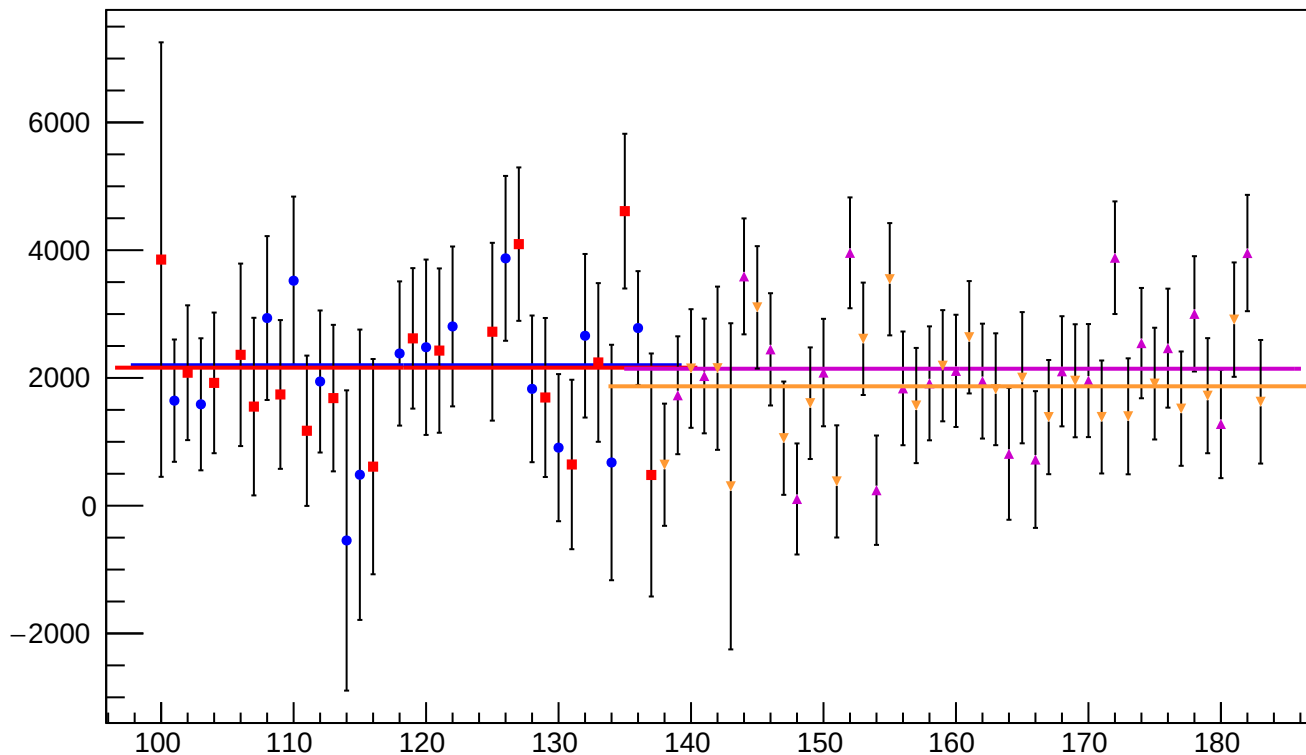


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1869.020+/-189.692

Right Out: 2160.742+/-303.587

Left In: 2144.068+/-190.906

χ^2/NDF : 8.6/15

χ^2/NDF : 15.5/23

χ^2/NDF : 11.7/17

χ^2/NDF : 31.5/21

Left: 2005.667+/-134.560

Right: 2179.612+/-215.784

In: 2159.369+/-162.083

Out: 1950.933+/-160.870

All: 2054.369+/-114.179

χ^2/NDF : 48.0/45

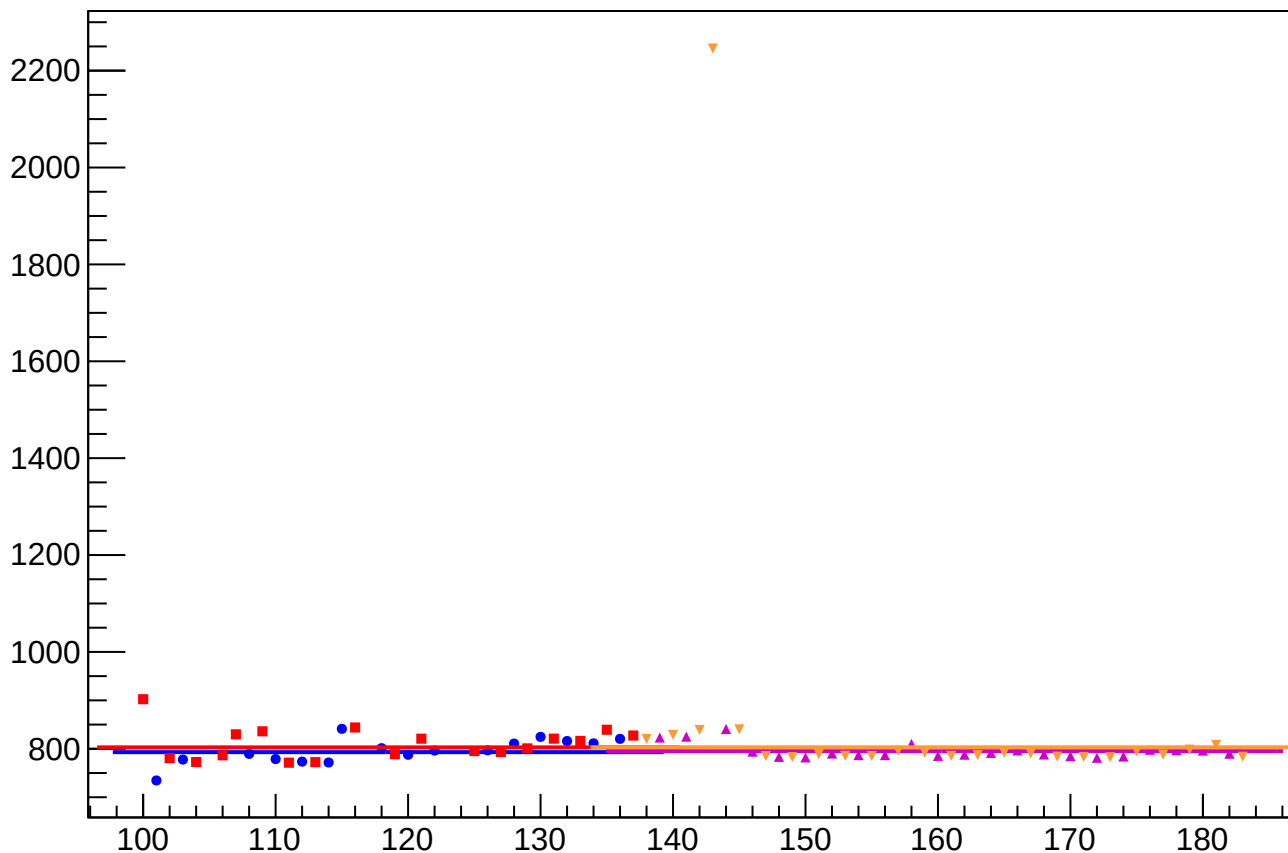
χ^2/NDF : 20.3/33

χ^2/NDF : 40.1/37

χ^2/NDF : 27.8/41

χ^2/NDF : 68.8/79

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 793.091 ± 0.217 χ^2/NDF : 14703.0/15

Left Out: 803.030 ± 0.134 χ^2/NDF : 656539.2/23

Right Out: 802.946 ± 0.215 χ^2/NDF : 14445.6/17

Left In: 795.283 ± 0.135 χ^2/NDF : 12722.4/21

Left: 799.181 ± 0.095 χ^2/NDF : 670918.9/45

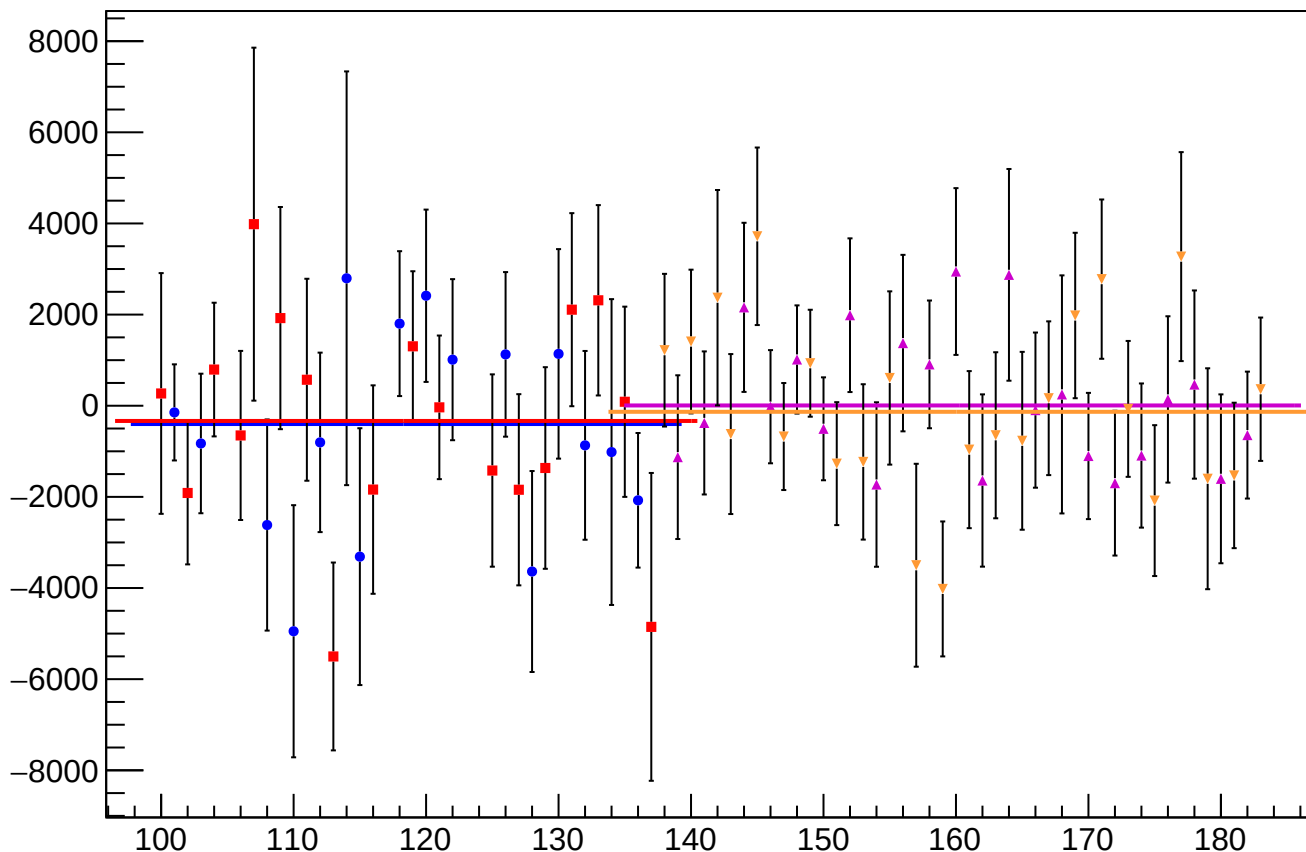
Right: 798.070 ± 0.153 χ^2/NDF : 30191.5/33

In: 794.671 ± 0.115 χ^2/NDF : 27499.1/37

Out: 803.006 ± 0.114 χ^2/NDF : 670984.9/41

All: 798.870 ± 0.081 χ^2/NDF : 701148.6/79

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.464 $\pm$ 468.669 χ^2 /NDF: 14.8/15

Left Out: -133.078 $\pm$ 339.805 χ^2 /NDF:27.6/23

Right Out: -333.998 $\pm$ 478.476 χ^2 /NDF: 17.5/17

Left In: 6.133 $\pm$ 343.067 χ^2 /NDF:14.1/21

Left: -64.137 $\pm$ 241.423 χ^2 /NDF: 41.8/45

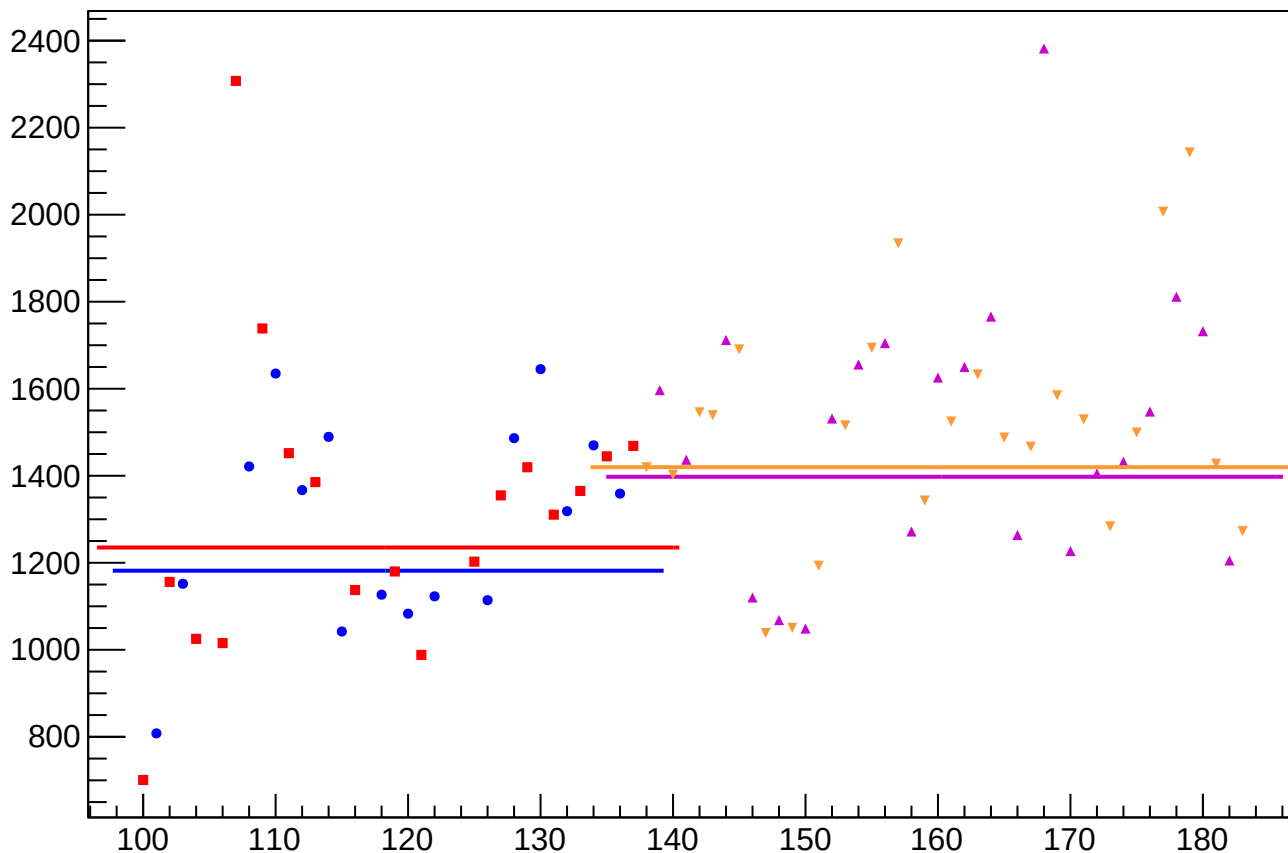
Right: -368.430 $\pm$ 334.812 χ^2 /NDF: 32.3/33

In: -136.071 $\pm$ 276.826 χ^2 /NDF:29.4/37

Out: -200.439 $\pm$ 277.047 χ^2 /NDF:45.2/41

All: -168.230 $\pm$ 195.824 χ^2 /NDF: 74.7/79

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1181.767 $\pm$ 0.331 χ^2 /NDF: 543493.3/15

Left Out: 1419.758 $\pm$ 0.240 χ^2 /NDF: 1090521.2/23

Right Out: 1235.094 $\pm$ 0.338 χ^2 /NDF: 540252.3/17

Left In: 1397.637 $\pm$ 0.243 χ^2 /NDF: 1289600.6/21

Left: 1408.803 $\pm$ 0.171 χ^2 /NDF: 2384319.4/45

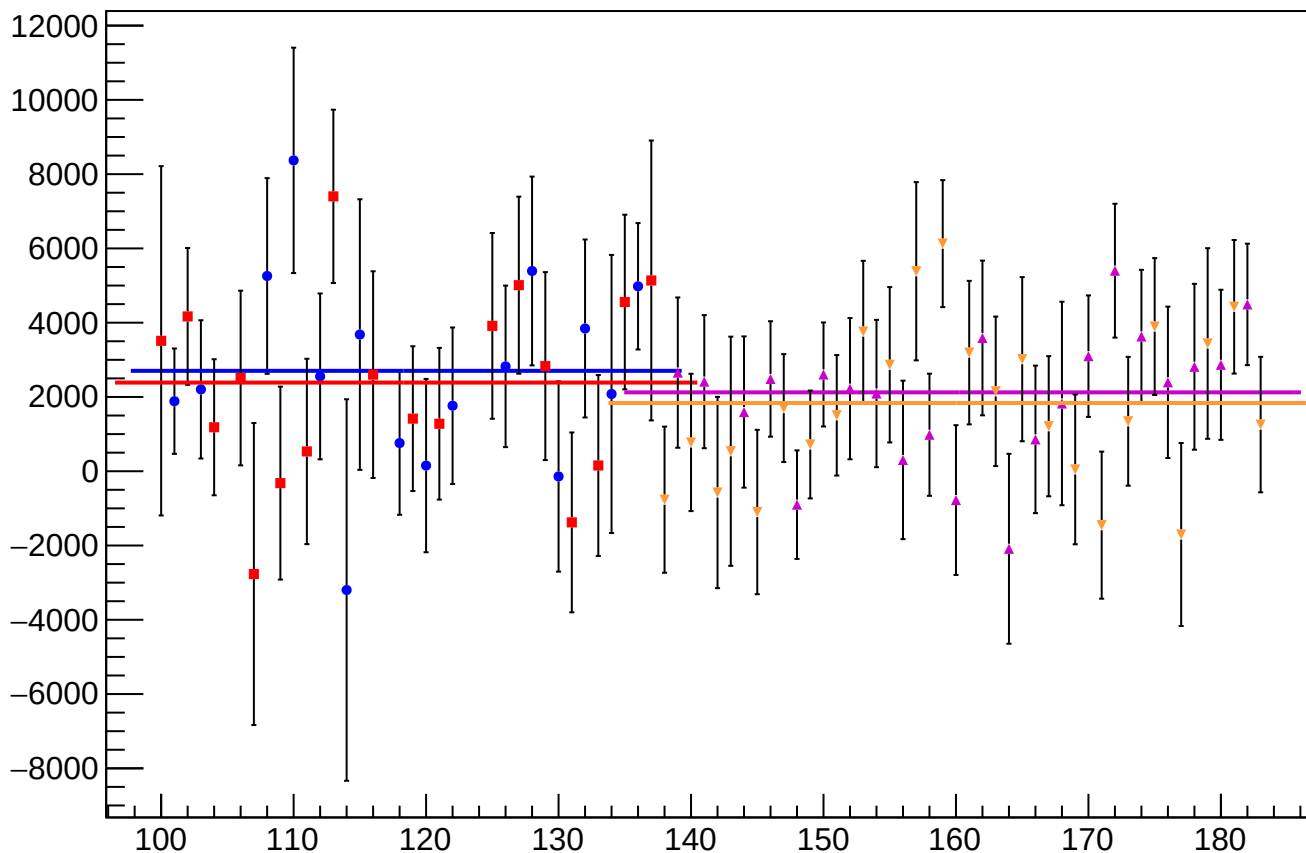
Right: 1207.878 $\pm$ 0.237 χ^2 /NDF: 1096424.2/33

In: 1322.323 $\pm$ 0.196 χ^2 /NDF: 2109367.6/37

Out: 1357.847 $\pm$ 0.196 χ^2 /NDF: 1828801.0/41

All: 1340.071 $\pm$ 0.138 χ^2 /NDF: 3954622.6/79

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2703.689 $\pm$ 564.506 χ^2/NDF : 13.0/15

Left Out: 1837.845 $\pm$ 394.907 χ^2/NDF : 25.7/23

Right Out: 2387.341 $\pm$ 569.264 χ^2/NDF : 16.1/17

Left In: 2123.927 $\pm$ 395.993 χ^2/NDF : 18.2/21

Left: 1980.493 $\pm$ 279.625 χ^2/NDF : 44.2/45

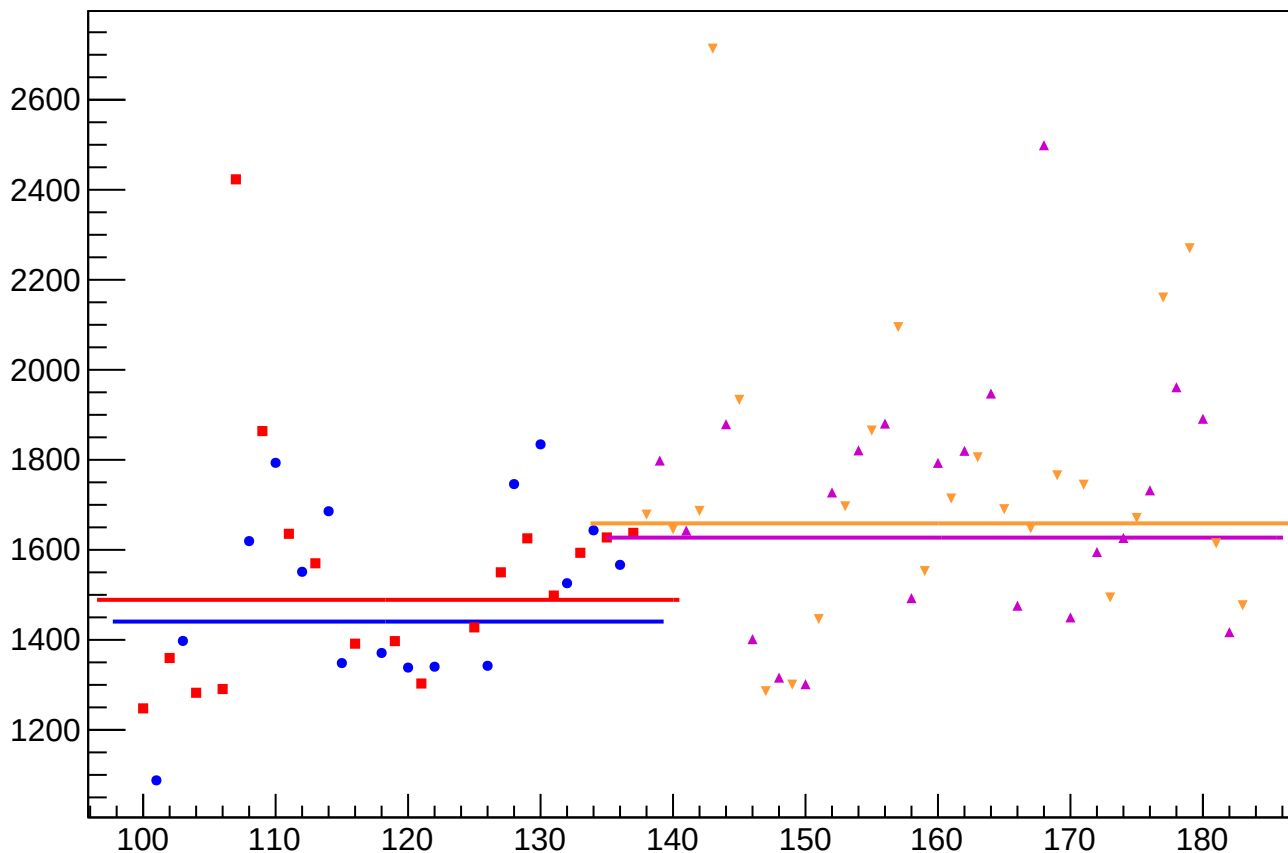
Right: 2546.843 $\pm$ 400.838 χ^2/NDF : 29.3/33

In: 2315.130 $\pm$ 324.184 χ^2/NDF : 32.0/37

Out: 2016.371 $\pm$ 324.476 χ^2/NDF : 42.4/41

All: 2165.885 $\pm$ 229.336 χ^2/NDF : 74.8/79

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1440.653 $\pm$ 0.399 χ^2 /NDF: 282262.6/15

Left Out: 1658.850 $\pm$ 0.279 χ^2 /NDF: 904342.3/23

Right Out: 1488.944 $\pm$ 0.403 χ^2 /NDF: 256842.6/17

Left In: 1627.156 $\pm$ 0.280 χ^2 /NDF: 769647.2/21

Left: 1643.047 $\pm$ 0.198 χ^2 /NDF: 1680412.8/45

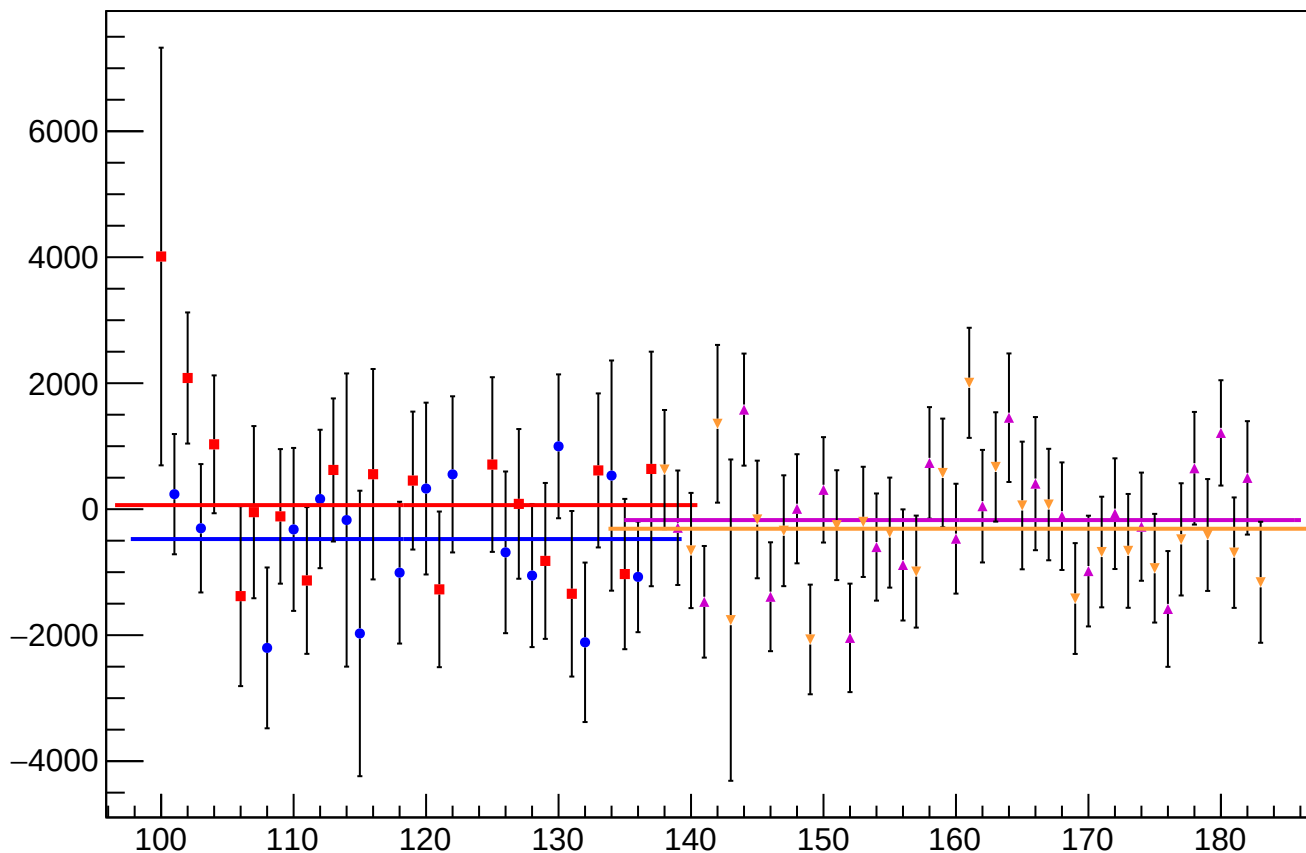
Right: 1464.596 $\pm$ 0.283 χ^2 /NDF: 546361.9/33

In: 1565.648 $\pm$ 0.229 χ^2 /NDF: 1198220.6/37

Out: 1603.649 $\pm$ 0.229 χ^2 /NDF: 1281465.1/41

All: 1584.632 $\pm$ 0.162 χ^2 /NDF: 2493413.9/79

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -474.136+/-303.914 χ^2/NDF : 8.9/15

Left Out: -310.493+/-187.769 χ^2/NDF :21.1/23

Right Out: 64.684+/-298.395 χ^2/NDF : 12.7/17

Left In: -172.901+/-189.054 χ^2/NDF :25.5/21

Left: -242.166+/-133.225 χ^2/NDF : 46.8/45

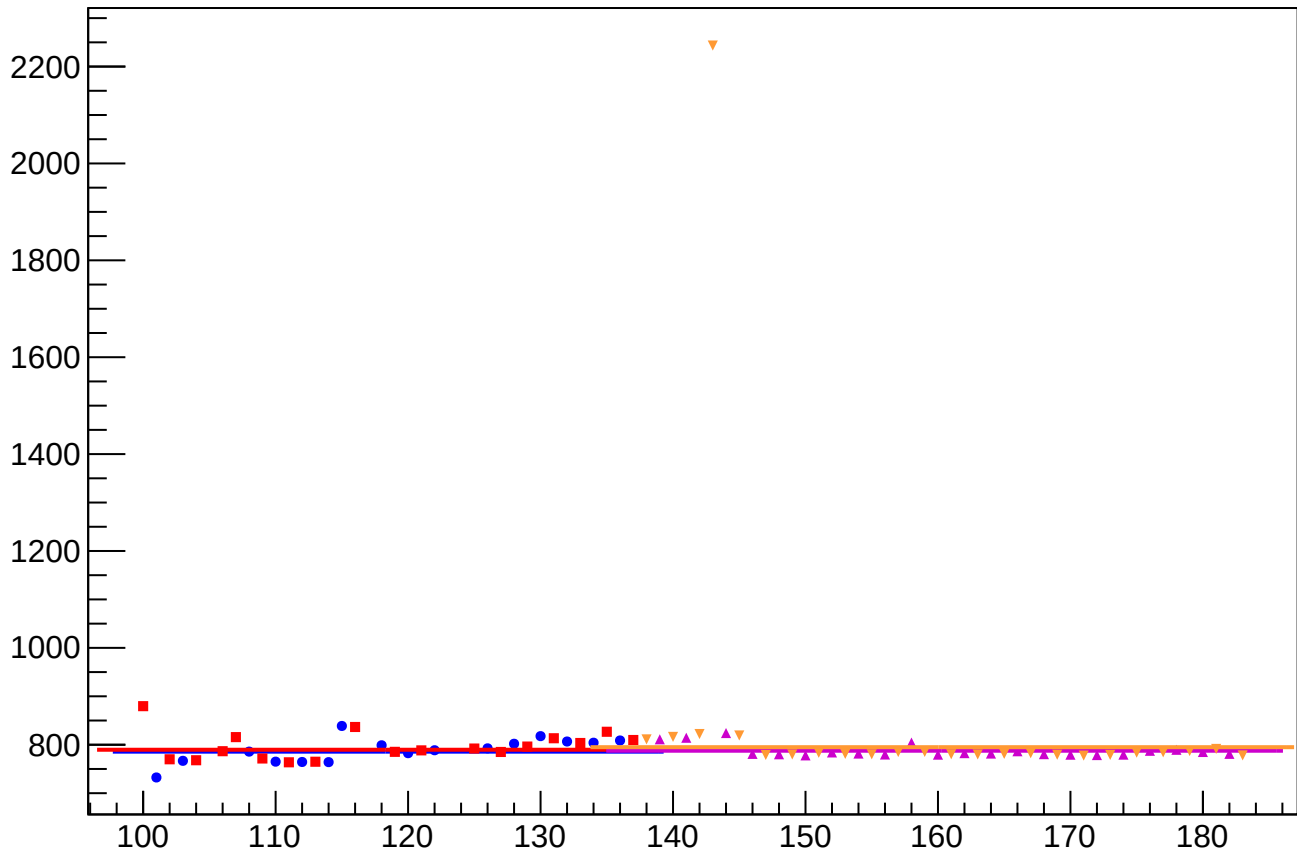
Right: -199.789+/-212.921 χ^2/NDF : 23.2/33

In: -256.946+/-160.529 χ^2/NDF :35.0/37

Out: -204.073+/-158.923 χ^2/NDF :34.9/41

All: -230.243+/-112.939 χ^2/NDF : 70.0/79

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 785.746+/-0.215 χ^2/NDF : 13921.5/15

Left Out: 794.957+/-0.133 χ^2/NDF : 657551.1/23

Right Out: 789.675+/-0.211 χ^2/NDF : 11010.0/17

Left In: 787.651+/-0.134 χ^2/NDF : 9194.2/21

Left: 791.329+/-0.094 χ^2/NDF : 668249.0/45

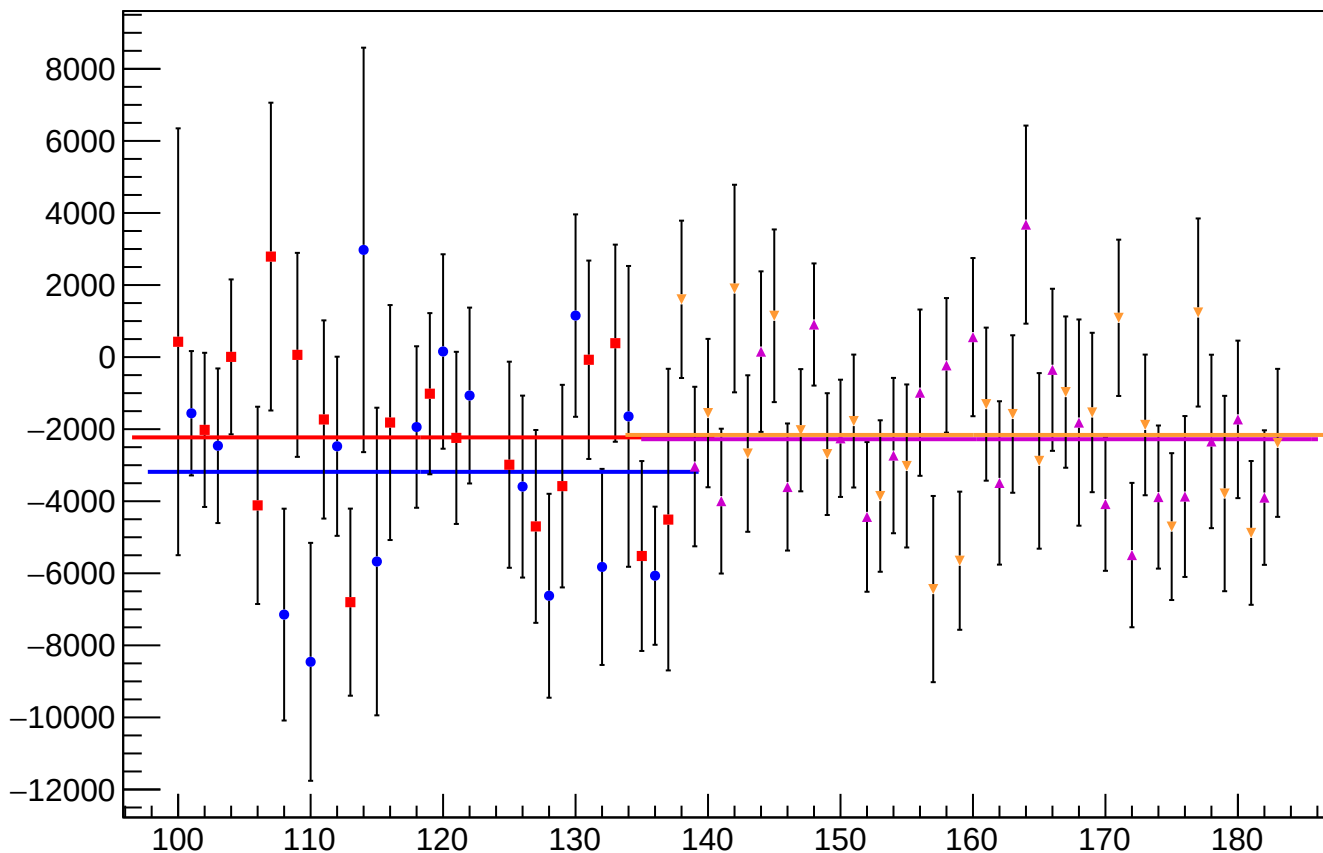
Right: 787.746+/-0.151 χ^2/NDF : 25101.7/33

In: 787.119+/-0.114 χ^2/NDF : 23172.3/37

Out: 793.459+/-0.112 χ^2/NDF : 669009.9/41

All: 790.321+/-0.080 χ^2/NDF : 693757.5/79

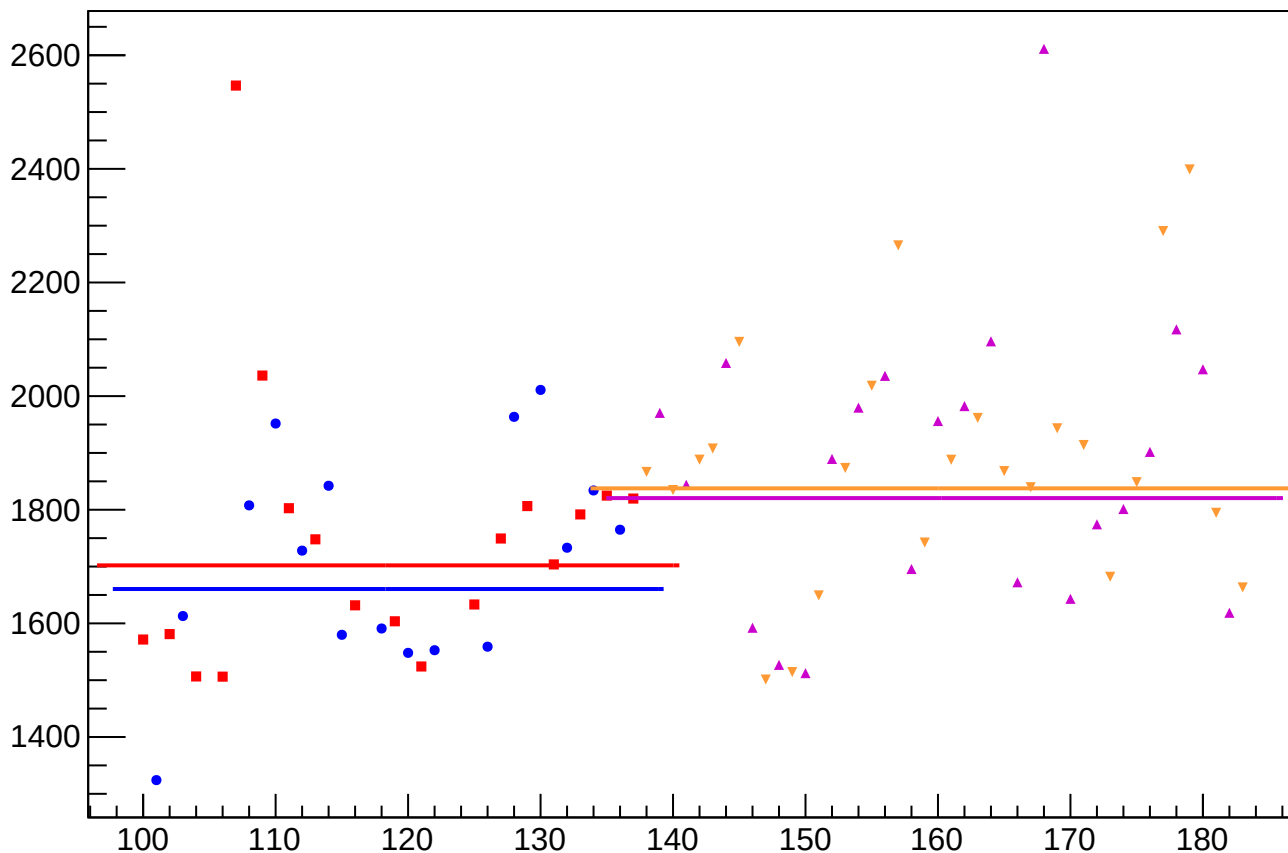
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2 /NDF: 16.8/15
 Left Out: -2160.253 $\pm$ 434.182 χ^2 /NDF:22.5/23
 Right Out: -2228.093 $\pm$ 648.044 χ^2 /NDF: 11.8/17
 Left In: -2278.807 $\pm$ 441.122 χ^2 /NDF:21.7/21

Left: -2218.590 $\pm$ 309.438 χ^2 /NDF: 44.2/45
 Right: -2706.812 $\pm$ 457.995 χ^2 /NDF: 29.7/33
 In: -2566.002 $\pm$ 364.536 χ^2 /NDF:39.8/37
 Out: -2181.271 $\pm$ 360.707 χ^2 /NDF:34.3/41
 All: -2371.606 $\pm$ 256.401 χ^2 /NDF: 74.6/79

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 1660.462 $\pm$ 0.458 χ^2 /NDF: 179206.0/15

Left Out: 1837.663 $\pm$ 0.307 χ^2 /NDF: 461040.0/23

Right Out: 1702.098 $\pm$ 0.458 χ^2 /NDF: 172008.4/17

Left In: 1820.511 $\pm$ 0.312 χ^2 /NDF: 533794.2/21

Left: 1829.223 $\pm$ 0.219 χ^2 /NDF: 996370.1/45

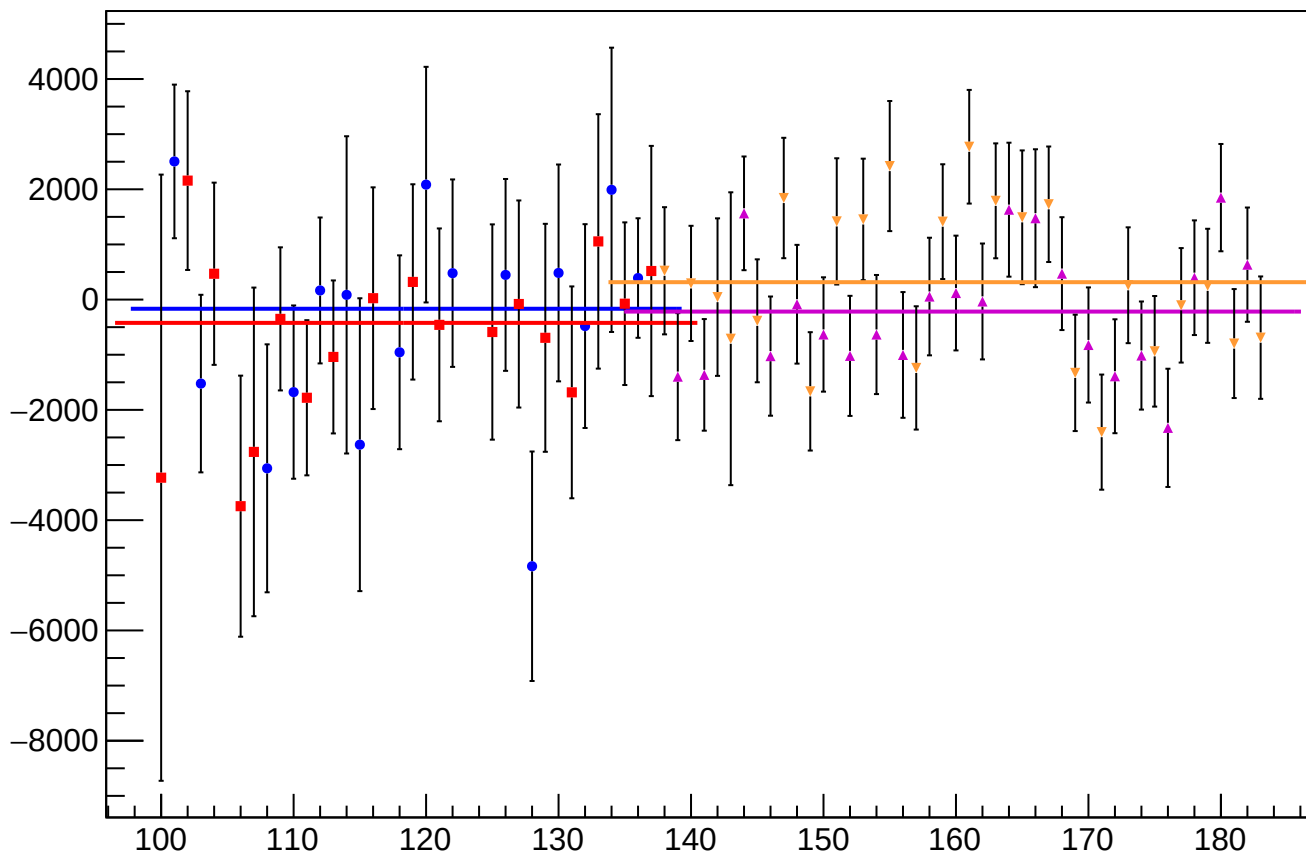
Right: 1681.258 $\pm$ 0.324 χ^2 /NDF: 355346.8/33

In: 1769.760 $\pm$ 0.258 χ^2 /NDF: 796484.7/37

Out: 1795.663 $\pm$ 0.255 χ^2 /NDF: 693454.8/41

All: 1782.849 $\pm$ 0.181 χ^2 /NDF: 1495042.0/79

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -166.359+/-432.680 χ^2/NDF : 15.6/15

Left Out: 315.608+/-225.244 χ^2/NDF : 37.7/23

Right Out: -422.359+/-427.321 χ^2/NDF : 8.2/17

Left In: -217.648+/-226.752 χ^2/NDF : 23.7/21

Left: 50.759+/-159.802 χ^2/NDF : 64.2/45

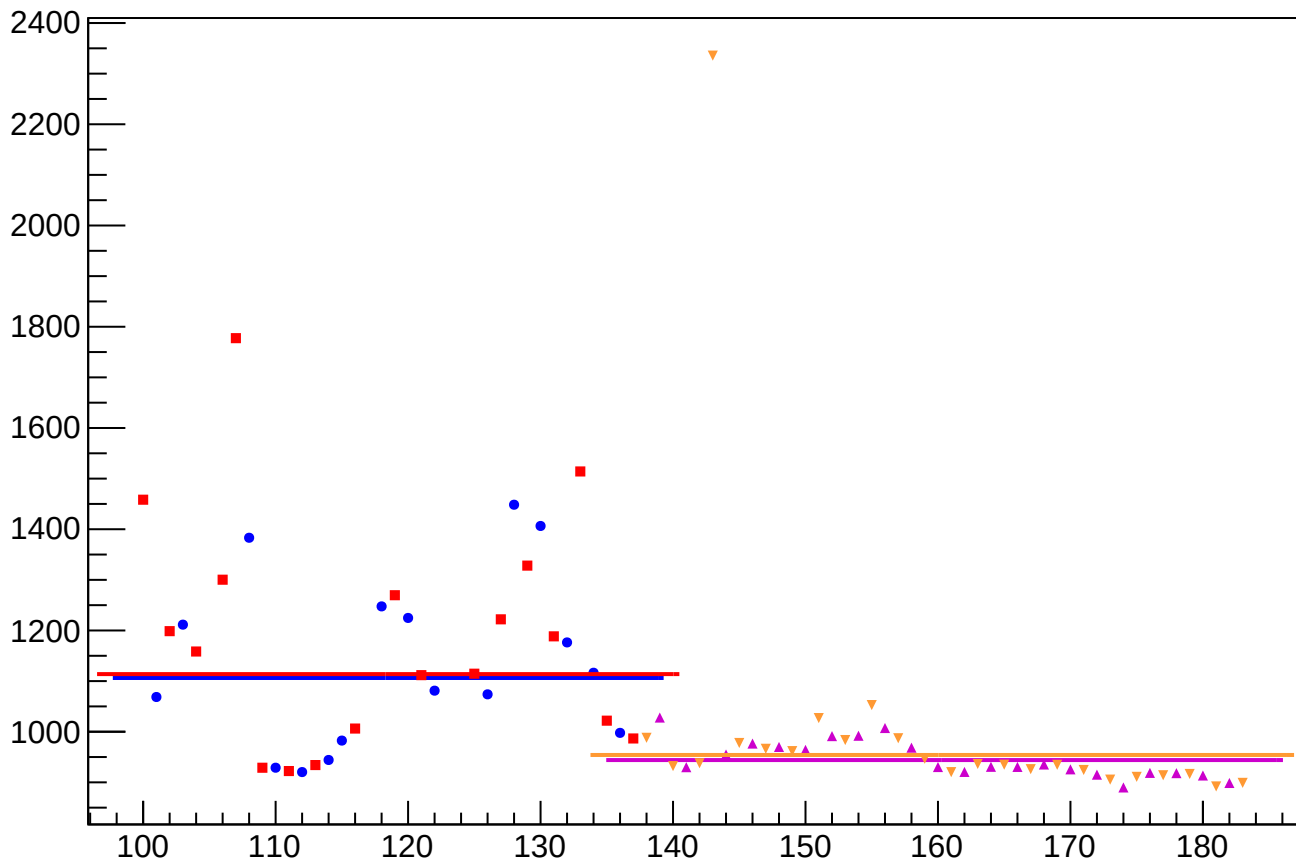
Right: -295.954+/-304.038 χ^2/NDF : 24.0/33

In: -206.597+/-200.843 χ^2/NDF : 39.3/37

Out: 155.151+/-199.258 χ^2/NDF : 48.2/41

All: -24.289+/-141.454 χ^2/NDF : 89.2/79

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1106.159 ± 0.306 $\chi^2/\text{NDF}: 259917.7/15$

Left Out: 954.083 ± 0.159 $\chi^2/\text{NDF}: 604284.7/23$

Right Out: 1113.821 ± 0.302 $\chi^2/\text{NDF}: 364293.1/17$

Left In: 944.011 ± 0.160 $\chi^2/\text{NDF}: 48296.1/21$

Left: 949.081 ± 0.113 $\chi^2/\text{NDF}: 654567.1/45$

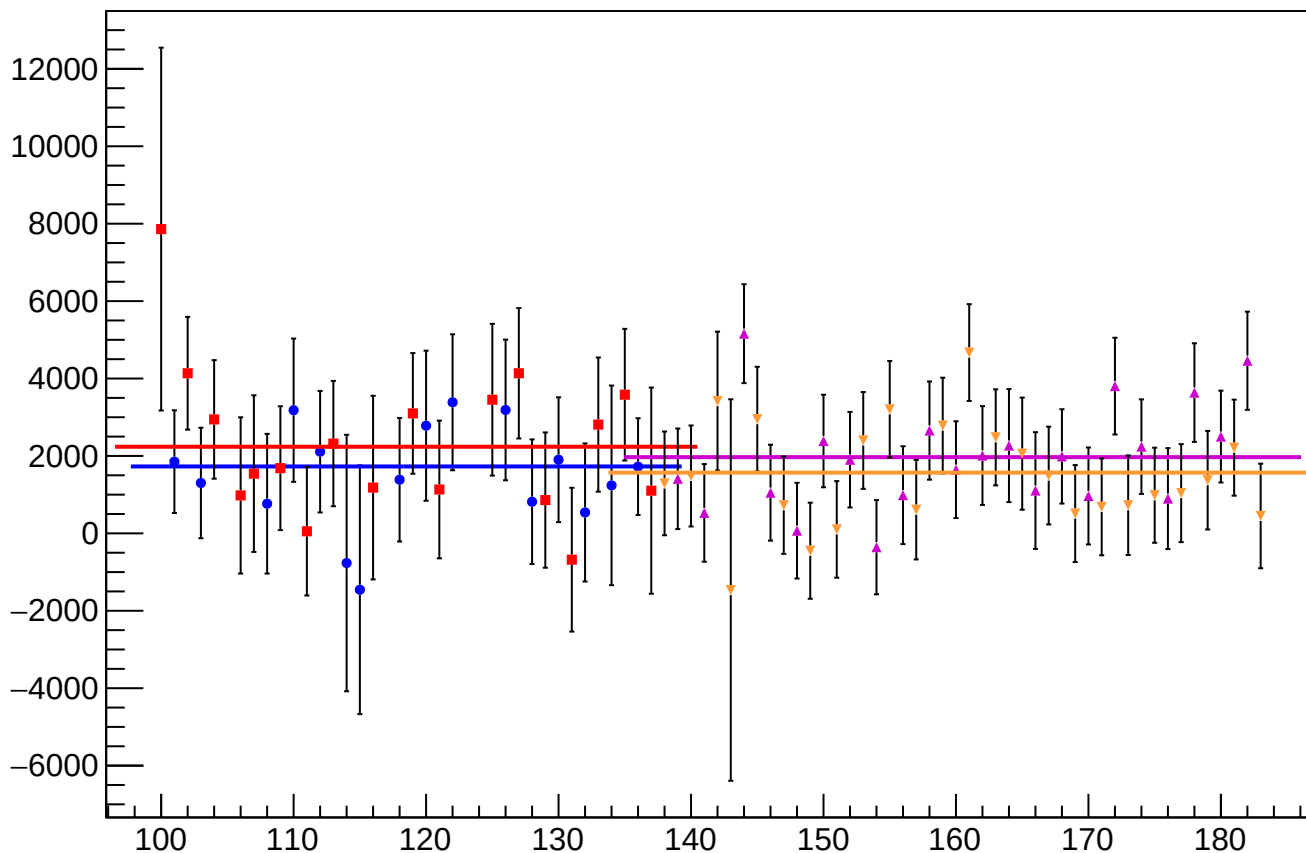
Right: 1110.038 ± 0.215 $\chi^2/\text{NDF}: 624528.4/33$

In: 978.949 ± 0.142 $\chi^2/\text{NDF}: 528572.4/37$

Out: 988.815 ± 0.141 $\chi^2/\text{NDF}: 1187282.1/41$

All: 983.921 ± 0.100 $\chi^2/\text{NDF}: 1718287.0/79$

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1728.463 $\pm$ 429.803 χ^2 /NDF: 5.3/15

Left Out: 1568.927 $\pm$ 268.370 χ^2 /NDF:20.5/23

Right Out: 2237.683 $\pm$ 425.458 χ^2 /NDF: 12.3/17

Left In: 1969.405 $\pm$ 269.749 χ^2 /NDF:25.0/21

Left: 1768.140 $\pm$ 190.252 χ^2 /NDF: 46.7/45

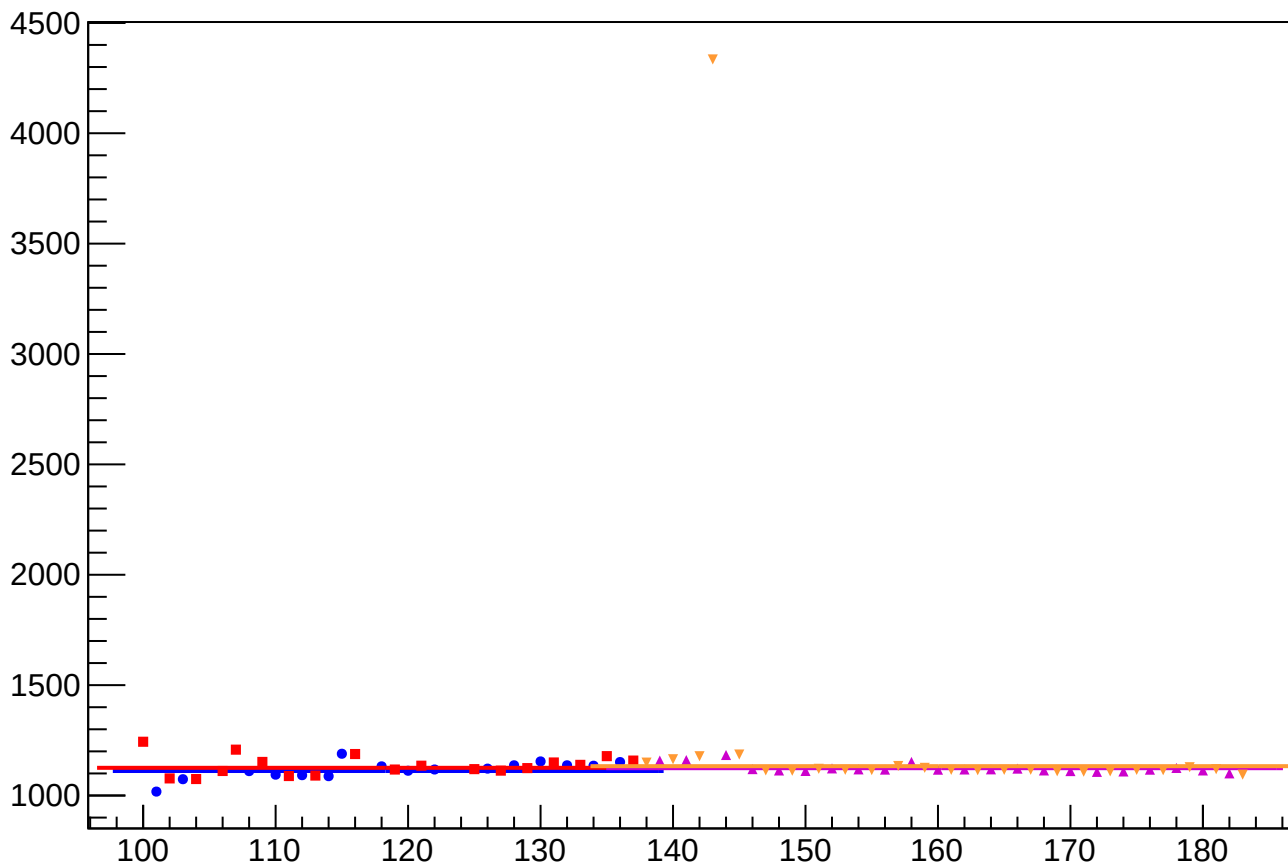
Right: 1985.660 $\pm$ 302.369 χ^2 /NDF: 18.3/33

In: 1901.319 $\pm$ 228.478 χ^2 /NDF:30.6/37

Out: 1759.277 $\pm$ 226.986 χ^2 /NDF:34.5/41

All: 1829.832 $\pm$ 161.028 χ^2 /NDF: 65.3/79

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1111.042+/-0.304 χ^2/NDF : 18091.1/15

Left Out: 1132.968+/-0.190 χ^2/NDF : 858190.7/23

Right Out: 1125.496+/-0.301 χ^2/NDF : 15880.9/17

Left In: 1123.781+/-0.191 χ^2/NDF : 10975.7/21

Left: 1128.398+/-0.135 χ^2/NDF : 870332.3/45

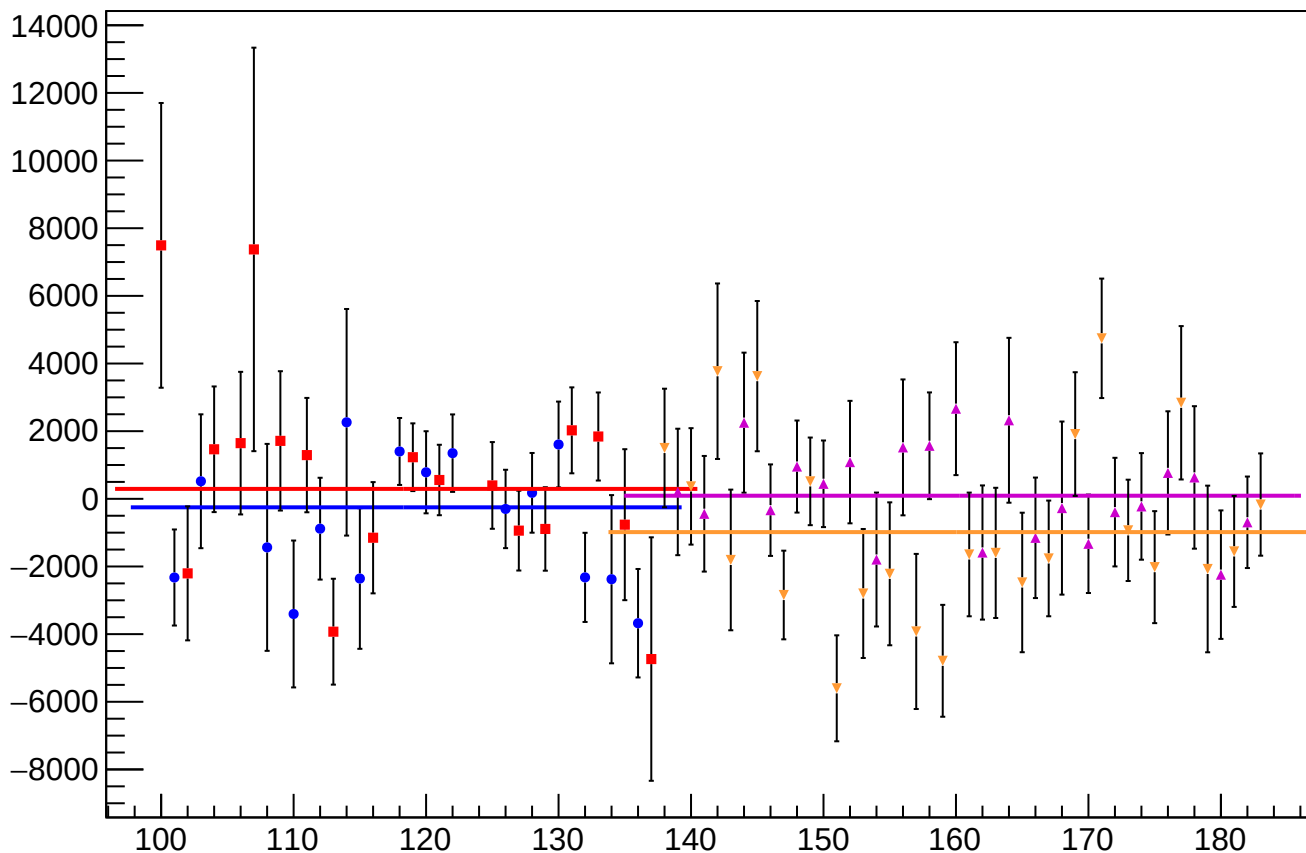
Right: 1118.342+/-0.214 χ^2/NDF : 35114.3/33

In: 1120.181+/-0.162 χ^2/NDF : 30327.2/37

Out: 1130.841+/-0.161 χ^2/NDF : 874512.9/41

All: 1125.546+/-0.114 χ^2/NDF : 907031.1/79

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -251.327 $\pm$ 364.951 χ^2 /NDF: 21.8/15

Left Out: -983.830 $\pm$ 361.996 χ^2 /NDF:48.5/23

Right Out: 293.658 $\pm$ 362.490 χ^2 /NDF: 24.0/17

Left In: 91.920 $\pm$ 364.369 χ^2 /NDF:11.3/21

Left: -449.470 $\pm$ 256.805 χ^2 /NDF: 64.2/45

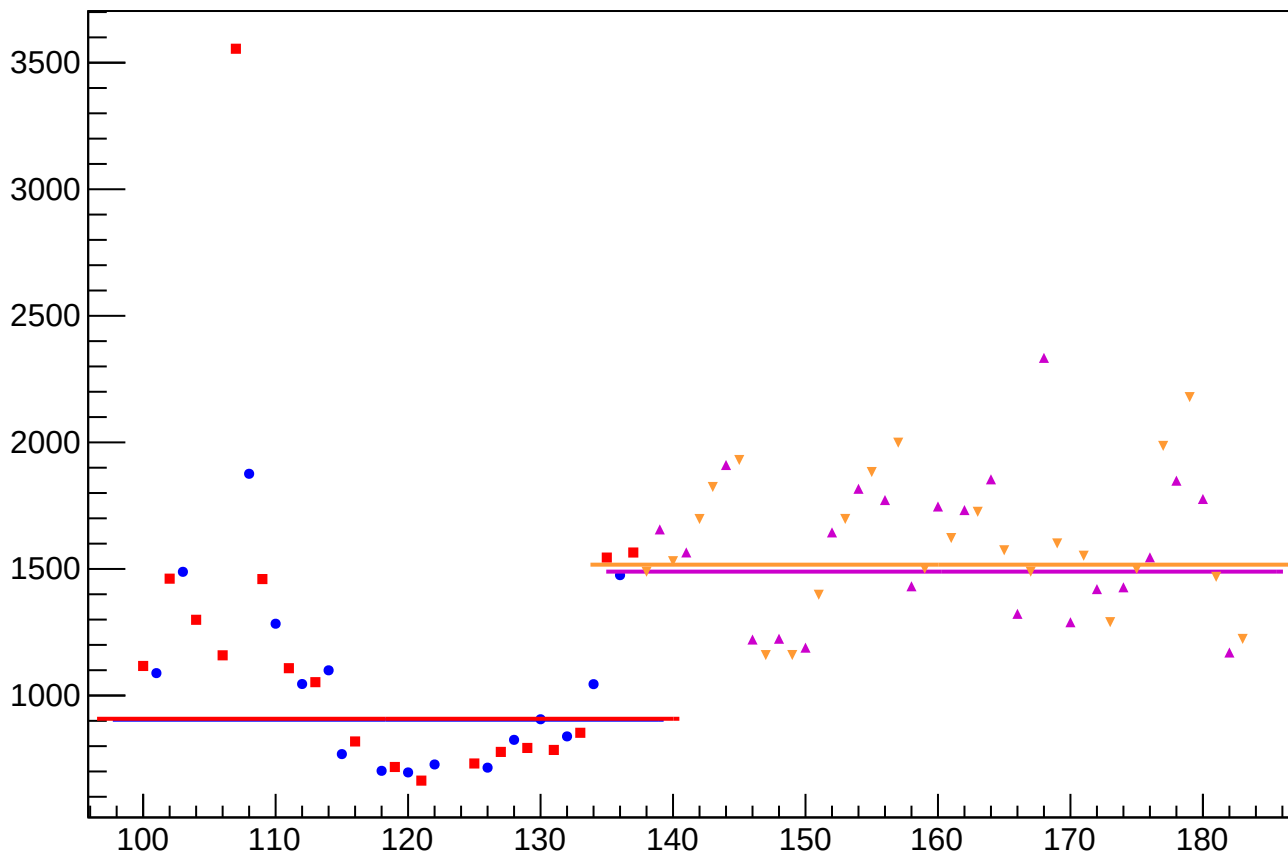
Right: 23.010 $\pm$ 257.185 χ^2 /NDF: 47.0/33

In: -79.430 $\pm$ 257.853 χ^2 /NDF:33.5/37

Out: -345.957 $\pm$ 256.144 χ^2 /NDF:78.8/41

All: -213.580 $\pm$ 181.722 χ^2 /NDF: 112.8/79

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 904.488+/-0.258 χ^2/NDF : 1021094.8/15

Left Out: 1516.956+/-0.256 χ^2/NDF : 992209.9/23

Right Out: 908.153+/-0.256 χ^2/NDF : 1381025.2/17

Left In: 1489.457+/-0.258 χ^2/NDF : 1085497.3/21

Left: 1503.297+/-0.182 χ^2/NDF : 2083440.0/45

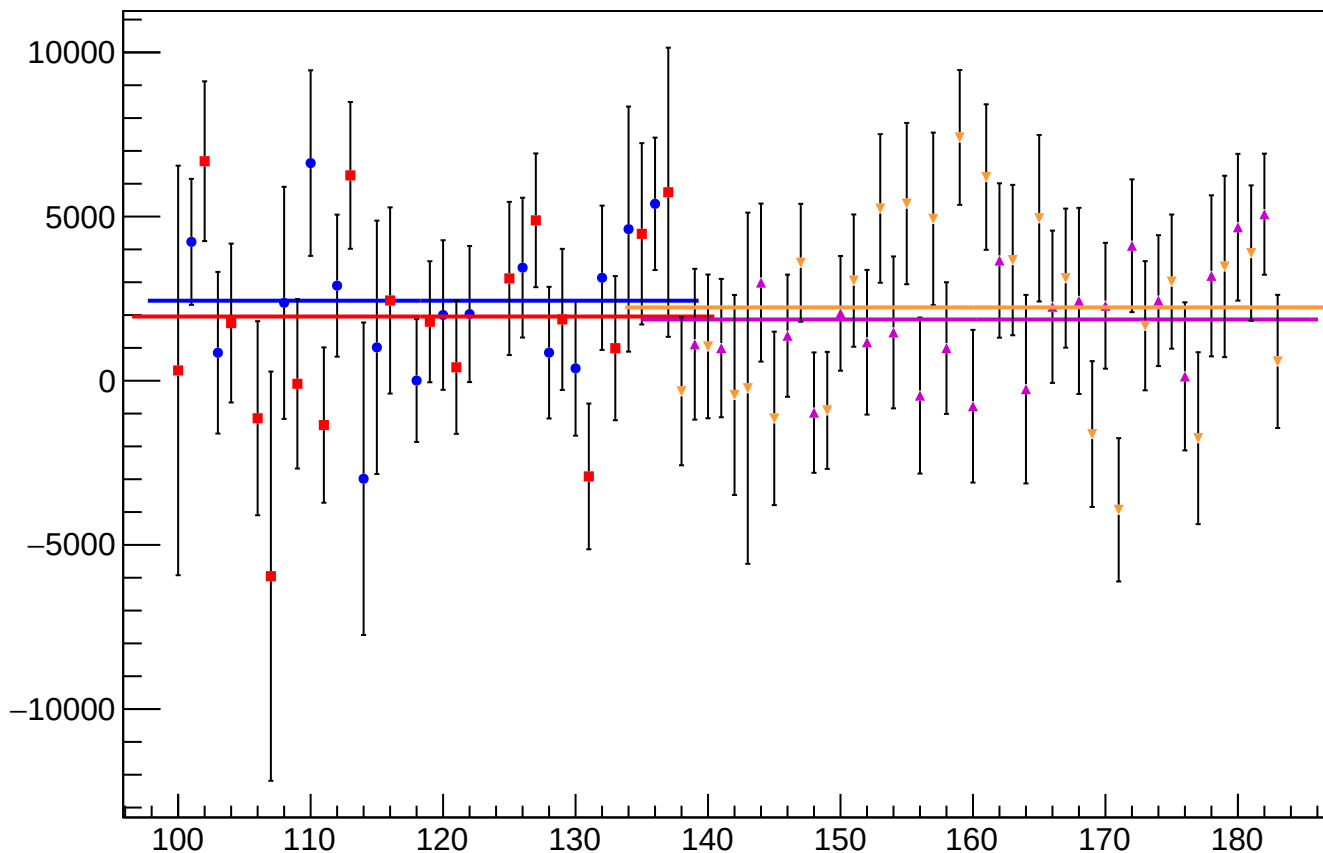
Right: 906.333+/-0.182 χ^2/NDF : 2402221.4/33

In: 1197.439+/-0.182 χ^2/NDF : 4679885.4/37

Out: 1212.970+/-0.181 χ^2/NDF : 5197817.3/41

All: 1205.256+/-0.128 χ^2/NDF : 9881354.4/79

asym_usl_mean vs Slug, Sign Corrected



Right In: 2437.510 $\pm$ 586.231 χ^2/NDF : 11.2/15

Left Out: 2233.512 $\pm$ 459.045 χ^2/NDF : 38.9/23

Right Out: 1955.910 $\pm$ 584.085 χ^2/NDF : 22.4/17

Left In: 1865.658 $\pm$ 459.157 χ^2/NDF : 13.6/21

Left: 2049.630 $\pm$ 324.633 χ^2/NDF : 52.8/45

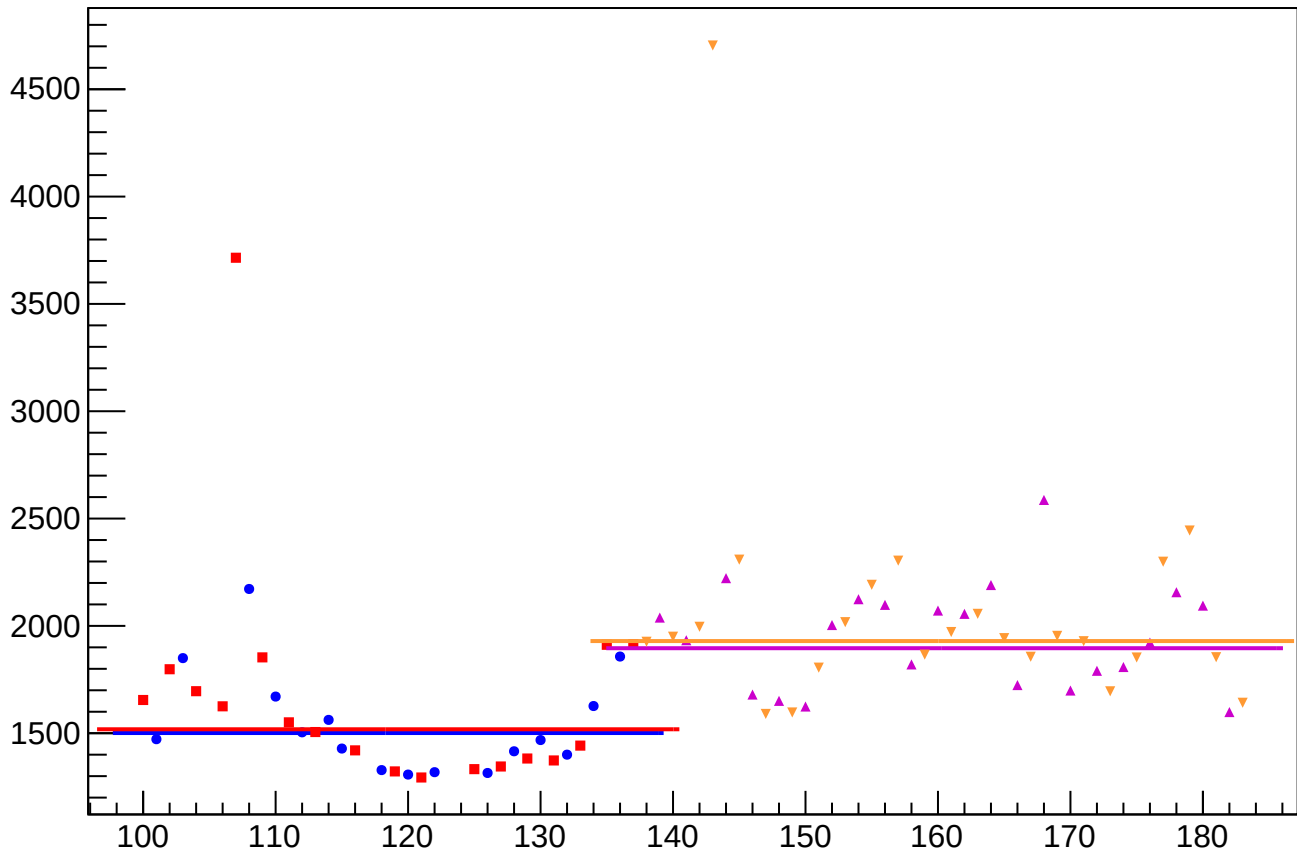
Right: 2195.827 $\pm$ 413.767 χ^2/NDF : 33.9/33

In: 2083.083 $\pm$ 361.478 χ^2/NDF : 25.3/37

Out: 2127.516 $\pm$ 360.919 χ^2/NDF : 61.4/41

All: 2105.334 $\pm$ 255.406 χ^2/NDF : 86.7/79

asym_usl_rms vs Slug, Sign Corrected



Right In: 1500.830 +/- 0.415 χ^2/NDF : 256227.7/15

Left Out: 1929.281 +/- 0.325 χ^2/NDF : 990624.2/23

Right Out: 1518.327 +/- 0.413 χ^2/NDF : 476011.7/17

Left In: 1895.974 +/- 0.325 χ^2/NDF : 490306.7/21

Left: 1912.632 +/- 0.230 χ^2/NDF : 1486194.0/45

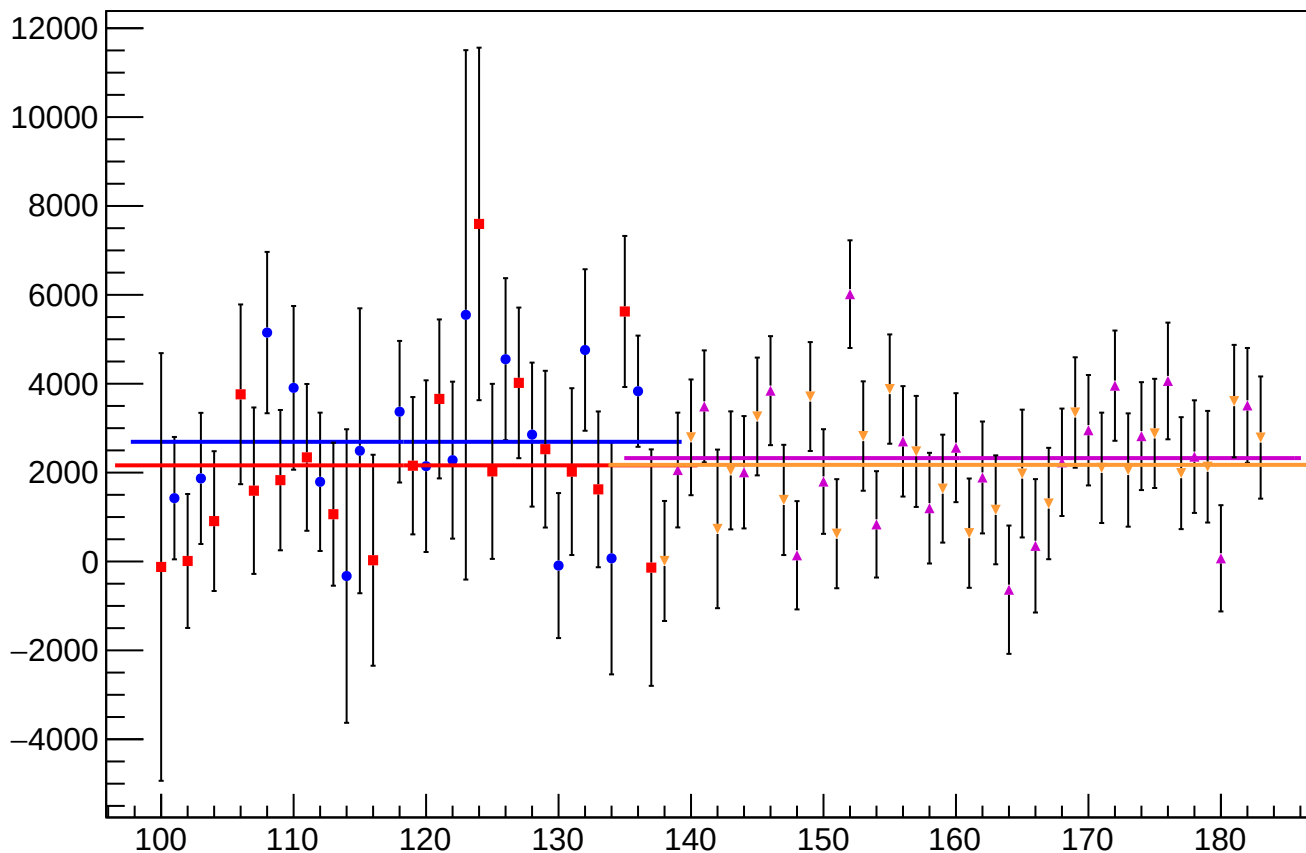
Right: 1509.610 +/- 0.293 χ^2/NDF : 733133.5/33

In: 1745.735 +/- 0.256 χ^2/NDF : 1309714.6/37

Out: 1772.367 +/- 0.255 χ^2/NDF : 2078666.5/41

All: 1759.072 +/- 0.181 χ^2/NDF : 3393817.4/79

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2692.998 $\pm$ 432.616 χ^2/NDF : 12.2/16

Left Out: 2174.275 $\pm$ 261.296 χ^2/NDF : 15.6/23

Right Out: 2163.105 $\pm$ 423.797 χ^2/NDF : 13.8/18

Left In: 2326.382 $\pm$ 267.569 χ^2/NDF : 32.0/21

Left: 2248.525 $\pm$ 186.943 χ^2/NDF : 47.8/45

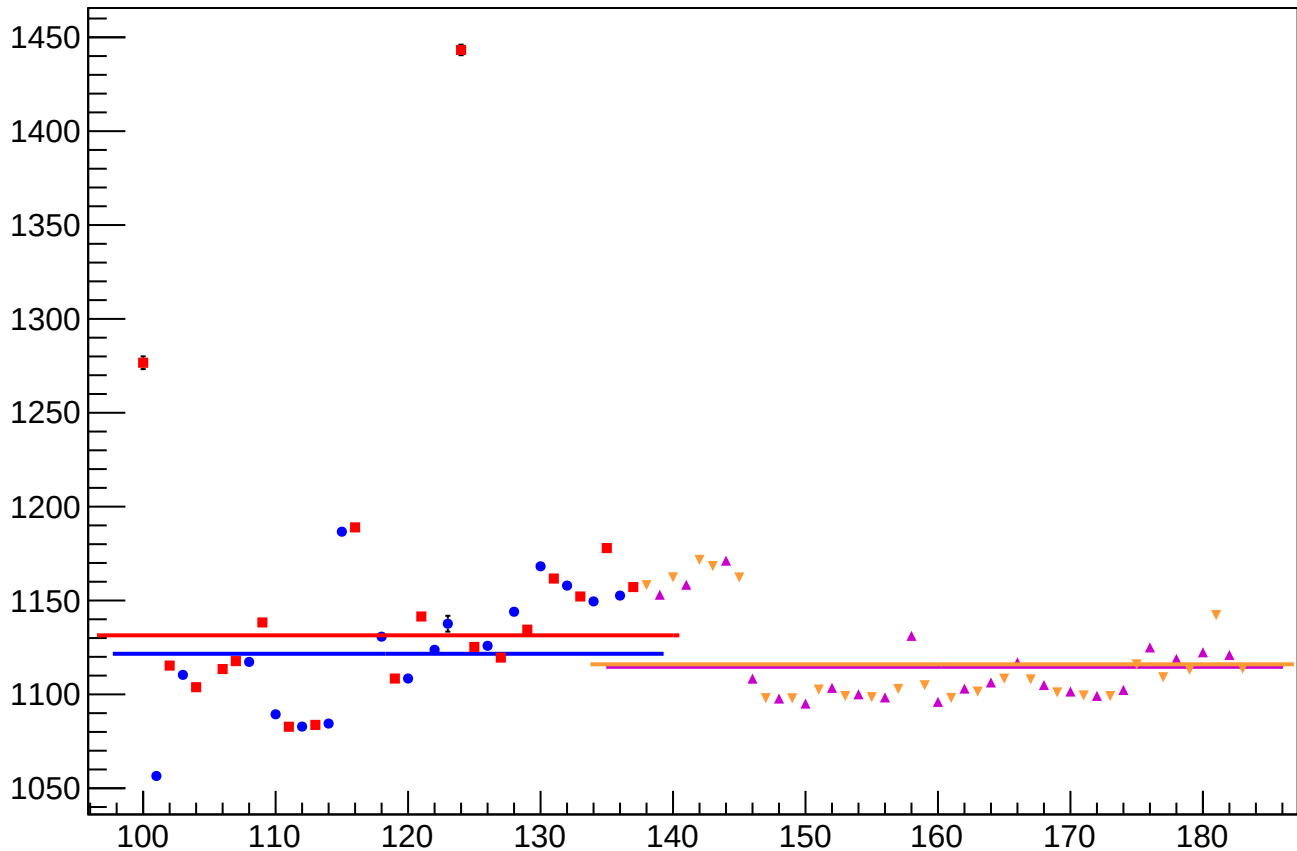
Right: 2422.596 $\pm$ 302.740 χ^2/NDF : 26.8/35

In: 2427.821 $\pm$ 227.561 χ^2/NDF : 44.8/38

Out: 2171.198 $\pm$ 222.418 χ^2/NDF : 29.4/42

All: 2296.577 $\pm$ 159.061 χ^2/NDF : 74.9/81

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1121.626 $\pm$ 0.306 χ^2 /NDF: 11980.2/16

Left Out: 1116.026 $\pm$ 0.185 χ^2 /NDF:17011.8/23

Right Out: 1131.451 $\pm$ 0.300 χ^2 /NDF: 23111.7/18

Left In: 1114.690 $\pm$ 0.189 χ^2 /NDF:12185.0/21

Left: 1115.374 $\pm$ 0.132 χ^2 /NDF: 29222.3/45

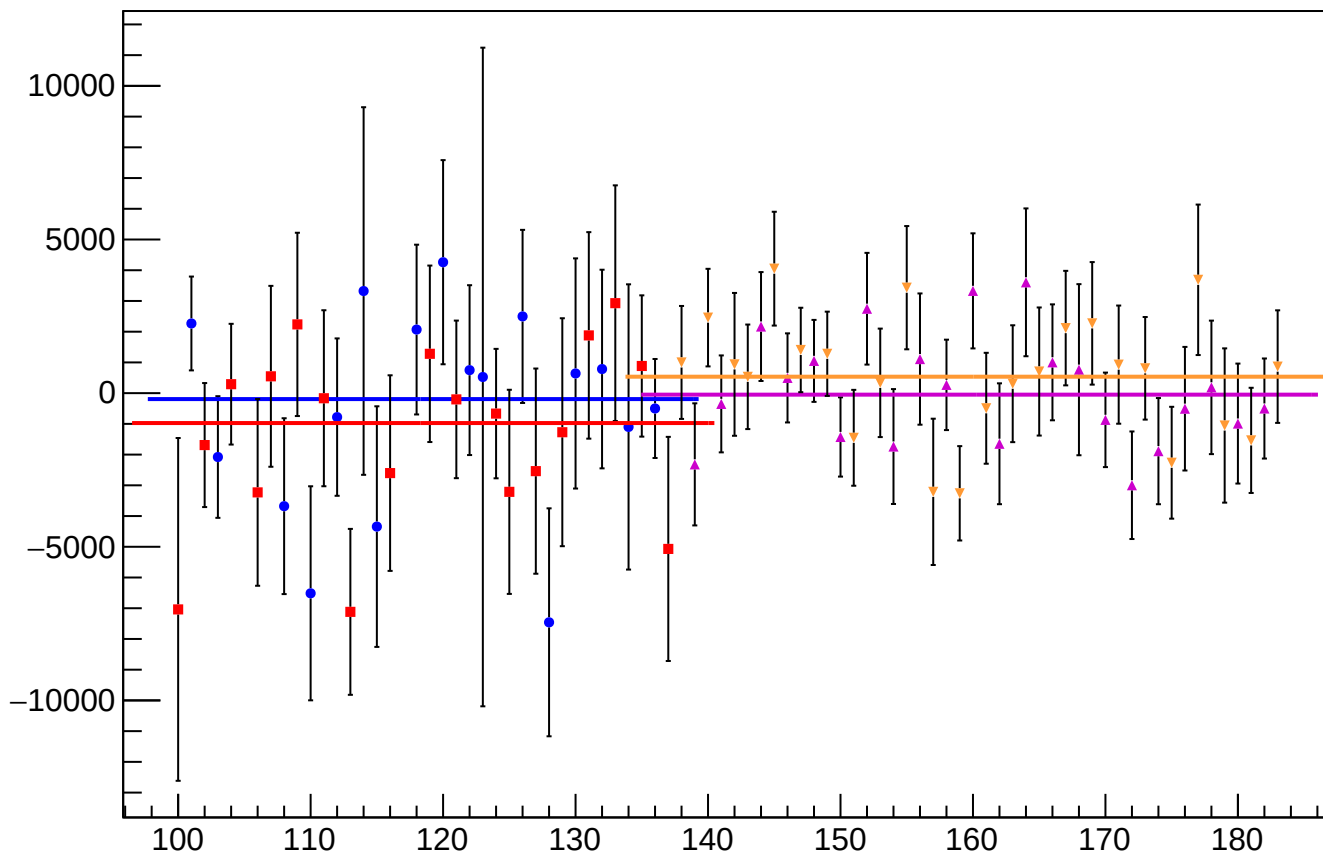
Right: 1126.640 $\pm$ 0.214 χ^2 /NDF: 35618.4/35

In: 1116.609 $\pm$ 0.161 χ^2 /NDF:24537.2/38

Out: 1120.275 $\pm$ 0.157 χ^2 /NDF:42043.2/42

All: 1118.484 $\pm$ 0.112 χ^2 /NDF: 66845.8/81

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -193.332 $\pm$ 660.359 χ^2/NDF : 17.4/16

Left Out: 535.202 $\pm$ 367.440 χ^2/NDF : 26.0/23

Right Out: -973.263 $\pm$ 645.048 χ^2/NDF : 14.3/18

Left In: -49.070 $\pm$ 372.895 χ^2/NDF : 19.6/21

Left: 247.371 $\pm$ 261.727 χ^2/NDF : 46.9/45

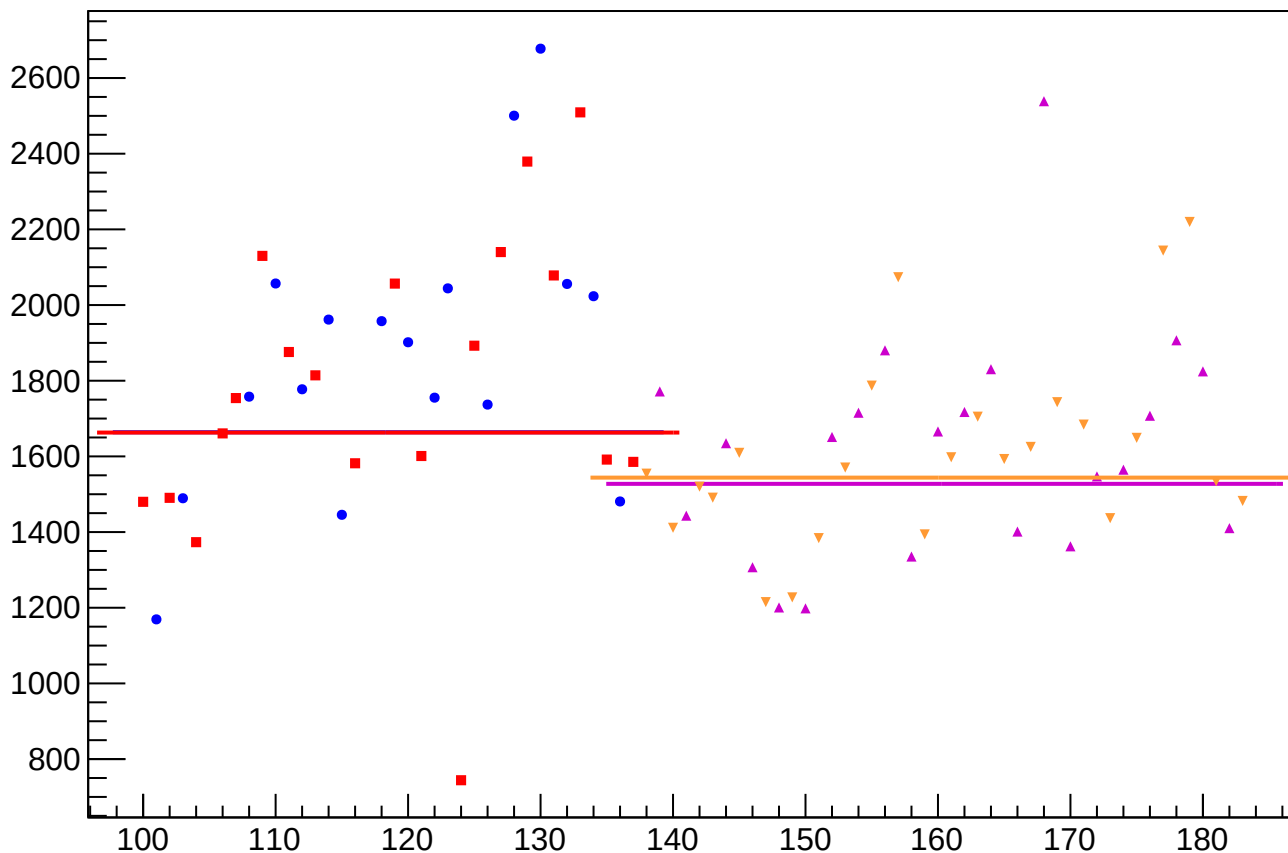
Right: -592.444 $\pm$ 461.436 χ^2/NDF : 32.4/35

In: -83.949 $\pm$ 324.703 χ^2/NDF : 37.0/38

Out: 165.647 $\pm$ 319.274 χ^2/NDF : 44.4/42

All: 42.953 $\pm$ 227.656 χ^2/NDF : 81.7/81

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1663.779 $\pm$ 0.467 χ^2 /NDF: 622477.6/16

Left Out: 1543.907 $\pm$ 0.260 χ^2 /NDF: 742838.3/23

Right Out: 1662.985 $\pm$ 0.456 χ^2 /NDF: 804974.2/18

Left In: 1527.435 $\pm$ 0.264 χ^2 /NDF: 949929.5/21

Left: 1535.792 $\pm$ 0.185 χ^2 /NDF: 1694747.7/45

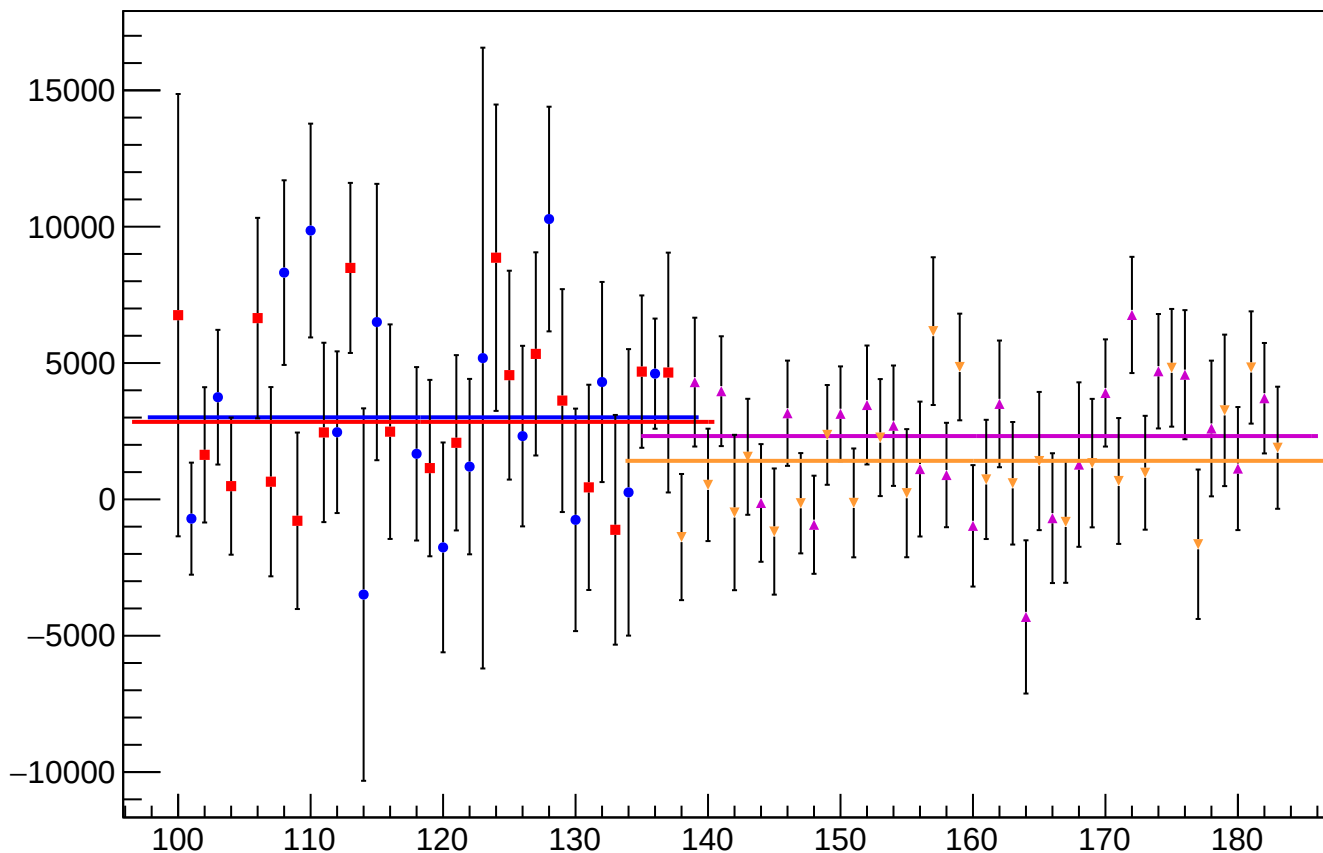
Right: 1663.373 $\pm$ 0.326 χ^2 /NDF: 1427453.3/35

In: 1560.400 $\pm$ 0.230 χ^2 /NDF: 1637052.6/38

Out: 1573.080 $\pm$ 0.226 χ^2 /NDF: 1599272.4/42

All: 1566.847 $\pm$ 0.161 χ^2 /NDF: 3237875.6/81

asym_usr_mean vs Slug, Sign Corrected



Right In: 3009.190+/-799.647 χ^2/NDF : 17.4/16

Left Out: 1413.234+/-453.181 χ^2/NDF : 19.9/23

Right Out: 2842.013+/-795.731 χ^2/NDF : 11.4/18

Left In: 2321.891+/-461.907 χ^2/NDF : 25.1/21

Left: 1858.898+/-323.488 χ^2/NDF : 47.0/45

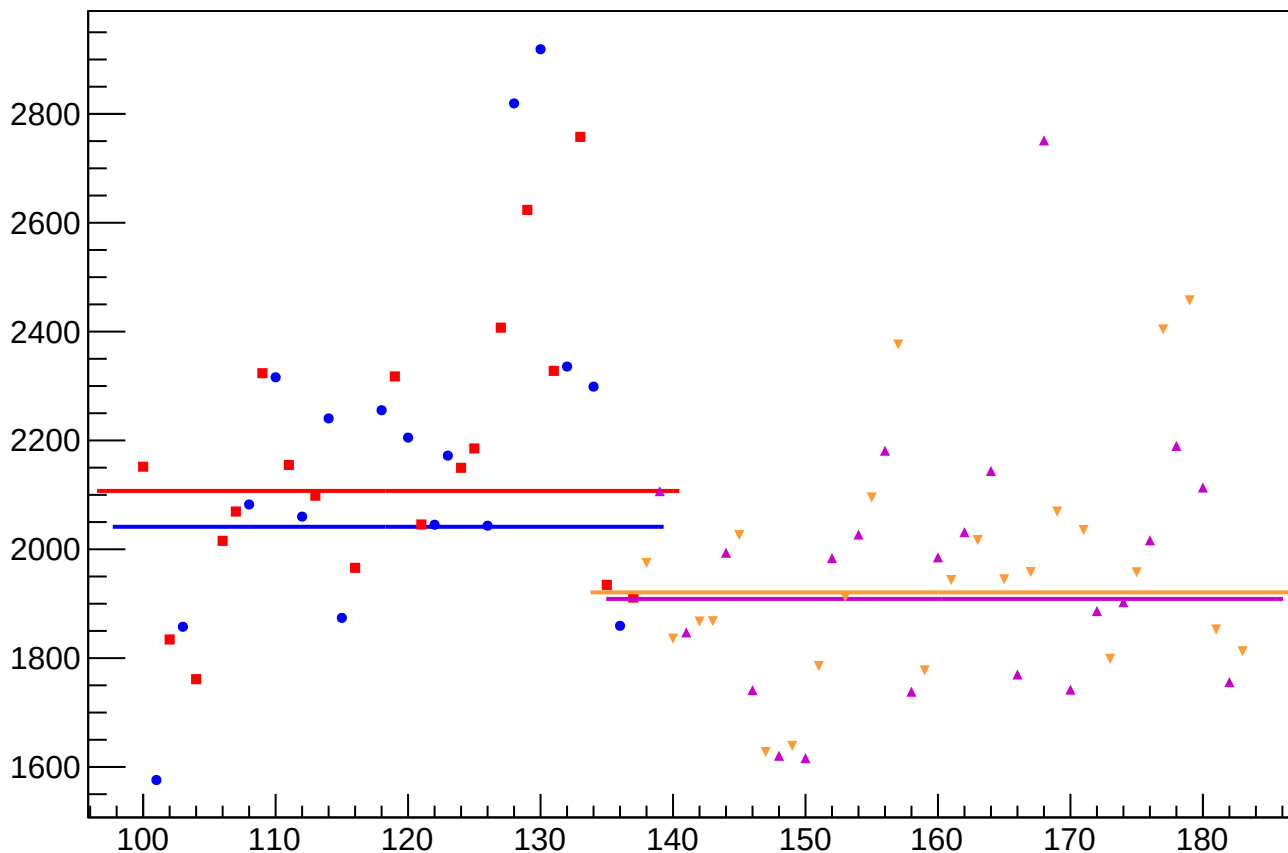
Right: 2925.191+/-564.046 χ^2/NDF : 28.8/35

In: 2493.844+/-399.974 χ^2/NDF : 43.0/38

Out: 1763.157+/-393.795 χ^2/NDF : 33.8/42

All: 2122.814+/-280.614 χ^2/NDF : 78.5/81

asym_usr_rms vs Slug, Sign Corrected



Right In: 2041.348 $\pm$ 0.565 χ^2 /NDF: 338436.8/16

Left Out: 1920.837 $\pm$ 0.320 χ^2 /NDF:365165.2/23

Right Out: 2107.277 $\pm$ 0.563 χ^2 /NDF: 196781.3/18

Left In: 1908.831 $\pm$ 0.327 χ^2 /NDF:447261.8/21

Left: 1914.949 $\pm$ 0.229 χ^2 /NDF: 813115.5/45

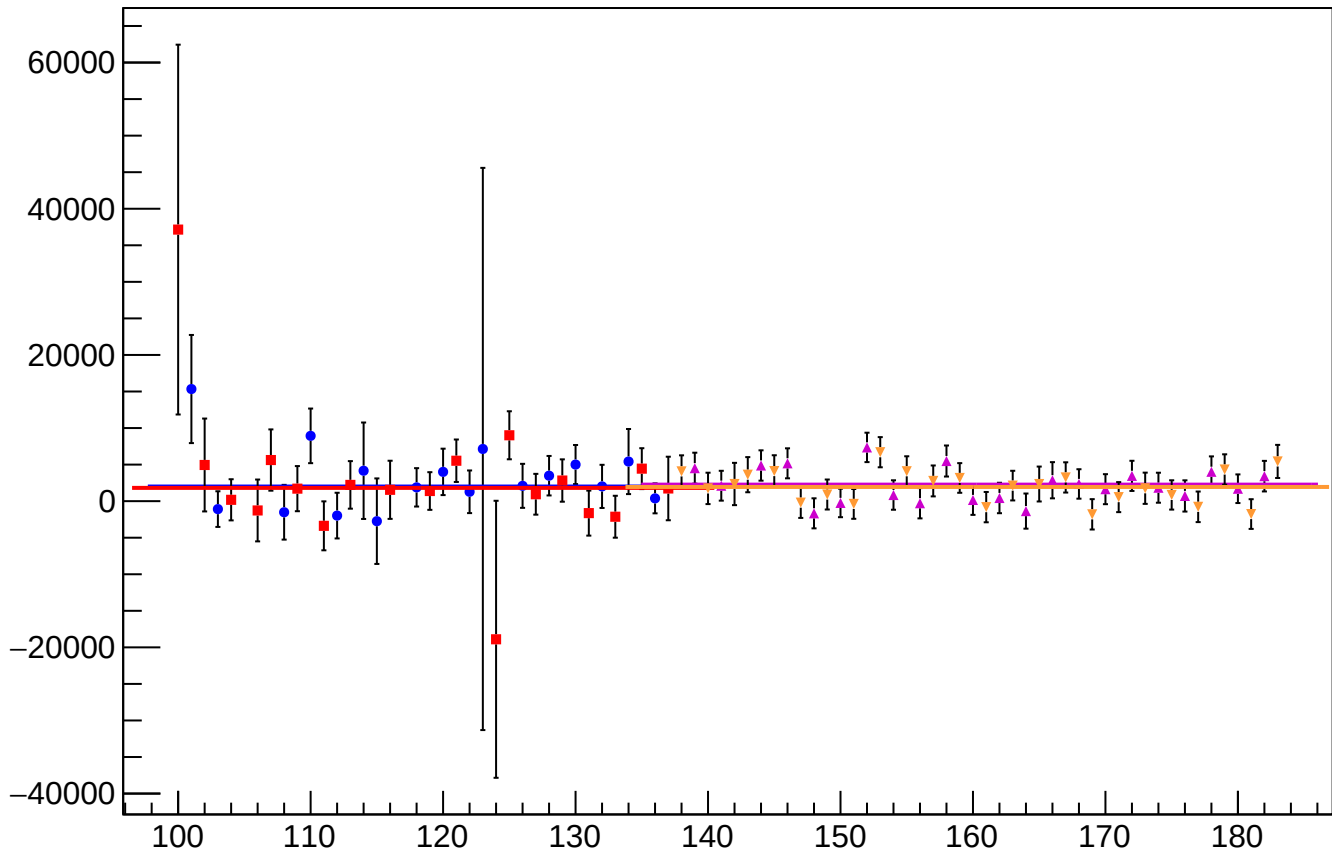
Right: 2074.475 $\pm$ 0.399 χ^2 /NDF: 542049.1/35

In: 1941.985 $\pm$ 0.283 χ^2 /NDF:826882.9/38

Out: 1966.498 $\pm$ 0.278 χ^2 /NDF:644850.3/42

All: 1954.433 $\pm$ 0.198 χ^2 /NDF: 1475547.7/81

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1999.899+/-781.612 χ^2/NDF : 14.8/16

Left Out: 1942.877+/-434.504 χ^2/NDF : 26.9/23

Right Out: 1815.578+/-781.463 χ^2/NDF : 18.2/18

Left In: 2259.825+/-443.810 χ^2/NDF : 27.0/21

Left: 2097.993+/-310.479 χ^2/NDF : 54.2/45

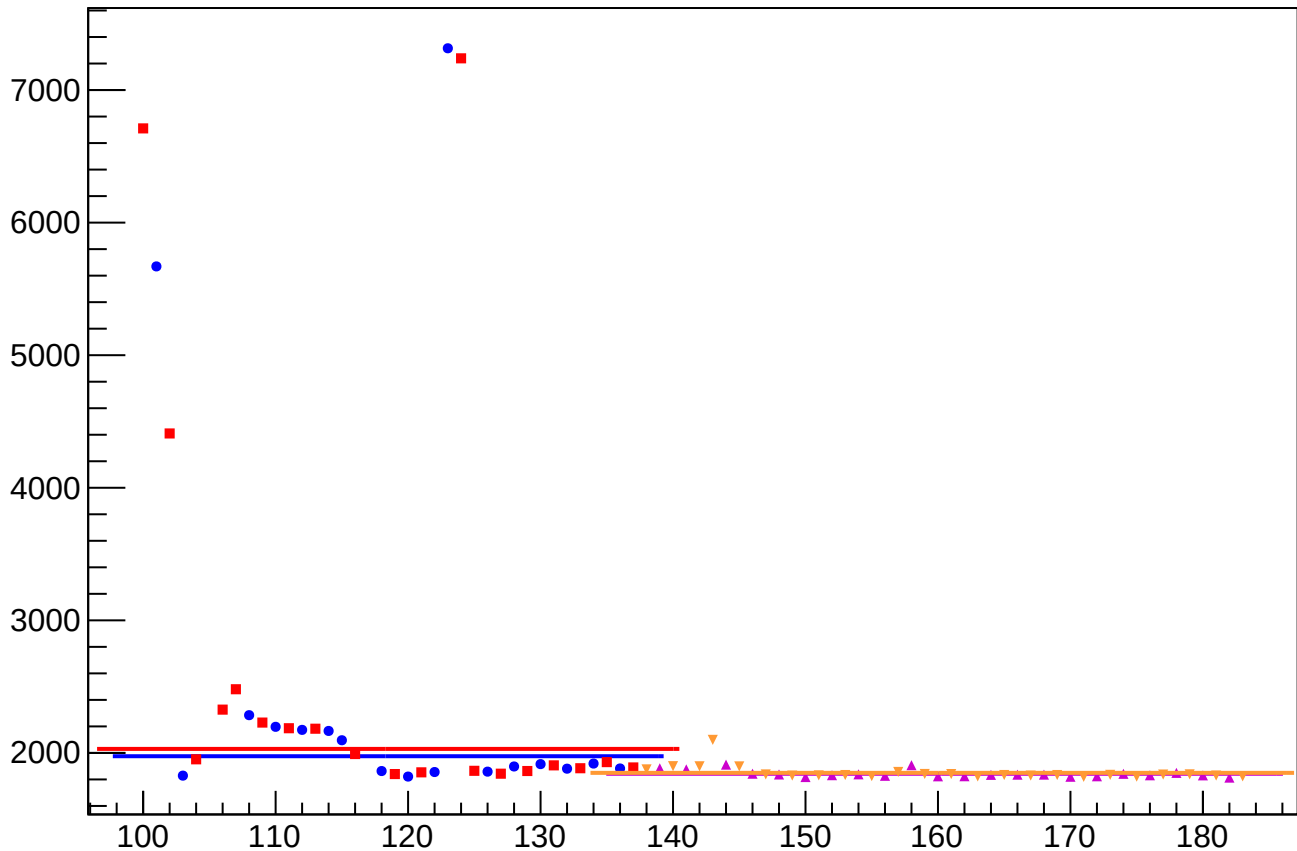
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

In: 2196.453+/-385.935 χ^2/NDF : 41.9/38

Out: 1912.816+/-379.751 χ^2/NDF : 45.2/42

All: 2052.344+/-270.684 χ^2/NDF : 87.3/81

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1975.109+/-0.553 χ^2/NDF : 599831.6/16

Left Out: 1849.673+/-0.307 χ^2/NDF : 27681.0/23

Right Out: 2030.342+/-0.553 χ^2/NDF : 603923.5/18

Left In: 1842.656+/-0.314 χ^2/NDF : 7180.2/21

Left: 1846.239+/-0.220 χ^2/NDF : 35116.5/45

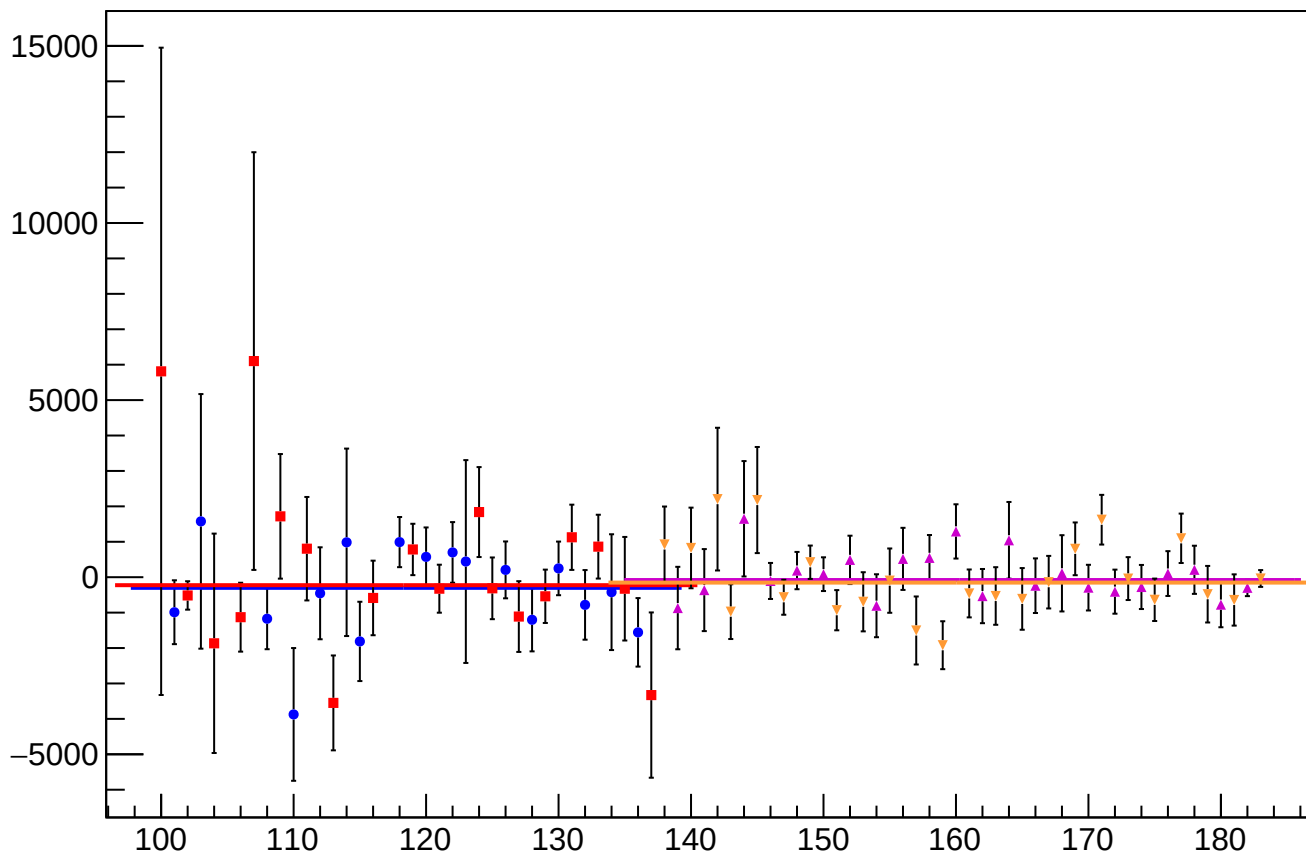
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

In: 1874.949+/-0.273 χ^2/NDF : 650443.1/38

Out: 1892.338+/-0.269 χ^2/NDF : 713261.2/42

All: 1883.784+/-0.191 χ^2/NDF : 1365767.1/81

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -299.990 ± 246.615 $\chi^2/\text{NDF}: 17.3/16$

Left Out: -152.262 ± 127.897 $\chi^2/\text{NDF}: 33.5/23$

Right Out: -225.432 ± 215.564 $\chi^2/\text{NDF}: 22.2/18$

Left In: -80.171 ± 128.639 $\chi^2/\text{NDF}: 12.3/21$

Left: -116.425 ± 90.698 $\chi^2/\text{NDF}: 46.0/45$

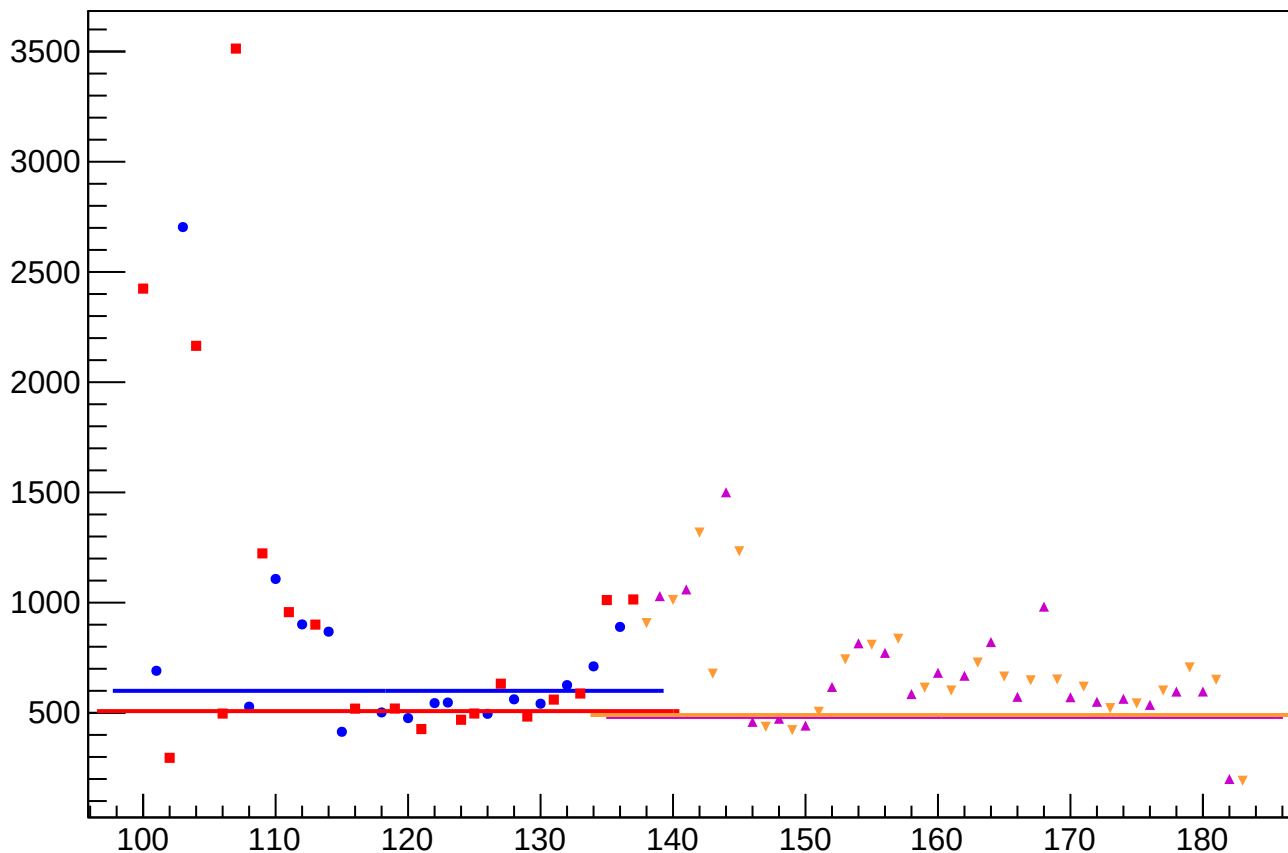
Right: -257.724 ± 162.302 $\chi^2/\text{NDF}: 39.6/35$

In: -127.188 ± 114.055 $\chi^2/\text{NDF}: 30.3/38$

Out: -171.313 ± 109.994 $\chi^2/\text{NDF}: 55.8/42$

All: -150.050 ± 79.174 $\chi^2/\text{NDF}: 86.2/81$

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 599.953 $\pm$ 0.174 χ^2 /NDF: 1381049.4/16

Left Out: 490.336 $\pm$ 0.090 χ^2 /NDF: 6526566.8/23

Right Out: 507.943 $\pm$ 0.152 χ^2 /NDF: 2848884.0/18

Left In: 481.561 $\pm$ 0.091 χ^2 /NDF: 6389622.5/21

Left: 485.974 $\pm$ 0.064 χ^2 /NDF: 12920869.5/45

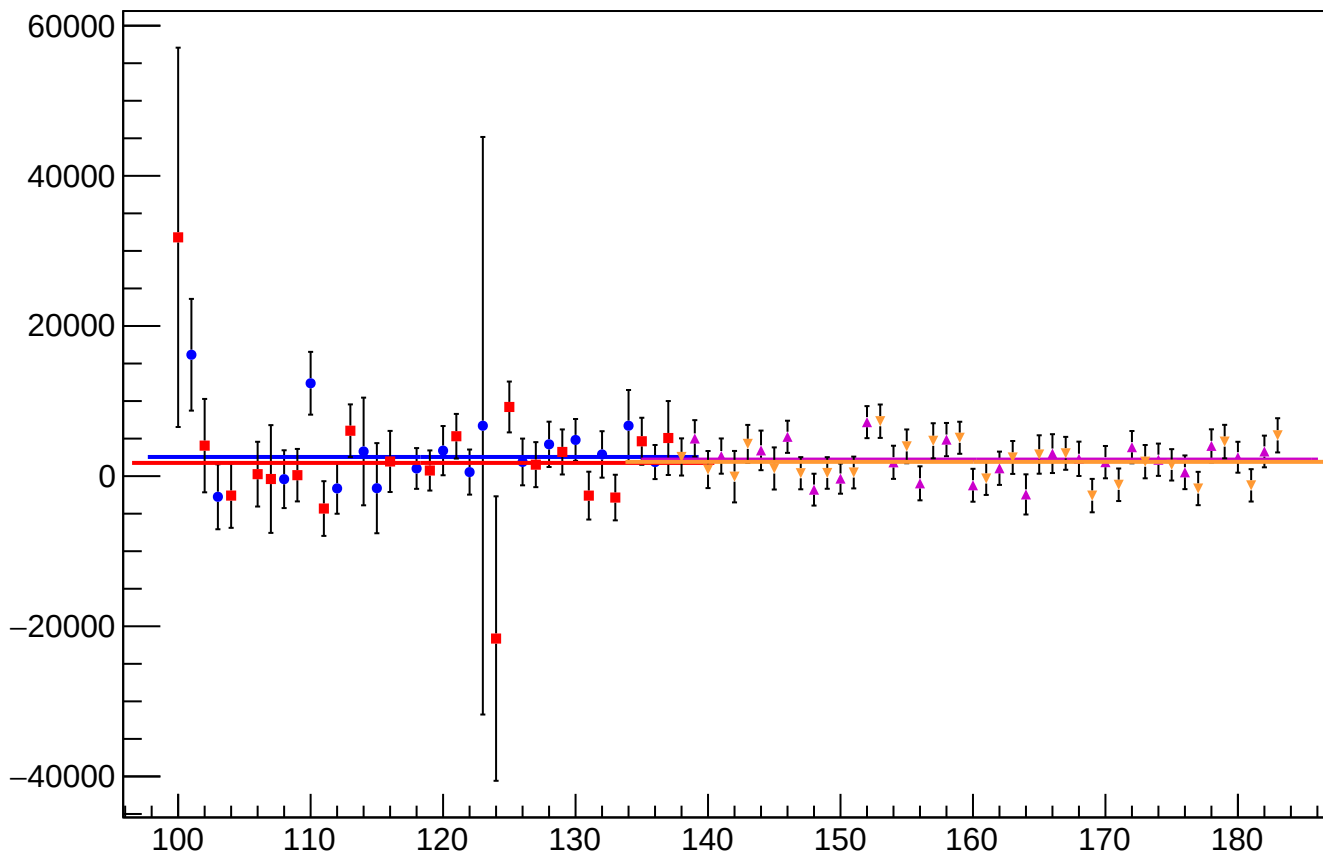
Right: 547.794 $\pm$ 0.115 χ^2 /NDF: 4387752.6/35

In: 506.884 $\pm$ 0.081 χ^2 /NDF: 8133017.7/38

Out: 494.920 $\pm$ 0.078 χ^2 /NDF: 9385319.3/42

All: 500.685 $\pm$ 0.056 χ^2 /NDF: 17529738.2/83

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2553.597 $\pm$ 858.906 χ^2/NDF : 15.7/16

Left Out: 1902.973 $\pm$ 466.249 χ^2/NDF : 29.6/23

Right Out: 1761.499 $\pm$ 854.672 χ^2/NDF : 20.9/18

Left In: 2205.894 $\pm$ 476.405 χ^2/NDF : 25.6/21

Left: 2051.170 $\pm$ 333.220 χ^2/NDF : 55.4/45

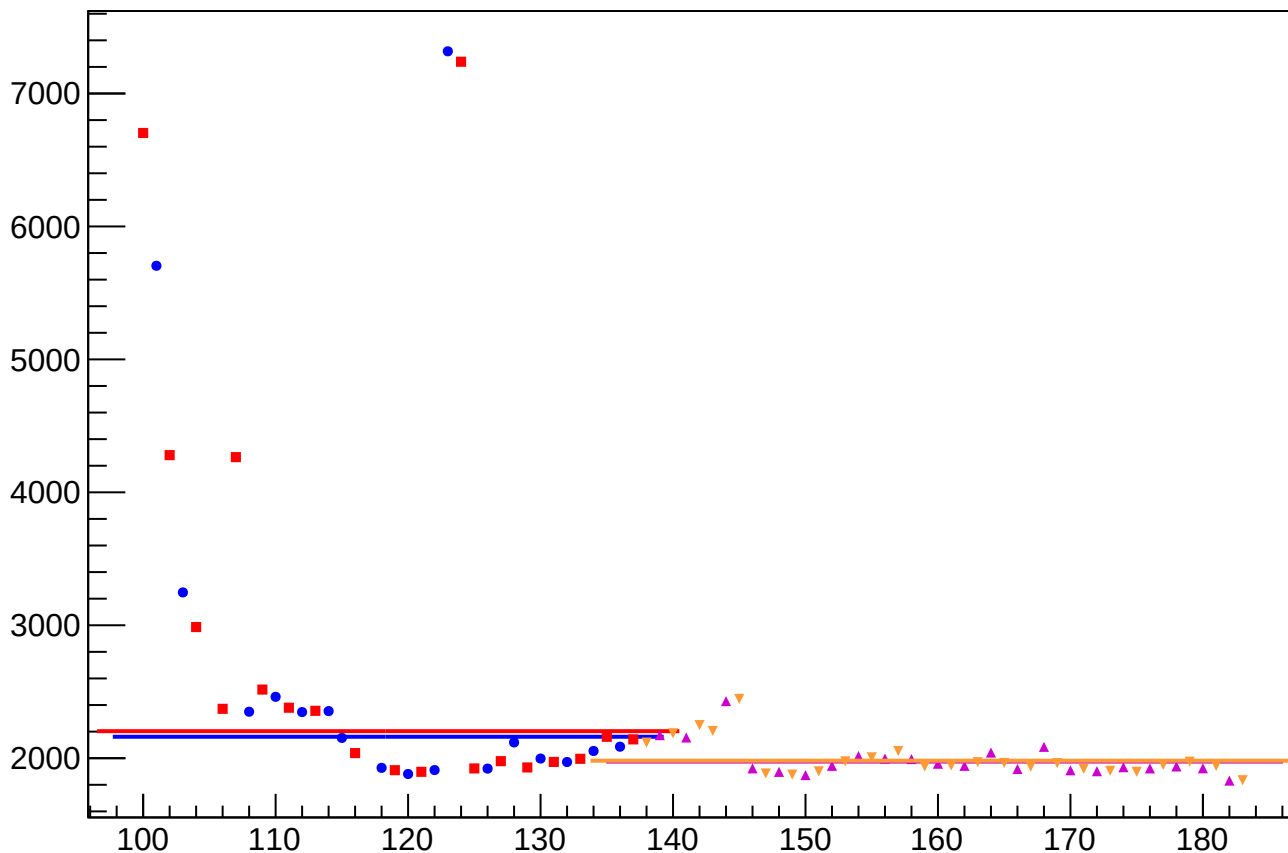
Right: 2155.591 $\pm$ 605.836 χ^2/NDF : 37.1/35

In: 2287.698 $\pm$ 416.610 χ^2/NDF : 41.4/38

Out: 1870.526 $\pm$ 409.305 χ^2/NDF : 50.6/42

All: 2075.423 $\pm$ 291.971 χ^2/NDF : 92.5/81

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2161.418+/-0.607 χ^2/NDF : 711253.3/16

Left Out: 1981.387+/-0.330 χ^2/NDF :135862.2/23

Right Out: 2203.343+/-0.604 χ^2/NDF : 797393.2/18

Left In: 1974.675+/-0.337 χ^2/NDF :119379.9/21

Left: 1978.103+/-0.236 χ^2/NDF : 255444.8/45

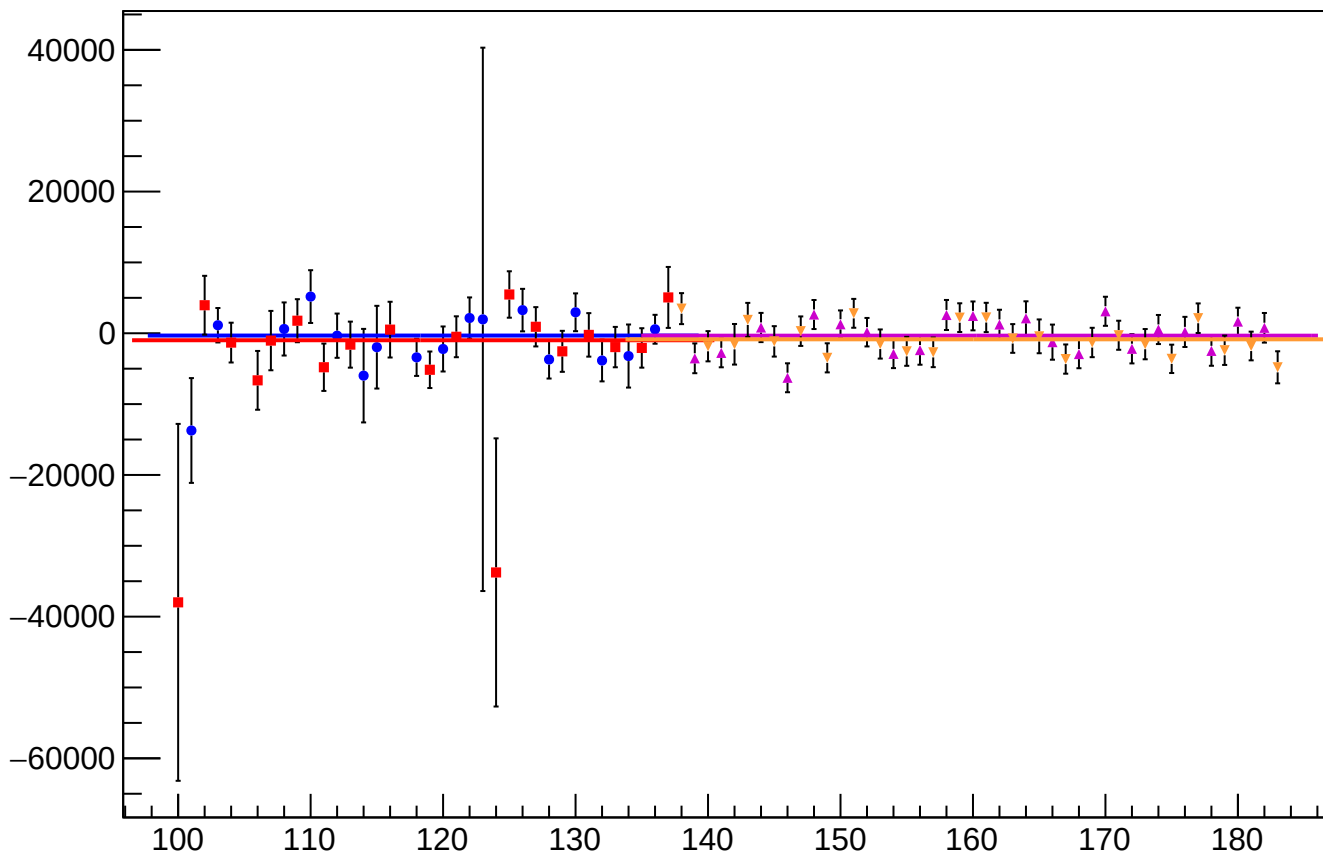
Right: 2182.484+/-0.428 χ^2/NDF : 1511040.8/35

In: 2018.611+/-0.295 χ^2/NDF :902932.8/38

Out: 2032.292+/-0.289 χ^2/NDF :1037205.6/42

All: 2025.572+/-0.206 χ^2/NDF : 1941235.9/81

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -323.738+/-779.509 χ^2/NDF : 15.7/16

Left Out: -855.232+/-433.358 χ^2/NDF : 26.6/23

Right Out: -985.900+/-769.924 χ^2/NDF : 20.4/18

Left In: -341.681+/-442.885 χ^2/NDF : 31.4/21

Left: -604.039+/-309.744 χ^2/NDF : 58.7/45

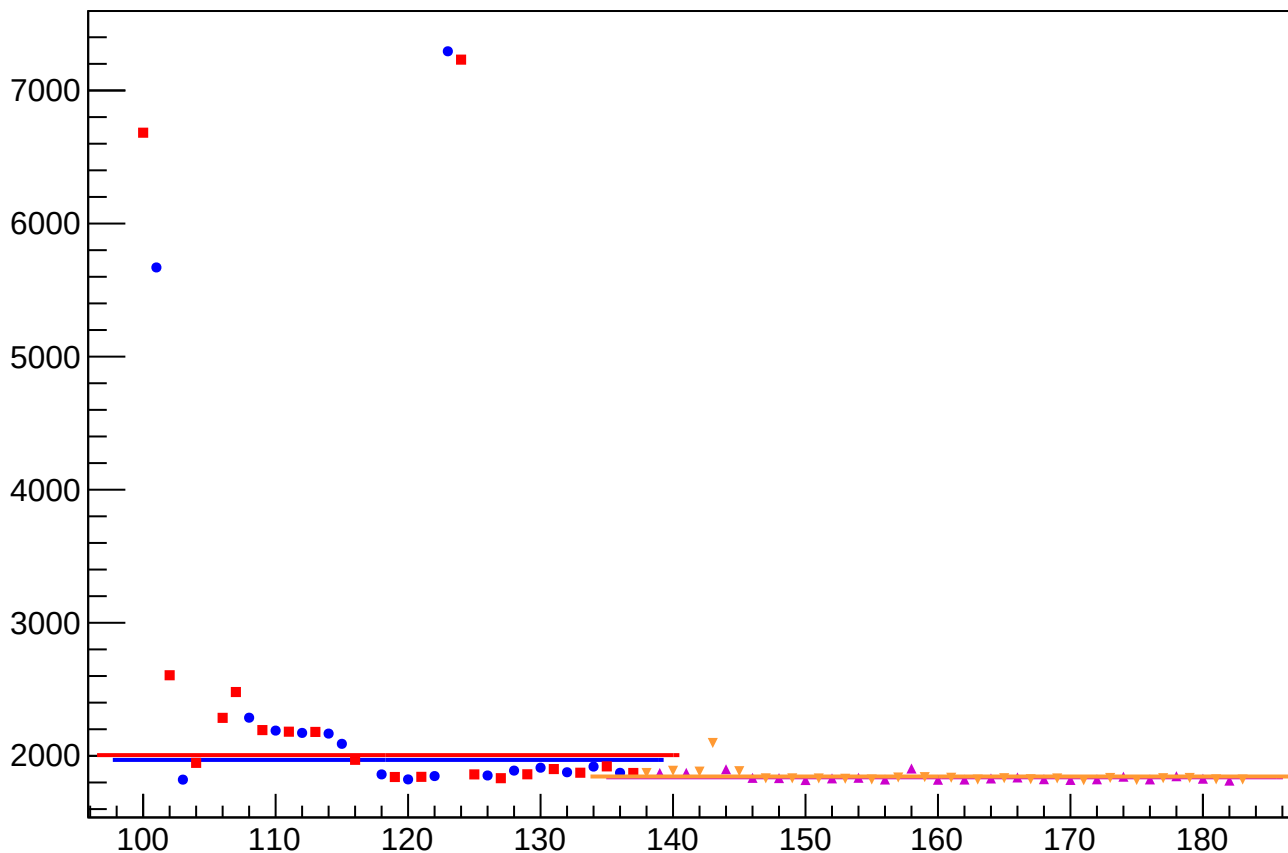
Right: -658.915+/-547.776 χ^2/NDF : 36.4/35

In: -337.302+/-385.073 χ^2/NDF : 47.1/38

Out: -886.669+/-377.647 χ^2/NDF : 47.0/42

All: -617.334+/-269.624 χ^2/NDF : 95.1/81

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1969.494+/-0.551 χ^2/NDF : 602810.5/16

Left Out: 1844.859+/-0.306 χ^2/NDF : 26834.6/23

Right Out: 2005.551+/-0.544 χ^2/NDF : 359644.9/18

Left In: 1838.854+/-0.313 χ^2/NDF : 6267.6/21

Left: 1841.922+/-0.219 χ^2/NDF : 33290.0/45

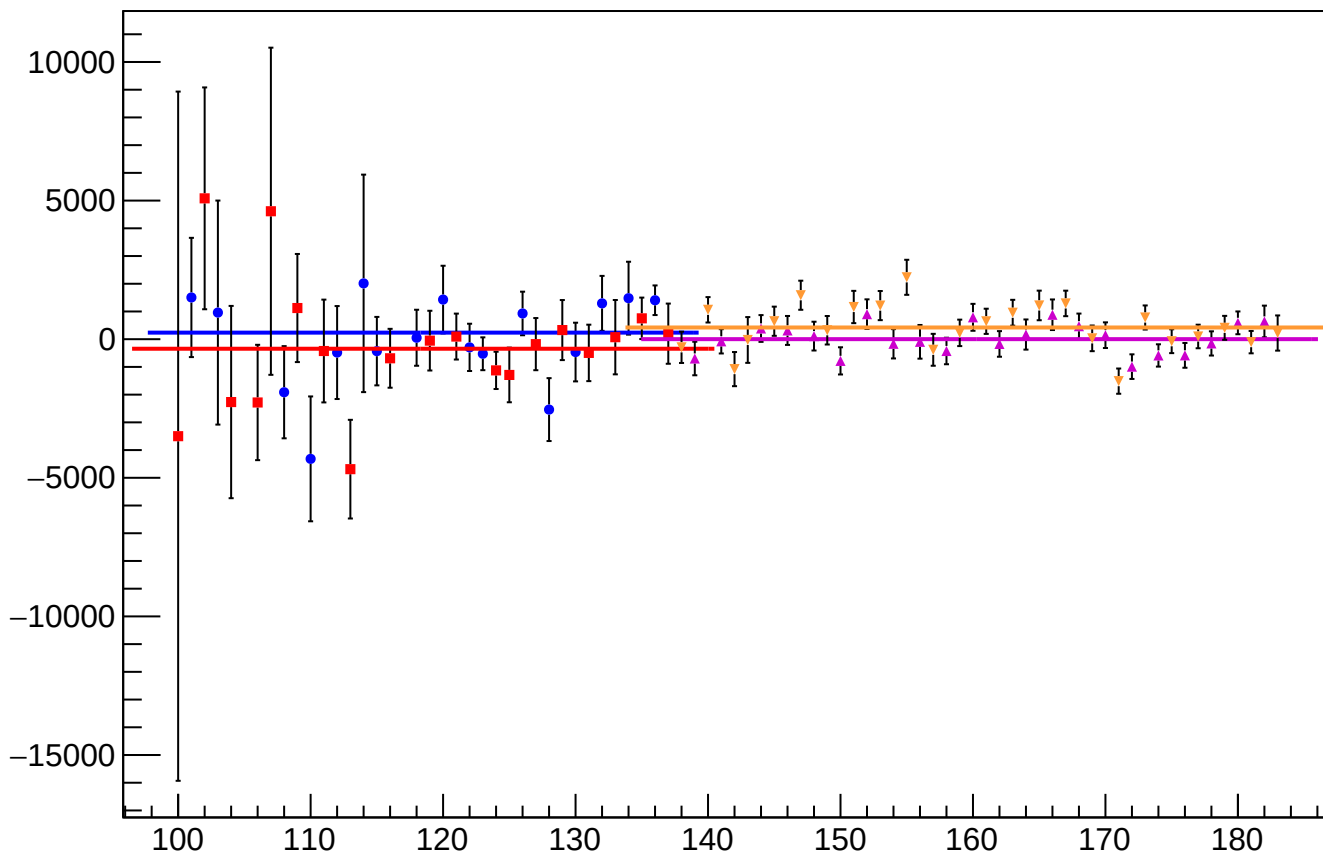
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

In: 1870.735+/-0.272 χ^2/NDF : 651544.3/38

Out: 1883.520+/-0.267 χ^2/NDF : 452640.8/42

All: 1877.252+/-0.191 χ^2/NDF : 1105308.9/81

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: 236.864+/-248.604 χ^2/NDF : 23.9/16

Left Out: 422.372+/-101.569 χ^2/NDF : 59.7/23

Right Out: -344.268+/-268.517 χ^2/NDF : 16.0/18

Left In: 1.769+/-103.440 χ^2/NDF : 27.5/21

Left: 215.909+/-72.473 χ^2/NDF : 95.6/45

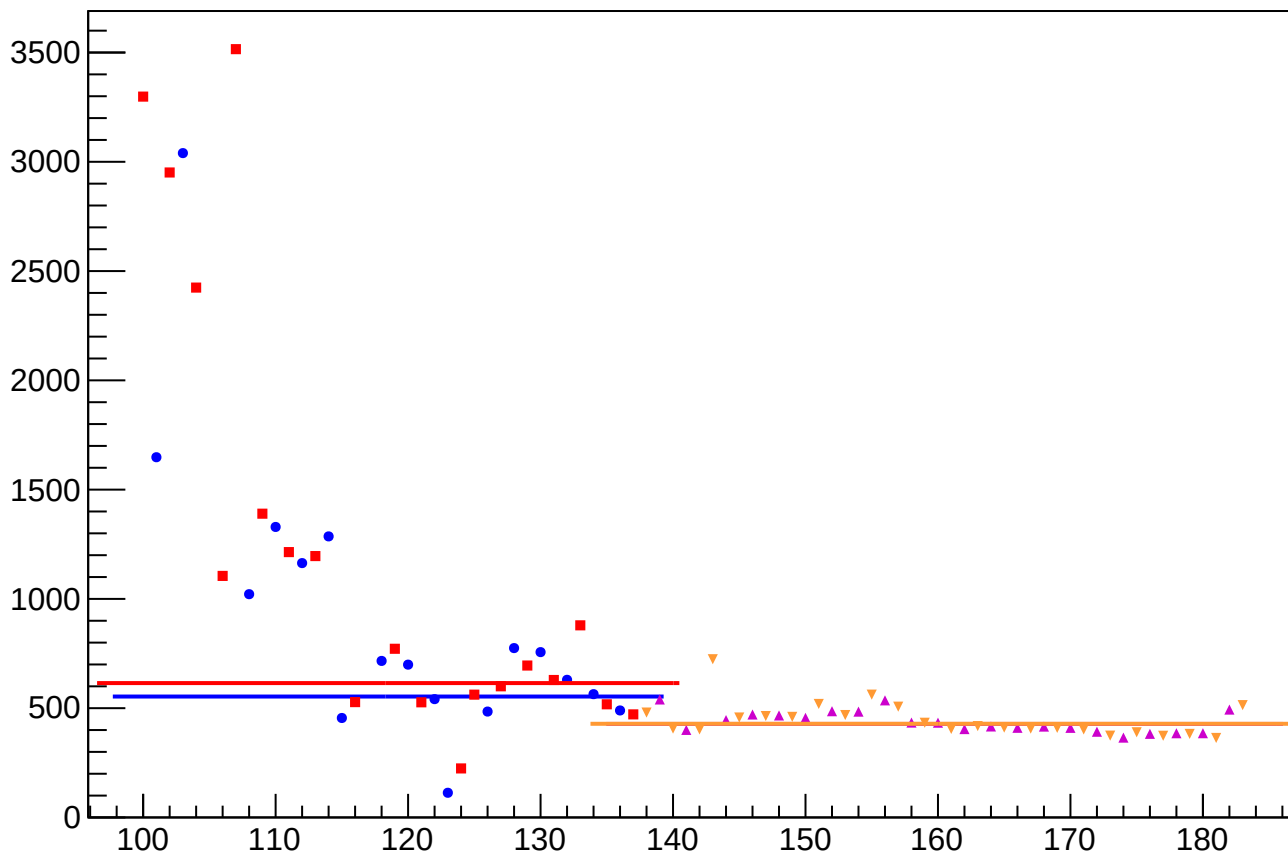
Right: -31.357+/-182.424 χ^2/NDF : 42.4/35

In: 36.463+/-95.503 χ^2/NDF : 52.2/38

Out: 326.411+/-95.000 χ^2/NDF : 82.8/42

All: 182.203+/-67.352 χ^2/NDF : 139.6/81

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 553.280+/-0.176 χ^2/NDF : 3412747.4/16

Left Out: 428.587+/-0.072 χ^2/NDF : 704327.0/23

Right Out: 614.829+/-0.190 χ^2/NDF : 3569607.7/18

Left In: 427.818+/-0.073 χ^2/NDF : 381084.7/21

Left: 428.209+/-0.051 χ^2/NDF : 1085467.9/45

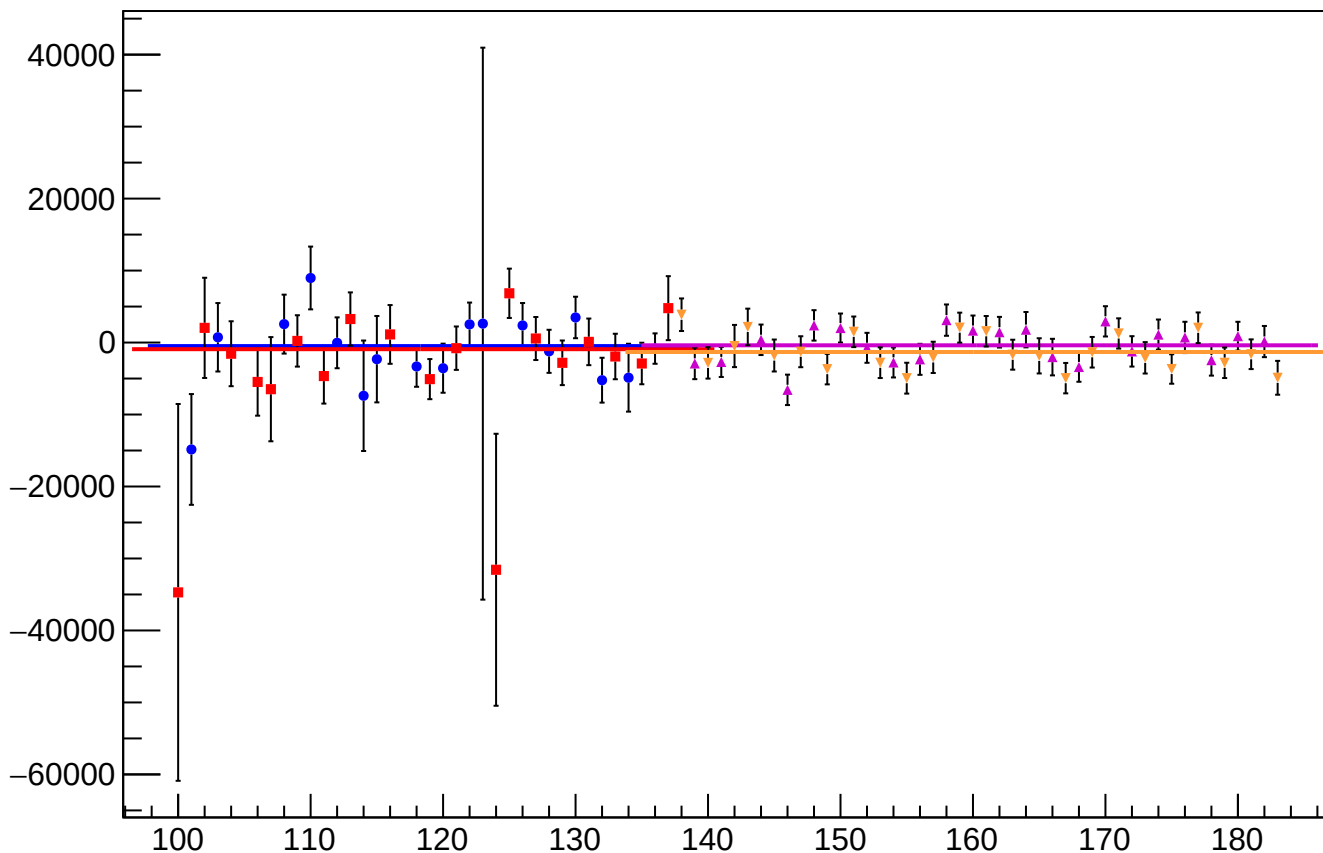
Right: 581.688+/-0.129 χ^2/NDF : 7038937.4/35

In: 446.333+/-0.068 χ^2/NDF : 4228035.1/38

Out: 451.899+/-0.067 χ^2/NDF : 5115656.4/42

All: 449.131+/-0.048 χ^2/NDF : 9347105.5/81

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -491.940+/-867.988 χ^2/NDF : 18.6/16

Left Out: -1310.224+/-446.152 χ^2/NDF :30.1/23

Right Out: -921.907+/-868.662 χ^2/NDF : 18.9/18

Left In: -383.197+/-455.422 χ^2/NDF :29.0/21

Left: -856.241+/-318.704 χ^2/NDF : 61.2/45

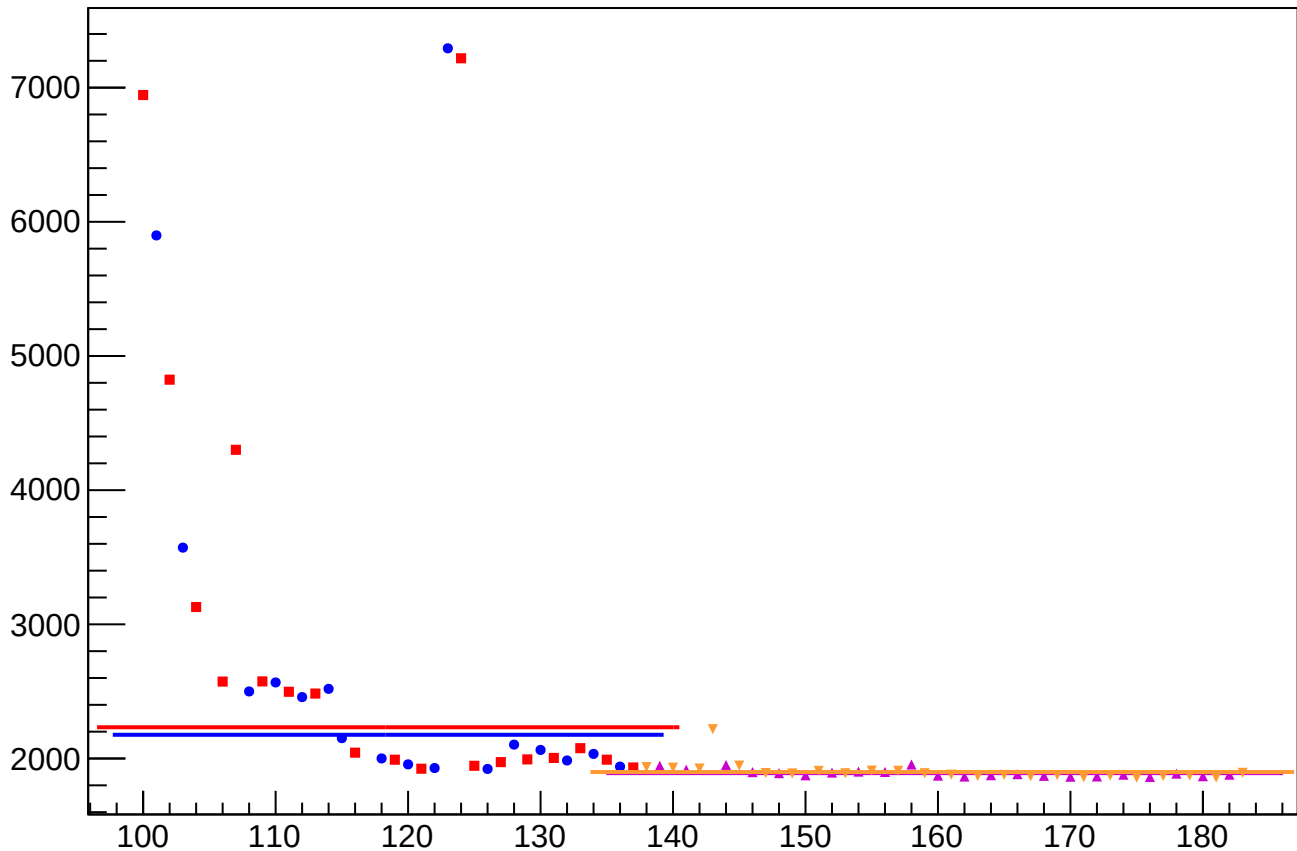
Right: -706.757+/-613.998 χ^2/NDF : 37.6/35

In: -406.671+/-403.282 χ^2/NDF :47.6/38

Out: -1229.170+/-396.867 χ^2/NDF :49.2/42

All: -824.514+/-282.868 χ^2/NDF : 98.8/81

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2176.746+/-0.614 χ^2/NDF : 802677.9/16

Left Out: 1899.197+/-0.315 χ^2/NDF : 38641.6/23

Right Out: 2232.883+/-0.614 χ^2/NDF : 890552.7/18

Left In: 1891.041+/-0.322 χ^2/NDF : 7283.9/21

Left: 1895.203+/-0.225 χ^2/NDF : 46252.8/45

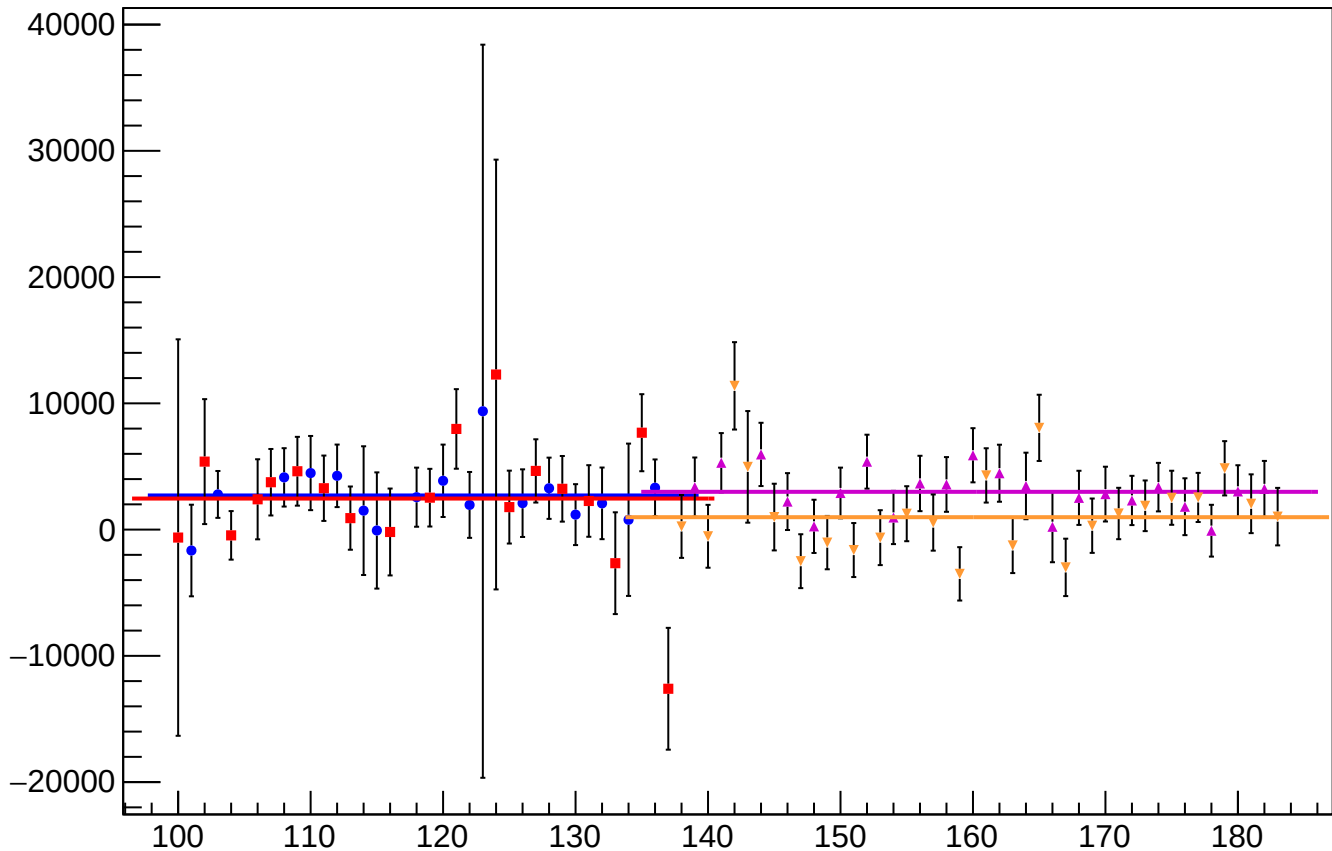
Right: 2204.793+/-0.434 χ^2/NDF : 1697410.2/35

In: 1952.716+/-0.285 χ^2/NDF : 979874.9/38

Out: 1968.848+/-0.281 χ^2/NDF : 1162717.9/42

All: 1960.912+/-0.200 χ^2/NDF : 2144218.6/81

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2703.508 $\pm$ 673.898 χ^2 /NDF: 4.0/16

Left Out: 983.062 $\pm$ 463.435 χ^2 /NDF:39.2/23

Right Out: 2458.734 $\pm$ 682.630 χ^2 /NDF: 23.2/18

Left In: 2991.800 $\pm$ 467.466 χ^2 /NDF:12.5/21

Left: 1978.731 $\pm$ 329.114 χ^2 /NDF: 61.0/45

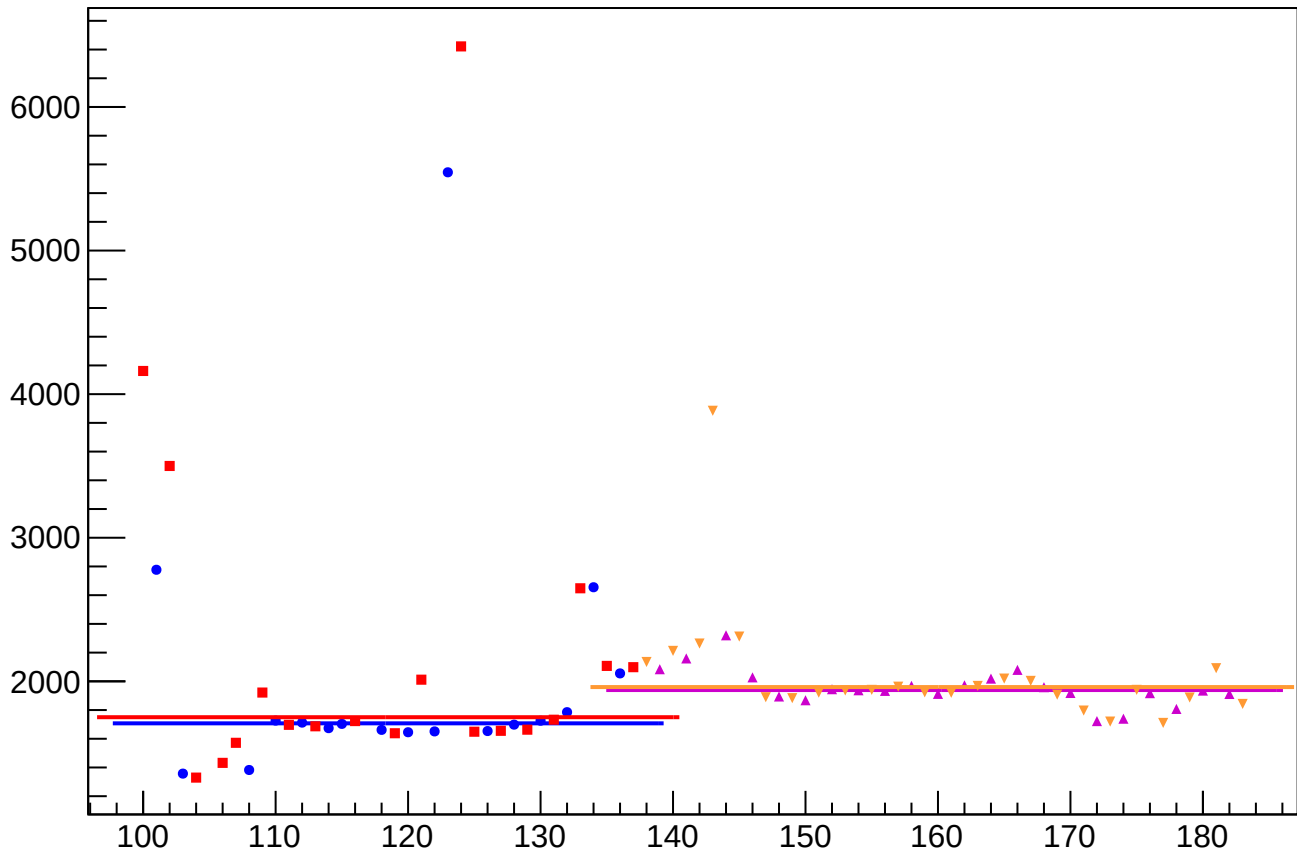
Right: 2582.696 $\pm$ 479.575 χ^2 /NDF: 27.3/35

In: 2898.144 $\pm$ 384.101 χ^2 /NDF:16.7/38

Out: 1448.622 $\pm$ 383.423 χ^2 /NDF:65.6/42

All: 2172.102 $\pm$ 271.361 χ^2 /NDF: 89.4/81

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1707.386+/-0.477 χ^2/NDF : 422166.4/16

Left Out: 1959.996+/-0.328 χ^2/NDF : 559051.0/23

Right Out: 1750.114+/-0.483 χ^2/NDF : 746498.0/18

Left In: 1939.283+/-0.331 χ^2/NDF : 141165.4/21

Left: 1949.729+/-0.233 χ^2/NDF : 702196.7/45

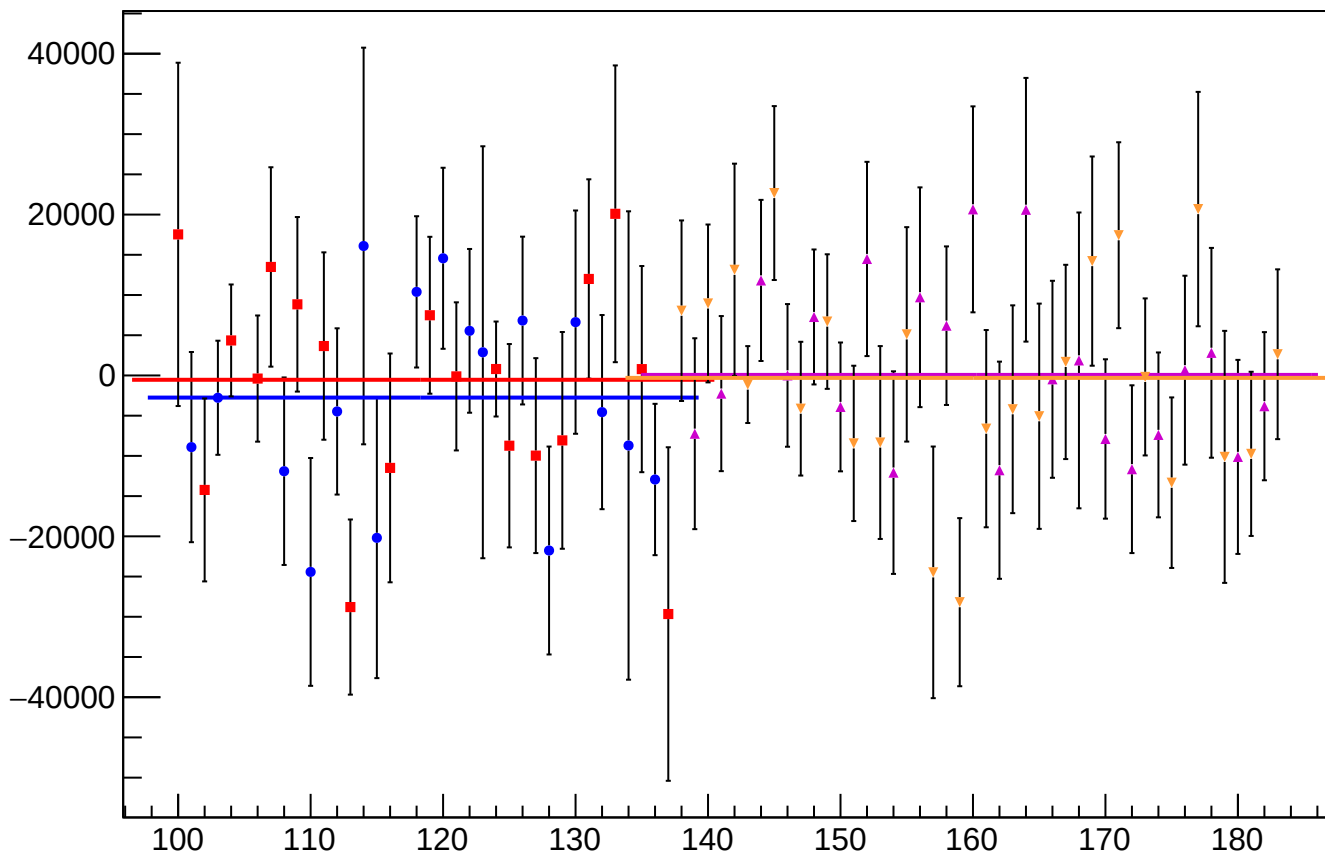
Right: 1728.481+/-0.339 χ^2/NDF : 1172634.0/35

In: 1863.948+/-0.272 χ^2/NDF : 723222.1/38

Out: 1893.755+/-0.271 χ^2/NDF : 1435013.3/42

All: 1878.879+/-0.192 χ^2/NDF : 2164268.9/81

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -2750.725+/-2842.399 χ^2/NDF : 14.6/16

Left Out: -302.539+/-2101.355 χ^2/NDF : 27.8/23

Right Out: -538.445+/-2424.977 χ^2/NDF : 18.5/18

Left In: 67.198+/-2326.218 χ^2/NDF : 14.4/21

Left: -136.400+/-1559.336 χ^2/NDF : 42.2/45

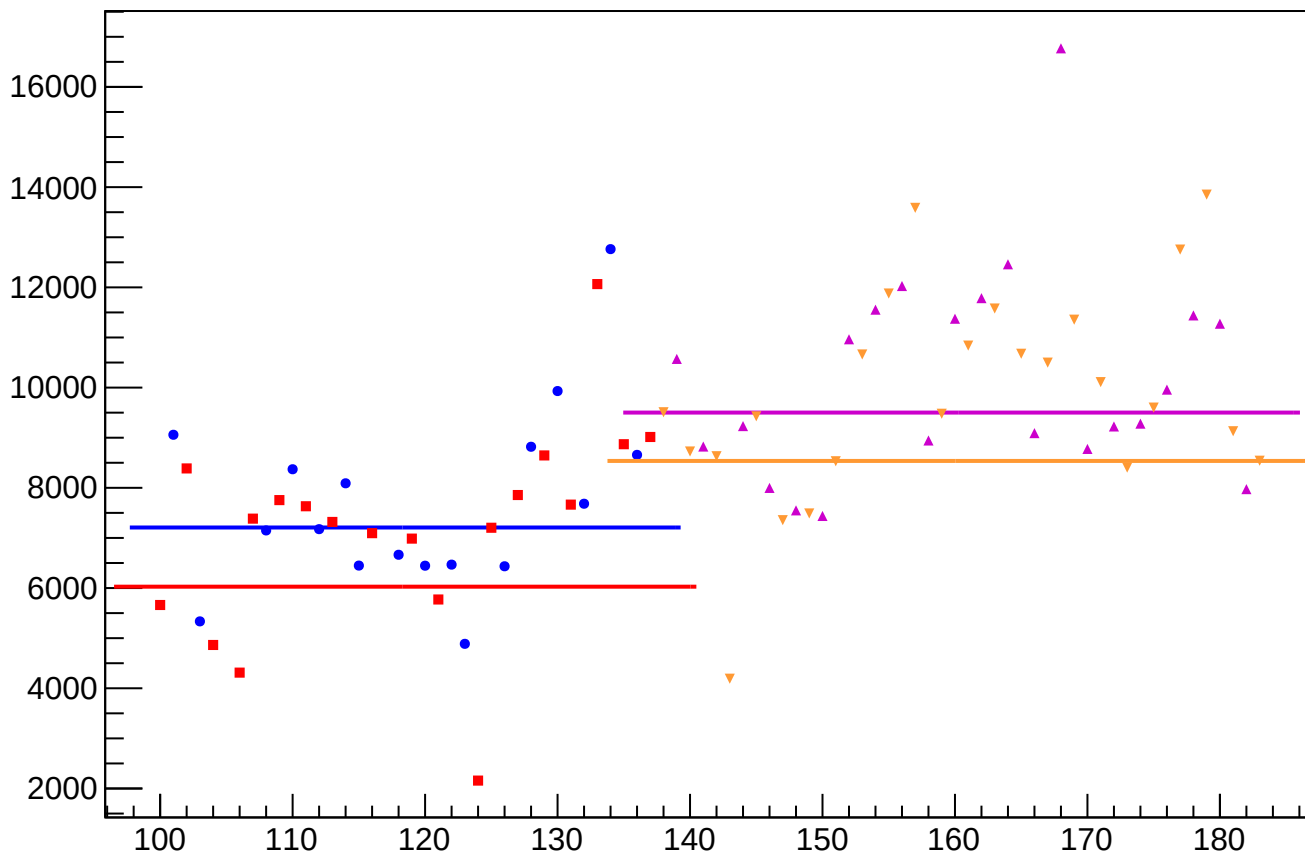
Right: -1470.363+/-1844.820 χ^2/NDF : 33.4/35

In: -1063.121+/-1800.202 χ^2/NDF : 29.5/38

Out: -403.711+/-1588.066 χ^2/NDF : 46.3/42

All: -692.292+/-1190.906 χ^2/NDF : 75.9/81

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 7208.346+/-2.010 χ^2/NDF : 493749.9/16

Left Out: 8536.653+/-1.486 χ^2/NDF : 3004249.0/23

Right Out: 6027.409+/-1.715 χ^2/NDF : 1798157.6/18

Left In: 9501.595+/-1.645 χ^2/NDF : 1121750.3/21

Left: 8970.244+/-1.103 χ^2/NDF : 4315500.5/45

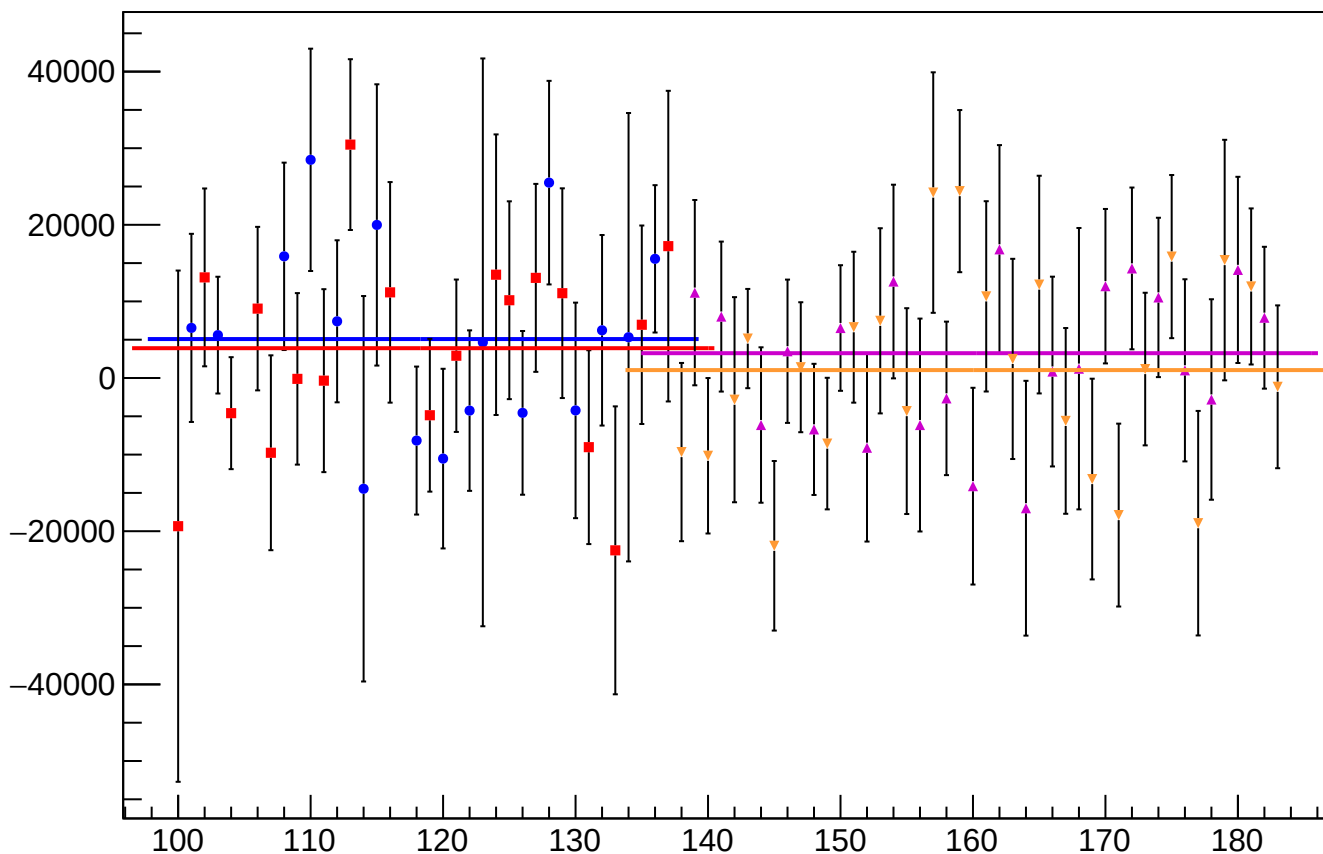
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

In: 8581.732+/-1.273 χ^2/NDF : 2395157.3/38

Out: 7460.524+/-1.123 χ^2/NDF : 6025440.4/42

All: 7951.204+/-0.842 χ^2/NDF : 8856890.3/81

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 5084.628 $\pm$ 2955.245 χ^2 /NDF: 14.0/16

Left Out: 1032.591 $\pm$ 2231.505 χ^2 /NDF: 27.0/23

Right Out: 3892.007 $\pm$ 2790.271 χ^2 /NDF: 15.7/18

Left In: 3240.040 $\pm$ 2363.934 χ^2 /NDF: 13.4/21

Left: 2072.755 $\pm$ 1622.710 χ^2 /NDF: 40.8/45

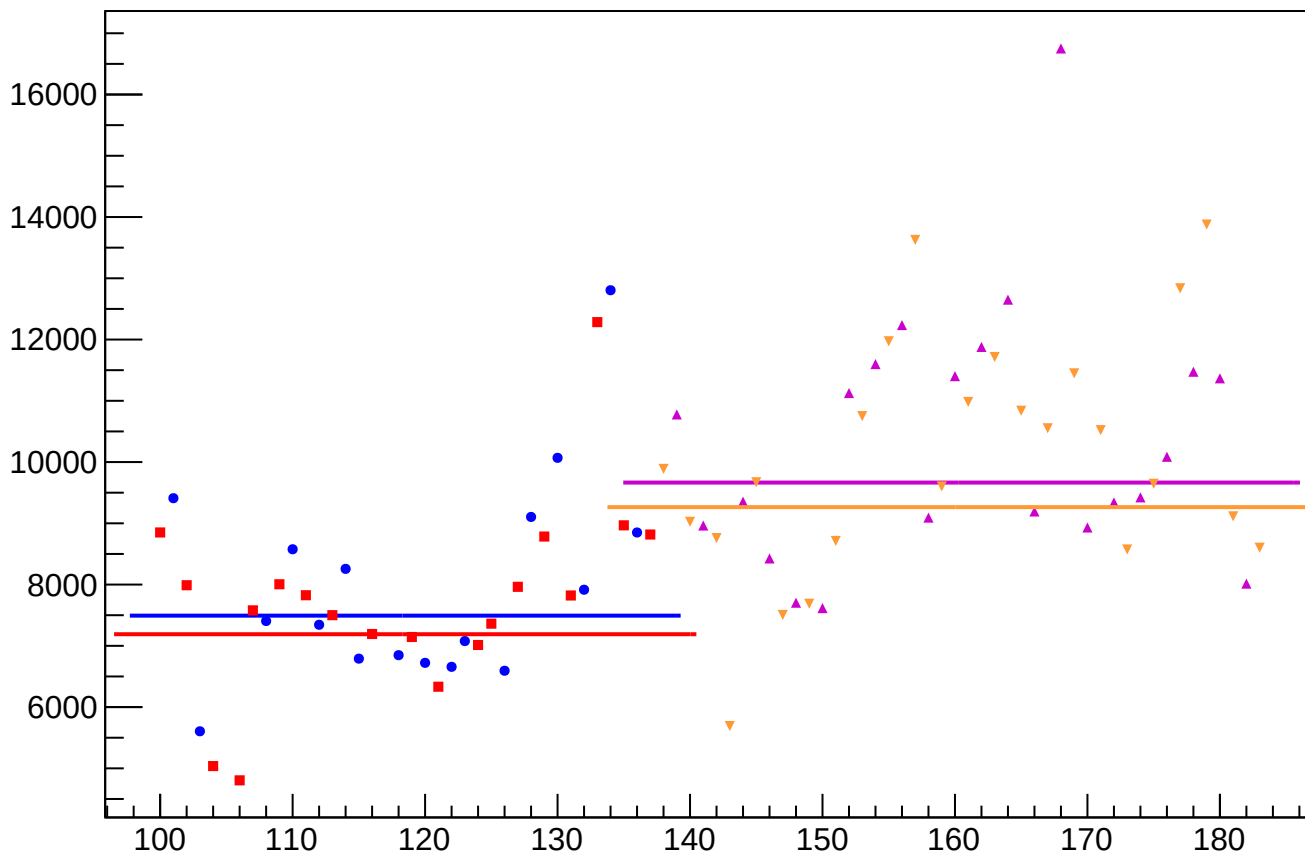
Right: 4454.101 $\pm$ 2028.836 χ^2 /NDF: 29.7/35

In: 3959.782 $\pm$ 1846.002 χ^2 /NDF: 27.6/38

Out: 2148.027 $\pm$ 1742.729 χ^2 /NDF: 43.3/42

All: 3001.811 $\pm$ 1267.233 χ^2 /NDF: 71.4/81

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7492.918+/-2.090 χ^2/NDF : 437084.4/16

Left Out: 9264.377+/-1.578 χ^2/NDF : 1593951.5/23

Right Out: 7189.504+/-1.973 χ^2/NDF : 560893.8/18

Left In: 9665.300+/-1.672 χ^2/NDF : 1055899.1/21

Left: 9453.294+/-1.147 χ^2/NDF : 2680271.2/45

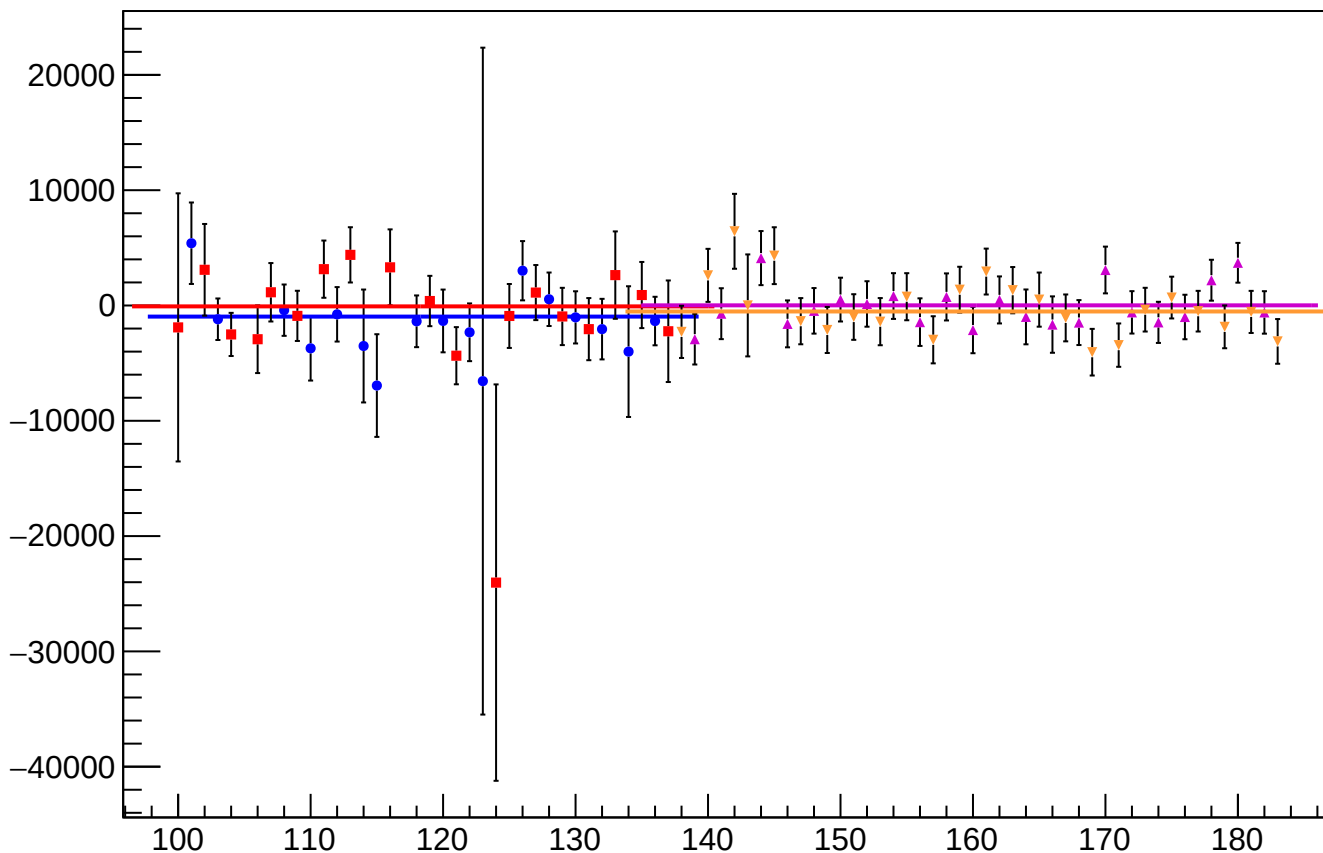
Right: 7332.491+/-1.434 χ^2/NDF : 1009125.7/35

In: 8817.629+/-1.305 χ^2/NDF : 2152040.2/38

Out: 8454.859+/-1.232 χ^2/NDF : 2829454.7/42

All: 8625.806+/-0.896 χ^2/NDF : 5022337.0/81

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -962.541 $\pm$ 643.025 χ^2 /NDF: 10.1/16

Left Out: -517.999 $\pm$ 421.313 χ^2 /NDF:27.1/23

Right Out: -76.747 $\pm$ 633.483 χ^2 /NDF: 16.7/18

Left In: 13.624 $\pm$ 425.567 χ^2 /NDF:18.5/21

Left: -254.858 $\pm$ 299.406 χ^2 /NDF: 46.3/45

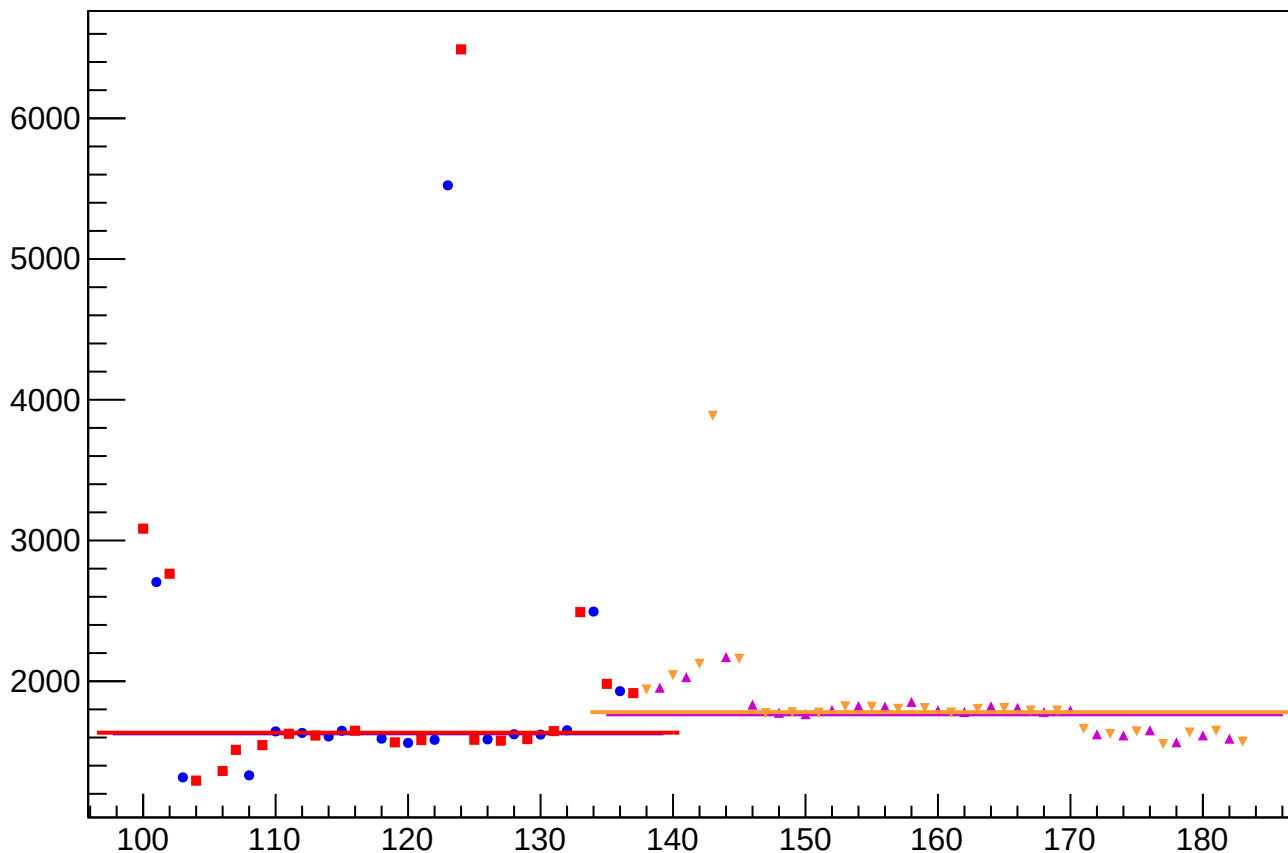
Right: -513.024 $\pm$ 451.276 χ^2 /NDF: 27.8/35

In: -283.710 $\pm$ 354.885 χ^2 /NDF:30.1/38

Out: -382.679 $\pm$ 350.811 χ^2 /NDF:44.2/42

All: -333.765 $\pm$ 249.489 χ^2 /NDF: 74.3/81

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1629.954+/-0.455 χ^2/NDF : 408151.7/16

Left Out: 1780.161+/-0.298 χ^2/NDF : 674538.6/23

Right Out: 1634.258+/-0.448 χ^2/NDF : 588649.4/18

Left In: 1764.993+/-0.301 χ^2/NDF : 207202.5/21

Left: 1772.654+/-0.212 χ^2/NDF : 883024.2/45

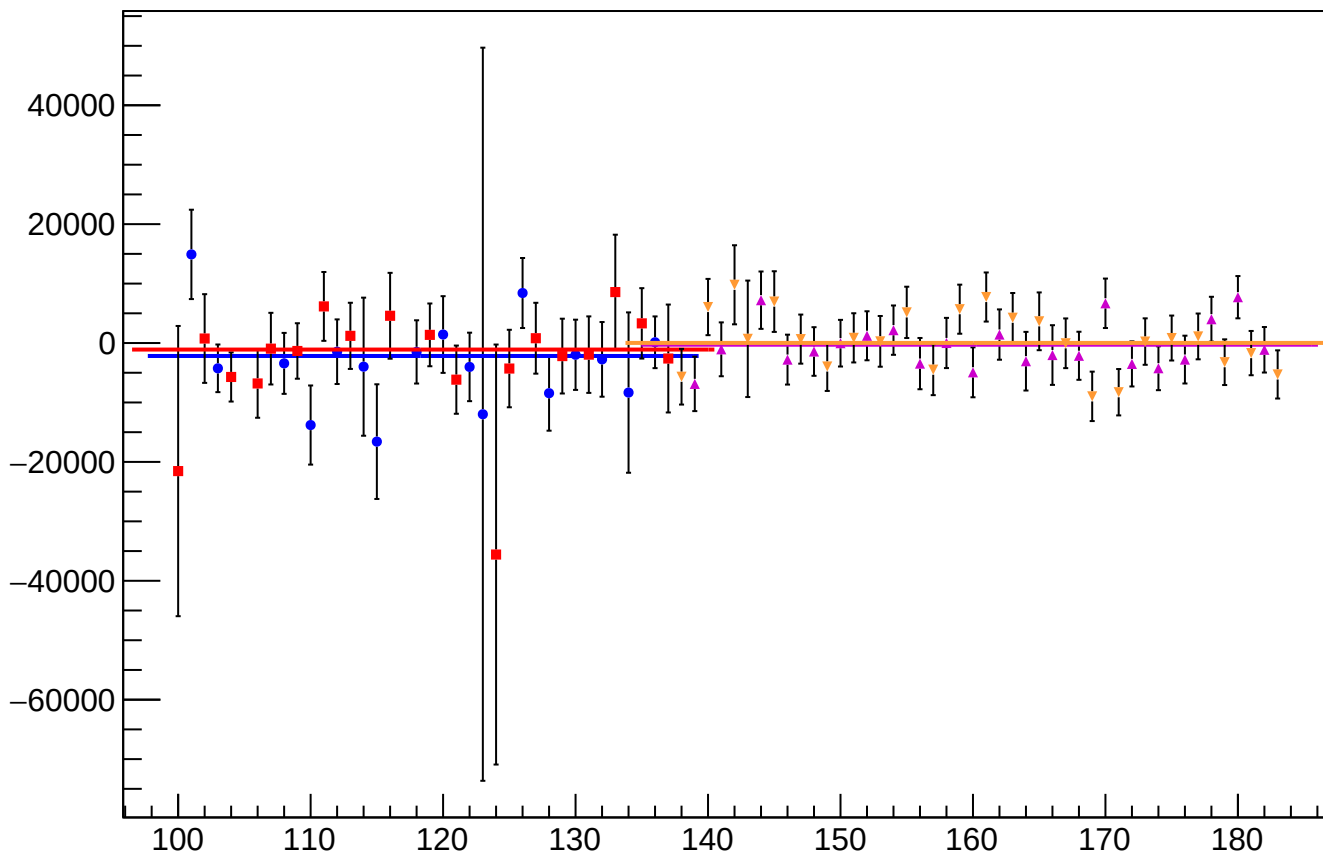
Right: 1632.138+/-0.319 χ^2/NDF : 996846.6/35

In: 1723.861+/-0.251 χ^2/NDF : 676693.1/38

Out: 1735.416+/-0.248 χ^2/NDF : 1336746.2/42

All: 1729.706+/-0.176 χ^2/NDF : 2014511.7/81

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -2179.244 ± 1493.026 $\chi^2/\text{NDF}: 16.0/16$

Left Out: 19.417 ± 876.226 $\chi^2/\text{NDF}: 29.6/23$

Right Out: -1098.345 ± 1439.820 $\chi^2/\text{NDF}: 9.3/18$

Left In: -286.125 ± 883.166 $\chi^2/\text{NDF}: 19.5/21$

Left: -132.149 ± 622.024 $\chi^2/\text{NDF}: 49.1/45$

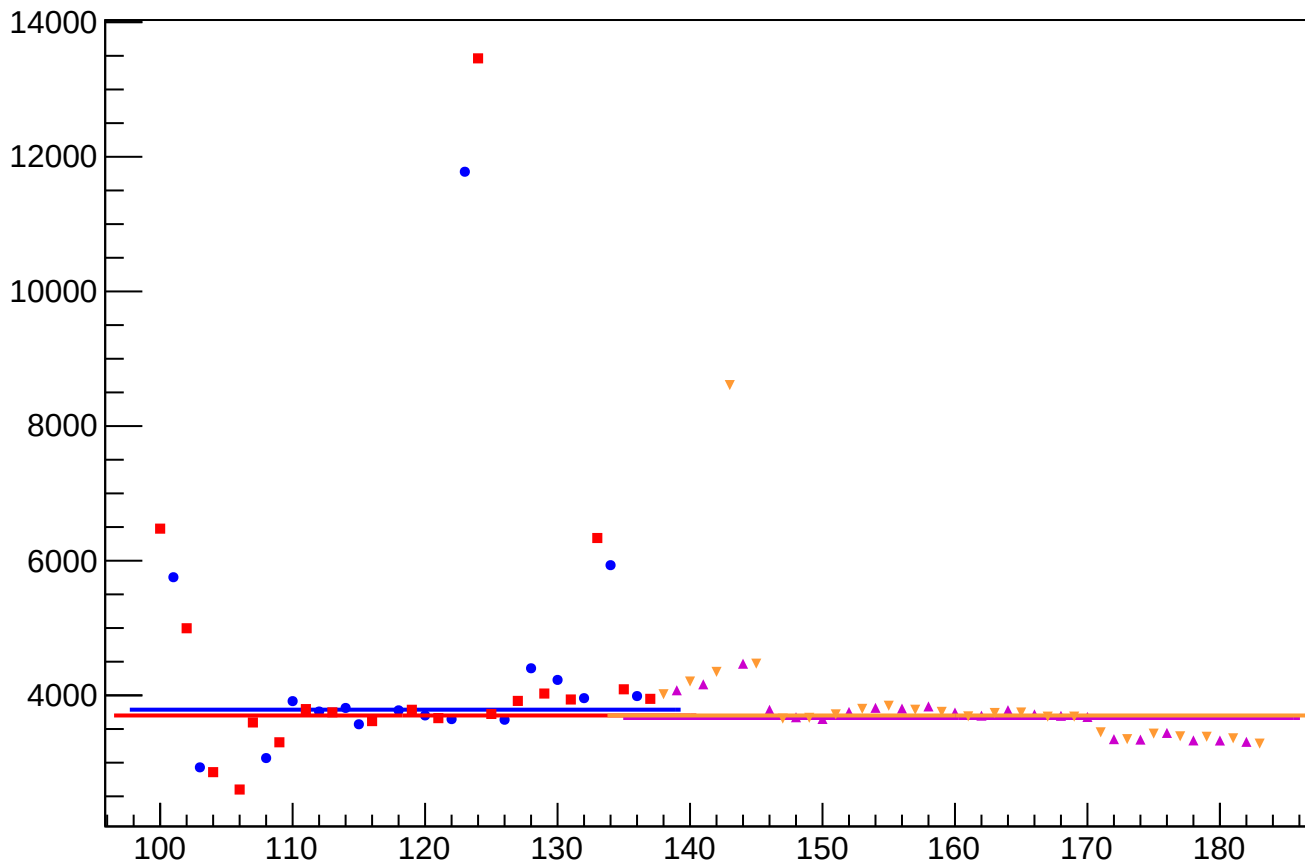
Right: -1619.192 ± 1036.406 $\chi^2/\text{NDF}: 25.5/35$

In: -776.835 ± 760.135 $\chi^2/\text{NDF}: 36.7/38$

Out: -282.671 ± 748.514 $\chi^2/\text{NDF}: 39.3/42$

All: -525.947 ± 533.340 $\chi^2/\text{NDF}: 76.2/81$

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 3787.301+/-1.056 χ^2/NDF : 392650.8/16

Left Out: 3701.113+/-0.620 χ^2/NDF : 702395.3/23

Right Out: 3700.932+/-1.018 χ^2/NDF : 581094.9/18

Left In: 3663.659+/-0.624 χ^2/NDF : 194758.7/21

Left: 3682.534+/-0.440 χ^2/NDF : 898966.6/45

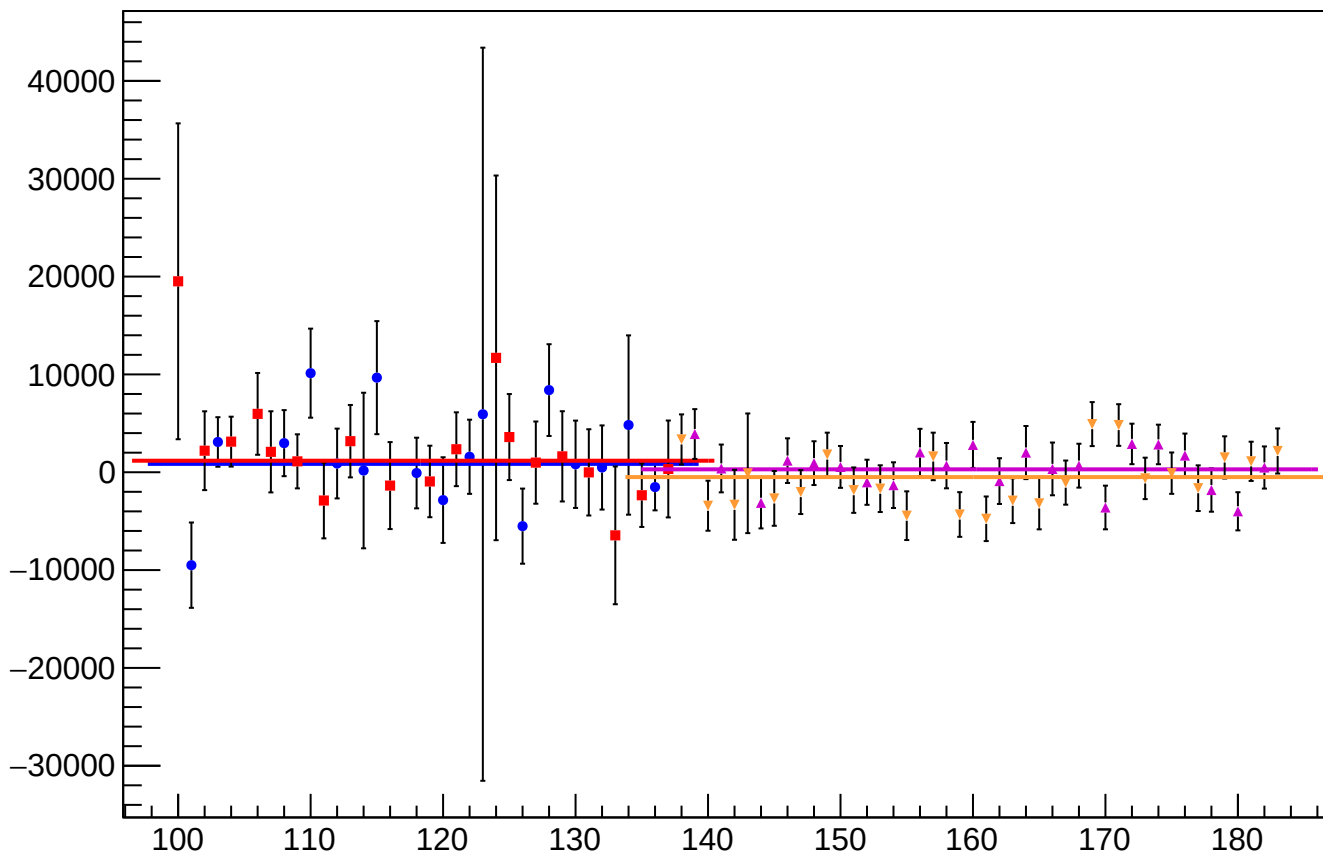
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

In: 3695.708+/-0.537 χ^2/NDF : 597570.3/38

Out: 3701.064+/-0.529 χ^2/NDF : 1283490.2/42

All: 3698.427+/-0.377 χ^2/NDF : 1881110.9/81

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 856.187 $\pm$ 964.743 χ^2 /NDF: 20.7/16

Left Out: -494.283 $\pm$ 485.466 χ^2 /NDF:33.9/23

Right Out: 1178.044 $\pm$ 925.669 χ^2 /NDF: 8.6/18

Left In: 296.483 $\pm$ 487.864 χ^2 /NDF:19.5/21

Left: -100.849 $\pm$ 344.121 χ^2 /NDF: 54.7/45

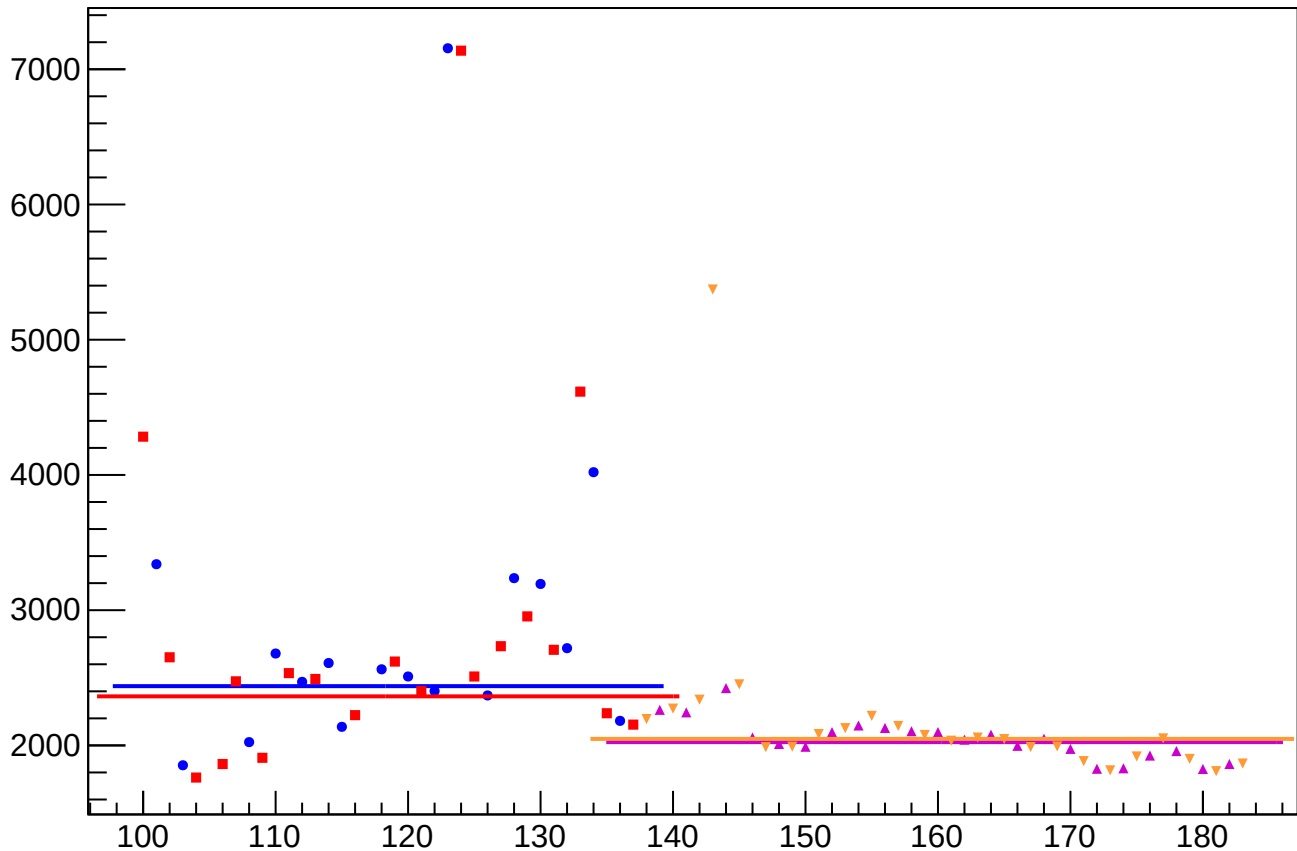
Right: 1023.765 $\pm$ 667.934 χ^2 /NDF: 29.3/35

In: 410.465 $\pm$ 435.363 χ^2 /NDF:40.4/38

Out: -133.538 $\pm$ 429.928 χ^2 /NDF:45.0/42

All: 135.047 $\pm$ 305.908 χ^2 /NDF: 86.2/81

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2438.275+/-0.682 χ^2/NDF : 476723.4/16

Left Out: 2048.273+/-0.343 χ^2/NDF : 782256.5/23

Right Out: 2362.739+/-0.655 χ^2/NDF : 657525.3/18

Left In: 2024.431+/-0.345 χ^2/NDF : 173836.4/21

Left: 2036.411+/-0.243 χ^2/NDF : 958492.9/45

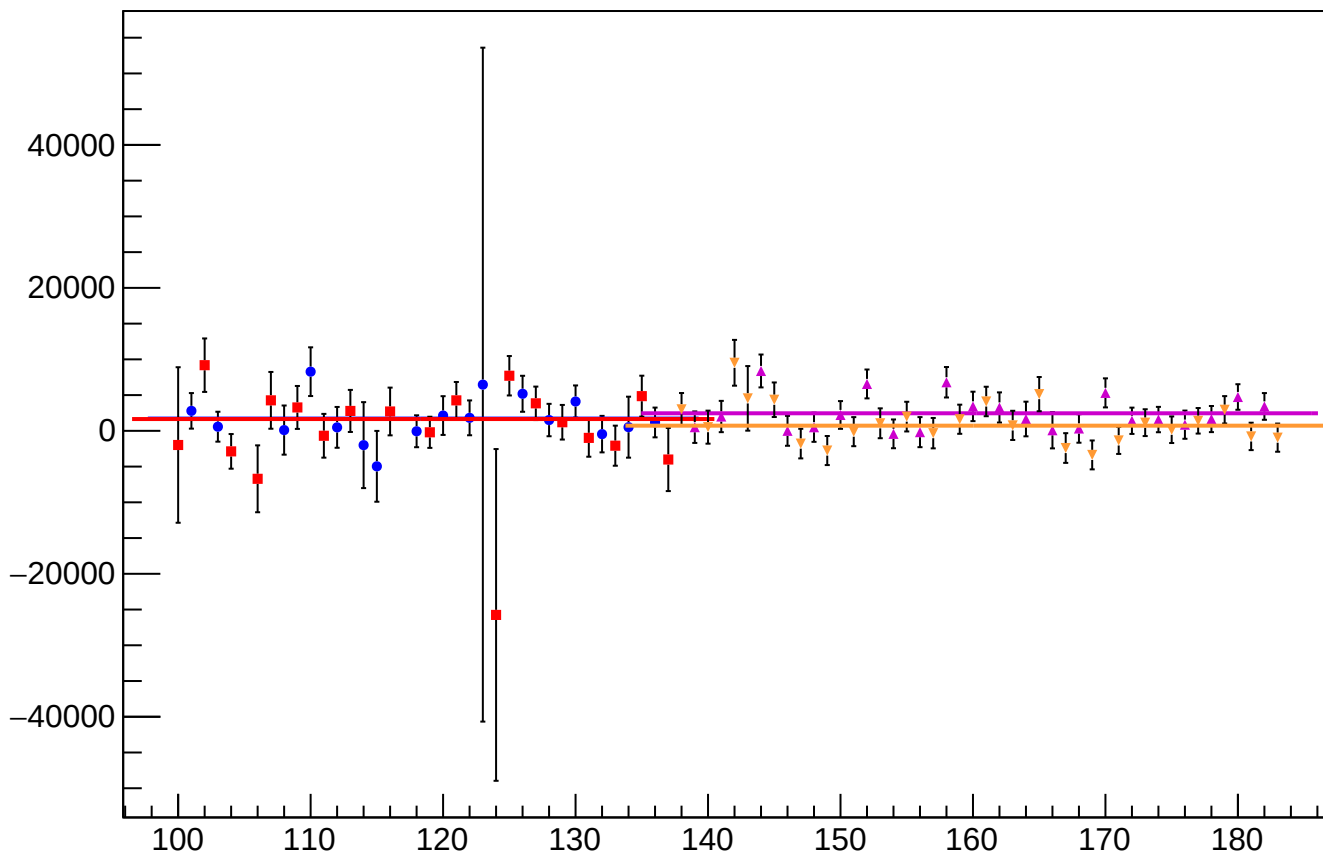
Right: 2398.946+/-0.472 χ^2/NDF : 1140632.3/35

In: 2108.710+/-0.308 χ^2/NDF : 943640.4/38

Out: 2116.108+/-0.304 χ^2/NDF : 1620809.1/42

All: 2112.455+/-0.216 χ^2/NDF : 2564741.9/81

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1712.566 $\pm$ 667.149 χ^2 /NDF: 11.4/16

Left Out: 723.600 $\pm$ 428.989 χ^2 /NDF:33.6/23

Right Out: 1650.522 $\pm$ 694.283 χ^2 /NDF: 27.0/18

Left In: 2455.663 $\pm$ 433.353 χ^2 /NDF:29.4/21

Left: 1580.867 $\pm$ 304.872 χ^2 /NDF: 71.0/45

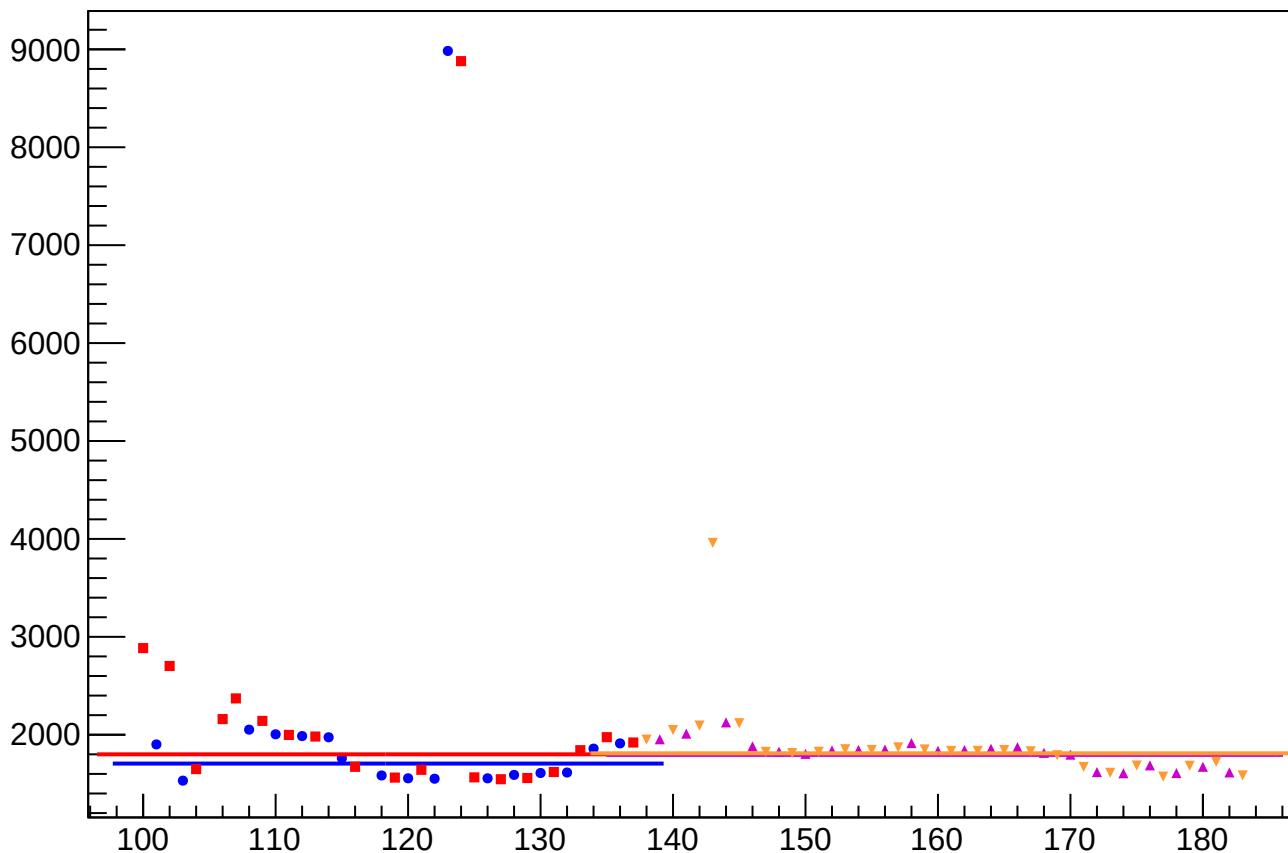
Right: 1682.780 $\pm$ 481.052 χ^2 /NDF: 38.3/35

In: 2235.165 $\pm$ 363.415 χ^2 /NDF:41.7/38

Out: 979.708 $\pm$ 364.944 χ^2 /NDF:61.8/42

All: 1610.071 $\pm$ 257.512 χ^2 /NDF: 109.4/81

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1705.624 $\pm$ 0.472 χ^2 /NDF: 194174.2/16

Left Out: 1810.388 $\pm$ 0.303 χ^2 /NDF: 651377.2/23

Right Out: 1799.992 $\pm$ 0.490 χ^2 /NDF: 538779.9/18

Left In: 1794.260 $\pm$ 0.306 χ^2 /NDF: 185941.3/21

Left: 1802.406 $\pm$ 0.216 χ^2 /NDF: 838717.6/45

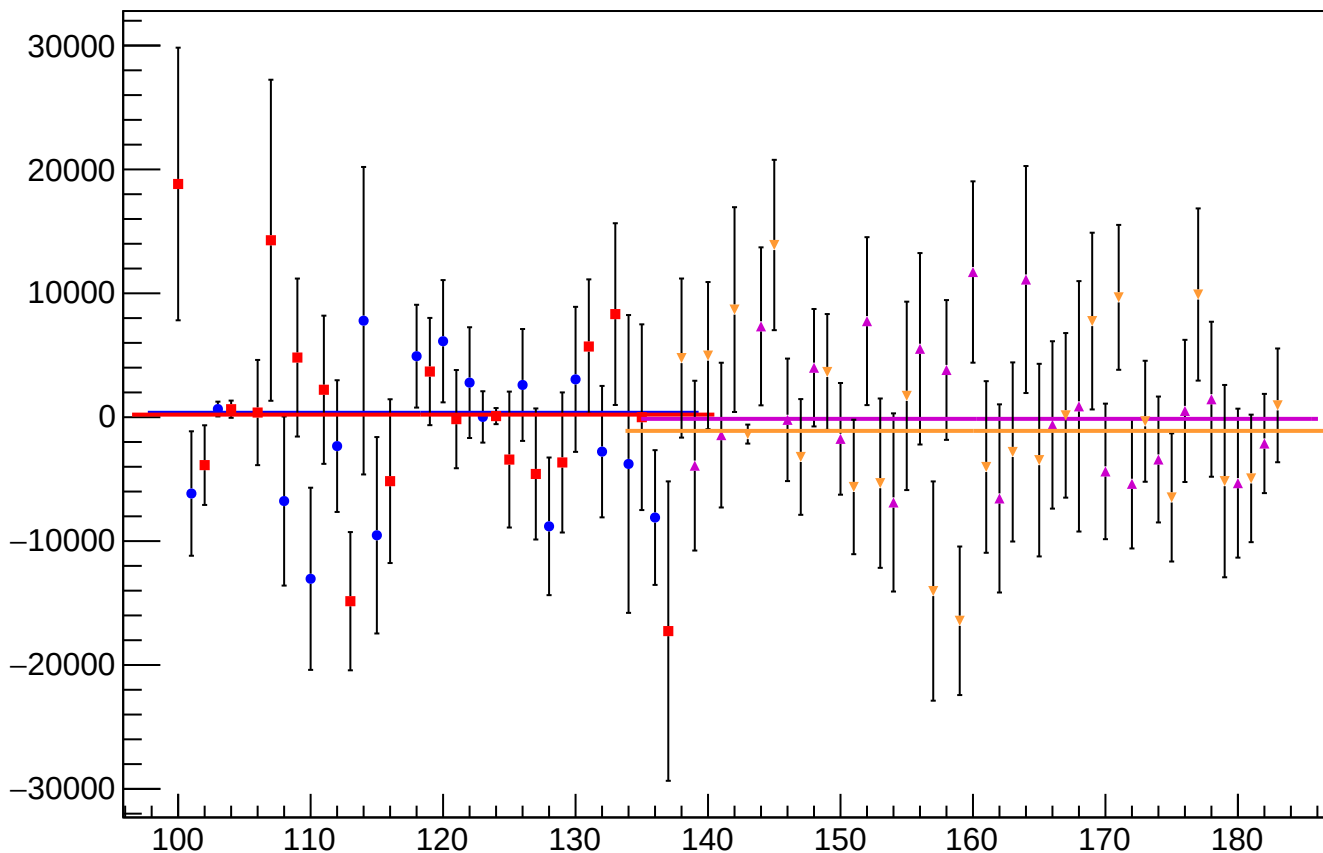
Right: 1751.031 $\pm$ 0.340 χ^2 /NDF: 752208.6/35

In: 1767.959 $\pm$ 0.257 χ^2 /NDF: 404942.6/38

Out: 1807.506 $\pm$ 0.258 χ^2 /NDF: 1190482.6/42

All: 1787.662 $\pm$ 0.182 χ^2 /NDF: 1607224.9/83

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 357.025 $\pm$ 533.209 χ^2/NDF : 17.5/16

Left Out: -1103.711 $\pm$ 655.555 χ^2/NDF : 29.2/23

Right Out: 209.907 $\pm$ 446.627 χ^2/NDF : 21.4/18

Left In: -132.810 $\pm$ 1256.340 χ^2/NDF : 13.8/21

Left: -895.933 $\pm$ 581.191 χ^2/NDF : 43.5/45

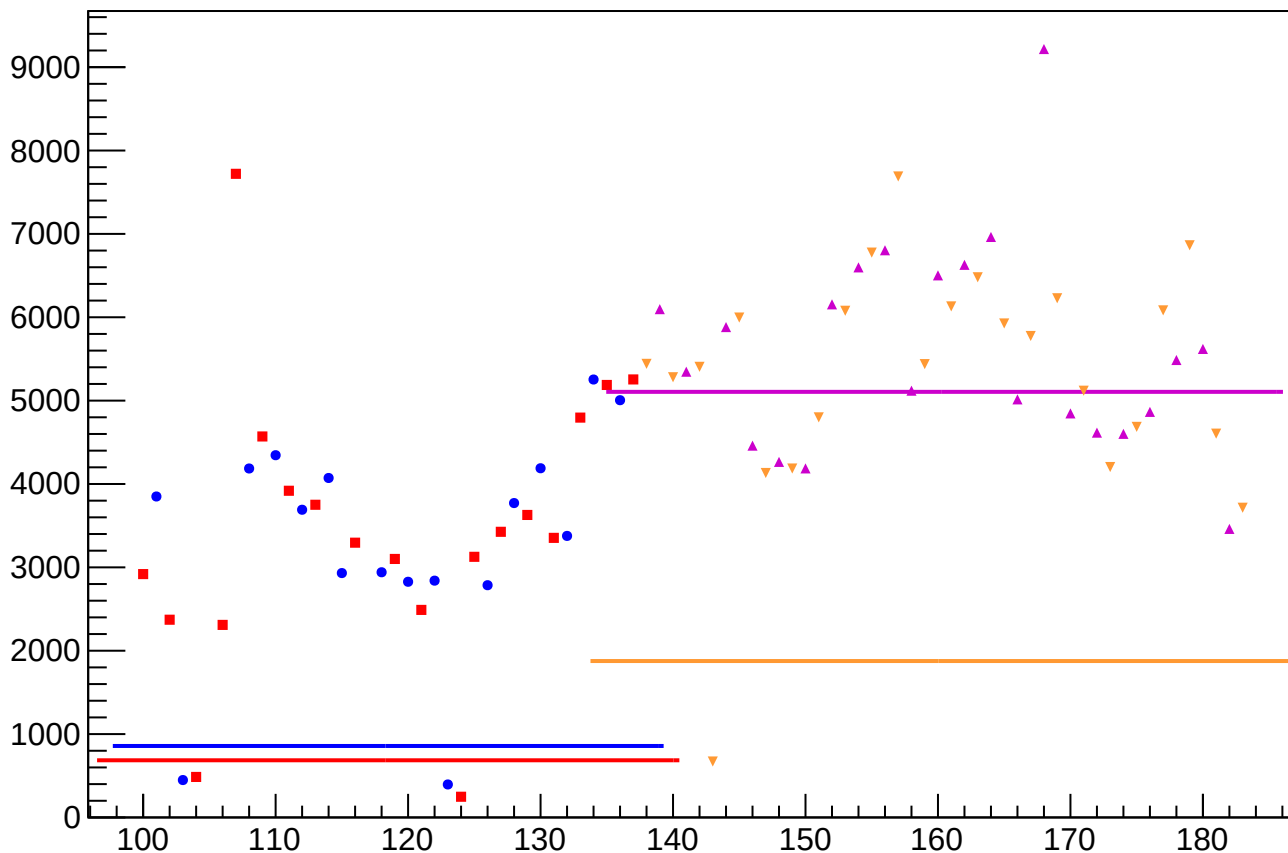
Right: 270.567 $\pm$ 342.385 χ^2/NDF : 38.9/35

In: 282.259 $\pm$ 490.832 χ^2/NDF : 31.4/38

Out: -206.531 $\pm$ 369.105 χ^2/NDF : 53.4/42

All: -29.966 $\pm$ 295.001 χ^2/NDF : 85.4/81

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 857.472 $\pm$ 0.377 χ^2 /NDF: 8175260.6/16

Left Out: 1876.304 $\pm$ 0.464 χ^2 /NDF: 19637672.3/23

Right Out: 685.800 $\pm$ 0.316 χ^2 /NDF: 9461114.1/18

Left In: 5105.331 $\pm$ 0.888 χ^2 /NDF: 1457233.0/21

Left: 2567.333 $\pm$ 0.411 χ^2 /NDF: 31479246.2/45

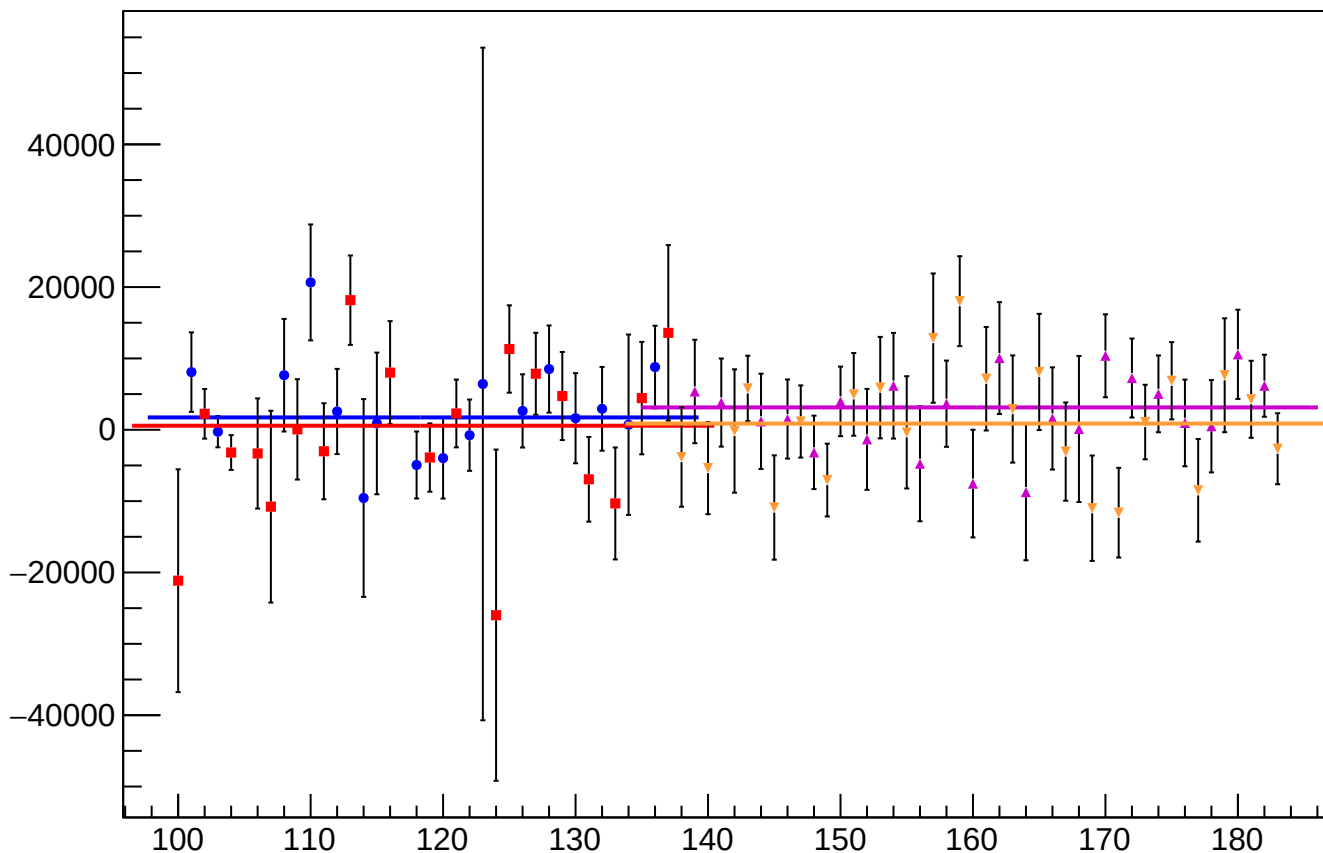
Right: 756.584 $\pm$ 0.242 χ^2 /NDF: 17758209.4/35

In: 1505.840 $\pm$ 0.347 χ^2 /NDF: 29006846.8/38

Out: 1063.209 $\pm$ 0.261 χ^2 /NDF: 33603670.3/42

All: 1223.099 $\pm$ 0.209 χ^2 /NDF: 63649467.6/80

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1733.273+/-1304.606 χ^2/NDF : 14.9/16

