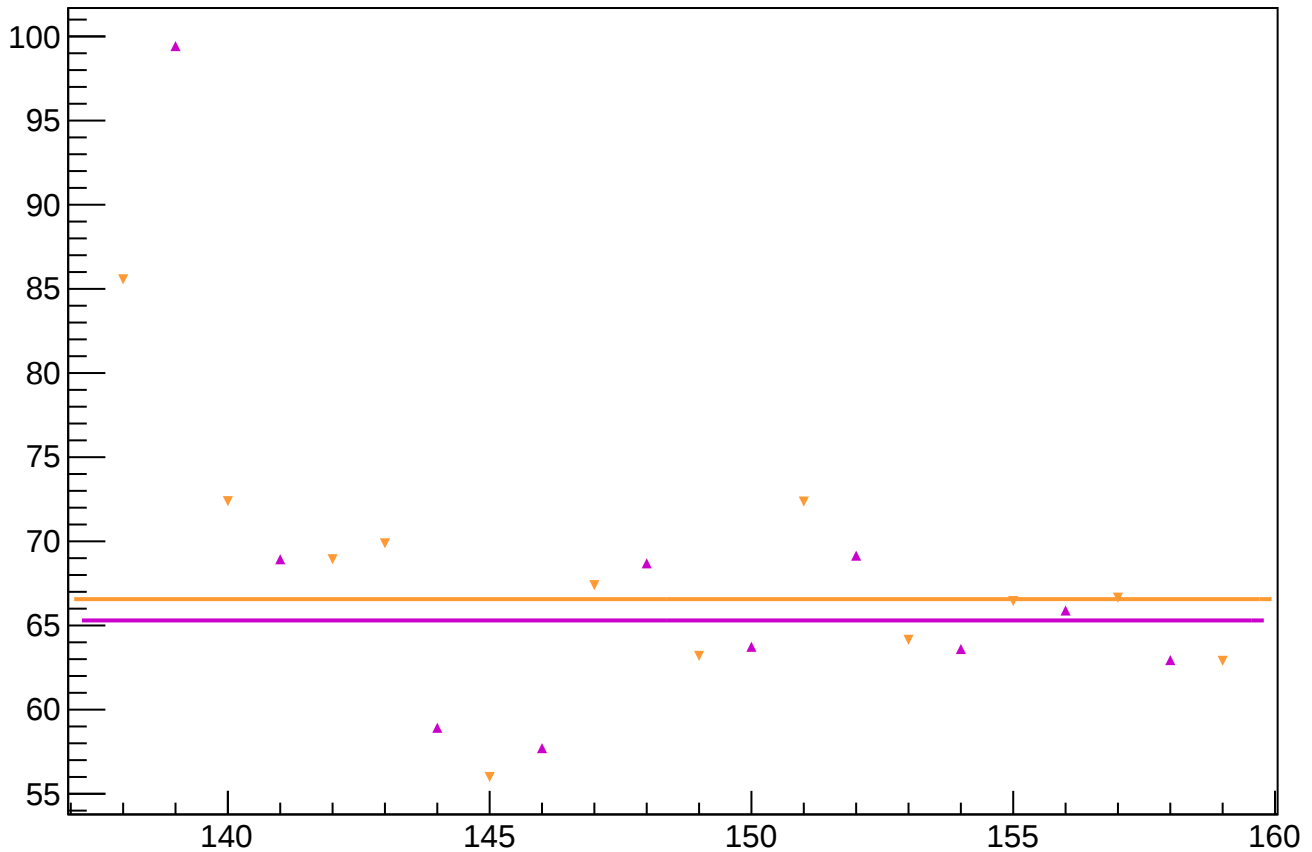
Left In: 82.756+/-23.164 χ^2/NDF : 8.1/9

67.410+/-22.510 χ^2/NDF : 34.1/11

74.863+/-16.143 χ^2/NDF : 42.4/21

82.756+/-23.164 χ^2/NDF : 8.1/9

reg_asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 66.566+/-0.016 χ^2/NDF :157263.0/11

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

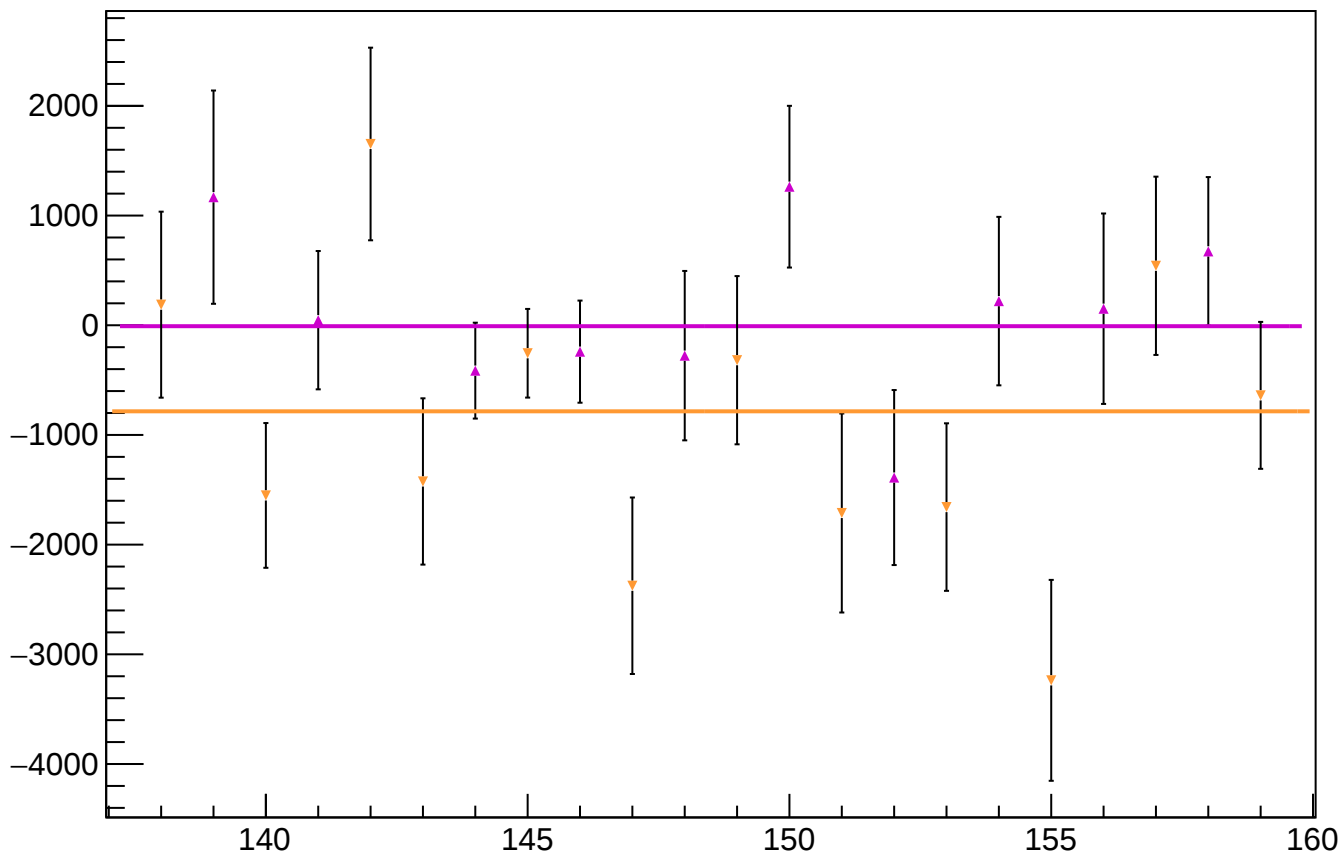
Left In: 65.300+/-0.016 χ^2/NDF :234626.3/9

66.566+/-0.016 χ^2/NDF : 157263.0/11

65.951+/-0.011 χ^2/NDF : 394960.4/21

65.300+/-0.016 χ^2/NDF : 234626.3/9

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -784.616+/-204.306 χ^2/NDF : 29.3/11

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

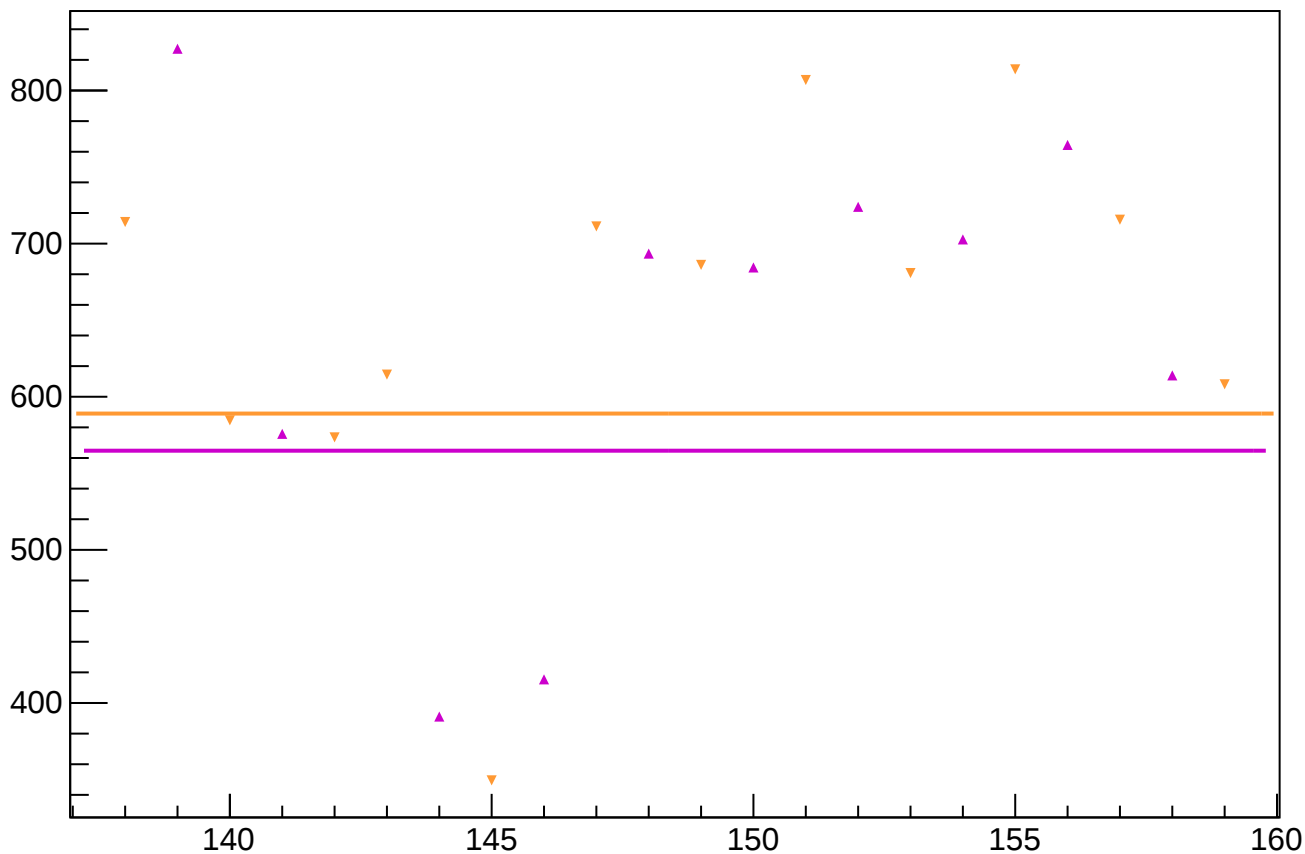
Left In: -8.589+/-205.347 χ^2/NDF : 9.8/9

-784.616+/-204.306 χ^2/NDF : 29.3/11

-398.575+/-144.833 χ^2/NDF : 46.3/21

-8.589+/-205.347 χ^2/NDF : 9.8/9

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 589.019+/-0.144 χ^2/NDF : 1142107.2/11

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

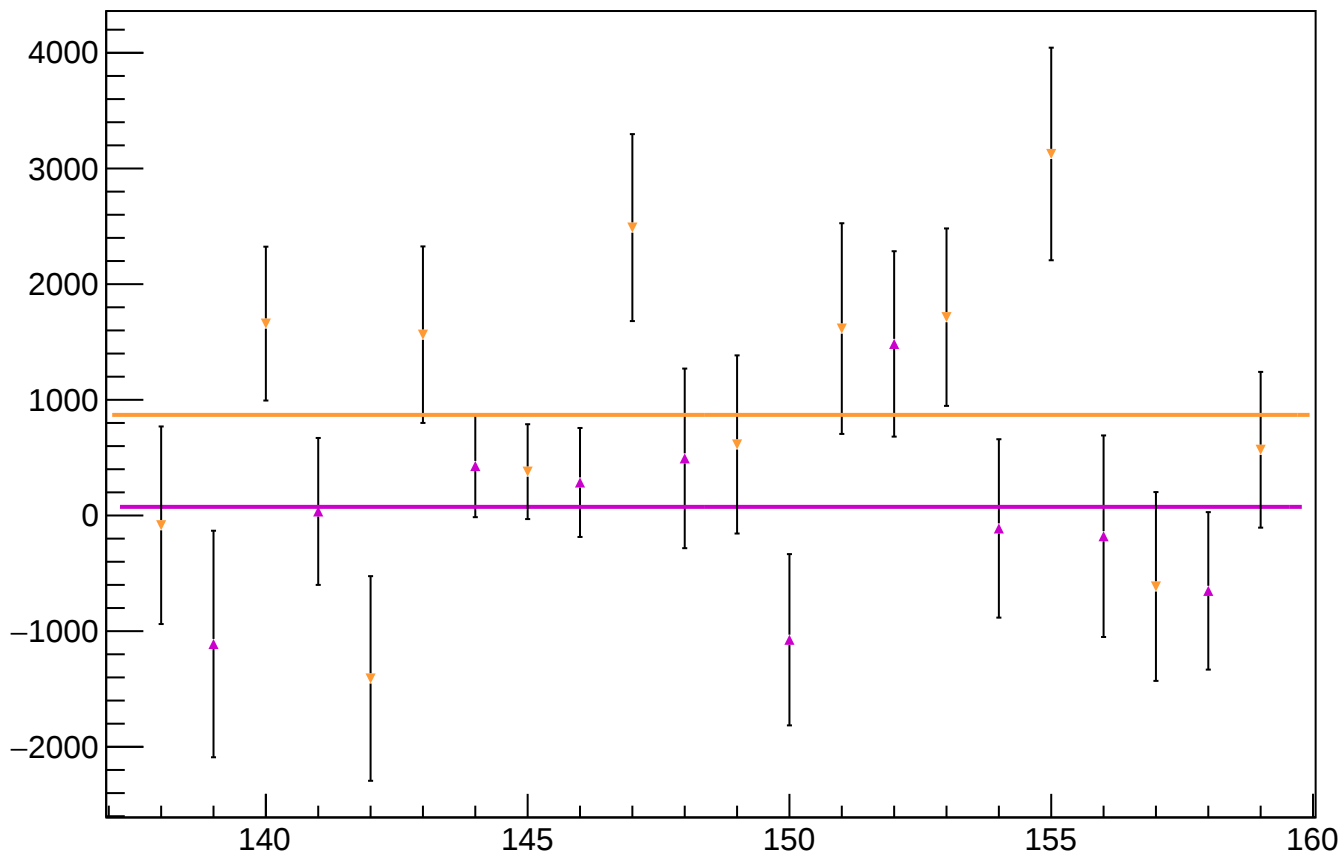
Left In: 564.763+/-0.145 χ^2/NDF : 1036821.2/9

589.019+/-0.144 χ^2/NDF : 1142107.2/11

576.953+/-0.102 χ^2/NDF : 2192951.7/21

564.763+/-0.145 χ^2/NDF : 1036821.2/9

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 869.766+/-205.901 χ^2/NDF : 27.1/11

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

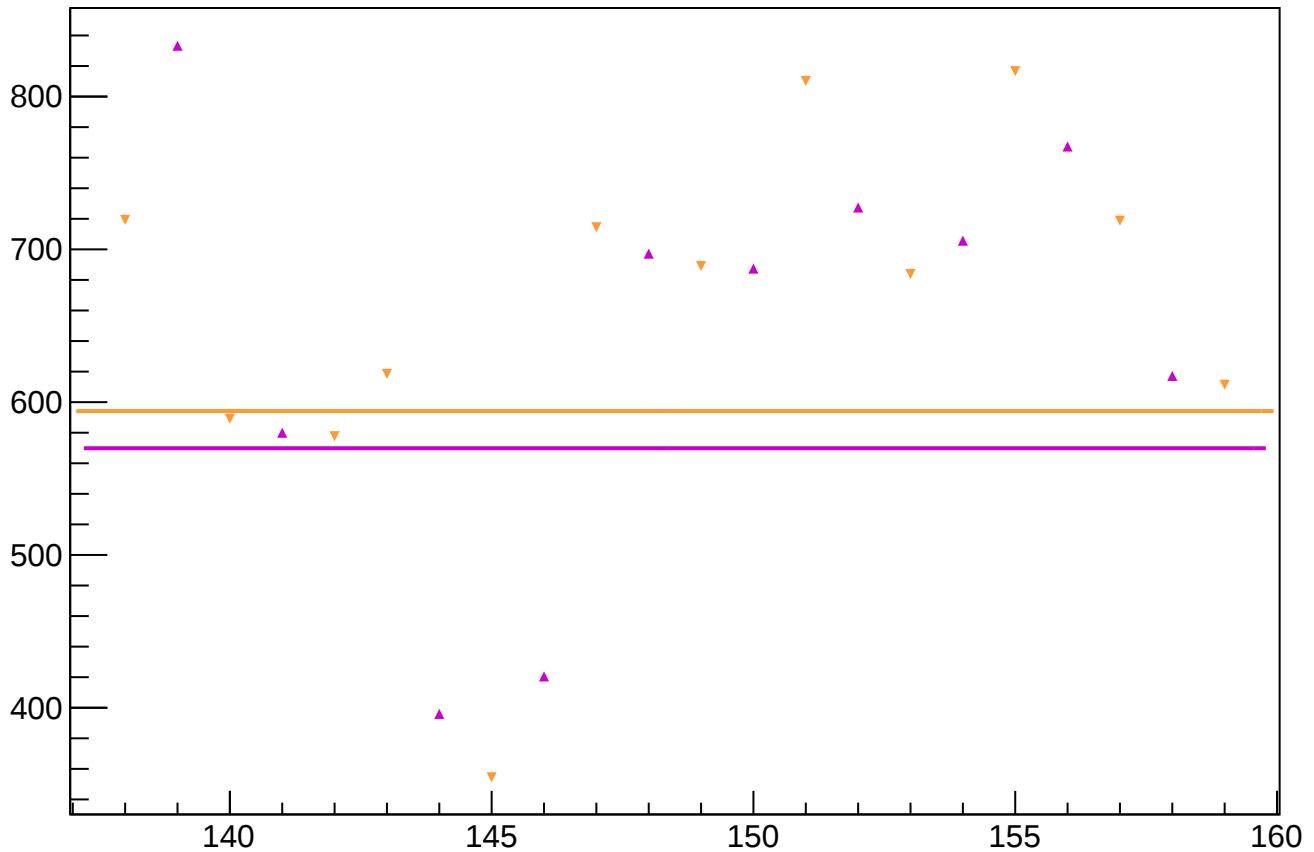
Left In: 74.549+/-207.010 χ^2/NDF : 9.4/9

869.766+/-205.901 χ^2/NDF : 27.1/11

474.293+/-145.985 χ^2/NDF : 43.9/21

74.549+/-207.010 χ^2/NDF : 9.4/9

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 594.189+/-0.146 χ^2/NDF : 1109100.5/11

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

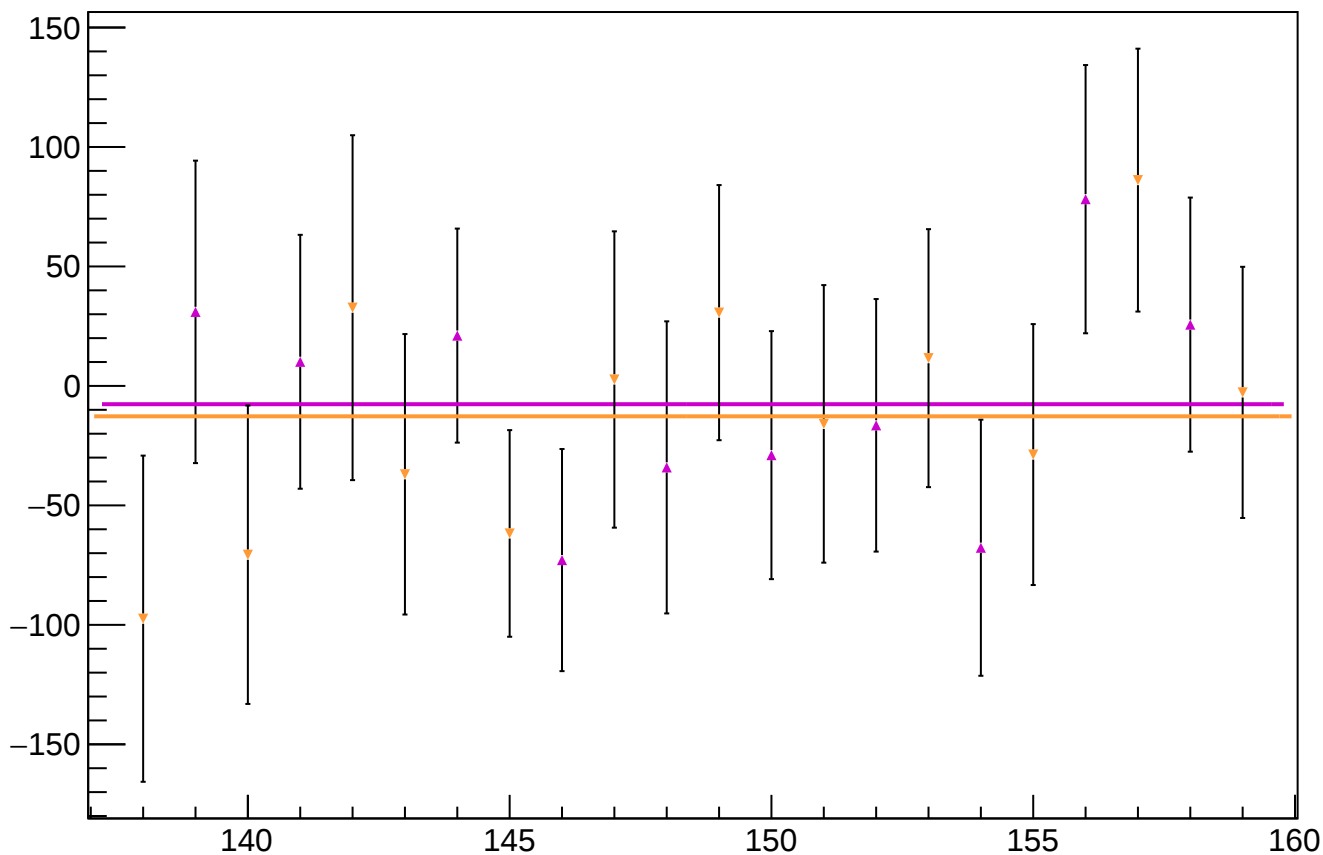
Left In: 569.840+/-0.146 χ^2/NDF : 1011352.8/9

594.189+/-0.146 χ^2/NDF : 1109100.5/11

582.080+/-0.103 χ^2/NDF : 2134362.7/21

569.840+/-0.146 χ^2/NDF : 1011352.8/9

reg_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -12.722 $\pm$ 16.294 χ^2 /NDF:8.5/11

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

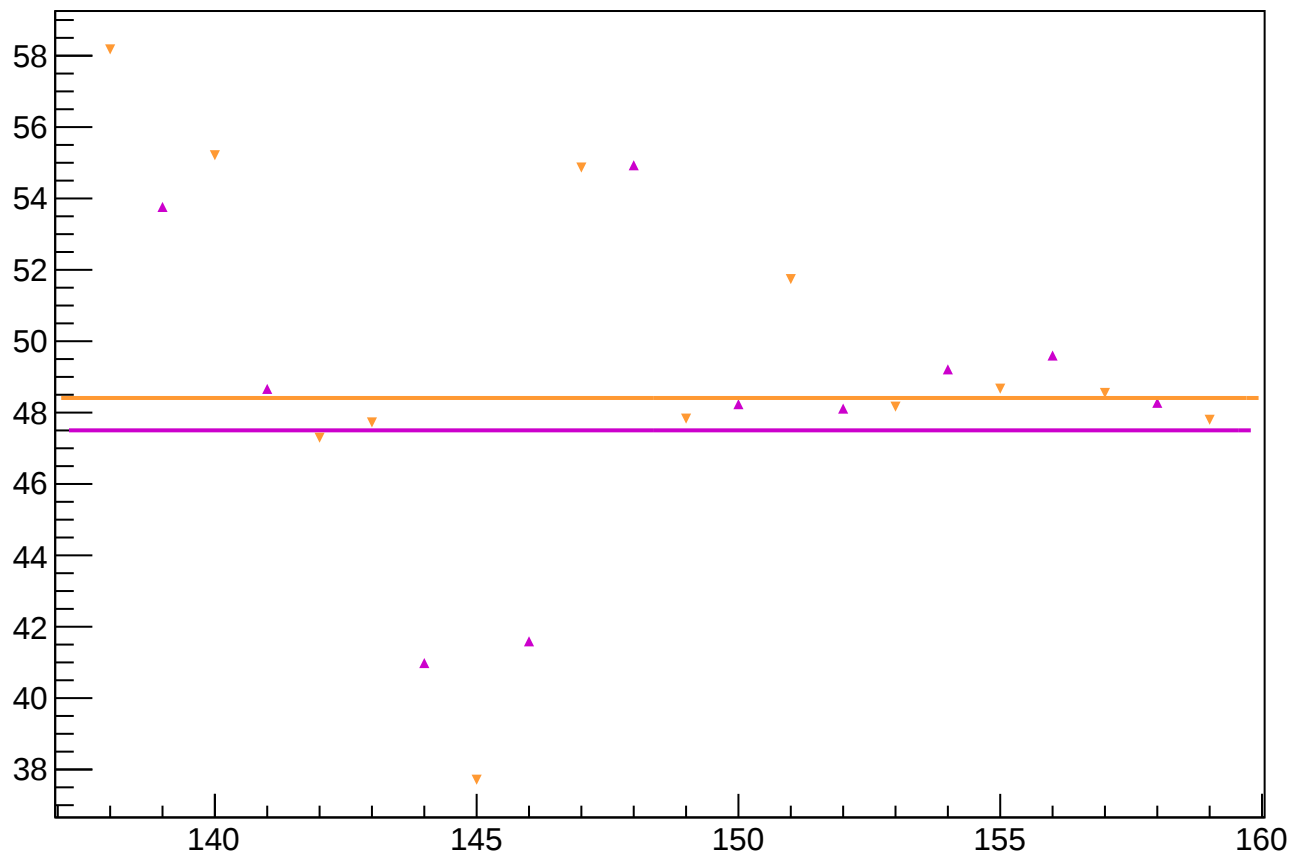
Left In: -7.652 $\pm$ 16.710 χ^2 /NDF:7.2/9

-12.722 $\pm$ 16.294 χ^2 /NDF: 8.5/11

-10.251 $\pm$ 11.666 χ^2 /NDF: 15.8/21

-7.652 $\pm$ 16.710 χ^2 /NDF: 7.2/9

reg_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 48.410+/-0.012 χ^2/NDF : 216663.6/11

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

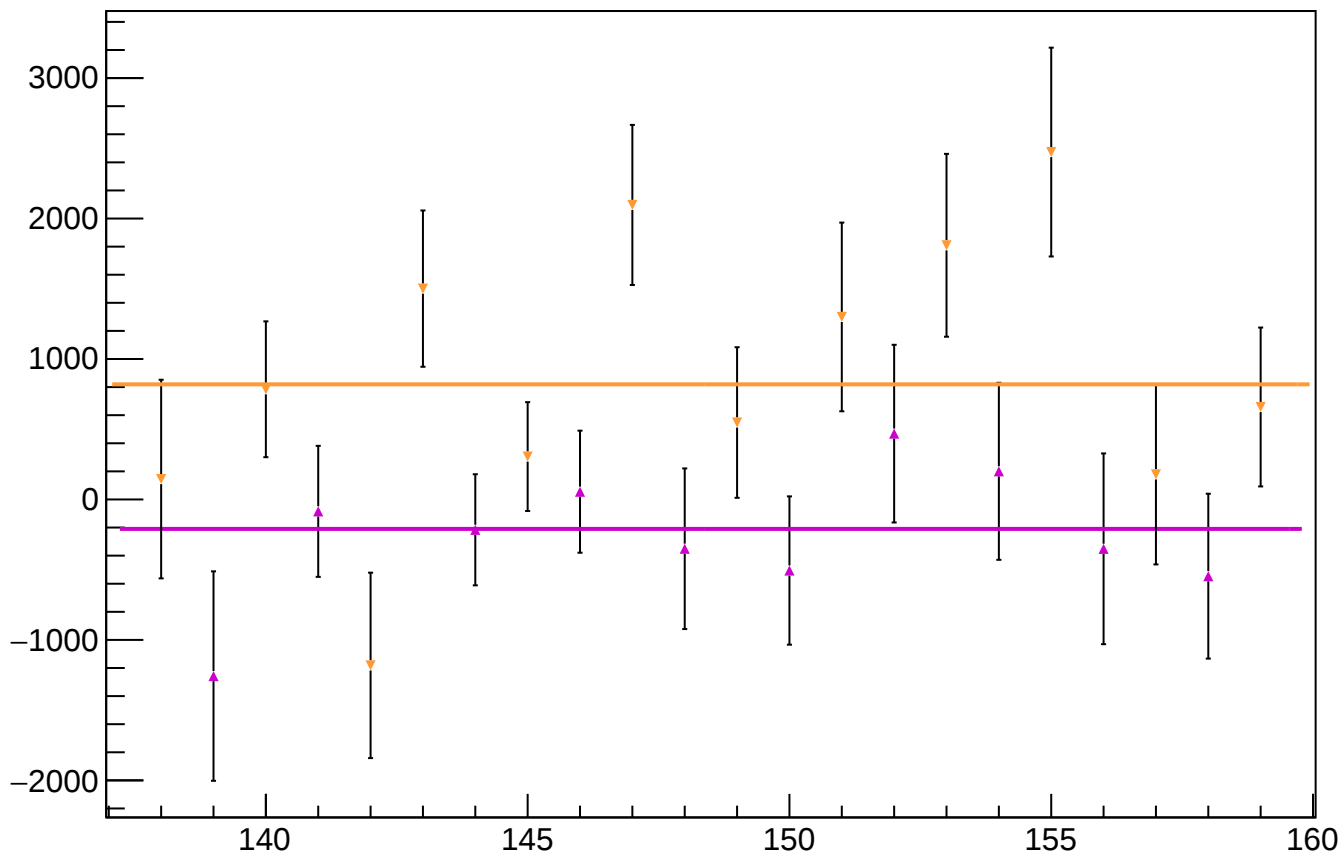
Left In: 47.503+/-0.012 χ^2/NDF : 130691.2/9

48.410+/-0.012 χ^2/NDF : 216663.6/11

47.968+/-0.008 χ^2/NDF : 350375.0/21

47.503+/-0.012 χ^2/NDF : 130691.2/9

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 819.623+/-164.471 χ^2/NDF : 27.5/11

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

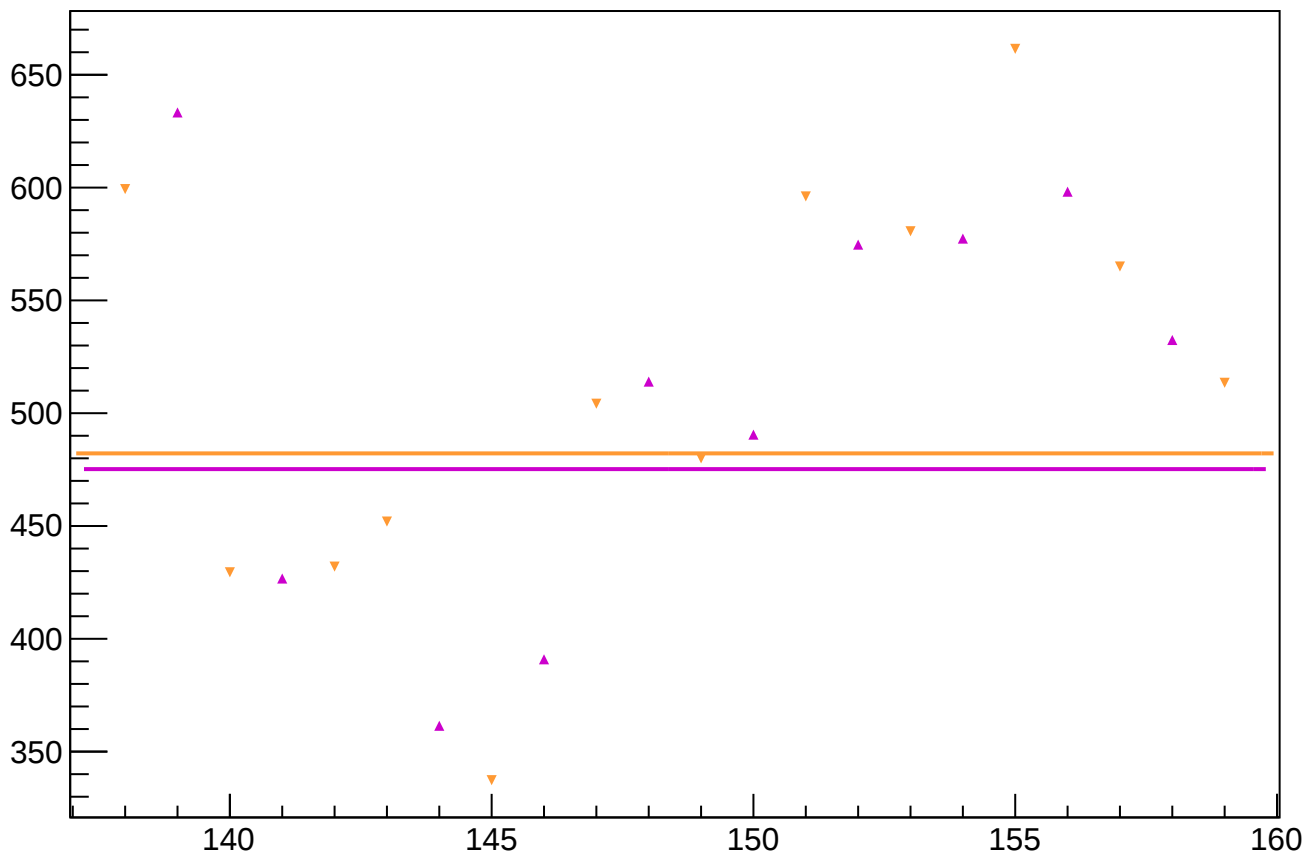
Left In: -209.643+/-169.464 χ^2/NDF : 4.7/9

819.623+/-164.471 χ^2/NDF : 27.5/11

320.378+/-118.024 χ^2/NDF : 51.2/21

-209.643+/-169.464 χ^2/NDF : 4.7/9

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 482.188+/-0.116 χ^2/NDF : 637827.4/11

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

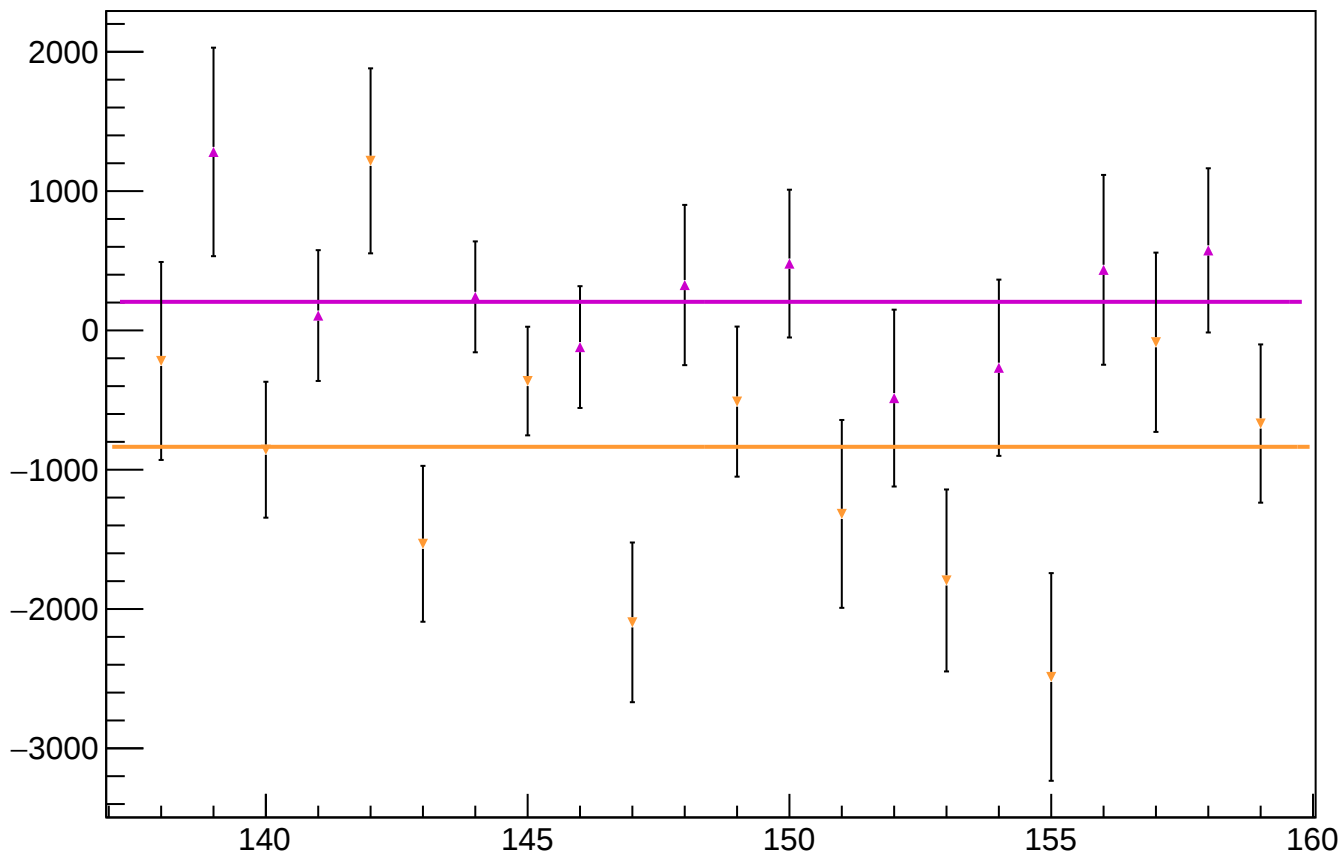
Left In: 475.217+/-0.120 χ^2/NDF : 549879.2/9

482.188+/-0.116 χ^2/NDF : 637827.4/11

478.807+/-0.083 χ^2/NDF : 1189449.5/21

475.217+/-0.120 χ^2/NDF : 549879.2/9

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -835.561+/-165.366 χ^2/NDF : 27.5/11

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

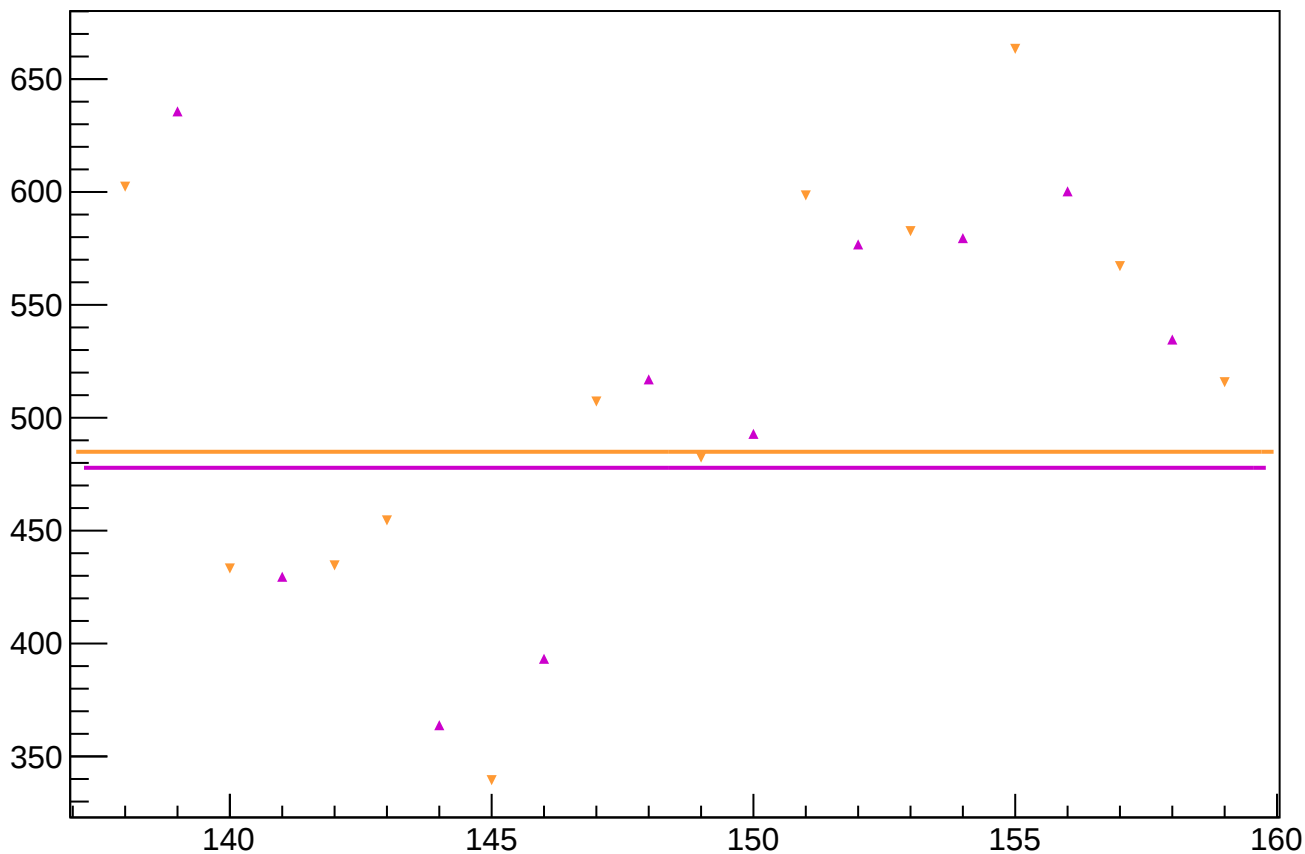
Left In: 205.192+/-170.358 χ^2/NDF : 5.2/9

-835.561+/-165.366 χ^2/NDF : 27.5/11

-330.655+/-118.657 χ^2/NDF : 52.0/21

205.192+/-170.358 χ^2/NDF : 5.2/9

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 484.935+/-0.117 χ^2/NDF : 630477.8/11

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

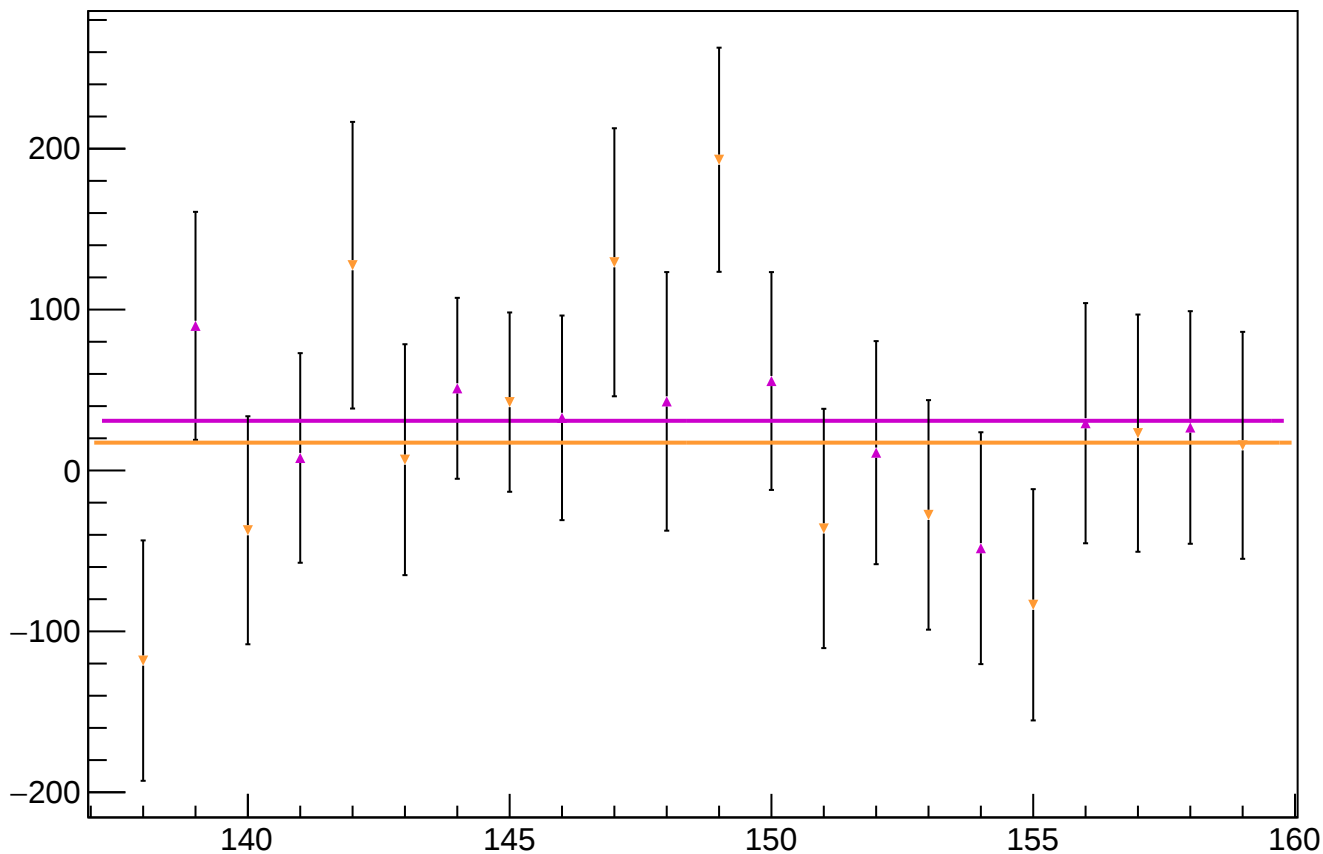
Left In: 477.833+/-0.120 χ^2/NDF : 543438.1/9

484.935+/-0.117 χ^2/NDF : 630477.8/11

481.490+/-0.084 χ^2/NDF : 1175705.6/21

477.833+/-0.120 χ^2/NDF : 543438.1/9

reg_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 17.299 $\pm$ 20.731 χ^2 /NDF:16.7/11

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

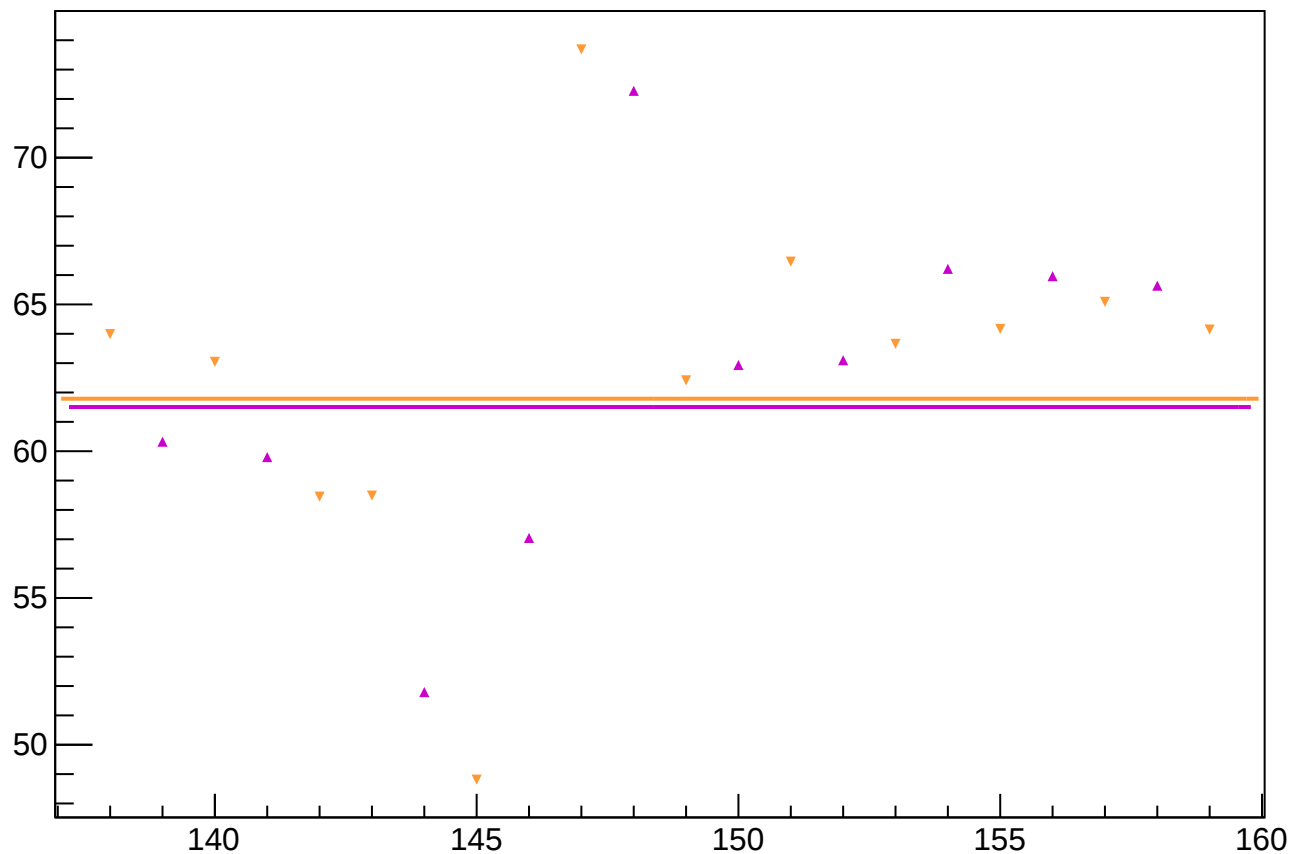
Left In: 30.872 $\pm$ 21.601 χ^2 /NDF:2.4/9

17.299 $\pm$ 20.731 χ^2 /NDF: 16.7/11

23.807 $\pm$ 14.957 χ^2 /NDF: 19.3/21

30.872 $\pm$ 21.601 χ^2 /NDF: 2.4/9

reg_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 61.788+/-0.015 χ^2/NDF :176518.4/11

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

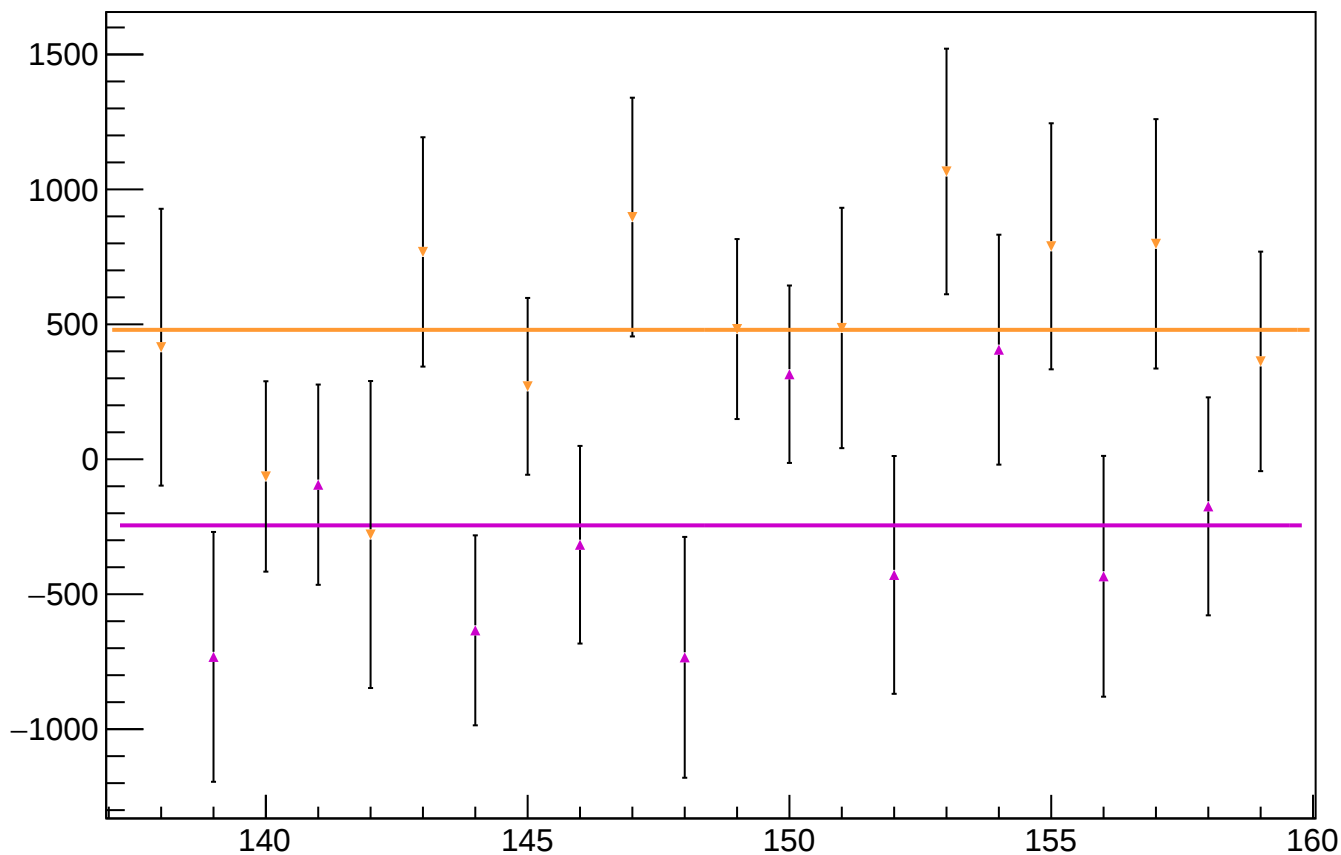
Left In: 61.505+/-0.015 χ^2/NDF :131499.7/9

61.788+/-0.015 χ^2/NDF : 176518.4/11

61.652+/-0.011 χ^2/NDF : 308197.9/21

61.505+/-0.015 χ^2/NDF : 131499.7/9

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 479.600+/-120.118 χ^2/NDF : 8.6/11

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

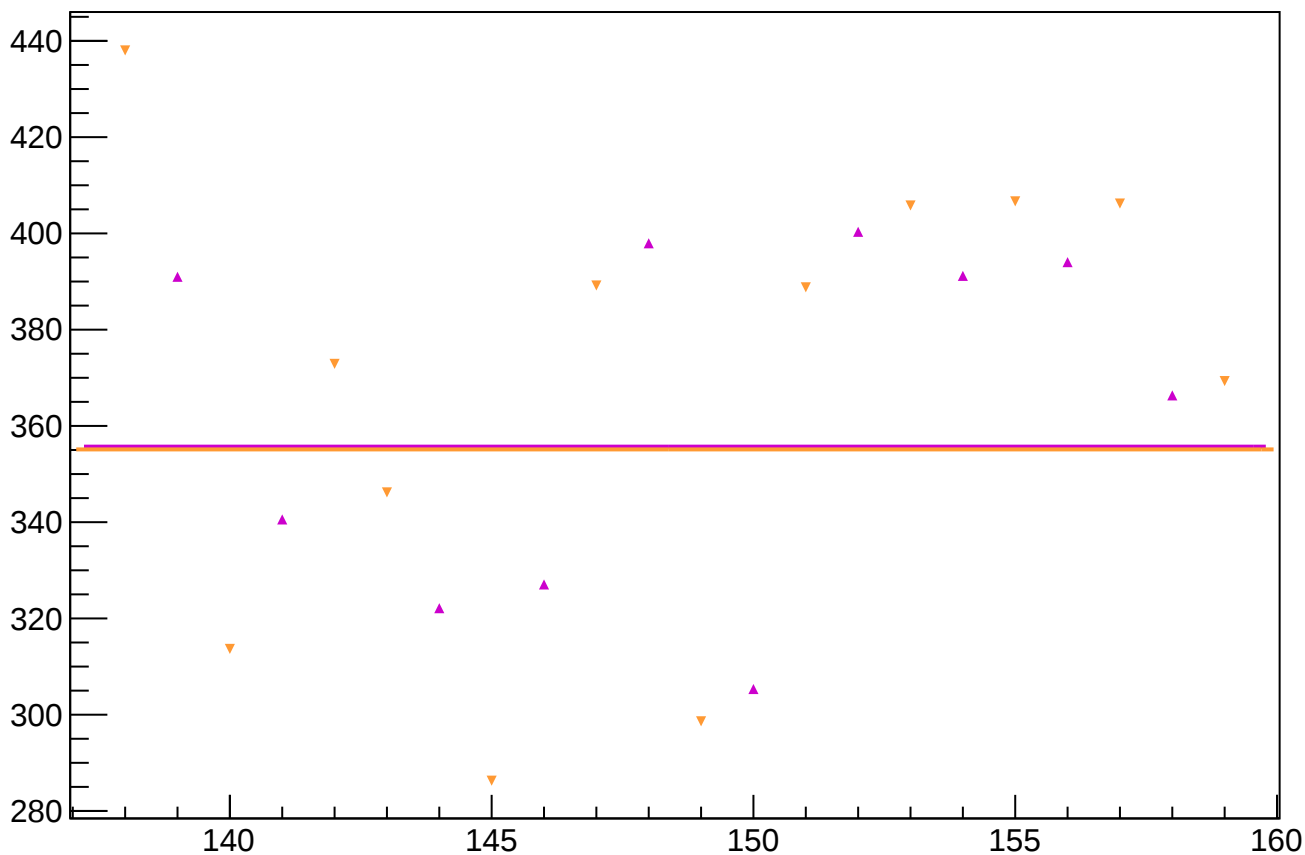
Left In: -244.899+/-125.436 χ^2/NDF : 9.4/9

479.600+/-120.118 χ^2/NDF : 8.6/11

133.035+/-86.756 χ^2/NDF : 35.4/21

-244.899+/-125.436 χ^2/NDF : 9.4/9

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 355.120+/-0.085 χ^2/NDF : 328985.2/11

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

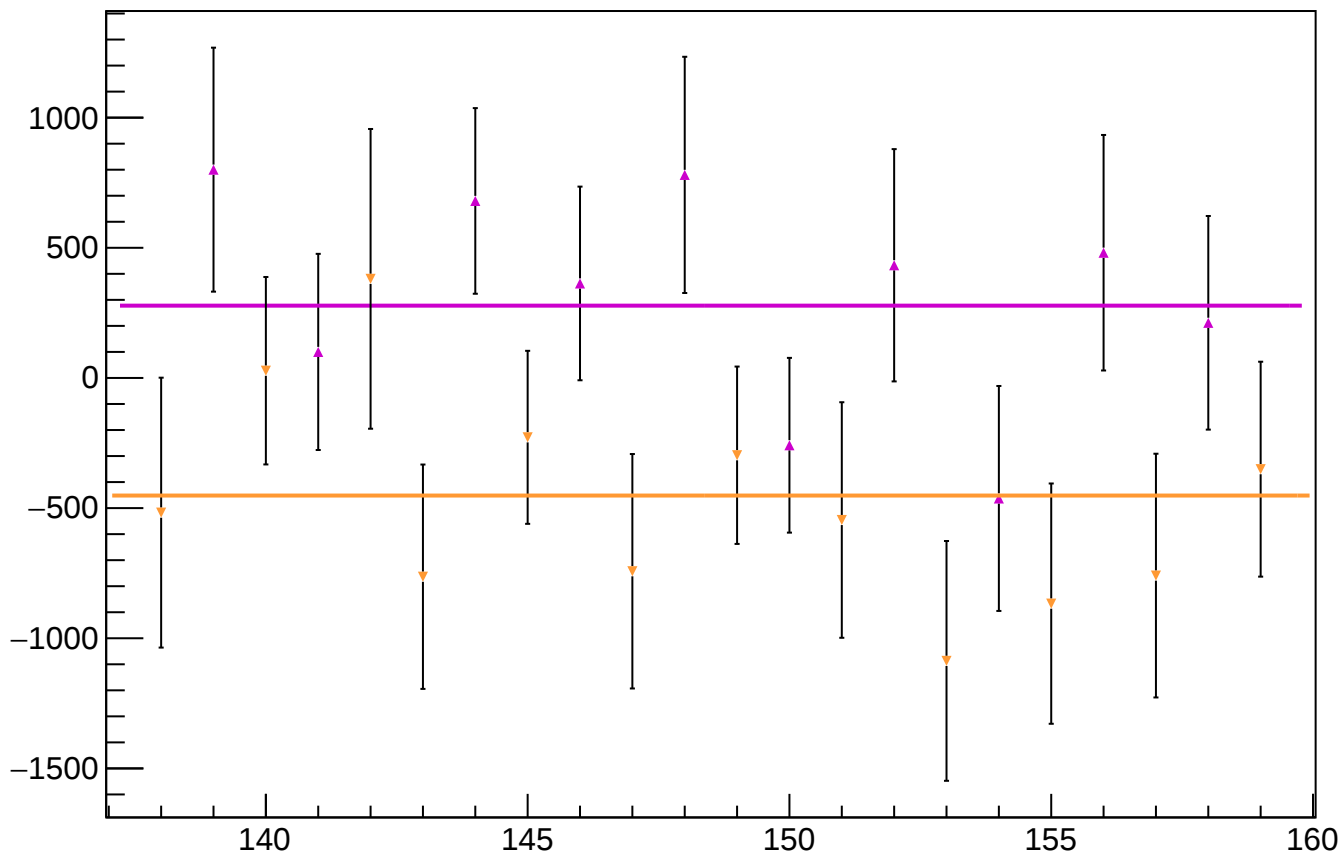
Left In: 355.694+/-0.089 χ^2/NDF : 160803.5/9

355.120+/-0.085 χ^2/NDF : 328985.2/11

355.395+/-0.061 χ^2/NDF : 489810.5/21

355.694+/-0.089 χ^2/NDF : 160803.5/9

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -451.729+/-122.024 χ^2/NDF : 8.7/11

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

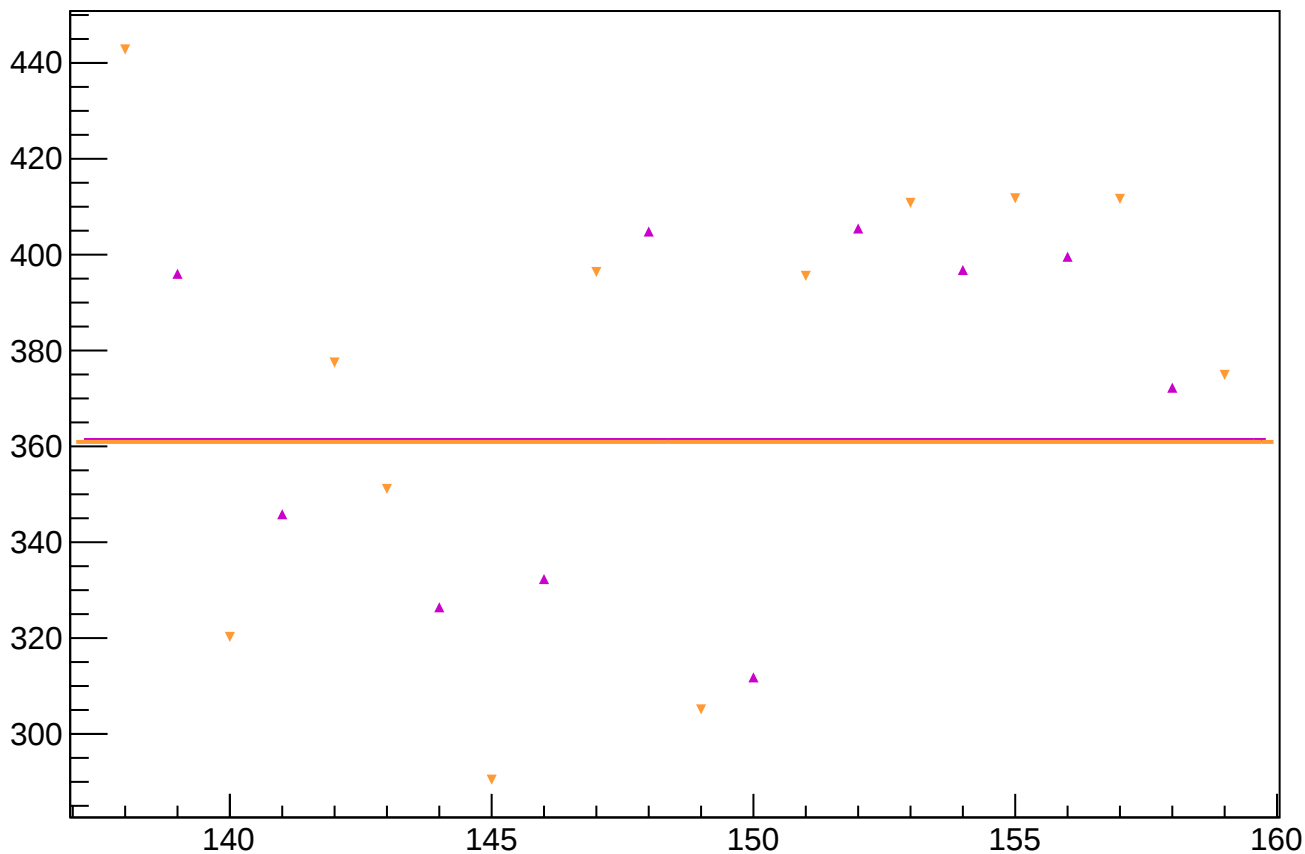
Left In: 277.777+/-127.382 χ^2/NDF : 9.9/9

-451.729+/-122.024 χ^2/NDF : 8.7/11

-102.643+/-88.117 χ^2/NDF : 35.7/21

277.777+/-127.382 χ^2/NDF : 9.9/9

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 360.934+/-0.086 χ^2/NDF : 319334.4/11

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

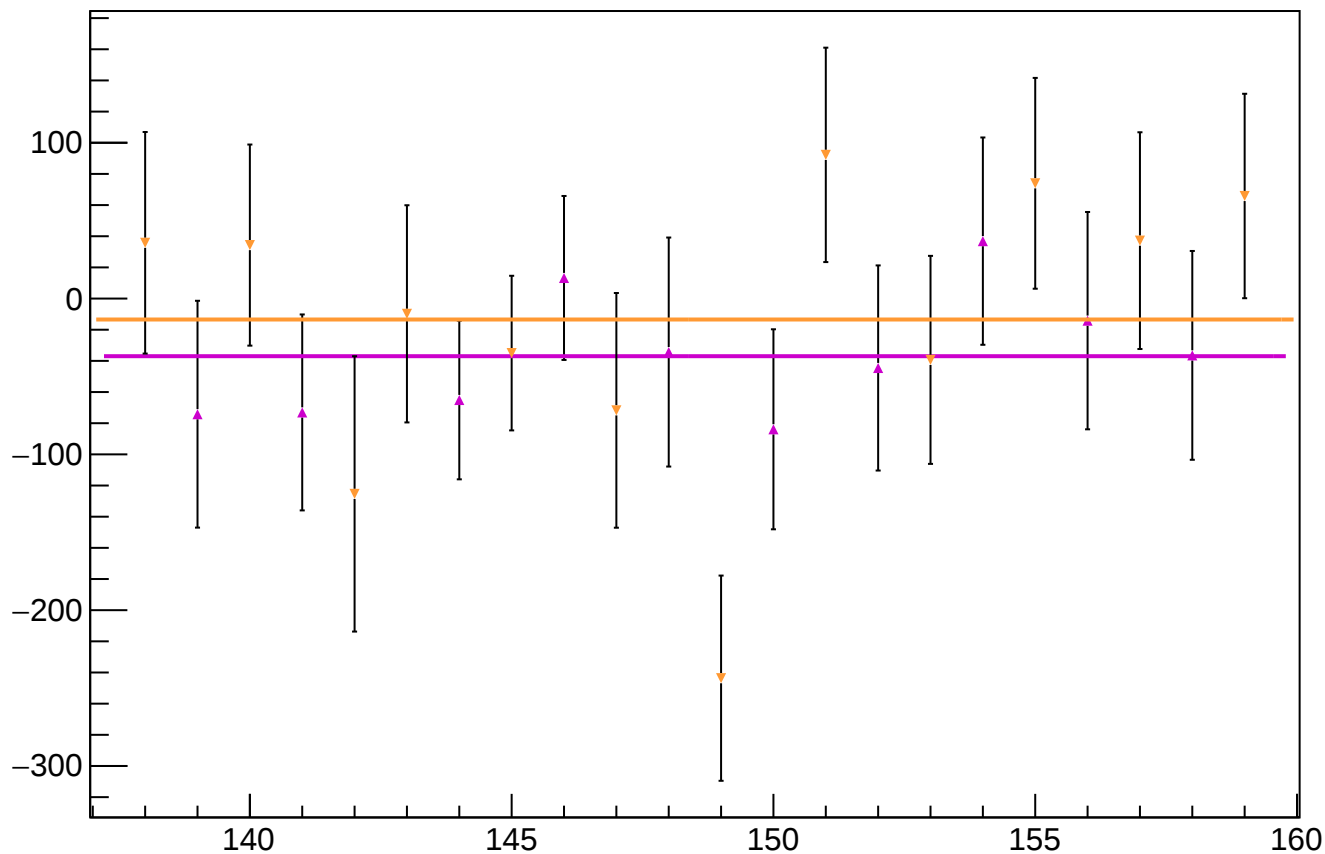
Left In: 361.327+/-0.090 χ^2/NDF : 156326.0/9

360.934+/-0.086 χ^2/NDF : 319334.4/11

361.122+/-0.062 χ^2/NDF : 475670.3/21

361.327+/-0.090 χ^2/NDF : 156326.0/9

reg_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -13.442+/-19.324 χ^2/NDF : 21.8/11

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

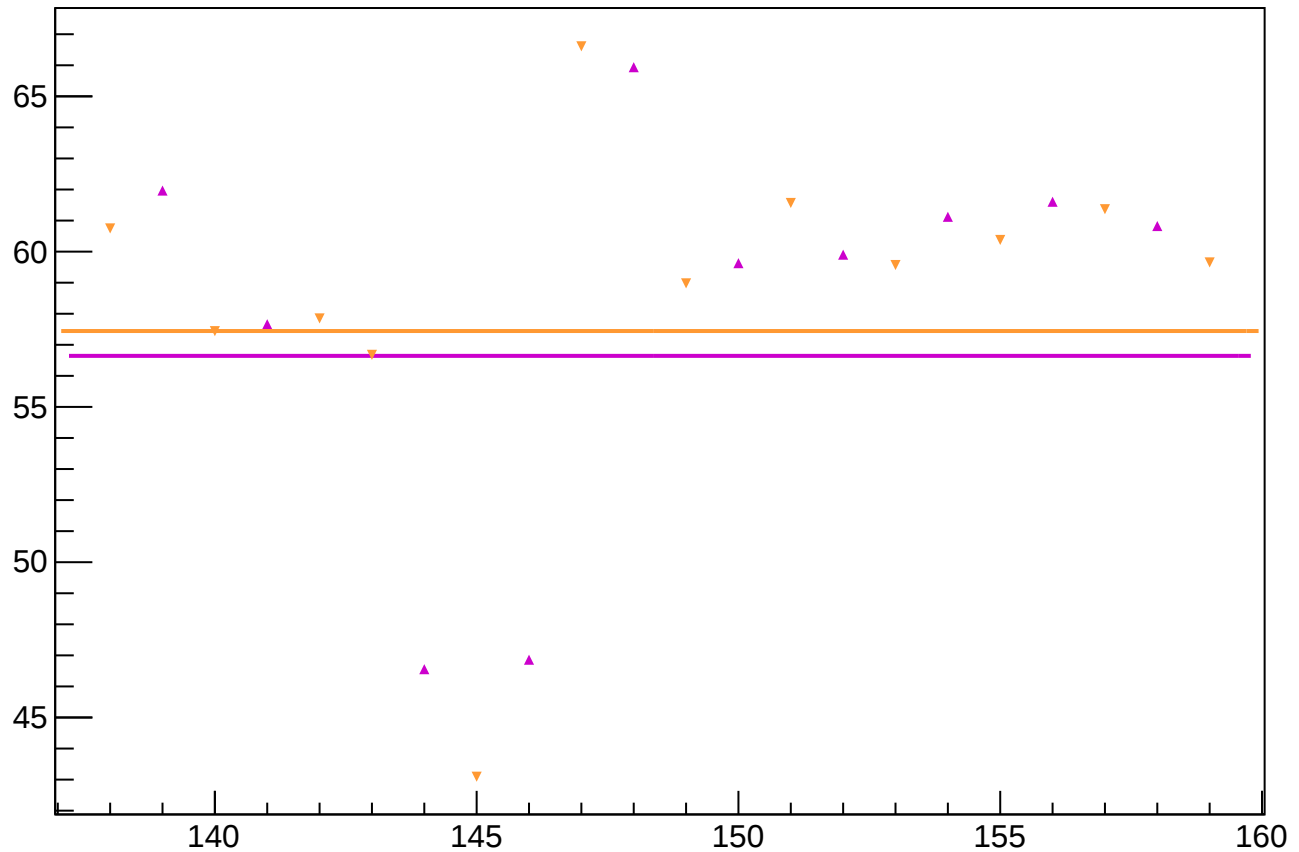
Left In: -36.989+/-19.995 χ^2/NDF : 3.7/9

-13.442+/-19.324 χ^2/NDF : 21.8/11

-24.813+/-13.895 χ^2/NDF : 26.2/21

-36.989+/-19.995 χ^2/NDF : 3.7/9

reg_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 57.444 $\pm$ 0.014 χ^2/NDF :224189.7/11

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

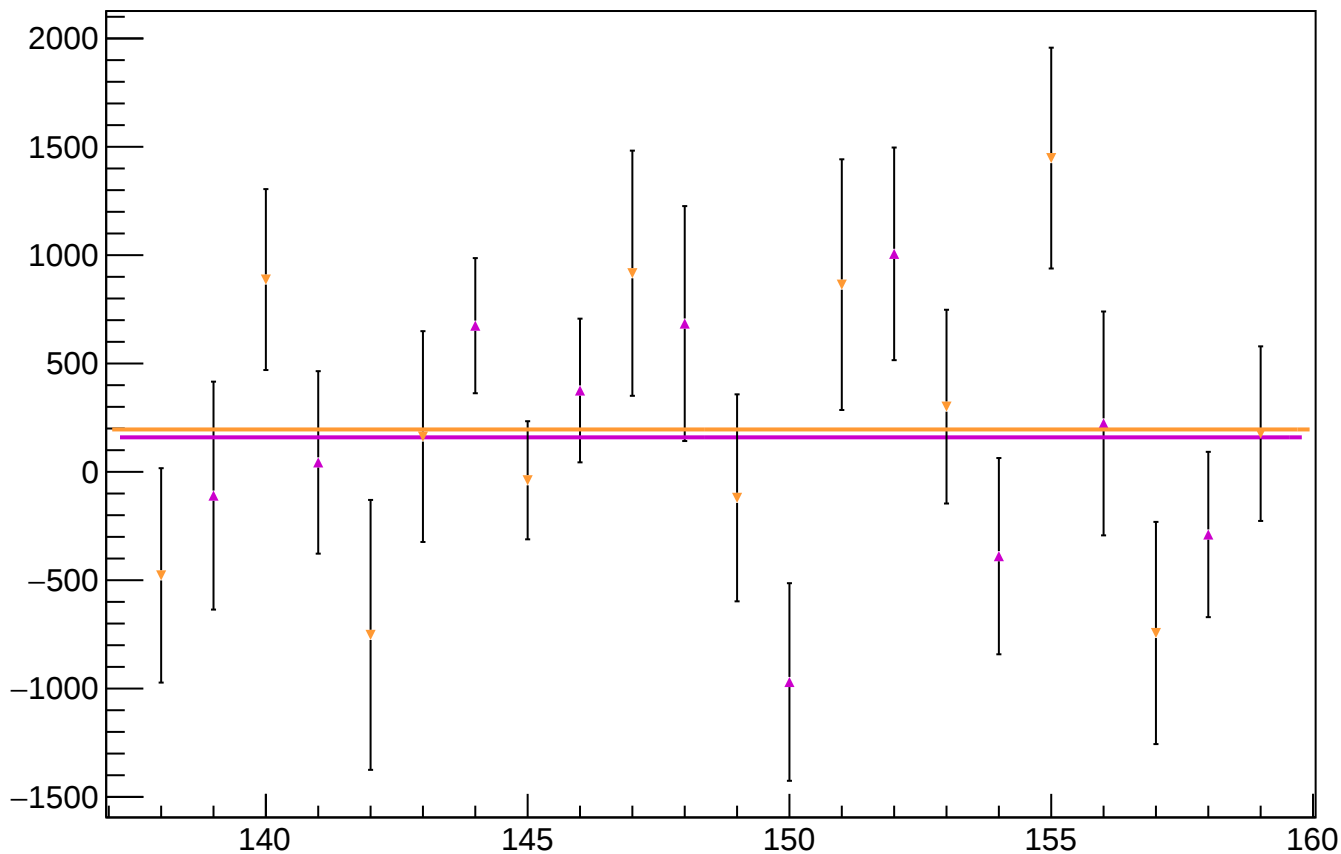
Left In: 56.644 $\pm$ 0.014 χ^2/NDF :227003.7/9

57.444 $\pm$ 0.014 χ^2/NDF : 224189.7/11

57.057 $\pm$ 0.010 χ^2/NDF : 452847.3/21

56.644 $\pm$ 0.014 χ^2/NDF : 227003.7/9

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 195.693 $\pm$ 129.736 χ^2/NDF : 20.5/11

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

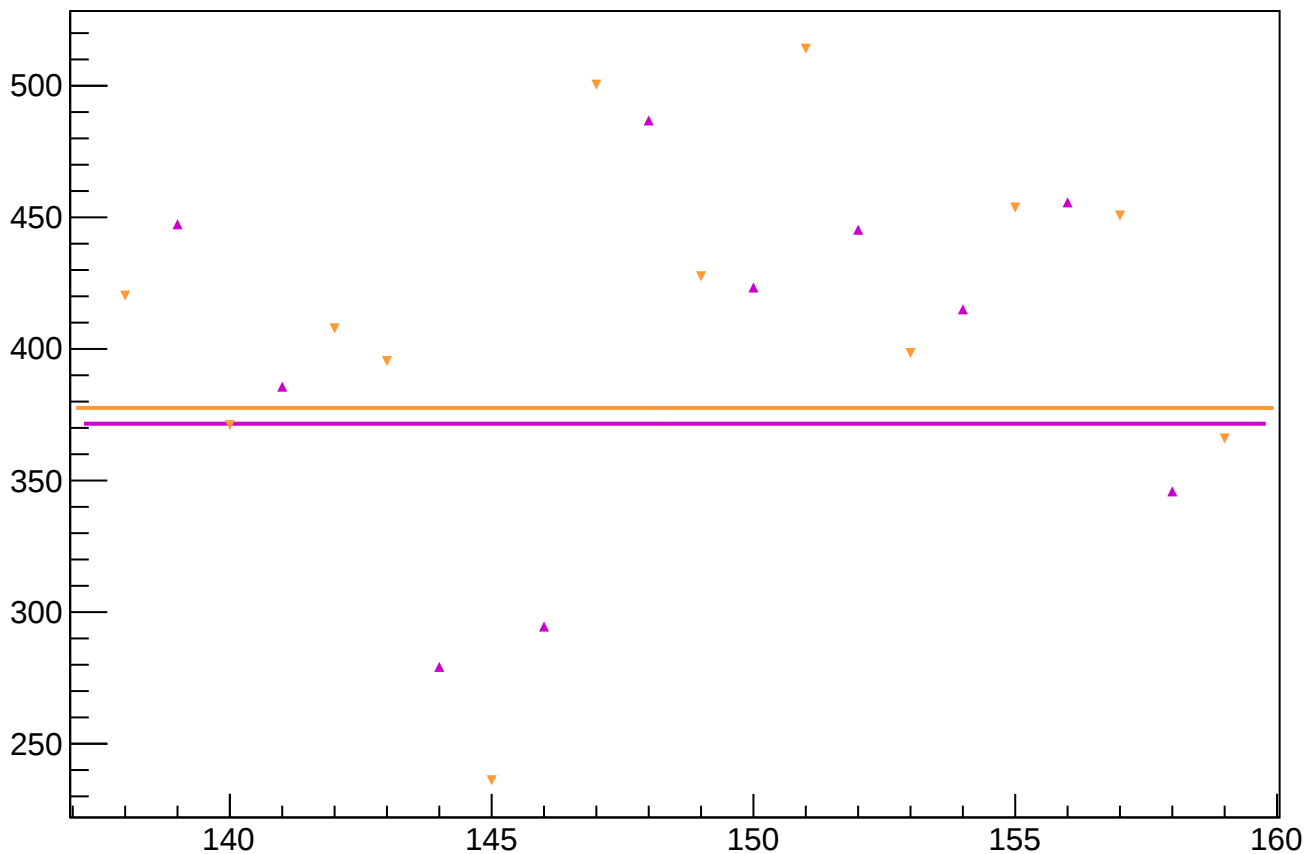
Left In: 159.297 $\pm$ 133.033 χ^2/NDF : 16.4/9

195.693 $\pm$ 129.736 χ^2/NDF : 20.5/11

177.952 $\pm$ 92.881 χ^2/NDF : 37.0/21

159.297 $\pm$ 133.033 χ^2/NDF : 16.4/9

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 377.586+/-0.092 χ^2/NDF : 880707.0/11

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

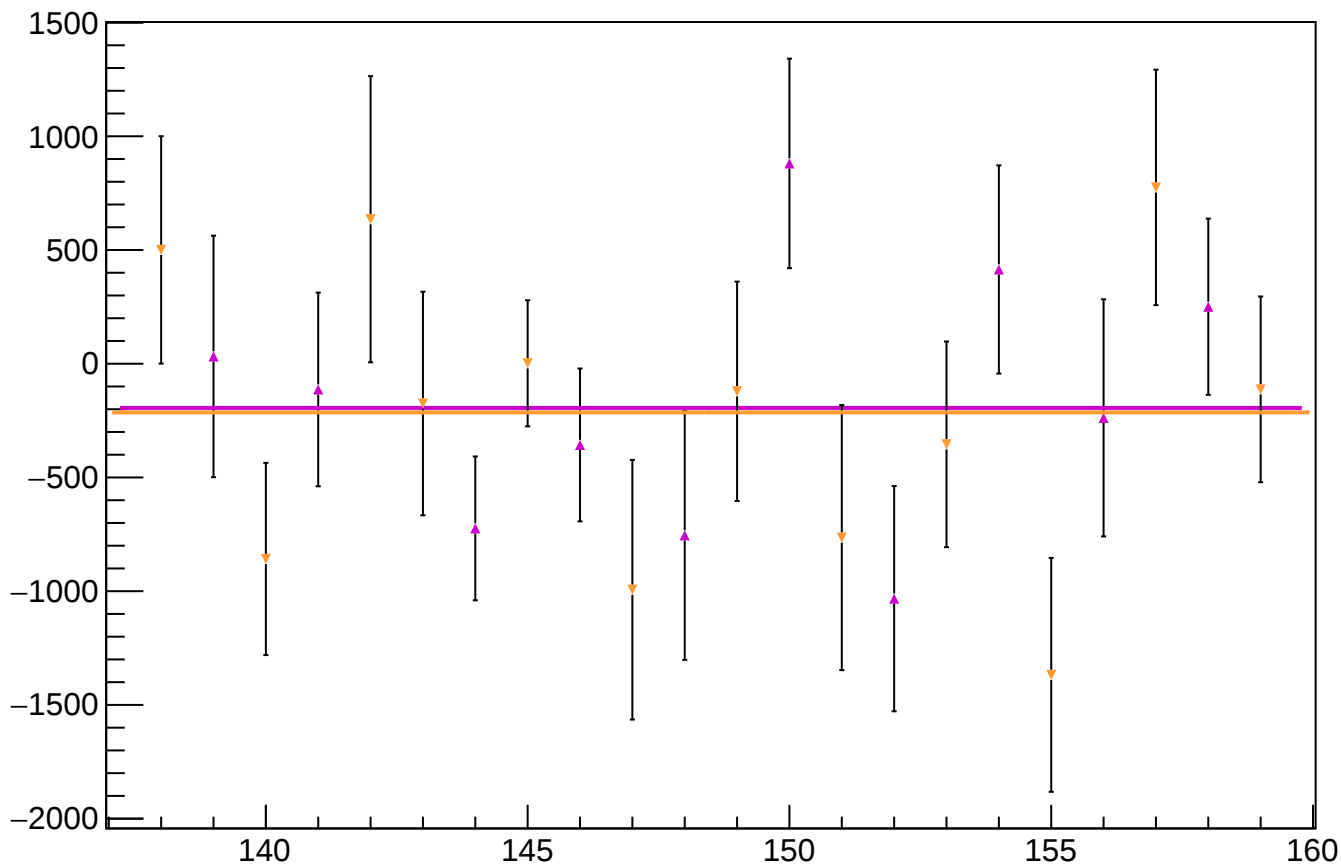
Left In: 371.598+/-0.094 χ^2/NDF : 569307.8/9

377.586+/-0.092 χ^2/NDF : 880707.0/11

374.667+/-0.066 χ^2/NDF : 1452091.8/21

371.598+/-0.094 χ^2/NDF : 569307.8/9

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -213.963+/-131.280 χ^2/NDF : 18.4/11

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

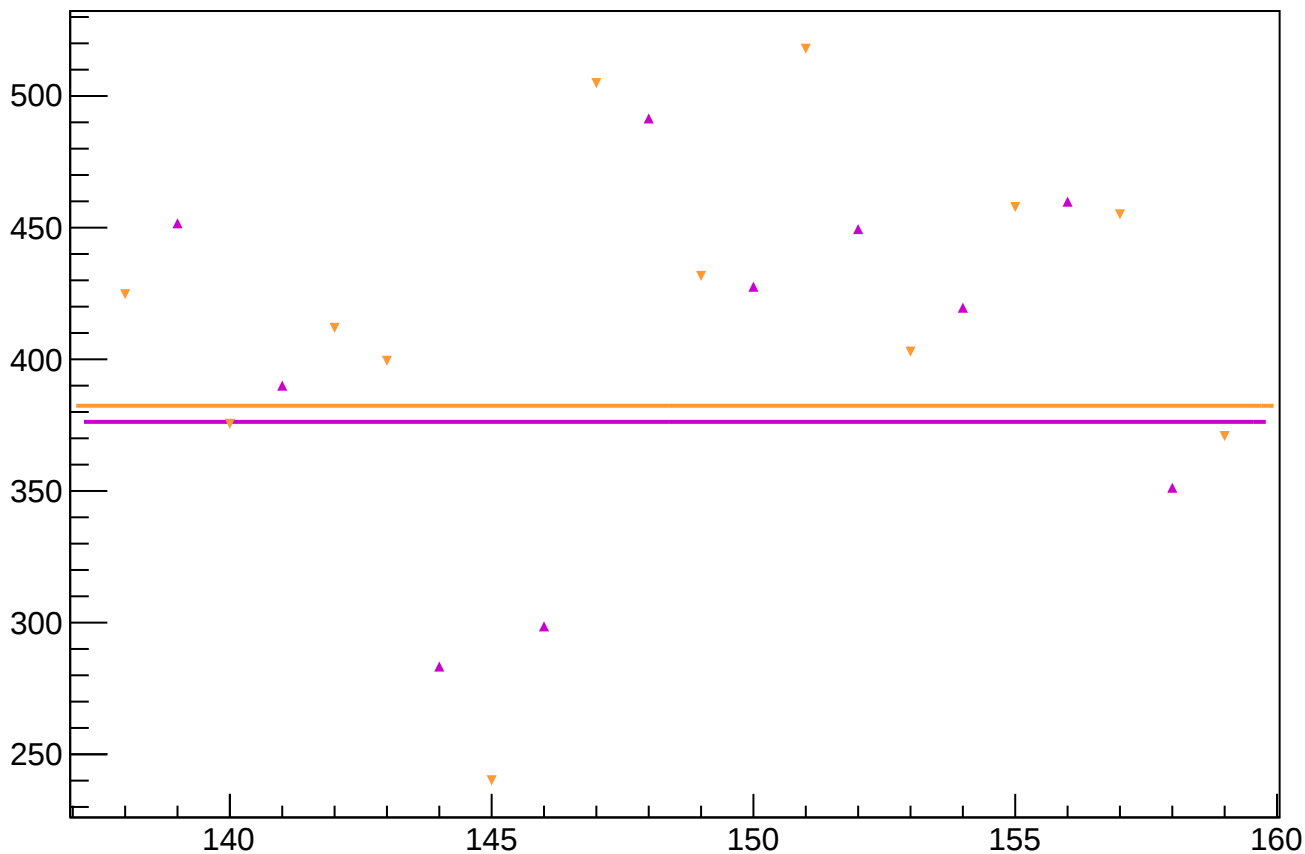
Left In: -194.263+/-134.627 χ^2/NDF : 15.7/9

-213.963+/-131.280 χ^2/NDF : 18.4/11

-204.361+/-93.990 χ^2/NDF : 34.2/21

-194.263+/-134.627 χ^2/NDF : 15.7/9

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 382.366+/-0.093 χ^2/NDF : 858208.6/11

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

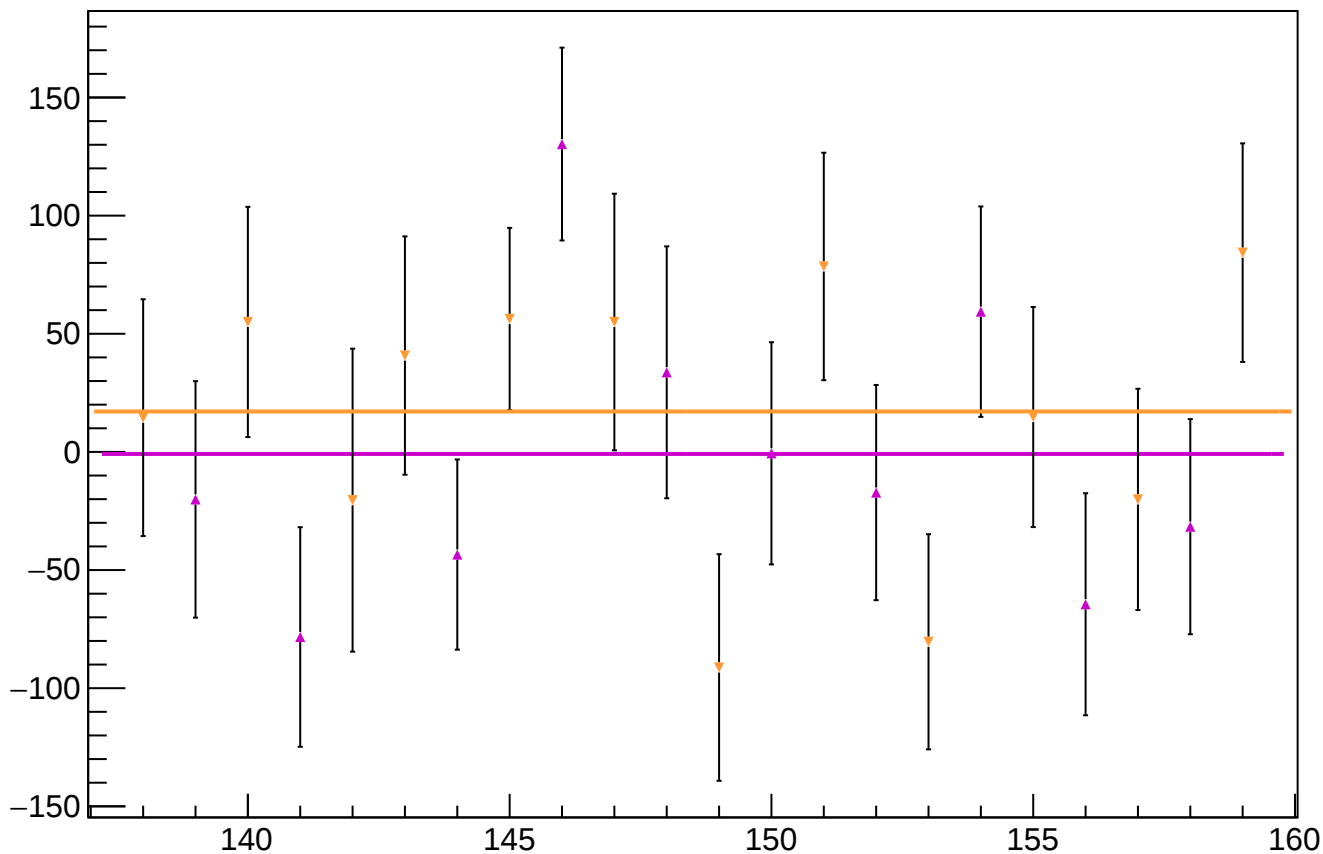
Left In: 376.248+/-0.095 χ^2/NDF : 556983.5/9

382.366+/-0.093 χ^2/NDF : 858208.6/11

379.384+/-0.066 χ^2/NDF : 1417309.1/21

376.248+/-0.095 χ^2/NDF : 556983.5/9

reg_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 17.116+/-13.865 χ^2/NDF : 16.7/11

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

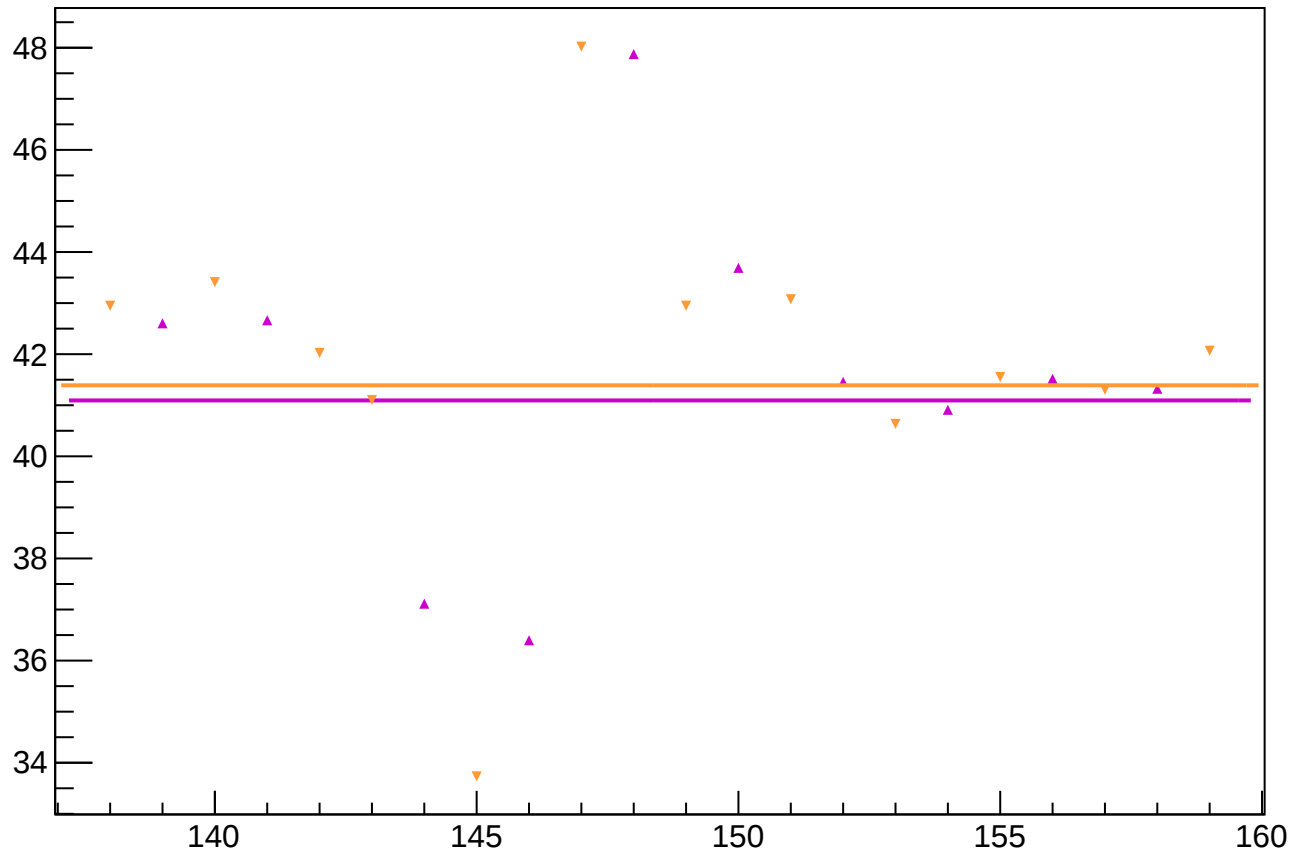
Left In: -0.851+/-14.424 χ^2/NDF : 19.0/9

17.116+/-13.865 χ^2/NDF : 16.7/11

8.487+/-9.996 χ^2/NDF : 36.6/21

-0.851+/-14.424 χ^2/NDF : 19.0/9

reg_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 41.390 $\pm$ 0.010 χ^2/NDF :120009.1/11

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

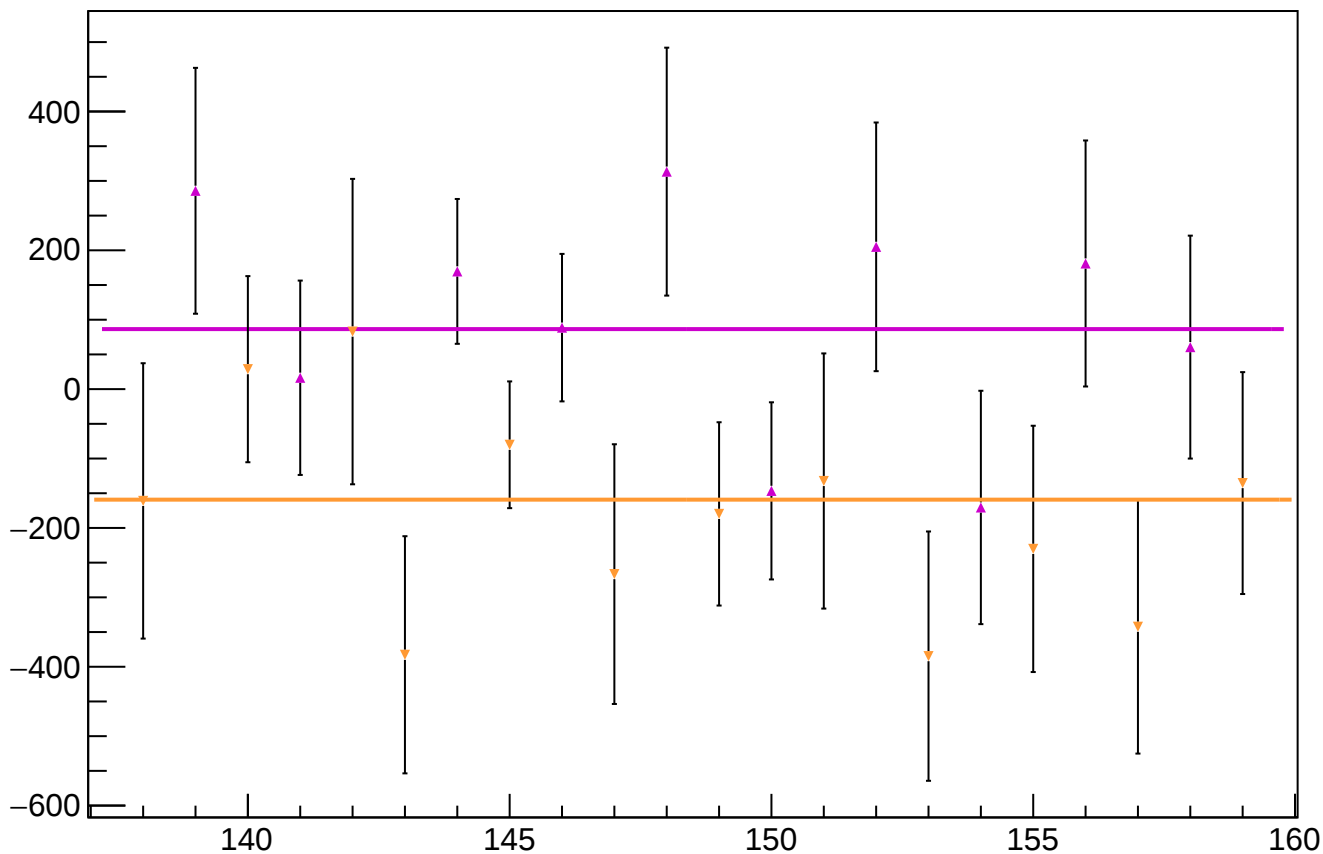
Left In: 41.094 $\pm$ 0.010 χ^2/NDF :89002.8/9

41.390 $\pm$ 0.010 χ^2/NDF : 120009.1/11

41.248 $\pm$ 0.007 χ^2/NDF : 209449.2/21

41.094 $\pm$ 0.010 χ^2/NDF : 89002.8/9

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -159.240 $\pm$ 44.576 χ^2 /NDF: 8.8/11

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

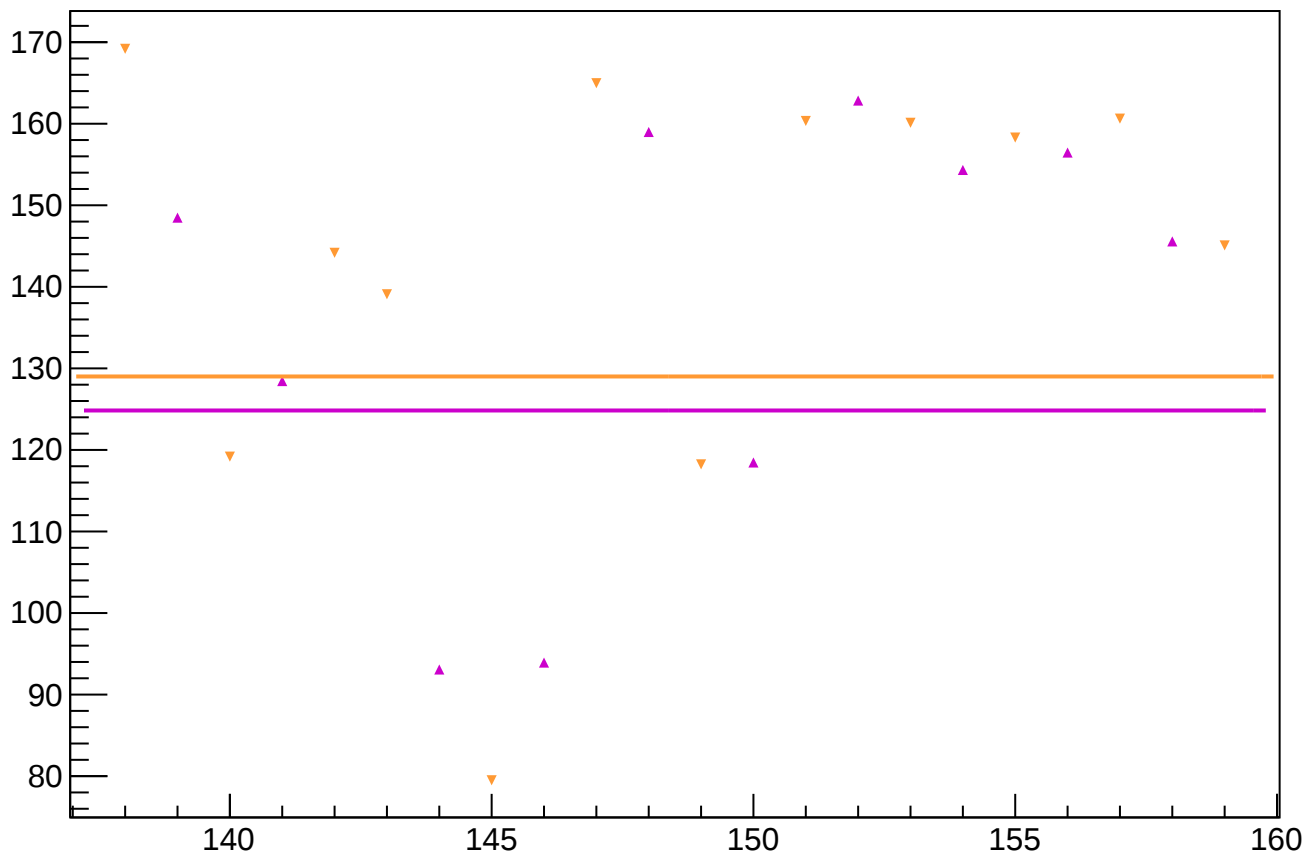
Left In: 86.488 $\pm$ 45.027 χ^2 /NDF: 10.2/9

-159.240 $\pm$ 44.576 χ^2 /NDF: 8.8/11

-37.615 $\pm$ 31.678 χ^2 /NDF: 34.0/21

86.488 $\pm$ 45.027 χ^2 /NDF: 10.2/9

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 129.007+/-0.032 χ^2/NDF : 1037424.6/11

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

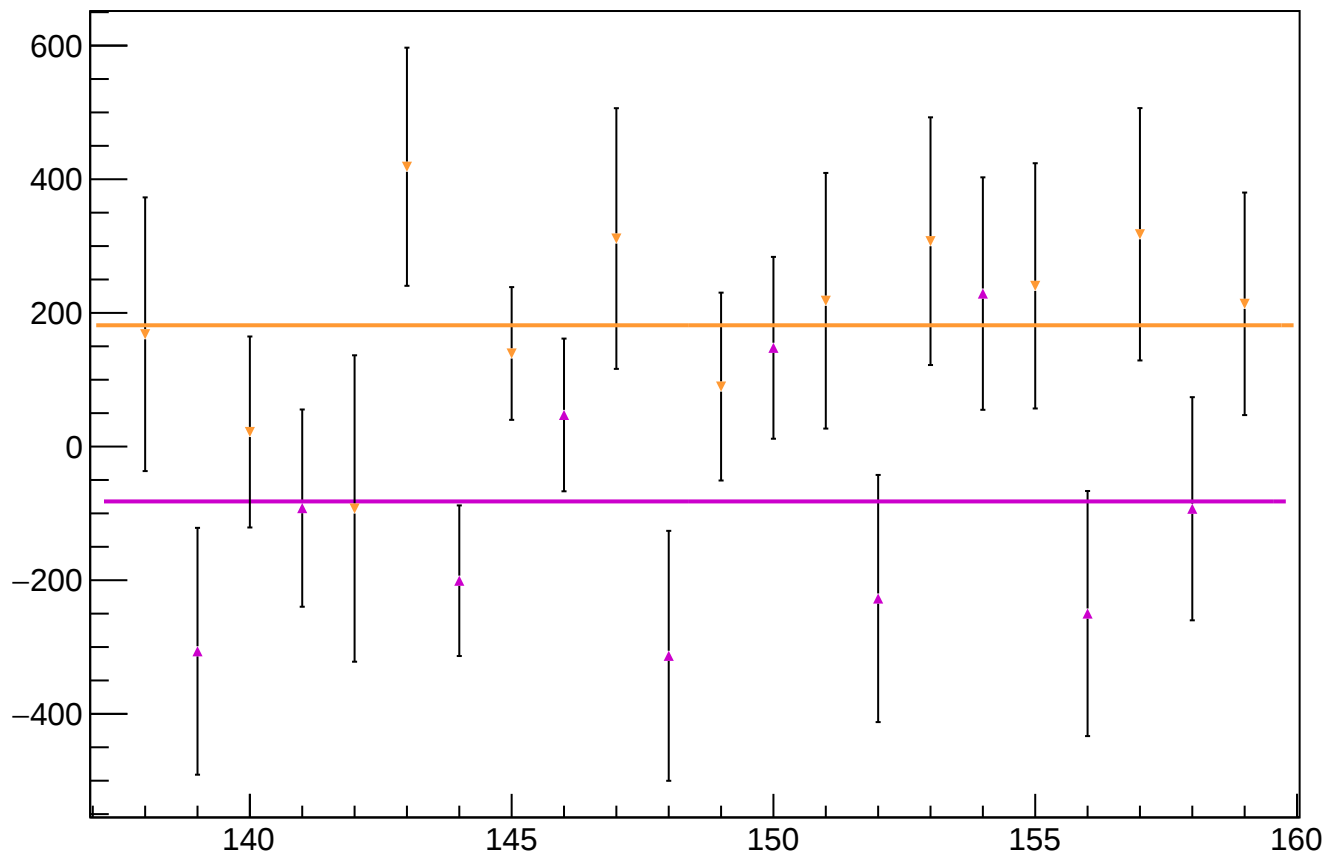
Left In: 124.837+/-0.032 χ^2/NDF : 718295.8/9

129.007+/-0.032 χ^2/NDF : 1037424.6/11

126.943+/-0.022 χ^2/NDF : 1764383.6/21

124.837+/-0.032 χ^2/NDF : 718295.8/9

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 181.498+/-47.043 χ^2/NDF : 6.7/11

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

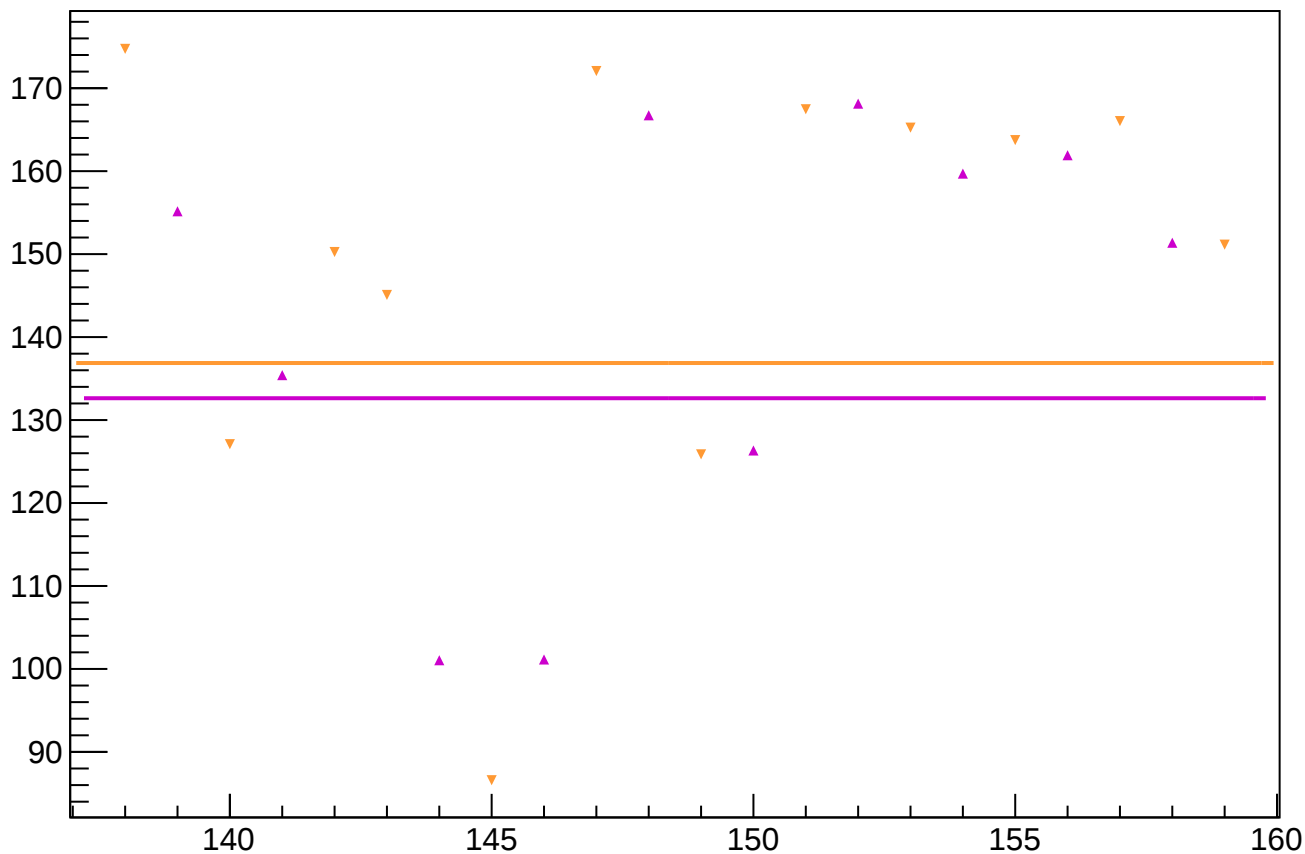
Left In: -82.107+/-47.613 χ^2/NDF : 12.9/9

181.498+/-47.043 χ^2/NDF : 6.7/11

51.283+/-33.464 χ^2/NDF : 35.1/21

-82.107+/-47.613 χ^2/NDF : 12.9/9

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 136.874+/-0.033 χ^2/NDF : 882081.0/11

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

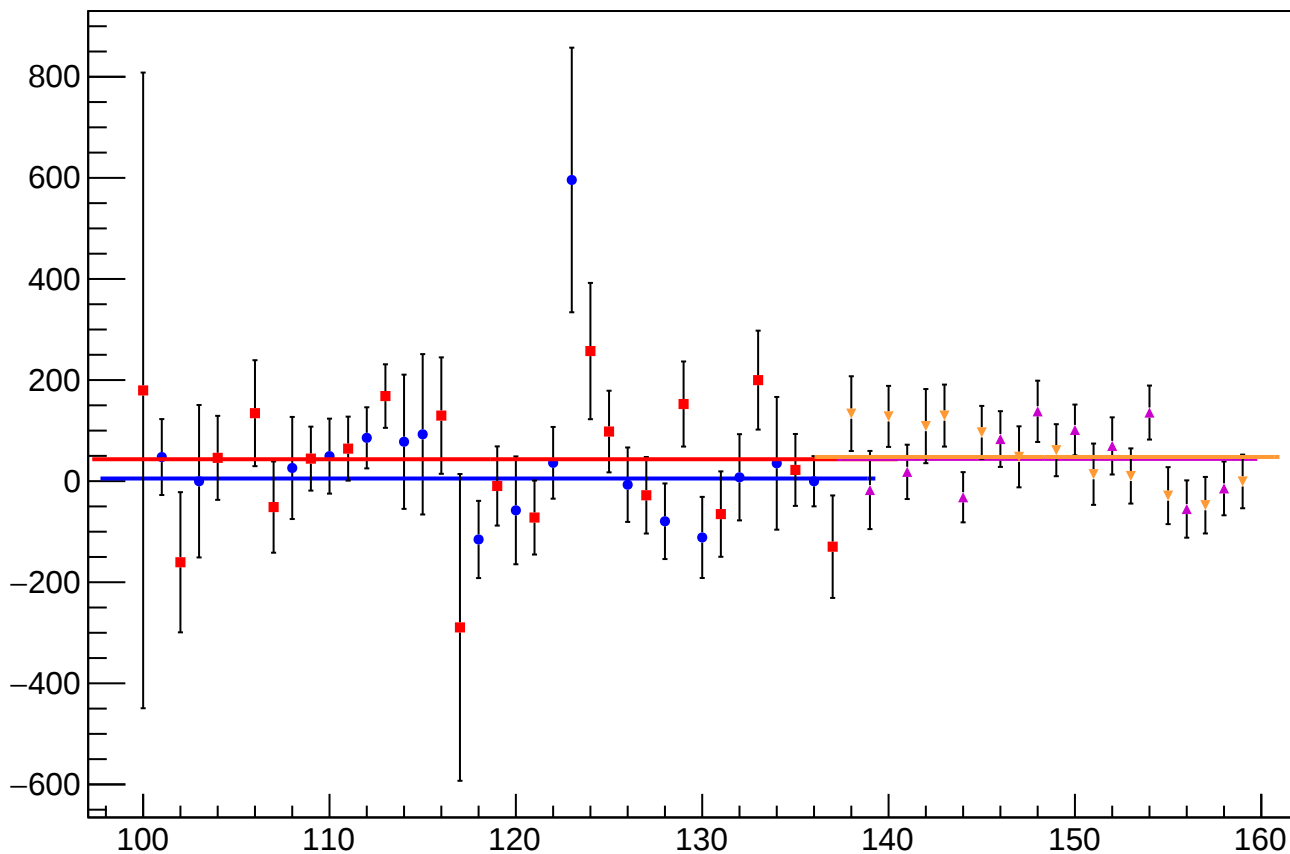
Left In: 132.630+/-0.034 χ^2/NDF : 608731.7/9

136.874+/-0.033 χ^2/NDF : 882081.0/11

134.778+/-0.024 χ^2/NDF : 1498853.5/21

132.630+/-0.034 χ^2/NDF : 608731.7/9

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 5.220+/-20.150 χ^2/NDF : 14.7/16

Left Out: 47.822+/-16.849 χ^2/NDF : 12.9/11

Right Out: 43.354+/-19.371 χ^2/NDF : 25.6/19

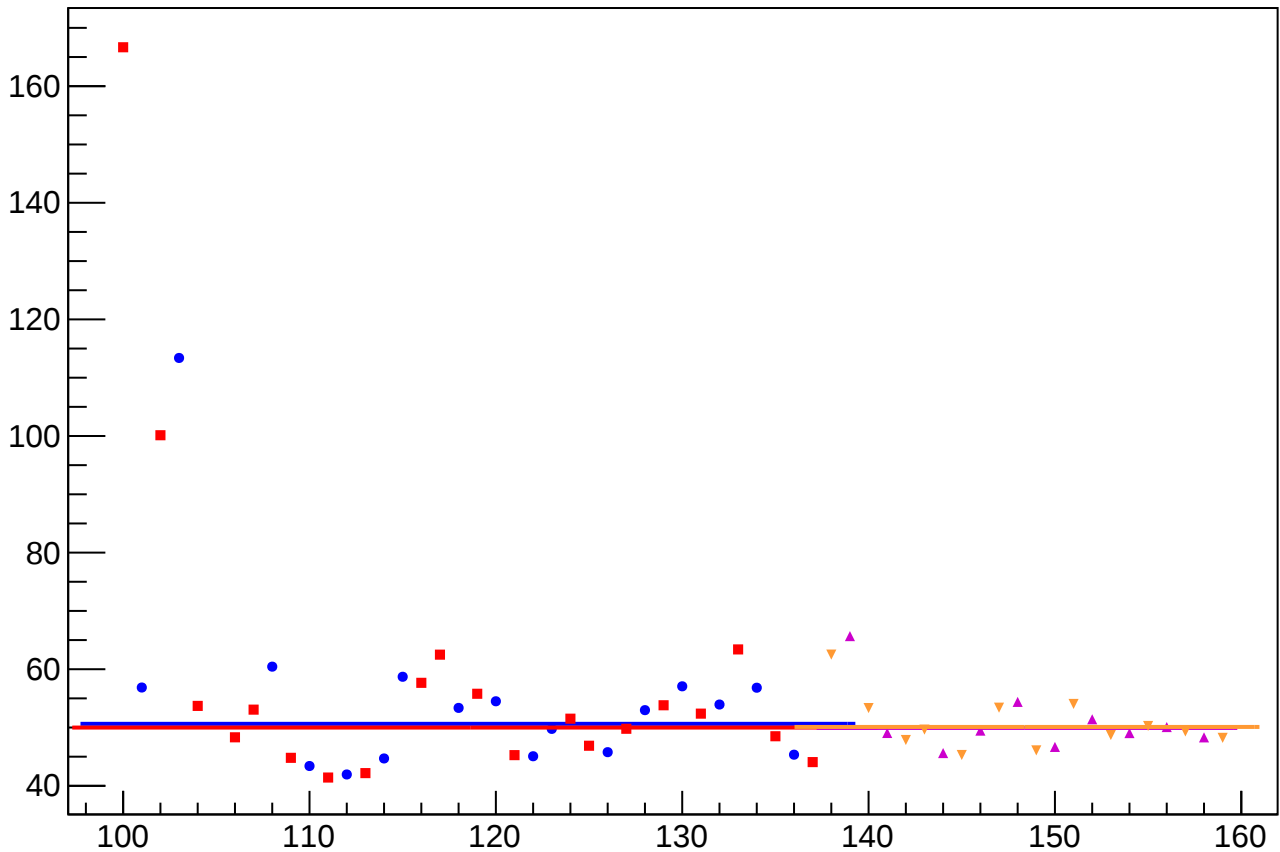
Left In: 44.021+/-17.559 χ^2/NDF : 14.8/9

30.292+/-12.926 χ^2/NDF : 30.2/28

36.963+/-9.169 χ^2/NDF : 71.2/58

43.720+/-13.010 χ^2/NDF : 40.4/29

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 50.635 ± 0.014 $\chi^2/\text{NDF}: 519687.1/16$

Left Out: 50.101 ± 0.012 $\chi^2/\text{NDF}: 111699.8/11$

Right Out: 49.994 ± 0.014 $\chi^2/\text{NDF}: 503898.1/19$

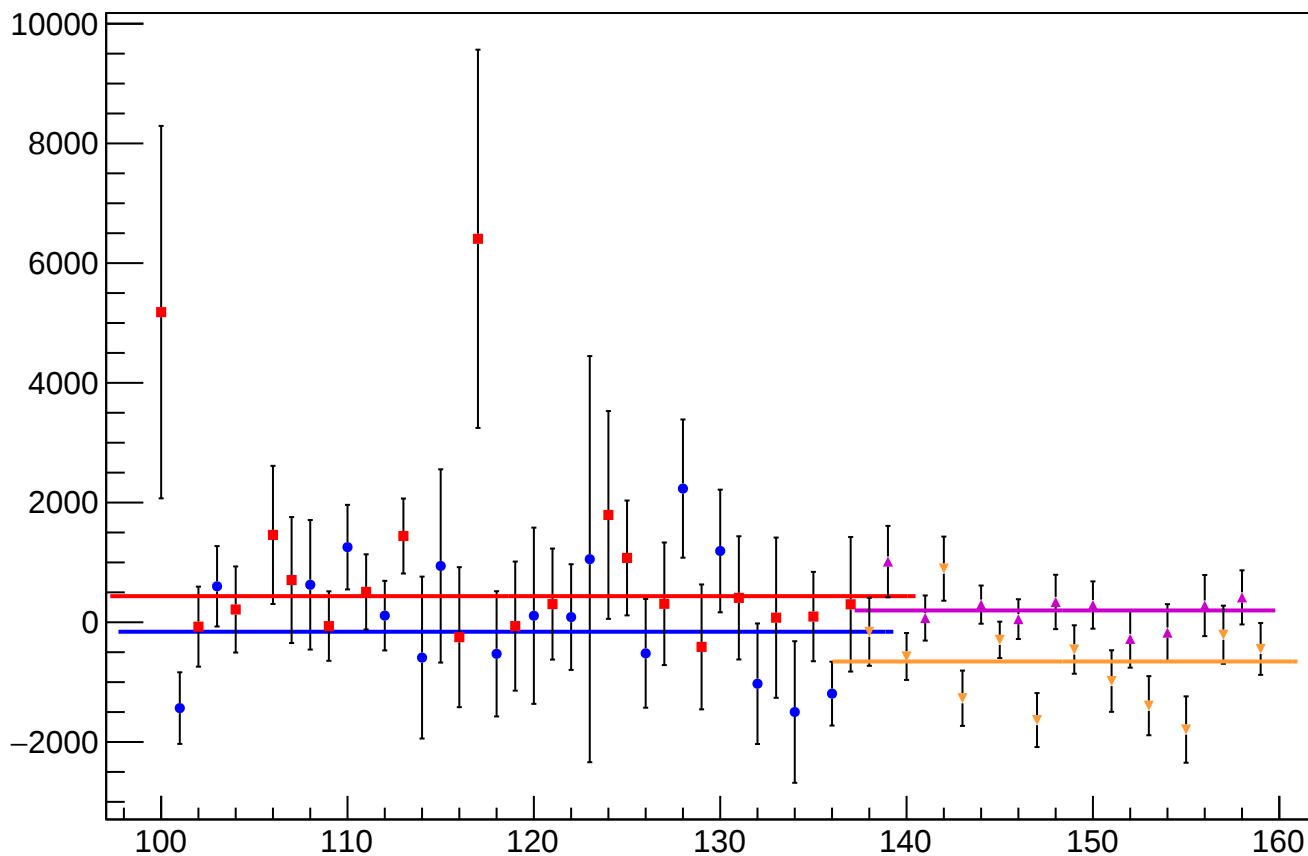
Left In: 49.928 ± 0.012 $\chi^2/\text{NDF}: 121747.1/9$

50.321 ± 0.009 $\chi^2/\text{NDF}: 632211.4/28$

50.141 ± 0.006 $\chi^2/\text{NDF}: 1258653.5/58$

49.958 ± 0.009 $\chi^2/\text{NDF}: 625657.9/29$

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -158.001 $\pm$ 210.181 χ^2 /NDF: 23.5/16

Left Out: -655.278 $\pm$ 128.713 χ^2 /NDF: 25.3/11

Right Out: 436.410 $\pm$ 203.212 χ^2 /NDF: 13.4/19

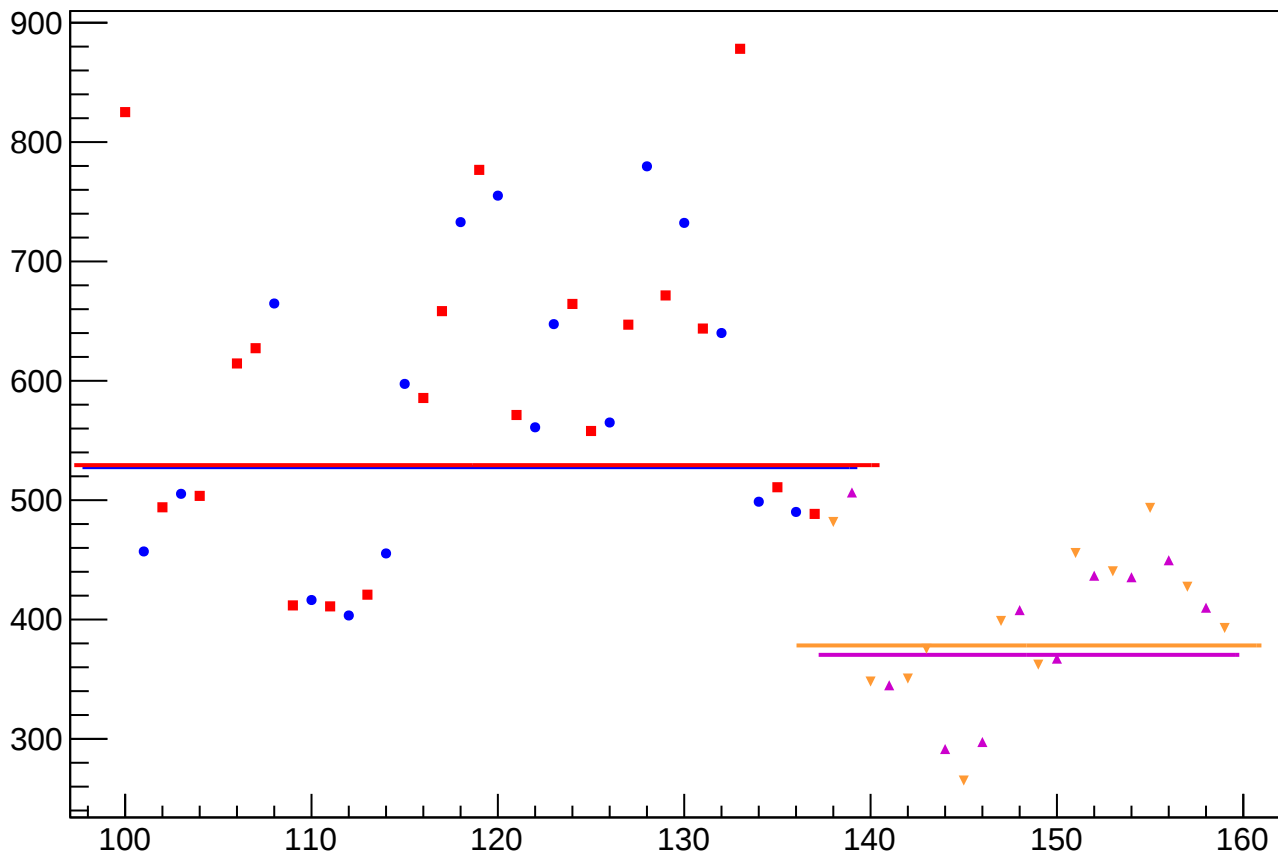
Left In: 197.696 $\pm$ 131.892 χ^2 /NDF: 4.3/9

-519.651 $\pm$ 109.766 χ^2 /NDF: 52.8/28

-128.700 $\pm$ 77.921 χ^2 /NDF: 97.0/58

268.449 $\pm$ 110.632 χ^2 /NDF: 18.6/29

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 527.663+/-0.149 χ^2/NDF : 557423.6/16

Left Out: 378.288+/-0.091 χ^2/NDF : 554594.6/11

Right Out: 529.342+/-0.144 χ^2/NDF : 626714.3/19

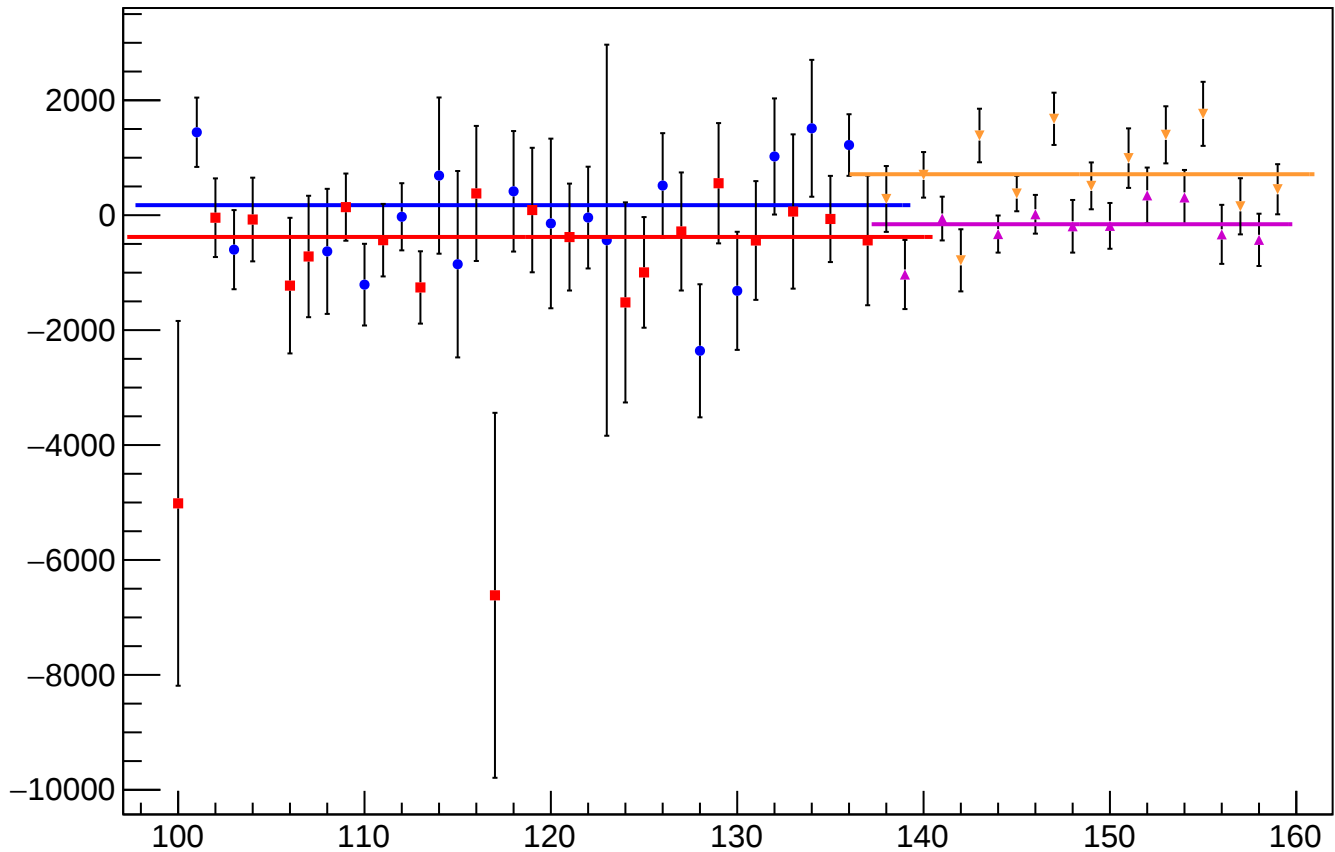
Left In: 370.415+/-0.093 χ^2/NDF : 485000.9/9

419.028+/-0.078 χ^2/NDF : 1846684.8/28

418.280+/-0.055 χ^2/NDF : 3819301.6/58

417.520+/-0.078 χ^2/NDF : 1972429.4/29

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 174.605 ± 211.662 χ^2/NDF : 23.7/16

Left Out: 713.006 ± 129.945 χ^2/NDF : 23.7/11

Right Out: -378.609 ± 204.777 χ^2/NDF : 12.3/19

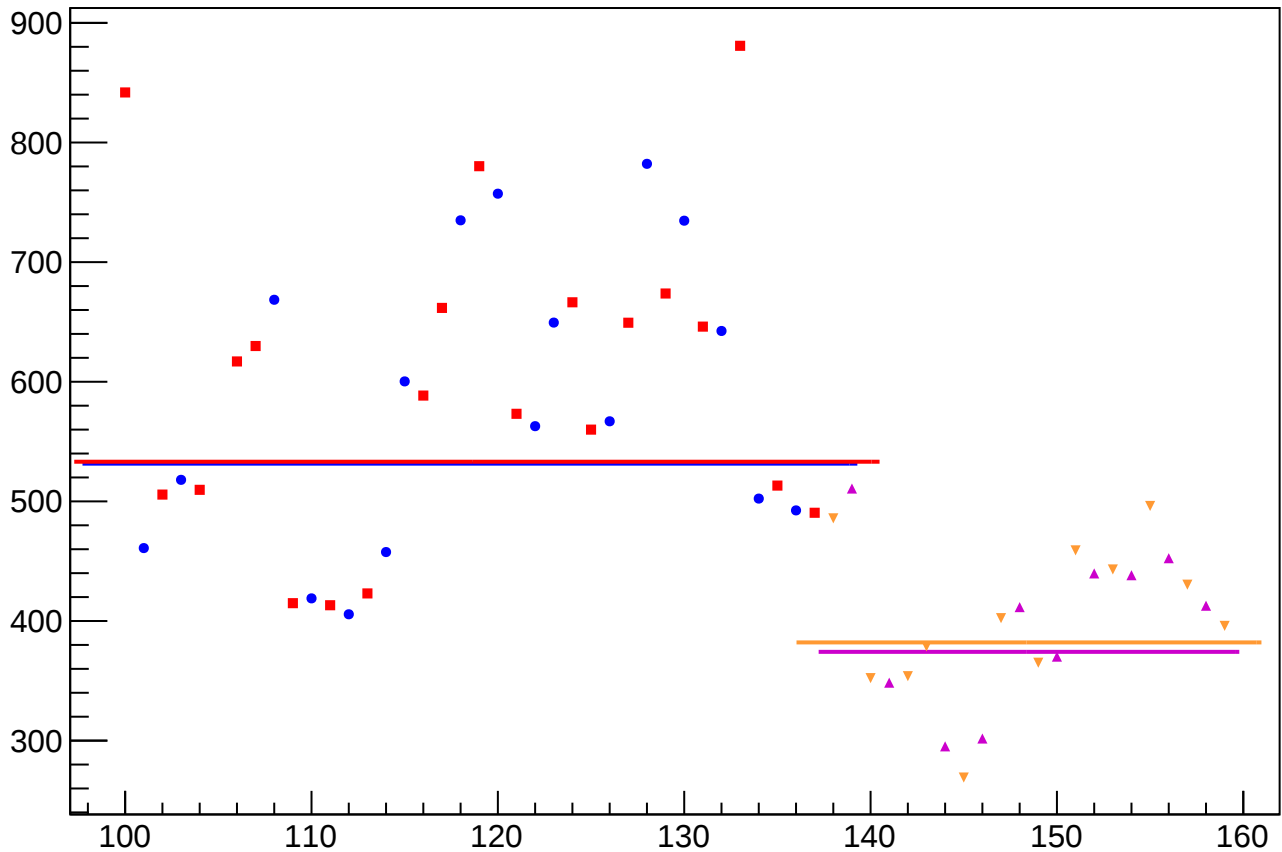
Left In: -157.252 ± 133.180 χ^2/NDF : 5.2/9

565.627 ± 110.741 χ^2/NDF : 52.1/28

174.494 ± 78.623 χ^2/NDF : 95.6/58

-223.050 ± 111.645 χ^2/NDF : 18.4/29

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 531.554+/-0.150 χ^2/NDF : 550087.6/16

Left Out: 382.100+/-0.092 χ^2/NDF : 537465.7/11

Right Out: 533.157+/-0.145 χ^2/NDF : 619038.4/19

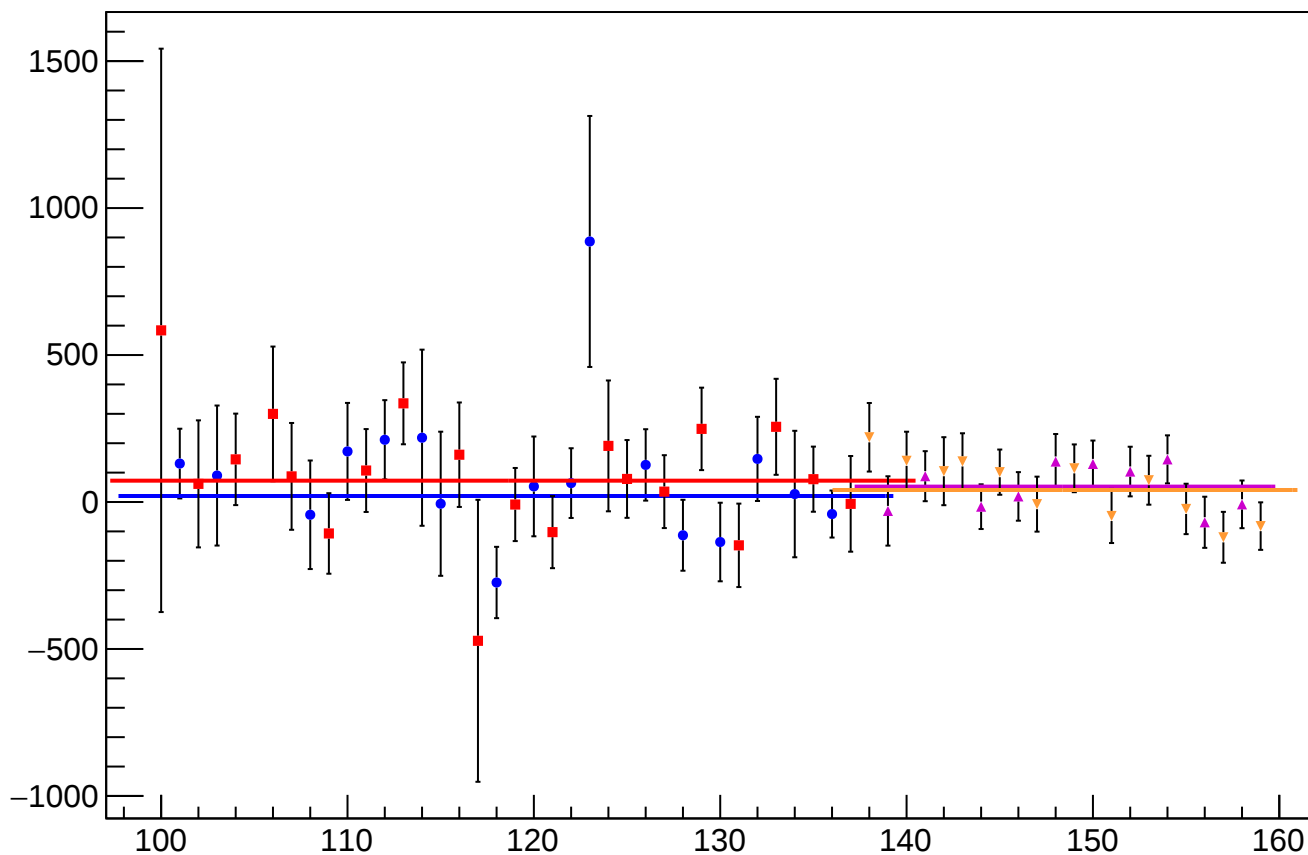
Left In: 374.217+/-0.094 χ^2/NDF : 471289.9/9

423.011+/-0.078 χ^2/NDF : 1811745.1/28

422.242+/-0.056 χ^2/NDF : 3748991.4/58

421.461+/-0.079 χ^2/NDF : 1937052.0/29

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 20.441 $\pm$ 34.583 χ^2 /NDF: 19.3/16

Left Out: 40.859 $\pm$ 26.000 χ^2 /NDF:13.8/11

Right Out: 72.603 $\pm$ 34.608 χ^2 /NDF: 16.7/19

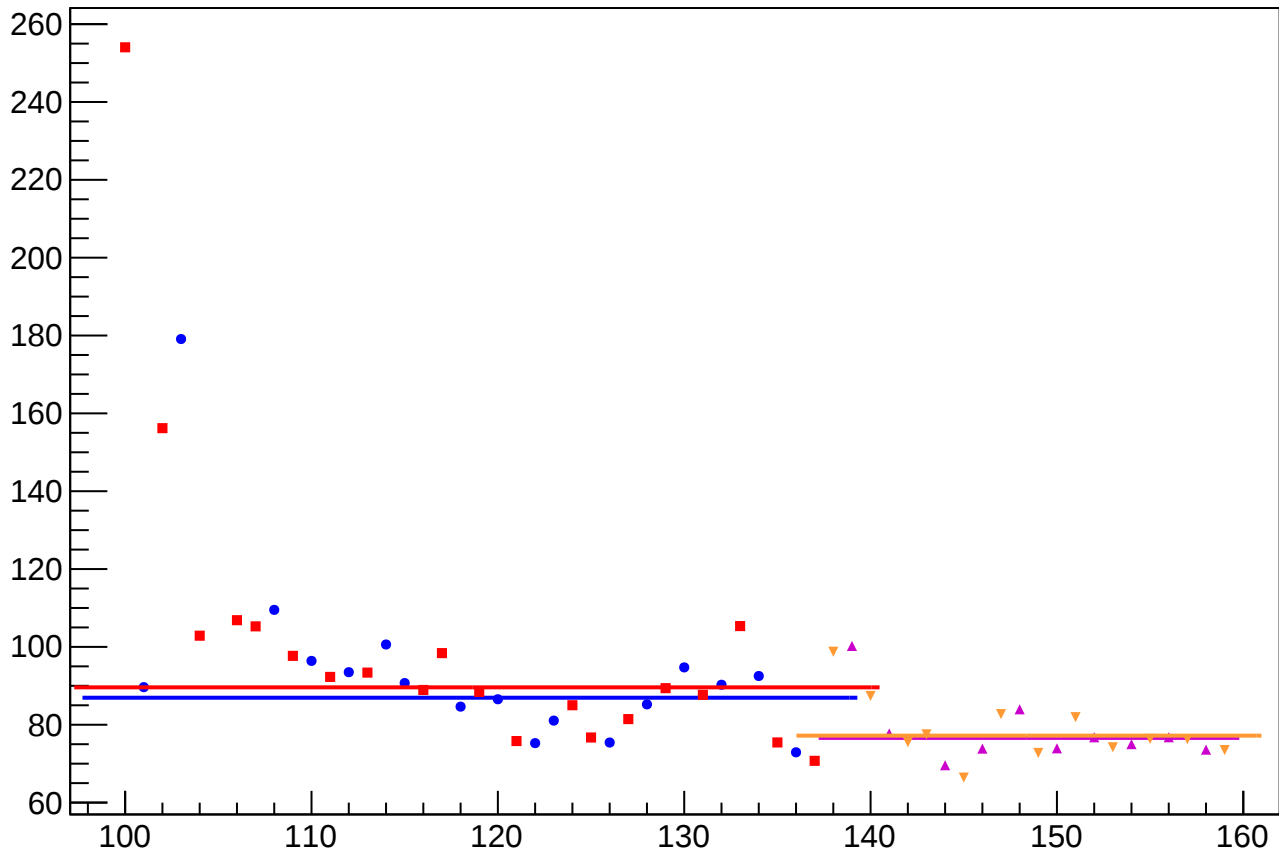
Left In: 52.375 $\pm$ 26.965 χ^2 /NDF:7.6/9

33.486 $\pm$ 20.782 χ^2 /NDF: 33.3/28

46.443 $\pm$ 14.865 χ^2 /NDF: 58.6/58

60.016 $\pm$ 21.271 χ^2 /NDF: 24.5/29

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 86.943 ± 0.024 $\chi^2/\text{NDF}: 455809.4/16$

Left Out: 77.202 ± 0.018 $\chi^2/\text{NDF}: 154756.9/11$

Right Out: 89.607 ± 0.024 $\chi^2/\text{NDF}: 431905.8/19$

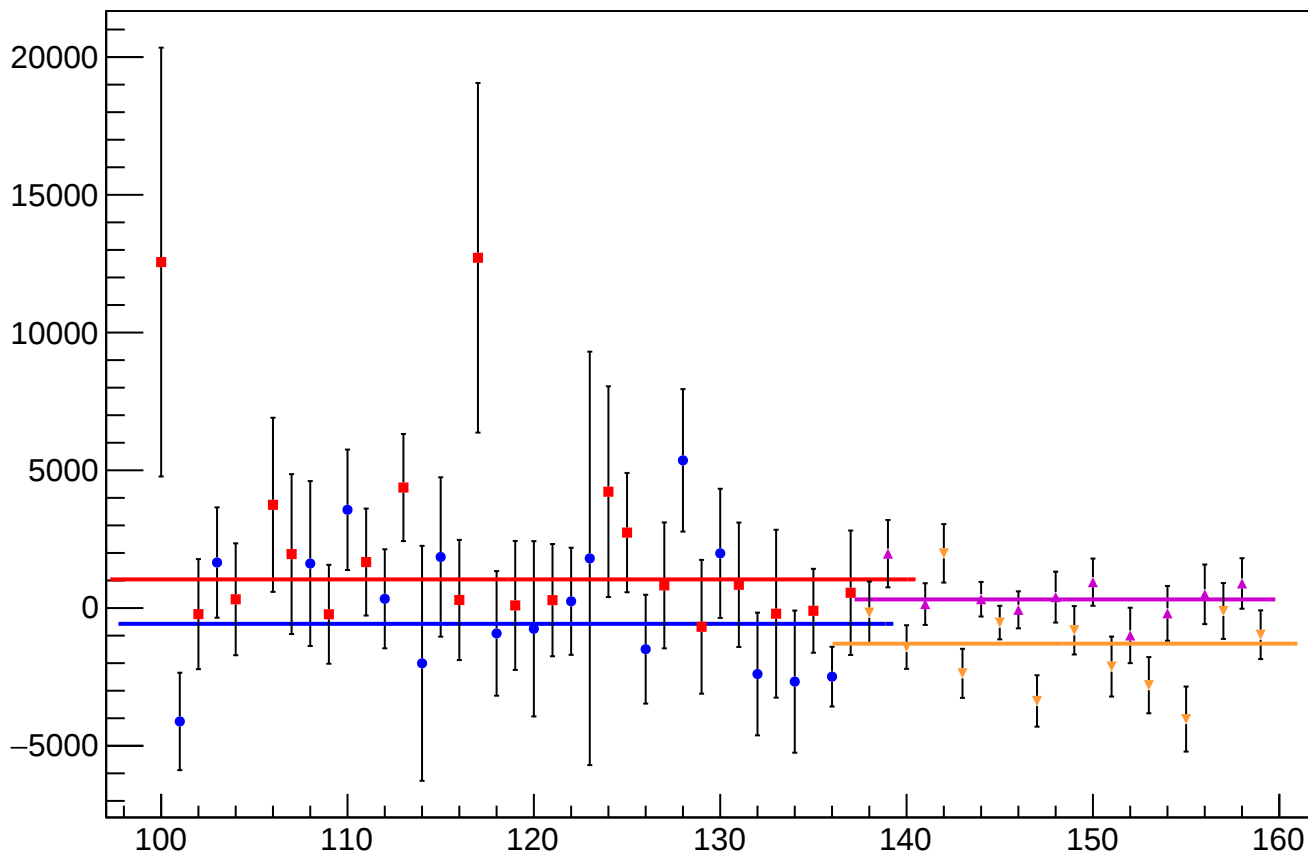
Left In: 76.618 ± 0.019 $\chi^2/\text{NDF}: 118014.1/9$

80.719 ± 0.015 $\chi^2/\text{NDF}: 711939.5/28$

81.112 ± 0.011 $\chi^2/\text{NDF}: 1438640.9/58$

81.524 ± 0.015 $\chi^2/\text{NDF}: 725235.7/29$

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -572.342 $\pm$ 517.020 χ^2 /NDF: 21.9/16

Left Out: -1292.538 $\pm$ 263.146 χ^2 /NDF:28.5/11

Right Out: 1040.618 $\pm$ 512.937 χ^2 /NDF: 13.5/19

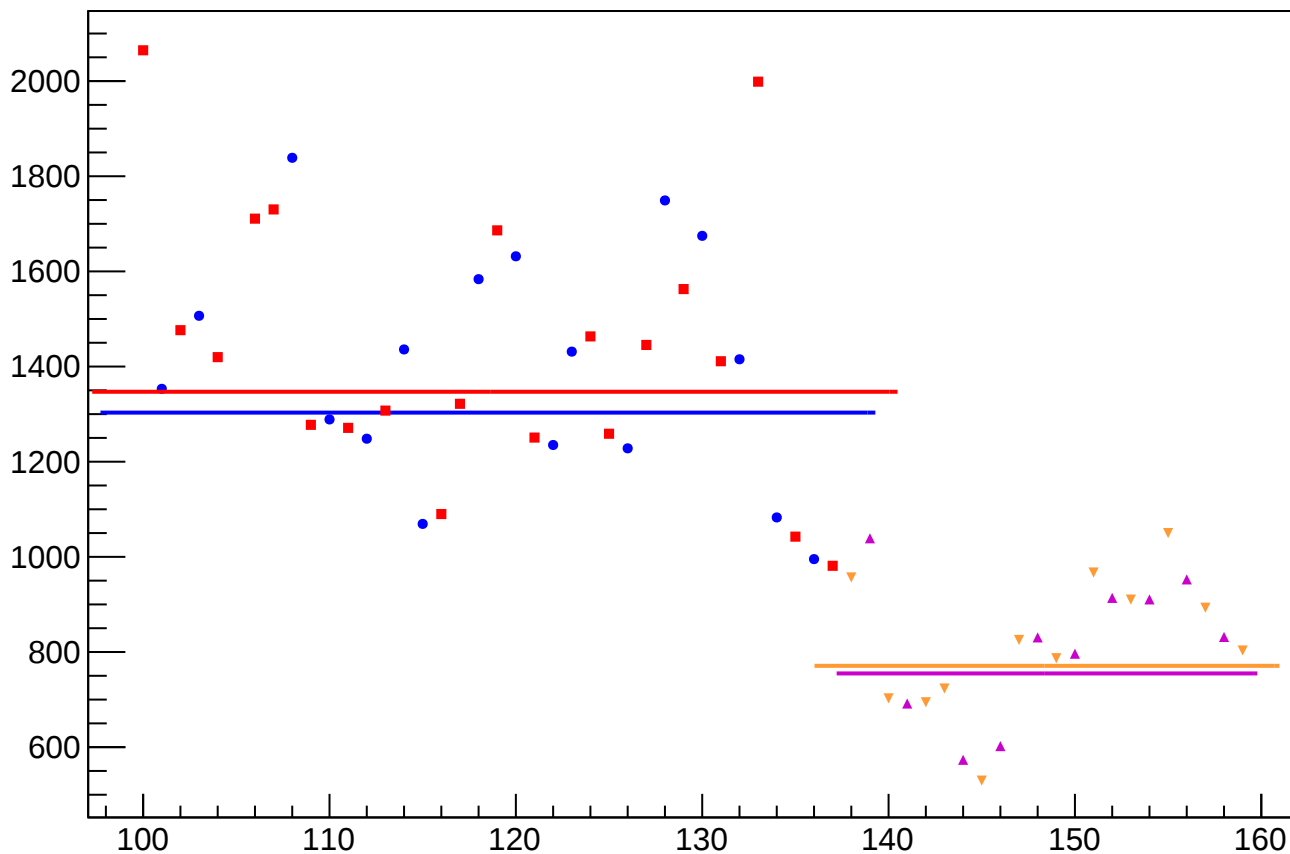
Left In: 312.670 $\pm$ 269.718 χ^2 /NDF:5.1/9

-1144.359 $\pm$ 234.517 χ^2 /NDF: 51.9/28

-351.365 $\pm$ 167.297 χ^2 /NDF: 95.4/58

470.349 $\pm$ 238.726 χ^2 /NDF: 20.2/29

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1303.201+/-0.366 χ^2/NDF : 451961.9/16

Left Out: 770.931+/-0.186 χ^2/NDF : 652474.7/11

Right Out: 1347.011+/-0.363 χ^2/NDF : 420806.0/19

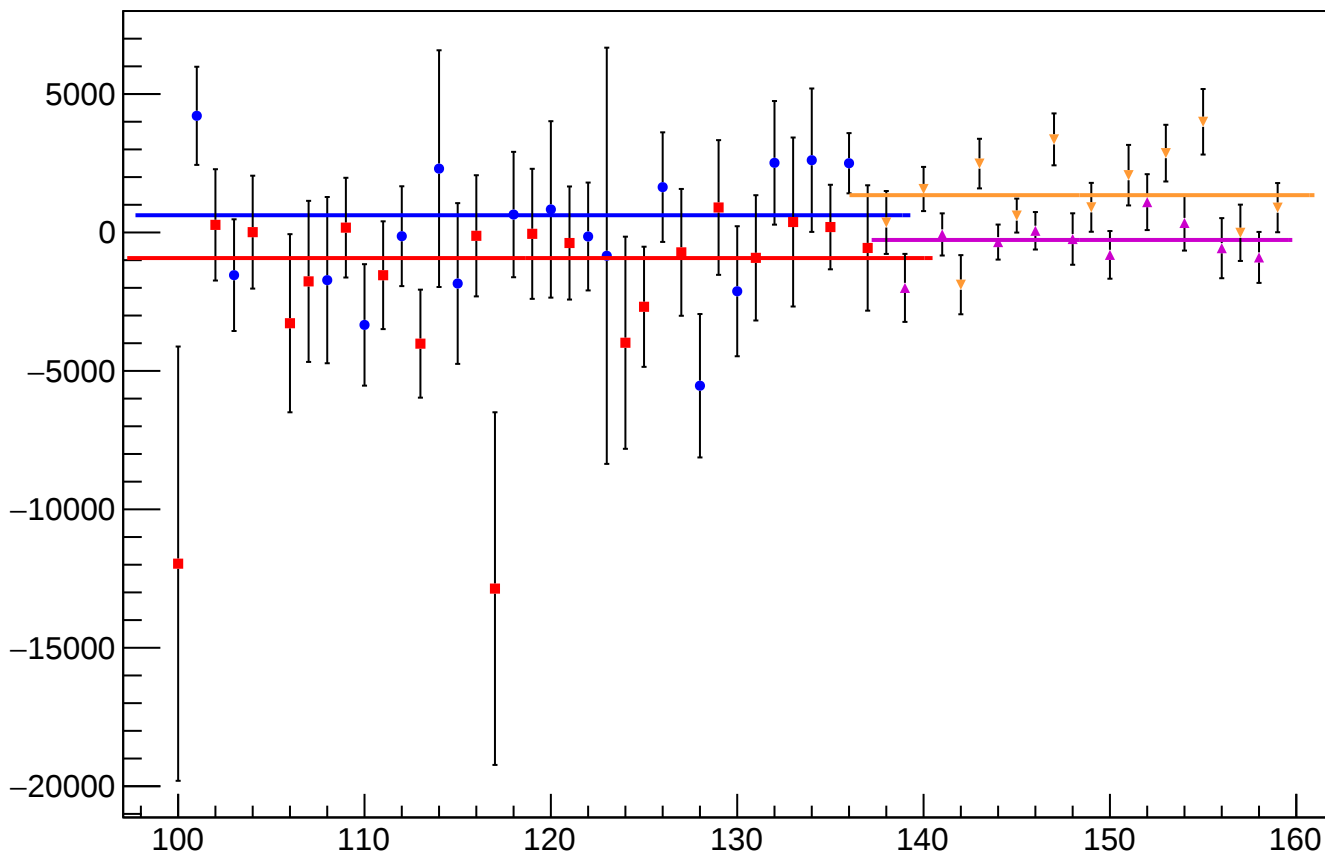
Left In: 754.969+/-0.191 χ^2/NDF : 590331.8/9

880.444+/-0.166 χ^2/NDF : 2788030.4/28

881.802+/-0.118 χ^2/NDF : 5886611.6/58

883.209+/-0.169 χ^2/NDF : 3098444.7/29

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 622.411 $\pm$ 518.496 χ^2/NDF : 22.0/16

Left Out: 1347.477 $\pm$ 264.618 χ^2/NDF : 27.6/11

Right Out: -924.488 $\pm$ 514.636 χ^2/NDF : 12.6/19

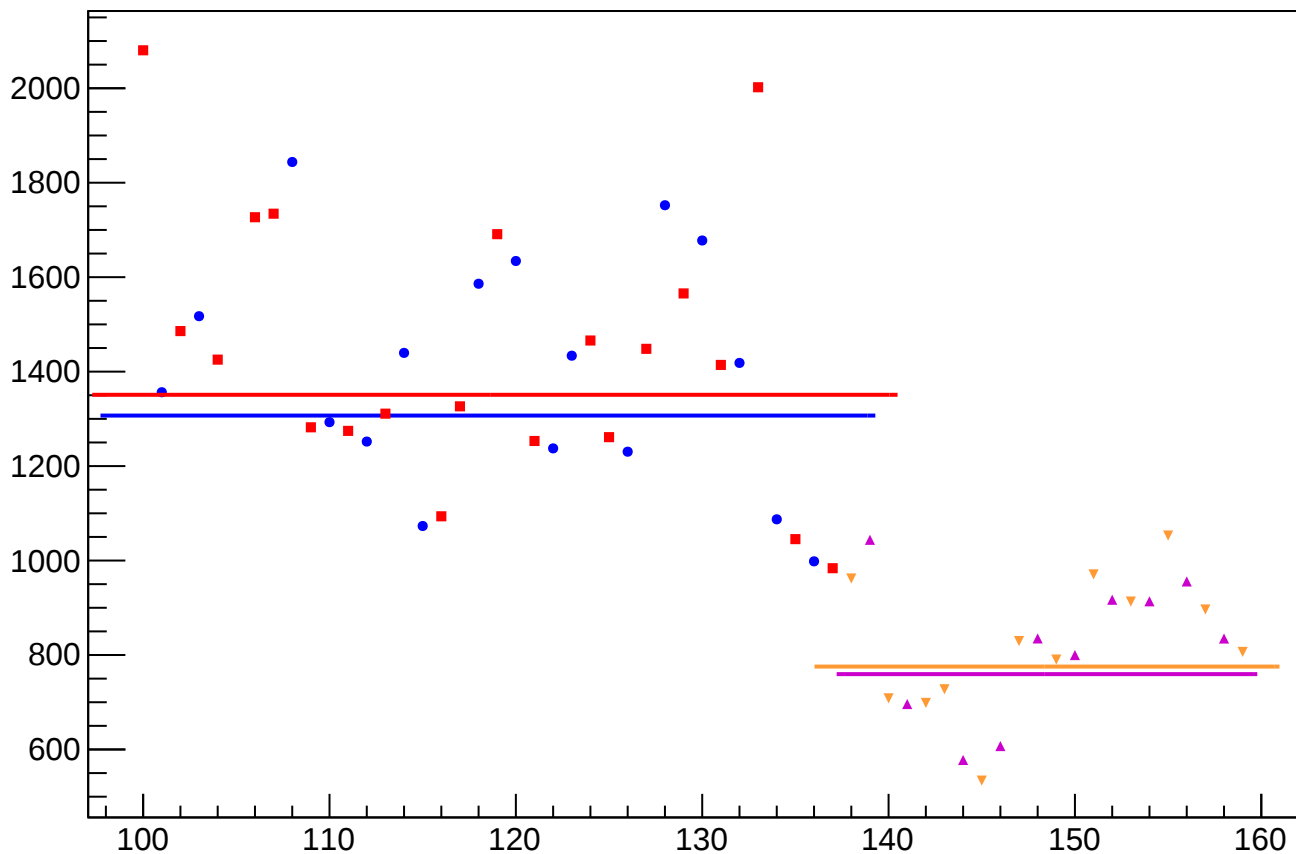
Left In: -270.181 $\pm$ 271.254 χ^2/NDF : 5.5/9

1197.648 $\pm$ 235.697 χ^2/NDF : 51.1/28

407.041 $\pm$ 168.151 χ^2/NDF : 93.4/58

-412.435 $\pm$ 239.962 χ^2/NDF : 19.3/29

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1306.980 +/- 0.367 χ^2/NDF : 451191.7/16

Left Out: 775.497 +/- 0.187 χ^2/NDF : 641555.3/11

Right Out: 1350.936 +/- 0.364 χ^2/NDF : 421834.2/19

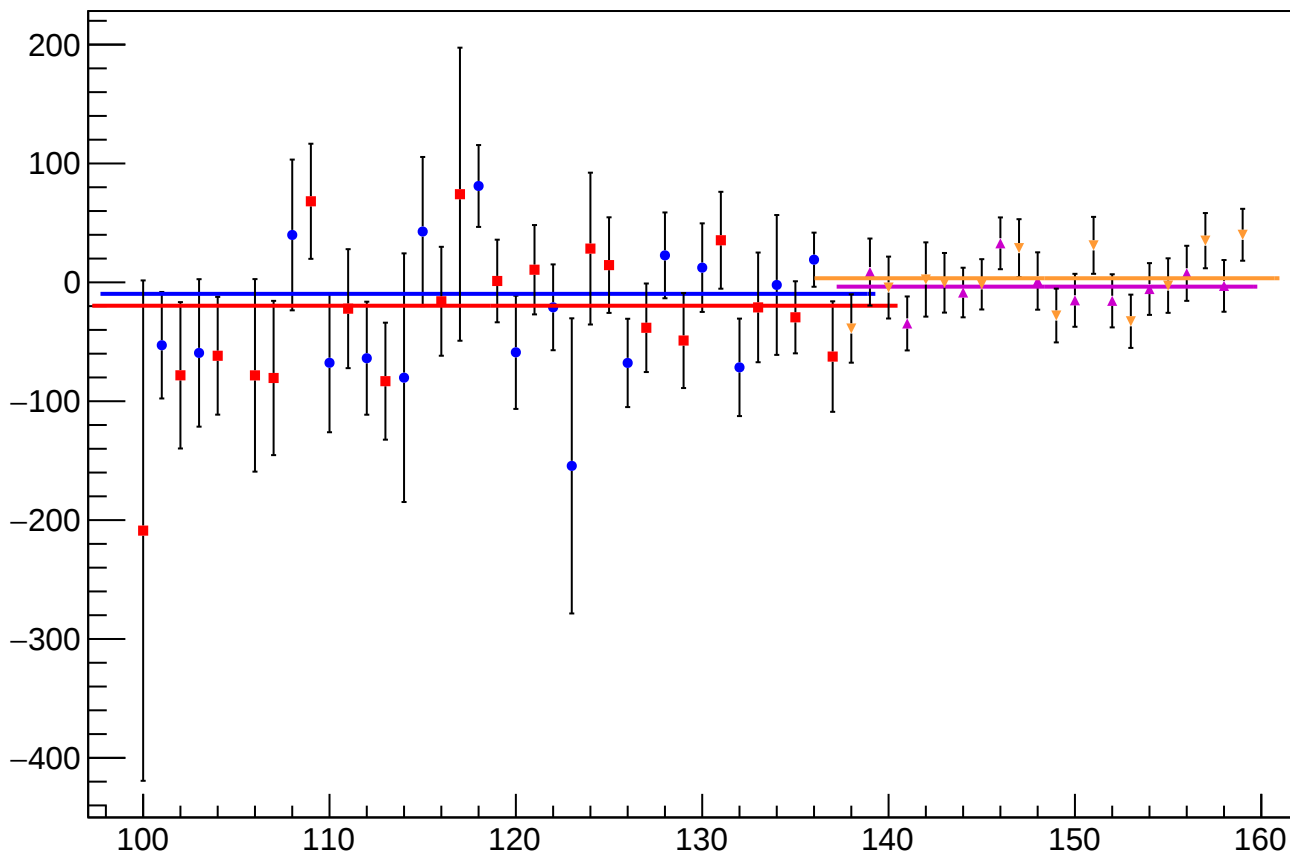
Left In: 759.527 +/- 0.192 χ^2/NDF : 580355.0/9

885.324 +/- 0.167 χ^2/NDF : 2759948.8/28

886.690 +/- 0.119 χ^2/NDF : 5829264.1/58

888.107 +/- 0.170 χ^2/NDF : 3069178.4/29

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -9.669 ± 10.408 χ^2/NDF : 22.6/16

Left Out: 3.454 ± 6.940 χ^2/NDF : 14.0/11

Right Out: -19.662 ± 10.406 χ^2/NDF : 15.2/19

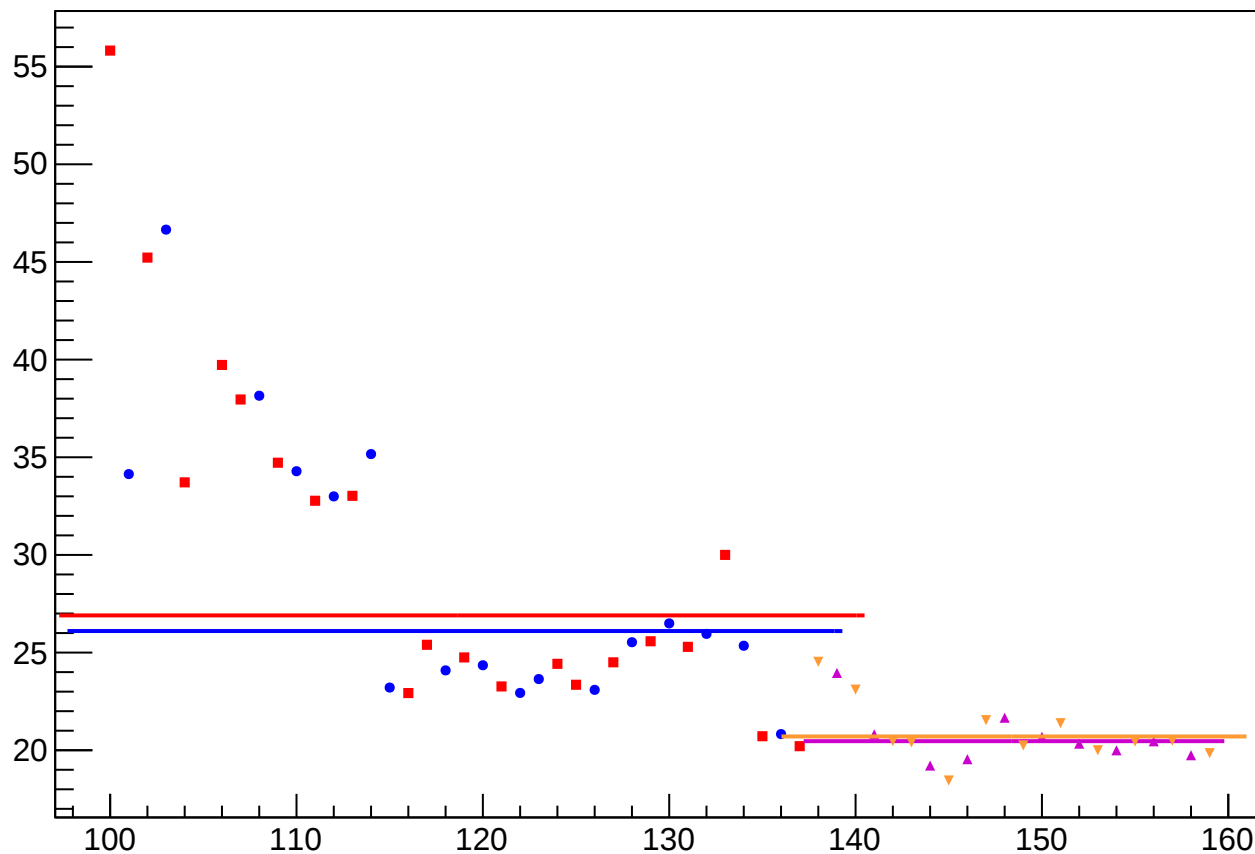
Left In: -3.613 ± 7.175 χ^2/NDF : 5.7/9

-0.585 ± 5.774 χ^2/NDF : 37.7/28

-4.591 ± 4.129 χ^2/NDF : 61.3/58

-8.784 ± 5.907 χ^2/NDF : 22.6/29

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 26.103 $\pm$ 0.007 χ^2 /NDF: 604038.5/16

Left Out: 20.705 $\pm$ 0.005 χ^2 /NDF: 85652.8/11

Right Out: 26.903 $\pm$ 0.007 χ^2 /NDF: 679269.9/19

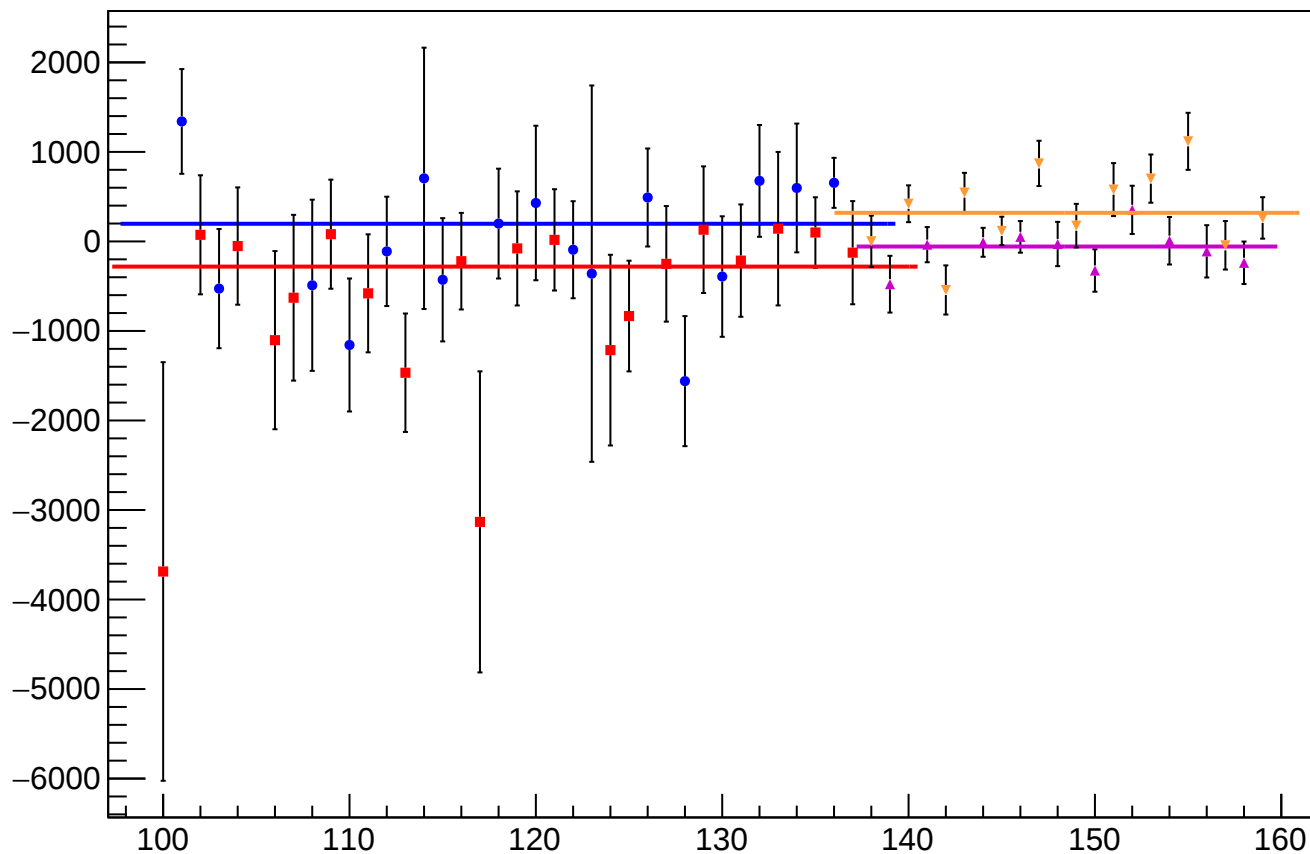
Left In: 20.465 $\pm$ 0.005 χ^2 /NDF: 50294.2/9

22.367 $\pm$ 0.004 χ^2 /NDF: 1061993.4/28

22.451 $\pm$ 0.003 χ^2 /NDF: 2311337.5/58

22.539 $\pm$ 0.004 χ^2 /NDF: 1248472.2/29

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 197.327 ± 147.883 χ^2/NDF : 21.0/16

Left Out: 319.609 ± 69.177 χ^2/NDF : 30.0/11

Right Out: -281.185 ± 149.275 χ^2/NDF : 13.6/19

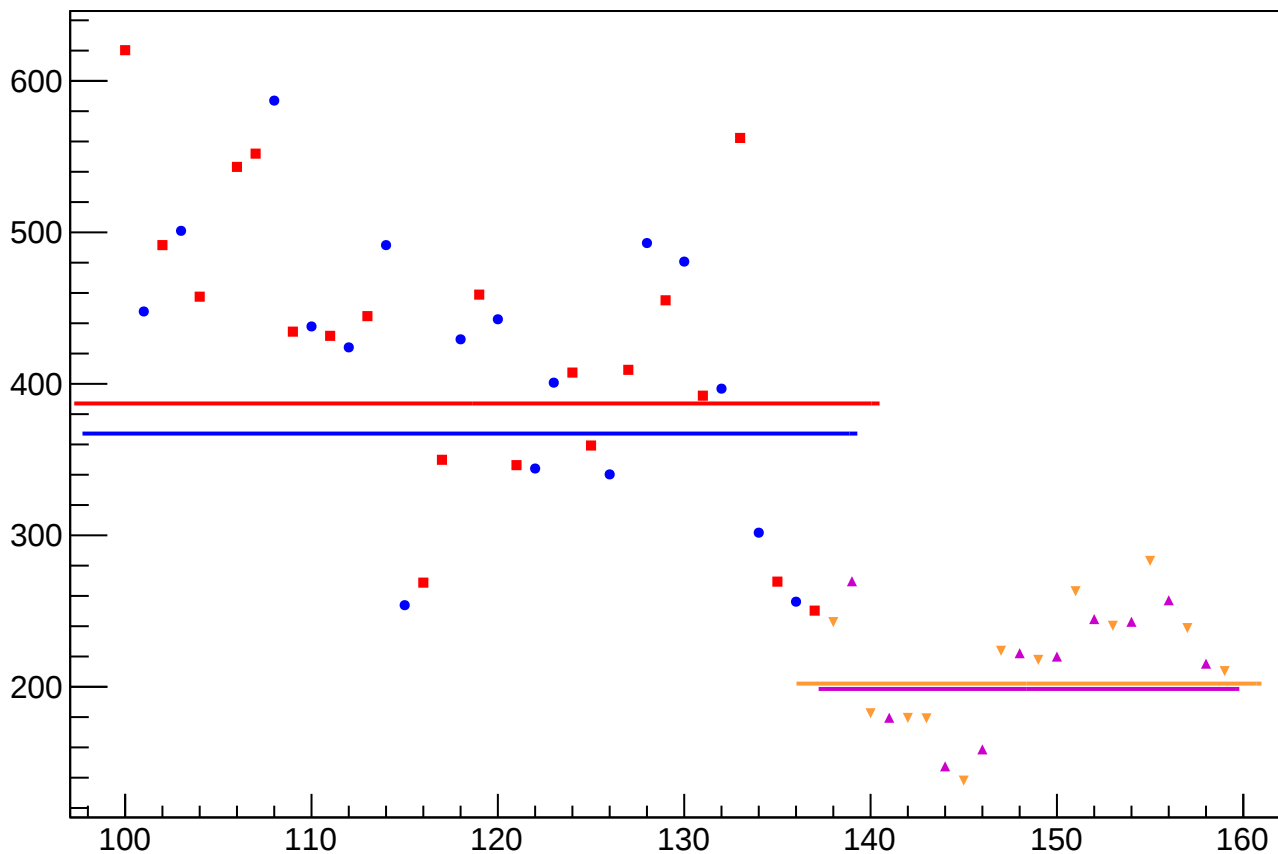
Left In: -56.922 ± 71.111 χ^2/NDF : 6.5/9

297.655 ± 62.660 χ^2/NDF : 51.5/28

104.428 ± 44.842 χ^2/NDF : 92.9/58

-98.402 ± 64.199 χ^2/NDF : 21.9/29

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 367.180 $\pm$ 0.105 χ^2 /NDF: 827148.2/16

Left Out: 202.113 $\pm$ 0.049 χ^2 /NDF: 734772.1/11

Right Out: 387.048 $\pm$ 0.106 χ^2 /NDF: 775547.5/19

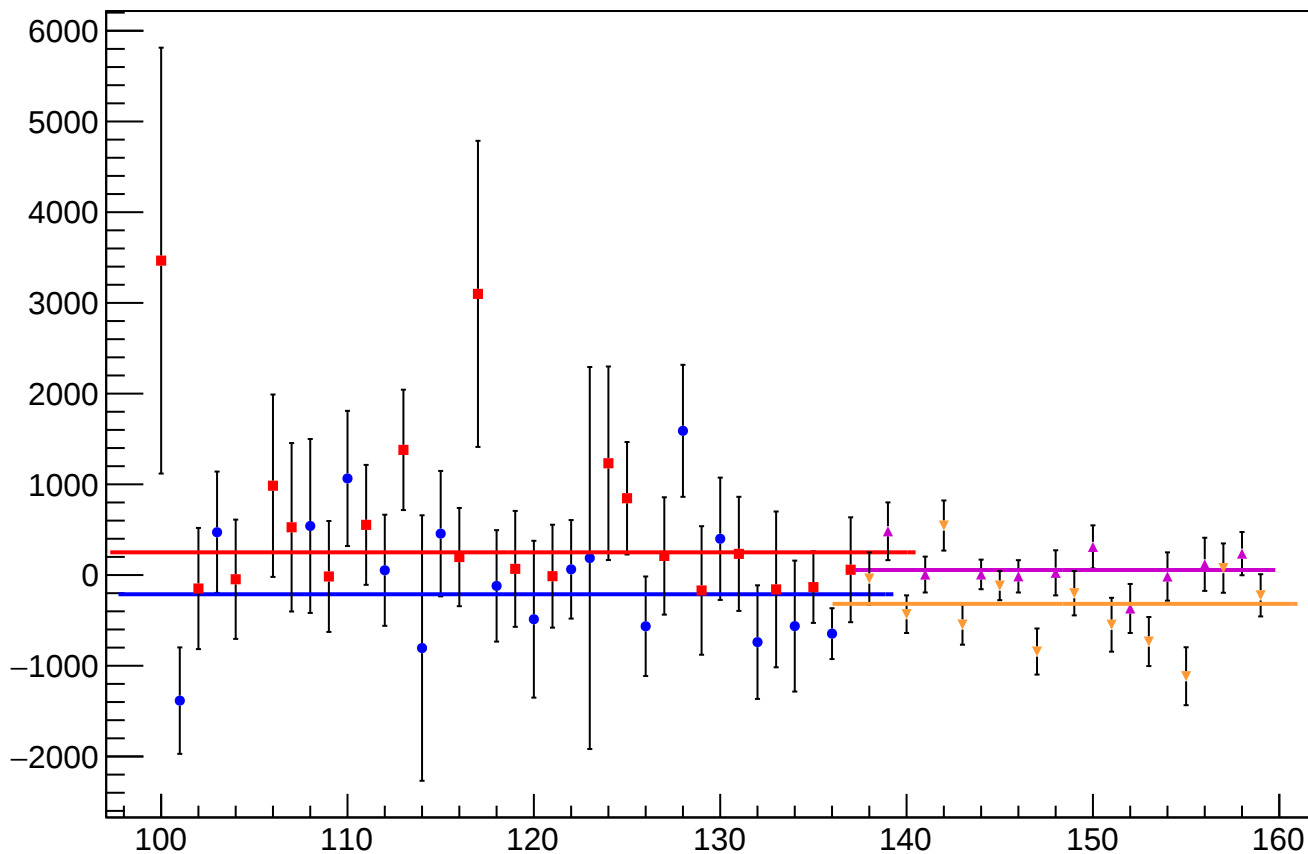
Left In: 198.585 $\pm$ 0.050 χ^2 /NDF: 660216.2/9

231.748 $\pm$ 0.044 χ^2 /NDF: 3606367.9/28

232.575 $\pm$ 0.032 χ^2 /NDF: 7641129.2/58

233.443 $\pm$ 0.045 χ^2 /NDF: 4034047.1/29

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -211.859 ± 148.316 χ^2/NDF : 21.0/16

Left Out: -317.607 ± 69.585 χ^2/NDF : 29.6/11

Right Out: 250.443 ± 149.724 χ^2/NDF : 12.9/19

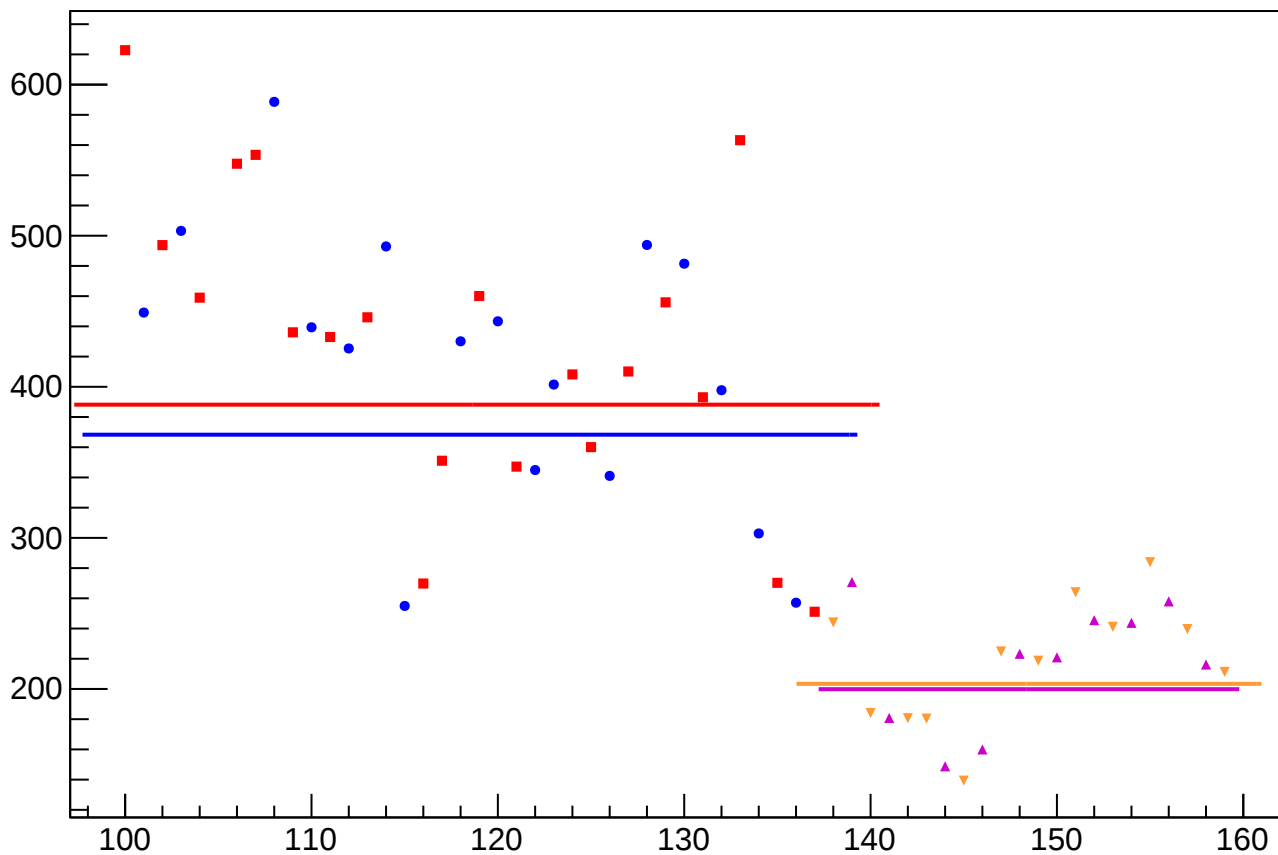
Left In: 55.560 ± 71.532 χ^2/NDF : 6.4/9

-298.529 ± 62.996 χ^2/NDF : 51.0/28

-108.114 ± 45.082 χ^2/NDF : 90.5/58

91.777 ± 64.544 χ^2/NDF : 20.7/29

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.302 $\pm$ 0.105 χ^2/NDF : 824619.2/16

Left Out: 203.399 $\pm$ 0.049 χ^2/NDF : 720489.7/11

Right Out: 388.178 $\pm$ 0.106 χ^2/NDF : 775692.7/19

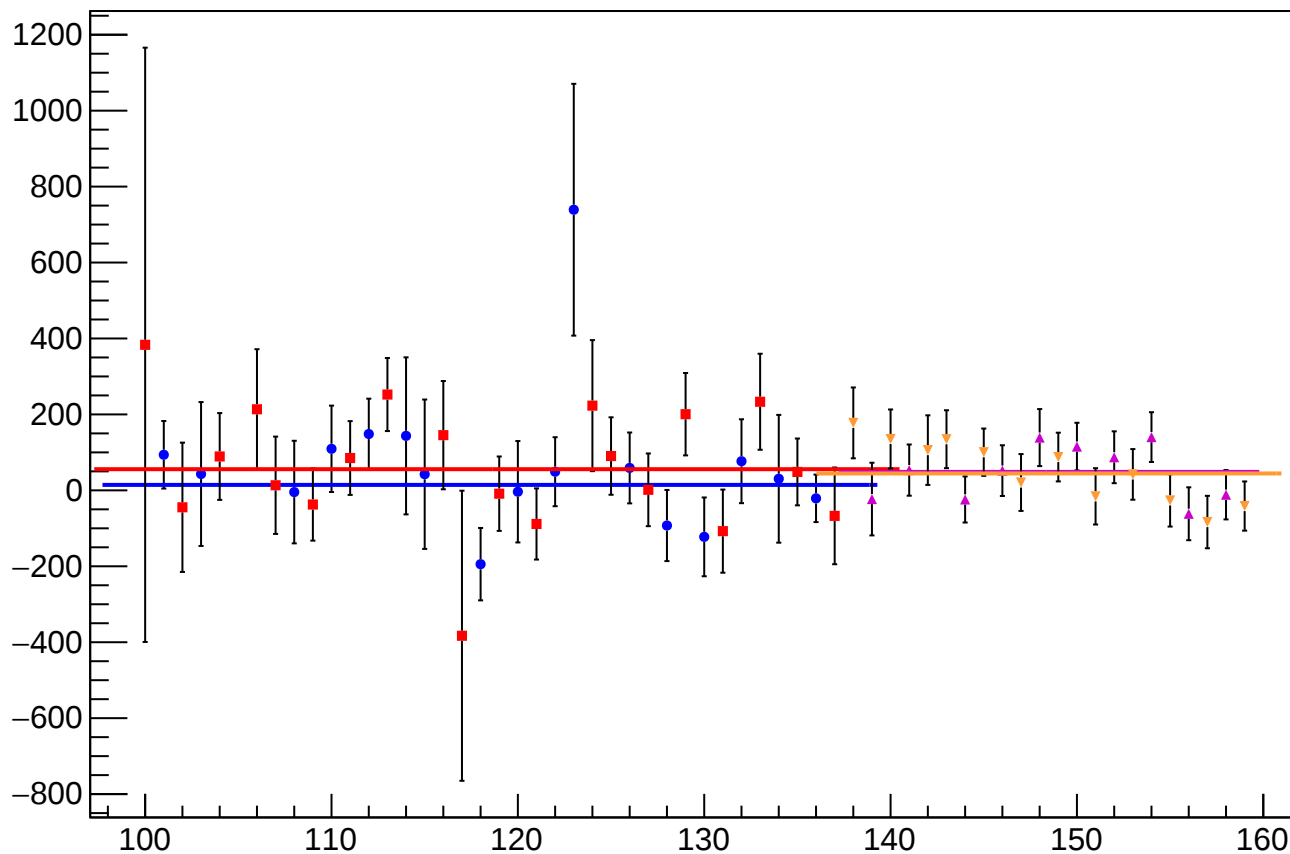
Left In: 199.856 $\pm$ 0.051 χ^2/NDF : 647266.1/9

233.148 $\pm$ 0.045 χ^2/NDF : 3571437.7/28

233.980 $\pm$ 0.032 χ^2/NDF : 7571208.8/58

234.853 $\pm$ 0.046 χ^2/NDF : 3999056.3/29

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 14.385 $\pm$ 26.334 χ^2 /NDF: 17.7/16

Left Out: 44.515 $\pm$ 20.780 χ^2 /NDF:13.5/11

Right Out: 55.744 $\pm$ 26.060 χ^2 /NDF: 19.7/19

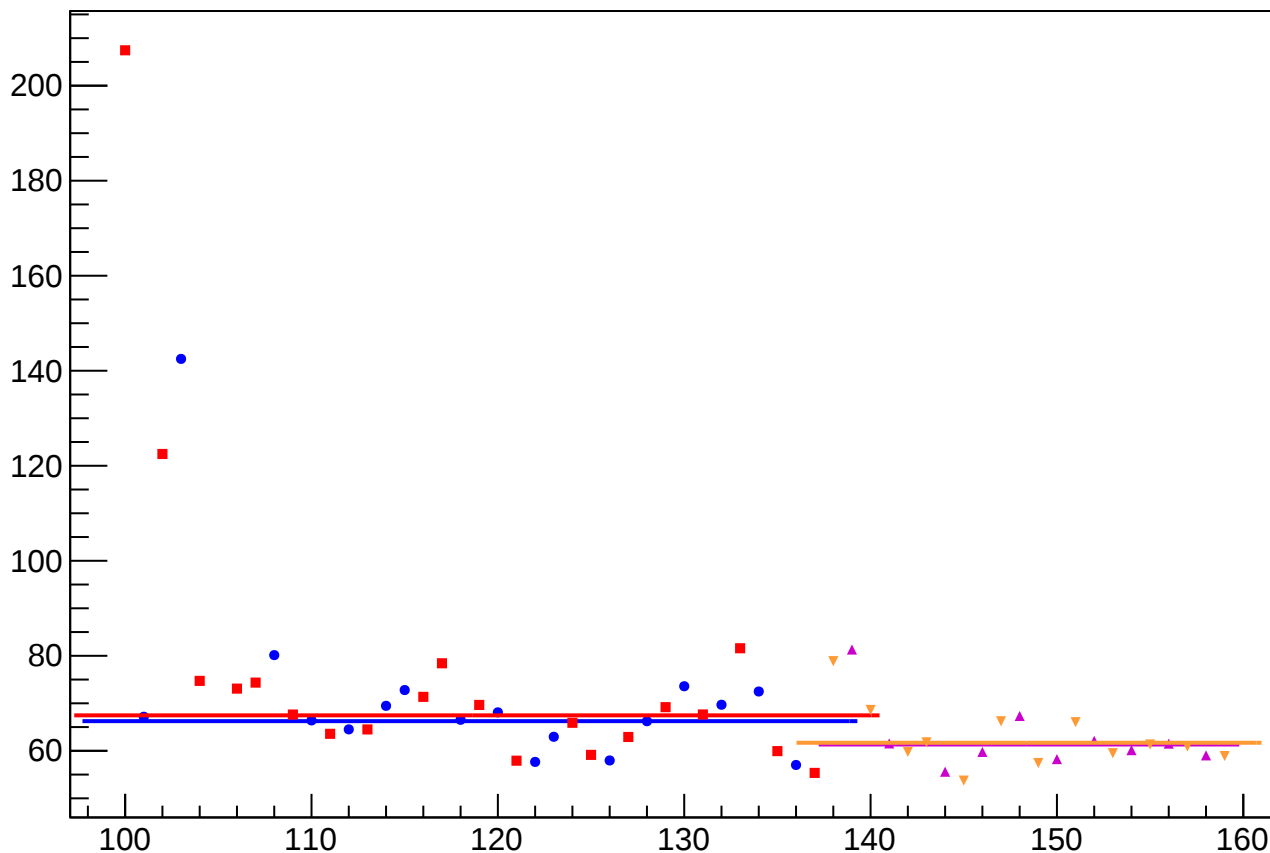
Left In: 48.591 $\pm$ 21.590 χ^2 /NDF:10.2/9

32.953 $\pm$ 16.313 χ^2 /NDF: 32.0/28

42.051 $\pm$ 11.644 χ^2 /NDF: 62.6/58

51.502 $\pm$ 16.626 χ^2 /NDF: 30.0/29

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 66.247+/-0.019 χ^2/NDF : 440944.2/16

Left Out: 61.701+/-0.015 χ^2/NDF : 146274.2/11

Right Out: 67.466+/-0.018 χ^2/NDF : 395262.8/19

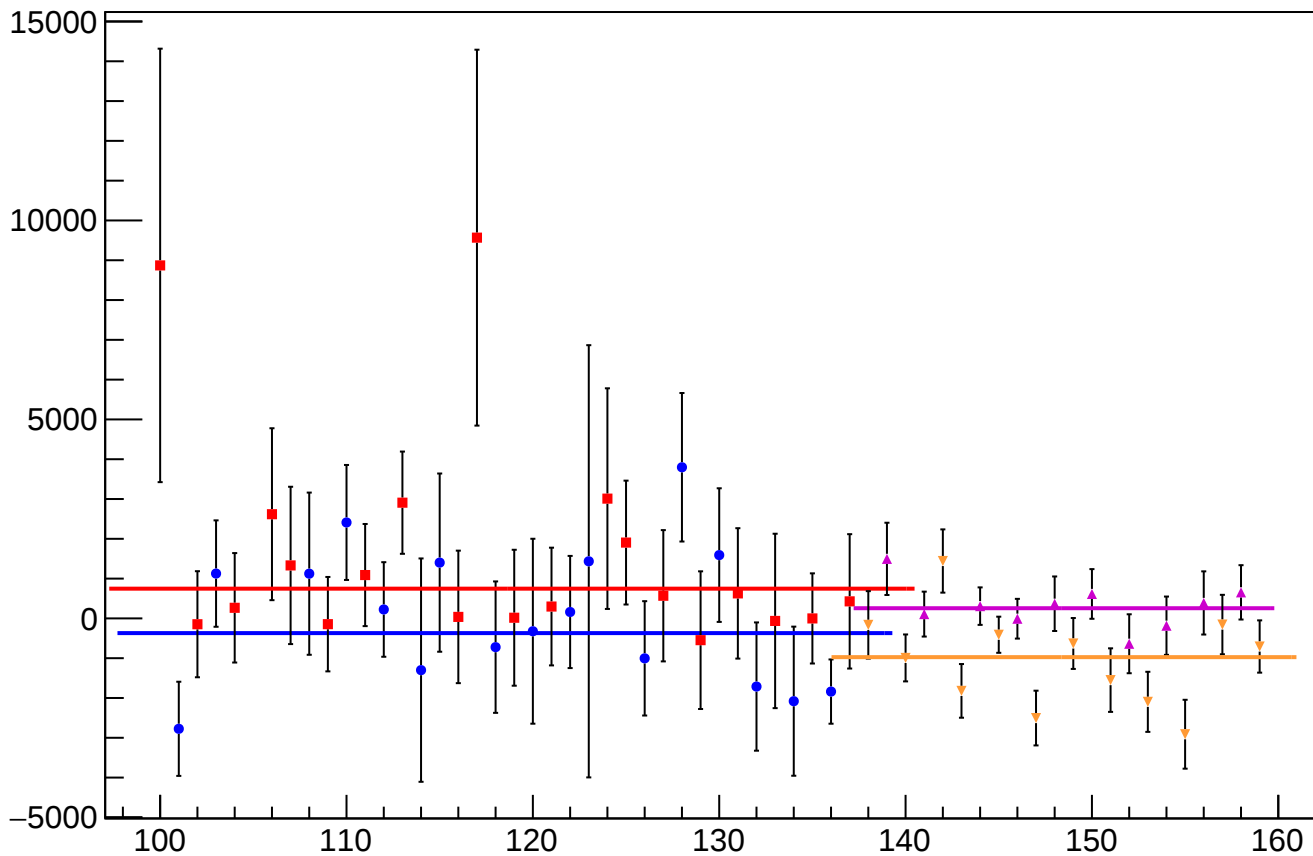
Left In: 61.333+/-0.015 χ^2/NDF : 127122.5/9

63.445+/-0.012 χ^2/NDF : 623959.1/28

63.634+/-0.008 χ^2/NDF : 1212583.4/58

63.829+/-0.012 χ^2/NDF : 588080.3/29

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -369.546+/-366.432 χ^2/NDF : 22.3/16

Left Out: -973.825+/-195.257 χ^2/NDF : 27.6/11

Right Out: 747.208+/-360.830 χ^2/NDF : 13.4/19

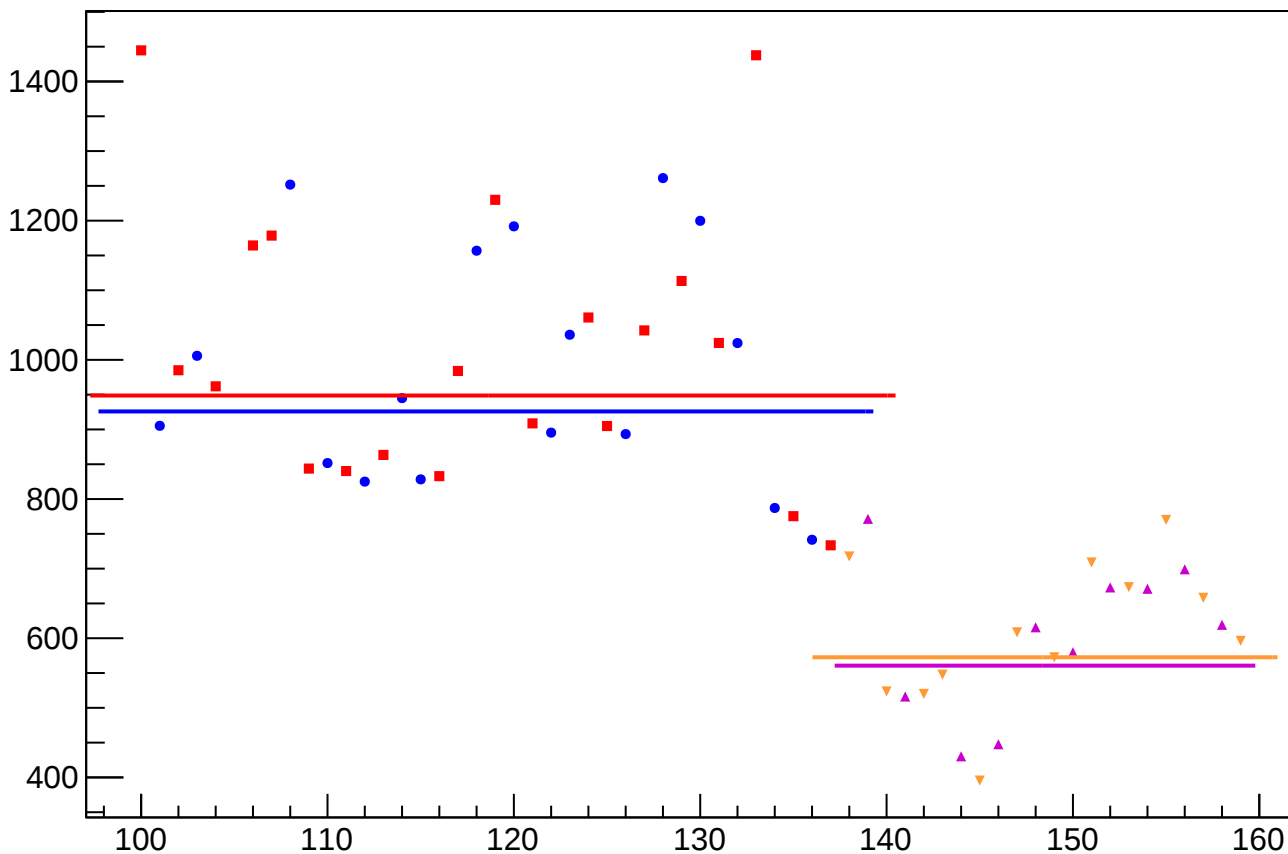
Left In: 255.743+/-200.067 χ^2/NDF : 4.8/9

-840.191+/-172.319 χ^2/NDF : 52.0/28

-243.692+/-122.775 χ^2/NDF : 96.0/58

371.306+/-174.971 χ^2/NDF : 19.6/29

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 925.885 $\pm$ 0.259 χ^2/NDF : 391084.5/16

Left Out: 572.643 $\pm$ 0.138 χ^2/NDF : 620583.1/11

Right Out: 948.760 $\pm$ 0.255 χ^2/NDF : 382044.0/19

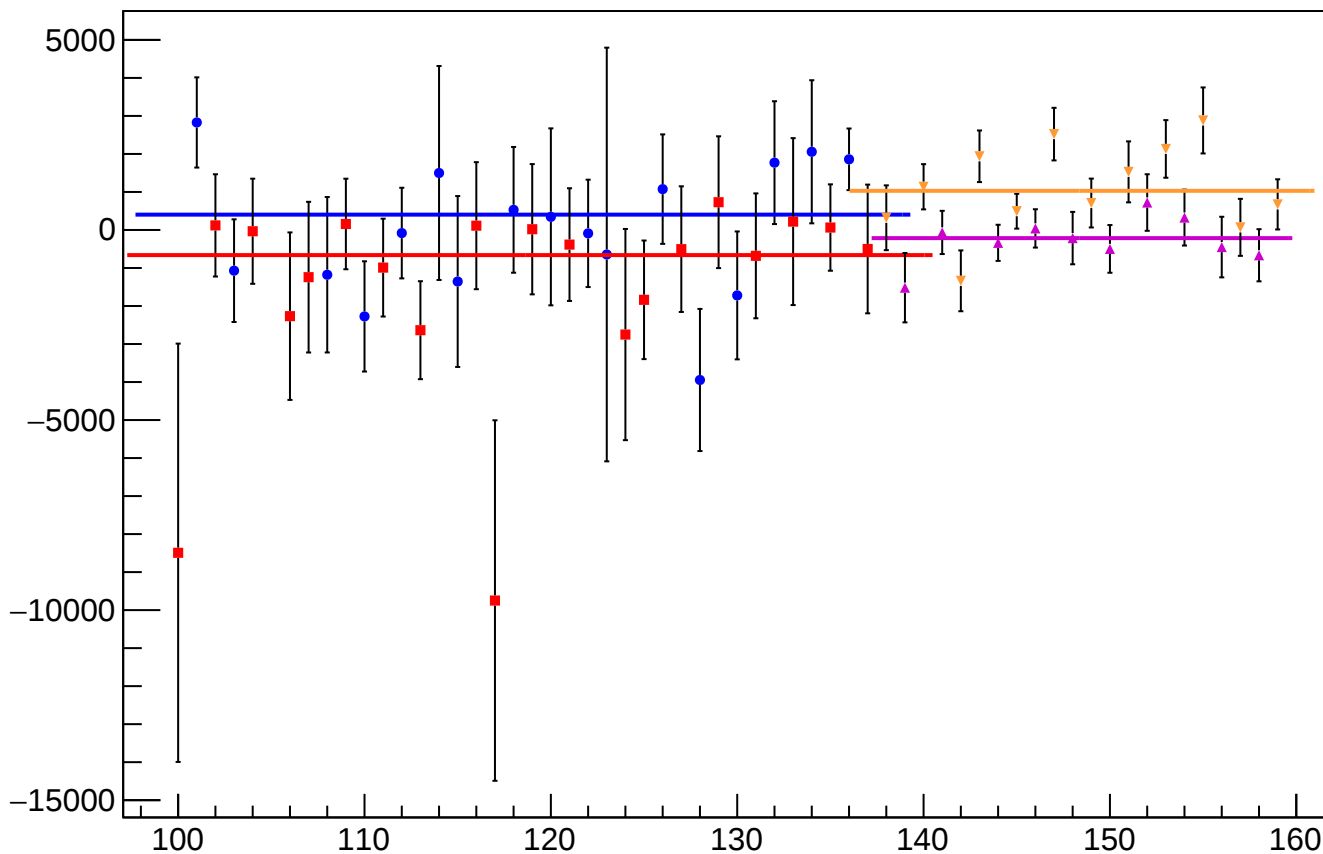
Left In: 560.602 $\pm$ 0.141 χ^2/NDF : 557607.5/9

650.761 $\pm$ 0.122 χ^2/NDF : 2459243.4/28

651.309 $\pm$ 0.087 χ^2/NDF : 5169137.4/58

651.874 $\pm$ 0.124 χ^2/NDF : 2709852.9/29

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 403.591 $\pm$ 367.686 χ^2 /NDF: 22.4/16