Left Out: 870.528+/-1288.839 χ^2/NDF :30.8/23

Right Out: 567.083+/-1286.310 χ^2/NDF : 27.1/18

Left In: 3133.398+/-1334.878 χ^2/NDF :12.2/21

Left: 1962.268+/-927.196 χ^2/NDF : 44.5/45

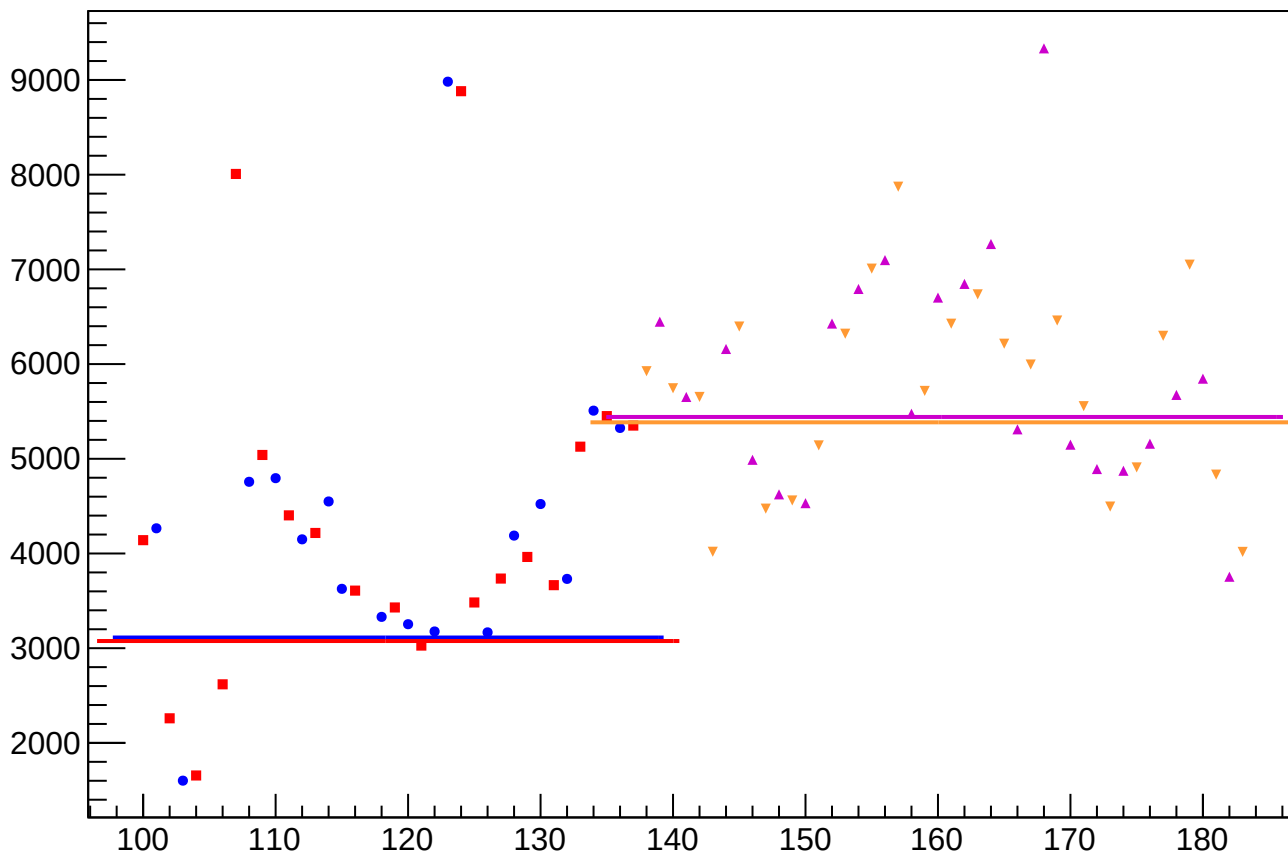
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

In: 2417.280+/-933.015 χ^2/NDF :27.7/38

Out: 718.507+/-910.451 χ^2/NDF :57.9/42

All: 1547.104+/-651.617 χ^2/NDF : 87.3/81

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3112.686 $\pm$ 0.922 χ^2 /NDF: 1884511.8/16

Left Out: 5385.024 $\pm$ 0.911 χ^2 /NDF: 1184590.9/23

Right Out: 3075.702 $\pm$ 0.896 χ^2 /NDF: 2011000.5/18

Left In: 5441.701 $\pm$ 0.944 χ^2 /NDF: 1234320.1/21

Left: 5412.368 $\pm$ 0.656 χ^2 /NDF: 2420777.0/45

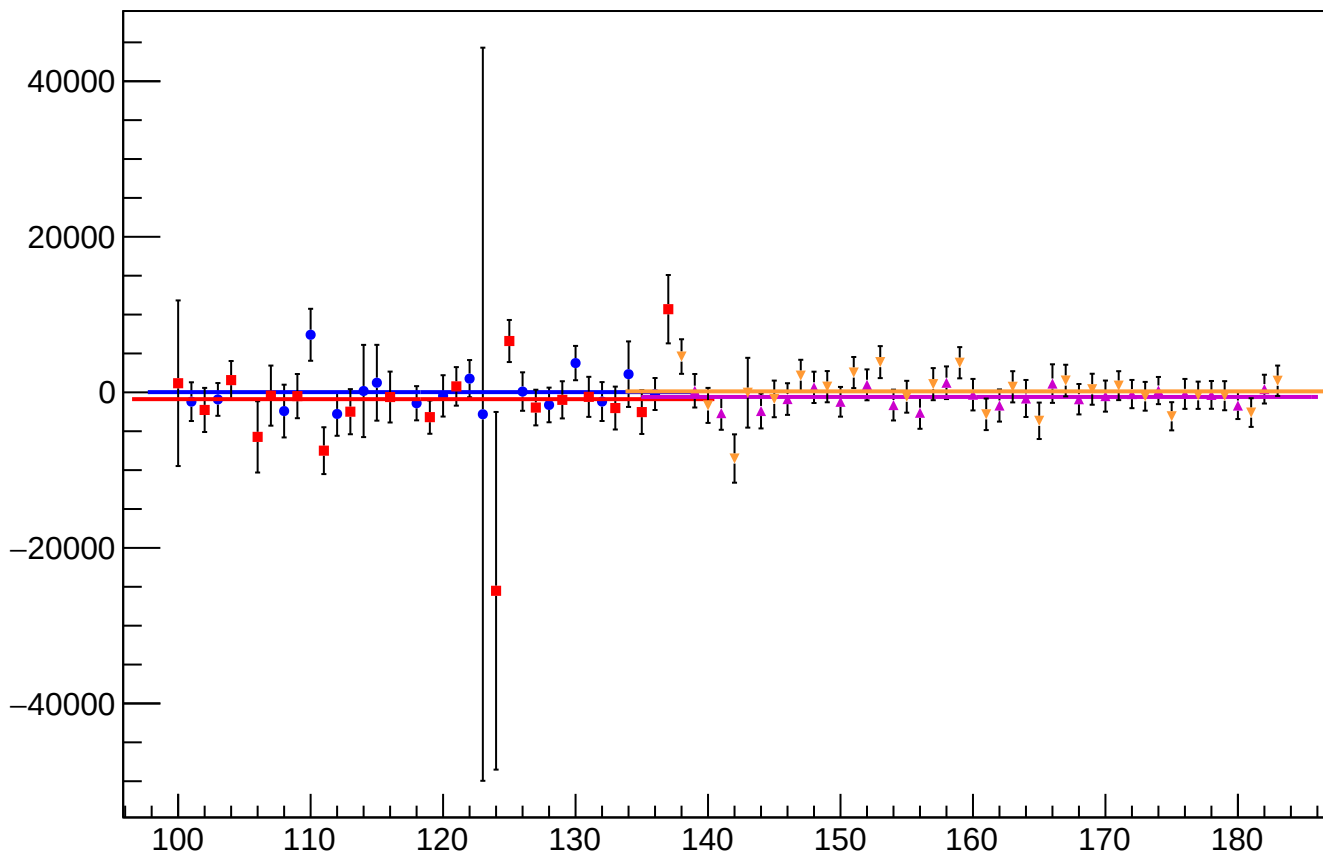
Right: 3093.663 $\pm$ 0.643 χ^2 /NDF: 3896339.1/35

In: 4250.480 $\pm$ 0.660 χ^2 /NDF: 6232779.9/38

Out: 4211.256 $\pm$ 0.639 χ^2 /NDF: 6459210.7/42

All: 4230.244 $\pm$ 0.459 χ^2 /NDF: 12693814.2/80

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 29.102 ± 658.403 $\chi^2/\text{NDF}: 11.8/16$

Left Out: 126.129 ± 420.591 $\chi^2/\text{NDF}: 33.7/23$

Right Out: -874.470 ± 673.273 $\chi^2/\text{NDF}: 25.7/18$

Left In: -590.998 ± 425.269 $\chi^2/\text{NDF}: 6.7/21$

Left: -228.468 ± 299.043 $\chi^2/\text{NDF}: 41.8/45$

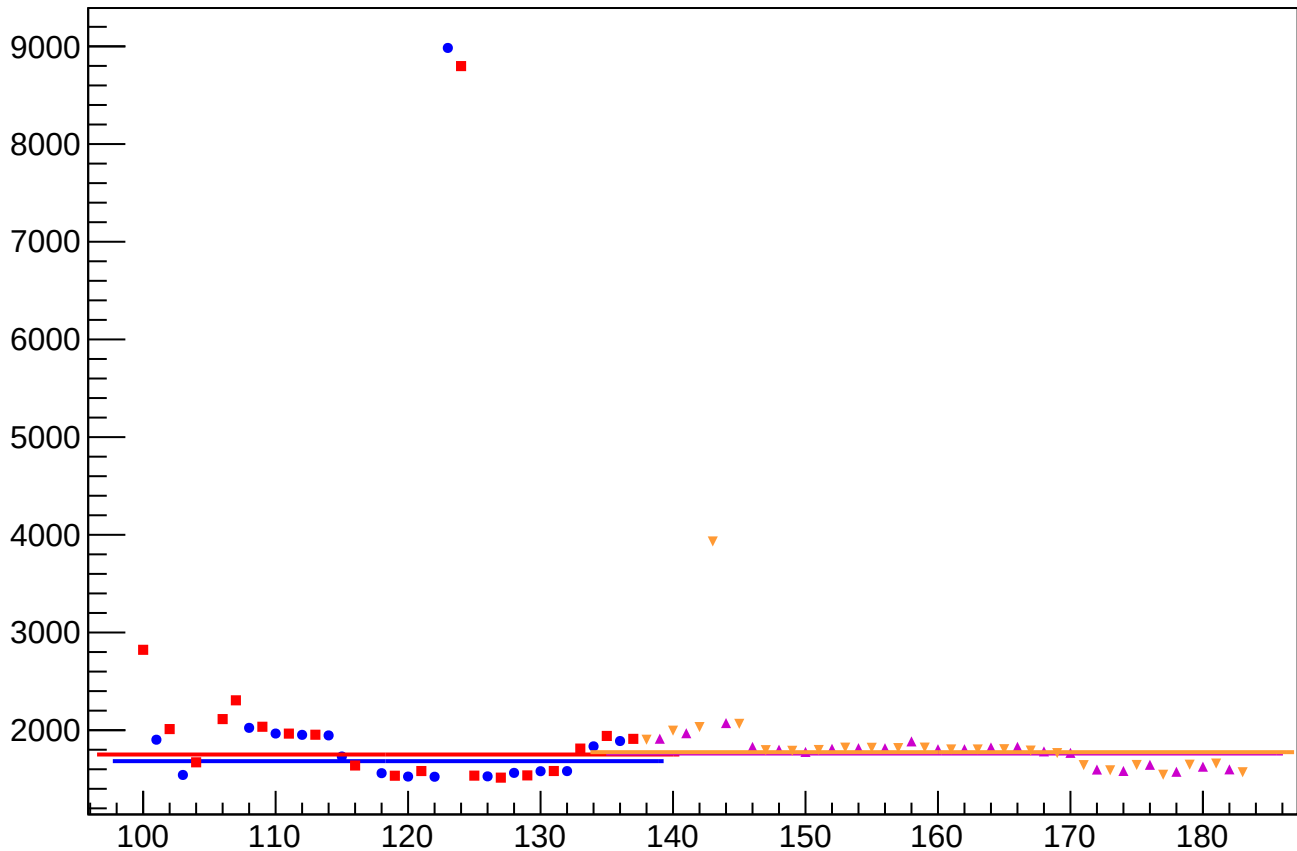
Right: -412.596 ± 470.731 $\chi^2/\text{NDF}: 38.4/35$

In: -408.451 ± 357.230 $\chi^2/\text{NDF}: 19.1/38$

Out: -154.741 ± 356.709 $\chi^2/\text{NDF}: 60.9/42$

All: -281.411 ± 252.416 $\chi^2/\text{NDF}: 80.3/81$

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1683.124+/-0.466 χ^2/NDF : 195857.2/16

Left Out: 1775.055+/-0.297 χ^2/NDF : 652627.8/23

Right Out: 1751.086+/-0.475 χ^2/NDF : 427069.6/18

Left In: 1761.066+/-0.301 χ^2/NDF : 180225.2/21

Left: 1768.138+/-0.211 χ^2/NDF : 833947.0/45

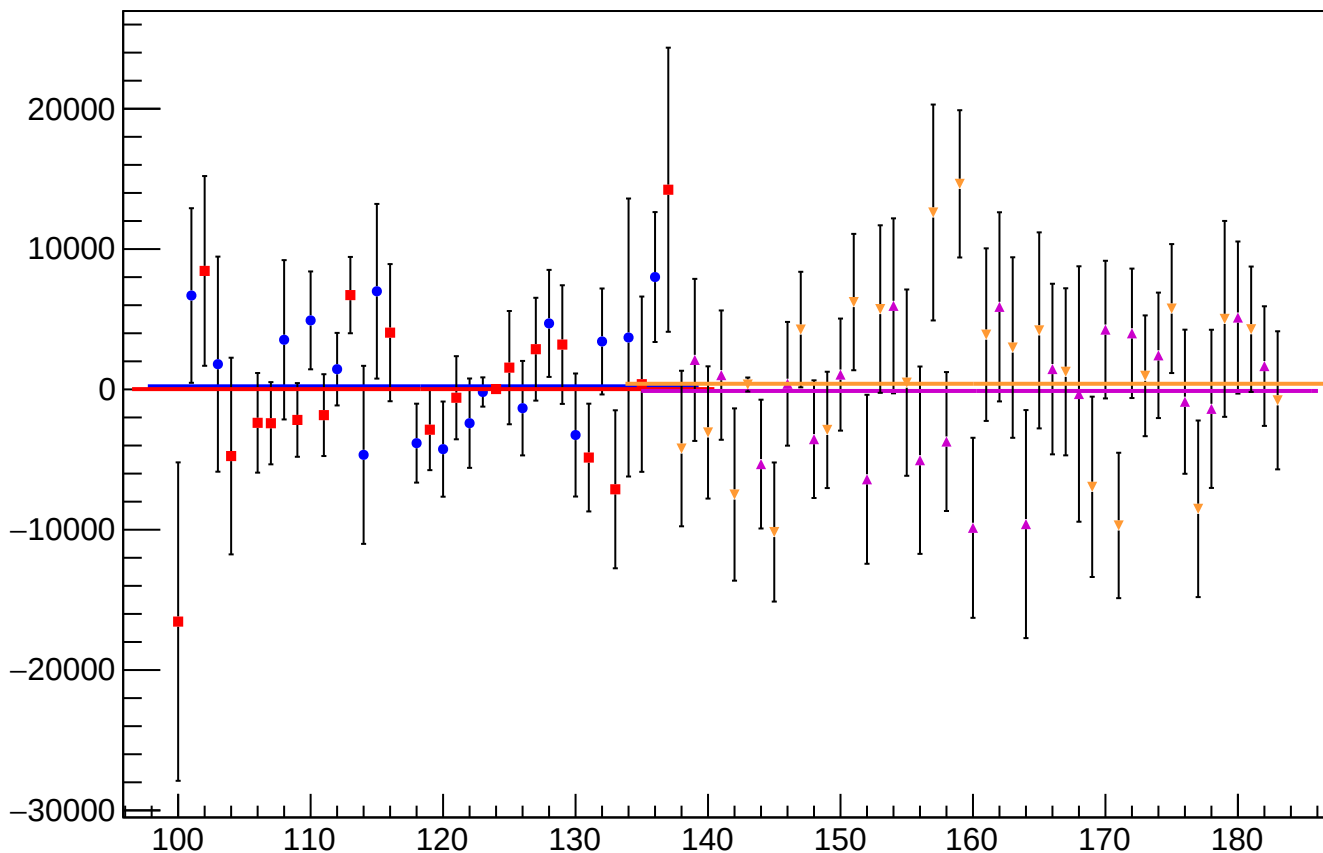
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

In: 1738.121+/-0.253 χ^2/NDF : 395859.4/38

Out: 1768.305+/-0.252 χ^2/NDF : 1081526.5/42

All: 1753.245+/-0.178 χ^2/NDF : 1484539.9/81

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 219.808 $\pm$ 720.915 χ^2 /NDF: 15.8/16

Left Out: 401.250 $\pm$ 455.529 χ^2 /NDF:31.6/23

Right Out: 20.268 $\pm$ 114.130 χ^2 /NDF: 20.7/18

Left In: -111.108 $\pm$ 1111.213 χ^2 /NDF:13.0/21

Left: 327.536 $\pm$ 421.488 χ^2 /NDF: 44.8/45

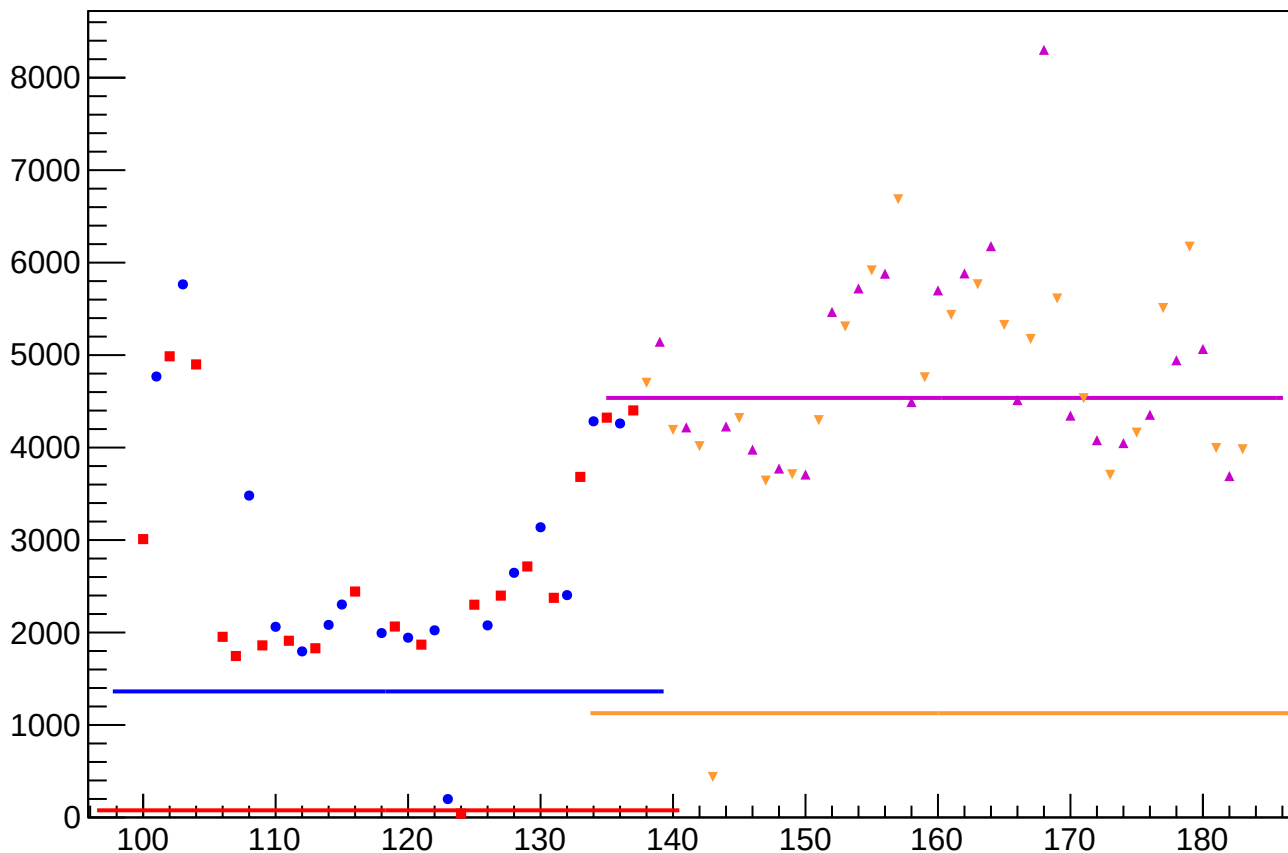
Right: 25.147 $\pm$ 112.726 χ^2 /NDF: 36.6/35

In: 121.785 $\pm$ 604.788 χ^2 /NDF:28.9/38

Out: 42.771 $\pm$ 110.708 χ^2 /NDF:53.0/42

All: 45.332 $\pm$ 108.898 χ^2 /NDF: 81.9/81

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 1362.842 $\pm$ 0.510 χ^2 /NDF: 6235846.3/16

Left Out: 1127.414 $\pm$ 0.322 χ^2 /NDF: 23767585.9/23

Right Out: 77.129 $\pm$ 0.081 χ^2 /NDF: 13248048.9/18

Left In: 4536.997 $\pm$ 0.786 χ^2 /NDF: 1152802.9/21

Left: 1617.957 $\pm$ 0.298 χ^2 /NDF: 41040817.0/45

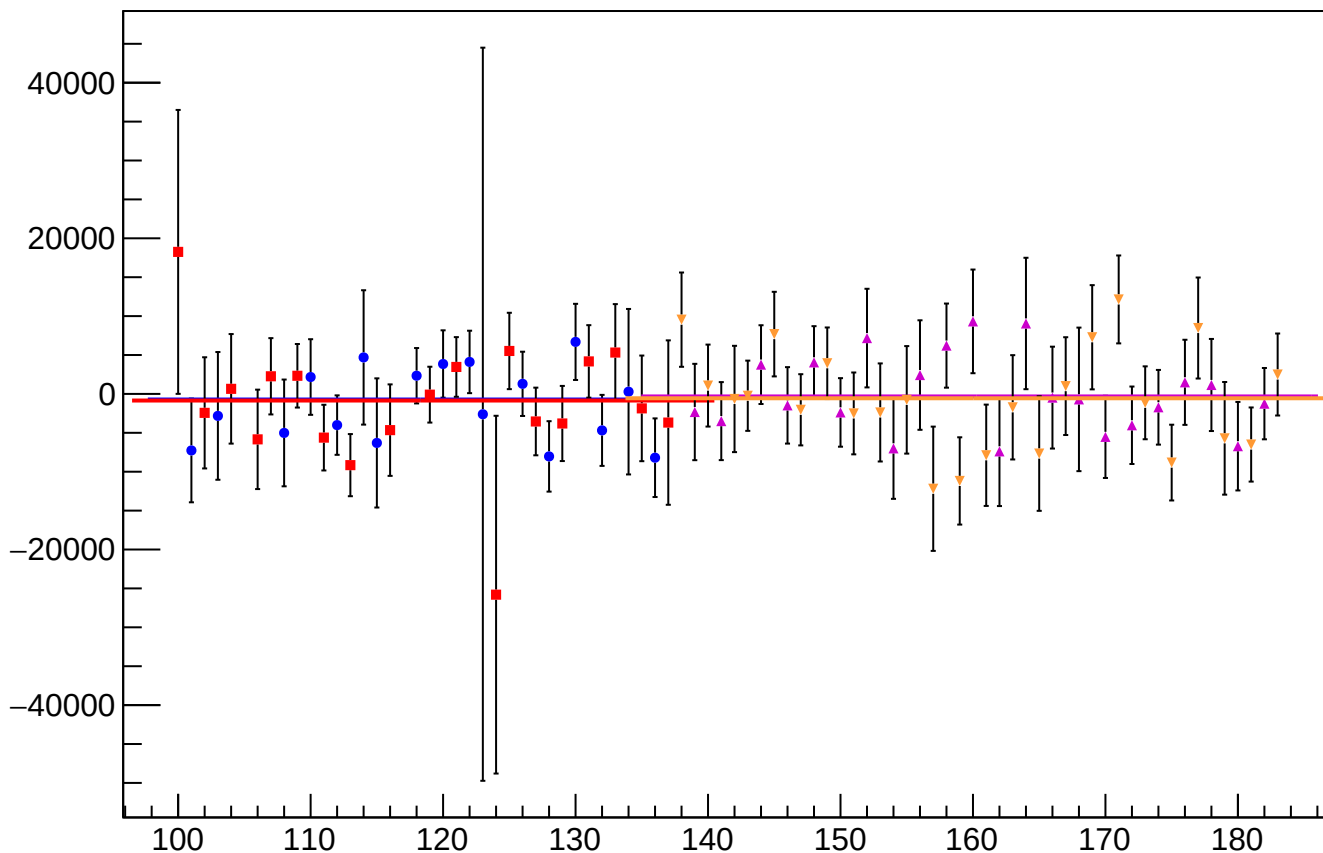
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

In: 2303.084 $\pm$ 0.428 χ^2 /NDF: 18873612.7/38

Out: 139.163 $\pm$ 0.078 χ^2 /NDF: 47019619.3/42

All: 209.321 $\pm$ 0.077 χ^2 /NDF: 90667029.0/83

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -721.483+/-1252.519 χ^2/NDF : 14.8/16

Left Out: -560.279+/-1157.620 χ^2/NDF : 28.1/23

Right Out: -849.844+/-1191.907 χ^2/NDF : 16.0/18

Left In: -325.032+/-1196.057 χ^2/NDF : 13.8/21

Left: -446.497+/-831.818 χ^2/NDF : 42.0/45

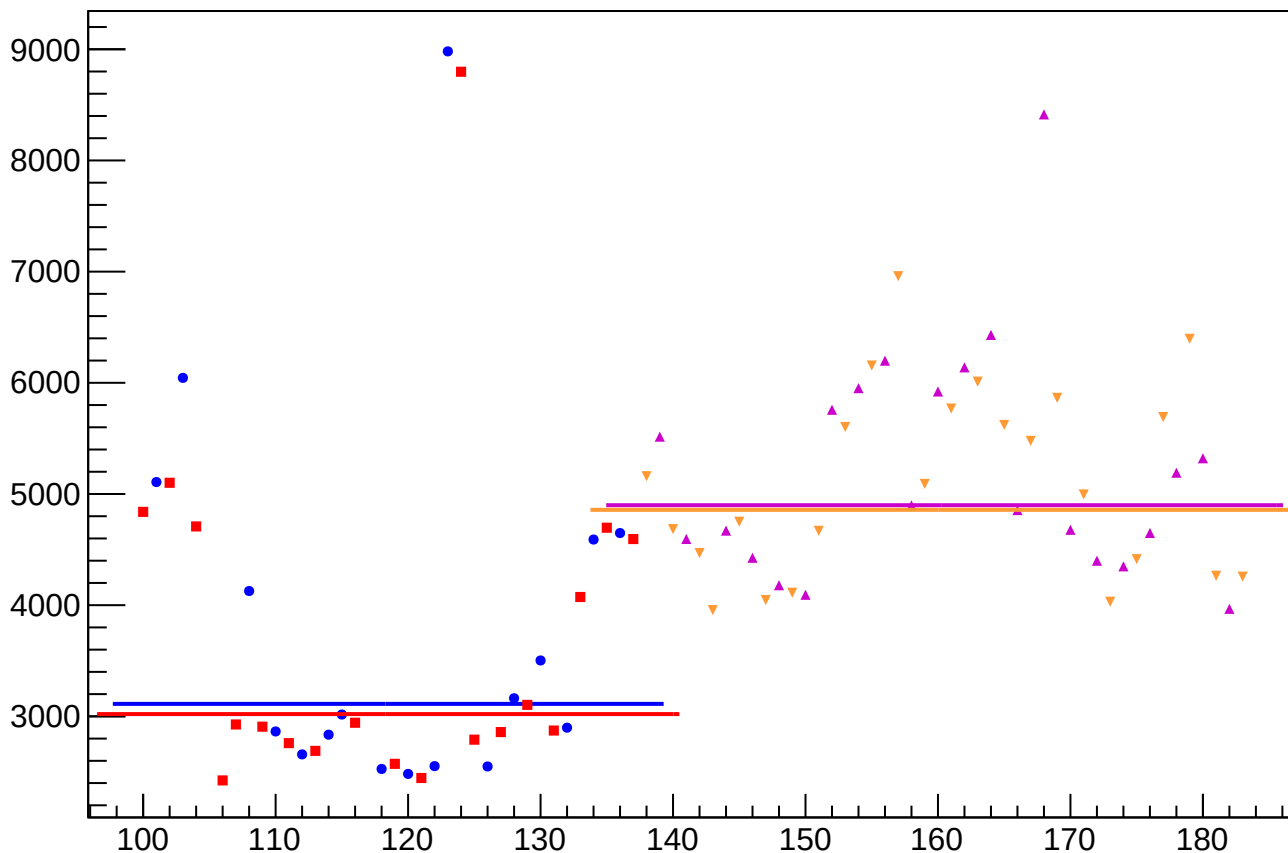
Right: -788.845+/-863.438 χ^2/NDF : 30.8/35

In: -514.121+/-865.012 χ^2/NDF : 28.6/38

Out: -700.837+/-830.418 χ^2/NDF : 44.2/42

All: -611.287+/-599.051 χ^2/NDF : 72.8/81

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3112.232+/-0.886 χ^2/NDF : 958497.7/16

Left Out: 4857.432+/-0.819 χ^2/NDF : 897745.9/23

Right Out: 3020.363+/-0.832 χ^2/NDF : 794218.3/18

Left In: 4899.045+/-0.846 χ^2/NDF : 940331.0/21

Left: 4877.559+/-0.588 χ^2/NDF : 1839326.9/45

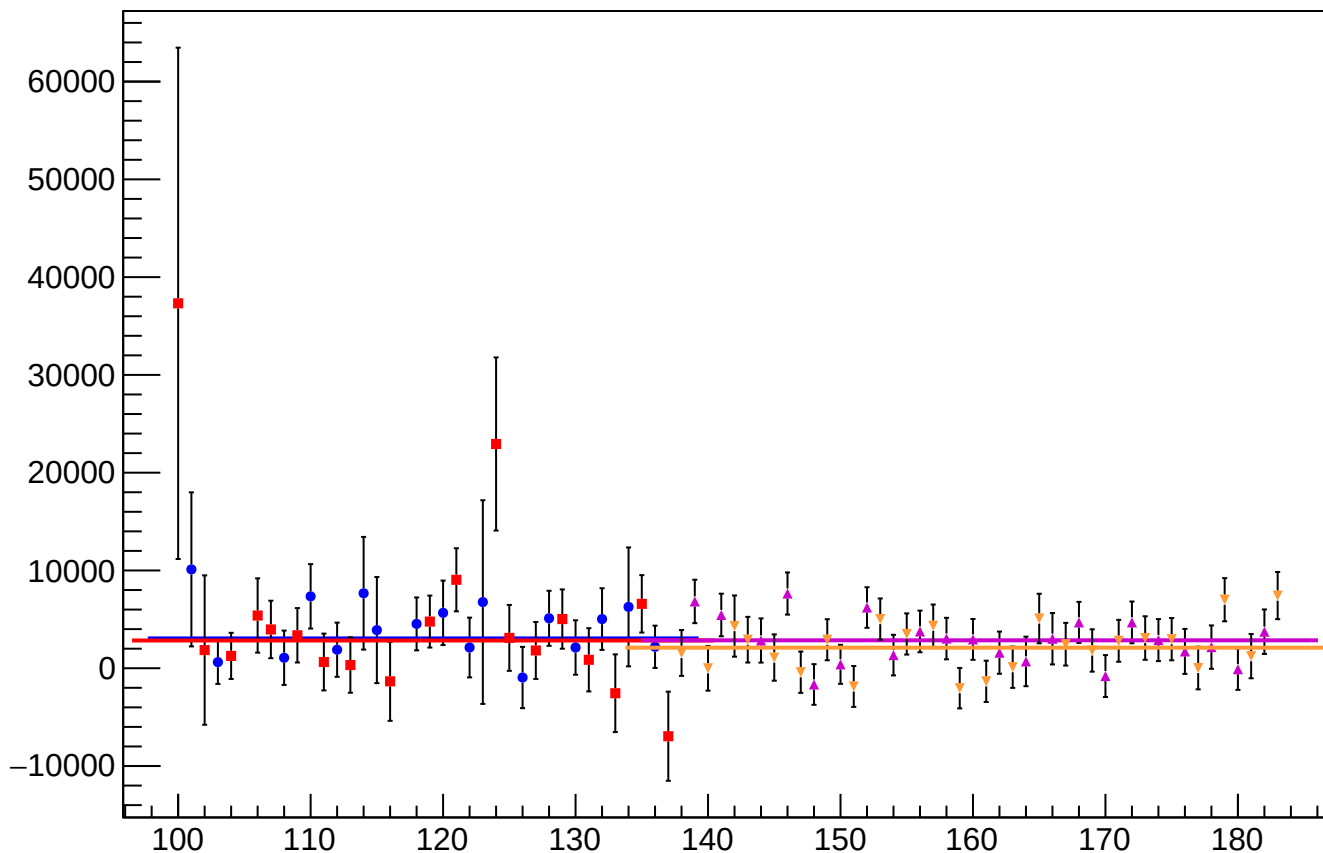
Right: 3063.446+/-0.607 χ^2/NDF : 1758429.8/35

In: 4046.815+/-0.612 χ^2/NDF : 4027764.0/38

Out: 3954.180+/-0.584 χ^2/NDF : 4168429.5/42

All: 3998.325+/-0.422 χ^2/NDF : 8208199.8/81

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3049.083 $\pm$ 772.320 χ^2 /NDF: 9.3/16

Left Out: 2103.899 $\pm$ 453.871 χ^2 /NDF:30.6/23

Right Out: 2838.725 $\pm$ 765.884 χ^2 /NDF: 23.8/18

Left In: 2857.152 $\pm$ 463.723 χ^2 /NDF:27.1/21

Left: 2472.439 $\pm$ 324.362 χ^2 /NDF: 59.0/45

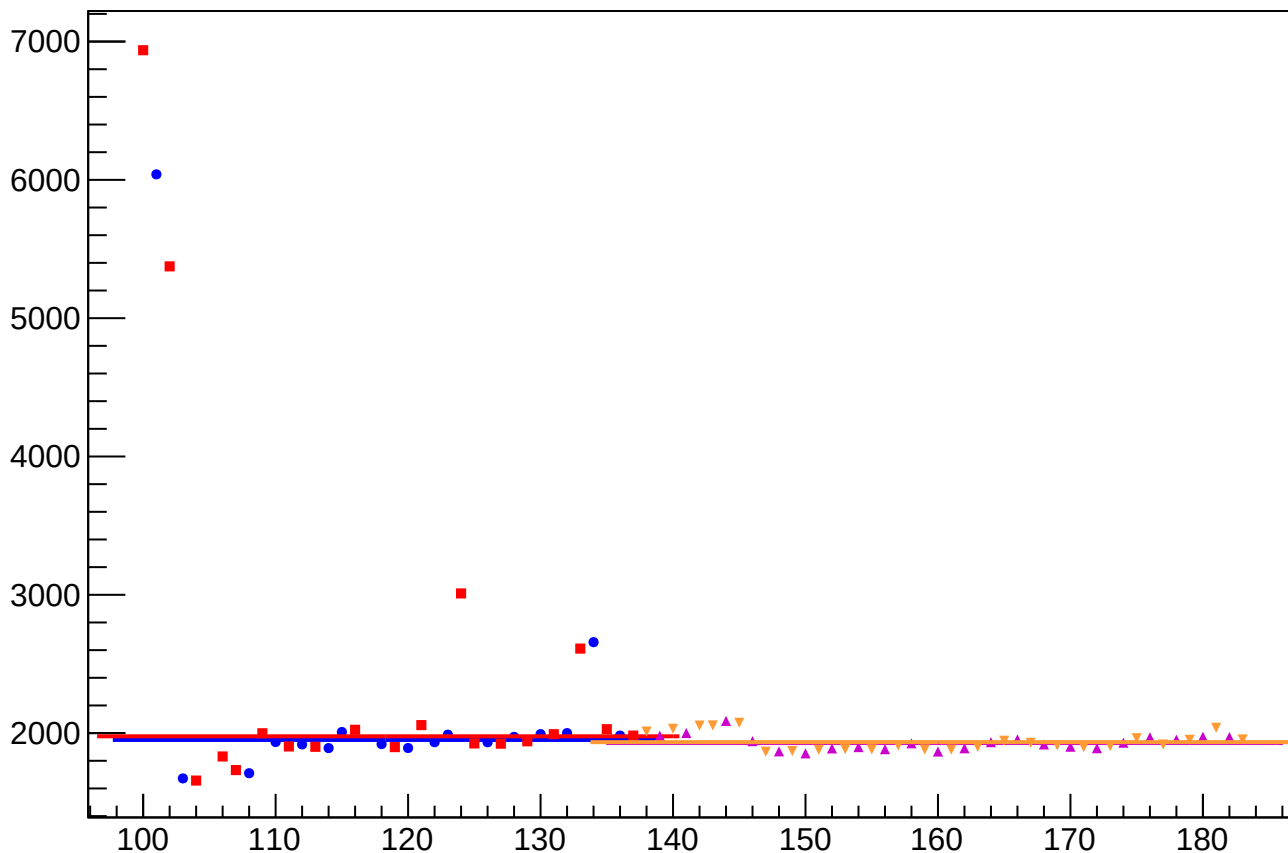
Right: 2943.024 $\pm$ 543.823 χ^2 /NDF: 33.1/35

In: 2908.010 $\pm$ 397.564 χ^2 /NDF:36.4/38

Out: 2294.888 $\pm$ 390.458 χ^2 /NDF:55.0/42

All: 2595.921 $\pm$ 278.574 χ^2 /NDF: 92.7/81

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1950.692+/-0.546 χ^2/NDF : 615165.3/16

Left Out: 1934.796+/-0.321 χ^2/NDF : 38231.4/23

Right Out: 1976.980+/-0.541 χ^2/NDF : 607706.4/18

Left In: 1928.291+/-0.328 χ^2/NDF : 25991.8/21

Left: 1931.614+/-0.229 χ^2/NDF : 64424.2/45

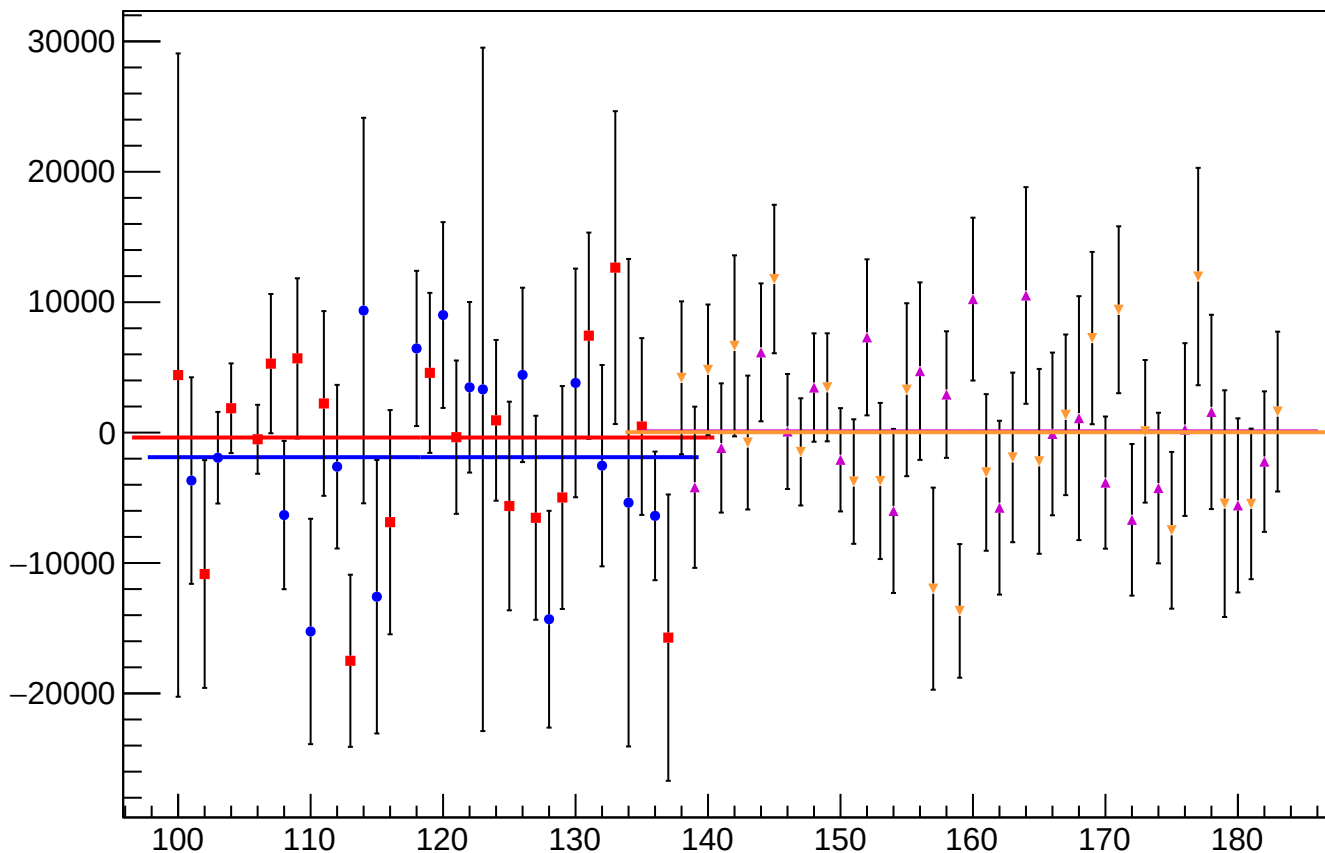
Right: 1963.954+/-0.384 χ^2/NDF : 1224040.7/35

In: 1934.227+/-0.281 χ^2/NDF : 642393.8/38

Out: 1945.770+/-0.276 χ^2/NDF : 650432.2/42

All: 1940.104+/-0.197 χ^2/NDF : 1293684.2/81

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1885.285 $\pm$ 1657.979 χ^2 /NDF: 14.1/16

Left Out: 29.013 $\pm$ 1182.207 χ^2 /NDF:27.1/23

Right Out: -376.861 $\pm$ 1359.615 χ^2 /NDF: 17.6/18

Left In: 93.698 $\pm$ 1204.746 χ^2 /NDF:14.5/21

Left: 60.745 $\pm$ 843.802 χ^2 /NDF: 41.6/45

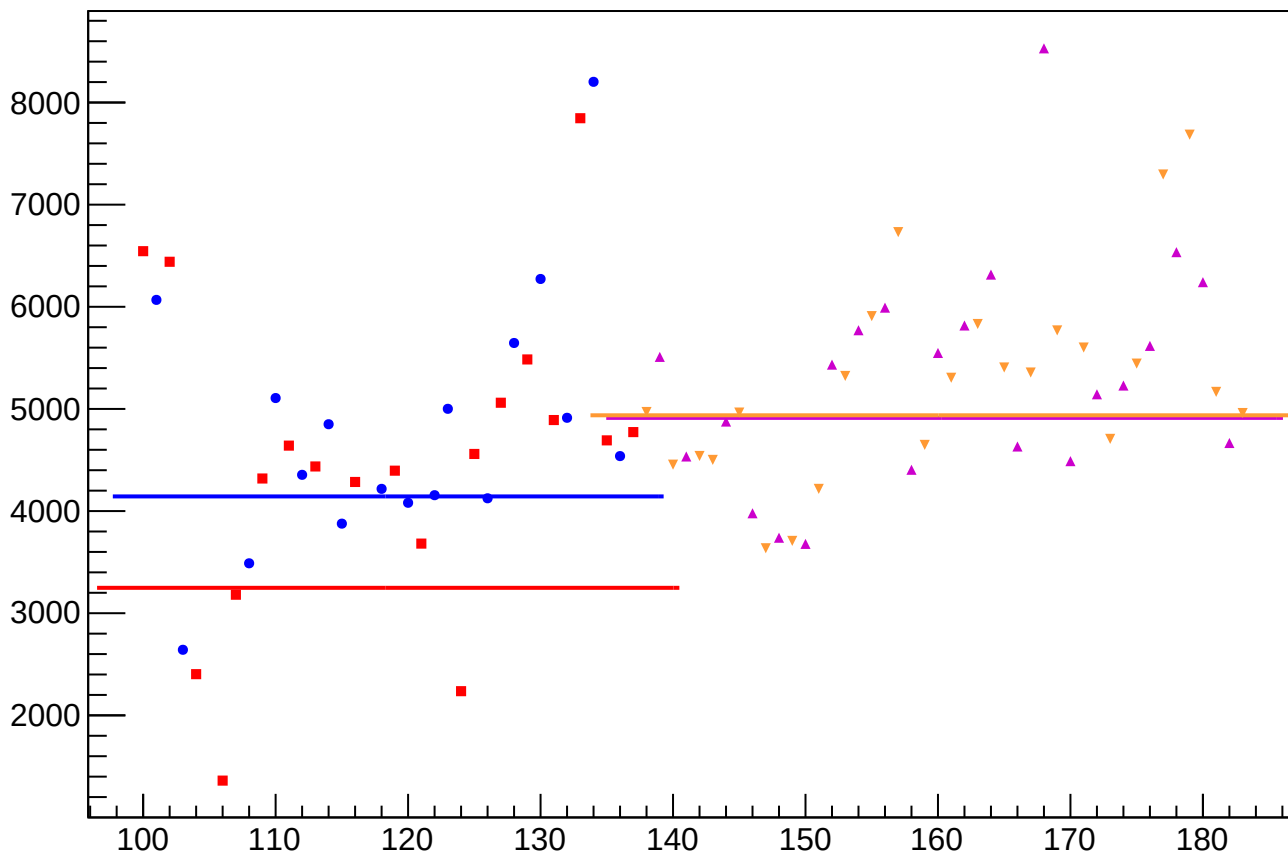
Right: -983.372 $\pm$ 1051.324 χ^2 /NDF: 32.2/35

In: -590.138 $\pm$ 974.617 χ^2 /NDF:29.5/38

Out: -145.733 $\pm$ 892.122 χ^2 /NDF:44.7/42

All: -348.335 $\pm$ 658.061 χ^2 /NDF: 74.4/81

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 4143.478+/-1.172 χ^2/NDF : 855972.6/16

Left Out: 4937.759+/-0.836 χ^2/NDF : 1123998.4/23

Right Out: 3248.634+/-0.961 χ^2/NDF : 2617775.0/18

Left In: 4912.424+/-0.852 χ^2/NDF : 1240001.4/21

Left: 4925.330+/-0.597 χ^2/NDF : 2364450.3/45

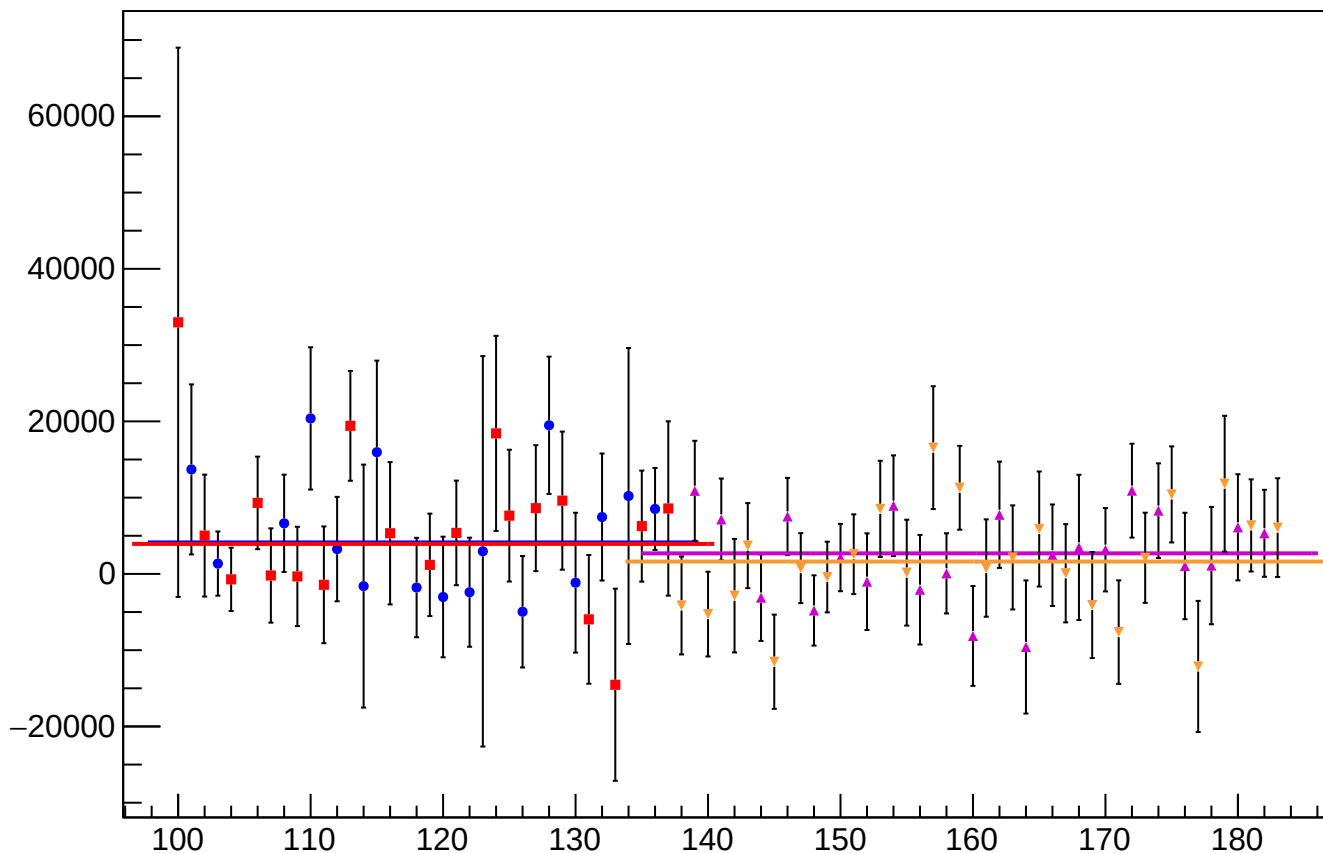
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

In: 4646.715+/-0.689 χ^2/NDF : 2377514.0/38

Out: 4210.519+/-0.631 χ^2/NDF : 5499626.7/42

All: 4409.378+/-0.465 χ^2/NDF : 8095117.4/81

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 4126.632 $\pm$ 1863.062 χ^2 /NDF: 13.7/16

Left Out: 1617.825 $\pm$ 1270.436 χ^2 /NDF: 25.3/23

Right Out: 3933.351 $\pm$ 1725.500 χ^2 /NDF: 14.9/18

Left In: 2694.811 $\pm$ 1295.655 χ^2 /NDF: 17.2/21

Left: 2145.734 $\pm$ 907.119 χ^2 /NDF: 42.8/45

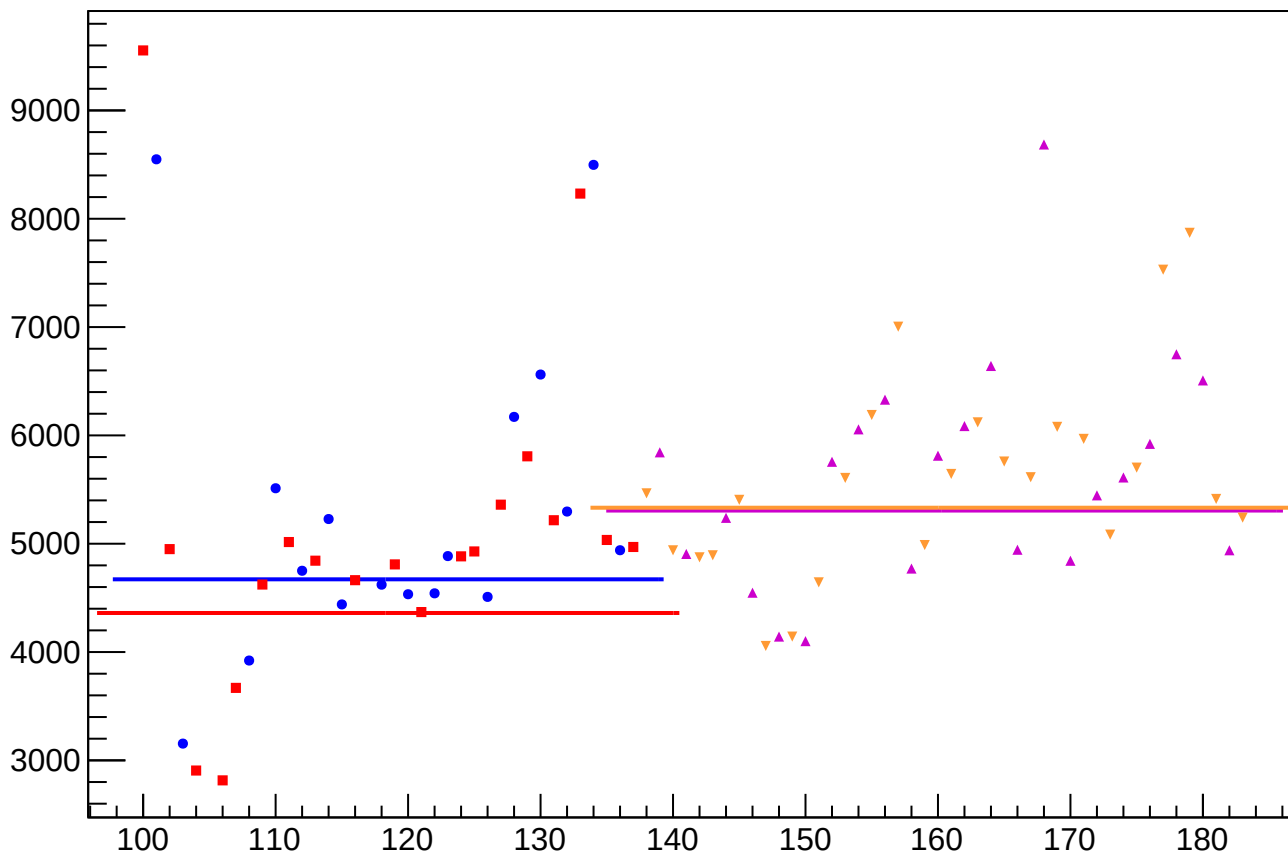
Right: 4022.593 $\pm$ 1265.954 χ^2 /NDF: 28.6/35

In: 3161.560 $\pm$ 1063.714 χ^2 /NDF: 31.3/38

Out: 2431.806 $\pm$ 1023.051 χ^2 /NDF: 41.3/42

All: 2782.468 $\pm$ 737.363 χ^2 /NDF: 72.9/81

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4671.319 $\pm$ 1.317 χ^2/NDF : 786112.0/16

Left Out: 5332.350 $\pm$ 0.898 χ^2/NDF : 867396.5/23

Right Out: 4360.531 $\pm$ 1.213 χ^2/NDF : 834123.3/18

Left In: 5306.236 $\pm$ 0.916 χ^2/NDF : 959784.4/21

Left: 5319.549 $\pm$ 0.641 χ^2/NDF : 1827595.1/45

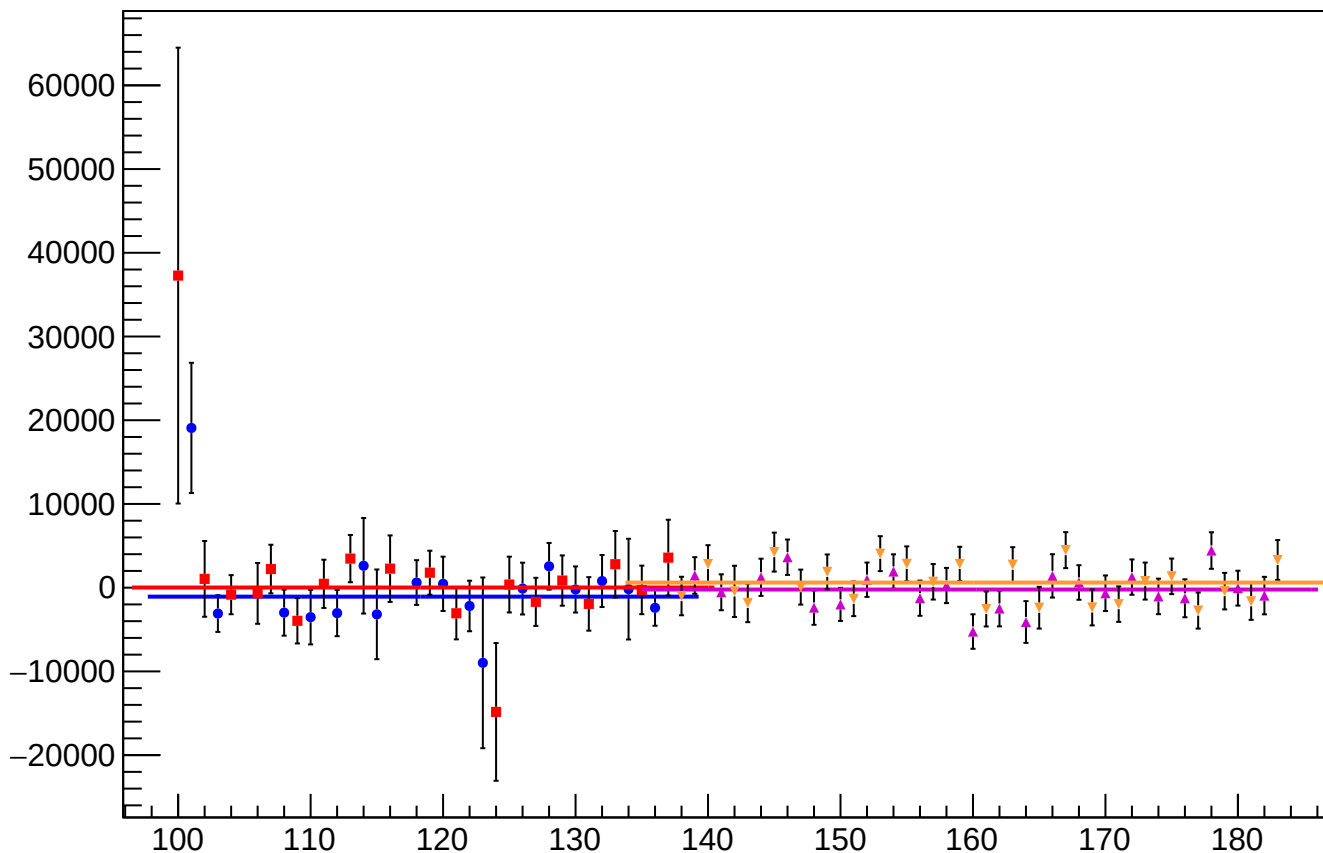
Right: 4503.135 $\pm$ 0.892 χ^2/NDF : 1650353.3/35

In: 5099.264 $\pm$ 0.752 χ^2/NDF : 1902455.8/38

Out: 4988.154 $\pm$ 0.722 χ^2/NDF : 2116011.0/42

All: 5041.431 $\pm$ 0.521 χ^2/NDF : 4029825.0/81

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1071.254+/-762.970 χ^2/NDF : 13.7/16

Left Out: 609.688+/-447.590 χ^2/NDF : 28.0/23

Right Out: 19.222+/-747.810 χ^2/NDF : 13.3/18

Left In: -222.170+/-457.571 χ^2/NDF : 23.6/21

Left: 202.930+/-319.964 χ^2/NDF : 53.3/45

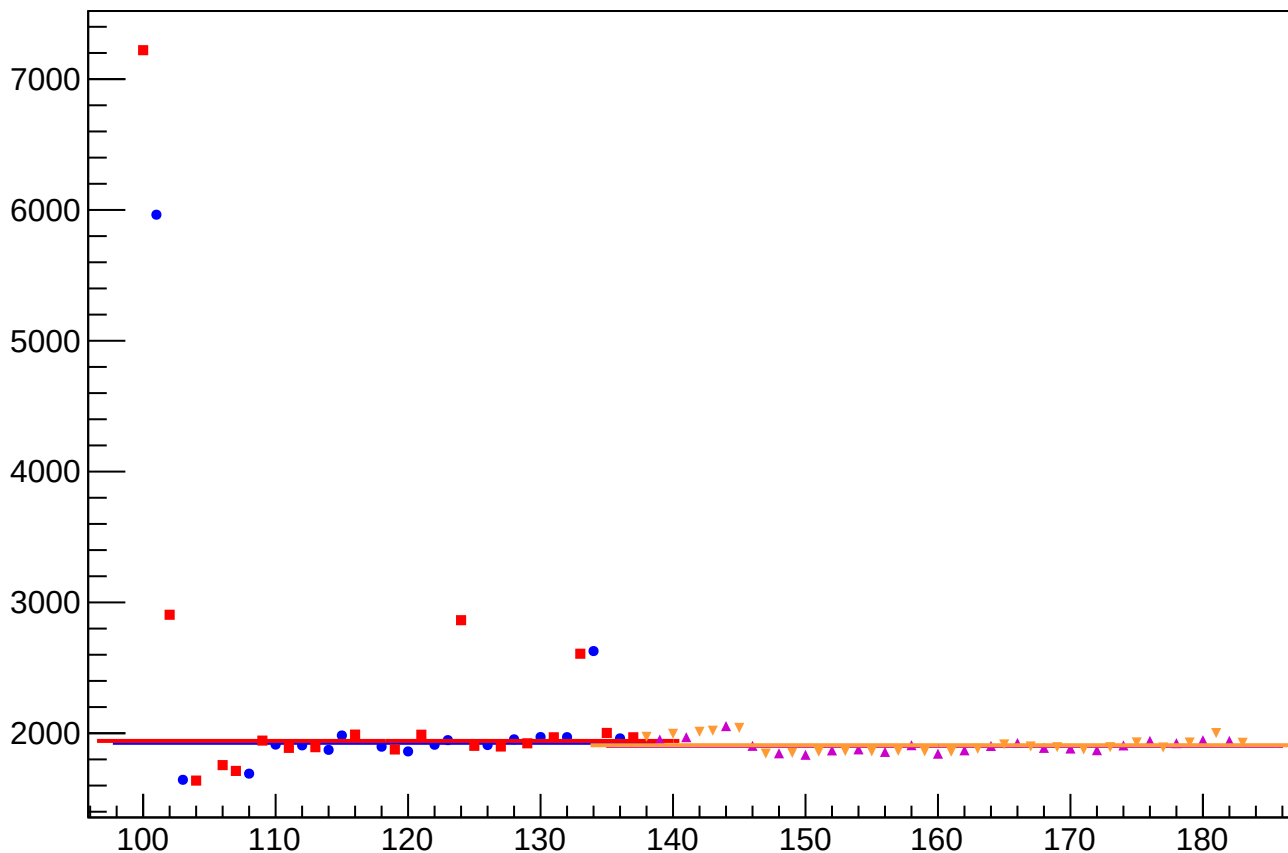
Right: -515.074+/-534.061 χ^2/NDF : 28.0/35

In: -446.775+/-392.412 χ^2/NDF : 38.2/38

Out: 453.950+/-384.053 χ^2/NDF : 41.8/42

All: 13.282+/-274.474 χ^2/NDF : 82.7/81

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1926.890 $\pm$ 0.540 χ^2 /NDF: 617116.3/16

Left Out: 1908.233 $\pm$ 0.316 χ^2 /NDF: 32743.4/23

Right Out: 1941.261 $\pm$ 0.528 χ^2 /NDF: 304367.3/18

Left In: 1902.834 $\pm$ 0.324 χ^2 /NDF: 23219.1/21

Left: 1905.593 $\pm$ 0.226 χ^2 /NDF: 56104.7/45

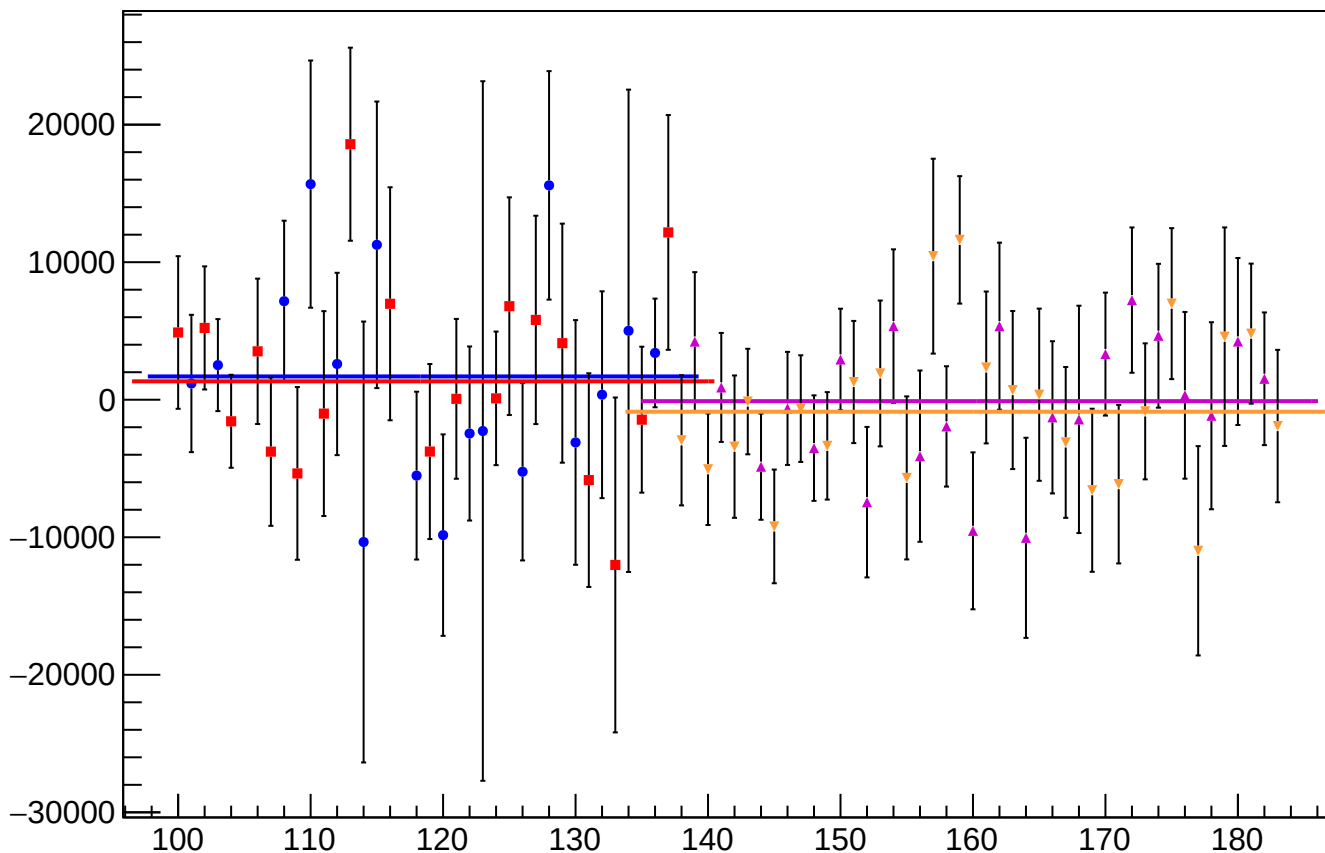
Right: 1934.225 $\pm$ 0.377 χ^2 /NDF: 921845.8/35

In: 1909.197 $\pm$ 0.277 χ^2 /NDF: 641797.7/38

Out: 1916.954 $\pm$ 0.272 χ^2 /NDF: 339986.3/42

All: 1913.160 $\pm$ 0.194 χ^2 /NDF: 982183.1/81

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 1693.966 $\pm$ 1551.941 χ^2/NDF : 13.6/16

Left Out: -872.382 $\pm$ 1030.669 χ^2/NDF : 25.0/23

Right Out: 1338.172 $\pm$ 1369.005 χ^2/NDF : 16.3/18

Left In: -102.518 $\pm$ 1066.257 χ^2/NDF : 16.6/21

Left: -500.512 $\pm$ 741.055 χ^2/NDF : 41.9/45

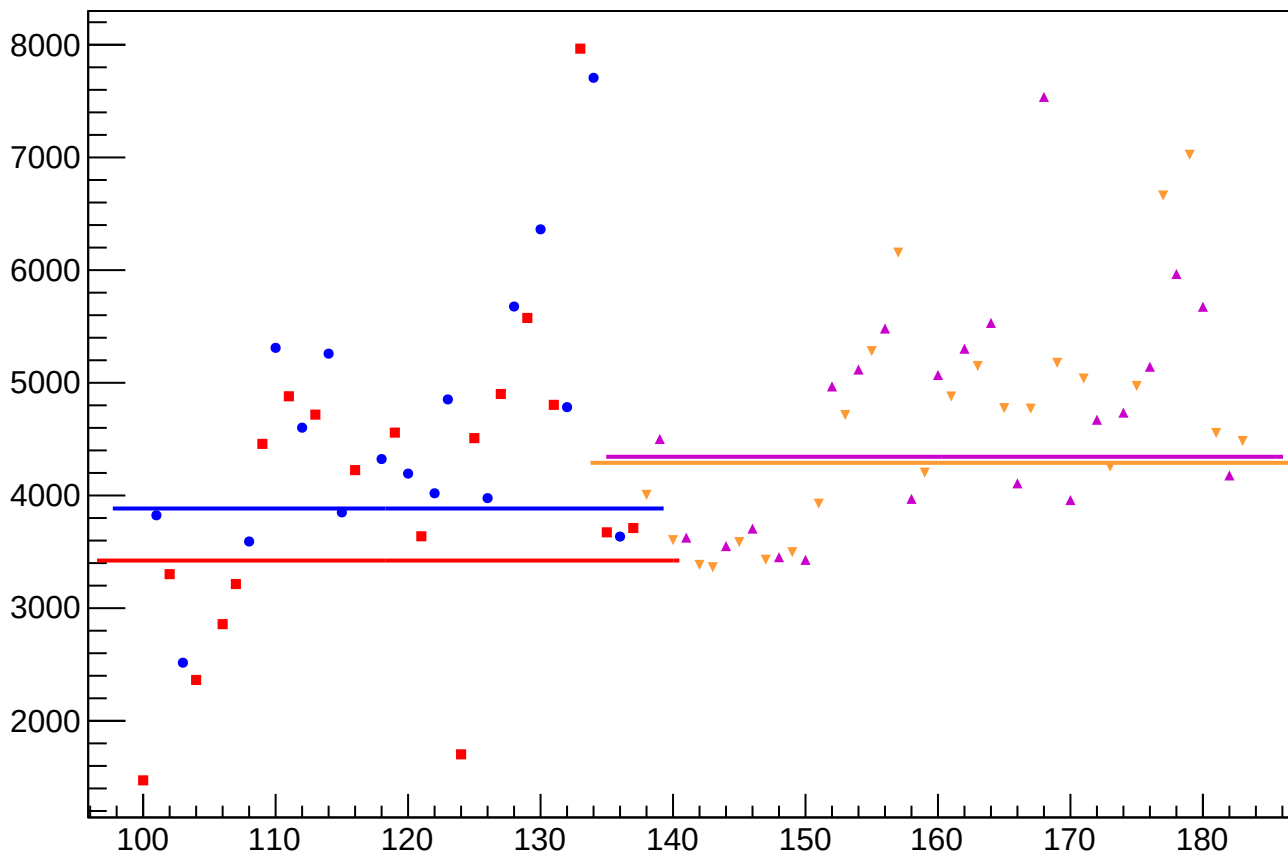
Right: 1493.873 $\pm$ 1026.648 χ^2/NDF : 30.0/35

In: 473.556 $\pm$ 878.826 χ^2/NDF : 31.2/38

Out: -72.701 $\pm$ 823.404 χ^2/NDF : 42.9/42

All: 182.661 $\pm$ 600.873 χ^2/NDF : 74.3/81

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 3884.603+/-1.097 χ^2/NDF : 826563.8/16

Left Out: 4289.736+/-0.729 χ^2/NDF :1346280.1/23

Right Out: 3422.628+/-0.968 χ^2/NDF : 1590296.5/18

Left In: 4343.572+/-0.754 χ^2/NDF :1295295.5/21

Left: 4315.740+/-0.524 χ^2/NDF : 2644211.4/45

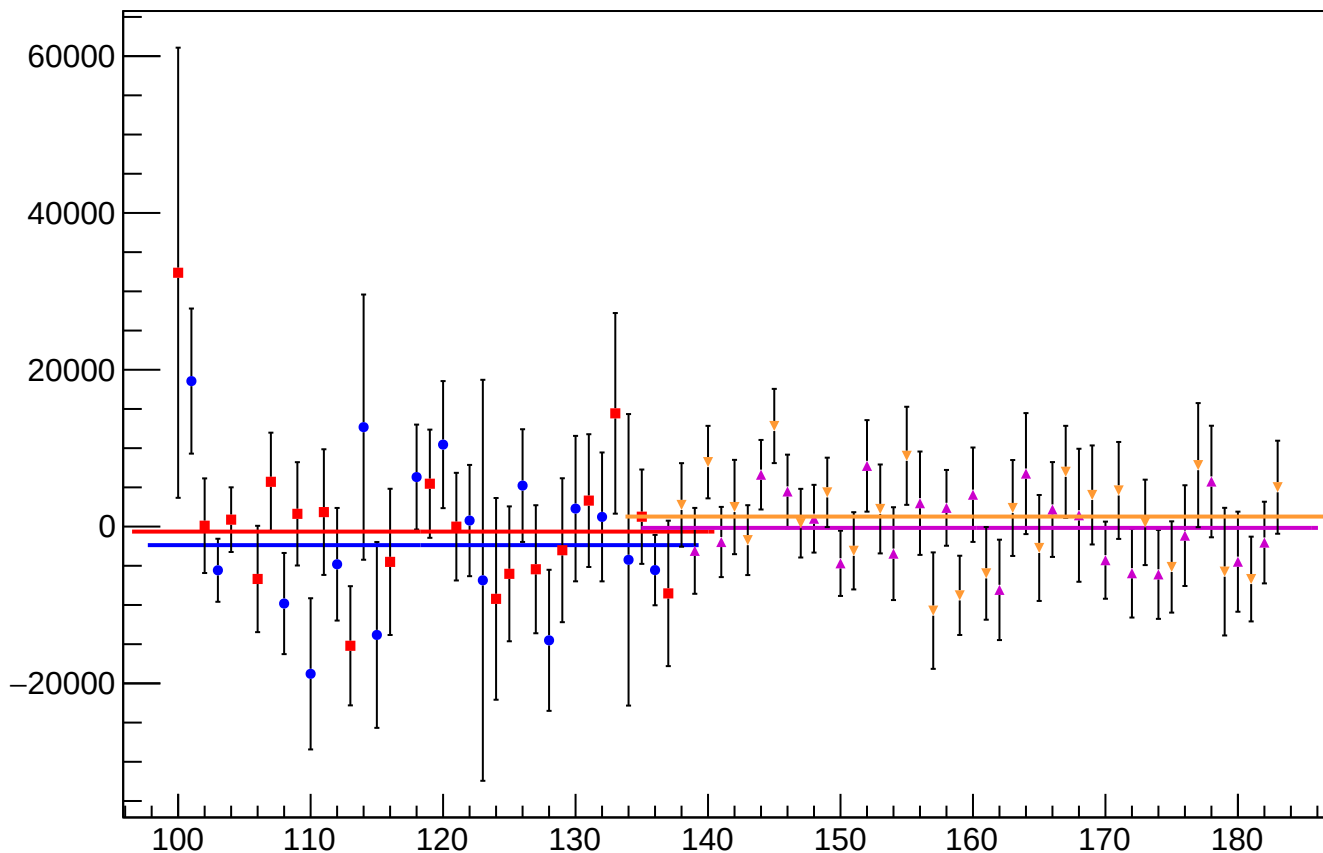
Right: 3624.795+/-0.726 χ^2/NDF : 2516526.6/35

In: 4196.395+/-0.621 χ^2/NDF :2240689.9/38

Out: 3976.055+/-0.582 χ^2/NDF :3448674.4/42

All: 4079.059+/-0.425 χ^2/NDF : 5756314.6/83

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2367.526 $\pm$ 1801.942 χ^2 /NDF: 20.1/16

Left Out: 1276.241 $\pm$ 1134.142 χ^2 /NDF: 26.8/23

Right Out: -640.916 $\pm$ 1690.165 χ^2 /NDF: 11.8/18

Left In: -168.365 $\pm$ 1167.621 χ^2 /NDF: 14.8/21

Left: 574.945 $\pm$ 813.538 χ^2 /NDF: 42.4/45

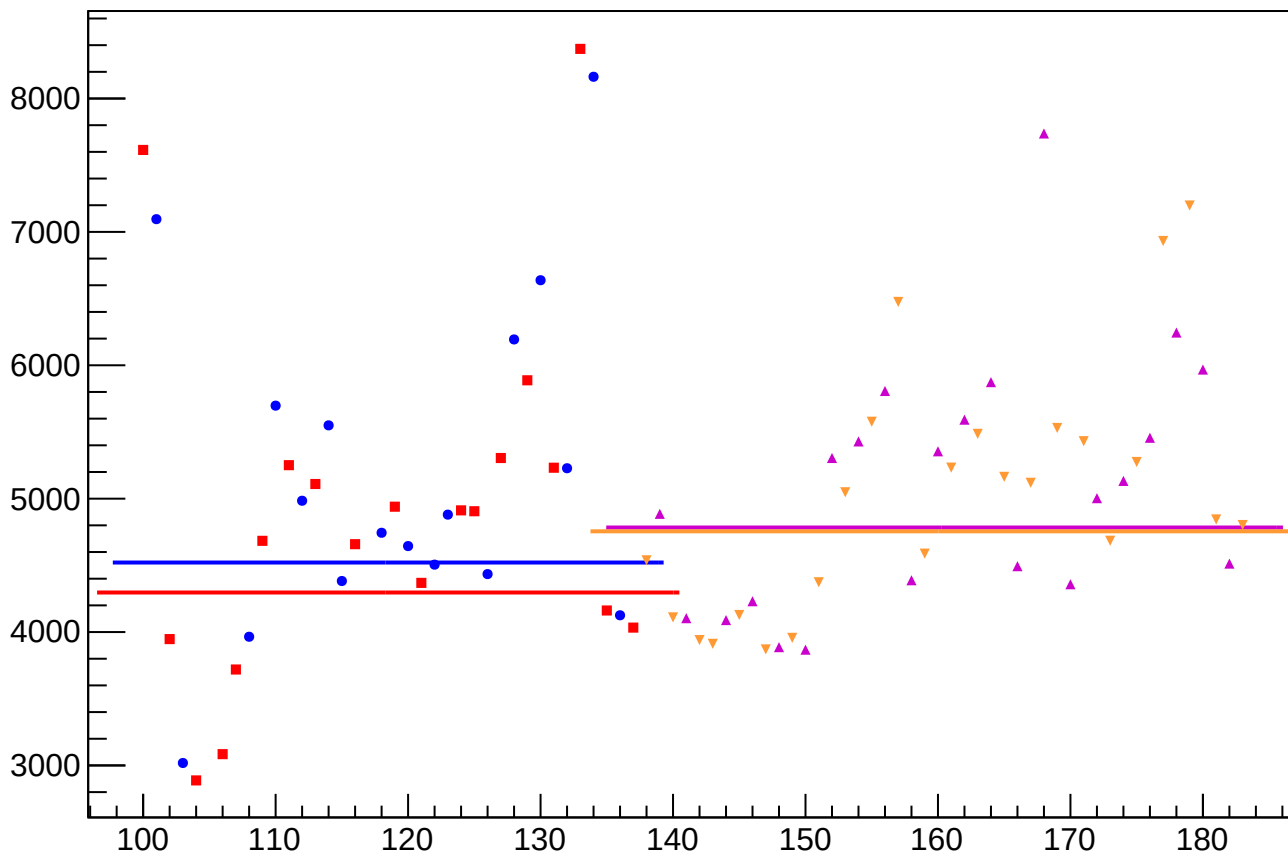
Right: -1449.011 $\pm$ 1232.750 χ^2 /NDF: 32.4/35

In: -818.687 $\pm$ 979.888 χ^2 /NDF: 36.0/38

Out: 681.012 $\pm$ 941.765 χ^2 /NDF: 39.5/42

All: -39.097 $\pm$ 679.006 χ^2 /NDF: 76.7/81

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4521.230+/-1.274 χ^2/NDF : 778675.0/16

Left Out: 4755.199+/-0.802 χ^2/NDF : 952958.8/23

Right Out: 4296.482+/-1.189 χ^2/NDF : 773210.4/18

Left In: 4783.695+/-0.826 χ^2/NDF : 951012.7/21

Left: 4769.032+/-0.575 χ^2/NDF : 1904584.5/45

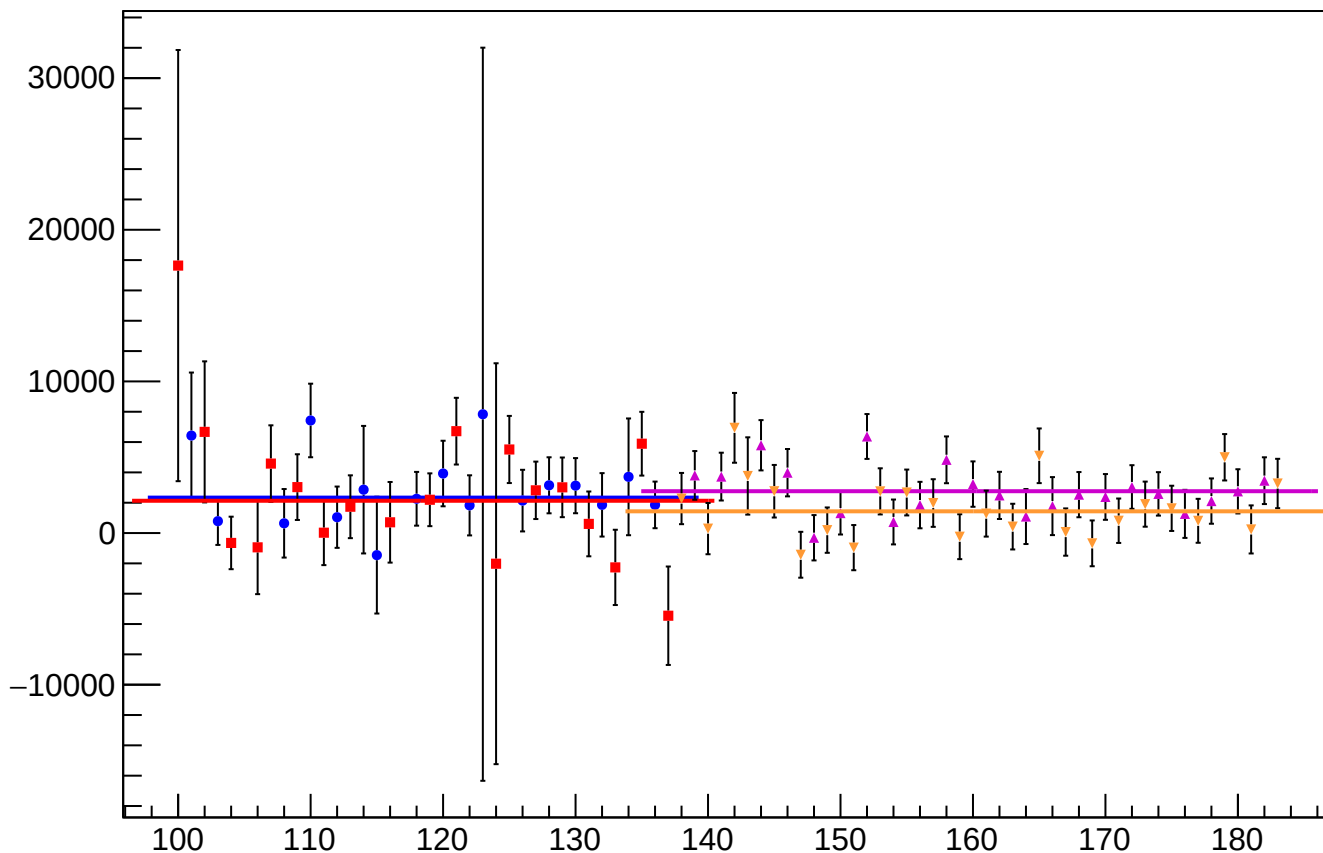
Right: 4401.047+/-0.869 χ^2/NDF : 1568522.7/35

In: 4706.080+/-0.693 χ^2/NDF : 1759571.8/38

Out: 4611.684+/-0.665 χ^2/NDF : 1828530.3/42

All: 4656.928+/-0.480 χ^2/NDF : 3597766.3/81

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2336.975 $\pm$ 531.132 χ^2 /NDF: 9.6/16

Left Out: 1433.144 $\pm$ 324.060 χ^2 /NDF:32.6/23

Right Out: 2129.457 $\pm$ 539.223 χ^2 /NDF: 27.5/18

Left In: 2759.387 $\pm$ 327.743 χ^2 /NDF:22.7/21

Left: 2088.772 $\pm$ 230.436 χ^2 /NDF: 63.5/45

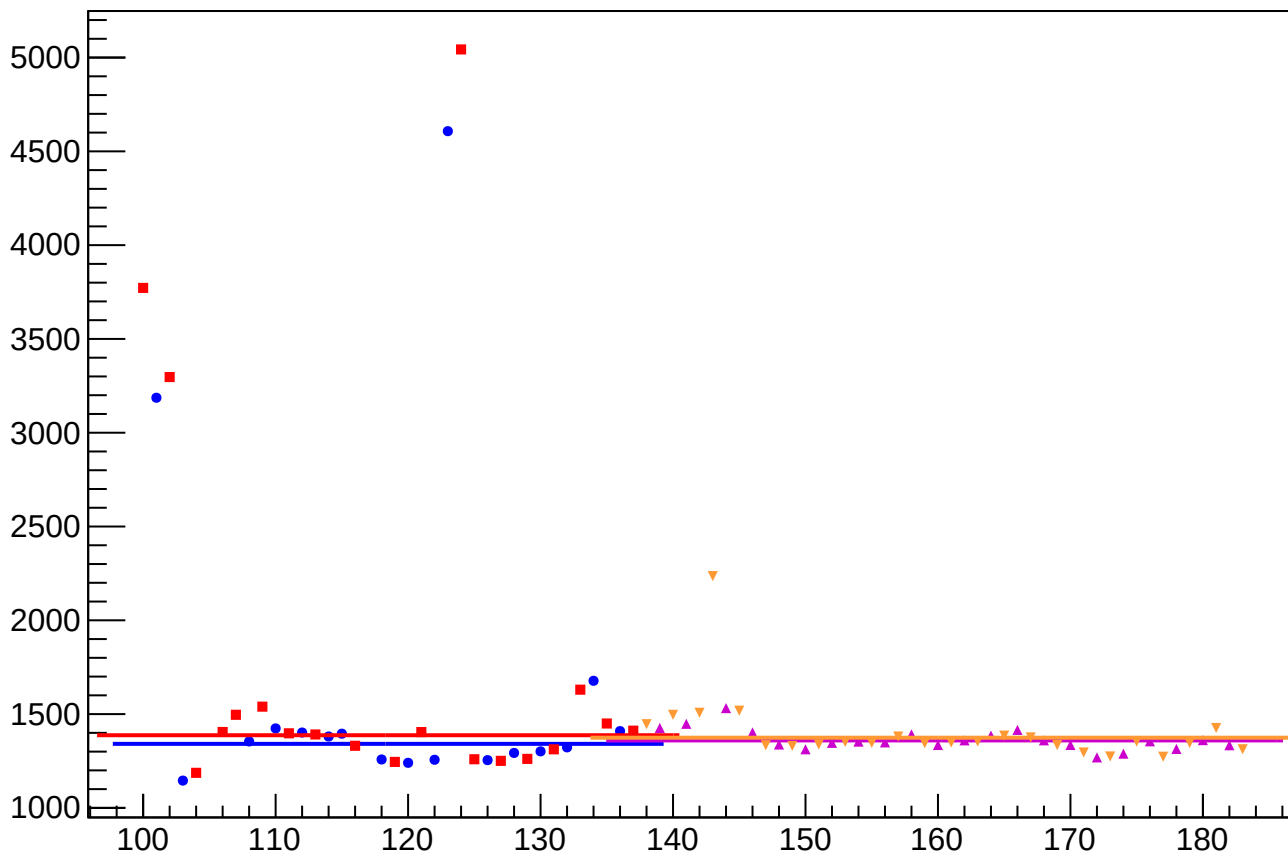
Right: 2234.784 $\pm$ 378.395 χ^2 /NDF: 37.3/35

In: 2642.900 $\pm$ 278.916 χ^2 /NDF:32.8/38

Out: 1617.903 $\pm$ 277.760 χ^2 /NDF:61.4/42

All: 2128.273 $\pm$ 196.813 χ^2 /NDF: 100.9/81

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1341.374+/-0.376 χ^2/NDF : 504272.1/16

Left Out: 1374.188+/-0.229 χ^2/NDF : 302283.2/23

Right Out: 1387.348+/-0.381 χ^2/NDF : 650193.3/18

Left In: 1359.694+/-0.232 χ^2/NDF : 55037.2/21

Left: 1367.023+/-0.163 χ^2/NDF : 359298.2/45

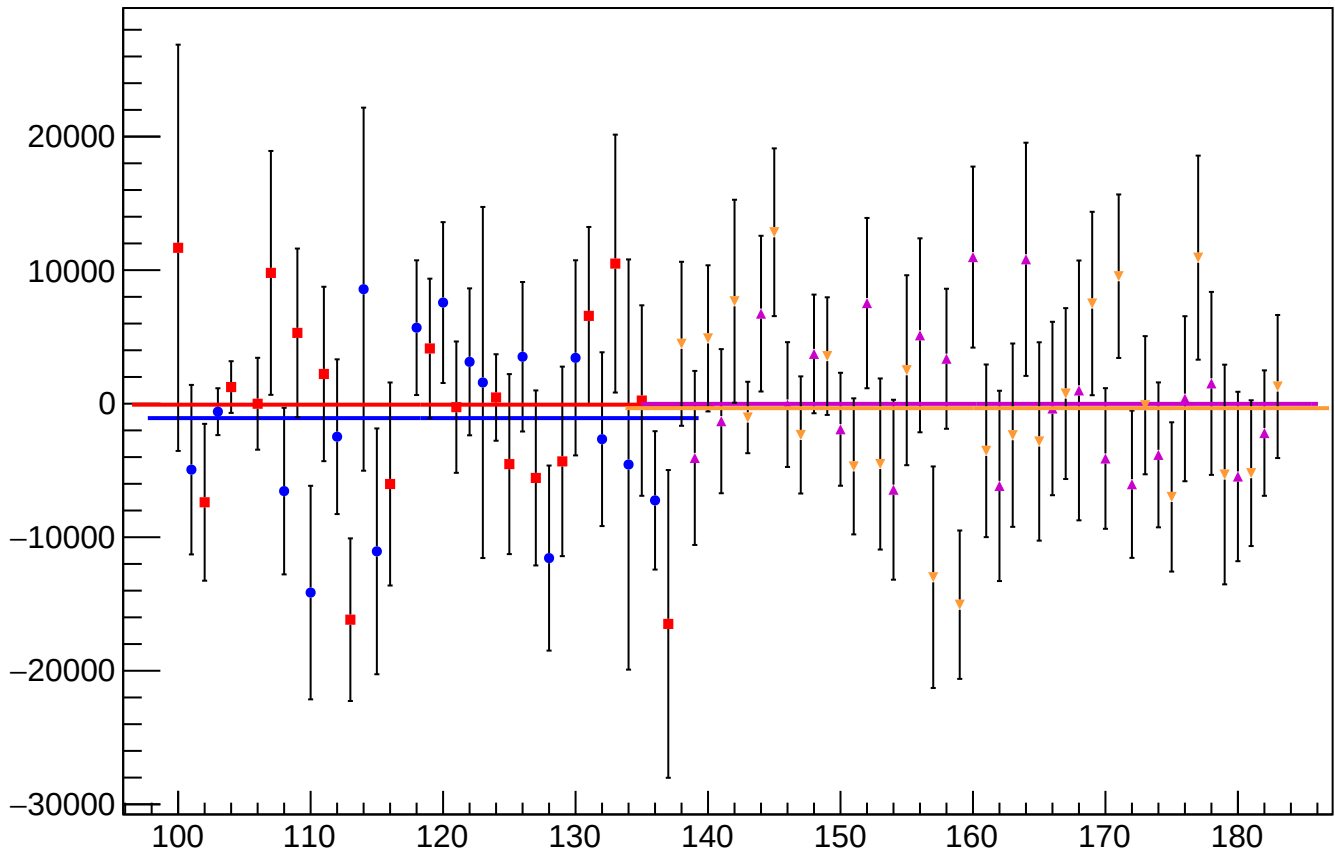
Right: 1364.024+/-0.268 χ^2/NDF : 1161848.1/35

In: 1354.642+/-0.197 χ^2/NDF : 561032.5/38

Out: 1377.682+/-0.196 χ^2/NDF : 953352.4/42

All: 1366.211+/-0.139 χ^2/NDF : 1521237.9/81

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: -1081.040 $\pm$ 1212.382 χ^2 /NDF: 15.0/16

Left Out: -335.823 $\pm$ 1131.690 χ^2 /NDF:28.0/23

Right Out: -74.089 $\pm$ 1126.219 χ^2 /NDF: 18.6/18

Left In: -14.347 $\pm$ 1239.329 χ^2 /NDF:14.1/21

Left: -189.650 $\pm$ 835.693 χ^2 /NDF: 42.2/45

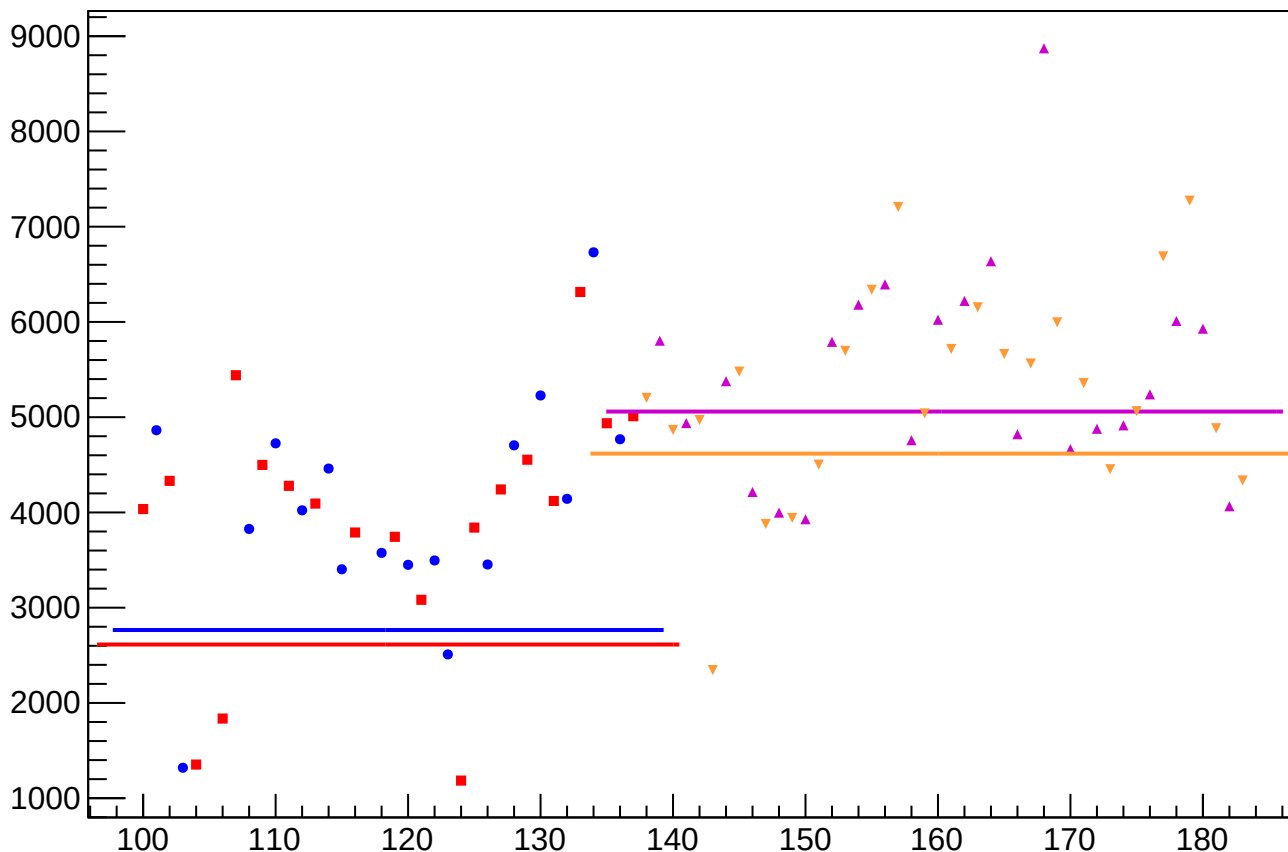
Right: -540.514 $\pm$ 825.138 χ^2 /NDF: 34.0/35

In: -559.416 $\pm$ 866.654 χ^2 /NDF:29.5/38

Out: -204.322 $\pm$ 798.284 χ^2 /NDF:46.6/42

All: -367.312 $\pm$ 587.157 χ^2 /NDF: 76.2/81

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 2765.736 $\pm$ 0.857 χ^2 /NDF: 2939083.2/16

Left Out: 4617.470 $\pm$ 0.800 χ^2 /NDF: 2724290.0/23

Right Out: 2613.368 $\pm$ 0.796 χ^2 /NDF: 3339918.9/18

Left In: 5059.059 $\pm$ 0.876 χ^2 /NDF: 1162366.3/21

Left: 4818.259 $\pm$ 0.591 χ^2 /NDF: 4025119.1/45

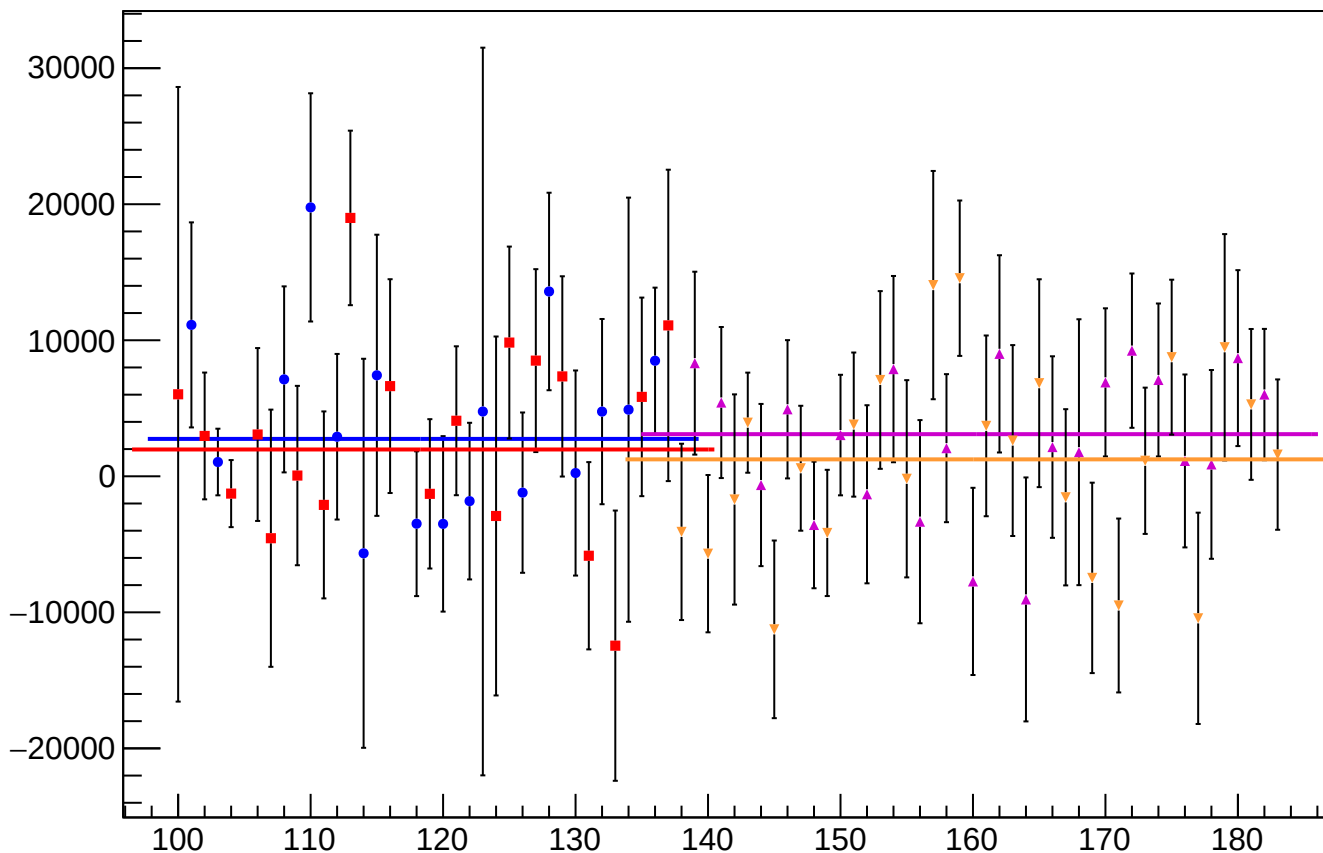
Right: 2683.946 $\pm$ 0.583 χ^2 /NDF: 6295959.0/35

In: 3887.195 $\pm$ 0.613 χ^2 /NDF: 7600896.0/38

Out: 3610.563 $\pm$ 0.564 χ^2 /NDF: 9215468.8/42

All: 3737.538 $\pm$ 0.415 χ^2 /NDF: 16926604.7/80

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2748.280+/-1446.638 χ^2/NDF : 13.8/16

Left Out: 1244.332+/-1216.961 χ^2/NDF :27.5/23

Right Out: 1971.156+/-1381.709 χ^2/NDF : 17.8/18

Left In: 3097.050+/-1281.101 χ^2/NDF :13.6/21

Left: 2123.152+/-882.326 χ^2/NDF : 42.1/45

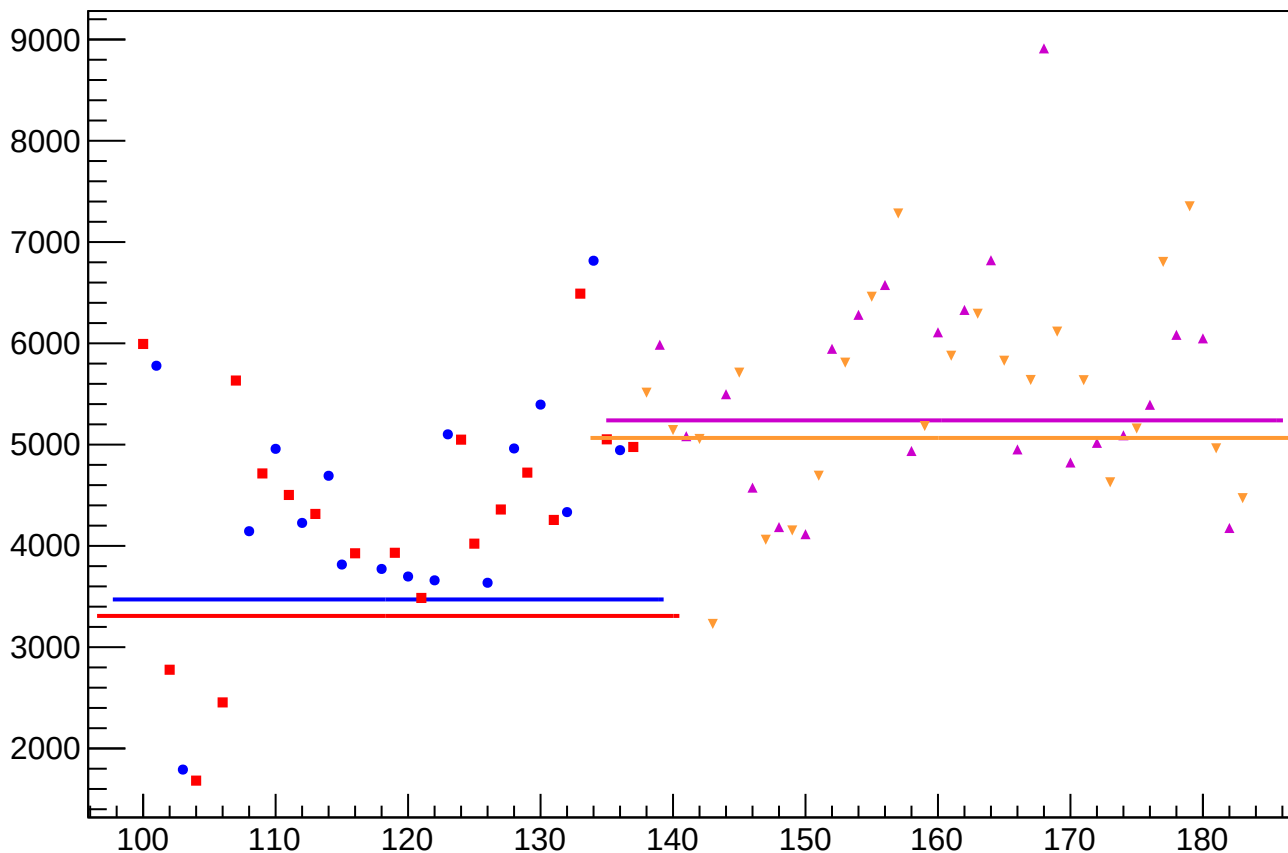
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

In: 2943.753+/-959.085 χ^2/NDF :27.4/38

Out: 1561.850+/-913.243 χ^2/NDF :45.4/42

All: 2218.987+/-661.373 χ^2/NDF : 73.9/81

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3471.154 $\pm$ 1.023 χ^2/NDF : 1767892.8/16

Left Out: 5065.902 $\pm$ 0.861 χ^2/NDF : 1427455.7/23

Right Out: 3308.555 $\pm$ 0.968 χ^2/NDF : 1914383.5/18

Left In: 5239.279 $\pm$ 0.906 χ^2/NDF : 1036014.5/21

Left: 5148.142 $\pm$ 0.624 χ^2/NDF : 2482725.5/45

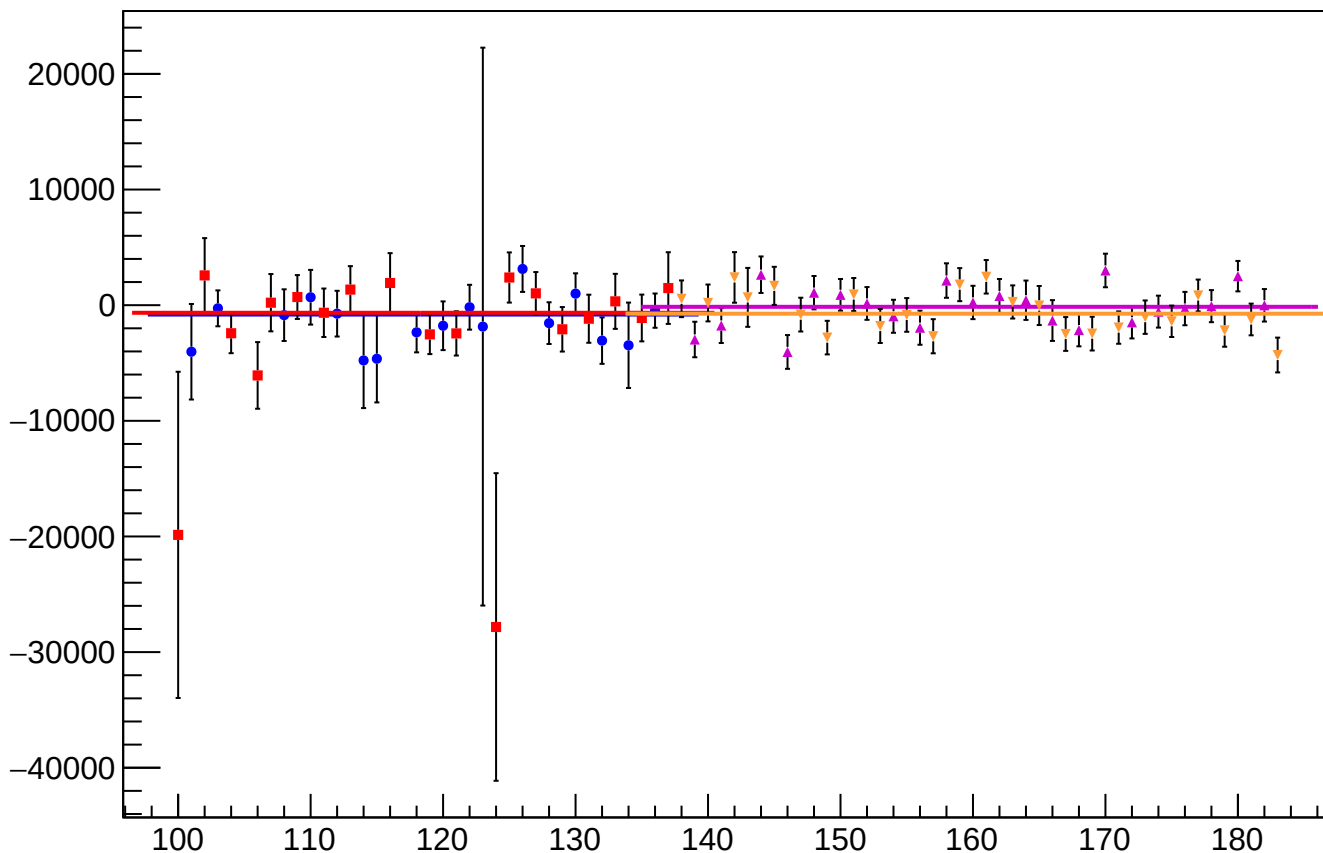
Right: 3385.381 $\pm$ 0.703 χ^2/NDF : 3695605.3/35

In: 4462.103 $\pm$ 0.678 χ^2/NDF : 4478447.5/38

Out: 4290.246 $\pm$ 0.643 χ^2/NDF : 5182623.4/42

All: 4371.625 $\pm$ 0.467 χ^2/NDF : 9694880.0/81

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -809.017+/-518.190 χ^2 /NDF: 11.2/16

Left Out: -735.861+/-306.659 χ^2 /NDF:31.8/23

Right Out: -656.248+/-514.588 χ^2 /NDF: 20.4/18

Left In: -141.163+/-310.679 χ^2 /NDF:33.1/21

Left: -442.384+/-218.248 χ^2 /NDF: 66.8/45

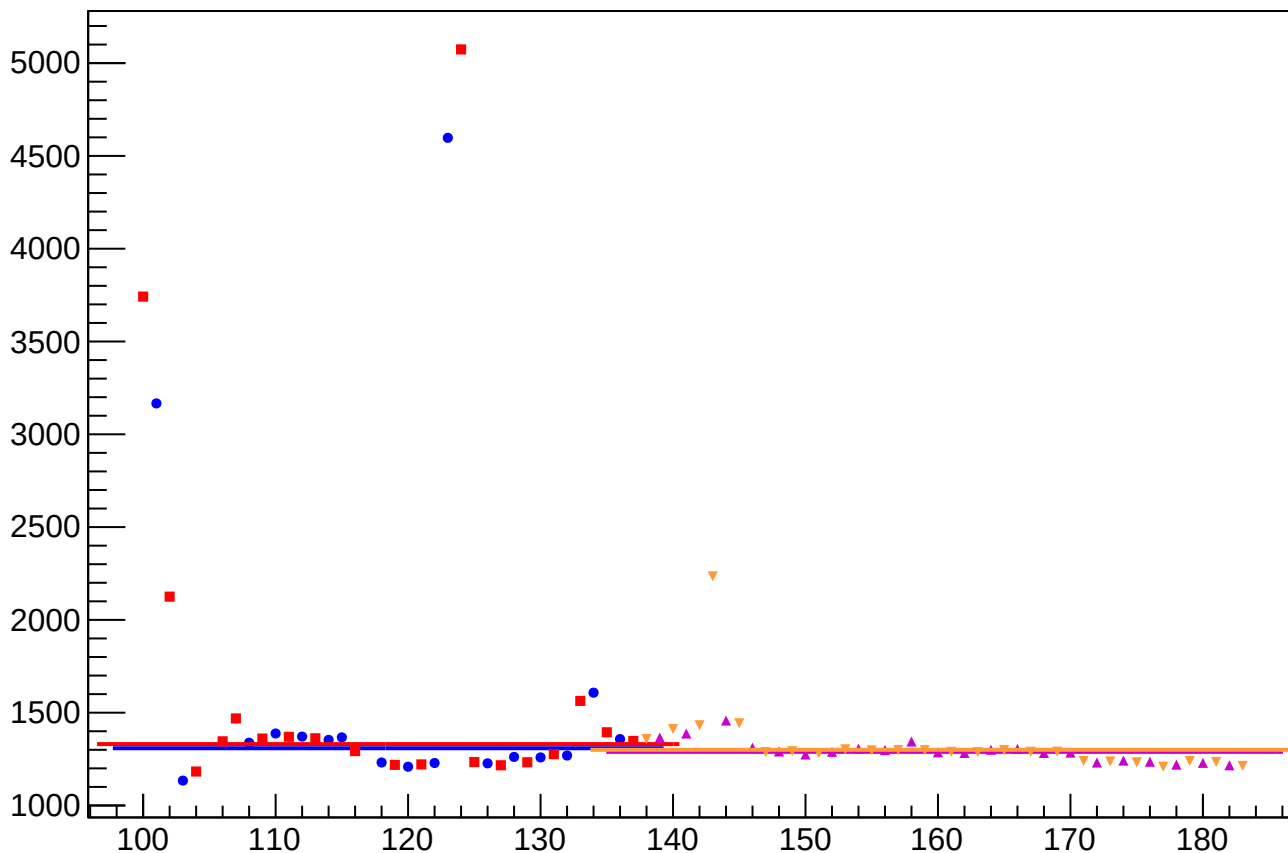
Right: -732.099+/-365.136 χ^2 /NDF: 31.6/35

In: -317.751+/-266.458 χ^2 /NDF:45.5/38

Out: -714.997+/-263.430 χ^2 /NDF:52.2/42

All: -518.645+/-187.334 χ^2 /NDF: 98.9/81

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1308.367+/-0.366 χ^2/NDF : 506545.0/16

Left Out: 1299.973+/-0.217 χ^2/NDF : 341178.3/23

Right Out: 1330.860+/-0.364 χ^2/NDF : 415845.6/18

Left In: 1288.958+/-0.220 χ^2/NDF : 63314.6/21

Left: 1294.537+/-0.154 χ^2/NDF : 405766.3/45

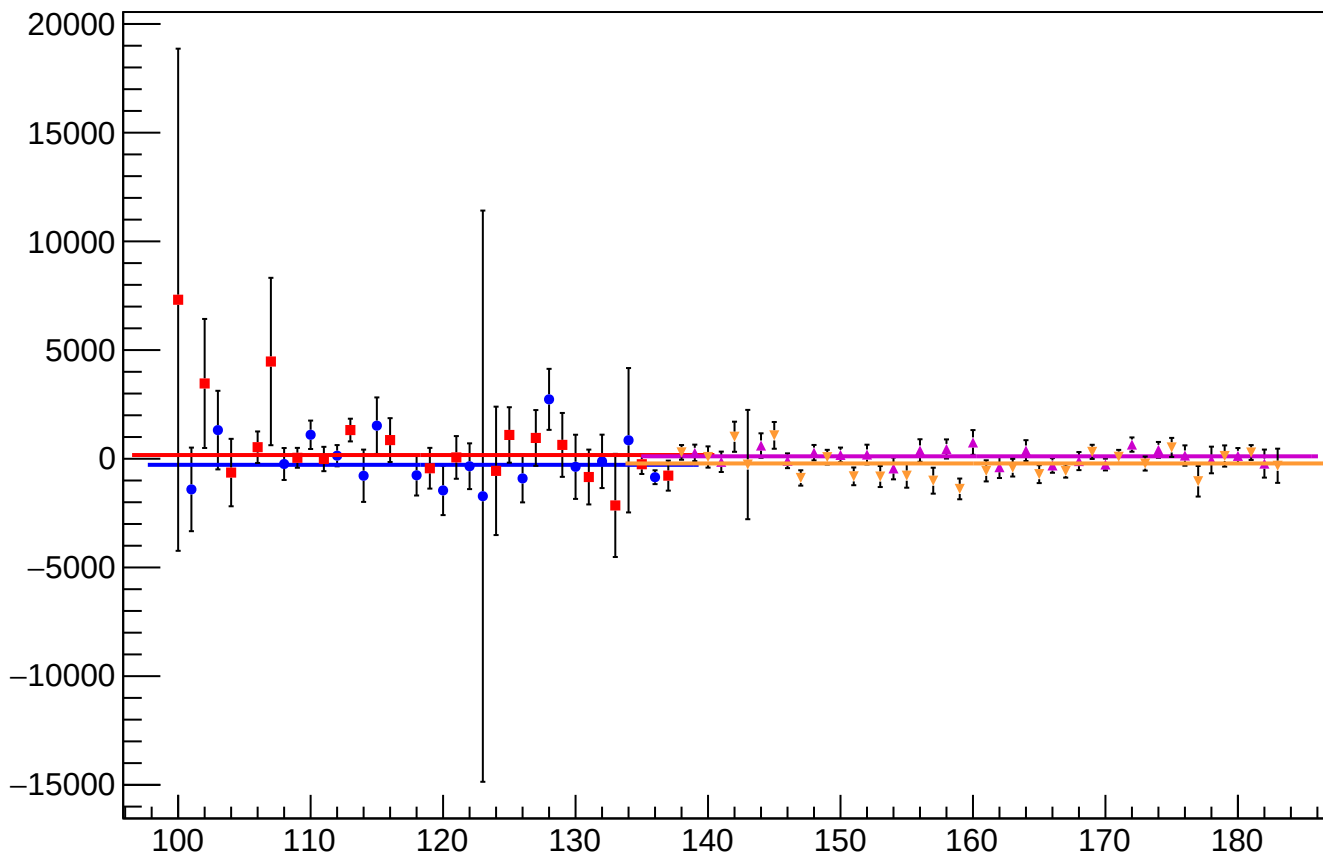
Right: 1319.692+/-0.258 χ^2/NDF : 924287.9/35

In: 1294.090+/-0.188 χ^2/NDF : 571923.5/38

Out: 1308.067+/-0.186 χ^2/NDF : 762340.9/42

All: 1301.159+/-0.132 χ^2/NDF : 1337047.6/81

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: -278.710 ± 198.123 $\chi^2/\text{NDF}: 18.0/16$

Left Out: -215.504 ± 86.751 $\chi^2/\text{NDF}: 40.9/23$

Right Out: 171.593 ± 192.461 $\chi^2/\text{NDF}: 14.7/18$

Left In: 112.778 ± 87.234 $\chi^2/\text{NDF}: 14.0/21$

Left: -52.274 ± 61.512 $\chi^2/\text{NDF}: 62.0/45$

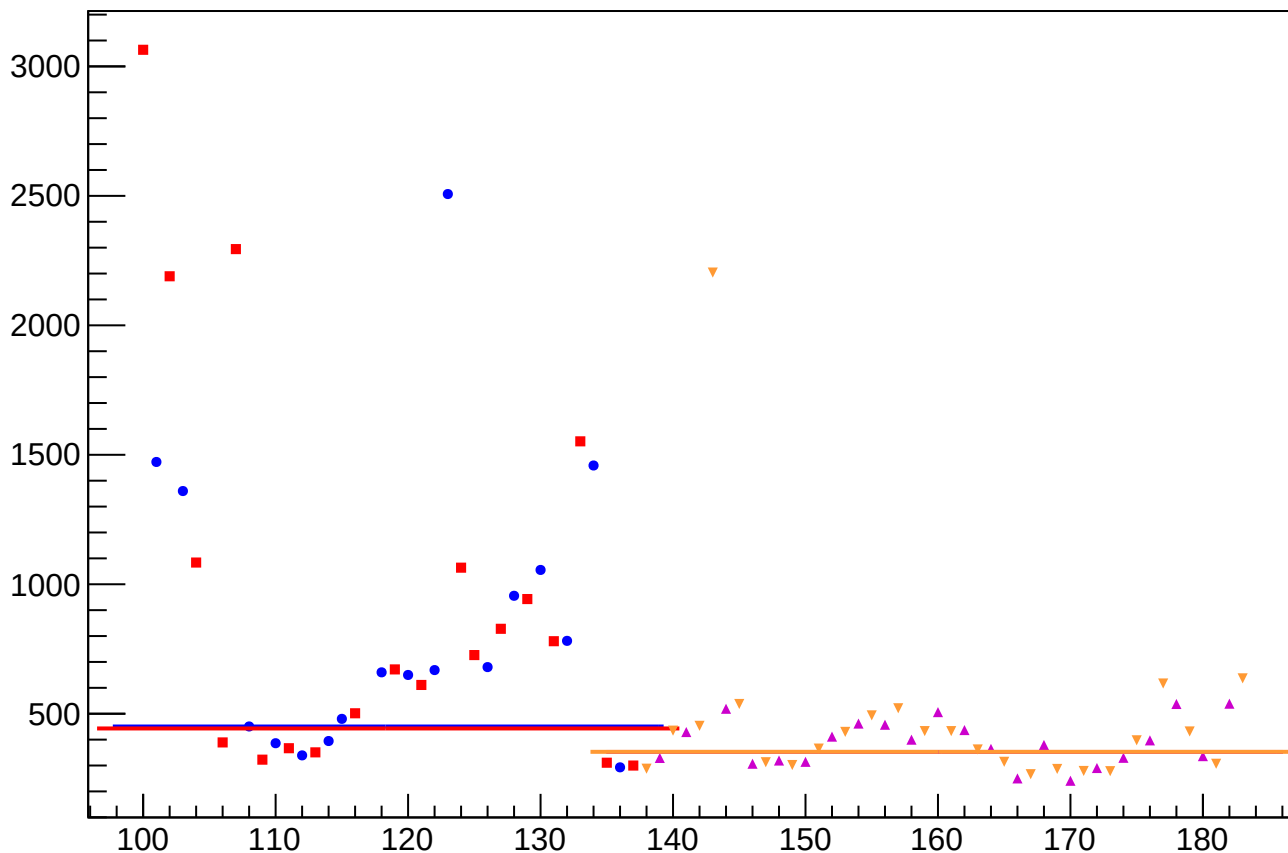
Right: -47.033 ± 138.049 $\chi^2/\text{NDF}: 35.4/35$

In: 49.206 ± 79.838 $\chi^2/\text{NDF}: 35.3/38$

Out: -150.137 ± 79.088 $\chi^2/\text{NDF}: 59.0/42$

All: -51.405 ± 56.187 $\chi^2/\text{NDF}: 97.4/81$

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 450.595 $\pm$ 0.140 χ^2 /NDF: 2997735.1/16

Left Out: 352.858 $\pm$ 0.061 χ^2 /NDF: 3086662.8/23

Right Out: 443.096 $\pm$ 0.136 χ^2 /NDF: 3471372.7/18

Left In: 352.251 $\pm$ 0.062 χ^2 /NDF: 1732005.4/21

Left: 352.557 $\pm$ 0.043 χ^2 /NDF: 4818716.8/45

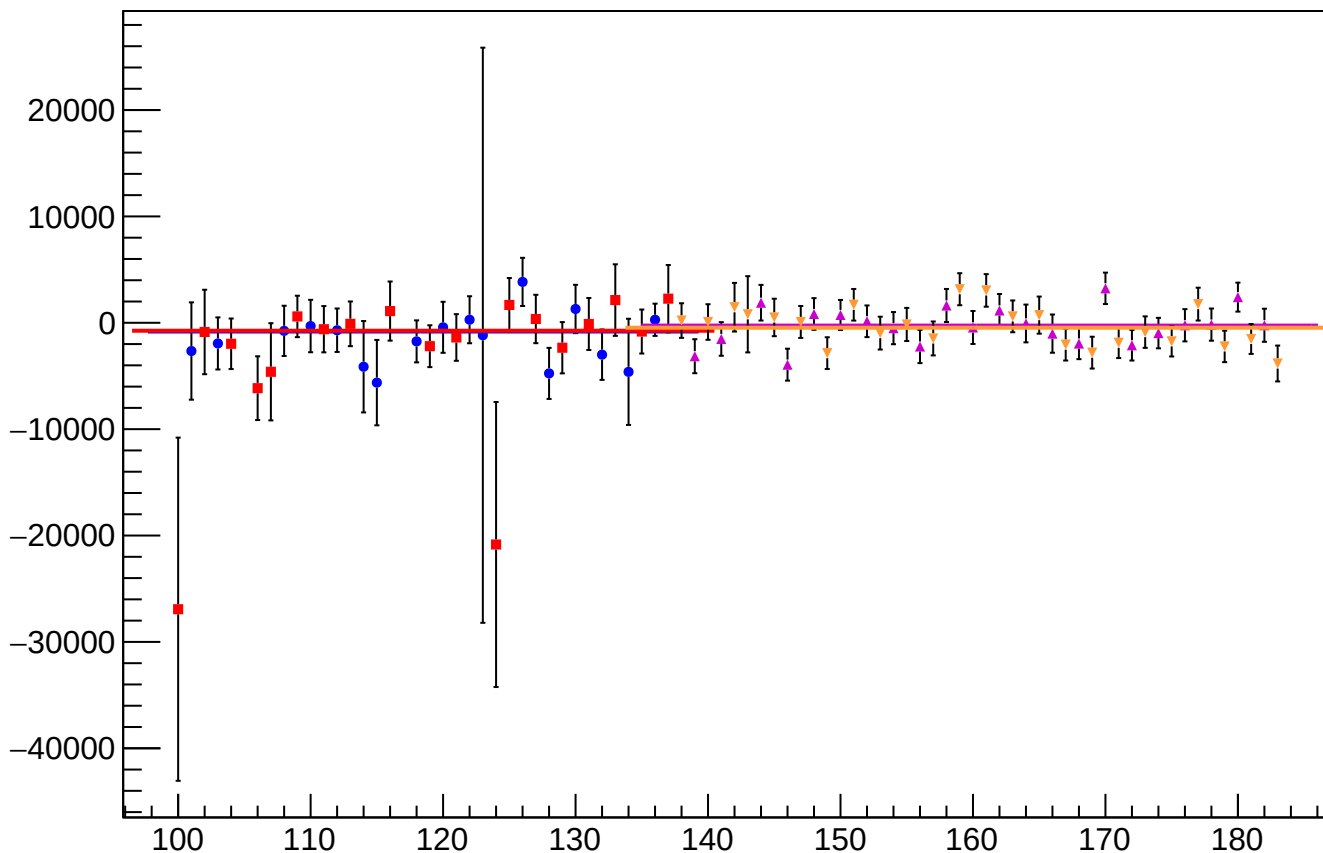
Right: 446.737 $\pm$ 0.098 χ^2 /NDF: 6470582.3/35

In: 368.221 $\pm$ 0.056 χ^2 /NDF: 5142505.6/38

Out: 368.096 $\pm$ 0.056 χ^2 /NDF: 6923452.7/42

All: 368.158 $\pm$ 0.040 χ^2 /NDF: 12065960.8/81

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -817.110 $\pm$ 601.150 χ^2 /NDF: 12.7/16

Left Out: -463.038 $\pm$ 322.732 χ^2 /NDF:32.2/23

Right Out: -746.365 $\pm$ 595.659 χ^2 /NDF: 14.1/18

Left In: -264.461 $\pm$ 325.492 χ^2 /NDF:29.5/21

Left: -364.595 $\pm$ 229.176 χ^2 /NDF: 61.9/45

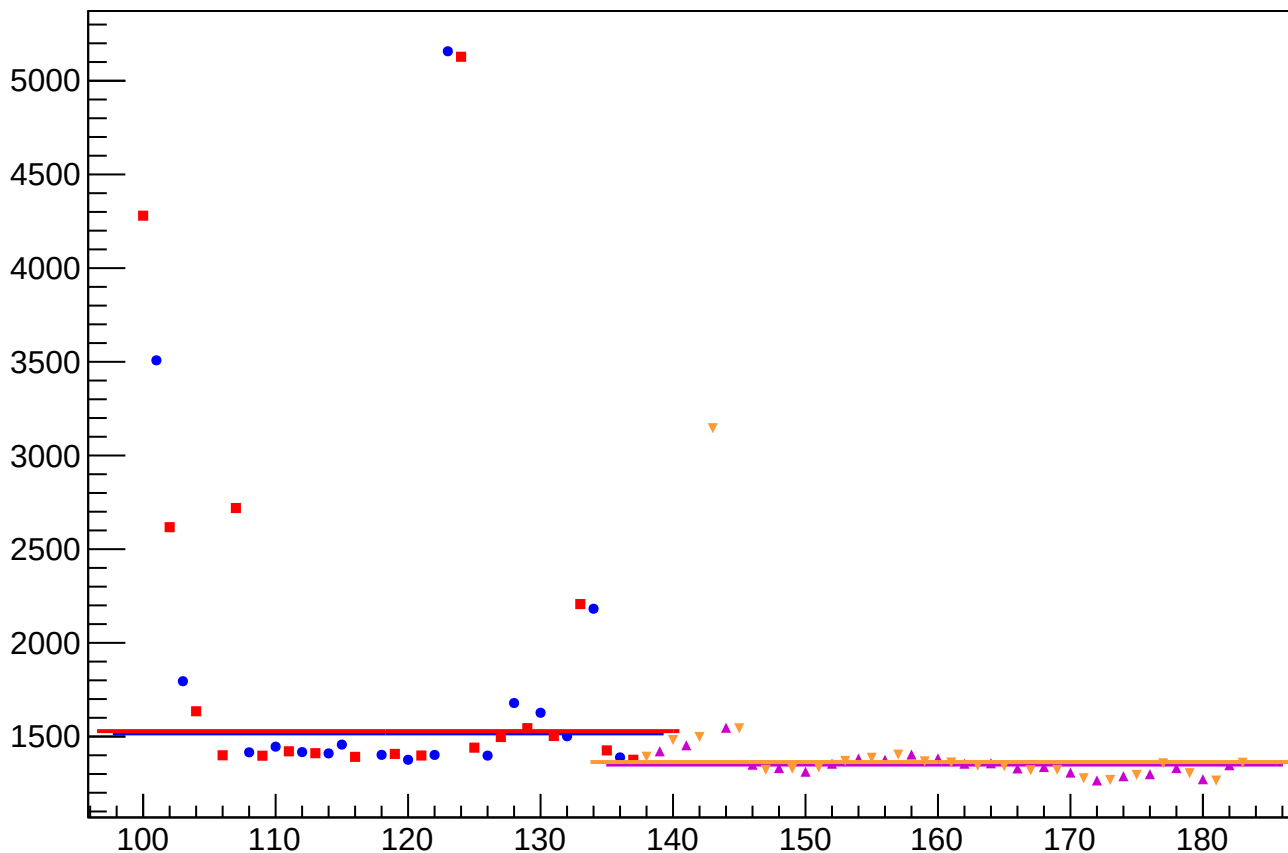
Right: -781.413 $\pm$ 423.122 χ^2 /NDF: 26.8/35

In: -389.749 $\pm$ 286.229 χ^2 /NDF:42.8/38

Out: -527.335 $\pm$ 283.759 χ^2 /NDF:46.4/42

All: -459.138 $\pm$ 201.515 χ^2 /NDF: 89.4/81

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1516.935 $\pm$ 0.425 χ^2 /NDF: 541039.6/16

Left Out: 1363.907 $\pm$ 0.228 χ^2 /NDF: 575065.4/23

Right Out: 1528.856 $\pm$ 0.421 χ^2 /NDF: 630181.6/18

Left In: 1350.488 $\pm$ 0.230 χ^2 /NDF: 68633.9/21

Left: 1357.255 $\pm$ 0.162 χ^2 /NDF: 645413.6/45

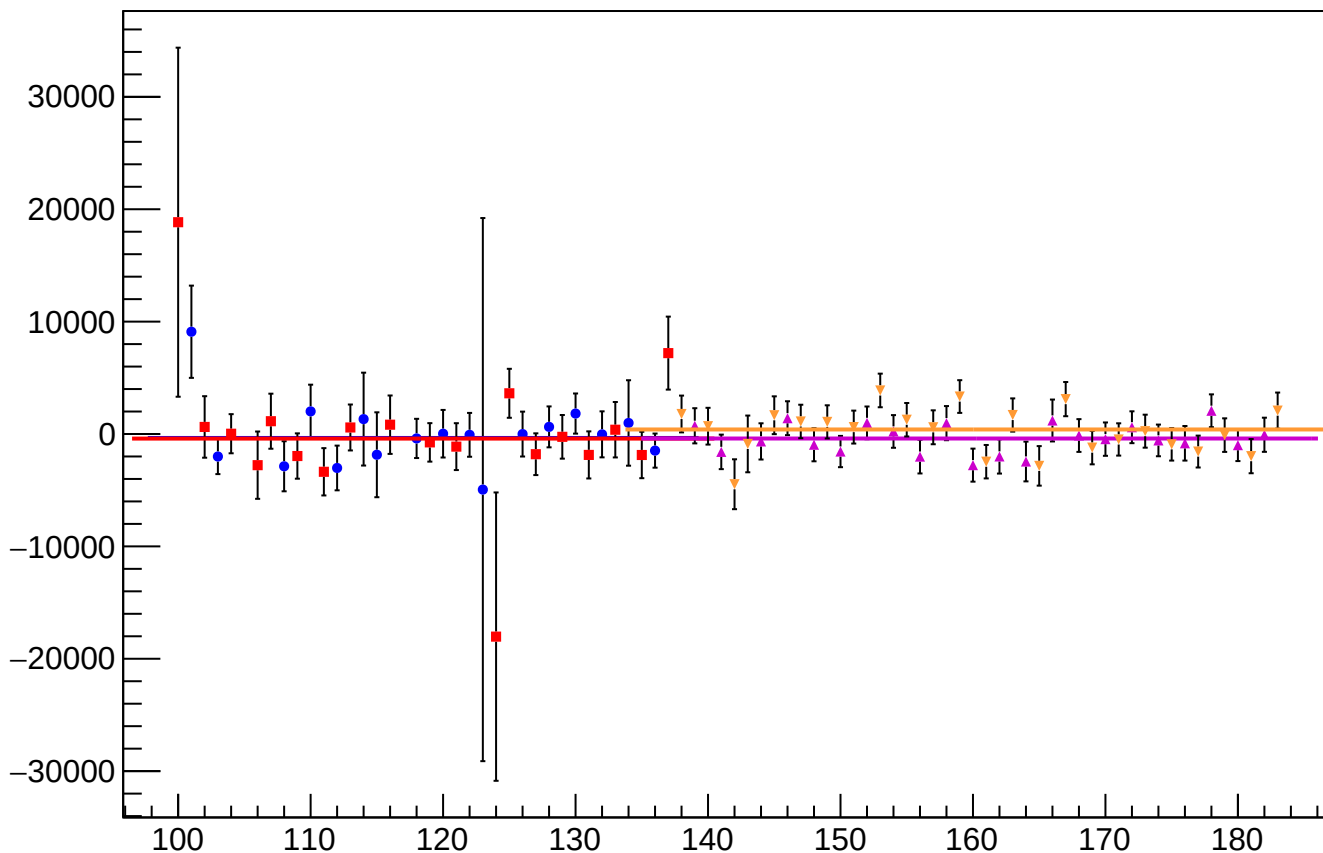
Right: 1522.950 $\pm$ 0.299 χ^2 /NDF: 1171618.0/35

In: 1388.222 $\pm$ 0.202 χ^2 /NDF: 728241.4/38

Out: 1401.341 $\pm$ 0.201 χ^2 /NDF: 1323810.5/42

All: 1394.838 $\pm$ 0.142 χ^2 /NDF: 2054170.6/81

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -353.131 ± 523.324 χ^2/NDF : 13.4/16

Left Out: 403.233 ± 317.011 χ^2/NDF : 35.6/23

Right Out: -407.388 ± 522.047 χ^2/NDF : 18.4/18

Left In: -401.892 ± 320.958 χ^2/NDF : 16.0/21

Left: 5.651 ± 225.543 χ^2/NDF : 54.8/45

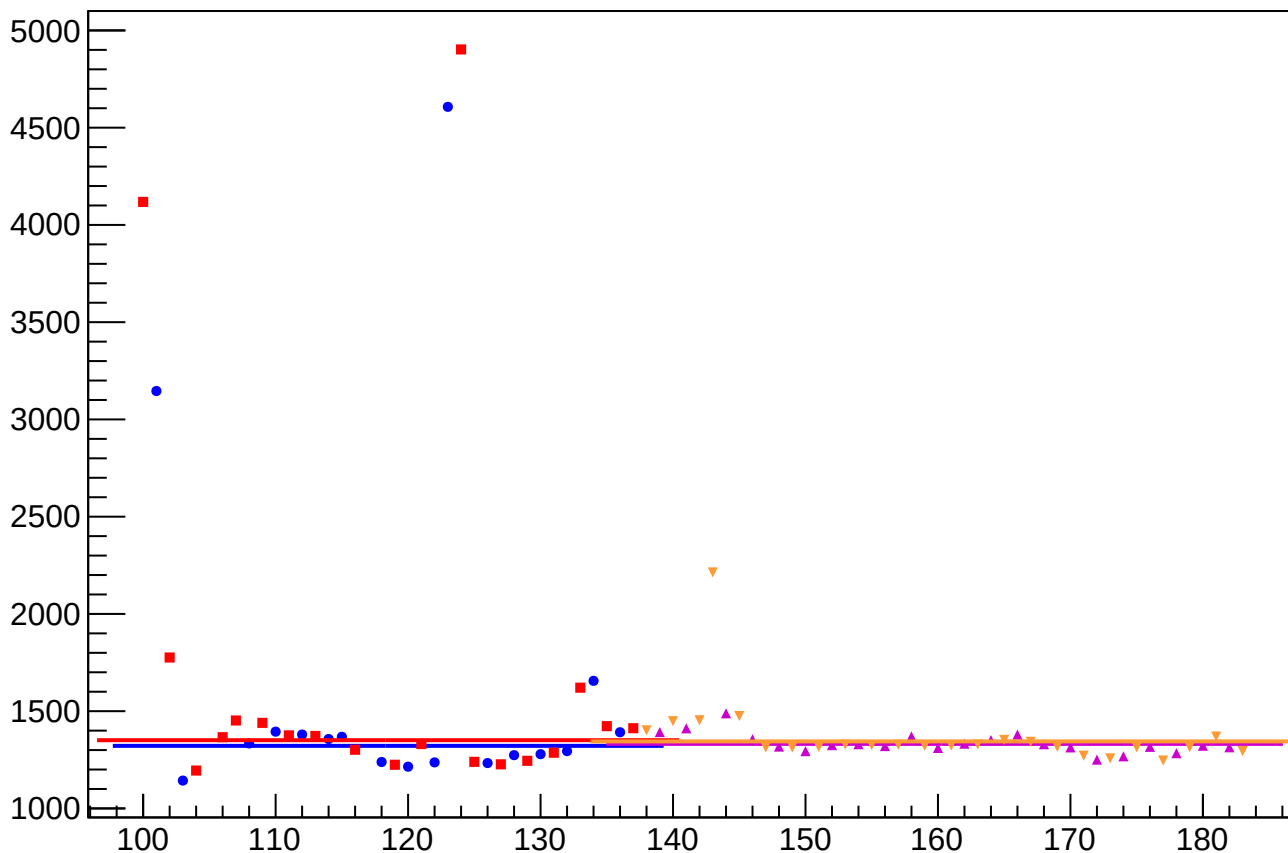
Right: -380.326 ± 369.594 χ^2/NDF : 31.8/35

In: -388.564 ± 273.600 χ^2/NDF : 29.4/38

Out: 184.847 ± 270.964 χ^2/NDF : 55.8/42

All: -99.084 ± 192.526 χ^2/NDF : 87.4/81

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1321.703 $\pm$ 0.370 χ^2 /NDF: 502245.7/16

Left Out: 1344.612 $\pm$ 0.224 χ^2 /NDF: 295531.3/23

Right Out: 1350.773 $\pm$ 0.369 χ^2 /NDF: 349883.8/18

Left In: 1331.861 $\pm$ 0.227 χ^2 /NDF: 46616.5/21

Left: 1338.315 $\pm$ 0.159 χ^2 /NDF: 343745.7/45

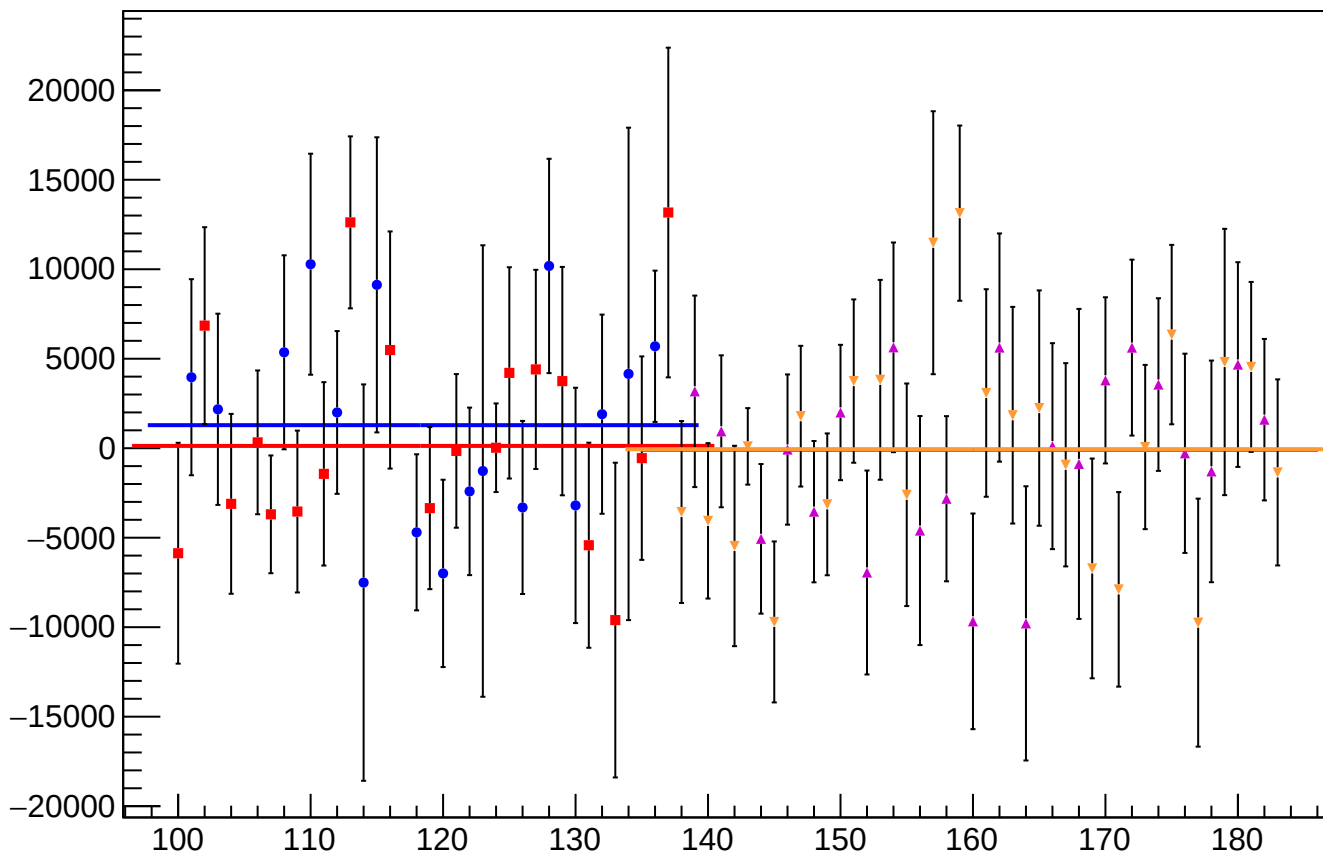
Right: 1336.281 $\pm$ 0.261 χ^2 /NDF: 855224.6/35

In: 1329.084 $\pm$ 0.193 χ^2 /NDF: 549409.8/38

Out: 1346.273 $\pm$ 0.192 χ^2 /NDF: 645618.8/42

All: 1337.763 $\pm$ 0.136 χ^2 /NDF: 1199014.4/81

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



Right In: 1287.495+/-1375.853 χ^2/NDF : 14.3/16

Left Out: -56.947+/-968.728 χ^2/NDF : 27.6/23

Right Out: 128.973+/-1088.247 χ^2/NDF : 18.5/18

Left In: -89.338+/-1083.727 χ^2/NDF : 14.6/21

Left: -71.333+/-722.242 χ^2/NDF : 42.2/45

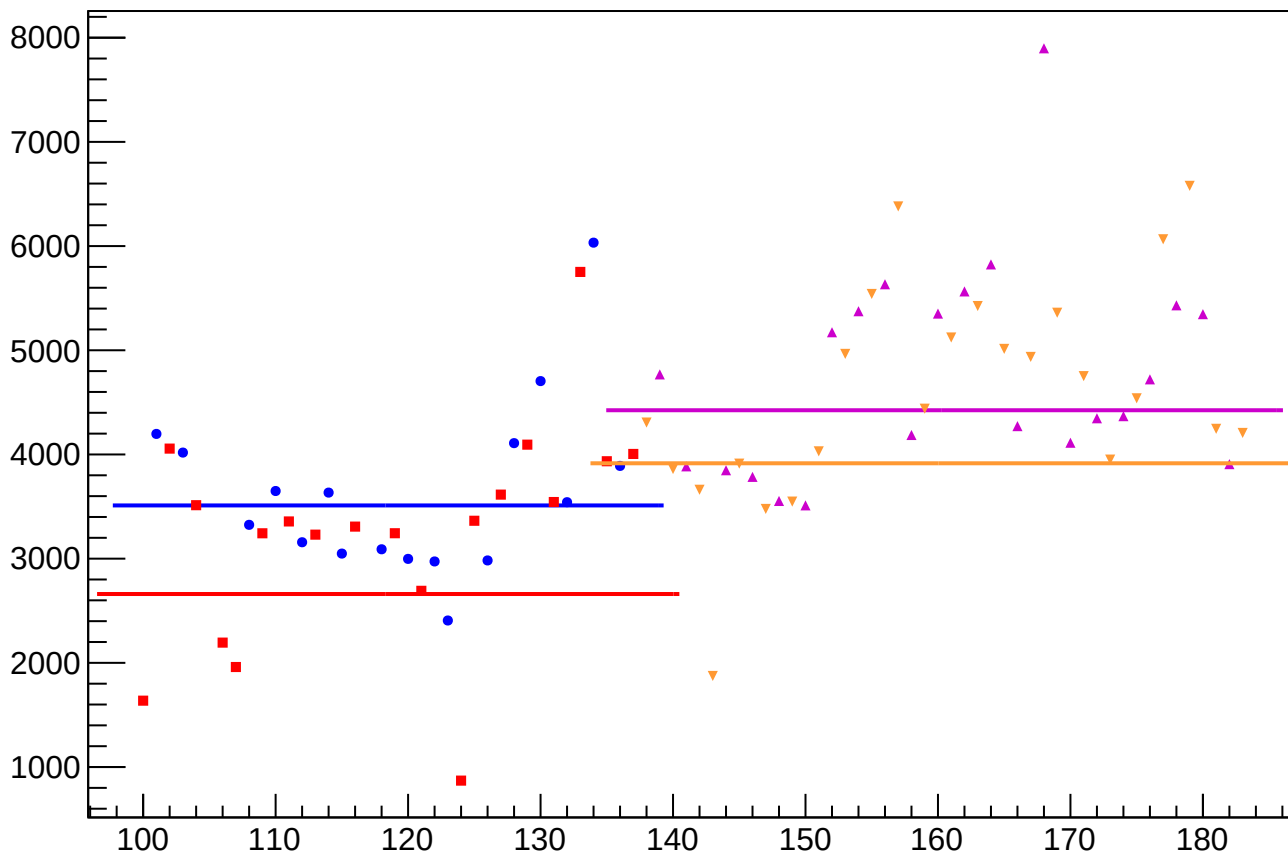
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

In: 437.826+/-851.342 χ^2/NDF : 29.5/38

Out: 25.247+/-723.575 χ^2/NDF : 46.1/42

All: 198.284+/-551.341 χ^2/NDF : 75.8/81

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 3510.799 $\pm$ 0.973 χ^2 /NDF: 344054.4/16

Left Out: 3915.321 $\pm$ 0.685 χ^2 /NDF:3323711.2/23

Right Out: 2660.636 $\pm$ 0.770 χ^2 /NDF: 2182658.0/18

Left In: 4424.433 $\pm$ 0.766 χ^2 /NDF:1150548.4/21

Left: 4141.441 $\pm$ 0.511 χ^2 /NDF: 4719605.4/45

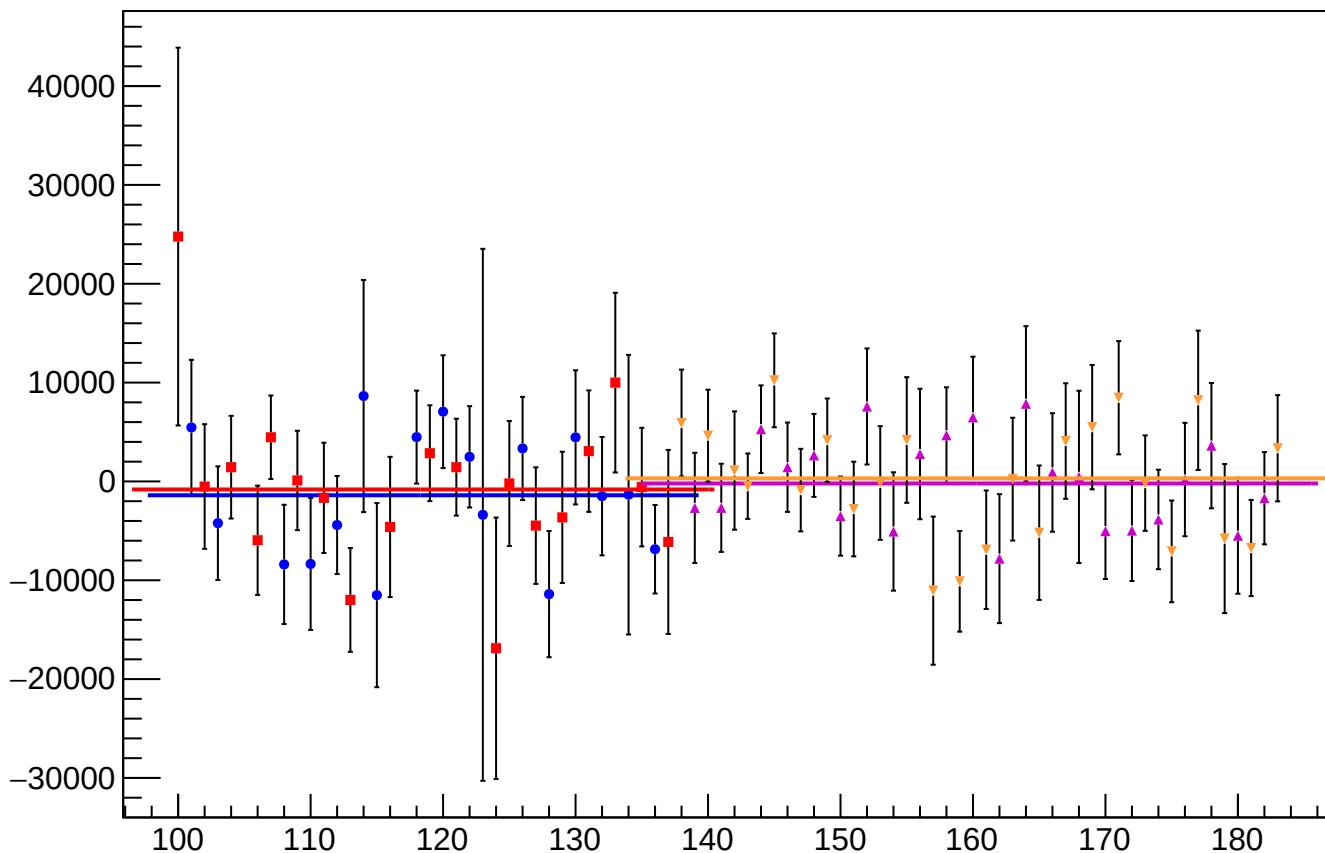
Right: 2987.822 $\pm$ 0.604 χ^2 /NDF: 2996466.4/35

In: 4074.620 $\pm$ 0.602 χ^2 /NDF:2038854.5/38

Out: 3360.636 $\pm$ 0.512 χ^2 /NDF:6989594.9/42

All: 3660.084 $\pm$ 0.390 χ^2 /NDF: 9845167.8/81

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1401.442 $\pm$ 1504.149 χ^2 /NDF: 15.8/16

Left Out: 309.978 $\pm$ 1073.339 χ^2 /NDF:26.2/23

Right Out: -814.071 $\pm$ 1379.106 χ^2 /NDF: 14.3/18

Left In: -206.589 $\pm$ 1131.079 χ^2 /NDF:14.3/21

Left: 65.216 $\pm$ 778.578 χ^2 /NDF: 40.6/45

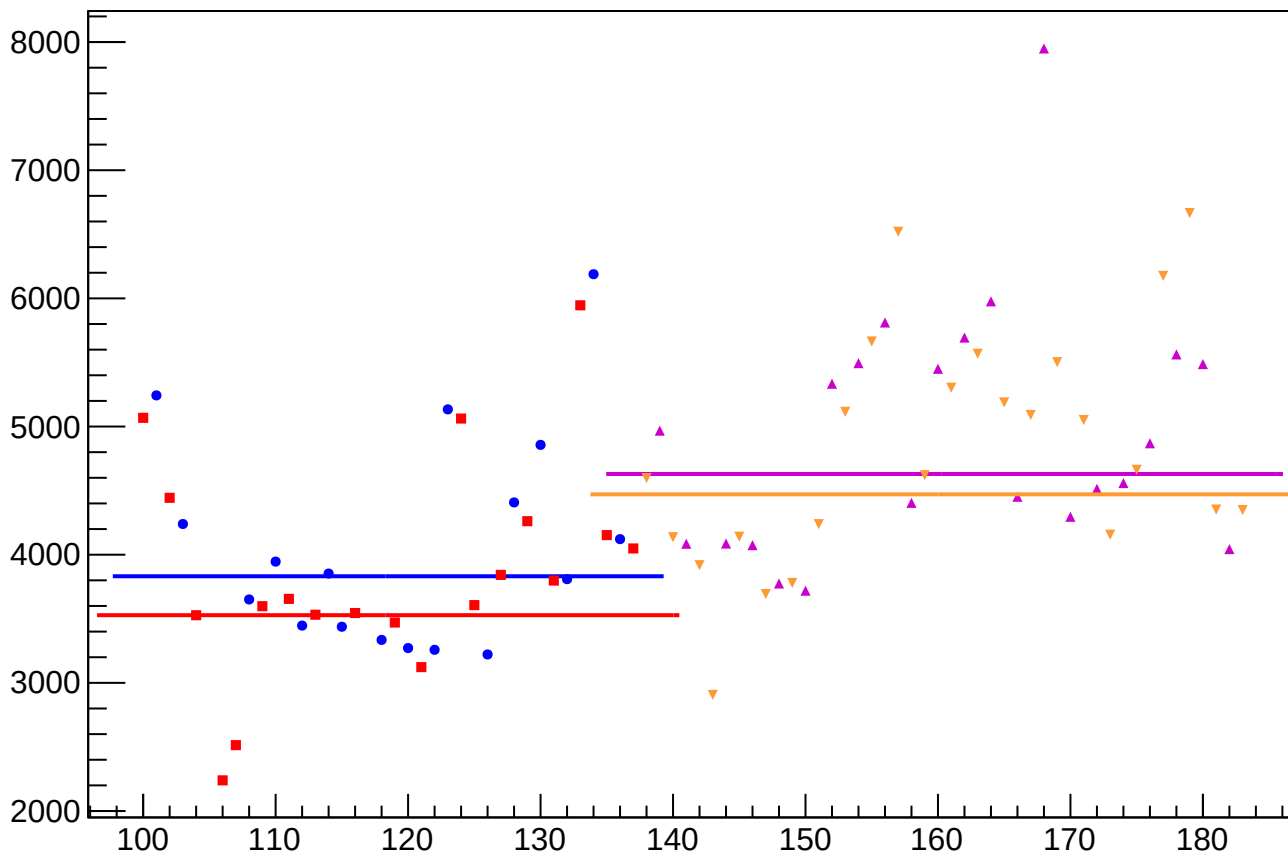
Right: -1082.331 $\pm$ 1016.512 χ^2 /NDF: 30.1/35

In: -638.183 $\pm$ 904.006 χ^2 /NDF:30.5/38

Out: -114.047 $\pm$ 847.034 χ^2 /NDF:40.9/42

All: -359.080 $\pm$ 618.104 χ^2 /NDF: 71.5/81

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3831.818+/-1.064 χ^2/NDF : 337707.1/16

Left Out: 4471.023+/-0.759 χ^2/NDF :1379465.5/23

Right Out: 3528.100+/-0.966 χ^2/NDF : 557192.5/18

Left In: 4629.904+/-0.800 χ^2/NDF :994496.0/21

Left: 4546.305+/-0.551 χ^2/NDF : 2394725.8/45

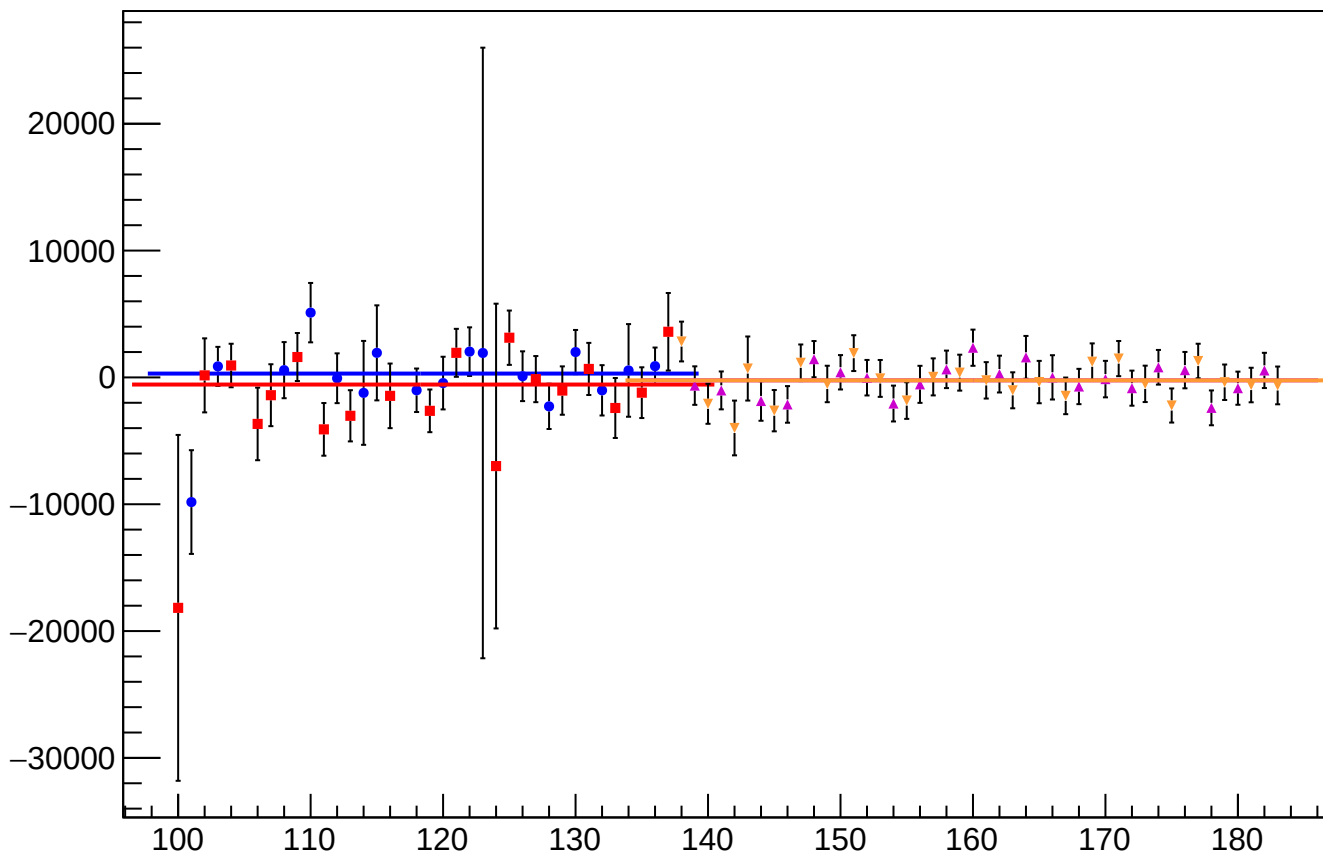
Right: 3665.441+/-0.715 χ^2/NDF : 939571.7/35

In: 4341.617+/-0.639 χ^2/NDF :1691885.3/38

Out: 4111.269+/-0.597 χ^2/NDF :2525553.9/42

All: 4218.560+/-0.436 χ^2/NDF : 4286811.5/81

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 301.968 $\pm$ 512.834 χ^2 /NDF: 16.1/16

Left Out: -232.918 $\pm$ 303.723 χ^2 /NDF:22.4/23

Right Out: -562.233 $\pm$ 508.331 χ^2 /NDF: 19.1/18

Left In: -230.005 $\pm$ 307.626 χ^2 /NDF:15.6/21

Left: -231.480 $\pm$ 216.131 χ^2 /NDF: 38.1/45

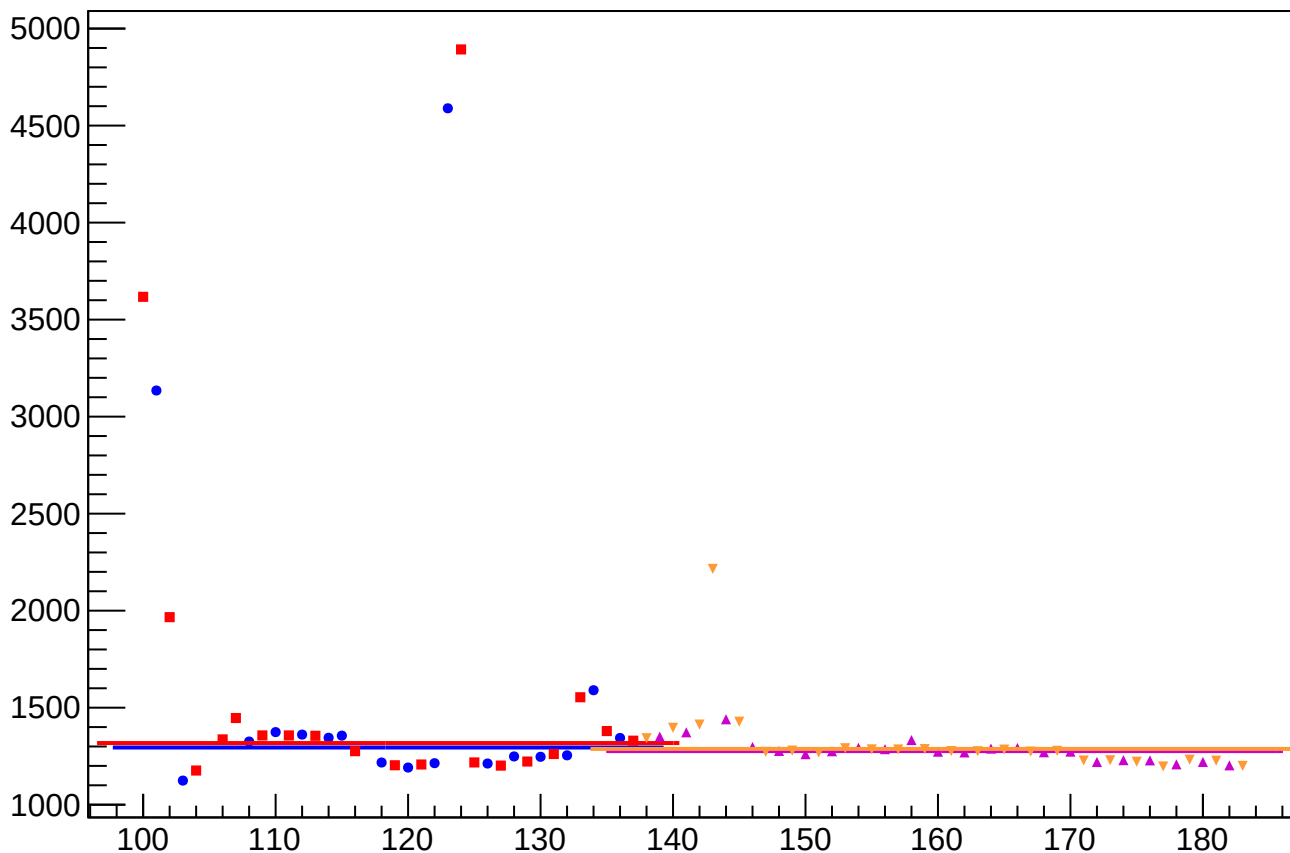
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

In: -89.239 $\pm$ 263.804 χ^2 /NDF:32.5/38

Out: -319.553 $\pm$ 260.728 χ^2 /NDF:41.9/42

All: -205.746 $\pm$ 185.441 χ^2 /NDF: 74.8/81

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1294.729 $\pm$ 0.363 χ^2 /NDF: 507803.9/16

Left Out: 1287.498 $\pm$ 0.215 χ^2 /NDF:339330.2/23

Right Out: 1317.789 $\pm$ 0.359 χ^2 /NDF: 390807.4/18

Left In: 1276.279 $\pm$ 0.218 χ^2 /NDF:61817.5/21

Left: 1281.960 $\pm$ 0.153 χ^2 /NDF: 402495.0/45

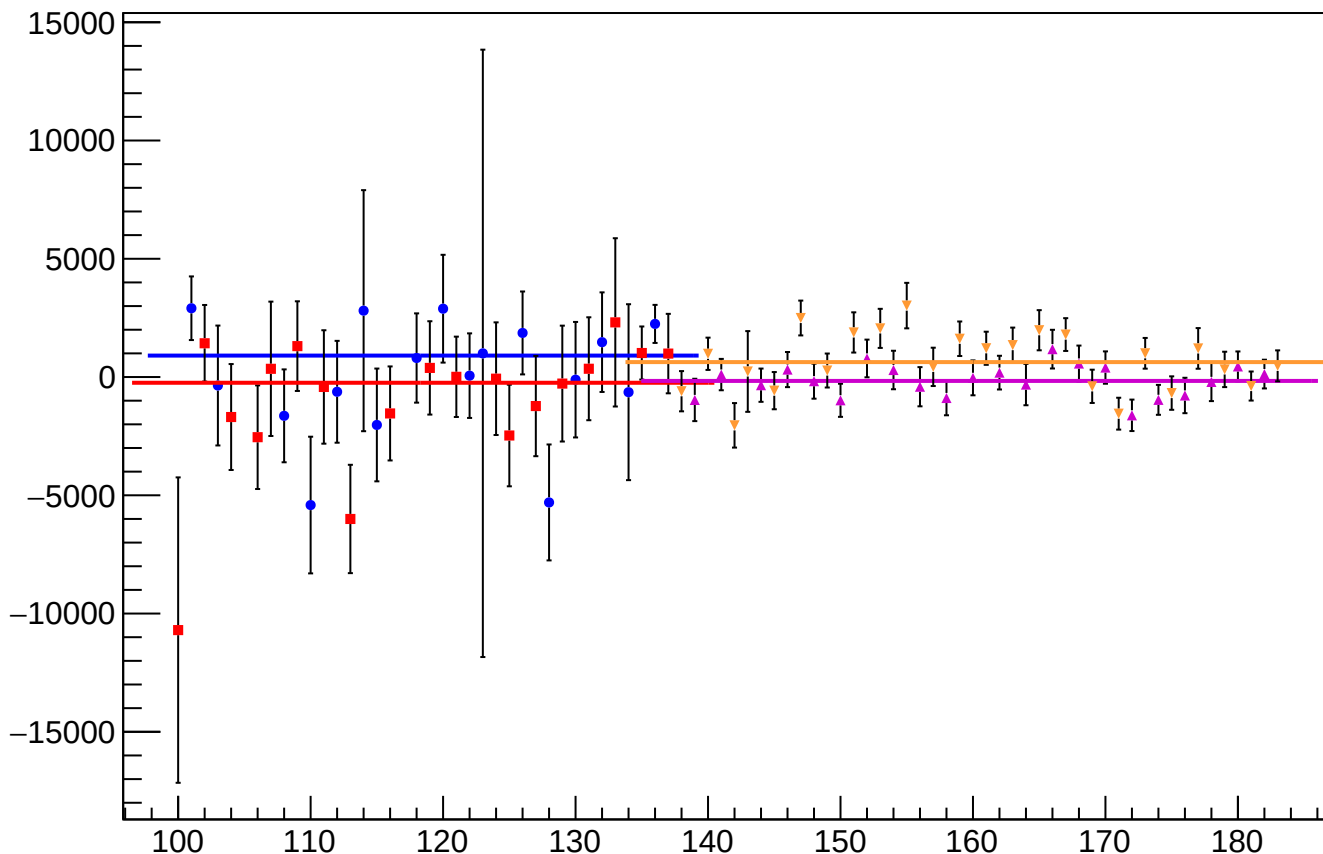
Right: 1306.361 $\pm$ 0.255 χ^2 /NDF: 900651.0/35

In: 1281.161 $\pm$ 0.187 χ^2 /NDF:571525.3/38

Out: 1295.467 $\pm$ 0.184 χ^2 /NDF:735371.0/42

All: 1288.398 $\pm$ 0.131 χ^2 /NDF: 1309871.8/81

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 906.688 $\pm$ 455.840 χ^2 /NDF: 22.0/16

Left Out: 631.515 $\pm$ 154.711 χ^2 /NDF:59.5/23

Right Out: -242.305 $\pm$ 463.339 χ^2 /NDF: 16.5/18

Left In: -164.551 $\pm$ 155.433 χ^2 /NDF:18.5/21

Left: 235.335 $\pm$ 109.651 χ^2 /NDF: 91.1/45

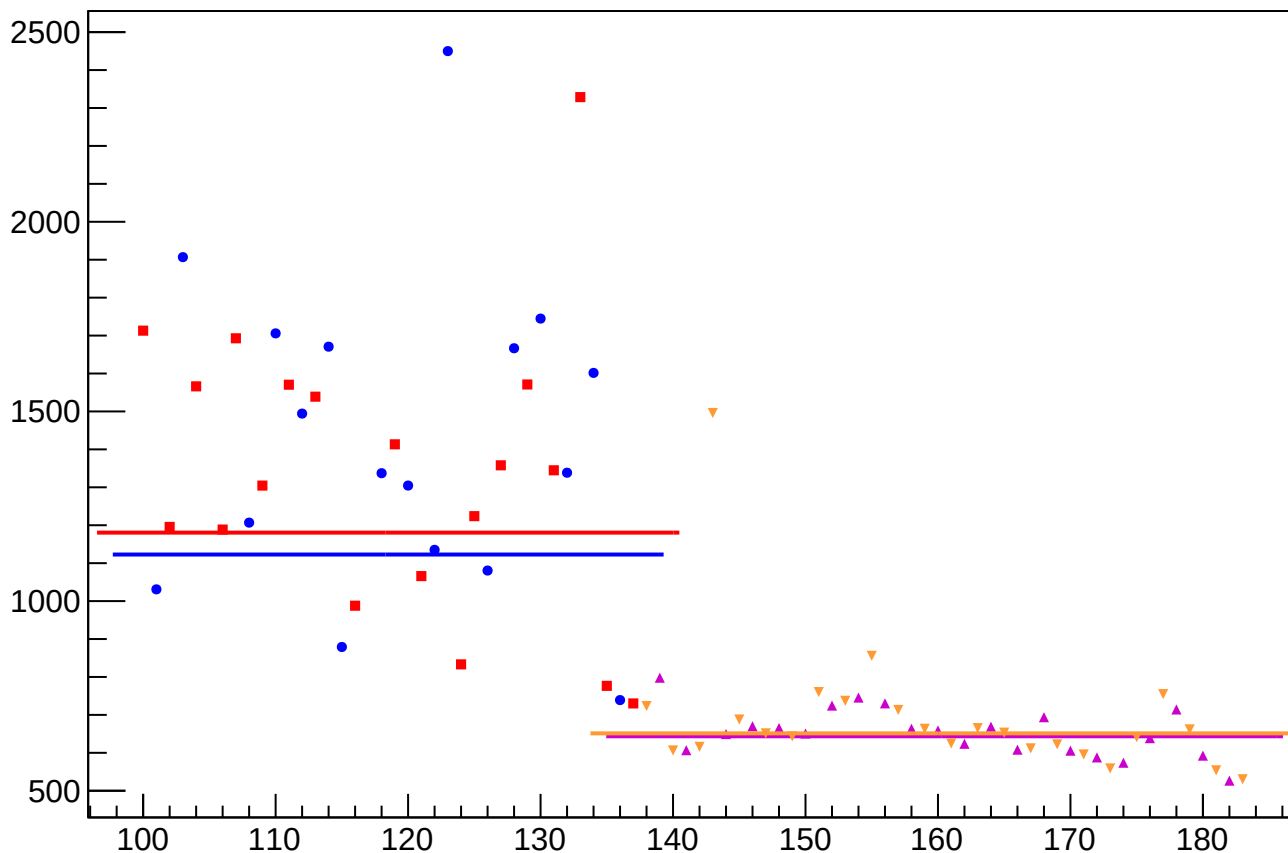
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

In: -52.973 $\pm$ 147.115 χ^2 /NDF:45.4/38

Out: 543.863 $\pm$ 146.746 χ^2 /NDF:79.1/42

All: 246.195 $\pm$ 103.896 χ^2 /NDF: 132.8/81

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773 $\pm$ 0.322 χ^2/NDF : 1187996.4/16

Left Out: 651.300 $\pm$ 0.109 χ^2/NDF : 893072.7/23

Right Out: 1180.554 $\pm$ 0.328 χ^2/NDF : 1035382.2/18

Left In: 643.582 $\pm$ 0.110 χ^2/NDF : 309217.9/21

Left: 647.459 $\pm$ 0.078 χ^2/NDF : 1204767.5/45

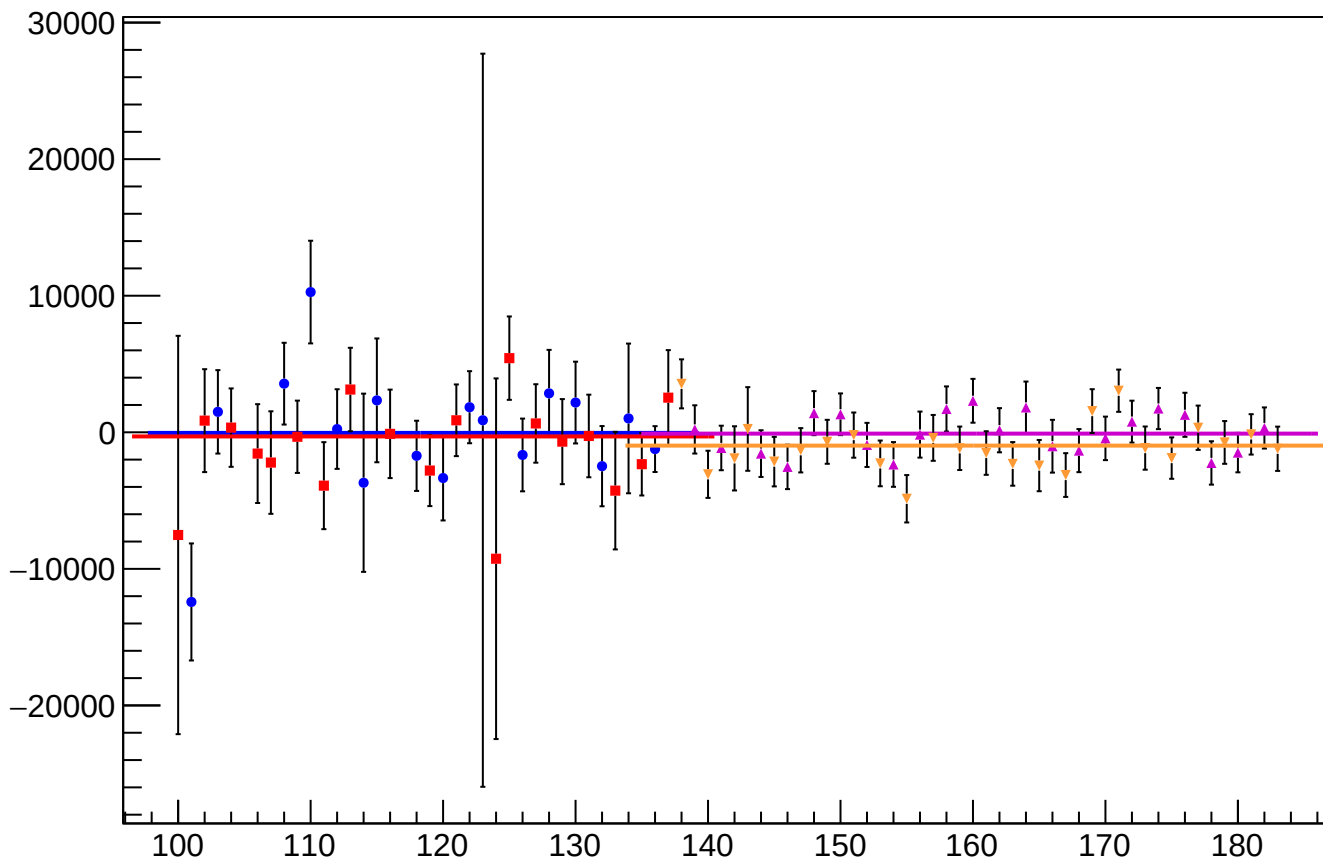
Right: 1151.192 $\pm$ 0.230 χ^2/NDF : 2239183.7/35

In: 693.494 $\pm$ 0.104 χ^2/NDF : 3477161.5/38

Out: 704.389 $\pm$ 0.104 χ^2/NDF : 4276214.3/42

All: 698.955 $\pm$ 0.073 χ^2/NDF : 7758873.9/81

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 ± 747.588 χ^2/NDF : 23.2/16

Left Out: -975.027 ± 342.322 χ^2/NDF : 28.5/23

Right Out: -303.720 ± 734.458 χ^2/NDF : 10.9/18

Left In: -97.695 ± 345.407 χ^2/NDF : 18.1/21

Left: -540.296 ± 243.142 χ^2/NDF : 49.8/45

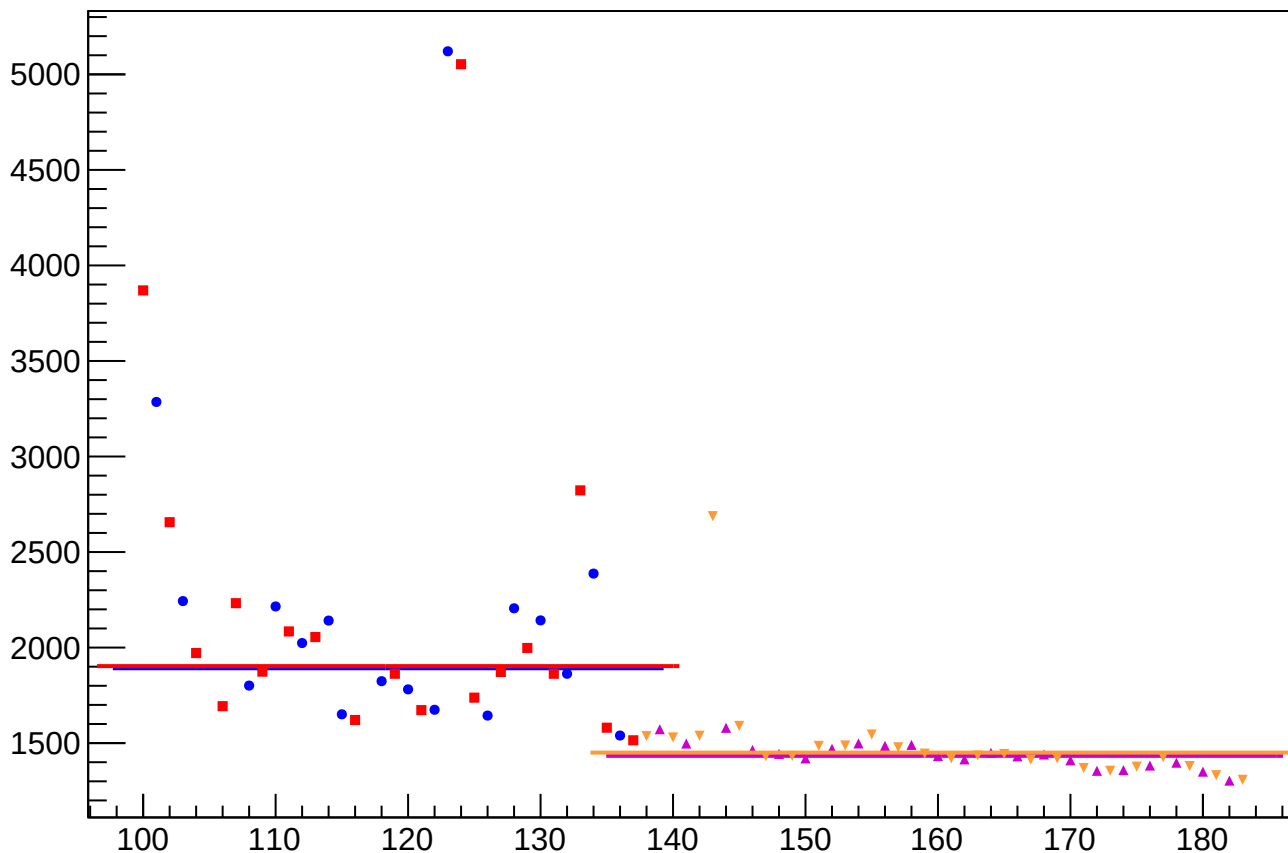
Right: -176.341 ± 523.921 χ^2/NDF : 34.1/35

In: -88.314 ± 313.557 χ^2/NDF : 41.3/38

Out: -855.220 ± 310.275 χ^2/NDF : 40.0/42

All: -475.801 ± 220.549 χ^2/NDF : 84.3/81

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668 ± 0.529 $\chi^2/\text{NDF}: 469088.3/16$

Left Out: 1450.243 ± 0.242 $\chi^2/\text{NDF}: 411895.3/23$

Right Out: 1903.010 ± 0.519 $\chi^2/\text{NDF}: 460147.6/18$

Left In: 1433.374 ± 0.244 $\chi^2/\text{NDF}: 75084.6/21$

Left: 1441.884 ± 0.172 $\chi^2/\text{NDF}: 489386.4/45$

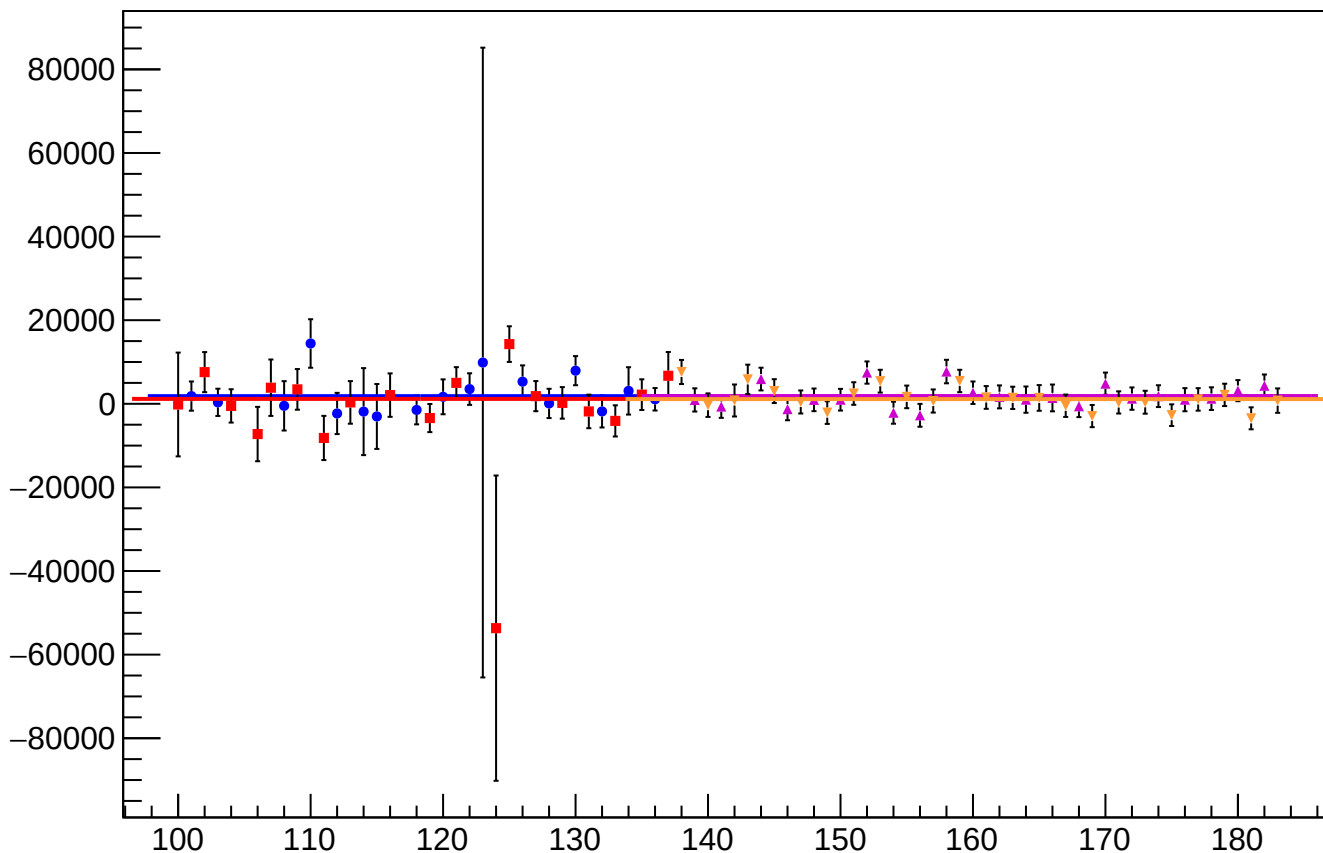
Right: 1897.439 ± 0.370 $\chi^2/\text{NDF}: 929470.1/35$

In: 1513.997 ± 0.222 $\chi^2/\text{NDF}: 1163569.2/38$

Out: 1531.049 ± 0.219 $\chi^2/\text{NDF}: 1496467.7/42$

All: 1522.613 ± 0.156 $\chi^2/\text{NDF}: 2663025.7/81$

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042+/-1010.167 χ^2 /NDF: 12.6/16

Left Out: 1123.883+/-568.554 χ^2 /NDF:22.8/23

Right Out: 1173.235+/-1046.189 χ^2 /NDF: 25.5/18

Left In: 1854.644+/-578.993 χ^2 /NDF:22.4/21

Left: 1482.616+/-405.669 χ^2 /NDF: 46.0/45

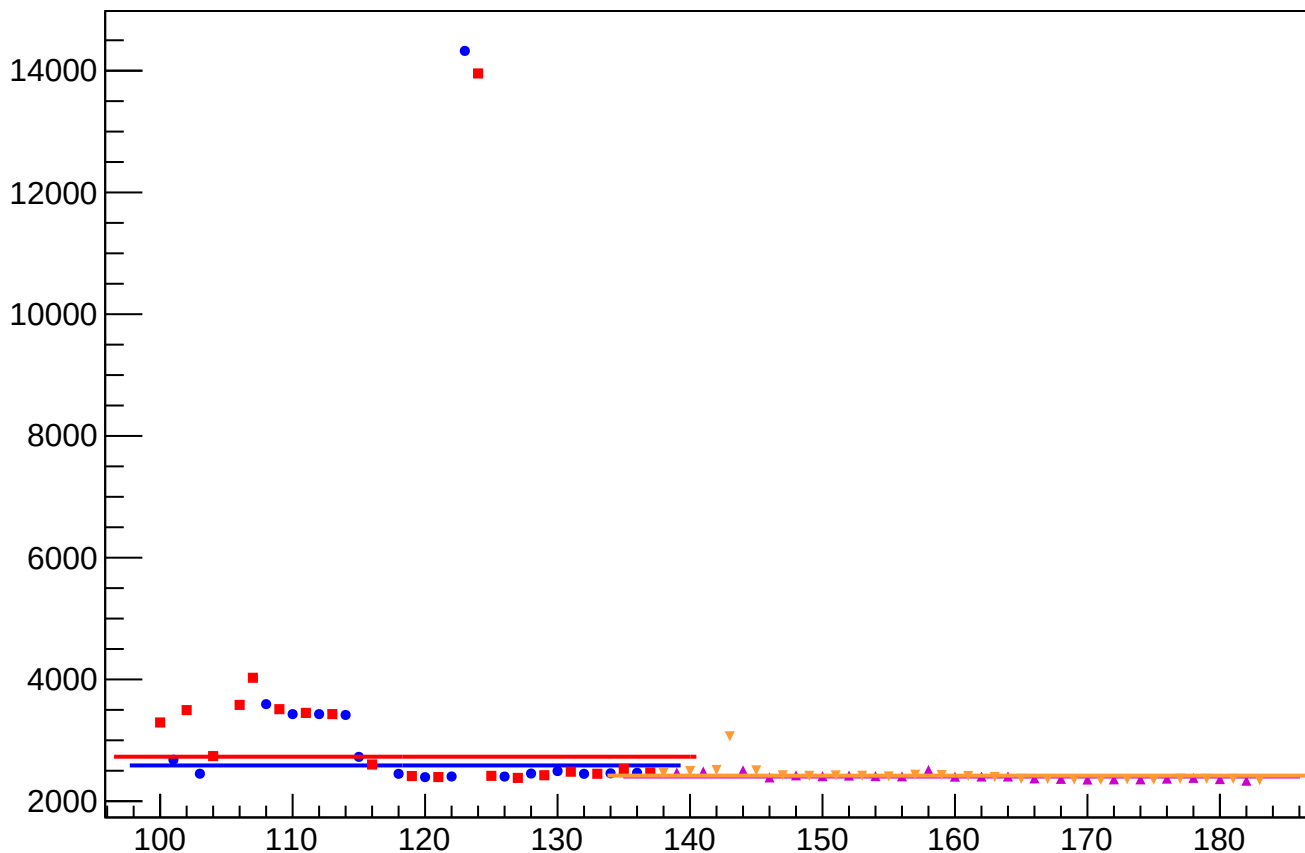
Right: 1510.553+/-726.697 χ^2 /NDF: 38.2/35

In: 1847.324+/-502.331 χ^2 /NDF:34.9/38

Out: 1135.135+/-499.551 χ^2 /NDF:48.2/42

All: 1489.253+/-354.214 χ^2 /NDF: 84.2/81

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978 ± 0.714 $\chi^2/\text{NDF}: 254112.7/16$

Left Out: 2419.781 ± 0.402 $\chi^2/\text{NDF}: 82397.9/23$

Right Out: 2730.484 ± 0.740 $\chi^2/\text{NDF}: 584993.0/18$

Left In: 2405.171 ± 0.409 $\chi^2/\text{NDF}: 13888.8/21$

Left: 2412.609 ± 0.287 $\chi^2/\text{NDF}: 96935.0/45$

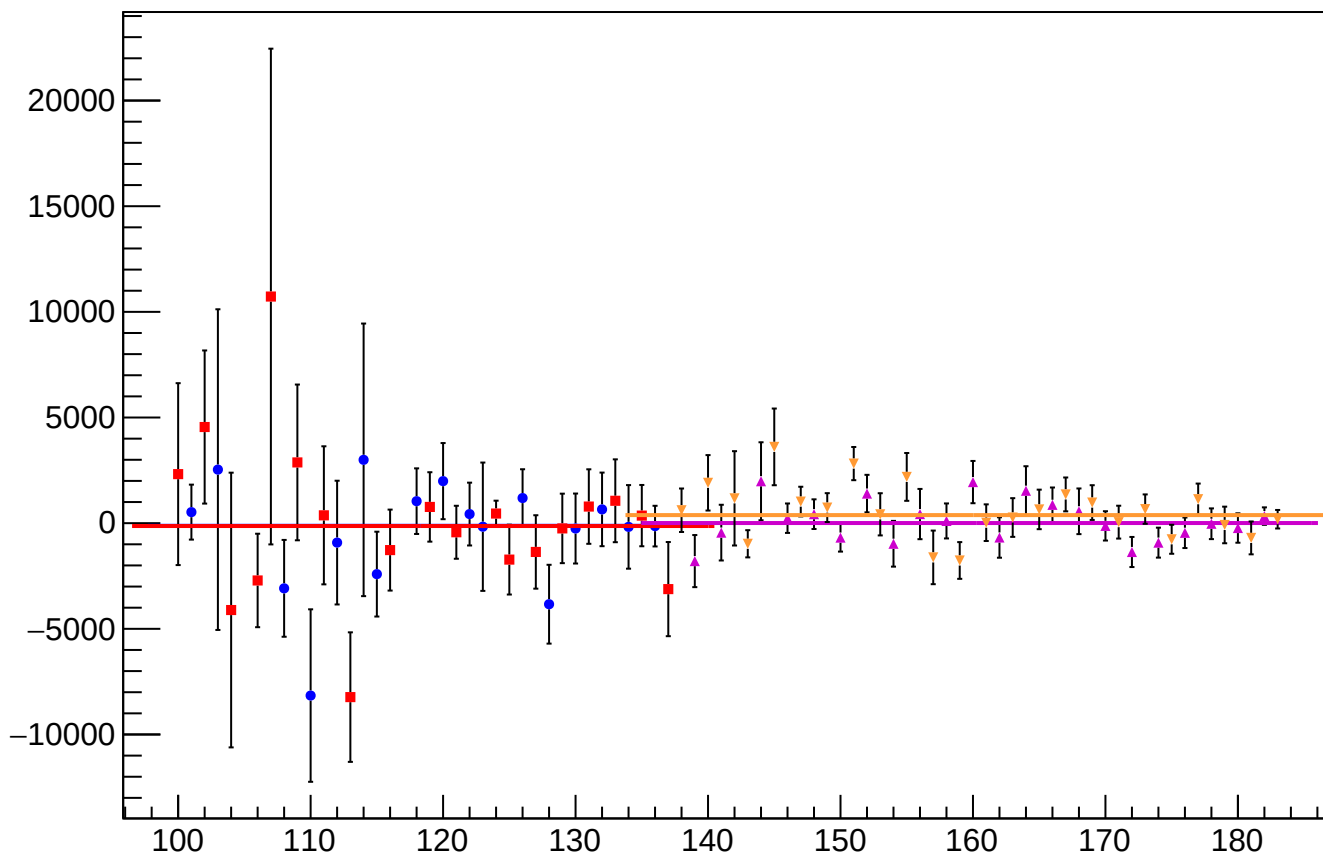
Right: 2656.218 ± 0.514 $\chi^2/\text{NDF}: 858580.5/35$

In: 2450.129 ± 0.355 $\chi^2/\text{NDF}: 316765.3/38$

Out: 2490.622 ± 0.353 $\chi^2/\text{NDF}: 803572.4/42$

All: 2470.488 ± 0.250 $\chi^2/\text{NDF}: 1126871.9/81$

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472 ± 430.760 χ^2/NDF : 14.7/16

Left Out: 381.895 ± 165.436 χ^2/NDF : 39.9/23

Right Out: -135.340 ± 379.439 χ^2/NDF : 17.9/18

Left In: 6.567 ± 168.693 χ^2/NDF : 22.4/21

Left: 197.890 ± 118.115 χ^2/NDF : 64.8/45

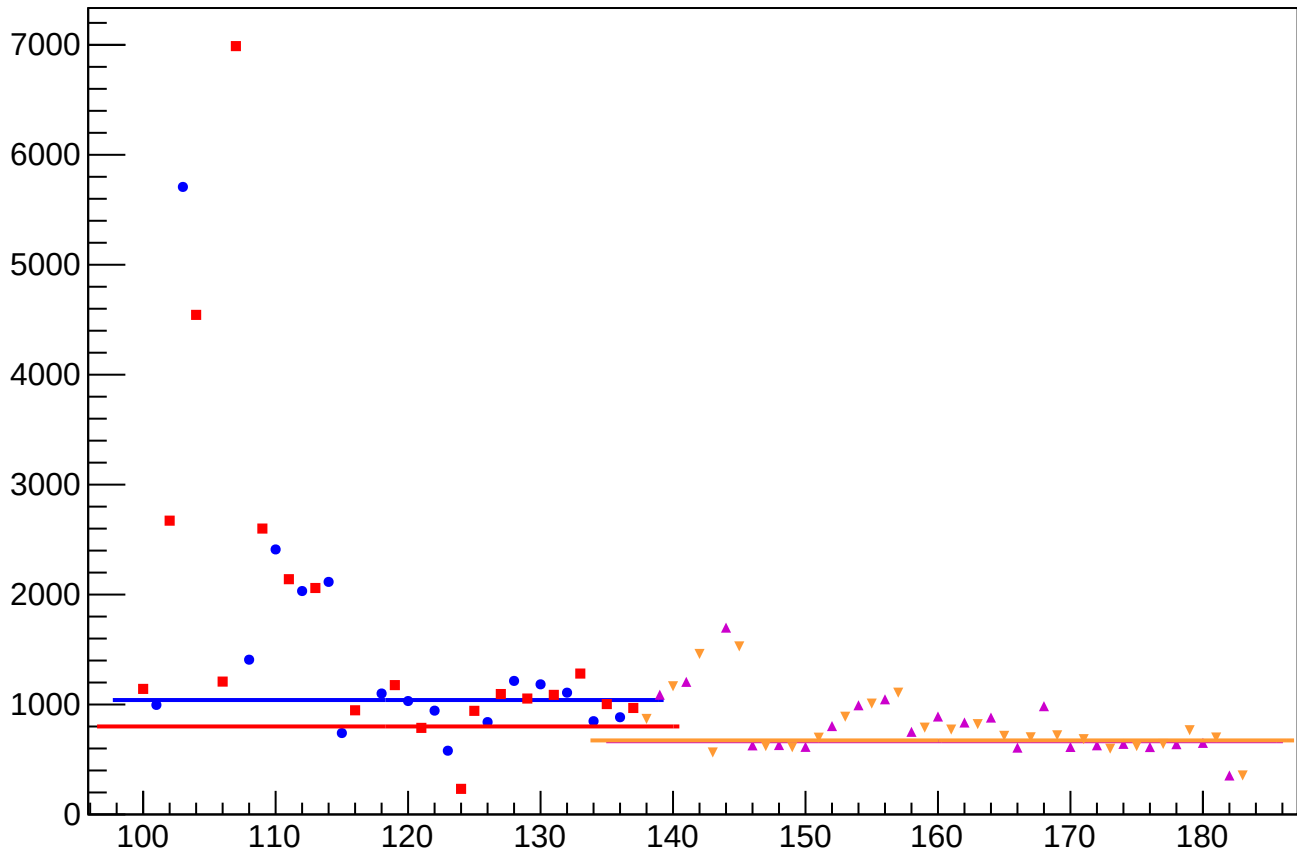
Right: -130.591 ± 284.729 χ^2/NDF : 32.6/35

In: -10.857 ± 157.077 χ^2/NDF : 37.1/38

Out: 299.276 ± 151.648 χ^2/NDF : 59.3/42

All: 149.662 ± 109.100 χ^2/NDF : 98.5/81

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 673.337+/-0.117 χ^2/NDF : 2884476.1/23

Right Out: 800.407+/-0.268 χ^2/NDF : 5187026.8/18

Left In: 666.072+/-0.119 χ^2/NDF : 3267527.6/21

Left: 669.776+/-0.084 χ^2/NDF : 6153894.4/45

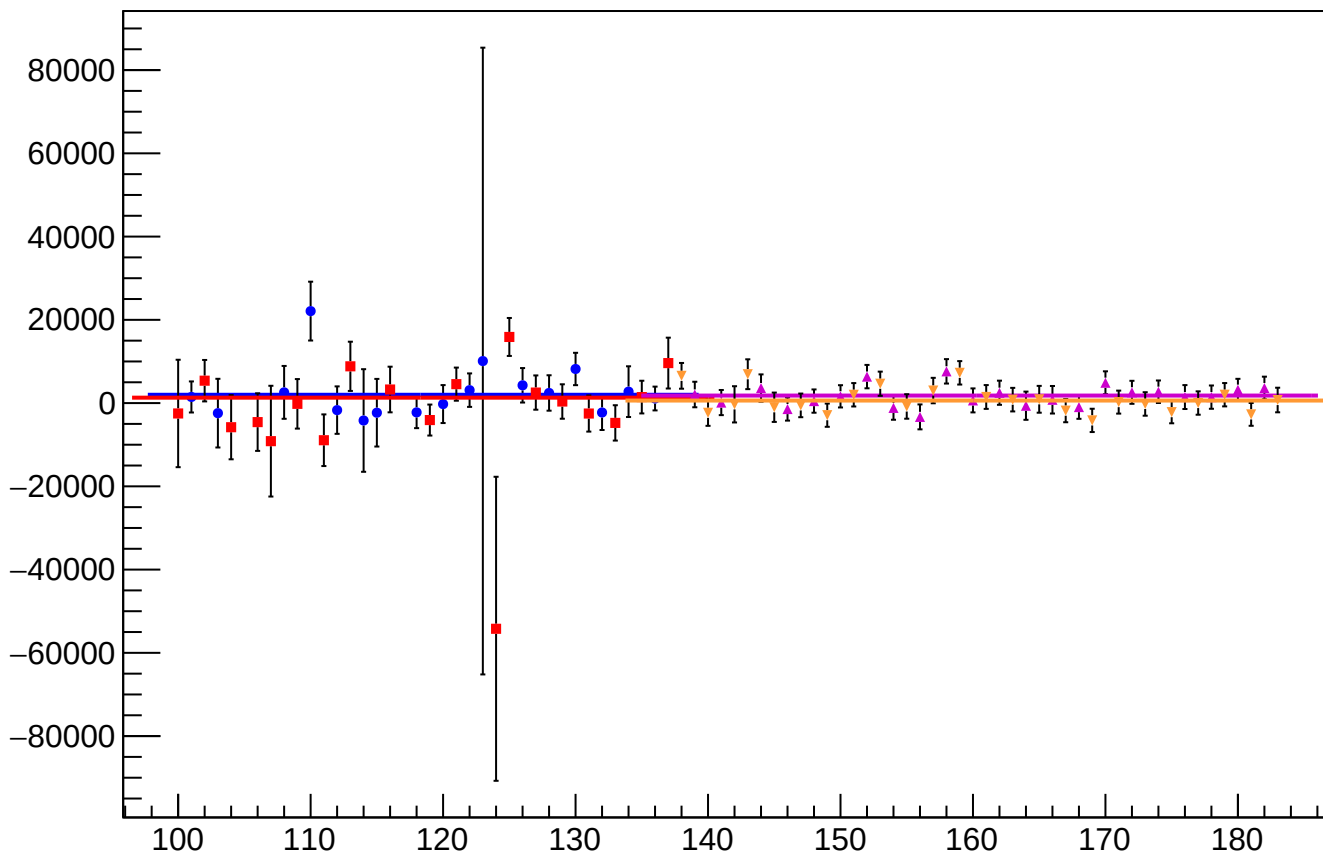
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

In: 715.895+/-0.111 χ^2/NDF : 6152553.8/38

Out: 693.634+/-0.107 χ^2/NDF : 8259976.2/42

All: 704.373+/-0.077 χ^2/NDF : 14433320.3/83

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263 $\pm$ 1155.054 χ^2/NDF : 14.9/16

Left Out: 611.128 $\pm$ 601.707 χ^2/NDF : 25.0/23

Right Out: 1304.124 $\pm$ 1188.654 χ^2/NDF : 27.6/18

Left In: 1807.477 $\pm$ 613.485 χ^2/NDF : 16.8/21

Left: 1197.708 $\pm$ 429.575 χ^2/NDF : 43.8/45

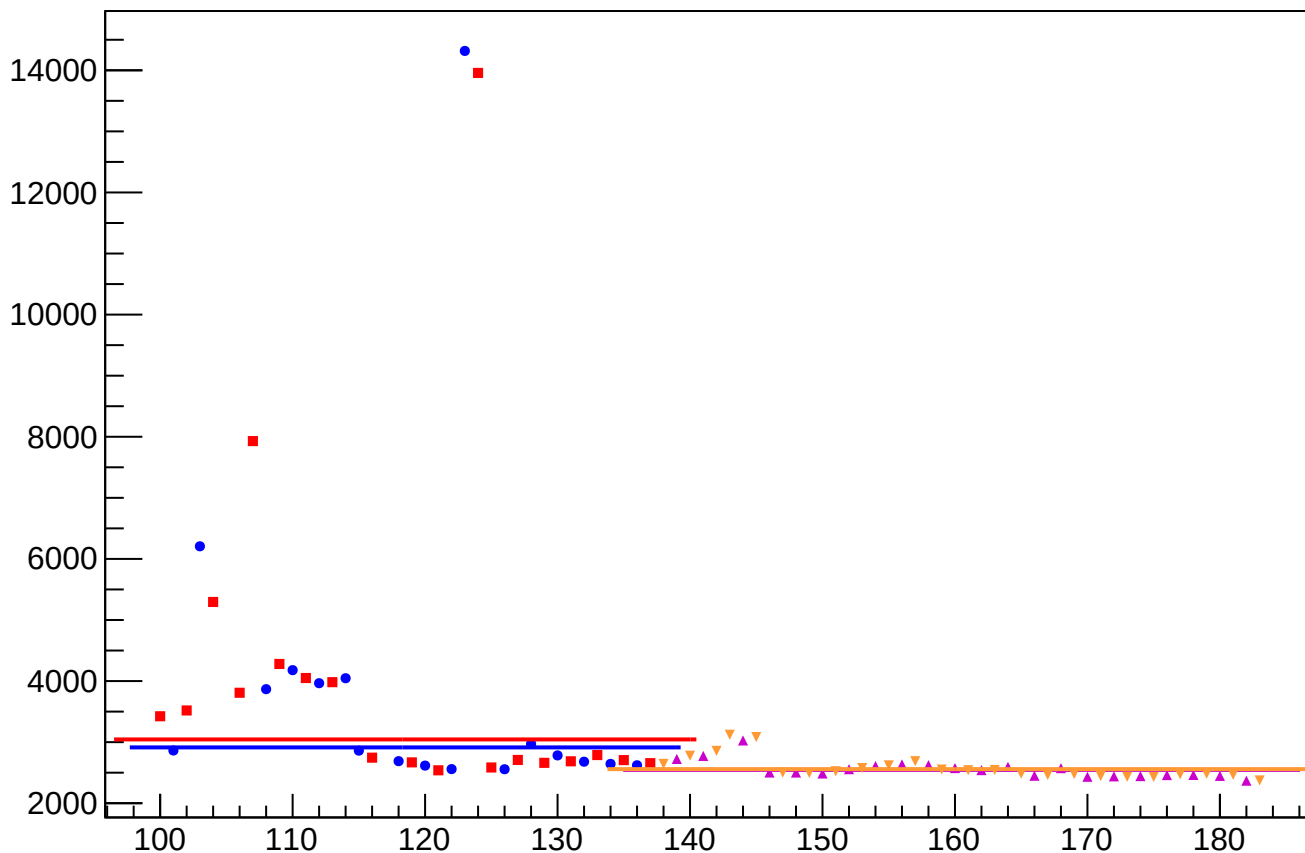
Right: 1660.114 $\pm$ 828.371 χ^2/NDF : 42.7/35

In: 1849.016 $\pm$ 541.805 χ^2/NDF : 31.7/38

Out: 752.484 $\pm$ 536.843 χ^2/NDF : 52.9/42

All: 1295.706 $\pm$ 381.348 χ^2/NDF : 86.7/81

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2558.130+/-0.425 χ^2/NDF : 151781.1/23

Right Out: 3044.474+/-0.841 χ^2/NDF : 1005326.4/18

Left In: 2545.288+/-0.434 χ^2/NDF : 94042.0/21

Left: 2551.833+/-0.304 χ^2/NDF : 246269.7/45

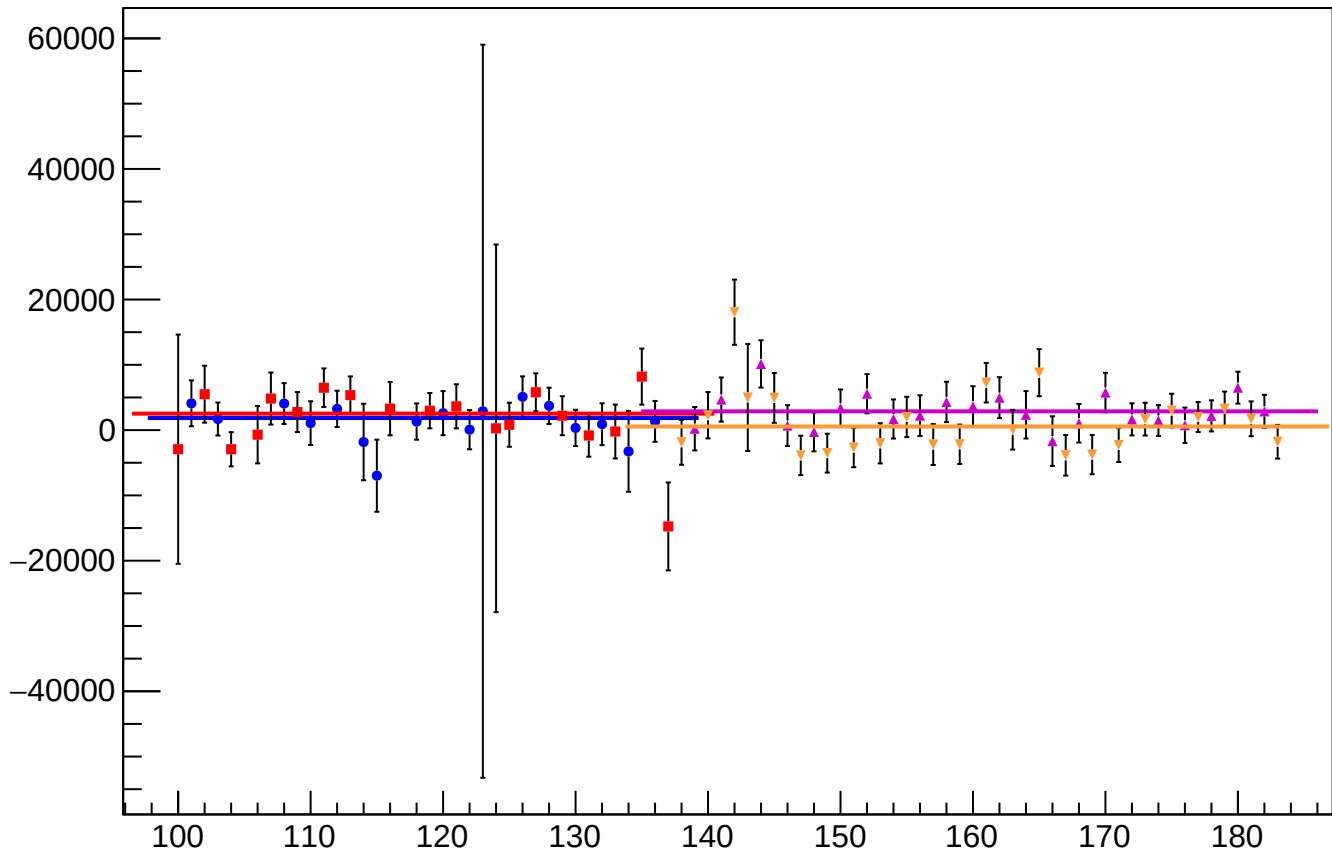
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2626.388+/-0.383 χ^2/NDF : 891875.3/38

Out: 2657.333+/-0.380 χ^2/NDF : 1423627.9/42

All: 2642.003+/-0.270 χ^2/NDF : 2318795.3/81

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 $\pm$ 806.760 χ^2 /NDF: 7.3/16

Left Out: 550.108 $\pm$ 616.540 χ^2 /NDF:41.3/23

Right Out: 2523.303 $\pm$ 818.432 χ^2 /NDF: 20.1/18

Left In: 2871.138 $\pm$ 622.368 χ^2 /NDF:14.6/21

Left: 1699.705 $\pm$ 438.006 χ^2 /NDF: 62.9/45

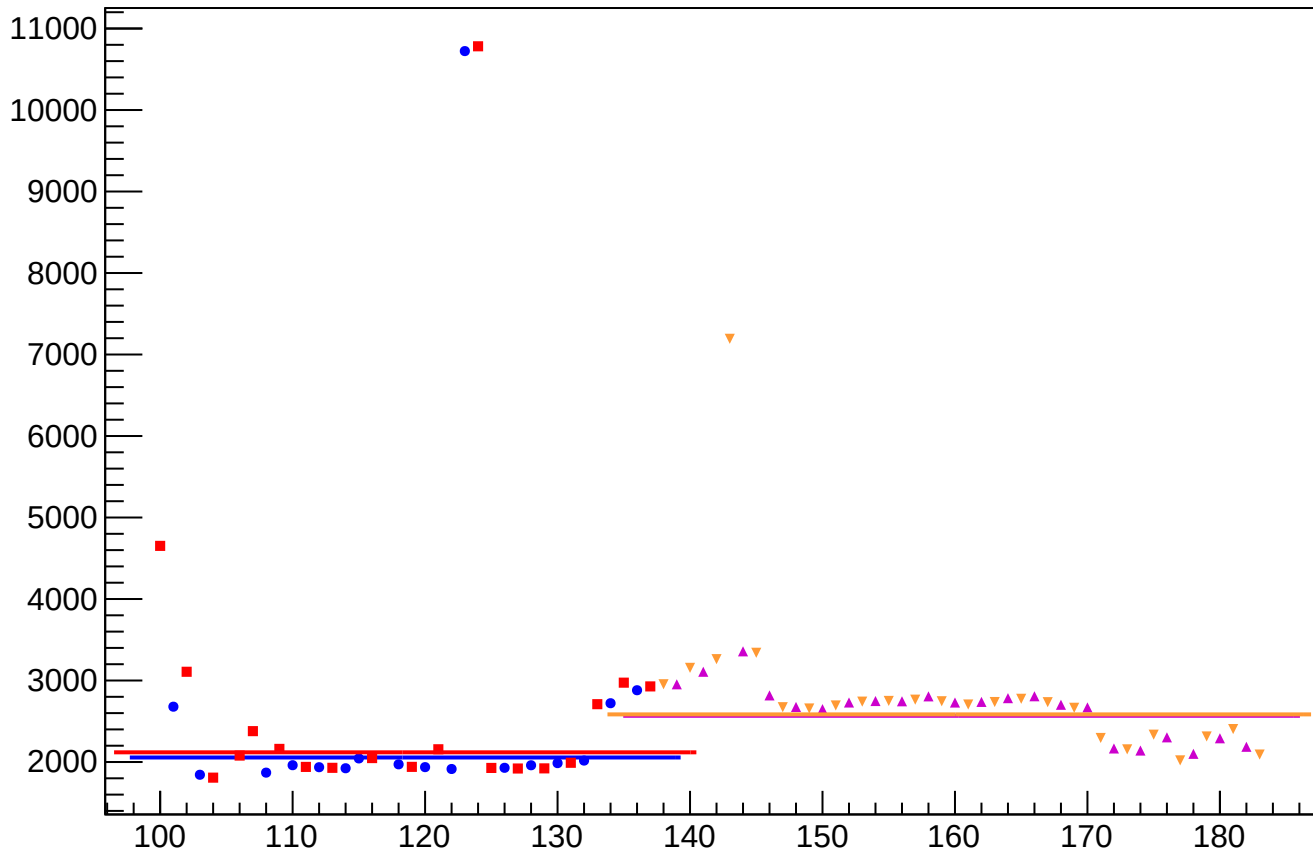
Right: 2181.863 $\pm$ 574.547 χ^2 /NDF: 27.7/35

In: 2490.197 $\pm$ 492.777 χ^2 /NDF:22.8/38

Out: 1264.478 $\pm$ 492.446 χ^2 /NDF:65.1/42

All: 1876.927 $\pm$ 348.329 χ^2 /NDF: 91.0/81

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447 $\pm$ 0.570 χ^2/NDF : 316383.7/16

Left Out: 2584.366 $\pm$ 0.436 χ^2/NDF : 1198069.5/23

Right Out: 2118.803 $\pm$ 0.578 χ^2/NDF : 573725.8/18

Left In: 2567.024 $\pm$ 0.440 χ^2/NDF : 540224.3/21

Left: 2575.776 $\pm$ 0.310 χ^2/NDF : 1739077.5/45

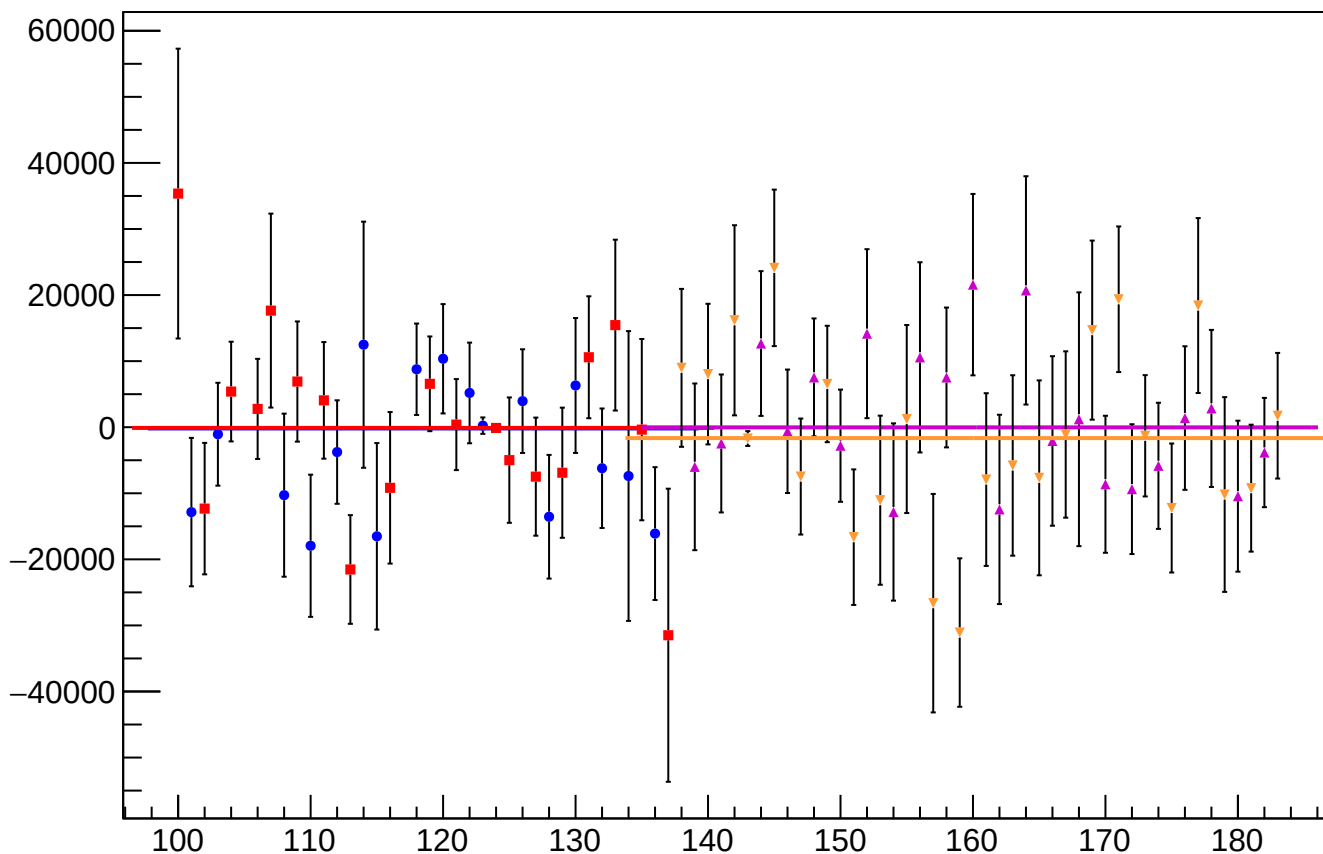
Right: 2086.718 $\pm$ 0.406 χ^2/NDF : 896197.4/35

In: 2376.160 $\pm$ 0.348 χ^2/NDF : 1360770.8/38

Out: 2415.492 $\pm$ 0.348 χ^2/NDF : 2185458.1/42

All: 2395.850 $\pm$ 0.246 χ^2/NDF : 3552607.3/81

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: -1647.649+/-1015.277 χ^2/NDF : 31.2/23

Right Out: -106.733+/-690.637 χ^2/NDF : 21.6/18

Left In: -24.385+/-2370.916 χ^2/NDF : 13.4/21

Left: -1396.111+/-933.305 χ^2/NDF : 45.0/45

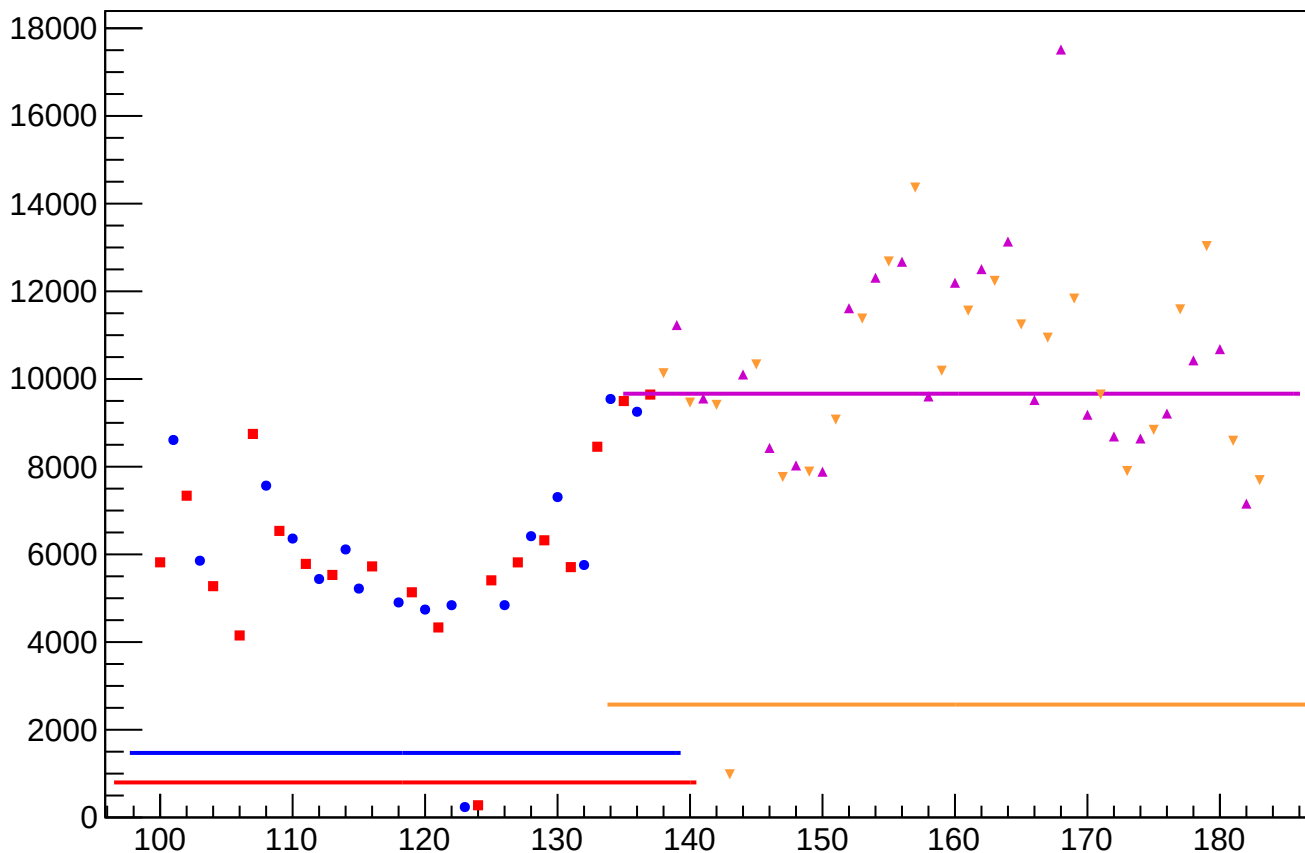
Right: -128.909+/-585.025 χ^2/NDF : 38.0/35

In: -156.720+/-998.417 χ^2/NDF : 29.8/38

Out: -594.199+/-571.041 χ^2/NDF : 54.3/42

All: -486.365+/-495.692 χ^2/NDF : 84.3/81

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609 $\pm$ 0.778 χ^2 /NDF: 9788255.4/16

Left Out: 2574.655 $\pm$ 0.718 χ^2 /NDF: 23161760.3/23

Right Out: 798.642 $\pm$ 0.488 χ^2 /NDF: 11527481.4/18

Left In: 9664.763 $\pm$ 1.676 χ^2 /NDF: 1255969.3/21

Left: 3673.326 $\pm$ 0.660 χ^2 /NDF: 39531807.1/45

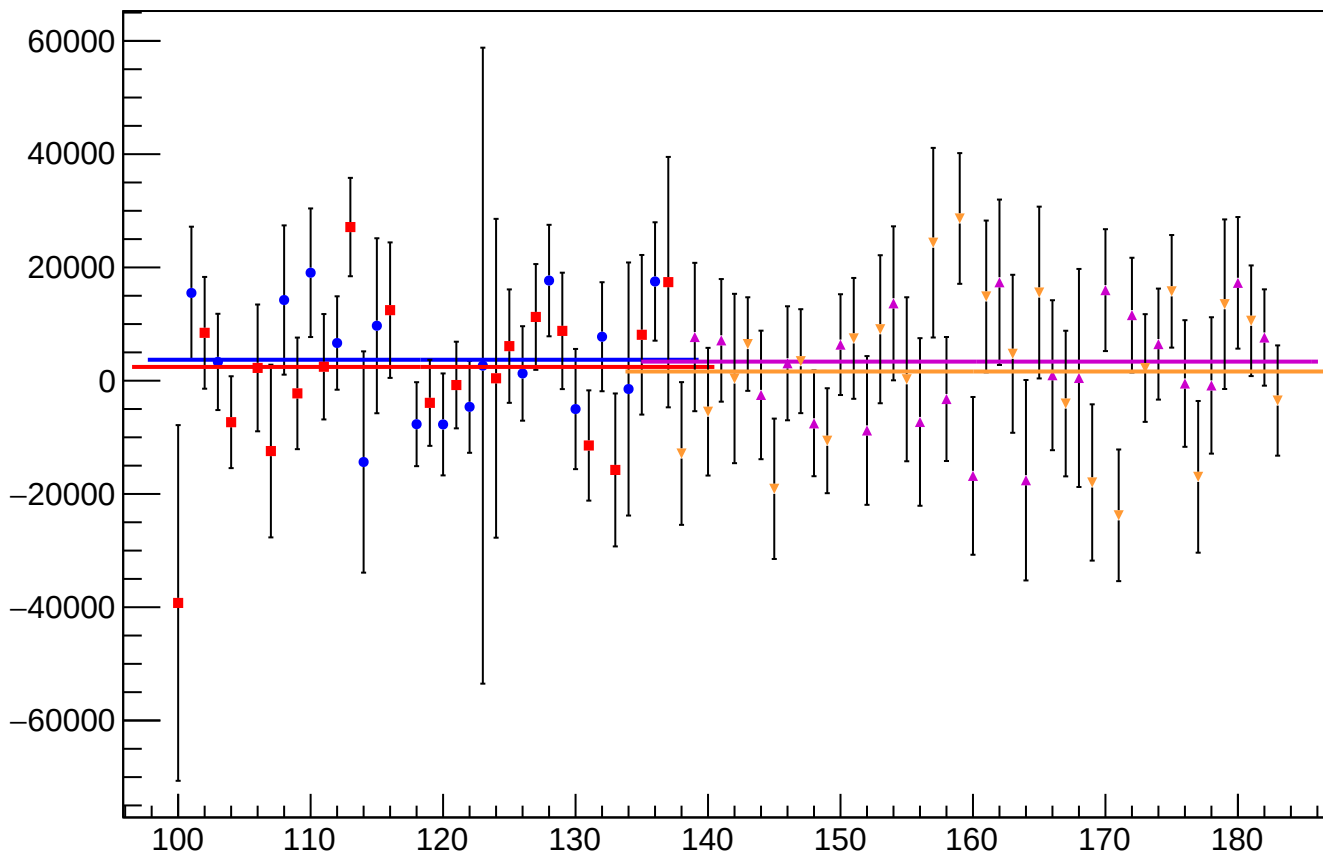
Right: 988.724 $\pm$ 0.414 χ^2 /NDF: 21852108.4/35

In: 2924.534 $\pm$ 0.706 χ^2 /NDF: 30692463.1/38

Out: 1360.481 $\pm$ 0.404 χ^2 /NDF: 38873208.3/42

All: 1746.004 $\pm$ 0.351 χ^2 /NDF: 73263935.0/8

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: 1624.440+/-2358.421 χ^2/NDF : 29.2/23

Right Out: 2430.229+/-2421.418 χ^2/NDF : 20.3/18

Left In: 3367.961+/-2450.252 χ^2/NDF : 12.8/21

Left: 2462.916+/-1699.193 χ^2/NDF : 42.3/45

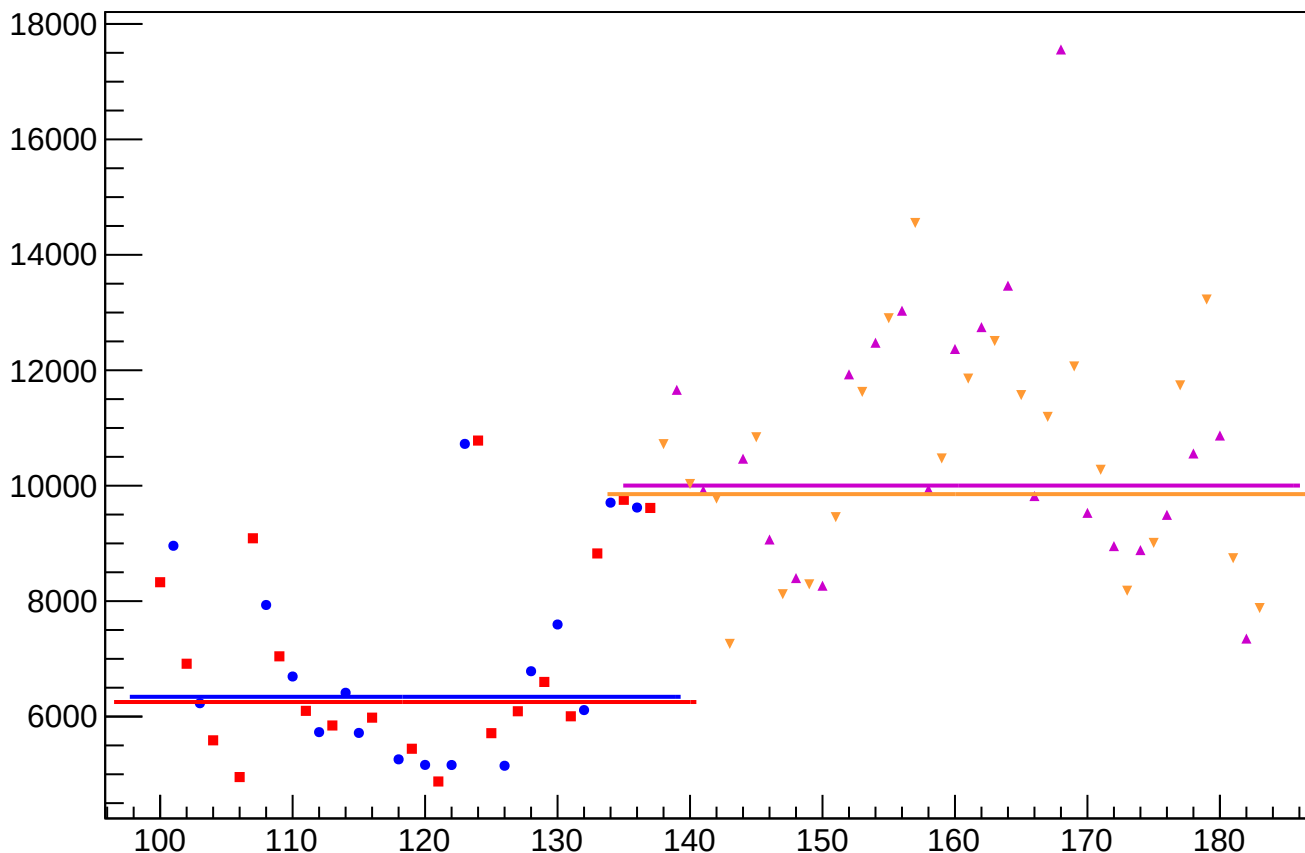
Right: 3039.559+/-1745.330 χ^2/NDF : 34.8/35

In: 3528.698+/-1756.035 χ^2/NDF : 27.2/38

Out: 2016.716+/-1689.488 χ^2/NDF : 49.5/42

All: 2743.515+/-1217.495 χ^2/NDF : 77.1/81

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 9853.864+/-1.668 χ^2/NDF : 1183169.6/23

Right Out: 6252.137+/-1.712 χ^2/NDF : 538031.2/18

Left In: 10002.301+/-1.733 χ^2/NDF : 1159567.4/21

Left: 9925.249+/-1.202 χ^2/NDF : 2346547.1/45

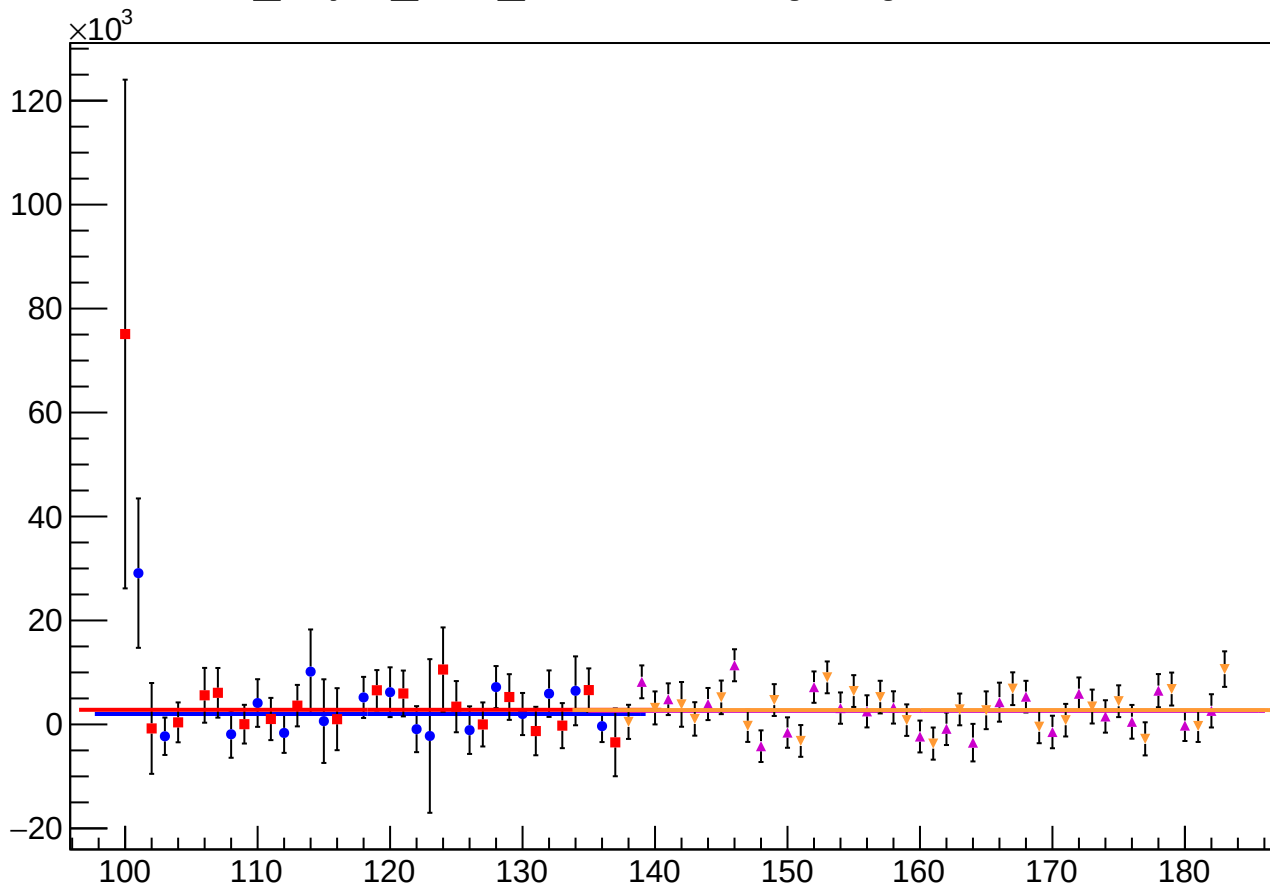
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 8222.167+/-1.242 χ^2/NDF : 3923633.0/38

Out: 8100.379+/-1.195 χ^2/NDF : 3992111.6/42

All: 8158.920+/-0.861 χ^2/NDF : 7920740.4/81

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2/NDF : 13.7/16

Left Out: 2759.609 $\pm$ 650.815 χ^2/NDF : 32.0/23

Right Out: 2811.702 $\pm$ 1086.544 χ^2/NDF : 10.5/18

Left In: 2607.805 $\pm$ 667.256 χ^2/NDF : 34.7/21

Left: 2685.600 $\pm$ 465.900 χ^2/NDF : 66.8/45

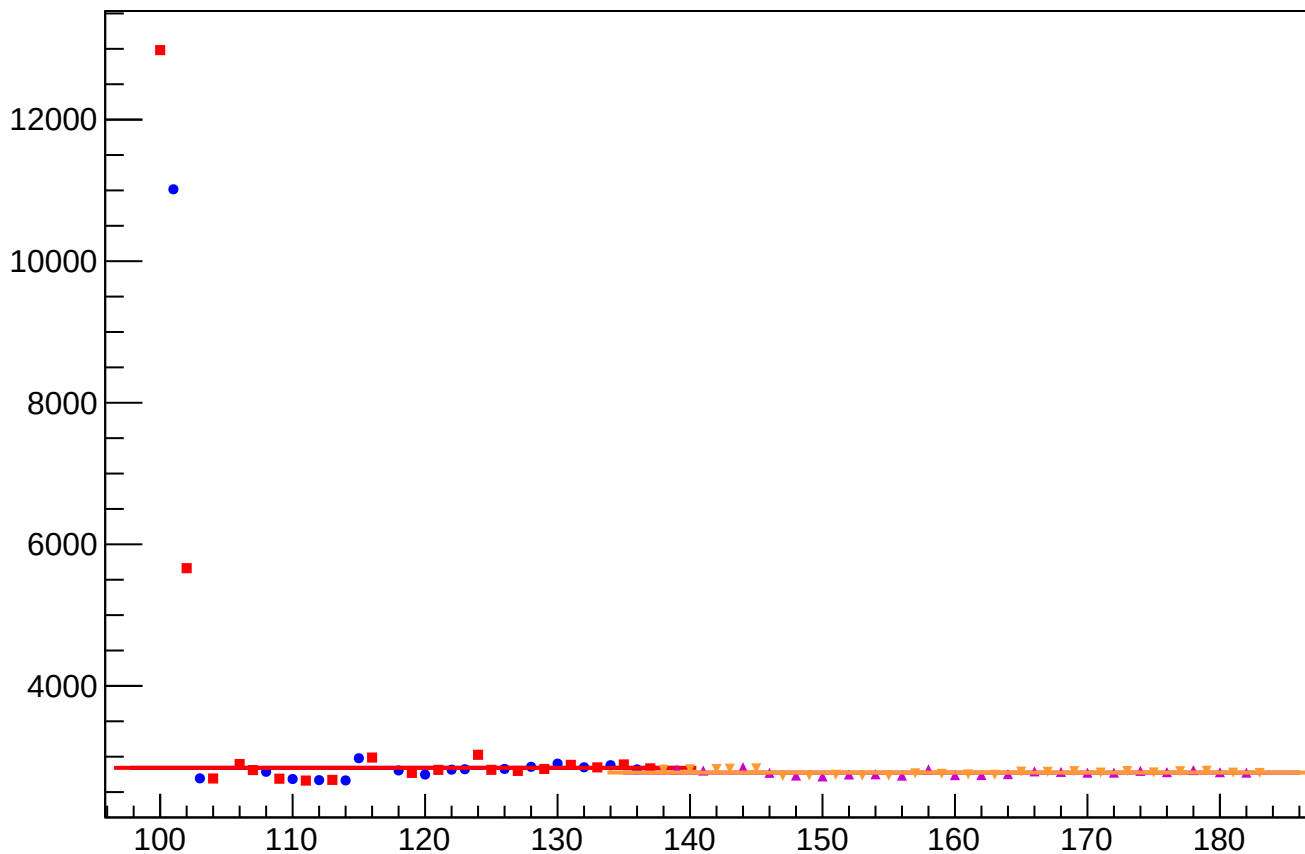
Right: 2422.331 $\pm$ 781.689 χ^2/NDF : 24.5/35

In: 2450.914 $\pm$ 573.960 χ^2/NDF : 48.7/38

Out: 2773.364 $\pm$ 558.321 χ^2/NDF : 42.5/42

All: 2616.592 $\pm$ 400.207 χ^2/NDF : 91.4/81

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628 $\pm$ 0.796 χ^2 /NDF: 660305.1/16

Left Out: 2775.890 $\pm$ 0.460 χ^2 /NDF: 4885.0/23

Right Out: 2842.440 $\pm$ 0.768 χ^2 /NDF: 312335.6/18

Left In: 2775.222 $\pm$ 0.472 χ^2 /NDF: 4967.5/21

Left: 2775.564 $\pm$ 0.329 χ^2 /NDF: 9853.5/45

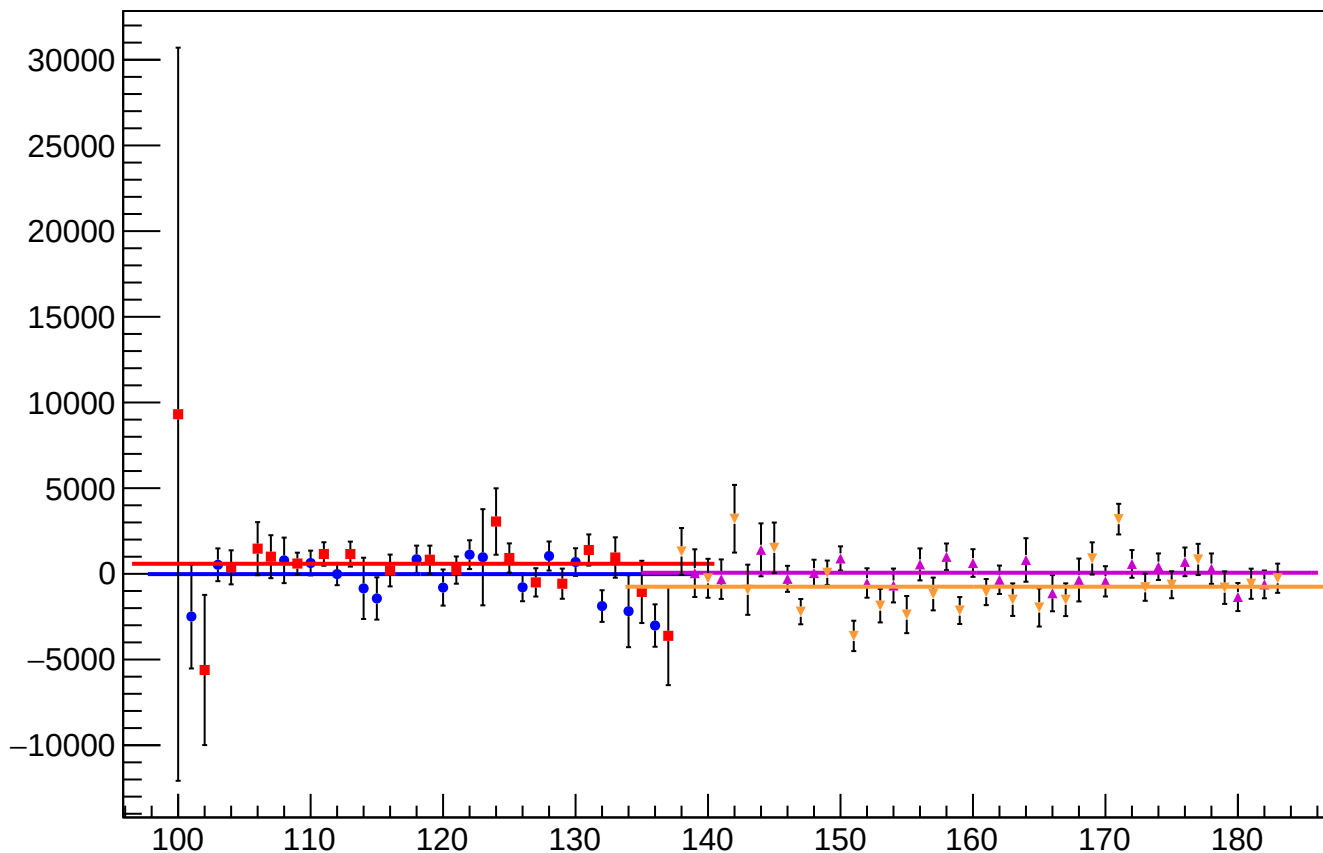
Right: 2842.531 $\pm$ 0.553 χ^2 /NDF: 972640.7/35

In: 2792.754 $\pm$ 0.406 χ^2 /NDF: 670581.1/38

Out: 2793.462 $\pm$ 0.395 χ^2 /NDF: 322742.5/42

All: 2793.118 $\pm$ 0.283 χ^2 /NDF: 993325.2/81

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: -750.226 ± 190.736 χ^2/NDF : 60.0/23

Right Out: 588.581 ± 225.799 χ^2/NDF : 13.5/18

Left In: 65.104 ± 190.323 χ^2/NDF : 13.0/21

Left: -341.679 ± 134.725 χ^2/NDF : 82.2/45

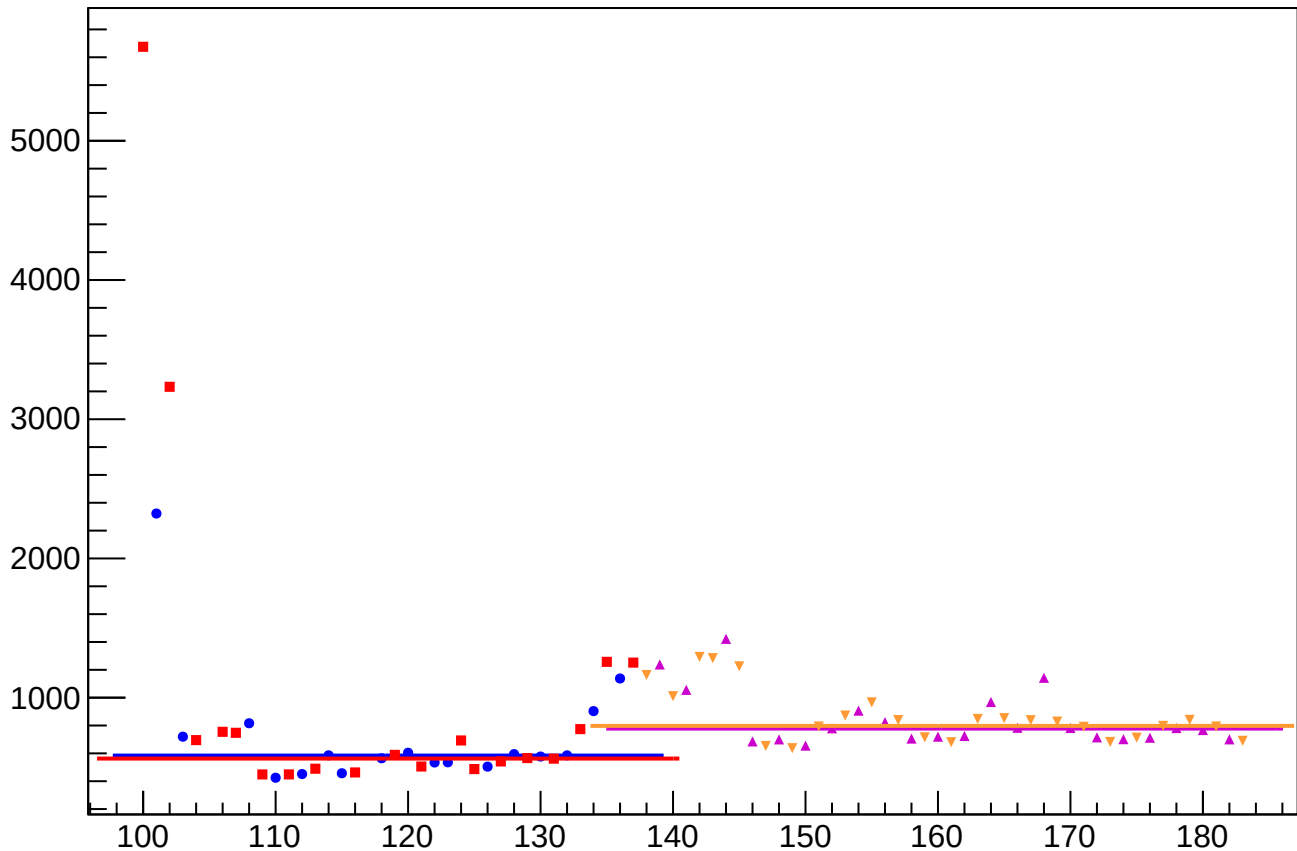
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

In: 33.752 ± 148.850 χ^2/NDF : 34.7/38

Out: -192.727 ± 145.708 χ^2/NDF : 94.0/42

All: -81.903 ± 104.124 χ^2/NDF : 129.9/81

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 797.447+/-0.135 χ^2/NDF : 1157358.7/23

Right Out: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

Left In: 778.086+/-0.135 χ^2/NDF : 1145482.9/21

Left: 787.746+/-0.095 χ^2/NDF : 2313167.9/45

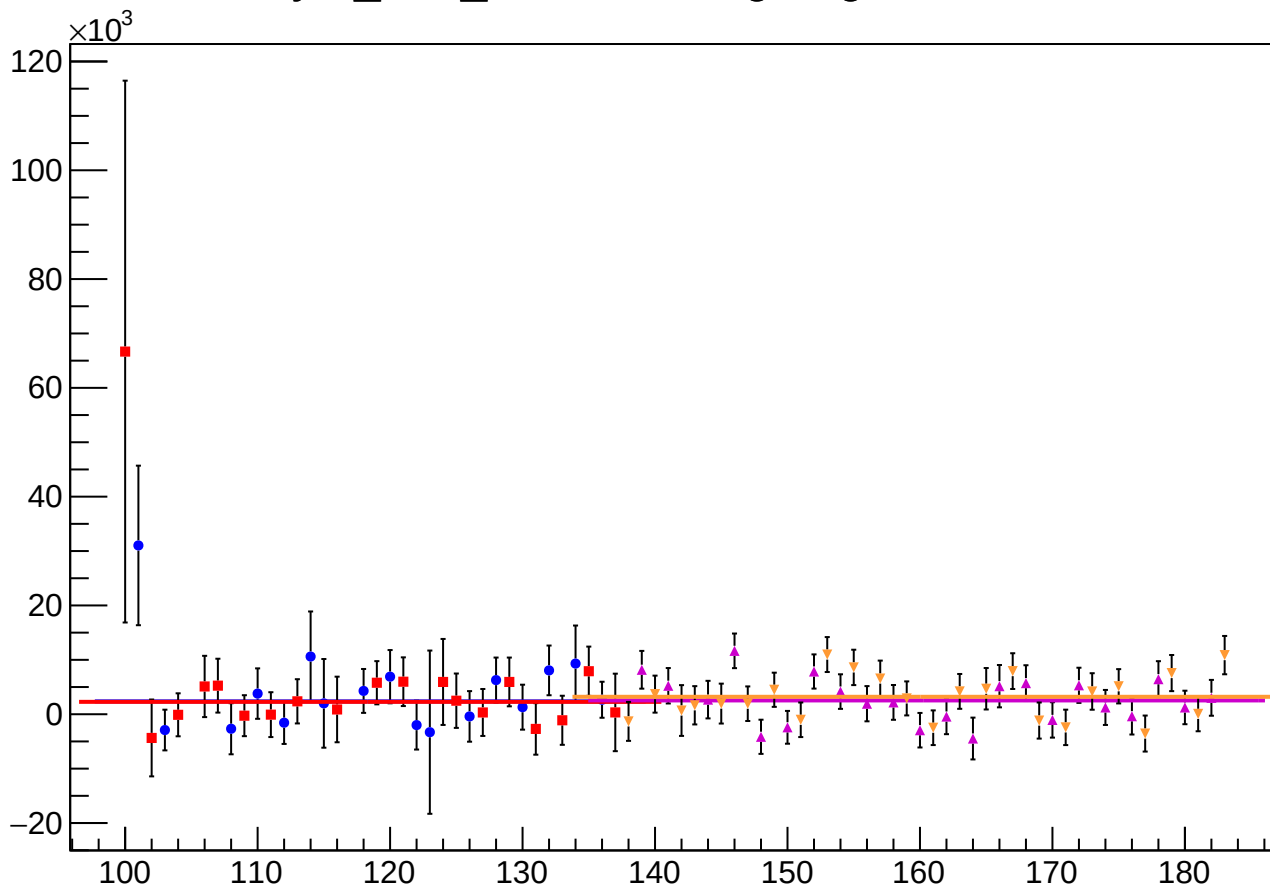
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 702.737+/-0.105 χ^2/NDF : 3389315.6/38

Out: 699.692+/-0.103 χ^2/NDF : 4058528.7/42

All: 701.182+/-0.074 χ^2/NDF : 7448271.9/81

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798+/-1159.943 χ^2/NDF : 15.1/16

Left Out: 3206.013+/-683.095 χ^2/NDF : 36.2/23

Right Out: 2277.507+/-1111.658 χ^2/NDF : 10.2/18

Left In: 2536.738+/-698.509 χ^2/NDF : 34.9/21

Left: 2878.841+/-488.380 χ^2/NDF : 71.6/45

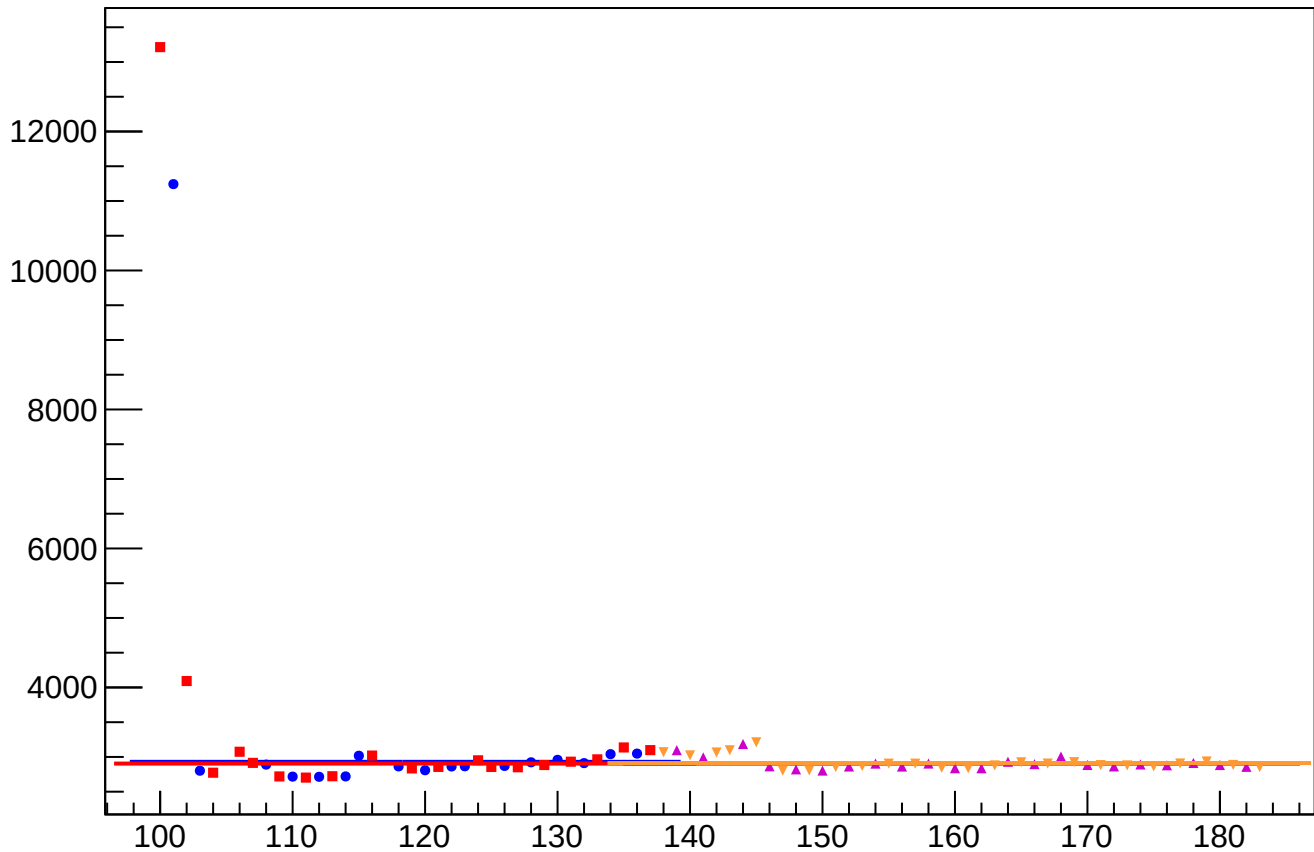
Right: 2318.341+/-802.588 χ^2/NDF : 25.3/35

In: 2490.447+/-598.387 χ^2/NDF : 50.0/38

Out: 2951.514+/-581.998 χ^2/NDF : 47.0/42

All: 2727.381+/-417.208 χ^2/NDF : 97.3/81

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2912.053+/-0.483 χ^2/NDF : 36420.0/23

Right Out: 2904.570+/-0.786 χ^2/NDF : 169288.7/18

Left In: 2904.111+/-0.494 χ^2/NDF : 30383.0/21

Left: 2908.171+/-0.345 χ^2/NDF : 66935.1/45

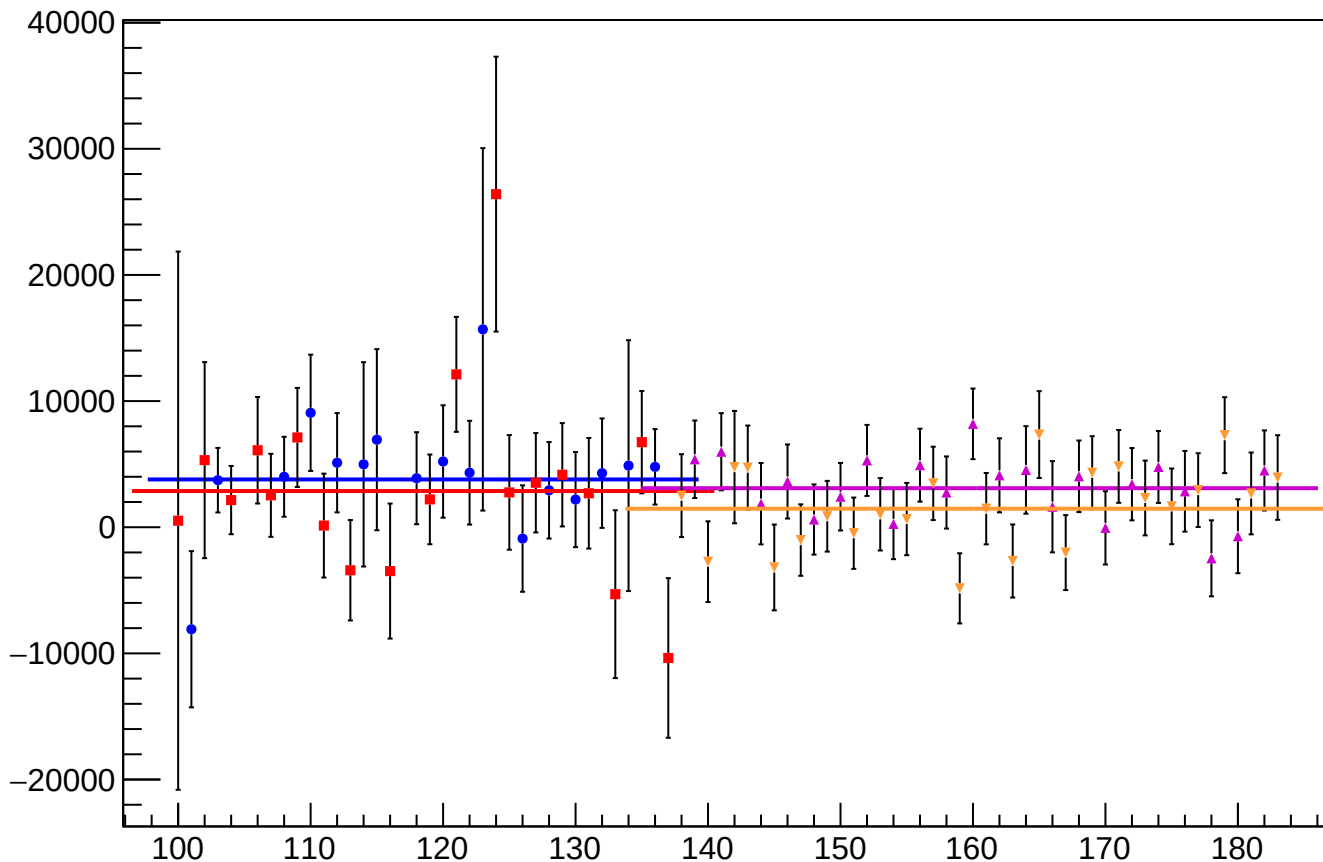
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2910.909+/-0.423 χ^2/NDF : 693723.7/38

Out: 2910.002+/-0.412 χ^2/NDF : 205774.5/42

All: 2910.443+/-0.295 χ^2/NDF : 899500.6/81

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2/NDF : 7.7/16

Left Out: 1468.483 $\pm$ 619.948 χ^2/NDF : 25.7/23

Right Out: 2869.484 $\pm$ 1002.967 χ^2/NDF : 22.0/18

Left In: 3094.559 $\pm$ 632.005 χ^2/NDF : 15.3/21

Left: 2265.863 $\pm$ 442.571 χ^2/NDF : 44.3/45

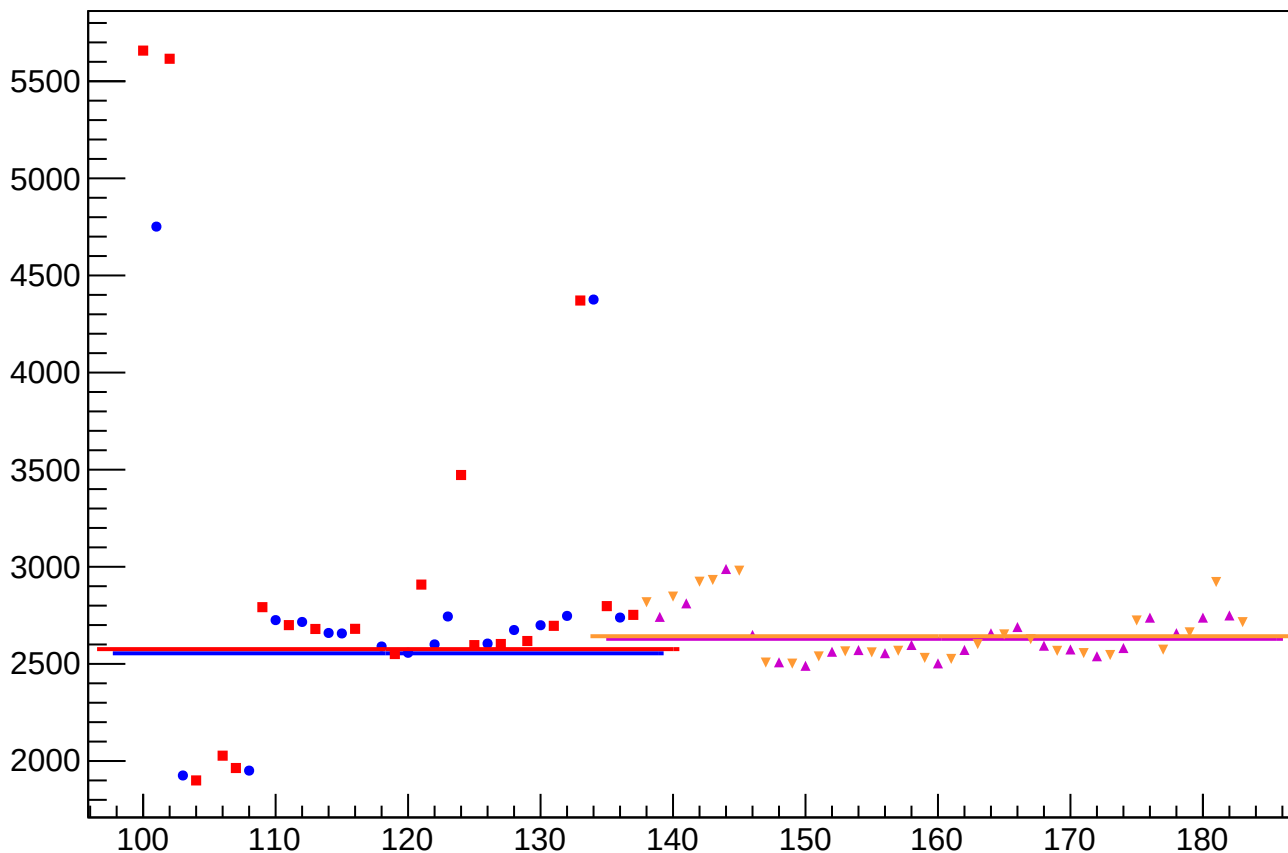
Right: 3326.309 $\pm$ 711.019 χ^2/NDF : 30.2/35

In: 3290.159 $\pm$ 535.478 χ^2/NDF : 23.3/38

Out: 1855.783 $\pm$ 527.341 χ^2/NDF : 49.1/42

All: 2561.990 $\pm$ 375.730 χ^2/NDF : 76.1/81

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2642.476 $\pm$ 0.438 χ^2 /NDF:104172.8/23

Right Out: 2576.077 $\pm$ 0.709 χ^2 /NDF: 765156.6/18

Left In: 2629.179 $\pm$ 0.447 χ^2 /NDF:64675.0/21

Left: 2635.955 $\pm$ 0.313 χ^2 /NDF: 169299.0/45

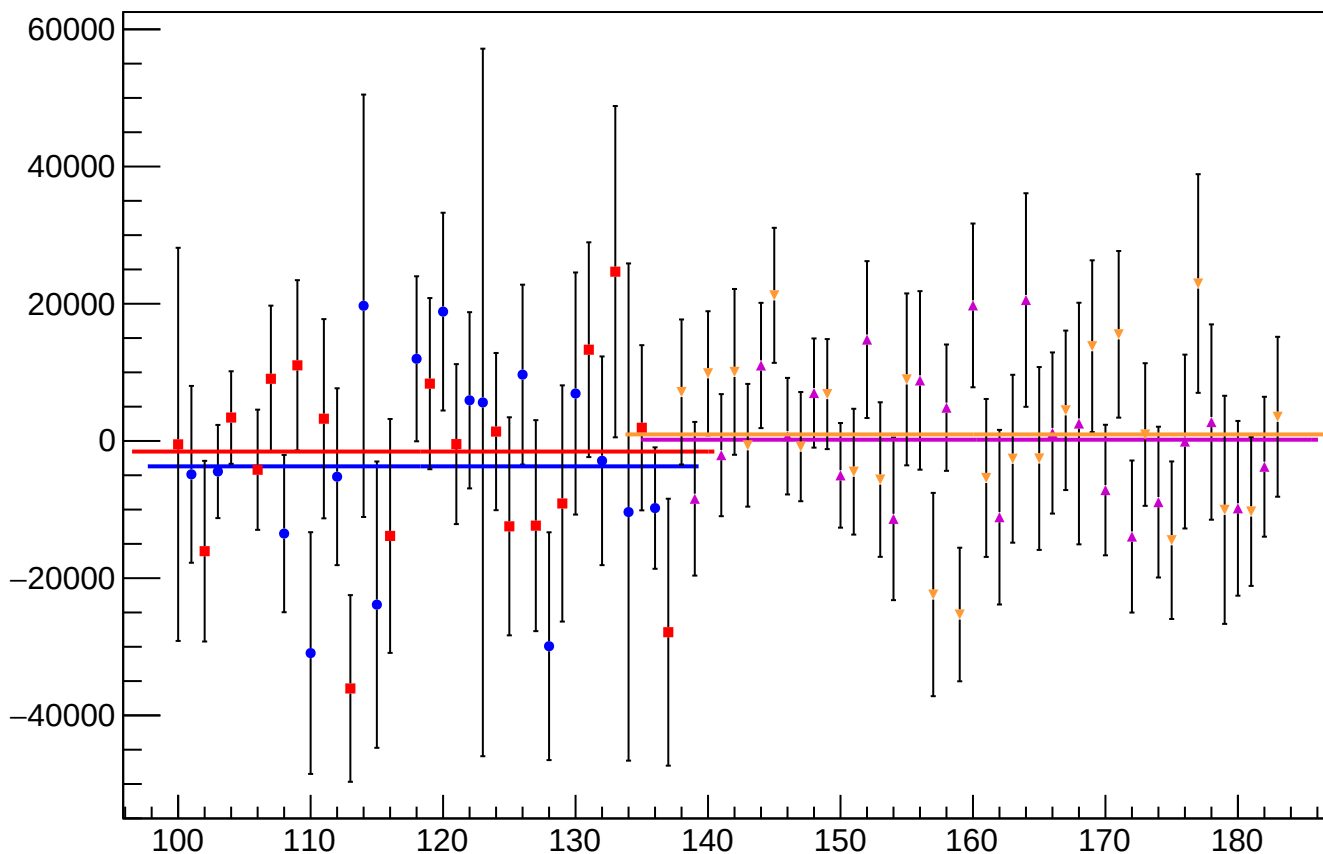
Right: 2565.366 $\pm$ 0.503 χ^2 /NDF: 1302241.7/35

In: 2608.119 $\pm$ 0.379 χ^2 /NDF:609171.6/38

Out: 2624.109 $\pm$ 0.373 χ^2 /NDF:875675.5/42

All: 2616.238 $\pm$ 0.266 χ^2 /NDF: 1485752.6/81

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2 /NDF: 13.8/16

Left Out: 954.333 $\pm$ 2213.483 χ^2 /NDF: 25.9/23

Right Out: -1544.858 $\pm$ 2896.847 χ^2 /NDF: 16.8/18

Left In: 183.358 $\pm$ 2269.524 χ^2 /NDF: 15.4/21

Left: 578.482 $\pm$ 1584.611 χ^2 /NDF: 41.4/45

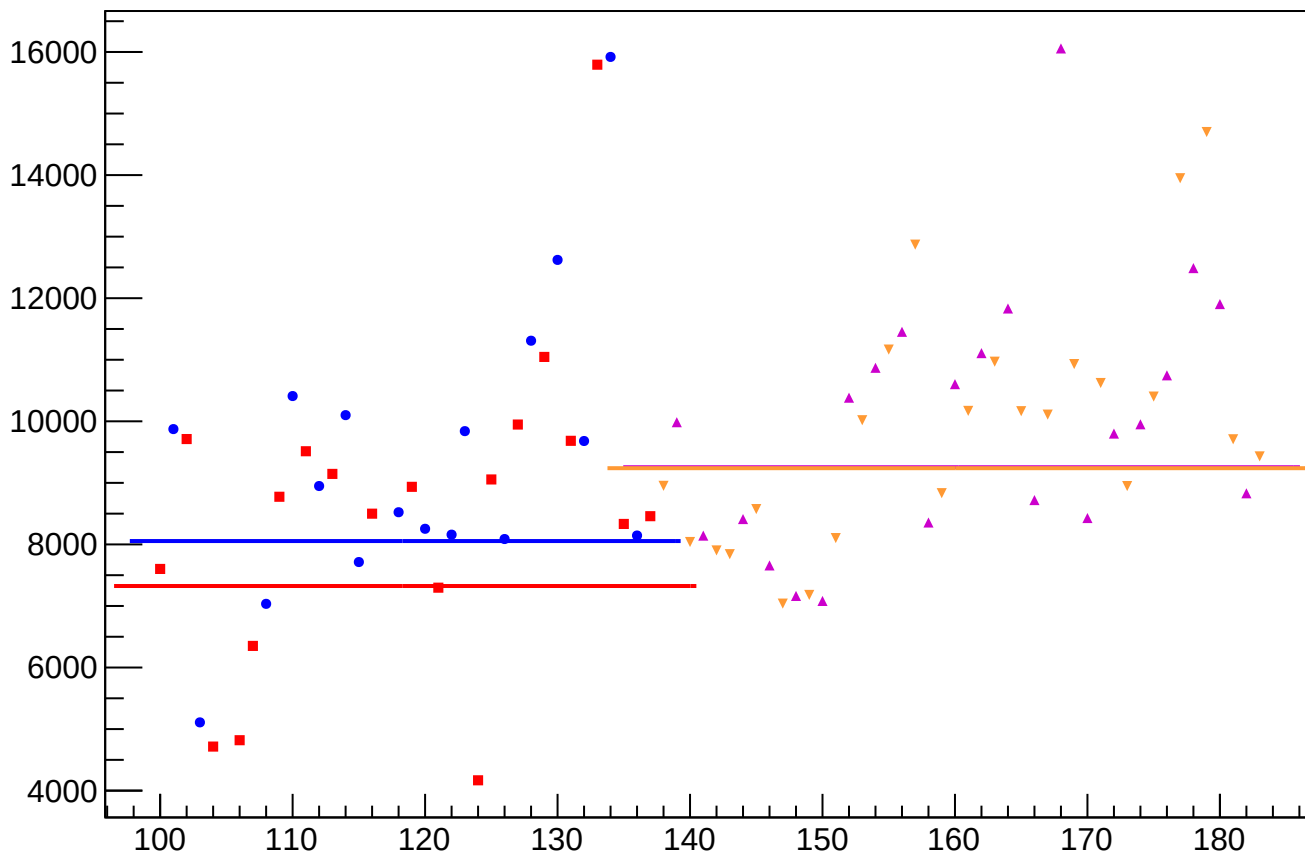
Right: -2509.390 $\pm$ 2152.947 χ^2 /NDF: 30.8/35

In: -1106.508 $\pm$ 1854.642 χ^2 /NDF: 30.2/38

Out: 33.064 $\pm$ 1758.811 χ^2 /NDF: 43.2/42

All: -506.521 $\pm$ 1276.201 χ^2 /NDF: 73.6/81

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 9238.342 $\pm$ 1.565 χ^2 /NDF:1168174.5/23

Right Out: 7324.291 $\pm$ 2.048 χ^2 /NDF: 1336145.7/18

Left In: 9254.303 $\pm$ 1.605 χ^2 /NDF:1235318.7/21

Left: 9246.123 $\pm$ 1.120 χ^2 /NDF: 2403543.9/45

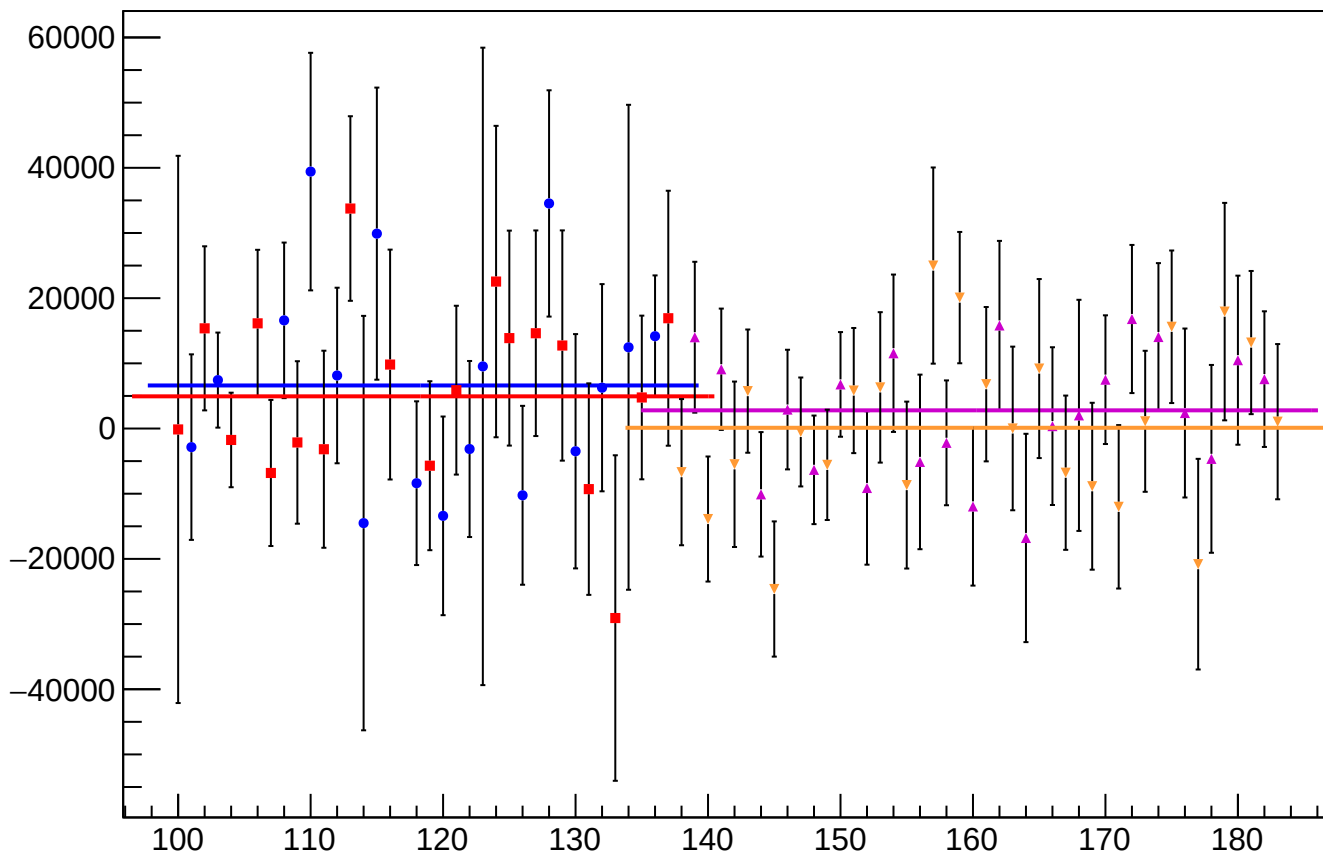
Right: 7651.290 $\pm$ 1.522 χ^2 /NDF: 2213838.0/35

In: 8855.827 $\pm$ 1.311 χ^2 /NDF:2241680.2/38

Out: 8532.772 $\pm$ 1.244 χ^2 /NDF:3055599.5/42

All: 8685.738 $\pm$ 0.902 χ^2 /NDF: 5329229.2/81

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: 113.199+/-2297.089 χ^2/NDF : 25.5/23

Right Out: 4938.727+/-3167.808 χ^2/NDF : 13.6/18

Left In: 2790.200+/-2352.382 χ^2/NDF : 14.4/21

Left: 1419.868+/-1643.487 χ^2/NDF : 40.6/45

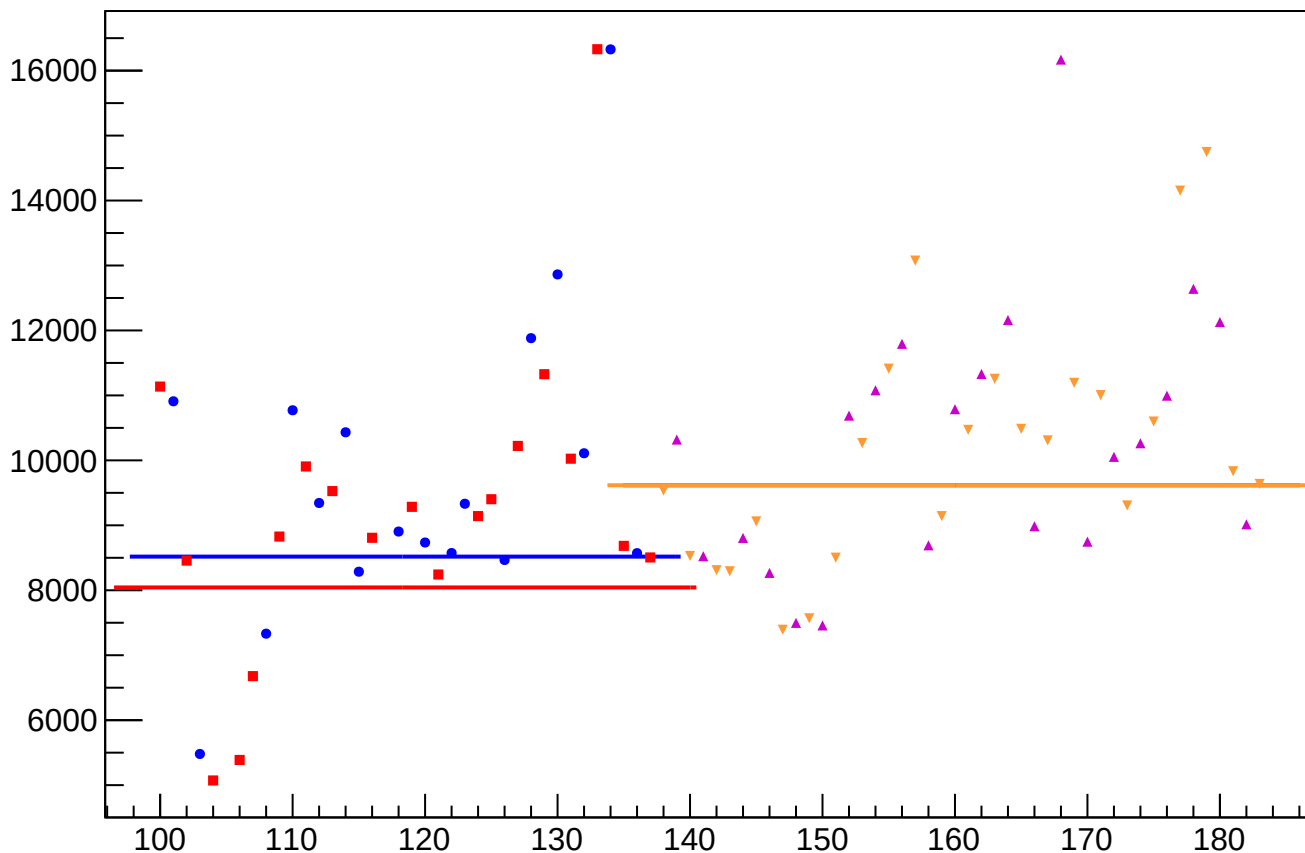
Right: 5715.122+/-2316.410 χ^2/NDF : 28.4/35

In: 4027.945+/-1933.738 χ^2/NDF : 30.0/38

Out: 1776.149+/-1859.628 χ^2/NDF : 40.6/42

All: 2858.071+/-1340.389 χ^2/NDF : 71.3/81

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 9616.809+/-1.624 χ^2/NDF : 1011200.0/23

Right Out: 8043.754+/-2.240 χ^2/NDF : 953572.9/18

Left In: 9615.900+/-1.663 χ^2/NDF : 1084100.6/21

Left: 9616.365+/-1.162 χ^2/NDF : 2095300.8/45

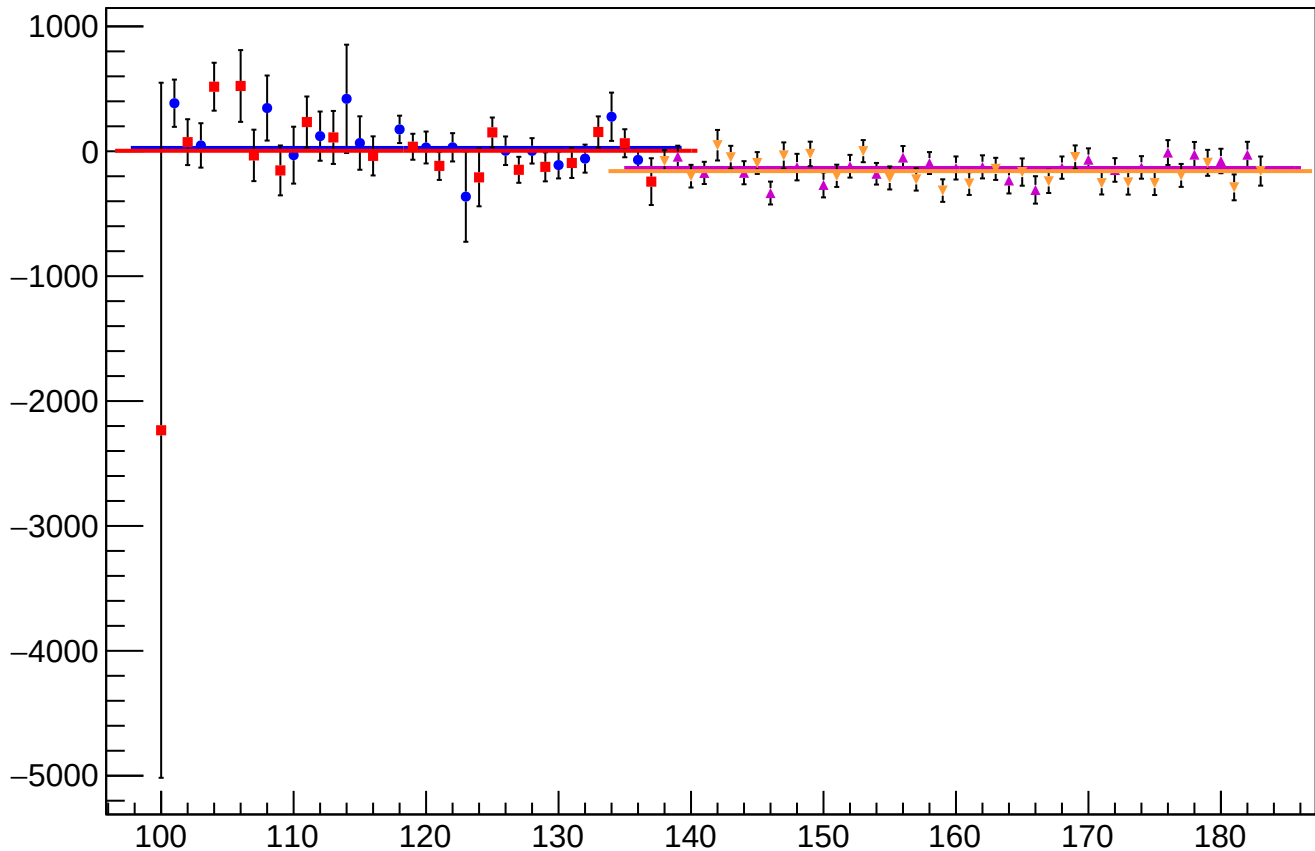
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 9259.983+/-1.367 χ^2/NDF : 1997290.1/38

Out: 9074.685+/-1.315 χ^2/NDF : 2288006.9/42

All: 9163.714+/-0.948 χ^2/NDF : 4294838.0/81

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 χ^2/NDF : 14.5/16

Left Out: -158.861 ± 19.395 χ^2/NDF : 25.2/23

Right Out: 4.007 ± 33.839 χ^2/NDF : 24.6/18

Left In: -133.867 ± 20.113 χ^2/NDF : 17.5/21

Left: -146.818 ± 13.961 χ^2/NDF : 43.6/45

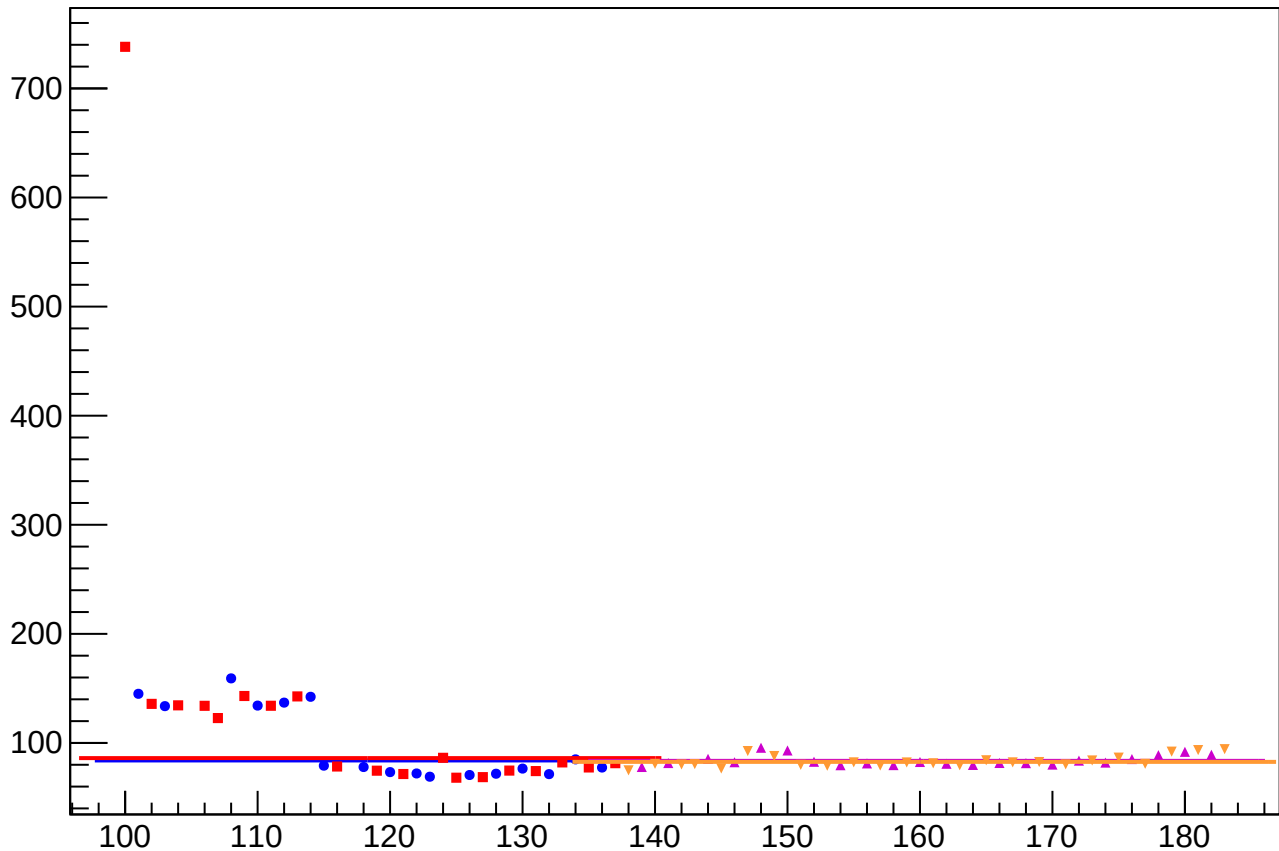
Right: 15.432 ± 23.852 χ^2/NDF : 39.3/35

In: -91.554 ± 17.261 χ^2/NDF : 48.9/38

Out: -118.587 ± 16.827 χ^2/NDF : 67.2/42

All: -105.415 ± 12.049 χ^2/NDF : 117.4/81

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 82.662 $\pm$ 0.014 χ^2 /NDF: 126742.6/23

Right Out: 86.109 $\pm$ 0.024 χ^2 /NDF: 1136227.7/18

Left In: 83.578 $\pm$ 0.014 χ^2 /NDF: 99477.6/21

Left: 83.104 $\pm$ 0.010 χ^2 /NDF: 228369.9/45

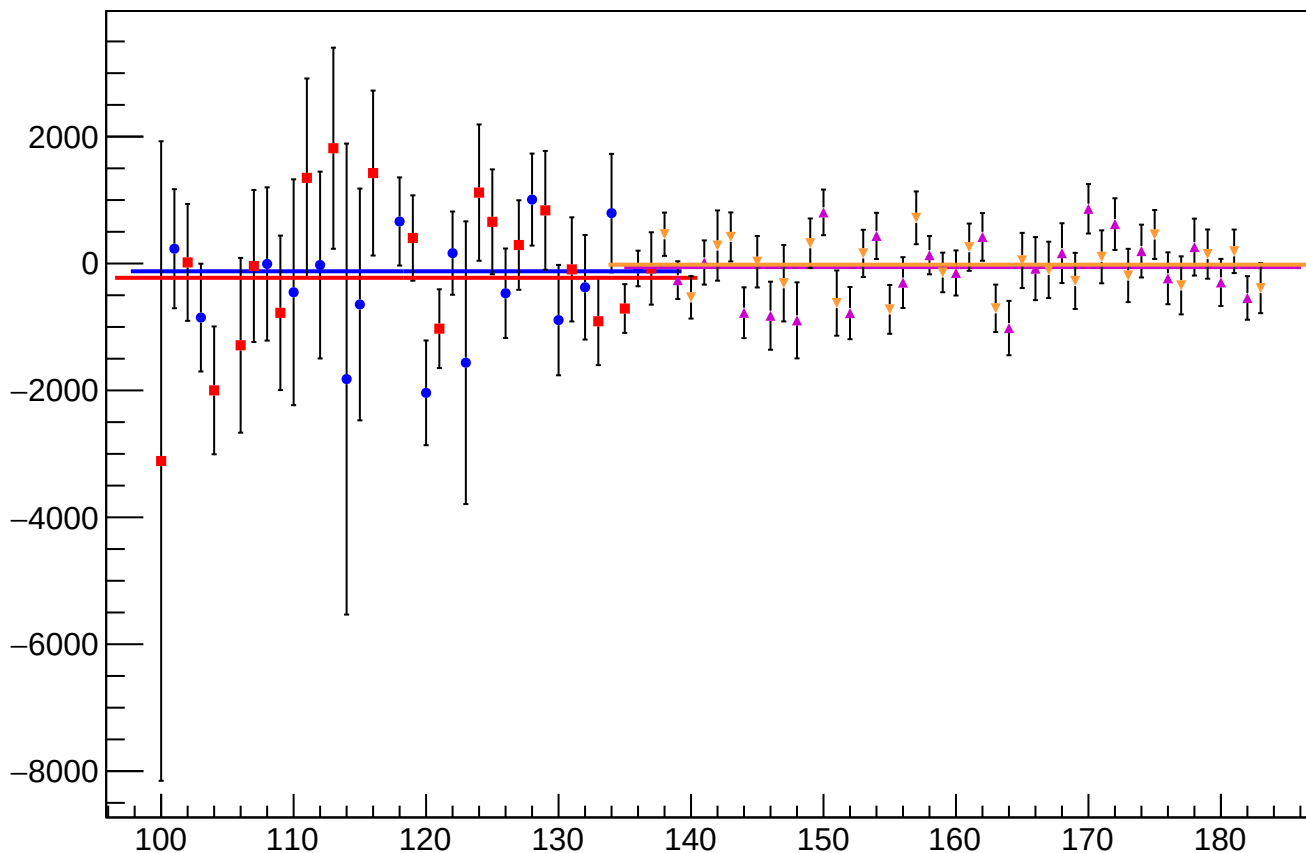
Right: 85.028 $\pm$ 0.017 χ^2 /NDF: 2100535.6/35

In: 83.679 $\pm$ 0.012 χ^2 /NDF: 1059921.7/38

Out: 83.514 $\pm$ 0.012 χ^2 /NDF: 1278585.1/42

All: 83.595 $\pm$ 0.009 χ^2 /NDF: 2338600.1/81

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410+/-179.587 χ^2/NDF : 13.0/16

Left Out: -18.232+/-81.371 χ^2/NDF :23.2/23

Right Out: -225.420+/-184.973 χ^2/NDF : 18.3/18

Left In: -56.825+/-83.183 χ^2/NDF :37.9/21

Left: -37.104+/-58.168 χ^2/NDF : 61.3/45

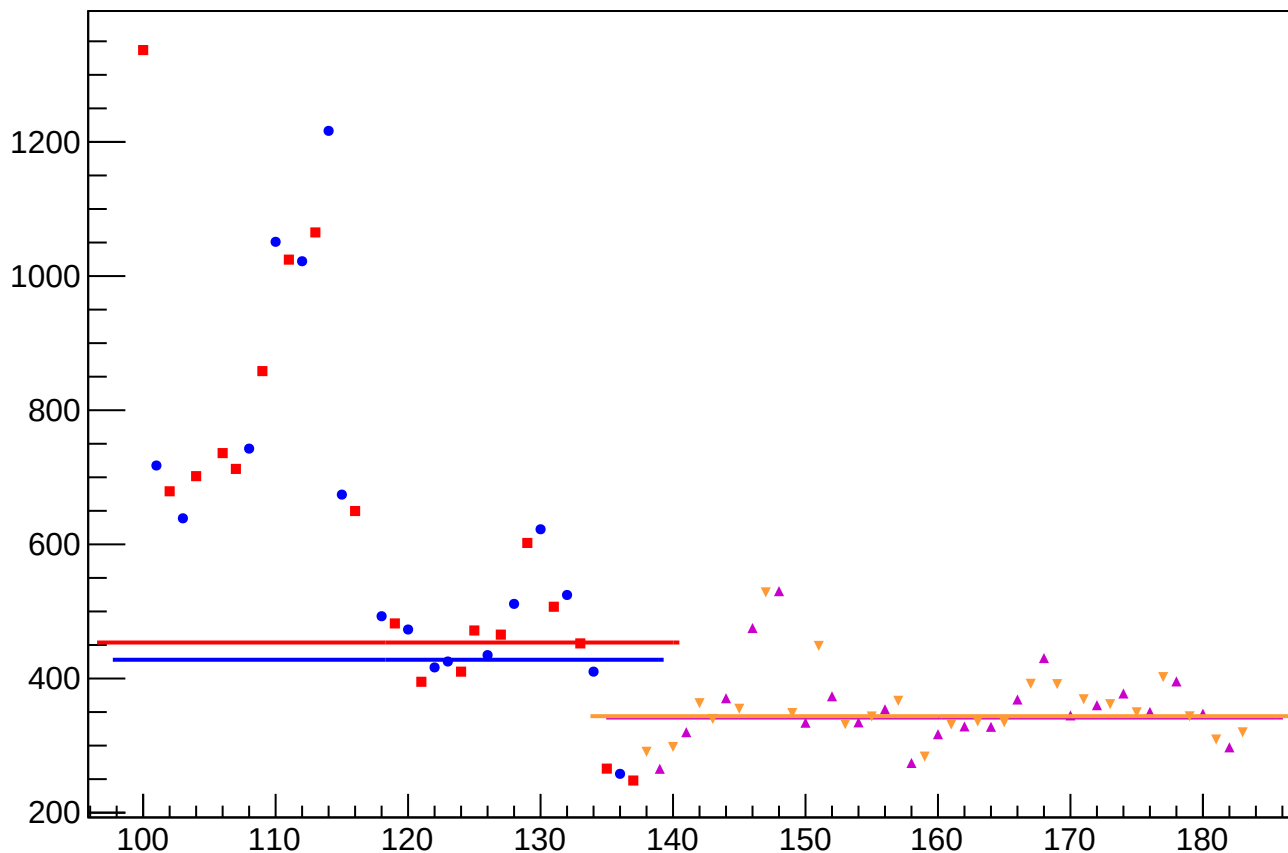
Right: -172.394+/-128.849 χ^2/NDF : 31.5/35

In: -68.411+/-75.479 χ^2/NDF :51.1/38

Out: -51.825+/-74.483 χ^2/NDF :42.6/42

All: -60.008+/-53.016 χ^2/NDF : 93.7/81

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2 /NDF: 2062245.9/16

Left Out: 343.868 $\pm$ 0.058 χ^2 /NDF: 566856.8/23

Right Out: 453.699 $\pm$ 0.131 χ^2 /NDF: 2134547.2/18

Left In: 341.844 $\pm$ 0.059 χ^2 /NDF: 761526.8/21

Left: 342.879 $\pm$ 0.041 χ^2 /NDF: 1328988.4/45

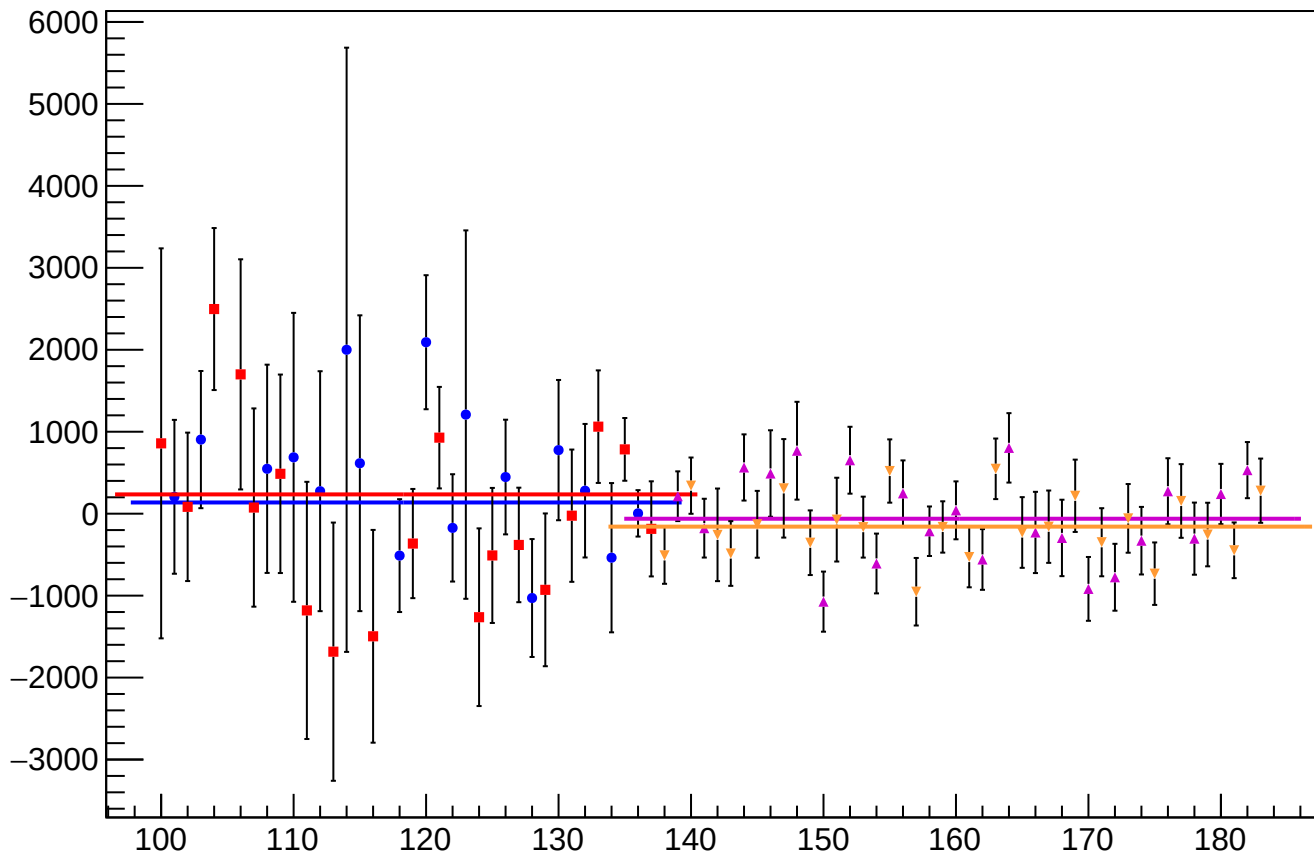
Right: 440.462 $\pm$ 0.091 χ^2 /NDF: 4216688.0/35

In: 357.061 $\pm$ 0.053 χ^2 /NDF: 3202640.0/38

Out: 361.676 $\pm$ 0.053 χ^2 /NDF: 3292192.5/42

All: 359.399 $\pm$ 0.037 χ^2 /NDF: 6498620.9/81

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2/NDF : 12.6/16

Left Out: -158.026 $\pm$ 81.417 χ^2/NDF : 22.0/23

Right Out: 235.334 $\pm$ 184.025 χ^2/NDF : 21.8/18

Left In: -61.703 $\pm$ 83.180 χ^2/NDF : 39.5/21

Left: -110.897 $\pm$ 58.184 χ^2/NDF : 62.2/45

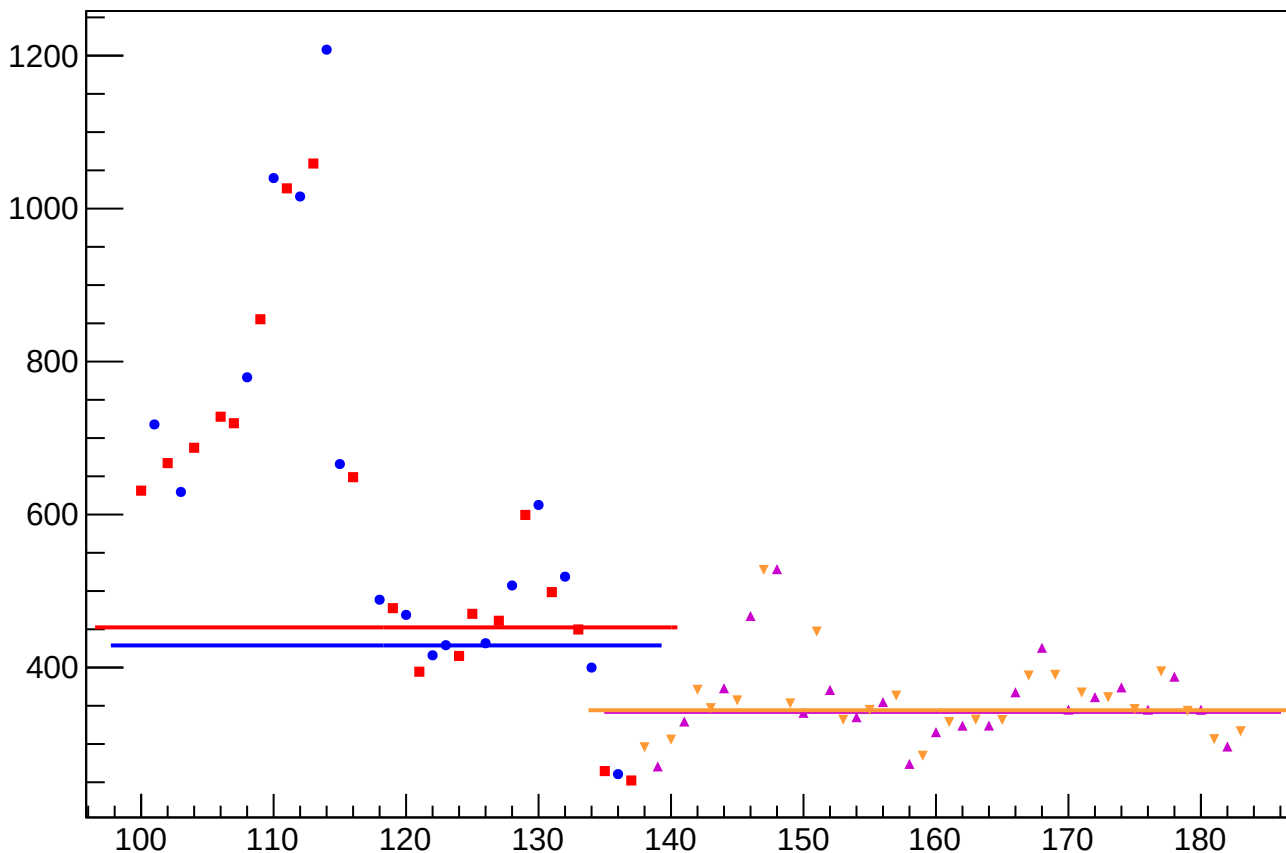
Right: 184.875 $\pm$ 128.536 χ^2/NDF : 34.6/35

In: -26.645 $\pm$ 75.479 χ^2/NDF : 53.1/38

Out: -93.635 $\pm$ 74.456 χ^2/NDF : 47.7/42

All: -60.597 $\pm$ 53.006 χ^2/NDF : 101.2/81

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 344.192+/-0.058 χ^2/NDF : 537957.0/23

Right Out: 452.487+/-0.130 χ^2/NDF : 2042099.3/18

Left In: 342.028+/-0.059 χ^2/NDF : 710209.1/21

Left: 343.133+/-0.041 χ^2/NDF : 1248857.8/45

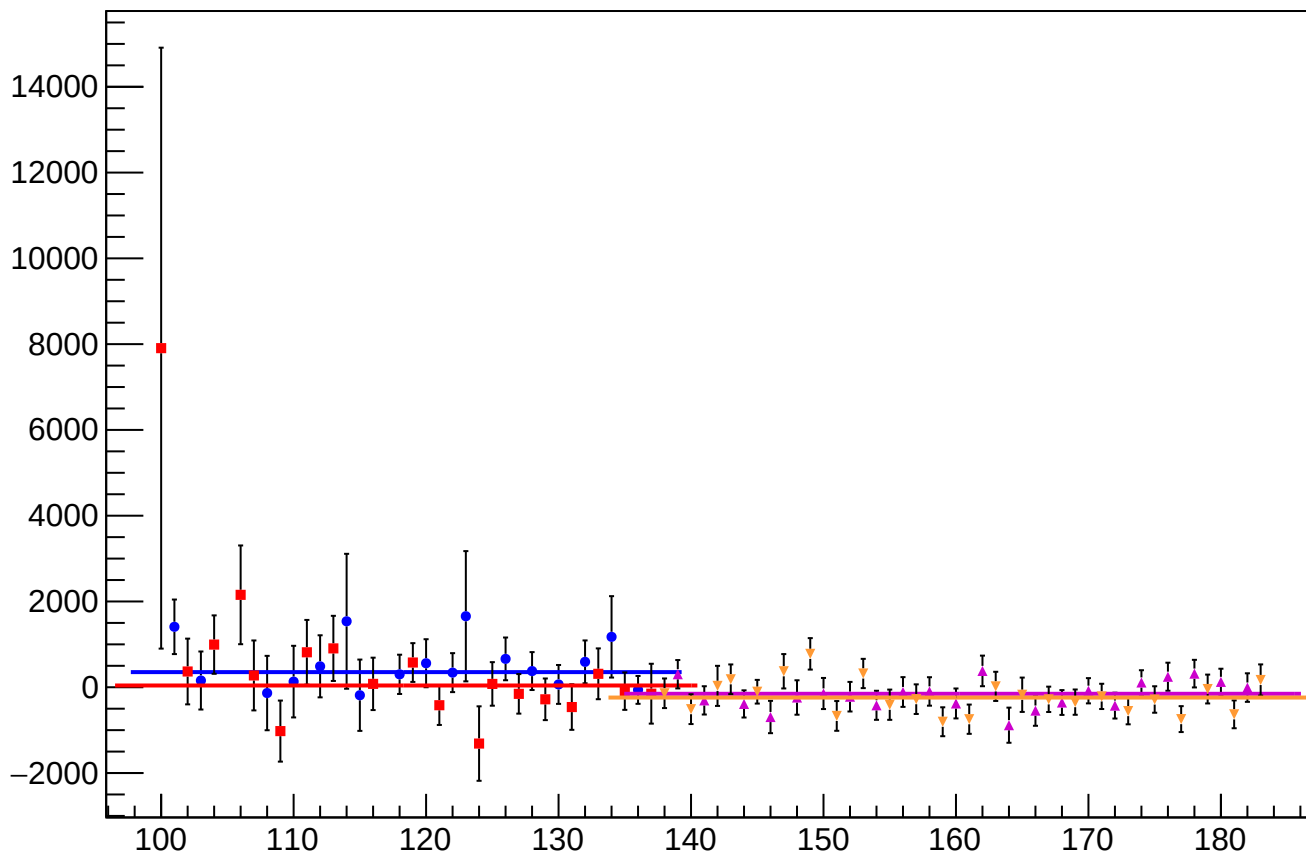
Right: 440.401+/-0.091 χ^2/NDF : 4069533.6/35

In: 357.368+/-0.053 χ^2/NDF : 3105960.8/38

Out: 361.920+/-0.053 χ^2/NDF : 3159284.5/42

All: 359.675+/-0.037 χ^2/NDF : 6268932.0/81

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 χ^2/NDF : 8.5/16

Left Out: -240.307 ± 68.313 χ^2/NDF : 30.0/23

Right Out: 41.079 ± 138.996 χ^2/NDF : 18.2/18

Left In: -152.443 ± 70.884 χ^2/NDF : 19.4/21

Left: -197.998 ± 49.188 χ^2/NDF : 50.2/45

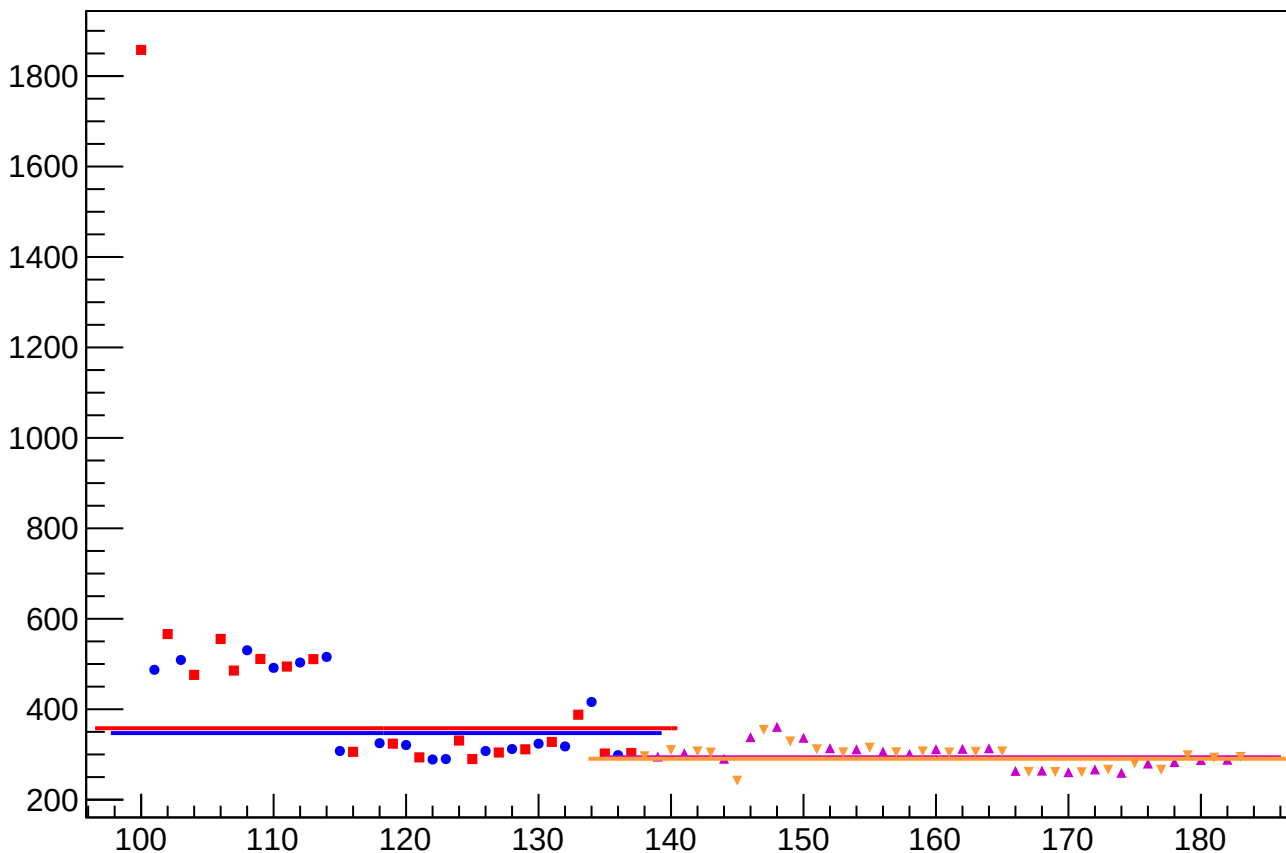
Right: 198.919 ± 97.679 χ^2/NDF : 29.3/35

In: -46.088 ± 62.985 χ^2/NDF : 38.6/38

Out: -185.562 ± 61.309 χ^2/NDF : 51.5/42

All: -117.706 ± 43.933 χ^2/NDF : 92.6/81

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2 /NDF: 618906.8/16

Left Out: 290.553 $\pm$ 0.048 χ^2 /NDF: 273711.1/23

Right Out: 357.955 $\pm$ 0.098 χ^2 /NDF: 851646.4/18

Left In: 293.866 $\pm$ 0.050 χ^2 /NDF: 257202.6/21

Left: 292.148 $\pm$ 0.035 χ^2 /NDF: 533179.3/45

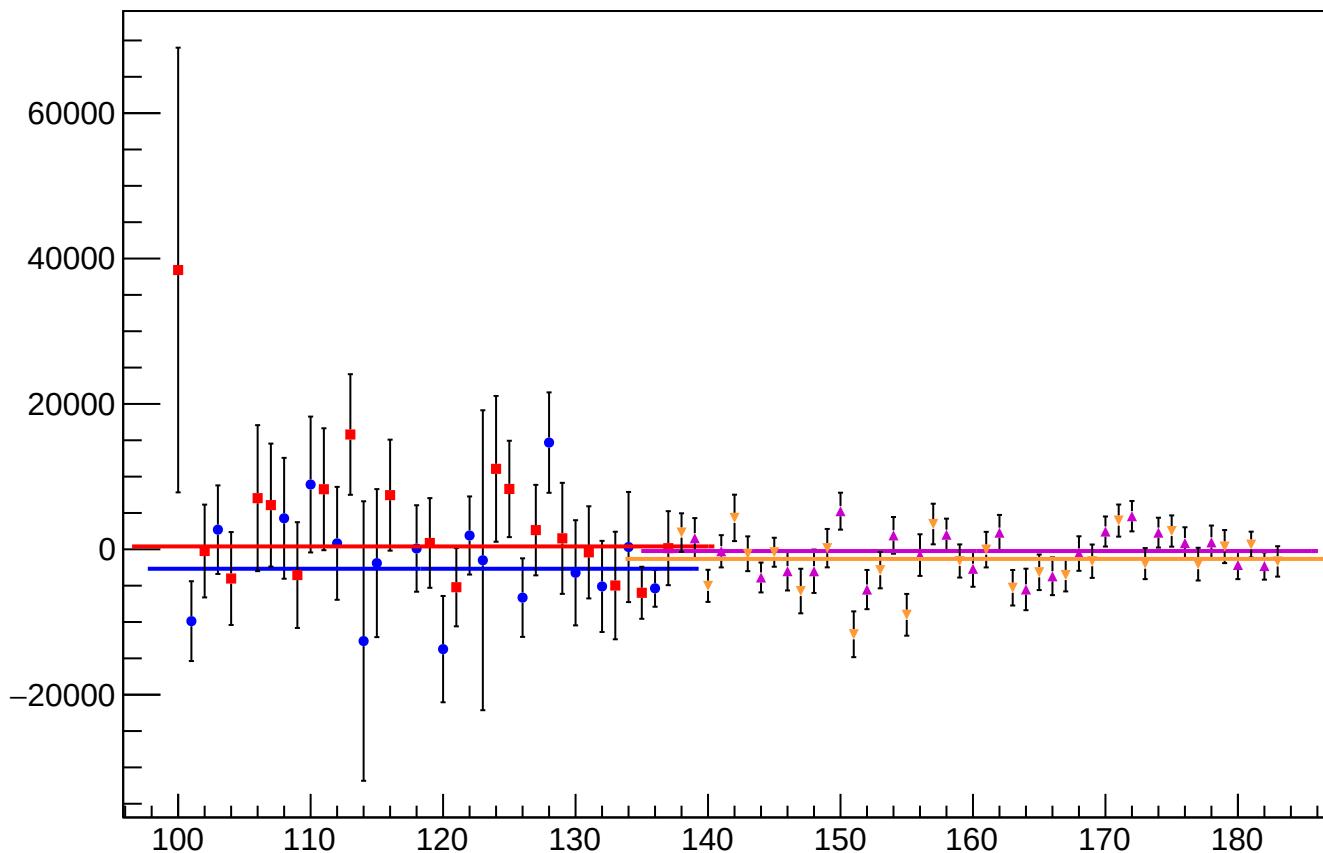
Right: 352.552 $\pm$ 0.069 χ^2 /NDF: 1476524.8/35

In: 305.107 $\pm$ 0.045 χ^2 /NDF: 1115103.0/38

Out: 303.666 $\pm$ 0.043 χ^2 /NDF: 1504163.7/42

All: 304.367 $\pm$ 0.031 χ^2 /NDF: 2619804.2/81

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2/NDF : 16.7/16

Left Out: -1321.458 $\pm$ 483.069 χ^2/NDF : 47.2/23

Right Out: 398.443 $\pm$ 1515.968 χ^2/NDF : 15.9/18

Left In: -235.931 $\pm$ 498.520 χ^2/NDF : 34.2/21

Left: -795.778 $\pm$ 346.915 χ^2/NDF : 83.8/45

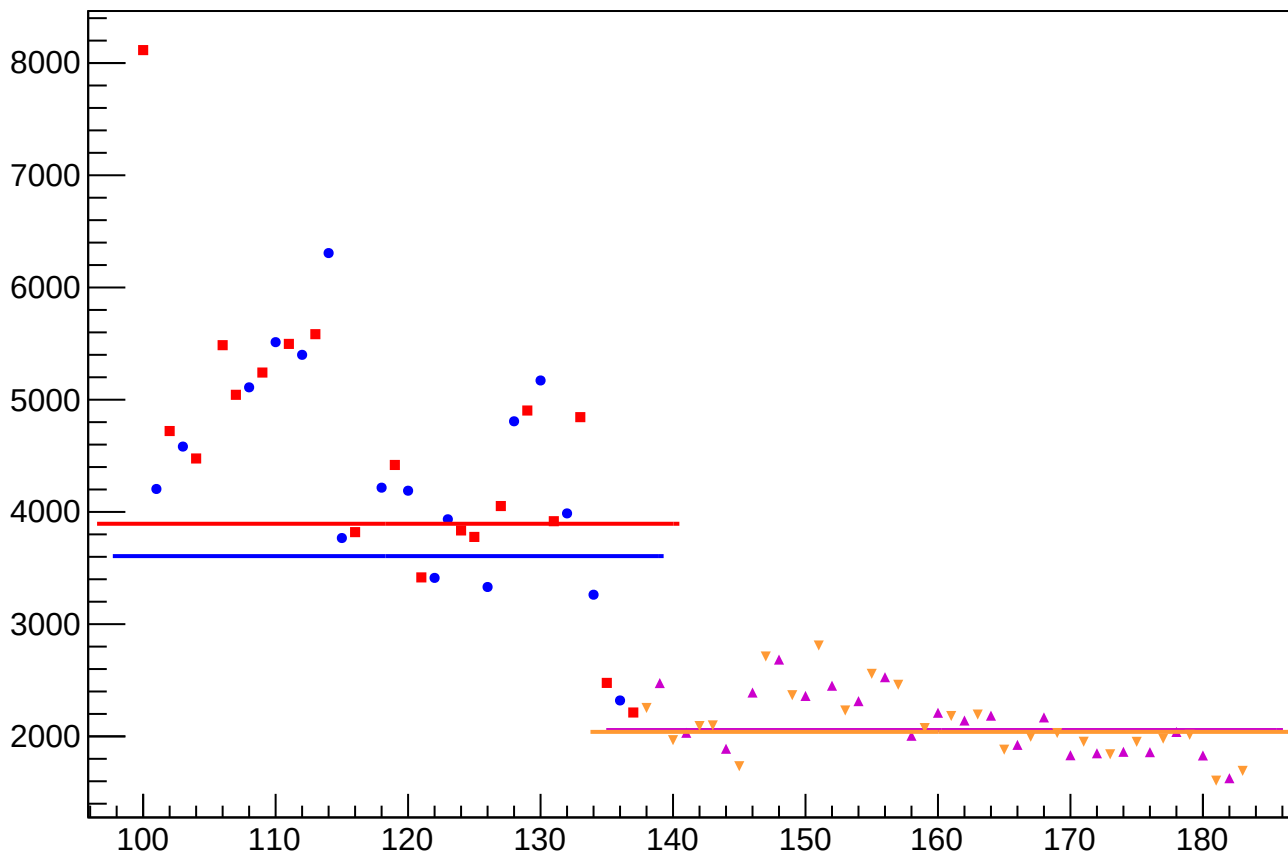
Right: -1199.564 $\pm$ 1050.178 χ^2/NDF : 34.8/35

In: -491.701 $\pm$ 471.647 χ^2/NDF : 53.5/38

Out: -1162.917 $\pm$ 460.266 χ^2/NDF : 64.2/42

All: -835.505 $\pm$ 329.407 χ^2/NDF : 118.8/81

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2040.115+/-0.342 χ^2/NDF : 656113.3/23

Right Out: 3894.596+/-1.072 χ^2/NDF : 1032752.3/18

Left In: 2056.499+/-0.353 χ^2/NDF : 559574.9/21

Left: 2048.049+/-0.245 χ^2/NDF : 1216802.3/45

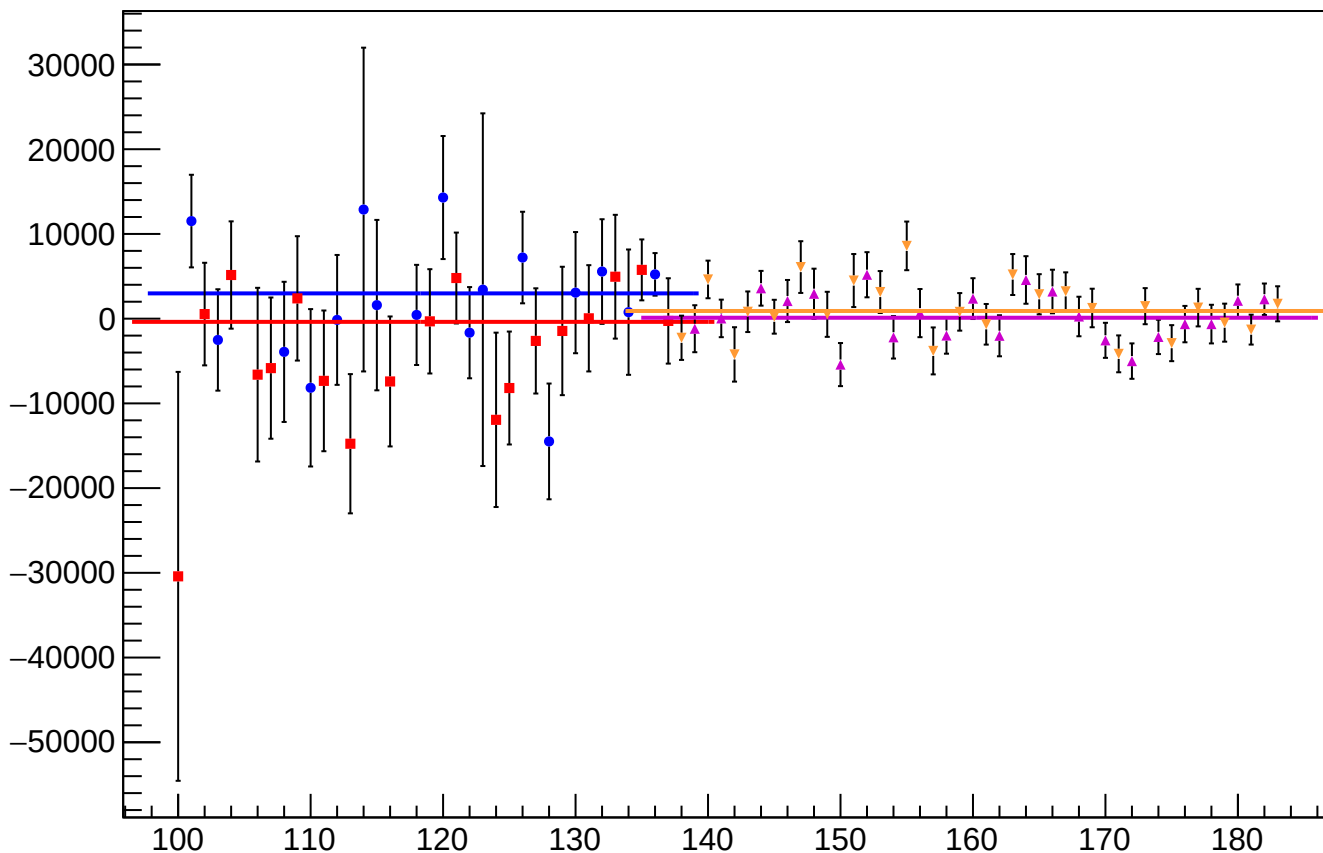
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 2219.088+/-0.334 χ^2/NDF : 3680004.4/38

Out: 2211.061+/-0.325 χ^2/NDF : 4405897.0/42

All: 2214.977+/-0.233 χ^2/NDF : 8086198.1/81

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 905.954+/-478.643 χ^2/NDF : 38.2/23

Right Out: -377.377+/-1507.395 χ^2/NDF : 15.0/18

Left In: 108.388+/-492.441 χ^2/NDF : 32.1/21

Left: 518.501+/-343.226 χ^2/NDF : 71.7/45

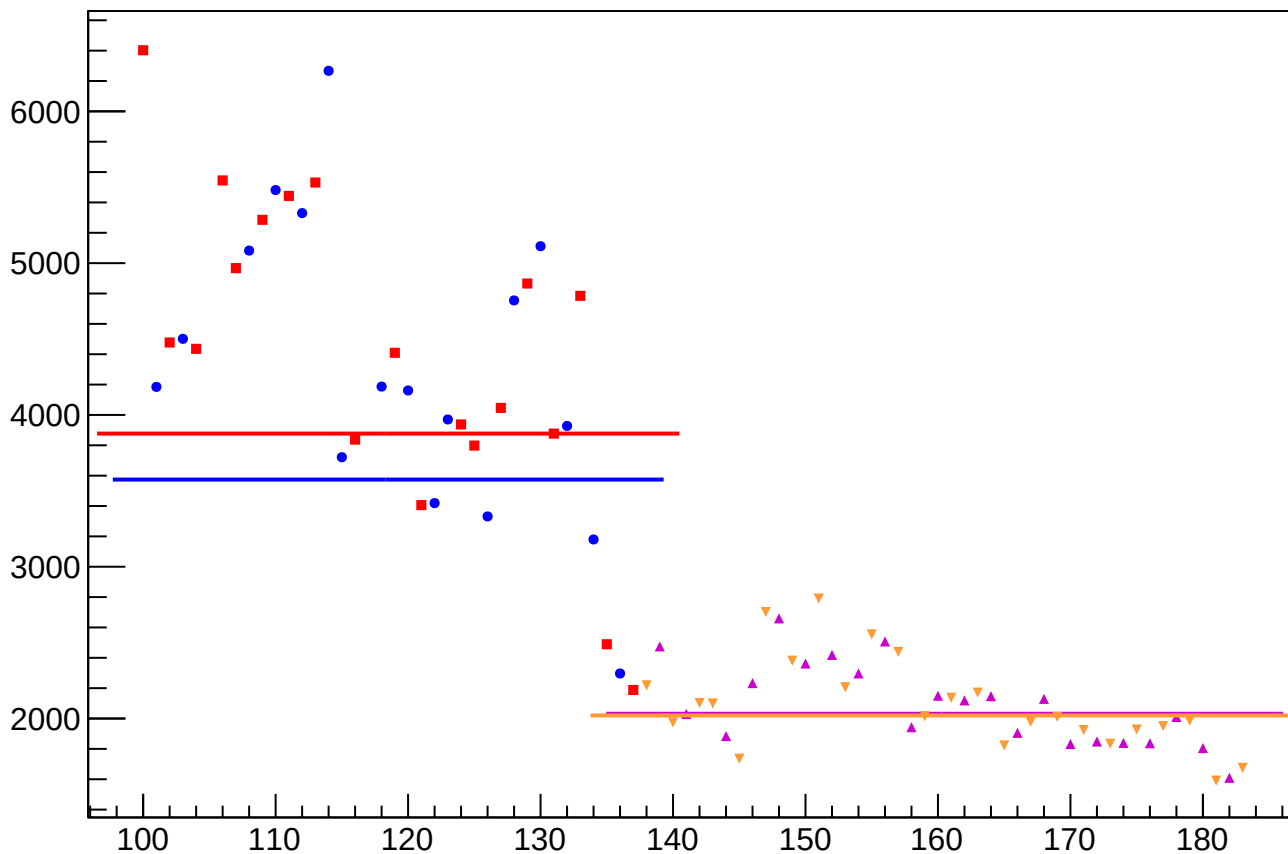
Right: 1375.706+/-1042.614 χ^2/NDF : 35.1/35

In: 408.073+/-466.072 χ^2/NDF : 53.1/38

Out: 788.412+/-456.197 χ^2/NDF : 53.9/42

All: 602.314+/-326.015 χ^2/NDF : 107.4/81

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2020.378 $\pm$ 0.338 χ^2 /NDF: 666696.6/23

Right Out: 3877.124 $\pm$ 1.066 χ^2 /NDF: 990125.2/18

Left In: 2031.253 $\pm$ 0.348 χ^2 /NDF: 541671.6/21

Left: 2025.661 $\pm$ 0.243 χ^2 /NDF: 1208869.7/45

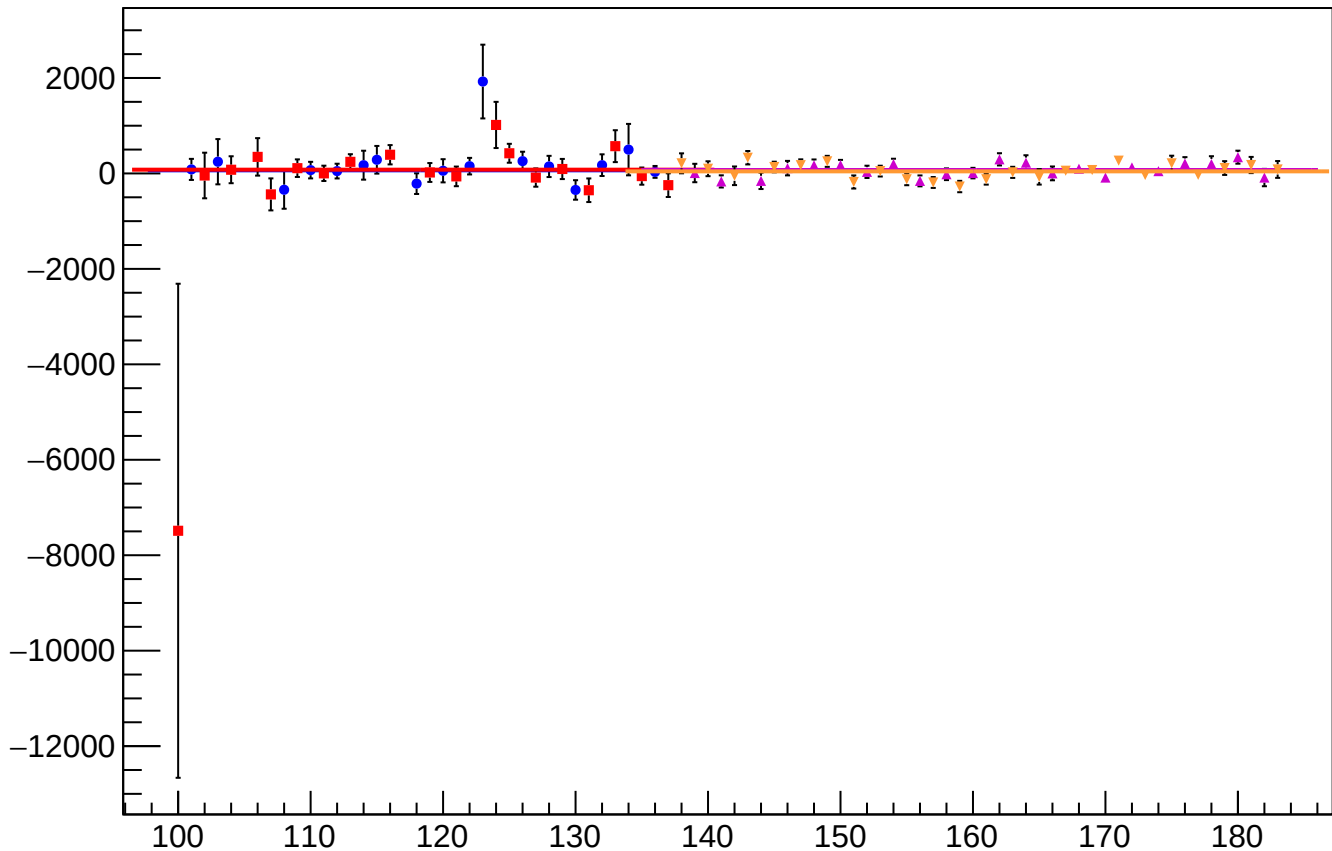
Right: 3719.204 $\pm$ 0.737 χ^2 /NDF: 2123559.1/35

In: 2192.092 $\pm$ 0.330 χ^2 /NDF: 3679976.5/38

Out: 2190.439 $\pm$ 0.323 χ^2 /NDF: 4413347.7/42

All: 2191.248 $\pm$ 0.231 χ^2 /NDF: 8093337.1/81

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 43.650+/-24.377 χ^2/NDF : 38.4/23

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: 71.514+/-25.561 χ^2/NDF : 27.2/21

Left: 56.922+/-17.641 χ^2/NDF : 66.3/45

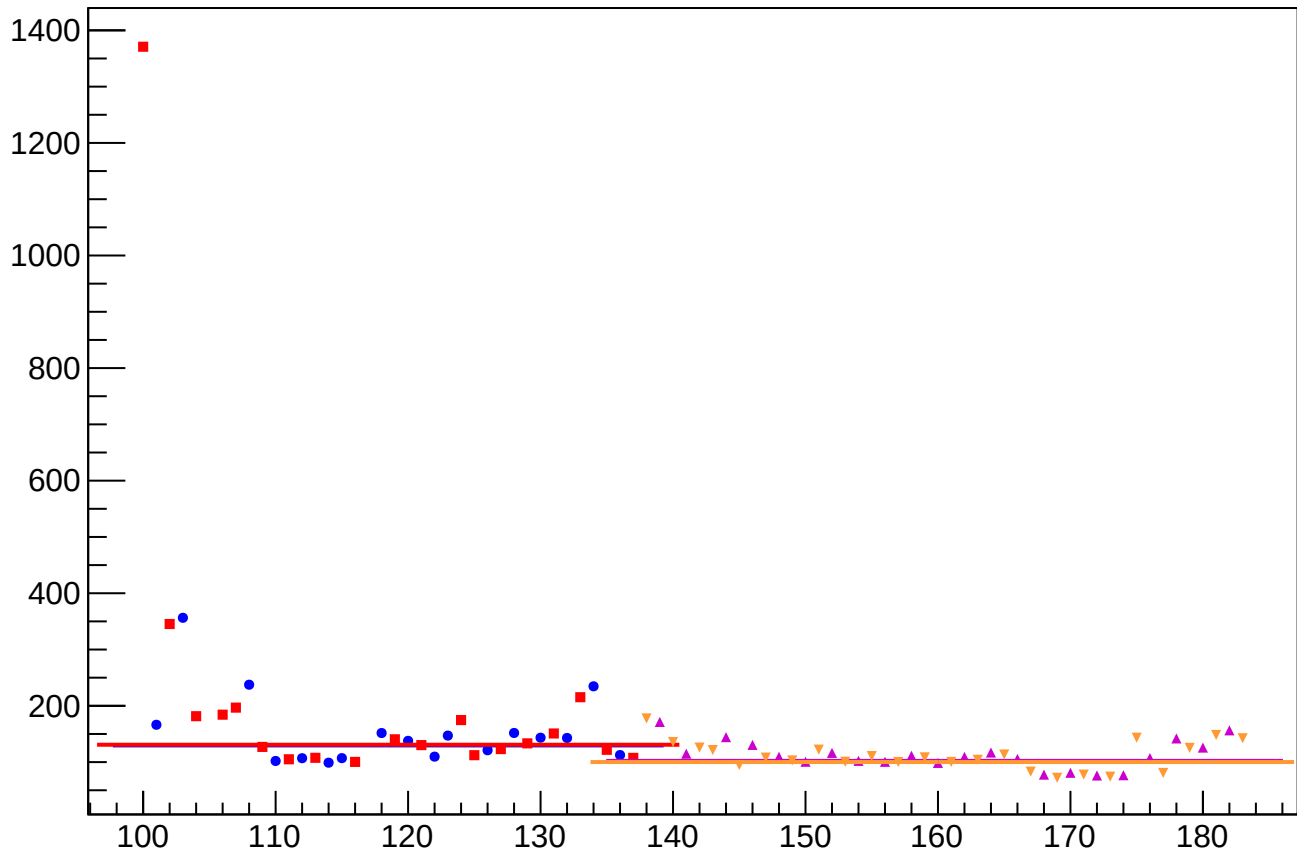
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 70.316+/-22.998 χ^2/NDF : 43.0/38

Out: 49.897+/-22.098 χ^2/NDF : 63.1/42

All: 59.699+/-15.934 χ^2/NDF : 106.5/81

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 100.115 $\pm$ 0.017 χ^2 /NDF: 1736767.7/23

Right Out: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

Left In: 102.156 $\pm$ 0.018 χ^2 /NDF: 1519402.7/21

Left: 101.087 $\pm$ 0.012 χ^2 /NDF: 3262849.9/45

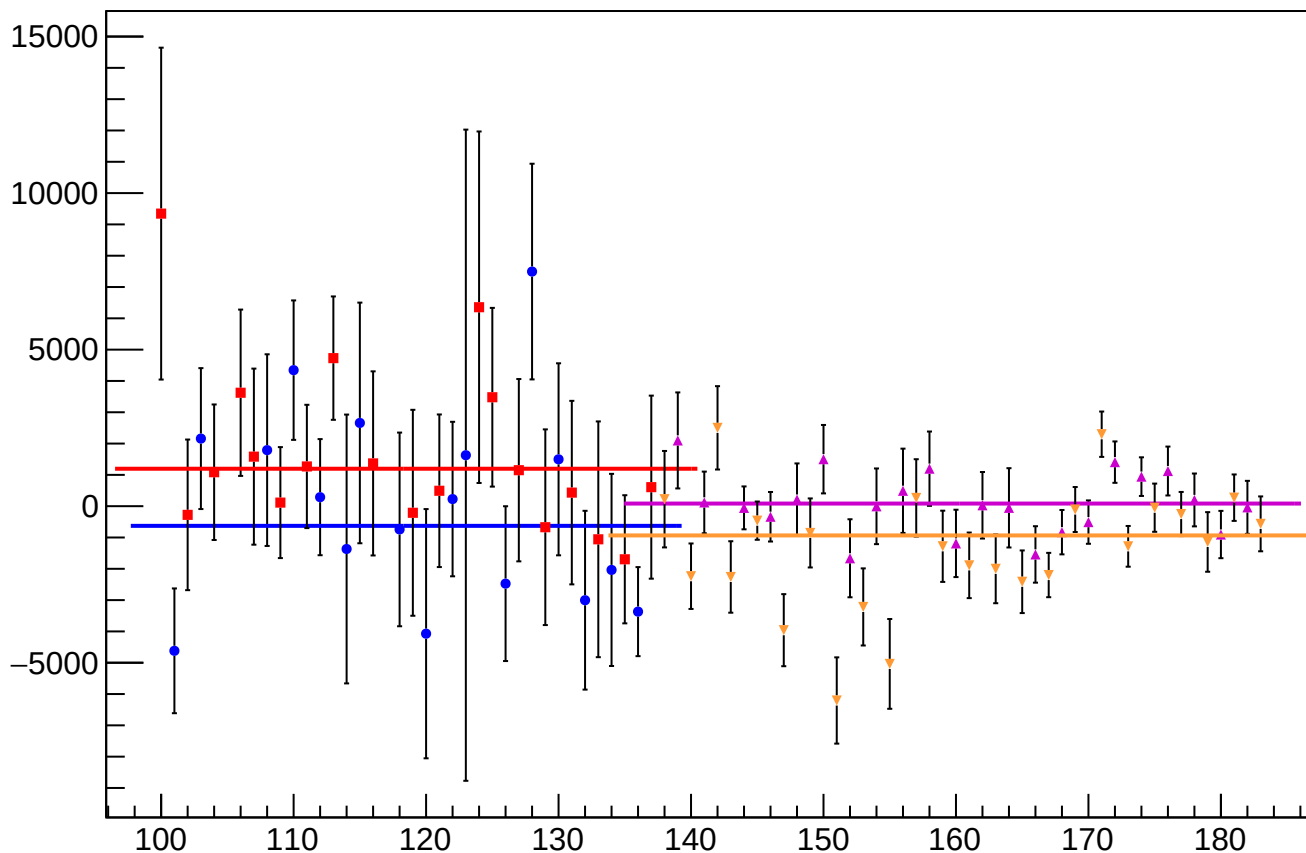
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 107.401 $\pm$ 0.016 χ^2 /NDF: 2951266.8/38

Out: 105.598 $\pm$ 0.016 χ^2 /NDF: 3346844.7/42

All: 106.464 $\pm$ 0.011 χ^2 /NDF: 6304501.0/81

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -933.996+/-186.040 χ^2/NDF : 78.8/23

Right Out: 1196.185+/-595.685 χ^2/NDF : 11.8/18

Left In: 83.928+/-188.484 χ^2/NDF : 23.2/21

Left: -431.675+/-132.406 χ^2/NDF : 116.8/45

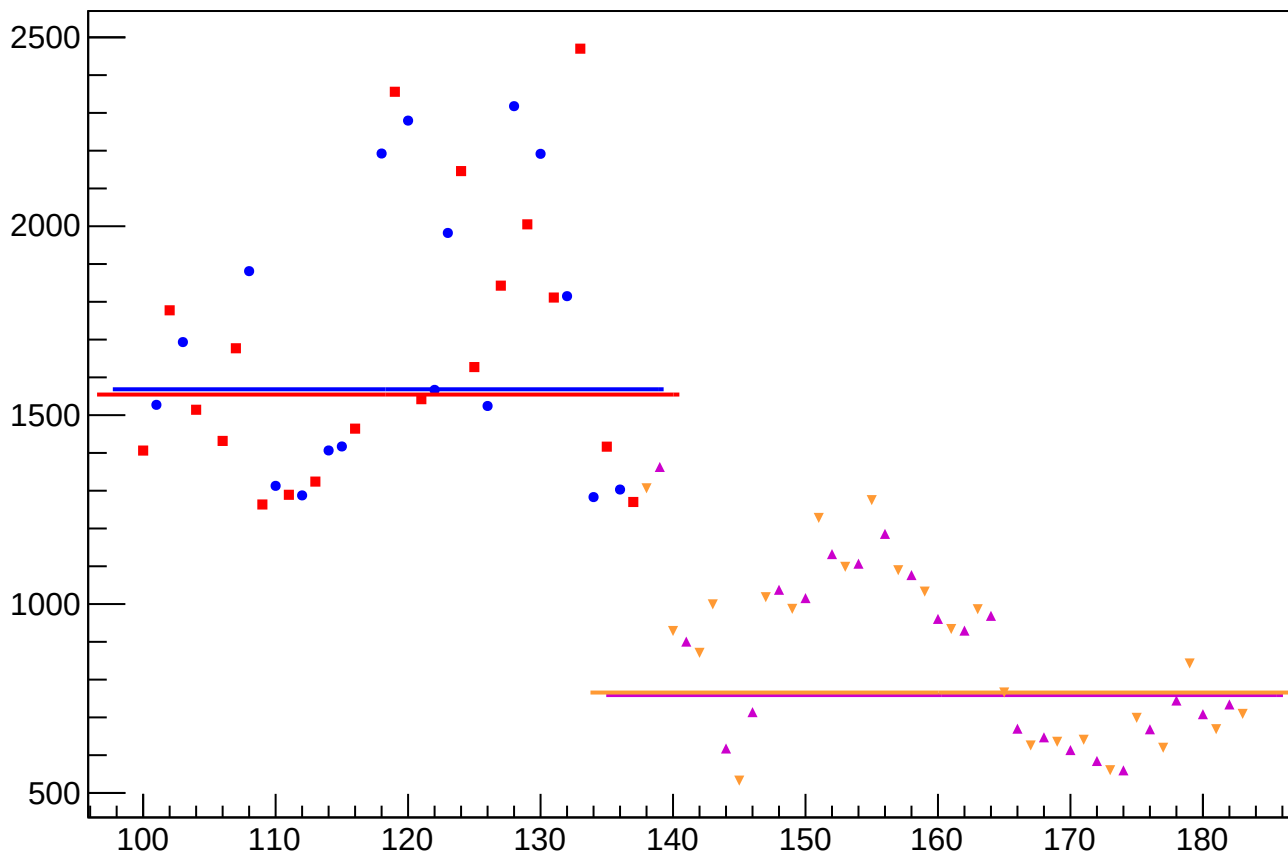
Right: 322.661+/-430.045 χ^2/NDF : 40.5/35

In: 23.948+/-180.371 χ^2/NDF : 48.7/38

Out: -744.684+/-177.581 χ^2/NDF : 102.2/42

All: -366.359+/-126.544 χ^2/NDF : 160.1/81

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 765.786+/-0.132 χ^2/NDF : 2422489.2/23

Right Out: 1554.527+/-0.421 χ^2/NDF : 512038.4/18

Left In: 759.088+/-0.133 χ^2/NDF : 2079650.5/21

Left: 762.480+/-0.094 χ^2/NDF : 4503419.0/45

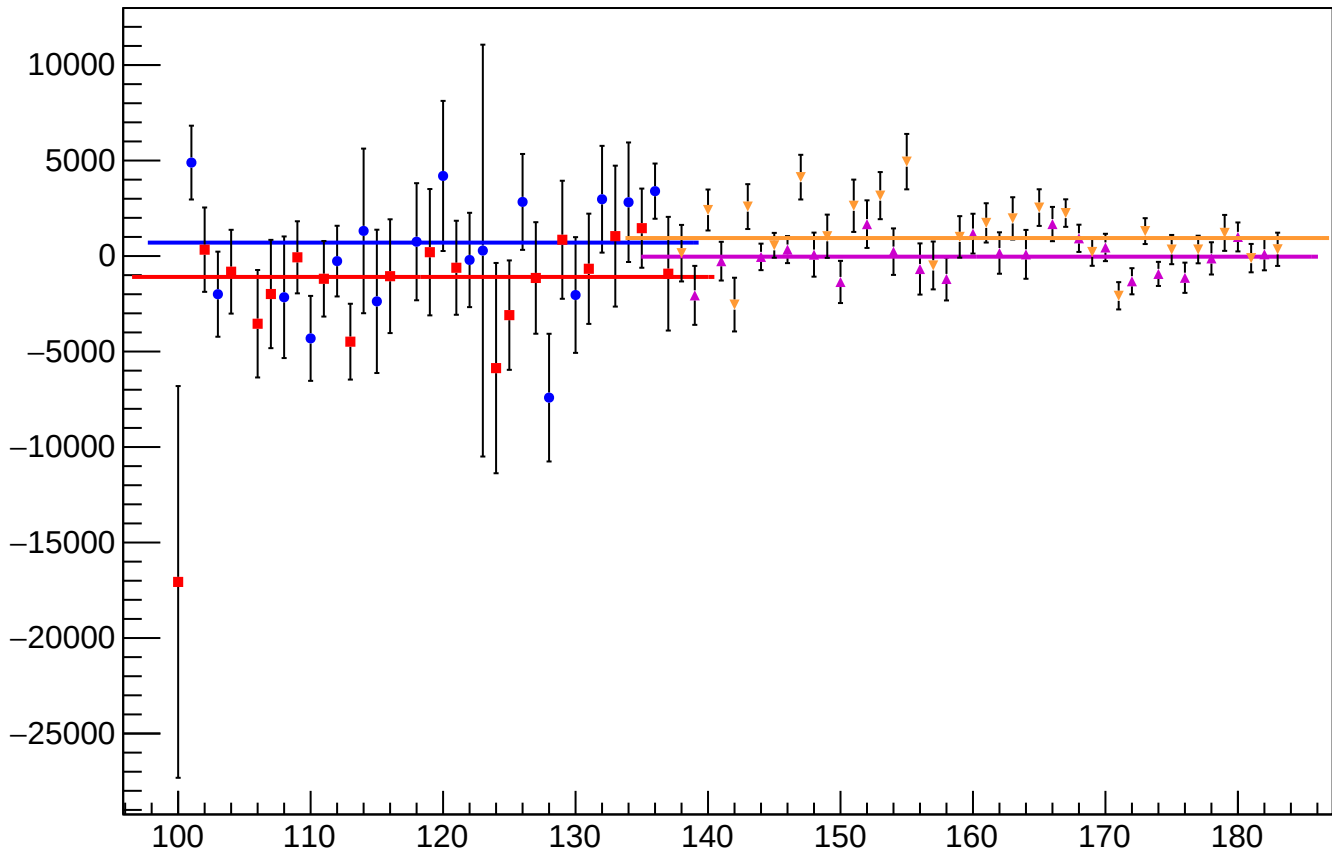
Right: 1561.208+/-0.304 χ^2/NDF : 1046761.5/35

In: 827.263+/-0.128 χ^2/NDF : 5720347.6/38

Out: 835.882+/-0.126 χ^2/NDF : 6129344.3/42

All: 831.640+/-0.089 χ^2/NDF : 11852010.7/83

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 ± 620.618 $\chi^2/\text{NDF}: 26.0/16$

Left Out: 942.464 ± 188.039 $\chi^2/\text{NDF}: 62.3/23$

Right Out: -1093.862 ± 603.204 $\chi^2/\text{NDF}: 10.6/18$

Left In: -33.360 ± 188.808 $\chi^2/\text{NDF}: 23.4/21$

Left: 456.545 ± 133.235 $\chi^2/\text{NDF}: 99.1/45$

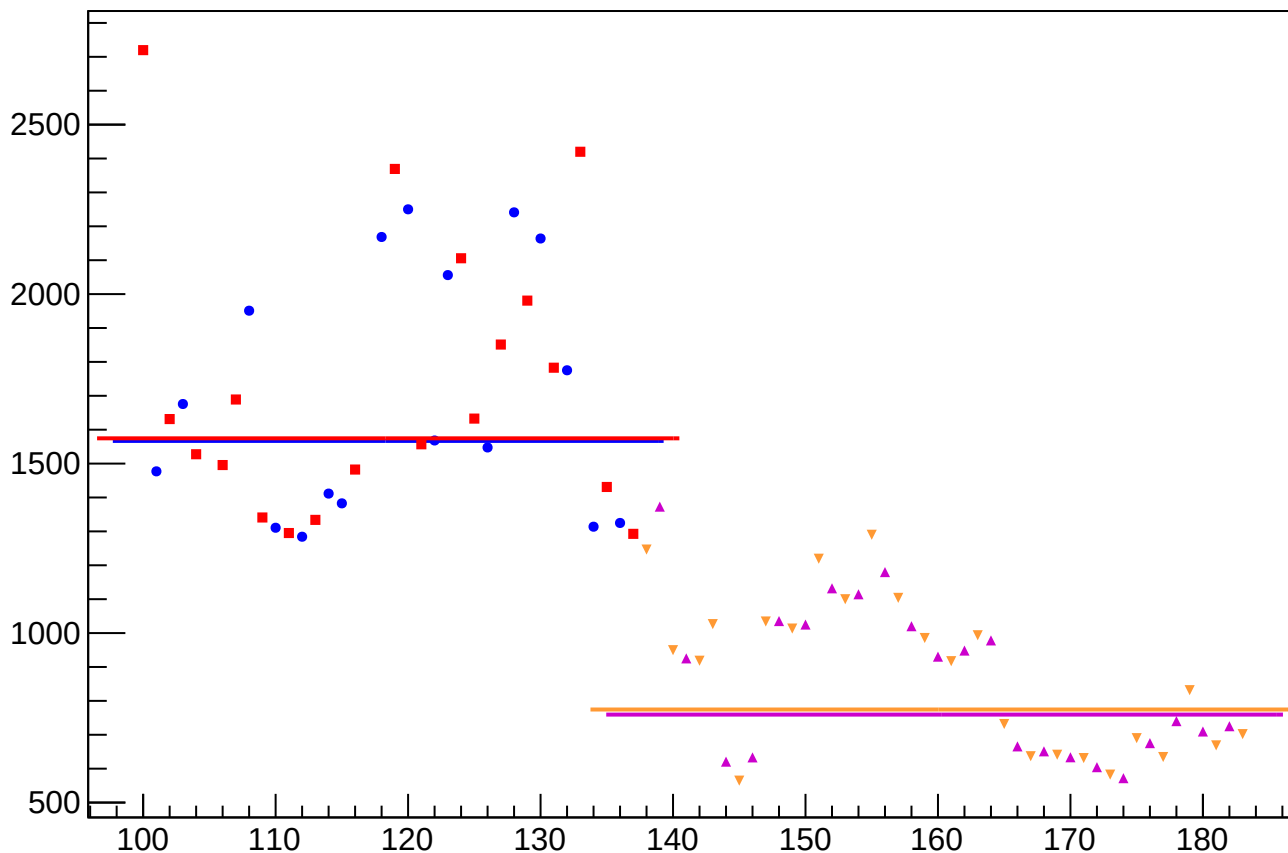
Right: -220.967 ± 432.555 $\chi^2/\text{NDF}: 40.9/35$

In: 29.024 ± 180.634 $\chi^2/\text{NDF}: 50.7/38$

Out: 762.106 ± 179.518 $\chi^2/\text{NDF}: 83.3/42$

All: 397.836 ± 127.331 $\chi^2/\text{NDF}: 142.3/81$

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 774.511 $\pm$ 0.133 χ^2 /NDF: 2245999.1/23

Right Out: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 759.520 $\pm$ 0.134 χ^2 /NDF: 2014108.8/21

Left: 767.046 $\pm$ 0.094 χ^2 /NDF: 4266437.6/45

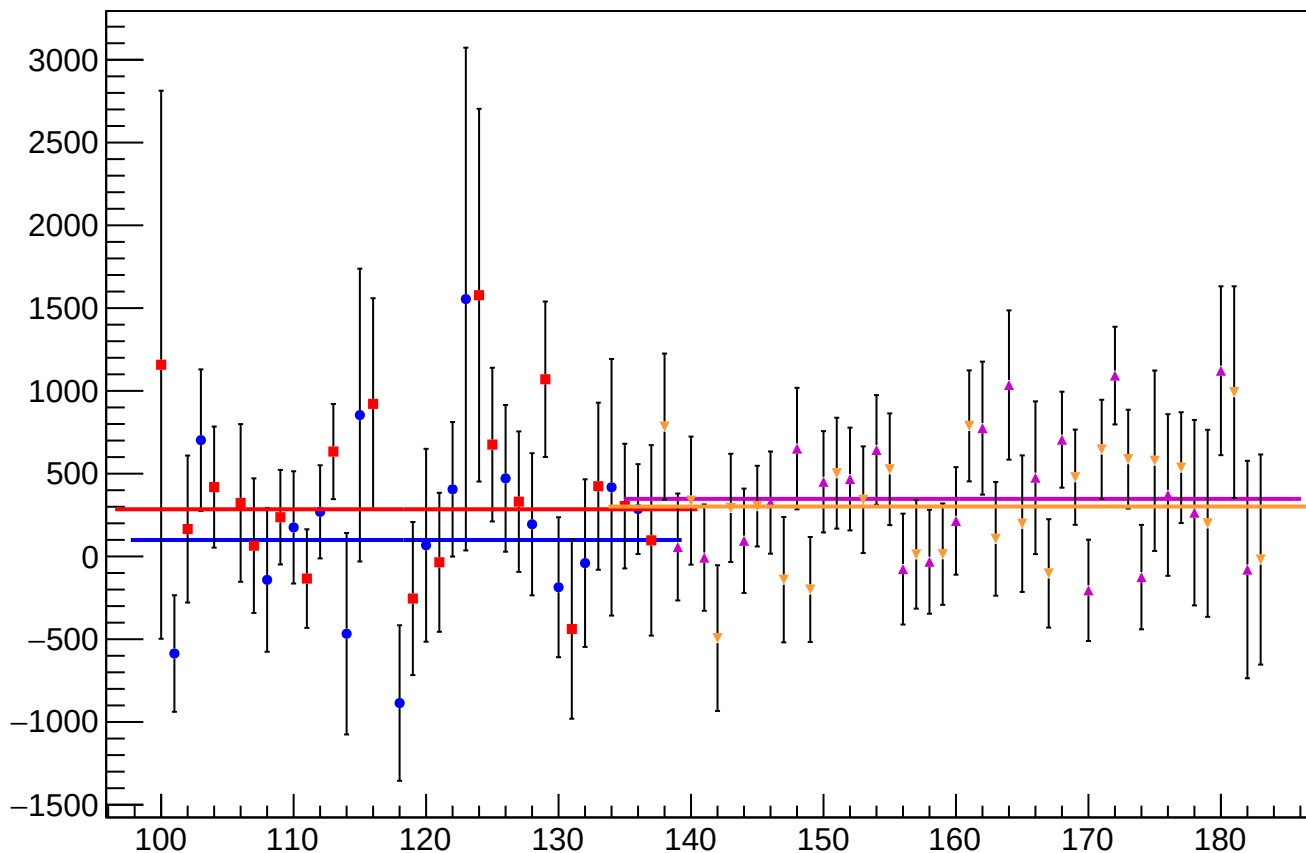
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 827.919 $\pm$ 0.128 χ^2 /NDF: 5612321.4/38

Out: 845.369 $\pm$ 0.127 χ^2 /NDF: 5916700.3/42

All: 836.698 $\pm$ 0.090 χ^2 /NDF: 11538411.9/83

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 301.537 $\pm$ 71.649 χ^2/NDF : 19.7/23

Right Out: 284.883 $\pm$ 97.709 χ^2/NDF : 14.0/18

Left In: 347.683 $\pm$ 74.647 χ^2/NDF : 27.3/21

Left: 323.665 $\pm$ 51.691 χ^2/NDF : 47.2/45

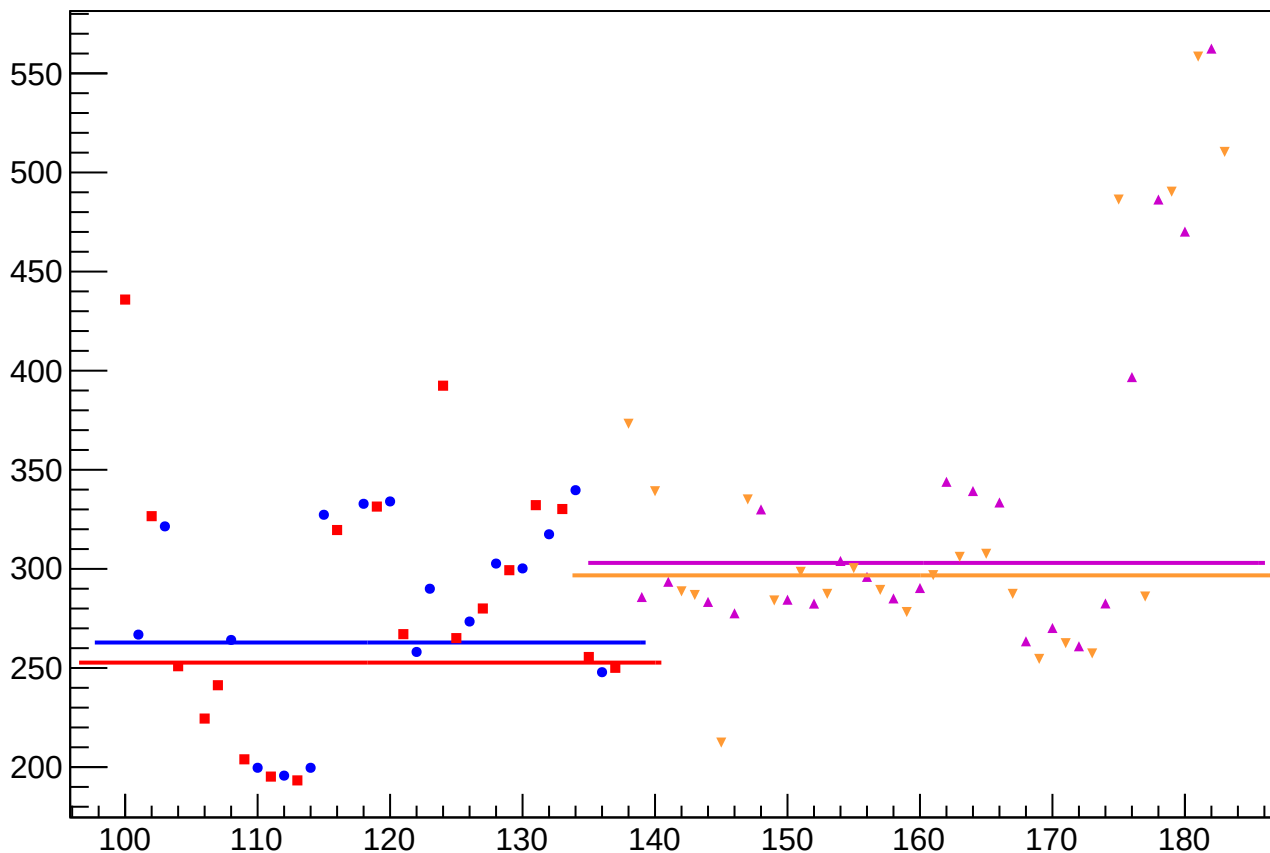
Right: 197.437 $\pm$ 71.038 χ^2/NDF : 31.6/35

In: 262.682 $\pm$ 60.536 χ^2/NDF : 47.0/38

Out: 295.714 $\pm$ 57.779 χ^2/NDF : 33.7/42

All: 279.967 $\pm$ 41.797 χ^2/NDF : 80.9/81

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 $\pm$ 0.073 χ^2 /NDF: 411698.3/16

Left Out: 296.734 $\pm$ 0.051 χ^2 /NDF: 1509514.4/23

Right Out: 252.720 $\pm$ 0.069 χ^2 /NDF: 539727.3/18

Left In: 303.019 $\pm$ 0.053 χ^2 /NDF: 1032821.0/21

Left: 299.748 $\pm$ 0.037 χ^2 /NDF: 2549713.5/45

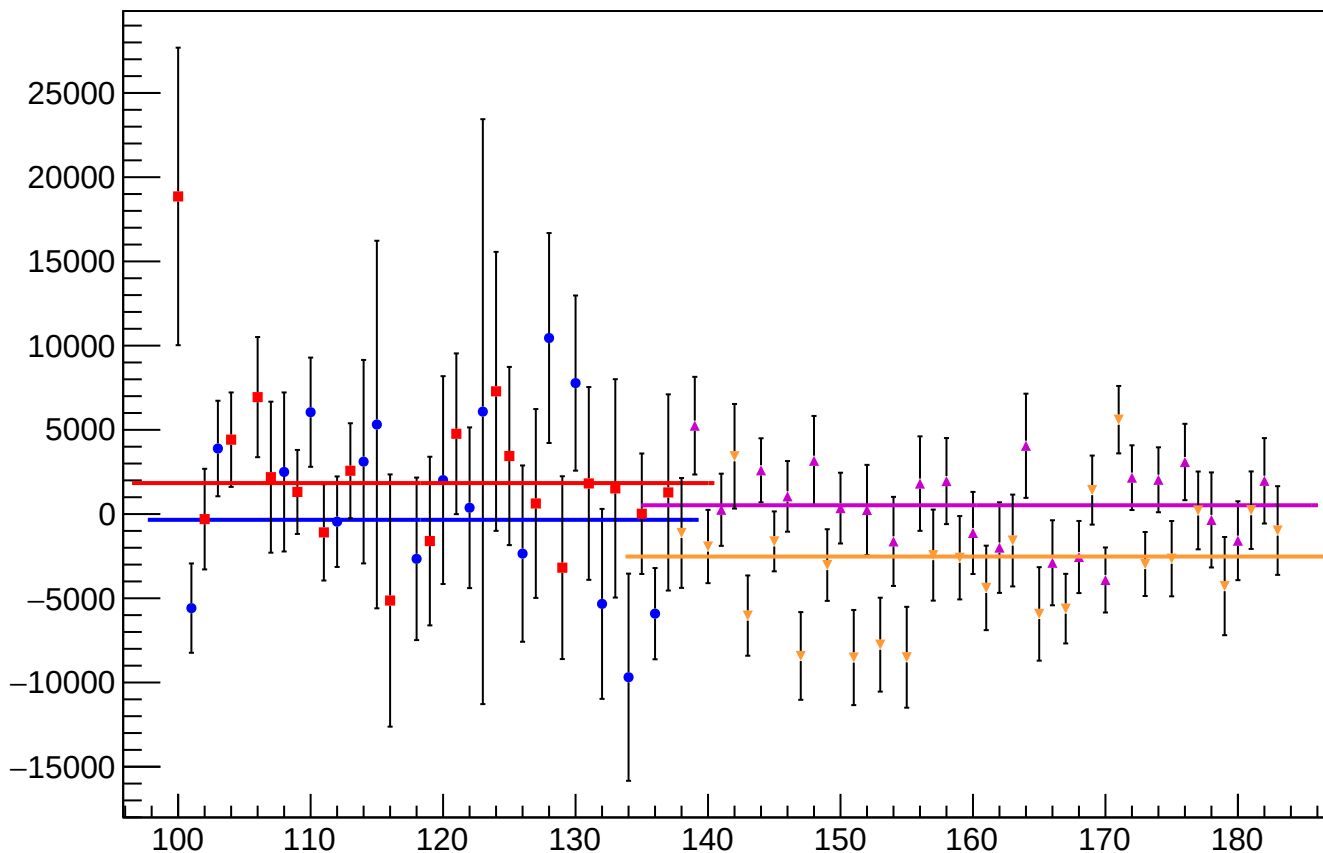
Right: 257.498 $\pm$ 0.050 χ^2 /NDF: 961572.8/35

In: 289.270 $\pm$ 0.043 χ^2 /NDF: 1642717.5/38

Out: 281.343 $\pm$ 0.041 χ^2 /NDF: 2313164.2/42

All: 285.122 $\pm$ 0.030 χ^2 /NDF: 3973824.8/81

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 $\pm$ 1004.635 χ^2/NDF : 24.4/16

Left Out: -2521.563 $\pm$ 488.162 χ^2/NDF : 51.8/23

Right Out: 1840.596 $\pm$ 924.746 χ^2/NDF : 11.7/18

Left In: 522.850 $\pm$ 498.512 χ^2/NDF : 21.8/21

Left: -1031.287 $\pm$ 348.784 χ^2/NDF : 92.6/45

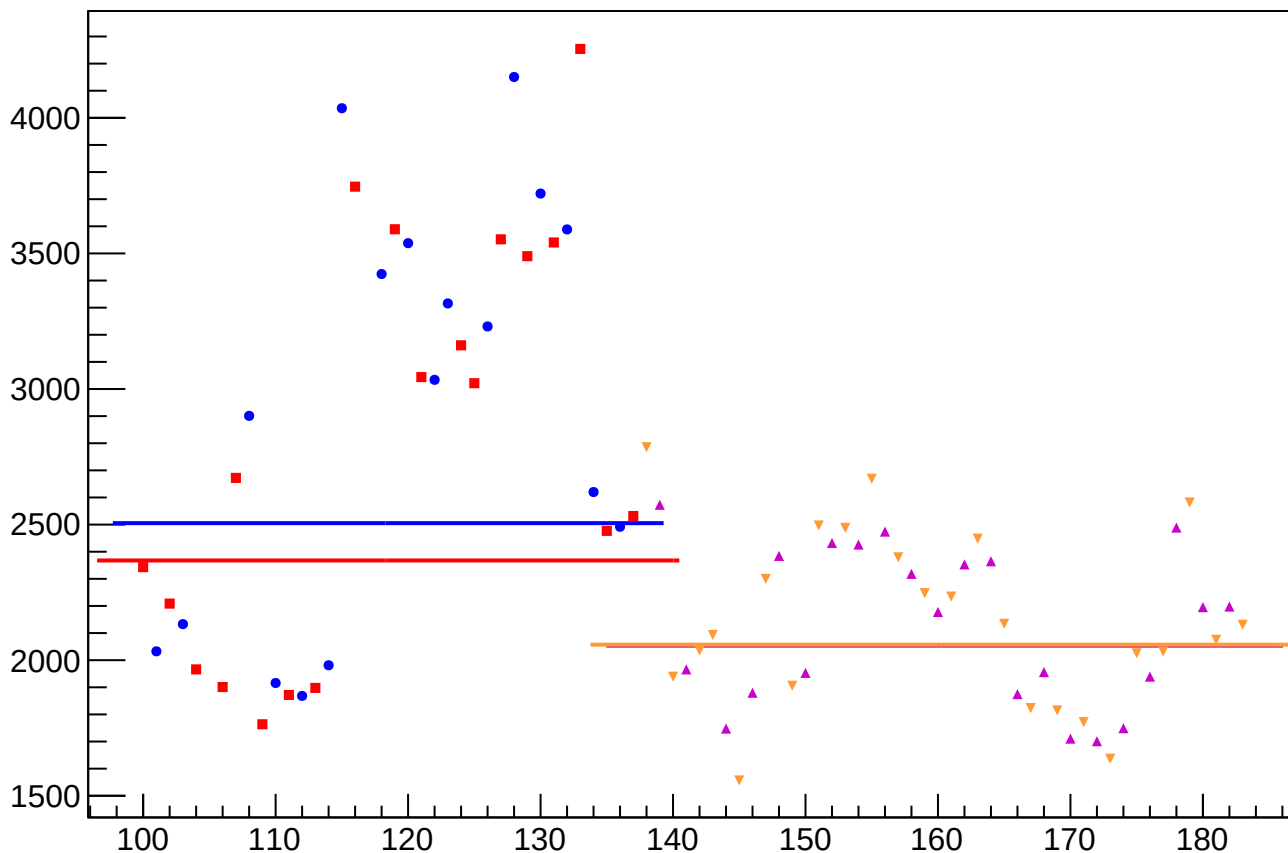
Right: 839.728 $\pm$ 680.387 χ^2/NDF : 38.7/35

In: 352.066 $\pm$ 446.557 χ^2/NDF : 46.8/38

Out: -1570.897 $\pm$ 431.704 χ^2/NDF : 80.9/42

All: -641.928 $\pm$ 310.379 χ^2/NDF : 137.2/81

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2057.270+/-0.345 χ^2/NDF : 824064.2/23

Right Out: 2367.730+/-0.654 χ^2/NDF : 1030895.6/18

Left In: 2053.566+/-0.353 χ^2/NDF : 625923.1/21

Left: 2055.457+/-0.247 χ^2/NDF : 1450043.7/45

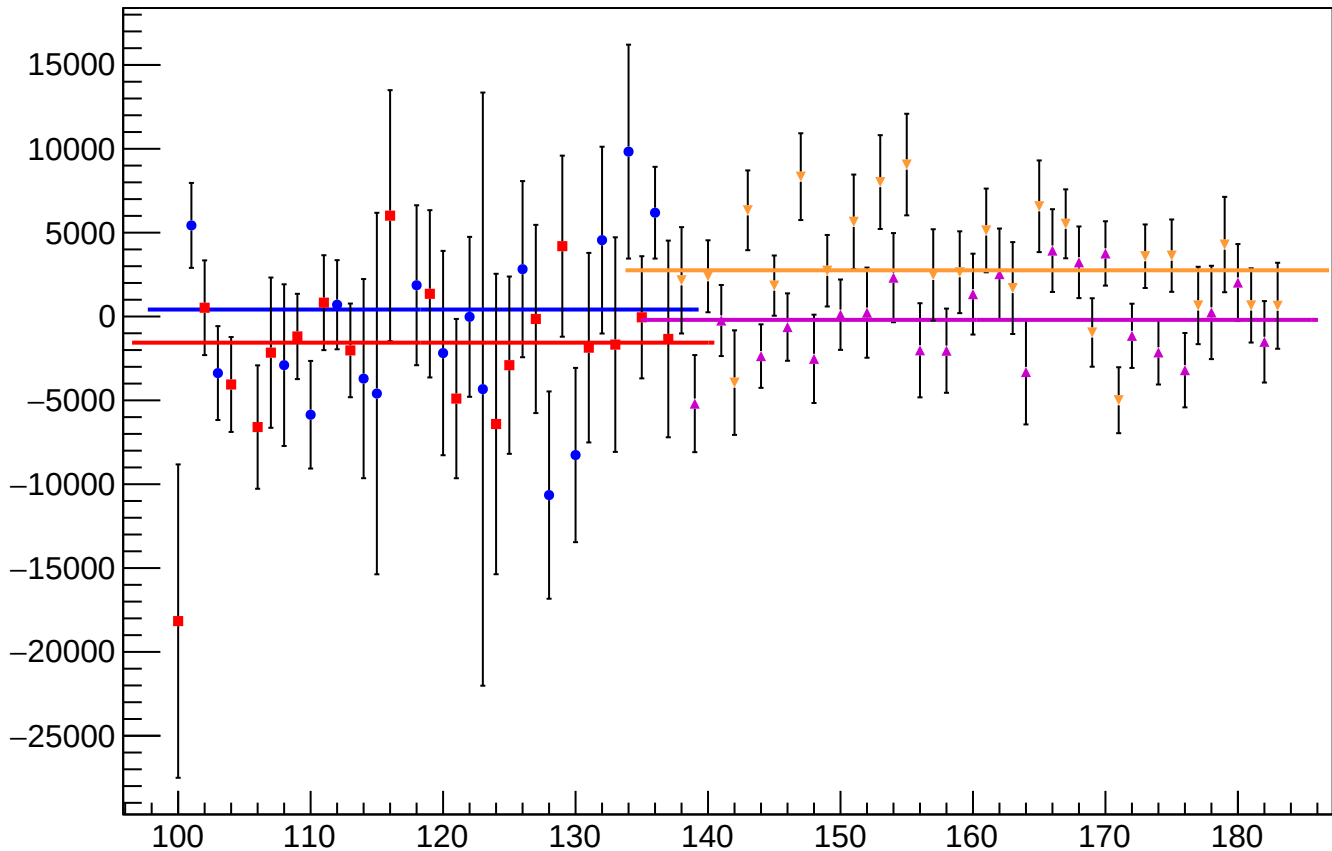
Right: 2430.842+/-0.481 χ^2/NDF : 1915339.5/35

In: 2142.824+/-0.316 χ^2/NDF : 1814574.5/38

Out: 2124.930+/-0.305 χ^2/NDF : 2031254.4/42

All: 2133.575+/-0.219 χ^2/NDF : 3847488.9/81

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 $\pm$ 994.913 χ^2/NDF : 24.5/16

Left Out: 2755.575 $\pm$ 484.204 χ^2/NDF : 47.5/23

Right Out: -1558.787 $\pm$ 924.438 χ^2/NDF : 10.7/18

Left In: -200.781 $\pm$ 493.383 χ^2/NDF : 23.4/21

Left: 1305.152 $\pm$ 345.584 χ^2/NDF : 89.2/45

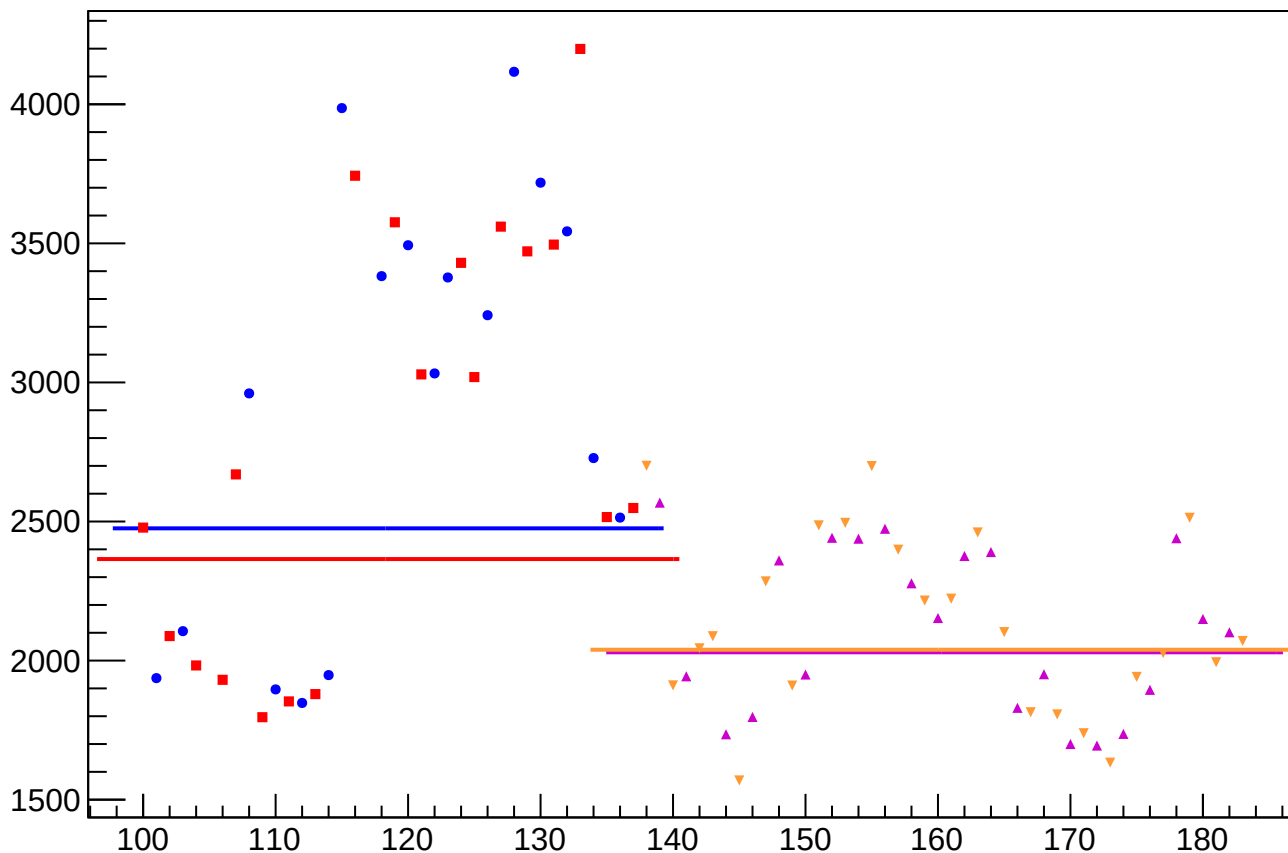
Right: -644.015 $\pm$ 677.222 χ^2/NDF : 37.3/35

In: -79.129 $\pm$ 442.017 χ^2/NDF : 48.2/38

Out: 1826.758 $\pm$ 428.928 χ^2/NDF : 75.3/42

All: 902.450 $\pm$ 307.821 χ^2/NDF : 133.1/81

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2 /NDF: 913073.5/16

Left Out: 2038.995 $\pm$ 0.342 χ^2 /NDF: 809876.0/23

Right Out: 2365.025 $\pm$ 0.654 χ^2 /NDF: 1027171.5/18

Left In: 2029.765 $\pm$ 0.349 χ^2 /NDF: 651300.5/21

Left: 2034.467 $\pm$ 0.244 χ^2 /NDF: 1461533.2/45

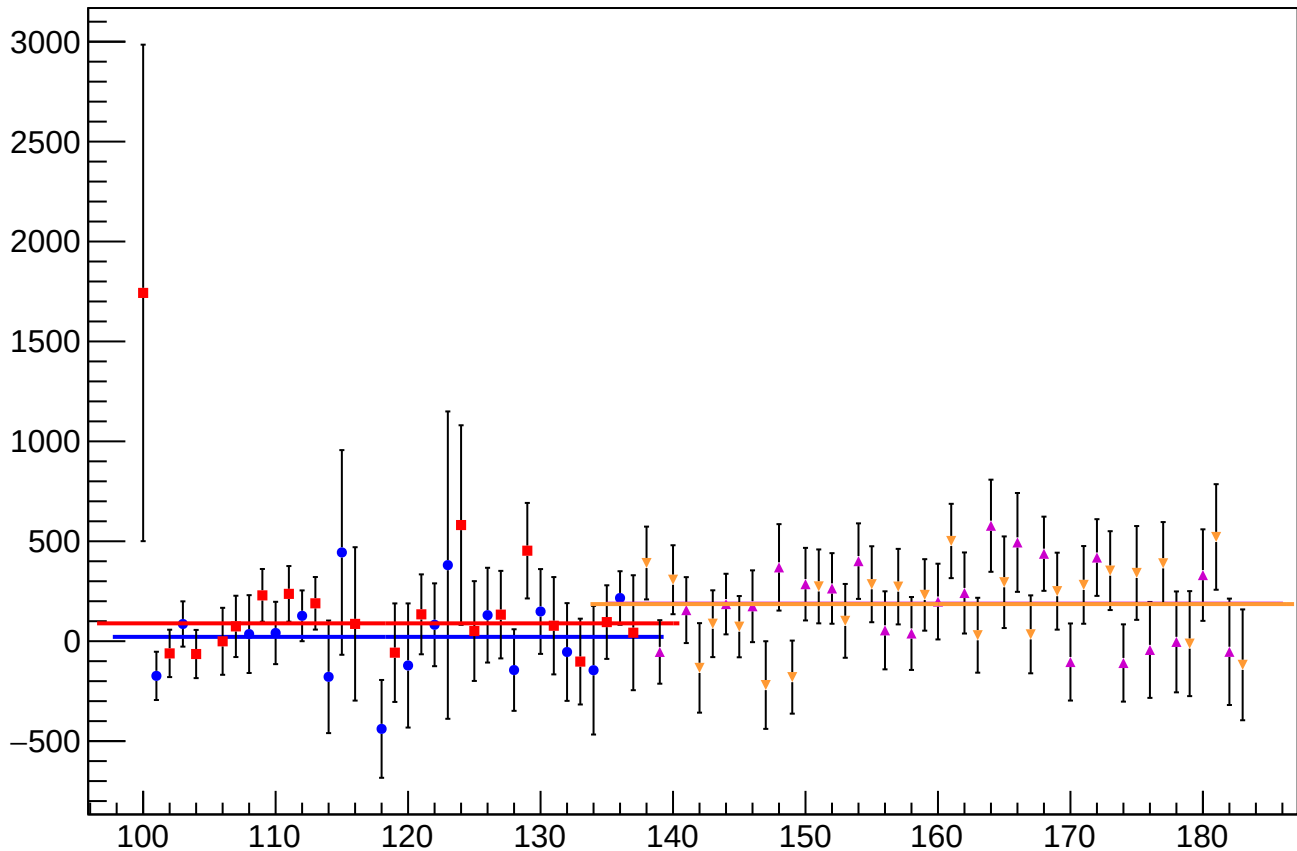
Right: 2416.181 $\pm$ 0.479 χ^2 /NDF: 1953463.4/35

In: 2117.732 $\pm$ 0.313 χ^2 /NDF: 1886477.6/38

Out: 2109.185 $\pm$ 0.303 χ^2 /NDF: 2032256.9/42

All: 2113.330 $\pm$ 0.218 χ^2 /NDF: 3919119.7/81

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 185.685 $\pm$ 40.050 χ^2 /NDF:23.4/23

Right Out: 89.313 $\pm$ 41.803 χ^2 /NDF: 12.7/18

Left In: 187.841 $\pm$ 41.444 χ^2 /NDF:21.0/21

Left: 186.726 $\pm$ 28.800 χ^2 /NDF: 44.4/45

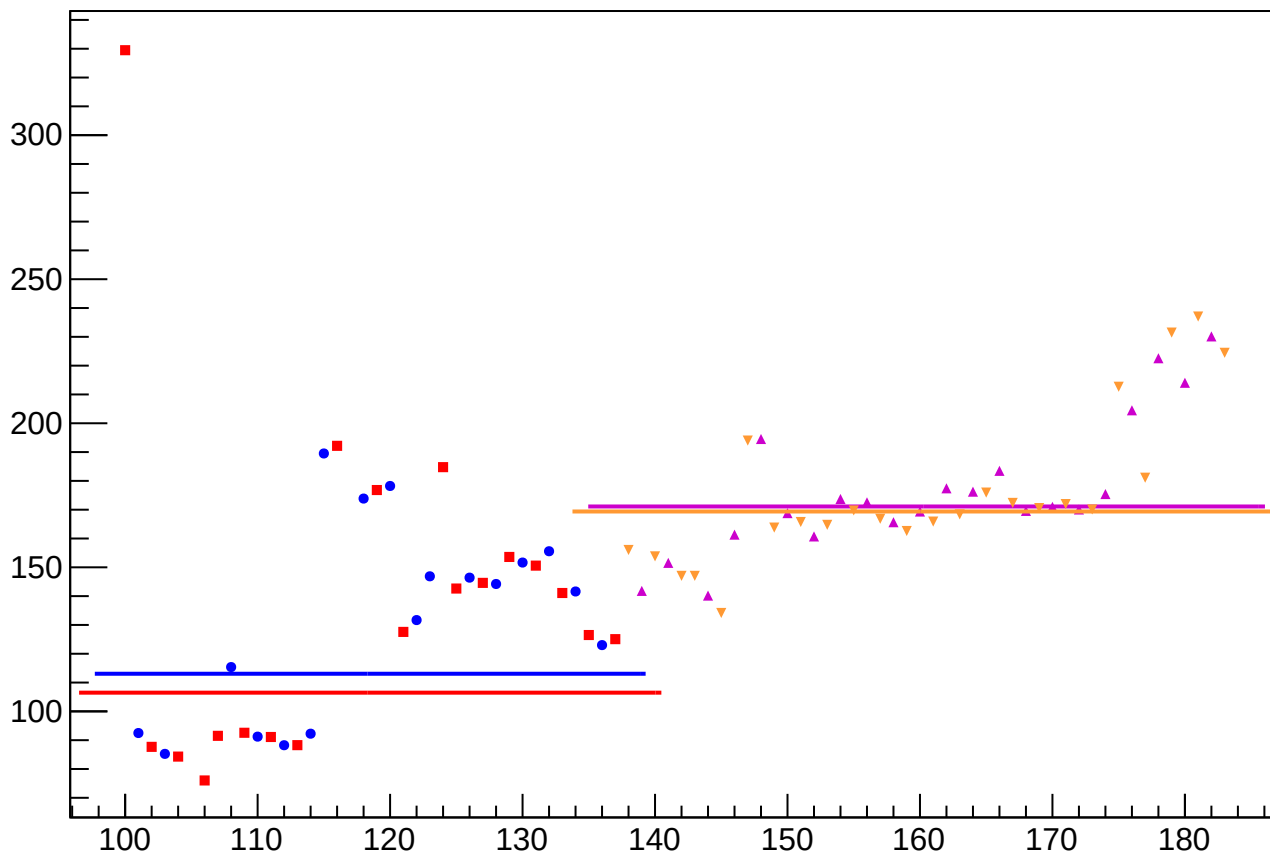
Right: 58.087 $\pm$ 30.676 χ^2 /NDF: 26.5/35

In: 111.856 $\pm$ 30.534 χ^2 /NDF:41.0/38

Out: 139.562 $\pm$ 28.919 χ^2 /NDF:38.9/42

All: 126.461 $\pm$ 20.997 χ^2 /NDF: 80.3/81

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2 /NDF: 820795.9/16

Left Out: 169.377 $\pm$ 0.028 χ^2 /NDF: 620325.8/23

Right Out: 106.493 $\pm$ 0.030 χ^2 /NDF: 1016224.6/18

Left In: 171.116 $\pm$ 0.029 χ^2 /NDF: 517970.1/21

Left: 170.217 $\pm$ 0.020 χ^2 /NDF: 1140115.9/45

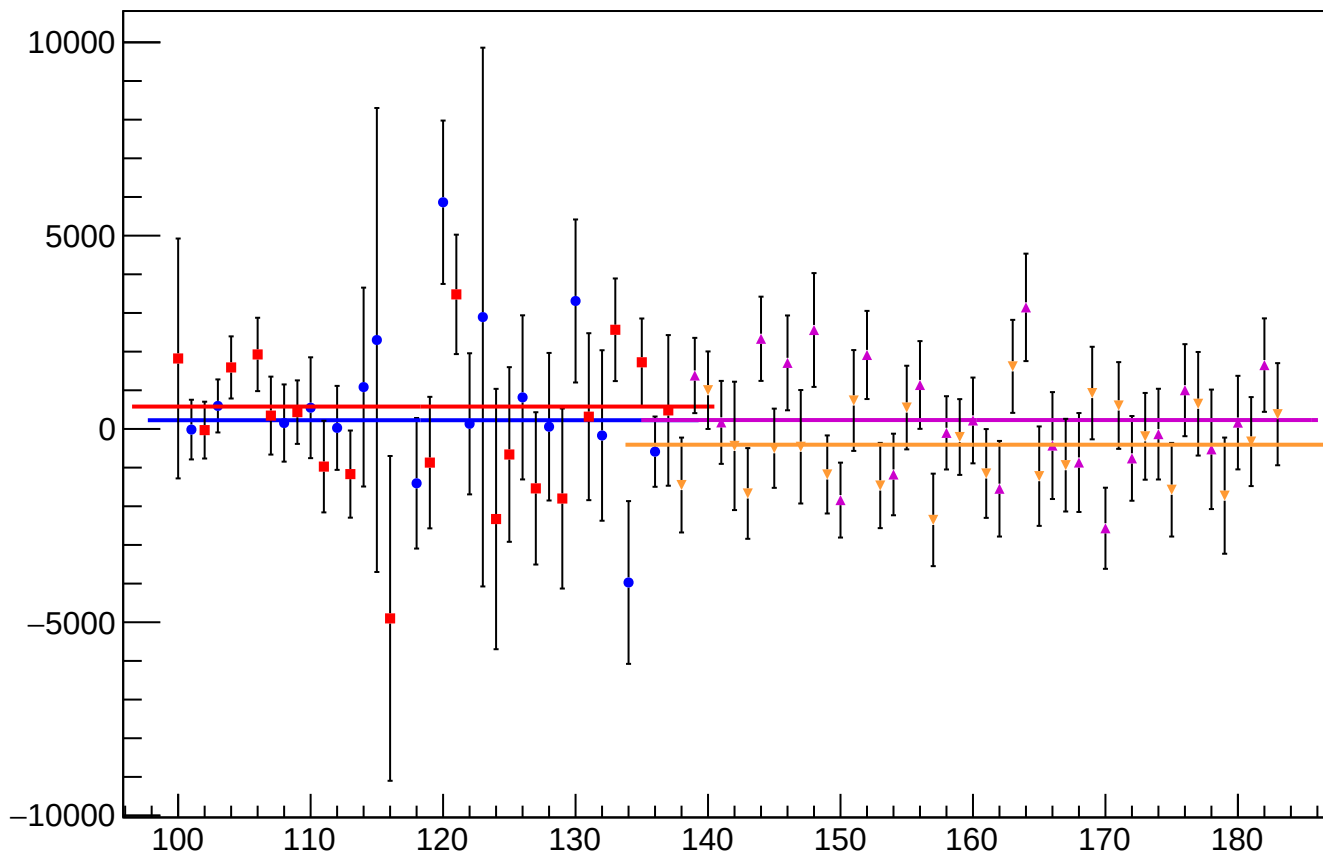
Right: 109.523 $\pm$ 0.022 χ^2 /NDF: 1859790.1/35

In: 144.571 $\pm$ 0.022 χ^2 /NDF: 3133193.4/38

Out: 139.281 $\pm$ 0.020 χ^2 /NDF: 3996374.5/42

All: 141.783 $\pm$ 0.015 χ^2 /NDF: 7161218.1/81

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2/NDF : 16.0/16

Left Out: -407.531 $\pm$ 241.127 χ^2/NDF :18.2/23

Right Out: 579.018 $\pm$ 289.235 χ^2/NDF : 21.1/18

Left In: 230.223 $\pm$ 245.500 χ^2/NDF :35.9/21

Left: -94.384 $\pm$ 172.028 χ^2/NDF : 57.6/45

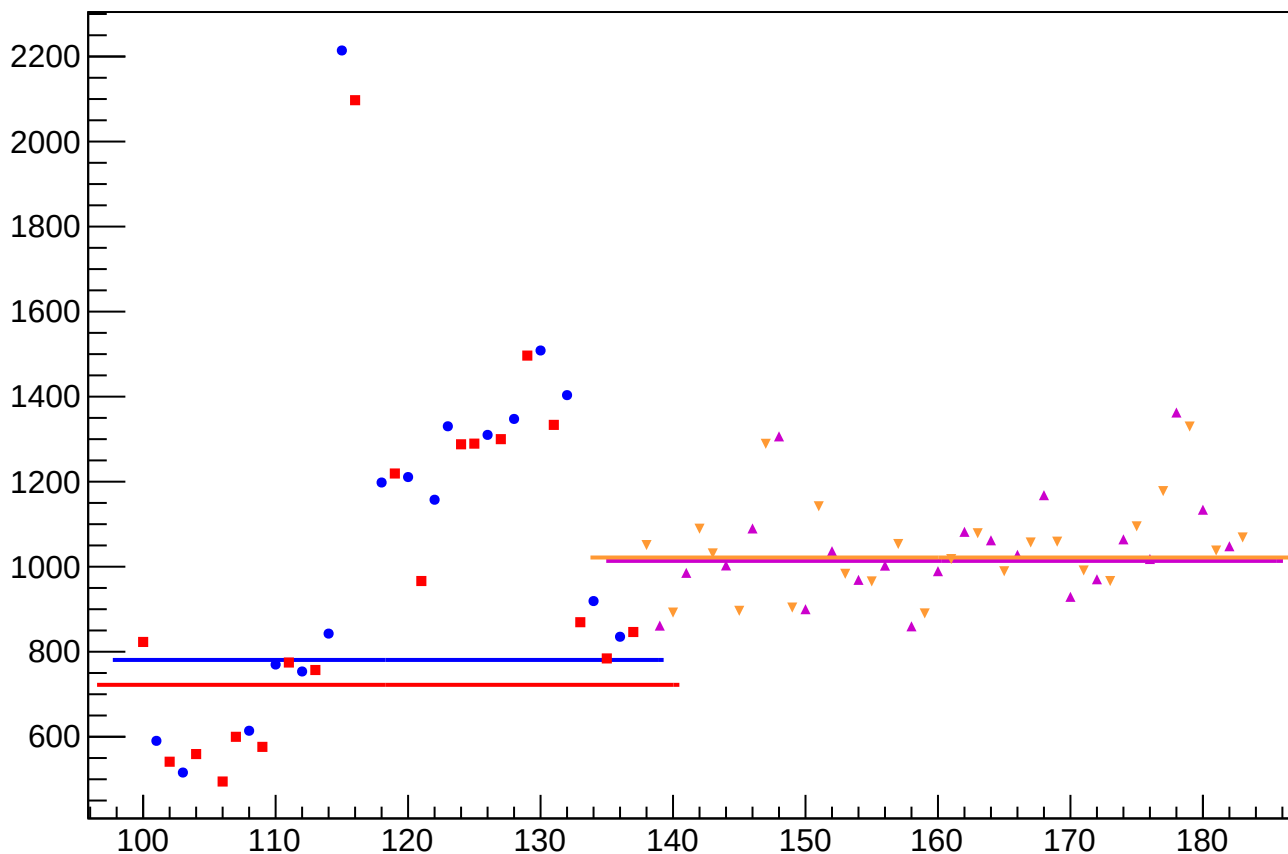
Right: 420.896 $\pm$ 214.998 χ^2/NDF : 37.8/35

In: 228.533 $\pm$ 195.098 χ^2/NDF :51.8/38

Out: -3.013 $\pm$ 185.208 χ^2/NDF :46.2/42

All: 106.742 $\pm$ 134.322 χ^2/NDF : 98.8/81

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 1021.631 $\pm$ 0.171 χ^2 /NDF:361199.4/23

Right Out: 722.148 $\pm$ 0.205 χ^2 /NDF: 1628760.4/18

Left In: 1013.671 $\pm$ 0.174 χ^2 /NDF:404358.3/21

Left: 1017.722 $\pm$ 0.122 χ^2 /NDF: 766627.9/45

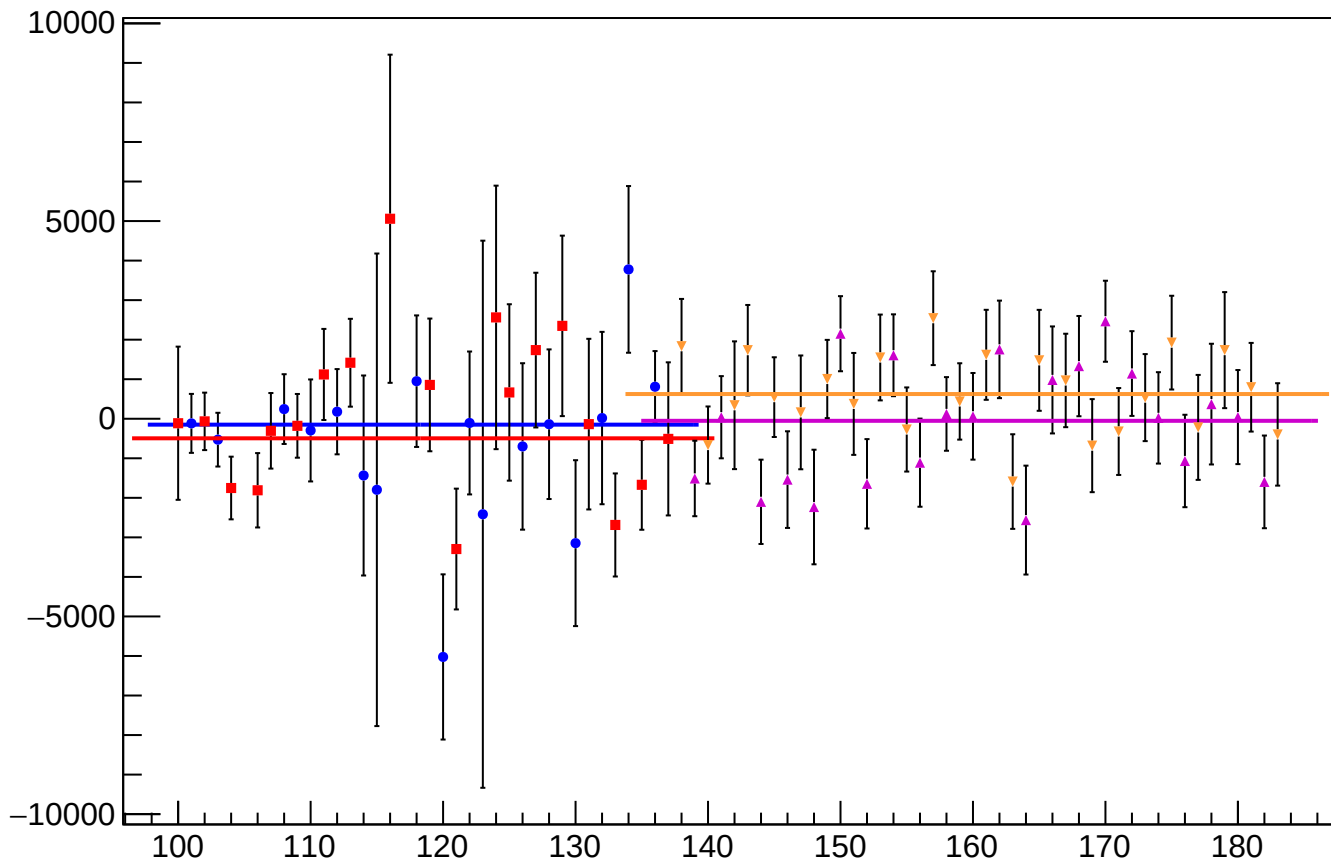
Right: 748.347 $\pm$ 0.152 χ^2 /NDF: 3274944.8/35

In: 927.832 $\pm$ 0.138 χ^2 /NDF:2677479.6/38

Out: 898.833 $\pm$ 0.131 χ^2 /NDF:3254987.1/42

All: 912.579 $\pm$ 0.095 χ^2 /NDF: 5955707.9/81

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 625.002 ± 236.930 $\chi^2/\text{NDF}: 17.6/23$

Right Out: -494.856 ± 282.721 $\chi^2/\text{NDF}: 23.7/18$

Left In: -52.221 ± 241.221 $\chi^2/\text{NDF}: 37.8/21$

Left: 292.468 ± 169.032 $\chi^2/\text{NDF}: 59.4/45$

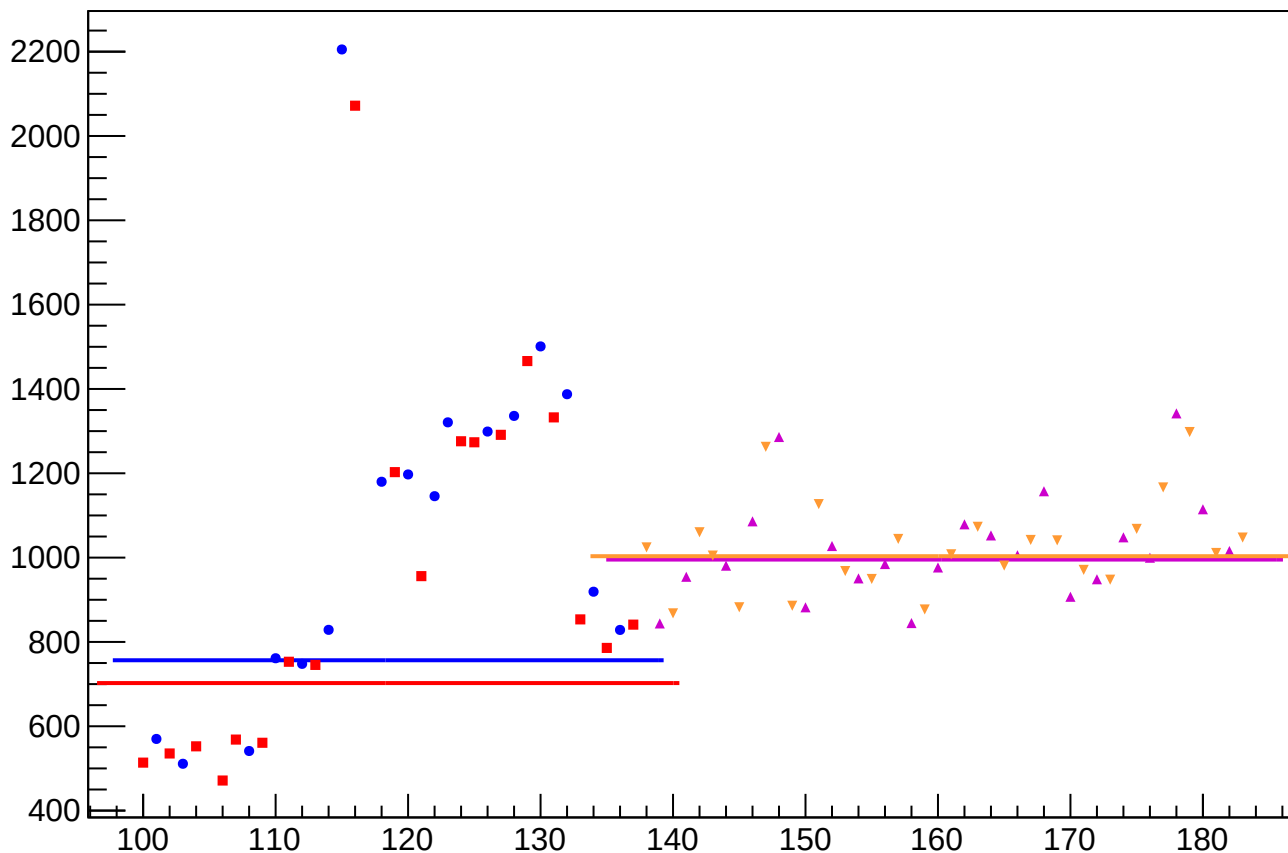
Right: -339.515 ± 209.793 $\chi^2/\text{NDF}: 40.5/35$

In: -88.349 ± 191.056 $\chi^2/\text{NDF}: 54.0/38$

Out: 162.994 ± 181.594 $\chi^2/\text{NDF}: 50.5/42$

All: 43.700 ± 131.624 $\chi^2/\text{NDF}: 105.4/81$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF : 1713642.0/16

Left Out: 1003.344+/-0.168 χ^2/NDF : 363624.7/23

Right Out: 702.444+/-0.200 χ^2/NDF : 1689393.5/18

Left In: 995.366+/-0.171 χ^2/NDF : 424327.0/21

Left: 999.427+/-0.120 χ^2/NDF : 789065.3/45

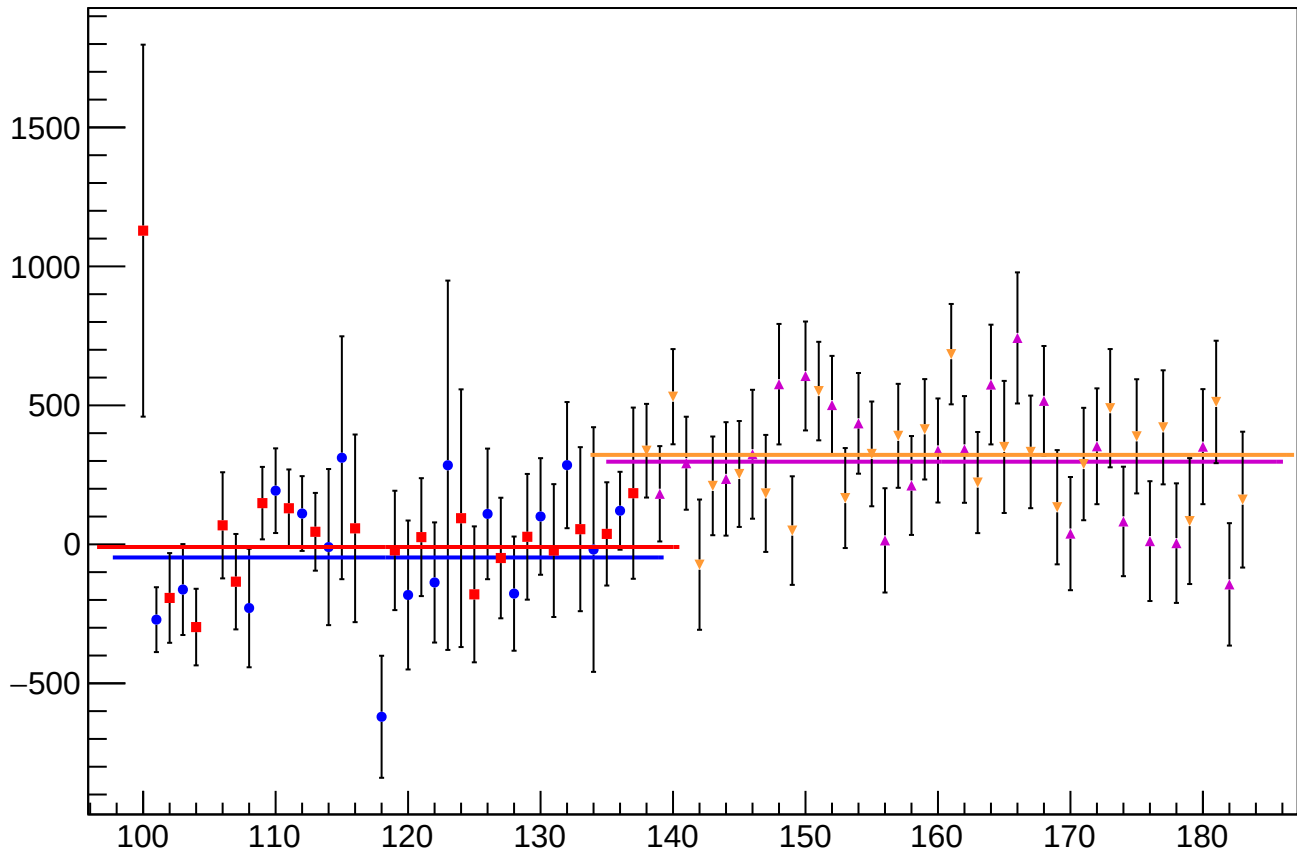
Right: 726.752+/-0.148 χ^2/NDF : 3435937.4/35

In: 906.360+/-0.135 χ^2/NDF : 2868603.4/38

Out: 879.205+/-0.128 χ^2/NDF : 3383849.9/42

All: 892.093+/-0.093 χ^2/NDF : 6273679.9/81

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 321.903 ± 40.055 $\chi^2/\text{NDF}: 18.5/23$

Right Out: -9.507 ± 44.749 $\chi^2/\text{NDF}: 13.0/18$

Left In: 297.343 ± 42.142 $\chi^2/\text{NDF}: 26.2/21$

Left: 310.246 ± 29.033 $\chi^2/\text{NDF}: 44.9/45$

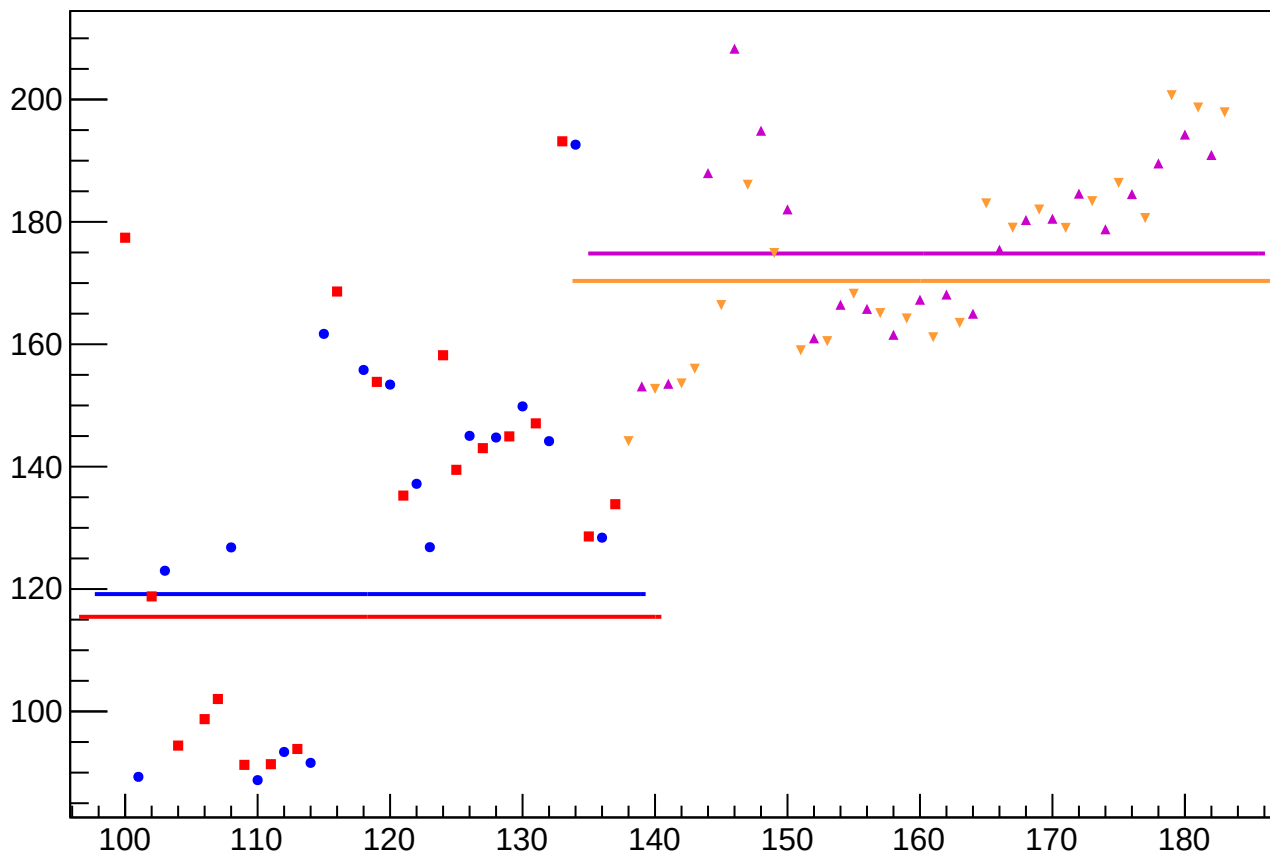
Right: -27.302 ± 32.497 $\chi^2/\text{NDF}: 35.3/35$

In: 144.779 ± 31.456 $\chi^2/\text{NDF}: 77.7/38$

Out: 174.486 ± 29.845 $\chi^2/\text{NDF}: 62.0/42$

All: 160.413 ± 21.651 $\chi^2/\text{NDF}: 140.2/81$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 170.354+/-0.028 χ^2/NDF : 270906.9/23

Right Out: 115.466+/-0.032 χ^2/NDF : 692783.7/18

Left In: 174.832+/-0.030 χ^2/NDF : 226557.7/21

Left: 172.479+/-0.021 χ^2/NDF : 509328.3/45

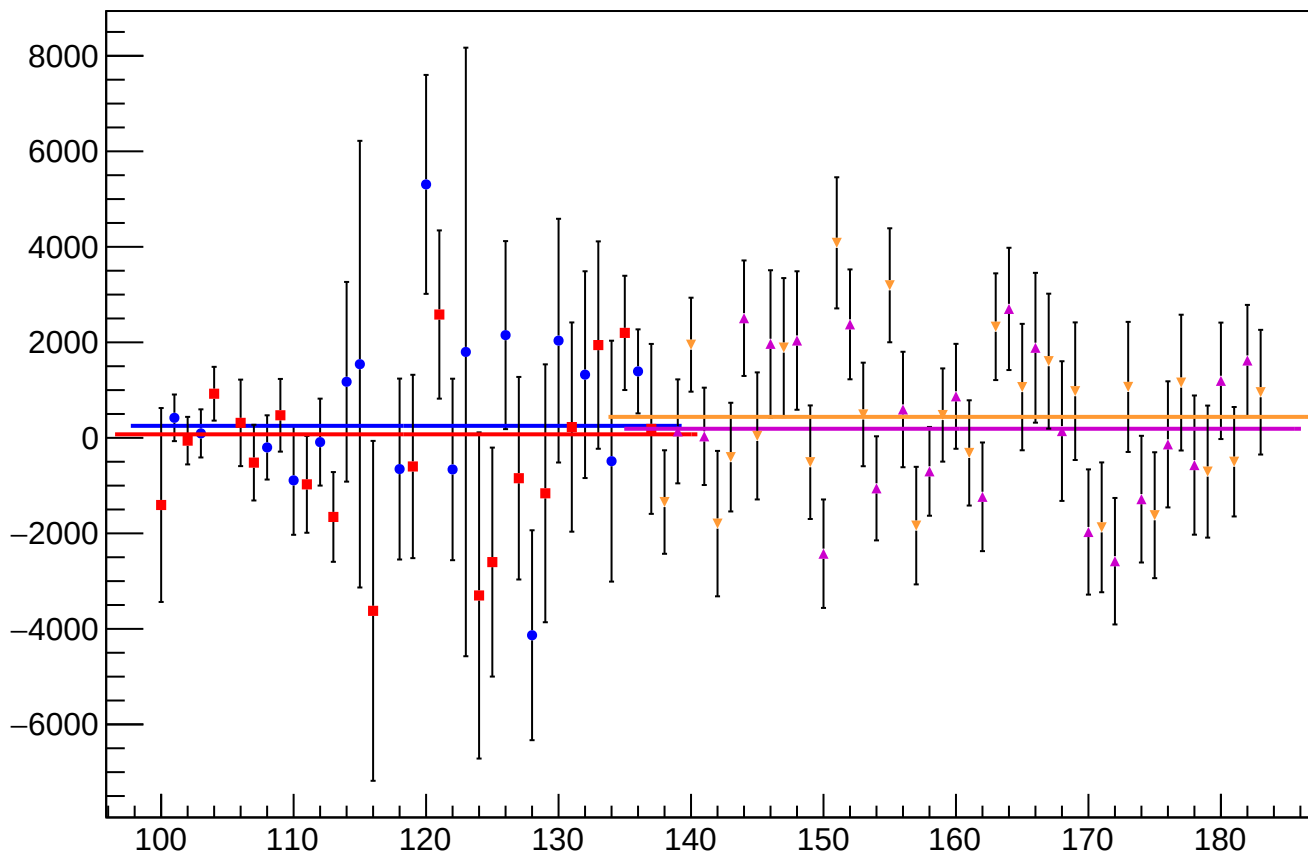
Right: 117.219+/-0.023 χ^2/NDF : 1314582.7/35

In: 150.184+/-0.022 χ^2/NDF : 2386727.4/38

Out: 145.939+/-0.021 χ^2/NDF : 2634244.1/42

All: 147.950+/-0.015 χ^2/NDF : 5040142.4/81

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 439.473+/-251.392 χ^2/NDF : 37.0/23

Right Out: 74.126+/-243.967 χ^2/NDF : 18.0/18

Left In: 190.356+/-259.397 χ^2/NDF : 35.7/21

Left: 318.817+/-180.525 χ^2/NDF : 73.2/45

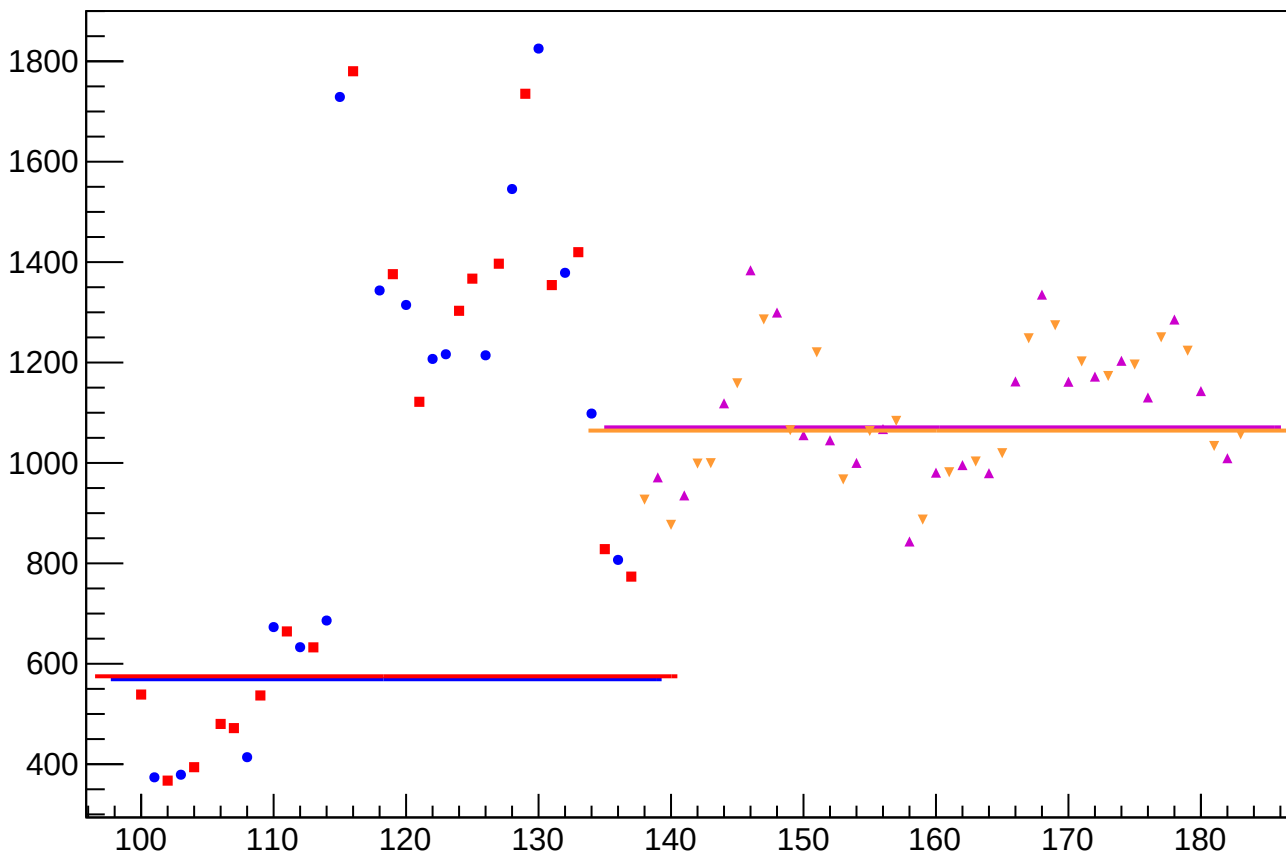
Right: 159.765+/-175.557 χ^2/NDF : 33.1/35

In: 221.832+/-181.051 χ^2/NDF : 50.6/38

Out: 251.324+/-175.077 χ^2/NDF : 56.1/42

All: 237.073+/-125.857 χ^2/NDF : 106.7/81

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1064.472 $\pm$ 0.178 χ^2 /NDF: 491111.3/23

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

Left In: 1070.833 $\pm$ 0.183 χ^2 /NDF: 522758.2/21

Left: 1067.553 $\pm$ 0.128 χ^2 /NDF: 1014489.6/45

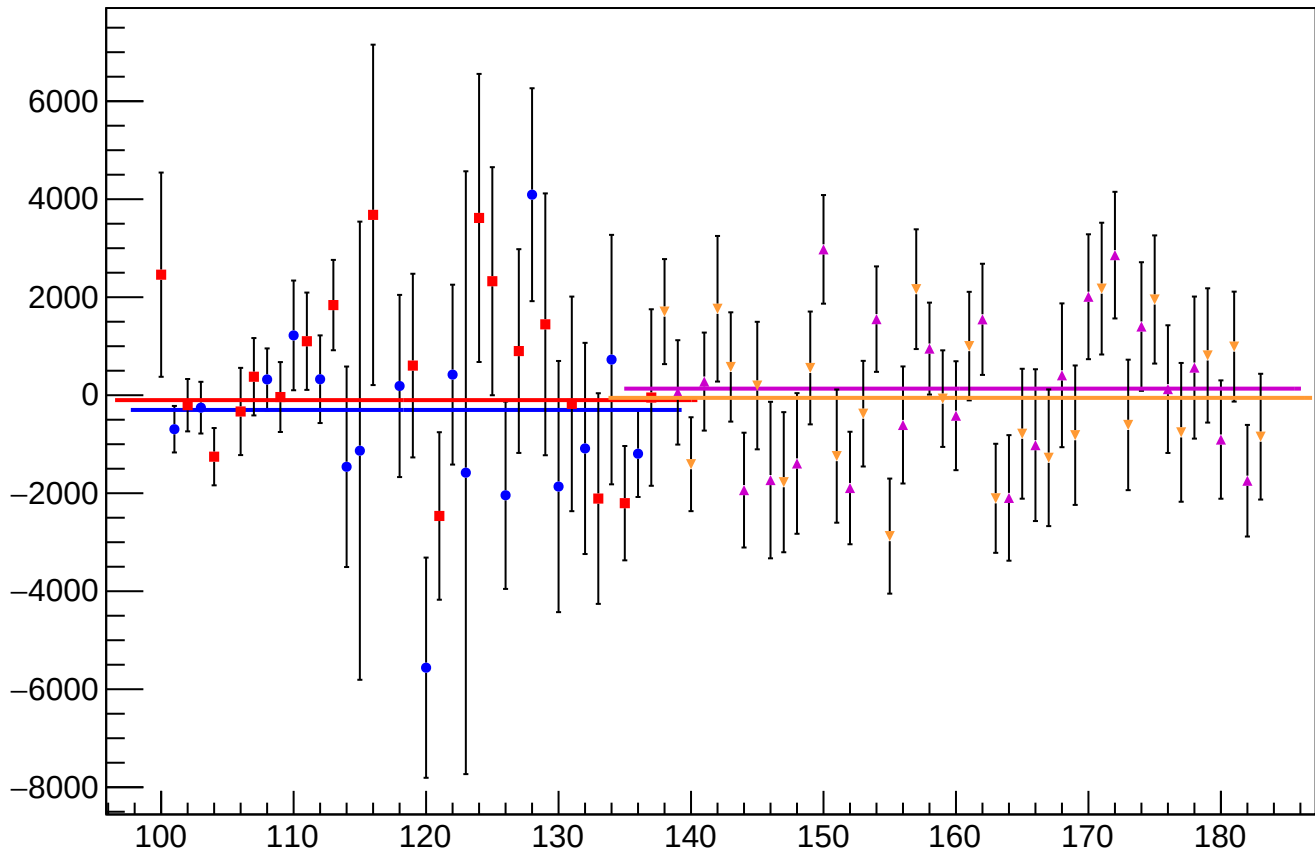
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 813.576 $\pm$ 0.128 χ^2 /NDF: 7625587.8/38

Out: 812.427 $\pm$ 0.124 χ^2 /NDF: 7453821.0/42

All: 812.982 $\pm$ 0.089 χ^2 /NDF: 15079450.4/83

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: -54.179 ± 248.357 χ^2/NDF : 31.0/23

Right Out: -99.947 ± 245.961 χ^2/NDF : 22.4/18

Left In: 134.433 ± 256.879 χ^2/NDF : 34.7/21

Left: 36.947 ± 178.552 χ^2/NDF : 66.1/45

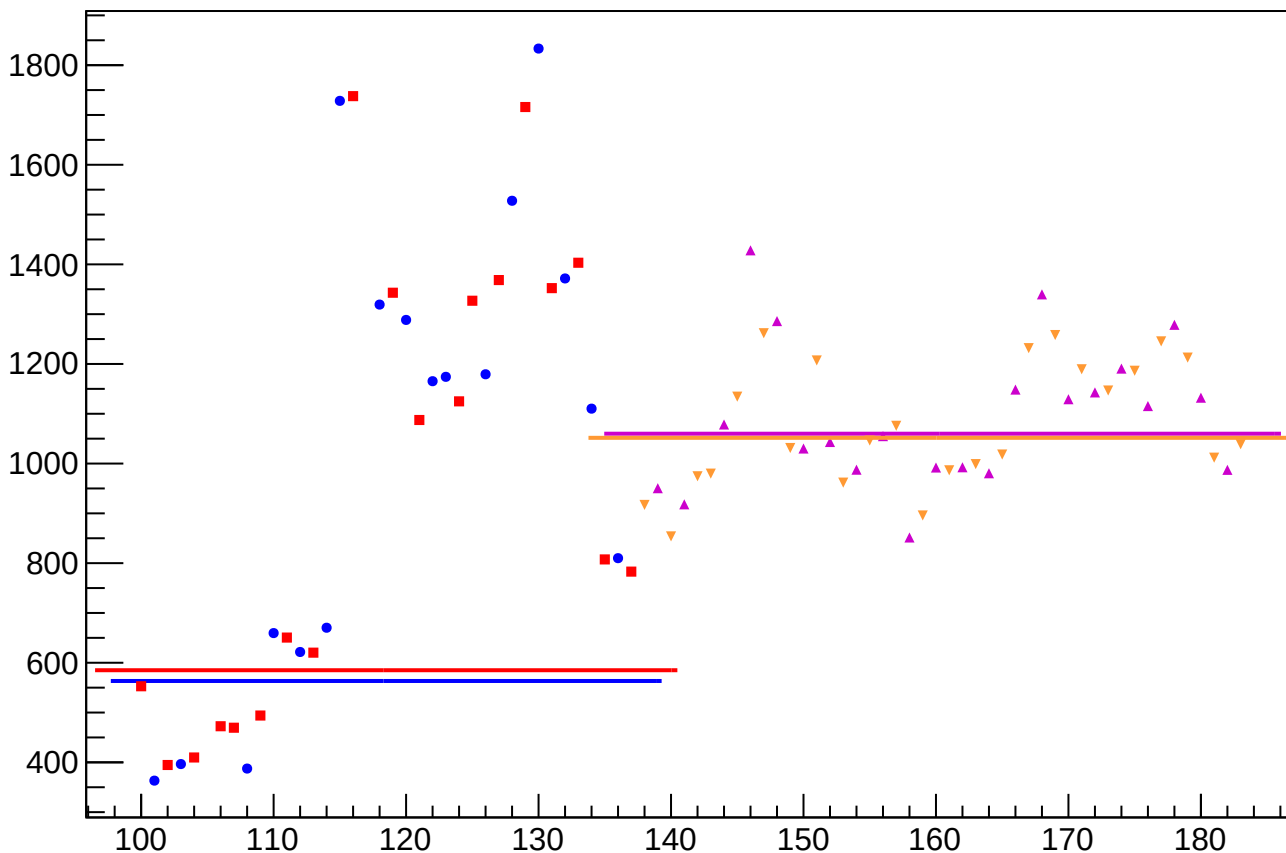
Right: -198.544 ± 175.435 χ^2/NDF : 39.4/35

In: -88.750 ± 179.270 χ^2/NDF : 52.9/38

Out: -77.285 ± 174.762 χ^2/NDF : 53.4/42

All: -82.871 ± 125.139 χ^2/NDF : 106.4/81

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 1051.674+/-0.176 χ^2/NDF : 481792.4/23

Right Out: 584.984+/-0.174 χ^2/NDF : 2818628.0/18

Left In: 1059.946+/-0.182 χ^2/NDF : 527315.5/21

Left: 1055.671+/-0.126 χ^2/NDF : 1010179.6/45

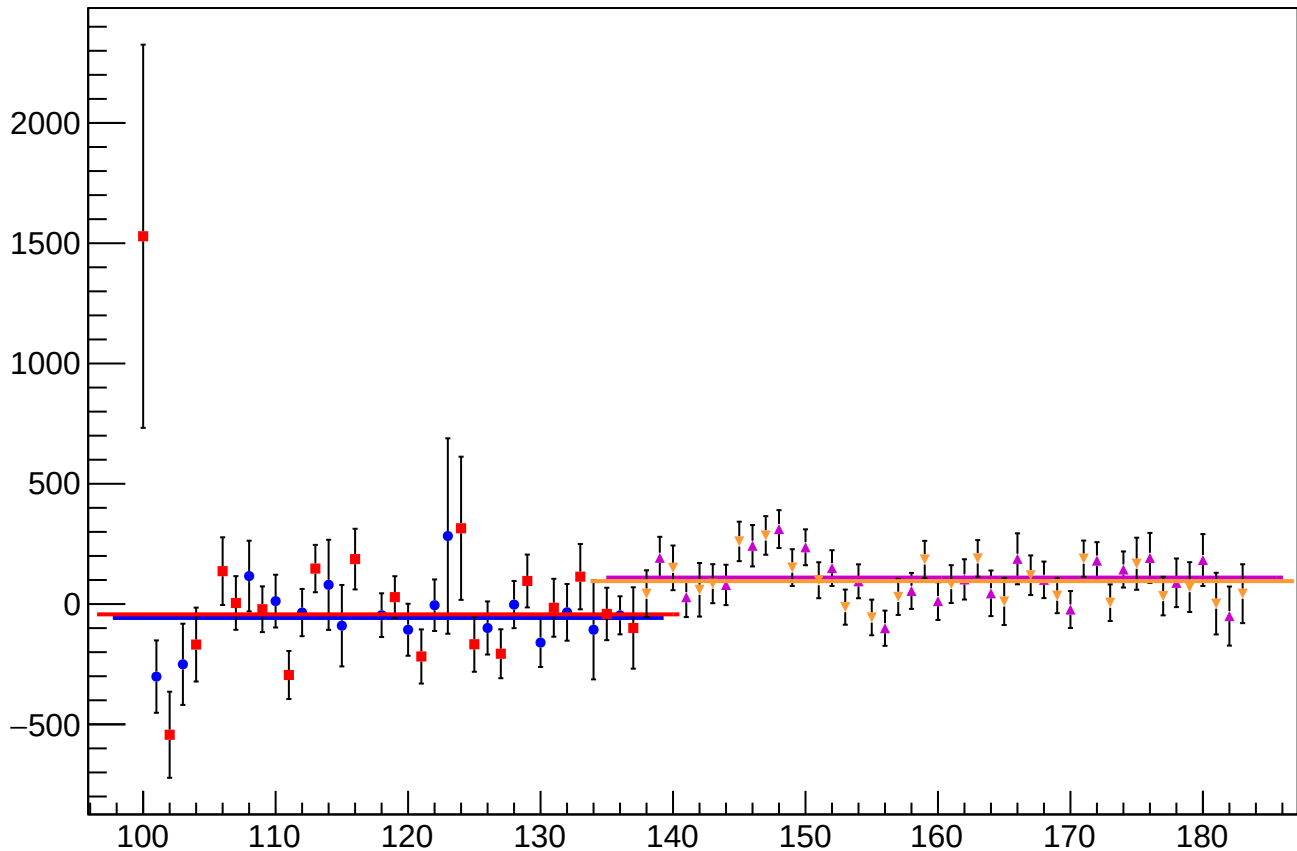
Right: 574.377+/-0.124 χ^2/NDF : 6085244.2/35

In: 805.232+/-0.127 χ^2/NDF : 7619828.5/38

Out: 816.066+/-0.124 χ^2/NDF : 6865715.0/42

All: 810.787+/-0.088 χ^2/NDF : 14489288.8/83

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 χ^2/NDF : 9.1/16

Left Out: 95.358 ± 17.119 χ^2/NDF : 27.3/23

Right Out: -42.790 ± 27.694 χ^2/NDF : 39.1/18

Left In: 110.052 ± 17.721 χ^2/NDF : 32.4/21

Left: 102.451 ± 12.312 χ^2/NDF : 60.1/45

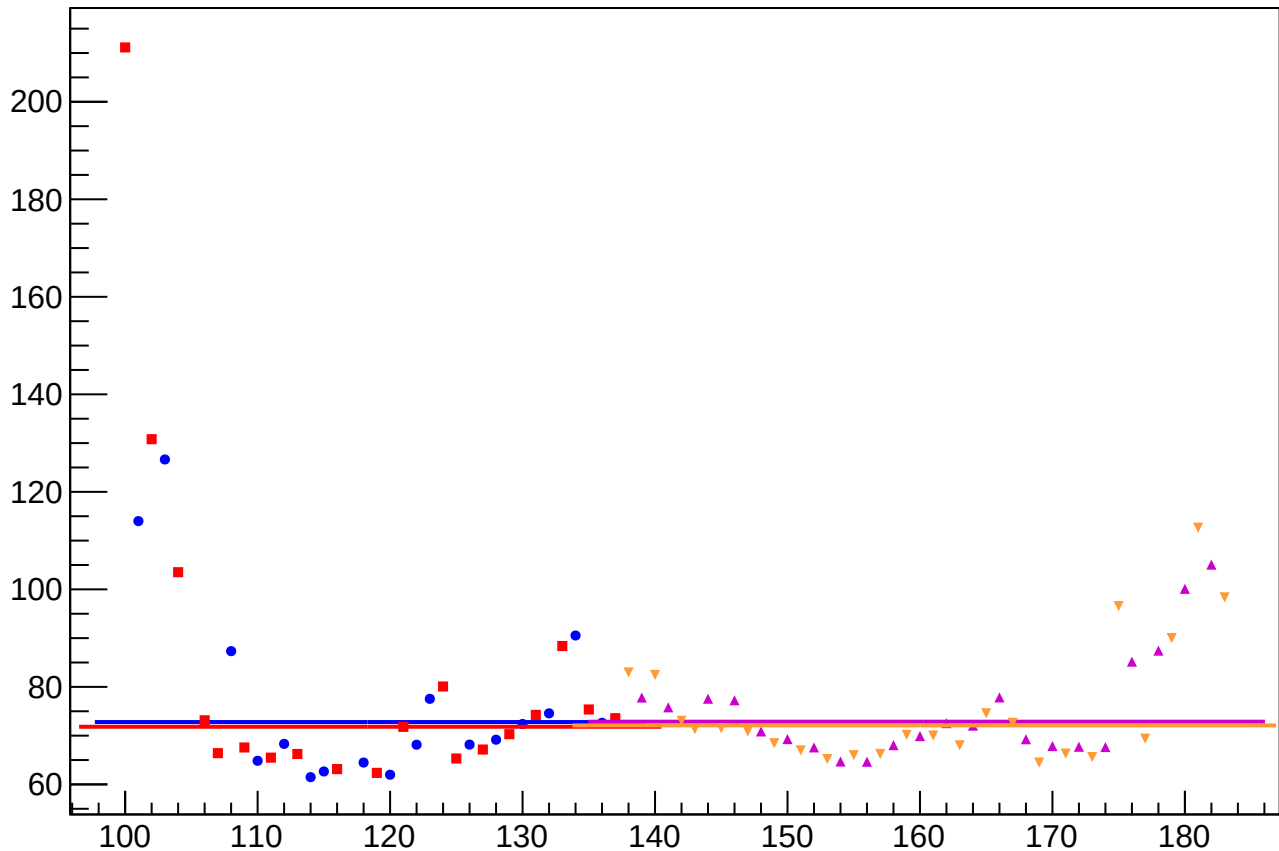
Right: -49.985 ± 19.927 χ^2/NDF : 48.4/35

In: 63.730 ± 15.077 χ^2/NDF : 66.3/38

Out: 57.165 ± 14.562 χ^2/NDF : 84.4/42

All: 60.333 ± 10.474 χ^2/NDF : 150.8/81

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 72.096 $\pm$ 0.012 χ^2 /NDF:623183.7/23

Right Out: 71.824 $\pm$ 0.020 χ^2 /NDF: 465654.1/18

Left In: 72.861 $\pm$ 0.013 χ^2 /NDF:470561.1/21

Left: 72.466 $\pm$ 0.009 χ^2 /NDF: 1095671.1/45

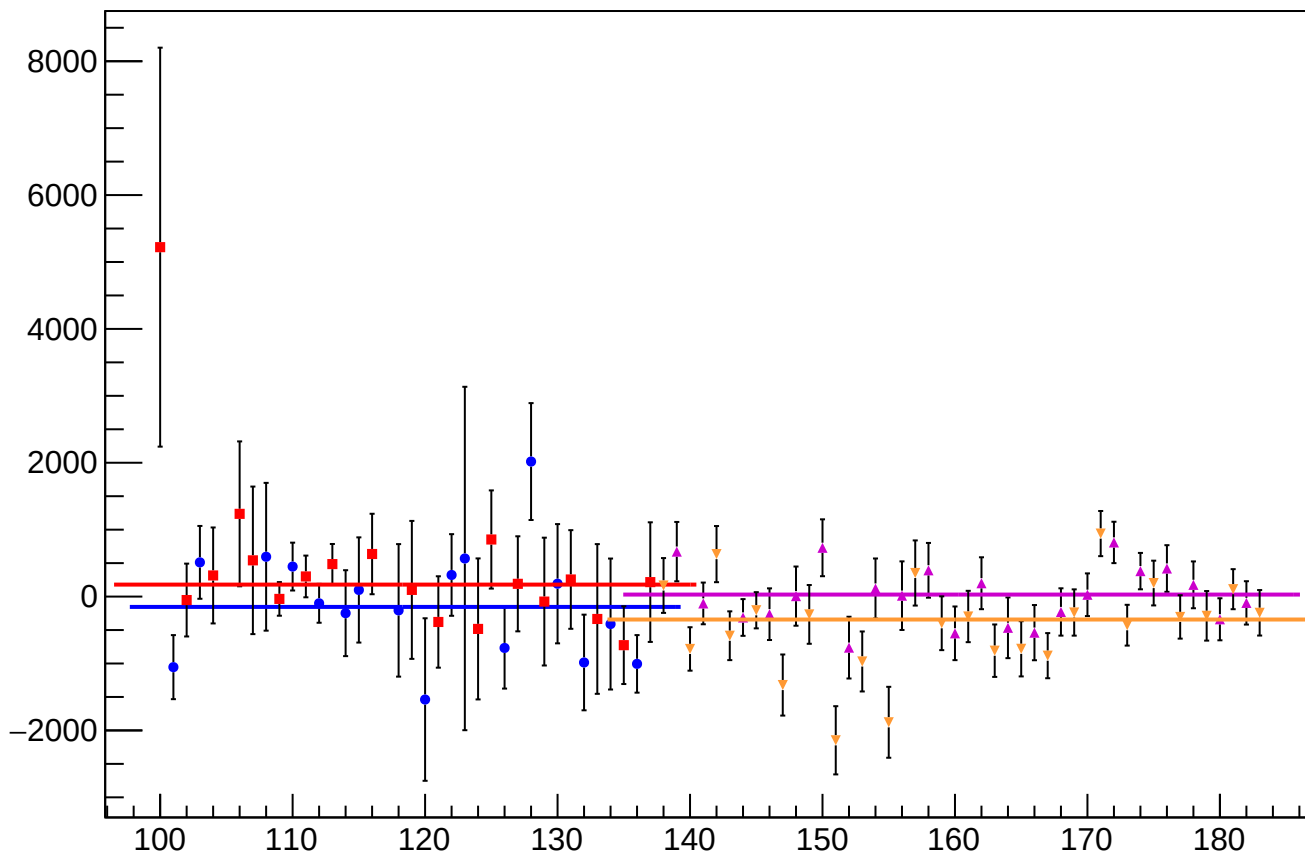
Right: 72.290 $\pm$ 0.014 χ^2 /NDF: 931600.5/35

In: 72.841 $\pm$ 0.011 χ^2 /NDF:935343.0/38

Out: 72.021 $\pm$ 0.010 χ^2 /NDF:1088978.0/42

All: 72.417 $\pm$ 0.007 χ^2 /NDF: 2027384.3/81

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404+/-140.700 χ^2/NDF : 23.2/16

Left Out: -342.761+/-75.255 χ^2/NDF : 63.9/23

Right Out: 179.068+/-126.107 χ^2/NDF : 11.3/18

Left In: 30.029+/-77.393 χ^2/NDF : 27.8/21

Left: -161.586+/-53.953 χ^2/NDF : 103.6/45

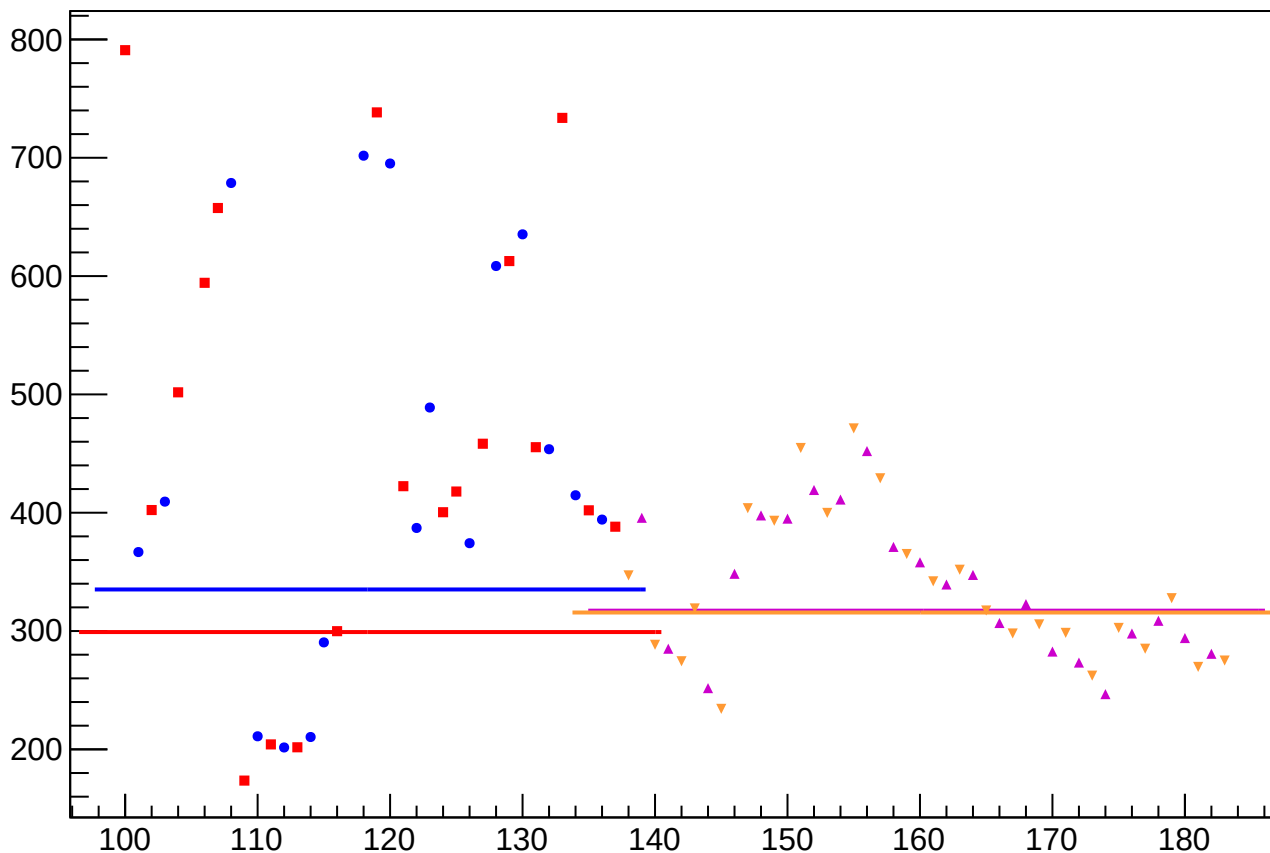
Right: 30.517+/-93.908 χ^2/NDF : 37.6/35

In: -12.811+/-67.812 χ^2/NDF : 52.3/38

Out: -205.728+/-64.623 χ^2/NDF : 87.8/42

All: -113.912+/-46.782 χ^2/NDF : 144.4/81

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134 $\pm$ 0.099 χ^2/NDF : 1994045.2/16