Left Out: 1030.450 $\pm$ 196.514 χ^2 /NDF:26.5/11

Right Out: -660.630 $\pm$ 362.265 χ^2 /NDF: 12.5/19

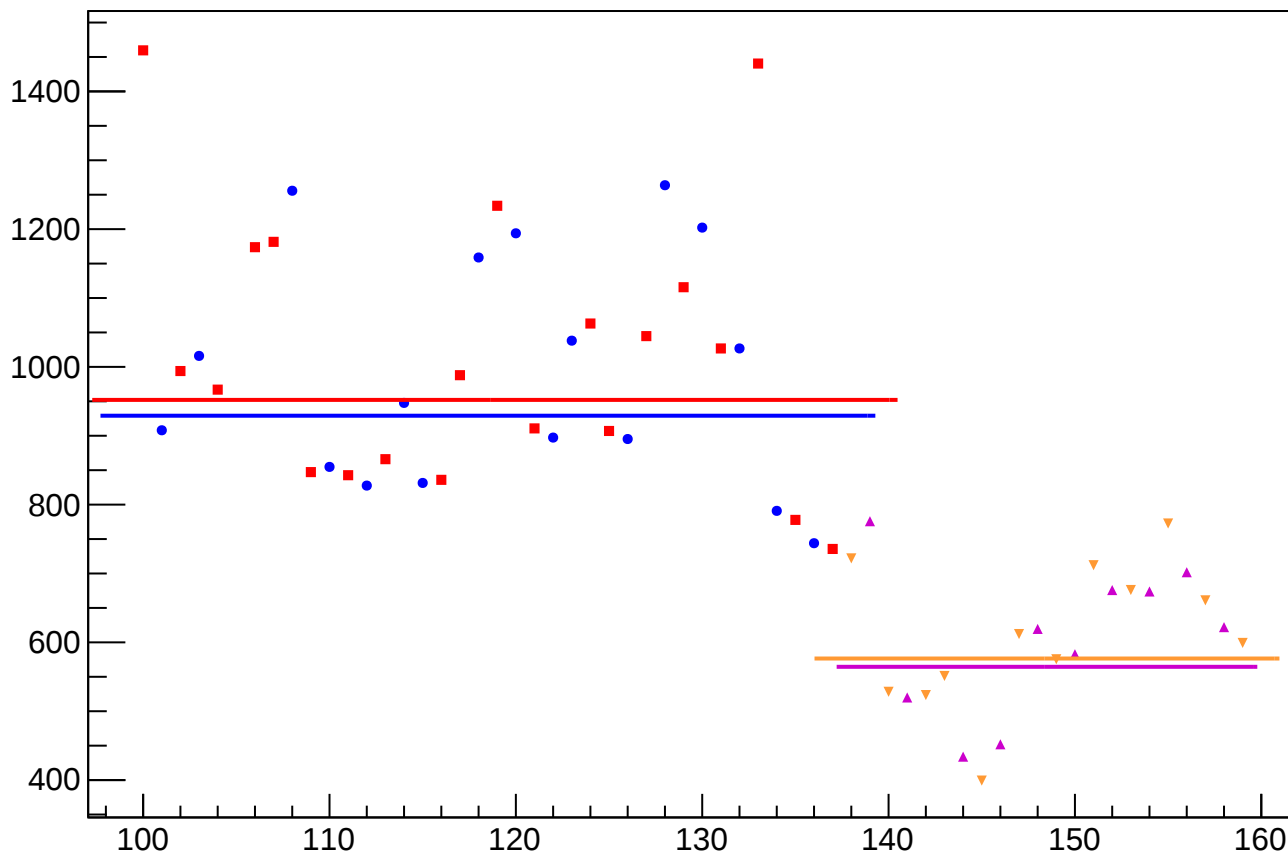
Left In: -214.293 $\pm$ 201.380 χ^2 /NDF:5.3/9

891.172 $\pm$ 173.313 χ^2 /NDF: 51.2/28

295.113 $\pm$ 123.494 χ^2 /NDF: 94.2/58

-319.658 $\pm$ 176.013 χ^2 /NDF: 19.0/29

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 929.096 $\pm$ 0.260 χ^2/NDF : 390292.1/16

Left Out: 576.535 $\pm$ 0.139 χ^2/NDF : 608427.7/11

Right Out: 952.057 $\pm$ 0.256 χ^2/NDF : 382334.5/19

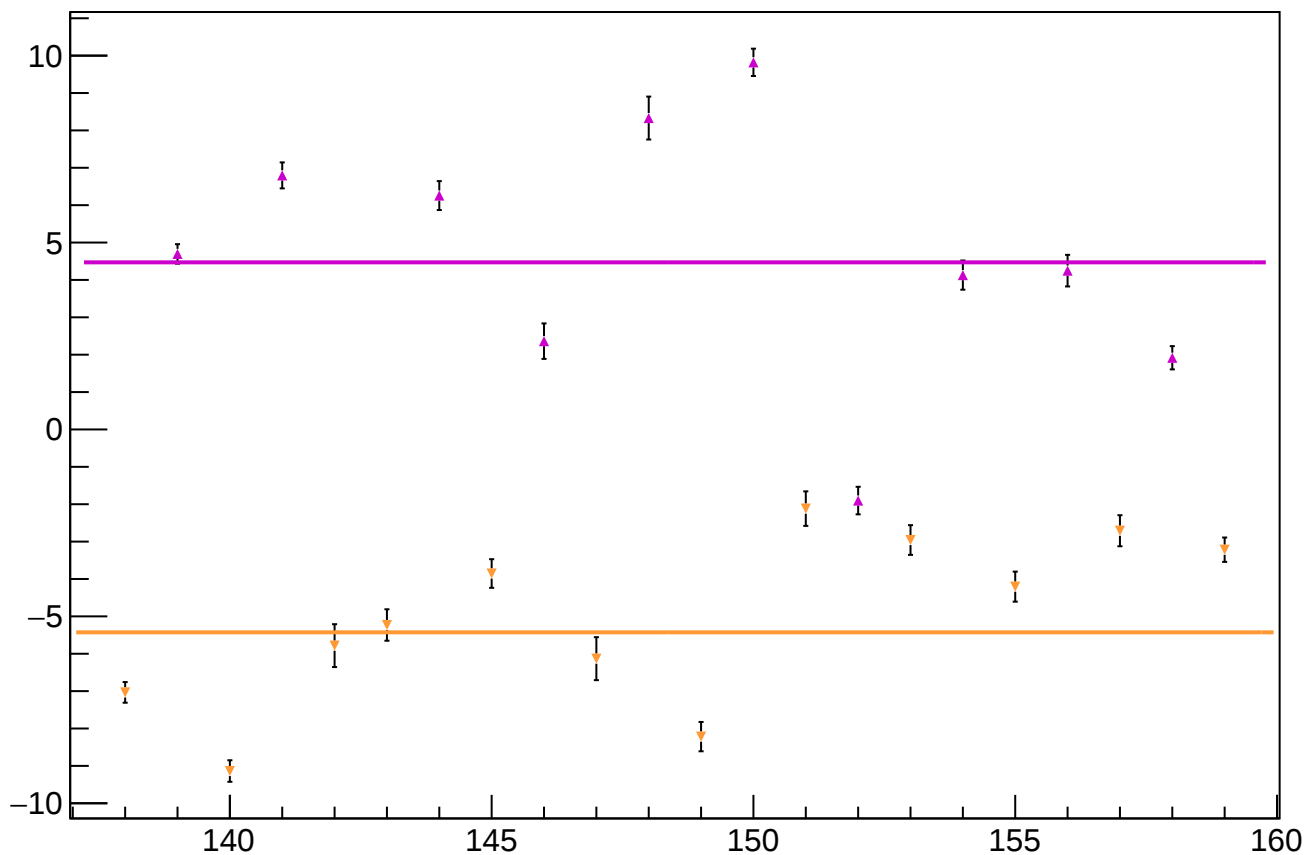
Left In: 564.490 $\pm$ 0.142 χ^2/NDF : 546913.9/9

654.868 $\pm$ 0.123 χ^2/NDF : 2429008.8/28

655.416 $\pm$ 0.087 χ^2/NDF : 5107043.0/58

655.981 $\pm$ 0.124 χ^2/NDF : 2677993.6/29

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -5.427 $\pm$ 0.110 χ^2 /NDF: 457.1/11

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

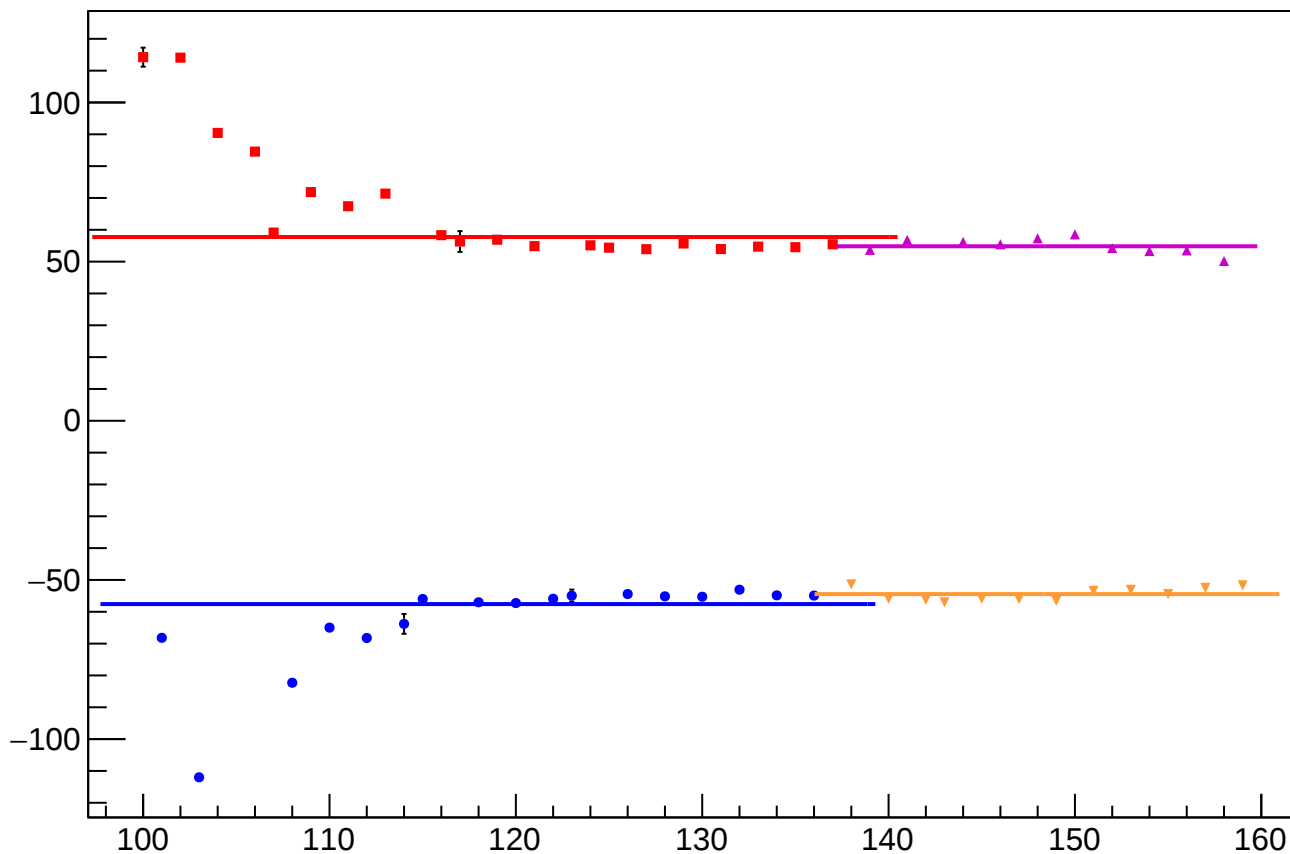
Left In: 4.470 $\pm$ 0.116 χ^2 /NDF: 713.5/9

-5.427 $\pm$ 0.110 χ^2 /NDF: 457.1/11

-0.733 $\pm$ 0.080 χ^2 /NDF: 5006.2/21

4.470 $\pm$ 0.116 χ^2 /NDF: 713.5/9

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.581+/-0.143 χ^2/NDF : 3455.5/16

Left Out: -54.444+/-0.081 χ^2/NDF : 578.5/11

Right Out: 57.730+/-0.143 χ^2/NDF : 4698.7/19

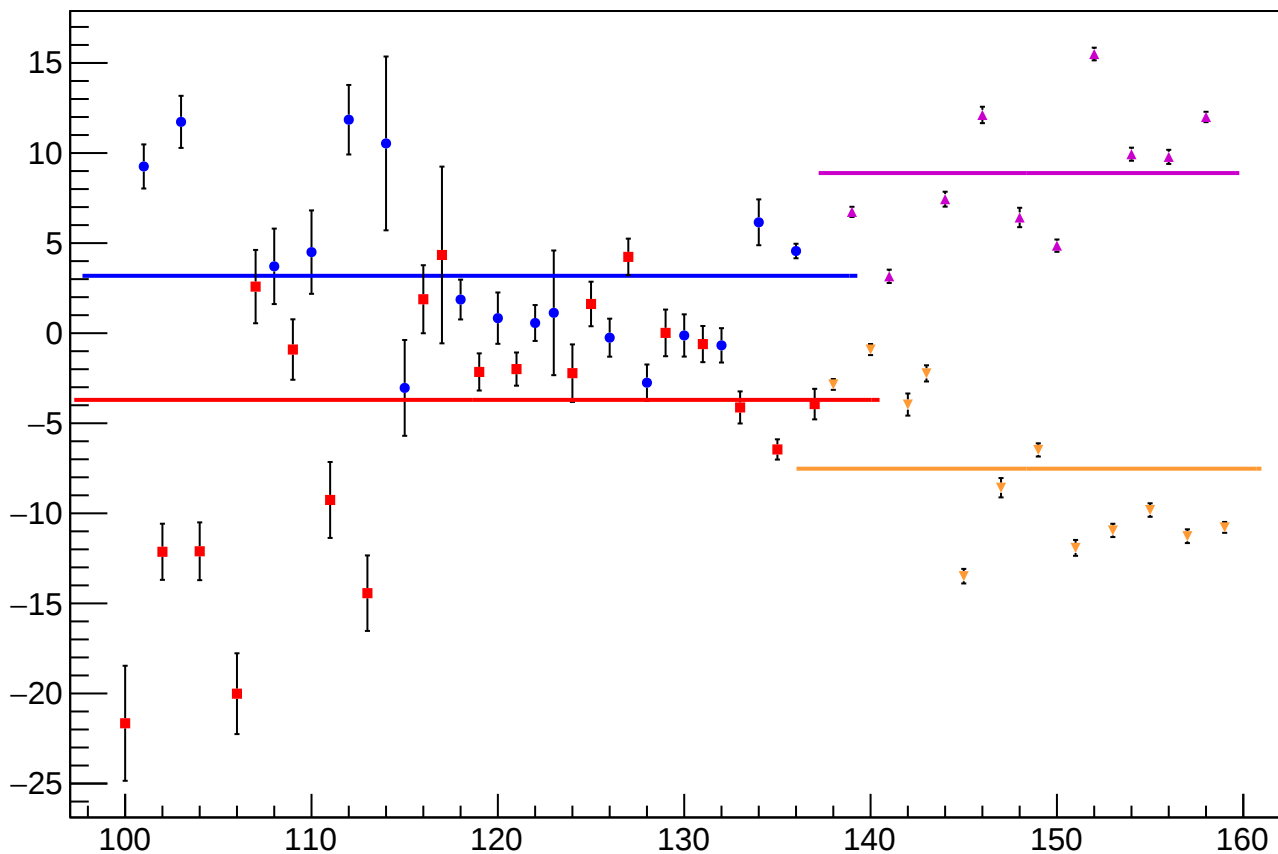
Left In: 54.824+/-0.087 χ^2/NDF : 916.4/9

-55.202+/-0.070 χ^2/NDF : 4398.6/28

-2.844+/-0.051 χ^2/NDF : 1184683.0/58

55.610+/-0.074 χ^2/NDF : 5916.9/29

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.185 ± 0.259 χ^2/NDF : 185.8/16

Left Out: -7.522 ± 0.109 χ^2/NDF : 1544.0/11

Right Out: -3.702 ± 0.267 χ^2/NDF : 326.8/19

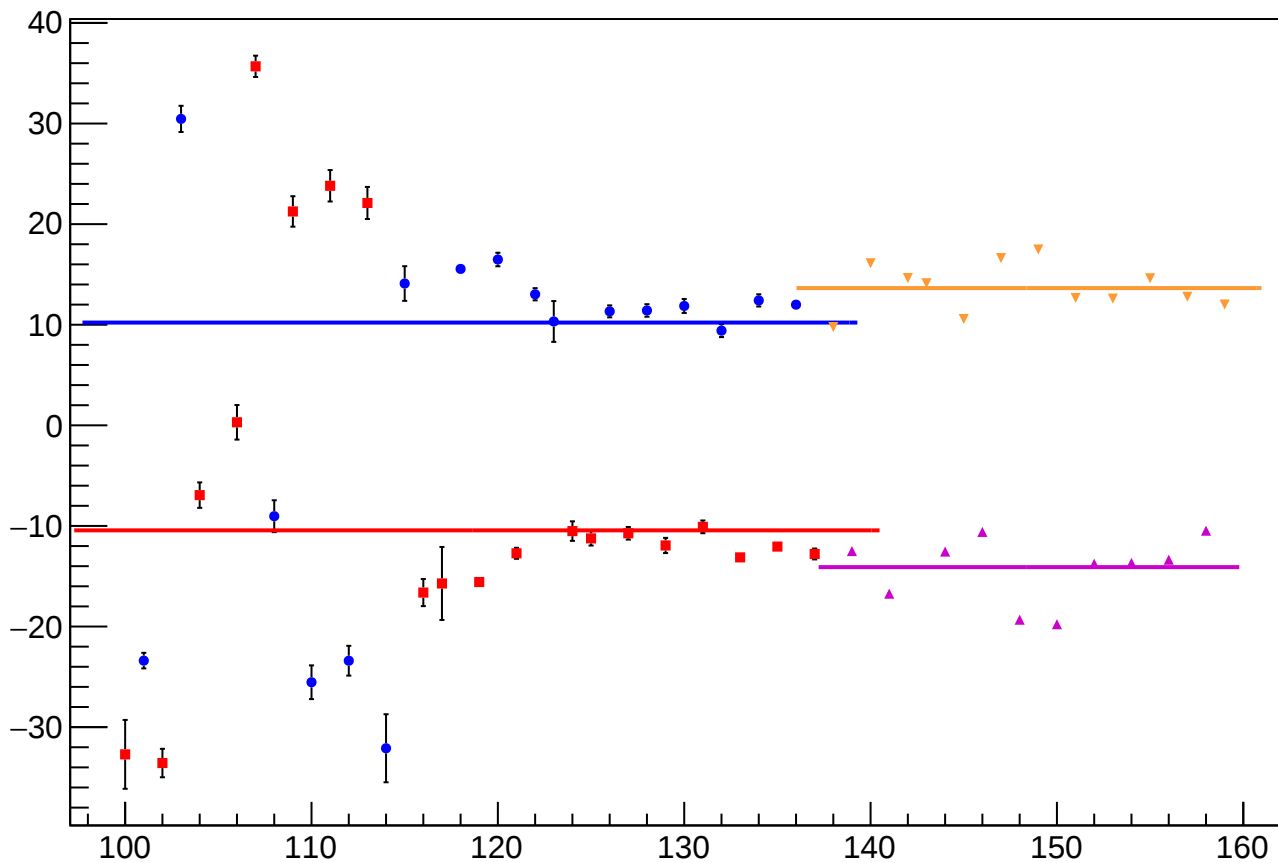
Left In: 8.889 ± 0.114 χ^2/NDF : 1003.5/9

-5.903 ± 0.101 χ^2/NDF : 3180.6/28

0.256 ± 0.073 χ^2/NDF : 14192.6/58

6.946 ± 0.105 χ^2/NDF : 3208.9/29

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.215 $\pm$ 0.158 χ^2/NDF : 3692.6/16

Left Out: 12.744 $\pm$ 0.081 χ^2/NDF : 4611.7/28

12.744 $\pm$ 0.081 χ^2/NDF : 4611.7/28

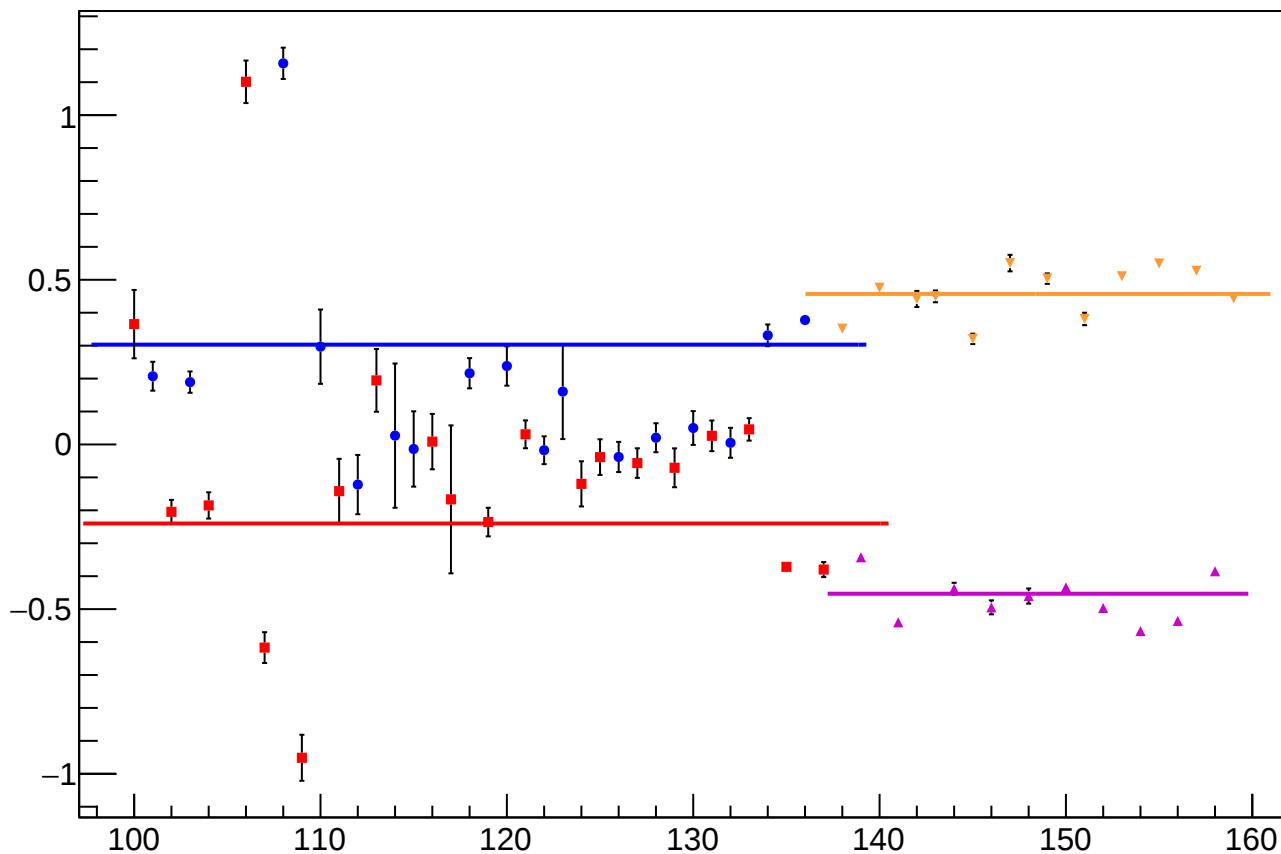
0.478 $\pm$ 0.059 χ^2/NDF : 58124.9/58

Right Out: -10.440 $\pm$ 0.160 χ^2/NDF : 3829.1/19

-13.060 $\pm$ 0.085 χ^2/NDF : 5228.0/29

Left In: -14.094 $\pm$ 0.100 χ^2/NDF : 1024.5/9

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 ± 0.008 χ^2/NDF : 646.3/16

Left Out: 0.457 ± 0.004 χ^2/NDF : 297.9/11

Right Out: -0.240 ± 0.009 χ^2/NDF : 984.5/19

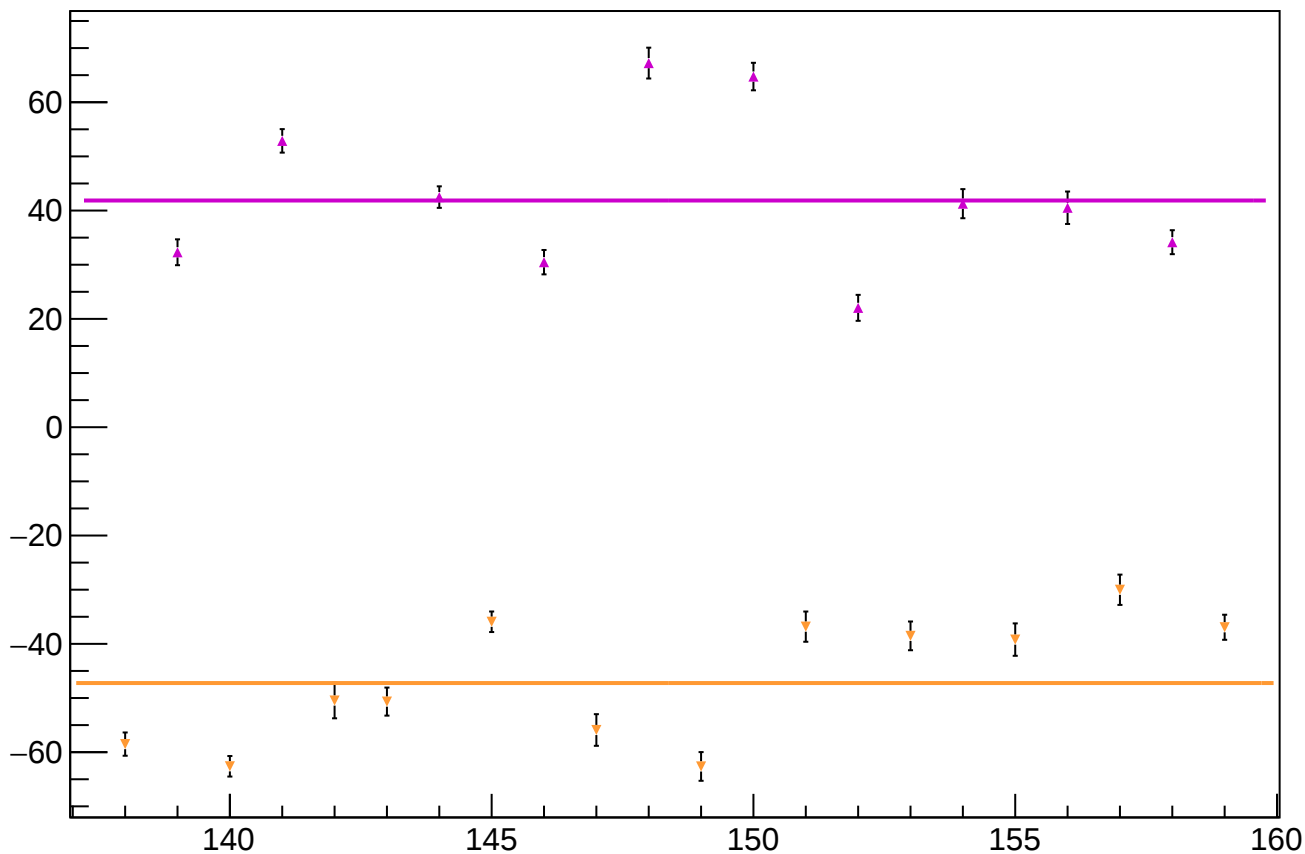
Left In: -0.453 ± 0.004 χ^2/NDF : 338.8/9

0.425 ± 0.004 χ^2/NDF : 1222.9/28

0.021 ± 0.003 χ^2/NDF : 27122.1/58

-0.409 ± 0.004 χ^2/NDF : 1821.1/29

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -47.235+/-0.712 χ^2/NDF : 263.8/11

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

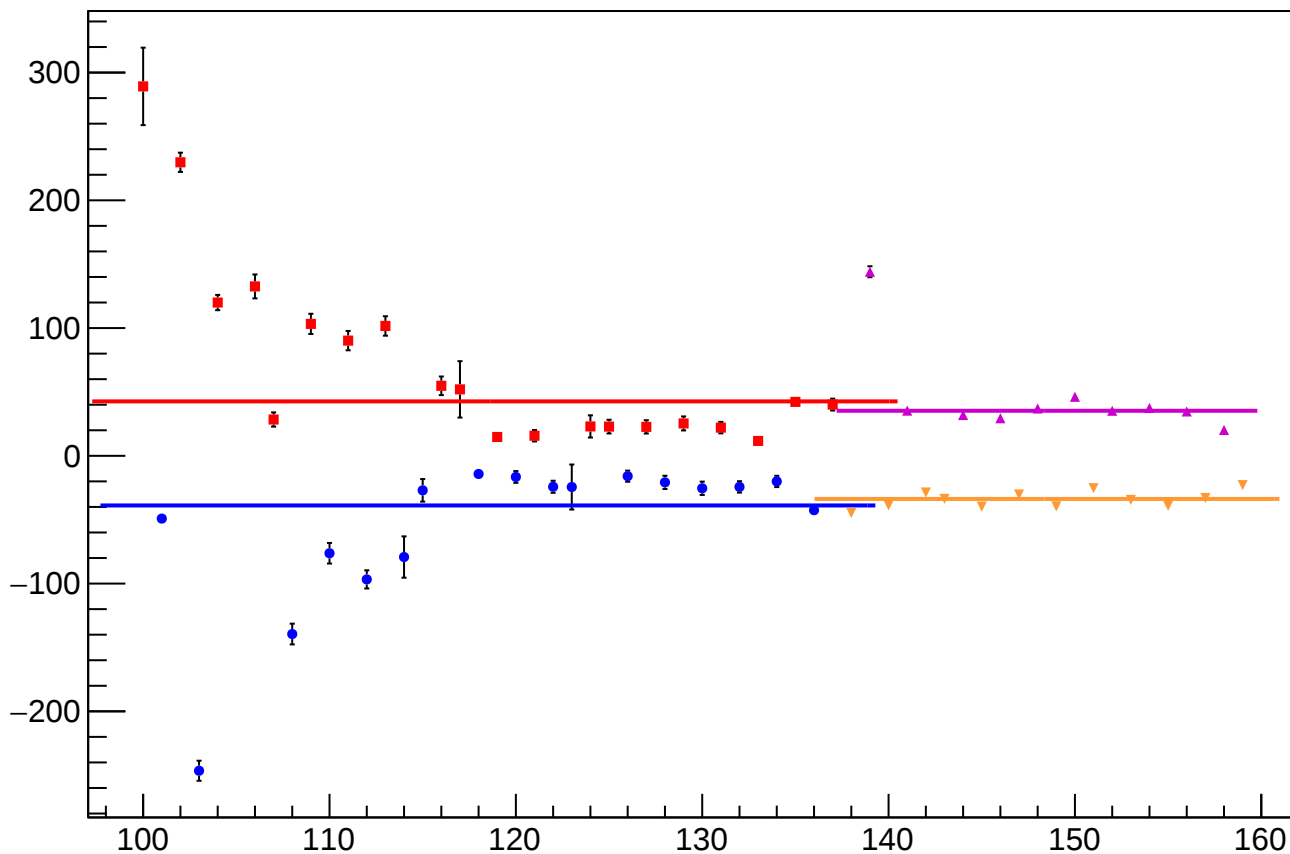
Left In: 41.856+/-0.757 χ^2/NDF : 308.9/9

-47.235+/-0.712 χ^2/NDF : 263.8/11

-5.398+/-0.519 χ^2/NDF : 7920.3/21

41.856+/-0.757 χ^2/NDF : 308.9/9

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.844 ± 1.148 χ^2/NDF : 1121.9/16

Left Out: -33.738 ± 0.498 χ^2/NDF : 155.9/11

Right Out: 42.614 ± 1.208 χ^2/NDF : 1345.9/19

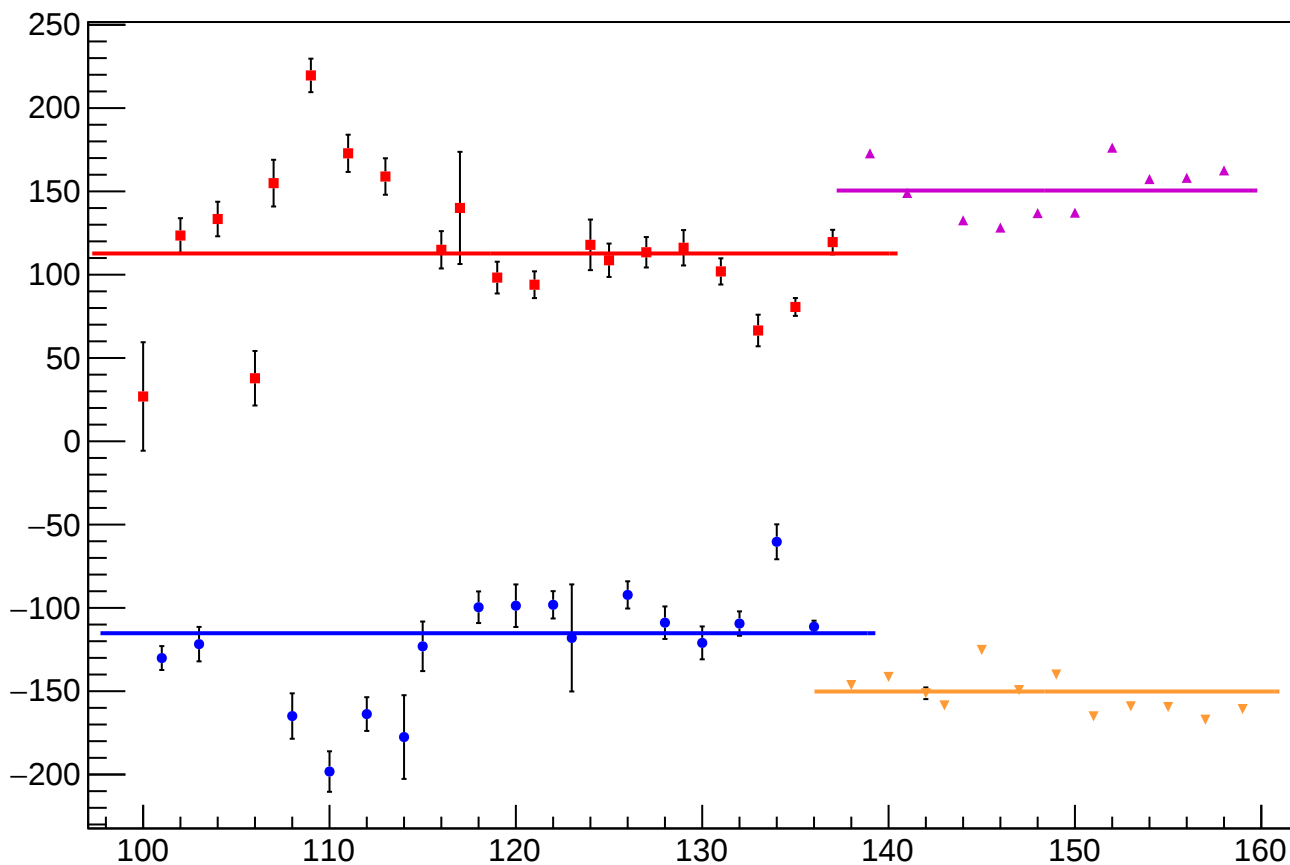
Left In: 35.267 ± 0.525 χ^2/NDF : 811.4/9

-34.546 ± 0.457 χ^2/NDF : 1294.4/28

-0.925 ± 0.331 χ^2/NDF : 14919.6/58

36.434 ± 0.482 χ^2/NDF : 2188.4/29

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -115.199 ± 2.081 $\chi^2/\text{NDF}: 140.8/16$

Left Out: -150.187 ± 0.710 $\chi^2/\text{NDF}: 323.3/11$

Right Out: 112.729 ± 2.205 $\chi^2/\text{NDF}: 273.1/19$

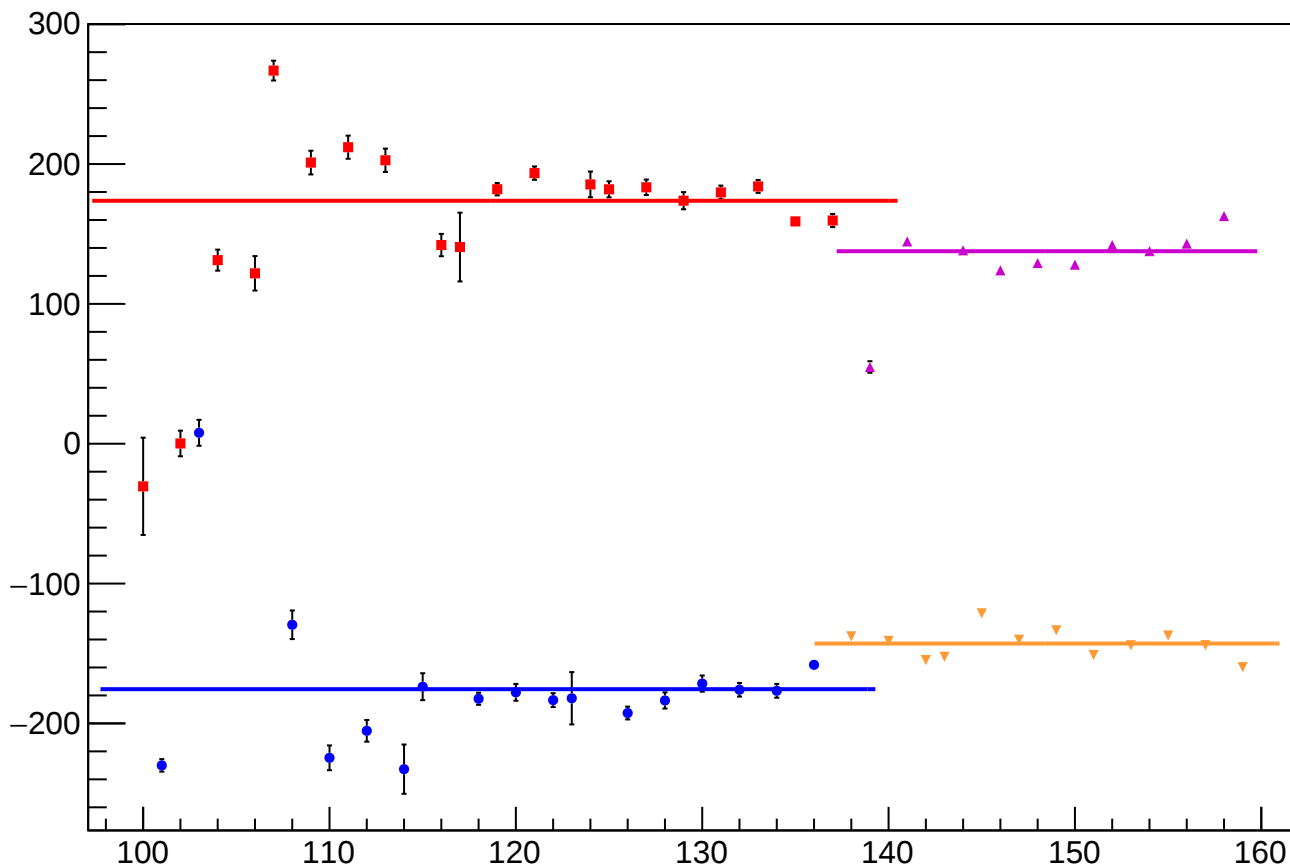
Left In: 150.510 ± 0.743 $\chi^2/\text{NDF}: 484.6/9$

-146.544 ± 0.672 $\chi^2/\text{NDF}: 717.2/28$

-6.886 ± 0.486 $\chi^2/\text{NDF}: 92512.3/58$

146.655 ± 0.704 $\chi^2/\text{NDF}: 1021.4/29$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.521 ± 1.277 χ^2/NDF : 692.3/16

Left Out: -142.895 ± 0.593 χ^2/NDF : 343.9/11

Right Out: 173.729 ± 1.354 χ^2/NDF : 739.7/19

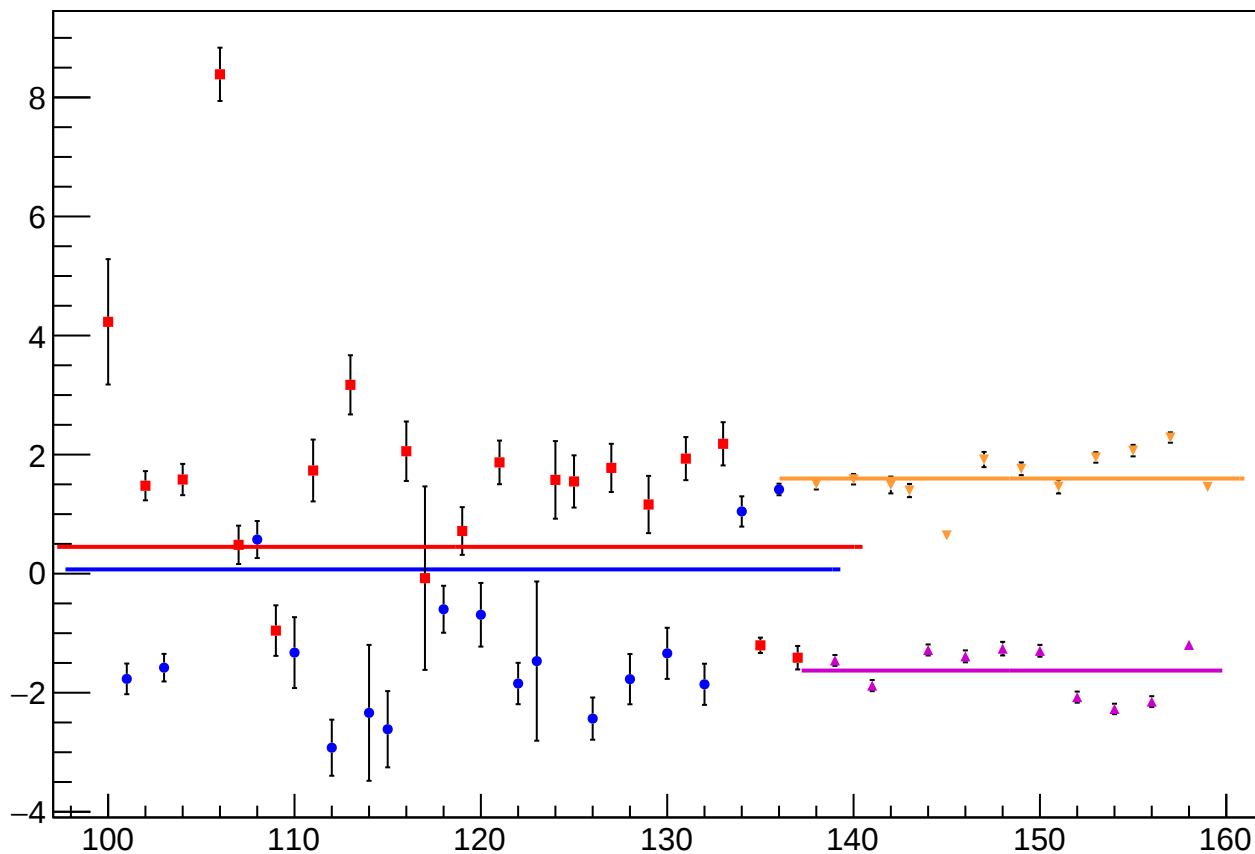
Left In: 137.662 ± 0.624 χ^2/NDF : 778.4/9

-148.681 ± 0.538 χ^2/NDF : 1573.1/28

-10.036 ± 0.390 χ^2/NDF : 143954.1/58

143.979 ± 0.567 χ^2/NDF : 2103.0/29

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.072 $\pm$ 0.067 χ^2 /NDF: 525.2/16

Left Out: 1.598 $\pm$ 0.028 χ^2 /NDF: 266.8/11

Right Out: 0.450 $\pm$ 0.071 χ^2 /NDF: 751.4/19

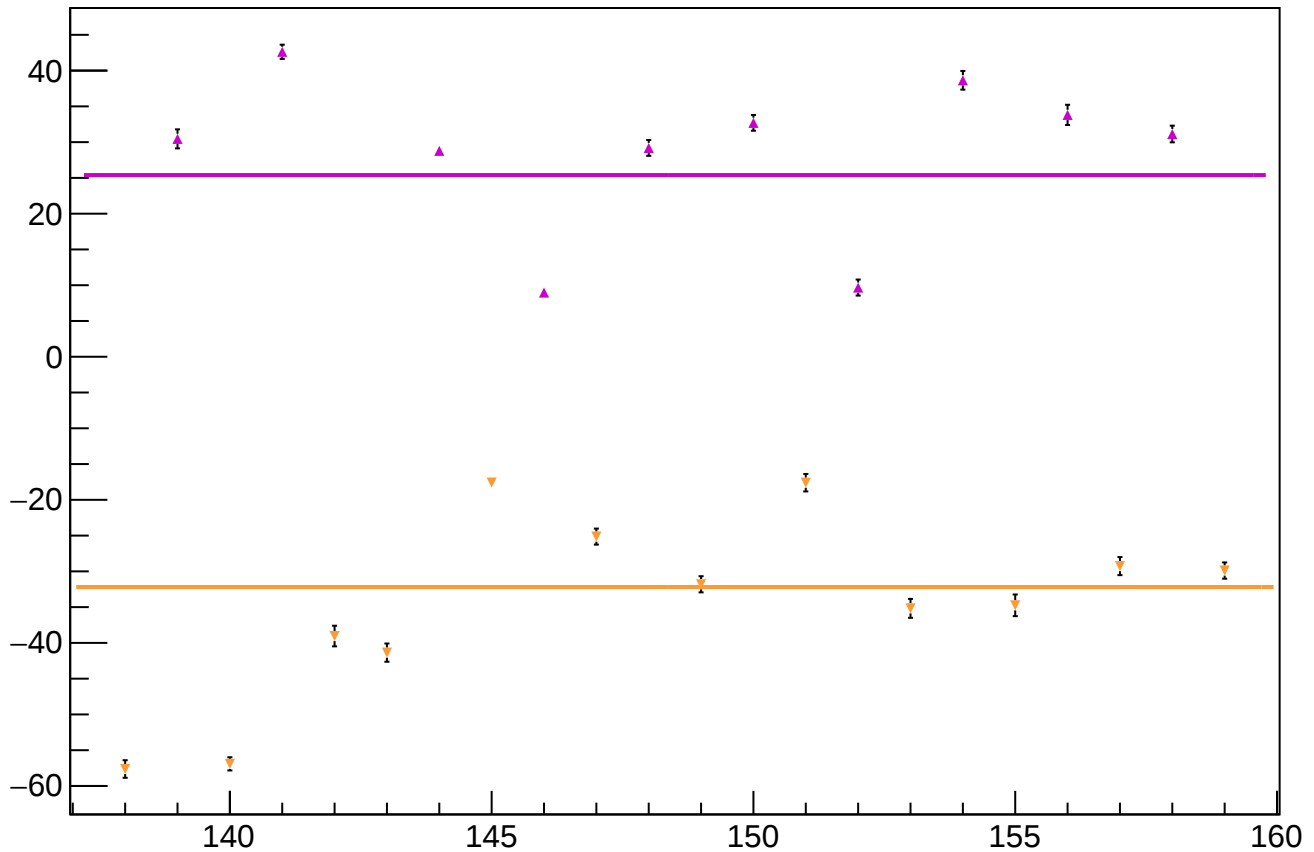
Left In: -1.628 $\pm$ 0.029 χ^2 /NDF: 196.1/9

1.375 $\pm$ 0.026 χ^2 /NDF: 1233.2/28

0.089 $\pm$ 0.019 χ^2 /NDF: 8201.6/58

-1.331 $\pm$ 0.027 χ^2 /NDF: 1676.5/29

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -32.187 $\pm$ 0.313 χ^2 /NDF:1980.0/11

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

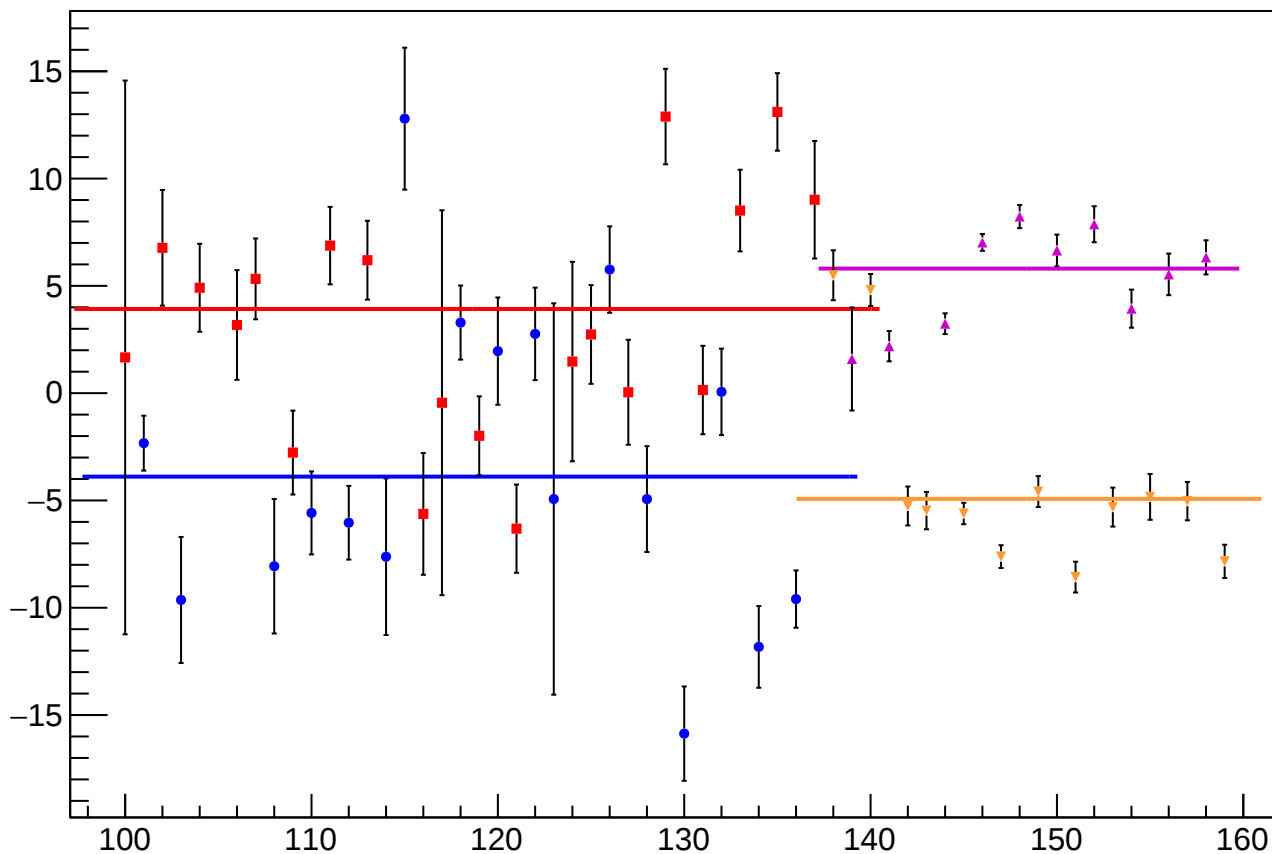
Left In: 25.398 $\pm$ 0.309 χ^2 /NDF:1413.7/9

-32.187 $\pm$ 0.313 χ^2 /NDF: 1980.0/11

-3.080 $\pm$ 0.220 χ^2 /NDF: 20526.0/21

25.398 $\pm$ 0.309 χ^2 /NDF: 1413.7/9

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.890 ± 0.498 $\chi^2/\text{NDF}: 160.5/16$

Left Out: -4.927 ± 0.216 $\chi^2/\text{NDF}: 319.2/11$

Right Out: 3.923 ± 0.506 $\chi^2/\text{NDF}: 122.4/19$

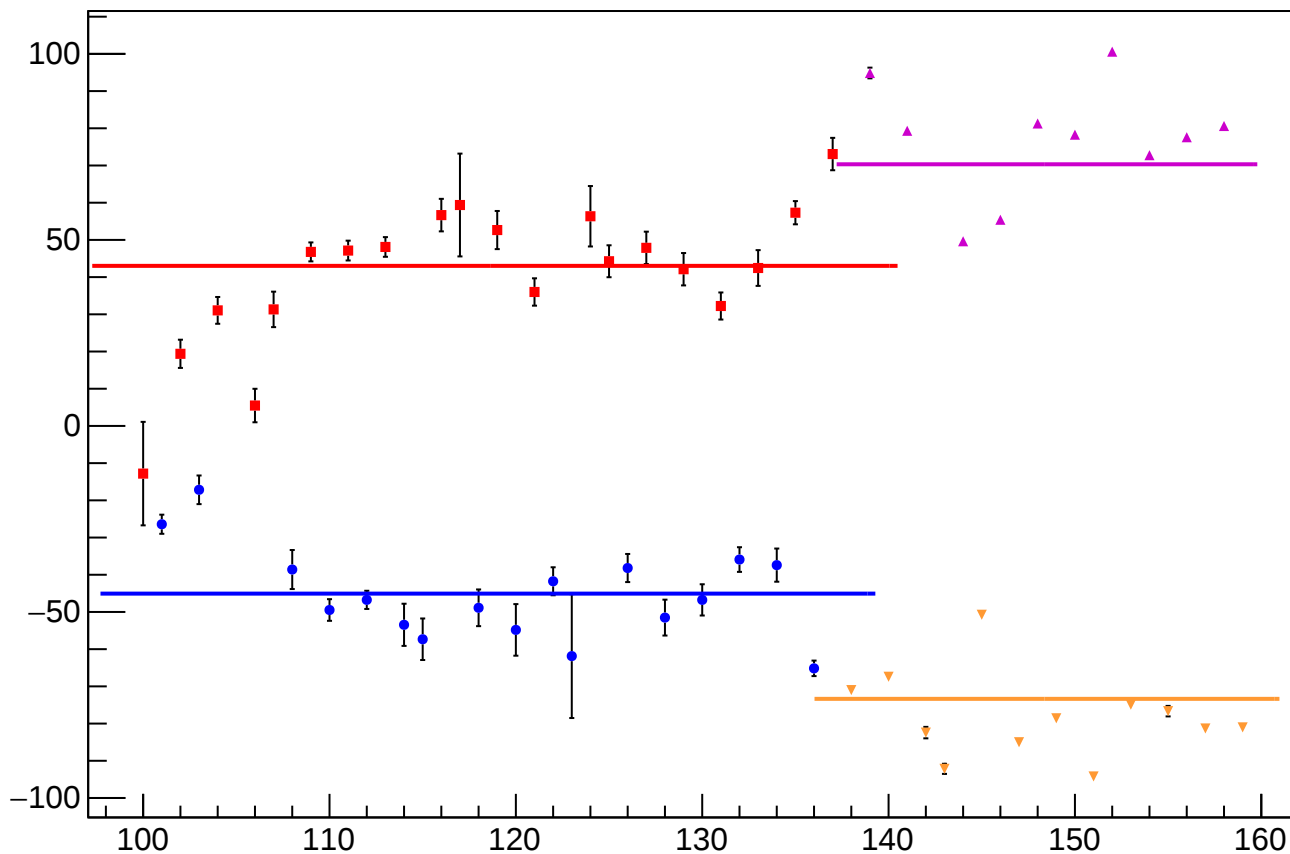
Left In: 5.805 ± 0.206 $\chi^2/\text{NDF}: 99.8/9$

-4.764 ± 0.198 $\chi^2/\text{NDF}: 483.3/28$

0.578 ± 0.137 $\chi^2/\text{NDF}: 2123.4/58$

5.538 ± 0.191 $\chi^2/\text{NDF}: 234.1/29$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.070 ± 0.883 χ^2/NDF : 229.7/16

Left Out: -73.354 ± 0.313 χ^2/NDF : 2028.9/11

Right Out: 43.025 ± 0.876 χ^2/NDF : 249.7/19

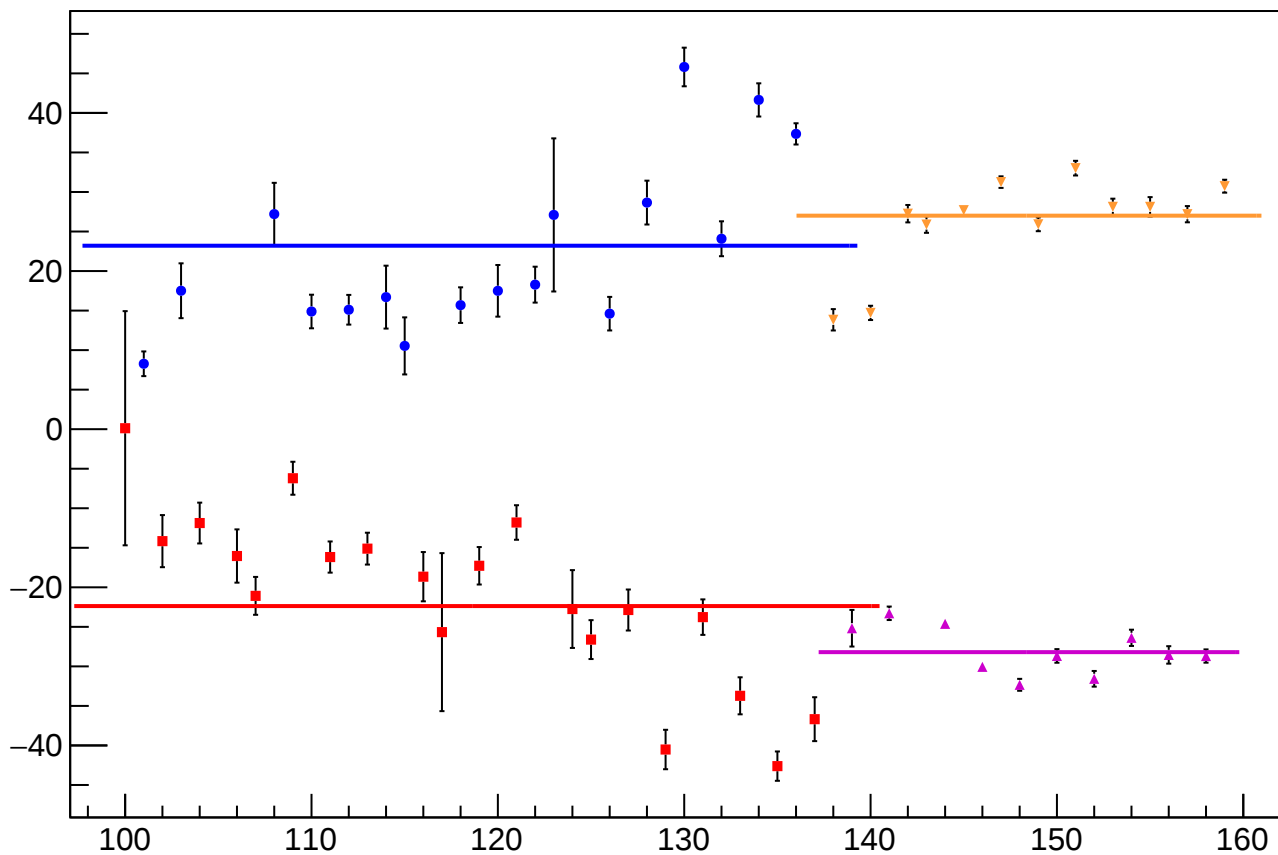
Left In: 70.327 ± 0.305 χ^2/NDF : 2854.8/9

-70.207 ± 0.295 χ^2/NDF : 3169.8/28

0.232 ± 0.206 χ^2/NDF : 118784.4/58

67.383 ± 0.288 χ^2/NDF : 3971.0/29

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.205±/0.559 χ^2/NDF : 457.3/16

Left Out: 27.005±/0.259 χ^2/NDF : 383.1/11

Right Out: -22.372±/0.572 χ^2/NDF : 367.0/19

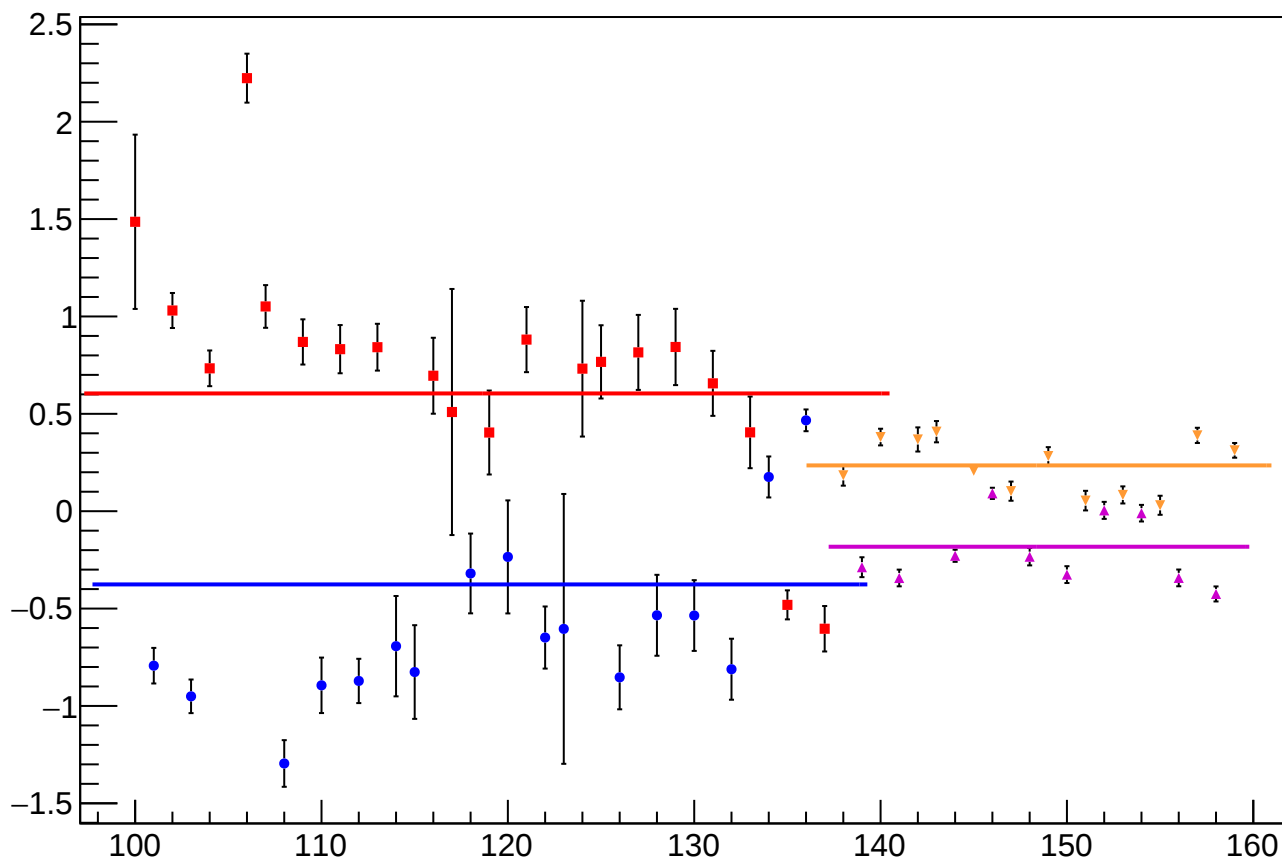
Left In: -28.199±/0.250 χ^2/NDF : 133.4/9

26.333±/0.235 χ^2/NDF : 878.4/28

-1.137±/0.164 χ^2/NDF : 28135.4/58

-27.262±/0.229 χ^2/NDF : 587.6/29

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.376 ± 0.030 $\chi^2/\text{NDF}: 437.3/16$

Left Out: 0.235 ± 0.012 $\chi^2/\text{NDF}: 98.6/11$

Right Out: 0.605 ± 0.030 $\chi^2/\text{NDF}: 551.2/19$

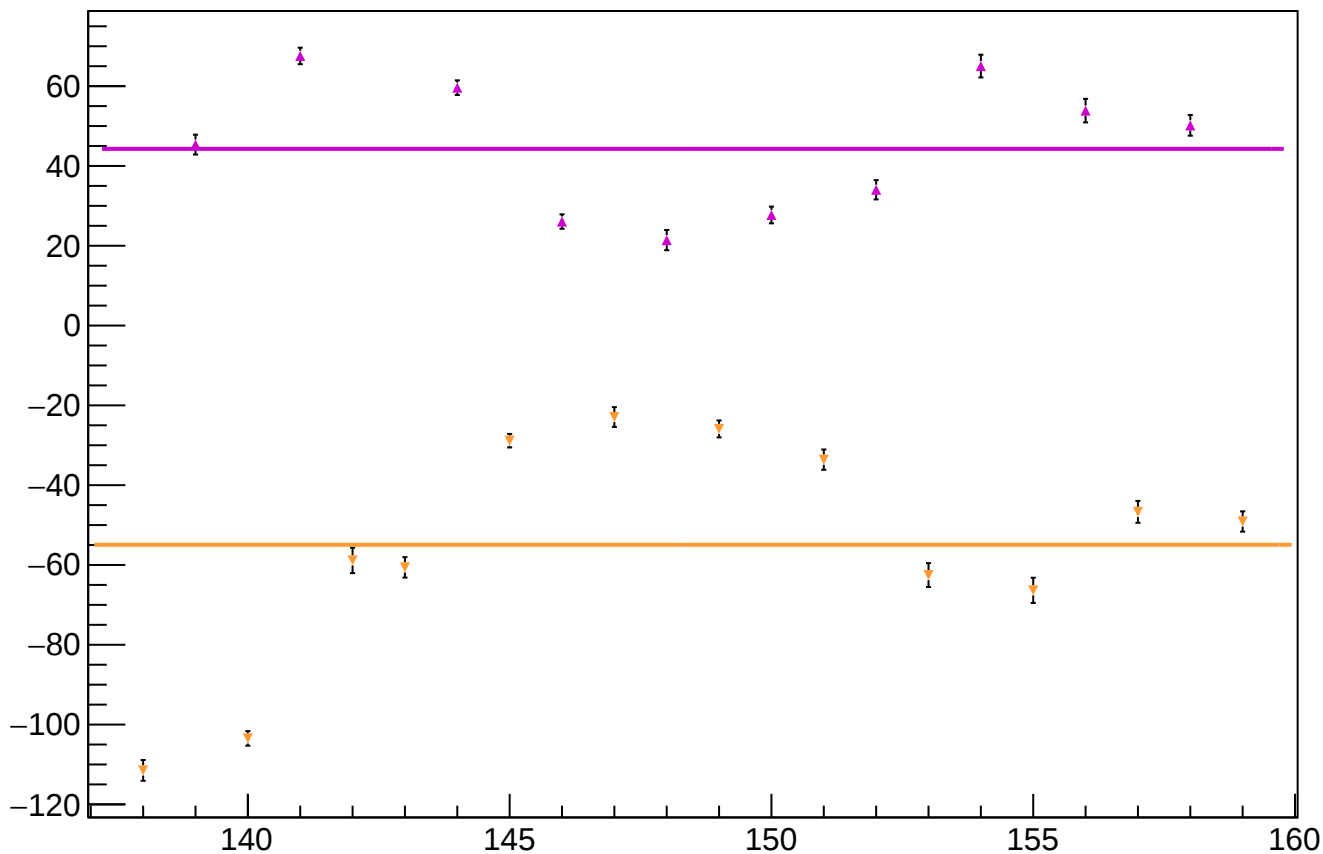
Left In: -0.182 ± 0.012 $\chi^2/\text{NDF}: 212.1/9$

0.147 ± 0.011 $\chi^2/\text{NDF}: 888.4/28$

0.040 ± 0.008 $\chi^2/\text{NDF}: 2411.1/58$

-0.069 ± 0.011 $\chi^2/\text{NDF}: 1344.7/29$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -54.939+/-0.693 χ^2/NDF : 1873.5/11

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

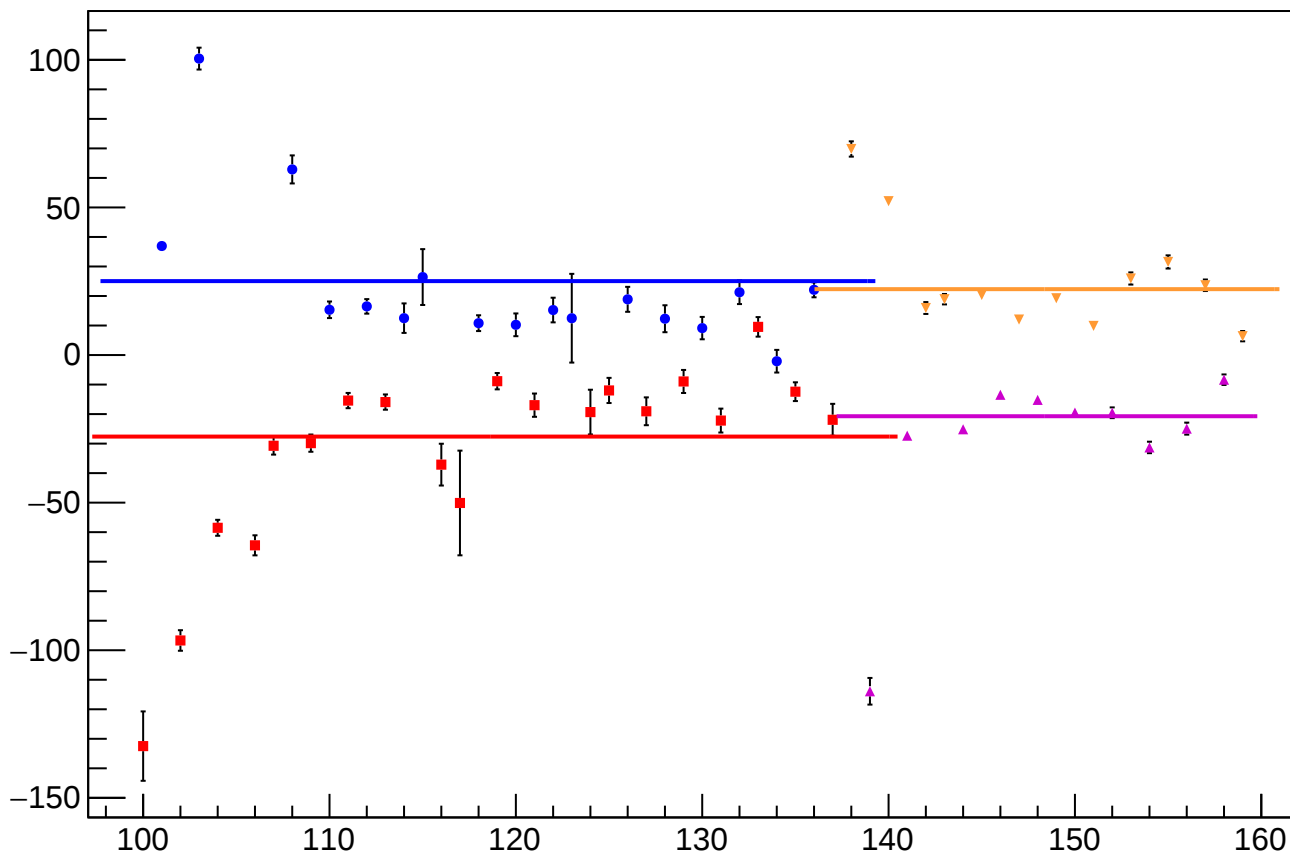
Left In: 44.282+/-0.719 χ^2/NDF : 527.8/9

-54.939+/-0.693 χ^2/NDF : 1873.5/11

-7.124+/-0.499 χ^2/NDF : 12274.4/21

44.282+/-0.719 χ^2/NDF : 527.8/9

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 25.045 ± 0.806 χ^2/NDF : 686.4/16

Left Out: 22.320 ± 0.477 χ^2/NDF : 998.8/11

Right Out: -27.620 ± 0.809 χ^2/NDF : 1014.4/19

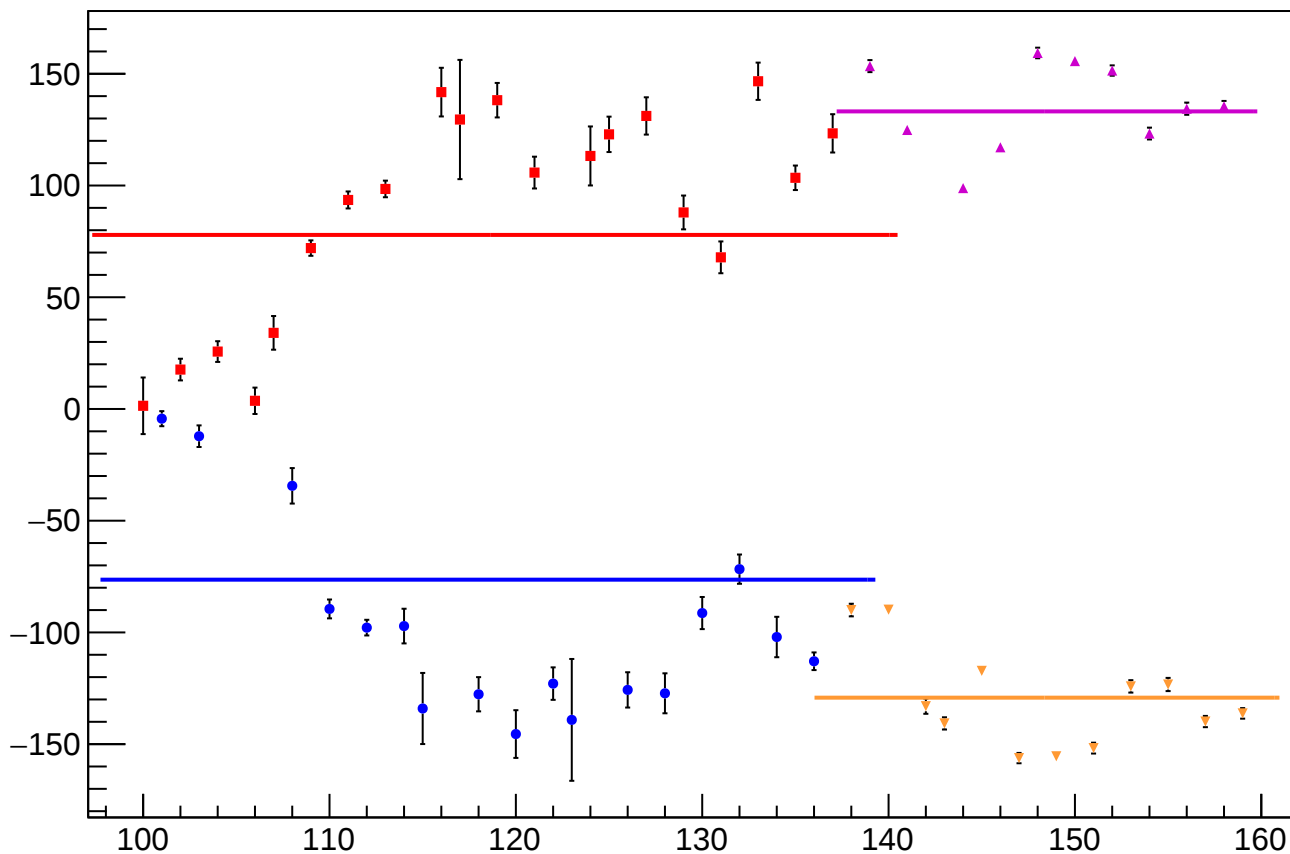
Left In: -20.727 ± 0.493 χ^2/NDF : 599.7/9

23.028 ± 0.411 χ^2/NDF : 1693.6/28

0.787 ± 0.294 χ^2/NDF : 9373.1/58

-22.595 ± 0.421 χ^2/NDF : 1667.0/29

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.392 ± 1.416 $\chi^2/\text{NDF}: 1031.9/16$

Left Out: -129.196 ± 0.689 $\chi^2/\text{NDF}: 1095.1/11$

Right Out: 77.894 ± 1.351 $\chi^2/\text{NDF}: 876.4/19$

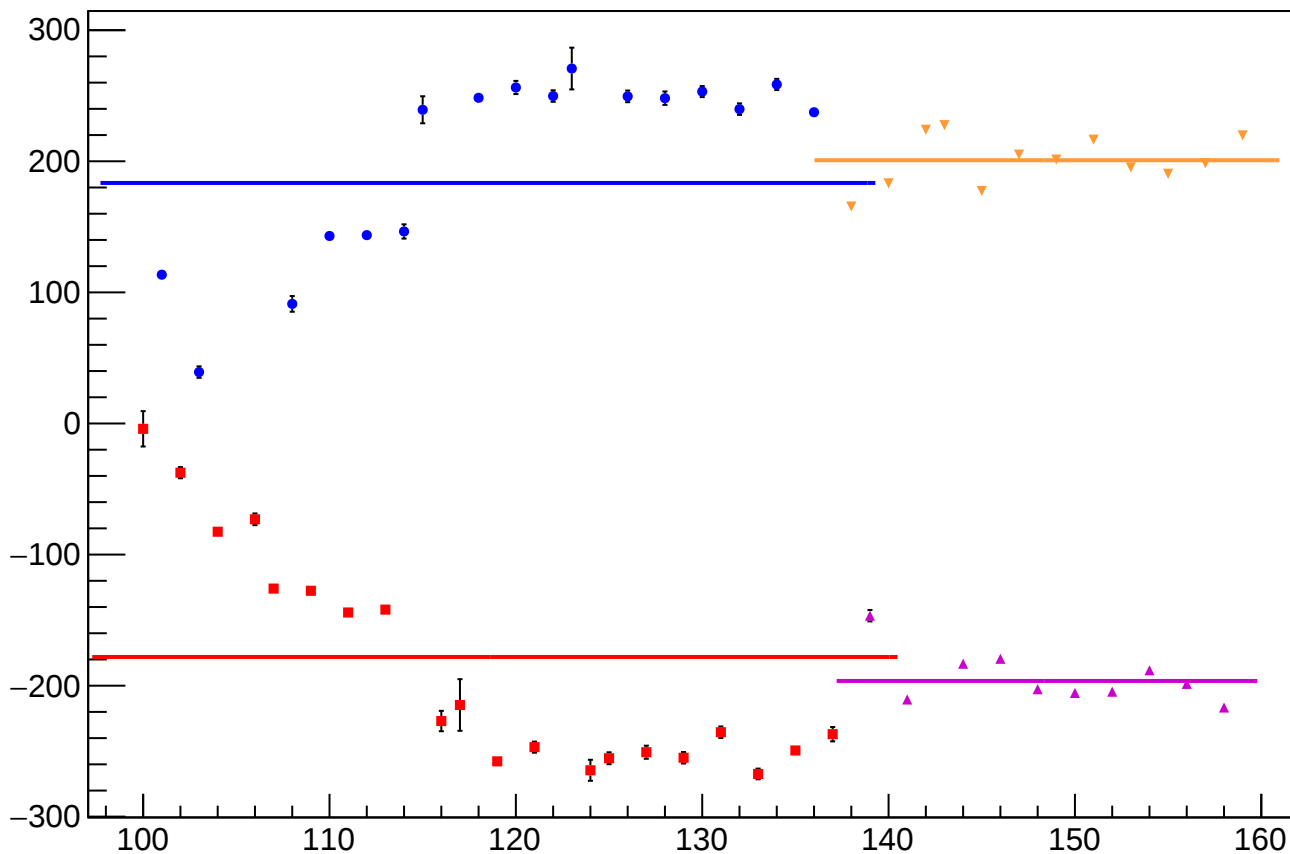
Left In: 133.171 ± 0.706 $\chi^2/\text{NDF}: 790.5/9$

-119.097 ± 0.619 $\chi^2/\text{NDF}: 3251.3/28$

-0.111 ± 0.440 $\chi^2/\text{NDF}: 80810.2/58$

121.317 ± 0.626 $\chi^2/\text{NDF}: 2981.8/29$

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 183.478 $\pm$ 0.919 χ^2 /NDF: 5331.4/16

Left Out: 200.791 $\pm$ 0.573 χ^2 /NDF: 902.0/11

Right Out: -178.092 $\pm$ 0.923 χ^2 /NDF: 6349.2/19

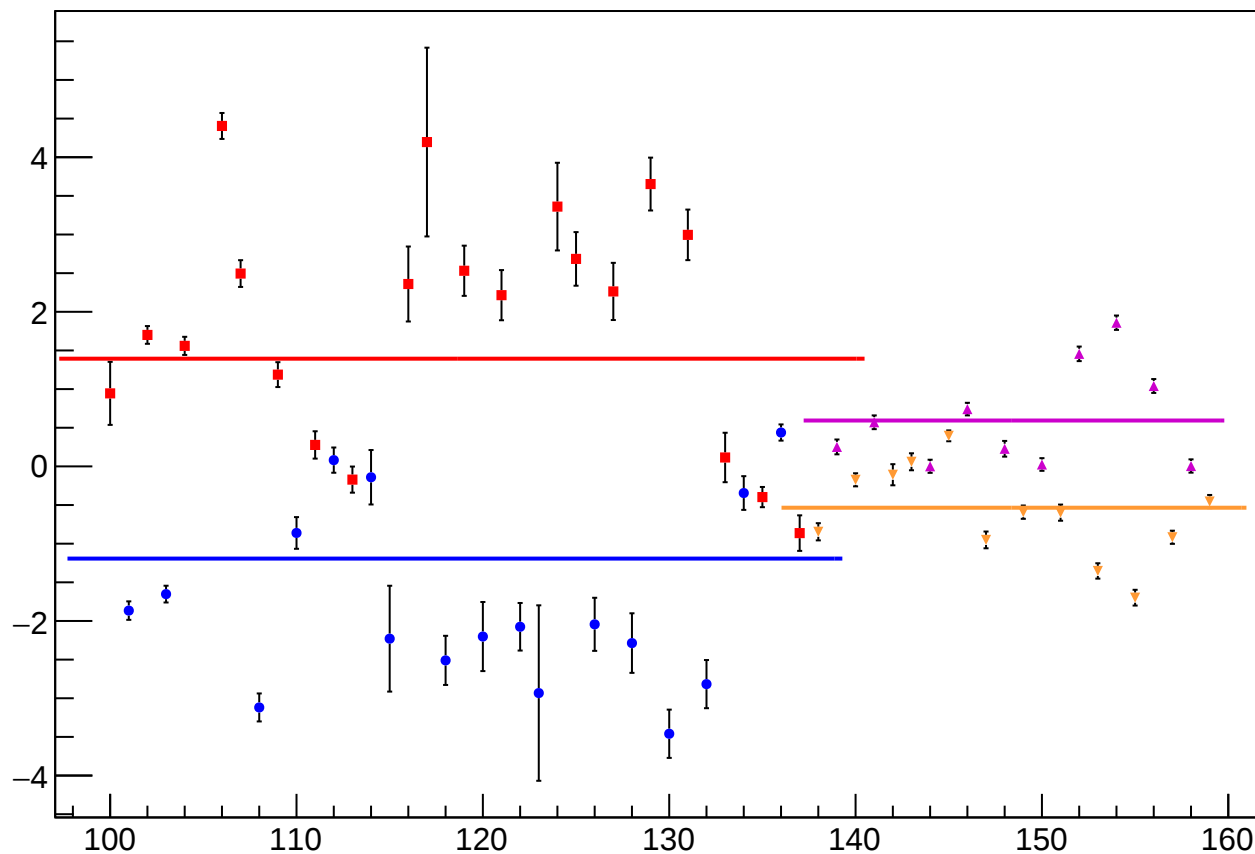
Left In: -196.388 $\pm$ 0.591 χ^2 /NDF: 594.4/9

195.937 $\pm$ 0.486 χ^2 /NDF: 6489.0/28

6.936 $\pm$ 0.348 χ^2 /NDF: 322850.8/58

-191.064 $\pm$ 0.498 χ^2 /NDF: 7222.2/29

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.193 ± 0.048 χ^2/NDF : 621.7/16

Left Out: -0.535 ± 0.027 χ^2/NDF : 474.6/11

Right Out: 1.393 ± 0.046 χ^2/NDF : 925.8/19

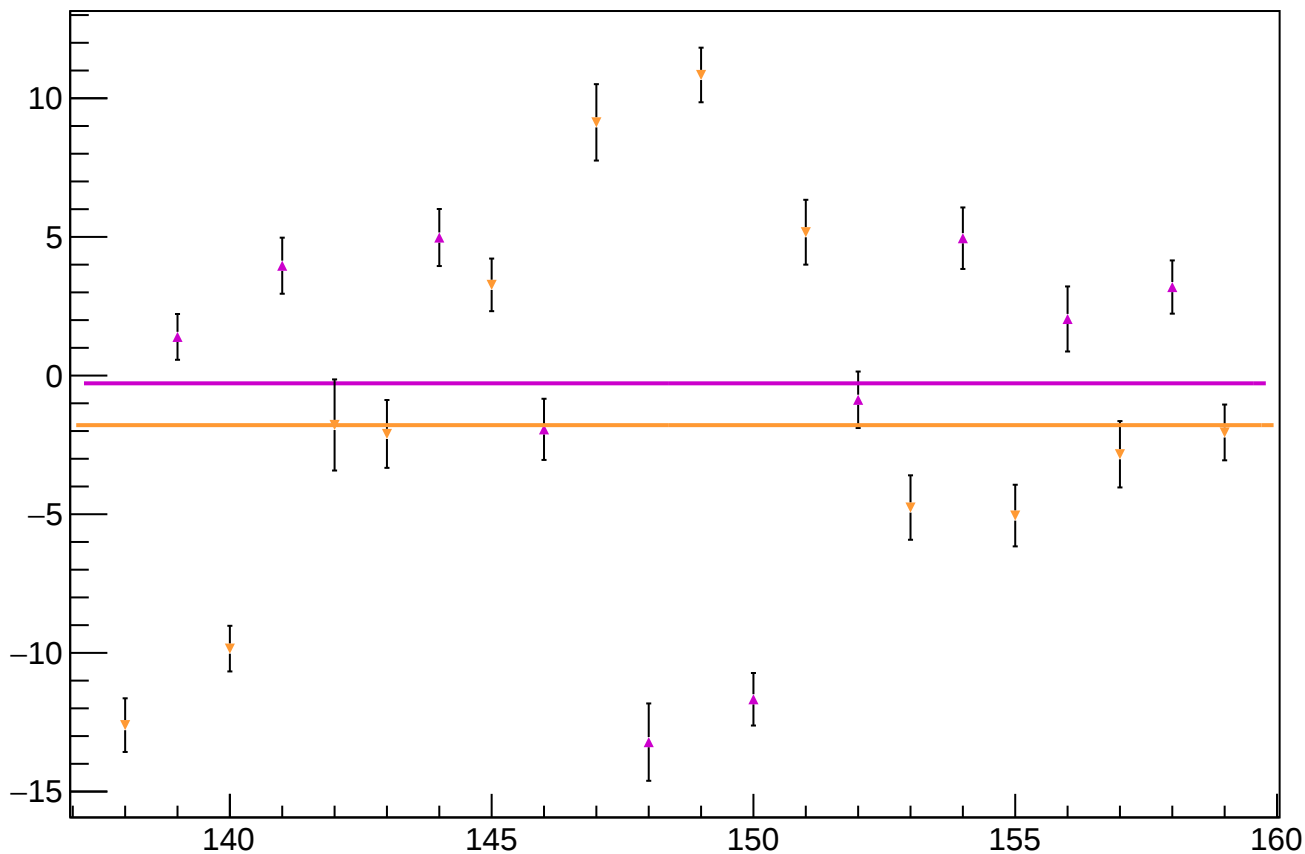
Left In: 0.594 ± 0.028 χ^2/NDF : 466.8/9

-0.695 ± 0.024 χ^2/NDF : 1237.6/28

0.051 ± 0.017 χ^2/NDF : 4846.2/58

0.813 ± 0.024 χ^2/NDF : 1613.8/29

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -1.788+/-0.313 χ^2/NDF : 528.2/11

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

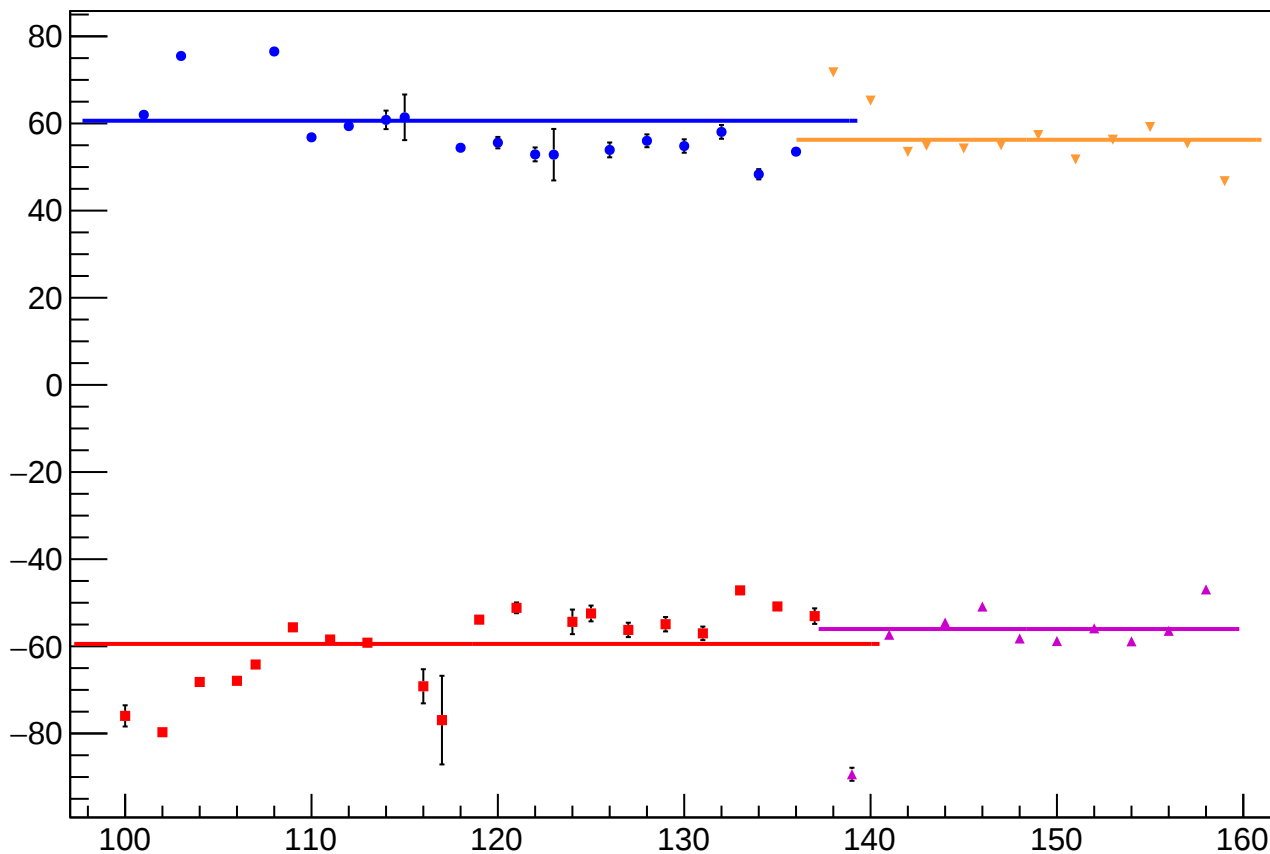
Left In: -0.280+/-0.326 χ^2/NDF : 320.4/9

-1.788+/-0.313 χ^2/NDF : 528.2/11

-1.064+/-0.226 χ^2/NDF : 859.8/21

-0.280+/-0.326 χ^2/NDF : 320.4/9

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.625+/-0.263 χ^2/NDF : 924.6/16

Left Out: 56.259+/-0.222 χ^2/NDF : 659.3/11

Right Out: -59.448+/-0.248 χ^2/NDF : 1326.3/19

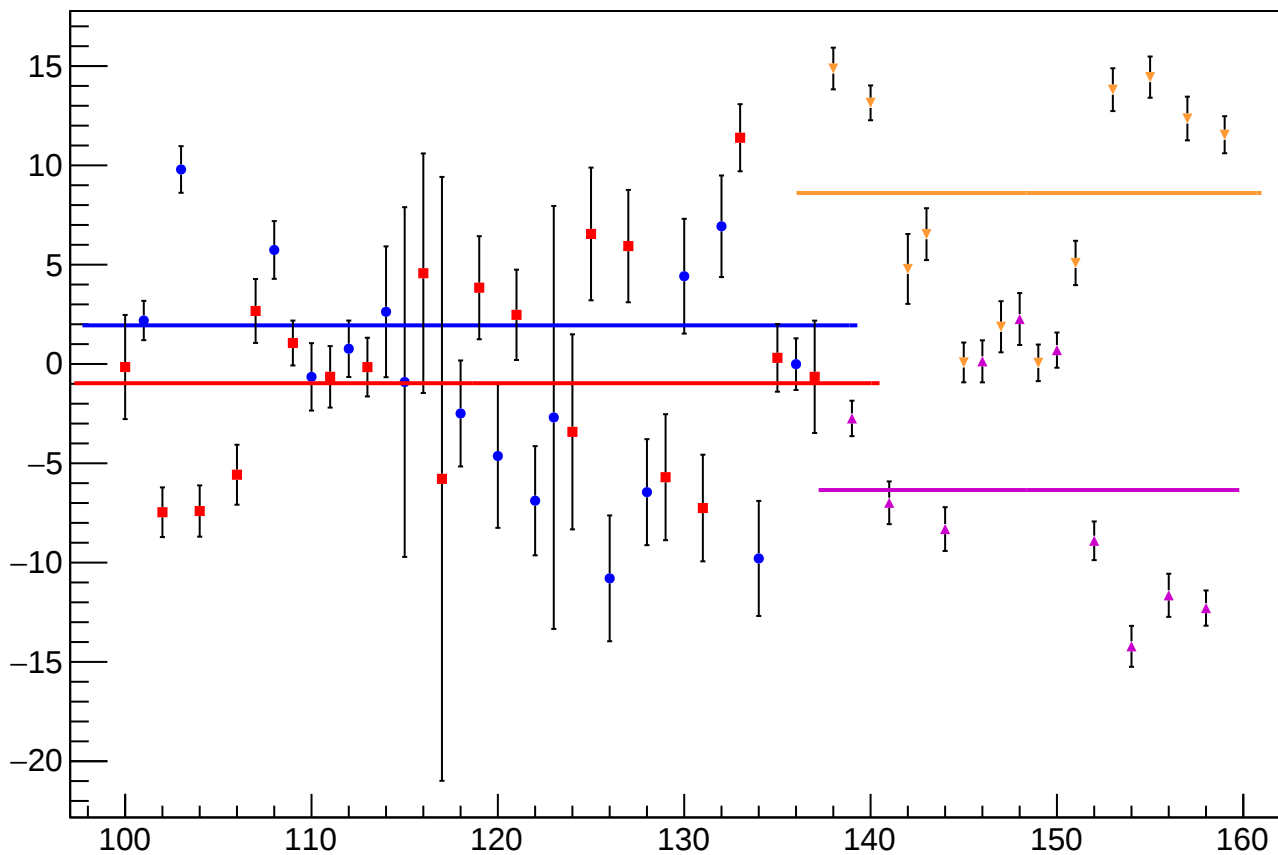
Left In: -56.031+/-0.237 χ^2/NDF : 785.8/9

58.073+/-0.170 χ^2/NDF : 1744.9/28

0.724+/-0.120 χ^2/NDF : 234874.5/58

-57.661+/-0.171 χ^2/NDF : 2211.6/29

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.945 ± 0.459 χ^2/NDF : 120.6/16

Left Out: 8.610 ± 0.309 χ^2/NDF : 342.3/11

Right Out: -0.968 ± 0.424 χ^2/NDF : 149.6/19

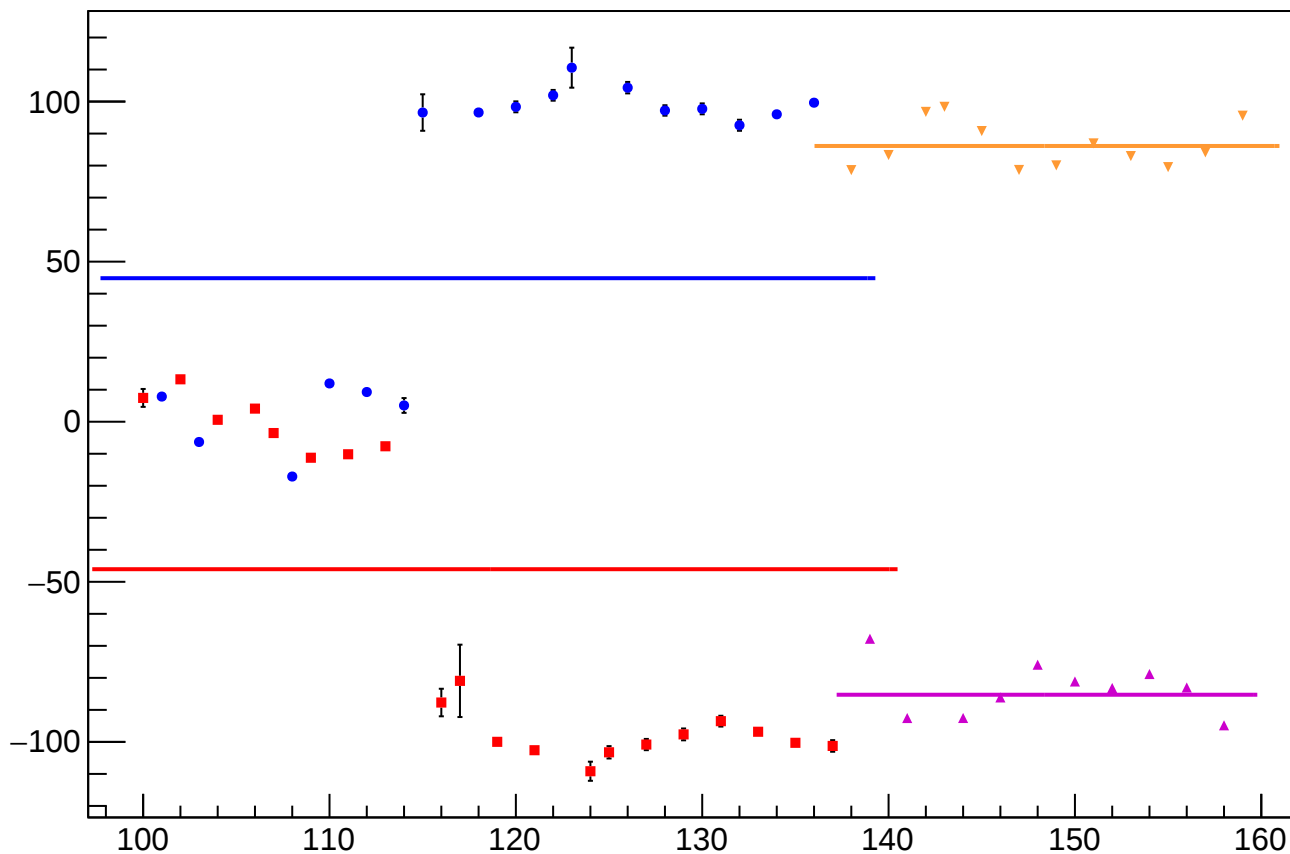
Left In: -6.346 ± 0.319 χ^2/NDF : 297.8/9

6.529 ± 0.256 χ^2/NDF : 608.0/28

1.037 ± 0.181 χ^2/NDF : 2071.6/58

-4.401 ± 0.255 χ^2/NDF : 550.1/29

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 44.829+/-0.305 χ^2/NDF : 24763.1/16

Left Out: 86.126+/-0.262 χ^2/NDF : 665.7/11

Right Out: -46.062+/-0.289 χ^2/NDF : 28272.9/19

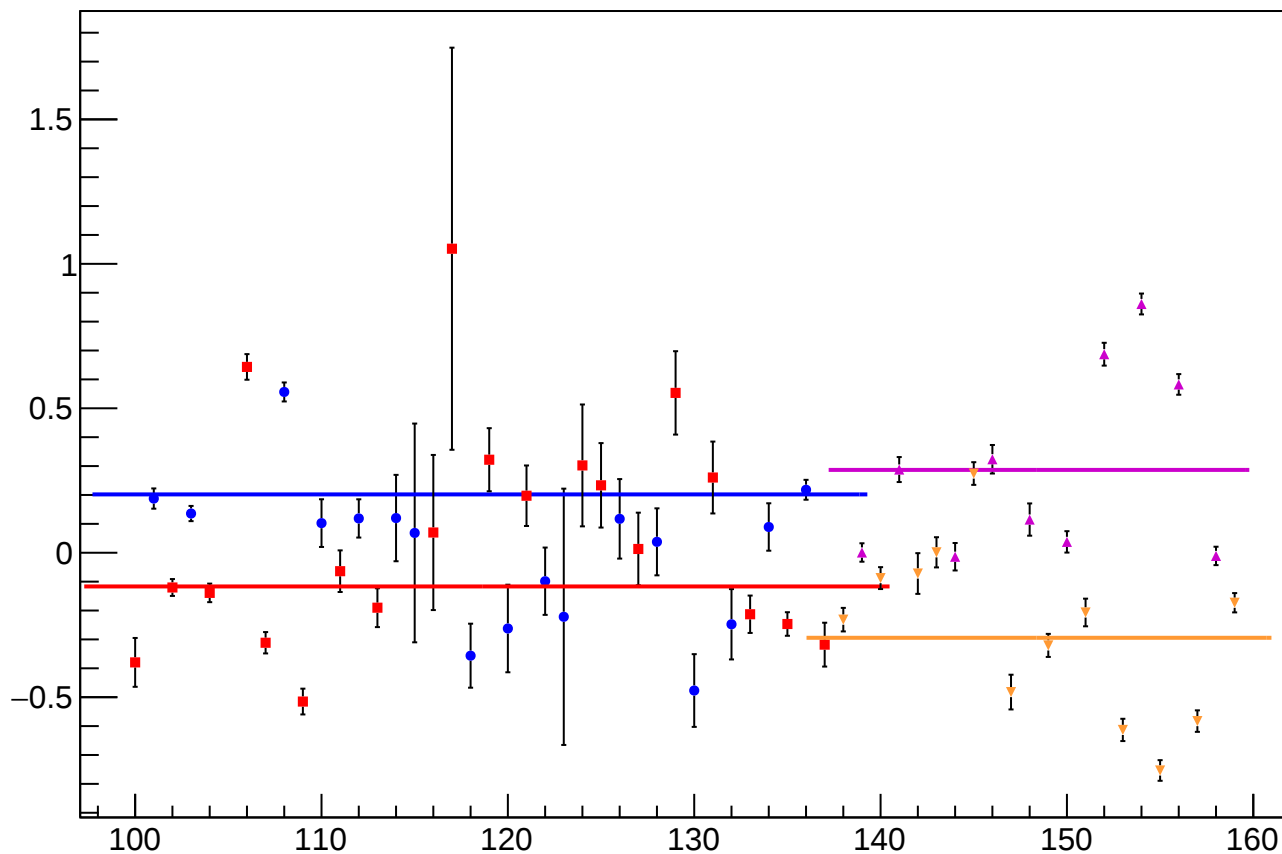
Left In: -85.271+/-0.277 χ^2/NDF : 666.4/9

68.565+/-0.199 χ^2/NDF : 35989.7/28

1.454+/-0.141 χ^2/NDF : 304254.5/58

-66.546+/-0.200 χ^2/NDF : 38529.9/29

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.014 χ^2/NDF : 216.0/16

Left Out: -0.294 ± 0.012 χ^2/NDF : 604.5/11

Right Out: -0.117 ± 0.013 χ^2/NDF : 502.5/19

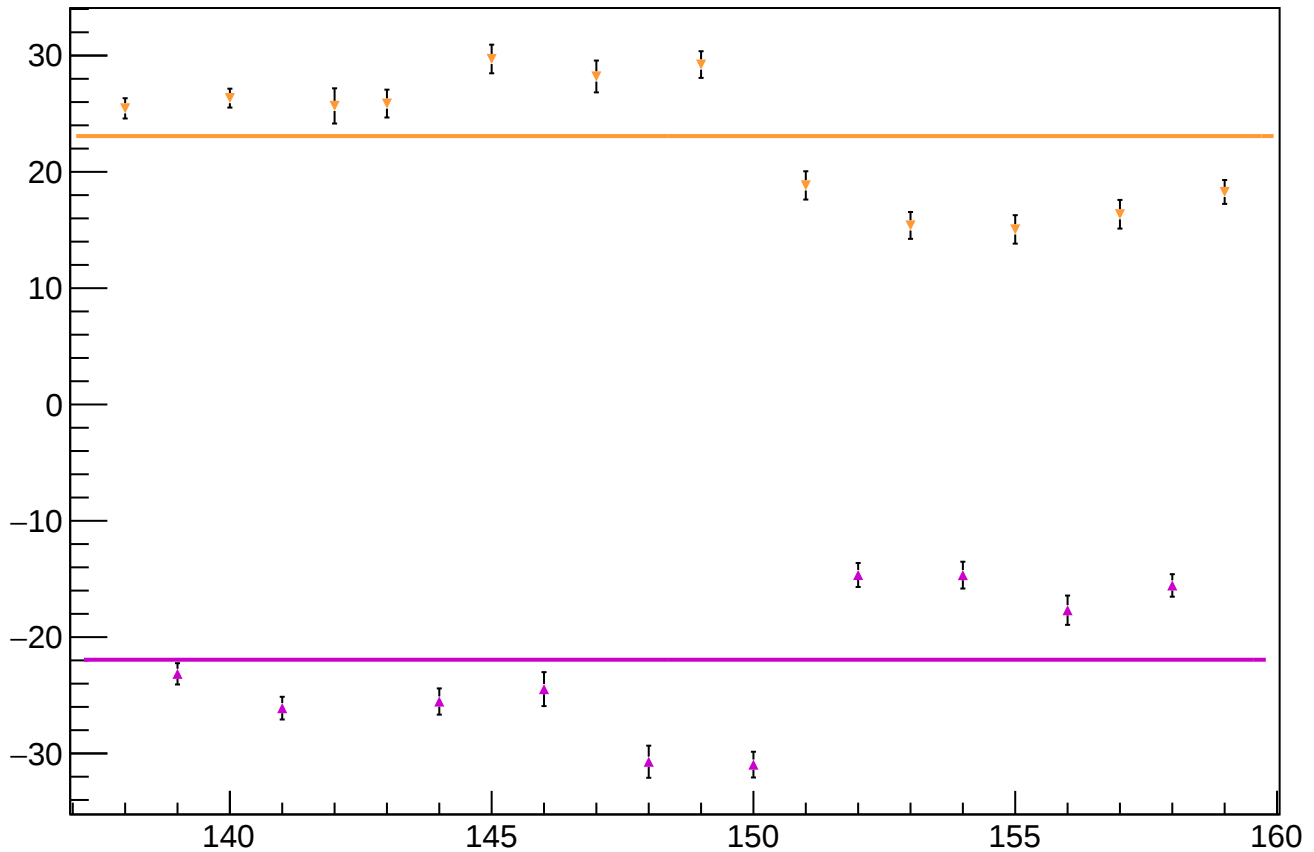
Left In: 0.287 ± 0.012 χ^2/NDF : 687.4/9

-0.085 ± 0.009 χ^2/NDF : 1541.3/28

0.008 ± 0.006 χ^2/NDF : 3438.8/58

0.096 ± 0.009 χ^2/NDF : 1696.4/29

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 23.077 +/- 0.322 χ^2/NDF : 254.8/11

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

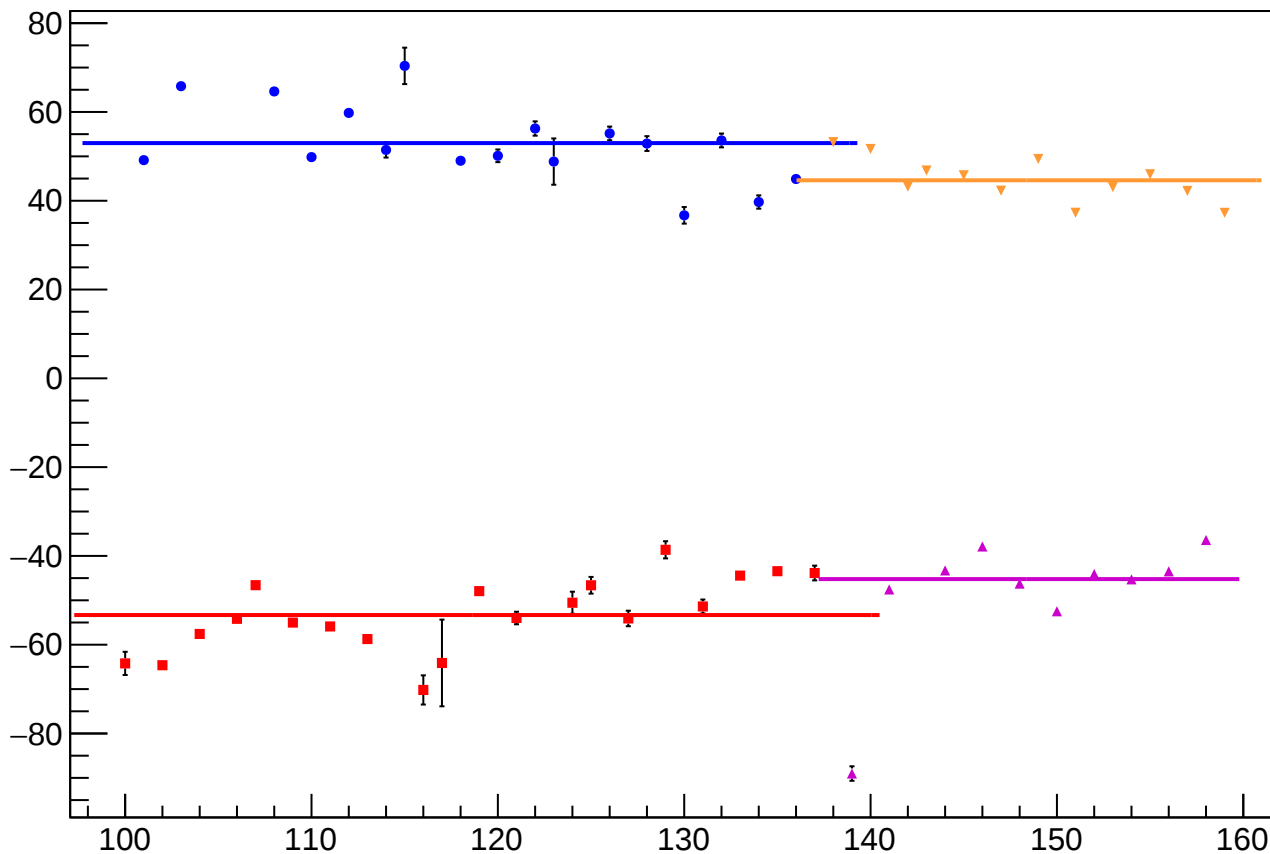
Left In: -21.943 +/- 0.348 χ^2/NDF : 284.6/9

23.077 +/- 0.322 χ^2/NDF : 254.8/11

2.313 +/- 0.237 χ^2/NDF : 9534.3/21

-21.943 +/- 0.348 χ^2/NDF : 284.6/9

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.989+/-0.211 χ^2/NDF : 1198.0/16

Left Out: 44.607+/-0.228 χ^2/NDF : 490.9/11

Right Out: -53.320+/-0.227 χ^2/NDF : 876.8/19

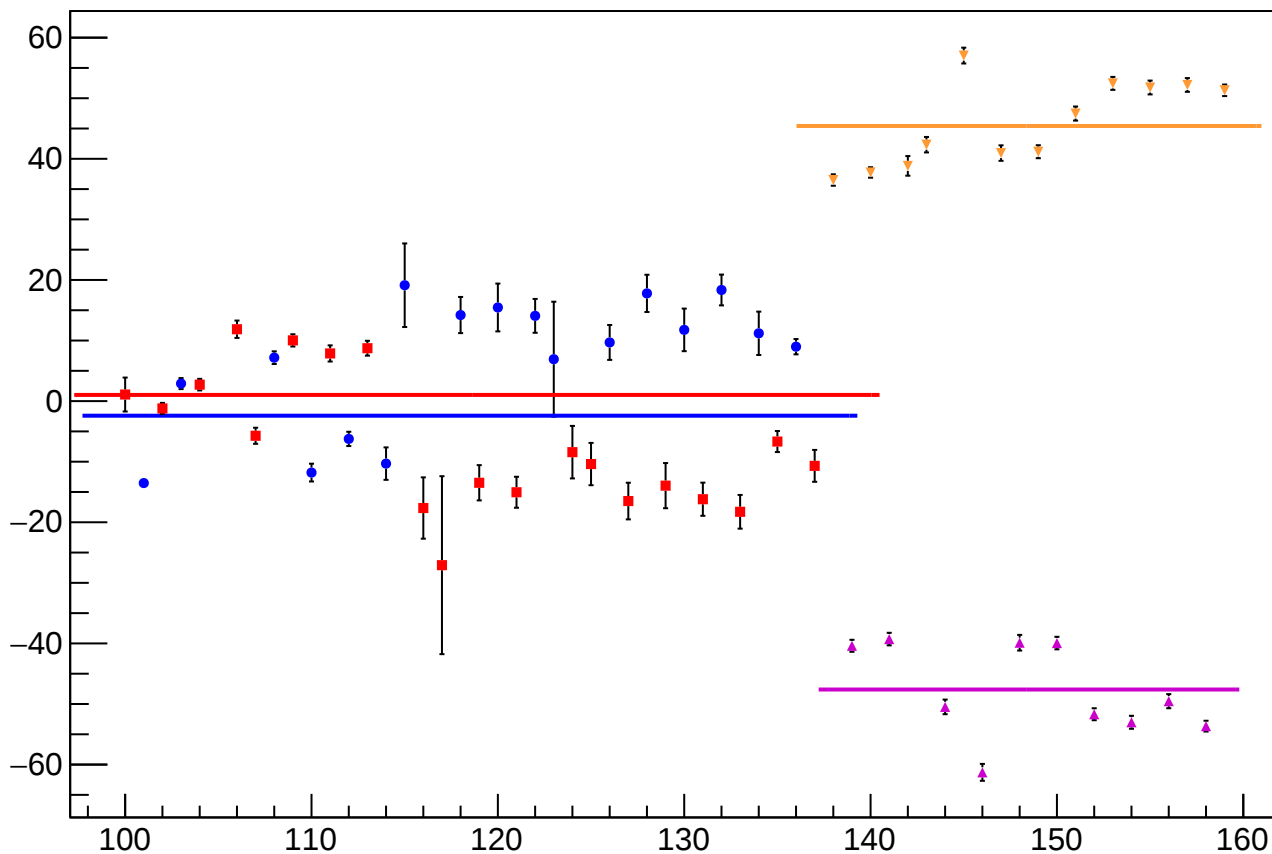
Left In: -45.221+/-0.250 χ^2/NDF : 1080.7/9

49.118+/-0.155 χ^2/NDF : 2418.6/28

3.726+/-0.114 χ^2/NDF : 192279.1/58

-49.659+/-0.168 χ^2/NDF : 2534.8/29

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.409 ± 0.364 χ^2/NDF : 834.6/16

Left Out: 45.420 ± 0.320 χ^2/NDF : 448.5/11

Right Out: 1.021 ± 0.377 χ^2/NDF : 511.2/19

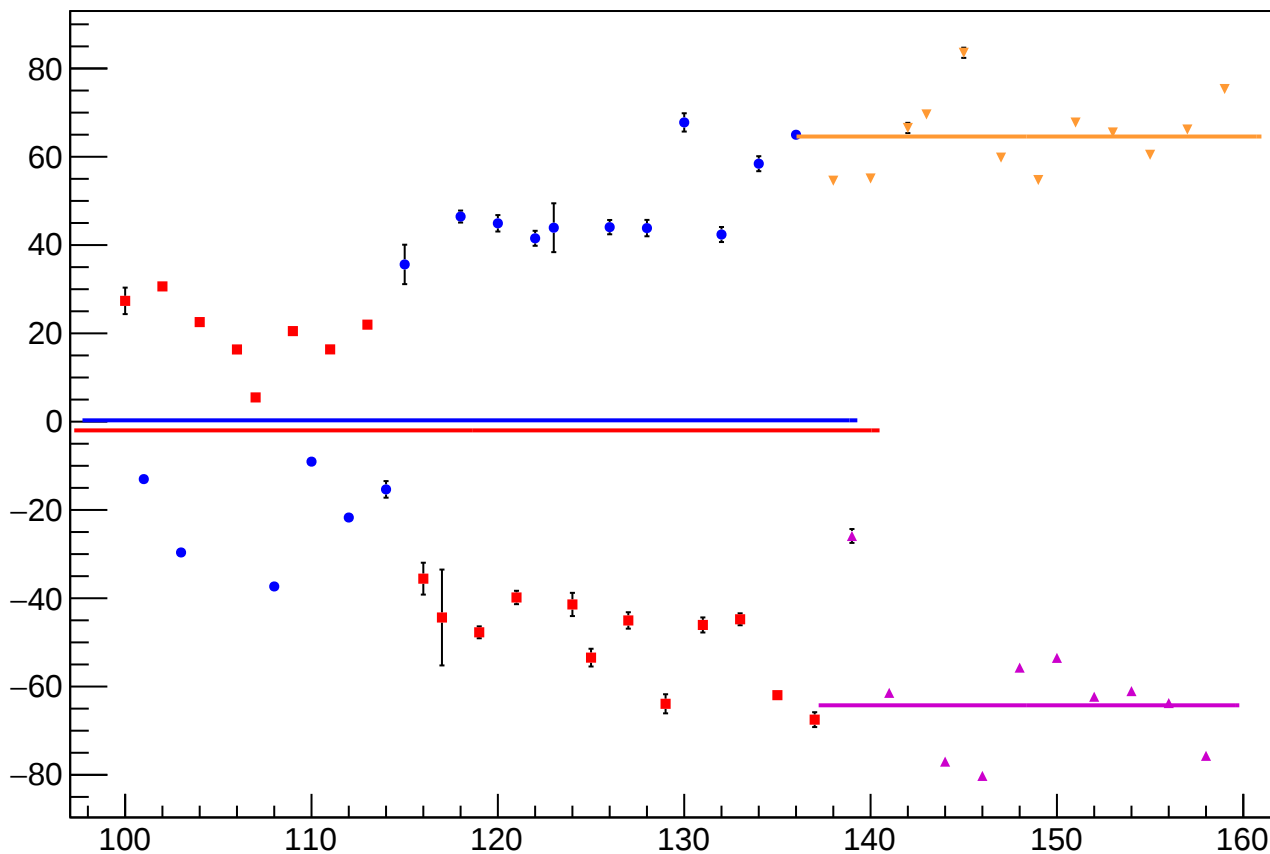
Left In: -47.609 ± 0.342 χ^2/NDF : 400.9/9

24.600 ± 0.240 χ^2/NDF : 11015.9/28

0.763 ± 0.174 χ^2/NDF : 41809.1/58

-25.676 ± 0.253 χ^2/NDF : 10049.8/29

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.300 ± 0.247 $\chi^2/\text{NDF}: 18259.2/16$

Left Out: 64.585 ± 0.270 $\chi^2/\text{NDF}: 924.5/11$

Right Out: -1.978 ± 0.267 $\chi^2/\text{NDF}: 15465.9/19$

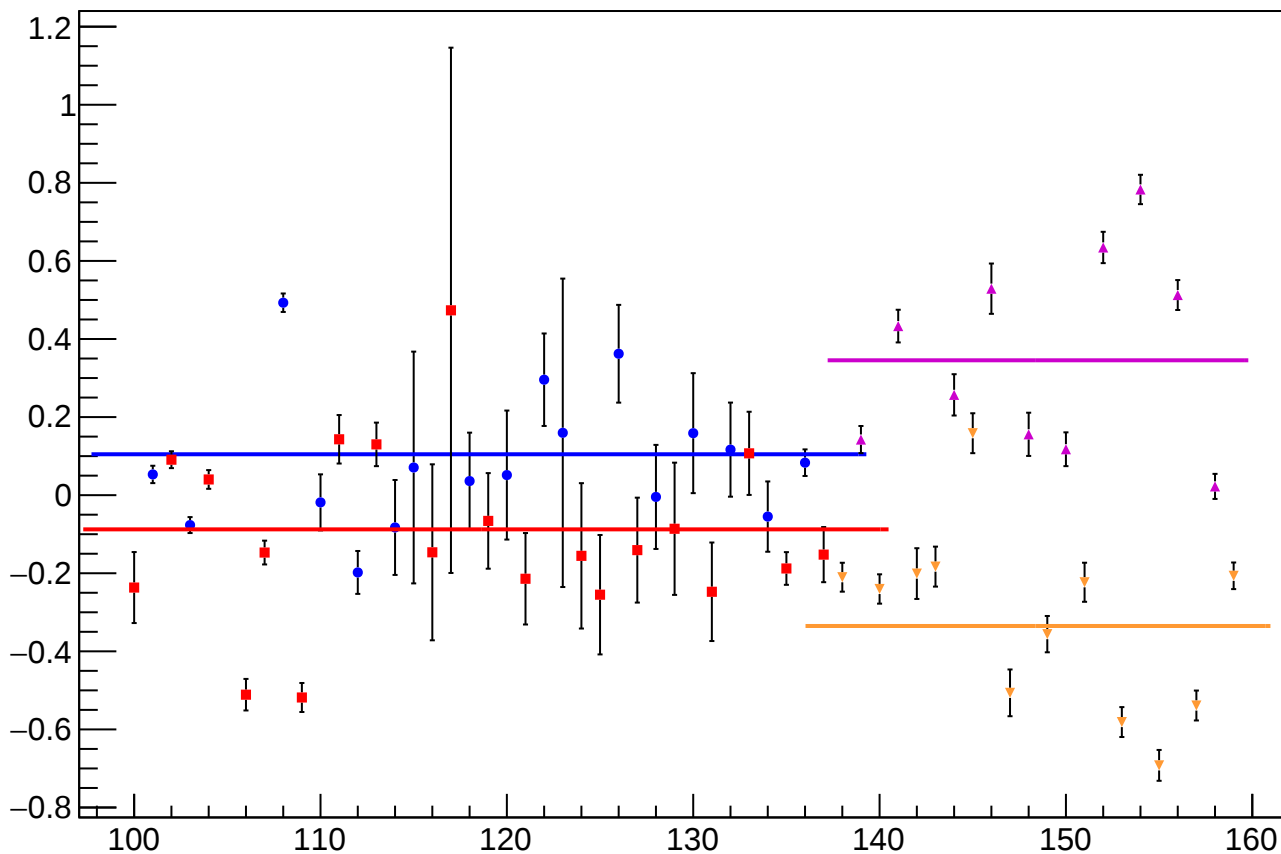
Left In: -64.249 ± 0.293 $\chi^2/\text{NDF}: 1510.3/9$

29.626 ± 0.182 $\chi^2/\text{NDF}: 49979.8/28$

2.042 ± 0.134 $\chi^2/\text{NDF}: 141215.5/58$

-30.172 ± 0.197 $\chi^2/\text{NDF}: 41687.8/29$

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 χ^2/NDF : 400.8/16

Left Out: -0.335 ± 0.012 χ^2/NDF : 302.9/11

Right Out: -0.088 ± 0.011 χ^2/NDF : 391.6/19

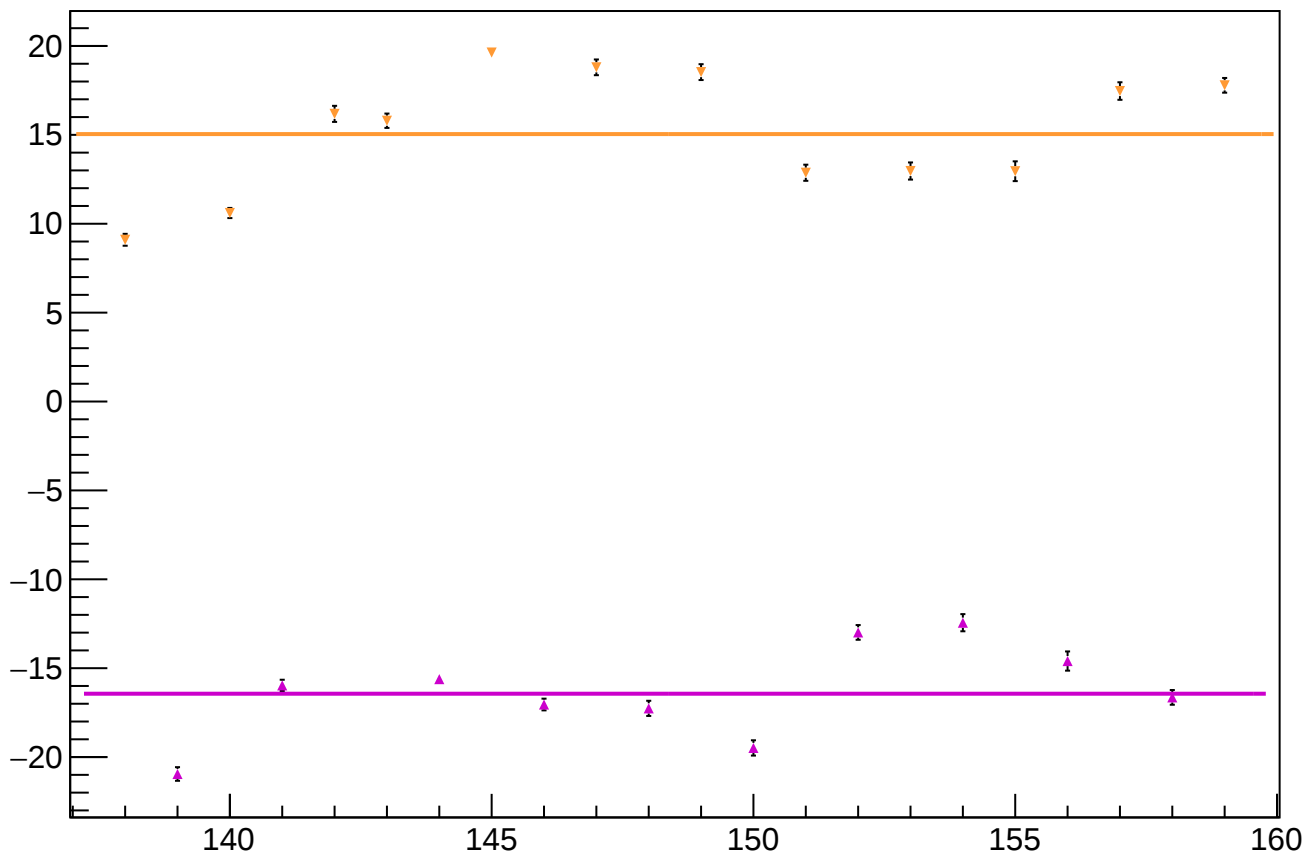
Left In: 0.345 ± 0.013 χ^2/NDF : 396.6/9

-0.089 ± 0.008 χ^2/NDF : 1402.0/28

-0.000 ± 0.006 χ^2/NDF : 3065.7/58

0.092 ± 0.008 χ^2/NDF : 1429.4/29

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 15.043±/-0.113 χ^2/NDF :1104.4/11

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

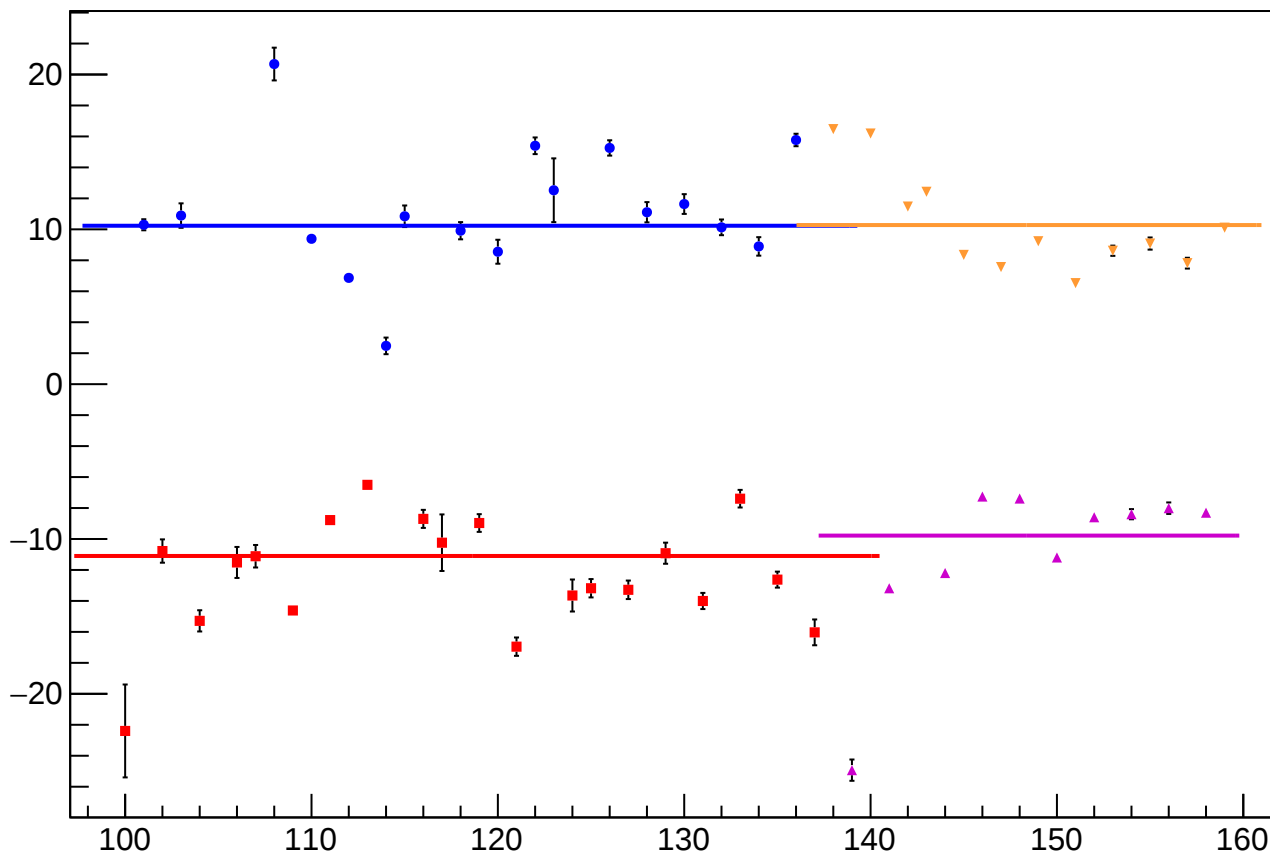
Left In: -16.436±/-0.121 χ^2/NDF :356.1/9

15.043±/-0.113 χ^2/NDF : 1104.4/11

0.307±/-0.083 χ^2/NDF : 37654.1/21

-16.436±/-0.121 χ^2/NDF : 356.1/9

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.232 ± 0.119 χ^2/NDF : 876.7/16

Left Out: 10.277 ± 0.079 χ^2/NDF : 1644.0/11

Right Out: -11.096 ± 0.116 χ^2/NDF : 818.0/19

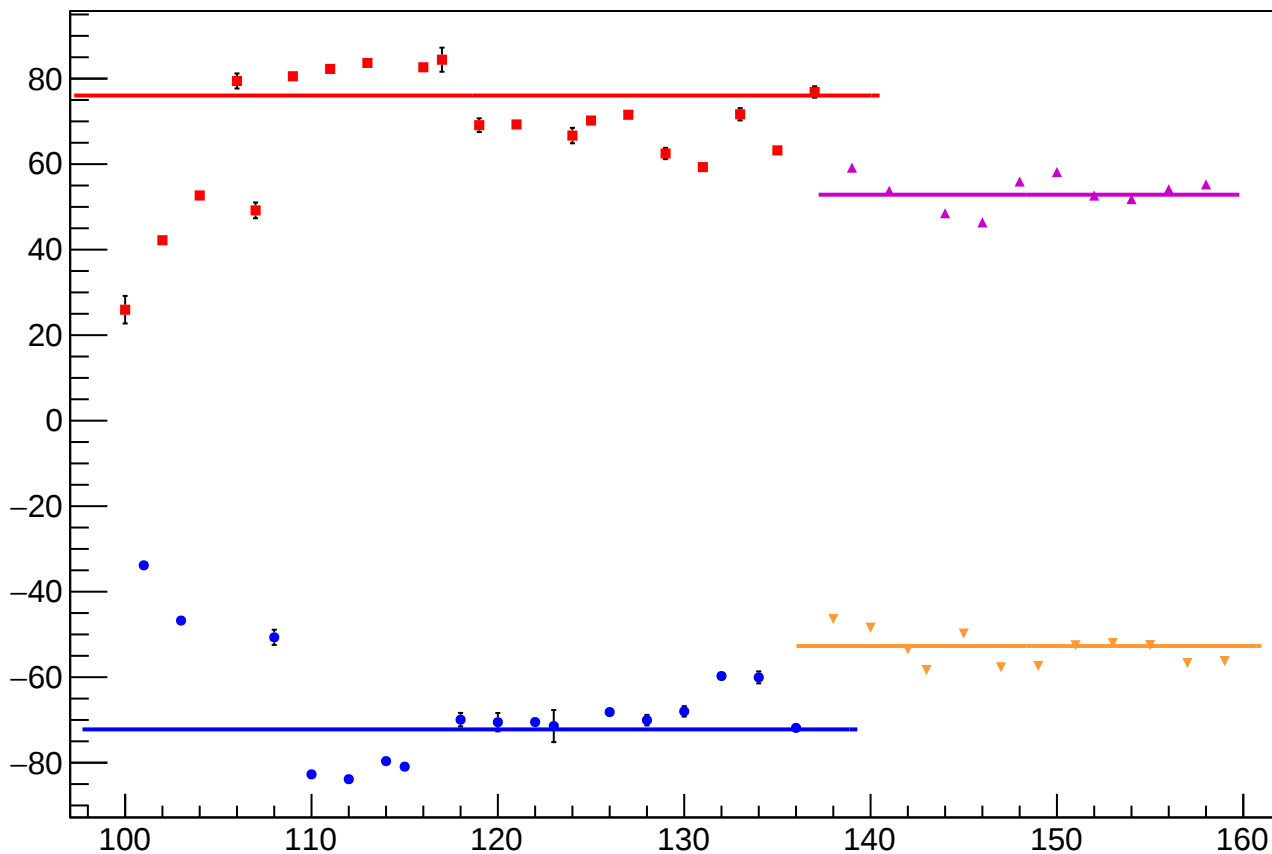
Left In: -9.781 ± 0.083 χ^2/NDF : 1257.5/9

10.263 ± 0.066 χ^2/NDF : 2520.8/28

0.245 ± 0.047 χ^2/NDF : 51943.4/58

-10.223 ± 0.067 χ^2/NDF : 2160.7/29

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.211 $\pm$ 0.198 χ^2 /NDF: 5566.2/16

Left Out: -52.701 $\pm$ 0.114 χ^2 /NDF:1206.7/11

Right Out: 76.044 $\pm$ 0.181 χ^2 /NDF: 3472.2/19

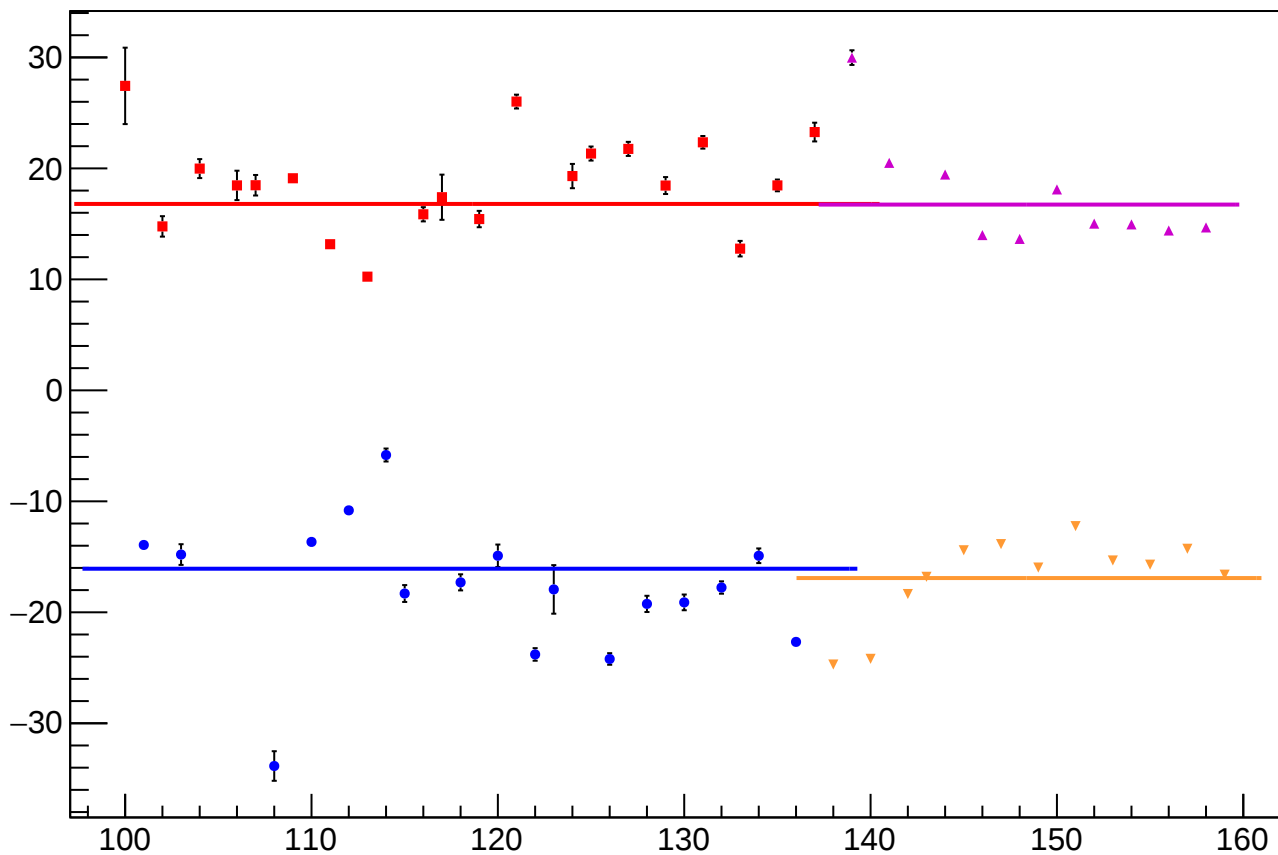
Left In: 52.851 $\pm$ 0.119 χ^2 /NDF:1148.0/9

-57.555 $\pm$ 0.099 χ^2 /NDF: 14067.2/28

0.646 $\pm$ 0.070 χ^2 /NDF: 731149.2/58

59.912 $\pm$ 0.100 χ^2 /NDF: 16089.5/29

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.073 ± 0.133 χ^2/NDF : 1640.5/16

Left Out: -16.914 ± 0.095 χ^2/NDF : 1602.4/11

Right Out: 16.797 ± 0.128 χ^2/NDF : 1216.1/19

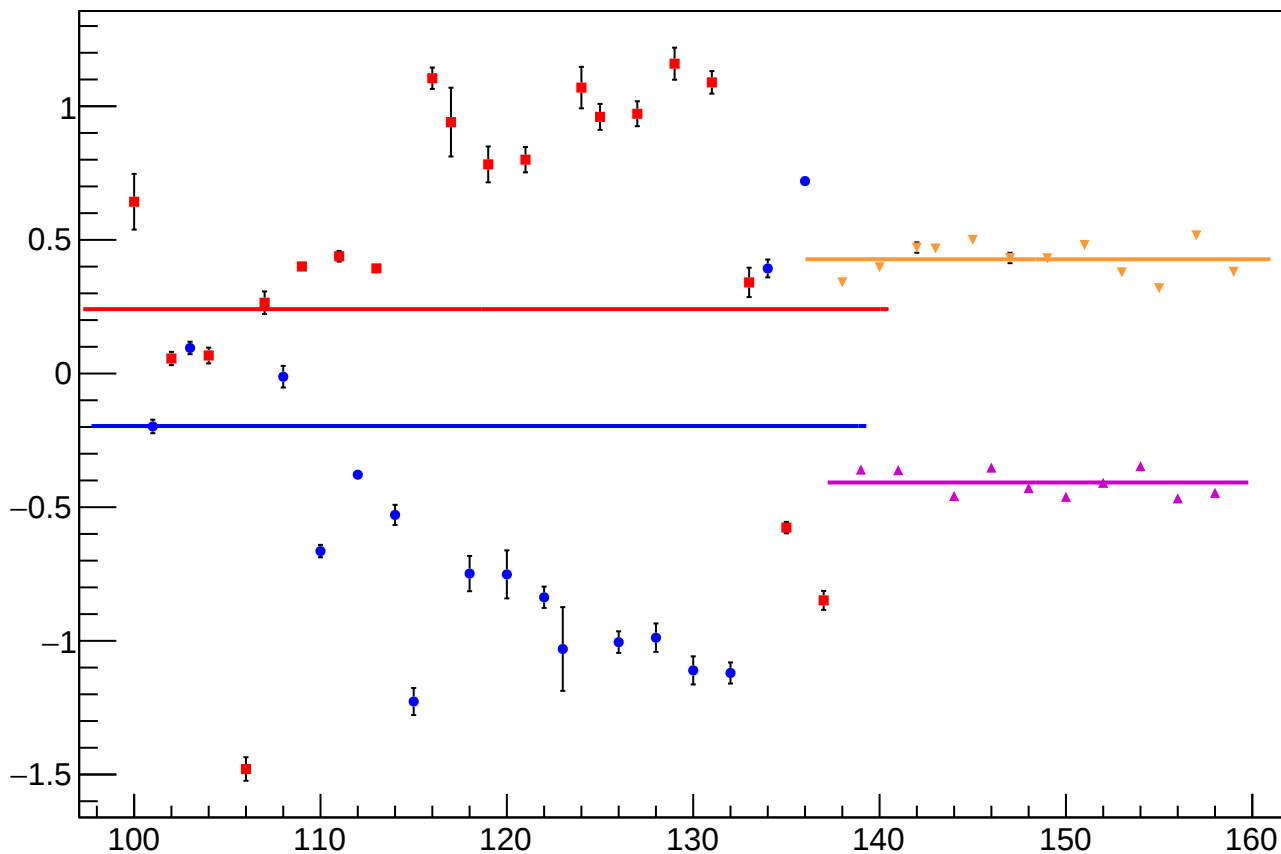
Left In: 16.739 ± 0.100 χ^2/NDF : 1090.0/9

-16.629 ± 0.077 χ^2/NDF : 3269.5/28

-0.253 ± 0.055 χ^2/NDF : 97529.7/58

16.761 ± 0.079 χ^2/NDF : 2306.2/29

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.196+/-0.008 χ^2/NDF : 6323.5/16

Left Out: 0.427+/-0.005 χ^2/NDF :190.7/11

Right Out: 0.241+/-0.007 χ^2/NDF : 6218.3/19

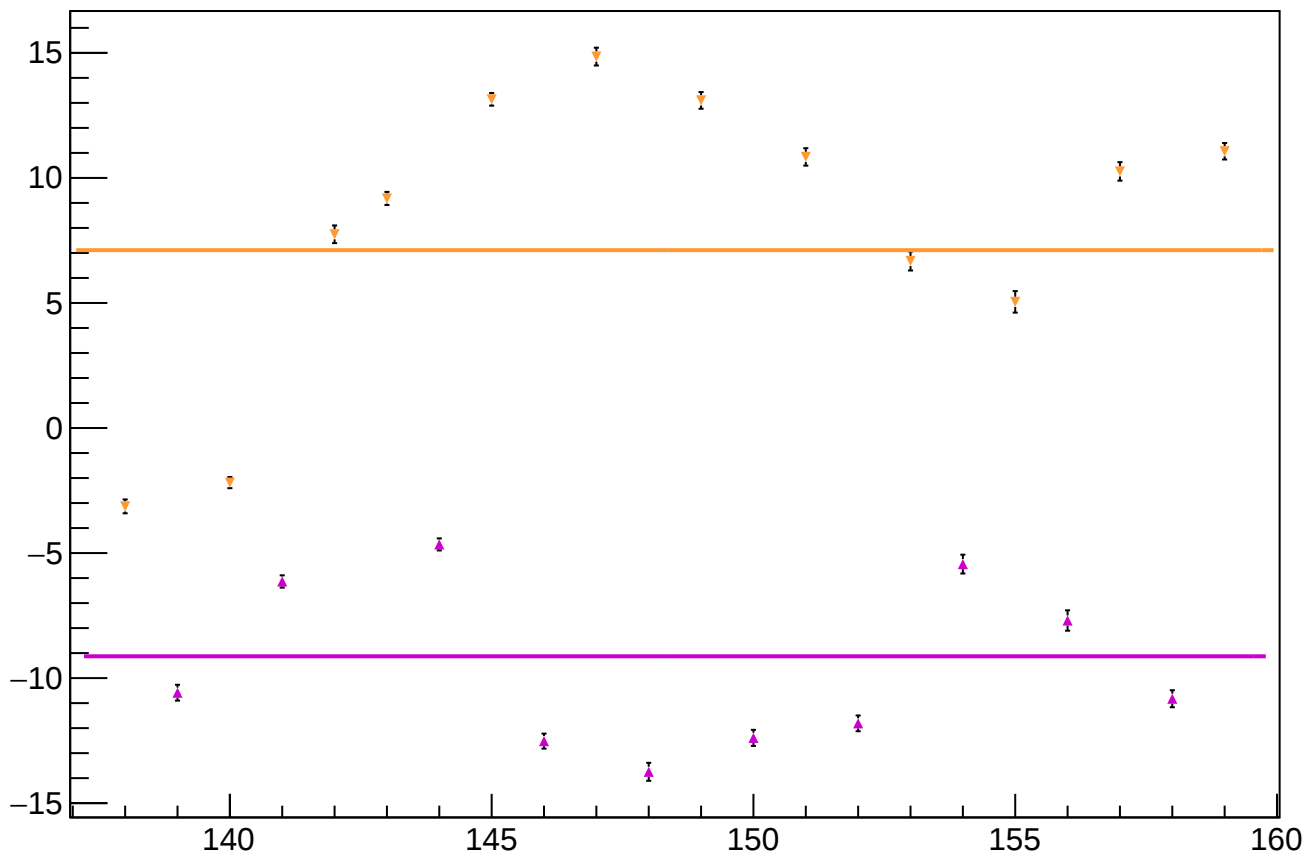
Left In: -0.408+/-0.005 χ^2/NDF :99.1/9

0.263+/-0.004 χ^2/NDF : 11551.8/28

0.032+/-0.003 χ^2/NDF : 30833.7/58

-0.209+/-0.004 χ^2/NDF : 12001.1/29

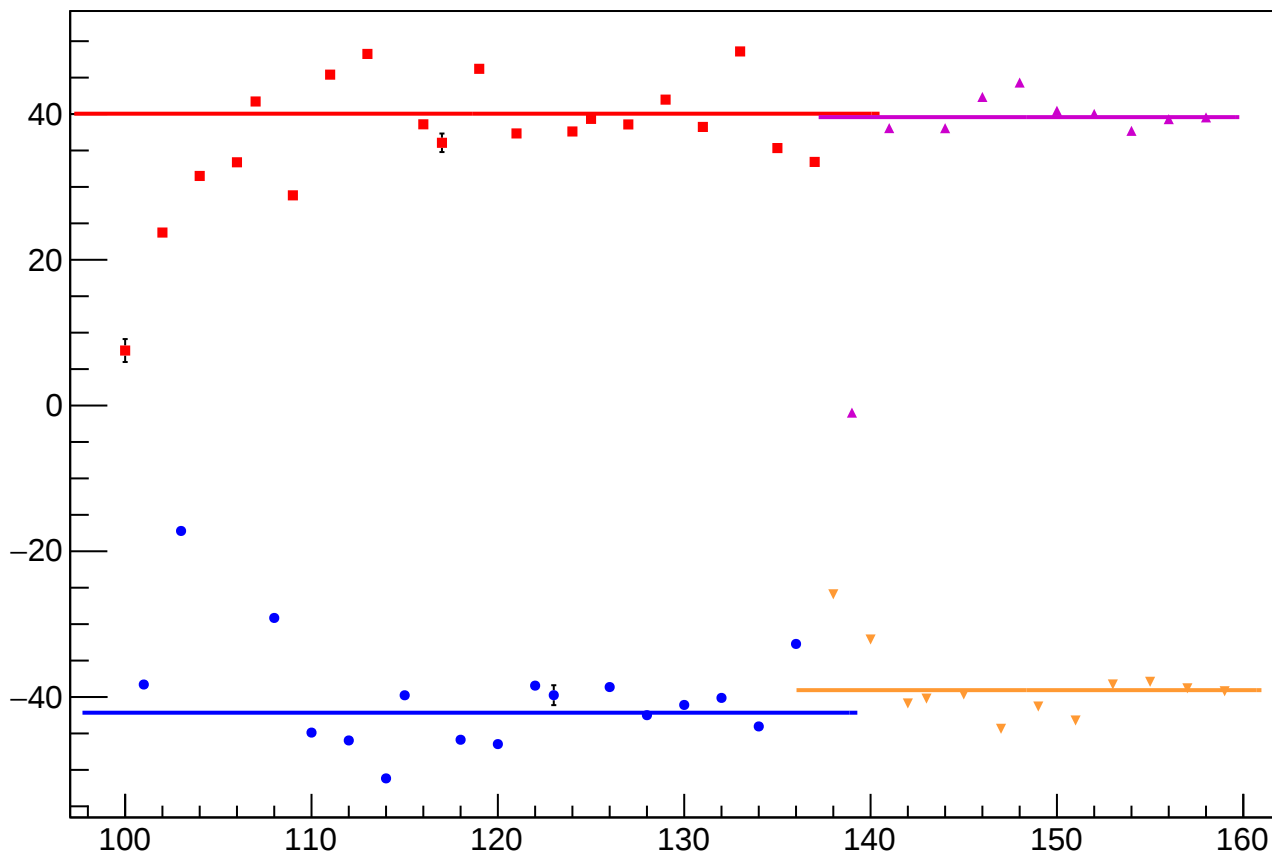
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 7.111 $\pm$ 0.089 χ^2 /NDF:4888.8/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -9.128 $\pm$ 0.098 χ^2 /NDF:1114.5/9

7.111 $\pm$ 0.089 χ^2 /NDF: 4888.8/11
 -0.255 $\pm$ 0.066 χ^2 /NDF: 20982.2/21
 -9.128 $\pm$ 0.098 χ^2 /NDF: 1114.5/9

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.153 ± 0.078 χ^2/NDF : 6557.8/16

Left Out: -39.058 ± 0.062 χ^2/NDF : 5497.9/11

Right Out: 40.049 ± 0.073 χ^2/NDF : 11332.1/19

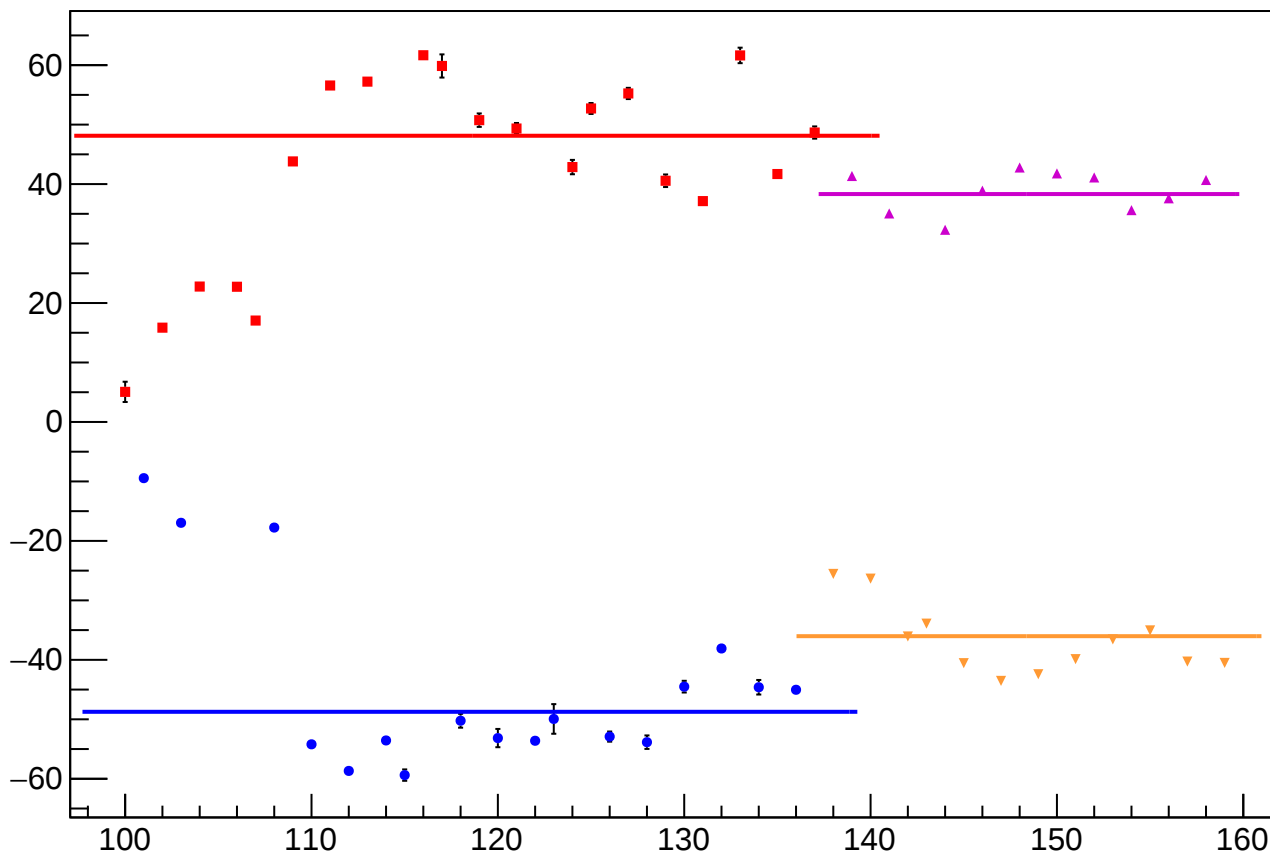
Left In: 39.578 ± 0.068 χ^2/NDF : 6293.8/9

-40.260 ± 0.049 χ^2/NDF : 13018.1/28

-1.070 ± 0.035 χ^2/NDF : 1357896.4/58

39.798 ± 0.050 χ^2/NDF : 17648.4/29

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.737 ± 0.125 χ^2/NDF : 14658.1/16

Left Out: -36.021 ± 0.090 χ^2/NDF : 4665.1/11

Right Out: 48.127 ± 0.107 χ^2/NDF : 11769.6/19

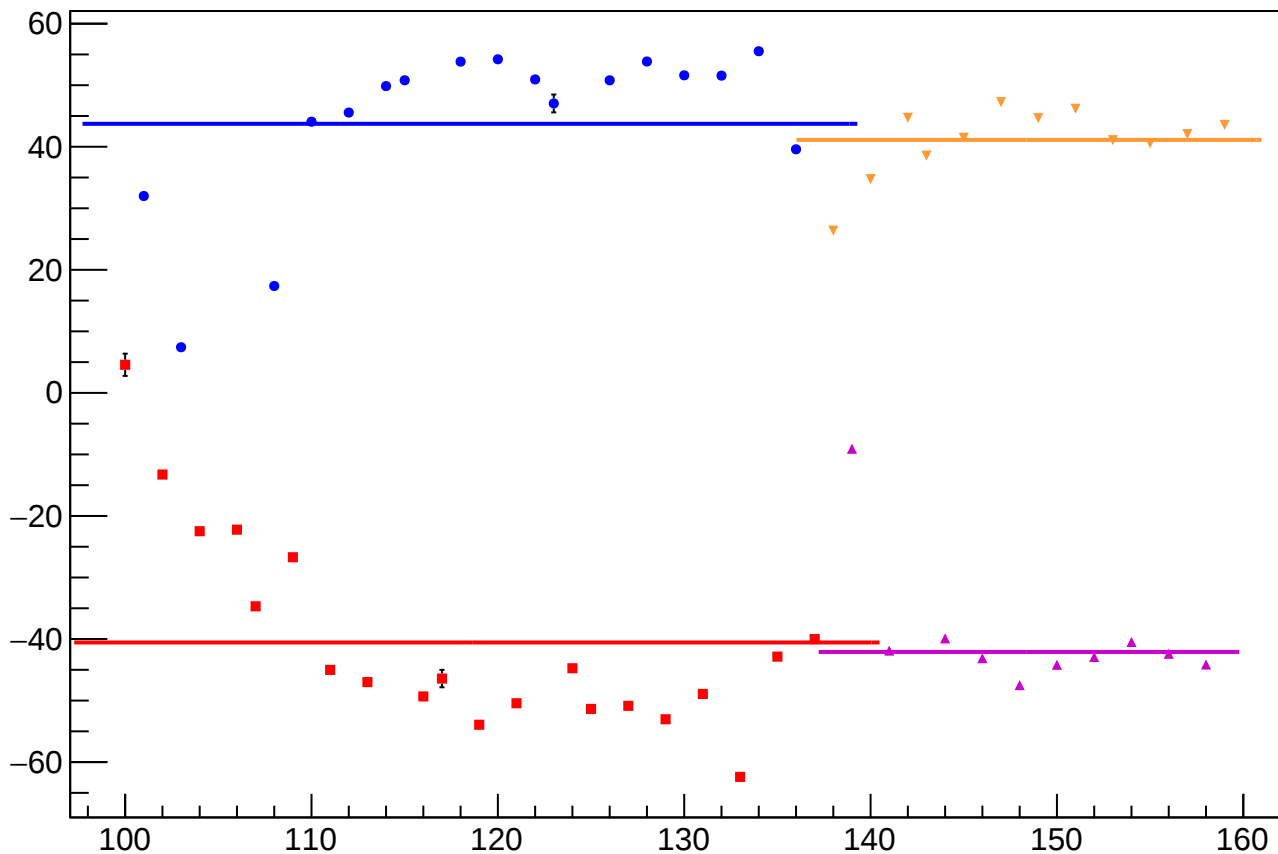
Left In: 38.323 ± 0.097 χ^2/NDF : 1293.7/9

-40.365 ± 0.073 χ^2/NDF : 26184.4/28

1.718 ± 0.051 χ^2/NDF : 703662.4/58

42.741 ± 0.072 χ^2/NDF : 17669.3/29

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.731 ± 0.087 $\chi^2/\text{NDF}: 10567.7/16$

Left Out: 41.115 ± 0.075 $\chi^2/\text{NDF}: 4780.3/11$

Right Out: -40.556 ± 0.080 $\chi^2/\text{NDF}: 17618.6/19$

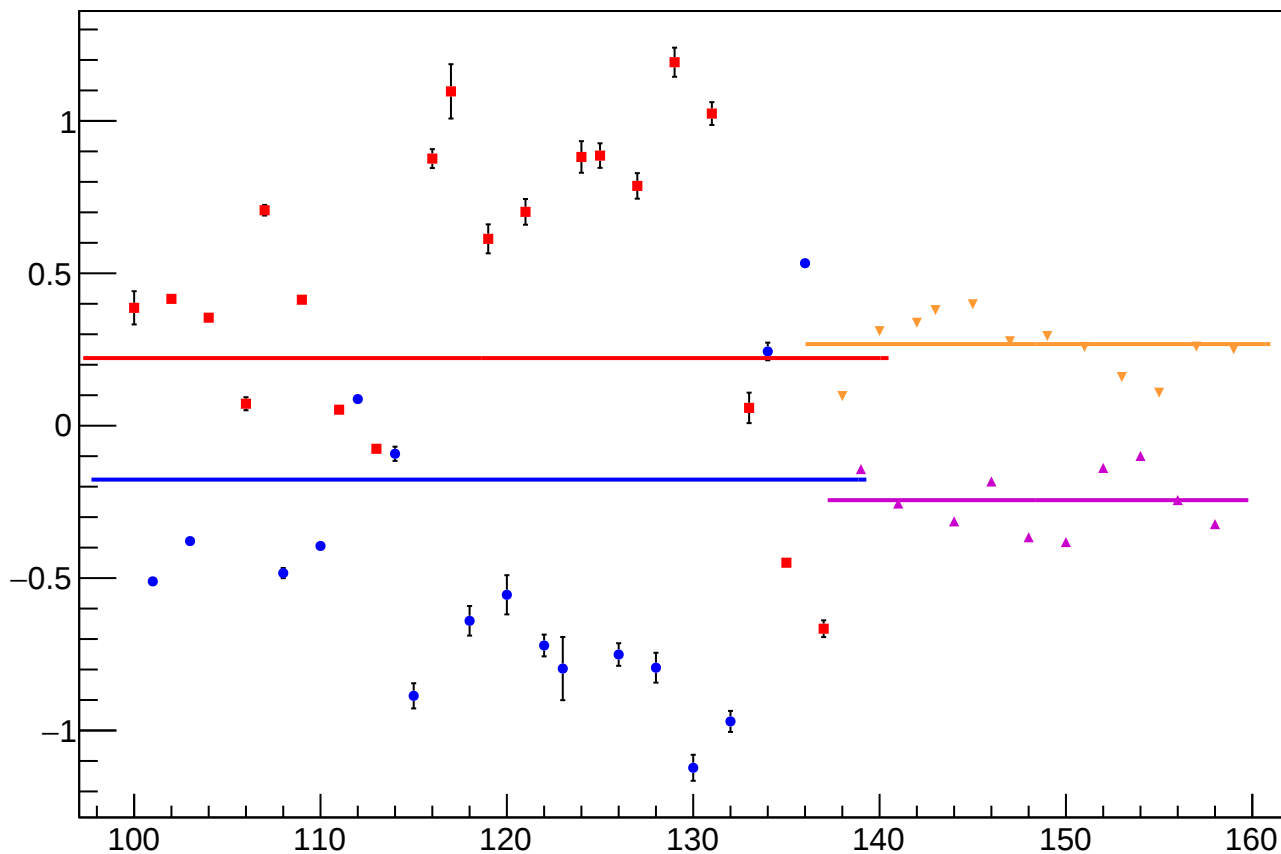
Left In: -42.100 ± 0.081 $\chi^2/\text{NDF}: 4465.9/9$

42.225 ± 0.057 $\chi^2/\text{NDF}: 15870.4/28$

0.817 ± 0.040 $\chi^2/\text{NDF}: 1119361.4/58$

-41.316 ± 0.057 $\chi^2/\text{NDF}: 22267.5/29$

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.177 ± 0.005 χ^2/NDF : 7364.7/16

Left Out: 0.268 ± 0.004 χ^2/NDF : 706.7/11

Right Out: 0.222 ± 0.004 χ^2/NDF : 7527.0/19

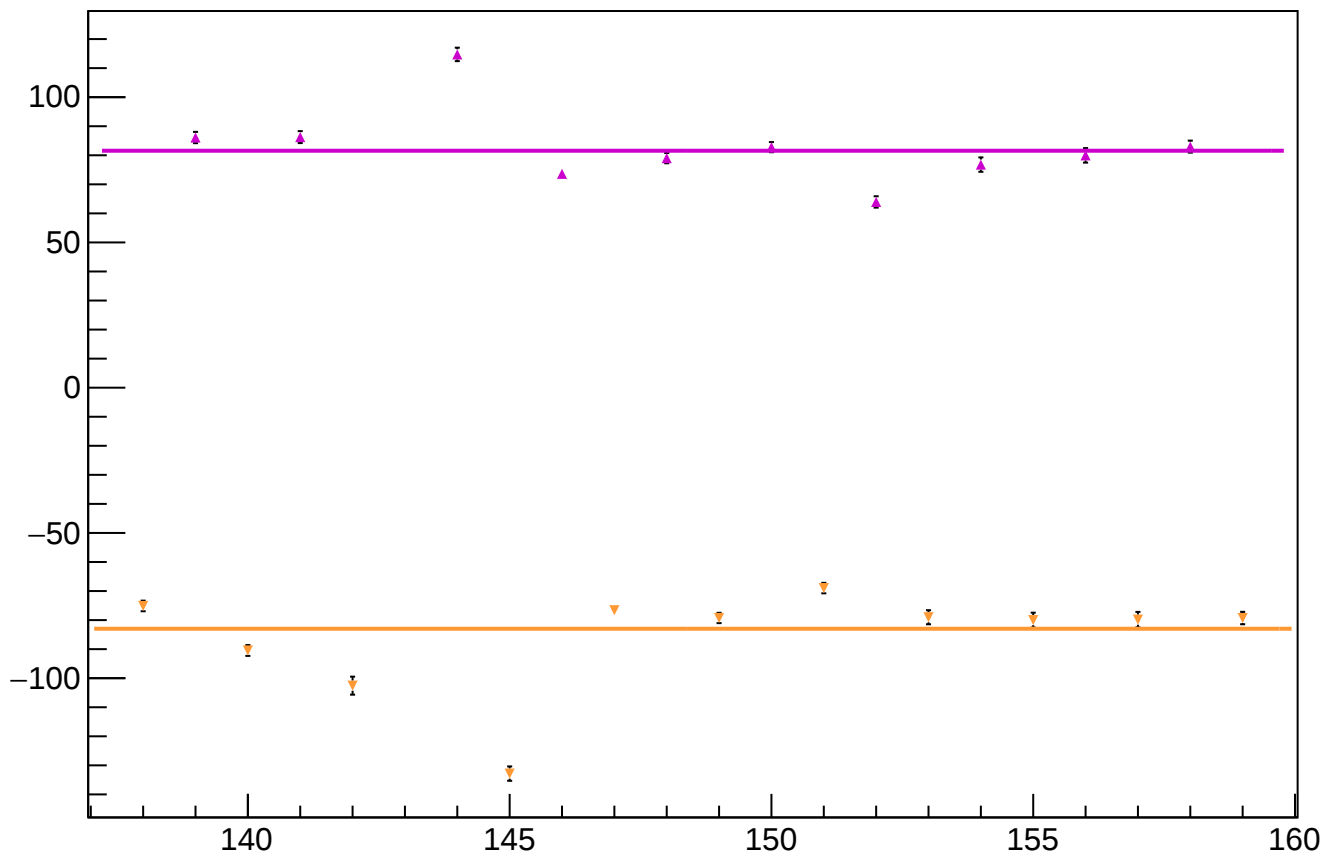
Left In: -0.244 ± 0.004 χ^2/NDF : 583.5/9

0.112 ± 0.003 χ^2/NDF : 13559.1/28

0.037 ± 0.002 χ^2/NDF : 29588.0/58

-0.038 ± 0.003 χ^2/NDF : 14658.4/29

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -82.973+/-0.633 χ^2/NDF : 566.4/10

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

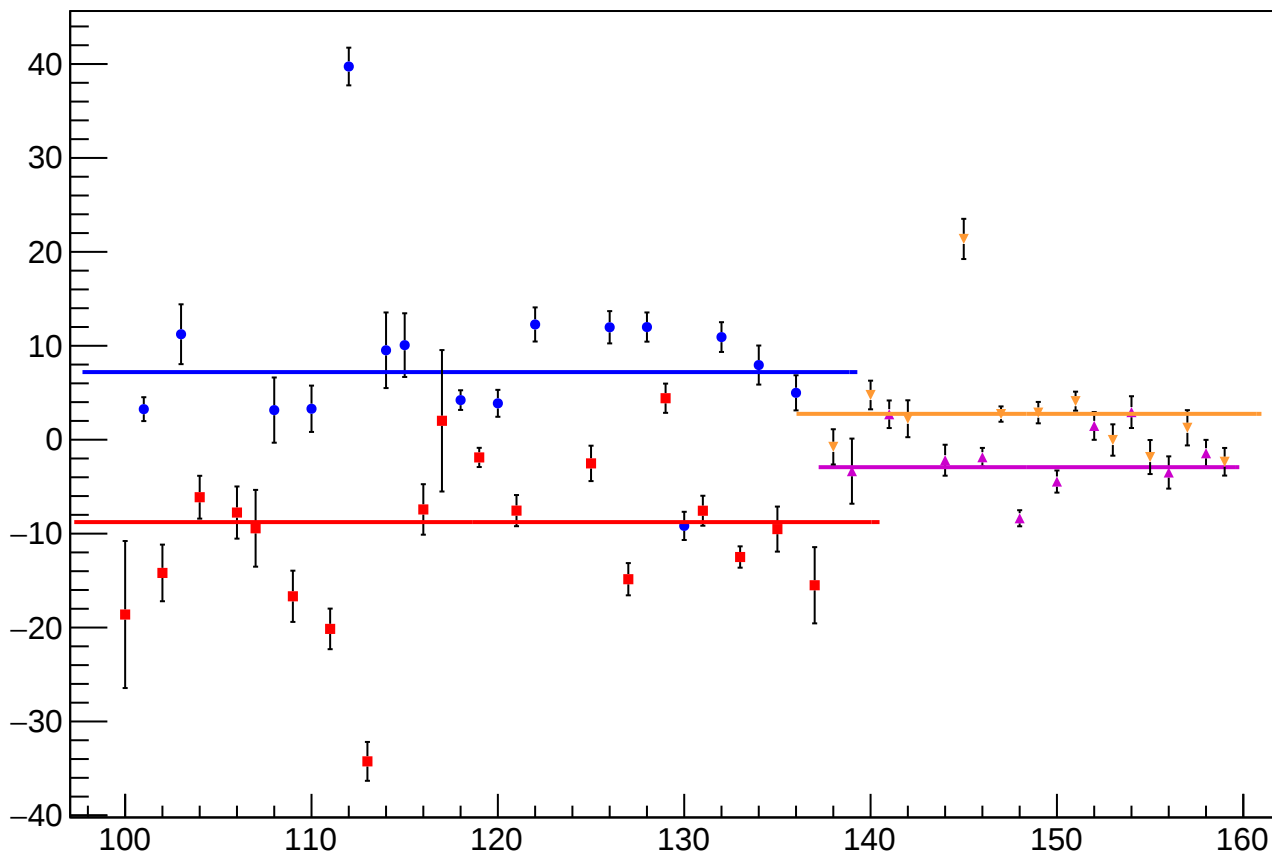
Left In: 81.568+/-0.633 χ^2/NDF : 325.5/9

-82.973+/-0.633 χ^2/NDF : 566.4/10

-0.681+/-0.447 χ^2/NDF : 34715.8/20

81.568+/-0.633 χ^2/NDF : 325.5/9

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.199 ± 0.440 χ^2/NDF : 443.8/15

Left Out: 2.753 ± 0.413 χ^2/NDF : 104.7/10

Right Out: -8.772 ± 0.447 χ^2/NDF : 351.7/18

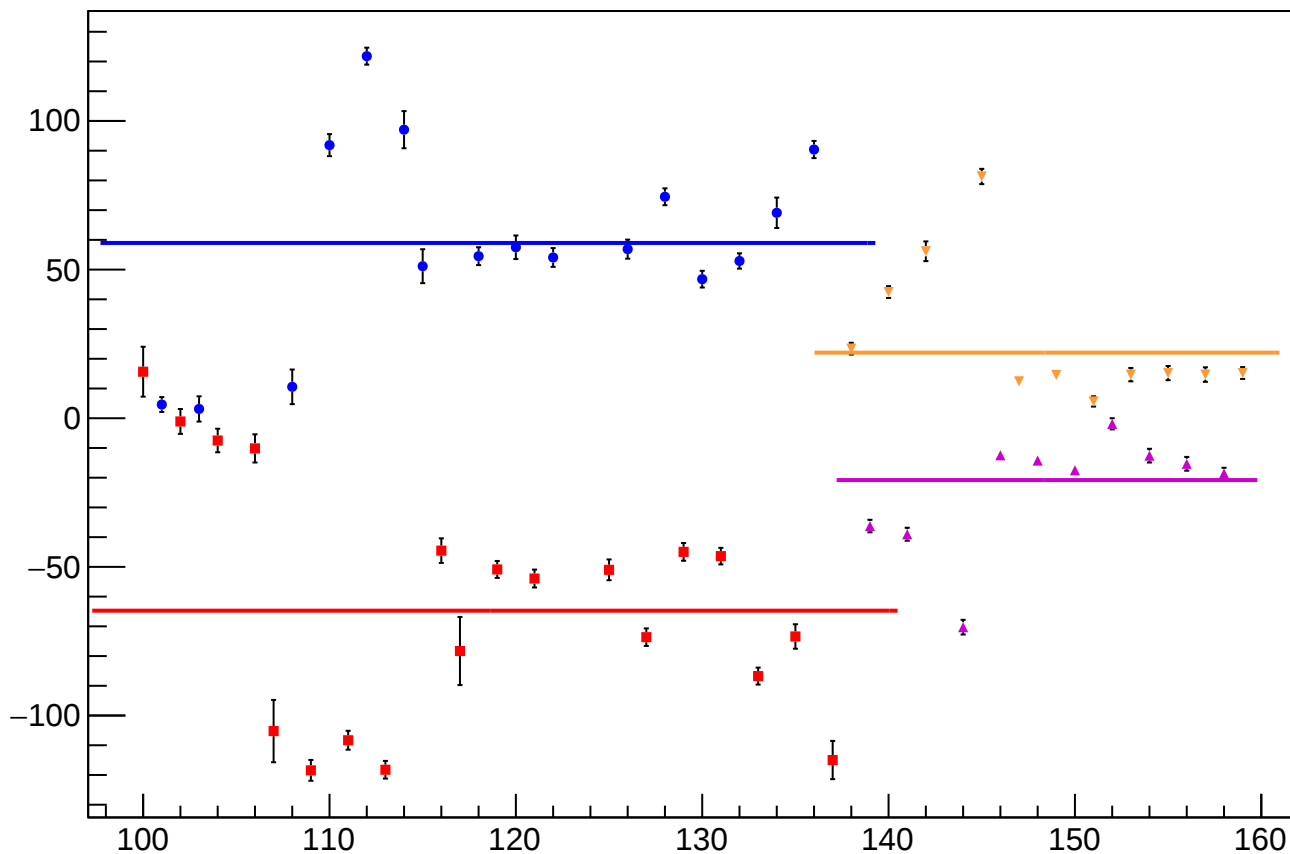
Left In: -2.925 ± 0.421 χ^2/NDF : 80.1/9

4.841 ± 0.301 χ^2/NDF : 602.8/26

-0.325 ± 0.215 χ^2/NDF : 1724.1/55

-5.670 ± 0.306 χ^2/NDF : 522.6/28

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.962+/-0.837 χ^2/NDF : 1496.5/15

Left Out: 22.061+/-0.617 χ^2/NDF : 930.3/10

Right Out: -64.728+/-0.838 χ^2/NDF : 1723.2/18

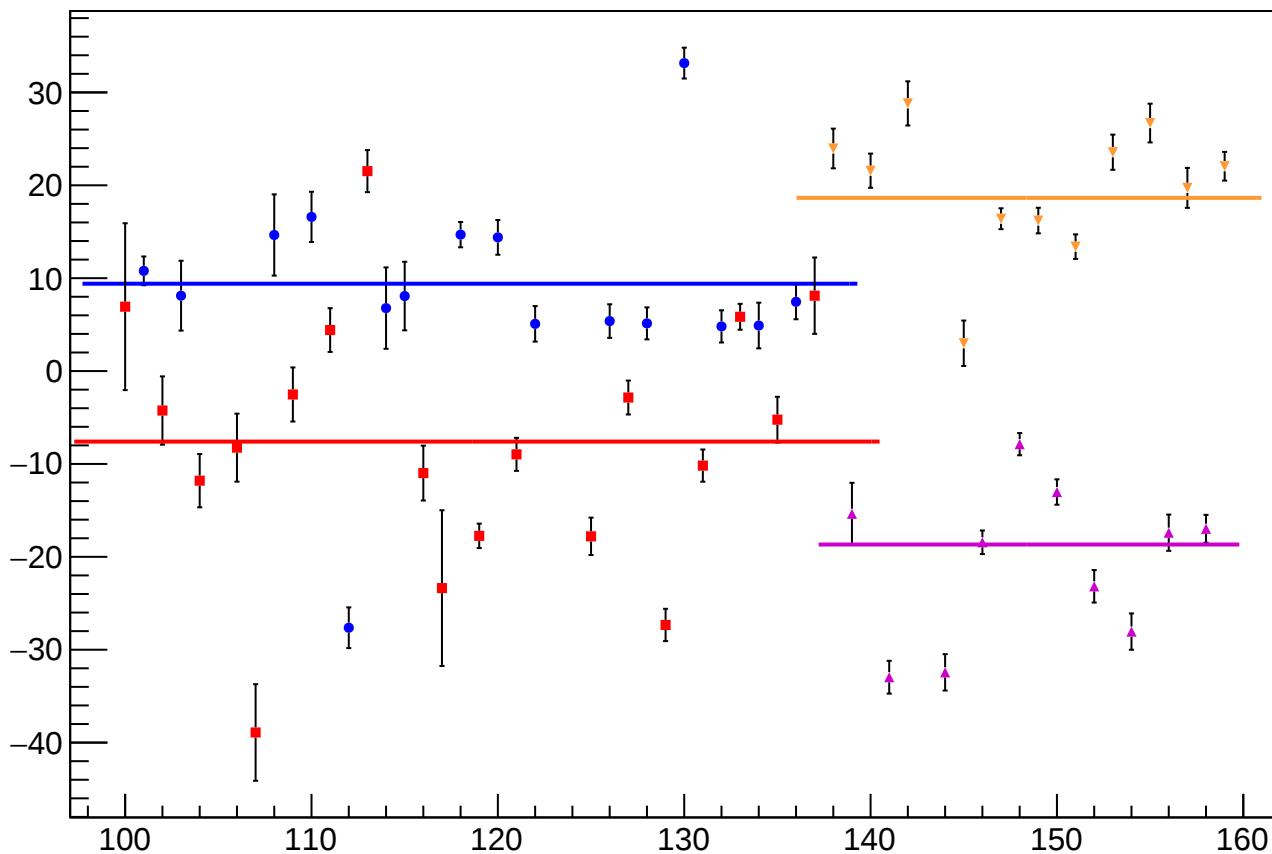
Left In: -20.797+/-0.614 χ^2/NDF : 689.5/9

35.043+/-0.496 χ^2/NDF : 3686.9/26

-0.629+/-0.351 χ^2/NDF : 18194.2/55

-36.162+/-0.495 χ^2/NDF : 4200.6/28

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.405 ± 0.507 $\chi^2/\text{NDF}: 549.5/15$

Left Out: 18.649 ± 0.507 $\chi^2/\text{NDF}: 117.7/10$

Right Out: -7.593 ± 0.514 $\chi^2/\text{NDF}: 573.4/18$

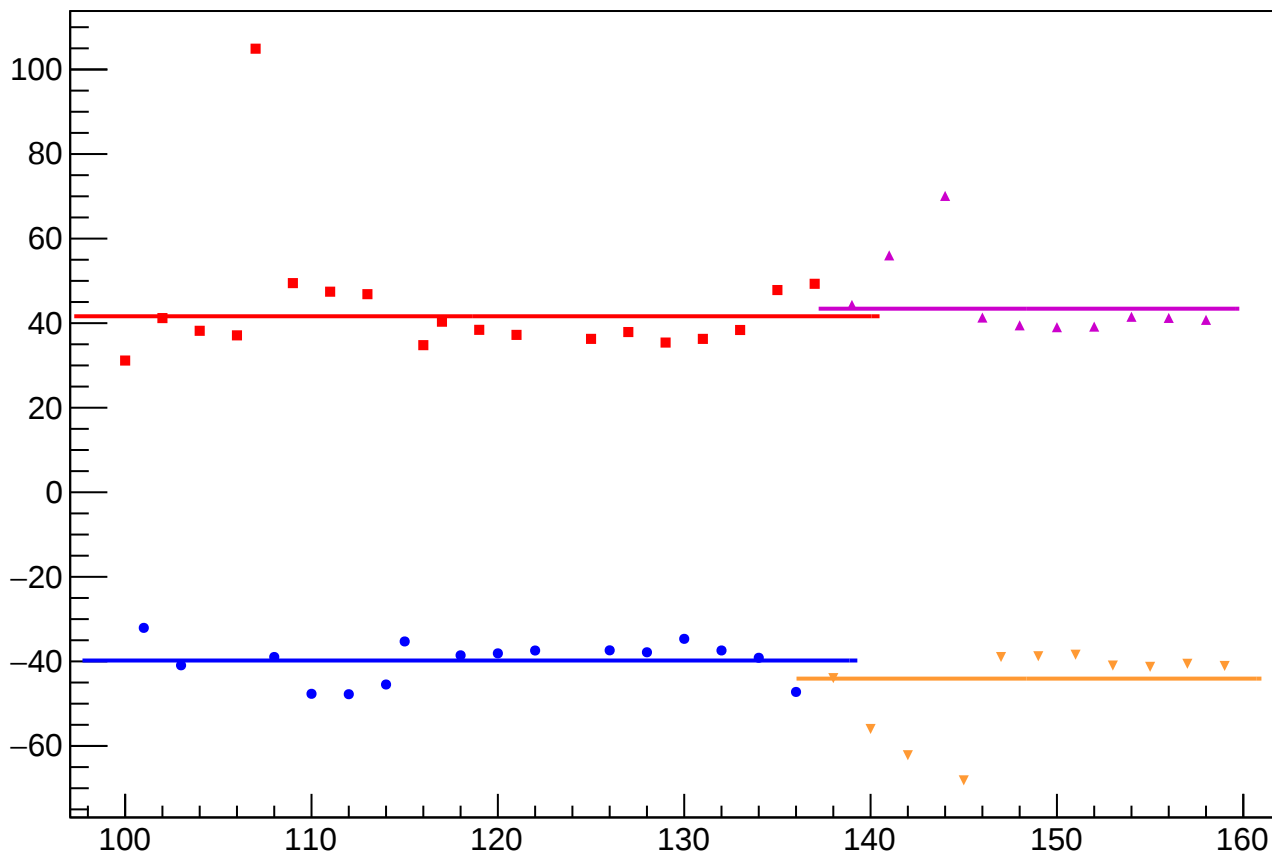
Left In: -18.673 ± 0.512 $\chi^2/\text{NDF}: 245.9/9$

14.028 ± 0.358 $\chi^2/\text{NDF}: 833.7/26$

0.599 ± 0.255 $\chi^2/\text{NDF}: 4730.9/55$

-13.157 ± 0.363 $\chi^2/\text{NDF}: 1052.7/28$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.791 ± 0.031 χ^2/NDF : 26138.6/15

Left Out: -44.072 ± 0.025 χ^2/NDF : 115207.5/10

Right Out: 41.631 ± 0.031 χ^2/NDF : 94399.1/18

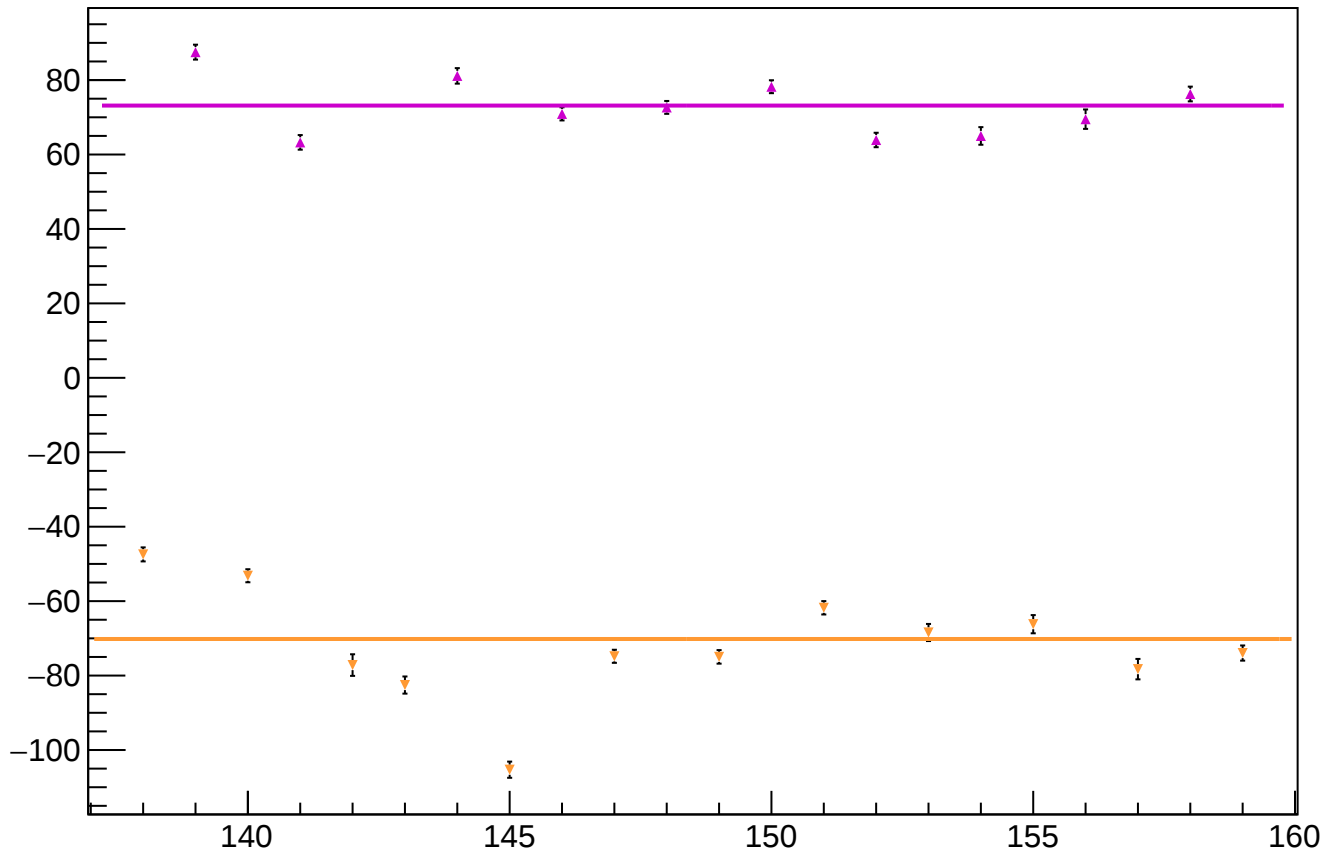
Left In: 43.421 ± 0.024 χ^2/NDF : 94490.1/9

-42.426 ± 0.019 χ^2/NDF : 152916.9/26

0.600 ± 0.014 χ^2/NDF : 10118858.6/55

42.744 ± 0.019 χ^2/NDF : 190942.2/28

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -70.171+/-0.599 χ^2/NDF : 586.3/11

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

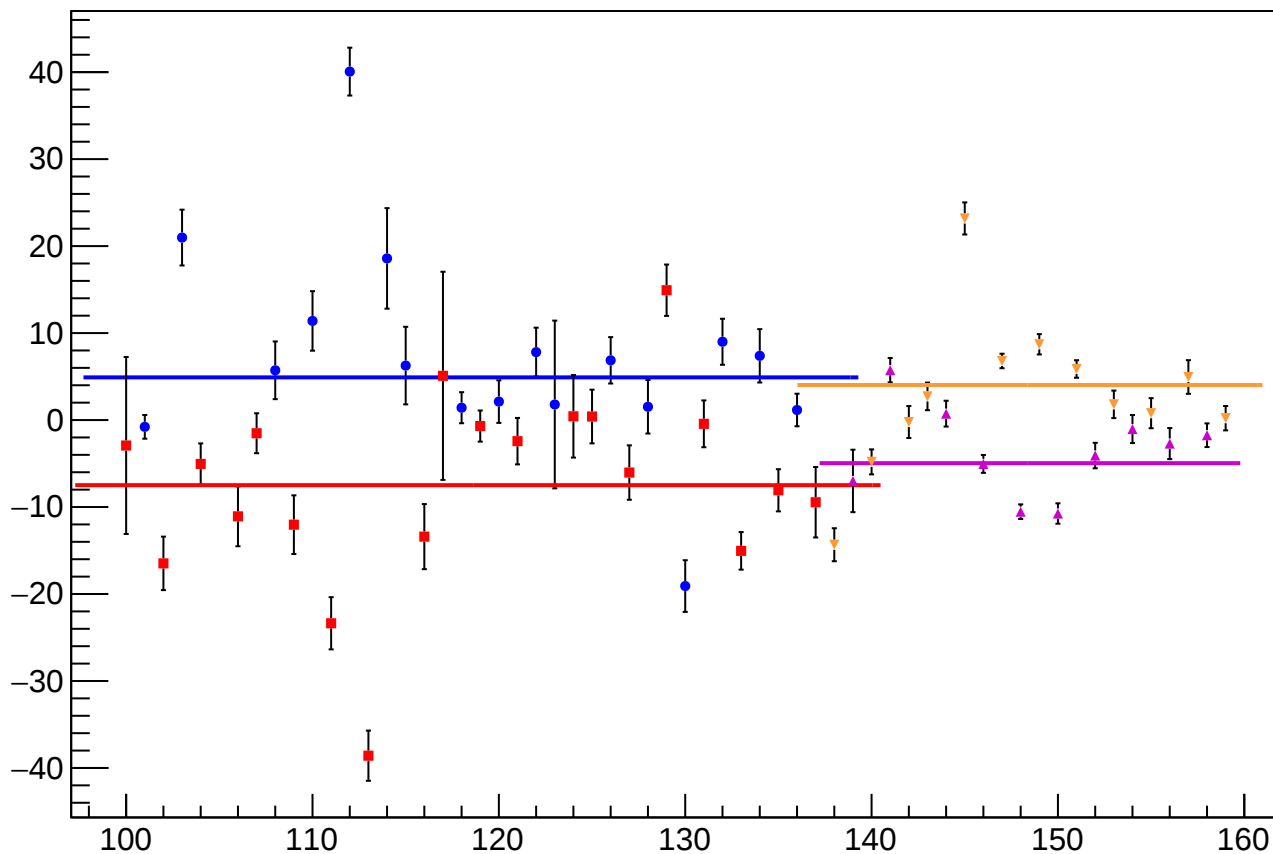
Left In: 73.151+/-0.624 χ^2/NDF : 140.4/9

-70.171+/-0.599 χ^2/NDF : 586.3/11

-1.439+/-0.432 χ^2/NDF : 28208.2/21

73.151+/-0.624 χ^2/NDF : 140.4/9

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.907 ± 0.628 χ^2/NDF : 295.4/16

Left Out: 4.030 ± 0.395 χ^2/NDF : 288.9/11

Right Out: -7.486 ± 0.650 χ^2/NDF : 271.7/19

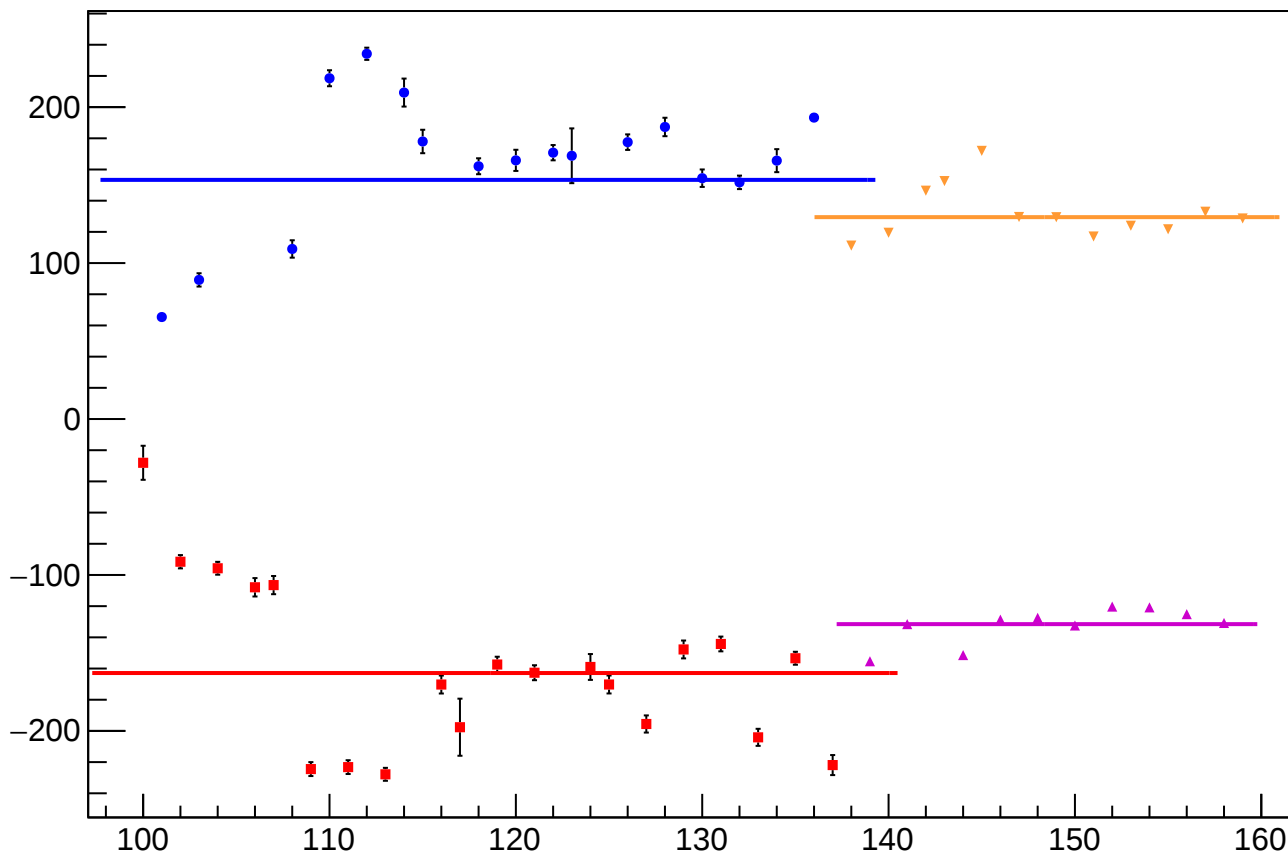
Left In: -4.956 ± 0.414 χ^2/NDF : 155.1/9

4.278 ± 0.334 χ^2/NDF : 585.7/28

-0.488 ± 0.241 χ^2/NDF : 1448.4/58

-5.686 ± 0.349 χ^2/NDF : 437.6/29

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.350+/-1.150 χ^2/NDF : 2268.3/16

Left Out: 129.452+/-0.588 χ^2/NDF : 650.0/11

Right Out: -162.878+/-1.174 χ^2/NDF : 1712.4/19

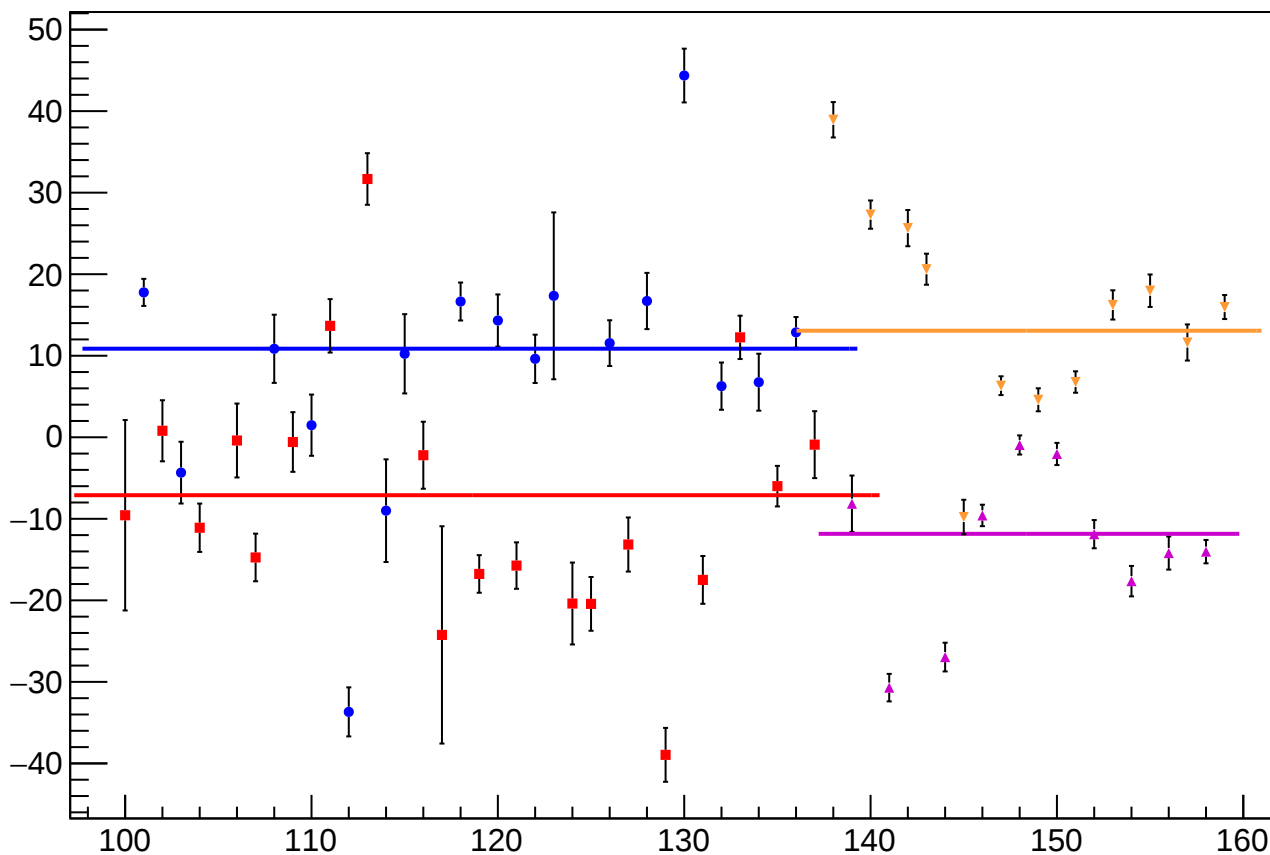
Left In: -131.526+/-0.606 χ^2/NDF : 276.2/9

134.403+/-0.524 χ^2/NDF : 3260.5/28

2.064+/-0.375 χ^2/NDF : 137408.9/58

-138.124+/-0.539 χ^2/NDF : 2551.3/29

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.864 $\pm$ 0.719 χ^2 /NDF: 387.9/16

Left Out: 13.068 $\pm$ 0.482 χ^2 /NDF: 481.0/11

Right Out: -7.106 $\pm$ 0.746 χ^2 /NDF: 426.4/19

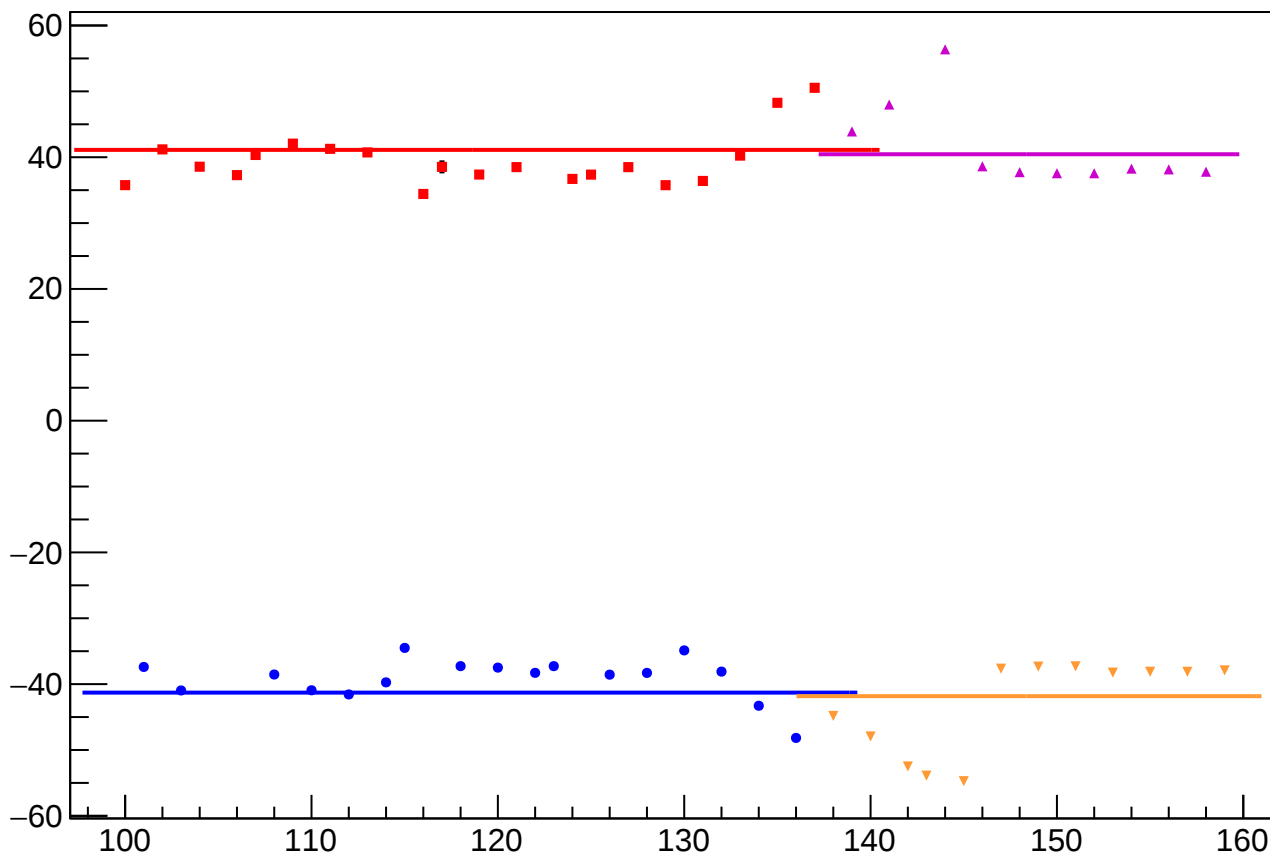
Left In: -11.842 $\pm$ 0.503 χ^2 /NDF: 354.0/9

12.386 $\pm$ 0.400 χ^2 /NDF: 875.4/28

1.485 $\pm$ 0.289 χ^2 /NDF: 3232.1/58

-10.362 $\pm$ 0.417 χ^2 /NDF: 808.1/29

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.289 ± 0.039 $\chi^2/\text{NDF}: 12509.1/16$

Left Out: -41.830 ± 0.023 $\chi^2/\text{NDF}: 69929.4/11$

Right Out: 41.115 ± 0.039 $\chi^2/\text{NDF}: 12120.1/19$

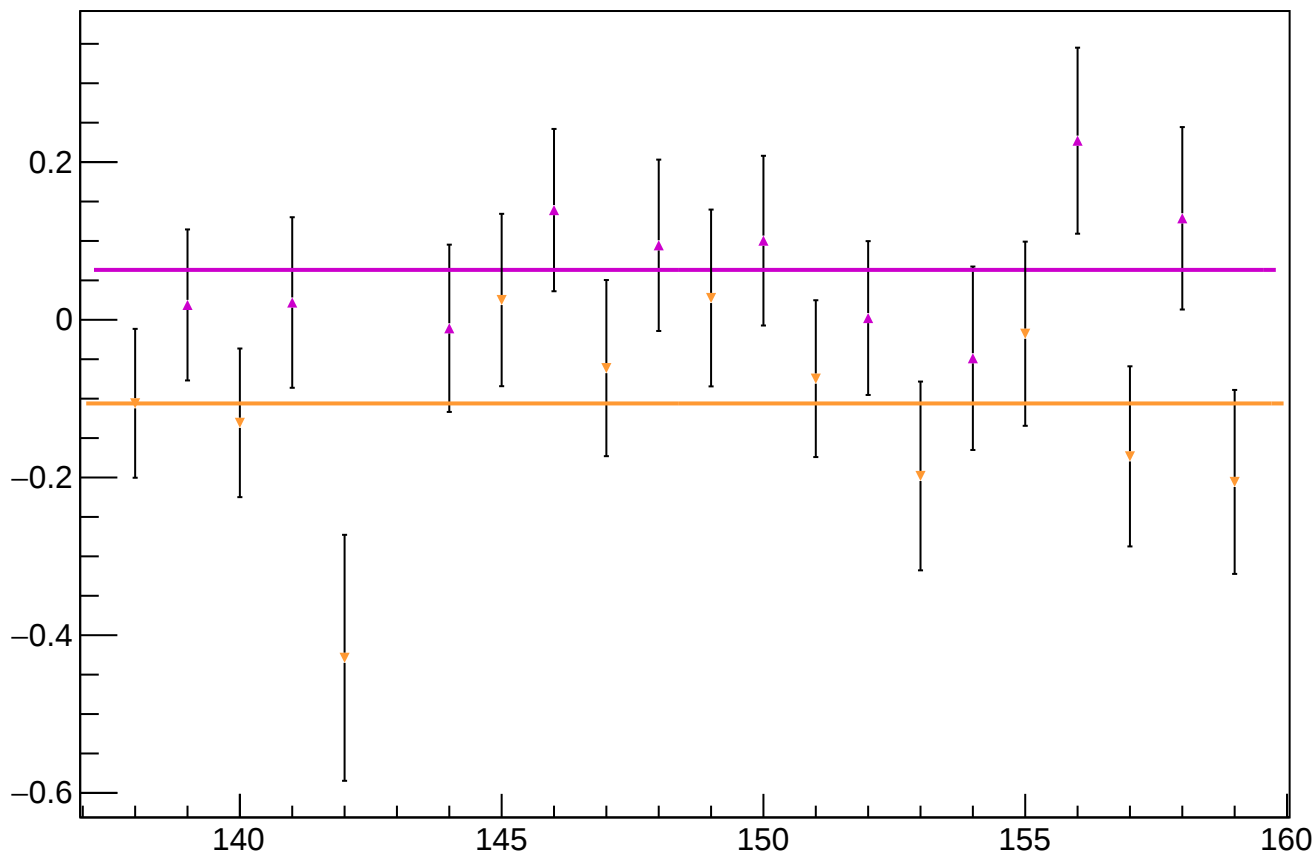
Left In: 40.451 ± 0.024 $\chi^2/\text{NDF}: 45271.0/9$

-41.684 ± 0.020 $\chi^2/\text{NDF}: 82582.2/28$

-1.180 ± 0.014 $\chi^2/\text{NDF}: 8422451.0/58$

40.636 ± 0.020 $\chi^2/\text{NDF}: 57604.4/29$

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.106+/-0.033 χ^2/NDF : 9.7/10