Left Out: 315.660 $\pm$ 0.053 χ^2/NDF : 1093133.5/23

Right Out: 299.135 $\pm$ 0.089 χ^2/NDF : 2831089.8/18

Left In: 317.215 $\pm$ 0.055 χ^2/NDF : 982400.0/21

Left: 316.416 $\pm$ 0.038 χ^2/NDF : 2075948.5/45

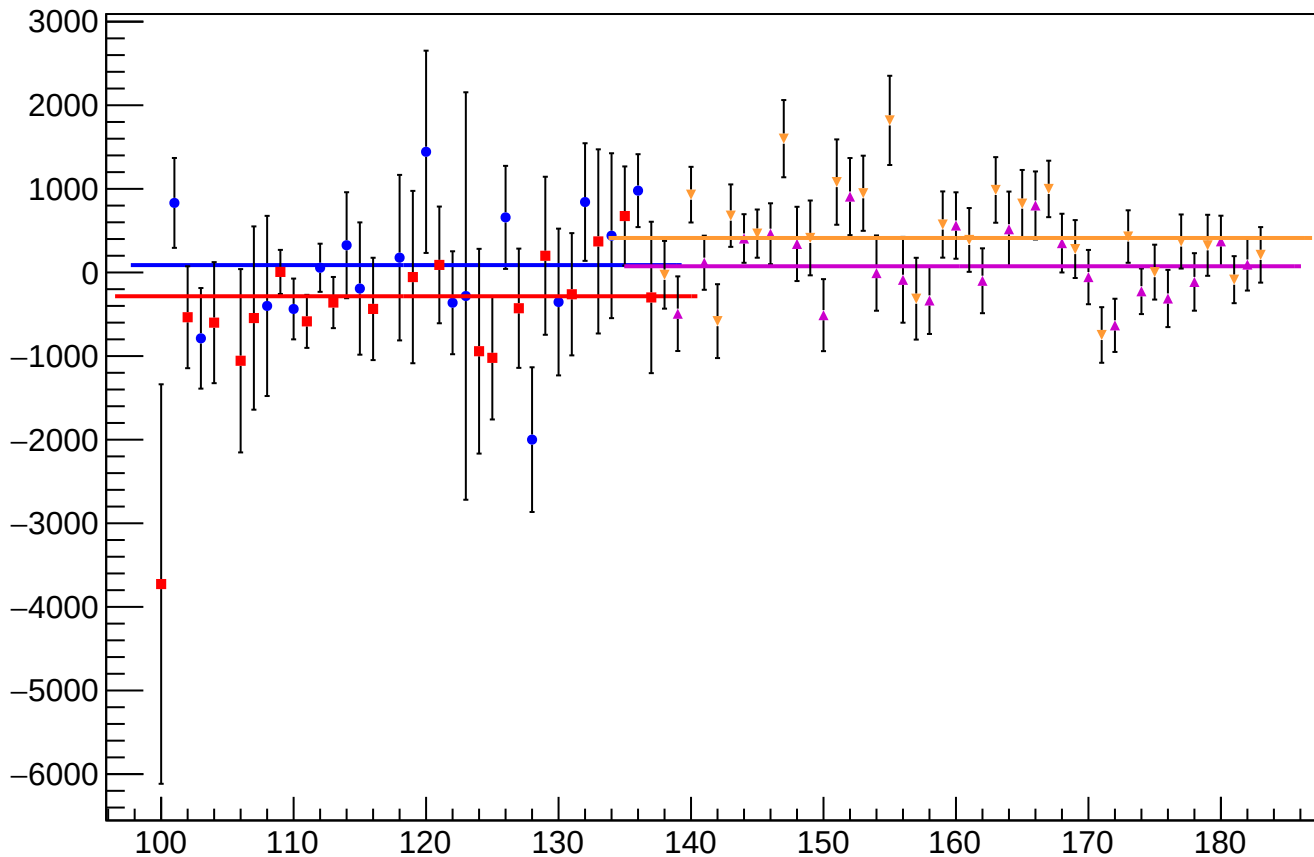
Right: 315.172 $\pm$ 0.066 χ^2/NDF : 4897737.2/35

In: 321.378 $\pm$ 0.048 χ^2/NDF : 3001349.0/38

Out: 311.321 $\pm$ 0.046 χ^2/NDF : 3949547.7/42

All: 316.107 $\pm$ 0.033 χ^2/NDF : 6973949.8/81

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 412.528+/-75.408 χ^2/NDF : 51.9/23

Right Out: -284.510+/-129.675 χ^2/NDF : 10.1/18

Left In: 74.292+/-77.405 χ^2/NDF : 26.0/21

Left: 247.830+/-54.014 χ^2/NDF : 87.8/45

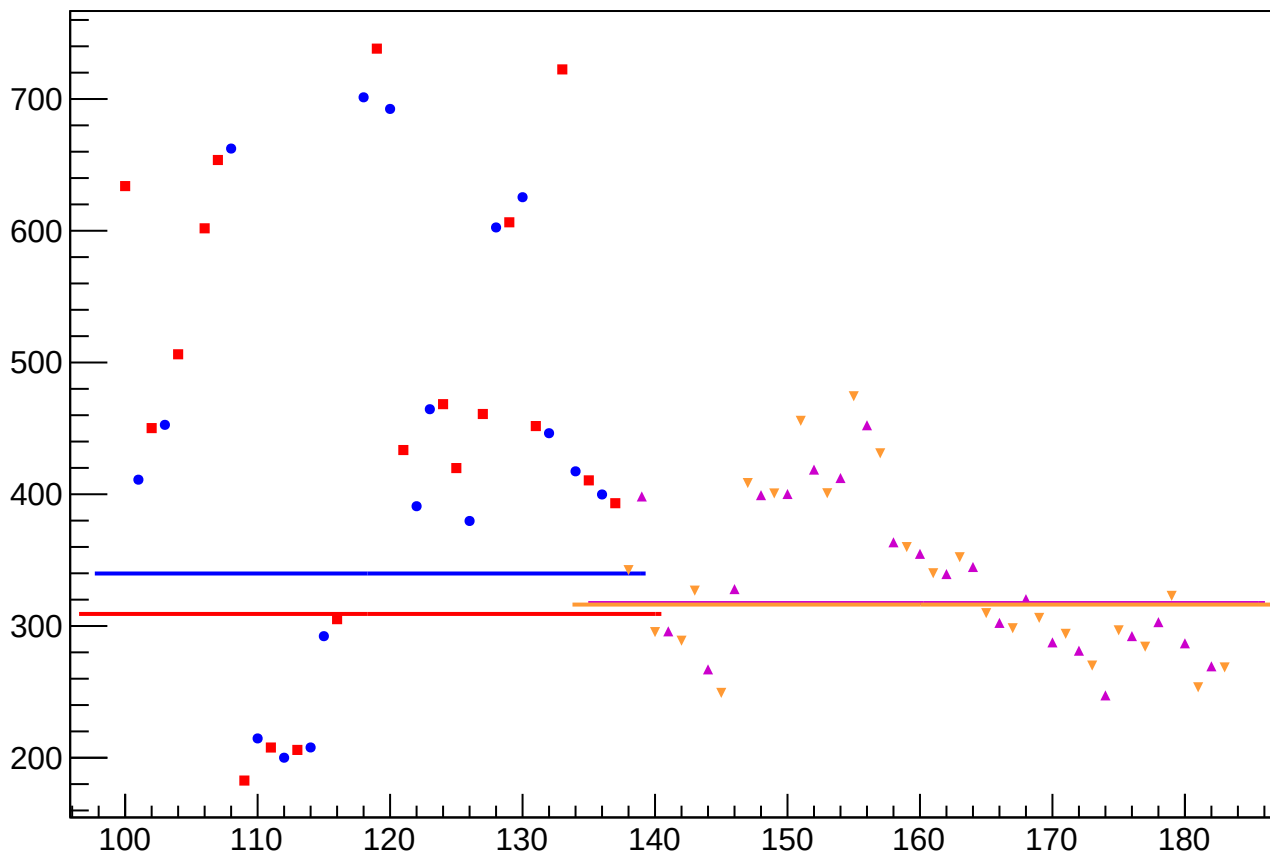
Right: -116.387+/-96.066 χ^2/NDF : 34.7/35

In: 77.424+/-68.074 χ^2/NDF : 46.8/38

Out: 236.382+/-65.187 χ^2/NDF : 83.7/42

All: 160.345+/-47.082 χ^2/NDF : 133.3/81

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2/NDF : 2043522.4/16

Left Out: 316.266 $\pm$ 0.053 χ^2/NDF :1067506.6/23

Right Out: 309.158 $\pm$ 0.092 χ^2/NDF : 2735887.4/18

Left In: 317.431 $\pm$ 0.055 χ^2/NDF :919305.4/21

Left: 316.833 $\pm$ 0.038 χ^2/NDF : 1987044.5/45

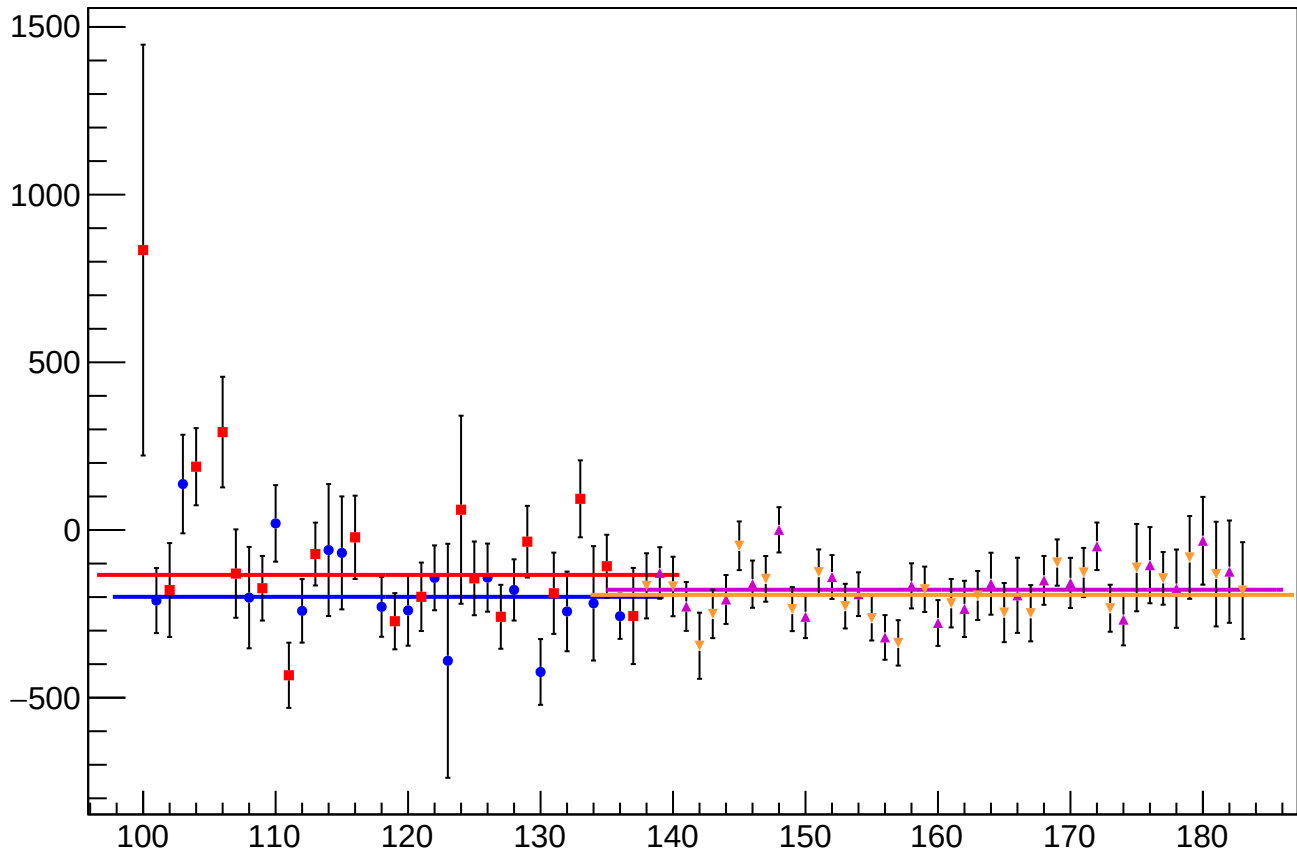
Right: 323.006 $\pm$ 0.068 χ^2/NDF : 4829958.1/35

In: 322.510 $\pm$ 0.048 χ^2/NDF :3000837.1/38

Out: 314.470 $\pm$ 0.046 χ^2/NDF :3807884.2/42

All: 318.316 $\pm$ 0.033 χ^2/NDF : 6823276.2/81

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 $\pm$ 26.515 χ^2/NDF : 17.6/16

Left Out: -193.458 $\pm$ 16.017 χ^2/NDF : 20.8/23

Right Out: -133.844 $\pm$ 26.228 χ^2/NDF : 39.2/18

Left In: -178.090 $\pm$ 16.501 χ^2/NDF : 24.0/21

Left: -186.002 $\pm$ 11.493 χ^2/NDF : 45.3/45

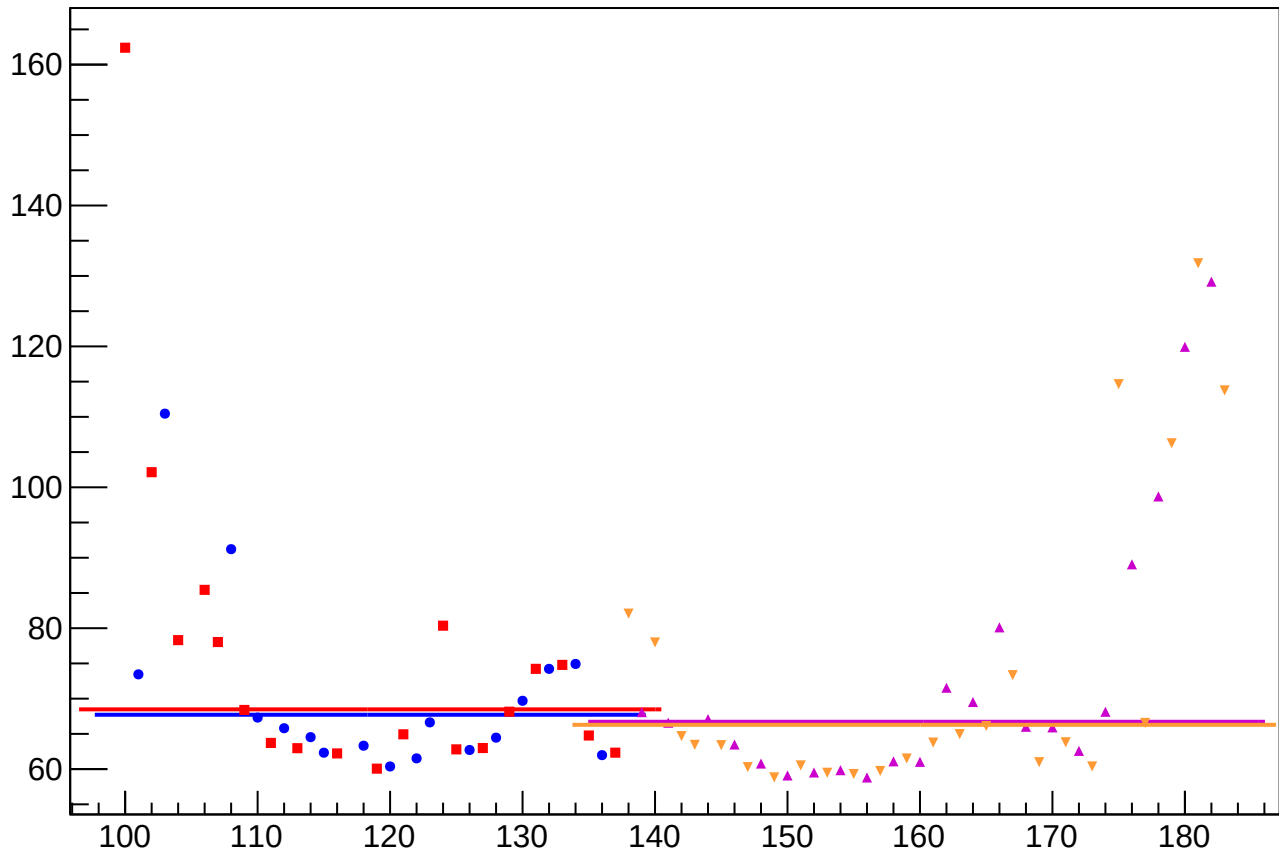
Right: -166.192 $\pm$ 18.647 χ^2/NDF : 59.8/35

In: -183.997 $\pm$ 14.010 χ^2/NDF : 42.1/38

Out: -177.265 $\pm$ 13.670 χ^2/NDF : 63.7/42

All: -180.548 $\pm$ 9.784 χ^2/NDF : 105.9/81

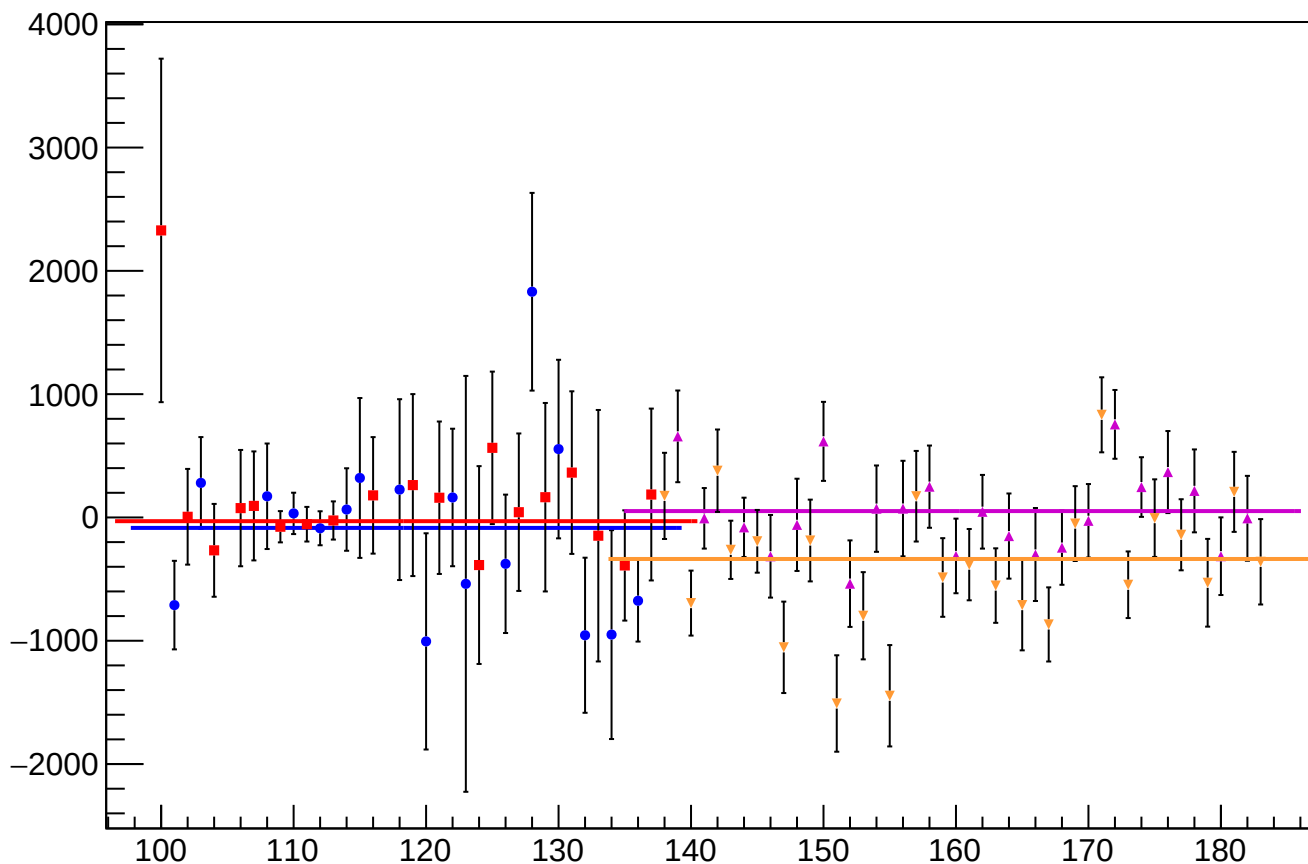
dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 ± 0.019 $\chi^2/\text{NDF}: 282892.5/16$
 Left Out: 66.286 ± 0.011 $\chi^2/\text{NDF}: 1322584.6/23$
 Right Out: 68.481 ± 0.019 $\chi^2/\text{NDF}: 281423.4/18$
 Left In: 66.718 ± 0.012 $\chi^2/\text{NDF}: 1090616.0/21$

Left: 66.495 ± 0.008 $\chi^2/\text{NDF}: 2413906.7/45$
 Right: 68.102 ± 0.013 $\chi^2/\text{NDF}: 565158.7/35$
 In: 66.996 ± 0.010 $\chi^2/\text{NDF}: 1375549.5/38$
 Out: 66.882 ± 0.010 $\chi^2/\text{NDF}: 1614213.7/42$
 All: 66.938 ± 0.007 $\chi^2/\text{NDF}: 2989831.4/81$

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 $\pm$ 82.667 χ^2/NDF : 19.9/16

Left Out: -336.795 $\pm$ 64.070 χ^2/NDF : 58.7/23

Right Out: -30.219 $\pm$ 69.663 χ^2/NDF : 6.3/18

Left In: 51.691 $\pm$ 66.673 χ^2/NDF : 23.8/21

Left: -150.282 $\pm$ 46.197 χ^2/NDF : 100.1/45

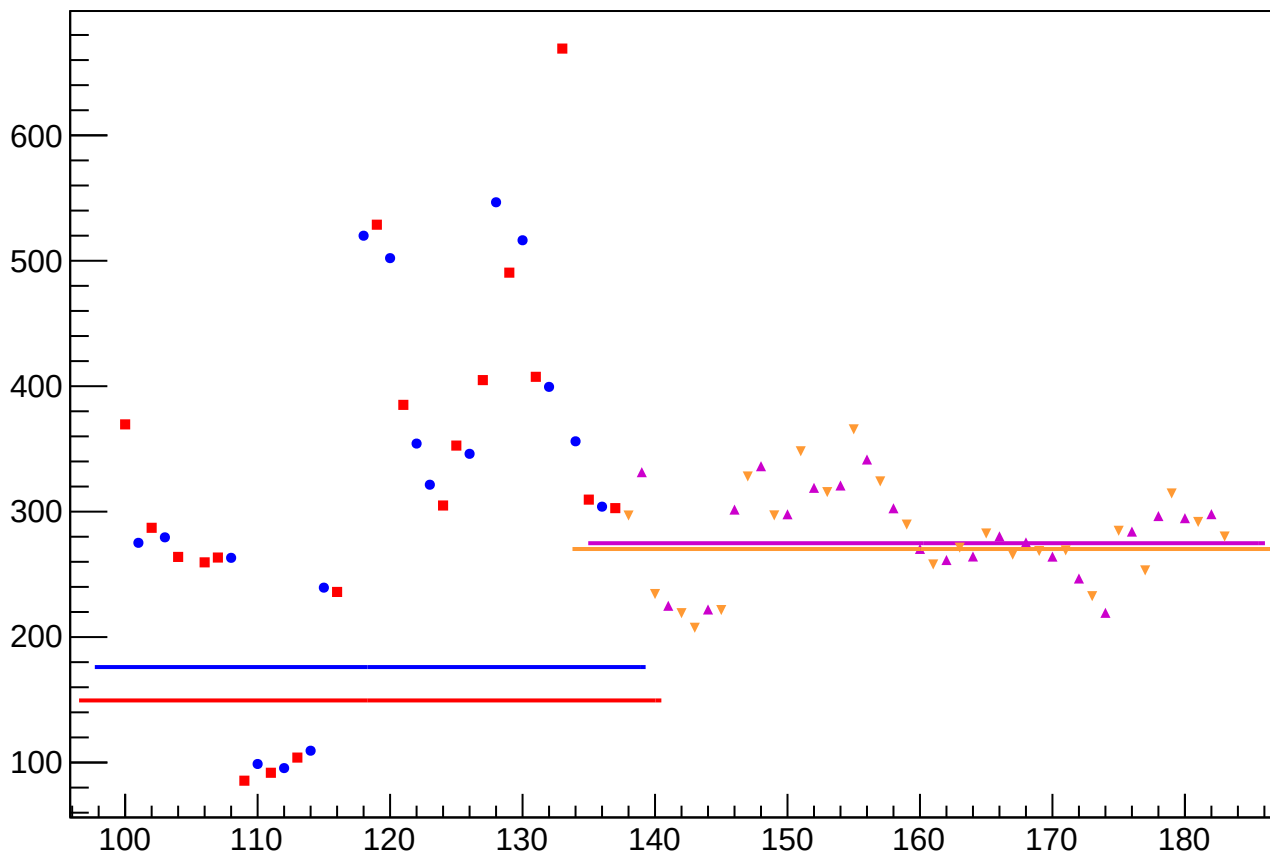
Right: -52.867 $\pm$ 53.271 χ^2/NDF : 26.5/35

In: -2.086 $\pm$ 51.897 χ^2/NDF : 45.4/38

Out: -196.305 $\pm$ 47.158 χ^2/NDF : 75.5/42

All: -108.467 $\pm$ 34.901 χ^2/NDF : 128.5/81

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096 $\pm$ 0.058 χ^2/NDF : 4223651.6/16

Left Out: 270.209 $\pm$ 0.045 χ^2/NDF : 740097.2/23

Right Out: 149.484 $\pm$ 0.049 χ^2/NDF : 4820971.0/18

Left In: 274.833 $\pm$ 0.047 χ^2/NDF : 603740.6/21

Left: 272.429 $\pm$ 0.033 χ^2/NDF : 1348838.9/45

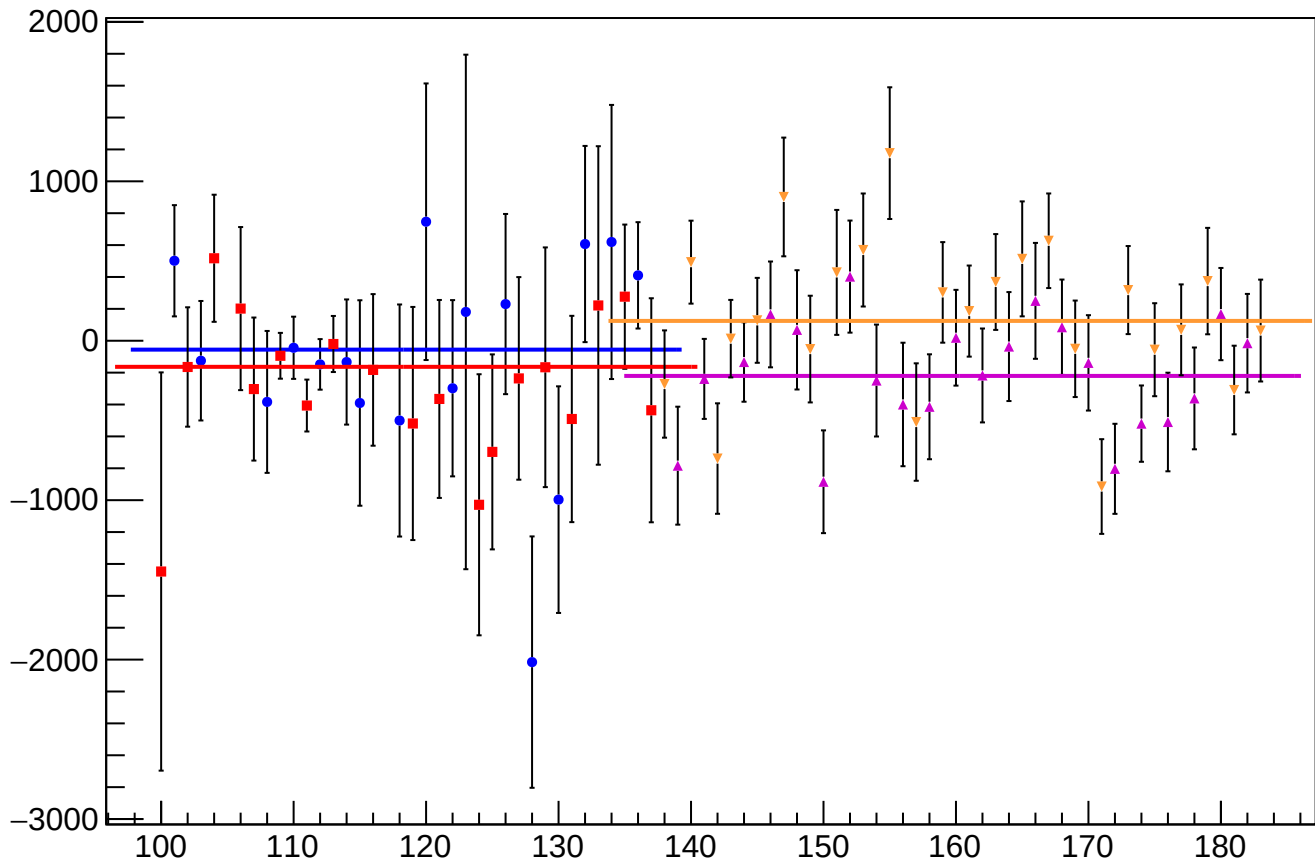
Right: 160.534 $\pm$ 0.038 χ^2/NDF : 9165825.3/35

In: 235.919 $\pm$ 0.037 χ^2/NDF : 6556037.2/38

Out: 214.886 $\pm$ 0.033 χ^2/NDF : 8815088.8/42

All: 224.399 $\pm$ 0.025 χ^2/NDF : 15551067.2/83

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 124.425 ± 63.198 $\chi^2/\text{NDF}: 47.7/23$

Right Out: -163.564 ± 76.926 $\chi^2/\text{NDF}: 11.4/18$

Left In: -220.583 ± 65.788 $\chi^2/\text{NDF}: 25.2/21$

Left: -41.154 ± 45.576 $\chi^2/\text{NDF}: 87.2/45$

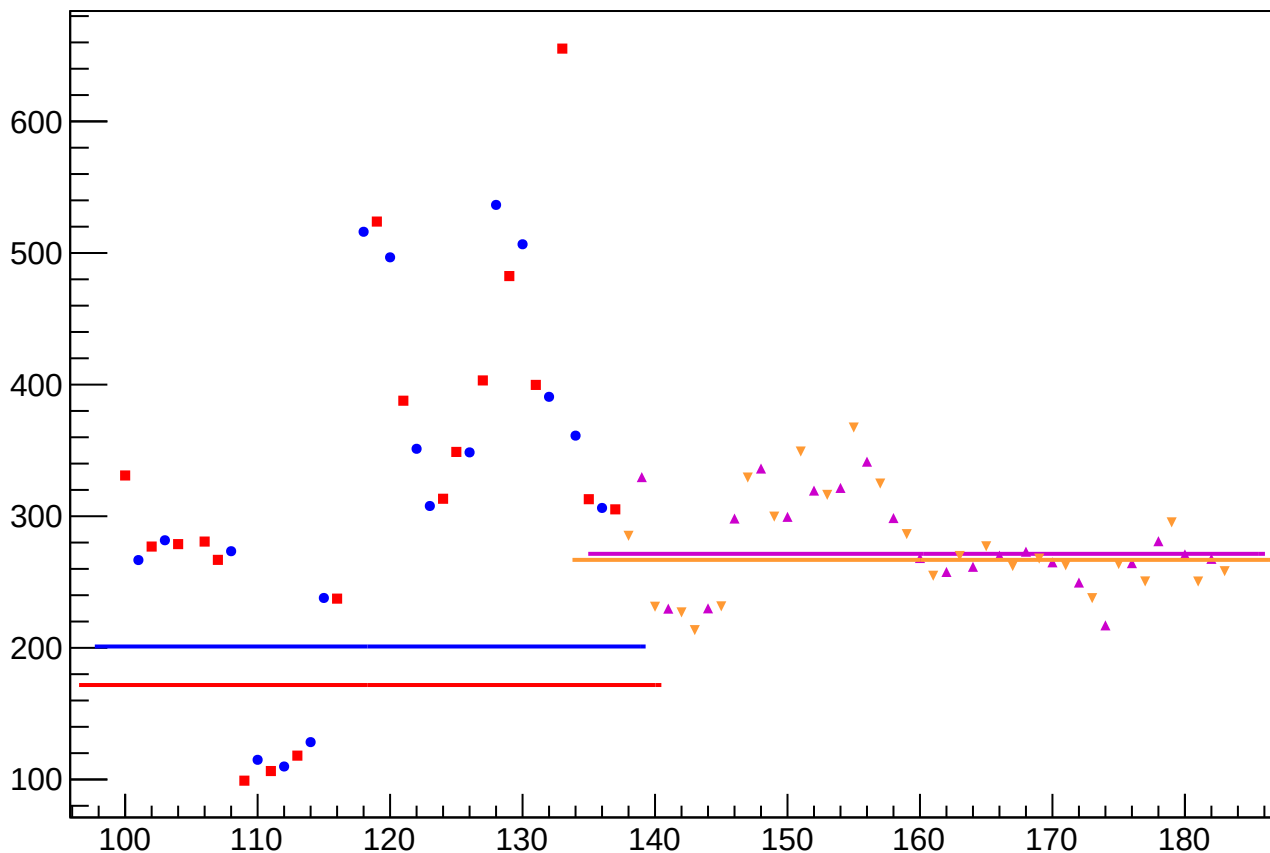
Right: -118.372 ± 58.632 $\chi^2/\text{NDF}: 29.4/35$

In: -163.644 ± 53.228 $\chi^2/\text{NDF}: 44.5/38$

Out: 8.376 ± 48.832 $\chi^2/\text{NDF}: 67.5/42$

All: -70.238 ± 35.983 $\chi^2/\text{NDF}: 117.6/81$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036+/-0.064 χ^2/NDF : 3433026.4/16

Left Out: 266.851+/-0.045 χ^2/NDF : 638385.7/23

Right Out: 171.765+/-0.054 χ^2/NDF : 4098218.1/18

Left In: 271.439+/-0.047 χ^2/NDF : 530894.1/21

Left: 269.053+/-0.032 χ^2/NDF : 1174340.4/45

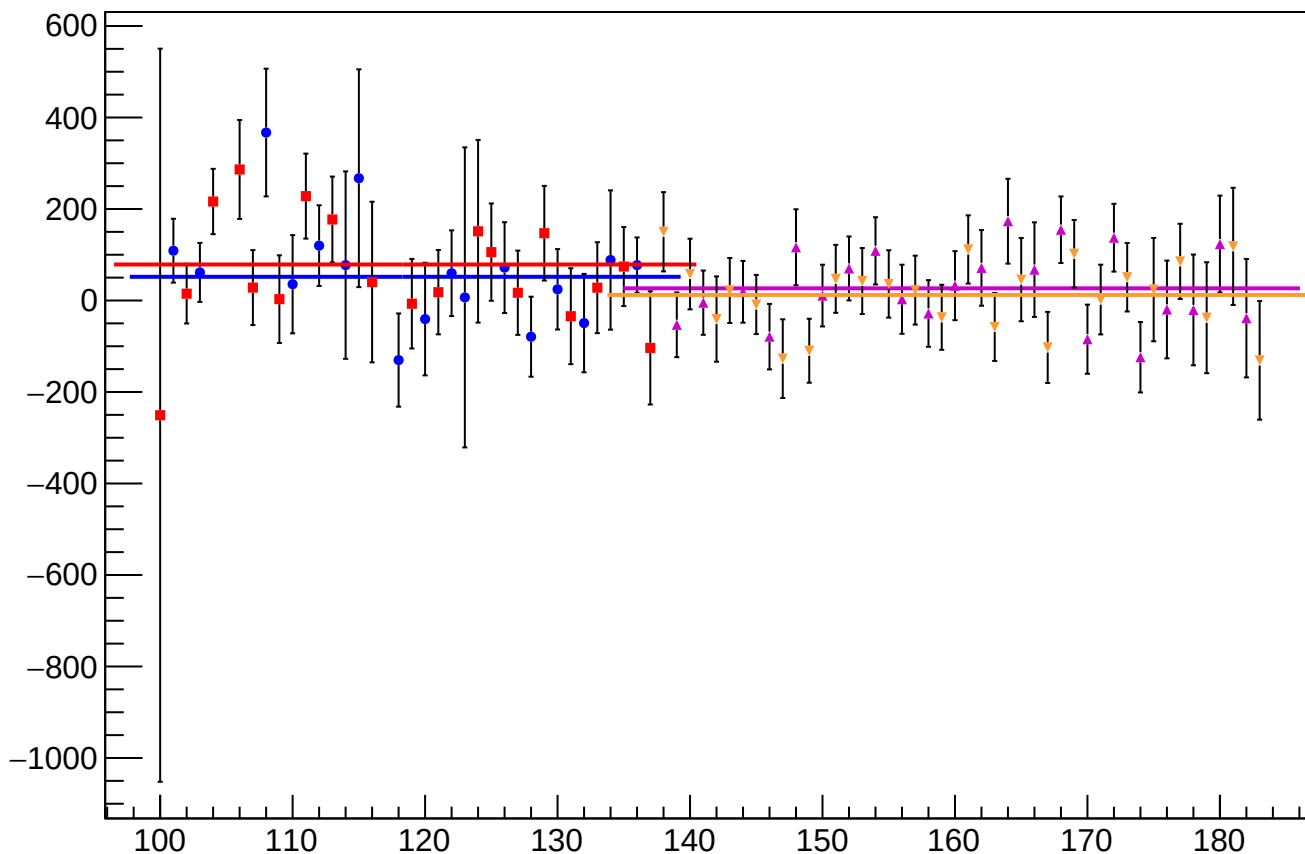
Right: 184.032+/-0.041 χ^2/NDF : 7652597.2/35

In: 247.124+/-0.038 χ^2/NDF : 4754986.3/38

Out: 228.535+/-0.035 χ^2/NDF : 6560979.8/42

All: 237.030+/-0.025 χ^2/NDF : 11448414.2/83

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2 /NDF: 14.5/16

Left Out: 12.218 $\pm$ 16.392 χ^2 /NDF:19.6/23

Right Out: 78.749 $\pm$ 22.490 χ^2 /NDF: 19.1/18

Left In: 26.582 $\pm$ 16.933 χ^2 /NDF:22.9/21

Left: 19.167 $\pm$ 11.778 χ^2 /NDF: 42.9/45

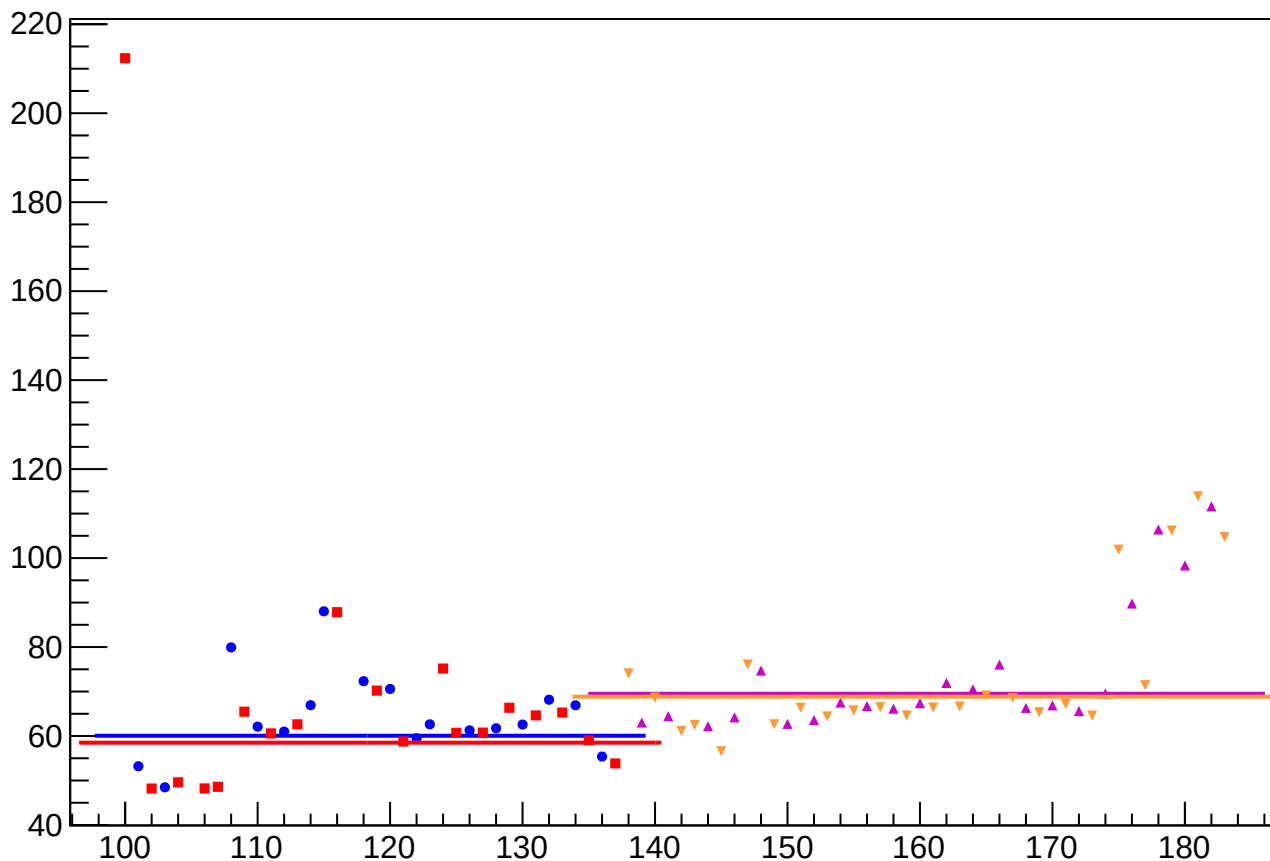
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 35.182 $\pm$ 13.746 χ^2 /NDF:38.2/38

Out: 35.299 $\pm$ 13.247 χ^2 /NDF:44.5/42

All: 35.243 $\pm$ 9.539 χ^2 /NDF: 82.7/81

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 ± 0.017 $\chi^2/\text{NDF}: 229098.7/16$

Left Out: 68.846 ± 0.012 $\chi^2/\text{NDF}: 941029.2/23$

Right Out: 58.508 ± 0.016 $\chi^2/\text{NDF}: 348822.3/18$

Left In: 69.494 ± 0.012 $\chi^2/\text{NDF}: 753428.2/21$

Left: 69.159 ± 0.008 $\chi^2/\text{NDF}: 1695969.1/45$

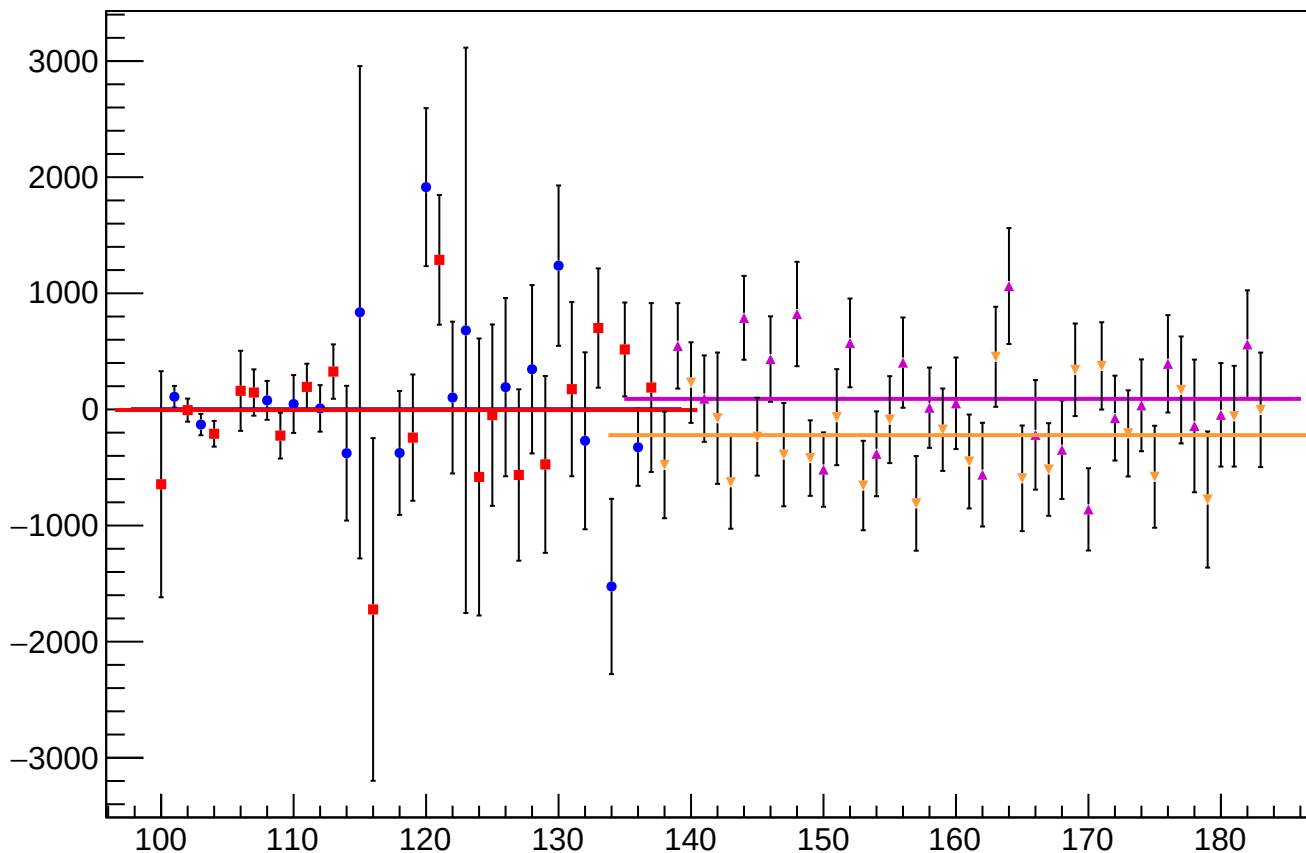
Right: 59.251 ± 0.011 $\chi^2/\text{NDF}: 582496.2/35$

In: 66.278 ± 0.010 $\chi^2/\text{NDF}: 1193976.9/38$

Out: 65.259 ± 0.009 $\chi^2/\text{NDF}: 1565789.6/42$

All: 65.750 ± 0.007 $\chi^2/\text{NDF}: 2765464.5/81$

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581+/-54.284 χ^2/NDF : 21.4/16

Left Out: -221.530+/-83.045 χ^2/NDF : 18.4/23

Right Out: -5.402+/-56.516 χ^2/NDF : 20.7/18

Left In: 90.766+/-84.681 χ^2/NDF : 33.0/21

Left: -68.427+/-59.292 χ^2/NDF : 58.3/45

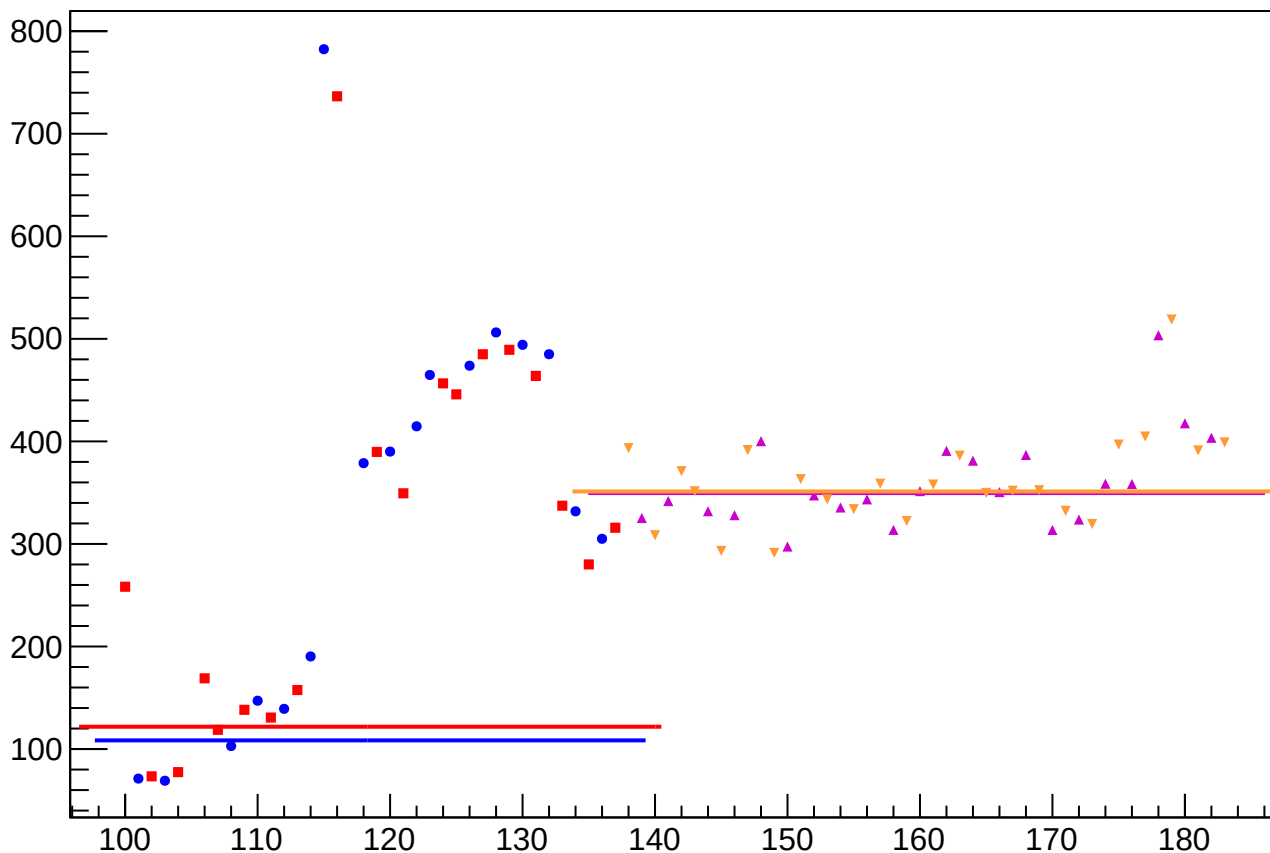
Right: -1.770+/-39.150 χ^2/NDF : 42.1/35

In: 27.556+/-45.700 χ^2/NDF : 55.2/38

Out: -73.815+/-46.723 χ^2/NDF : 43.7/42

All: -22.008+/-32.670 χ^2/NDF : 101.3/81

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445 $\pm$ 0.038 χ^2 /NDF: 5404107.9/16

Left Out: 351.177 $\pm$ 0.059 χ^2 /NDF: 495981.2/23

Right Out: 121.765 $\pm$ 0.040 χ^2 /NDF: 4771024.2/18

Left In: 349.604 $\pm$ 0.060 χ^2 /NDF: 416380.1/21

Left: 350.406 $\pm$ 0.042 χ^2 /NDF: 912713.1/45

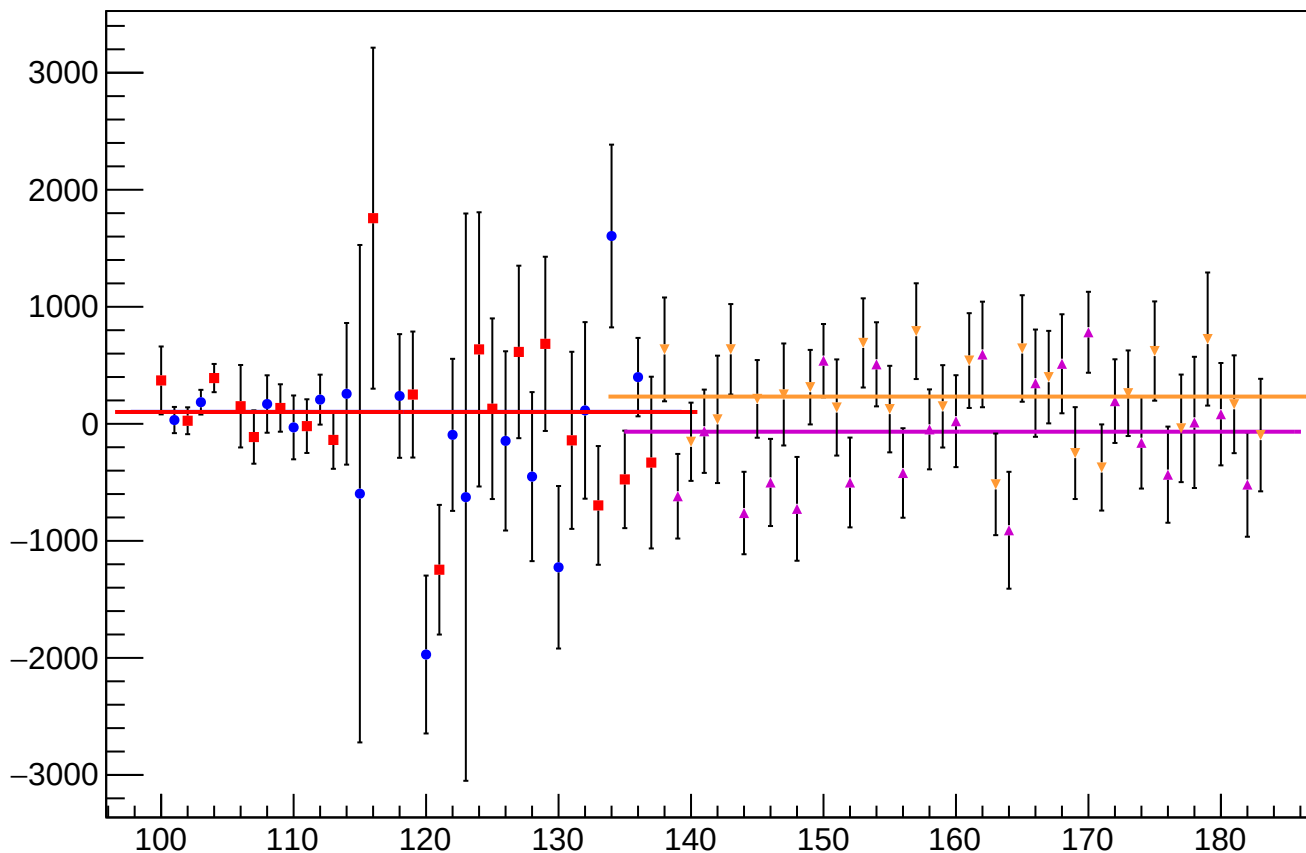
Right: 114.837 $\pm$ 0.028 χ^2 /NDF: 10232914.9/35

In: 178.683 $\pm$ 0.032 χ^2 /NDF: 17316819.9/38

Out: 194.383 $\pm$ 0.033 χ^2 /NDF: 15698514.8/42

All: 186.359 $\pm$ 0.023 χ^2 /NDF: 33130743.9/83

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 232.807 $\pm$ 81.673 χ^2 /NDF:18.2/23

Right Out: 101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

Left In: -67.336 $\pm$ 83.366 χ^2 /NDF:34.6/21

Left: 85.813 $\pm$ 58.341 χ^2 /NDF: 59.4/45

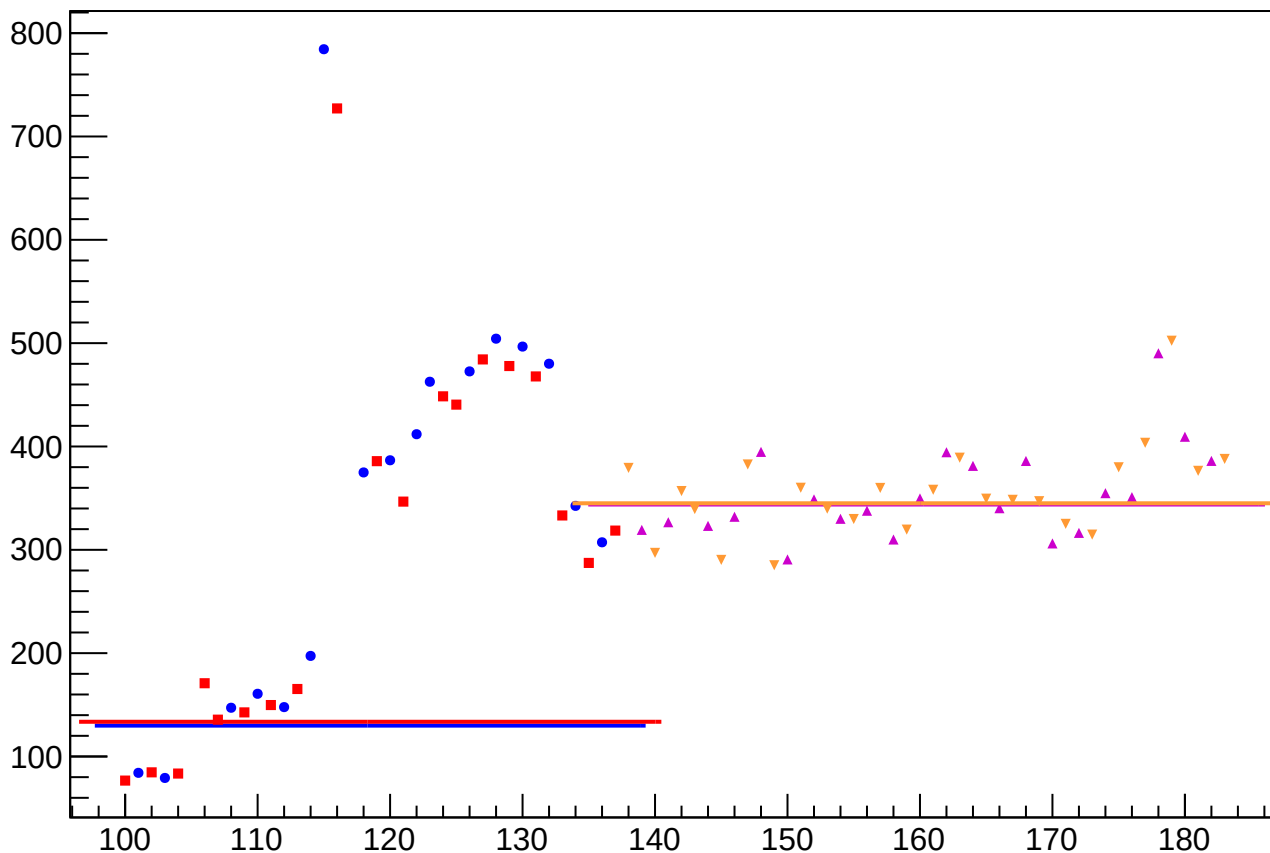
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 40.428 $\pm$ 50.327 χ^2 /NDF:57.5/38

Out: 148.204 $\pm$ 48.794 χ^2 /NDF:42.5/42

All: 95.983 $\pm$ 35.032 χ^2 /NDF: 102.3/81

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884 $\pm$ 0.045 χ^2 /NDF: 4829521.2/16

Left Out: 345.040 $\pm$ 0.058 χ^2 /NDF: 483383.1/23

Right Out: 133.604 $\pm$ 0.043 χ^2 /NDF: 4363378.8/18

Left In: 343.832 $\pm$ 0.059 χ^2 /NDF: 423912.1/21

Left: 344.448 $\pm$ 0.041 χ^2 /NDF: 907509.4/45

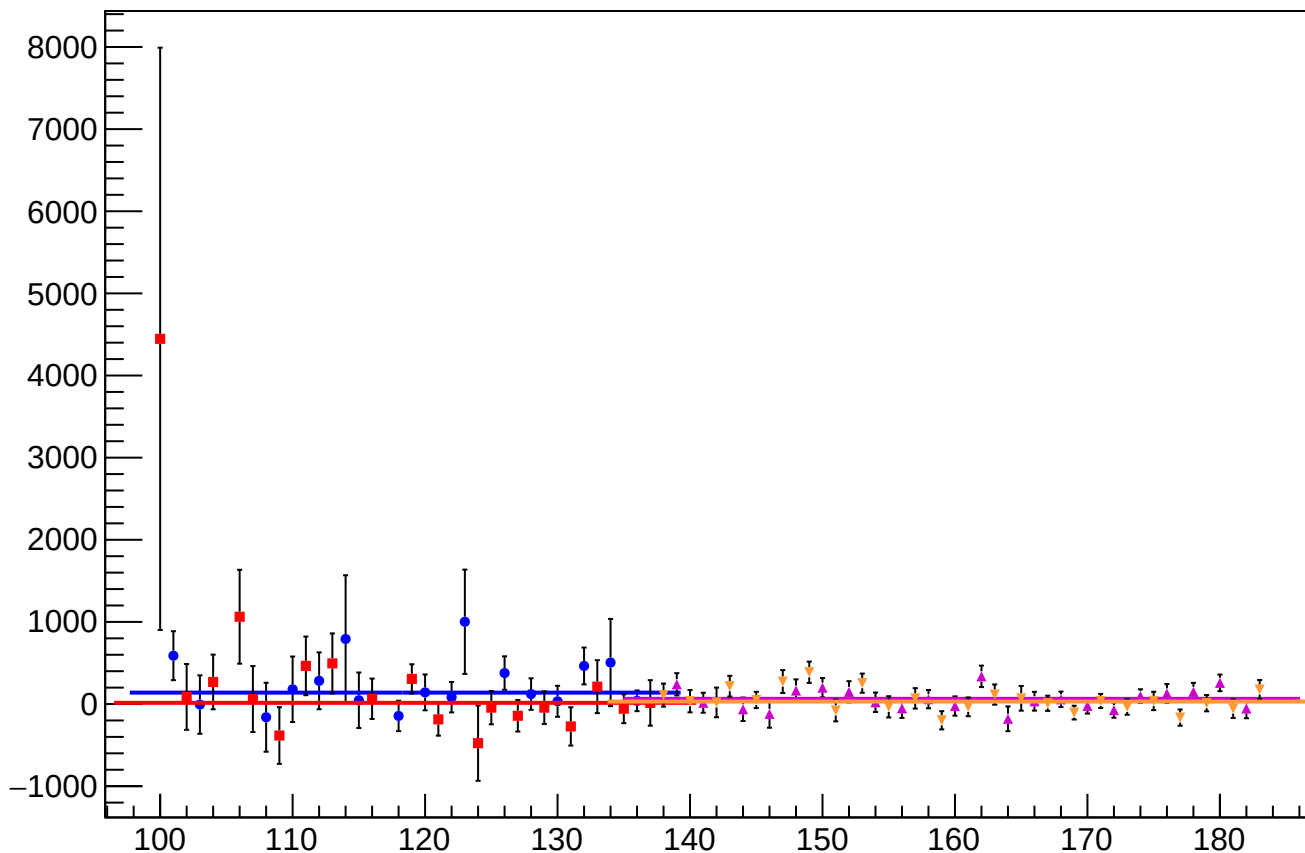
Right: 131.813 $\pm$ 0.031 χ^2 /NDF: 9196501.4/35

In: 207.854 $\pm$ 0.036 χ^2 /NDF: 13625454.9/38

Out: 209.069 $\pm$ 0.035 χ^2 /NDF: 13466464.9/42

All: 208.480 $\pm$ 0.025 χ^2 /NDF: 27092520.9/83

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093 $\pm$ 57.982 χ^2 /NDF: 13.1/16

Left Out: 30.196 $\pm$ 23.108 χ^2 /NDF:32.2/23

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 63.378 $\pm$ 24.343 χ^2 /NDF:23.7/21

Left: 45.924 $\pm$ 16.760 χ^2 /NDF: 56.9/45

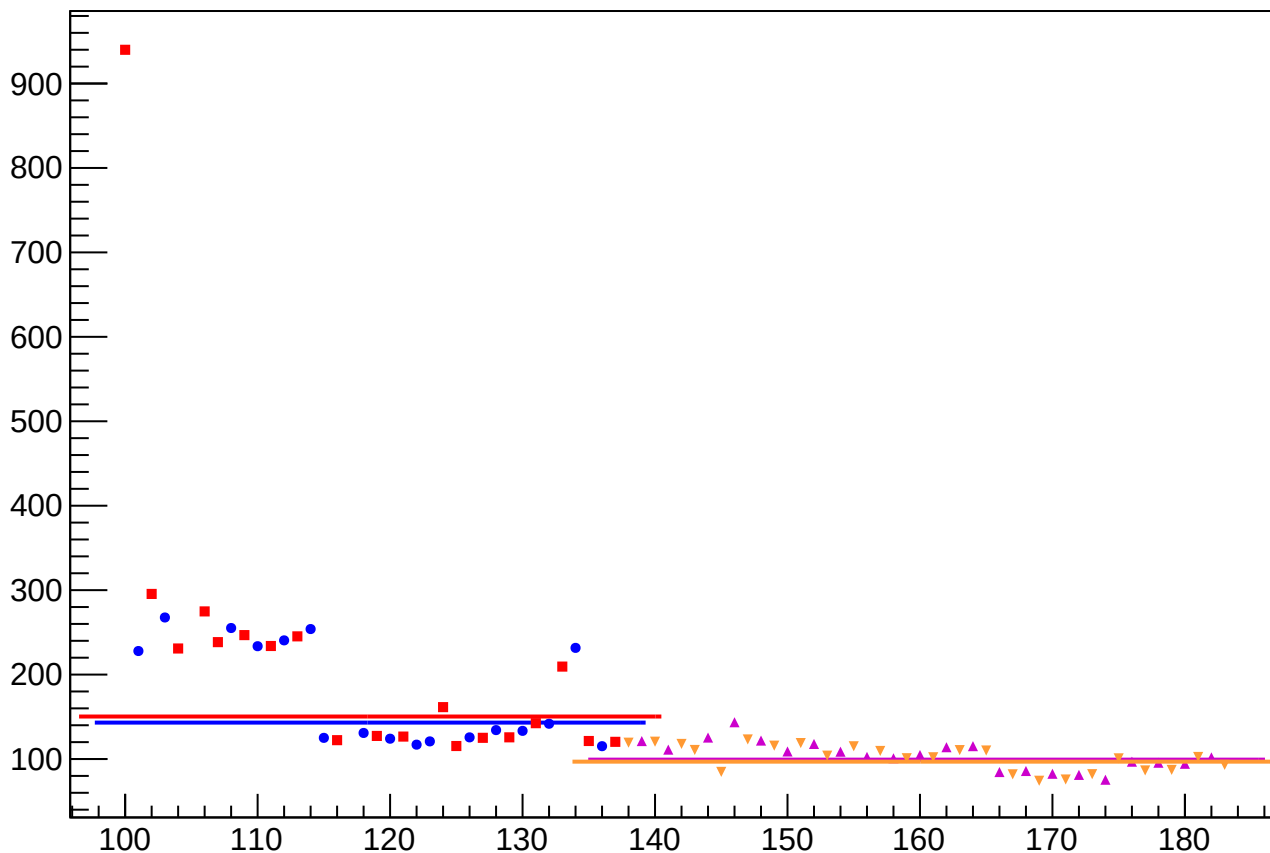
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 74.724 $\pm$ 22.445 χ^2 /NDF:38.3/38

Out: 28.229 $\pm$ 21.570 χ^2 /NDF:50.2/42

All: 50.552 $\pm$ 15.552 χ^2 /NDF: 90.7/81

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 96.892 $\pm$ 0.016 χ^2 /NDF:894066.1/23

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 99.280 $\pm$ 0.017 χ^2 /NDF:838579.5/21

Left: 98.024 $\pm$ 0.012 χ^2 /NDF: 1742770.5/45

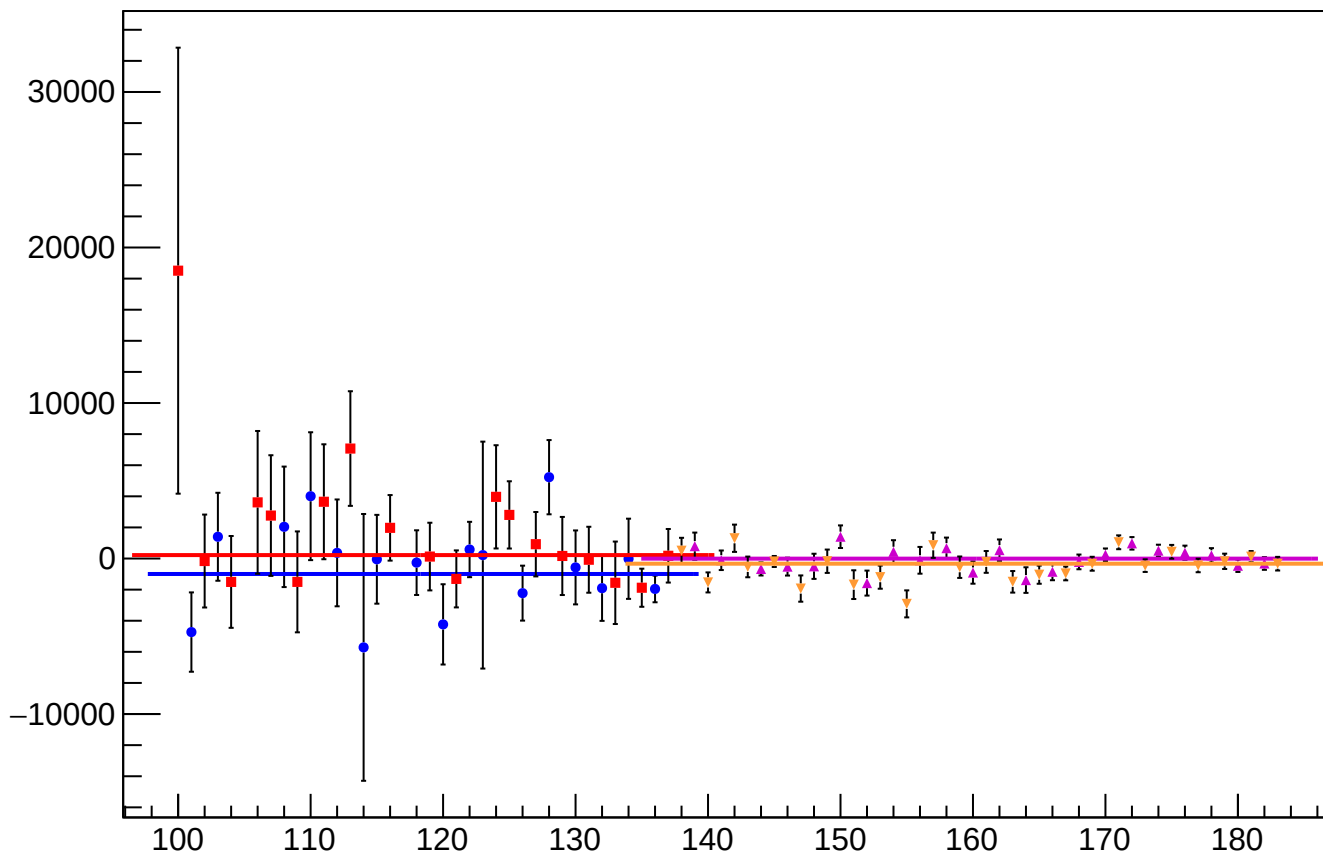
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 105.853 $\pm$ 0.016 χ^2 /NDF:2912749.4/38

Out: 103.772 $\pm$ 0.015 χ^2 /NDF:3703217.3/42

All: 104.771 $\pm$ 0.011 χ^2 /NDF: 6624904.5/81

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -332.272+/-110.352 χ^2/NDF : 47.1/23

Right Out: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: -7.167+/-113.865 χ^2/NDF : 32.0/21

Left: -174.813+/-79.244 χ^2/NDF : 83.3/45

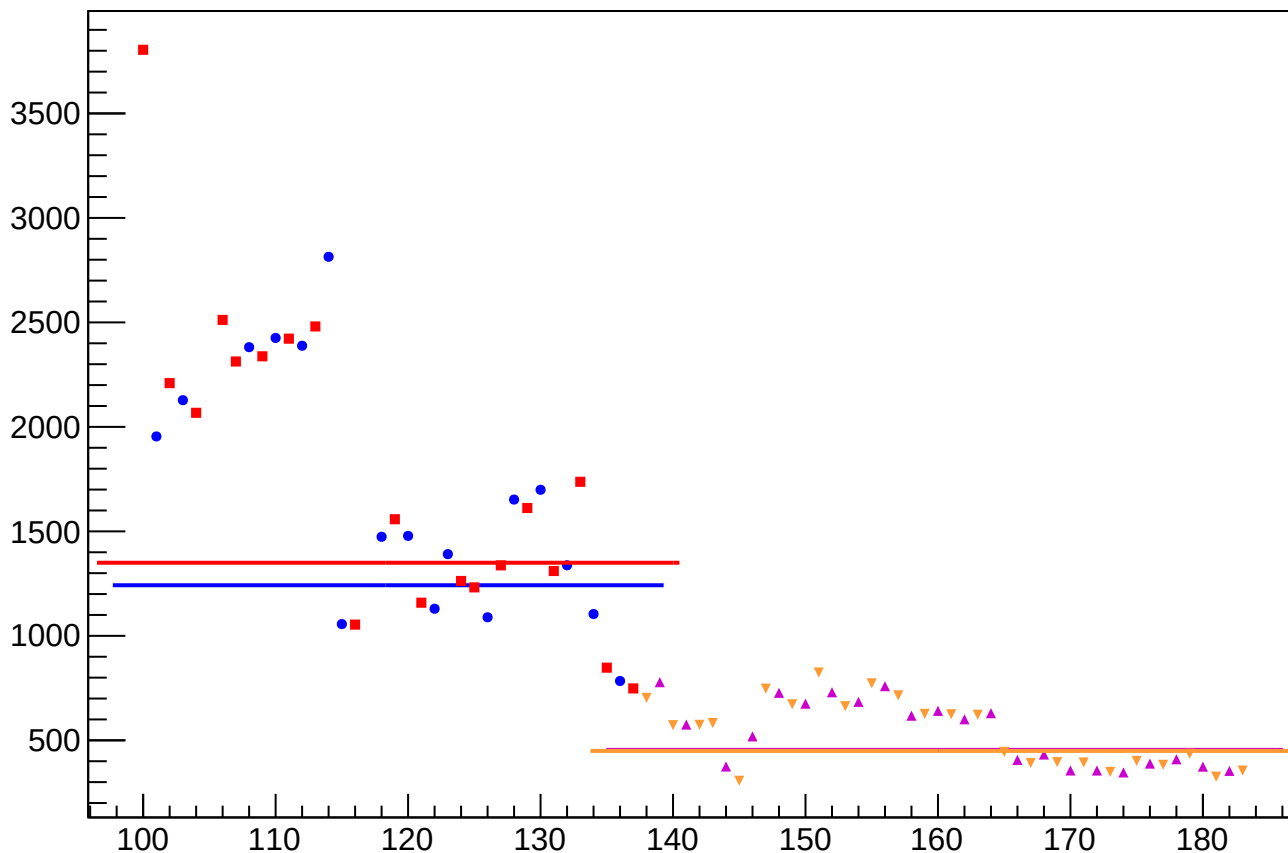
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -52.901+/-111.195 χ^2/NDF : 52.4/38

Out: -310.347+/-108.145 χ^2/NDF : 63.3/42

All: -185.203+/-77.526 χ^2/NDF : 118.5/81

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172 $\pm$ 0.365 χ^2 /NDF: 1767422.8/16

Left Out: 449.365 $\pm$ 0.078 χ^2 /NDF:3113871.5/23

Right Out: 1349.870 $\pm$ 0.384 χ^2 /NDF: 1867853.5/18

Left In: 454.266 $\pm$ 0.081 χ^2 /NDF:2652240.5/21

Left: 451.739 $\pm$ 0.056 χ^2 /NDF: 5768022.7/45

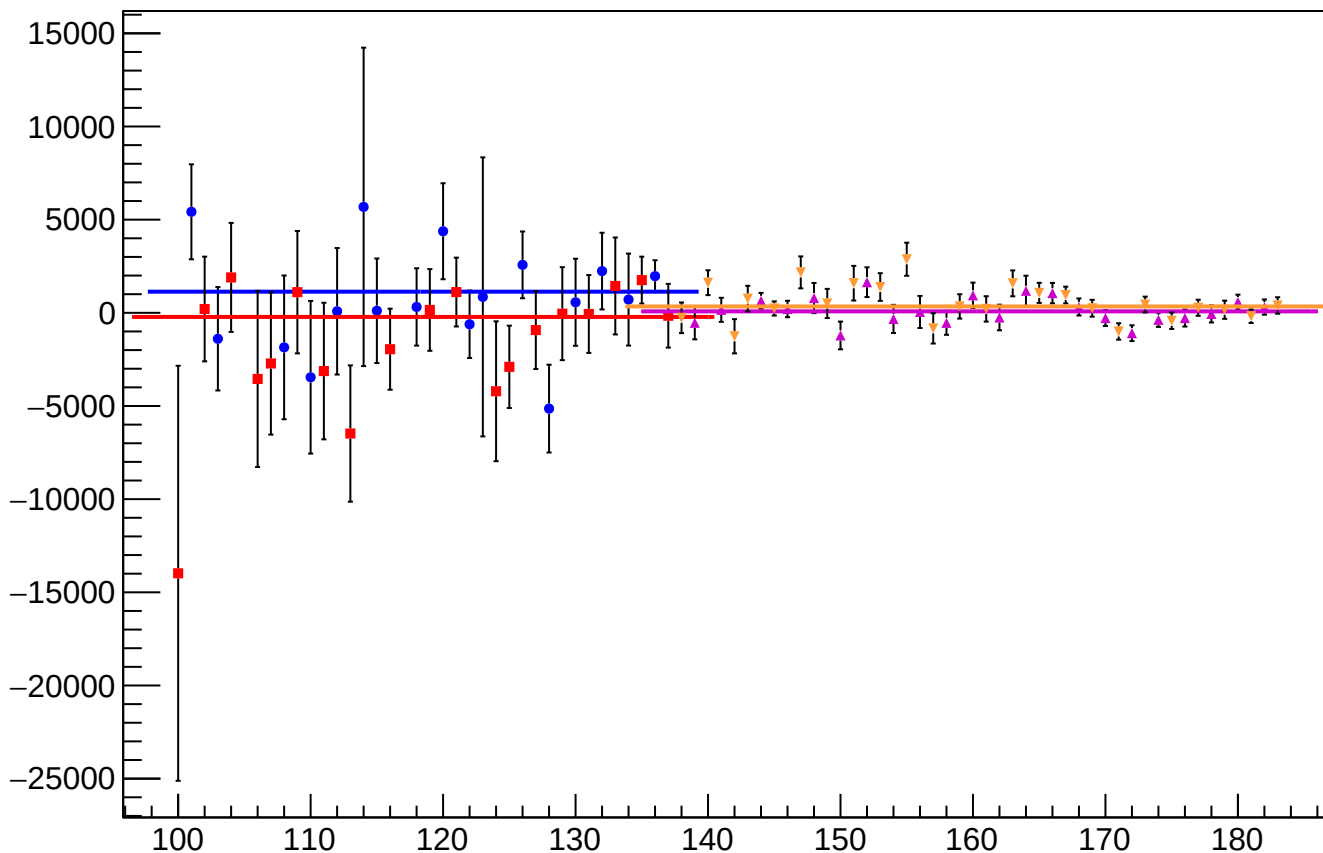
Right: 1293.283 $\pm$ 0.265 χ^2 /NDF: 3676549.5/35

In: 490.789 $\pm$ 0.079 χ^2 /NDF:8858682.4/38

Out: 485.028 $\pm$ 0.076 χ^2 /NDF:10256026.0/42

All: 487.828 $\pm$ 0.055 χ^2 /NDF: 19117468.0/83

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 342.585+/-111.335 χ^2/NDF : 47.8/23

Right Out: -220.849+/-547.528 χ^2/NDF : 13.5/18

Left In: 77.822+/-112.914 χ^2/NDF : 30.6/21

Left: 212.067+/-79.278 χ^2/NDF : 81.2/45

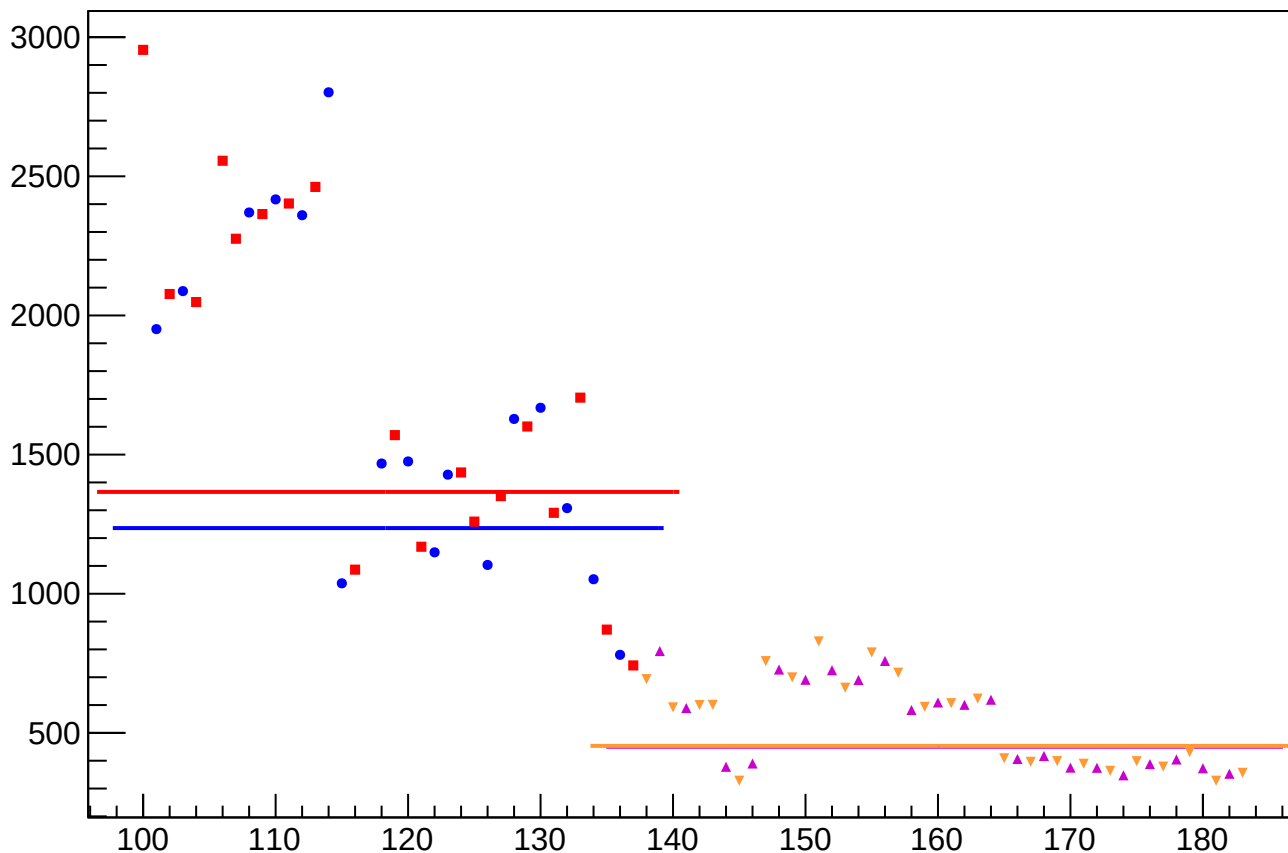
Right: 500.276+/-374.656 χ^2/NDF : 34.5/35

In: 126.542+/-110.282 χ^2/NDF : 52.4/38

Out: 320.214+/-109.102 χ^2/NDF : 62.3/42

All: 224.419+/-77.561 χ^2/NDF : 116.3/81

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 453.298+/-0.079 χ^2/NDF : 2993489.5/23

Right Out: 1365.941+/-0.387 χ^2/NDF : 1750044.7/18

Left In: 450.168+/-0.080 χ^2/NDF : 2540395.8/21

Left: 451.755+/-0.056 χ^2/NDF : 5534665.0/45

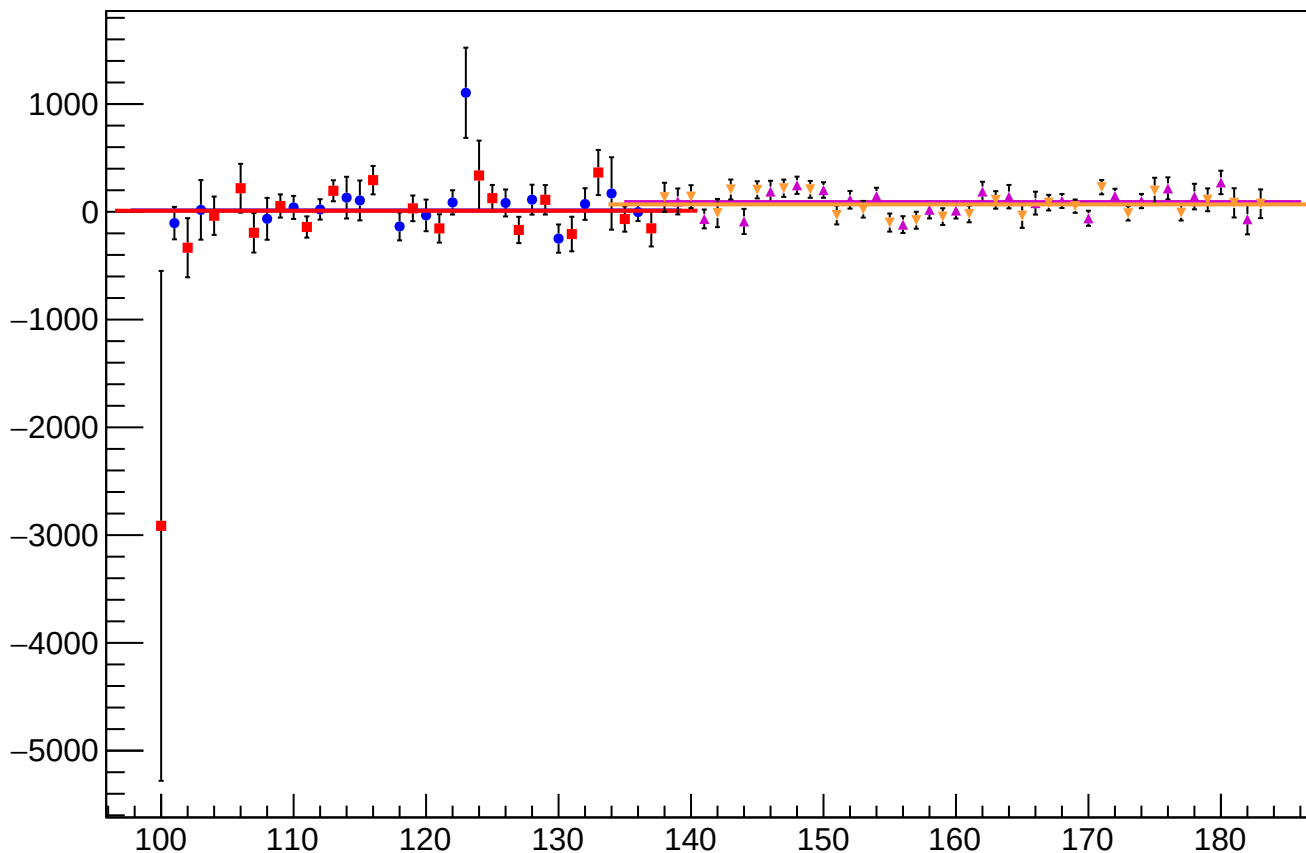
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 486.372+/-0.078 χ^2/NDF : 8748816.5/38

Out: 489.536+/-0.077 χ^2/NDF : 10079622.9/42

All: 487.971+/-0.055 χ^2/NDF : 18829271.1/83

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 68.809+/-17.346 χ^2/NDF :36.5/23

Right Out: 10.036+/-32.603 χ^2/NDF : 28.3/18

Left In: 90.258+/-18.170 χ^2/NDF :35.0/21

Left: 79.035+/-12.547 χ^2/NDF : 72.2/45

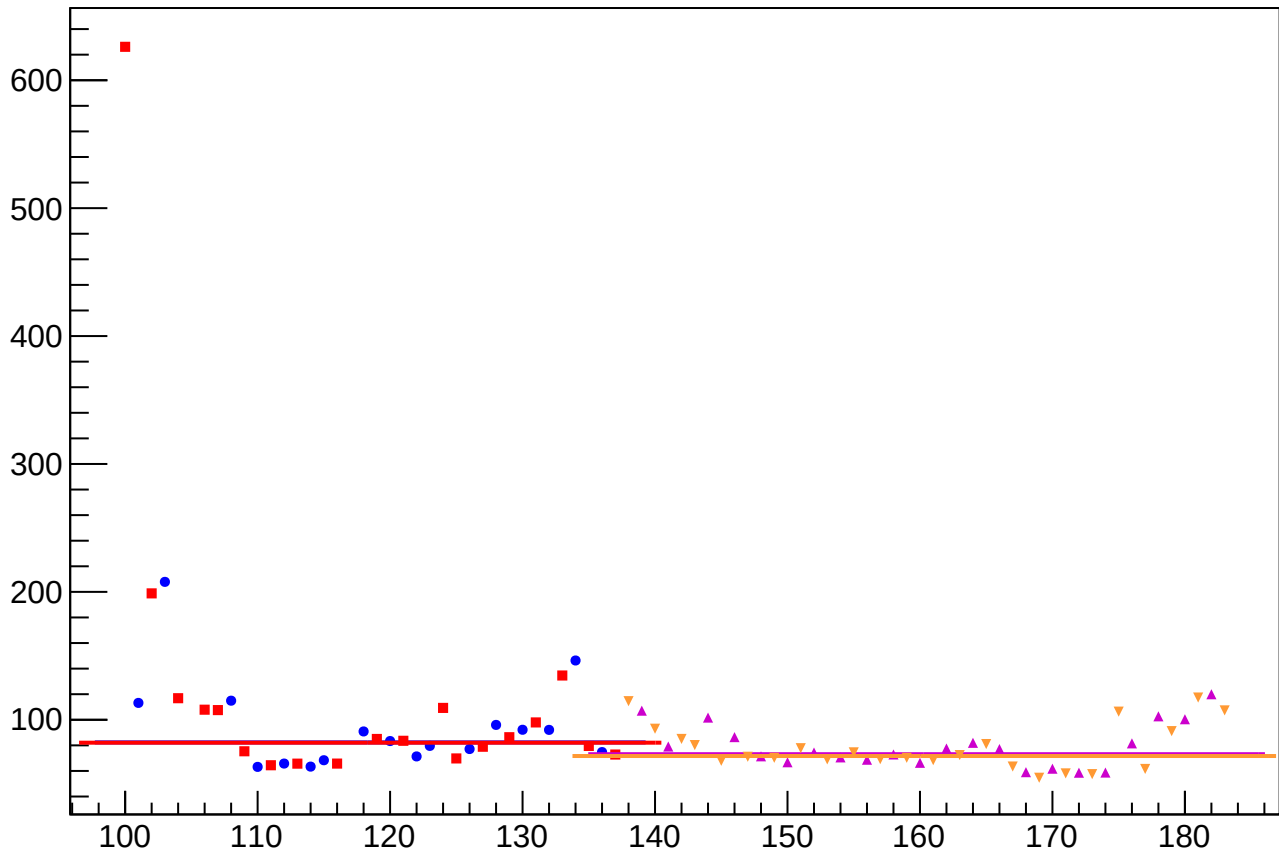
Right: 11.151+/-23.271 χ^2/NDF : 43.6/35

In: 72.314+/-15.942 χ^2/NDF :54.6/38

Out: 55.843+/-15.313 χ^2/NDF :67.3/42

All: 63.747+/-11.044 χ^2/NDF : 122.4/81

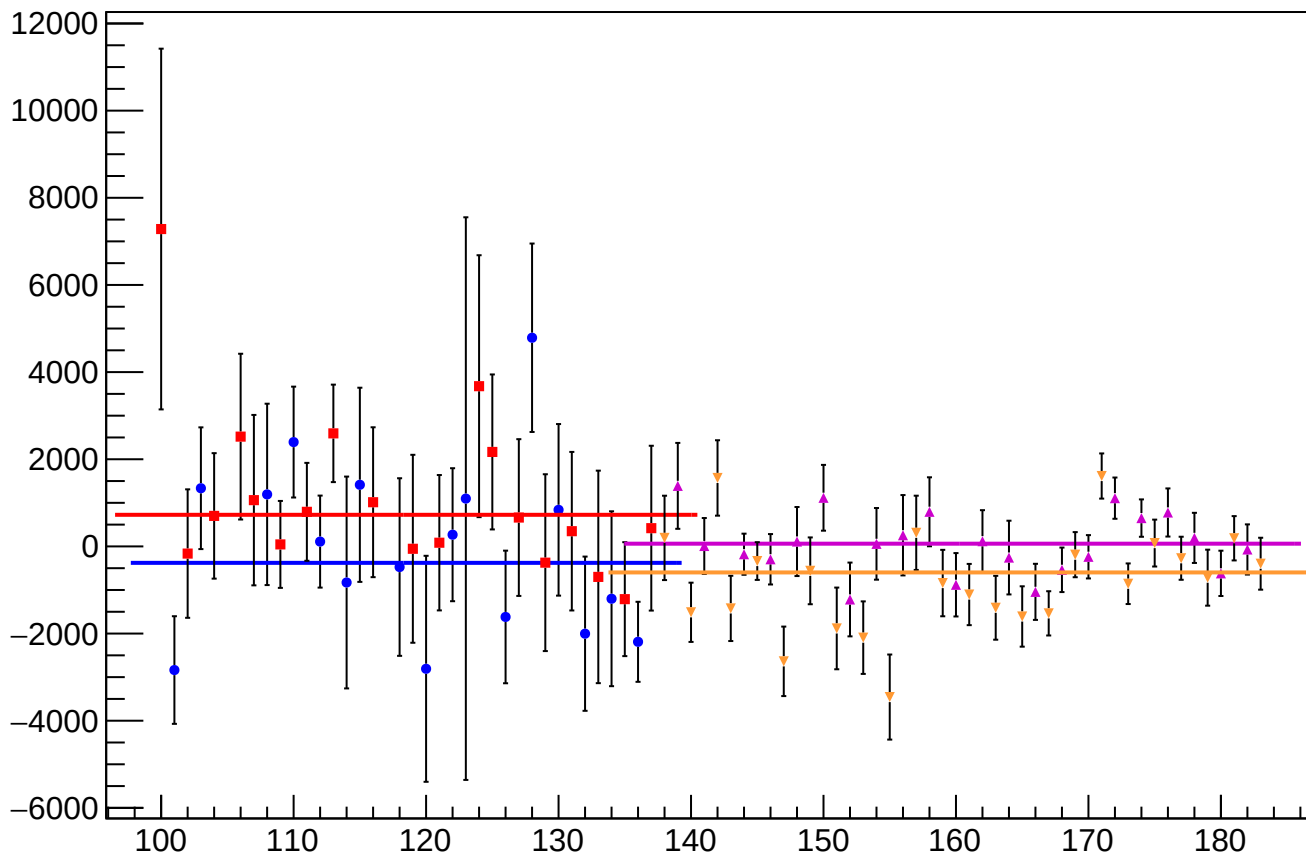
dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2 /NDF: 868742.4/16
 Left Out: 71.669 $\pm$ 0.012 χ^2 /NDF:1354557.0/23
 Right Out: 82.091 $\pm$ 0.023 χ^2 /NDF: 959008.5/18
 Left In: 73.102 $\pm$ 0.013 χ^2 /NDF:1209663.4/21

Left: 72.352 $\pm$ 0.009 χ^2 /NDF: 2570727.3/45
 Right: 82.196 $\pm$ 0.016 χ^2 /NDF: 1827793.7/35
 In: 75.221 $\pm$ 0.011 χ^2 /NDF:2196537.5/38
 Out: 73.968 $\pm$ 0.011 χ^2 /NDF:2472843.7/42
 All: 74.569 $\pm$ 0.008 χ^2 /NDF: 4675801.2/81

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330+/-383.897 χ^2/NDF : 24.5/16

Left Out: -597.408+/-128.810 χ^2/NDF : 62.8/23

Right Out: 725.204+/-367.170 χ^2/NDF : 11.9/18

Left In: 62.404+/-130.839 χ^2/NDF : 24.4/21

Left: -272.656+/-91.791 χ^2/NDF : 100.1/45

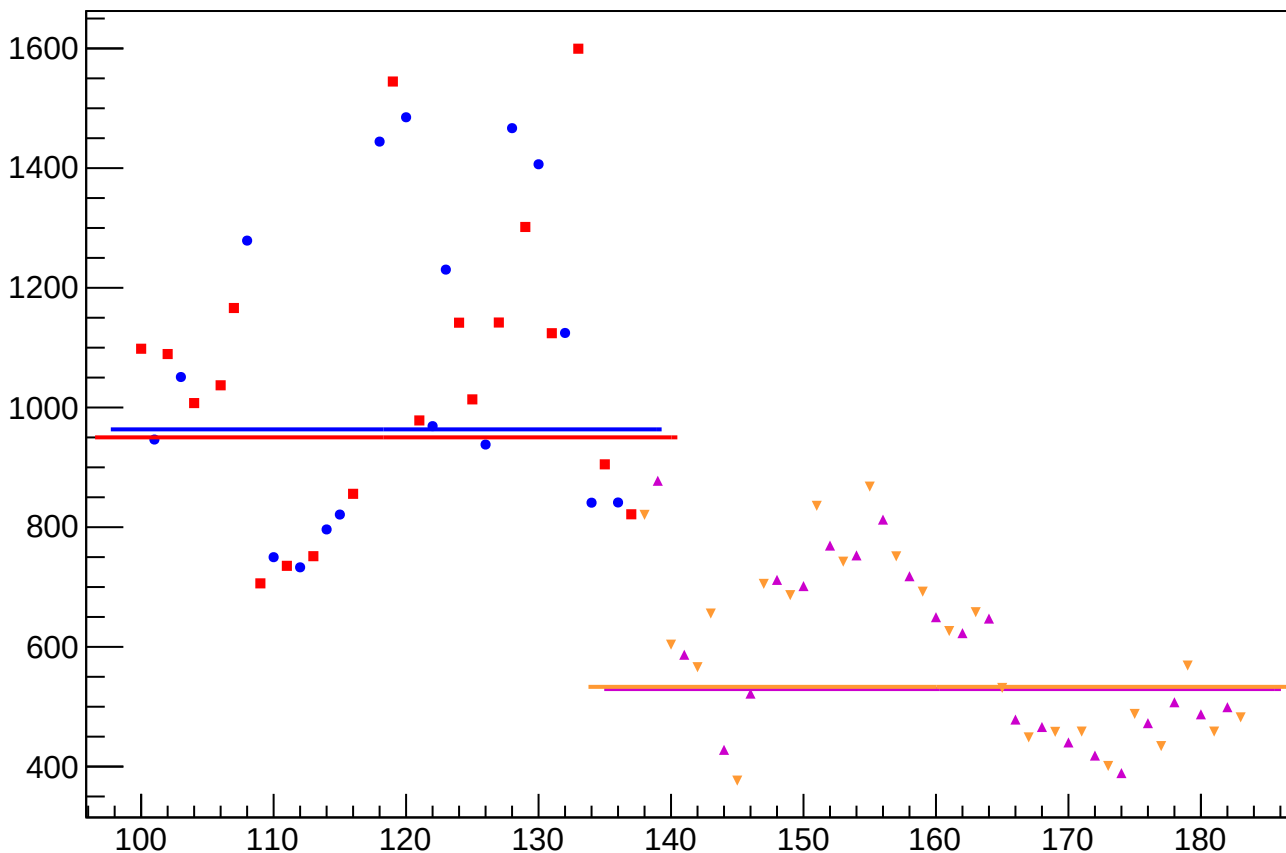
Right: 198.479+/-265.345 χ^2/NDF : 40.7/35

In: 16.642+/-123.844 χ^2/NDF : 50.0/38

Out: -452.467+/-121.548 χ^2/NDF : 86.3/42

All: -222.301+/-86.748 χ^2/NDF : 143.6/81

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 533.216+/-0.091 χ^2/NDF : 2029141.0/23

Right Out: 950.122+/-0.260 χ^2/NDF : 731958.5/18

Left In: 529.520+/-0.093 χ^2/NDF : 1781705.6/21

Left: 531.397+/-0.065 χ^2/NDF : 3811657.4/45

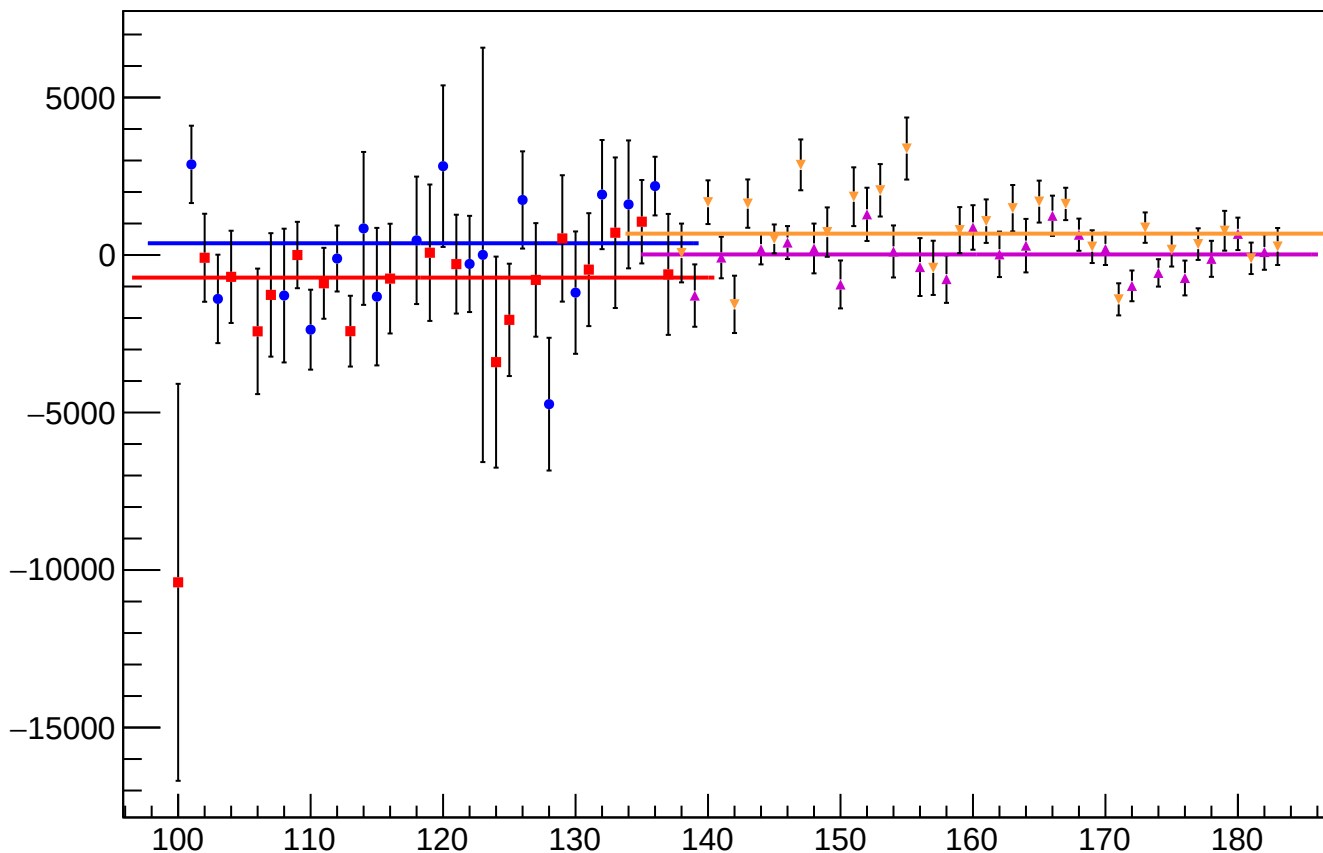
Right: 956.498+/-0.188 χ^2/NDF : 1422094.4/35

In: 574.680+/-0.088 χ^2/NDF : 4760145.8/38

Out: 578.904+/-0.086 χ^2/NDF : 5057044.7/42

All: 576.831+/-0.061 χ^2/NDF : 9818375.5/81

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896+/-383.661 χ^2/NDF : 25.3/16

Left Out: 678.199+/-129.480 χ^2/NDF : 60.2/23

Right Out: -717.404+/-371.769 χ^2/NDF : 10.1/18

Left In: 18.313+/-130.685 χ^2/NDF : 24.0/21

Left: 351.313+/-91.979 χ^2/NDF : 97.0/45

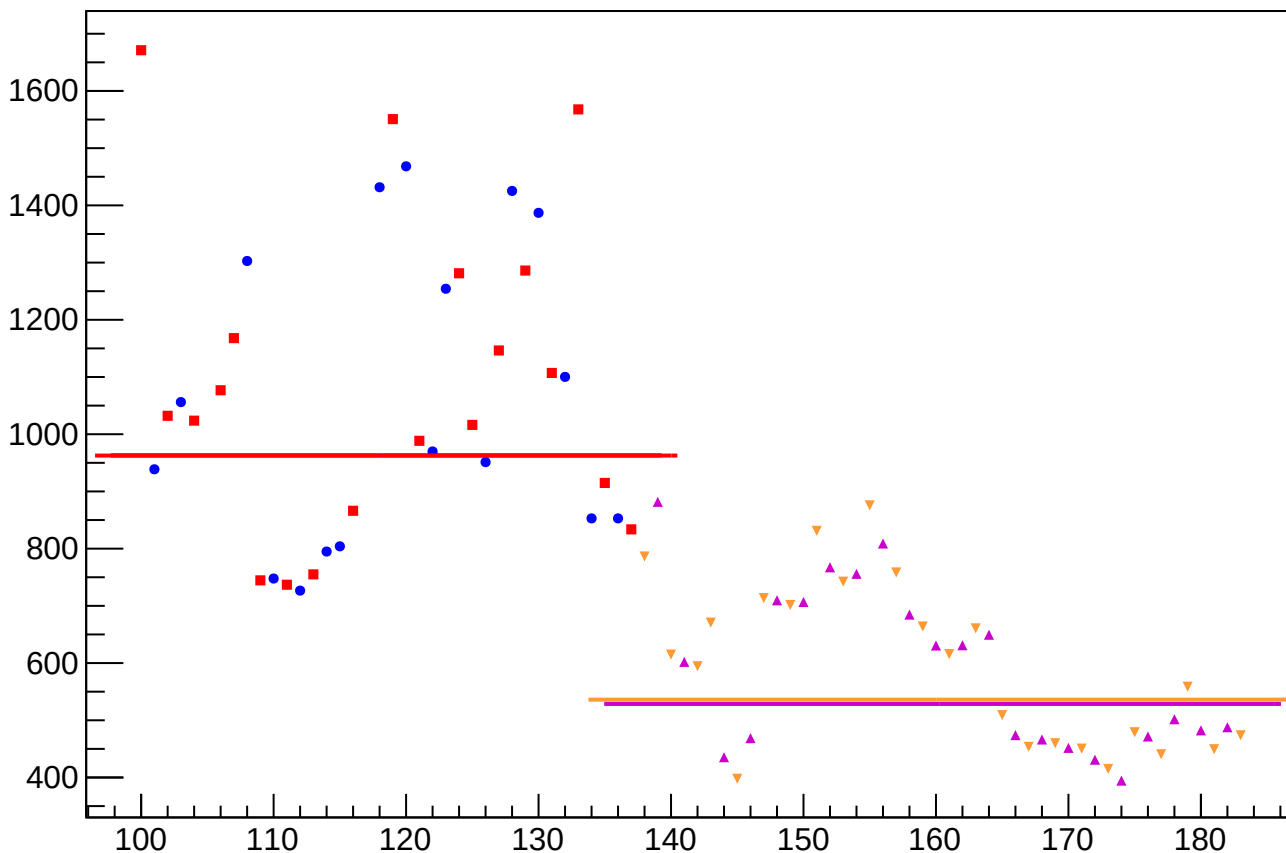
Right: -189.414+/-266.986 χ^2/NDF : 39.6/35

In: 55.177+/-123.705 χ^2/NDF : 50.0/38

Out: 527.227+/-122.276 χ^2/NDF : 82.8/42

All: 293.944+/-86.963 χ^2/NDF : 140.2/81

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 536.071 $\pm$ 0.092 χ^2 /NDF: 1906389.3/23

Right Out: 962.693 $\pm$ 0.263 χ^2 /NDF: 696385.7/18

Left In: 528.558 $\pm$ 0.092 χ^2 /NDF: 1711990.3/21

Left: 532.350 $\pm$ 0.065 χ^2 /NDF: 3621715.3/45

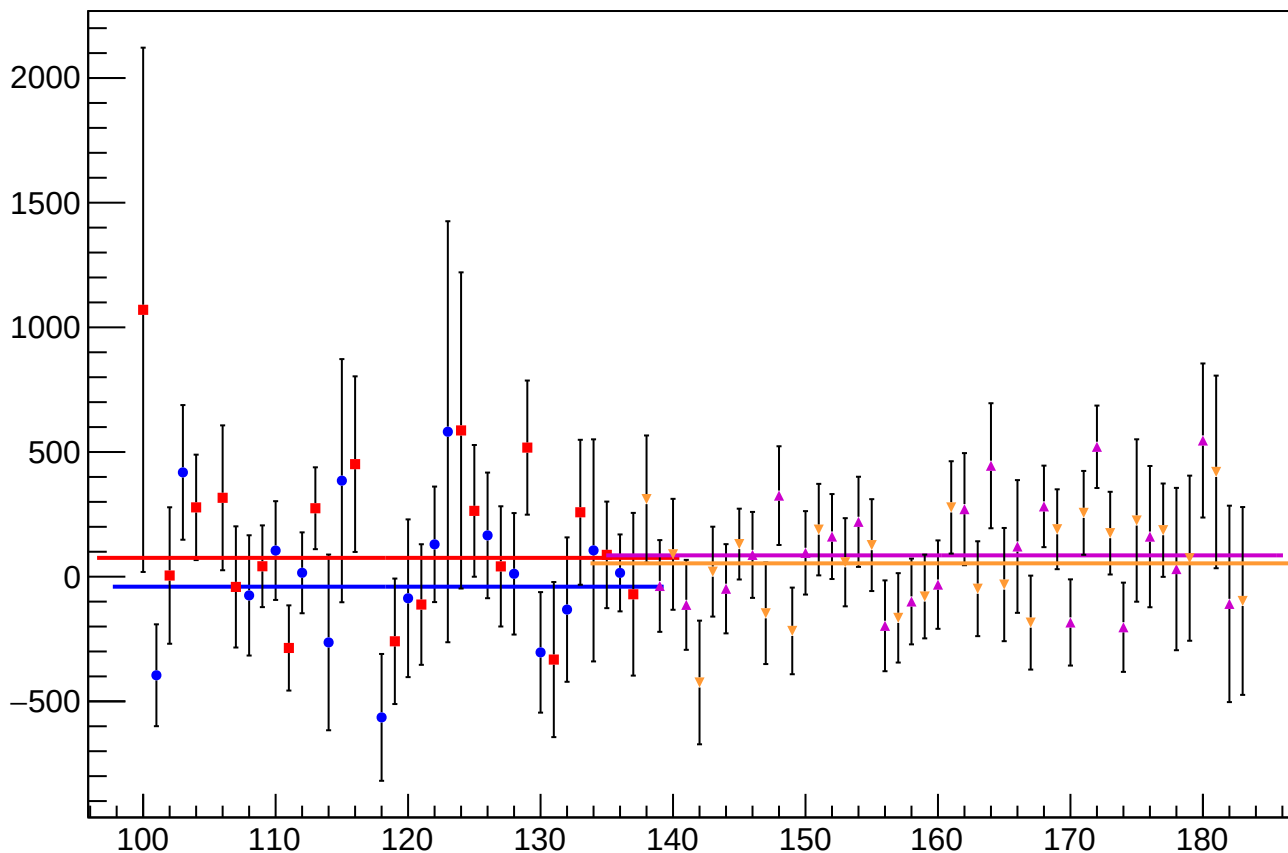
Right: 962.827 $\pm$ 0.189 χ^2 /NDF: 1363908.2/35

In: 573.721 $\pm$ 0.087 χ^2 /NDF: 4677054.0/38

Out: 582.222 $\pm$ 0.086 χ^2 /NDF: 4951584.6/42

All: 578.021 $\pm$ 0.061 χ^2 /NDF: 9633415.7/81

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 $\pm$ 59.256 χ^2/NDF : 15.3/16

Left Out: 53.460 $\pm$ 40.064 χ^2/NDF :19.4/23

Right Out: 75.460 $\pm$ 56.233 χ^2/NDF : 18.5/18

Left In: 85.497 $\pm$ 41.723 χ^2/NDF :27.2/21

Left: 68.829 $\pm$ 28.898 χ^2/NDF : 46.8/45

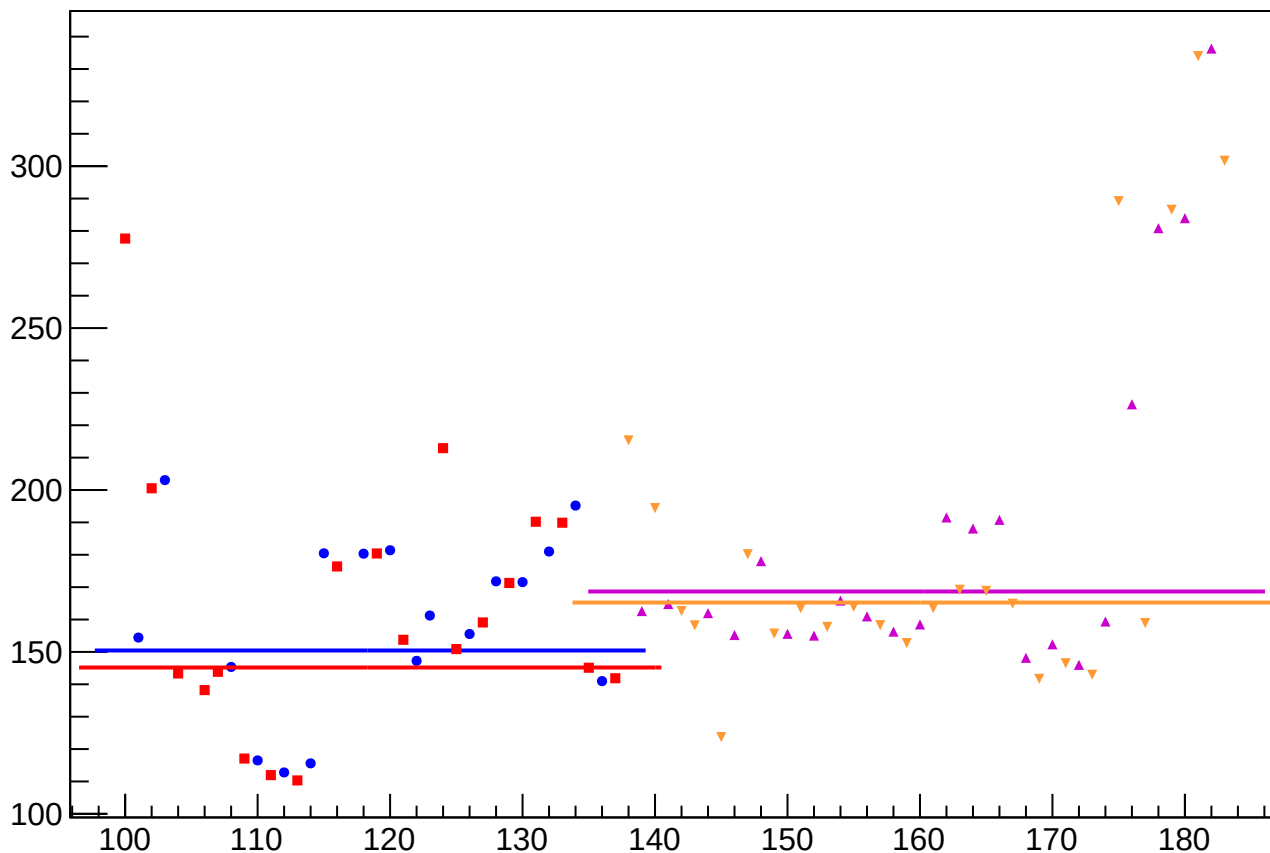
Right: 20.693 $\pm$ 40.790 χ^2/NDF : 35.8/35

In: 43.860 $\pm$ 34.115 χ^2/NDF :45.5/38

Out: 60.868 $\pm$ 32.630 χ^2/NDF :37.9/42

All: 52.742 $\pm$ 23.580 χ^2/NDF : 83.6/81

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16

Left Out: 165.252 $\pm$ 0.028 χ^2 /NDF:1630838.0/23

Right Out: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

Left In: 168.654 $\pm$ 0.030 χ^2 /NDF:1168694.1/21

Left: 166.884 $\pm$ 0.020 χ^2 /NDF: 2806449.4/45

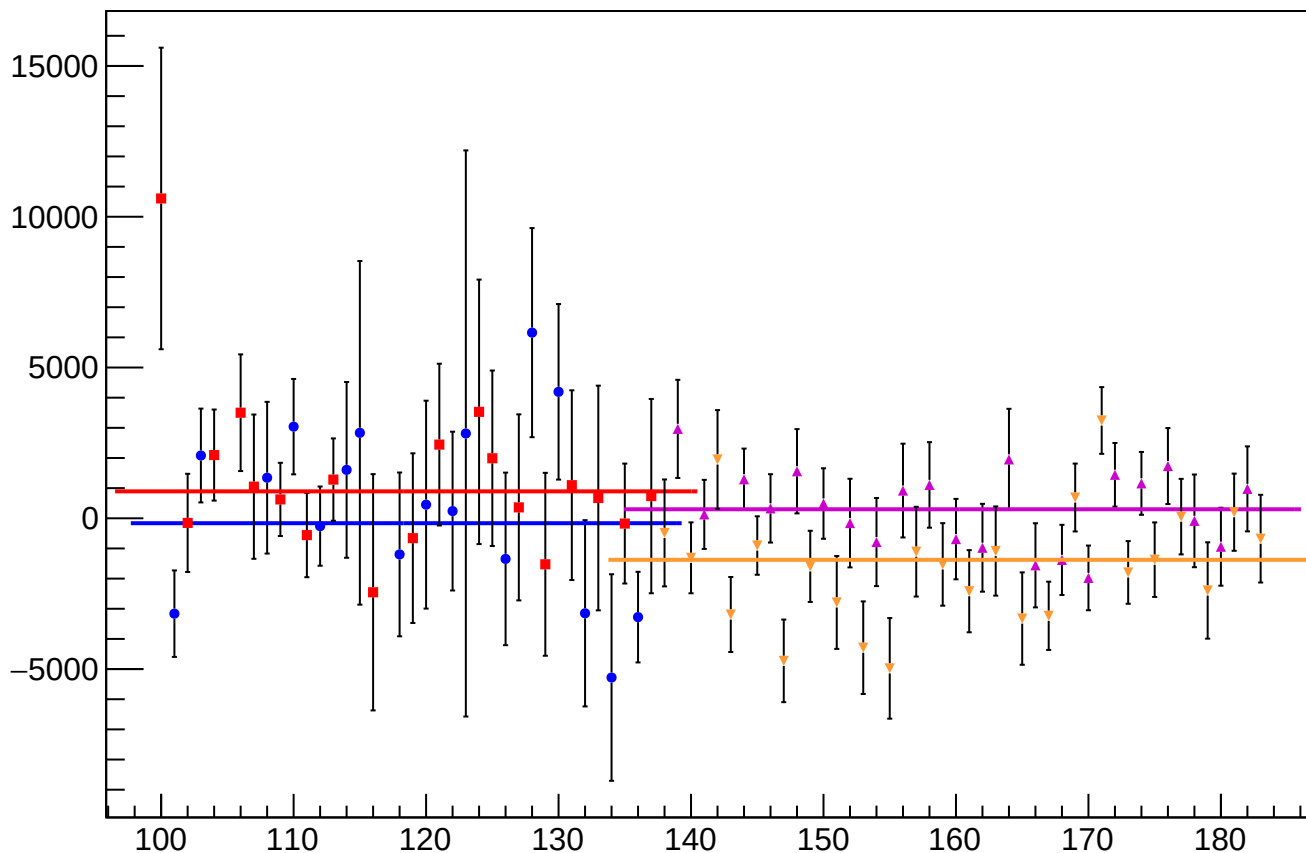
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 162.618 $\pm$ 0.024 χ^2 /NDF:1695126.3/38

Out: 158.496 $\pm$ 0.023 χ^2 /NDF:2335443.6/42

All: 160.465 $\pm$ 0.017 χ^2 /NDF: 4045813.5/81

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 $\pm$ 533.165 χ^2 /NDF: 25.1/16

Left Out: -1376.631 $\pm$ 266.585 χ^2 /NDF:51.3/23

Right Out: 893.137 $\pm$ 484.322 χ^2 /NDF: 10.7/18

Left In: 298.908 $\pm$ 272.603 χ^2 /NDF:20.6/21

Left: -557.561 $\pm$ 190.596 χ^2 /NDF: 91.3/45

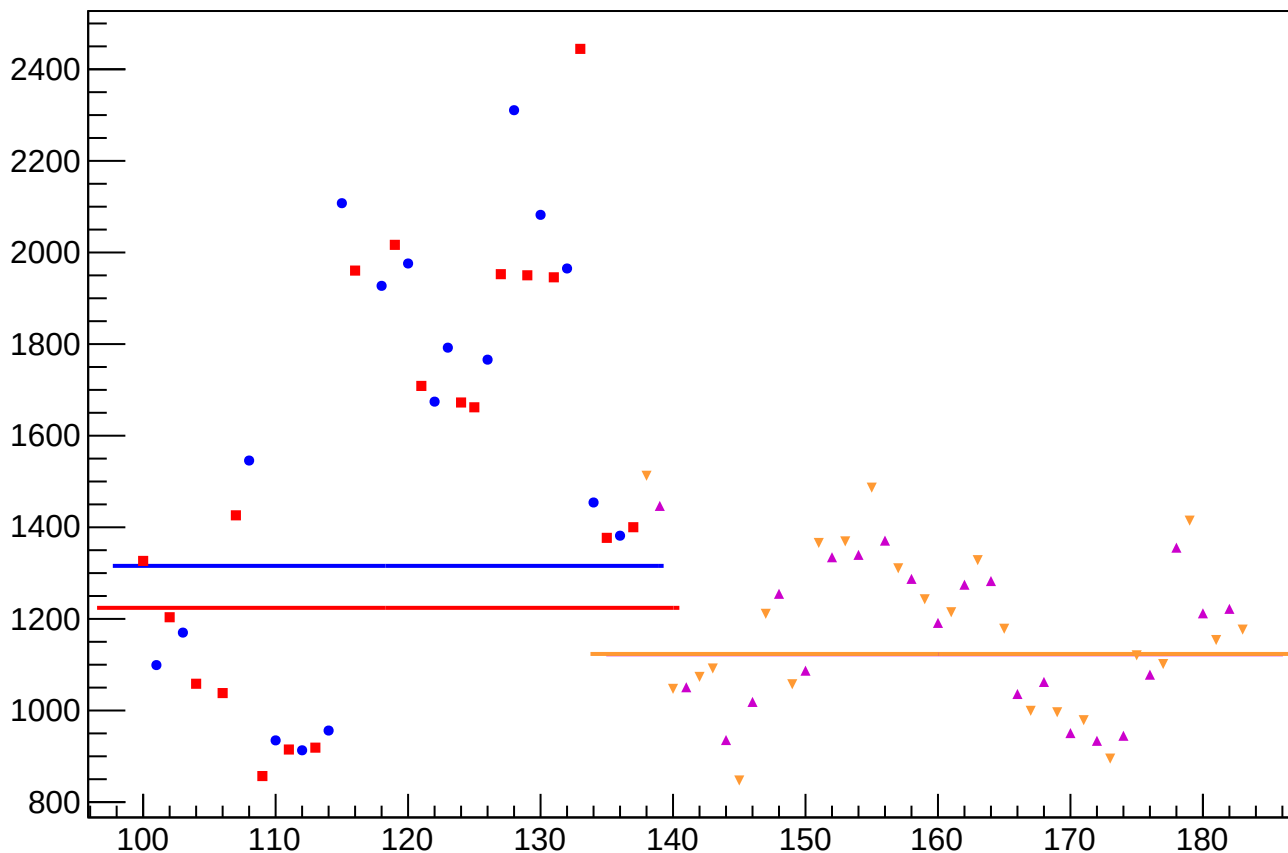
Right: 415.737 $\pm$ 358.494 χ^2 /NDF: 37.9/35

In: 203.221 $\pm$ 242.717 χ^2 /NDF:46.3/38

Out: -848.856 $\pm$ 233.543 χ^2 /NDF:78.8/42

All: -343.075 $\pm$ 168.290 χ^2 /NDF: 134.9/81

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784 $\pm$ 0.377 χ^2 /NDF: 1118346.6/16

Left Out: 1123.480 $\pm$ 0.189 χ^2 /NDF: 828409.5/23

Right Out: 1224.149 $\pm$ 0.342 χ^2 /NDF: 1363902.7/18

Left In: 1122.787 $\pm$ 0.193 χ^2 /NDF: 655203.5/21

Left: 1123.141 $\pm$ 0.135 χ^2 /NDF: 1483619.6/45

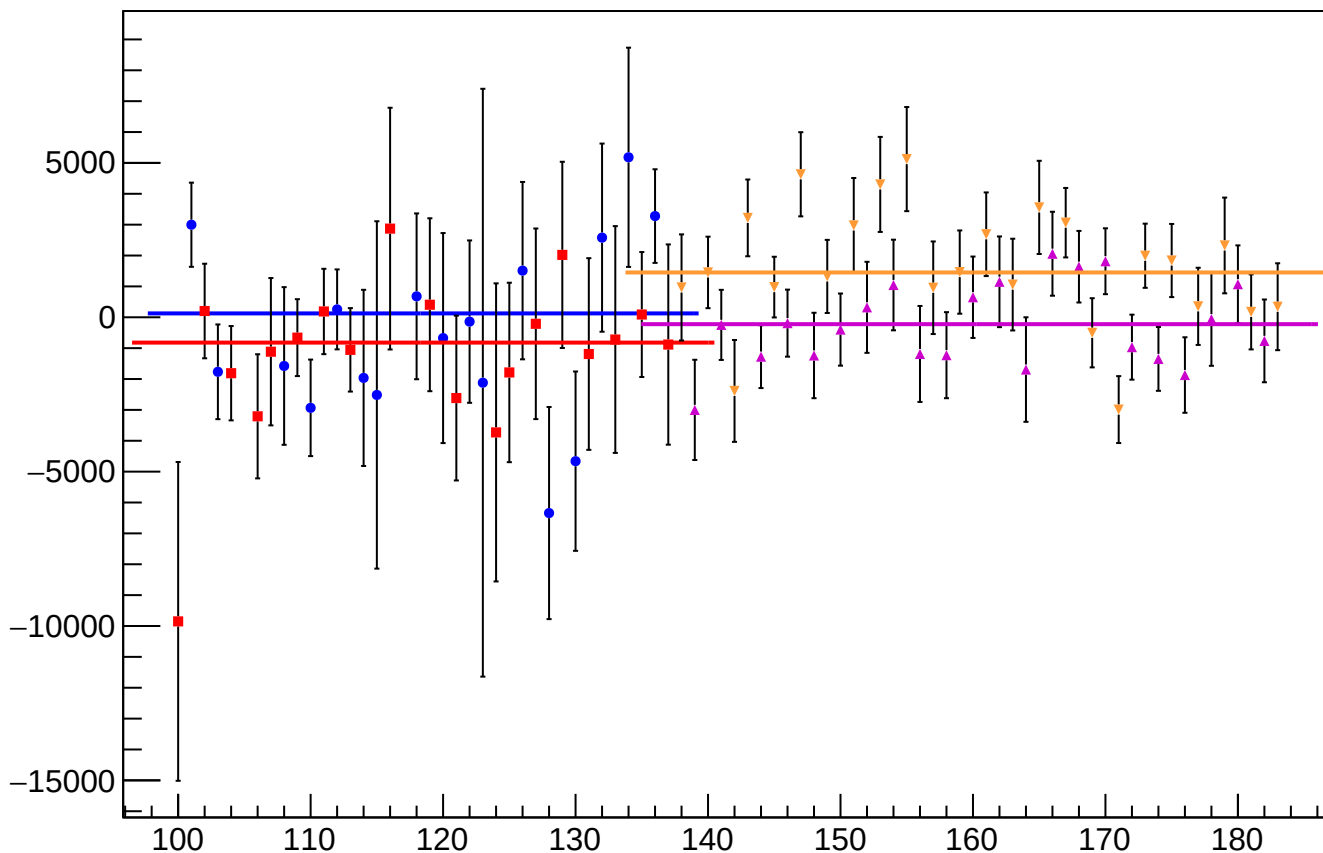
Right: 1265.578 $\pm$ 0.253 χ^2 /NDF: 2514618.3/35

In: 1162.784 $\pm$ 0.172 χ^2 /NDF: 1981305.5/38

Out: 1146.888 $\pm$ 0.165 χ^2 /NDF: 2258628.8/42

All: 1154.530 $\pm$ 0.119 χ^2 /NDF: 4244388.8/81

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2/NDF : 24.7/16

Left Out: 1451.591 $\pm$ 264.177 χ^2/NDF : 50.4/23

Right Out: -820.213 $\pm$ 484.659 χ^2/NDF : 9.1/18

Left In: -223.108 $\pm$ 269.563 χ^2/NDF : 22.2/21

Left: 631.140 $\pm$ 188.677 χ^2/NDF : 92.3/45

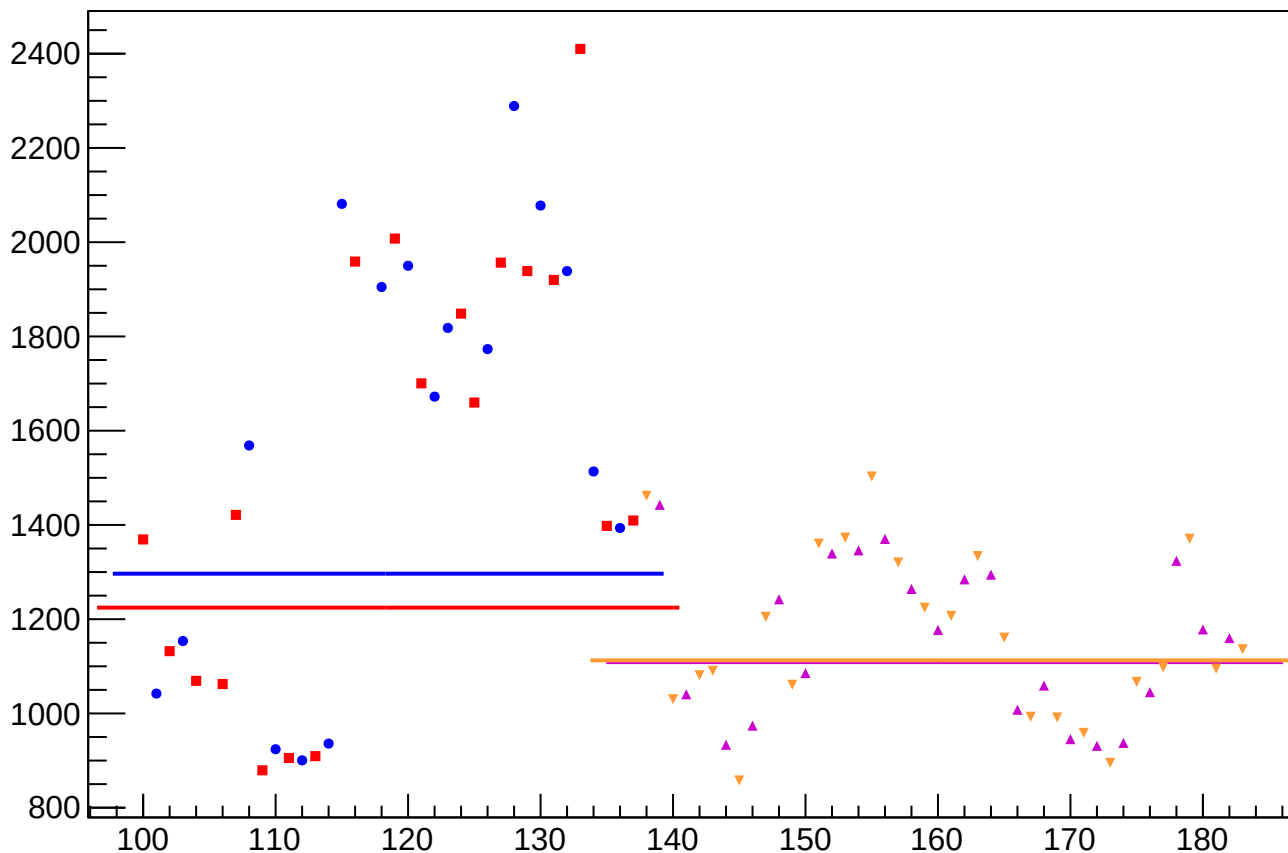
Right: -386.748 $\pm$ 356.675 χ^2/NDF : 35.5/35

In: -150.797 $\pm$ 239.971 χ^2/NDF : 47.2/38

Out: 931.223 $\pm$ 231.956 χ^2/NDF : 76.4/42

All: 408.584 $\pm$ 166.779 χ^2/NDF : 134.1/81

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1112.640 $\pm$ 0.187 χ^2 /NDF: 799599.6/23

Right Out: 1224.561 $\pm$ 0.343 χ^2 /NDF: 1348274.4/18

Left In: 1108.951 $\pm$ 0.191 χ^2 /NDF: 670420.0/21

Left: 1110.833 $\pm$ 0.133 χ^2 /NDF: 1470210.7/45

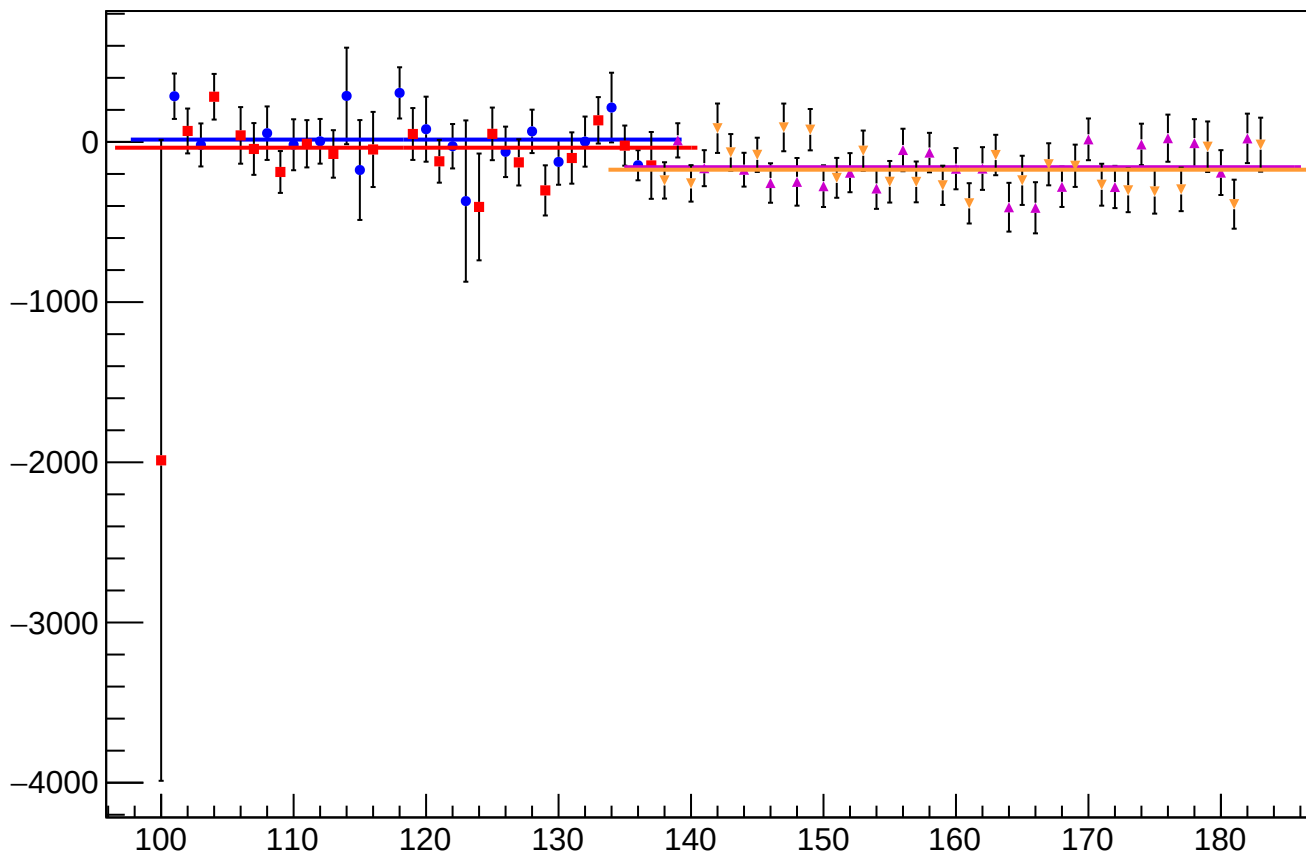
Right: 1257.572 $\pm$ 0.252 χ^2 /NDF: 2543980.3/35

In: 1147.884 $\pm$ 0.170 χ^2 /NDF: 2046934.0/38

Out: 1138.276 $\pm$ 0.164 χ^2 /NDF: 2230099.4/42

All: 1142.916 $\pm$ 0.118 χ^2 /NDF: 4278690.8/81

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$

Left Out: -173.465 ± 26.708 $\chi^2/\text{NDF}: 25.1/23$

Right Out: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$

Left In: -157.837 ± 27.732 $\chi^2/\text{NDF}: 20.7/21$

Left: -165.945 ± 19.237 $\chi^2/\text{NDF}: 45.9/45$

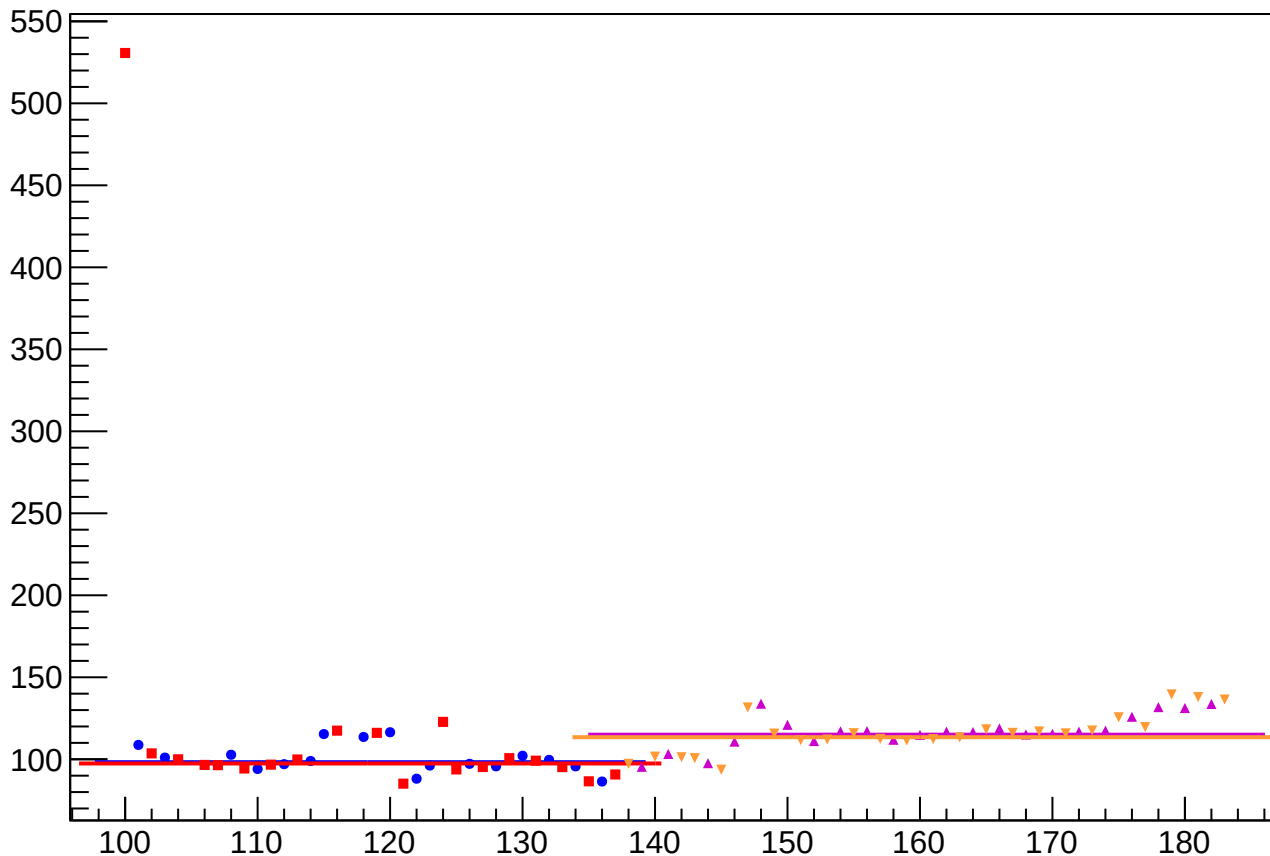
Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$

In: -97.955 ± 22.405 $\chi^2/\text{NDF}: 48.3/38$

Out: -125.953 ± 21.599 $\chi^2/\text{NDF}: 49.7/42$

All: -112.466 ± 15.550 $\chi^2/\text{NDF}: 98.8/81$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2 /NDF: 100510.4/16

Left Out: 113.459+/-0.019 χ^2 /NDF: 370817.2/23

Right Out: 97.436+/-0.026 χ^2 /NDF: 190066.6/18

Left In: 114.997+/-0.020 χ^2 /NDF: 282197.4/21

Left: 114.199+/-0.014 χ^2 /NDF: 656207.0/45

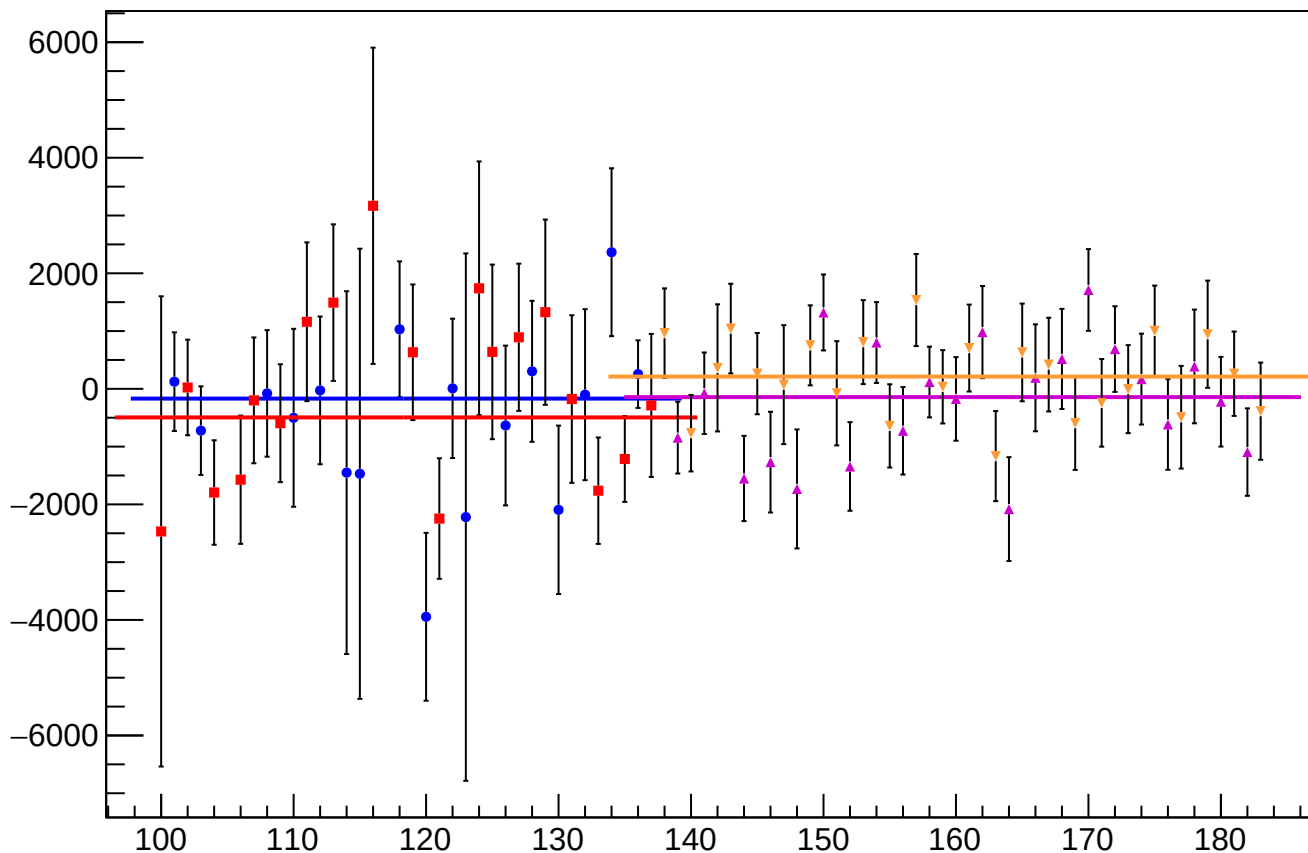
Right: 97.814+/-0.019 χ^2 /NDF: 291015.4/35

In: 109.170+/-0.016 χ^2 /NDF: 636960.6/38

Out: 107.916+/-0.015 χ^2 /NDF: 809905.6/42

All: 108.520+/-0.011 χ^2 /NDF: 1450114.6/81

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 $\chi^2/\text{NDF}: 14.6/16$

Left Out: 212.214 ± 159.605 $\chi^2/\text{NDF}: 18.0/23$

Right Out: -494.868 ± 267.430 $\chi^2/\text{NDF}: 19.8/18$

Left In: -143.274 ± 162.467 $\chi^2/\text{NDF}: 36.9/21$

Left: 37.629 ± 113.856 $\chi^2/\text{NDF}: 57.3/45$

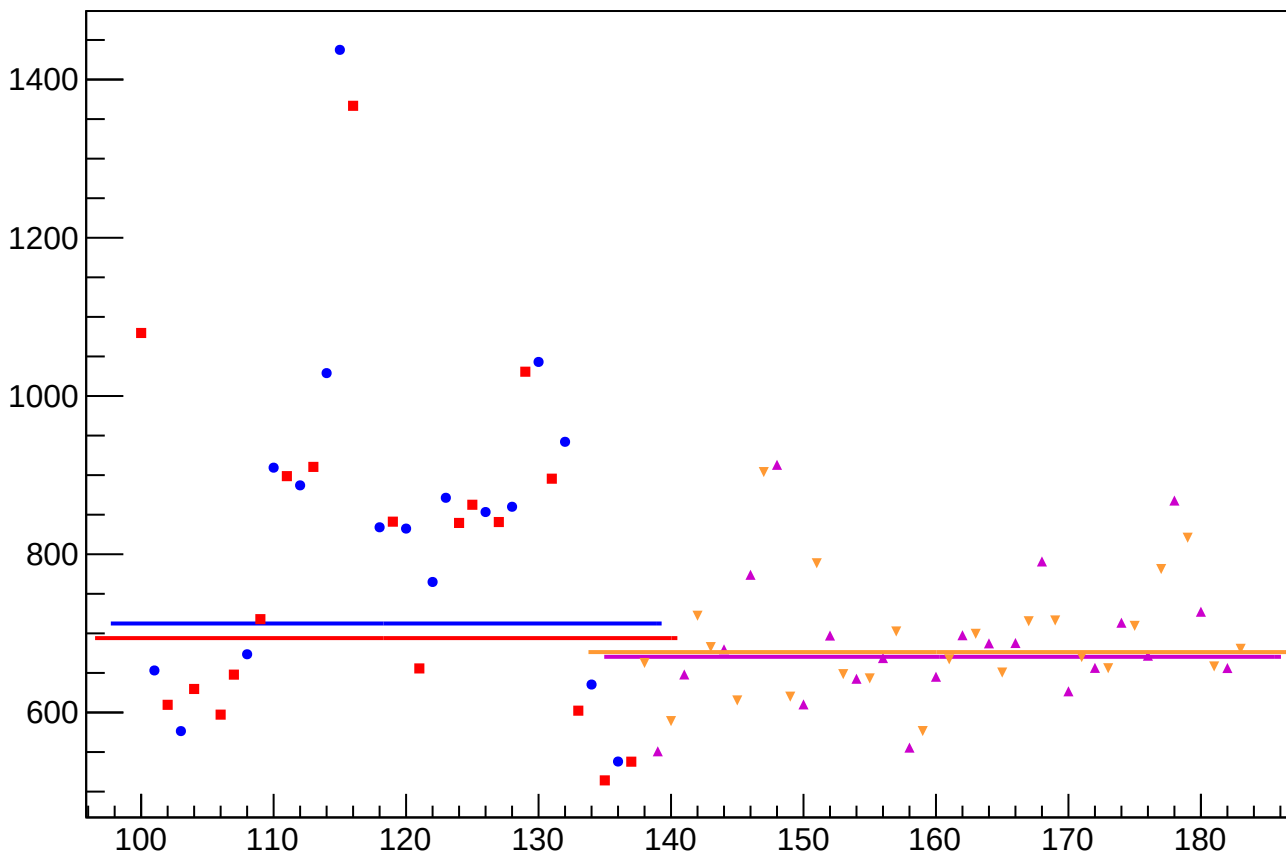
Right: -340.578 ± 194.106 $\chi^2/\text{NDF}: 35.1/35$

In: -149.630 ± 140.797 $\chi^2/\text{NDF}: 51.5/38$

Out: 26.509 ± 137.053 $\chi^2/\text{NDF}: 43.0/42$

All: -59.187 ± 98.208 $\chi^2/\text{NDF}: 95.3/81$

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 676.348+/-0.113 χ^2/NDF : 351081.1/23

Right Out: 694.014+/-0.189 χ^2/NDF : 674989.2/18

Left In: 670.368+/-0.115 χ^2/NDF : 459494.0/21

Left: 673.411+/-0.081 χ^2/NDF : 811953.8/45

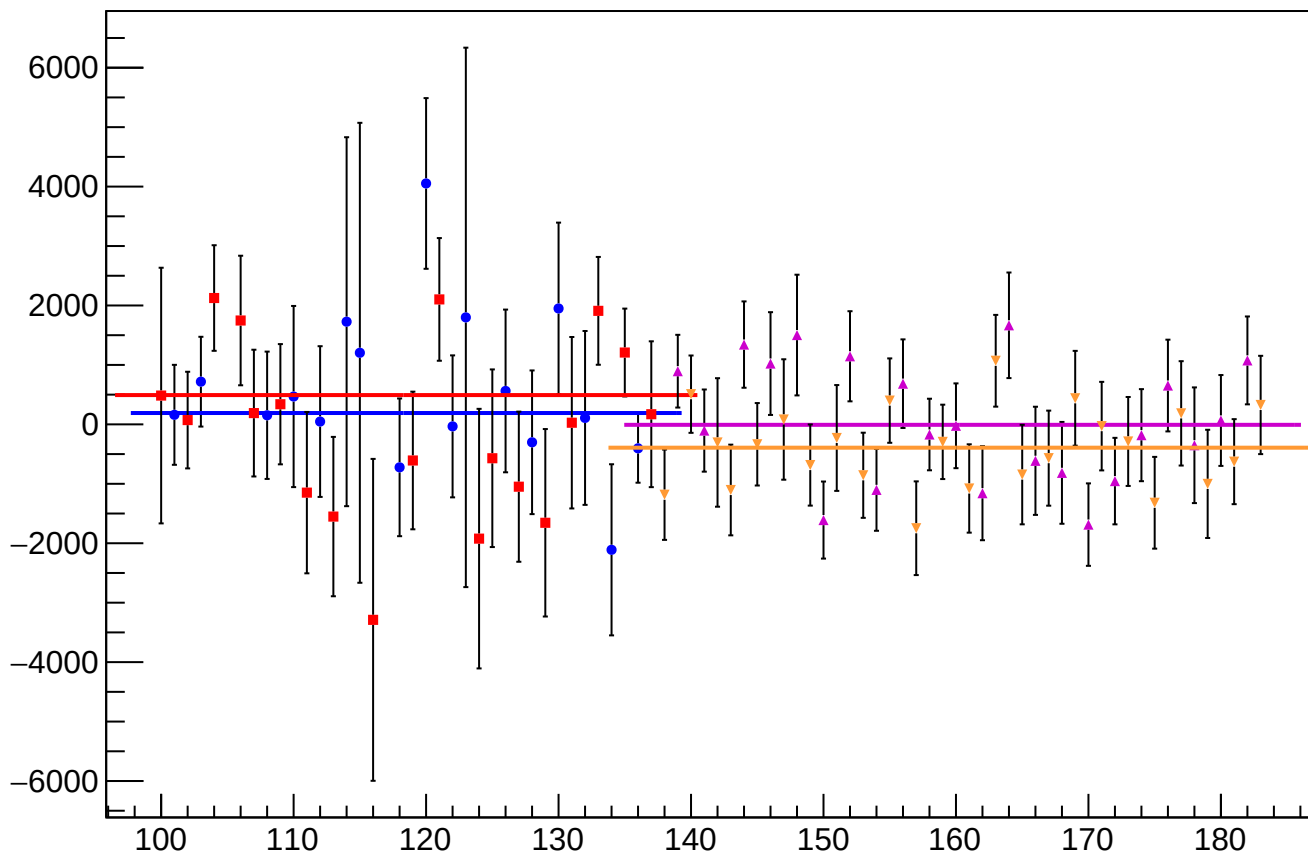
Right: 702.750+/-0.137 χ^2/NDF : 1340019.7/35

In: 680.852+/-0.100 χ^2/NDF : 1153461.9/38

Out: 680.988+/-0.097 χ^2/NDF : 1032506.0/42

All: 680.922+/-0.069 χ^2/NDF : 2185968.8/81

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880+/-278.670 χ^2/NDF : 14.2/16

Left Out: -392.404+/-157.190 χ^2/NDF :18.3/23

Right Out: 492.659+/-262.648 χ^2/NDF : 22.8/18

Left In: -7.885+/-159.966 χ^2/NDF :38.8/21

Left: -203.509+/-112.119 χ^2/NDF : 60.0/45

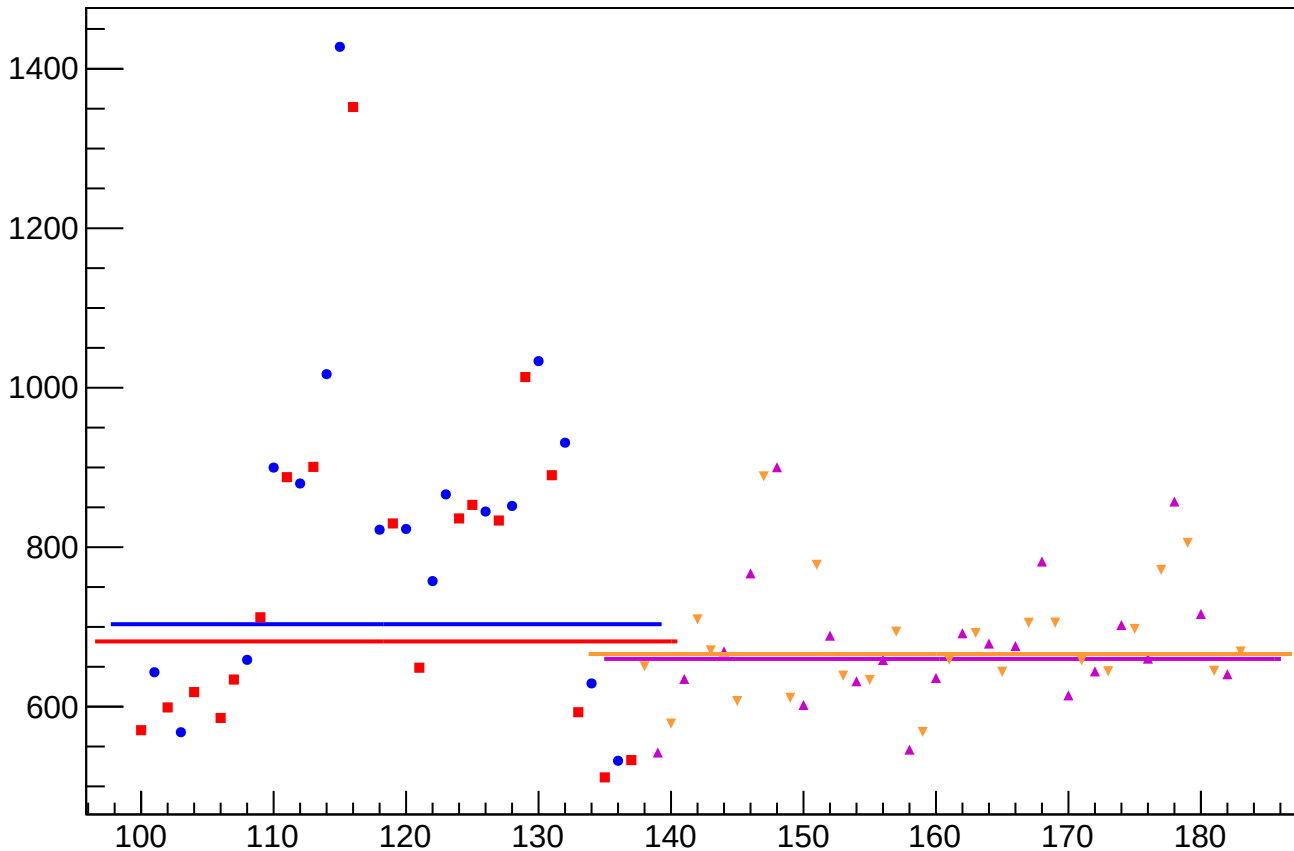
Right: 350.694+/-191.134 χ^2/NDF : 37.6/35

In: 41.378+/-138.733 χ^2/NDF :53.4/38

Out: -158.995+/-134.880 χ^2/NDF :49.4/42

All: -61.630+/-96.708 χ^2/NDF : 103.9/81

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 666.001 $\pm$ 0.111 χ^2 /NDF: 350746.8/23

Right Out: 681.807 $\pm$ 0.186 χ^2 /NDF: 664797.9/18

Left In: 659.840 $\pm$ 0.113 χ^2 /NDF: 471155.7/21

Left: 662.974 $\pm$ 0.079 χ^2 /NDF: 823412.1/45

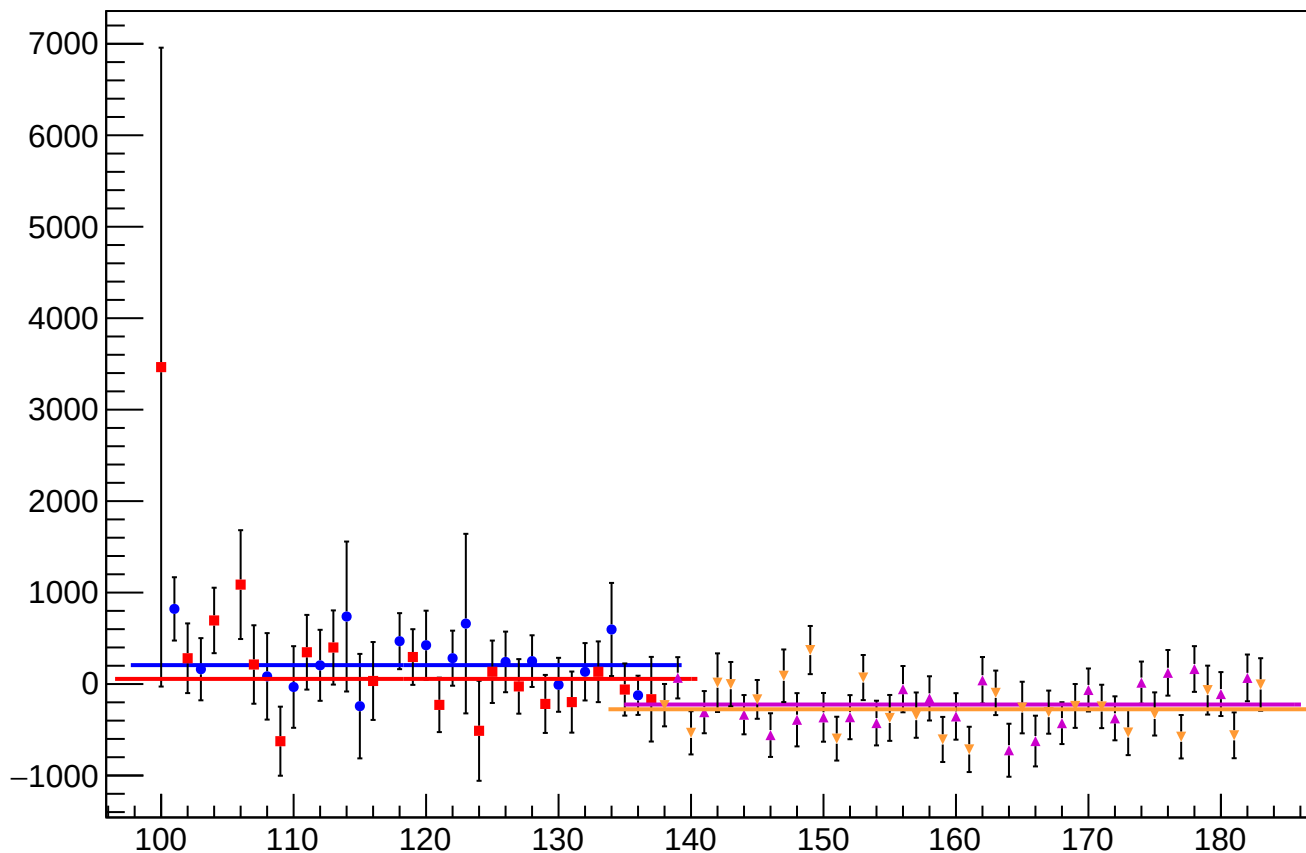
Right: 691.968 $\pm$ 0.135 χ^2 /NDF: 1338046.5/35

In: 670.637 $\pm$ 0.098 χ^2 /NDF: 1174808.8/38

Out: 670.169 $\pm$ 0.095 χ^2 /NDF: 1020877.3/42

All: 670.397 $\pm$ 0.068 χ^2 /NDF: 2195697.9/81

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 $\pm$ 85.632 χ^2 /NDF: 9.5/16

Left Out: -275.772 $\pm$ 50.797 χ^2 /NDF:26.3/23

Right Out: 56.213 $\pm$ 85.167 χ^2 /NDF: 16.6/18

Left In: -223.931 $\pm$ 52.407 χ^2 /NDF:21.2/21

Left: -250.660 $\pm$ 36.475 χ^2 /NDF: 47.9/45

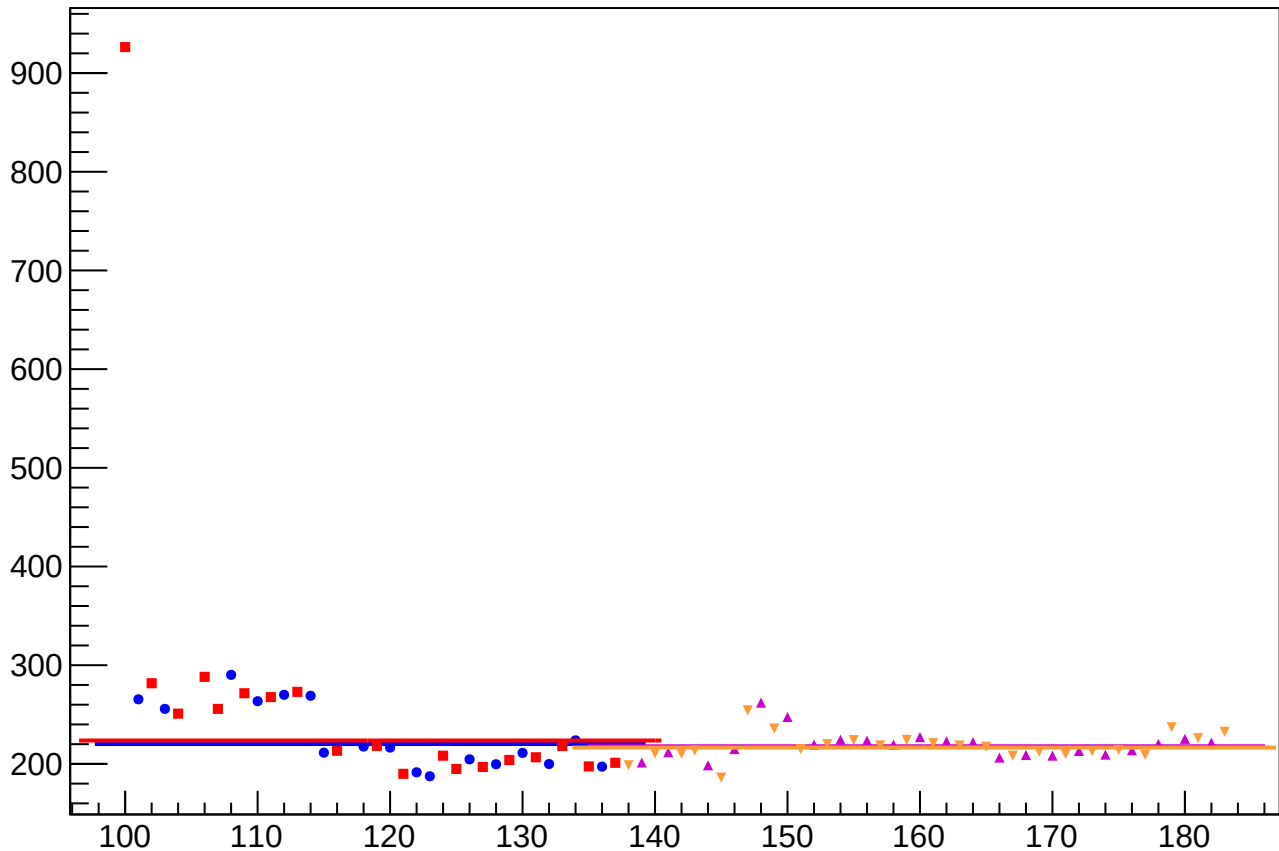
Right: 131.133 $\pm$ 60.386 χ^2 /NDF: 27.7/35

In: -106.542 $\pm$ 44.700 χ^2 /NDF:49.1/38

Out: -188.660 $\pm$ 43.627 χ^2 /NDF:54.1/42

All: -148.599 $\pm$ 31.221 χ^2 /NDF: 104.9/81

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 $\pm$ 0.061 χ^2 /NDF: 228444.0/16

Left Out: 216.545 $\pm$ 0.036 χ^2 /NDF: 133887.2/23

Right Out: 223.705 $\pm$ 0.060 χ^2 /NDF: 353242.3/18

Left In: 217.859 $\pm$ 0.037 χ^2 /NDF: 122241.8/21

Left: 217.181 $\pm$ 0.026 χ^2 /NDF: 256777.1/45

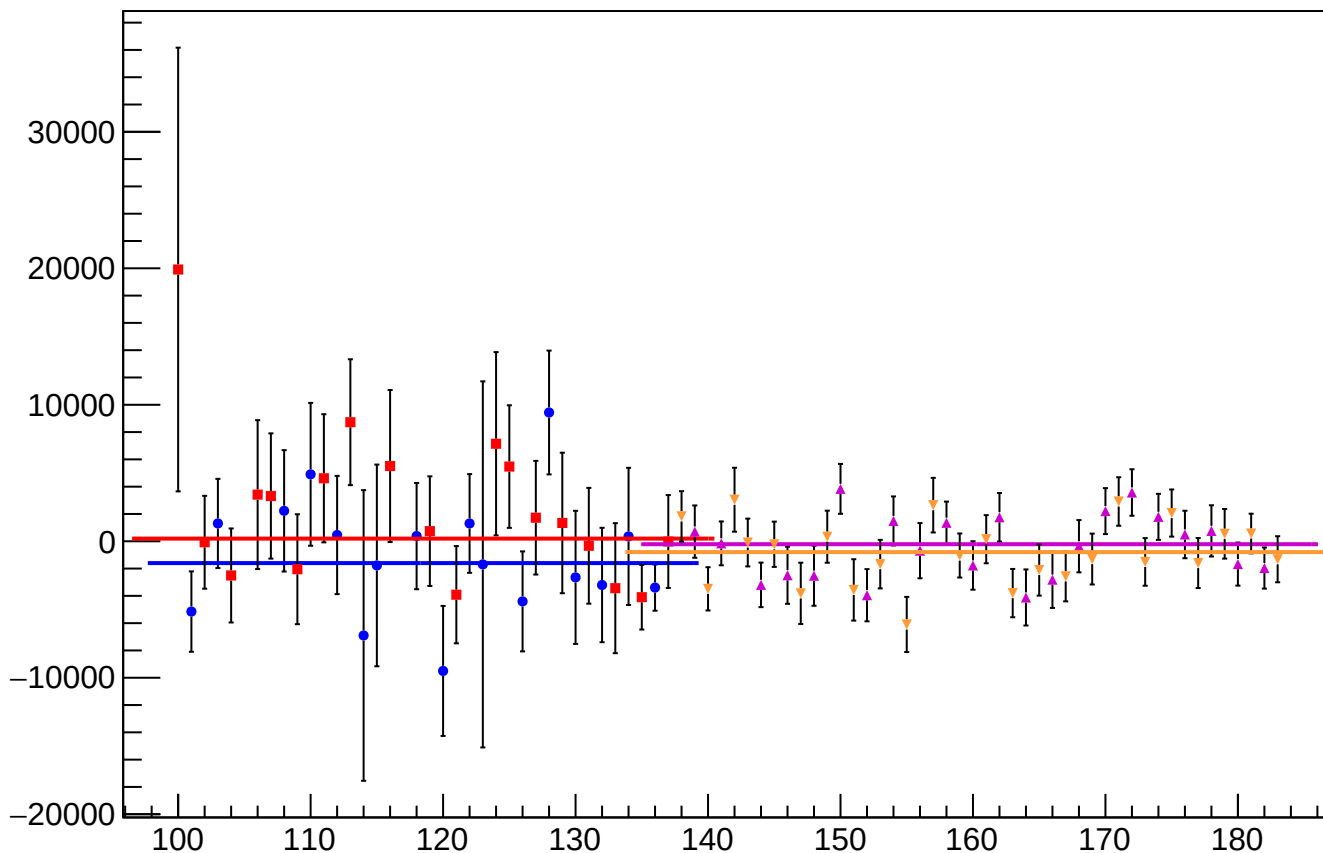
Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35

In: 218.478 $\pm$ 0.032 χ^2 /NDF: 351712.1/38

Out: 218.424 $\pm$ 0.031 χ^2 /NDF: 497558.1/42

All: 218.450 $\pm$ 0.022 χ^2 /NDF: 849271.7/81

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 ± 921.042 $\chi^2/\text{NDF}: 16.6/16$

Left Out: -793.698 ± 368.971 $\chi^2/\text{NDF}: 35.3/23$

Right Out: 194.970 ± 947.480 $\chi^2/\text{NDF}: 16.3/18$

Left In: -215.535 ± 380.908 $\chi^2/\text{NDF}: 34.8/21$

Left: -513.818 ± 265.022 $\chi^2/\text{NDF}: 71.3/45$

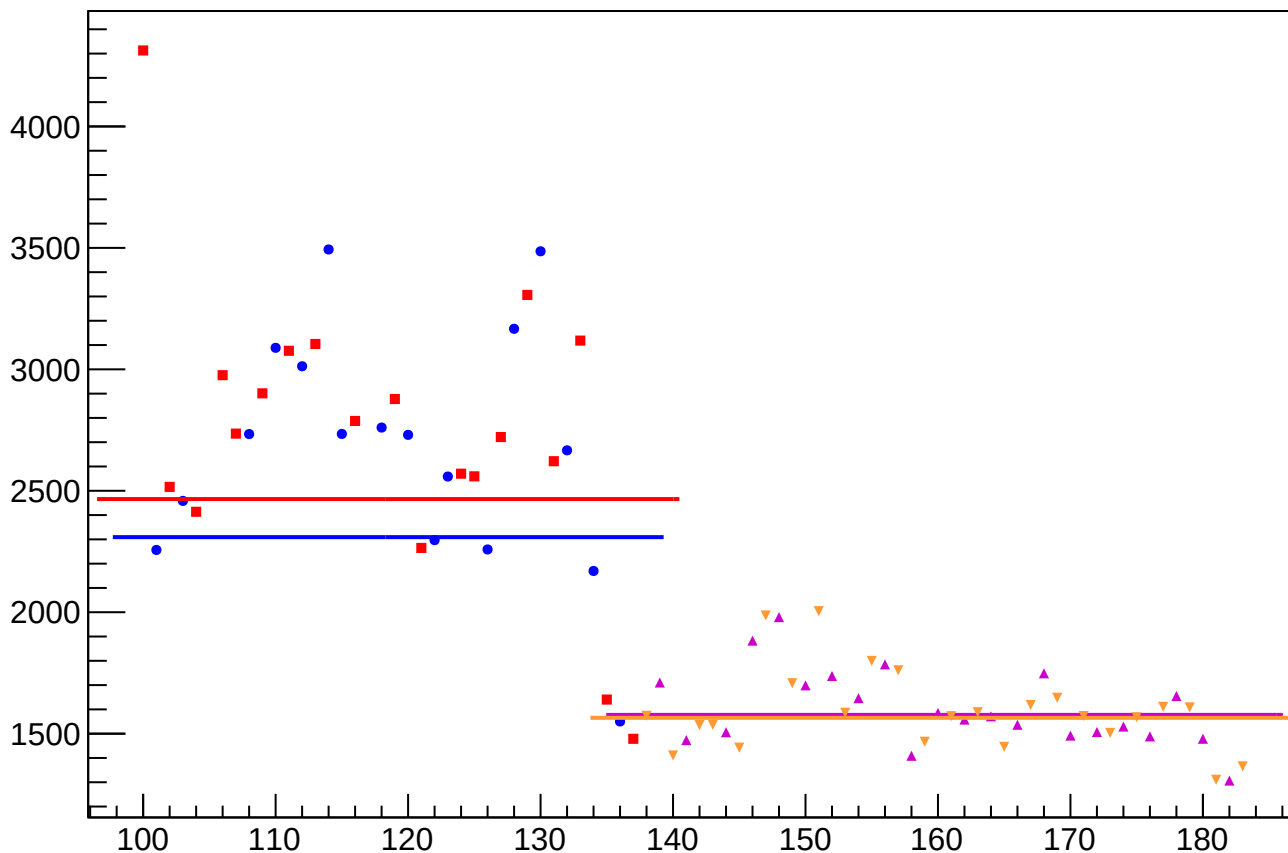
Right: -727.416 ± 660.424 $\chi^2/\text{NDF}: 34.8/35$

In: -417.602 ± 351.995 $\chi^2/\text{NDF}: 53.4/38$

Out: -663.510 ± 343.820 $\chi^2/\text{NDF}: 52.5/42$

All: -543.444 ± 245.957 $\chi^2/\text{NDF}: 106.2/81$

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132 $\pm$ 0.651 χ^2 /NDF: 800728.2/16

Left Out: 1565.153 $\pm$ 0.261 χ^2 /NDF: 351109.3/23

Right Out: 2465.900 $\pm$ 0.670 χ^2 /NDF: 694086.3/18

Left In: 1577.349 $\pm$ 0.269 χ^2 /NDF: 309576.7/21

Left: 1571.057 $\pm$ 0.187 χ^2 /NDF: 661743.7/45

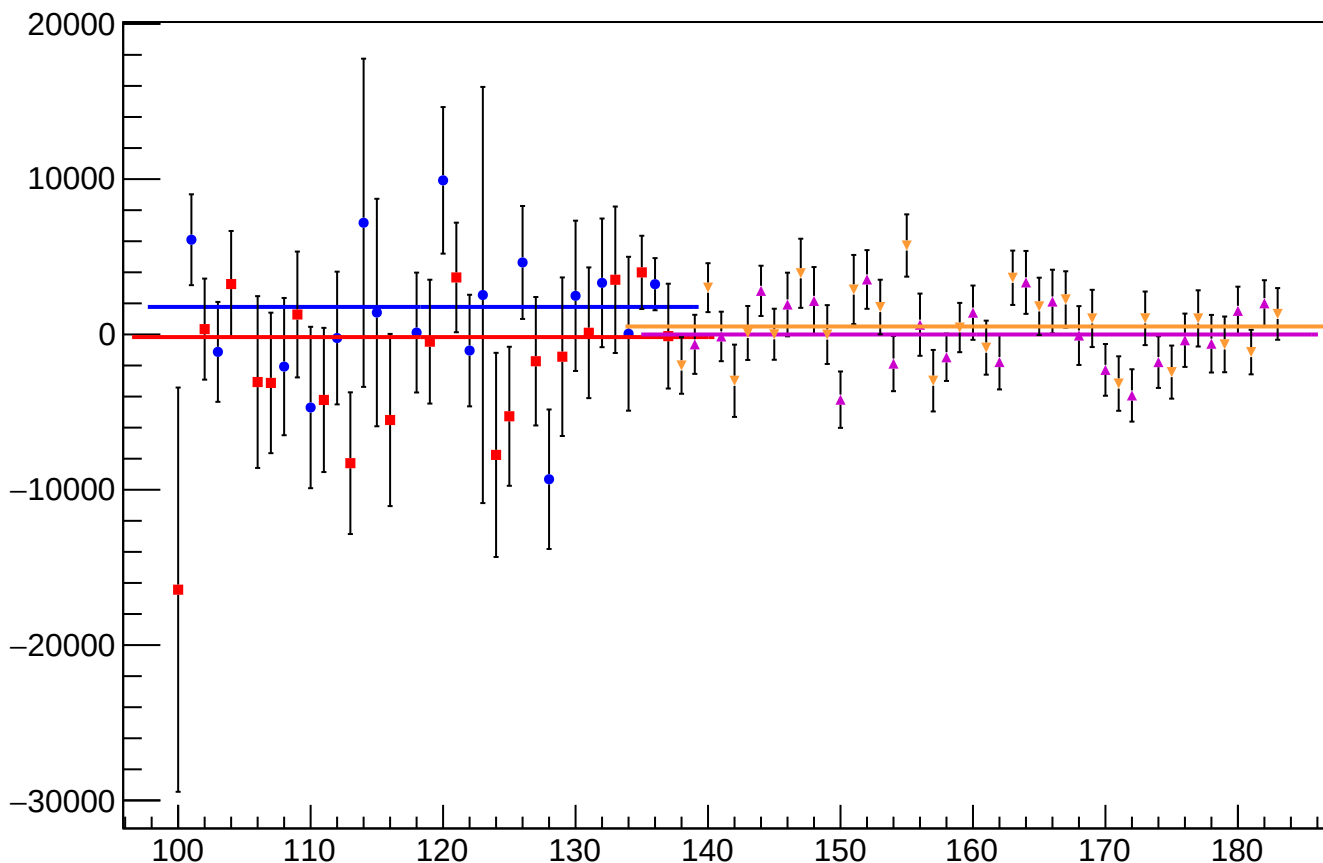
Right: 2385.298 $\pm$ 0.467 χ^2 /NDF: 1522965.3/35

In: 1684.229 $\pm$ 0.249 χ^2 /NDF: 2188421.8/38

Out: 1683.764 $\pm$ 0.243 χ^2 /NDF: 2614741.3/42

All: 1683.991 $\pm$ 0.174 χ^2 /NDF: 4803164.9/81

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 511.737+/-364.769 χ^2/NDF : 35.6/23

Right Out: -170.902+/-937.411 χ^2/NDF : 16.0/18

Left In: -3.667+/-376.293 χ^2/NDF : 32.9/21

Left: 262.047+/-261.910 χ^2/NDF : 69.4/45

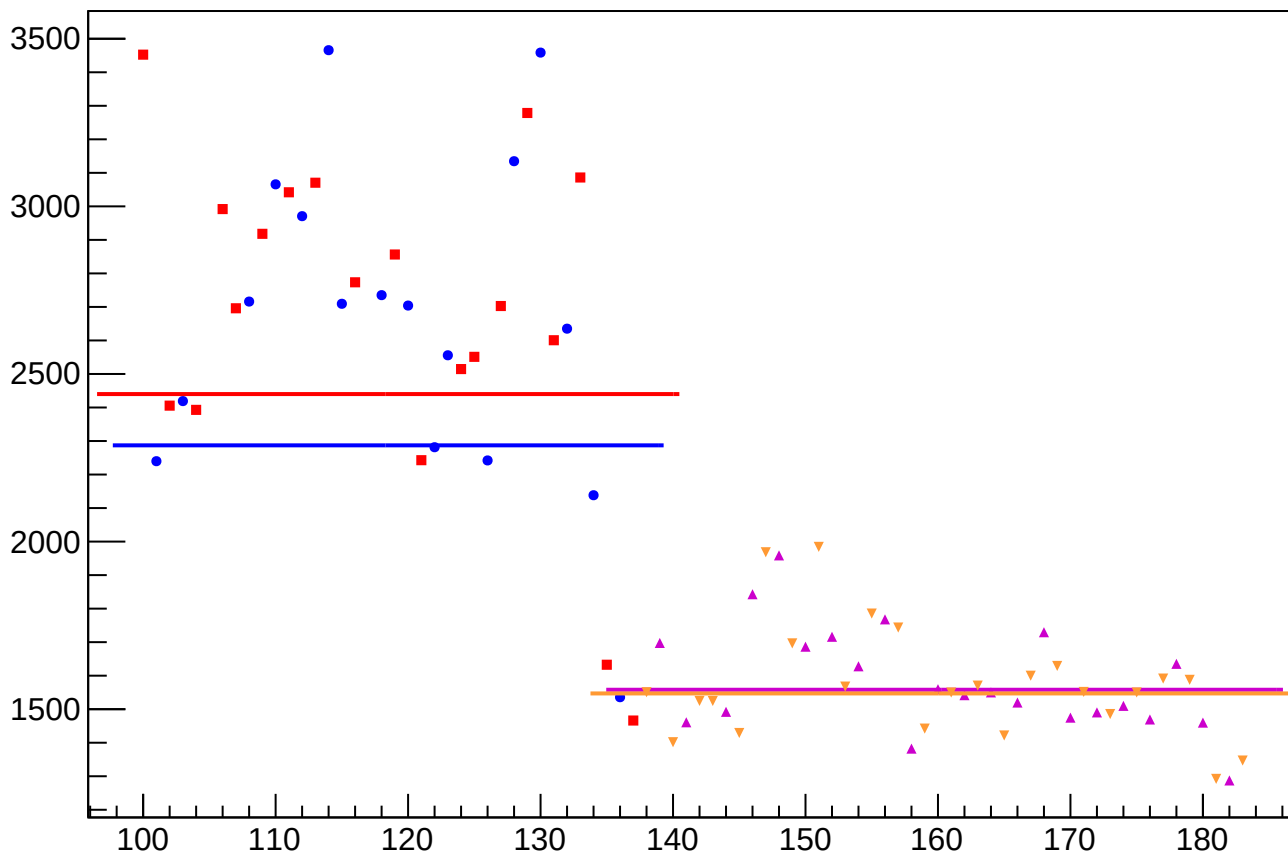
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 254.384+/-347.865 χ^2/NDF : 53.4/38

Out: 421.966+/-339.940 χ^2/NDF : 52.1/42

All: 340.106+/-243.127 χ^2/NDF : 105.6/81

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1547.007+/-0.258 χ^2/NDF : 358246.0/23

Right Out: 2440.067+/-0.663 χ^2/NDF : 679108.5/18

Left In: 1558.014+/-0.266 χ^2/NDF : 313797.9/21

Left: 1552.339+/-0.185 χ^2/NDF : 672926.1/45

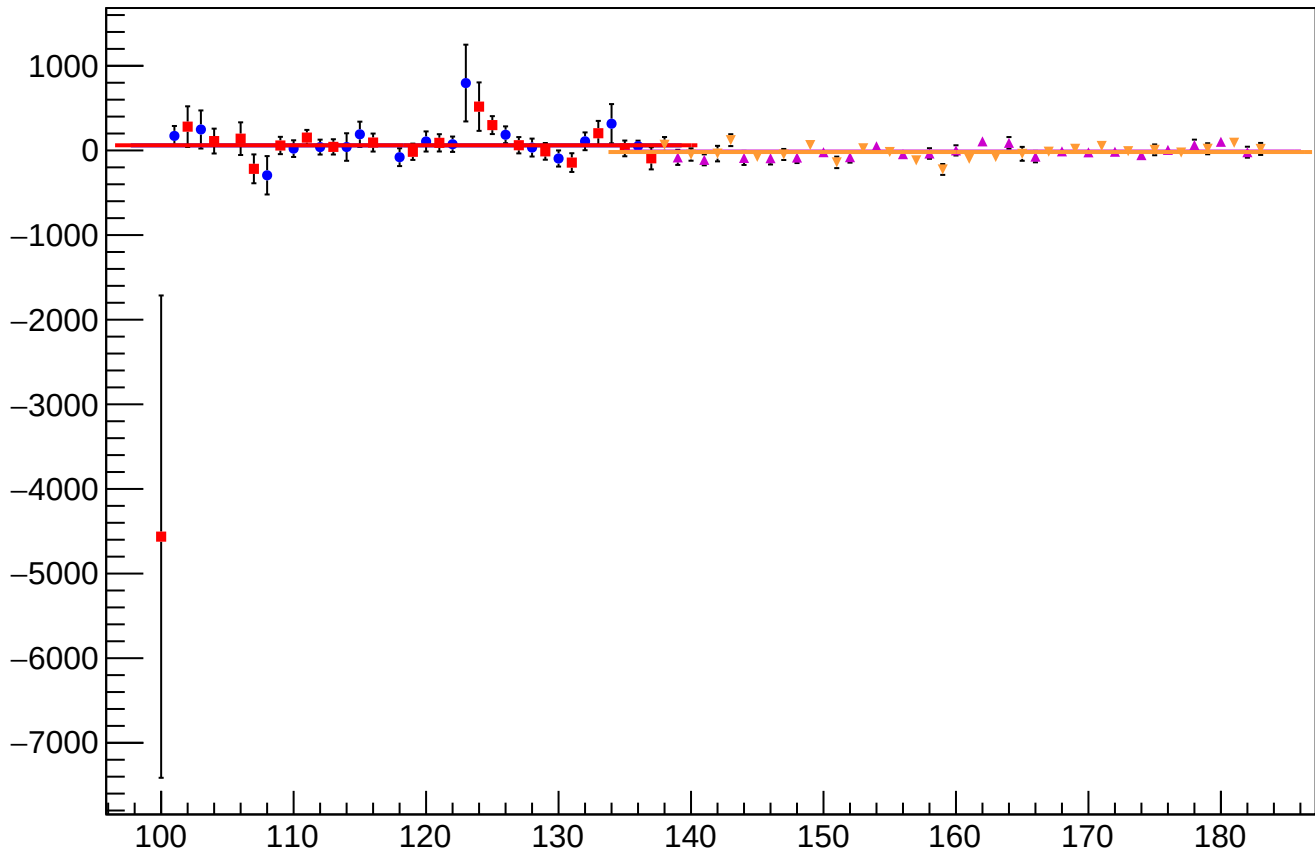
Right: 2361.511+/-0.462 χ^2/NDF : 1505856.7/35

In: 1664.012+/-0.246 χ^2/NDF : 2204784.1/38

Out: 1664.449+/-0.240 χ^2/NDF : 2613871.0/42

All: 1664.236+/-0.172 χ^2/NDF : 4818656.7/81

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656+/-27.080 χ^2/NDF : 15.3/16

Left Out: -18.790+/-12.183 χ^2/NDF : 35.8/23

Right Out: 60.983+/-27.009 χ^2/NDF : 22.3/18

Left In: -13.037+/-12.614 χ^2/NDF : 23.1/21

Left: -16.014+/-8.763 χ^2/NDF : 59.0/45

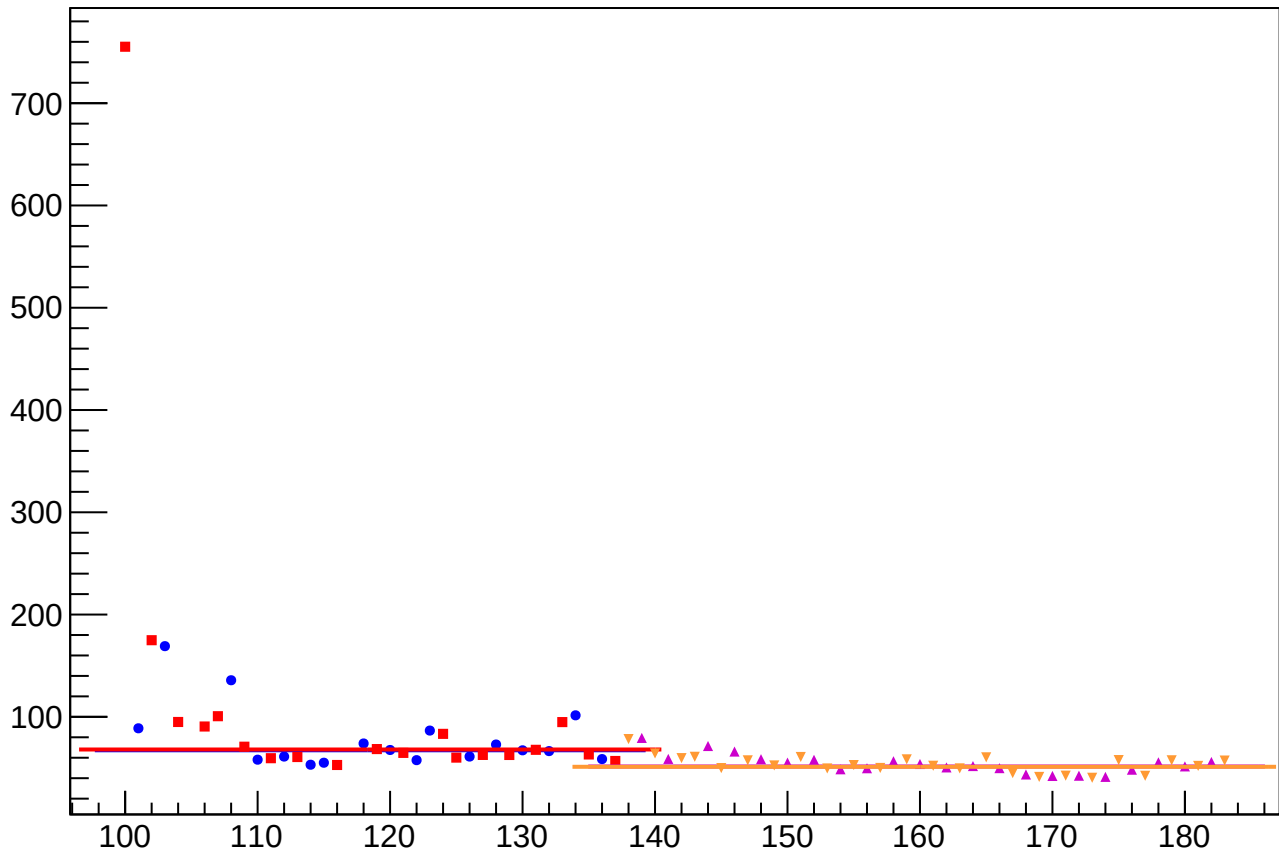
Right: 60.322+/-19.123 χ^2/NDF : 37.7/35

In: -0.076+/-11.435 χ^2/NDF : 44.4/38

Out: -5.304+/-11.105 χ^2/NDF : 65.3/42

All: -2.766+/-7.967 χ^2/NDF : 109.8/81

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 $\pm$ 0.019 χ^2 /NDF: 841352.2/16

Left Out: 51.149 $\pm$ 0.009 χ^2 /NDF: 822679.4/23

Right Out: 68.060 $\pm$ 0.019 χ^2 /NDF: 870616.5/18

Left In: 51.437 $\pm$ 0.009 χ^2 /NDF: 815205.5/21

Left: 51.288 $\pm$ 0.006 χ^2 /NDF: 1638425.1/45

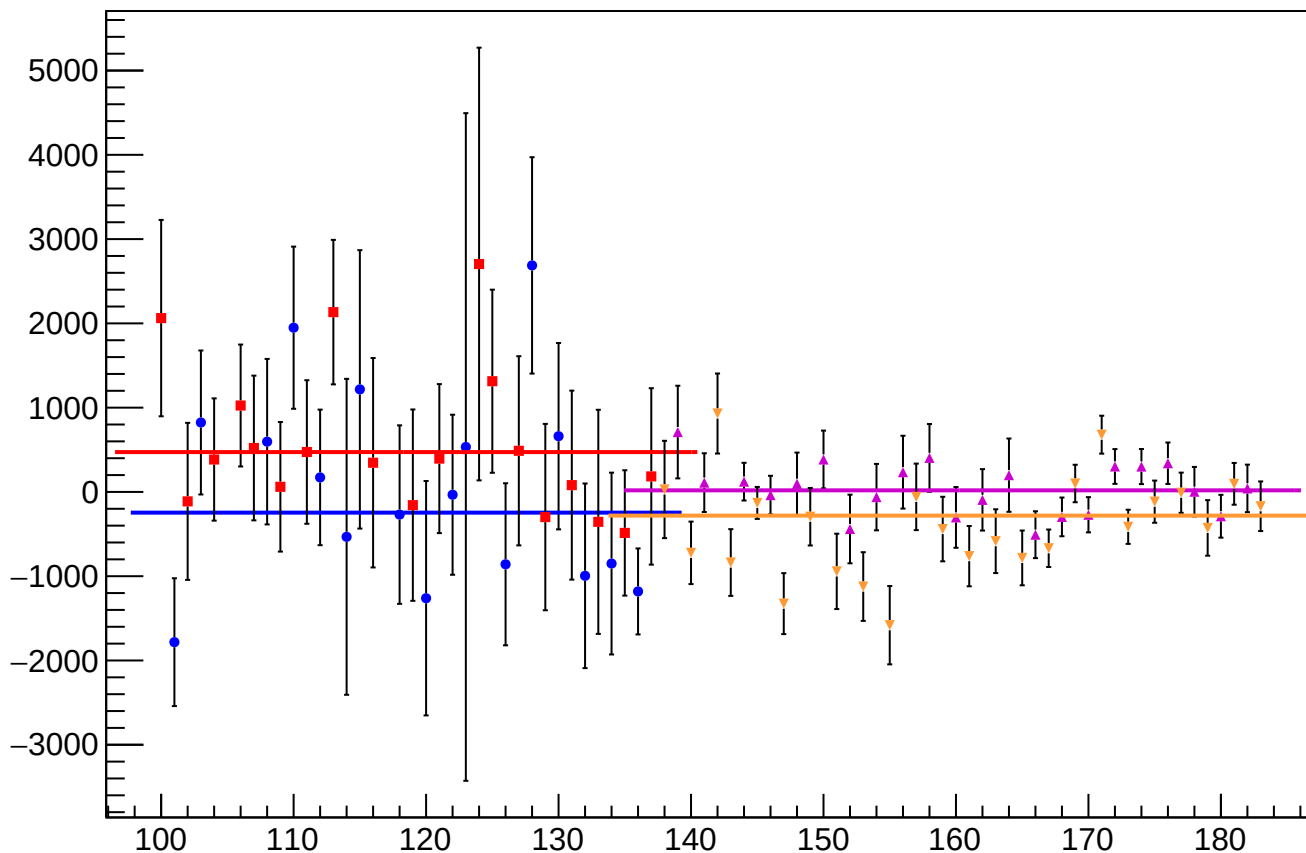
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 54.265 $\pm$ 0.008 χ^2 /NDF: 2220243.2/38

Out: 54.008 $\pm$ 0.008 χ^2 /NDF: 2344769.8/42

All: 54.133 $\pm$ 0.006 χ^2 /NDF: 4565533.5/81

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 ± 235.404 χ^2/NDF : 23.8/16

Left Out: -281.018 ± 60.477 χ^2/NDF : 67.8/23

Right Out: 472.860 ± 218.823 χ^2/NDF : 11.3/18

Left In: 18.878 ± 61.035 χ^2/NDF : 20.9/21

Left: -132.448 ± 42.960 χ^2/NDF : 100.9/45

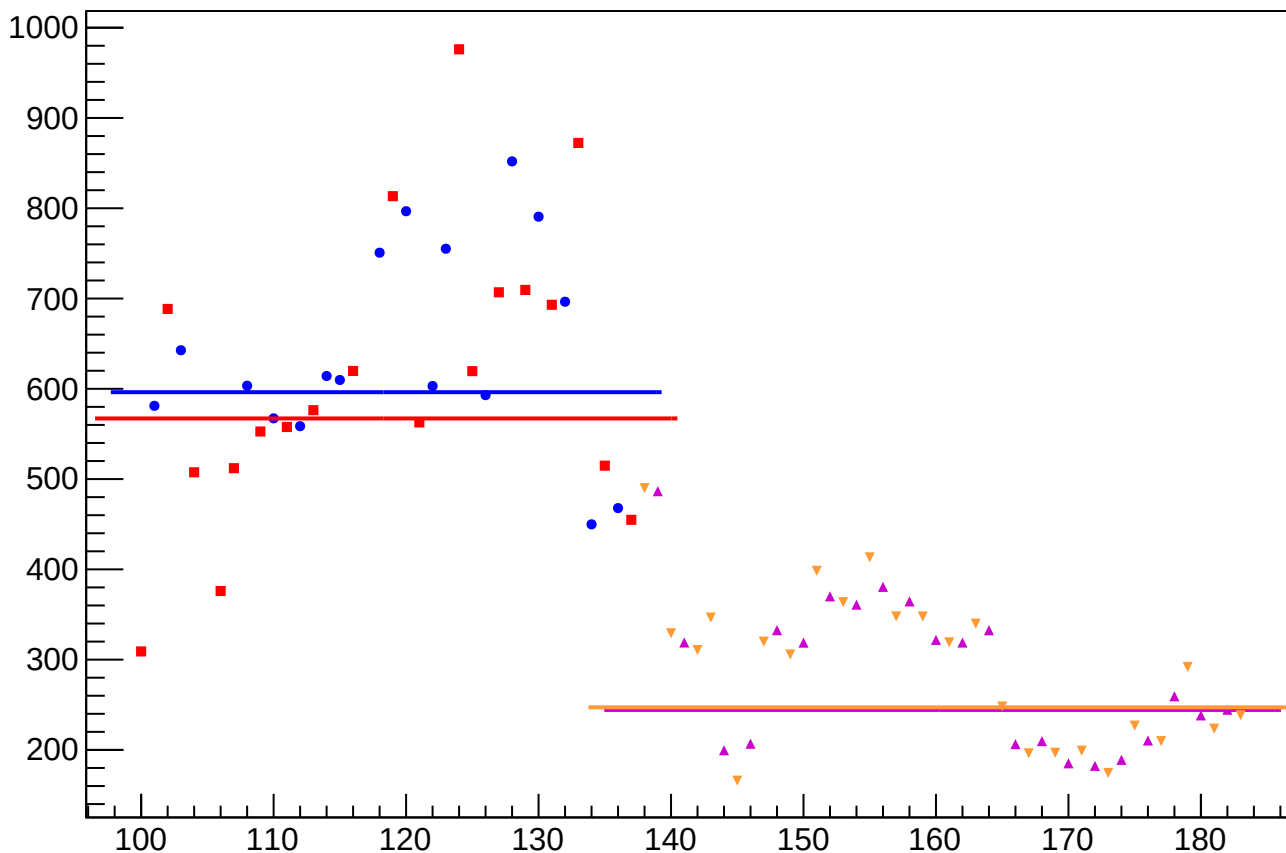
Right: 139.807 ± 160.273 χ^2/NDF : 40.1/35

In: 2.216 ± 59.082 χ^2/NDF : 45.9/38

Out: -227.521 ± 58.292 χ^2/NDF : 90.1/42

All: -114.199 ± 41.495 χ^2/NDF : 143.7/81

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246 $\pm$ 0.166 χ^2 /NDF: 422153.3/16

Left Out: 247.159 $\pm$ 0.043 χ^2 /NDF: 2911749.4/23

Right Out: 567.177 $\pm$ 0.155 χ^2 /NDF: 675391.6/18

Left In: 244.281 $\pm$ 0.043 χ^2 /NDF: 2433741.3/21

Left: 245.733 $\pm$ 0.030 χ^2 /NDF: 5347734.8/45

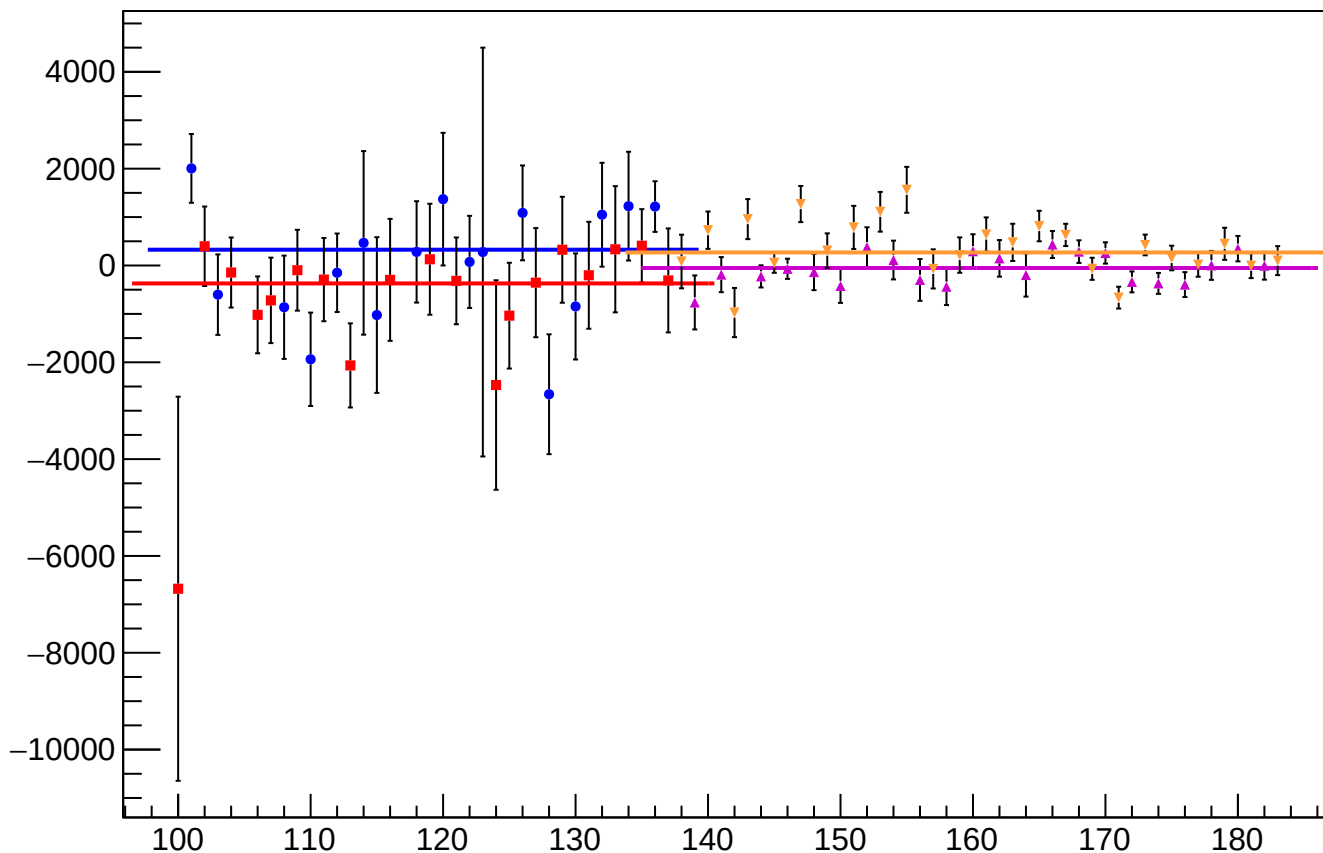
Right: 580.651 $\pm$ 0.113 χ^2 /NDF: 1113905.5/35

In: 266.451 $\pm$ 0.042 χ^2 /NDF: 7045224.5/38

Out: 269.868 $\pm$ 0.041 χ^2 /NDF: 7561115.9/42

All: 268.183 $\pm$ 0.029 χ^2 /NDF: 14609729.9/81

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077+/-235.599 χ^2/NDF : 26.9/16

Left Out: 269.168+/-62.128 χ^2/NDF : 62.0/23

Right Out: -370.721+/-224.892 χ^2/NDF : 11.5/18

Left In: -51.496+/-61.951 χ^2/NDF : 22.7/21

Left: 108.377+/-43.869 χ^2/NDF : 98.1/45

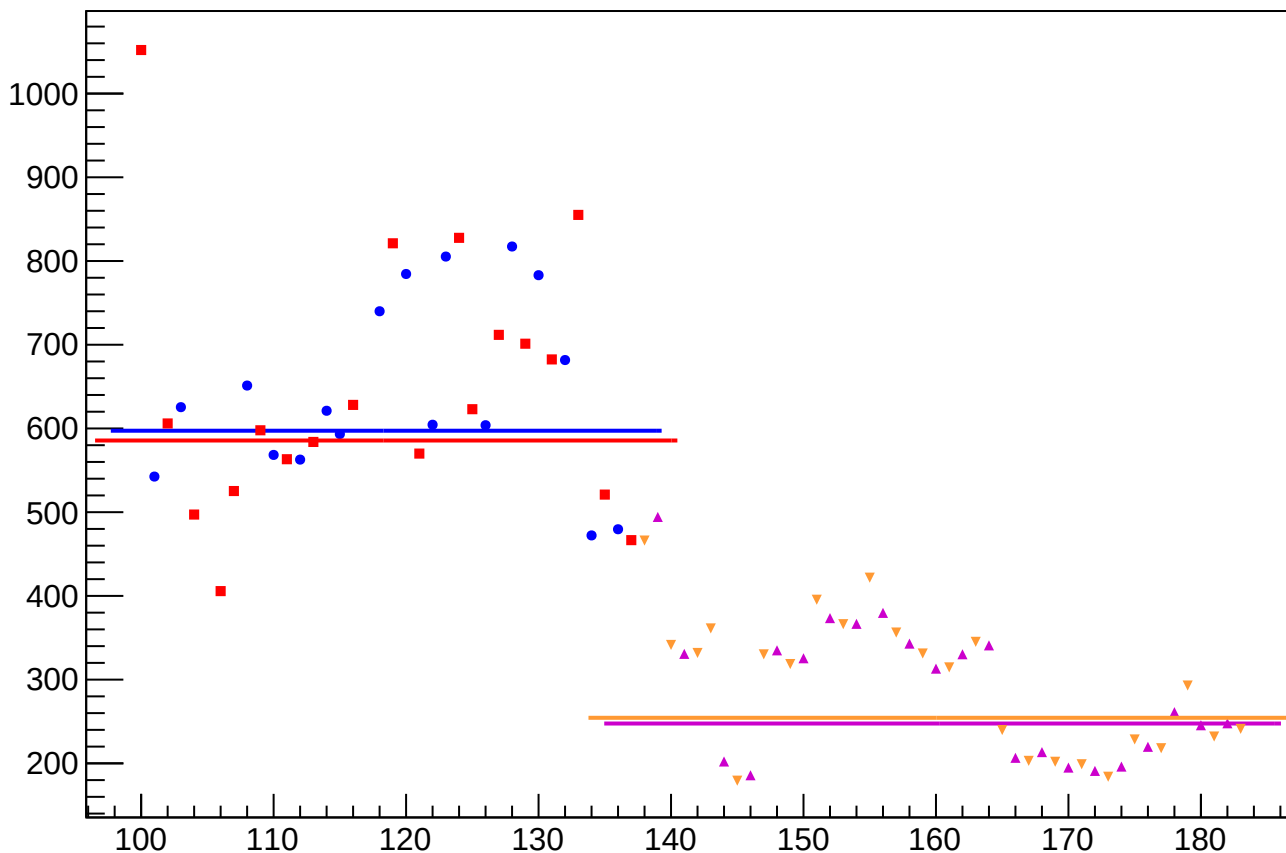
Right: -38.515+/-162.676 χ^2/NDF : 43.0/35

In: -27.078+/-59.914 χ^2/NDF : 52.0/38

Out: 223.795+/-59.885 χ^2/NDF : 81.1/42

All: 98.419+/-42.356 χ^2/NDF : 141.8/81

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 254.418 $\pm$ 0.044 χ^2 /NDF: 2629922.0/23

Right Out: 585.615 $\pm$ 0.159 χ^2 /NDF: 474610.2/18

Left In: 247.573 $\pm$ 0.044 χ^2 /NDF: 2370455.0/21

Left: 250.986 $\pm$ 0.031 χ^2 /NDF: 5012550.2/45

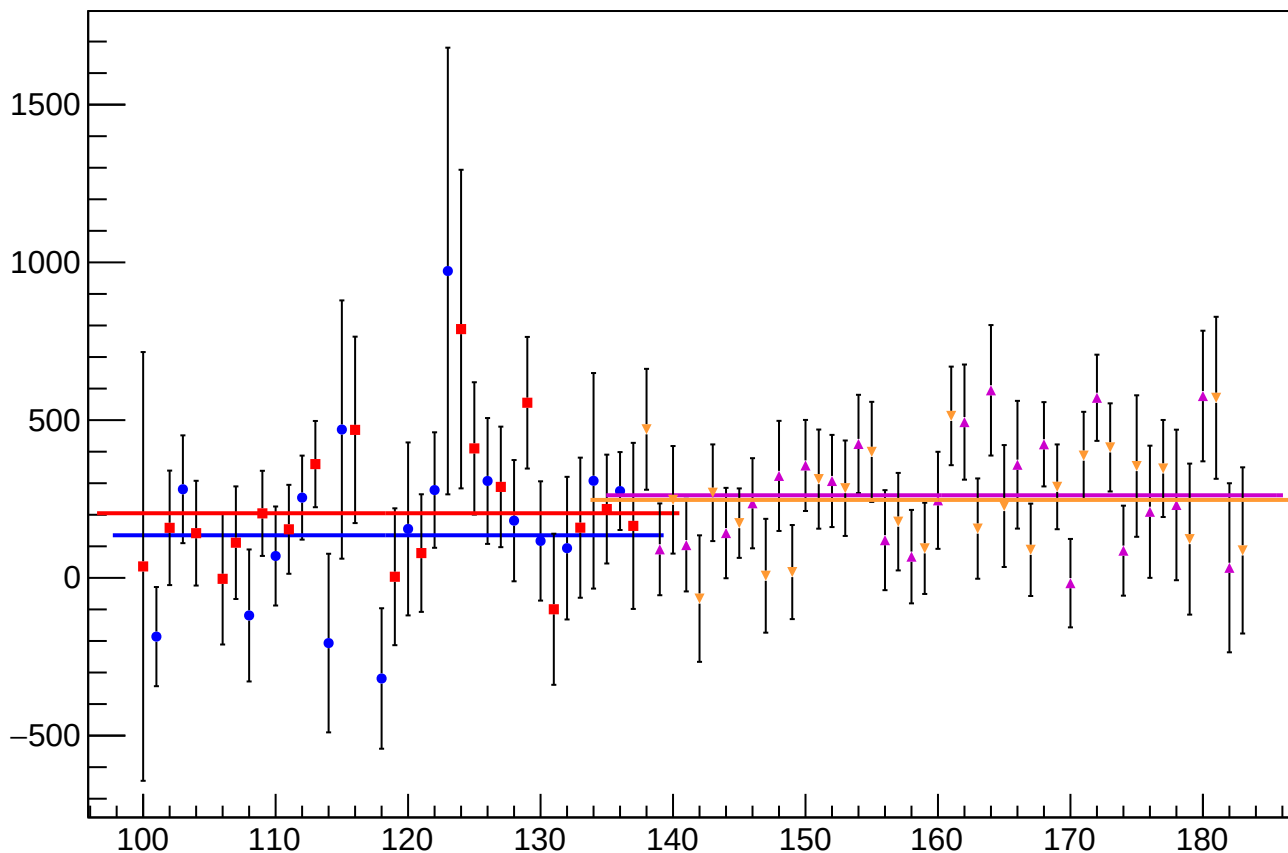
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 270.190 $\pm$ 0.042 χ^2 /NDF: 6856031.1/38

Out: 277.902 $\pm$ 0.042 χ^2 /NDF: 7134619.4/42

All: 274.048 $\pm$ 0.030 χ^2 /NDF: 14007227.0/83

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 $\pm$ 47.025 χ^2 /NDF: 18.1/16

Left Out: 247.080 $\pm$ 32.922 χ^2 /NDF:20.7/23

Right Out: 204.866 $\pm$ 44.440 χ^2 /NDF: 12.1/18

Left In: 261.825 $\pm$ 34.239 χ^2 /NDF:27.2/21

Left: 254.163 $\pm$ 23.731 χ^2 /NDF: 48.0/45

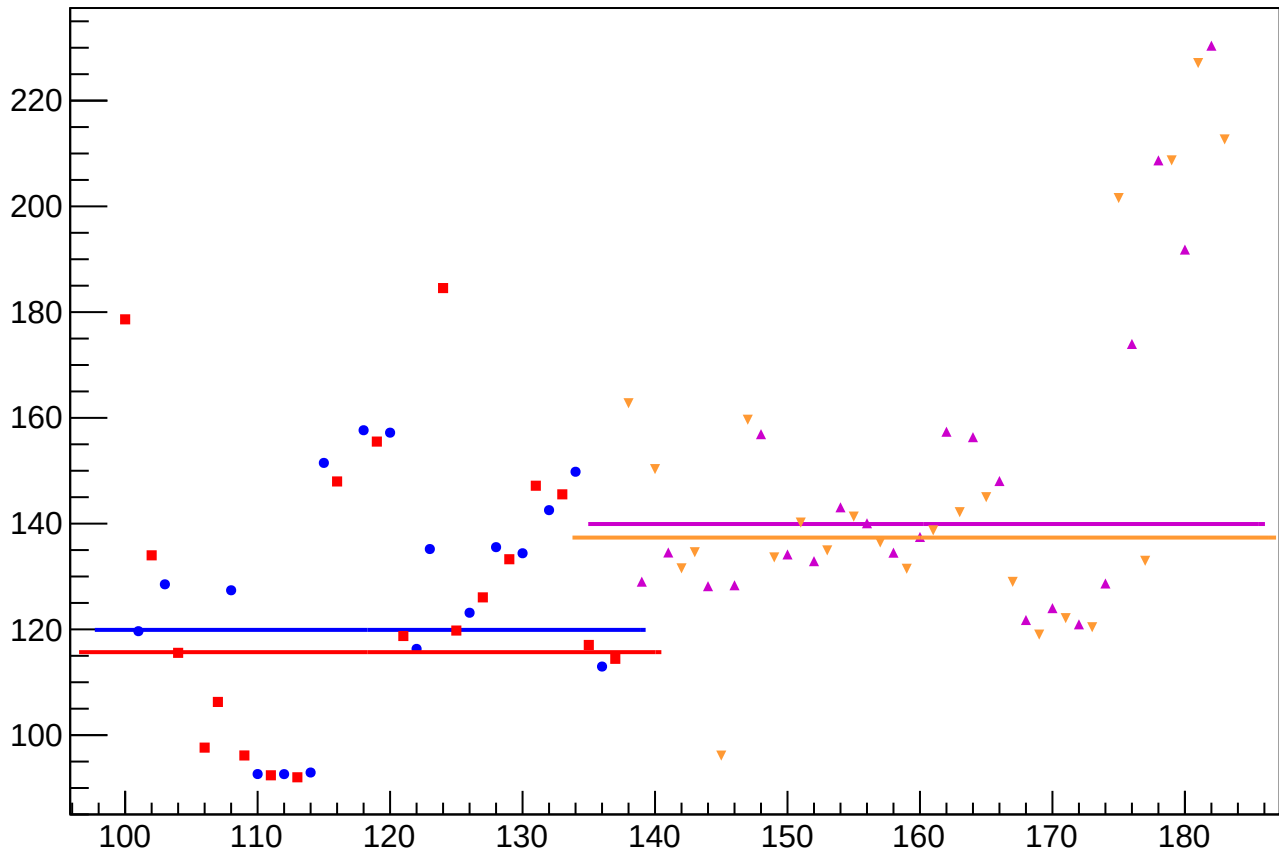
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 217.894 $\pm$ 27.680 χ^2 /NDF:50.0/38

Out: 232.122 $\pm$ 26.454 χ^2 /NDF:33.4/42

All: 225.330 $\pm$ 19.124 χ^2 /NDF: 83.5/81

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2 /NDF: 345510.5/16

Left Out: 137.361 $\pm$ 0.023 χ^2 /NDF:1220836.6/23

Right Out: 115.693 $\pm$ 0.031 χ^2 /NDF: 435335.9/18

Left In: 139.926 $\pm$ 0.024 χ^2 /NDF:791856.1/21

Left: 138.593 $\pm$ 0.017 χ^2 /NDF: 2018522.0/45

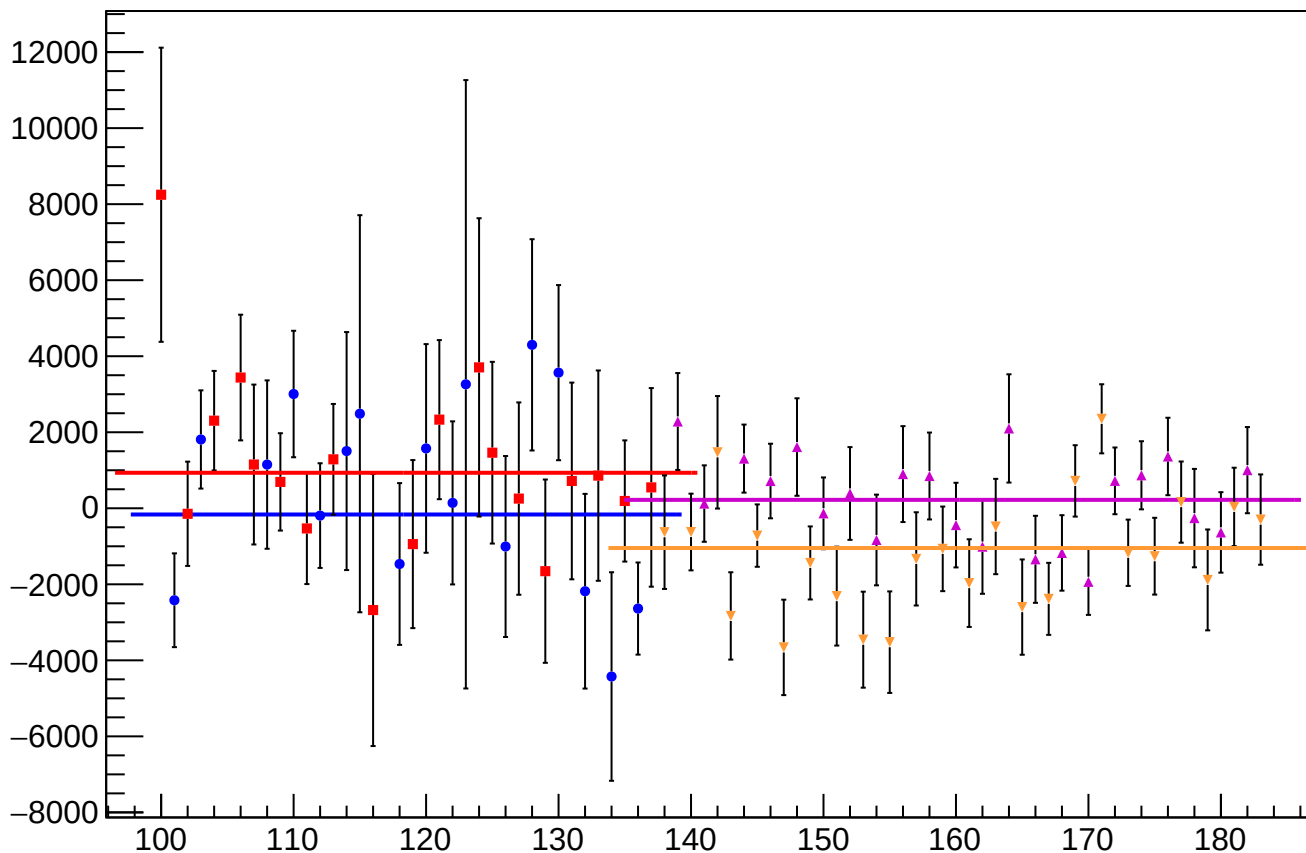
Right: 117.679 $\pm$ 0.023 χ^2 /NDF: 789317.7/35

In: 132.988 $\pm$ 0.020 χ^2 /NDF:1374321.6/38

Out: 129.683 $\pm$ 0.019 χ^2 /NDF:1963177.9/42

All: 131.261 $\pm$ 0.014 χ^2 /NDF: 3352404.6/81

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 $\pm$ 469.592 χ^2 /NDF: 23.7/16

Left Out: -1045.490 $\pm$ 223.762 χ^2 /NDF:43.5/23

Right Out: 933.992 $\pm$ 437.648 χ^2 /NDF: 12.9/18

Left In: 221.671 $\pm$ 228.118 χ^2 /NDF:23.5/21

Left: -424.123 $\pm$ 159.741 χ^2 /NDF: 82.7/45

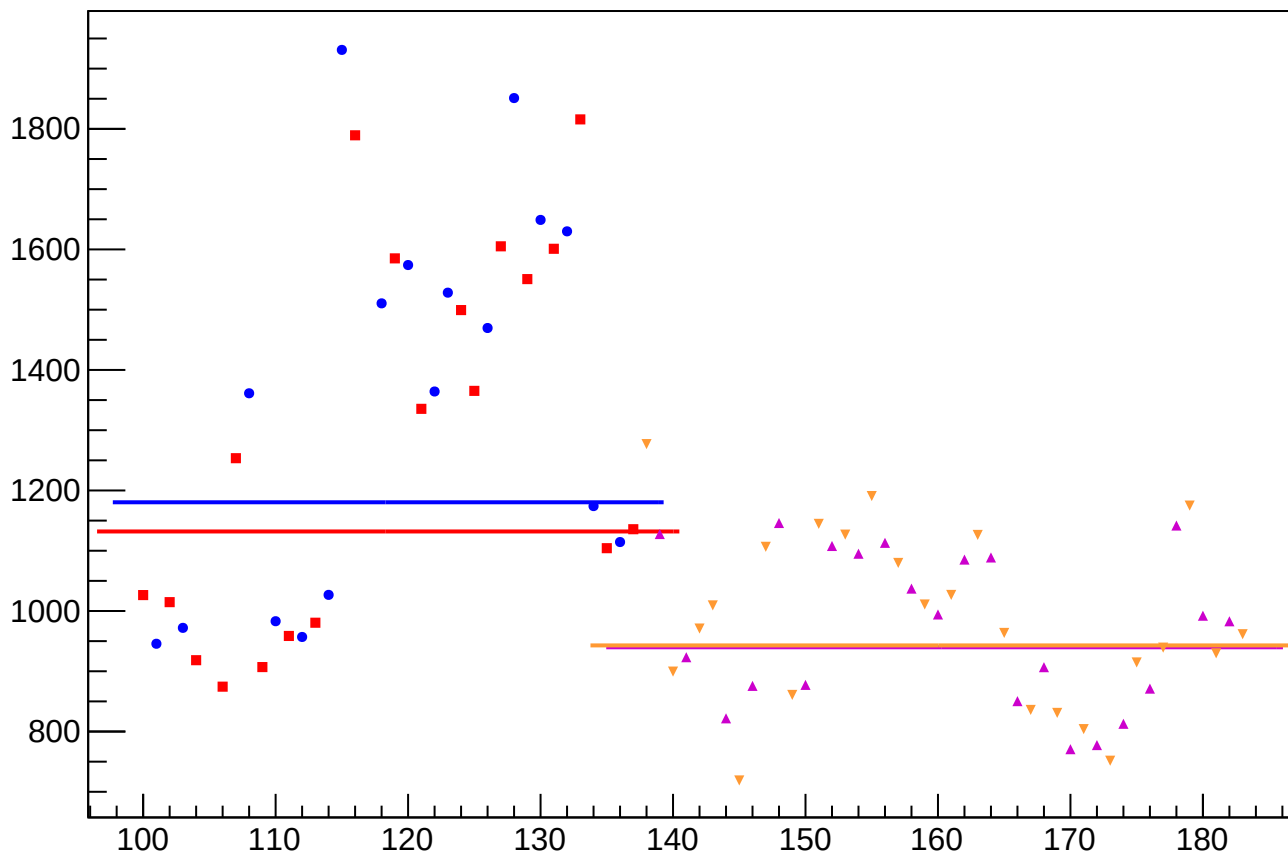
Right: 423.822 $\pm$ 320.162 χ^2 /NDF: 39.5/35

In: 148.124 $\pm$ 205.189 χ^2 /NDF:47.8/38

Out: -635.270 $\pm$ 199.232 χ^2 /NDF:72.6/42

All: -255.109 $\pm$ 142.938 χ^2 /NDF: 127.8/81

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403 $\pm$ 0.332 χ^2 /NDF: 668845.5/16

Left Out: 942.906 $\pm$ 0.158 χ^2 /NDF: 814975.6/23

Right Out: 1131.979 $\pm$ 0.309 χ^2 /NDF: 761904.0/18

Left In: 939.780 $\pm$ 0.161 χ^2 /NDF: 590182.8/21

Left: 941.373 $\pm$ 0.113 χ^2 /NDF: 1405349.7/45

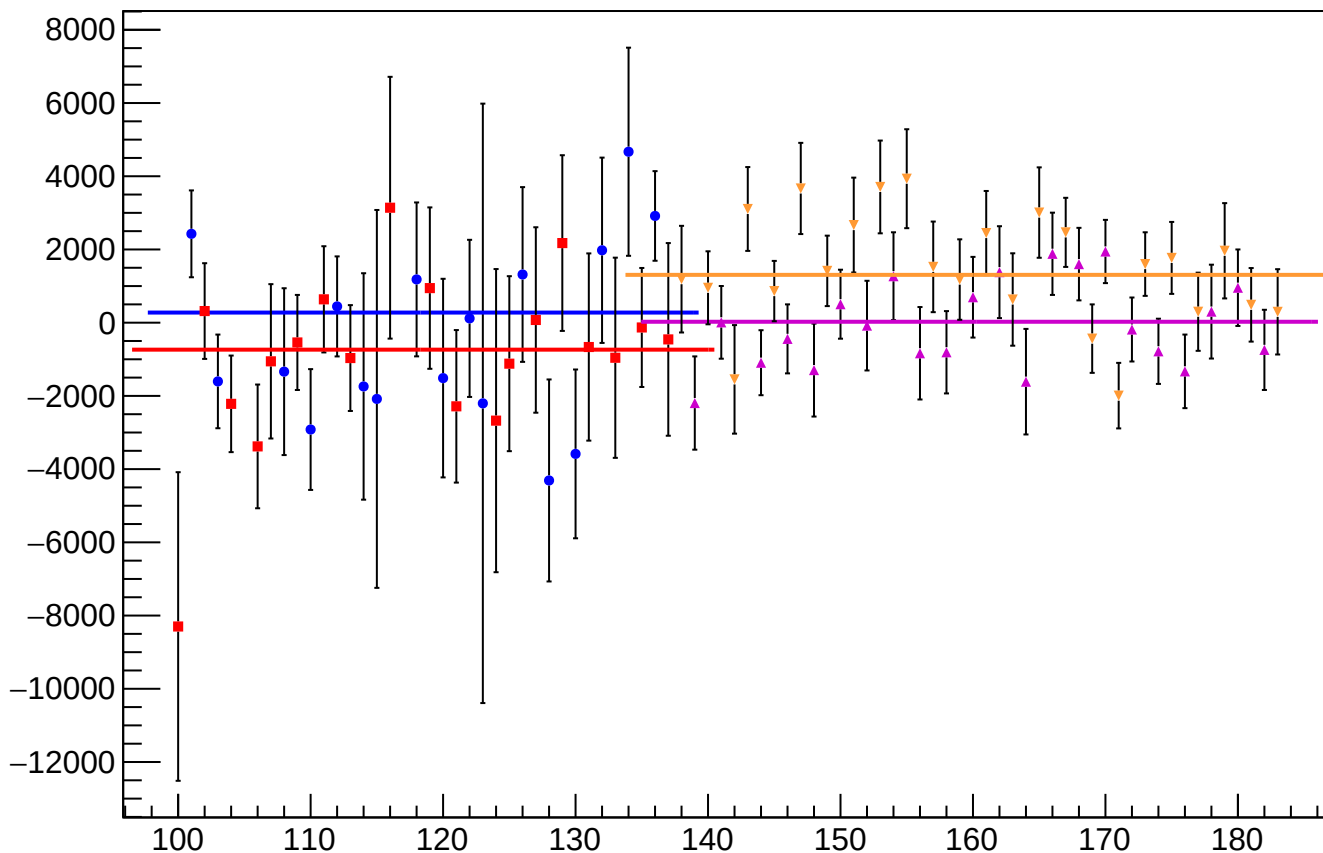
Right: 1154.488 $\pm$ 0.226 χ^2 /NDF: 1442131.1/35

In: 985.722 $\pm$ 0.145 χ^2 /NDF: 1683892.6/38

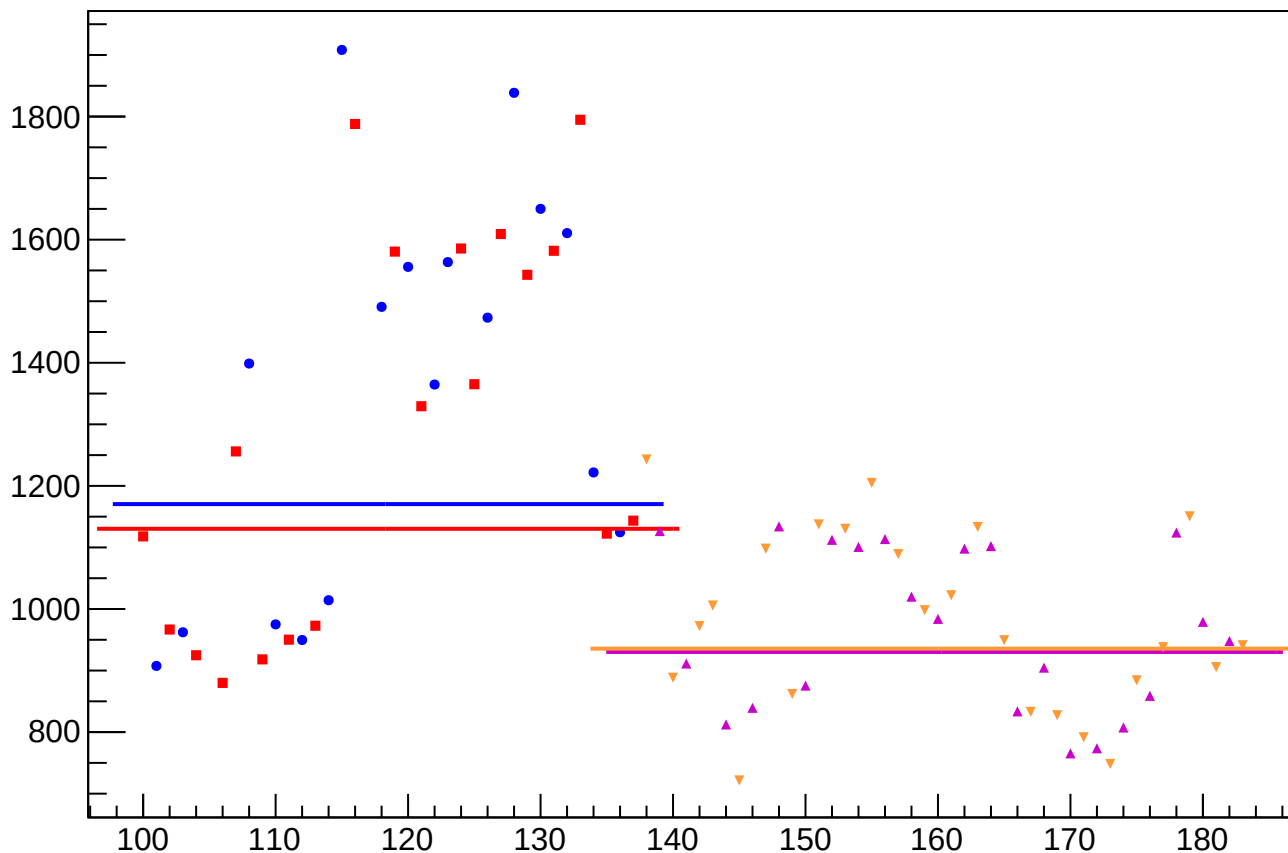
Out: 982.089 $\pm$ 0.141 χ^2 /NDF: 1872803.6/42

All: 983.852 $\pm$ 0.101 χ^2 /NDF: 3557019.0/81

asym_sam_48_dd_mean vs Slug, Sign Corrected



asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2/NDF : 705486.8/16

Left Out: 935.599 $\pm$ 0.157 χ^2/NDF :813282.1/23

Right Out: 1130.322 $\pm$ 0.309 χ^2/NDF : 763044.5/18

Left In: 930.193 $\pm$ 0.160 χ^2/NDF :620858.0/21

Left: 932.942 $\pm$ 0.112 χ^2/NDF : 1434721.6/45

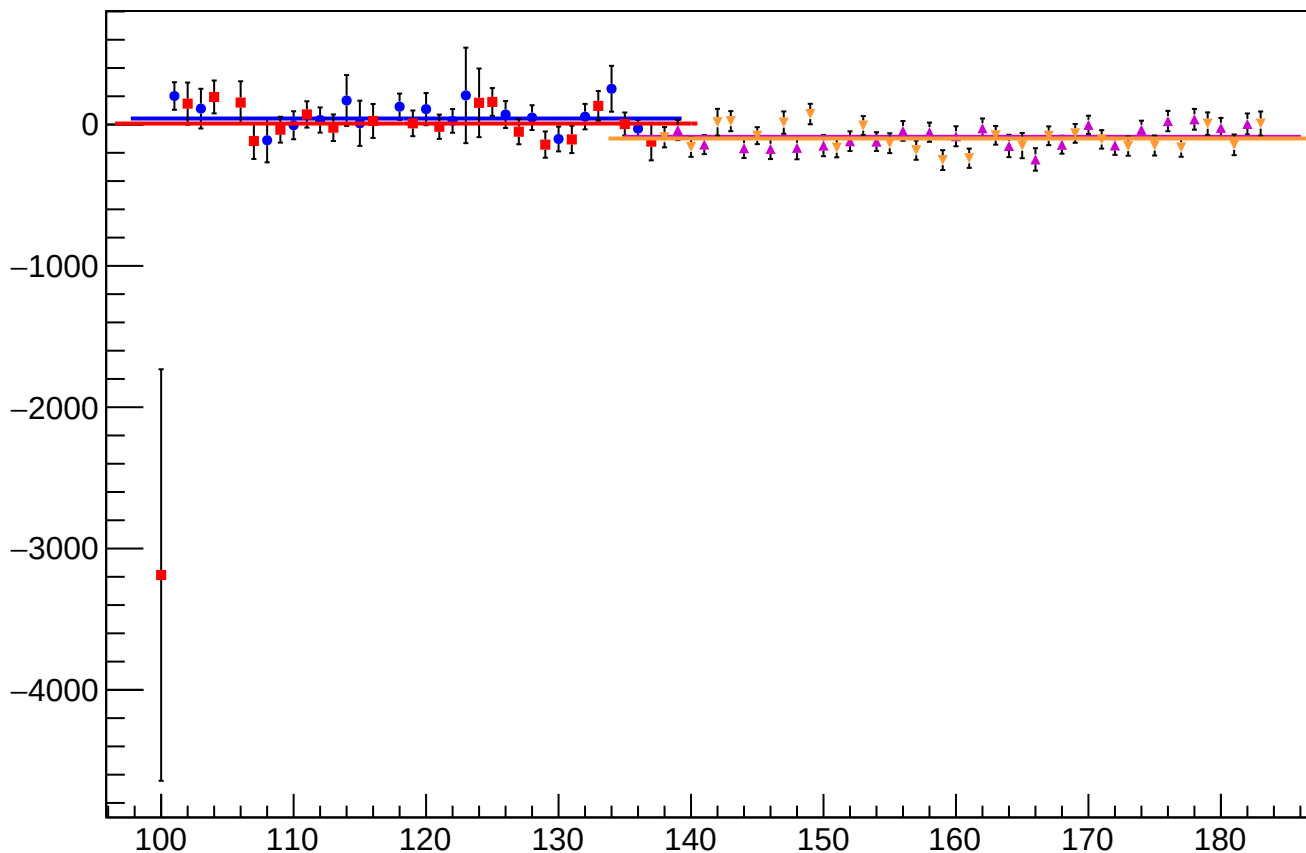
Right: 1149.080 $\pm$ 0.226 χ^2/NDF : 1476389.1/35

In: 975.896 $\pm$ 0.144 χ^2/NDF :1755880.3/38

Out: 975.540 $\pm$ 0.140 χ^2/NDF :1891330.7/42

All: 975.713 $\pm$ 0.100 χ^2/NDF : 3647214.2/81

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 ± 24.701 $\chi^2/\text{NDF}: 12.0/16$

Left Out: -98.659 ± 14.471 $\chi^2/\text{NDF}: 32.9/23$

Right Out: 7.090 ± 24.489 $\chi^2/\text{NDF}: 20.6/18$

Left In: -87.035 ± 15.012 $\chi^2/\text{NDF}: 23.4/21$

Left: -93.060 ± 10.419 $\chi^2/\text{NDF}: 56.7/45$

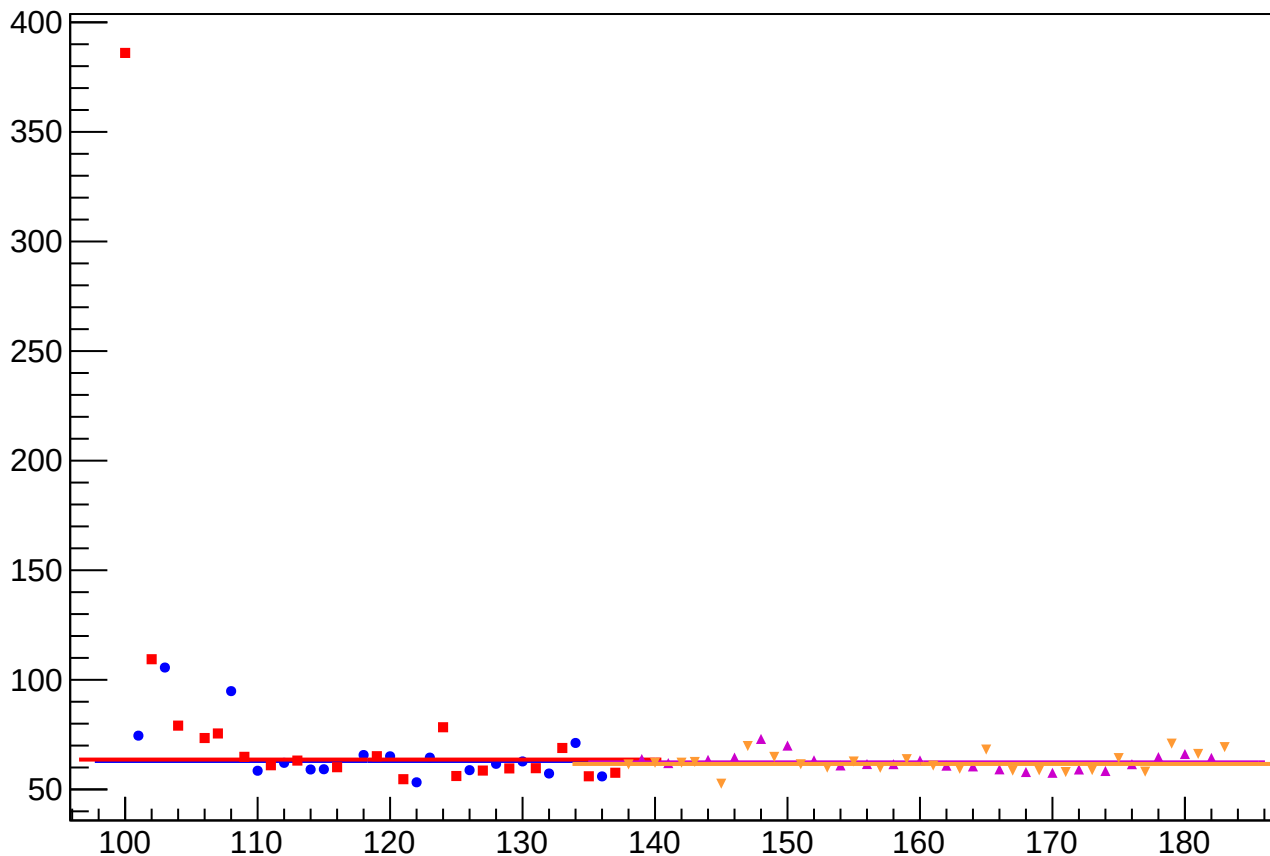
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -52.047 ± 12.829 $\chi^2/\text{NDF}: 55.6/38$

Out: -71.288 ± 12.459 $\chi^2/\text{NDF}: 67.3/42$

All: -61.949 ± 8.938 $\chi^2/\text{NDF}: 124.0/81$

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 $\pm$ 0.017 χ^2 /NDF: 375263.3/16

Left Out: 61.618 $\pm$ 0.010 χ^2 /NDF: 166328.8/23

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 62.345 $\pm$ 0.011 χ^2 /NDF: 108262.0/21

Left: 61.968 $\pm$ 0.007 χ^2 /NDF: 277024.7/45

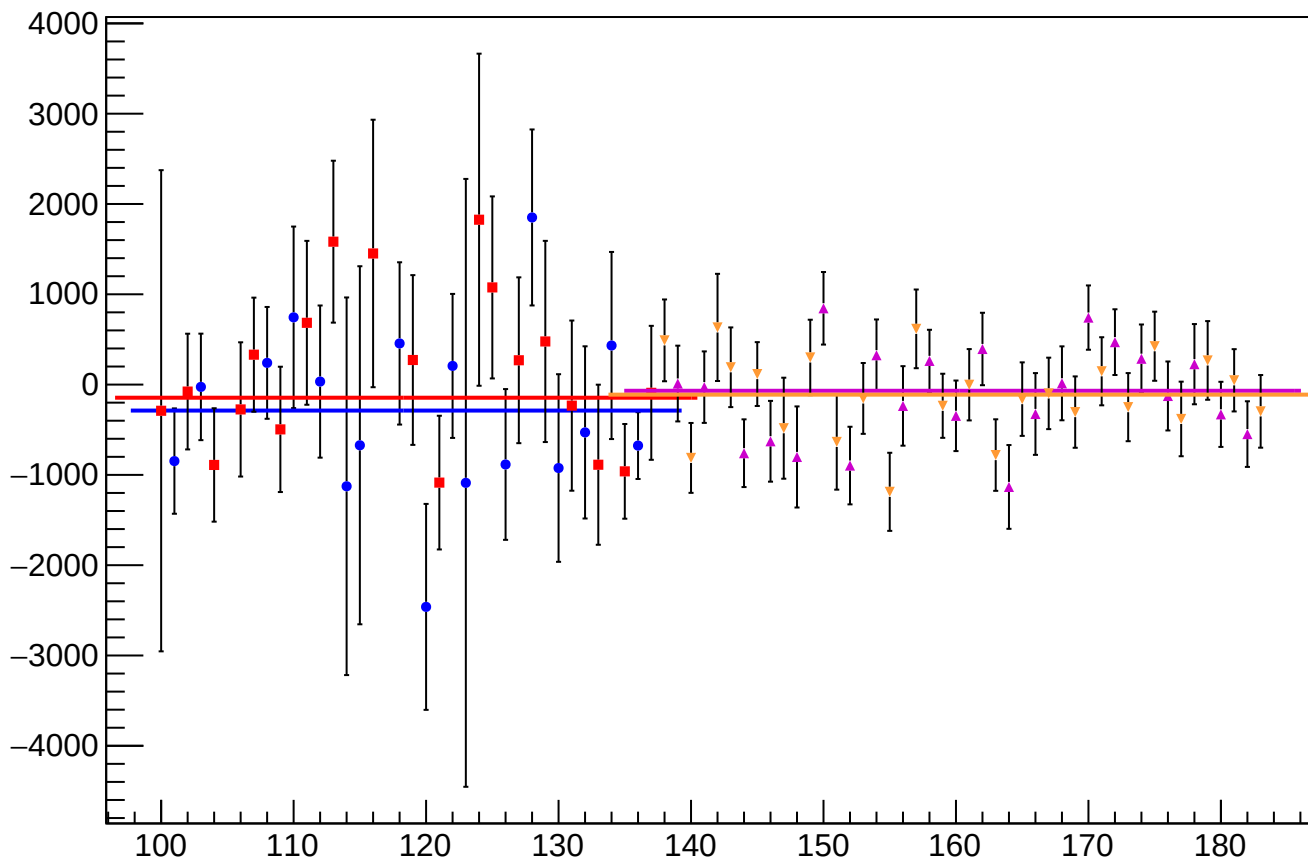
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 62.516 $\pm$ 0.009 χ^2 /NDF: 484490.8/38

Out: 62.134 $\pm$ 0.009 χ^2 /NDF: 609723.6/42

All: 62.320 $\pm$ 0.006 χ^2 /NDF: 1095127.7/81

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 $\pm$ 189.888 χ^2 /NDF: 15.4/16

Left Out: -111.441 $\pm$ 83.531 χ^2 /NDF:26.4/23

Right Out: -145.341 $\pm$ 187.312 χ^2 /NDF: 16.1/18

Left In: -68.564 $\pm$ 85.511 χ^2 /NDF:36.1/21

Left: -90.504 $\pm$ 59.753 χ^2 /NDF: 62.6/45

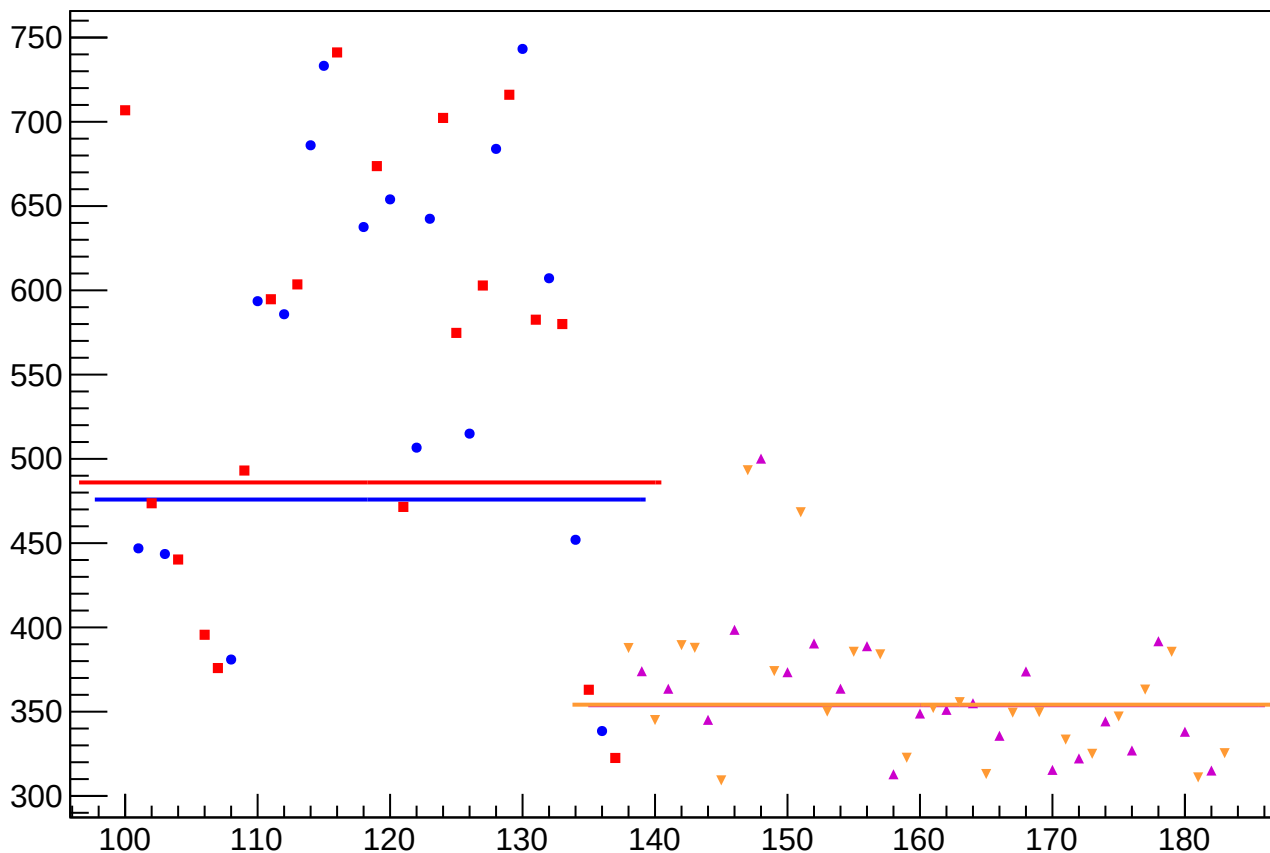
Right: -215.540 $\pm$ 133.351 χ^2 /NDF: 31.7/35

In: -105.507 $\pm$ 77.970 χ^2 /NDF:52.6/38

Out: -117.064 $\pm$ 76.289 χ^2 /NDF:42.5/42

All: -111.412 $\pm$ 54.529 χ^2 /NDF: 95.0/81

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871 $\pm$ 0.134 χ^2 /NDF: 837808.5/16

Left Out: 354.156 $\pm$ 0.059 χ^2 /NDF: 413212.5/23

Right Out: 486.011 $\pm$ 0.132 χ^2 /NDF: 730123.7/18

Left In: 353.826 $\pm$ 0.060 χ^2 /NDF: 324070.4/21

Left: 353.995 $\pm$ 0.042 χ^2 /NDF: 737298.2/45

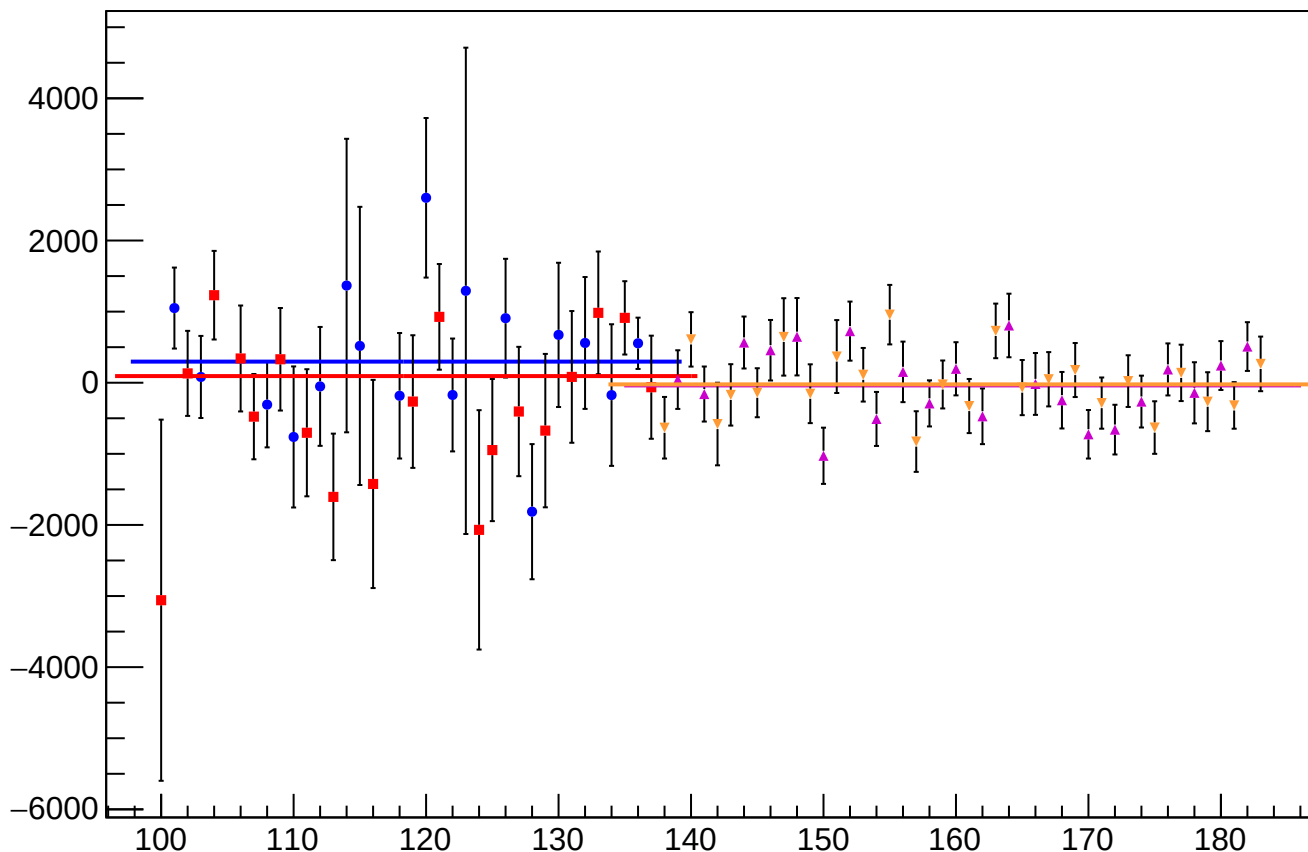
Right: 481.010 $\pm$ 0.094 χ^2 /NDF: 1570822.6/35

In: 374.403 $\pm$ 0.055 χ^2 /NDF: 1848762.9/38

Out: 376.028 $\pm$ 0.054 χ^2 /NDF: 1969975.7/42

All: 375.233 $\pm$ 0.039 χ^2 /NDF: 3819182.6/81

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 ± 185.975 χ^2/NDF : 15.9/16

Left Out: -23.144 ± 80.591 χ^2/NDF : 27.2/23

Right Out: 93.523 ± 183.916 χ^2/NDF : 20.1/18

Left In: -37.809 ± 82.329 χ^2/NDF : 34.5/21

Left: -30.321 ± 57.591 χ^2/NDF : 61.7/45

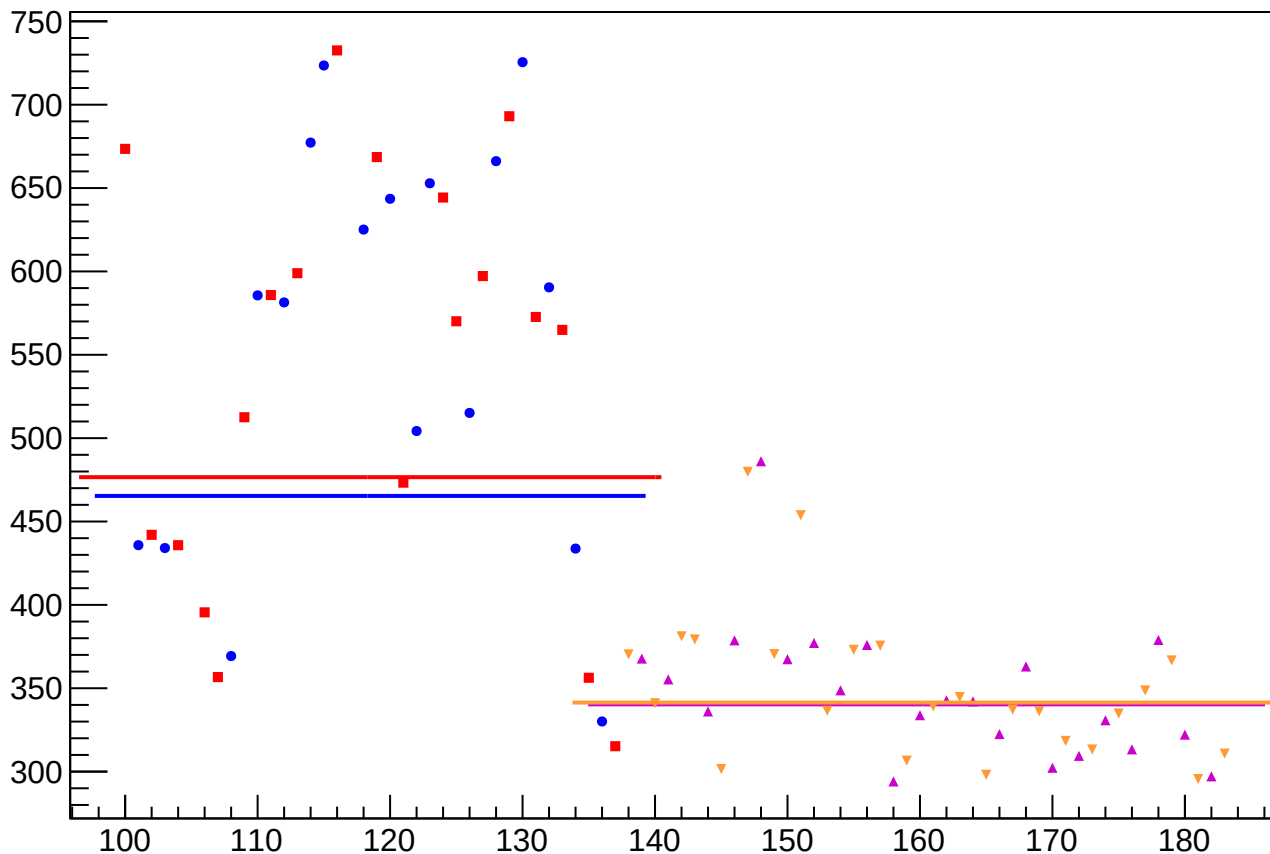
Right: 194.121 ± 130.770 χ^2/NDF : 36.6/35

In: 17.049 ± 75.282 χ^2/NDF : 53.1/38

Out: -4.351 ± 73.815 χ^2/NDF : 47.6/42

All: 6.139 ± 52.706 χ^2/NDF : 100.7/81

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356 ± 0.132 $\chi^2/\text{NDF}: 860420.4/16$

Left Out: 341.420 ± 0.057 $\chi^2/\text{NDF}: 448202.7/23$

Right Out: 476.597 ± 0.130 $\chi^2/\text{NDF}: 752936.0/18$

Left In: 340.332 ± 0.058 $\chi^2/\text{NDF}: 369524.6/21$

Left: 340.887 ± 0.041 $\chi^2/\text{NDF}: 817905.6/45$

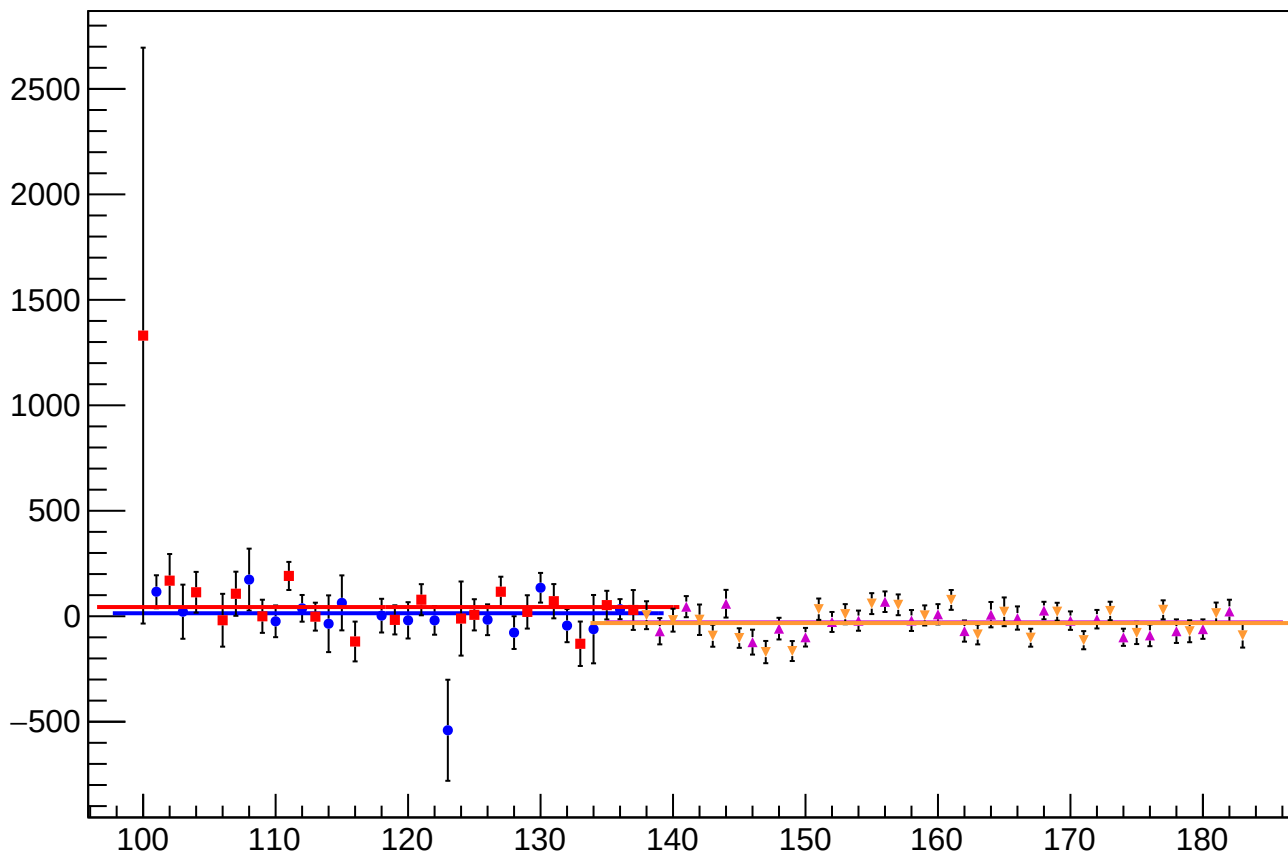
Right: 471.039 ± 0.092 $\chi^2/\text{NDF}: 1617050.9/35$

In: 360.818 ± 0.053 $\chi^2/\text{NDF}: 1985706.6/38$

Out: 363.195 ± 0.052 $\chi^2/\text{NDF}: 2107534.0/42$

All: 362.030 ± 0.037 $\chi^2/\text{NDF}: 4094256.8/81$

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 ± 19.867 $\chi^2/\text{NDF}: 14.8/16$

Left Out: -32.306 ± 10.155 $\chi^2/\text{NDF}: 50.5/23$

Right Out: 43.602 ± 19.648 $\chi^2/\text{NDF}: 17.0/18$

Left In: -29.103 ± 10.579 $\chi^2/\text{NDF}: 24.1/21$

Left: -30.770 ± 7.326 $\chi^2/\text{NDF}: 74.6/45$

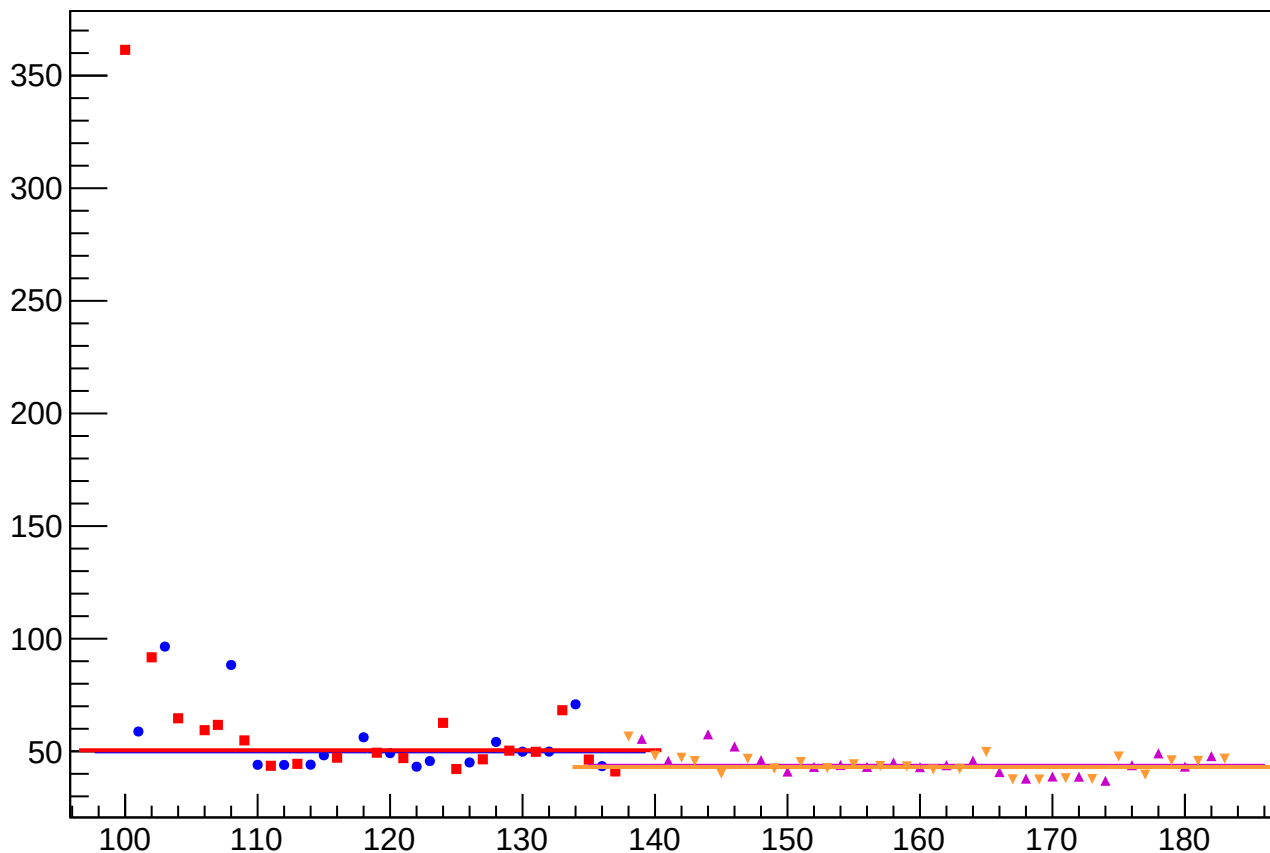
Right: 29.090 ± 13.970 $\chi^2/\text{NDF}: 32.9/35$

In: -19.526 ± 9.337 $\chi^2/\text{NDF}: 42.6/38$

Out: -16.304 ± 9.021 $\chi^2/\text{NDF}: 79.3/42$

All: -17.859 ± 6.488 $\chi^2/\text{NDF}: 122.0/81$

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 $\pm$ 0.014 χ^2 /NDF: 578750.7/16

Left Out: 43.008 $\pm$ 0.007 χ^2 /NDF: 328111.6/23

Right Out: 50.472 $\pm$ 0.014 χ^2 /NDF: 571294.5/18

Left In: 43.571 $\pm$ 0.007 χ^2 /NDF: 403190.3/21

Left: 43.278 $\pm$ 0.005 χ^2 /NDF: 734240.3/45

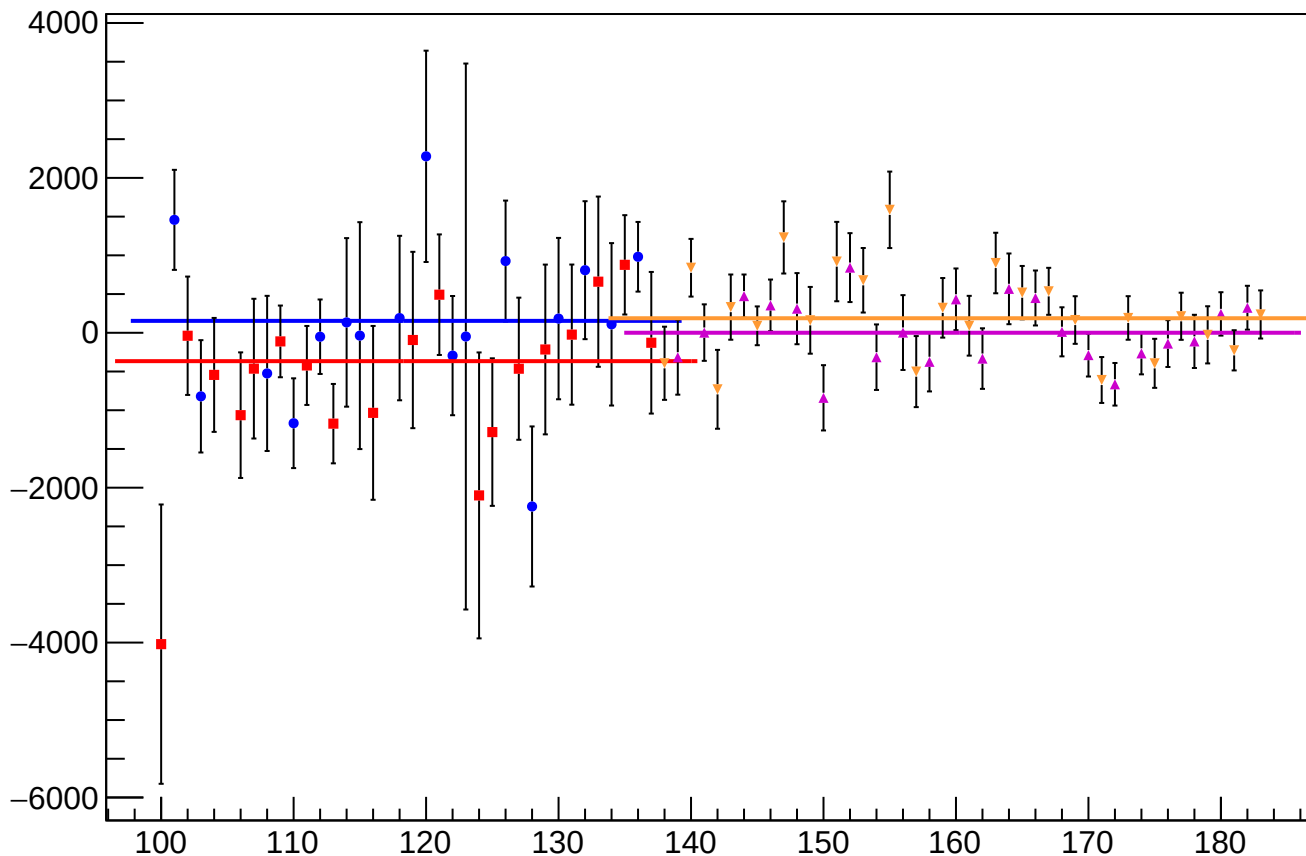
Right: 50.225 $\pm$ 0.010 χ^2 /NDF: 1150683.7/35

In: 44.985 $\pm$ 0.007 χ^2 /NDF: 1143776.6/38

Out: 44.582 $\pm$ 0.006 χ^2 /NDF: 1127186.2/42

All: 44.776 $\pm$ 0.005 χ^2 /NDF: 2272889.1/81

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 153.842 $\pm$ 189.963 χ^2 /NDF: 24.8/16

Left Out: 187.828 $\pm$ 72.019 χ^2 /NDF:46.1/23

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: 0.455 $\pm$ 73.353 χ^2 /NDF:29.3/21

Left: 95.860 $\pm$ 51.390 χ^2 /NDF: 78.7/45

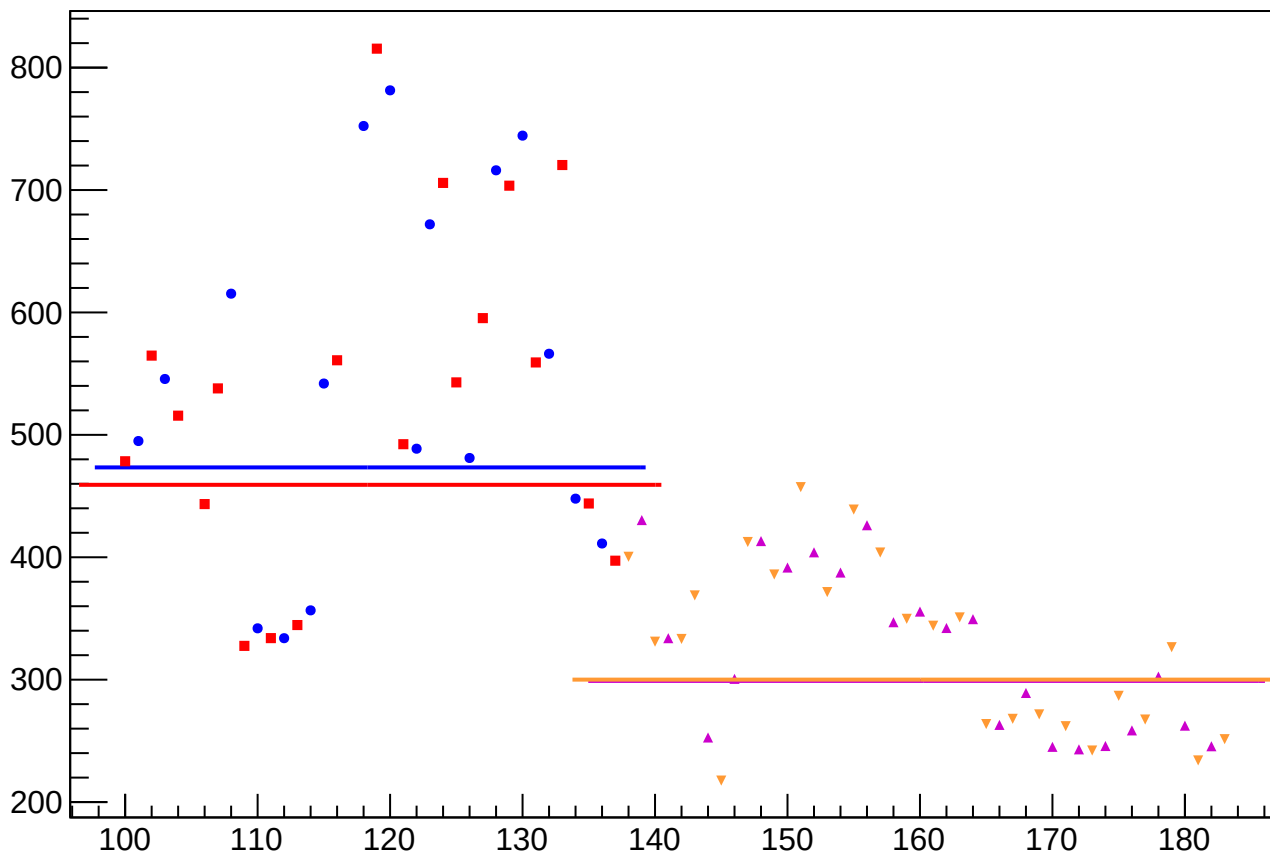
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 20.358 $\pm$ 68.428 χ^2 /NDF:54.6/38

Out: 110.559 $\pm$ 66.809 χ^2 /NDF:70.6/42

All: 66.539 $\pm$ 47.803 χ^2 /NDF: 126.1/81

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406 $\pm$ 0.134 χ^2 /NDF: 914927.8/16

Left Out: 300.044 $\pm$ 0.051 χ^2 /NDF:1574487.4/23

Right Out: 459.180 $\pm$ 0.127 χ^2 /NDF: 1006487.4/18

Left In: 298.974 $\pm$ 0.052 χ^2 /NDF:1298778.0/21

Left: 299.519 $\pm$ 0.036 χ^2 /NDF: 2873481.9/45

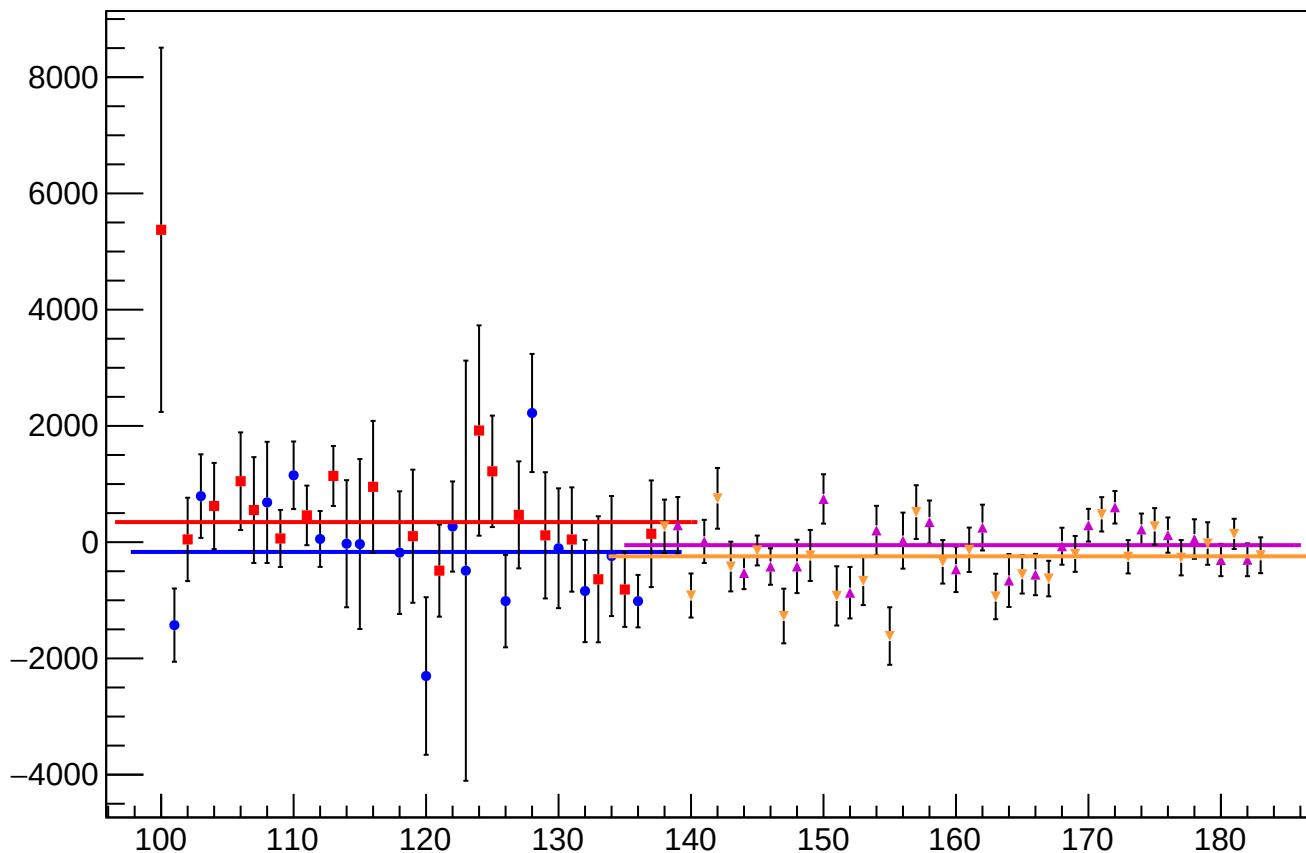
Right: 465.867 $\pm$ 0.092 χ^2 /NDF: 1927360.0/35

In: 321.608 $\pm$ 0.048 χ^2 /NDF:3681232.5/38

Out: 322.235 $\pm$ 0.047 χ^2 /NDF:3942694.1/42

All: 321.929 $\pm$ 0.034 χ^2 /NDF: 7624012.5/81

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049 ± 189.758 $\chi^2/\text{NDF}: 25.4/16$

Left Out: -243.279 ± 72.118 $\chi^2/\text{NDF}: 43.3/23$

Right Out: 345.481 ± 181.255 $\chi^2/\text{NDF}: 13.7/18$

Left In: -51.376 ± 73.250 $\chi^2/\text{NDF}: 29.4/21$

Left: -148.822 ± 51.391 $\chi^2/\text{NDF}: 76.2/45$

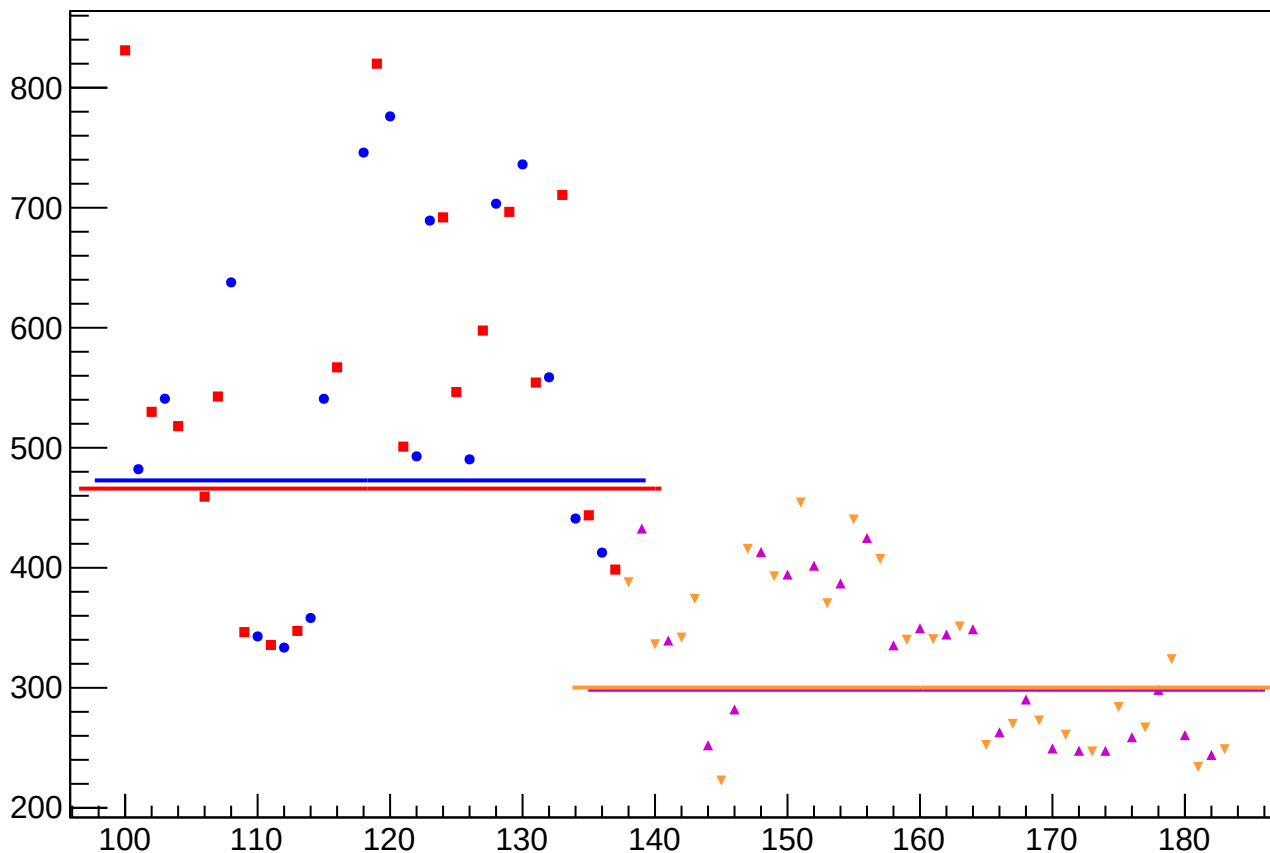
Right: 100.479 ± 131.070 $\chi^2/\text{NDF}: 43.0/35$

In: -66.507 ± 68.335 $\chi^2/\text{NDF}: 55.1/38$

Out: -162.812 ± 67.009 $\chi^2/\text{NDF}: 66.2/42$

All: -115.603 ± 47.844 $\chi^2/\text{NDF}: 122.3/81$

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 $\pm$ 0.134 χ^2/NDF : 896373.5/16

Left Out: 300.233 $\pm$ 0.051 χ^2/NDF :1545726.9/23

Right Out: 465.987 $\pm$ 0.128 χ^2/NDF : 942033.1/18

Left In: 298.348 $\pm$ 0.052 χ^2/NDF :1267068.6/21

Left: 299.305 $\pm$ 0.036 χ^2/NDF : 2813468.4/45

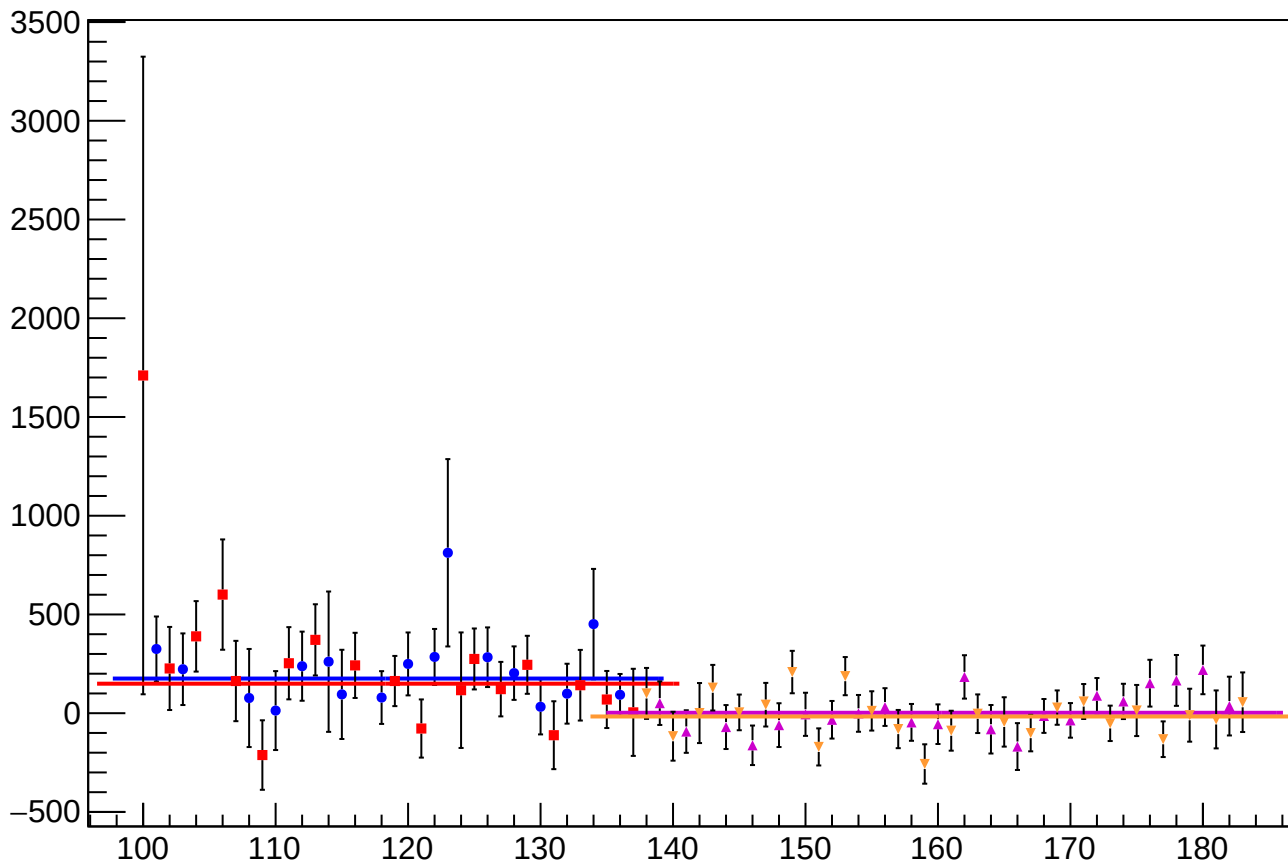
Right: 469.247 $\pm$ 0.093 χ^2/NDF : 1839762.8/35

In: 320.974 $\pm$ 0.048 χ^2/NDF :3634934.2/38

Out: 322.887 $\pm$ 0.047 χ^2/NDF :3931702.6/42

All: 321.949 $\pm$ 0.034 χ^2/NDF : 7567435.8/81

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 $\pm$ 40.358 χ^2 /NDF: 8.6/16

Left Out: -16.626 $\pm$ 21.517 χ^2 /NDF:25.8/23

Right Out: 149.419 $\pm$ 40.319 χ^2 /NDF: 18.4/18

Left In: 2.133 $\pm$ 22.126 χ^2 /NDF:18.5/21

Left: -7.508 $\pm$ 15.426 χ^2 /NDF: 44.7/45

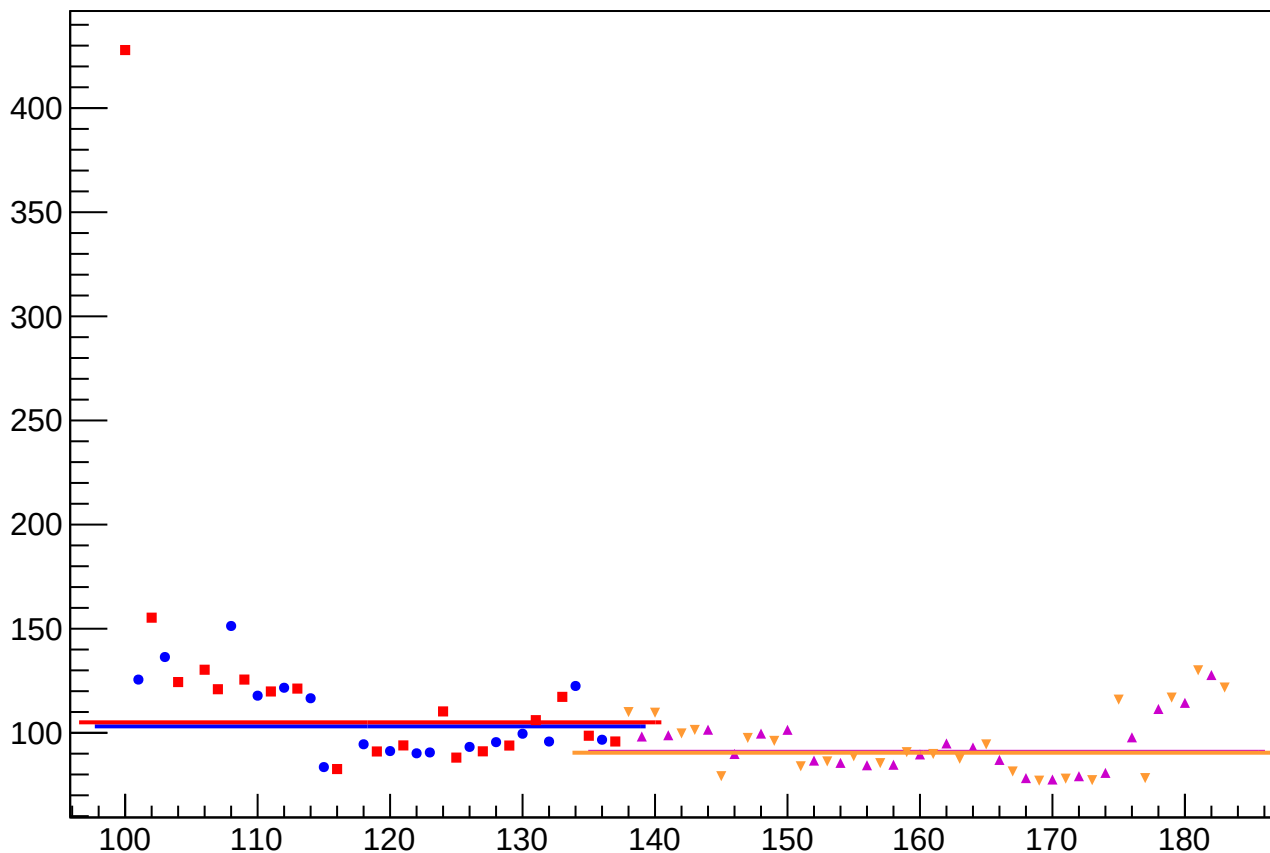
Right: 162.431 $\pm$ 28.524 χ^2 /NDF: 27.2/35

In: 42.192 $\pm$ 19.402 χ^2 /NDF:41.3/38

Out: 20.181 $\pm$ 18.983 χ^2 /NDF:57.4/42

All: 30.947 $\pm$ 13.569 χ^2 /NDF: 99.3/81

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 $\pm$ 0.029 χ^2 /NDF: 306438.5/16

Left Out: 90.458 $\pm$ 0.015 χ^2 /NDF: 760582.7/23

Right Out: 105.045 $\pm$ 0.029 χ^2 /NDF: 448699.0/18

Left In: 90.886 $\pm$ 0.016 χ^2 /NDF: 506445.8/21

Left: 90.666 $\pm$ 0.011 χ^2 /NDF: 1267412.9/45

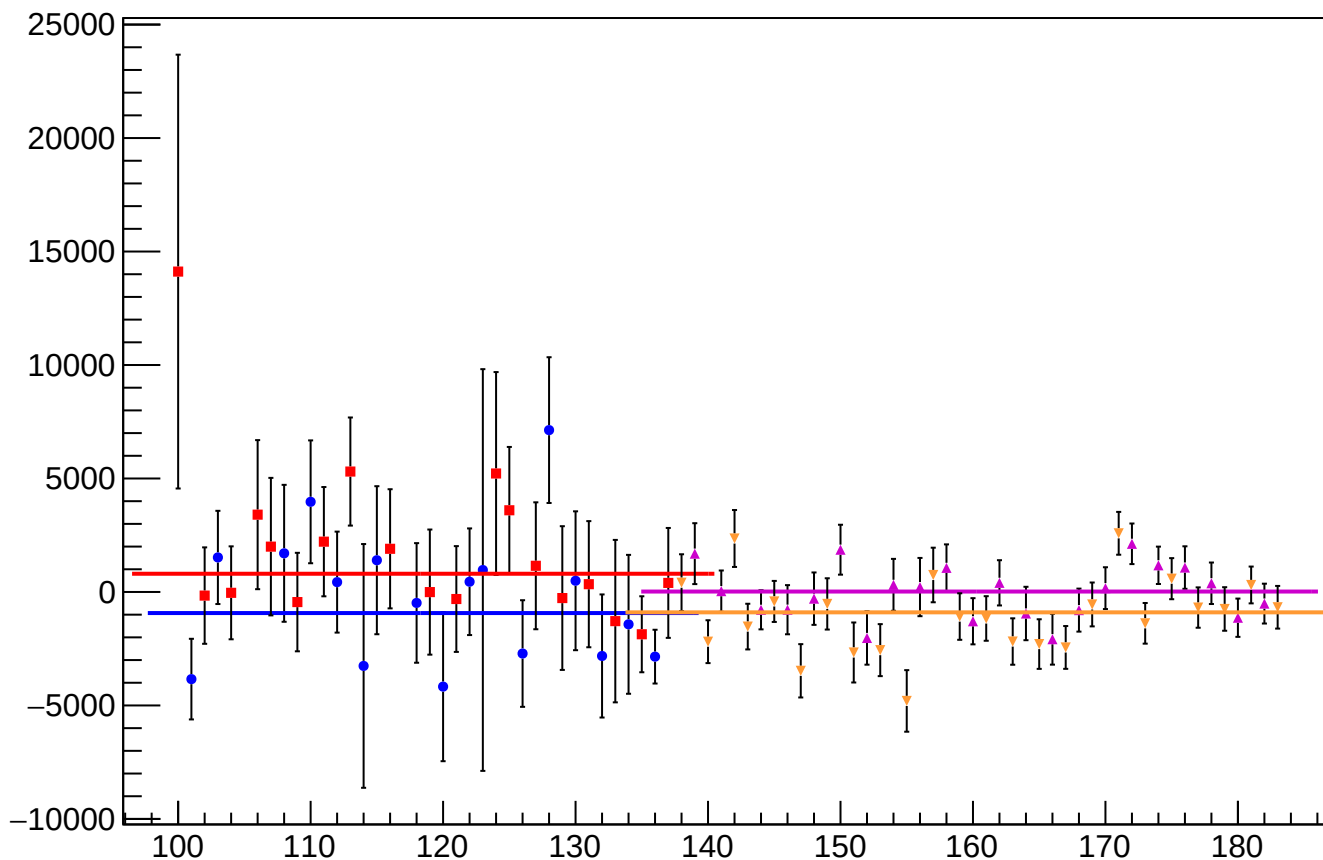
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 93.711 $\pm$ 0.014 χ^2 /NDF: 954015.6/38

Out: 93.692 $\pm$ 0.013 χ^2 /NDF: 1413049.2/42

All: 93.701 $\pm$ 0.010 χ^2 /NDF: 2367065.9/81

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932+/-586.968 χ^2/NDF : 20.9/16

Left Out: -897.998+/-207.362 χ^2/NDF : 54.4/23

Right Out: 802.855+/-593.810 χ^2/NDF : 12.9/18

Left In: 18.889+/-212.614 χ^2/NDF : 27.9/21

Left: -451.018+/-148.449 χ^2/NDF : 91.9/45

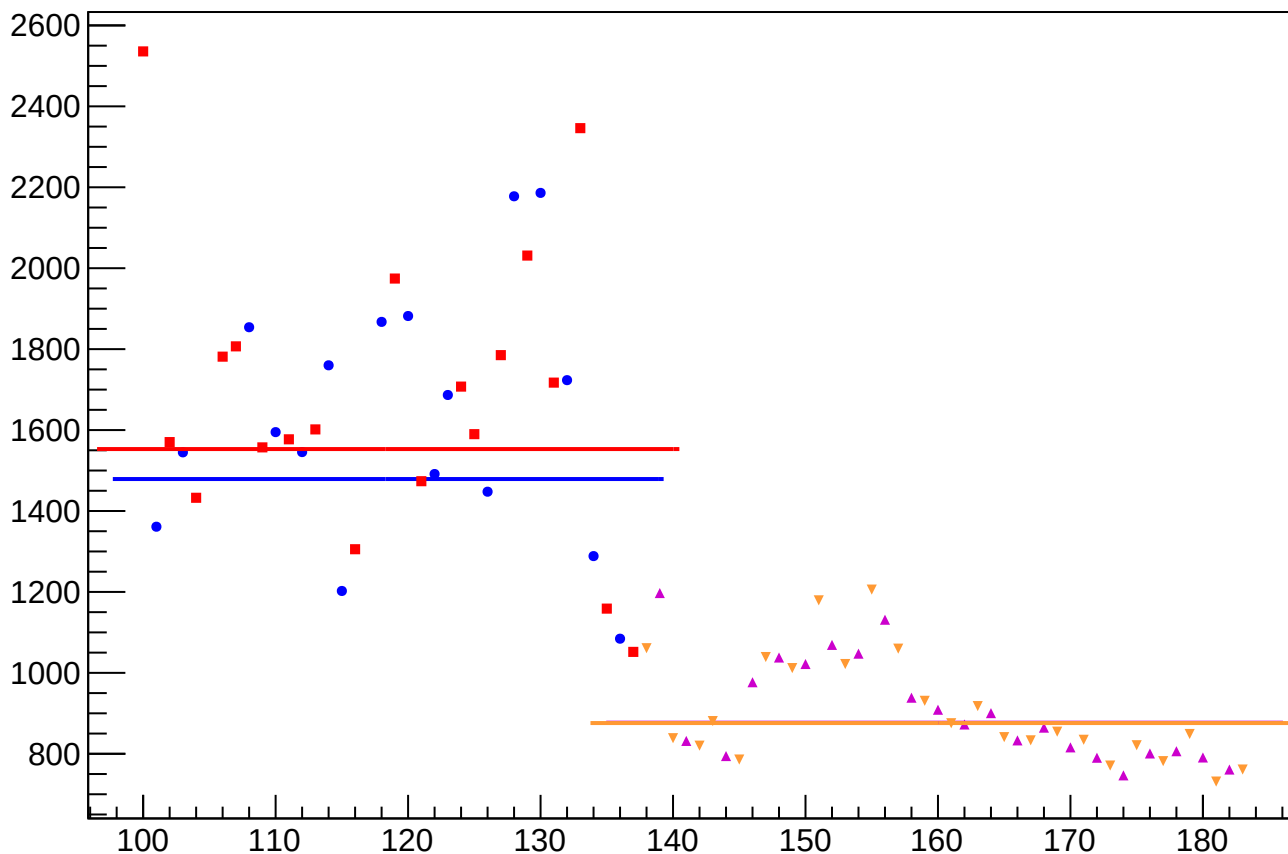
Right: -73.074+/-417.447 χ^2/NDF : 38.0/35

In: -91.047+/-199.904 χ^2/NDF : 51.1/38

Out: -713.132+/-195.769 χ^2/NDF : 74.6/42

All: -408.589+/-139.868 χ^2/NDF : 130.7/81

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991+/-0.415 χ^2/NDF : 589620.8/16

Left Out: 875.962+/-0.147 χ^2/NDF : 613112.3/23

Right Out: 1553.074+/-0.420 χ^2/NDF : 483784.4/18

Left In: 876.892+/-0.150 χ^2/NDF : 576159.2/21

Left: 876.416+/-0.105 χ^2/NDF : 1189291.1/45

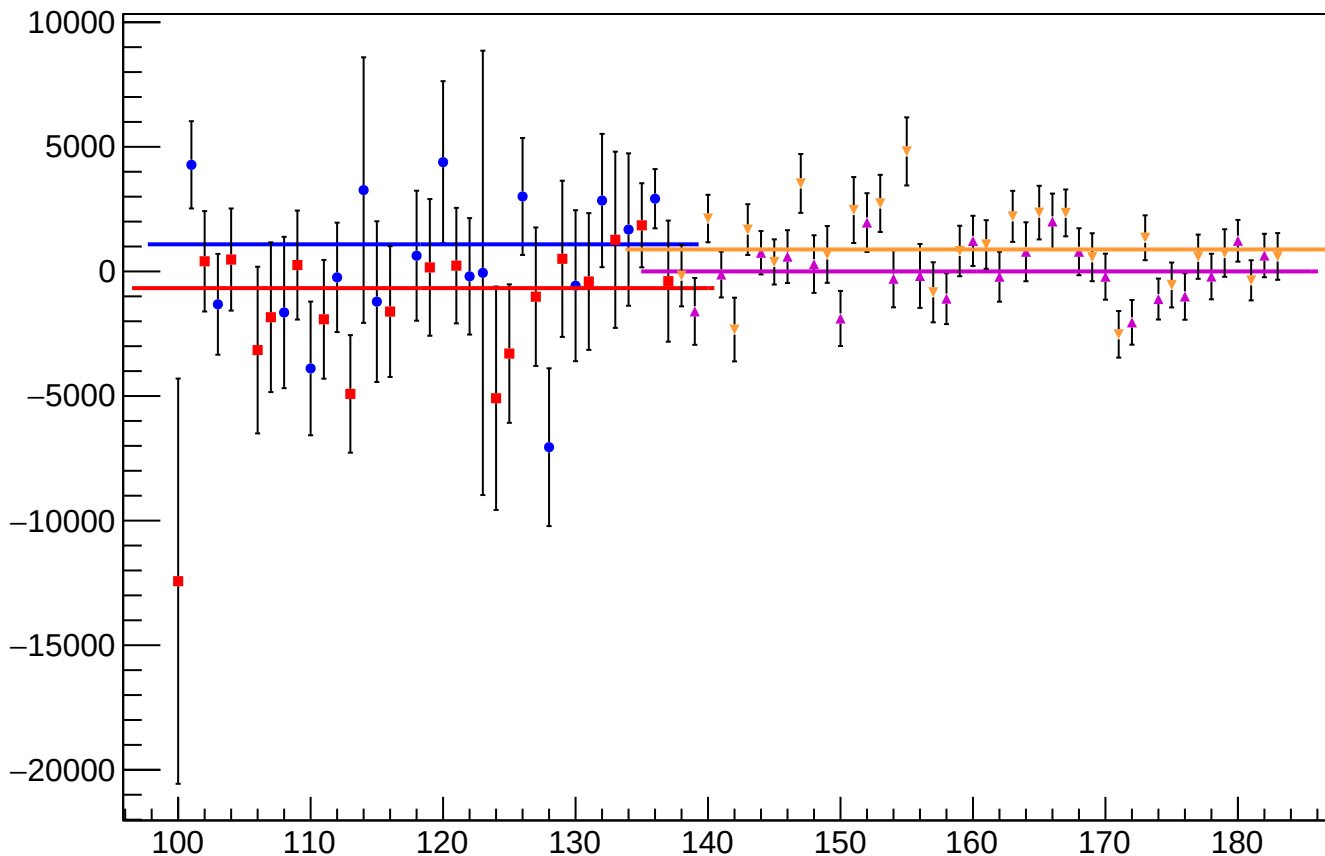
Right: 1515.603+/-0.295 χ^2/NDF : 1089150.4/35

In: 946.729+/-0.141 χ^2/NDF : 3026129.0/38

Out: 949.558+/-0.138 χ^2/NDF : 3414738.7/42

All: 948.173+/-0.099 χ^2/NDF : 6441072.3/81

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987 $\pm$ 583.326 χ^2 /NDF: 21.8/16

Left Out: 883.136 $\pm$ 207.121 χ^2 /NDF:53.8/23

Right Out: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

Left In: 0.257 $\pm$ 212.425 χ^2 /NDF:26.3/21

Left: 452.856 $\pm$ 148.296 χ^2 /NDF: 89.0/45

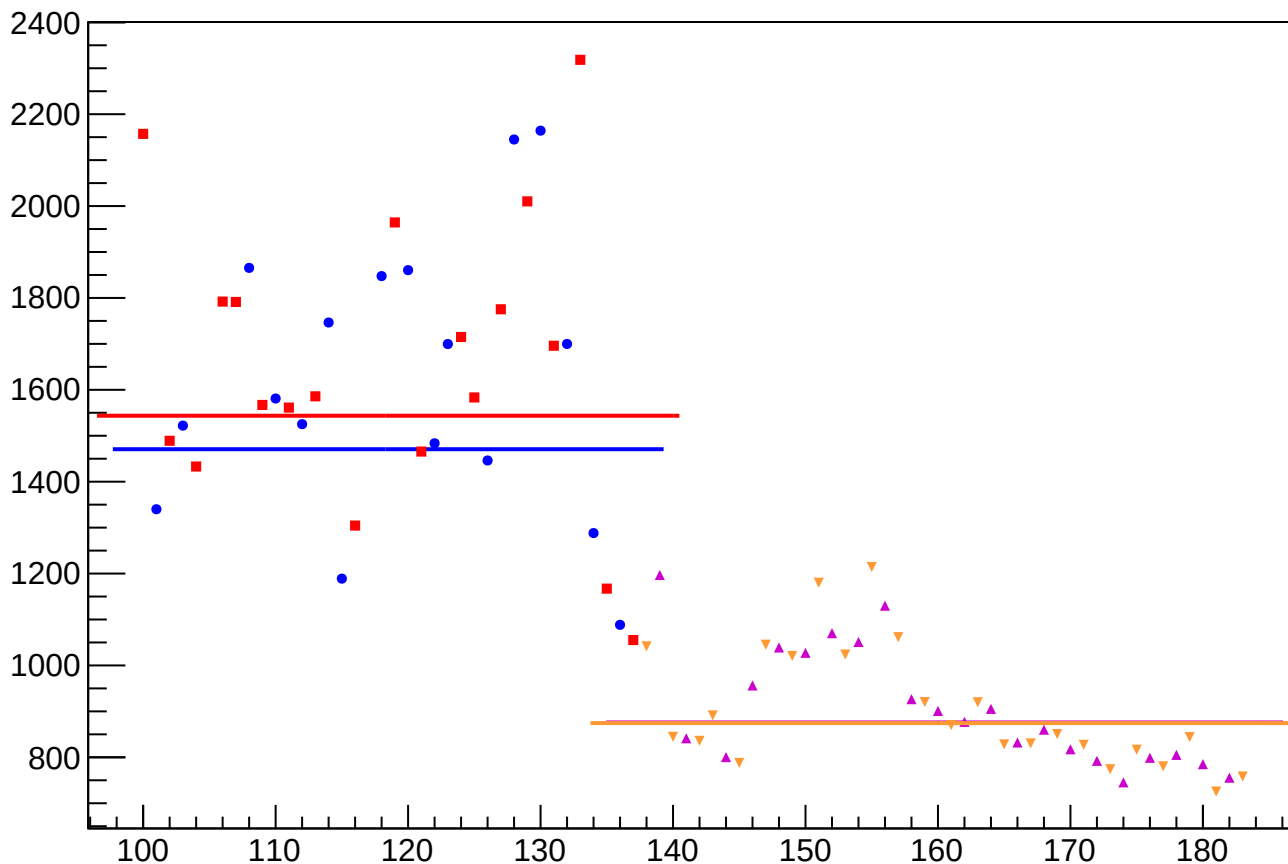
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 127.615 $\pm$ 199.602 χ^2 /NDF:51.2/38

Out: 712.707 $\pm$ 195.428 χ^2 /NDF:72.1/42

All: 426.342 $\pm$ 139.641 χ^2 /NDF: 127.7/81

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683+/-0.412 χ^2/NDF : 567728.4/16

Left Out: 874.482+/-0.146 χ^2/NDF : 625957.8/23

Right Out: 1543.589+/-0.417 χ^2/NDF : 454253.5/18

Left In: 875.910+/-0.150 χ^2/NDF : 574740.5/21

Left: 875.178+/-0.105 χ^2/NDF : 1200744.6/45

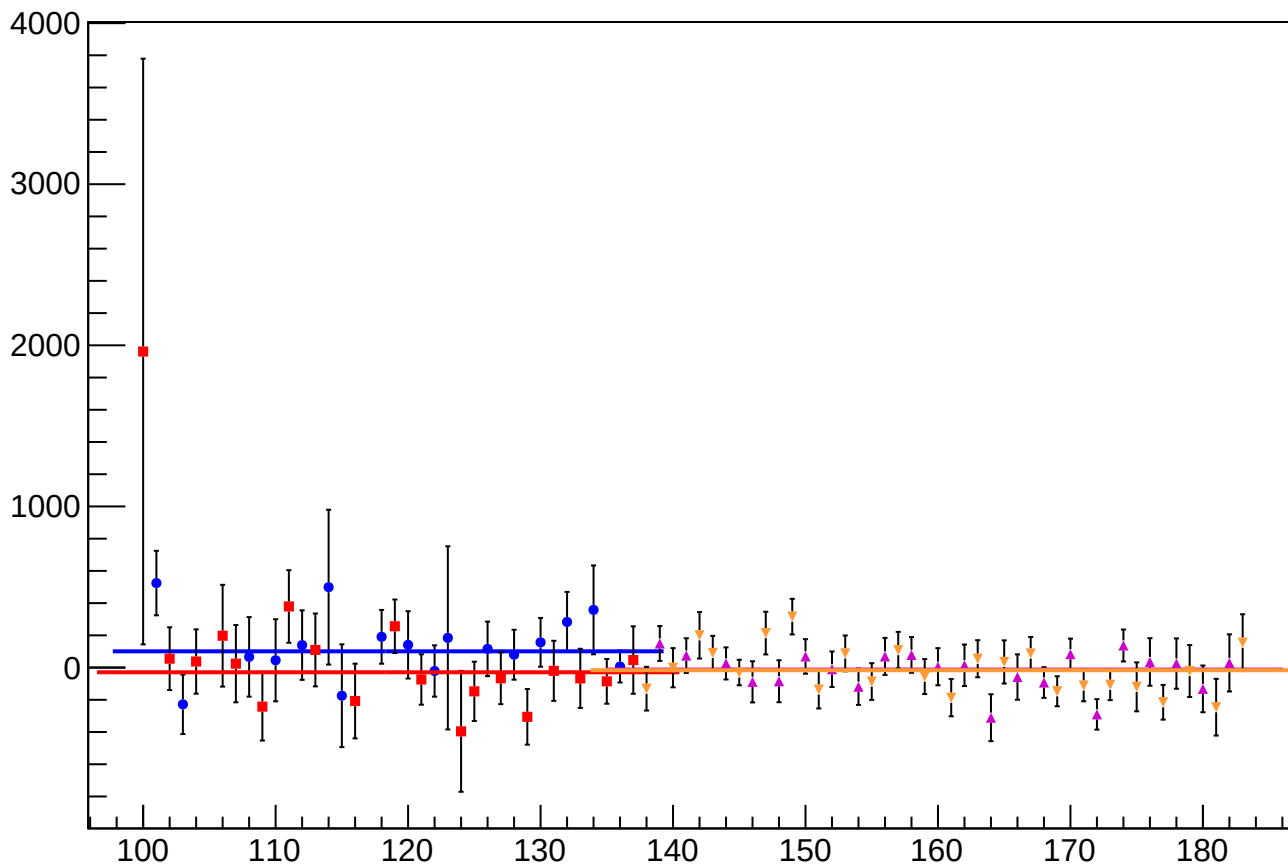
Right: 1506.721+/-0.293 χ^2/NDF : 1037425.2/35

In: 945.549+/-0.141 χ^2/NDF : 2978278.3/38

Out: 947.896+/-0.138 χ^2/NDF : 3370326.4/42

All: 946.747+/-0.099 χ^2/NDF : 6348745.8/81

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 ± 45.284 $\chi^2/\text{NDF}: 13.0/16$

Left Out: -16.336 ± 23.481 $\chi^2/\text{NDF}: 33.8/23$

Right Out: -29.152 ± 45.695 $\chi^2/\text{NDF}: 14.7/18$

Left In: -12.415 ± 24.780 $\chi^2/\text{NDF}: 24.2/21$

Left: -14.481 ± 17.044 $\chi^2/\text{NDF}: 58.1/45$

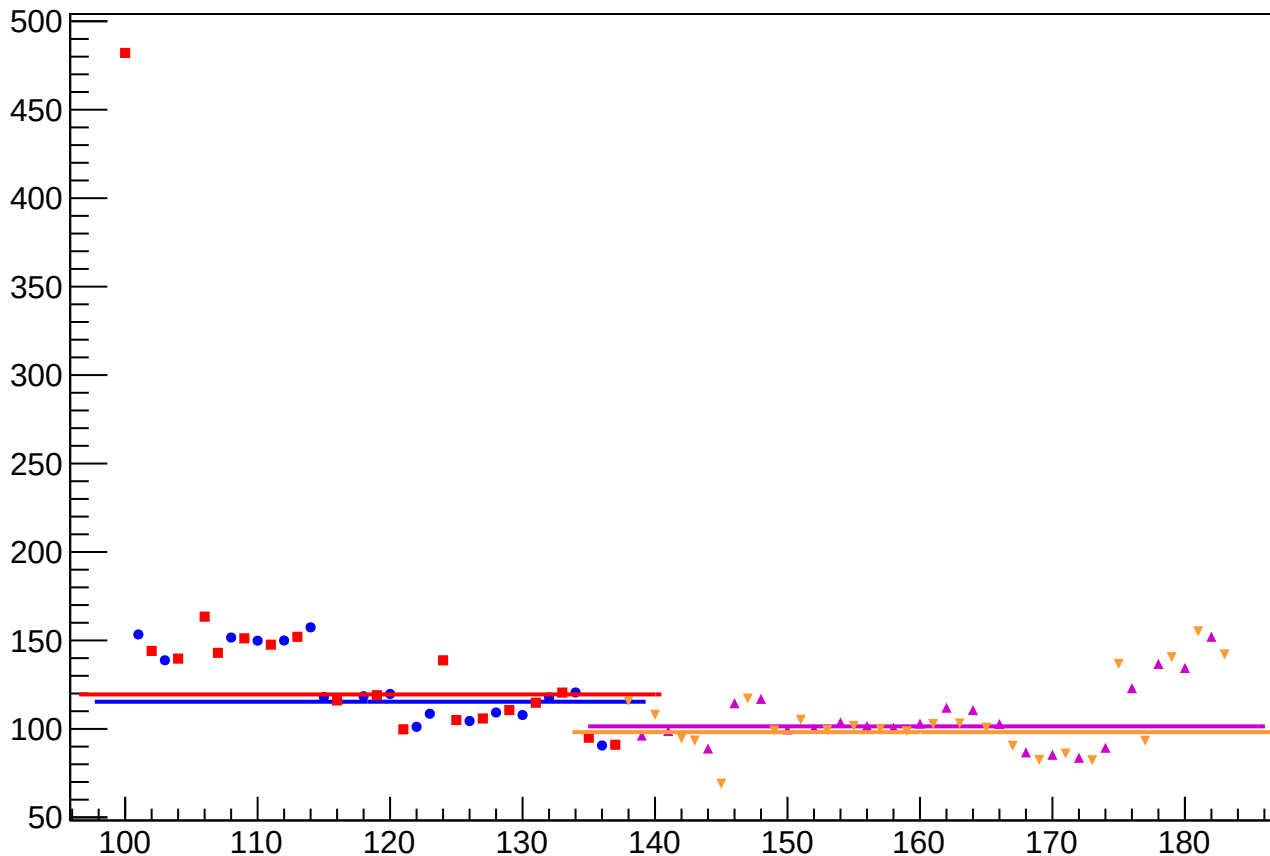
Right: 36.472 ± 32.165 $\chi^2/\text{NDF}: 31.8/35$

In: 13.702 ± 21.738 $\chi^2/\text{NDF}: 42.1/38$

Out: -19.013 ± 20.885 $\chi^2/\text{NDF}: 48.6/42$

All: -3.310 ± 15.060 $\chi^2/\text{NDF}: 91.9/81$

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 98.172 $\pm$ 0.017 χ^2 /NDF:1142321.5/23

Right Out: 119.492 $\pm$ 0.032 χ^2 /NDF: 477965.0/18

Left In: 101.433 $\pm$ 0.018 χ^2 /NDF:725403.7/21

Left: 99.715 $\pm$ 0.012 χ^2 /NDF: 1885974.7/45

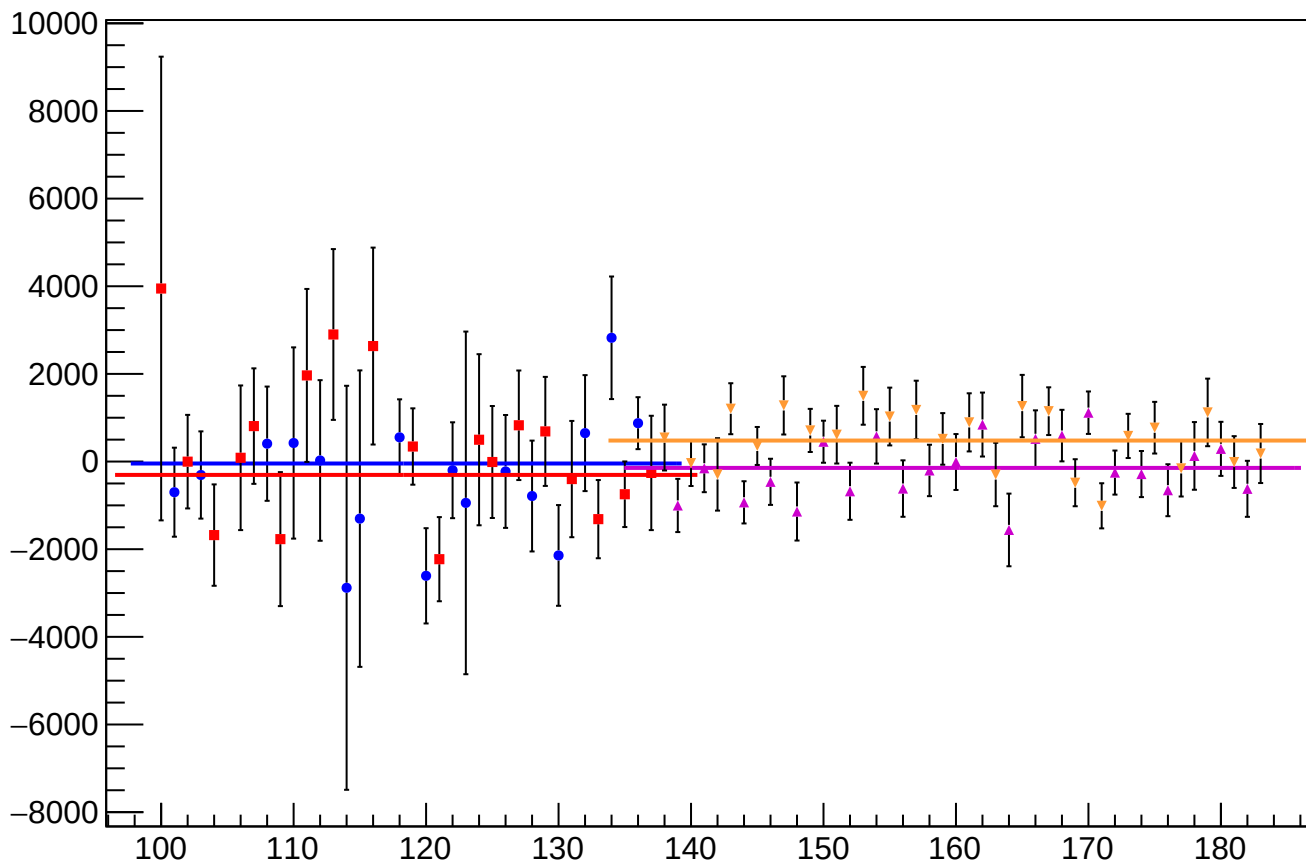
Right: 117.411 $\pm$ 0.023 χ^2 /NDF: 897552.7/35

In: 104.644 $\pm$ 0.015 χ^2 /NDF:1282480.6/38

Out: 102.626 $\pm$ 0.015 χ^2 /NDF:1964715.4/42

All: 103.594 $\pm$ 0.011 χ^2 /NDF: 3256162.5/81

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 $\pm$ 286.284 χ^2 /NDF: 17.9/16

Left Out: 479.345 $\pm$ 122.734 χ^2 /NDF:28.1/23

Right Out: -304.797 $\pm$ 282.708 χ^2 /NDF: 17.4/18

Left In: -145.034 $\pm$ 125.626 χ^2 /NDF:27.6/21

Left: 174.425 $\pm$ 87.791 χ^2 /NDF: 68.3/45

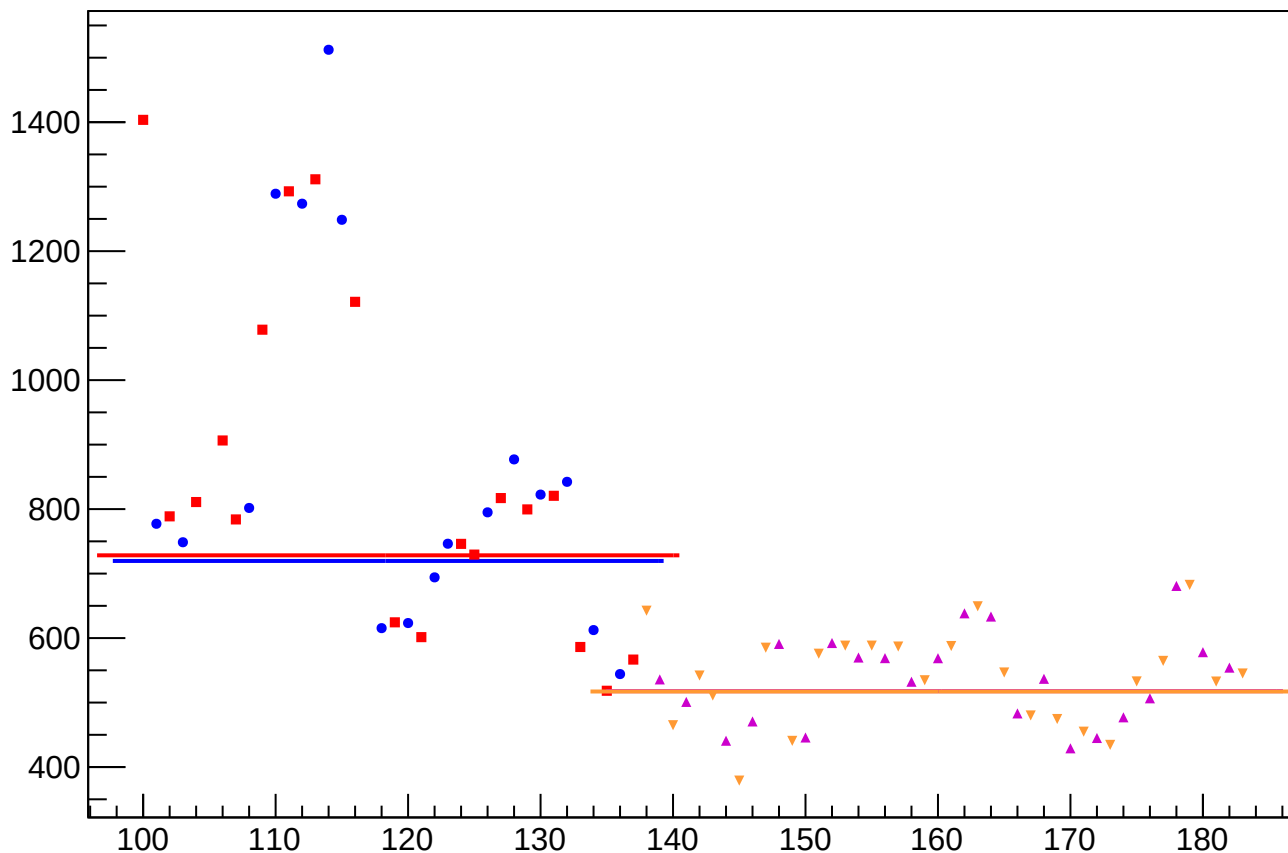
Right: -176.310 $\pm$ 201.157 χ^2 /NDF: 35.7/35

In: -128.809 $\pm$ 115.038 χ^2 /NDF:45.6/38

Out: 354.991 $\pm$ 112.583 χ^2 /NDF:52.0/42

All: 118.309 $\pm$ 80.462 χ^2 /NDF: 106.6/81

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 719.606 $\pm$ 0.202 χ^2 /NDF: 746949.1/16

Left Out: 517.174 $\pm$ 0.087 χ^2 /NDF: 743378.7/23

Right Out: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

Left In: 517.675 $\pm$ 0.089 χ^2 /NDF: 544649.0/21

Left: 517.418 $\pm$ 0.062 χ^2 /NDF: 1288043.9/45

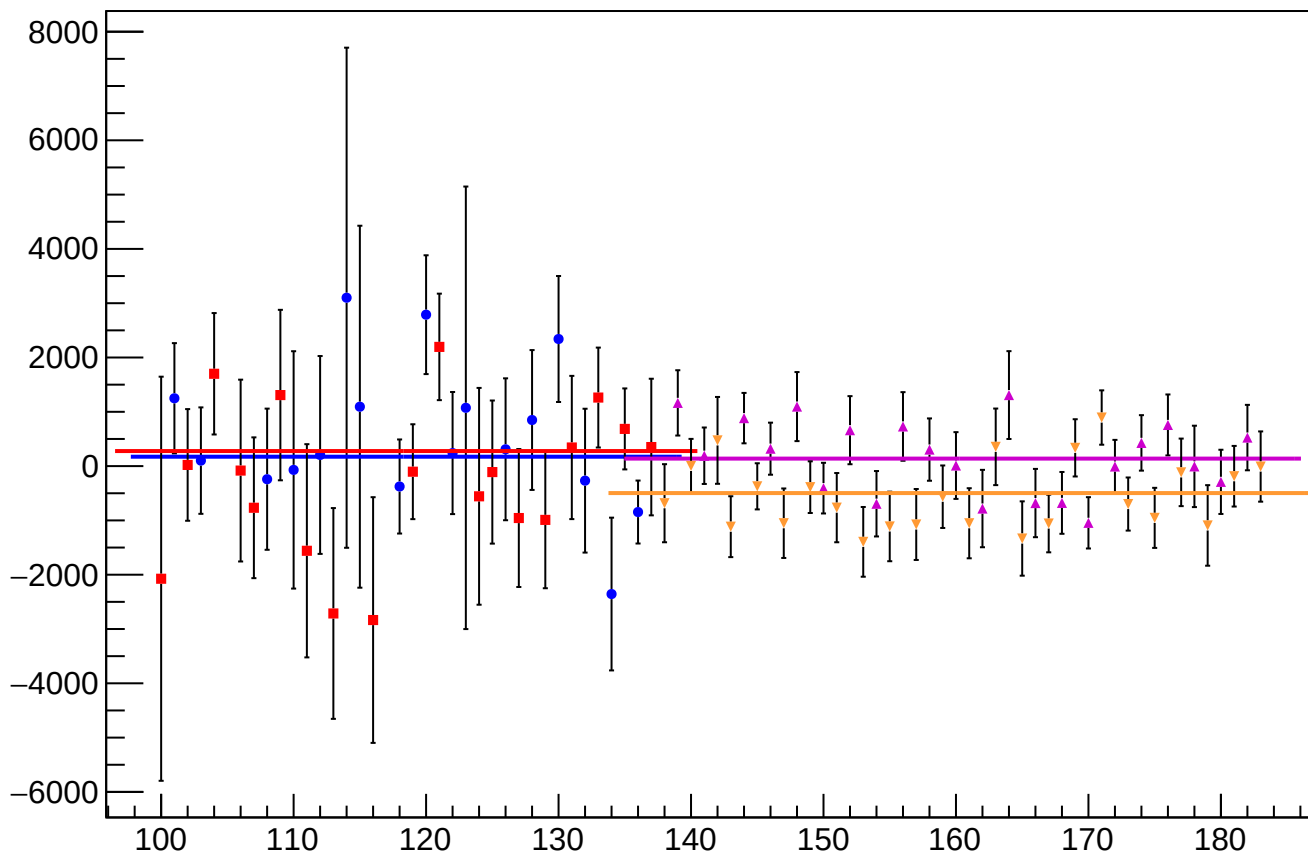
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 550.280 $\pm$ 0.081 χ^2 /NDF: 2125974.2/38

Out: 550.660 $\pm$ 0.080 χ^2 /NDF: 2595849.7/42

All: 550.474 $\pm$ 0.057 χ^2 /NDF: 4721835.1/81

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182 $\pm$ 285.672 χ^2 /NDF: 18.1/16

Left Out: -496.565 $\pm$ 118.730 χ^2 /NDF:26.3/23

Right Out: 277.145 $\pm$ 282.726 χ^2 /NDF: 16.0/18

Left In: 138.195 $\pm$ 121.119 χ^2 /NDF:29.3/21

Left: -185.506 $\pm$ 84.787 χ^2 /NDF: 69.6/45

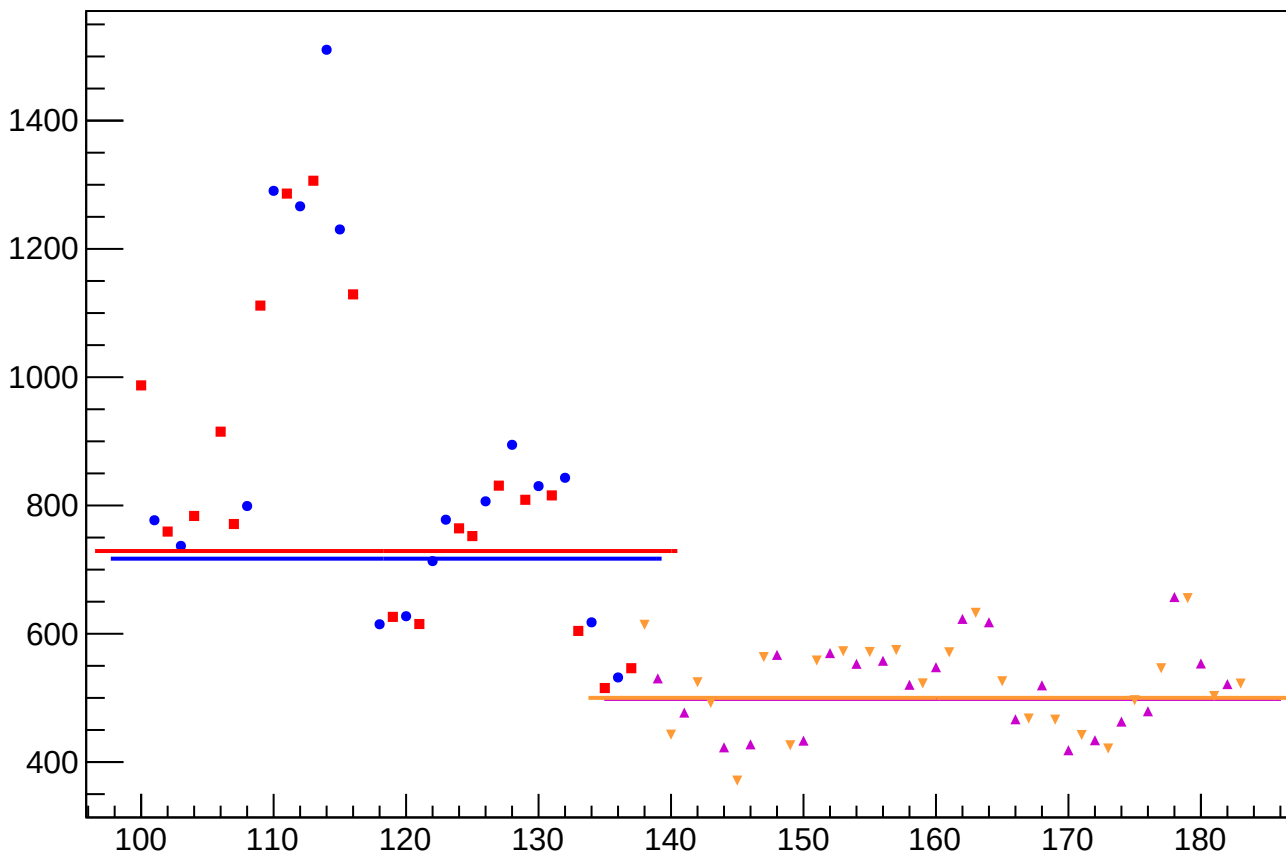
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 143.526 $\pm$ 111.510 χ^2 /NDF:47.4/38

Out: -380.573 $\pm$ 109.469 χ^2 /NDF:48.7/42

All: -123.364 $\pm$ 78.118 χ^2 /NDF: 107.3/81

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083 $\pm$ 0.202 χ^2/NDF : 782449.4/16

Left Out: 500.067 $\pm$ 0.084 χ^2/NDF : 721326.2/23

Right Out: 728.989 $\pm$ 0.200 χ^2/NDF : 890725.1/18

Left In: 498.408 $\pm$ 0.086 χ^2/NDF : 570662.5/21

Left: 499.254 $\pm$ 0.060 χ^2/NDF : 1292179.9/45

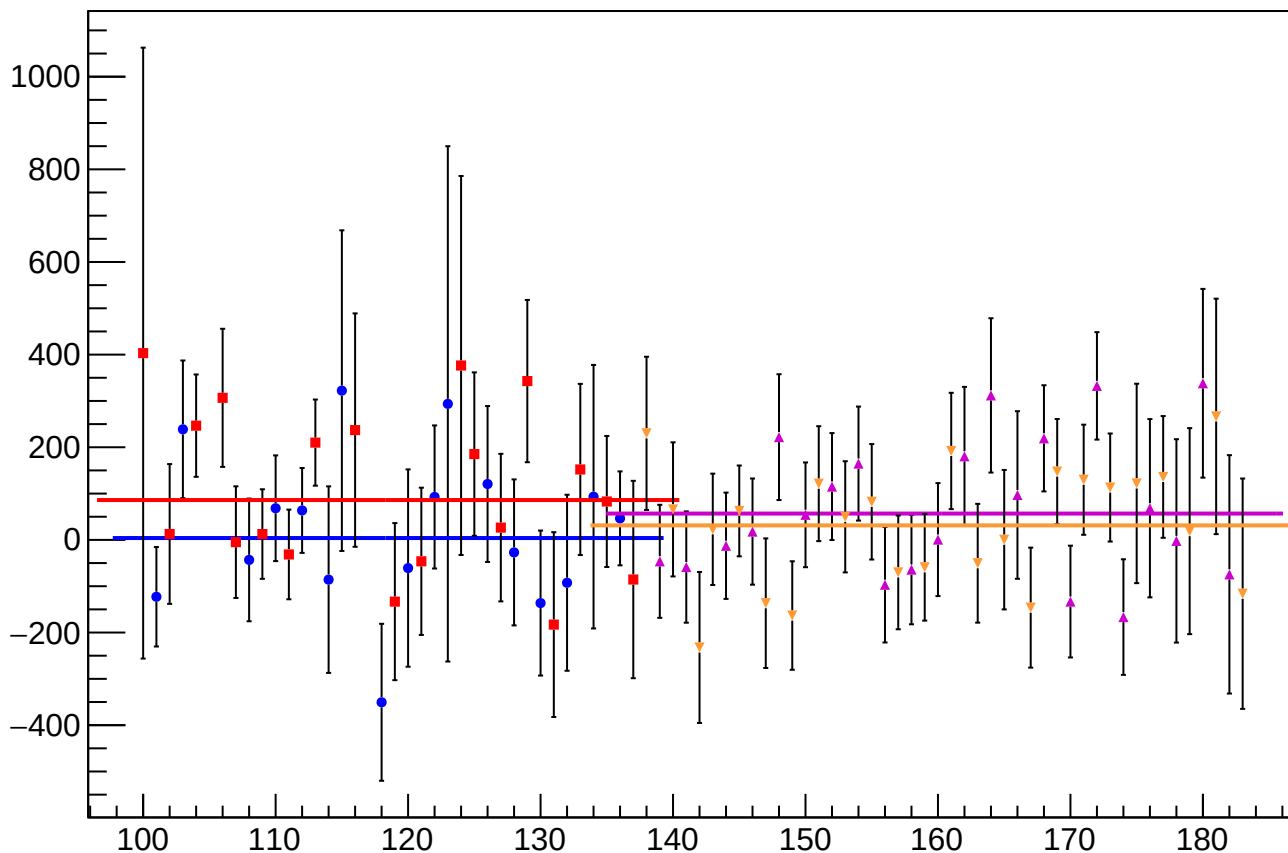
Right: 723.098 $\pm$ 0.142 χ^2/NDF : 1674929.6/35

In: 531.727 $\pm$ 0.079 χ^2/NDF : 2346451.9/38

Out: 534.386 $\pm$ 0.077 χ^2/NDF : 2726699.7/42

All: 533.081 $\pm$ 0.055 χ^2/NDF : 5073730.5/81

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 χ^2/NDF : 12.7/16

Left Out: 31.384 ± 27.309 χ^2/NDF : 18.7/23

Right Out: 86.020 ± 33.370 χ^2/NDF : 17.6/18

Left In: 56.849 ± 28.323 χ^2/NDF : 26.1/21

Left: 43.652 ± 19.659 χ^2/NDF : 45.1/45

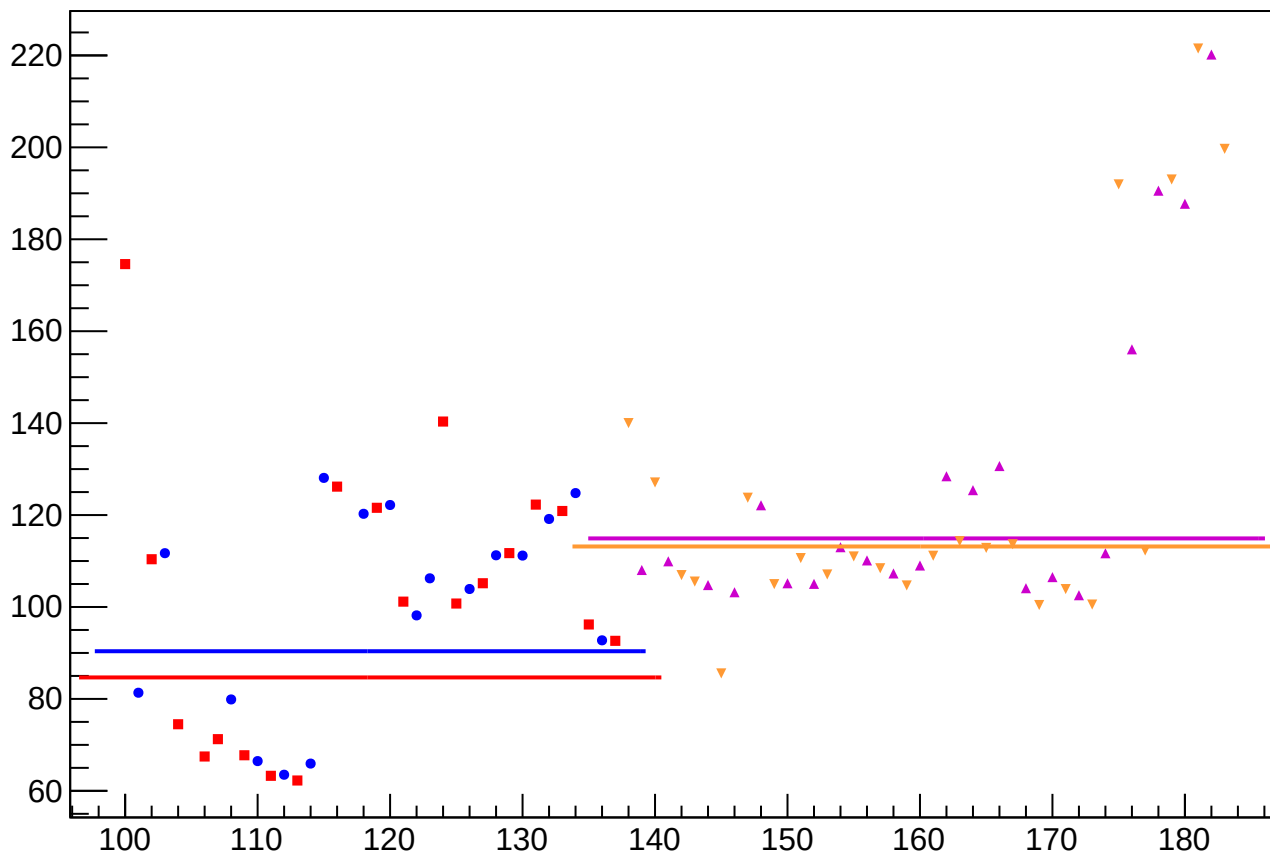
Right: 48.064 ± 24.458 χ^2/NDF : 33.1/35

In: 36.613 ± 22.248 χ^2/NDF : 40.1/38

Out: 53.298 ± 21.134 χ^2/NDF : 37.9/42

All: 45.384 ± 15.323 χ^2/NDF : 78.3/81

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375+/-0.025 χ^2/NDF : 654139.7/16

Left Out: 113.165+/-0.019 χ^2/NDF : 1475281.0/23

Right Out: 84.673+/-0.024 χ^2/NDF : 908123.4/18

Left In: 114.918+/-0.020 χ^2/NDF : 1107958.2/21

Left: 114.010+/-0.014 χ^2/NDF : 2587210.0/45

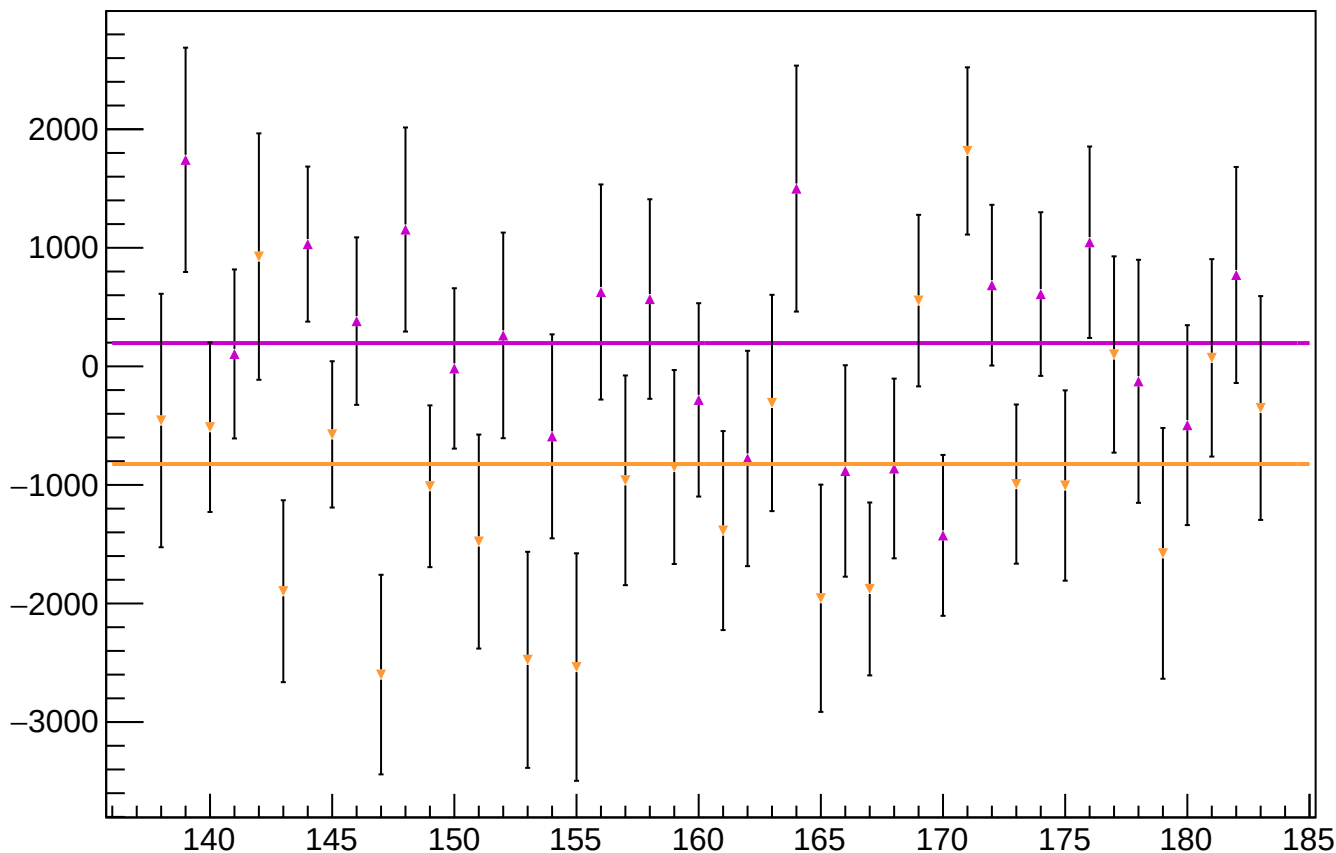
Right: 87.312+/-0.017 χ^2/NDF : 1589292.9/35

In: 105.519+/-0.016 χ^2/NDF : 2337250.0/38

Out: 101.737+/-0.015 χ^2/NDF : 3256636.2/42

All: 103.531+/-0.011 χ^2/NDF : 5624260.3/81

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -823.796+/-166.352 χ^2/NDF :42.0/23

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

Left In: 196.520+/-170.342 χ^2/NDF :22.3/21

Left: -325.727+/-119.014 χ^2/NDF : 82.7/45

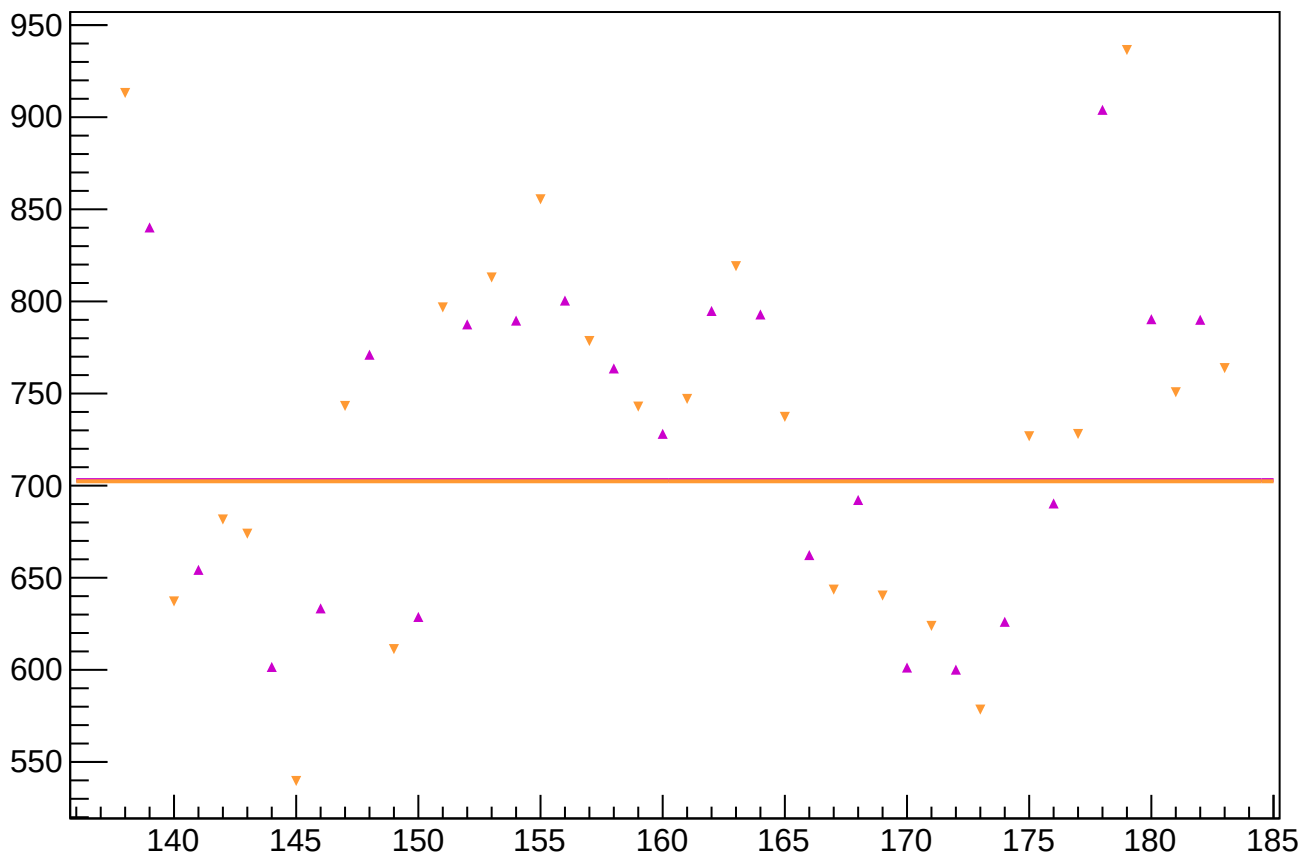
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 196.520+/-170.342 χ^2/NDF :22.3/21

Out: -823.796+/-166.352 χ^2/NDF :42.0/23

All: -325.727+/-119.014 χ^2/NDF : 82.7/45

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 702.369+/-0.118 χ^2/NDF : 678199.7/23

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

Left In: 702.995+/-0.120 χ^2/NDF : 503255.3/21

Left: 702.675+/-0.084 χ^2/NDF : 1181468.8/45

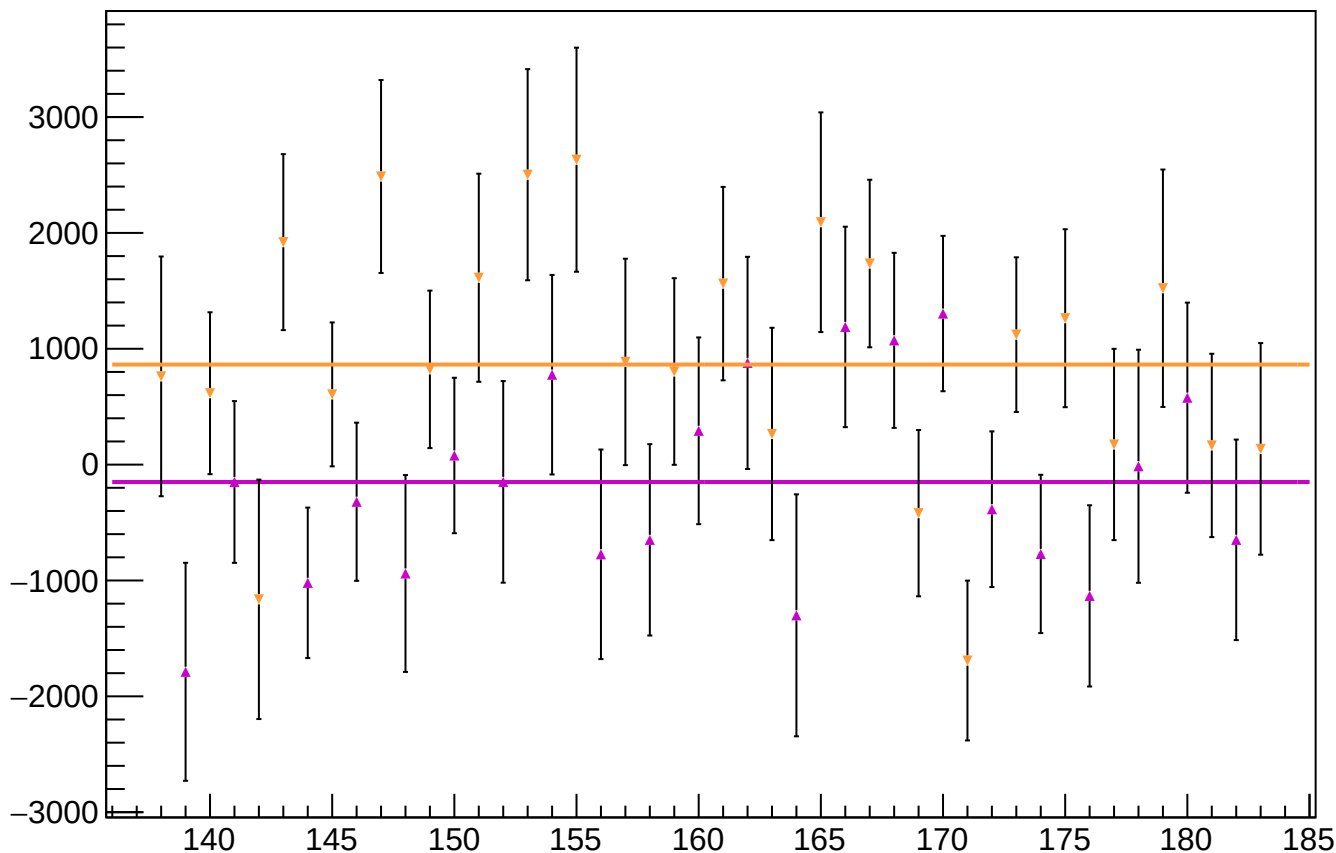
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 702.995+/-0.120 χ^2/NDF : 503255.3/21

Out: 702.369+/-0.118 χ^2/NDF : 678199.7/23

All: 702.675+/-0.084 χ^2/NDF : 1181468.8/45

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 863.623+/-164.357 χ^2/NDF :41.3/23

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

Left In: -150.068+/-168.008 χ^2/NDF :24.0/21

Left: 367.911+/-117.487 χ^2/NDF : 83.9/45

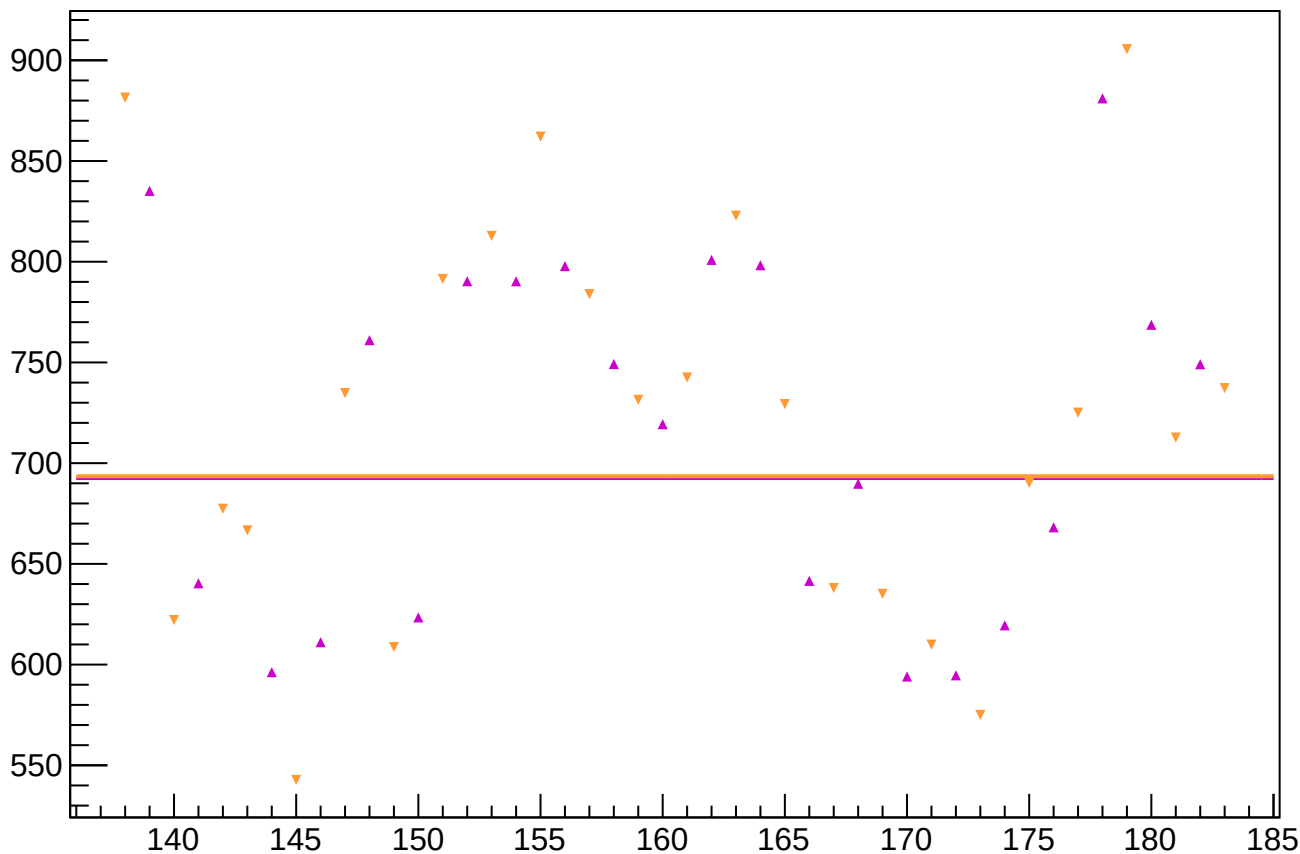
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -150.068+/-168.008 χ^2/NDF :24.0/21

Out: 863.623+/-164.357 χ^2/NDF :41.3/23

All: 367.911+/-117.487 χ^2/NDF : 83.9/45

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 693.503+/-0.116 χ^2/NDF : 649104.2/23

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

Left In: 692.619+/-0.119 χ^2/NDF : 515500.5/21

Left: 693.071+/-0.083 χ^2/NDF : 1164633.0/45

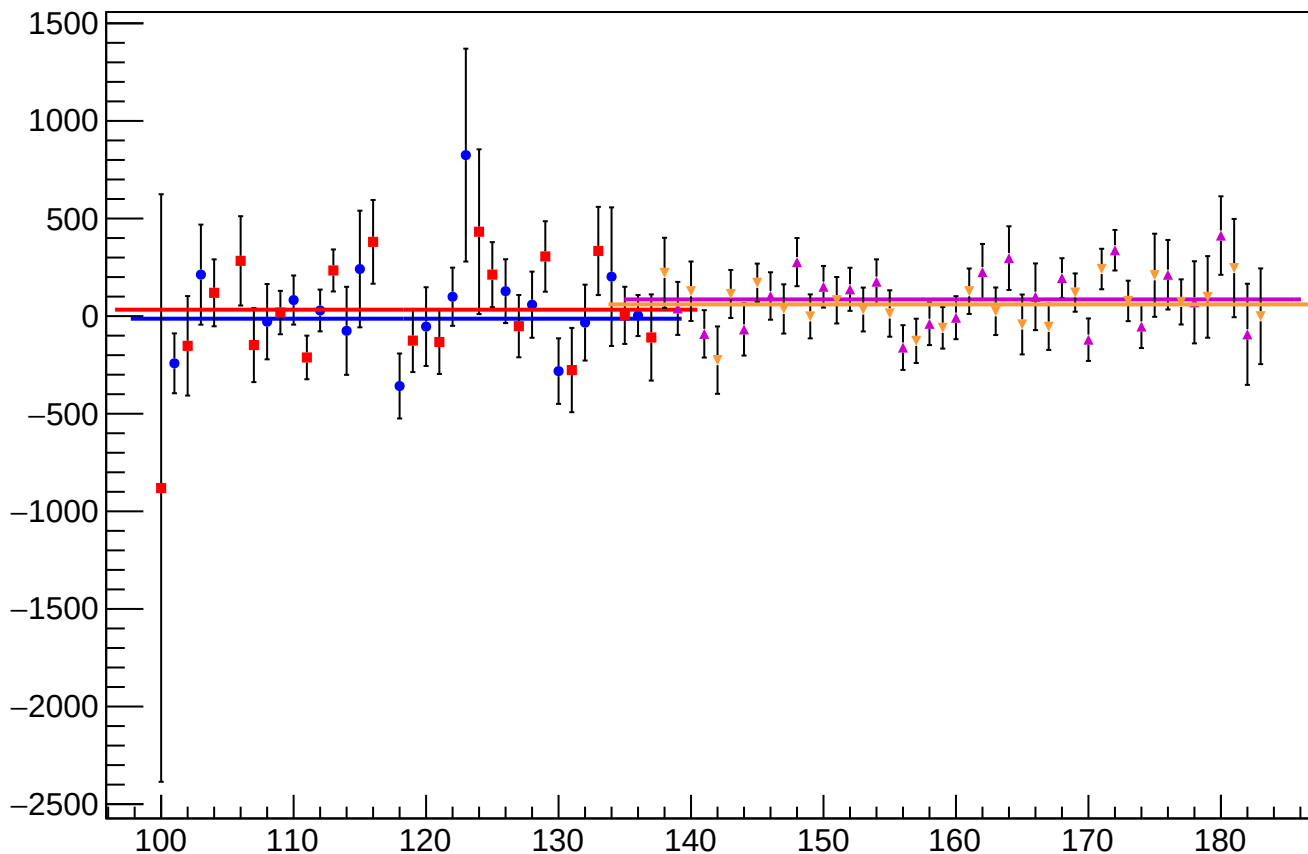
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 692.619+/-0.119 χ^2/NDF : 515500.5/21

Out: 693.503+/-0.116 χ^2/NDF : 649104.2/23

All: 693.071+/-0.083 χ^2/NDF : 1164633.0/45

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 $\pm$ 40.554 χ^2 /NDF: 15.7/16

Left Out: 60.055 $\pm$ 25.802 χ^2 /NDF:16.2/23

Right Out: 33.027 $\pm$ 38.878 χ^2 /NDF: 25.1/18

Left In: 85.624 $\pm$ 27.016 χ^2 /NDF:32.3/21

Left: 72.252 $\pm$ 18.659 χ^2 /NDF: 49.0/45

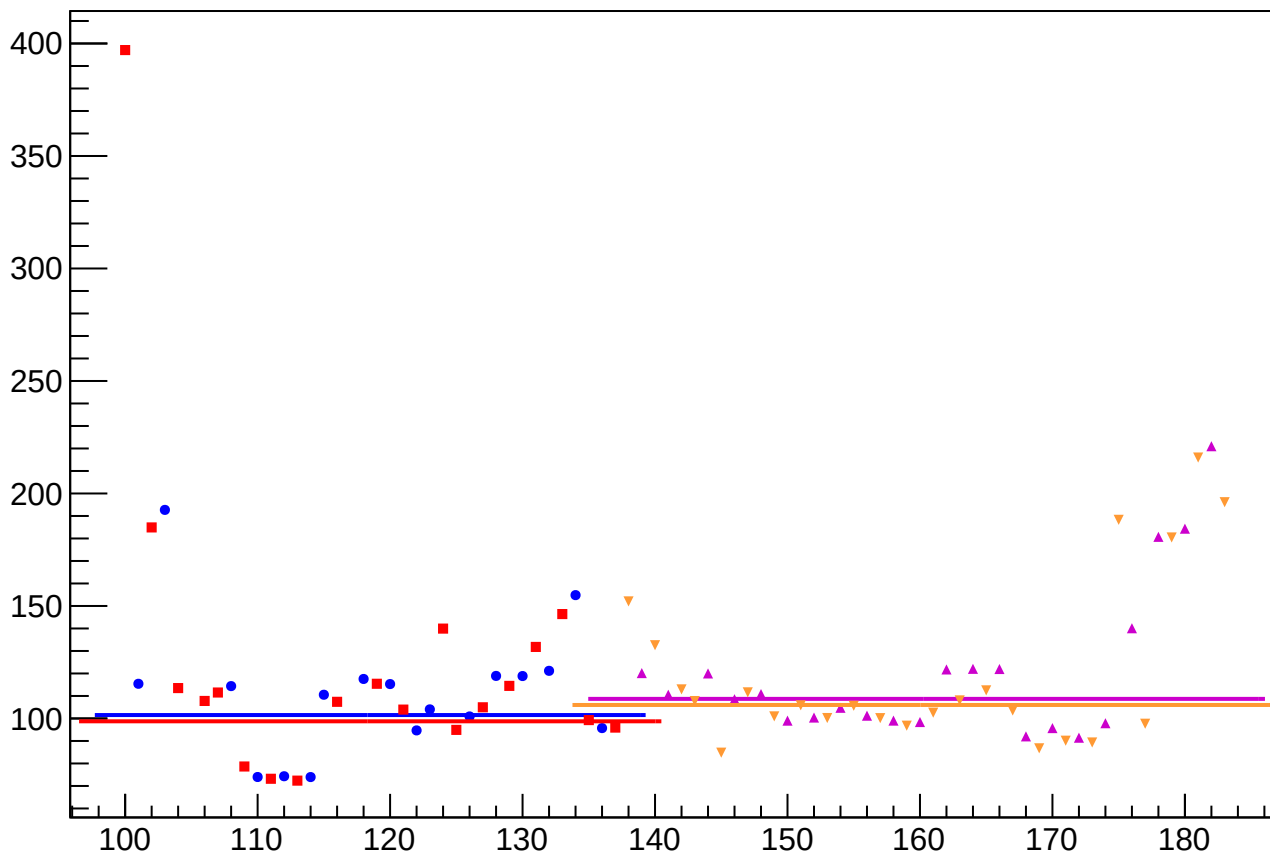
Right: 10.881 $\pm$ 28.065 χ^2 /NDF: 41.4/35

In: 55.243 $\pm$ 22.484 χ^2 /NDF:52.1/38

Out: 51.790 $\pm$ 21.498 χ^2 /NDF:41.6/42

All: 53.439 $\pm$ 15.538 χ^2 /NDF: 93.7/81

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519+/-0.029 χ^2/NDF : 681713.7/16

Left Out: 105.996+/-0.018 χ^2/NDF :1719045.8/23

Right Out: 98.736+/-0.027 χ^2/NDF : 825631.4/18

Left In: 108.708+/-0.019 χ^2/NDF :1255171.4/21

Left: 107.290+/-0.013 χ^2/NDF : 2984753.3/45

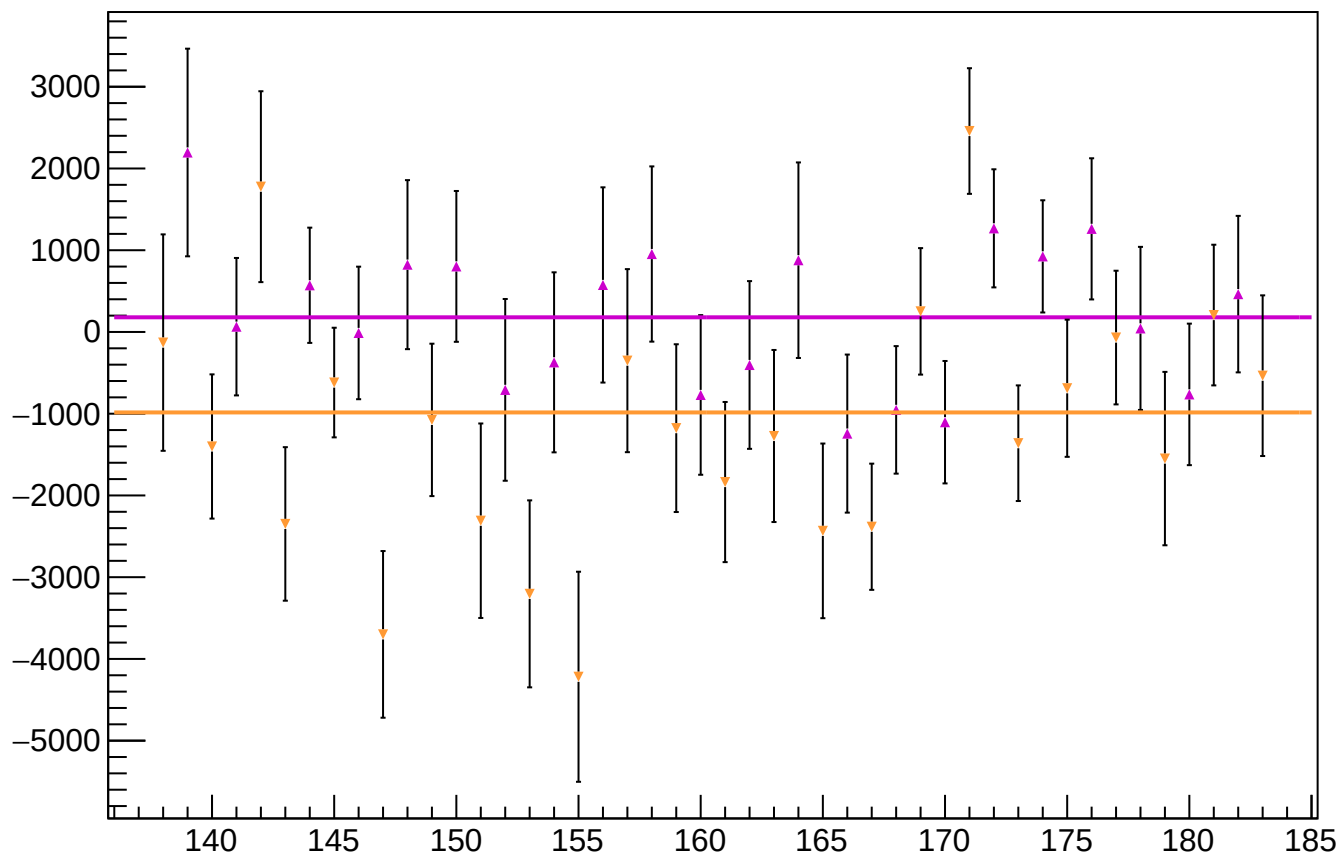
Right: 100.069+/-0.020 χ^2/NDF : 1512254.1/35

In: 106.498+/-0.016 χ^2/NDF :1980410.0/38

Out: 103.776+/-0.015 χ^2/NDF :2593098.1/42

All: 105.076+/-0.011 χ^2/NDF : 4588820.1/81

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -984.461+/-189.203 χ^2/NDF :60.1/23

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

Left In: 179.319+/-192.852 χ^2/NDF :20.4/21

Left: -413.684+/-135.058 χ^2/NDF : 99.0/45

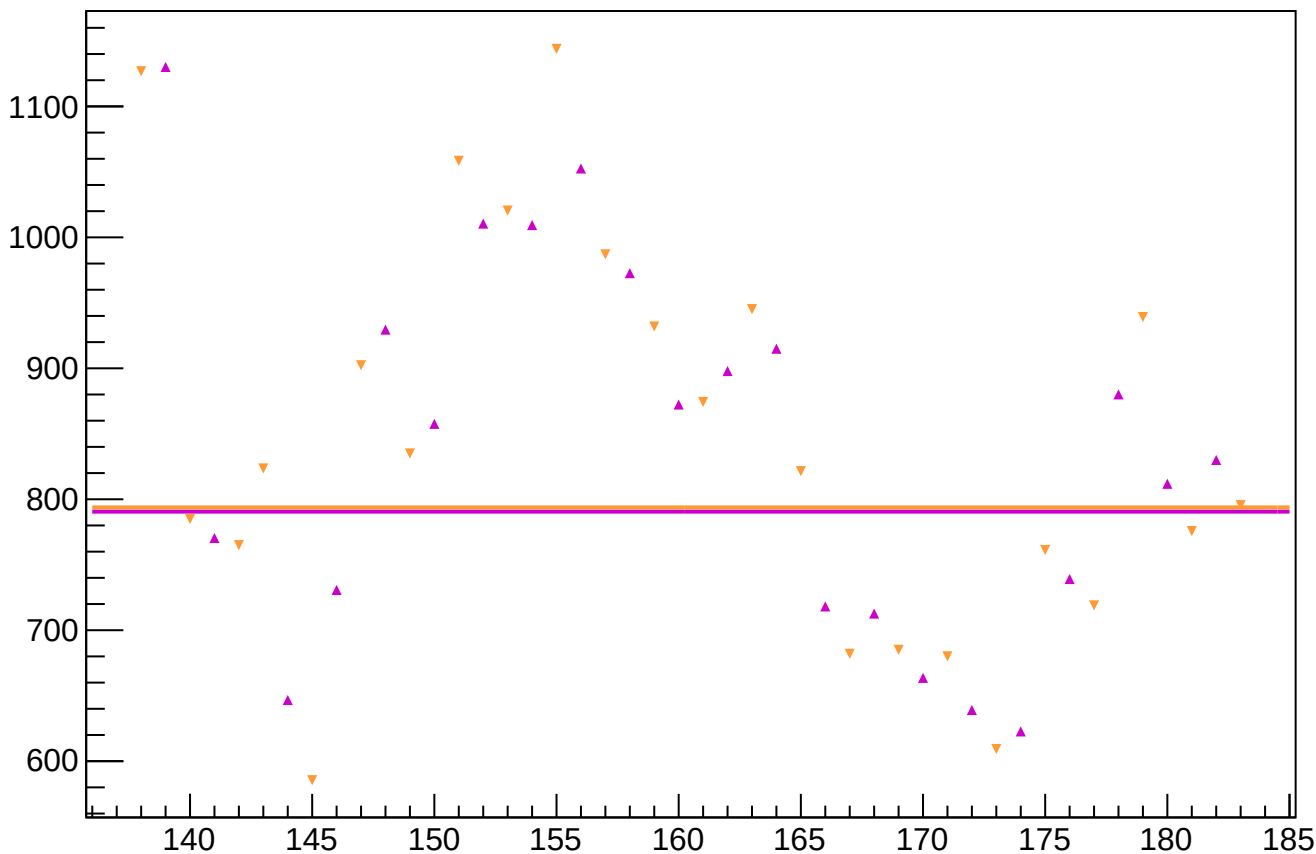
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 179.319+/-192.852 χ^2/NDF :20.4/21

Out: -984.461+/-189.203 χ^2/NDF :60.1/23

All: -413.684+/-135.058 χ^2/NDF : 99.0/45

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 793.795+/-0.134 χ^2/NDF :1147145.5/23

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

Left In: 790.561+/-0.136 χ^2/NDF :977676.2/21

Left: 792.209+/-0.096 χ^2/NDF : 2125108.3/45

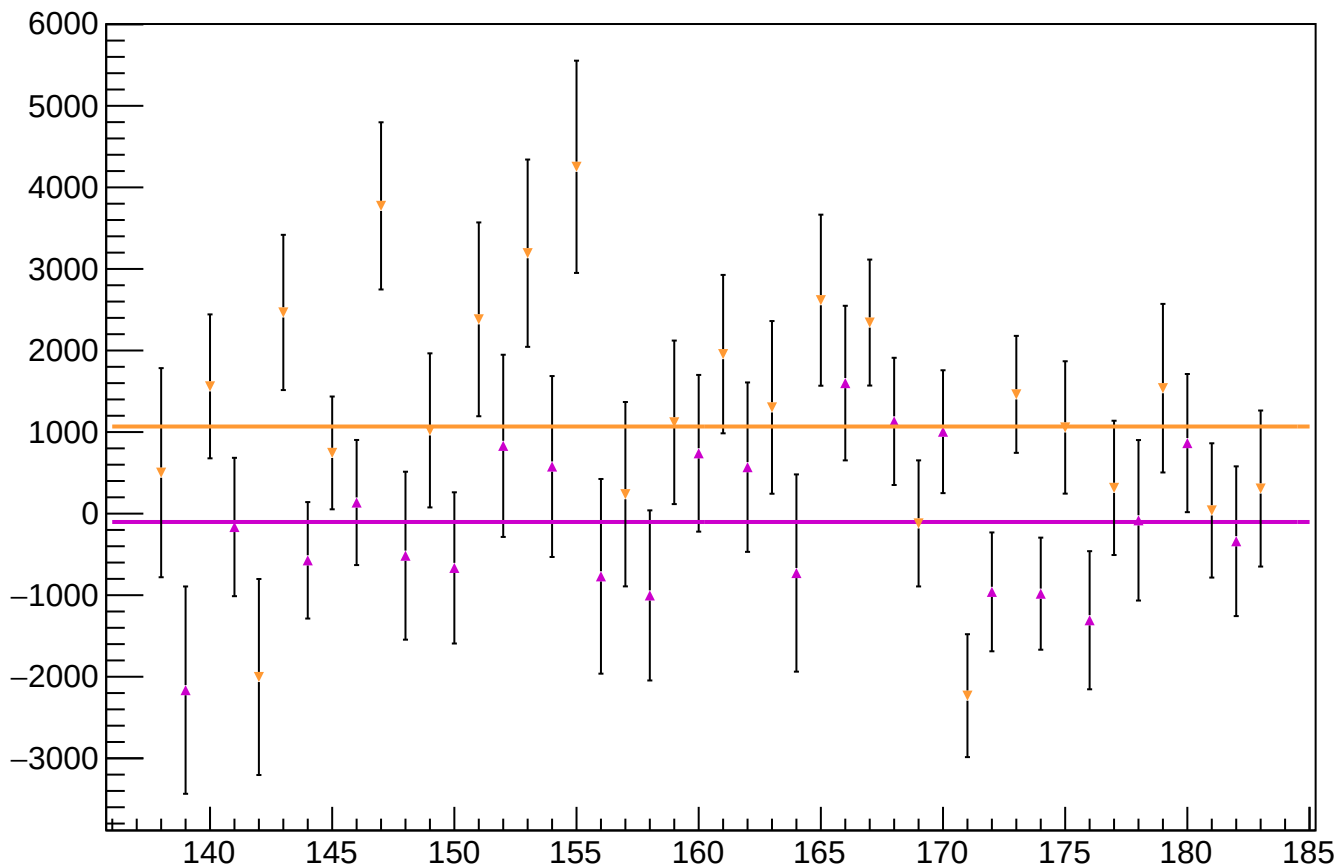
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 790.561+/-0.136 χ^2/NDF :977676.2/21

Out: 793.795+/-0.134 χ^2/NDF :1147145.5/23

All: 792.209+/-0.096 χ^2/NDF : 2125108.3/45

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 1068.014+/-188.628 χ^2/NDF :58.4/23

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

Left In: -102.508+/-191.608 χ^2/NDF :21.6/21

Left: 491.926+/-134.421 χ^2/NDF : 99.0/45

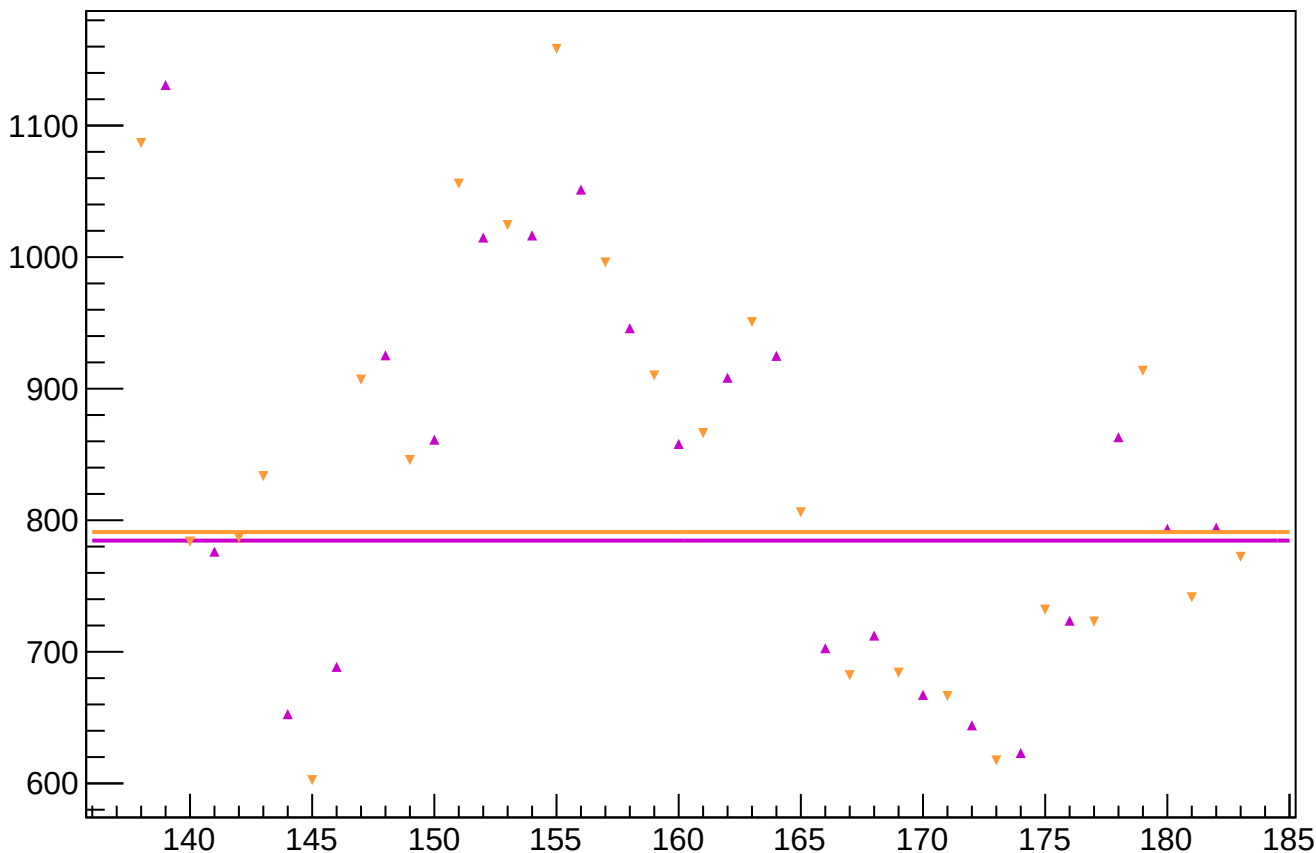
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -102.508+/-191.608 χ^2/NDF :21.6/21

Out: 1068.014+/-188.628 χ^2/NDF :58.4/23

All: 491.926+/-134.421 χ^2/NDF : 99.0/45

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 791.041+/-0.133 χ^2/NDF :1094819.0/23

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

Left In: 784.544+/-0.135 χ^2/NDF :975487.9/21

Left: 787.843+/-0.095 χ^2/NDF : 2071474.5/45

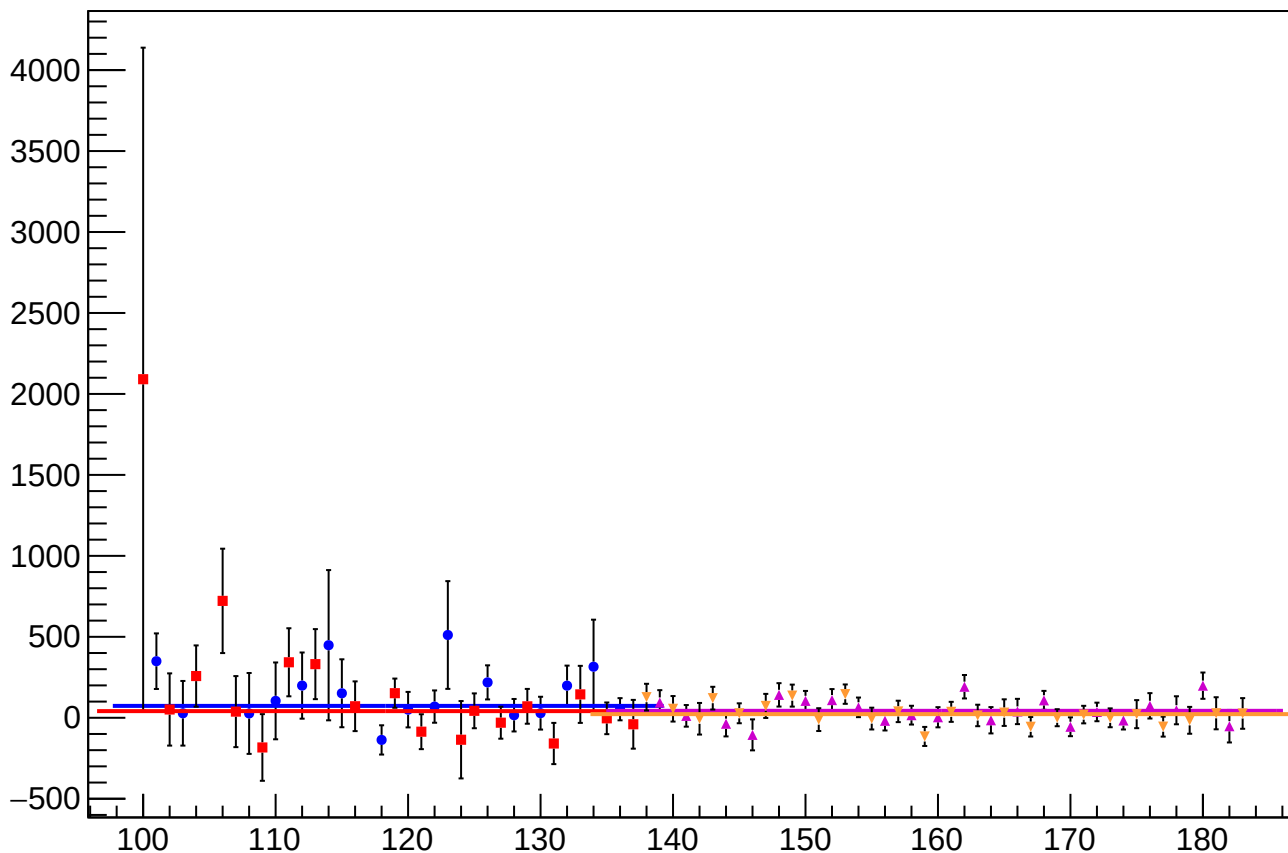
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 784.544+/-0.135 χ^2/NDF :975487.9/21

Out: 791.041+/-0.133 χ^2/NDF :1094819.0/23

All: 787.843+/-0.095 χ^2/NDF : 2071474.5/45

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448 $\pm$ 31.060 χ^2 /NDF: 15.3/16

Left Out: 22.519 $\pm$ 13.915 χ^2 /NDF:21.2/23

Right Out: 41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

Left In: 42.958 $\pm$ 14.559 χ^2 /NDF:24.4/21

Left: 32.277 $\pm$ 10.059 χ^2 /NDF: 46.7/45

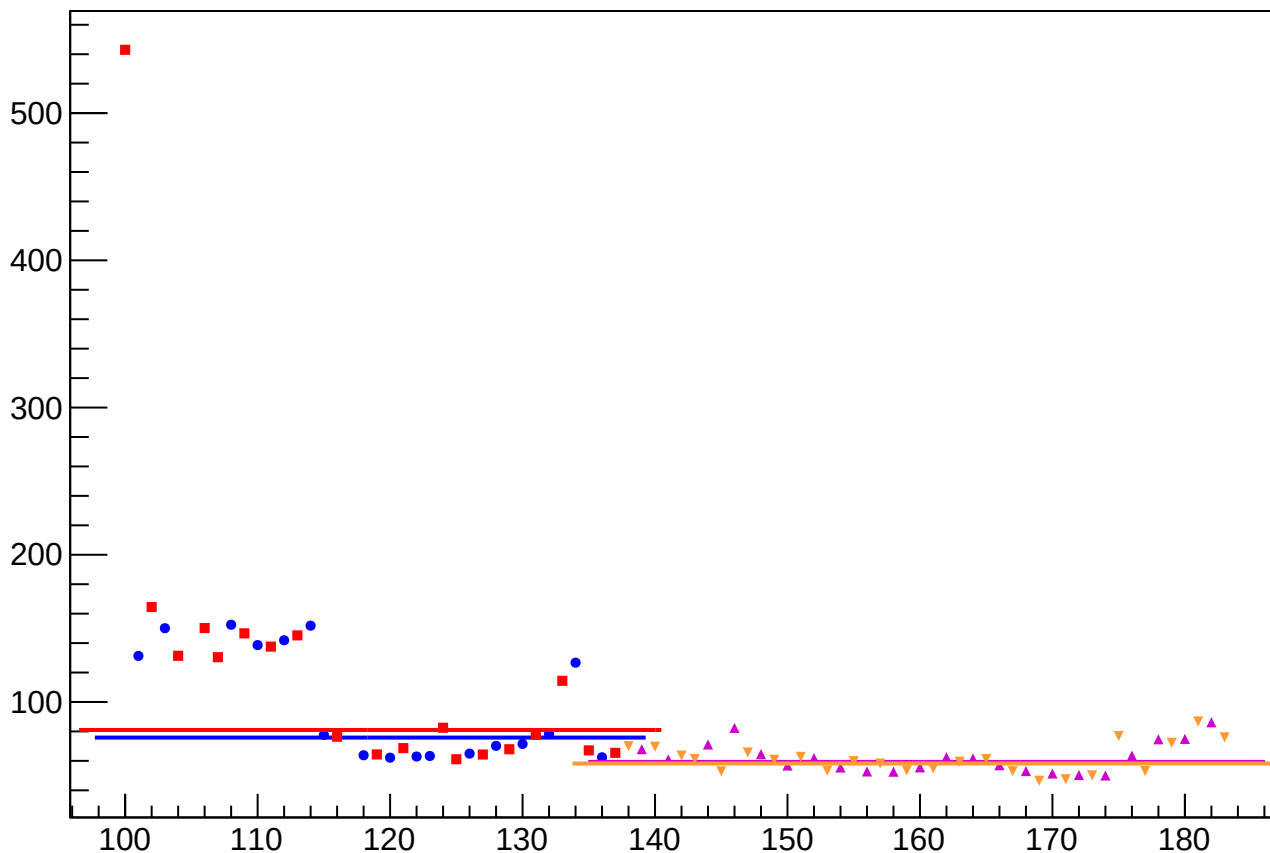
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 48.450 $\pm$ 13.182 χ^2 /NDF:40.5/38

Out: 25.365 $\pm$ 12.807 χ^2 /NDF:40.7/42

All: 36.574 $\pm$ 9.186 χ^2 /NDF: 82.8/81

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2 /NDF: 1349961.8/16

Left Out: 58.206 $\pm$ 0.010 χ^2 /NDF: 806257.7/23

Right Out: 80.999 $\pm$ 0.023 χ^2 /NDF: 1627899.8/18

Left In: 59.308 $\pm$ 0.010 χ^2 /NDF: 727305.2/21

Left: 58.732 $\pm$ 0.007 χ^2 /NDF: 1539551.9/45

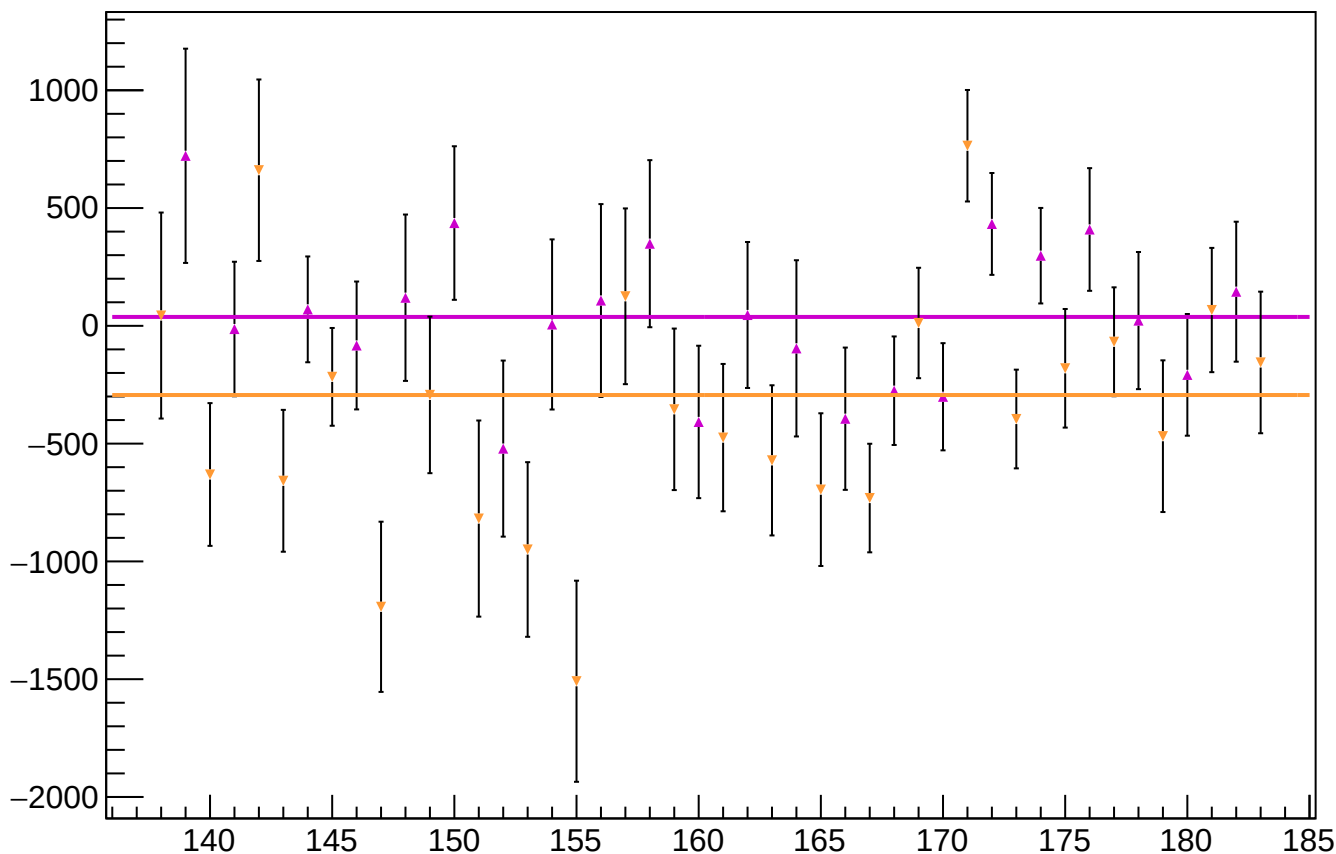
Right: 78.273 $\pm$ 0.016 χ^2 /NDF: 3004207.0/35

In: 62.282 $\pm$ 0.009 χ^2 /NDF: 2540639.9/38

Out: 61.694 $\pm$ 0.009 χ^2 /NDF: 3255168.5/42

All: 61.980 $\pm$ 0.006 χ^2 /NDF: 5797860.5/81

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -293.720 $\pm$ 59.246 χ^2 /NDF:61.6/23

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

Left In: 37.789 $\pm$ 60.688 χ^2 /NDF:23.3/21

Left: -131.950 $\pm$ 42.394 χ^2 /NDF: 100.1/45

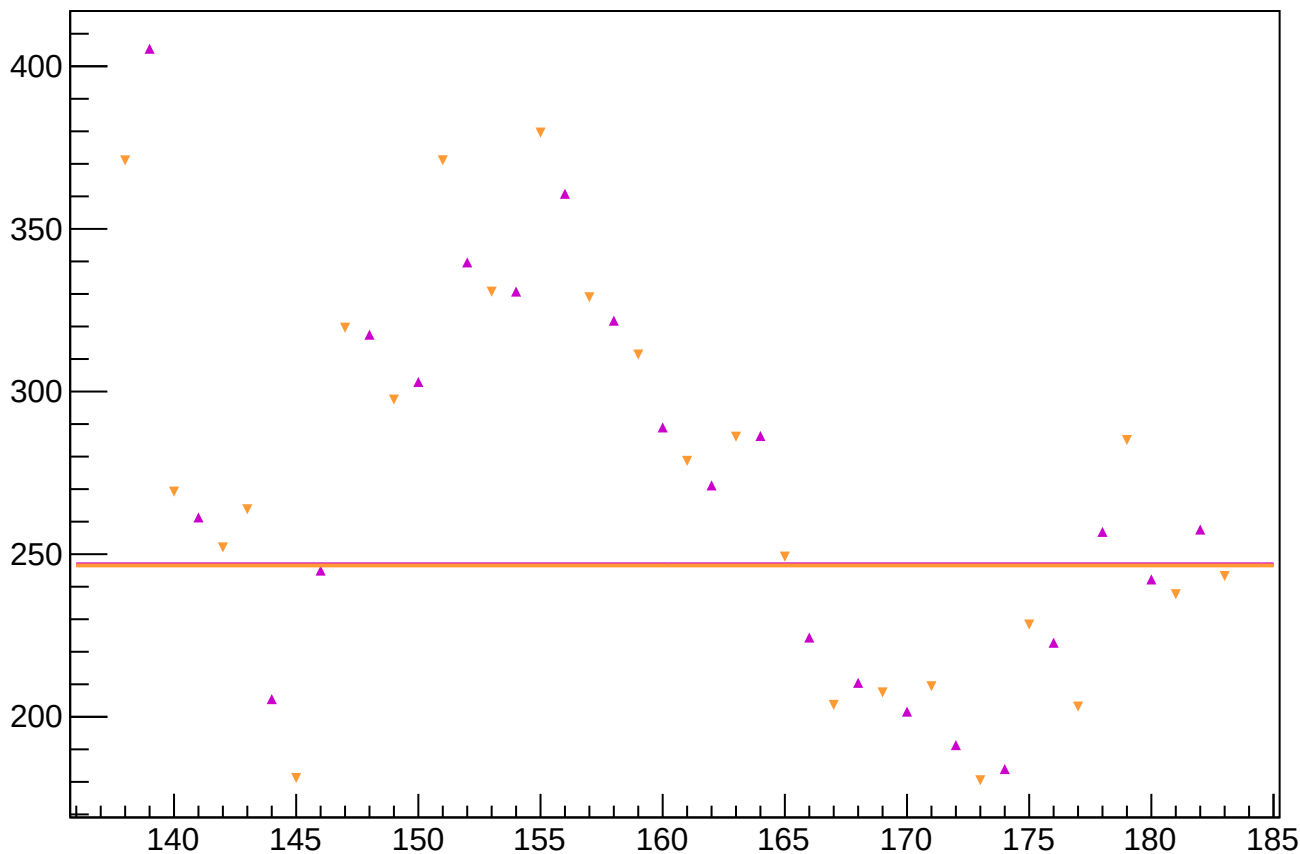
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 37.789 $\pm$ 60.688 χ^2 /NDF:23.3/21

Out: -293.720 $\pm$ 59.246 χ^2 /NDF:61.6/23

All: -131.950 $\pm$ 42.394 χ^2 /NDF: 100.1/45

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 246.553+/-0.042 χ^2/NDF :1690159.4/23

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

Left In: 246.867+/-0.043 χ^2/NDF :1487147.9/21

Left: 246.706+/-0.030 χ^2/NDF : 3177334.6/45

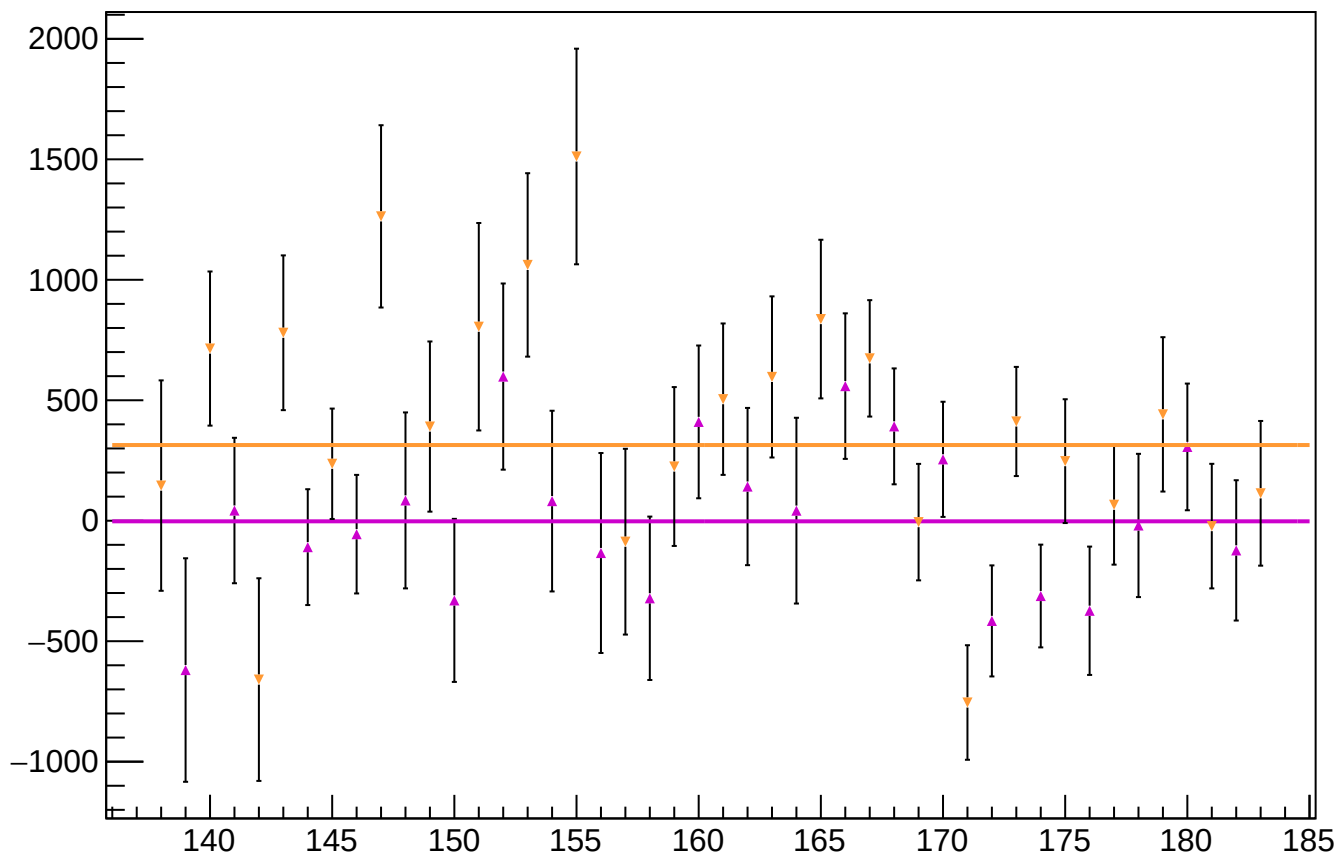
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 246.867+/-0.043 χ^2/NDF :1487147.9/21

Out: 246.553+/-0.042 χ^2/NDF :1690159.4/23

All: 246.706+/-0.030 χ^2/NDF : 3177334.6/45

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 314.159+/-61.487 χ^2/NDF :60.4/23

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

Left In: -2.458+/-62.219 χ^2/NDF :24.5/21

Left: 157.724+/-43.735 χ^2/NDF : 98.1/45

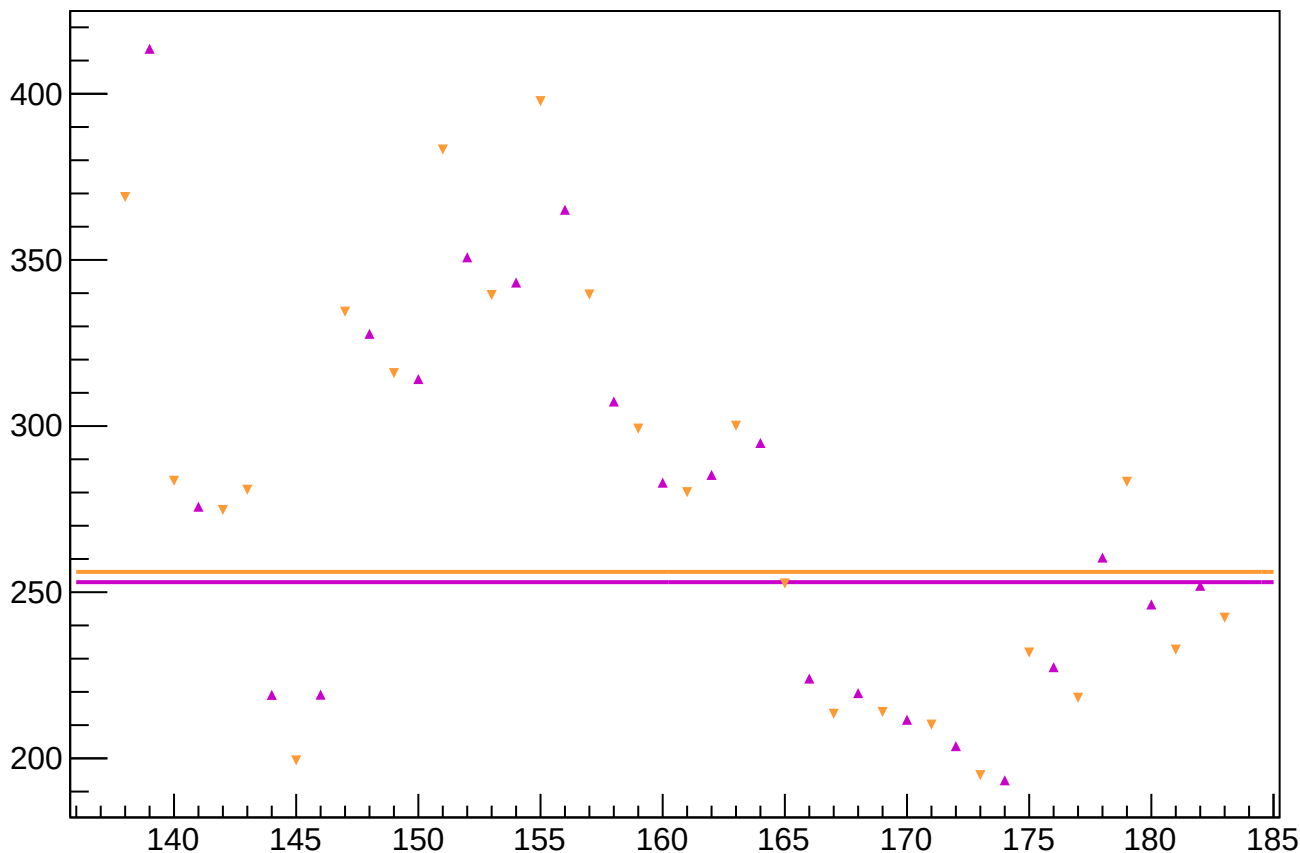
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.458+/-62.219 χ^2/NDF :24.5/21

Out: 314.159+/-61.487 χ^2/NDF :60.4/23

All: 157.724+/-43.735 χ^2/NDF : 98.1/45

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 256.122+/-0.043 χ^2/NDF :1517770.2/23

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

Left In: 253.024+/-0.044 χ^2/NDF :1365829.4/21

Left: 254.591+/-0.031 χ^2/NDF : 2886108.8/45

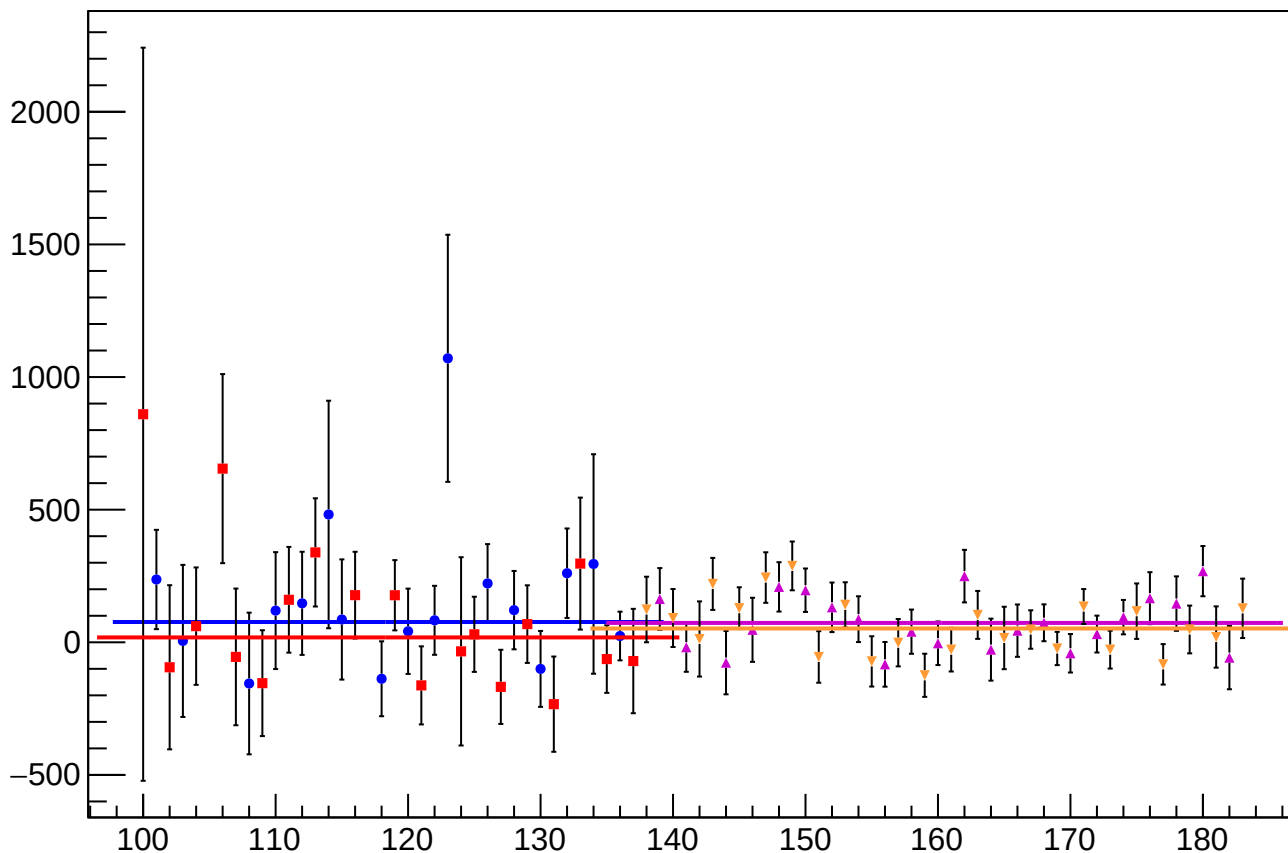
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 253.024+/-0.044 χ^2/NDF :1365829.4/21

Out: 256.122+/-0.043 χ^2/NDF :1517770.2/23

All: 254.591+/-0.031 χ^2/NDF : 2886108.8/45

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503 $\pm$ 41.558 χ^2 /NDF: 13.9/16

Left Out: 52.082 $\pm$ 18.020 χ^2 /NDF:33.9/23

Right Out: 18.393 $\pm$ 42.277 χ^2 /NDF: 17.2/18

Left In: 73.058 $\pm$ 18.982 χ^2 /NDF:26.3/21

Left: 62.025 $\pm$ 13.069 χ^2 /NDF: 60.8/45

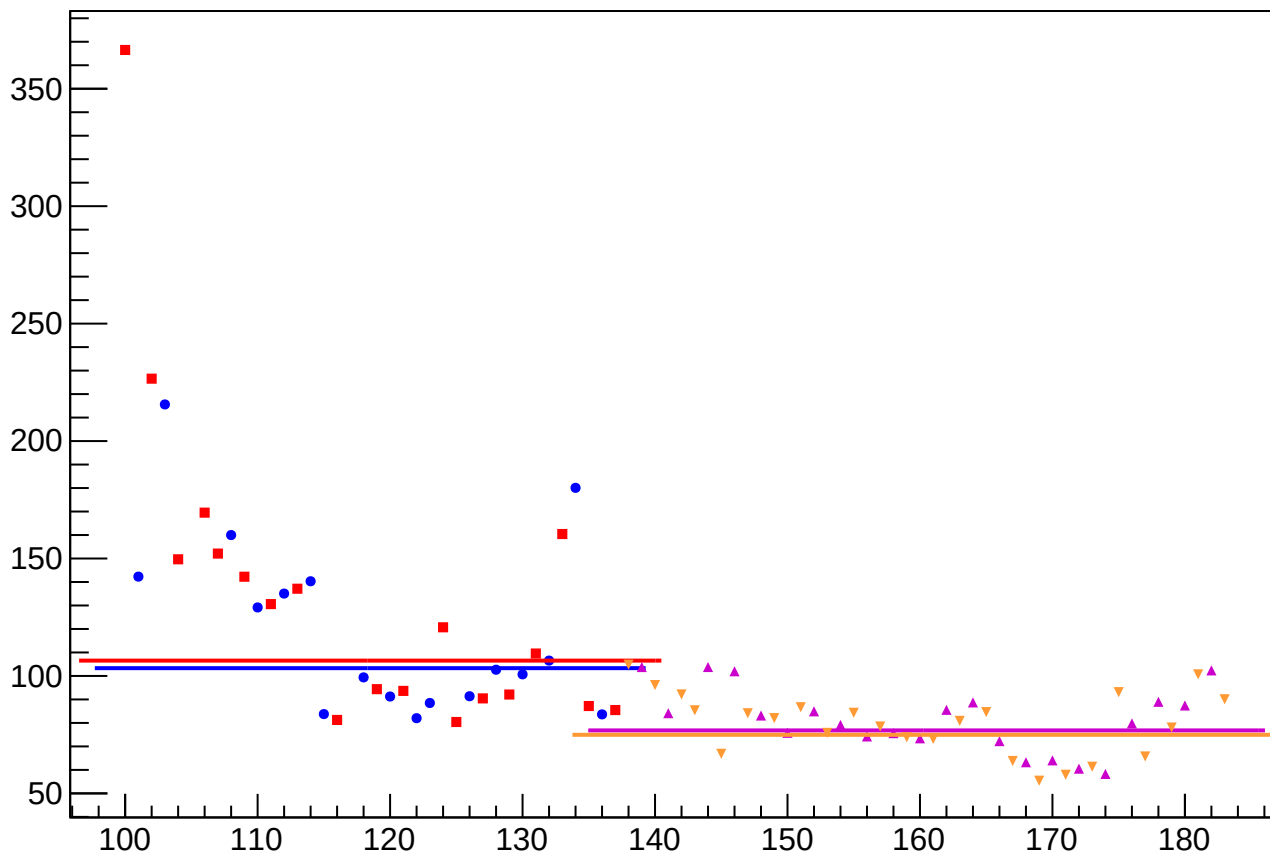
Right: 47.947 $\pm$ 29.637 χ^2 /NDF: 32.0/35

In: 73.653 $\pm$ 17.266 χ^2 /NDF:40.2/38

Out: 46.903 $\pm$ 16.577 χ^2 /NDF:51.6/42

All: 59.733 $\pm$ 11.958 χ^2 /NDF: 93.1/81

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2 /NDF: 837801.7/16

Left Out: 74.940 $\pm$ 0.013 χ^2 /NDF:1046127.8/23

Right Out: 106.532 $\pm$ 0.030 χ^2 /NDF: 1071553.9/18

Left In: 76.816 $\pm$ 0.013 χ^2 /NDF:938868.0/21

Left: 75.829 $\pm$ 0.009 χ^2 /NDF: 1995274.8/45

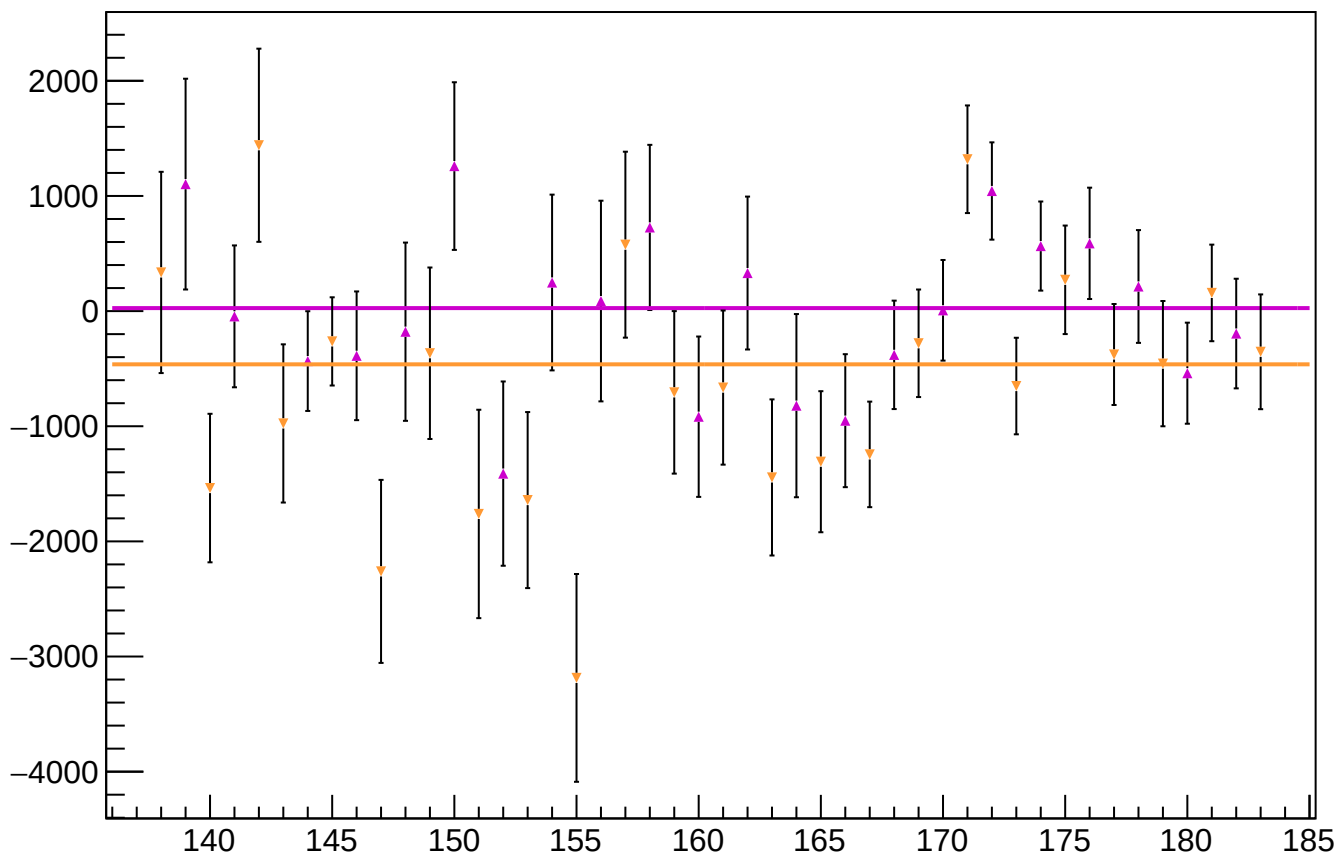
Right: 104.897 $\pm$ 0.021 χ^2 /NDF: 1915236.3/35

In: 81.391 $\pm$ 0.012 χ^2 /NDF:2449613.3/38

Out: 79.797 $\pm$ 0.012 χ^2 /NDF:3062799.6/42

All: 80.561 $\pm$ 0.008 χ^2 /NDF: 5521284.0/81

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -462.286+/-115.753 χ^2/NDF :56.6/23

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

Left In: 26.048+/-118.309 χ^2/NDF :28.2/21

Left: -223.451+/-82.739 χ^2/NDF : 93.5/45

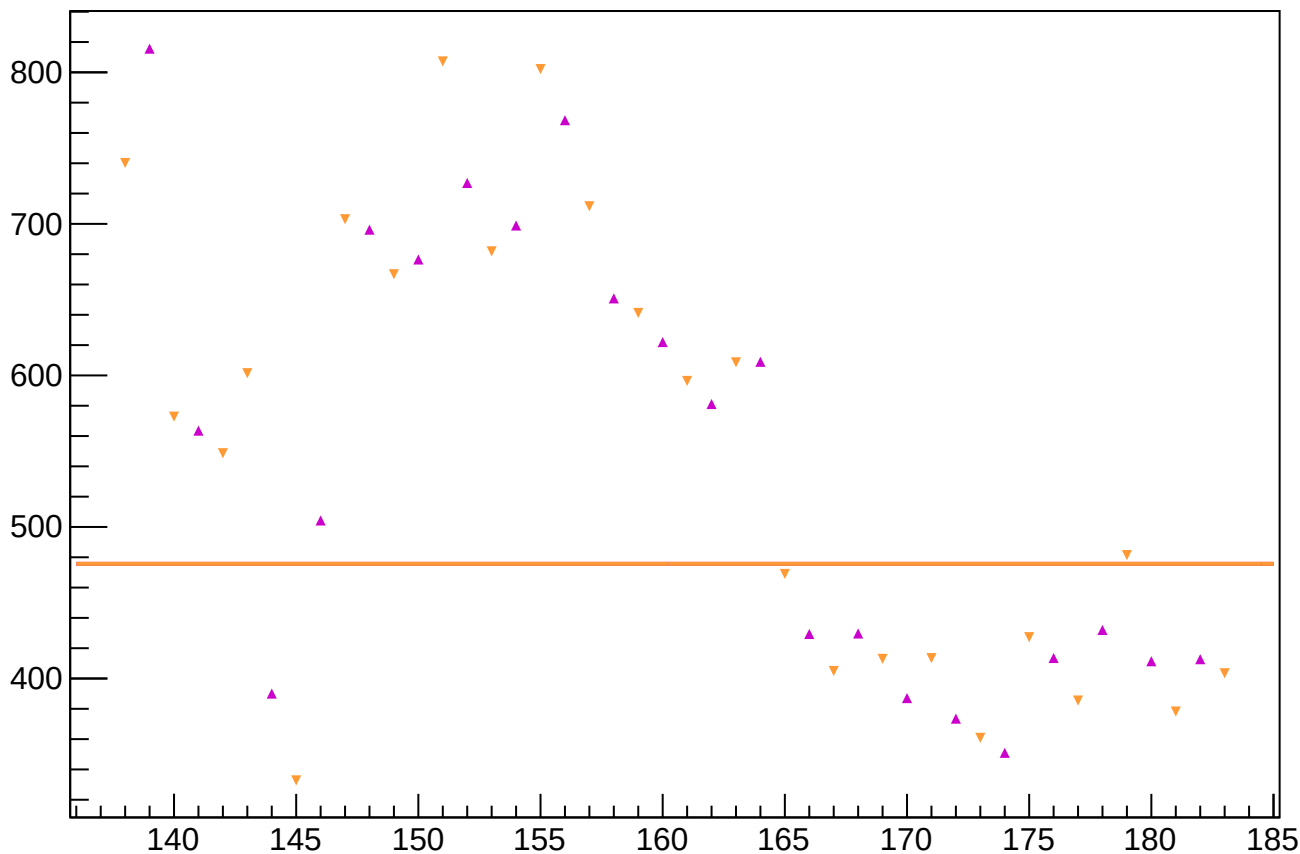
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 26.048+/-118.309 χ^2/NDF :28.2/21

Out: -462.286+/-115.753 χ^2/NDF :56.6/23

All: -223.451+/-82.739 χ^2/NDF : 93.5/45

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 475.681+/-0.082 χ^2/NDF :2508352.5/23

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

Left In: 475.660+/-0.084 χ^2/NDF :2188314.8/21

Left: 475.671+/-0.059 χ^2/NDF : 4696667.3/45

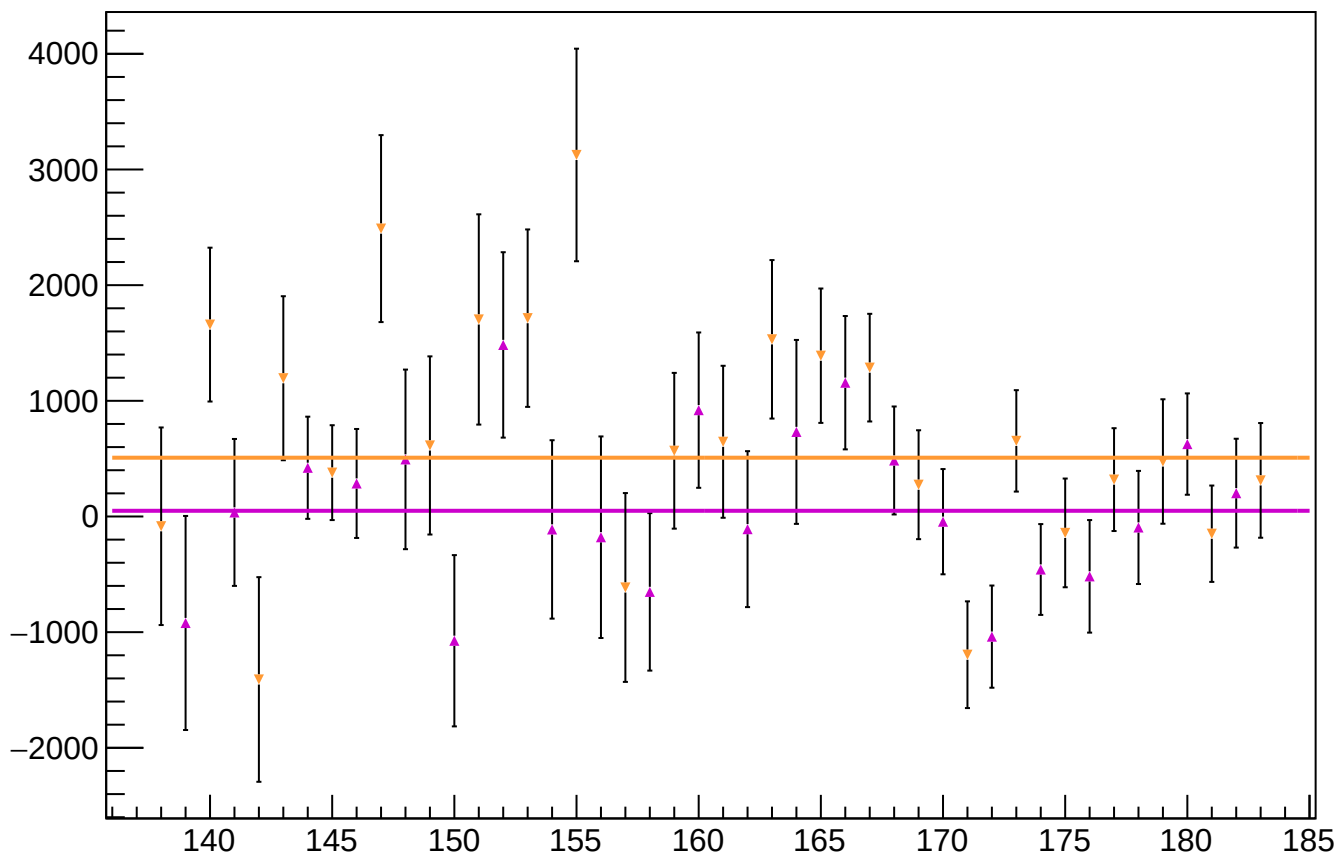
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 475.660+/-0.084 χ^2/NDF :2188314.8/21

Out: 475.681+/-0.082 χ^2/NDF :2508352.5/23

All: 475.671+/-0.059 χ^2/NDF : 4696667.3/45

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 508.262+/-116.897 χ^2/NDF :55.6/23

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

Left In: 49.342+/-118.140 χ^2/NDF :27.2/21

Left: 281.230+/-83.095 χ^2/NDF : 90.3/45

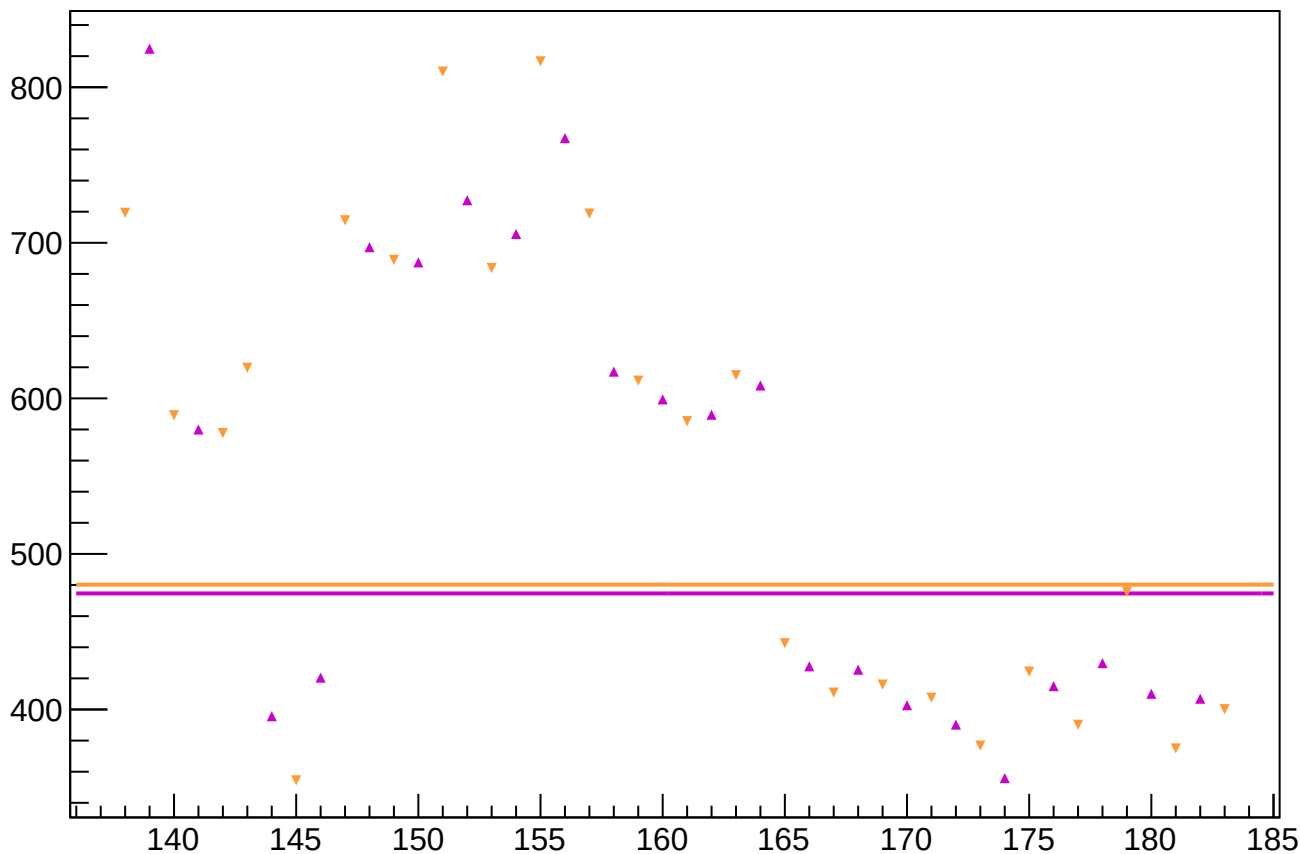
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 49.342+/-118.140 χ^2/NDF :27.2/21

Out: 508.262+/-116.897 χ^2/NDF :55.6/23

All: 281.230+/-83.095 χ^2/NDF : 90.3/45

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 480.251+/-0.083 χ^2/NDF :2404069.9/23

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

Left In: 474.598+/-0.084 χ^2/NDF :2109542.6/21

Left: 477.455+/-0.059 χ^2/NDF : 4515926.1/45

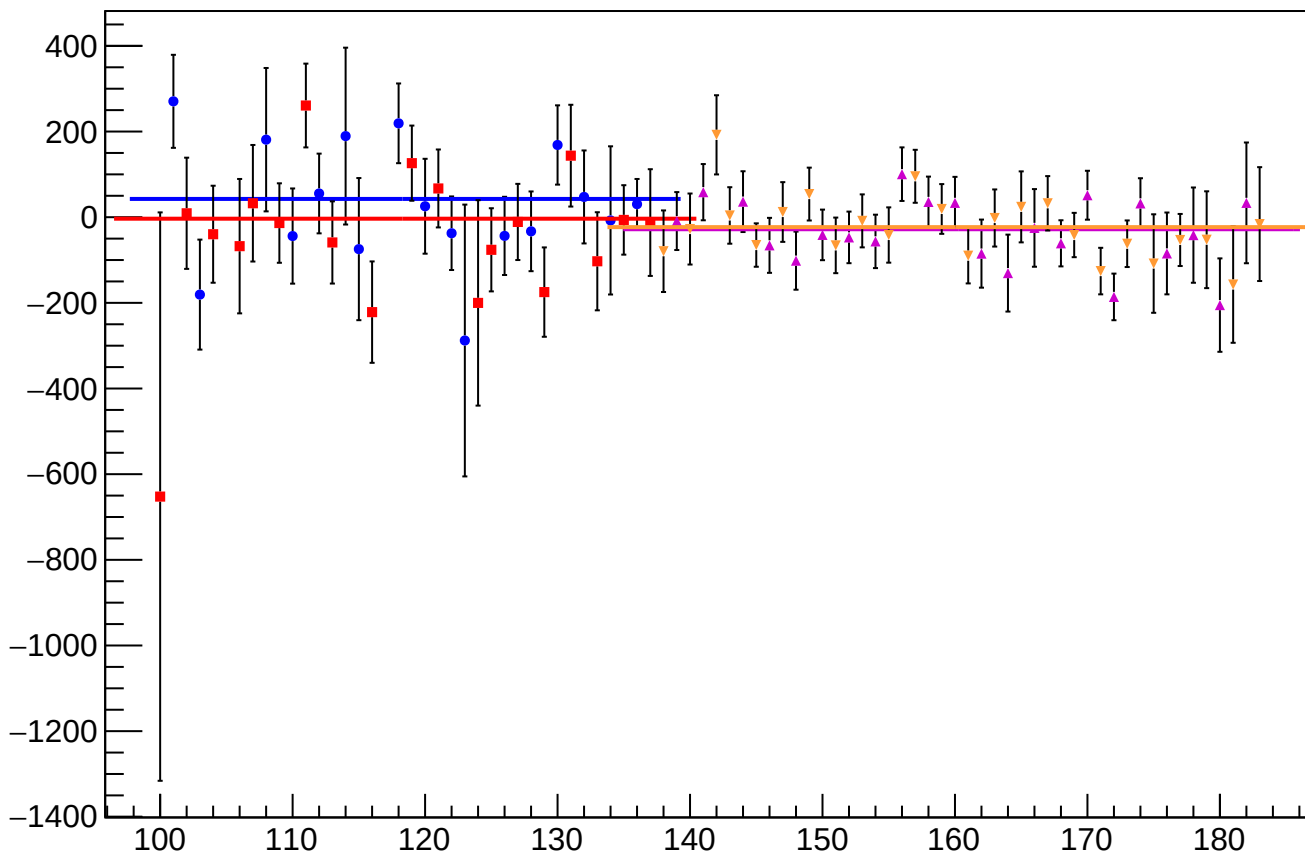
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 474.598+/-0.084 χ^2/NDF :2109542.6/21

Out: 480.251+/-0.083 χ^2/NDF :2404069.9/23

All: 477.455+/-0.059 χ^2/NDF : 4515926.1/45

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 ± 25.486 $\chi^2/\text{NDF}: 18.9/16$

Left Out: -23.203 ± 13.869 $\chi^2/\text{NDF}: 21.5/23$

Right Out: -3.503 ± 25.070 $\chi^2/\text{NDF}: 21.4/18$

Left In: -28.090 ± 14.511 $\chi^2/\text{NDF}: 27.7/21$

Left: -25.536 ± 10.026 $\chi^2/\text{NDF}: 49.3/45$

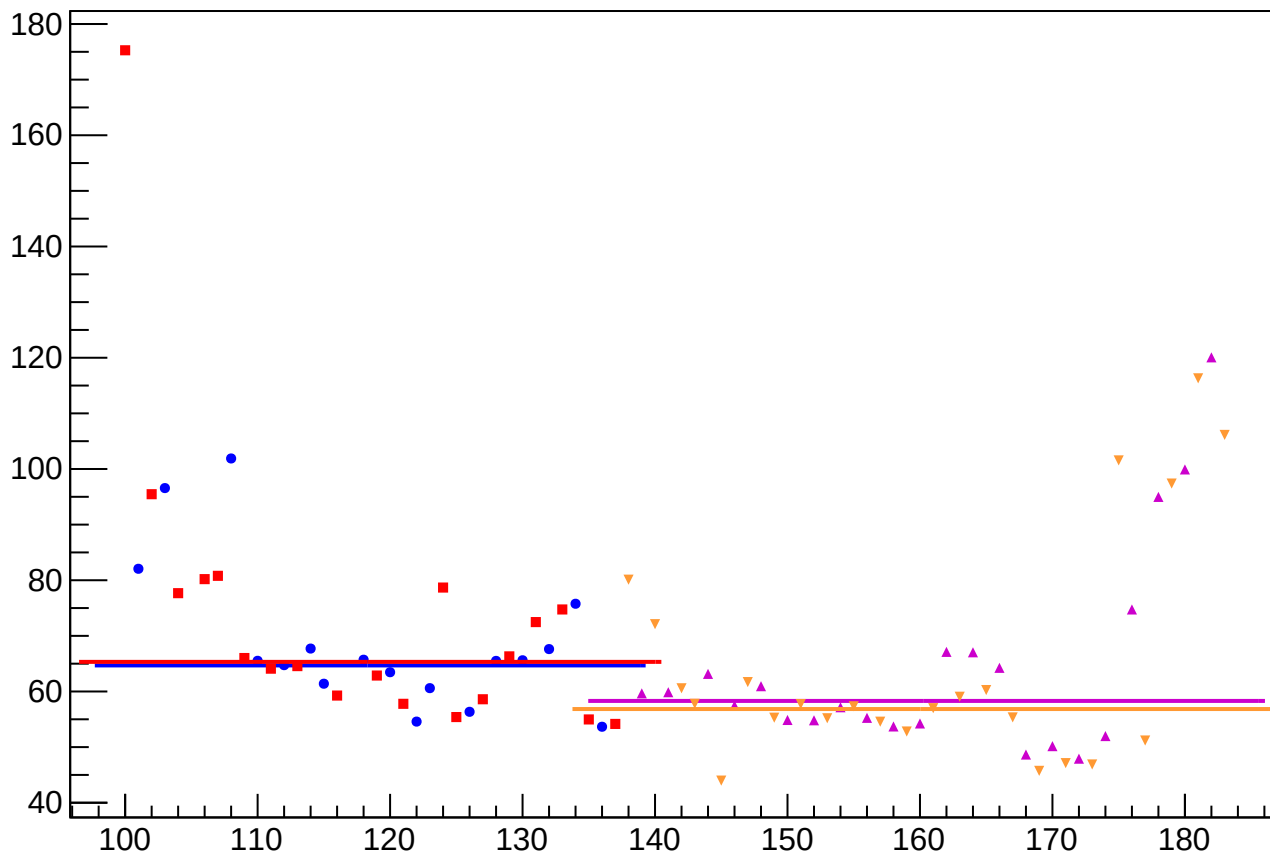
Right: 19.196 ± 17.872 $\chi^2/\text{NDF}: 41.9/35$

In: -10.771 ± 12.610 $\chi^2/\text{NDF}: 52.4/38$

Out: -18.587 ± 12.135 $\chi^2/\text{NDF}: 43.4/42$

All: -14.829 ± 8.744 $\chi^2/\text{NDF}: 96.0/81$

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2 /NDF: 400187.1/16

Left Out: 56.845 $\pm$ 0.010 χ^2 /NDF:1808458.2/23

Right Out: 65.324 $\pm$ 0.018 χ^2 /NDF: 359570.8/18

Left In: 58.304 $\pm$ 0.010 χ^2 /NDF:1259241.5/21

Left: 57.541 $\pm$ 0.007 χ^2 /NDF: 3078270.6/45

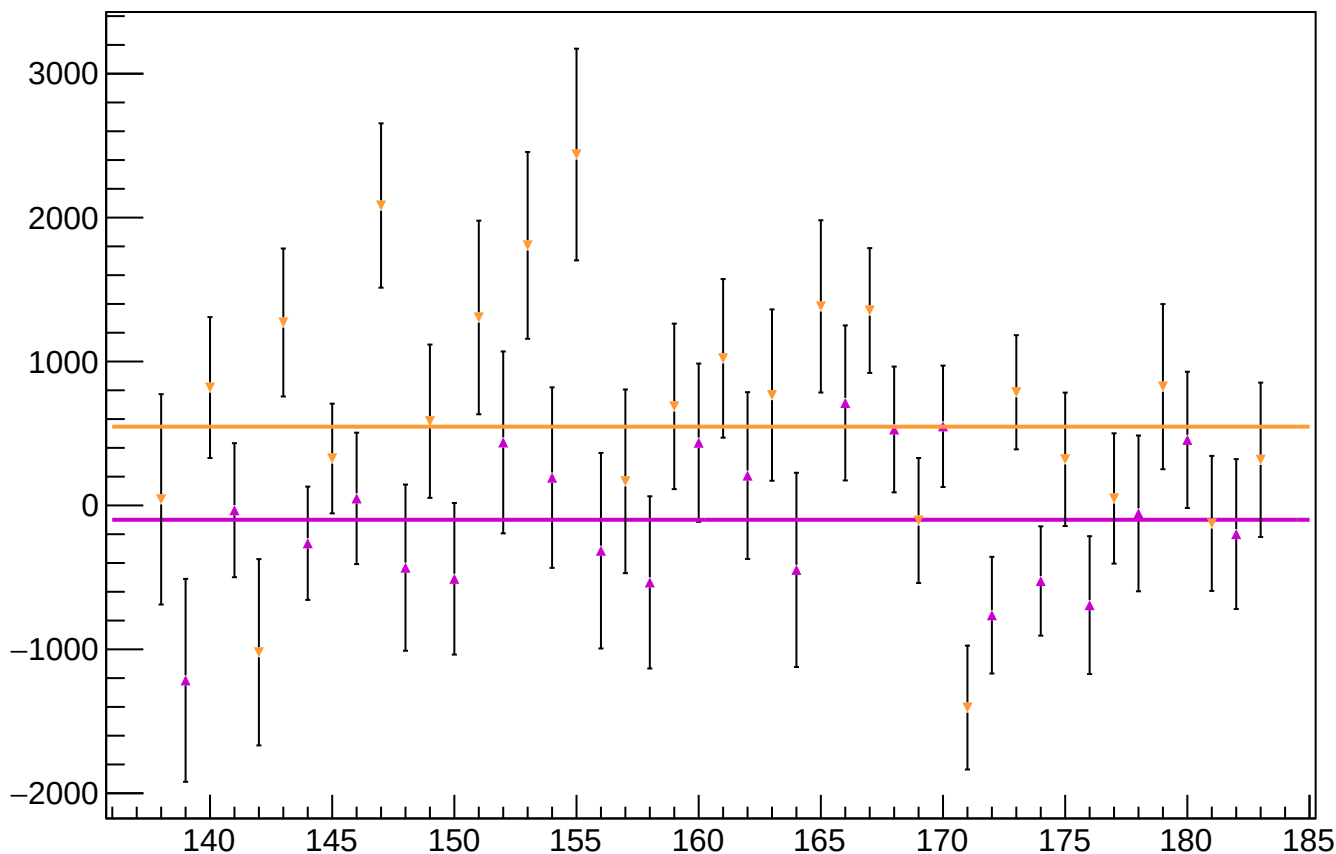
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 59.866 $\pm$ 0.009 χ^2 /NDF:1754131.8/38

Out: 58.831 $\pm$ 0.009 χ^2 /NDF:2343237.5/42

All: 59.329 $\pm$ 0.006 χ^2 /NDF: 4104358.9/81

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: 547.268+/-105.721 χ^2/NDF :61.7/23

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

Left In: -99.685+/-107.696 χ^2/NDF :20.4/21

Left: 229.781+/-75.445 χ^2/NDF : 100.5/45

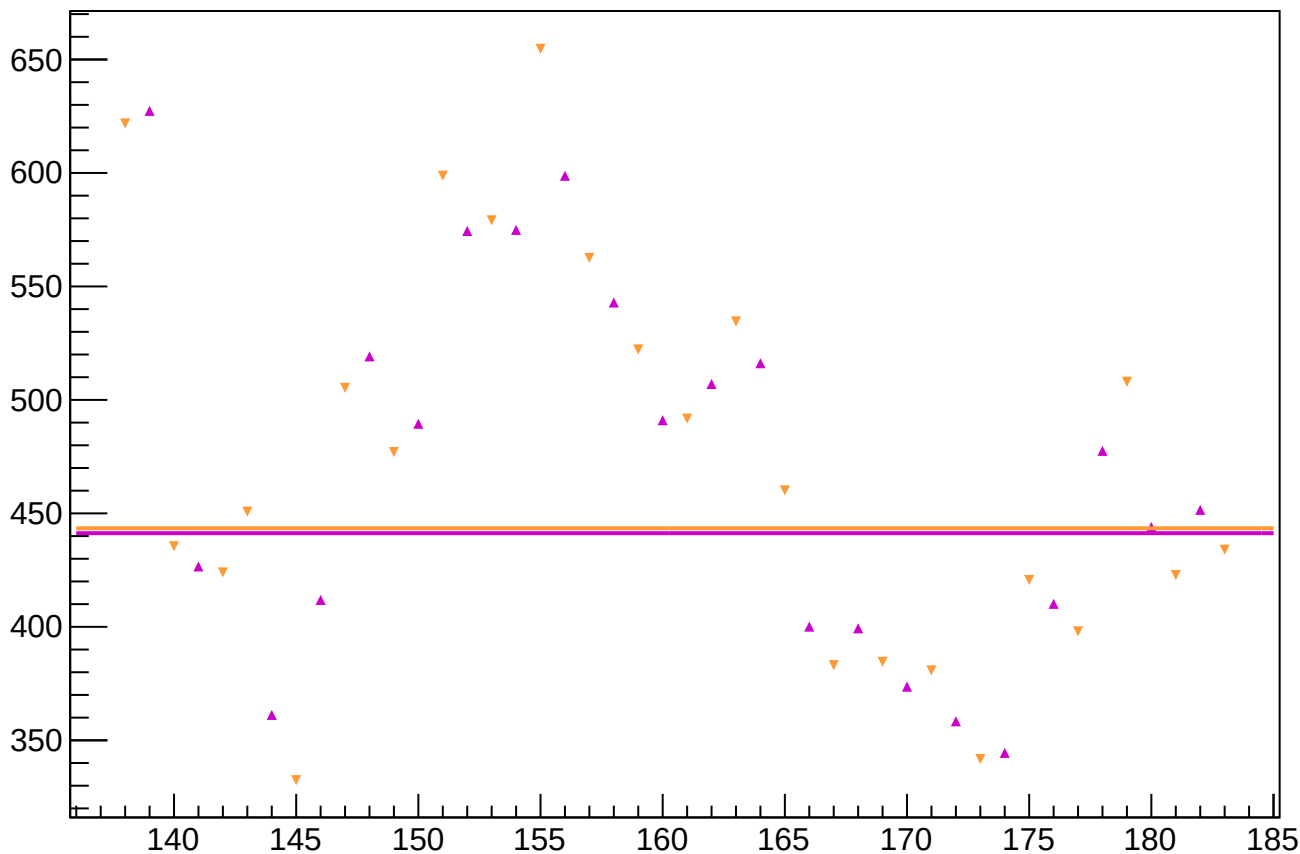
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -99.685+/-107.696 χ^2/NDF :20.4/21

Out: 547.268+/-105.721 χ^2/NDF :61.7/23

All: 229.781+/-75.445 χ^2/NDF : 100.5/45

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: 443.441+/-0.075 χ^2/NDF :1156813.8/23

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

Left In: 441.281+/-0.076 χ^2/NDF :1010695.0/21

Left: 442.381+/-0.053 χ^2/NDF : 2167918.5/45

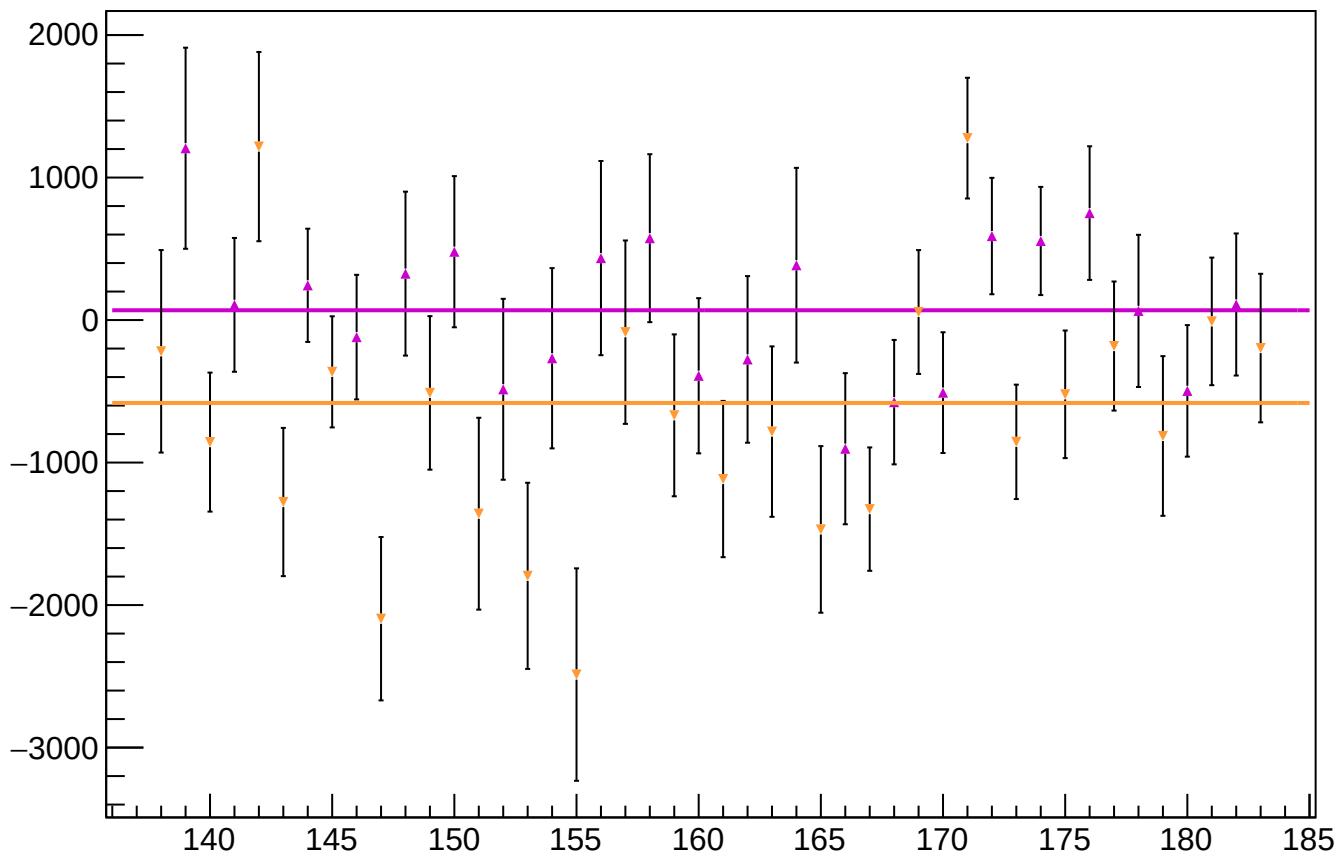
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 441.281+/-0.076 χ^2/NDF :1010695.0/21