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

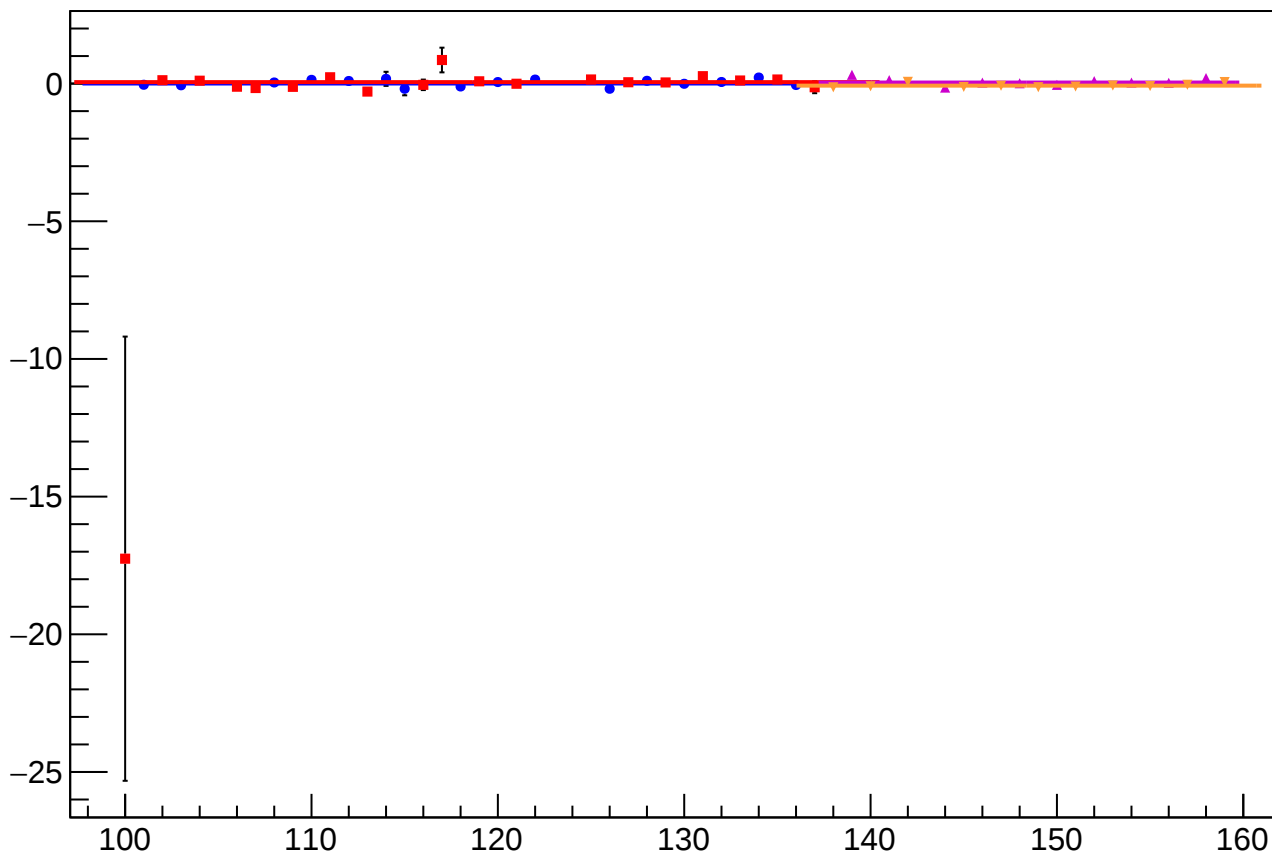
Left In: 0.063+/-0.034 χ^2/NDF : 5.2/9

-0.106+/-0.033 χ^2/NDF : 9.7/10

-0.023+/-0.024 χ^2/NDF : 27.6/20

0.063+/-0.034 χ^2/NDF : 5.2/9

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.029 χ^2 /NDF: 12.4/15

Left Out: -0.074 $\pm$ 0.023 χ^2 /NDF: 6.4/10

Right Out: 0.053 $\pm$ 0.029 χ^2 /NDF: 28.8/18

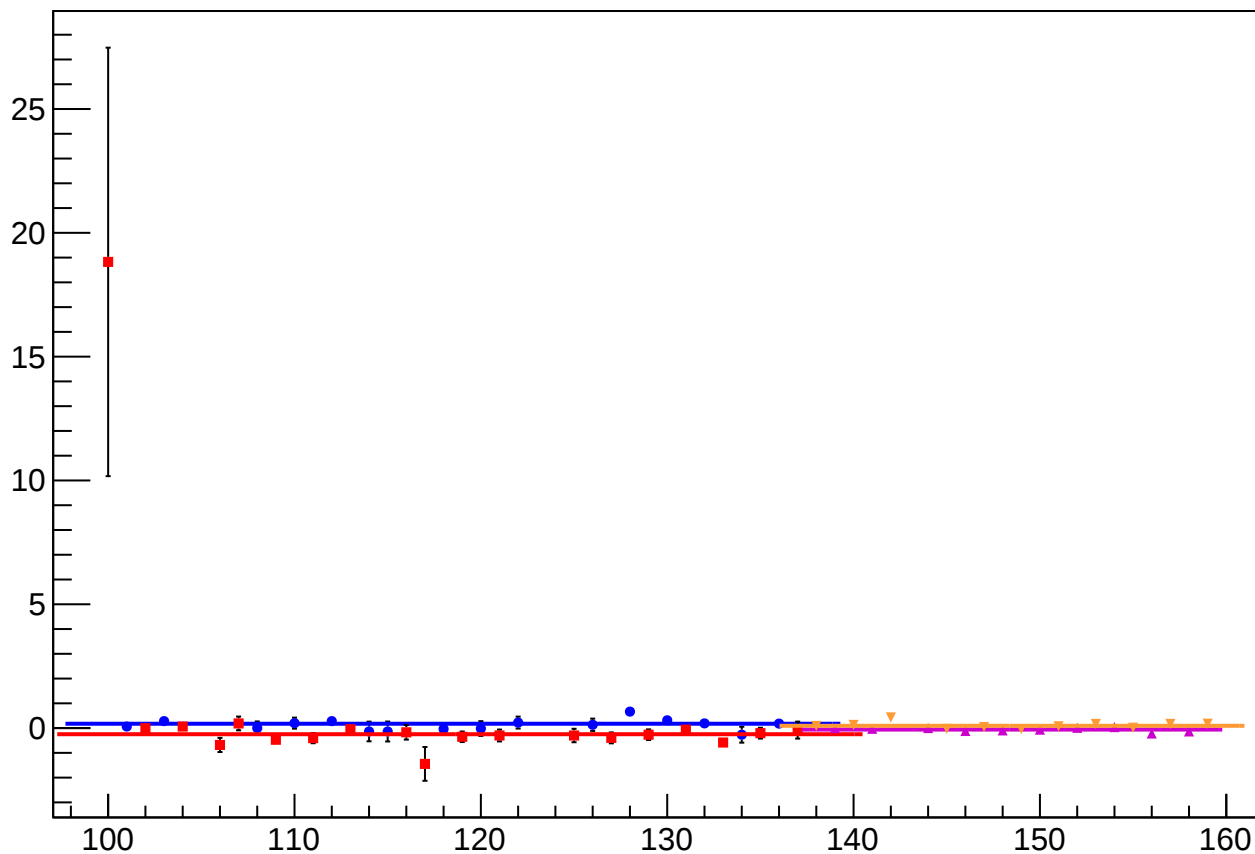
Left In: 0.038 $\pm$ 0.023 χ^2 /NDF: 16.0/9

-0.044 $\pm$ 0.018 χ^2 /NDF: 23.3/26

-0.001 $\pm$ 0.013 χ^2 /NDF: 80.4/55

0.044 $\pm$ 0.018 χ^2 /NDF: 45.0/28

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.176 ± 0.053 χ^2/NDF : 13.0/15

Left Out: 0.093 ± 0.033 χ^2/NDF : 9.4/10

Right Out: -0.247 ± 0.054 χ^2/NDF : 24.7/18

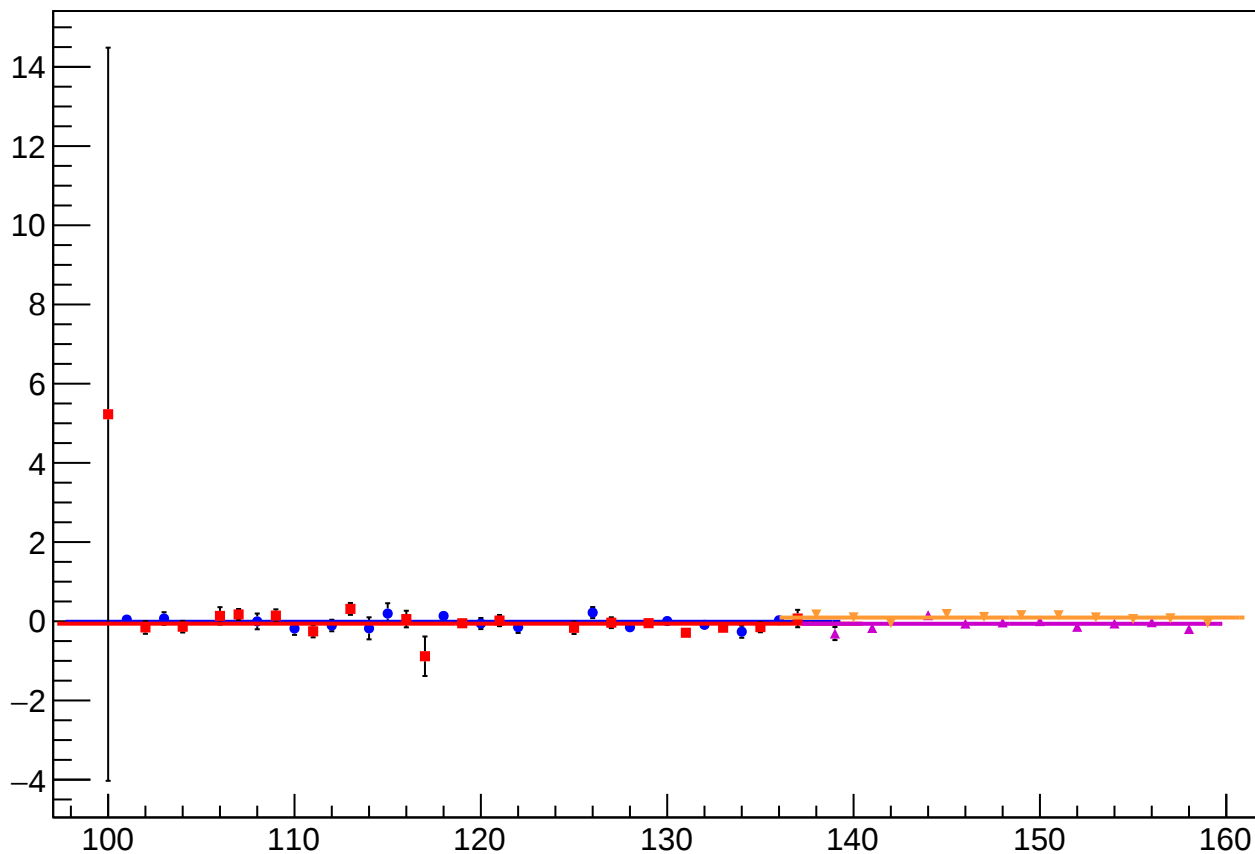
Left In: -0.059 ± 0.033 χ^2/NDF : 5.2/9

0.116 ± 0.028 χ^2/NDF : 24.2/26

0.005 ± 0.020 χ^2/NDF : 96.0/55

-0.111 ± 0.028 χ^2/NDF : 38.7/28

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.013 ± 0.033 χ^2/NDF : 13.6/15

Left Out: 0.094 ± 0.027 χ^2/NDF : 6.6/10

Right Out: -0.061 ± 0.034 χ^2/NDF : 23.1/18

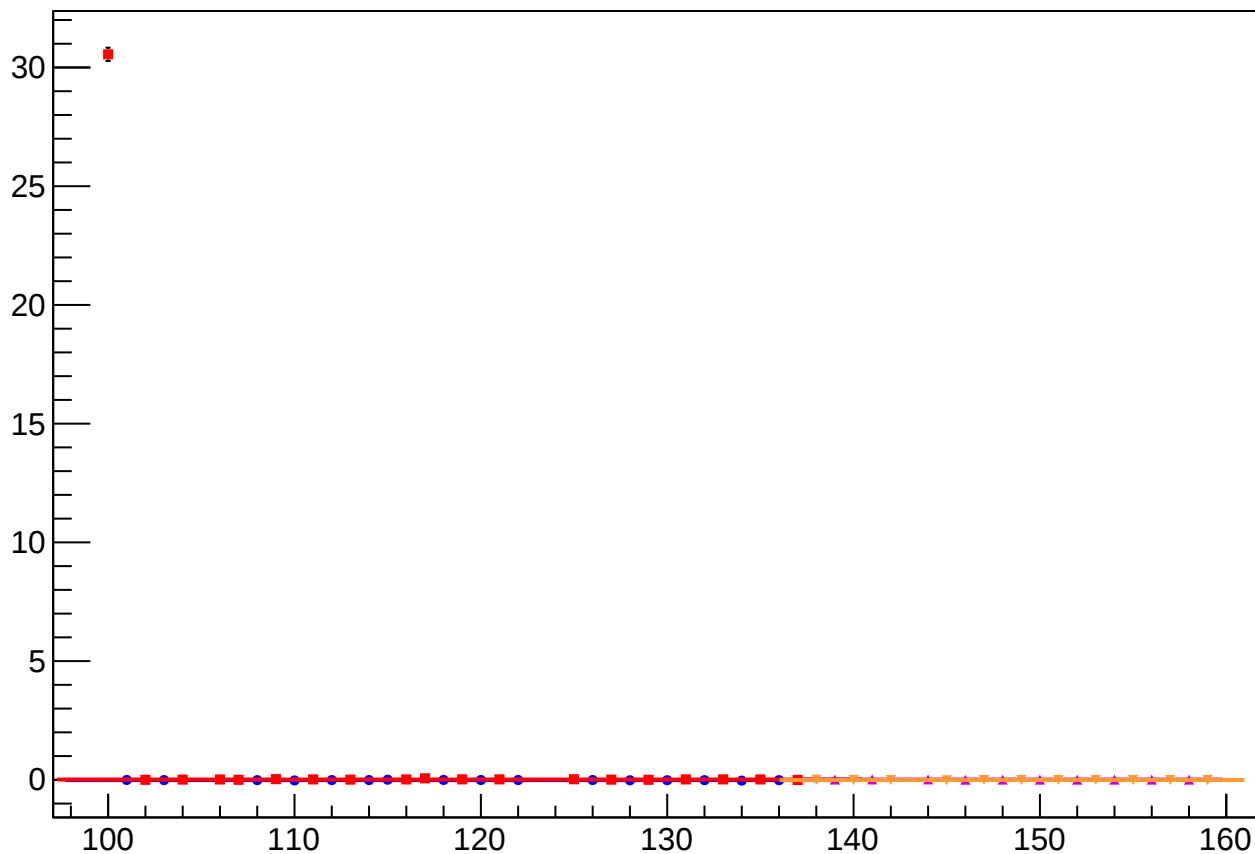
Left In: -0.063 ± 0.028 χ^2/NDF : 13.7/9

0.050 ± 0.021 χ^2/NDF : 26.5/26

-0.005 ± 0.015 χ^2/NDF : 77.2/55

-0.062 ± 0.022 χ^2/NDF : 36.8/28

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 8.2/10

Right Out: 0.012 ± 0.002 χ^2/NDF : 11894.0/18

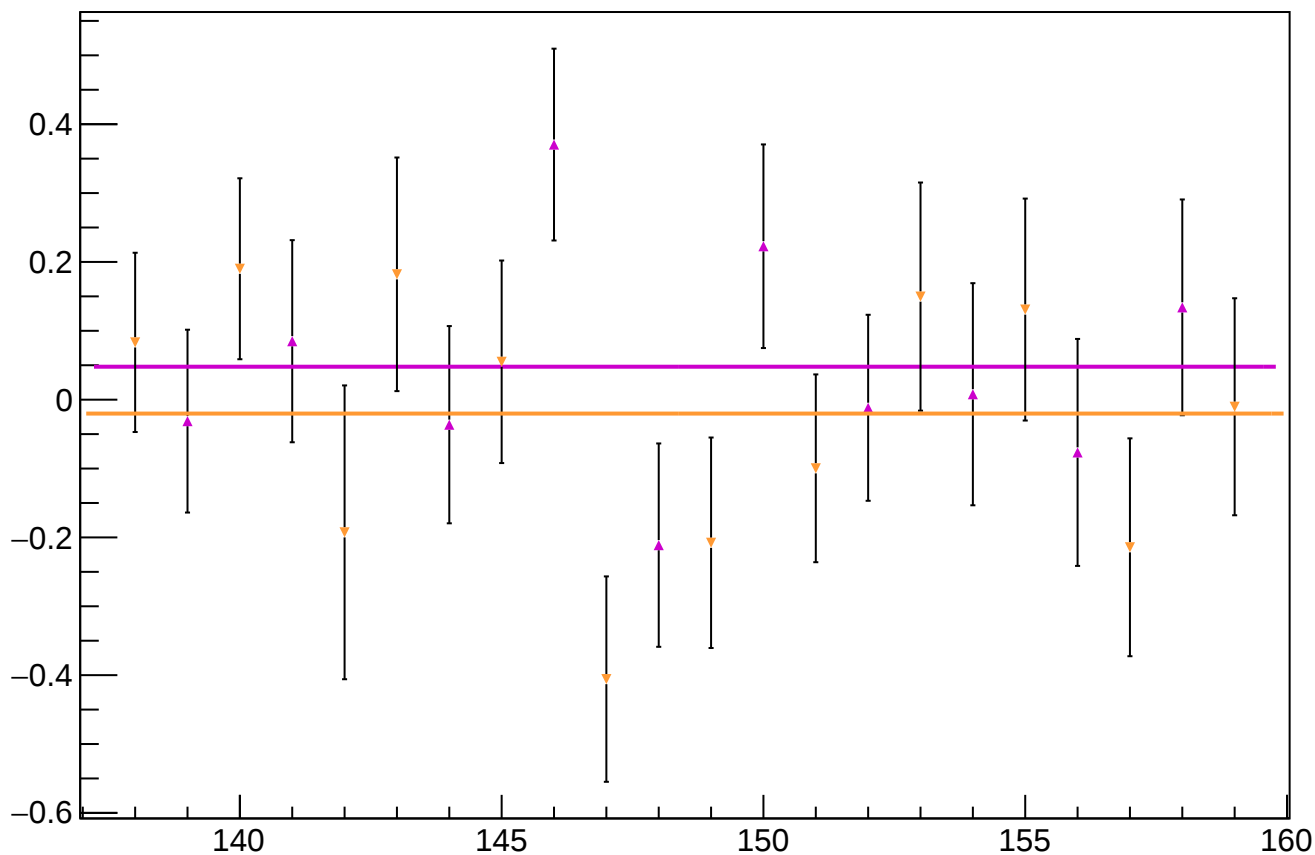
Left In: 0.011 ± 0.001 χ^2/NDF : 8.9/9

-0.010 ± 0.001 χ^2/NDF : 22.9/26

0.001 ± 0.001 χ^2/NDF : 12135.2/55

0.011 ± 0.001 χ^2/NDF : 11903.3/28

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.020 $\pm$ 0.044 χ^2 /NDF:17.5/11

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

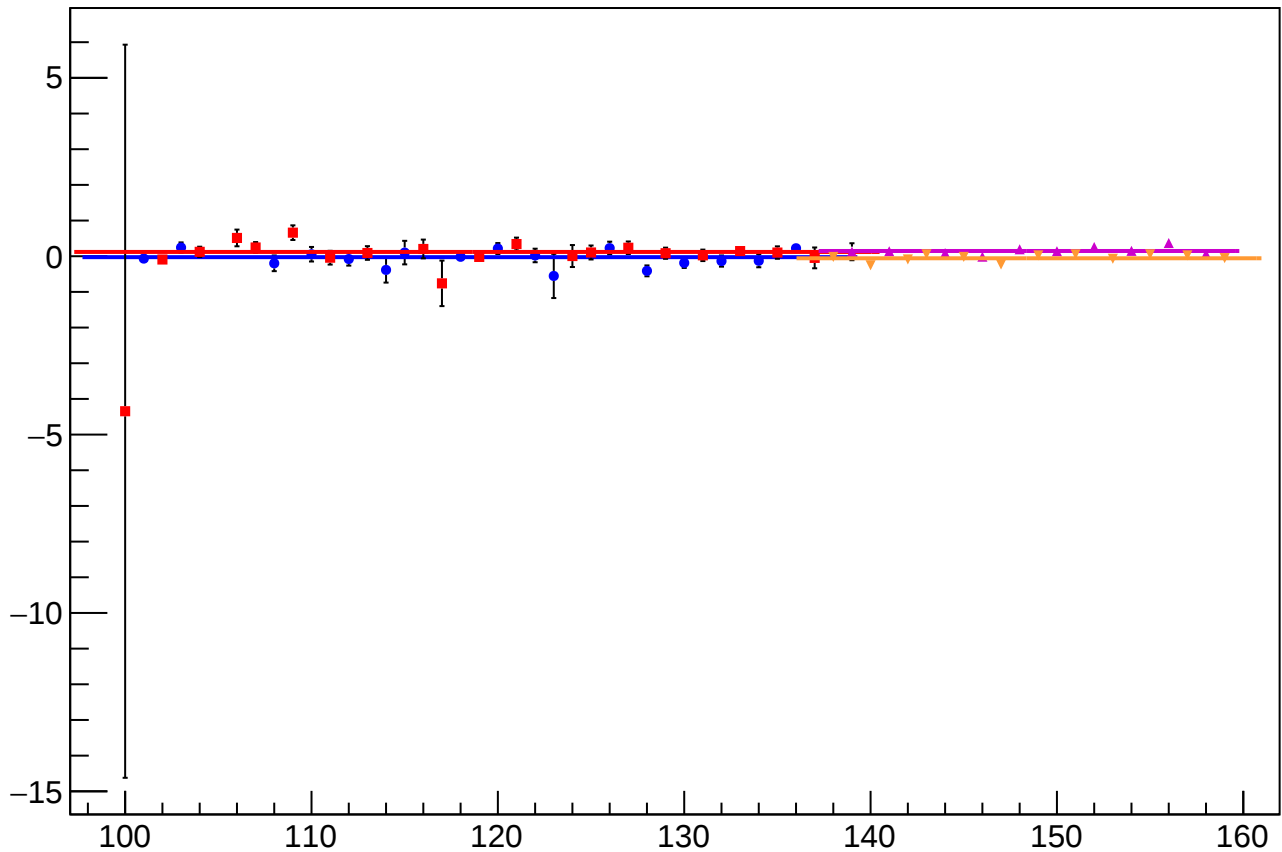
Left In: 0.048 $\pm$ 0.046 χ^2 /NDF:11.7/9

-0.020 $\pm$ 0.044 χ^2 /NDF: 17.5/11

0.012 $\pm$ 0.032 χ^2 /NDF: 30.4/21

0.048 $\pm$ 0.046 χ^2 /NDF: 11.7/9

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.026 ± 0.037 χ^2/NDF : 22.7/16

Left Out: -0.057 ± 0.030 χ^2/NDF : 14.7/11

Right Out: 0.120 ± 0.039 χ^2/NDF : 20.2/19

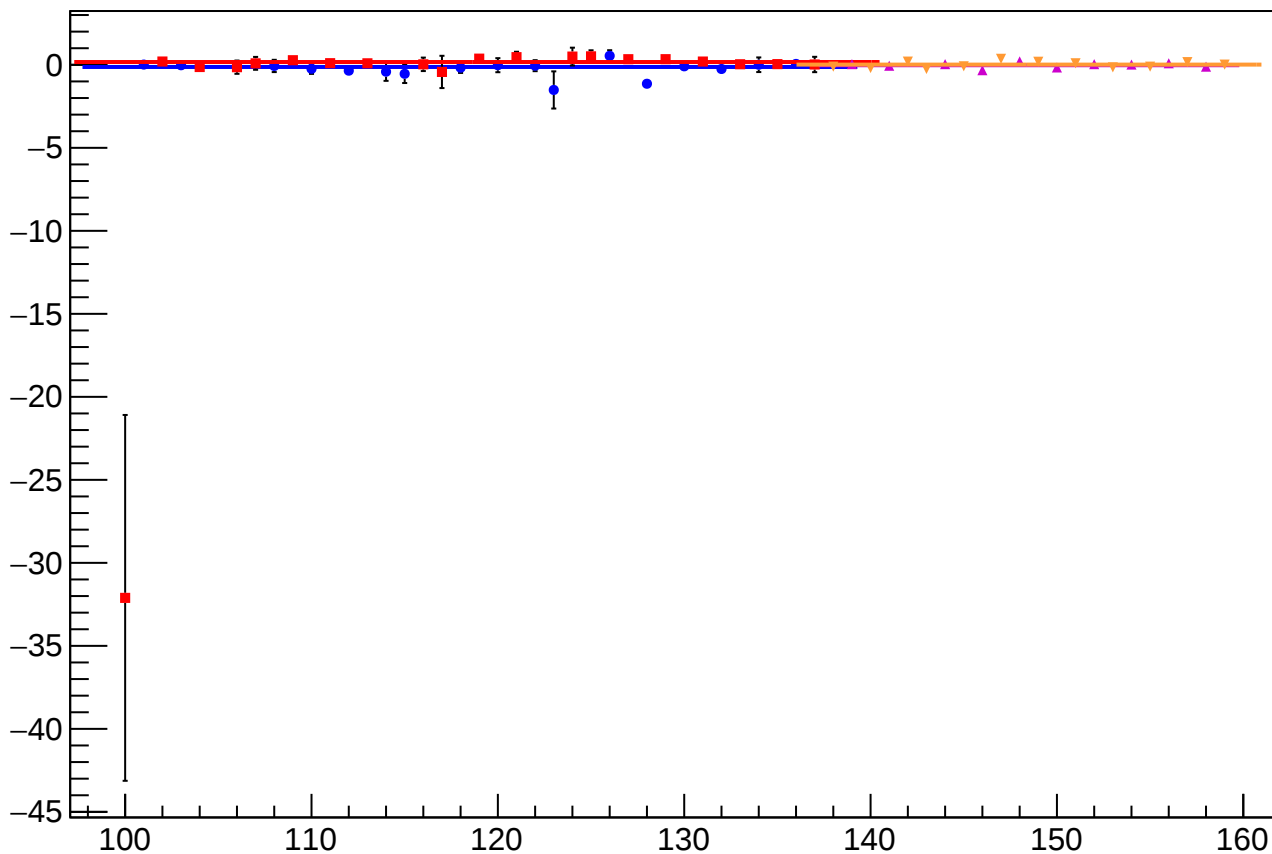
Left In: 0.147 ± 0.032 χ^2/NDF : 10.1/9

-0.045 ± 0.023 χ^2/NDF : 37.8/28

0.040 ± 0.017 χ^2/NDF : 97.0/58

0.136 ± 0.025 χ^2/NDF : 30.6/29

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.129 ± 0.067 χ^2/NDF : 23.1/16

Left Out: 0.013 ± 0.043 χ^2/NDF : 17.2/11

Right Out: 0.169 ± 0.071 χ^2/NDF : 15.3/19

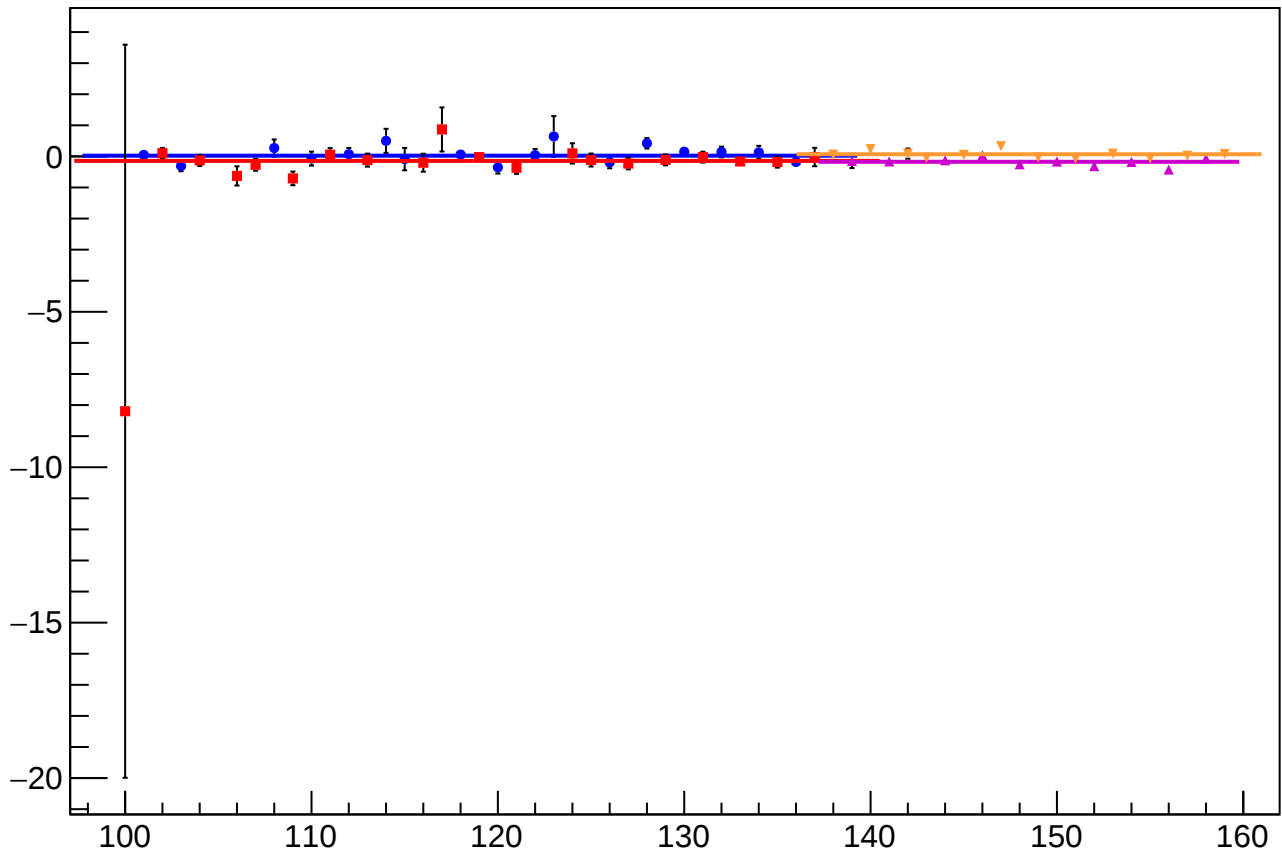
Left In: -0.025 ± 0.045 χ^2/NDF : 10.5/9

-0.029 ± 0.036 χ^2/NDF : 43.5/28

-0.000 ± 0.026 χ^2/NDF : 75.9/58

0.031 ± 0.038 χ^2/NDF : 31.1/29

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.023 ± 0.043 χ^2/NDF : 21.3/16

Left Out: 0.070 ± 0.036 χ^2/NDF : 13.3/11

Right Out: -0.144 ± 0.045 χ^2/NDF : 18.6/19

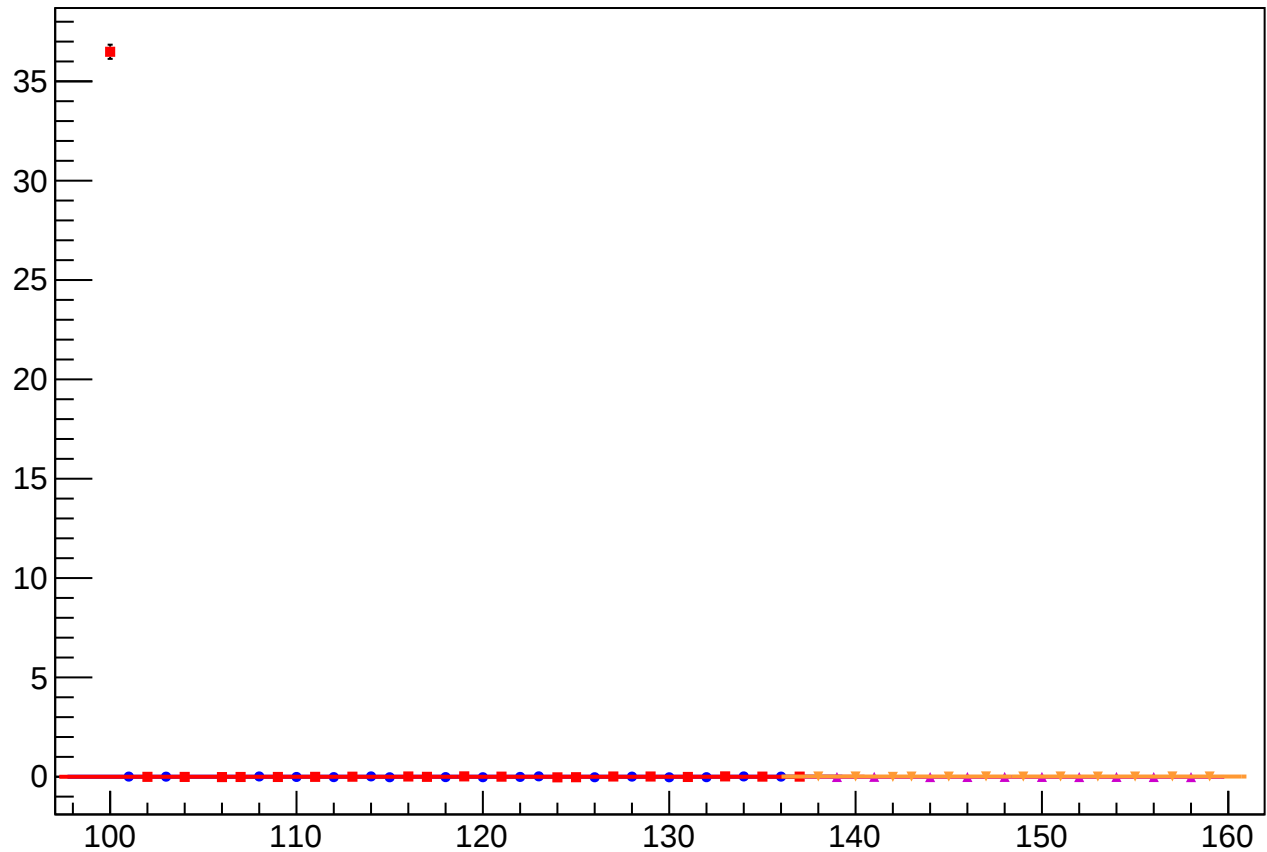
Left In: -0.174 ± 0.038 χ^2/NDF : 10.7/9

0.050 ± 0.028 χ^2/NDF : 35.3/28

-0.049 ± 0.020 χ^2/NDF : 92.6/58

-0.161 ± 0.029 χ^2/NDF : 29.6/29

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 30.6/16

Left Out: 0.011 $\pm$ 0.002 χ^2 /NDF: 5.5/11

Right Out: -0.001 $\pm$ 0.002 χ^2 /NDF: 10449.1/19

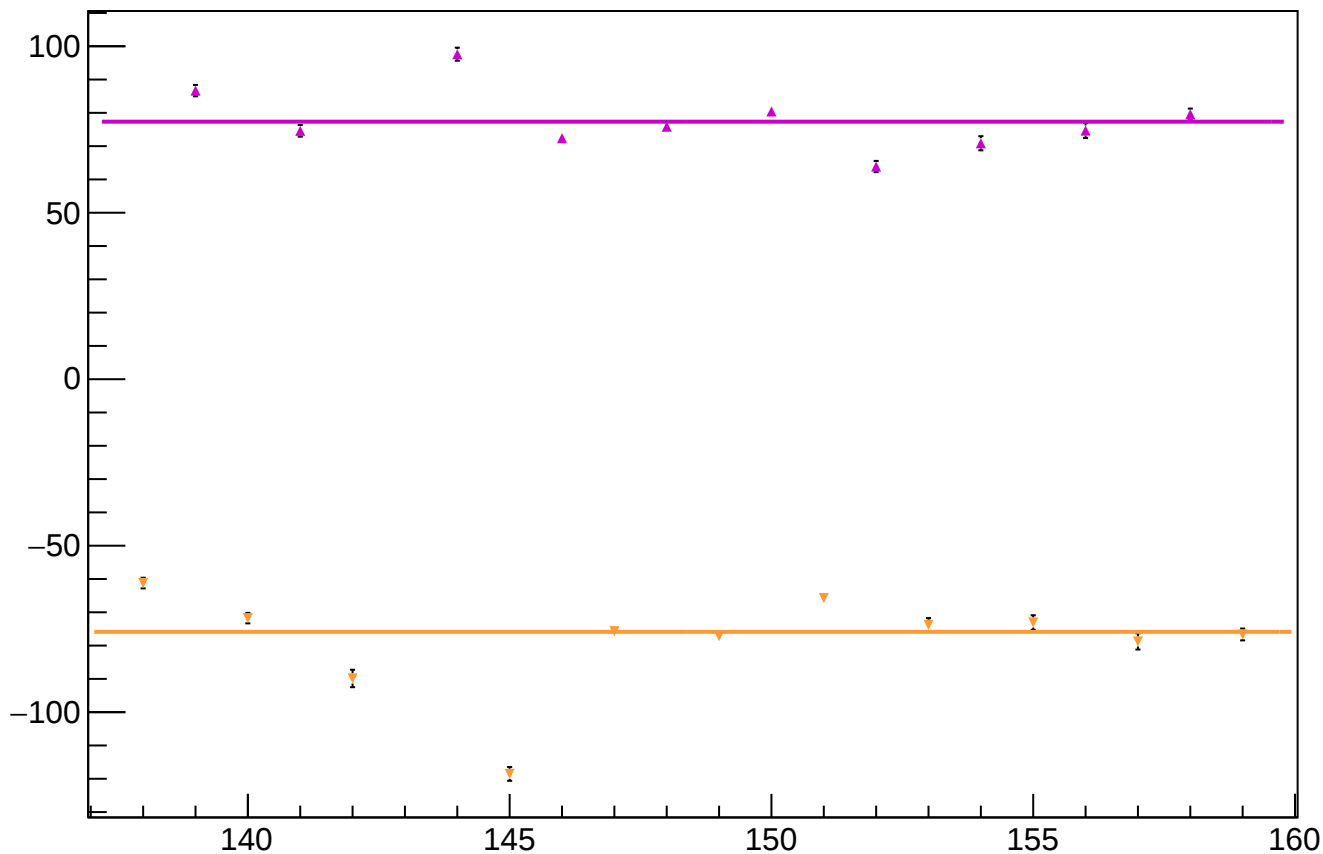
Left In: -0.011 $\pm$ 0.002 χ^2 /NDF: 4.7/9

0.007 $\pm$ 0.001 χ^2 /NDF: 47.4/28

0.000 $\pm$ 0.001 χ^2 /NDF: 10570.5/58

-0.007 $\pm$ 0.001 χ^2 /NDF: 10466.2/29

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -75.868+/-0.530 χ^2/NDF : 594.6/10

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

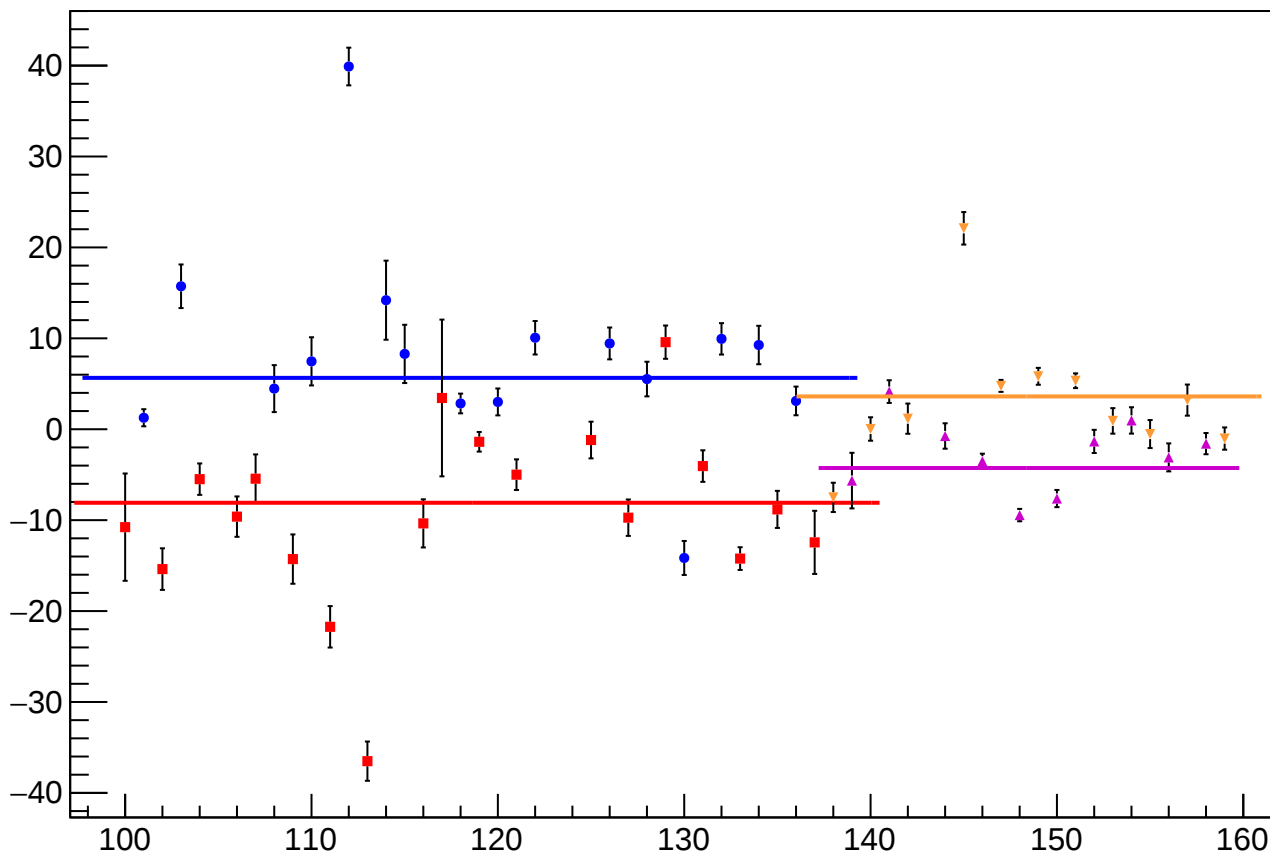
Left In: 77.344+/-0.531 χ^2/NDF : 232.5/9

-75.868+/-0.530 χ^2/NDF : 594.6/10

0.591+/-0.375 χ^2/NDF : 42593.9/20

77.344+/-0.531 χ^2/NDF : 232.5/9

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.651 ± 0.429 χ^2/NDF : 461.9/15

Left Out: 3.609 ± 0.341 χ^2/NDF : 202.9/10

Right Out: -8.087 ± 0.452 χ^2/NDF : 409.7/18

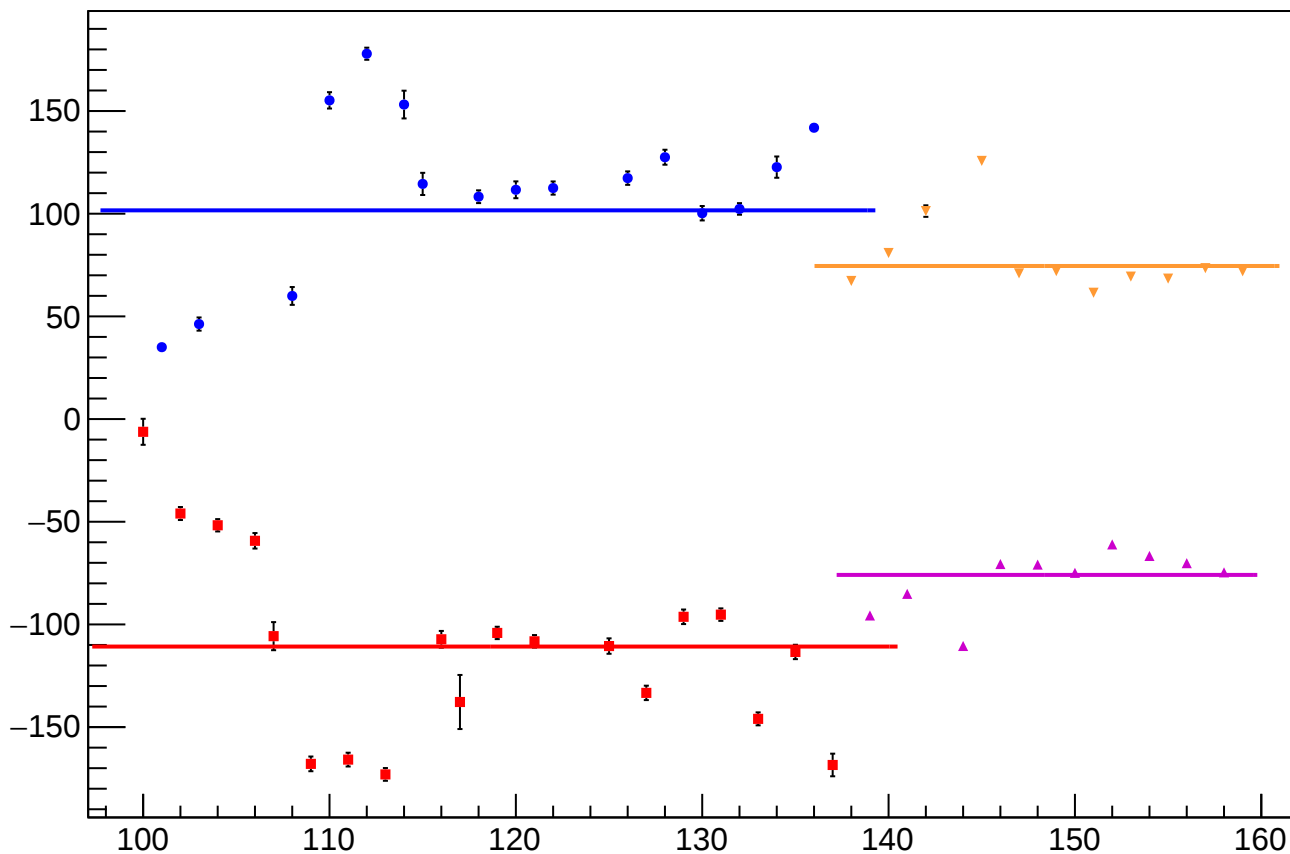
Left In: -4.264 ± 0.348 χ^2/NDF : 147.1/9

4.400 ± 0.267 χ^2/NDF : 678.7/26

-0.482 ± 0.192 χ^2/NDF : 1970.7/55

-5.689 ± 0.276 χ^2/NDF : 601.7/28

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.630 +/- 0.812 χ^2/NDF : 2980.2/15

Left Out: 74.539 +/- 0.515 χ^2/NDF : 803.9/10

Right Out: -110.778 +/- 0.834 χ^2/NDF : 2518.3/18

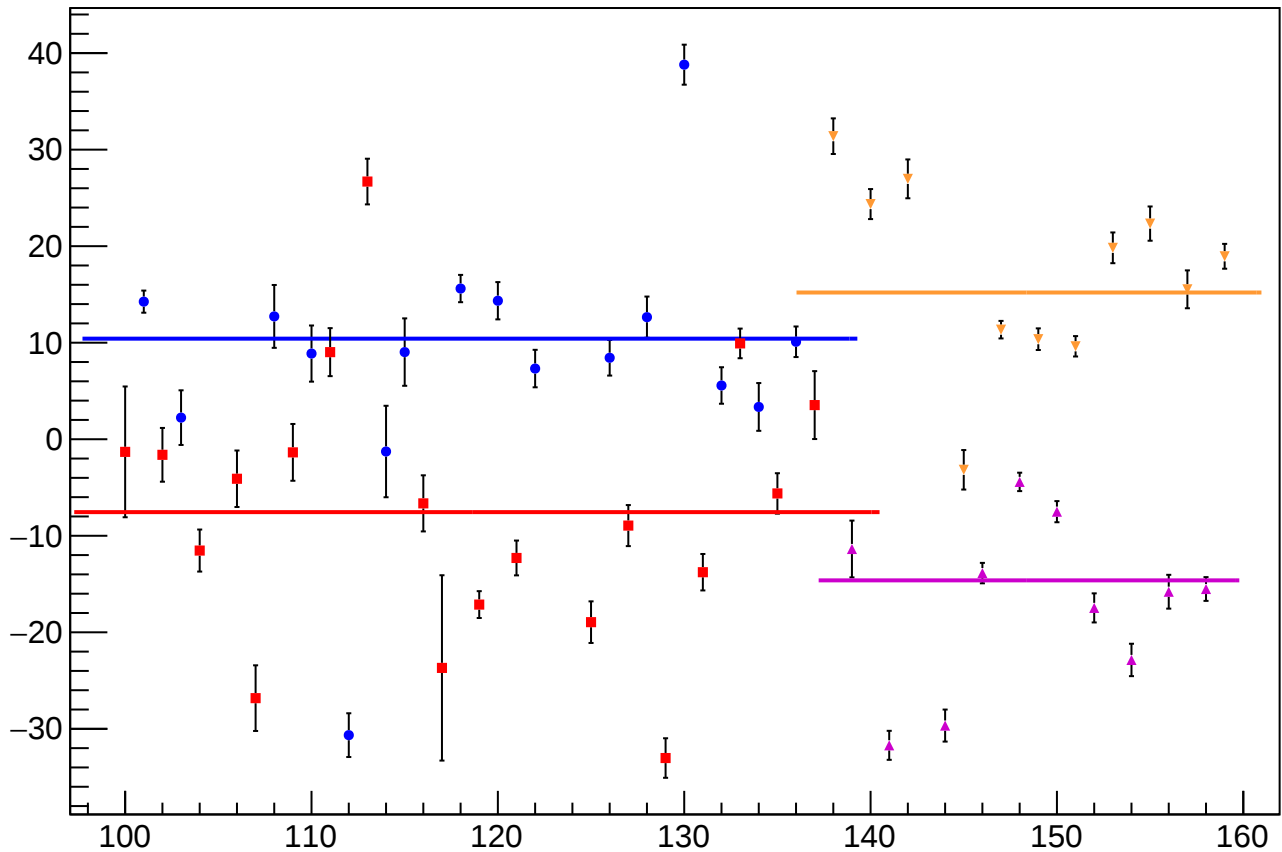
Left In: -75.888 +/- 0.514 χ^2/NDF : 553.1/9

82.314 +/- 0.435 χ^2/NDF : 4577.6/26

-1.050 +/- 0.309 χ^2/NDF : 82831.7/55

-85.495 +/- 0.438 χ^2/NDF : 4338.3/28

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.420 ± 0.497 $\chi^2/\text{NDF}: 579.7/15$

Left Out: 15.200 ± 0.420 $\chi^2/\text{NDF}: 324.1/10$

Right Out: -7.550 ± 0.522 $\chi^2/\text{NDF}: 692.3/18$

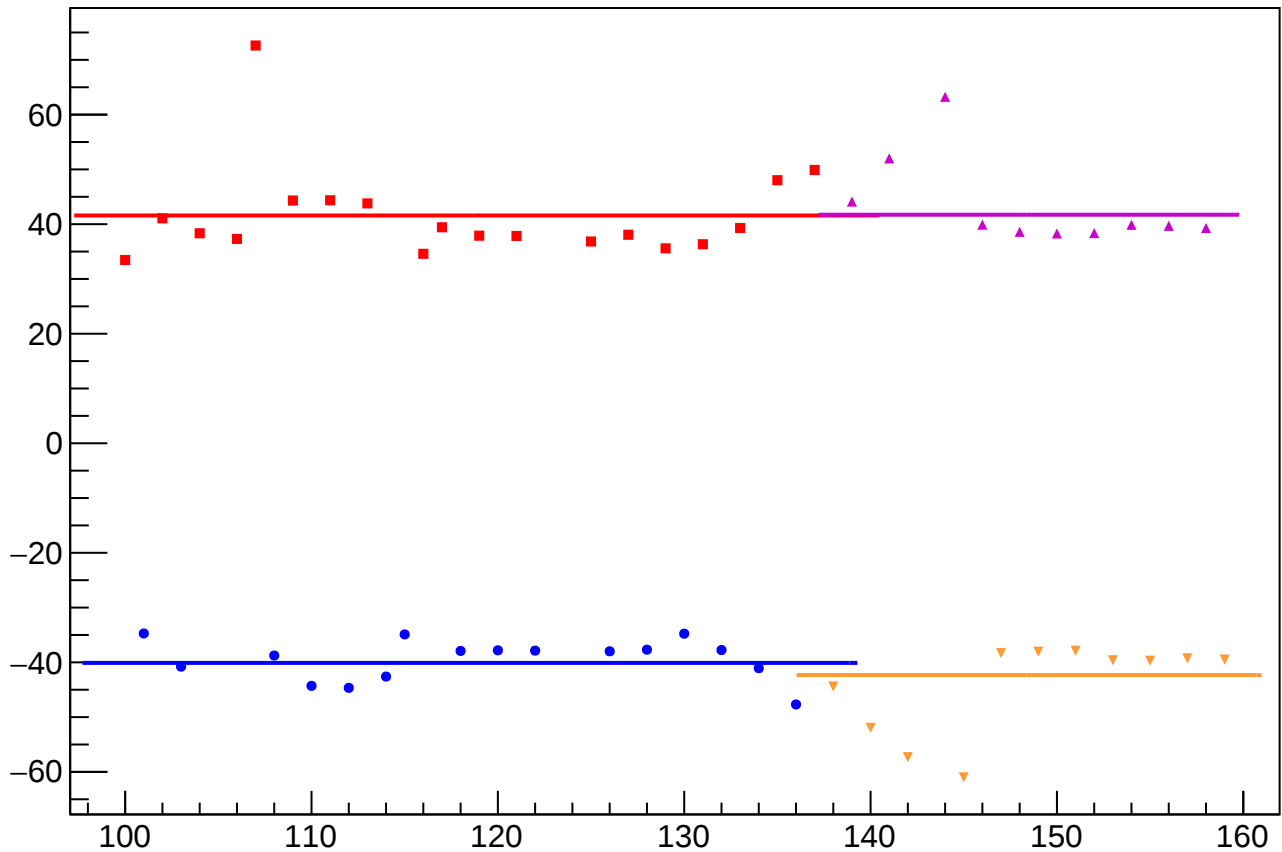
Left In: -14.620 ± 0.425 $\chi^2/\text{NDF}: 398.6/9$

13.211 ± 0.321 $\chi^2/\text{NDF}: 957.8/26$

1.049 ± 0.230 $\chi^2/\text{NDF}: 5114.3/55$

-11.803 ± 0.330 $\chi^2/\text{NDF}: 1201.0/28$

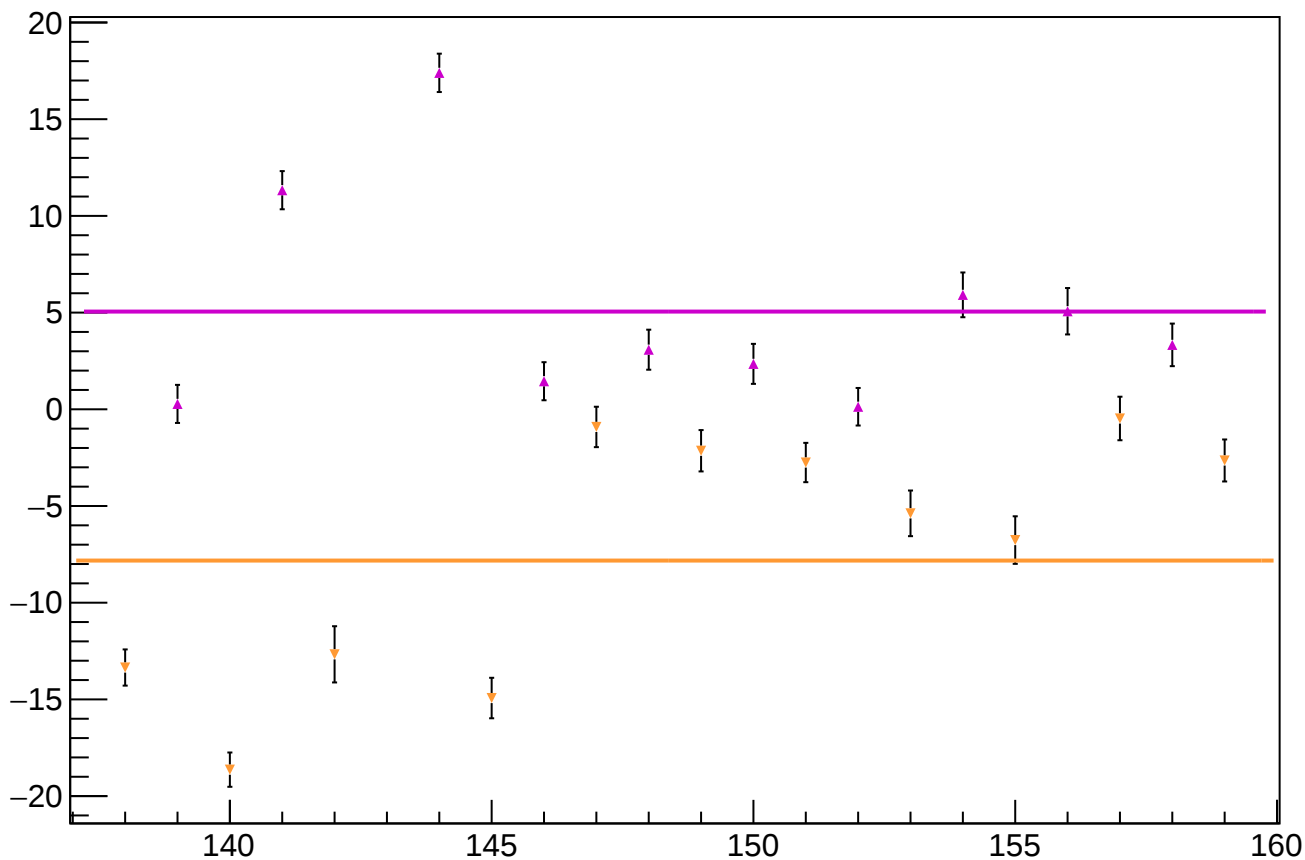
reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.098 ± 0.028 $\chi^2/\text{NDF}: 25073.4/15$
 Left Out: -42.324 ± 0.021 $\chi^2/\text{NDF}: 105460.2/10$
 Right Out: 41.588 ± 0.029 $\chi^2/\text{NDF}: 61690.5/18$
 Left In: 41.725 ± 0.020 $\chi^2/\text{NDF}: 88287.2/9$

-41.547 ± 0.017 $\chi^2/\text{NDF}: 134554.5/26$
 0.350 ± 0.012 $\chi^2/\text{NDF}: 12729323.2/55$
 41.679 ± 0.017 $\chi^2/\text{NDF}: 149993.1/28$

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -7.821+/-0.323 χ^2/NDF : 408.0/10

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

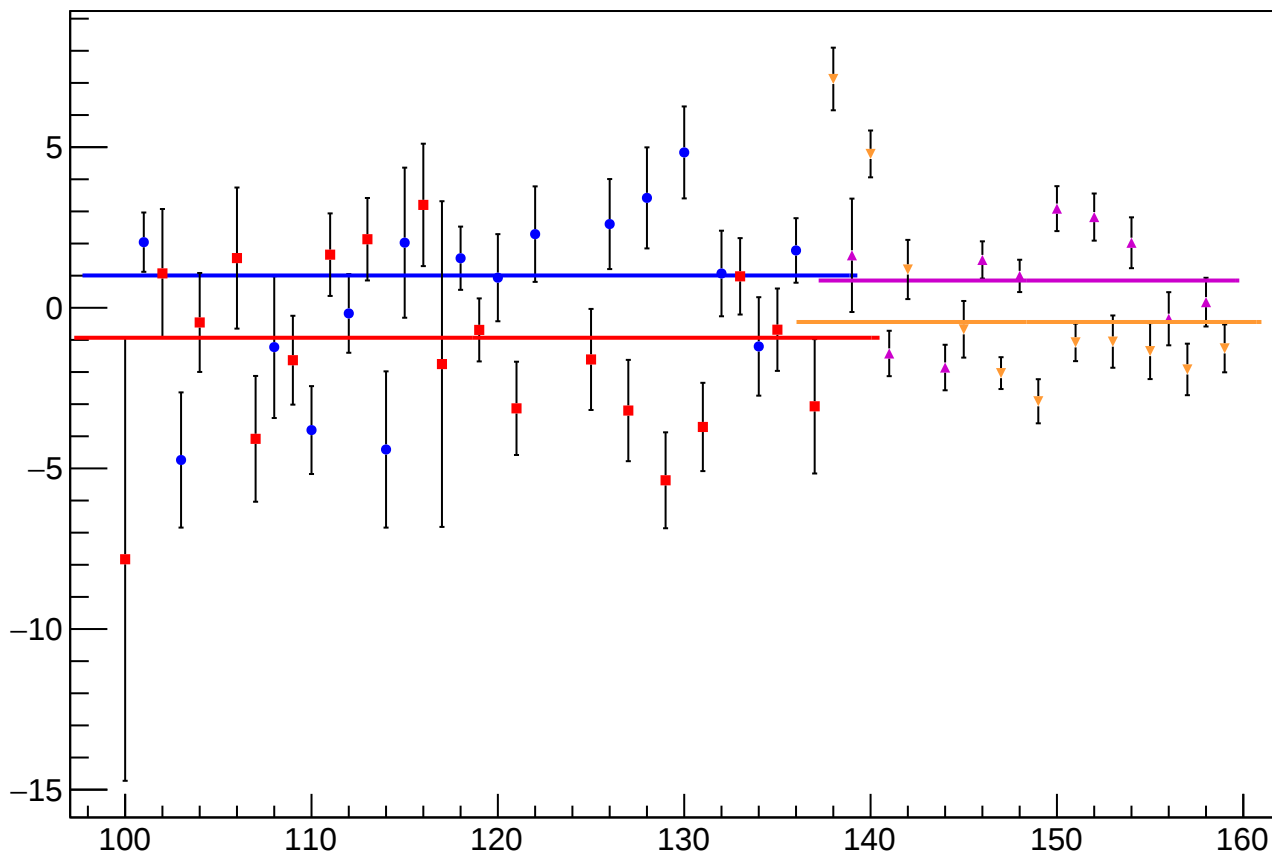
Left In: 5.053+/-0.328 χ^2/NDF : 271.4/9

-7.821+/-0.323 χ^2/NDF : 408.0/10

-1.477+/-0.230 χ^2/NDF : 1461.5/20

5.053+/-0.328 χ^2/NDF : 271.4/9

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.006 ± 0.342 χ^2/NDF : 42.7/15

Left Out: -0.442 ± 0.220 χ^2/NDF : 145.6/10

Right Out: -0.933 ± 0.352 χ^2/NDF : 41.9/18

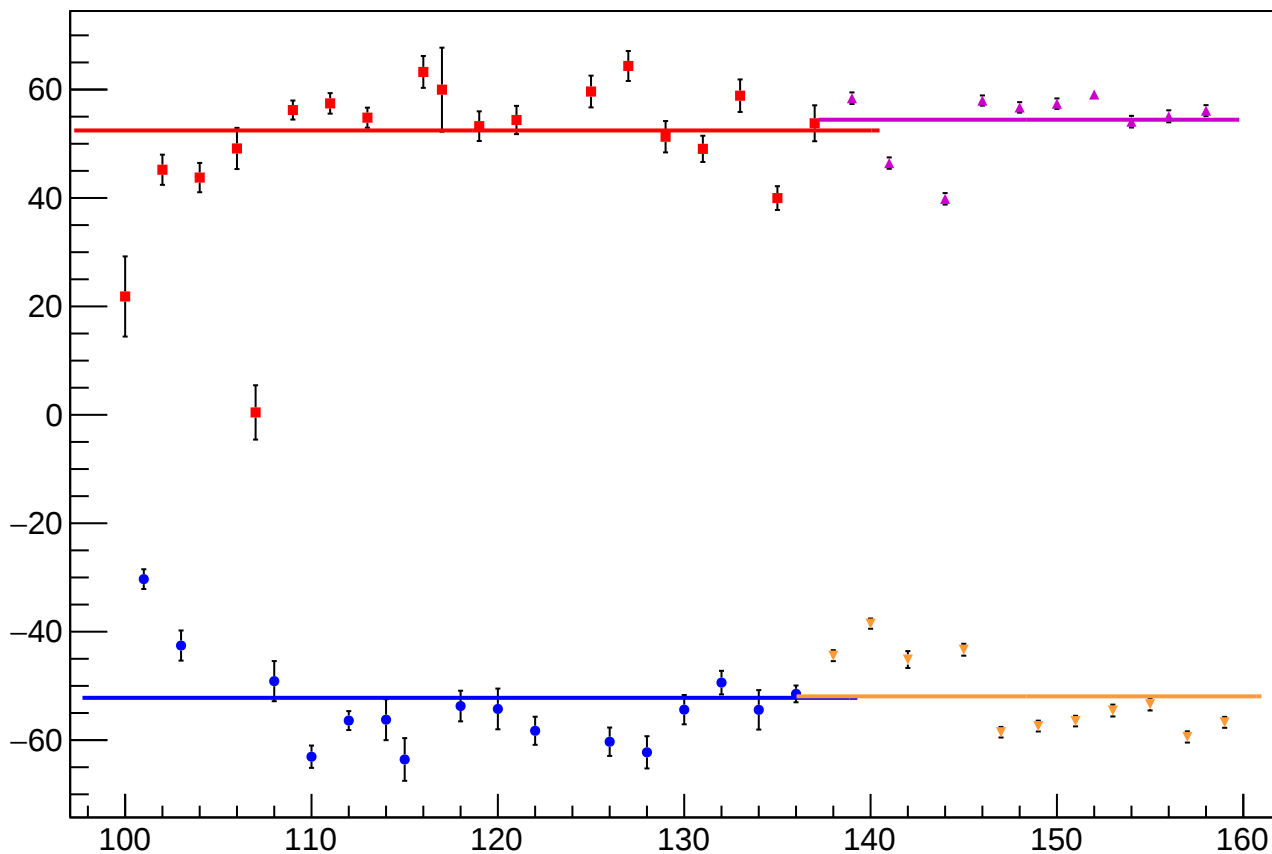
Left In: 0.849 ± 0.224 χ^2/NDF : 49.0/9

-0.018 ± 0.185 χ^2/NDF : 201.1/26

0.155 ± 0.132 χ^2/NDF : 312.0/55

0.336 ± 0.189 χ^2/NDF : 109.1/28

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.200 ± 0.615 χ^2/NDF : 230.6/15

Left Out: -51.926 ± 0.317 χ^2/NDF : 517.1/10

Right Out: 52.455 ± 0.614 χ^2/NDF : 234.8/18

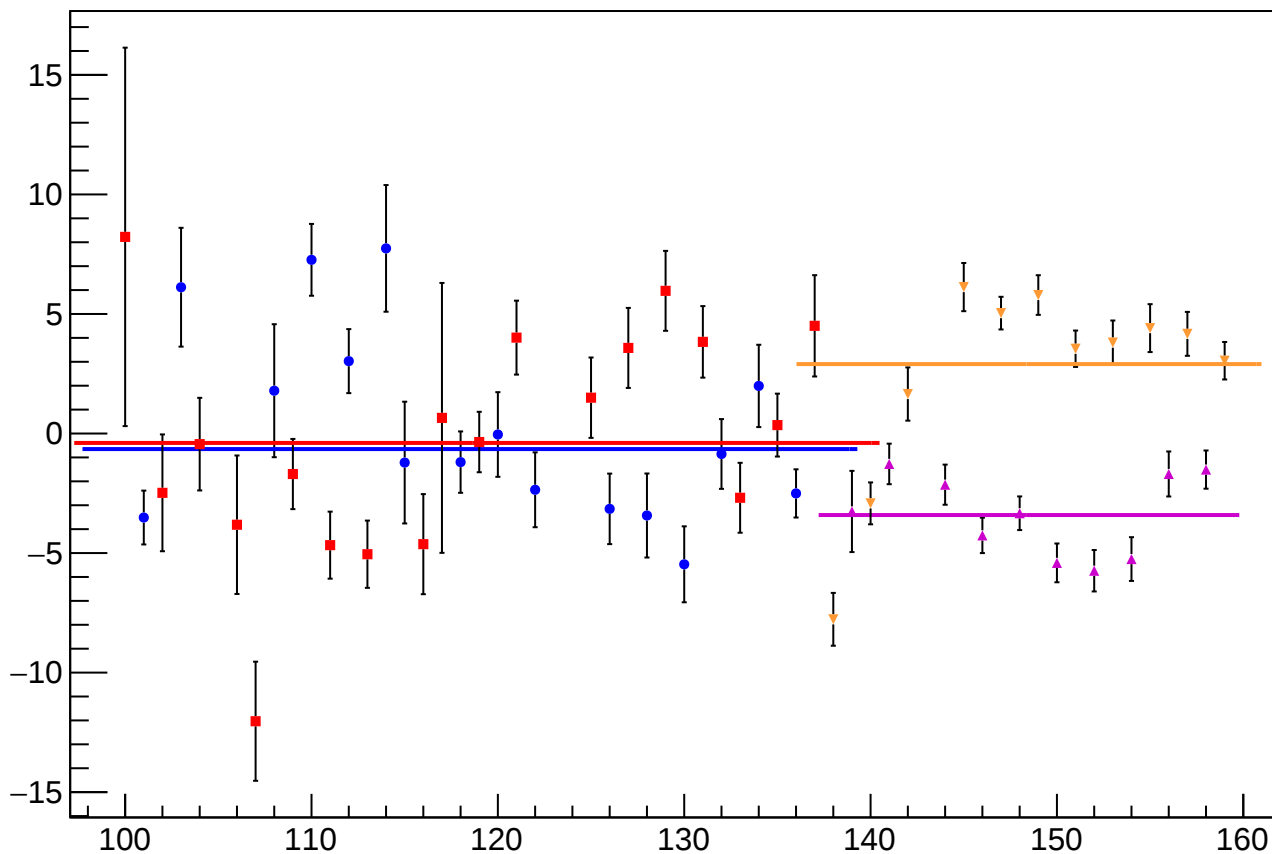
Left In: 54.435 ± 0.321 χ^2/NDF : 318.2/9

-51.984 ± 0.282 χ^2/NDF : 747.9/26

0.561 ± 0.200 χ^2/NDF : 71469.6/55

54.011 ± 0.284 χ^2/NDF : 561.3/28

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.651 ± 0.387 χ^2/NDF : 81.9/15

Left Out: 2.904 ± 0.265 χ^2/NDF : 176.7/10

Right Out: -0.394 ± 0.398 χ^2/NDF : 95.9/18

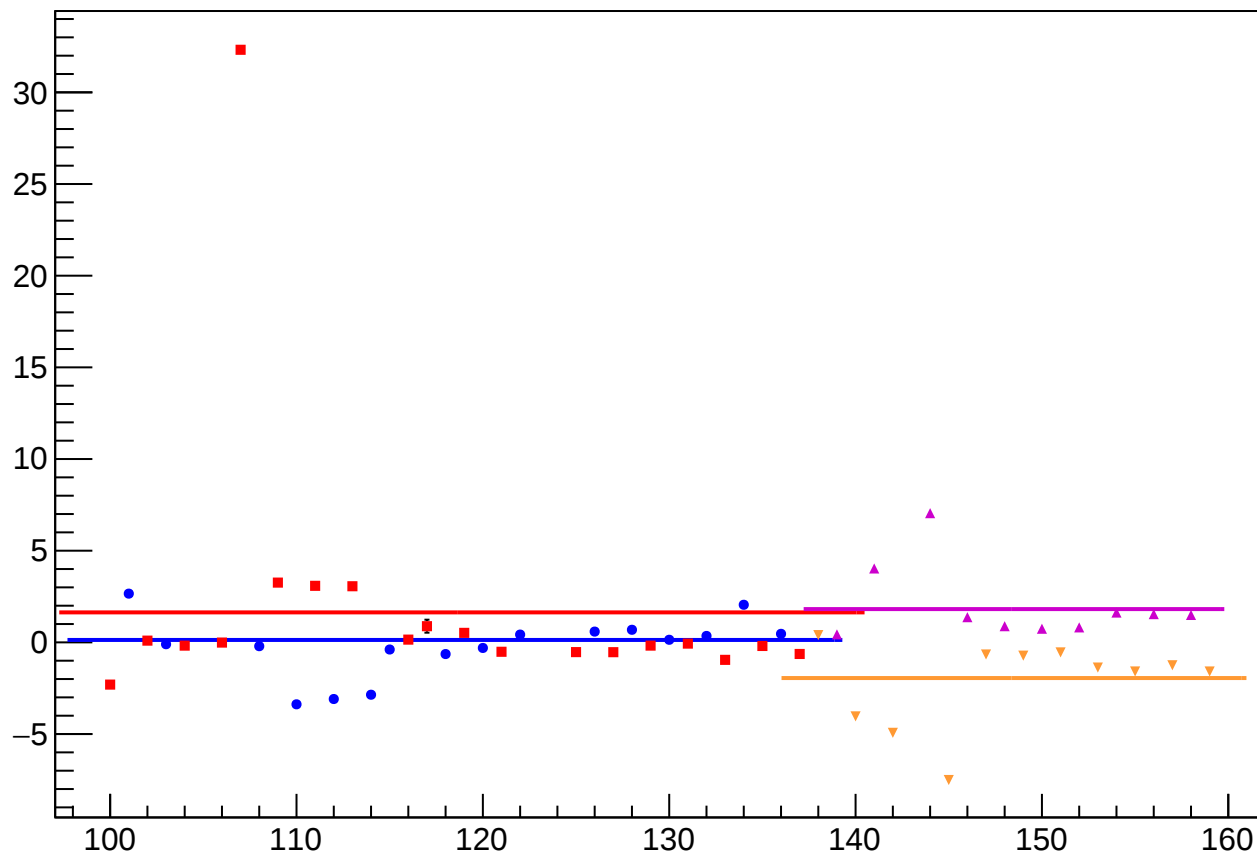
Left In: -3.410 ± 0.270 χ^2/NDF : 36.4/9

1.768 ± 0.219 χ^2/NDF : 316.1/26

-0.303 ± 0.156 χ^2/NDF : 670.7/55

-2.462 ± 0.223 χ^2/NDF : 171.6/28

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.132 ± 0.022 χ^2/NDF : 5247.5/15

Left Out: -1.946 ± 0.012 χ^2/NDF : 28421.6/10

Right Out: 1.635 ± 0.022 χ^2/NDF : 77852.9/18

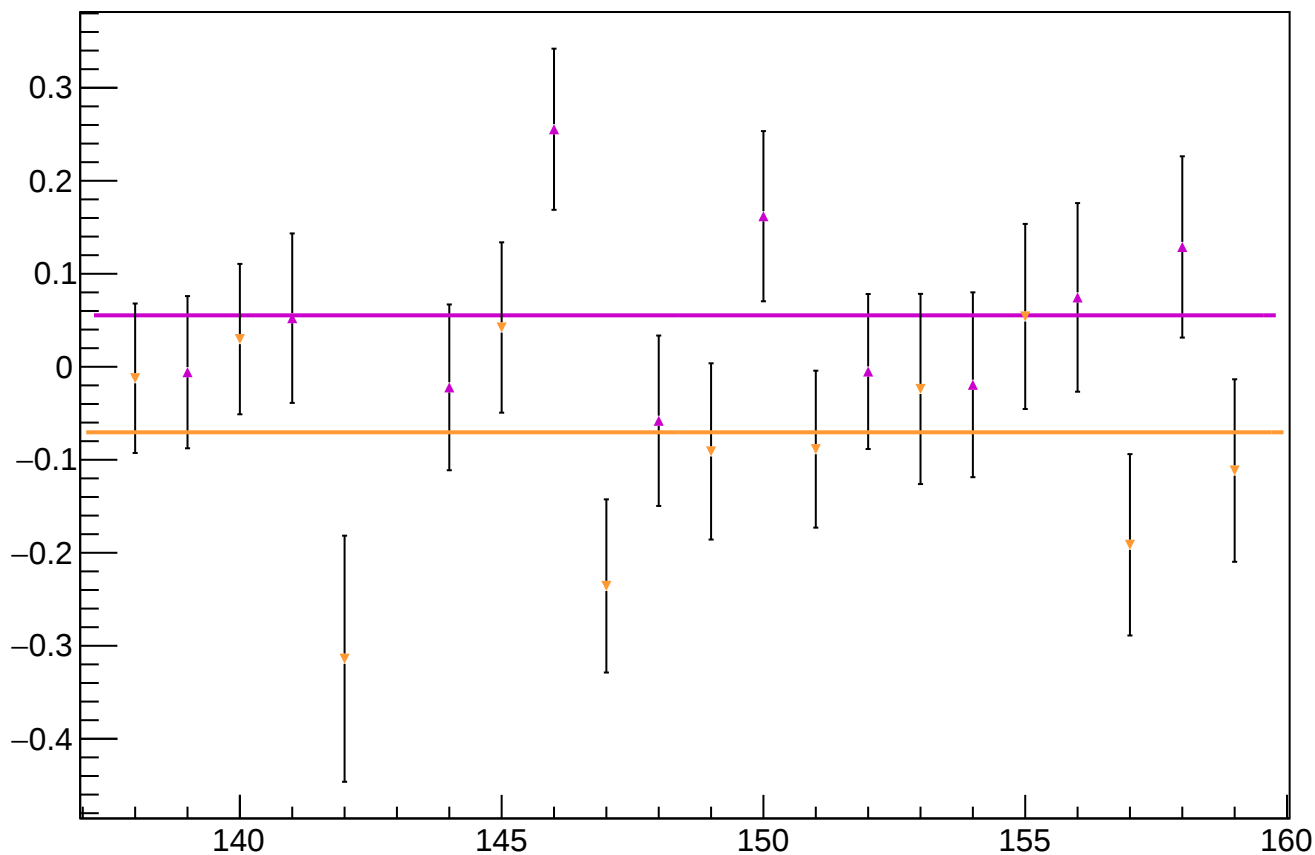
Left In: 1.815 ± 0.013 χ^2/NDF : 18989.8/9

-1.428 ± 0.011 χ^2/NDF : 40642.3/26

0.155 ± 0.008 χ^2/NDF : 181206.7/55

1.770 ± 0.011 χ^2/NDF : 96893.8/28

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.070 $\pm$ 0.028 χ^2 /NDF:13.7/10

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

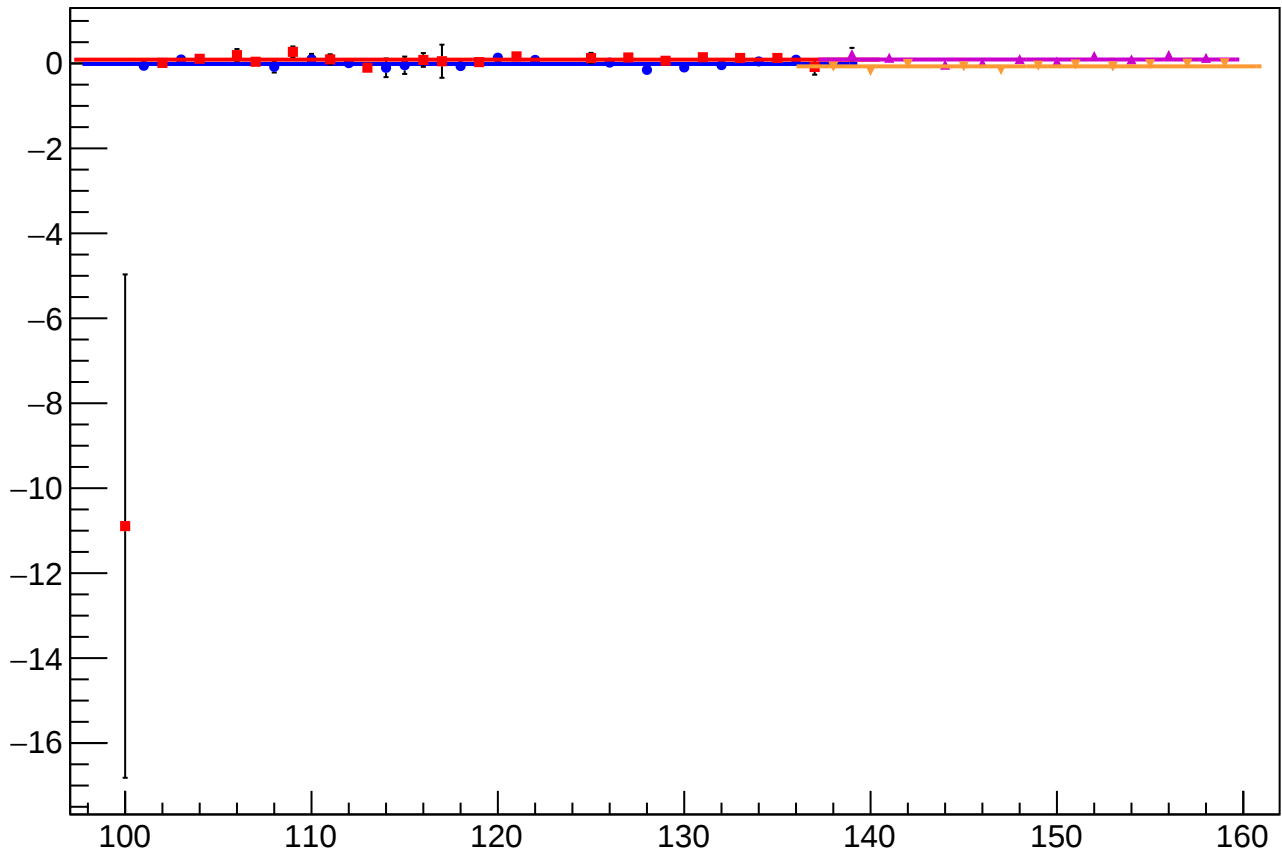
Left In: 0.055 $\pm$ 0.029 χ^2 /NDF:11.2/9

-0.070 $\pm$ 0.028 χ^2 /NDF: 13.7/10

-0.009 $\pm$ 0.020 χ^2 /NDF: 34.7/20

0.055 $\pm$ 0.029 χ^2 /NDF: 11.2/9

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.013±/0.023 χ^2 /NDF: 11.7/15

Left Out: -0.069±/0.019 χ^2 /NDF: 10.2/10

Right Out: 0.089±/0.025 χ^2 /NDF: 13.0/18

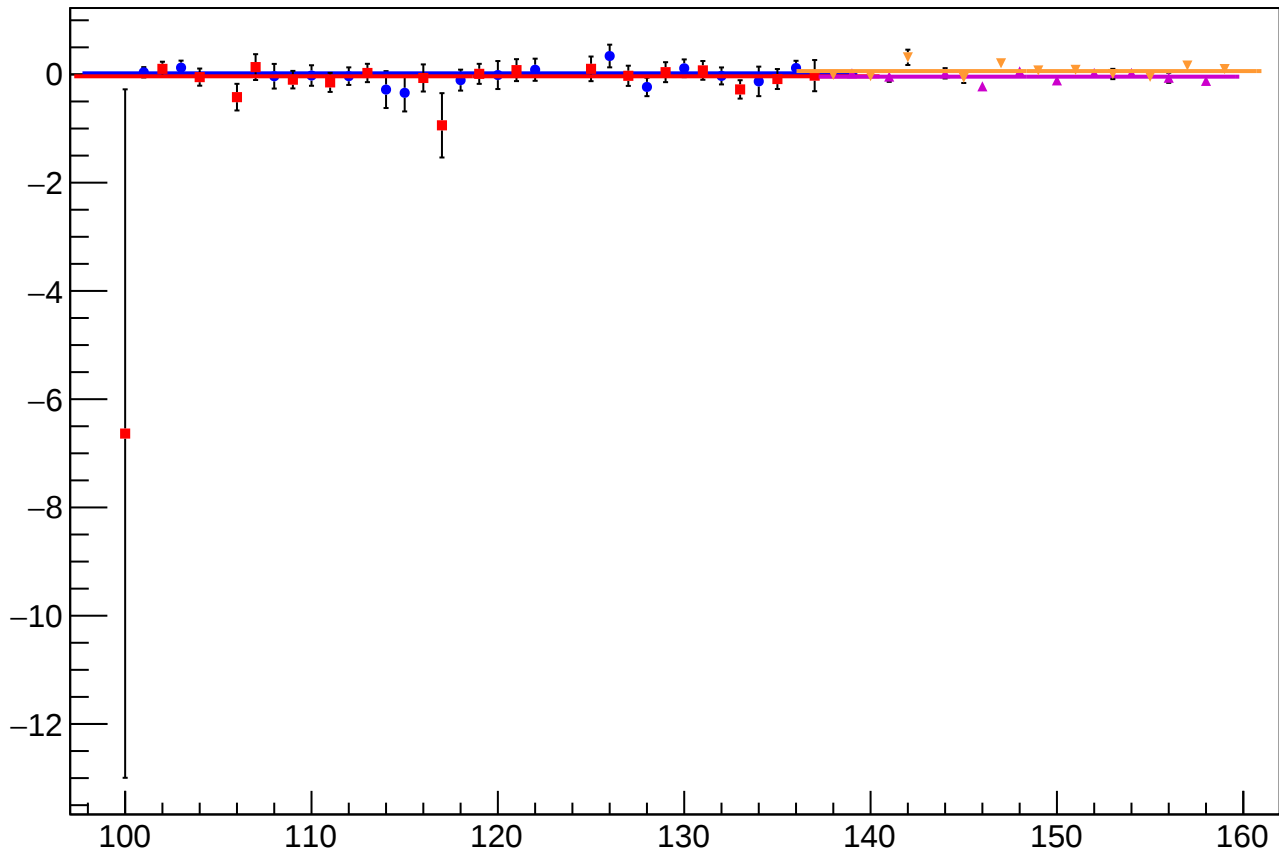
Left In: 0.092±/0.020 χ^2 /NDF: 12.3/9

-0.047±/0.015 χ^2 /NDF: 25.3/26

0.020±/0.011 χ^2 /NDF: 91.9/55

0.091±/0.015 χ^2 /NDF: 25.3/28

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.020 ± 0.043 χ^2/NDF : 9.1/15

Left Out: 0.061 ± 0.028 χ^2/NDF : 12.7/10

Right Out: -0.035 ± 0.045 χ^2/NDF : 11.6/18

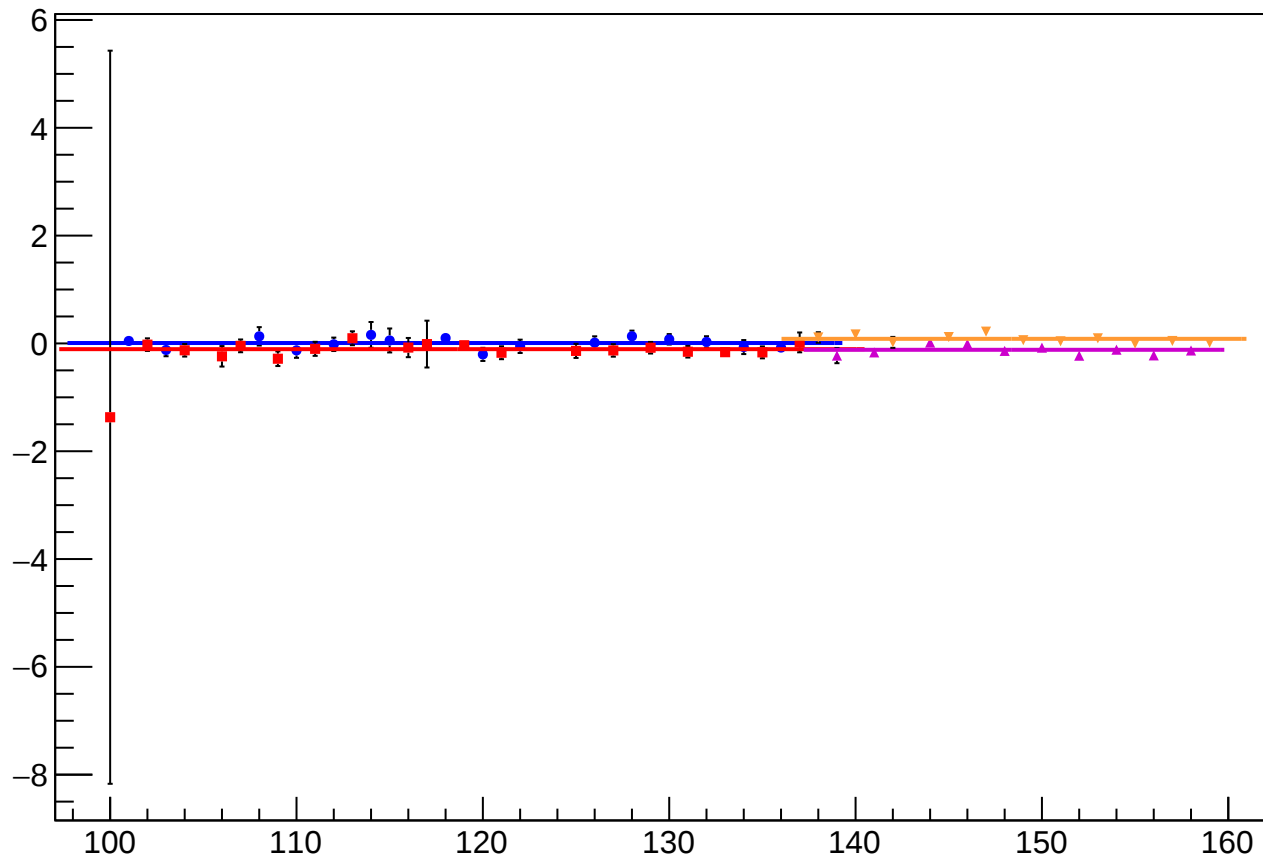
Left In: -0.042 ± 0.028 χ^2/NDF : 9.6/9

0.049 ± 0.023 χ^2/NDF : 22.4/26

0.006 ± 0.017 χ^2/NDF : 50.8/55

-0.040 ± 0.024 χ^2/NDF : 21.2/28

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.007 ± 0.027 χ^2/NDF : 11.3/15

Left Out: 0.085 ± 0.023 χ^2/NDF : 9.6/10

Right Out: -0.106 ± 0.029 χ^2/NDF : 8.2/18

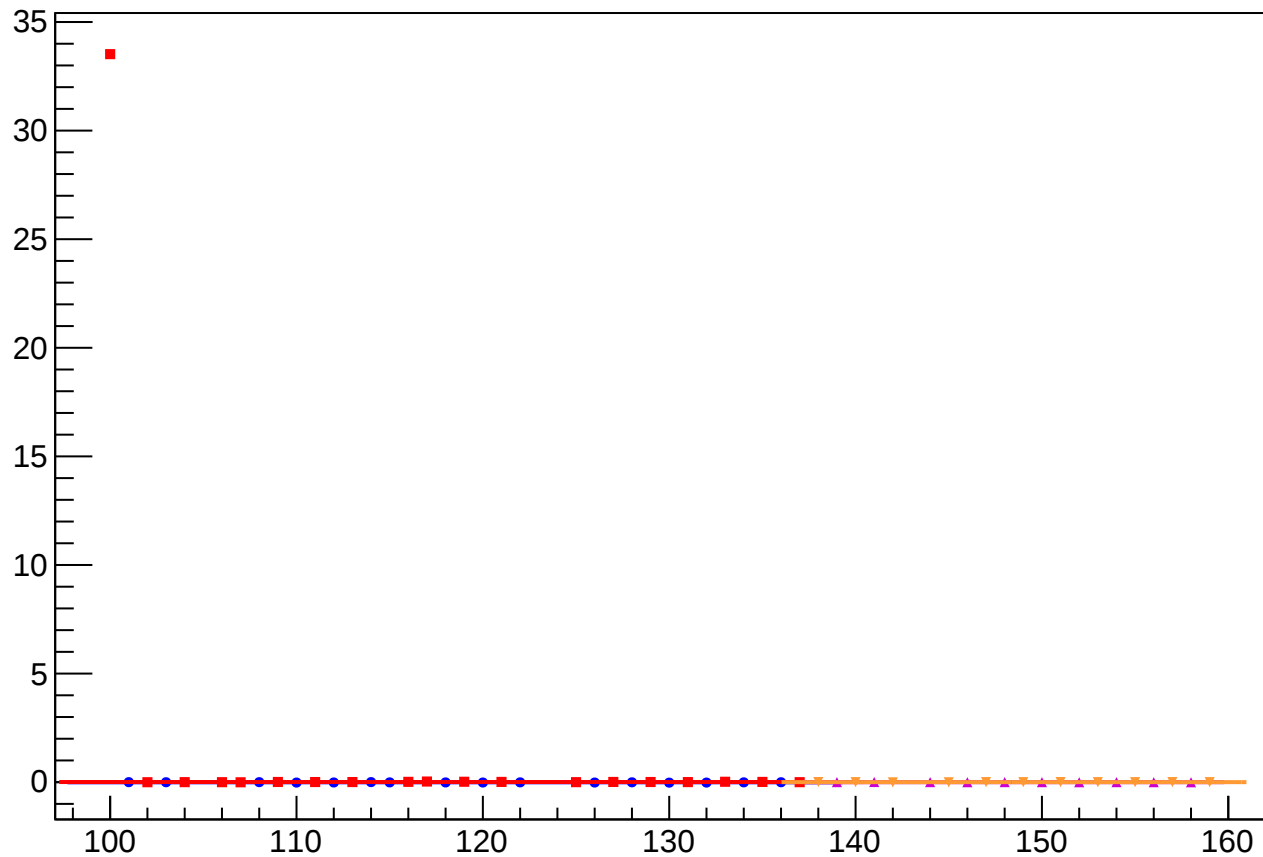
Left In: -0.118 ± 0.024 χ^2/NDF : 11.2/9

0.052 ± 0.018 χ^2/NDF : 25.6/26

-0.028 ± 0.013 χ^2/NDF : 87.9/55

-0.113 ± 0.018 χ^2/NDF : 19.5/28

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 $\chi^2/\text{NDF}: 21.8/15$

Left Out: 0.001 ± 0.001 $\chi^2/\text{NDF}: 7.1/10$

Right Out: 0.006 ± 0.001 $\chi^2/\text{NDF}: 26509.5/18$

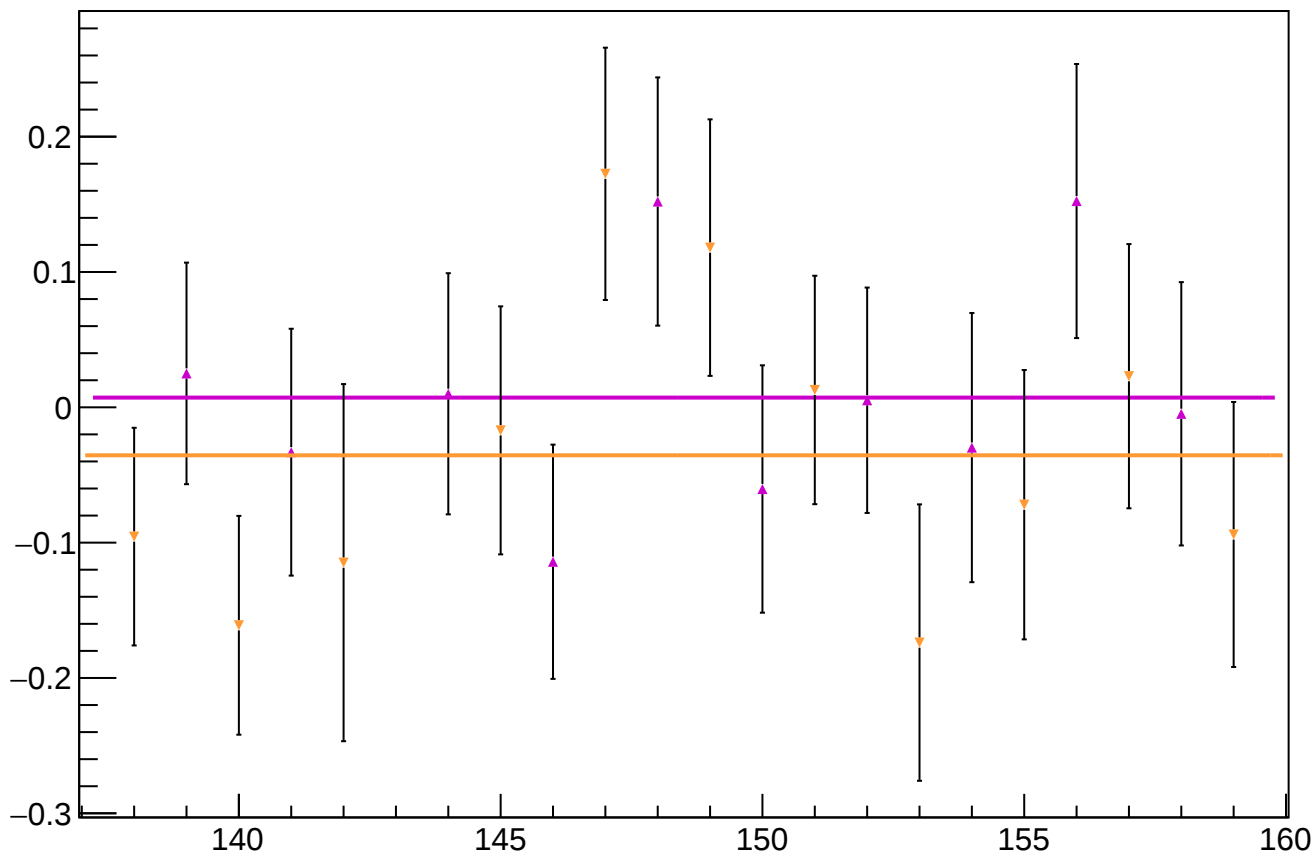
Left In: 0.000 ± 0.001 $\chi^2/\text{NDF}: 7.2/9$

-0.001 ± 0.001 $\chi^2/\text{NDF}: 41.4/26$

0.000 ± 0.001 $\chi^2/\text{NDF}: 26576.2/55$

0.002 ± 0.001 $\chi^2/\text{NDF}: 26527.4/28$

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.035 $\pm$ 0.028 χ^2 /NDF: 14.0/10

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

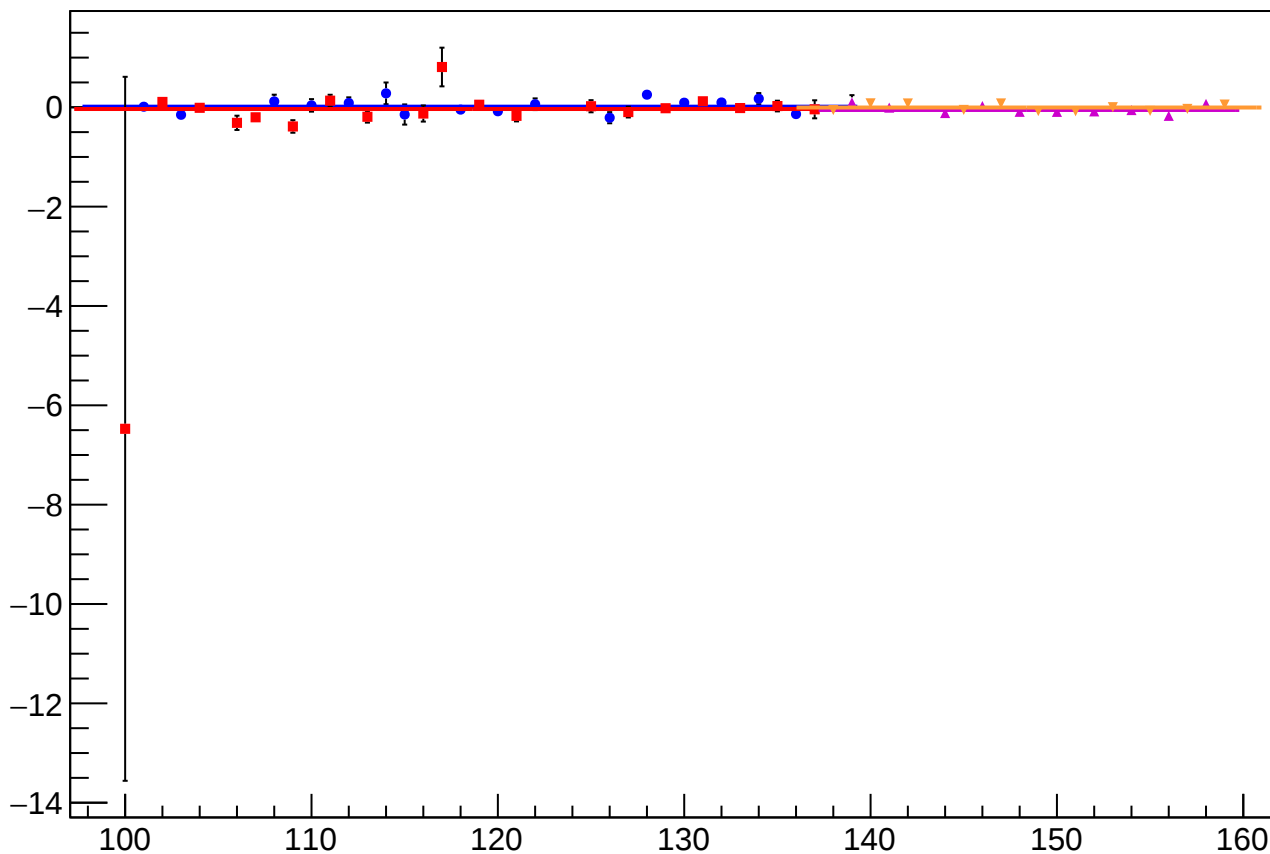
Left In: 0.007 $\pm$ 0.029 χ^2 /NDF: 7.5/9

-0.035 $\pm$ 0.028 χ^2 /NDF: 14.0/10

-0.014 $\pm$ 0.020 χ^2 /NDF: 22.6/20

0.007 $\pm$ 0.029 χ^2 /NDF: 7.5/9

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.023 χ^2 /NDF: 25.0/15

Left Out: -0.005 $\pm$ 0.019 χ^2 /NDF: 12.5/10

Right Out: -0.035 $\pm$ 0.025 χ^2 /NDF: 33.2/18

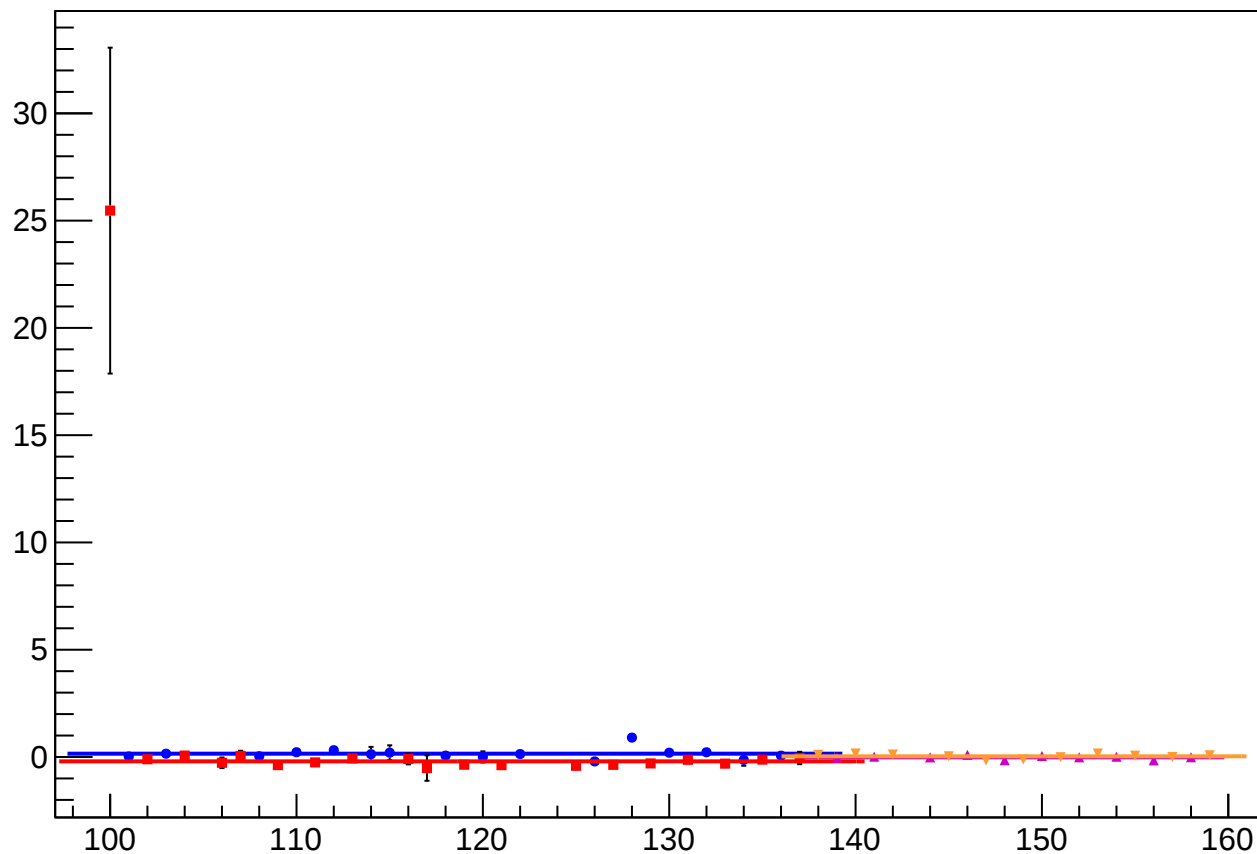
Left In: -0.054 $\pm$ 0.020 χ^2 /NDF: 12.3/9

0.002 $\pm$ 0.015 χ^2 /NDF: 37.8/26

-0.021 $\pm$ 0.011 χ^2 /NDF: 88.8/55

-0.047 $\pm$ 0.015 χ^2 /NDF: 45.9/28

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 ± 0.043 χ^2/NDF : 27.9/15

Left Out: 0.032 ± 0.028 χ^2/NDF : 13.4/10

Right Out: -0.203 ± 0.045 χ^2/NDF : 22.9/18

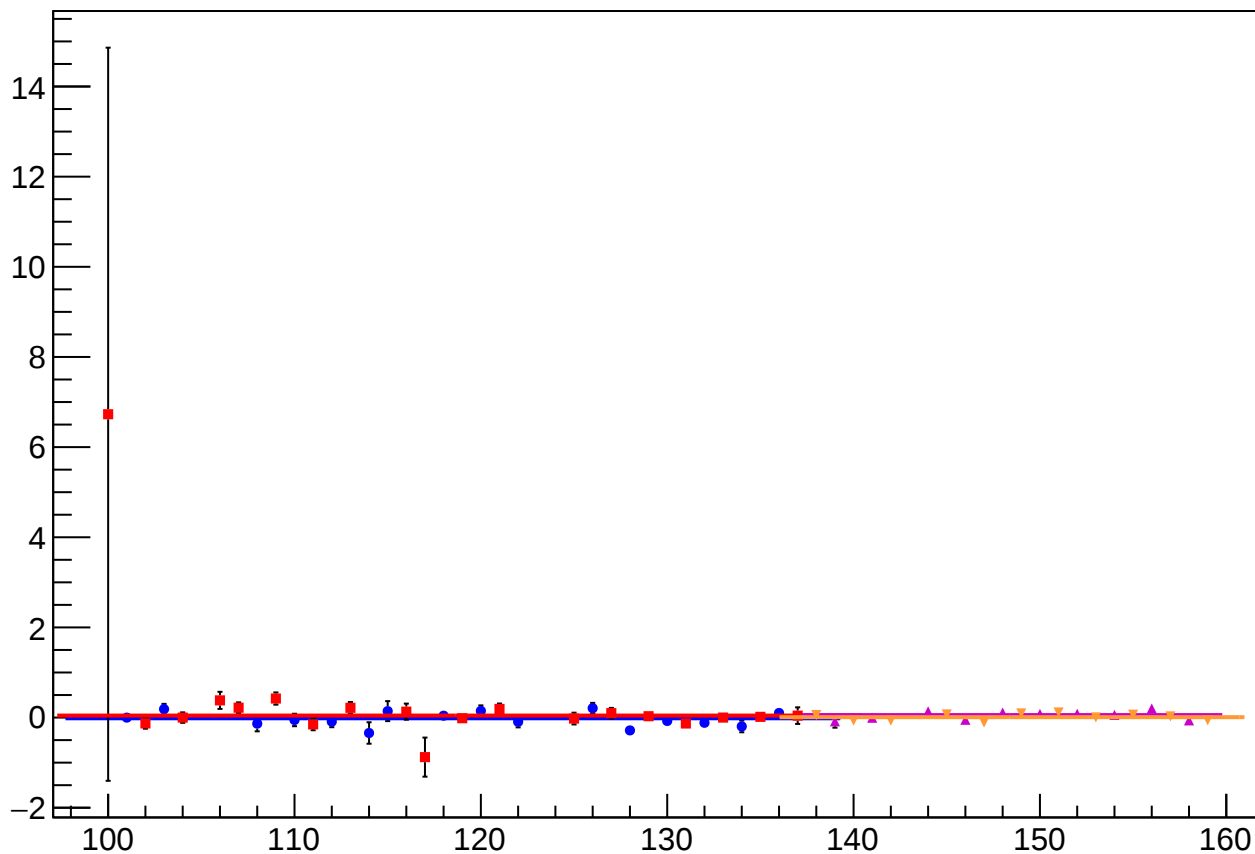
Left In: -0.017 ± 0.028 χ^2/NDF : 7.4/9

0.068 ± 0.023 χ^2/NDF : 47.1/26

0.001 ± 0.017 χ^2/NDF : 106.6/55

-0.069 ± 0.024 χ^2/NDF : 42.7/28

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.016 ± 0.027 χ^2/NDF : 24.3/15

Left Out: 0.009 ± 0.023 χ^2/NDF : 11.6/10

Right Out: 0.044 ± 0.029 χ^2/NDF : 30.5/18

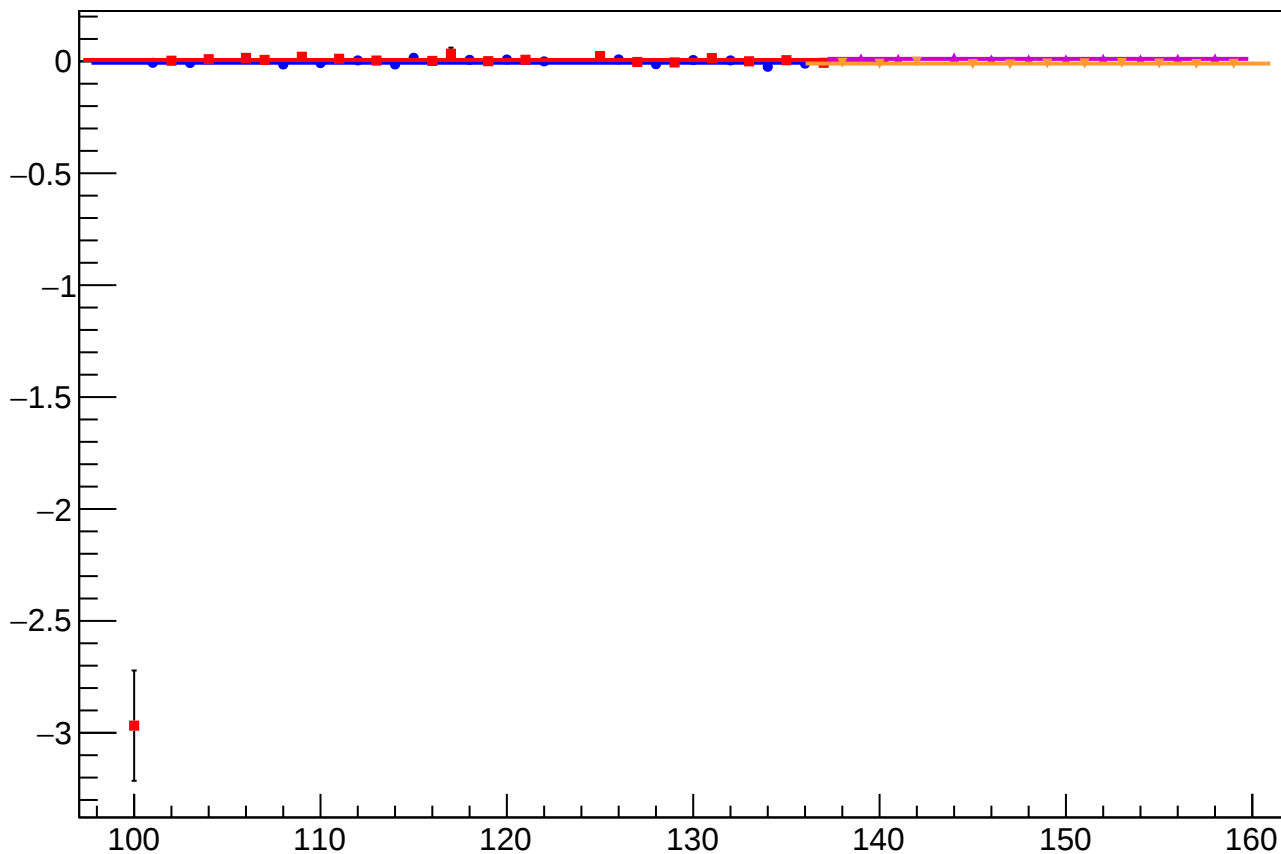
Left In: 0.055 ± 0.024 χ^2/NDF : 12.5/9

-0.002 ± 0.018 χ^2/NDF : 36.4/26

0.024 ± 0.013 χ^2/NDF : 83.7/55

0.051 ± 0.018 χ^2/NDF : 43.1/28

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006+/-0.001 χ^2 /NDF: 27.3/15

Left Out: -0.010+/-0.001 χ^2 /NDF: 5.7/10

Right Out: 0.006+/-0.001 χ^2 /NDF: 167.0/18

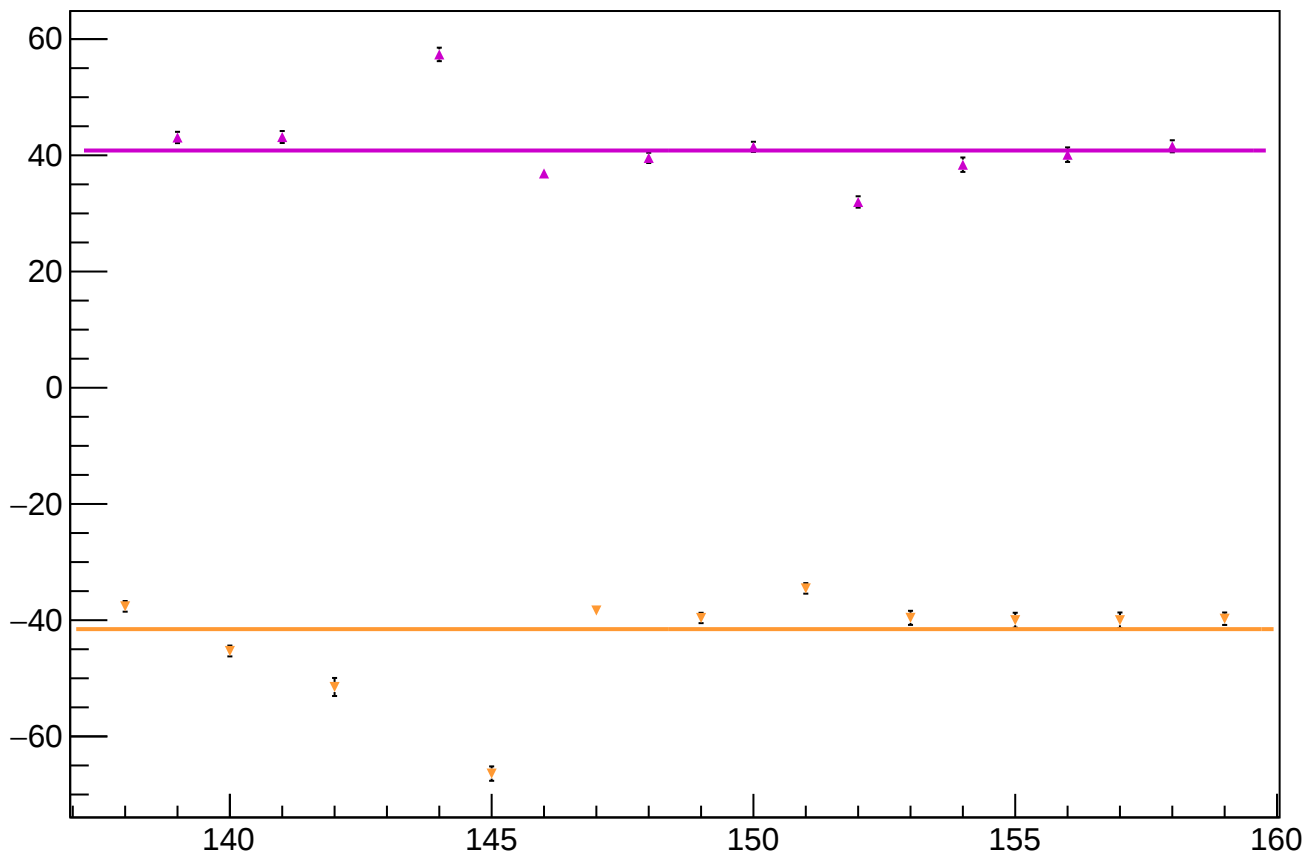
Left In: 0.011+/-0.001 χ^2 /NDF: 4.9/9

-0.009+/-0.001 χ^2 /NDF: 37.2/26

0.000+/-0.001 χ^2 /NDF: 426.5/55

0.009+/-0.001 χ^2 /NDF: 179.4/28

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -41.538+/-0.317 χ^2/NDF : 564.4/10

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

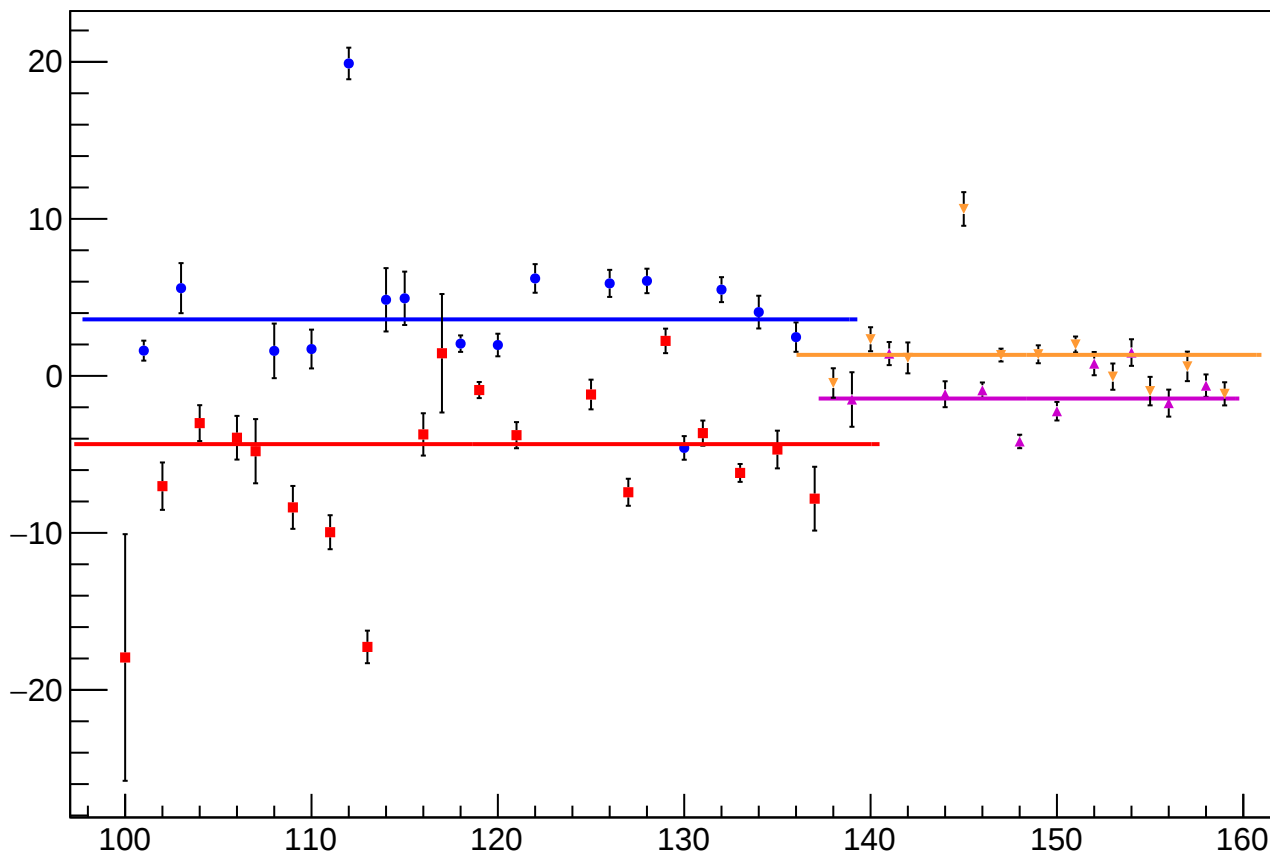
Left In: 40.827+/-0.317 χ^2/NDF : 323.8/9

-41.538+/-0.317 χ^2/NDF : 564.4/10

-0.346+/-0.224 χ^2/NDF : 34667.3/20

40.827+/-0.317 χ^2/NDF : 323.8/9

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.599 ± 0.220 χ^2/NDF : 443.4/15

Left Out: 1.338 ± 0.207 χ^2/NDF : 103.5/10

Right Out: -4.347 ± 0.224 χ^2/NDF : 355.4/18

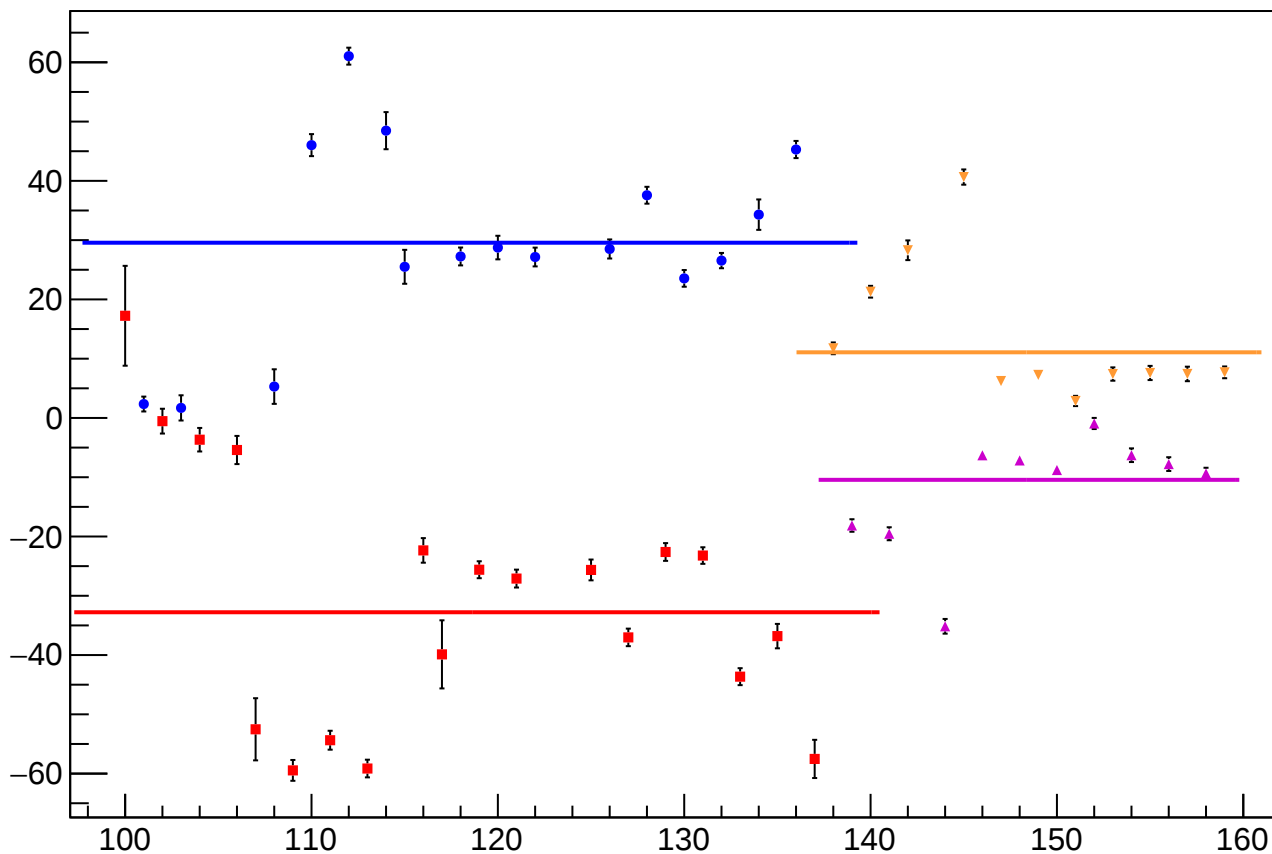
Left In: -1.443 ± 0.211 χ^2/NDF : 81.3/9

2.399 ± 0.151 χ^2/NDF : 602.8/26

-0.157 ± 0.108 χ^2/NDF : 1712.1/55

-2.803 ± 0.154 χ^2/NDF : 525.7/28

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.564 $\pm$ 0.420 χ^2/NDF : 1494.6/15

Left Out: 11.075 $\pm$ 0.309 χ^2/NDF : 928.5/10

Right Out: -32.780 $\pm$ 0.422 χ^2/NDF : 1664.8/18

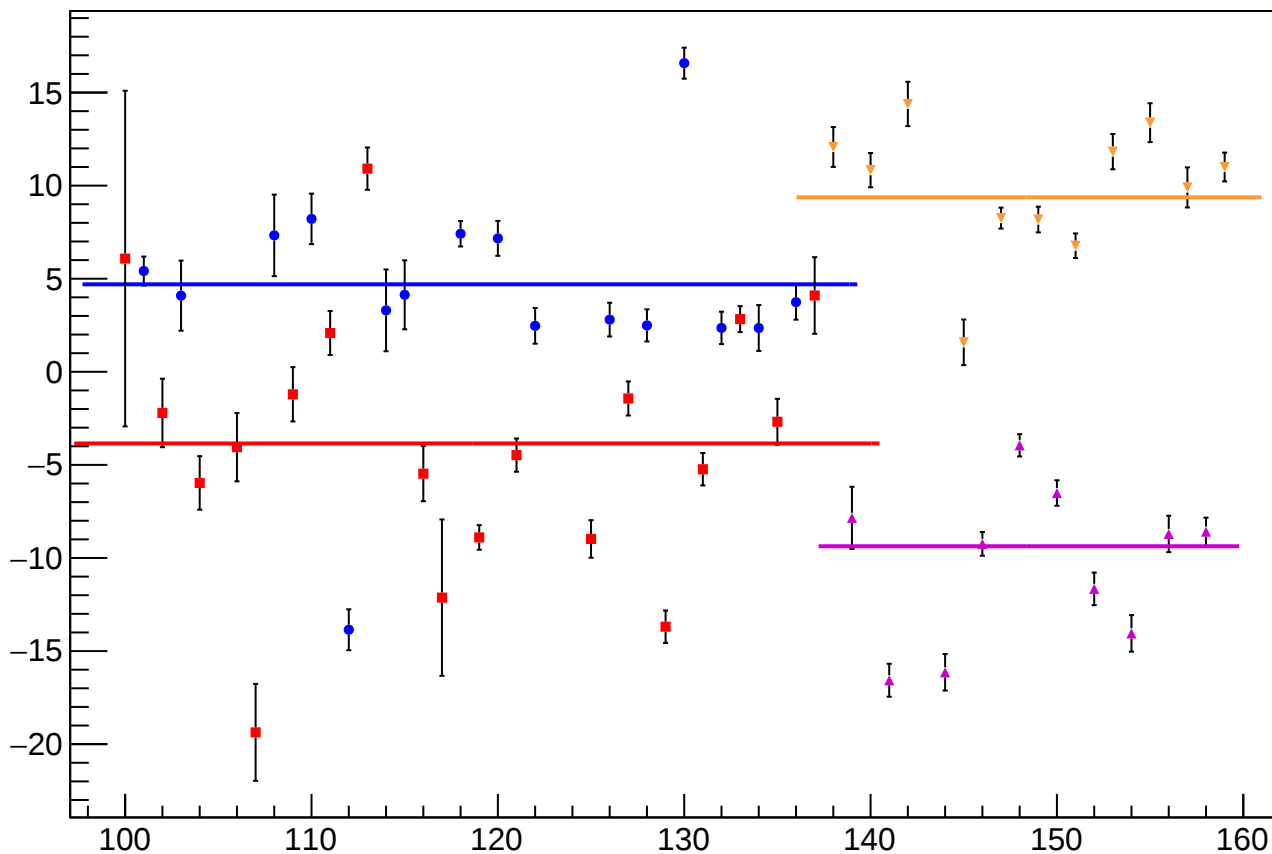
Left In: -10.439 $\pm$ 0.308 χ^2/NDF : 686.1/9

17.574 $\pm$ 0.249 χ^2/NDF : 3682.6/26

-0.326 $\pm$ 0.176 χ^2/NDF : 18217.6/55

-18.206 $\pm$ 0.249 χ^2/NDF : 4182.6/28

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.699 ± 0.254 χ^2/NDF : 548.9/15

Left Out: 9.374 ± 0.254 χ^2/NDF : 115.6/10

Right Out: -3.848 ± 0.258 χ^2/NDF : 571.5/18

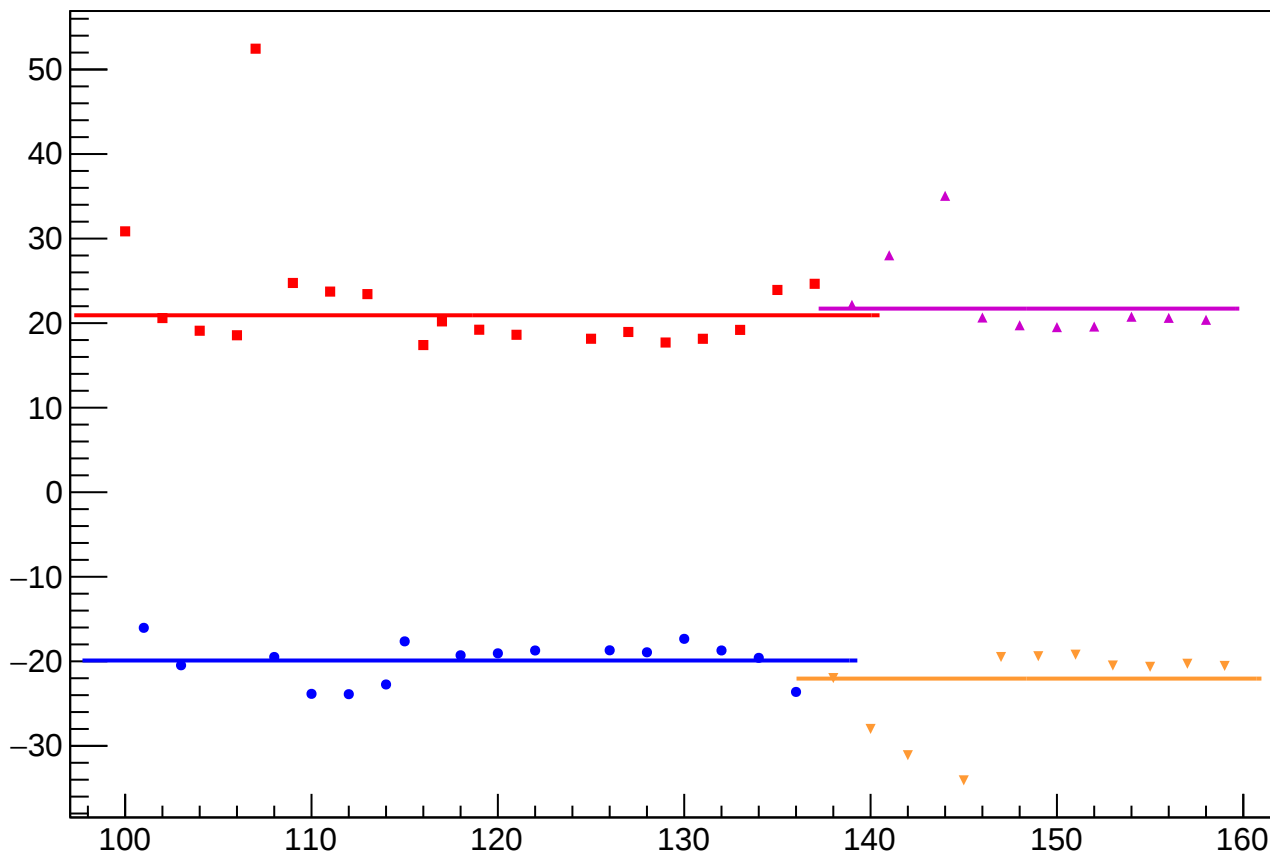
Left In: -9.370 ± 0.256 χ^2/NDF : 245.2/9

7.039 ± 0.180 χ^2/NDF : 834.0/26

0.293 ± 0.128 χ^2/NDF : 4741.5/55

-6.627 ± 0.182 χ^2/NDF : 1047.3/28

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.902±/-0.016 χ^2/NDF : 26054.0/15

Left Out: -22.042±/-0.012 χ^2/NDF : 114910.2/10

Right Out: 20.928±/-0.016 χ^2/NDF : 94015.9/18

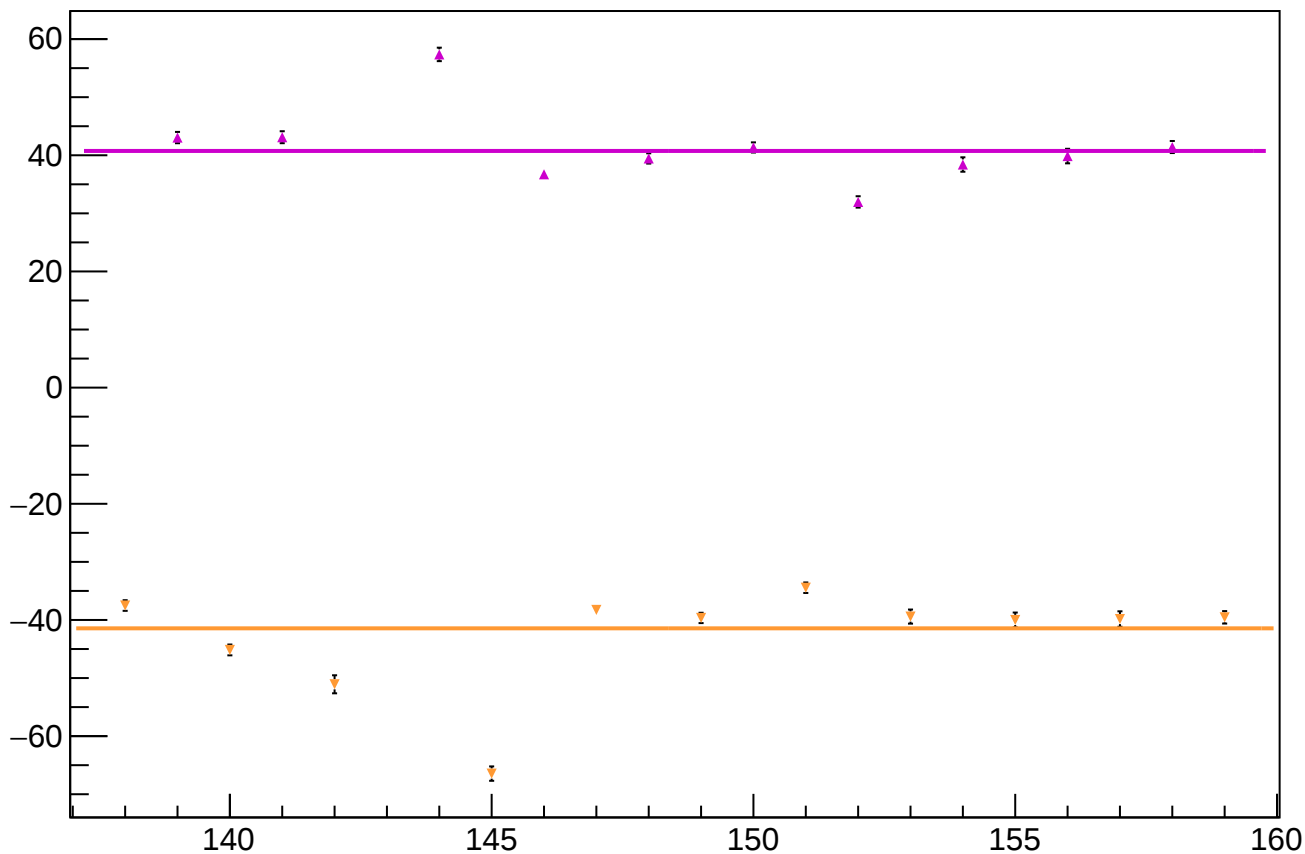
Left In: 21.717±/-0.012 χ^2/NDF : 94291.4/9

-21.220±/-0.010 χ^2/NDF : 152476.6/26

0.280±/-0.007 χ^2/NDF : 10086271.2/55

21.421±/-0.010 χ^2/NDF : 189885.1/28

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -41.441+/-0.317 χ^2/NDF : 566.3/10

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

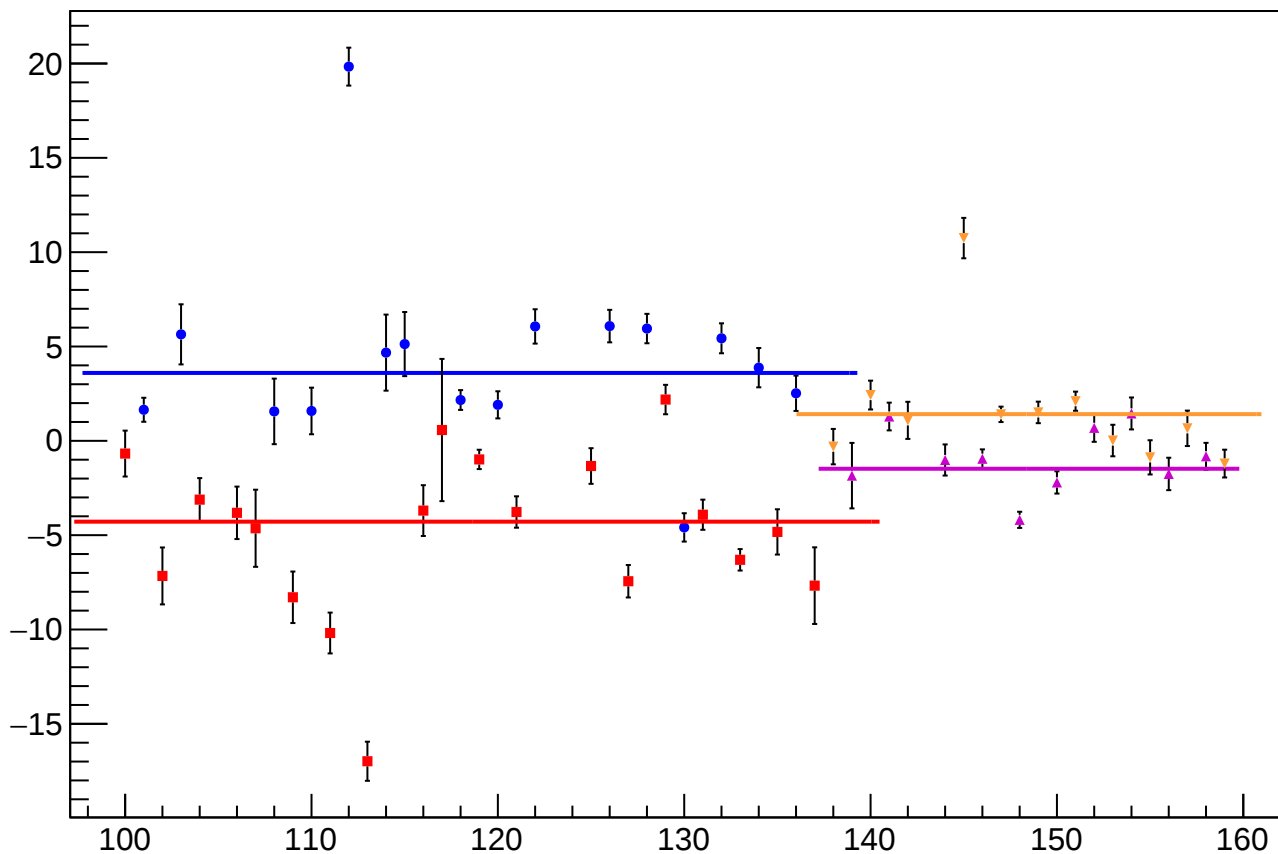
Left In: 40.744+/-0.317 χ^2/NDF : 325.8/9

-41.441+/-0.317 χ^2/NDF : 566.3/10

-0.337+/-0.224 χ^2/NDF : 34564.2/20

40.744+/-0.317 χ^2/NDF : 325.8/9

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.599 ± 0.220 χ^2/NDF : 440.3/15

Left Out: 1.415 ± 0.207 χ^2/NDF : 105.6/10

Right Out: -4.284 ± 0.221 χ^2/NDF : 353.8/18

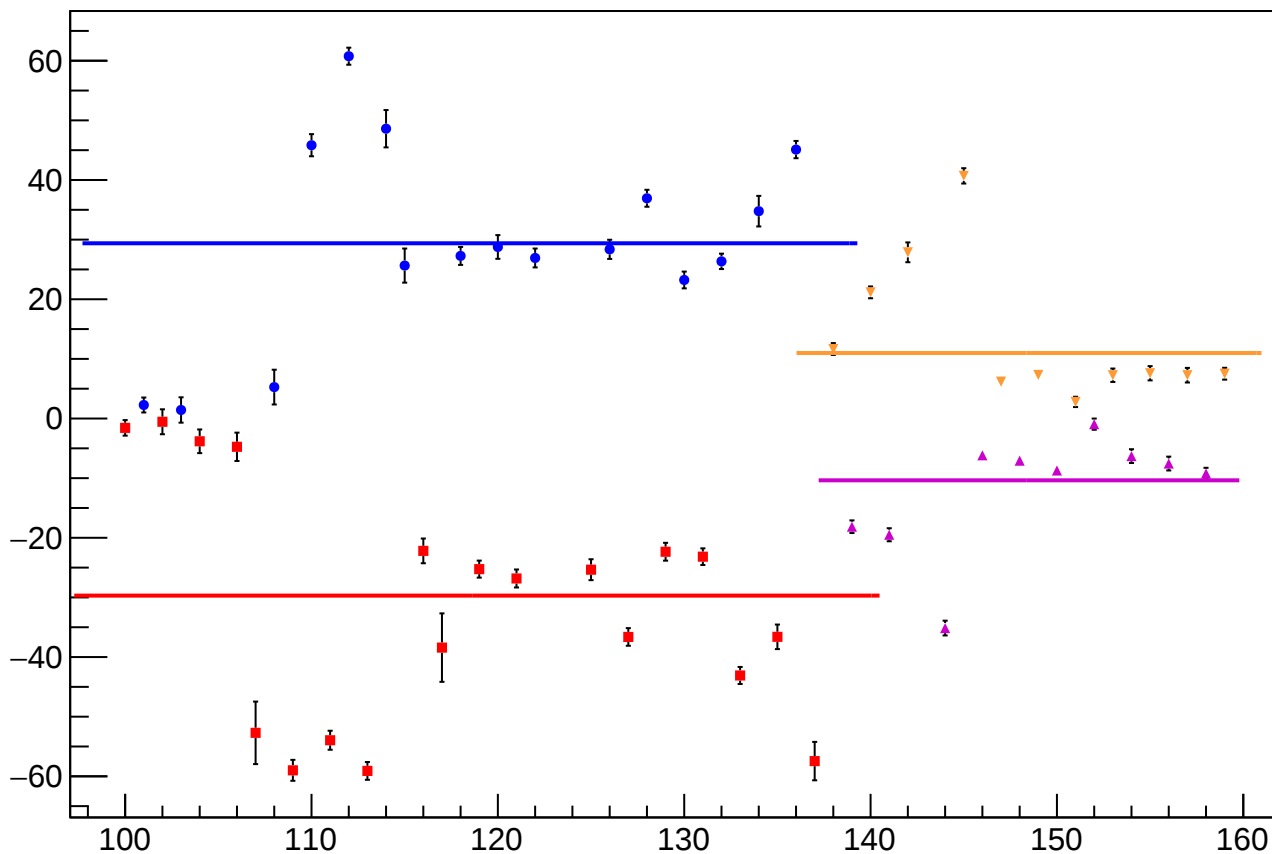
Left In: -1.480 ± 0.211 χ^2/NDF : 78.6/9

2.440 ± 0.151 χ^2/NDF : 598.1/26

-0.162 ± 0.107 χ^2/NDF : 1716.3/55

-2.817 ± 0.152 χ^2/NDF : 517.0/28

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.387 $\pm$ 0.419 χ^2/NDF : 1488.6/15

Left Out: 10.992 $\pm$ 0.309 χ^2/NDF : 928.2/10

Right Out: -29.695 $\pm$ 0.401 χ^2/NDF : 2133.3/18

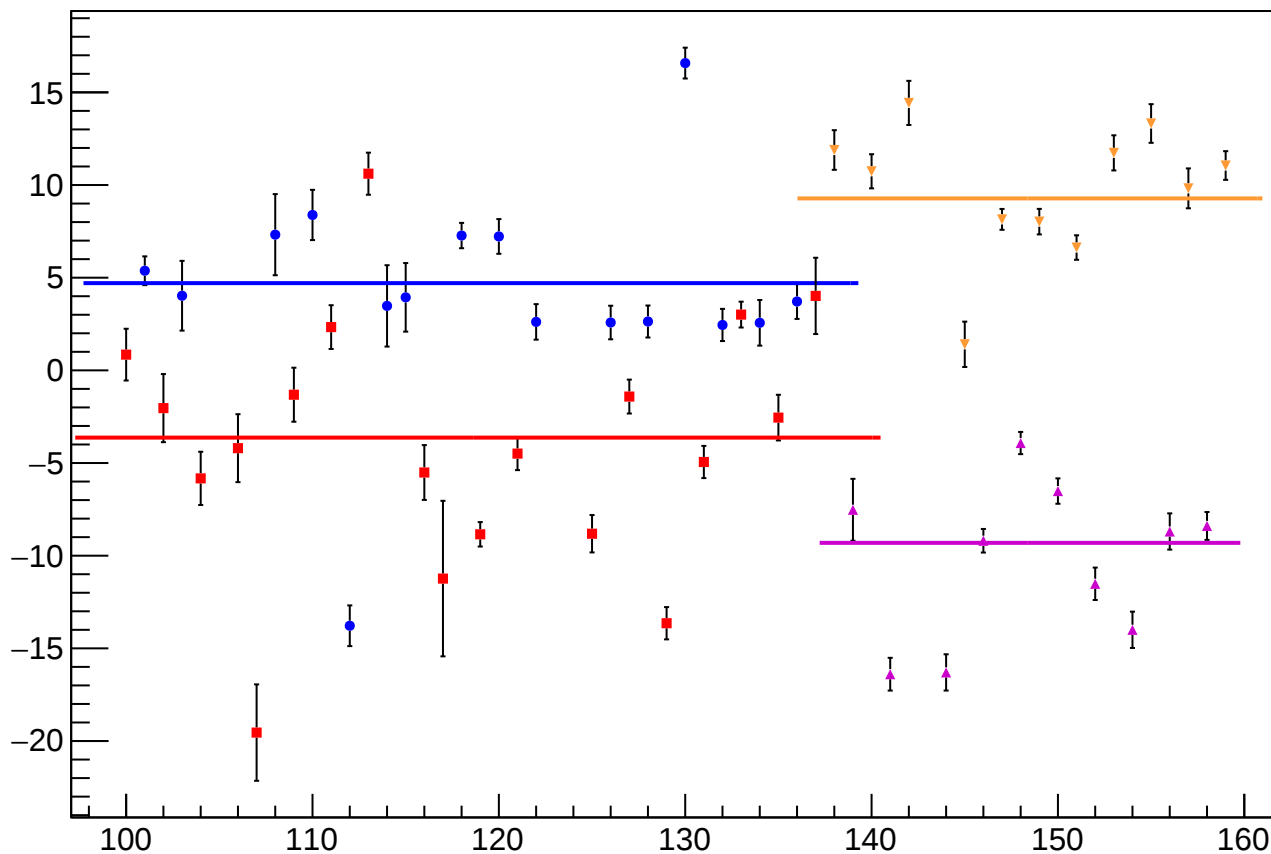
Left In: -10.363 $\pm$ 0.308 χ^2/NDF : 689.7/9

17.459 $\pm$ 0.249 χ^2/NDF : 3665.2/26

-0.343 $\pm$ 0.174 χ^2/NDF : 18026.0/55

-17.516 $\pm$ 0.244 χ^2/NDF : 4284.6/28

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.706 ± 0.254 $\chi^2/\text{NDF}: 545.2/15$

Left Out: 9.277 ± 0.254 $\chi^2/\text{NDF}: 119.3/10$

Right Out: -3.629 ± 0.254 $\chi^2/\text{NDF}: 576.7/18$

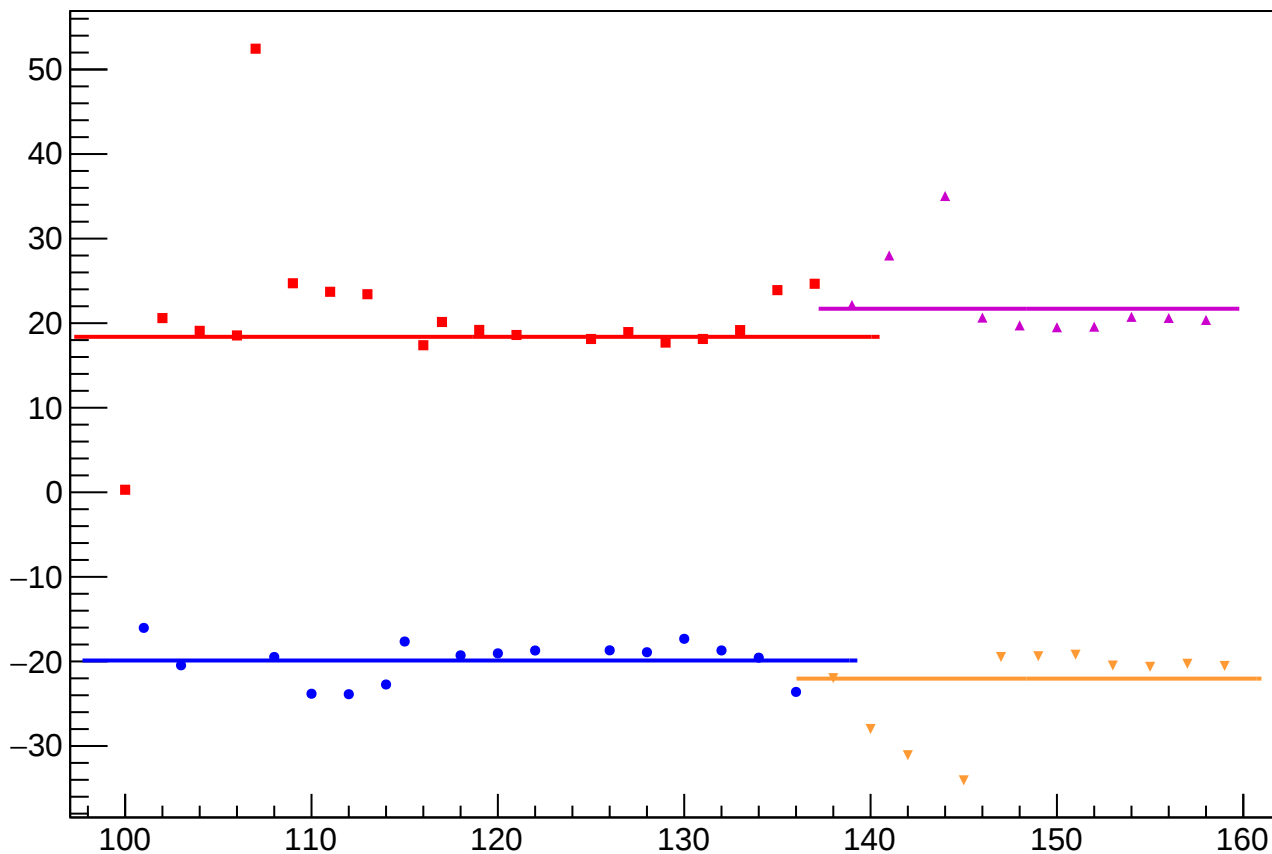
Left In: -9.307 ± 0.256 $\chi^2/\text{NDF}: 245.1/9$

6.994 ± 0.179 $\chi^2/\text{NDF}: 826.7/26$

0.307 ± 0.127 $\chi^2/\text{NDF}: 4687.2/55$

-6.440 ± 0.180 $\chi^2/\text{NDF}: 1070.0/28$

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.890 ± 0.016 $\chi^2/\text{NDF}: 26044.4/15$

Left Out: -22.033 ± 0.012 $\chi^2/\text{NDF}: 114985.7/10$

Right Out: 18.386 ± 0.015 $\chi^2/\text{NDF}: 301044.3/18$

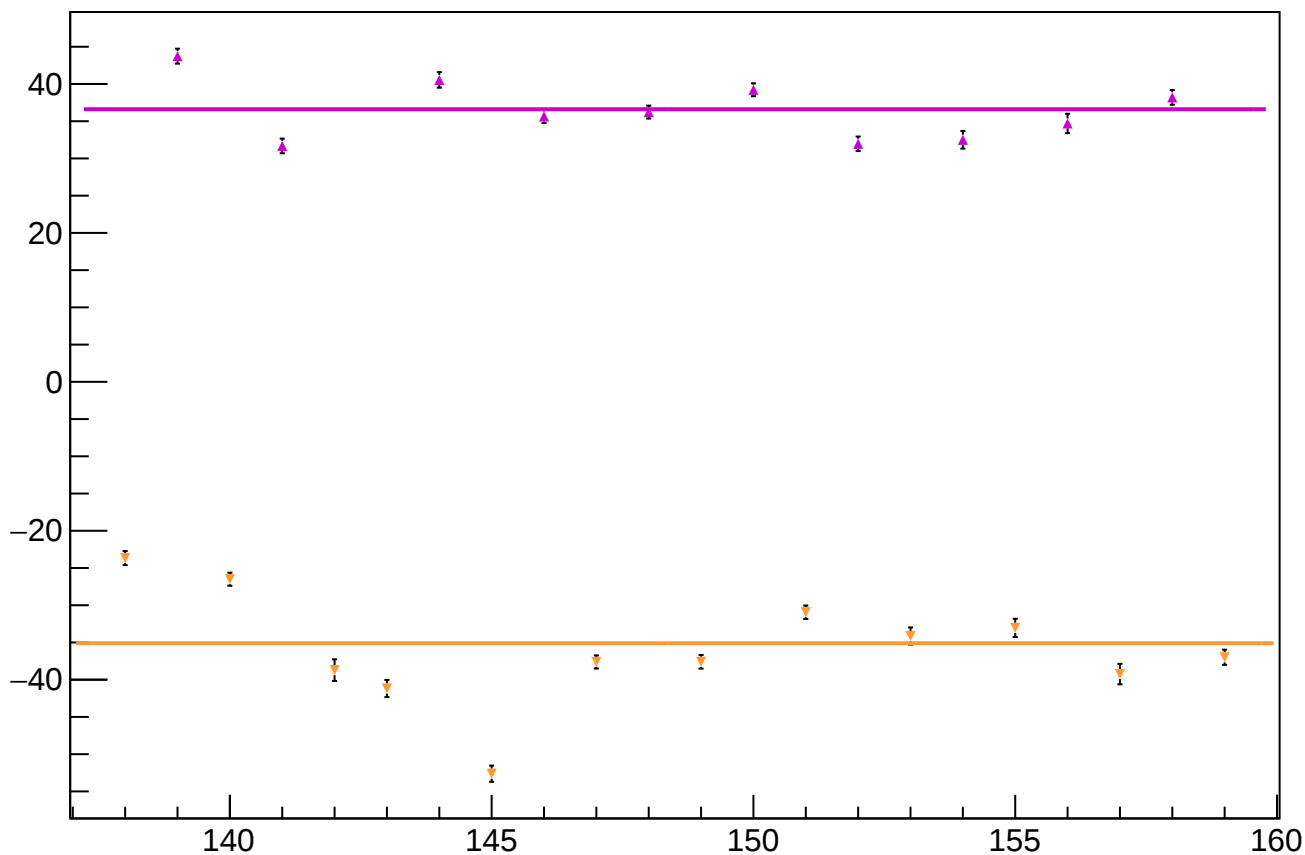
Left In: 21.706 ± 0.012 $\chi^2/\text{NDF}: 94238.5/9$

-21.210 ± 0.010 $\chi^2/\text{NDF}: 152594.7/26$

0.261 ± 0.007 $\chi^2/\text{NDF}: 10076075.3/55$

20.359 ± 0.009 $\chi^2/\text{NDF}: 425509.3/28$

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -35.104+/-0.300 χ^2/NDF : 588.0/11

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

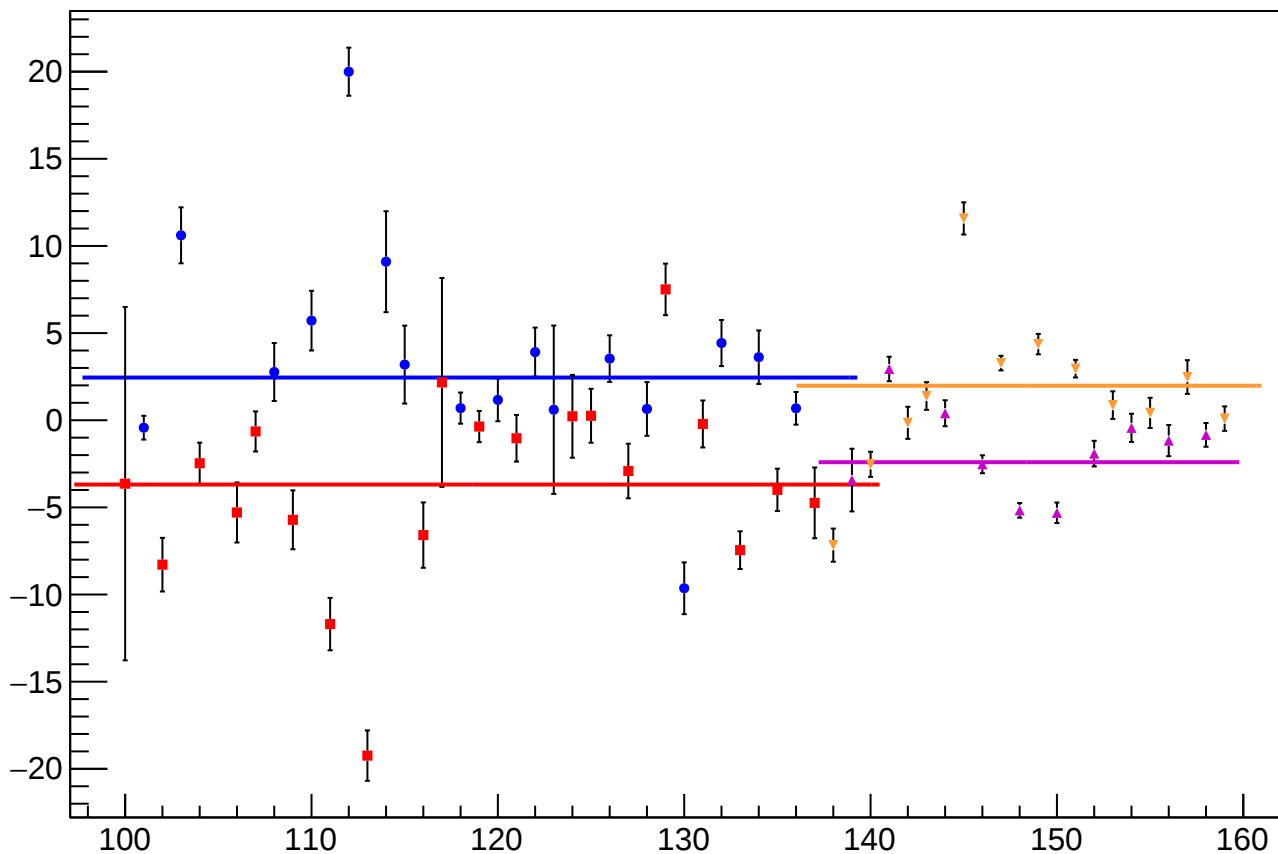
Left In: 36.607+/-0.313 χ^2/NDF : 139.5/9

-35.104+/-0.300 χ^2/NDF : 588.0/11

-0.714+/-0.217 χ^2/NDF : 28108.3/21

36.607+/-0.313 χ^2/NDF : 139.5/9

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.449 ± 0.314 χ^2/NDF : 295.3/16

Left Out: 1.981 ± 0.198 χ^2/NDF : 288.1/11

Right Out: -3.690 ± 0.326 χ^2/NDF : 270.4/19

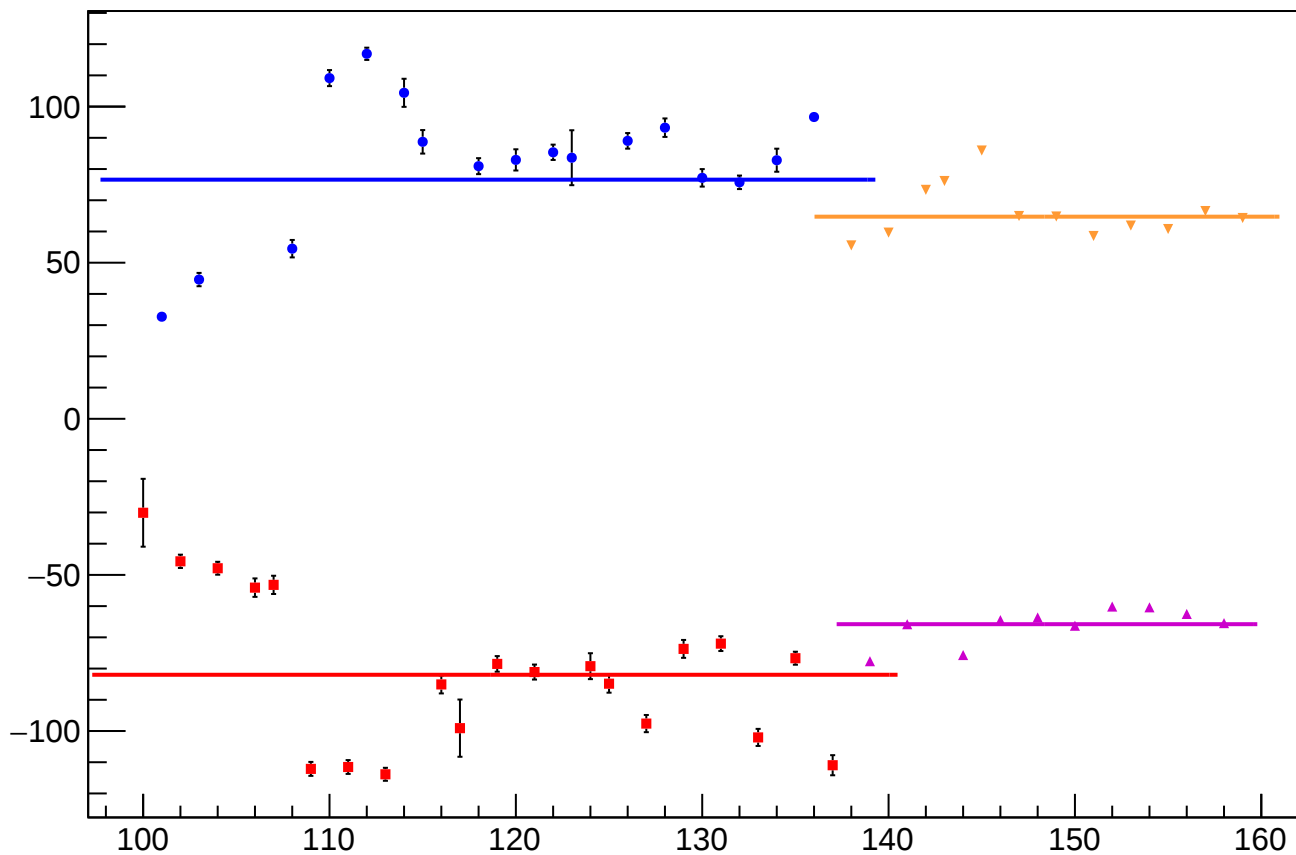
Left In: -2.408 ± 0.208 χ^2/NDF : 153.5/9

2.114 ± 0.168 χ^2/NDF : 585.0/28

-0.225 ± 0.121 χ^2/NDF : 1427.4/58

-2.778 ± 0.175 χ^2/NDF : 434.9/29

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.598+/-0.576 χ^2/NDF : 2255.1/16

Left Out: 64.743+/-0.295 χ^2/NDF : 647.2/11

Right Out: -81.987+/-0.591 χ^2/NDF : 1574.2/19

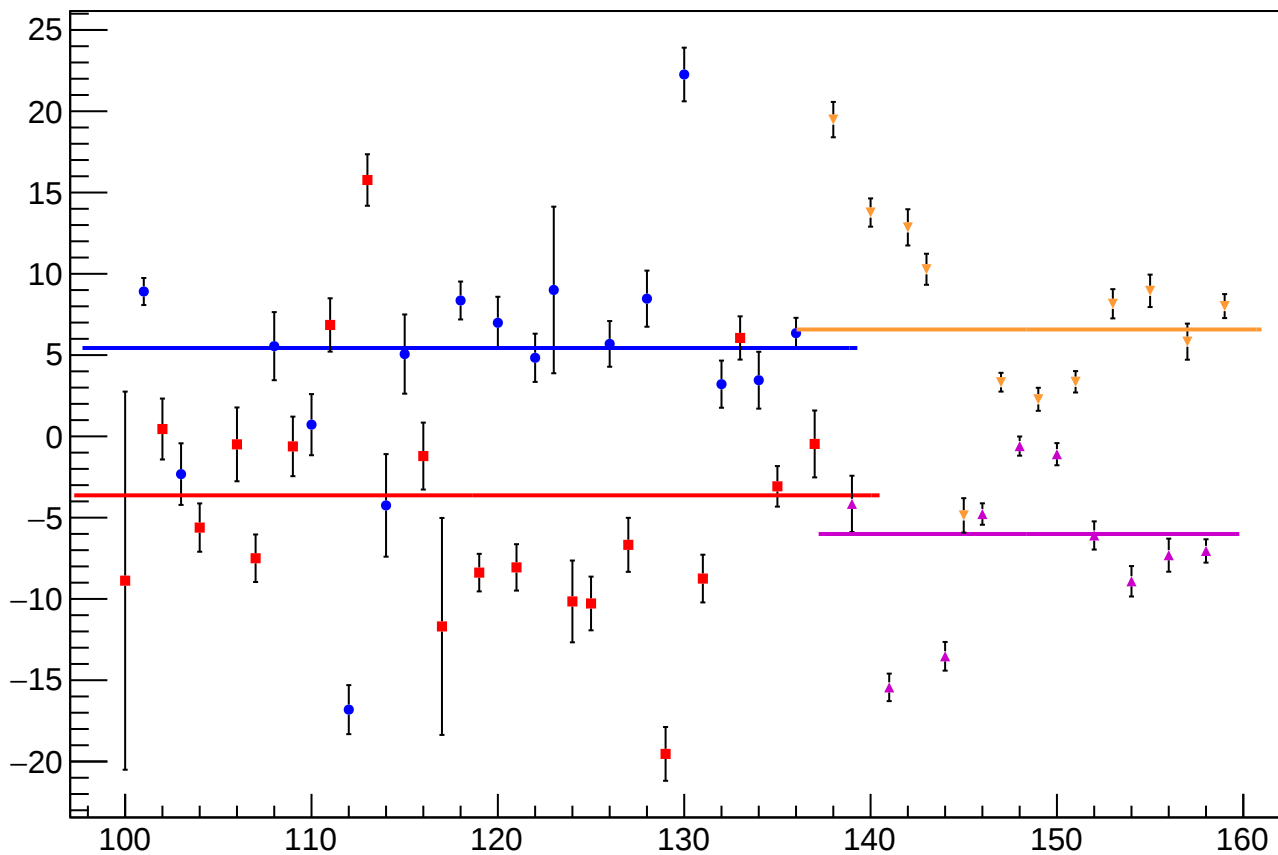
Left In: -65.784+/-0.304 χ^2/NDF : 274.8/9

67.203+/-0.262 χ^2/NDF : 3238.0/28

1.041+/-0.188 χ^2/NDF : 136749.4/58

-69.175+/-0.270 χ^2/NDF : 2443.7/29

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.436 $\pm$ 0.360 χ^2/NDF : 387.2/16

Left Out: 6.575 $\pm$ 0.241 χ^2/NDF : 478.2/11

Right Out: -3.628 $\pm$ 0.374 χ^2/NDF : 424.8/19

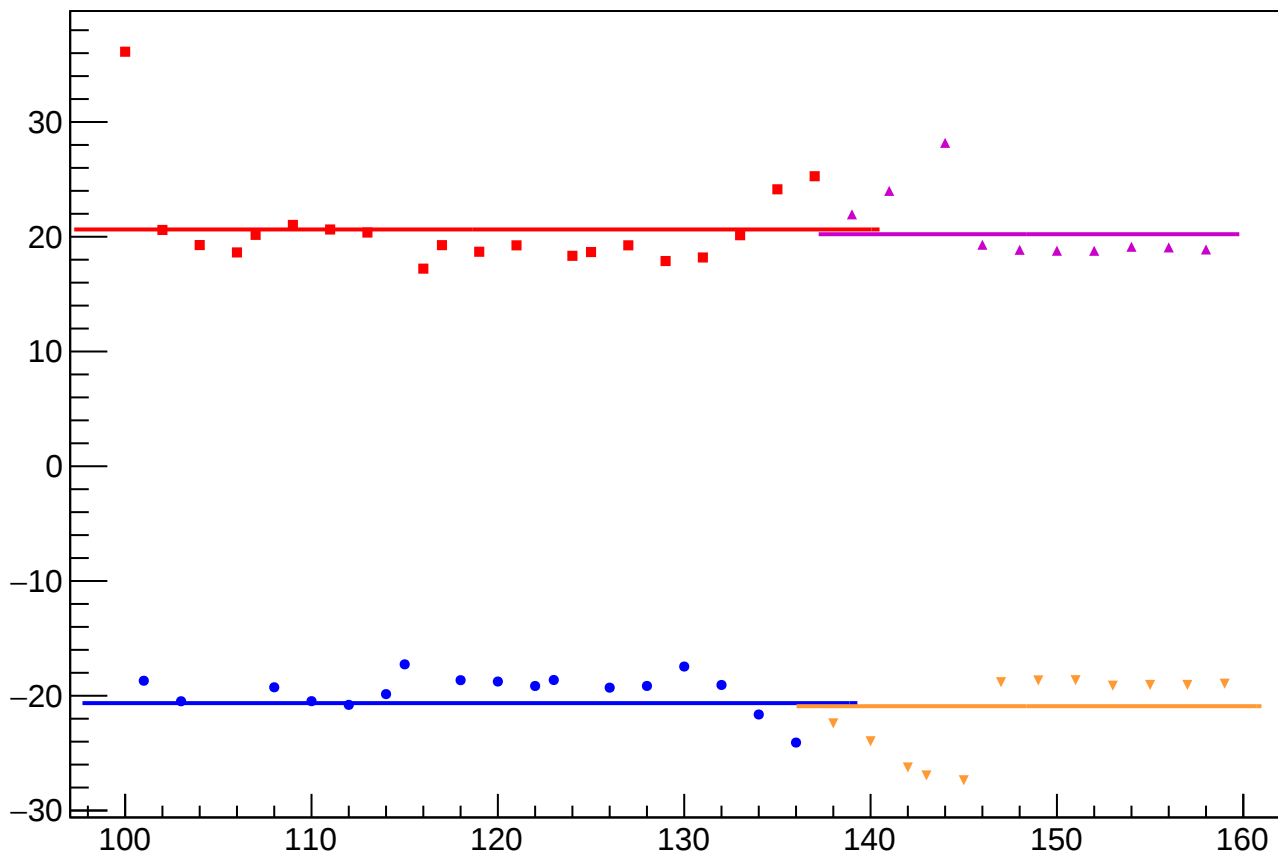
Left In: -6.005 $\pm$ 0.252 χ^2/NDF : 351.1/9

6.222 $\pm$ 0.201 χ^2/NDF : 872.3/28

0.721 $\pm$ 0.145 χ^2/NDF : 3246.5/58

-5.263 $\pm$ 0.209 χ^2/NDF : 803.6/29

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.642 ± 0.019 $\chi^2/\text{NDF}: 12431.5/16$

Left Out: -20.911 ± 0.012 $\chi^2/\text{NDF}: 69650.5/11$

Right Out: 20.635 ± 0.019 $\chi^2/\text{NDF}: 13794.0/19$

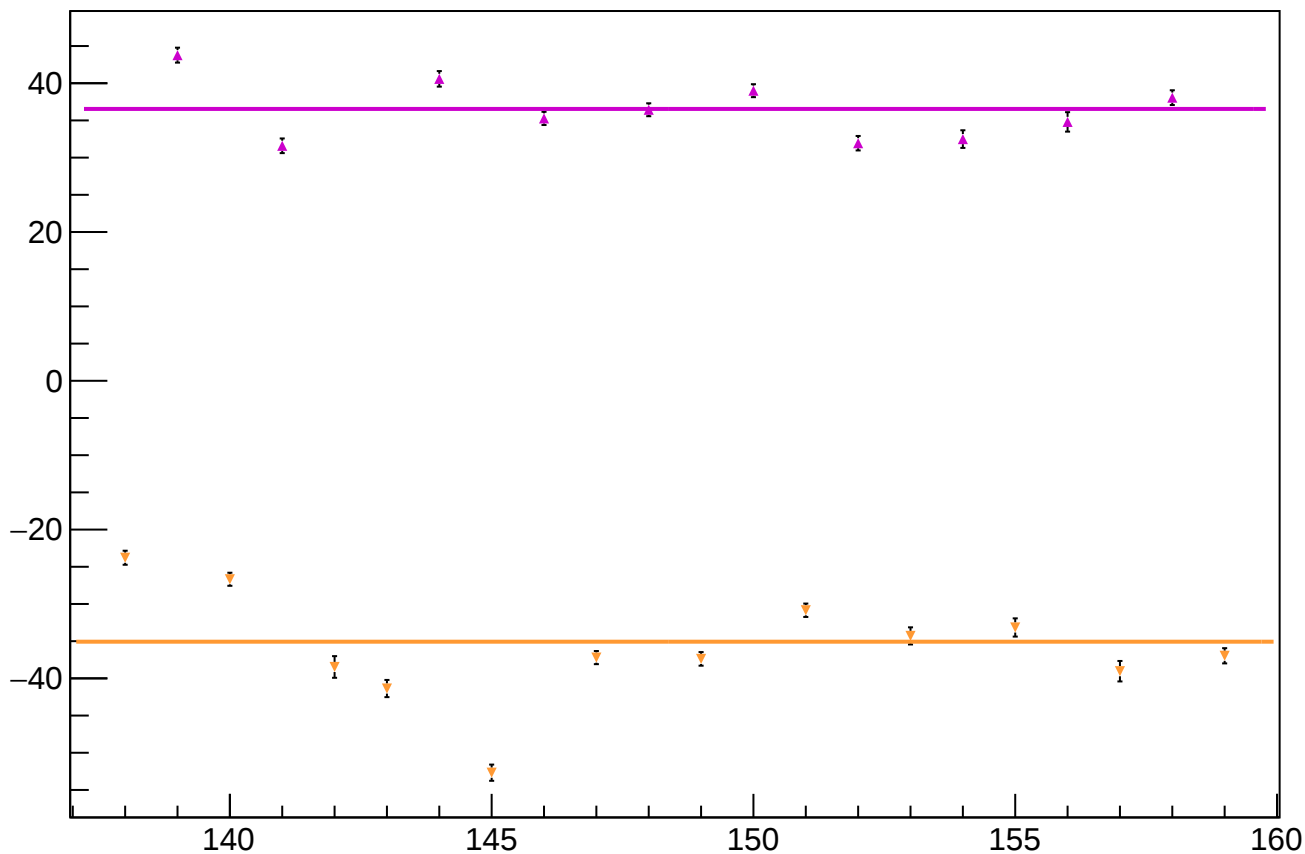
Left In: 20.221 ± 0.012 $\chi^2/\text{NDF}: 45075.1/9$

-20.838 ± 0.010 $\chi^2/\text{NDF}: 82223.1/28$

-0.606 ± 0.007 $\chi^2/\text{NDF}: 8381302.6/58$

20.336 ± 0.010 $\chi^2/\text{NDF}: 59197.5/29$

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -35.070+/-0.300 χ^2/NDF : 578.9/11

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

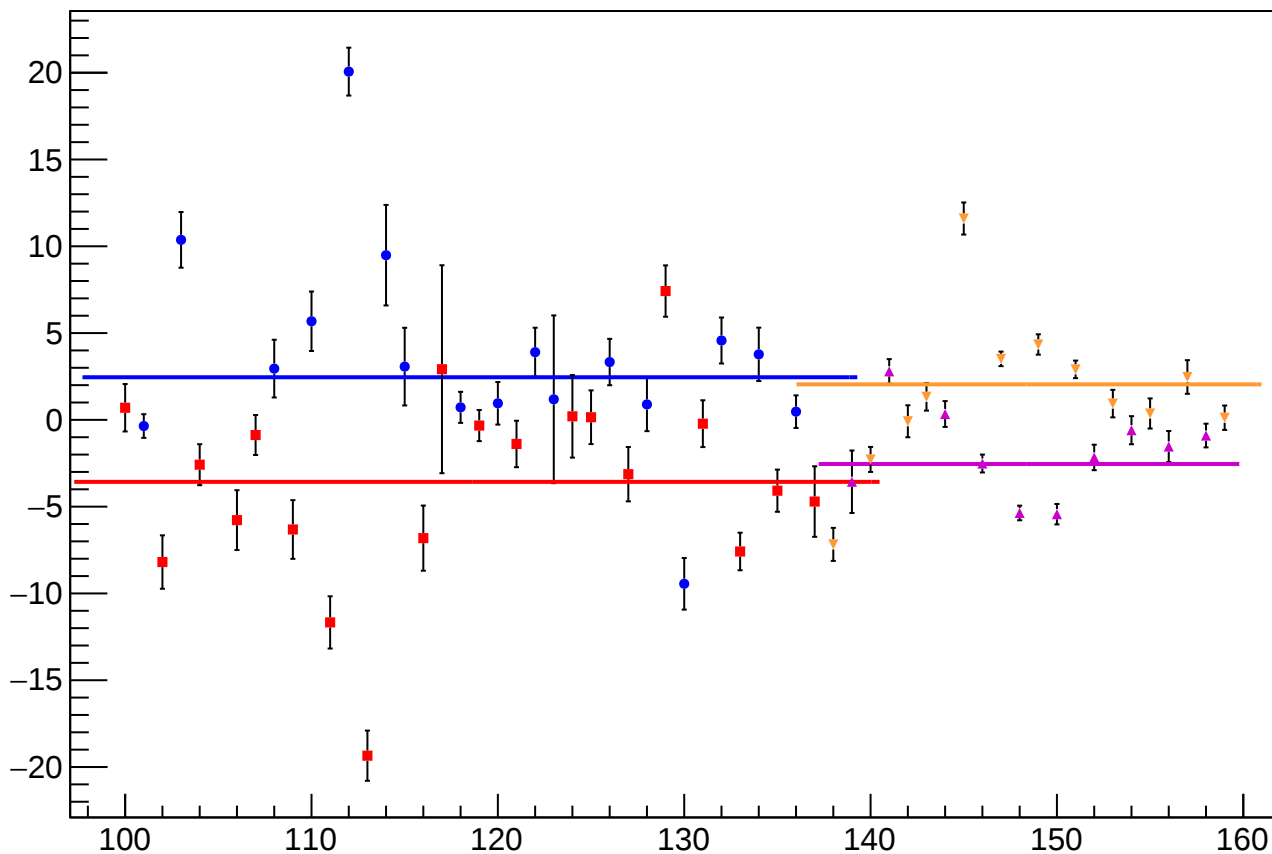
Left In: 36.545+/-0.313 χ^2/NDF : 140.1/9

-35.070+/-0.300 χ^2/NDF : 578.9/11

-0.730+/-0.217 χ^2/NDF : 27990.7/21

36.545+/-0.313 χ^2/NDF : 140.1/9

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.455 ± 0.315 χ^2/NDF : 293.5/16

Left Out: 2.046 ± 0.198 χ^2/NDF : 286.8/11

Right Out: -3.571 ± 0.317 χ^2/NDF : 281.0/19

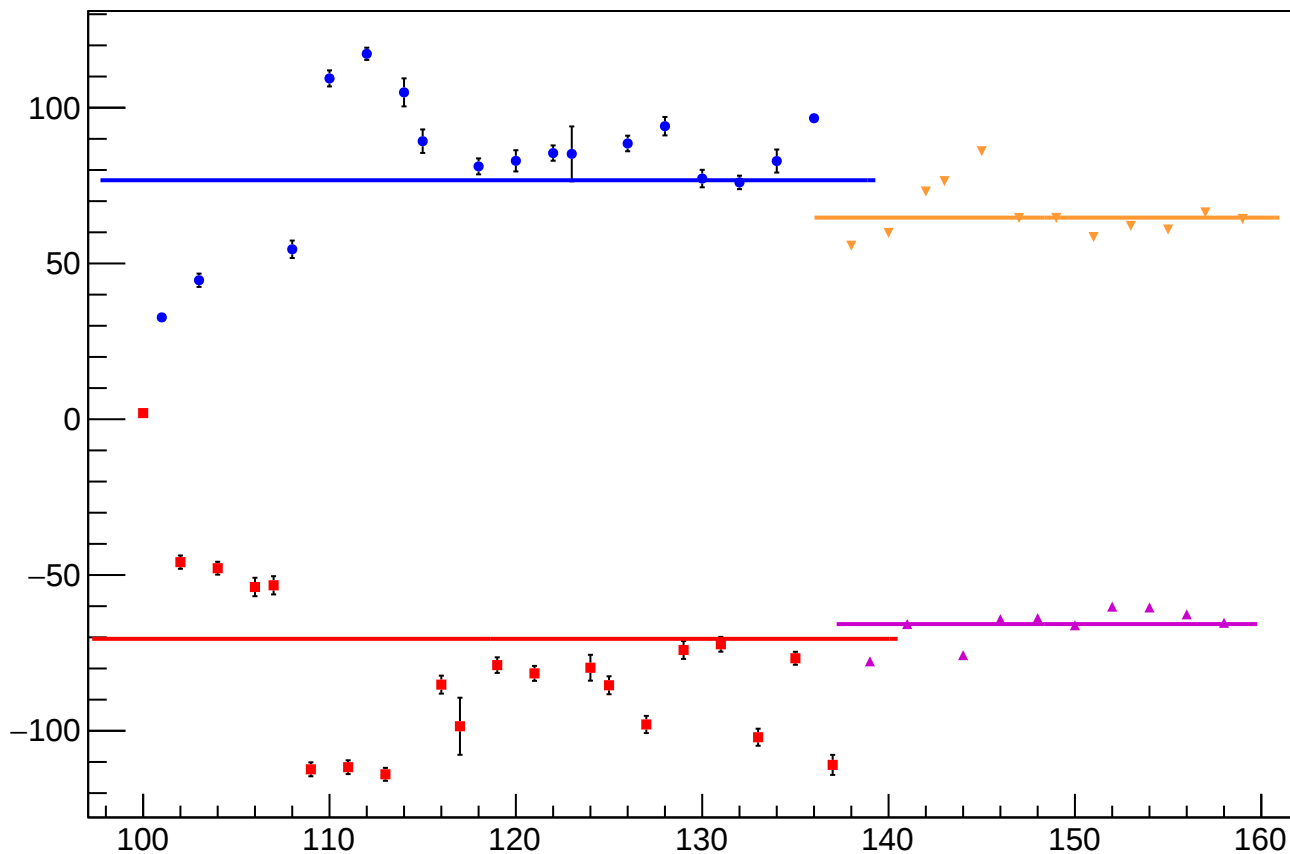
Left In: -2.544 ± 0.208 χ^2/NDF : 154.9/9

2.163 ± 0.168 χ^2/NDF : 581.5/28

-0.255 ± 0.121 χ^2/NDF : 1456.1/58

-2.852 ± 0.174 χ^2/NDF : 443.2/29

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.713+/-0.576 χ^2/NDF : 2266.6/16

Left Out: 64.714+/-0.295 χ^2/NDF : 646.7/11

Right Out: -70.477+/-0.549 χ^2/NDF : 4400.1/19

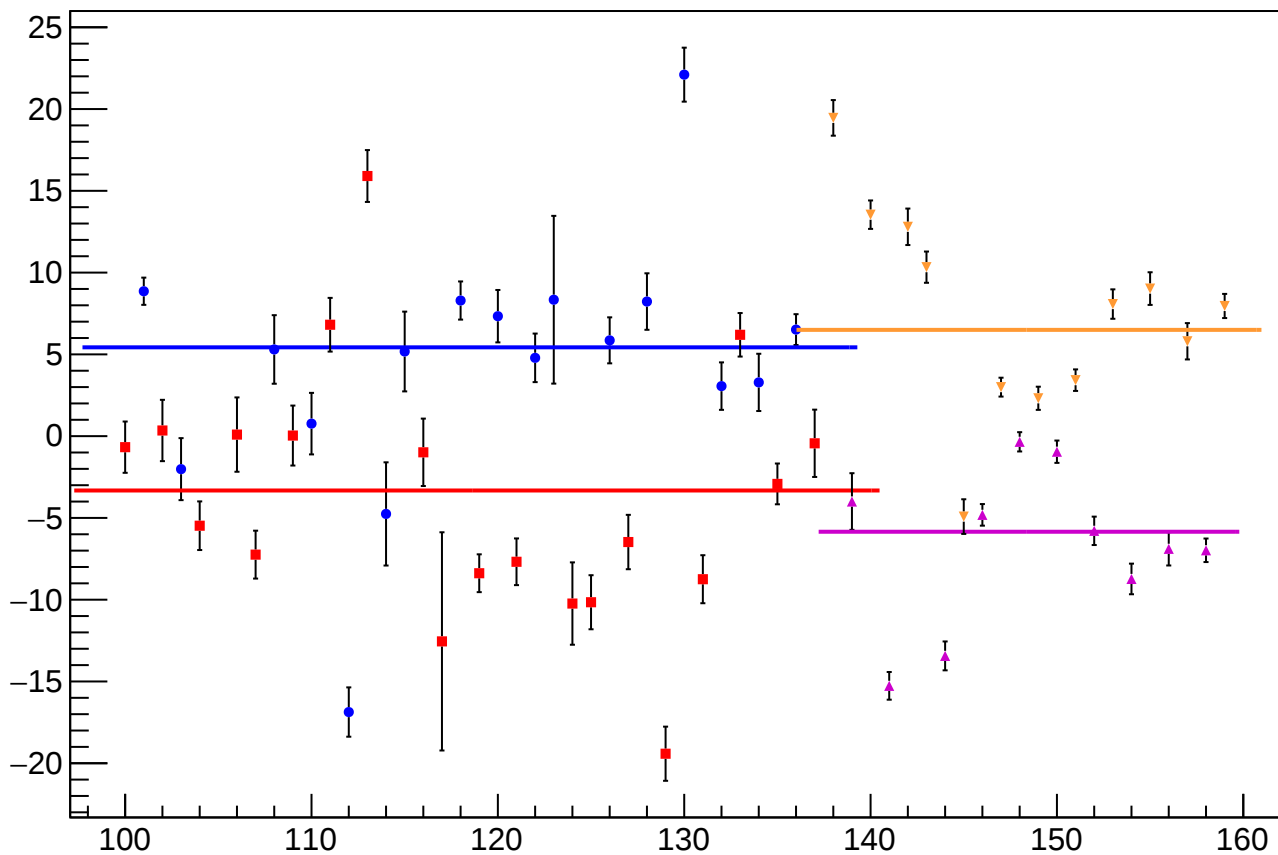
Left In: -65.745+/-0.304 χ^2/NDF : 275.4/9

67.203+/-0.263 χ^2/NDF : 3256.8/28

1.068+/-0.187 χ^2/NDF : 136628.8/58

-66.857+/-0.266 χ^2/NDF : 4732.3/29

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.430 ± 0.361 χ^2/NDF : 385.9/16

Left Out: 6.498 ± 0.242 χ^2/NDF : 478.8/11

Right Out: -3.323 ± 0.365 χ^2/NDF : 428.0/19

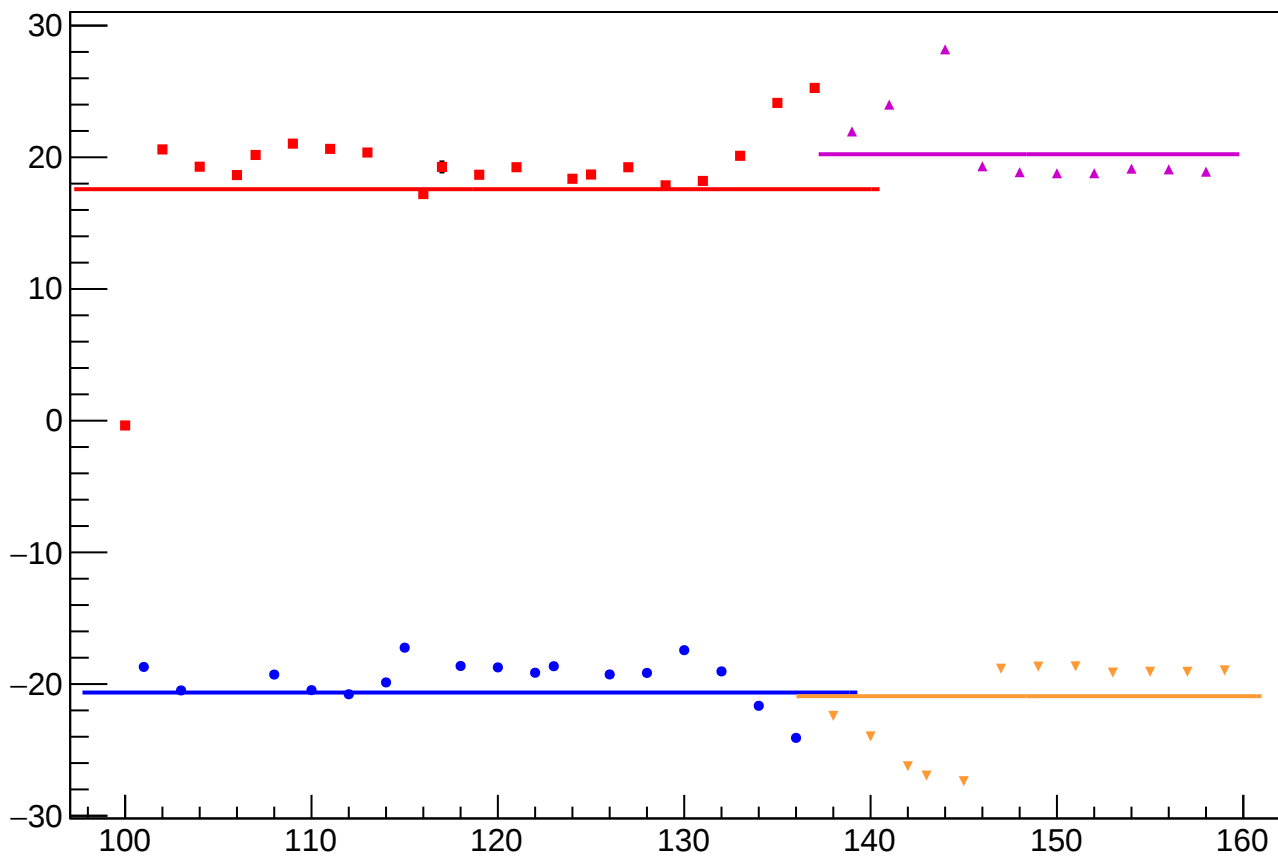
Left In: -5.845 ± 0.252 χ^2/NDF : 352.8/9

6.168 ± 0.201 χ^2/NDF : 870.8/28

0.758 ± 0.144 χ^2/NDF : 3187.9/58

-5.028 ± 0.208 χ^2/NDF : 813.2/29

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.643 ± 0.019 χ^2/NDF : 12468.6/16

Left Out: -20.921 ± 0.012 χ^2/NDF : 69484.0/11

Right Out: 17.577 ± 0.018 χ^2/NDF : 178343.3/19

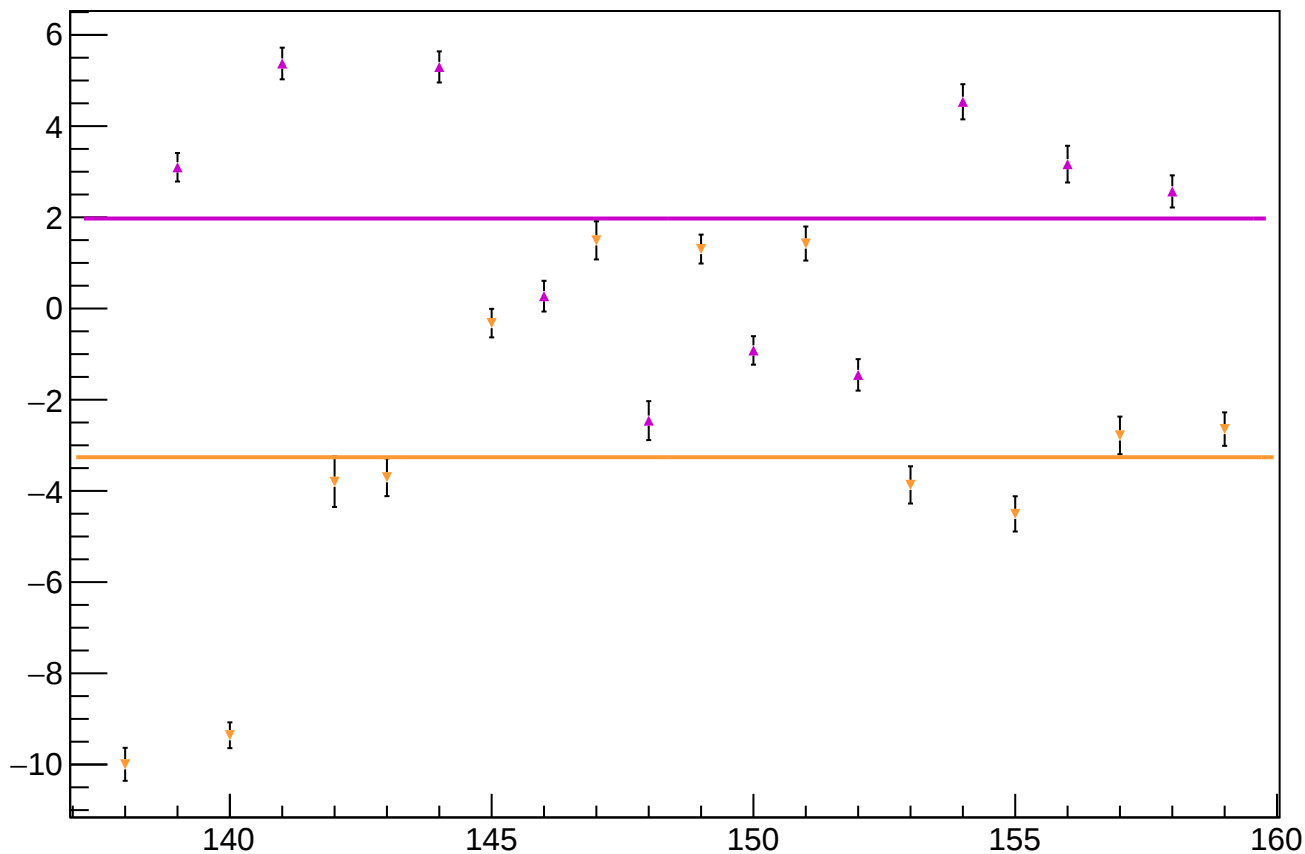
Left In: 20.232 ± 0.012 χ^2/NDF : 45004.2/9

-20.846 ± 0.010 χ^2/NDF : 82103.3/28

-0.616 ± 0.007 χ^2/NDF : 8367013.5/58

19.412 ± 0.010 χ^2/NDF : 238355.8/29

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -3.261+/-0.106 χ^2/NDF : 1413.3/11

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

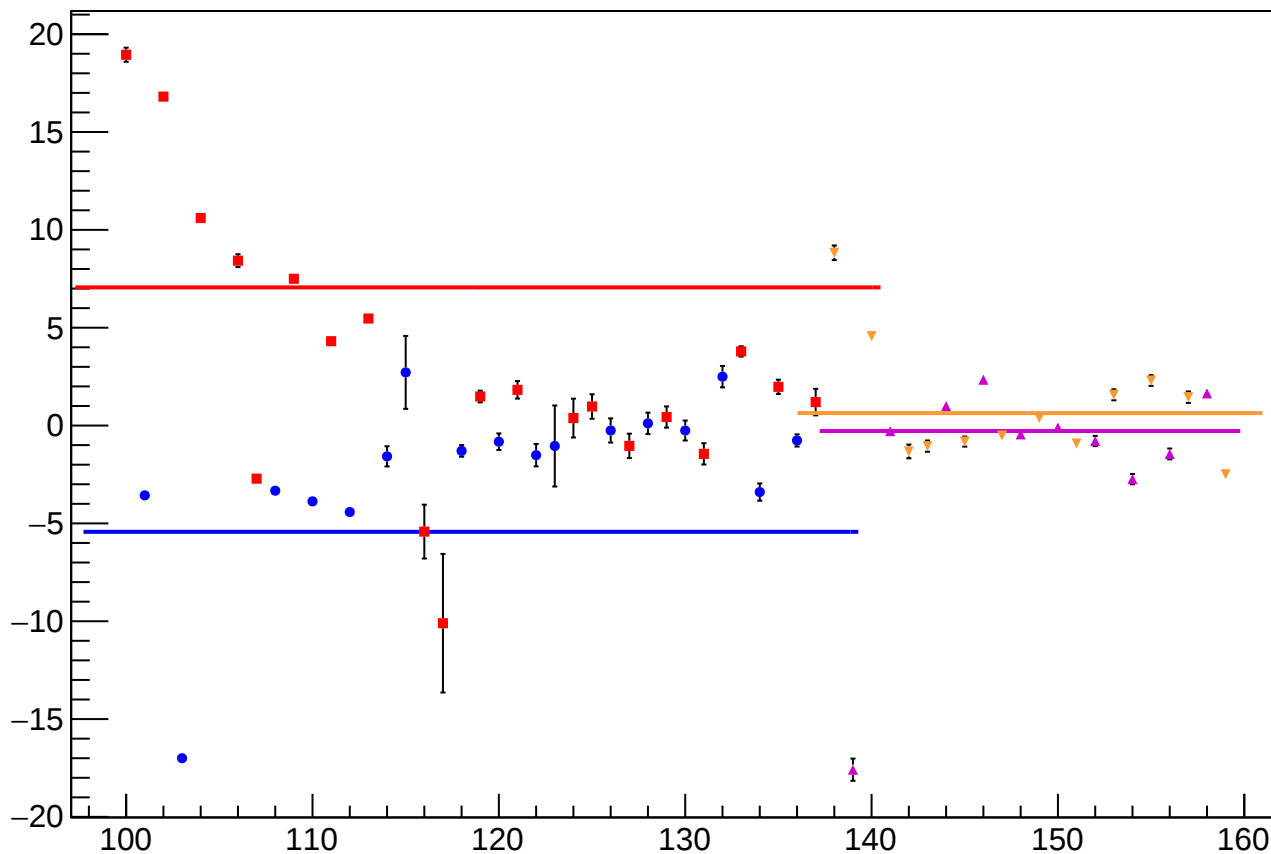
Left In: 1.974+/-0.111 χ^2/NDF : 577.6/9

-3.261+/-0.106 χ^2/NDF : 1413.3/11

-0.756+/-0.077 χ^2/NDF : 3149.2/21

1.974+/-0.111 χ^2/NDF : 577.6/9

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.431 ± 0.055 χ^2/NDF : 9233.8/16

Left Out: 0.637 ± 0.074 χ^2/NDF : 1147.8/11

Right Out: 7.061 ± 0.059 χ^2/NDF : 12330.1/19

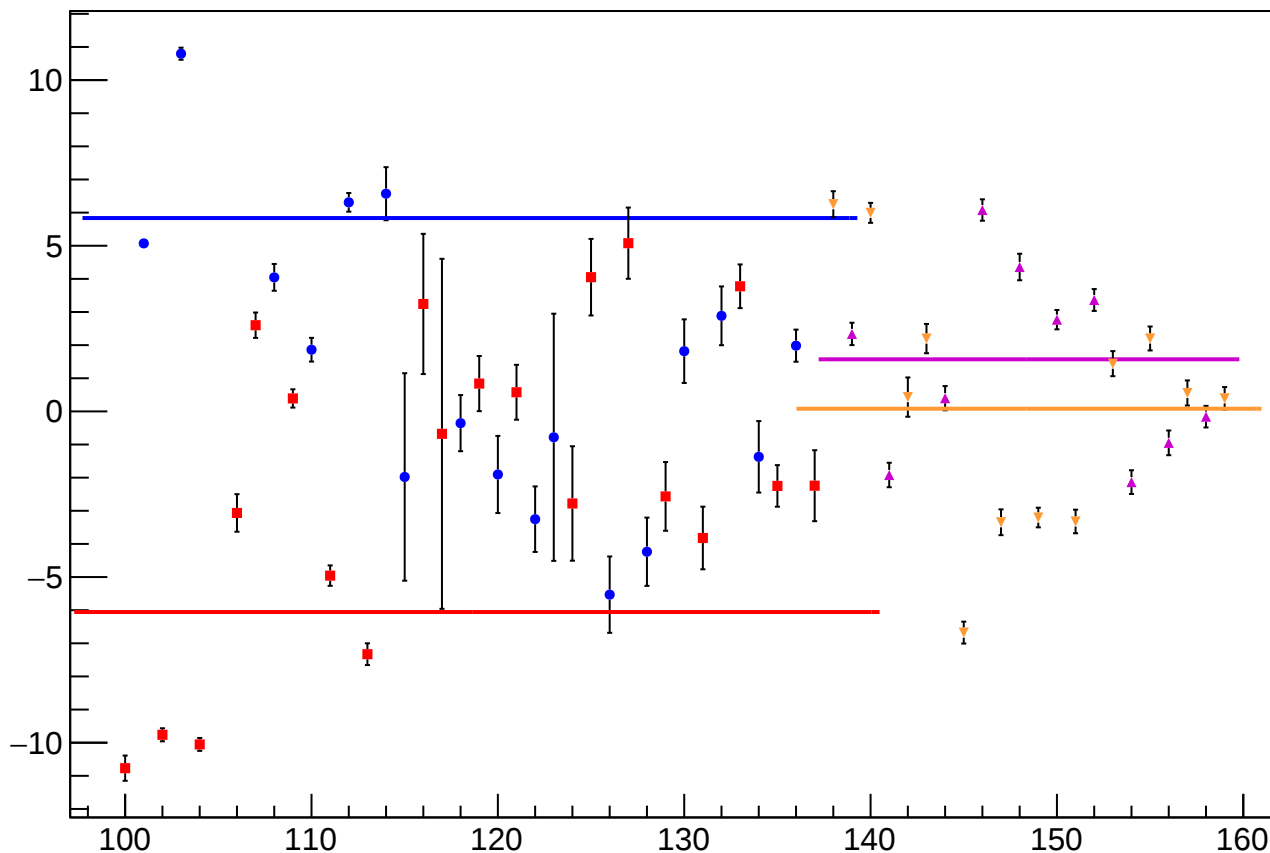
Left In: -0.280 ± 0.079 χ^2/NDF : 1280.9/9

-3.279 ± 0.044 χ^2/NDF : 14718.6/28

0.305 ± 0.032 χ^2/NDF : 48101.6/58

4.416 ± 0.047 χ^2/NDF : 19185.0/29

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.836 ± 0.090 $\chi^2/\text{NDF}: 1440.9/16$

Left Out: 0.081 ± 0.105 $\chi^2/\text{NDF}: 1414.8/11$

Right Out: -6.056 ± 0.093 $\chi^2/\text{NDF}: 2669.9/19$

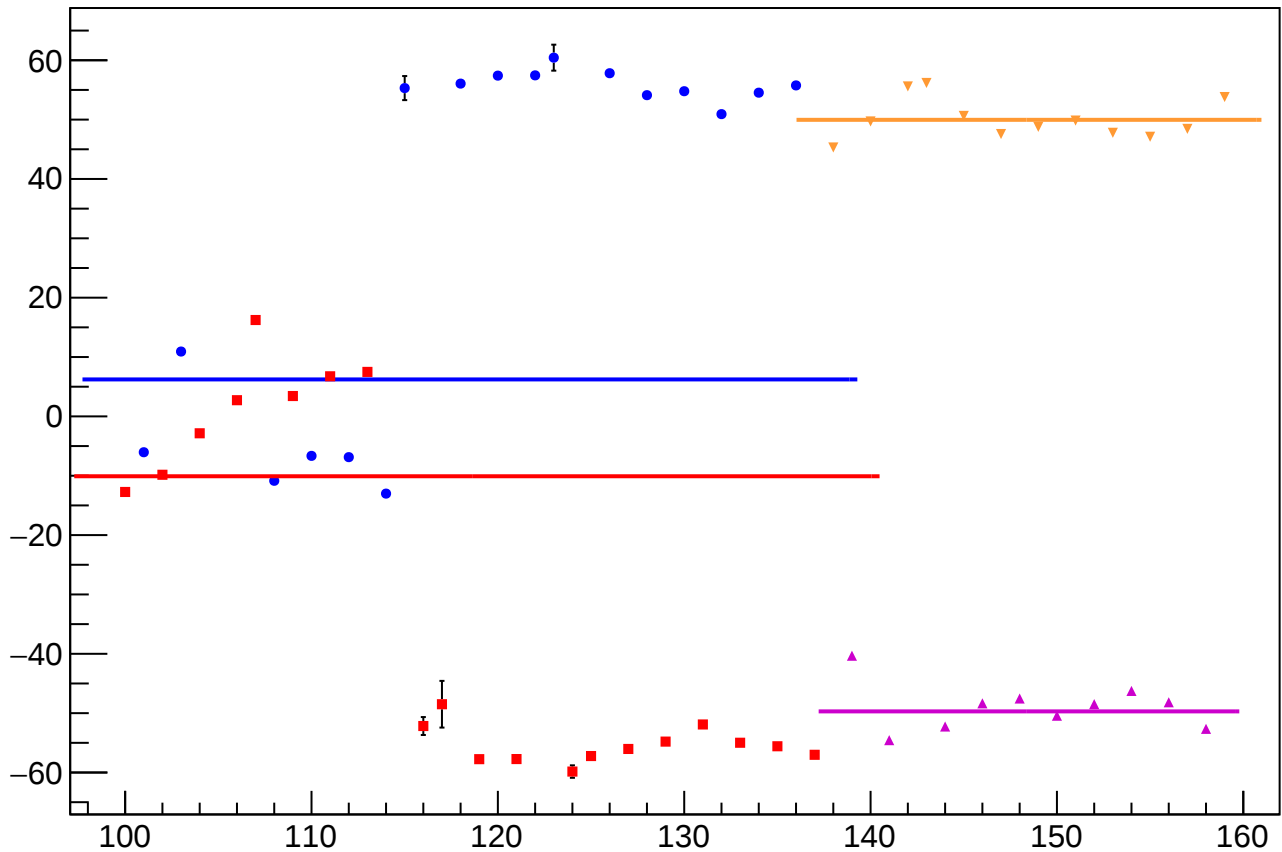
Left In: 1.572 ± 0.109 $\chi^2/\text{NDF}: 575.5/9$

3.410 ± 0.068 $\chi^2/\text{NDF}: 4593.0/28$

0.413 ± 0.049 $\chi^2/\text{NDF}: 14689.5/58$

-2.817 ± 0.071 $\chi^2/\text{NDF}: 6082.8/29$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.226 ± 0.065 χ^2/NDF : 120955.1/16