Out: 443.441+/-0.075 χ^2/NDF :1156813.8/23

All: 442.381+/-0.053 χ^2/NDF : 2167918.5/45

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: -581.685 $\pm$ 105.259 χ^2 /NDF:60.3/23

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

Left In: 68.671 $\pm$ 107.071 χ^2 /NDF:21.4/21

Left: -262.057 $\pm$ 75.062 χ^2 /NDF: 100.5/45

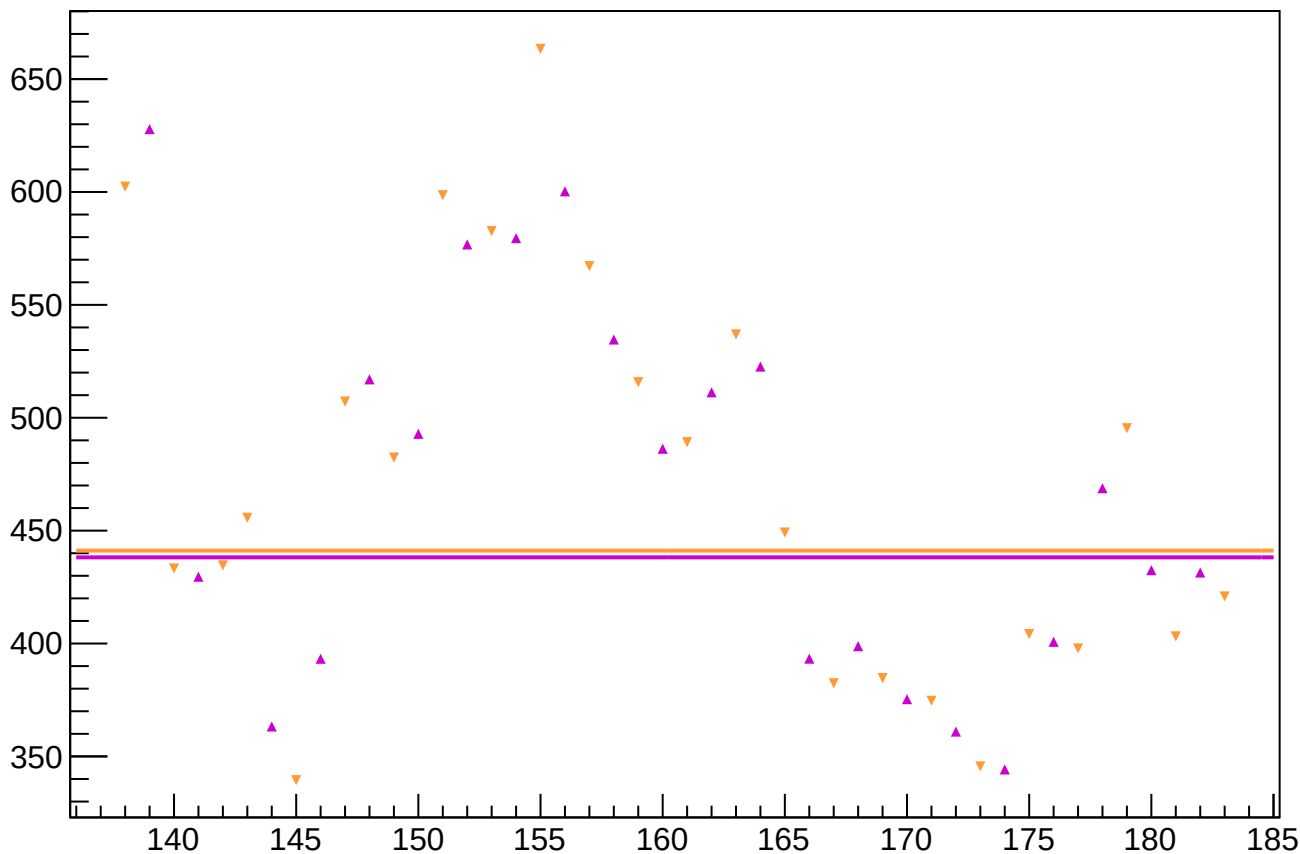
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 68.671 $\pm$ 107.071 χ^2 /NDF:21.4/21

Out: -581.685 $\pm$ 105.259 χ^2 /NDF:60.3/23

All: -262.057 $\pm$ 75.062 χ^2 /NDF: 100.5/45

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 441.157+/-0.074 χ^2/NDF :1140102.4/23

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

Left In: 438.170+/-0.076 χ^2/NDF :1024243.9/21

Left: 439.689+/-0.053 χ^2/NDF : 2165138.1/45

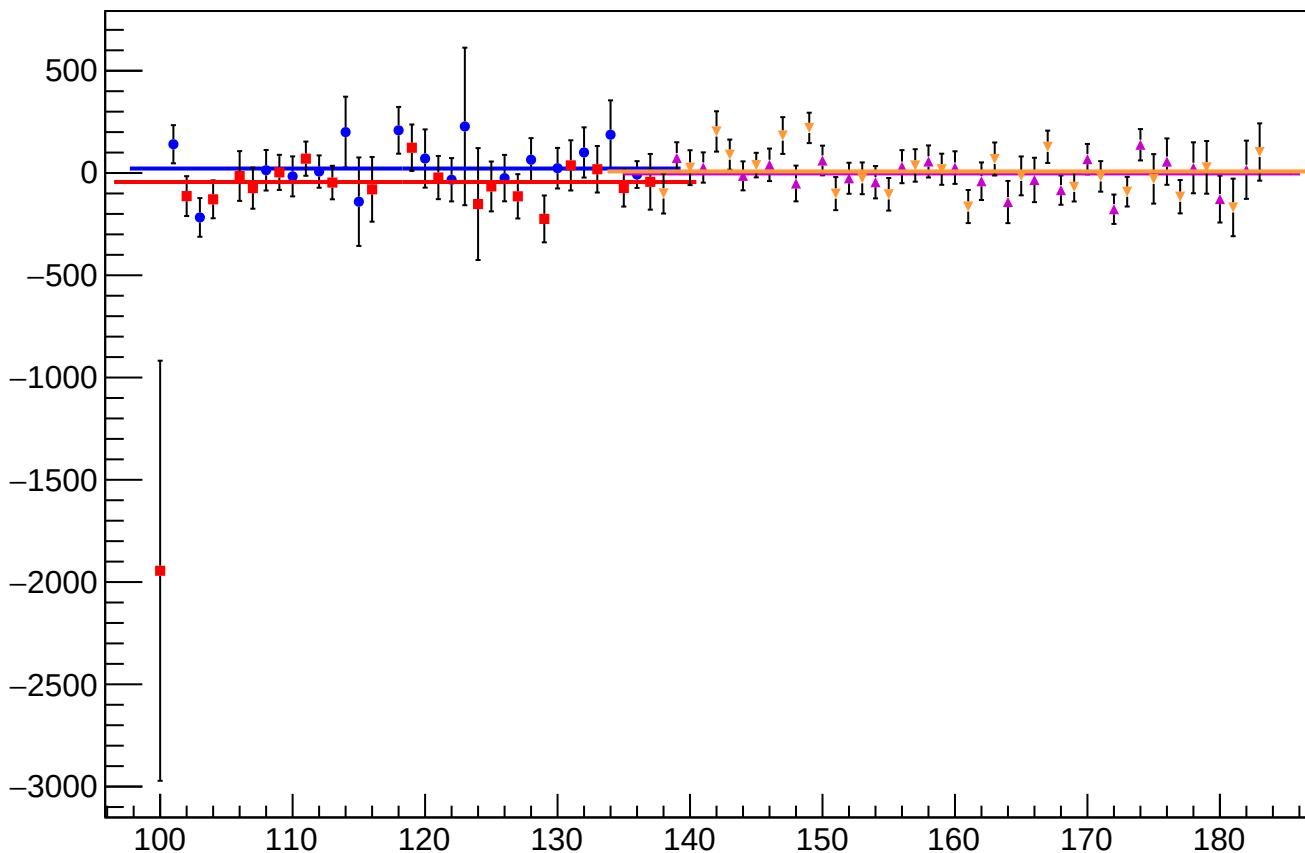
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 438.170+/-0.076 χ^2/NDF :1024243.9/21

Out: 441.157+/-0.074 χ^2/NDF :1140102.4/23

All: 439.689+/-0.053 χ^2/NDF : 2165138.1/45

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 $\pm$ 26.055 χ^2 /NDF: 15.1/16

Left Out: 7.807 $\pm$ 17.049 χ^2 /NDF:37.8/23

Right Out: -43.953 $\pm$ 25.108 χ^2 /NDF: 13.3/18

Left In: -2.091 $\pm$ 17.841 χ^2 /NDF:18.8/21

Left: 3.082 $\pm$ 12.326 χ^2 /NDF: 56.7/45

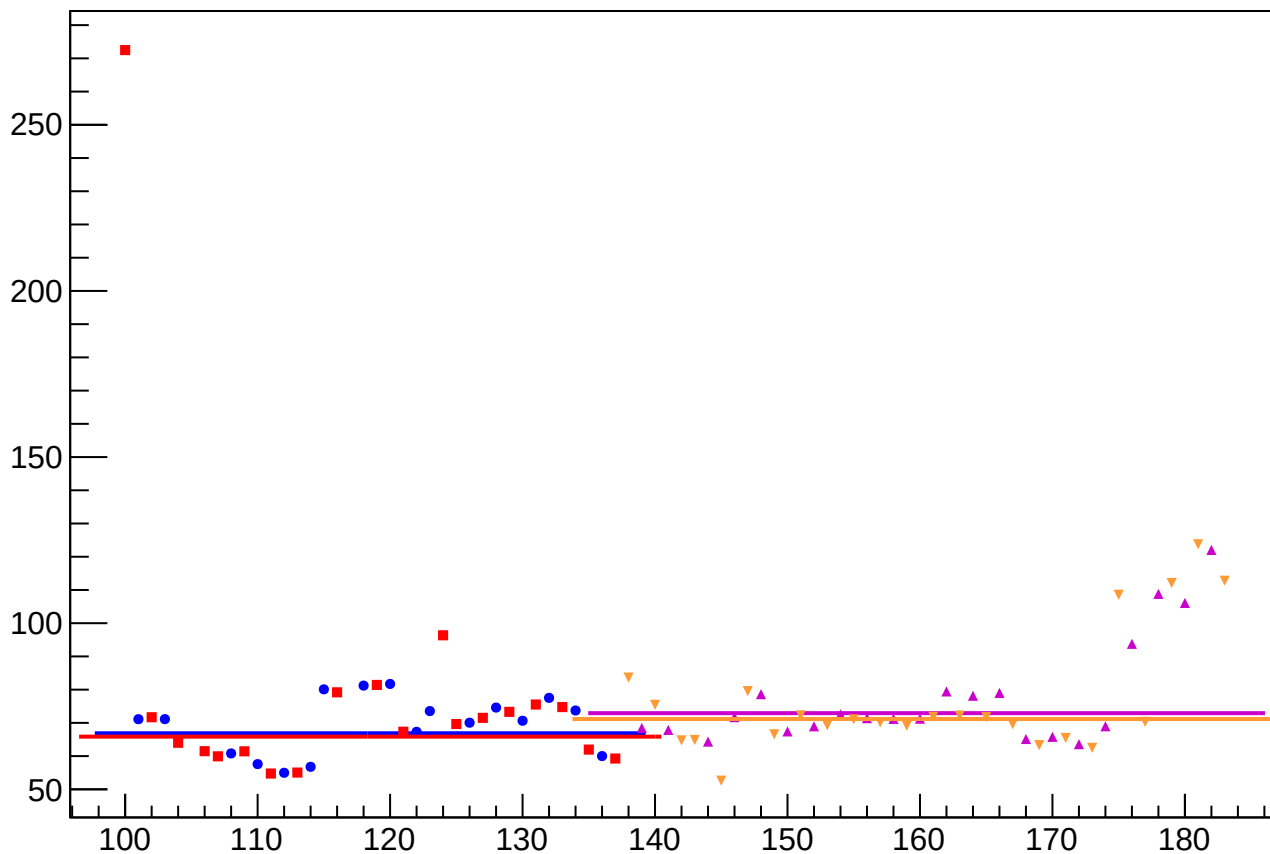
Right: -12.241 $\pm$ 18.080 χ^2 /NDF: 31.7/35

In: 5.569 $\pm$ 14.721 χ^2 /NDF:34.5/38

Out: -8.528 $\pm$ 14.105 χ^2 /NDF:54.0/42

All: -1.780 $\pm$ 10.184 χ^2 /NDF: 88.9/81

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 $\pm$ 0.018 χ^2 /NDF: 202515.6/16

Left Out: 71.161 $\pm$ 0.012 χ^2 /NDF:1194674.5/23

Right Out: 65.854 $\pm$ 0.018 χ^2 /NDF: 299873.8/18

Left In: 72.926 $\pm$ 0.013 χ^2 /NDF:815647.5/21

Left: 72.004 $\pm$ 0.009 χ^2 /NDF: 2020554.9/45

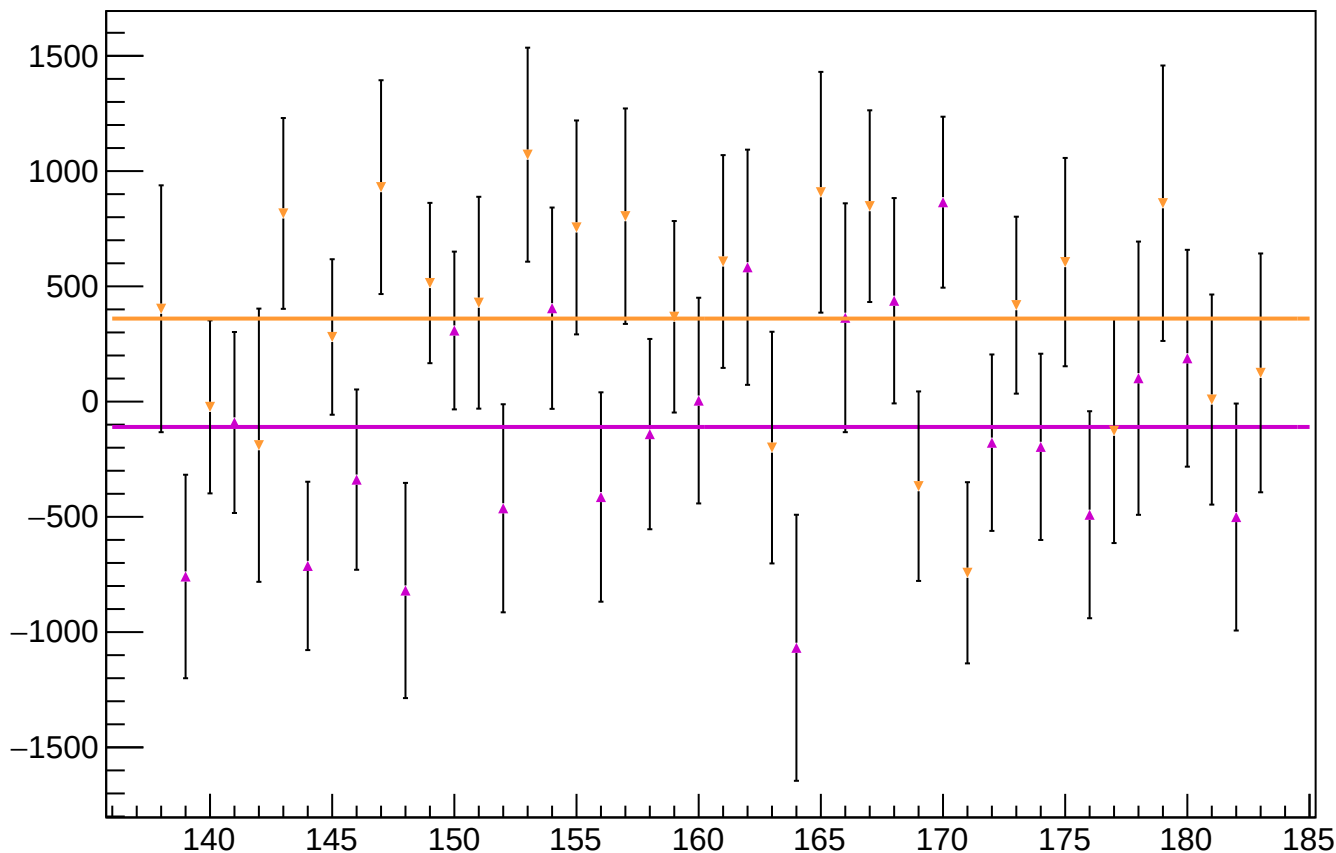
Right: 66.344 $\pm$ 0.013 χ^2 /NDF: 503972.2/35

In: 70.994 $\pm$ 0.010 χ^2 /NDF:1091679.4/38

Out: 69.486 $\pm$ 0.010 χ^2 /NDF:1555701.8/42

All: 70.208 $\pm$ 0.007 χ^2 /NDF: 2658314.1/81

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: 360.194+/-90.130 χ^2/NDF :26.7/23

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

Left In: -110.006+/-92.336 χ^2/NDF :27.4/21

Left: 130.778+/-64.497 χ^2/NDF : 67.4/45

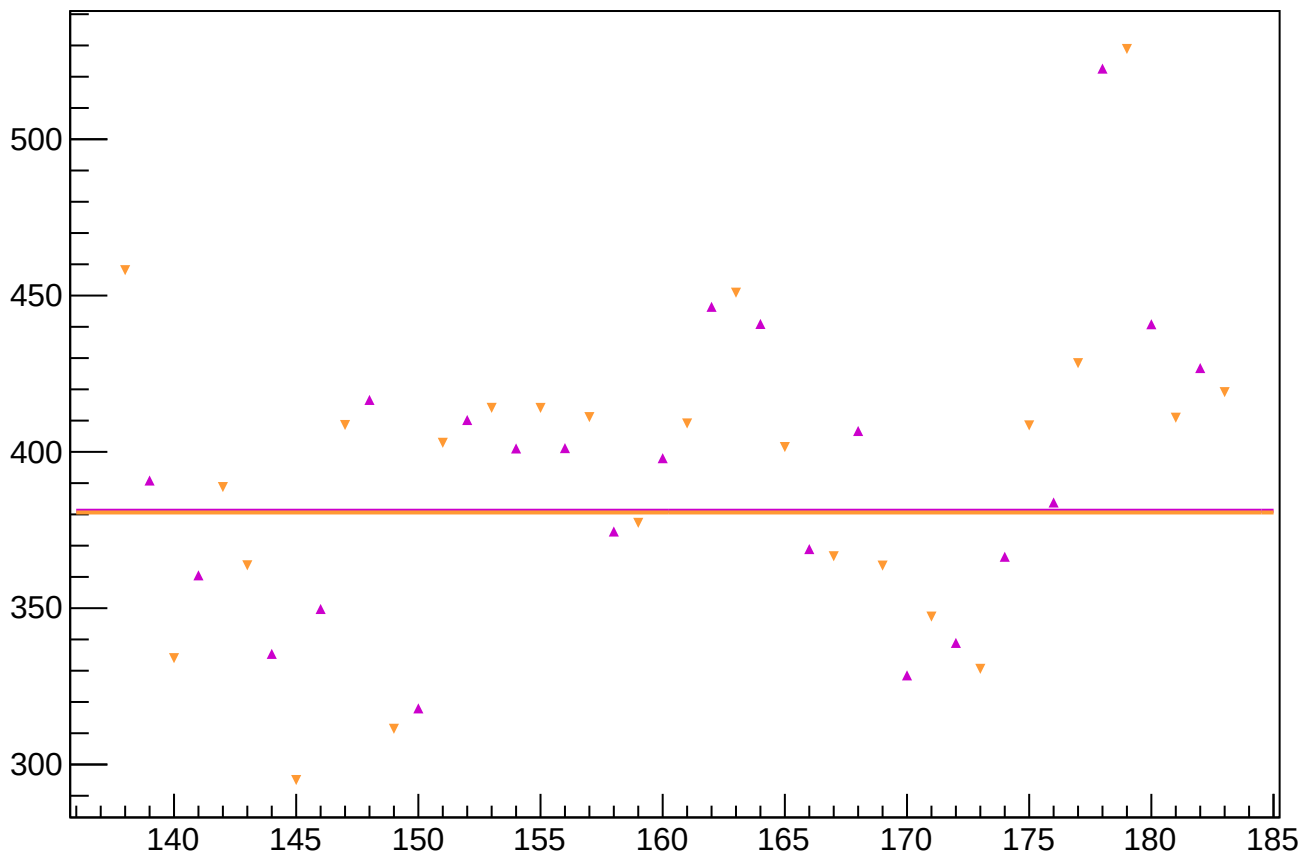
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -110.006+/-92.336 χ^2/NDF :27.4/21

Out: 360.194+/-90.130 χ^2/NDF :26.7/23

All: 130.778+/-64.497 χ^2/NDF : 67.4/45

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: 380.615+/-0.064 χ^2/NDF : 599606.7/23

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

Left In: 381.172+/-0.065 χ^2/NDF : 442880.8/21

Left: 380.887+/-0.046 χ^2/NDF : 1042524.8/45

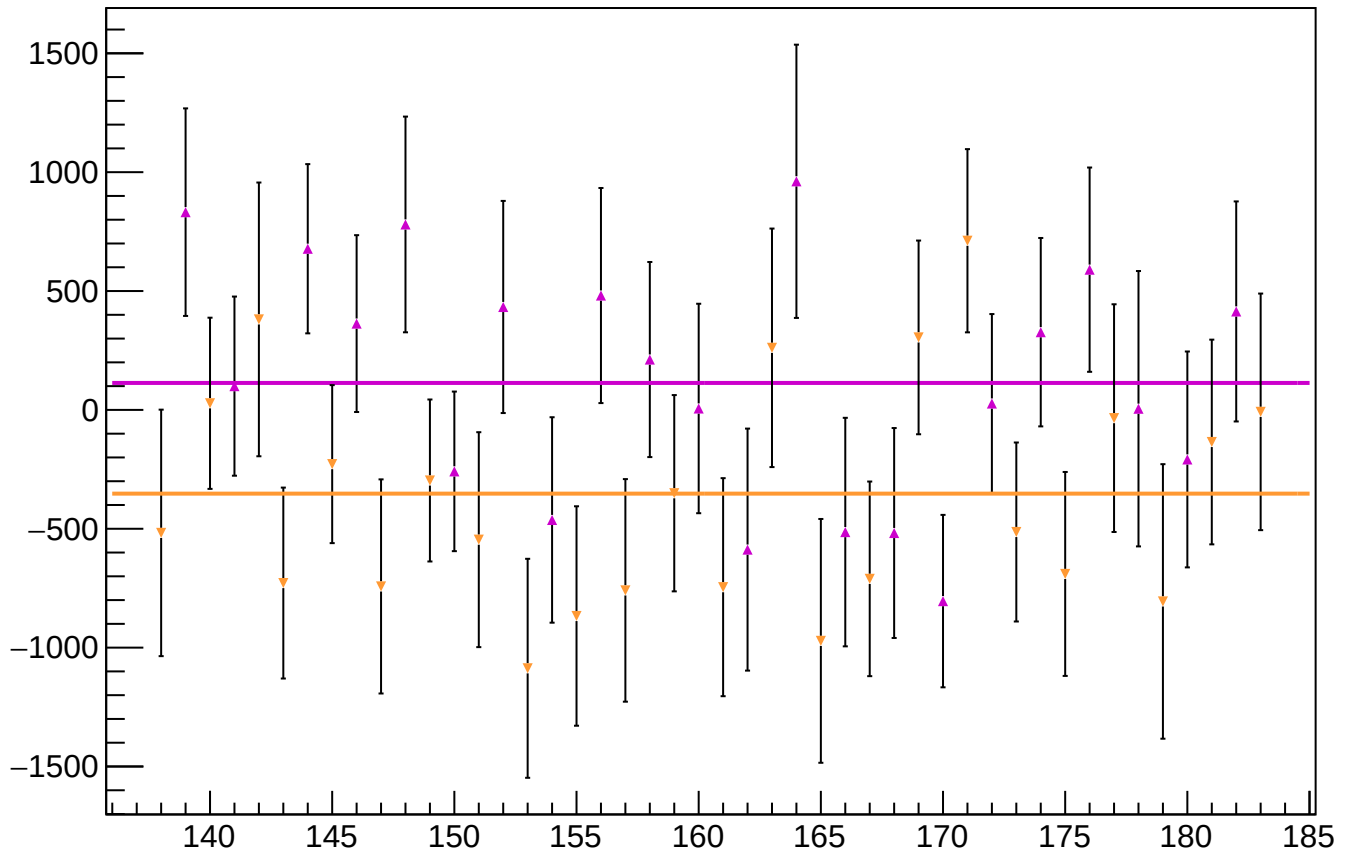
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 381.172+/-0.065 χ^2/NDF : 442880.8/21

Out: 380.615+/-0.064 χ^2/NDF : 599606.7/23

All: 380.887+/-0.046 χ^2/NDF : 1042524.8/45

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -352.213+/-88.207 χ^2/NDF :26.6/23

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

Left In: 113.410+/-90.241 χ^2/NDF :28.9/21

Left: -124.708+/-63.079 χ^2/NDF : 69.1/45

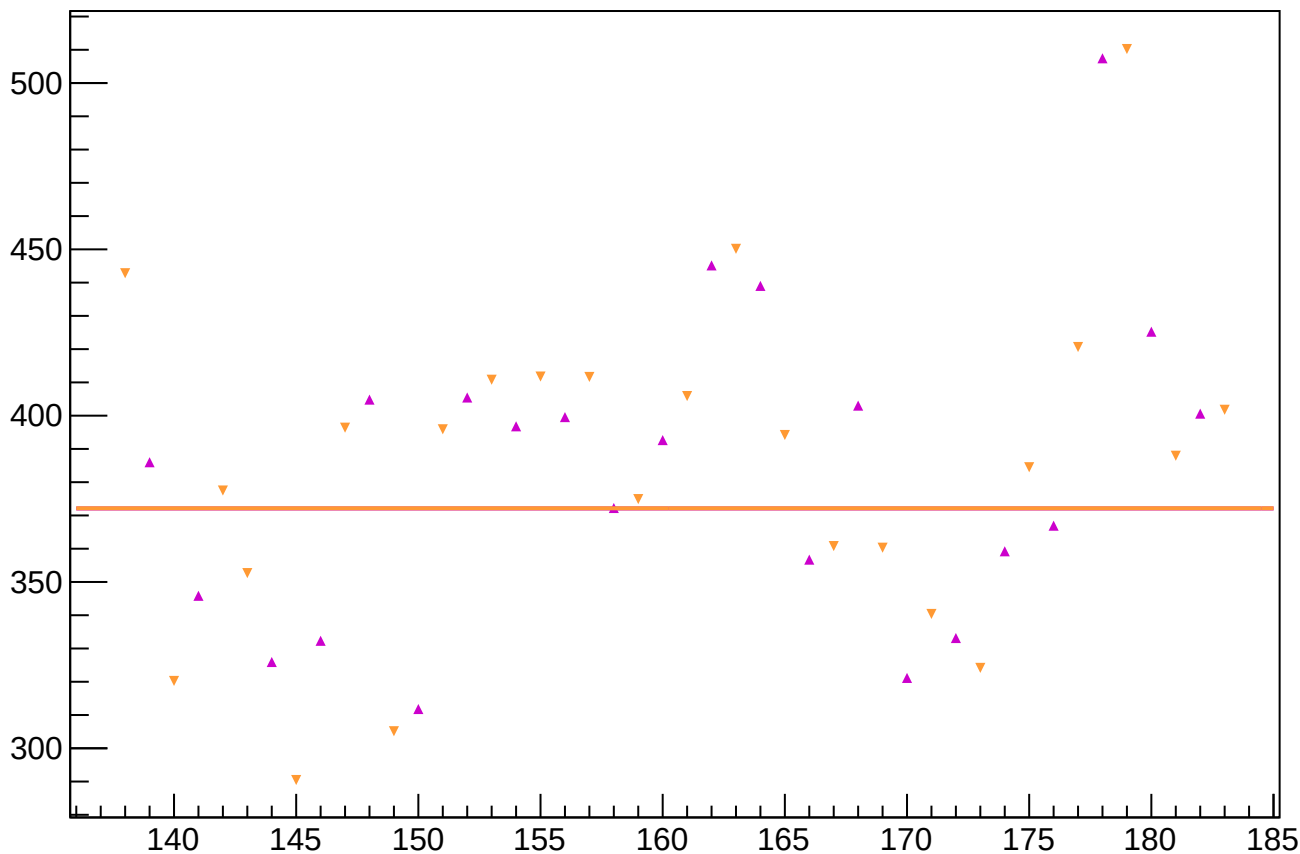
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 113.410+/-90.241 χ^2/NDF :28.9/21

Out: -352.213+/-88.207 χ^2/NDF :26.6/23

All: -124.708+/-63.079 χ^2/NDF : 69.1/45

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 372.158+/-0.062 χ^2/NDF : 594831.5/23

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

Left In: 372.095+/-0.064 χ^2/NDF : 460324.1/21

Left: 372.127+/-0.045 χ^2/NDF : 1055156.2/45

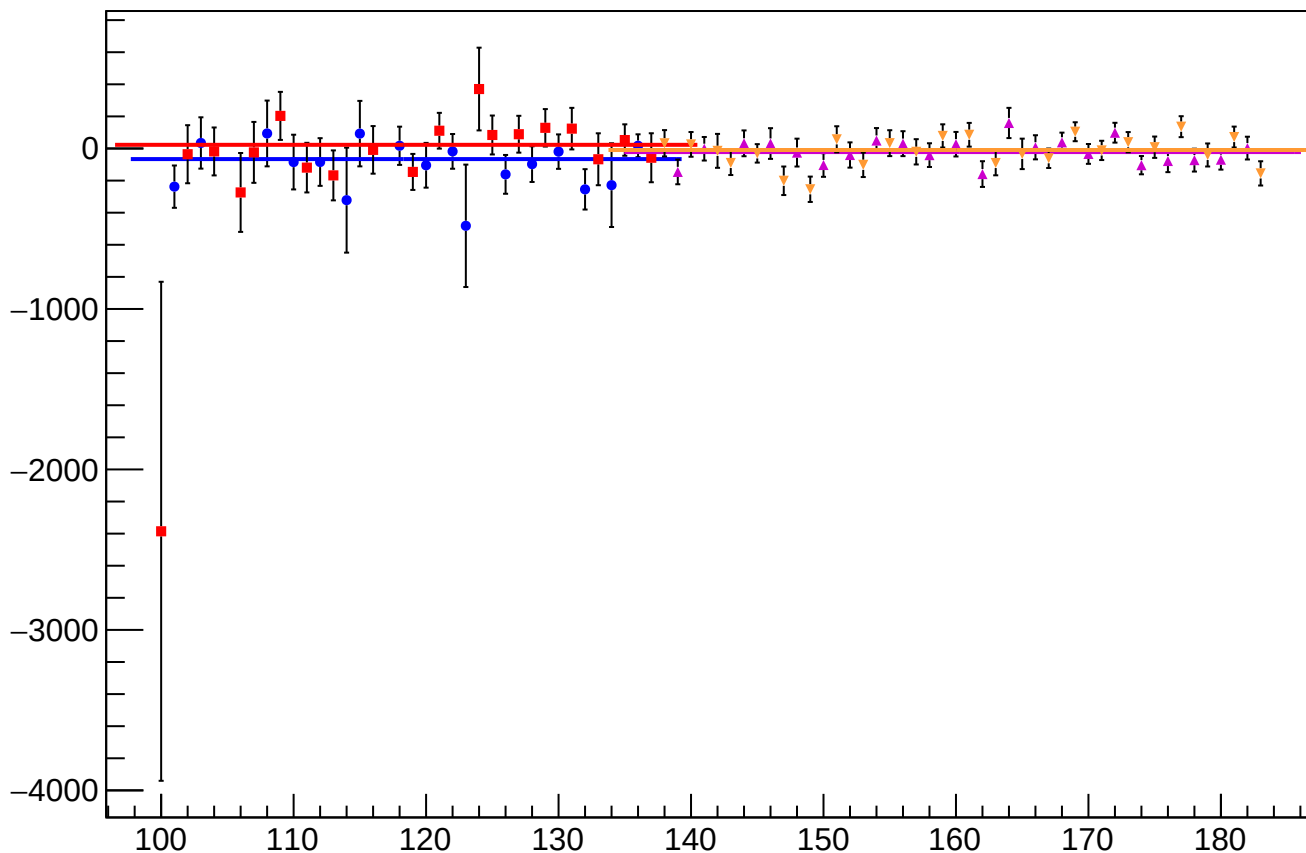
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 372.095+/-0.064 χ^2/NDF : 460324.1/21

Out: 372.158+/-0.062 χ^2/NDF : 594831.5/23

All: 372.127+/-0.045 χ^2/NDF : 1055156.2/45

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 χ^2/NDF : 10.8/16

Left Out: -9.418 ± 14.713 χ^2/NDF : 38.3/23

Right Out: 22.908 ± 32.782 χ^2/NDF : 15.3/18

Left In: -22.238 ± 15.436 χ^2/NDF : 22.0/21

Left: -15.521 ± 10.650 χ^2/NDF : 60.6/45

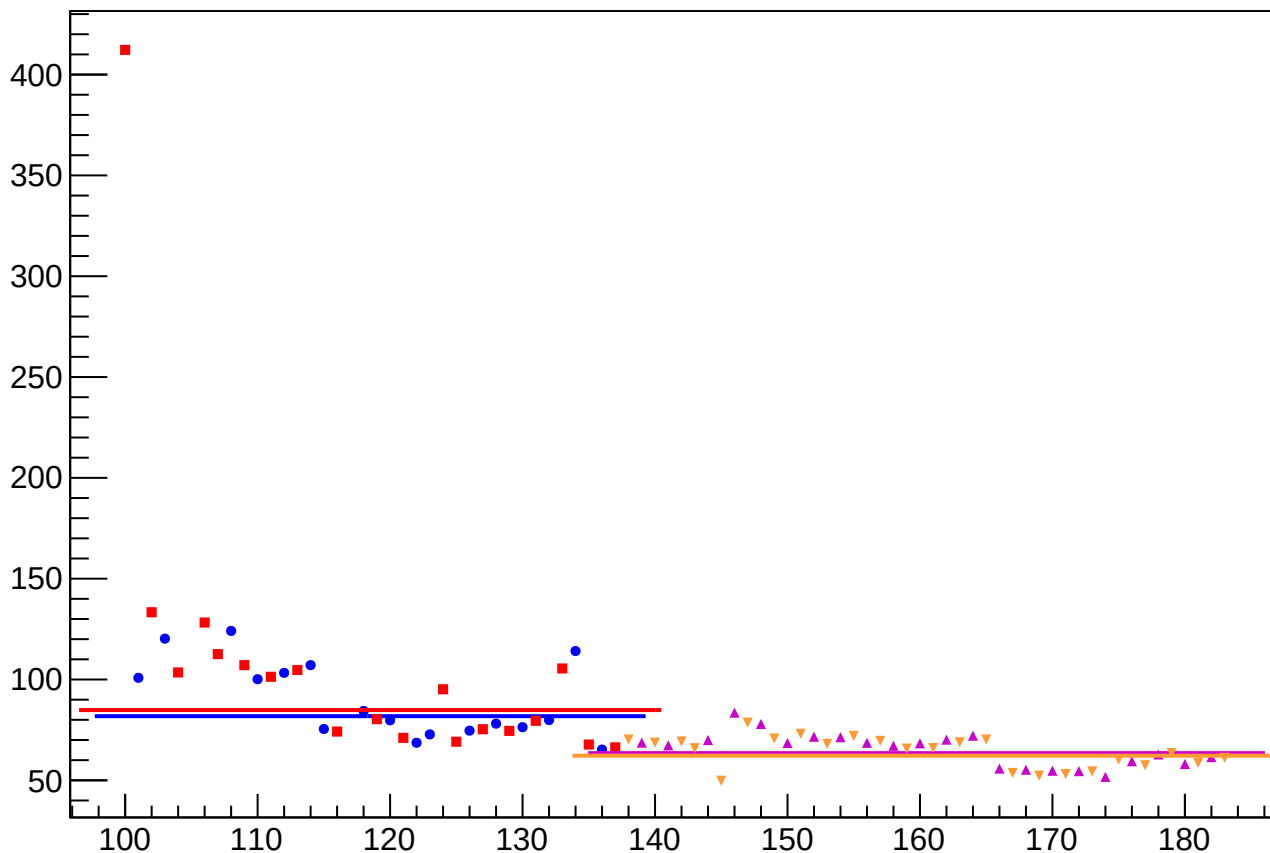
Right: -22.207 ± 23.004 χ^2/NDF : 29.8/35

In: -30.375 ± 13.927 χ^2/NDF : 34.3/38

Out: -3.998 ± 13.423 χ^2/NDF : 54.4/42

All: -16.701 ± 9.665 χ^2/NDF : 90.6/81

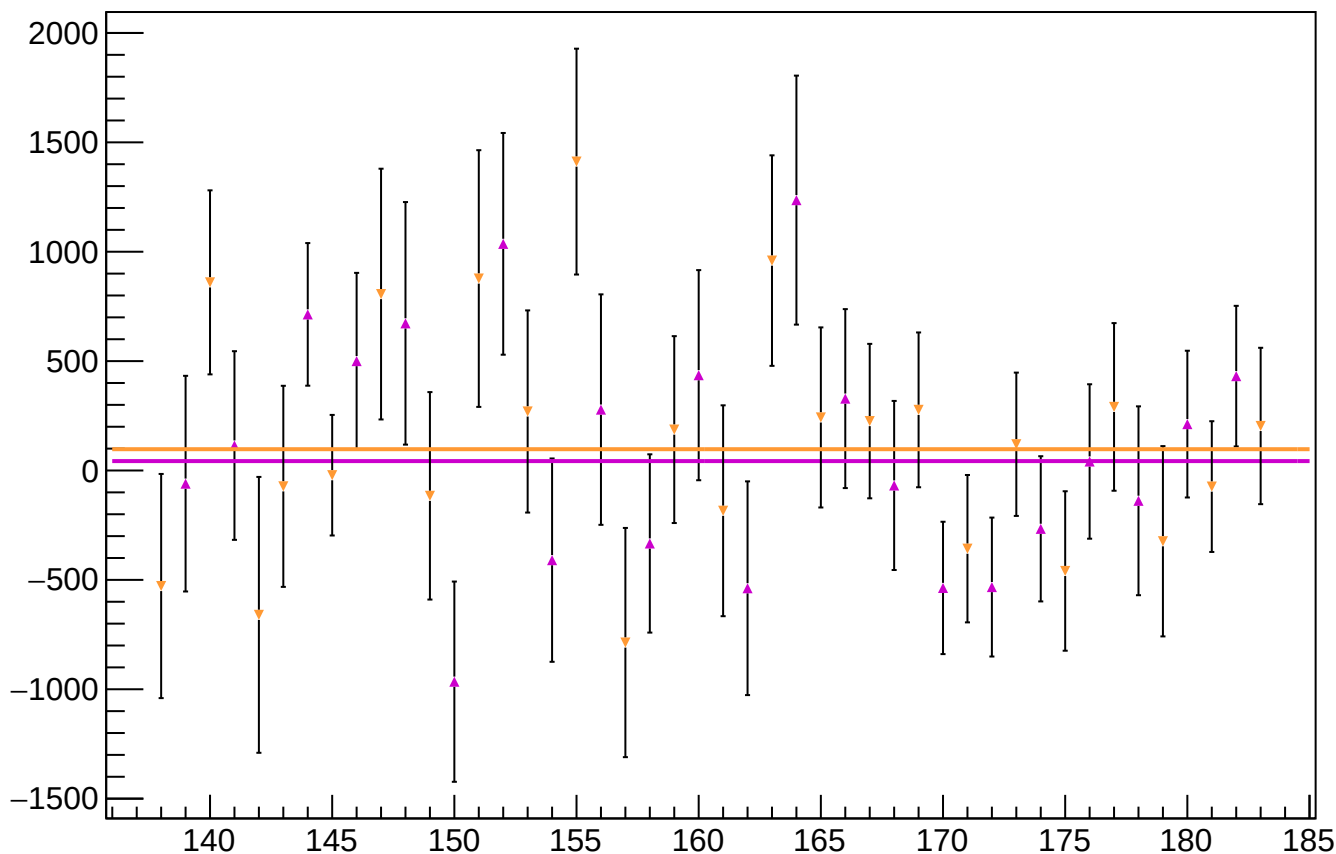
dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 ± 0.023 $\chi^2/\text{NDF}: 507195.8/16$
 Left Out: 62.213 ± 0.010 $\chi^2/\text{NDF}: 556789.0/23$
 Right Out: 84.836 ± 0.023 $\chi^2/\text{NDF}: 704648.9/18$
 Left In: 63.484 ± 0.011 $\chi^2/\text{NDF}: 523735.8/21$

Left: 62.818 ± 0.008 $\chi^2/\text{NDF}: 1087628.2/45$
 Right: 83.300 ± 0.016 $\chi^2/\text{NDF}: 1220504.3/35$
 In: 66.893 ± 0.010 $\chi^2/\text{NDF}: 1555254.1/38$
 Out: 66.006 ± 0.009 $\chi^2/\text{NDF}: 2054229.1/42$
 All: 66.433 ± 0.007 $\chi^2/\text{NDF}: 3613686.3/81$

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: 97.357 $\pm$ 82.998 χ^2 /NDF:29.4/23

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

Left In: 42.961 $\pm$ 85.307 χ^2 /NDF:34.3/21

Left: 70.905 $\pm$ 59.488 χ^2 /NDF: 63.9/45

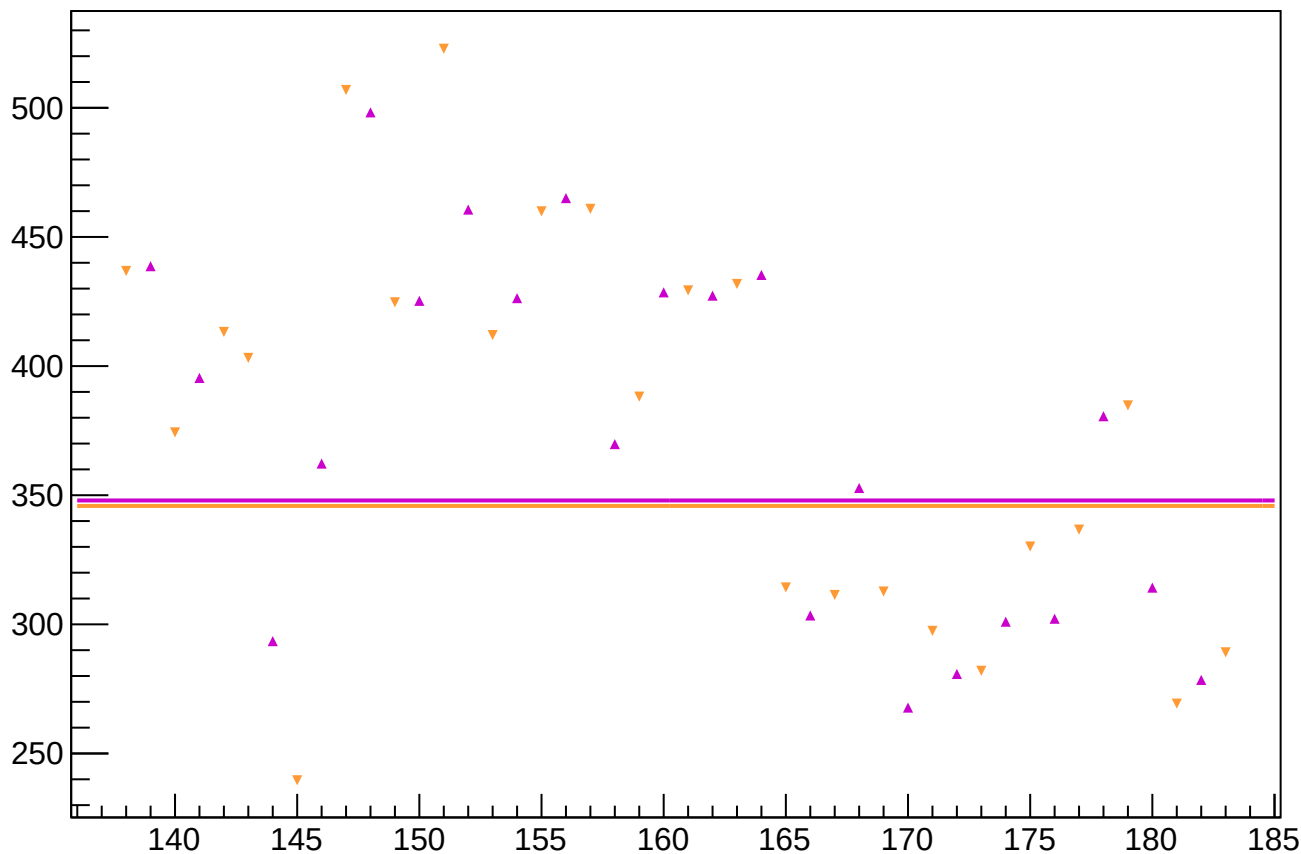
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 42.961 $\pm$ 85.307 χ^2 /NDF:34.3/21

Out: 97.357 $\pm$ 82.998 χ^2 /NDF:29.4/23

All: 70.905 $\pm$ 59.488 χ^2 /NDF: 63.9/45

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: 345.848+/-0.059 χ^2/NDF :1565232.9/23

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

Left In: 347.968+/-0.060 χ^2/NDF :1223495.8/21

Left: 346.879+/-0.042 χ^2/NDF : 2789363.0/45

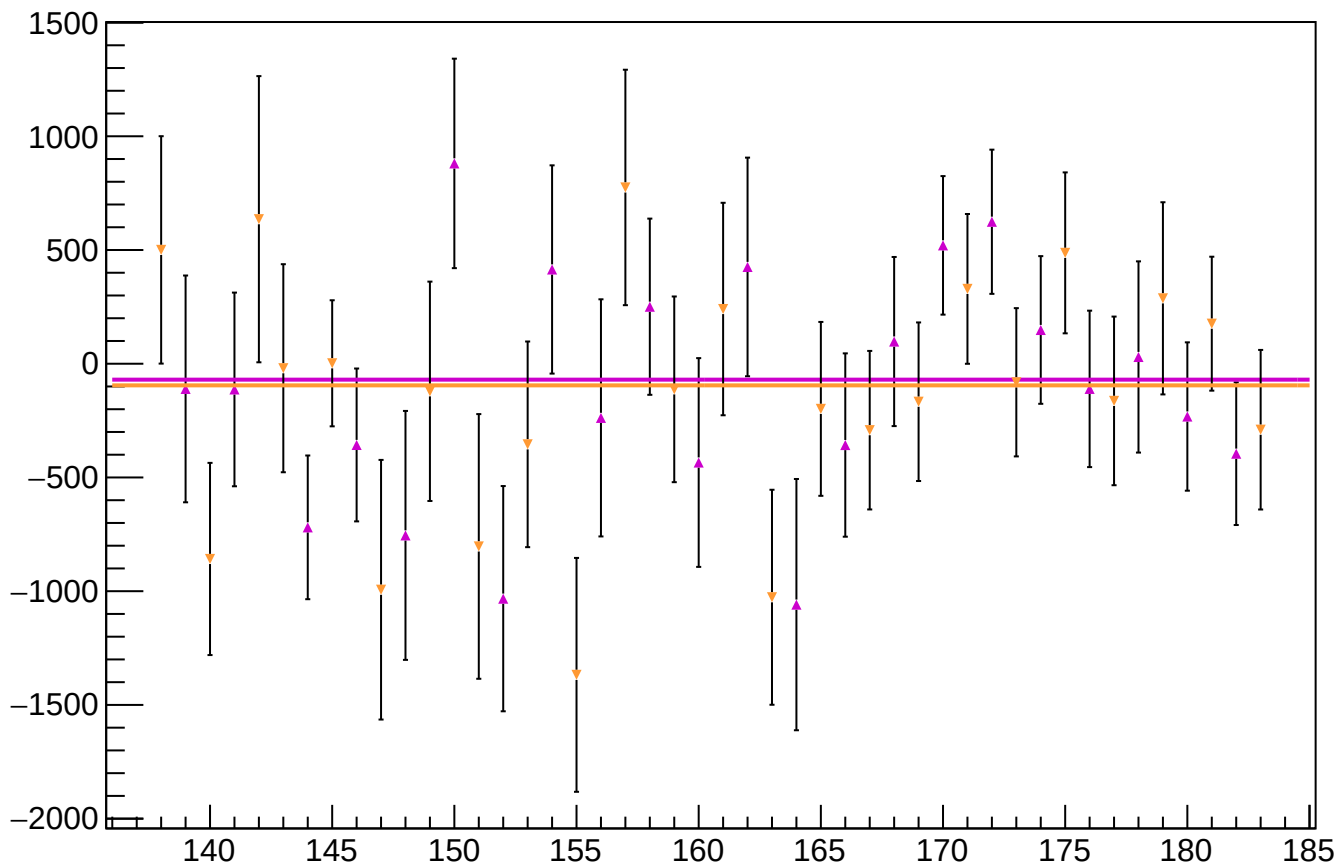
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 347.968+/-0.060 χ^2/NDF :1223495.8/21

Out: 345.848+/-0.059 χ^2/NDF :1565232.9/23

All: 346.879+/-0.042 χ^2/NDF : 2789363.0/45

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -95.091 ± 81.591 χ^2/NDF : 30.7/23

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

Left In: -69.988 ± 82.949 χ^2/NDF : 32.5/21

Left: -82.746 ± 58.168 χ^2/NDF : 63.2/45

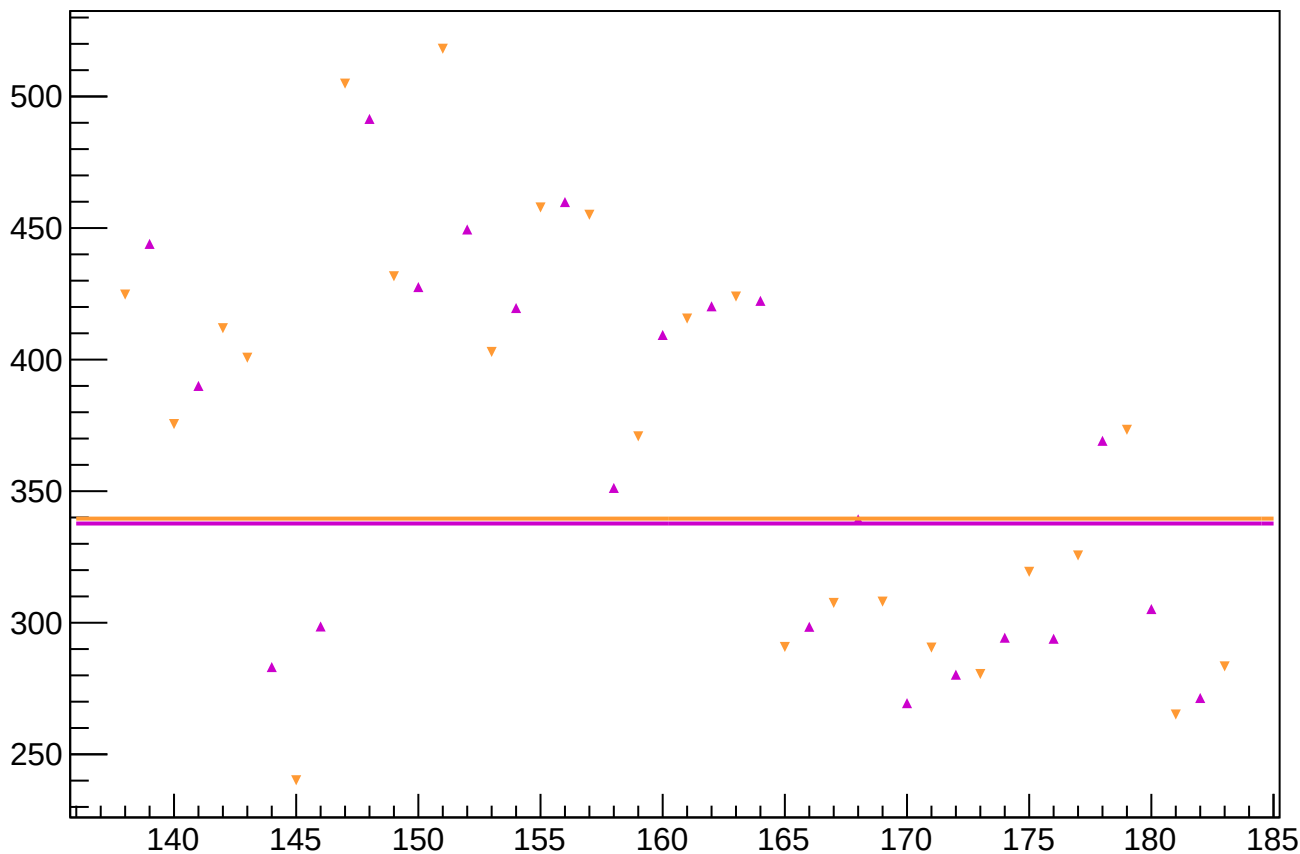
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -69.988 ± 82.949 χ^2/NDF : 32.5/21

Out: -95.091 ± 81.591 χ^2/NDF : 30.7/23

All: -82.746 ± 58.168 χ^2/NDF : 63.2/45

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 339.578+/-0.058 χ^2/NDF :1571682.0/23

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

Left In: 337.710+/-0.059 χ^2/NDF :1248639.8/21

Left: 338.660+/-0.041 χ^2/NDF : 2820837.5/45

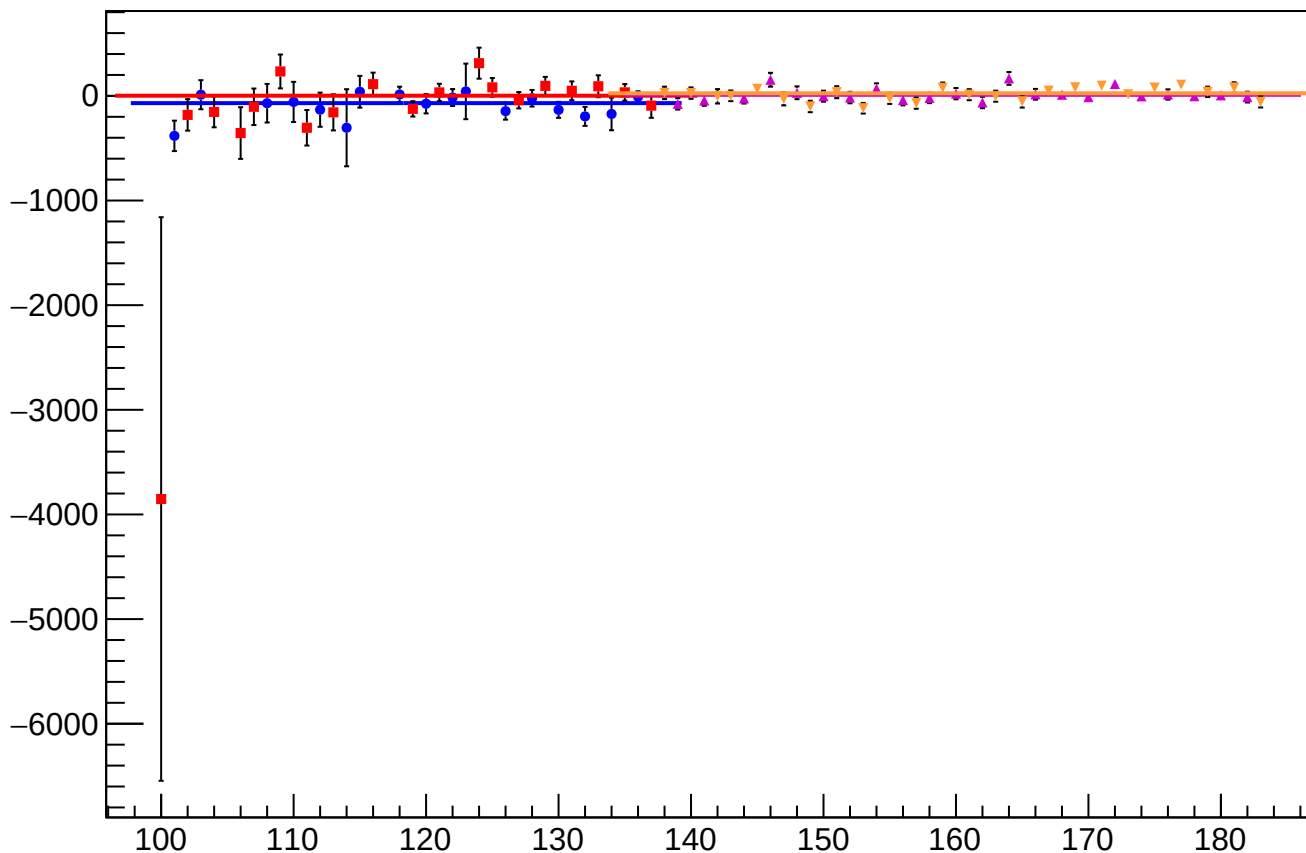
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 337.710+/-0.059 χ^2/NDF :1248639.8/21

Out: 339.578+/-0.058 χ^2/NDF :1571682.0/23

All: 338.660+/-0.041 χ^2/NDF : 2820837.5/45

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 χ^2/NDF : 13.5/16

Left Out: 24.814 ± 10.091 χ^2/NDF : 37.2/23

Right Out: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: 10.396 ± 10.519 χ^2/NDF : 27.7/21

Left: 17.905 ± 7.282 χ^2/NDF : 65.9/45

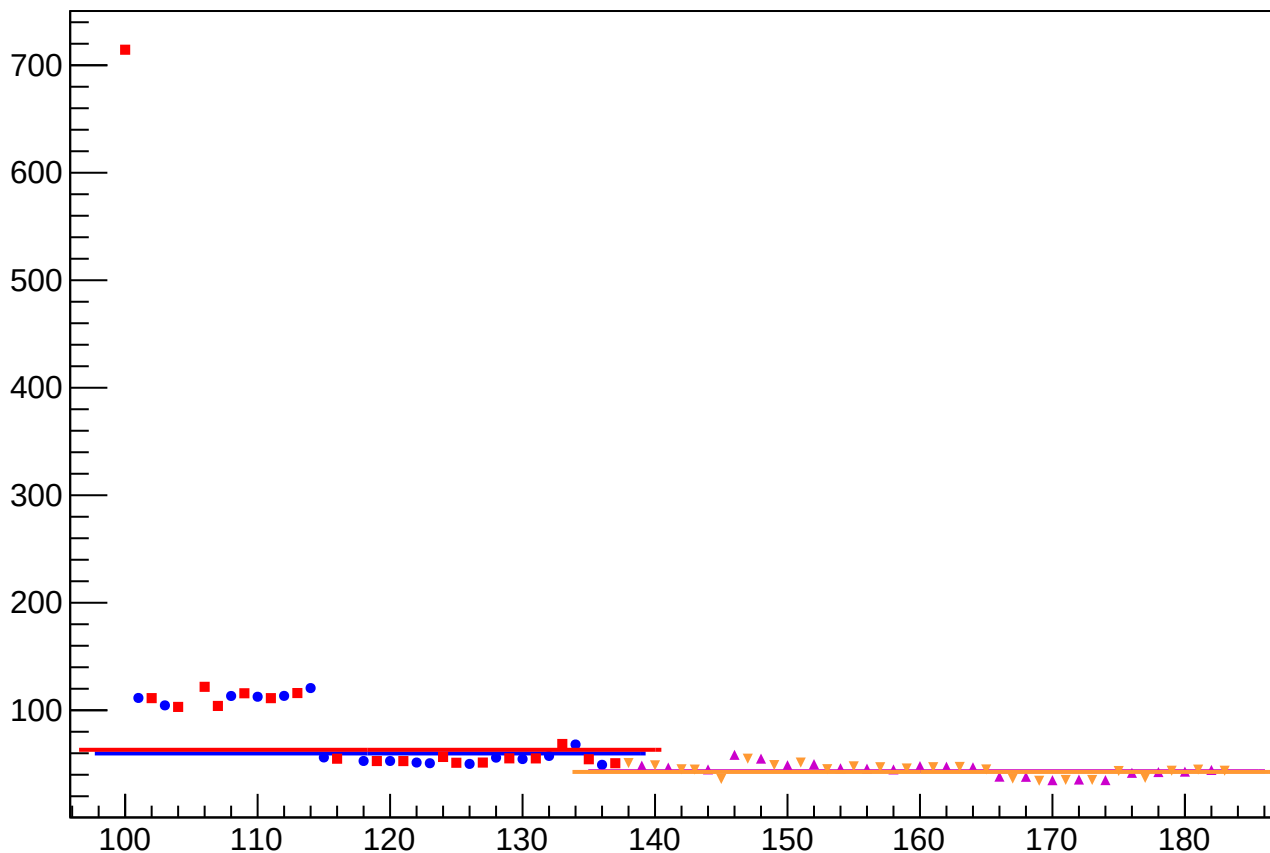
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -2.199 ± 9.651 χ^2/NDF : 50.3/38

Out: 21.623 ± 9.367 χ^2/NDF : 63.8/42

All: 10.068 ± 6.722 χ^2/NDF : 117.2/81

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809 $\pm$ 0.017 χ^2 /NDF: 1229983.3/16

Left Out: 42.635 $\pm$ 0.007 χ^2 /NDF: 662667.9/23

Right Out: 63.223 $\pm$ 0.018 χ^2 /NDF: 1504271.8/18

Left In: 43.308 $\pm$ 0.007 χ^2 /NDF: 617312.3/21

Left: 42.957 $\pm$ 0.005 χ^2 /NDF: 1284239.3/45

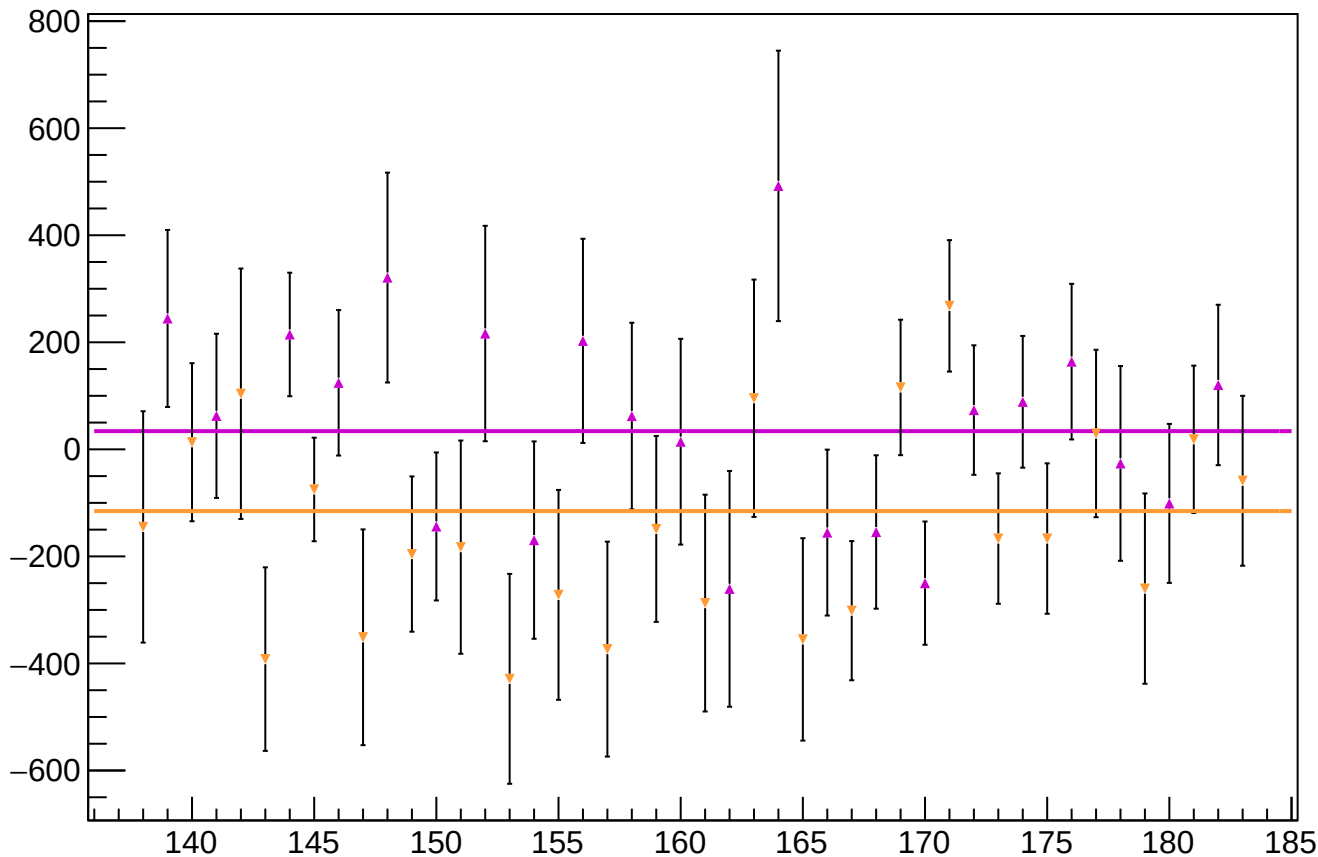
Right: 61.452 $\pm$ 0.012 χ^2 /NDF: 2753314.9/35

In: 45.919 $\pm$ 0.007 χ^2 /NDF: 2626140.8/38

Out: 45.482 $\pm$ 0.007 χ^2 /NDF: 3318488.7/42

All: 45.694 $\pm$ 0.005 χ^2 /NDF: 5946736.8/81

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -115.349+/-31.984 χ^2/NDF :32.4/23

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

Left In: 34.043+/-32.756 χ^2/NDF :28.0/21

Left: -42.433+/-22.884 χ^2/NDF : 71.0/45

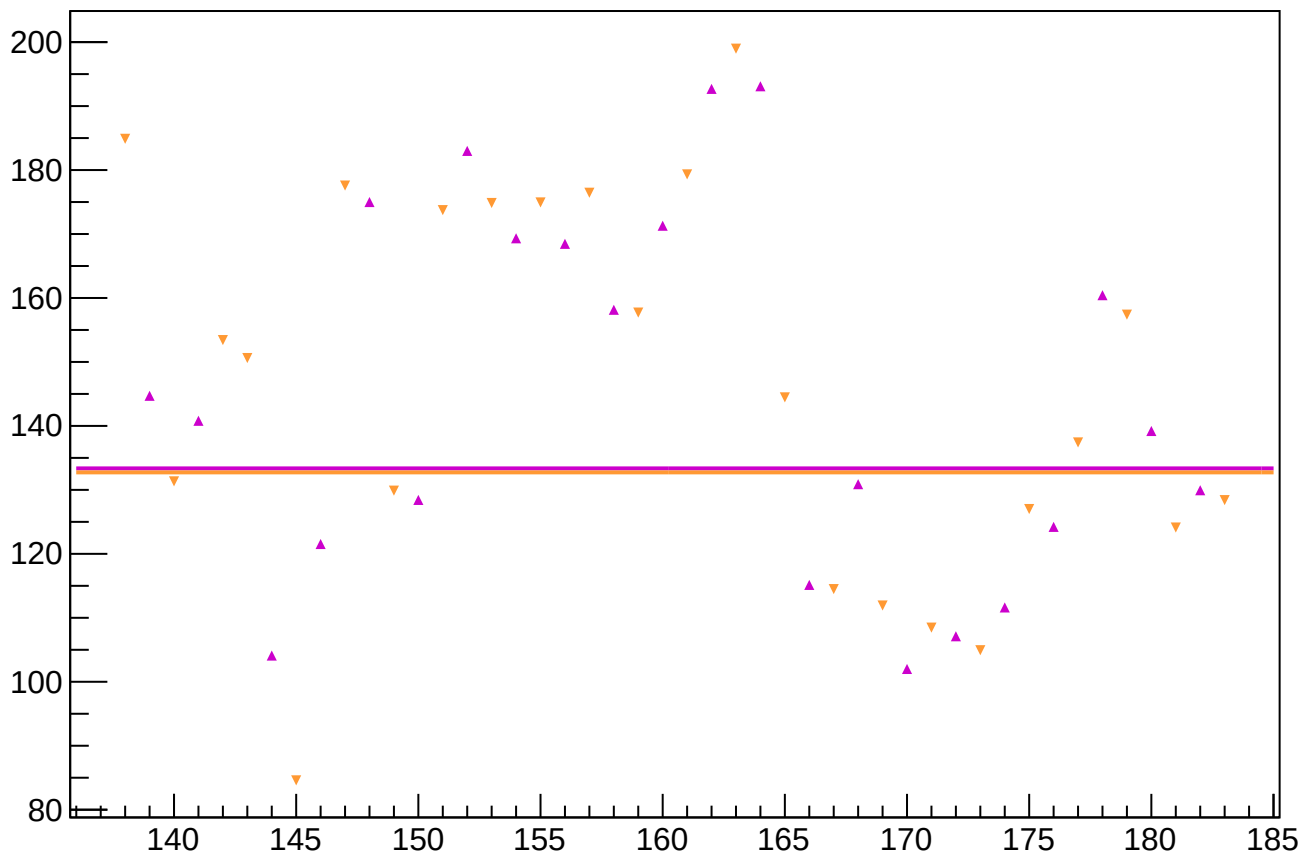
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 34.043+/-32.756 χ^2/NDF :28.0/21

Out: -115.349+/-31.984 χ^2/NDF :32.4/23

All: -42.433+/-22.884 χ^2/NDF : 71.0/45

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: 132.738+/-0.023 χ^2/NDF :1775908.7/23

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

Left In: 133.357+/-0.023 χ^2/NDF :1280958.6/21

Left: 133.040+/-0.016 χ^2/NDF : 3057232.5/45

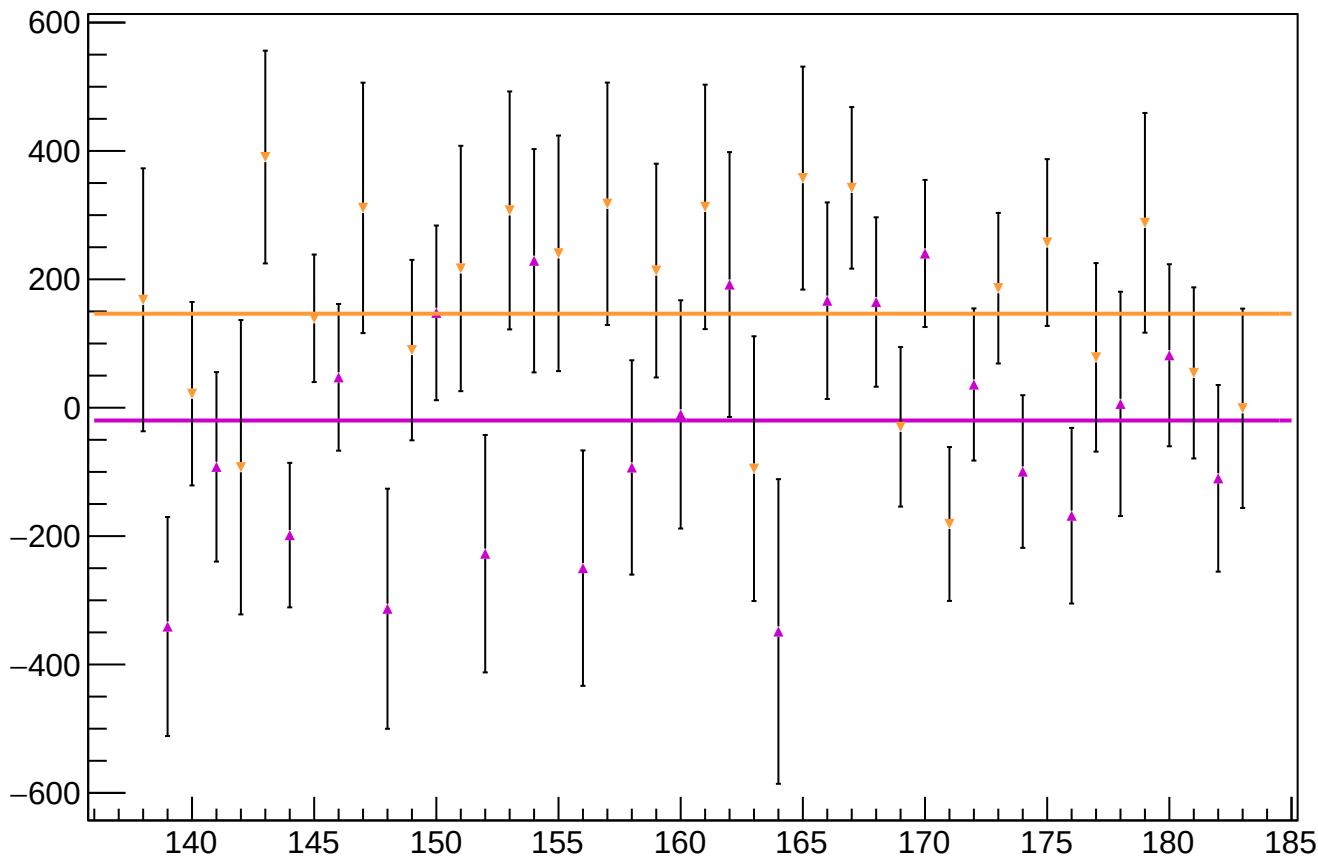
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 133.357+/-0.023 χ^2/NDF :1280958.6/21

Out: 132.738+/-0.023 χ^2/NDF :1775908.7/23

All: 133.040+/-0.016 χ^2/NDF : 3057232.5/45

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 146.476 $\pm$ 30.878 χ^2 /NDF:25.7/23

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

Left In: -19.921 $\pm$ 31.302 χ^2 /NDF:30.0/21

Left: 64.412 $\pm$ 21.982 χ^2 /NDF: 70.0/45

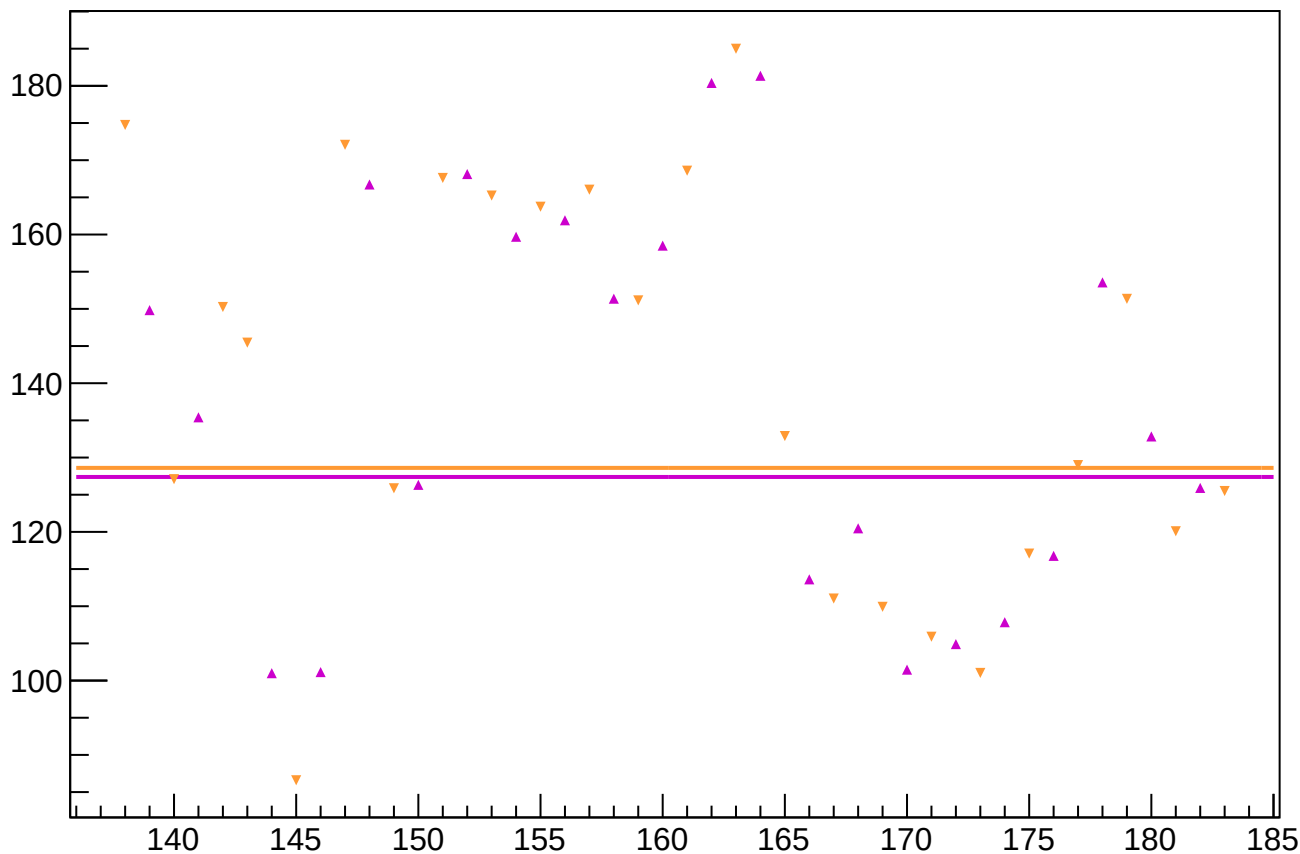
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -19.921 $\pm$ 31.302 χ^2 /NDF:30.0/21

Out: 146.476 $\pm$ 30.878 χ^2 /NDF:25.7/23

All: 64.412 $\pm$ 21.982 χ^2 /NDF: 70.0/45

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 128.611+/-0.022 χ^2/NDF :1513790.0/23

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

Left In: 127.389+/-0.022 χ^2/NDF :1229887.6/21

Left: 128.008+/-0.016 χ^2/NDF : 2745221.2/45

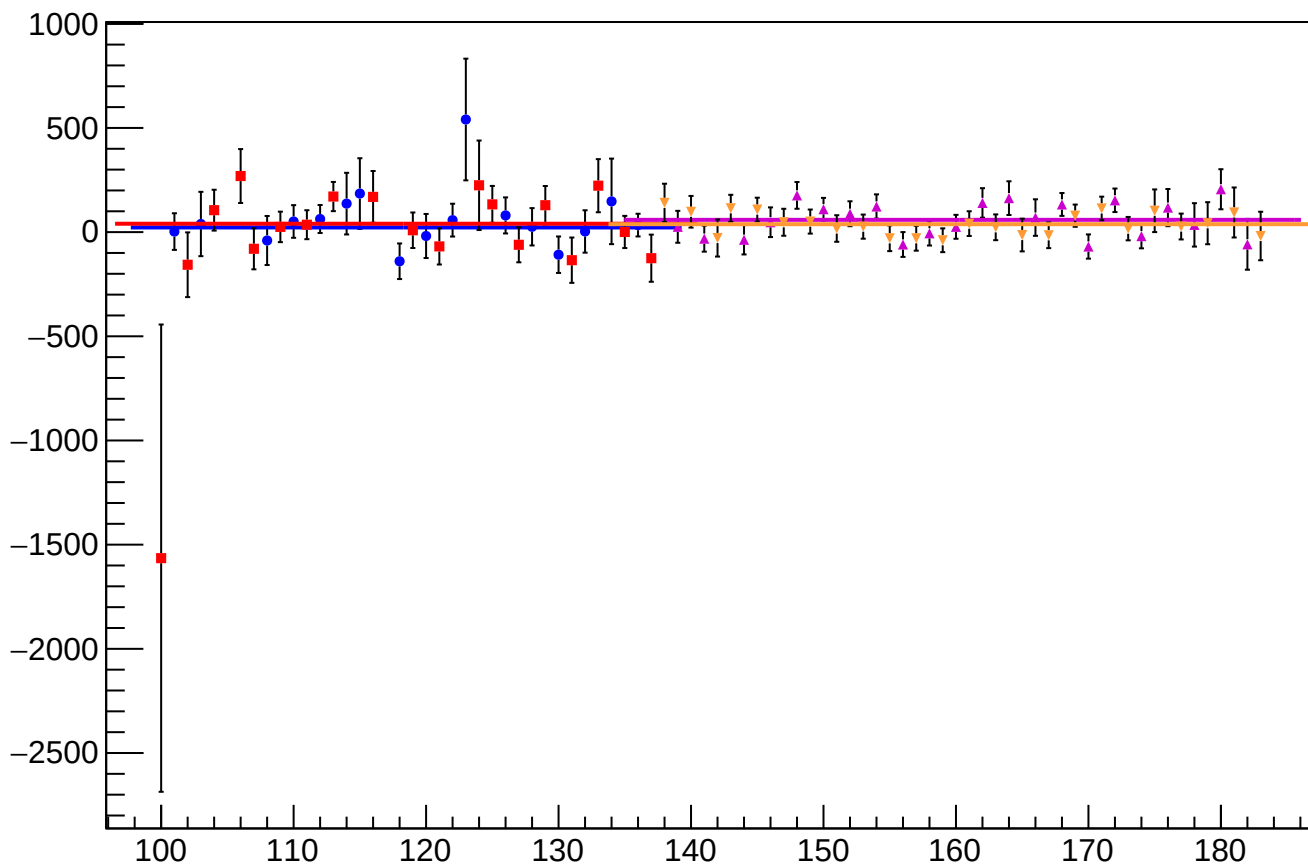
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 127.389+/-0.022 χ^2/NDF :1229887.6/21

Out: 128.611+/-0.022 χ^2/NDF :1513790.0/23

All: 128.008+/-0.016 χ^2/NDF : 2745221.2/45

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 $\pm$ 22.625 χ^2 /NDF: 12.6/16

Left Out: 38.002 $\pm$ 13.546 χ^2 /NDF:14.5/23

Right Out: 40.242 $\pm$ 22.132 χ^2 /NDF: 26.3/18

Left In: 58.915 $\pm$ 14.187 χ^2 /NDF:33.3/21

Left: 47.976 $\pm$ 9.797 χ^2 /NDF: 48.9/45

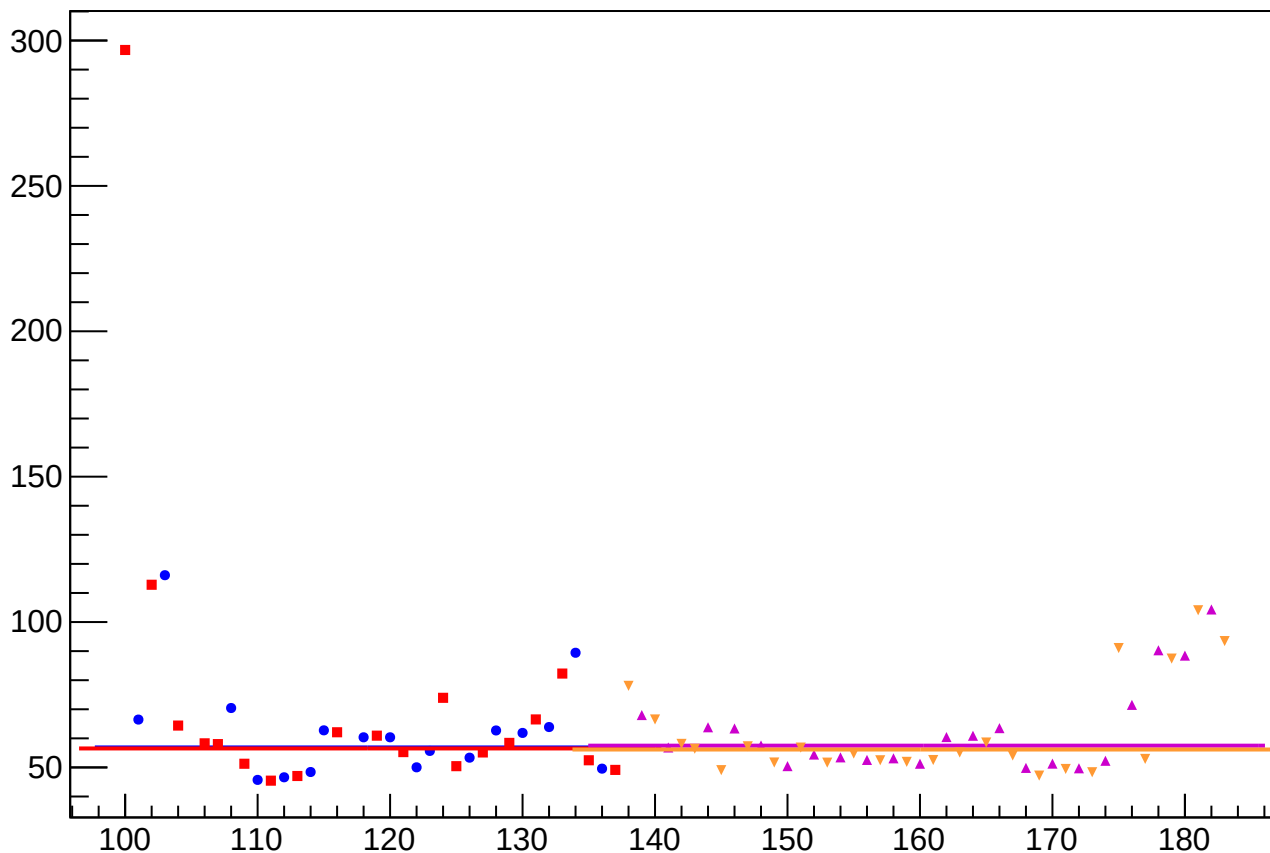
Right: 31.498 $\pm$ 15.821 χ^2 /NDF: 39.2/35

In: 48.599 $\pm$ 12.019 χ^2 /NDF:47.8/38

Out: 38.612 $\pm$ 11.554 χ^2 /NDF:40.8/42

All: 43.408 $\pm$ 8.330 χ^2 /NDF: 88.9/81

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879 $\pm$ 0.016 χ^2 /NDF: 575487.1/16

Left Out: 56.160 $\pm$ 0.010 χ^2 /NDF: 1316070.1/23

Right Out: 56.528 $\pm$ 0.016 χ^2 /NDF: 612273.7/18

Left In: 57.485 $\pm$ 0.010 χ^2 /NDF: 1046581.7/21

Left: 56.792 $\pm$ 0.007 χ^2 /NDF: 2371777.0/45

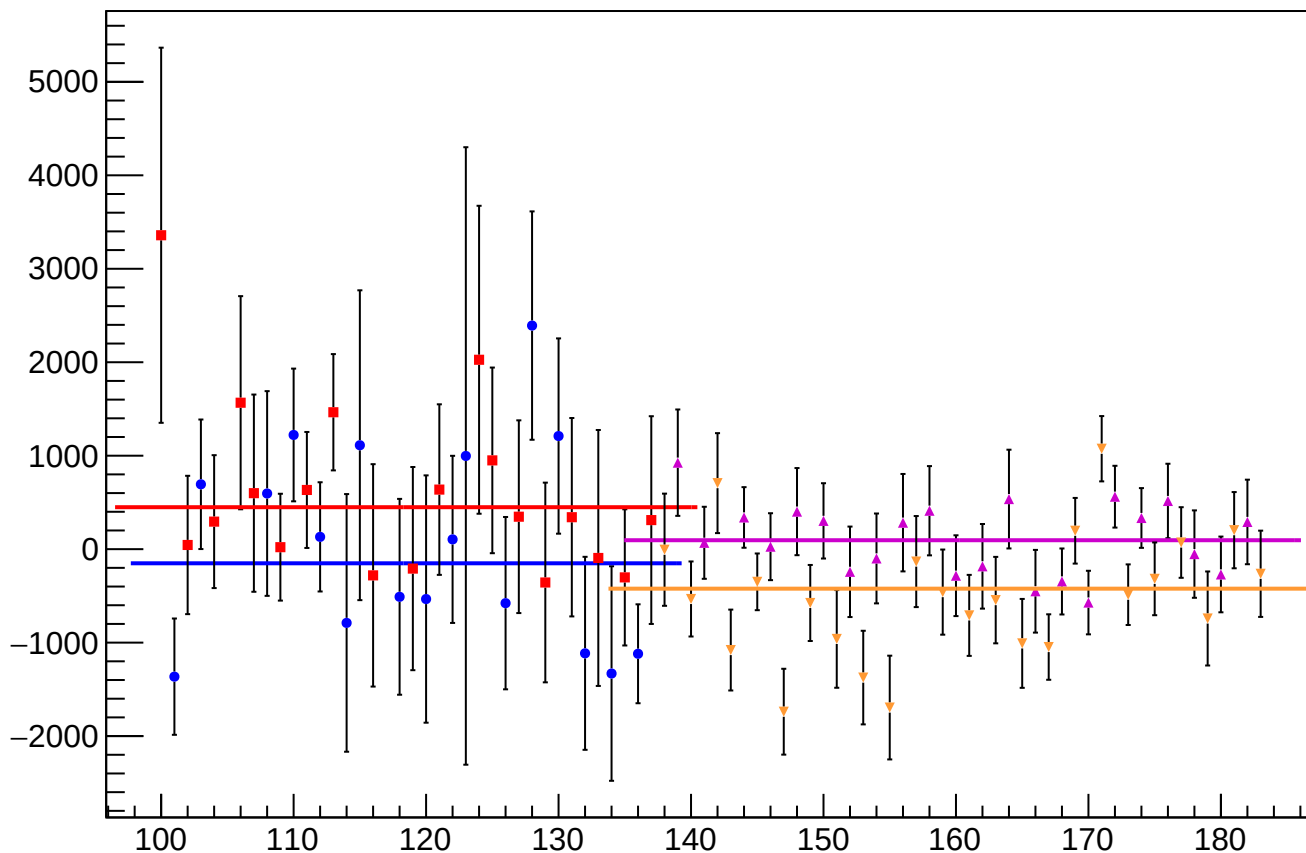
Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35

In: 57.314 $\pm$ 0.008 χ^2 /NDF: 1623101.0/38

Out: 56.261 $\pm$ 0.008 χ^2 /NDF: 1928744.2/42

All: 56.767 $\pm$ 0.006 χ^2 /NDF: 3559833.9/81

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194+/-212.448 χ^2/NDF : 22.4/16

Left Out: -422.670+/-85.734 χ^2/NDF : 57.4/23

Right Out: 448.932+/-203.999 χ^2/NDF : 10.5/18

Left In: 95.624+/-87.386 χ^2/NDF : 18.2/21

Left: -168.469+/-61.199 χ^2/NDF : 93.5/45

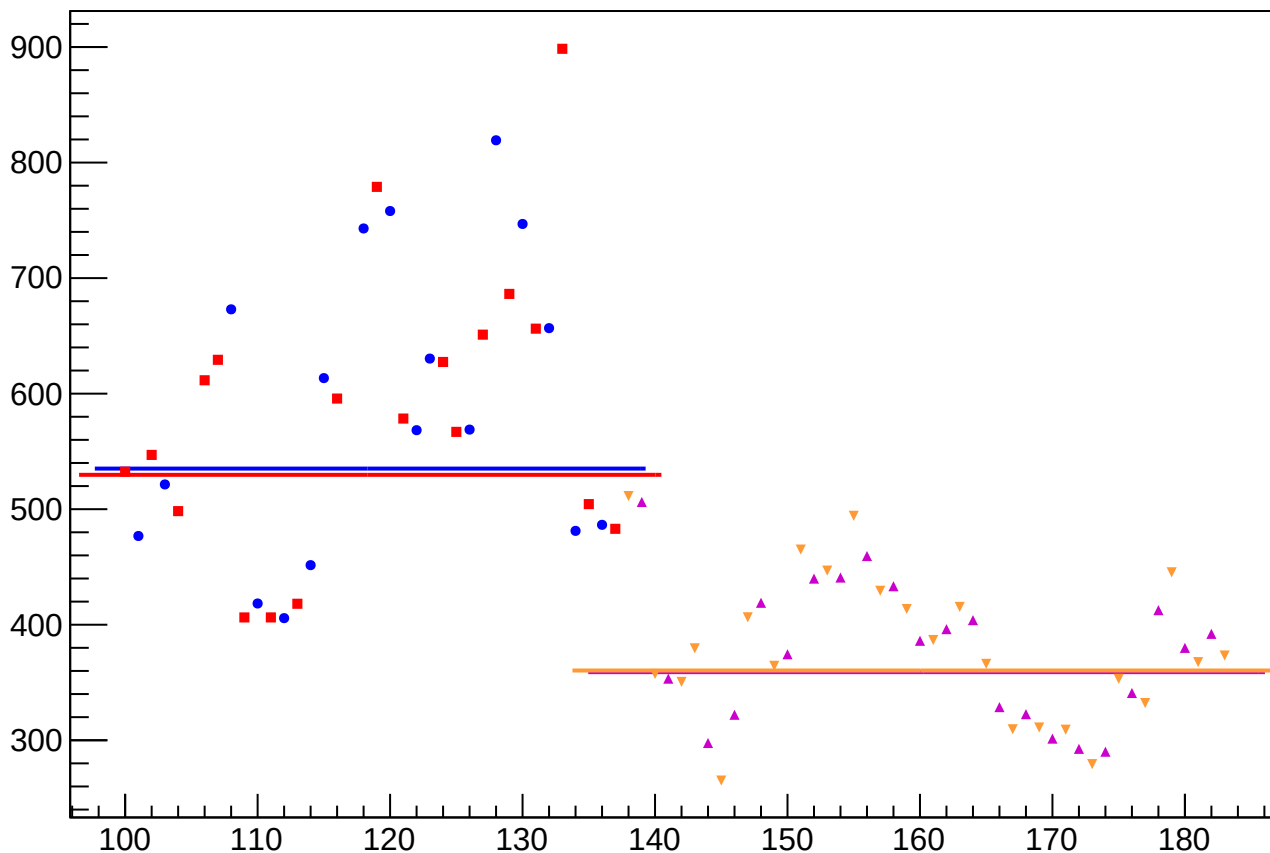
Right: 161.039+/-147.145 χ^2/NDF : 37.1/35

In: 59.907+/-80.817 χ^2/NDF : 41.8/38

Out: -291.832+/-79.038 χ^2/NDF : 83.4/42

All: -119.876+/-56.507 χ^2/NDF : 134.9/81

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 360.380+/-0.061 χ^2/NDF : 1029078.6/23

Right Out: 529.748+/-0.144 χ^2/NDF : 646729.4/18

Left In: 358.947+/-0.062 χ^2/NDF : 843887.2/21

Left: 359.677+/-0.043 χ^2/NDF : 1873239.7/45

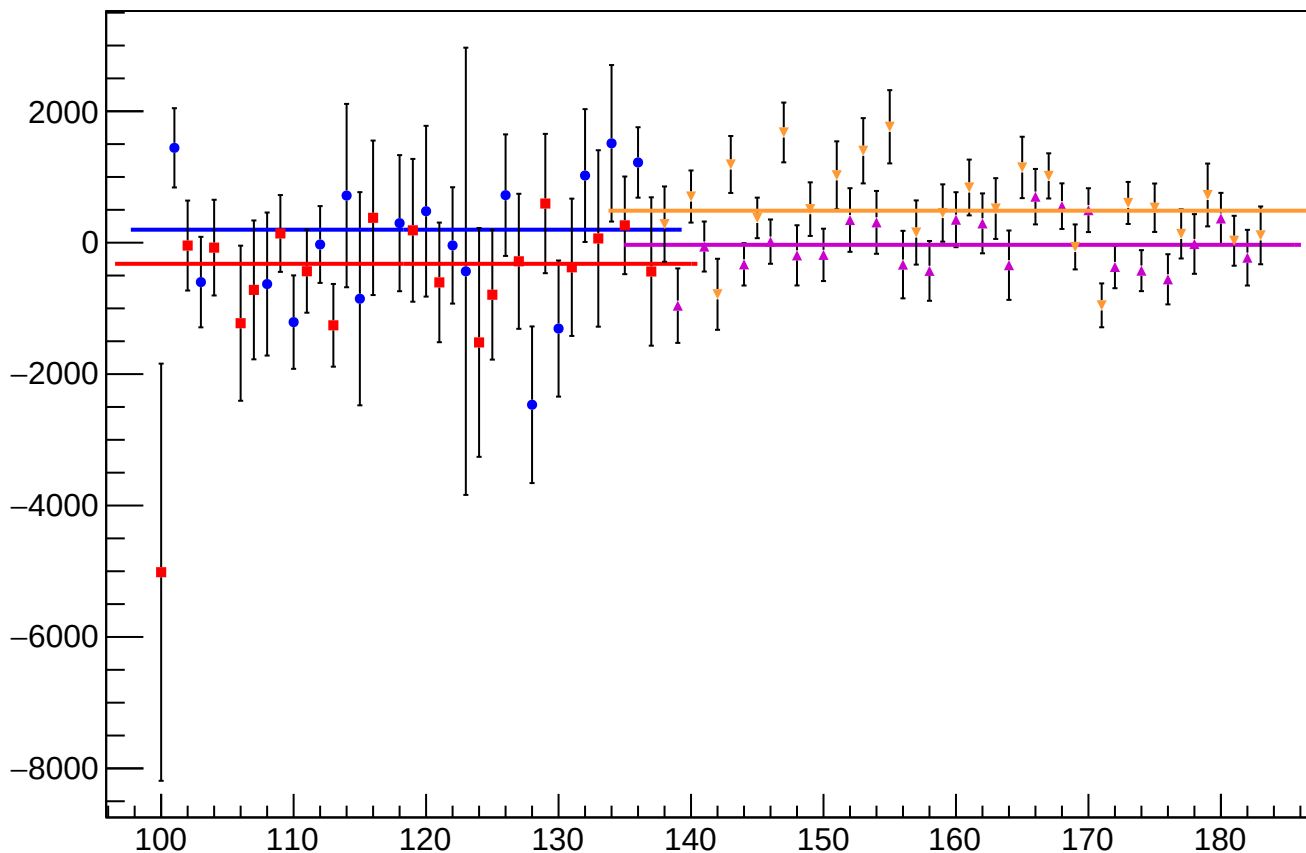
Right: 532.334+/-0.104 χ^2/NDF : 1243483.8/35

In: 384.444+/-0.057 χ^2/NDF : 2616498.1/38

Out: 385.804+/-0.056 χ^2/NDF : 2847462.5/42

All: 385.139+/-0.040 χ^2/NDF : 5464250.3/81

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 486.787 $\pm$ 84.065 χ^2 /NDF:55.5/23

Right Out: -321.565 $\pm$ 205.269 χ^2 /NDF: 8.9/18

Left In: -32.697 $\pm$ 85.286 χ^2 /NDF:21.9/21

Left: 230.789 $\pm$ 59.870 χ^2 /NDF: 96.3/45

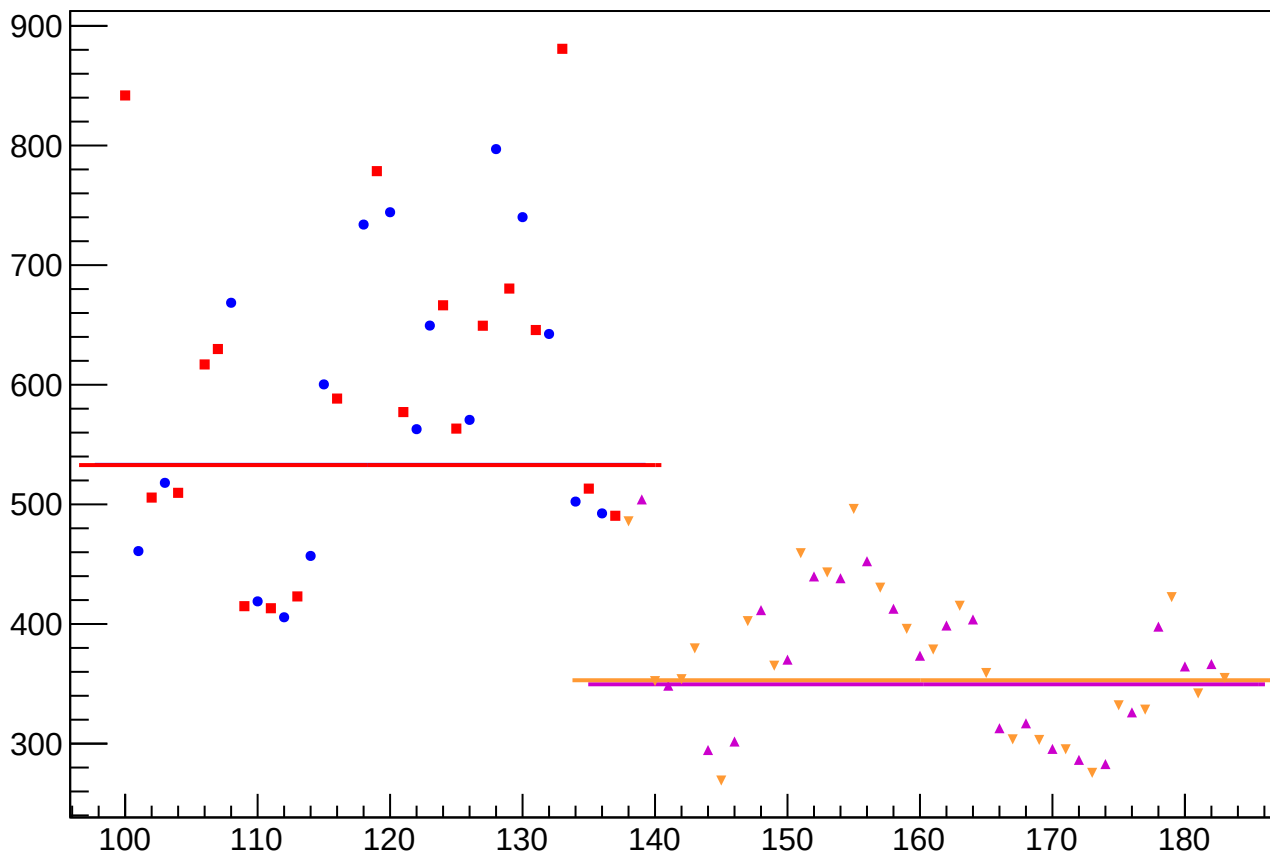
Right: -69.737 $\pm$ 147.294 χ^2 /NDF: 35.9/35

In: -0.487 $\pm$ 79.096 χ^2 /NDF:46.9/38

Out: 370.683 $\pm$ 77.794 χ^2 /NDF:77.7/42

All: 188.178 $\pm$ 55.463 χ^2 /NDF: 135.8/81

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 352.983+/-0.059 χ^2/NDF : 1003504.1/23

Right Out: 532.857+/-0.145 χ^2/NDF : 616953.9/18

Left In: 349.605+/-0.060 χ^2/NDF : 885819.0/21

Left: 351.318+/-0.042 χ^2/NDF : 1890914.0/45

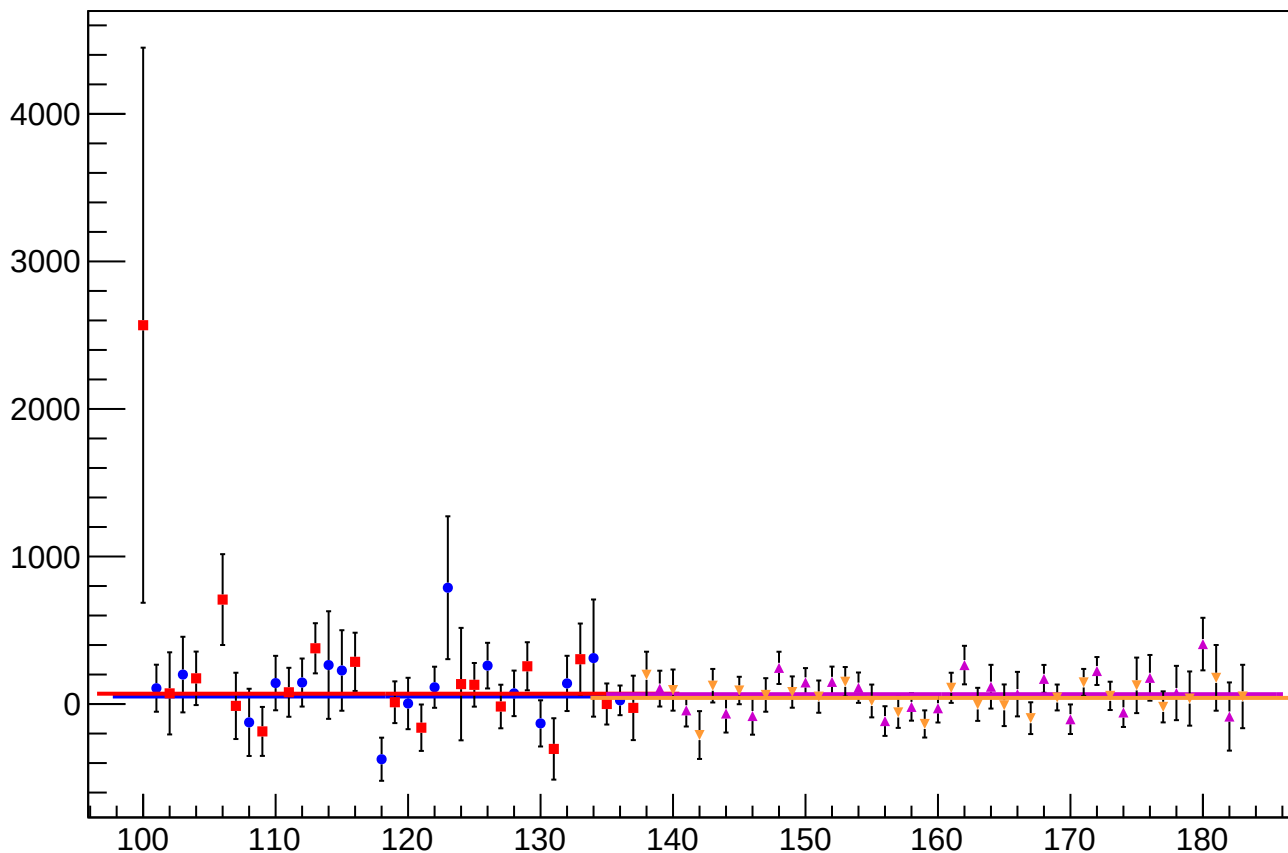
Right: 532.941+/-0.104 χ^2/NDF : 1183805.7/35

In: 375.264+/-0.056 χ^2/NDF : 2746778.3/38

Out: 378.818+/-0.055 χ^2/NDF : 2935625.9/42

All: 377.070+/-0.039 χ^2/NDF : 5684456.8/81

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166 $\pm$ 42.416 χ^2 /NDF: 17.4/16

Left Out: 41.526 $\pm$ 23.418 χ^2 /NDF:15.0/23

Right Out: 70.072 $\pm$ 42.792 χ^2 /NDF: 22.1/18

Left In: 66.652 $\pm$ 24.486 χ^2 /NDF:28.2/21

Left: 53.529 $\pm$ 16.924 χ^2 /NDF: 43.7/45

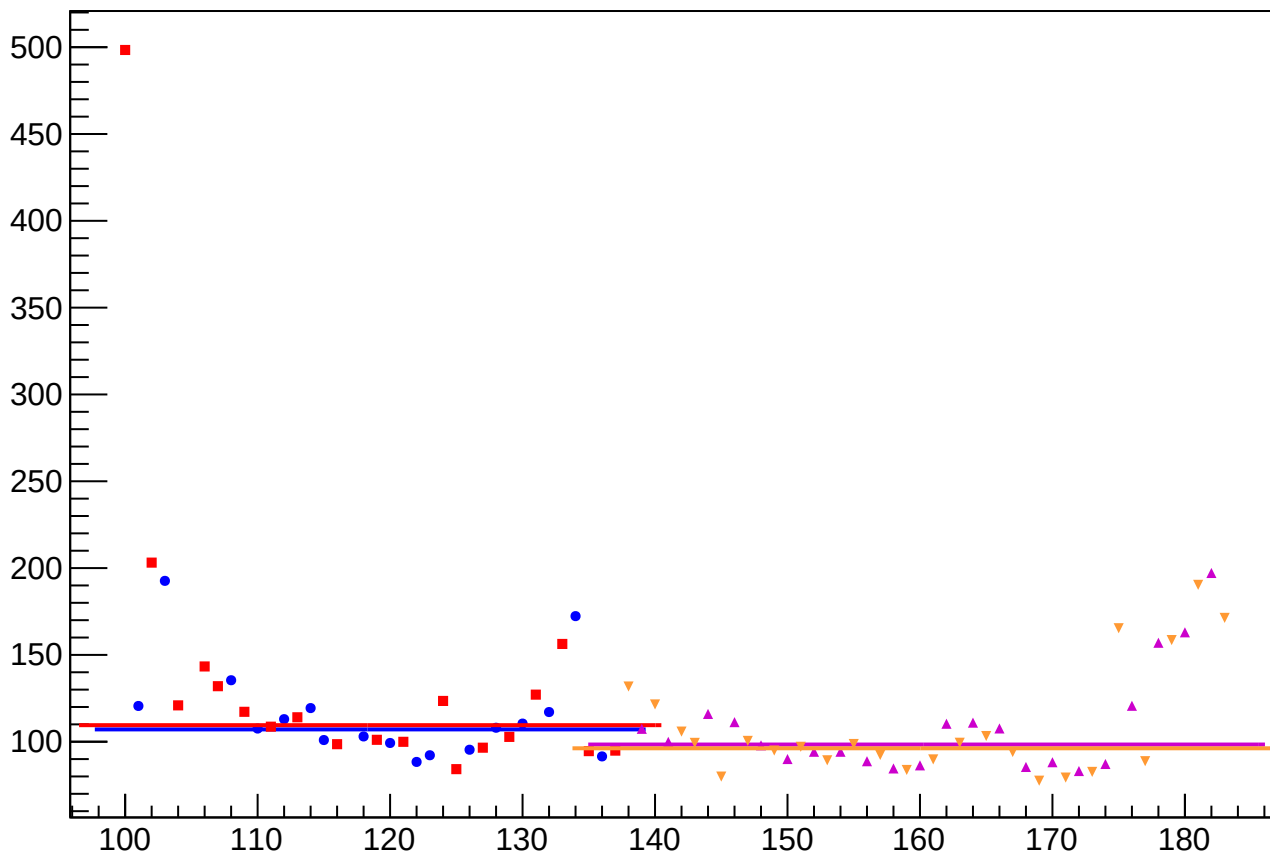
Right: 60.535 $\pm$ 30.125 χ^2 /NDF: 39.6/35

In: 62.781 $\pm$ 21.206 χ^2 /NDF:45.6/38

Out: 48.105 $\pm$ 20.543 χ^2 /NDF:37.4/42

All: 55.210 $\pm$ 14.755 χ^2 /NDF: 83.3/81

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2 /NDF: 437755.4/16

Left Out: 96.213 $\pm$ 0.017 χ^2 /NDF:1618259.5/23

Right Out: 109.530 $\pm$ 0.030 χ^2 /NDF: 591522.9/18

Left In: 98.376 $\pm$ 0.017 χ^2 /NDF:1231646.2/21

Left: 97.246 $\pm$ 0.012 χ^2 /NDF: 2858053.4/45

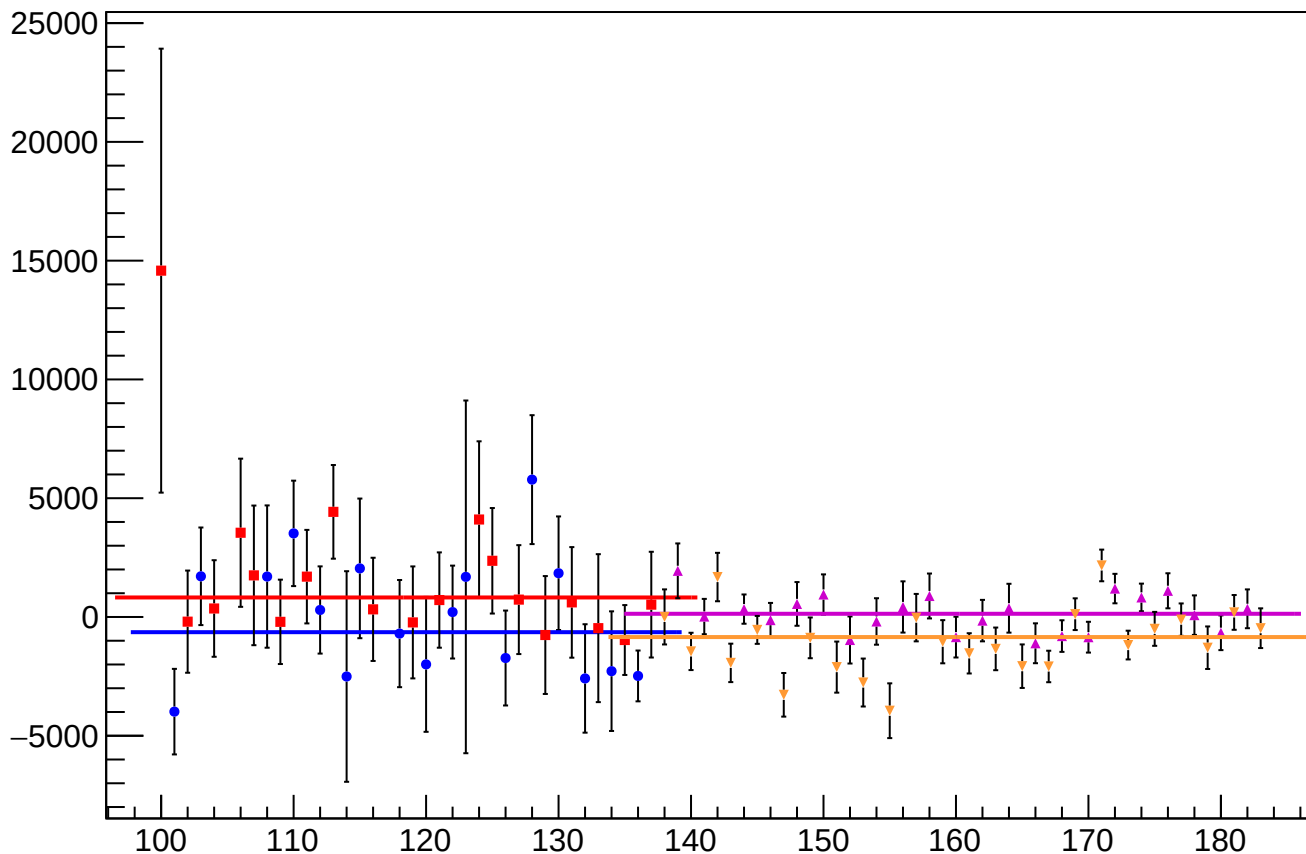
Right: 108.301 $\pm$ 0.021 χ^2 /NDF: 1032549.7/35

In: 100.555 $\pm$ 0.015 χ^2 /NDF:1732768.9/38

Out: 99.283 $\pm$ 0.015 χ^2 /NDF:2358837.5/42

All: 99.899 $\pm$ 0.010 χ^2 /NDF: 4095321.5/81

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847 $\pm$ 519.248 χ^2 /NDF: 21.8/16

Left Out: -845.643 $\pm$ 164.170 χ^2 /NDF:62.3/23

Right Out: 821.471 $\pm$ 515.663 χ^2 /NDF: 11.0/18

Left In: 134.536 $\pm$ 167.576 χ^2 /NDF:21.2/21

Left: -365.617 $\pm$ 117.272 χ^2 /NDF: 100.9/45

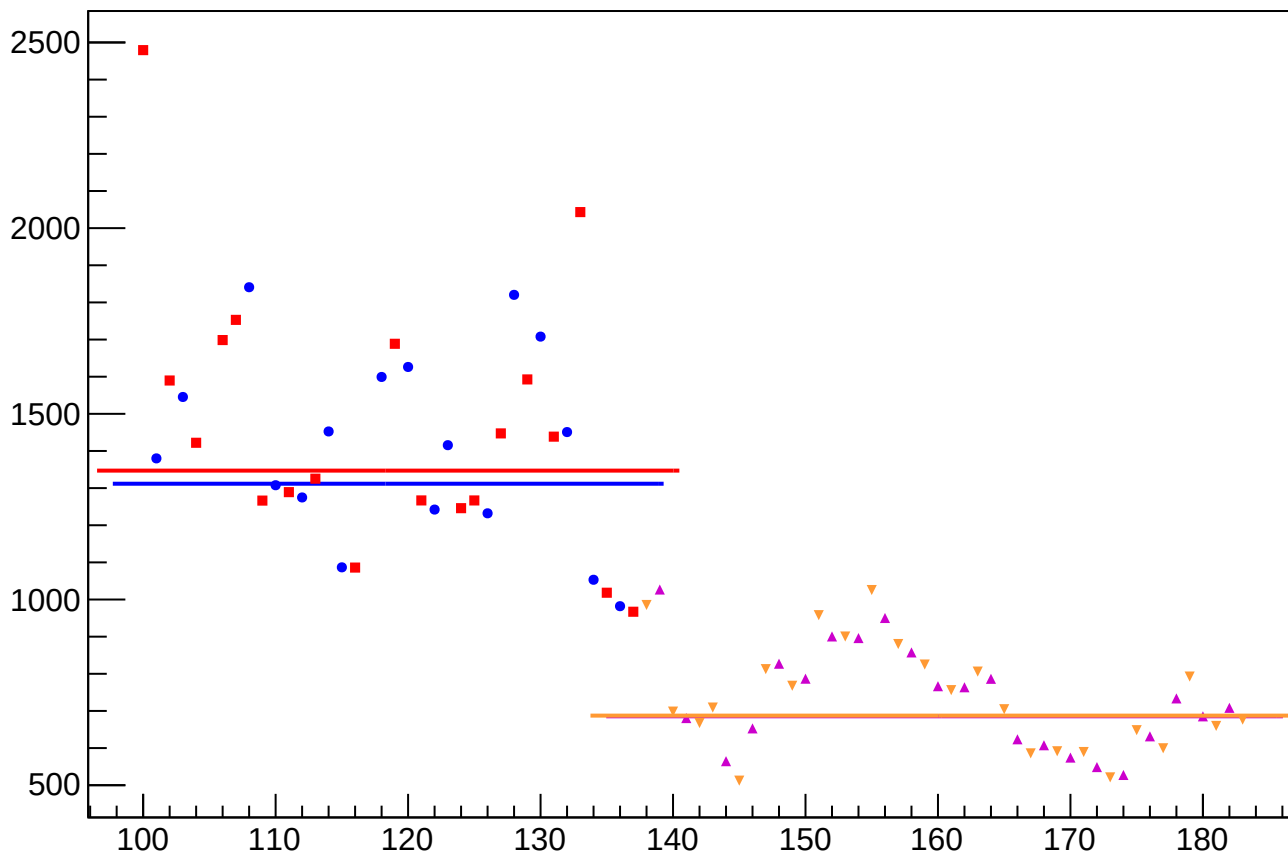
Right: 95.874 $\pm$ 365.890 χ^2 /NDF: 36.8/35

In: 61.489 $\pm$ 159.477 χ^2 /NDF:44.9/38

Out: -692.219 $\pm$ 156.434 χ^2 /NDF:82.7/42

All: -322.625 $\pm$ 111.676 χ^2 /NDF: 139.1/81

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795 ± 0.367 χ^2/NDF : 512676.0/16

Left Out: 687.404 ± 0.116 χ^2/NDF : 1277077.8/23

Right Out: 1347.117 ± 0.365 χ^2/NDF : 490460.8/18

Left In: 685.501 ± 0.118 χ^2/NDF : 1120322.0/21

Left: 686.472 ± 0.083 χ^2/NDF : 2397531.4/45

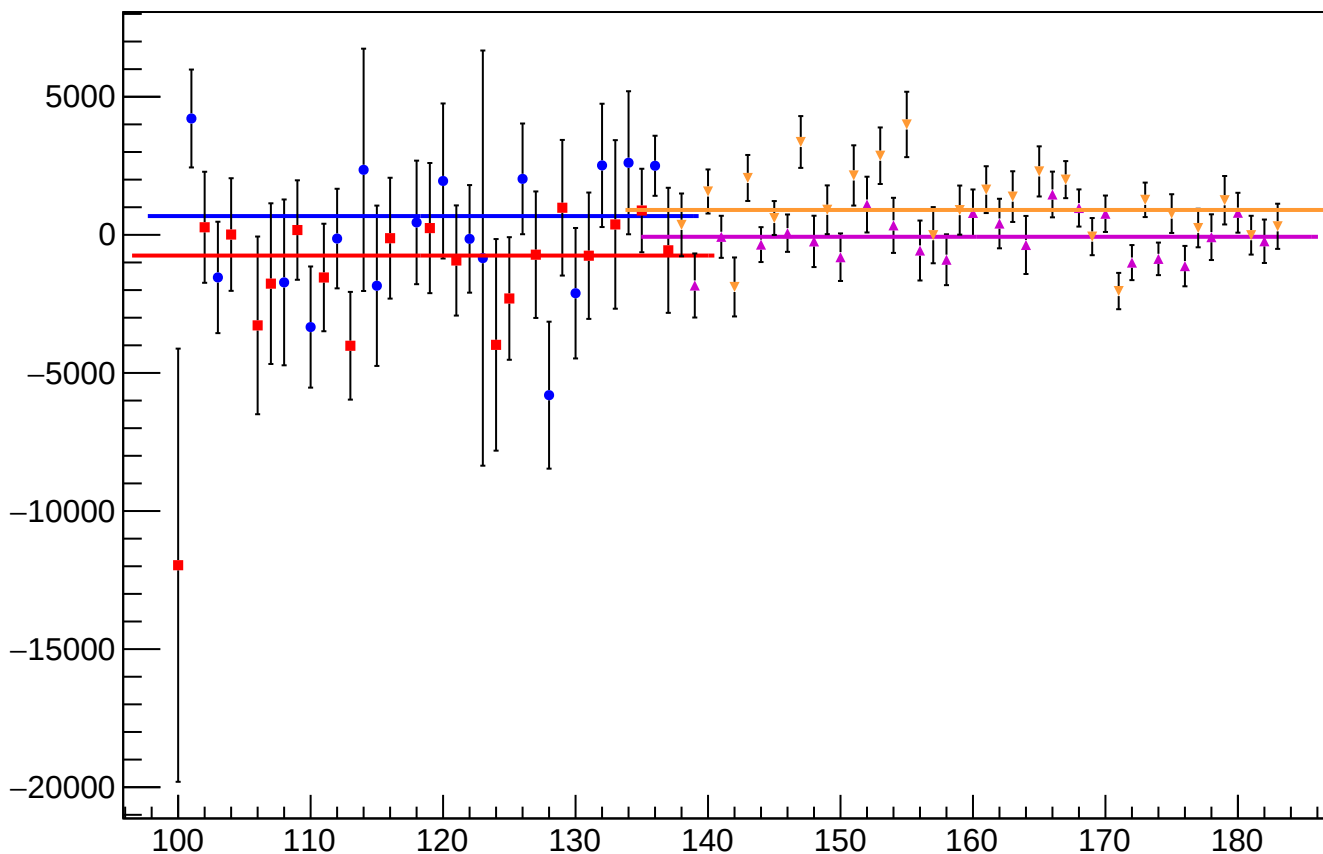
Right: 1329.578 ± 0.259 χ^2/NDF : 1007796.5/35

In: 744.579 ± 0.113 χ^2/NDF : 4268159.3/38

Out: 748.117 ± 0.111 χ^2/NDF : 4739753.8/42

All: 746.382 ± 0.079 χ^2/NDF : 9008414.7/81

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2 /NDF: 22.6/16

Left Out: 901.336 $\pm$ 165.548 χ^2 /NDF:61.1/23

Right Out: -749.718 $\pm$ 516.198 χ^2 /NDF: 9.7/18

Left In: -69.984 $\pm$ 168.056 χ^2 /NDF:22.3/21

Left: 422.980 $\pm$ 117.937 χ^2 /NDF: 100.4/45

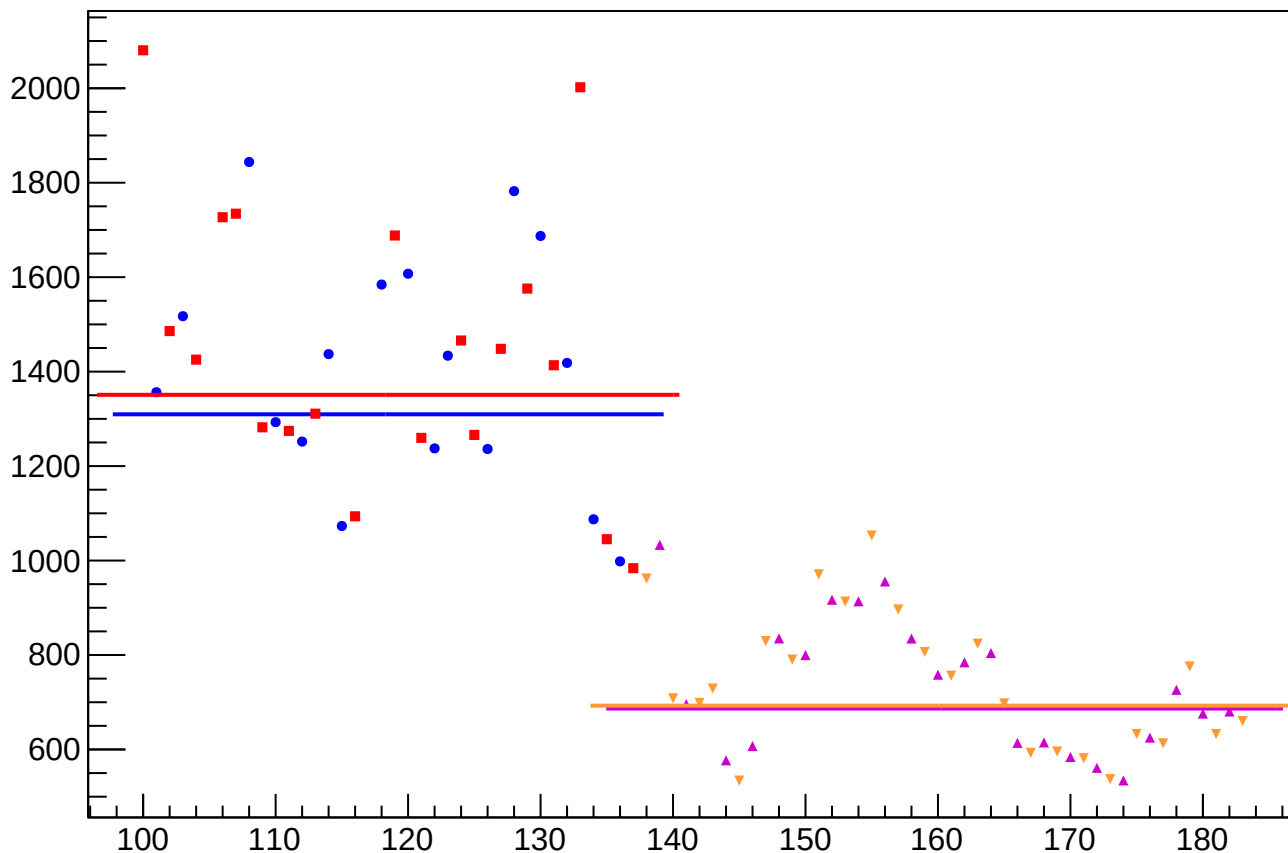
Right: -36.709 $\pm$ 365.469 χ^2 /NDF: 36.1/35

In: 1.555 $\pm$ 159.840 χ^2 /NDF:46.7/38

Out: 747.358 $\pm$ 157.639 χ^2 /NDF:80.1/42

All: 379.625 $\pm$ 112.238 χ^2 /NDF: 137.9/81

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654+/-0.366 χ^2/NDF : 459314.8/16

Left Out: 692.752+/-0.117 χ^2/NDF : 1234649.1/23

Right Out: 1350.942+/-0.365 χ^2/NDF : 422723.4/18

Left In: 686.580+/-0.119 χ^2/NDF : 1115447.5/21

Left: 689.713+/-0.083 χ^2/NDF : 2351465.8/45

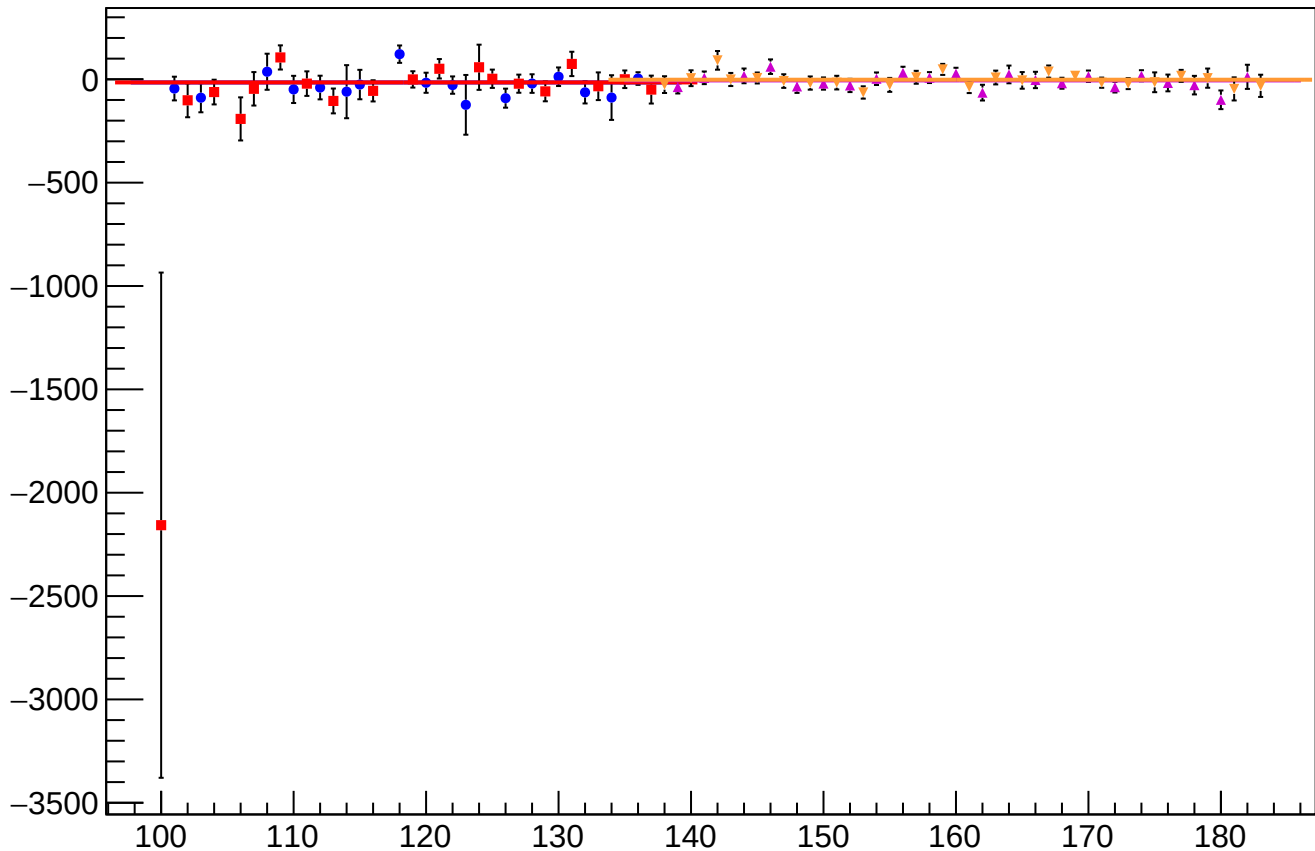
Right: 1330.350+/-0.258 χ^2/NDF : 888419.4/35

In: 746.019+/-0.113 χ^2/NDF : 4197371.9/38

Out: 754.135+/-0.111 χ^2/NDF : 4605745.1/42

All: 750.134+/-0.079 χ^2/NDF : 8805731.0/81

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: -2.044 ± 6.638 χ^2/NDF : 19.8/23

Right Out: -15.085 ± 13.097 χ^2/NDF : 21.3/18

Left In: -5.368 ± 6.886 χ^2/NDF : 20.8/21

Left: -3.645 ± 4.779 χ^2/NDF : 40.7/45

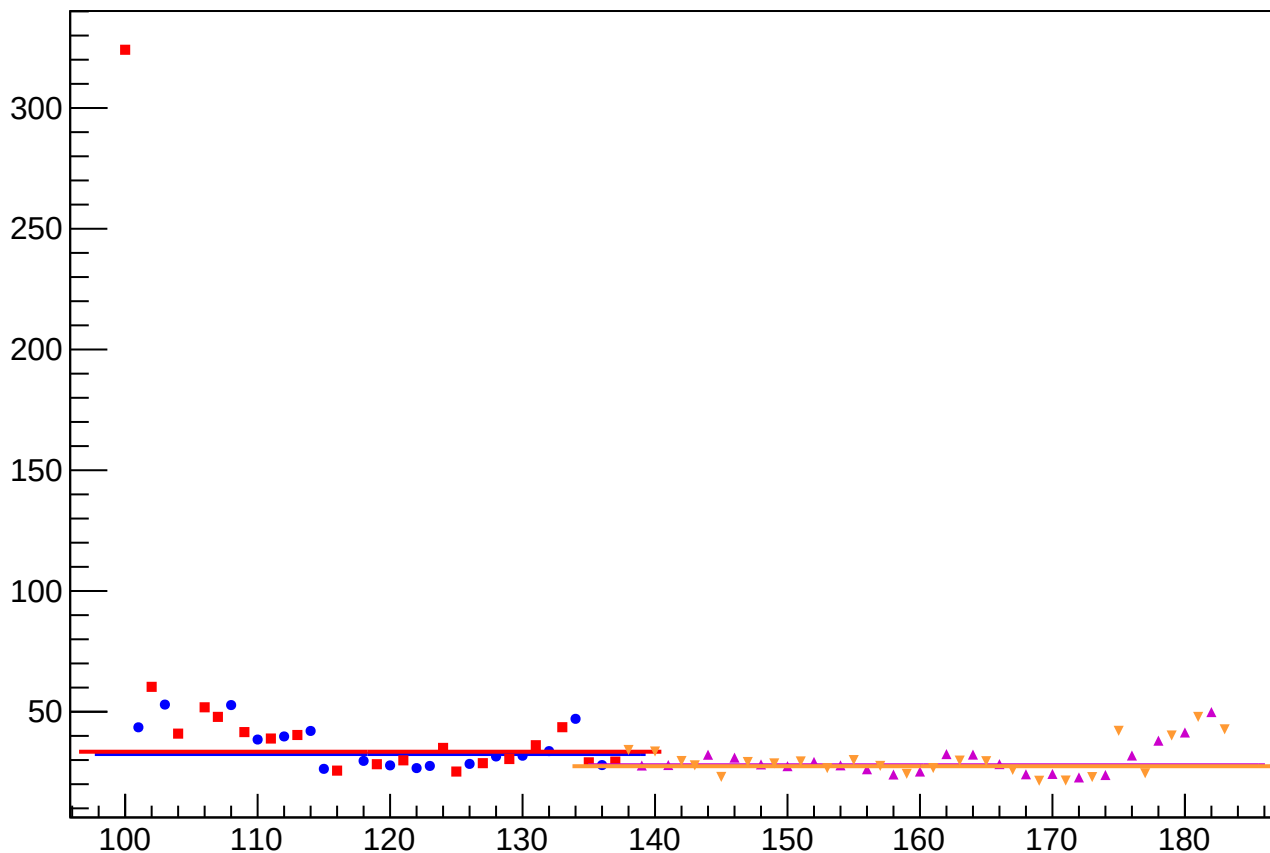
Right: -15.184 ± 9.193 χ^2/NDF : 39.6/35

In: -7.564 ± 6.075 χ^2/NDF : 39.5/38

Out: -4.710 ± 5.921 χ^2/NDF : 41.8/42

All: -6.100 ± 4.240 χ^2/NDF : 81.5/81

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2 /NDF: 594480.9/16

Left Out: 27.444 $\pm$ 0.005 χ^2 /NDF: 1325331.9/23

Right Out: 33.444 $\pm$ 0.009 χ^2 /NDF: 838344.2/18

Left In: 27.839 $\pm$ 0.005 χ^2 /NDF: 947857.6/21

Left: 27.634 $\pm$ 0.003 χ^2 /NDF: 2276601.0/45

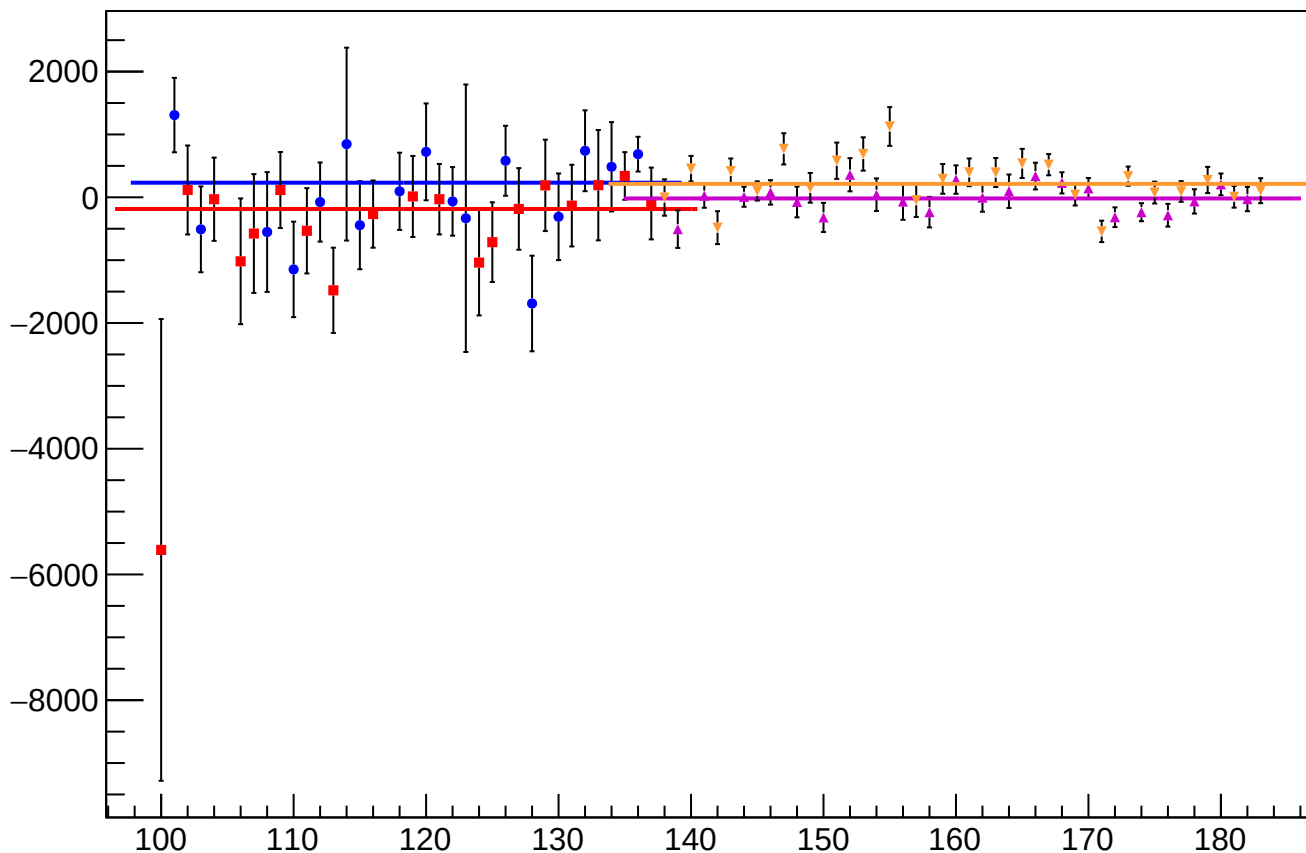
Right: 32.960 $\pm$ 0.007 χ^2 /NDF: 1438223.6/35

In: 28.869 $\pm$ 0.004 χ^2 /NDF: 1744433.7/38

Out: 28.670 $\pm$ 0.004 χ^2 /NDF: 2497724.0/42

All: 28.767 $\pm$ 0.003 χ^2 /NDF: 4243255.9/81

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 $\pm$ 148.607 χ^2 /NDF: 21.5/16

Left Out: 213.564 $\pm$ 41.586 χ^2 /NDF:61.3/23

Right Out: -186.198 $\pm$ 149.878 χ^2 /NDF: 11.8/18

Left In: -18.167 $\pm$ 42.559 χ^2 /NDF:25.4/21

Left: 100.376 $\pm$ 29.744 χ^2 /NDF: 101.9/45

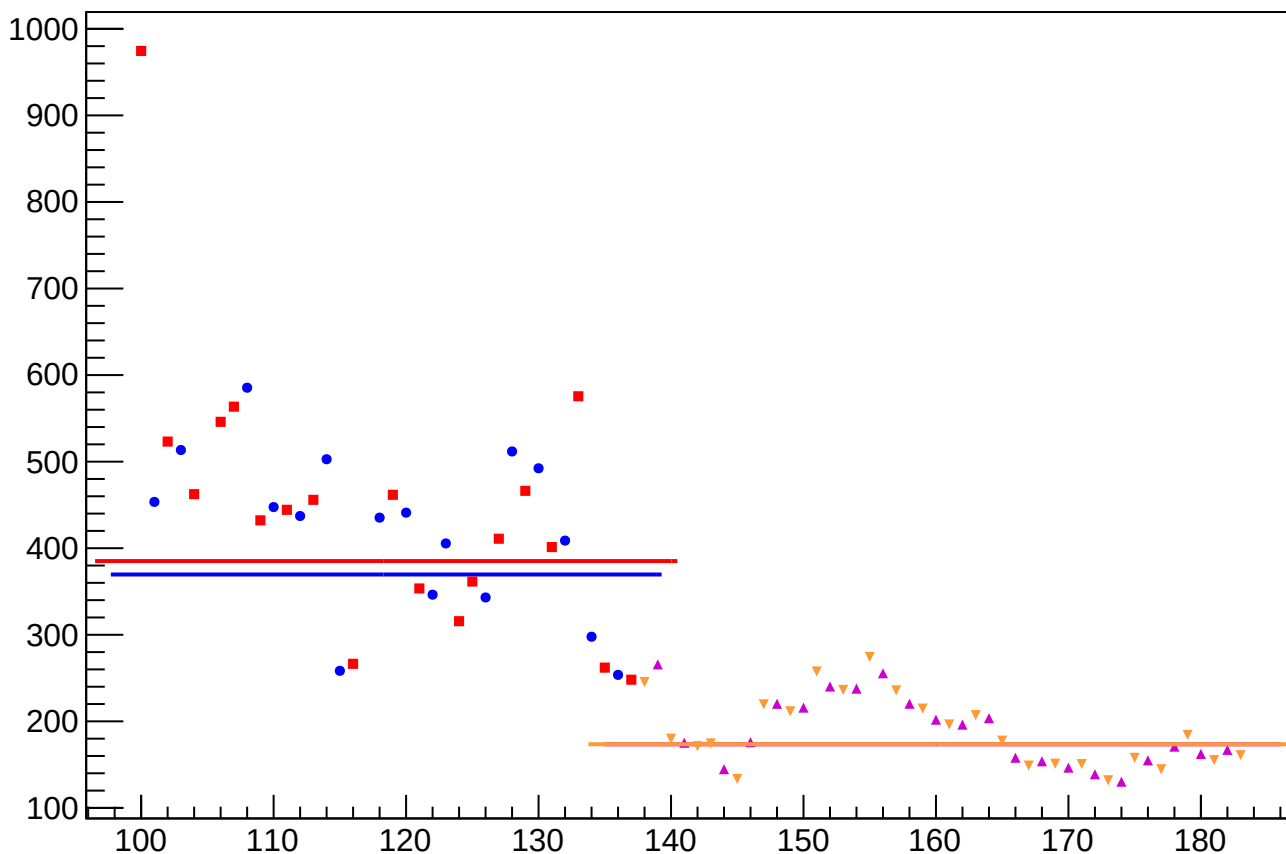
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 0.821 $\pm$ 40.914 χ^2 /NDF:49.5/38

Out: 184.987 $\pm$ 40.072 χ^2 /NDF:79.7/42

All: 94.817 $\pm$ 28.628 χ^2 /NDF: 139.5/81

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650 $\pm$ 0.105 χ^2 /NDF: 902775.2/16

Left Out: 173.538 $\pm$ 0.029 χ^2 /NDF: 1488115.2/23

Right Out: 385.154 $\pm$ 0.106 χ^2 /NDF: 926572.0/18

Left In: 173.451 $\pm$ 0.030 χ^2 /NDF: 1362238.8/21

Left: 173.495 $\pm$ 0.021 χ^2 /NDF: 2850358.4/45

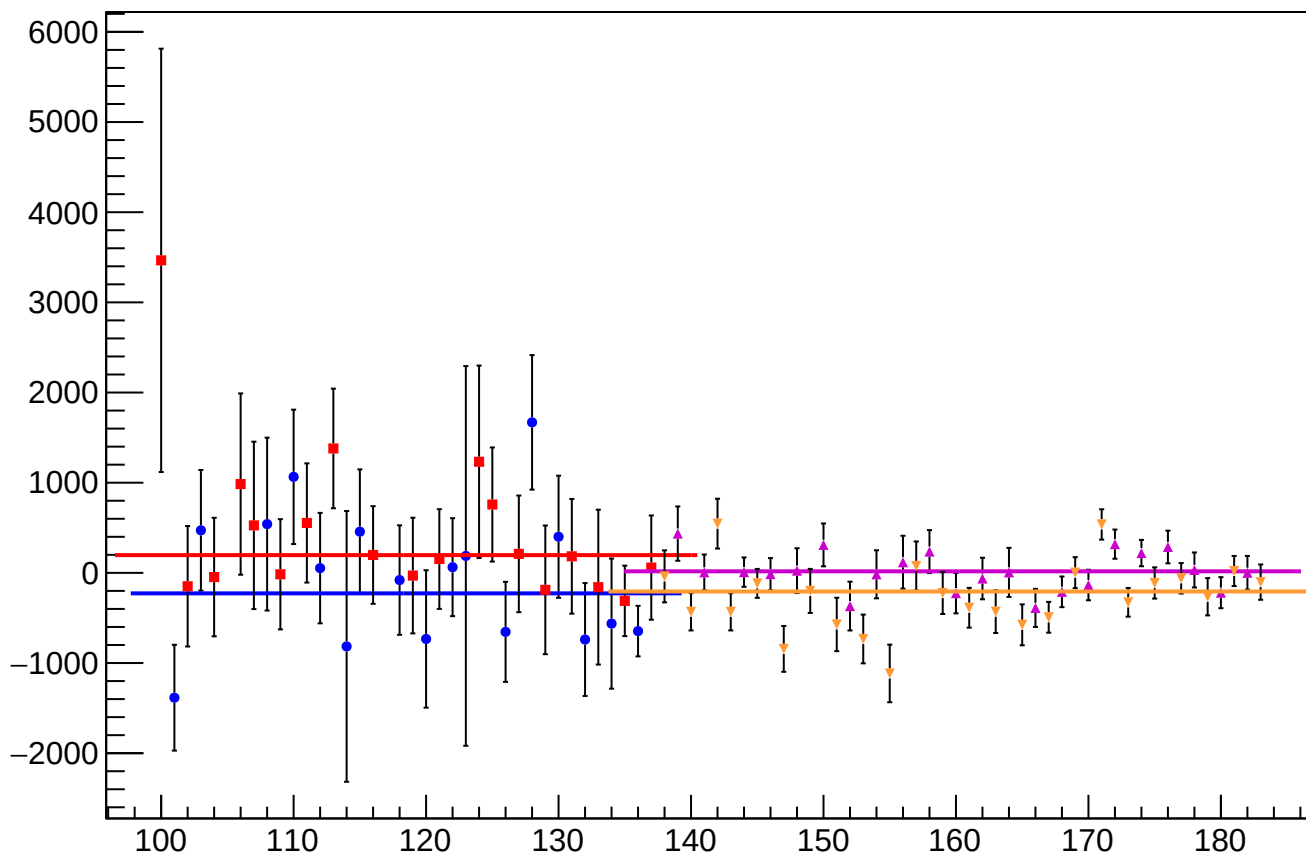
Right: 377.336 $\pm$ 0.075 χ^2 /NDF: 1840139.7/35

In: 188.322 $\pm$ 0.029 χ^2 /NDF: 5486905.4/38

Out: 188.665 $\pm$ 0.028 χ^2 /NDF: 6116727.6/42

All: 188.497 $\pm$ 0.020 χ^2 /NDF: 11603704.7/81

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 χ^2/NDF : 21.8/16

Left Out: -206.573 ± 42.101 χ^2/NDF : 63.0/23

Right Out: 196.753 ± 150.178 χ^2/NDF : 10.7/18

Left In: 17.085 ± 42.821 χ^2/NDF : 23.6/21

Left: -96.640 ± 30.021 χ^2/NDF : 100.5/45

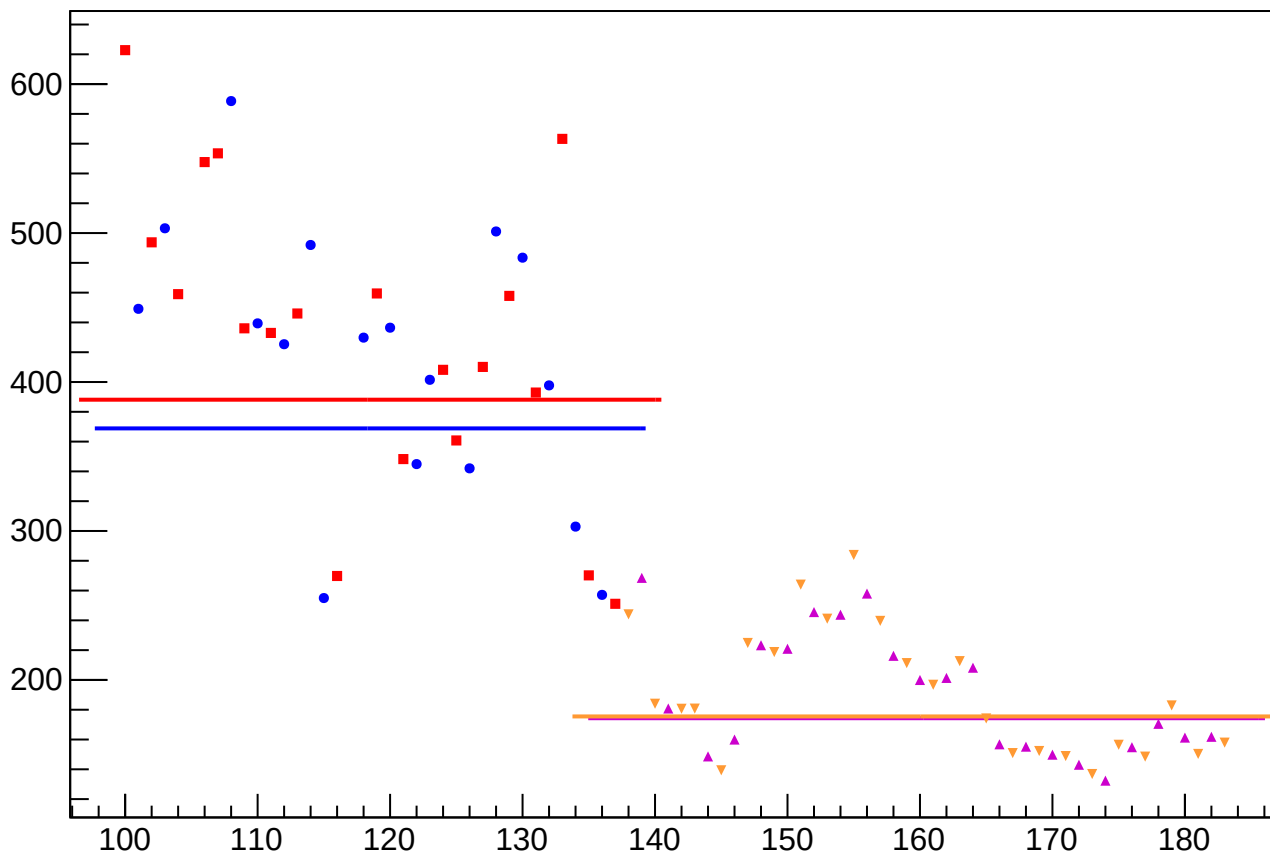
Right: -18.470 ± 105.386 χ^2/NDF : 36.6/35

In: -1.809 ± 41.132 χ^2/NDF : 47.9/38

Out: -177.185 ± 40.538 χ^2/NDF : 80.5/42

All: -90.772 ± 28.873 χ^2/NDF : 137.6/81

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.864 $\pm$ 0.105 χ^2 /NDF: 829732.0/16

Left Out: 175.495 $\pm$ 0.030 χ^2 /NDF: 1496037.6/23

Right Out: 388.129 $\pm$ 0.106 χ^2 /NDF: 778176.0/18

Left In: 174.301 $\pm$ 0.030 χ^2 /NDF: 1364172.0/21

Left: 174.908 $\pm$ 0.021 χ^2 /NDF: 2861001.2/45

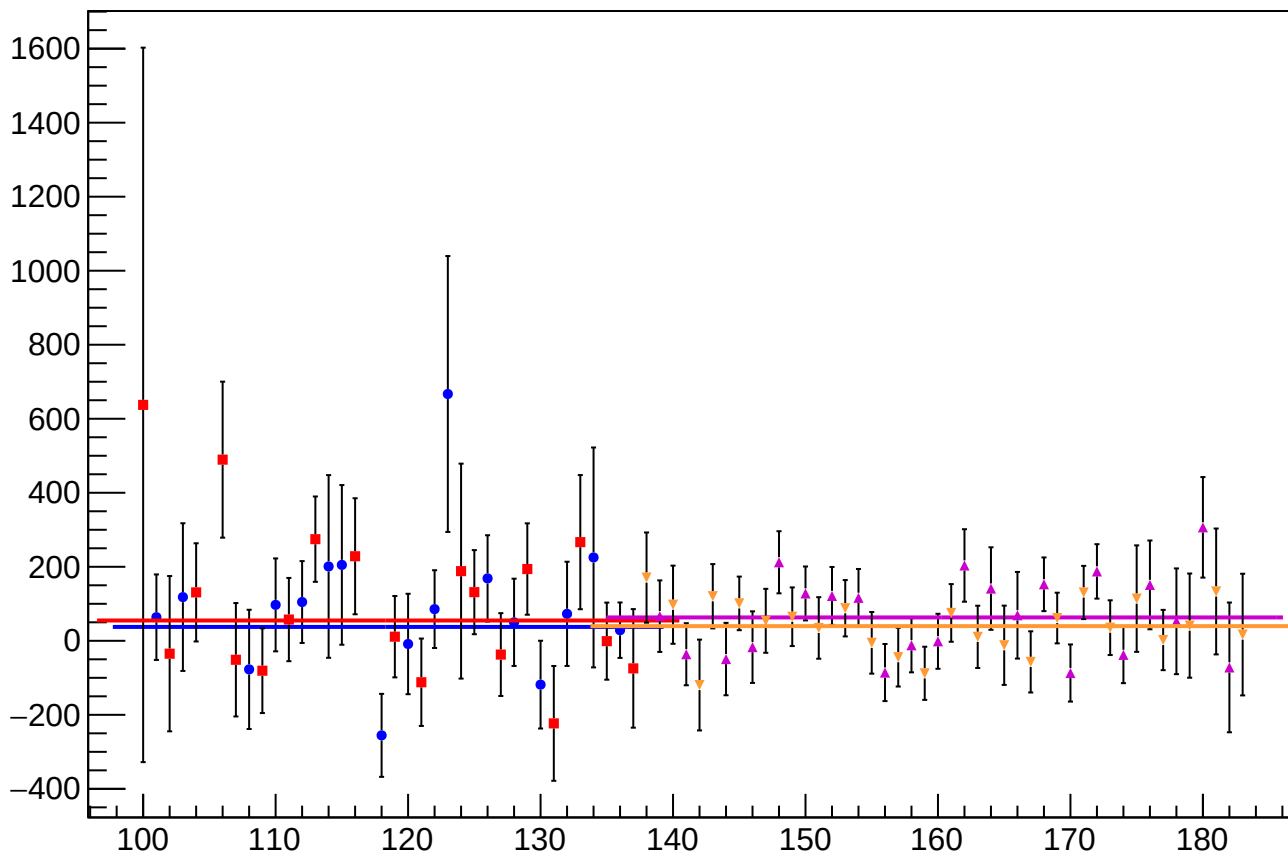
Right: 378.351 $\pm$ 0.075 χ^2 /NDF: 1624614.1/35

In: 189.344 $\pm$ 0.029 χ^2 /NDF: 5386400.9/38

Out: 190.989 $\pm$ 0.029 χ^2 /NDF: 5991488.4/42

All: 190.179 $\pm$ 0.020 χ^2 /NDF: 11379511.2/83

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 39.642 $\pm$ 17.947 χ^2 /NDF:14.3/23

Right Out: 54.894 $\pm$ 31.473 χ^2 /NDF: 22.2/18

Left In: 63.166 $\pm$ 18.792 χ^2 /NDF:30.7/21

Left: 50.863 $\pm$ 12.979 χ^2 /NDF: 45.8/45

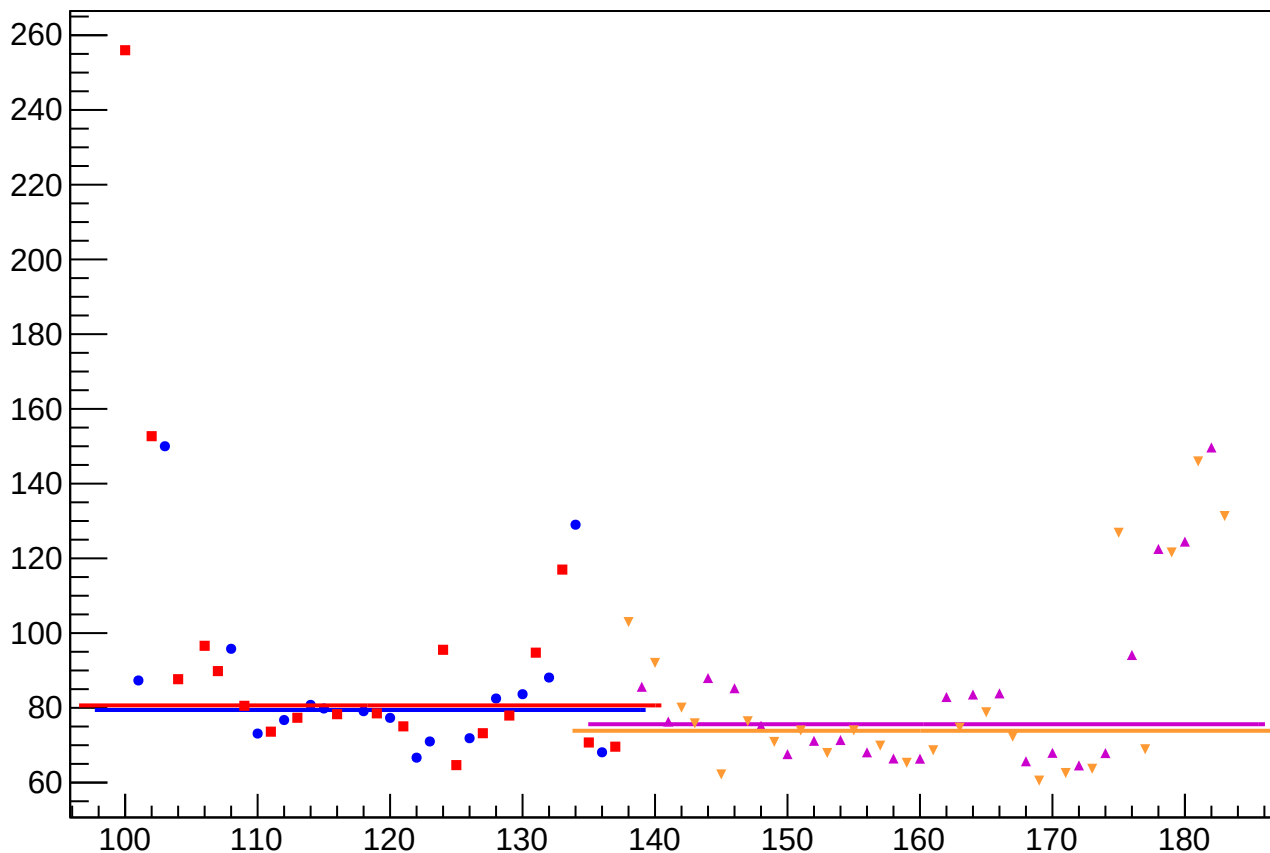
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 56.426 $\pm$ 16.133 χ^2 /NDF:47.1/38

Out: 43.385 $\pm$ 15.590 χ^2 /NDF:36.6/42

All: 49.682 $\pm$ 11.211 χ^2 /NDF: 84.0/81

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421+/-0.022 χ^2/NDF : 439047.1/16

Left Out: 73.863+/-0.013 χ^2/NDF :1571395.3/23

Right Out: 80.652+/-0.022 χ^2/NDF : 520439.8/18

Left In: 75.612+/-0.013 χ^2/NDF :1223903.9/21

Left: 74.697+/-0.009 χ^2/NDF : 2804364.9/45

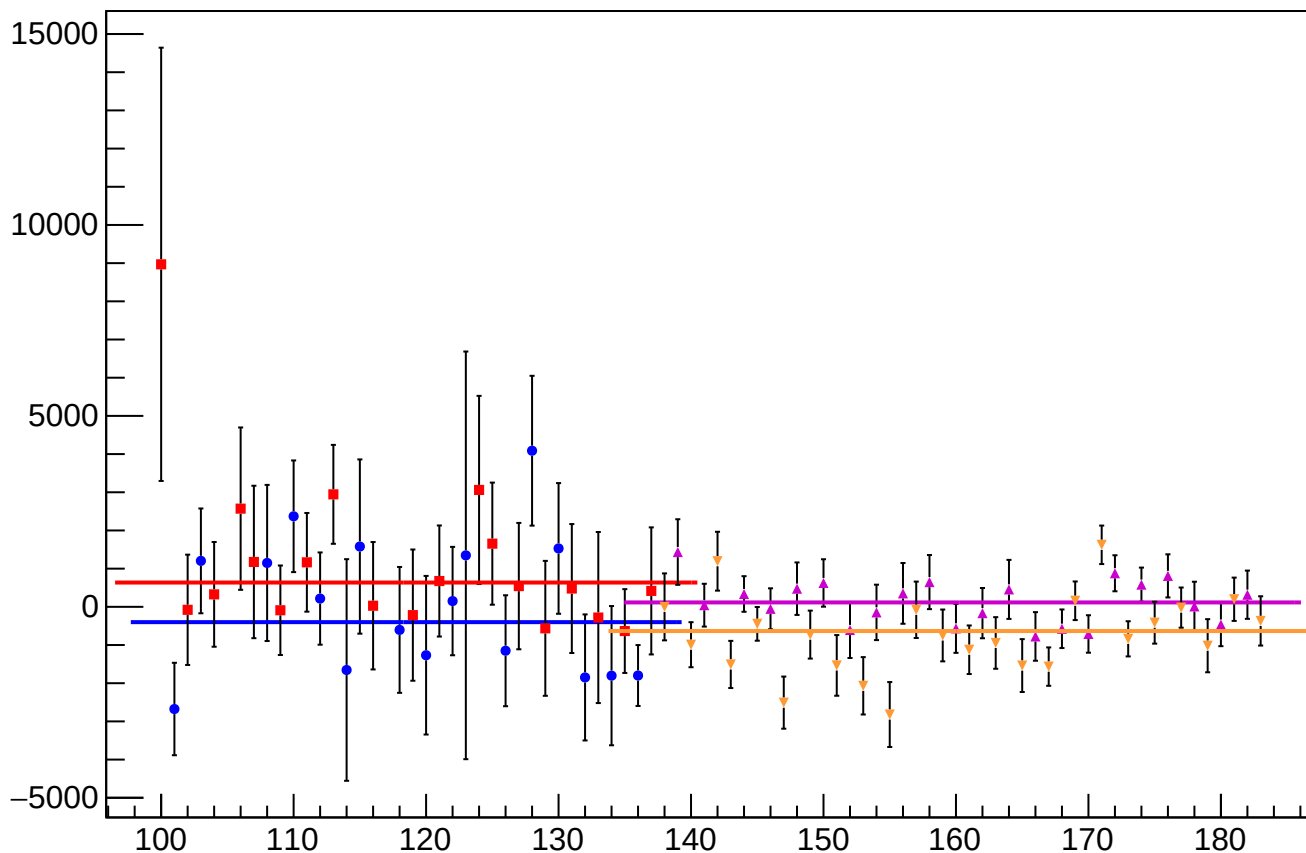
Right: 80.036+/-0.016 χ^2/NDF : 961016.5/35

In: 76.614+/-0.011 χ^2/NDF :1684560.6/38

Out: 75.529+/-0.011 χ^2/NDF :2162068.3/42

All: 76.053+/-0.008 χ^2/NDF : 3851308.9/81

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -633.902+/-124.197 χ^2/NDF : 61.2/23

Right Out: 636.133+/-362.923 χ^2/NDF : 10.8/18

Left In: 115.332+/-126.699 χ^2/NDF : 20.0/21

Left: -266.756+/-88.692 χ^2/NDF : 99.0/45

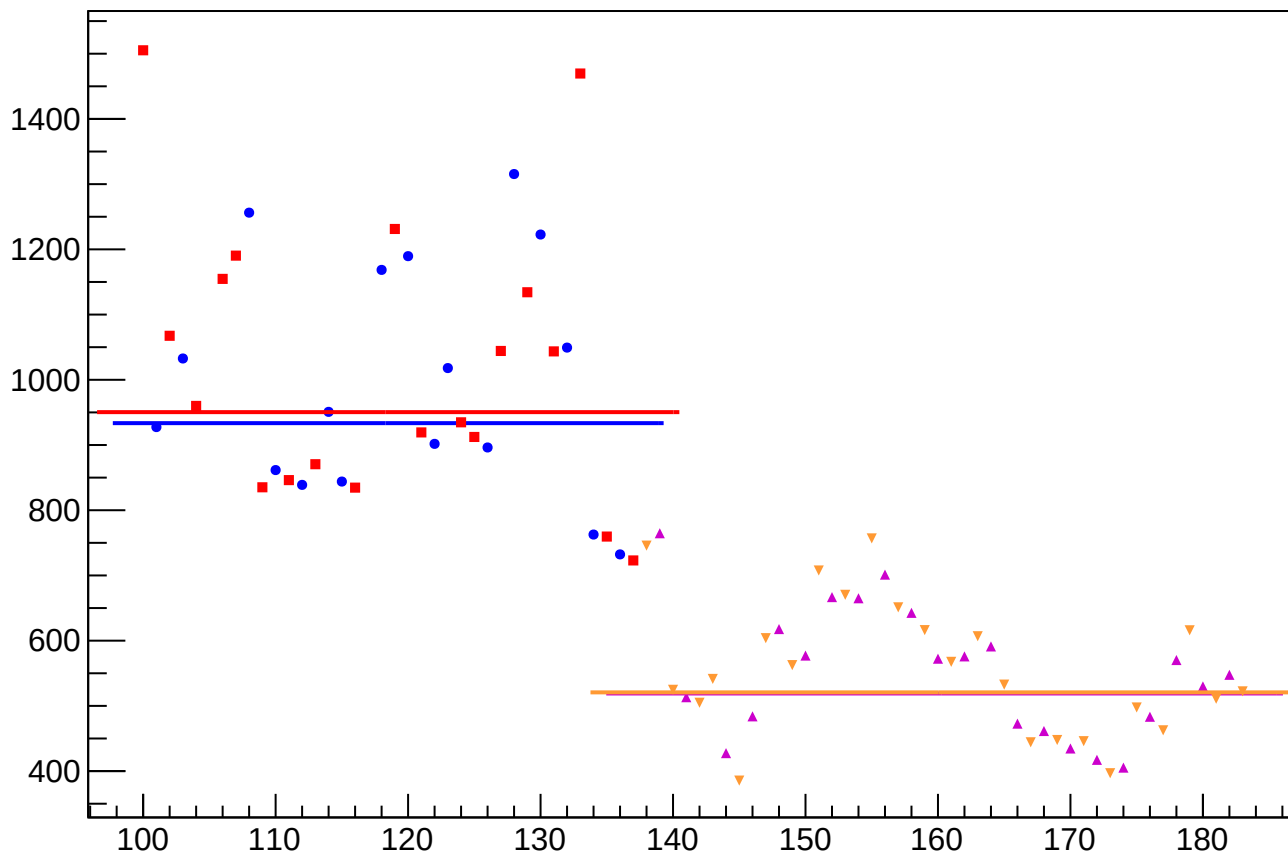
Right: 125.423+/-258.567 χ^2/NDF : 36.8/35

In: 60.736+/-119.814 χ^2/NDF : 43.6/38

Out: -500.761+/-117.507 χ^2/NDF : 83.0/42

All: -225.470+/-83.894 χ^2/NDF : 137.9/81

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 $\pm$ 0.261 χ^2/NDF : 442321.9/16

Left Out: 520.718 $\pm$ 0.088 χ^2/NDF : 1194322.8/23

Right Out: 950.411 $\pm$ 0.257 χ^2/NDF : 424360.9/18

Left In: 519.026 $\pm$ 0.090 χ^2/NDF : 1026151.7/21

Left: 519.889 $\pm$ 0.063 χ^2/NDF : 2220656.3/45

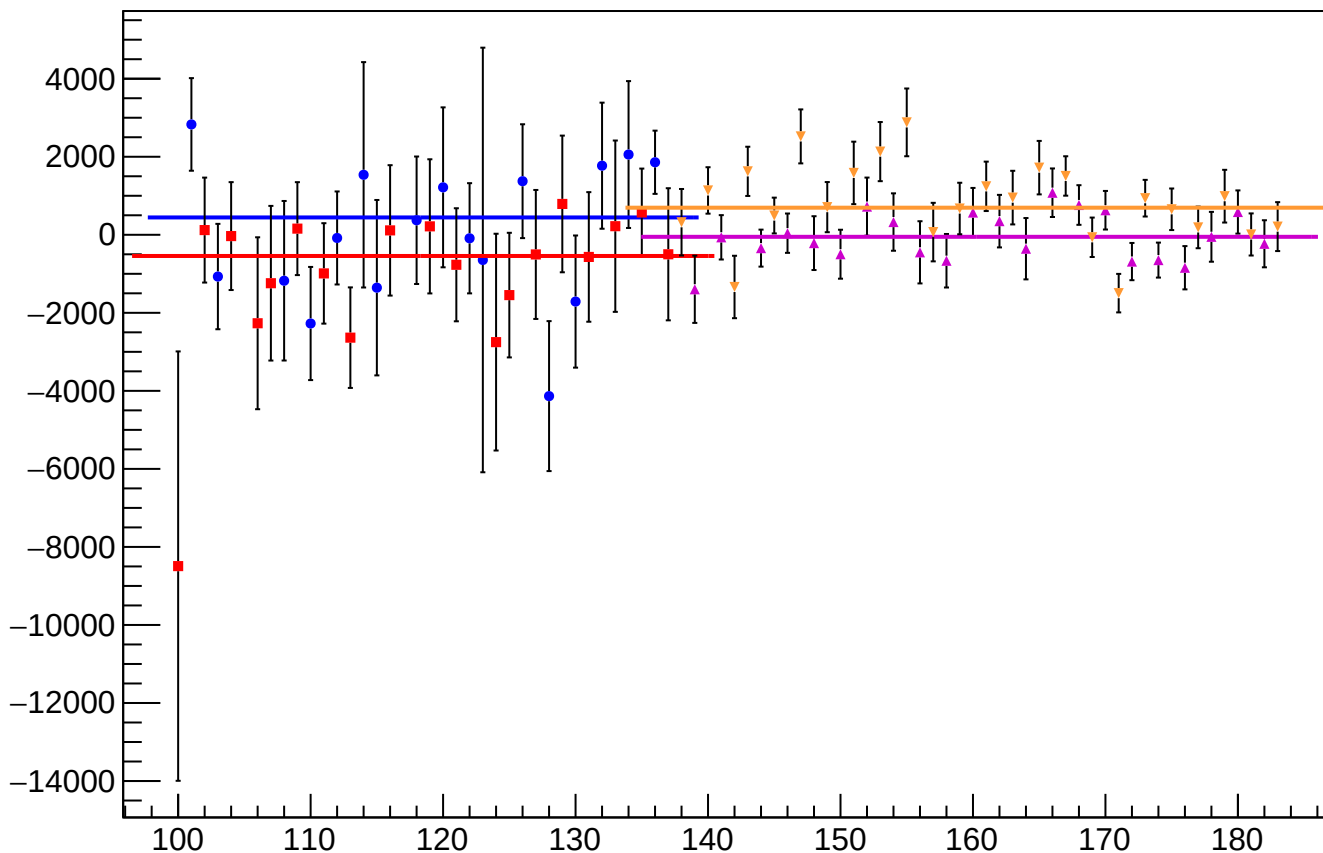
Right: 942.099 $\pm$ 0.183 χ^2/NDF : 868813.4/35

In: 562.851 $\pm$ 0.085 χ^2/NDF : 3731712.5/38

Out: 565.764 $\pm$ 0.083 χ^2/NDF : 4128391.1/42

All: 564.335 $\pm$ 0.059 χ^2/NDF : 7860706.3/81

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 694.505+/-124.355 χ^2/NDF : 59.7/23

Right Out: -543.026+/-363.317 χ^2/NDF : 9.4/18

Left In: -51.907+/-126.197 χ^2/NDF : 22.0/21

Left: 326.784+/-88.576 χ^2/NDF : 99.5/45

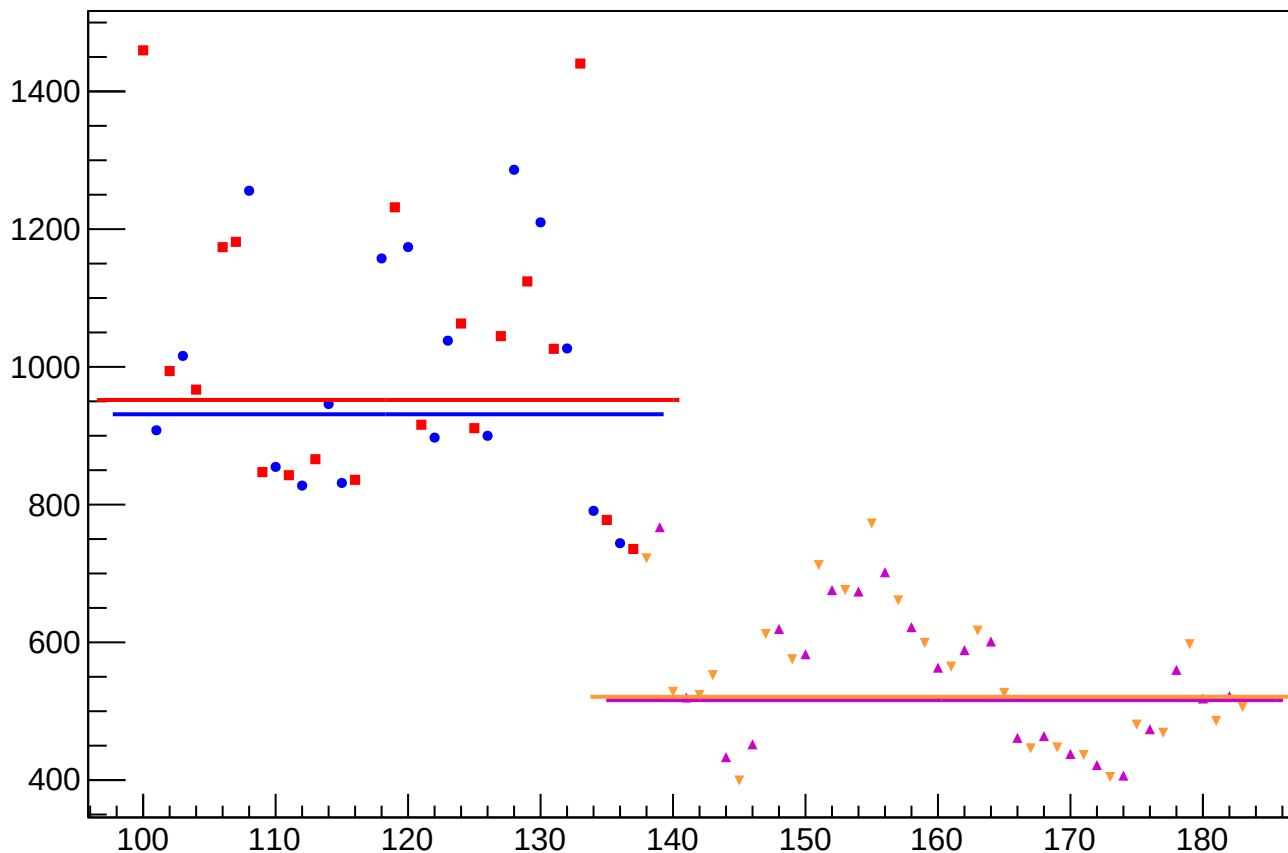
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: 0.574+/-119.342 χ^2/NDF : 46.6/38

Out: 564.727+/-117.654 χ^2/NDF : 79.4/42

All: 286.668+/-83.784 χ^2/NDF : 137.4/81

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2 /NDF: 400242.2/16

Left Out: 521.015 $\pm$ 0.088 χ^2 /NDF:1152579.9/23

Right Out: 951.963 $\pm$ 0.257 χ^2 /NDF: 382648.6/18

Left In: 516.181 $\pm$ 0.089 χ^2 /NDF:1034682.1/21

Left: 518.634 $\pm$ 0.063 χ^2 /NDF: 2188750.8/45

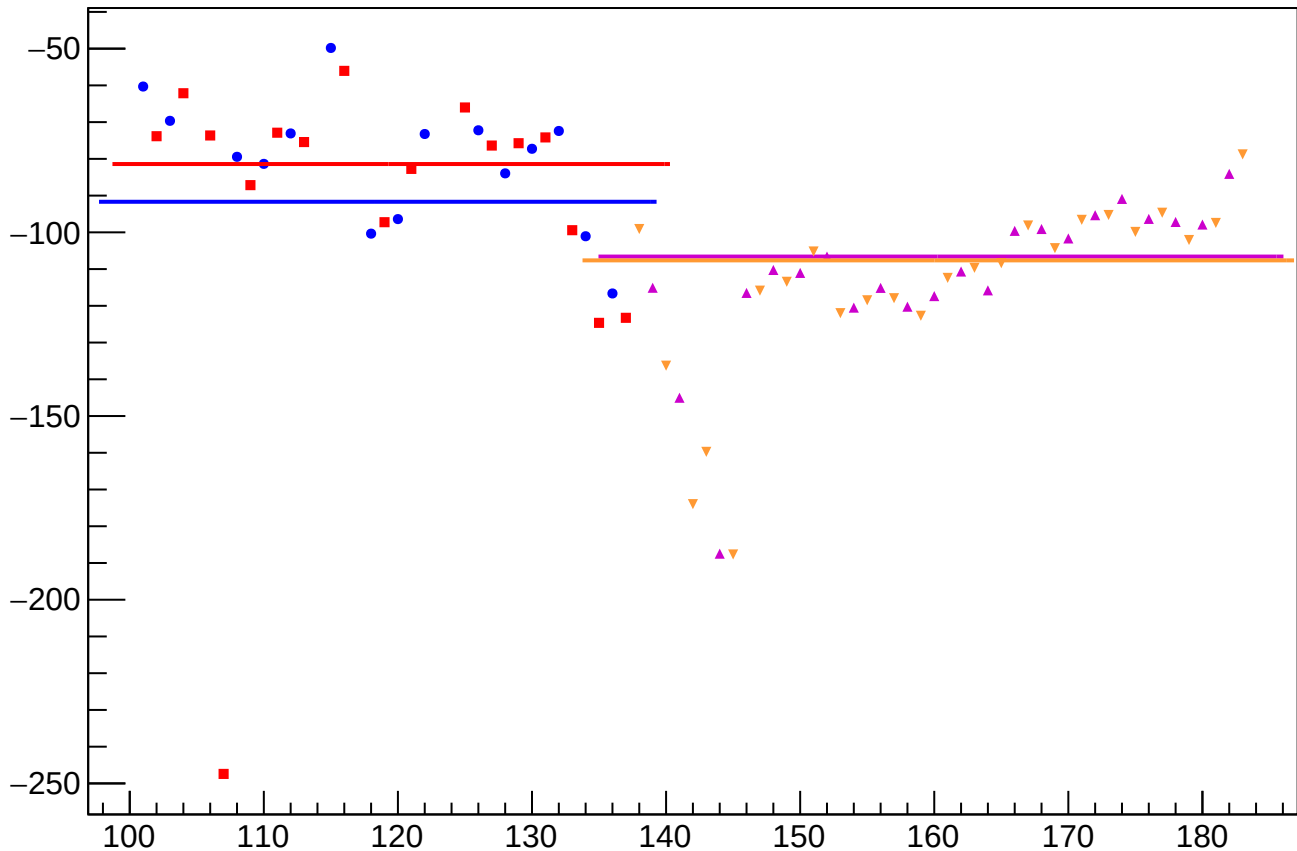
Right: 941.690 $\pm$ 0.183 χ^2 /NDF: 786122.1/35

In: 560.044 $\pm$ 0.084 χ^2 /NDF:3721020.6/38

Out: 566.208 $\pm$ 0.083 χ^2 /NDF:4054031.5/42

All: 563.170 $\pm$ 0.059 χ^2 /NDF: 7777758.1/81

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 $\chi^2/\text{NDF}: 64621.9/14$

Left Out: -107.631 ± 0.051 $\chi^2/\text{NDF}: 78570.5/23$

Right Out: -81.406 ± 0.098 $\chi^2/\text{NDF}: 41708.8/16$

Left In: -106.594 ± 0.047 $\chi^2/\text{NDF}: 115215.7/21$

Left: -107.068 ± 0.034 $\chi^2/\text{NDF}: 194013.2/45$

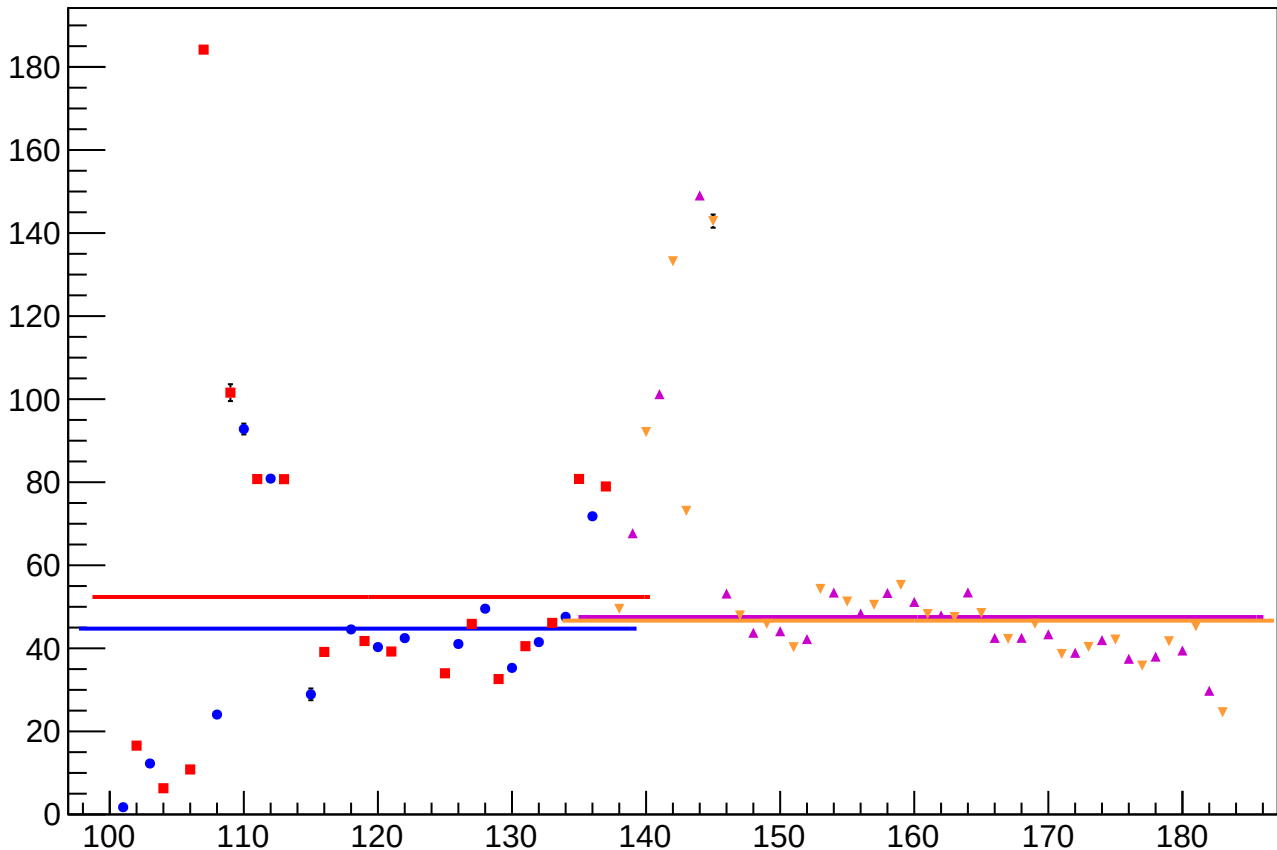
Right: -88.221 ± 0.057 $\chi^2/\text{NDF}: 113551.1/31$

In: -102.029 ± 0.039 $\chi^2/\text{NDF}: 211220.6/36$

Out: -102.127 ± 0.045 $\chi^2/\text{NDF}: 176324.8/40$

All: -102.071 ± 0.029 $\chi^2/\text{NDF}: 387548.1/77$

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 46.668+/-0.043 χ^2/NDF : 71029.9/23

Right Out: 52.367+/-0.113 χ^2/NDF : 69285.2/16

Left In: 47.542+/-0.041 χ^2/NDF : 149158.6/21

Left: 47.126+/-0.030 χ^2/NDF : 220407.2/45

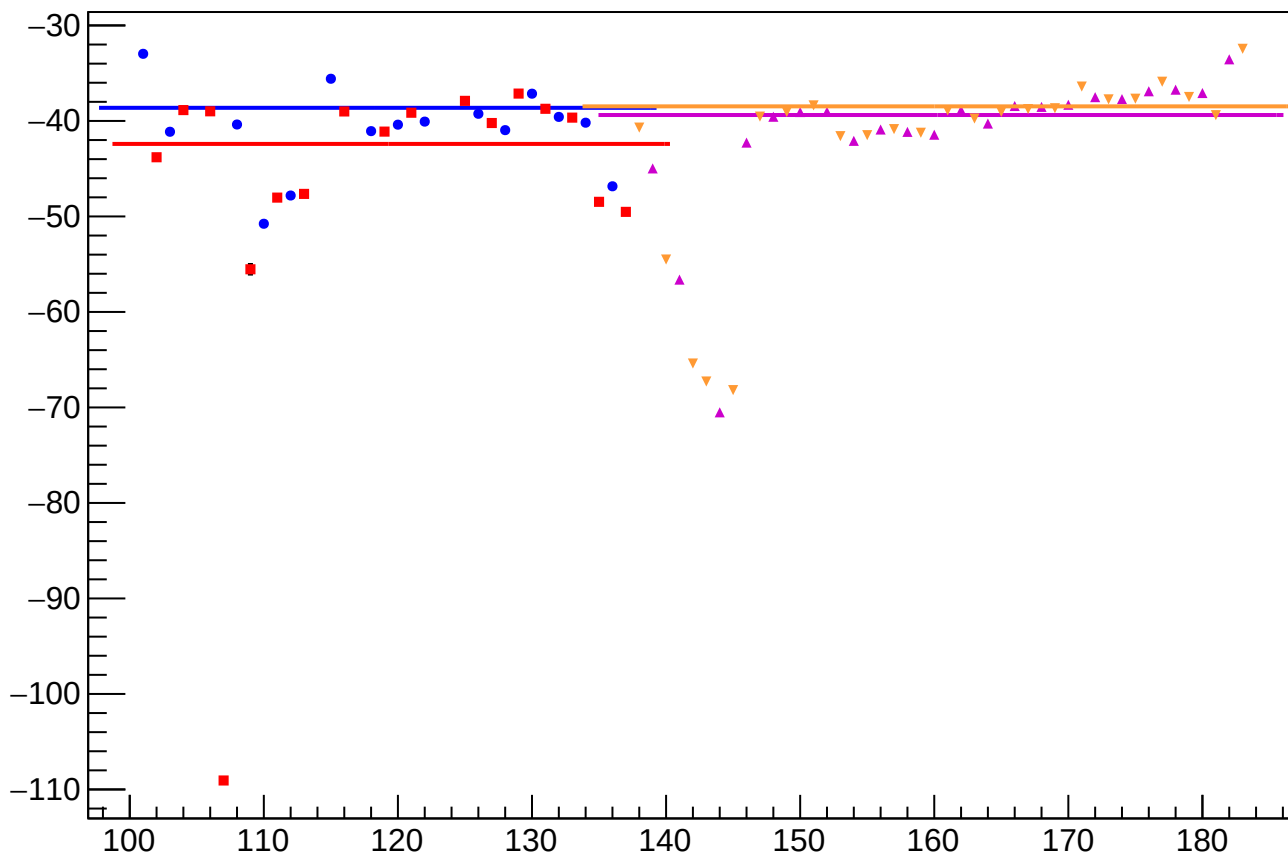
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 46.670+/-0.034 χ^2/NDF : 235323.8/36

Out: 47.387+/-0.040 χ^2/NDF : 142554.8/40

All: 46.969+/-0.026 χ^2/NDF : 378066.2/77

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 $\chi^2/\text{NDF}: 240108.7/14$

Left Out: -38.473 ± 0.006 $\chi^2/\text{NDF}: 494789.2/23$

Right Out: -42.406 ± 0.021 $\chi^2/\text{NDF}: 269138.5/16$

Left In: -39.379 ± 0.007 $\chi^2/\text{NDF}: 221956.9/21$

Left: -38.851 ± 0.005 $\chi^2/\text{NDF}: 726562.5/45$

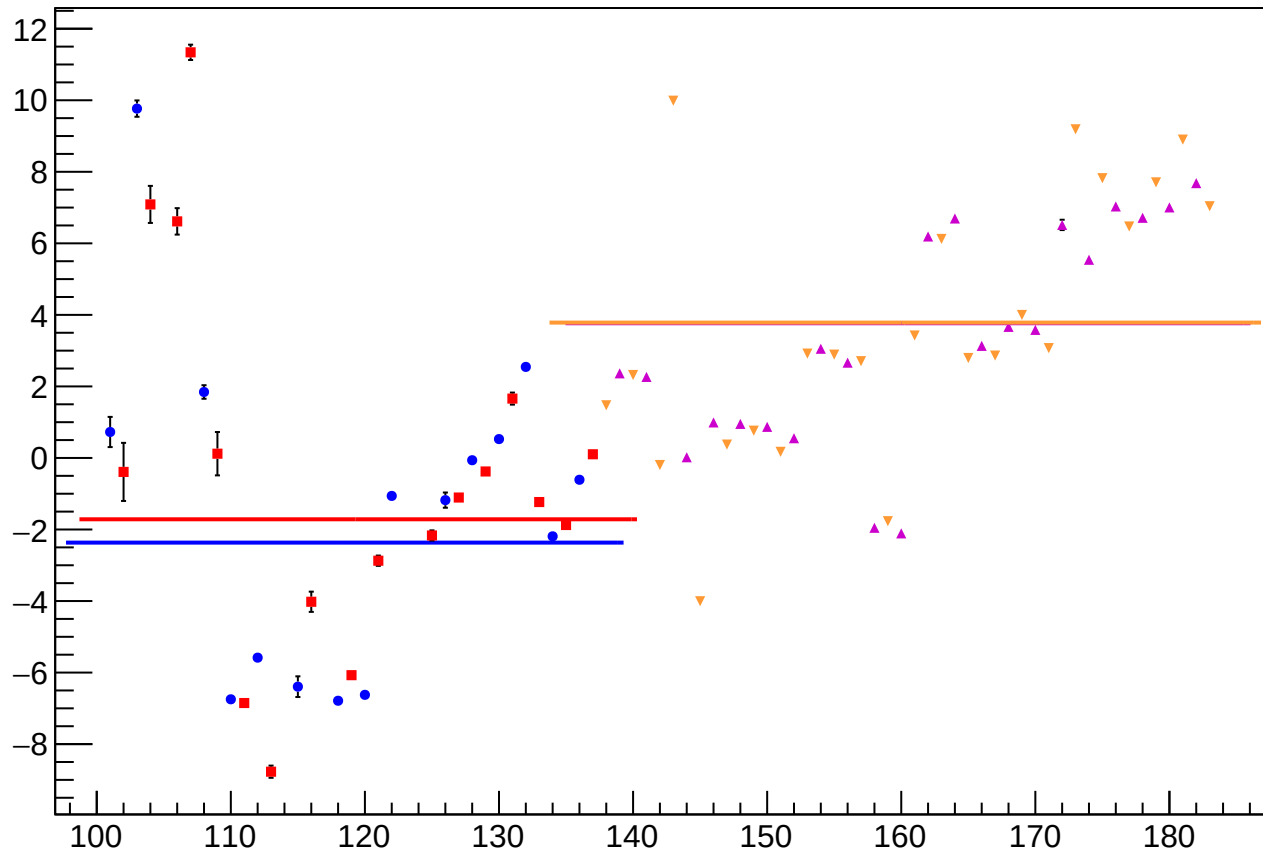
Right: -39.121 ± 0.008 $\chi^2/\text{NDF}: 536660.1/31$

In: -39.065 ± 0.005 $\chi^2/\text{NDF}: 466918.7/36$

Out: -38.754 ± 0.006 $\chi^2/\text{NDF}: 795628.7/40$

All: -38.920 ± 0.004 $\chi^2/\text{NDF}: 1264138.6/77$

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 3.784 ± 0.007 χ^2/NDF : 202945.6/23

Right Out: -1.715 ± 0.027 χ^2/NDF : 12719.3/16

Left In: 3.766 ± 0.006 χ^2/NDF : 226033.0/21

Left: 3.774 ± 0.005 χ^2/NDF : 428982.8/45

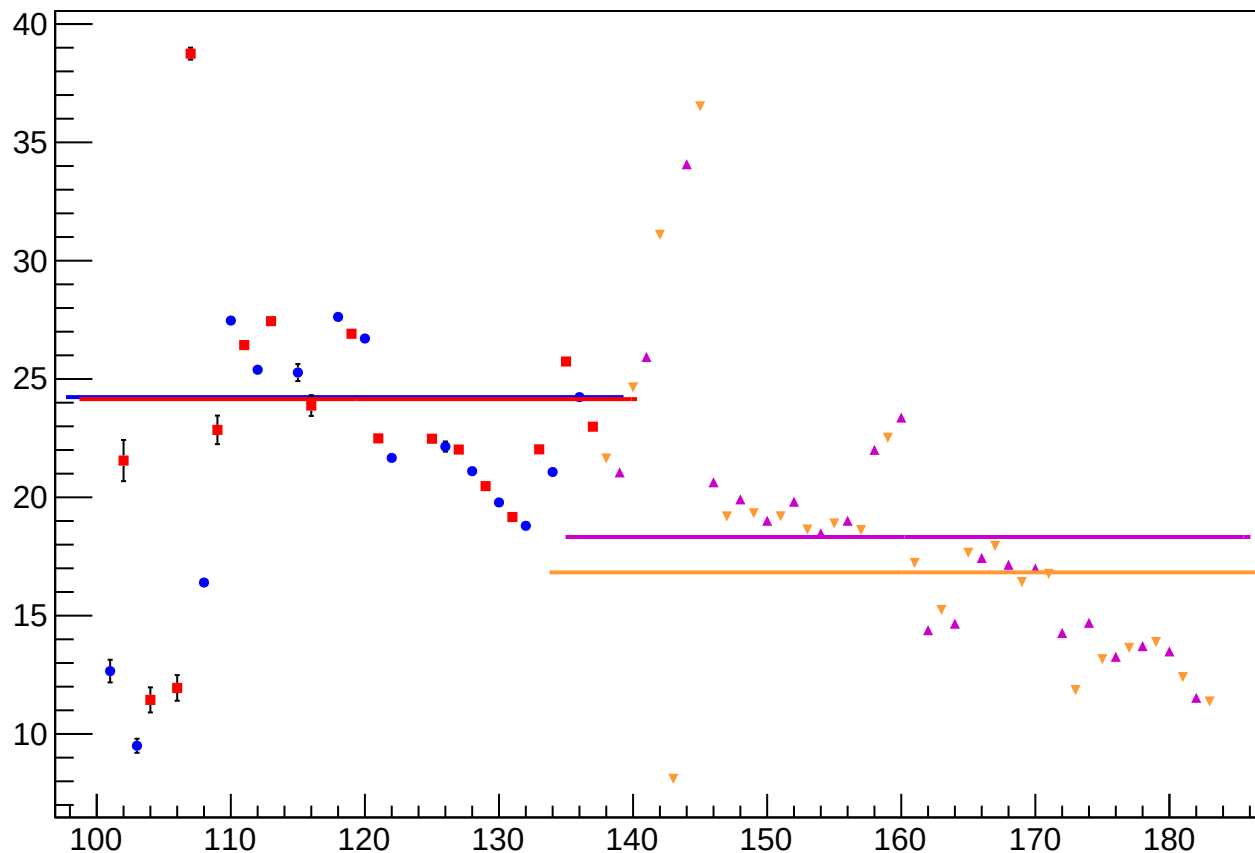
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: 2.851 ± 0.005 χ^2/NDF : 416364.8/36

Out: 3.440 ± 0.007 χ^2/NDF : 254575.2/40

All: 3.082 ± 0.004 χ^2/NDF : 675555.7/77

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 16.830 $\pm$ 0.007 χ^2 /NDF:189279.2/23

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 18.324 $\pm$ 0.007 χ^2 /NDF:231370.7/21

Left: 17.574 $\pm$ 0.005 χ^2 /NDF: 442522.3/45

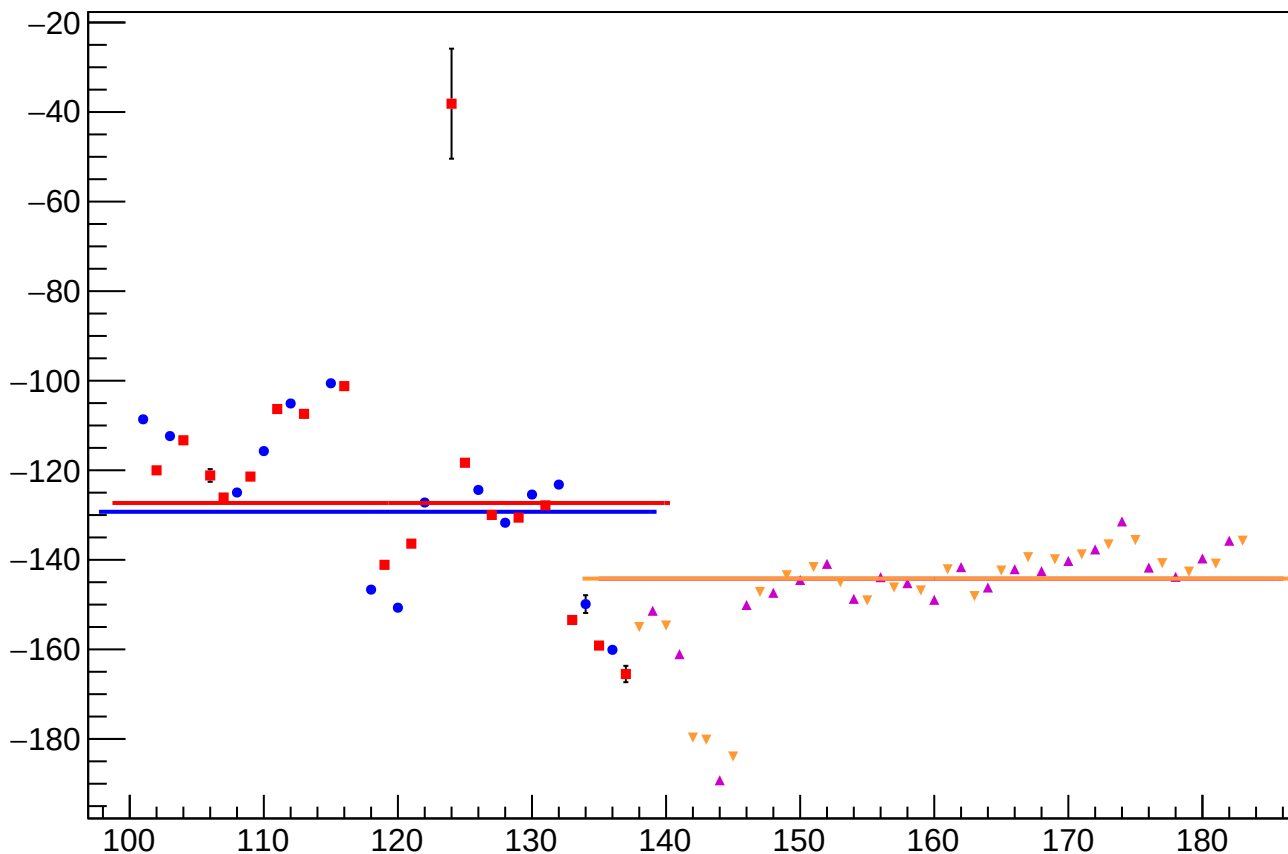
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 18.890 $\pm$ 0.007 χ^2 /NDF:318415.7/36

Out: 17.407 $\pm$ 0.007 χ^2 /NDF:285608.5/40

All: 18.152 $\pm$ 0.005 χ^2 /NDF: 627613.8/77

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 $\pm$ 0.088 χ^2/NDF : 35109.7/14

Left Out: -144.193 $\pm$ 0.042 χ^2/NDF : 43581.8/23

Right Out: -127.303 $\pm$ 0.084 χ^2/NDF : 29597.3/17

Left In: -144.204 $\pm$ 0.045 χ^2/NDF : 34648.4/21

Left: -144.198 $\pm$ 0.031 χ^2/NDF : 78230.2/45

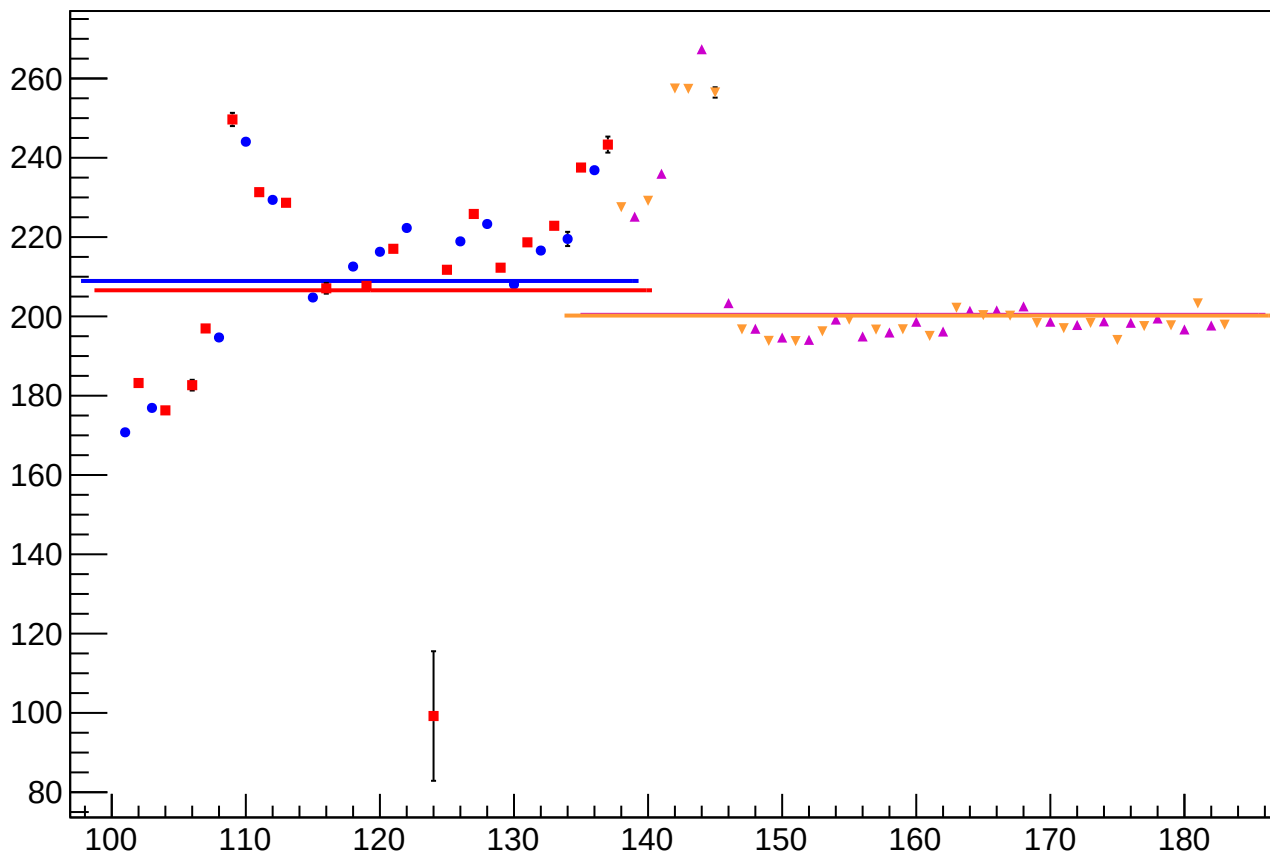
Right: -128.248 $\pm$ 0.061 χ^2/NDF : 64968.8/32

In: -141.082 $\pm$ 0.040 χ^2/NDF : 92648.1/36

Out: -140.858 $\pm$ 0.037 χ^2/NDF : 105381.4/41

All: -140.962 $\pm$ 0.027 χ^2/NDF : 198046.3/78

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2/NDF : 44684.8/14

Left Out: 200.208 $\pm$ 0.035 χ^2/NDF : 109327.2/23

Right Out: 206.581 $\pm$ 0.083 χ^2/NDF : 48210.8/17

Left In: 200.391 $\pm$ 0.039 χ^2/NDF : 77911.2/21

Left: 200.289 $\pm$ 0.026 χ^2/NDF : 187250.7/45

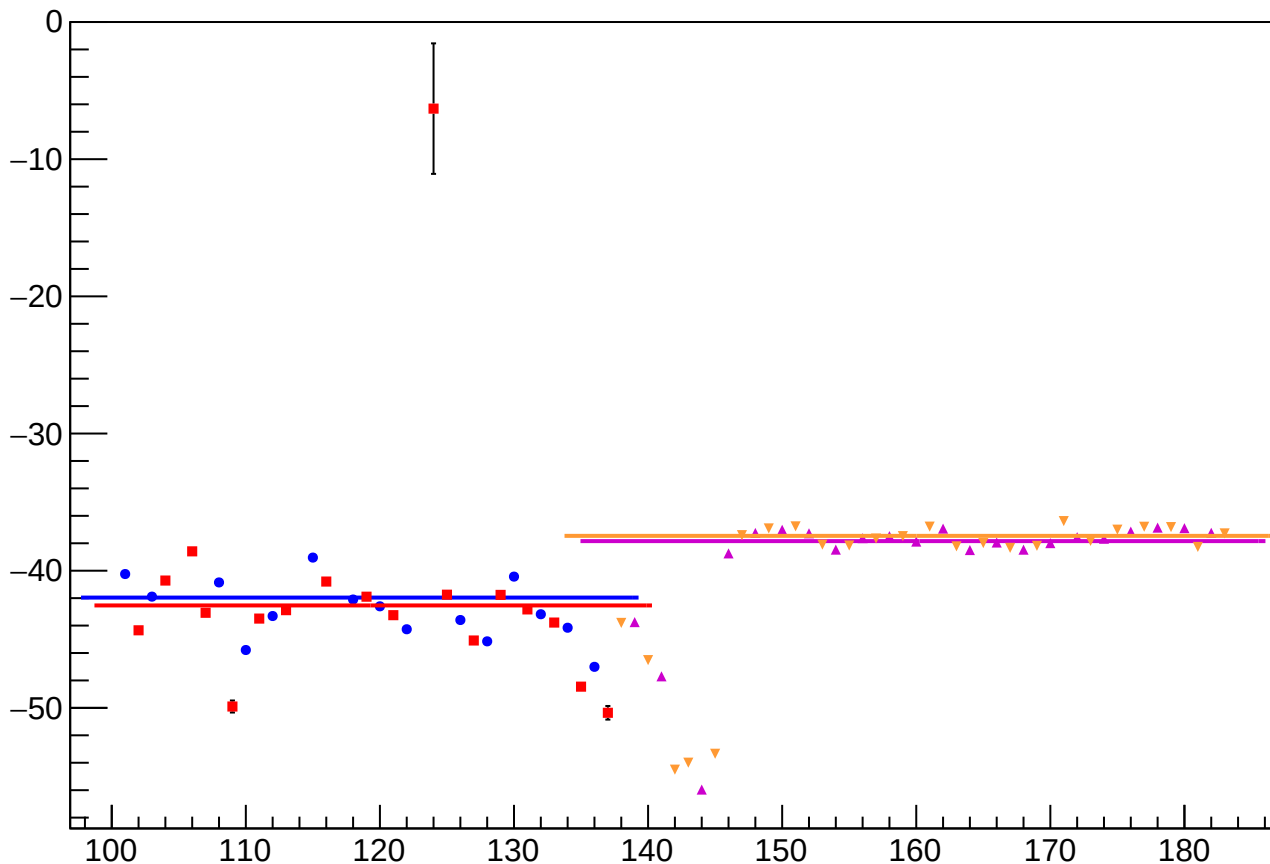
Right: 207.675 $\pm$ 0.061 χ^2/NDF : 93267.6/32

In: 201.774 $\pm$ 0.036 χ^2/NDF : 130281.9/36

Out: 201.146 $\pm$ 0.032 χ^2/NDF : 162542.5/41

All: 201.424 $\pm$ 0.024 χ^2/NDF : 292995.2/78

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 $\pm$ 0.016 χ^2 /NDF: 24229.7/14

Left Out: -37.460 $\pm$ 0.004 χ^2 /NDF: 231546.5/23

Right Out: -42.532 $\pm$ 0.021 χ^2 /NDF: 6137.0/17

Left In: -37.843 $\pm$ 0.004 χ^2 /NDF: 142763.4/21

Left: -37.626 $\pm$ 0.003 χ^2 /NDF: 378889.5/45

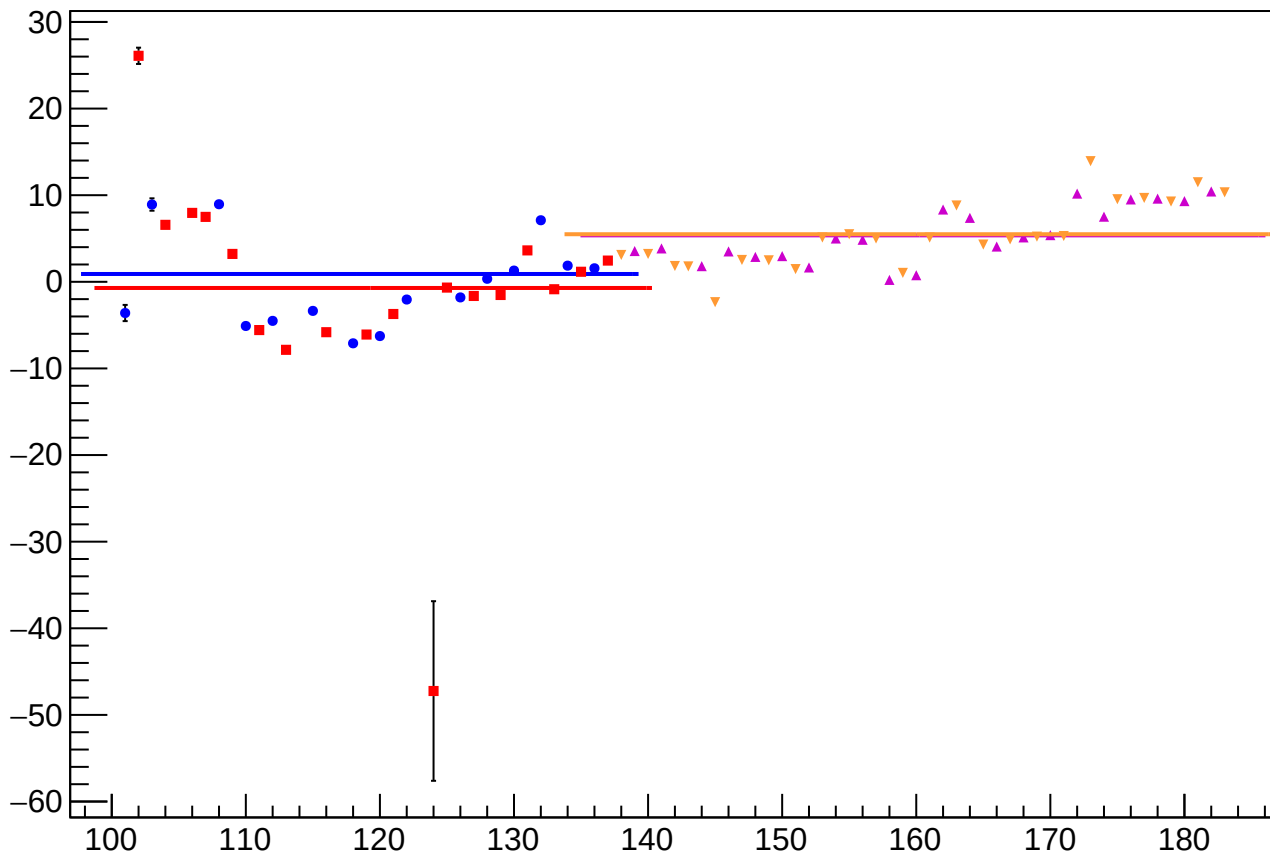
Right: -42.168 $\pm$ 0.012 χ^2 /NDF: 30855.6/32

In: -38.129 $\pm$ 0.004 χ^2 /NDF: 231739.7/36

Out: -37.620 $\pm$ 0.004 χ^2 /NDF: 296091.2/41

All: -37.846 $\pm$ 0.003 χ^2 /NDF: 536351.1/78

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 $\pm$ 0.020 χ^2 /NDF: 21140.4/14

Left Out: 5.493 $\pm$ 0.006 χ^2 /NDF:295416.3/23

Right Out: -0.711 $\pm$ 0.024 χ^2 /NDF: 30723.8/17

Left In: 5.362 $\pm$ 0.007 χ^2 /NDF:204323.5/21

Left: 5.437 $\pm$ 0.004 χ^2 /NDF: 499963.1/45

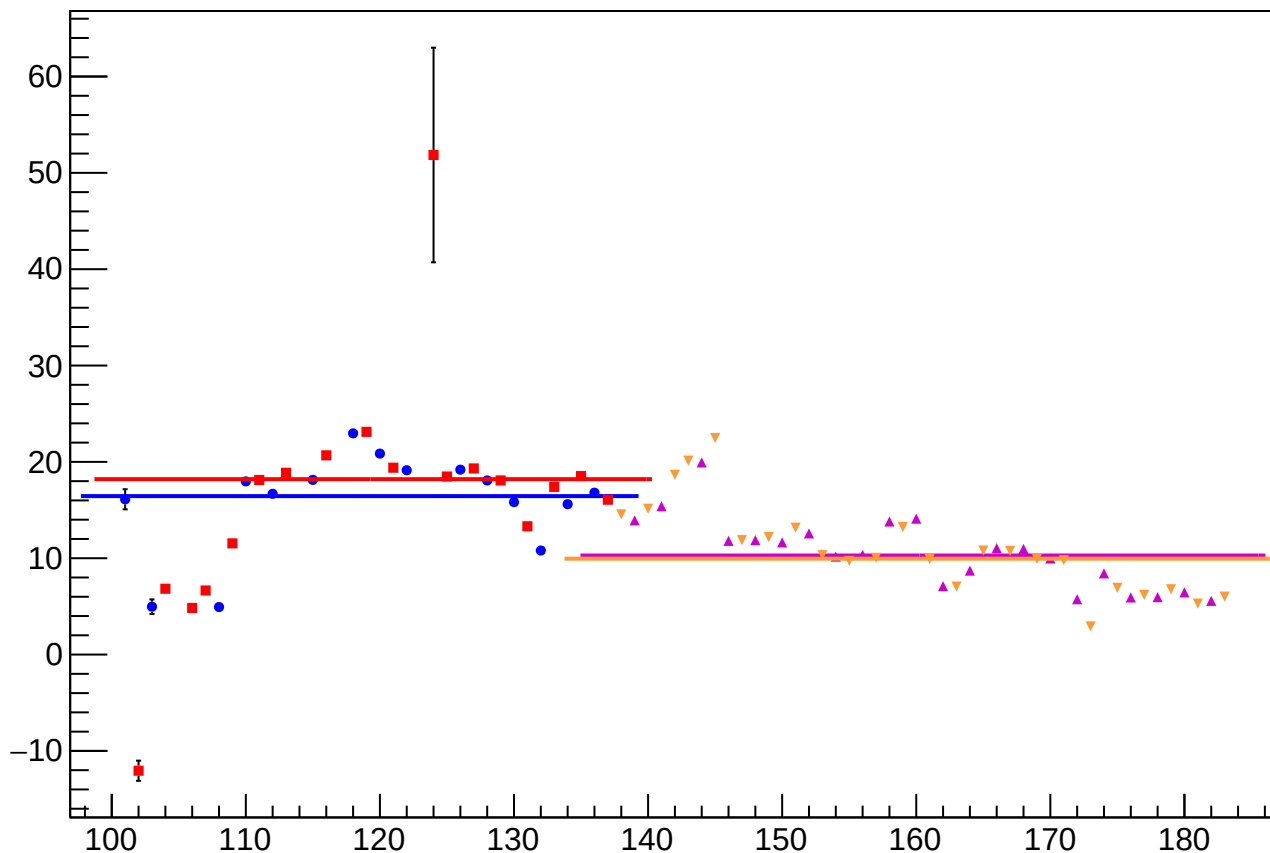
Right: 0.250 $\pm$ 0.015 χ^2 /NDF: 54492.0/32

In: 4.924 $\pm$ 0.006 χ^2 /NDF:270089.3/36

Out: 5.168 $\pm$ 0.006 χ^2 /NDF:387900.3/41

All: 5.061 $\pm$ 0.004 χ^2 /NDF: 658835.7/78

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 ± 0.024 $\chi^2/\text{NDF}: 14183.1/14$

Left Out: 9.954 ± 0.007 $\chi^2/\text{NDF}: 210293.1/23$

Right Out: 18.207 ± 0.020 $\chi^2/\text{NDF}: 27493.7/17$

Left In: 10.281 ± 0.008 $\chi^2/\text{NDF}: 136056.9/21$

Left: 10.097 ± 0.005 $\chi^2/\text{NDF}: 347263.9/45$

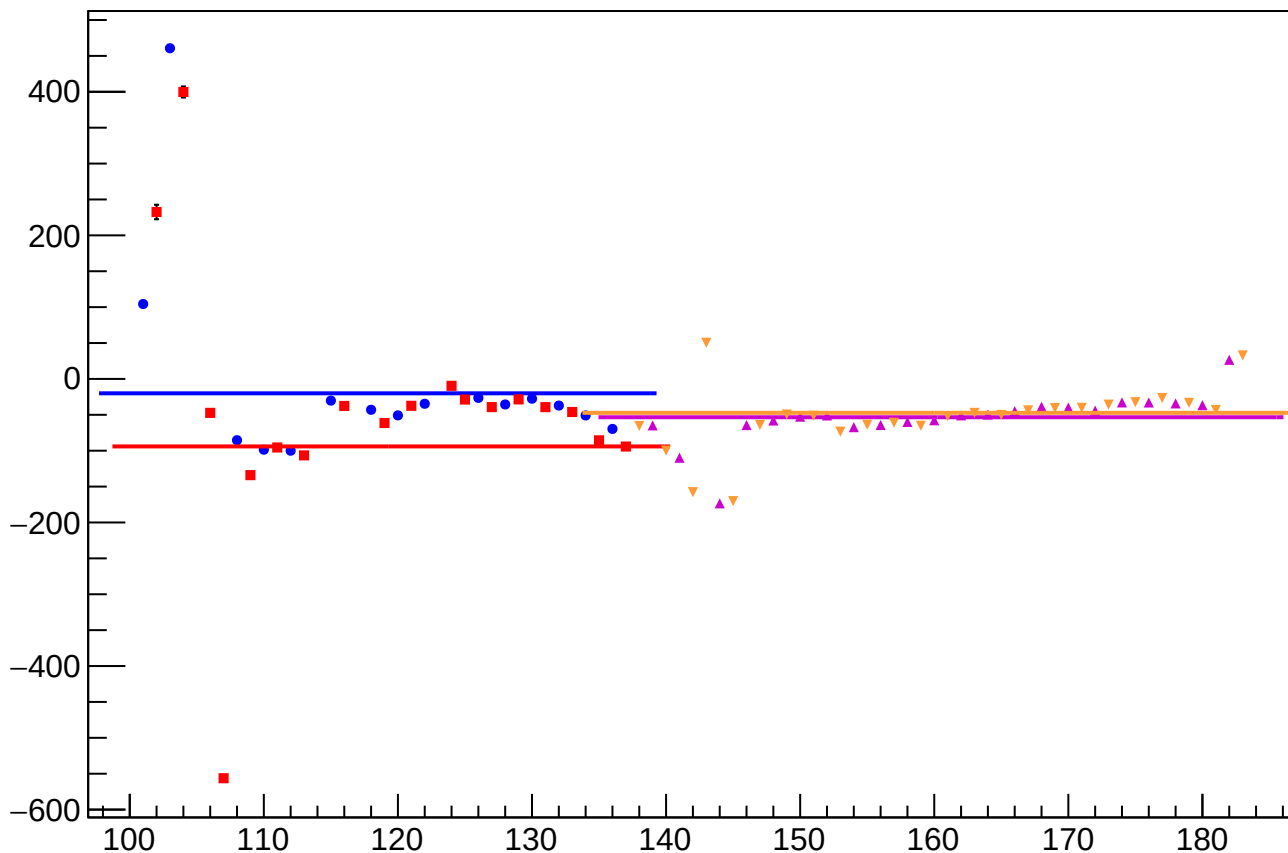
Right: 17.482 ± 0.016 $\chi^2/\text{NDF}: 44731.9/32$

In: 10.896 ± 0.008 $\chi^2/\text{NDF}: 207701.2/36$

Out: 10.857 ± 0.007 $\chi^2/\text{NDF}: 383104.1/41$

All: 10.874 ± 0.005 $\chi^2/\text{NDF}: 590819.7/78$

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -47.236 ± 0.089 $\chi^2/\text{NDF}: 90111.9/23$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -53.399 ± 0.103 $\chi^2/\text{NDF}: 65526.4/21$

Left: -49.842 ± 0.067 $\chi^2/\text{NDF}: 157685.9/45$

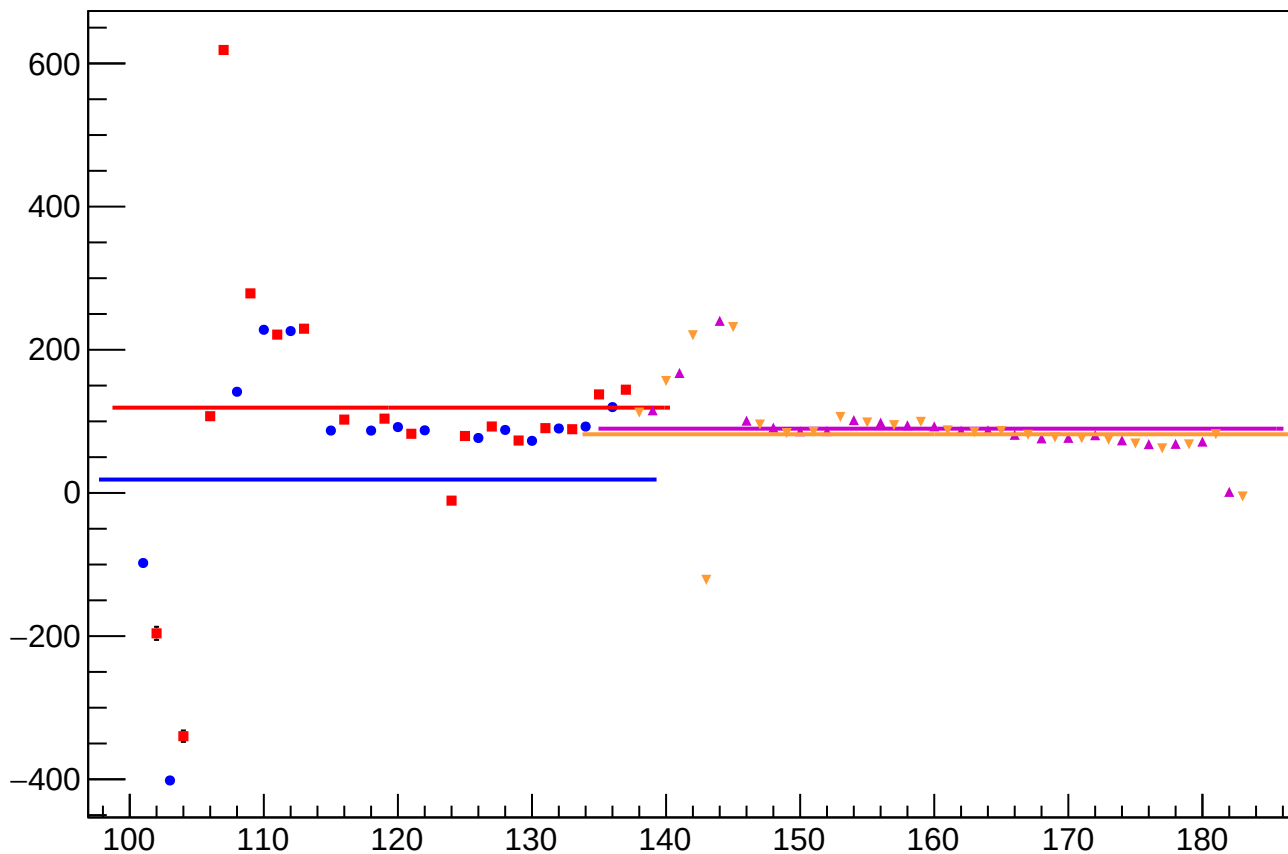
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -42.949 ± 0.086 $\chi^2/\text{NDF}: 539527.9/36$

Out: -93.146 ± 0.012 $\chi^2/\text{NDF}: 451472.5/41$

All: -92.131 ± 0.012 $\chi^2/\text{NDF}: 1326822.4/78$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 ± 0.152 $\chi^2/\text{NDF}: 1101803.8/14$

Left Out: 81.976 ± 0.078 $\chi^2/\text{NDF}: 219583.1/23$

Right Out: 119.167 ± 0.199 $\chi^2/\text{NDF}: 87450.0/17$

Left In: 89.782 ± 0.090 $\chi^2/\text{NDF}: 88983.3/21$

Left: 85.333 ± 0.059 $\chi^2/\text{NDF}: 312837.7/45$

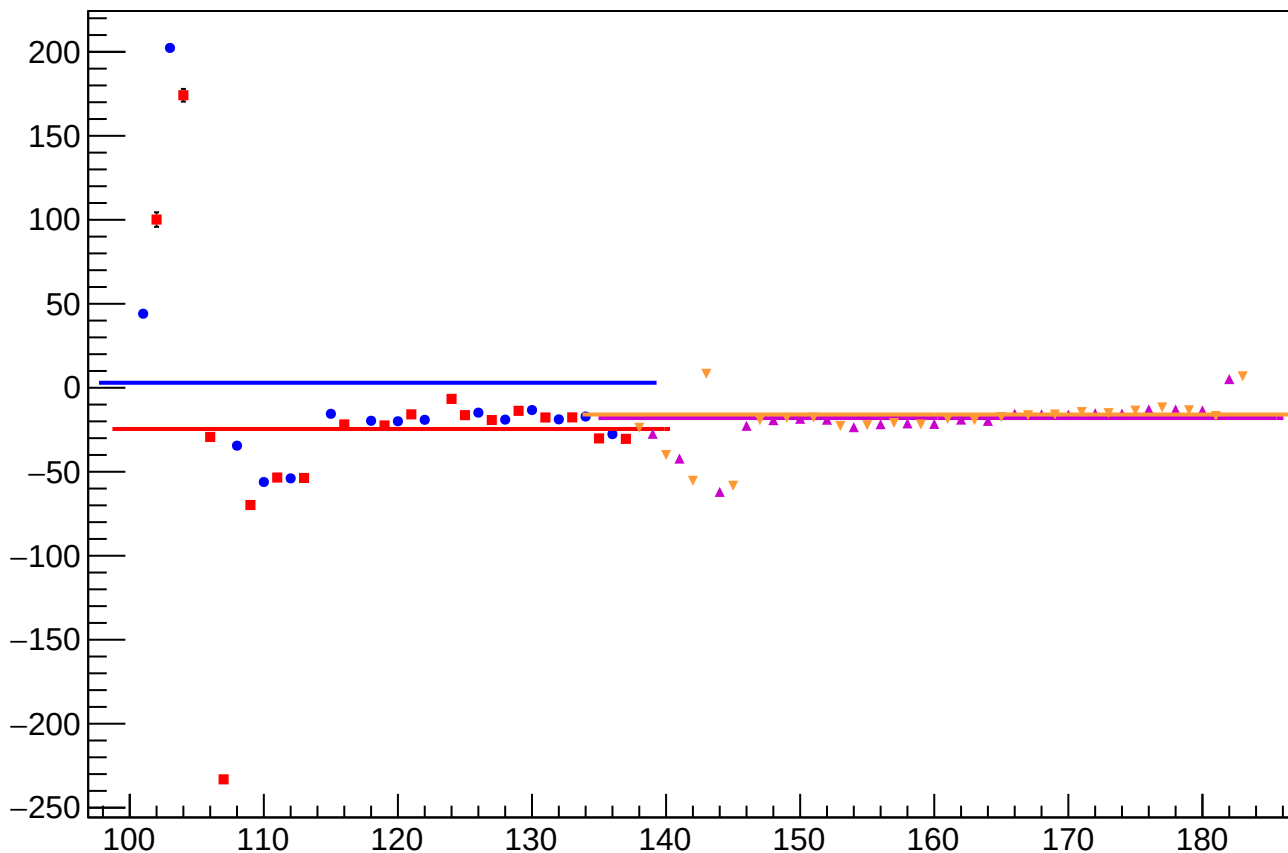
Right: 55.701 ± 0.121 $\chi^2/\text{NDF}: 1349806.5/32$

In: 71.300 ± 0.078 $\chi^2/\text{NDF}: 1352286.5/36$

Out: 86.953 ± 0.073 $\chi^2/\text{NDF}: 337210.2/41$

All: 79.612 ± 0.053 $\chi^2/\text{NDF}: 1711124.9/78$

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -15.912 ± 0.011 $\chi^2/\text{NDF}: 672177.5/23$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -18.032 ± 0.012 $\chi^2/\text{NDF}: 224020.6/21$

Left: -16.835 ± 0.008 $\chi^2/\text{NDF}: 913216.0/45$

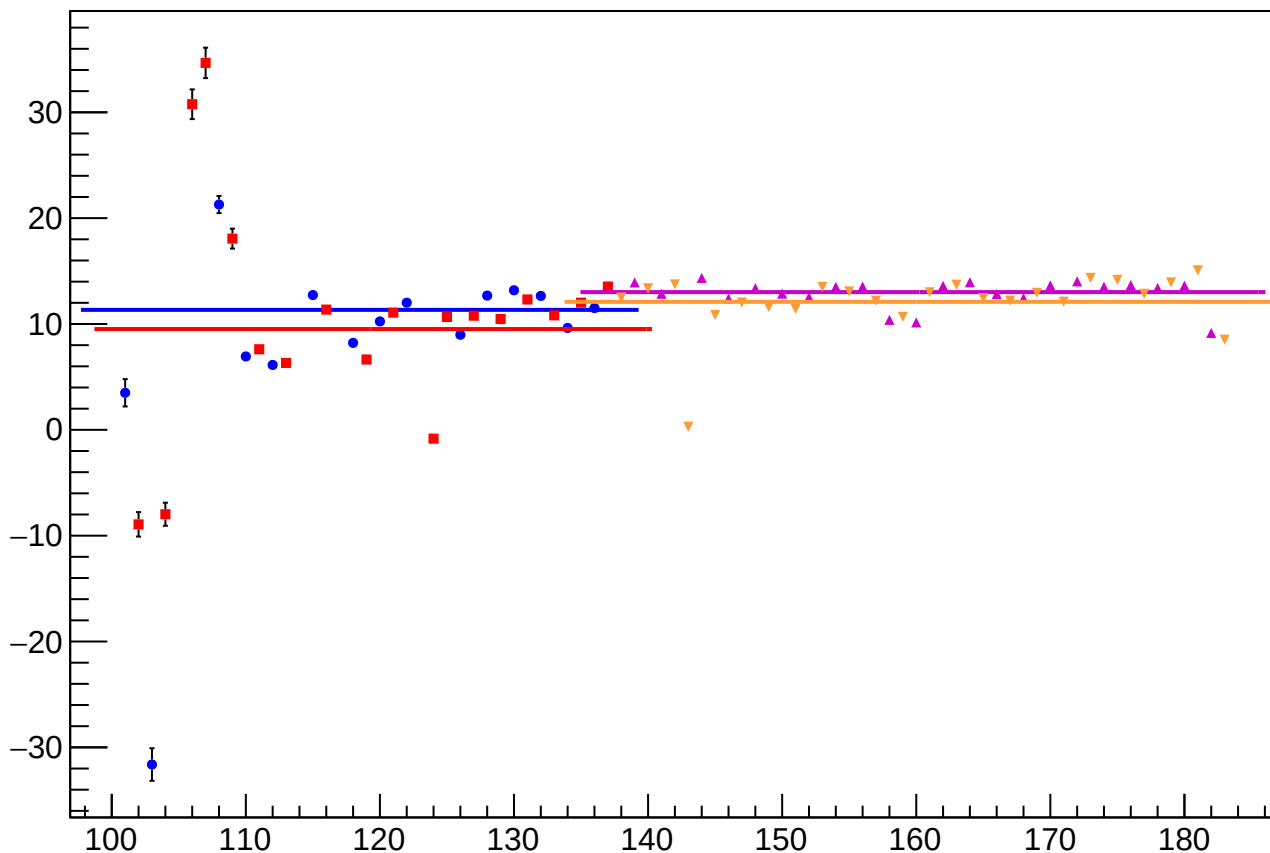
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -14.435 ± 0.011 $\chi^2/\text{NDF}: 4227586.4/36$

Out: -16.403 ± 0.010 $\chi^2/\text{NDF}: 885490.7/41$

All: -15.484 ± 0.008 $\chi^2/\text{NDF}: 5129754.5/78$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 ± 0.037 χ^2/NDF : 2406.0/14

Left Out: 12.095 ± 0.014 χ^2/NDF : 38884.4/23

Right Out: 9.524 ± 0.048 χ^2/NDF : 4066.9/17

Left In: 13.014 ± 0.011 χ^2/NDF : 7990.5/21

Left: 12.638 ± 0.009 χ^2/NDF : 49577.7/45

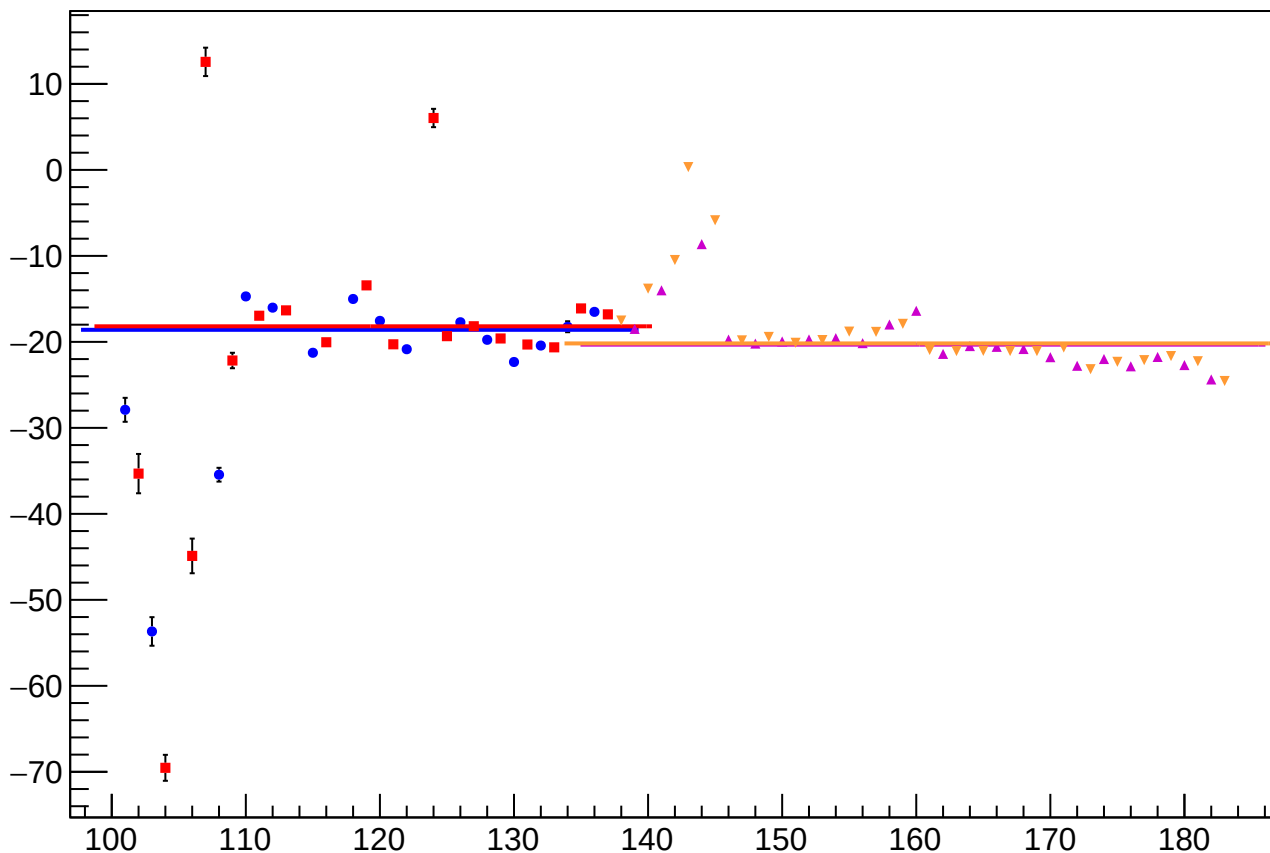
Right: 10.651 ± 0.029 χ^2/NDF : 7358.3/32

In: 12.873 ± 0.011 χ^2/NDF : 12248.1/36

Out: 11.904 ± 0.013 χ^2/NDF : 45605.1/41

All: 12.480 ± 0.008 χ^2/NDF : 61114.0/78

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597±/0.037 χ^2/NDF : 6189.1/14

Left Out: -20.179±/0.014 χ^2/NDF :74922.3/23

Right Out: -18.189±/0.049 χ^2/NDF : 4881.1/17

Left In: -20.324±/0.015 χ^2/NDF :19325.6/21

Left: -20.248±/0.010 χ^2/NDF : 94295.2/45

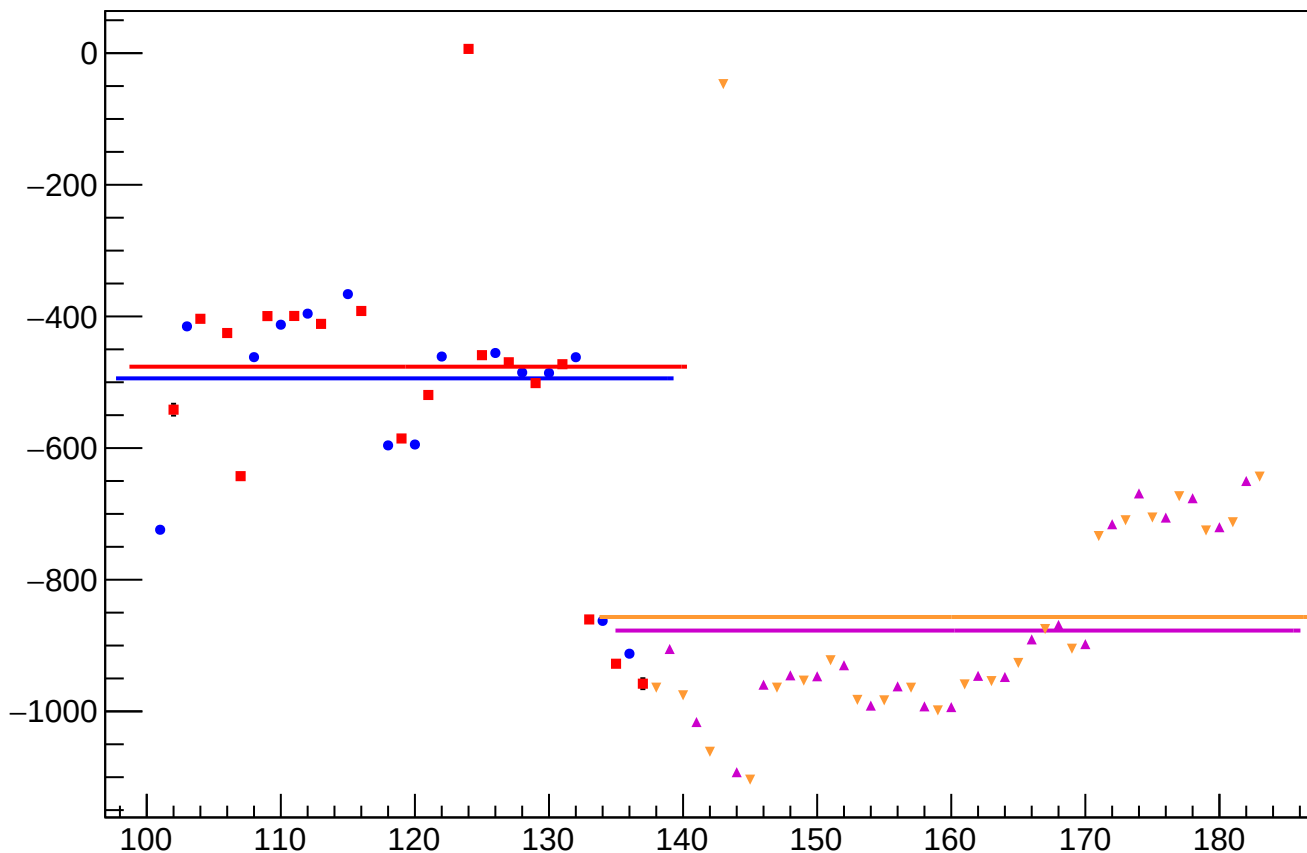
Right: -18.450±/0.030 χ^2/NDF : 11113.5/32

In: -20.076±/0.014 χ^2/NDF :27364.0/36

Out: -20.023±/0.014 χ^2/NDF :81295.4/41

All: -20.049±/0.010 χ^2/NDF : 108666.7/78

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -856.625 ± 0.146 $\chi^2/\text{NDF}: 979738.8/23$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -877.228 ± 0.148 $\chi^2/\text{NDF}: 727582.6/21$

Left: -866.728 ± 0.104 $\chi^2/\text{NDF}: 1717149.5/45$

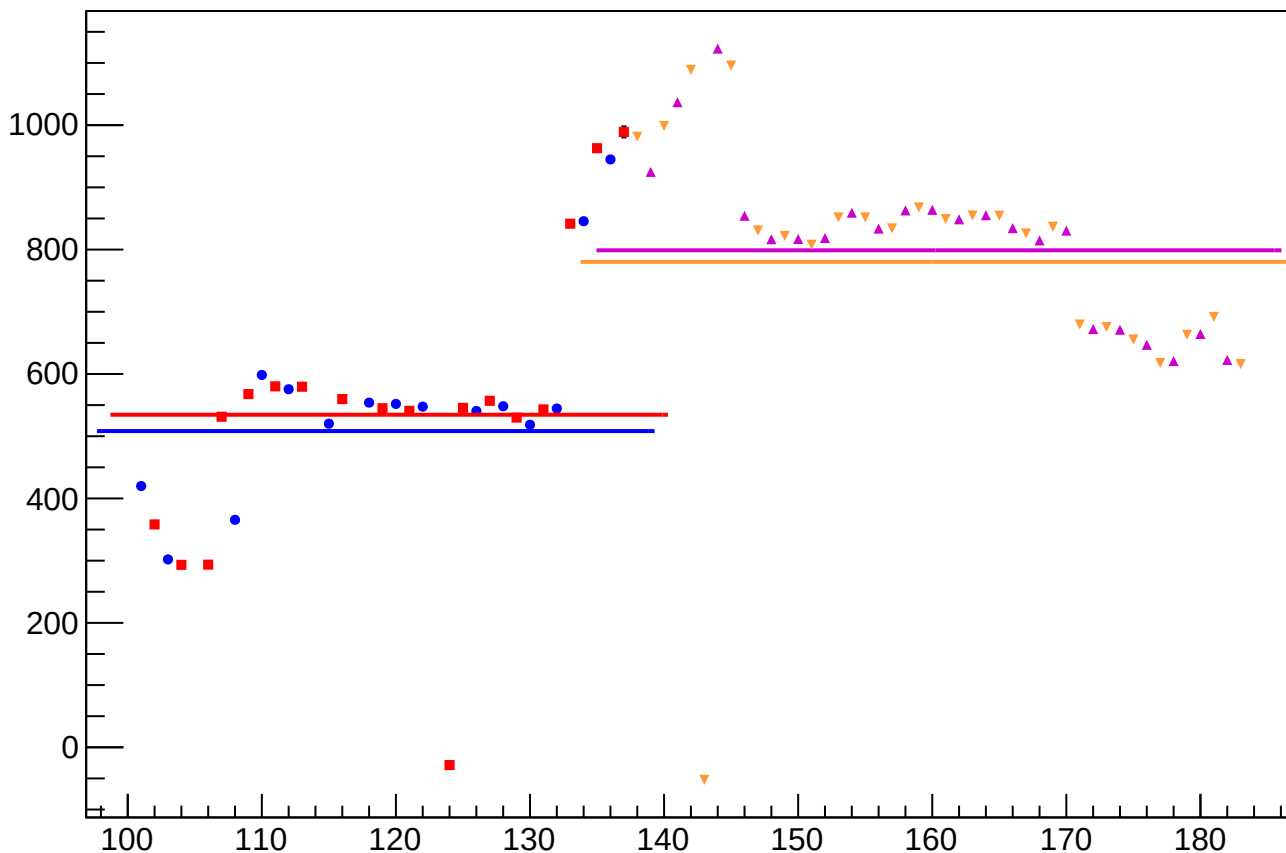
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -766.090 ± 0.125 $\chi^2/\text{NDF}: 2988241.8/36$

Out: -711.389 ± 0.114 $\chi^2/\text{NDF}: 4181802.6/41$

All: -736.324 ± 0.084 $\chi^2/\text{NDF}: 7274249.3/78$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 780.239 $\pm$ 0.120 χ^2 /NDF:913991.4/23

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 798.797 $\pm$ 0.124 χ^2 /NDF:607598.3/21

Left: 789.223 $\pm$ 0.086 χ^2 /NDF: 1533091.5/45

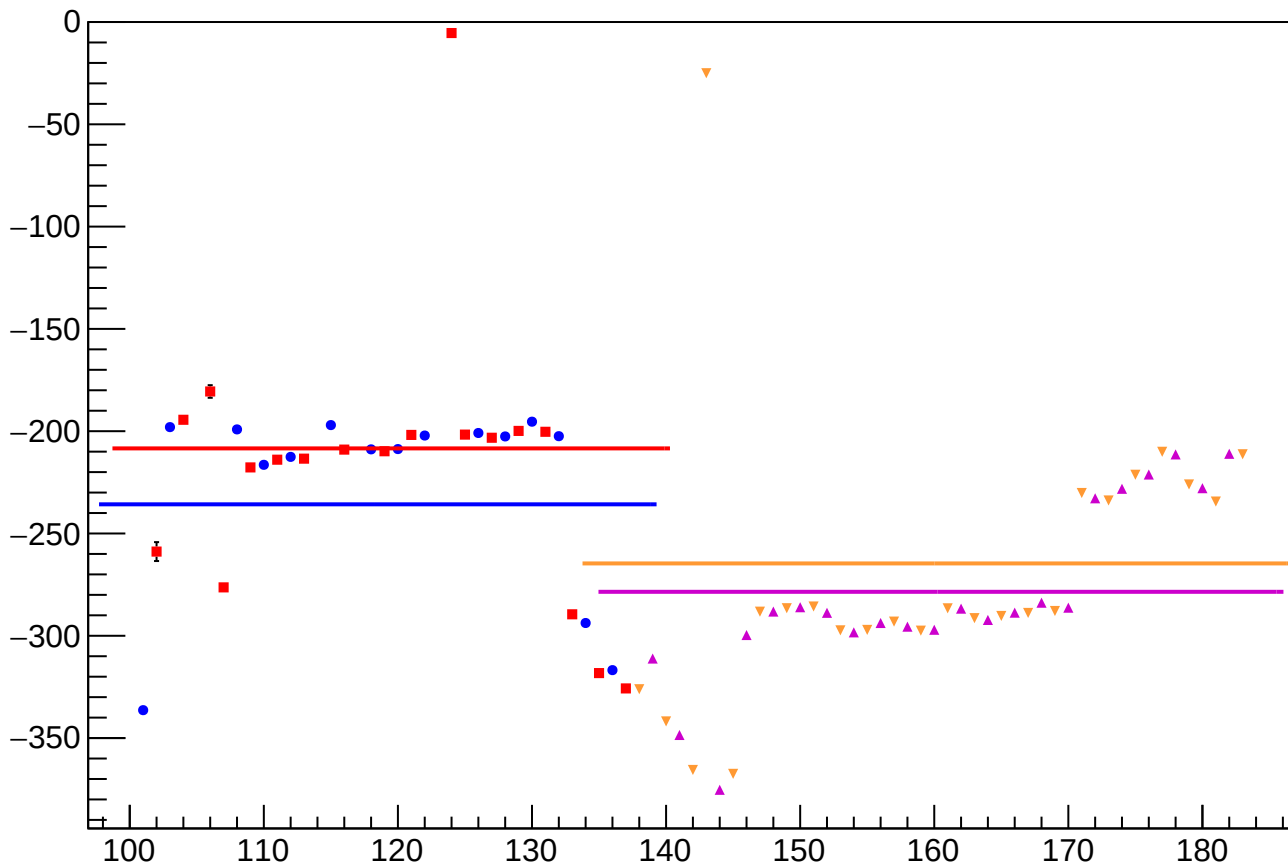
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 729.312 $\pm$ 0.108 χ^2 /NDF:2354037.8/36

Out: 722.480 $\pm$ 0.105 χ^2 /NDF:2261347.4/41

All: 725.797 $\pm$ 0.076 χ^2 /NDF: 4617429.3/78

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -264.637+/-0.022 χ^2/NDF : 7445319.1/23

Right Out: -208.413+/-0.047 χ^2/NDF : 375009.3/17

Left In: -278.511+/-0.022 χ^2/NDF : 2178245.5/21

Left: -271.373+/-0.016 χ^2/NDF : 9821313.5/45

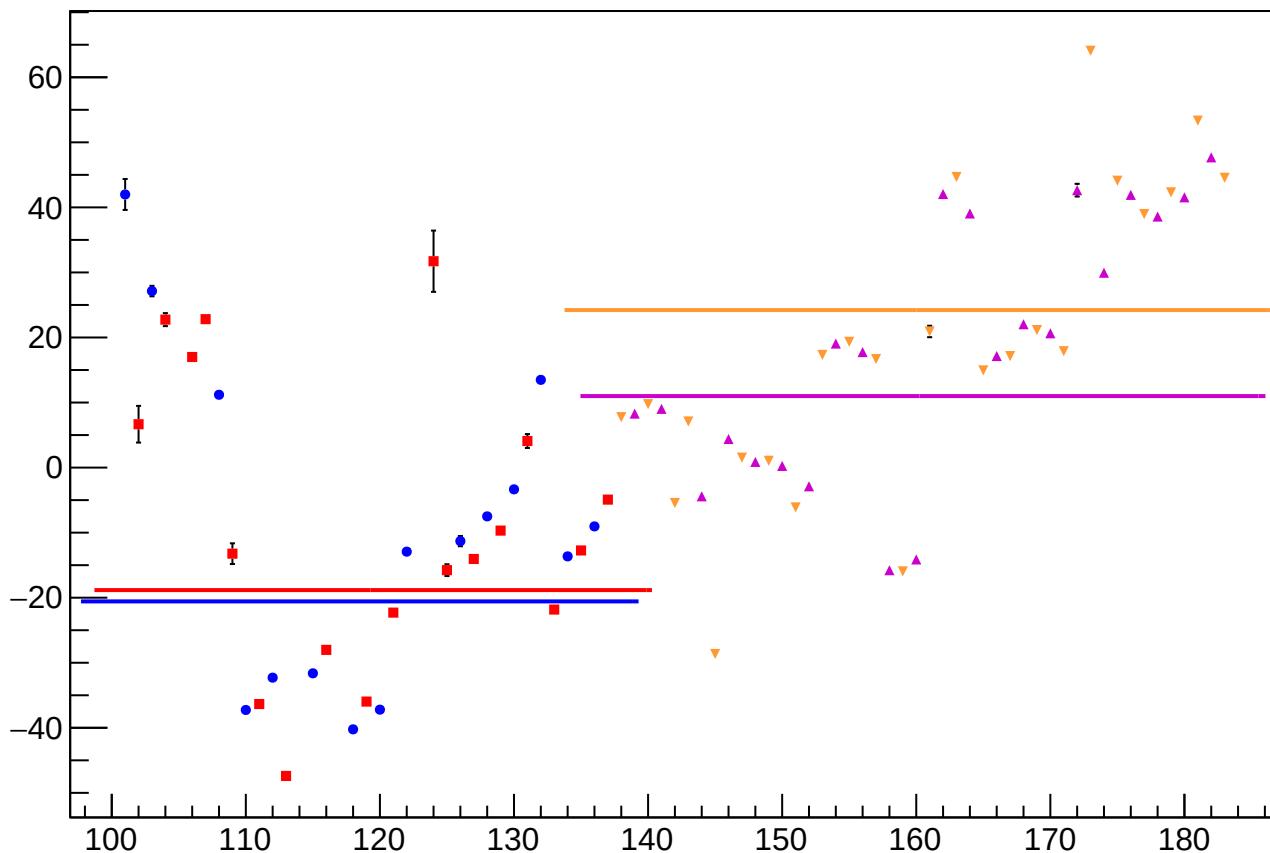
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -272.480+/-0.021 χ^2/NDF : 3569515.3/36

Out: -254.640+/-0.020 χ^2/NDF : 9009802.5/41

All: -263.107+/-0.014 χ^2/NDF : 12968096.1/77

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569±/0.071 χ^2/NDF : 63404.0/14

Left Out: 24.216±/0.019 χ^2/NDF :1077331.6/23

Right Out: -18.831±/0.108 χ^2/NDF : 20855.1/17

Left In: 10.994±/0.018 χ^2/NDF :1241271.9/21

Left: 17.265±/0.013 χ^2/NDF : 2565887.0/45

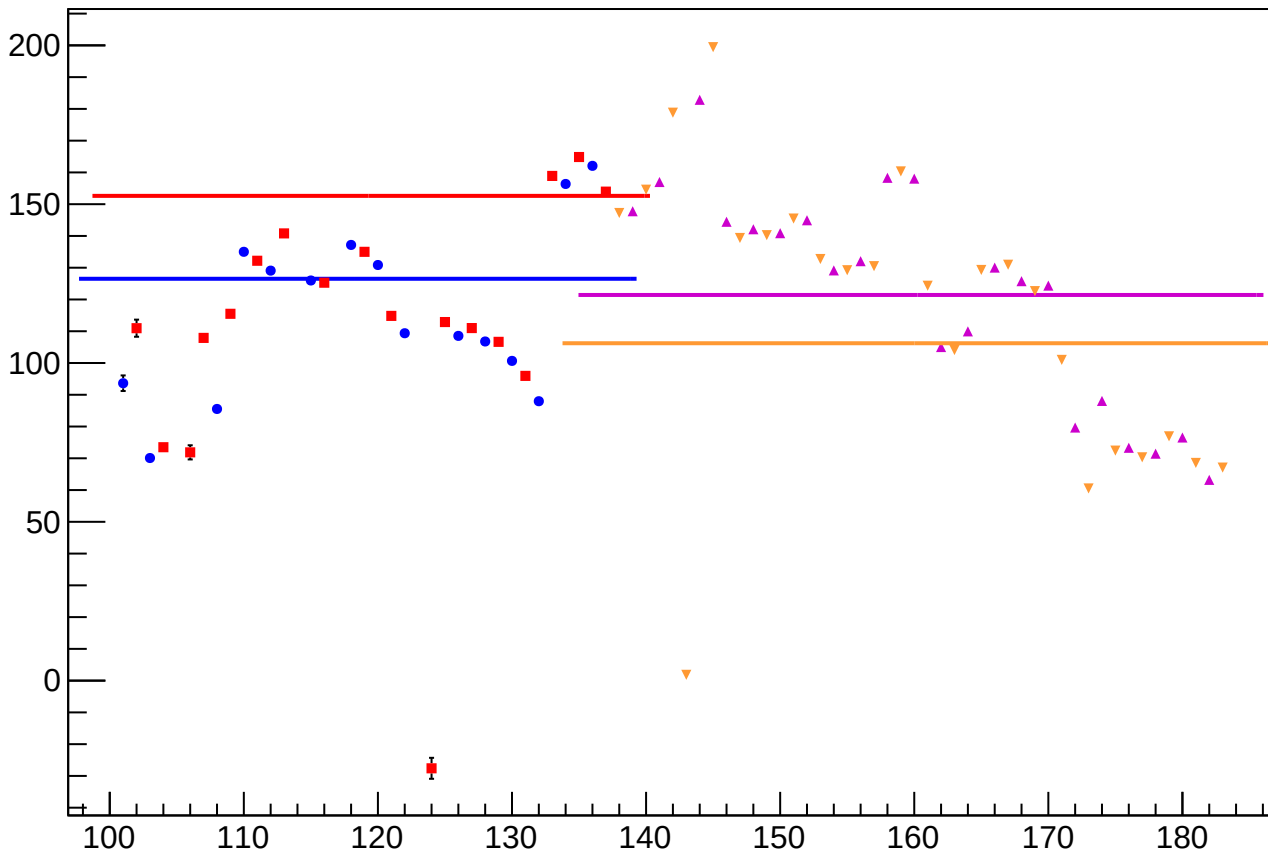
Right: -20.041±/0.060 χ^2/NDF : 84439.6/32

In: 9.042±/0.018 χ^2/NDF :1488324.8/36

Out: 22.887±/0.019 χ^2/NDF :1252131.2/41

All: 15.497±/0.013 χ^2/NDF : 3024493.3/78

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 106.222 $\pm$ 0.024 χ^2 /NDF:1933264.7/23

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 121.421 $\pm$ 0.024 χ^2 /NDF:1539711.8/21

Left: 113.652 $\pm$ 0.017 χ^2 /NDF: 3671960.6/45

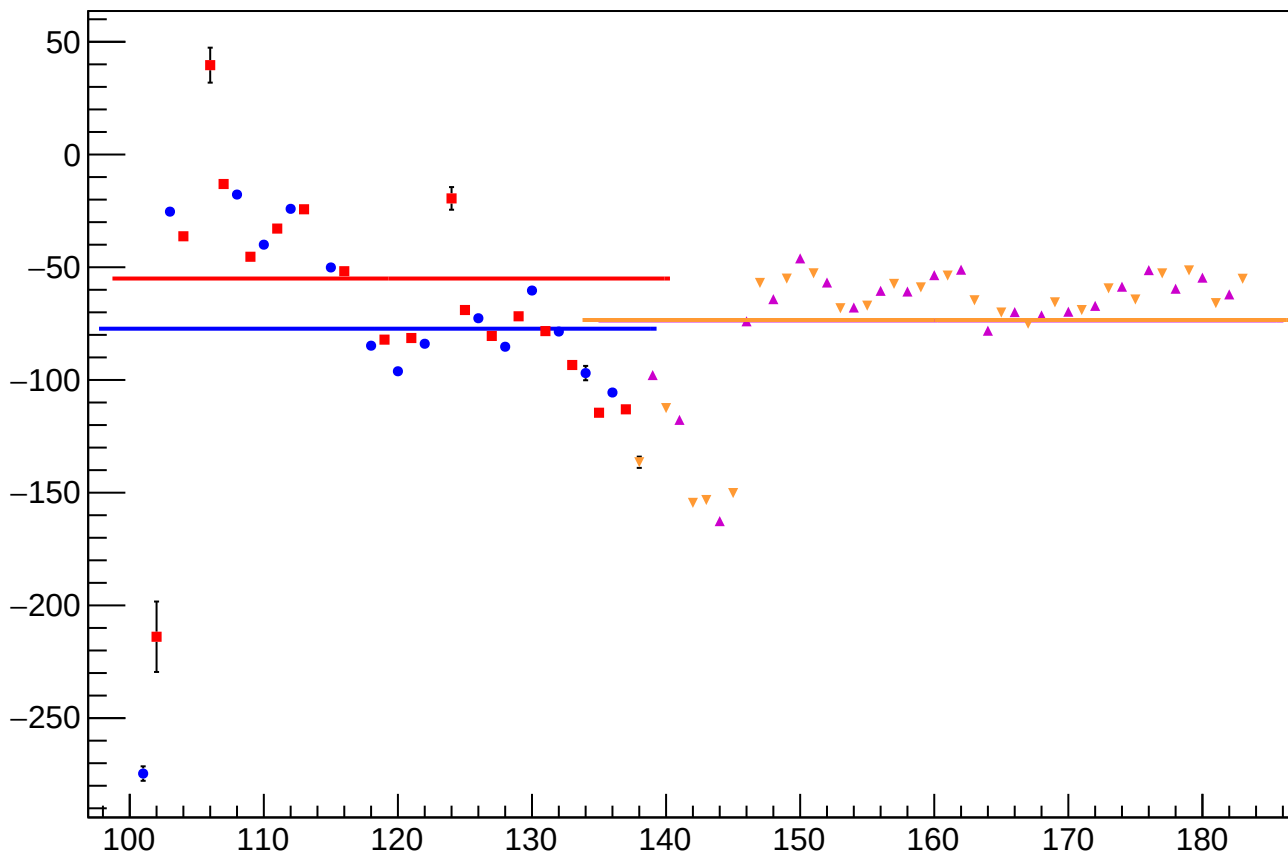
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 121.816 $\pm$ 0.023 χ^2 /NDF:1658075.4/36

Out: 123.910 $\pm$ 0.019 χ^2 /NDF:3453339.5/41

All: 123.091 $\pm$ 0.015 χ^2 /NDF: 5116293.2/78

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260+/-0.146 χ^2/NDF : 30356.0/14

Left Out: -73.401+/-0.113 χ^2/NDF : 65784.4/23

Right Out: -55.005+/-0.190 χ^2/NDF : 23629.0/17

Left In: -73.597+/-0.111 χ^2/NDF : 68577.5/21

Left: -73.500+/-0.079 χ^2/NDF : 134363.4/45

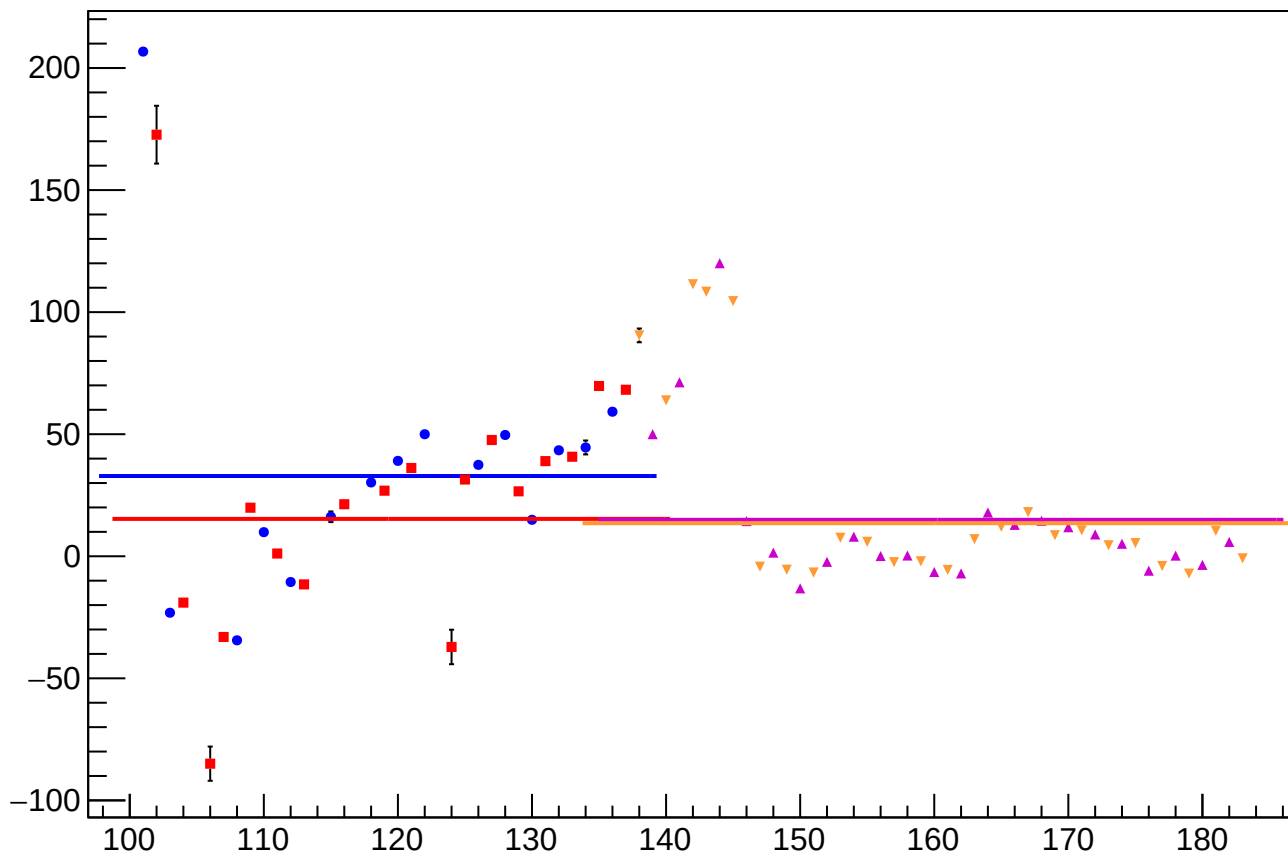
Right: -68.980+/-0.116 χ^2/NDF : 62576.3/32

In: -74.929+/-0.088 χ^2/NDF : 99331.6/36

Out: -68.624+/-0.097 χ^2/NDF : 96334.3/41

All: -72.070+/-0.065 χ^2/NDF : 197976.9/78

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 ± 0.146 $\chi^2/\text{NDF}: 31393.7/14$

Left Out: 13.537 ± 0.098 $\chi^2/\text{NDF}: 96668.6/23$

Right Out: 15.309 ± 0.210 $\chi^2/\text{NDF}: 16746.0/17$

Left In: 14.934 ± 0.098 $\chi^2/\text{NDF}: 96635.9/21$

Left: 14.237 ± 0.070 $\chi^2/\text{NDF}: 193405.3/45$

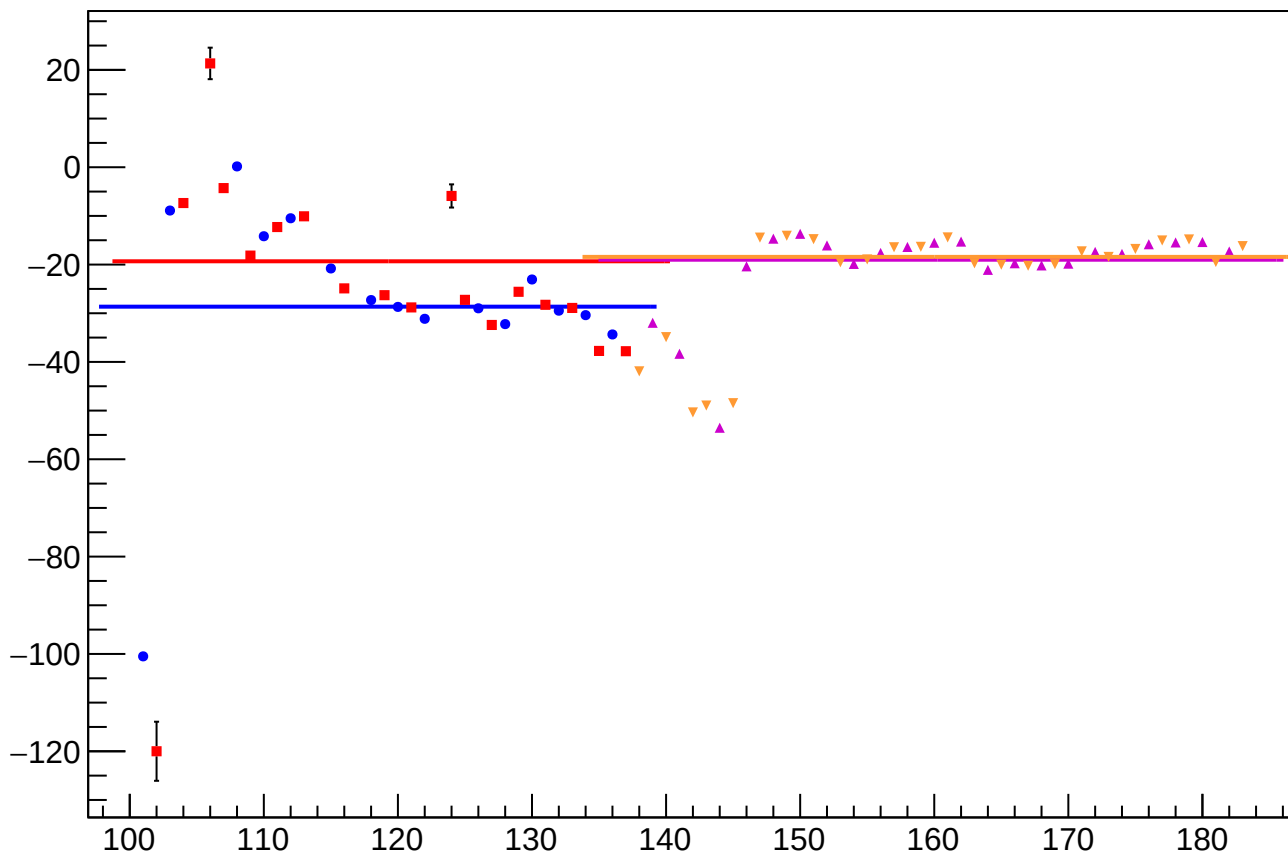
Right: 27.134 ± 0.120 $\chi^2/\text{NDF}: 52862.9/32$

In: 20.529 ± 0.082 $\chi^2/\text{NDF}: 138409.5/36$

Out: 13.857 ± 0.089 $\chi^2/\text{NDF}: 113473.1/41$

All: 17.489 ± 0.060 $\chi^2/\text{NDF}: 254931.7/78$

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Left: -18.686 ± 0.010 $\chi^2/\text{NDF}: 441865.3/45$

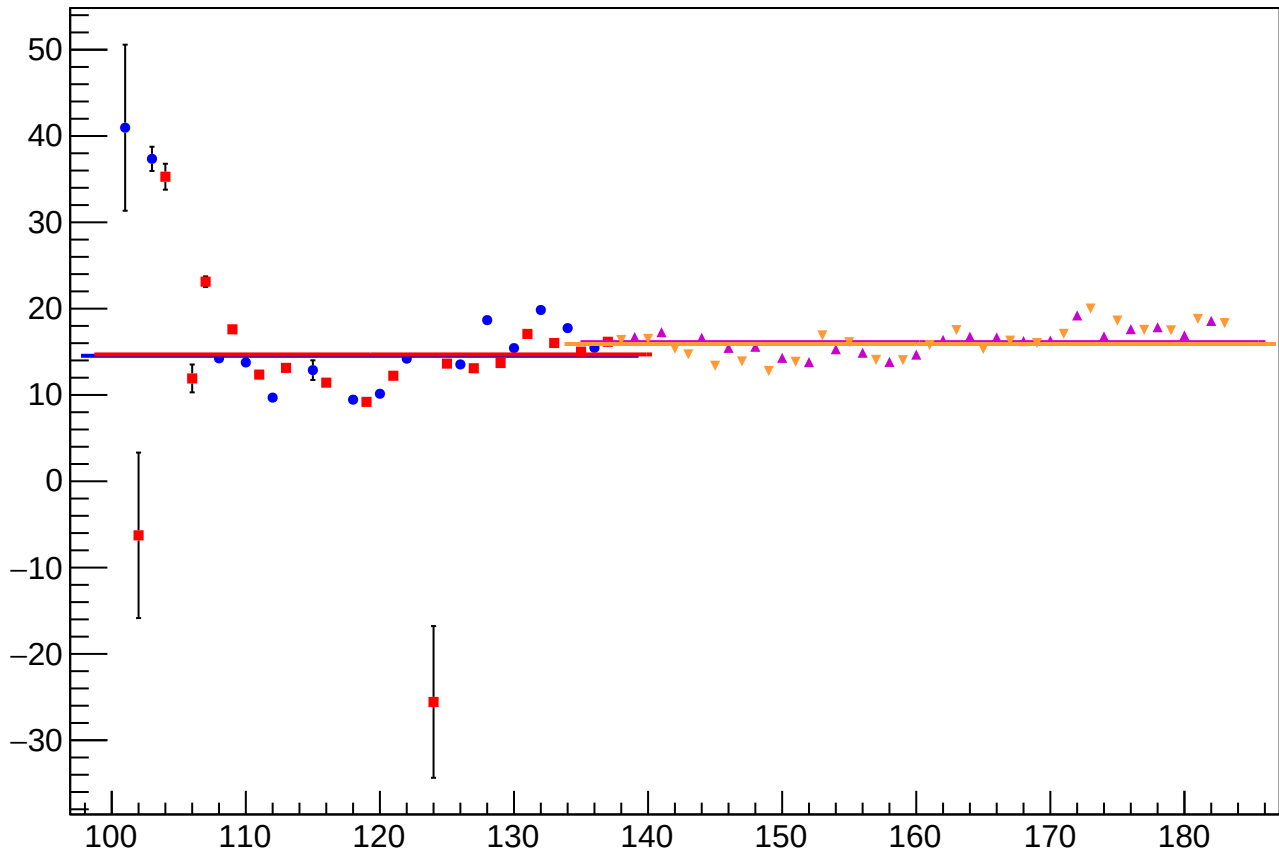
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -20.392 ± 0.013 $\chi^2/\text{NDF}: 388263.3/36$

Out: -18.508 ± 0.012 $\chi^2/\text{NDF}: 291014.1/41$

All: -19.399 ± 0.009 $\chi^2/\text{NDF}: 690321.1/78$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.905+/-0.014 χ^2/NDF :13263.3/23

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 16.120+/-0.013 χ^2/NDF :11947.1/21

Left: 16.022+/-0.009 χ^2/NDF : 25342.5/45

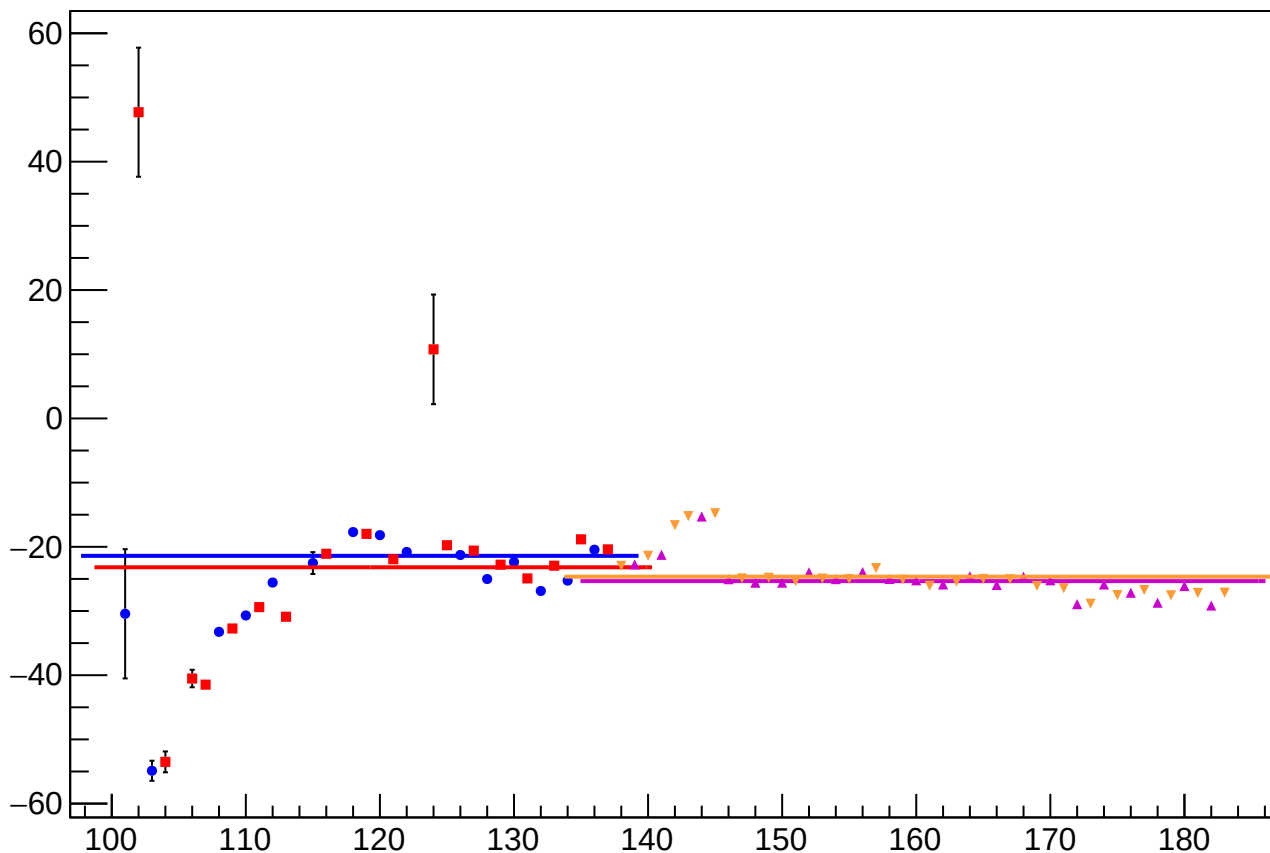
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.878+/-0.012 χ^2/NDF :26403.4/36

Out: 15.794+/-0.013 χ^2/NDF :15598.9/41

All: 15.841+/-0.009 χ^2/NDF : 42025.2/78

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -24.650 ± 0.016 $\chi^2/\text{NDF}: 43859.4/23$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -25.341 ± 0.016 $\chi^2/\text{NDF}: 16732.1/21$

Left: -24.998 ± 0.011 $\chi^2/\text{NDF}: 61531.3/45$

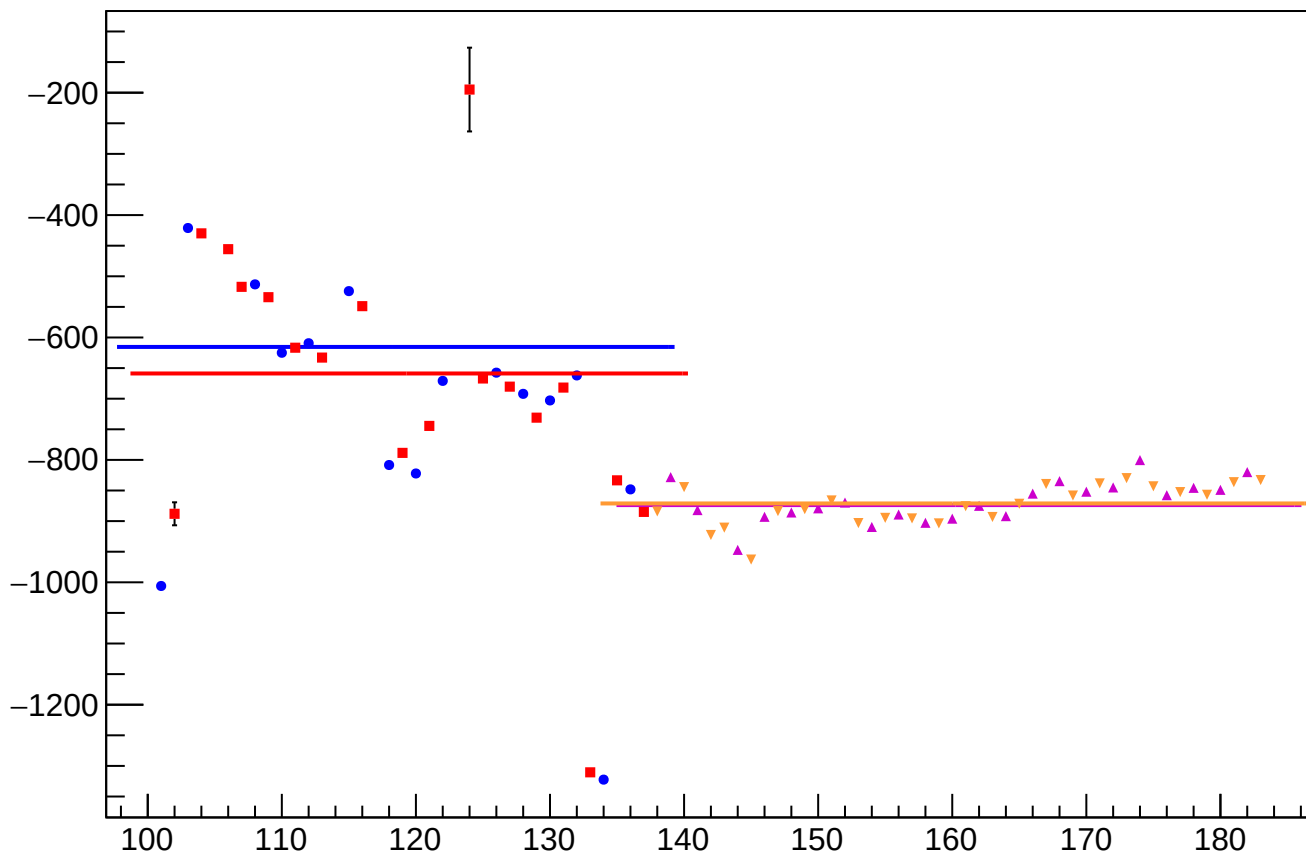
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -24.686 ± 0.015 $\chi^2/\text{NDF}: 36621.0/36$

Out: -24.519 ± 0.015 $\chi^2/\text{NDF}: 53733.5/41$

All: -24.607 ± 0.011 $\chi^2/\text{NDF}: 90417.4/78$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -871.166+/-0.128 χ^2/NDF : 49892.1/23

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -873.838+/-0.123 χ^2/NDF : 58157.1/21

Left: -872.551+/-0.089 χ^2/NDF : 108274.9/45

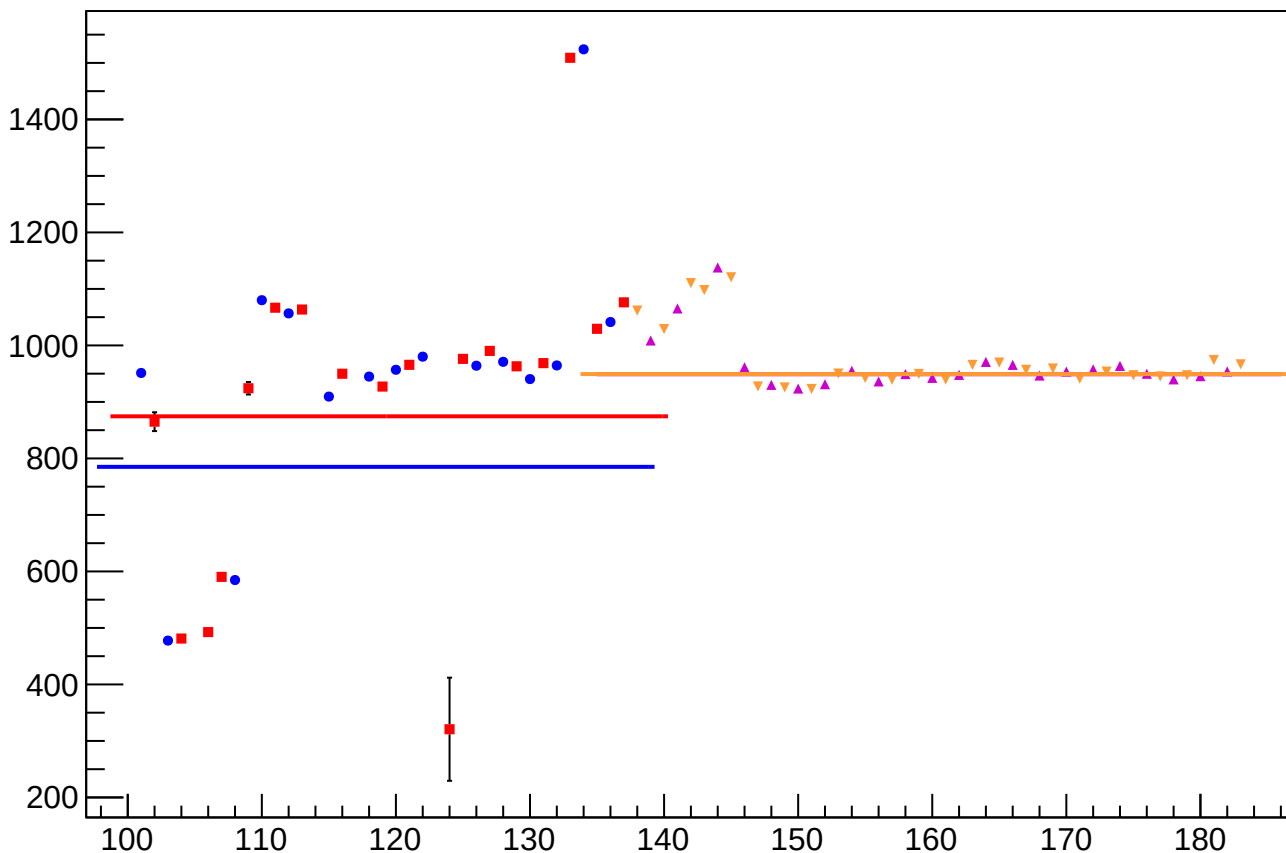
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -818.924+/-0.110 χ^2/NDF : 1372507.4/36

Out: -828.729+/-0.115 χ^2/NDF : 984604.6/41

All: -823.606+/-0.079 χ^2/NDF : 2360939.6/78

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 $\pm$ 0.228 χ^2 /NDF: 886147.1/14

Left Out: 949.270 $\pm$ 0.102 χ^2 /NDF: 74403.1/23

Right Out: 874.516 $\pm$ 0.261 χ^2 /NDF: 842565.5/17

Left In: 949.002 $\pm$ 0.103 χ^2 /NDF: 76834.8/21

Left: 949.137 $\pm$ 0.072 χ^2 /NDF: 151241.4/45

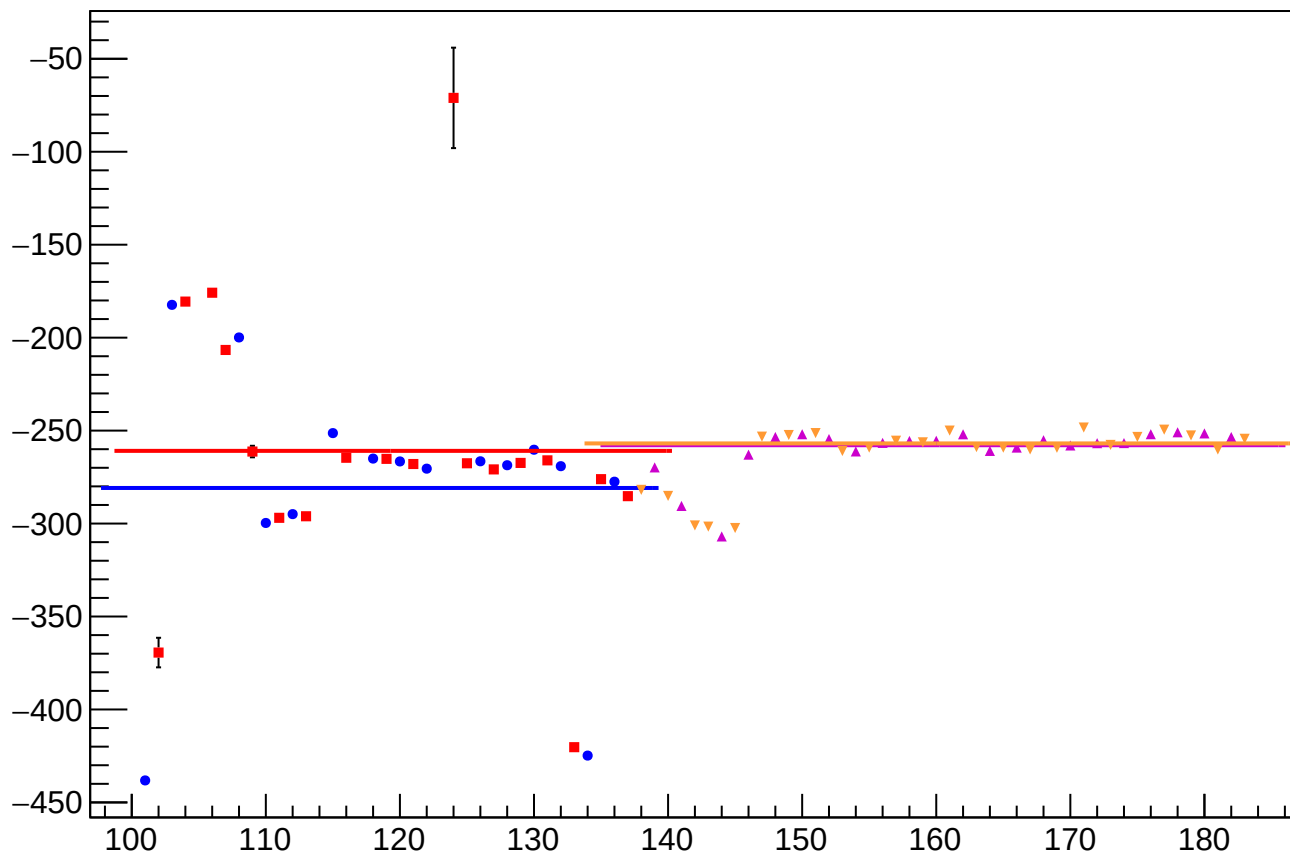
Right: 823.762 $\pm$ 0.172 χ^2 /NDF: 1795202.4/32

In: 921.452 $\pm$ 0.093 χ^2 /NDF: 1392770.6/36

Out: 939.380 $\pm$ 0.095 χ^2 /NDF: 988006.8/41

All: 930.269 $\pm$ 0.067 χ^2 /NDF: 2398863.5/78

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -256.892 ± 0.019 $\chi^2/\text{NDF}: 184458.9/23$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -257.861 ± 0.019 $\chi^2/\text{NDF}: 208410.1/21$

Left: -257.390 ± 0.013 $\chi^2/\text{NDF}: 394181.0/45$

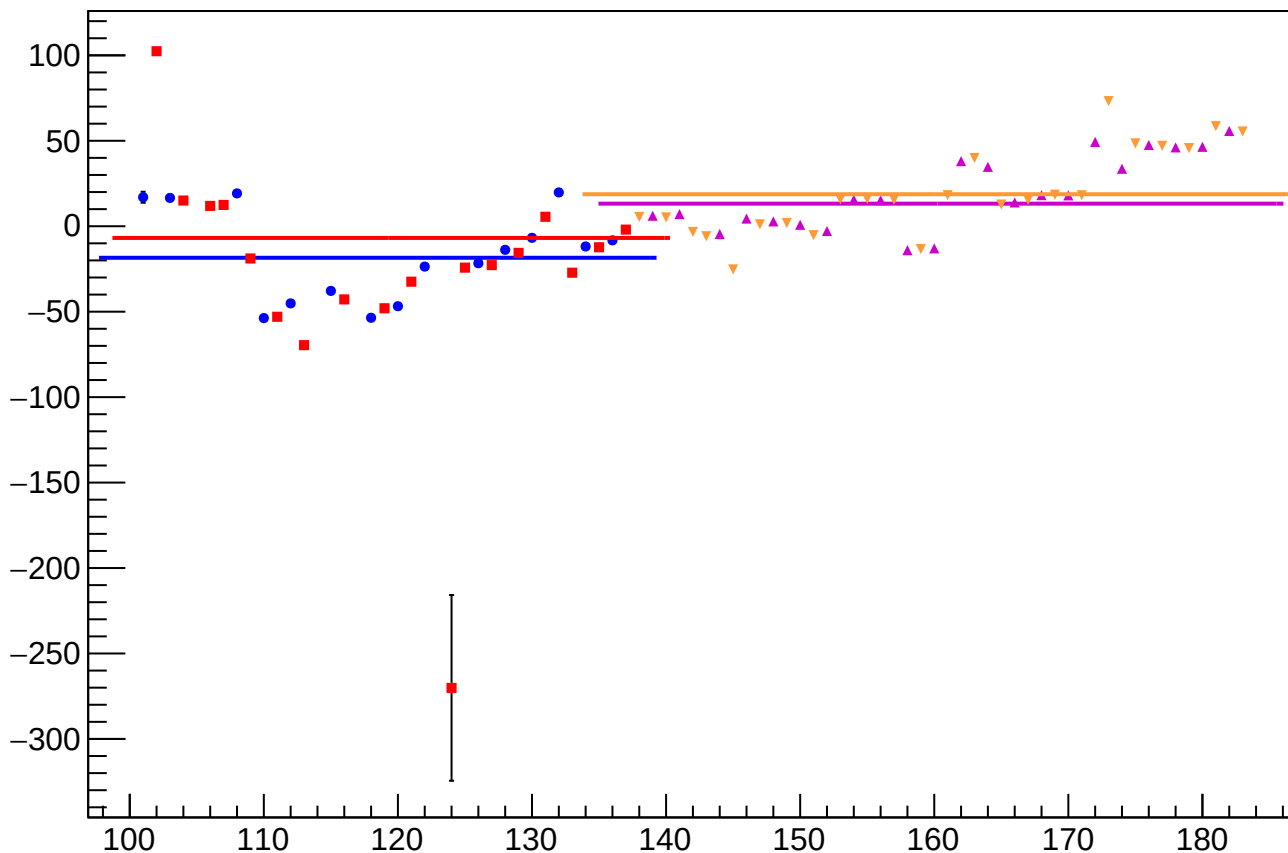
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -259.982 ± 0.018 $\chi^2/\text{NDF}: 1222120.4/36$

Out: -257.191 ± 0.018 $\chi^2/\text{NDF}: 535428.5/41$

All: -258.638 ± 0.013 $\chi^2/\text{NDF}: 1769420.2/78$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 18.734 ± 0.019 $\chi^2/\text{NDF}: 1270961.0/23$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 13.211 ± 0.019 $\chi^2/\text{NDF}: 1012156.9/21$

Left: 15.969 ± 0.013 $\chi^2/\text{NDF}: 2326325.0/45$

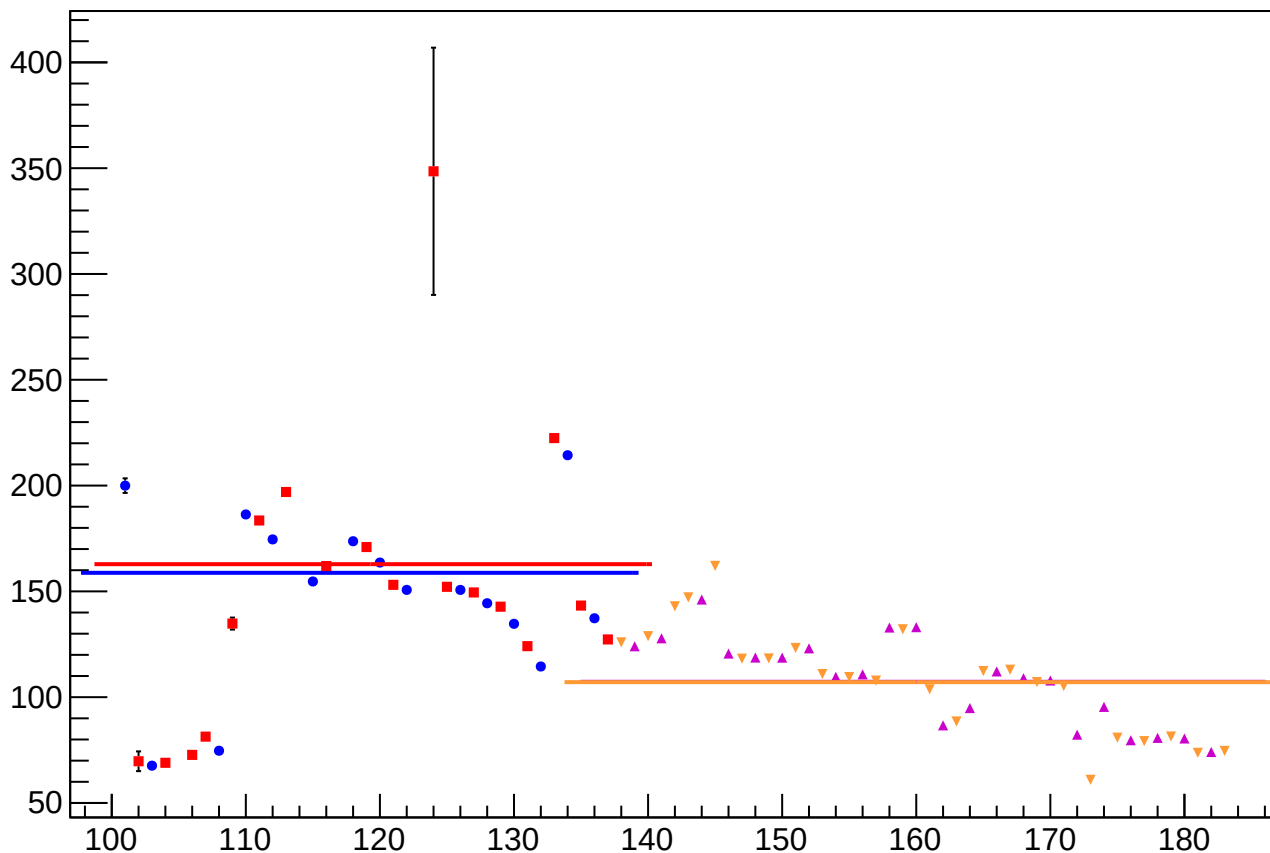
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 11.926 ± 0.018 $\chi^2/\text{NDF}: 1174193.8/36$

Out: 16.736 ± 0.018 $\chi^2/\text{NDF}: 1465618.3/41$

All: 14.375 ± 0.013 $\chi^2/\text{NDF}: 2674649.1/78$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14

Left Out: 107.102 $\pm$ 0.023 χ^2 /NDF: 654702.0/23

Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17

Left In: 107.265 $\pm$ 0.020 χ^2 /NDF: 778570.3/21

Left: 107.194 $\pm$ 0.015 χ^2 /NDF: 1433301.8/45

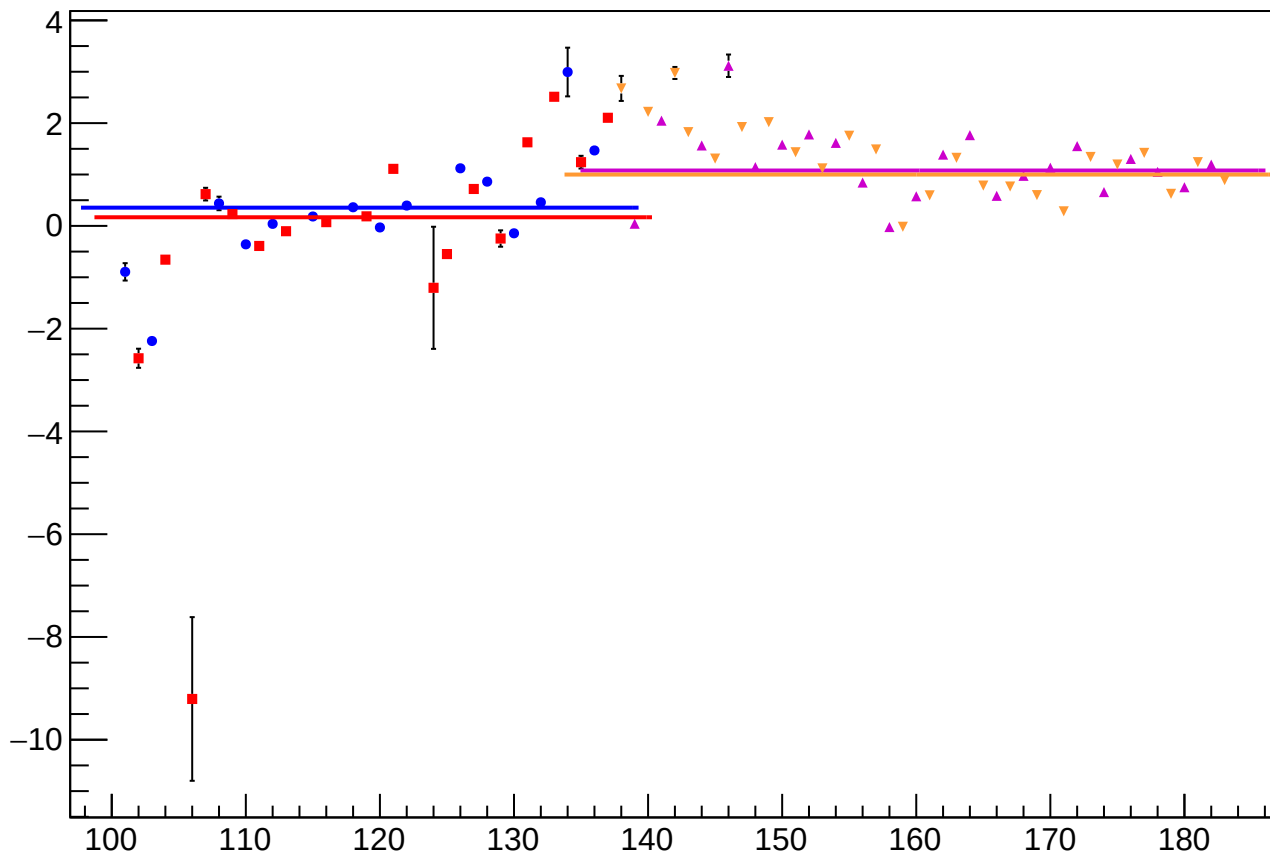
Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32

In: 109.712 $\pm$ 0.019 χ^2 /NDF: 1261621.7/36

Out: 110.208 $\pm$ 0.022 χ^2 /NDF: 1148326.7/41

All: 109.927 $\pm$ 0.014 χ^2 /NDF: 2410236.9/78

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 $\chi^2/\text{NDF}: 4011.3/14$

Left Out: 0.999 ± 0.007 $\chi^2/\text{NDF}: 6512.9/23$

Right Out: 0.168 ± 0.008 $\chi^2/\text{NDF}: 4588.1/17$

Left In: 1.078 ± 0.007 $\chi^2/\text{NDF}: 7164.1/21$

Left: 1.040 ± 0.005 $\chi^2/\text{NDF}: 13746.7/45$

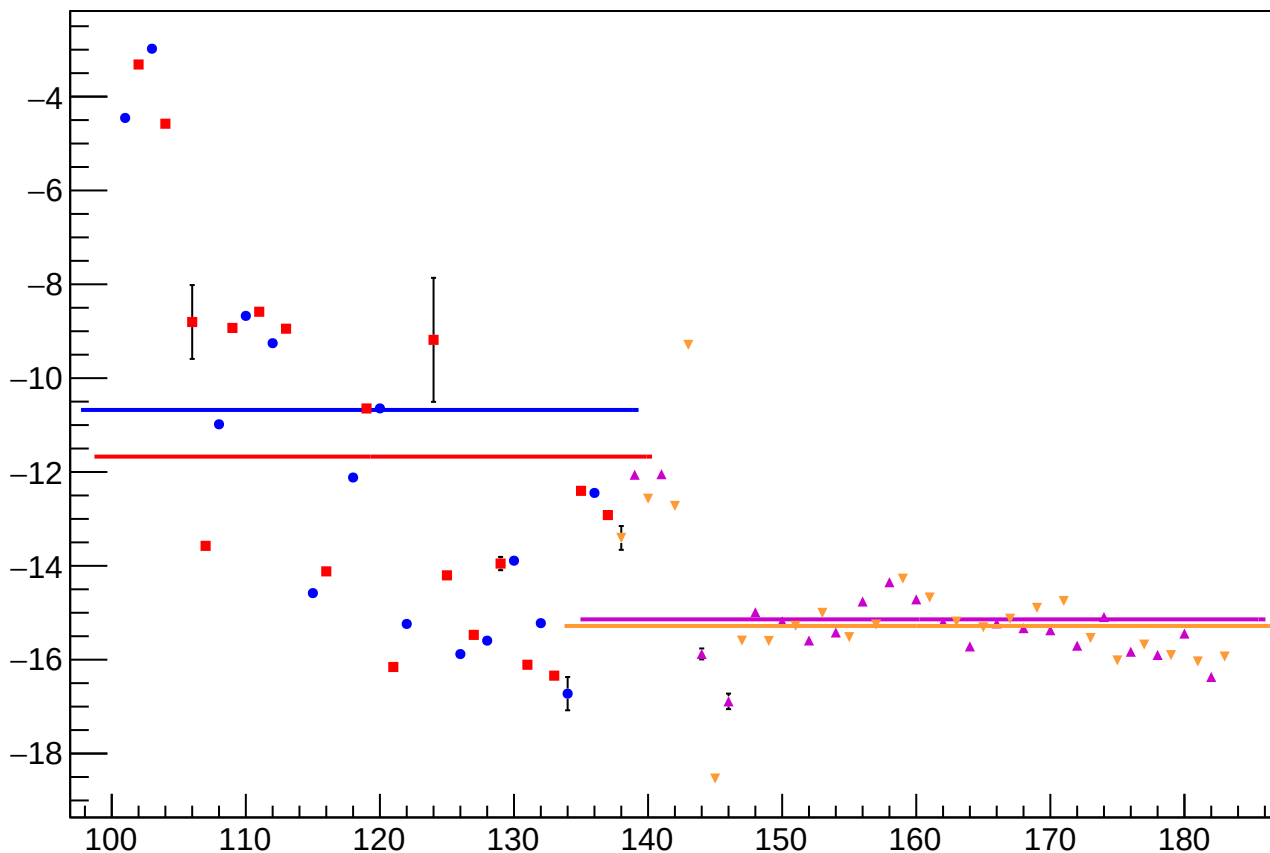
Right: 0.223 ± 0.006 $\chi^2/\text{NDF}: 8777.2/32$

In: 0.908 ± 0.006 $\chi^2/\text{NDF}: 14067.7/36$

Out: 0.632 ± 0.005 $\chi^2/\text{NDF}: 17703.1/41$

All: 0.755 ± 0.004 $\chi^2/\text{NDF}: 33085.9/78$

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 $\pm$ 0.010 χ^2/NDF : 226791.0/14

Left Out: -15.281 $\pm$ 0.005 χ^2/NDF : 40702.2/23

Right Out: -11.672 $\pm$ 0.012 χ^2/NDF : 107844.6/17

Left In: -15.141 $\pm$ 0.006 χ^2/NDF : 15541.2/21

Left: -15.216 $\pm$ 0.004 χ^2/NDF : 56556.0/45

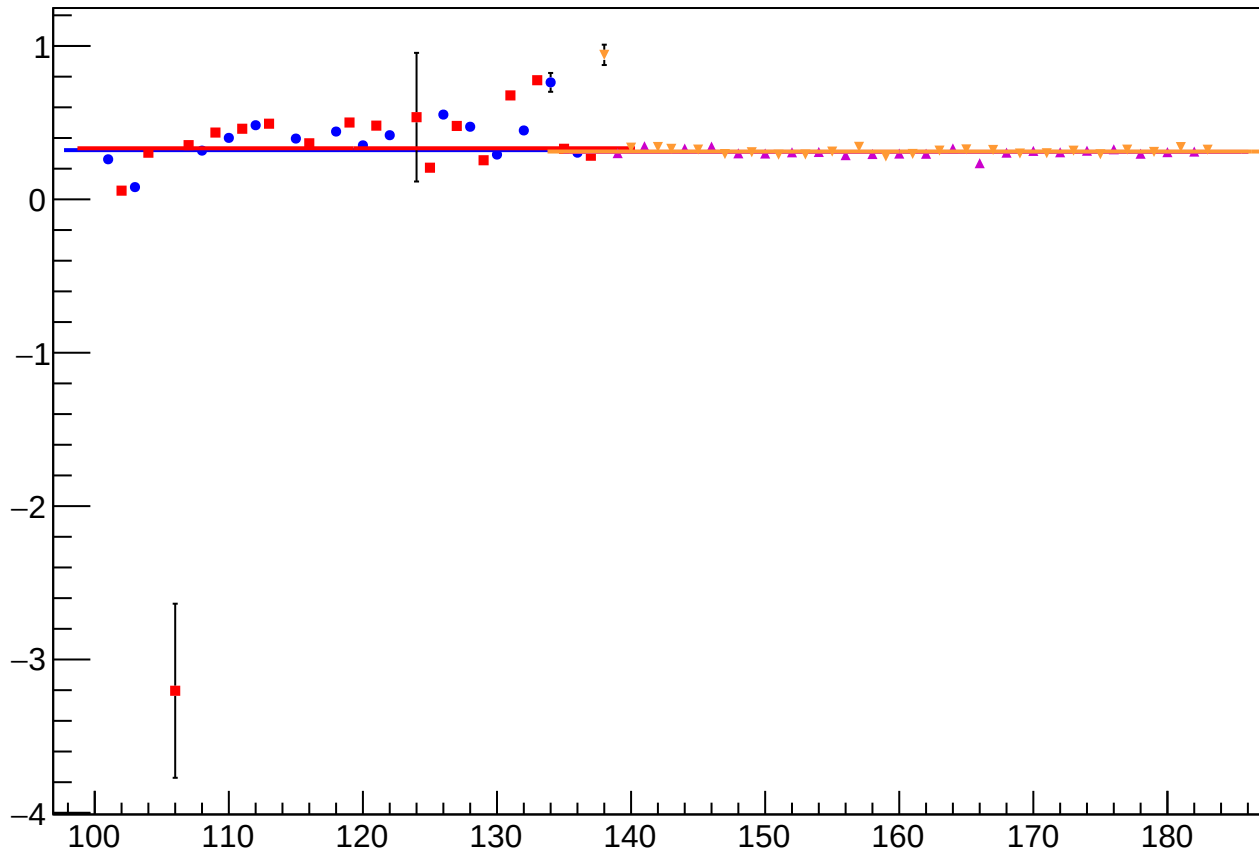
Right: -11.113 $\pm$ 0.008 χ^2/NDF : 338735.1/32

In: -14.060 $\pm$ 0.005 χ^2/NDF : 385204.1/36

Out: -14.638 $\pm$ 0.005 χ^2/NDF : 227536.8/41

All: -14.357 $\pm$ 0.004 χ^2/NDF : 619456.0/78

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.312+/-0.000 χ^2/NDF : 5414.1/23

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.309+/-0.000 χ^2/NDF : 2992.5/21

Left: 0.311+/-0.000 χ^2/NDF : 8461.8/45

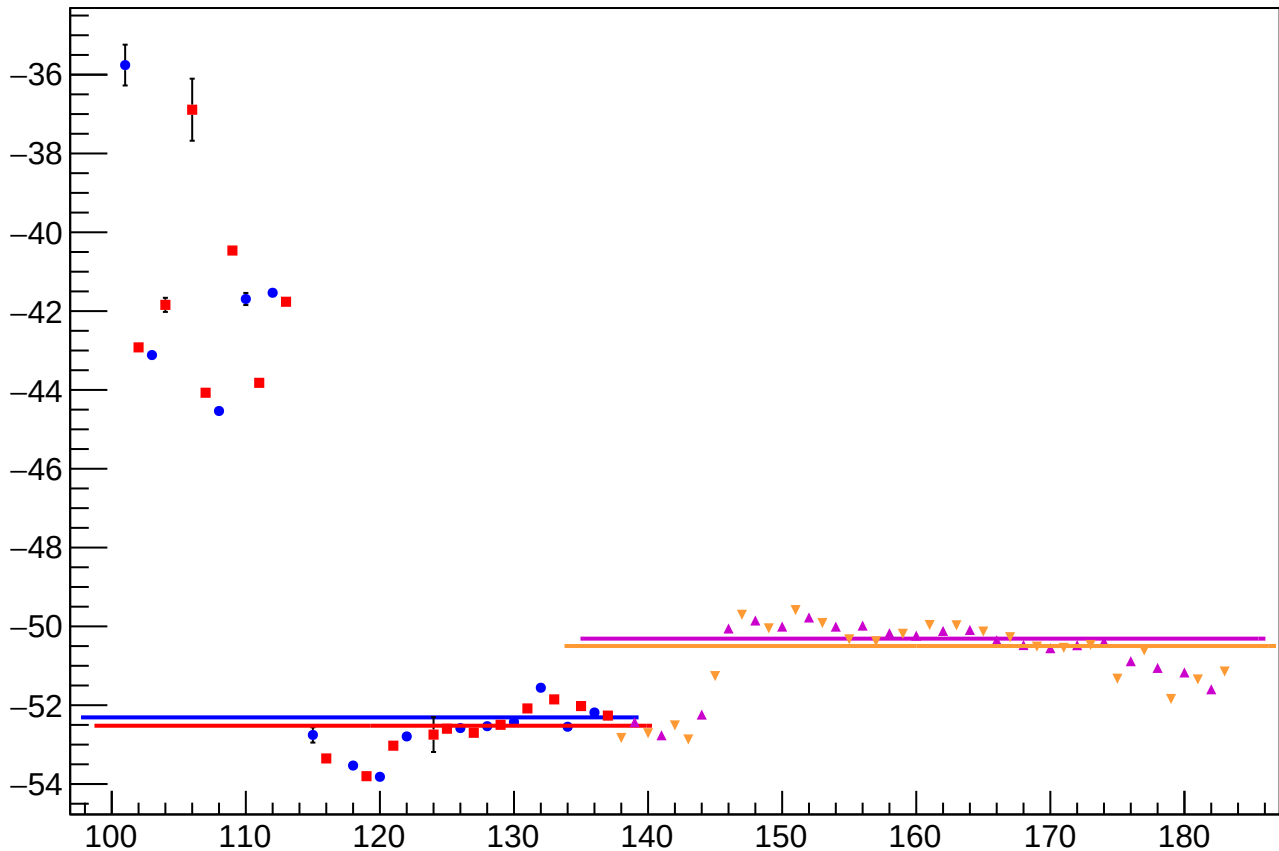
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.310+/-0.000 χ^2/NDF : 7152.9/36

Out: 0.312+/-0.000 χ^2/NDF : 9863.0/41

All: 0.311+/-0.000 χ^2/NDF : 17073.0/78

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 $\chi^2/\text{NDF}: 53459.2/14$

Left Out: -50.498 ± 0.001 $\chi^2/\text{NDF}: 275427.5/23$

Right Out: -52.521 ± 0.005 $\chi^2/\text{NDF}: 76616.3/17$

Left In: -50.311 ± 0.001 $\chi^2/\text{NDF}: 180980.3/21$

Left: -50.393 ± 0.001 $\chi^2/\text{NDF}: 465636.4/45$

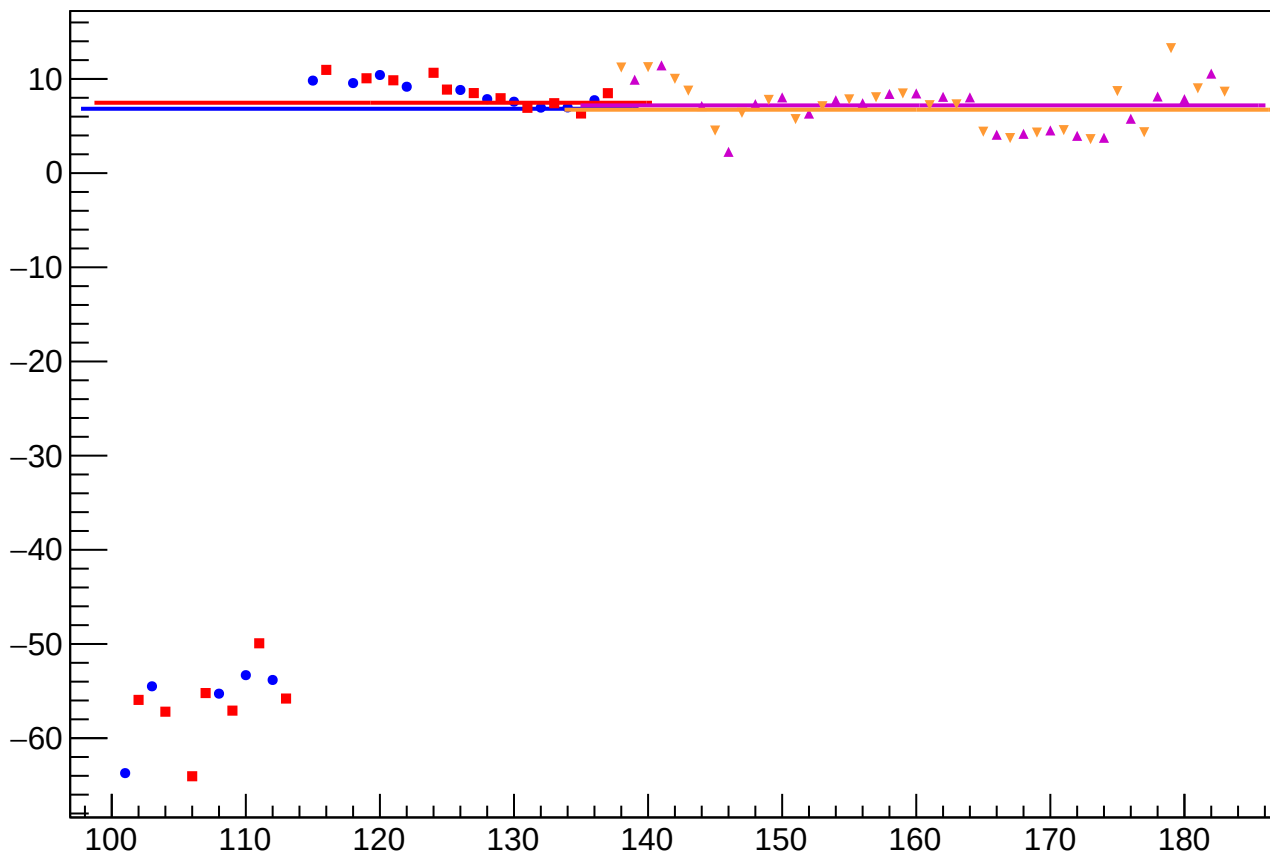
Right: -52.410 ± 0.003 $\chi^2/\text{NDF}: 131177.9/32$

In: -50.468 ± 0.001 $\chi^2/\text{NDF}: 423214.6/36$

Out: -50.682 ± 0.001 $\chi^2/\text{NDF}: 527412.0/41$

All: -50.563 ± 0.001 $\chi^2/\text{NDF}: 963859.6/78$

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 $\pm$ 0.005 χ^2 /NDF: 990576.4/14

Left Out: 6.734 $\pm$ 0.004 χ^2 /NDF:335883.2/23

Right Out: 7.474 $\pm$ 0.009 χ^2 /NDF: 1195498.7/17

Left In: 7.192 $\pm$ 0.003 χ^2 /NDF:199569.9/21

Left: 6.980 $\pm$ 0.003 χ^2 /NDF: 543572.1/45

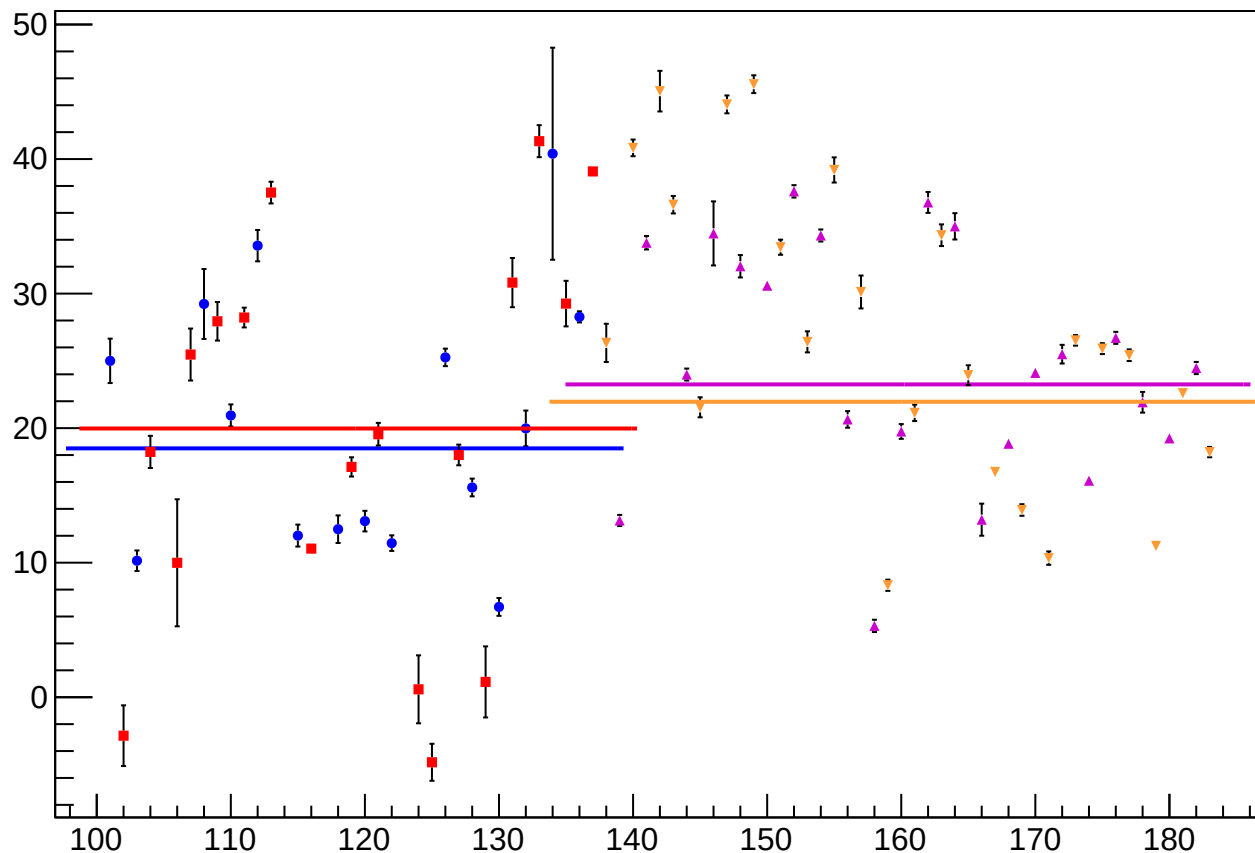
Right: 6.980 $\pm$ 0.004 χ^2 /NDF: 2189734.1/32

In: 7.078 $\pm$ 0.003 χ^2 /NDF:1193557.7/36

Out: 6.836 $\pm$ 0.003 χ^2 /NDF:1536849.1/41

All: 6.980 $\pm$ 0.002 χ^2 /NDF: 2733306.3/78

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2 /NDF: 1636.7/14

Left Out: 21.963 $\pm$ 0.101 χ^2 /NDF:8944.2/23

Right Out: 19.974 $\pm$ 0.130 χ^2 /NDF: 9201.3/17

Left In: 23.250 $\pm$ 0.097 χ^2 /NDF:6338.8/21

Left: 22.628 $\pm$ 0.070 χ^2 /NDF: 15367.5/45

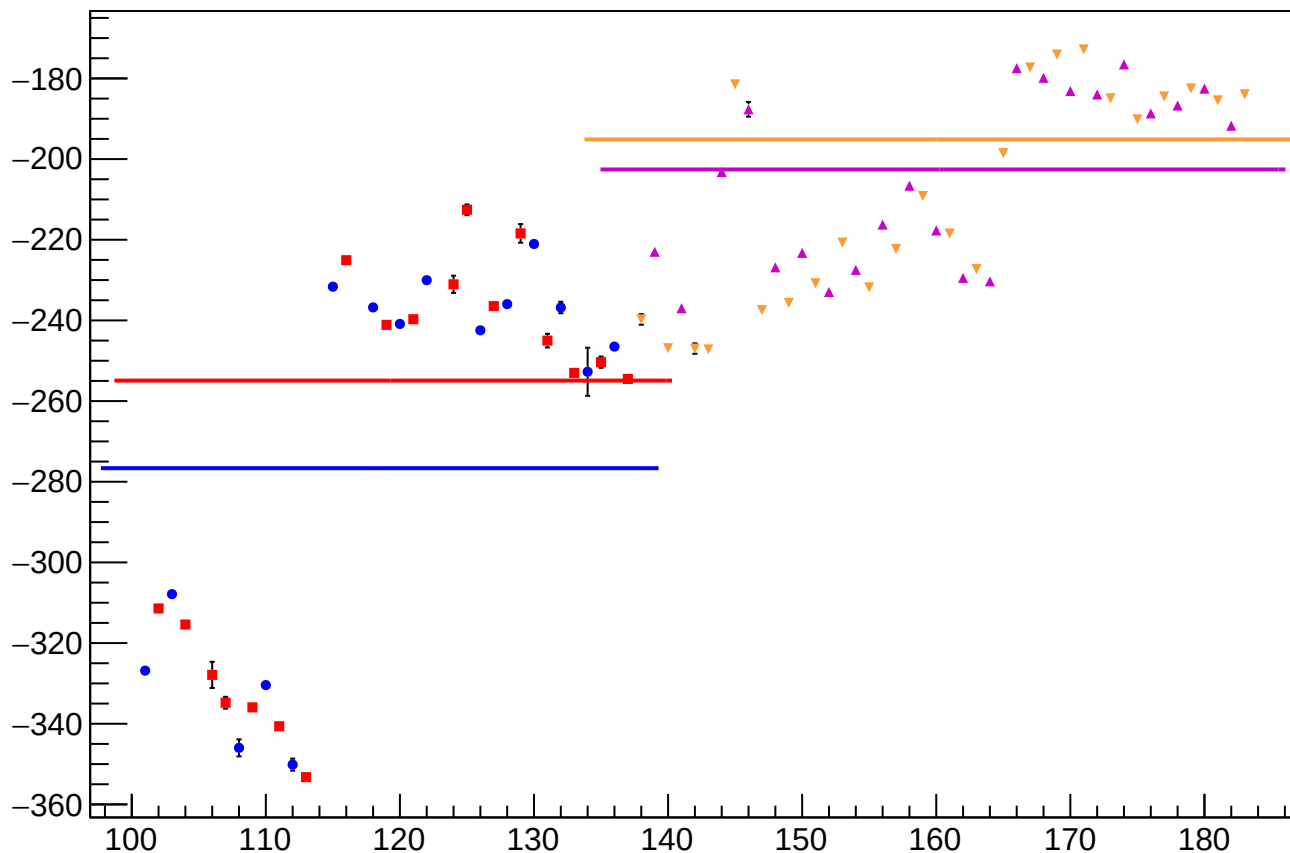
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

In: 22.339 $\pm$ 0.088 χ^2 /NDF:8432.0/36

Out: 21.218 $\pm$ 0.080 χ^2 /NDF:18291.6/41

All: 21.725 $\pm$ 0.059 χ^2 /NDF: 26813.1/78

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -195.126 ± 0.084 $\chi^2/\text{NDF}: 70659.4/23$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -202.573 ± 0.086 $\chi^2/\text{NDF}: 62708.7/21$

Left: -198.760 ± 0.060 $\chi^2/\text{NDF}: 137198.4/45$

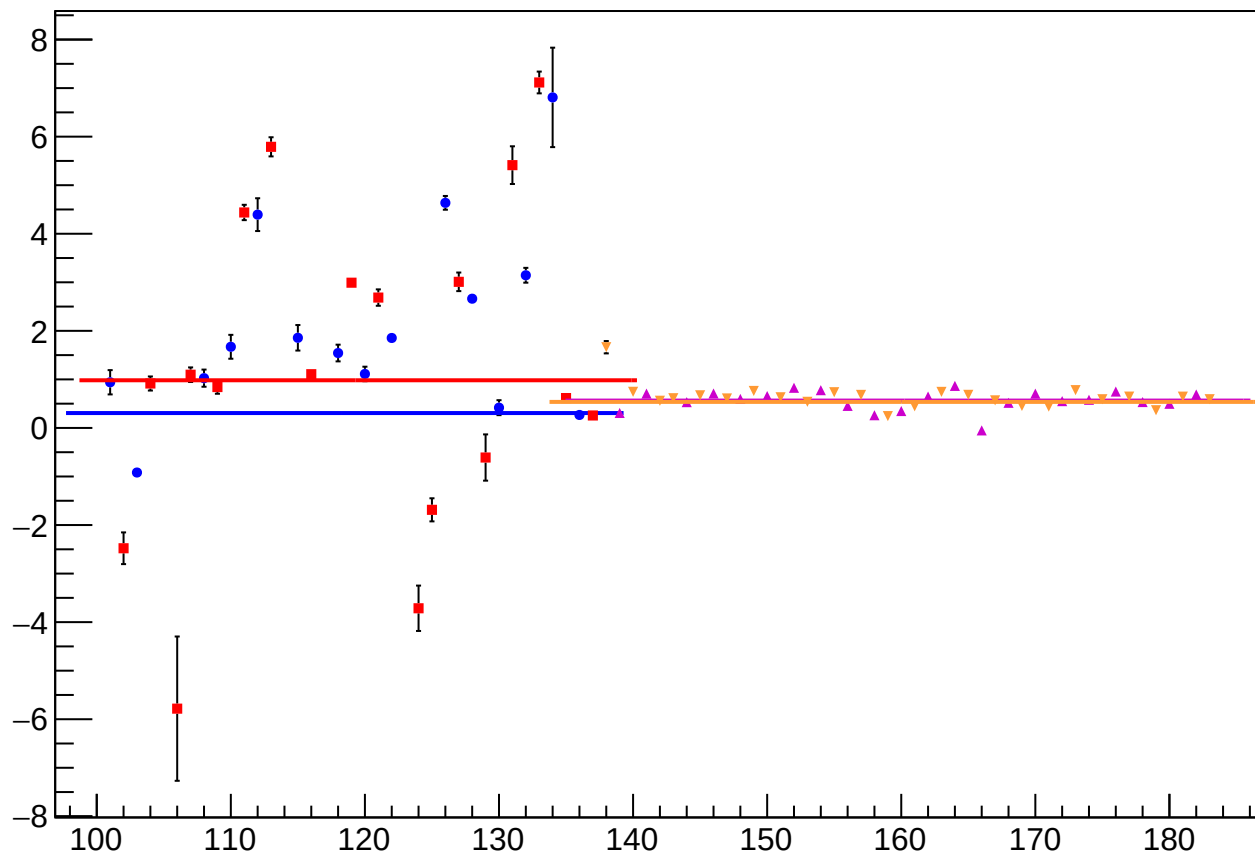
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -221.387 ± 0.074 $\chi^2/\text{NDF}: 327796.9/36$

Out: -229.927 ± 0.054 $\chi^2/\text{NDF}: 437188.4/41$

All: -226.954 ± 0.044 $\chi^2/\text{NDF}: 773582.2/78$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 $\pm$ 0.007 χ^2/NDF : 2787.0/14

Left Out: 0.536 $\pm$ 0.002 χ^2/NDF : 11037.4/23

Right Out: 0.982 $\pm$ 0.015 χ^2/NDF : 3374.7/17

Left In: 0.564 $\pm$ 0.001 χ^2/NDF : 16157.7/21

Left: 0.552 $\pm$ 0.001 χ^2/NDF : 27348.7/45

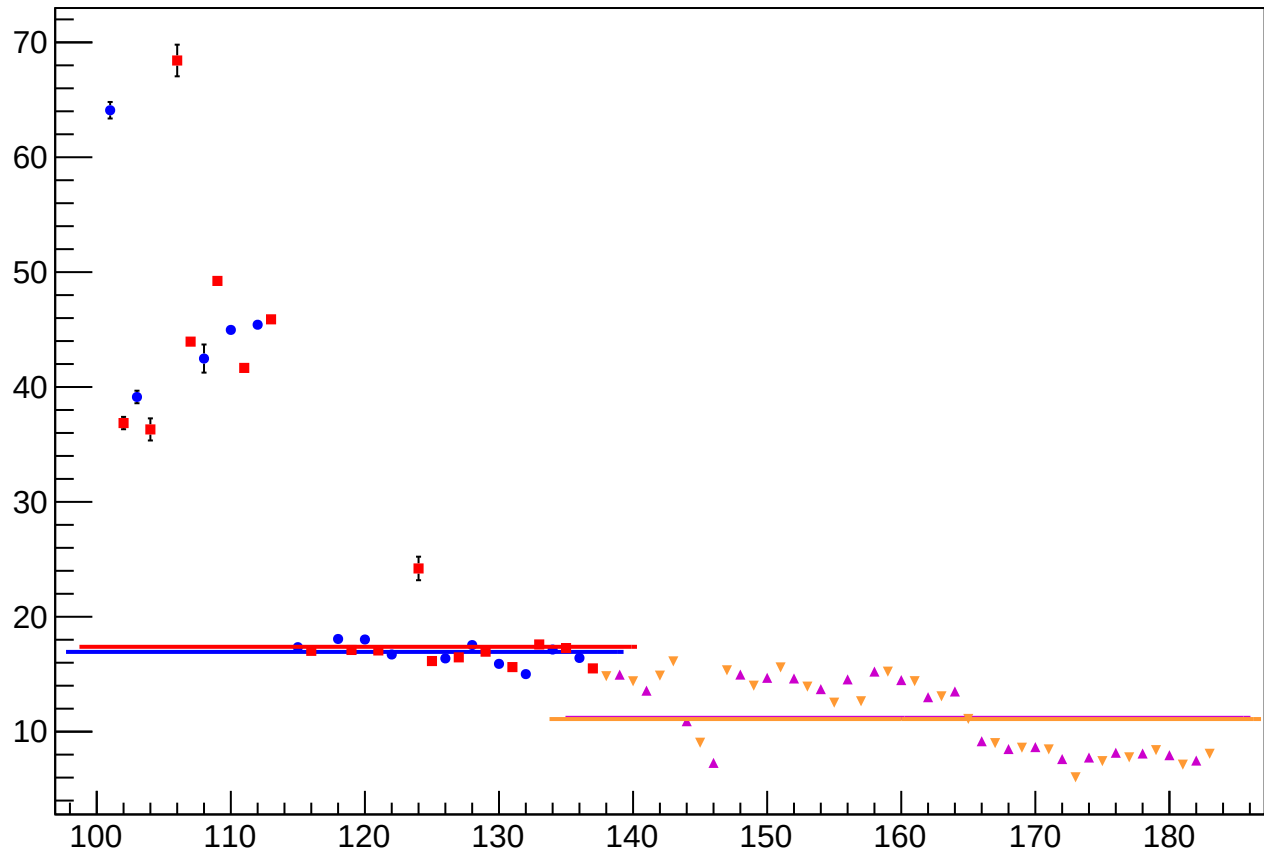
Right: 0.421 $\pm$ 0.006 χ^2/NDF : 7919.2/32

In: 0.552 $\pm$ 0.001 χ^2/NDF : 20374.6/36

Out: 0.542 $\pm$ 0.002 χ^2/NDF : 15322.1/41

All: 0.548 $\pm$ 0.001 χ^2/NDF : 35717.8/78

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 11.097 ± 0.007 $\chi^2/\text{NDF}: 262500.6/23$

Right Out: 17.385 ± 0.018 $\chi^2/\text{NDF}: 61131.5/17$

Left In: 11.204 ± 0.007 $\chi^2/\text{NDF}: 220065.4/21$

Left: 11.150 ± 0.005 $\chi^2/\text{NDF}: 482692.3/45$

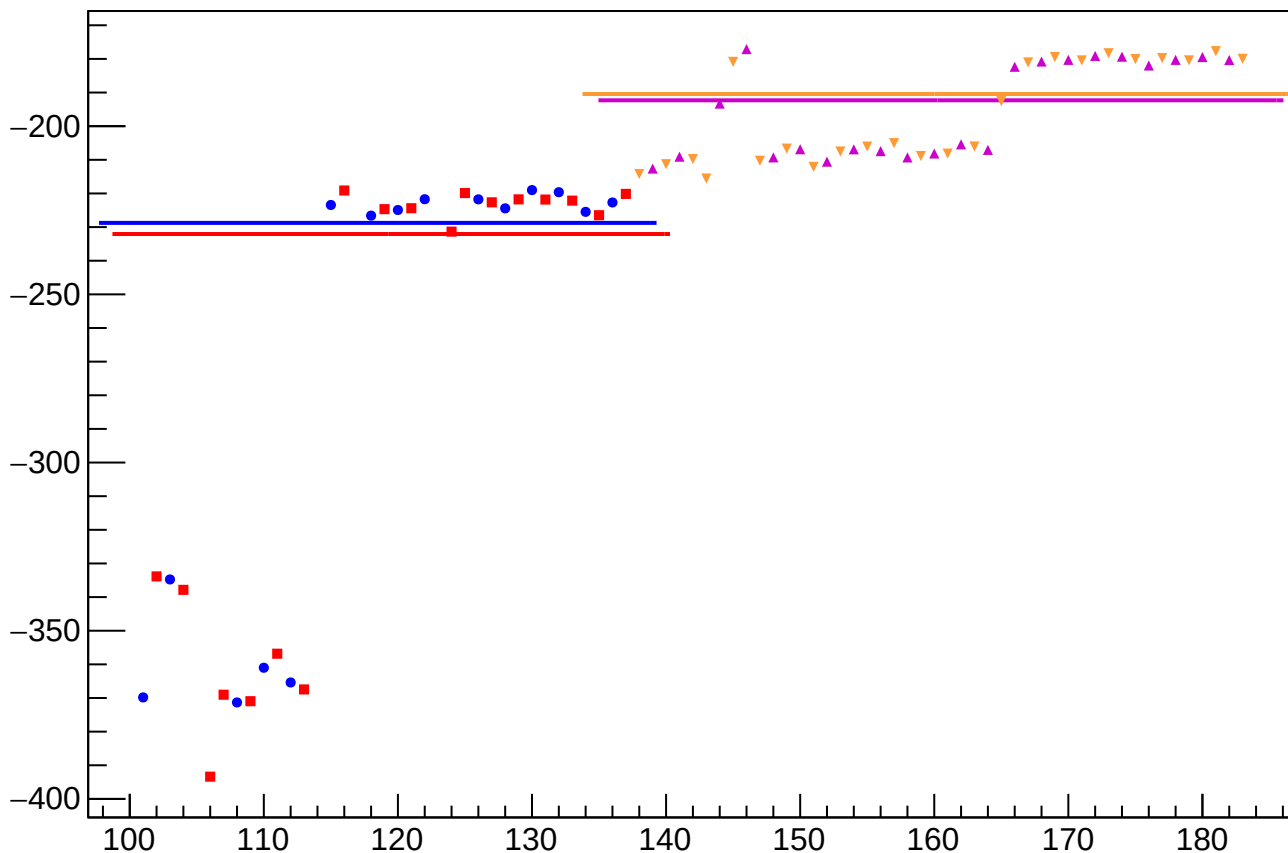
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 12.440 ± 0.006 $\chi^2/\text{NDF}: 405005.2/36$

Out: 11.903 ± 0.006 $\chi^2/\text{NDF}: 435058.9/41$

All: 12.186 ± 0.004 $\chi^2/\text{NDF}: 843891.5/78$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 χ^2/NDF : 657578.5/14

Left Out: -190.438 ± 0.012 χ^2/NDF : 1505401.0/23

Right Out: -232.058 ± 0.041 χ^2/NDF : 791526.5/17

Left In: -192.310 ± 0.012 χ^2/NDF : 1409845.4/21

Left: -191.365 ± 0.008 χ^2/NDF : 2928143.7/45

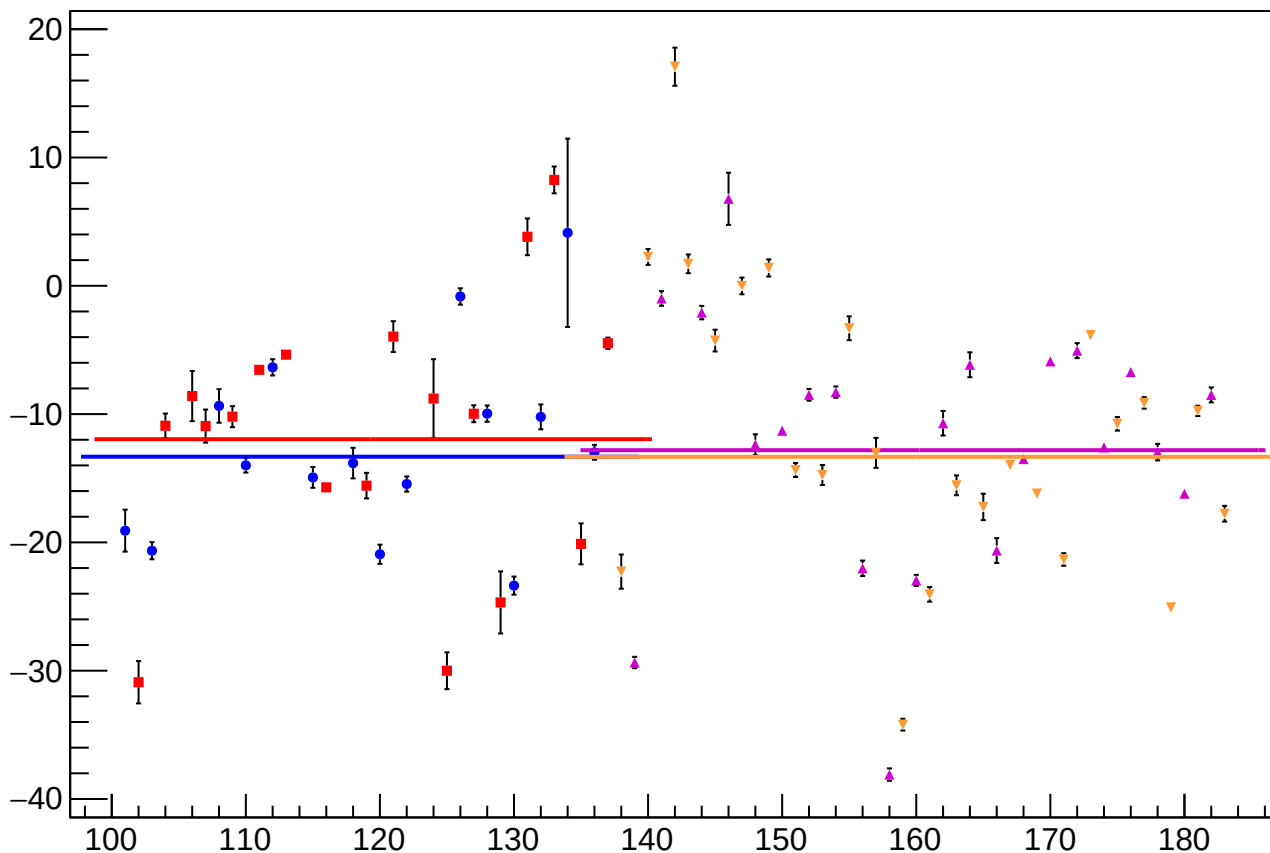
Right: -230.117 ± 0.027 χ^2/NDF : 1452870.5/32

In: -196.038 ± 0.011 χ^2/NDF : 3058247.8/36

Out: -193.479 ± 0.011 χ^2/NDF : 3238205.1/41

All: -194.767 ± 0.008 χ^2/NDF : 6322881.2/78

dit_sam3_4aX_slope vs Slug, Sign Corrected



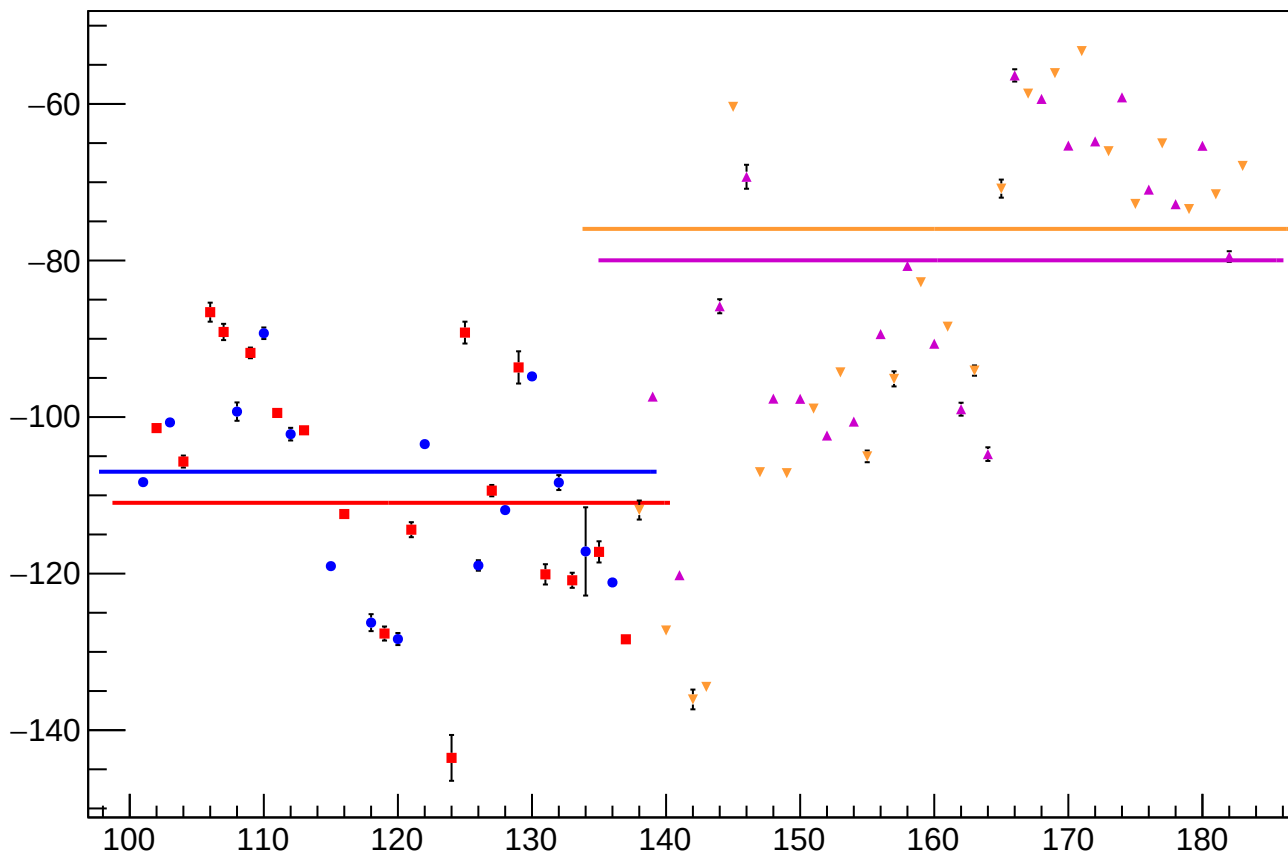
Right In: -13.321+/-0.194 χ^2/NDF : 1013.0/14
 Left Out: -13.330+/-0.109 χ^2/NDF : 7285.3/23
 Right Out: -11.956+/-0.113 χ^2/NDF : 2487.2/17
 Left In: -12.813+/-0.100 χ^2/NDF : 7327.5/21

Left: -13.048+/-0.074 χ^2/NDF : 14625.1/45
 Right: -12.301+/-0.097 χ^2/NDF : 3537.3/32

In: -12.919+/-0.089 χ^2/NDF : 8346.0/36
 Out: -12.664+/-0.078 χ^2/NDF : 9849.2/41

All: -12.776+/-0.059 χ^2/NDF : 18199.8/78

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -75.960 ± 0.086 χ^2/NDF : 53788.8/23

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -79.976 ± 0.086 χ^2/NDF : 44352.4/21

Left: -77.965 ± 0.061 χ^2/NDF : 99235.0/45

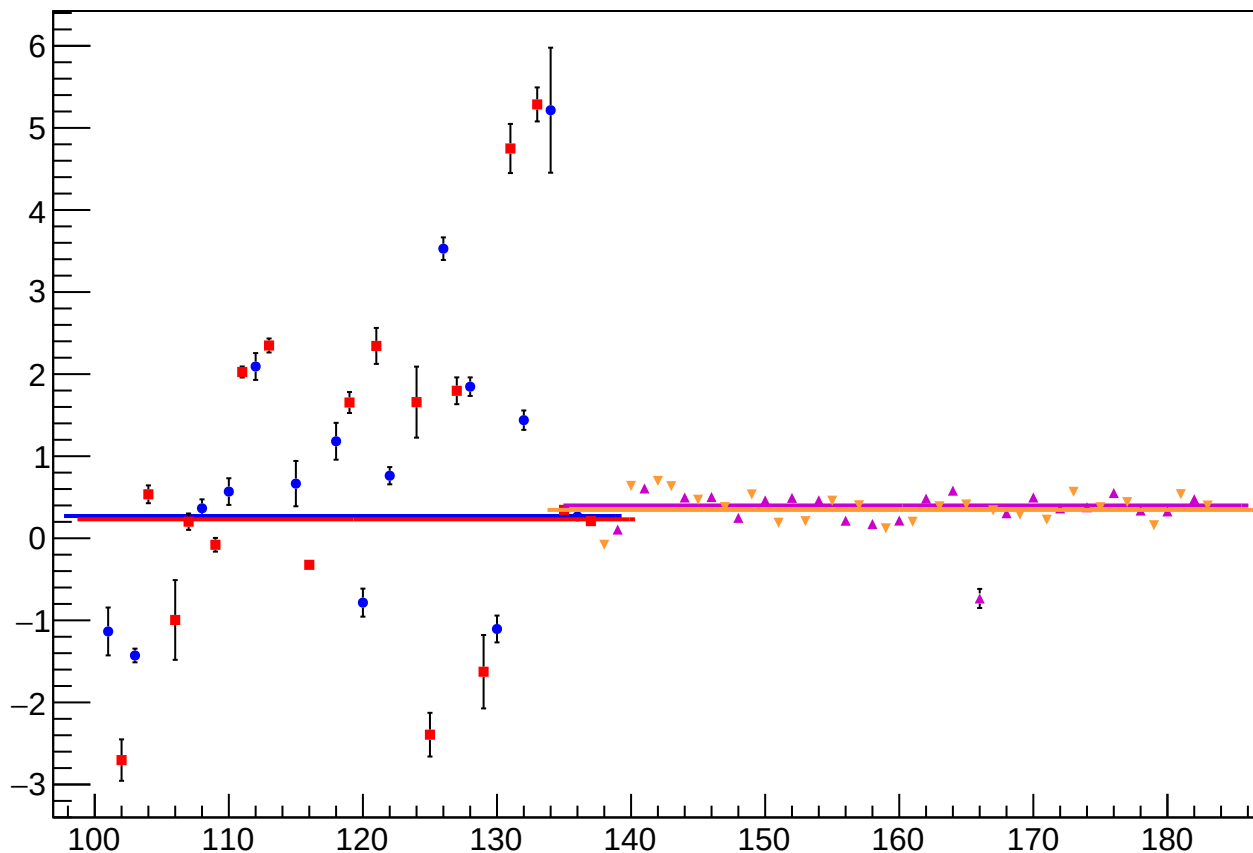
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -90.208 ± 0.068 χ^2/NDF : 86434.5/36

Out: -102.035 ± 0.043 χ^2/NDF : 188400.5/41

All: -98.601 ± 0.036 χ^2/NDF : 296478.4/78

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 χ^2/NDF : 1612.2/14

Left Out: 0.346 ± 0.002 χ^2/NDF : 10444.6/23

Right Out: 0.231 ± 0.004 χ^2/NDF : 2907.8/17

Left In: 0.400 ± 0.001 χ^2/NDF : 9756.0/21

Left: 0.376 ± 0.001 χ^2/NDF : 20797.0/45

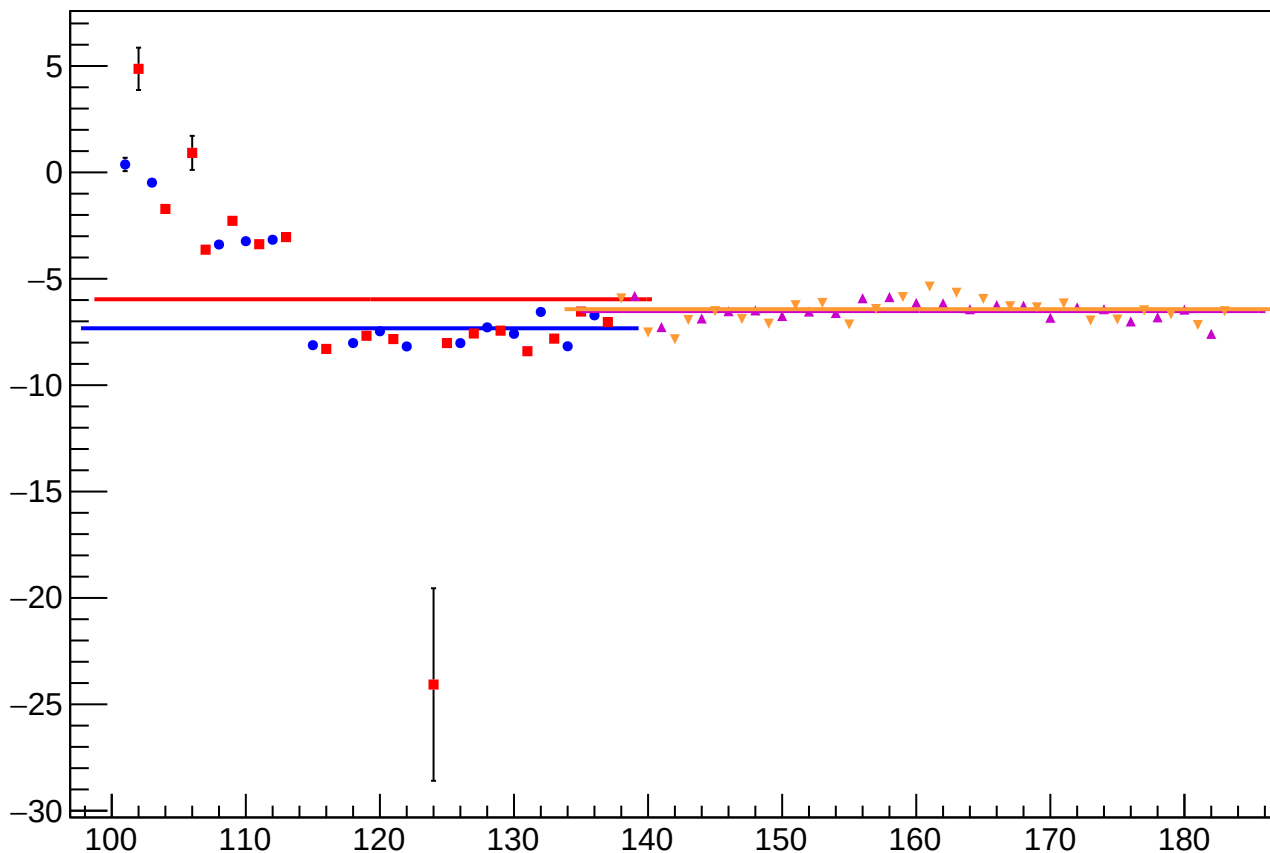
Right: 0.247 ± 0.003 χ^2/NDF : 4554.2/32

In: 0.391 ± 0.001 χ^2/NDF : 11909.6/36

Out: 0.332 ± 0.002 χ^2/NDF : 13945.8/41

All: 0.364 ± 0.001 χ^2/NDF : 26651.0/78

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327+/-0.008 χ^2/NDF : 30494.2/14

Left Out: -6.428+/-0.005 χ^2/NDF : 7324.0/23

Right Out: -5.964+/-0.009 χ^2/NDF : 71807.1/17

Left In: -6.519+/-0.005 χ^2/NDF : 7032.4/21

Left: -6.476+/-0.003 χ^2/NDF : 14538.6/45

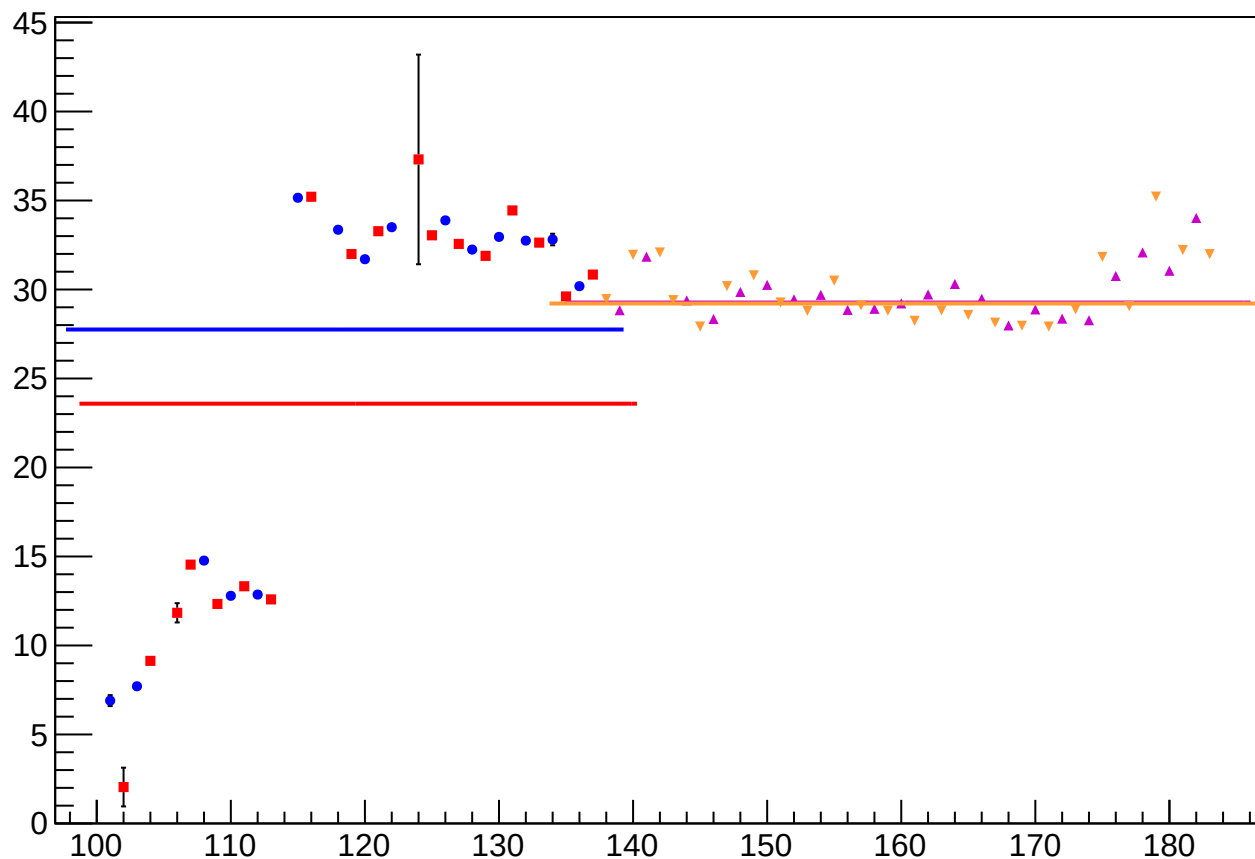
Right: -6.677+/-0.006 χ^2/NDF : 114918.0/32

In: -6.707+/-0.004 χ^2/NDF : 44661.5/36

Out: -6.320+/-0.004 χ^2/NDF : 81279.7/41

All: -6.523+/-0.003 χ^2/NDF : 130301.2/78

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 29.213 $\pm$ 0.008 χ^2 /NDF: 40113.9/23

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.268 $\pm$ 0.008 χ^2 /NDF: 11583.8/21

Left: 29.240 $\pm$ 0.006 χ^2 /NDF: 51718.7/45

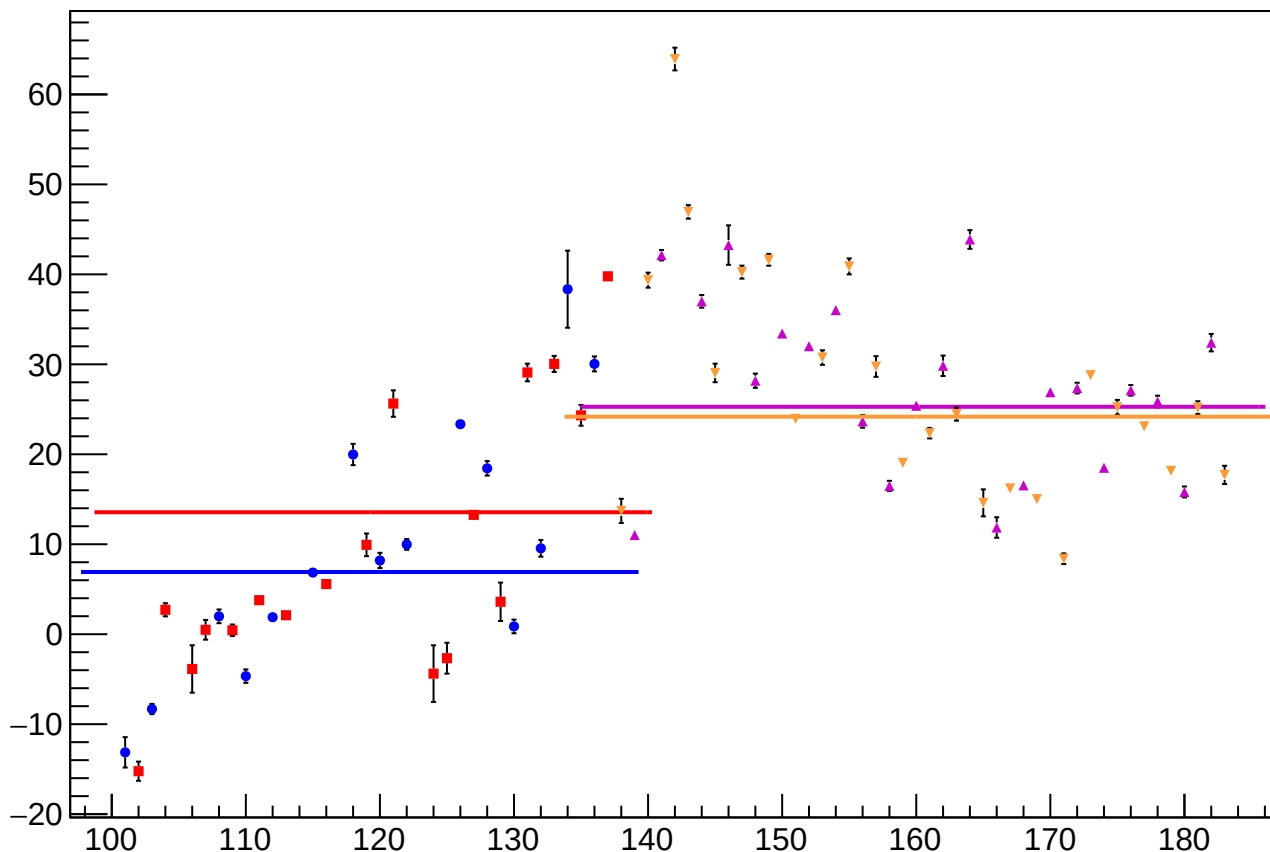
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.906 $\pm$ 0.007 χ^2 /NDF: 352241.7/36

Out: 27.687 $\pm$ 0.007 χ^2 /NDF: 702505.7/41

All: 28.279 $\pm$ 0.005 χ^2 /NDF: 1068891.2/78

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$

Left Out: 24.179 ± 0.127 $\chi^2/\text{NDF}: 6170.5/23$

Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$

Left In: 25.279 ± 0.114 $\chi^2/\text{NDF}: 6121.5/21$

Left: 24.792 ± 0.085 $\chi^2/\text{NDF}: 12333.4/45$

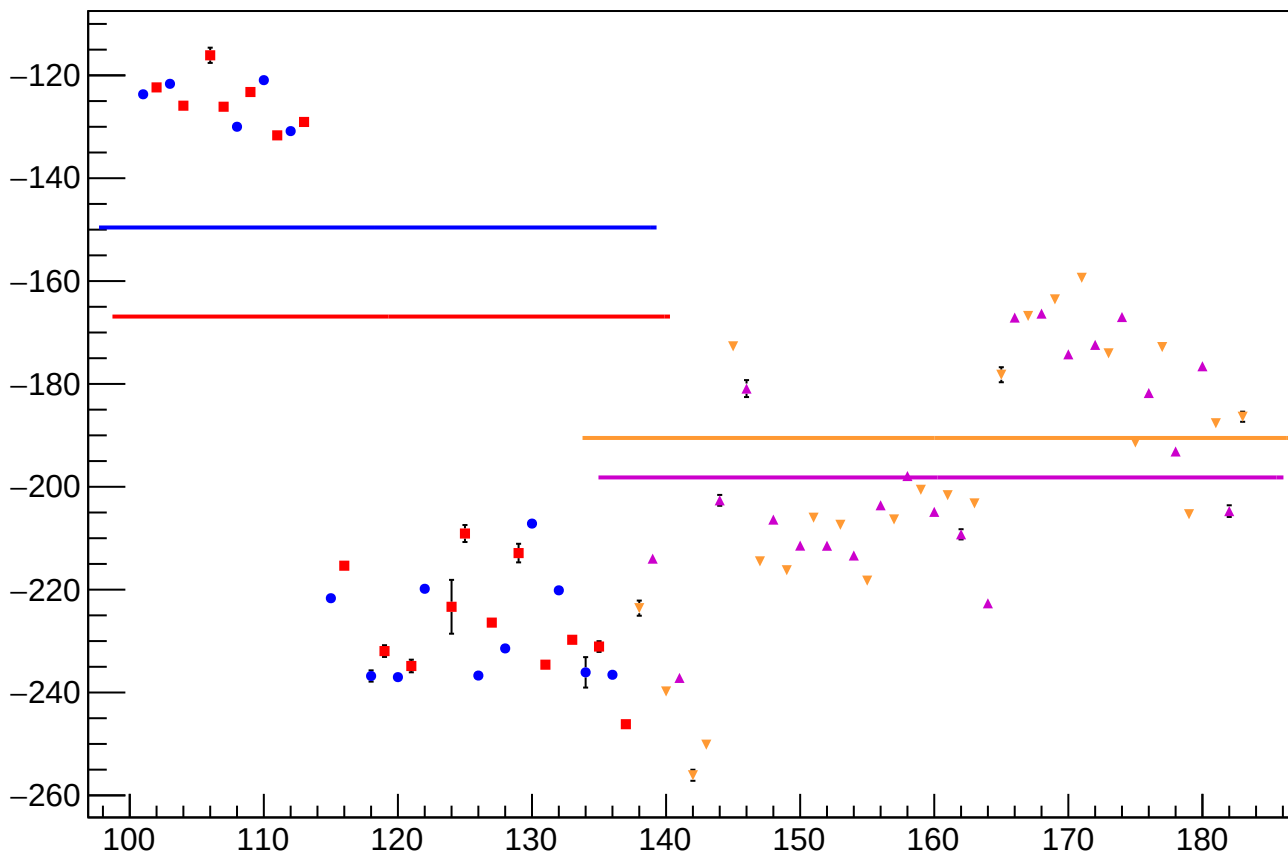
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 19.905 ± 0.096 $\chi^2/\text{NDF}: 17277.1/36$

Out: 19.552 ± 0.096 $\chi^2/\text{NDF}: 20853.7/41$

All: 19.729 ± 0.068 $\chi^2/\text{NDF}: 38137.5/78$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580+/-0.101 χ^2/NDF : 195091.5/14

Left Out: -190.505+/-0.103 χ^2/NDF : 50654.7/23

Right Out: -166.899+/-0.101 χ^2/NDF : 295489.9/17

Left In: -198.182+/-0.099 χ^2/NDF : 42023.8/21

Left: -194.524+/-0.071 χ^2/NDF : 95562.8/45

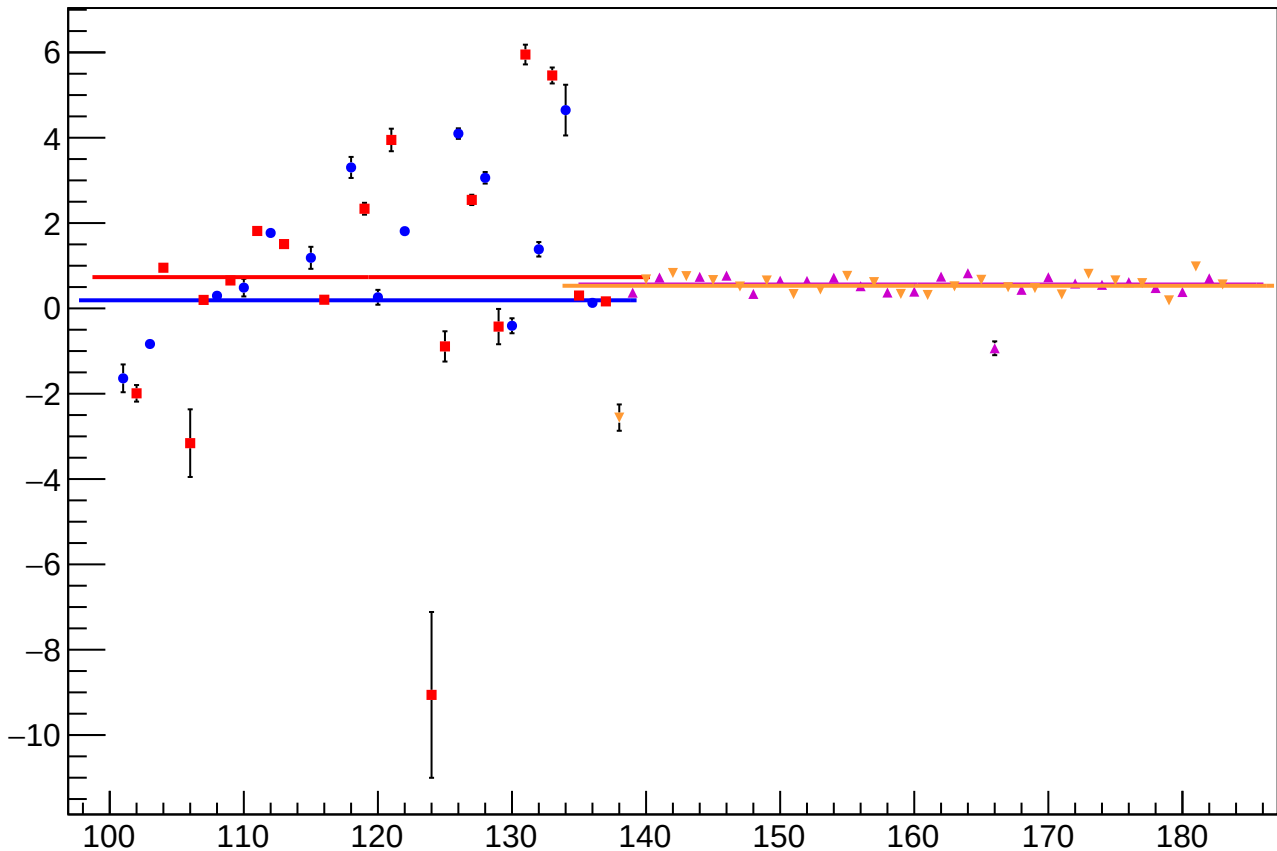
Right: -158.264+/-0.071 χ^2/NDF : 505360.9/32

In: -174.415+/-0.071 χ^2/NDF : 355739.0/36

Out: -178.375+/-0.072 χ^2/NDF : 372918.0/41

All: -176.351+/-0.050 χ^2/NDF : 730198.0/78

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.530 $\pm$ 0.002 χ^2 /NDF:8554.8/23

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.559 $\pm$ 0.002 χ^2 /NDF:5569.4/21

Left: 0.546 $\pm$ 0.001 χ^2 /NDF: 14228.2/45

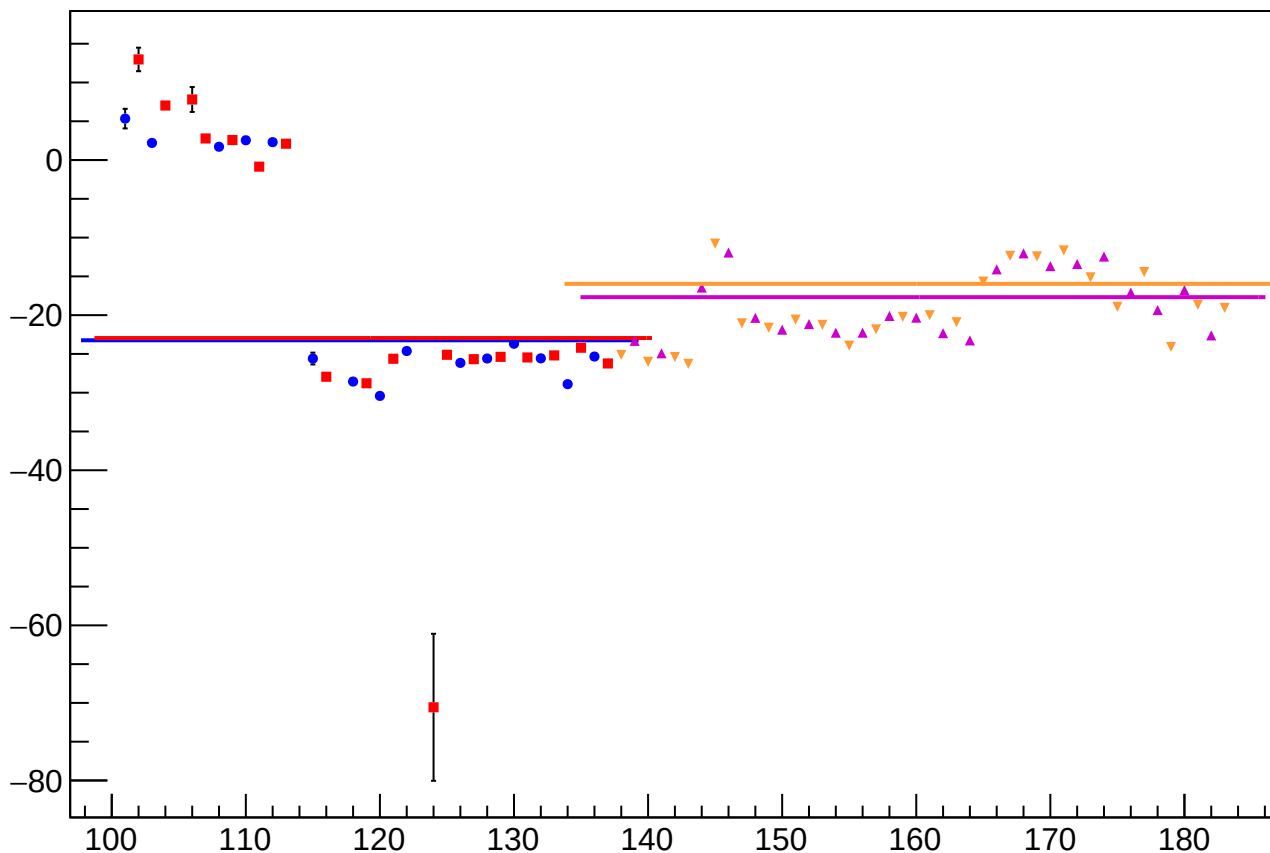
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.541 $\pm$ 0.002 χ^2 /NDF:10050.6/36

Out: 0.533 $\pm$ 0.002 χ^2 /NDF:11325.5/41

All: 0.537 $\pm$ 0.001 χ^2 /NDF: 21386.1/78

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241+/-0.025 χ^2/NDF : 103102.8/14

Left Out: -15.963+/-0.011 χ^2/NDF : 188462.0/23

Right Out: -22.951+/-0.025 χ^2/NDF : 108039.1/17

Left In: -17.682+/-0.012 χ^2/NDF : 120888.4/21

Left: -16.772+/-0.008 χ^2/NDF : 320744.6/45

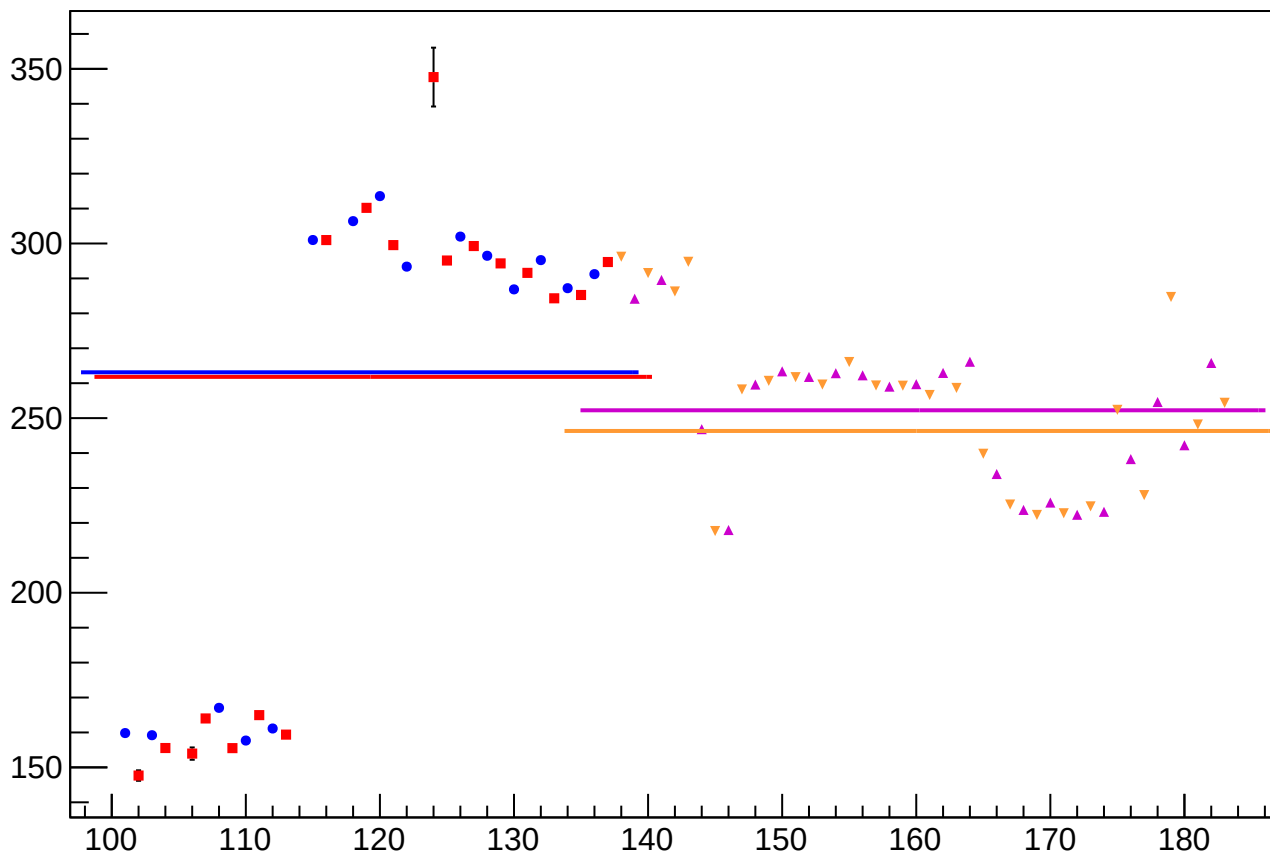
Right: -23.095+/-0.017 χ^2/NDF : 211210.7/32

In: -18.699+/-0.011 χ^2/NDF : 265167.9/36

Out: -17.128+/-0.010 χ^2/NDF : 363245.1/41

All: -17.874+/-0.007 χ^2/NDF : 639958.6/78

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 246.324+/-0.028 χ^2/NDF : 684790.0/23

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 252.242+/-0.028 χ^2/NDF : 358487.0/21

Left: 249.267+/-0.020 χ^2/NDF : 1065009.0/45

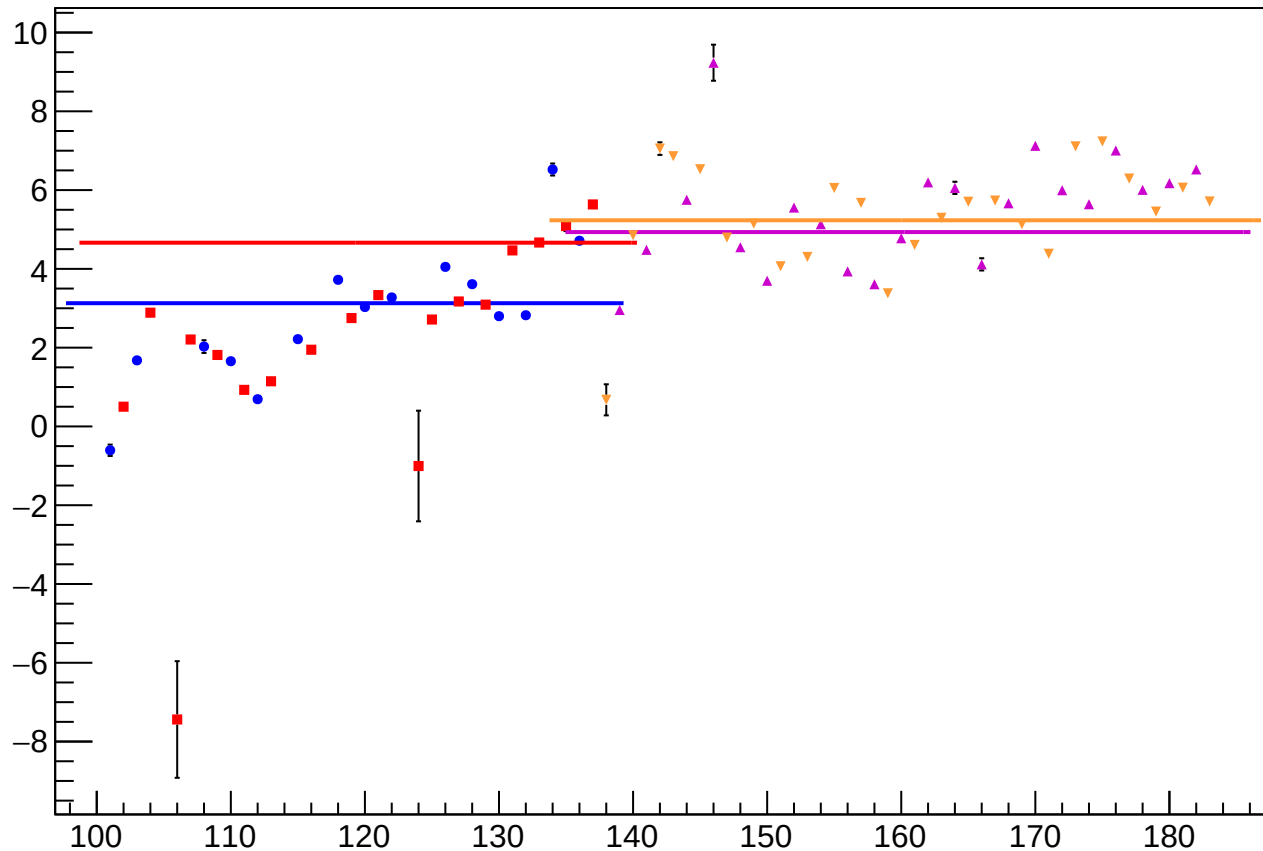
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 253.820+/-0.026 χ^2/NDF : 1072576.5/36

Out: 249.111+/-0.026 χ^2/NDF : 1744847.2/41

All: 251.405+/-0.018 χ^2/NDF : 2833853.6/78

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 χ^2/NDF : 5667.8/14

Left Out: 5.233 ± 0.014 χ^2/NDF : 4522.8/23

Right Out: 4.664 ± 0.006 χ^2/NDF : 66862.5/17

Left In: 4.934 ± 0.013 χ^2/NDF : 10567.4/21

Left: 5.073 ± 0.009 χ^2/NDF : 15343.0/45

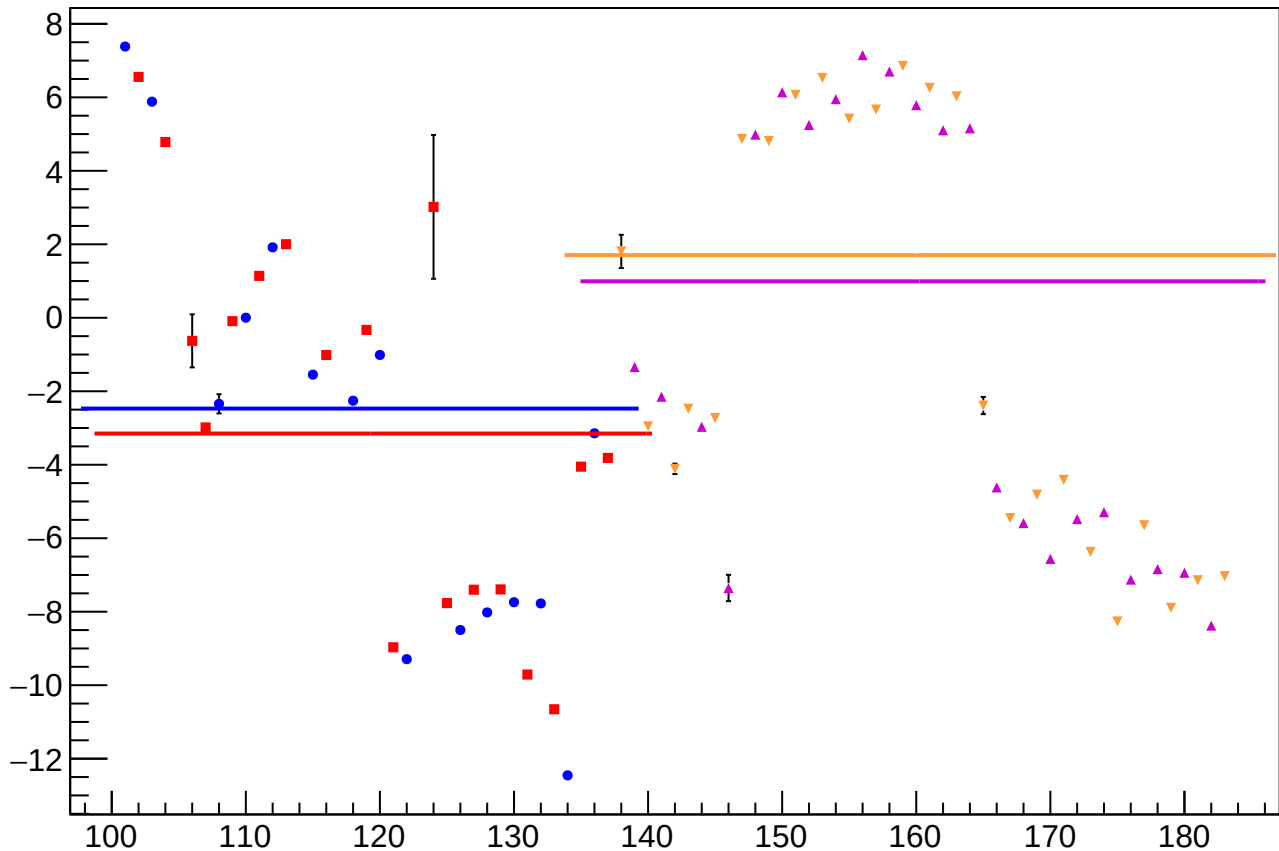
Right: 4.450 ± 0.006 χ^2/NDF : 80704.7/32

In: 4.216 ± 0.010 χ^2/NDF : 24142.1/36

Out: 4.764 ± 0.006 χ^2/NDF : 72795.4/41

All: 4.626 ± 0.005 χ^2/NDF : 99218.7/78

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471±/0.014 χ^2/NDF : 242579.9/14

Left Out: 1.704±/0.011 χ^2/NDF : 217237.2/23

Right Out: -3.151±/0.007 χ^2/NDF : 247427.7/17

Left In: 0.993±/0.011 χ^2/NDF : 250342.2/21

Left: 1.338±/0.008 χ^2/NDF : 469554.2/45

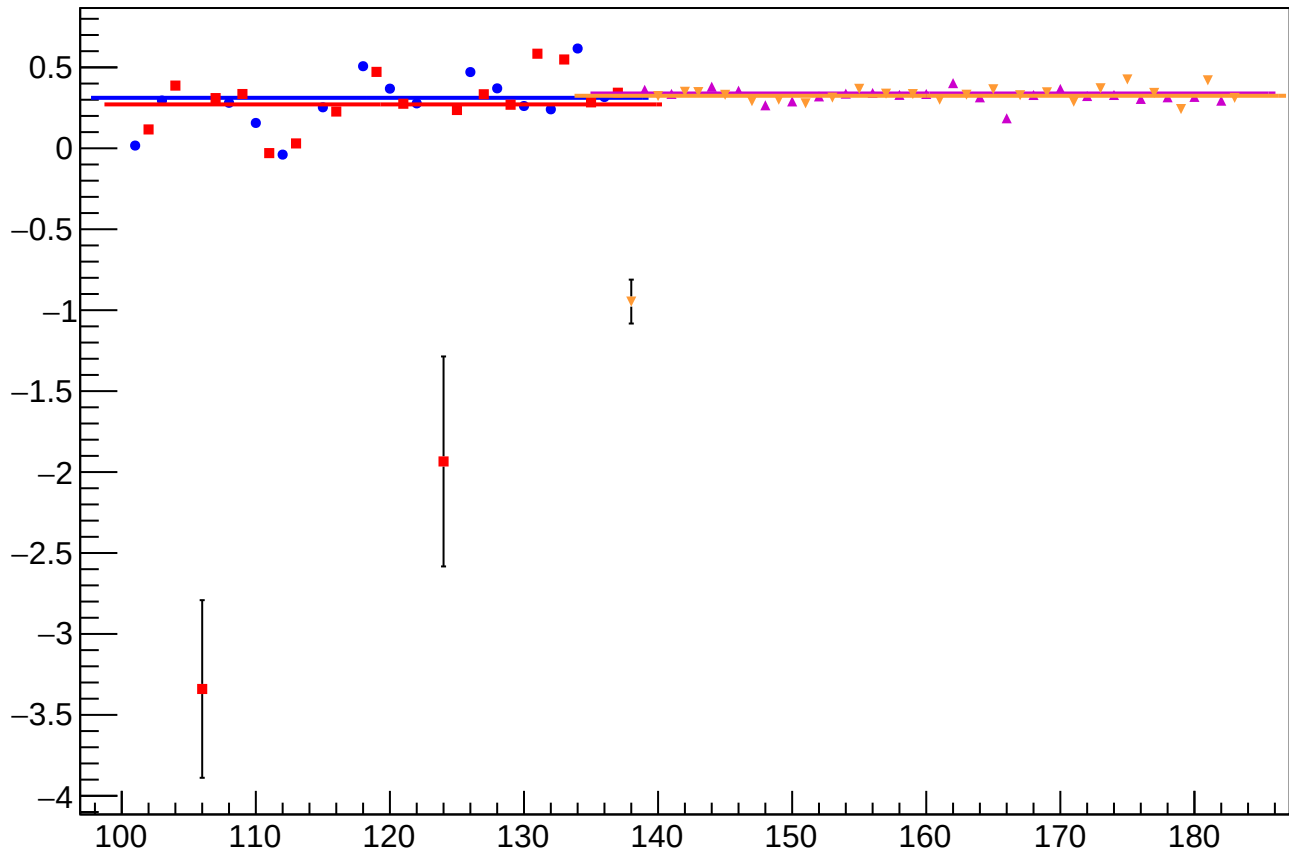
Right: -3.003±/0.007 χ^2/NDF : 491827.6/32

In: -0.340±/0.009 χ^2/NDF : 530020.5/36

Out: -1.719±/0.006 χ^2/NDF : 590498.1/41

All: -1.254±/0.005 χ^2/NDF : 1136986.2/78

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.325 ± 0.001 $\chi^2/\text{NDF}: 2881.7/23$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.339 ± 0.001 $\chi^2/\text{NDF}: 3470.9/21$

Left: 0.332 ± 0.000 $\chi^2/\text{NDF}: 6669.7/45$

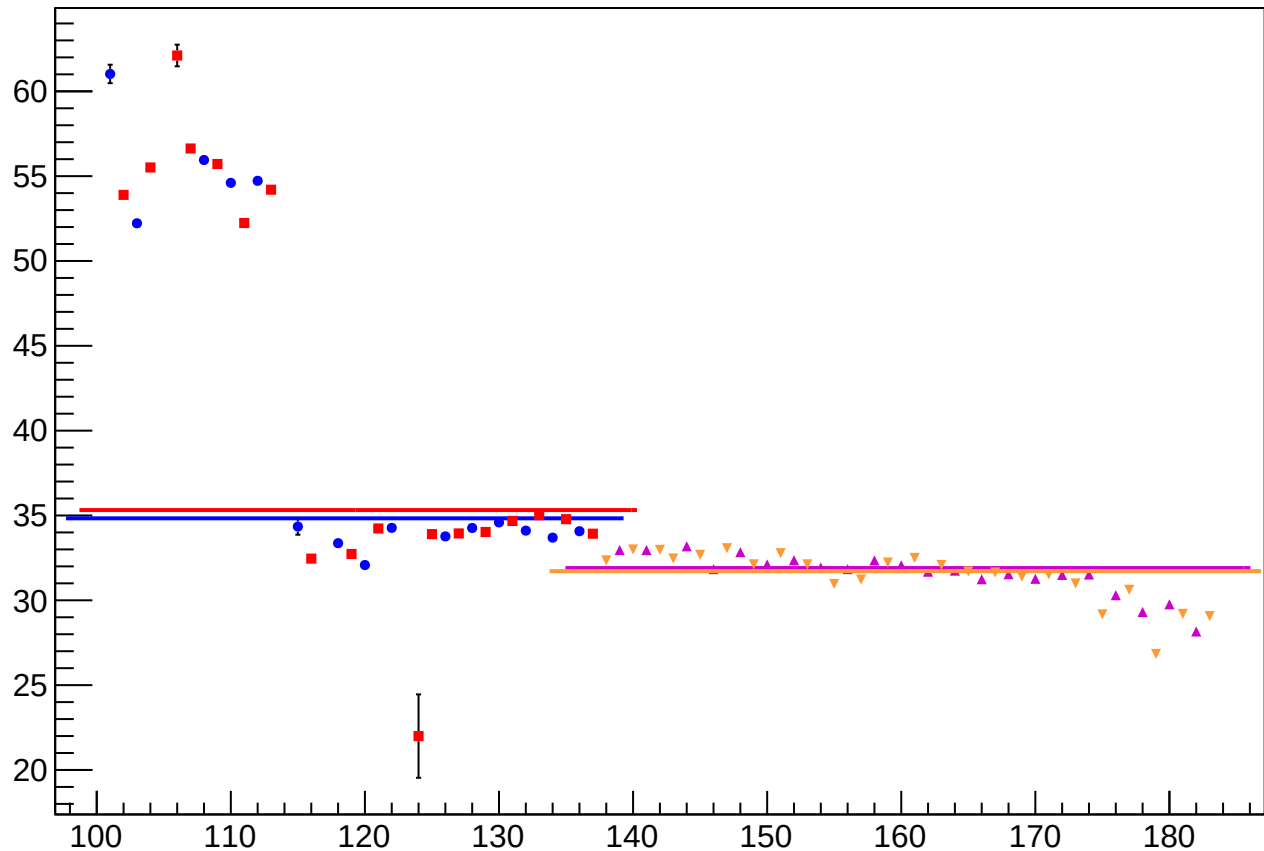
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.335 ± 0.001 $\chi^2/\text{NDF}: 5159.2/36$

Out: 0.321 ± 0.001 $\chi^2/\text{NDF}: 9620.5/41$

All: 0.328 ± 0.000 $\chi^2/\text{NDF}: 15117.2/78$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 31.721 $\pm$ 0.003 χ^2 /NDF: 67512.2/23

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 31.901 $\pm$ 0.004 χ^2 /NDF: 27986.1/21

Left: 31.800 $\pm$ 0.002 χ^2 /NDF: 96882.9/45

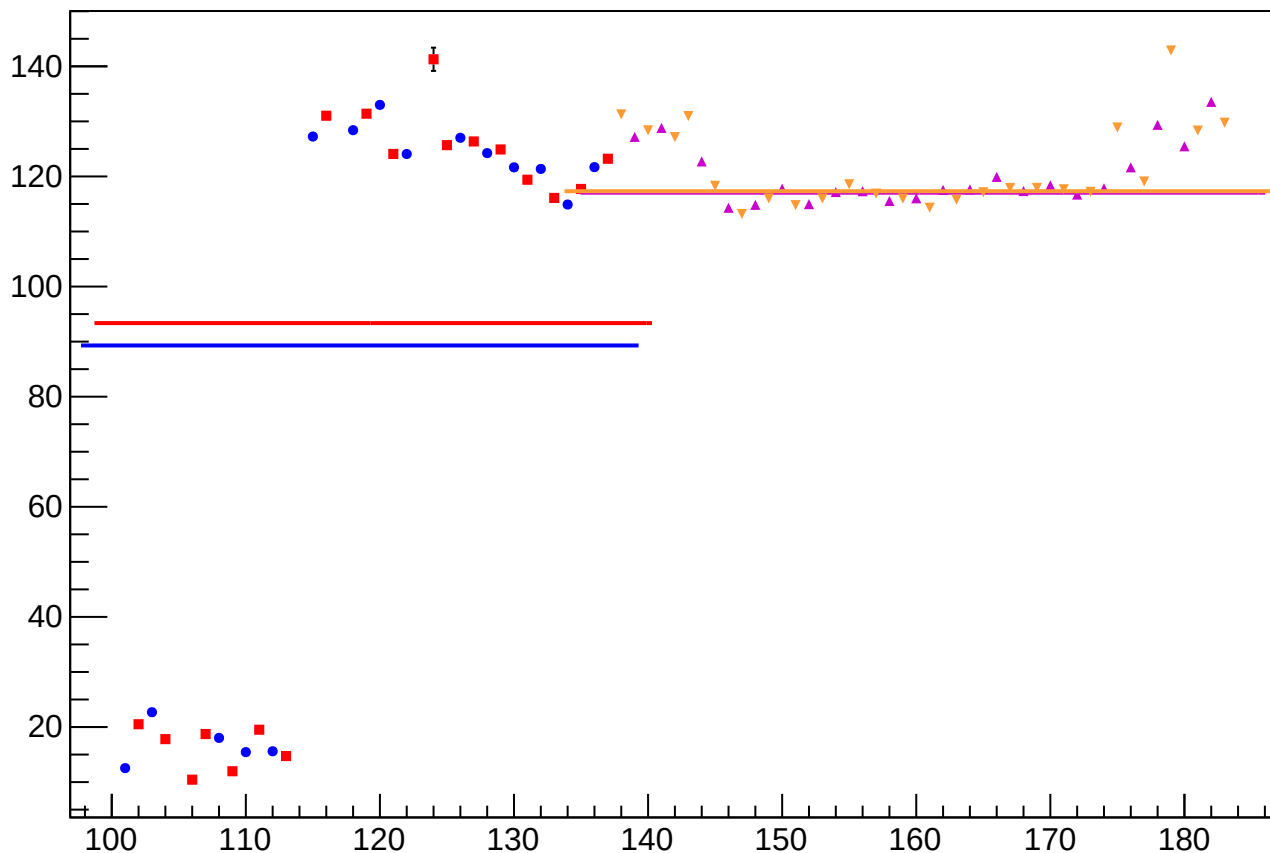
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.342 $\pm$ 0.003 χ^2 /NDF: 371724.1/36

Out: 32.057 $\pm$ 0.003 χ^2 /NDF: 447483.2/41

All: 32.186 $\pm$ 0.002 χ^2 /NDF: 823185.9/78

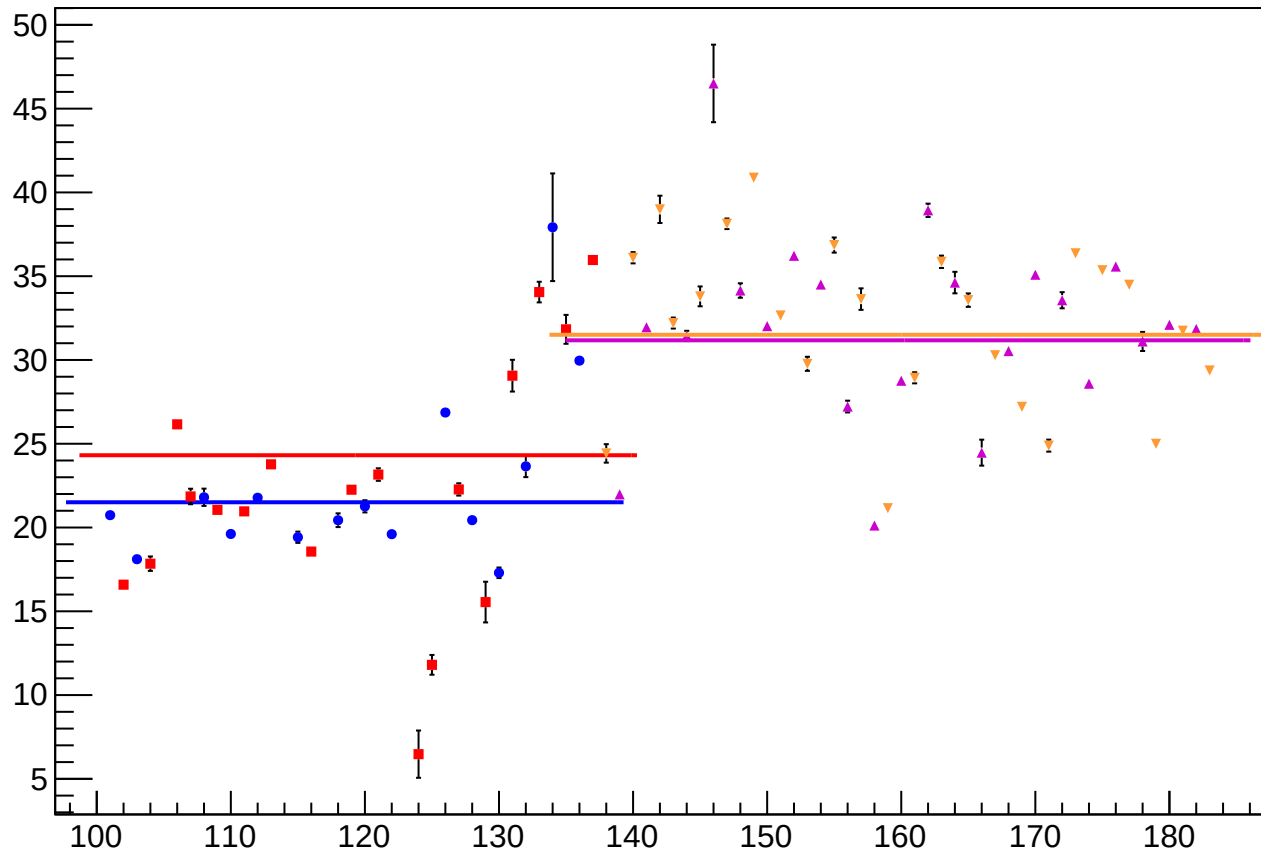
dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 $\pm$ 0.027 χ^2 /NDF: 3034485.1/14
 Left Out: 117.321 $\pm$ 0.008 χ^2 /NDF:154523.8/23
 Right Out: 93.367 $\pm$ 0.030 χ^2 /NDF: 2852493.6/17
 Left In: 117.046 $\pm$ 0.009 χ^2 /NDF:57189.9/21

Left: 117.196 $\pm$ 0.006 χ^2 /NDF: 212249.2/45
 Right: 91.158 $\pm$ 0.020 χ^2 /NDF: 5896996.6/32
 In: 114.477 $\pm$ 0.008 χ^2 /NDF:4019431.2/36
 Out: 115.730 $\pm$ 0.008 χ^2 /NDF:3604526.6/41
 All: 115.153 $\pm$ 0.006 χ^2 /NDF: 7636116.9/78

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 $\chi^2/\text{NDF}: 2963.0/14$

Left Out: 31.503 ± 0.061 $\chi^2/\text{NDF}: 6153.0/23$

Right Out: 24.314 ± 0.058 $\chi^2/\text{NDF}: 14295.4/17$

Left In: 31.173 ± 0.058 $\chi^2/\text{NDF}: 5934.2/21$

Left: 31.328 ± 0.042 $\chi^2/\text{NDF}: 12102.6/45$

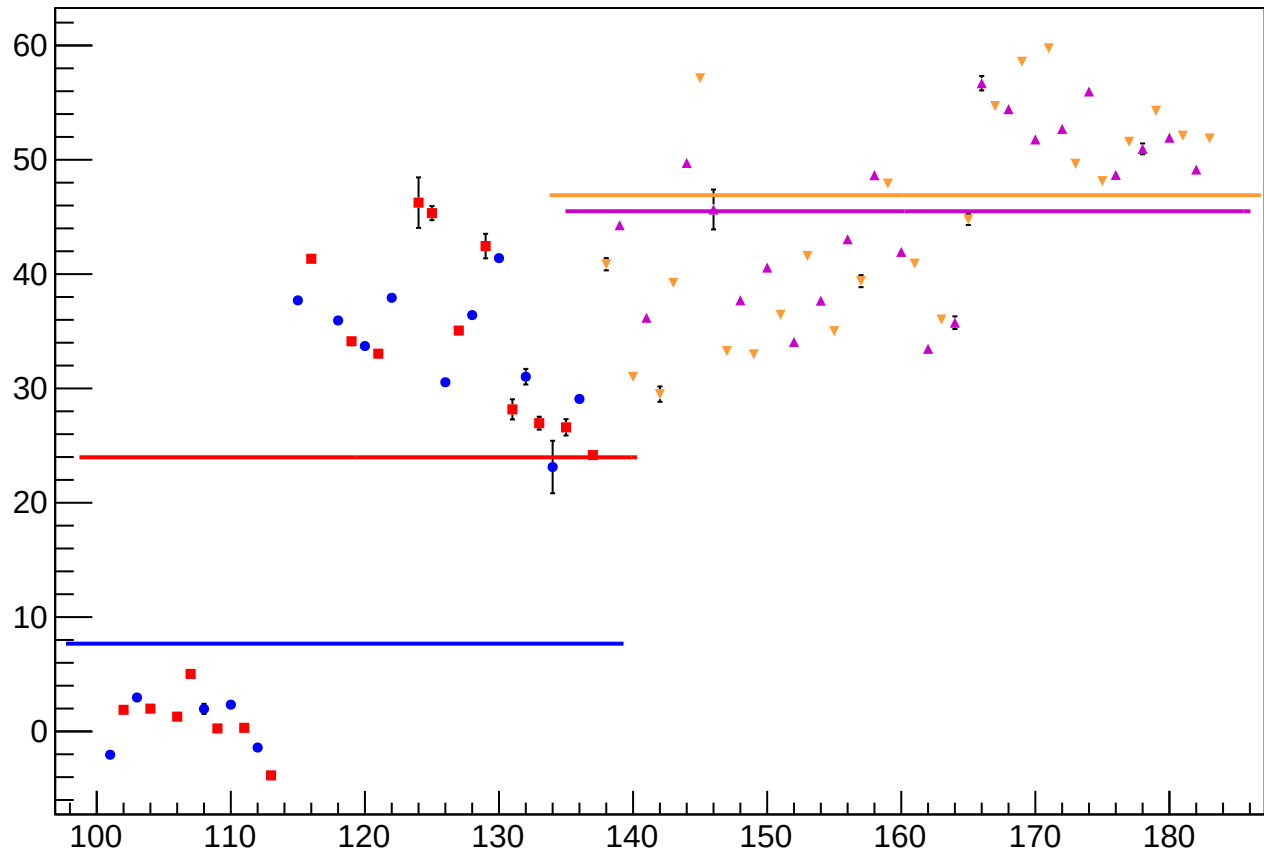
Right: 23.204 ± 0.045 $\chi^2/\text{NDF}: 18169.2/32$

In: 27.415 ± 0.045 $\chi^2/\text{NDF}: 19815.7/36$

Out: 27.744 ± 0.042 $\chi^2/\text{NDF}: 27661.3/41$

All: 27.590 ± 0.031 $\chi^2/\text{NDF}: 47505.3/78$

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 46.904 ± 0.051 $\chi^2/\text{NDF}: 26985.0/23$

Right Out: 23.977 ± 0.008 $\chi^2/\text{NDF}: 110564.0/17$

Left In: 45.498 ± 0.049 $\chi^2/\text{NDF}: 18902.6/21$

Left: 46.181 ± 0.035 $\chi^2/\text{NDF}: 46281.3/45$

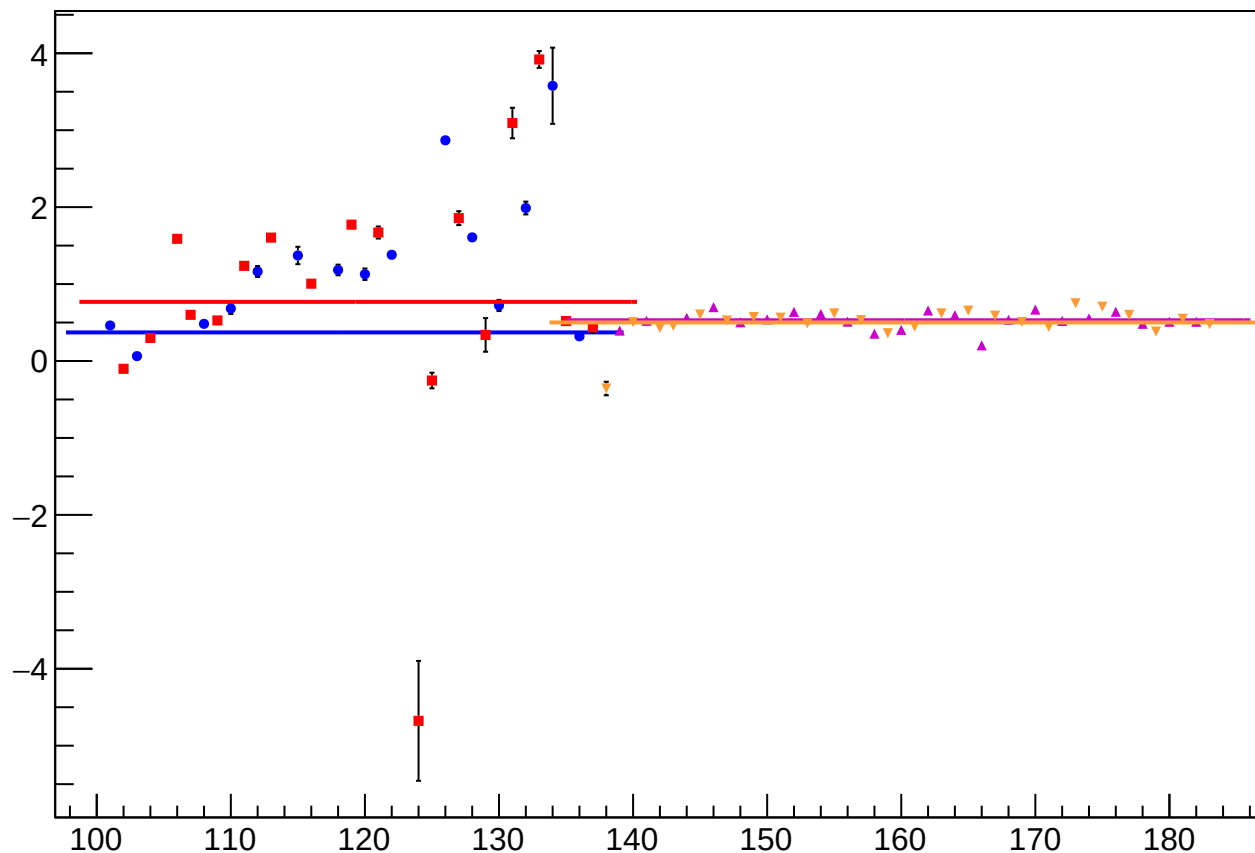
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 24.928 ± 0.033 $\chi^2/\text{NDF}: 434245.7/36$

Out: 24.556 ± 0.008 $\chi^2/\text{NDF}: 335701.6/41$

All: 24.576 ± 0.008 $\chi^2/\text{NDF}: 770064.8/78$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 χ^2/NDF : 4748.7/14

Left Out: 0.501 ± 0.001 χ^2/NDF : 15192.3/23

Right Out: 0.769 ± 0.007 χ^2/NDF : 4137.5/17

Left In: 0.529 ± 0.001 χ^2/NDF : 12521.4/21

Left: 0.517 ± 0.001 χ^2/NDF : 28233.2/45

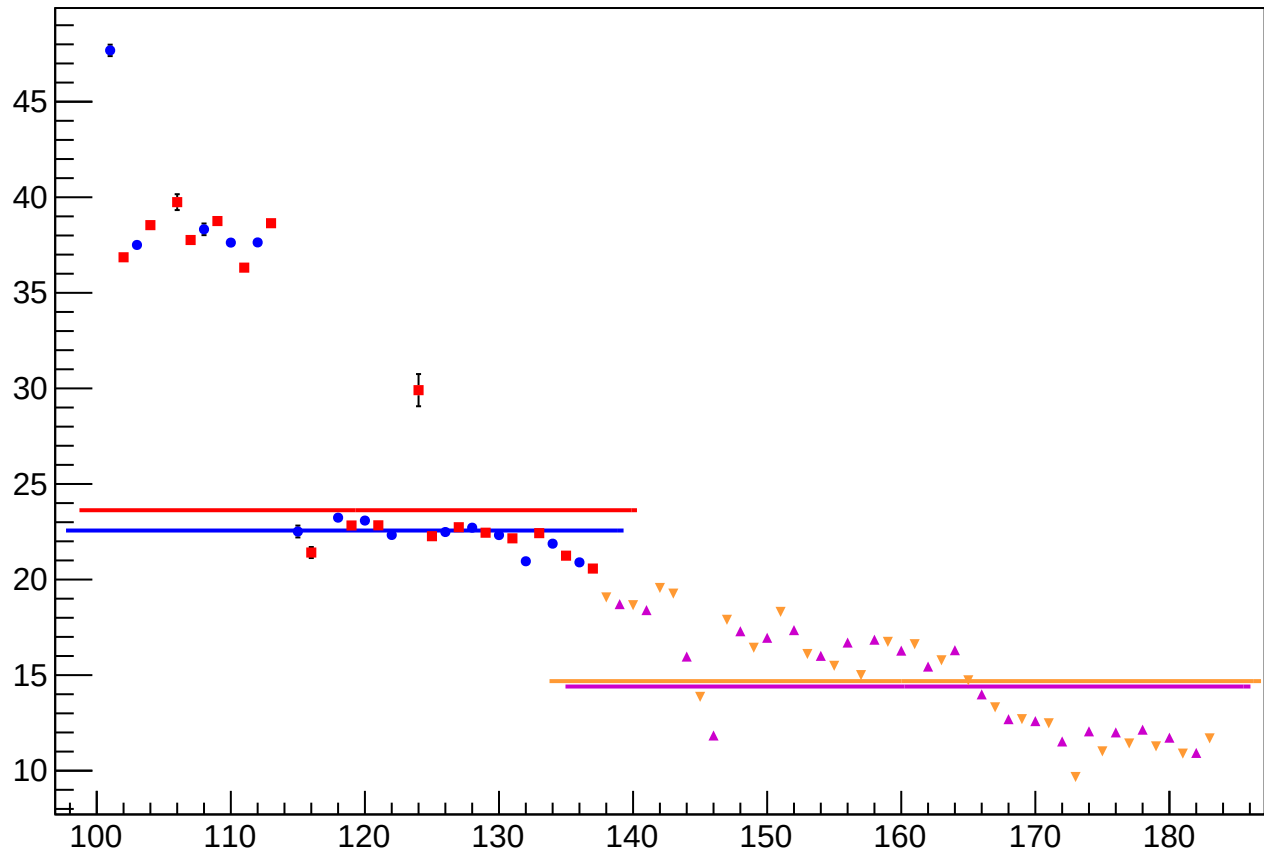
Right: 0.484 ± 0.004 χ^2/NDF : 11237.9/32

In: 0.524 ± 0.001 χ^2/NDF : 18535.3/36

Out: 0.506 ± 0.001 χ^2/NDF : 20793.5/41

All: 0.516 ± 0.001 χ^2/NDF : 39549.7/78

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 14.686 $\pm$ 0.005 χ^2 /NDF: 312569.2/23

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 14.403 $\pm$ 0.006 χ^2 /NDF: 204146.0/21

Left: 14.552 $\pm$ 0.004 χ^2 /NDF: 518090.7/45

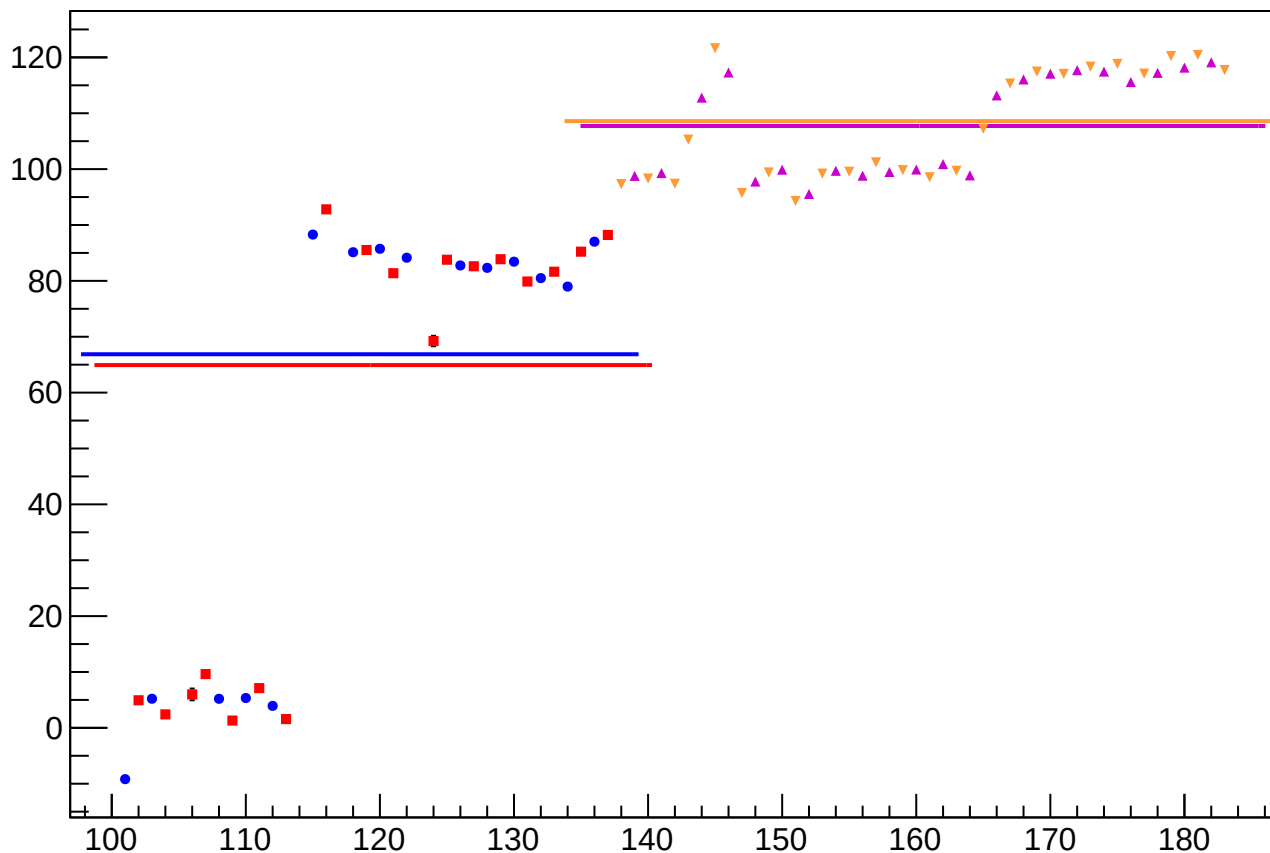
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 16.263 $\pm$ 0.005 χ^2 /NDF: 793903.5/36

Out: 16.293 $\pm$ 0.005 χ^2 /NDF: 956496.2/41

All: 16.278 $\pm$ 0.003 χ^2 /NDF: 1750418.3/78

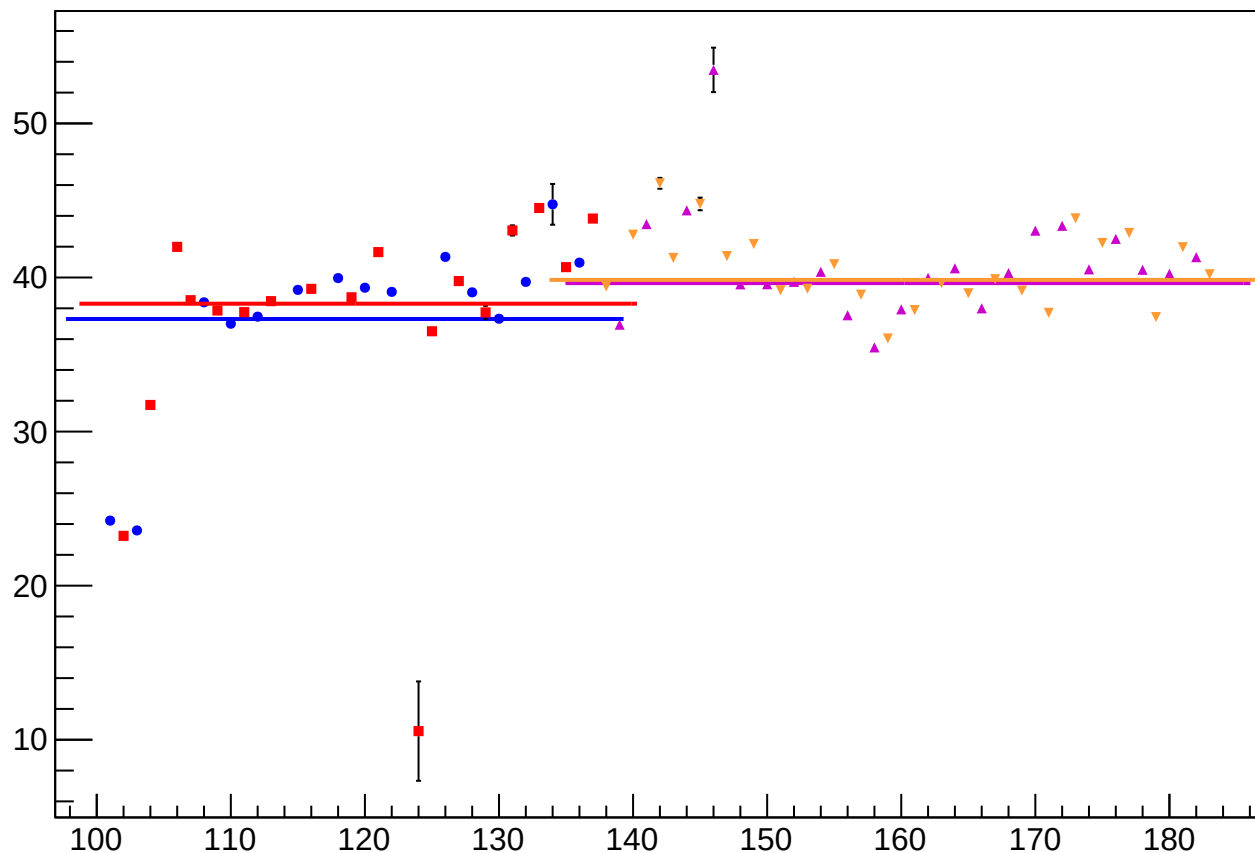
dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 ± 0.027 $\chi^2/\text{NDF}: 1494212.3/14$
 Left Out: 108.593 ± 0.010 $\chi^2/\text{NDF}: 1006055.5/23$
 Right Out: 64.929 ± 0.030 $\chi^2/\text{NDF}: 1334580.7/17$
 Left In: 107.719 ± 0.010 $\chi^2/\text{NDF}: 898602.0/21$

Left: 108.157 ± 0.007 $\chi^2/\text{NDF}: 1908767.9/45$
 Right: 65.988 ± 0.020 $\chi^2/\text{NDF}: 2831116.5/32$
 In: 103.115 ± 0.009 $\chi^2/\text{NDF}: 4415173.6/36$
 Out: 104.453 ± 0.009 $\chi^2/\text{NDF}: 4293424.8/41$
 All: 103.779 ± 0.006 $\chi^2/\text{NDF}: 8719360.3/78$

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.845 ± 0.027 $\chi^2/\text{NDF}: 6861.7/23$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 39.637 ± 0.023 $\chi^2/\text{NDF}: 8730.6/21$

Left: 39.724 ± 0.018 $\chi^2/\text{NDF}: 15626.3/45$

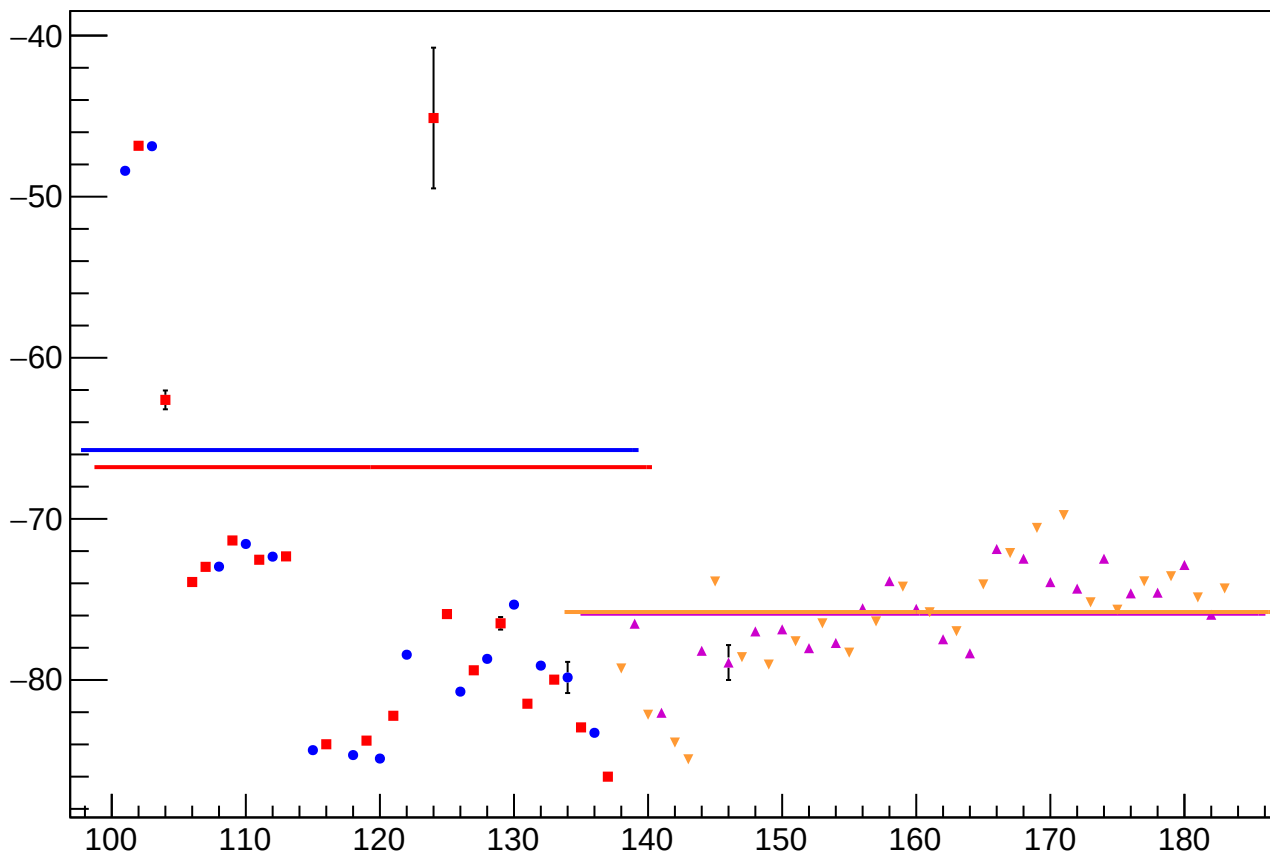
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 38.469 ± 0.016 $\chi^2/\text{NDF}: 73387.1/36$

Out: 38.860 ± 0.016 $\chi^2/\text{NDF}: 27757.3/41$

All: 38.664 ± 0.012 $\chi^2/\text{NDF}: 101429.3/78$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -75.781 ± 0.022 $\chi^2/\text{NDF}: 23682.8/23$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

Left In: -75.888 ± 0.019 $\chi^2/\text{NDF}: 11925.3/21$

Left: -75.841 ± 0.014 $\chi^2/\text{NDF}: 35621.8/45$

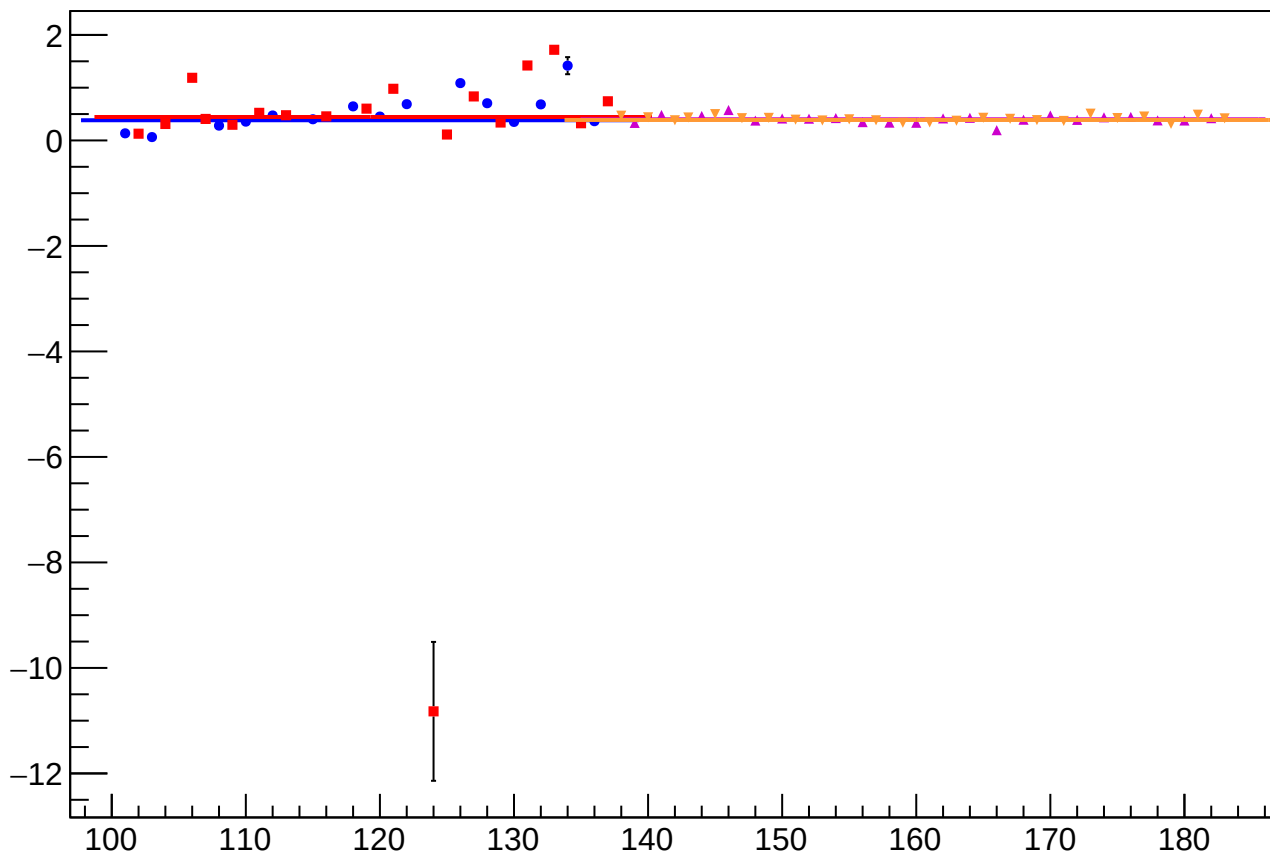
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -70.139 ± 0.013 $\chi^2/\text{NDF}: 1072870.9/36$

Out: -69.881 ± 0.013 $\chi^2/\text{NDF}: 944362.0/41$

All: -70.012 ± 0.009 $\chi^2/\text{NDF}: 2017438.4/78$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 ± 0.002 $\chi^2/\text{NDF}: 8173.1/14$

Left Out: 0.388 ± 0.000 $\chi^2/\text{NDF}: 10603.9/23$

Right Out: 0.444 ± 0.004 $\chi^2/\text{NDF}: 2786.2/17$

Left In: 0.401 ± 0.000 $\chi^2/\text{NDF}: 8532.1/21$

Left: 0.395 ± 0.000 $\chi^2/\text{NDF}: 19518.9/45$

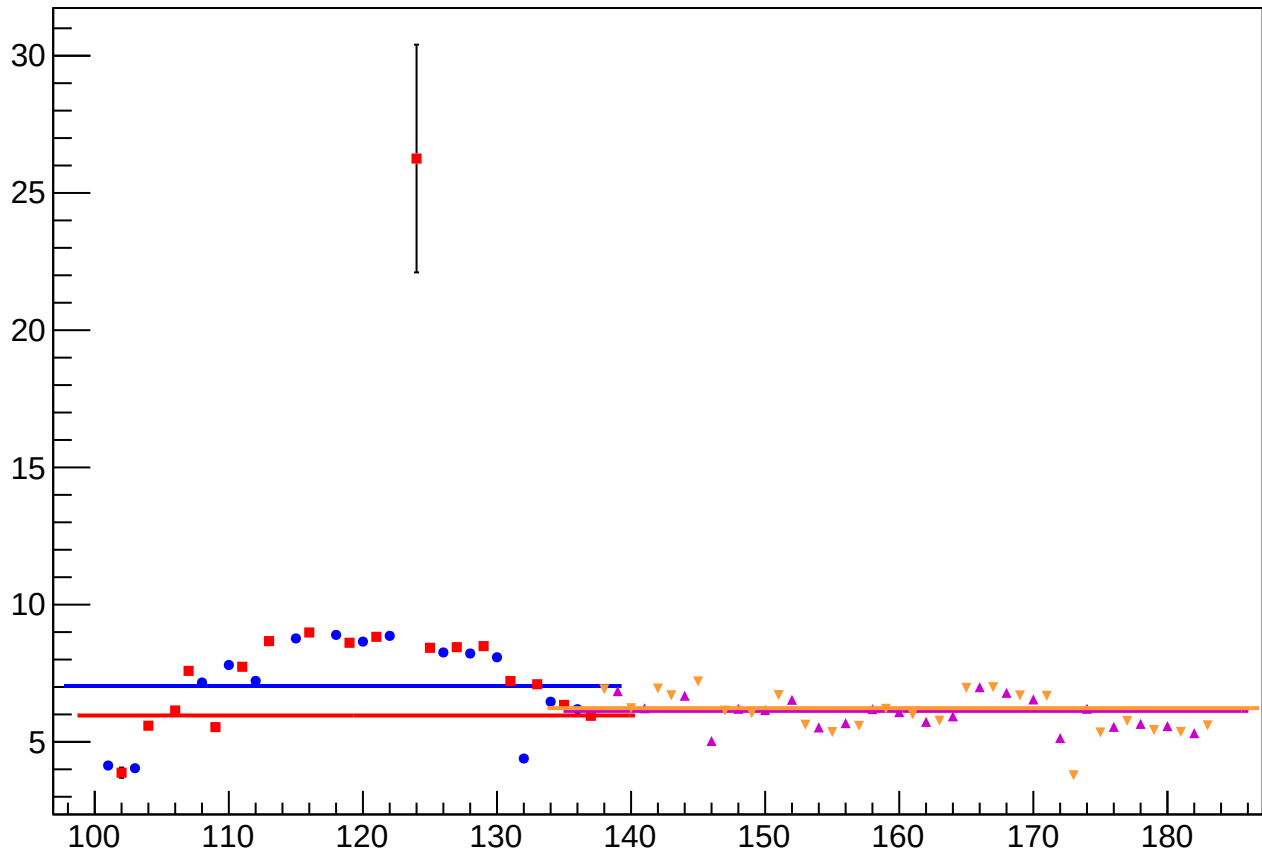
Right: 0.395 ± 0.002 $\chi^2/\text{NDF}: 11182.8/32$

In: 0.400 ± 0.000 $\chi^2/\text{NDF}: 16794.7/36$

Out: 0.389 ± 0.000 $\chi^2/\text{NDF}: 13620.5/41$

All: 0.395 ± 0.000 $\chi^2/\text{NDF}: 30702.0/78$

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 χ^2/NDF : 69905.1/14

Left Out: 6.229 ± 0.002 χ^2/NDF : 118000.3/23

Right Out: 5.962 ± 0.000 χ^2/NDF : 168372.8/17

Left In: 6.130 ± 0.002 χ^2/NDF : 55690.3/21

Left: 6.179 ± 0.001 χ^2/NDF : 175825.8/45

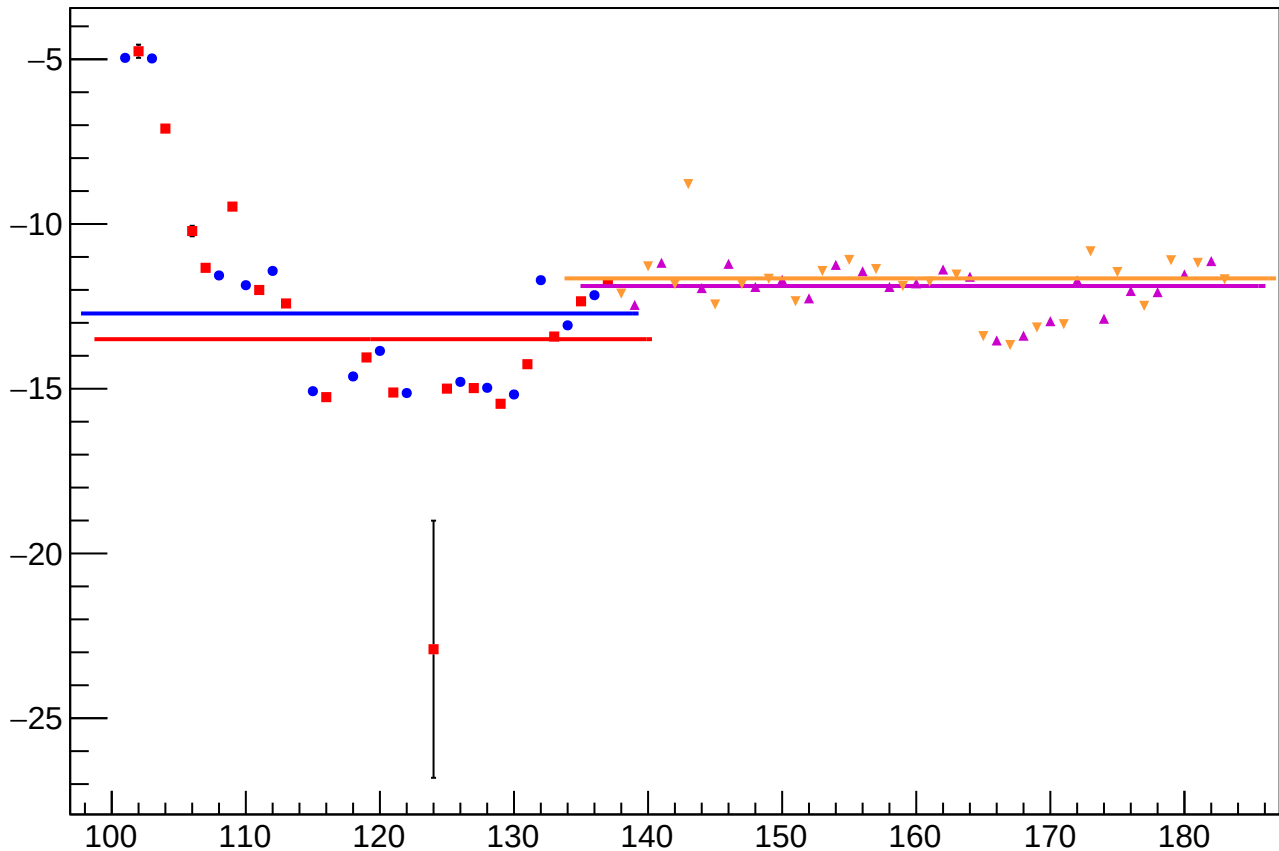
Right: 5.970 ± 0.000 χ^2/NDF : 294275.6/32

In: 6.221 ± 0.001 χ^2/NDF : 161740.4/36

Out: 5.980 ± 0.000 χ^2/NDF : 315182.7/41

All: 5.997 ± 0.000 χ^2/NDF : 503267.5/78

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -11.651 $\pm$ 0.002 χ^2 /NDF: 344023.2/23

Right Out: -13.496 $\pm$ 0.006 χ^2 /NDF: 55753.8/17

Left In: -11.882 $\pm$ 0.002 χ^2 /NDF: 66523.4/21

Left: -11.766 $\pm$ 0.001 χ^2 /NDF: 416666.3/45

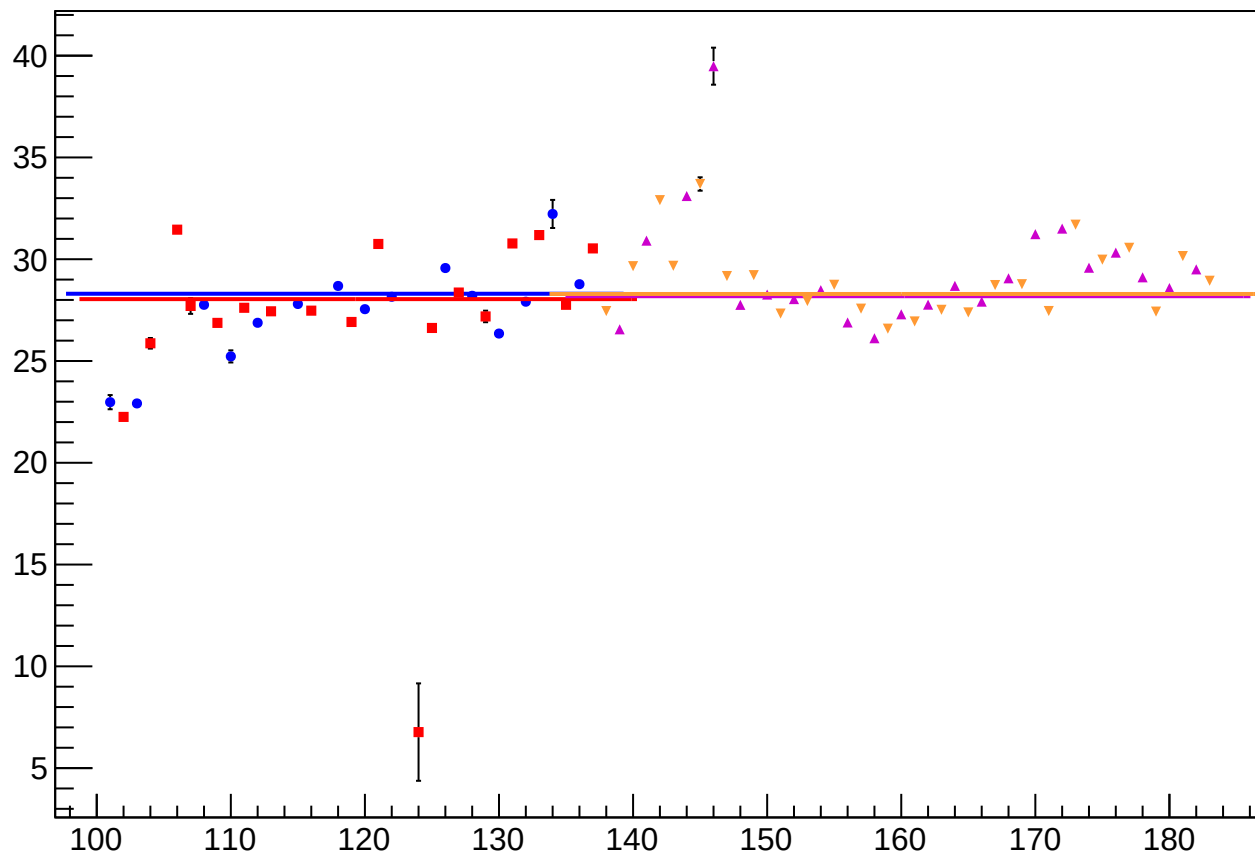
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -11.964 $\pm$ 0.002 χ^2 /NDF: 167132.1/36

Out: -11.861 $\pm$ 0.002 χ^2 /NDF: 489112.1/41

All: -11.911 $\pm$ 0.001 χ^2 /NDF: 657604.1/78

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 28.292 ± 0.018 $\chi^2/\text{NDF}: 6730.8/23$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

Left In: 28.183 ± 0.015 $\chi^2/\text{NDF}: 8970.9/21$

Left: 28.228 ± 0.011 $\chi^2/\text{NDF}: 15724.3/45$

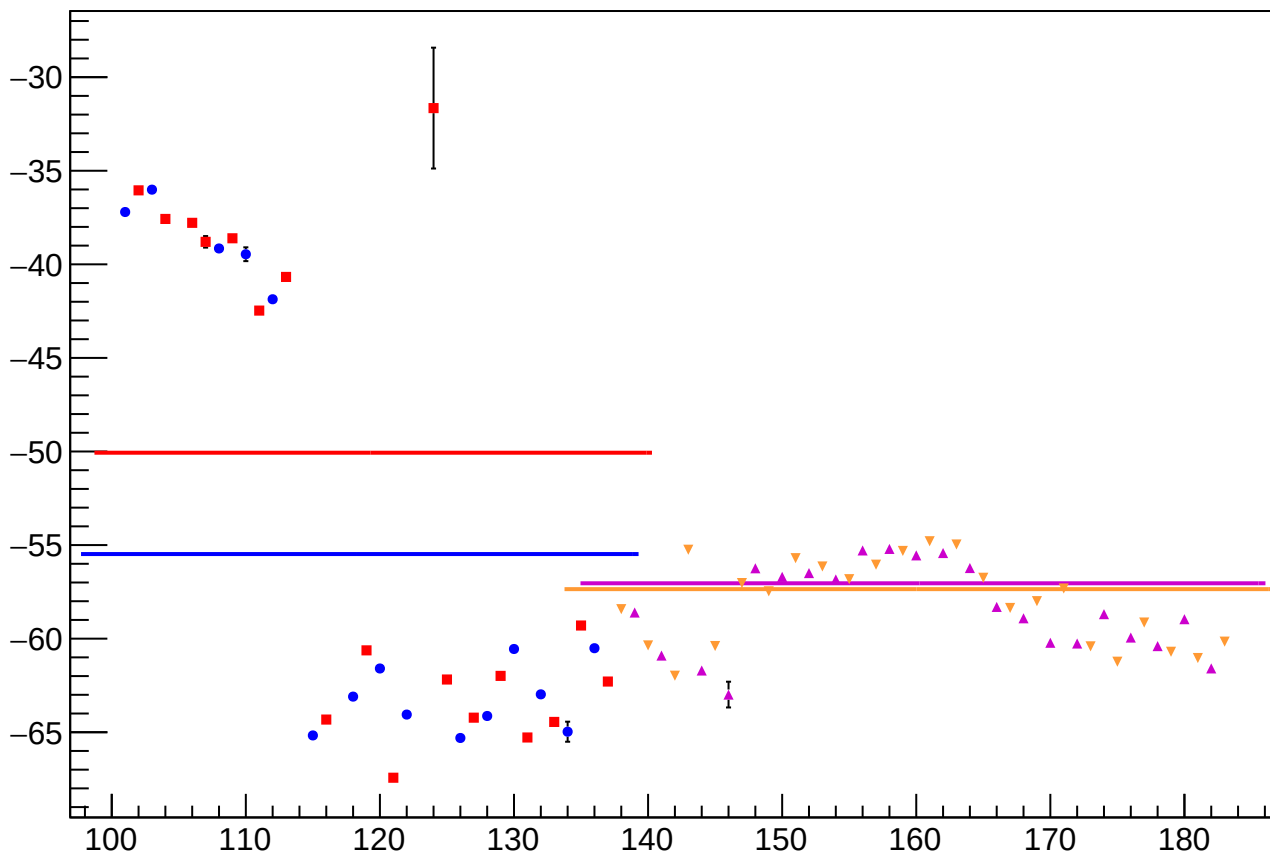
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 28.218 ± 0.012 $\chi^2/\text{NDF}: 12390.4/36$