Left Out: 49.963 ± 0.088 χ^2/NDF : 1086.0/11

Right Out: -10.087 ± 0.070 χ^2/NDF : 122144.7/19

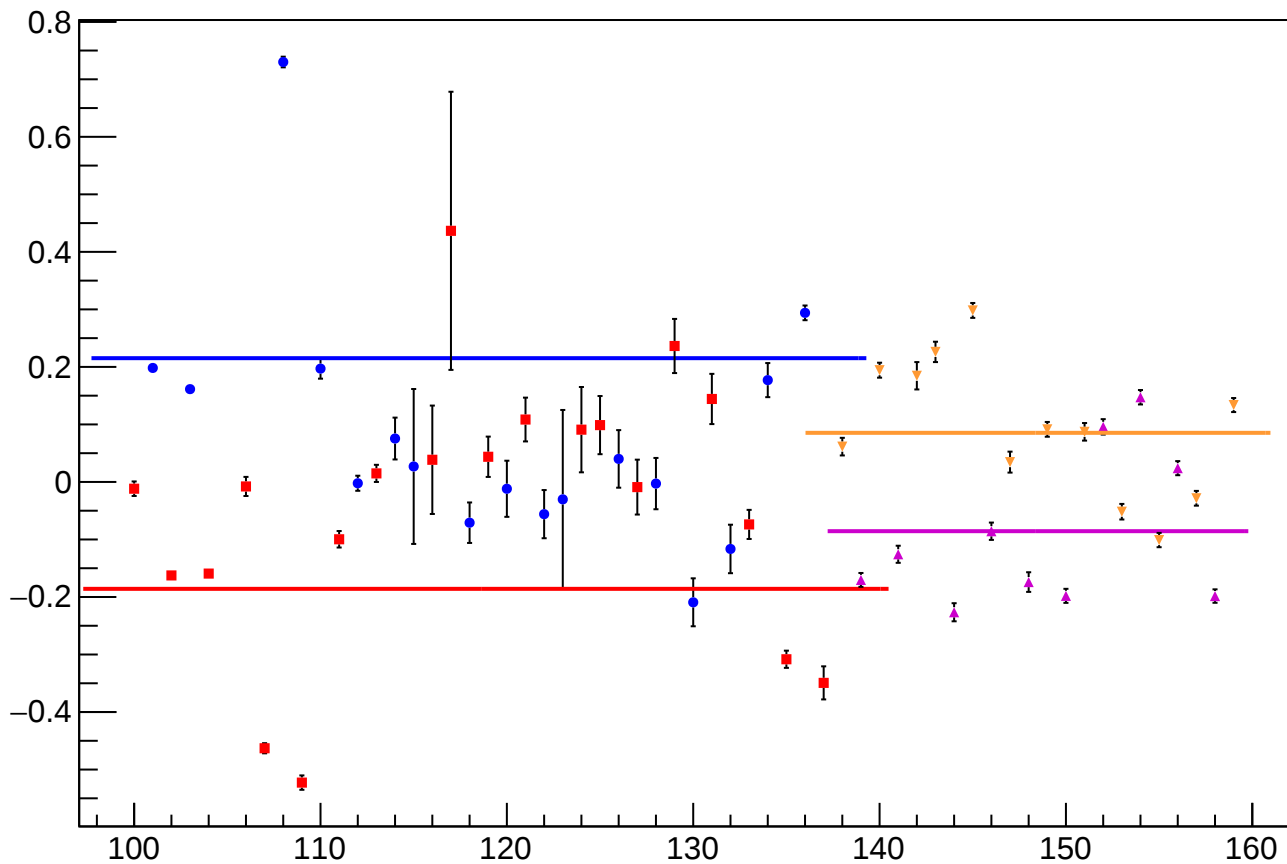
Left In: -49.702 ± 0.093 χ^2/NDF : 1025.4/9

21.562 ± 0.052 χ^2/NDF : 281636.1/28

0.102 ± 0.038 χ^2/NDF : 882183.2/58

-24.357 ± 0.056 χ^2/NDF : 239448.6/29

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3925.9/16

Left Out: 0.085 $\pm$ 0.004 χ^2 /NDF: 852.6/11

Right Out: -0.186 $\pm$ 0.003 χ^2 /NDF: 2724.7/19

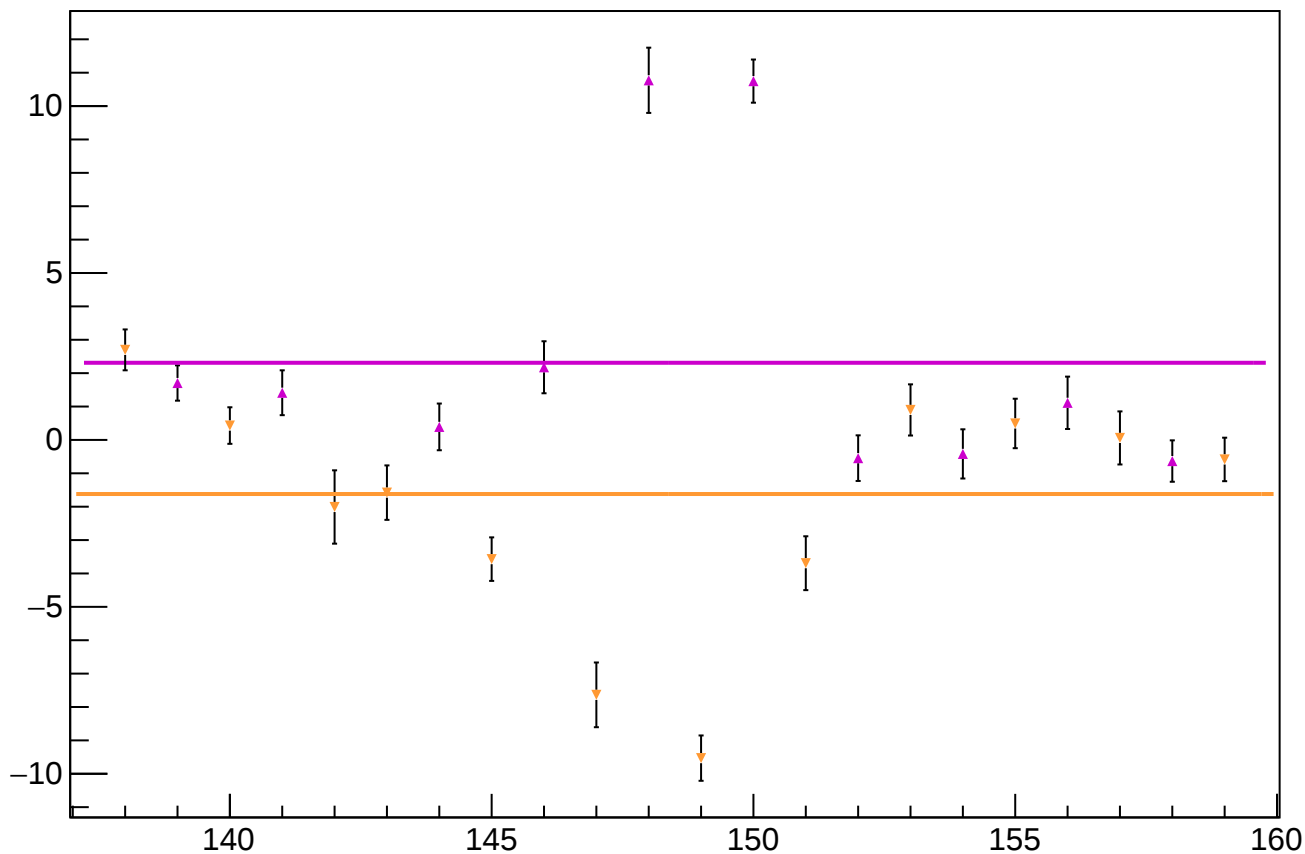
Left In: -0.086 $\pm$ 0.004 χ^2 /NDF: 948.8/9

0.175 $\pm$ 0.002 χ^2 /NDF: 5464.1/28

0.007 $\pm$ 0.002 χ^2 /NDF: 20093.4/58

-0.157 $\pm$ 0.002 χ^2 /NDF: 4073.5/29

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -1.620 ± 0.209 χ^2/NDF : 279.7/11

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

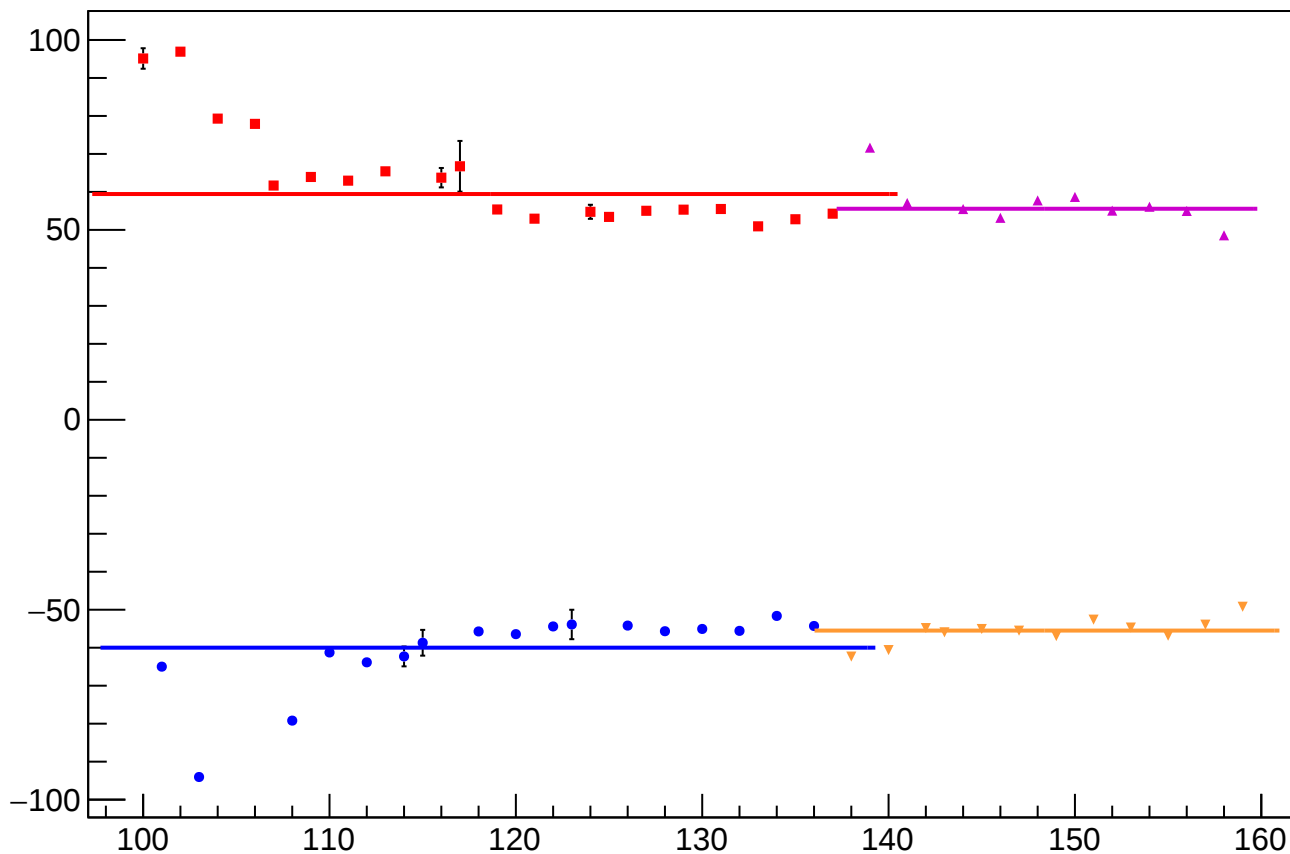
Left In: 2.311 ± 0.218 χ^2/NDF : 312.0/9

-1.620 ± 0.209 χ^2/NDF : 279.7/11

0.265 ± 0.151 χ^2/NDF : 761.6/21

2.311 ± 0.218 χ^2/NDF : 312.0/9

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.992 ± 0.225 χ^2/NDF : 1972.9/16

Left Out: -55.489 ± 0.149 χ^2/NDF : 488.5/11

Right Out: 59.442 ± 0.212 χ^2/NDF : 2919.1/19

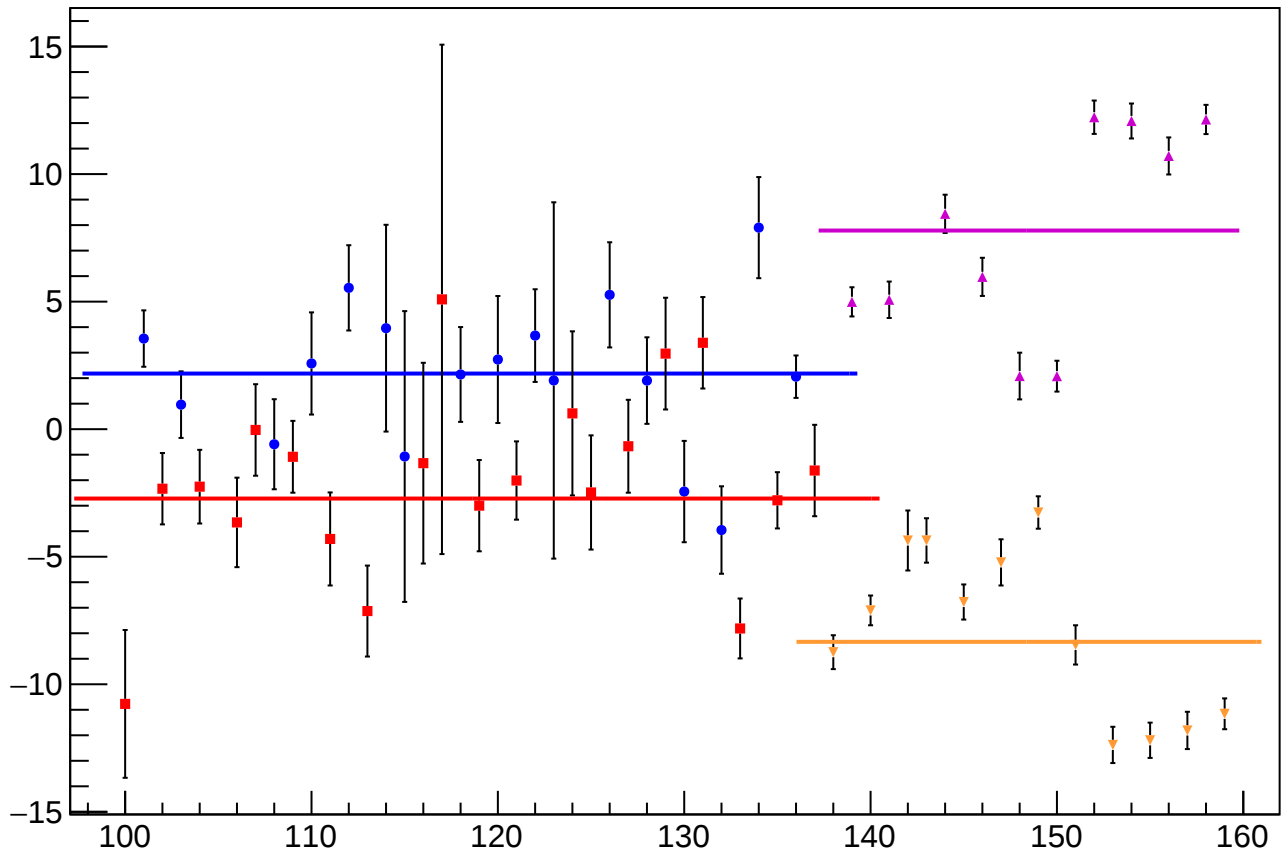
Left In: 55.566 ± 0.160 χ^2/NDF : 654.3/9

-56.868 ± 0.124 χ^2/NDF : 2739.4/28

-1.326 ± 0.089 χ^2/NDF : 414530.5/58

56.971 ± 0.128 χ^2/NDF : 3786.9/29

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.181 ± 0.406 $\chi^2/\text{NDF}: 39.0/16$

Left Out: -8.337 ± 0.207 $\chi^2/\text{NDF}: 225.6/11$

Right Out: -2.719 ± 0.388 $\chi^2/\text{NDF}: 59.5/19$

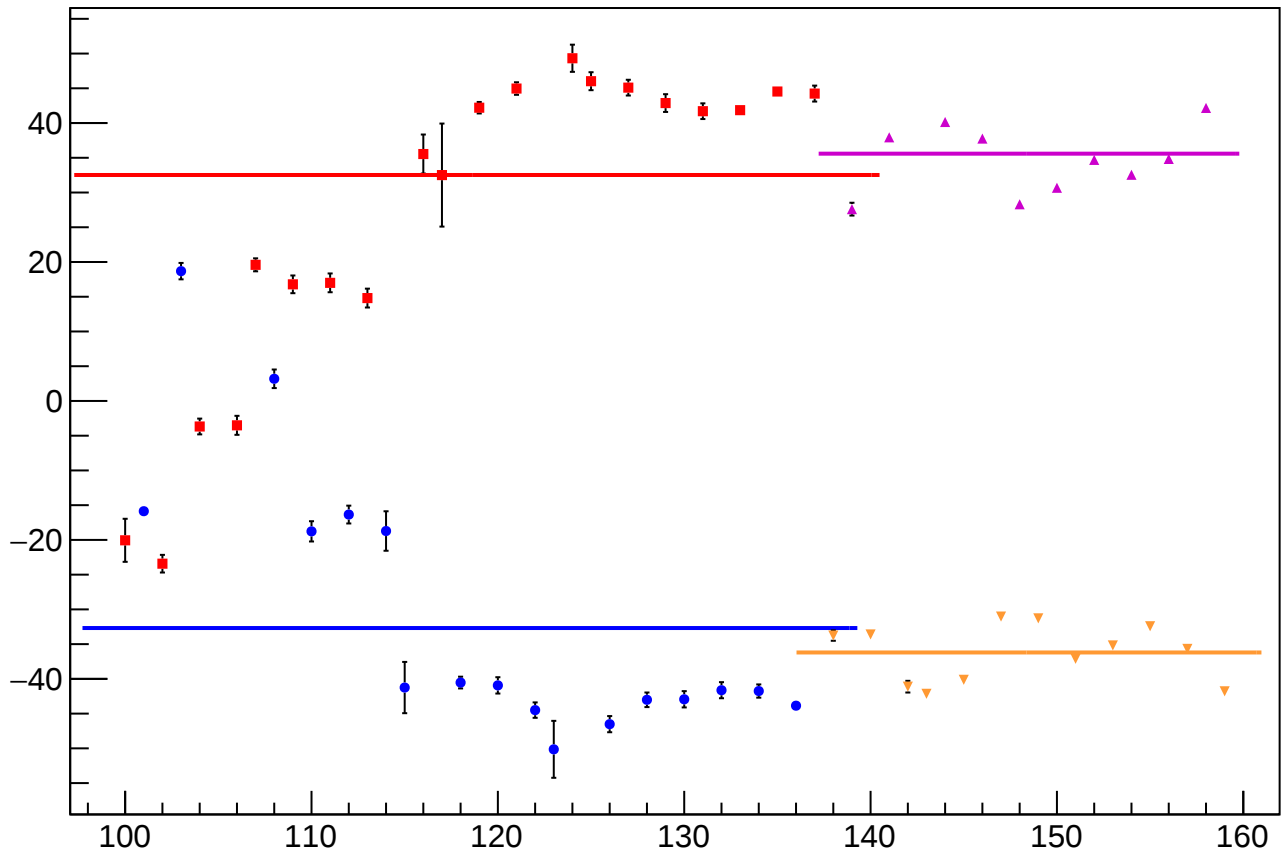
Left In: 7.787 ± 0.214 $\chi^2/\text{NDF}: 332.3/9$

-6.170 ± 0.184 $\chi^2/\text{NDF}: 798.4/28$

-0.505 ± 0.131 $\chi^2/\text{NDF}: 3676.8/58$

5.341 ± 0.187 $\chi^2/\text{NDF}: 955.3/29$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.682 ± 0.256 $\chi^2/\text{NDF}: 4646.9/16$

Left Out: -36.200 ± 0.176 $\chi^2/\text{NDF}: 520.4/11$

Right Out: 32.523 ± 0.244 $\chi^2/\text{NDF}: 6045.3/19$

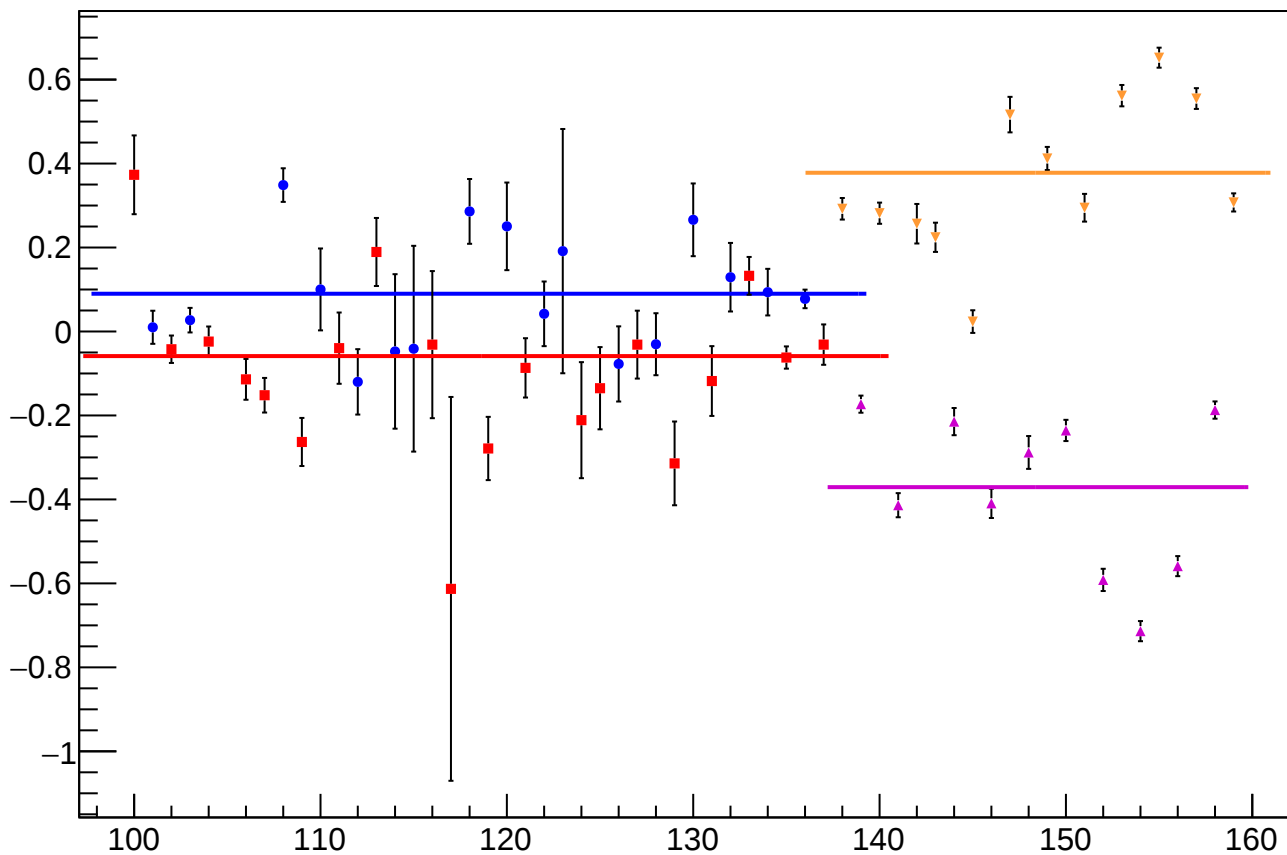
Left In: 35.591 ± 0.186 $\chi^2/\text{NDF}: 617.1/9$

-35.070 ± 0.145 $\chi^2/\text{NDF}: 5295.7/28$

-1.007 ± 0.104 $\chi^2/\text{NDF}: 124757.4/58$

34.462 ± 0.148 $\chi^2/\text{NDF}: 6762.5/29$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 78.8/16$

Left Out: 0.378 ± 0.008 $\chi^2/\text{NDF}: 489.4/11$

Right Out: -0.059 ± 0.012 $\chi^2/\text{NDF}: 88.6/19$

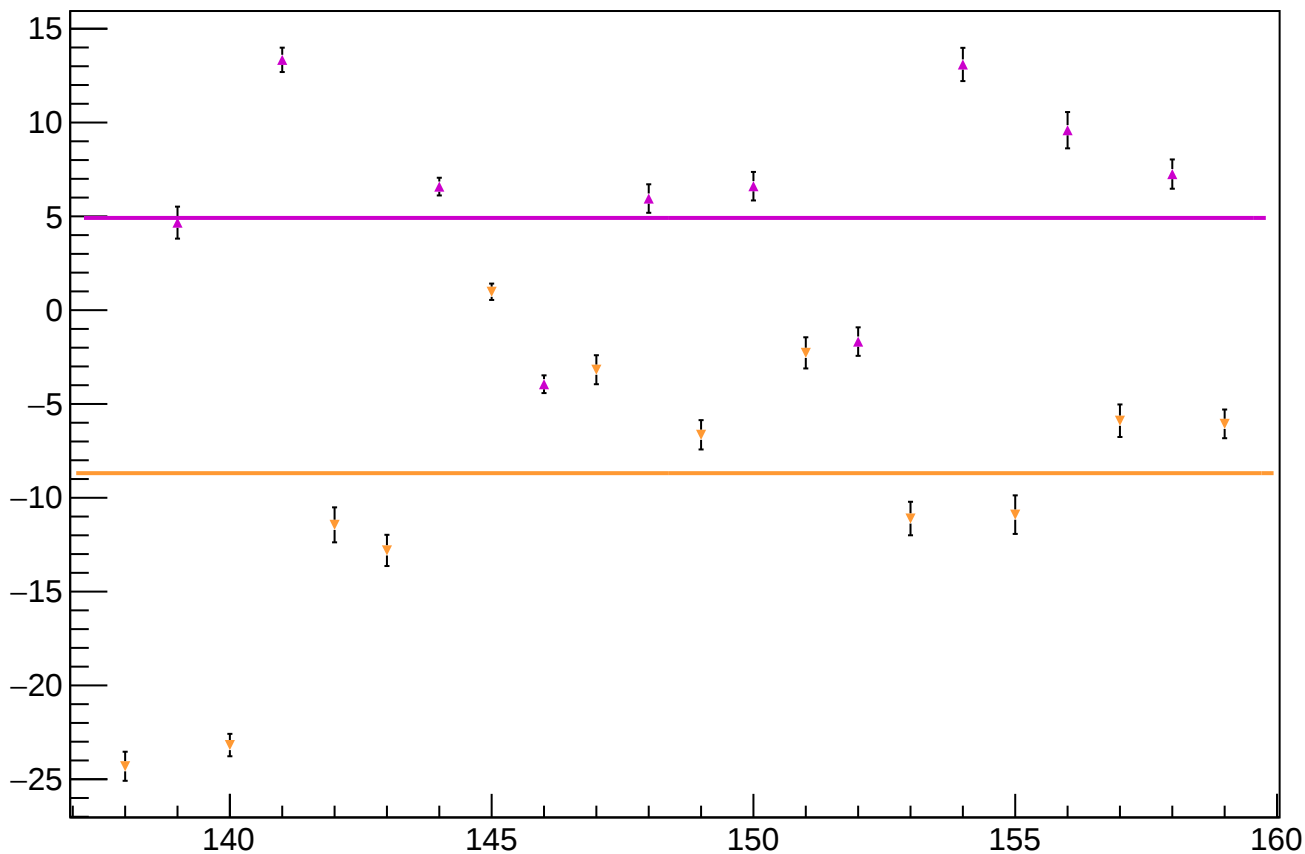
Left In: -0.371 ± 0.008 $\chi^2/\text{NDF}: 569.5/9$

0.297 ± 0.007 $\chi^2/\text{NDF}: 934.9/28$

0.012 ± 0.005 $\chi^2/\text{NDF}: 5571.4/58$

-0.273 ± 0.007 $\chi^2/\text{NDF}: 1111.0/29$

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -8.687+/-0.212 χ^2/NDF : 1672.8/11

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

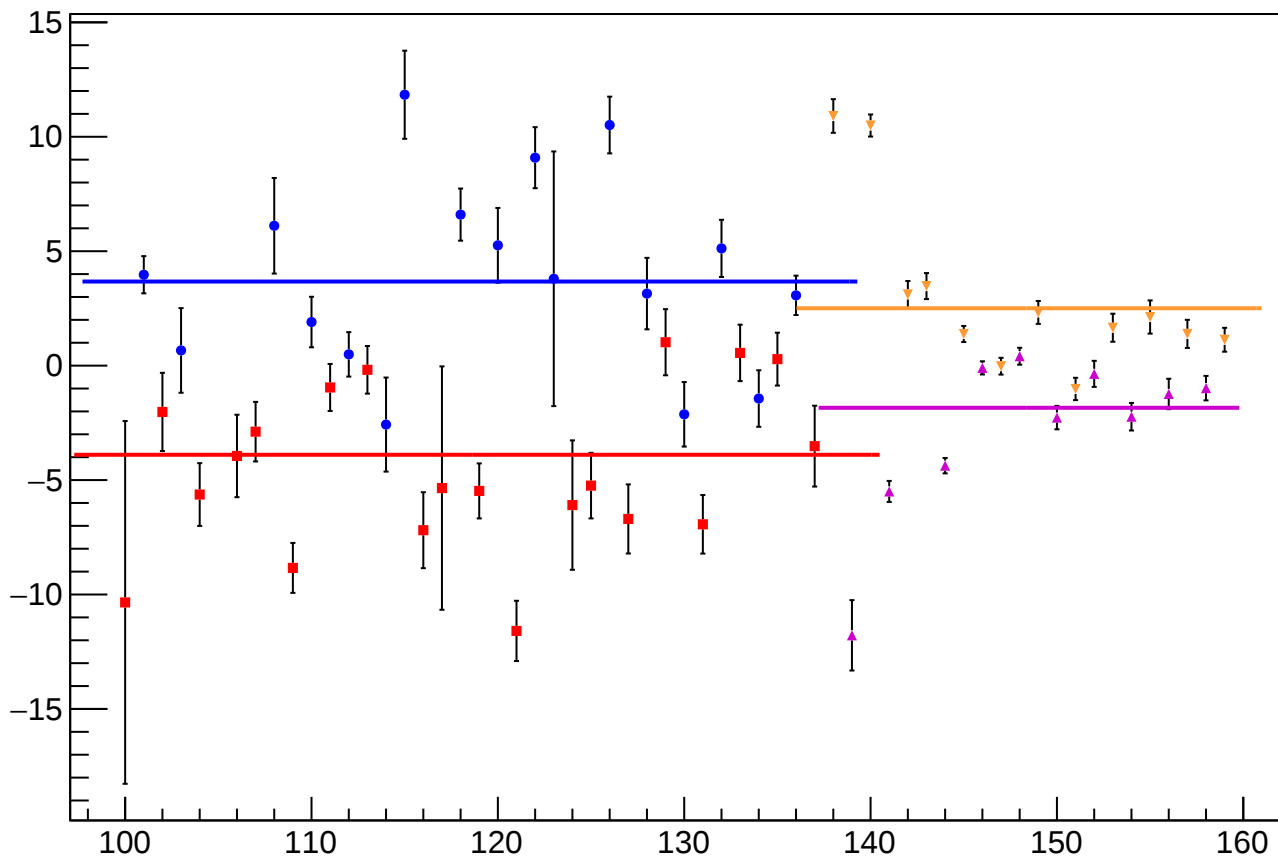
Left In: 4.916+/-0.214 χ^2/NDF : 732.3/9

-8.687+/-0.212 χ^2/NDF : 1672.8/11

-1.953+/-0.150 χ^2/NDF : 4451.0/21

4.916+/-0.214 χ^2/NDF : 732.3/9

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.675 ± 0.310 χ^2/NDF : 135.2/16

Left Out: 2.507 ± 0.146 χ^2/NDF : 531.7/11

Right Out: -3.895 ± 0.316 χ^2/NDF : 133.8/19

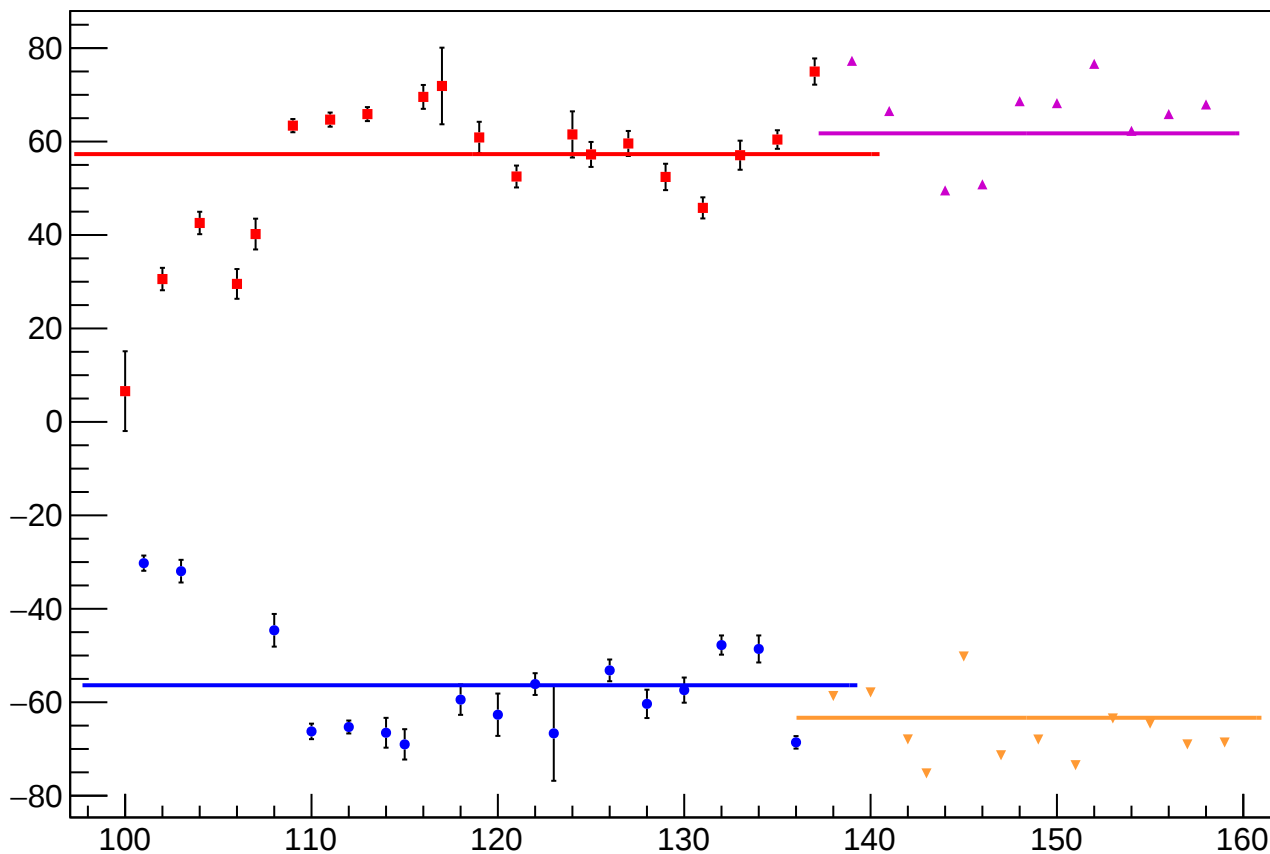
Left In: -1.842 ± 0.143 χ^2/NDF : 247.4/9

2.719 ± 0.132 χ^2/NDF : 678.4/28

0.227 ± 0.093 χ^2/NDF : 1795.1/58

-2.191 ± 0.130 χ^2/NDF : 416.3/29

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.362±/0.543 χ^2/NDF : 587.2/16

Left Out: -63.321±/0.212 χ^2/NDF :1540.4/11

Right Out: 57.314±/0.535 χ^2/NDF : 479.2/19

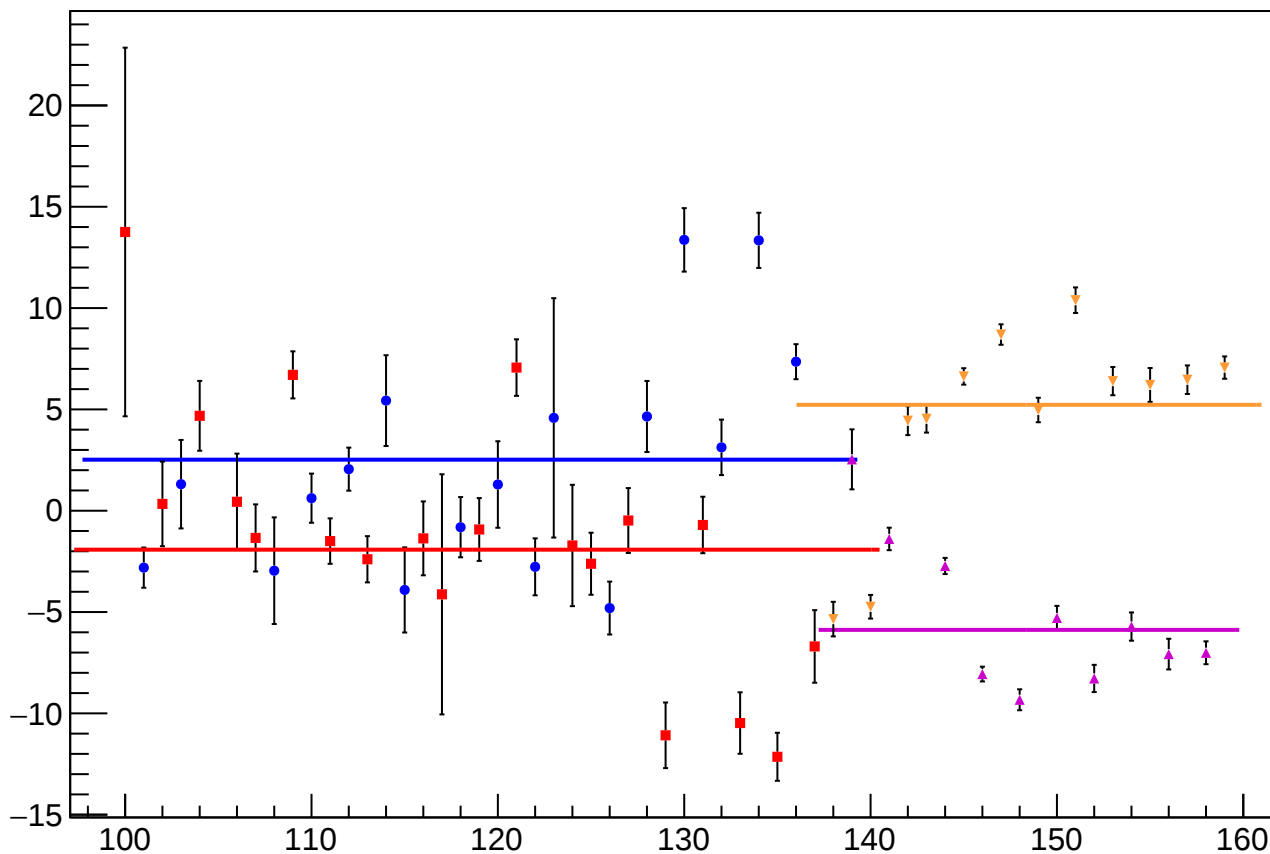
Left In: 61.756±/0.211 χ^2/NDF :2181.9/9

-62.402±/0.197 χ^2/NDF : 2270.0/28

-0.211±/0.139 χ^2/NDF : 202323.4/58

61.159±/0.196 χ^2/NDF : 2720.7/29

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.520 $\pm$ 0.347 χ^2/NDF : 242.3/16

Left Out: 5.227 $\pm$ 0.175 χ^2/NDF : 591.6/11

Right Out: -1.922 $\pm$ 0.354 χ^2/NDF : 264.7/19

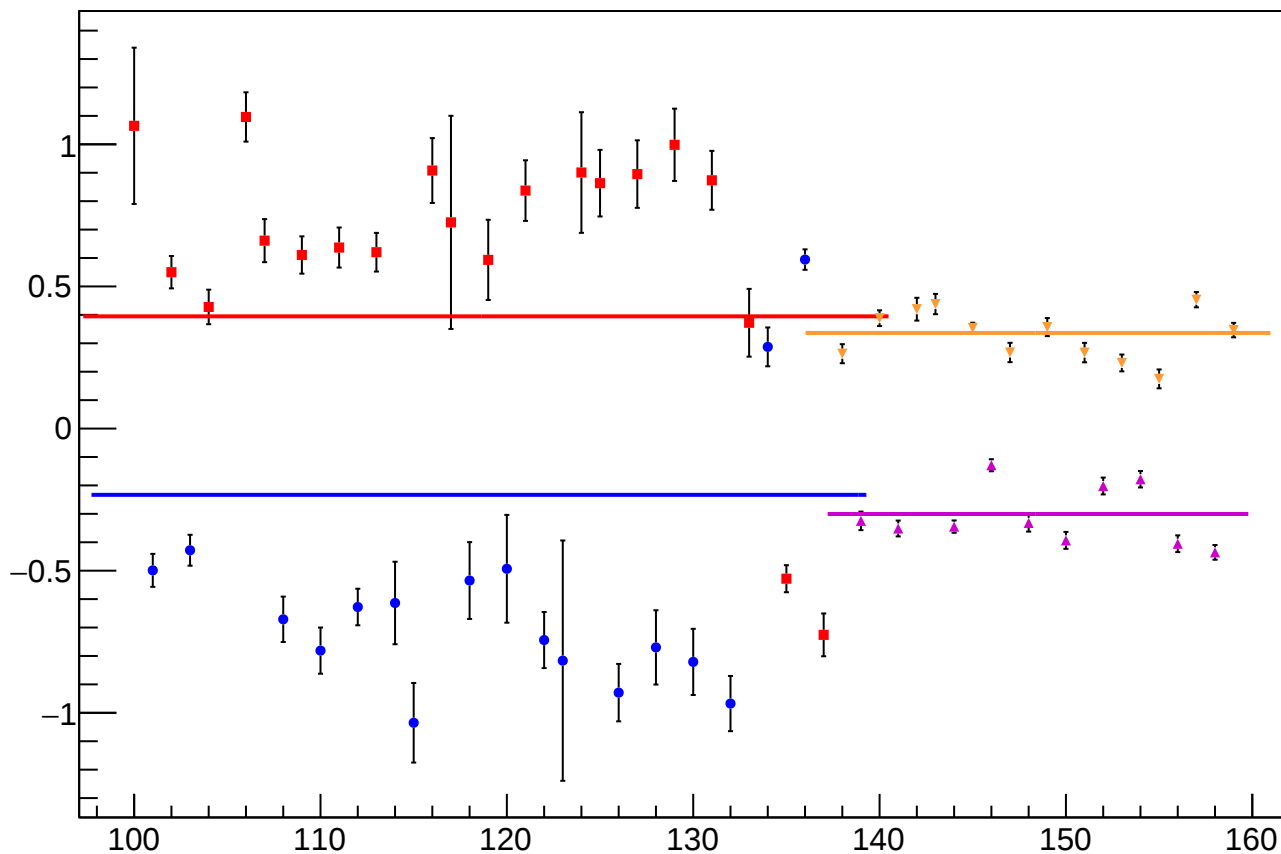
Left In: -5.880 $\pm$ 0.173 χ^2/NDF : 261.0/9

4.676 $\pm$ 0.157 χ^2/NDF : 882.4/28

-0.247 $\pm$ 0.110 χ^2/NDF : 3474.2/58

-5.115 $\pm$ 0.156 χ^2/NDF : 626.4/29

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.233 ± 0.019 χ^2/NDF : 956.8/16

Left Out: 0.336 ± 0.008 χ^2/NDF : 85.7/11

Right Out: 0.395 ± 0.019 χ^2/NDF : 845.9/19

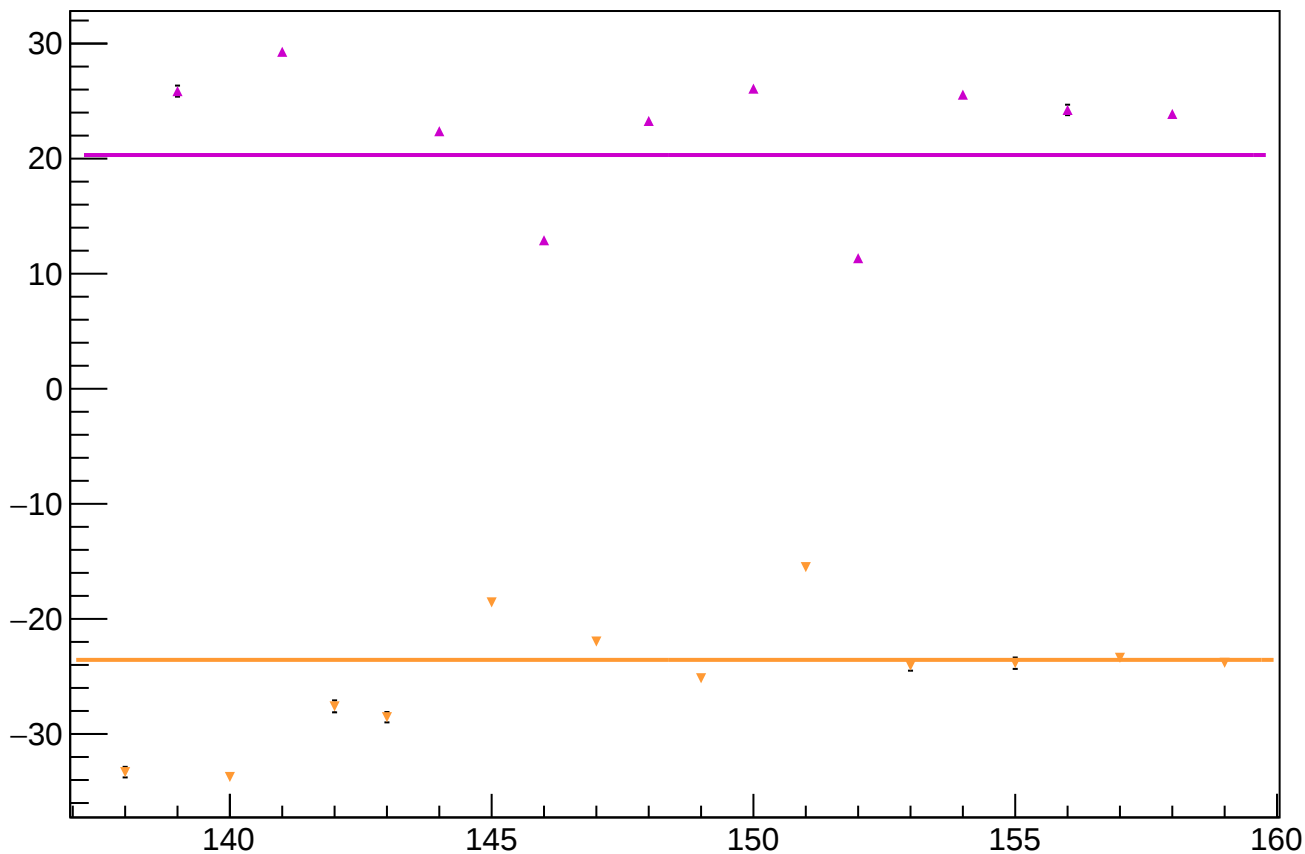
Left In: -0.301 ± 0.009 χ^2/NDF : 153.2/9

0.243 ± 0.008 χ^2/NDF : 1801.7/28

0.034 ± 0.005 χ^2/NDF : 5448.2/58

-0.183 ± 0.008 χ^2/NDF : 2117.2/29

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -23.560+/-0.104 χ^2/NDF : 2683.5/11

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

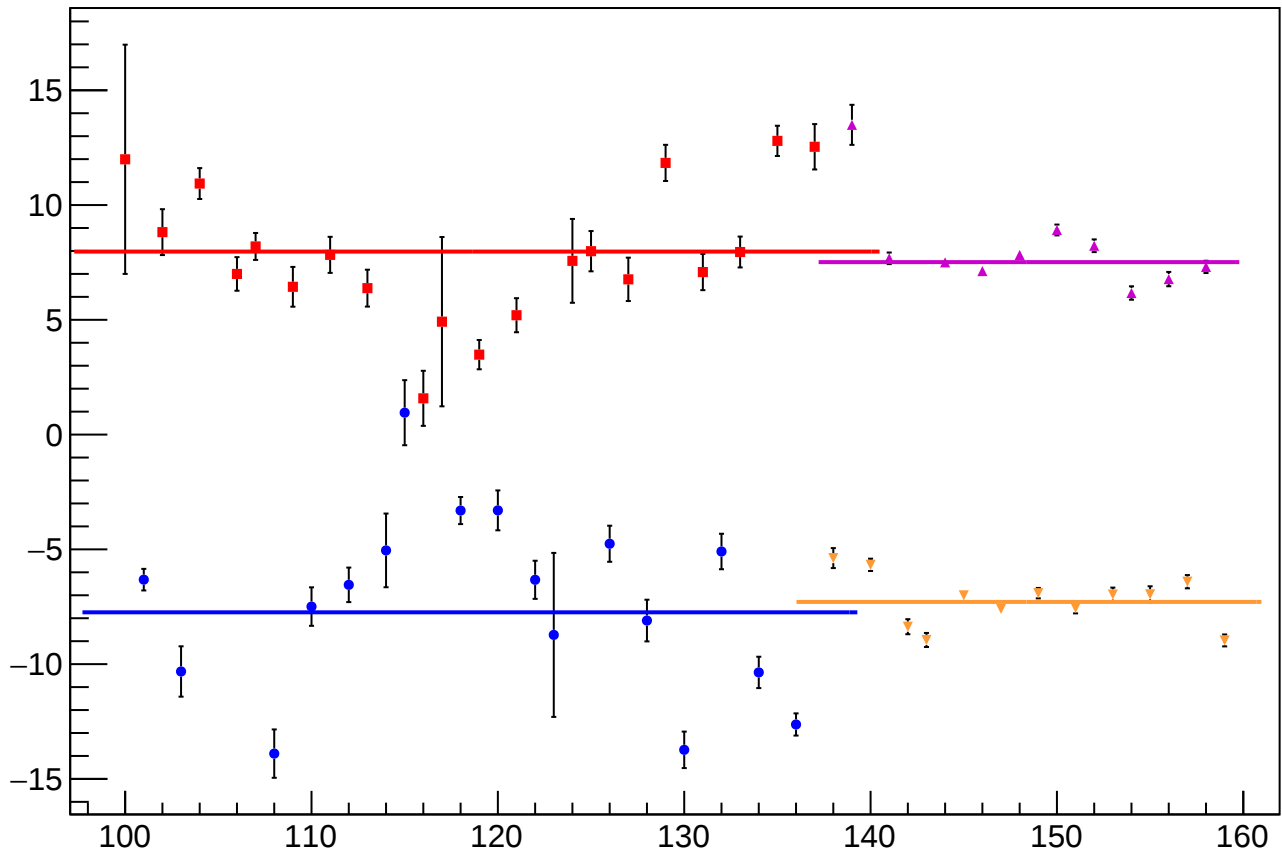
Left In: 20.314+/-0.100 χ^2/NDF : 3645.9/9

-23.560+/-0.104 χ^2/NDF : 2683.5/11

-0.757+/-0.072 χ^2/NDF : 99362.8/21

20.314+/-0.100 χ^2/NDF : 3645.9/9

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.743 ± 0.187 χ^2/NDF : 377.5/16

Left Out: -7.289 ± 0.071 χ^2/NDF : 159.2/11

Right Out: 7.973 ± 0.186 χ^2/NDF : 224.2/19

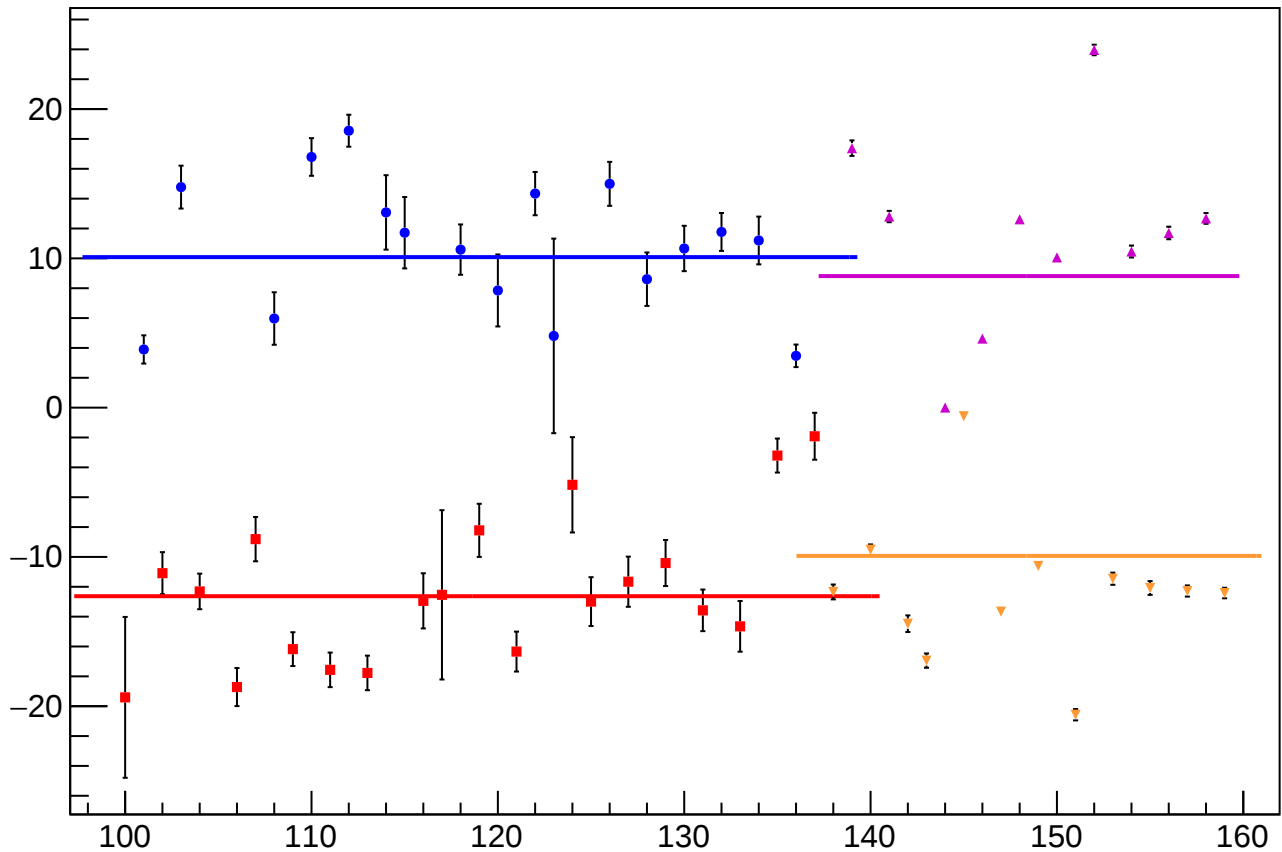
Left In: 7.514 ± 0.066 χ^2/NDF : 131.3/9

-7.346 ± 0.067 χ^2/NDF : 541.8/28

0.614 ± 0.045 χ^2/NDF : 27677.1/58

7.565 ± 0.062 χ^2/NDF : 361.0/29

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.083 ± 0.338 χ^2/NDF : 252.7/16

Left Out: -9.931 ± 0.103 χ^2/NDF : 3401.9/11

Right Out: -12.631 ± 0.332 χ^2/NDF : 218.6/19

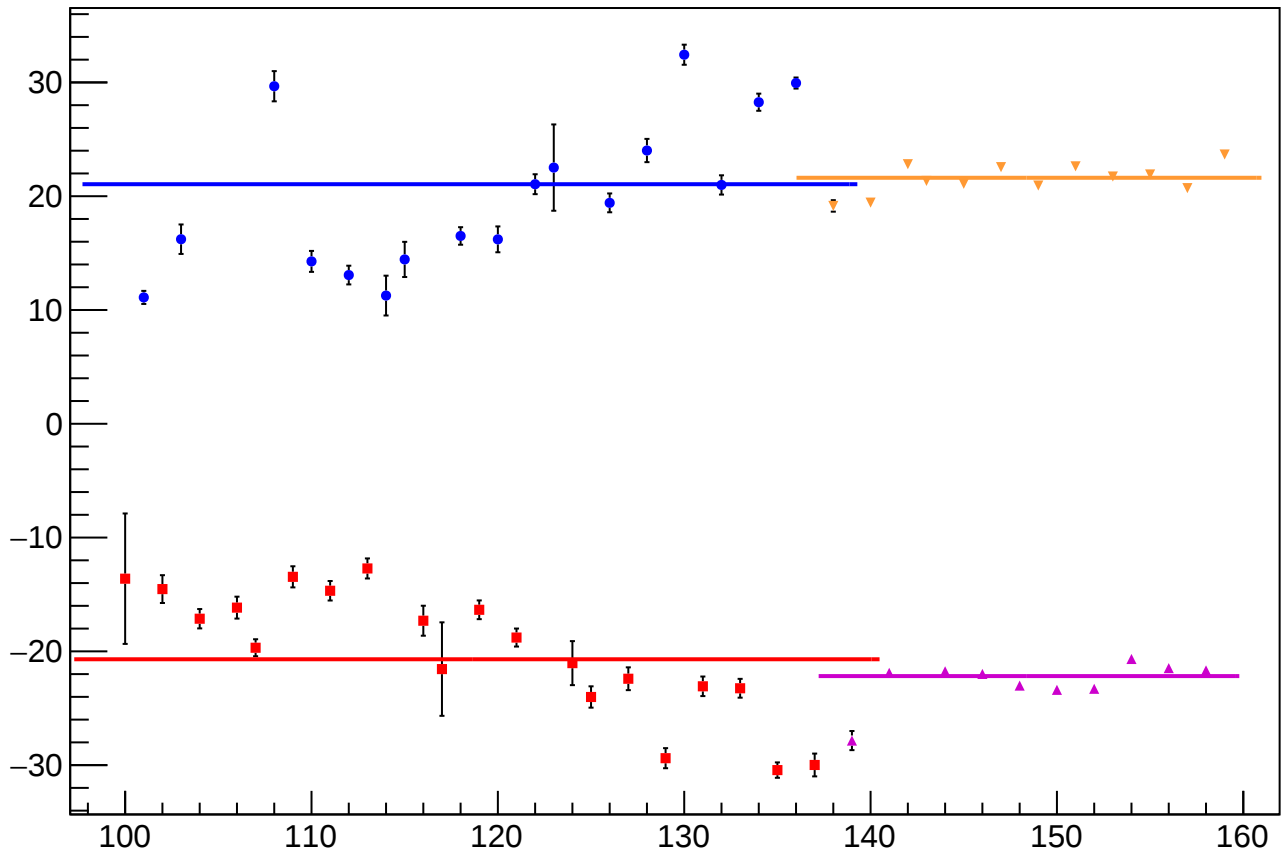
Left In: 8.813 ± 0.098 χ^2/NDF : 4421.6/9

-8.223 ± 0.099 χ^2/NDF : 6862.9/28

-0.172 ± 0.068 χ^2/NDF : 28000.1/58

7.101 ± 0.094 χ^2/NDF : 8477.1/29

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 21.055 ± 0.211 χ^2/NDF : 1211.8/16

Left Out: 21.620 ± 0.086 χ^2/NDF : 184.0/11

Right Out: -20.696 ± 0.212 χ^2/NDF : 724.1/19

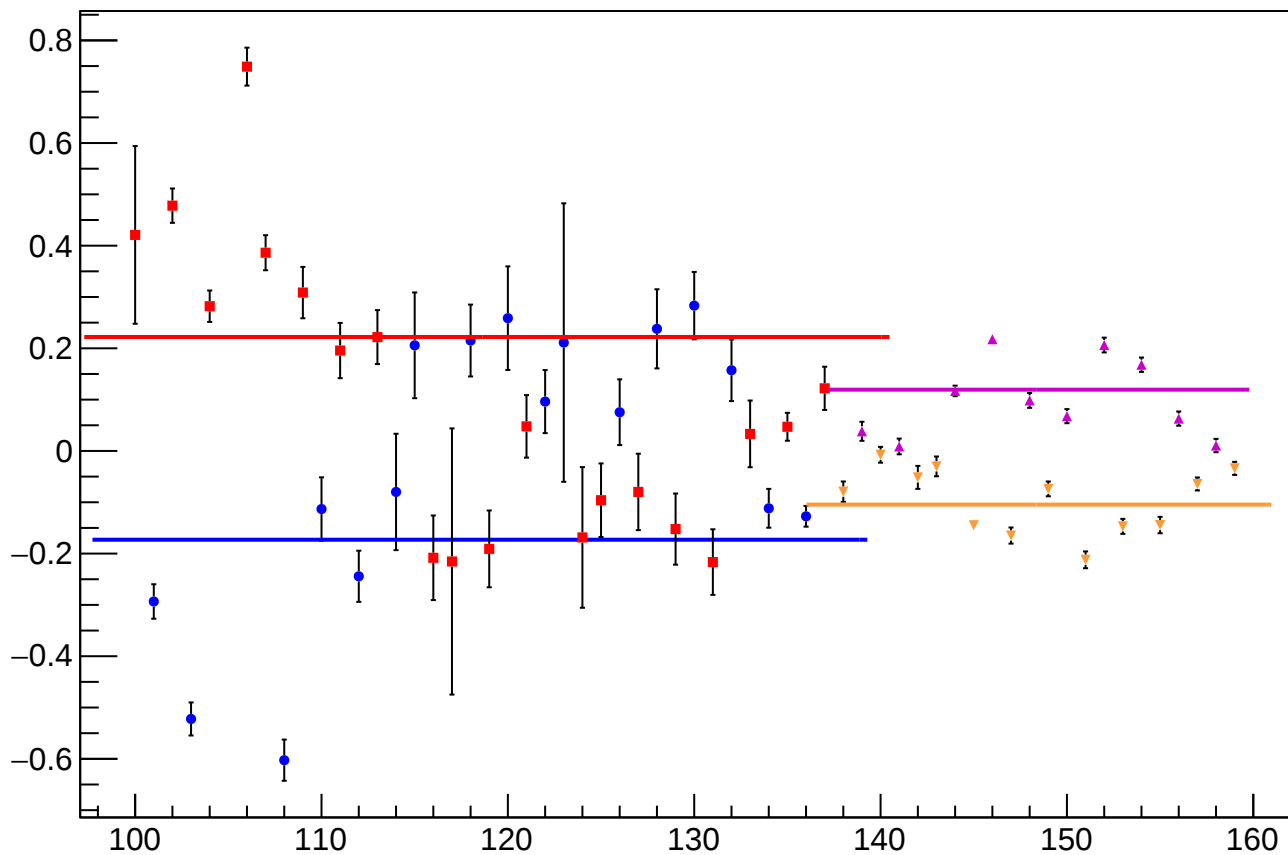
Left In: -22.174 ± 0.080 χ^2/NDF : 122.6/9

21.540 ± 0.079 χ^2/NDF : 1401.9/28

-1.414 ± 0.055 χ^2/NDF : 160935.1/58

-21.989 ± 0.075 χ^2/NDF : 889.1/29

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 χ^2/NDF : 461.8/16

Left Out: -0.105 ± 0.004 χ^2/NDF : 204.5/11

Right Out: 0.222 ± 0.011 χ^2/NDF : 538.0/19

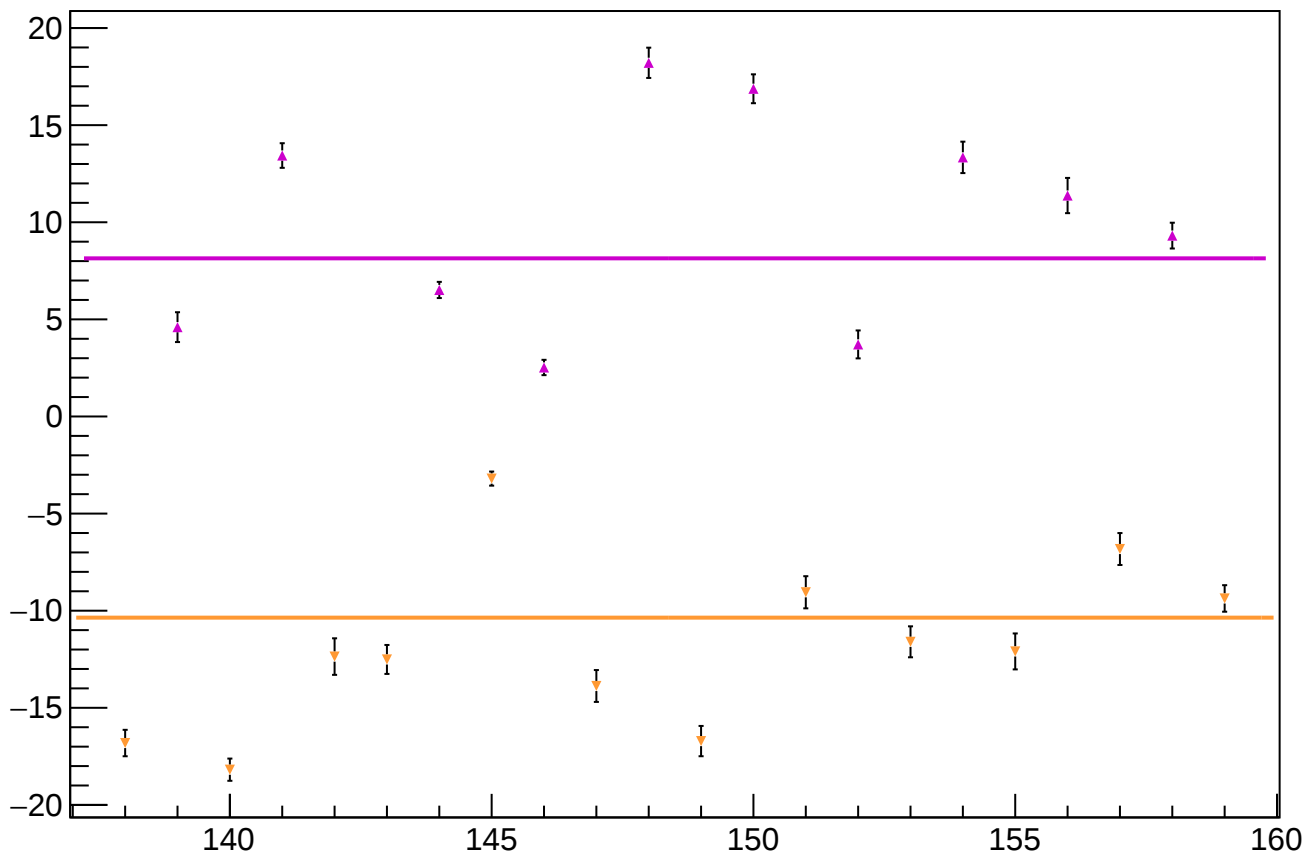
Left In: 0.119 ± 0.004 χ^2/NDF : 358.4/9

-0.113 ± 0.004 χ^2/NDF : 699.3/28

0.011 ± 0.003 χ^2/NDF : 3734.7/58

0.132 ± 0.004 χ^2/NDF : 973.8/29

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -10.358+/-0.194 χ^2/NDF : 793.8/11

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

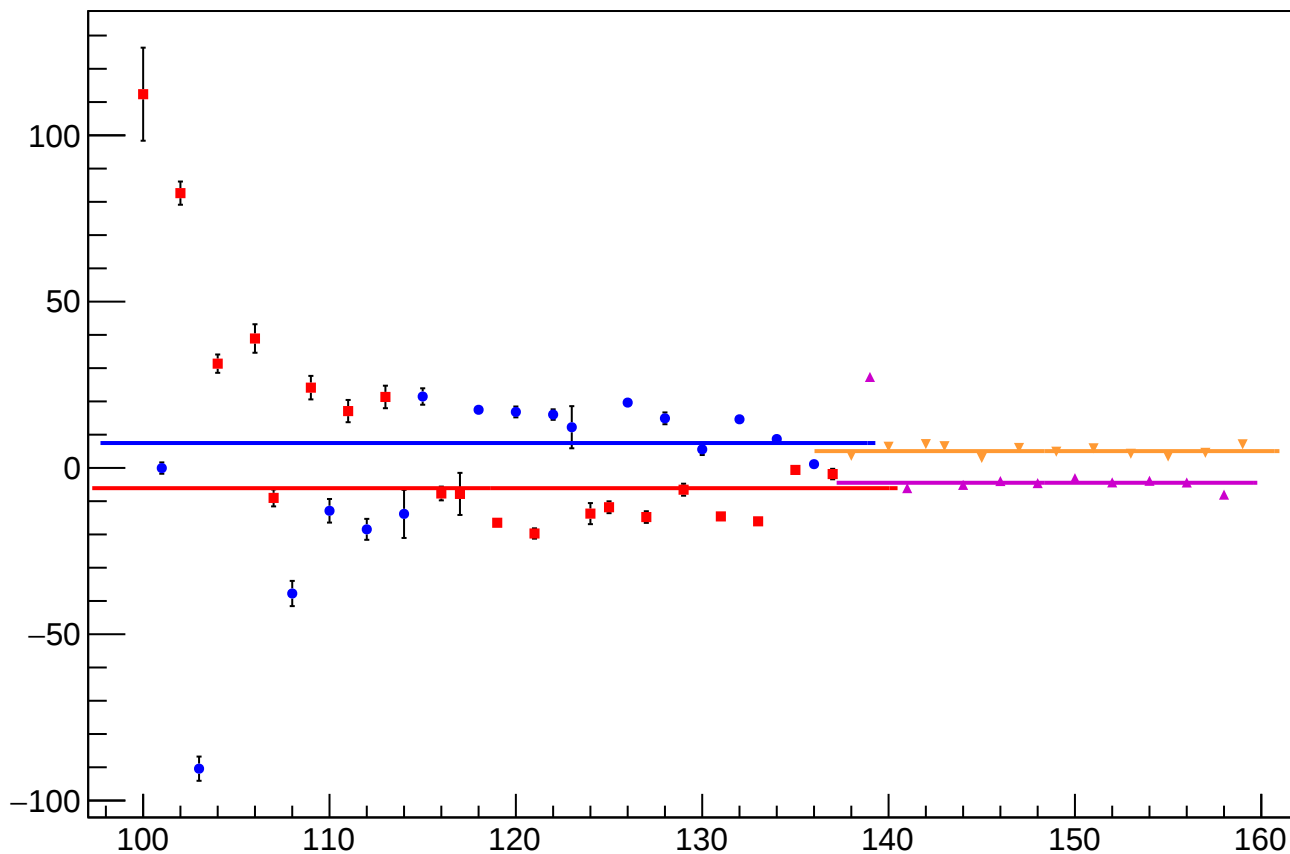
Left In: 8.142+/-0.193 χ^2/NDF : 709.0/9

-10.358+/-0.194 χ^2/NDF : 793.8/11

-1.094+/-0.137 χ^2/NDF : 6078.3/21

8.142+/-0.193 χ^2/NDF : 709.0/9

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.488 ± 0.407 χ^2/NDF : 1340.5/16

Left Out: 5.057 ± 0.136 χ^2/NDF : 122.7/11

Right Out: -6.086 ± 0.433 χ^2/NDF : 1512.2/19

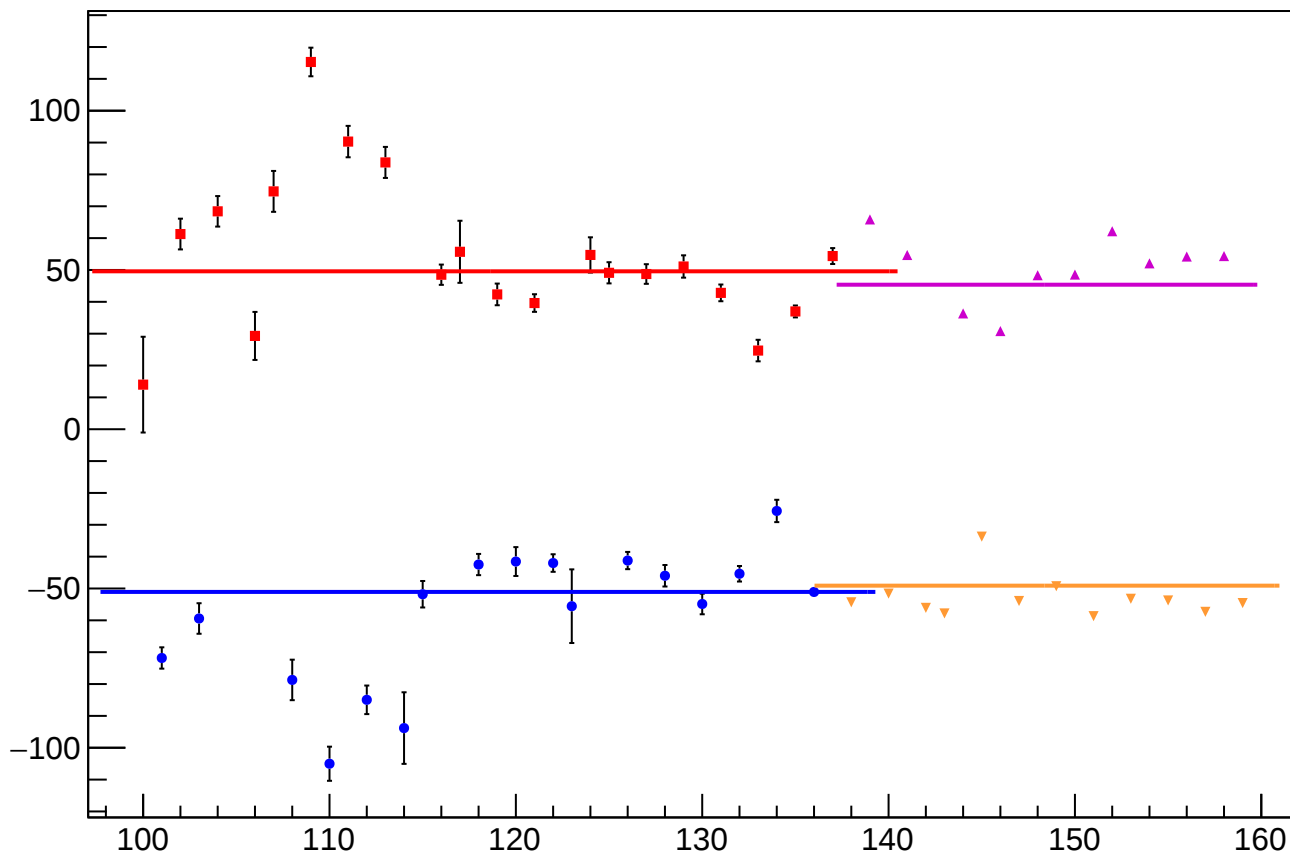
Left In: -4.462 ± 0.132 χ^2/NDF : 622.7/9

5.302 ± 0.129 χ^2/NDF : 1495.3/28

0.224 ± 0.090 χ^2/NDF : 6656.2/58

-4.599 ± 0.126 χ^2/NDF : 2147.7/29

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -51.077 ± 0.741 χ^2/NDF : 330.2/16

Left Out: -49.112 ± 0.195 χ^2/NDF : 2250.8/11

Right Out: 49.579 ± 0.796 χ^2/NDF : 510.0/19

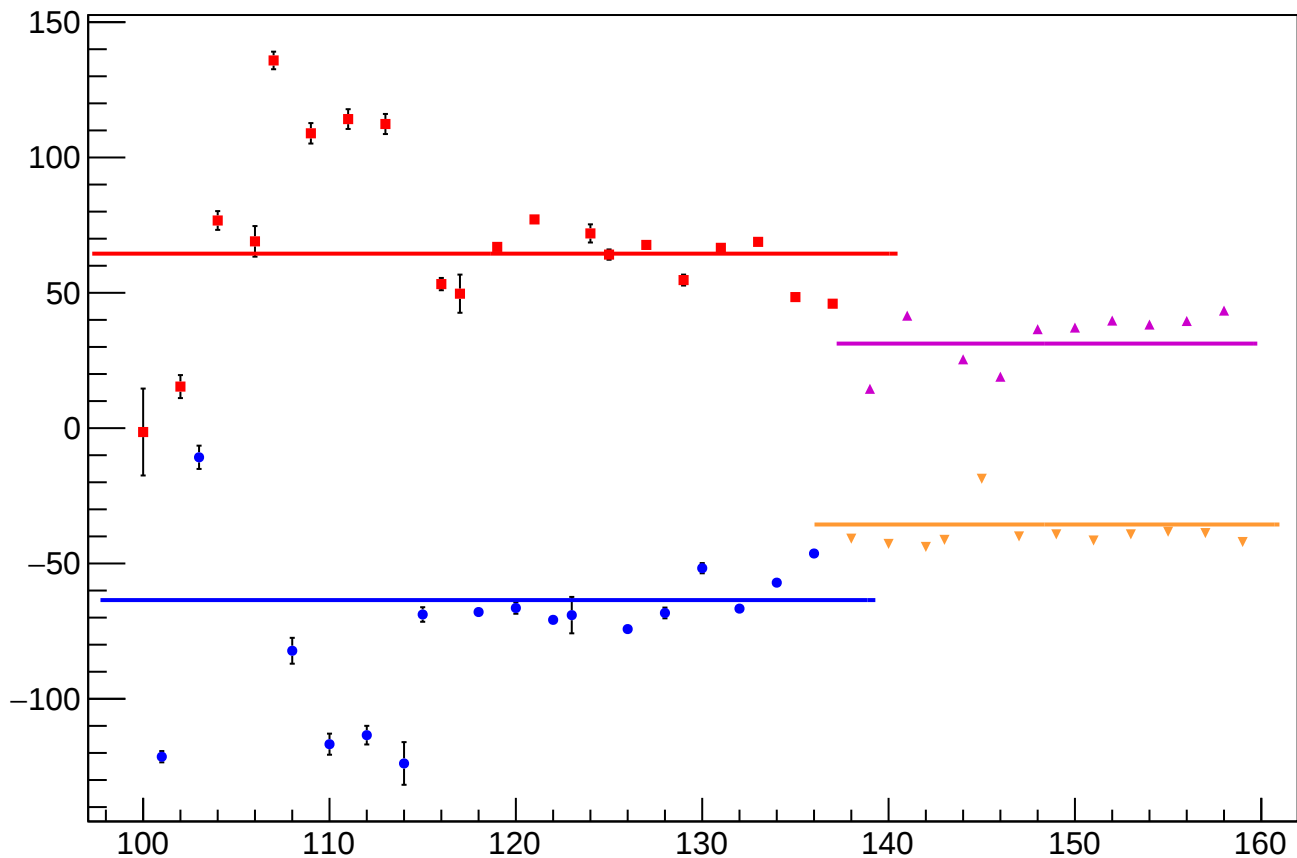
Left In: 45.374 ± 0.191 χ^2/NDF : 3713.1/9

-49.239 ± 0.188 χ^2/NDF : 2587.6/28

-1.065 ± 0.132 χ^2/NDF : 135528.0/58

45.602 ± 0.185 χ^2/NDF : 4249.4/29

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.525 ± 0.449 χ^2/NDF : 2010.9/16

Left Out: -35.598 ± 0.162 χ^2/NDF : 3425.9/11

Right Out: 64.470 ± 0.482 χ^2/NDF : 1607.5/19

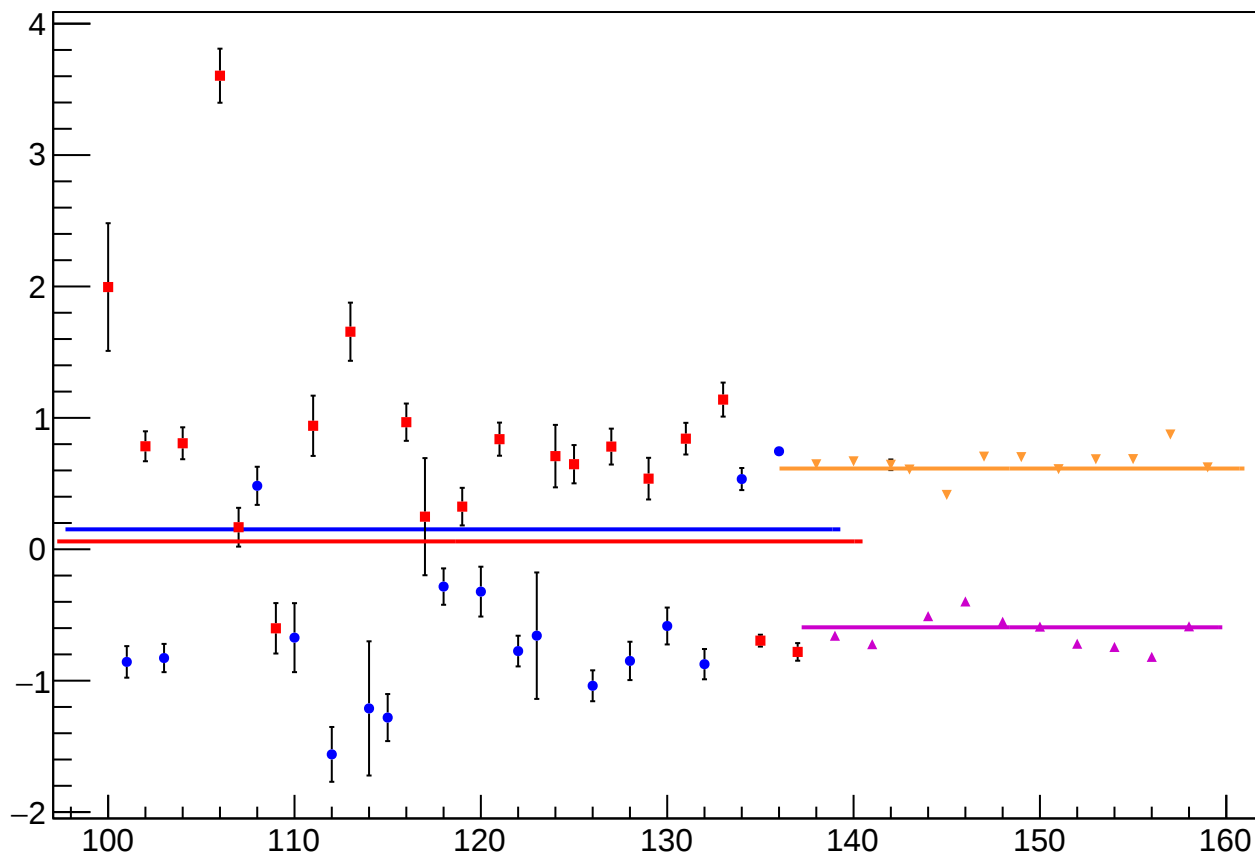
Left In: 31.240 ± 0.158 χ^2/NDF : 3594.6/9

-38.826 ± 0.153 χ^2/NDF : 8863.4/28

-1.649 ± 0.107 χ^2/NDF : 135465.8/58

34.477 ± 0.150 χ^2/NDF : 9495.3/29

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.152 ± 0.024 $\chi^2/\text{NDF}: 987.4/16$

Left Out: 0.615 ± 0.008 $\chi^2/\text{NDF}: 310.5/11$

Right Out: 0.060 ± 0.026 $\chi^2/\text{NDF}: 1162.1/19$

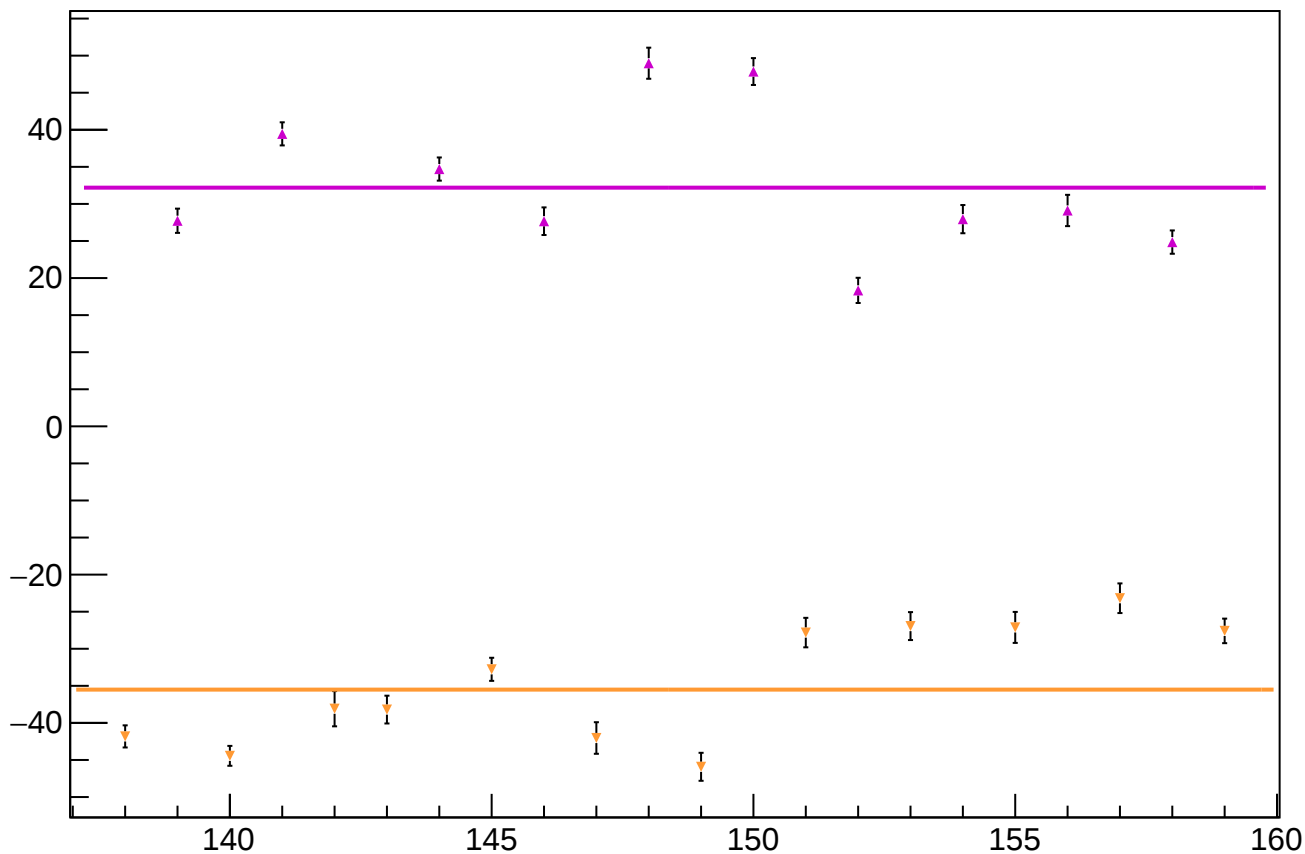
Left In: -0.594 ± 0.008 $\chi^2/\text{NDF}: 287.8/9$

0.572 ± 0.007 $\chi^2/\text{NDF}: 1634.7/28$

0.027 ± 0.005 $\chi^2/\text{NDF}: 15102.2/58$

-0.541 ± 0.007 $\chi^2/\text{NDF}: 2020.4/29$

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -35.510+/-0.516 χ^2/NDF : 221.0/11

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

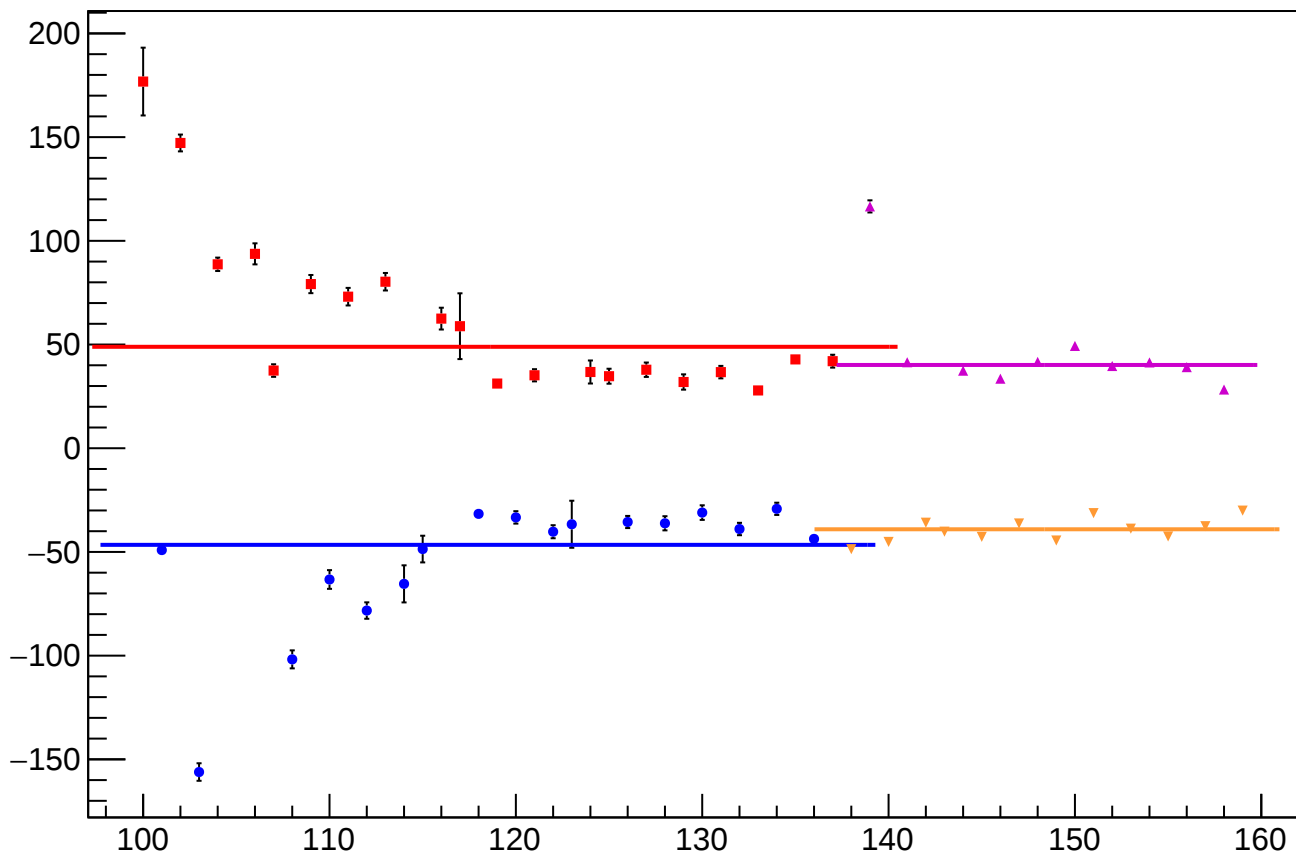
Left In: 32.193+/-0.553 χ^2/NDF : 271.8/9

-35.510+/-0.516 χ^2/NDF : 221.0/11

-4.033+/-0.377 χ^2/NDF : 8503.7/21

32.193+/-0.553 χ^2/NDF : 271.8/9

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.579 ± 0.730 χ^2/NDF : 1076.4/16

Left Out: -39.073 ± 0.361 χ^2/NDF : 227.2/11

Right Out: 48.911 ± 0.763 χ^2/NDF : 1277.9/19

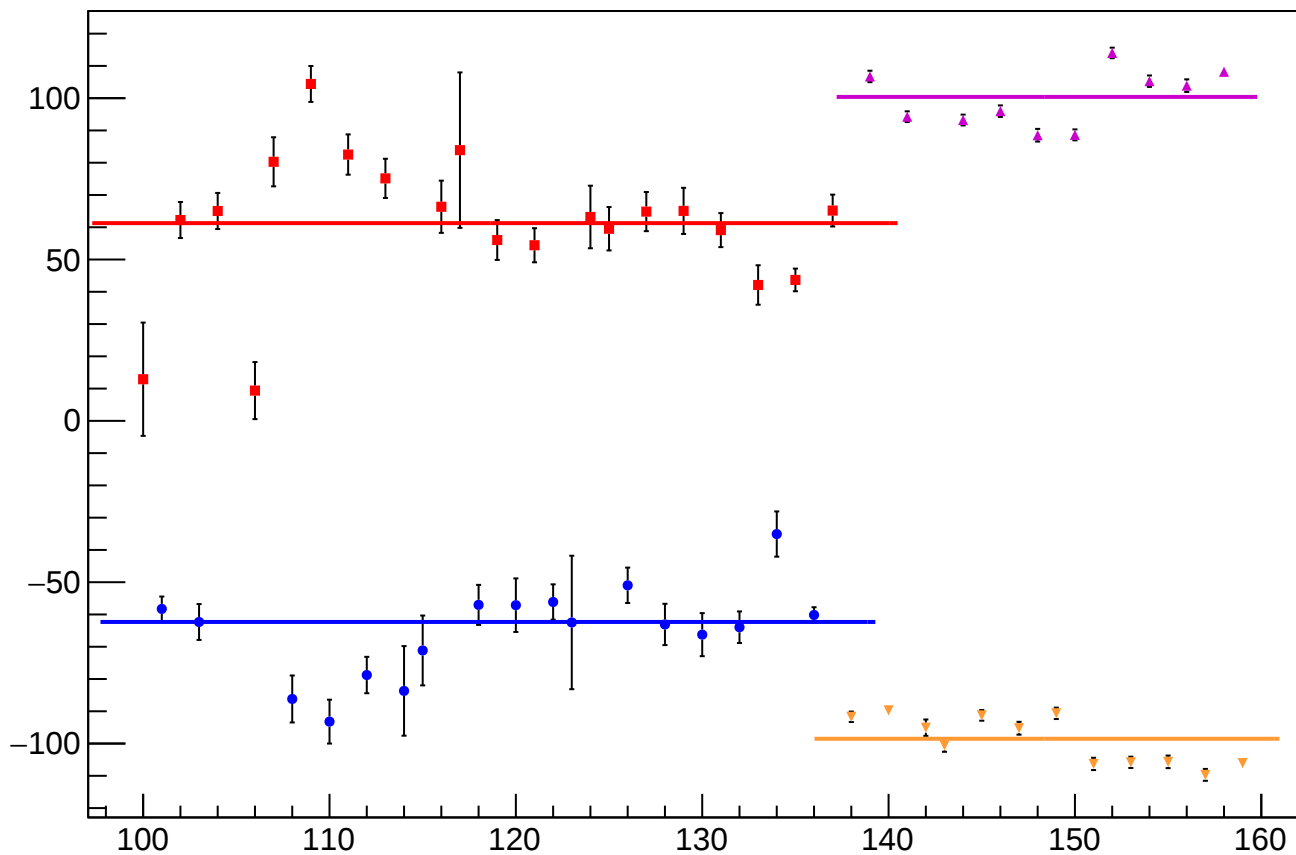
Left In: 40.153 ± 0.387 χ^2/NDF : 902.0/9

-40.550 ± 0.324 χ^2/NDF : 1388.6/28

-1.978 ± 0.236 χ^2/NDF : 34042.2/58

41.950 ± 0.345 χ^2/NDF : 2284.8/29

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.315±/-1.316 χ^2/NDF : 67.1/16

Left Out: -98.515±/-0.513 χ^2/NDF :209.3/11

Right Out: 61.277±/-1.379 χ^2/NDF : 165.9/19

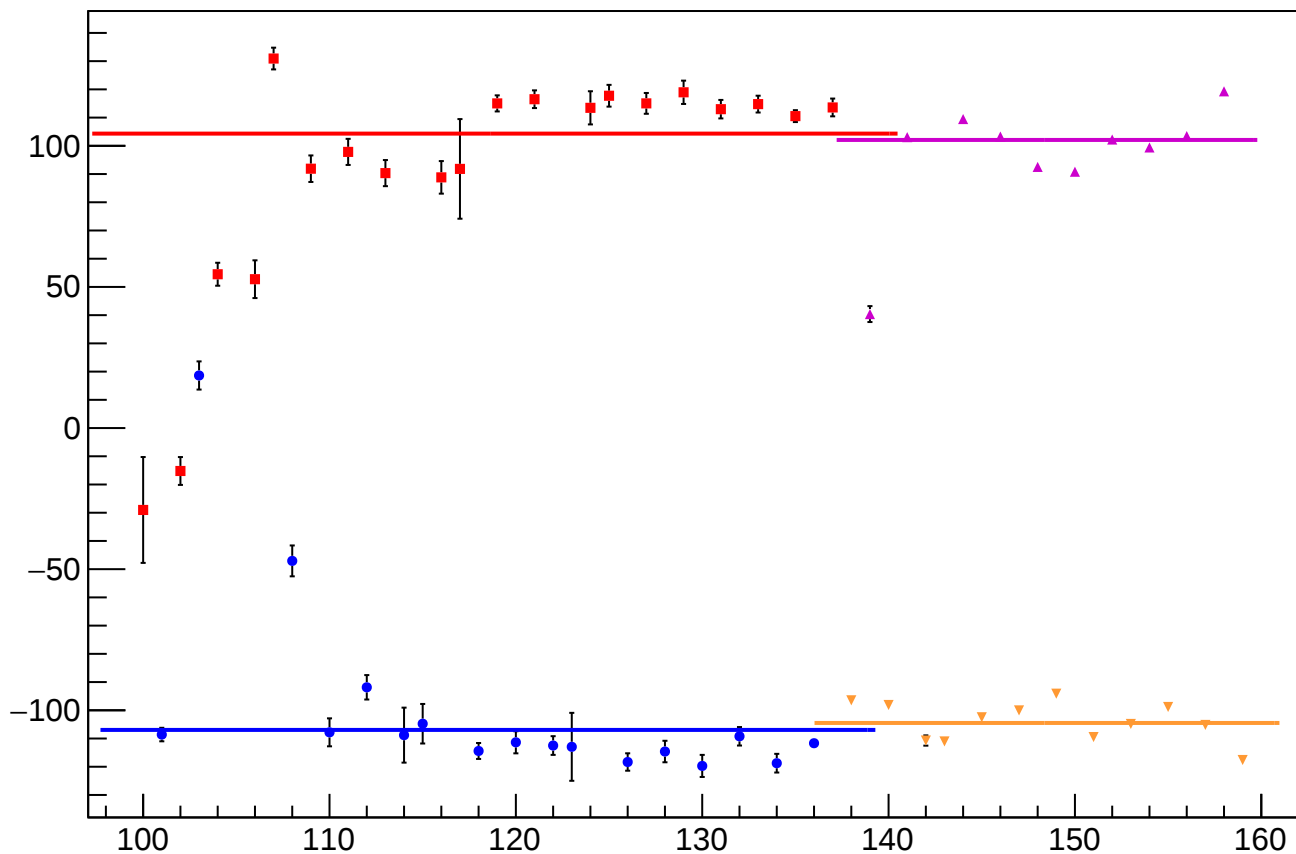
Left In: 100.391±/-0.543 χ^2/NDF :245.5/9

-93.739±/-0.478 χ^2/NDF : 933.7/28

-4.515±/-0.347 χ^2/NDF : 75847.1/58

95.143±/-0.505 χ^2/NDF : 1108.2/29

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -106.954 ± 0.817 χ^2/NDF : 827.2/16

Left Out: -104.488 ± 0.430 χ^2/NDF : 280.3/11

Right Out: 104.326 ± 0.860 χ^2/NDF : 1021.5/19

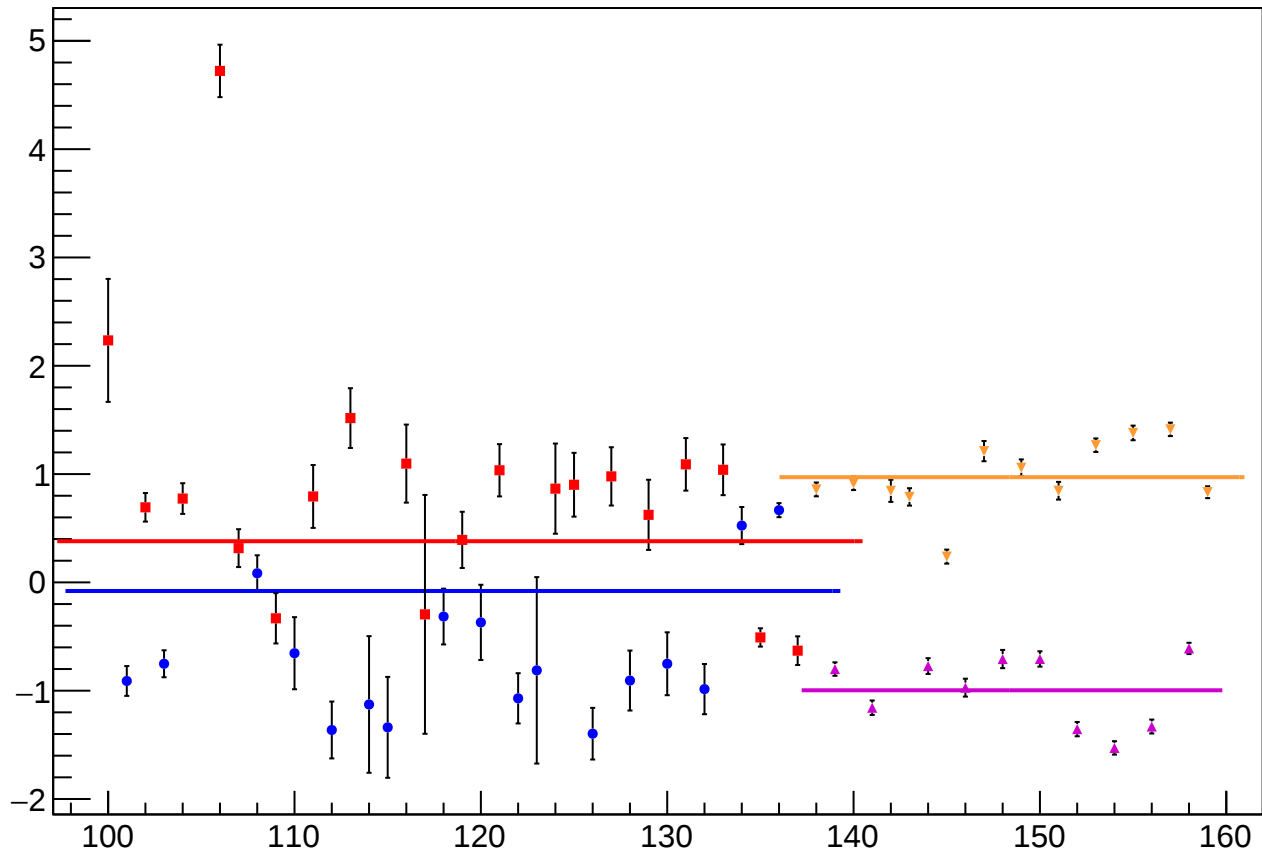
Left In: 102.081 ± 0.459 χ^2/NDF : 851.2/9

-105.022 ± 0.380 χ^2/NDF : 1114.7/28

-7.663 ± 0.277 χ^2/NDF : 142680.1/58

102.578 ± 0.405 χ^2/NDF : 1878.0/29

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.079 ± 0.042 χ^2/NDF : 328.5/16

Left Out: 0.972 ± 0.020 χ^2/NDF : 264.7/11

Right Out: 0.380 ± 0.044 χ^2/NDF : 580.9/19

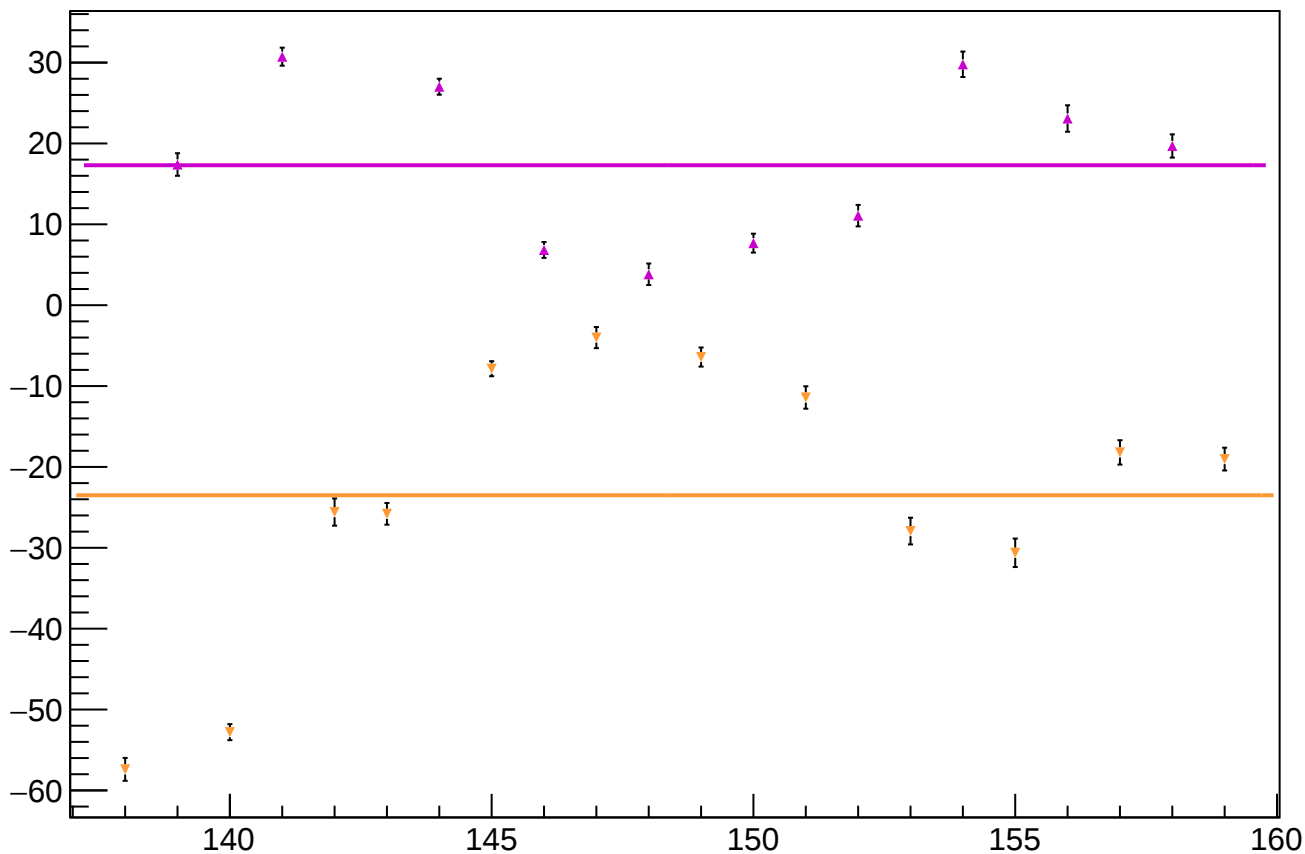
Left In: -0.996 ± 0.021 χ^2/NDF : 238.3/9

0.779 ± 0.018 χ^2/NDF : 1098.1/28

0.056 ± 0.013 χ^2/NDF : 6061.1/58

-0.739 ± 0.019 χ^2/NDF : 1616.1/29

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -23.505+/-0.377 χ^2/NDF : 2292.1/11

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

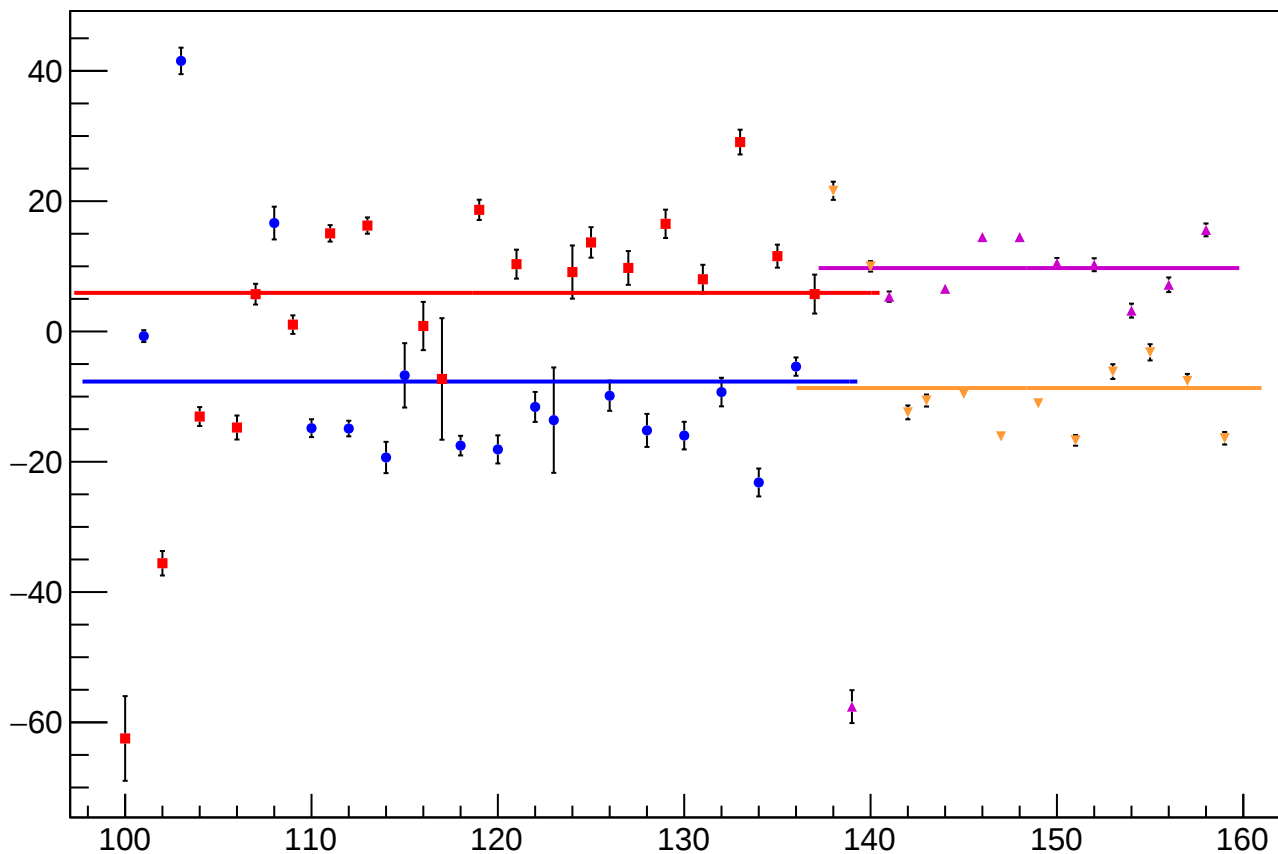
Left In: 17.307+/-0.392 χ^2/NDF : 627.4/9

-23.505+/-0.377 χ^2/NDF : 2292.1/11

-3.899+/-0.272 χ^2/NDF : 8555.9/21

17.307+/-0.392 χ^2/NDF : 627.4/9

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.686 ± 0.430 χ^2/NDF : 975.9/16

Left Out: -8.685 ± 0.258 χ^2/NDF : 1361.4/11

Right Out: 5.925 ± 0.428 χ^2/NDF : 1300.1/19

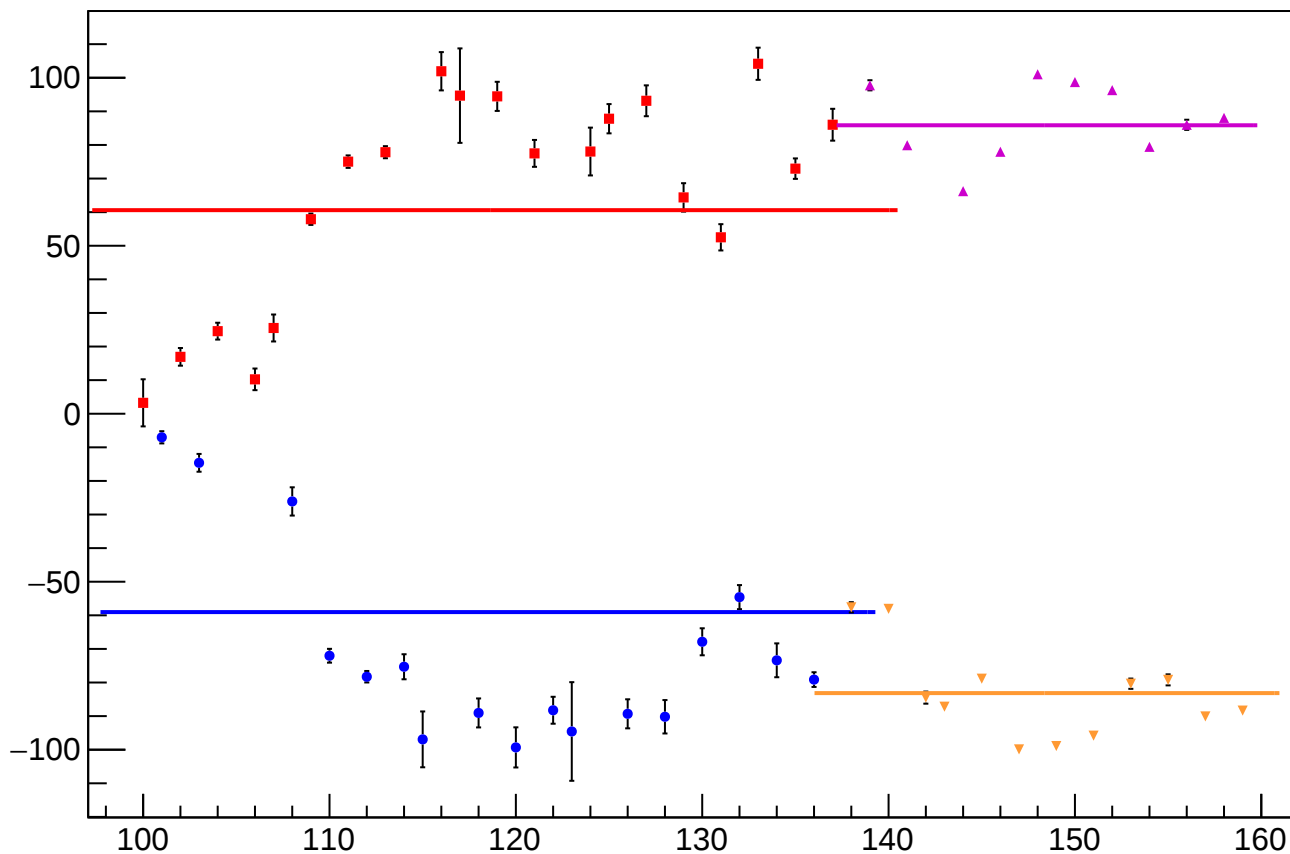
Left In: 9.732 ± 0.267 χ^2/NDF : 952.8/9

-8.420 ± 0.221 χ^2/NDF : 2341.3/28

-0.069 ± 0.158 χ^2/NDF : 7565.2/58

8.669 ± 0.226 χ^2/NDF : 2309.8/29

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.039 ± 0.746 χ^2/NDF : 1709.5/16

Left Out: -83.150 ± 0.375 χ^2/NDF : 1404.5/11

Right Out: 60.593 ± 0.704 χ^2/NDF : 1390.7/19

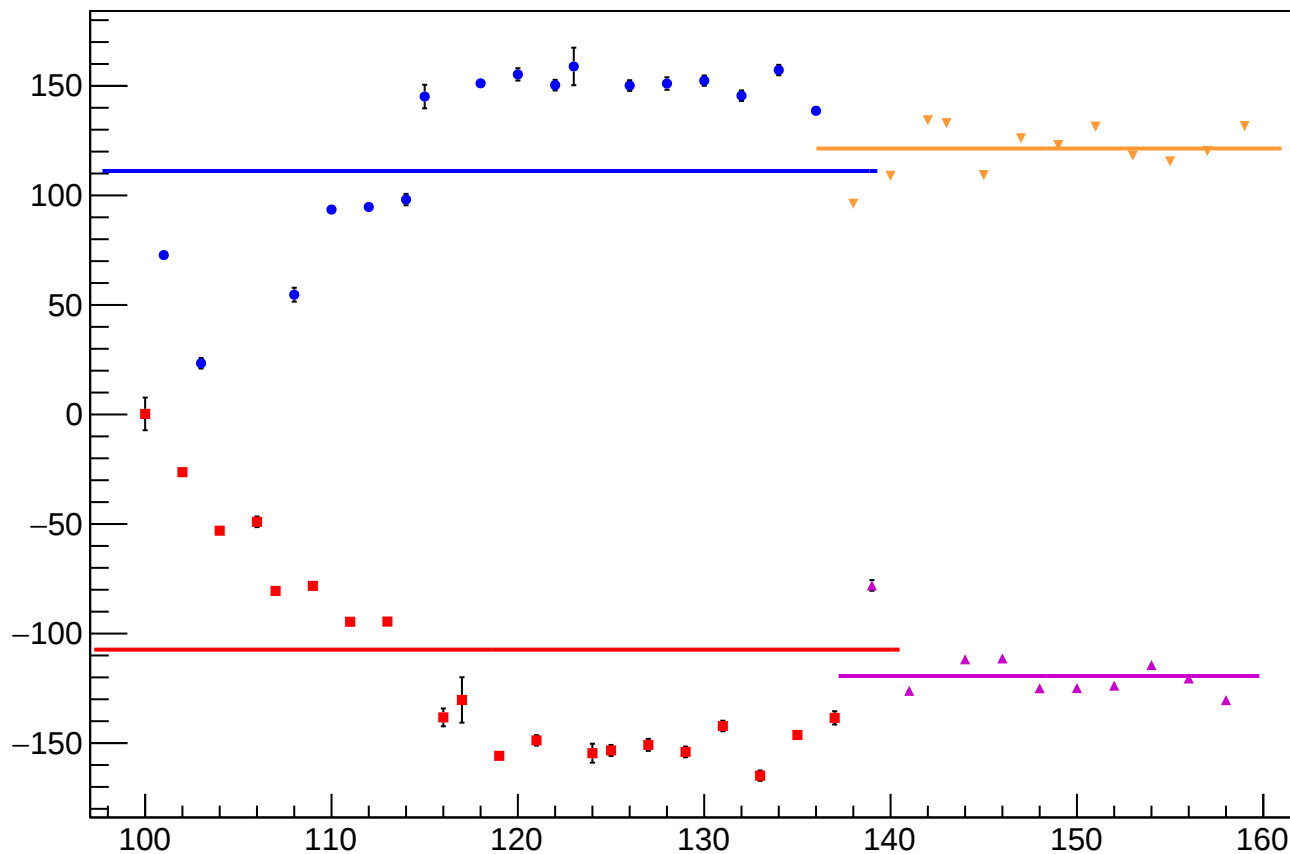
Left In: 85.857 ± 0.385 χ^2/NDF : 877.0/9

-78.287 ± 0.335 χ^2/NDF : 3948.7/28

0.195 ± 0.238 χ^2/NDF : 118014.9/58

80.034 ± 0.338 χ^2/NDF : 3260.0/29

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.160 $\pm$ 0.489 χ^2 /NDF: 5877.6/16

Left Out: 121.414 $\pm$ 0.311 χ^2 /NDF: 1058.4/11

Right Out: -107.334 $\pm$ 0.487 χ^2 /NDF: 7060.0/19

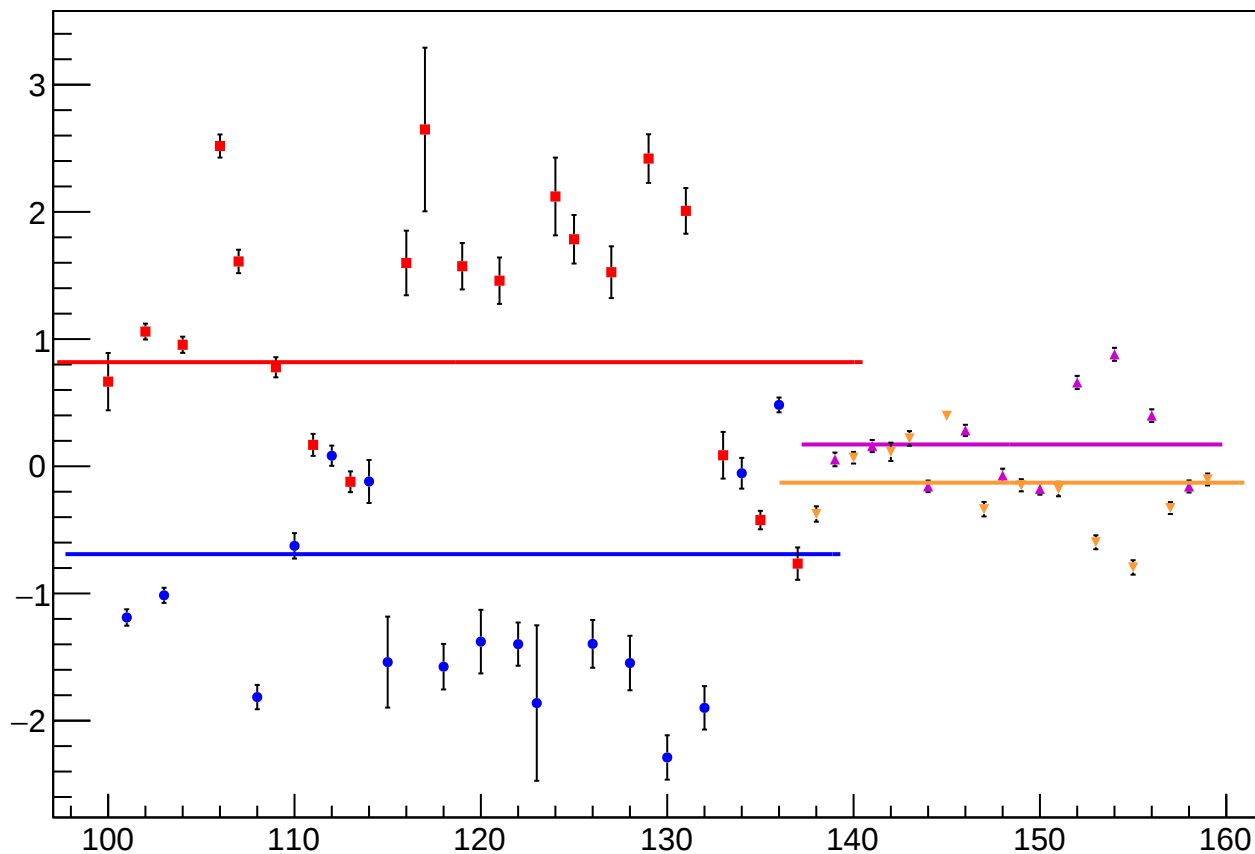
Left In: -119.372 $\pm$ 0.321 χ^2 /NDF: 748.0/9

118.462 $\pm$ 0.262 χ^2 /NDF: 7249.2/28

3.863 $\pm$ 0.187 χ^2 /NDF: 405360.9/58

-115.728 $\pm$ 0.268 χ^2 /NDF: 8233.8/29

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.691+/-0.026 χ^2 /NDF: 990.9/16

Left Out: -0.129+/-0.015 χ^2 /NDF: 511.7/11

Right Out: 0.819+/-0.024 χ^2 /NDF: 1312.5/19

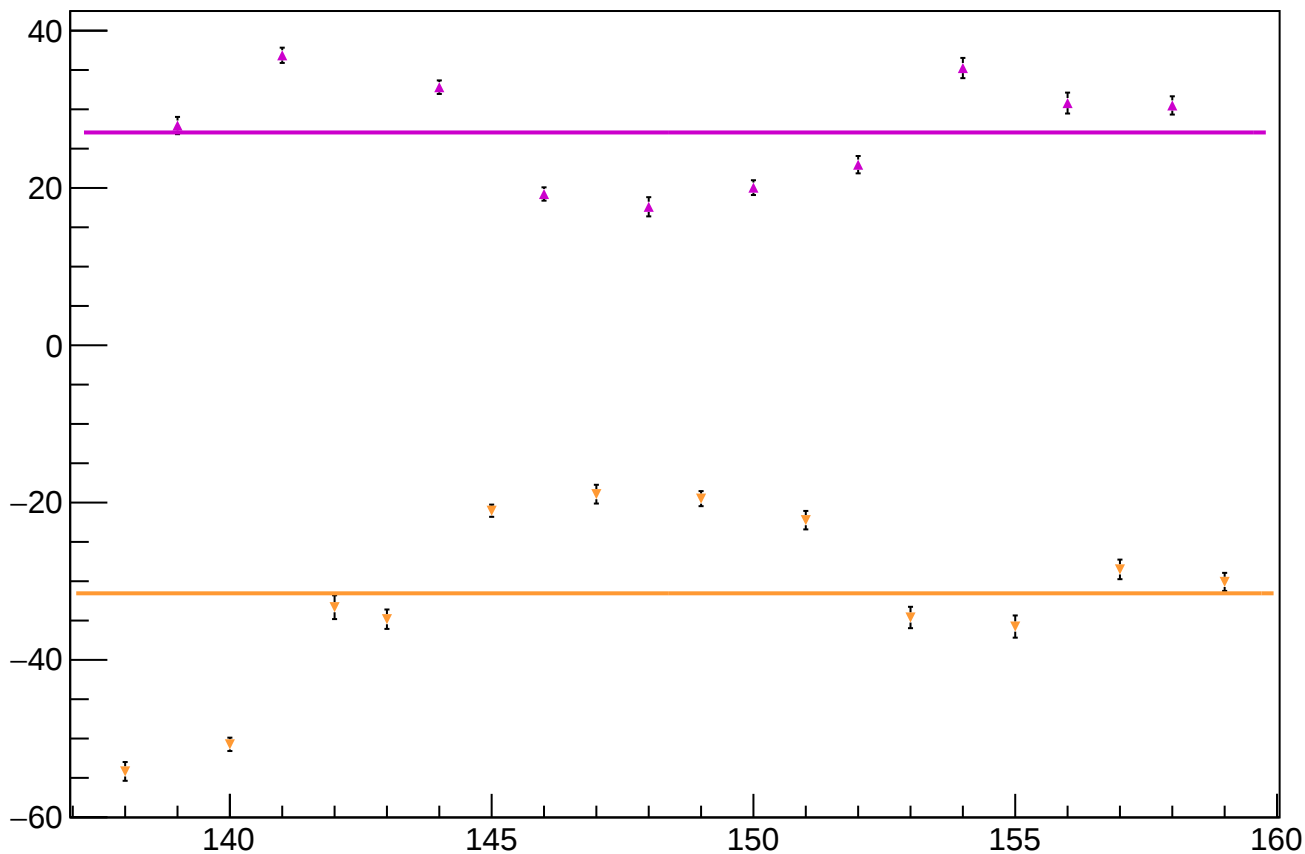
Left In: 0.171+/-0.015 χ^2 /NDF: 490.7/9

-0.269+/-0.013 χ^2 /NDF: 1858.3/28

0.041+/-0.009 χ^2 /NDF: 5331.3/58

0.357+/-0.013 χ^2 /NDF: 2307.4/29

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -31.536+/-0.319 χ^2/NDF : 1415.6/11

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

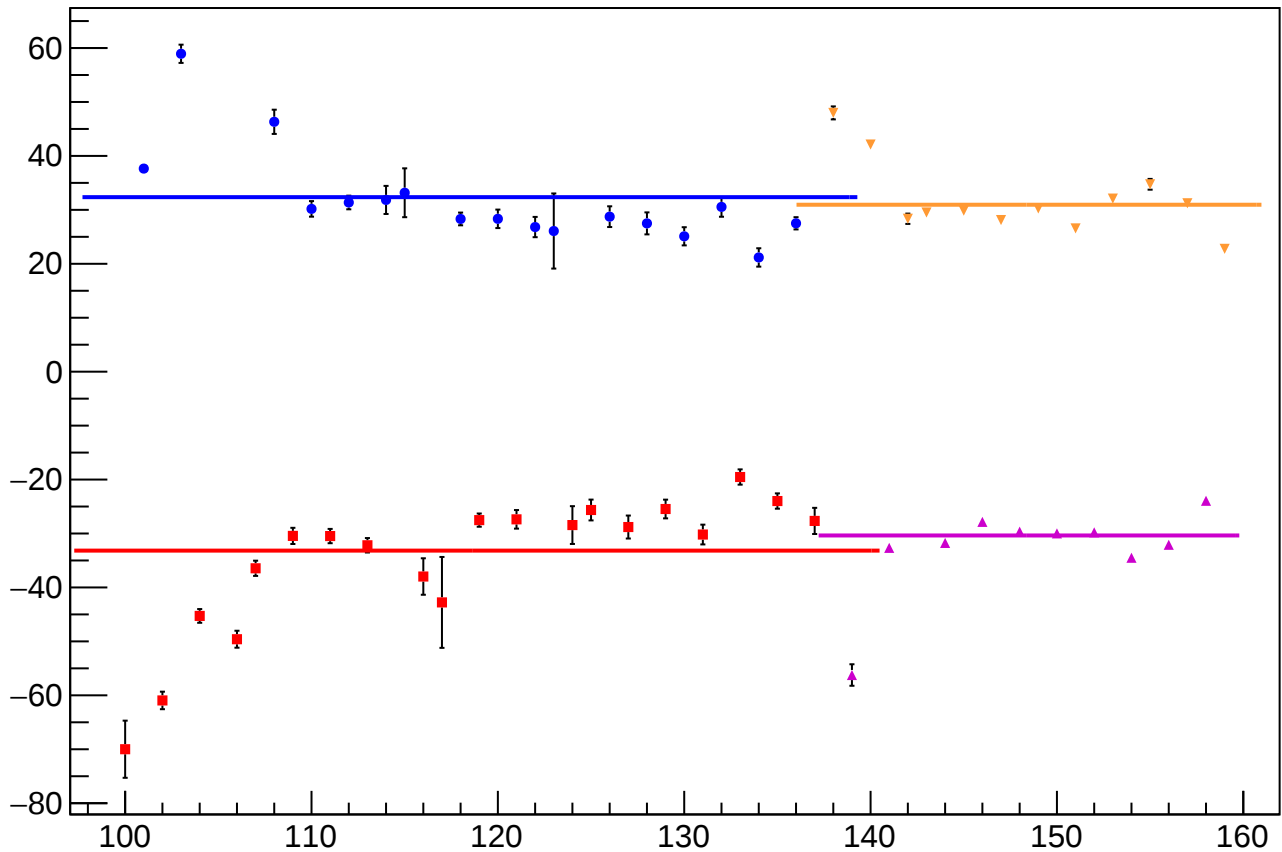
Left In: 27.057+/-0.330 χ^2/NDF : 419.3/9

-31.536+/-0.319 χ^2/NDF : 1415.6/11

-3.221+/-0.230 χ^2/NDF : 18105.4/21

27.057+/-0.330 χ^2/NDF : 419.3/9

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.355+/-0.375 χ^2/NDF : 450.5/16

Left Out: 30.949+/-0.221 χ^2/NDF : 658.4/11

Right Out: -33.172+/-0.378 χ^2/NDF : 773.3/19

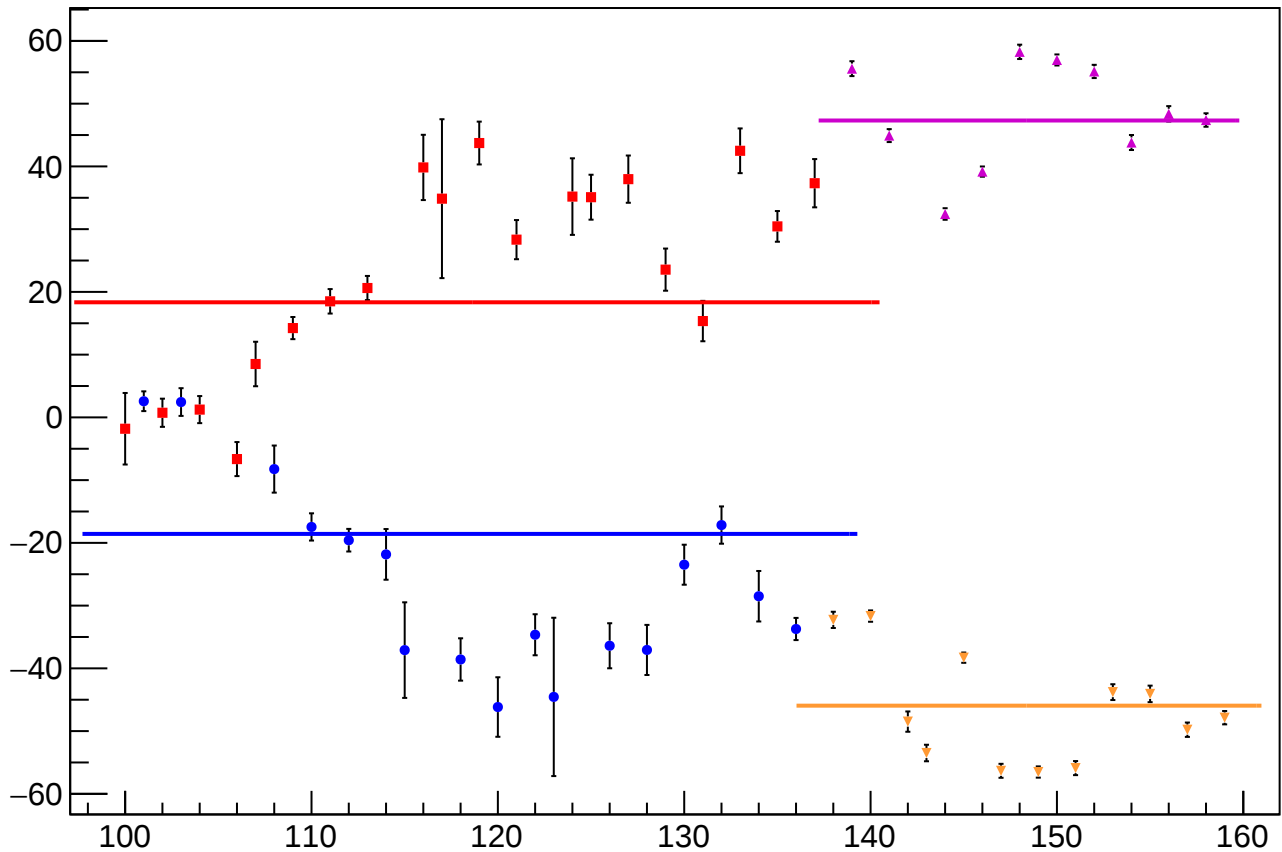
Left In: -30.364+/-0.229 χ^2/NDF : 298.6/9

31.312+/-0.191 χ^2/NDF : 1119.3/28

0.944+/-0.137 χ^2/NDF : 54323.7/58

-31.117+/-0.196 χ^2/NDF : 1112.1/29

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.572±/0.667 χ^2/NDF : 511.5/16

Left Out: -45.947±/0.317 χ^2/NDF : 807.2/11

Right Out: 18.343±/0.643 χ^2/NDF : 475.1/19

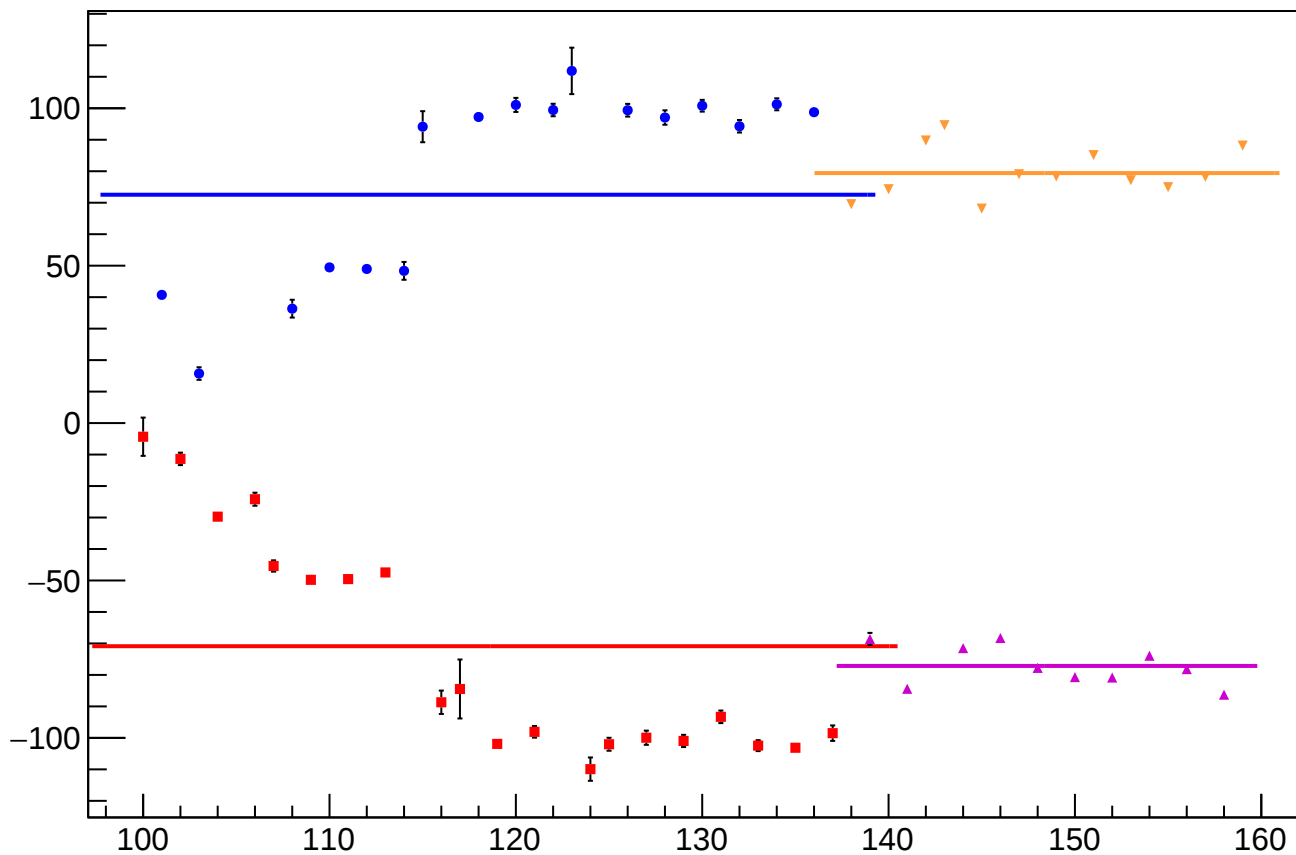
Left In: 47.317±/0.324 χ^2/NDF : 690.8/9

-40.914±/0.286 χ^2/NDF : 2691.5/28

-0.200±/0.204 χ^2/NDF : 46413.5/58

41.445±/0.289 χ^2/NDF : 2784.8/29

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.537 $\pm$ 0.428 χ^2 /NDF: 4684.1/16

Left Out: 79.412 $\pm$ 0.265 χ^2 /NDF: 798.5/11

Right Out: -70.878 $\pm$ 0.433 χ^2 /NDF: 5502.3/19

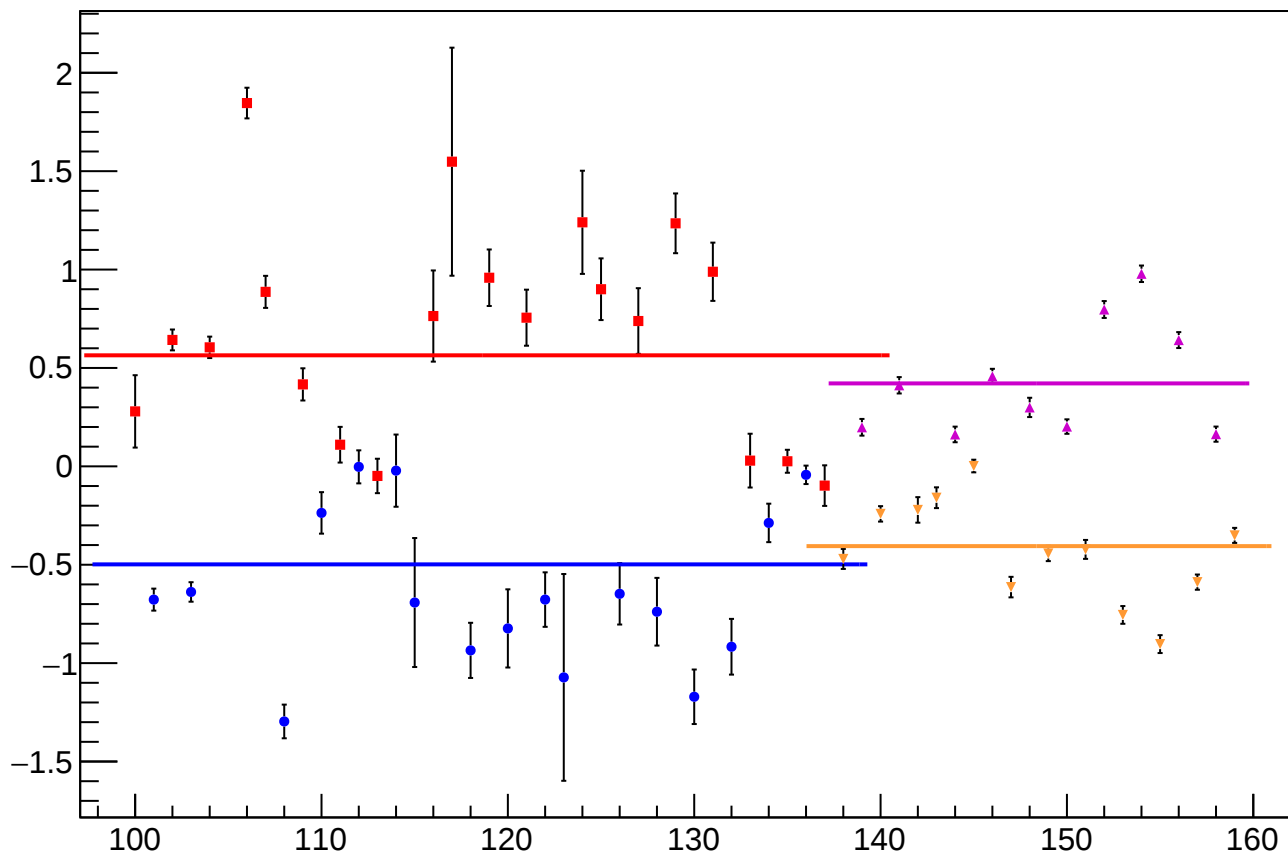
Left In: -77.144 $\pm$ 0.273 χ^2 /NDF: 495.5/9

77.509 $\pm$ 0.225 χ^2 /NDF: 5669.0/28

2.966 $\pm$ 0.161 χ^2 /NDF: 236210.6/58

-75.359 $\pm$ 0.231 χ^2 /NDF: 6147.7/29

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.498 ± 0.022 χ^2/NDF : 302.8/16

Left Out: -0.405 ± 0.013 χ^2/NDF : 430.5/11

Right Out: 0.564 ± 0.021 χ^2/NDF : 563.6/19

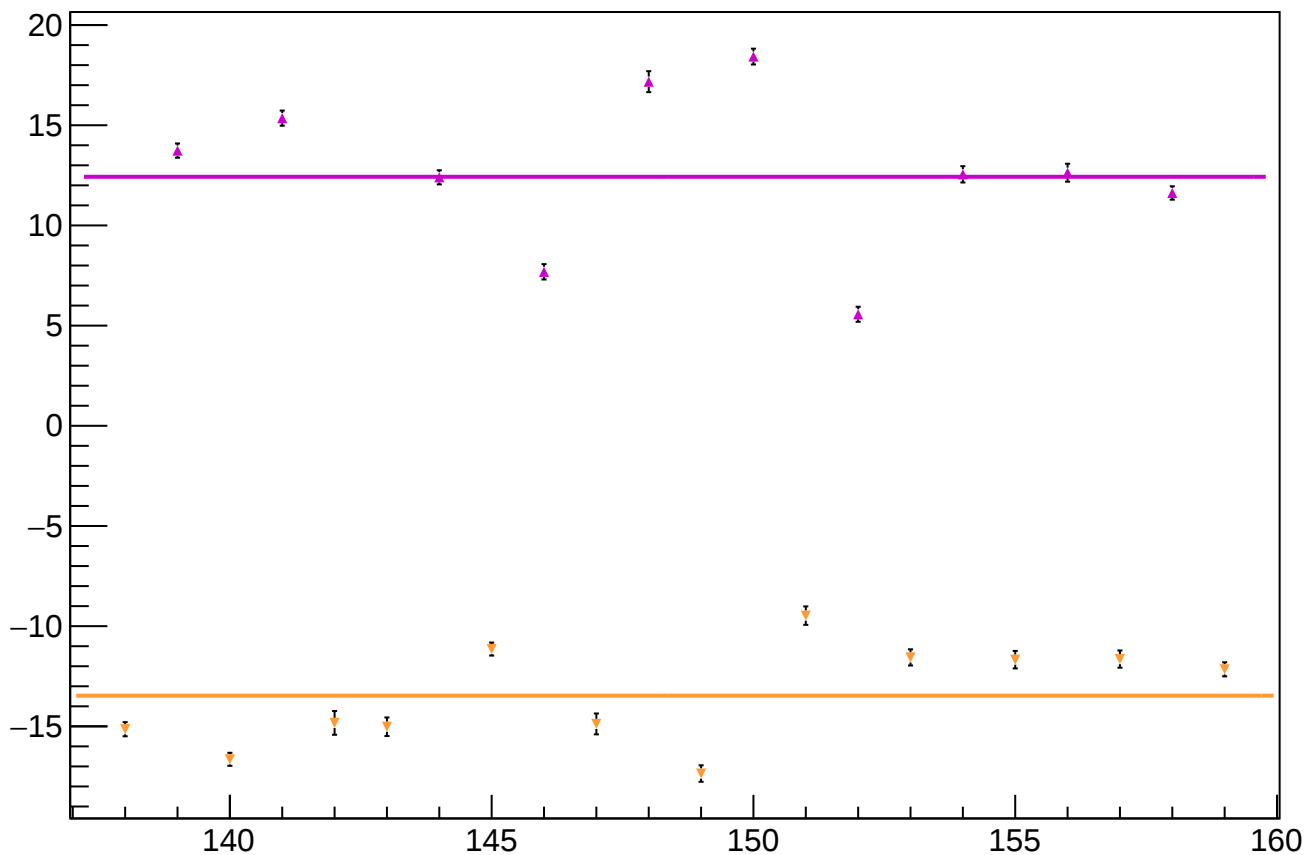
Left In: 0.421 ± 0.013 χ^2/NDF : 441.0/9

-0.428 ± 0.011 χ^2/NDF : 746.4/28

0.010 ± 0.008 χ^2/NDF : 5045.4/58

0.459 ± 0.011 χ^2/NDF : 1037.2/29

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -13.469+/-0.117 χ^2/NDF : 428.5/11

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

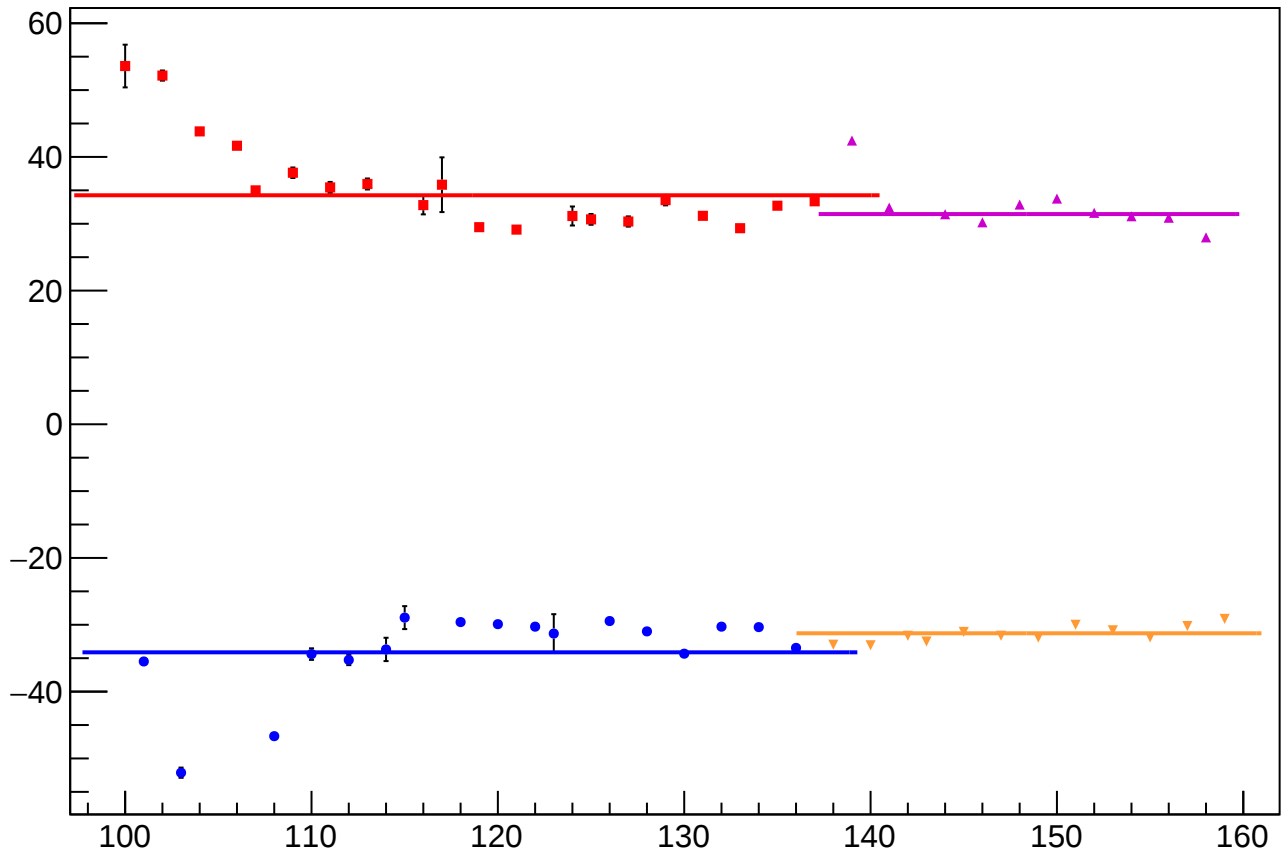
Left In: 12.428+/-0.122 χ^2/NDF : 880.2/9

-13.469+/-0.117 χ^2/NDF : 428.5/11

-1.143+/-0.084 χ^2/NDF : 24801.0/21

12.428+/-0.122 χ^2/NDF : 880.2/9

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.122 ± 0.152 $\chi^2/\text{NDF}: 1322.4/16$

Left Out: -31.273 ± 0.082 $\chi^2/\text{NDF}: 211.6/11$

Right Out: 34.262 ± 0.151 $\chi^2/\text{NDF}: 1355.1/19$

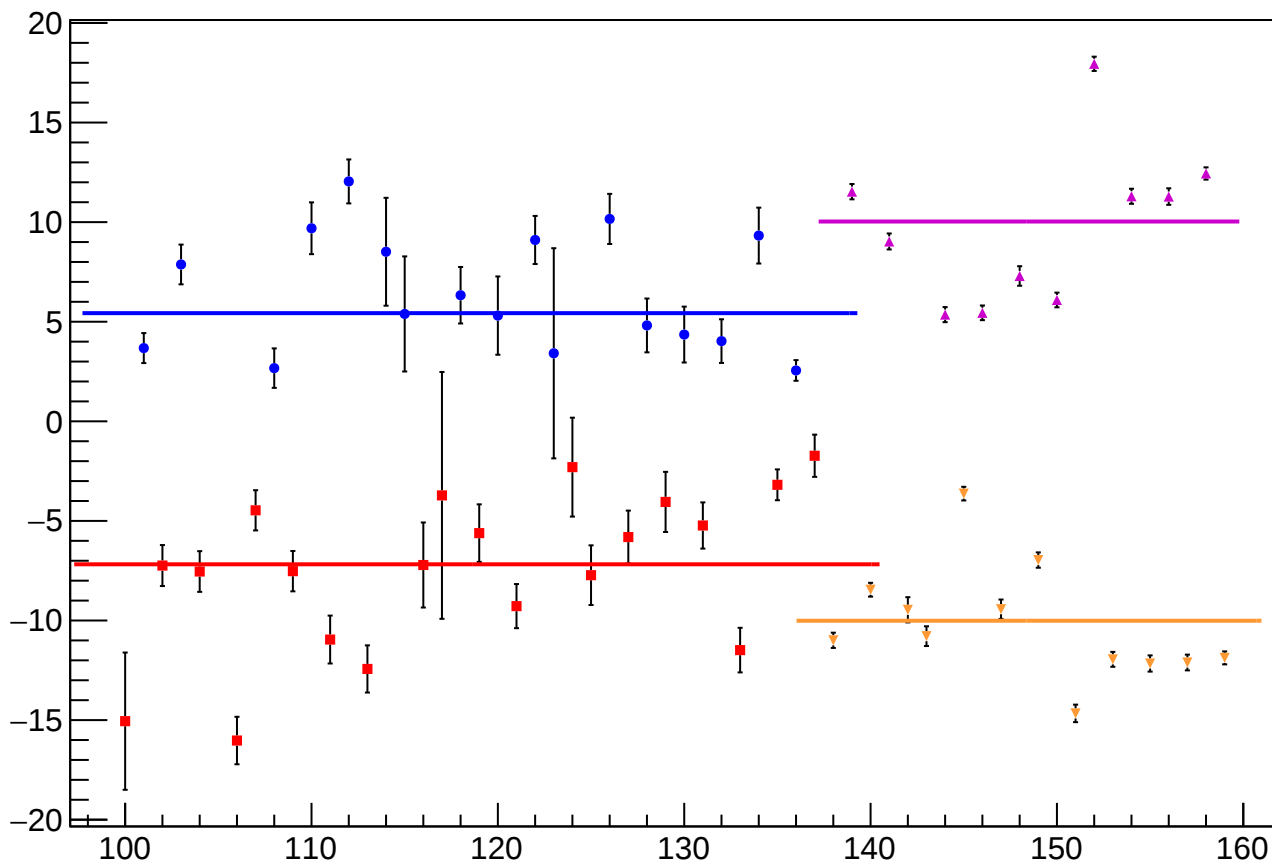
Left In: 31.450 ± 0.087 $\chi^2/\text{NDF}: 672.8/9$

-31.923 ± 0.072 $\chi^2/\text{NDF}: 1805.8/28$

-1.137 ± 0.052 $\chi^2/\text{NDF}: 379595.8/58$

32.153 ± 0.075 $\chi^2/\text{NDF}: 2288.9/29$

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.431 $\pm$ 0.270 χ^2 /NDF: 132.0/16

Left Out: -10.011 $\pm$ 0.115 χ^2 /NDF: 666.8/11

Right Out: -7.178 $\pm$ 0.274 χ^2 /NDF: 182.4/19

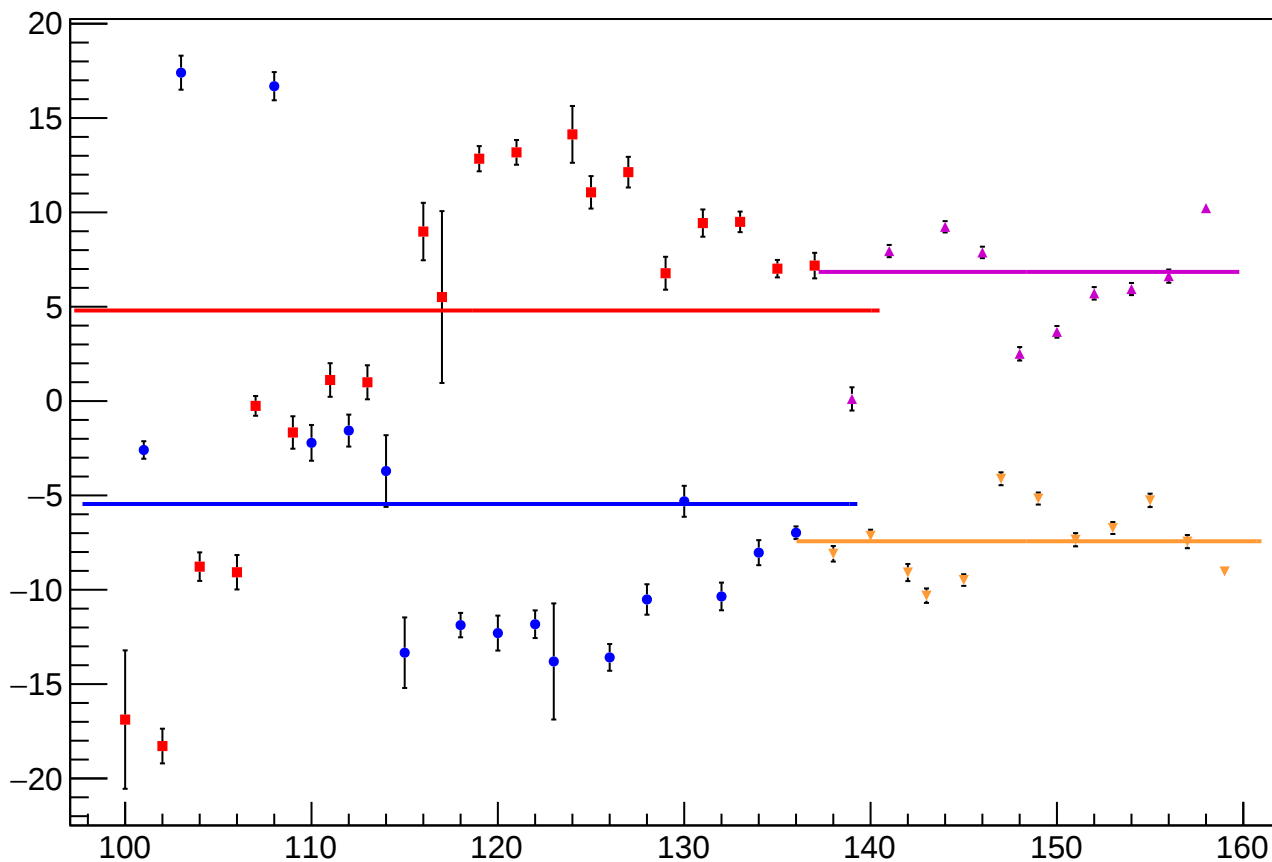
Left In: 10.031 $\pm$ 0.120 χ^2 /NDF: 1041.5/9

-7.636 $\pm$ 0.106 χ^2 /NDF: 3558.8/28

-0.431 $\pm$ 0.076 χ^2 /NDF: 17646.6/58

7.277 $\pm$ 0.110 χ^2 /NDF: 4533.2/29

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.455 ± 0.171 χ^2/NDF : 2096.5/16

Left Out: -7.429 ± 0.097 χ^2/NDF : 343.2/11

Right Out: 4.799 ± 0.173 χ^2/NDF : 2047.5/19

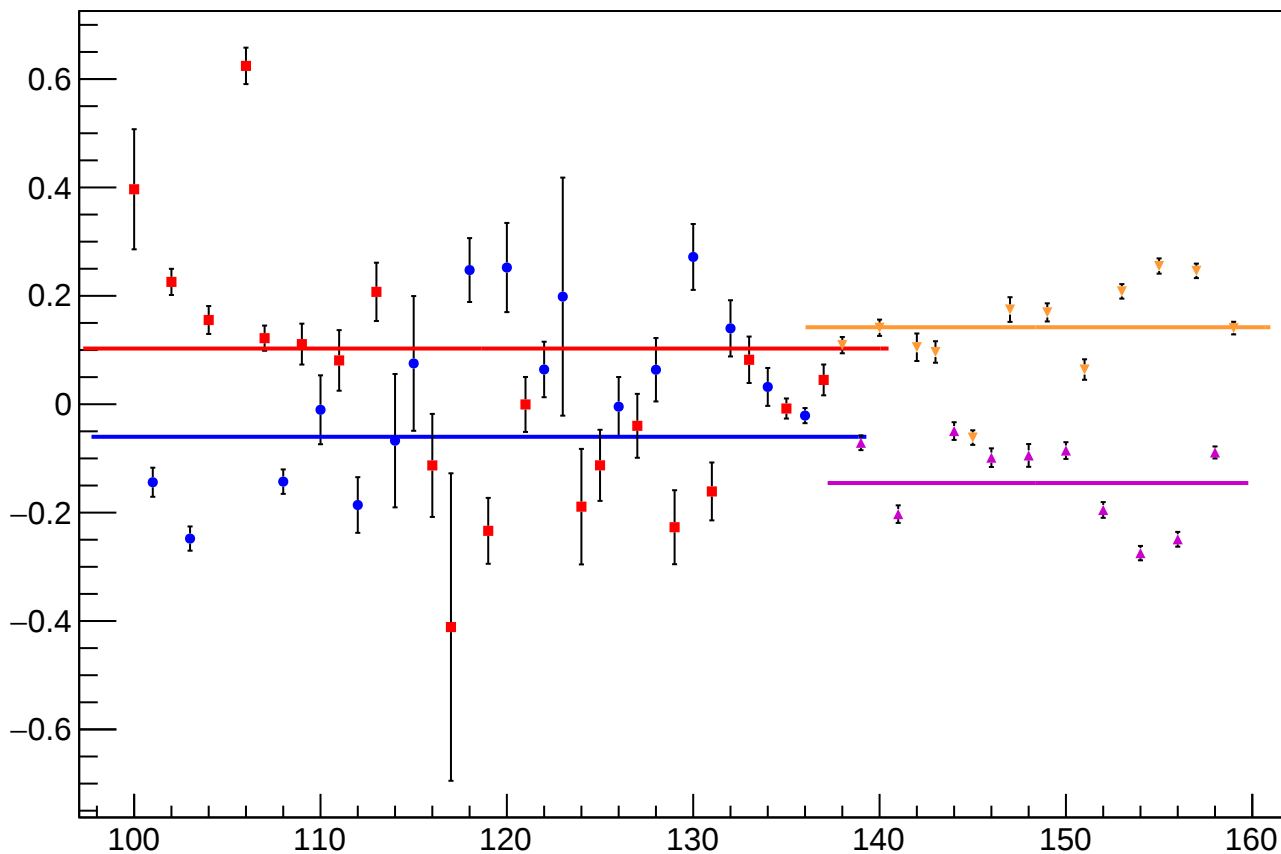
Left In: 6.845 ± 0.102 χ^2/NDF : 672.2/9

-6.946 ± 0.085 χ^2/NDF : 2540.6/28

-0.568 ± 0.061 χ^2/NDF : 17200.2/58

6.316 ± 0.088 χ^2/NDF : 2823.6/29

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.060 ± 0.008 χ^2/NDF : 215.5/16

Left Out: 0.142 ± 0.004 χ^2/NDF : 412.7/11

Right Out: 0.103 ± 0.008 χ^2/NDF : 437.6/19

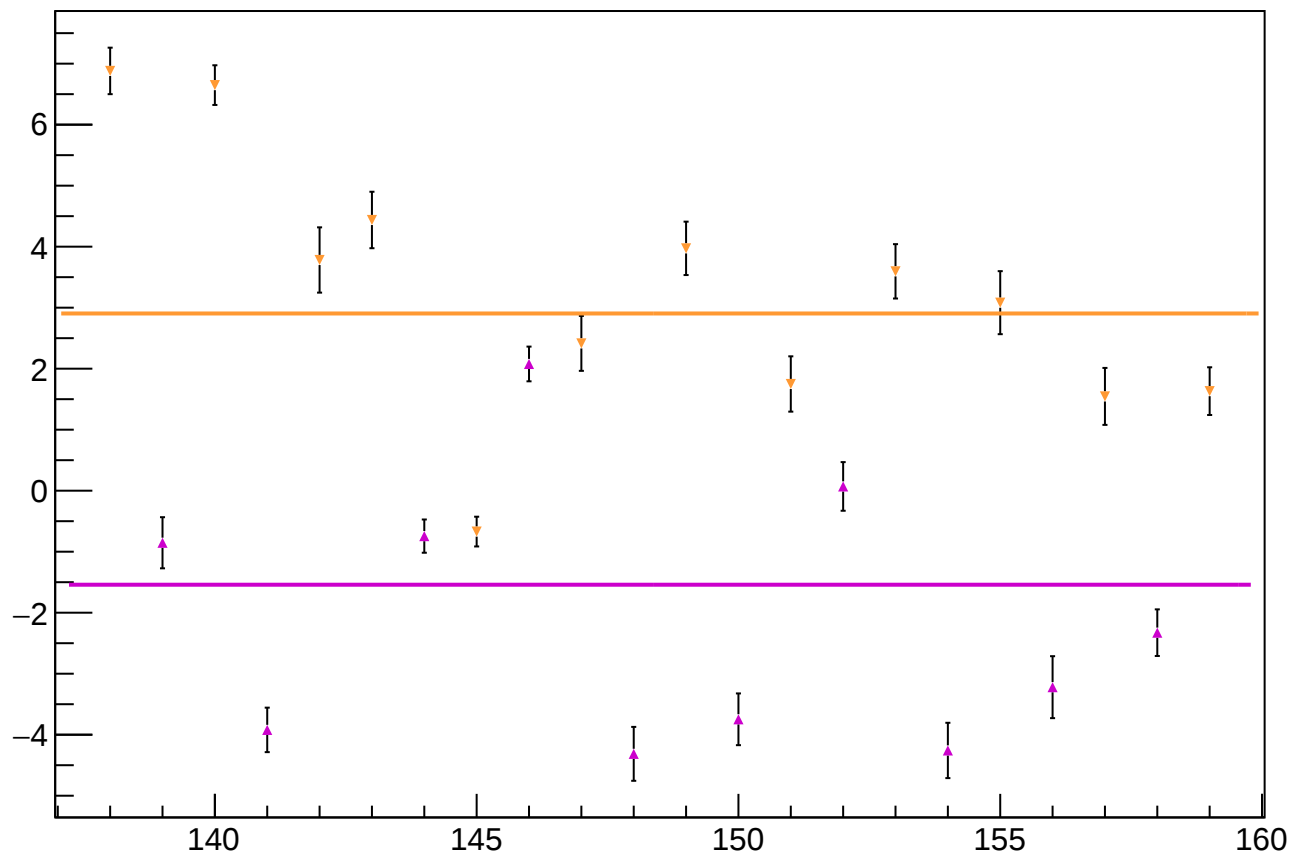
Left In: -0.145 ± 0.005 χ^2/NDF : 295.5/9

0.098 ± 0.004 χ^2/NDF : 1079.9/28

0.008 ± 0.003 χ^2/NDF : 3557.4/58

-0.088 ± 0.004 χ^2/NDF : 1398.3/29

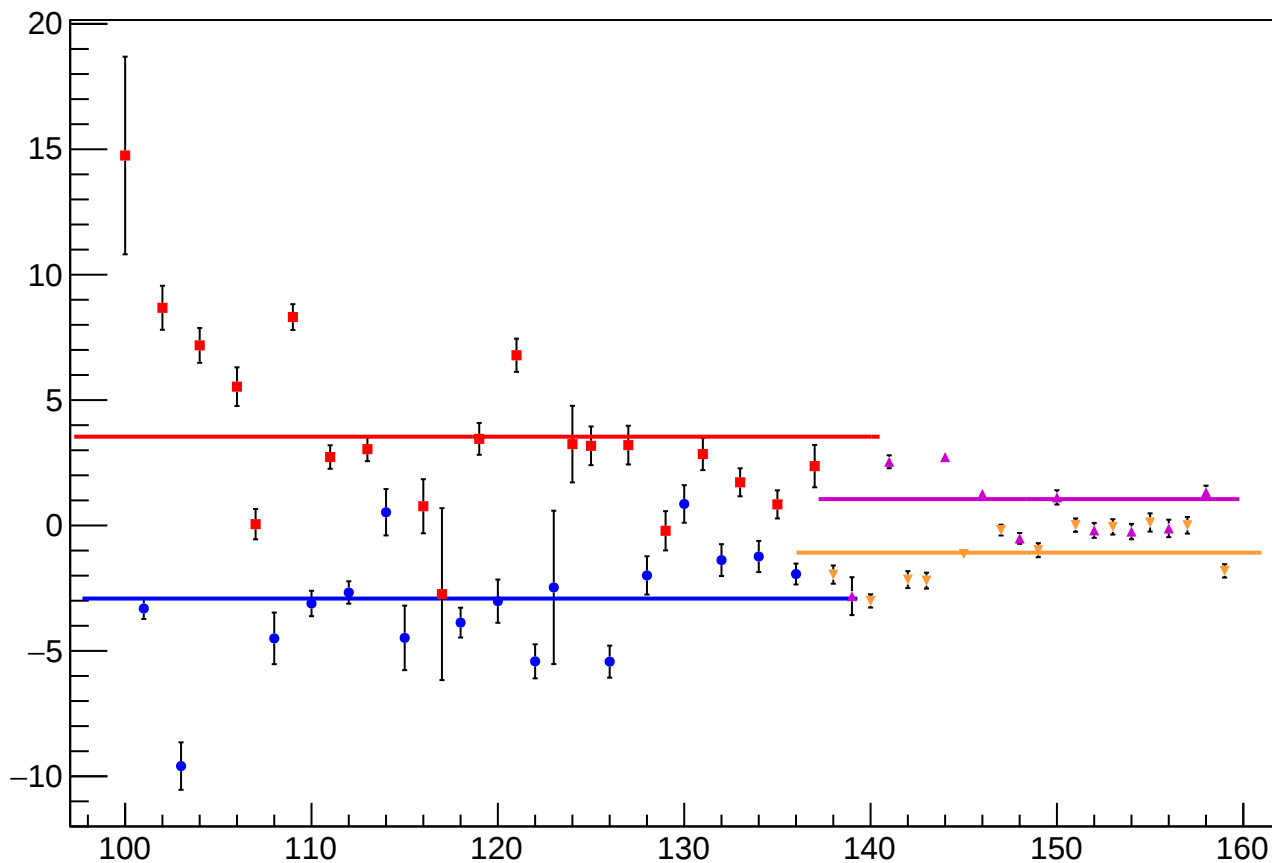
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.905 $\pm$ 0.115 χ^2 /NDF: 505.1/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -1.541 $\pm$ 0.118 χ^2 /NDF: 349.4/9

2.905 $\pm$ 0.115 χ^2 /NDF: 505.1/11
 0.752 $\pm$ 0.082 χ^2 /NDF: 1584.6/21
 -1.541 $\pm$ 0.118 χ^2 /NDF: 349.4/9

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.914 ± 0.155 χ^2/NDF : 146.1/16

Left Out: -1.083 ± 0.080 χ^2/NDF : 156.9/11

Right Out: 3.540 ± 0.154 χ^2/NDF : 294.2/19

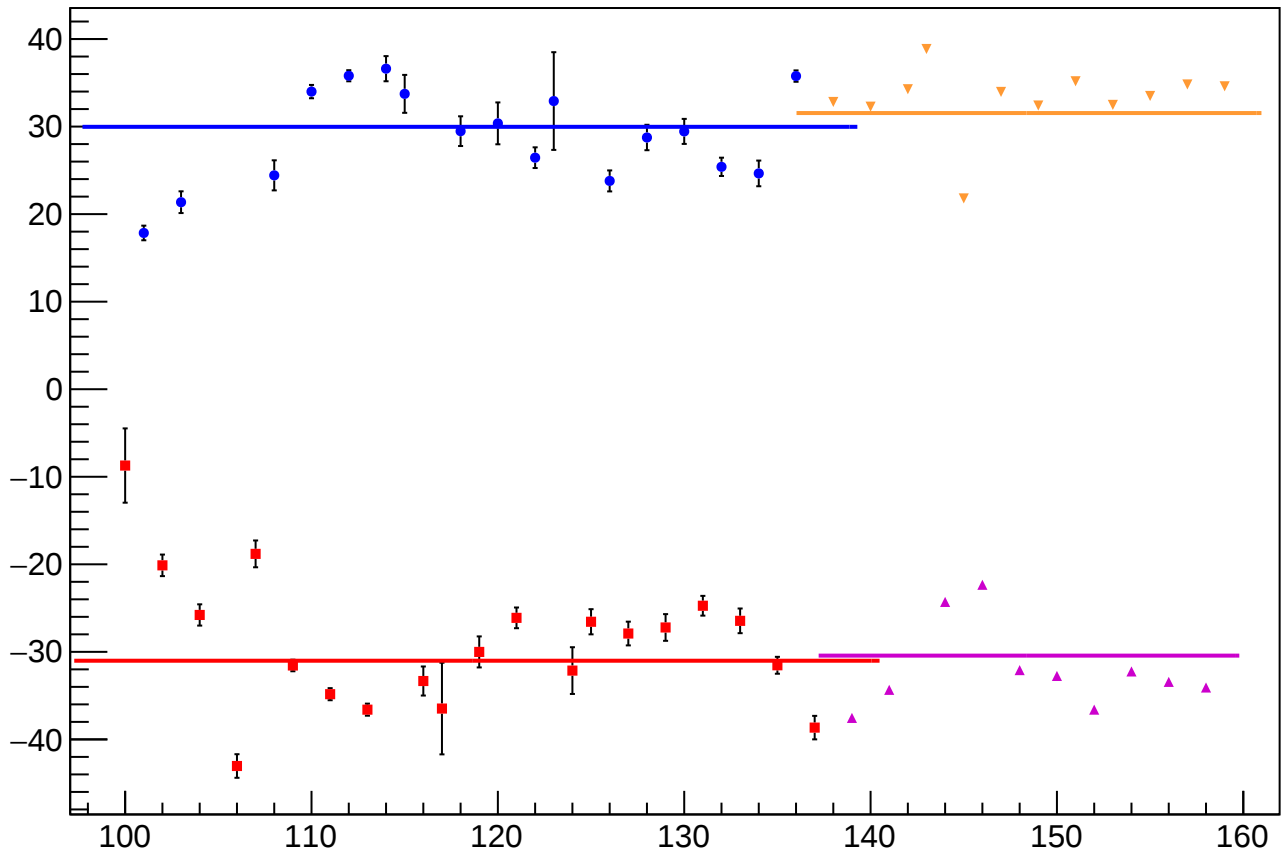
Left In: 1.052 ± 0.080 χ^2/NDF : 235.2/9

-1.468 ± 0.071 χ^2/NDF : 413.5/28

0.049 ± 0.050 χ^2/NDF : 2065.8/58

1.583 ± 0.071 χ^2/NDF : 733.6/29

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.972 ± 0.267 $\chi^2/\text{NDF}: 554.3/16$

Left Out: 31.546 ± 0.114 $\chi^2/\text{NDF}: 1923.3/11$

Right Out: -31.013 ± 0.260 $\chi^2/\text{NDF}: 480.6/19$

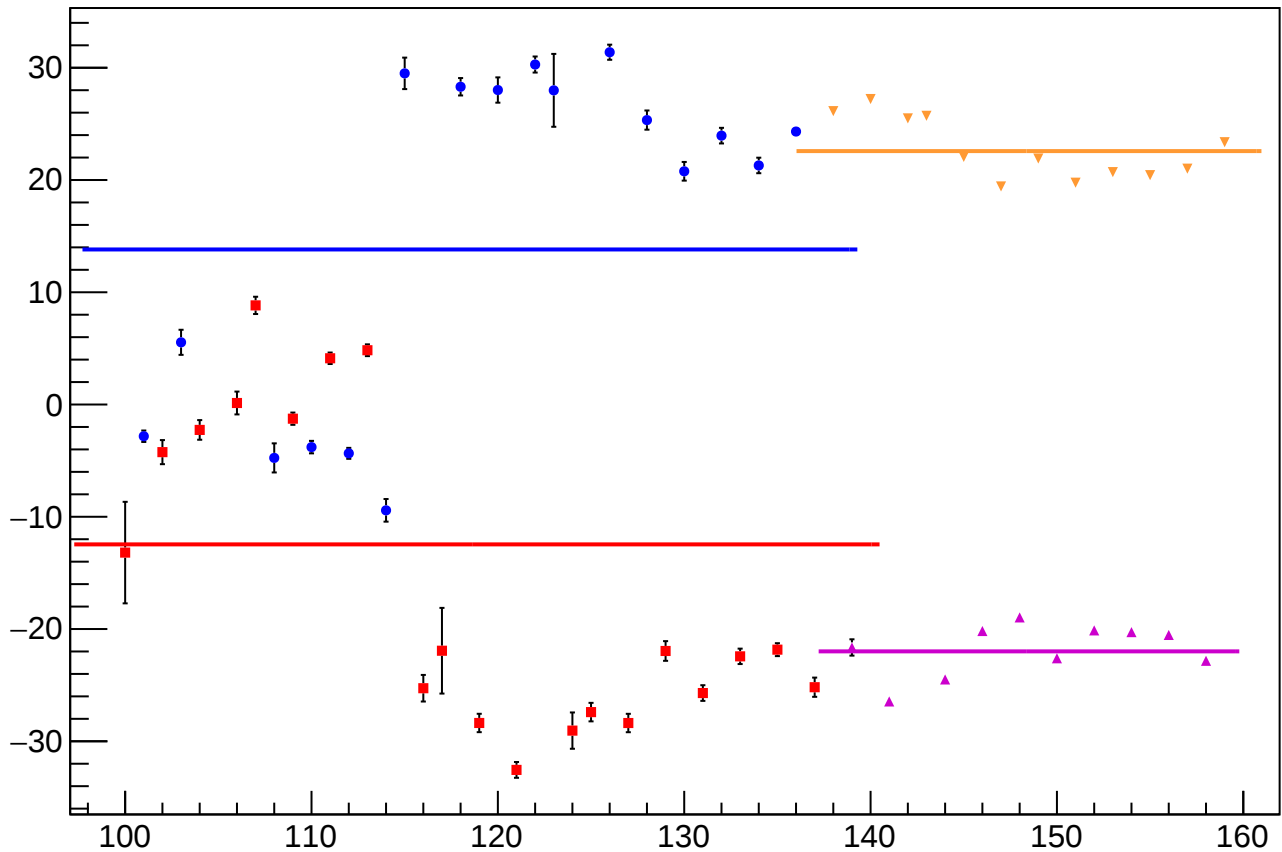
Left In: -30.430 ± 0.116 $\chi^2/\text{NDF}: 2144.5/9$

31.302 ± 0.105 $\chi^2/\text{NDF}: 2506.9/28$

0.660 ± 0.075 $\chi^2/\text{NDF}: 176199.1/58$

-30.527 ± 0.106 $\chi^2/\text{NDF}: 2629.3/29$

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.813 ± 0.173 χ^2/NDF : 7318.6/16

Left Out: 22.576 ± 0.095 χ^2/NDF : 671.0/11

Right Out: -12.460 ± 0.174 χ^2/NDF : 6976.5/19

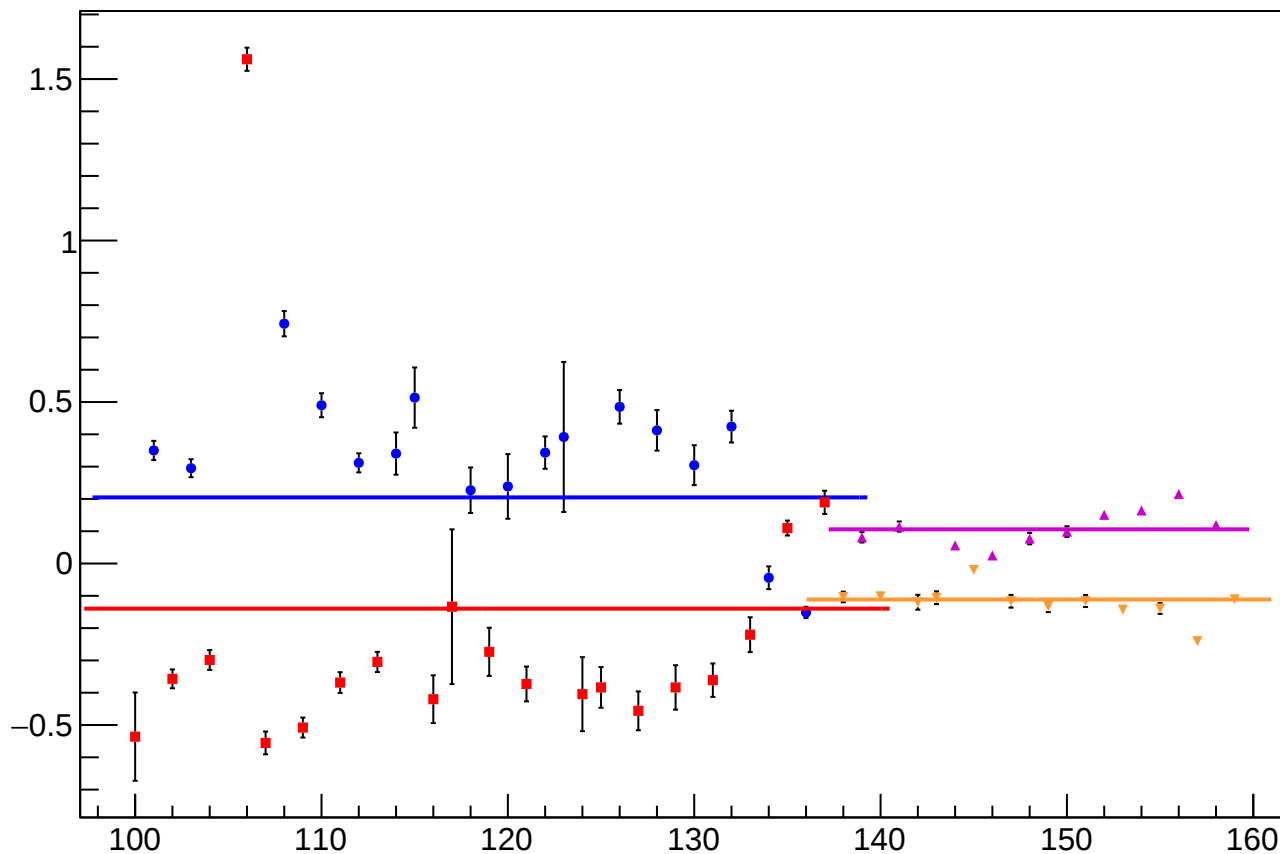
Left In: -21.991 ± 0.097 χ^2/NDF : 568.7/9

20.528 ± 0.083 χ^2/NDF : 9963.2/28

0.626 ± 0.059 χ^2/NDF : 134834.1/58

-19.735 ± 0.084 χ^2/NDF : 9847.5/29

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.009 χ^2 /NDF: 845.8/16

Left Out: -0.111 $\pm$ 0.004 χ^2 /NDF: 170.4/11

Right Out: -0.140 $\pm$ 0.009 χ^2 /NDF: 3014.2/19

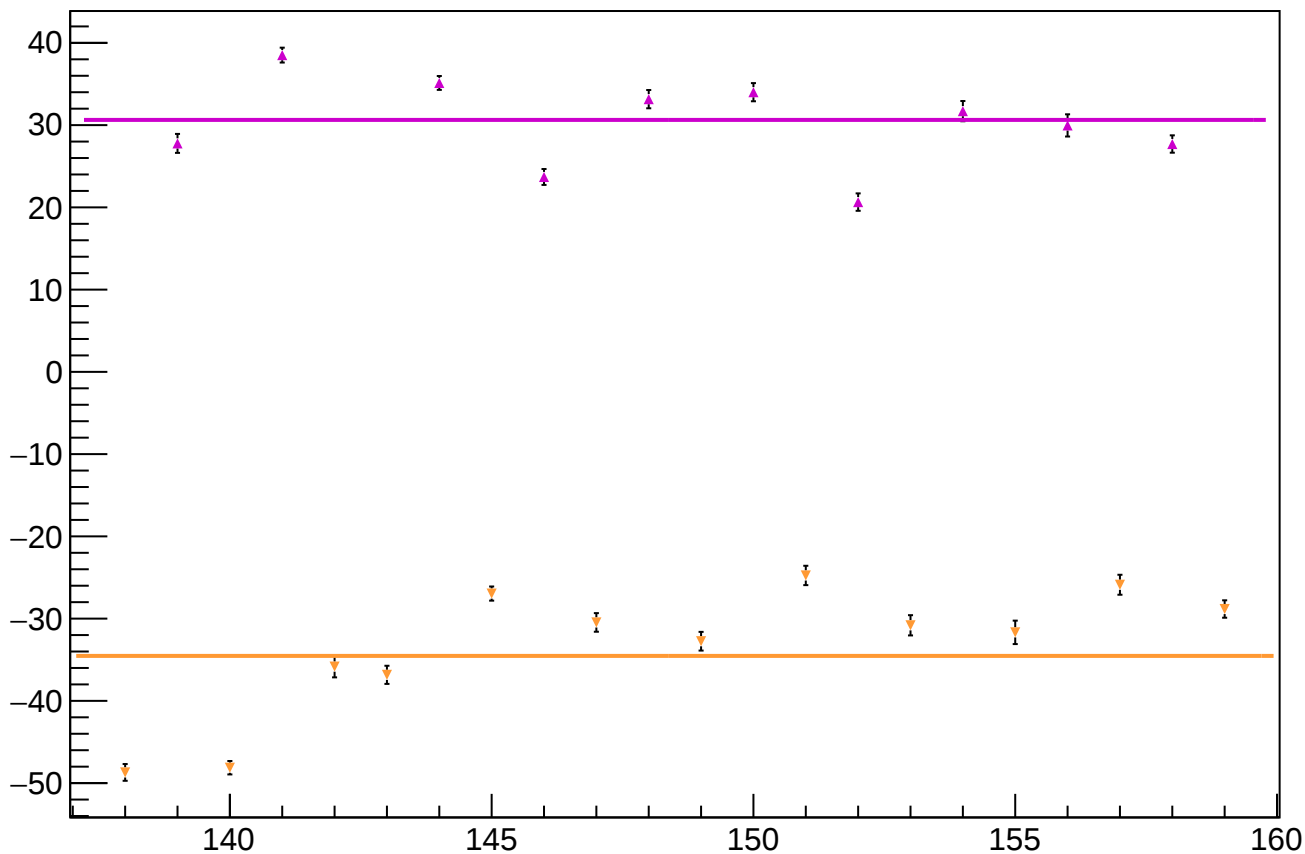
Left In: 0.106 $\pm$ 0.005 χ^2 /NDF: 136.7/9

-0.052 $\pm$ 0.004 χ^2 /NDF: 1940.7/28

0.001 $\pm$ 0.003 χ^2 /NDF: 6009.3/58

0.056 $\pm$ 0.004 χ^2 /NDF: 3718.2/29

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -34.533+/-0.313 χ^2/NDF : 730.8/11

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

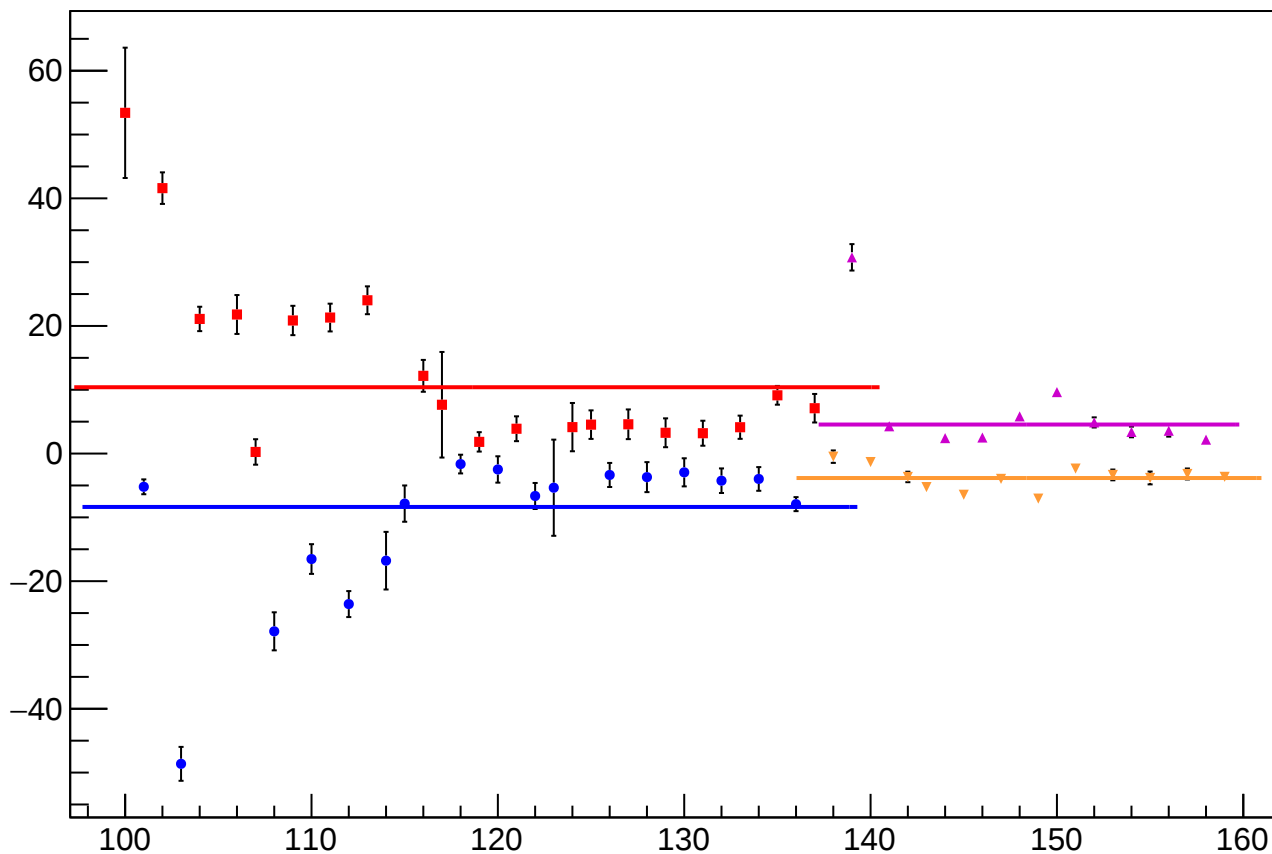
Left In: 30.634+/-0.332 χ^2/NDF : 274.1/9

-34.533+/-0.313 χ^2/NDF : 730.8/11

-3.876+/-0.228 χ^2/NDF : 21421.8/21

30.634+/-0.332 χ^2/NDF : 274.1/9

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.367 ± 0.466 χ^2/NDF : 408.8/16

Left Out: -3.834 ± 0.214 χ^2/NDF : 69.2/11

Right Out: 10.396 ± 0.490 χ^2/NDF : 430.4/19

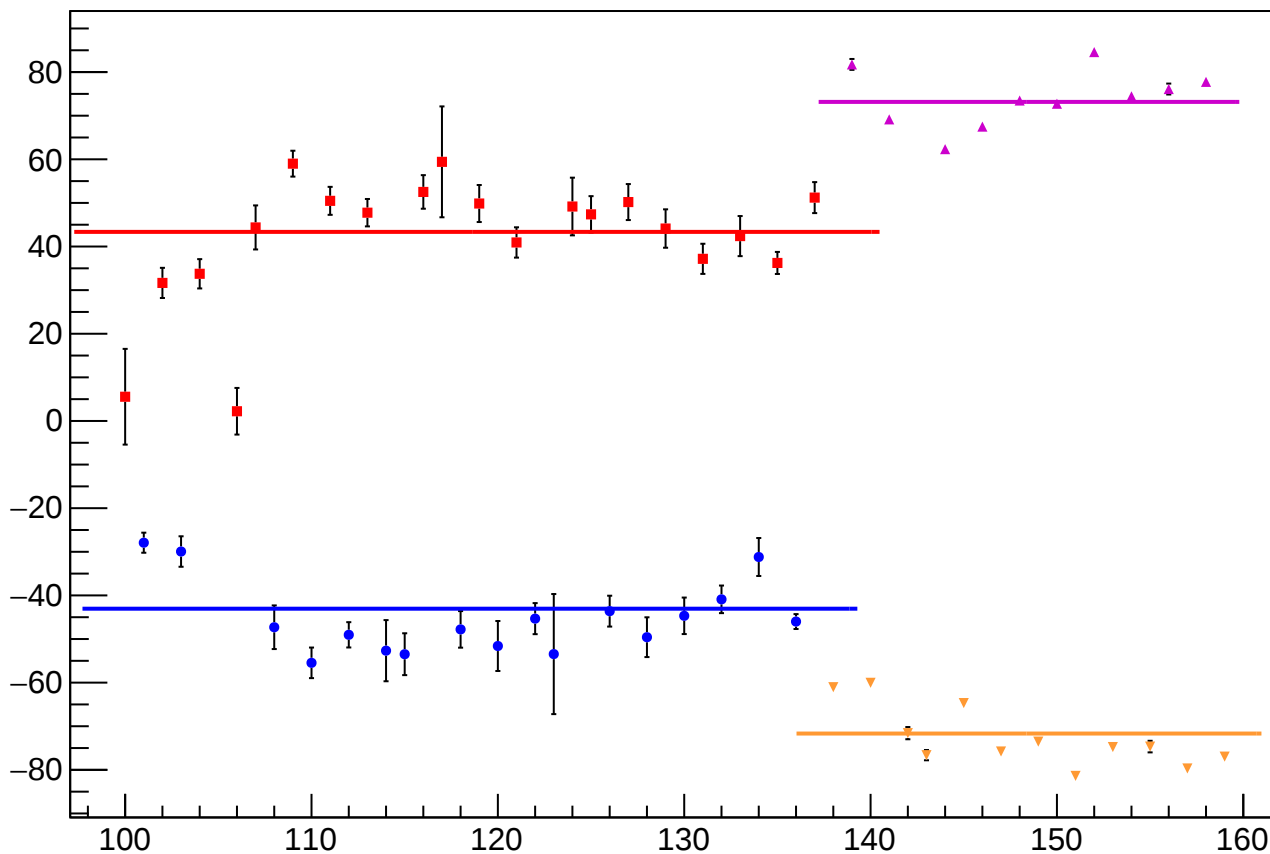
Left In: 4.550 ± 0.224 χ^2/NDF : 252.0/9

-4.626 ± 0.195 χ^2/NDF : 556.0/28

0.234 ± 0.141 χ^2/NDF : 2661.0/58

5.562 ± 0.204 χ^2/NDF : 800.1/29

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.047 ± 0.837 $\chi^2/\text{NDF}: 99.0/16$

Left Out: -71.675 ± 0.311 $\chi^2/\text{NDF}: 533.0/11$

Right Out: 43.357 ± 0.865 $\chi^2/\text{NDF}: 156.0/19$

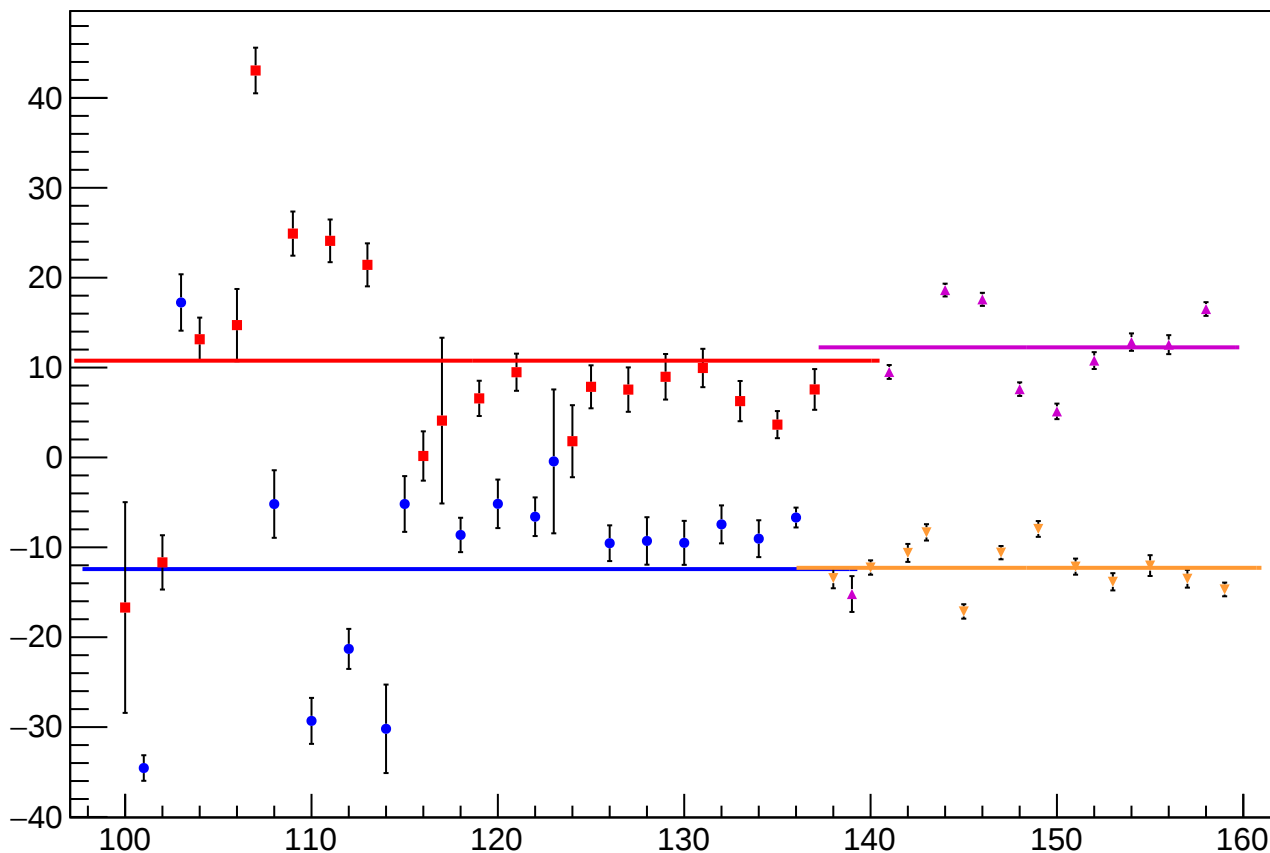
Left In: 73.163 ± 0.326 $\chi^2/\text{NDF}: 402.6/9$

-68.196 ± 0.292 $\chi^2/\text{NDF}: 1659.1/28$

-2.404 ± 0.211 $\chi^2/\text{NDF}: 109539.0/58$

69.457 ± 0.305 $\chi^2/\text{NDF}: 1597.9/29$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.421 ± 0.523 $\chi^2/\text{NDF}: 474.4/16$

Left Out: -12.280 ± 0.258 $\chi^2/\text{NDF}: 102.8/11$

Right Out: 10.766 ± 0.553 $\chi^2/\text{NDF}: 366.3/19$

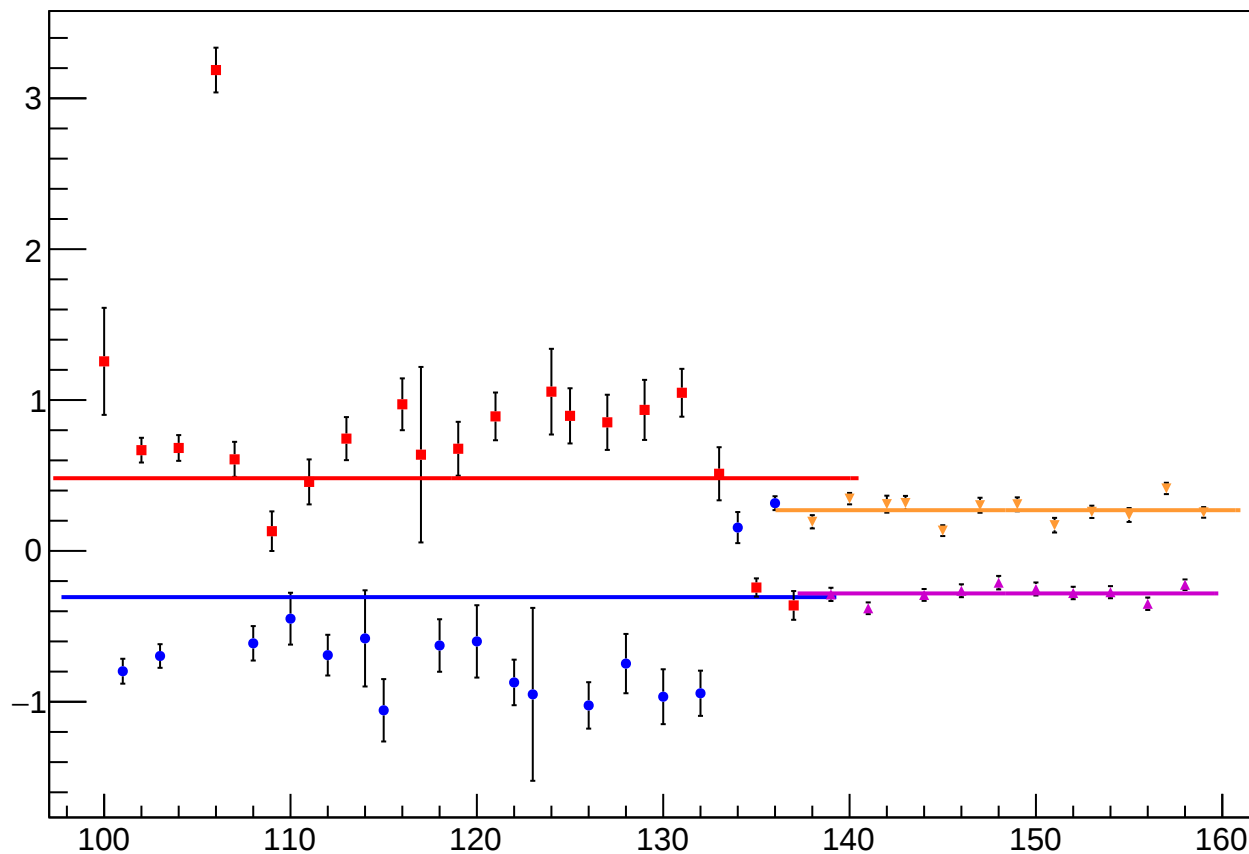
Left In: 12.250 ± 0.270 $\chi^2/\text{NDF}: 476.2/9$

-12.307 ± 0.231 $\chi^2/\text{NDF}: 577.2/28$

-0.764 ± 0.167 $\chi^2/\text{NDF}: 6667.2/58$

11.964 ± 0.243 $\chi^2/\text{NDF}: 848.4/29$

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.306 ± 0.028 χ^2/NDF : 371.7/16

Left Out: 0.270 ± 0.012 χ^2/NDF : 43.6/11

Right Out: 0.482 ± 0.029 χ^2/NDF : 628.3/19

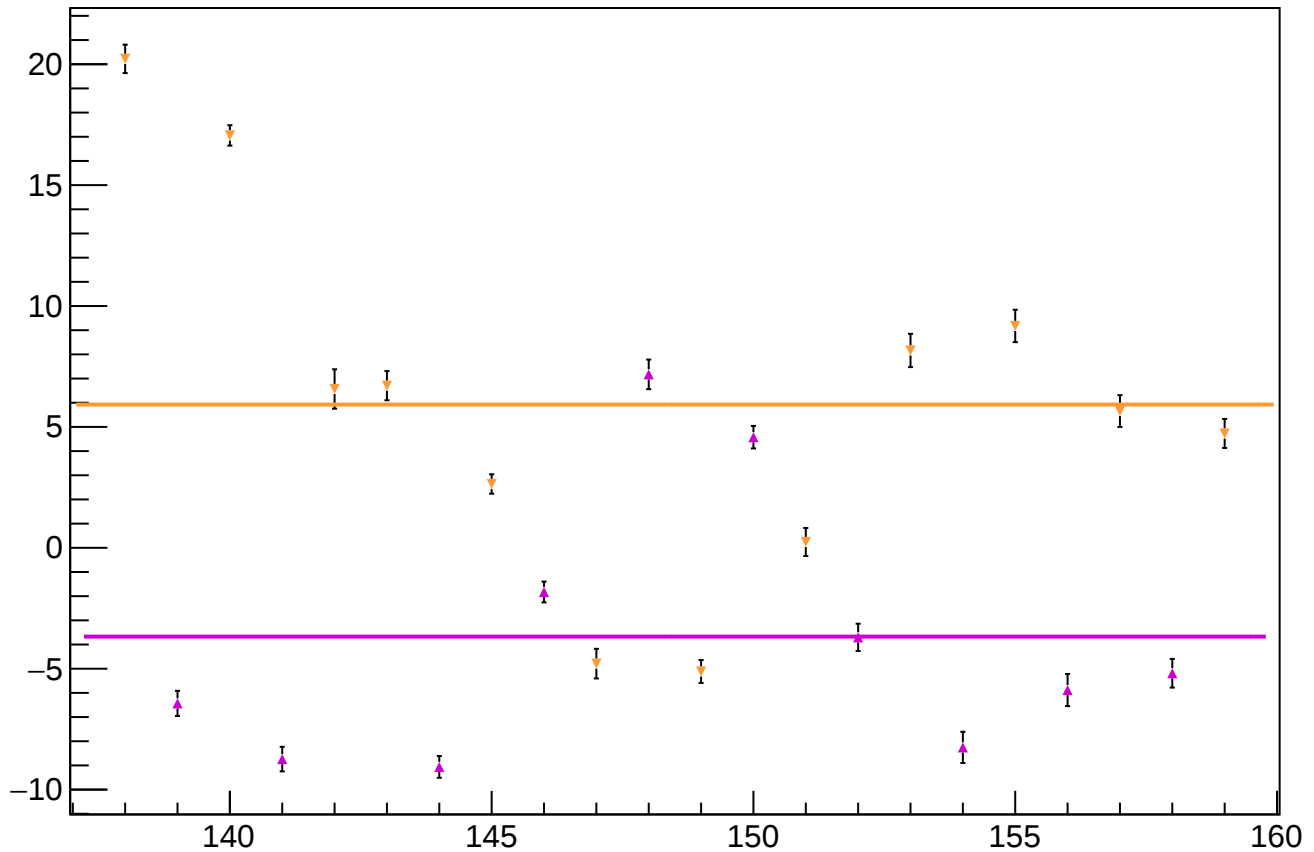
Left In: -0.282 ± 0.013 χ^2/NDF : 15.2/9

0.174 ± 0.011 χ^2/NDF : 779.8/28

0.018 ± 0.008 χ^2/NDF : 2422.6/58

-0.153 ± 0.012 χ^2/NDF : 1237.4/29

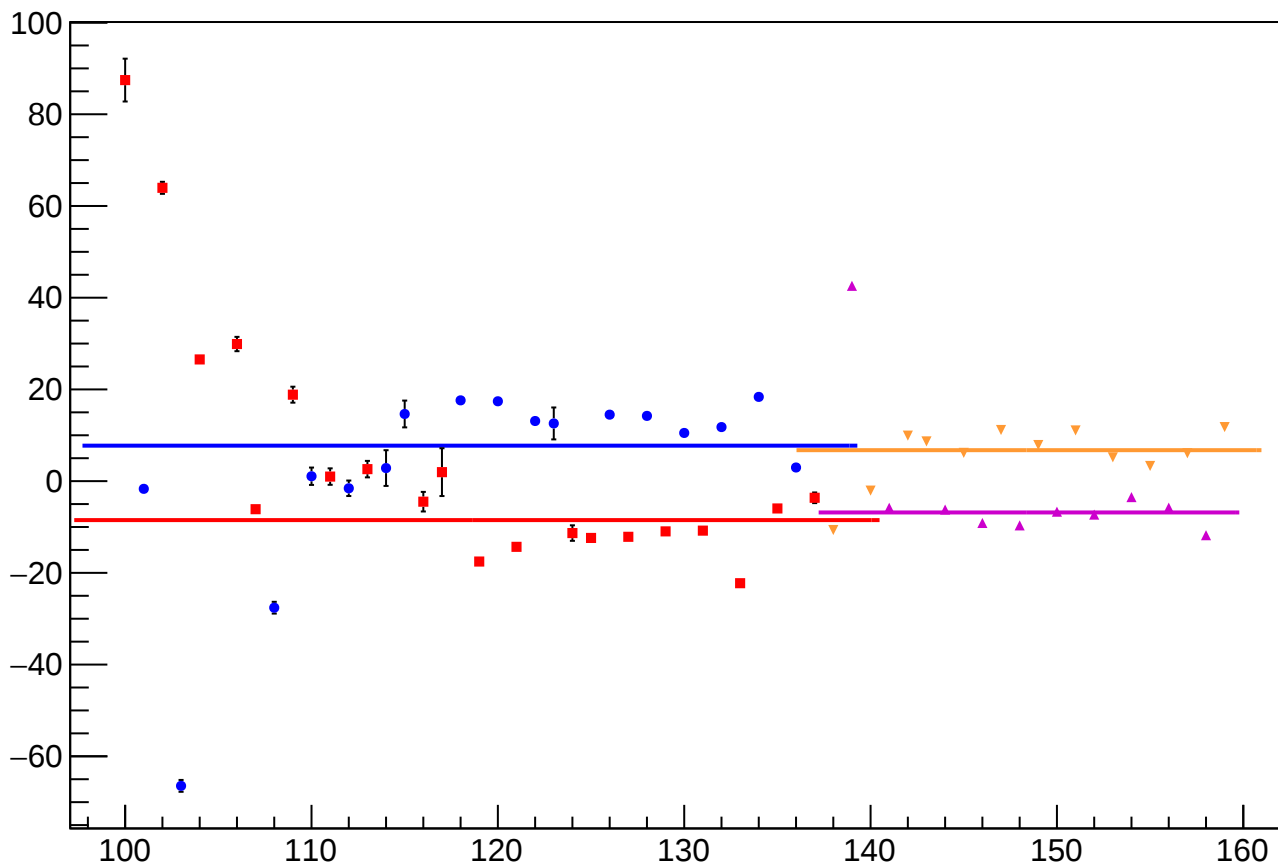
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.924 $\pm$ 0.161 χ^2 /NDF: 2340.0/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -3.672 $\pm$ 0.167 χ^2 /NDF: 984.8/9

5.924 $\pm$ 0.161 χ^2 /NDF: 2340.0/11
 1.297 $\pm$ 0.116 χ^2 /NDF: 5033.7/21
 -3.672 $\pm$ 0.167 χ^2 /NDF: 984.8/9

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.737 ± 0.218 $\chi^2/\text{NDF}: 5300.6/16$

Left Out: 6.751 ± 0.112 $\chi^2/\text{NDF}: 2158.5/11$

Right Out: -8.496 ± 0.213 $\chi^2/\text{NDF}: 6723.5/19$

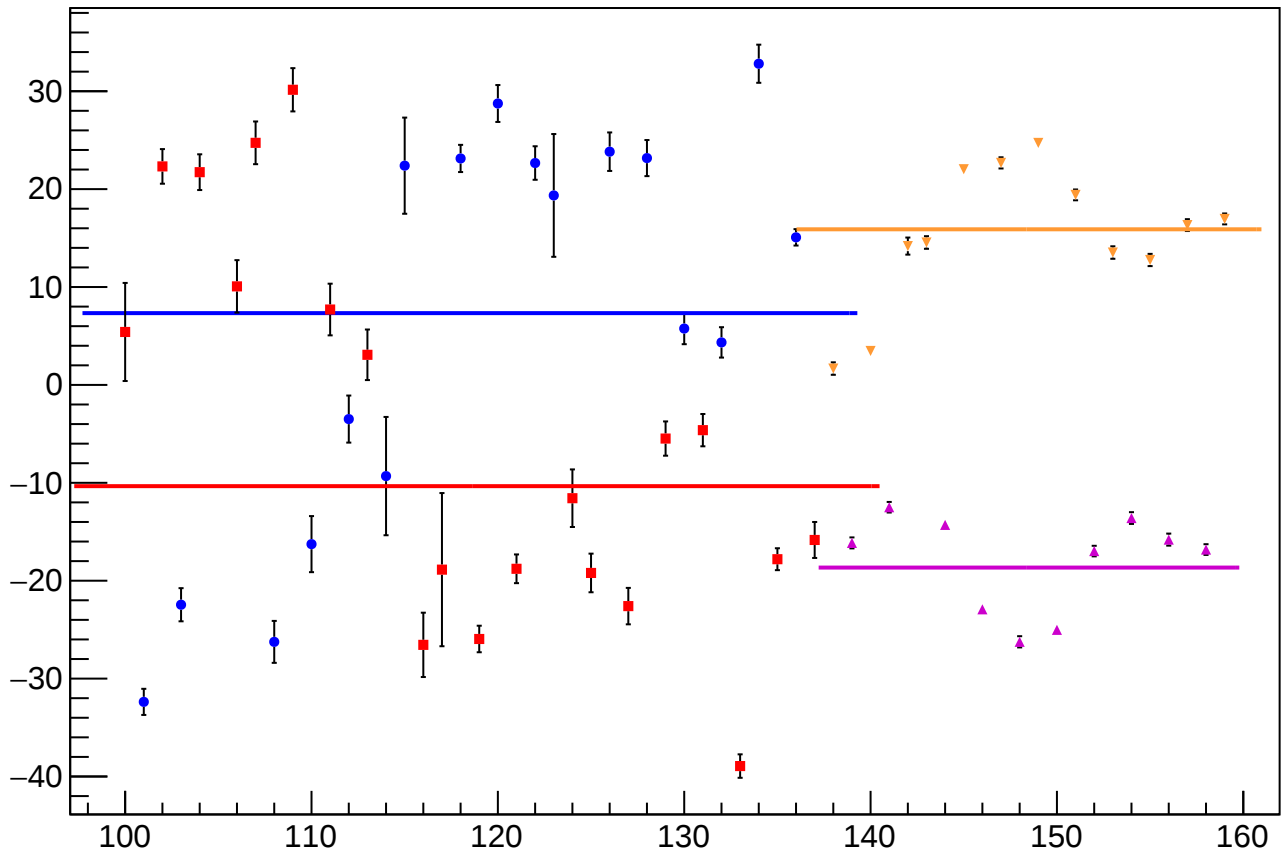
Left In: -6.830 ± 0.116 $\chi^2/\text{NDF}: 3115.9/9$

6.957 ± 0.100 $\chi^2/\text{NDF}: 7475.3/28$

0.053 ± 0.071 $\chi^2/\text{NDF}: 27224.6/58$

-7.213 ± 0.102 $\chi^2/\text{NDF}: 9886.5/29$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.333 ± 0.419 χ^2/NDF : 2293.1/16

Left Out: 15.895 ± 0.160 χ^2/NDF : 2100.0/11

Right Out: -10.342 ± 0.416 χ^2/NDF : 2282.7/19

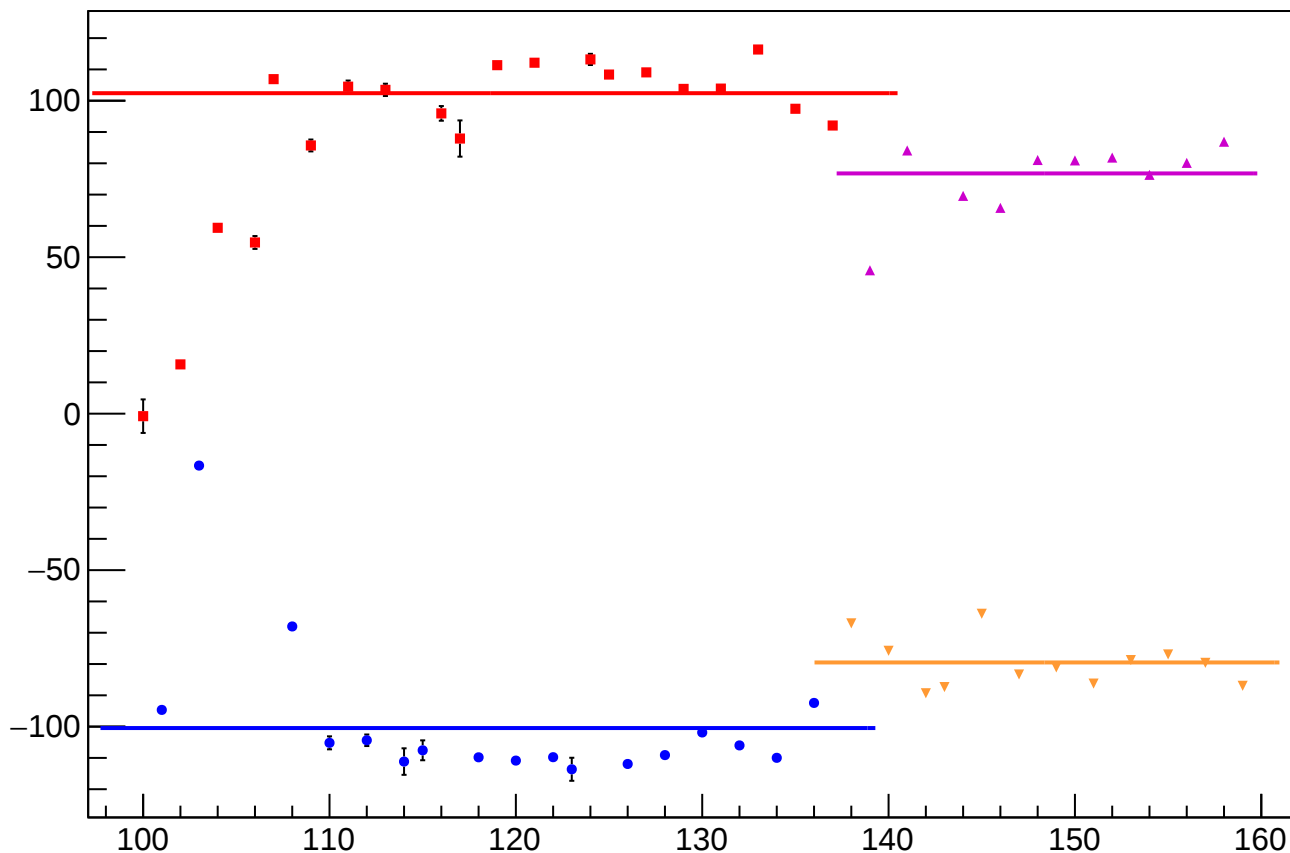
Left In: -18.658 ± 0.164 χ^2/NDF : 839.3/9

14.804 ± 0.149 χ^2/NDF : 4758.2/28

-1.041 ± 0.107 χ^2/NDF : 31168.3/58

-17.542 ± 0.153 χ^2/NDF : 3467.6/29

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.457 ± 0.251 χ^2/NDF : 4461.1/16

Left Out: -79.496 ± 0.134 χ^2/NDF : 3262.3/11

Right Out: 102.405 ± 0.246 χ^2/NDF : 6100.6/19

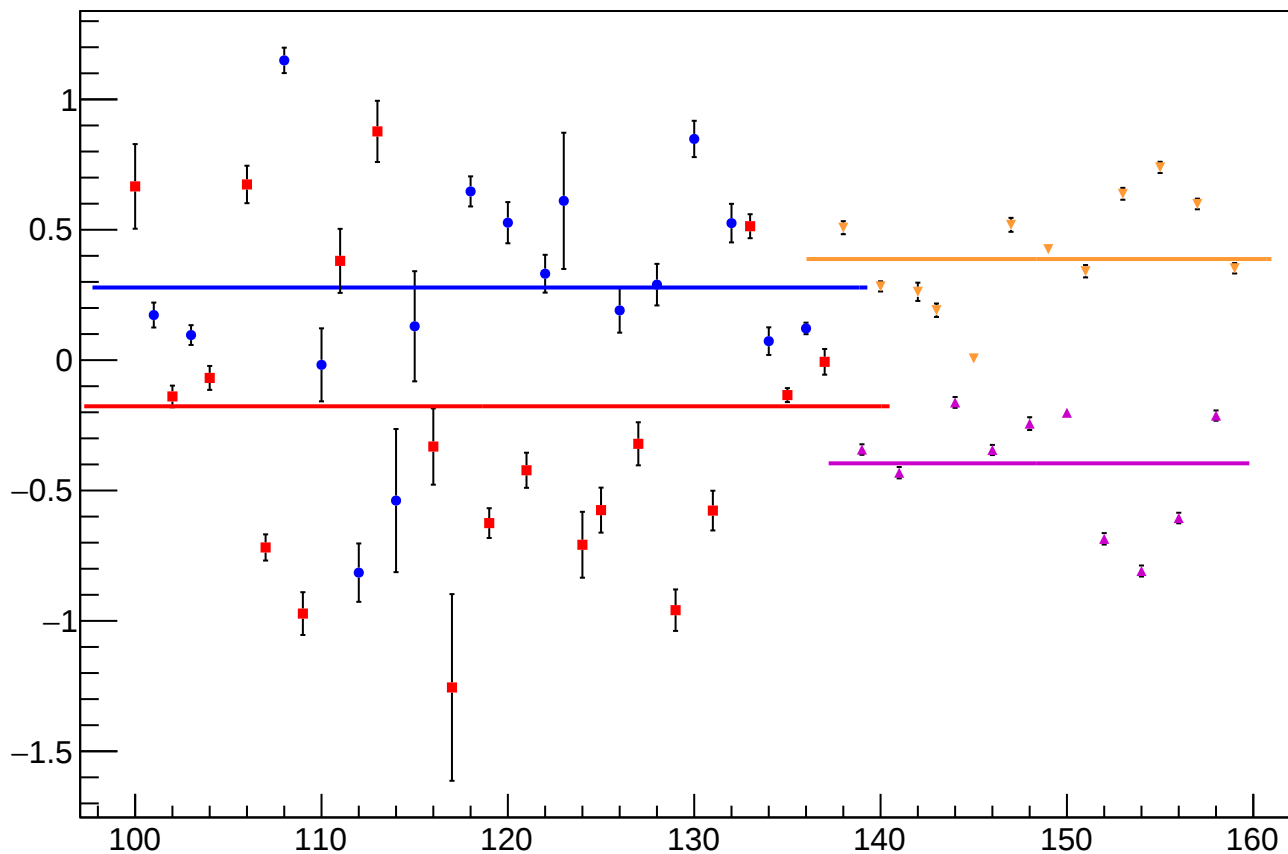
Left In: 76.766 ± 0.139 χ^2/NDF : 3756.5/9

-84.154 ± 0.118 χ^2/NDF : 13158.5/28

-2.481 ± 0.085 χ^2/NDF : 1008205.0/58

82.956 ± 0.121 χ^2/NDF : 18094.3/29

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.279 ± 0.014 χ^2/NDF : 653.9/16

Left Out: 0.388 ± 0.006 χ^2/NDF : 1173.9/11

Right Out: -0.177 ± 0.013 χ^2/NDF : 976.8/19

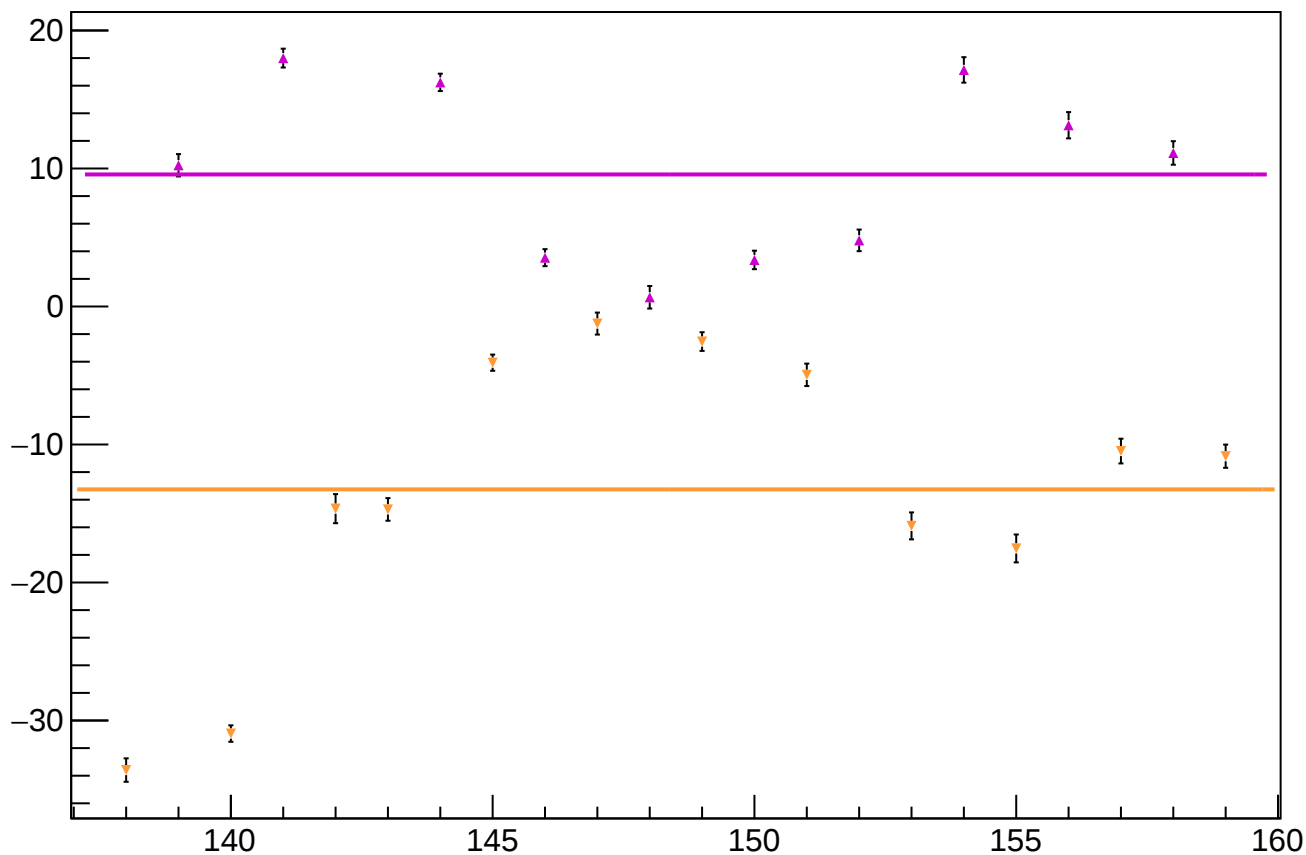
Left In: -0.396 ± 0.007 χ^2/NDF : 1048.8/9

0.368 ± 0.006 χ^2/NDF : 1881.4/28

0.015 ± 0.004 χ^2/NDF : 11890.3/58

-0.354 ± 0.006 χ^2/NDF : 2239.5/29

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -13.252+/-0.227 χ^2/NDF : 2329.4/11

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

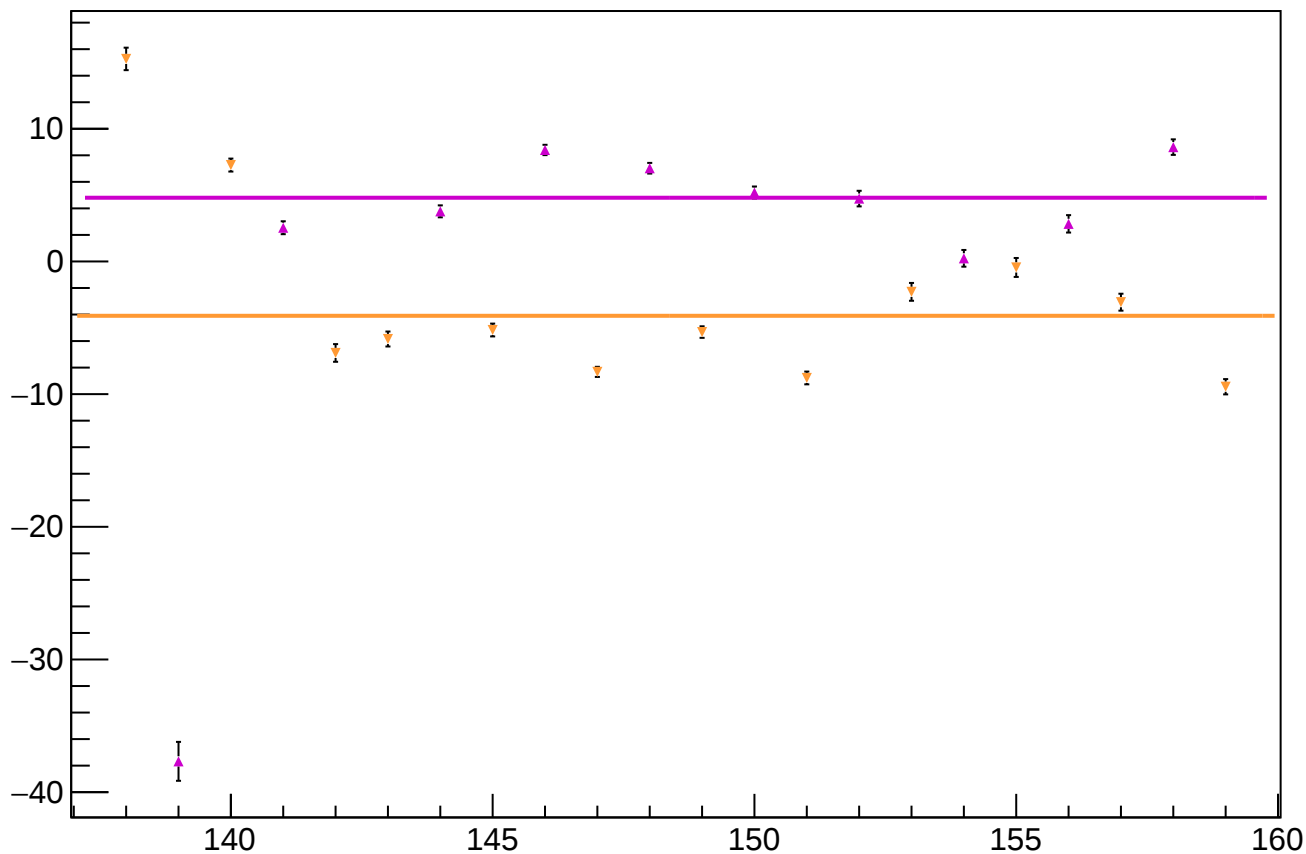
Left In: 9.568+/-0.237 χ^2/NDF : 687.2/9

-13.252+/-0.227 χ^2/NDF : 2329.4/11

-2.338+/-0.164 χ^2/NDF : 7862.6/21

9.568+/-0.237 χ^2/NDF : 687.2/9

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: -4.095+/-0.155 χ^2/NDF : 1442.1/11

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

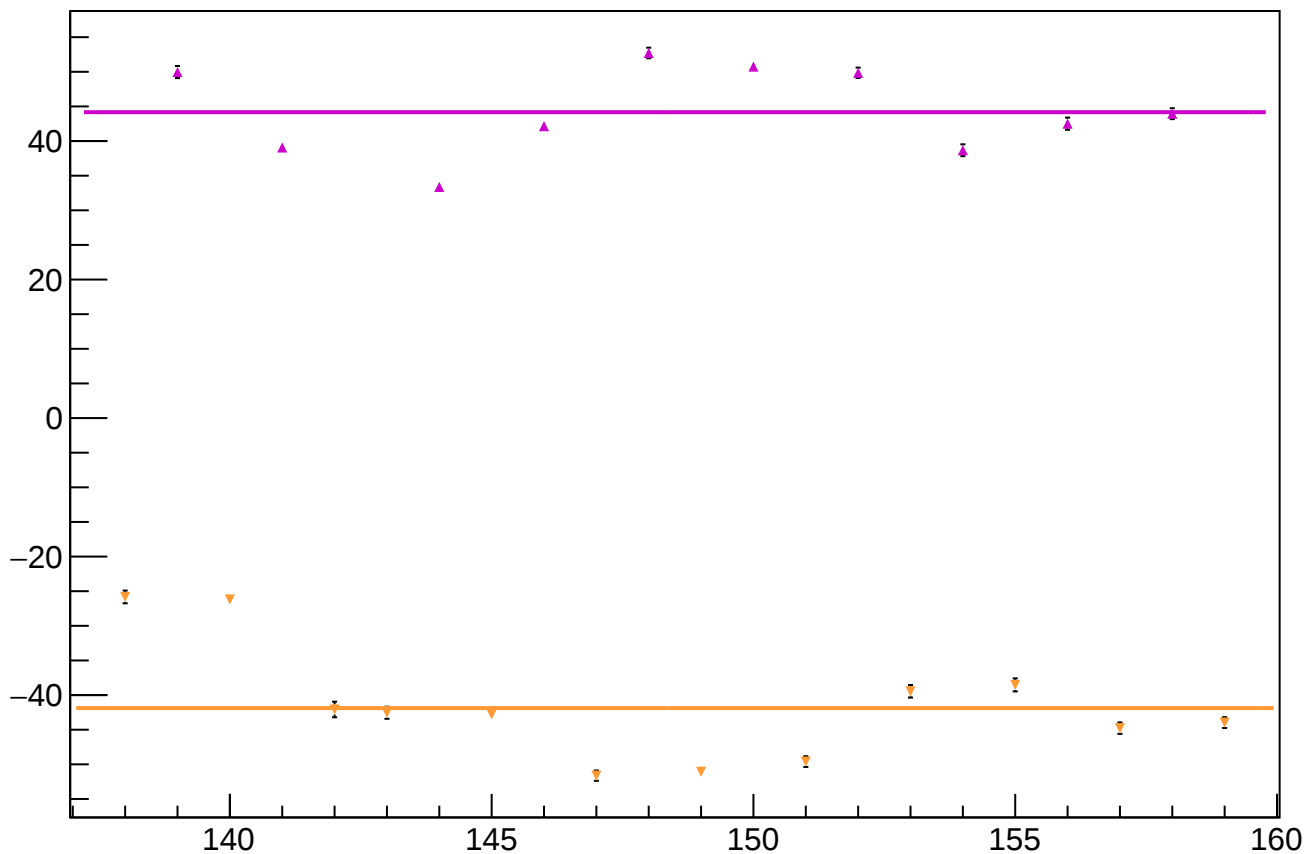
Left In: 4.803+/-0.162 χ^2/NDF : 1086.5/9

-4.095+/-0.155 χ^2/NDF : 1442.1/11

0.160+/-0.112 χ^2/NDF : 4094.4/21

4.803+/-0.162 χ^2/NDF : 1086.5/9

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -41.877+/-0.225 χ^2/NDF : 1437.6/11

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

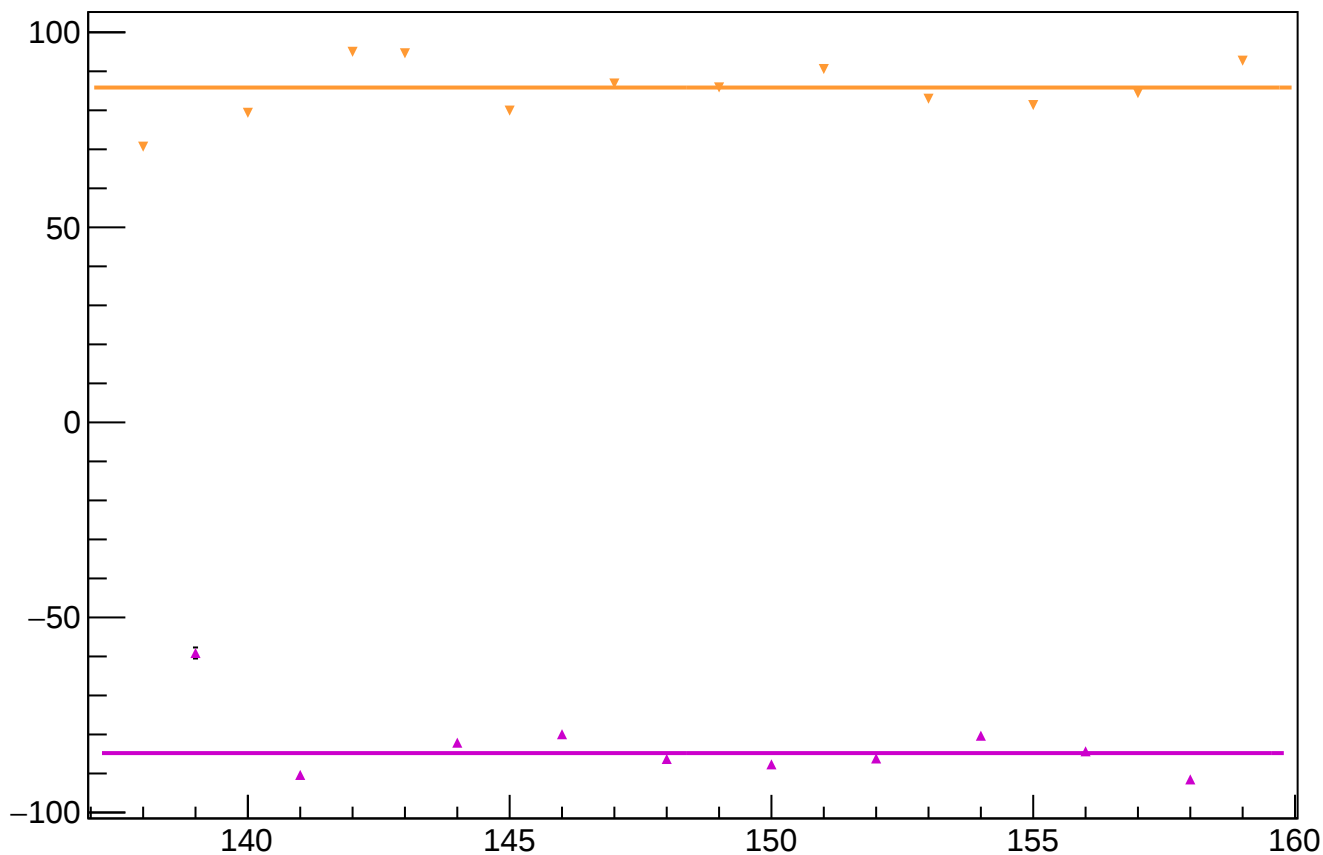
Left In: 44.169+/-0.232 χ^2/NDF : 697.5/9

-41.877+/-0.225 χ^2/NDF : 1437.6/11

-0.230+/-0.162 χ^2/NDF : 72994.2/21

44.169+/-0.232 χ^2/NDF : 697.5/9

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 85.841+/-0.187 χ^2/NDF : 1014.3/11

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

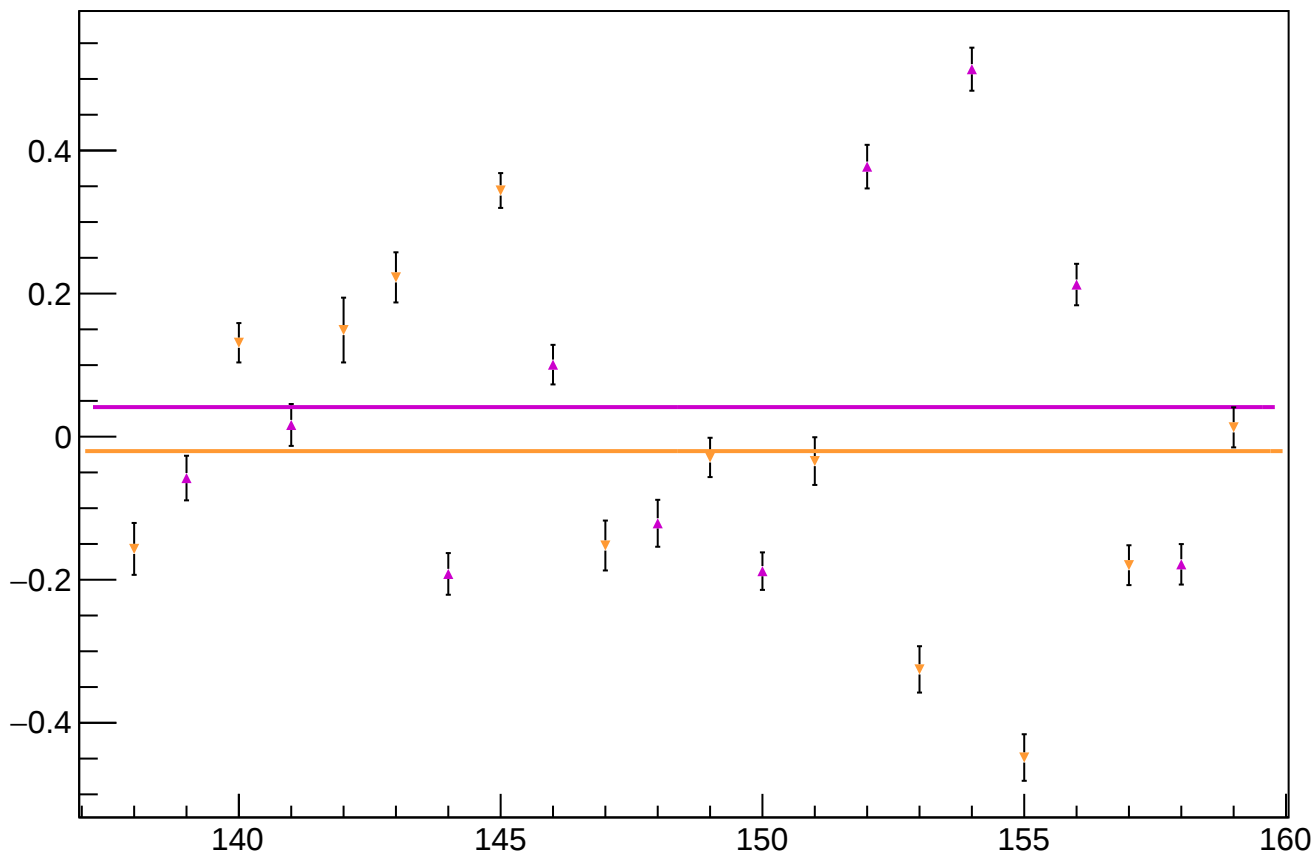
Left In: -84.775+/-0.195 χ^2/NDF : 744.1/9

85.841+/-0.187 χ^2/NDF : 1014.3/11

3.961+/-0.135 χ^2/NDF : 401209.2/21

-84.775+/-0.195 χ^2/NDF : 744.1/9

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: -0.020+/-0.009 χ^2/NDF : 641.2/11

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

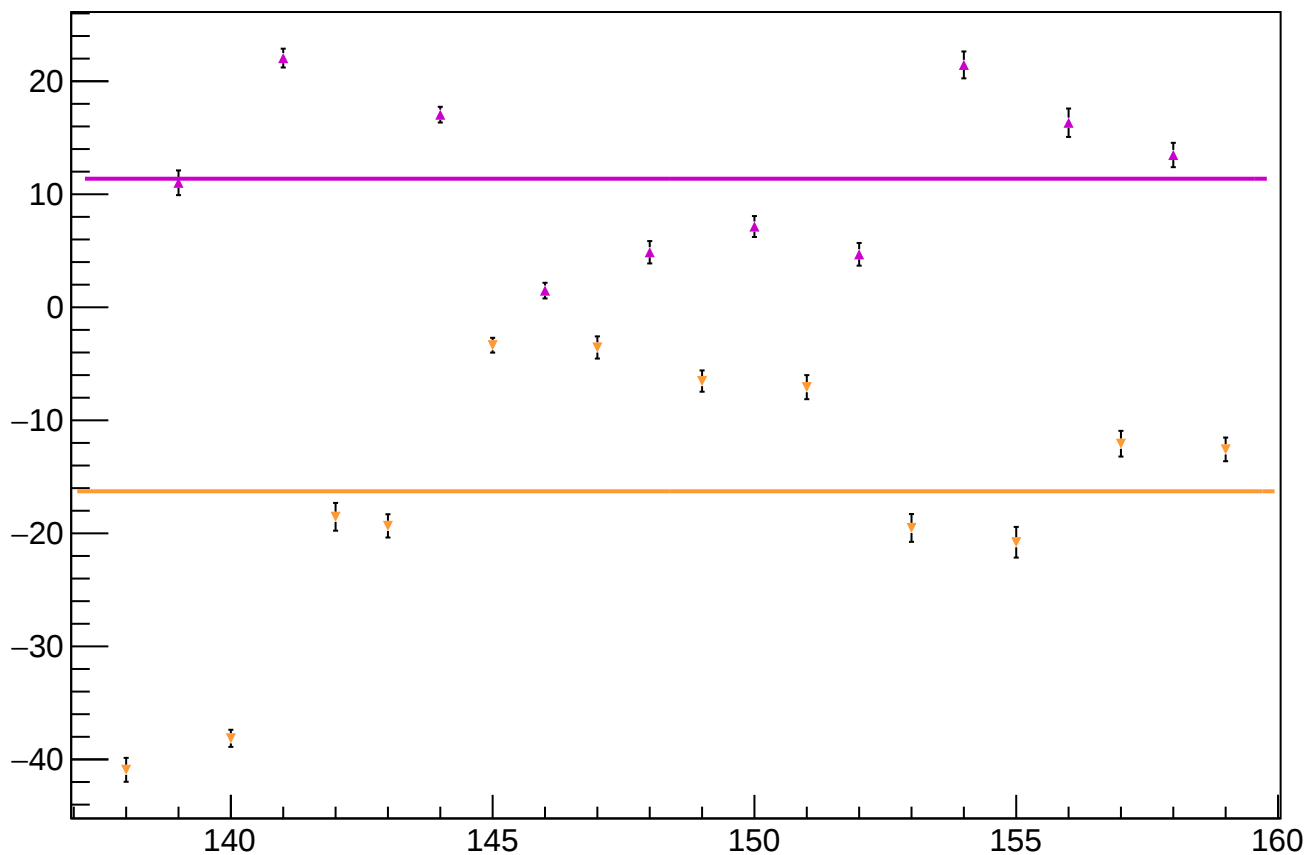
Left In: 0.041+/-0.009 χ^2/NDF : 643.8/9

-0.020+/-0.009 χ^2/NDF : 641.2/11

0.009+/-0.006 χ^2/NDF : 1308.0/21

0.041+/-0.009 χ^2/NDF : 643.8/9

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -16.280+/-0.283 χ^2/NDF : 2171.7/11

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

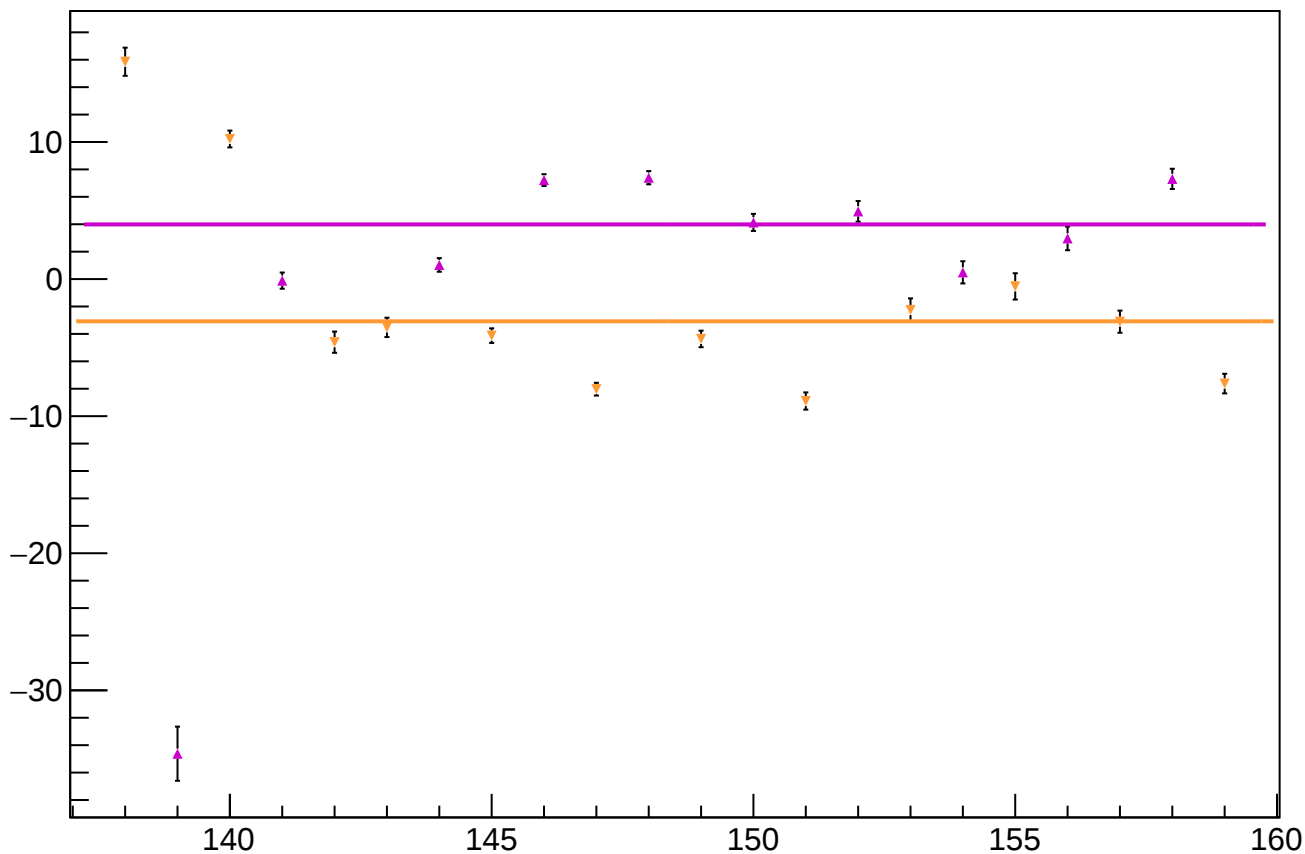
Left In: 11.374+/-0.291 χ^2/NDF : 634.6/9

-16.280+/-0.283 χ^2/NDF : 2171.7/11

-2.847+/-0.203 χ^2/NDF : 7452.3/21

11.374+/-0.291 χ^2/NDF : 634.6/9

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: -3.080+/-0.194 χ^2/NDF :1067.8/11

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

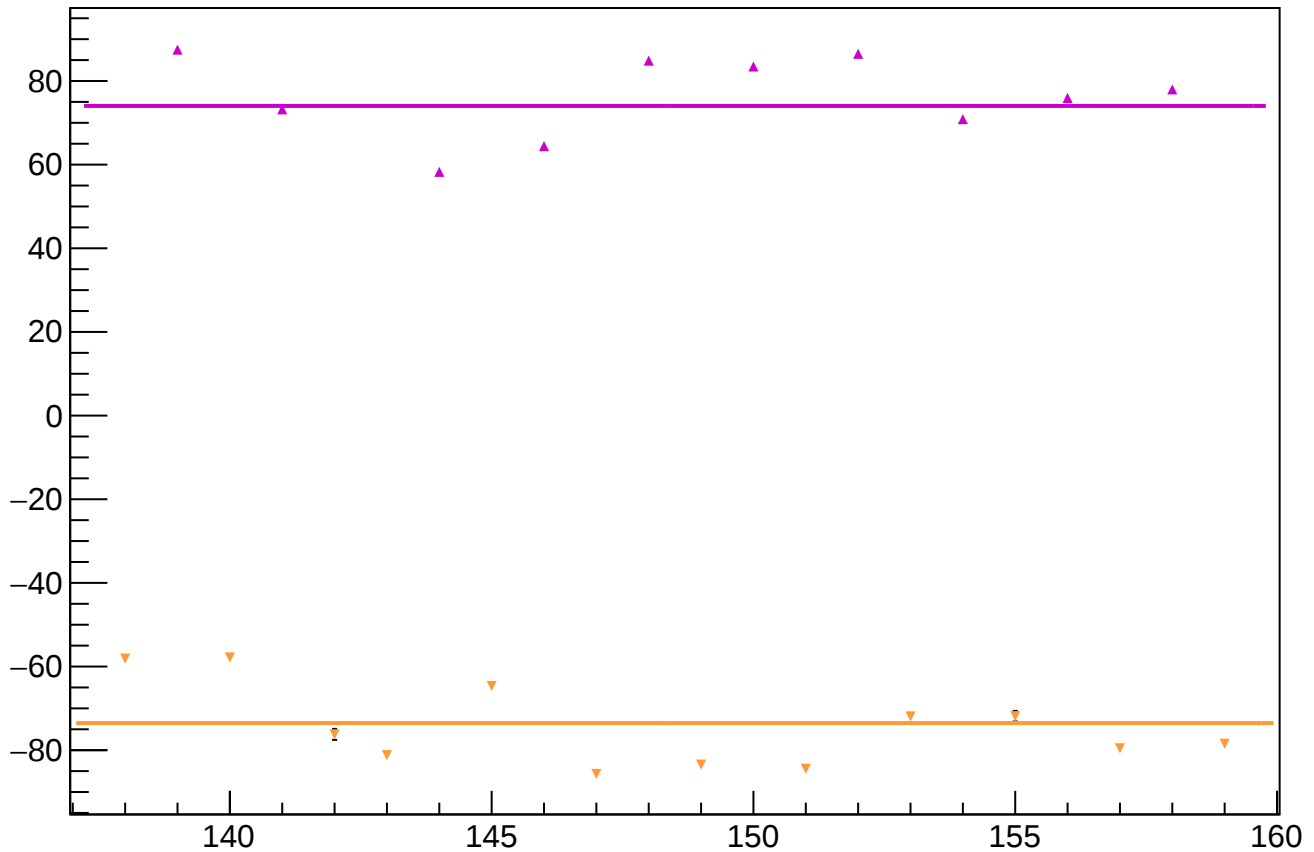
Left In: 3.987+/-0.196 χ^2/NDF :614.2/9

-3.080+/-0.194 χ^2/NDF : 1067.8/11

0.408+/-0.138 χ^2/NDF : 2338.3/21

3.987+/-0.196 χ^2/NDF : 614.2/9

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -73.513 ± 0.282 $\chi^2/\text{NDF}: 1256.7/11$

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

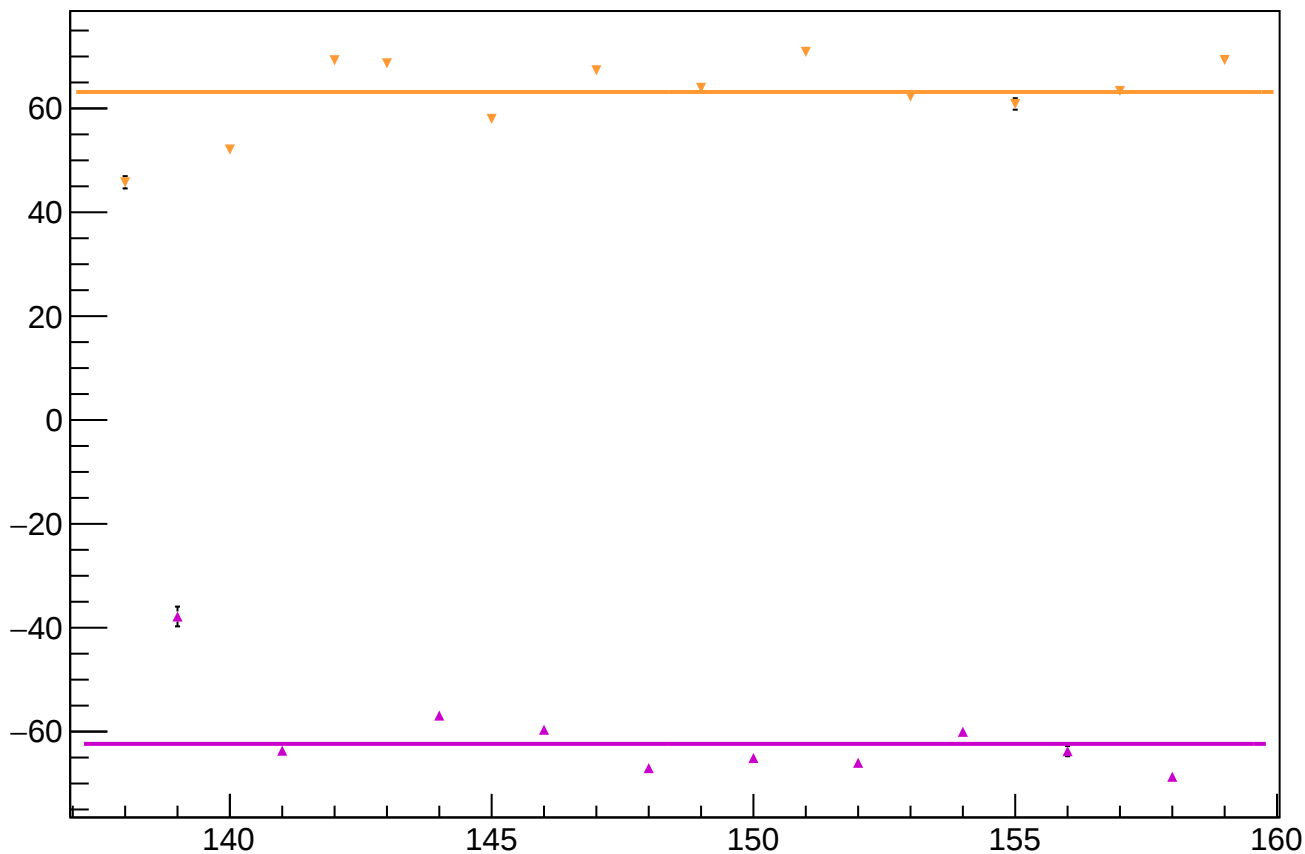
Left In: 74.038 ± 0.286 $\chi^2/\text{NDF}: 1236.4/9$

-73.513 ± 0.282 $\chi^2/\text{NDF}: 1256.7/11$

-0.881 ± 0.201 $\chi^2/\text{NDF}: 137350.3/21$

74.038 ± 0.286 $\chi^2/\text{NDF}: 1236.4/9$

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 63.167+/-0.233 χ^2/NDF : 800.0/11

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

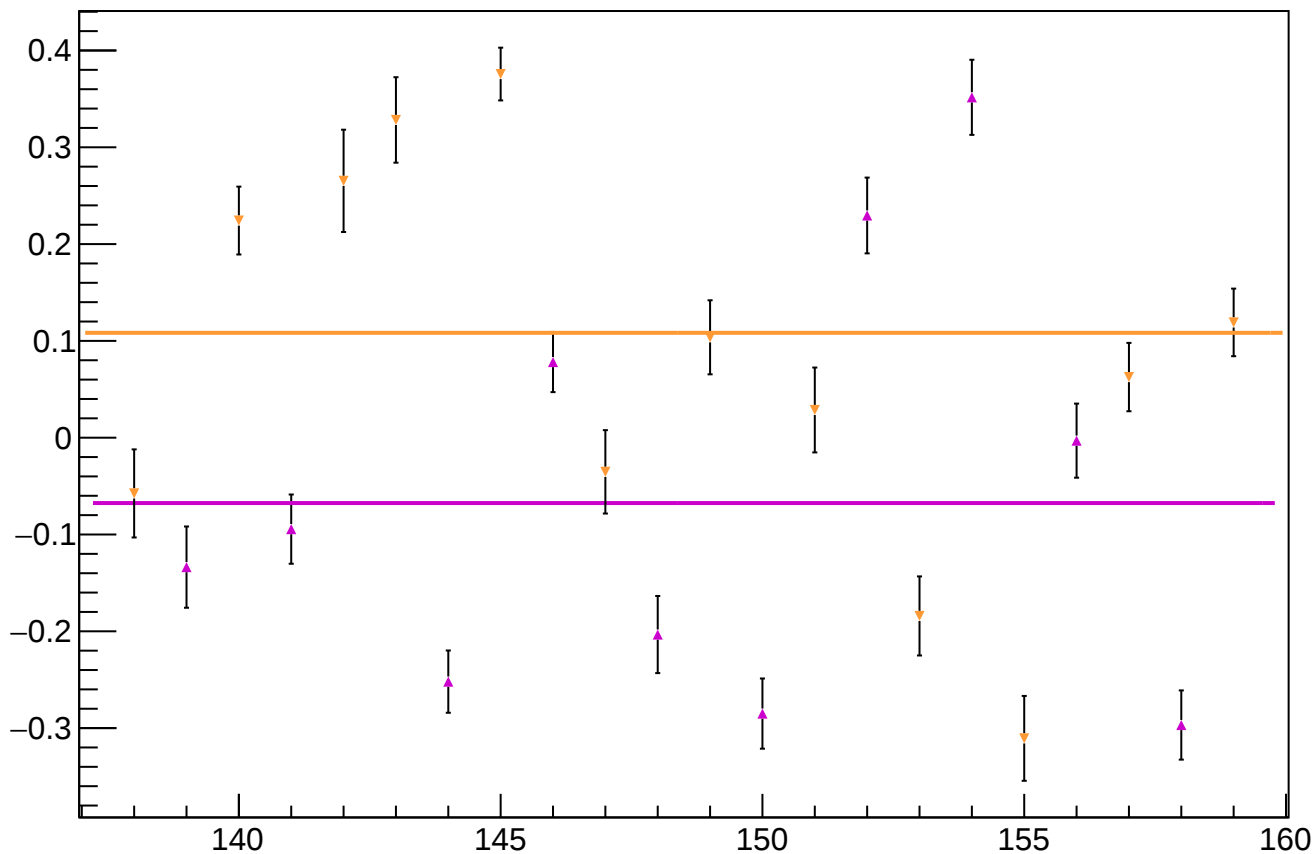
Left In: -62.365+/-0.237 χ^2/NDF : 434.1/9

63.167+/-0.233 χ^2/NDF : 800.0/11

1.420+/-0.166 χ^2/NDF : 143448.1/21

-62.365+/-0.237 χ^2/NDF : 434.1/9

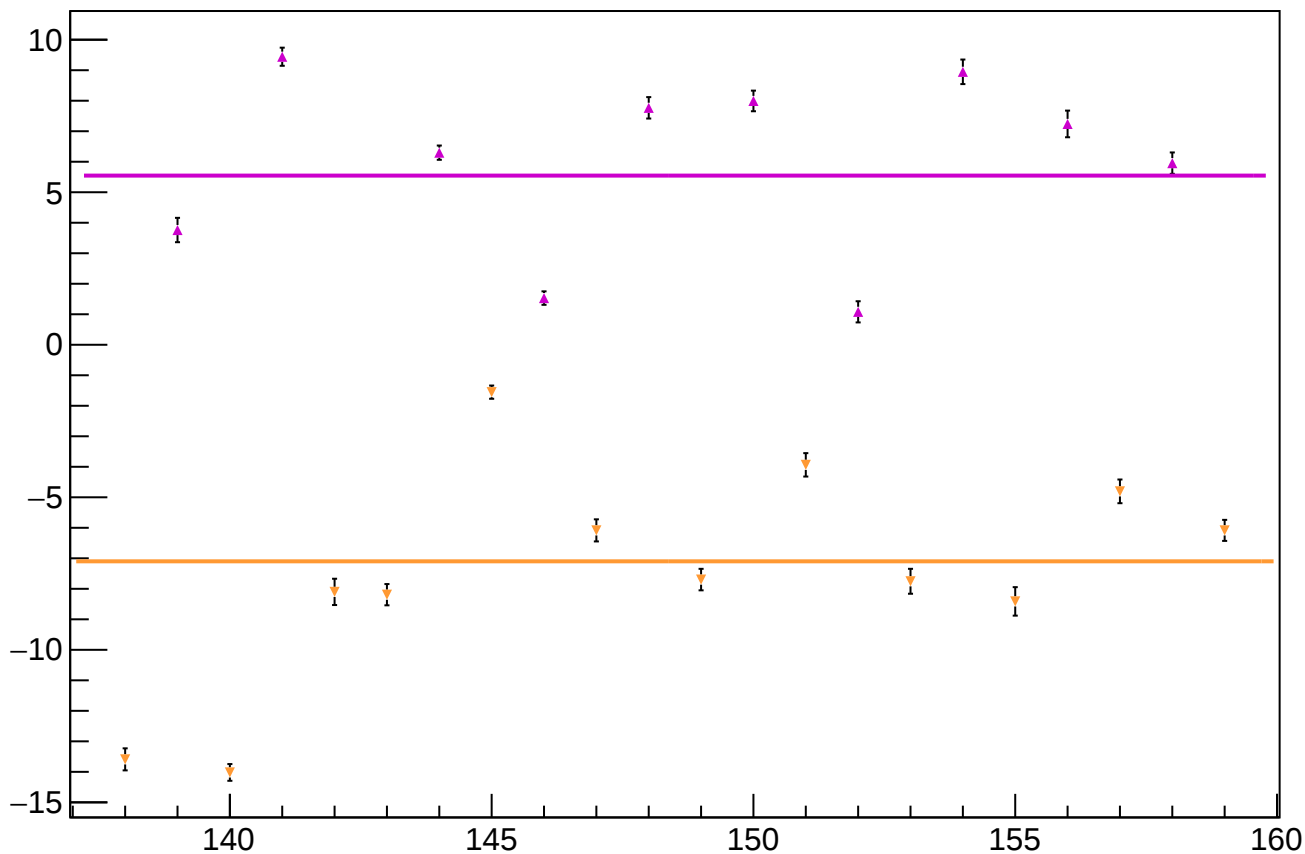
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.108 $\pm$ 0.011 χ^2 /NDF: 312.9/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.068 $\pm$ 0.012 χ^2 /NDF: 323.9/9

0.108 $\pm$ 0.011 χ^2 /NDF: 312.9/11
 0.023 $\pm$ 0.008 χ^2 /NDF: 756.7/21
 -0.068 $\pm$ 0.012 χ^2 /NDF: 323.9/9

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -7.099+/-0.098 χ^2/NDF : 1758.4/11

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

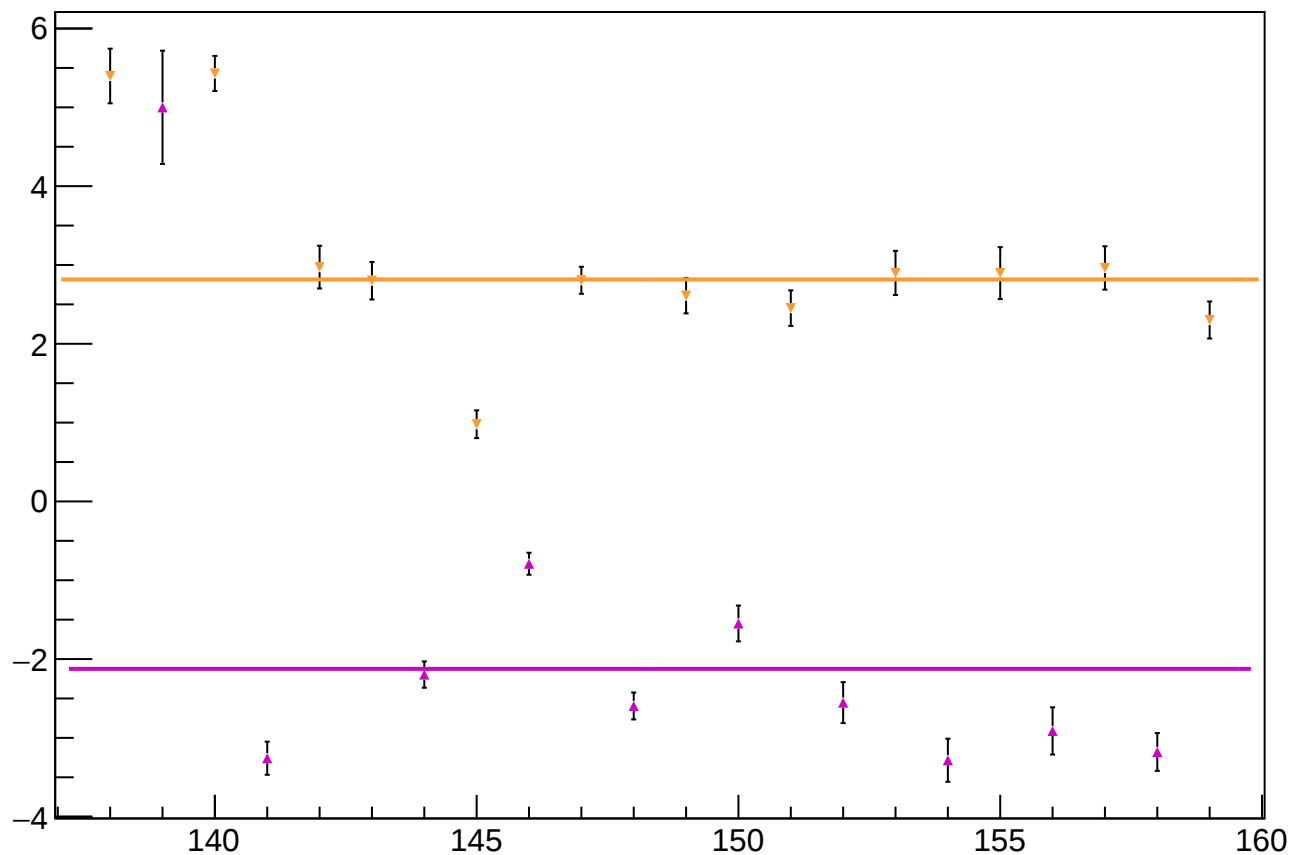
Left In: 5.546+/-0.099 χ^2/NDF : 878.9/9

-7.099+/-0.098 χ^2/NDF : 1758.4/11

-0.862+/-0.070 χ^2/NDF : 10827.6/21

5.546+/-0.099 χ^2/NDF : 878.9/9

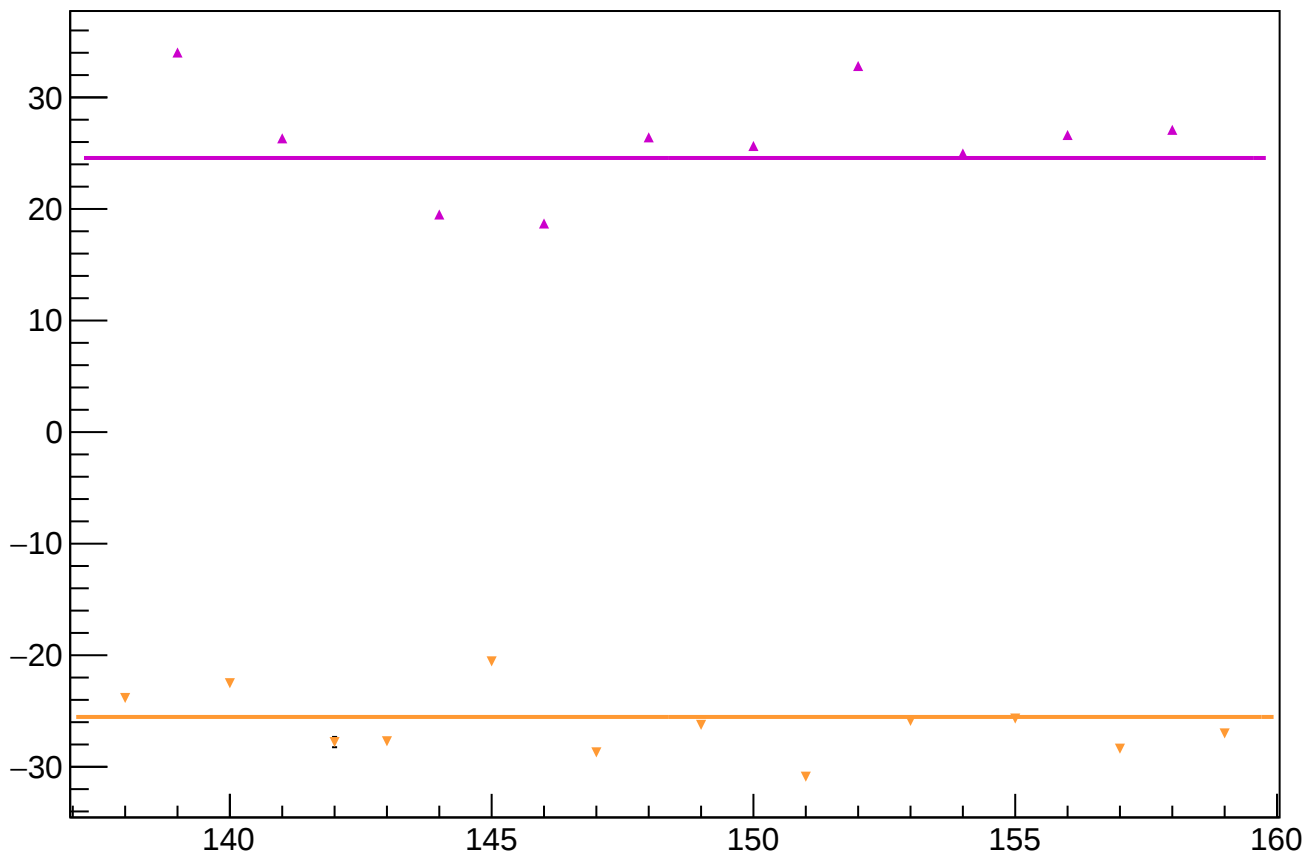
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.816 $\pm$ 0.068 χ^2 /NDF: 311.2/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -2.124 $\pm$ 0.067 χ^2 /NDF: 279.8/9

2.816 $\pm$ 0.068 χ^2 /NDF: 311.2/11
 0.327 $\pm$ 0.048 χ^2 /NDF: 3281.1/21
 -2.124 $\pm$ 0.067 χ^2 /NDF: 279.8/9

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -25.530 ± 0.098 χ^2/NDF : 1042.1/11

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

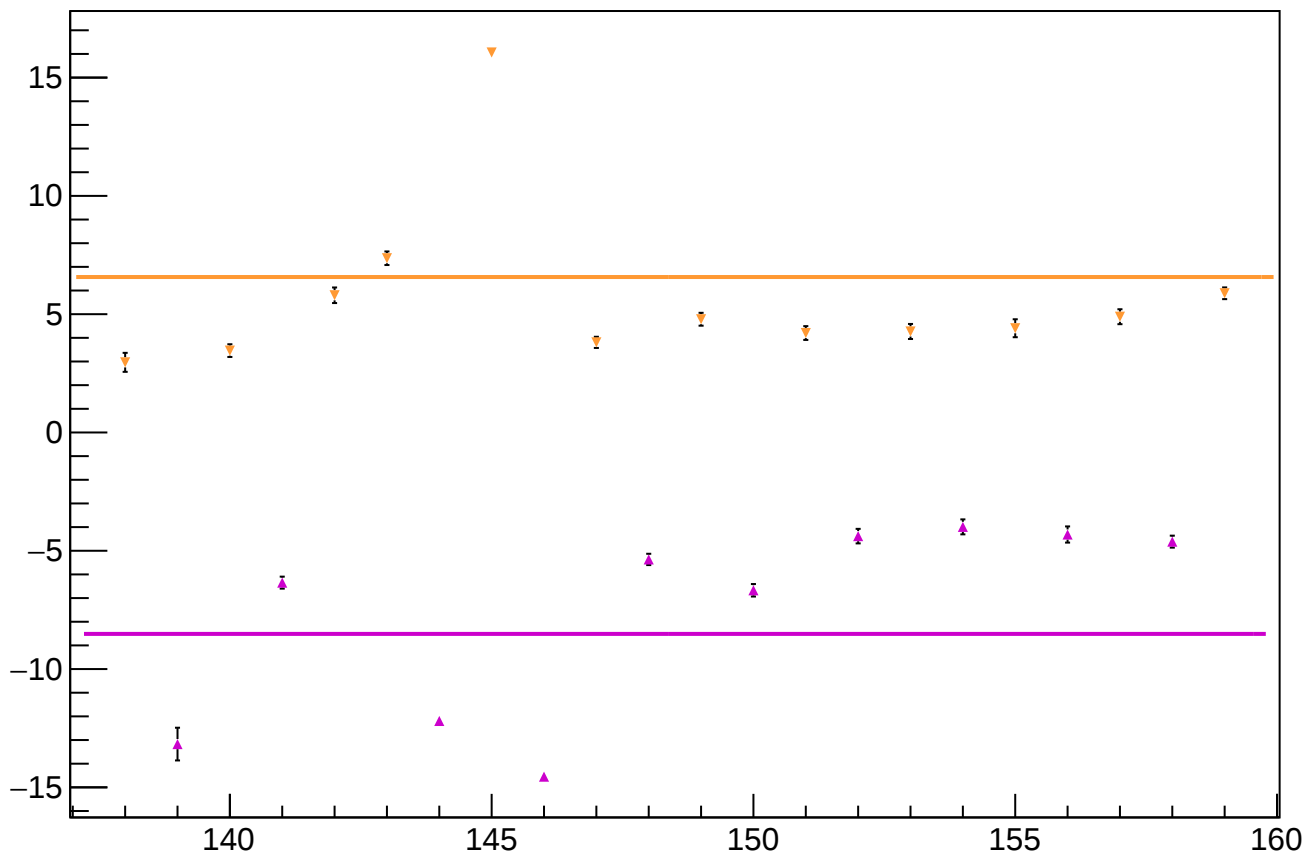
Left In: 24.570 ± 0.098 χ^2/NDF : 2427.7/9

-25.530 ± 0.098 χ^2/NDF : 1042.1/11

-0.439 ± 0.069 χ^2/NDF : 134456.0/21

24.570 ± 0.098 χ^2/NDF : 2427.7/9

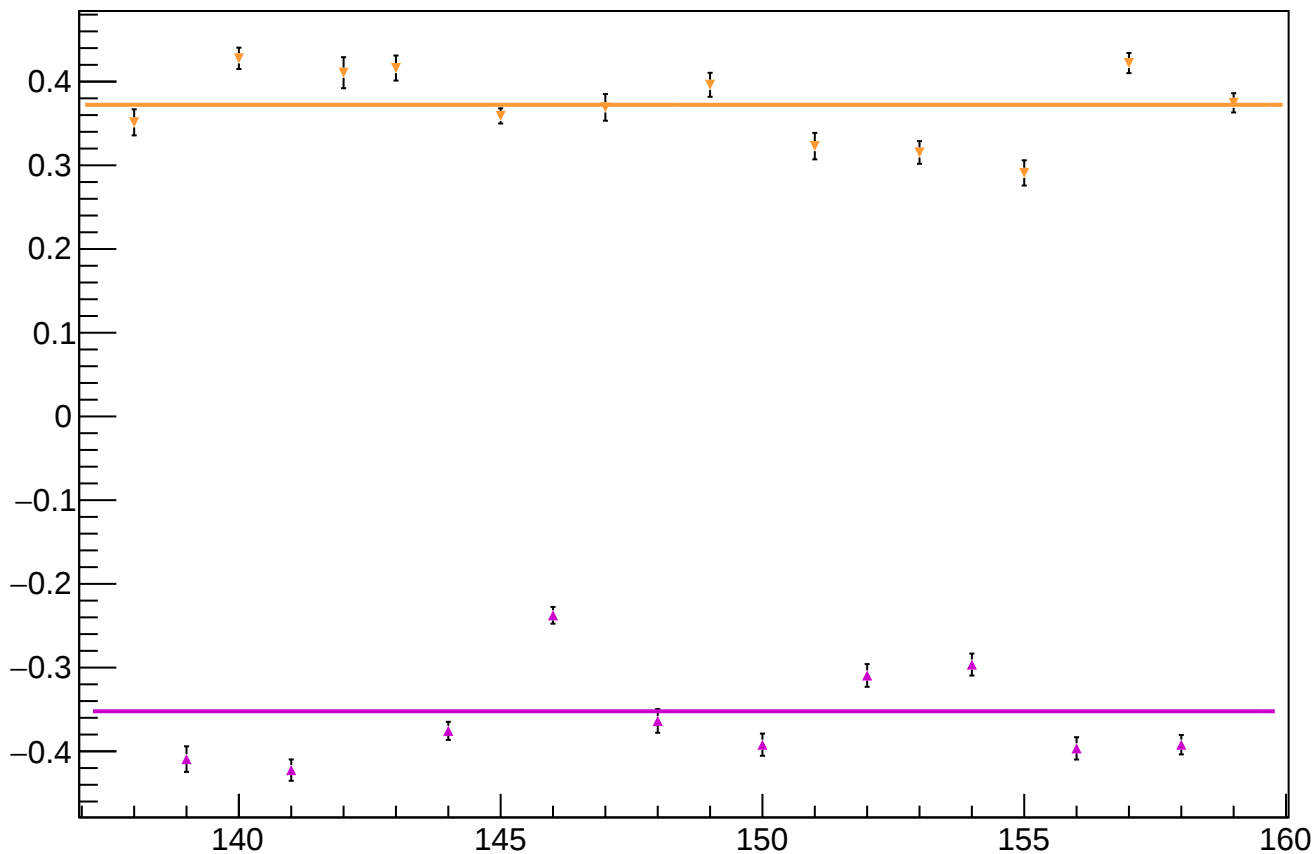
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 6.571 $\pm$ 0.081 χ^2/NDF :2774.9/11
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -8.514 $\pm$ 0.081 χ^2/NDF :2649.7/9

6.571 $\pm$ 0.081 χ^2/NDF : 2774.9/11
 -0.986 $\pm$ 0.057 χ^2/NDF : 22733.1/21
 -8.514 $\pm$ 0.081 χ^2/NDF : 2649.7/9

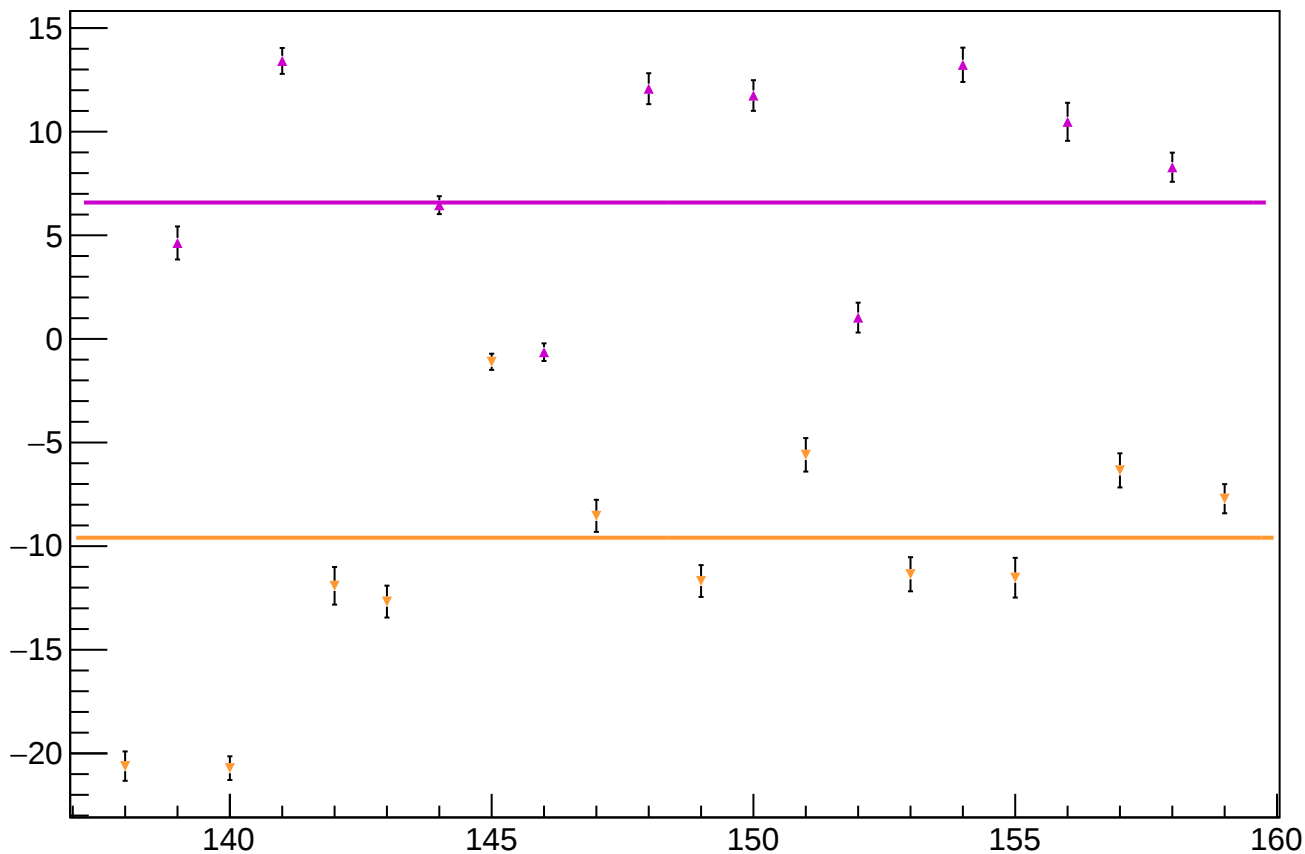
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 0.372 $\pm$ 0.004 χ^2/NDF : 112.3/11
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -0.352 $\pm$ 0.004 χ^2/NDF : 241.4/9

0.372 $\pm$ 0.004 χ^2/NDF : 112.3/11
 0.018 $\pm$ 0.003 χ^2/NDF : 17532.4/21
 -0.352 $\pm$ 0.004 χ^2/NDF : 241.4/9

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -9.593+/-0.198 χ^2/NDF : 1181.8/11

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

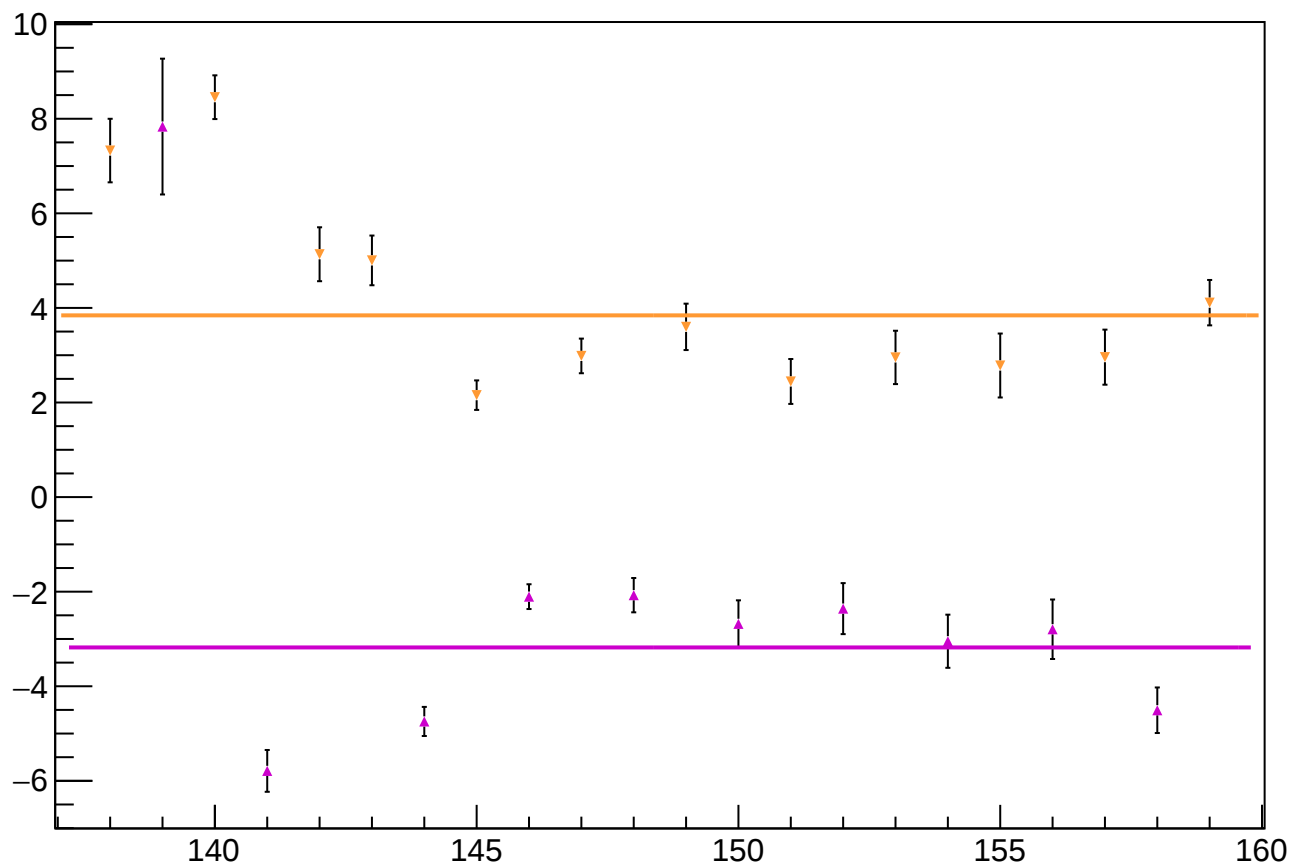
Left In: 6.581+/-0.199 χ^2/NDF : 665.8/9

-9.593+/-0.198 χ^2/NDF : 1181.8/11

-1.541+/-0.140 χ^2/NDF : 5166.7/21

6.581+/-0.199 χ^2/NDF : 665.8/9

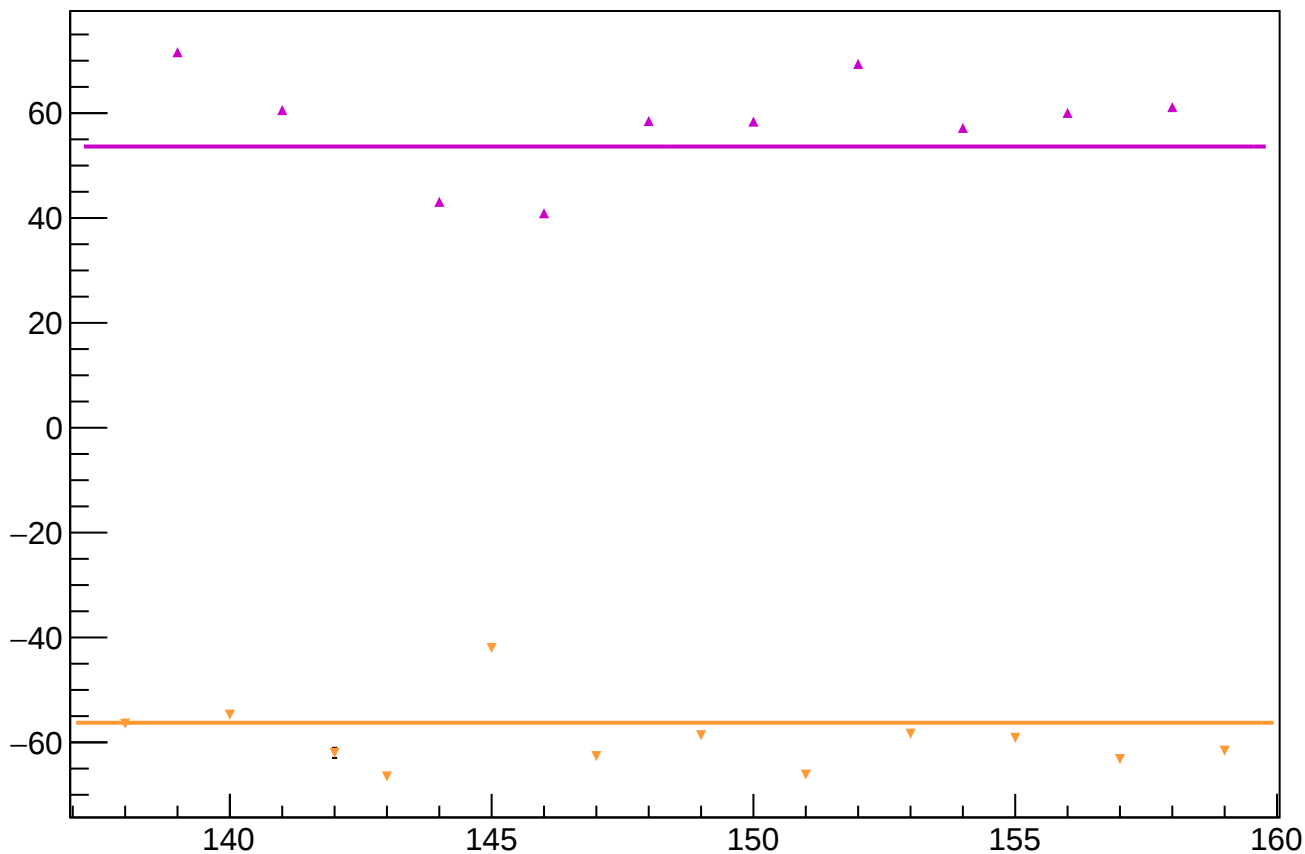
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.843+/-0.138 χ^2/NDF :187.7/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.179+/-0.134 χ^2/NDF :157.0/9

3.843+/-0.138 χ^2/NDF : 187.7/11
 0.225+/-0.096 χ^2/NDF : 1679.1/21
 -3.179+/-0.134 χ^2/NDF : 157.0/9

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -56.262+/-0.199 χ^2/NDF : 1793.6/11

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

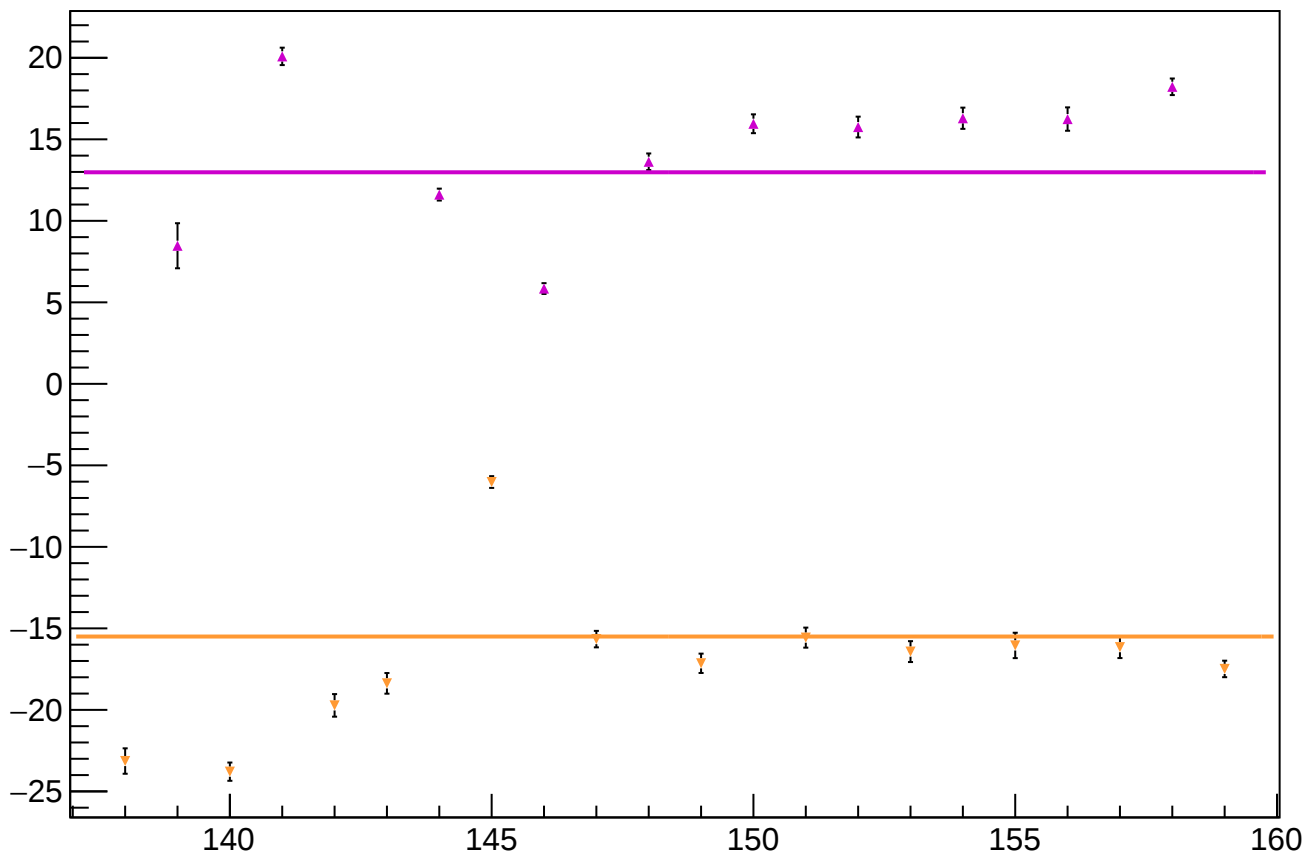
Left In: 53.632+/-0.196 χ^2/NDF : 2865.5/9

-56.262+/-0.199 χ^2/NDF : 1793.6/11

-0.603+/-0.140 χ^2/NDF : 159406.7/21

53.632+/-0.196 χ^2/NDF : 2865.5/9

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -15.501+/-0.165 χ^2/NDF : 1089.3/11

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

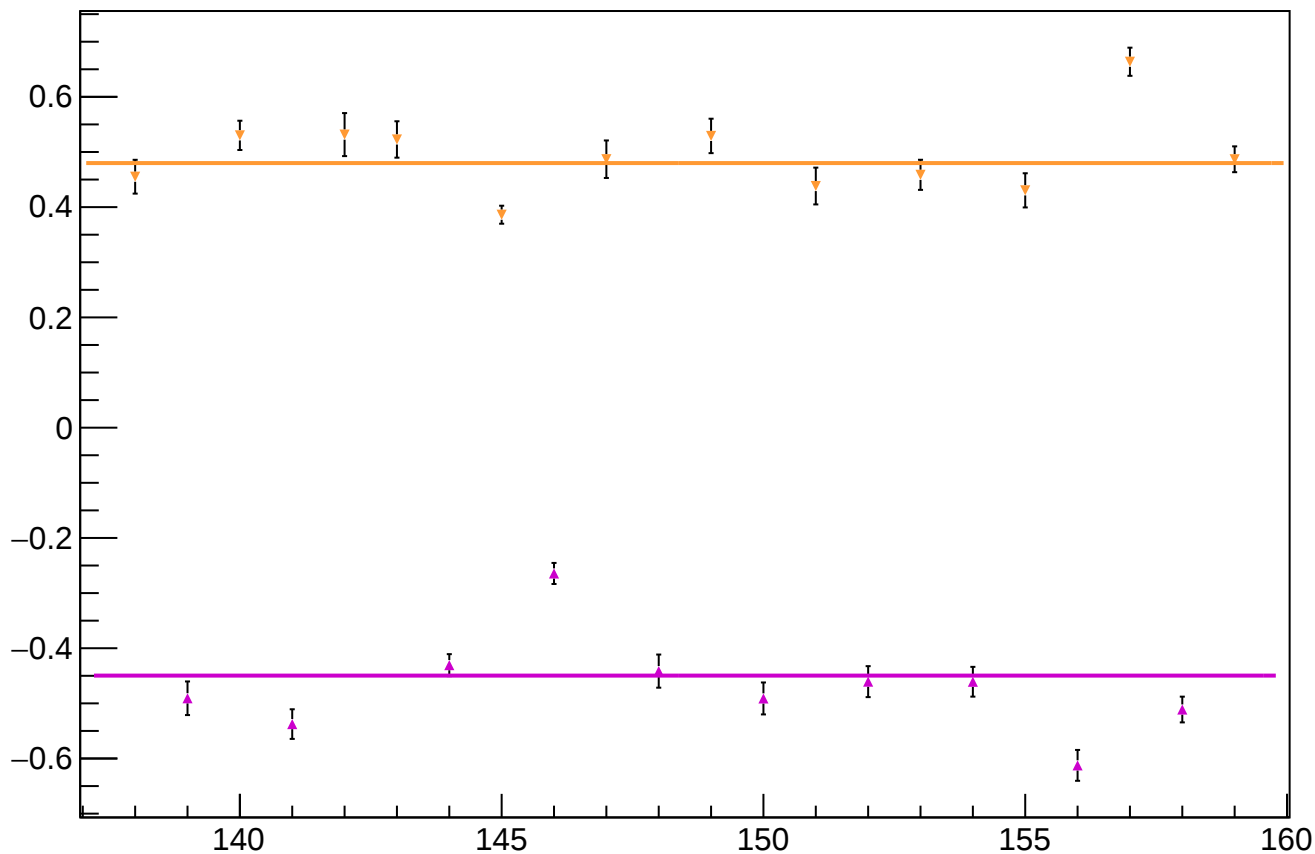
Left In: 12.978+/-0.162 χ^2/NDF : 866.1/9

-15.501+/-0.165 χ^2/NDF : 1089.3/11

-0.987+/-0.116 χ^2/NDF : 17129.8/21

12.978+/-0.162 χ^2/NDF : 866.1/9

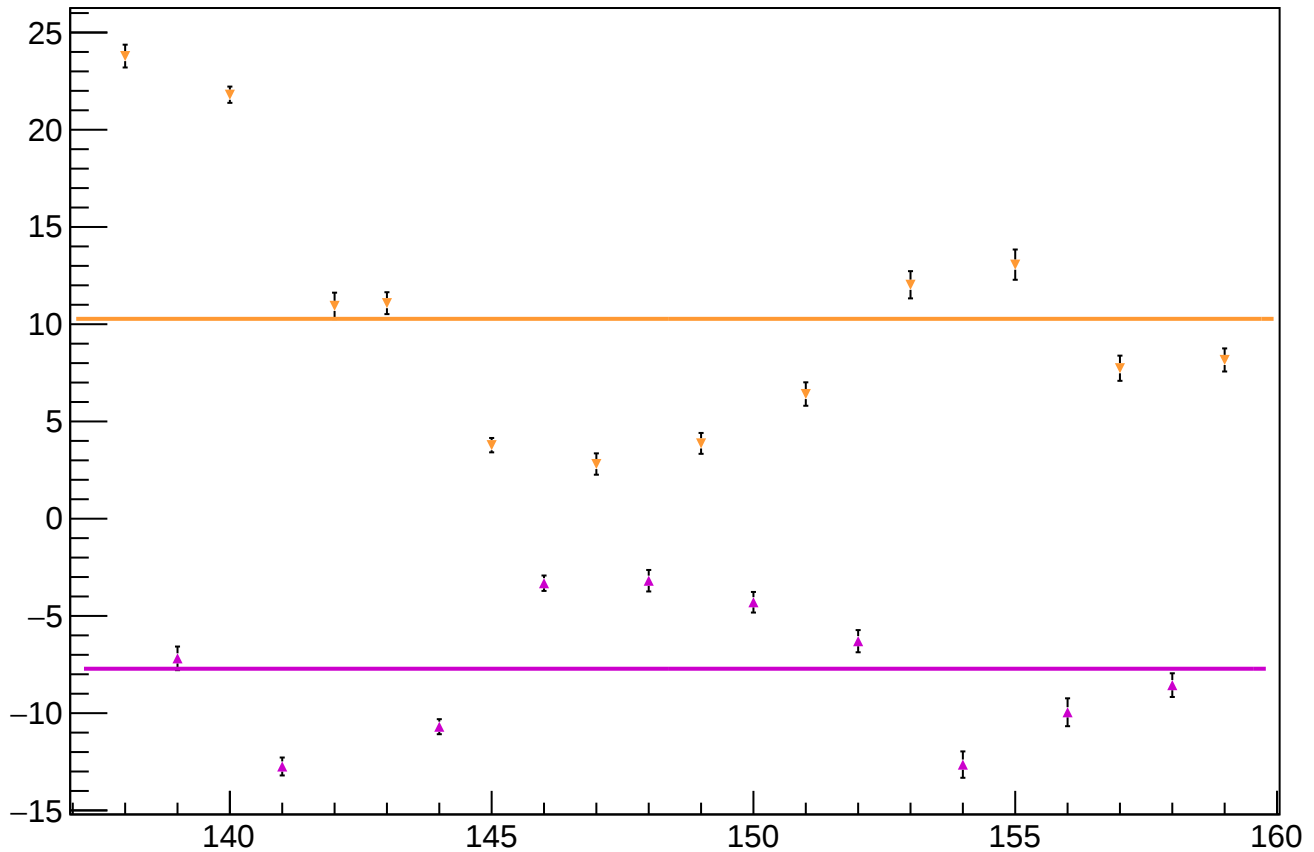
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left Out: 0.480 +/- 0.008 χ^2/NDF : 99.8/11
 Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left In: -0.450 +/- 0.008 χ^2/NDF : 150.9/9

0.480 +/- 0.008 χ^2/NDF : 99.8/11
 0.023 +/- 0.006 χ^2/NDF : 7185.9/21
 -0.450 +/- 0.008 χ^2/NDF : 150.9/9

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 10.277+/-0.159 χ^2/NDF : 2017.0/11

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

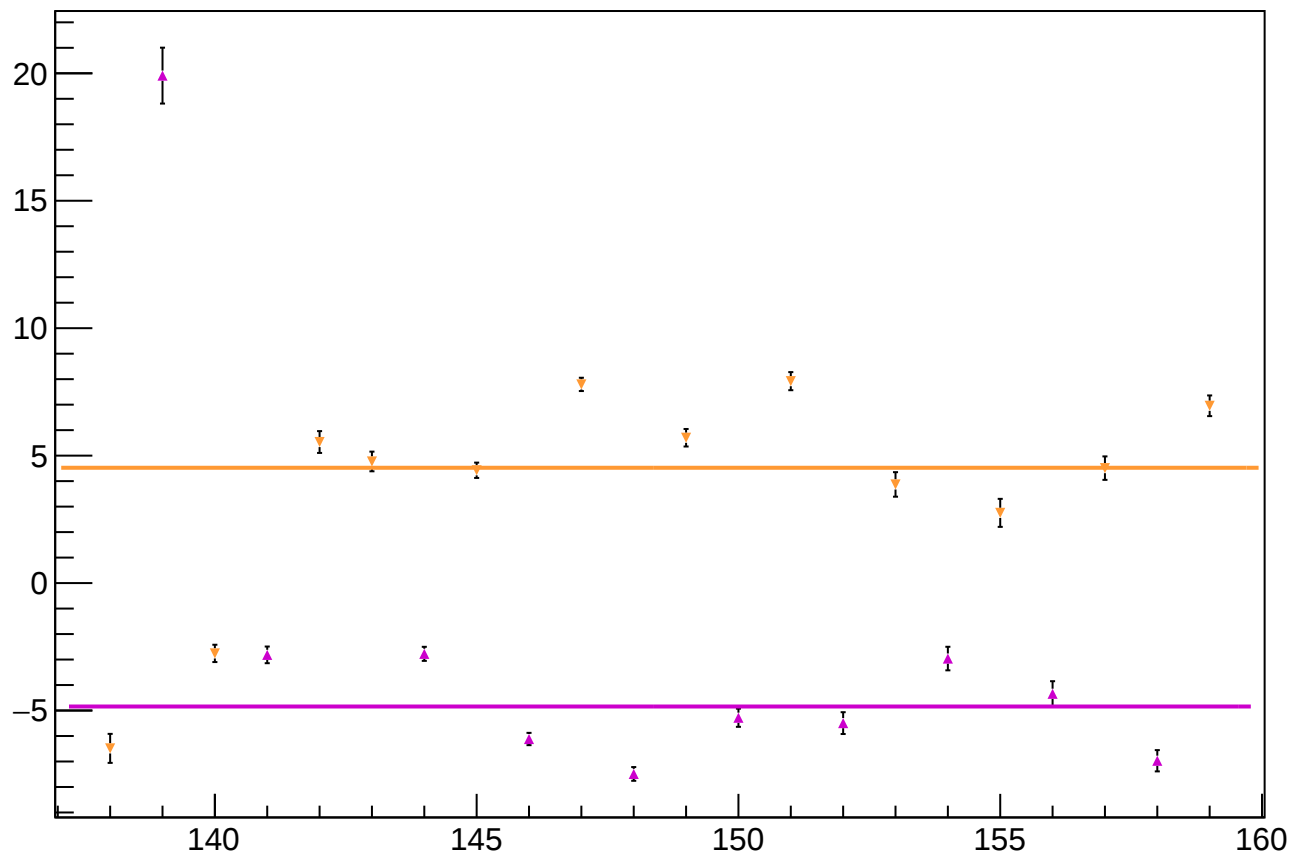
Left In: -7.715+/-0.164 χ^2/NDF : 481.8/9

10.277+/-0.159 χ^2/NDF : 2017.0/11

1.575+/-0.114 χ^2/NDF : 8717.5/21

-7.715+/-0.164 χ^2/NDF : 481.8/9

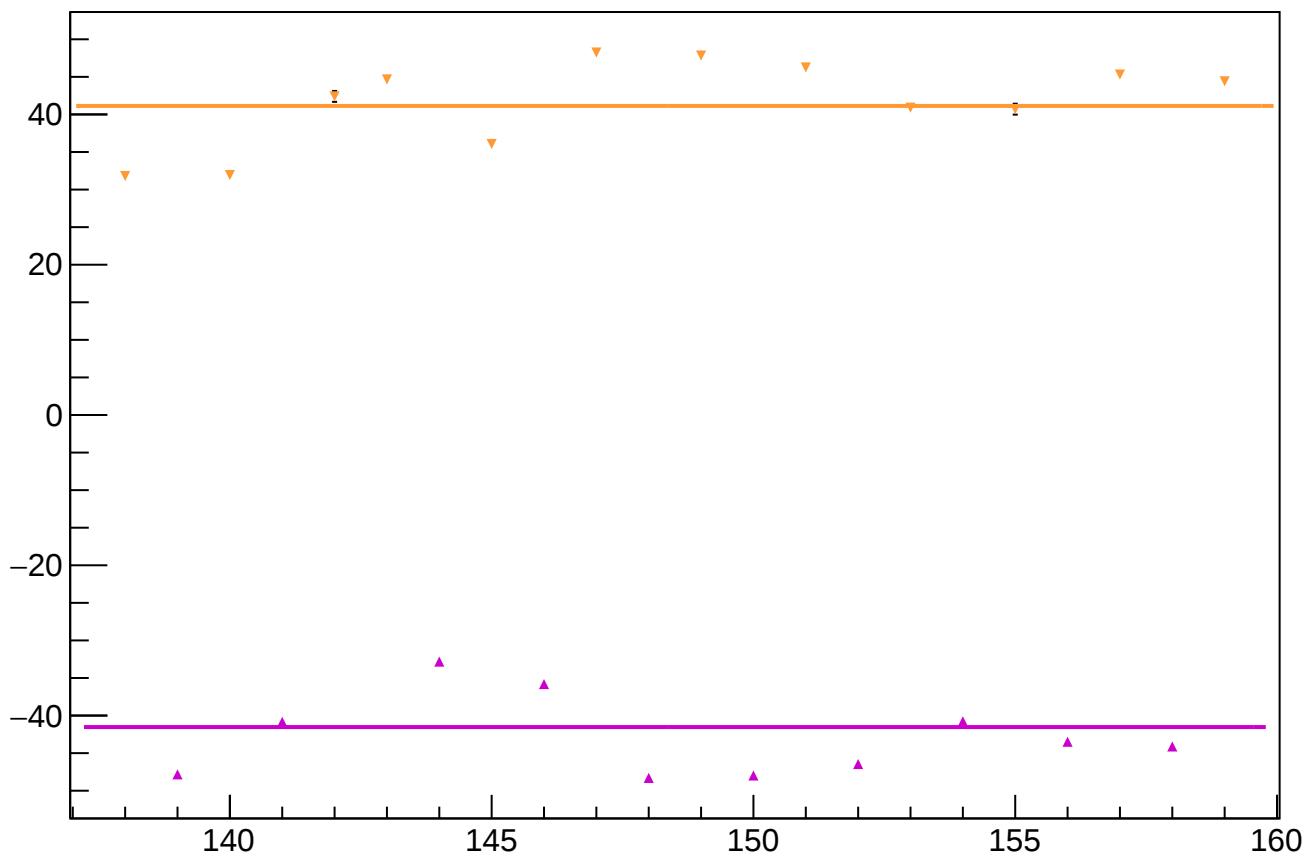
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.524+/-0.109 χ^2/NDF : 1149.2/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.842+/-0.110 χ^2/NDF : 775.8/9

4.524+/-0.109 χ^2/NDF : 1149.2/11
 -0.091+/-0.077 χ^2/NDF : 5579.4/21
 -4.842+/-0.110 χ^2/NDF : 775.8/9

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: 41.132+/-0.158 χ^2/NDF :1380.6/11

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

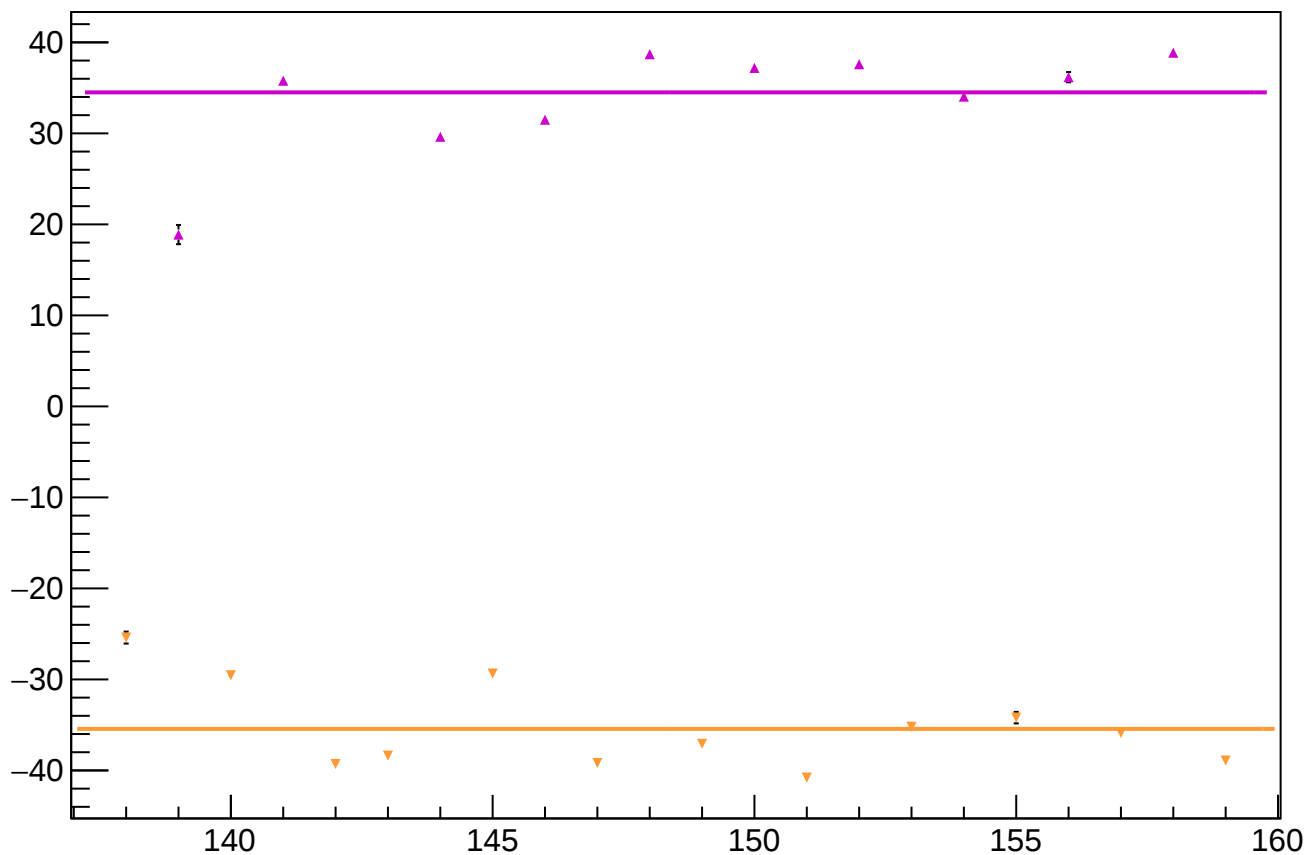
Left In: -41.529+/-0.162 χ^2/NDF :1214.9/9

41.132+/-0.158 χ^2/NDF : 1380.6/11

0.599+/-0.113 χ^2/NDF : 136089.9/21

-41.529+/-0.162 χ^2/NDF : 1214.9/9

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -35.433+/-0.131 χ^2/NDF : 1174.4/11

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

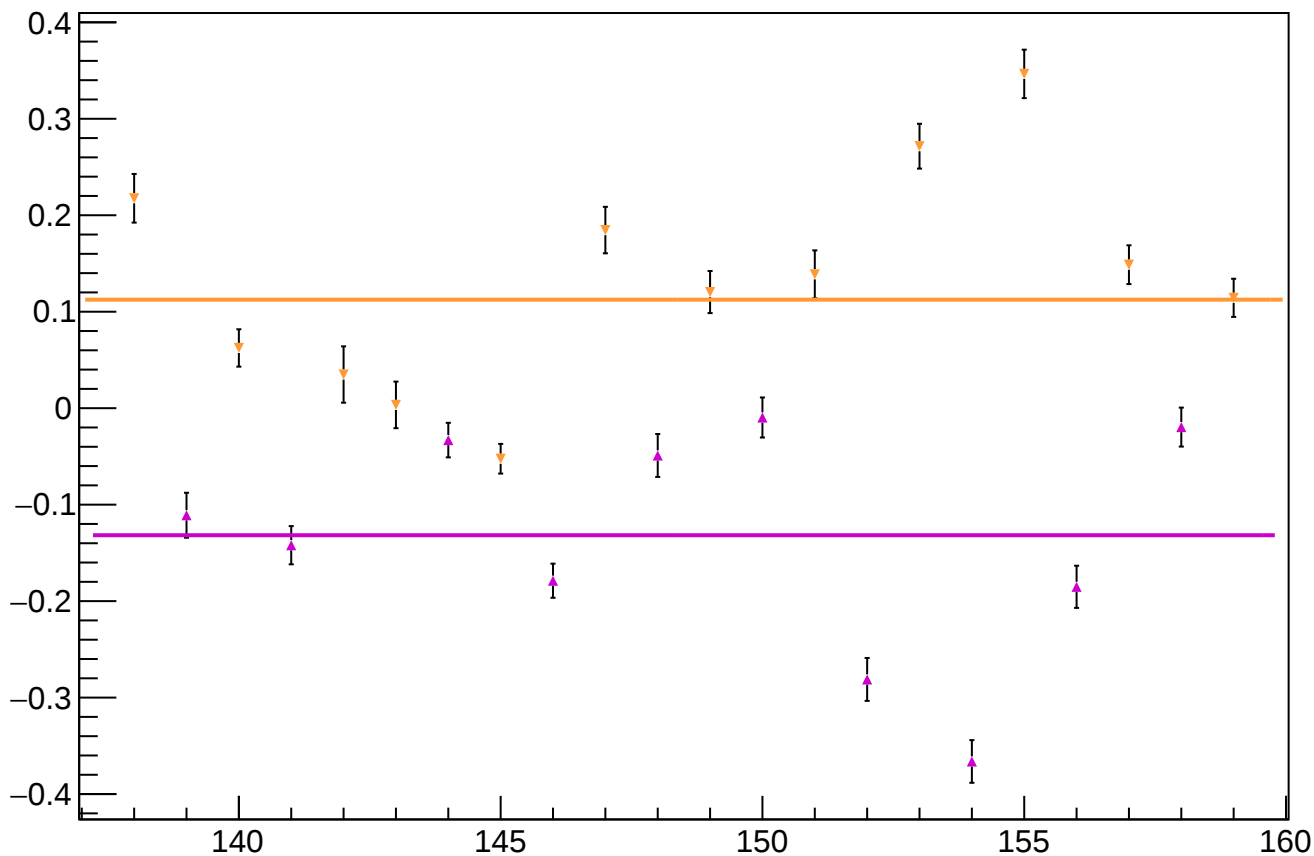
Left In: 34.504+/-0.134 χ^2/NDF : 860.2/9

-35.433+/-0.131 χ^2/NDF : 1174.4/11

-1.116+/-0.094 χ^2/NDF : 141610.7/21

34.504+/-0.134 χ^2/NDF : 860.2/9

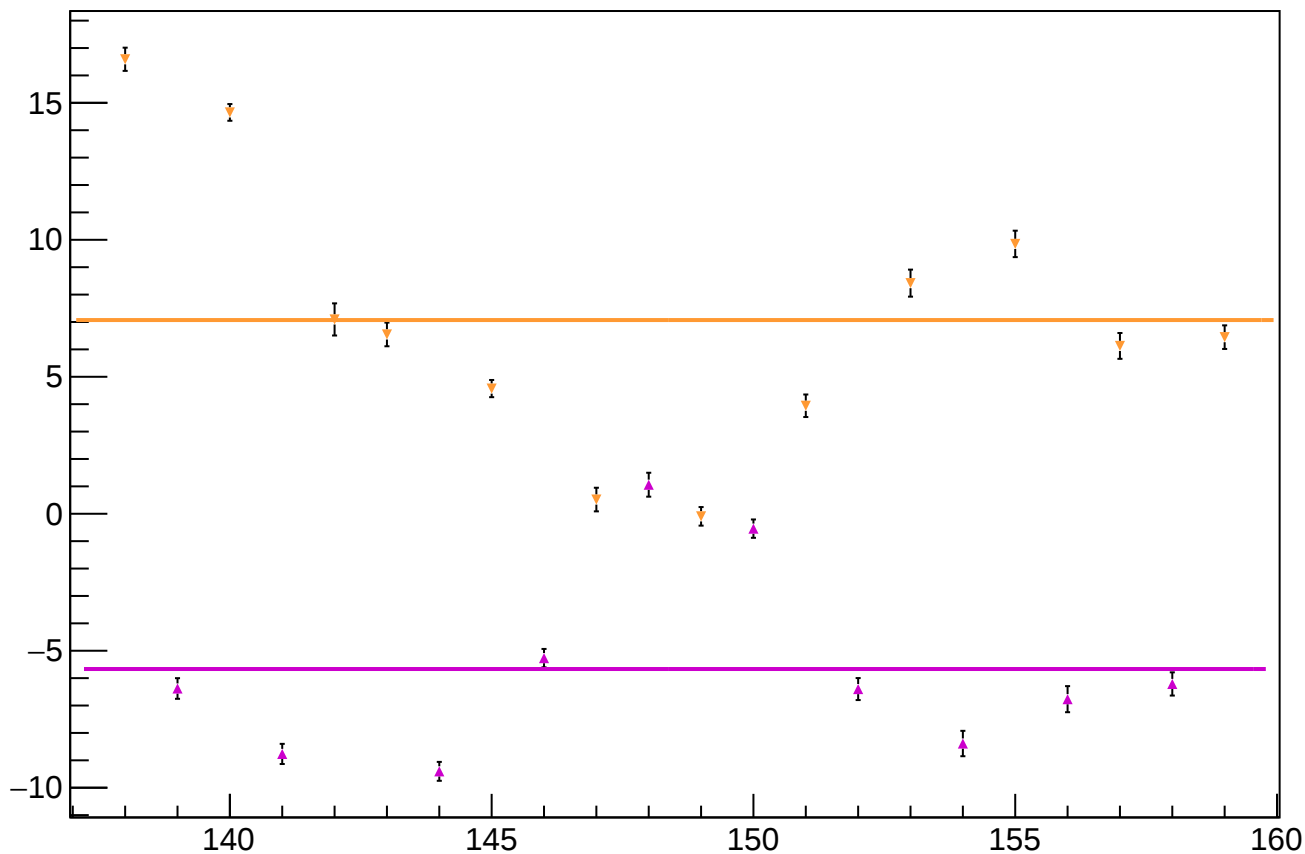
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.113 $\pm$ 0.006 χ^2 /NDF:313.7/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.132 $\pm$ 0.007 χ^2 /NDF:281.2/9

0.113 $\pm$ 0.006 χ^2 /NDF: 313.7/11
 -0.006 $\pm$ 0.005 χ^2 /NDF: 1323.5/21
 -0.132 $\pm$ 0.007 χ^2 /NDF: 281.2/9

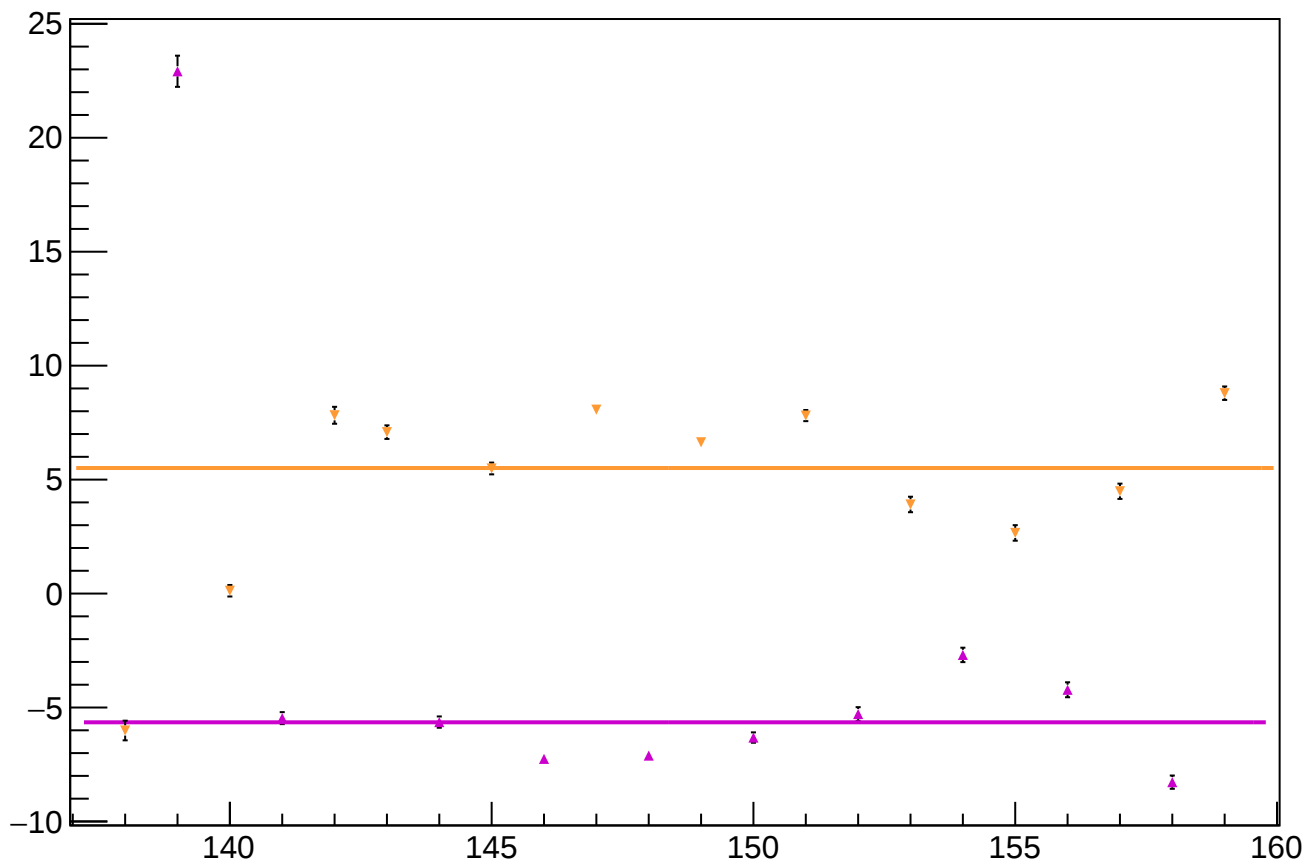
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.071+/-0.117 χ^2/NDF :1968.3/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.667+/-0.122 χ^2/NDF :709.2/9

7.071+/-0.117 χ^2/NDF : 1968.3/11
 0.988+/-0.085 χ^2/NDF : 8334.2/21
 -5.667+/-0.122 χ^2/NDF : 709.2/9

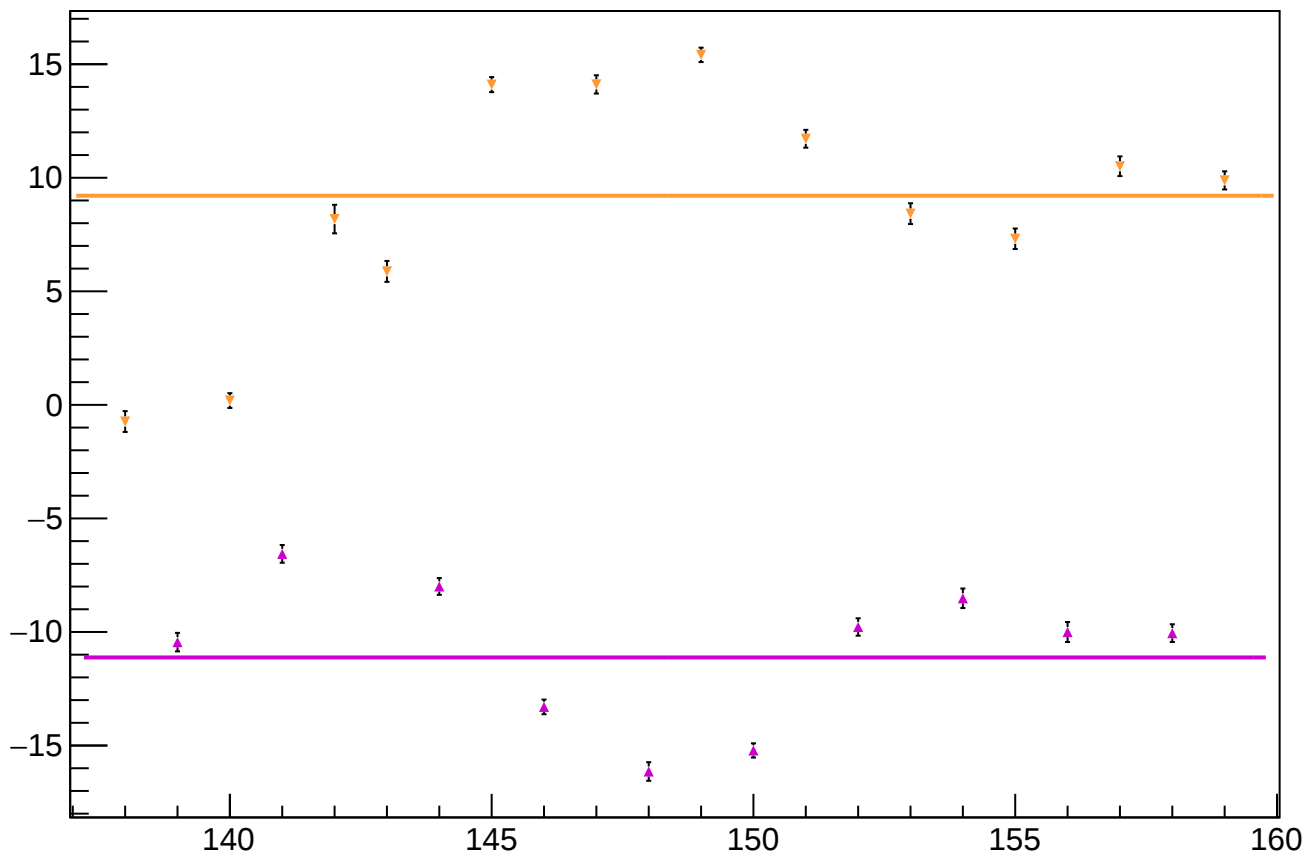
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.509 $\pm$ 0.081 χ^2 /NDF:1725.7/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.649 $\pm$ 0.085 χ^2 /NDF:2042.7/9

5.509 $\pm$ 0.081 χ^2 /NDF: 1725.7/11
 0.223 $\pm$ 0.059 χ^2 /NDF: 12790.9/21
 -5.649 $\pm$ 0.085 χ^2 /NDF: 2042.7/9

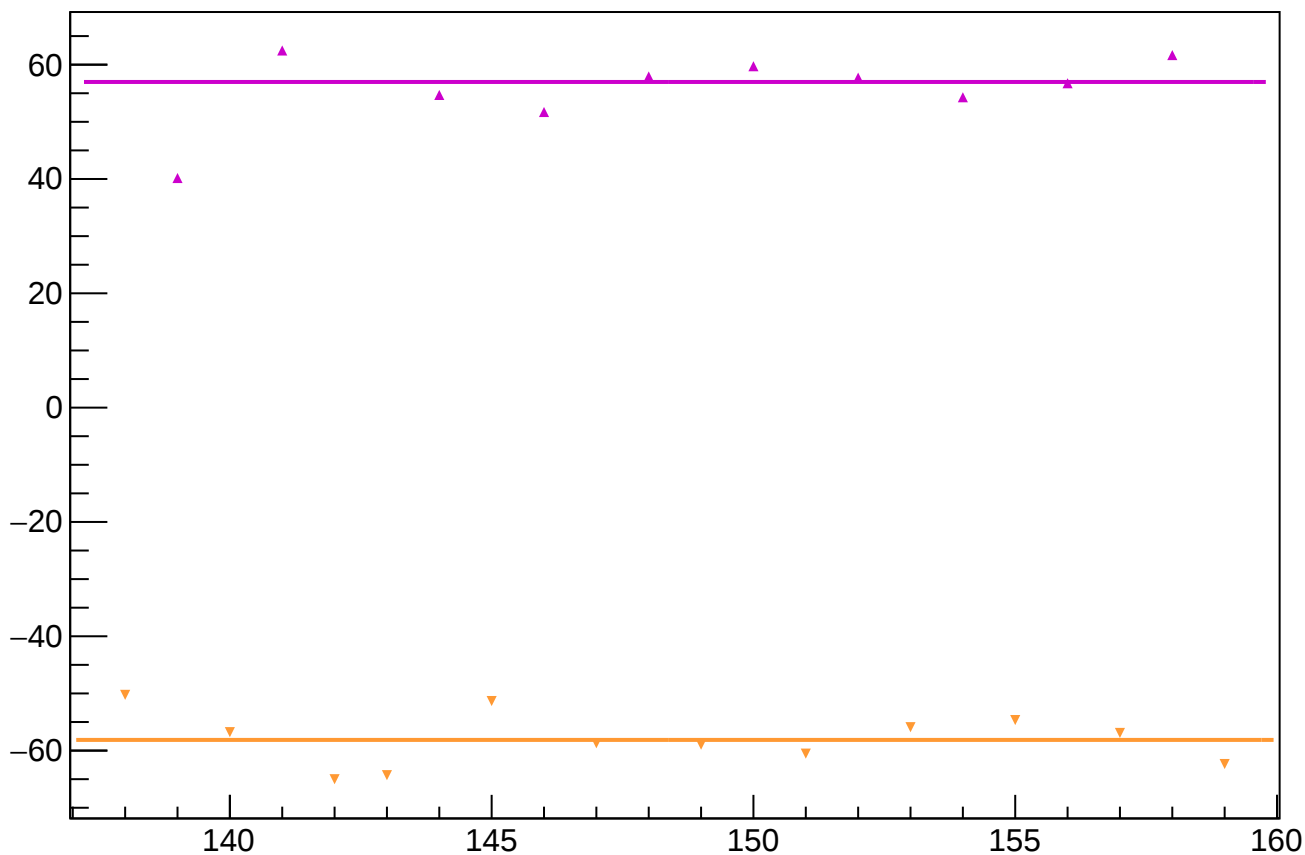
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 9.210 $\pm$ 0.116 χ^2 /NDF:2113.8/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -11.121 $\pm$ 0.120 χ^2 /NDF:639.9/9

9.210 $\pm$ 0.116 χ^2 /NDF: 2113.8/11
 -0.610 $\pm$ 0.083 χ^2 /NDF: 17612.0/21
 -11.121 $\pm$ 0.120 χ^2 /NDF: 639.9/9

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -58.130+/-0.097 χ^2/NDF : 1711.3/11

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

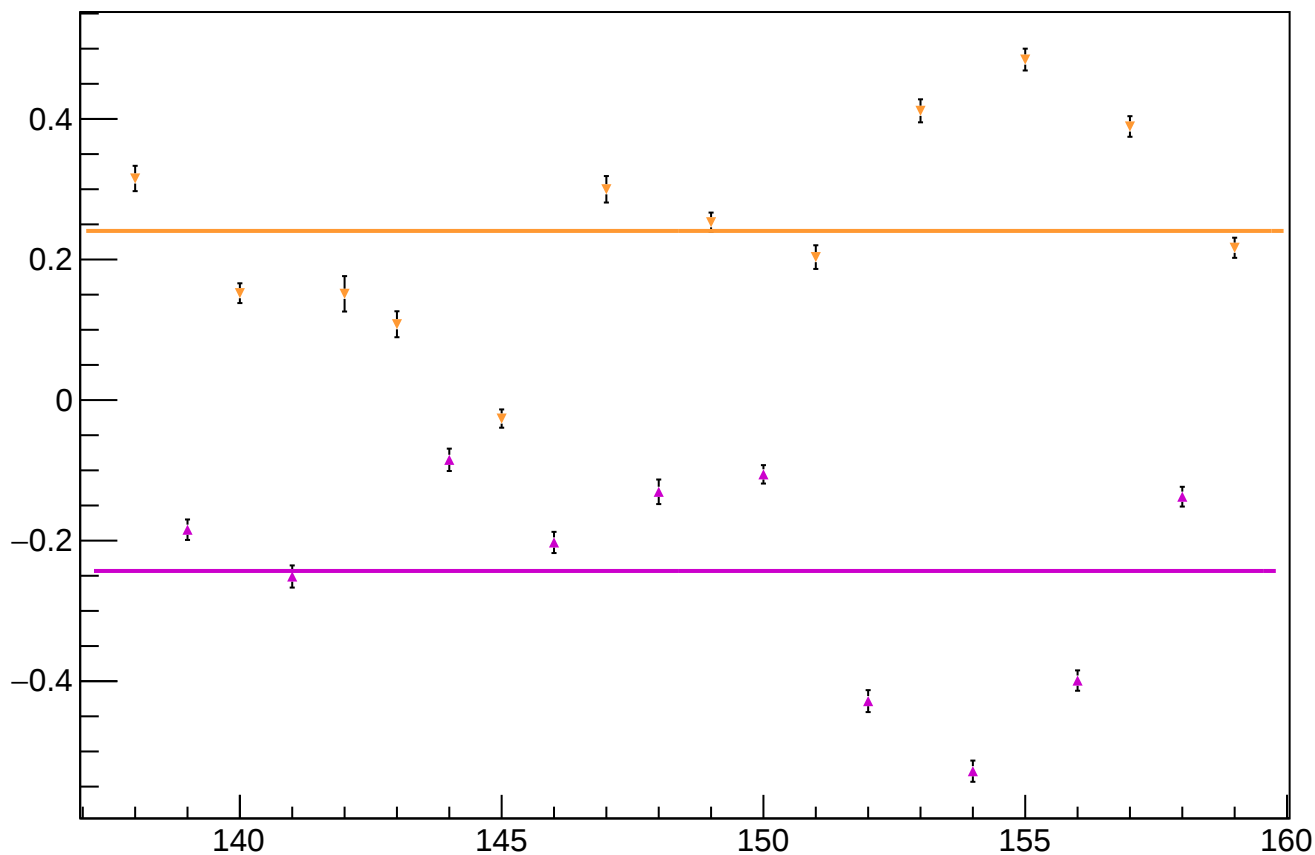
Left In: 56.974+/-0.102 χ^2/NDF : 1819.2/9

-58.130+/-0.097 χ^2/NDF : 1711.3/11

-3.263+/-0.070 χ^2/NDF : 675866.7/21

56.974+/-0.102 χ^2/NDF : 1819.2/9

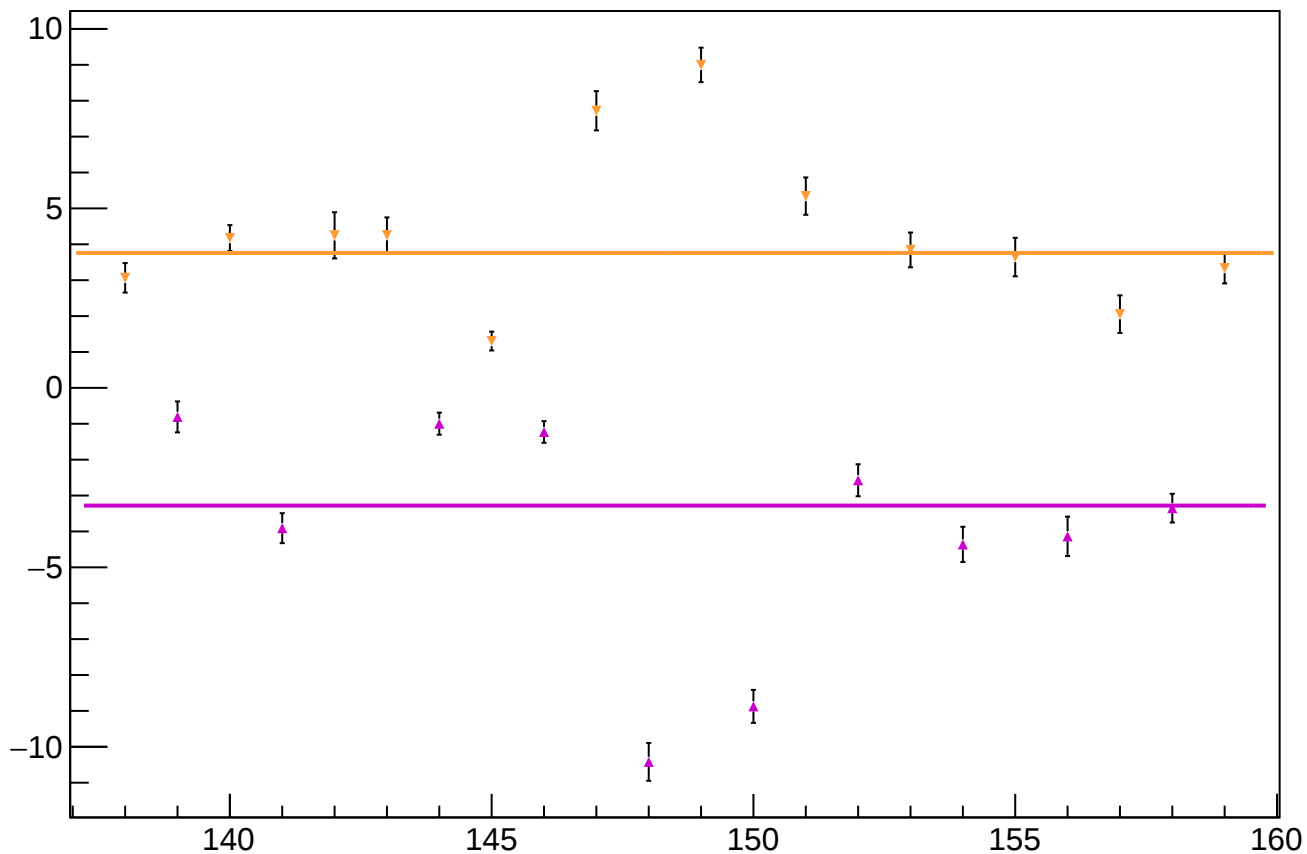
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.241 $\pm$ 0.005 χ^2 /NDF:1019.0/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.243 $\pm$ 0.005 χ^2 /NDF:943.3/9

0.241 $\pm$ 0.005 χ^2 /NDF: 1019.0/11
 0.007 $\pm$ 0.003 χ^2 /NDF: 7344.8/21
 -0.243 $\pm$ 0.005 χ^2 /NDF: 943.3/9

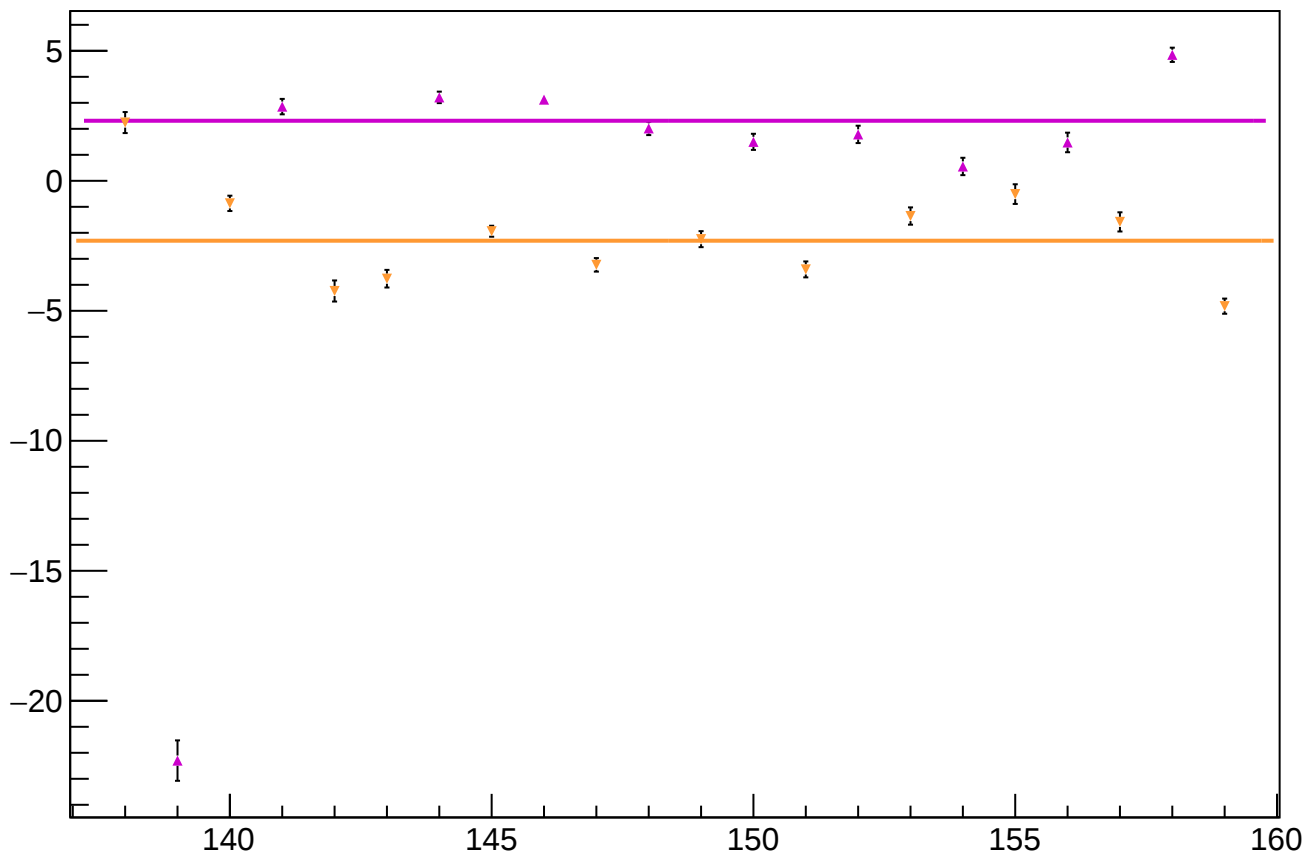
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.759 $\pm$ 0.126 χ^2 /NDF:285.2/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -3.280 $\pm$ 0.129 χ^2 /NDF:478.1/9

3.759 $\pm$ 0.126 χ^2 /NDF: 285.2/11
 0.328 $\pm$ 0.090 χ^2 /NDF: 2281.5/21
 -3.280 $\pm$ 0.129 χ^2 /NDF: 478.1/9

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: -2.304+/-0.089 χ^2/NDF : 329.1/11

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

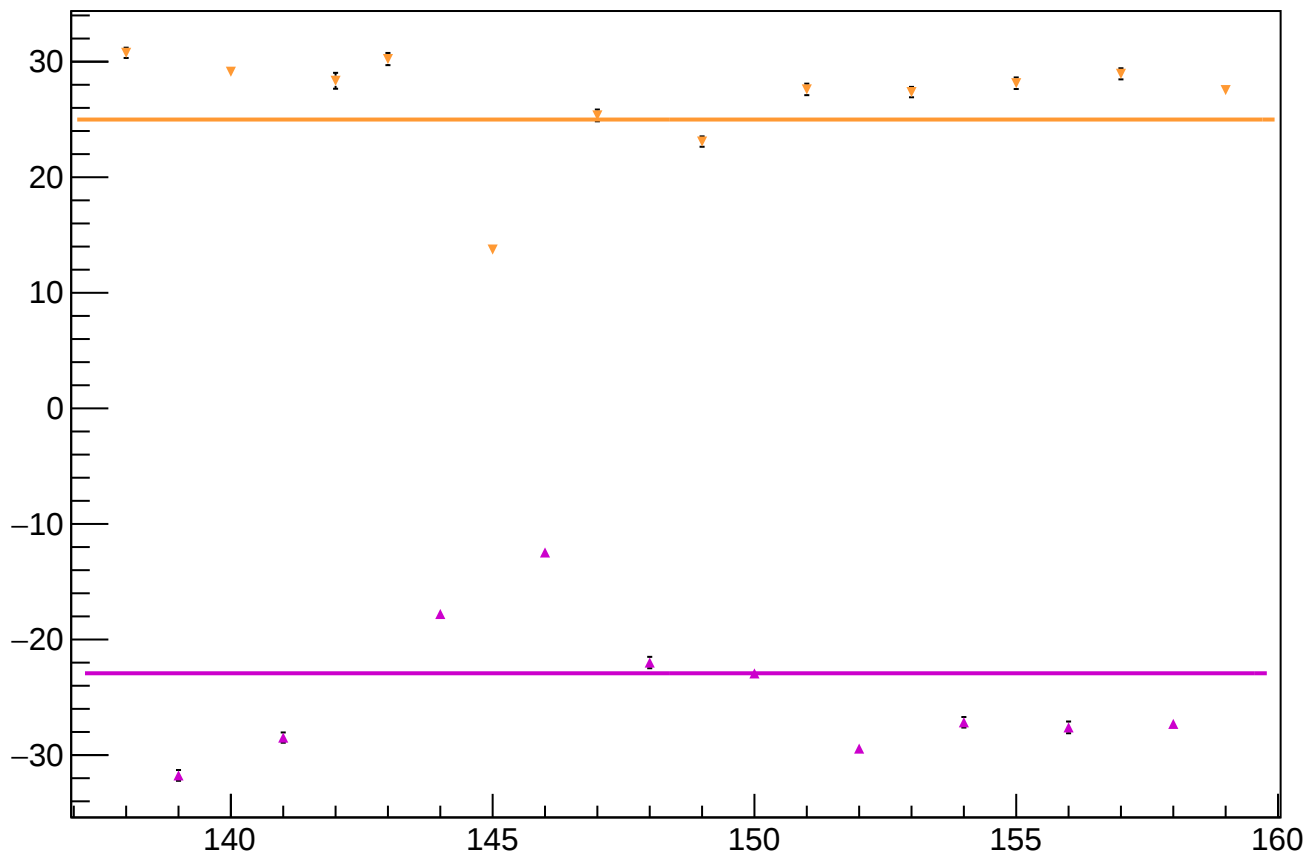
Left In: 2.310+/-0.090 χ^2/NDF : 1169.0/9

-2.304+/-0.089 χ^2/NDF : 329.1/11

-0.015+/-0.063 χ^2/NDF : 2827.1/21

2.310+/-0.090 χ^2/NDF : 1169.0/9

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: 24.992+/-0.126 χ^2/NDF : 2238.8/11

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

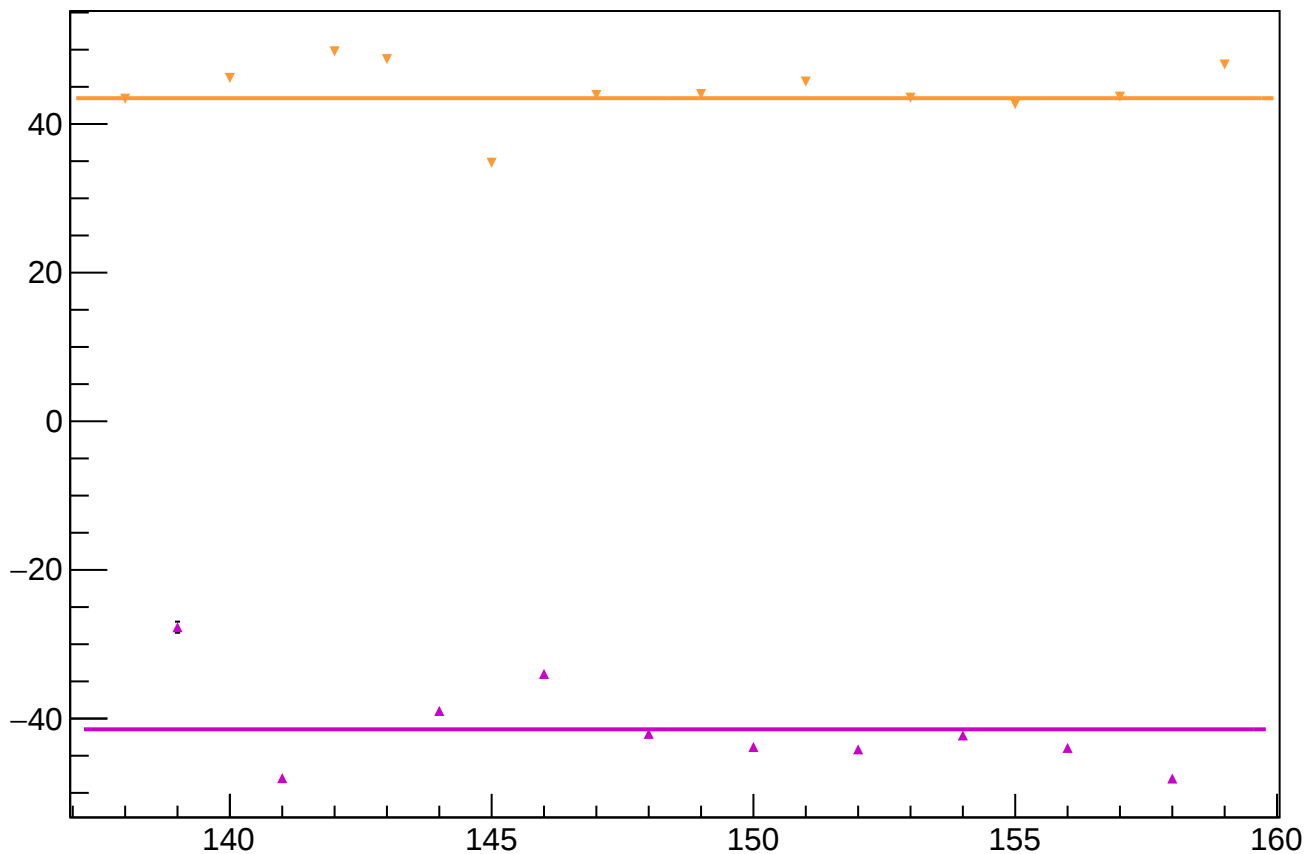
Left In: -22.921+/-0.127 χ^2/NDF : 2605.3/9

24.992+/-0.126 χ^2/NDF : 2238.8/11

1.224+/-0.090 χ^2/NDF : 76287.7/21

-22.921+/-0.127 χ^2/NDF : 2605.3/9

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 43.471+/-0.106 χ^2 /NDF:1914.5/11

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

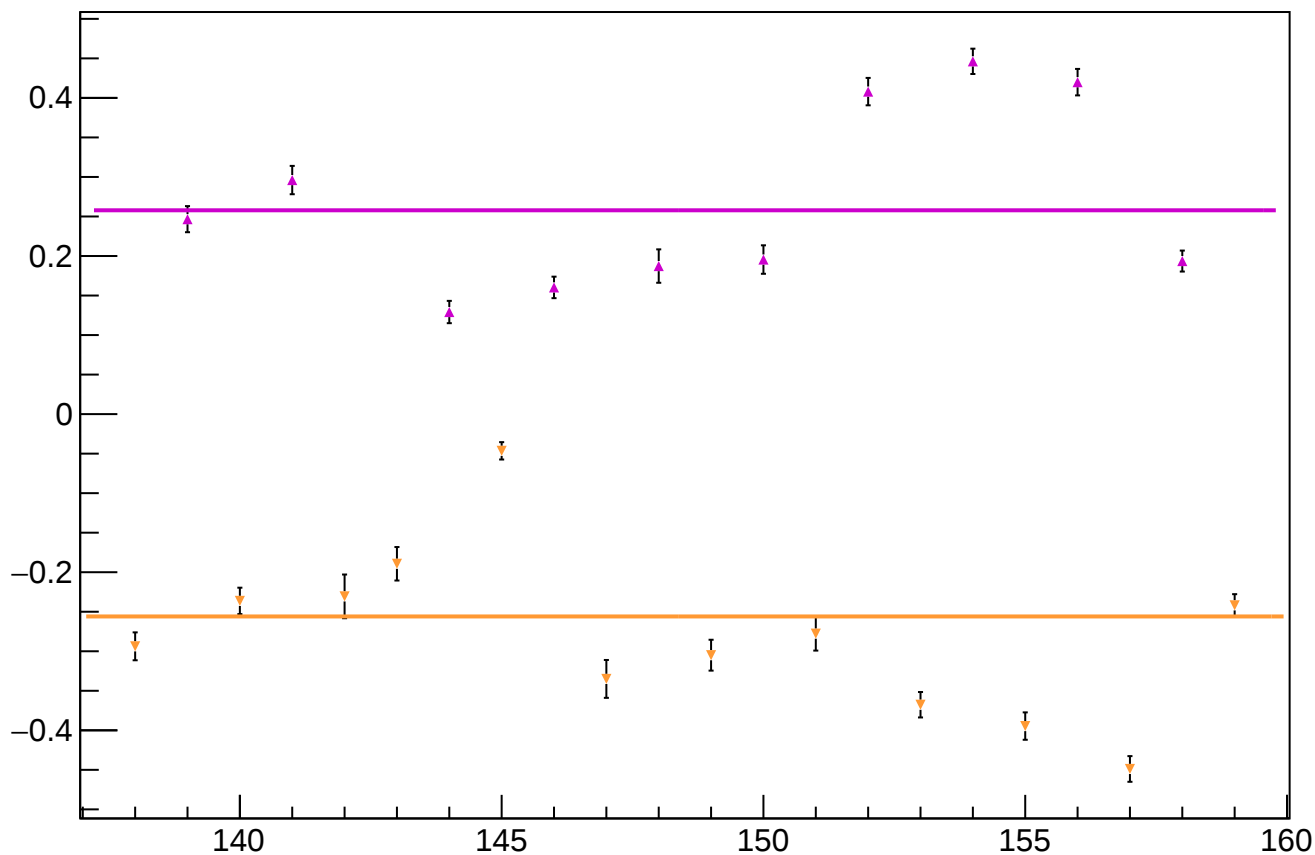
Left In: -41.449+/-0.107 χ^2 /NDF:2378.7/9

43.471+/-0.106 χ^2 /NDF: 1914.5/11

1.450+/-0.075 χ^2 /NDF: 323103.1/21

-41.449+/-0.107 χ^2 /NDF: 2378.7/9

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: -0.256+/-0.005 χ^2/NDF : 653.0/11

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

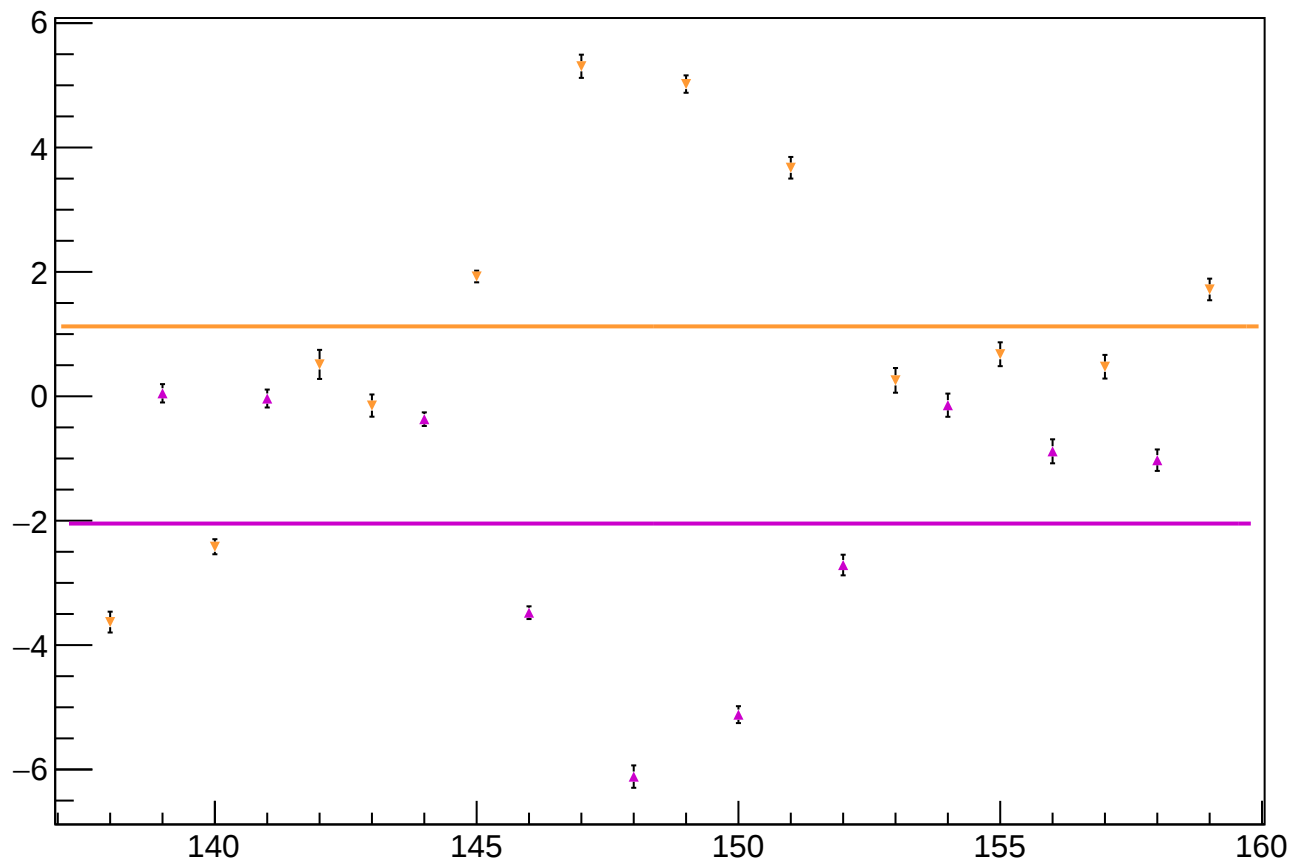
Left In: 0.258+/-0.005 χ^2/NDF : 493.2/9

-0.256+/-0.005 χ^2/NDF : 653.0/11

-0.006+/-0.004 χ^2/NDF : 6432.9/21

0.258+/-0.005 χ^2/NDF : 493.2/9

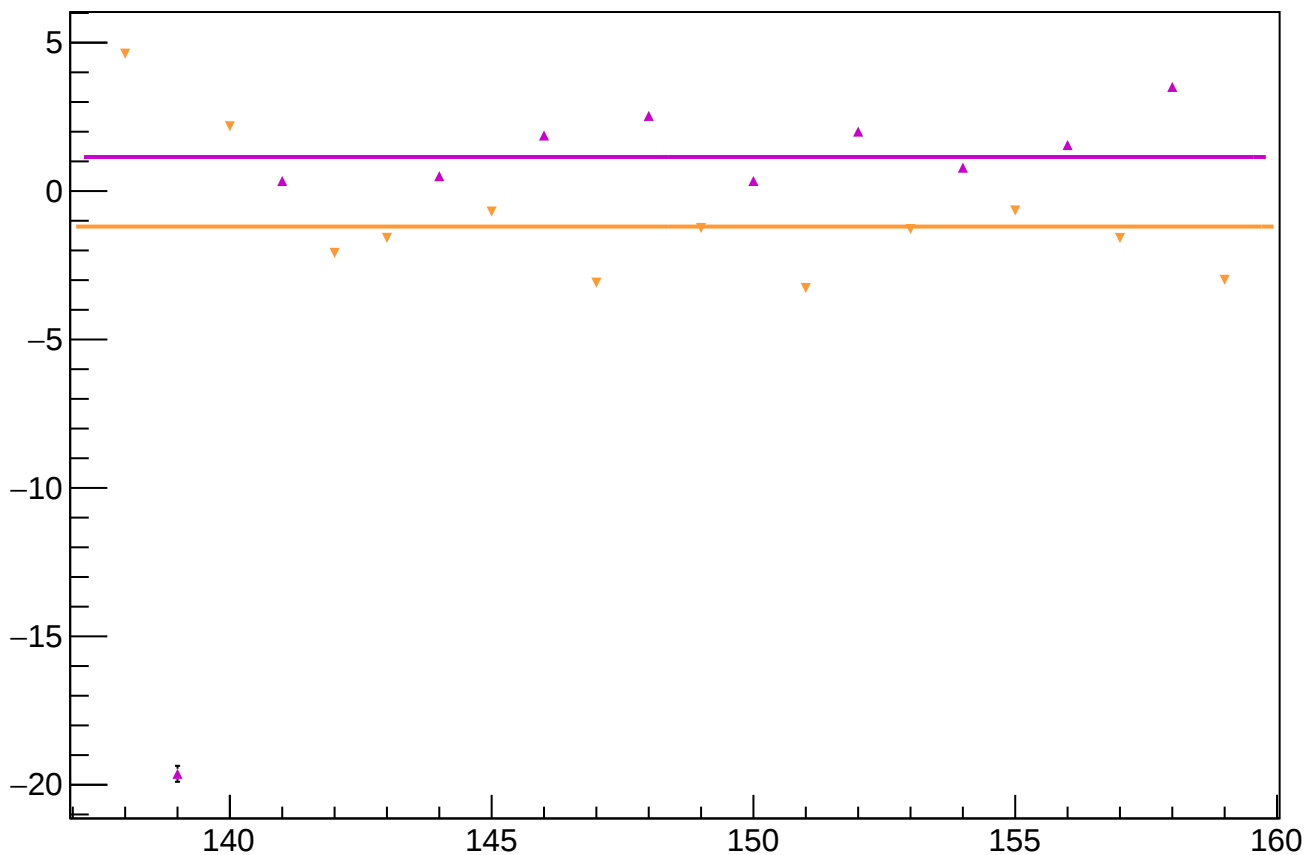
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 1.124 $\pm$ 0.045 χ^2 /NDF:3331.6/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -2.046 $\pm$ 0.045 χ^2 /NDF:2040.2/9

1.124 $\pm$ 0.045 χ^2 /NDF: 3331.6/11
 -0.446 $\pm$ 0.032 χ^2 /NDF: 7824.5/21
 -2.046 $\pm$ 0.045 χ^2 /NDF: 2040.2/9

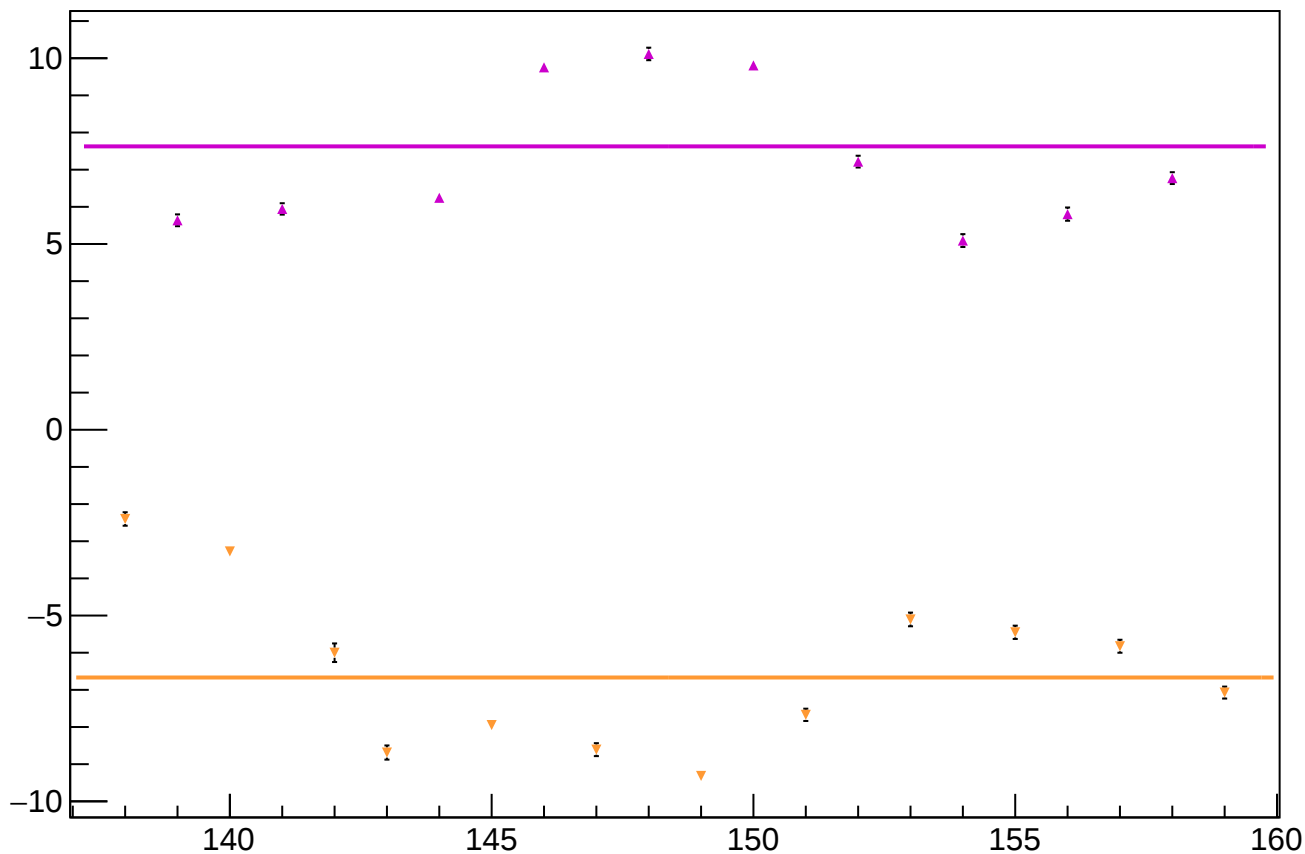
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -1.196 $\pm$ 0.032 χ^2/NDF : 3515.2/11
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 1.147 $\pm$ 0.032 χ^2/NDF : 6994.1/9

-1.196 $\pm$ 0.032 χ^2/NDF : 3515.2/11
 -0.024 $\pm$ 0.022 χ^2/NDF : 13234.0/21
 1.147 $\pm$ 0.032 χ^2/NDF : 6994.1/9

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -6.667+/-0.045 χ^2/NDF : 2245.5/11

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

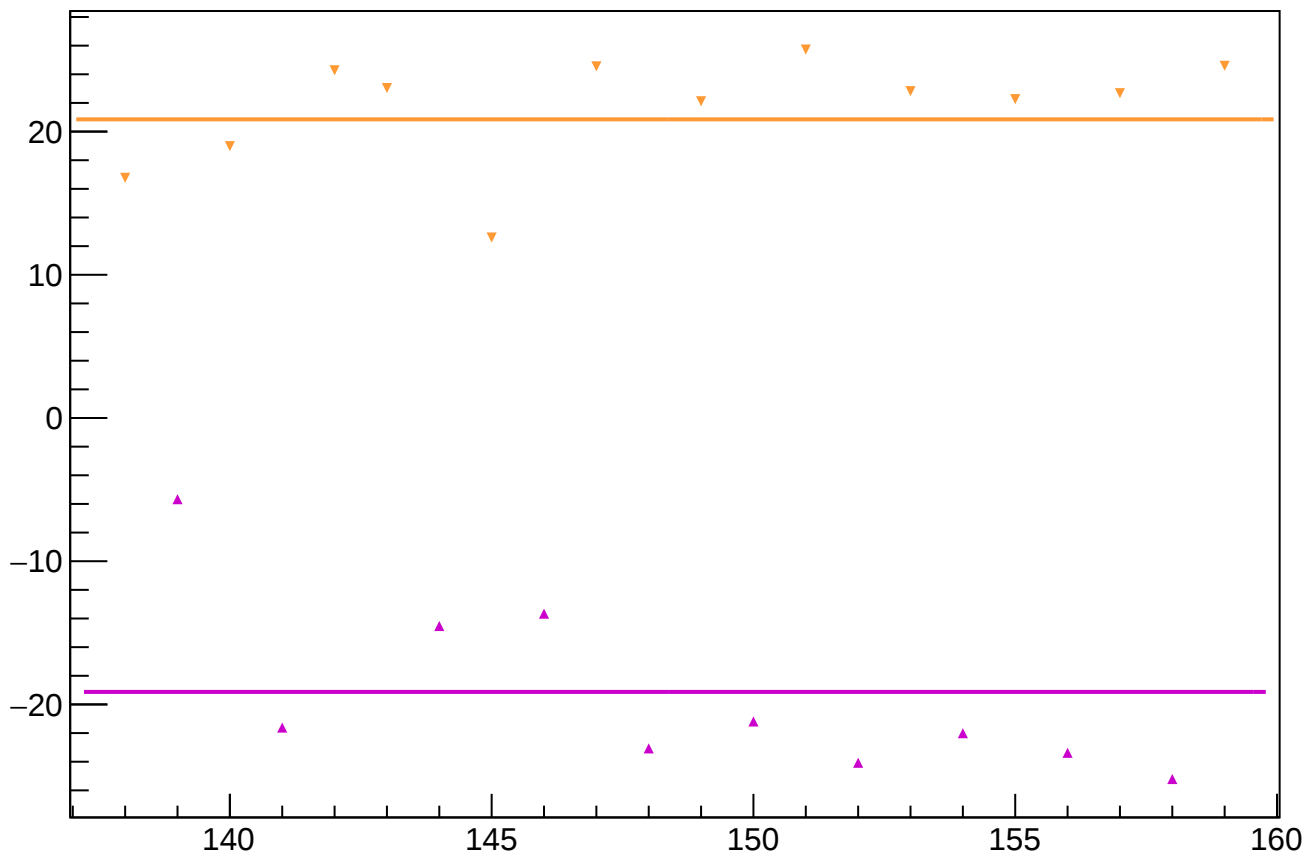
Left In: 7.627+/-0.045 χ^2/NDF : 1746.3/9

-6.667+/-0.045 χ^2/NDF : 2245.5/11

0.509+/-0.032 χ^2/NDF : 54679.7/21

7.627+/-0.045 χ^2/NDF : 1746.3/9

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 20.854+/-0.038 χ^2/NDF :13702.2/11

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

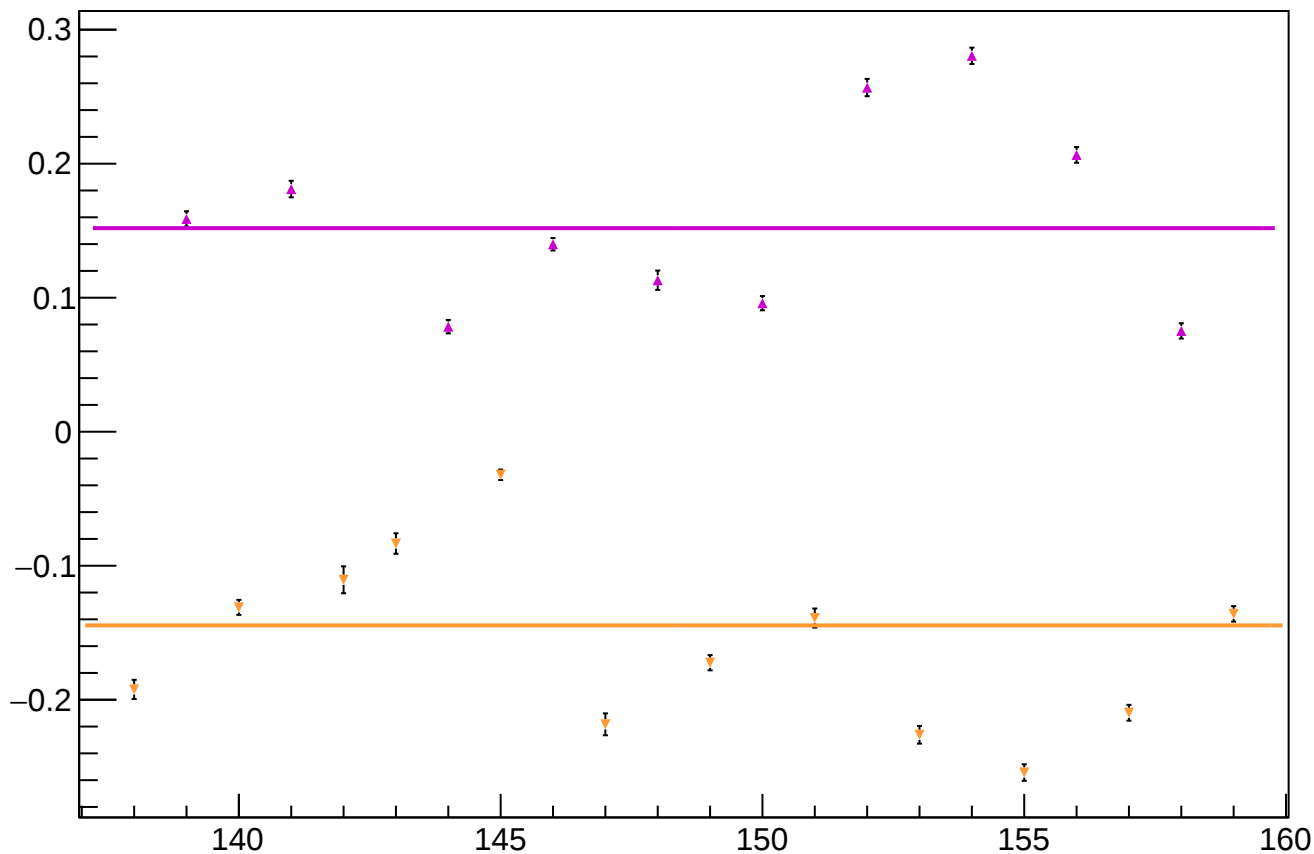
Left In: -19.126+/-0.038 χ^2/NDF :16016.5/9

20.854+/-0.038 χ^2/NDF : 13702.2/11

0.877+/-0.027 χ^2/NDF : 586956.9/21

-19.126+/-0.038 χ^2/NDF : 16016.5/9

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: -0.145+/-0.002 χ^2/NDF : 1653.1/11

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

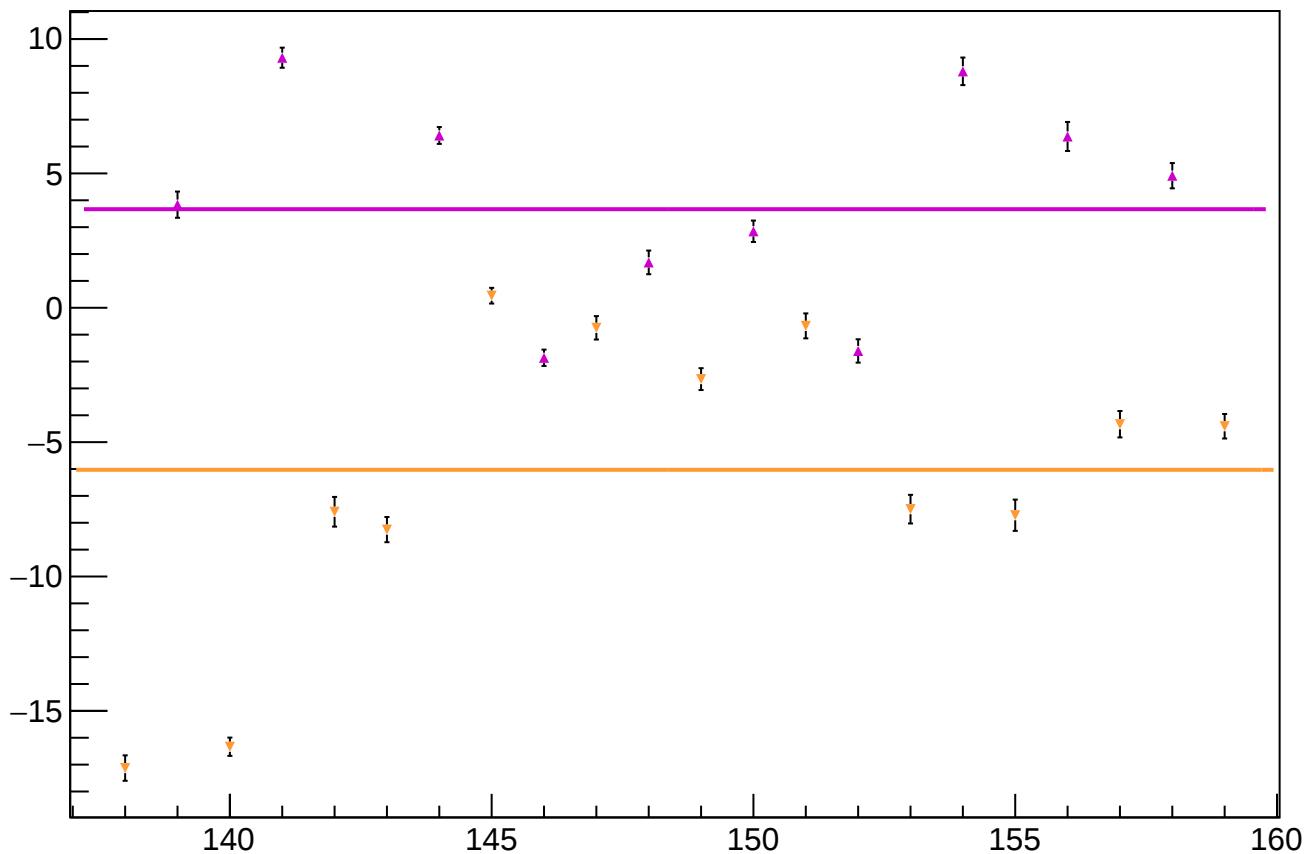
Left In: 0.152+/-0.002 χ^2/NDF : 1360.6/9

-0.145+/-0.002 χ^2/NDF : 1653.1/11

0.001+/-0.001 χ^2/NDF : 16744.5/21

0.152+/-0.002 χ^2/NDF : 1360.6/9

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -6.030+/-0.125 χ^2/NDF : 2380.6/11

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

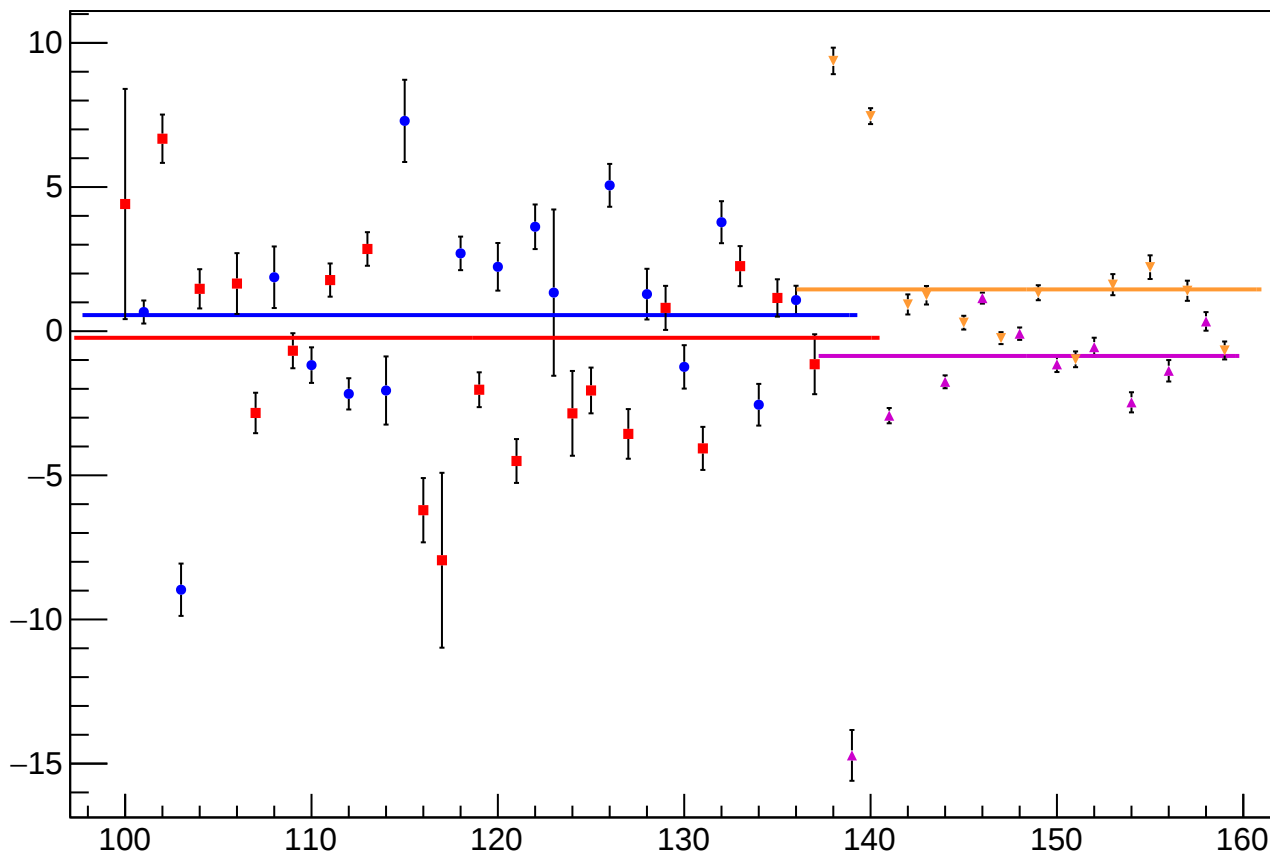
Left In: 3.668+/-0.128 χ^2/NDF : 939.6/9

-6.030+/-0.125 χ^2/NDF : 2380.6/11

-1.304+/-0.089 χ^2/NDF : 6255.9/21

3.668+/-0.128 χ^2/NDF : 939.6/9

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.558 ± 0.170 χ^2/NDF : 287.9/16

Left Out: 1.449 ± 0.086 χ^2/NDF : 992.2/11

Right Out: -0.230 ± 0.174 χ^2/NDF : 278.5/19

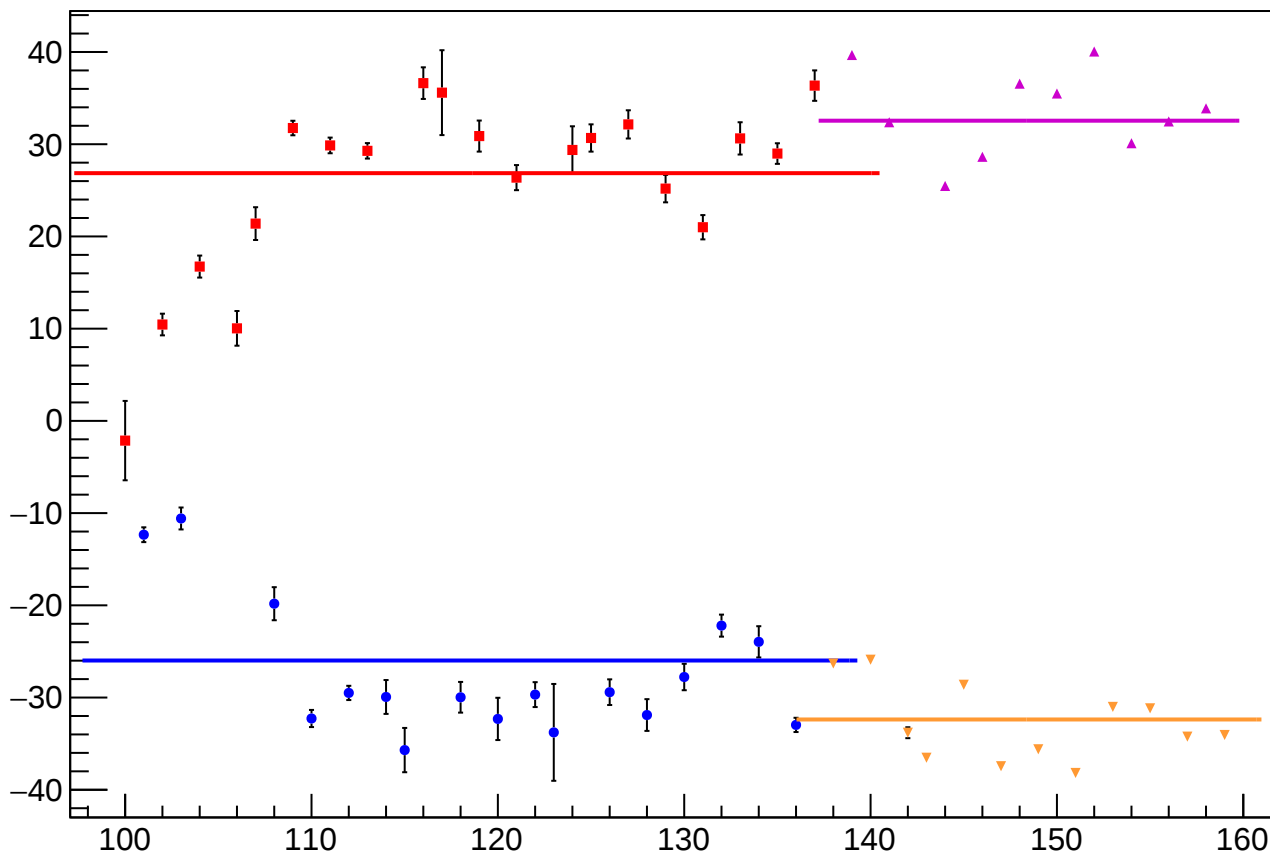
Left In: -0.859 ± 0.087 χ^2/NDF : 486.6/9

1.269 ± 0.076 χ^2/NDF : 1302.0/28

0.284 ± 0.054 χ^2/NDF : 2415.5/58

-0.734 ± 0.078 χ^2/NDF : 775.6/29

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.984 ± 0.300 χ^2/NDF : 691.5/16

Left Out: -32.378 ± 0.124 χ^2/NDF : 1126.8/11

Right Out: 26.861 ± 0.297 χ^2/NDF : 585.2/19

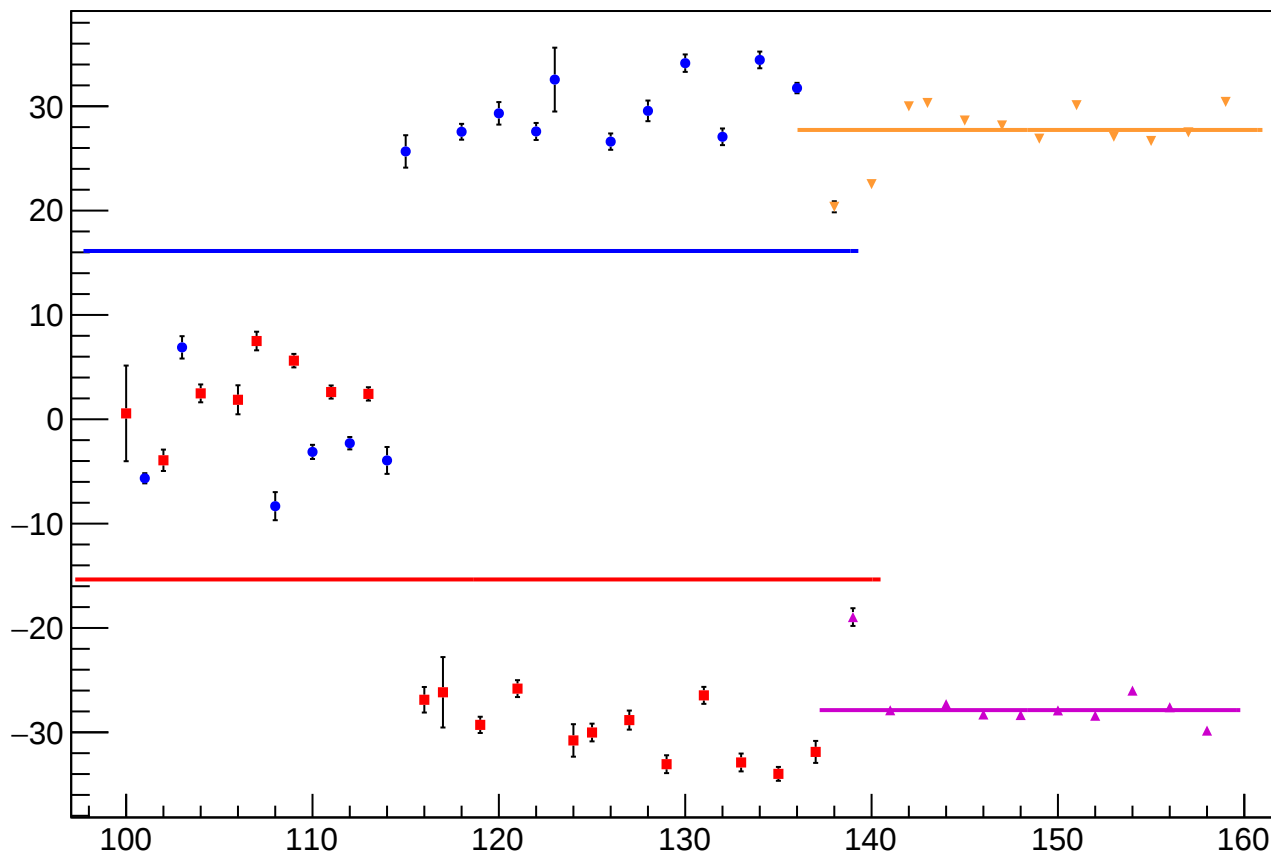
Left In: 32.550 ± 0.126 χ^2/NDF : 1323.8/9

-31.444 ± 0.115 χ^2/NDF : 2205.0/28

-0.173 ± 0.082 χ^2/NDF : 154082.1/58

31.684 ± 0.116 χ^2/NDF : 2220.0/29

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.129 ± 0.192 $\chi^2/\text{NDF}: 7572.5/16$

Left Out: 27.729 ± 0.103 $\chi^2/\text{NDF}: 648.2/11$

Right Out: -15.352 ± 0.197 $\chi^2/\text{NDF}: 7288.4/19$

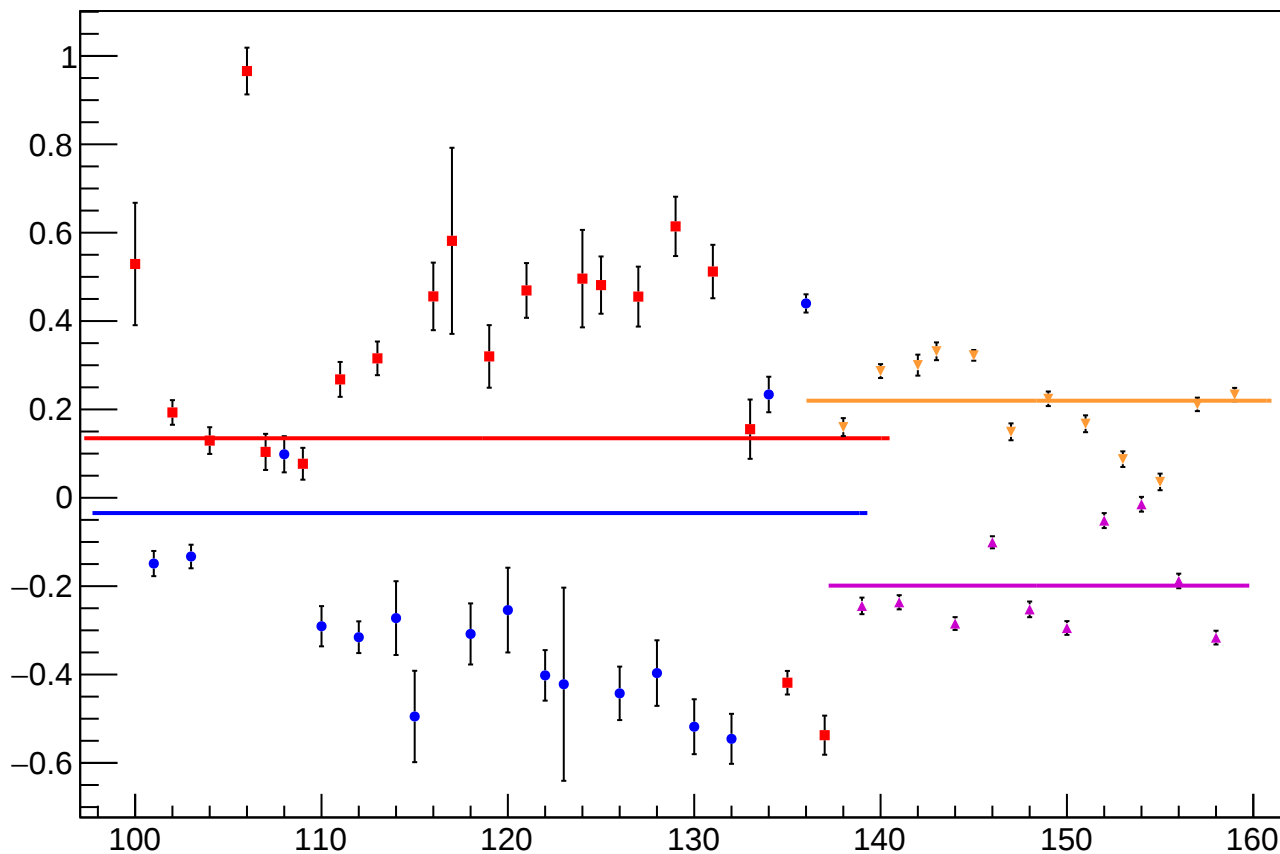
Left In: -27.873 ± 0.105 $\chi^2/\text{NDF}: 177.6/9$

25.138 ± 0.091 $\chi^2/\text{NDF}: 11053.8/28$

0.450 ± 0.065 $\chi^2/\text{NDF}: 172248.4/58$

-25.112 ± 0.092 $\chi^2/\text{NDF}: 10625.1/29$

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.035 ± 0.010 $\chi^2/\text{NDF}: 1011.6/16$

Left Out: 0.220 ± 0.005 $\chi^2/\text{NDF}: 314.9/11$

Right Out: 0.135 ± 0.010 $\chi^2/\text{NDF}: 1166.4/19$

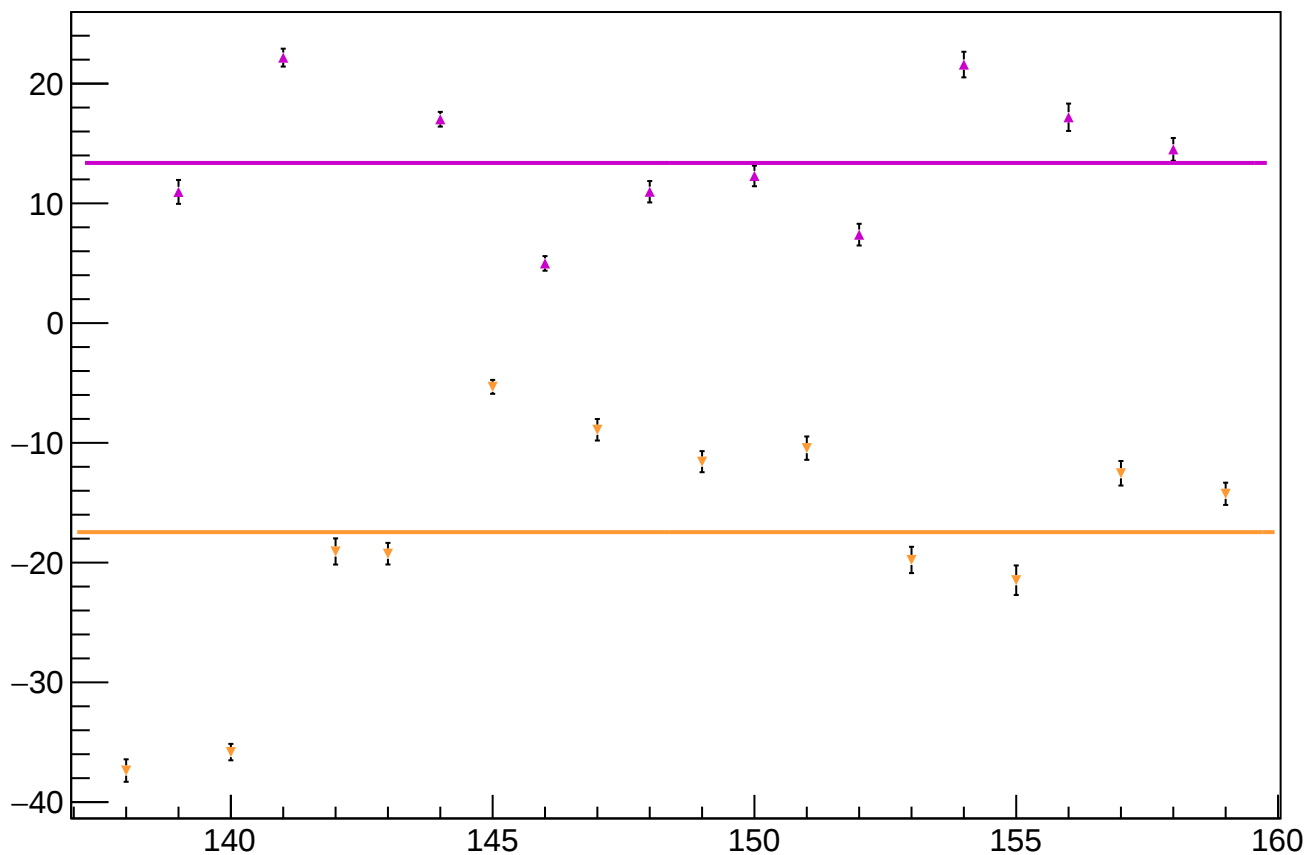
Left In: -0.199 ± 0.005 $\chi^2/\text{NDF}: 398.9/9$

0.173 ± 0.004 $\chi^2/\text{NDF}: 1820.3/28$

0.023 ± 0.003 $\chi^2/\text{NDF}: 6555.7/58$

-0.134 ± 0.005 $\chi^2/\text{NDF}: 2401.5/29$

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -17.454+/-0.254 χ^2/NDF : 1847.2/11

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

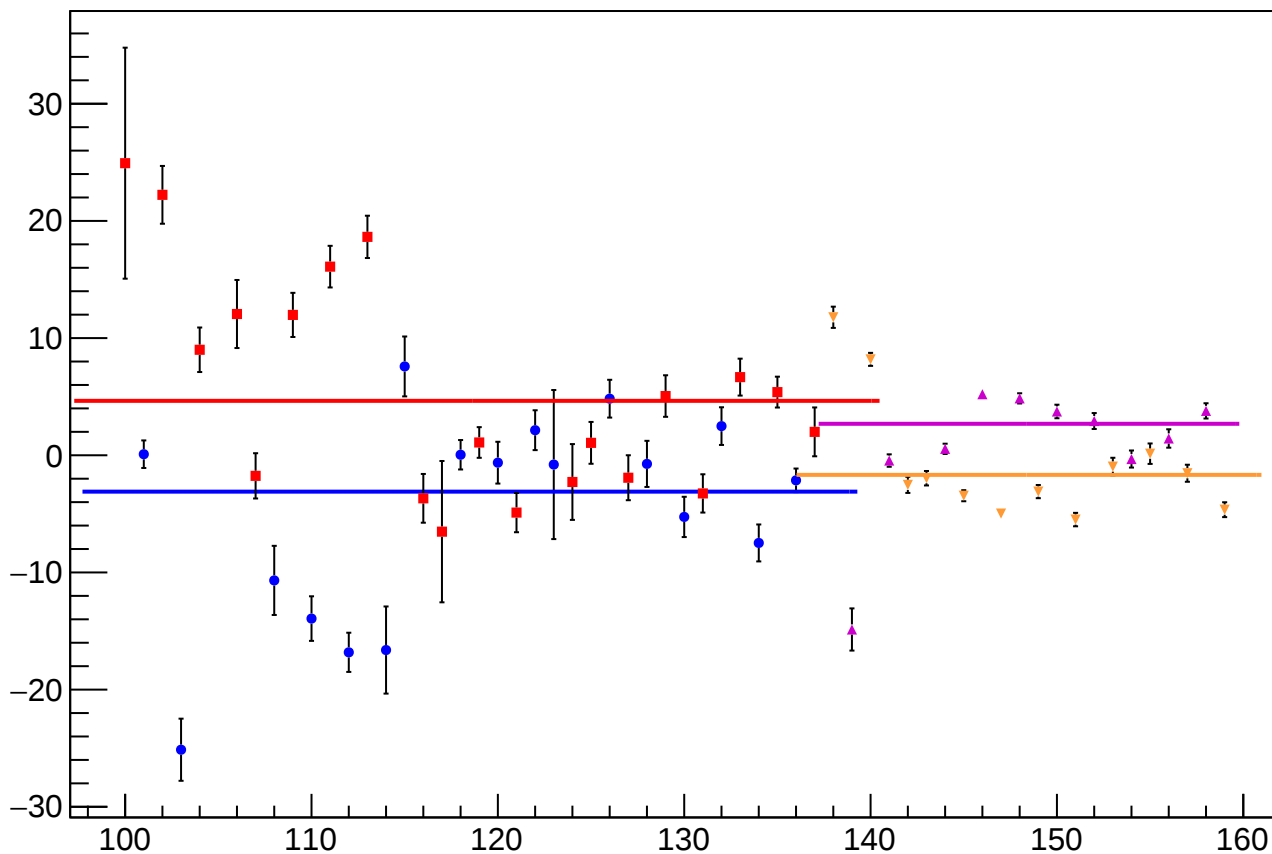
Left In: 13.376+/-0.261 χ^2/NDF : 491.9/9

-17.454+/-0.254 χ^2/NDF : 1847.2/11

-2.443+/-0.182 χ^2/NDF : 9498.6/21

13.376+/-0.261 χ^2/NDF : 491.9/9

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.104 ± 0.411 χ^2/NDF : 279.1/16

Left Out: -1.672 ± 0.175 χ^2/NDF : 689.1/11

Right Out: 4.645 ± 0.425 χ^2/NDF : 301.1/19

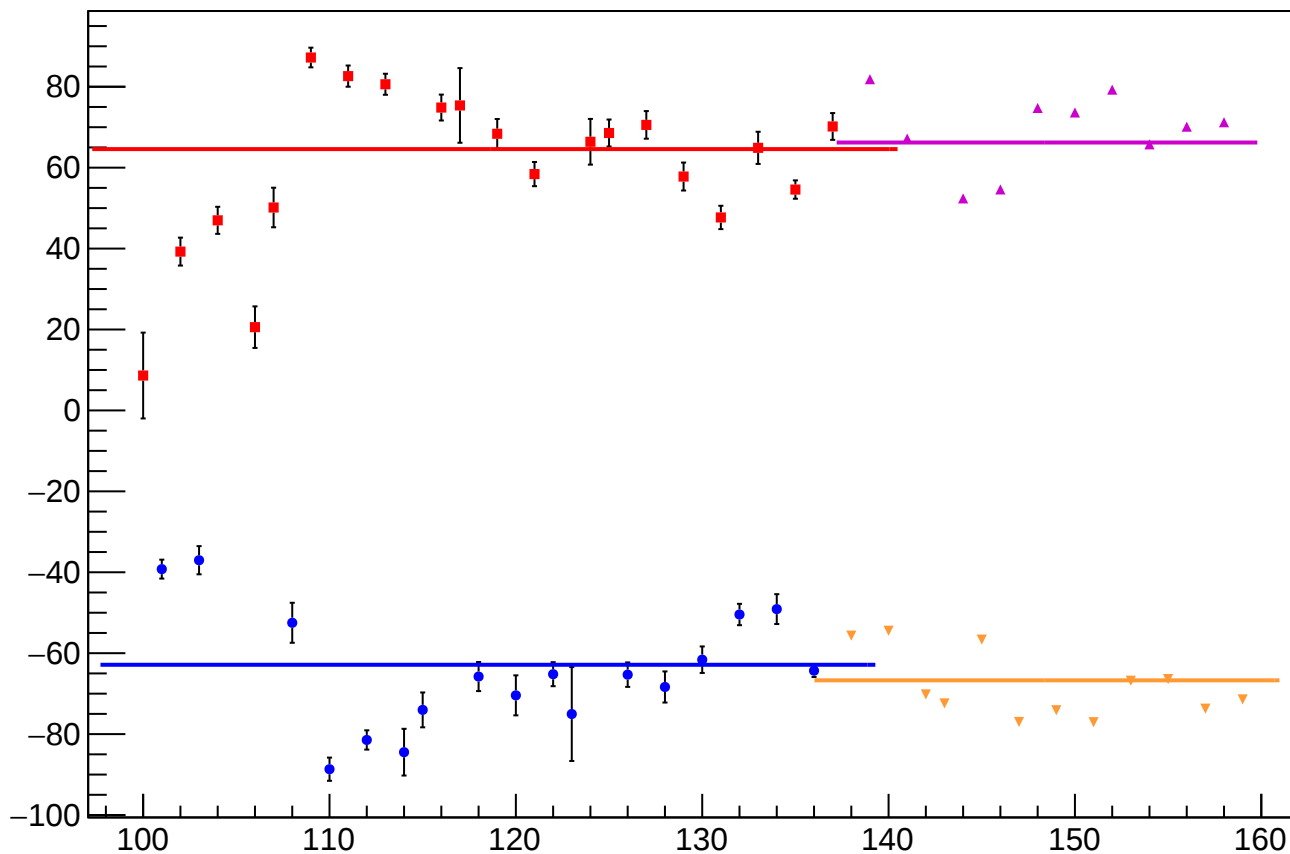
Left In: 2.687 ± 0.176 χ^2/NDF : 249.3/9

-1.891 ± 0.161 χ^2/NDF : 978.5/28

0.514 ± 0.114 χ^2/NDF : 2000.2/58

2.972 ± 0.162 χ^2/NDF : 568.5/29

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.863 ± 0.741 χ^2/NDF : 368.7/16

Left Out: -66.713 ± 0.254 χ^2/NDF : 1150.1/11

Right Out: 64.588 ± 0.749 χ^2/NDF : 445.6/19

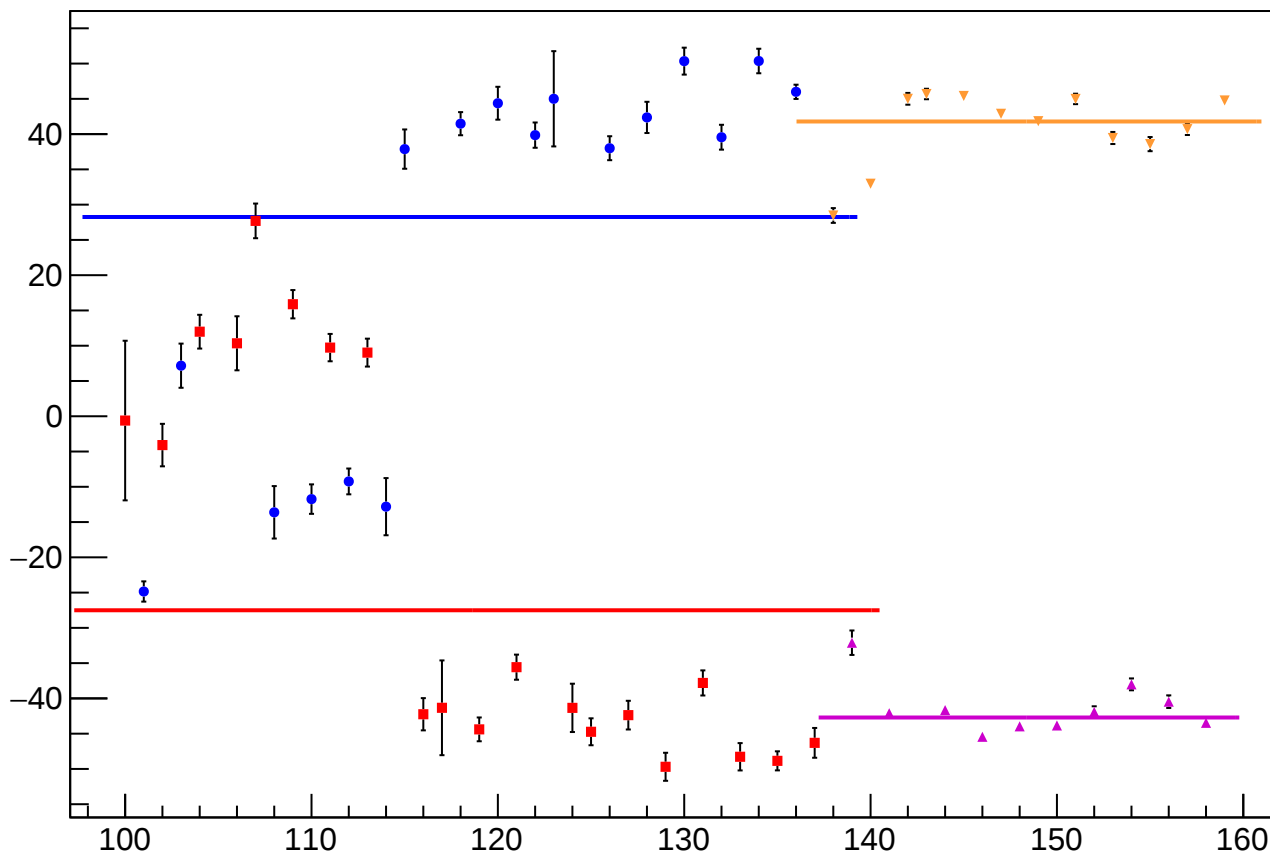
Left In: 66.216 ± 0.257 χ^2/NDF : 1504.1/9

-66.308 ± 0.240 χ^2/NDF : 1543.0/28

-0.932 ± 0.171 χ^2/NDF : 153553.0/58

66.044 ± 0.243 χ^2/NDF : 1954.0/29

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.250 ± 0.460 $\chi^2/\text{NDF}: 3319.5/16$

Left Out: 41.790 ± 0.210 $\chi^2/\text{NDF}: 482.1/11$

Right Out: -27.505 ± 0.478 $\chi^2/\text{NDF}: 3036.7/19$

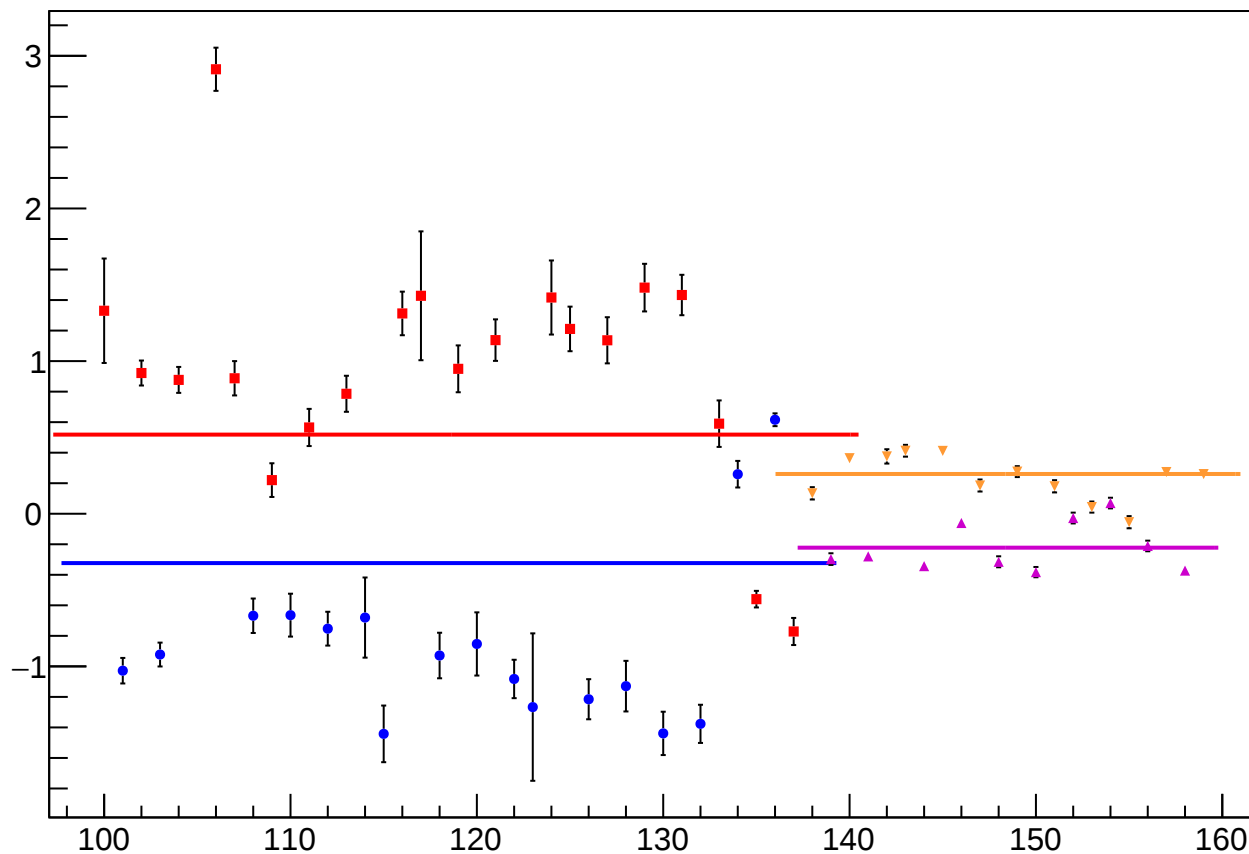
Left In: -42.709 ± 0.213 $\chi^2/\text{NDF}: 122.0/9$

39.454 ± 0.191 $\chi^2/\text{NDF}: 4518.2/28$

0.267 ± 0.136 $\chi^2/\text{NDF}: 93968.4/58$

-40.194 ± 0.194 $\chi^2/\text{NDF}: 4004.5/29$

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.323 ± 0.025 χ^2/NDF : 1010.8/16

Left Out: 0.261 ± 0.010 χ^2/NDF : 187.1/11

Right Out: 0.518 ± 0.026 χ^2/NDF : 1165.5/19

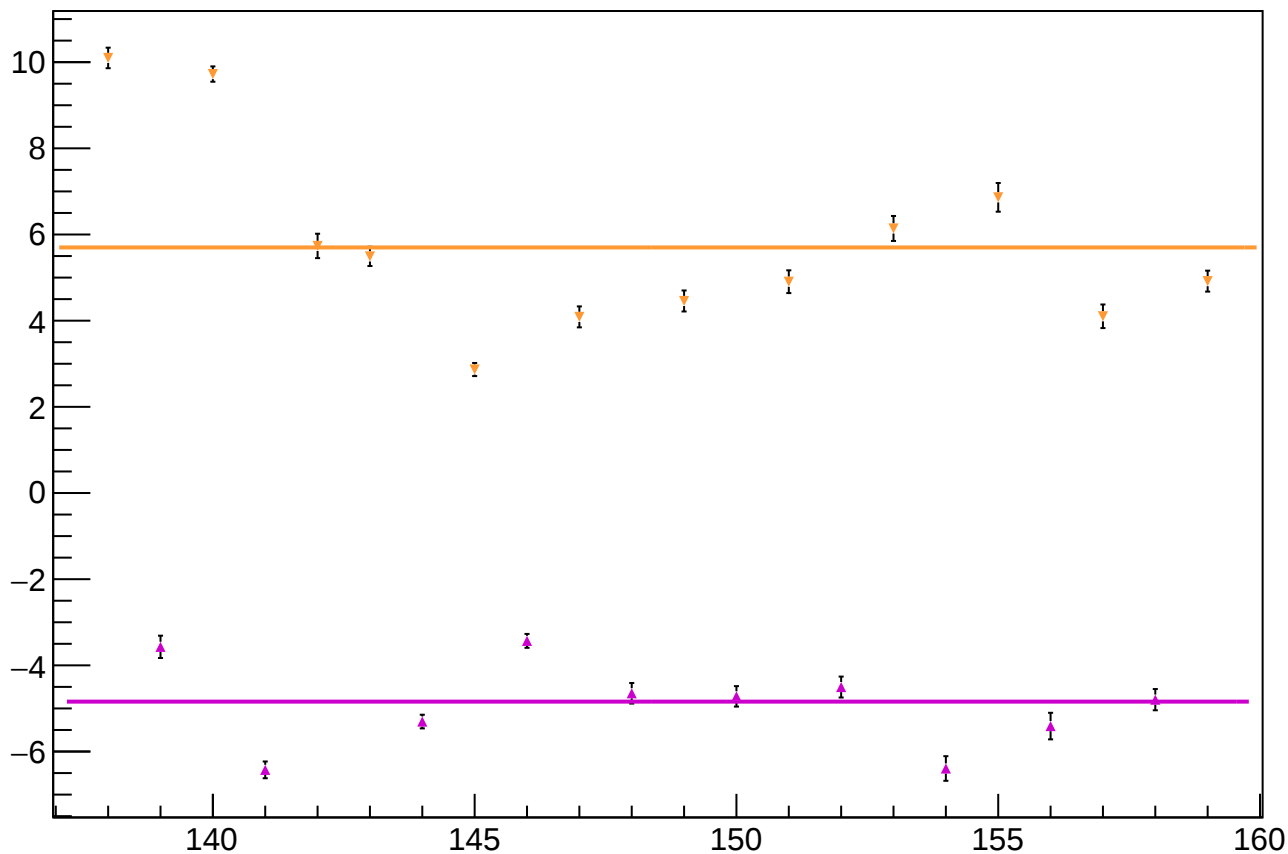
Left In: -0.222 ± 0.010 χ^2/NDF : 212.0/9

0.179 ± 0.009 χ^2/NDF : 1668.7/28

0.035 ± 0.007 χ^2/NDF : 4255.0/58

-0.119 ± 0.010 χ^2/NDF : 2091.6/29

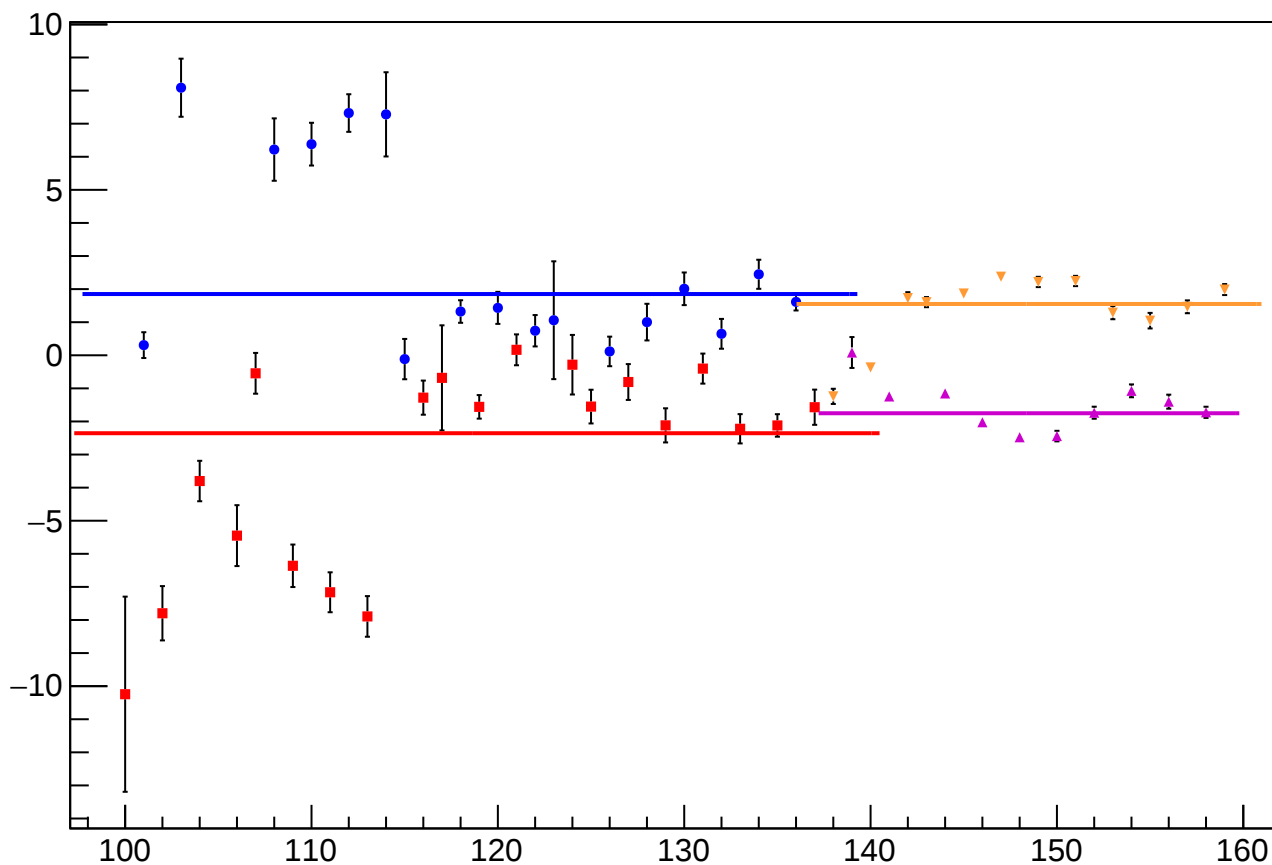
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.700+/-0.067 χ^2/NDF :1337.0/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.842+/-0.069 χ^2/NDF :211.3/9

5.700+/-0.067 χ^2/NDF : 1337.0/11
 0.586+/-0.048 χ^2/NDF : 13624.2/21
 -4.842+/-0.069 χ^2/NDF : 211.3/9

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.851 ± 0.117 χ^2/NDF : 294.2/16

Left Out: 1.551 ± 0.046 χ^2/NDF : 435.2/11

Right Out: -2.355 ± 0.122 χ^2/NDF : 337.4/19

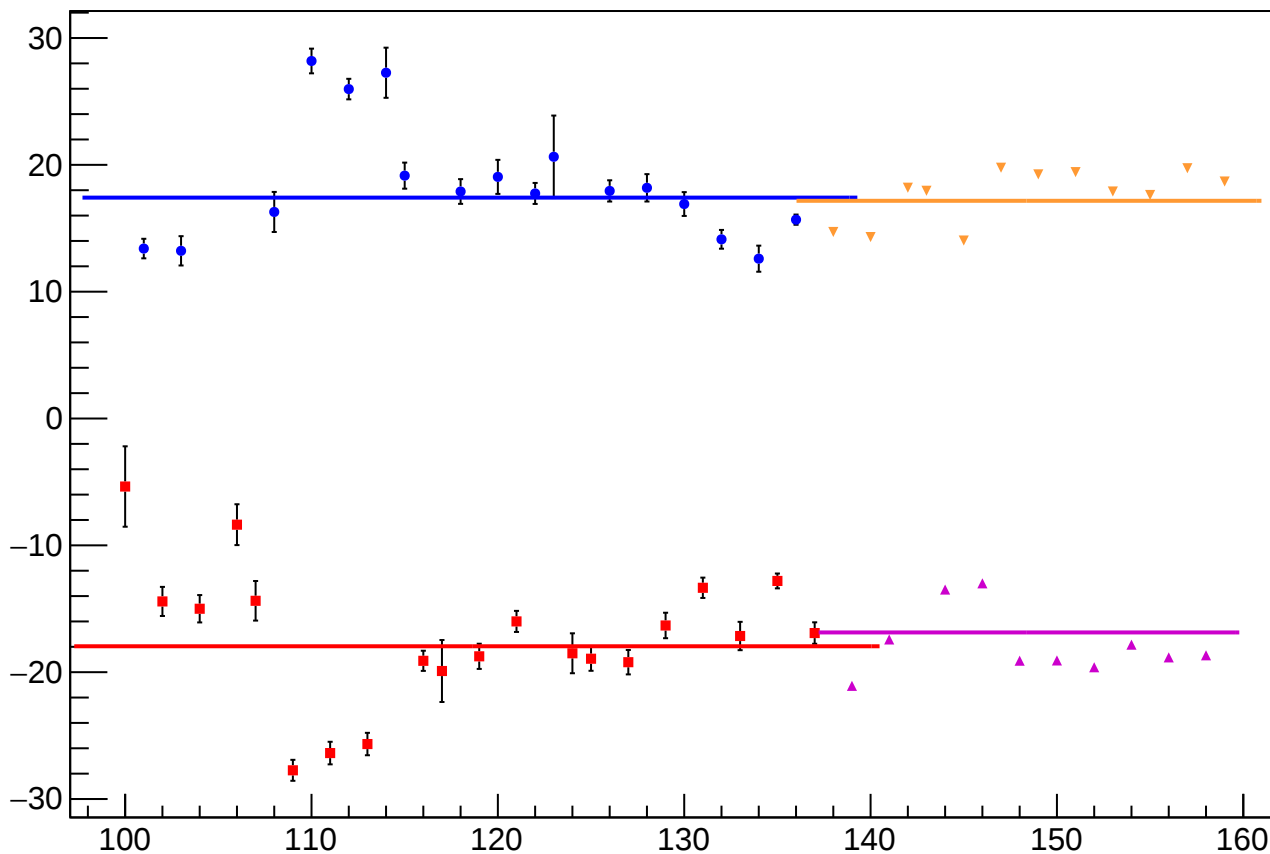
Left In: -1.752 ± 0.046 χ^2/NDF : 137.4/9

1.591 ± 0.043 χ^2/NDF : 735.1/28

-0.103 ± 0.030 χ^2/NDF : 4381.6/58

-1.827 ± 0.043 χ^2/NDF : 496.1/29

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.417 ± 0.213 χ^2/NDF : 367.0/16

Left Out: 17.165 ± 0.067 χ^2/NDF : 1170.2/11

Right Out: -17.957 ± 0.218 χ^2/NDF : 506.2/19

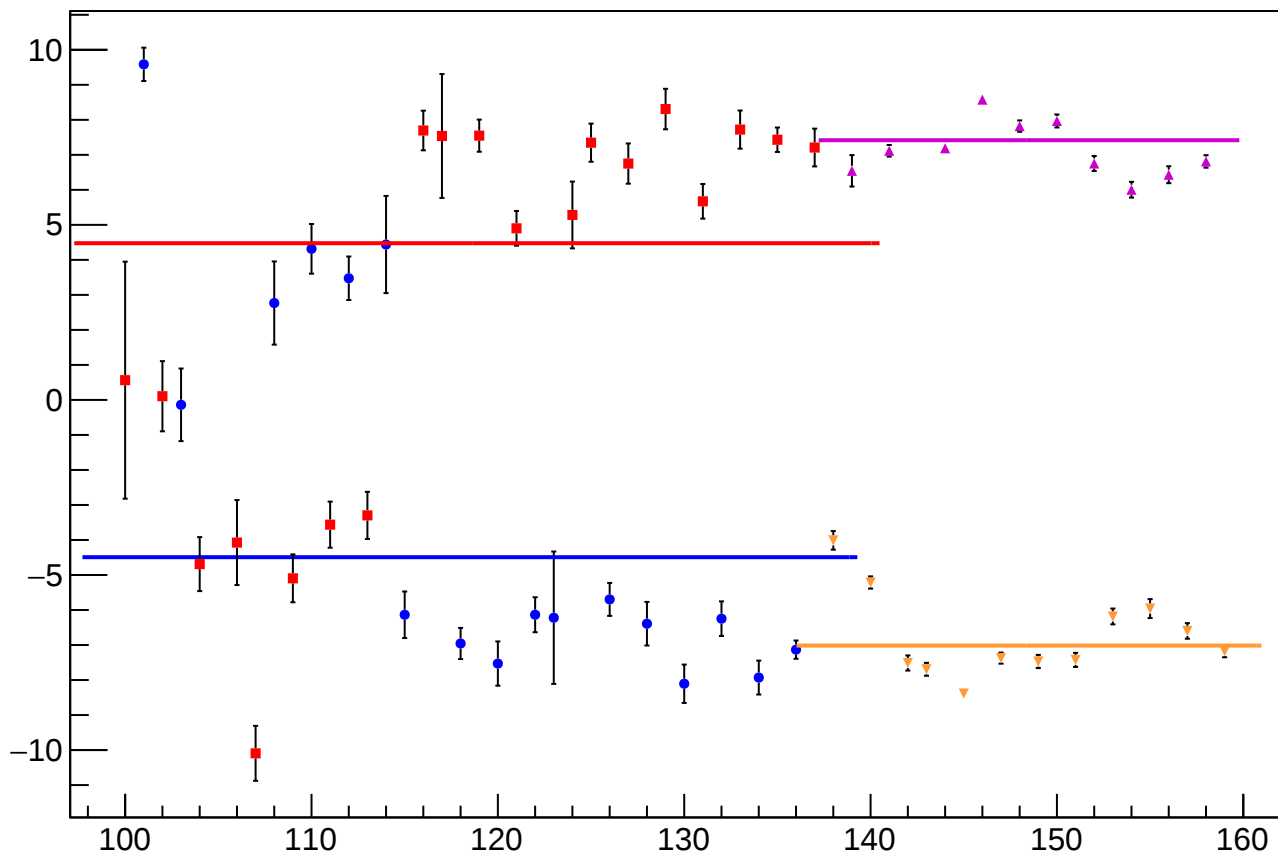
Left In: -16.867 ± 0.068 χ^2/NDF : 1715.6/9

17.188 ± 0.064 χ^2/NDF : 1538.5/28

0.374 ± 0.045 χ^2/NDF : 144722.2/58

-16.963 ± 0.065 χ^2/NDF : 2244.6/29

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.491 ± 0.130 χ^2/NDF : 1585.4/16

Left Out: -7.016 ± 0.055 χ^2/NDF : 394.7/11

Right Out: 4.476 ± 0.137 χ^2/NDF : 1342.0/19

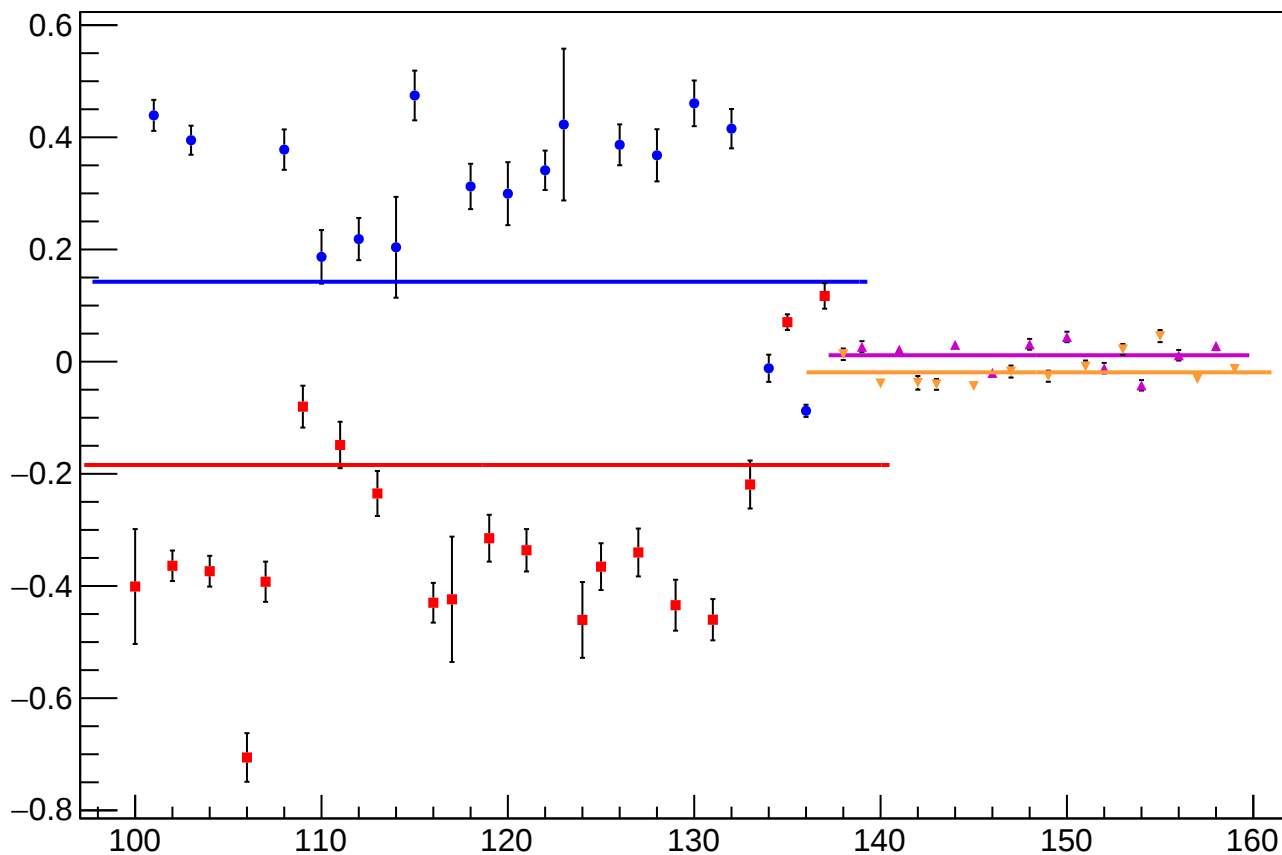
Left In: 7.418 ± 0.056 χ^2/NDF : 189.4/9

-6.630 ± 0.051 χ^2/NDF : 2297.4/28

0.070 ± 0.036 χ^2/NDF : 39340.9/58

6.994 ± 0.052 χ^2/NDF : 1928.2/29

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.142 ± 0.007 $\chi^2/\text{NDF}: 1058.8/16$

Left Out: -0.019 ± 0.003 $\chi^2/\text{NDF}: 95.7/11$

Right Out: -0.184 ± 0.007 $\chi^2/\text{NDF}: 1005.5/19$

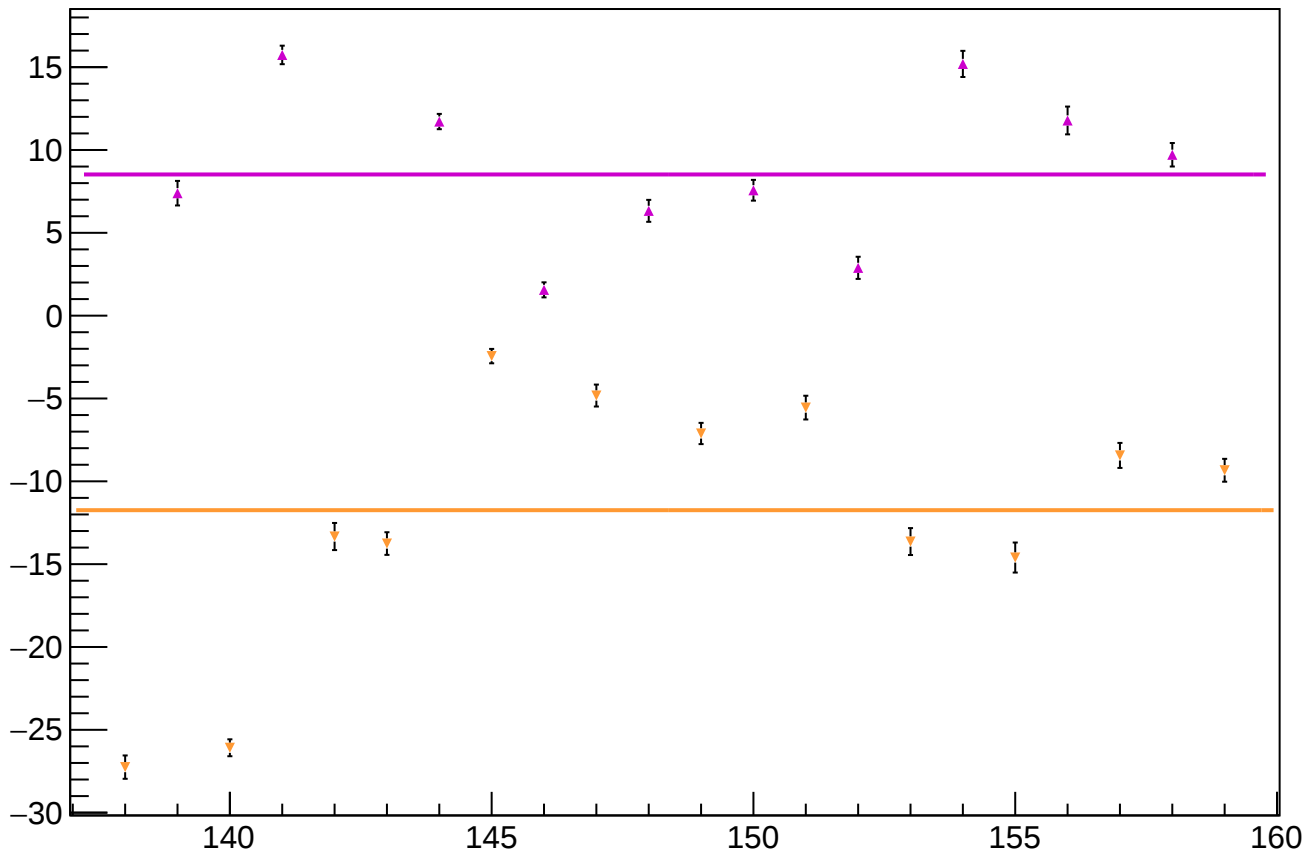
Left In: 0.011 ± 0.003 $\chi^2/\text{NDF}: 88.7/9$

0.001 ± 0.002 $\chi^2/\text{NDF}: 1612.2/28$

-0.005 ± 0.002 $\chi^2/\text{NDF}: 3335.8/58$

-0.012 ± 0.003 $\chi^2/\text{NDF}: 1710.3/29$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -11.742+/-0.189 χ^2/NDF : 2027.5/11

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

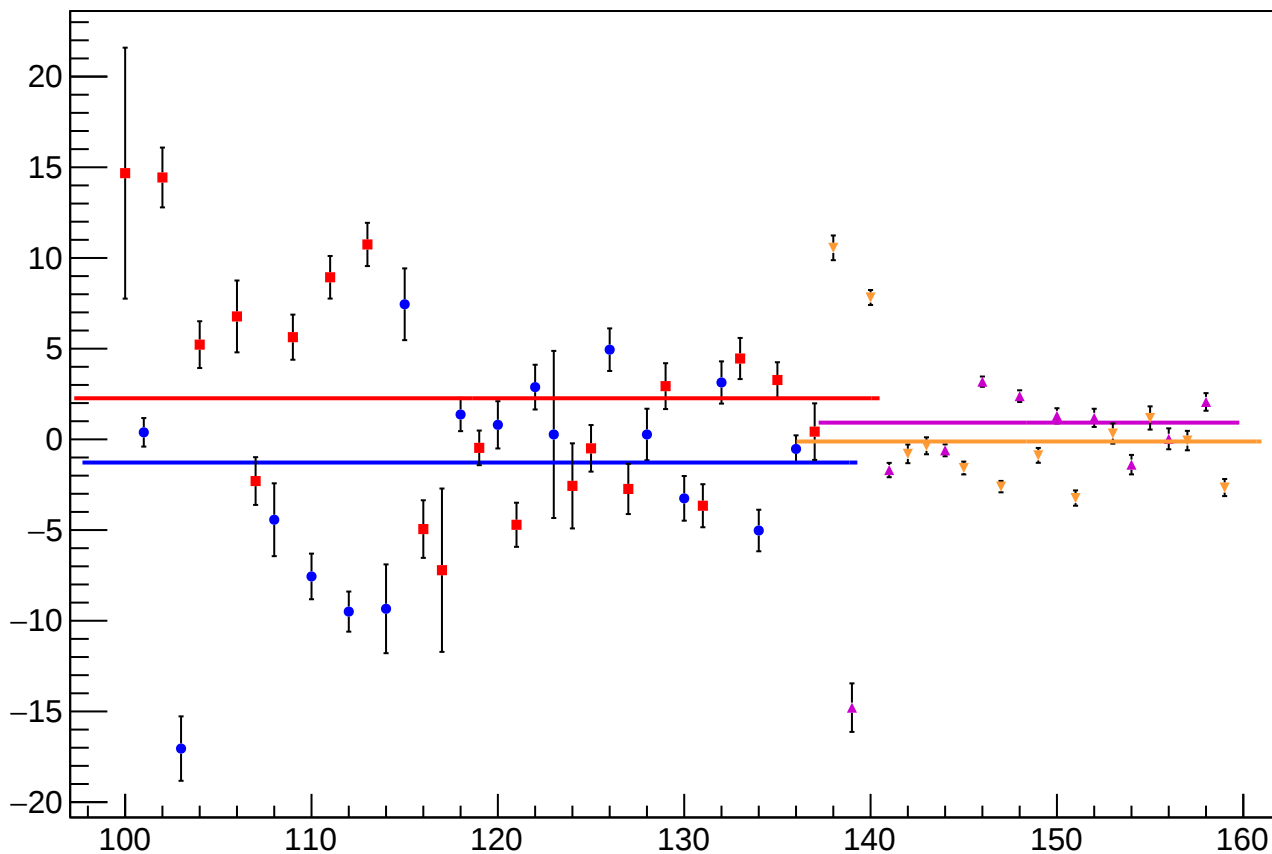
Left In: 8.523+/-0.194 χ^2/NDF : 625.7/9

-11.742+/-0.189 χ^2/NDF : 2027.5/11

-1.869+/-0.135 χ^2/NDF : 8262.3/21

8.523+/-0.194 χ^2/NDF : 625.7/9

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.278 ± 0.292 $\chi^2/\text{NDF}: 276.5/16$

Left Out: -0.117 ± 0.130 $\chi^2/\text{NDF}: 786.7/11$

Right Out: 2.266 ± 0.302 $\chi^2/\text{NDF}: 289.8/19$

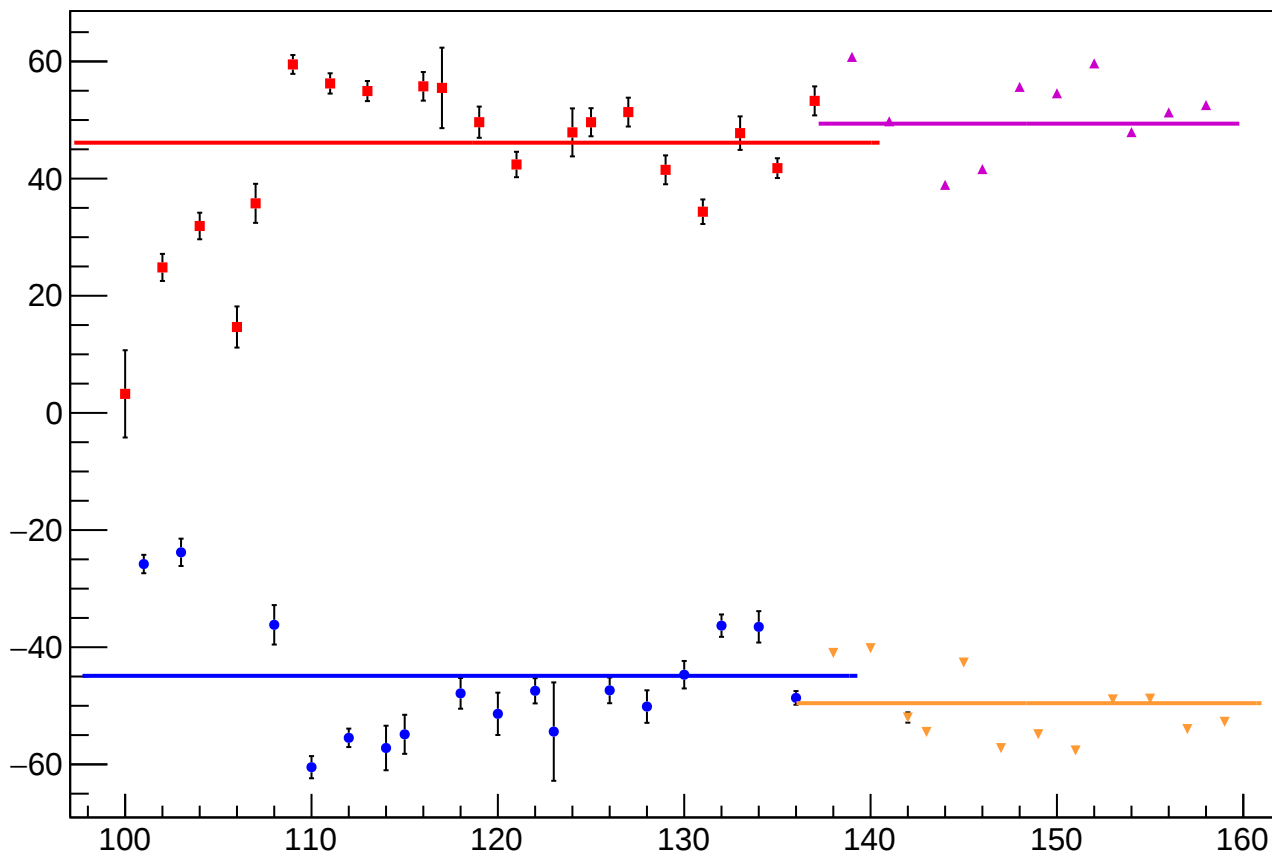
Left In: 0.922 ± 0.131 $\chi^2/\text{NDF}: 314.8/9$

-0.307 ± 0.118 $\chi^2/\text{NDF}: 1076.4/28$

0.405 ± 0.084 $\chi^2/\text{NDF}: 1770.8/58$

1.134 ± 0.120 $\chi^2/\text{NDF}: 621.2/29$

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.883 ± 0.524 χ^2/NDF : 421.0/16

Left Out: -49.552 ± 0.188 χ^2/NDF : 1141.5/11

Right Out: 46.130 ± 0.527 χ^2/NDF : 456.1/19

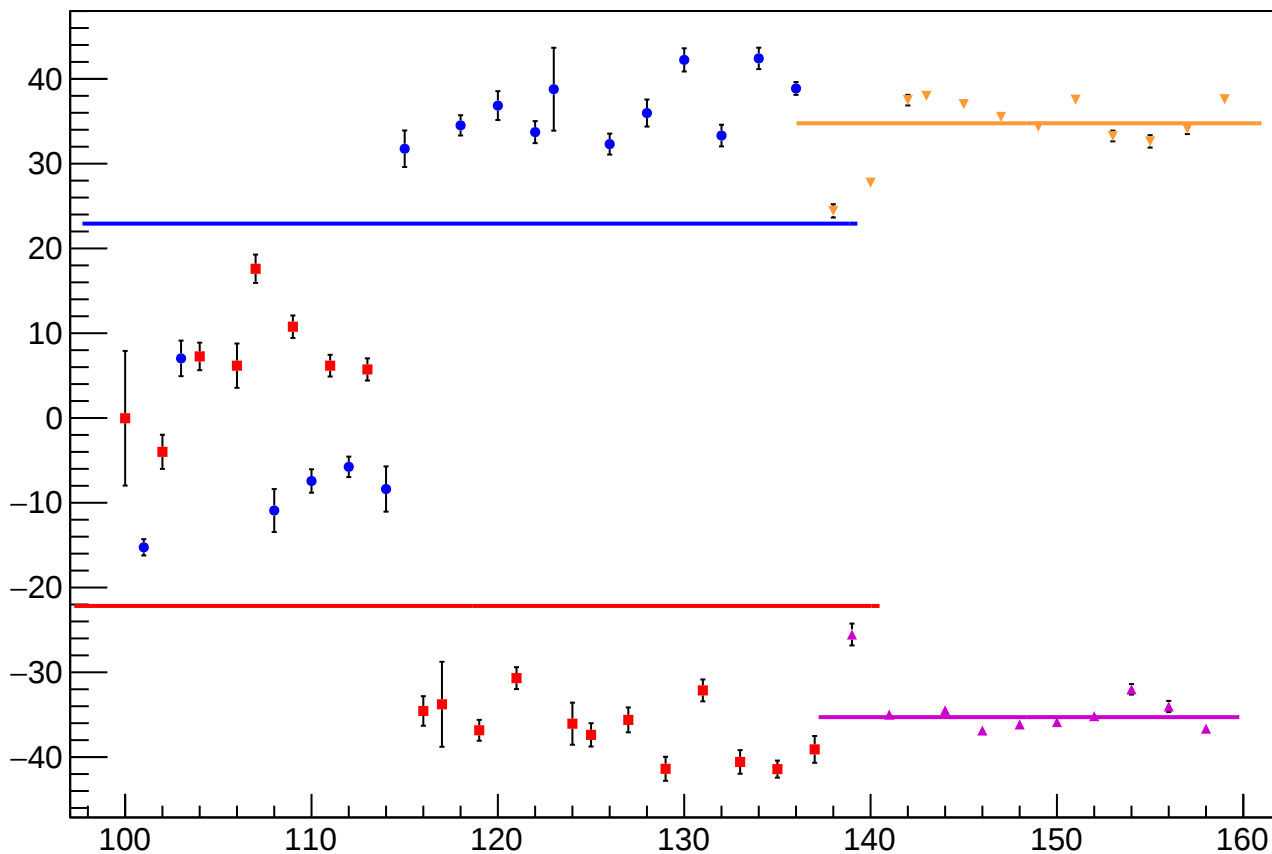
Left In: 49.379 ± 0.191 χ^2/NDF : 1436.2/9

-49.018 ± 0.177 χ^2/NDF : 1632.7/28

-0.563 ± 0.126 χ^2/NDF : 154744.0/58

49.003 ± 0.179 χ^2/NDF : 1926.0/29

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.926+/-0.328 χ^2 /NDF: 4330.2/16

Left Out: 34.763+/-0.156 χ^2 /NDF:528.7/11

Right Out: -22.170+/-0.339 χ^2 /NDF: 4038.8/19

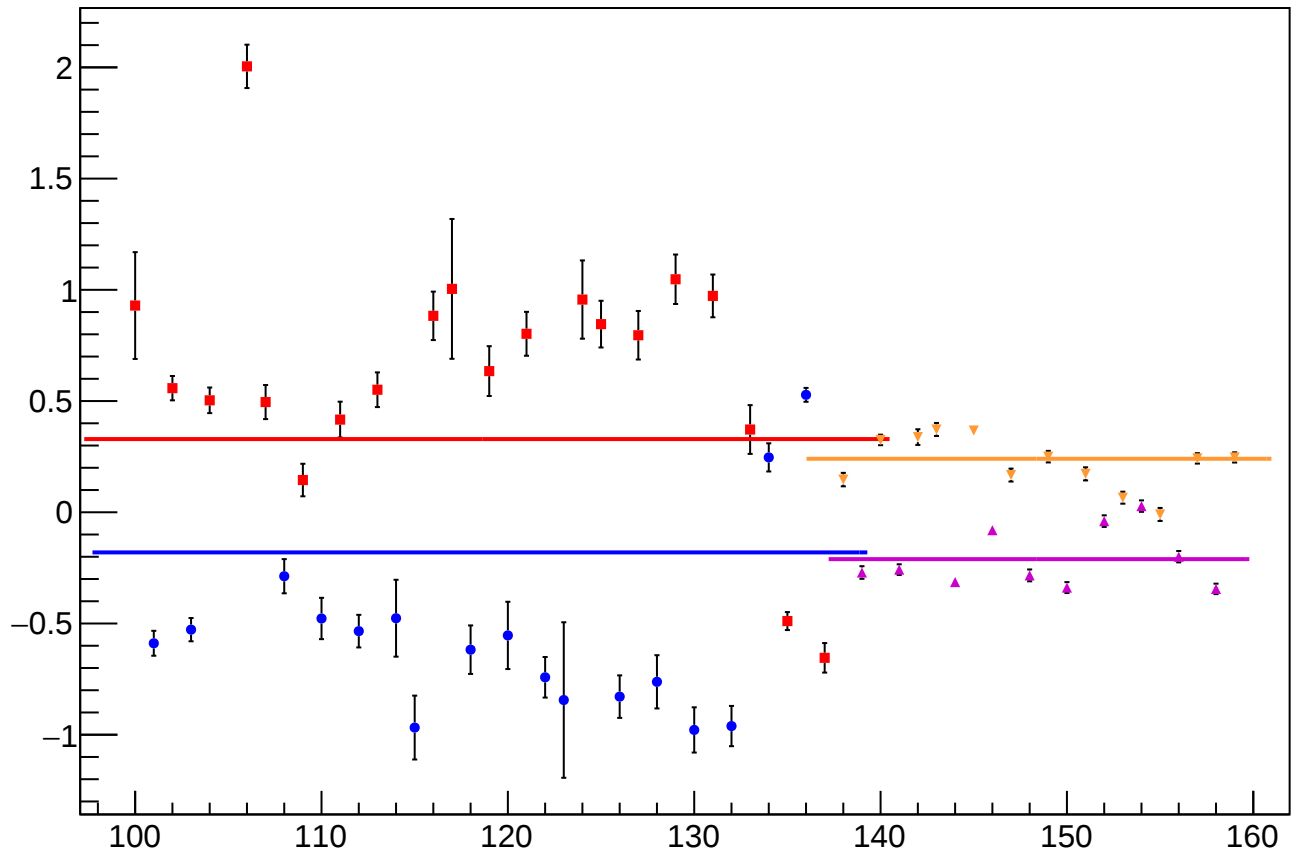
Left In: -35.289+/-0.158 χ^2 /NDF:125.2/9

32.582+/-0.141 χ^2 /NDF: 5920.9/28

0.354+/-0.100 χ^2 /NDF: 117811.9/58

-32.952+/-0.143 χ^2 /NDF: 5393.5/29

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.180 ± 0.018 χ^2/NDF : 995.7/16

Left Out: 0.241 ± 0.007 χ^2/NDF : 226.7/11

Right Out: 0.329 ± 0.018 χ^2/NDF : 1180.2/19

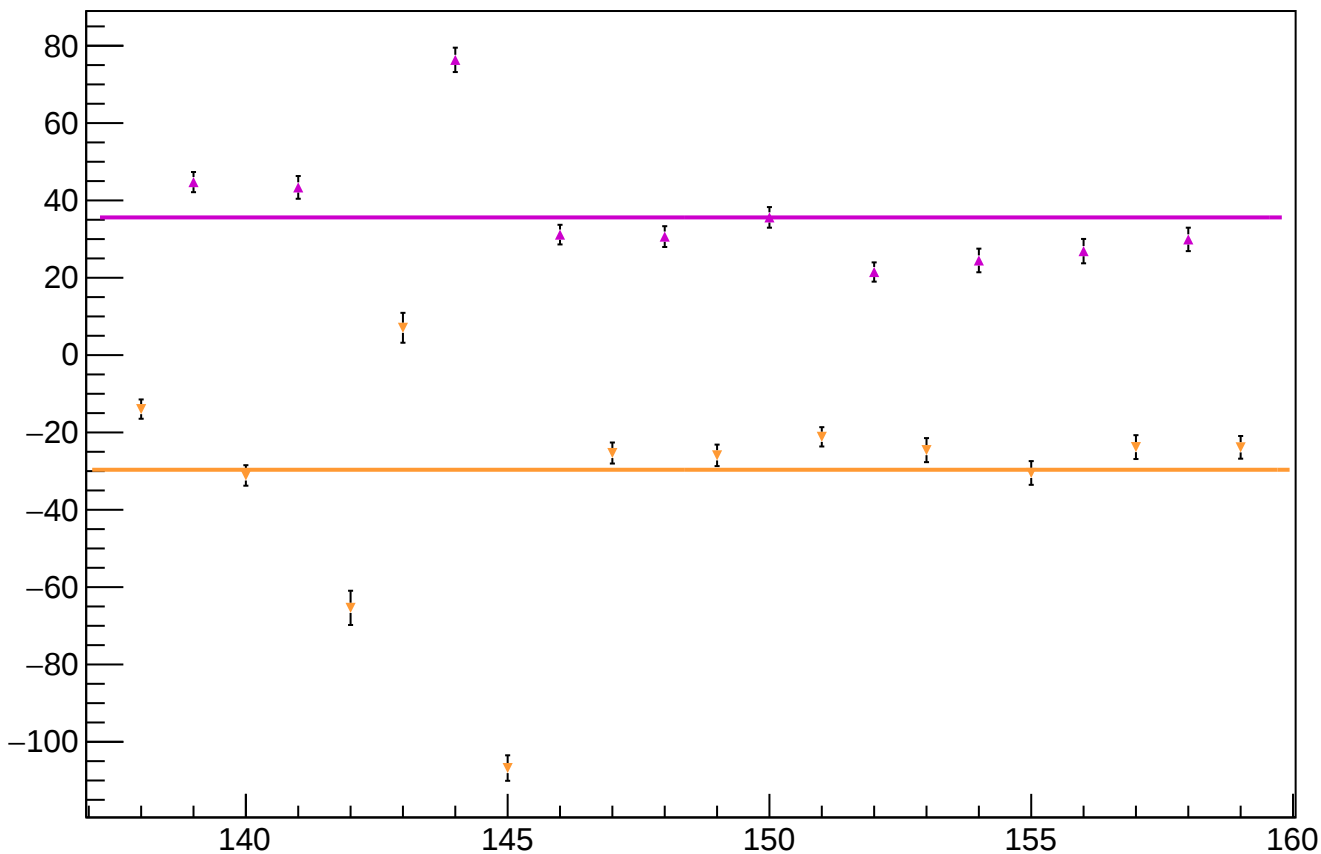
Left In: -0.211 ± 0.008 χ^2/NDF : 268.1/9

0.177 ± 0.007 χ^2/NDF : 1699.6/28

0.029 ± 0.005 χ^2/NDF : 4859.9/58

-0.129 ± 0.007 χ^2/NDF : 2196.9/29

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -29.648+/-0.855 χ^2/NDF : 768.8/11

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

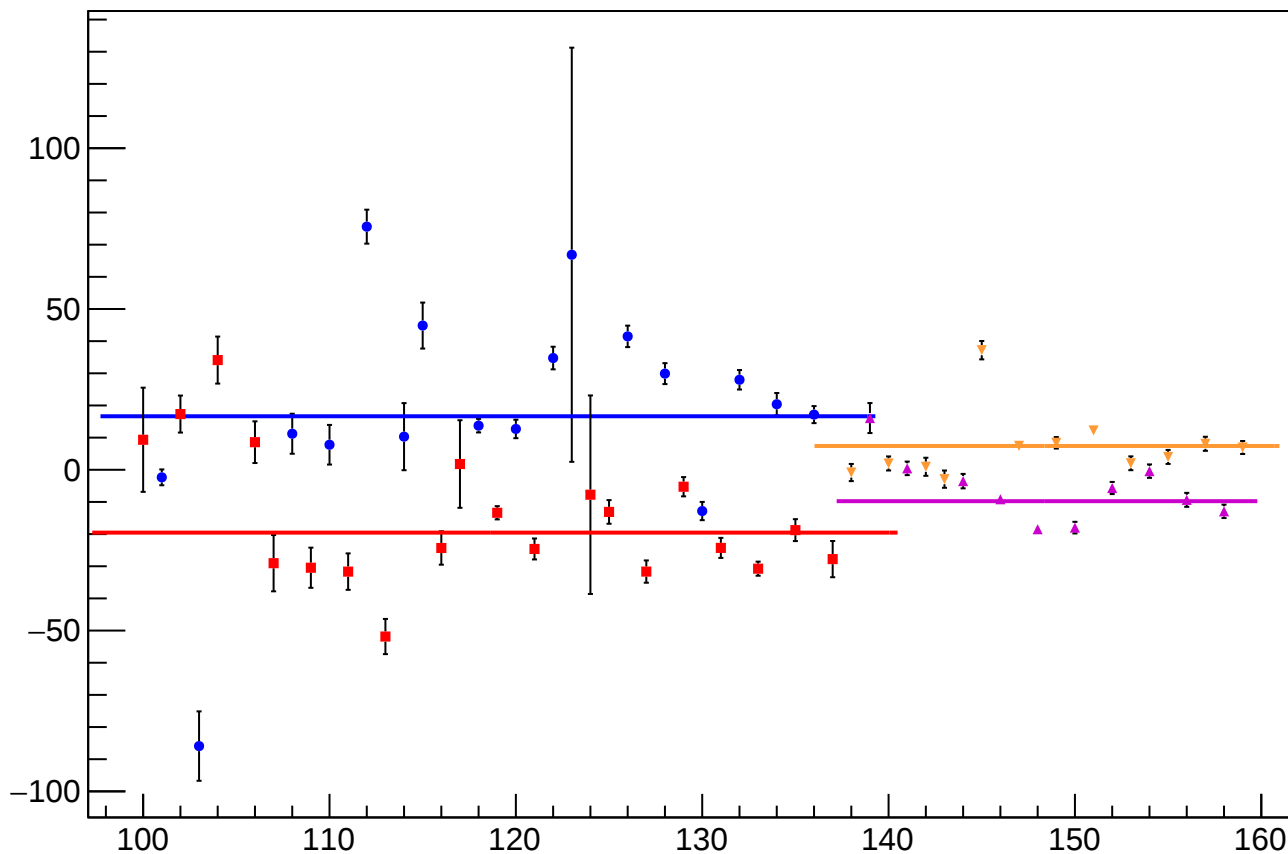
Left In: 35.605+/-0.885 χ^2/NDF : 249.3/9

-29.648+/-0.855 χ^2/NDF : 768.8/11

1.833+/-0.615 χ^2/NDF : 3829.1/21

35.605+/-0.885 χ^2/NDF : 249.3/9

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.641 ± 0.859 $\chi^2/\text{NDF}: 518.9/16$

Left Out: 7.404 ± 0.575 $\chi^2/\text{NDF}: 165.2/11$

Right Out: -19.540 ± 0.894 $\chi^2/\text{NDF}: 244.1/19$

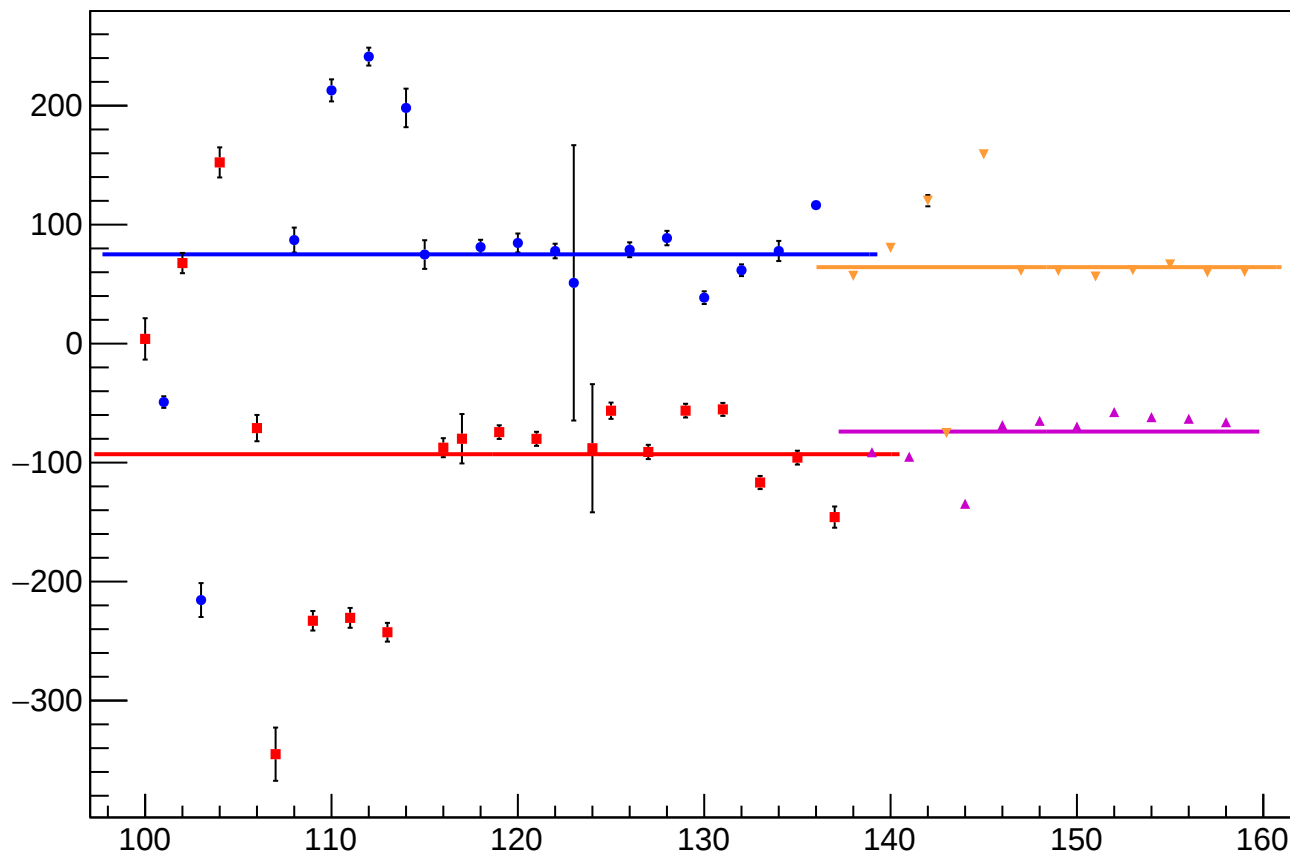
Left In: -9.761 ± 0.601 $\chi^2/\text{NDF}: 154.3/9$

10.260 ± 0.478 $\chi^2/\text{NDF}: 764.0/28$

-0.766 ± 0.345 $\chi^2/\text{NDF}: 2360.1/58$

-12.804 ± 0.499 $\chi^2/\text{NDF}: 480.7/29$

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 75.032 ± 1.647 χ^2/NDF : 1999.7/16

Left Out: 64.280 ± 0.836 χ^2/NDF : 2107.6/11

Right Out: -92.940 ± 1.706 χ^2/NDF : 2004.0/19

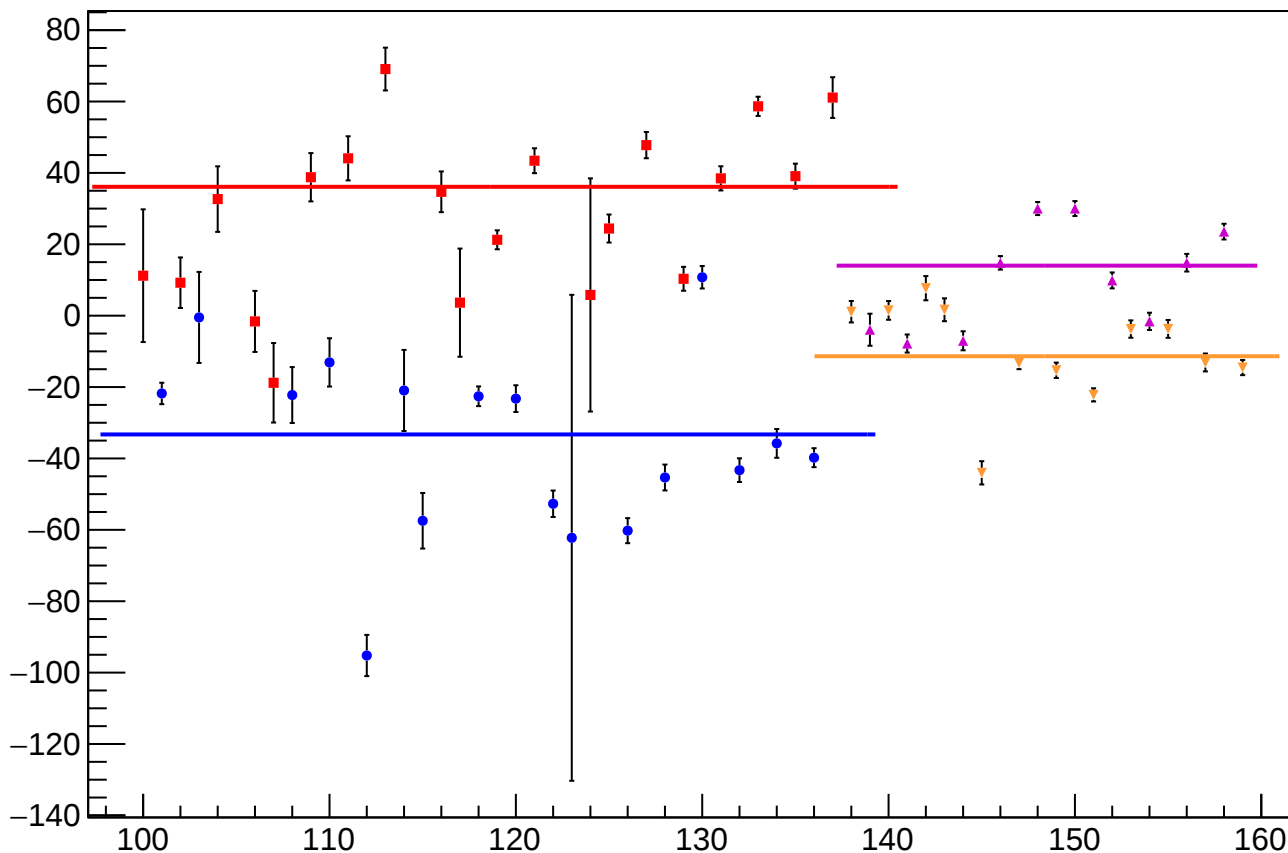
Left In: -73.920 ± 0.861 χ^2/NDF : 514.9/9

66.486 ± 0.746 χ^2/NDF : 4141.2/28

-3.453 ± 0.535 χ^2/NDF : 24902.1/58

-77.785 ± 0.769 χ^2/NDF : 2618.0/29

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.272 ± 0.982 $\chi^2/\text{NDF}: 489.4/16$

Left Out: -11.365 ± 0.695 $\chi^2/\text{NDF}: 250.3/11$

Right Out: 36.103 ± 1.022 $\chi^2/\text{NDF}: 302.3/19$

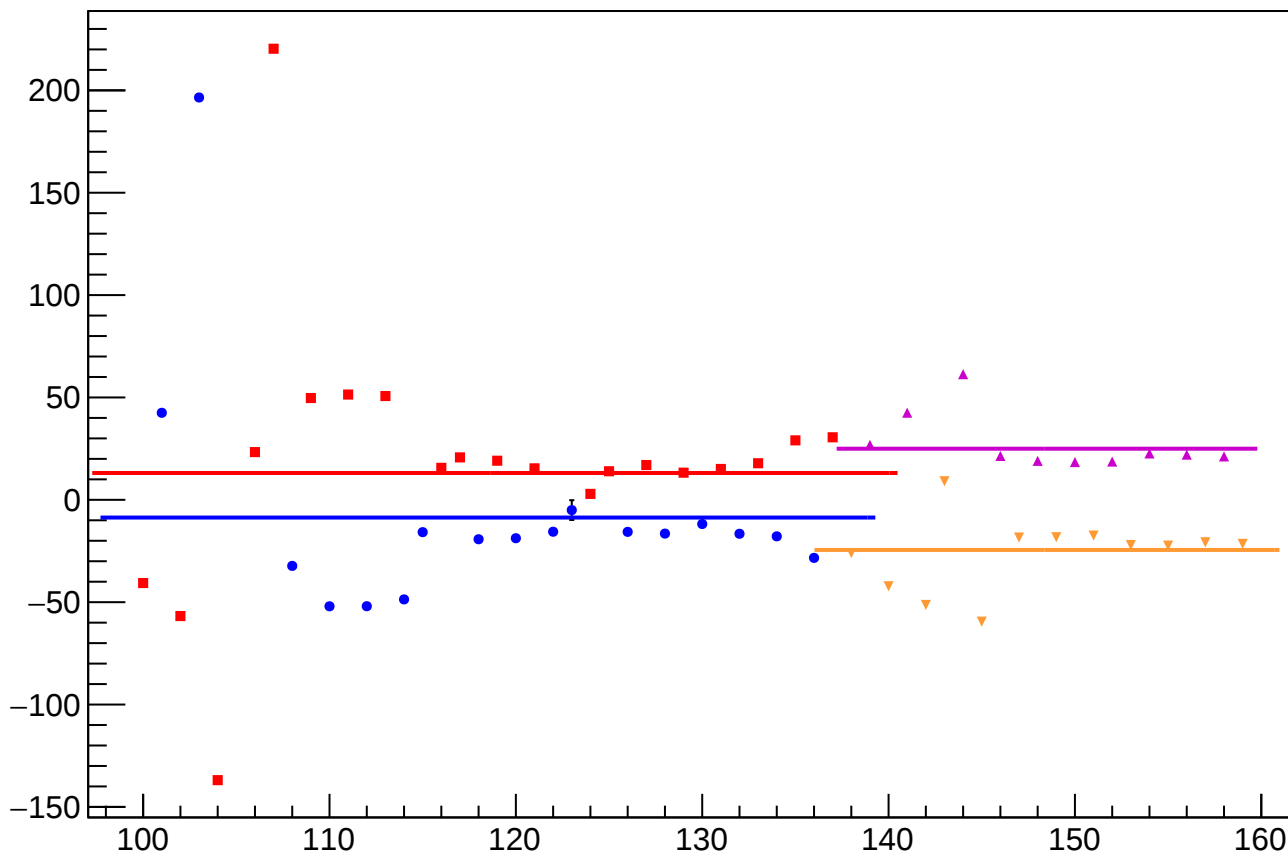
Left In: 14.014 ± 0.726 $\chi^2/\text{NDF}: 352.3/9$

-18.682 ± 0.568 $\chi^2/\text{NDF}: 1071.1/28$

0.528 ± 0.410 $\chi^2/\text{NDF}: 4428.6/58$

21.432 ± 0.592 $\chi^2/\text{NDF}: 965.0/29$

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.657 ± 0.059 $\chi^2/\text{NDF}: 575742.7/16$

Left Out: -24.483 ± 0.033 $\chi^2/\text{NDF}: 163190.3/11$

Right Out: 13.109 ± 0.062 $\chi^2/\text{NDF}: 558383.6/19$

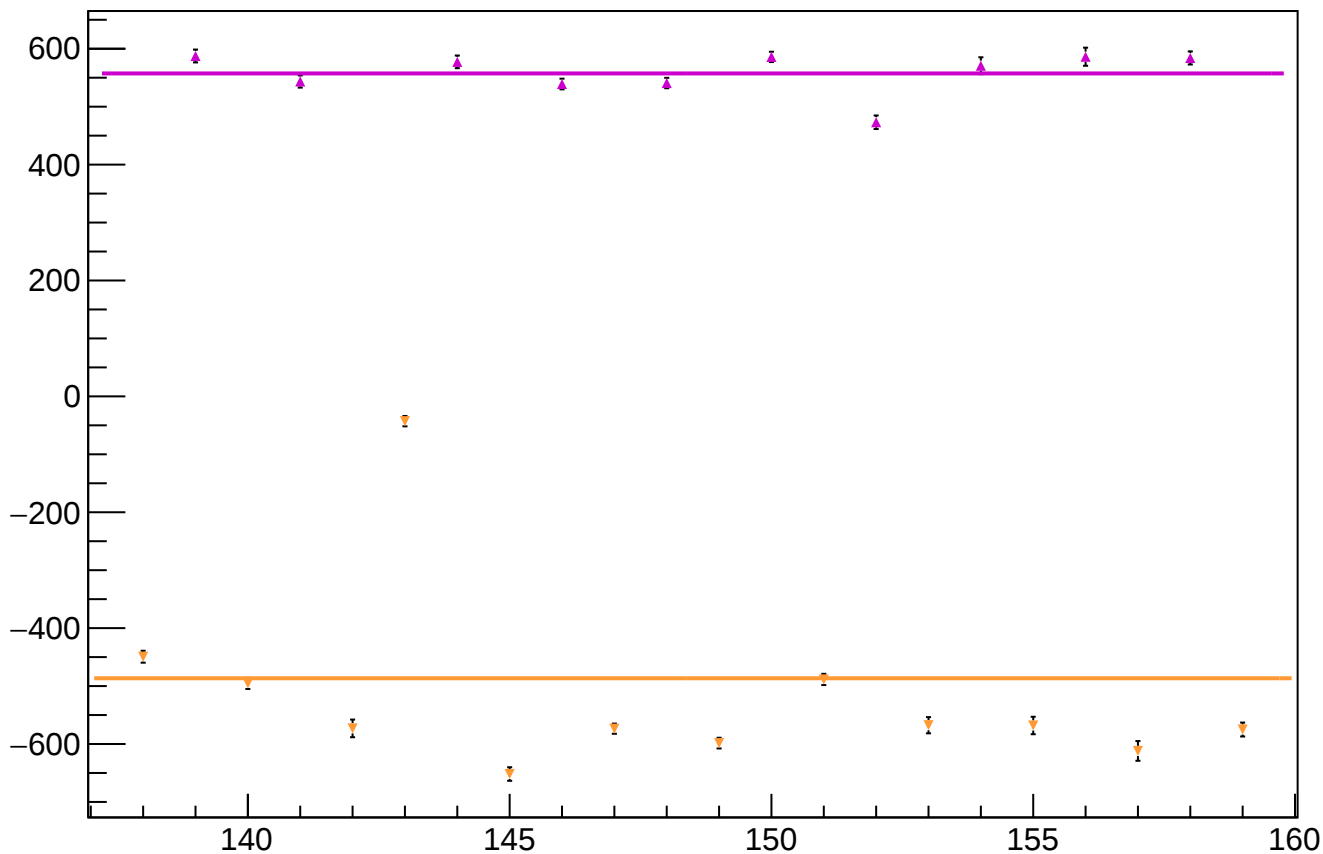
Left In: 24.968 ± 0.034 $\chi^2/\text{NDF}: 95514.4/9$

-20.754 ± 0.029 $\chi^2/\text{NDF}: 793775.8/28$

0.097 ± 0.021 $\chi^2/\text{NDF}: 2566414.2/58$

22.247 ± 0.030 $\chi^2/\text{NDF}: 682366.2/29$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -486.538+/-3.167 χ^2/NDF : 3148.0/11

-486.538+/-3.167 χ^2/NDF : 3148.0/11

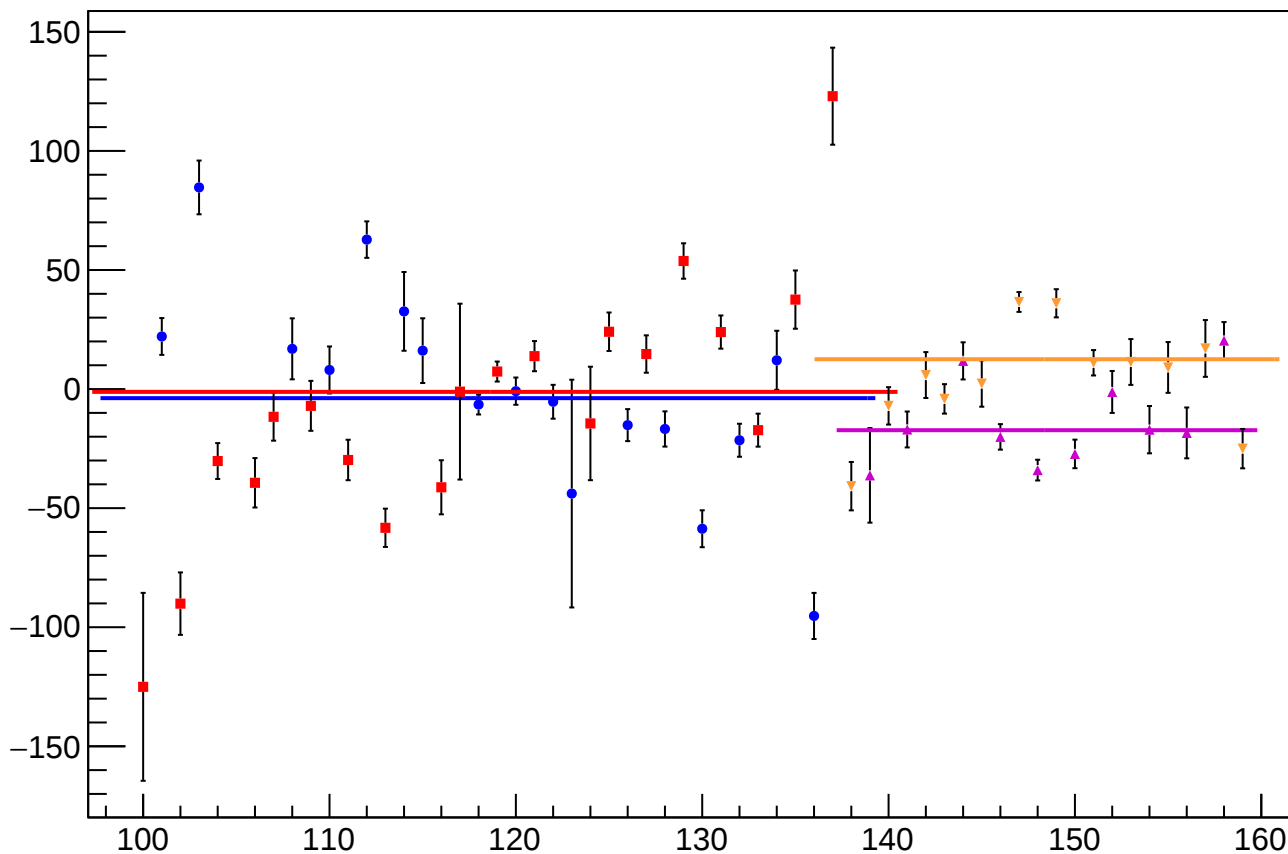
-2.904+/-2.320 χ^2/NDF : 53589.7/21

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

557.388+/-3.408 χ^2/NDF : 91.8/9

Left In: 557.388+/-3.408 χ^2/NDF : 91.8/9

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.815 ± 1.923 χ^2/NDF : 314.3/16

Left Out: 12.523 ± 2.058 χ^2/NDF : 112.7/11

Right Out: -1.175 ± 1.911 χ^2/NDF : 303.9/19

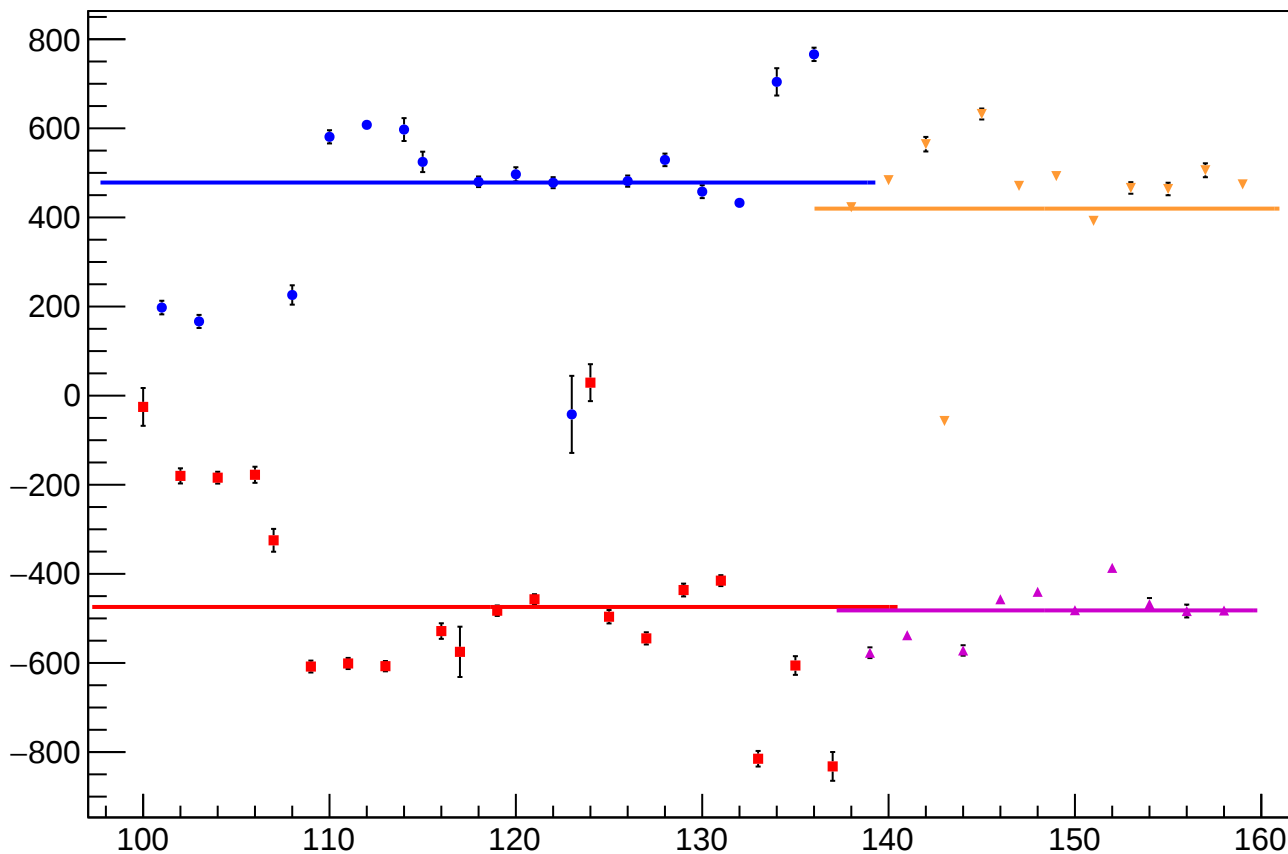
Left In: -17.267 ± 2.234 χ^2/NDF : 59.5/9

3.801 ± 1.405 χ^2/NDF : 460.7/28

-1.892 ± 1.010 χ^2/NDF : 887.9/58

-7.976 ± 1.452 χ^2/NDF : 393.3/29

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.334 $\pm$ 3.662 χ^2/NDF : 1628.8/16

Left Out: 419.787 $\pm$ 3.129 χ^2/NDF :3129.1/11

Right Out: -474.296 $\pm$ 3.524 χ^2/NDF : 2288.2/19

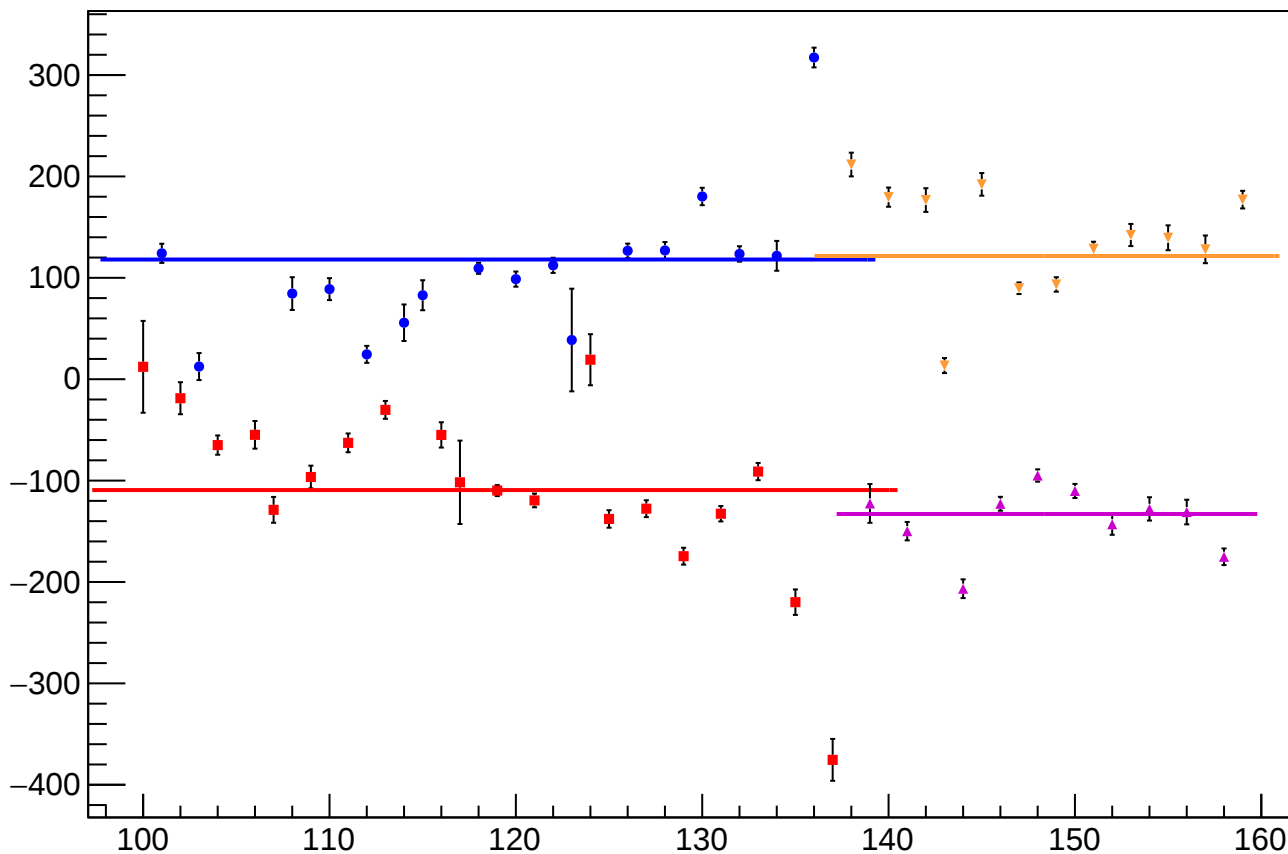
Left In: -482.039 $\pm$ 3.317 χ^2/NDF :252.0/9

444.491 $\pm$ 2.379 χ^2/NDF : 4905.7/28

-9.889 $\pm$ 1.695 χ^2/NDF : 81556.3/58

-478.401 $\pm$ 2.415 χ^2/NDF : 2542.7/29

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 118.055 ± 2.225 $\chi^2/\text{NDF}: 705.3/16$

Left Out: 121.529 ± 2.529 $\chi^2/\text{NDF}: 467.0/11$

Right Out: -109.345 ± 2.202 $\chi^2/\text{NDF}: 569.8/19$

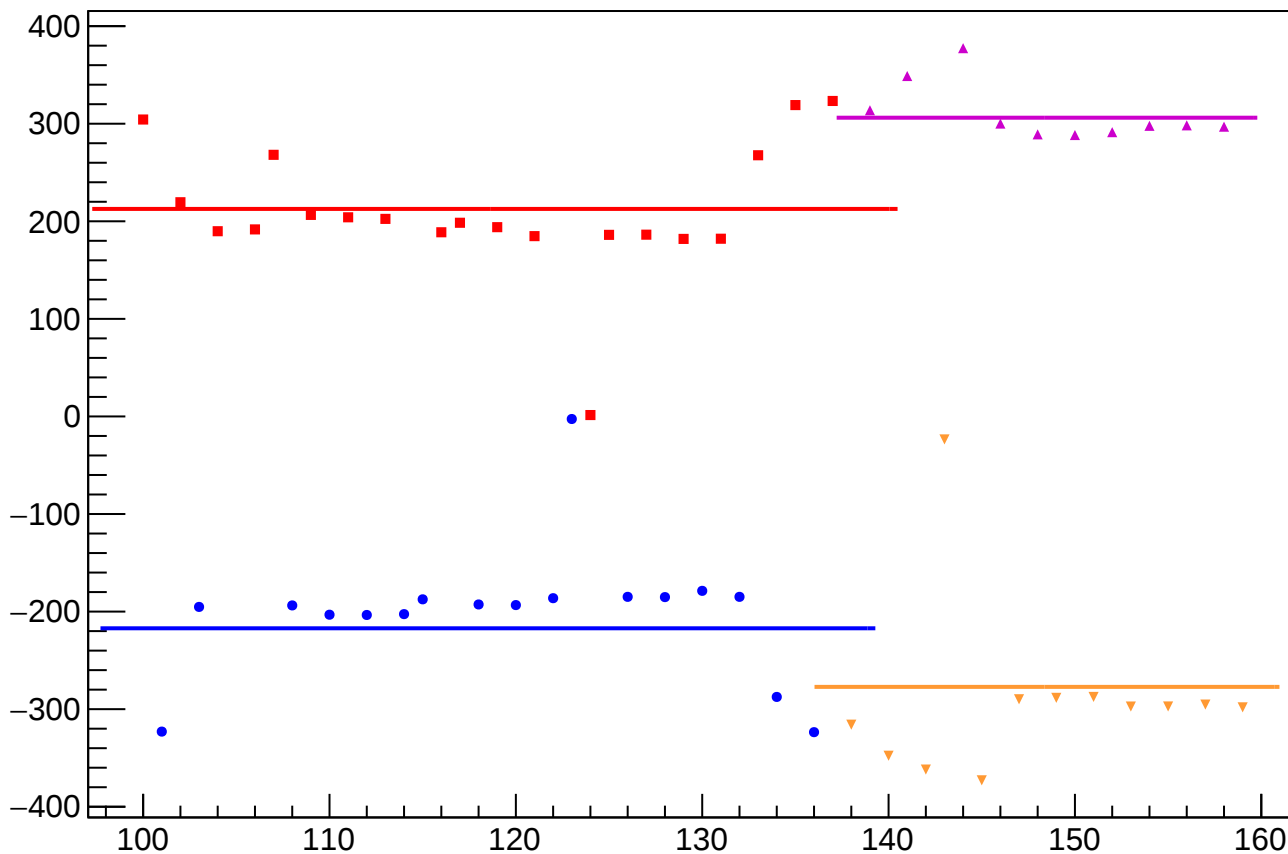
Left In: -132.955 ± 2.733 $\chi^2/\text{NDF}: 146.6/9$

119.571 ± 1.671 $\chi^2/\text{NDF}: 1173.4/28$

3.559 ± 1.197 $\chi^2/\text{NDF}: 11836.9/58$

-118.637 ± 1.715 $\chi^2/\text{NDF}: 761.7/29$

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -217.120+/-0.137 χ^2/NDF : 146559.7/16

Left Out: -277.158+/-0.127 χ^2/NDF : 543359.2/11

Right Out: 212.679+/-0.130 χ^2/NDF : 115596.4/19

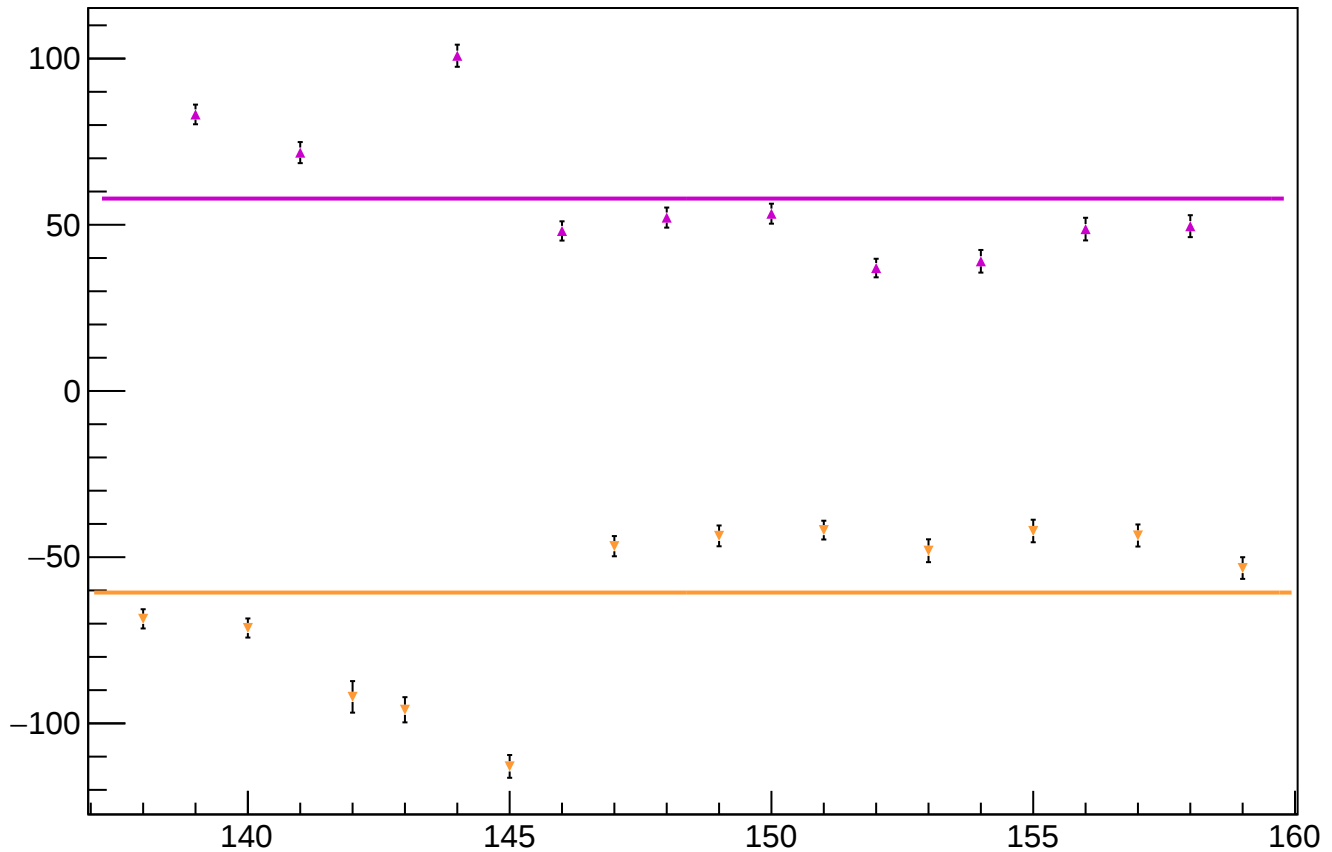
Left In: 306.162+/-0.133 χ^2/NDF : 35711.5/9

-249.377+/-0.093 χ^2/NDF : 793745.7/28

4.690+/-0.066 χ^2/NDF : 16147883.5/58

258.480+/-0.093 χ^2/NDF : 404610.5/29

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -60.640+/-0.940 χ^2/NDF : 554.2/11

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

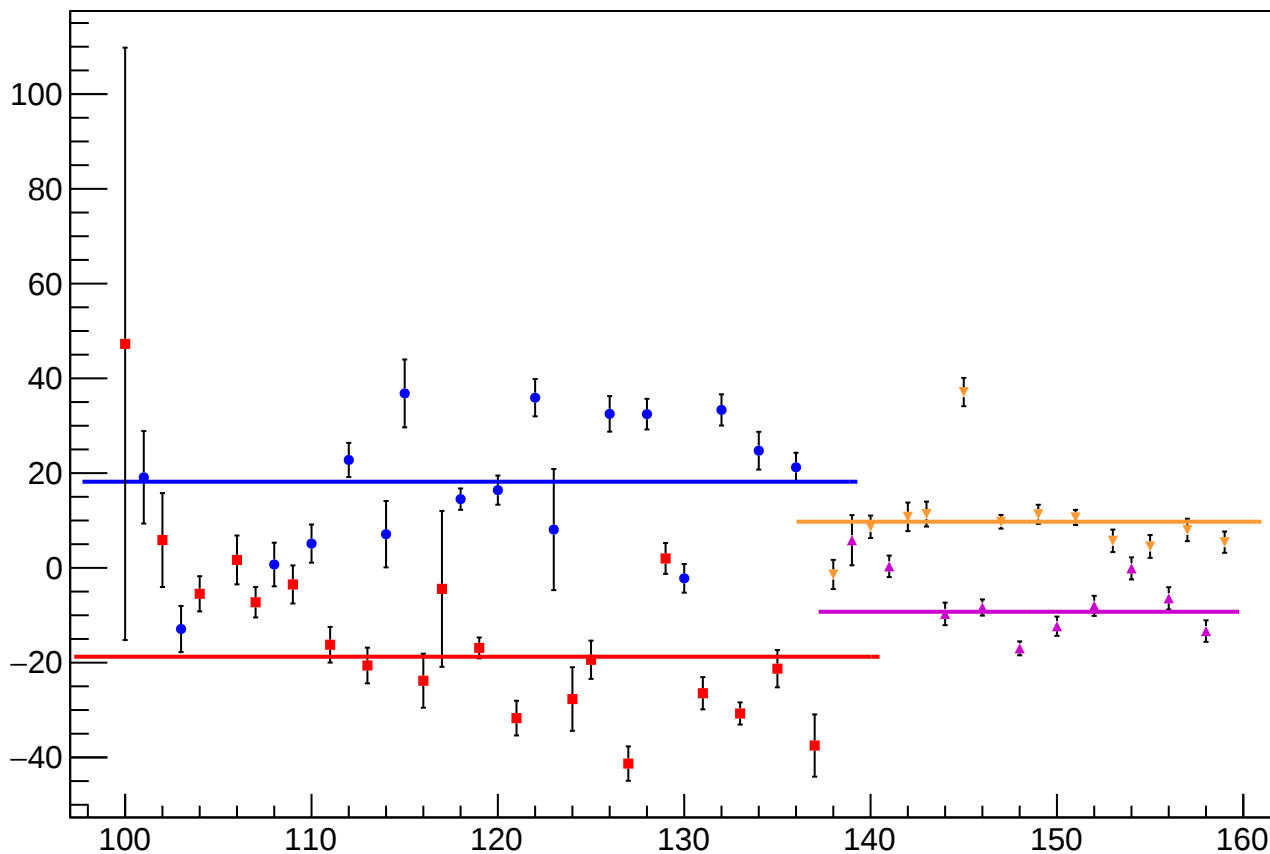
Left In: 57.882+/-0.983 χ^2/NDF : 376.5/9

-60.640+/-0.940 χ^2/NDF : 554.2/11

-4.000+/-0.679 χ^2/NDF : 8527.7/21

57.882+/-0.983 χ^2/NDF : 376.5/9

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.188 ± 0.917 χ^2/NDF : 204.9/16

Left Out: 9.748 ± 0.633 χ^2/NDF : 110.8/11

Right Out: -18.752 ± 0.862 χ^2/NDF : 199.5/19

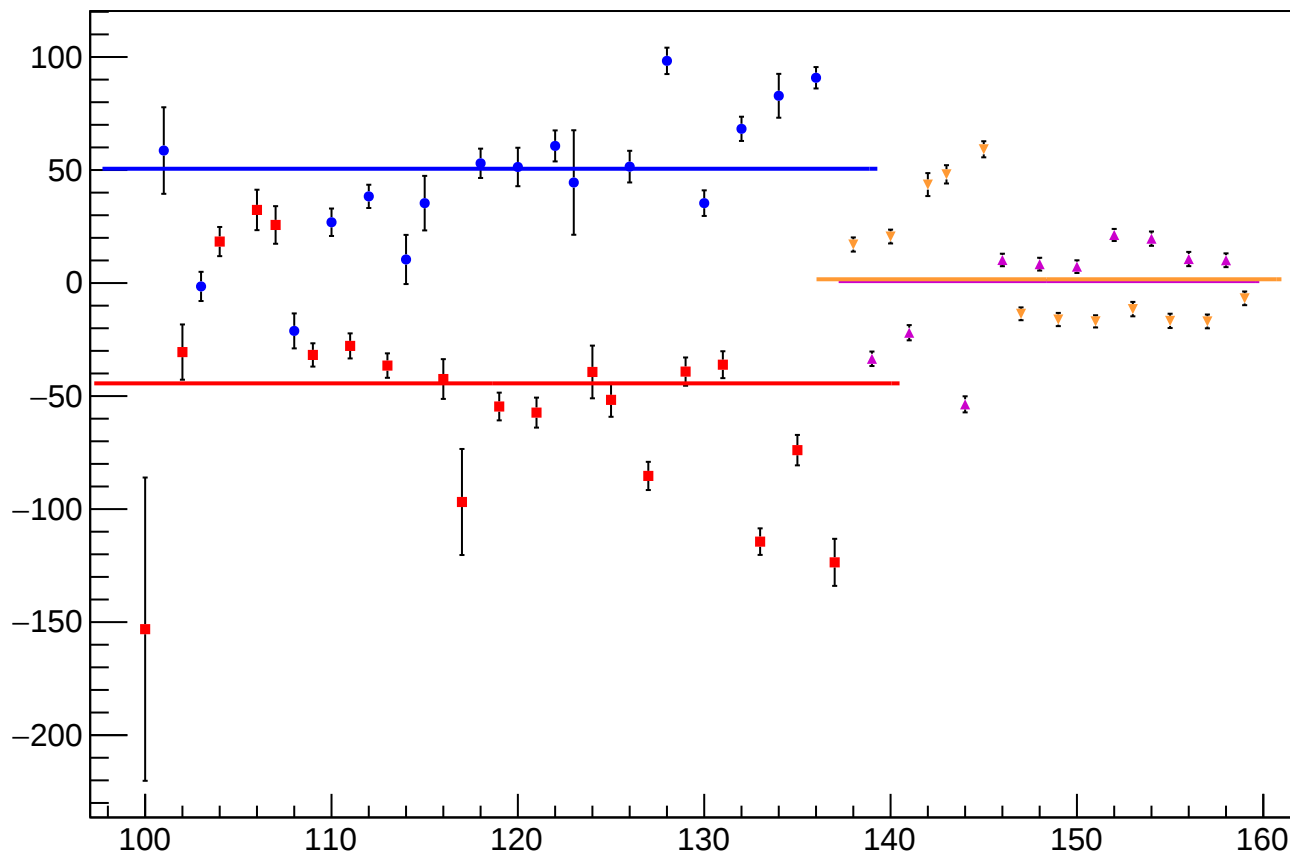
Left In: -9.262 ± 0.669 χ^2/NDF : 76.5/9

12.473 ± 0.521 χ^2/NDF : 373.0/28

-0.006 ± 0.371 χ^2/NDF : 1887.2/58

-12.832 ± 0.528 χ^2/NDF : 351.7/29

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.565 $\pm$ 1.678 χ^2 /NDF: 357.9/16

Left Out: 1.672 $\pm$ 0.921 χ^2 /NDF: 731.8/11

Right Out: -44.377 $\pm$ 1.599 χ^2 /NDF: 537.6/19

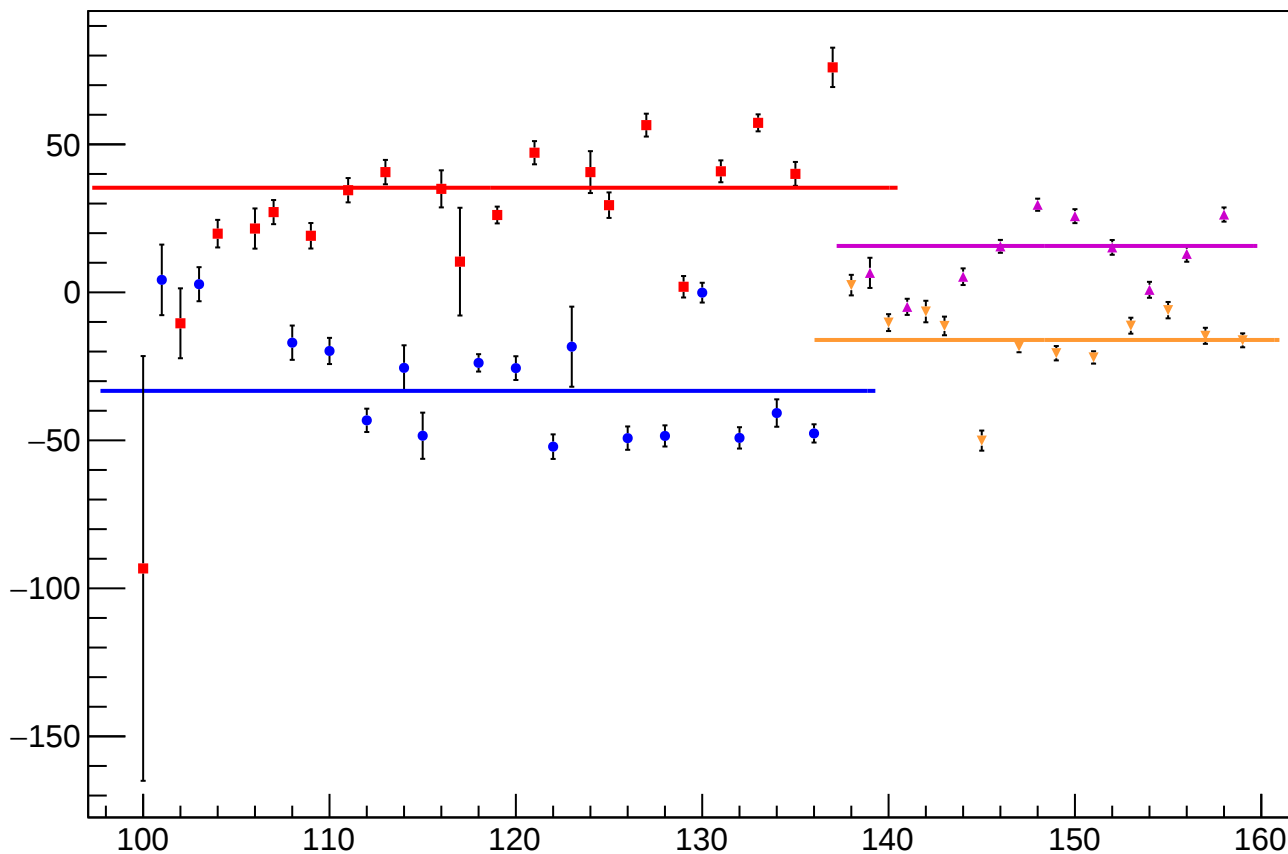
Left In: 0.862 $\pm$ 0.956 χ^2 /NDF: 531.2/9

12.996 $\pm$ 0.807 χ^2 /NDF: 1742.4/28

1.166 $\pm$ 0.576 χ^2 /NDF: 3837.4/58

-11.062 $\pm$ 0.821 χ^2 /NDF: 1658.4/29

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.043 χ^2/NDF : 290.1/16

Left Out: -16.081 ± 0.766 χ^2/NDF : 171.5/11

Right Out: 35.343 ± 0.990 χ^2/NDF : 291.6/19

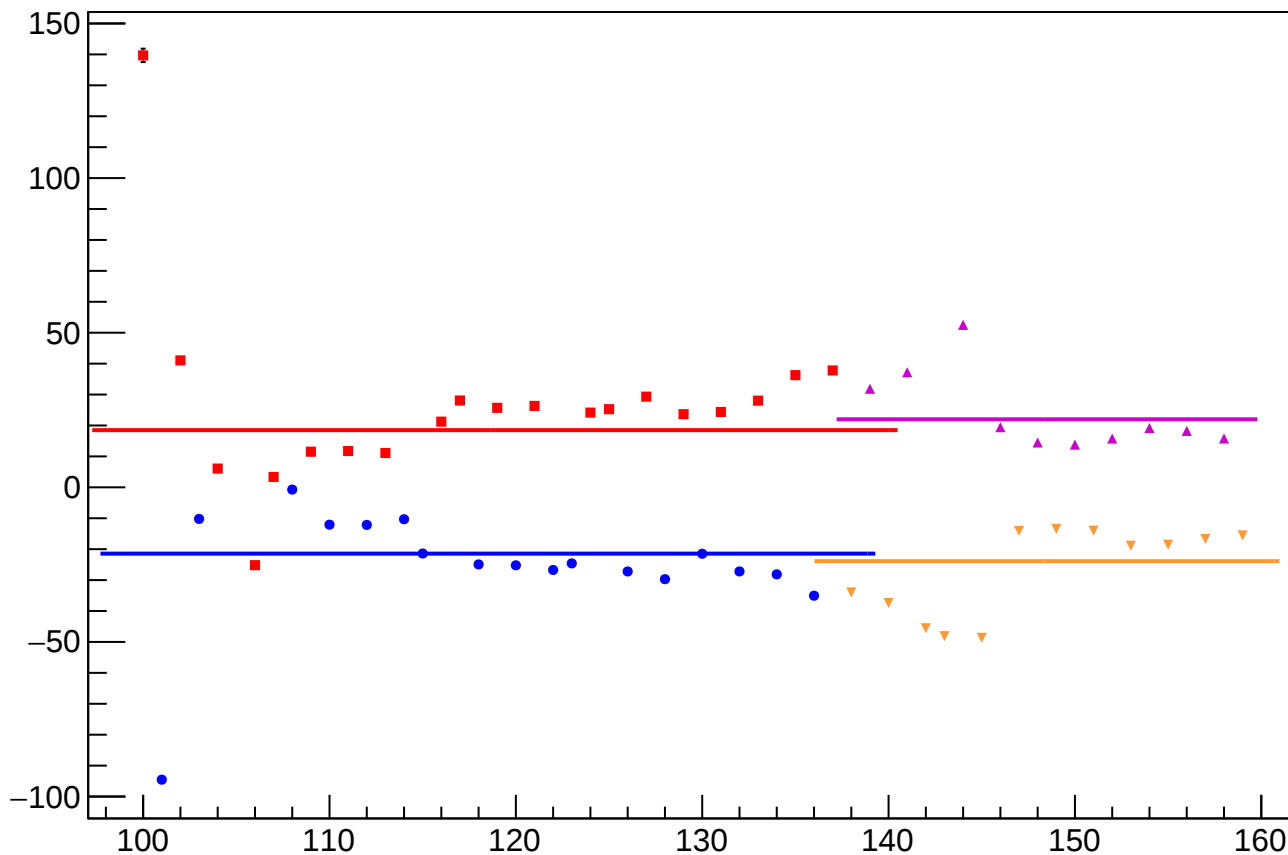
Left In: 15.682 ± 0.806 χ^2/NDF : 188.8/9

-22.101 ± 0.617 χ^2/NDF : 638.2/28

0.424 ± 0.439 χ^2/NDF : 4052.4/58

23.525 ± 0.625 χ^2/NDF : 717.6/29

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.442 ± 0.059 $\chi^2/\text{NDF}: 48968.5/16$

Left Out: -23.875 ± 0.036 $\chi^2/\text{NDF}: 116399.1/11$

Right Out: 18.490 ± 0.057 $\chi^2/\text{NDF}: 80549.5/19$

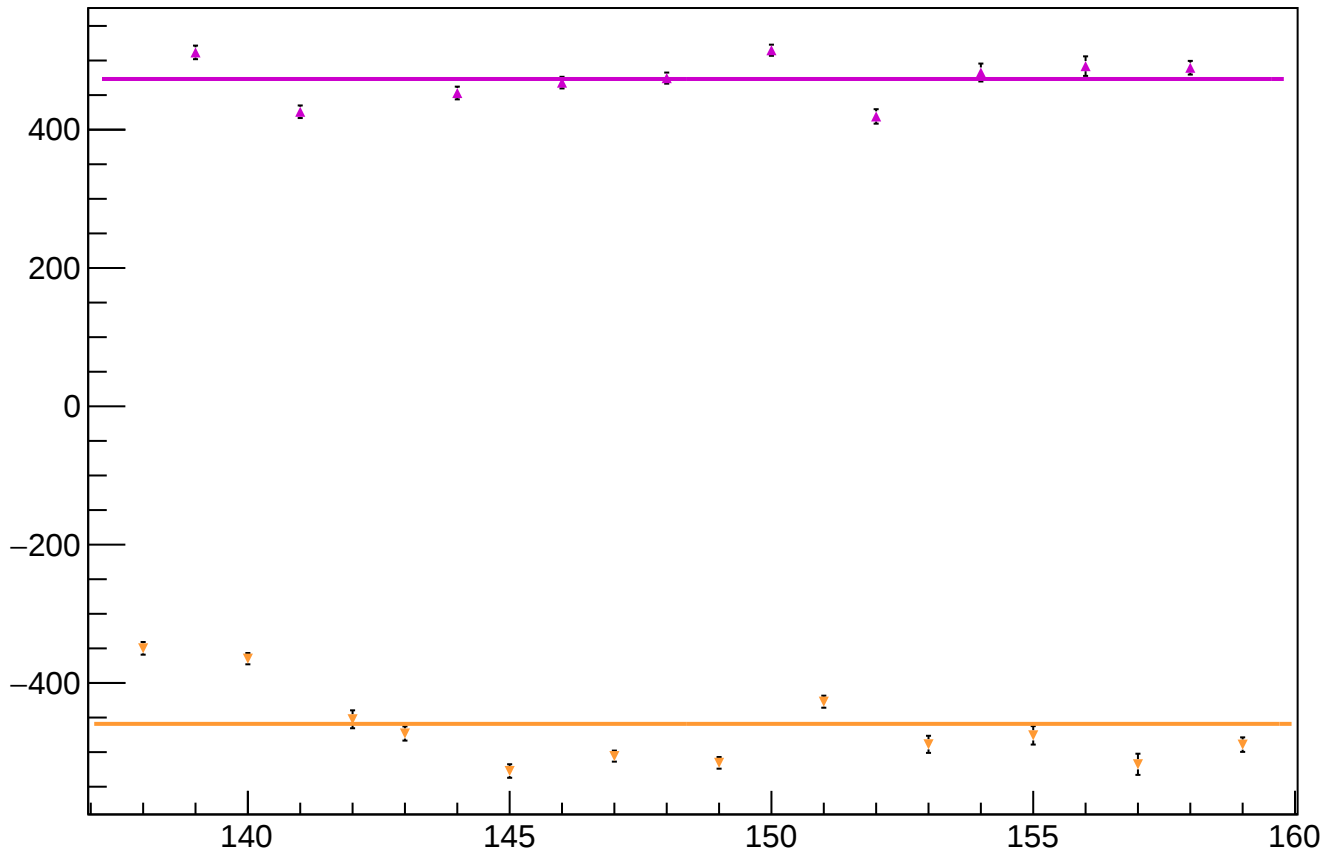
Left In: 21.994 ± 0.037 $\chi^2/\text{NDF}: 76229.4/9$

-23.212 ± 0.031 $\chi^2/\text{NDF}: 166608.3/28$

-1.507 ± 0.022 $\chi^2/\text{NDF}: 1338770.4/58$

20.949 ± 0.031 $\chi^2/\text{NDF}: 159401.7/29$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -459.136+/-2.874 χ^2/NDF : 447.6/11

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

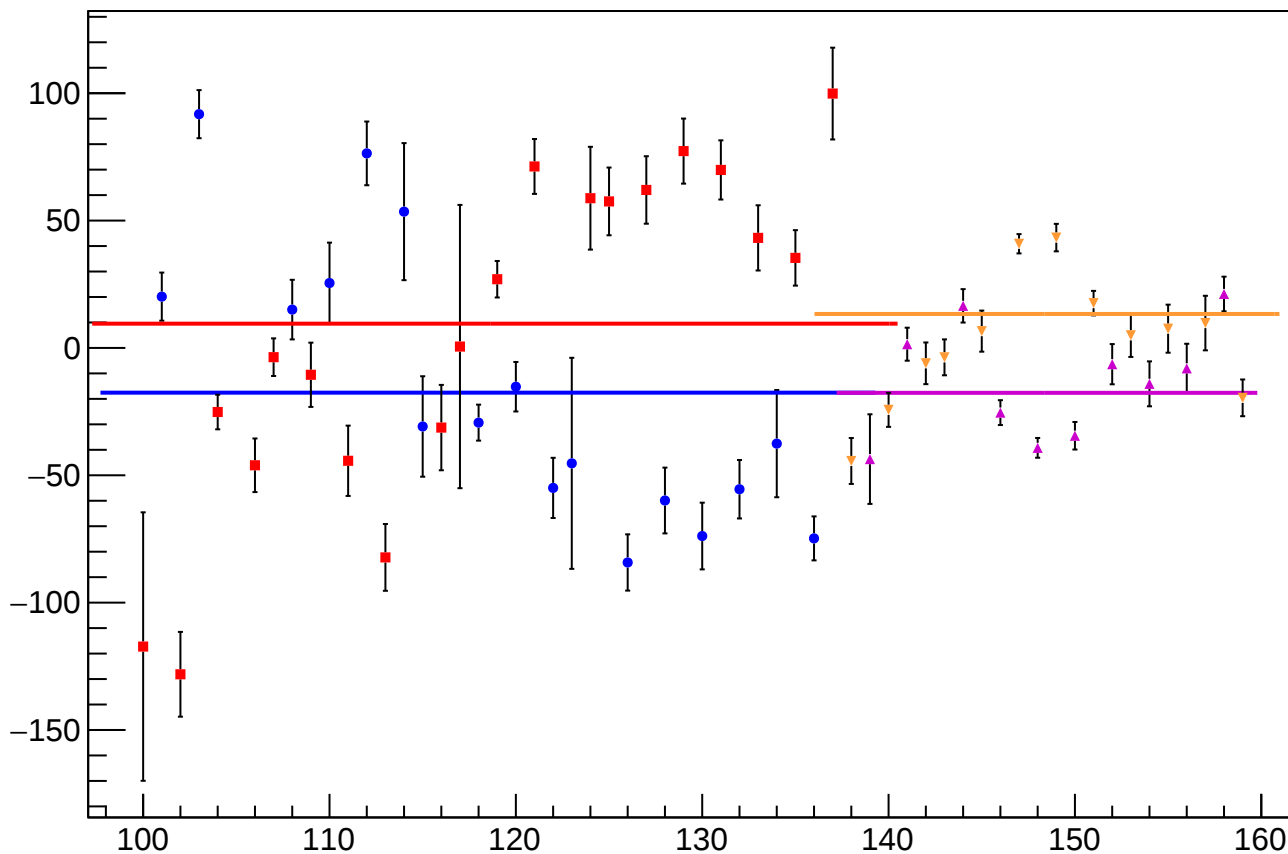
Left In: 473.292+/-3.018 χ^2/NDF : 106.3/9

-459.136+/-2.874 χ^2/NDF : 447.6/11

-15.741+/-2.081 χ^2/NDF : 50616.0/21

473.292+/-3.018 χ^2/NDF : 106.3/9

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.564 ± 2.820 χ^2/NDF : 363.7/16

Left Out: 13.337 ± 1.872 χ^2/NDF : 191.8/11

Right Out: 9.527 ± 2.606 χ^2/NDF : 370.3/19

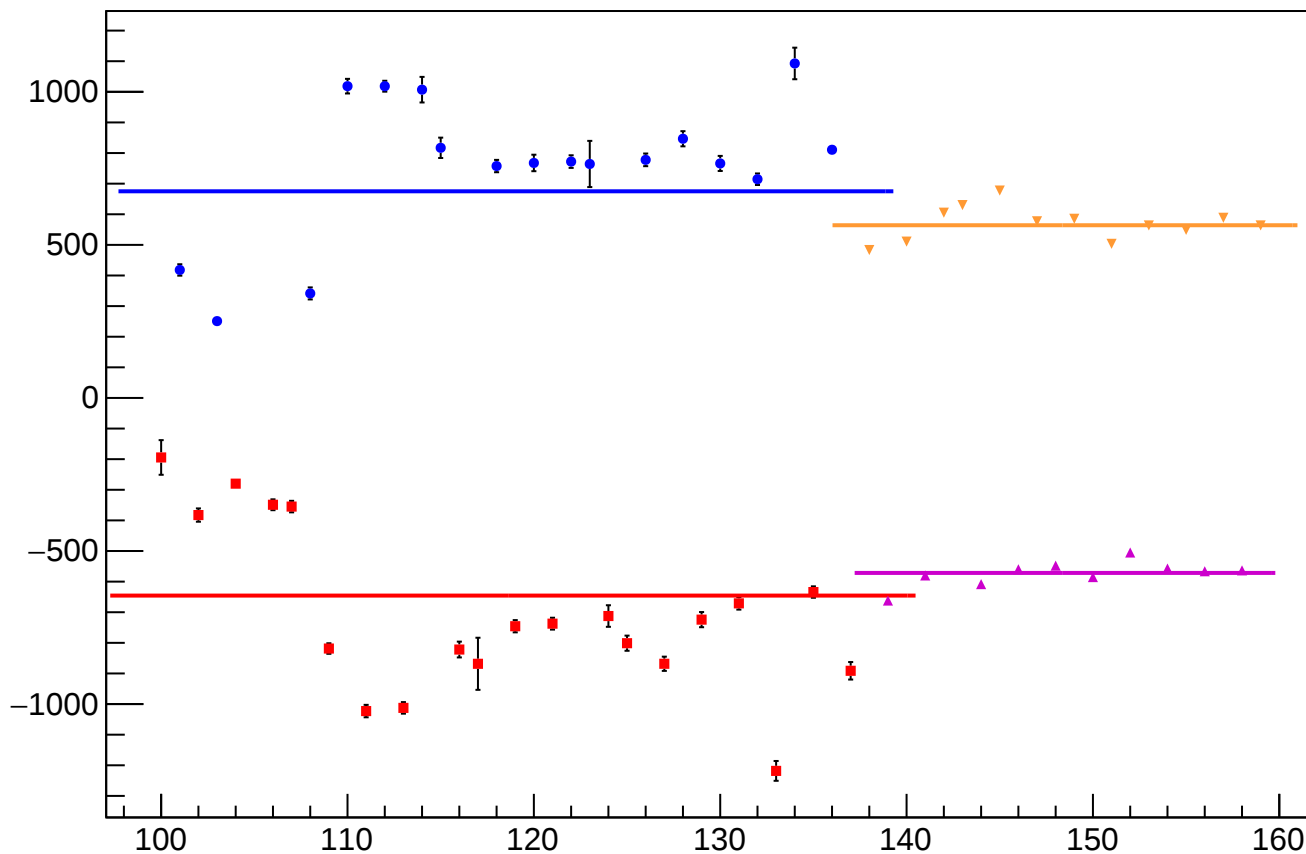
Left In: -17.629 ± 1.984 χ^2/NDF : 117.0/9

3.887 ± 1.560 χ^2/NDF : 638.8/28

-1.820 ± 1.109 χ^2/NDF : 1222.0/58

-7.665 ± 1.578 χ^2/NDF : 556.0/29

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.045 ± 5.067 $\chi^2/\text{NDF}: 2584.3/16$

Left Out: 564.167 ± 2.835 $\chi^2/\text{NDF}: 337.1/11$

Right Out: -645.613 ± 4.754 $\chi^2/\text{NDF}: 3129.0/19$

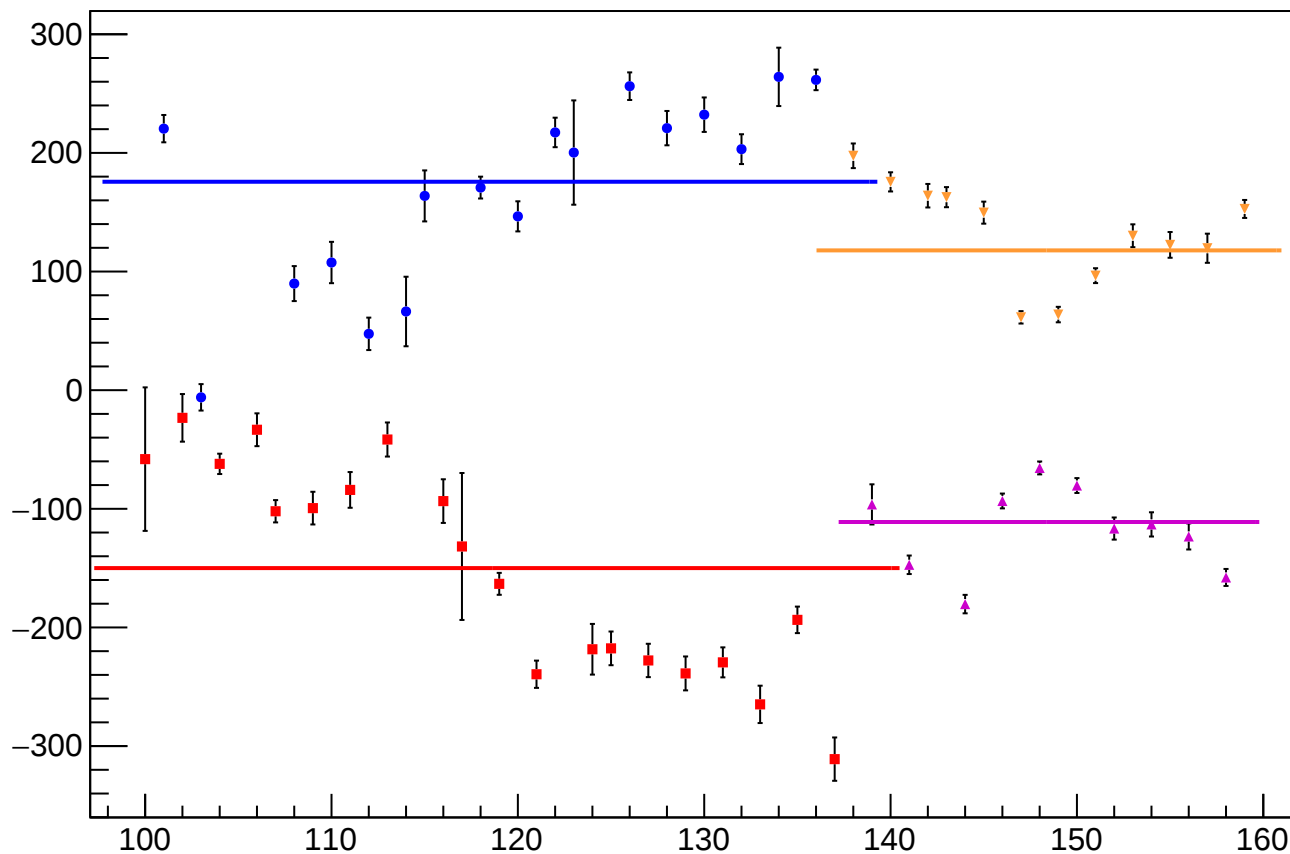
Left In: -571.598 ± 2.943 $\chi^2/\text{NDF}: 148.6/9$

590.603 ± 2.474 $\chi^2/\text{NDF}: 3286.1/28$

5.890 ± 1.759 $\chi^2/\text{NDF}: 119693.7/58$

-592.105 ± 2.502 $\chi^2/\text{NDF}: 3452.9/29$

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.686 $\pm$ 3.239 χ^2 /NDF: 637.9/16

Left Out: 117.824 $\pm$ 2.299 χ^2 /NDF: 391.5/11

Right Out: -149.973 $\pm$ 3.038 χ^2 /NDF: 693.8/19

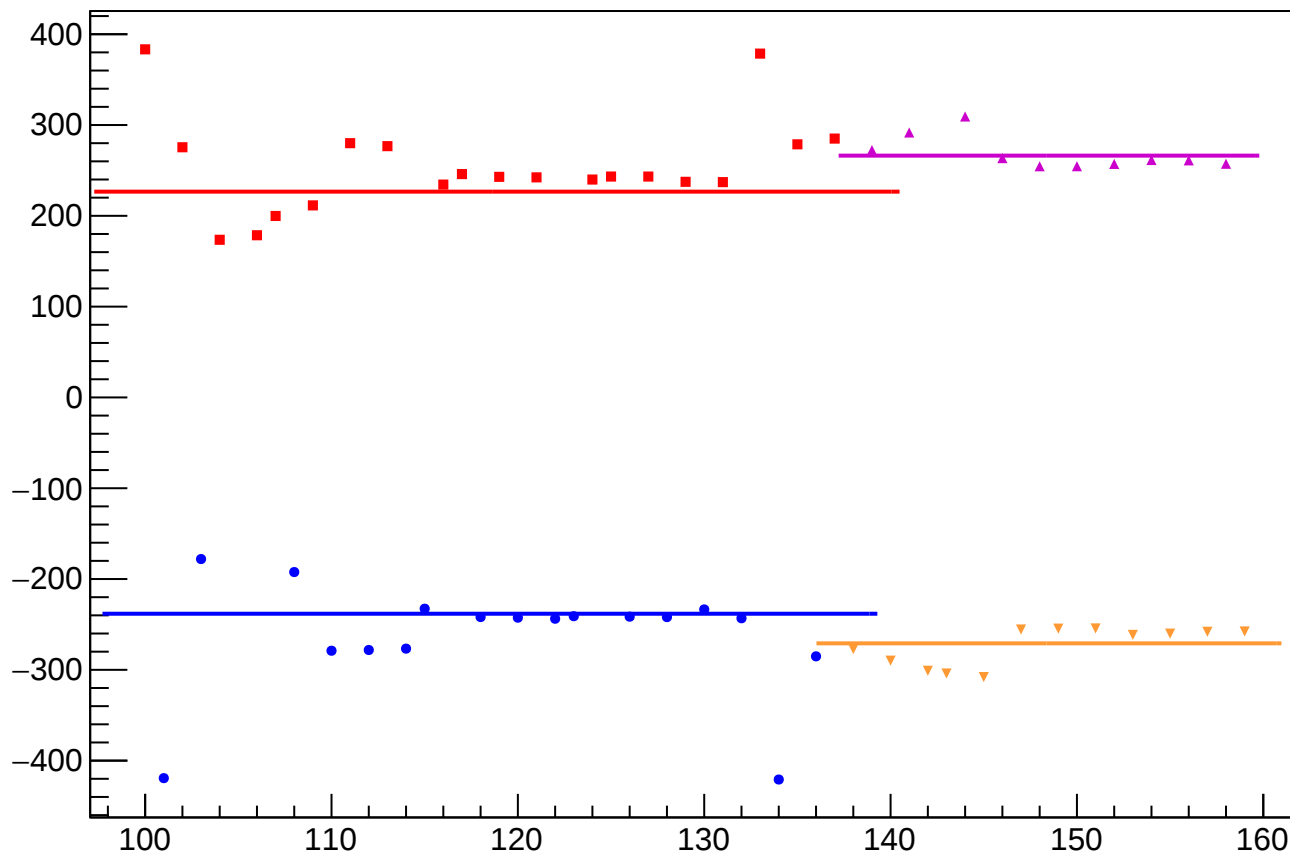
Left In: -111.118 $\pm$ 2.424 χ^2 /NDF: 247.8/9

137.211 $\pm$ 1.875 χ^2 /NDF: 1241.6/28

6.904 $\pm$ 1.333 χ^2 /NDF: 12050.6/58

-126.232 $\pm$ 1.895 χ^2 /NDF: 1041.5/29

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217 ± 0.160 χ^2/NDF : 167120.0/16

Left Out: -270.818 ± 0.115 χ^2/NDF : 29131.2/11

Right Out: 226.626 ± 0.151 χ^2/NDF : 102587.0/19

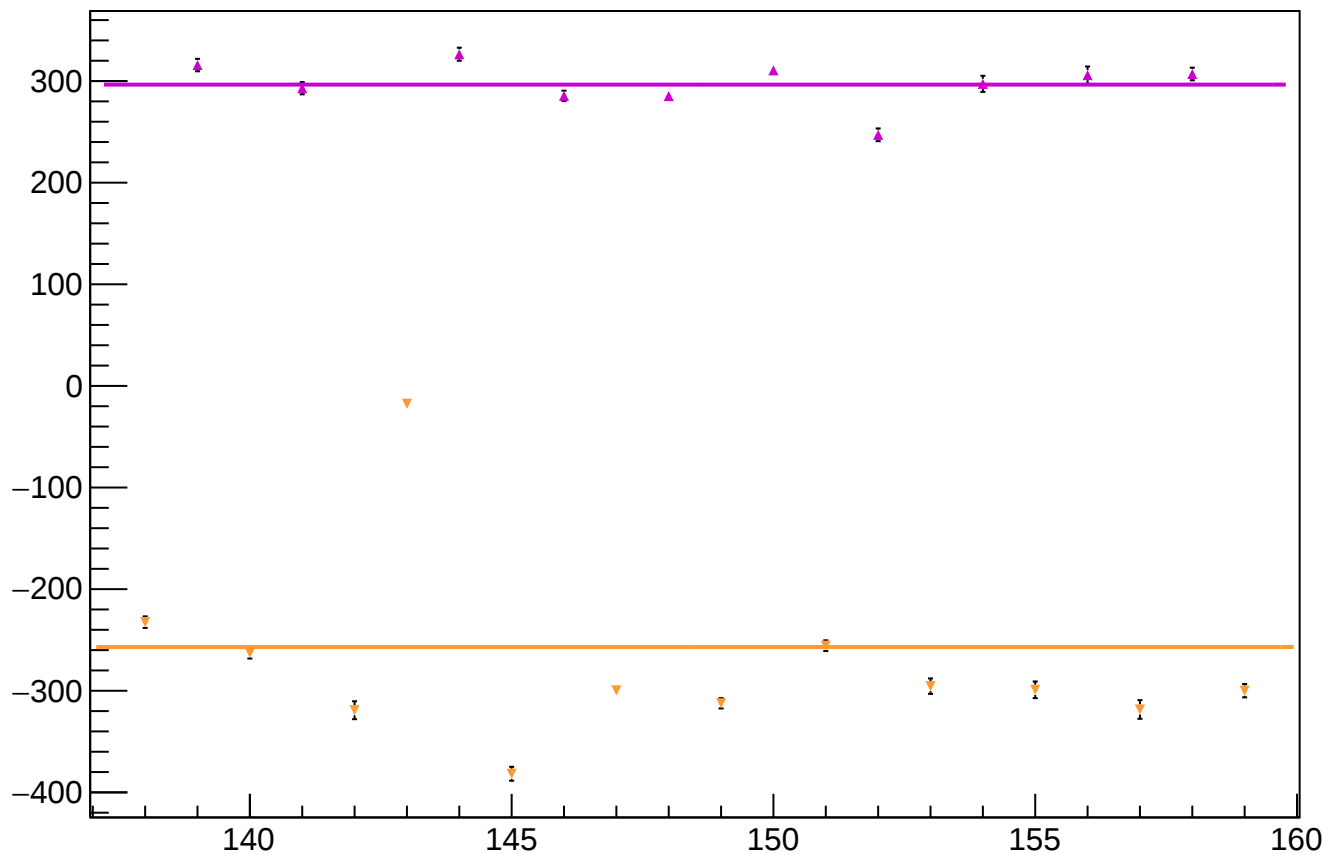
Left In: 266.288 ± 0.118 χ^2/NDF : 18797.6/9

-259.781 ± 0.093 χ^2/NDF : 223556.1/28

-2.772 ± 0.066 χ^2/NDF : 15457298.6/58

251.320 ± 0.093 χ^2/NDF : 164274.4/29

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -256.980+/-1.758 χ^2/NDF : 3074.8/11

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

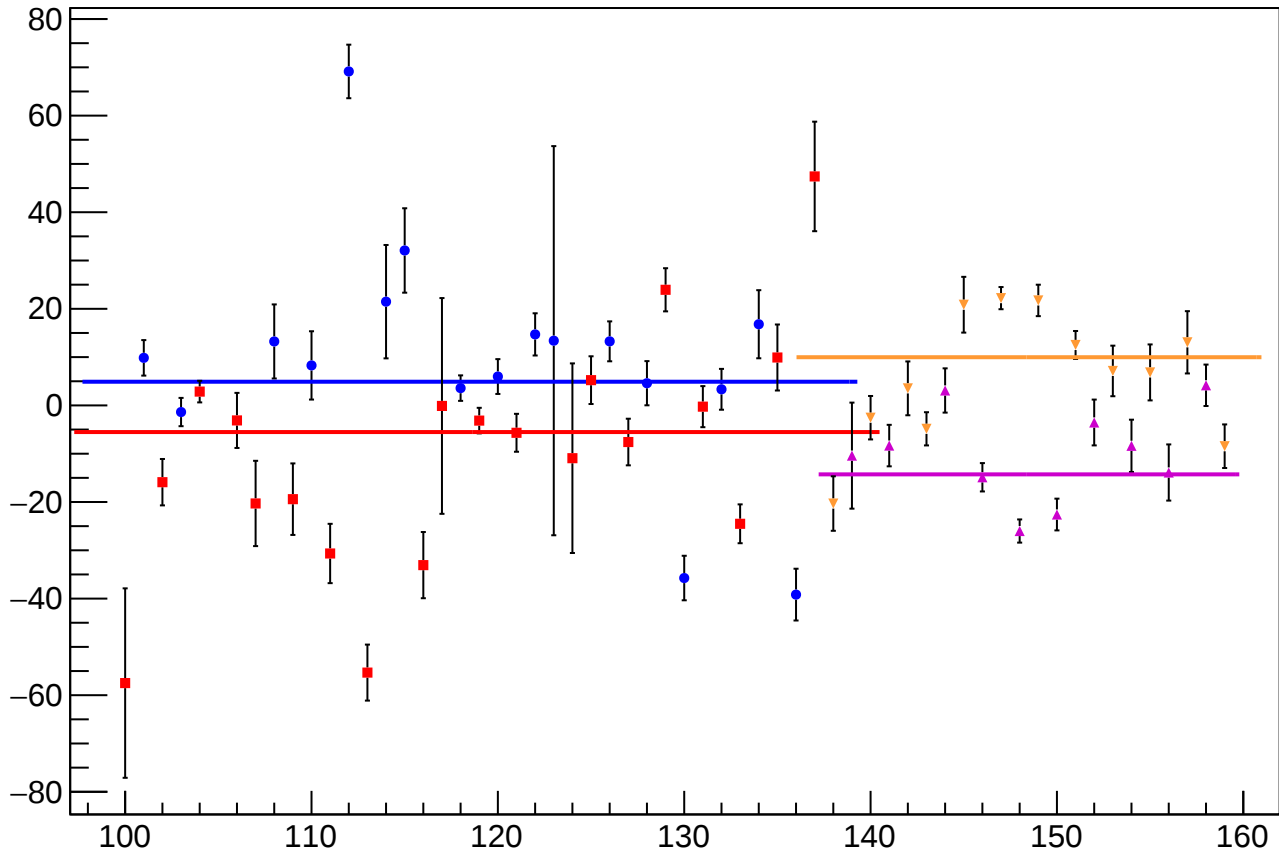
Left In: 296.513+/-1.889 χ^2/NDF : 115.7/9

-256.980+/-1.758 χ^2/NDF : 3074.8/11

-0.140+/-1.287 χ^2/NDF : 49198.7/21

296.513+/-1.889 χ^2/NDF : 115.7/9

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.905 ± 1.105 χ^2/NDF : 311.7/16

Left Out: 9.978 ± 1.139 χ^2/NDF : 119.8/11

Right Out: -5.517 ± 1.067 χ^2/NDF : 239.0/19

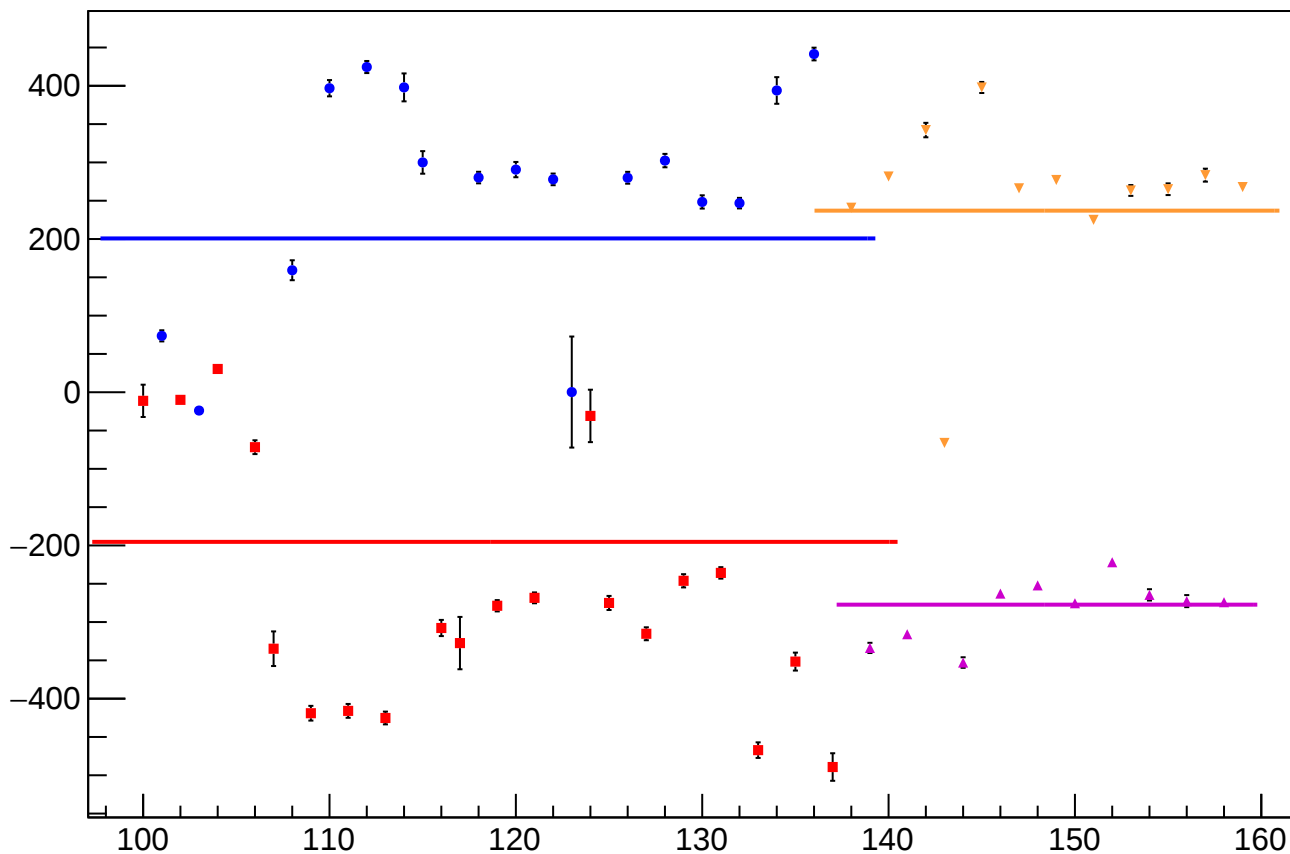
Left In: -14.277 ± 1.236 χ^2/NDF : 71.6/9

7.365 ± 0.793 χ^2/NDF : 441.7/28

-0.797 ± 0.566 χ^2/NDF : 996.6/58

-9.260 ± 0.808 χ^2/NDF : 339.3/29

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 200.773 $\pm$ 1.983 χ^2/NDF : 6733.0/16

Left Out: 237.039 $\pm$ 1.733 χ^2/NDF : 4176.5/11

Right Out: -195.311 $\pm$ 1.921 χ^2/NDF : 8262.1/19

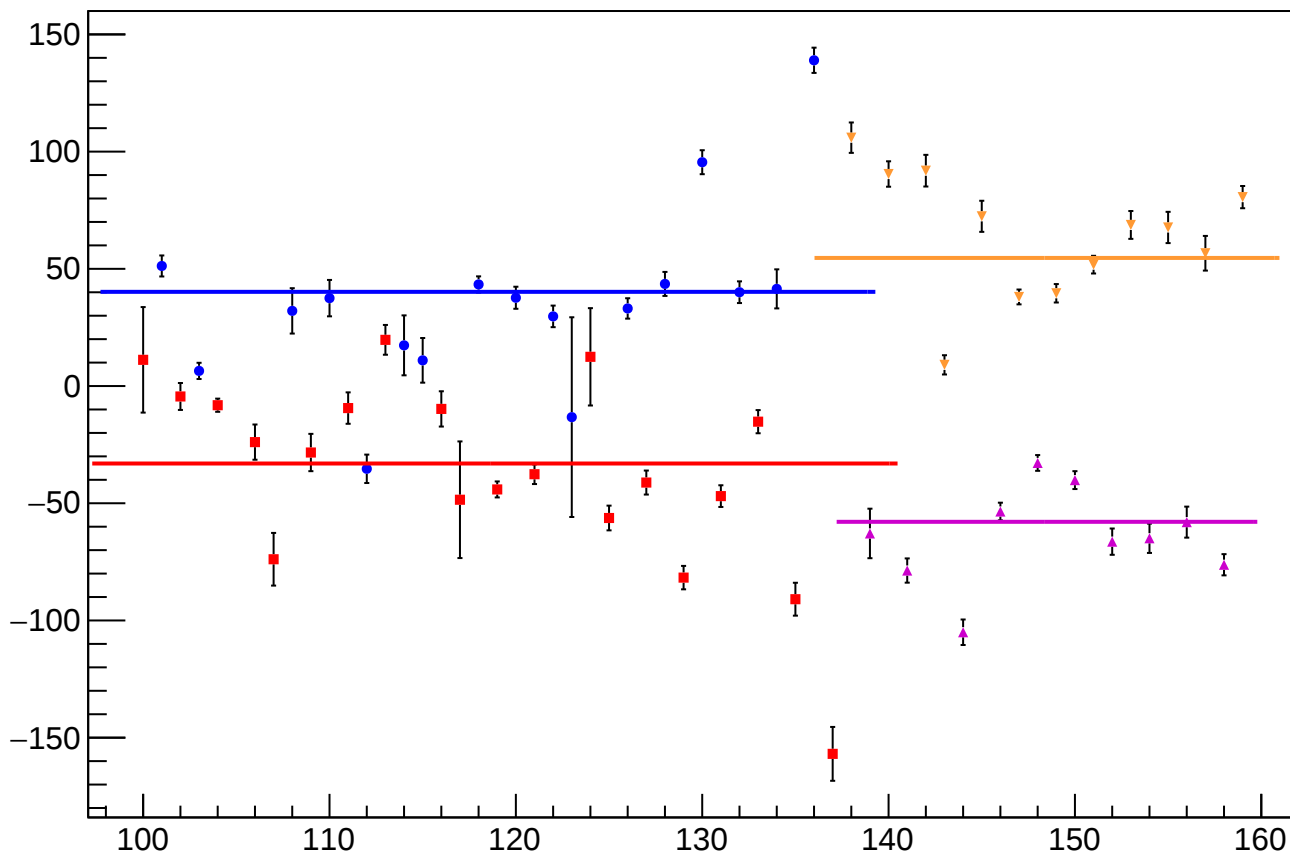
Left In: -277.296 $\pm$ 1.835 χ^2/NDF : 354.9/9

221.338 $\pm$ 1.305 χ^2/NDF : 11099.1/28

-4.585 $\pm$ 0.930 χ^2/NDF : 81634.5/58

-238.173 $\pm$ 1.327 χ^2/NDF : 9569.5/29

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.185 ± 1.283 χ^2/NDF : 734.6/16

Left Out: 54.647 ± 1.400 χ^2/NDF : 349.3/11

Right Out: -33.045 ± 1.249 χ^2/NDF : 553.1/19

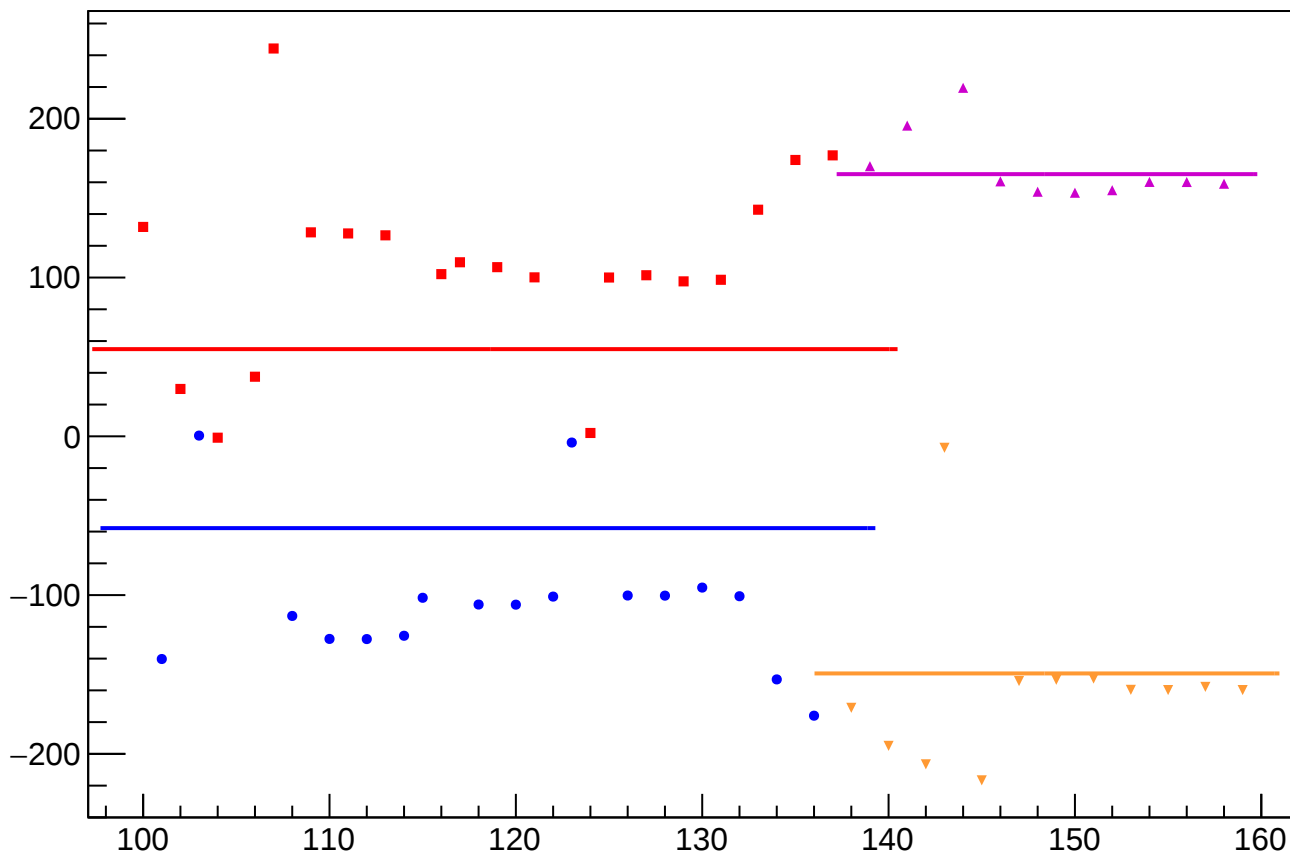
Left In: -57.919 ± 1.513 χ^2/NDF : 190.3/9

46.787 ± 0.946 χ^2/NDF : 1141.8/28

2.630 ± 0.675 χ^2/NDF : 6482.6/58

-43.127 ± 0.963 χ^2/NDF : 904.2/29

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -57.821 $\pm$ 0.062 χ^2/NDF : 1101296.2/16

Left Out: -149.337 $\pm$ 0.070 χ^2/NDF : 578573.0/11

Right Out: 54.915 $\pm$ 0.060 χ^2/NDF : 1001968.3/19

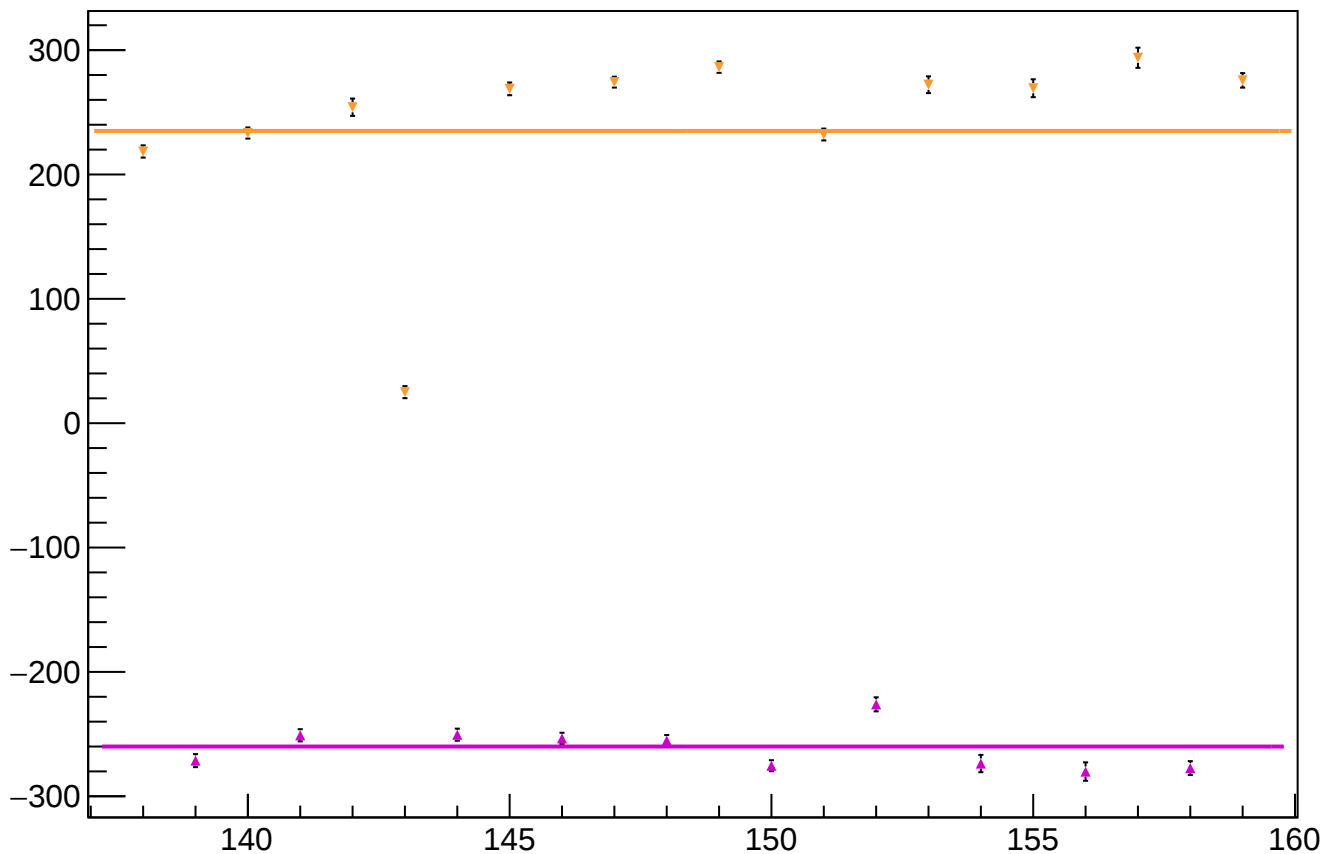
Left In: 165.124 $\pm$ 0.073 χ^2/NDF : 57272.4/9

-97.830 $\pm$ 0.046 χ^2/NDF : 2638916.0/28

0.401 $\pm$ 0.033 χ^2/NDF : 14060703.7/58

99.305 $\pm$ 0.047 χ^2/NDF : 2409728.1/29

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 234.983+/-1.541 χ^2/NDF : 2282.3/11

234.983+/-1.541 χ^2/NDF : 2282.3/11

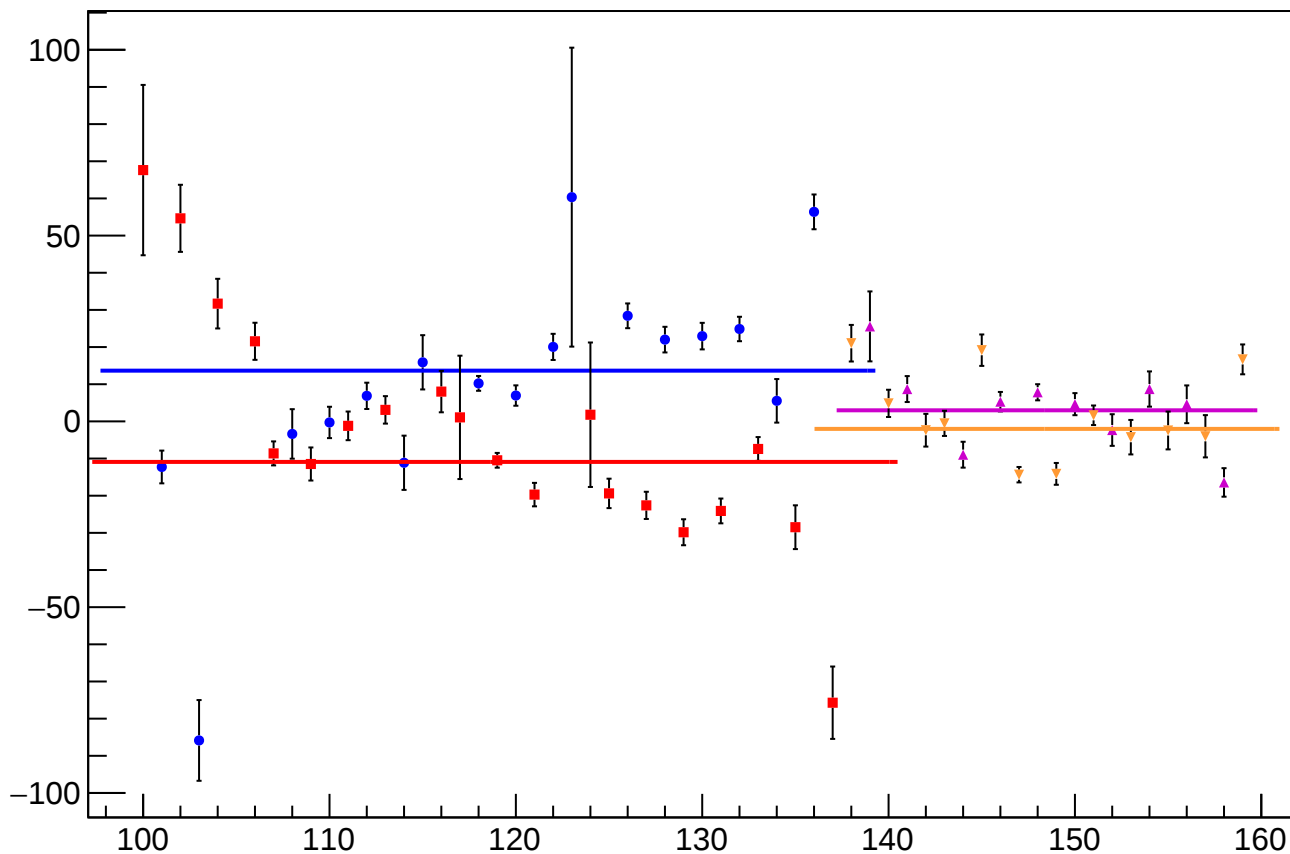
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.421+/-1.122 χ^2/NDF : 50817.9/21

Left In: -260.023+/-1.637 χ^2/NDF : 84.2/9

-260.023+/-1.637 χ^2/NDF : 84.2/9

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.652 $\pm$ 0.936 χ^2 /NDF: 294.0/16

Left Out: -2.020 $\pm$ 1.010 χ^2 /NDF: 126.9/11

Right Out: -10.908 $\pm$ 0.912 χ^2 /NDF: 303.1/19

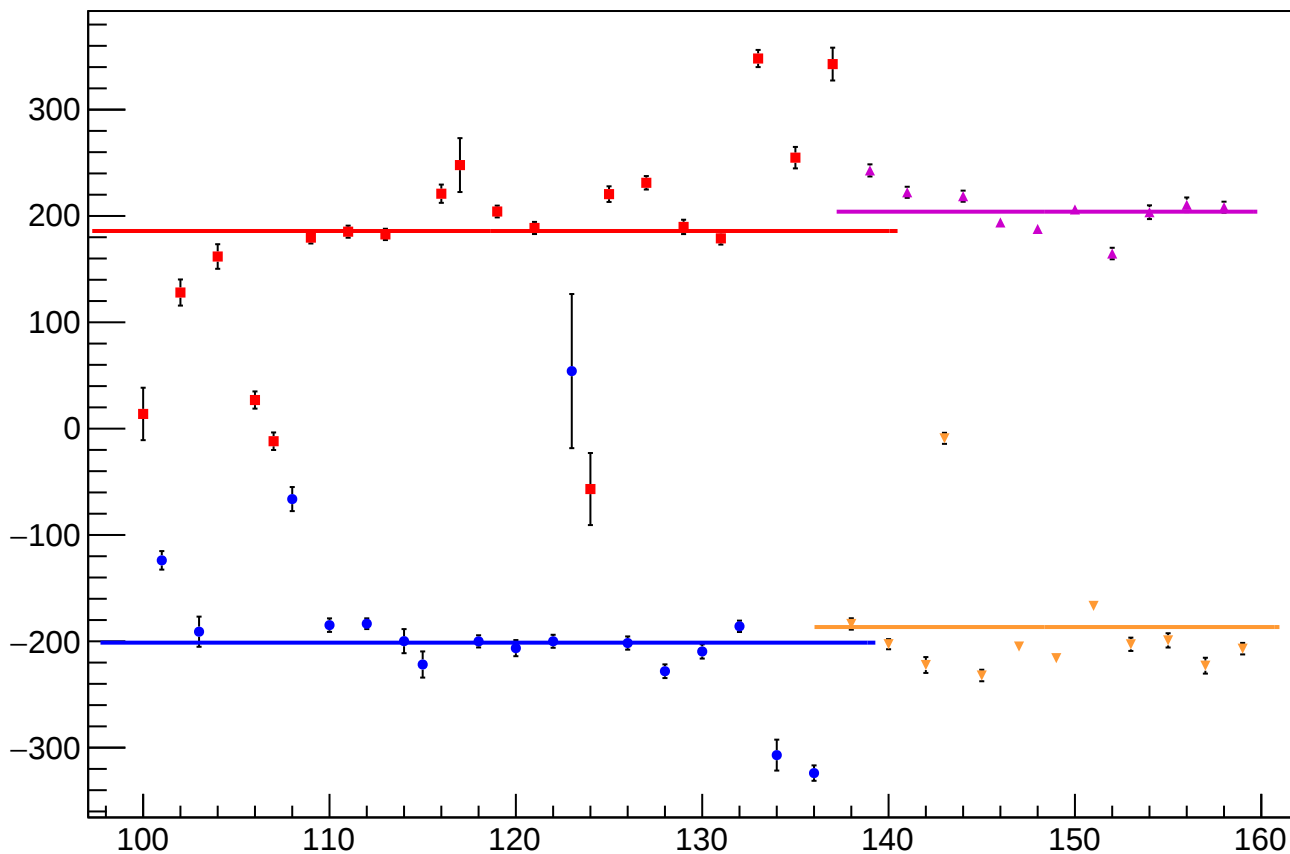
Left In: 2.979 $\pm$ 1.083 χ^2 /NDF: 55.0/9

6.409 $\pm$ 0.687 χ^2 /NDF: 550.4/28

0.722 $\pm$ 0.489 χ^2 /NDF: 1144.1/58

-5.146 $\pm$ 0.697 χ^2 /NDF: 454.3/29

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.266 ± 1.795 χ^2/NDF : 623.4/16

Left Out: -186.578 ± 1.525 χ^2/NDF : 1404.4/11

Right Out: 185.871 ± 1.695 χ^2/NDF : 1752.0/19

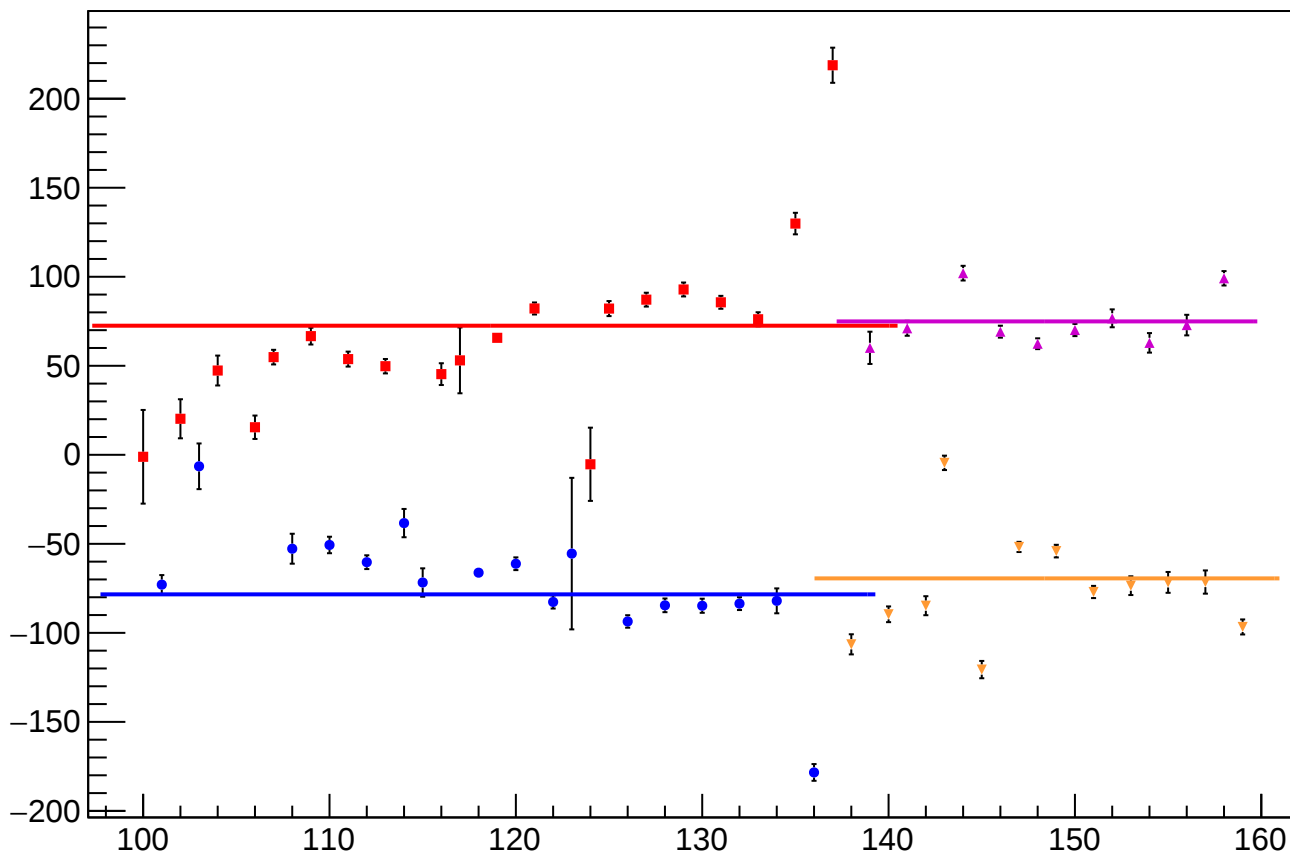
Left In: 204.031 ± 1.599 χ^2/NDF : 141.6/9

-192.733 ± 1.162 χ^2/NDF : 2066.7/28

1.189 ± 0.822 χ^2/NDF : 59755.8/58

195.482 ± 1.163 χ^2/NDF : 1954.4/29

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -78.376 ± 1.081 χ^2/NDF : 651.4/16

Left Out: -69.405 ± 1.238 χ^2/NDF : 544.5/11

Right Out: 72.514 ± 1.050 χ^2/NDF : 607.0/19

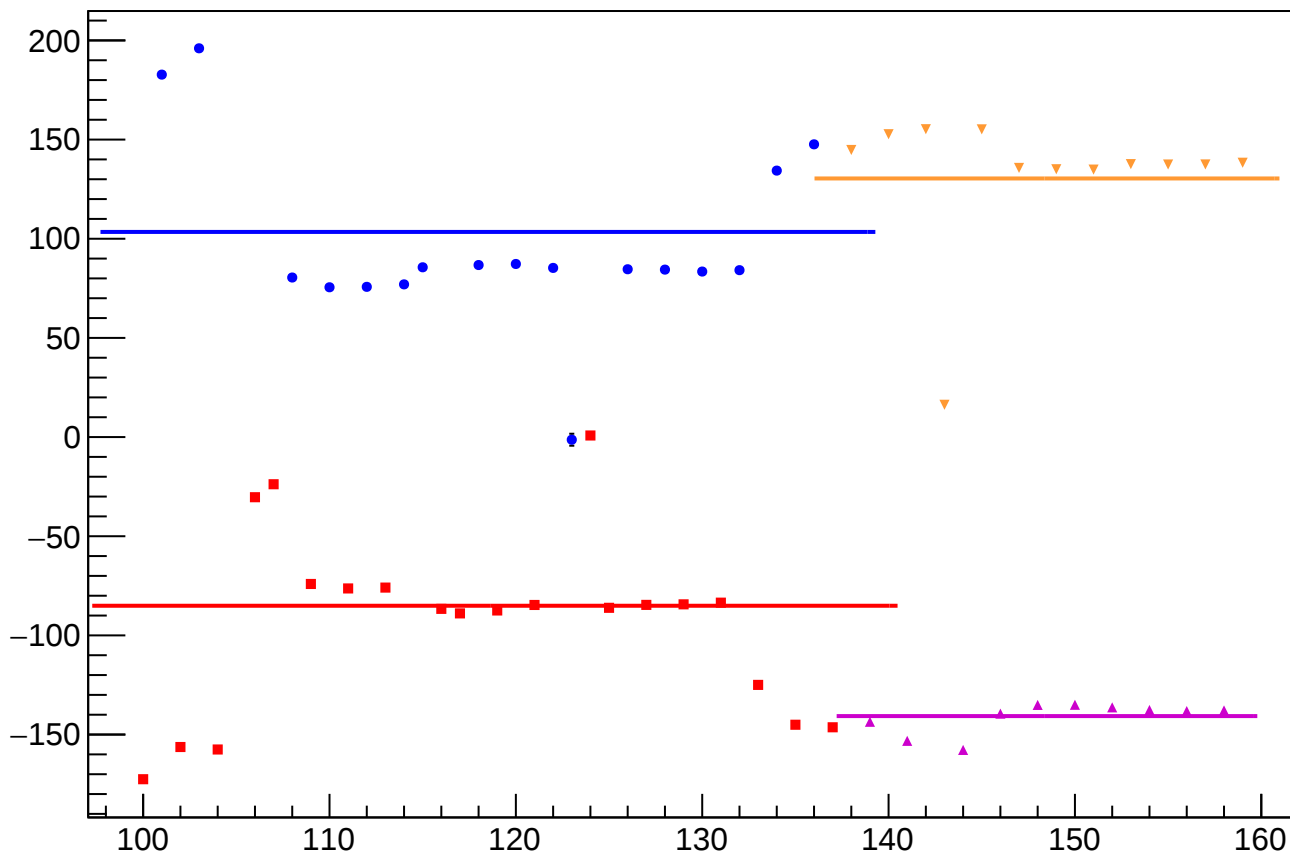
Left In: 74.924 ± 1.321 χ^2/NDF : 109.4/9

-74.494 ± 0.814 χ^2/NDF : 1225.6/28

-1.207 ± 0.579 χ^2/NDF : 18288.8/58

73.446 ± 0.822 χ^2/NDF : 718.4/29

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.436 $\pm$ 0.071 χ^2/NDF : 272785.6/16

Left Out: 130.396 $\pm$ 0.062 χ^2/NDF : 343889.9/11

Right Out: -85.054 $\pm$ 0.064 χ^2/NDF : 422354.0/19

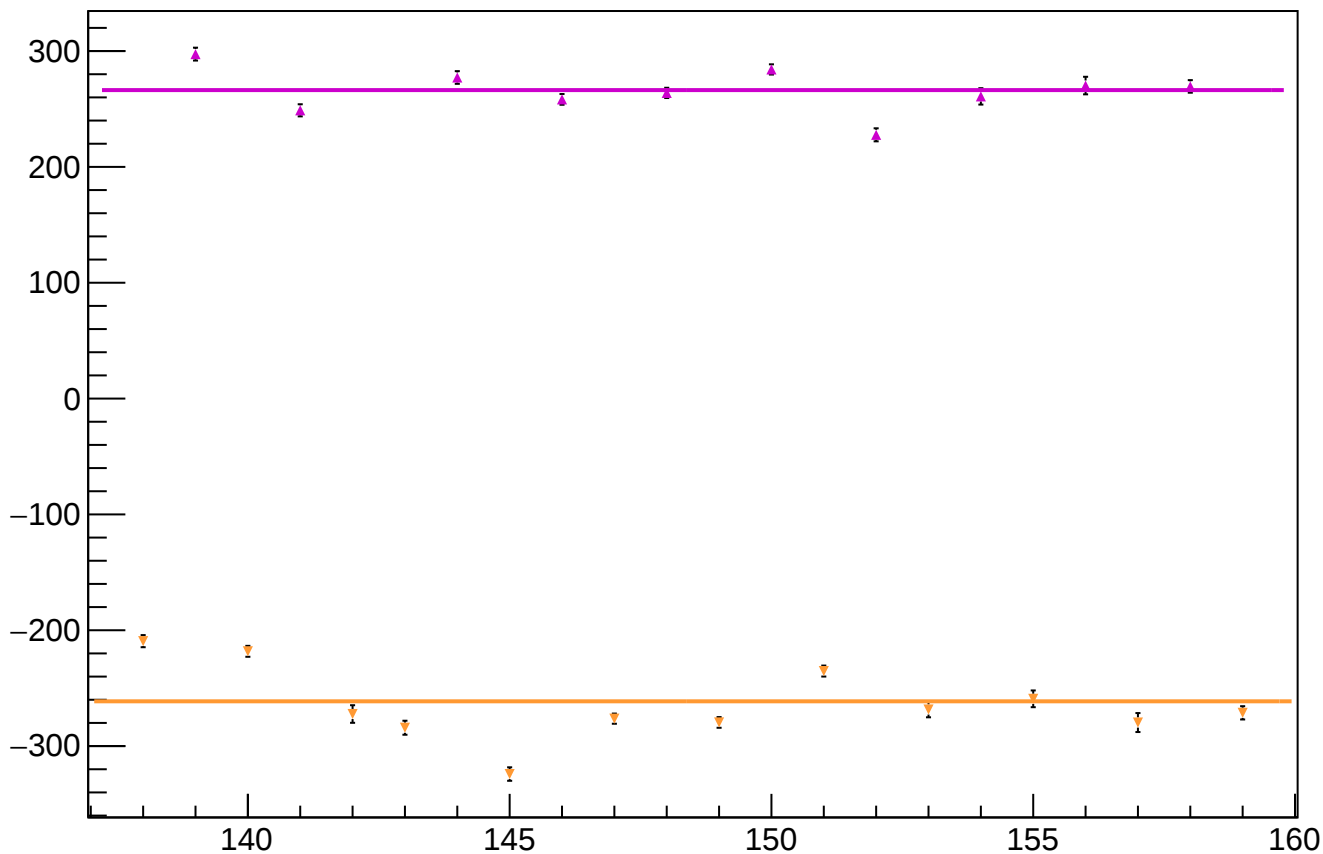
Left In: -140.689 $\pm$ 0.064 χ^2/NDF : 12357.5/9

118.795 $\pm$ 0.046 χ^2/NDF : 699099.8/28

-0.532 $\pm$ 0.032 χ^2/NDF : 14296616.2/58

-112.764 $\pm$ 0.045 χ^2/NDF : 815301.8/29

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -261.345+/-1.611 χ^2/NDF : 381.0/11

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

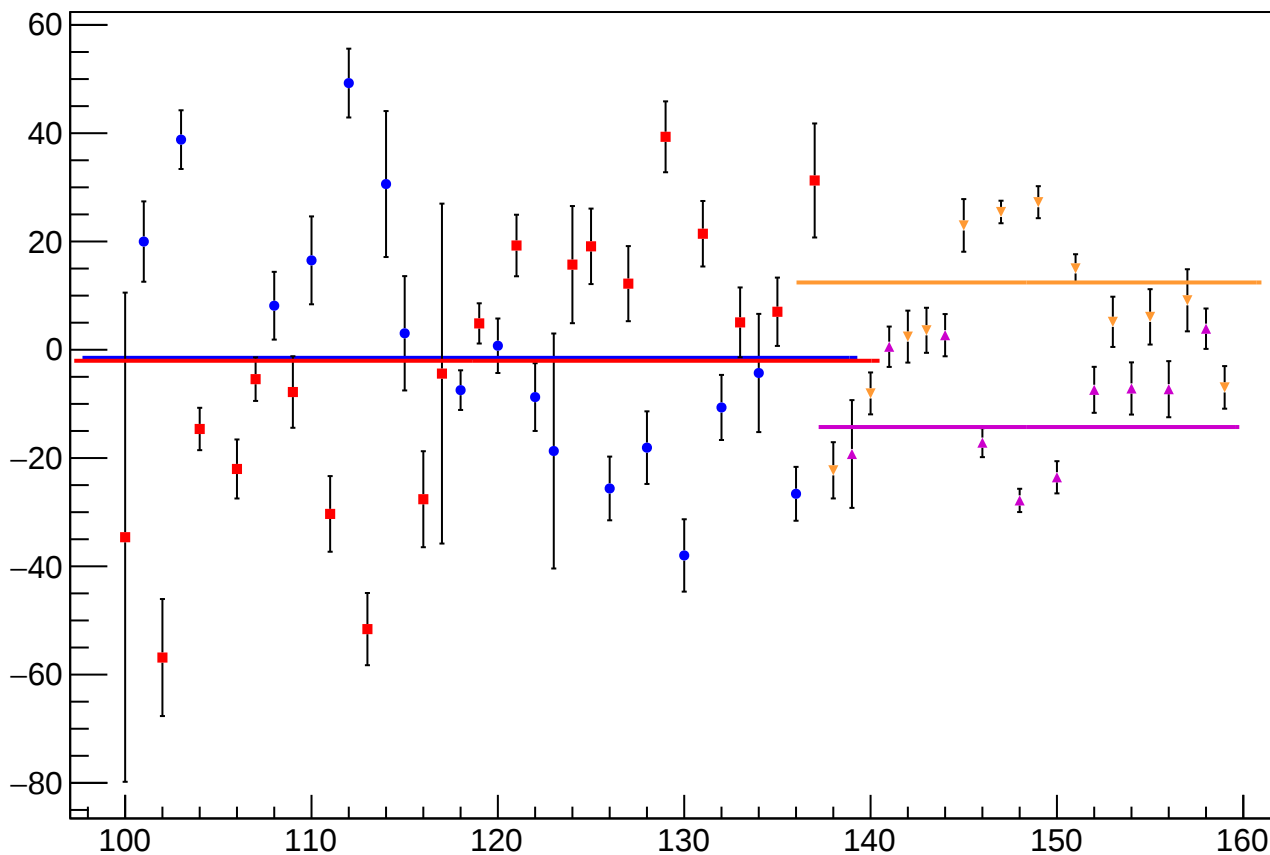
Left In: 266.302+/-1.681 χ^2/NDF : 114.2/9

-261.345+/-1.611 χ^2/NDF : 381.0/11

-8.604+/-1.163 χ^2/NDF : 51847.9/21

266.302+/-1.681 χ^2/NDF : 114.2/9

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.490 ± 1.536 χ^2/NDF : 226.0/16

Left Out: 12.429 ± 1.043 χ^2/NDF : 180.0/11

Right Out: -2.032 ± 1.398 χ^2/NDF : 233.3/19

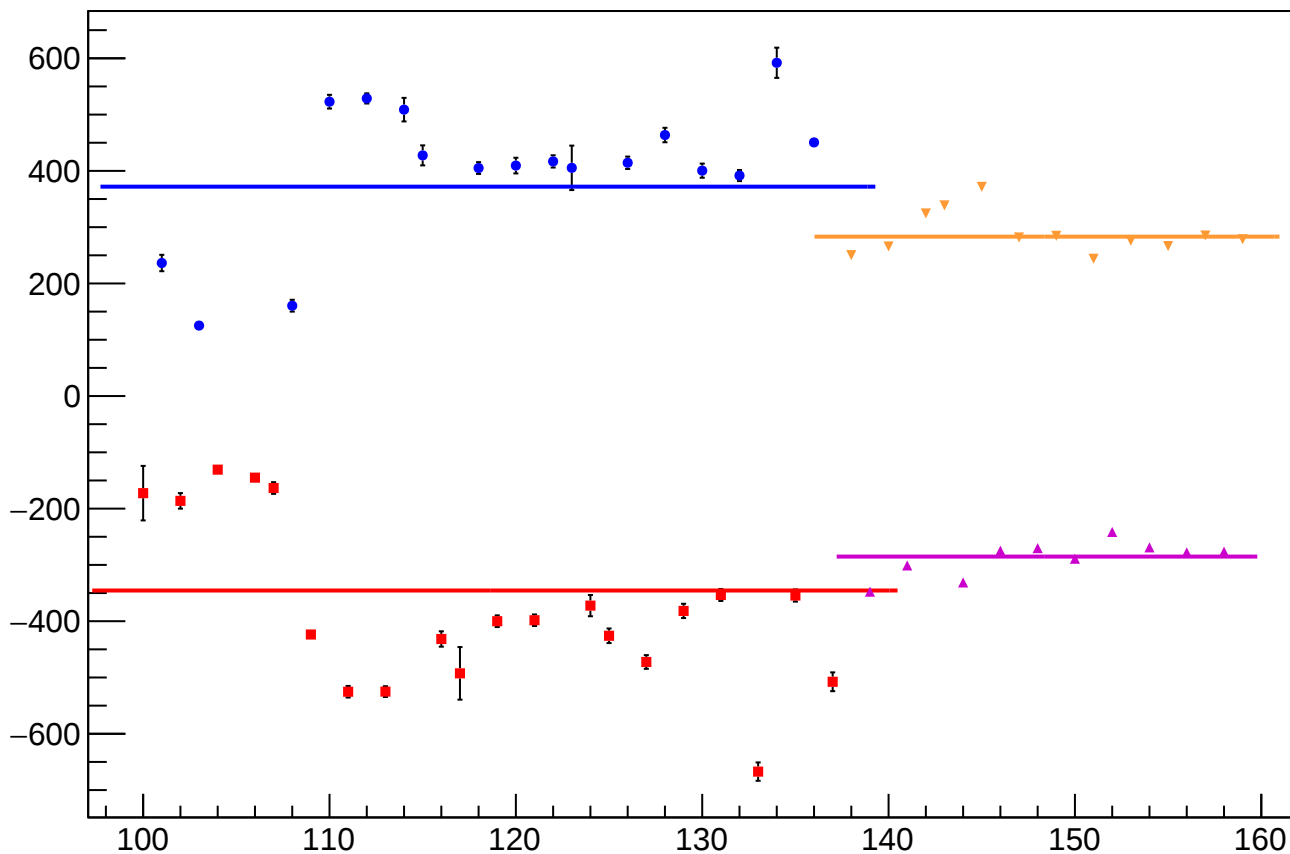
Left In: -14.271 ± 1.102 χ^2/NDF : 116.0/9

8.035 ± 0.863 χ^2/NDF : 462.2/28

-0.753 ± 0.611 χ^2/NDF : 1066.5/58

-9.584 ± 0.865 χ^2/NDF : 396.5/29

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.975+/-2.778 χ^2/NDF : 2432.6/16

Left Out: 283.178+/-1.583 χ^2/NDF : 438.8/11

Right Out: -345.485+/-2.558 χ^2/NDF : 3425.1/19

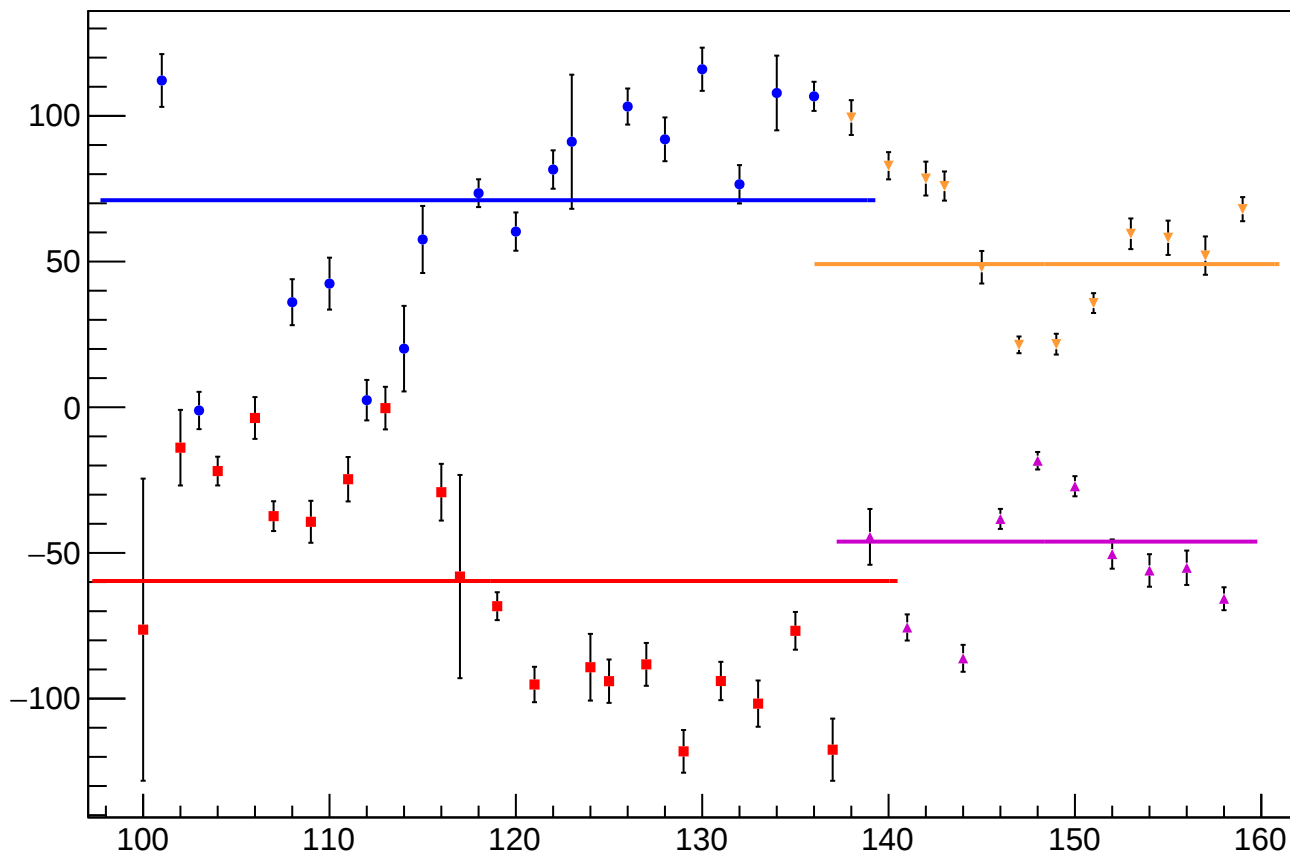
Left In: -285.190+/-1.634 χ^2/NDF : 272.2/9

304.948+/-1.375 χ^2/NDF : 3642.8/28

1.555+/-0.973 χ^2/NDF : 105192.8/58

-302.664+/-1.377 χ^2/NDF : 4091.8/29

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 71.056 $\pm$ 1.764 χ^2 /NDF: 426.2/16

Left Out: 49.127 $\pm$ 1.283 χ^2 /NDF: 372.3/11

Right Out: -59.634 $\pm$ 1.629 χ^2 /NDF: 491.6/19

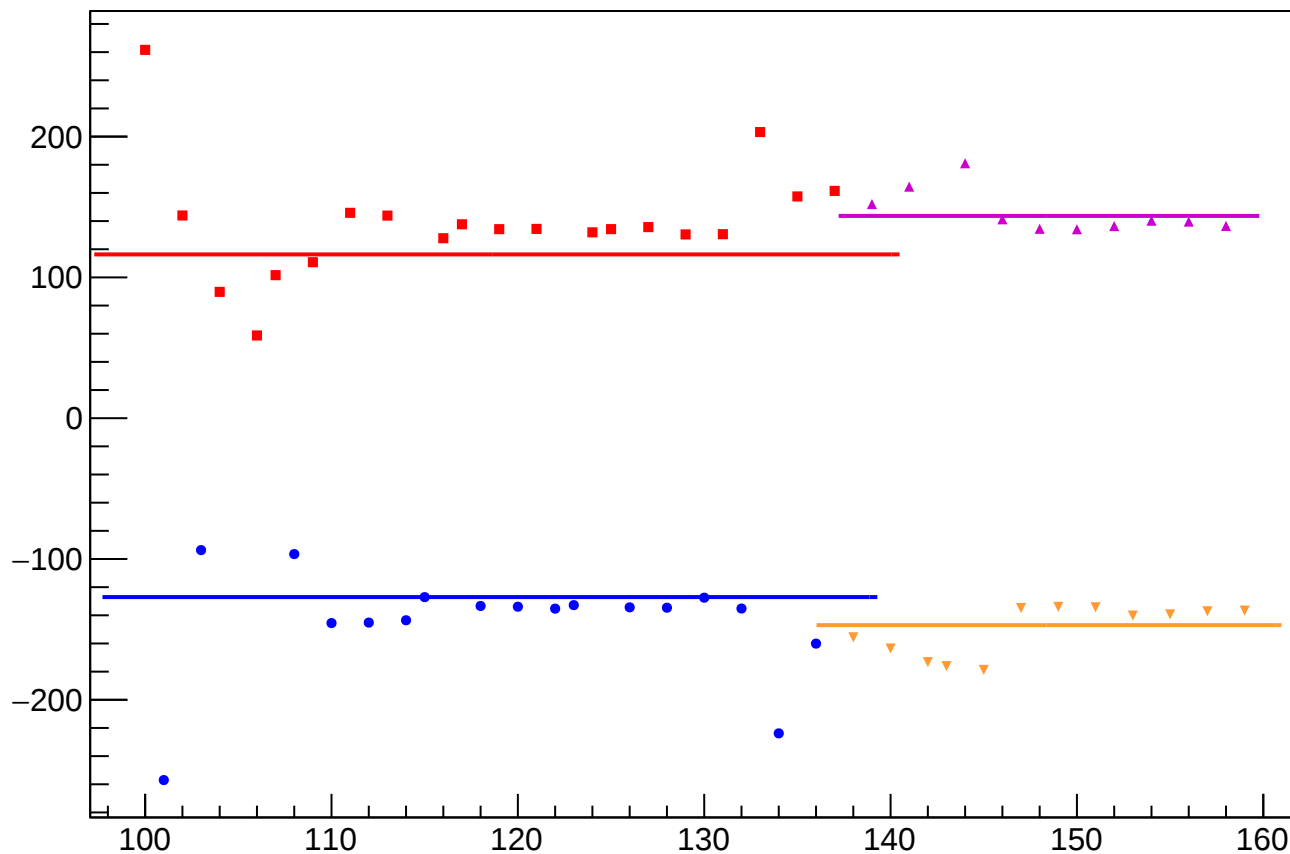
Left In: -46.117 $\pm$ 1.346 χ^2 /NDF: 269.9/9

56.711 $\pm$ 1.037 χ^2 /NDF: 899.6/28

2.574 $\pm$ 0.734 χ^2 /NDF: 7150.6/58

-51.600 $\pm$ 1.038 χ^2 /NDF: 802.4/29

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.049+/-0.090 χ^2/NDF : 167014.4/16

Left Out: -146.976+/-0.064 χ^2/NDF : 62950.3/11

Right Out: 116.327+/-0.083 χ^2/NDF : 167208.7/19

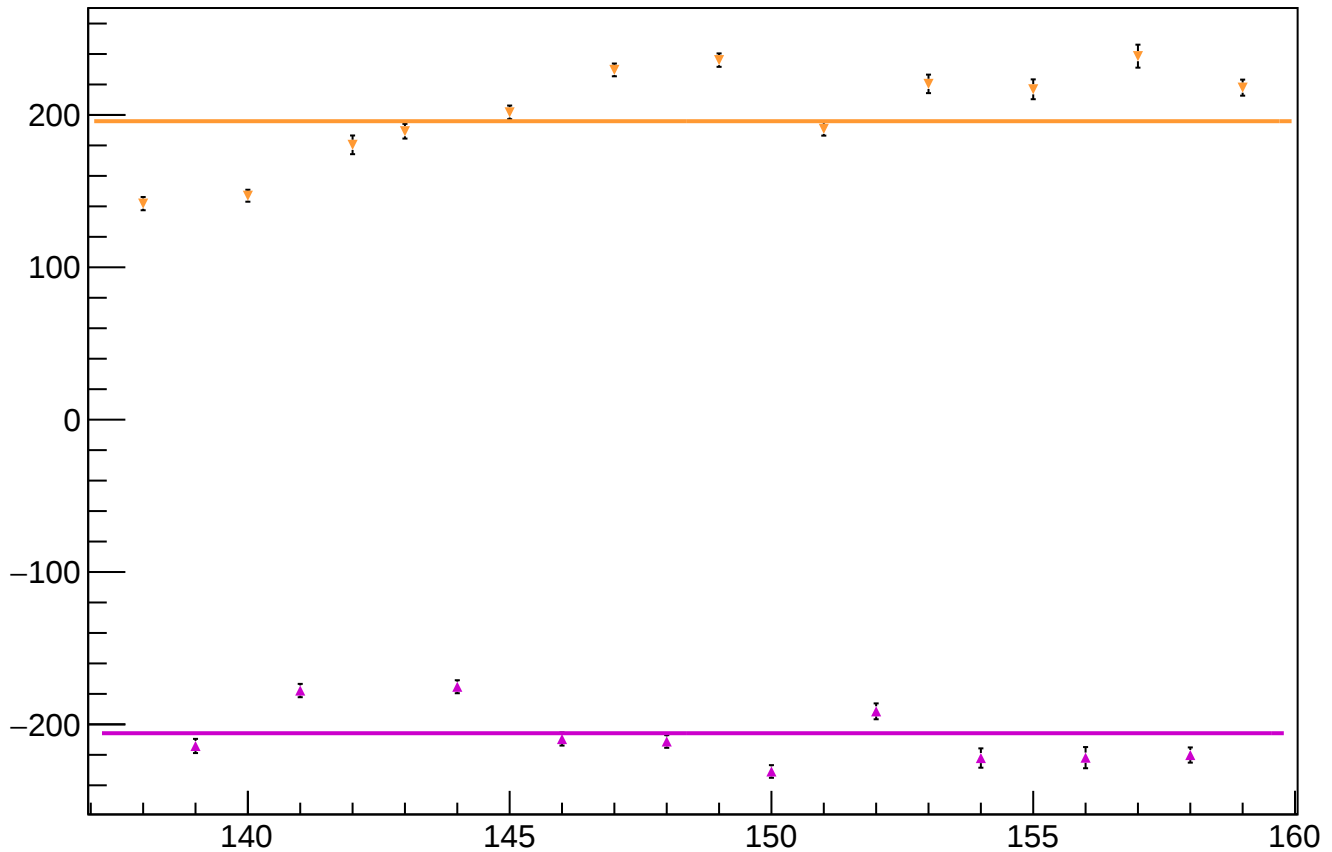
Left In: 143.676+/-0.065 χ^2/NDF : 40323.4/9

-140.260+/-0.052 χ^2/NDF : 262626.9/28

-1.282+/-0.037 χ^2/NDF : 14529472.6/58

133.220+/-0.051 χ^2/NDF : 274719.5/29

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 195.899 ± 1.415 χ^2/NDF : 543.8/11

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

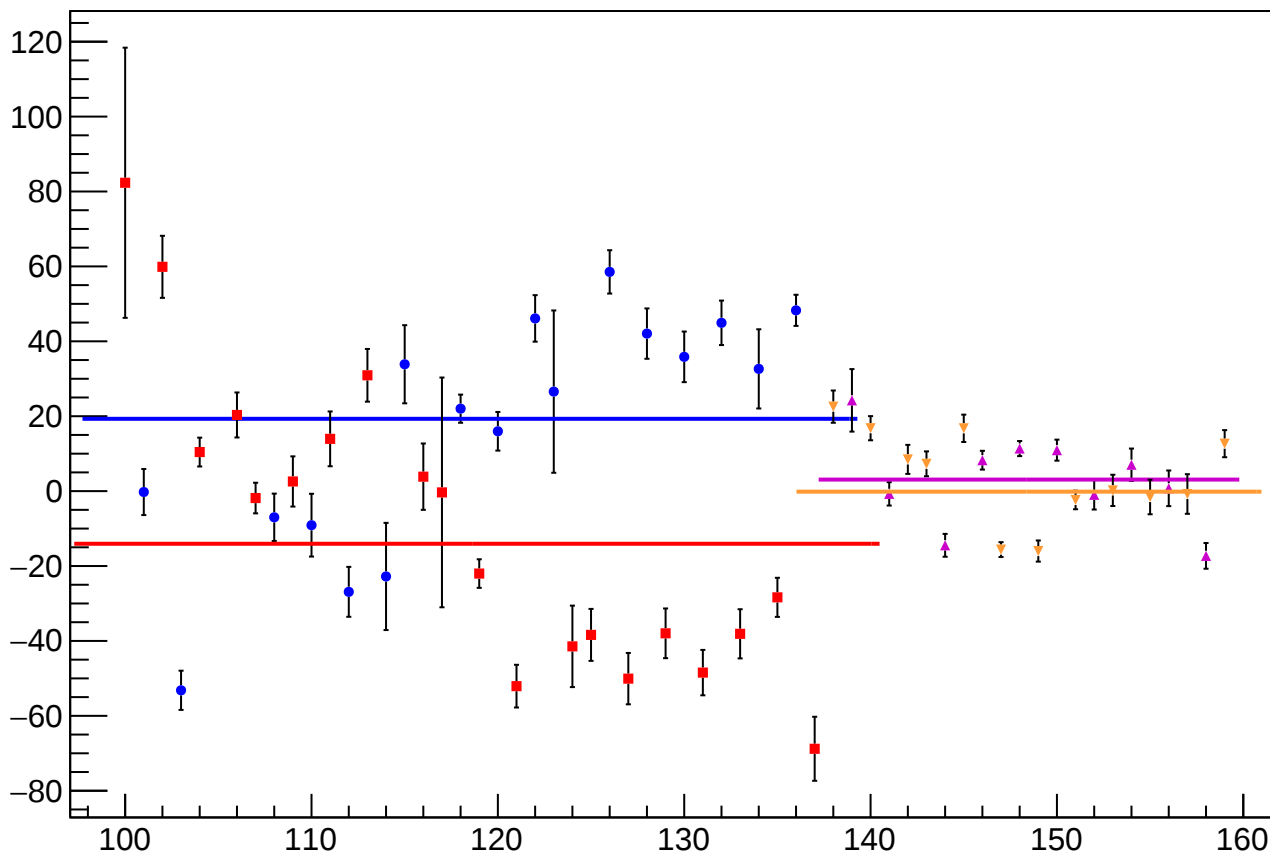
Left In: -205.813 ± 1.498 χ^2/NDF : 162.0/9

195.899 ± 1.415 χ^2/NDF : 543.8/11

6.546 ± 1.029 χ^2/NDF : 38713.3/21

-205.813 ± 1.498 χ^2/NDF : 162.0/9

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.308 $\pm$ 1.500 χ^2 /NDF: 441.3/16

Left Out: -0.141 $\pm$ 0.936 χ^2 /NDF: 192.6/11

Right Out: -14.055 $\pm$ 1.388 χ^2 /NDF: 437.1/19

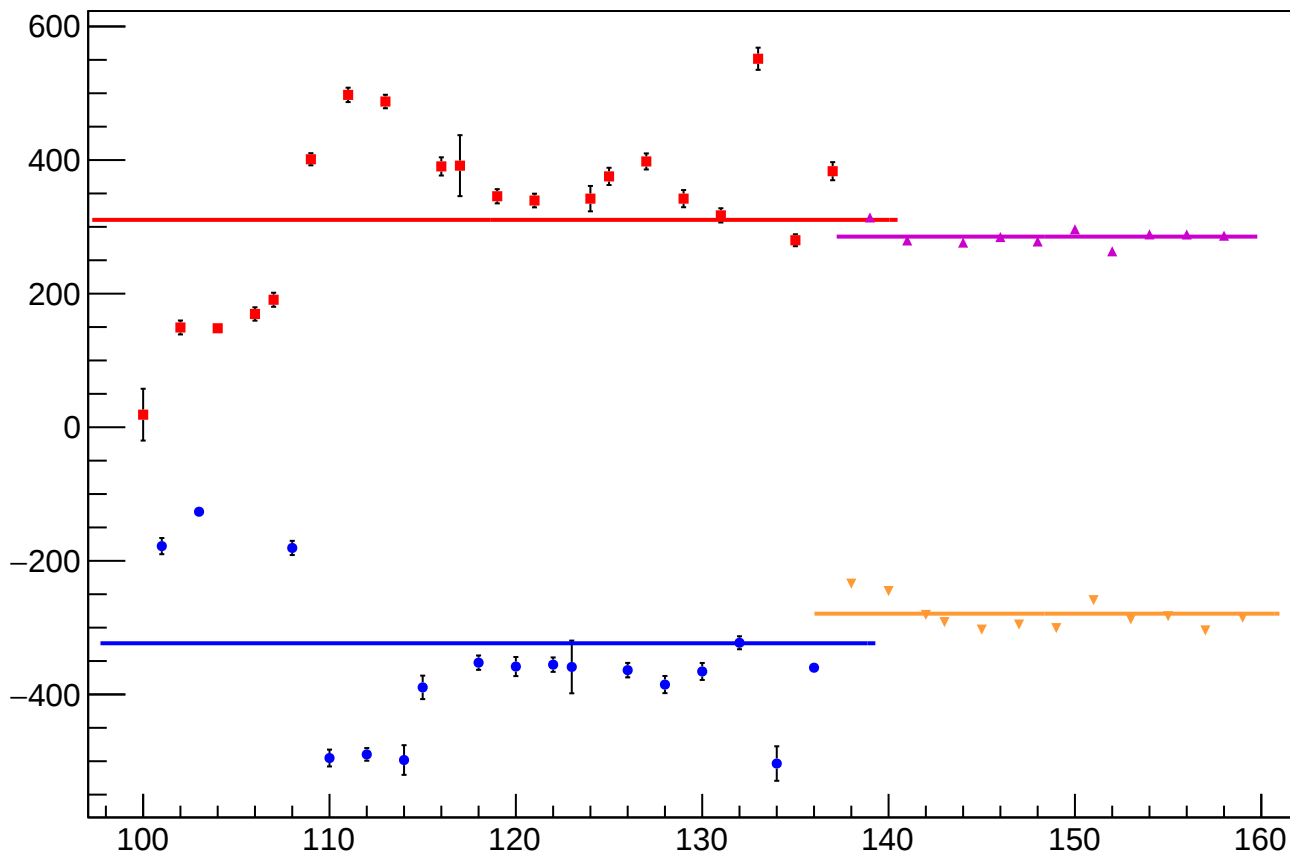
Left In: 3.082 $\pm$ 0.998 χ^2 /NDF: 107.4/9

5.309 $\pm$ 0.794 χ^2 /NDF: 754.8/28

1.358 $\pm$ 0.567 χ^2 /NDF: 1450.3/58

-2.754 $\pm$ 0.810 χ^2 /NDF: 645.0/29

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.402 ± 2.684 χ^2/NDF : 1849.6/16

Left Out: -279.092 ± 1.403 χ^2/NDF : 272.3/11

Right Out: 310.484 ± 2.520 χ^2/NDF : 2302.0/19

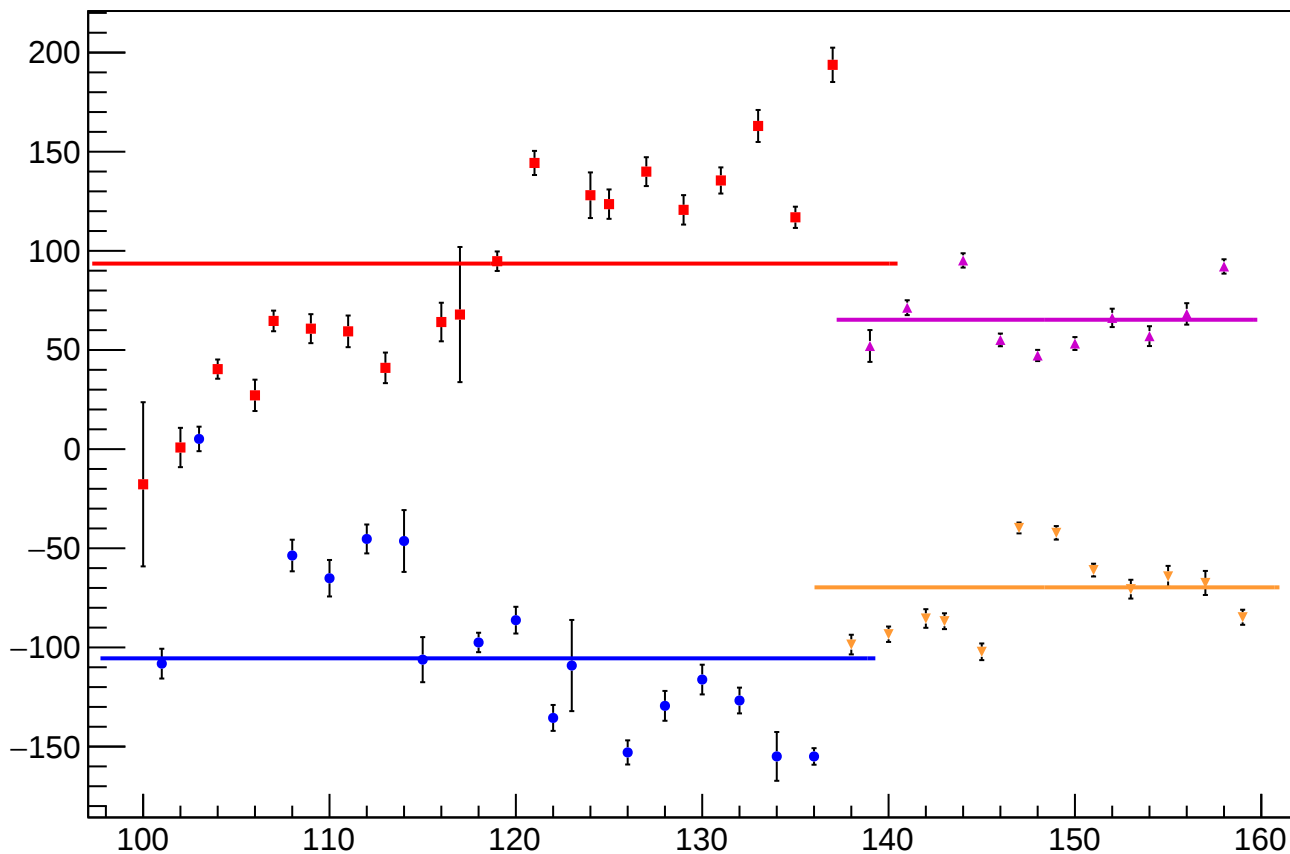
Left In: 285.392 ± 1.467 χ^2/NDF : 69.3/9

-288.604 ± 1.244 χ^2/NDF : 2336.0/28

-4.007 ± 0.888 χ^2/NDF : 111588.4/58

291.744 ± 1.268 χ^2/NDF : 2445.3/29

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.496 ± 1.712 χ^2/NDF : 737.3/16

Left Out: -69.697 ± 1.144 χ^2/NDF : 369.0/11

Right Out: 93.579 ± 1.608 χ^2/NDF : 827.7/19

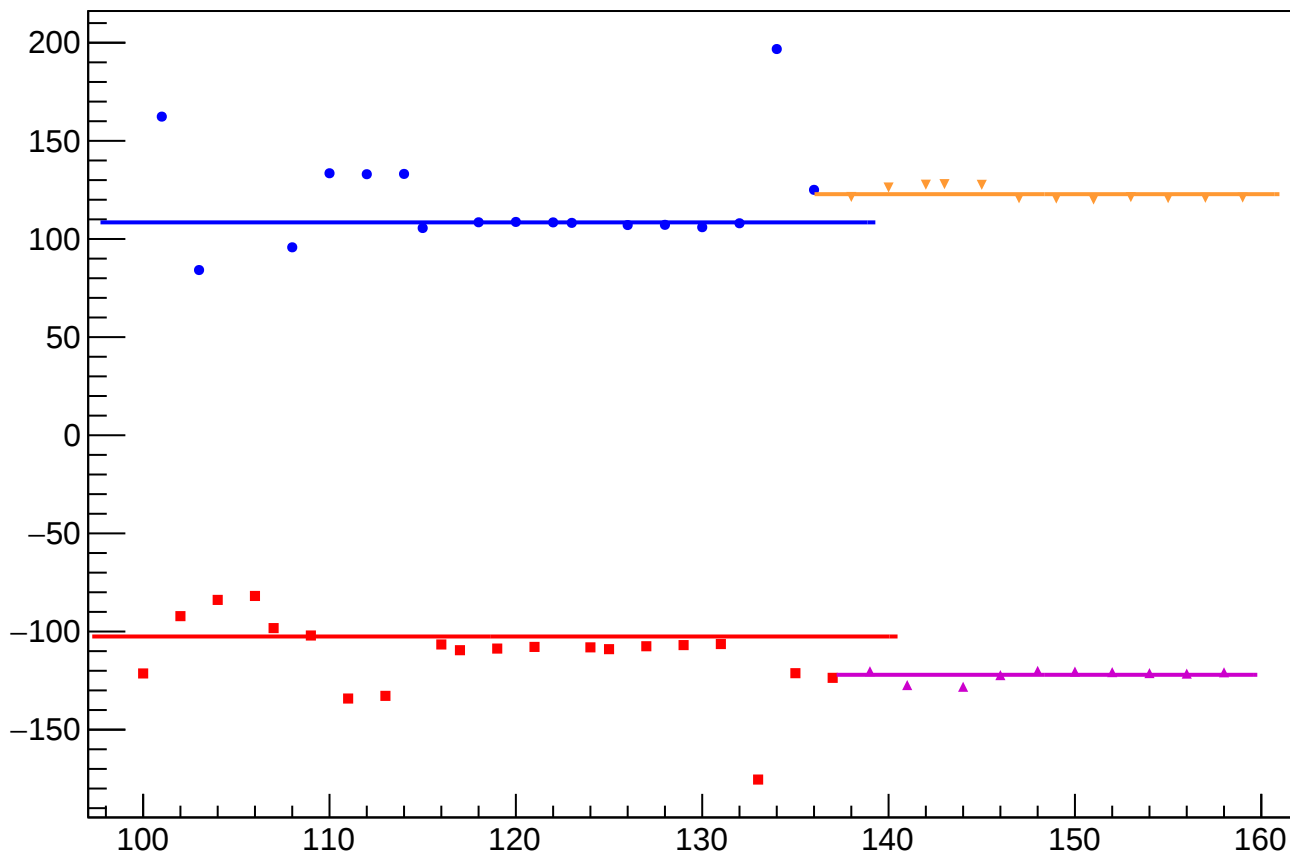
Left In: 65.254 ± 1.215 χ^2/NDF : 196.5/9

-80.753 ± 0.951 χ^2/NDF : 1408.6/28

-4.067 ± 0.679 χ^2/NDF : 15871.4/58

75.543 ± 0.969 χ^2/NDF : 1221.7/29

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.460 $\pm$ 0.085 χ^2 /NDF: 73301.9/16

Left Out: 122.835 $\pm$ 0.057 χ^2 /NDF: 2814.7/11

Right Out: -102.532 $\pm$ 0.079 χ^2 /NDF: 53003.2/19

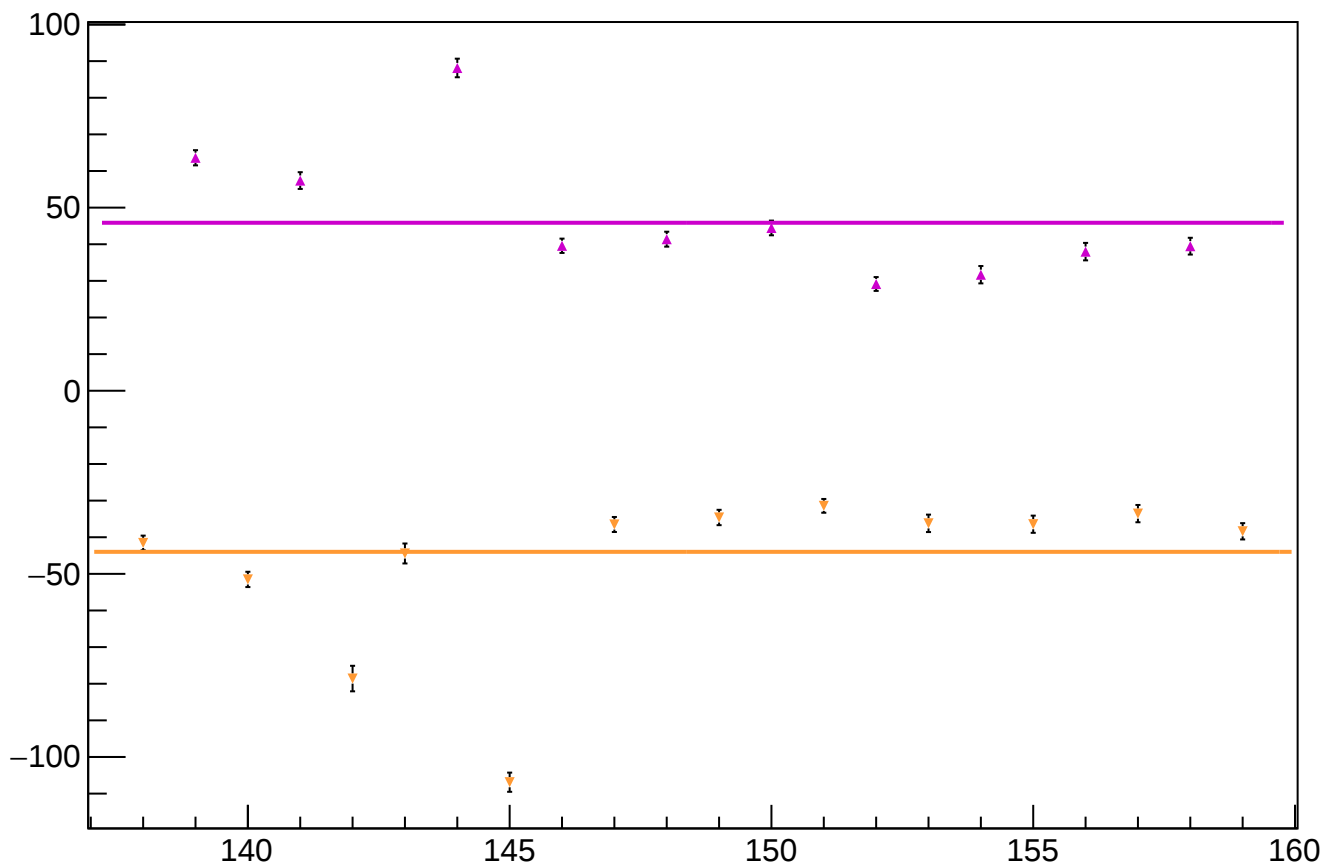
Left In: -122.051 $\pm$ 0.058 χ^2 /NDF: 2189.8/9

118.423 $\pm$ 0.047 χ^2 /NDF: 95938.9/28

1.650 $\pm$ 0.033 χ^2 /NDF: 12492860.8/58

-115.197 $\pm$ 0.047 χ^2 /NDF: 94317.0/29

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -43.986±/-0.655 χ^2/NDF : 814.6/11

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

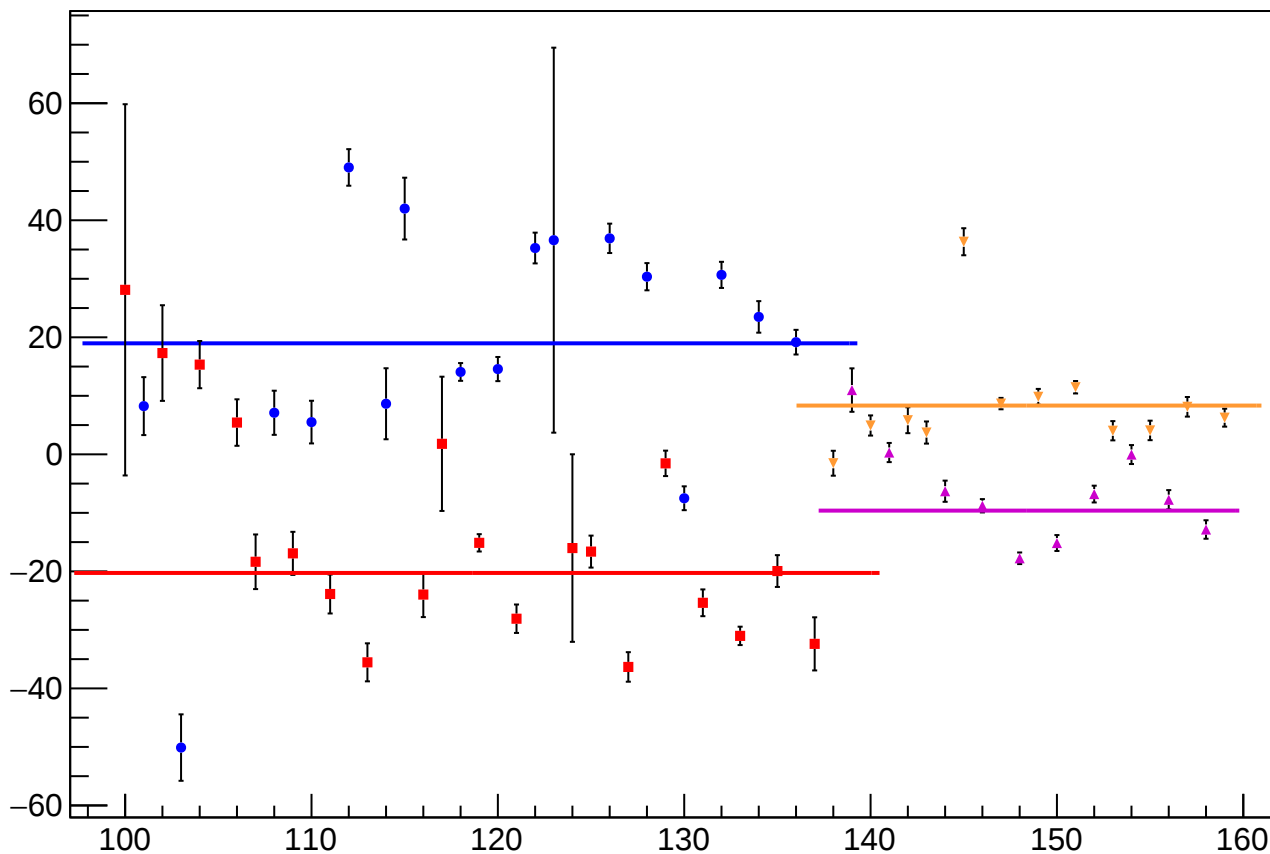
Left In: 45.866±/-0.682 χ^2/NDF : 524.2/9

-43.986±/-0.655 χ^2/NDF : 814.6/11

-0.827±/-0.472 χ^2/NDF : 10371.4/21

45.866±/-0.682 χ^2/NDF : 524.2/9

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.970 ± 0.653 χ^2/NDF : 618.4/16

Left Out: 8.334 ± 0.437 χ^2/NDF : 204.5/11

Right Out: -20.269 ± 0.641 χ^2/NDF : 370.1/19

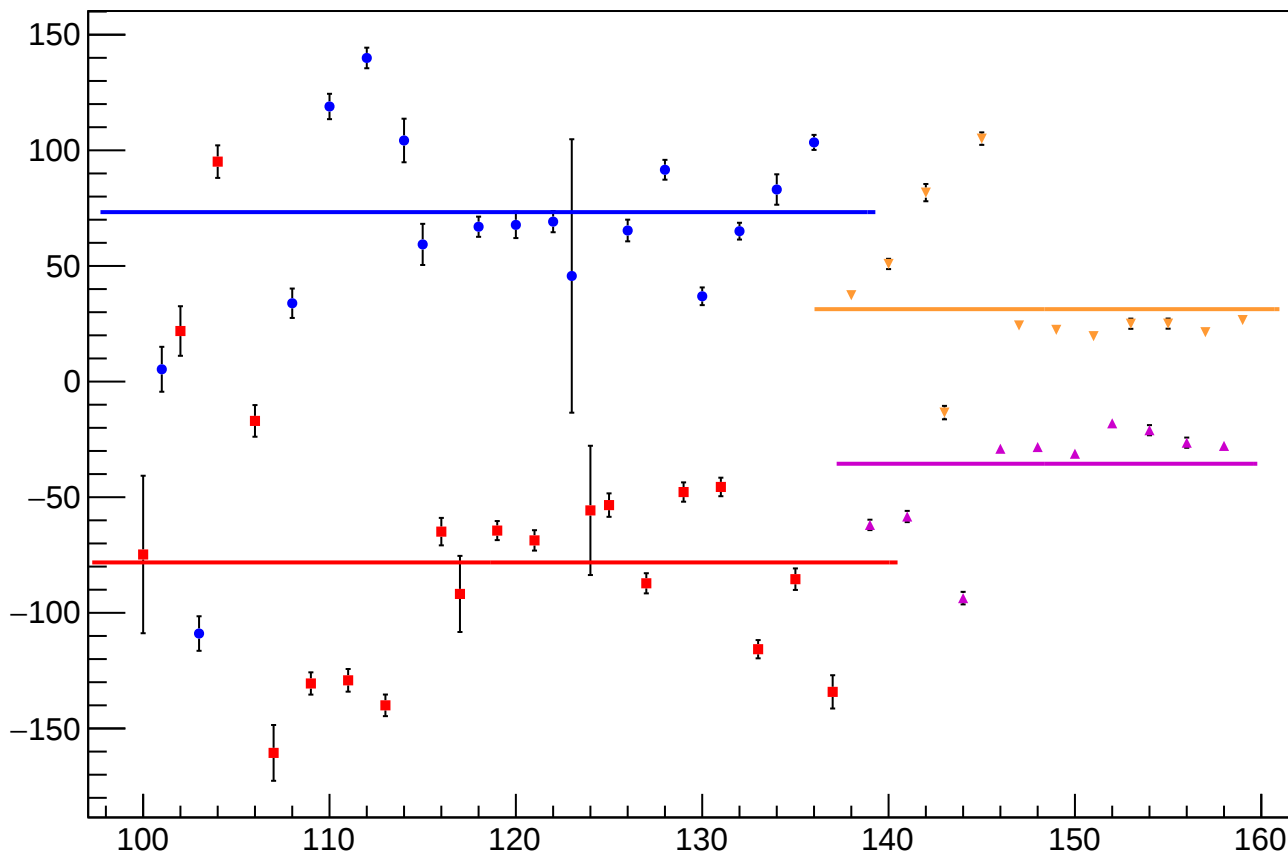
Left In: -9.617 ± 0.461 χ^2/NDF : 199.6/9

11.628 ± 0.363 χ^2/NDF : 1006.1/28

-0.448 ± 0.261 χ^2/NDF : 4032.0/58

-13.243 ± 0.374 χ^2/NDF : 751.8/29

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 73.278+/-1.236 χ^2/NDF : 1198.6/16

Left Out: 31.319+/-0.640 χ^2/NDF : 1366.9/11

Right Out: -78.205+/-1.219 χ^2/NDF : 1544.0/19

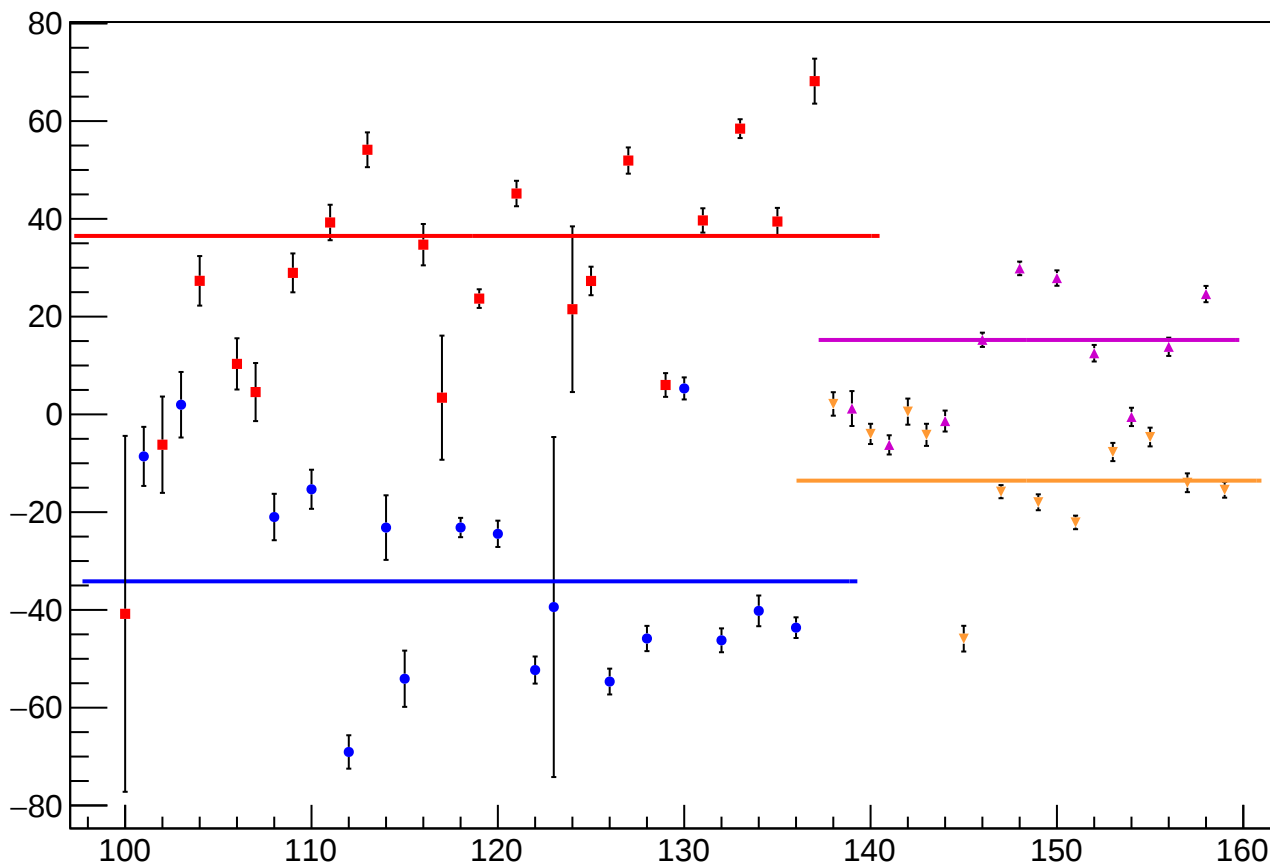
Left In: -35.530+/-0.662 χ^2/NDF : 883.2/9

40.183+/-0.568 χ^2/NDF : 3473.8/28

-1.550+/-0.406 χ^2/NDF : 17885.1/58

-45.237+/-0.581 χ^2/NDF : 3373.7/29

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -34.153 ± 0.745 χ^2/NDF : 717.5/16

Left Out: -13.554 ± 0.530 χ^2/NDF : 341.3/11

Right Out: 36.507 ± 0.735 χ^2/NDF : 553.8/19

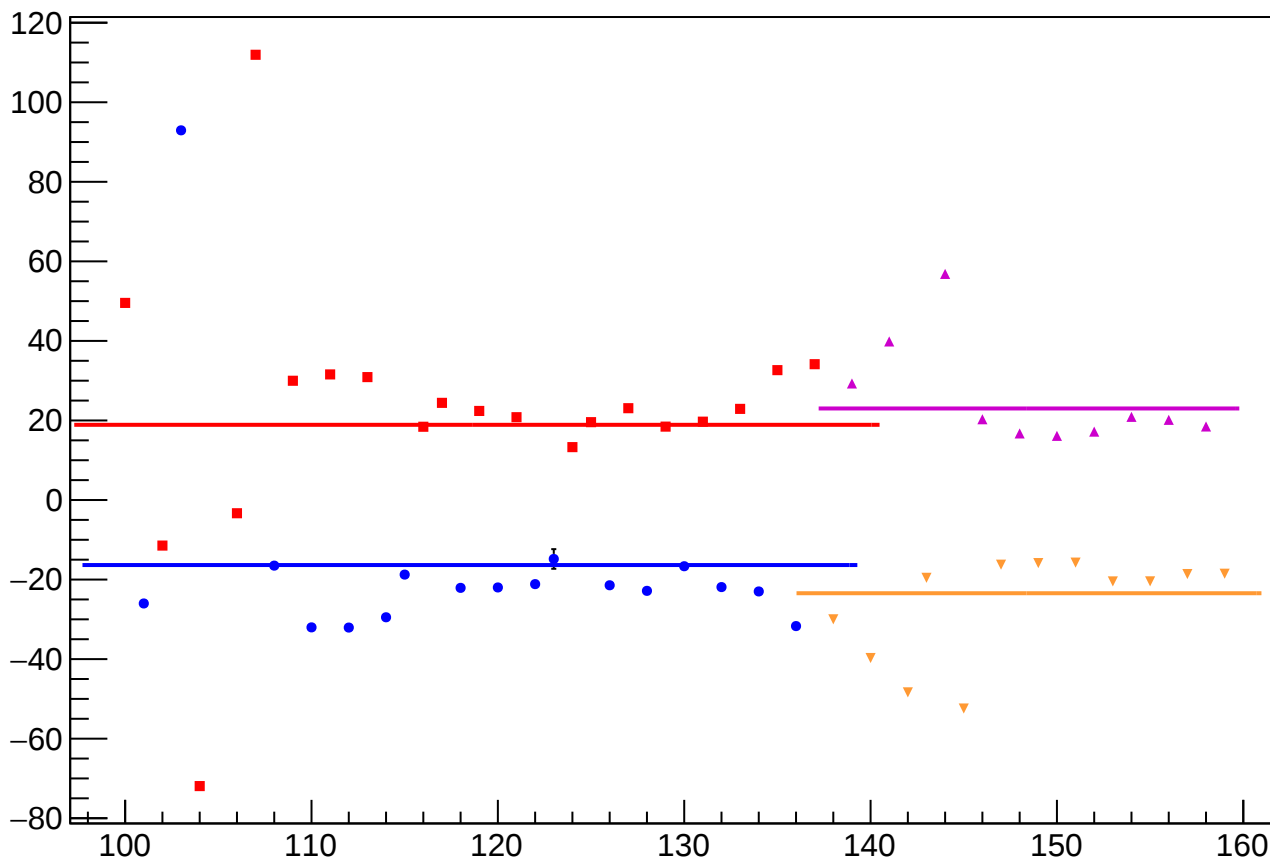
Left In: 15.226 ± 0.557 χ^2/NDF : 475.9/9

-20.481 ± 0.432 χ^2/NDF : 1566.3/28

0.672 ± 0.309 χ^2/NDF : 8058.1/58

22.991 ± 0.444 χ^2/NDF : 1562.9/29

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.349 ± 0.045 $\chi^2/\text{NDF}: 474192.3/16$

Left Out: -23.436 ± 0.025 $\chi^2/\text{NDF}: 172217.9/11$

Right Out: 18.906 ± 0.045 $\chi^2/\text{NDF}: 433847.1/19$

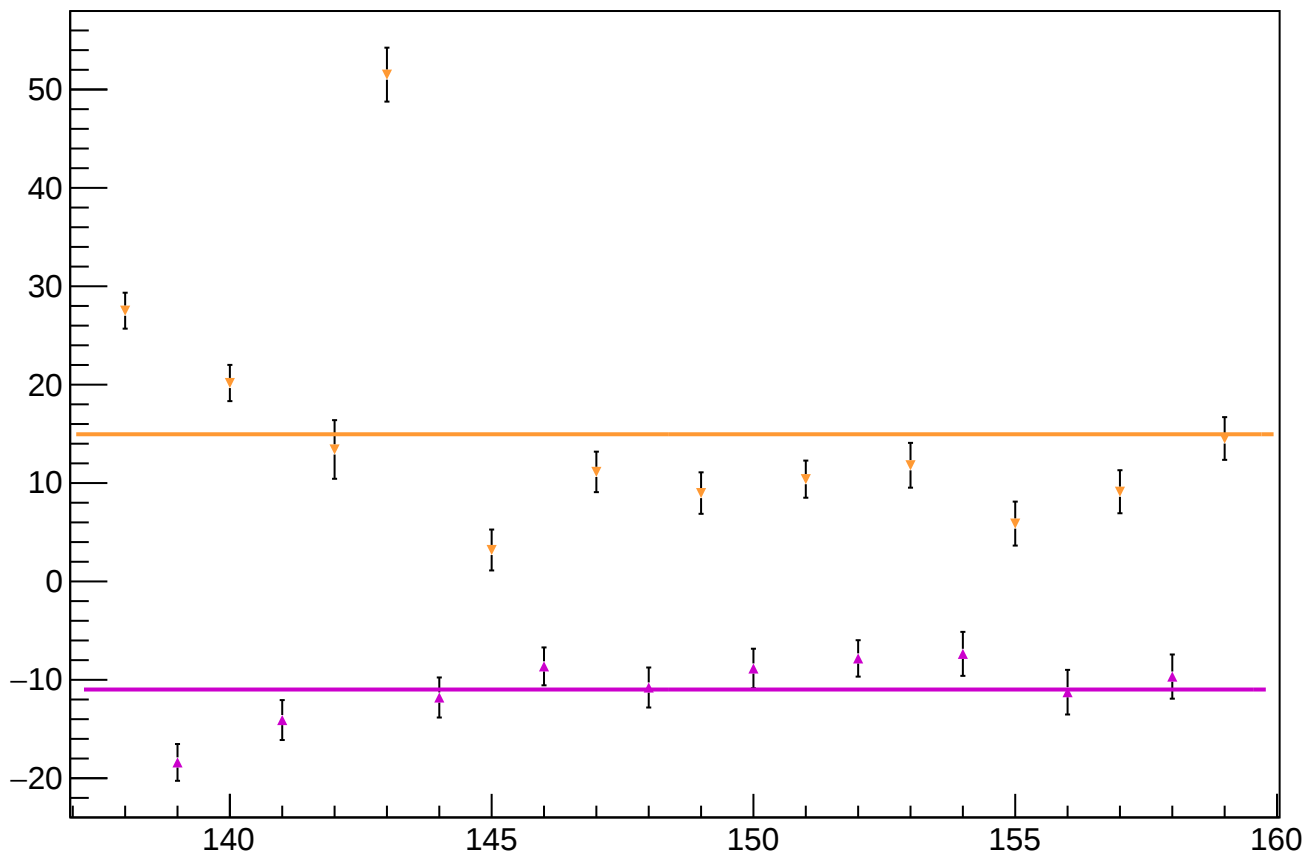
Left In: 23.014 ± 0.026 $\chi^2/\text{NDF}: 143143.9/9$

-21.732 ± 0.022 $\chi^2/\text{NDF}: 665550.1/28$

-0.419 ± 0.016 $\chi^2/\text{NDF}: 3193415.5/58$

22.001 ± 0.022 $\chi^2/\text{NDF}: 583210.9/29$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 14.959+/-0.617 χ^2/NDF : 308.3/11

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

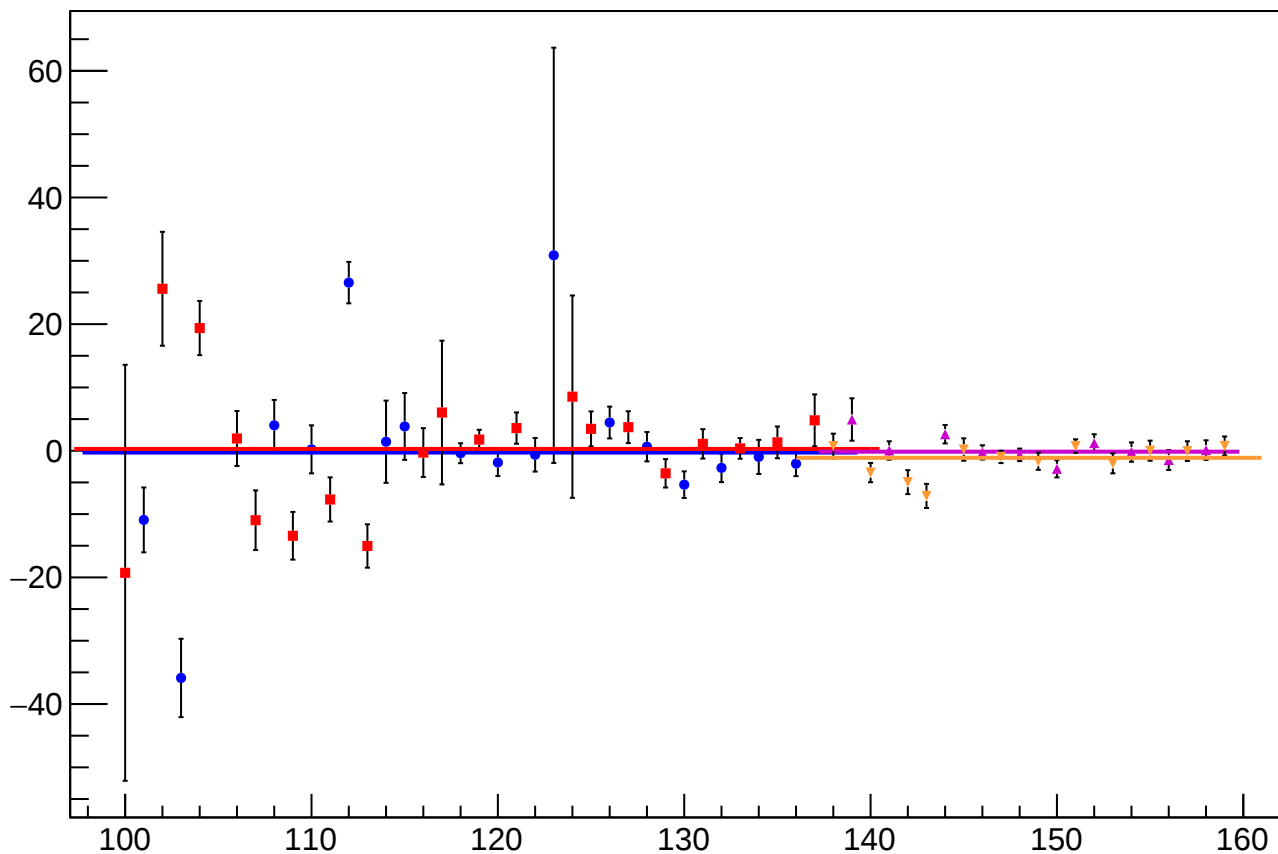
Left In: -10.985+/-0.644 χ^2/NDF : 26.7/9

14.959+/-0.617 χ^2/NDF : 308.3/11

2.537+/-0.445 χ^2/NDF : 1182.1/21

-10.985+/-0.644 χ^2/NDF : 26.7/9

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.280 ± 0.662 χ^2/NDF : 119.5/16

Left Out: -1.114 ± 0.419 χ^2/NDF : 23.9/11

Right Out: 0.289 ± 0.655 χ^2/NDF : 83.4/19

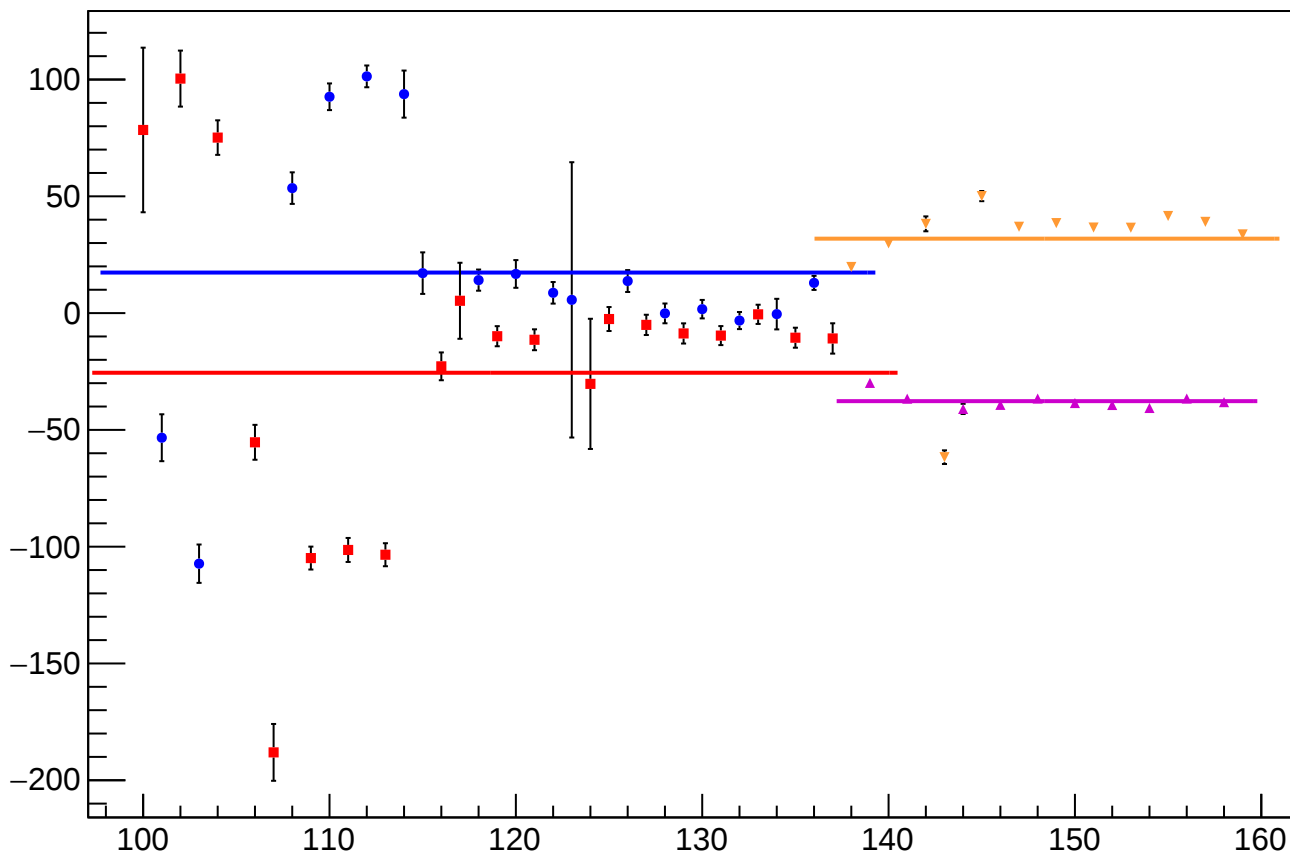
Left In: -0.143 ± 0.441 χ^2/NDF : 11.8/9

-0.875 ± 0.354 χ^2/NDF : 144.6/28

-0.456 ± 0.255 χ^2/NDF : 243.0/58

-0.008 ± 0.366 χ^2/NDF : 95.5/29

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.361 ± 1.247 χ^2/NDF : 943.0/16

Left Out: 31.872 ± 0.606 χ^2/NDF : 1200.0/11

Right Out: -25.537 ± 1.239 χ^2/NDF : 1382.4/19

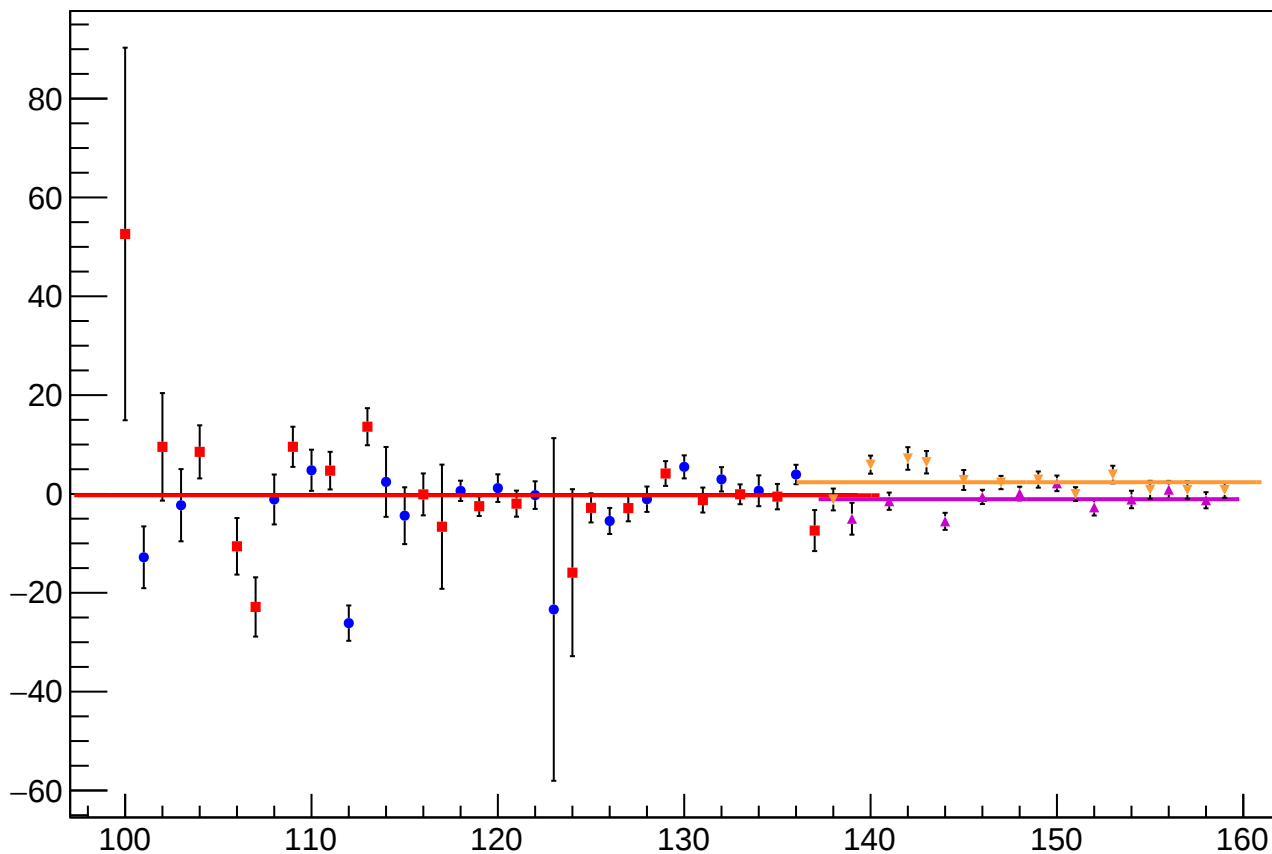
Left In: -37.692 ± 0.629 χ^2/NDF : 21.9/9

29.099 ± 0.545 χ^2/NDF : 2252.5/28

-2.156 ± 0.391 χ^2/NDF : 10496.7/58

-35.205 ± 0.561 χ^2/NDF : 1480.9/29

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.211 ± 0.752 χ^2/NDF : 75.9/16

Left Out: 2.375 ± 0.506 χ^2/NDF : 20.2/11

Right Out: -0.262 ± 0.747 χ^2/NDF : 54.8/19

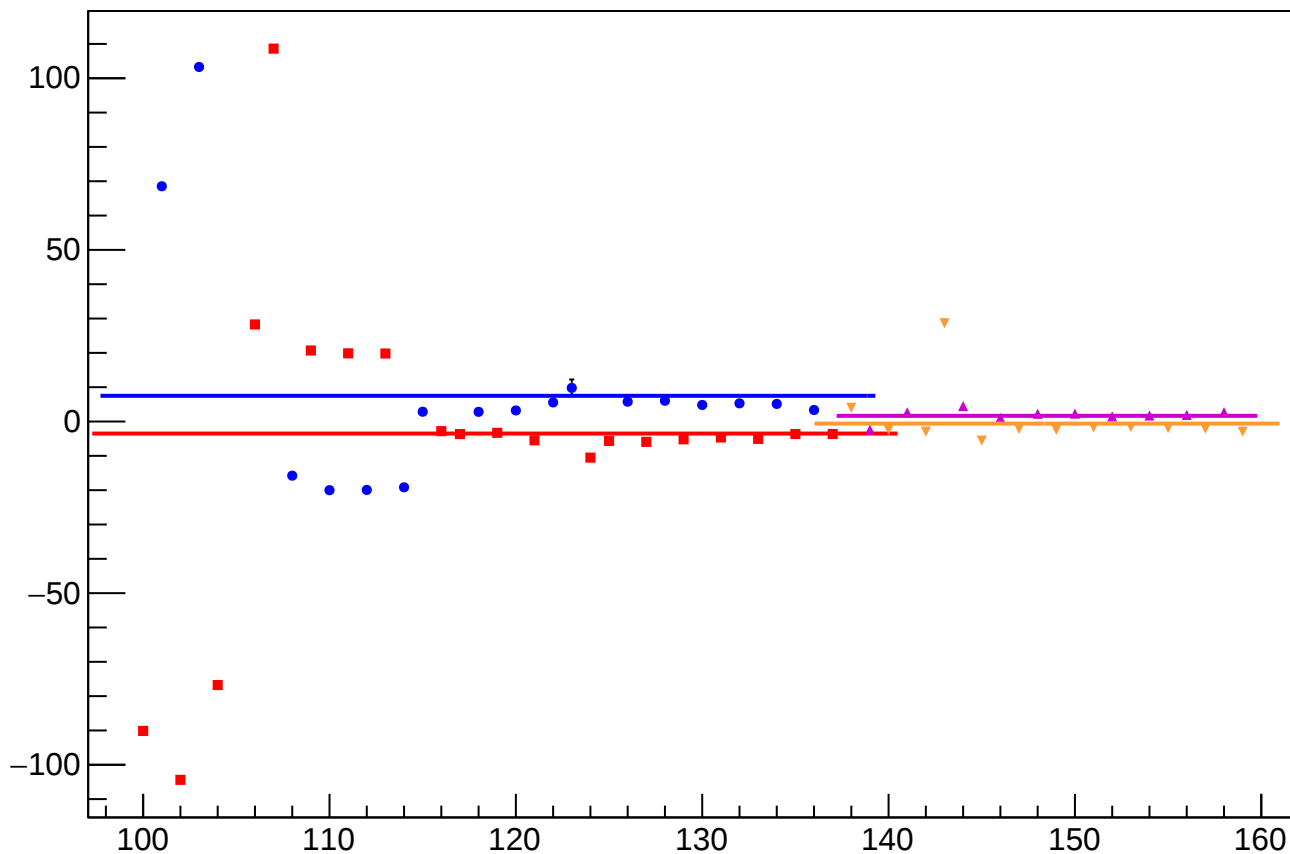
Left In: -1.061 ± 0.532 χ^2/NDF : 15.4/9

1.569 ± 0.420 χ^2/NDF : 104.3/28

0.425 ± 0.301 χ^2/NDF : 190.5/58

-0.792 ± 0.433 χ^2/NDF : 70.9/29

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.492 ± 0.045 χ^2/NDF : 355979.0/16

Left Out: -0.605 ± 0.024 χ^2/NDF : 73108.6/11

Right Out: -3.504 ± 0.046 χ^2/NDF : 510579.5/19

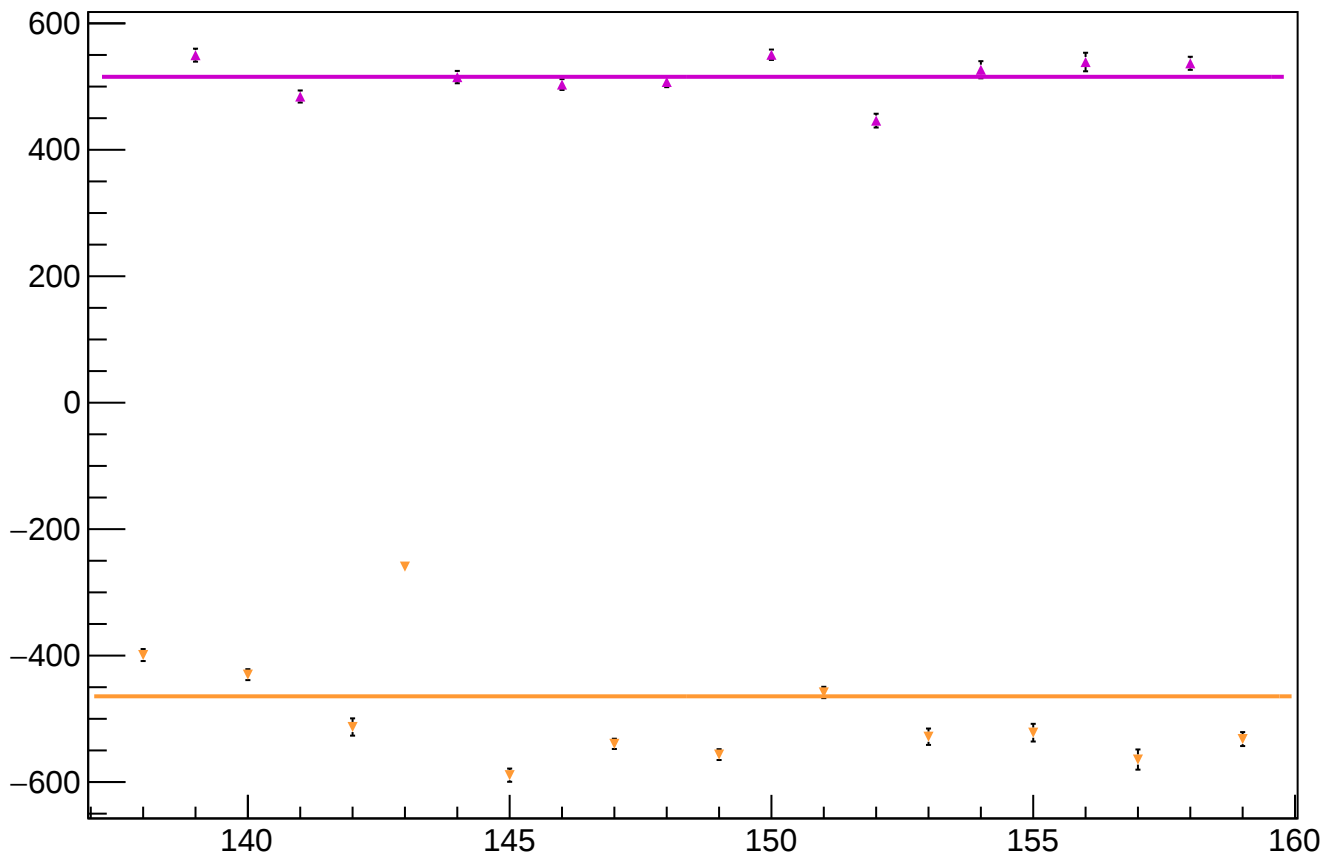
Left In: 1.662 ± 0.025 χ^2/NDF : 4634.0/9

1.176 ± 0.021 χ^2/NDF : 454758.2/28

0.848 ± 0.015 χ^2/NDF : 980450.4/58

0.499 ± 0.022 χ^2/NDF : 525186.7/29

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -464.414 ± 2.843 χ^2/NDF : 1392.2/11

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

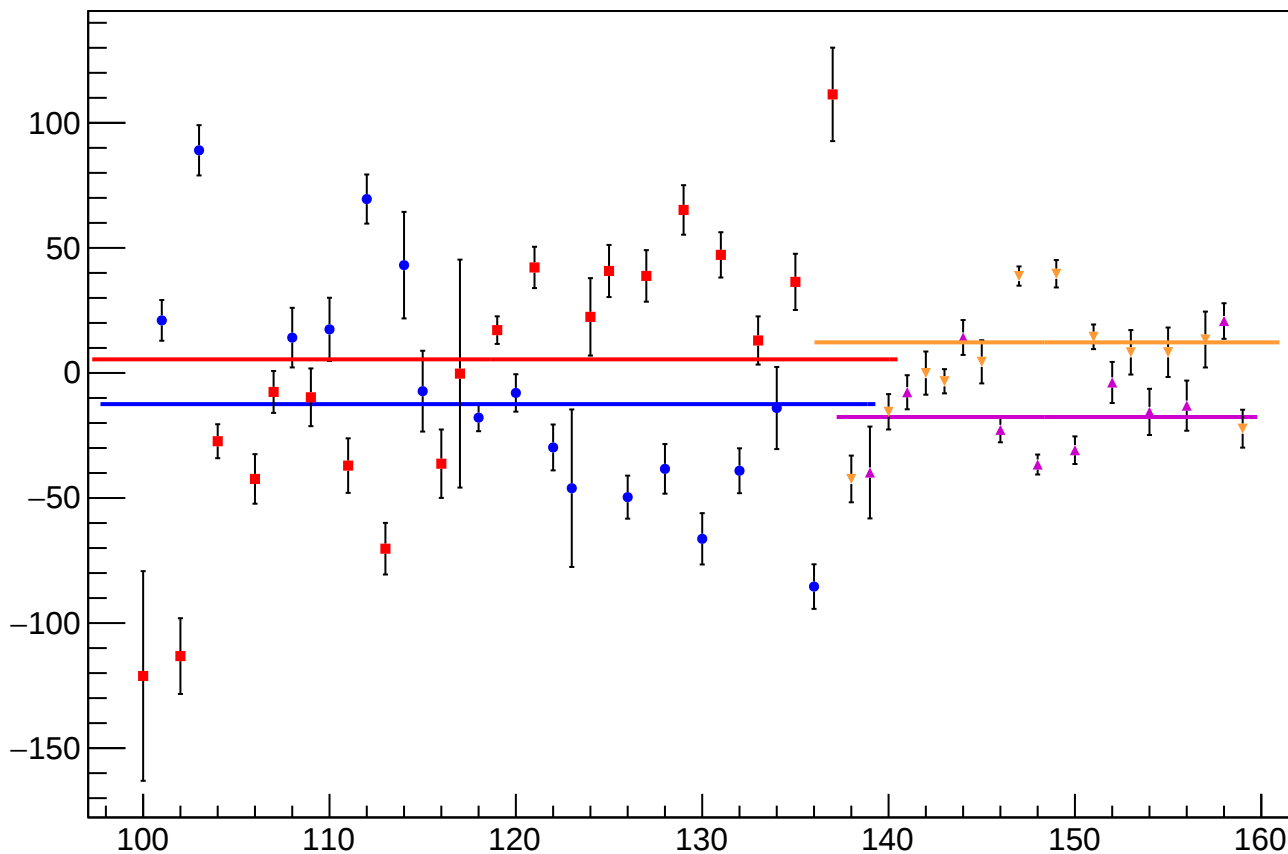
Left In: 515.450 ± 3.133 χ^2/NDF : 90.7/9

-464.414 ± 2.843 χ^2/NDF : 1392.2/11

-21.891 ± 2.105 χ^2/NDF : 55138.9/21

515.450 ± 3.133 χ^2/NDF : 90.7/9

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.458 ± 2.349 χ^2/NDF : 341.1/16

Left Out: 12.237 ± 1.852 χ^2/NDF : 156.7/11

Right Out: 5.439 ± 2.256 χ^2/NDF : 345.0/19

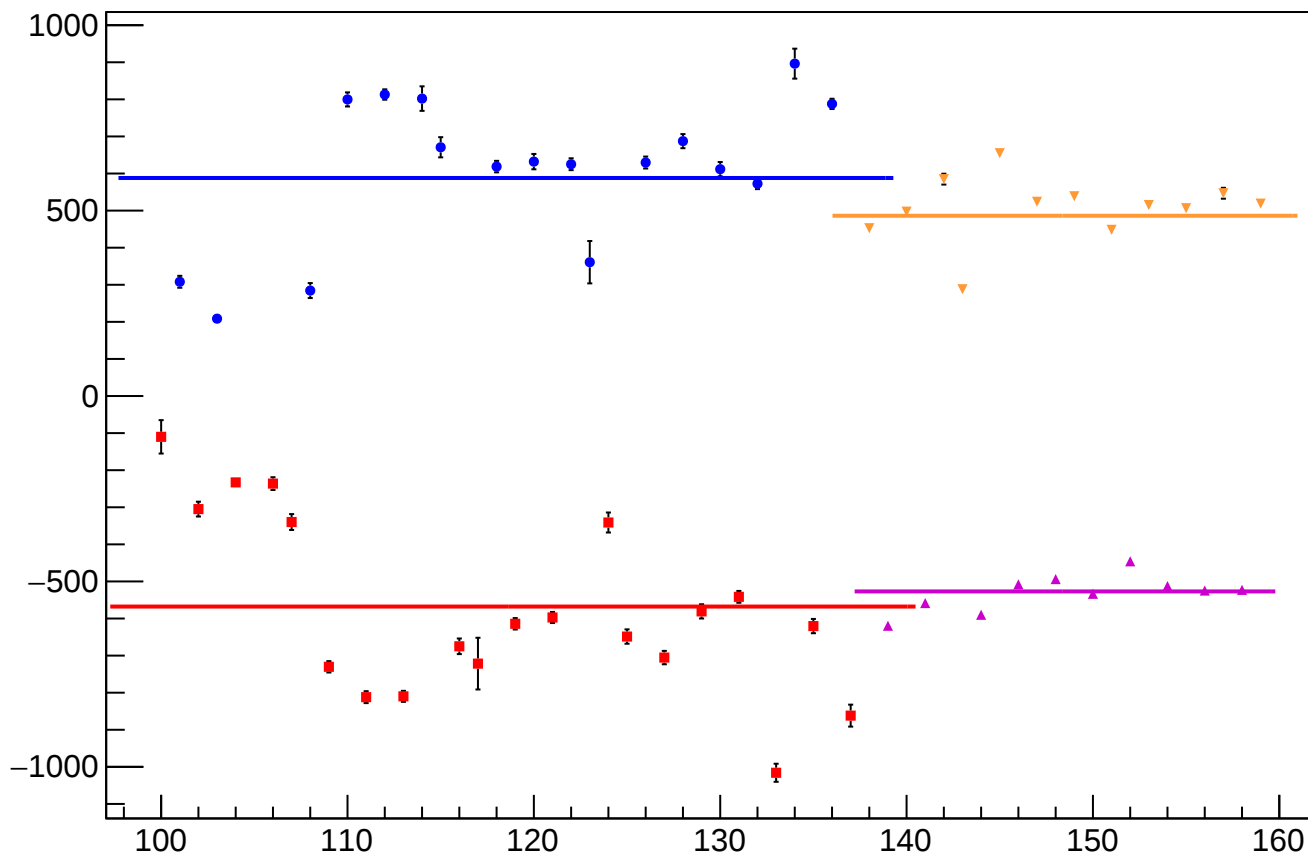
Left In: -17.611 ± 2.053 χ^2/NDF : 86.1/9

2.767 ± 1.454 χ^2/NDF : 565.9/28

-1.989 ± 1.050 χ^2/NDF : 1076.5/58

-7.171 ± 1.518 χ^2/NDF : 488.2/29

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 587.994 ± 4.353 χ^2/NDF : 2129.6/16

Left Out: 486.125 ± 2.821 χ^2/NDF : 1115.5/11

Right Out: -567.720 ± 4.129 χ^2/NDF : 2788.1/19

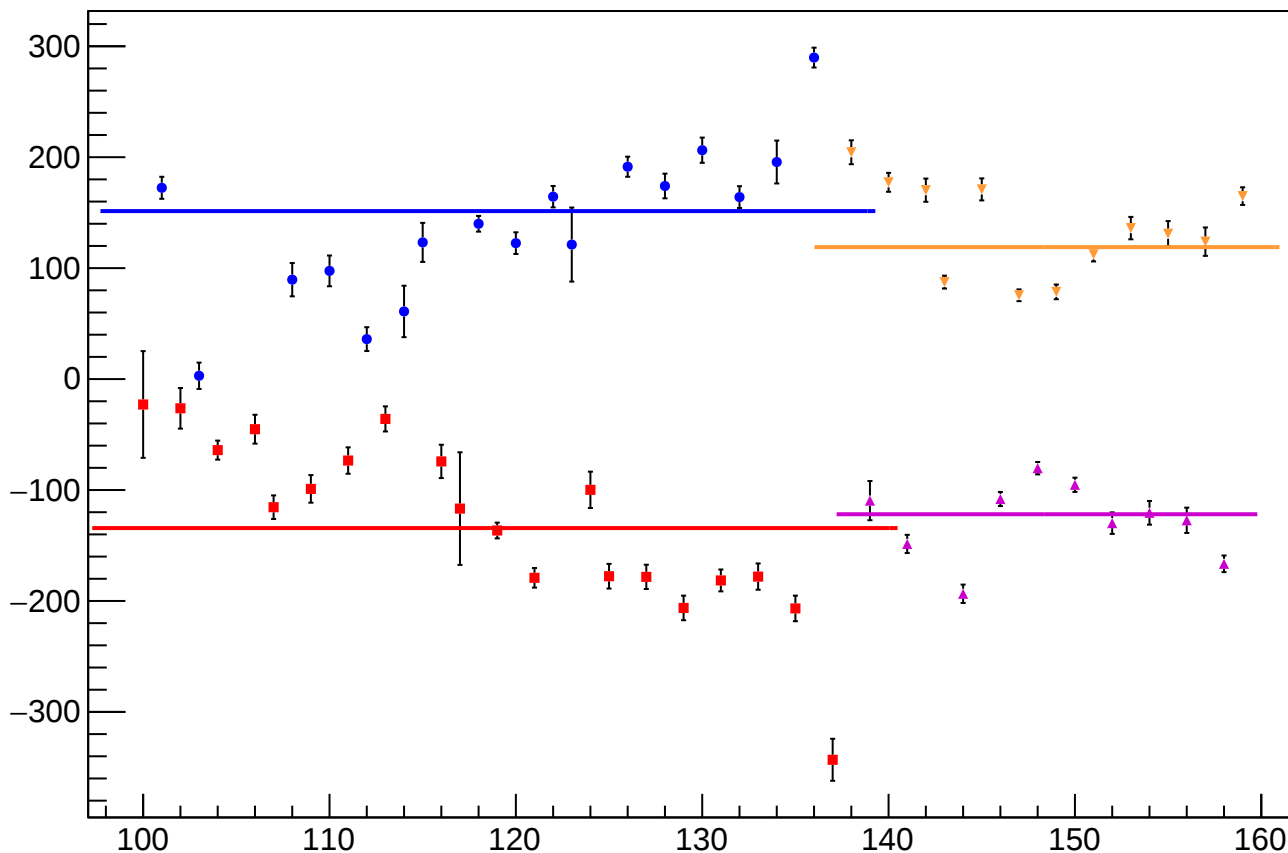
Left In: -526.916 ± 3.051 χ^2/NDF : 201.5/9

516.250 ± 2.367 χ^2/NDF : 3630.8/28

6.530 ± 1.704 χ^2/NDF : 102897.9/58

-541.331 ± 2.454 χ^2/NDF : 3052.8/29

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 151.421 $\pm$ 2.709 χ^2 /NDF: 633.3/16

Left Out: 118.937 $\pm$ 2.274 χ^2 /NDF: 333.4/11

Right Out: -134.299 $\pm$ 2.612 χ^2 /NDF: 585.0/19

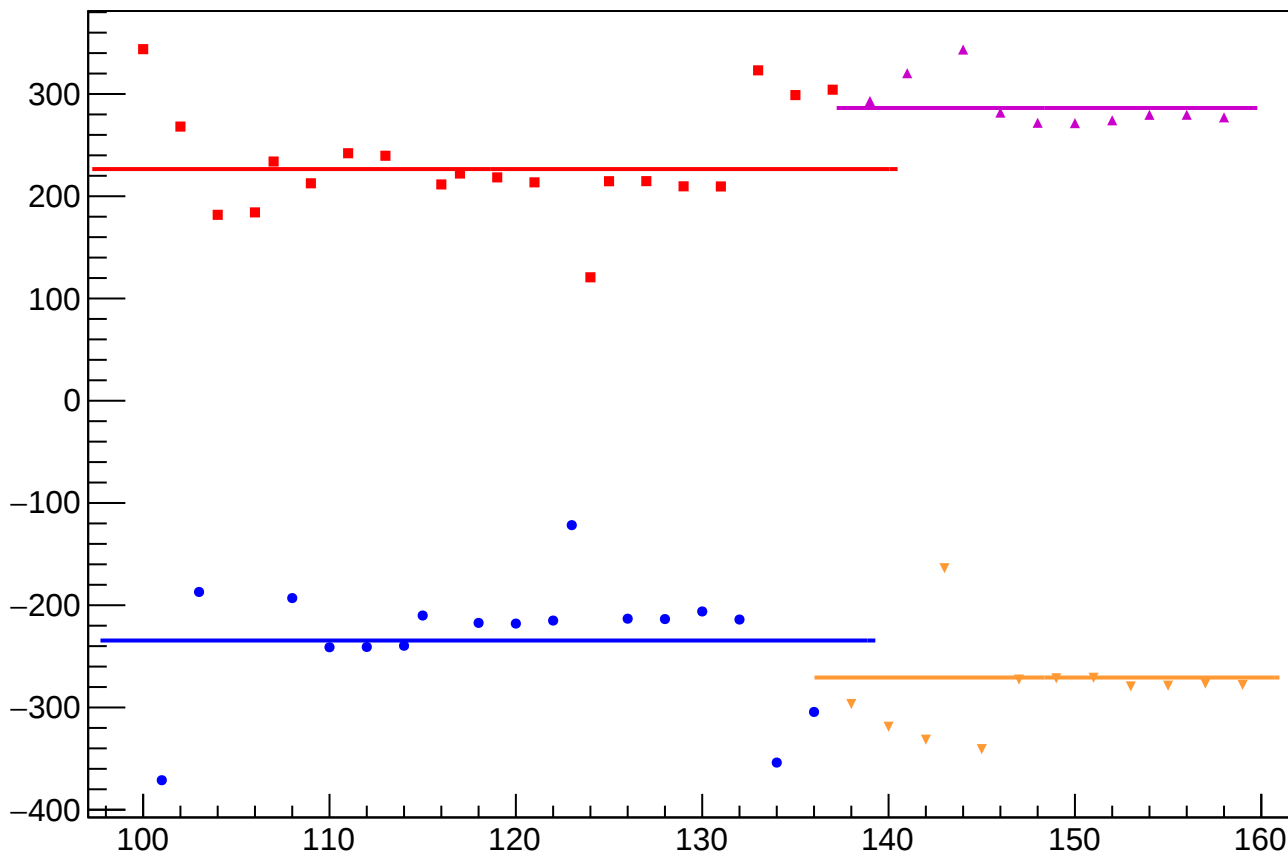
Left In: -121.831 $\pm$ 2.511 χ^2 /NDF: 199.7/9

132.367 $\pm$ 1.742 χ^2 /NDF: 1051.0/28

7.278 $\pm$ 1.255 χ^2 /NDF: 12573.3/58

-127.820 $\pm$ 1.810 χ^2 /NDF: 796.6/29

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.501+/-0.149 χ^2/NDF : 145046.5/16

Left Out: -270.705+/-0.114 χ^2/NDF : 182670.2/11

Right Out: 226.572+/-0.141 χ^2/NDF : 98970.7/19

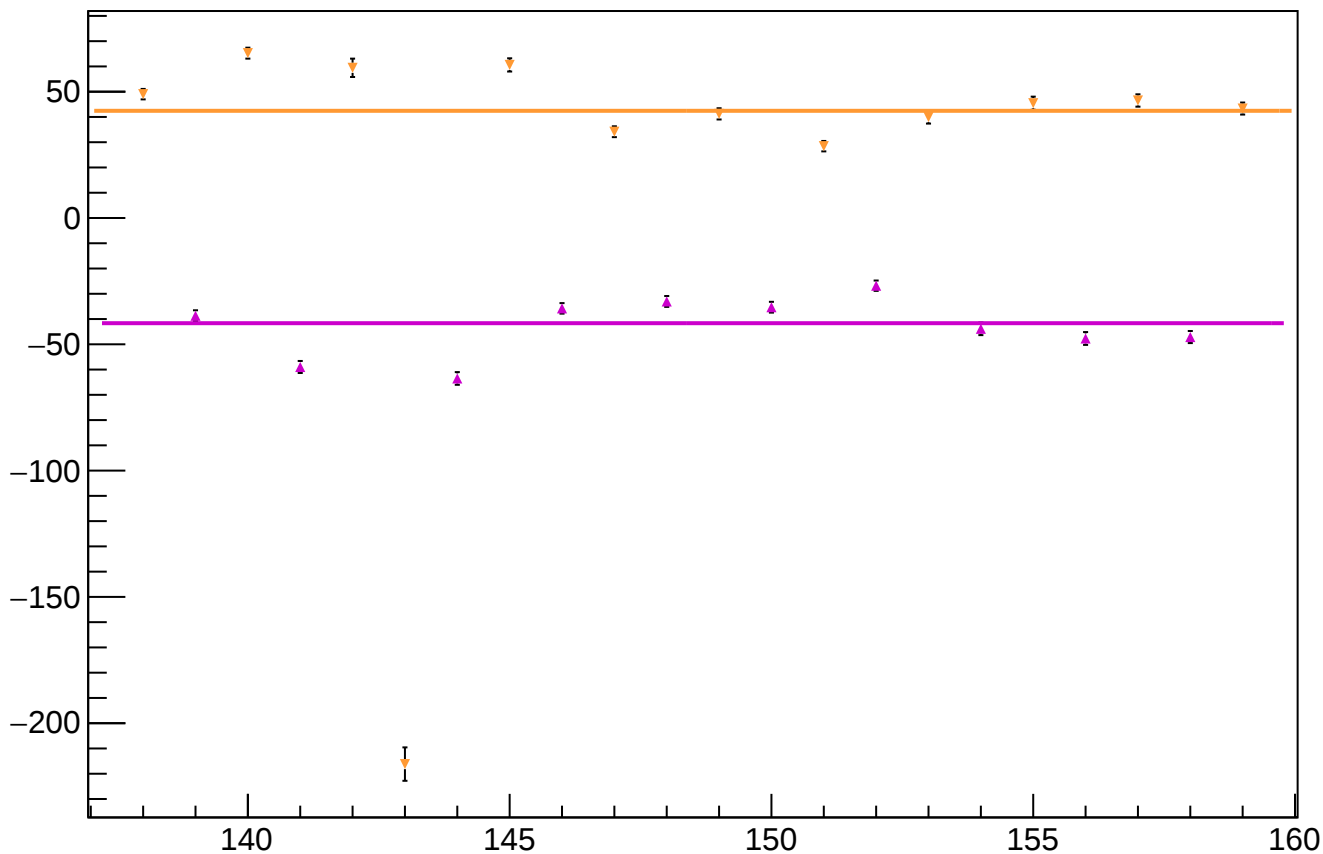
Left In: 286.325+/-0.122 χ^2/NDF : 28820.5/9

-257.293+/-0.091 χ^2/NDF : 364869.8/28

-3.020+/-0.065 χ^2/NDF : 16604982.6/58

260.768+/-0.092 χ^2/NDF : 230174.4/29

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 42.434+/-0.709 χ^2/NDF : 1786.7/11

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

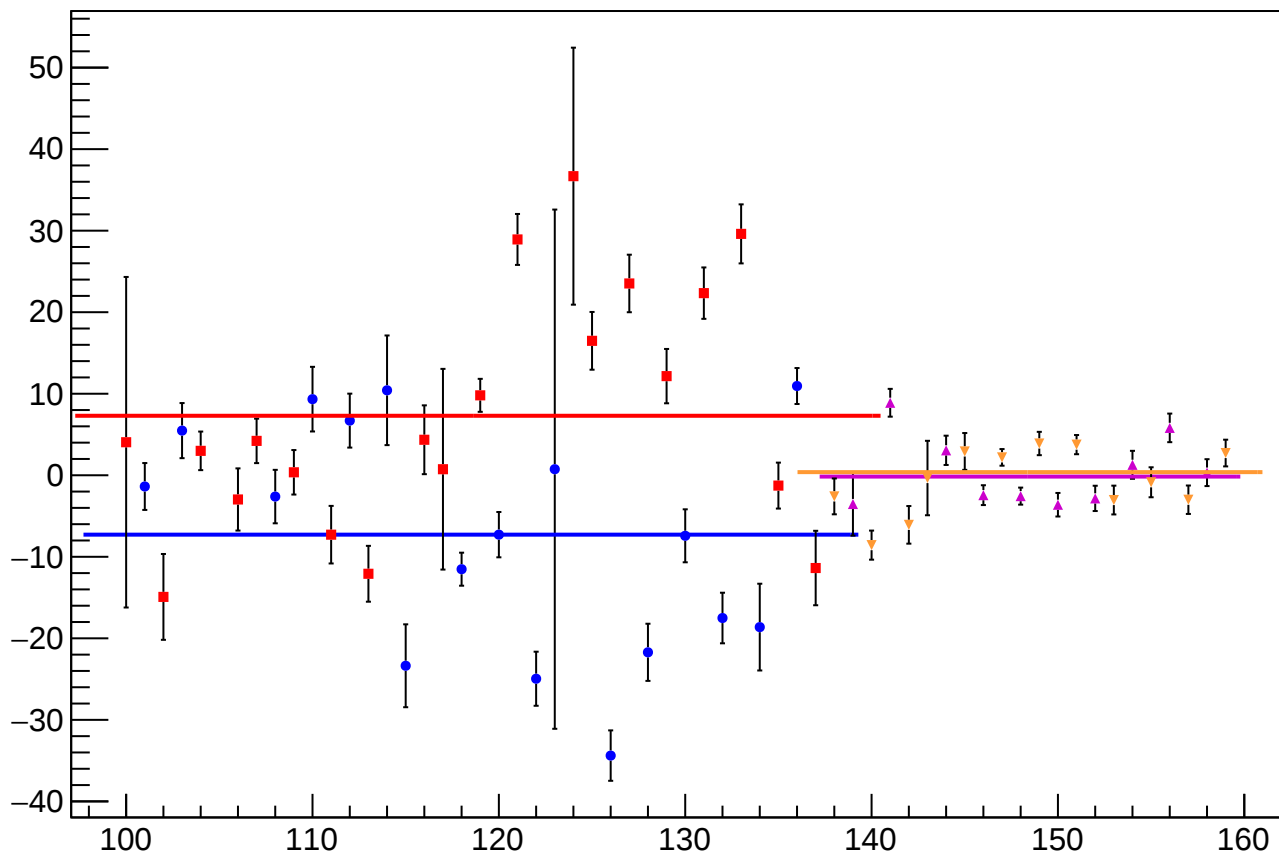
Left In: -41.644+/-0.718 χ^2/NDF : 227.6/9

42.434+/-0.709 χ^2/NDF : 1786.7/11

0.900+/-0.504 χ^2/NDF : 8959.1/21

-41.644+/-0.718 χ^2/NDF : 227.6/9

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.284 ± 0.789 χ^2/NDF : 283.2/16

Left Out: 0.385 ± 0.474 χ^2/NDF : 63.6/11

Right Out: 7.298 ± 0.759 χ^2/NDF : 255.6/19

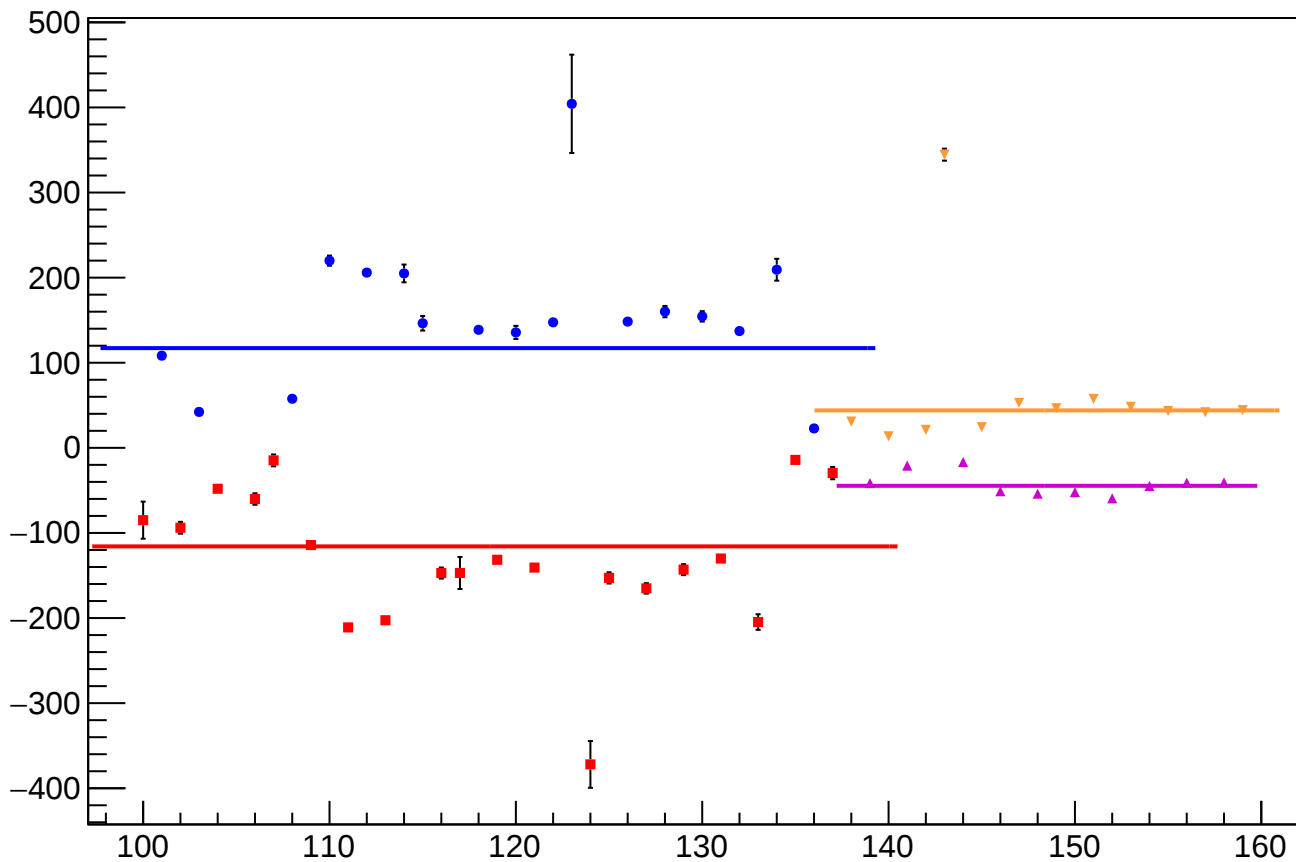
Left In: -0.161 ± 0.486 χ^2/NDF : 62.0/9

-1.653 ± 0.406 χ^2/NDF : 416.3/28

0.164 ± 0.288 χ^2/NDF : 842.6/58

2.004 ± 0.409 χ^2/NDF : 386.1/29

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.187 $\pm$ 1.416 χ^2/NDF : 2161.0/16

Left Out: 44.041 $\pm$ 0.691 χ^2/NDF :2179.8/11

Right Out: -115.795 $\pm$ -1.357 χ^2/NDF : 2140.4/19

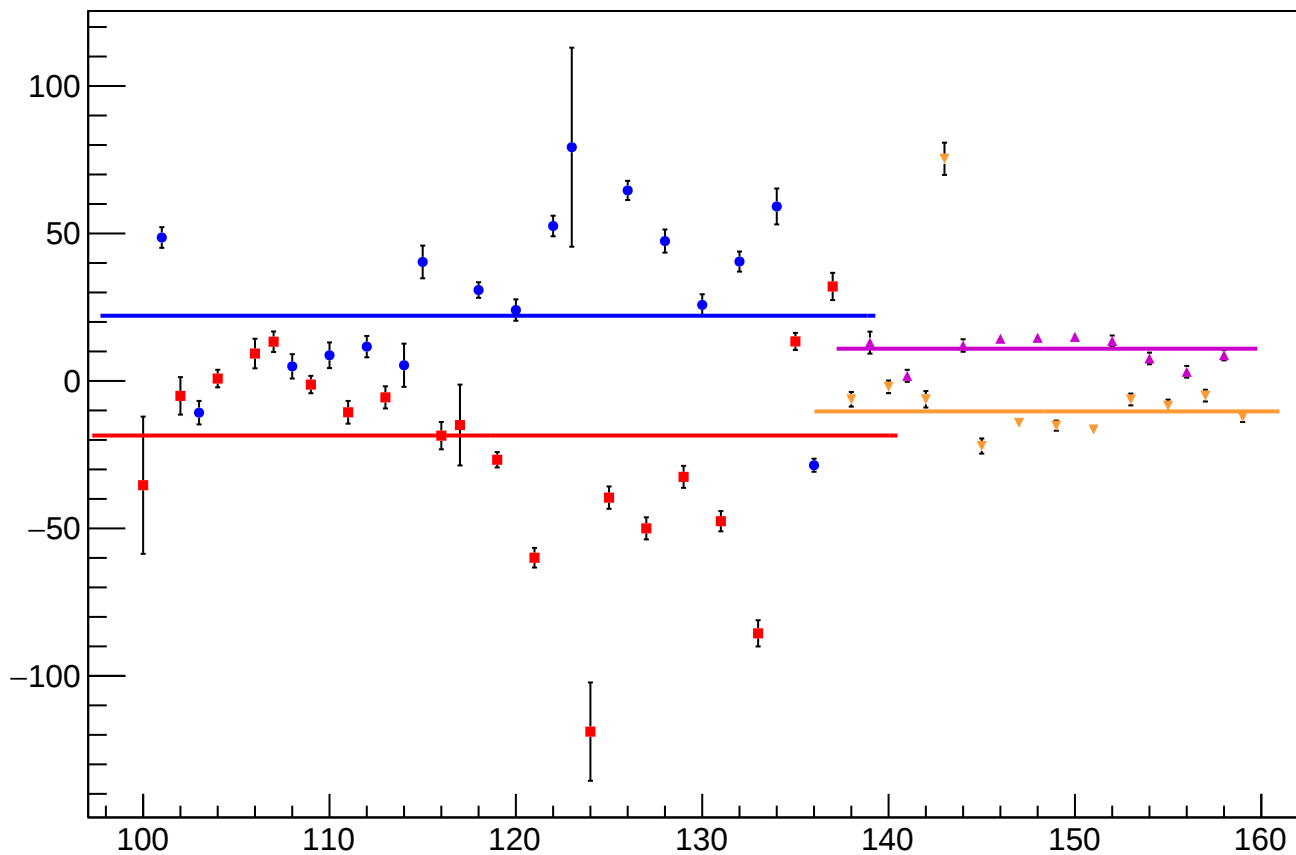
Left In: -44.595 $\pm$ -0.698 χ^2/NDF :304.7/9

58.116 $\pm$ -0.621 χ^2/NDF : 6494.7/28

-0.753 $\pm$ -0.439 χ^2/NDF : 29048.8/58

-59.472 $\pm$ -0.621 χ^2/NDF : 4621.3/29

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.110 ± 0.898 χ^2/NDF : 1070.3/16

Left Out: -10.328 ± 0.575 χ^2/NDF : 330.5/11

Right Out: -18.506 ± 0.869 χ^2/NDF : 1068.6/19

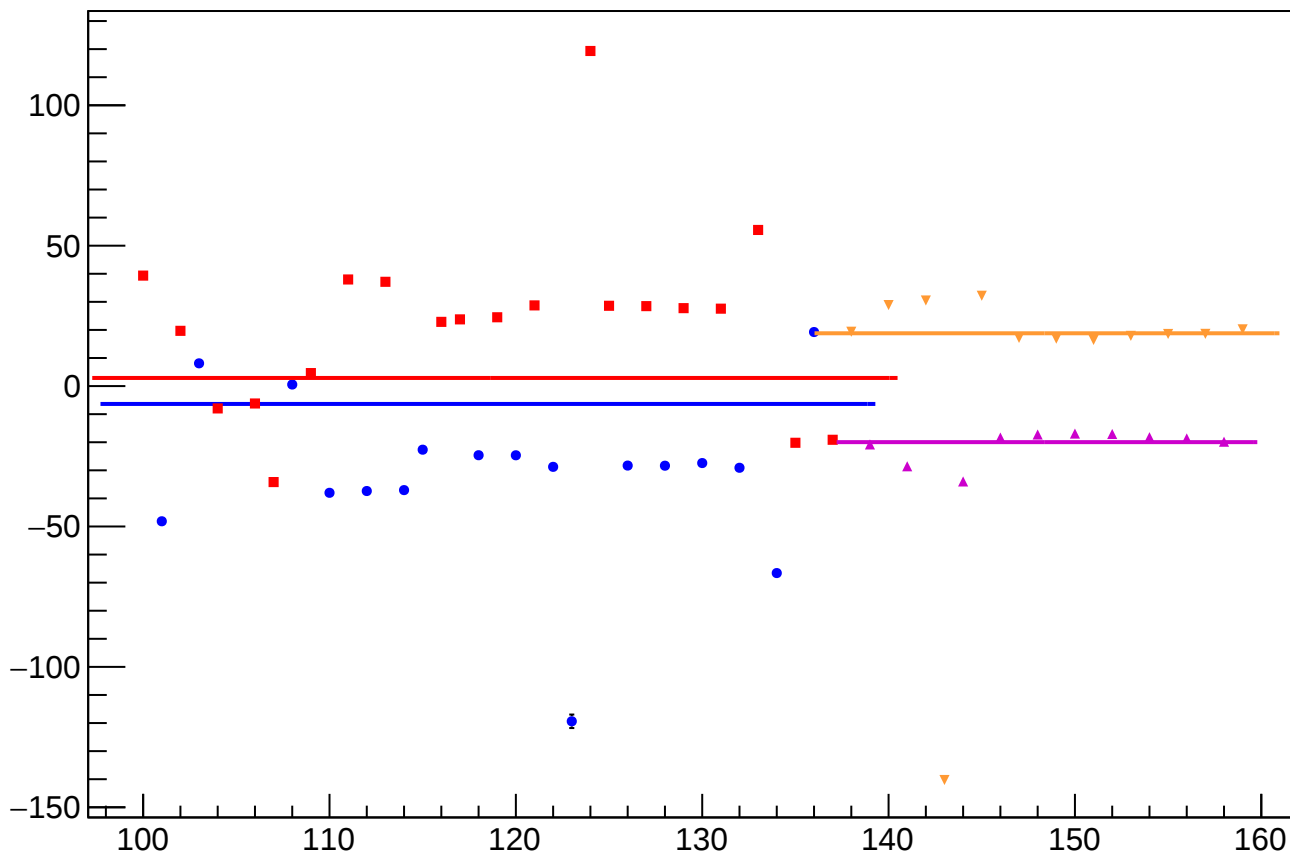
Left In: 10.930 ± 0.587 χ^2/NDF : 59.6/9

-0.896 ± 0.484 χ^2/NDF : 2325.9/28

0.406 ± 0.343 χ^2/NDF : 4256.4/58

1.720 ± 0.486 χ^2/NDF : 1915.9/29

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.360 ± 0.046 χ^2/NDF : 264750.9/16

Left Out: 18.806 ± 0.027 χ^2/NDF : 348909.7/11

Right Out: 2.896 ± 0.046 χ^2/NDF : 266162.6/19

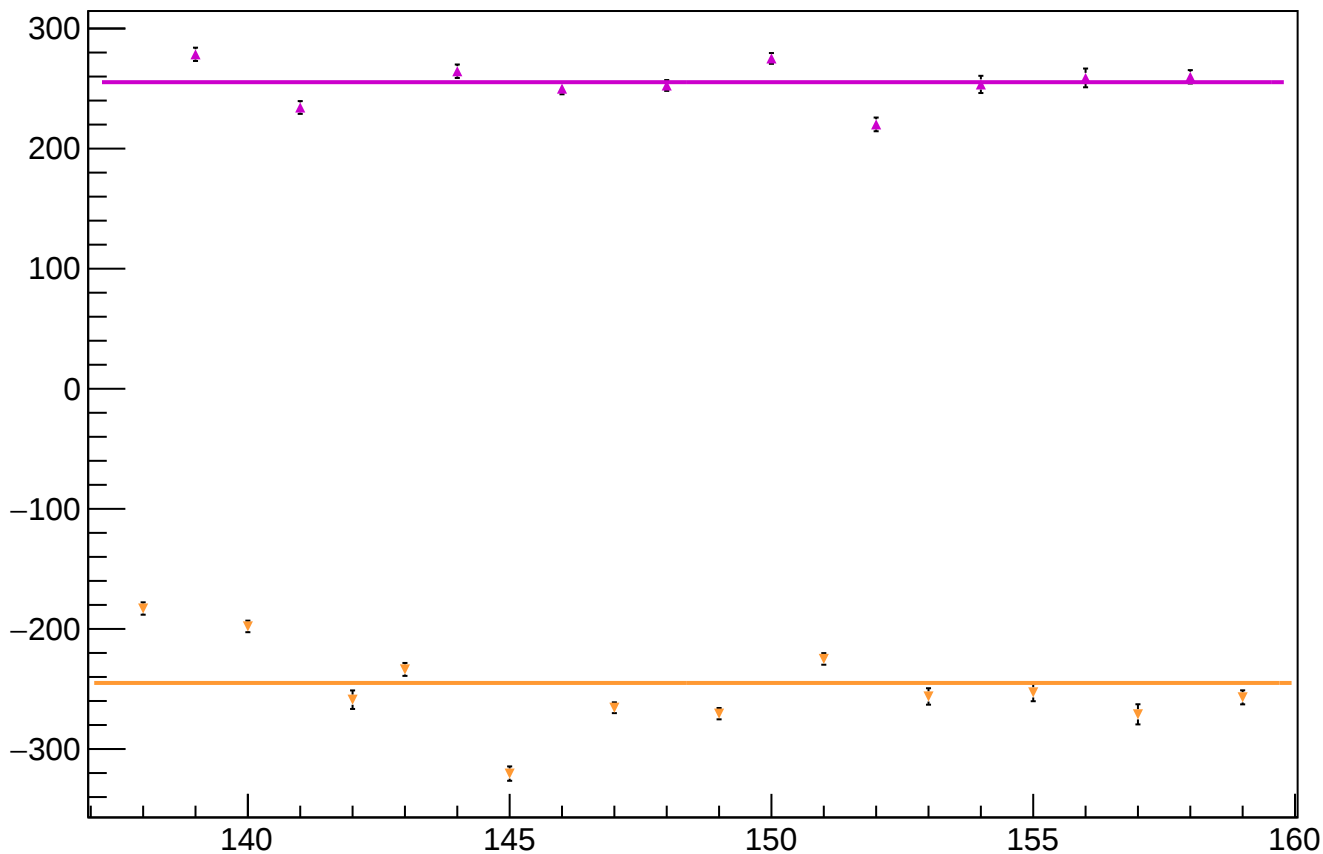
Left In: -19.962 ± 0.027 χ^2/NDF : 26106.9/9

12.377 ± 0.023 χ^2/NDF : 833498.7/28

-0.777 ± 0.017 χ^2/NDF : 1942389.1/58

-13.951 ± 0.023 χ^2/NDF : 476806.5/29

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -244.972 ± 1.621 χ^2/NDF : 492.1/11

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

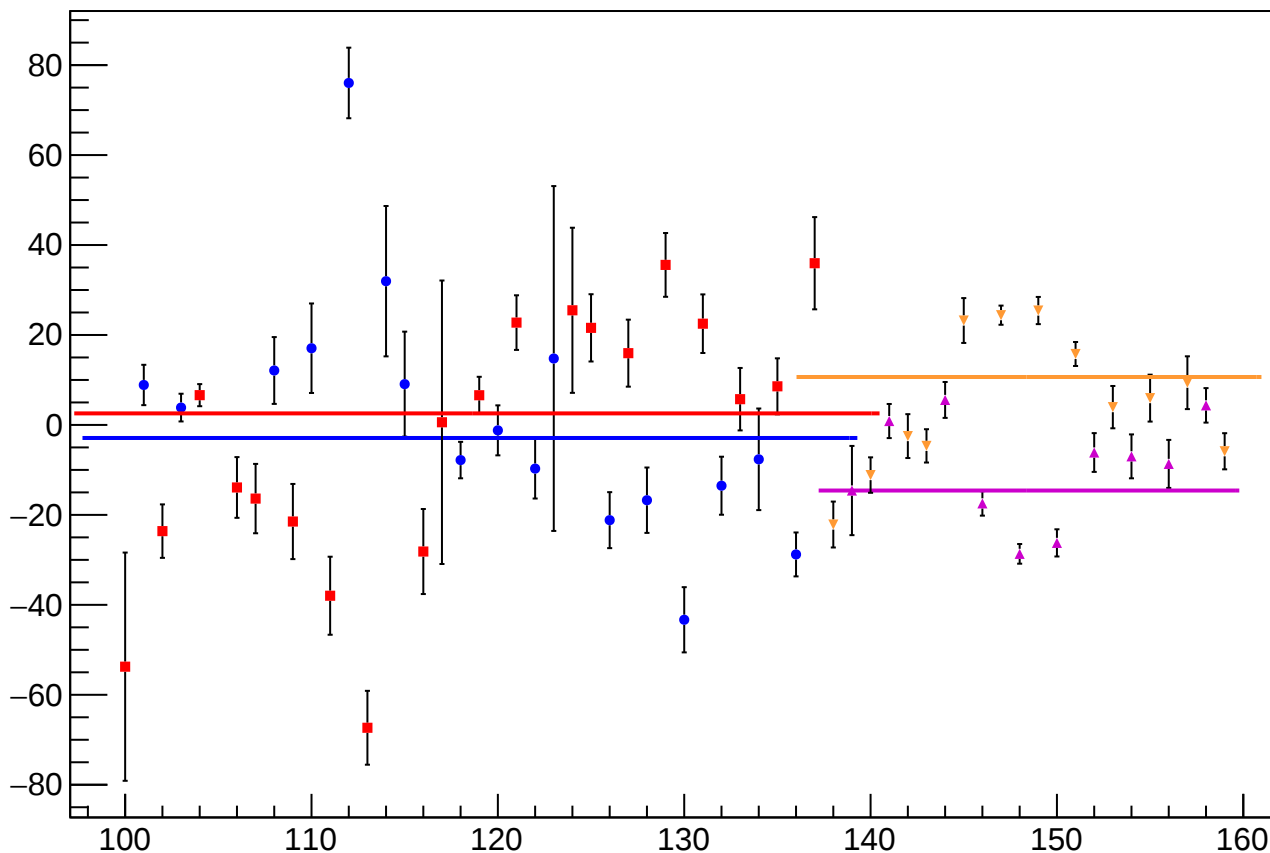
Left In: 255.312 ± 1.710 χ^2/NDF : 95.7/9

-244.972 ± 1.621 χ^2/NDF : 492.1/11

-8.145 ± 1.176 χ^2/NDF : 45670.1/21

255.312 ± 1.710 χ^2/NDF : 95.7/9

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.901 ± 1.467 χ^2/NDF : 203.6/16

Left Out: 10.658 ± 1.053 χ^2/NDF : 191.6/11

Right Out: 2.566 ± 1.395 χ^2/NDF : 218.2/19

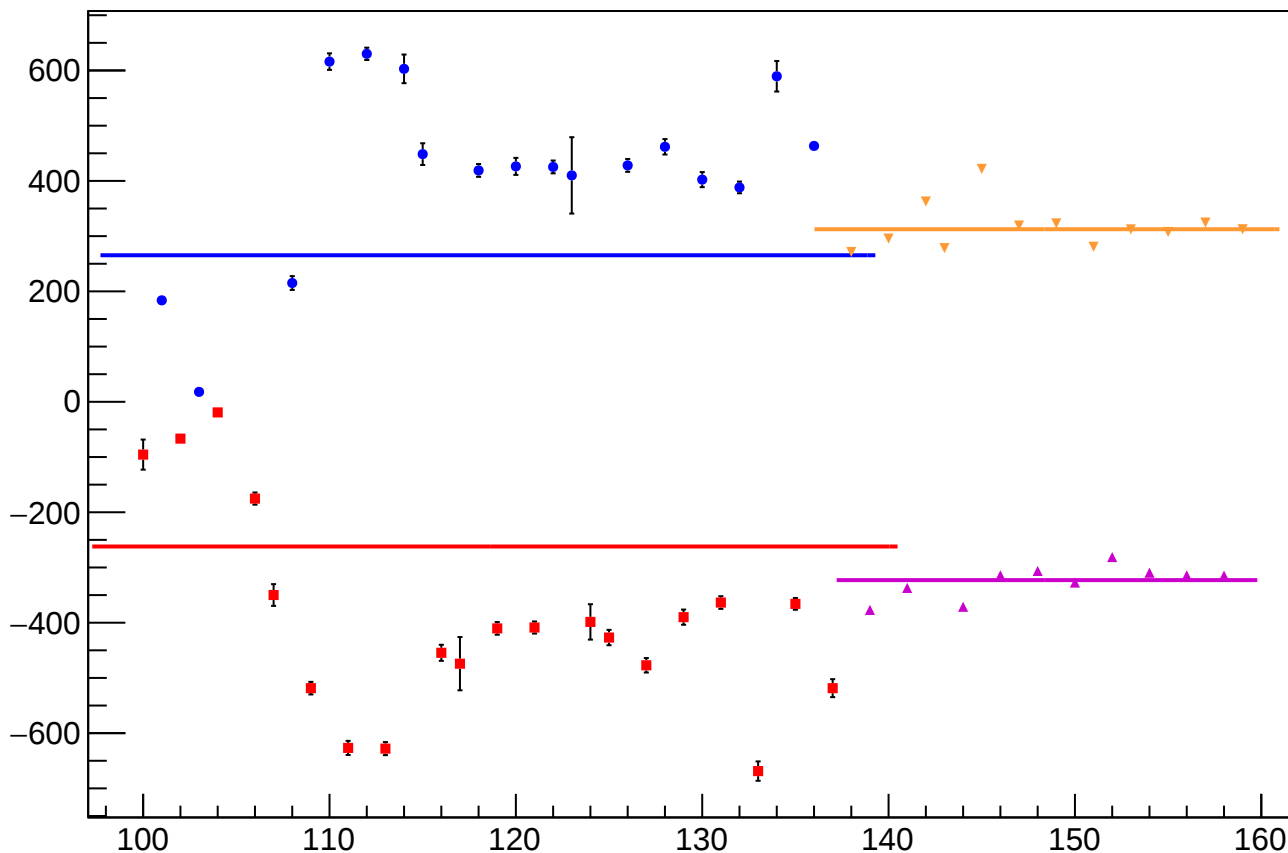
Left In: -14.584 ± 1.121 χ^2/NDF : 131.4/9

6.045 ± 0.856 χ^2/NDF : 451.5/28

-0.756 ± 0.611 χ^2/NDF : 1022.0/58

-7.852 ± 0.874 χ^2/NDF : 441.4/29

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 265.369 $\pm$ 2.488 χ^2/NDF : 7633.8/16

Left Out: 312.510 $\pm$ 1.596 χ^2/NDF : 498.5/11

Right Out: -262.016 $\pm$ 2.455 χ^2/NDF : 8223.7/19

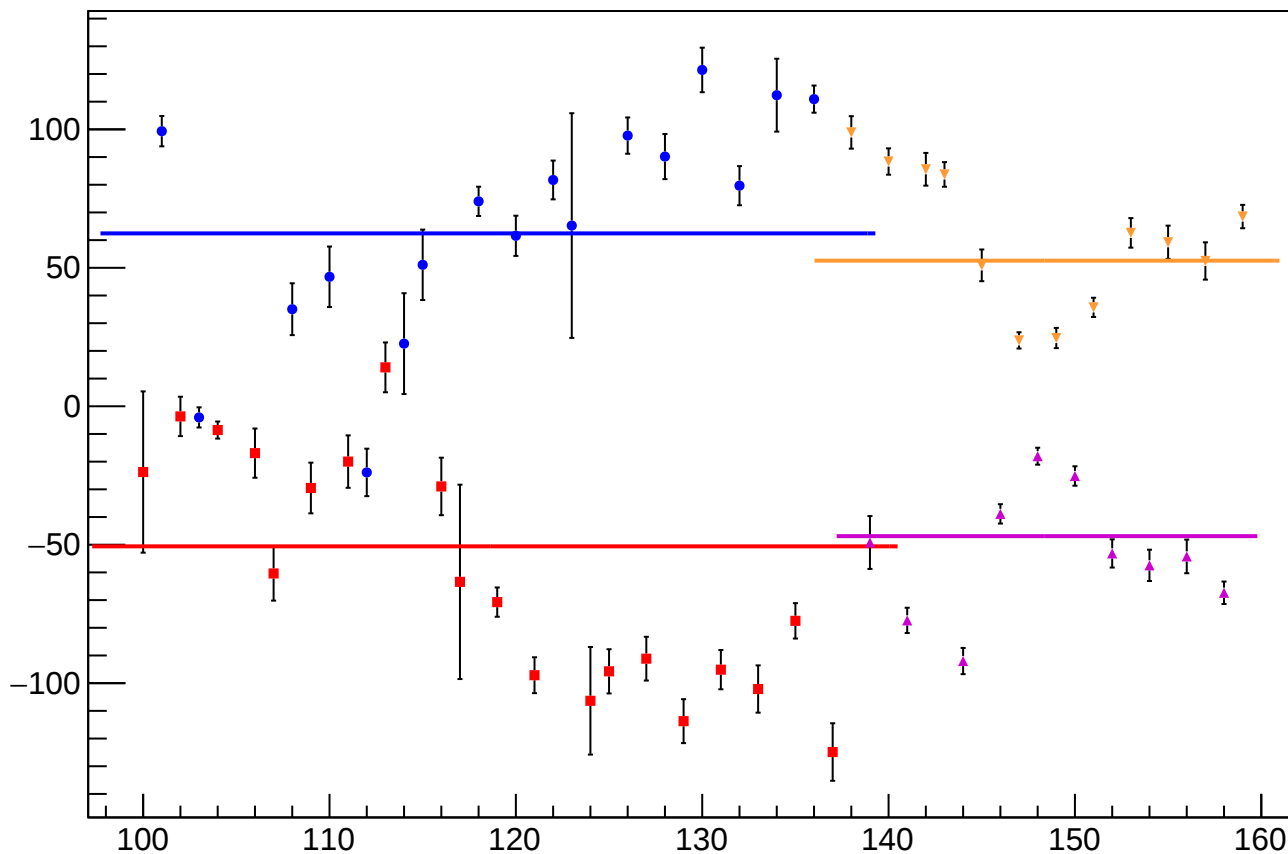
Left In: -322.872 $\pm$ 1.663 χ^2/NDF : 238.1/9

298.764 $\pm$ 1.344 χ^2/NDF : 8386.6/28

4.915 $\pm$ 0.962 χ^2/NDF : 115349.0/58

-303.724 $\pm$ 1.377 χ^2/NDF : 8883.0/29

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.434+/-1.694 χ^2/NDF : 721.8/16

Left Out: 52.585+/-1.294 χ^2/NDF : 396.3/11

Right Out: -50.588+/-1.640 χ^2/NDF : 657.5/19

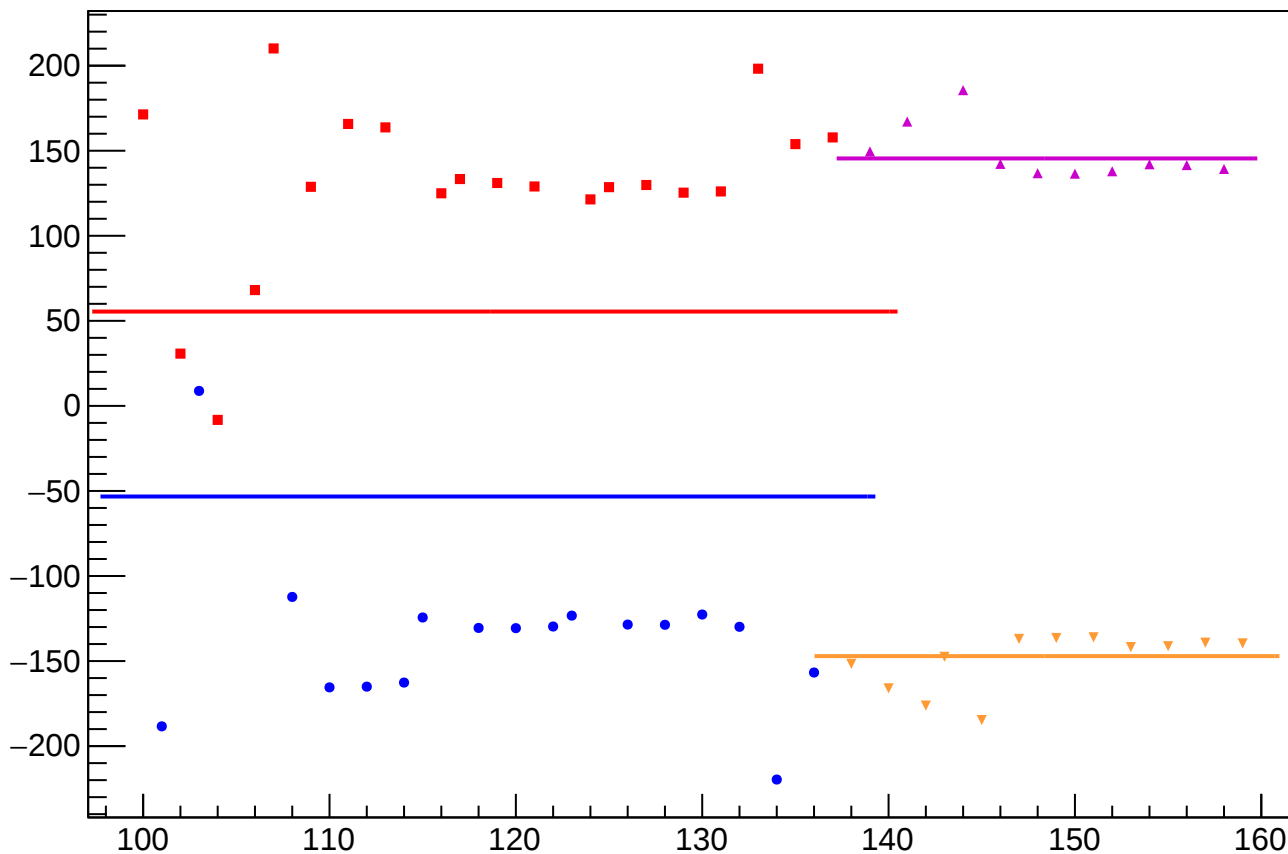
Left In: -46.906+/-1.371 χ^2/NDF : 299.8/9

56.214+/-1.028 χ^2/NDF : 1139.4/28

5.099+/-0.735 χ^2/NDF : 7160.0/58

-48.421+/-1.052 χ^2/NDF : 960.3/29

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.264 $\pm$ 0.070 χ^2/NDF : 1225492.9/16

Left Out: -147.107 $\pm$ 0.065 χ^2/NDF : 50444.0/11

Right Out: 55.455 $\pm$ 0.072 χ^2/NDF : 968274.5/19

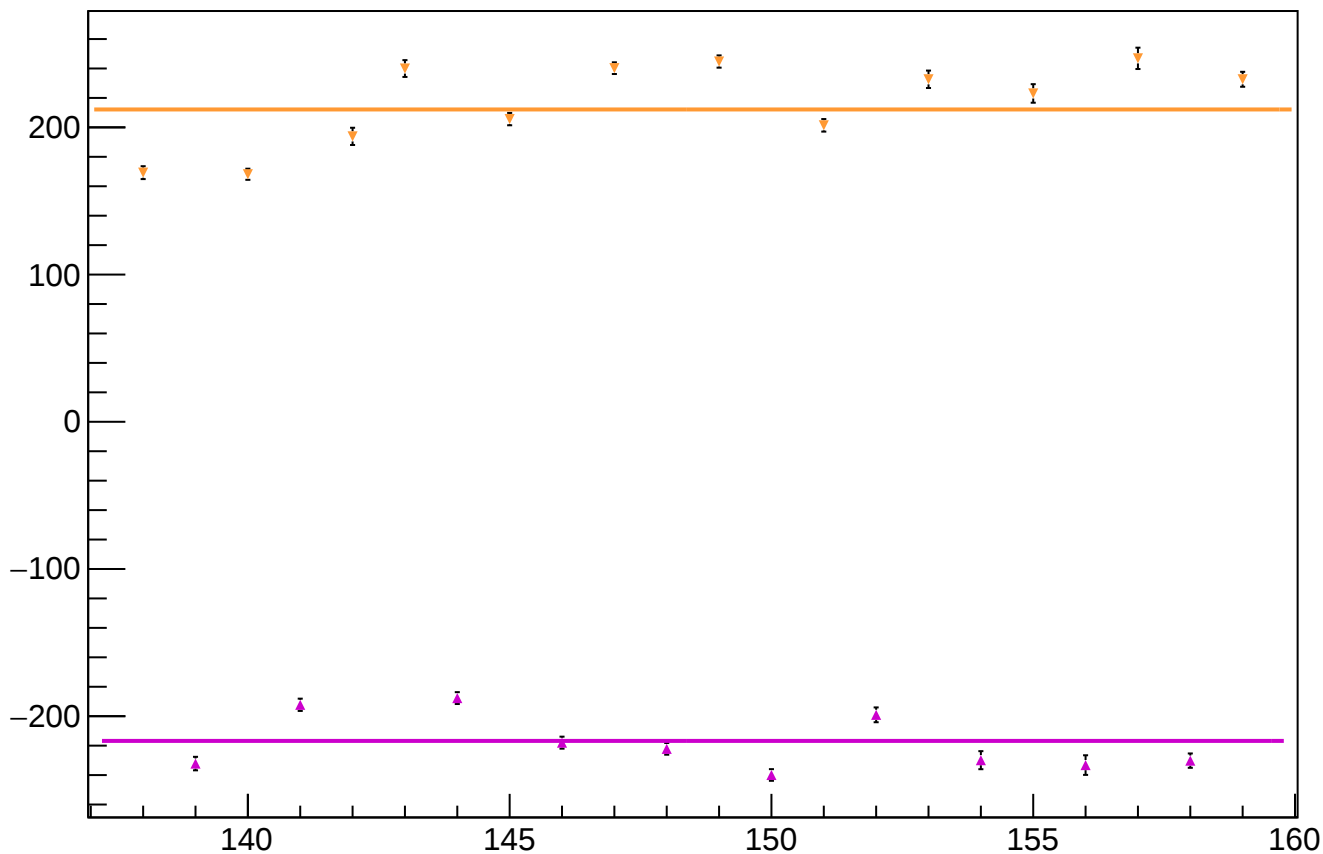
Left In: 145.465 $\pm$ 0.066 χ^2/NDF : 40543.0/9

-104.280 $\pm$ 0.048 χ^2/NDF : 2241590.4/28

-2.730 $\pm$ 0.034 χ^2/NDF : 13446764.9/58

104.054 $\pm$ 0.049 χ^2/NDF : 1854687.1/29

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 212.164 ± 1.379 χ^2/NDF : 438.9/11

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

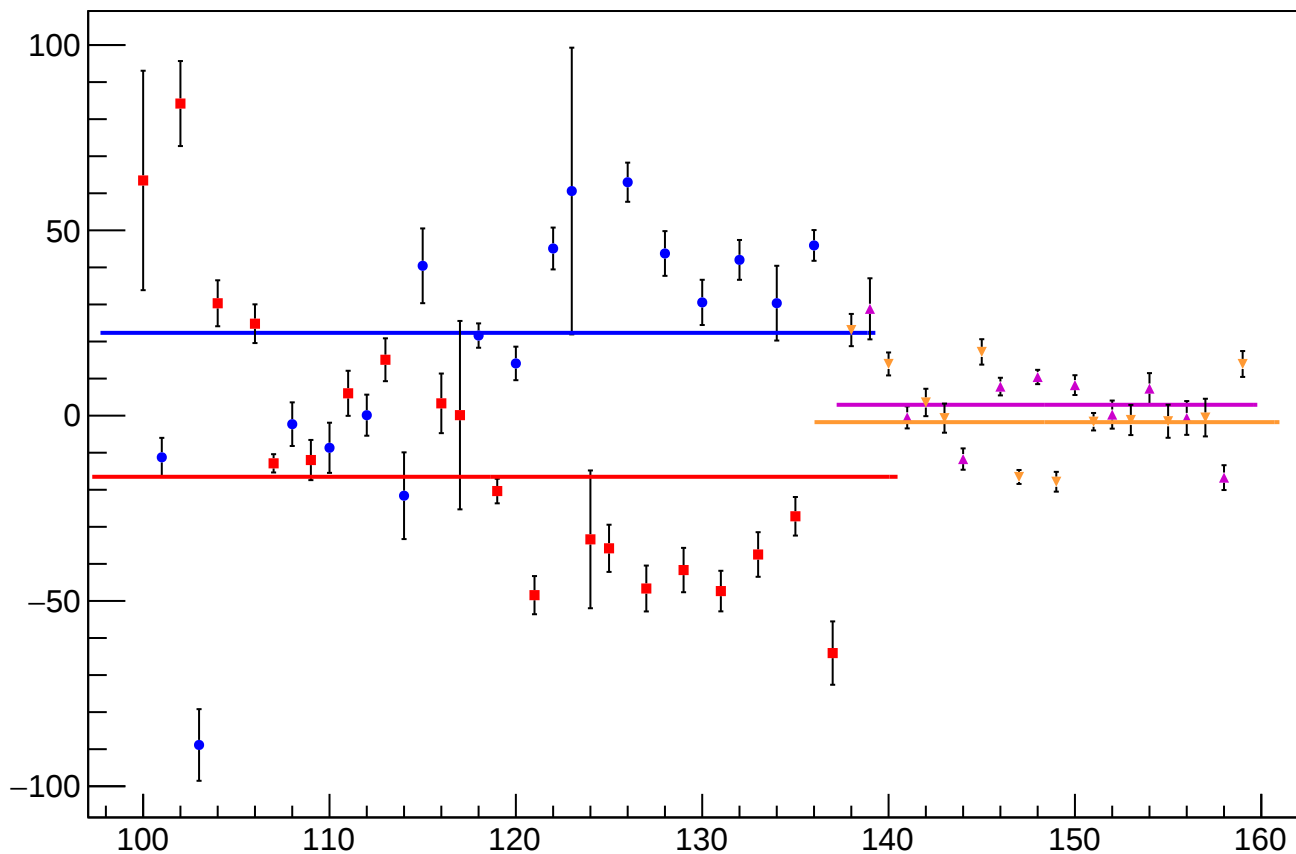
Left In: -216.784 ± 1.437 χ^2/NDF : 164.6/9

212.164 ± 1.379 χ^2/NDF : 438.9/11

6.588 ± 0.995 χ^2/NDF : 46979.9/21

-216.784 ± 1.437 χ^2/NDF : 164.6/9

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.342 ± 1.395 $\chi^2/\text{NDF}: 385.8/16$

Left Out: -1.754 ± 0.908 $\chi^2/\text{NDF}: 209.2/11$

Right Out: -16.498 ± 1.226 $\chi^2/\text{NDF}: 427.0/19$

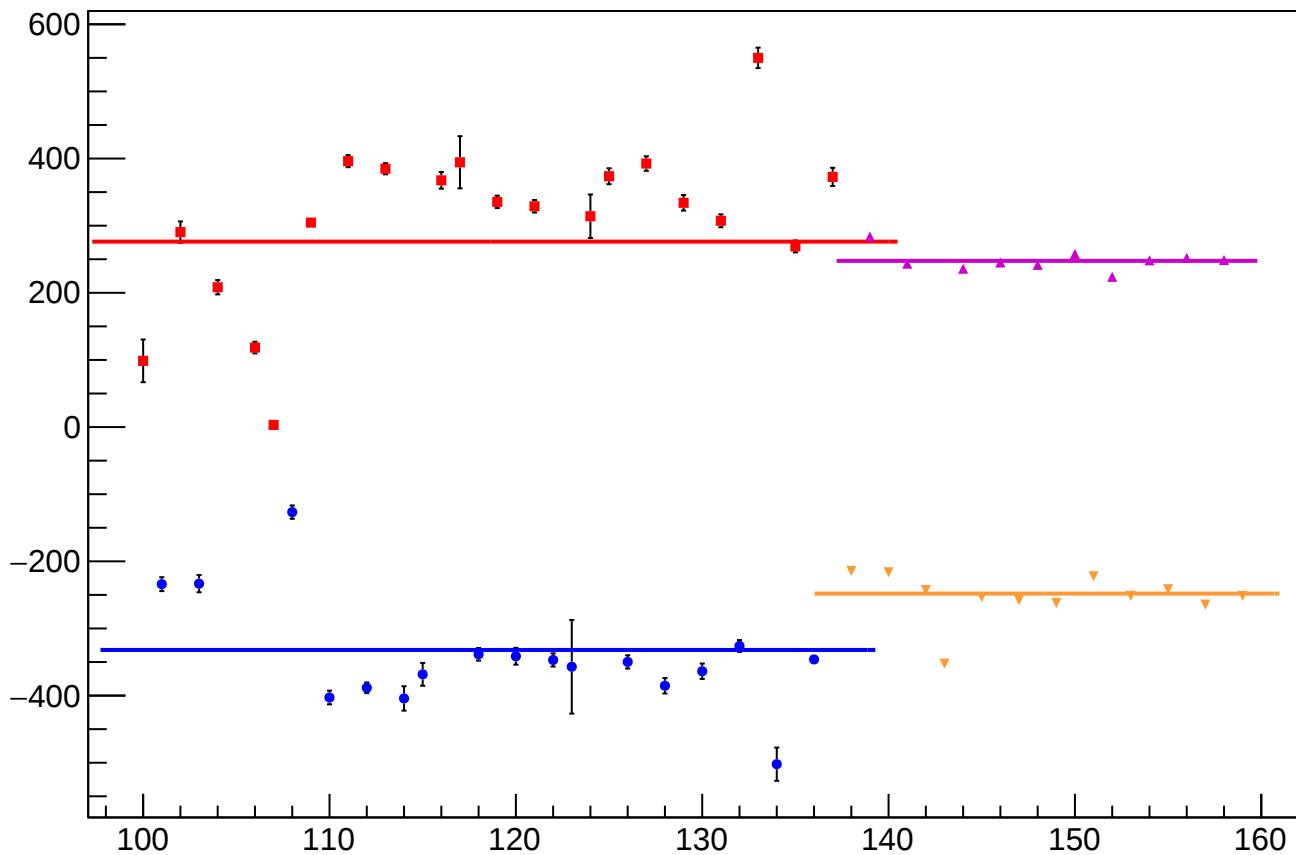
Left In: 2.928 ± 0.954 $\chi^2/\text{NDF}: 97.0/9$

5.413 ± 0.761 $\chi^2/\text{NDF}: 804.6/28$

0.454 ± 0.535 $\chi^2/\text{NDF}: 1569.0/58$

-4.404 ± 0.753 $\chi^2/\text{NDF}: 680.3/29$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.989+/-2.580 χ^2/NDF : 785.0/16

Left Out: -248.041+/-1.364 χ^2/NDF : 475.7/11

Right Out: 276.265+/-2.320 χ^2/NDF : 3371.5/19

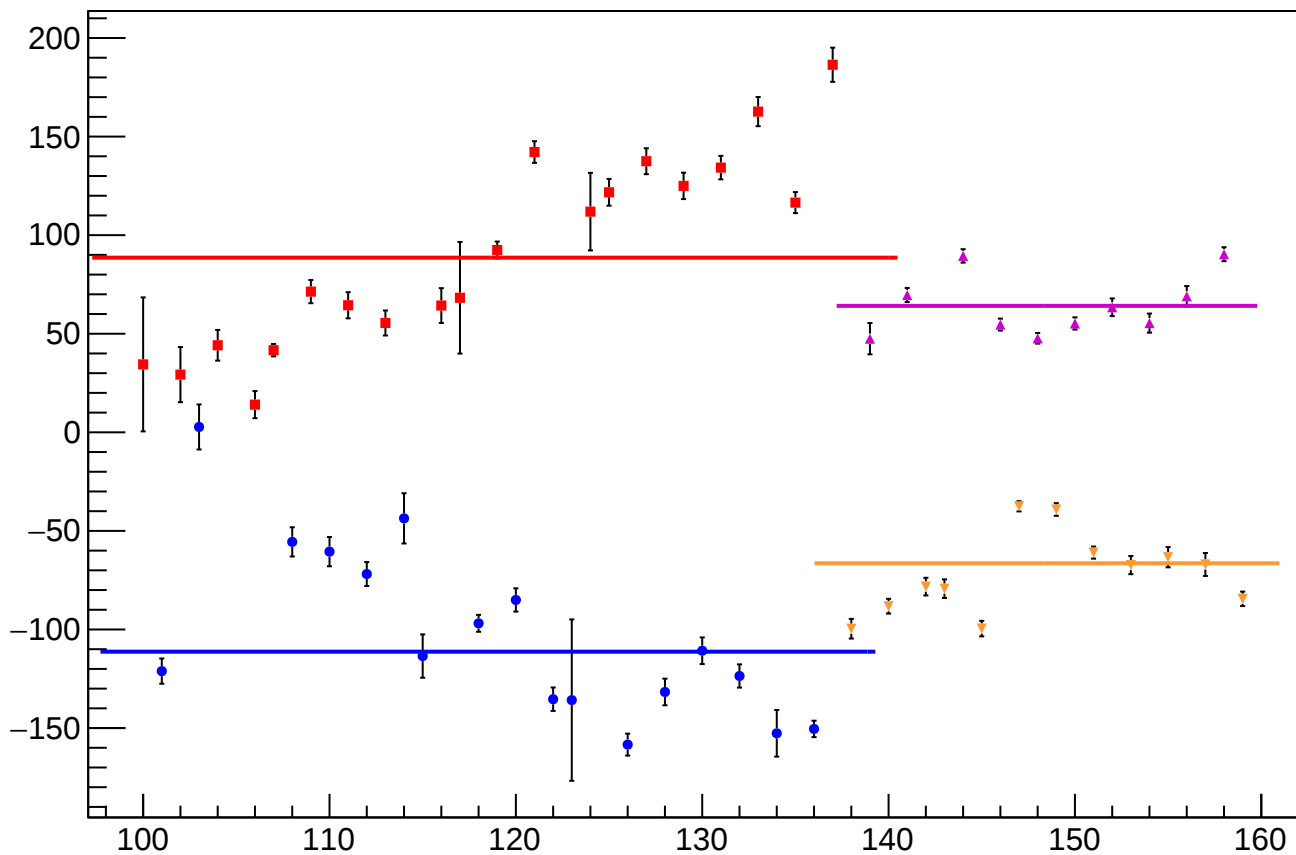
Left In: 247.582+/-1.407 χ^2/NDF : 97.0/9

-266.377+/-1.206 χ^2/NDF : 2088.0/28

-4.994+/-0.852 χ^2/NDF : 99441.9/58

255.296+/-1.203 χ^2/NDF : 3580.2/29

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -111.257 $\pm$ 1.597 χ^2 /NDF: 509.6/16

Left Out: -66.409 $\pm$ 1.111 χ^2 /NDF:386.0/11

Right Out: 88.581 $\pm$ 1.431 χ^2 /NDF: 971.5/19

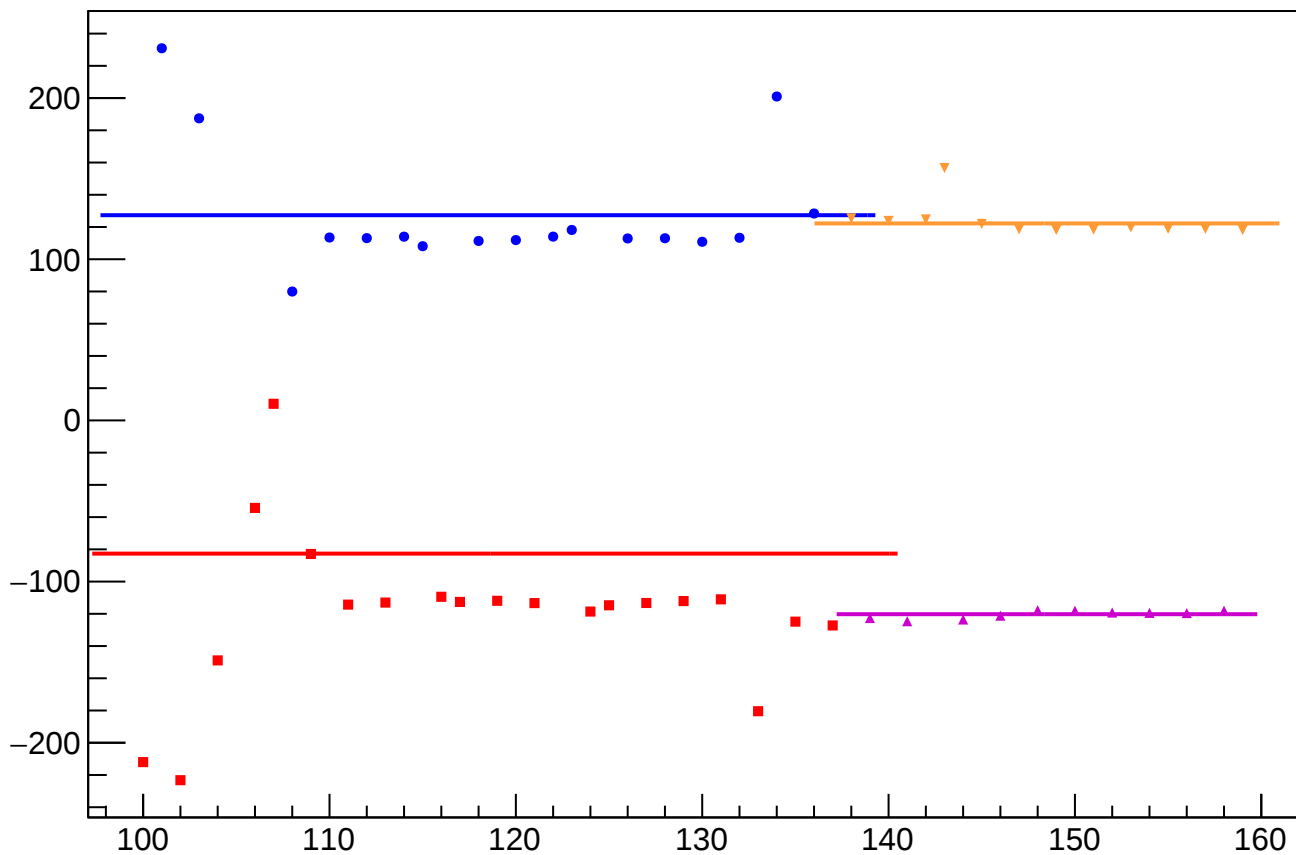
Left In: 64.147 $\pm$ 1.163 χ^2 /NDF:176.2/9

-81.038 $\pm$ 0.912 χ^2 /NDF: 1426.8/28

-2.775 $\pm$ 0.642 χ^2 /NDF: 17319.2/58

73.868 $\pm$ 0.903 χ^2 /NDF: 1323.2/29

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.323+/-0.089 χ^2/NDF : 187776.4/16

Left Out: 122.220+/-0.055 χ^2/NDF : 22876.9/11

Right Out: -82.649+/-0.075 χ^2/NDF : 765307.1/19

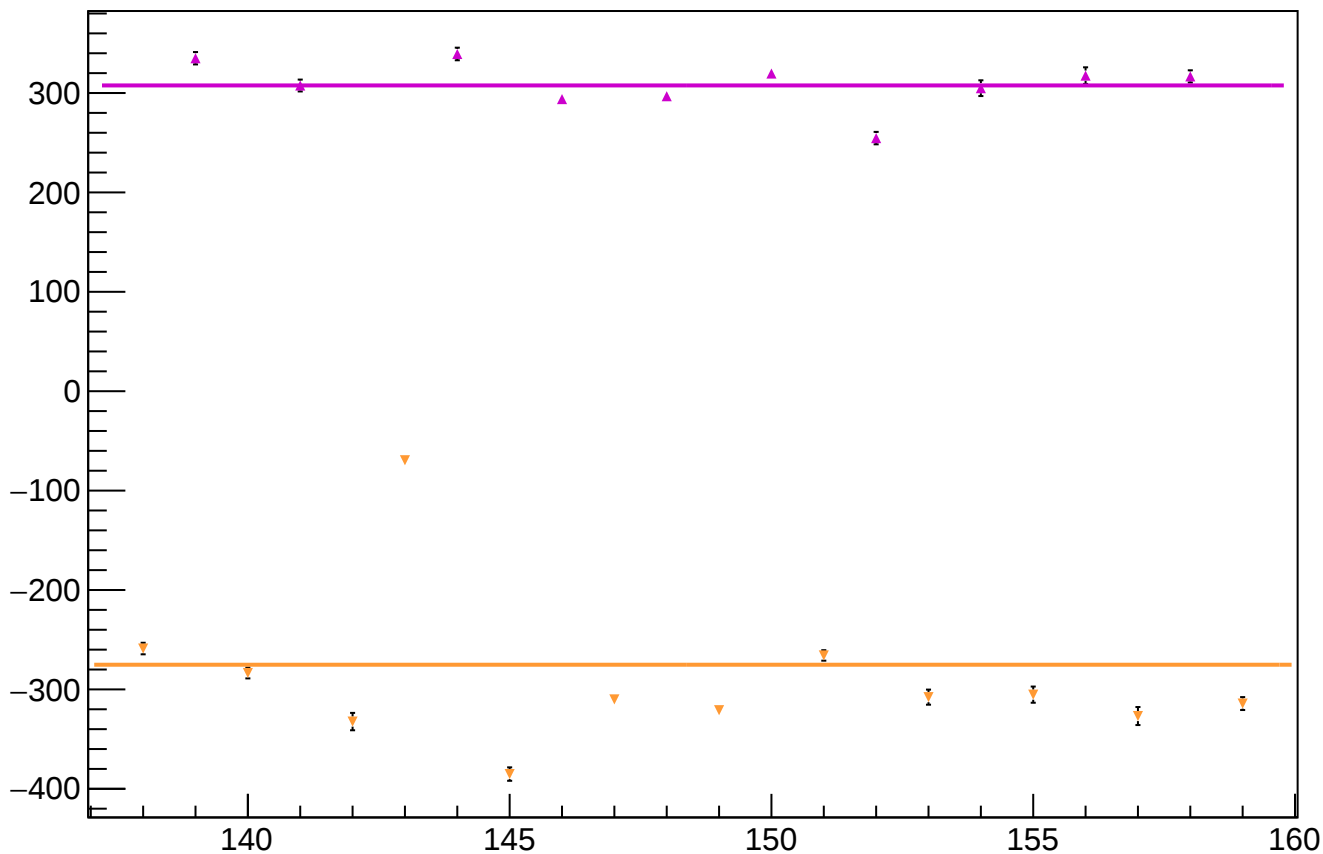
Left In: -120.235+/-0.056 χ^2/NDF : 1777.6/9

123.622+/-0.047 χ^2/NDF : 213014.3/28

3.844+/-0.032 χ^2/NDF : 13700023.3/58

-106.785+/-0.045 χ^2/NDF : 927046.6/29

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -275.175 ± 1.751 $\chi^2/\text{NDF}: 2301.2/11$

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

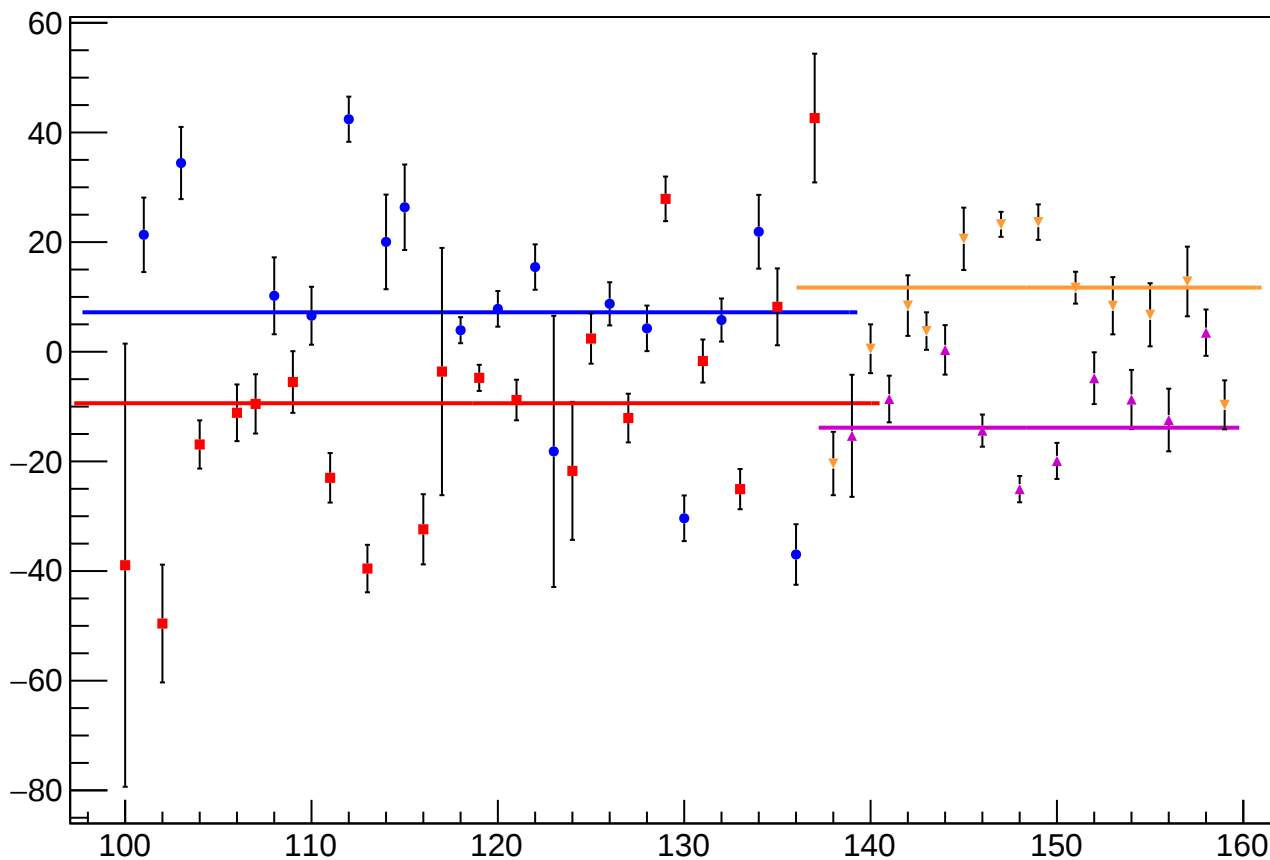
Left In: 307.631 ± 1.881 $\chi^2/\text{NDF}: 137.7/9$

-275.175 ± 1.751 $\chi^2/\text{NDF}: 2301.2/11$

-4.565 ± 1.282 $\chi^2/\text{NDF}: 53856.8/21$

307.631 ± 1.881 $\chi^2/\text{NDF}: 137.7/9$

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.199 ± 1.103 χ^2/NDF : 260.9/16

Left Out: 11.710 ± 1.135 χ^2/NDF : 108.5/11

Right Out: -9.390 ± 1.070 χ^2/NDF : 232.2/19

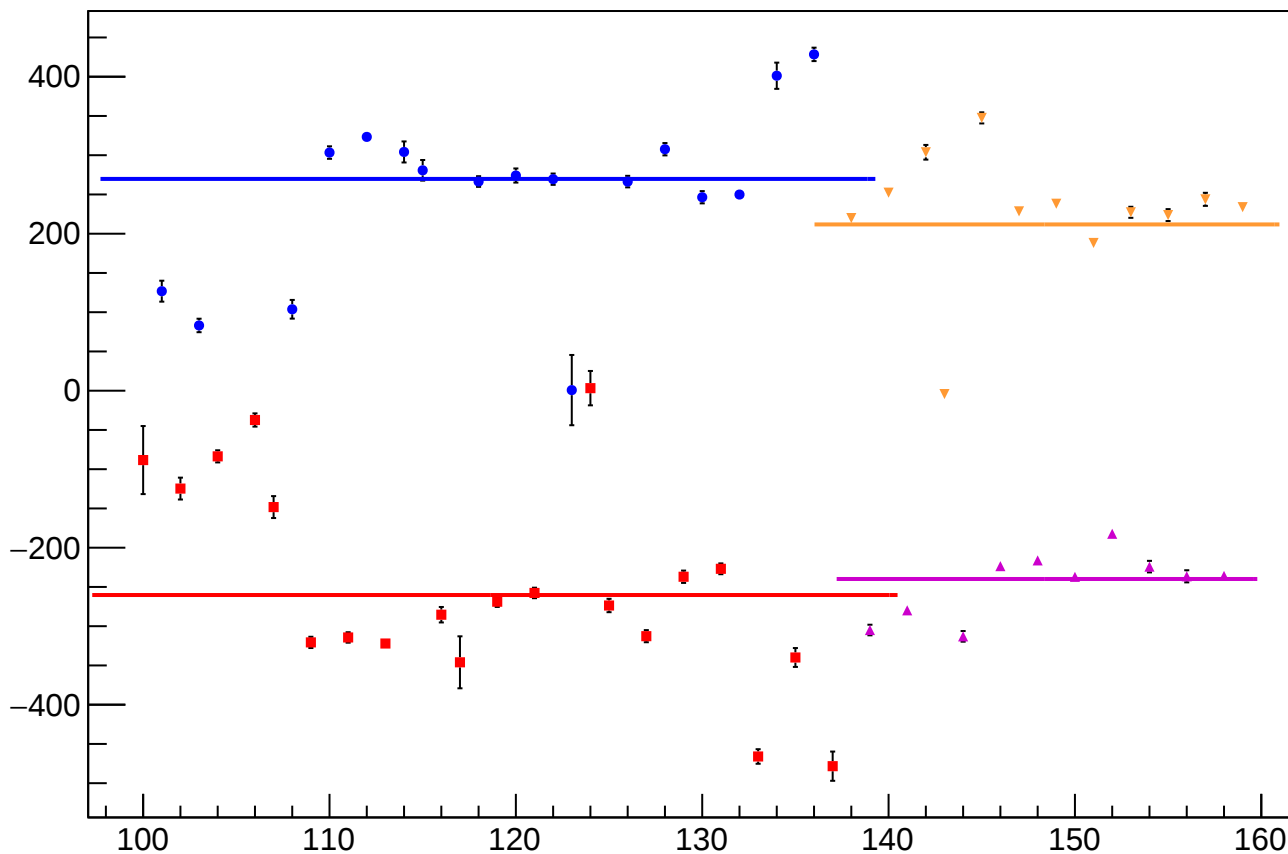
Left In: -13.850 ± 1.231 χ^2/NDF : 58.1/9

9.391 ± 0.791 χ^2/NDF : 377.5/28

-0.744 ± 0.565 χ^2/NDF : 1010.7/58

-11.309 ± 0.807 χ^2/NDF : 297.8/29

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.806 ± 2.089 $\chi^2/\text{NDF}: 1374.1/16$

Left Out: 211.820 ± 1.726 $\chi^2/\text{NDF}: 2307.1/11$

Right Out: -260.286 ± 1.973 $\chi^2/\text{NDF}: 2545.4/19$

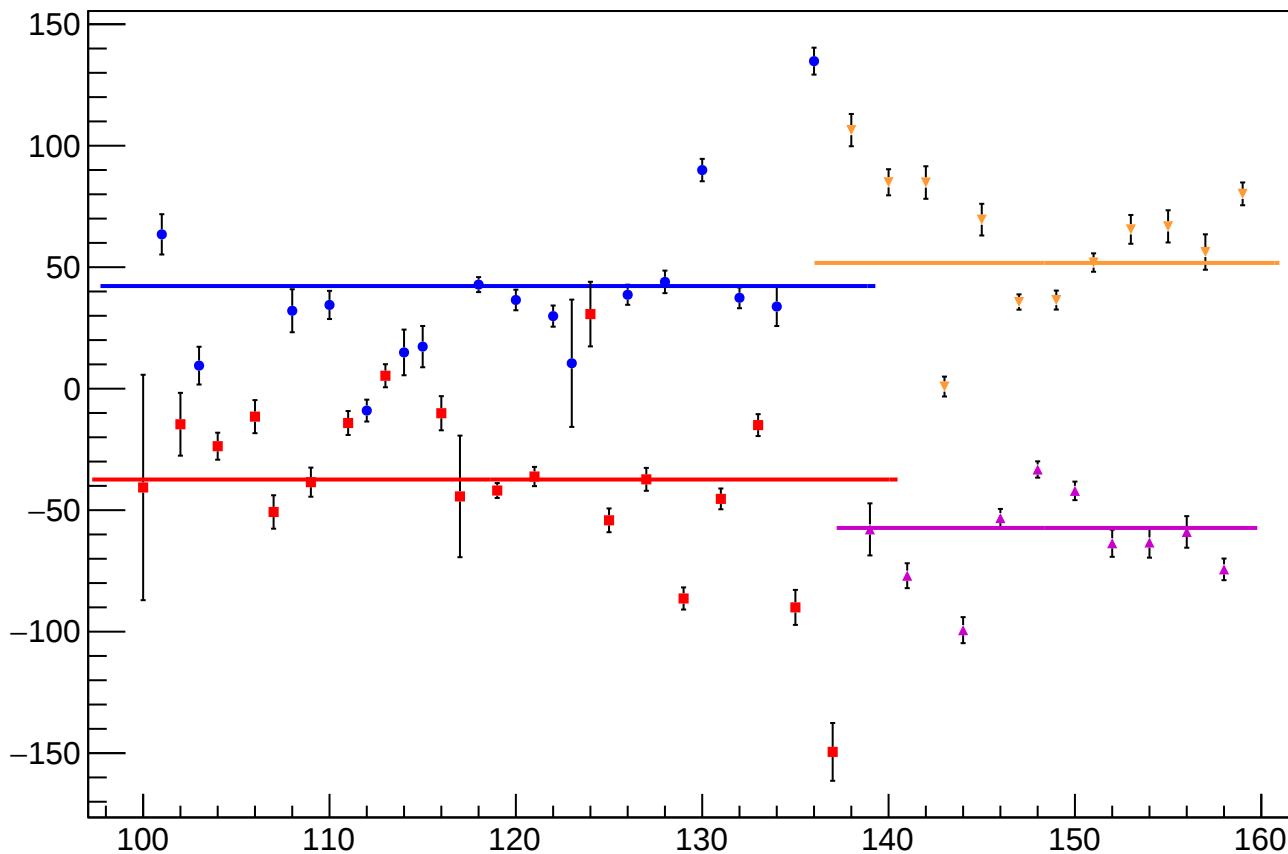
Left In: -239.862 ± 1.827 $\chi^2/\text{NDF}: 383.5/9$

235.343 ± 1.331 $\chi^2/\text{NDF}: 4139.1/28$

-5.140 ± 0.944 $\chi^2/\text{NDF}: 72953.2/58$

-249.289 ± 1.341 $\chi^2/\text{NDF}: 2986.5/29$

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.242 ± 1.274 $\chi^2/\text{NDF}: 574.4/16$

Left Out: 51.760 ± 1.394 $\chi^2/\text{NDF}: 381.5/11$

Right Out: -37.384 ± 1.233 $\chi^2/\text{NDF}: 472.4/19$

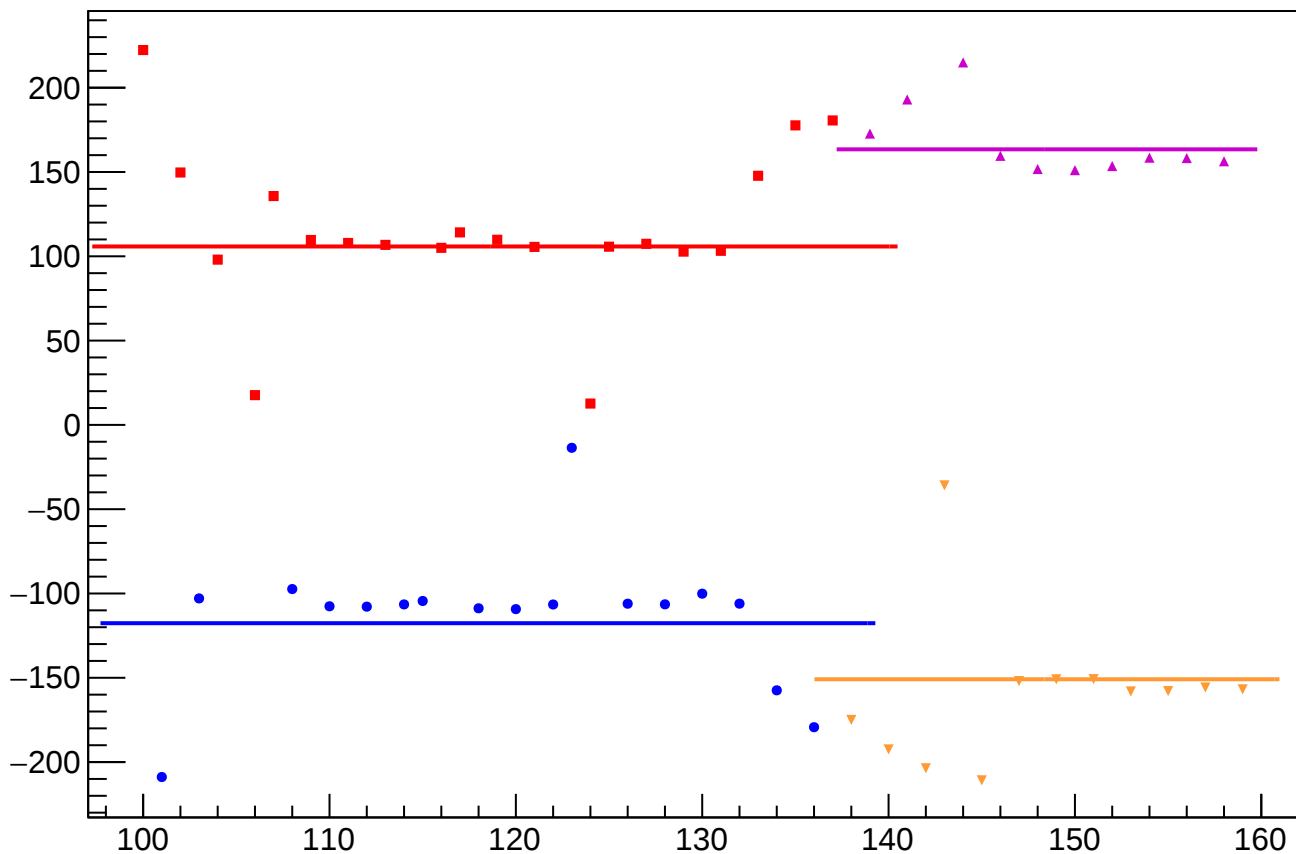
Left In: -57.321 ± 1.505 $\chi^2/\text{NDF}: 161.7/9$

46.571 ± 0.940 $\chi^2/\text{NDF}: 981.3/28$

1.243 ± 0.670 $\chi^2/\text{NDF}: 6433.7/58$

-45.390 ± 0.954 $\chi^2/\text{NDF}: 739.1/29$

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.625+/-0.079 χ^2/NDF : 141872.3/16

Left Out: -150.875+/-0.070 χ^2/NDF : 403223.4/11

Right Out: 105.826+/-0.073 χ^2/NDF : 323138.4/19

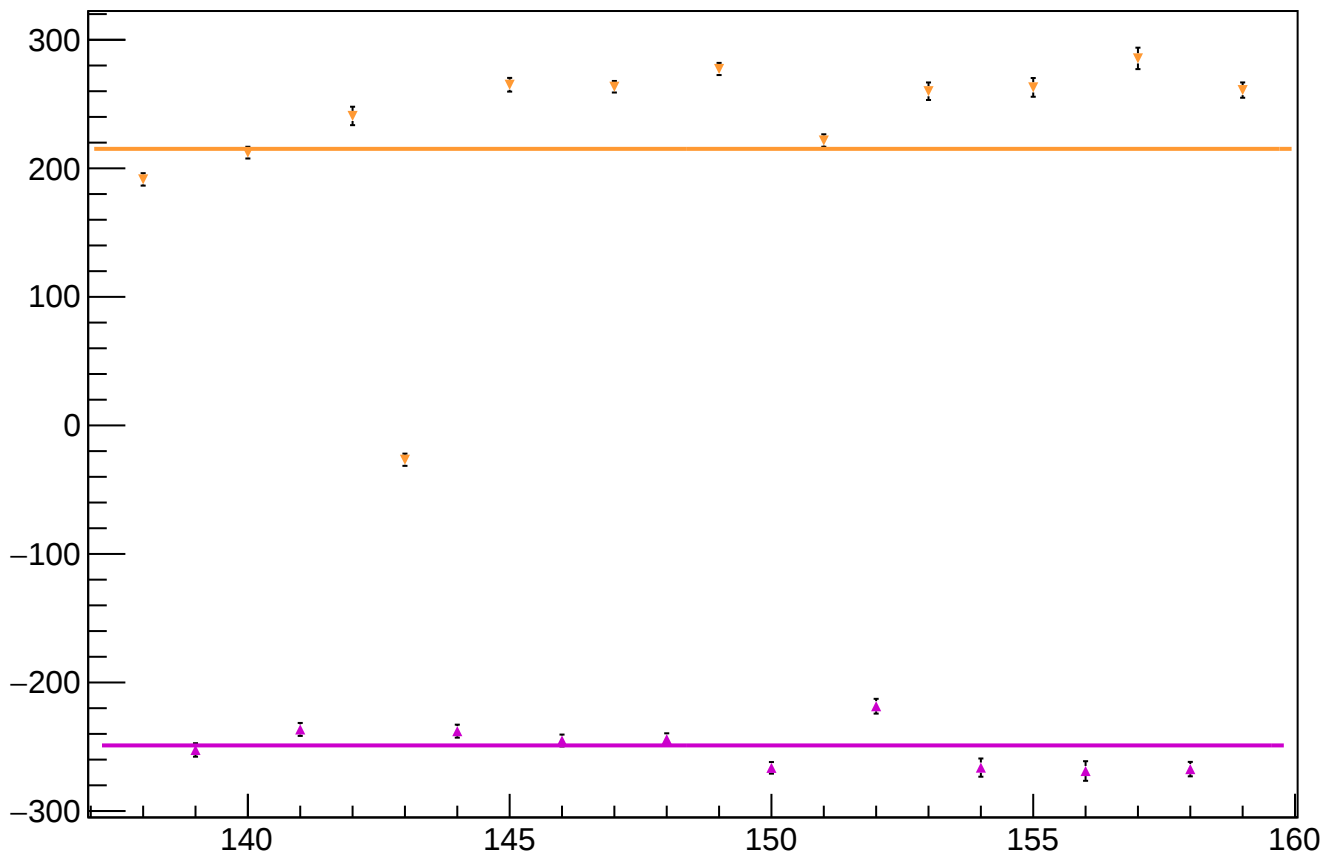
Left In: 163.450+/-0.073 χ^2/NDF : 56368.4/9

-136.195+/-0.052 χ^2/NDF : 645225.5/28

0.916+/-0.037 χ^2/NDF : 14972811.0/58

134.545+/-0.052 χ^2/NDF : 692362.3/29

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 215.155+/-1.564 χ^2/NDF : 3218.5/11

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

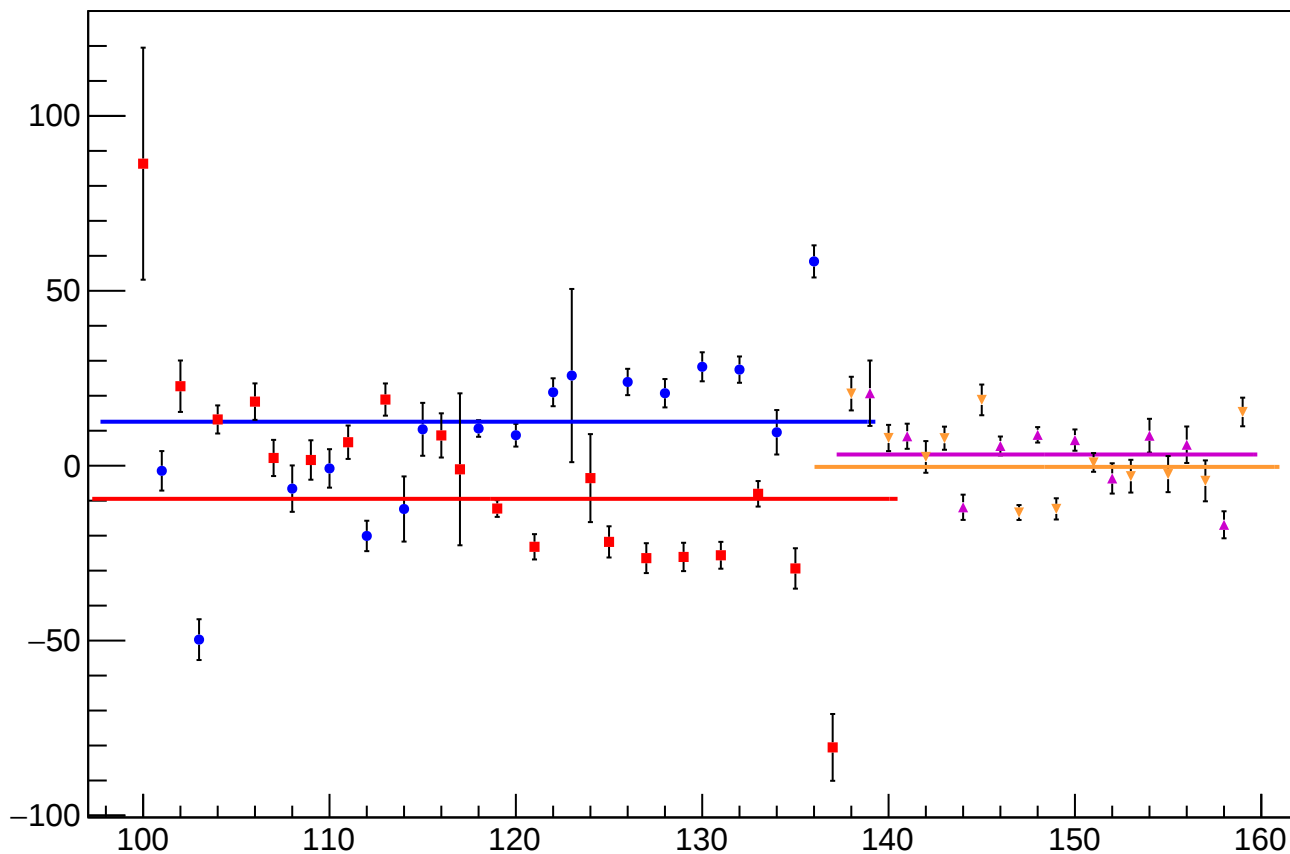
Left In: -248.961+/-1.671 χ^2/NDF : 79.8/9

215.155+/-1.564 χ^2/NDF : 3218.5/11

-1.586+/-1.142 χ^2/NDF : 44415.4/21

-248.961+/-1.671 χ^2/NDF : 79.8/9

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.574 ± 1.074 $\chi^2/\text{NDF}: 348.0/16$

Left Out: -0.339 ± 1.028 $\chi^2/\text{NDF}: 118.4/11$

Right Out: -9.474 ± 1.046 $\chi^2/\text{NDF}: 296.0/19$

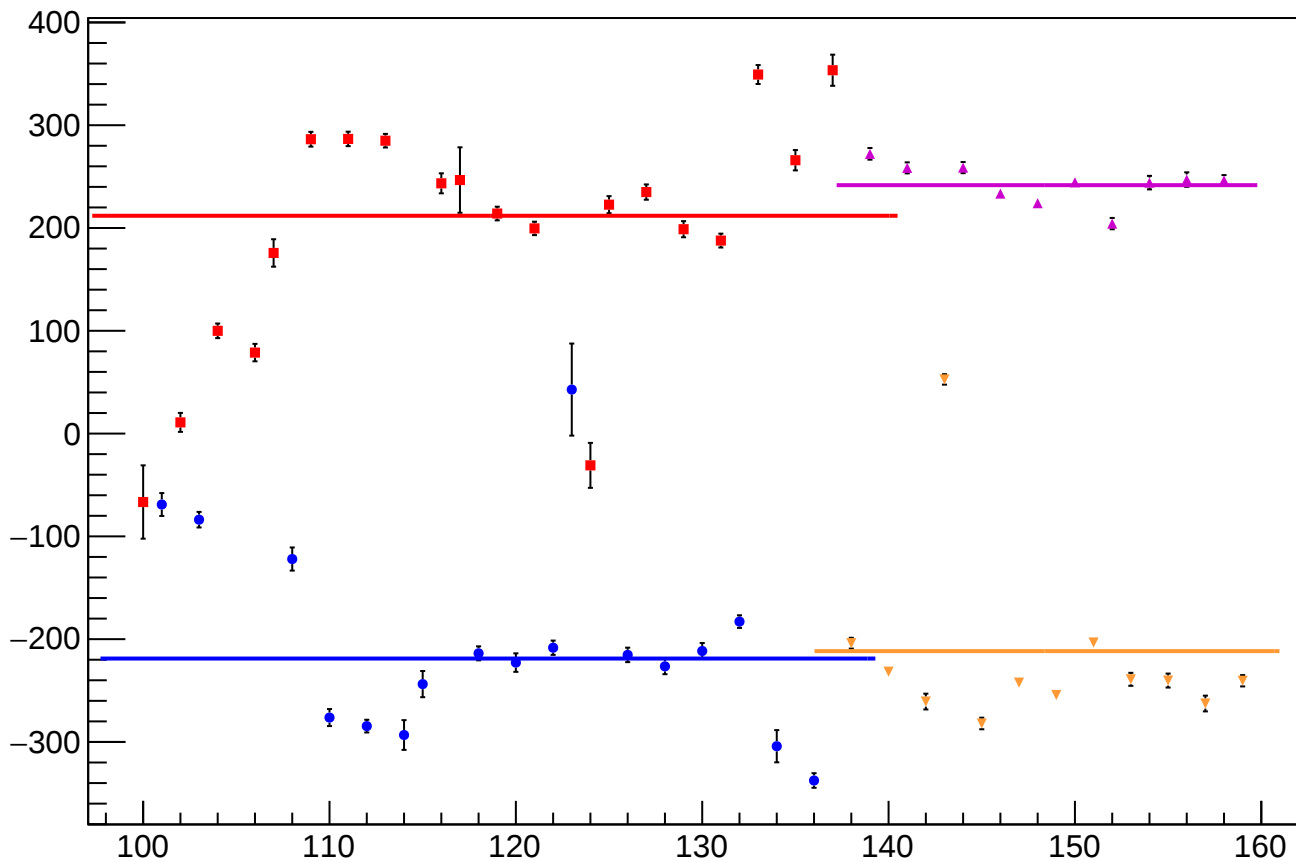
Left In: 3.203 ± 1.107 $\chi^2/\text{NDF}: 63.3/9$

5.832 ± 0.742 $\chi^2/\text{NDF}: 541.9/28$

1.281 ± 0.531 $\chi^2/\text{NDF}: 1047.4/58$

-3.493 ± 0.760 $\chi^2/\text{NDF}: 428.6/29$

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.855 ± 2.023 $\chi^2/\text{NDF}: 1146.6/16$

Left Out: -211.618 ± 1.549 $\chi^2/\text{NDF}: 3186.0/11$

Right Out: 211.907 ± 1.920 $\chi^2/\text{NDF}: 1886.4/19$

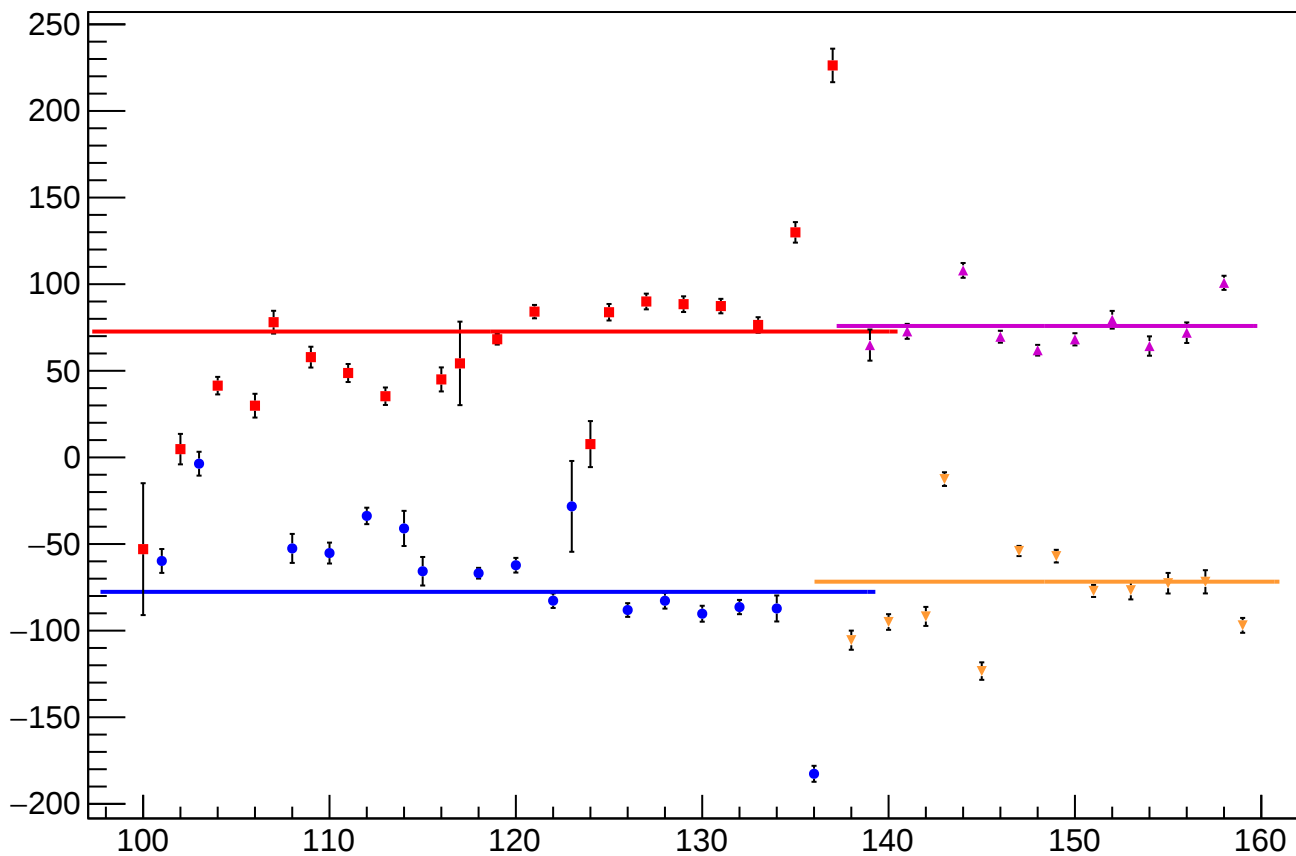
Left In: 241.677 ± 1.632 $\chi^2/\text{NDF}: 117.1/9$

-214.294 ± 1.230 $\chi^2/\text{NDF}: 4340.7/28$

5.000 ± 0.874 $\chi^2/\text{NDF}: 70784.4/58$

229.194 ± 1.243 $\chi^2/\text{NDF}: 2143.0/29$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.612 ± 1.236 χ^2/NDF : 815.9/16

Left Out: -71.738 ± 1.259 χ^2/NDF : 496.3/11

Right Out: 72.664 ± 1.205 χ^2/NDF : 672.0/19

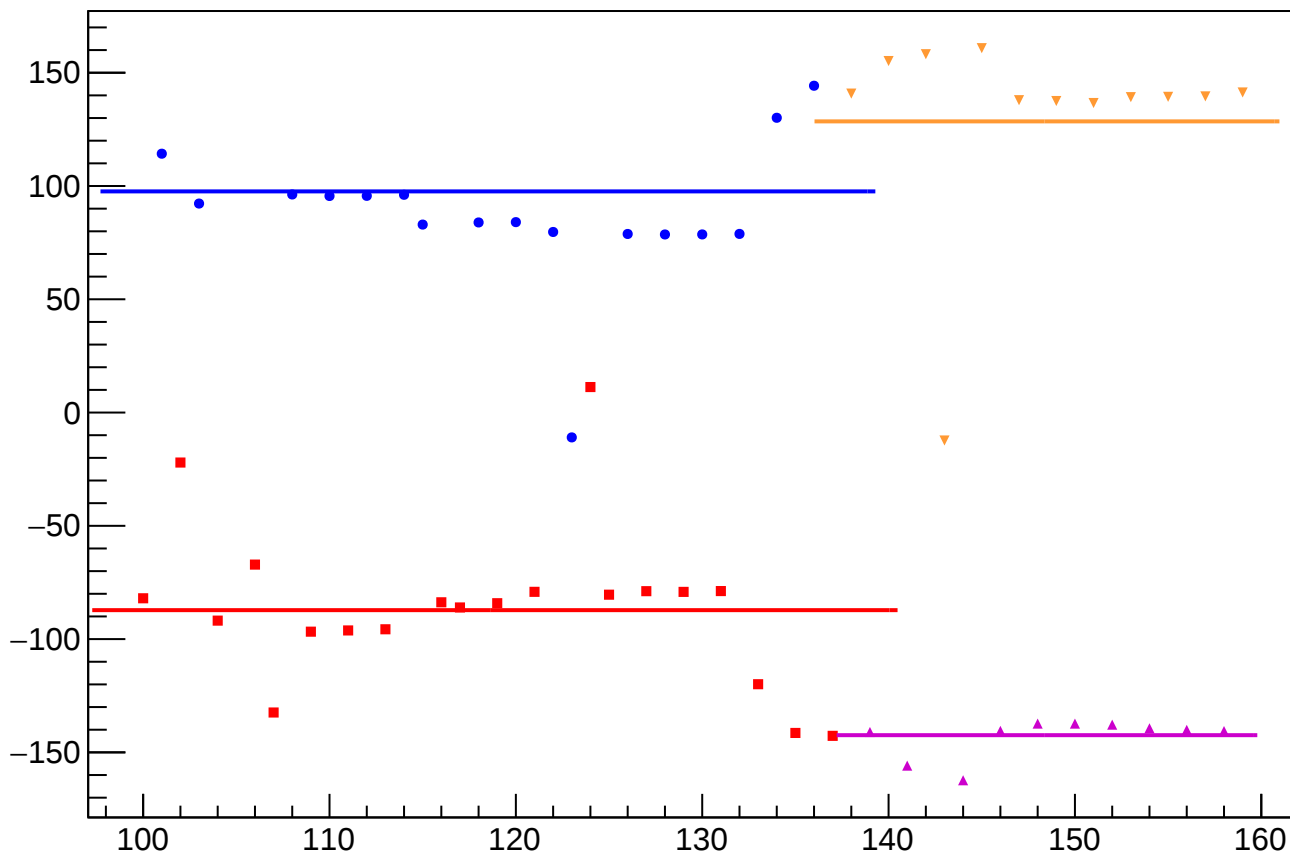
Left In: 75.883 ± 1.350 χ^2/NDF : 129.4/9

-74.728 ± 0.882 χ^2/NDF : 1323.3/28

-1.719 ± 0.630 χ^2/NDF : 16087.8/58

74.090 ± 0.899 χ^2/NDF : 804.6/29

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.620+/-0.074 χ^2/NDF : 94045.2/16

Left Out: 128.524+/-0.063 χ^2/NDF : 547016.2/11

Right Out: -87.224+/-0.068 χ^2/NDF : 220851.2/19

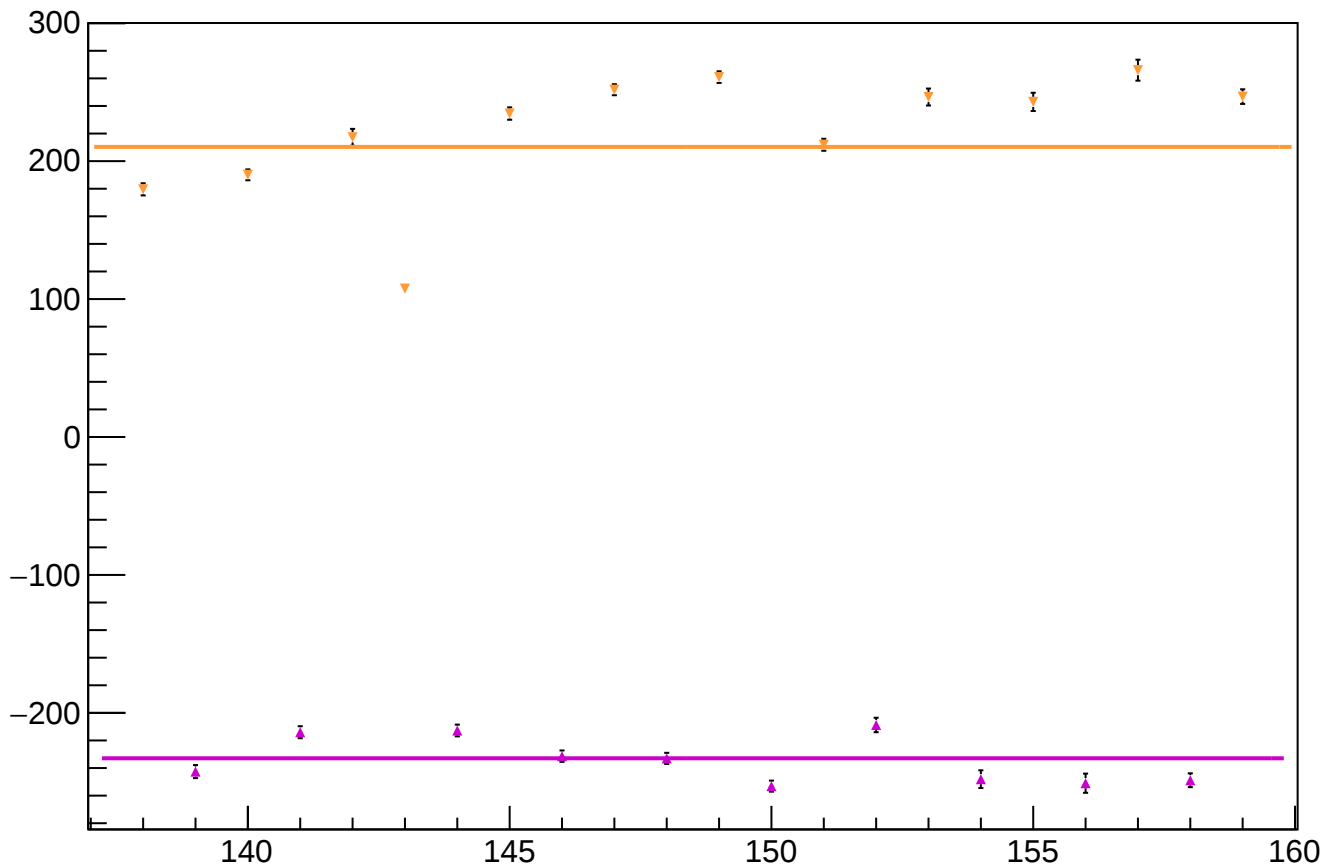
Left In: -142.410+/-0.065 χ^2/NDF : 13477.4/9

115.585+/-0.048 χ^2/NDF : 743241.8/28

-1.732+/-0.034 χ^2/NDF : 13268222.1/58

-116.094+/-0.047 χ^2/NDF : 576934.4/29

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 210.319 ± 1.357 χ^2/NDF : 1338.0/11

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

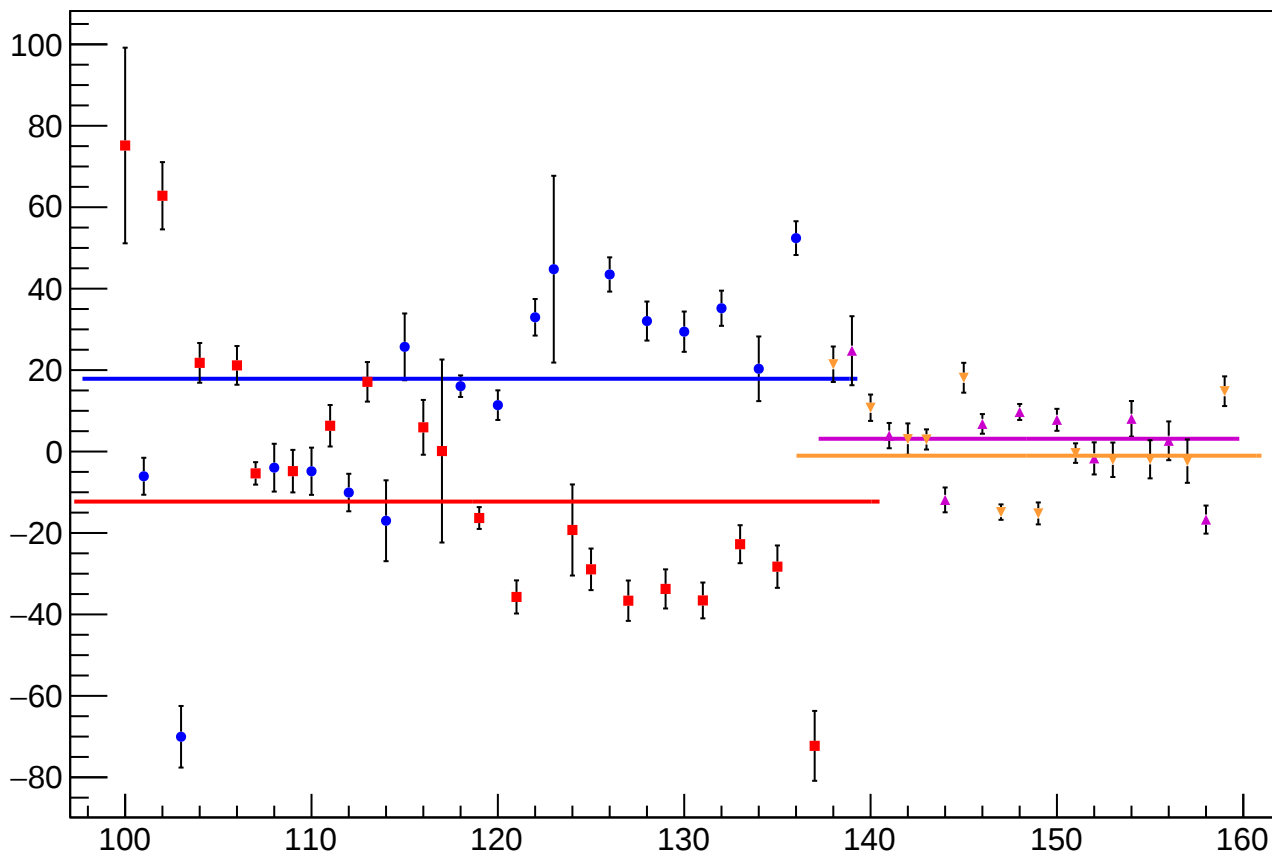
Left In: -232.932 ± 1.482 χ^2/NDF : 114.4/9

210.319 ± 1.357 χ^2/NDF : 1338.0/11

8.193 ± 1.001 χ^2/NDF : 50111.8/21

-232.932 ± 1.482 χ^2/NDF : 114.4/9

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.872+/-1.166 χ^2/NDF : 395.3/16

Left Out: -1.021+/-0.893 χ^2/NDF : 171.1/11

Right Out: -12.288+/-1.082 χ^2/NDF : 444.4/19

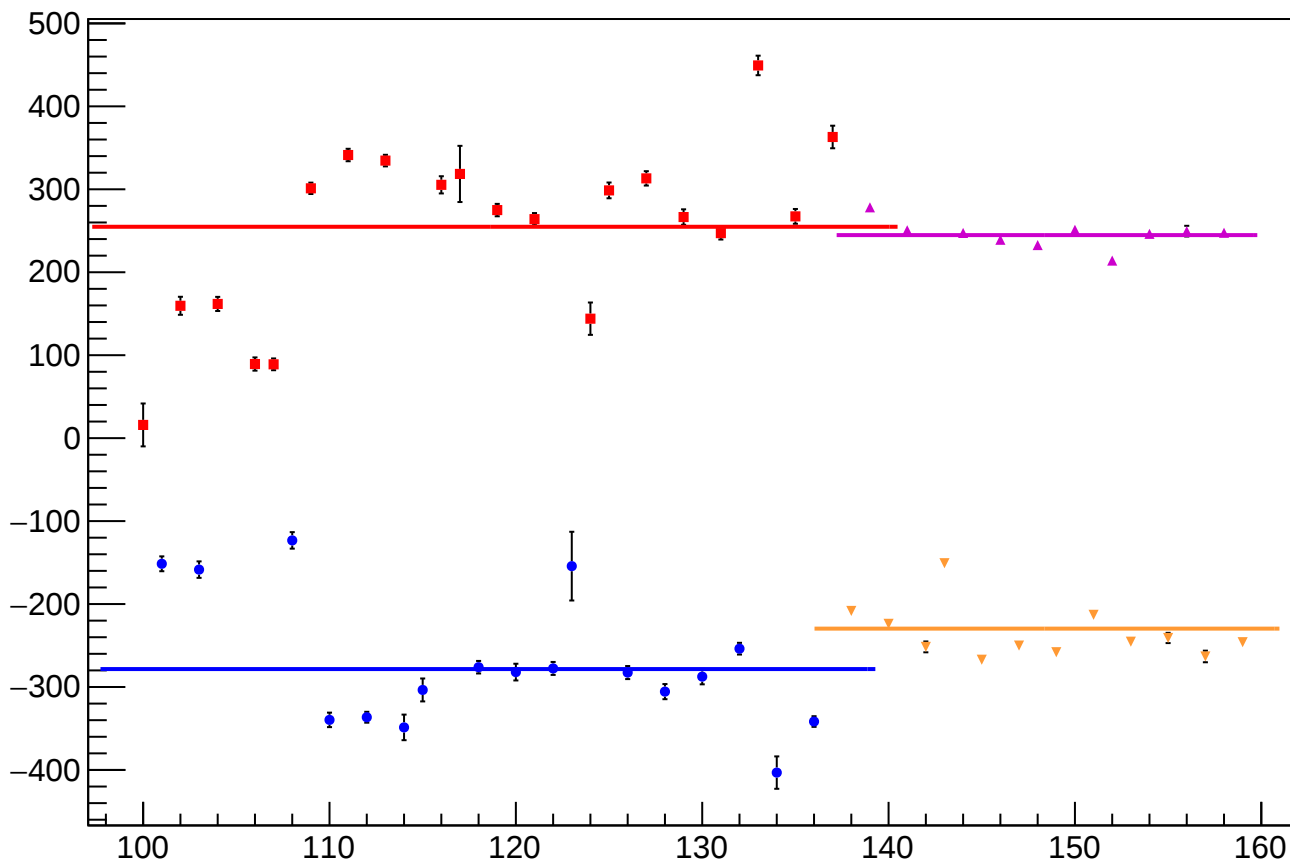
Left In: 3.139+/-0.980 χ^2/NDF : 83.3/9

5.962+/-0.709 χ^2/NDF : 732.0/28

1.194+/-0.507 χ^2/NDF : 1464.1/58

-3.817+/-0.727 χ^2/NDF : 639.3/29

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.380 ± 2.185 χ^2/NDF : 910.6/16

Left Out: -229.626 ± 1.350 χ^2/NDF : 663.0/11

Right Out: 254.830 ± 2.016 χ^2/NDF : 2041.0/19

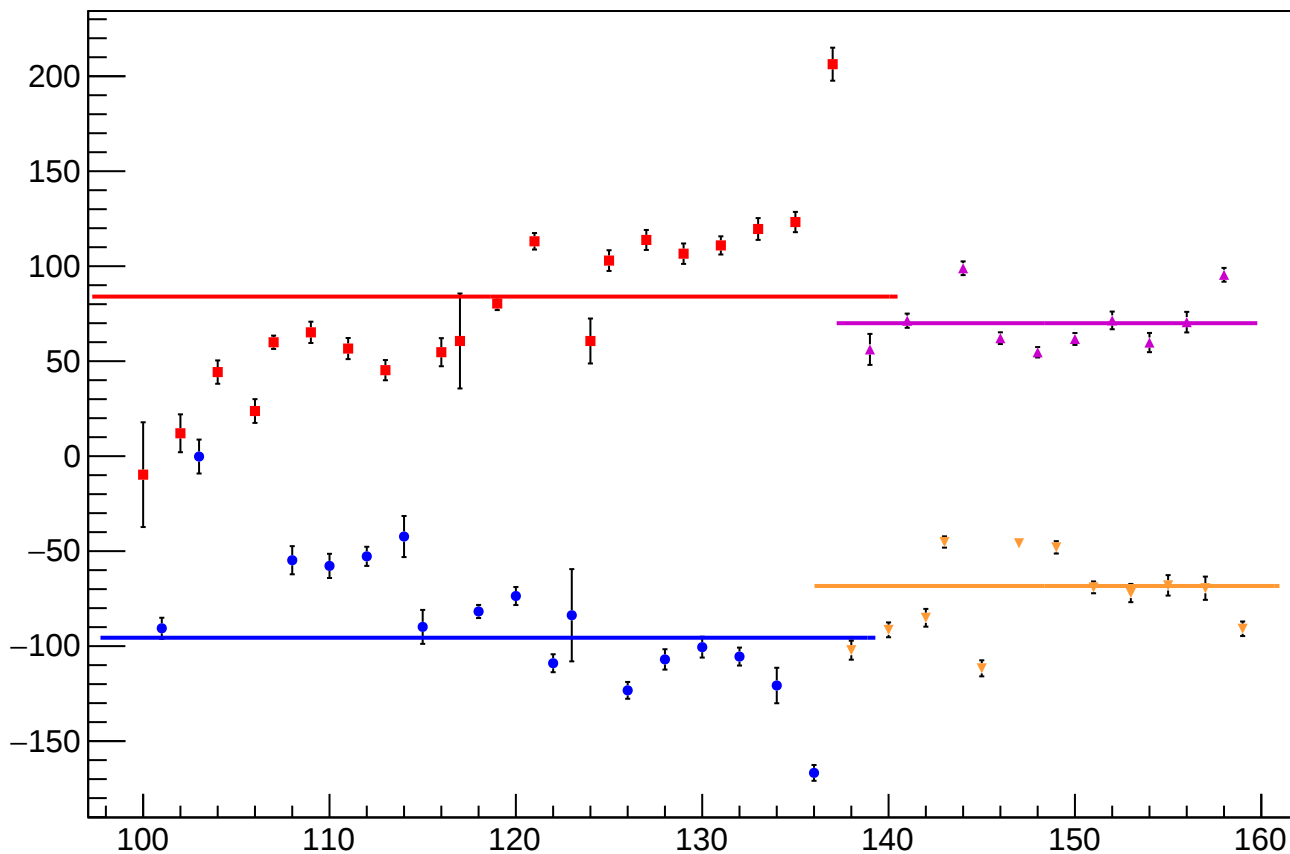
Left In: 244.780 ± 1.449 χ^2/NDF : 98.1/9

-243.092 ± 1.148 χ^2/NDF : 1934.0/28

-3.486 ± 0.822 χ^2/NDF : 93370.5/58

248.204 ± 1.177 χ^2/NDF : 2155.5/29

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.576 ± 1.340 χ^2/NDF : 671.2/16

Left Out: -68.340 ± 1.093 χ^2/NDF : 407.7/11

Right Out: 84.003 ± 1.255 χ^2/NDF : 784.1/19

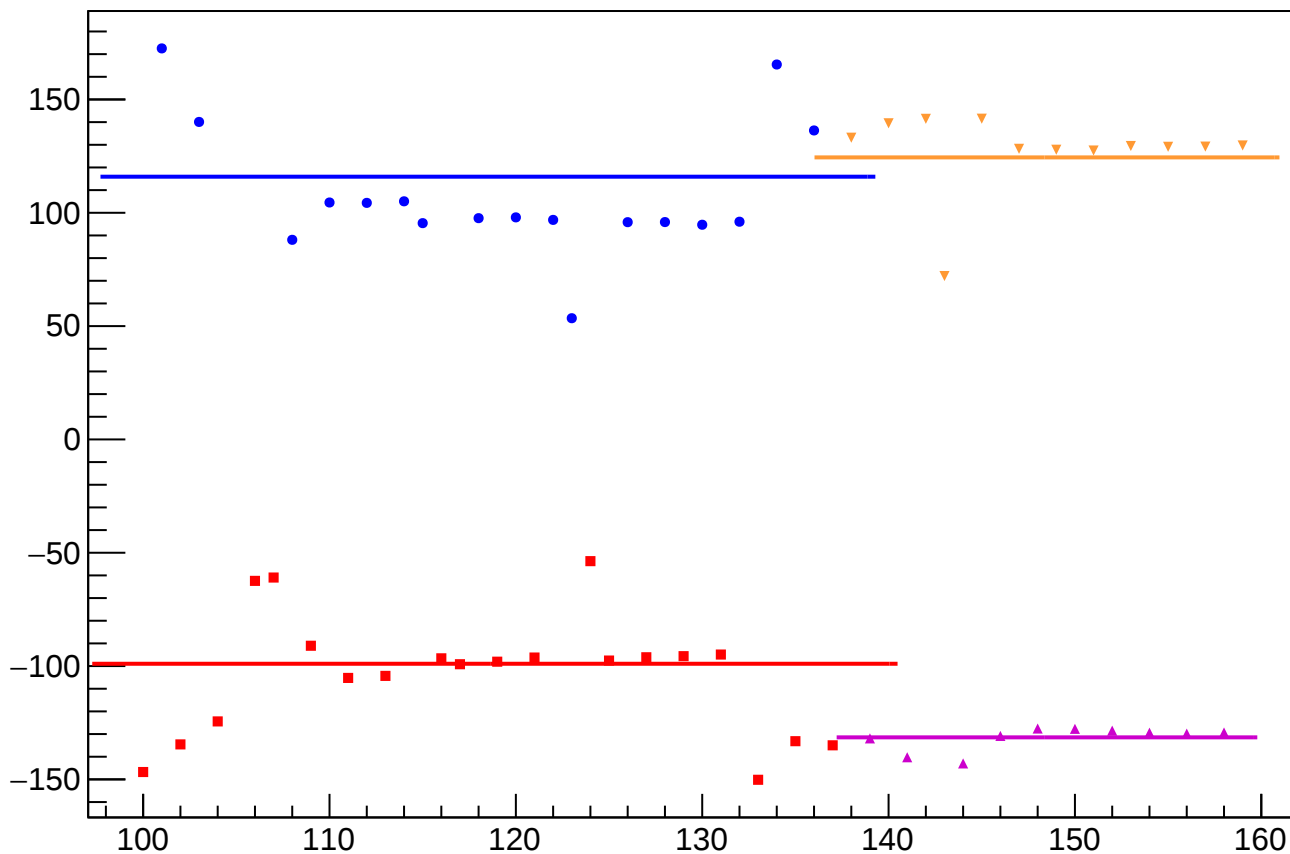
Left In: 69.998 ± 1.197 χ^2/NDF : 165.0/9

-79.219 ± 0.847 χ^2/NDF : 1326.9/28

-2.999 ± 0.606 χ^2/NDF : 18895.9/58

76.667 ± 0.866 χ^2/NDF : 1014.3/29

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.927 +/- 0.078 χ^2/NDF : 105791.4/16

Left Out: 124.440 +/- 0.055 χ^2/NDF : 141235.1/11

Right Out: -98.982 +/- 0.068 χ^2/NDF : 172974.2/19

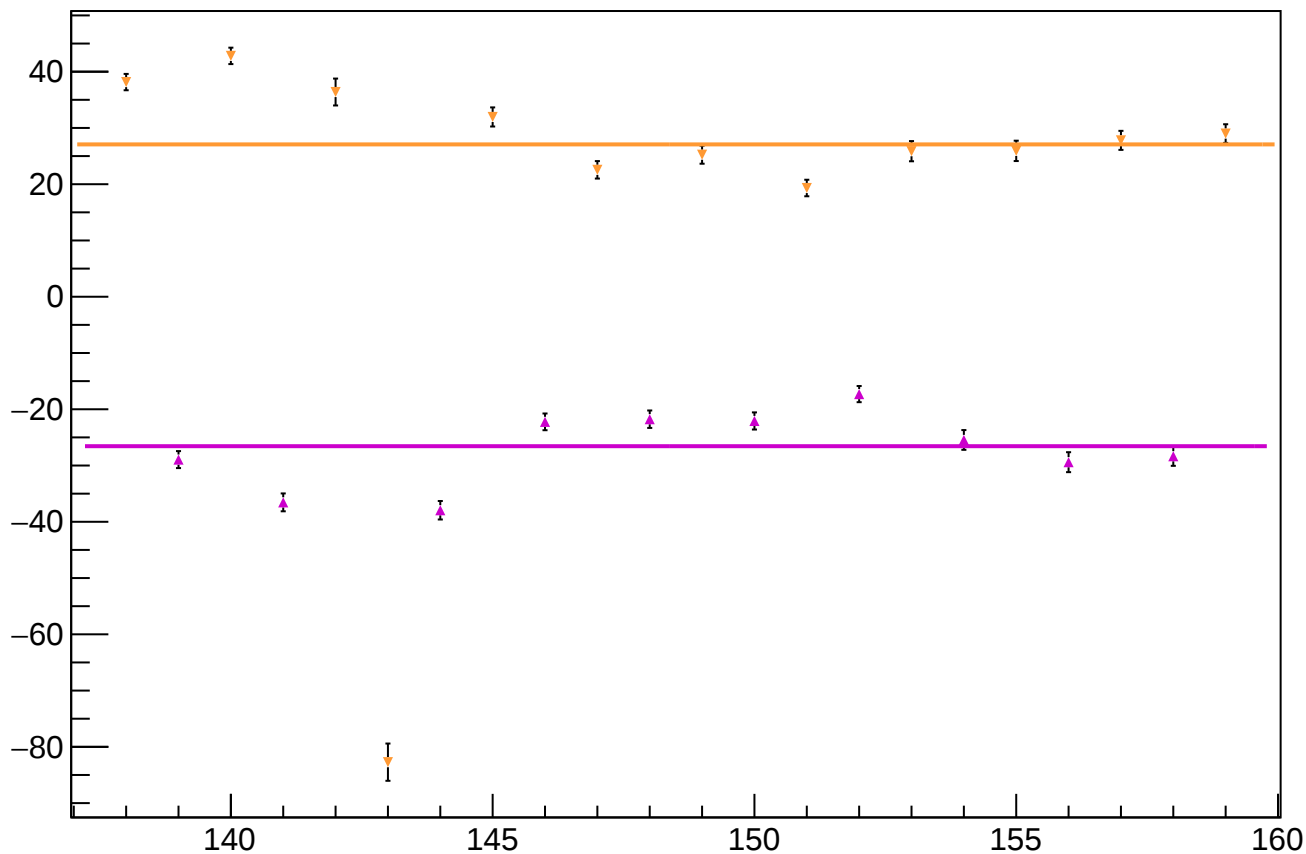
Left In: -131.454 +/- 0.058 χ^2/NDF : 7210.4/9

121.662 +/- 0.045 χ^2/NDF : 254964.5/28

0.387 +/- 0.031 χ^2/NDF : 15042001.4/58

-117.900 +/- 0.044 χ^2/NDF : 311172.0/29

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 27.076+/-0.491 χ^2/NDF :1337.9/11

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

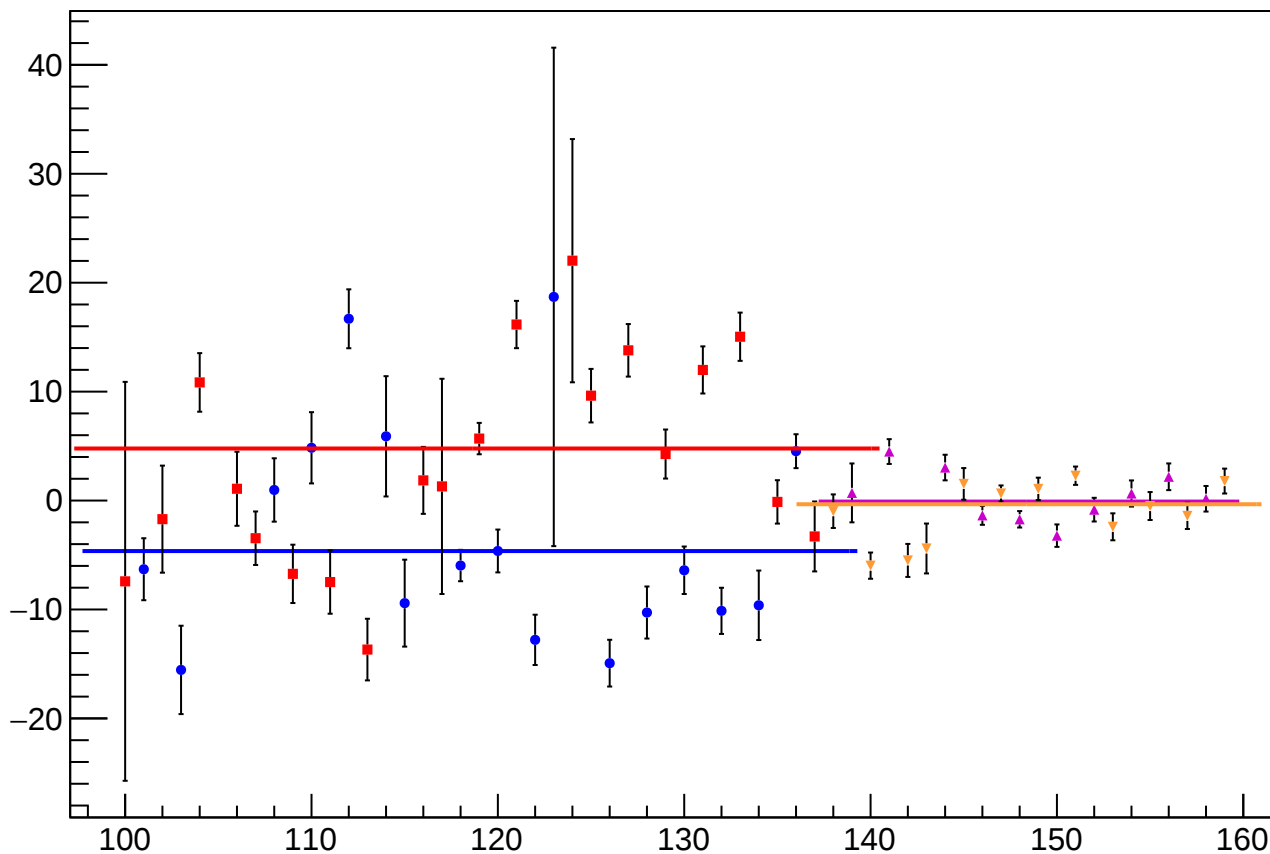
Left In: -26.564+/-0.501 χ^2/NDF :162.4/9

27.076+/-0.491 χ^2/NDF : 1337.9/11

0.837+/-0.351 χ^2/NDF : 7347.6/21

-26.564+/-0.501 χ^2/NDF : 162.4/9

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.637 ± 0.588 χ^2/NDF : 174.4/16

Left Out: -0.339 ± 0.331 χ^2/NDF : 58.9/11

Right Out: 4.779 ± 0.583 χ^2/NDF : 192.7/19

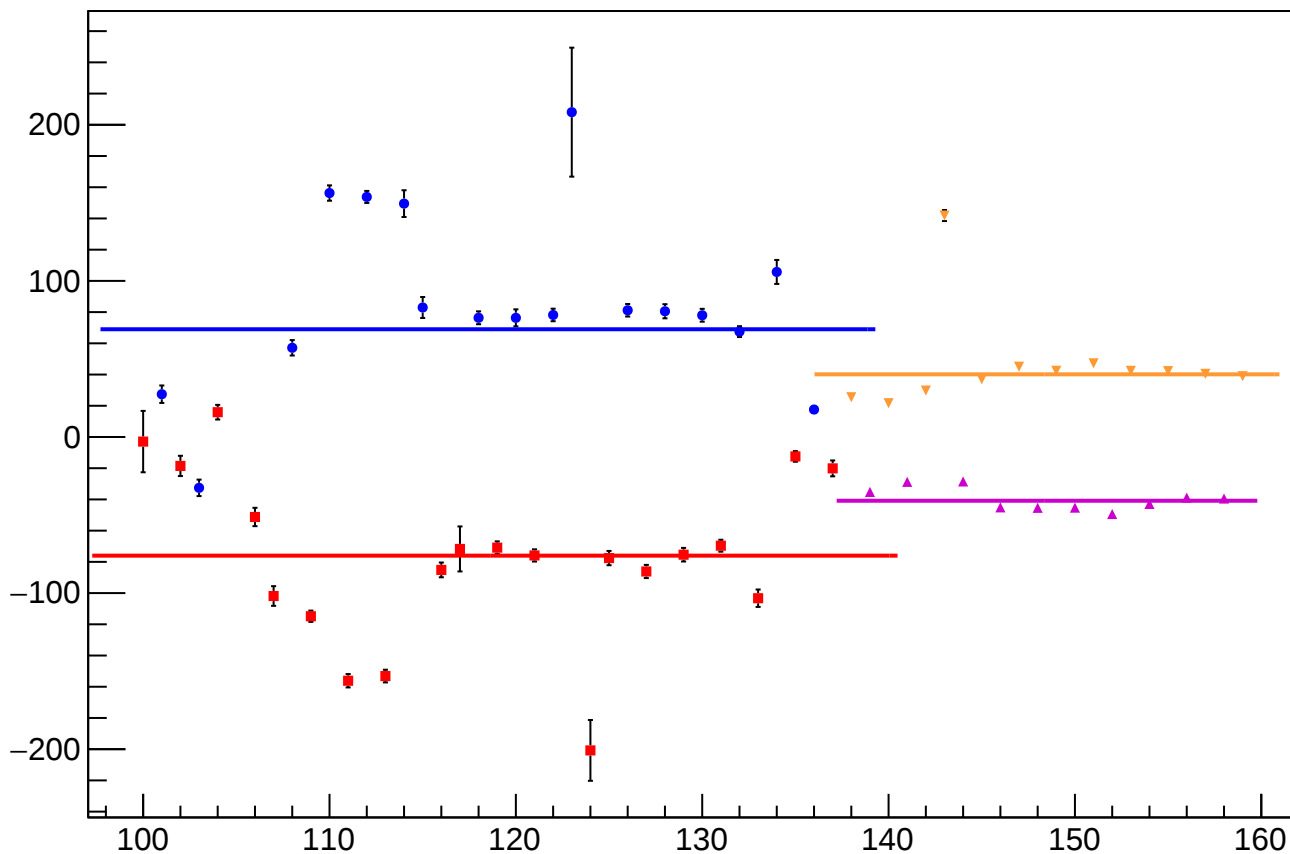
Left In: -0.093 ± 0.341 χ^2/NDF : 43.8/9

-1.374 ± 0.288 χ^2/NDF : 274.0/28

-0.139 ± 0.206 χ^2/NDF : 599.8/58

1.148 ± 0.294 χ^2/NDF : 288.4/29

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 69.019+/-1.083 χ^2 /NDF: 1848.0/16

Left Out: 40.140+/-0.480 χ^2 /NDF:1119.8/11

Right Out: -76.017+/-1.067 χ^2 /NDF: 1882.0/19

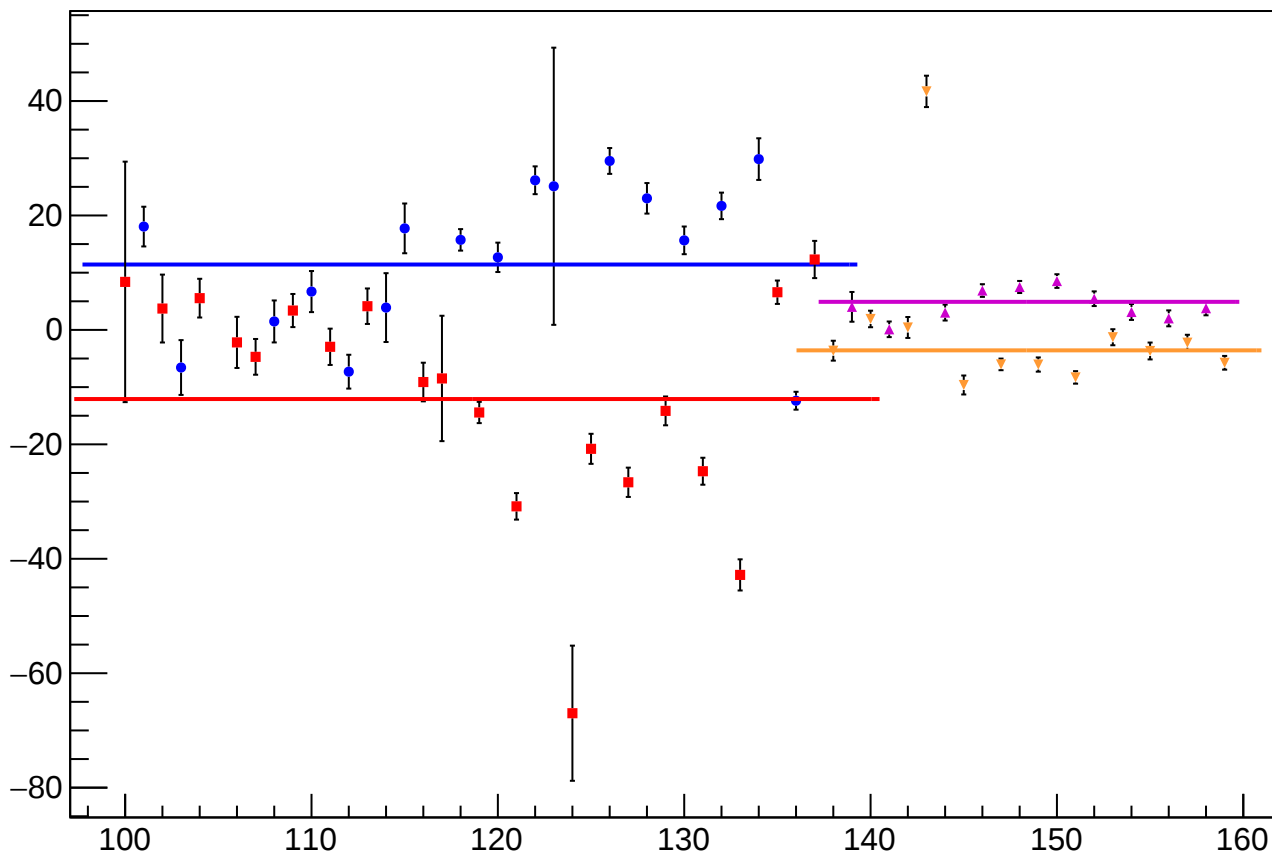
Left In: -40.839+/-0.489 χ^2 /NDF:183.1/9

44.878+/-0.439 χ^2 /NDF: 3561.8/28

-0.468+/-0.312 χ^2 /NDF: 28145.4/58

-46.938+/-0.444 χ^2 /NDF: 2963.7/29

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.428 ± 0.665 χ^2/NDF : 476.8/16

Left Out: -3.575 ± 0.400 χ^2/NDF : 340.2/11

Right Out: -12.082 ± 0.663 χ^2/NDF : 539.2/19

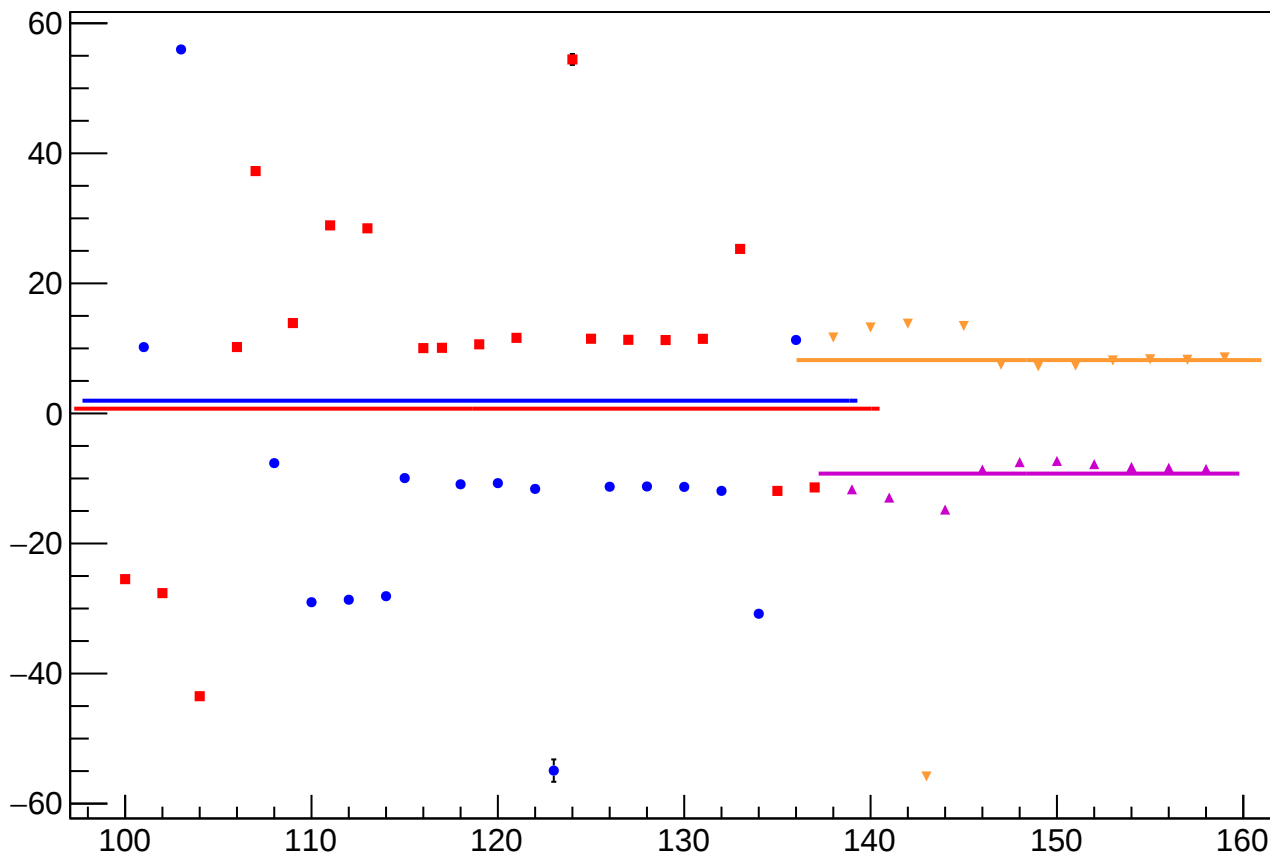
Left In: 4.906 ± 0.411 χ^2/NDF : 39.7/9

0.409 ± 0.343 χ^2/NDF : 1190.2/28

0.296 ± 0.245 χ^2/NDF : 2243.6/58

0.179 ± 0.350 χ^2/NDF : 1053.2/29

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.960+/-0.037 χ^2/NDF : 358457.0/16

Left Out: 8.202+/-0.019 χ^2/NDF : 222503.9/11

Right Out: 0.733+/-0.037 χ^2/NDF : 361368.4/19

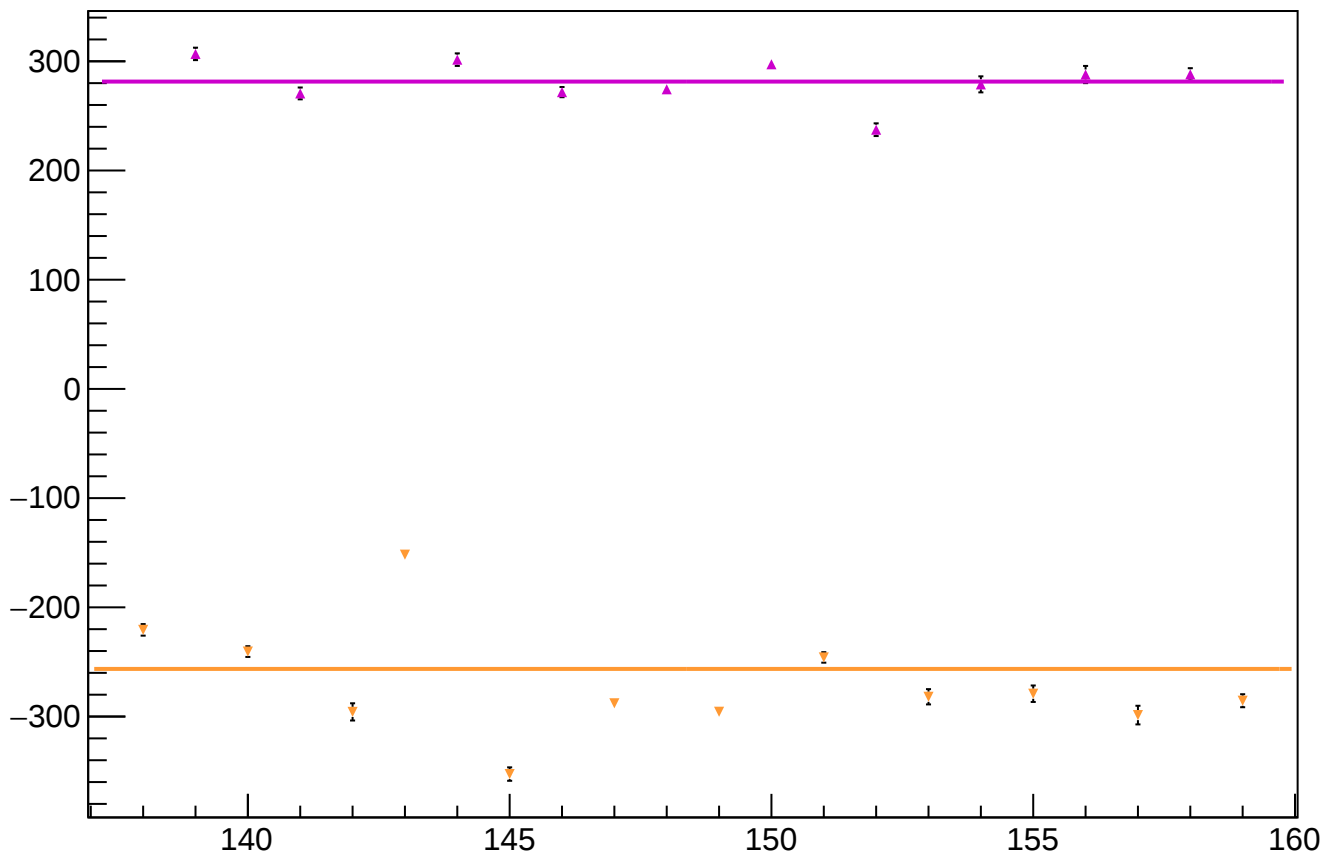
Left In: -9.252+/-0.019 χ^2/NDF : 13283.3/9

6.930+/-0.017 χ^2/NDF : 603439.4/28

-0.027+/-0.012 χ^2/NDF : 1383751.1/58

-7.156+/-0.017 χ^2/NDF : 432001.7/29

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -256.390+/-1.573 χ^2/NDF :1212.2/11

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

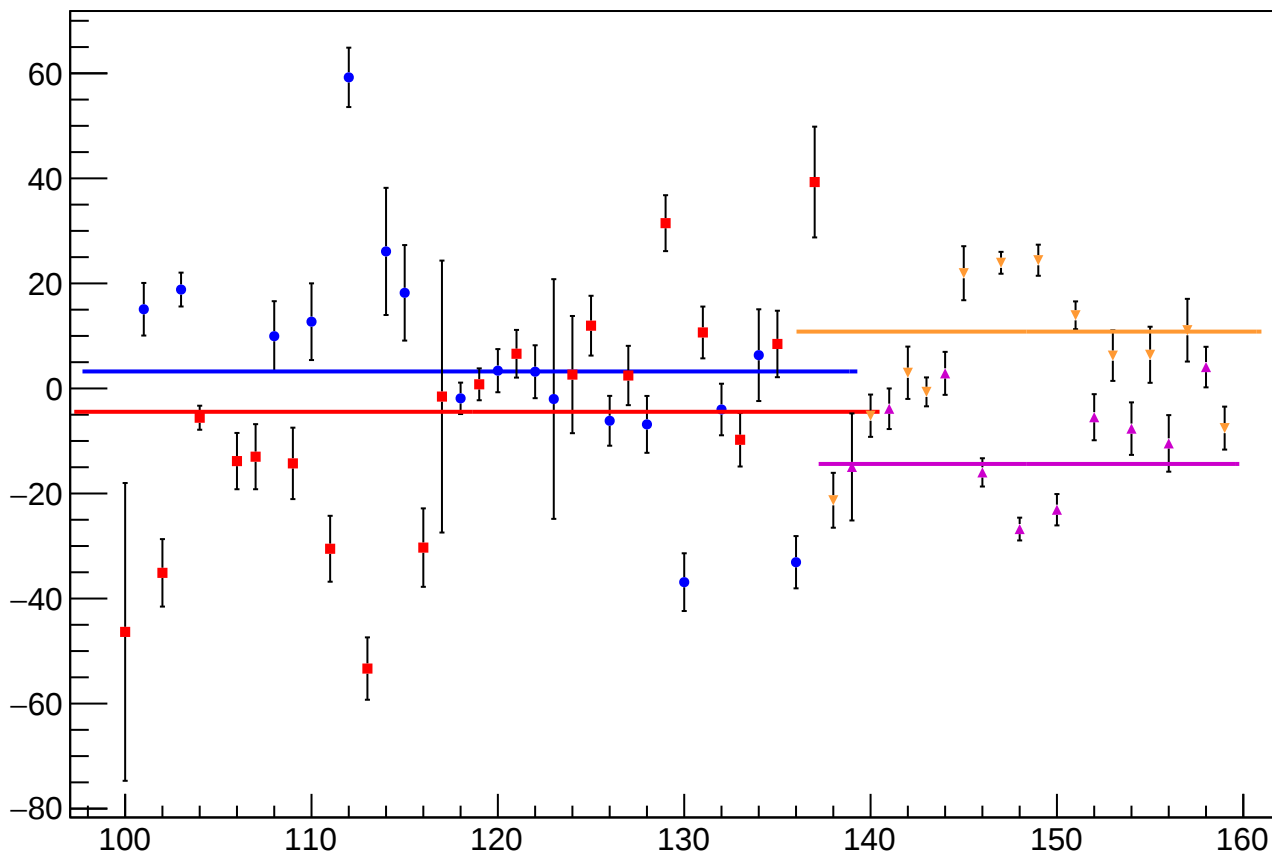
Left In: 281.423+/-1.721 χ^2/NDF :115.1/9

-256.390+/-1.573 χ^2/NDF : 1212.2/11

-11.528+/-1.161 χ^2/NDF : 54528.2/21

281.423+/-1.721 χ^2/NDF : 115.1/9

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.237 ± 1.244 χ^2/NDF : 255.3/16

Left Out: 10.824 ± 1.019 χ^2/NDF : 161.9/11

Right Out: -4.444 ± 1.156 χ^2/NDF : 225.8/19

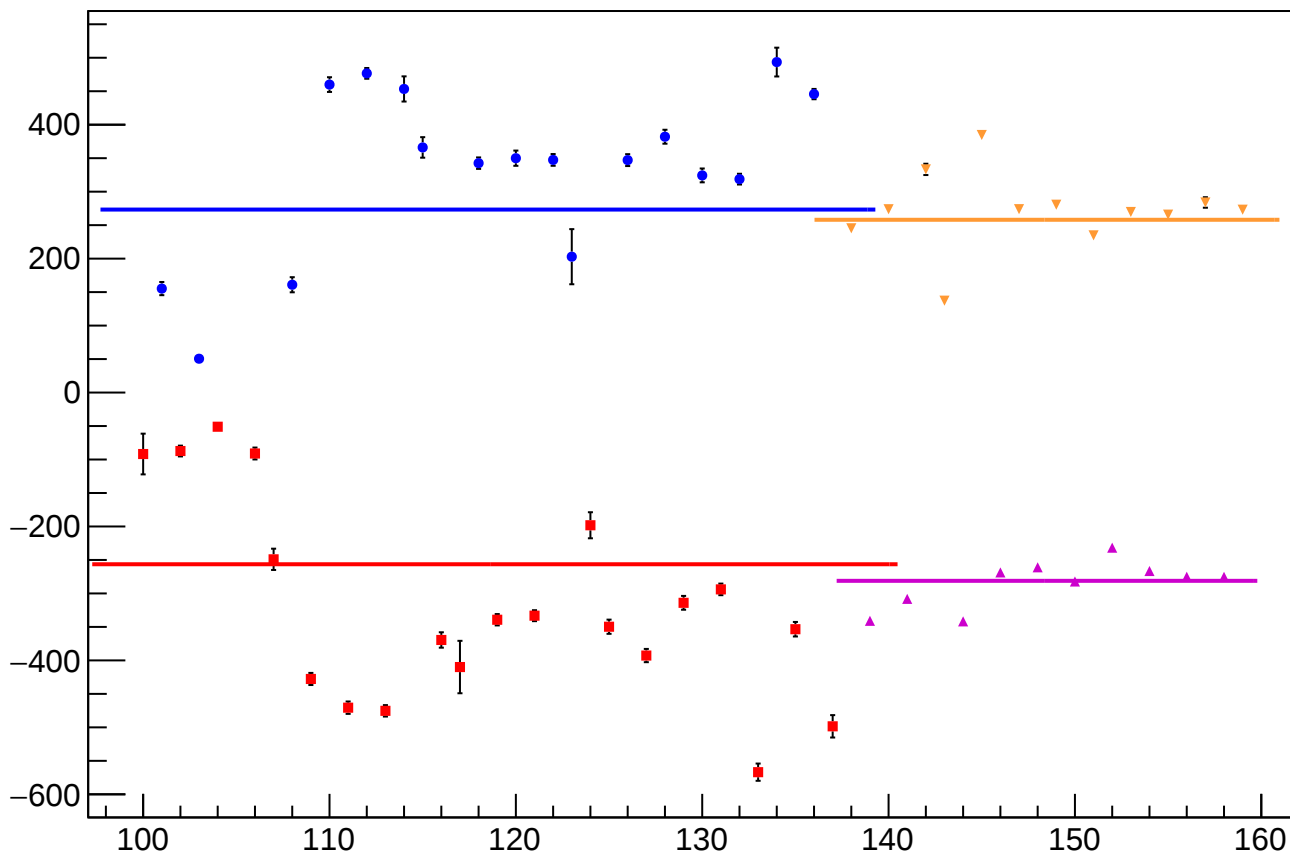
Left In: -14.374 ± 1.123 χ^2/NDF : 95.9/9

7.775 ± 0.788 χ^2/NDF : 439.5/28

-0.701 ± 0.563 χ^2/NDF : 1035.4/58

-9.551 ± 0.806 χ^2/NDF : 359.7/29

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.276 $\pm$ 2.205 χ^2 /NDF: 5101.5/16

Left Out: 258.022 $\pm$ 1.555 χ^2 /NDF:1373.7/11

Right Out: -256.418 $\pm$ 2.077 χ^2 /NDF: 6453.9/19

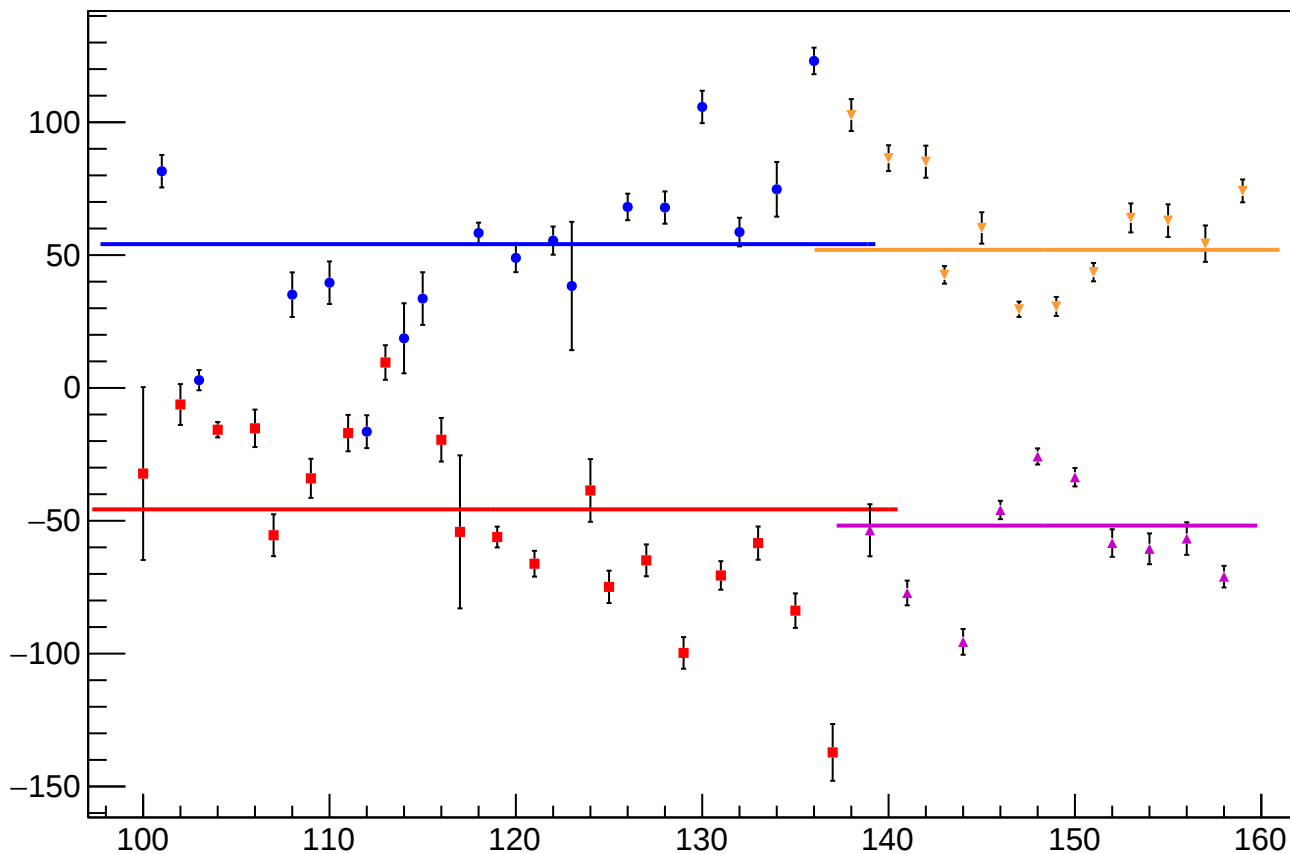
Left In: -281.177 $\pm$ 1.672 χ^2 /NDF:328.7/9

263.090 $\pm$ 1.271 χ^2 /NDF: 6507.2/28

2.366 $\pm$ 0.910 χ^2 /NDF: 99666.7/58

-271.441 $\pm$ 1.302 χ^2 /NDF: 6868.9/29

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.119 ± 1.438 χ^2/NDF : 633.9/16

Left Out: 51.984 ± 1.253 χ^2/NDF : 298.6/11

Right Out: -45.694 ± 1.356 χ^2/NDF : 531.1/19

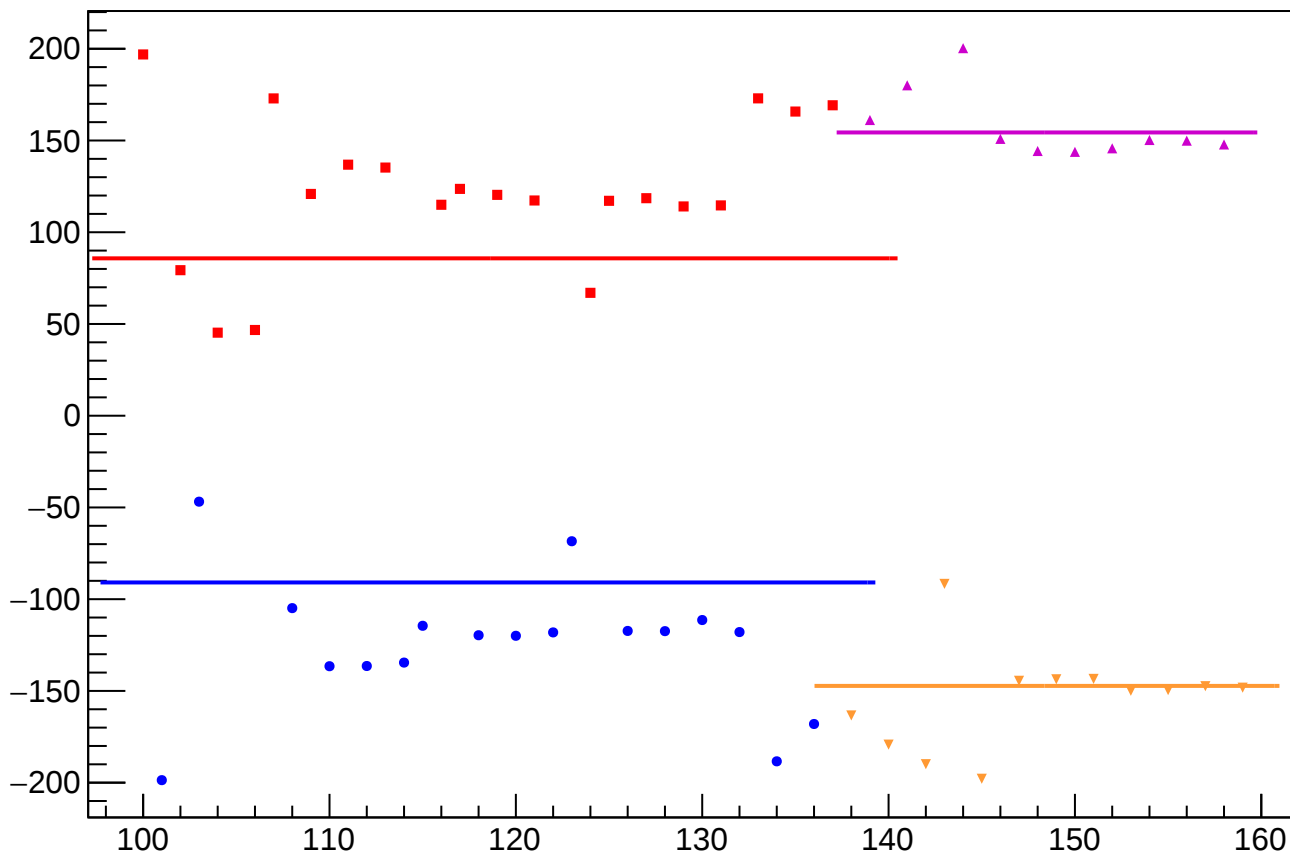
Left In: -51.817 ± 1.375 χ^2/NDF : 241.7/9

52.906 ± 0.945 χ^2/NDF : 933.8/28

3.203 ± 0.675 χ^2/NDF : 7376.3/58

-48.711 ± 0.965 χ^2/NDF : 782.9/29

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -90.881 ± 0.068 $\chi^2/\text{NDF}: 533423.8/16$

Left Out: -147.262 ± 0.063 $\chi^2/\text{NDF}: 186798.1/11$

Right Out: 85.772 ± 0.065 $\chi^2/\text{NDF}: 494629.5/19$

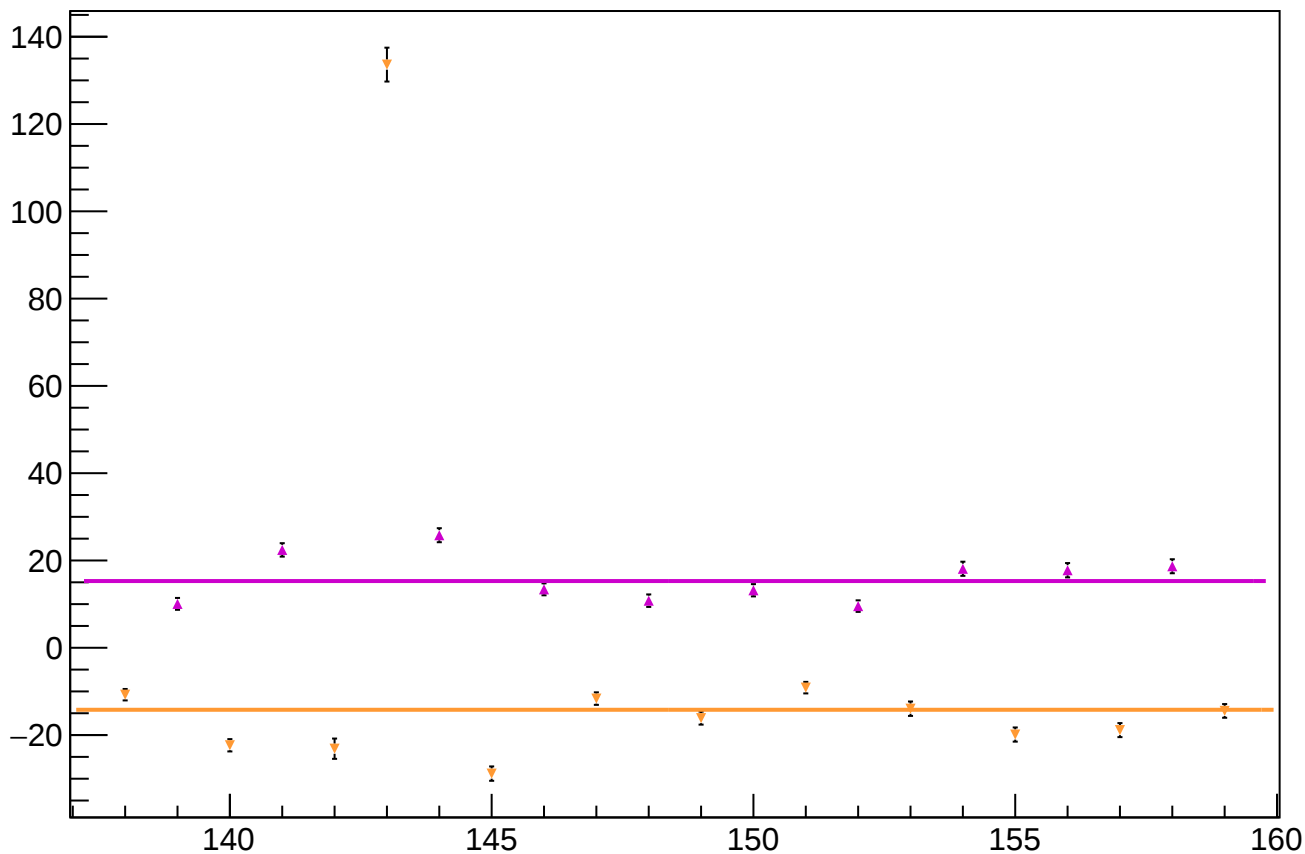
Left In: 154.387 ± 0.067 $\chi^2/\text{NDF}: 52597.8/9$

-121.117 ± 0.046 $\chi^2/\text{NDF}: 1091583.8/28$

-2.224 ± 0.033 $\chi^2/\text{NDF}: 15598177.5/58$

119.126 ± 0.047 $\chi^2/\text{NDF}: 1088531.8/29$

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -14.205+/-0.459 χ^2/NDF :1624.5/11

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

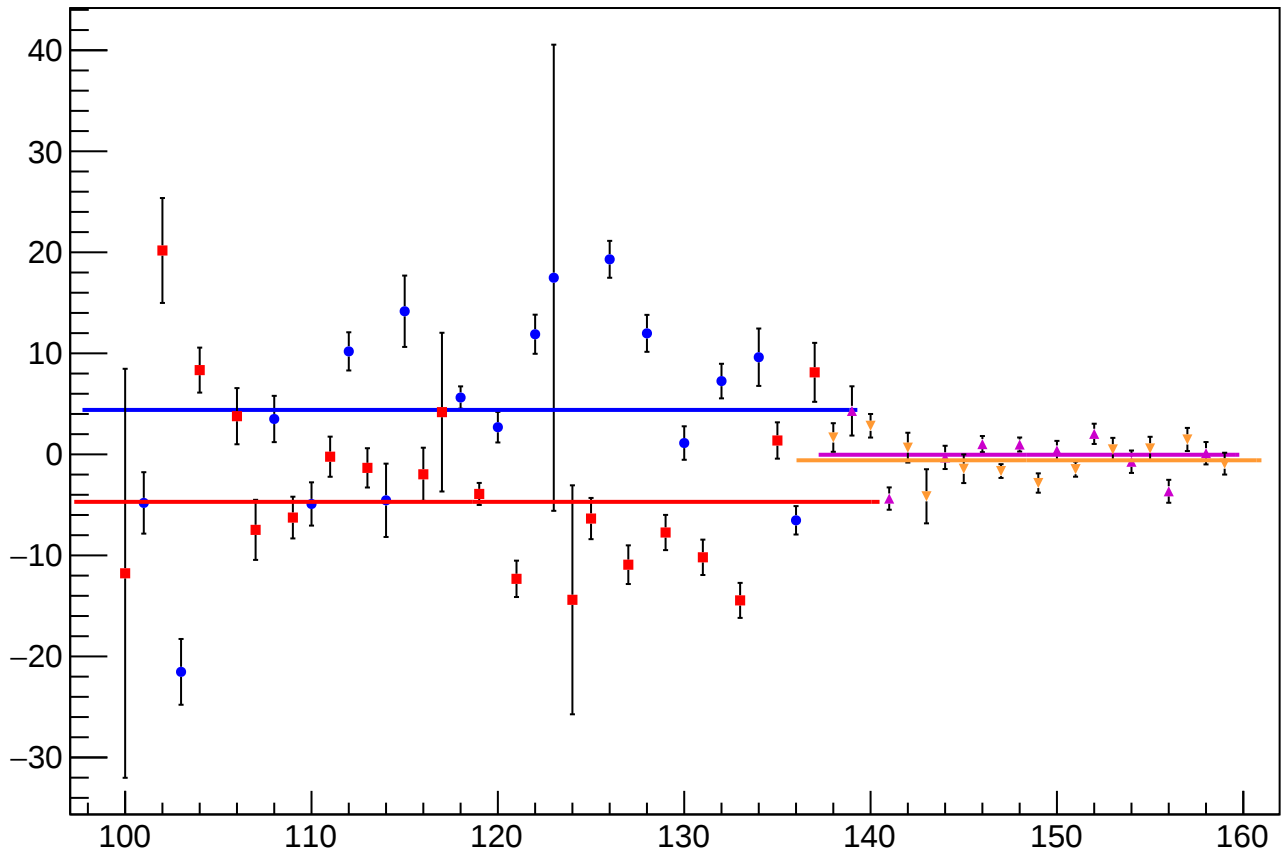
Left In: 15.288+/-0.467 χ^2/NDF :121.6/9

-14.205+/-0.459 χ^2/NDF : 1624.5/11

0.277+/-0.327 χ^2/NDF : 3775.7/21

15.288+/-0.467 χ^2/NDF : 121.6/9

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.399 ± 0.471 χ^2/NDF : 286.8/16

Left Out: -0.586 ± 0.309 χ^2/NDF : 28.6/11

Right Out: -4.700 ± 0.472 χ^2/NDF : 184.2/19

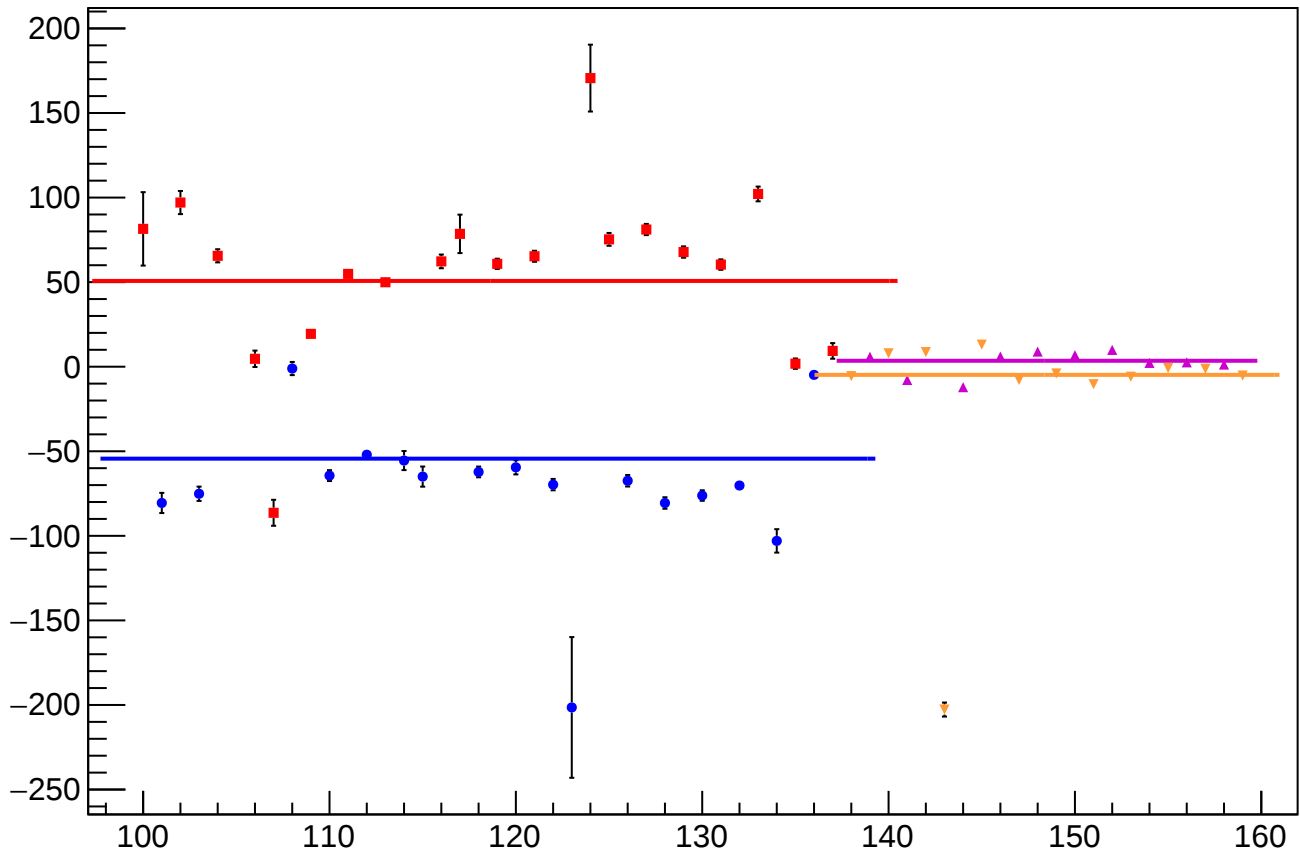
Left In: -0.038 ± 0.318 χ^2/NDF : 37.5/9

0.911 ± 0.258 χ^2/NDF : 393.8/28

-0.265 ± 0.185 χ^2/NDF : 724.9/58

-1.494 ± 0.264 χ^2/NDF : 288.7/29

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.365+/-0.868 χ^2/NDF : 1013.5/16

Left Out: -4.823+/-0.448 χ^2/NDF : 2529.8/11

Right Out: 50.712+/-0.855 χ^2/NDF : 1327.3/19

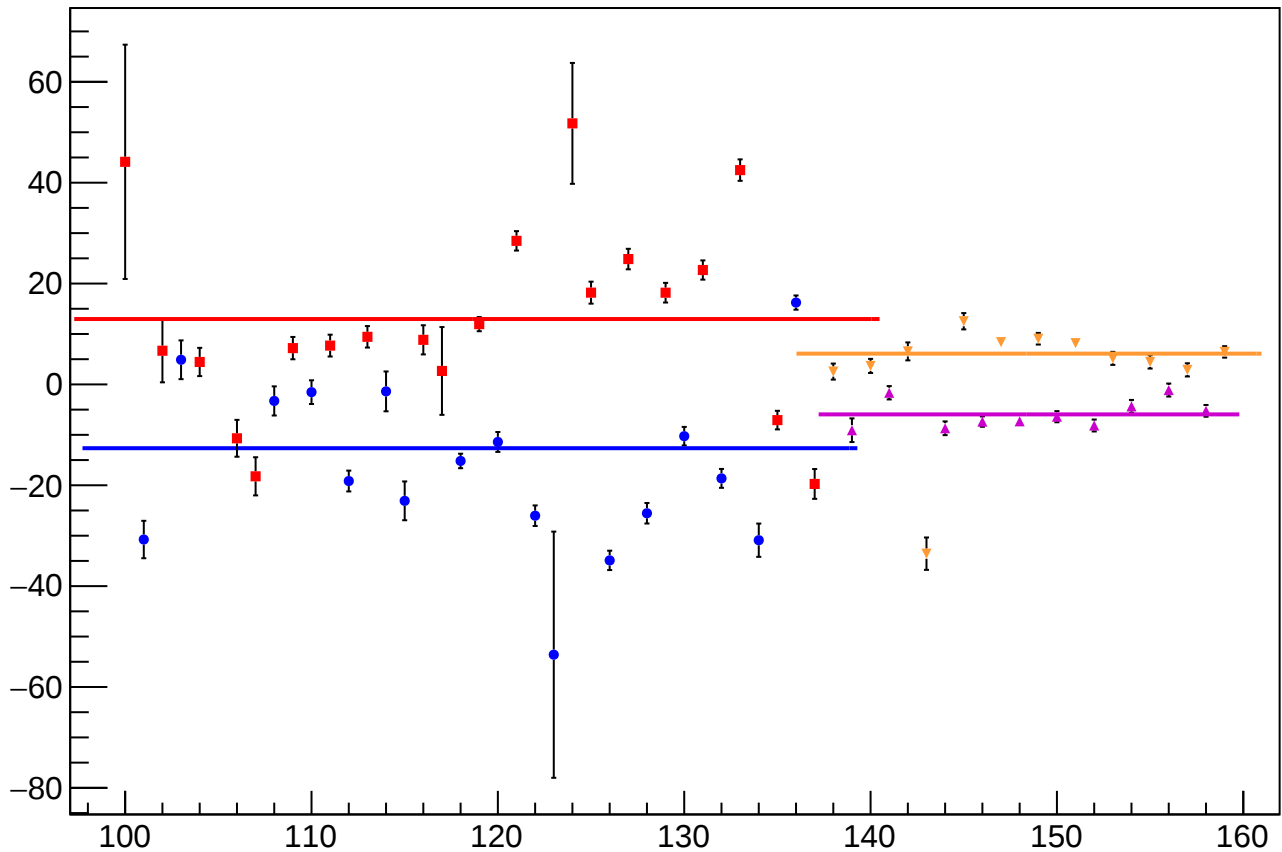
Left In: 3.508+/-0.455 χ^2/NDF : 188.6/9

-15.239+/-0.398 χ^2/NDF : 6114.6/28

-0.785+/-0.283 χ^2/NDF : 12664.8/58

13.915+/-0.401 χ^2/NDF : 3891.5/29

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.648 ± 0.536 χ^2/NDF : 788.4/16

Left Out: 6.103 ± 0.374 χ^2/NDF : 201.7/11

Right Out: 12.965 ± 0.536 χ^2/NDF : 722.8/19

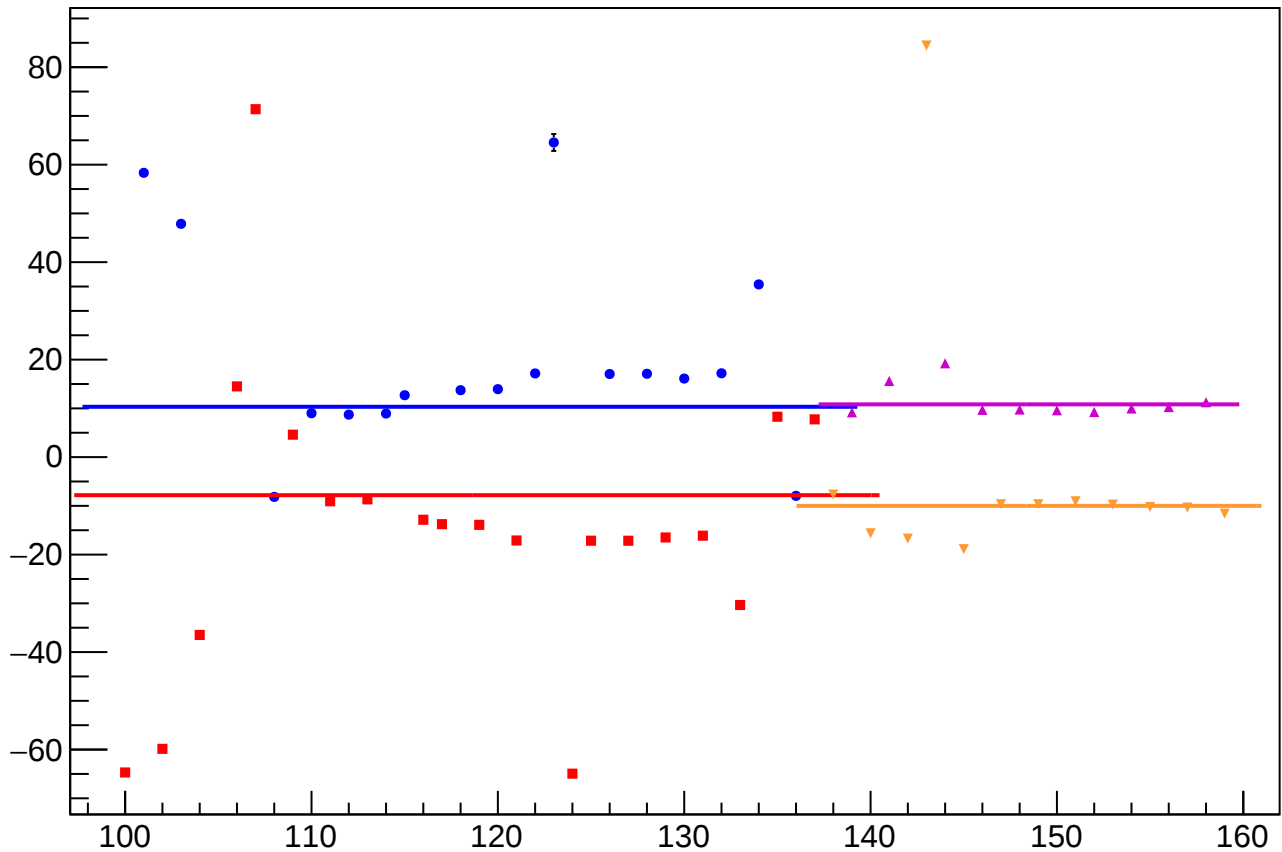
Left In: -5.942 ± 0.384 χ^2/NDF : 39.9/9

-0.024 ± 0.307 χ^2/NDF : 1813.2/28

0.216 ± 0.219 χ^2/NDF : 3398.3/58

0.465 ± 0.312 χ^2/NDF : 1583.8/29

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.330 ± 0.031 χ^2/NDF : 380857.1/16

Left Out: -9.999 ± 0.018 χ^2/NDF : 355763.0/11

Right Out: -7.808 ± 0.031 χ^2/NDF : 544249.7/19

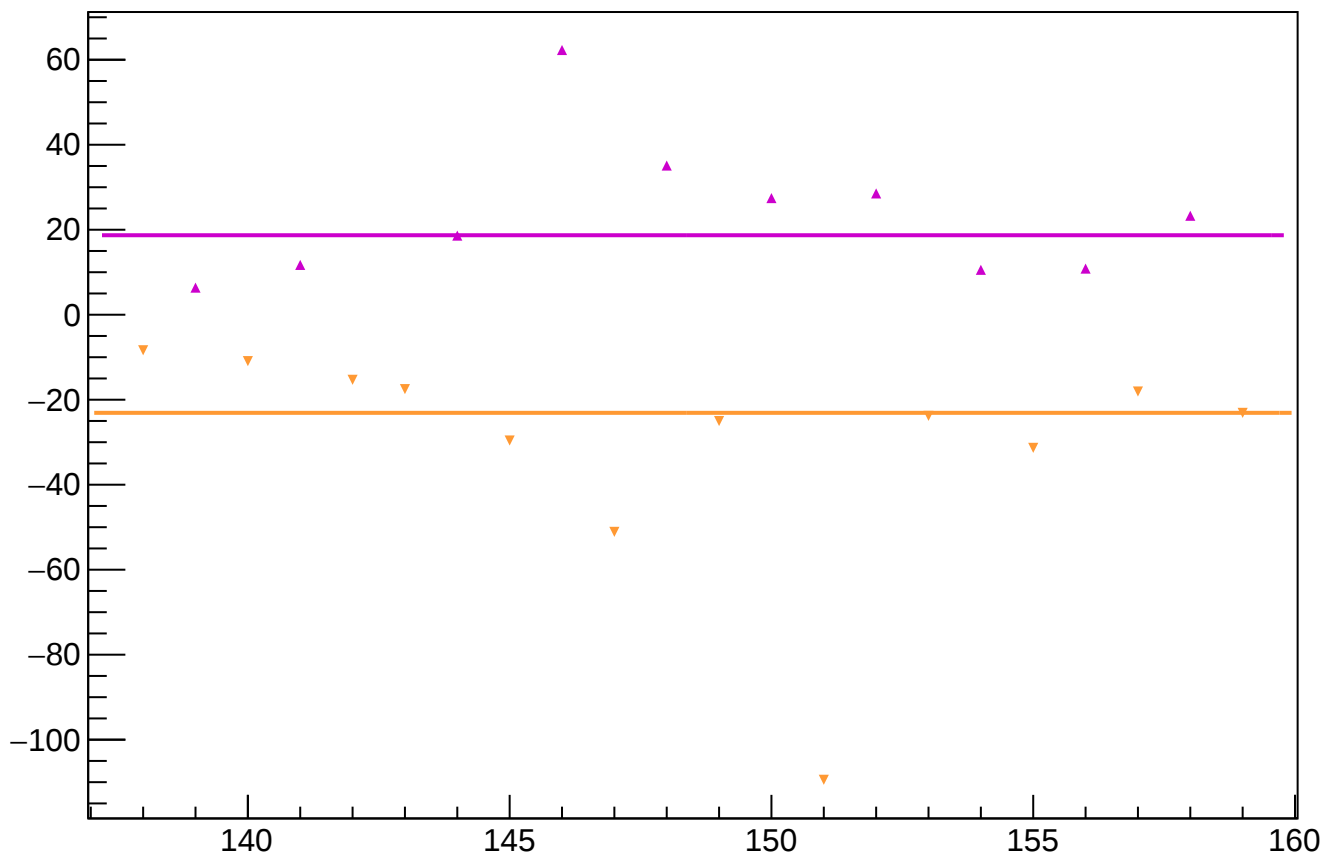
Left In: 10.825 ± 0.018 χ^2/NDF : 21382.9/9

-4.992 ± 0.015 χ^2/NDF : 1067625.6/28

0.564 ± 0.011 χ^2/NDF : 2172147.0/58

6.277 ± 0.015 χ^2/NDF : 834391.6/29

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -23.088 $\pm$ 0.076 χ^2 /NDF: 50366.3/11

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

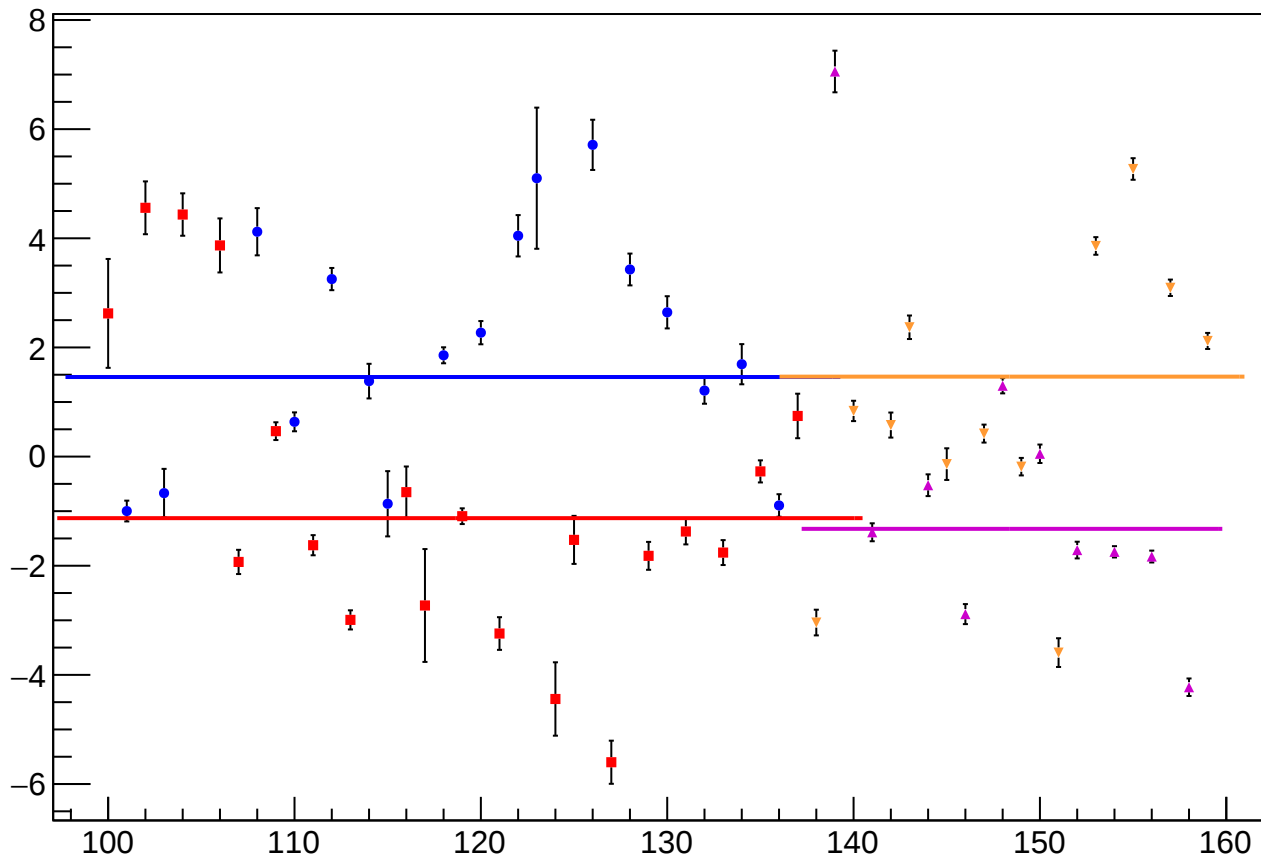
Left In: 18.704 $\pm$ 0.068 χ^2 /NDF: 35750.0/9

-23.088 $\pm$ 0.076 χ^2 /NDF: 50366.3/11

-0.068 $\pm$ 0.051 χ^2 /NDF: 253408.9/21

18.704 $\pm$ 0.068 χ^2 /NDF: 35750.0/9

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.458 ± 0.062 χ^2/NDF : 698.2/16

Left Out: 1.465 ± 0.054 χ^2/NDF : 1682.7/11

Right Out: -1.128 ± 0.058 χ^2/NDF : 949.8/19

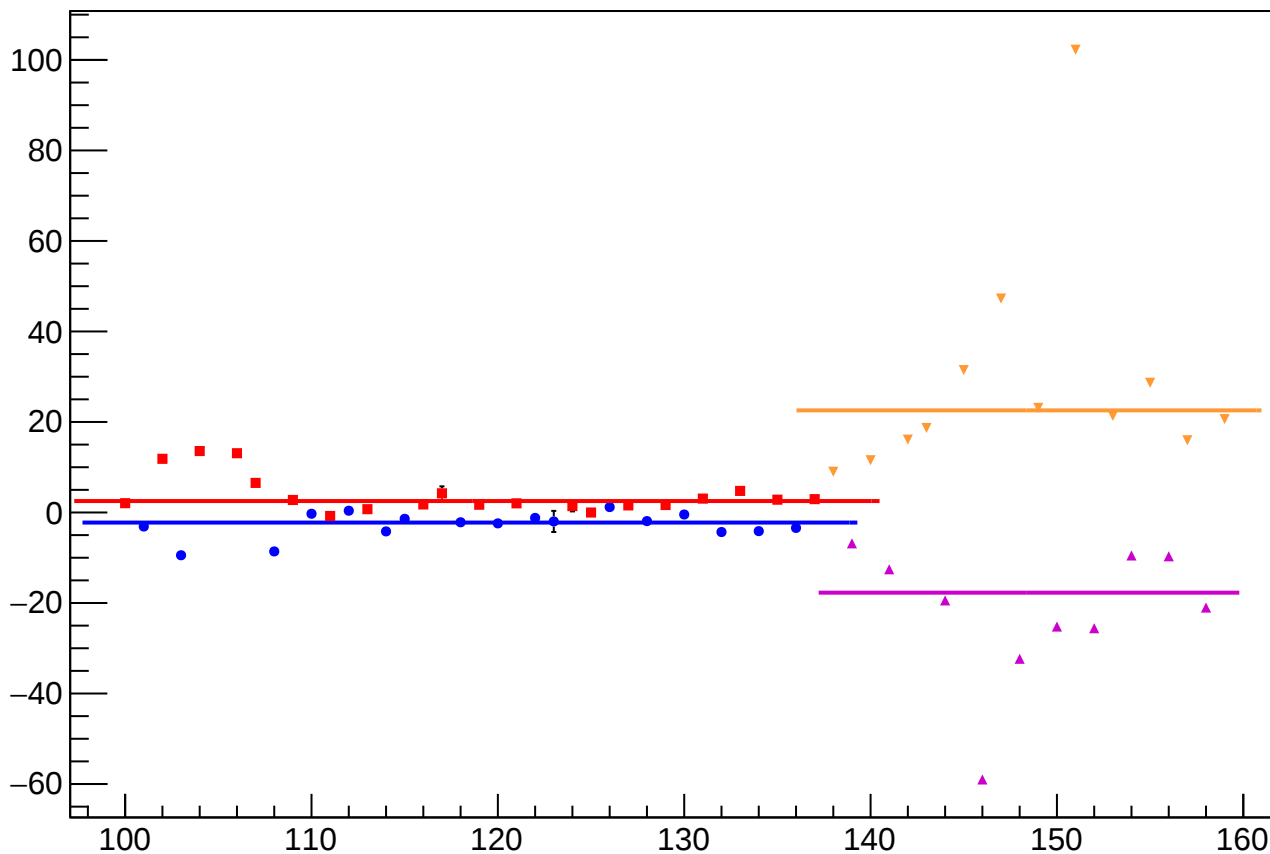
Left In: -1.324 ± 0.047 χ^2/NDF : 1362.0/9

1.462 ± 0.041 χ^2/NDF : 2380.9/28

-0.030 ± 0.027 χ^2/NDF : 7140.0/58

-1.246 ± 0.037 χ^2/NDF : 2318.6/29

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.228+/-0.111 χ^2/NDF : 460.4/16

Left Out: 22.561+/-0.074 χ^2/NDF : 45582.2/11

Right Out: 2.527+/-0.099 χ^2/NDF : 905.2/19

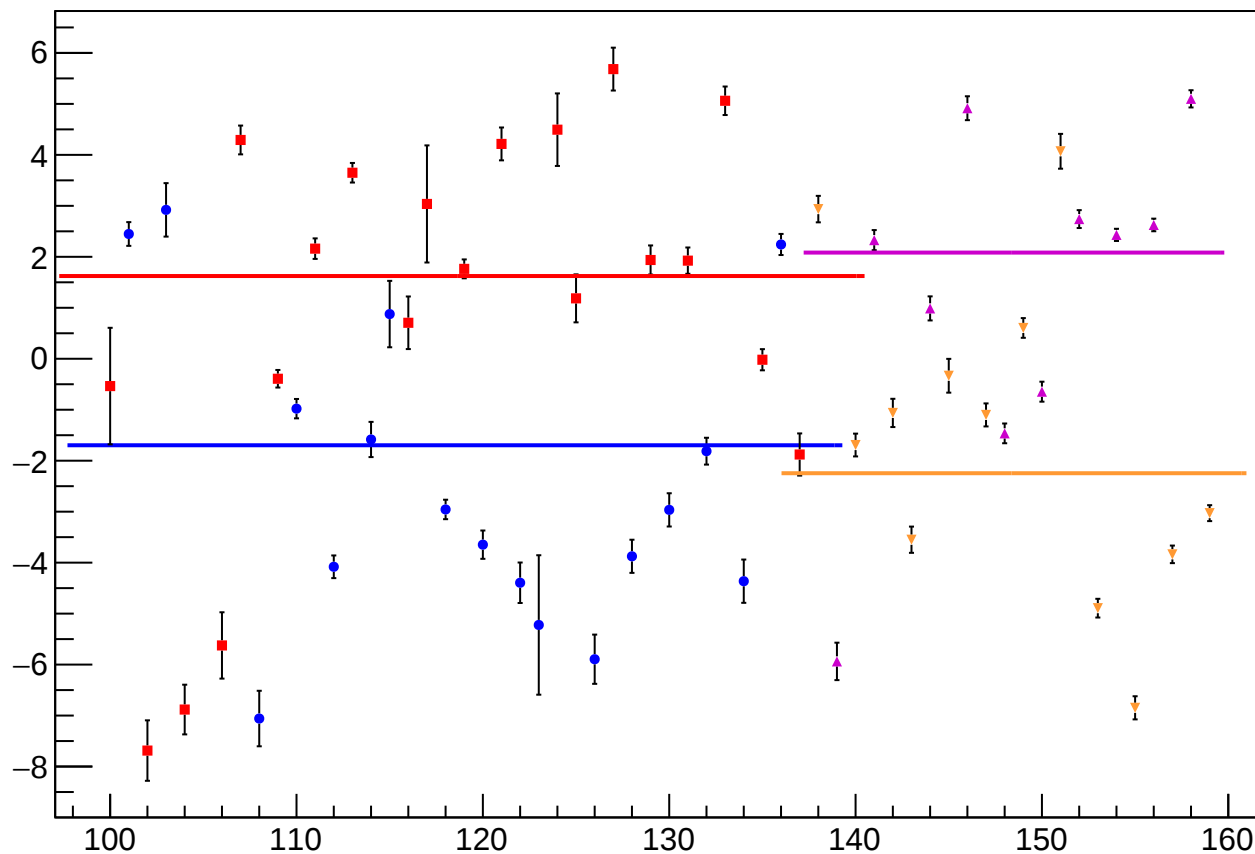
Left In: -17.717+/-0.066 χ^2/NDF : 33712.9/9

14.915+/-0.062 χ^2/NDF : 80367.8/28

0.132+/-0.041 χ^2/NDF : 246285.3/58

-11.488+/-0.055 χ^2/NDF : 63700.3/29

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.697+/-0.071 χ^2/NDF : 1319.4/16

Left Out: -2.246+/-0.063 χ^2/NDF :1795.6/11

Right Out: 1.623+/-0.066 χ^2/NDF : 1490.8/19

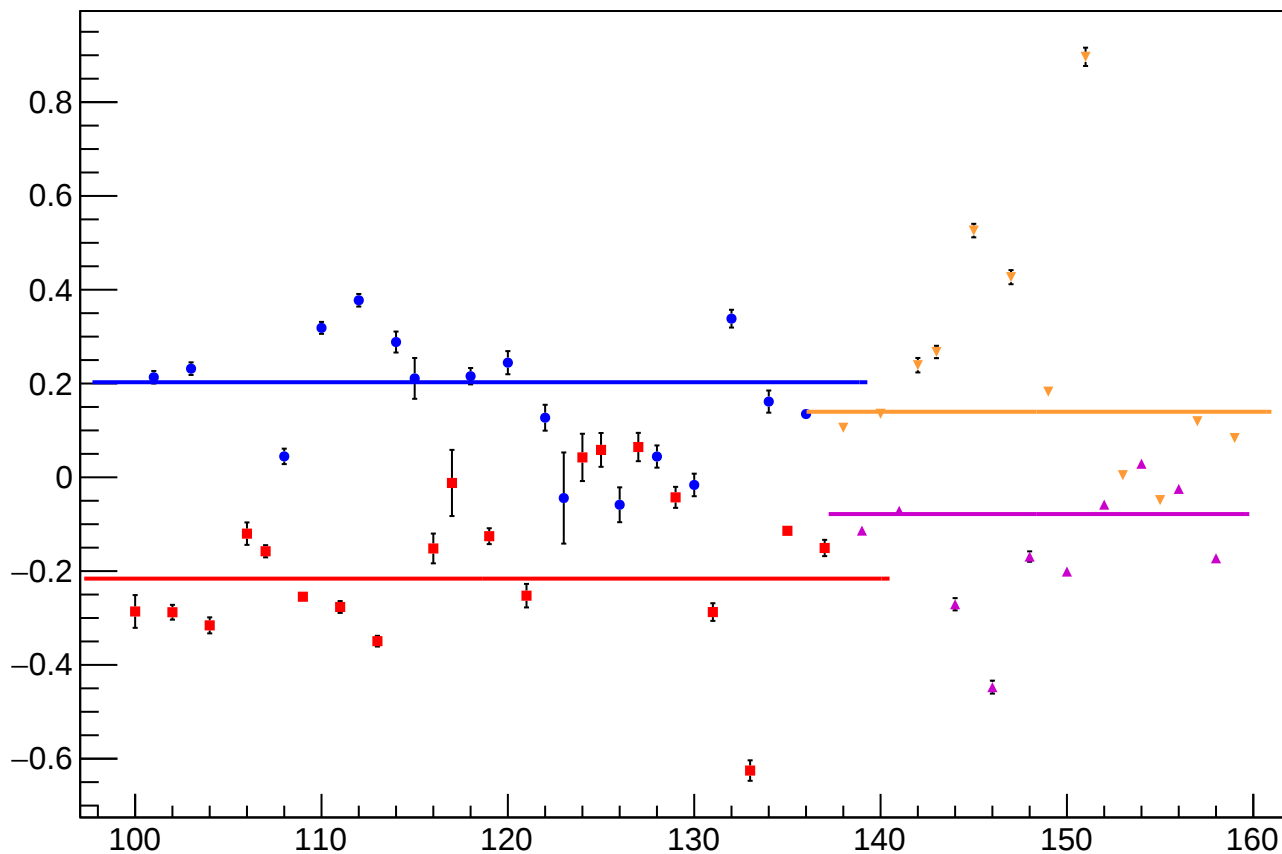
Left In: 2.083+/-0.055 χ^2/NDF :1535.7/9

-2.004+/-0.047 χ^2/NDF : 3148.3/28

0.155+/-0.032 χ^2/NDF : 9973.3/58

1.891+/-0.042 χ^2/NDF : 3055.2/29

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 ± 0.004 χ^2/NDF : 676.5/16

Left Out: 0.140 ± 0.003 χ^2/NDF : 3568.6/11

Right Out: -0.216 ± 0.004 χ^2/NDF : 1072.8/19

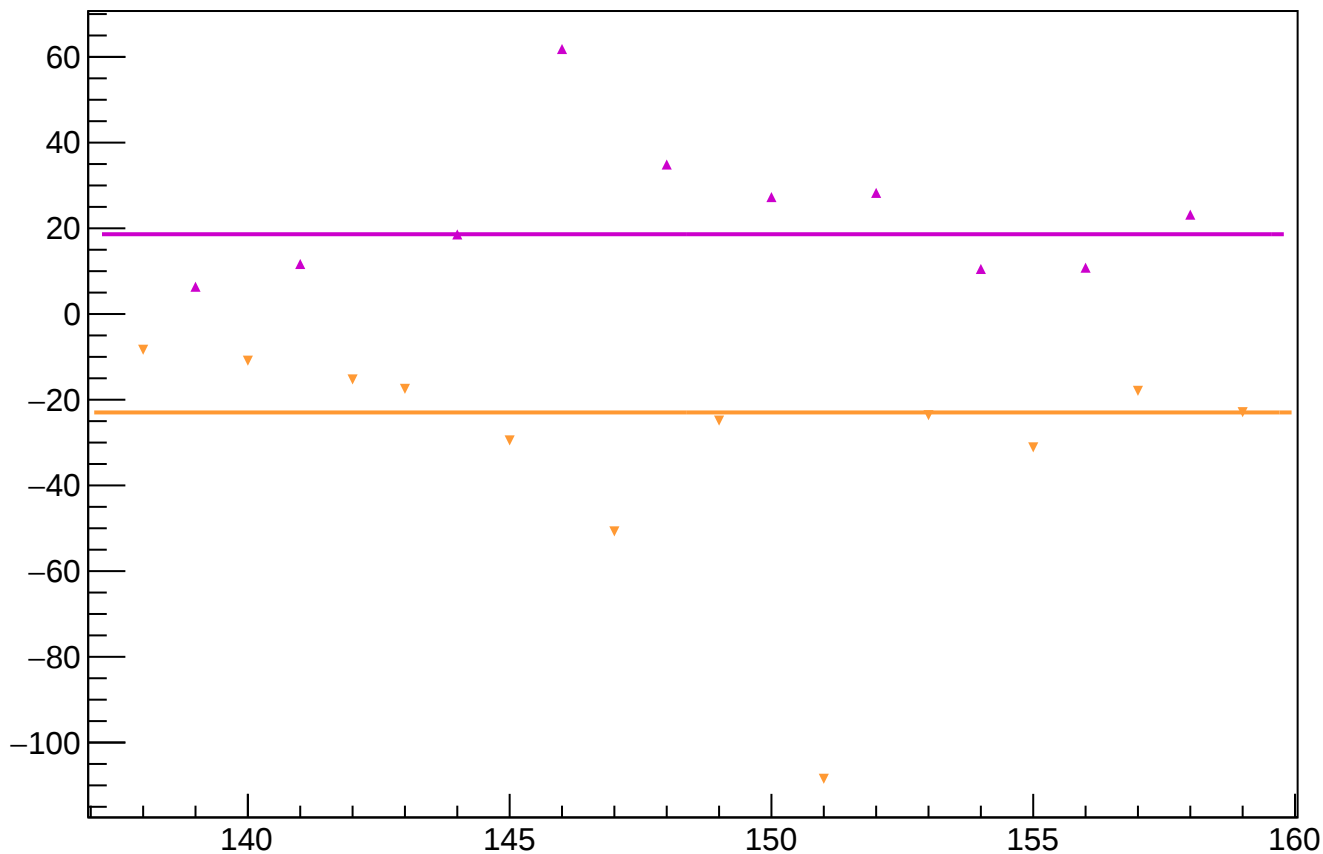
Left In: -0.078 ± 0.002 χ^2/NDF : 1928.3/9

0.160 ± 0.002 χ^2/NDF : 4402.7/28

-0.000 ± 0.002 χ^2/NDF : 16591.5/58

-0.119 ± 0.002 χ^2/NDF : 3979.1/29

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -22.970 $\pm$ 0.075 χ^2/NDF : 50256.9/11

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

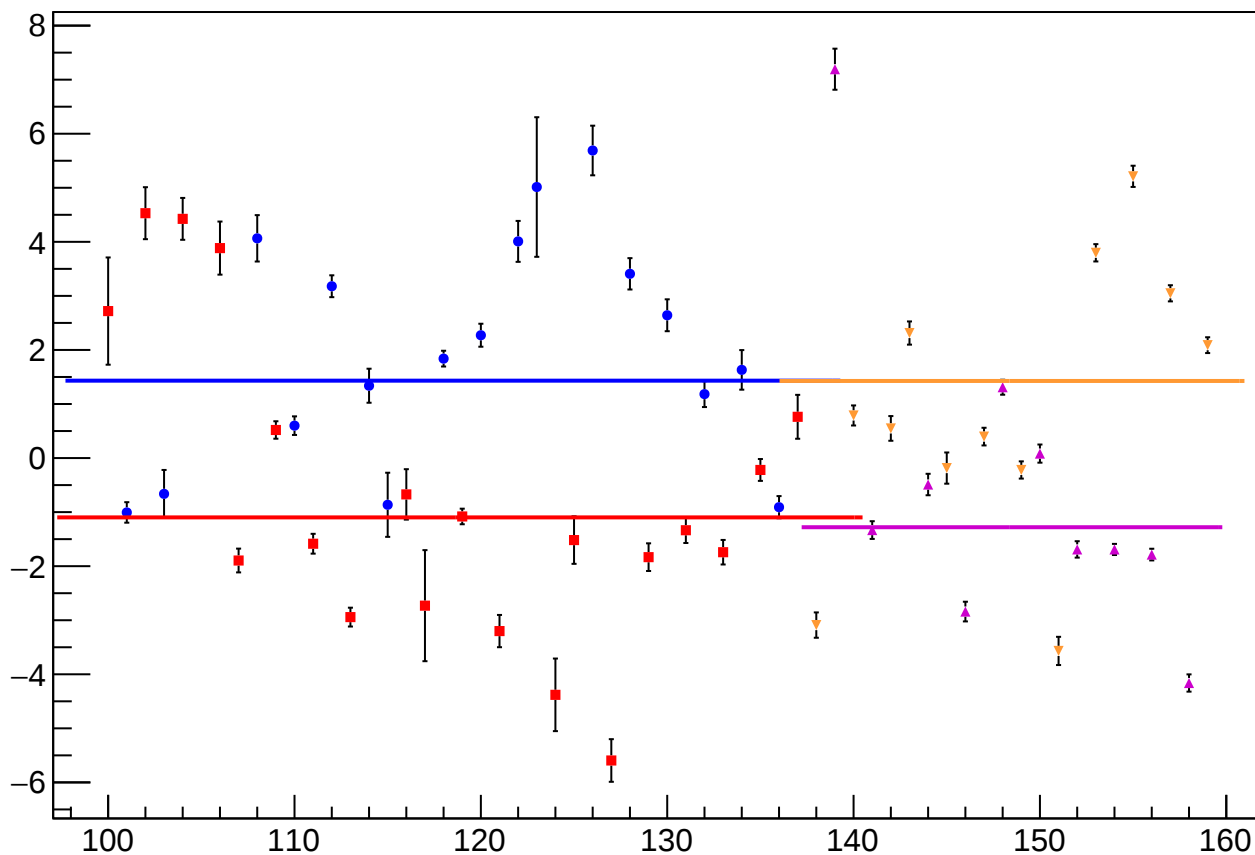
Left In: 18.620 $\pm$ 0.068 χ^2/NDF : 35671.9/9

-22.970 $\pm$ 0.075 χ^2/NDF : 50256.9/11

-0.065 $\pm$ 0.051 χ^2/NDF : 253640.7/21

18.620 $\pm$ 0.068 χ^2/NDF : 35671.9/9

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.432 ± 0.062 χ^2/NDF : 696.6/16

Left Out: 1.426 ± 0.054 χ^2/NDF : 1688.3/11

Right Out: -1.098 ± 0.058 χ^2/NDF : 955.7/19

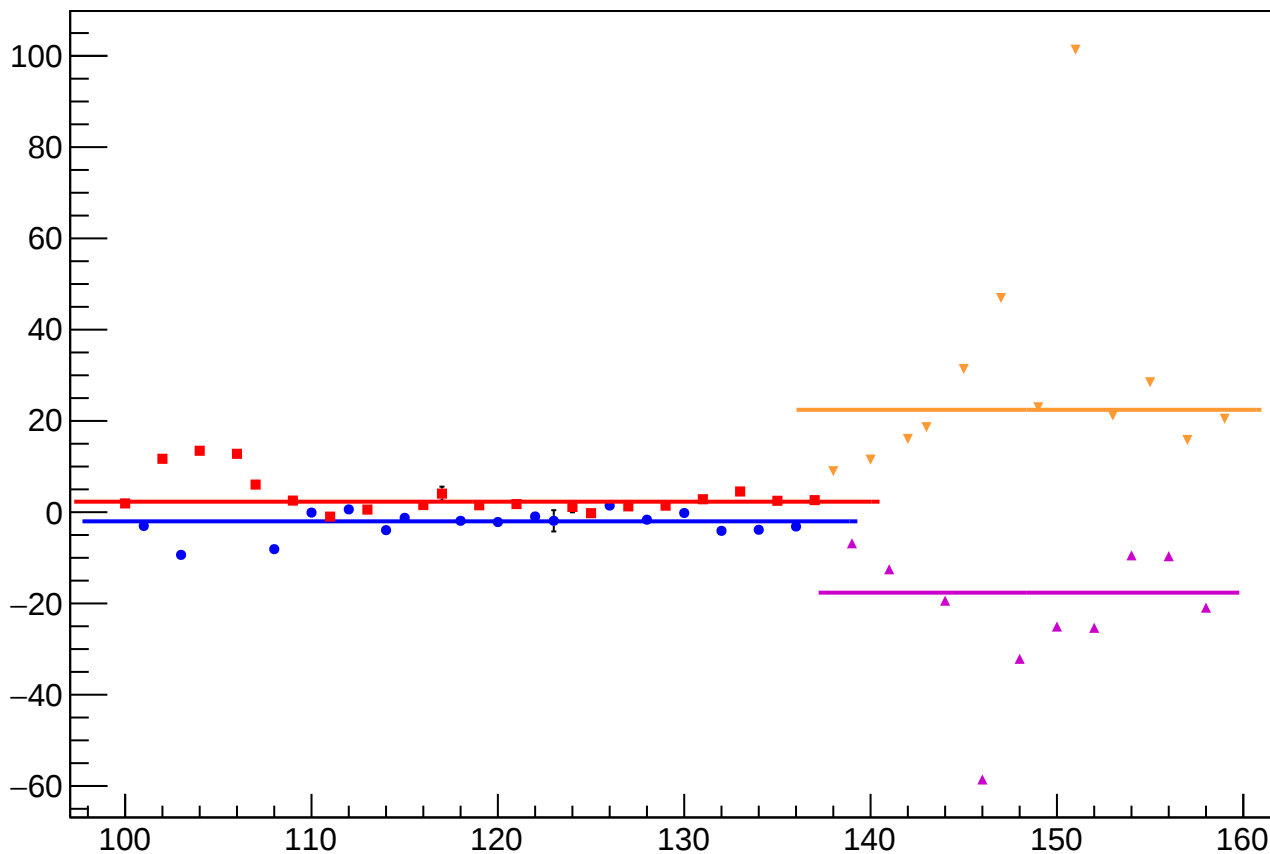
Left In: -1.279 ± 0.047 χ^2/NDF : 1372.4/9

1.429 ± 0.040 χ^2/NDF : 2384.9/28

-0.023 ± 0.027 χ^2/NDF : 7057.1/58

-1.207 ± 0.037 χ^2/NDF : 2334.0/29

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.005+/-0.111 χ^2/NDF : 463.1/16

Left Out: 22.439+/-0.074 χ^2/NDF : 45504.4/11

Right Out: 2.302+/-0.098 χ^2/NDF : 908.6/19

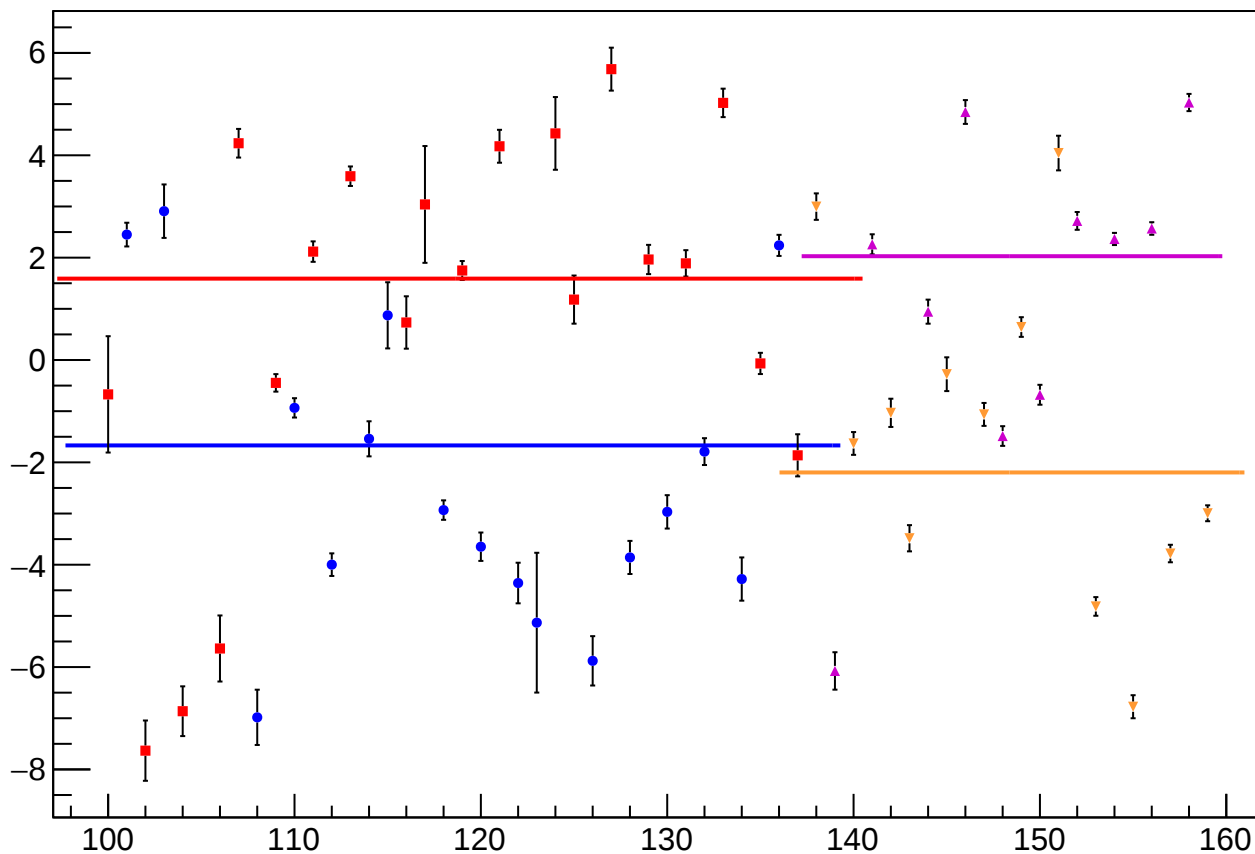
Left In: -17.636+/-0.065 χ^2/NDF : 33646.7/9

14.914+/-0.061 χ^2/NDF : 79705.4/28

0.122+/-0.041 χ^2/NDF : 246359.3/58

-11.508+/-0.054 χ^2/NDF : 63077.6/29

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.669 ± 0.071 χ^2/NDF : 1314.9/16

Left Out: -2.197 ± 0.063 χ^2/NDF : 1802.9/11

Right Out: 1.590 ± 0.065 χ^2/NDF : 1496.3/19

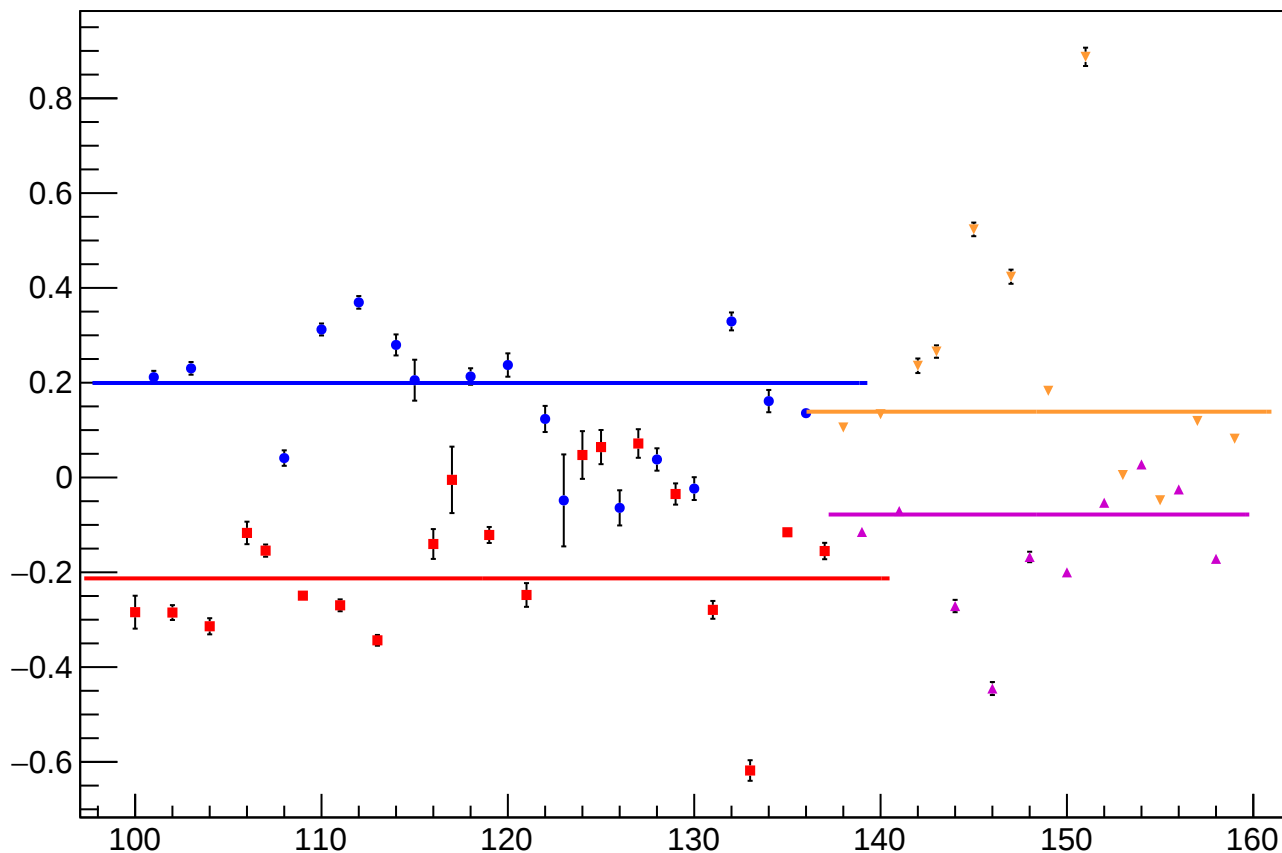
Left In: 2.028 ± 0.055 χ^2/NDF : 1550.2/9

-1.965 ± 0.047 χ^2/NDF : 3149.0/28

0.147 ± 0.031 χ^2/NDF : 9871.2/58

1.846 ± 0.042 χ^2/NDF : 3072.8/29

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.199 ± 0.004 χ^2/NDF : 662.1/16

Left Out: 0.139 ± 0.003 χ^2/NDF : 3562.1/11

Right Out: -0.213 ± 0.004 χ^2/NDF : 1057.0/19

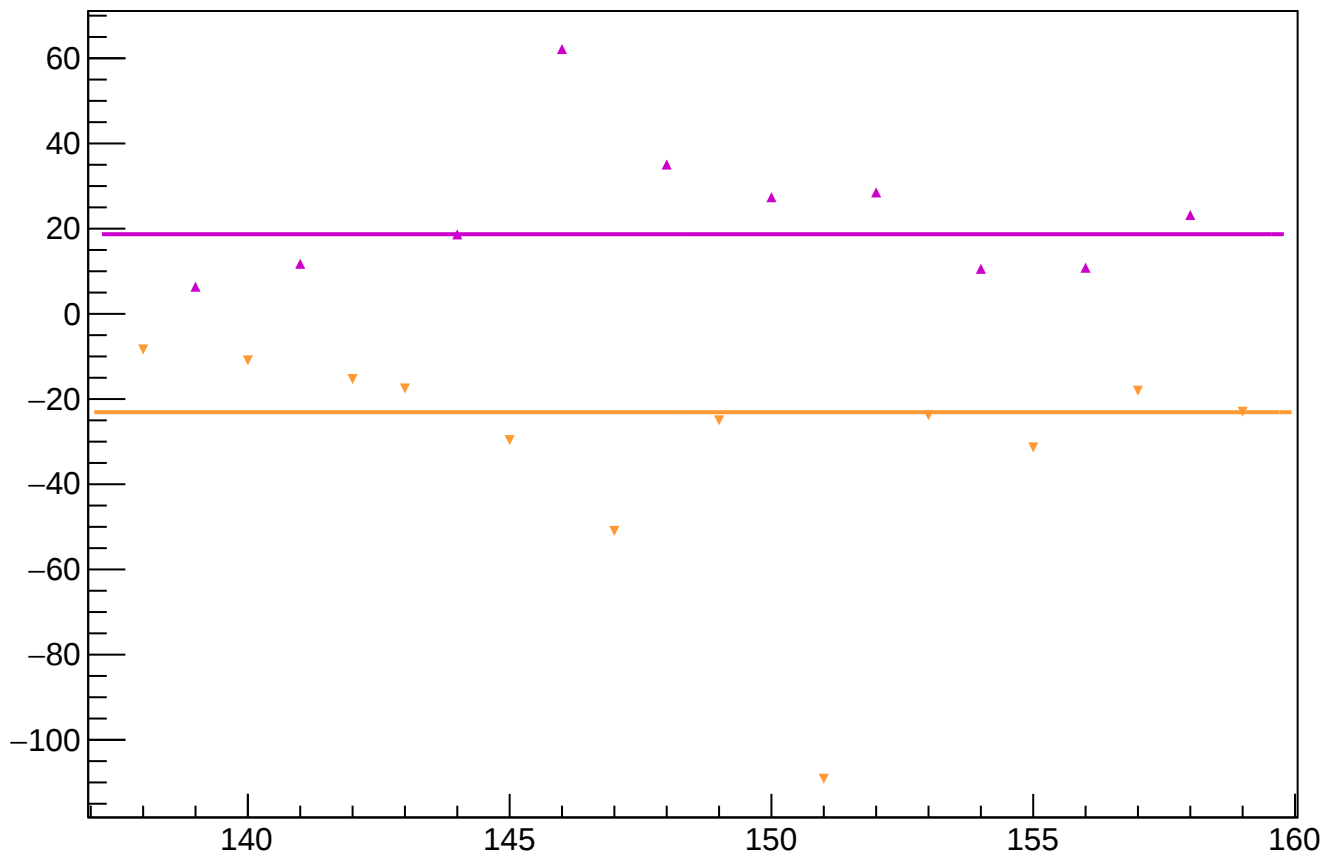
Left In: -0.078 ± 0.002 χ^2/NDF : 1928.5/9

0.158 ± 0.002 χ^2/NDF : 4371.6/28

-0.000 ± 0.002 χ^2/NDF : 16436.9/58

-0.118 ± 0.002 χ^2/NDF : 3932.7/29

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -23.088+/-0.076 χ^2/NDF : 50367.5/11

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

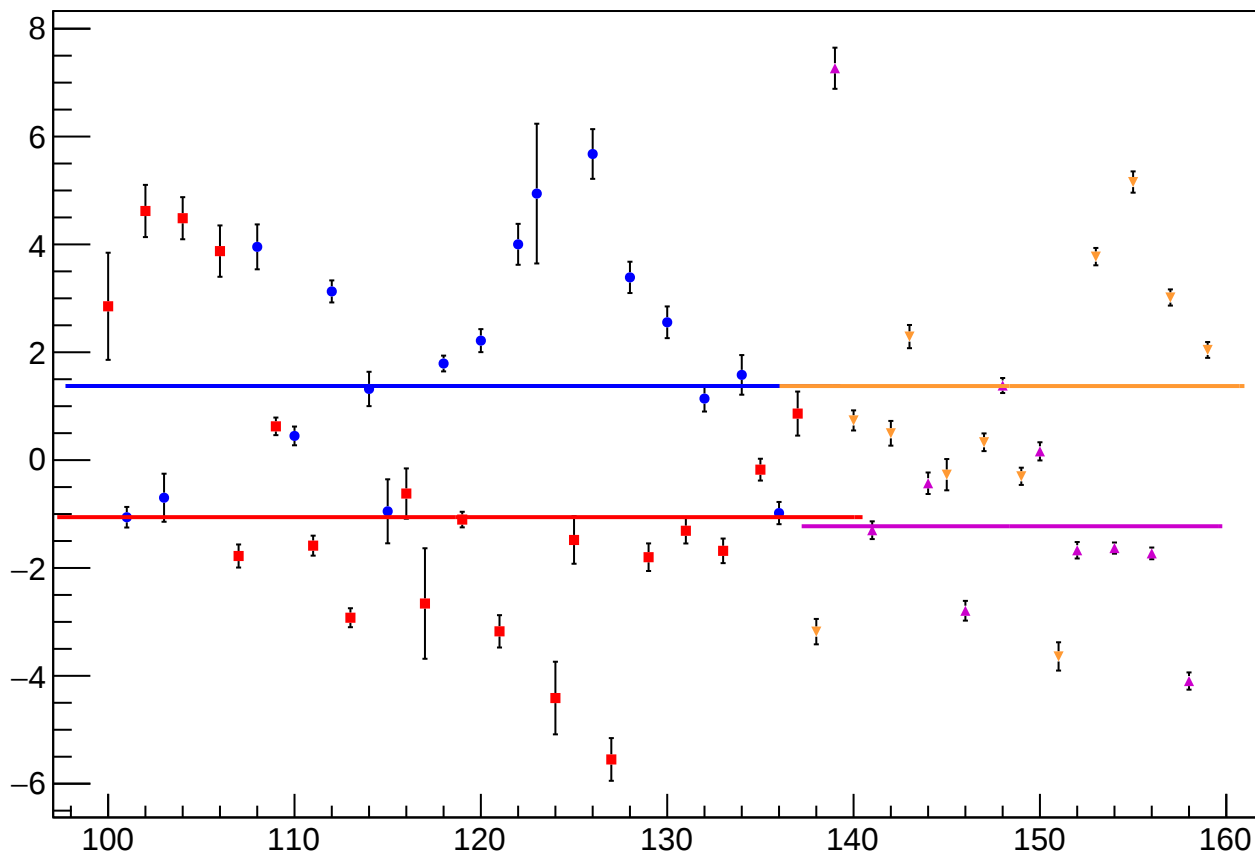
Left In: 18.700+/-0.068 χ^2/NDF : 35760.8/9

-23.088+/-0.076 χ^2/NDF : 50367.5/11

-0.056+/-0.051 χ^2/NDF : 254066.9/21

18.700+/-0.068 χ^2/NDF : 35760.8/9

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.375 ± 0.062 χ^2/NDF : 702.4/16

Left Out: 1.373 ± 0.054 χ^2/NDF : 1696.2/11

Right Out: -1.058 ± 0.058 χ^2/NDF : 966.5/19

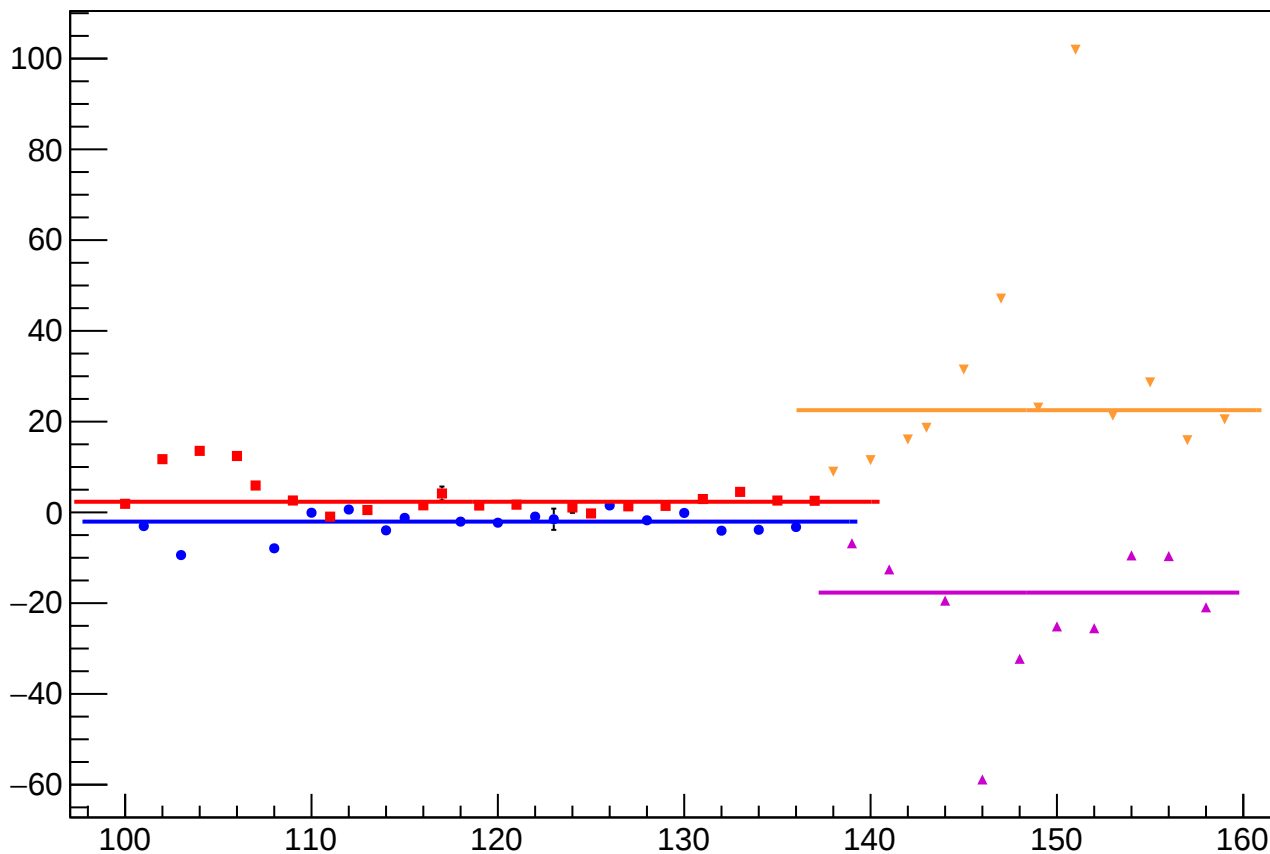
Left In: -1.226 ± 0.047 χ^2/NDF : 1372.1/9

1.374 ± 0.041 χ^2/NDF : 2398.7/28

-0.023 ± 0.027 χ^2/NDF : 6885.2/58

-1.159 ± 0.037 χ^2/NDF : 2343.7/29

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.031 ± 0.111 χ^2/NDF : 463.2/16

Left Out: 22.522 ± 0.074 χ^2/NDF : 45599.4/11

Right Out: 2.344 ± 0.099 χ^2/NDF : 903.4/19

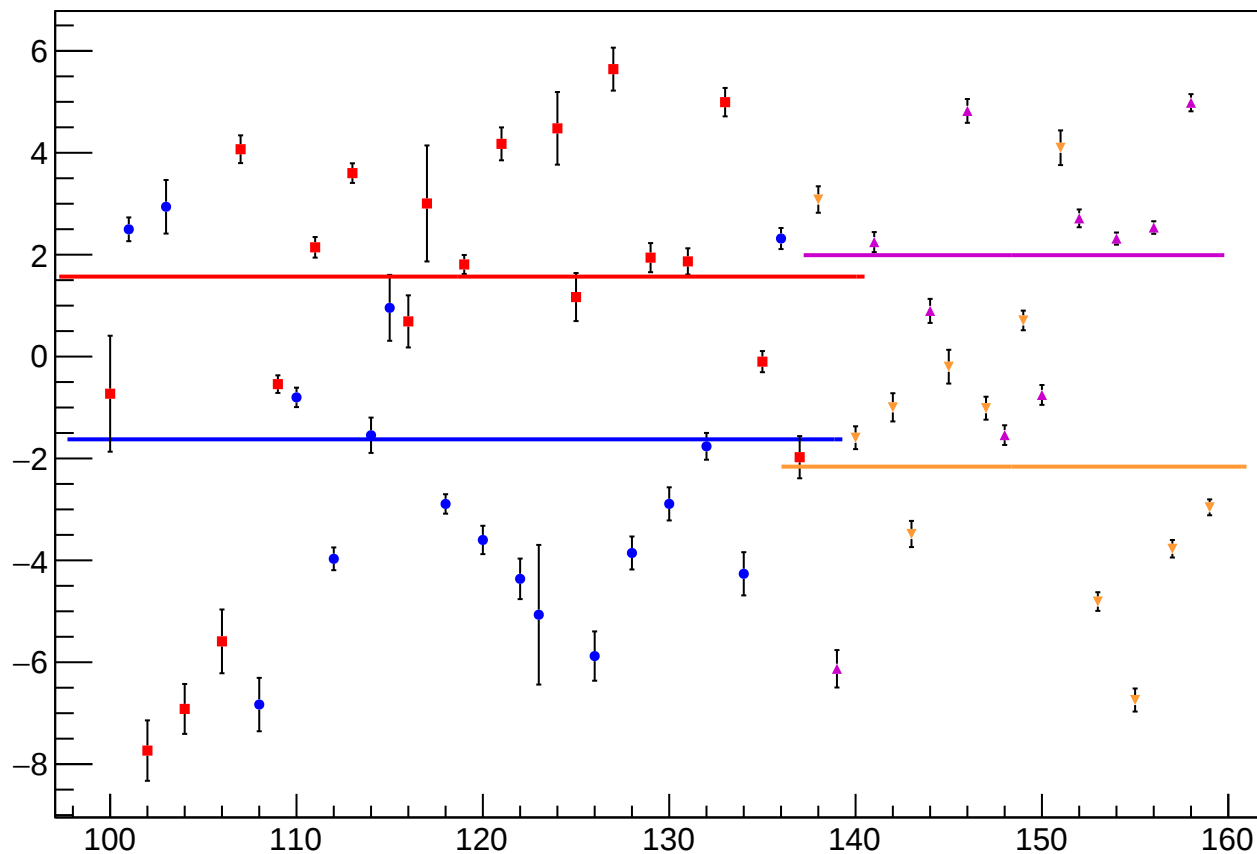
Left In: -17.675 ± 0.066 χ^2/NDF : 33744.1/9

14.973 ± 0.062 χ^2/NDF : 79762.5/28

0.123 ± 0.041 χ^2/NDF : 246237.5/58

-11.534 ± 0.055 χ^2/NDF : 63147.0/29

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.625 ± 0.071 χ^2/NDF : 1320.8/16

Left Out: -2.160 ± 0.063 χ^2/NDF : 1811.7/11

Right Out: 1.570 ± 0.065 χ^2/NDF : 1507.4/19

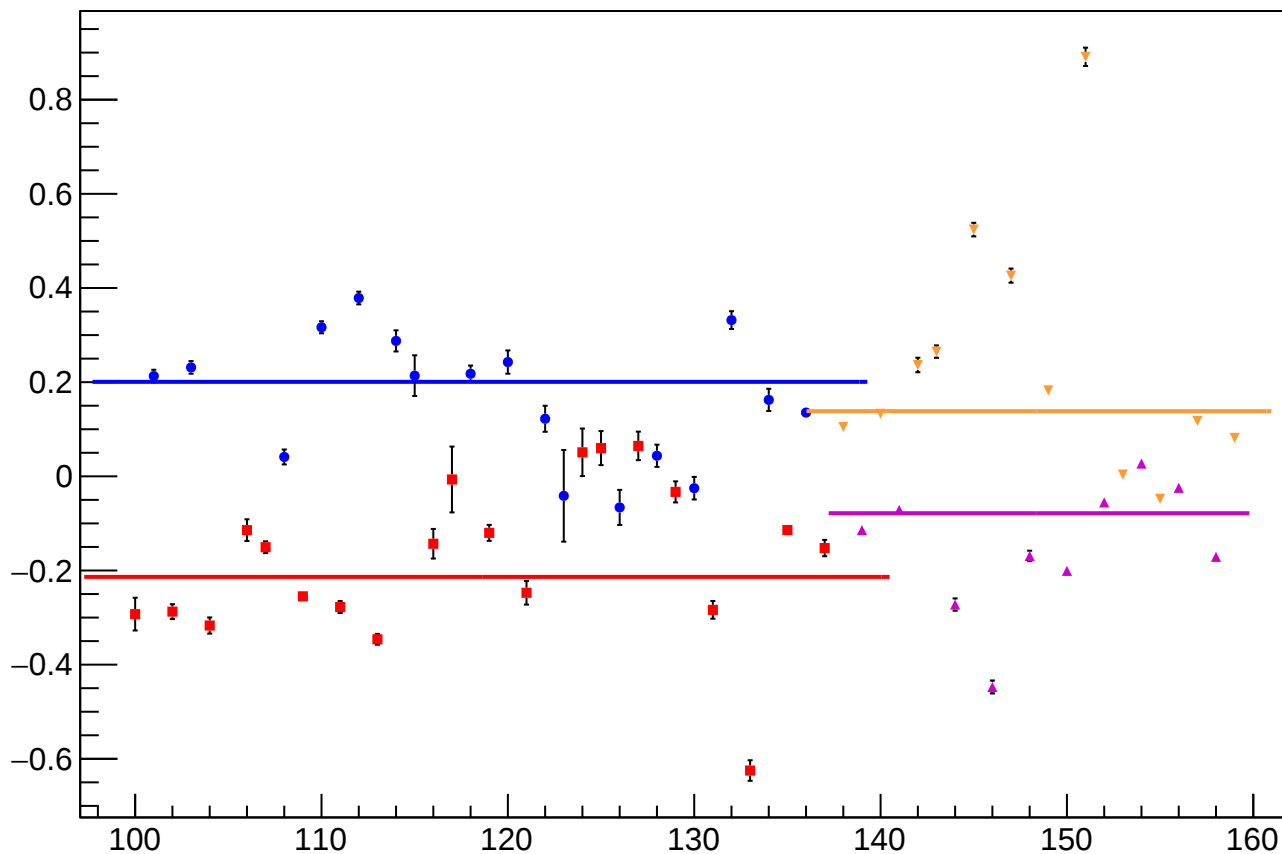
Left In: 1.990 ± 0.055 χ^2/NDF : 1550.4/9

-1.925 ± 0.047 χ^2/NDF : 3164.2/28

0.150 ± 0.031 χ^2/NDF : 9733.0/58

1.815 ± 0.042 χ^2/NDF : 3081.8/29

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.004 χ^2/NDF : 690.6/16

Left Out: 0.138 ± 0.003 χ^2/NDF : 3555.4/11

Right Out: -0.214 ± 0.004 χ^2/NDF : 1089.2/19

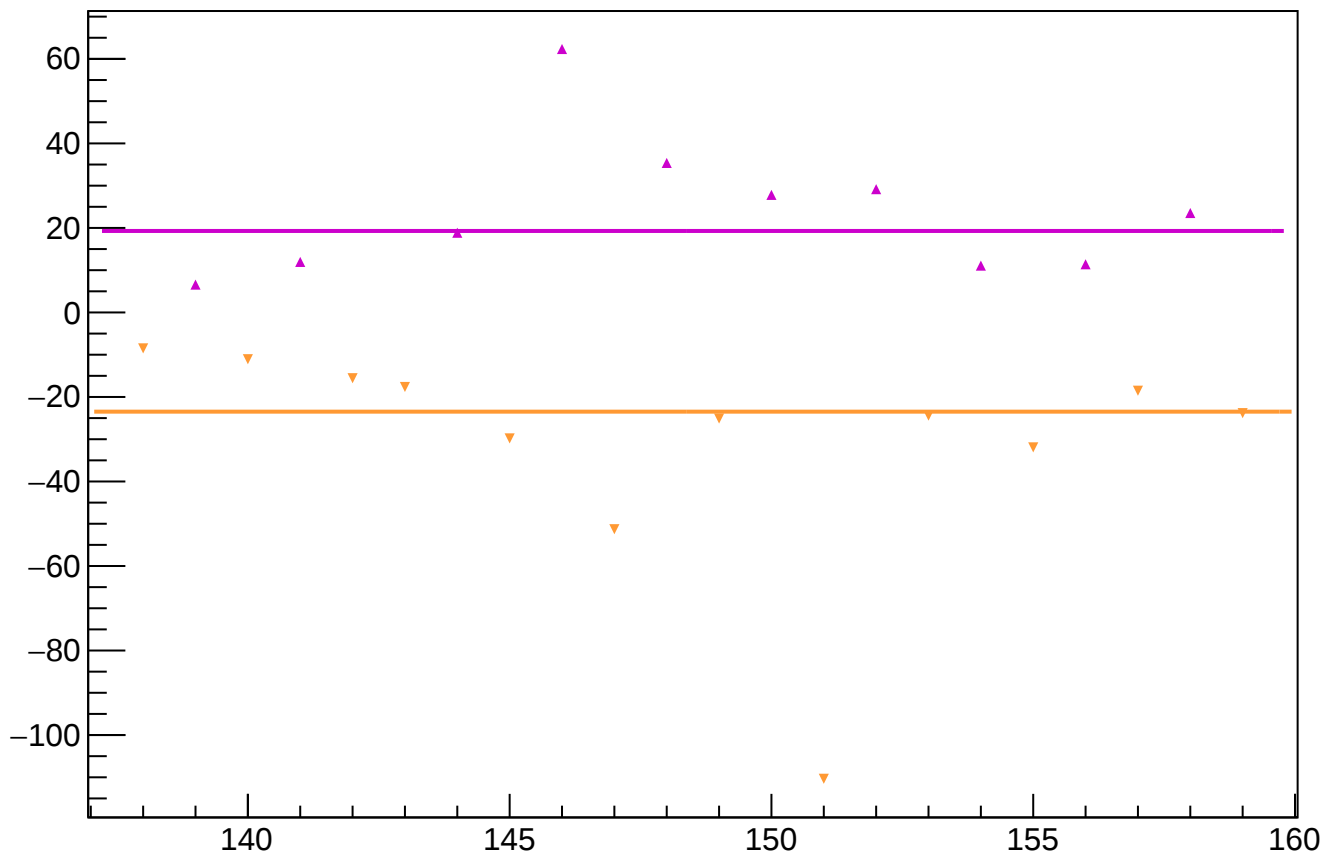
Left In: -0.078 ± 0.002 χ^2/NDF : 1924.5/9

0.158 ± 0.002 χ^2/NDF : 4400.5/28

-0.001 ± 0.002 χ^2/NDF : 16474.8/58

-0.118 ± 0.002 χ^2/NDF : 3963.7/29

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -23.475 $\pm$ 0.077 χ^2/NDF : 50225.4/11

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

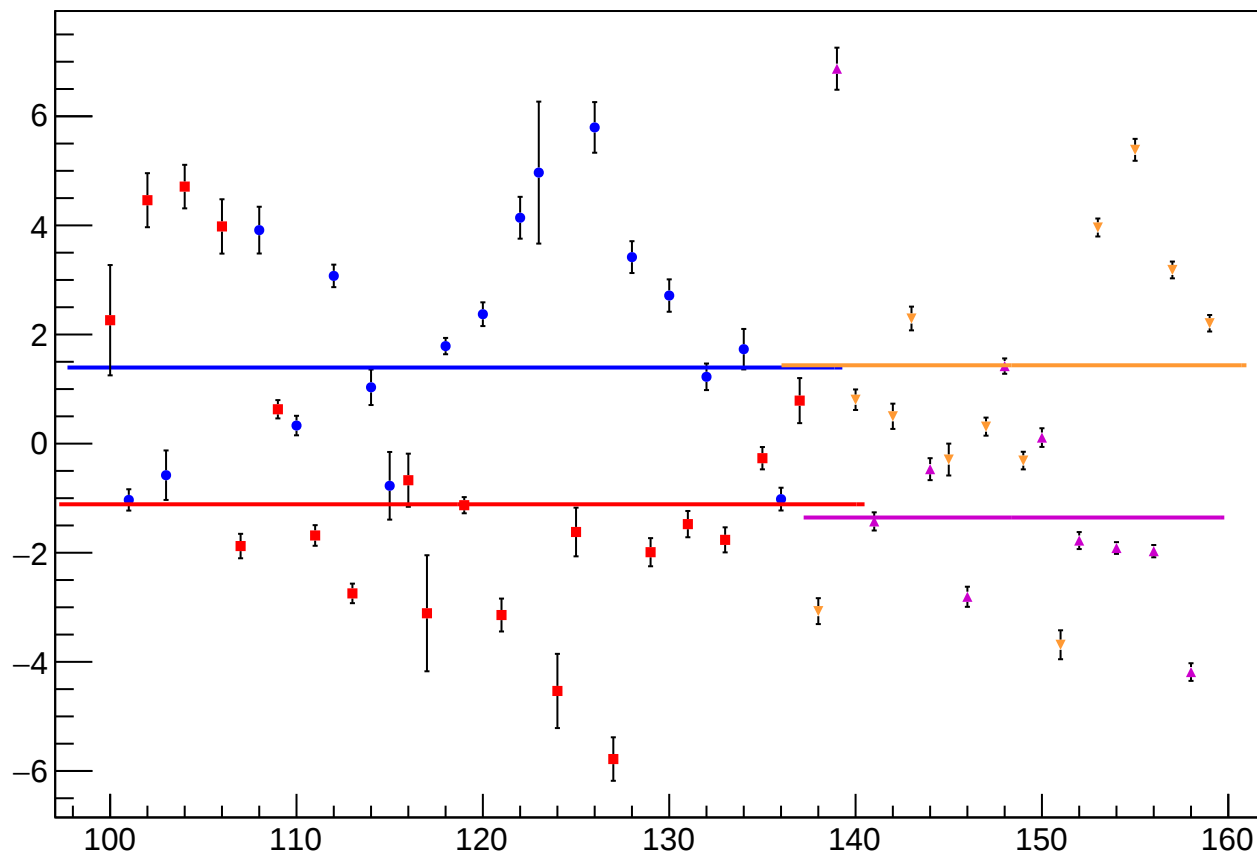
Left In: 19.282 $\pm$ 0.070 χ^2/NDF : 34680.4/9

-23.475 $\pm$ 0.077 χ^2/NDF : 50225.4/11

-0.067 $\pm$ 0.052 χ^2/NDF : 254106.0/21

19.282 $\pm$ 0.070 χ^2/NDF : 34680.4/9

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.395 ± 0.063 χ^2/NDF : 701.4/16

Left Out: 1.436 ± 0.055 χ^2/NDF : 1750.9/11

Right Out: -1.112 ± 0.059 χ^2/NDF : 940.5/19

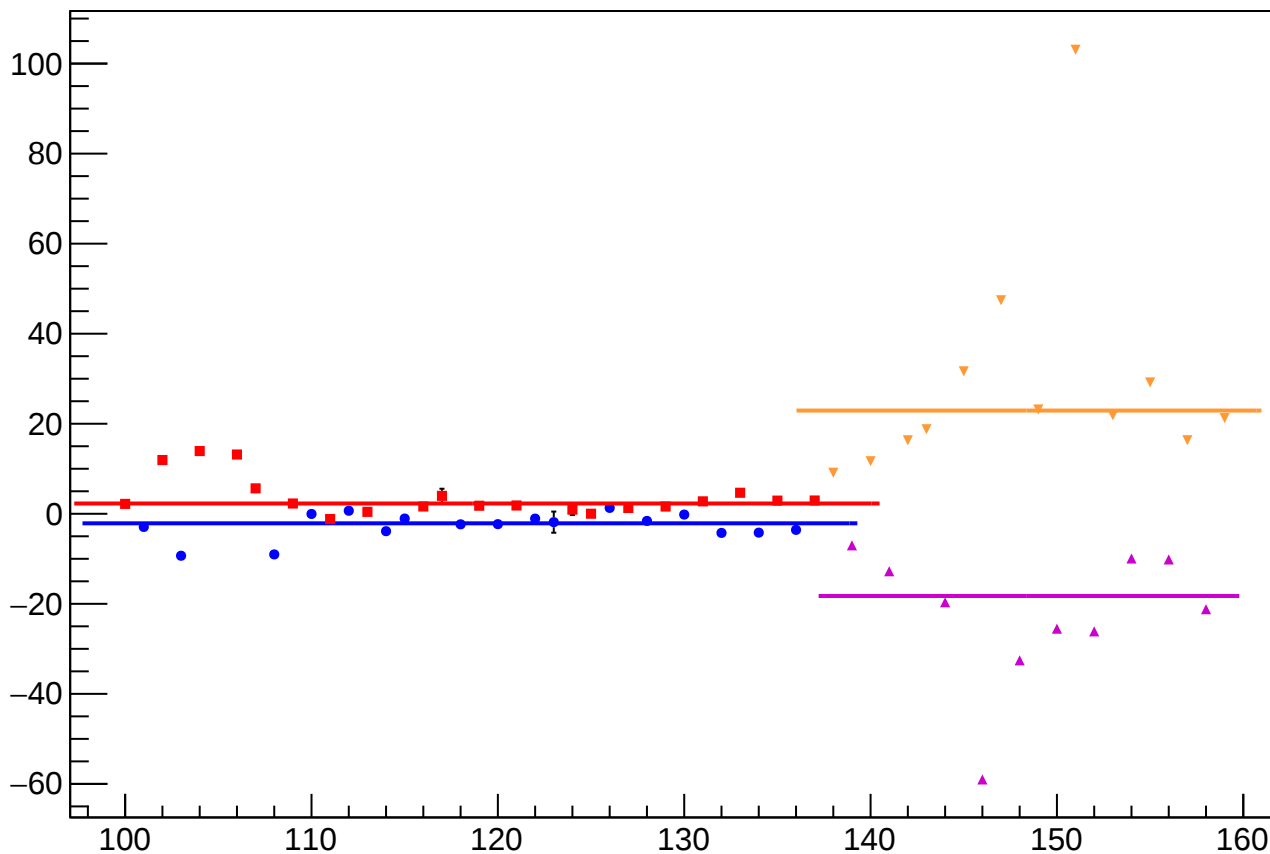
Left In: -1.354 ± 0.048 χ^2/NDF : 1369.8/9

1.418 ± 0.041 χ^2/NDF : 2452.6/28

-0.049 ± 0.028 χ^2/NDF : 7072.5/58

-1.257 ± 0.037 χ^2/NDF : 2320.4/29

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.119 $\pm$ 0.113 χ^2 /NDF: 486.3/16

Left Out: 22.931 $\pm$ 0.075 χ^2 /NDF: 45338.8/11

Right Out: 2.284 $\pm$ 0.101 χ^2 /NDF: 920.6/19

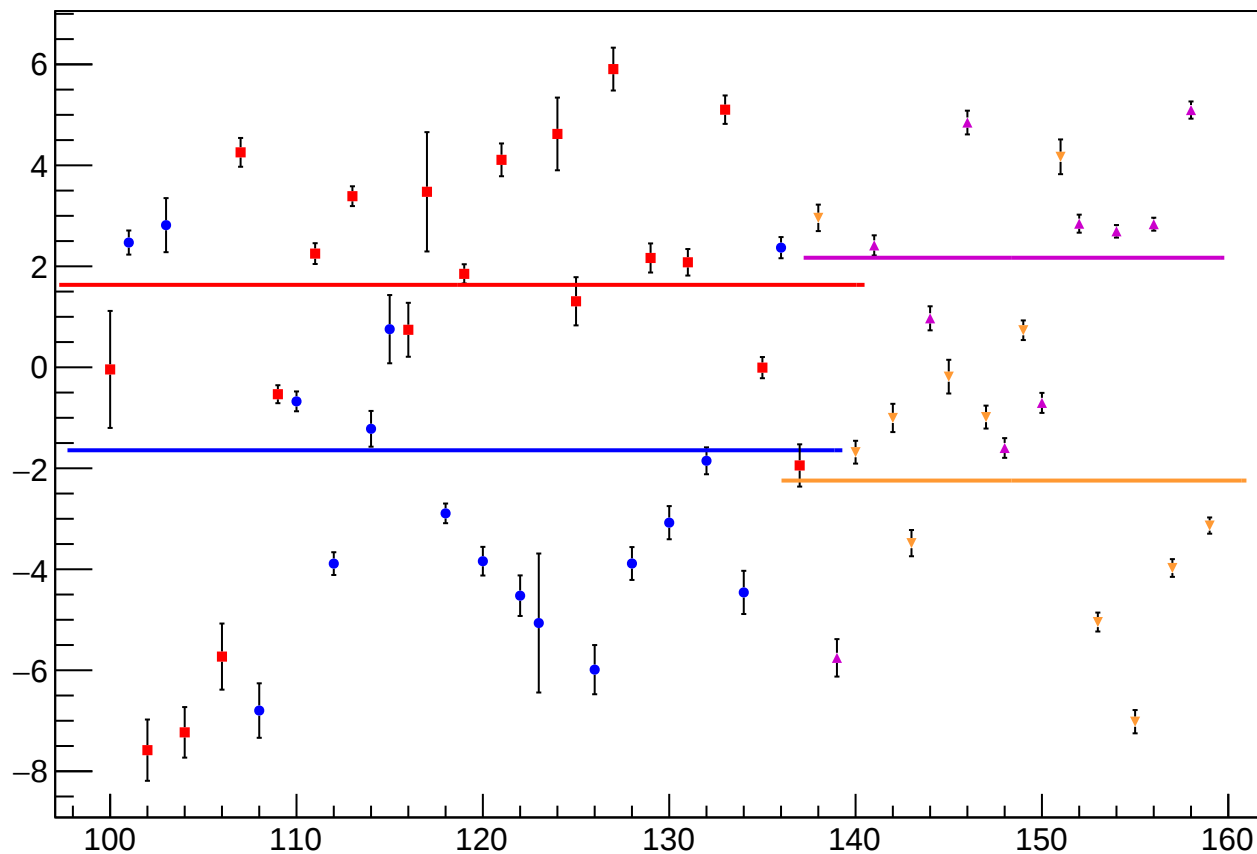
Left In: -18.260 $\pm$ 0.067 χ^2 /NDF: 32575.3/9

15.241 $\pm$ 0.063 χ^2 /NDF: 79702.3/28

0.104 $\pm$ 0.042 χ^2 /NDF: 246295.6/58

-11.930 $\pm$ 0.056 χ^2 /NDF: 62218.1/29

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.643 ± 0.072 χ^2/NDF : 1310.1/16

Left Out: -2.243 ± 0.064 χ^2/NDF : 1873.2/11

Right Out: 1.633 ± 0.067 χ^2/NDF : 1470.6/19

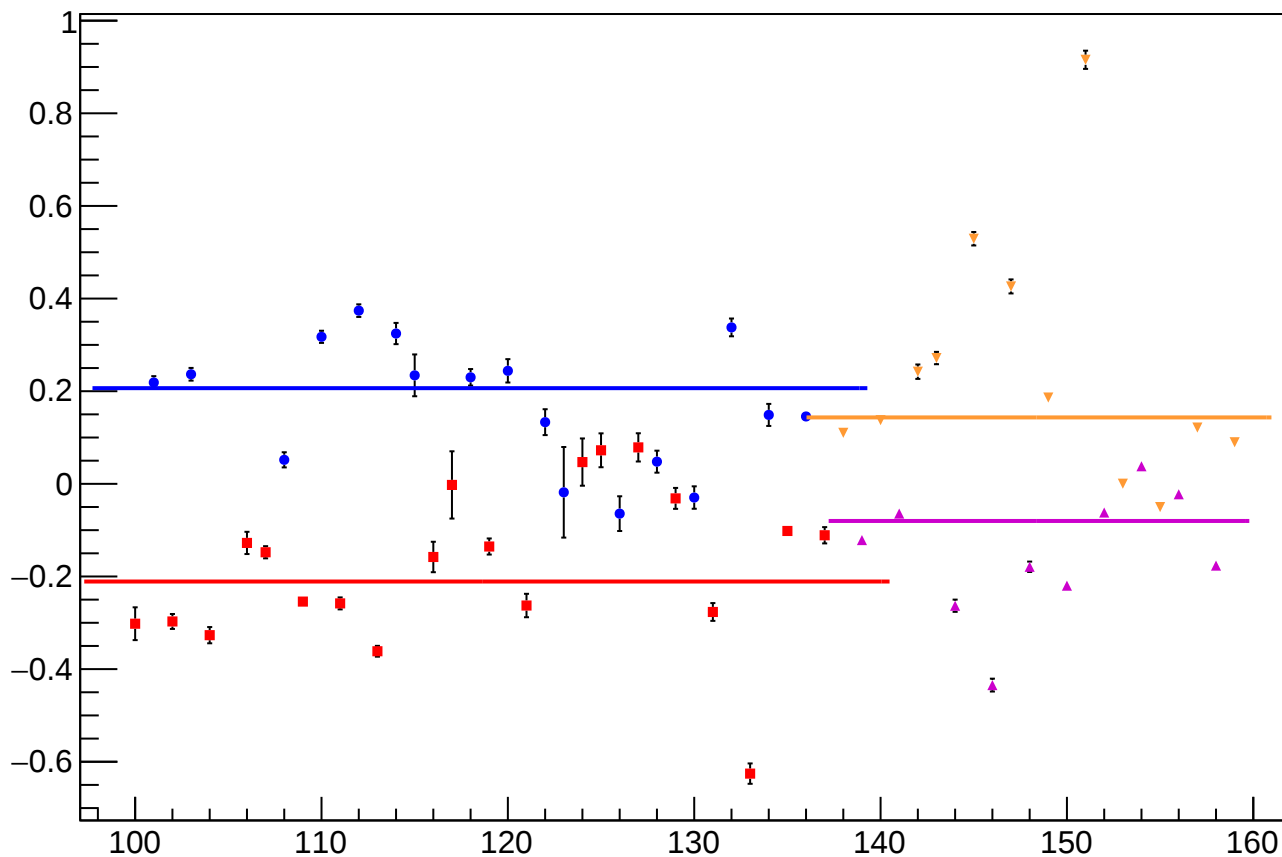
Left In: 2.170 ± 0.057 χ^2/NDF : 1548.4/9

-1.979 ± 0.048 χ^2/NDF : 3221.7/28

0.187 ± 0.032 χ^2/NDF : 9969.7/58

1.945 ± 0.043 χ^2/NDF : 3056.4/29

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.207 ± 0.004 χ^2/NDF : 655.0/16

Left Out: 0.143 ± 0.003 χ^2/NDF : 3603.1/11

Right Out: -0.211 ± 0.004 χ^2/NDF : 1153.8/19

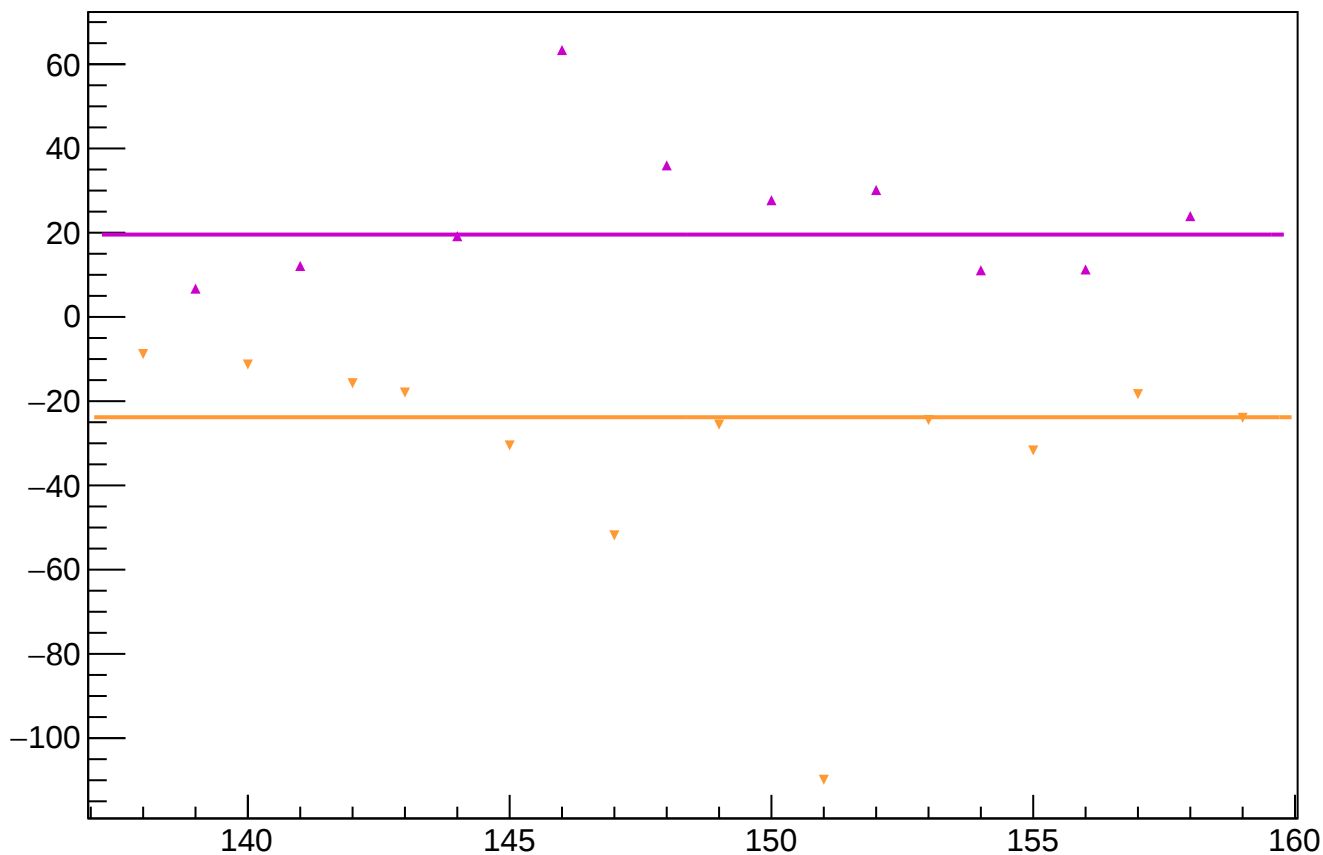
Left In: -0.080 ± 0.002 χ^2/NDF : 1974.8/9

0.163 ± 0.002 χ^2/NDF : 4411.7/28

0.002 ± 0.002 χ^2/NDF : 16514.7/58

-0.119 ± 0.002 χ^2/NDF : 3977.4/29

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -23.810 ± 0.078 χ^2/NDF : 49518.0/11

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

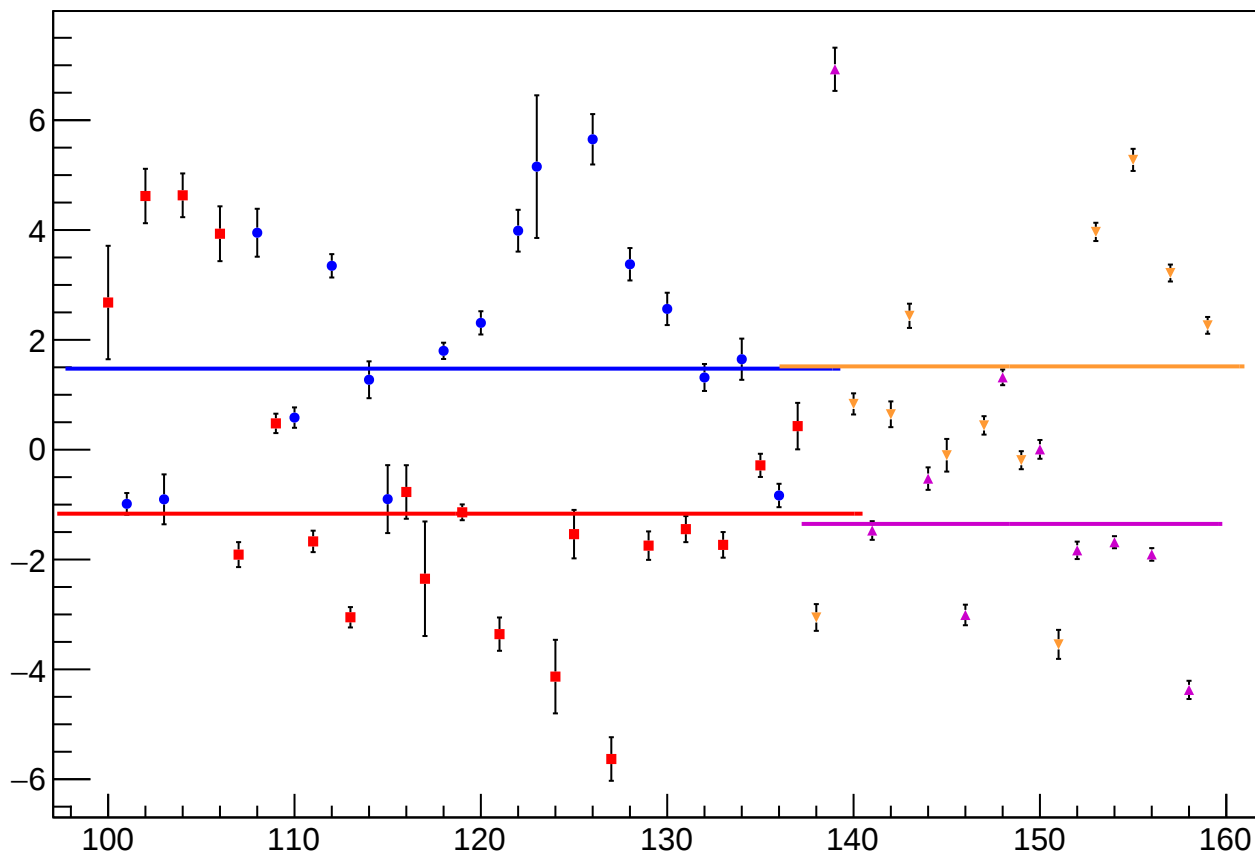
Left In: 19.555 ± 0.071 χ^2/NDF : 35006.2/9

-23.810 ± 0.078 χ^2/NDF : 49518.0/11

-0.160 ± 0.053 χ^2/NDF : 253291.0/21

19.555 ± 0.071 χ^2/NDF : 35006.2/9

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.476 ± 0.064 χ^2/NDF : 659.7/16

Left Out: 1.517 ± 0.055 χ^2/NDF : 1653.9/11

Right Out: -1.165 ± 0.060 χ^2/NDF : 919.2/19

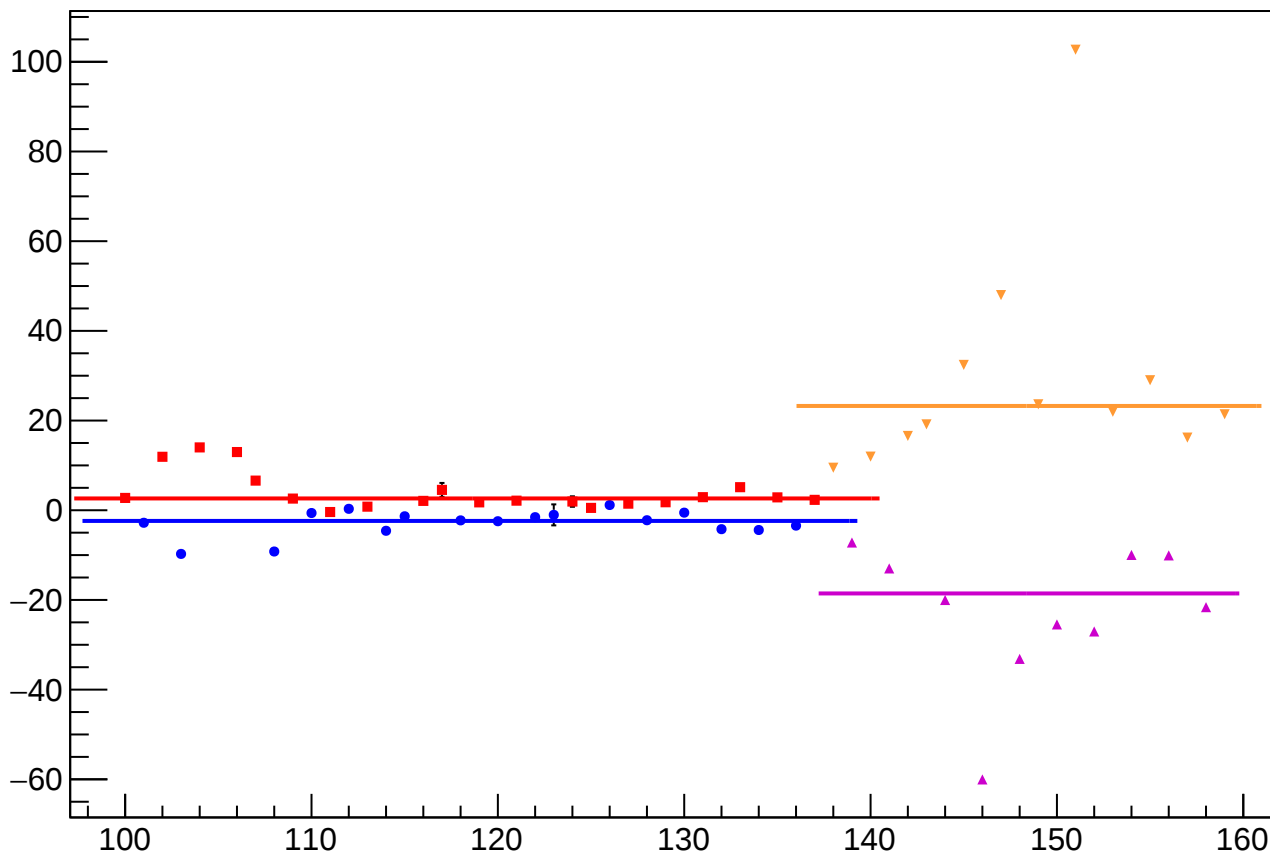
Left In: -1.351 ± 0.049 χ^2/NDF : 1322.4/9

1.499 ± 0.042 χ^2/NDF : 2313.8/28

-0.016 ± 0.028 χ^2/NDF : 6974.4/58

-1.276 ± 0.038 χ^2/NDF : 2247.4/29

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.380 ± 0.115 $\chi^2/\text{NDF}: 438.8/16$

Left Out: 23.257 ± 0.076 $\chi^2/\text{NDF}: 44822.7/11$

Right Out: 2.631 ± 0.103 $\chi^2/\text{NDF}: 842.8/19$

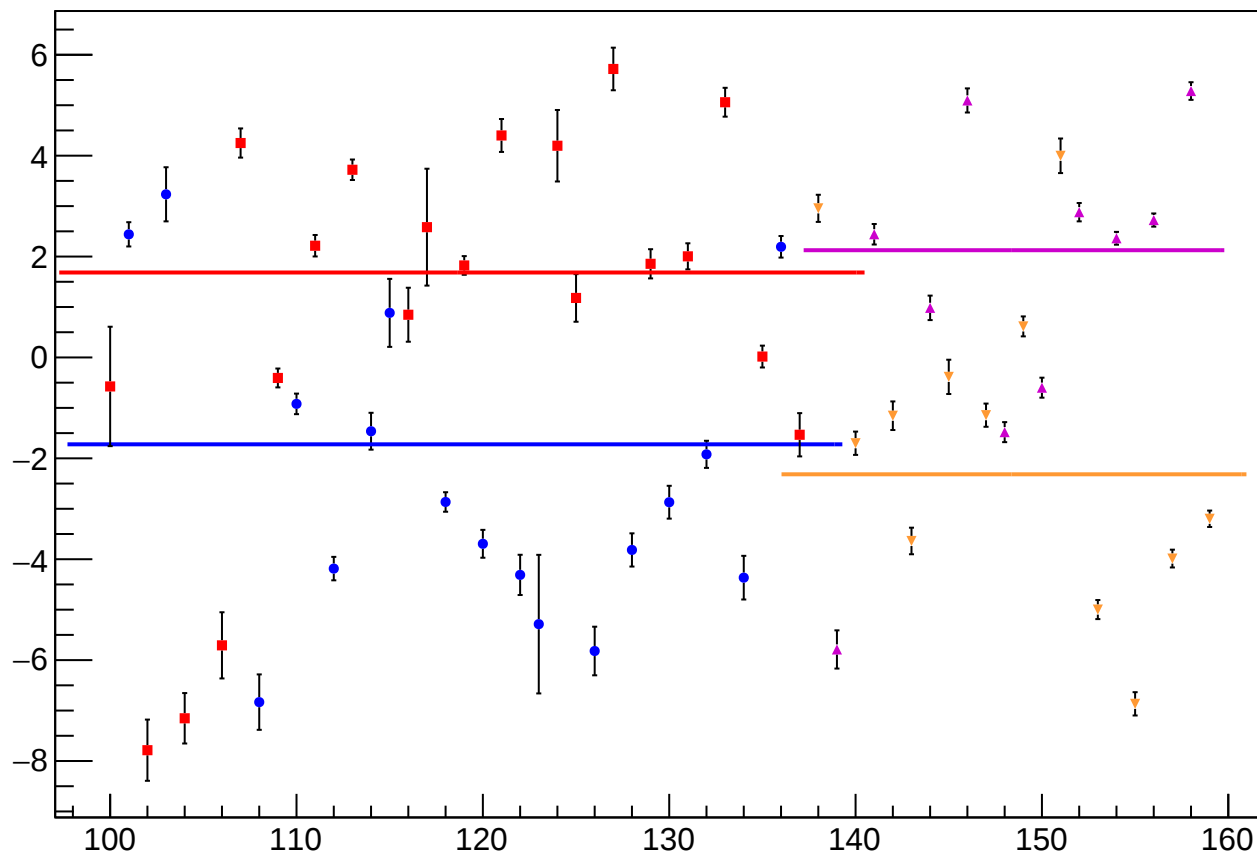
Left In: -18.553 ± 0.068 $\chi^2/\text{NDF}: 32904.4/9$

15.415 ± 0.064 $\chi^2/\text{NDF}: 79740.1/28$

0.182 ± 0.042 $\chi^2/\text{NDF}: 246214.9/58$

-12.061 ± 0.057 $\chi^2/\text{NDF}: 63067.2/29$

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.722 ± 0.073 $\chi^2/\text{NDF}: 1247.6/16$

Left Out: -2.316 ± 0.065 $\chi^2/\text{NDF}: 1759.1/11$

Right Out: 1.684 ± 0.068 $\chi^2/\text{NDF}: 1431.6/19$

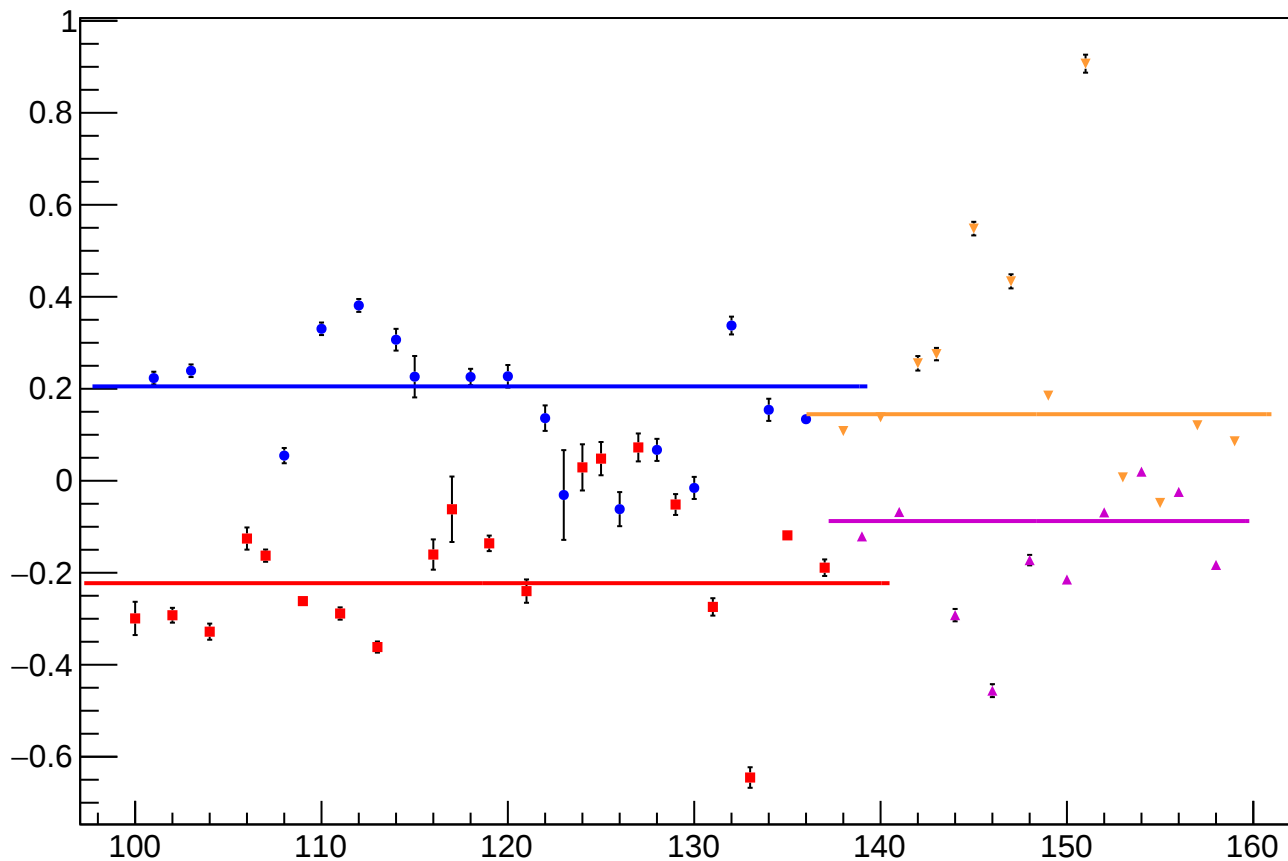
Left In: 2.126 ± 0.058 $\chi^2/\text{NDF}: 1502.3/9$

-2.055 ± 0.049 $\chi^2/\text{NDF}: 3043.7/28$

0.140 ± 0.033 $\chi^2/\text{NDF}: 9725.8/58$

1.940 ± 0.044 $\chi^2/\text{NDF}: 2958.5/29$

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.004 χ^2/NDF : 650.7/16

Left Out: 0.164 ± 0.002 χ^2/NDF : 4397.4/28

Right Out: -0.223 ± 0.004 χ^2/NDF : 1045.6/19

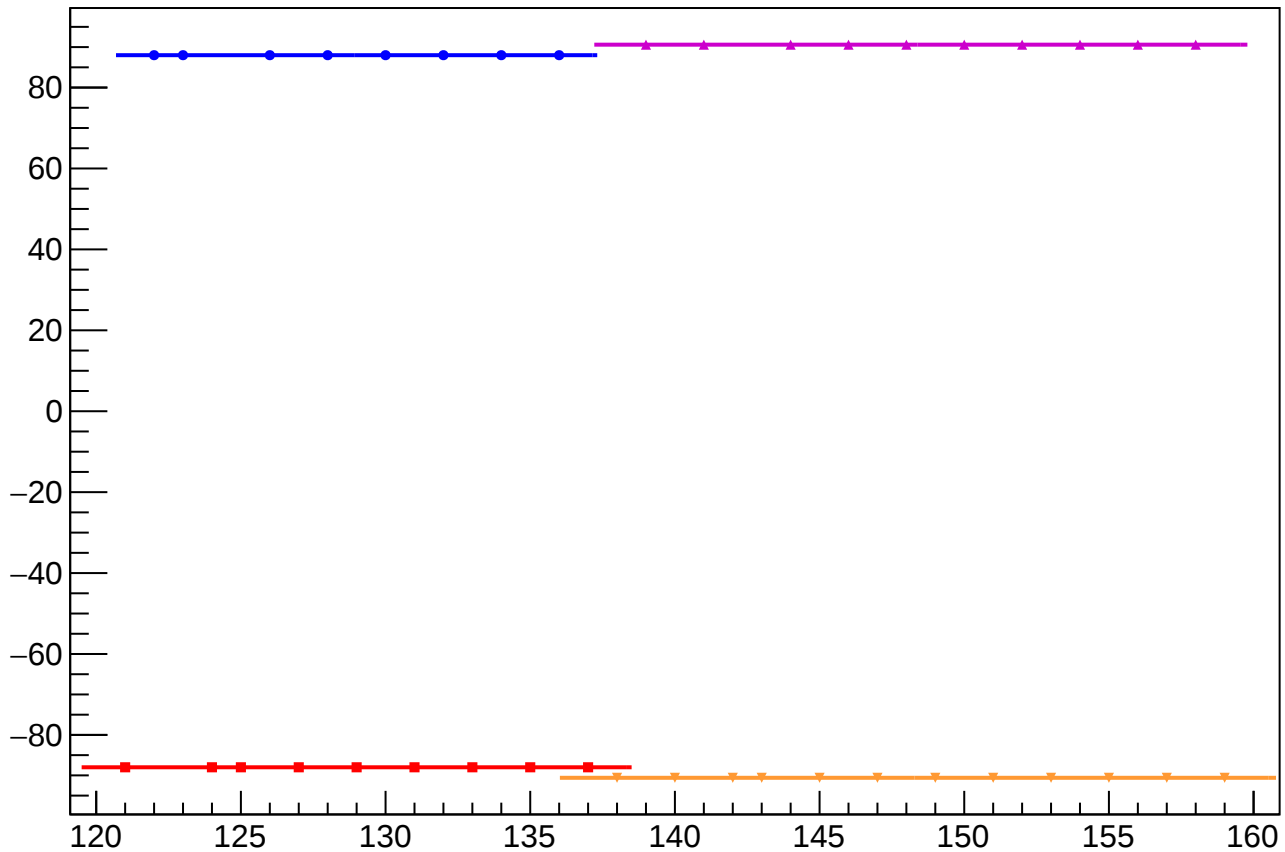
Left In: -0.088 ± 0.002 χ^2/NDF : 1883.3/9

0.164 ± 0.002 χ^2/NDF : 4397.4/28

-0.002 ± 0.002 χ^2/NDF : 16595.0/58

-0.128 ± 0.002 χ^2/NDF : 3800.1/29

VWienAngle_mean vs Slug, Sign Corrected



Right In: 88.001 $\pm$ 0.000 χ^2 /NDF: 714089.5/7

Left Out: -90.599 $\pm$ 0.000 χ^2 /NDF: 3719687.4/11

Right Out: -88.001 $\pm$ 0.000 χ^2 /NDF: 109456.0/8

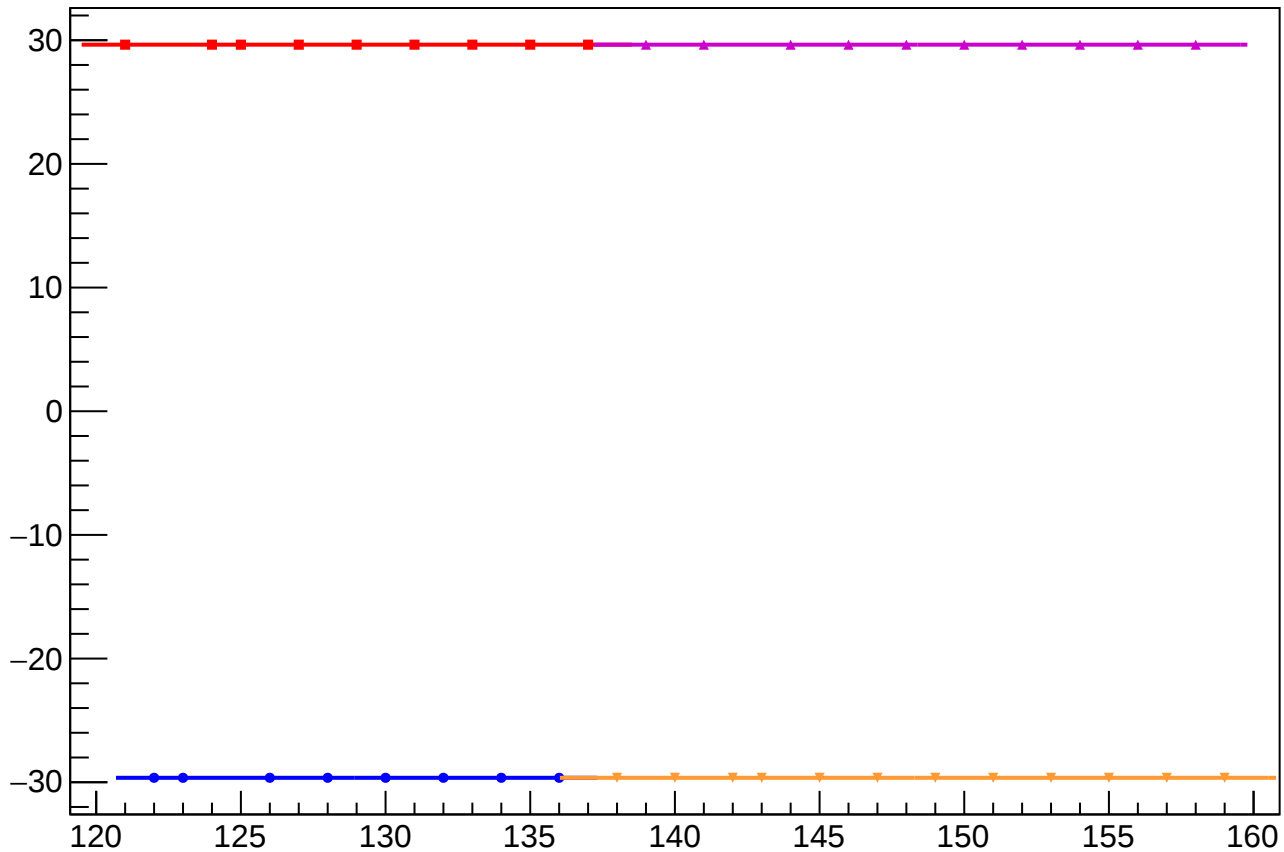
Left In: 90.599 $\pm$ 0.000 χ^2 /NDF: 561214.6/9

-42.352 $\pm$ 0.000 χ^2 /NDF: 79620936363980950

-2.036 $\pm$ 0.000 χ^2 /NDF: 19645562011130

41.737 $\pm$ 0.000 χ^2 /NDF: 739159991962262435

HWienAngle_mean vs Slug, Sign Corrected



Right In: -29.641 $\pm$ 0.000 χ^2 /NDF: 405045.4/7

Left Out: -29.641 $\pm$ 0.000 χ^2 /NDF: 198300.7/11

Right Out: 29.641 $\pm$ 0.000 χ^2 /NDF: 29358.2/8

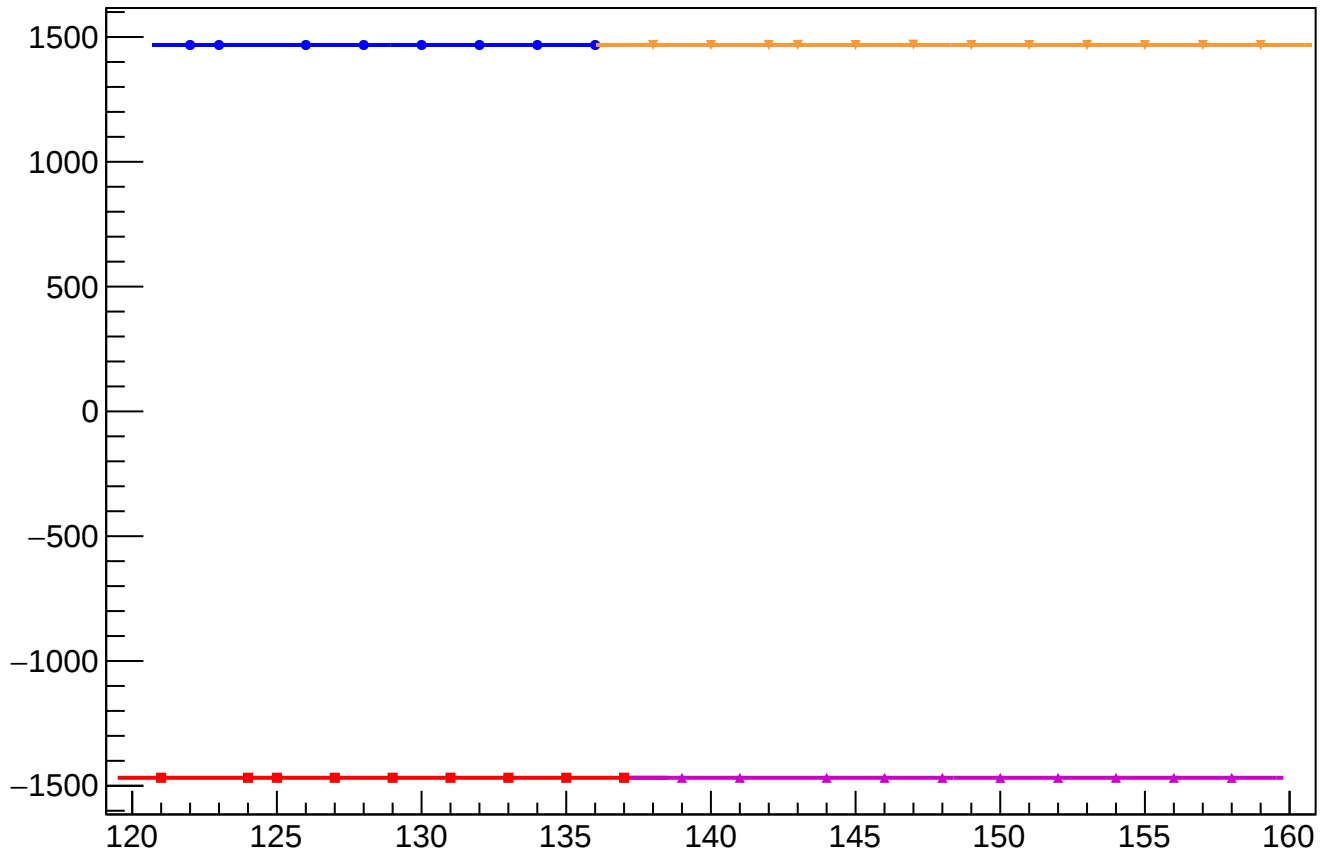
Left In: 29.641 $\pm$ 0.000 χ^2 /NDF: 39518.8/9

-29.641 $\pm$ 0.000 χ^2 /NDF: 1090369.9/19

-1.219 $\pm$ 0.000 χ^2 /NDF: 2133072810813

29.641 $\pm$ 0.000 χ^2 /NDF: 1430501.4/18

psub_pl_pos_mean vs Slug, Sign Corrected



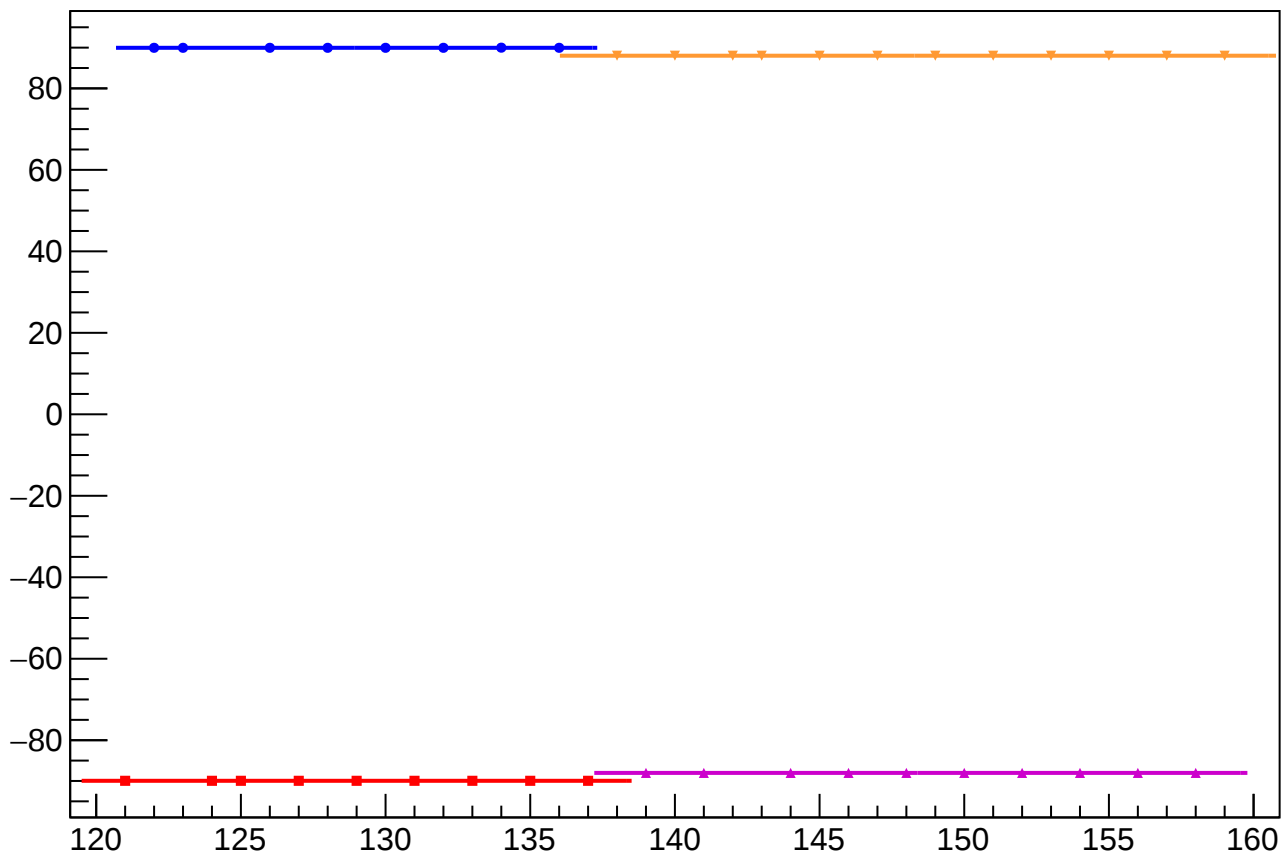
Right In: 1467.979 $\pm$ 0.000 χ^2/NDF : 436234375.5/7

Left Out: 1468.100 $\pm$ 0.000 χ^2/NDF : 123122523995989357945833520103424.0/11

Right Out: -1467.979 $\pm$ 0.000 χ^2/NDF : 83183350.3/8

Left In: -1467.987 $\pm$ 0.000 χ^2/NDF : 81485714261969117795055566848.0/9

Phi_FG_mean vs Slug, Sign Corrected



Right In: 89.961+/-0.000 χ^2/NDF : 21528640598708602874349223936.0/7

Left Out: 88.021+/-0.000 χ^2/NDF : 3066788.3/11

Right Out: -89.959+/-0.000 χ^2/NDF : 331397.3/8

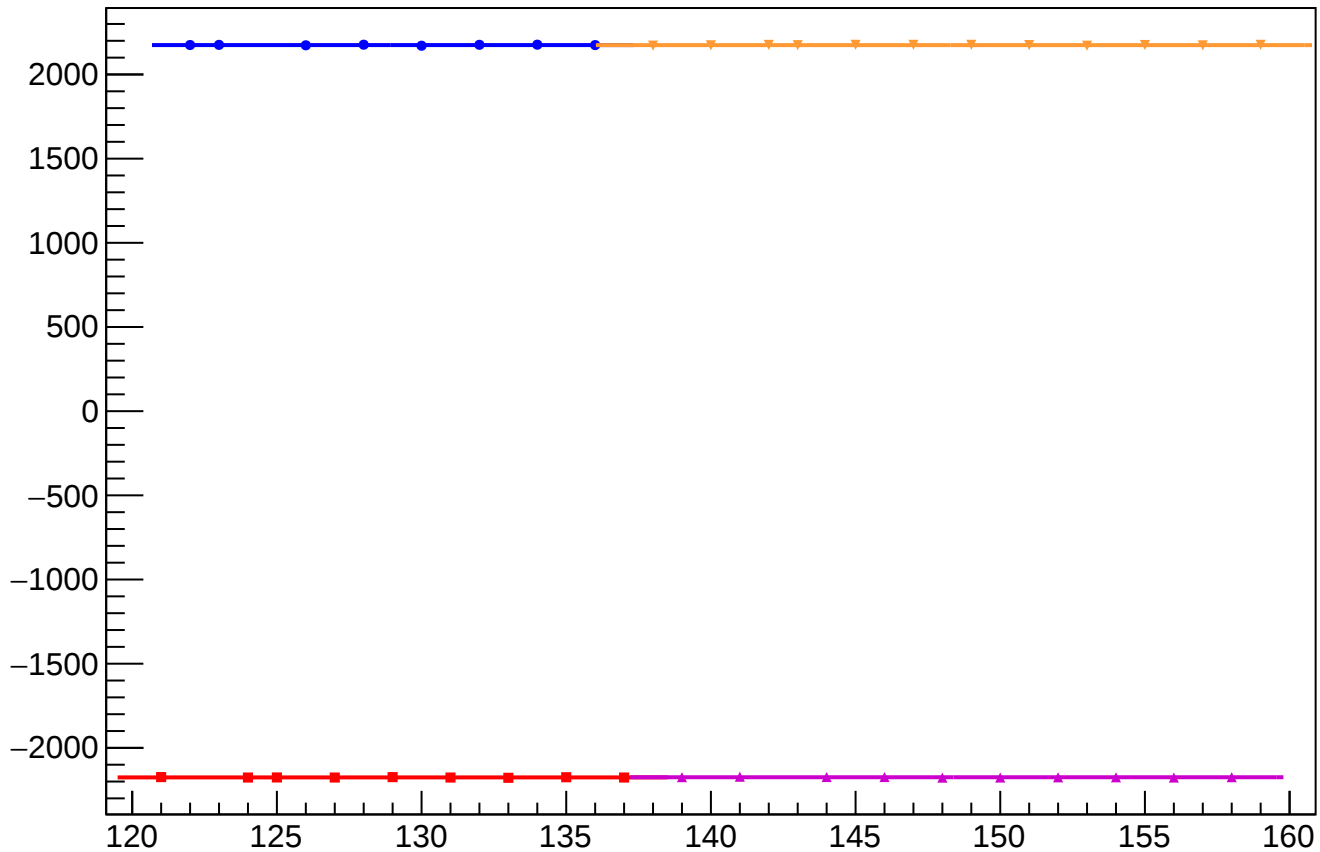
Left In: -88.021+/-0.000 χ^2/NDF : 977228.3/9

88.545+/-0.000 χ^2/NDF : 940062441015721014

3.638+/-0.000 χ^2/NDF : 19038275263372

-88.551+/-0.000 χ^2/NDF : 87086163684483844

HALLA_p_mean vs Slug, Sign Corrected



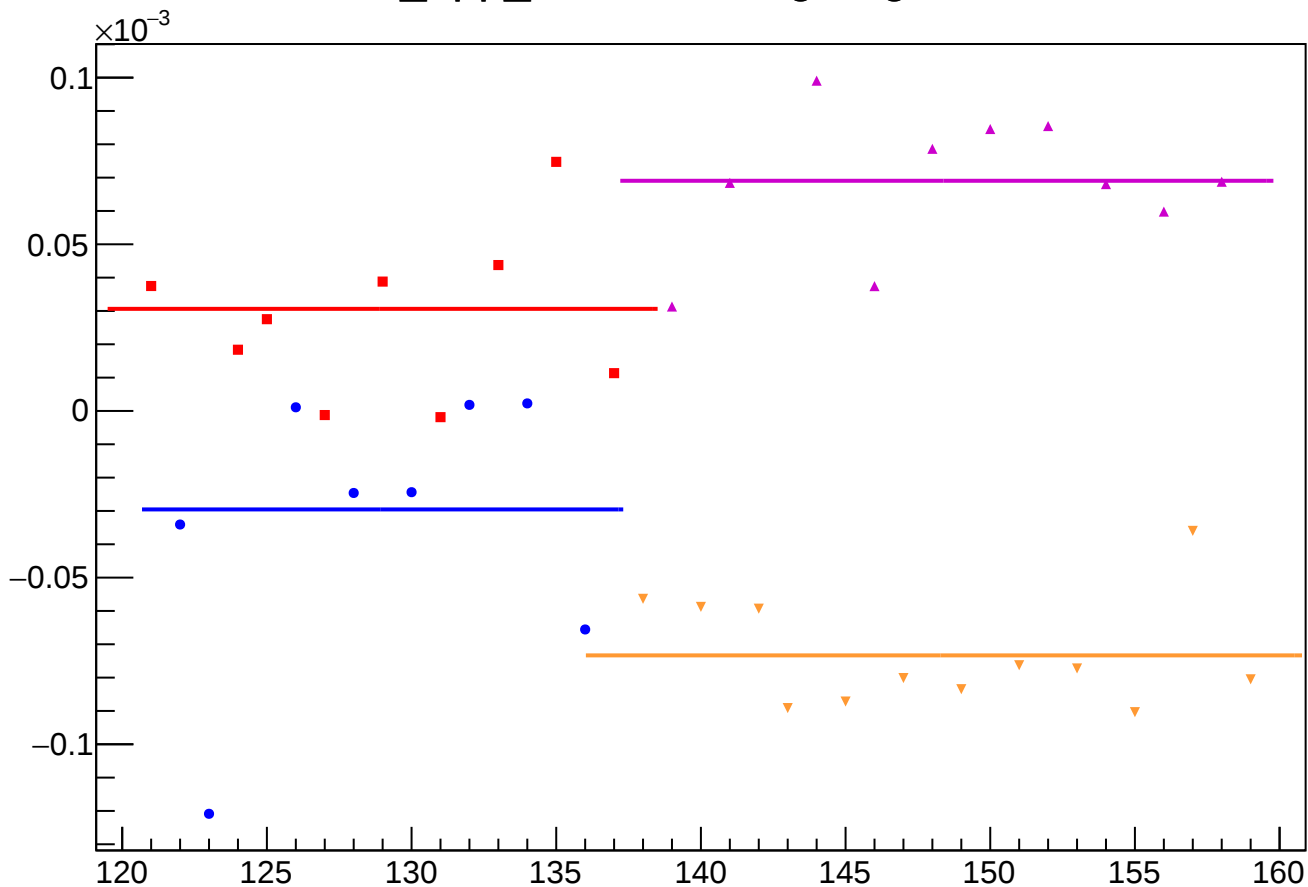
Right In: 2174.572 $\pm$ 0.000 χ^2 /NDF: 1360264074026849381407550448074752.0/7

Left Out: 2174.325 $\pm$ 0.000 χ^2 /NDF: 3143019833291741745158110849269760.0/11

Right Out: -2175.442 $\pm$ 0.000 χ^2 /NDF: 610778445075790556034346524868608.0/8

Left In: -2174.465 $\pm$ 0.000 χ^2 /NDF: 2186938270291196516227819182751744.0/9

HALLA_dpp_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 250161267307815387529216.0/7

Left Out: -0.000+/-0.000 χ^2/NDF : 233286793390563920969728.0/11

Right Out: 0.000+/-0.000 χ^2/NDF : 196732771178766734983168.0/8

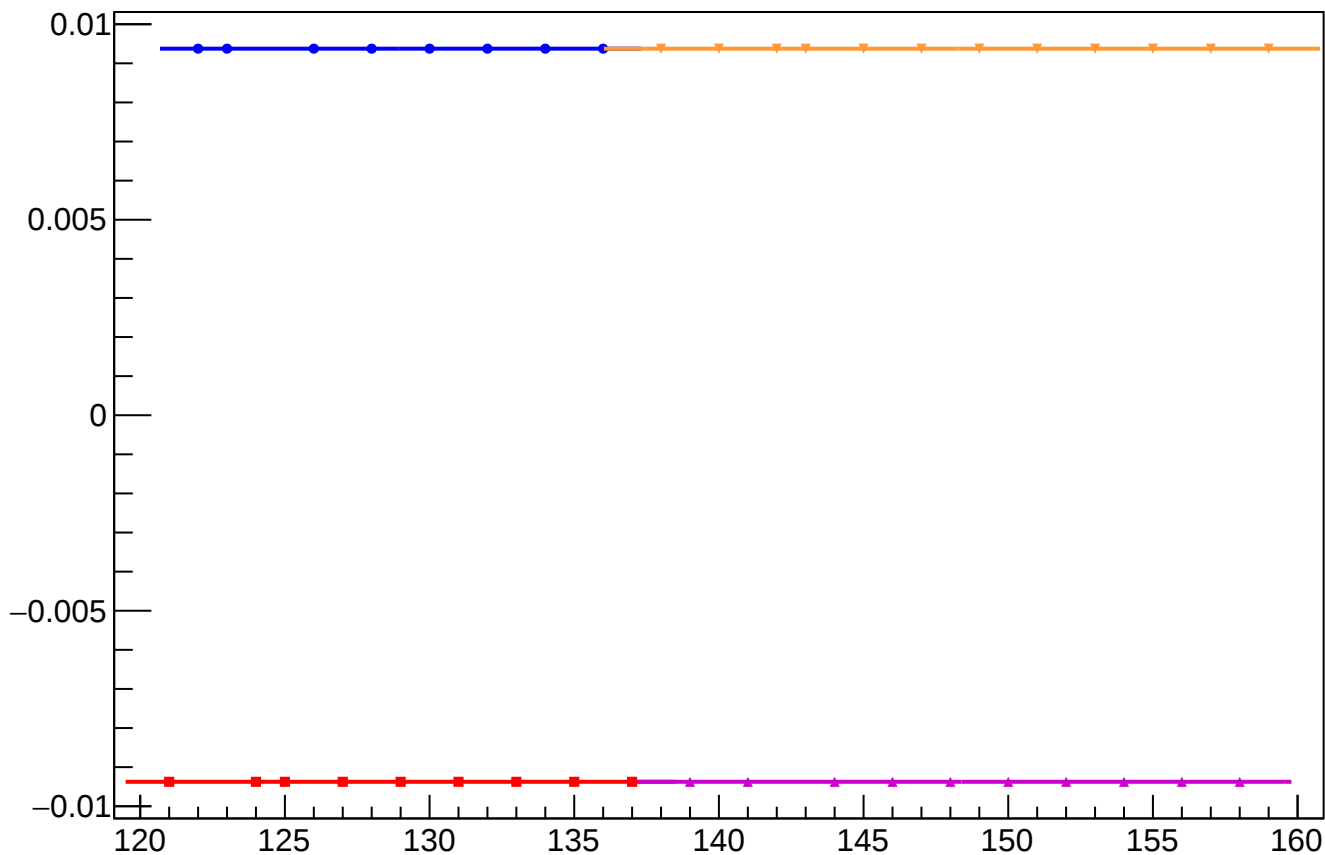
Left In: 0.000+/-0.000 χ^2/NDF : 328595013267659669110784.0/9

-0.000+/-0.000 χ^2/NDF : 962072274271148837

-0.000+/-0.000 χ^2/NDF : 10576658100892

0.000+/-0.000 χ^2/NDF : 8674091270795916979

MQ171LM_mean vs Slug, Sign Corrected



Right In: 0.009 ± 0.000 $\chi^2/\text{NDF}: 0.0/7$

Left Out: 0.009 ± 0.000 $\chi^2/\text{NDF}: 0.0/11$

Right Out: -0.009 ± 0.000 $\chi^2/\text{NDF}: 0.0/8$

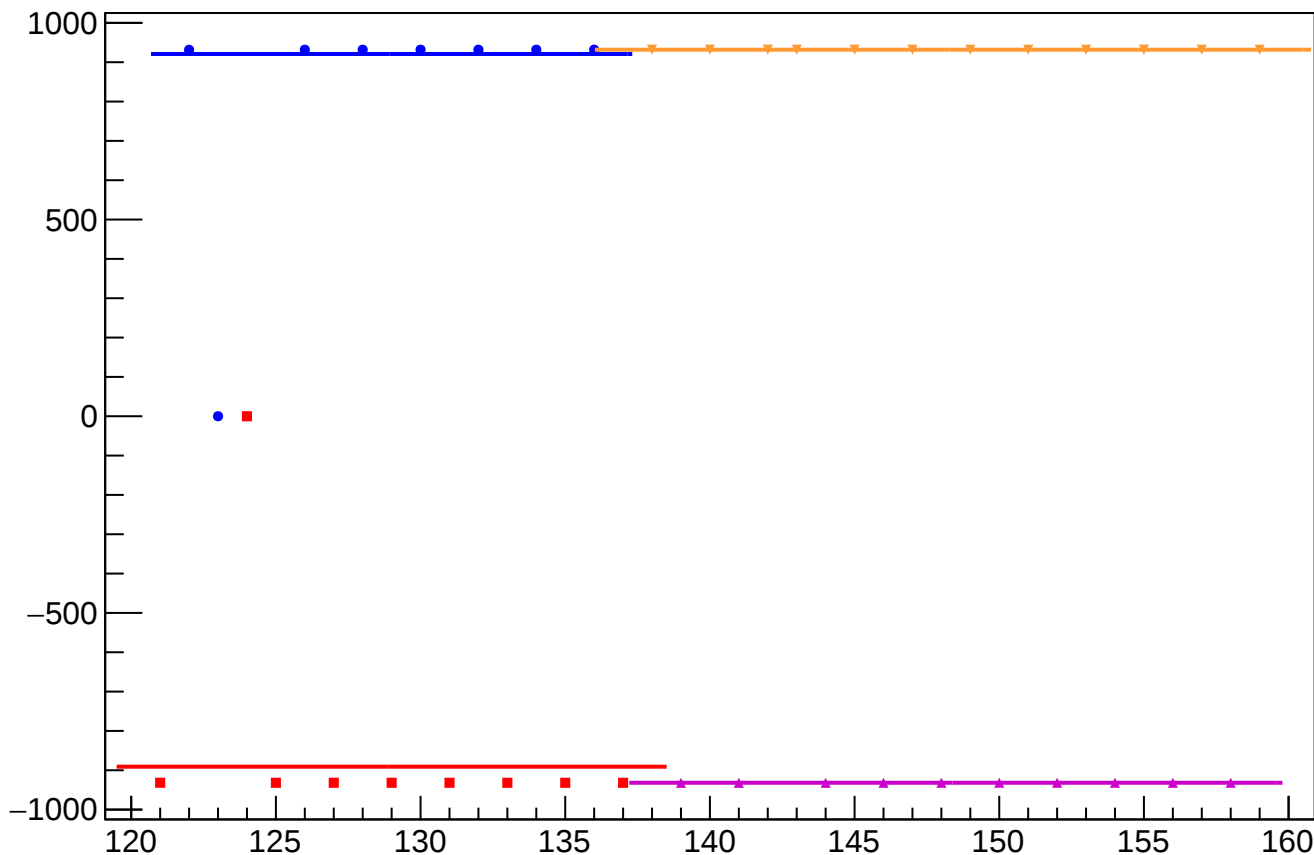
Left In: -0.009 ± 0.000 $\chi^2/\text{NDF}: 0.0/9$

0.009 ± 0.000 $\chi^2/\text{NDF}: 0.1/19$

0.000 ± 0.000 $\chi^2/\text{NDF}: 21338860762746$

-0.009 ± 0.000 $\chi^2/\text{NDF}: 0.1/18$

HacL_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



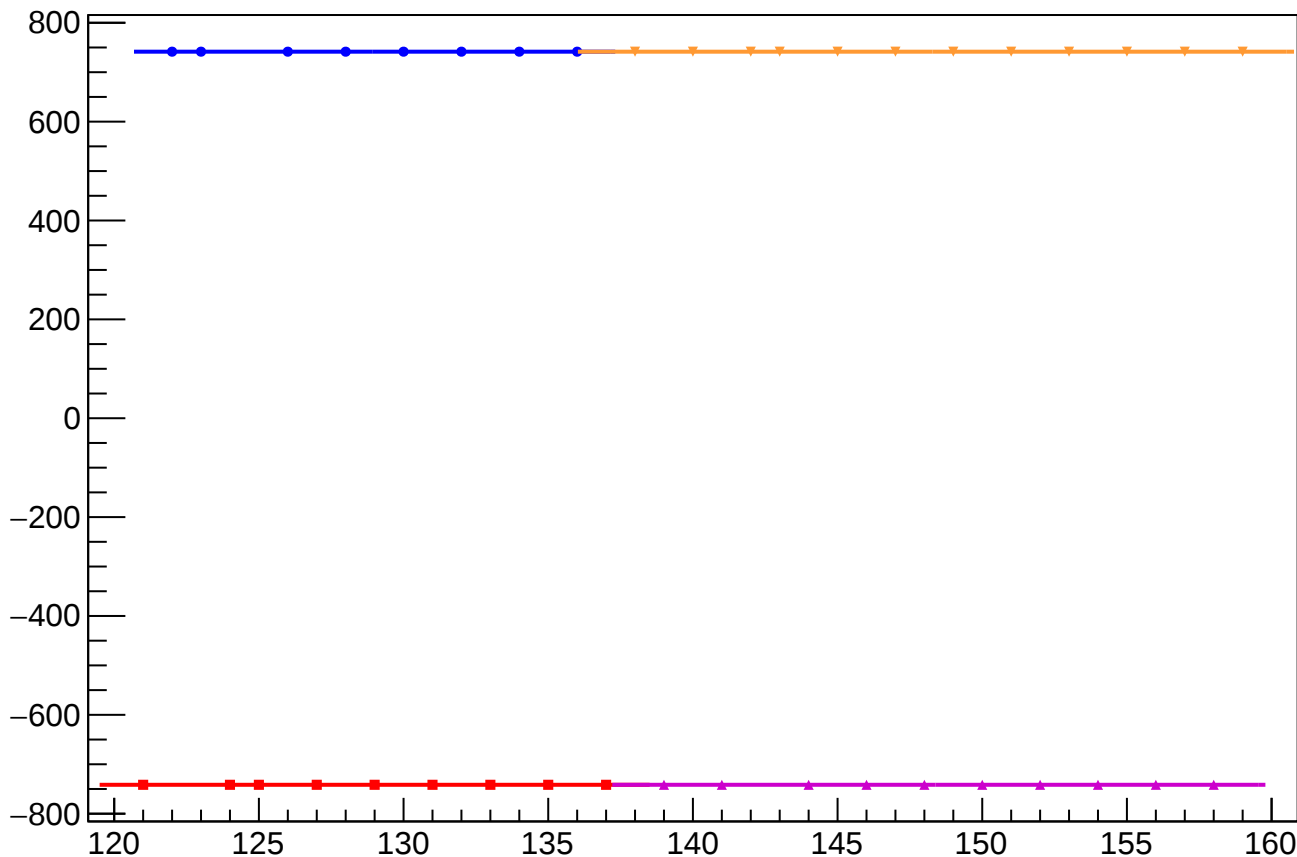
Right In: 920.898+/-0.000 χ^2/NDF : 3432128841951899861299566212080992256.0/7

Left Out: 931.786+/-0.000 χ^2/NDF : 3813823656937081946918271057920.0/11

Right Out: -890.923+/-0.000 χ^2/NDF : 11621671430114409722932854398744788992.0/8

Left In: -931.775+/-0.000 χ^2/NDF : 3231862085785502300413500588032.0/9

HacL_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



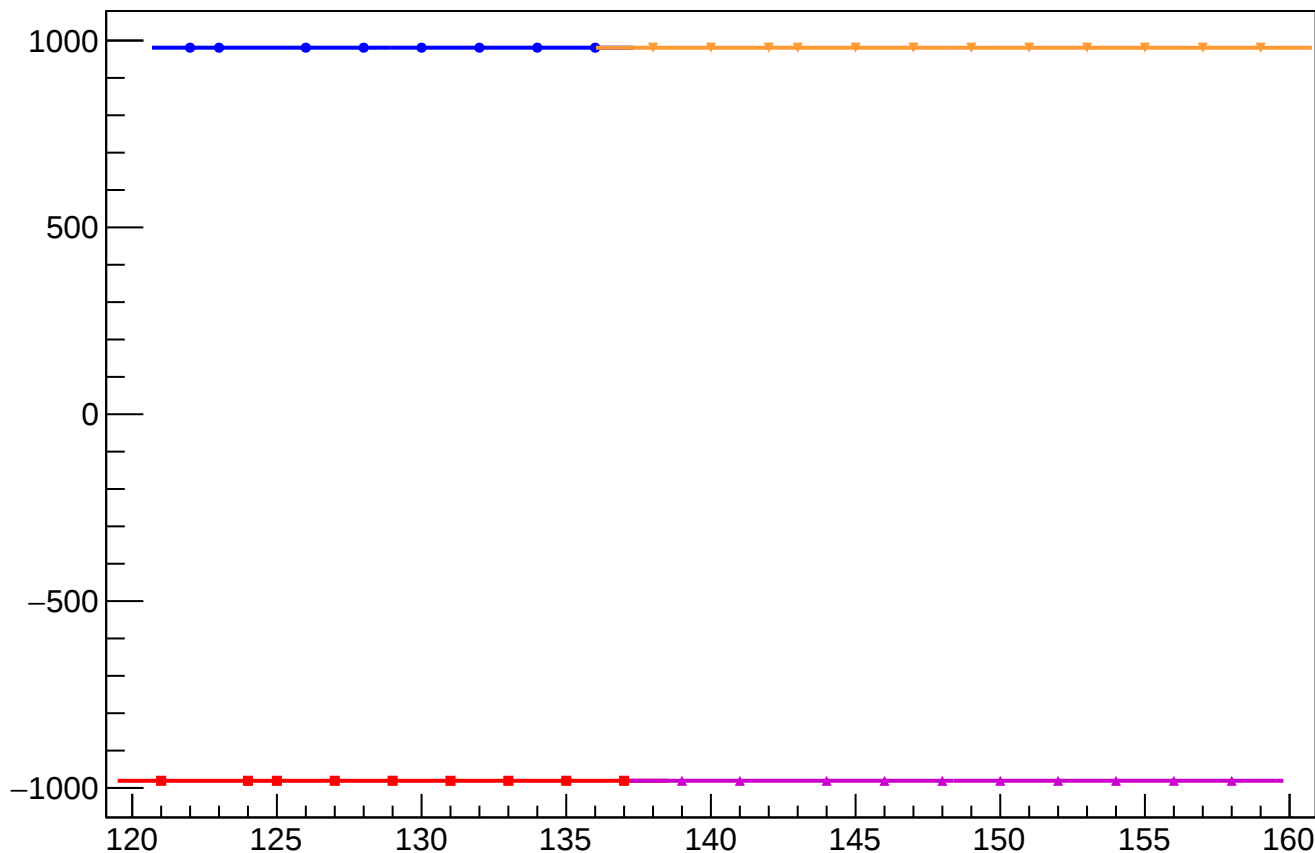
Right In: 741.528+/-0.000 χ^2/NDF : 18896144326732419810052800512.0/7

Left Out: 741.519+/-0.000 χ^2/NDF : 91310701472617275213771440128.0/11

Right Out: -741.529+/-0.000 χ^2/NDF : 16580353917842624420385914880.0/8

Left In: -741.519+/-0.000 χ^2/NDF : 84372652192634558969825722368.0/9

HacL_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 980.825+/-0.000 χ^2/NDF : 159345321268745350954763681792.0/7

Left Out: 980.774+/-0.000 χ^2/NDF : 543209948843266291248744366080.0/11

Right Out: -980.818+/-0.000 χ^2/NDF : 143689912167528137563261894656.0/8

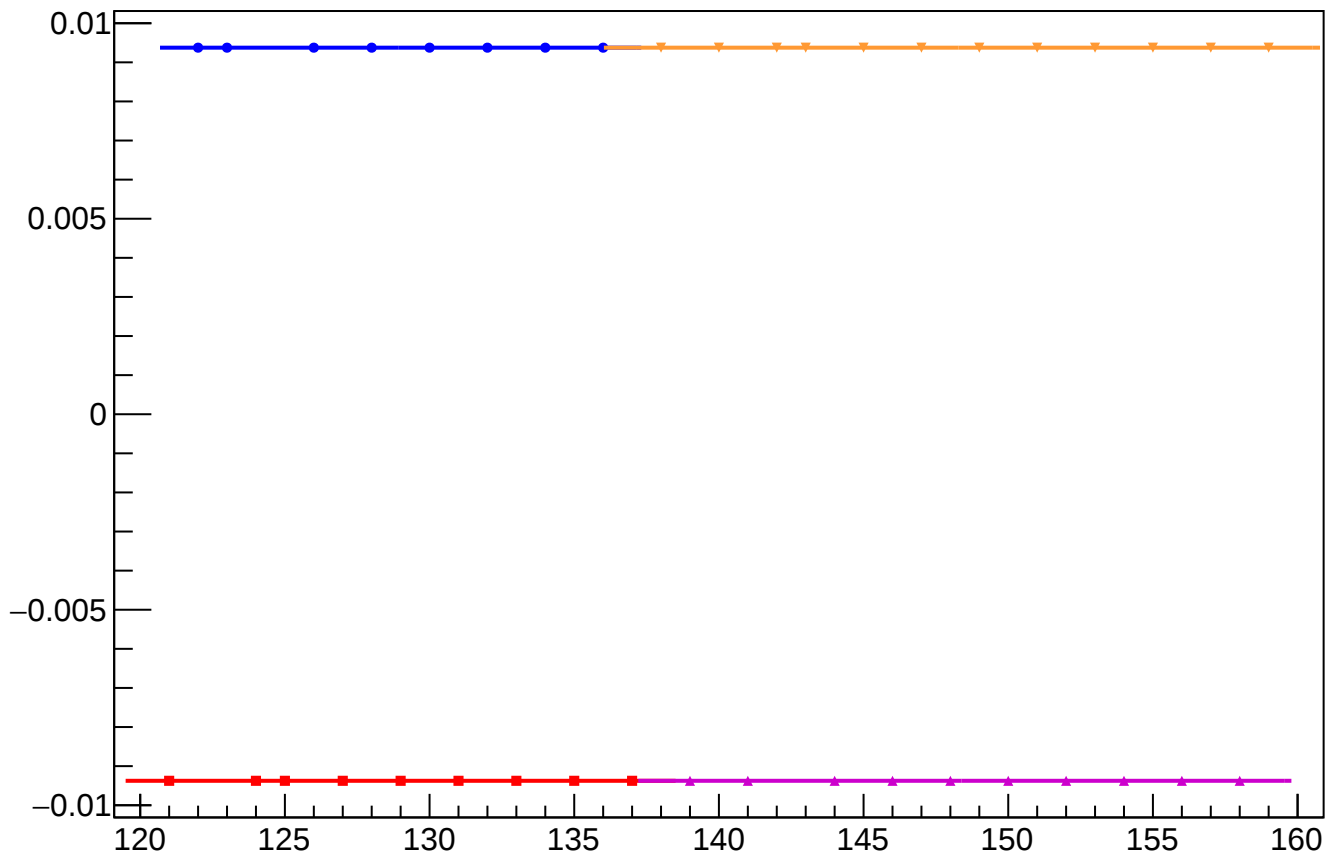
Left In: -980.787+/-0.000 χ^2/NDF : 1029757425064455960986409500672.0/9

980.788+/-0.000 χ^2/NDF : 13550937589055703

40.325+/-0.000 χ^2/NDF : 2335513810320

-980.796+/-0.000 χ^2/NDF : 1391259506371367

MQ172RM_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 $\chi^2/\text{NDF}: 0.0/7$

Left Out: 0.009 $\pm$ 0.000 $\chi^2/\text{NDF}: 0.0/11$

Right Out: -0.009 $\pm$ 0.000 $\chi^2/\text{NDF}: 0.0/8$

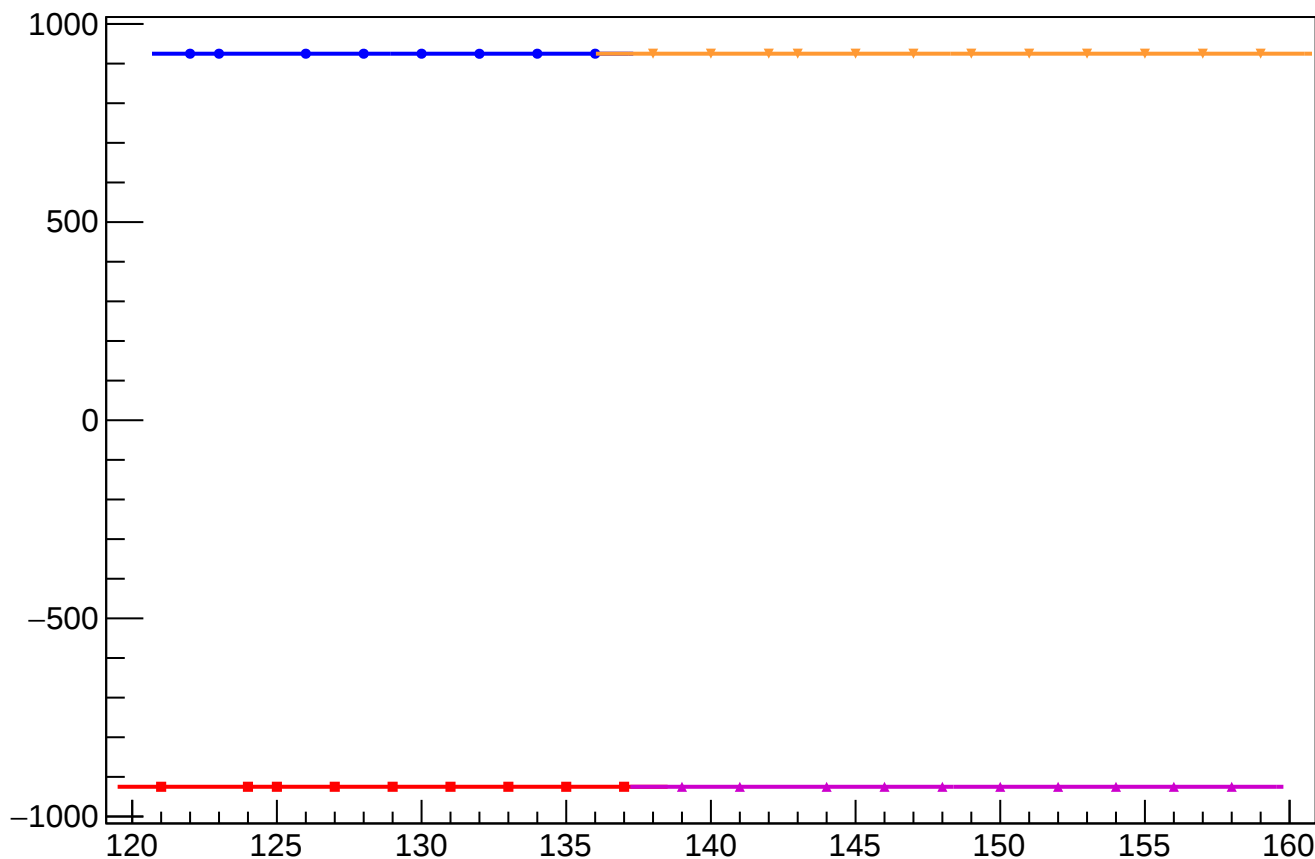
Left In: -0.009 $\pm$ 0.000 $\chi^2/\text{NDF}: 0.0/9$

0.009 $\pm$ 0.000 $\chi^2/\text{NDF}: 0.1/19$

0.000 $\pm$ 0.000 $\chi^2/\text{NDF}: 21338860762746$

-0.009 $\pm$ 0.000 $\chi^2/\text{NDF}: 0.1/18$

HacR_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 924.939+/-0.000 χ^2/NDF : 1401458495809517406218388242432.0/7

Left Out: 924.993+/-0.000 χ^2/NDF : 549443129840138855100528459776.0/11

Right Out: -924.957+/-0.000 χ^2/NDF : 71808709366506786060310151168.0/8

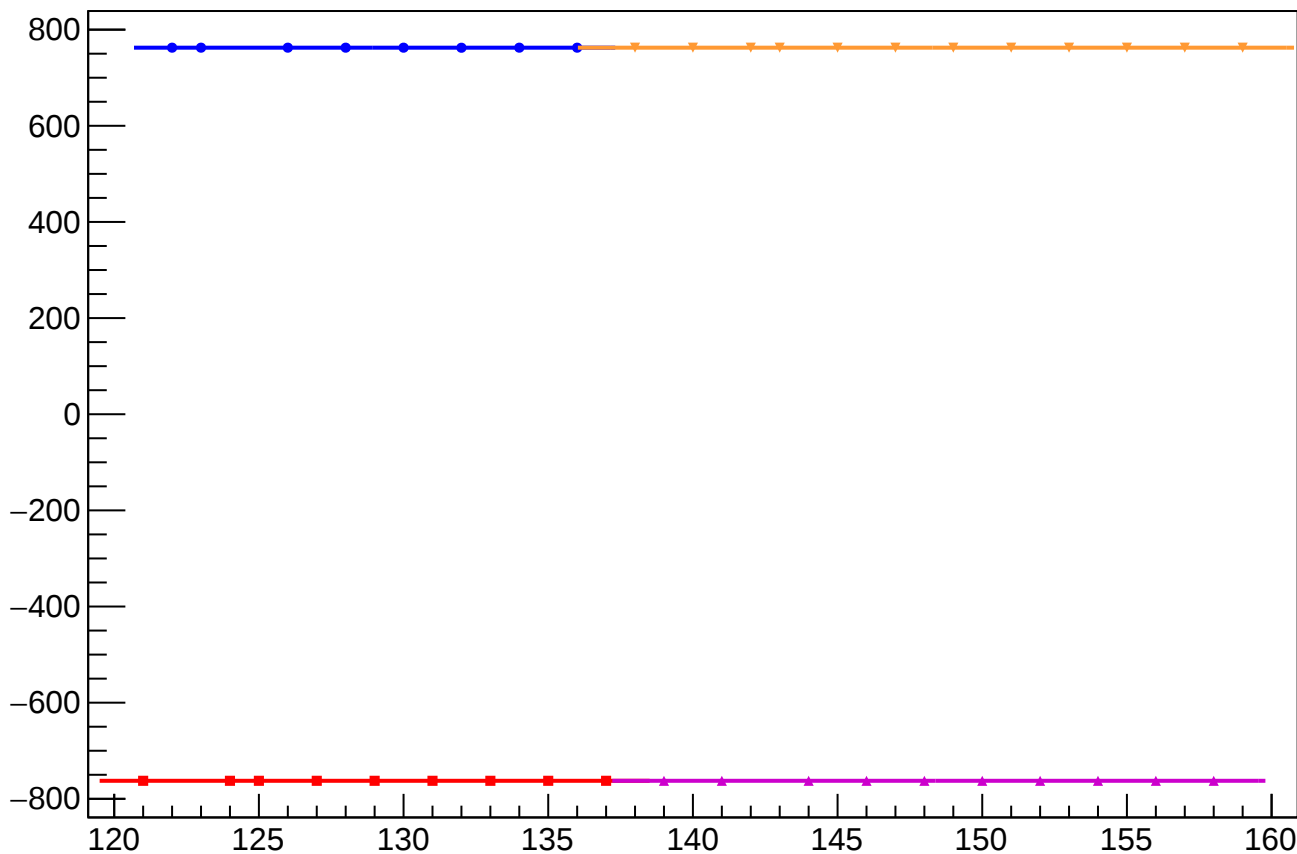
Left In: -924.995+/-0.000 χ^2/NDF : 451191728802407898905300697088.0/9

924.979+/-0.000 χ^2/NDF : 26741243866187667

38.031+/-0.000 χ^2/NDF : 2077280007207

-924.985+/-0.000 χ^2/NDF : 8613595939497777

HacR_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 762.484+/-0.000 χ^2/NDF : 784430761251084401798891438080.0/7

Left Out: 762.500+/-0.000 χ^2/NDF : 79688451514806626221874479104.0/11

Right Out: -762.501+/-0.000 χ^2/NDF : 469794702848036819563446272.0/8

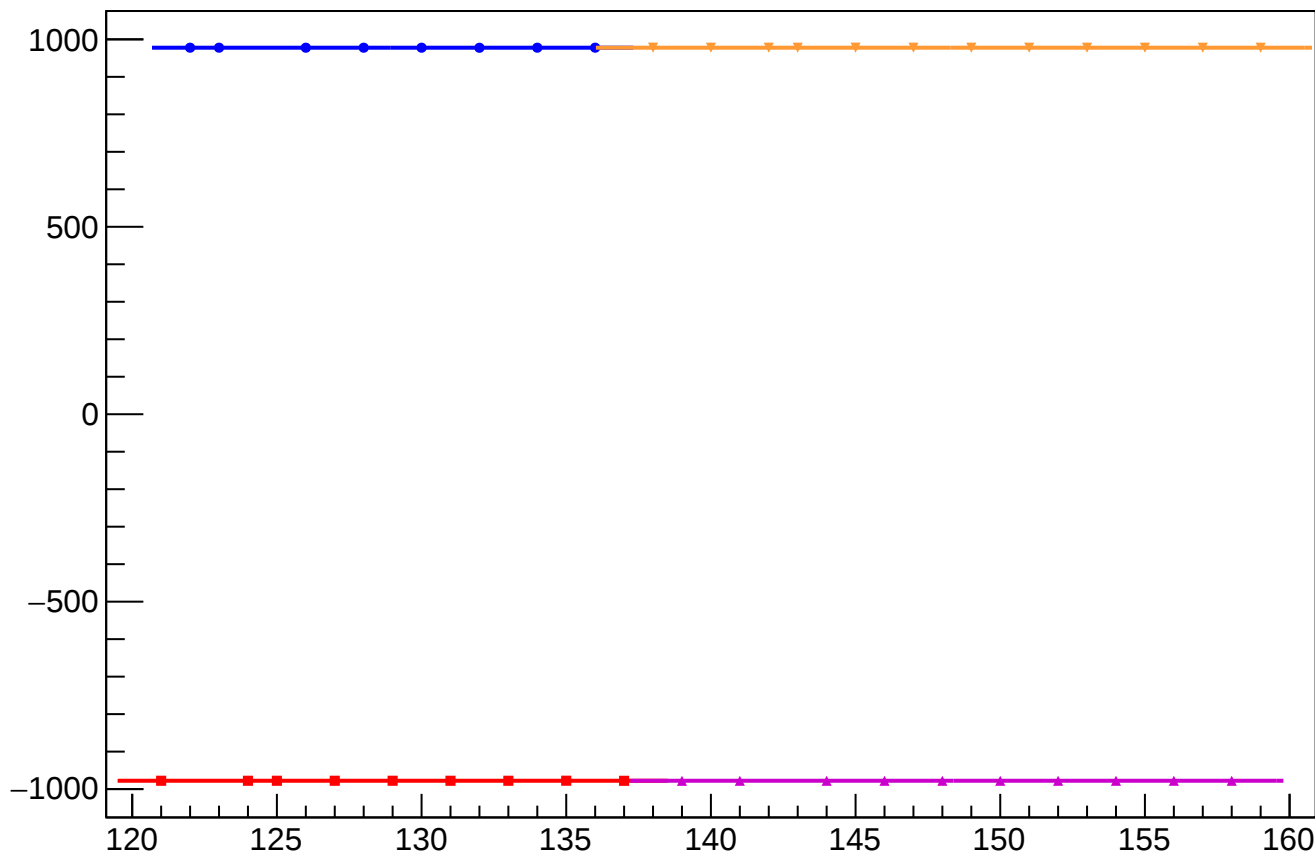
Left In: -762.501+/-0.000 χ^2/NDF : 60521561148140970186807181312.0/9

762.495+/-0.000 χ^2/NDF : 93005886270097854

31.350+/-0.000 χ^2/NDF : 1411583460424

-762.501+/-0.000 χ^2/NDF : 6100502153616345

HacR_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 977.741+/-0.000 χ^2/NDF : 1738104571804792841781326643200.0/7

Left Out: 977.748+/-0.000 χ^2/NDF : 910243424253634517896863416320.0/11

Right Out: -977.737+/-0.000 χ^2/NDF : 772313054358211830610902646784.0/8

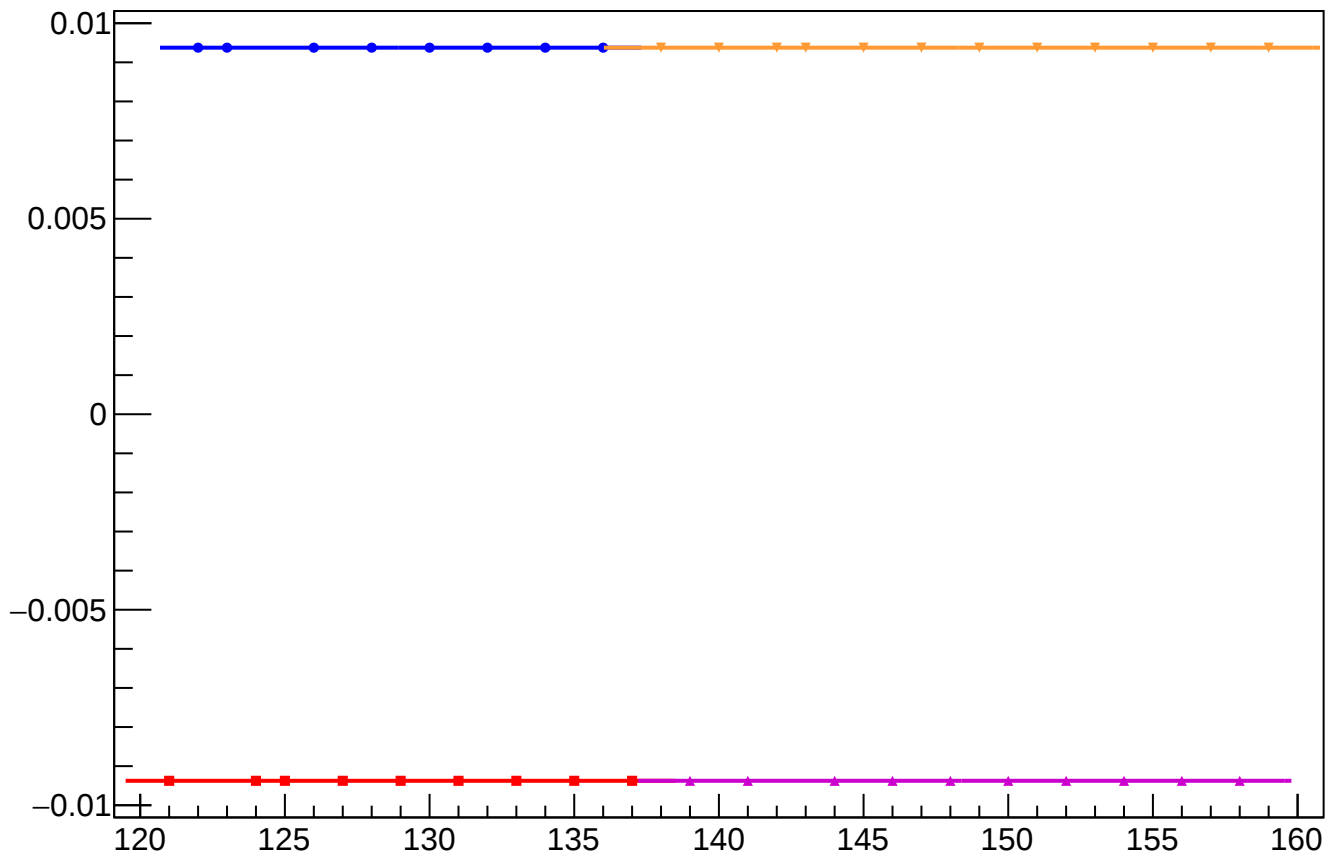
Left In: -977.743+/-0.000 χ^2/NDF : 813116726428569036184325455872.0/9

977.746+/-0.000 χ^2/NDF : 26601743234024613

40.205+/-0.000 χ^2/NDF : 2321019223619

-977.742+/-0.000 χ^2/NDF : 1594714344397536

hesDipole_current_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/7

Left Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/11

Right Out: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

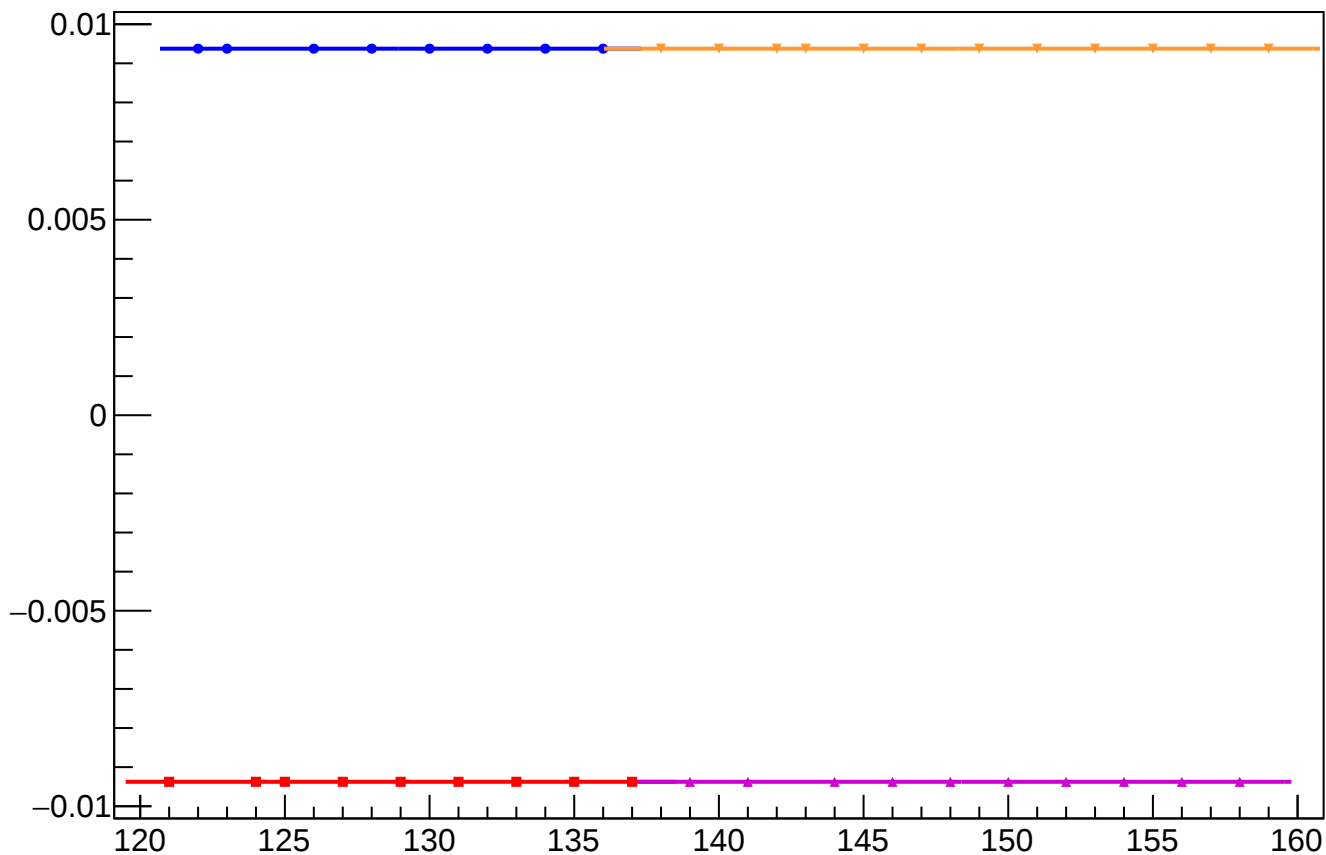
Left In: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/9

0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/19

0.000 $\pm$ 0.000 χ^2 /NDF: 21338860762746

-0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/18

MSUPERBIGBITereadcalc_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/7

Left Out: 0.009+/-0.000 χ^2/NDF : 0.0/11

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/8

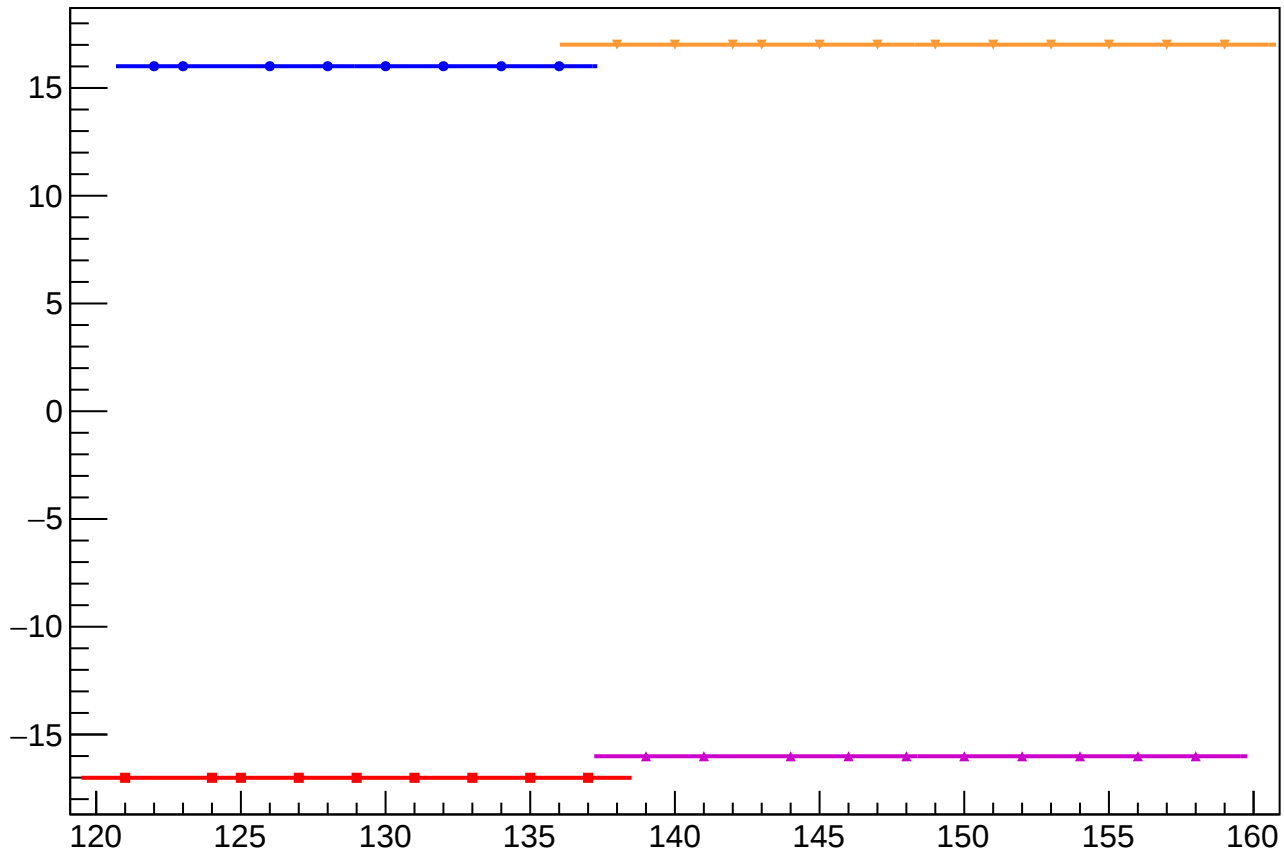
Left In: -0.009+/-0.000 χ^2/NDF : 0.0/9

0.009+/-0.000 χ^2/NDF : 0.1/19

0.000+/-0.000 χ^2/NDF : 21338860762746

-0.009+/-0.000 χ^2/NDF : 0.1/18

IGL1I00DI24_24M_mean vs Slug, Sign Corrected



Right In: 16.009 $\pm$ 0.000 χ^2 /NDF: 30506.8/7

Left Out: 17.009 $\pm$ 0.000 χ^2 /NDF: 10208307372129150314741760.0/11

Right Out: -17.009 $\pm$ 0.000 χ^2 /NDF: 8333578329558812540796928.0/8

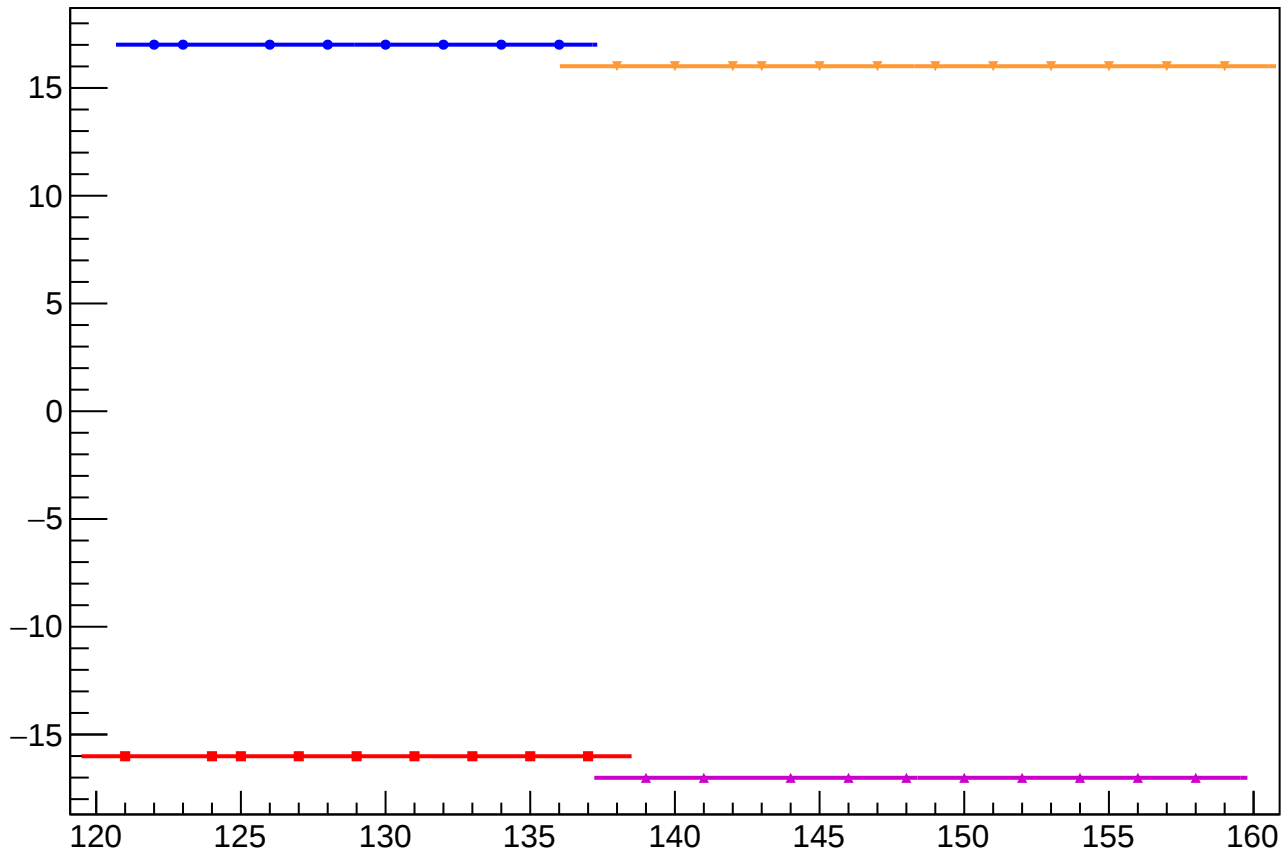
Left In: -16.009 $\pm$ 0.000 χ^2 /NDF: 28714.5/9

16.733 $\pm$ 0.000 χ^2 /NDF: 228489529718113967

0.548 $\pm$ 0.000 χ^2 /NDF: 61067804272552

-16.284 $\pm$ 0.000 χ^2 /NDF: 21887735746840464

IGL1I00OD16_16_mean vs Slug, Sign Corrected



Right In: 17.009 $\pm$ 0.000 χ^2/NDF : 76109.3/7

Left Out: 16.009 $\pm$ 0.000 χ^2/NDF : 39821.7/11

Right Out: -16.009 $\pm$ 0.000 χ^2/NDF : 17859.8/8

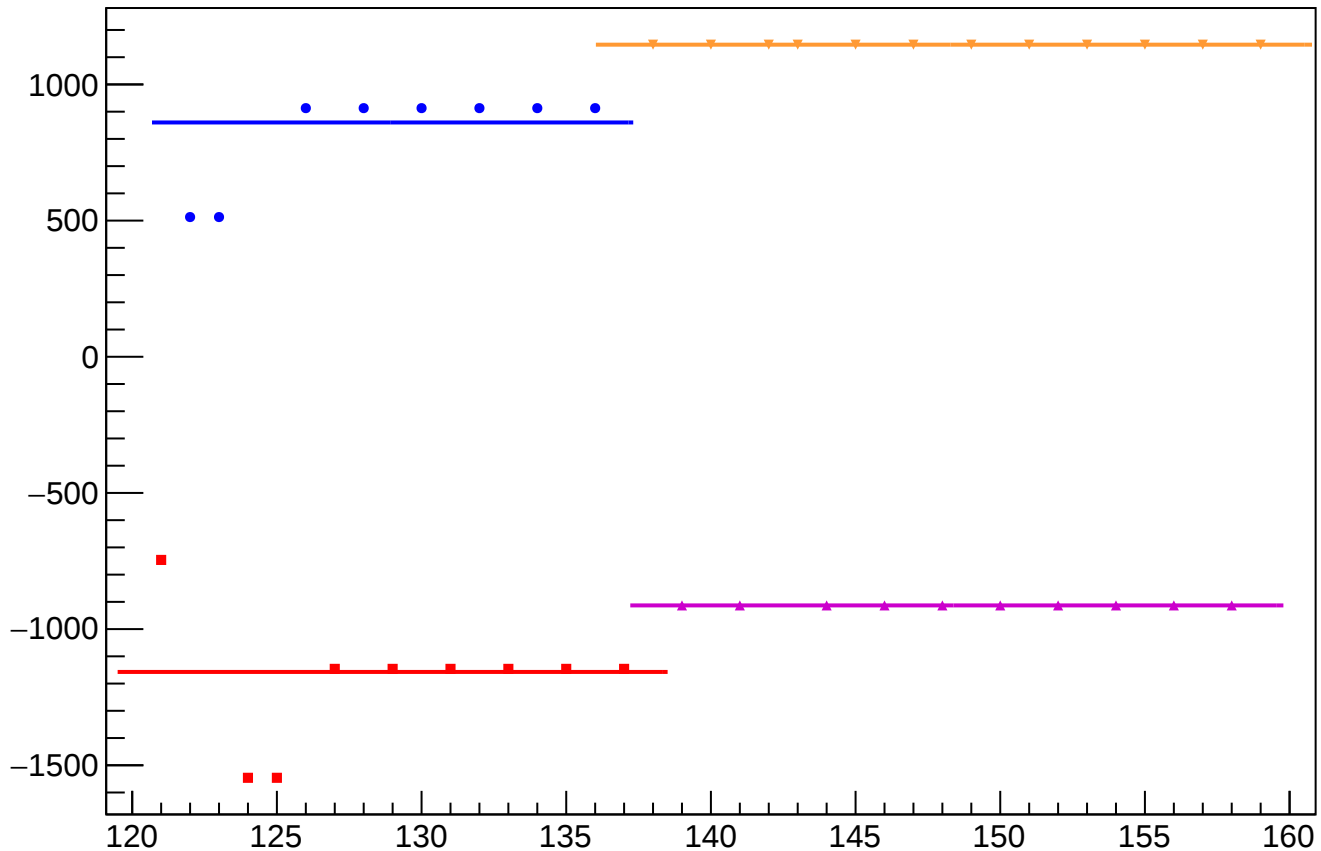
Left In: -17.009 $\pm$ 0.000 χ^2/NDF : 6942.0/9

16.281 $\pm$ 0.000 χ^2/NDF : 249023847376784318

0.399 $\pm$ 0.000 χ^2/NDF : 66014425555145

-16.736 $\pm$ 0.000 χ^2/NDF : 23172641509431776

RTPAPOSUCNT_mean vs Slug, Sign Corrected



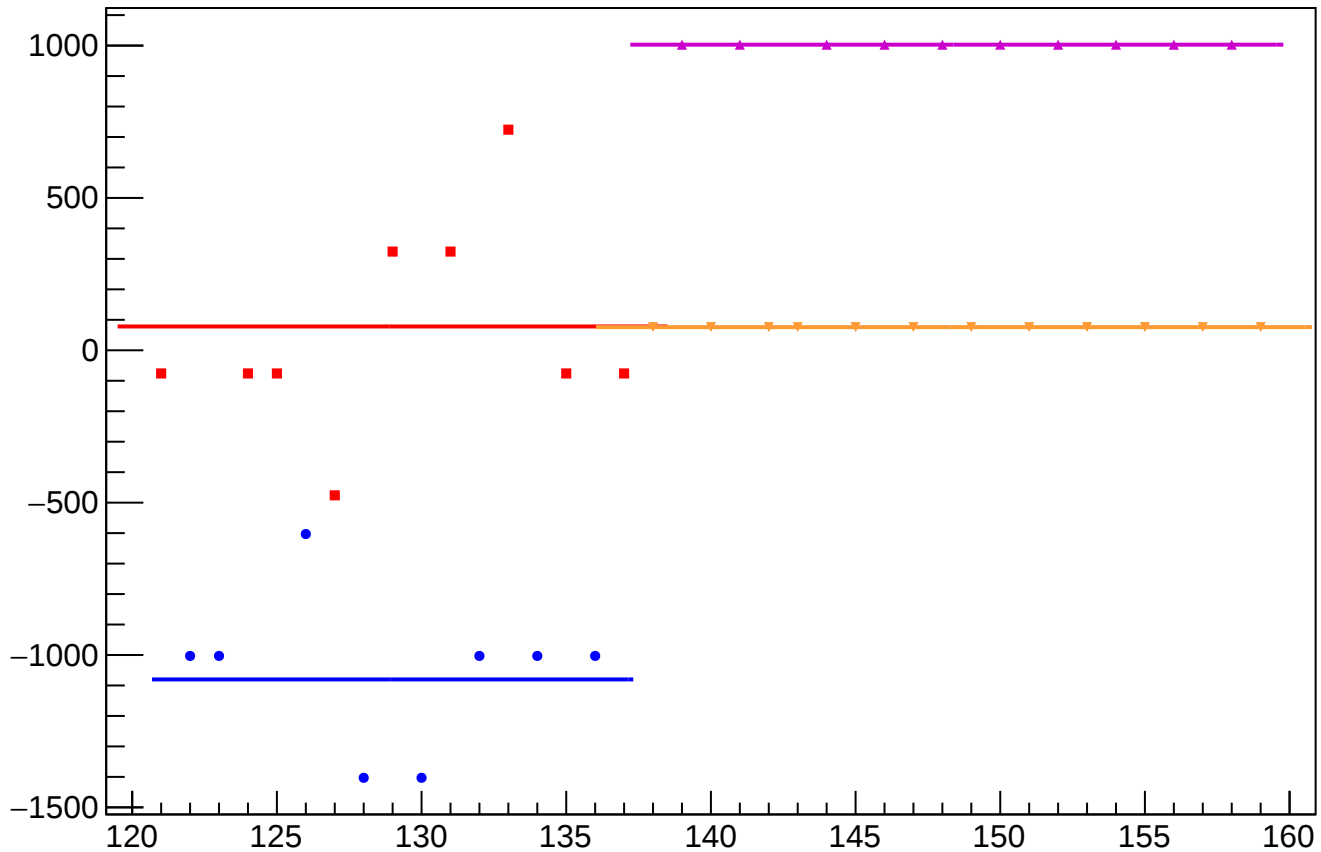
Right In: 860.361+/-0.000 χ^2/NDF : 6252693455178703850651720460594577408.0/7

Left Out: 1146.011+/-0.000 χ^2/NDF : 2664672947345146801672945664.0/11

Right Out: -1157.295+/-0.000 χ^2/NDF : 13880040120623316310083946144856014848.0/8

Left In: -912.994+/-0.000 χ^2/NDF : 10889381656170750382977318912.0/9

RTPAPOSVCNT_mean vs Slug, Sign Corrected



Right In: -1080.182+/-0.000 χ^2/NDF : 21641787691490496475350584298794123264.0/7

Left Out: 76.011+/-0.000 χ^2/NDF : 4212185533395648511756730368.0/11

Right Out: 78.224+/-0.000 χ^2/NDF : 39611265375063350144036471826150326272.0/8

Left In: 1002.990+/-0.000 χ^2/NDF : 1209102455159928353309327360.0/9