Out: 28.229 ± 0.015 $\chi^2/\text{NDF}: 9344.2/41$

All: 28.222 ± 0.010 $\chi^2/\text{NDF}: 21734.9/78$

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 χ^2/NDF : 595140.3/14

Left Out: -57.355 ± 0.014 χ^2/NDF : 22950.8/23

Right Out: -50.065 ± 0.023 χ^2/NDF : 340098.3/17

Left In: -57.042 ± 0.013 χ^2/NDF : 19296.1/21

Left: -57.178 ± 0.010 χ^2/NDF : 42509.8/45

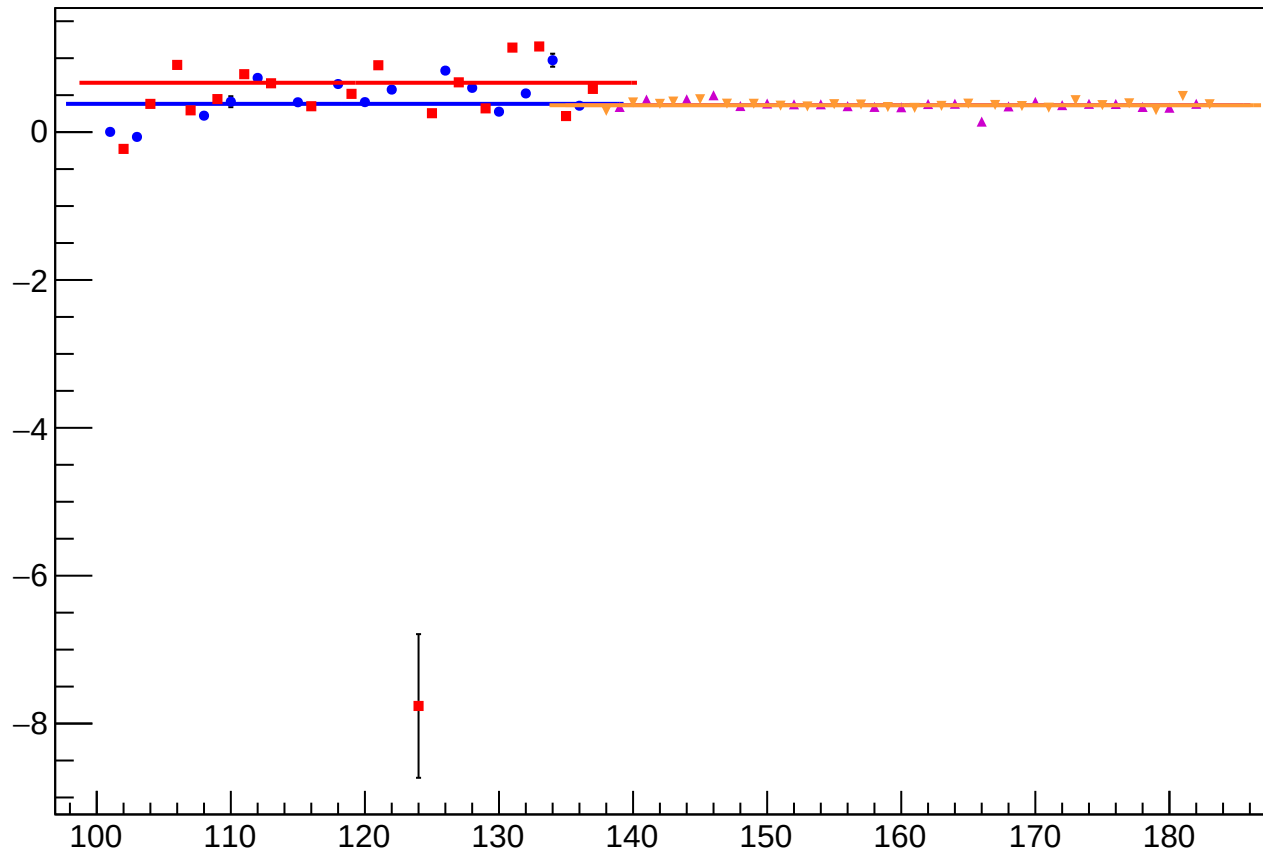
Right: -53.644 ± 0.013 χ^2/NDF : 971470.1/32

In: -56.460 ± 0.010 χ^2/NDF : 620017.3/36

Out: -55.299 ± 0.012 χ^2/NDF : 434384.5/41

All: -55.991 ± 0.008 χ^2/NDF : 1059735.9/78

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 χ^2/NDF : 4595.8/14

Left Out: 0.364 ± 0.000 χ^2/NDF : 8225.1/23

Right Out: 0.668 ± 0.005 χ^2/NDF : 3704.8/17

Left In: 0.366 ± 0.000 χ^2/NDF : 6048.6/21

Left: 0.365 ± 0.000 χ^2/NDF : 14300.2/45

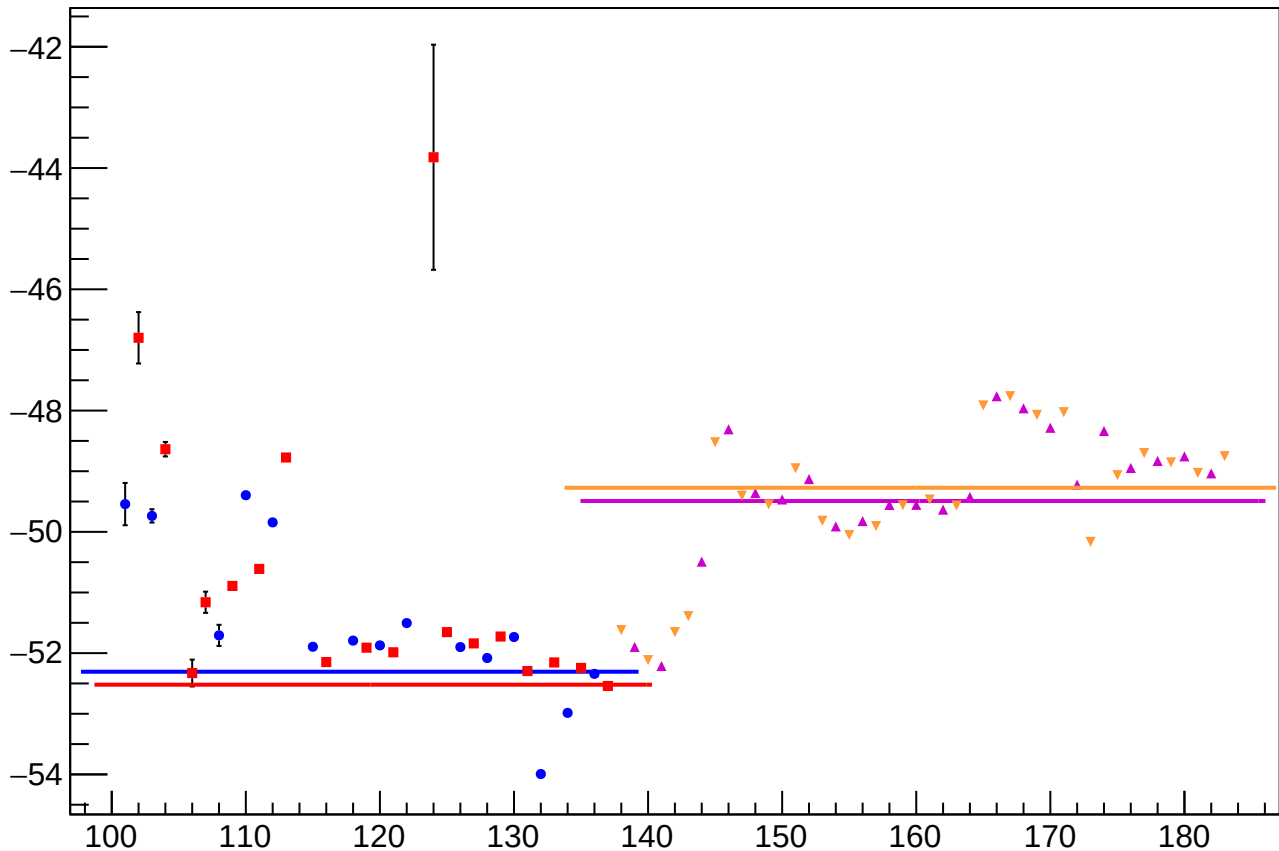
Right: 0.413 ± 0.002 χ^2/NDF : 11721.4/32

In: 0.367 ± 0.000 χ^2/NDF : 10742.1/36

Out: 0.365 ± 0.000 χ^2/NDF : 16260.8/41

All: 0.366 ± 0.000 χ^2/NDF : 27012.8/78

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -49.272 $\pm$ 0.001 χ^2 /NDF: 512046.5/23

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -49.491 $\pm$ 0.001 χ^2 /NDF: 430461.3/21

Left: -49.380 $\pm$ 0.001 χ^2 /NDF: 954978.4/45

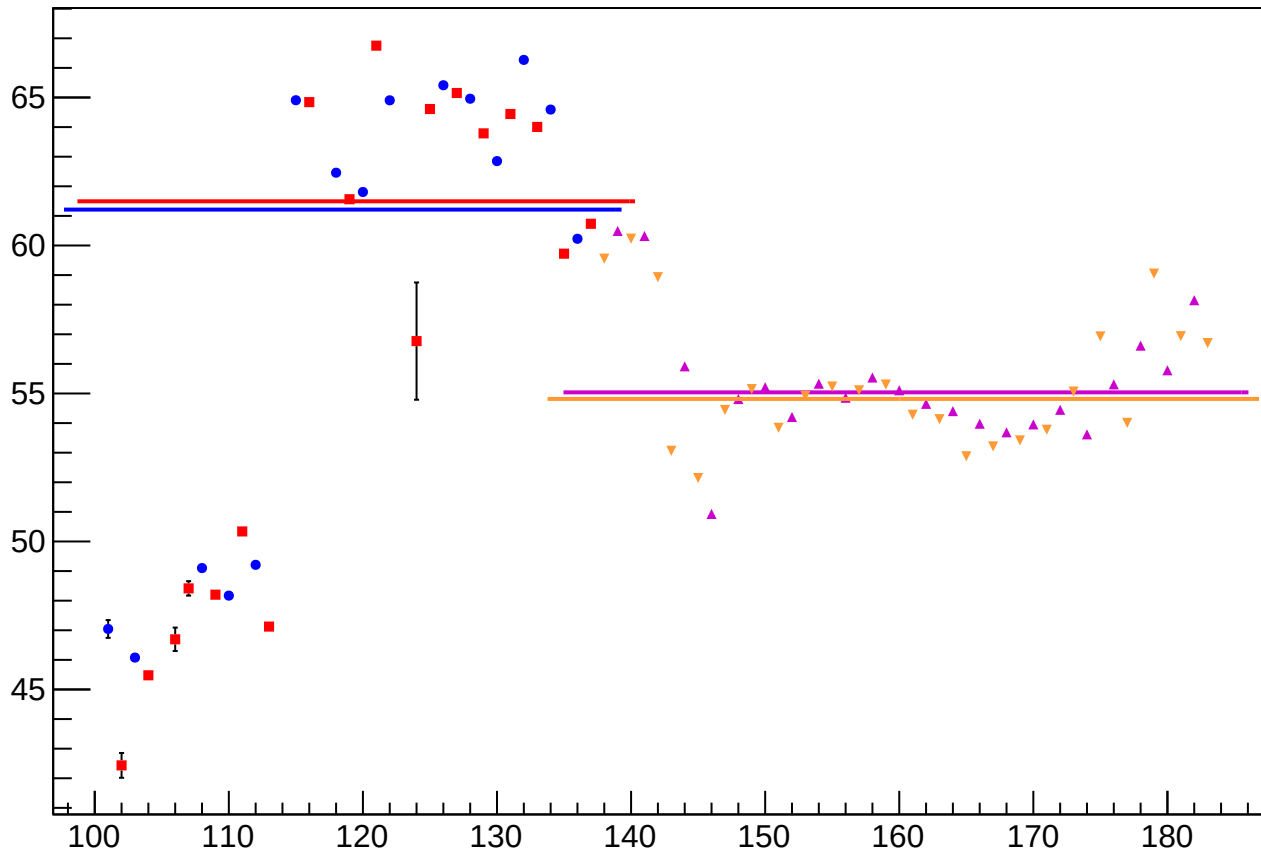
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -49.816 $\pm$ 0.001 χ^2 /NDF: 921516.4/36

Out: -51.248 $\pm$ 0.001 χ^2 /NDF: 3924933.1/41

All: -50.820 $\pm$ 0.001 χ^2 /NDF: 5674444.0/78

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 $\chi^2/\text{NDF}: 156624.5/14$

Left Out: 54.816 ± 0.003 $\chi^2/\text{NDF}: 269519.2/23$

Right Out: 61.493 ± 0.007 $\chi^2/\text{NDF}: 243479.8/17$

Left In: 55.038 ± 0.003 $\chi^2/\text{NDF}: 85514.1/21$

Left: 54.938 ± 0.002 $\chi^2/\text{NDF}: 357729.9/45$

Right: 61.405 ± 0.006 $\chi^2/\text{NDF}: 400649.5/32$

In: 55.513 ± 0.003 $\chi^2/\text{NDF}: 599240.9/36$

Out: 56.028 ± 0.003 $\chi^2/\text{NDF}: 1321647.2/41$

All: 55.761 ± 0.002 $\chi^2/\text{NDF}: 1937696.8/78$

dit_4aX_coil1_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

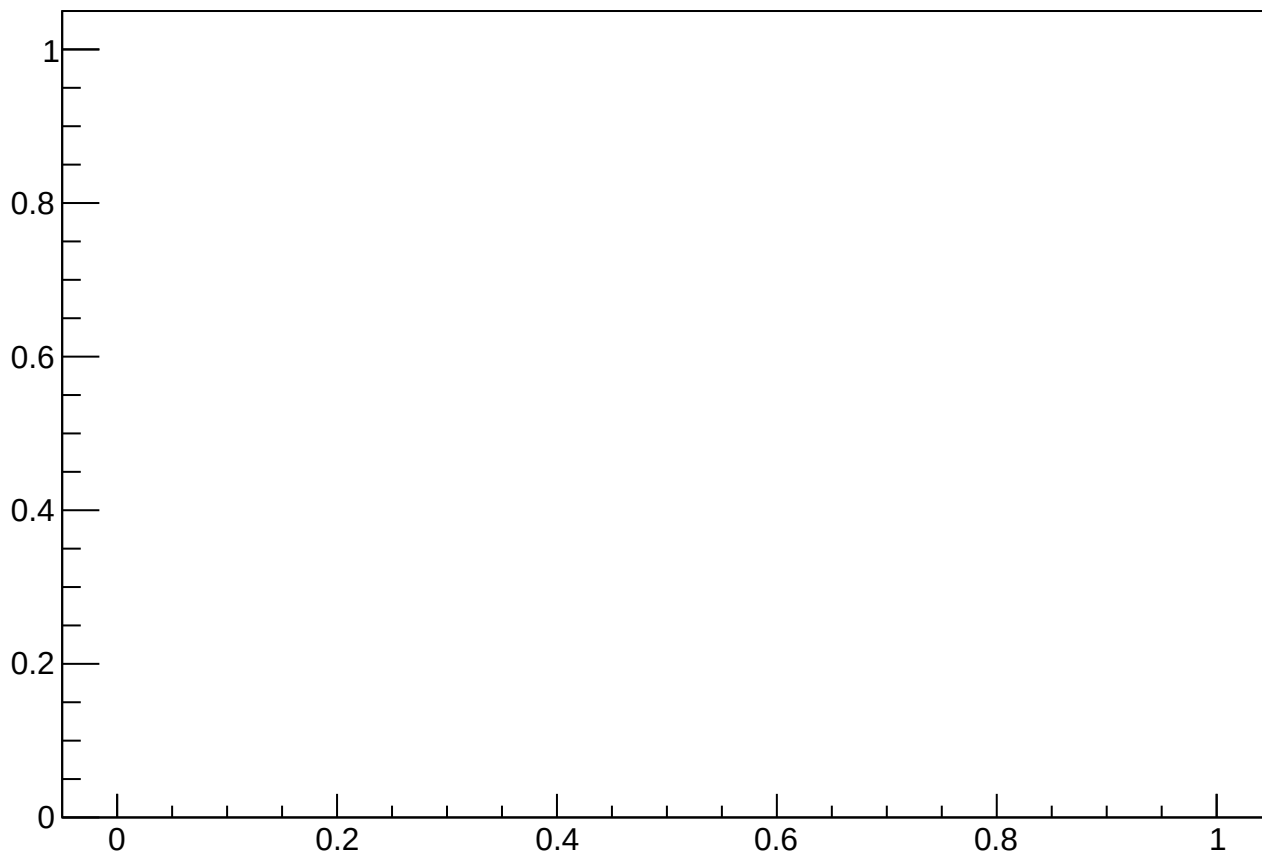
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

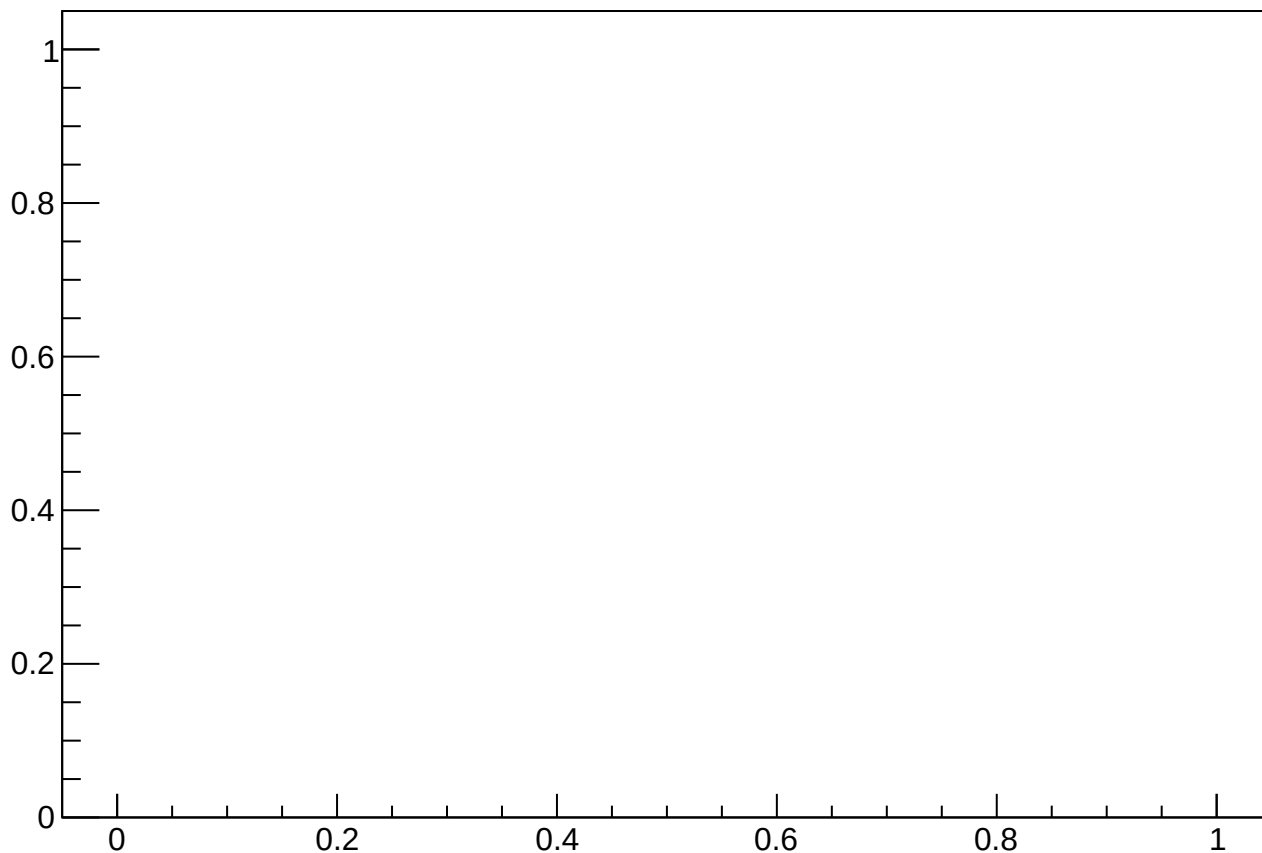
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

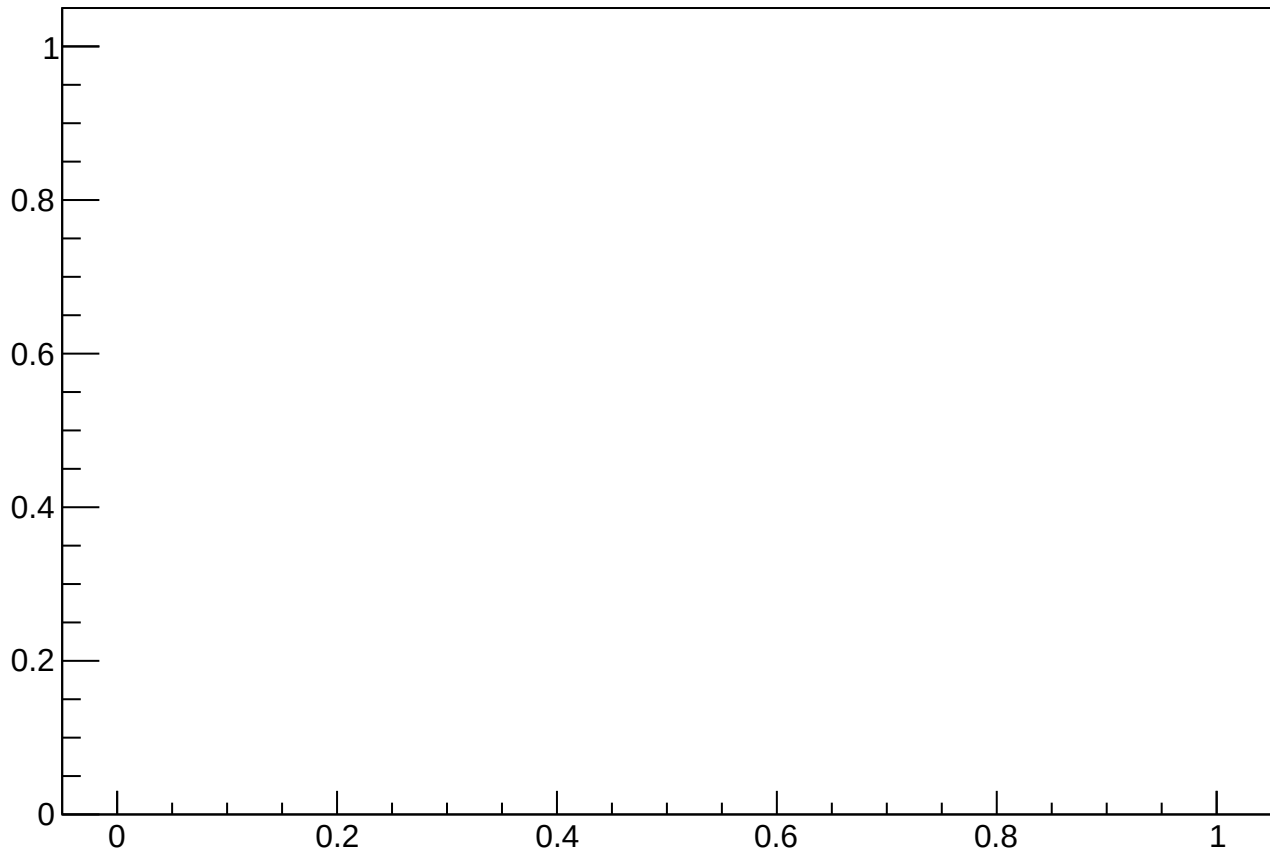
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

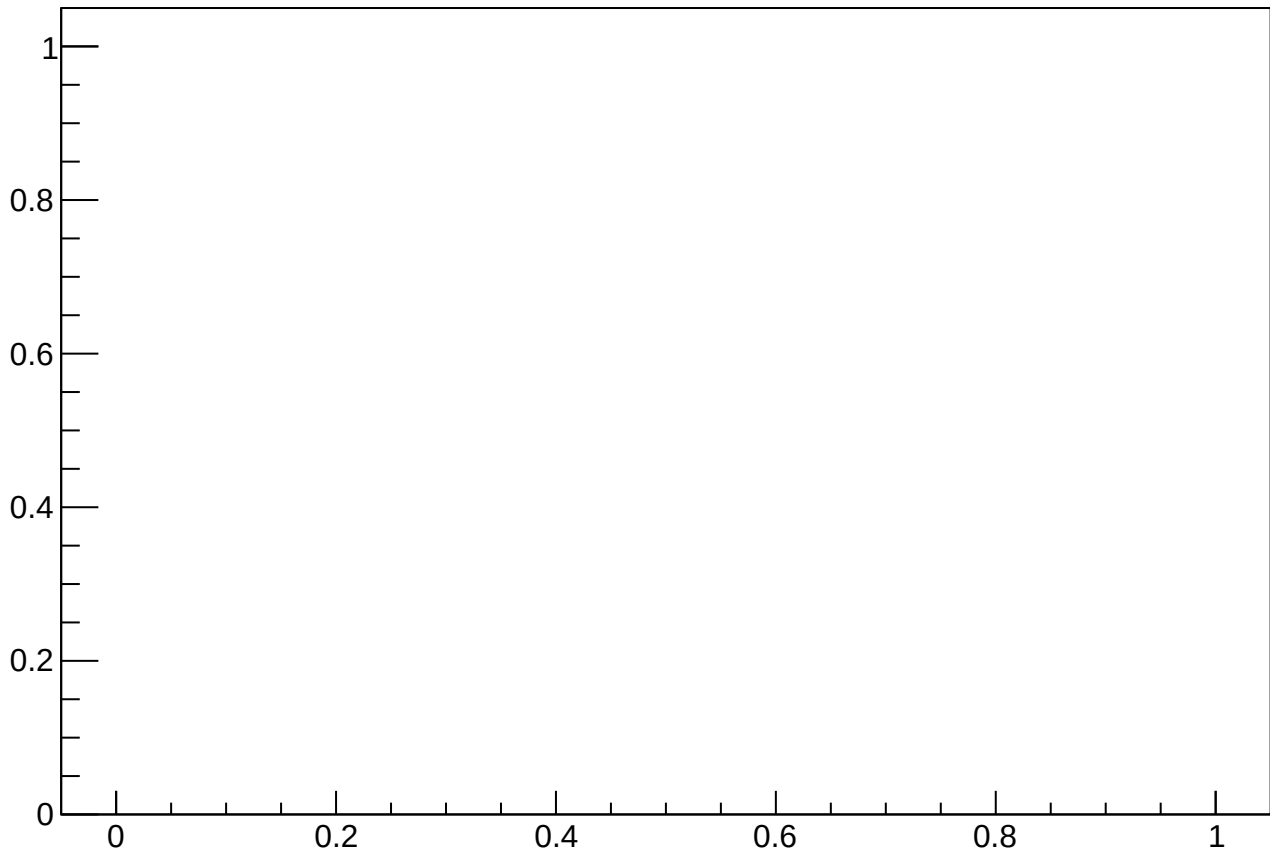
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

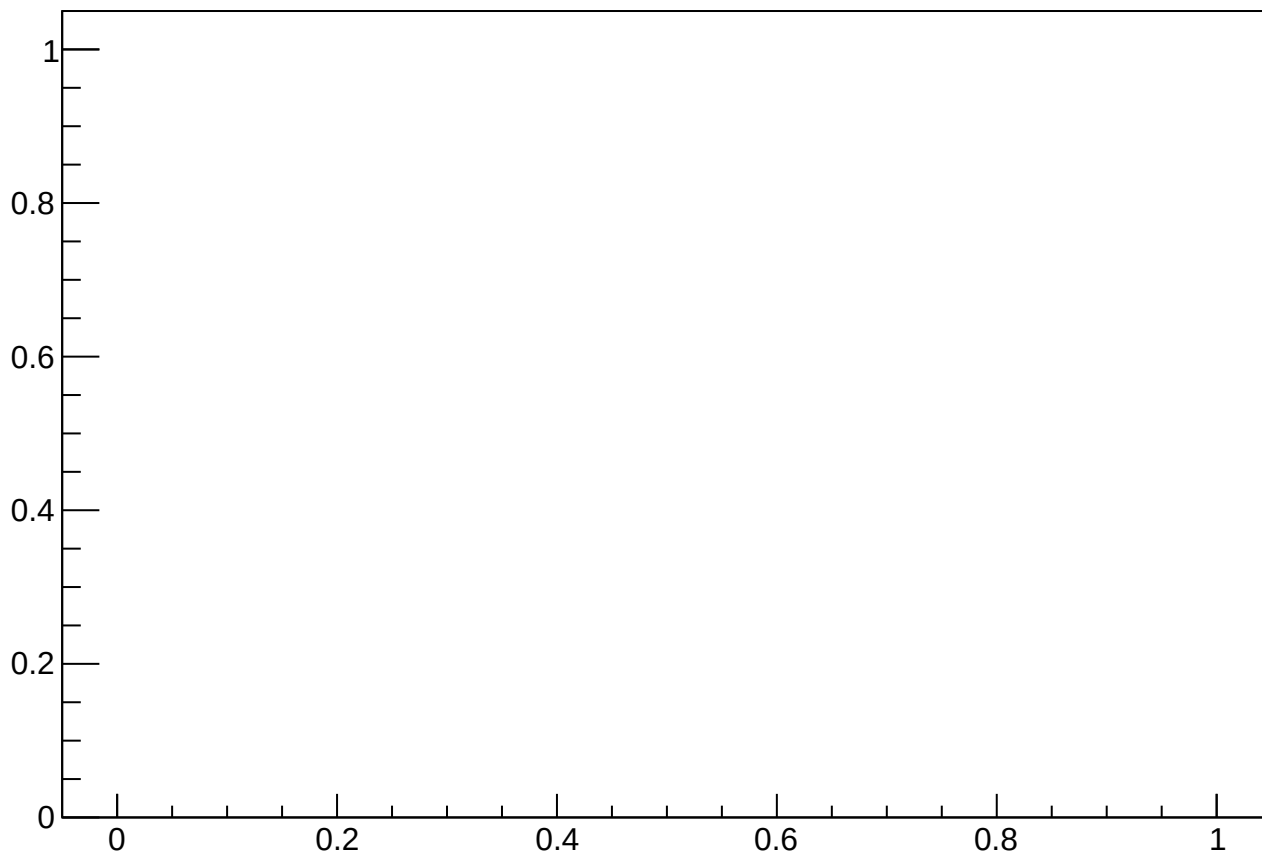
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

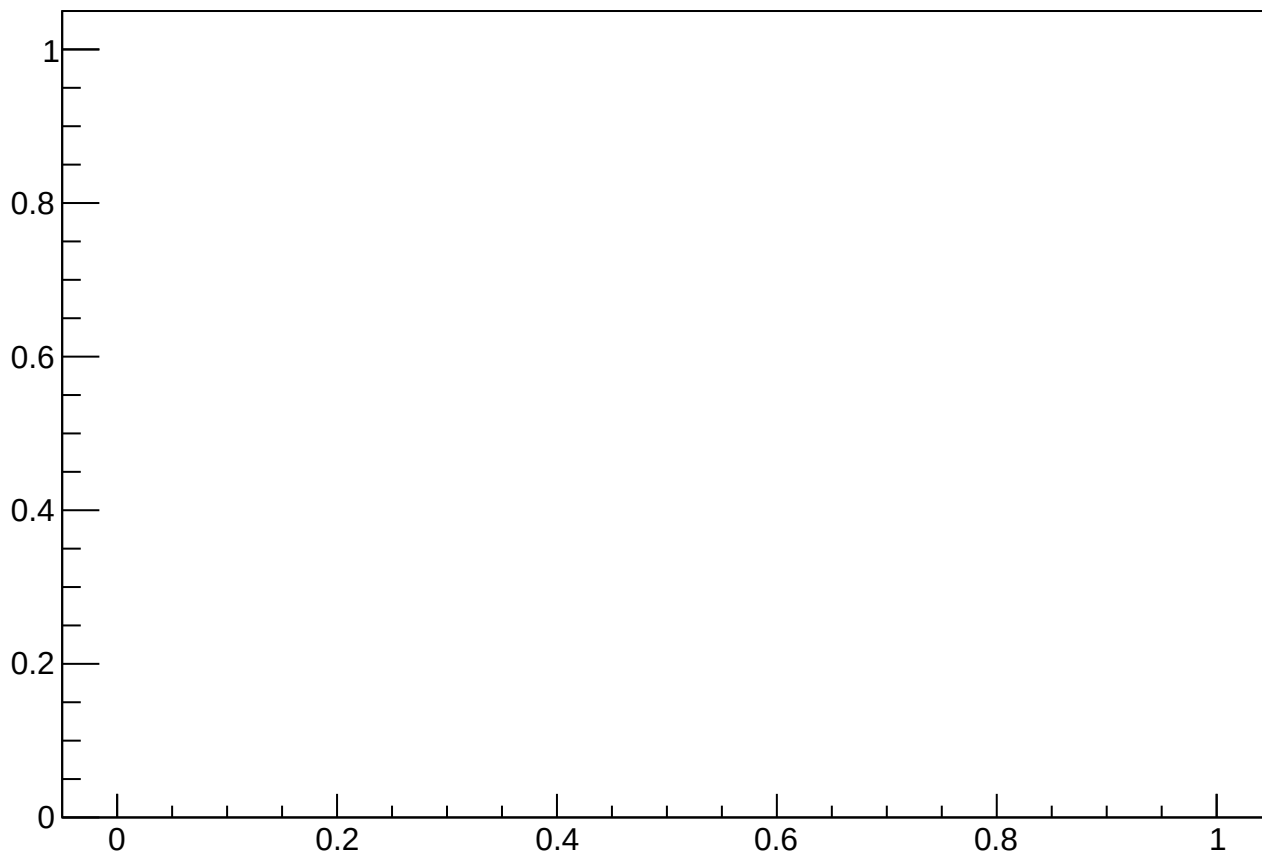
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil1_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

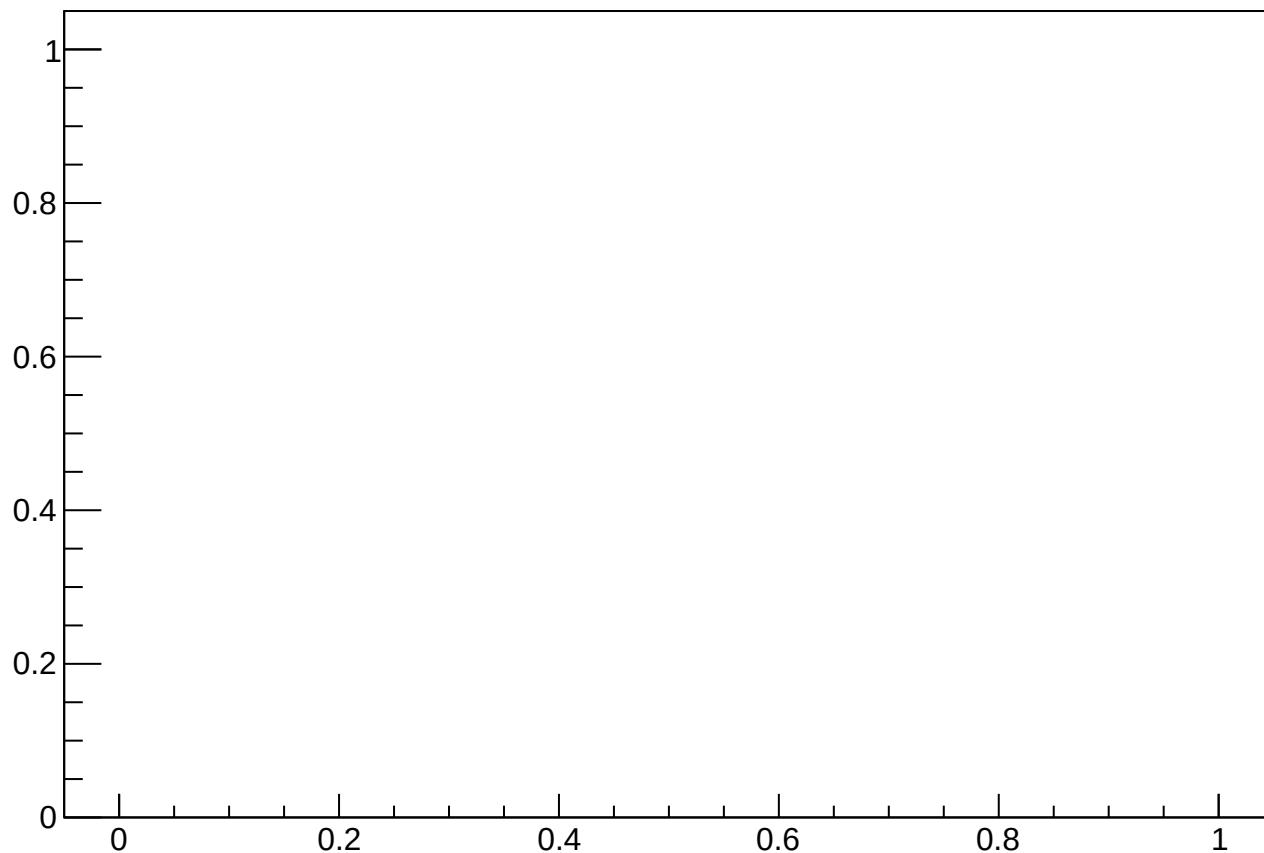
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

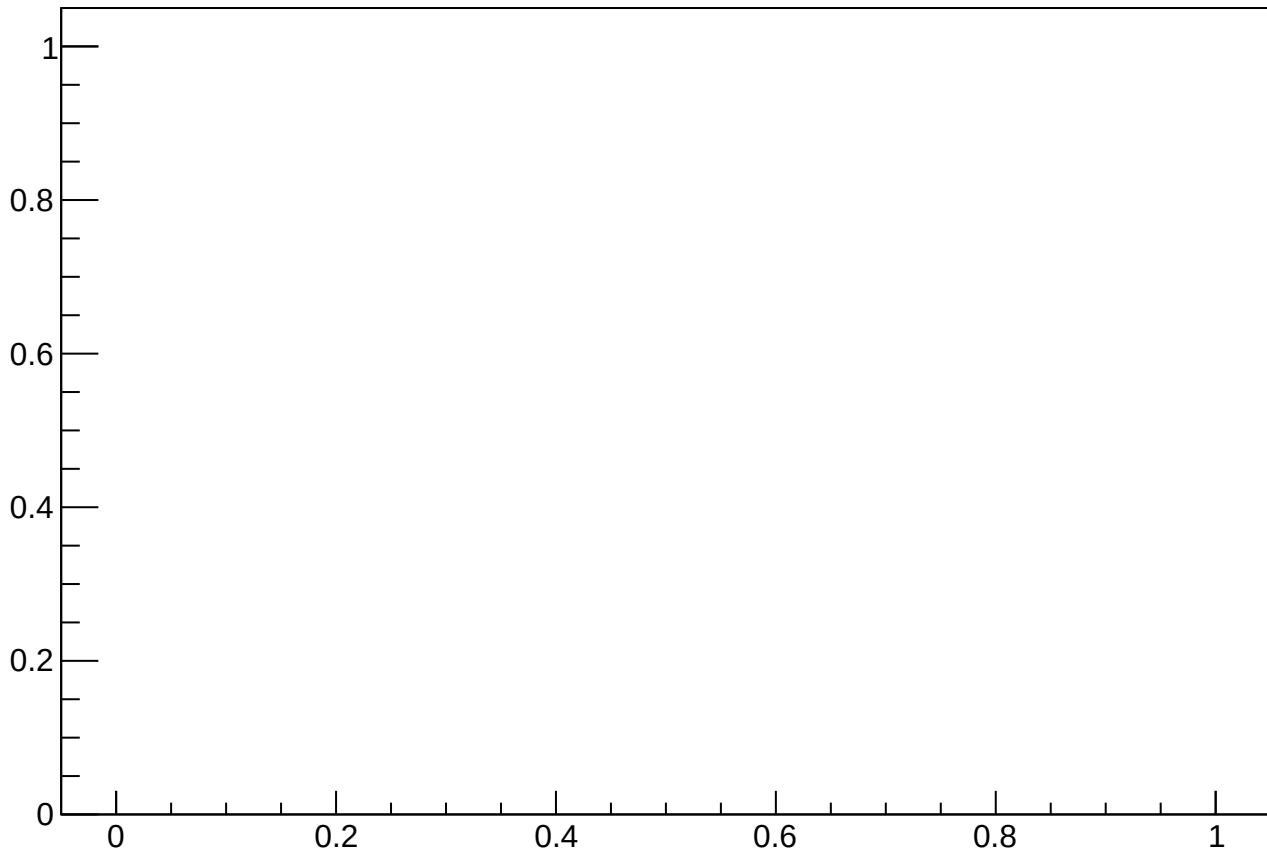
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

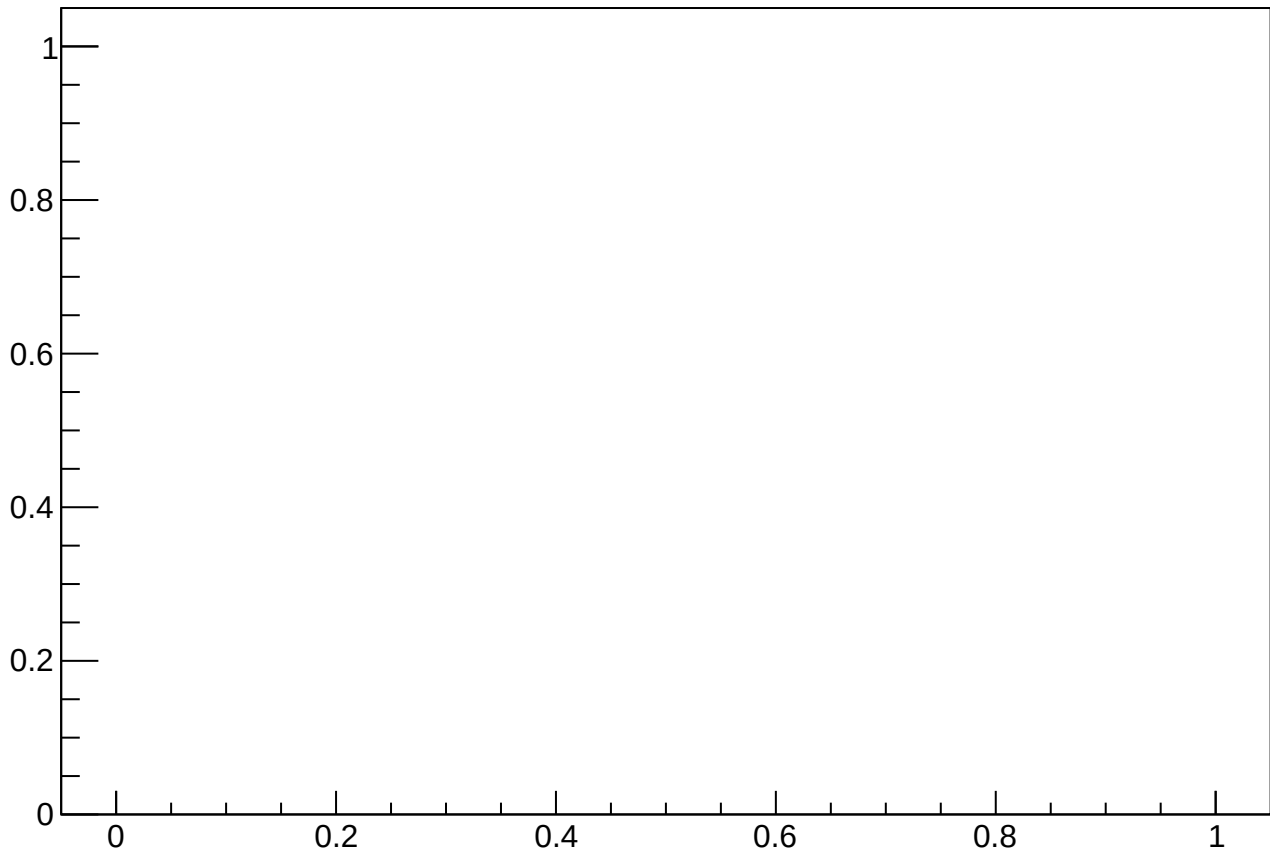
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



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

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

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

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

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

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

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

dit_sam7_coil1_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



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

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

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

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

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

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

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

dit_4aX_coil3_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

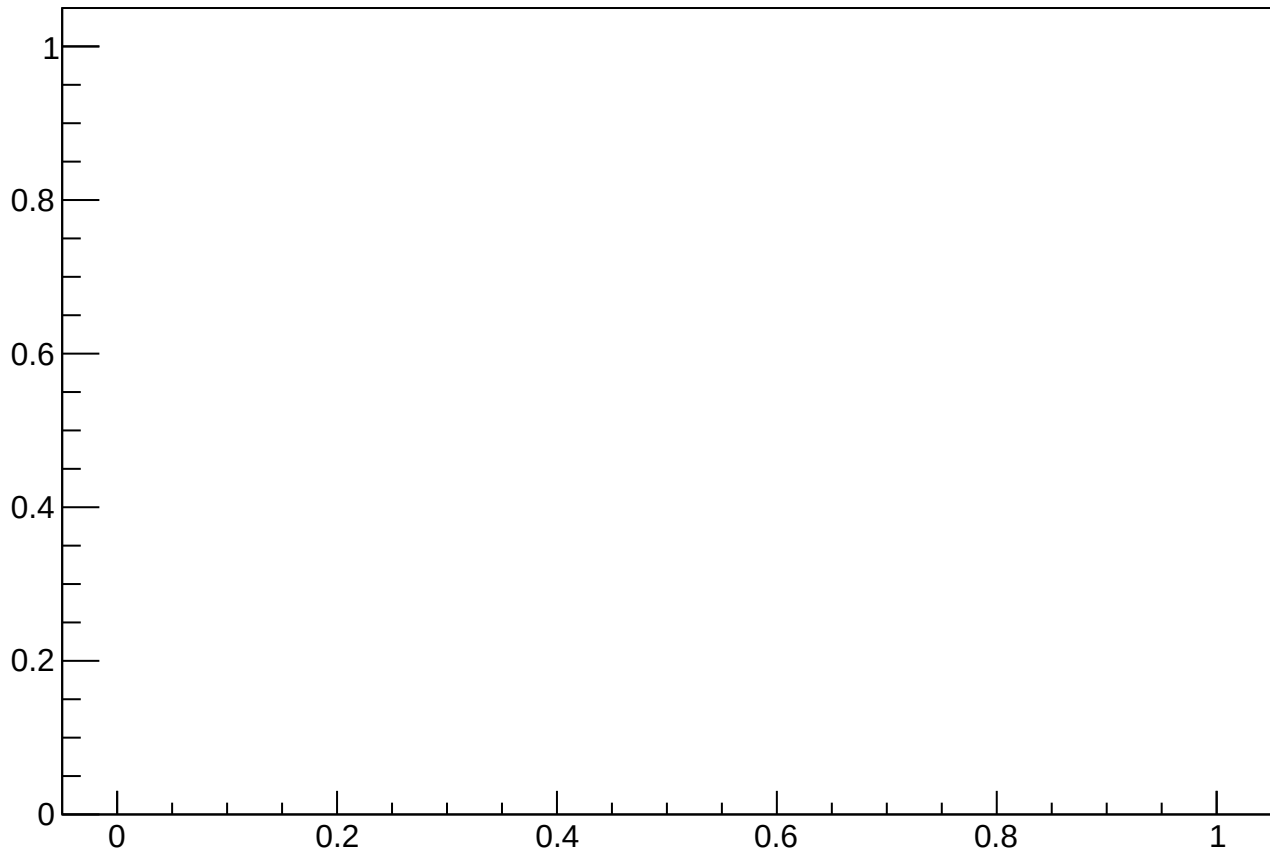
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

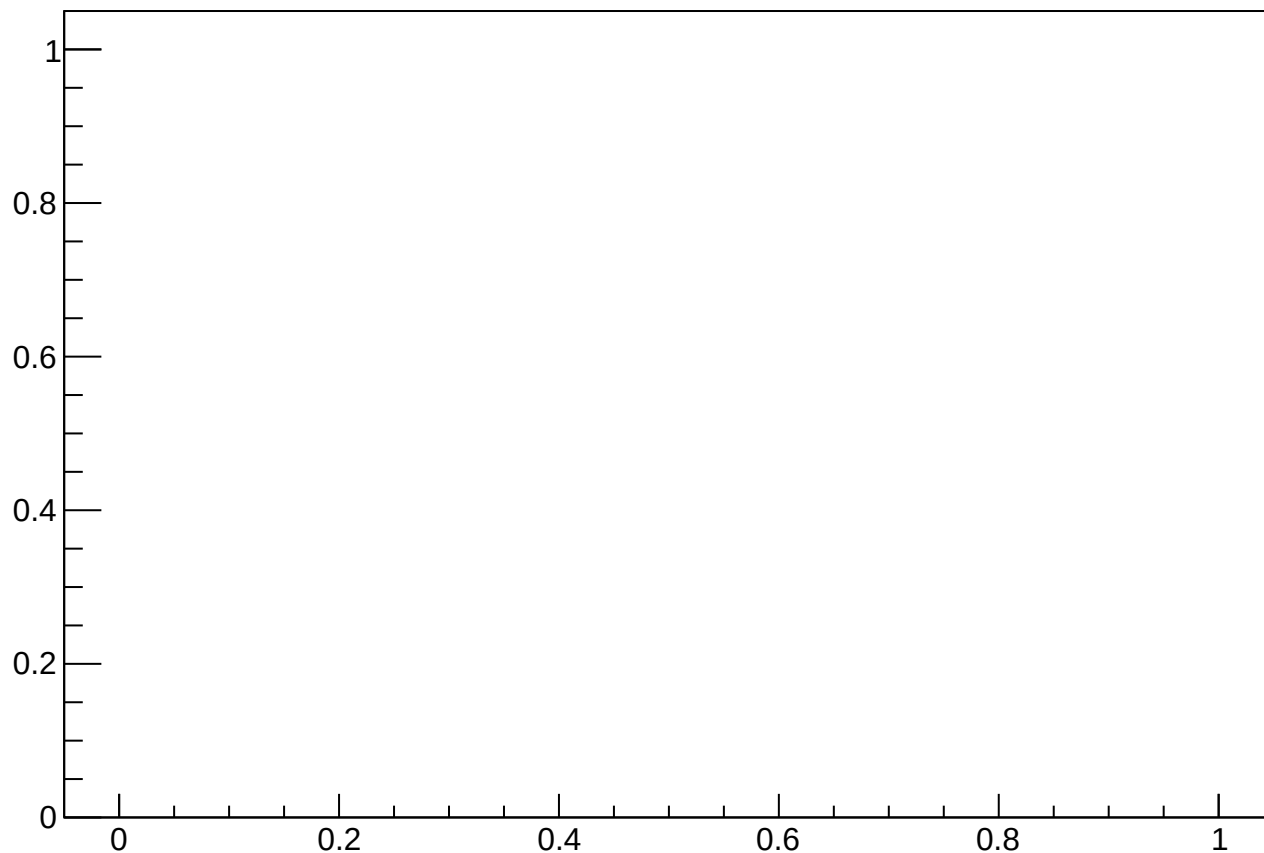
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

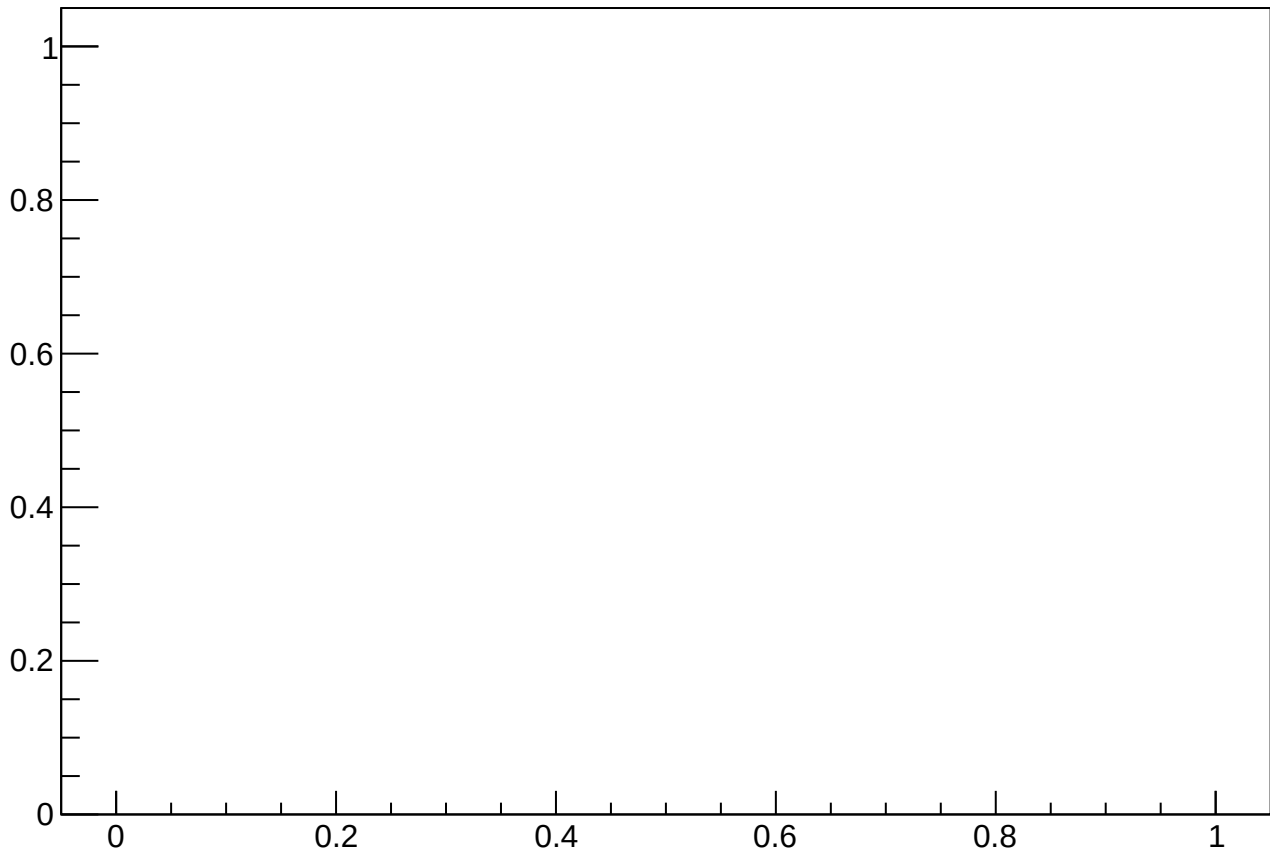
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

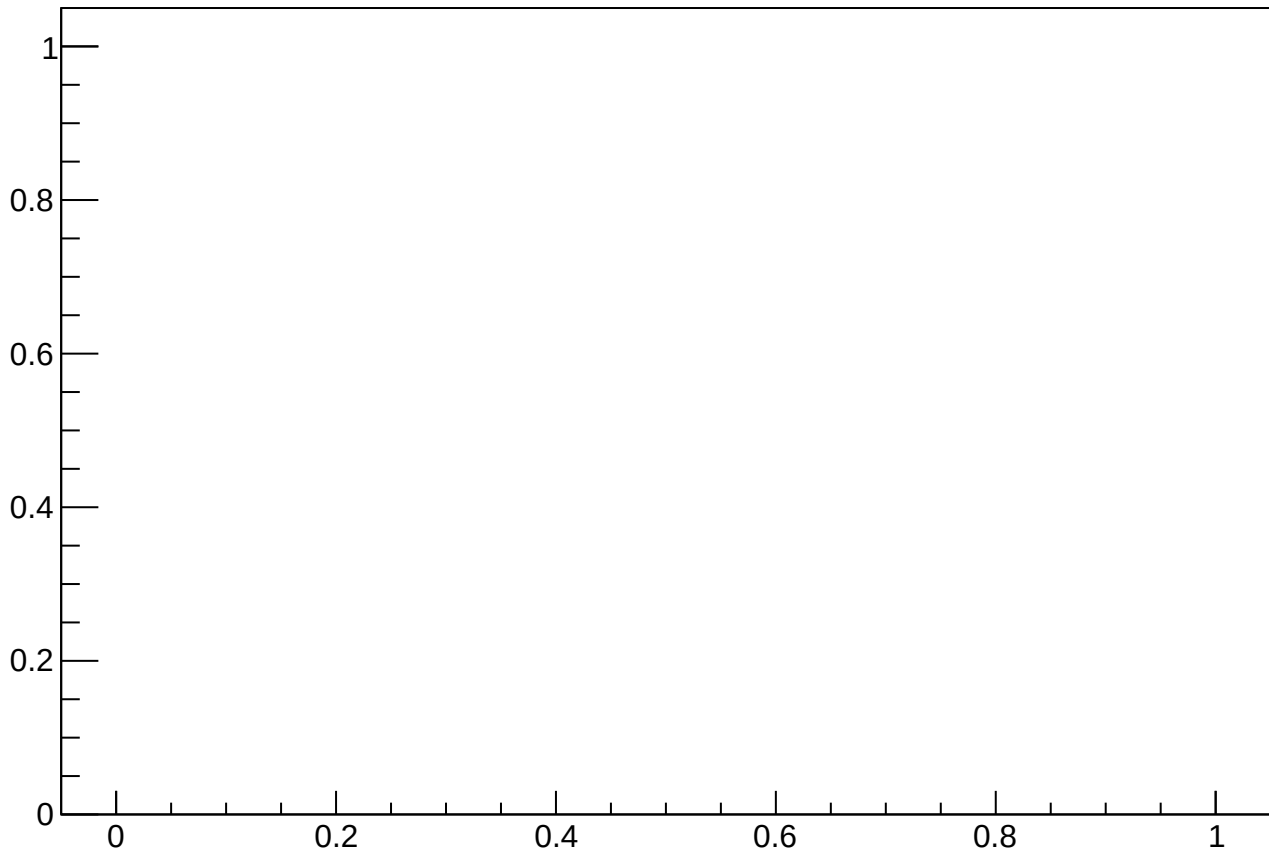
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

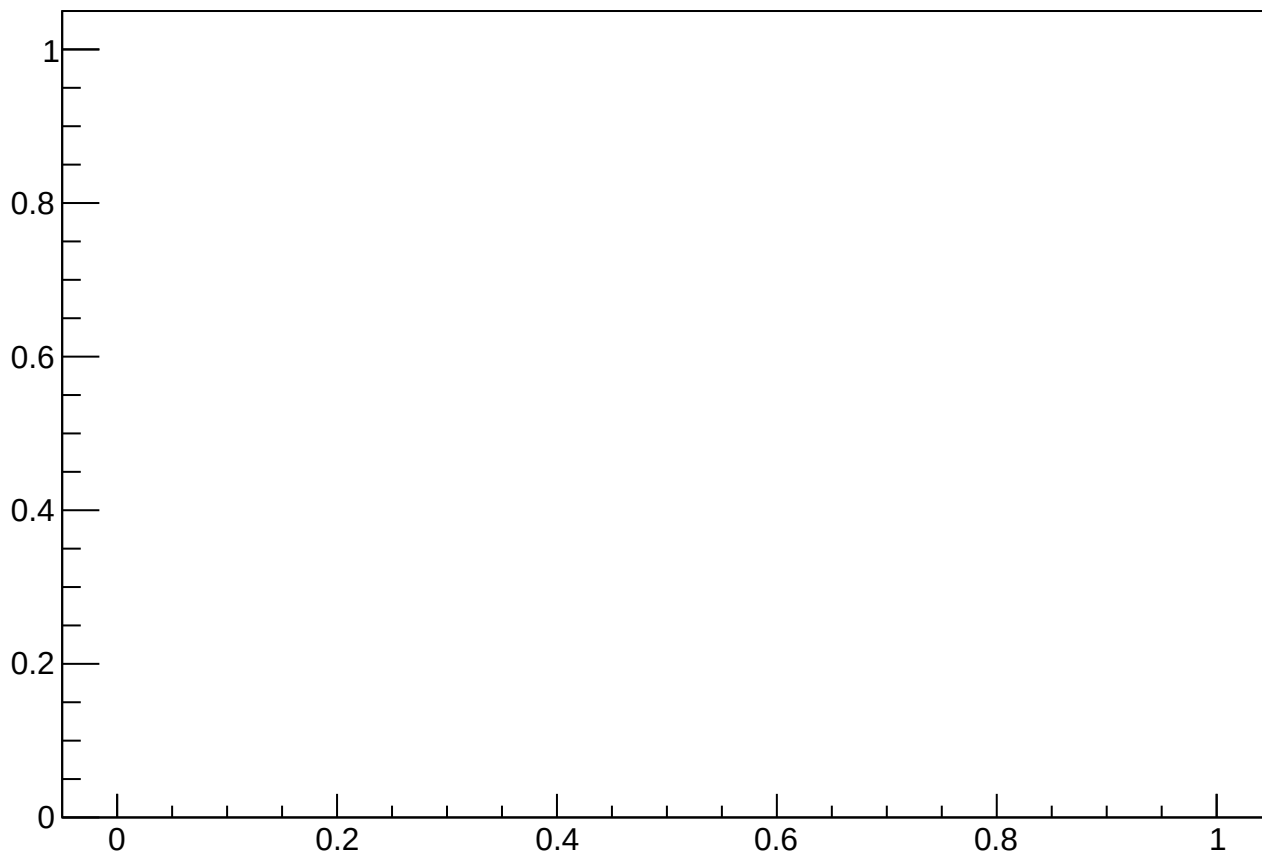
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

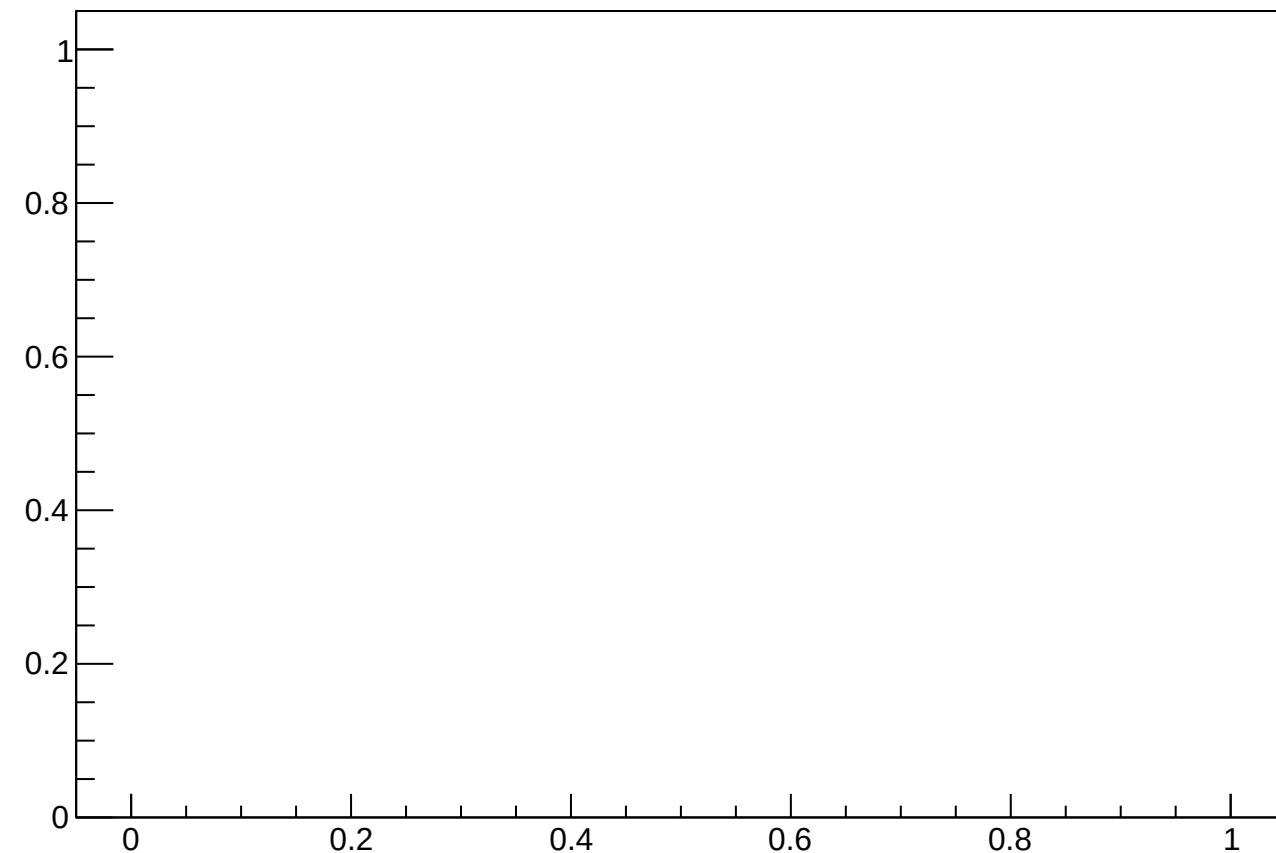
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

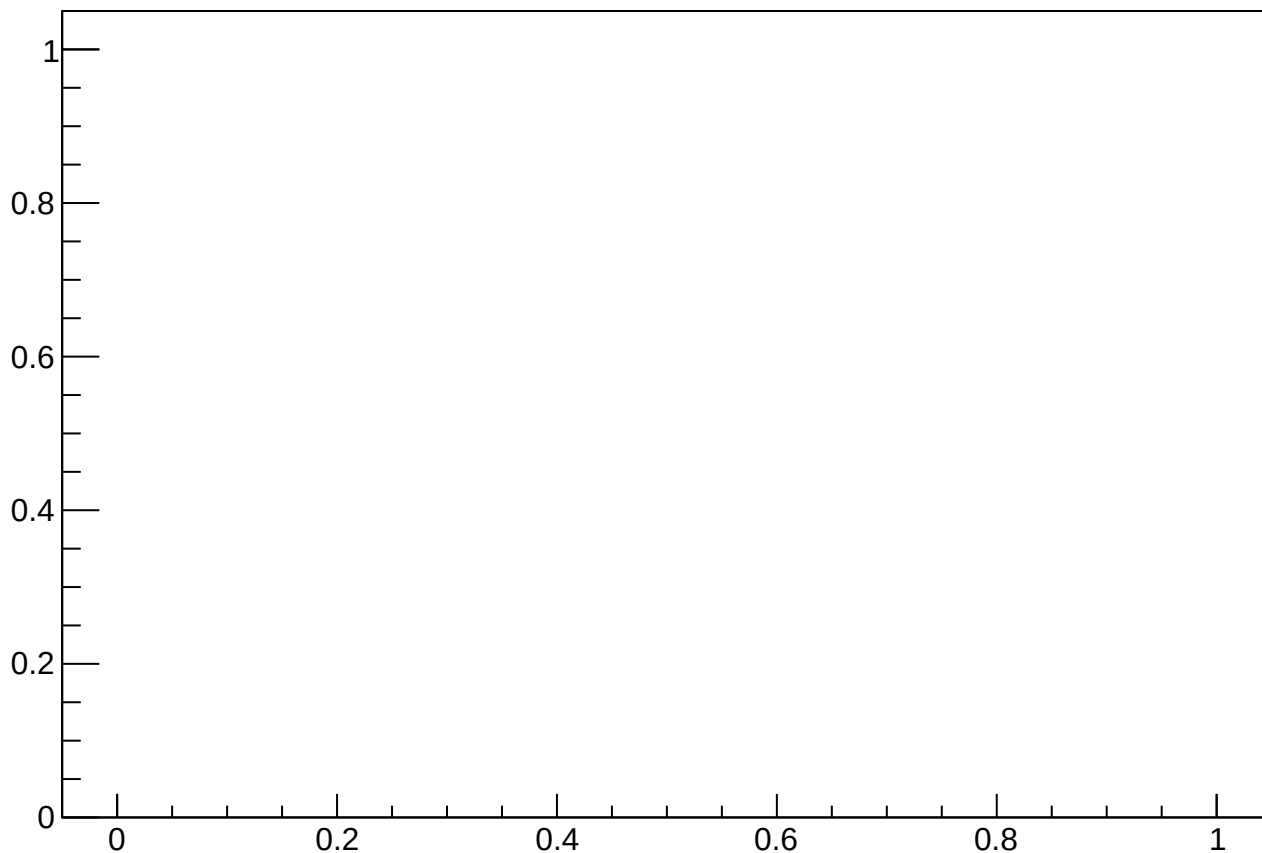
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

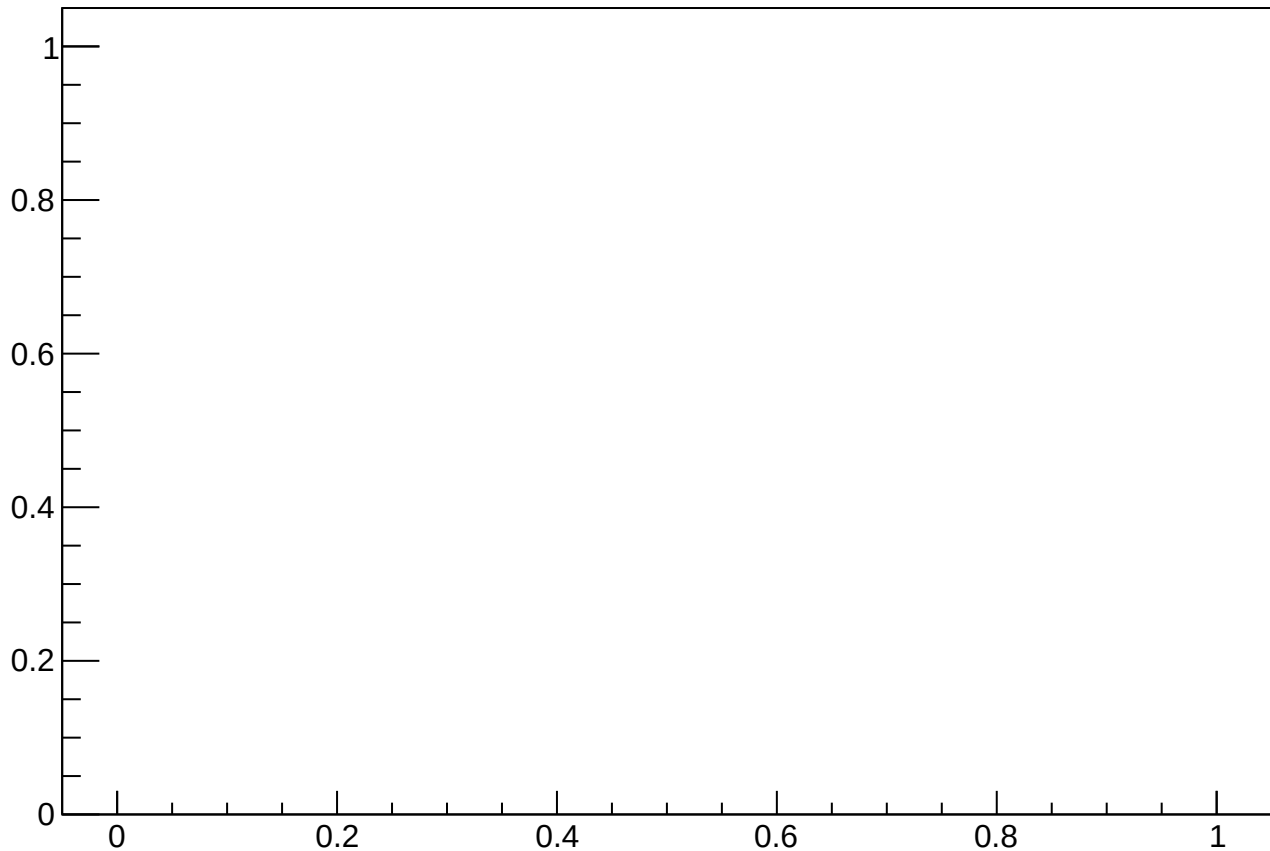
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

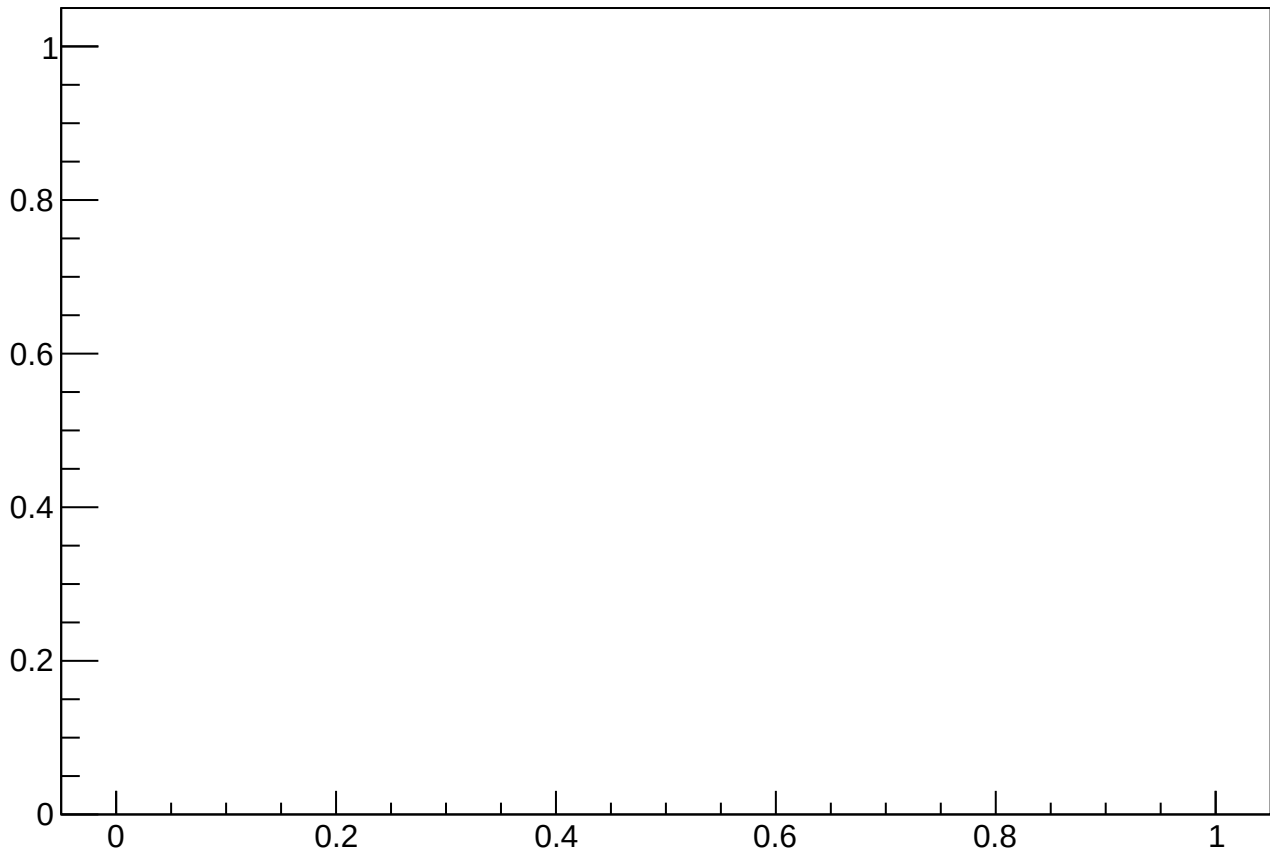
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil3_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

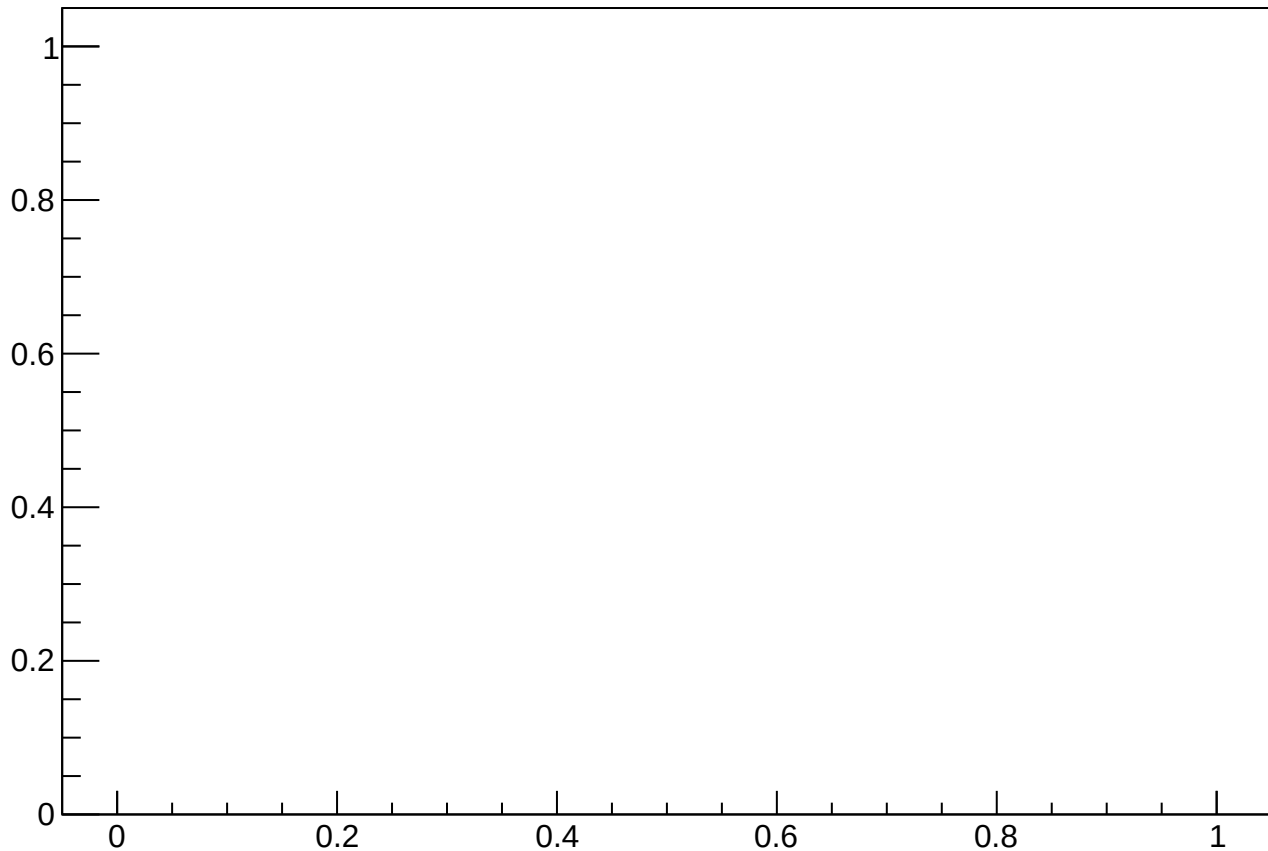
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



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

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

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

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

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

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

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

dit_sam7_coil3_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

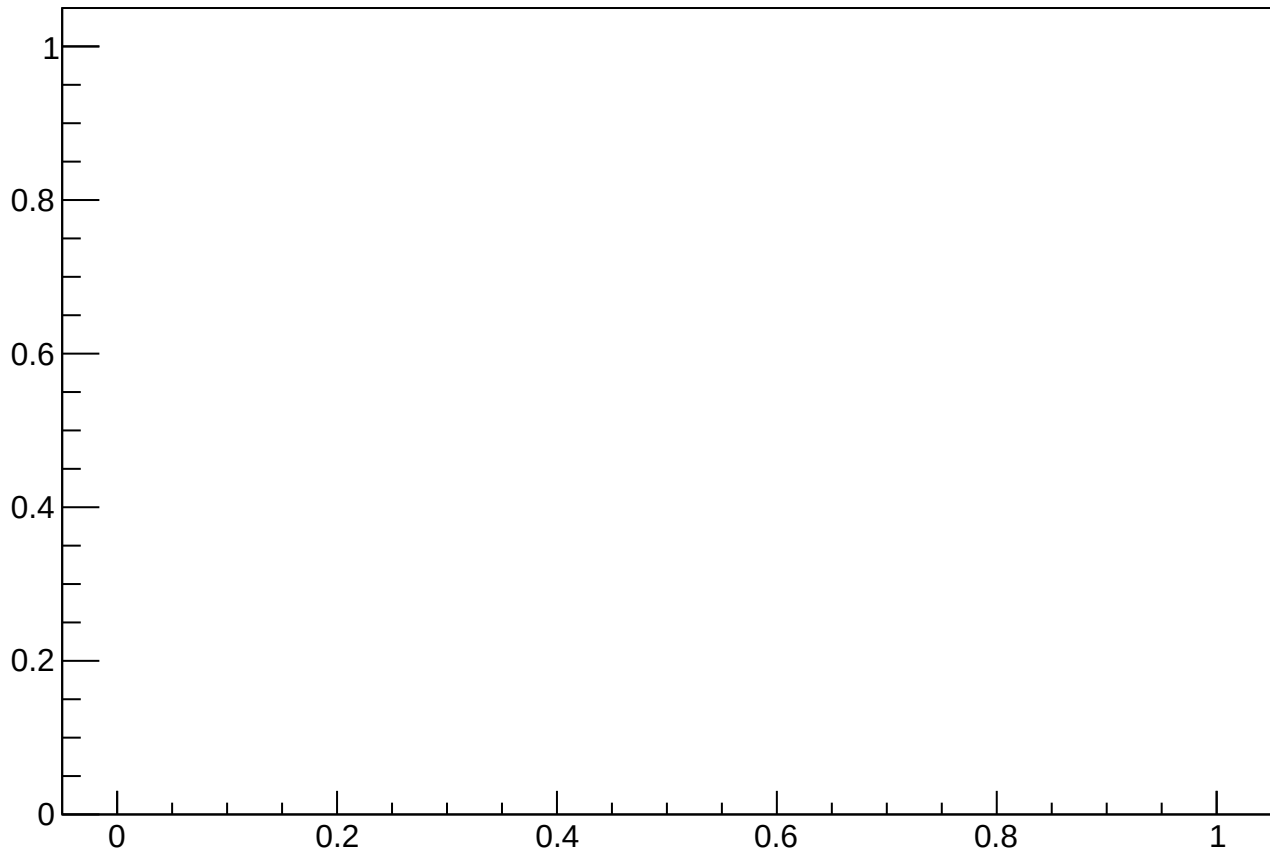
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

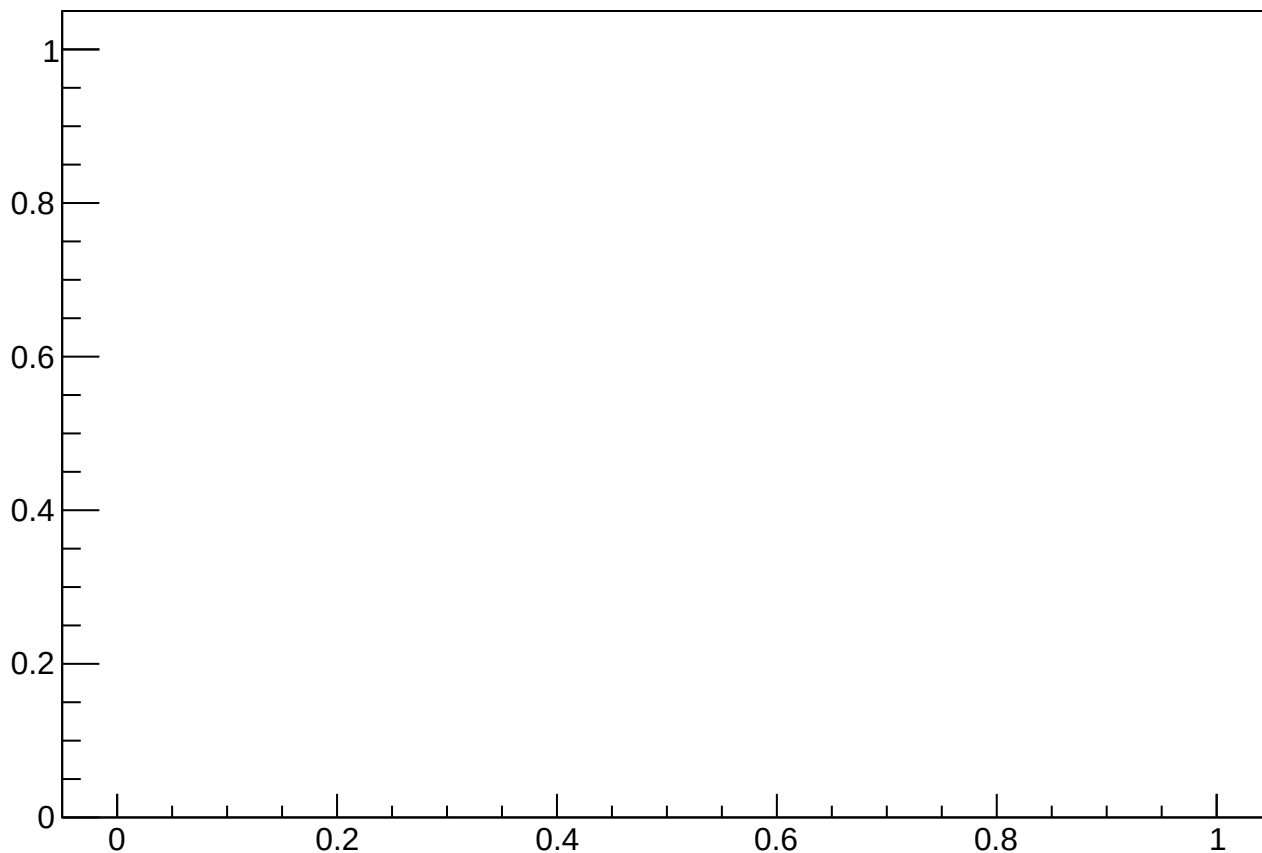
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



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

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

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

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

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

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

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

dit_4eY_coil7_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

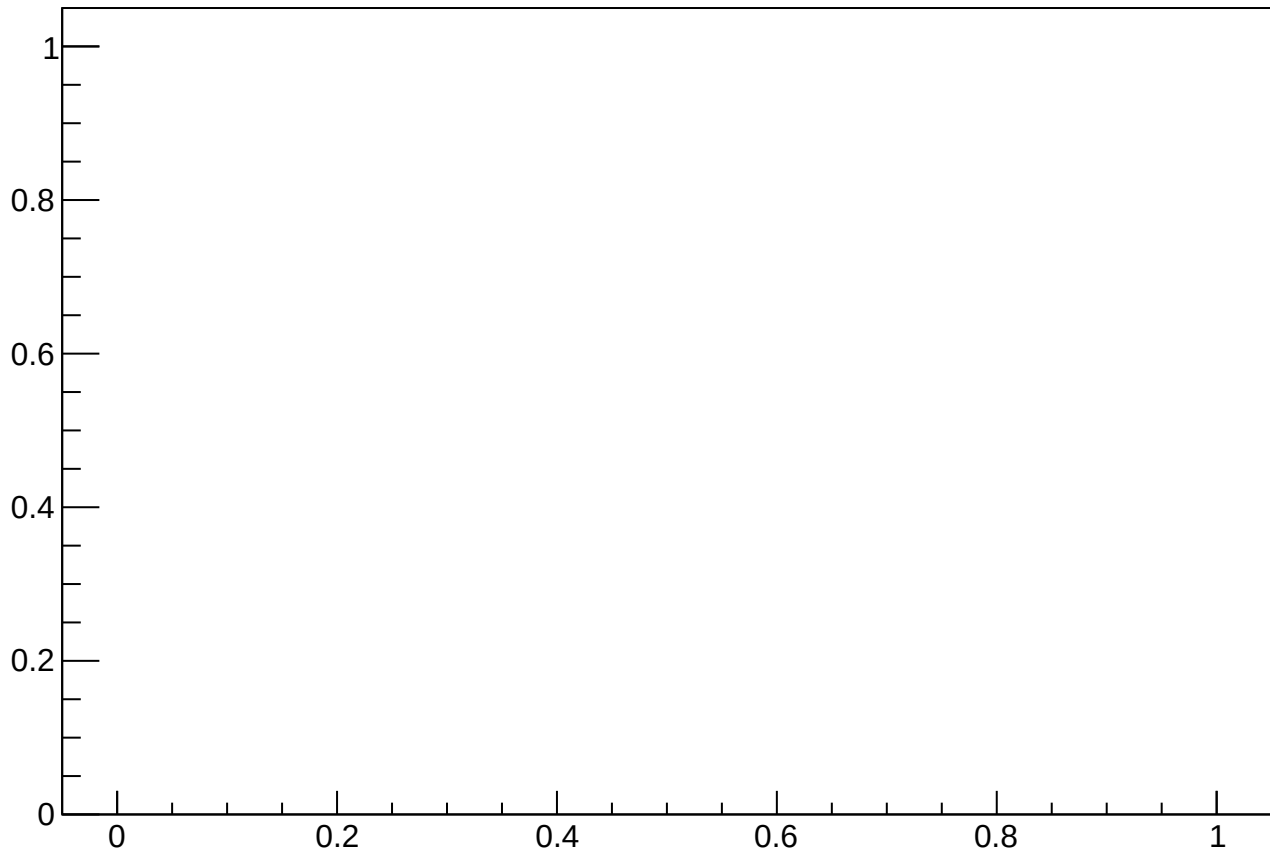
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

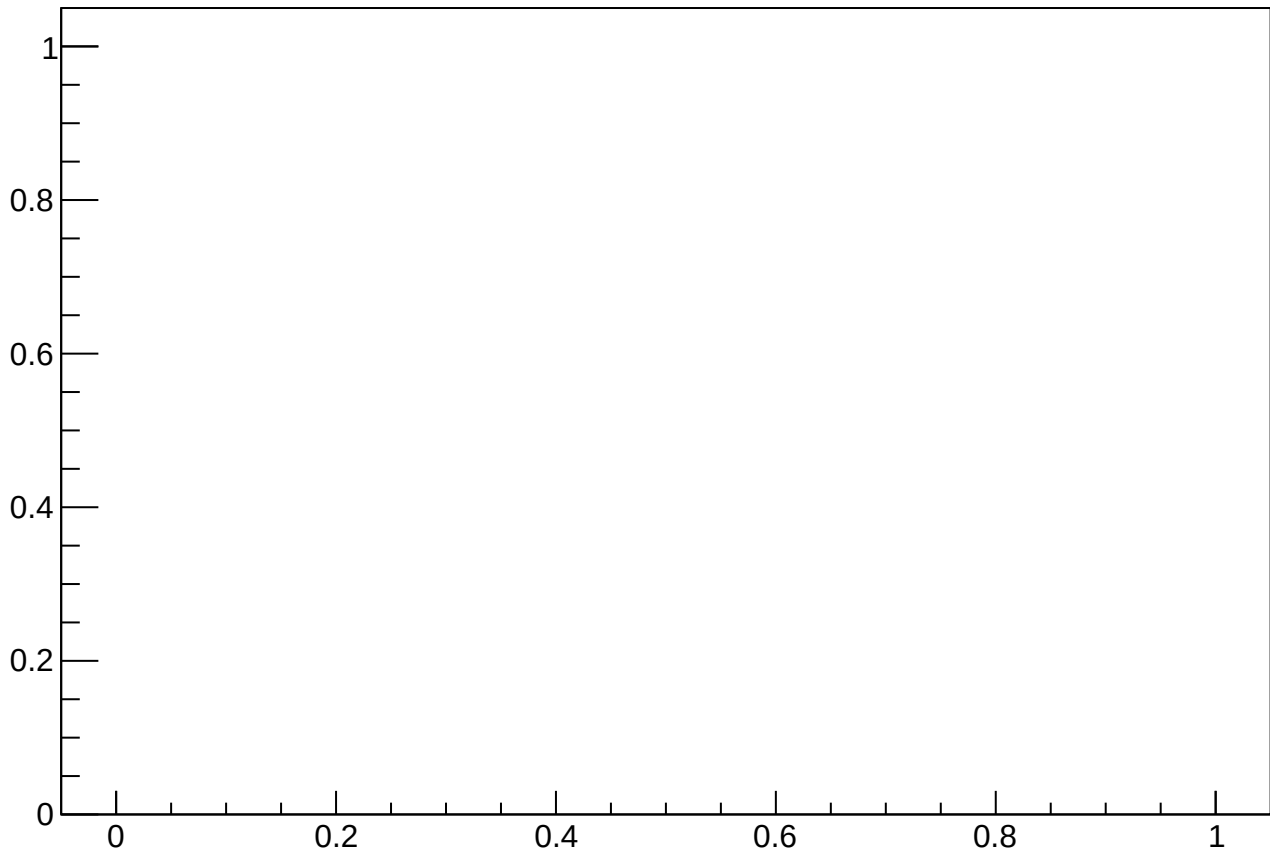
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

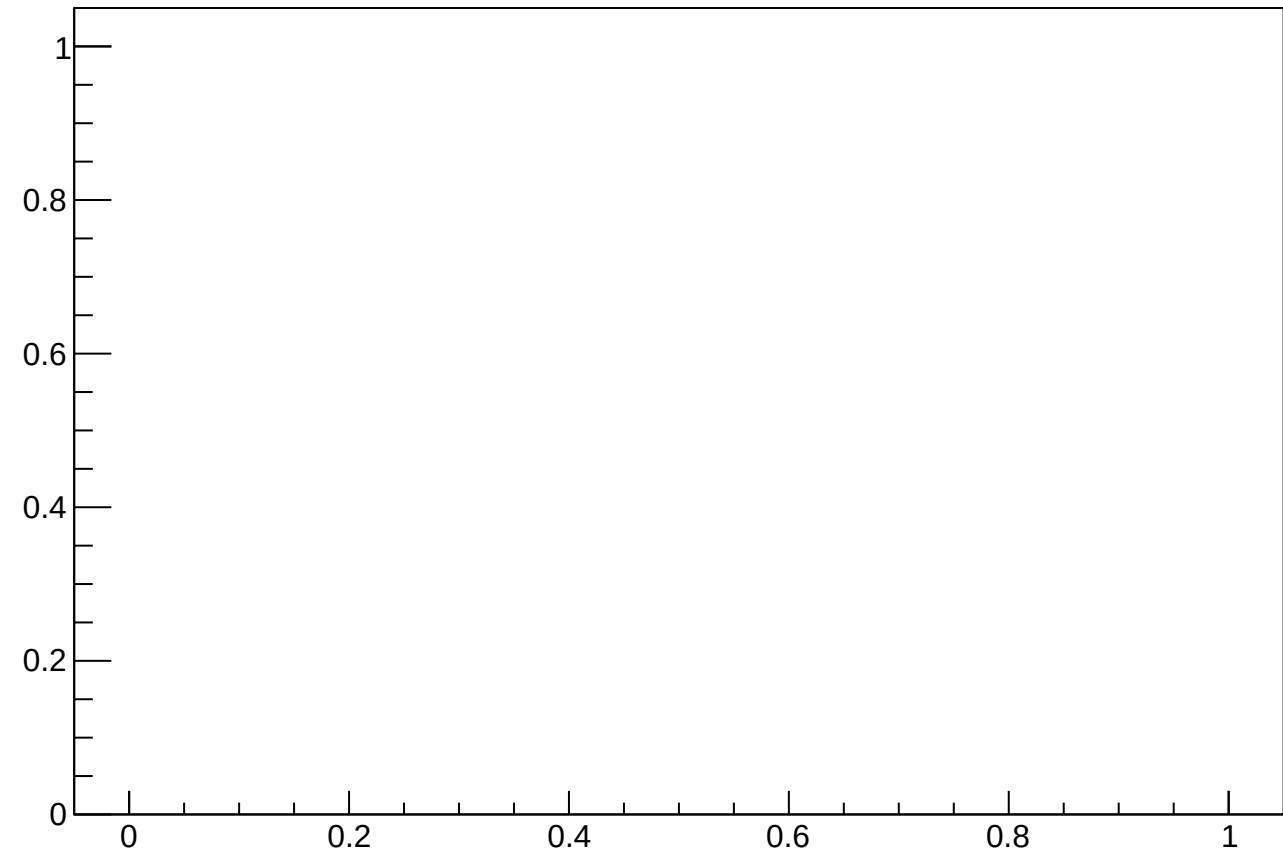
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

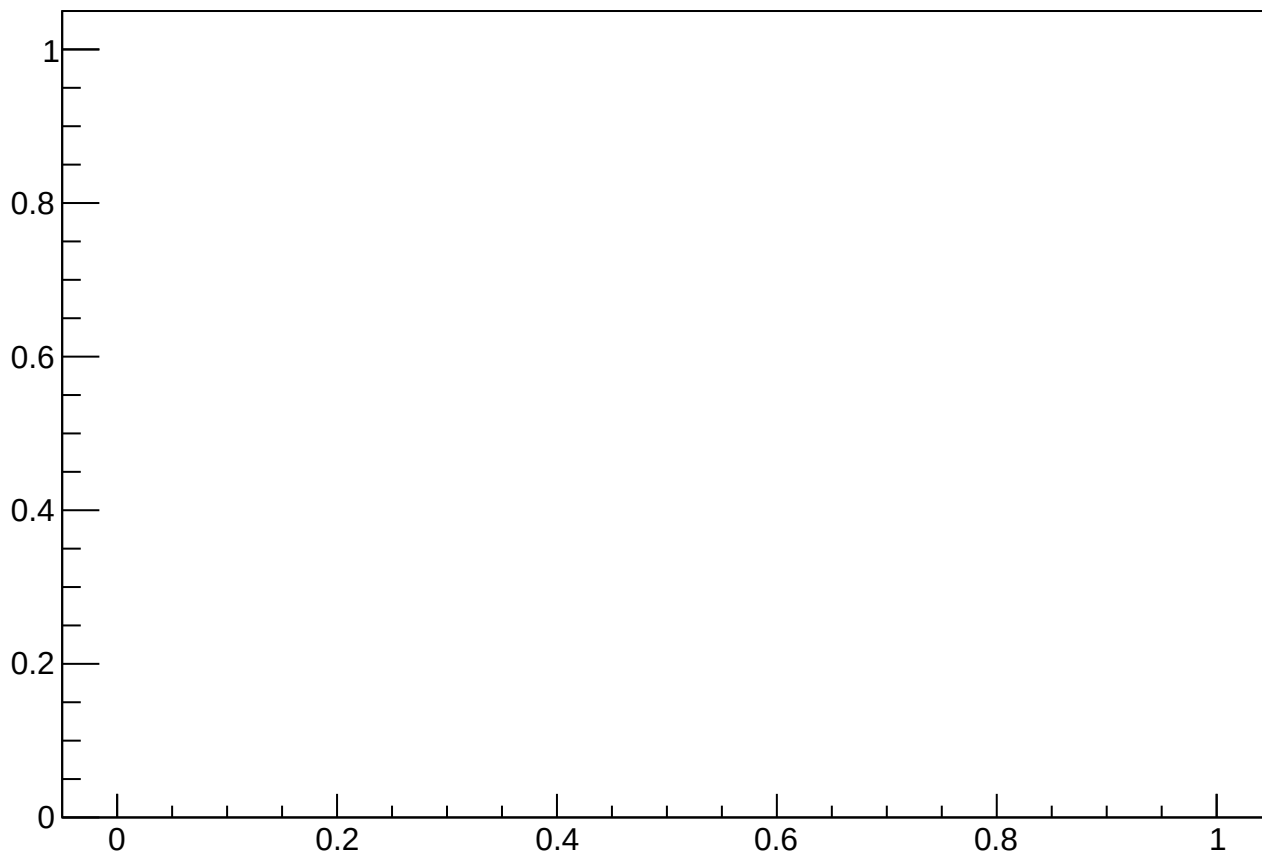
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

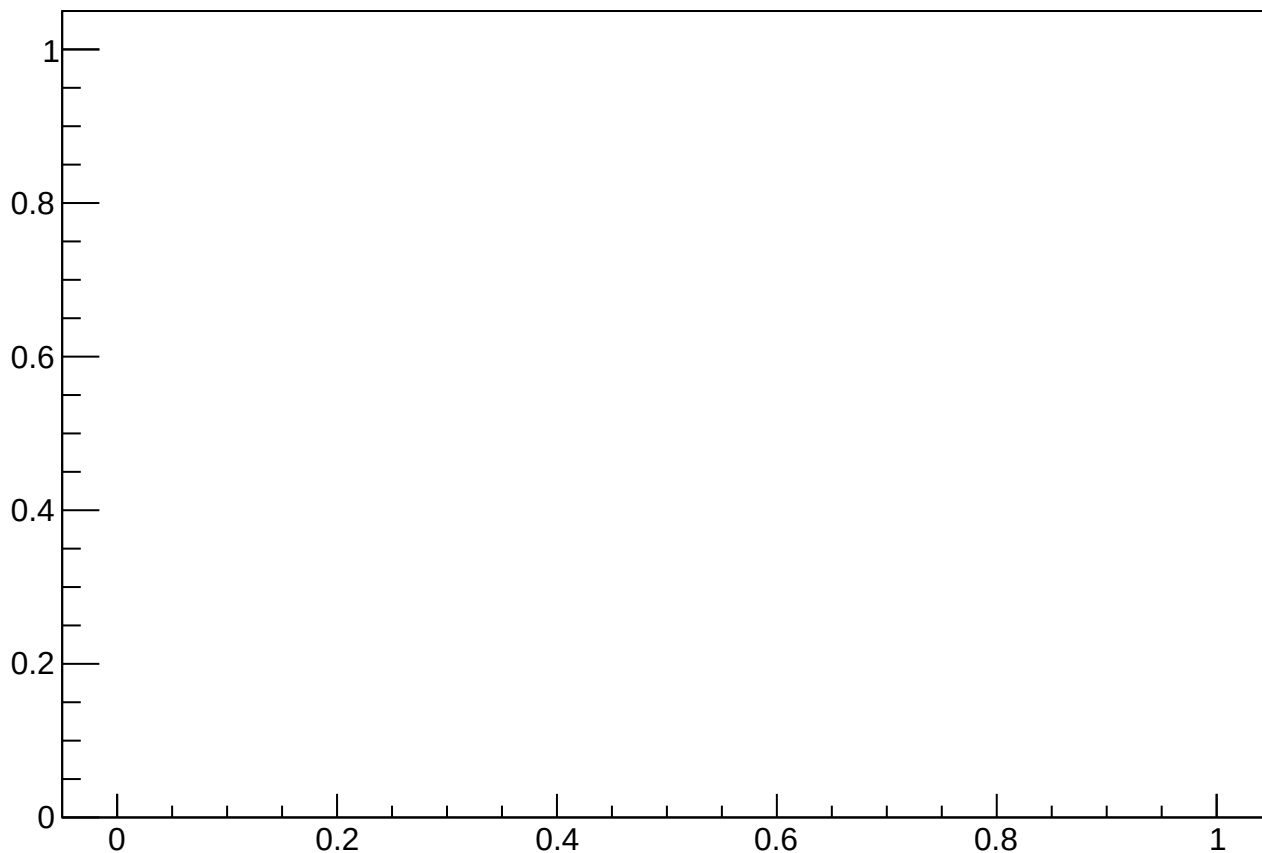
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil7_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

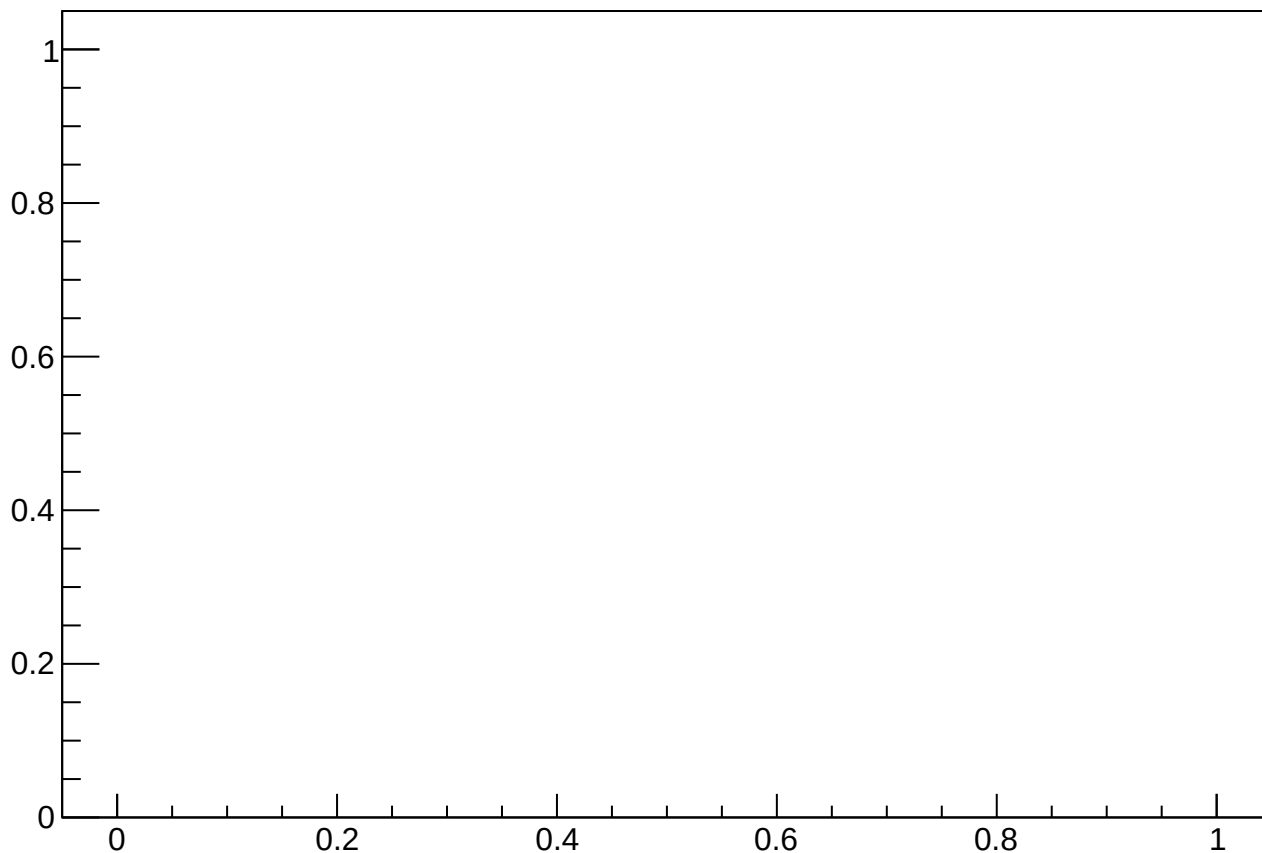
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

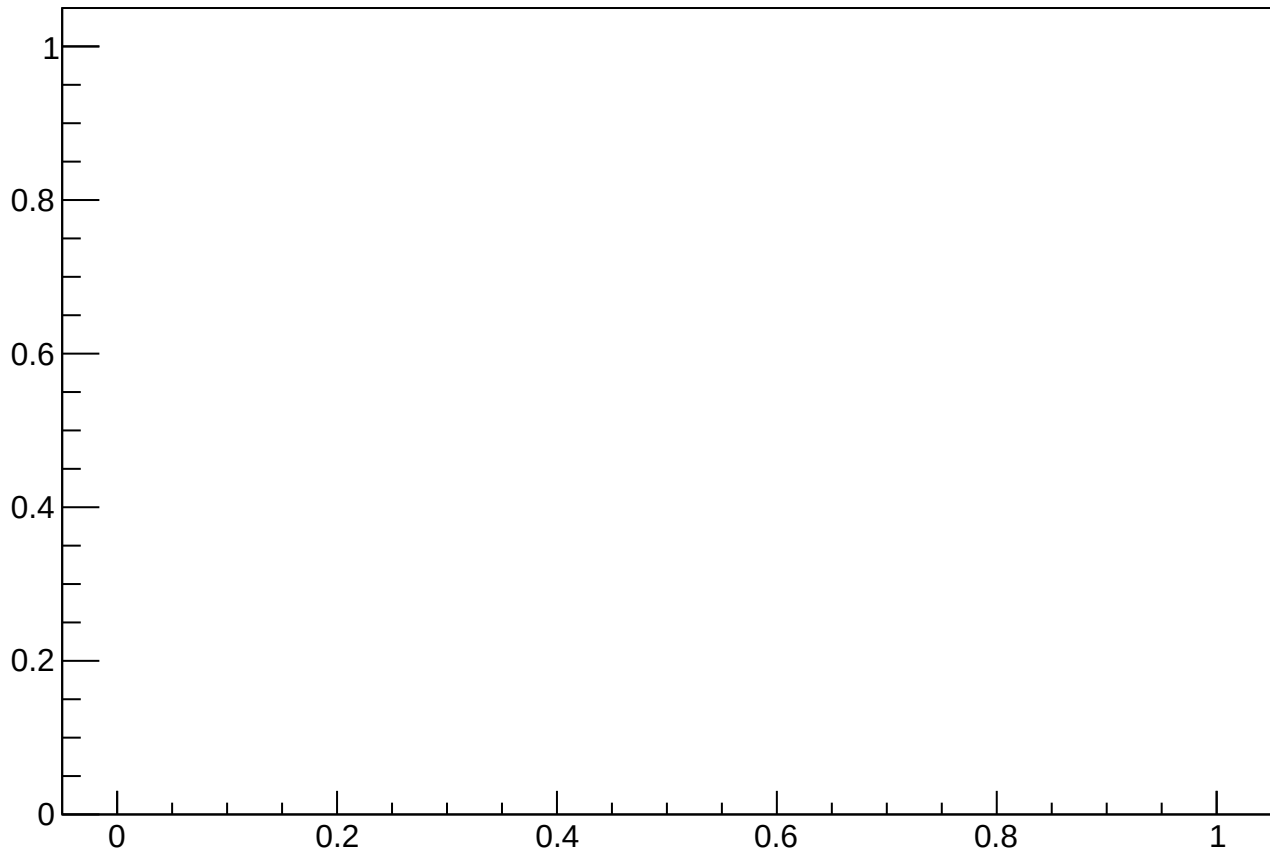
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



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

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

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

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

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

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

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

dit_sam5_coil7_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

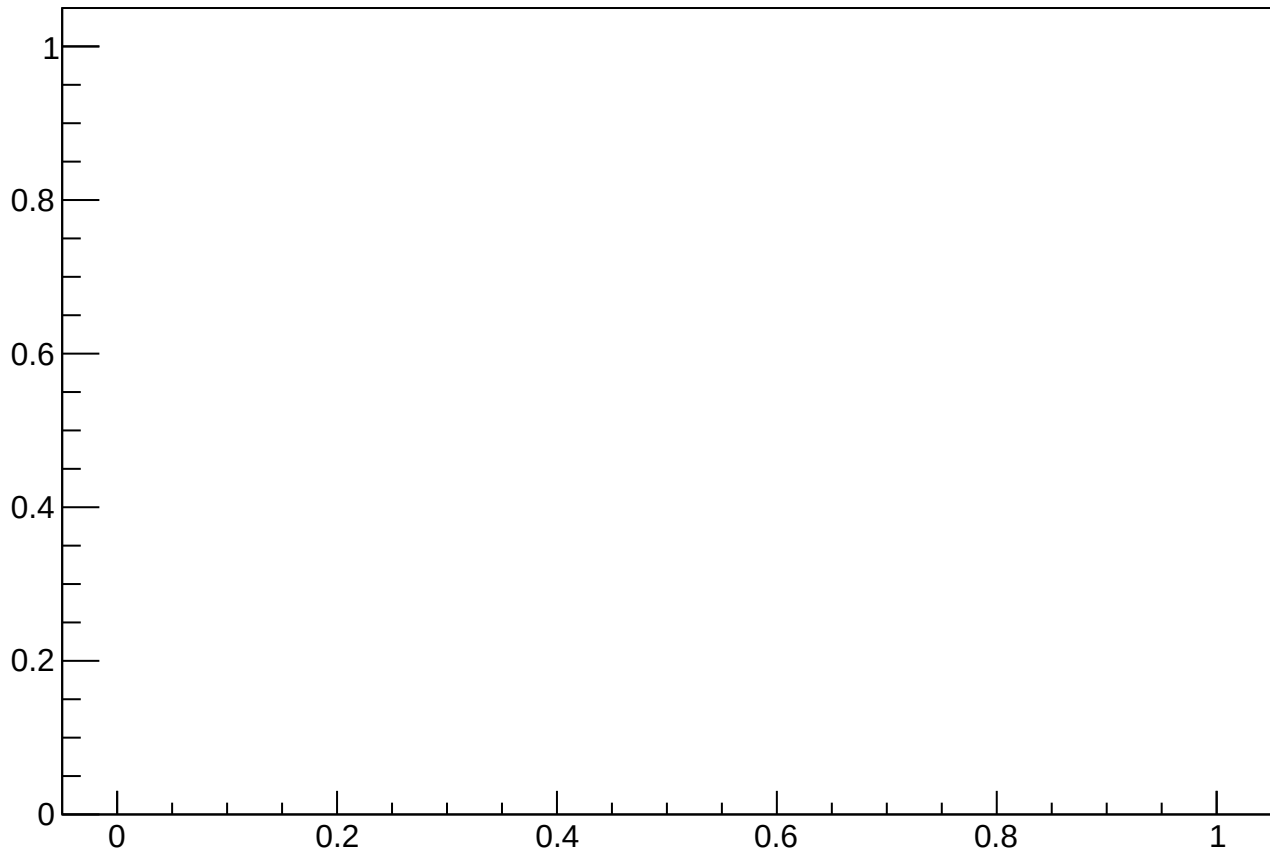
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aX_coil4_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

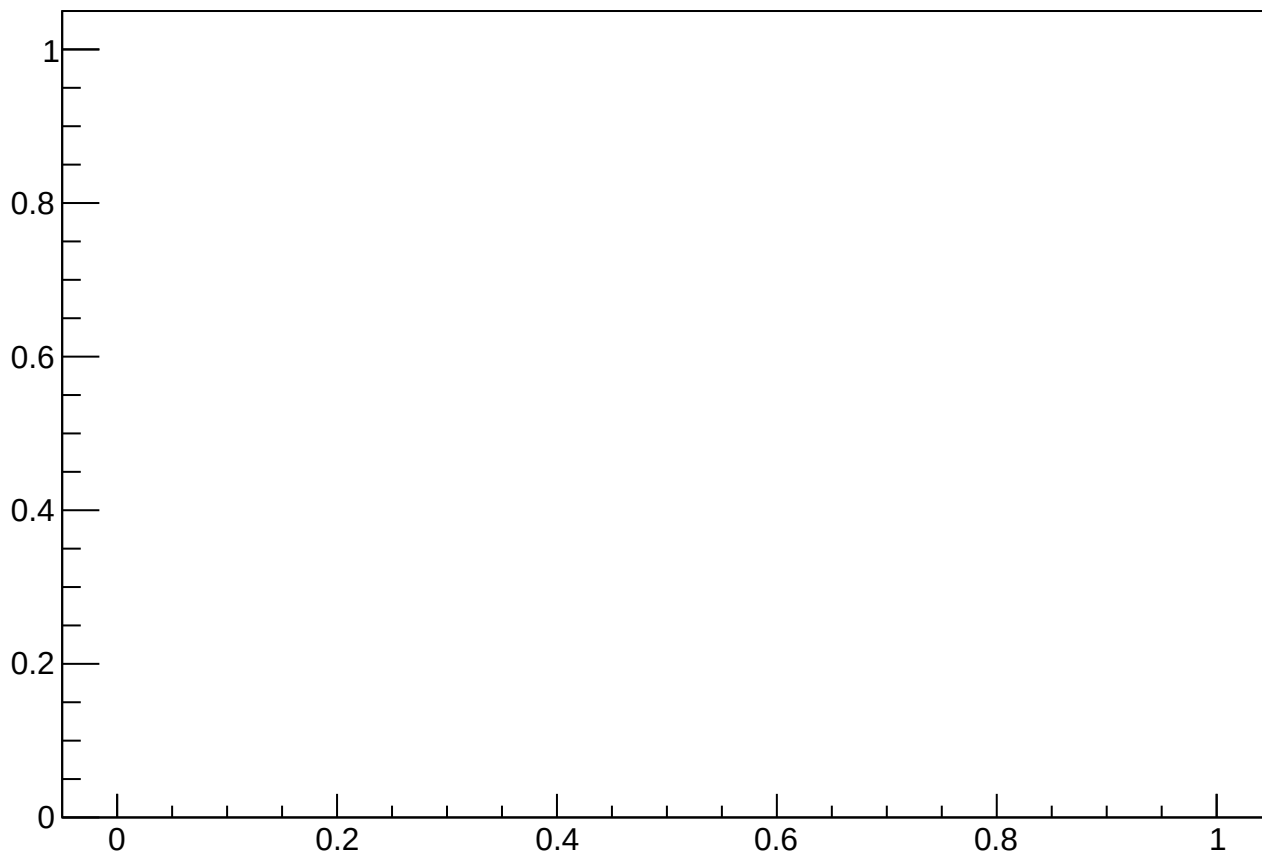
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

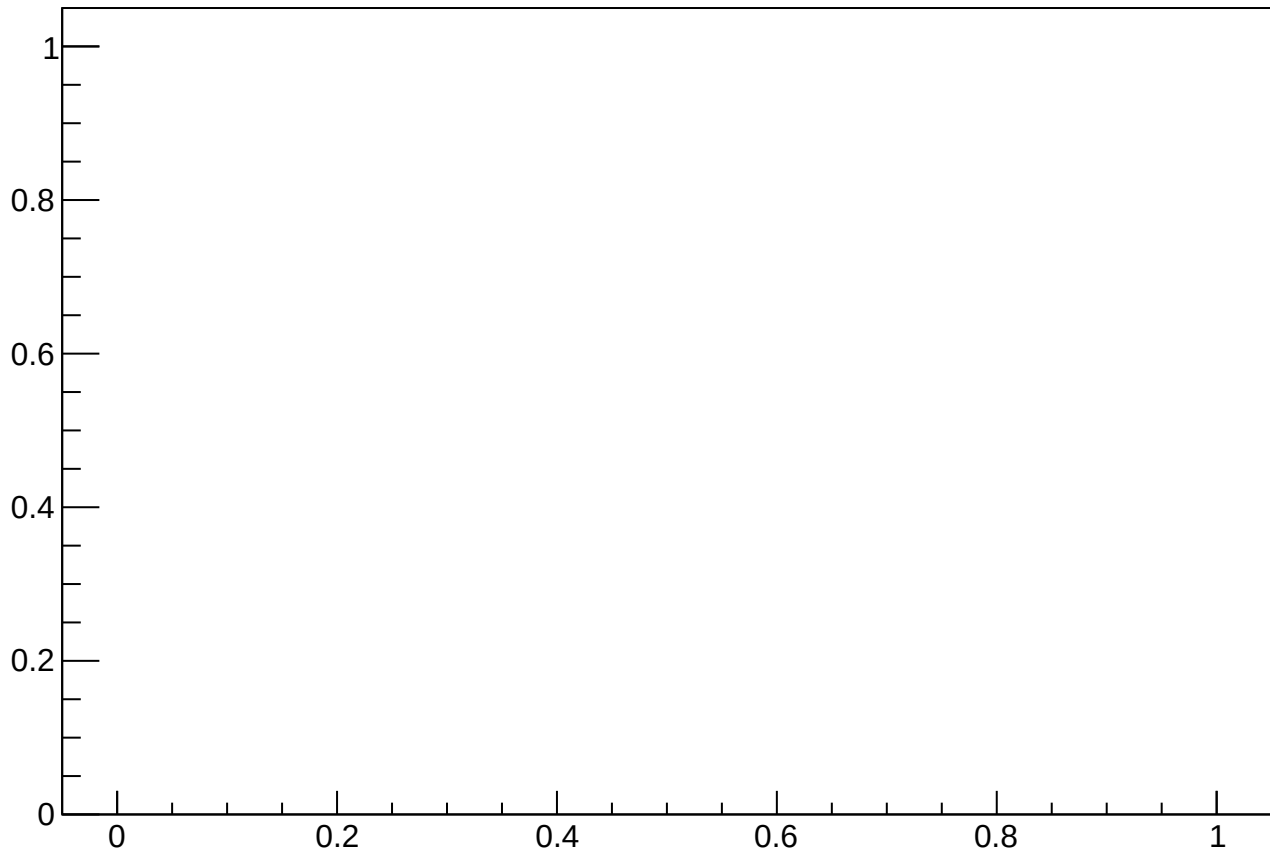
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

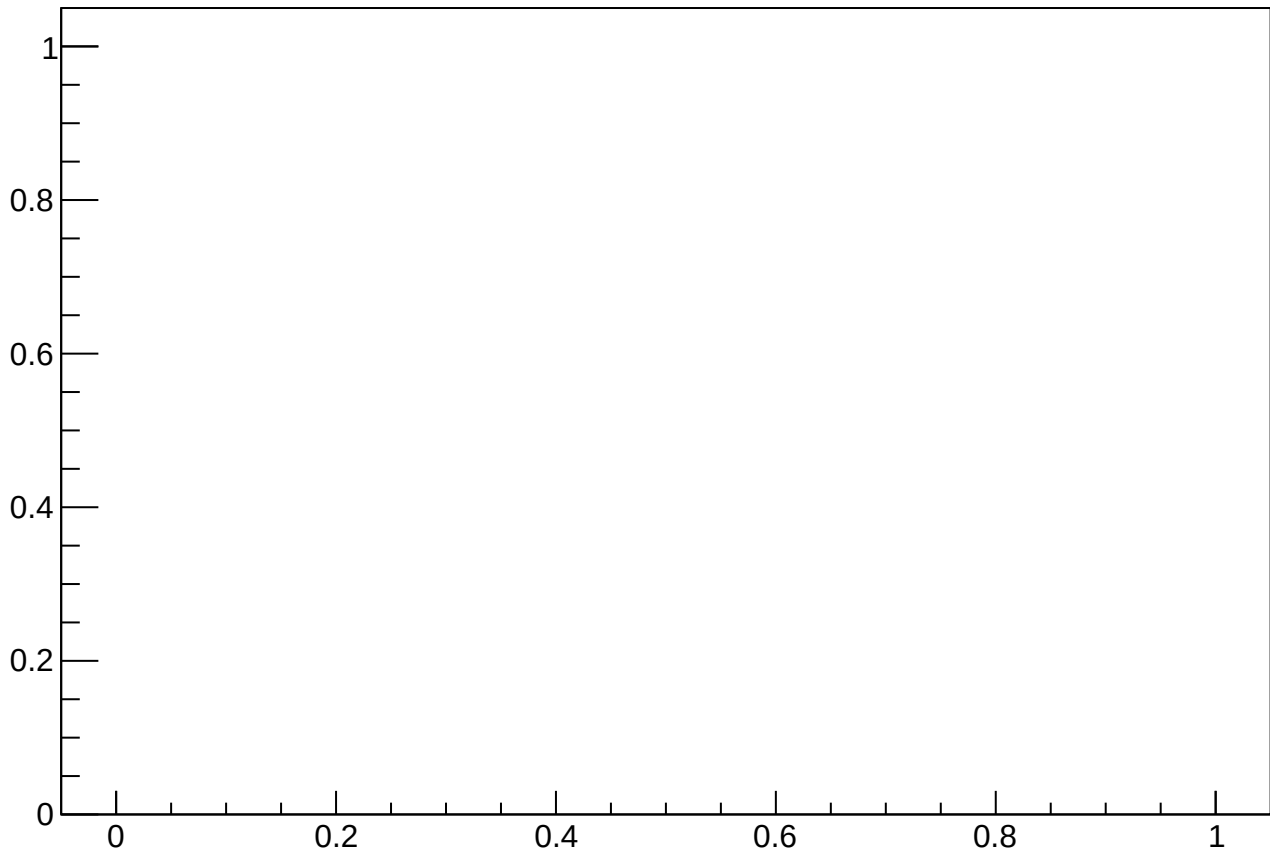
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil4_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

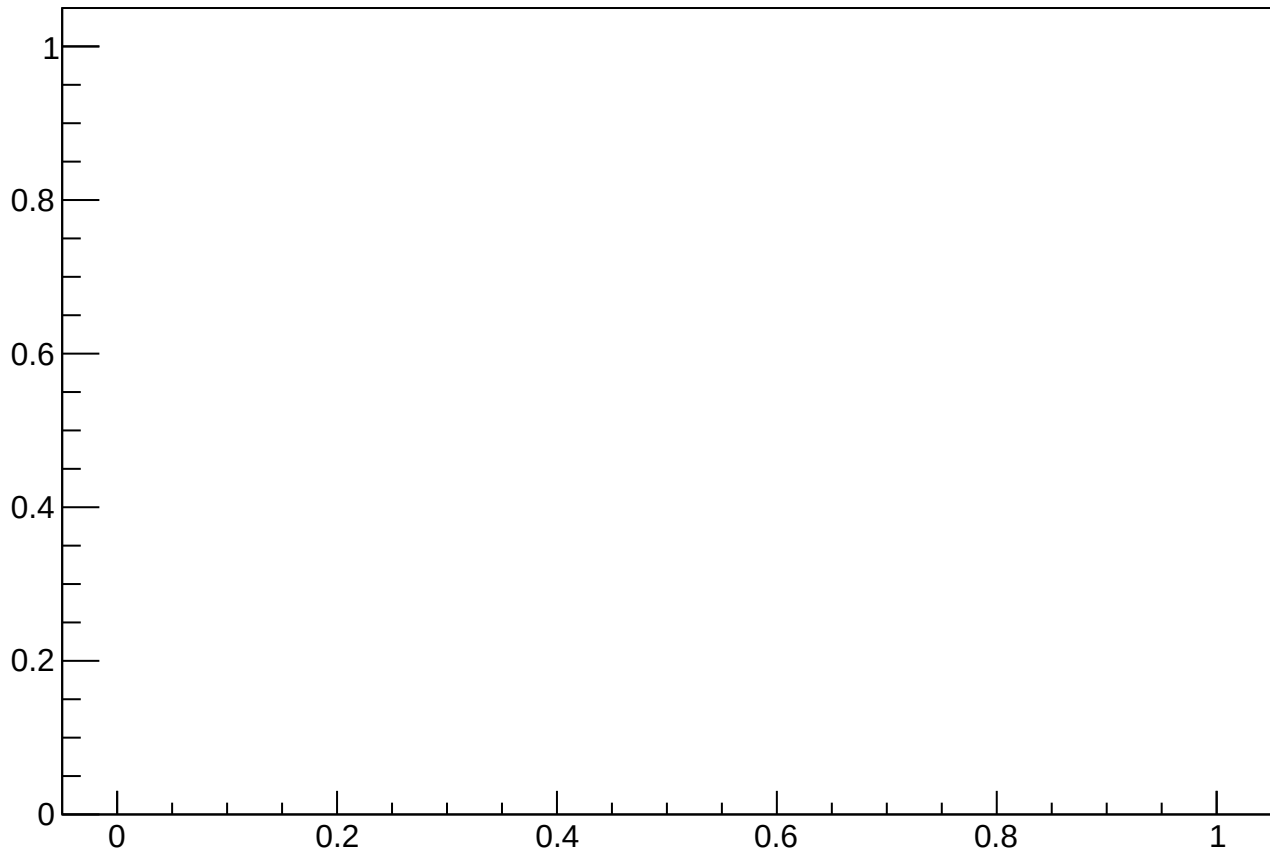
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

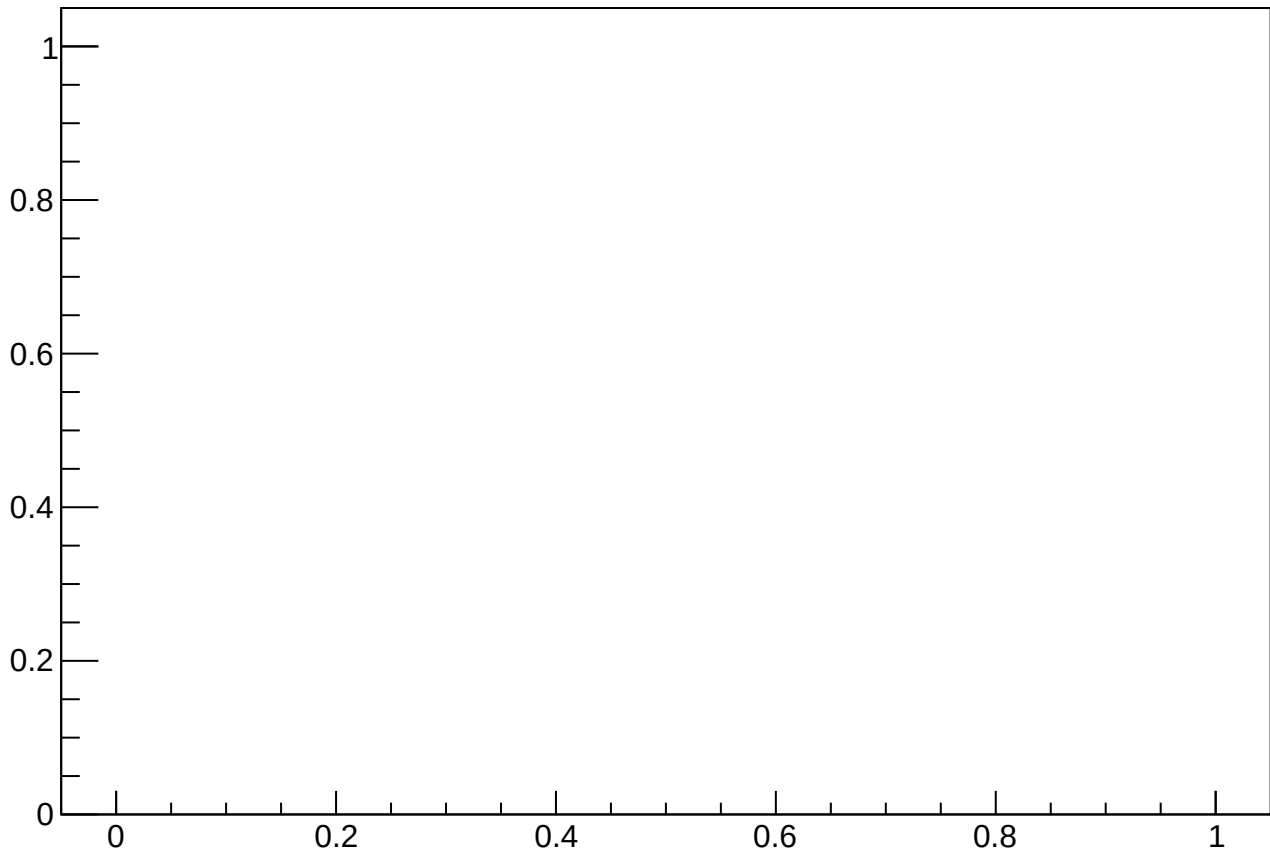
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

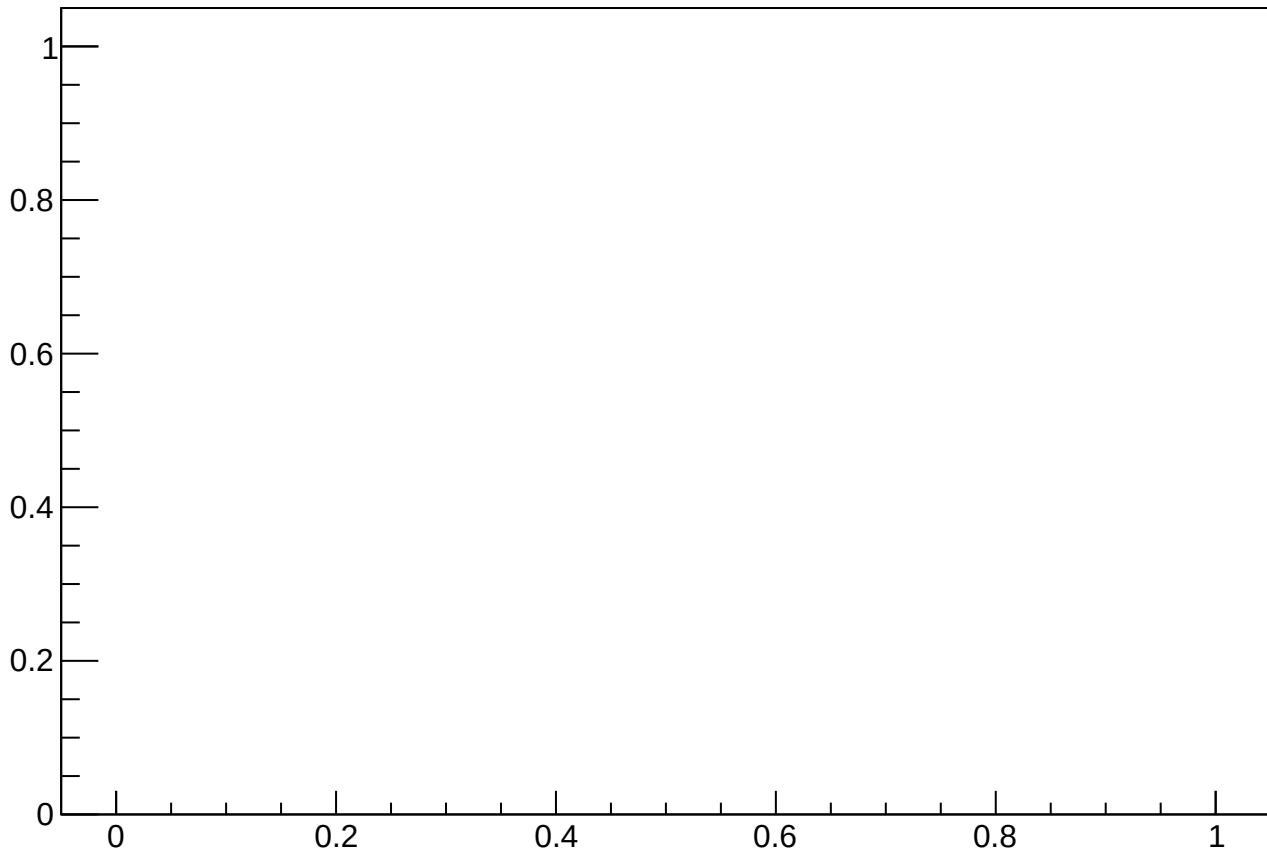
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_usr_coil4_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

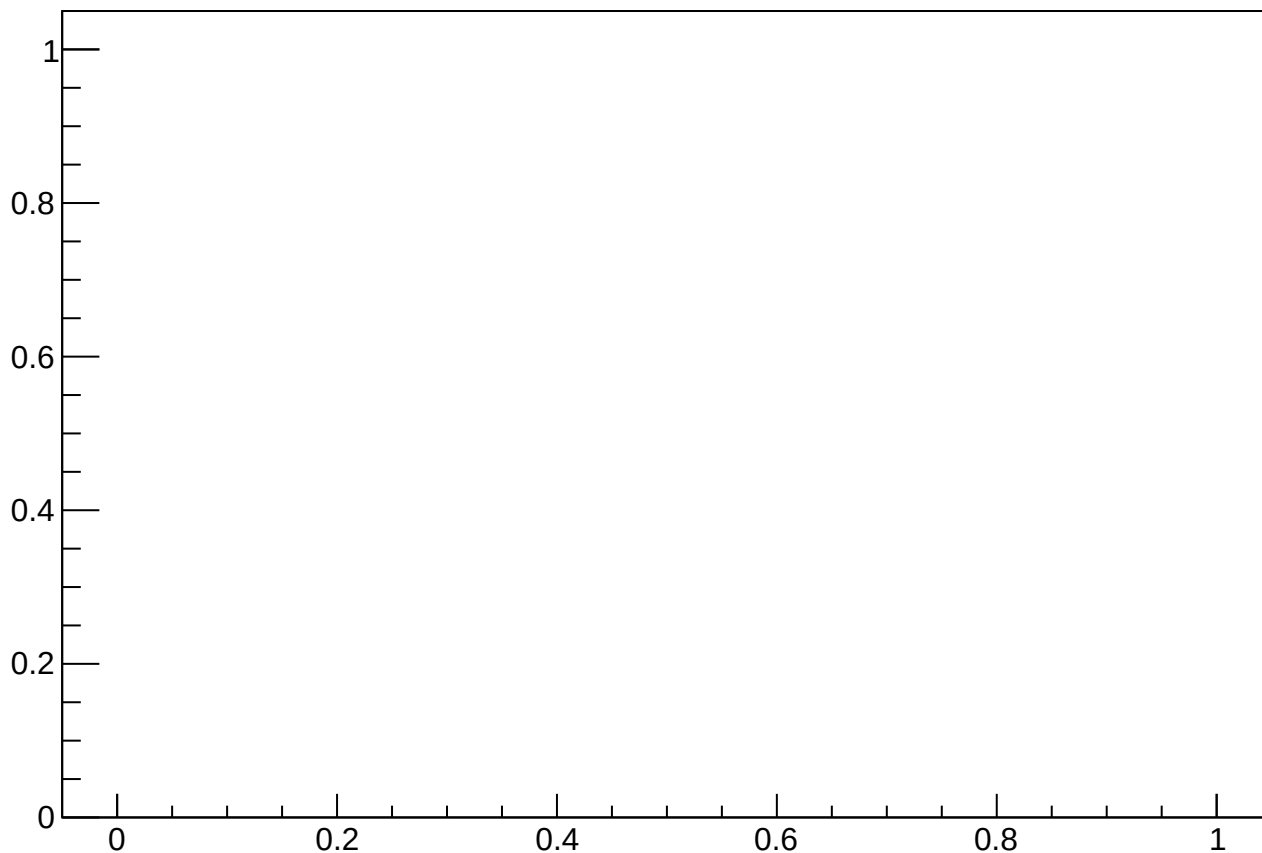
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

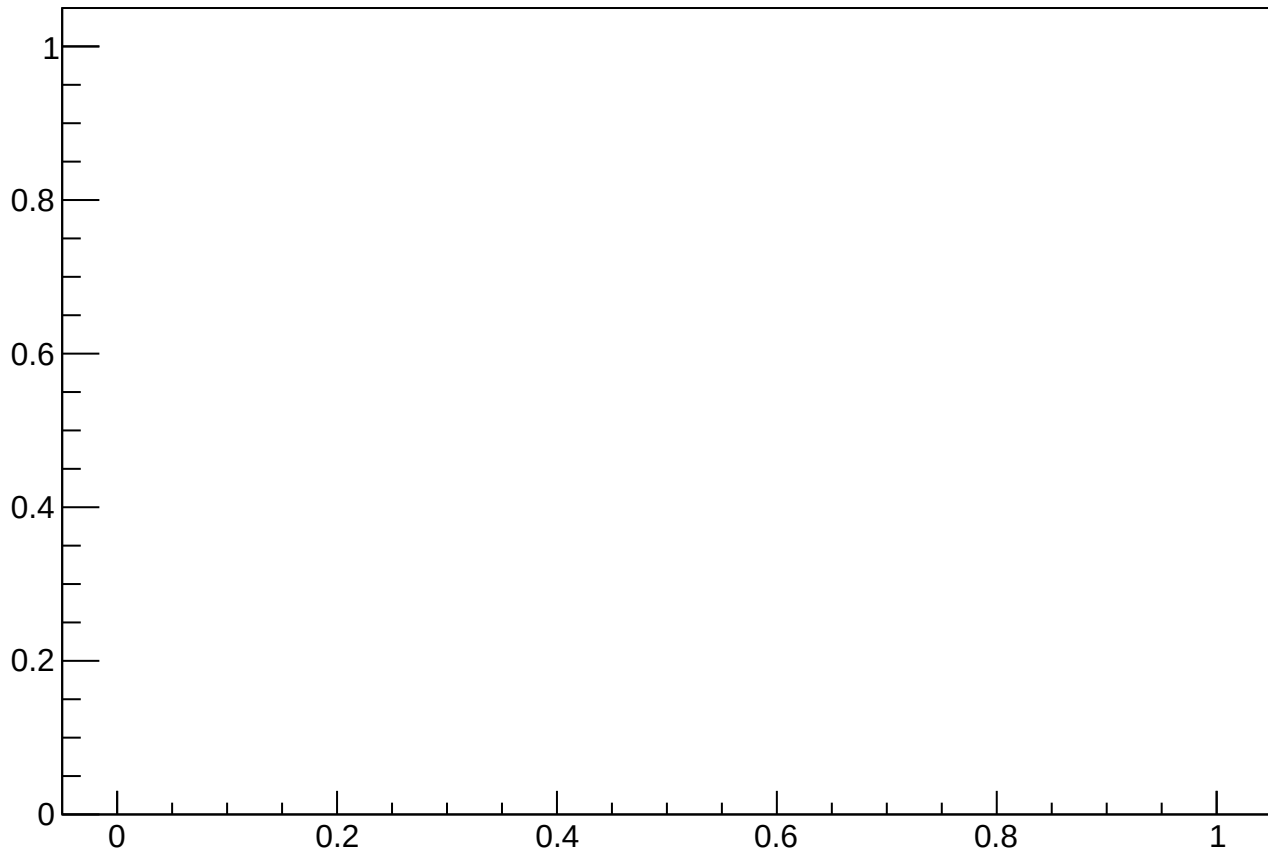
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

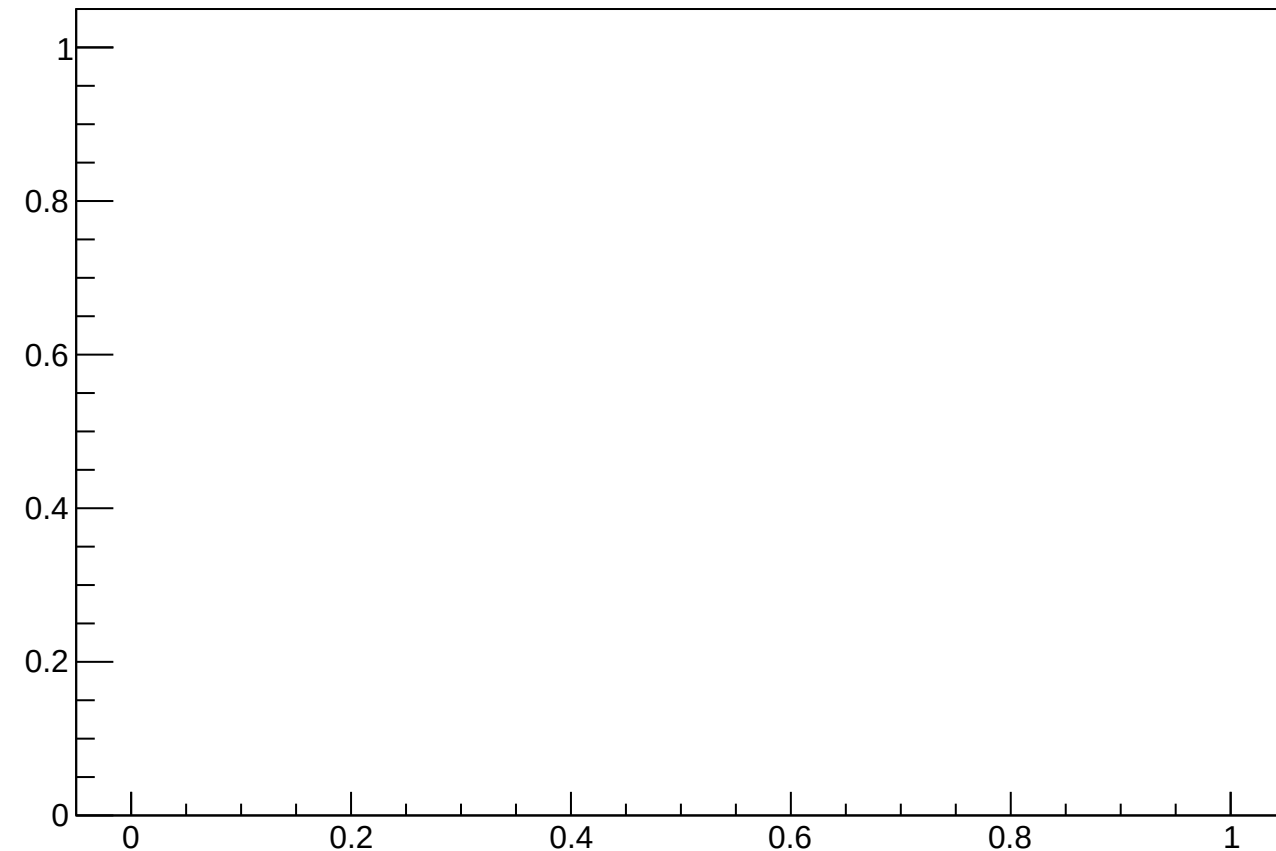
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil4_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

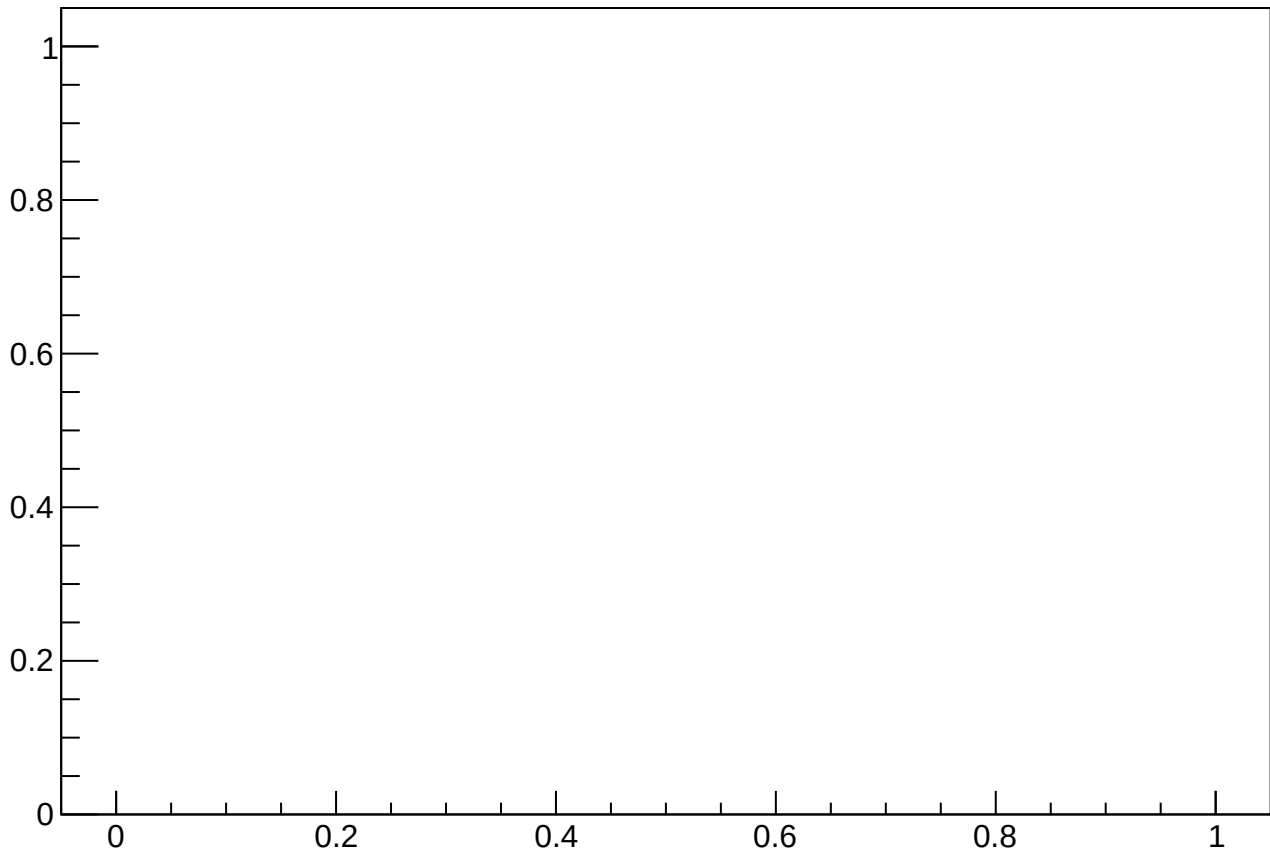
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

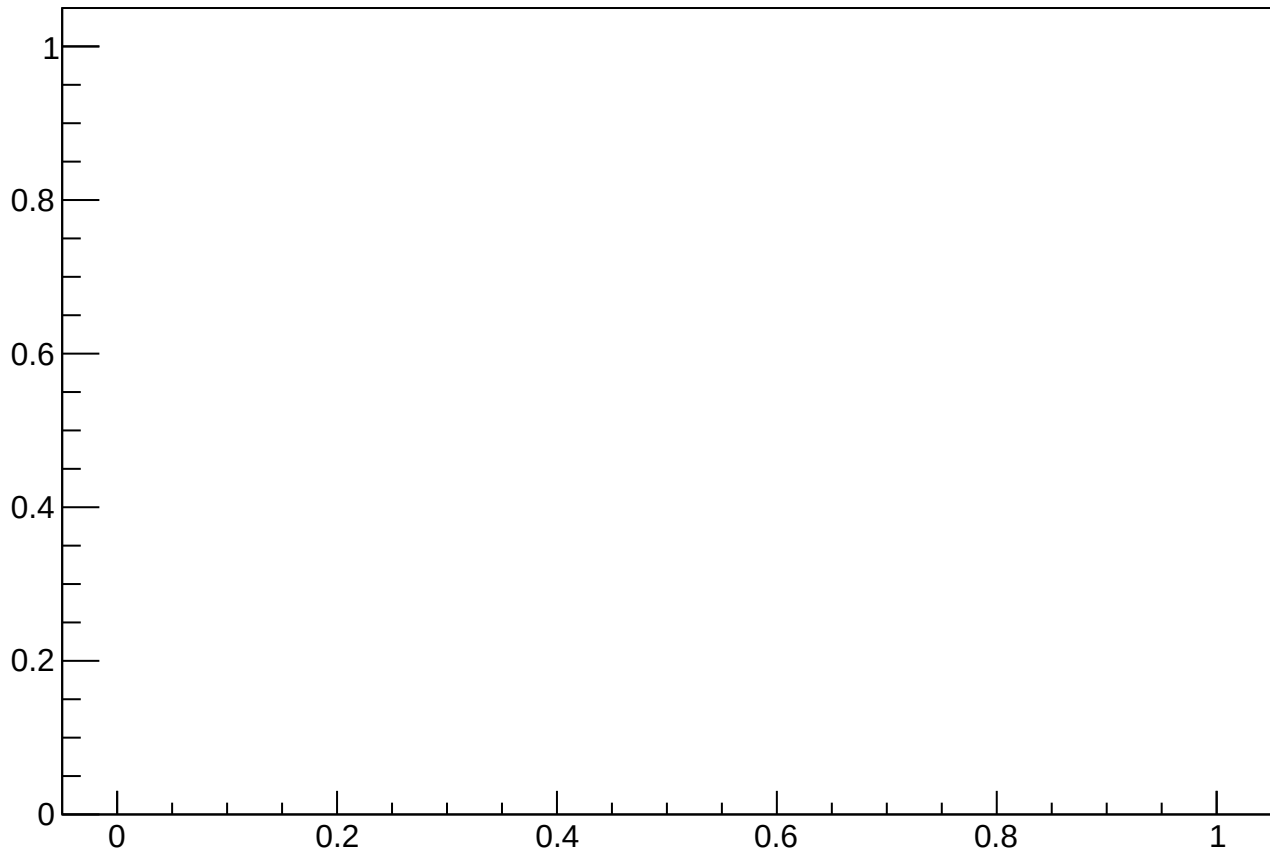
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



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

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

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

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

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

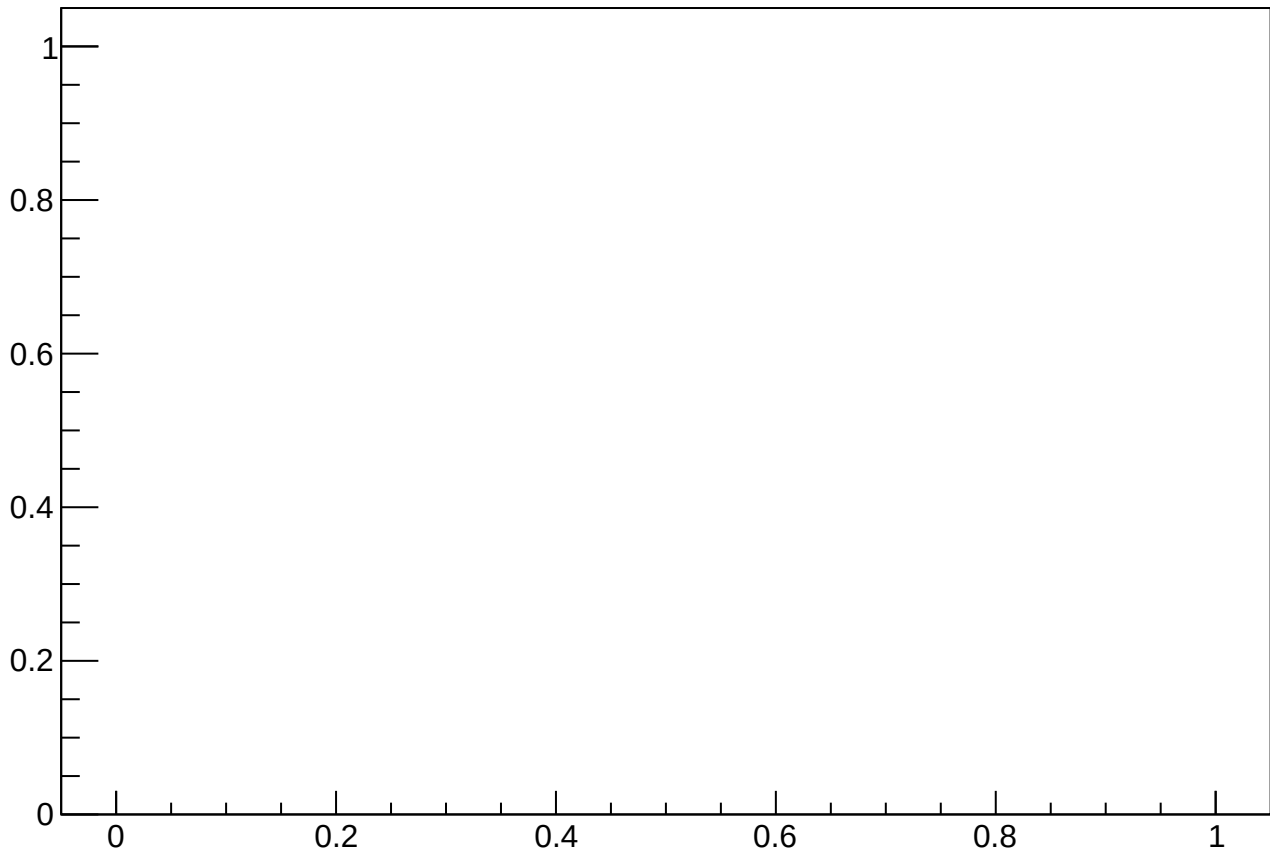
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

dit_4eX_coil6_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

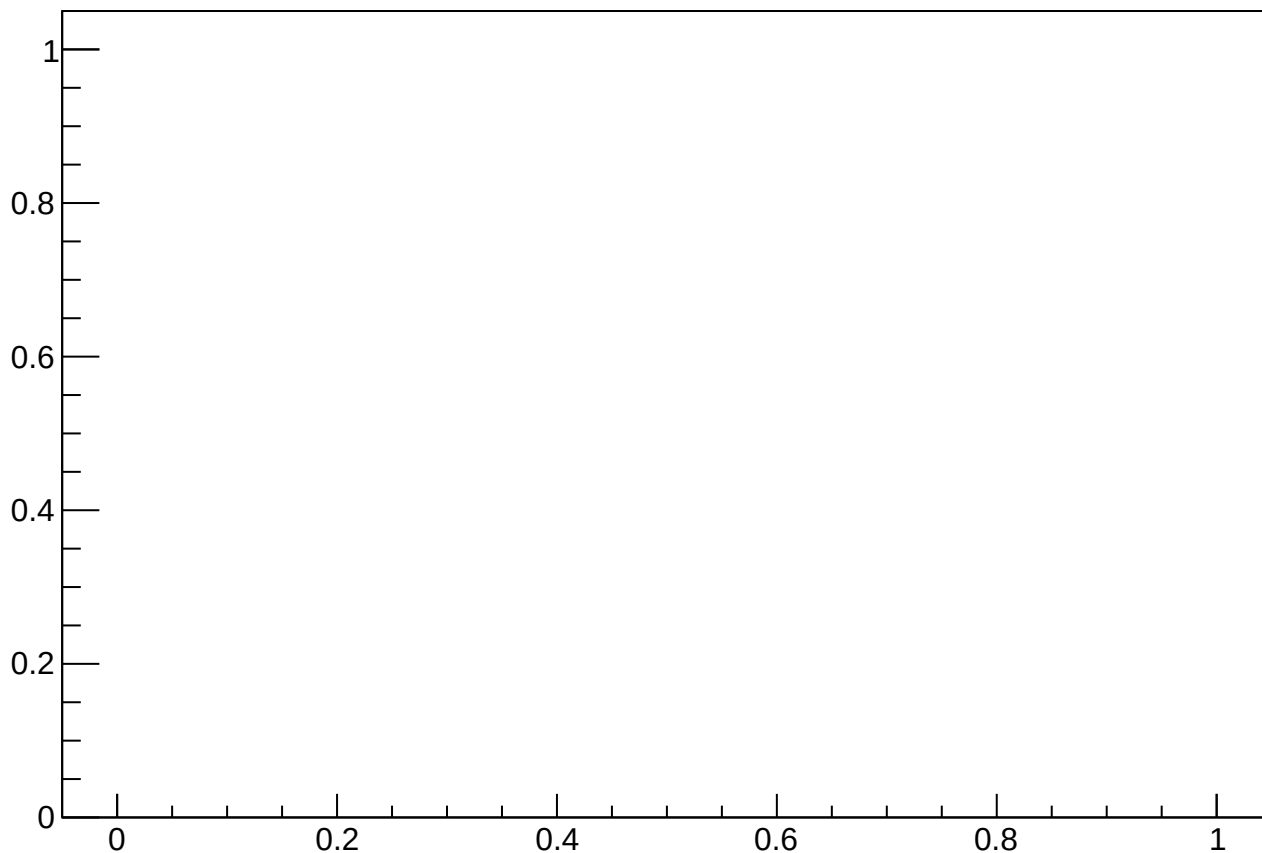
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

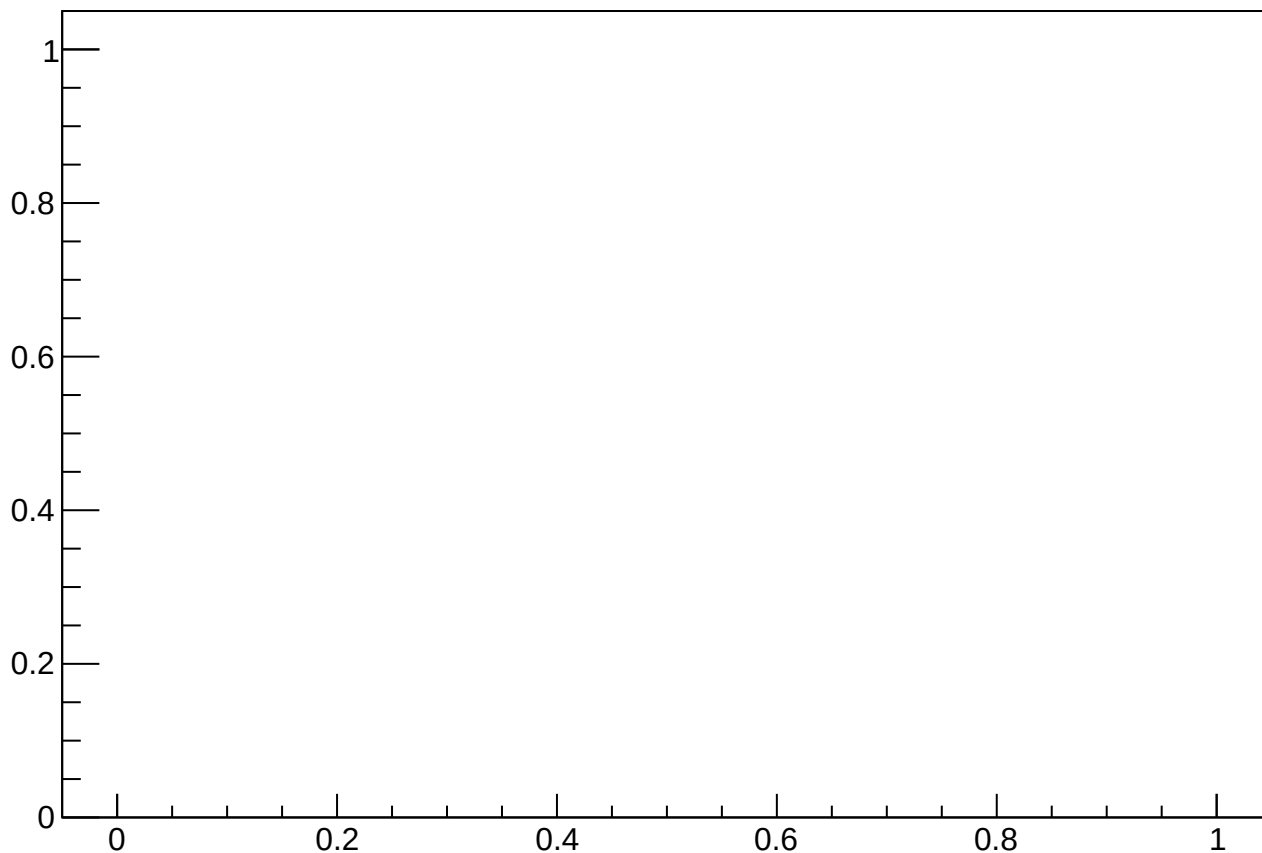
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

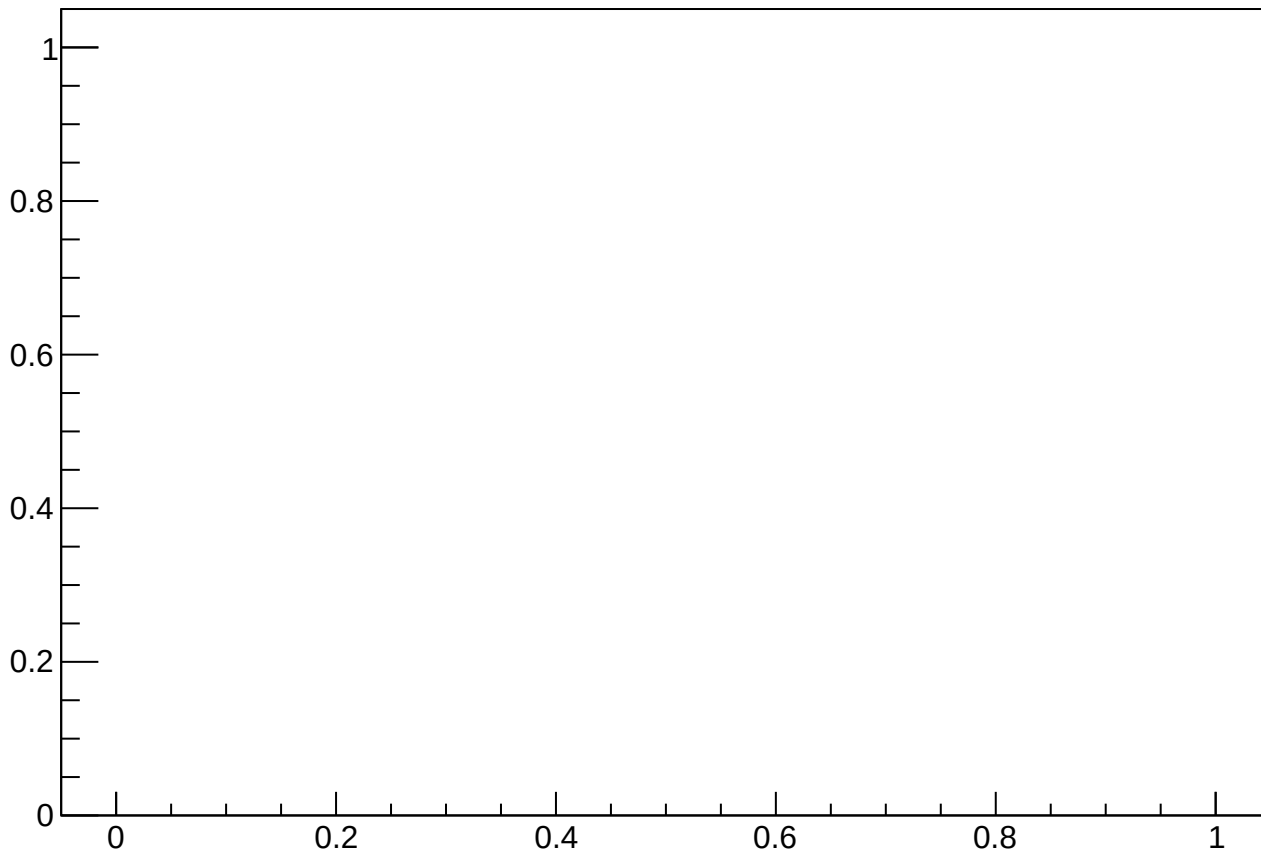
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

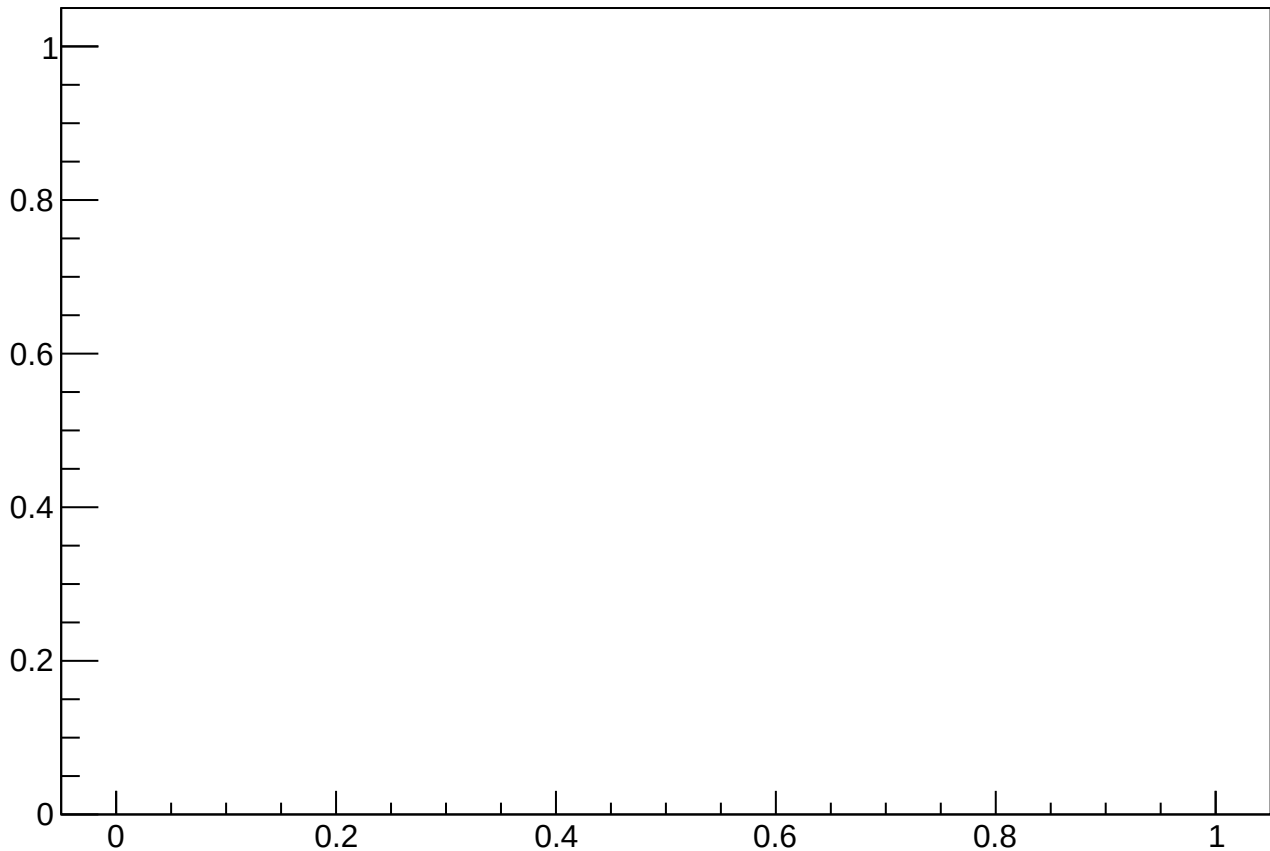
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

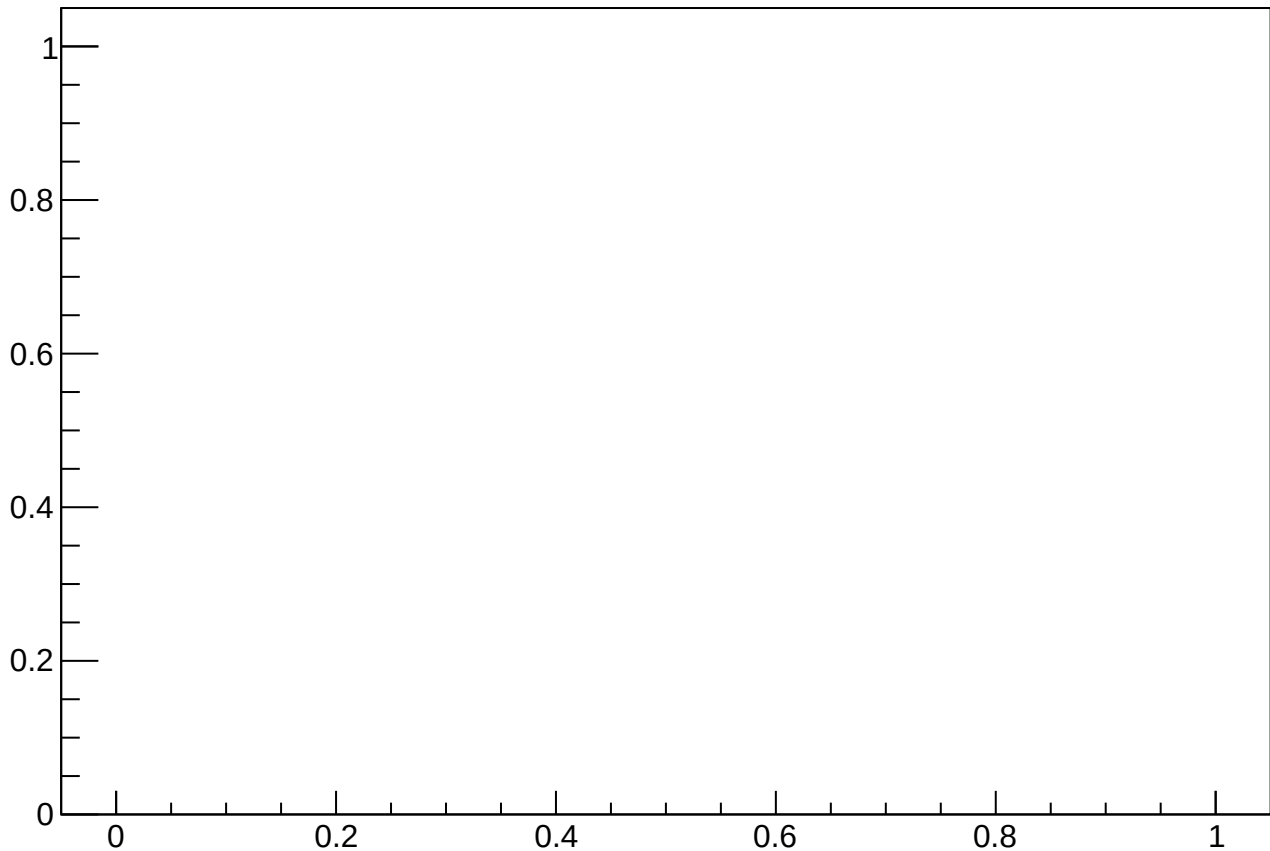
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

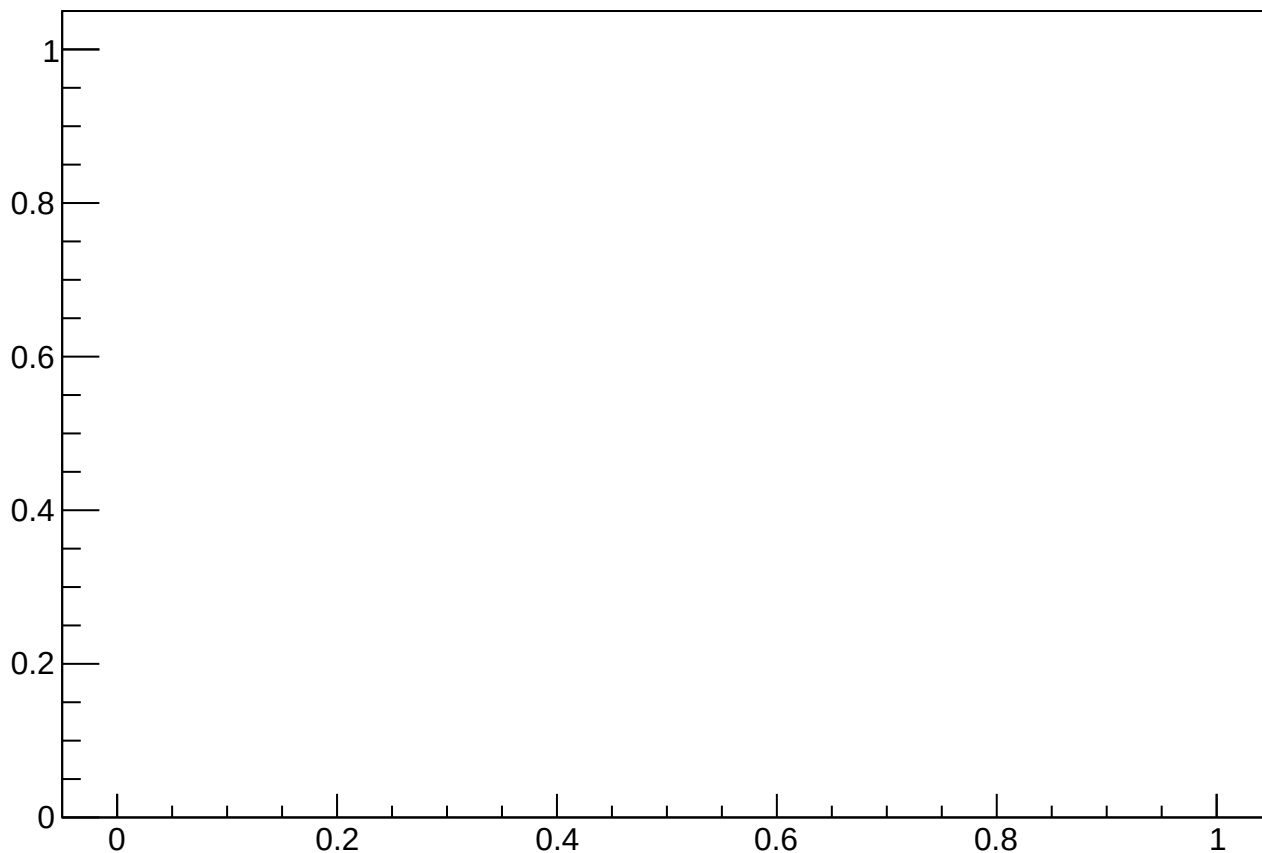
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

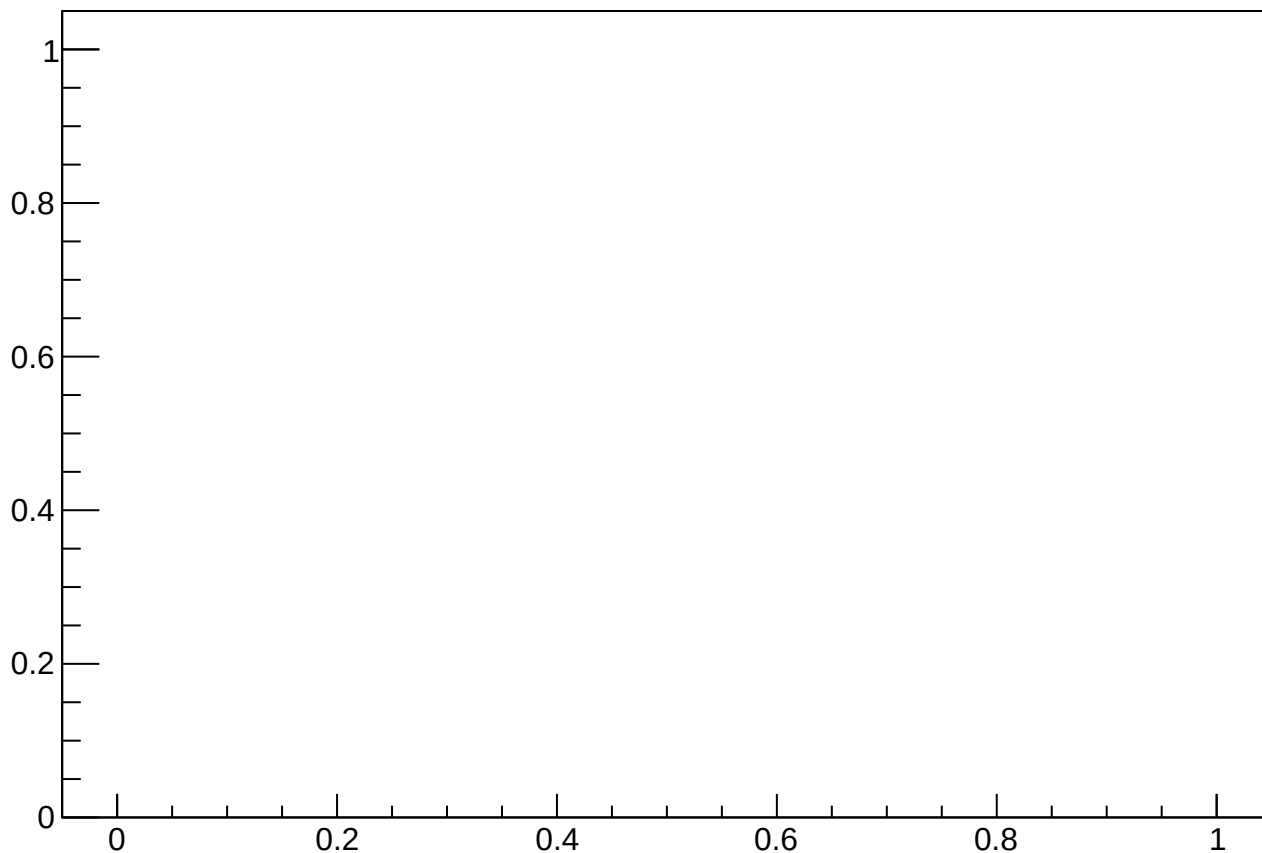
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil6_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

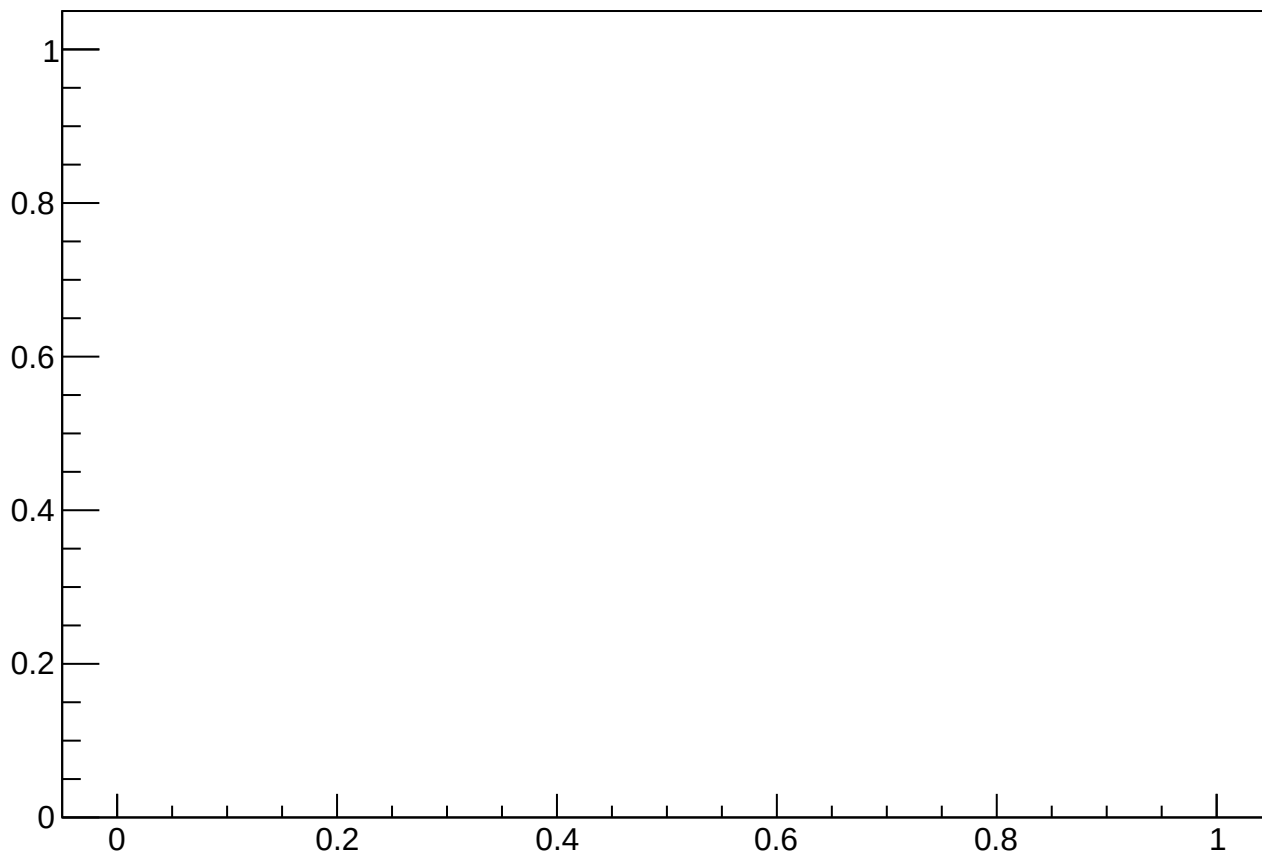
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

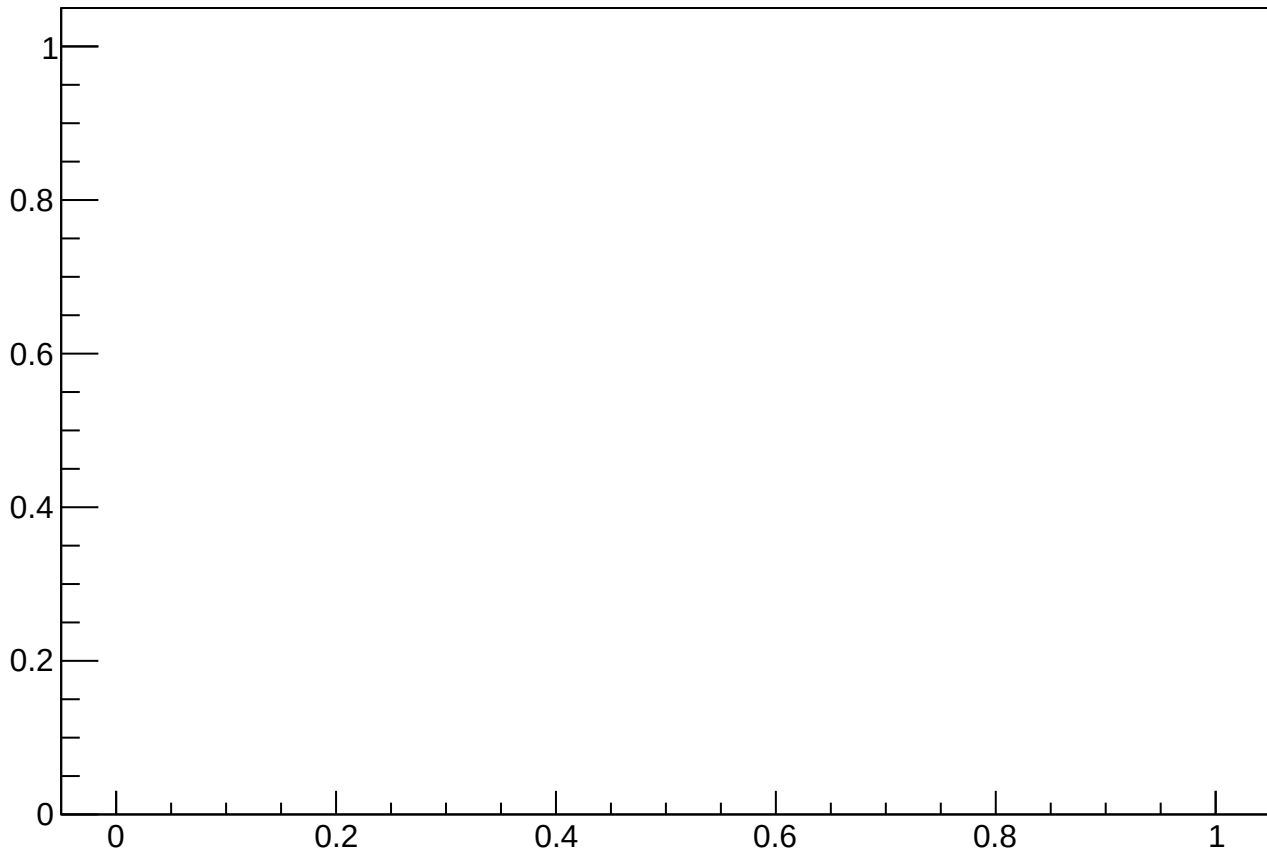
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil6_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

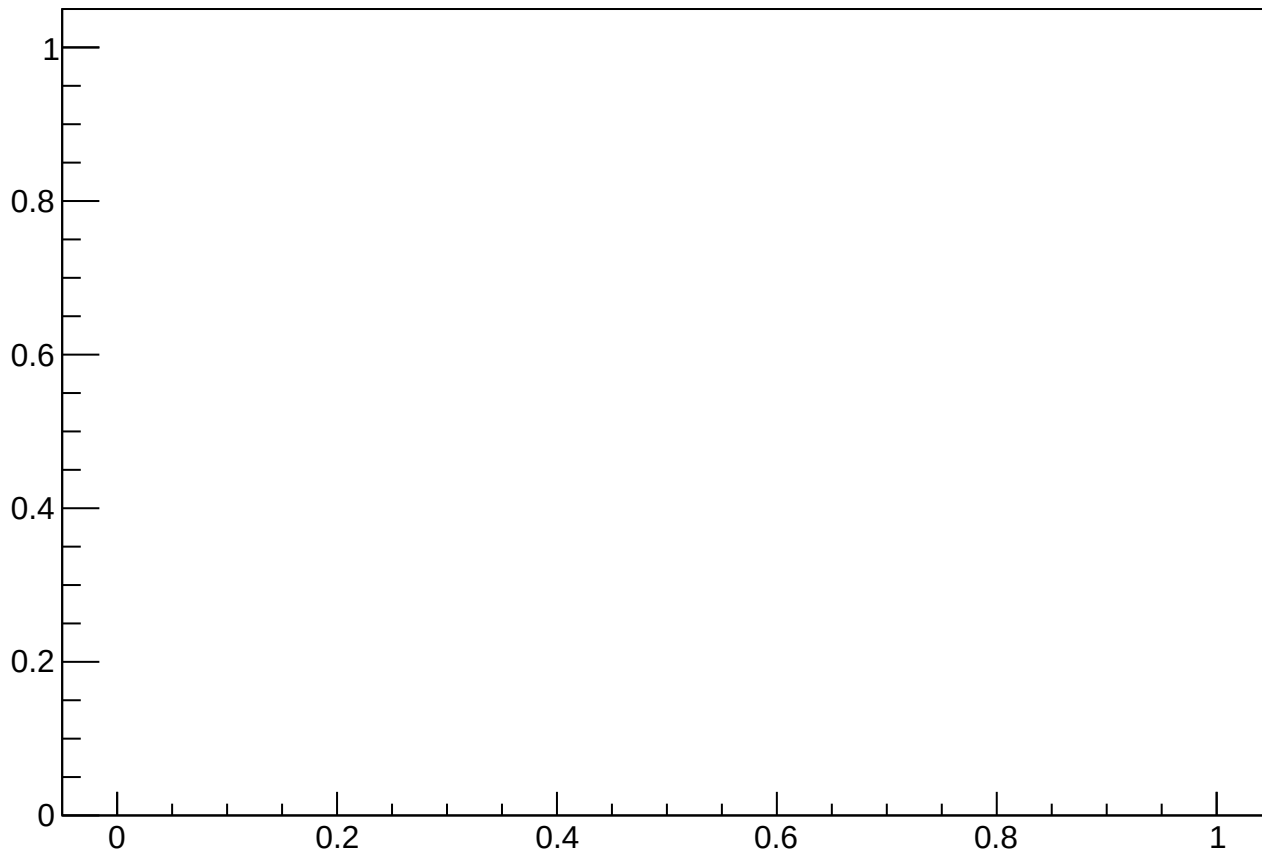
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_run_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

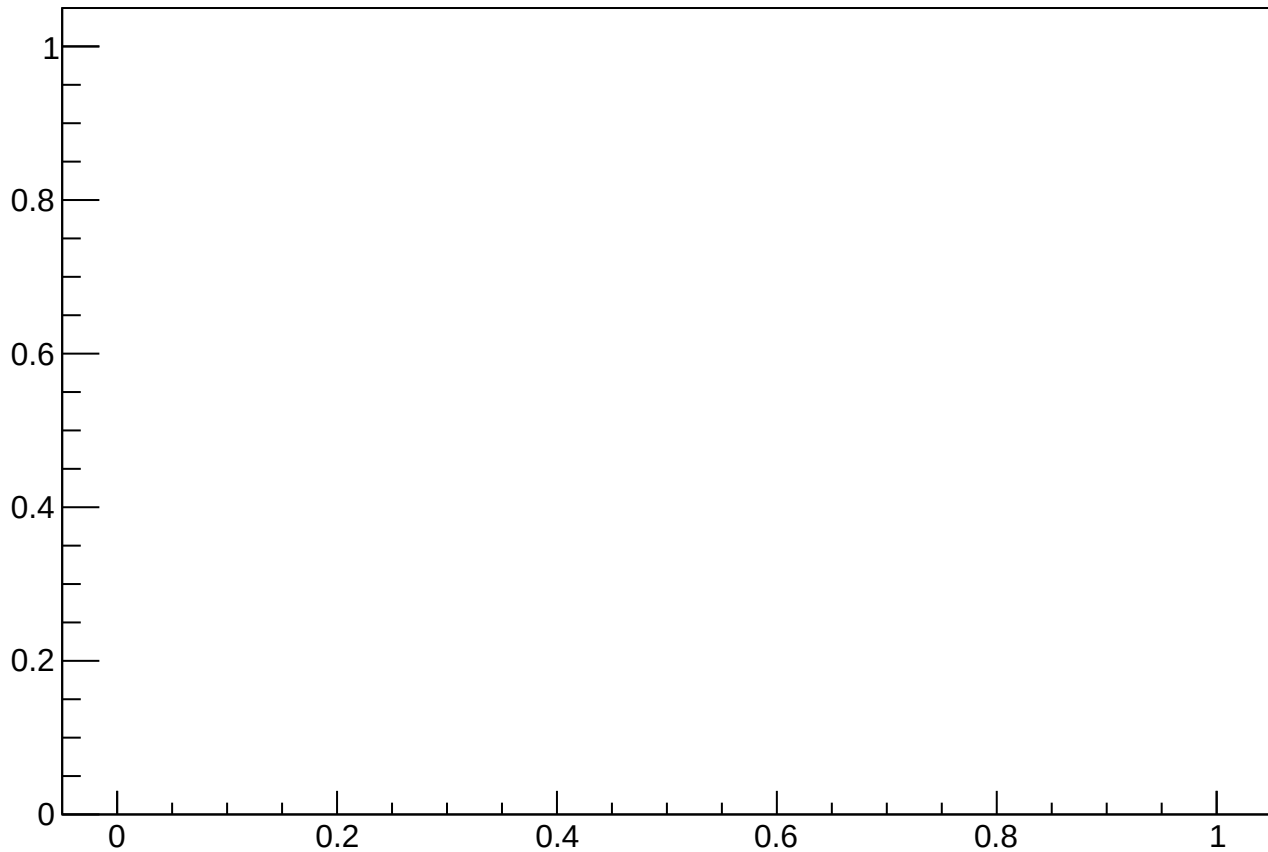
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope 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

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

dit_cyclenum_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

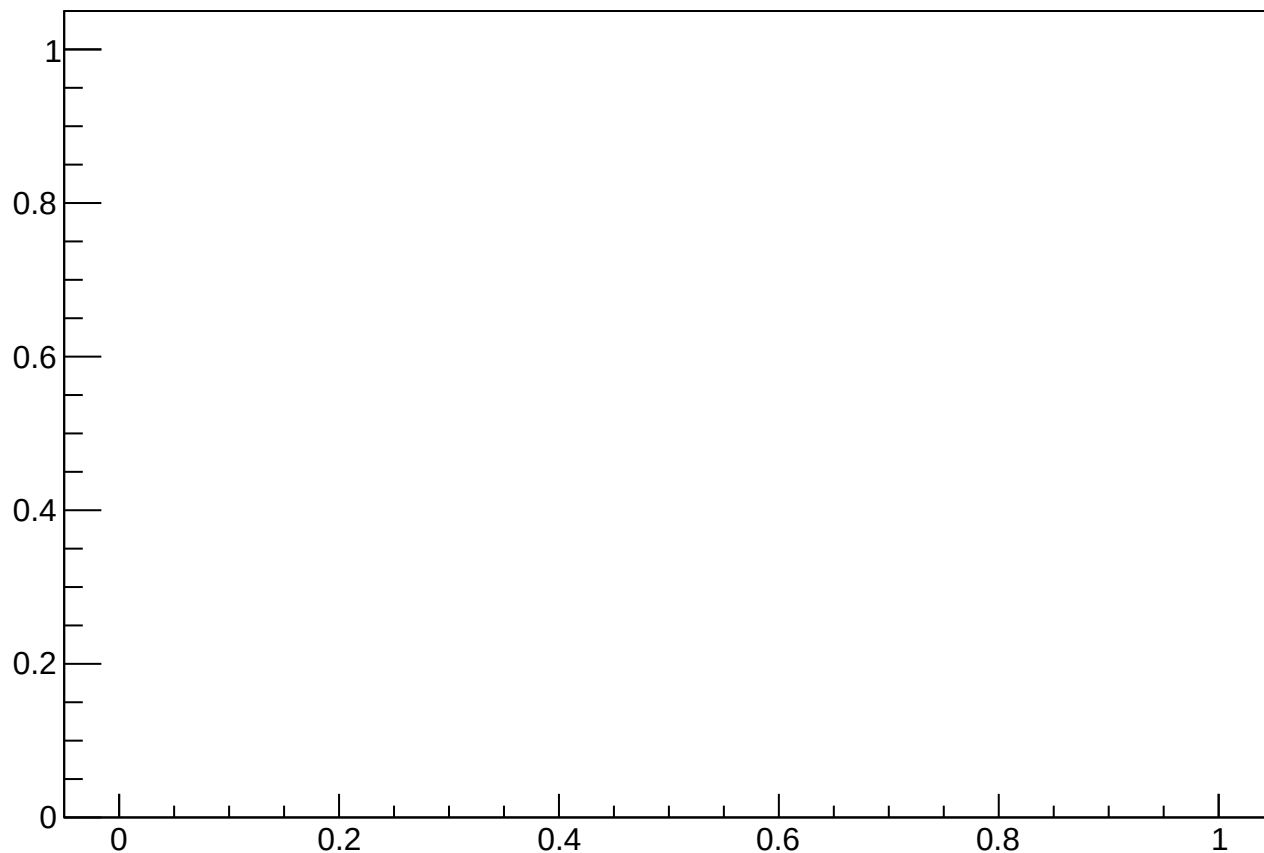
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_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

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

dit_flag_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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

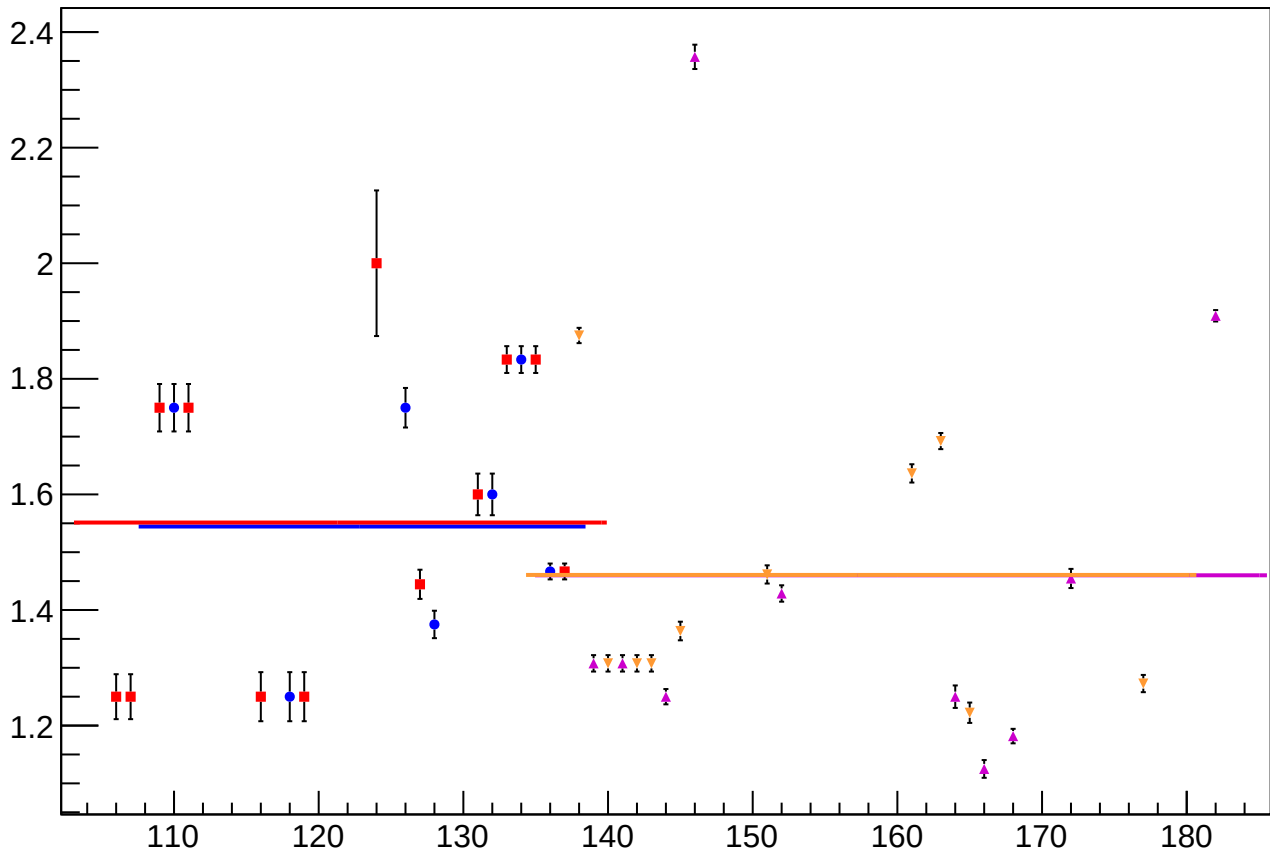
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544+/-0.009 χ^2/NDF : 349.7/6

Left Out: 1.461+/-0.005 χ^2/NDF : 2103.3/9

Right Out: 1.551+/-0.008 χ^2/NDF : 633.6/11

Left In: 1.460+/-0.004 χ^2/NDF : 5452.3/9

Left: 1.460+/-0.003 χ^2/NDF : 7555.6/19

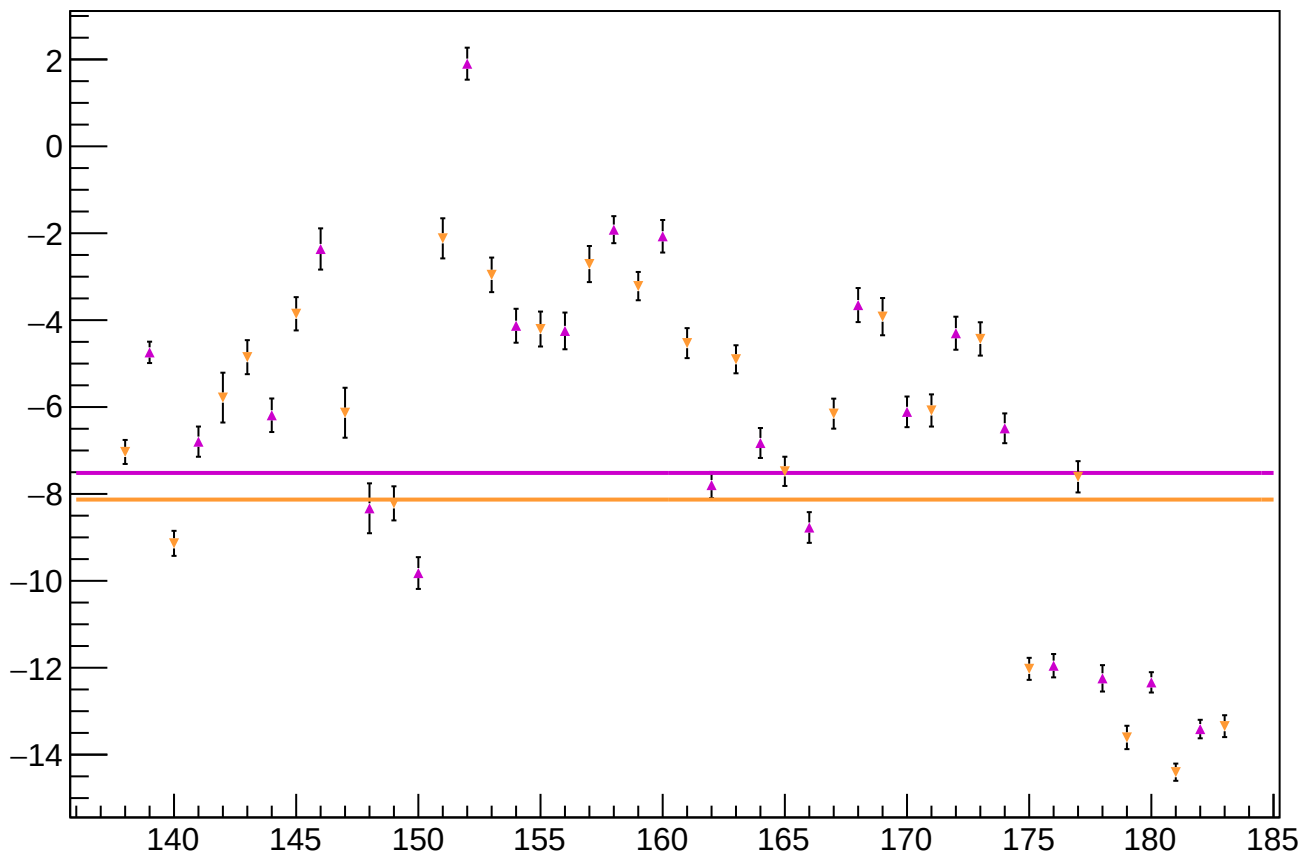
Right: 1.548+/-0.006 χ^2/NDF : 983.5/18

In: 1.476+/-0.004 χ^2/NDF : 5869.6/16

Out: 1.483+/-0.004 χ^2/NDF : 2829.6/21

All: 1.480+/-0.003 χ^2/NDF : 8700.8/38

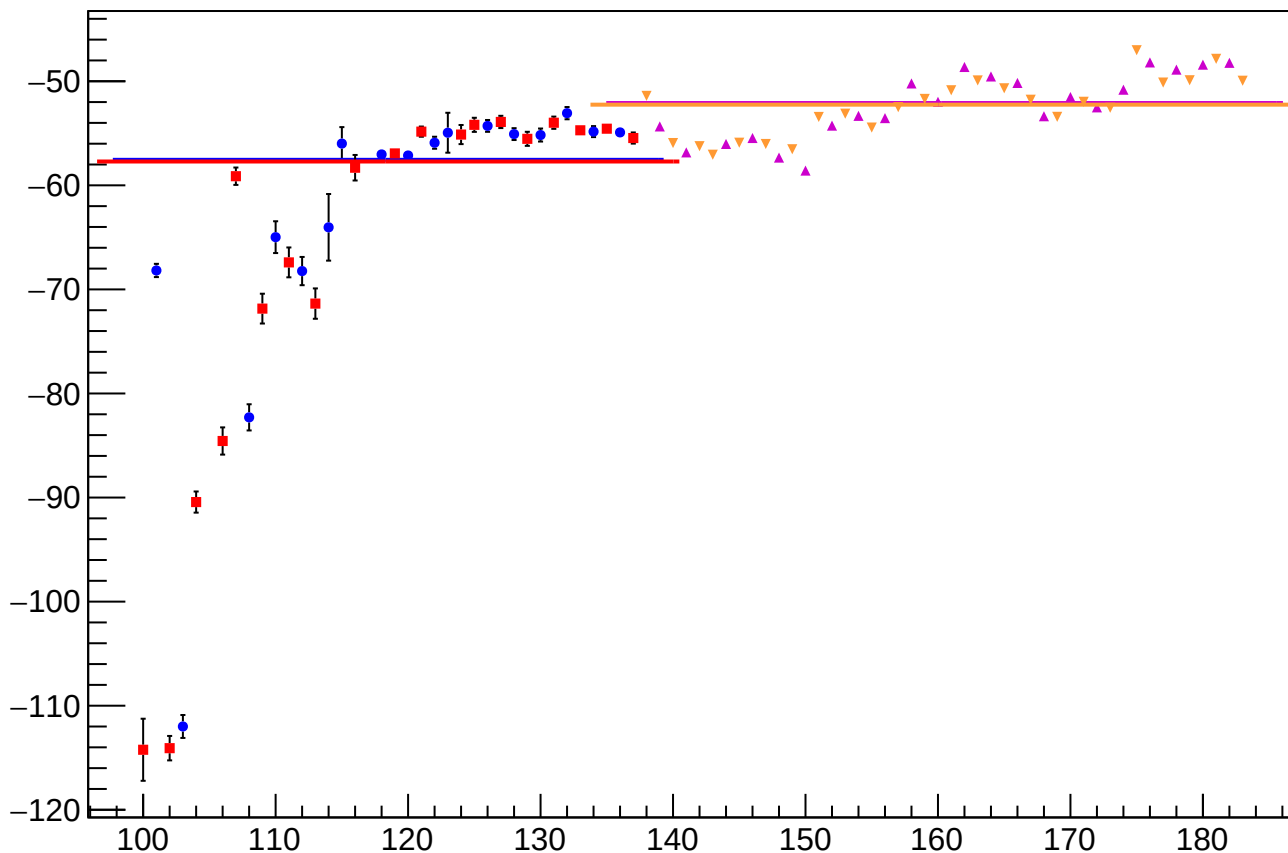
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -8.130 $\pm$ 0.068 χ^2/NDF :3634.7/23
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -7.517 $\pm$ 0.070 χ^2/NDF :3543.6/21

Left: -7.831 $\pm$ 0.049 χ^2/NDF : 7218.0/45
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -7.517 $\pm$ 0.070 χ^2/NDF :3543.6/21
 Out: -8.130 $\pm$ 0.068 χ^2/NDF :3634.7/23
 All: -7.831 $\pm$ 0.049 χ^2/NDF : 7218.0/45

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 $\pm$ 0.142 χ^2 /NDF: 3460.4/16

Left Out: -52.249 $\pm$ 0.055 χ^2 /NDF: 2603.6/23

Right Out: -57.711 $\pm$ 0.143 χ^2 /NDF: 4703.8/18

Left In: -52.092 $\pm$ 0.058 χ^2 /NDF: 3177.0/21

Left: -52.174 $\pm$ 0.040 χ^2 /NDF: 5784.4/45

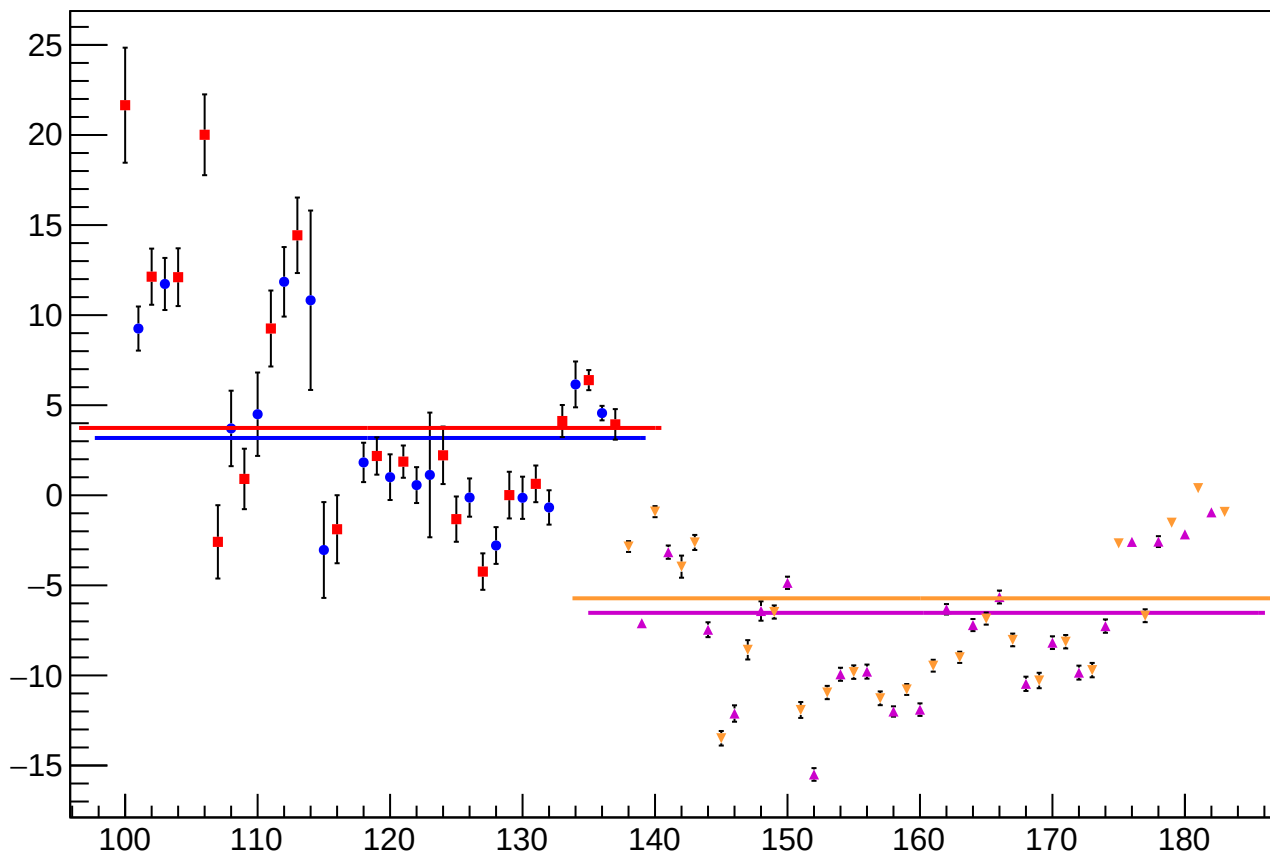
Right: -57.629 $\pm$ 0.101 χ^2 /NDF: 8164.8/35

In: -52.870 $\pm$ 0.053 χ^2 /NDF: 7911.3/38

Out: -52.965 $\pm$ 0.052 χ^2 /NDF: 8579.2/42

All: -52.919 $\pm$ 0.037 χ^2 /NDF: 16492.1/81

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 $\chi^2/\text{NDF}: 185.2/16$

Left Out: -5.719 ± 0.068 $\chi^2/\text{NDF}: 3982.2/23$

Right Out: 3.738 ± 0.267 $\chi^2/\text{NDF}: 320.9/18$

Left In: -6.526 ± 0.069 $\chi^2/\text{NDF}: 3260.5/21$

Left: -6.115 ± 0.049 $\chi^2/\text{NDF}: 7311.5/45$

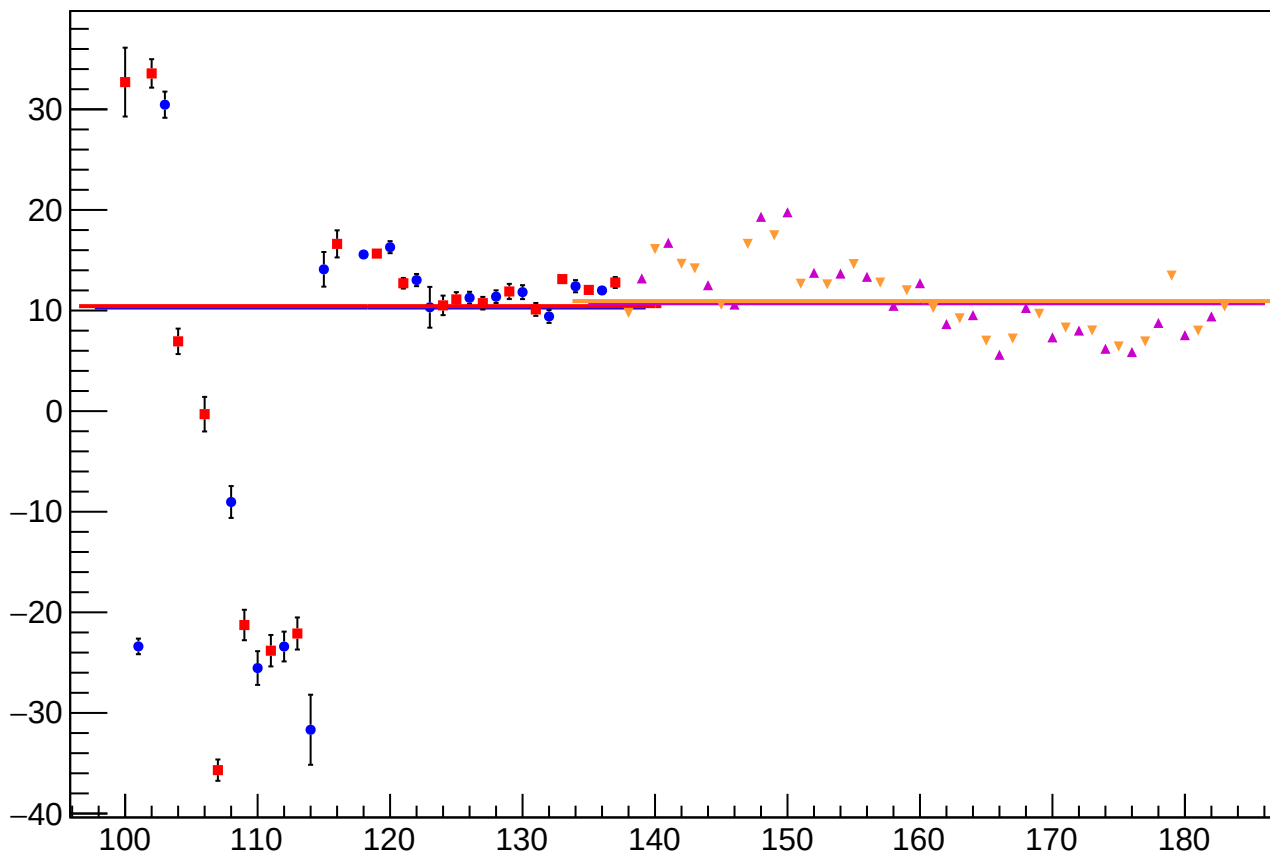
Right: 3.450 ± 0.186 $\chi^2/\text{NDF}: 508.4/35$

In: -5.870 ± 0.067 $\chi^2/\text{NDF}: 4765.7/38$

Out: -5.142 ± 0.066 $\chi^2/\text{NDF}: 5481.7/42$

All: -5.500 ± 0.047 $\chi^2/\text{NDF}: 10307.4/81$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301 $\pm$ 0.157 χ^2 /NDF: 3699.4/16

Left Out: 10.943 $\pm$ 0.062 χ^2 /NDF:2629.1/23

Right Out: 10.437 $\pm$ 0.160 χ^2 /NDF: 3828.8/18

Left In: 10.721 $\pm$ 0.064 χ^2 /NDF:3493.1/21

Left: 10.836 $\pm$ 0.044 χ^2 /NDF: 6128.4/45

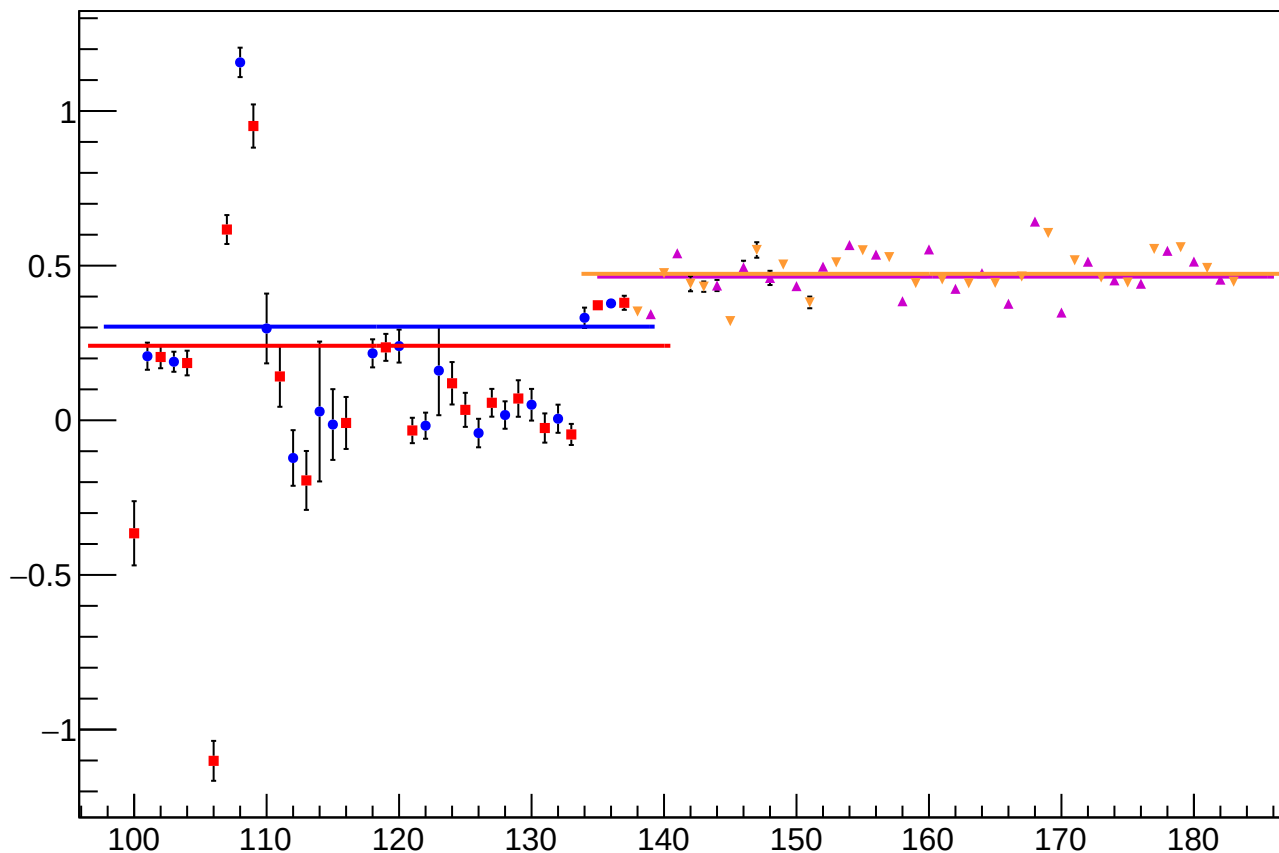
Right: 10.368 $\pm$ 0.112 χ^2 /NDF: 7528.5/35

In: 10.662 $\pm$ 0.059 χ^2 /NDF:7198.6/38

Out: 10.877 $\pm$ 0.058 χ^2 /NDF:6466.6/42

All: 10.772 $\pm$ 0.041 χ^2 /NDF: 13672.0/81

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 647.2/16

Left Out: 0.474 $\pm$ 0.003 χ^2 /NDF: 507.8/23

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 988.9/18

Left In: 0.465 $\pm$ 0.003 χ^2 /NDF: 744.0/21

Left: 0.469 $\pm$ 0.002 χ^2 /NDF: 1257.0/45

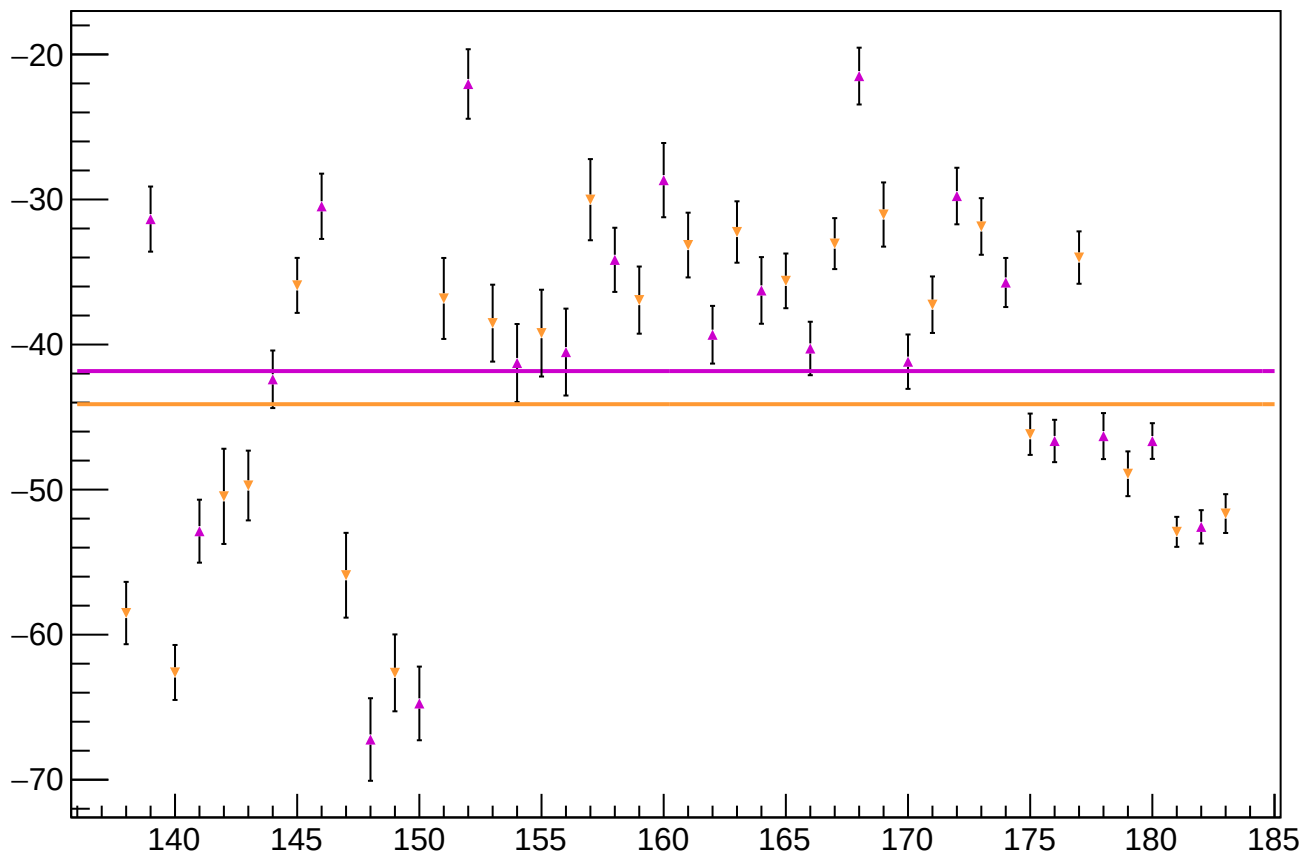
Right: 0.273 $\pm$ 0.006 χ^2 /NDF: 1663.5/35

In: 0.448 $\pm$ 0.003 χ^2 /NDF: 1739.5/38

Out: 0.451 $\pm$ 0.003 χ^2 /NDF: 2174.6/42

All: 0.449 $\pm$ 0.002 χ^2 /NDF: 3914.9/81

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -44.112+/-0.393 χ^2/NDF :631.7/23

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

Left In: -41.830+/-0.405 χ^2/NDF :629.9/21

Left: -43.005+/-0.282 χ^2/NDF : 1278.0/45

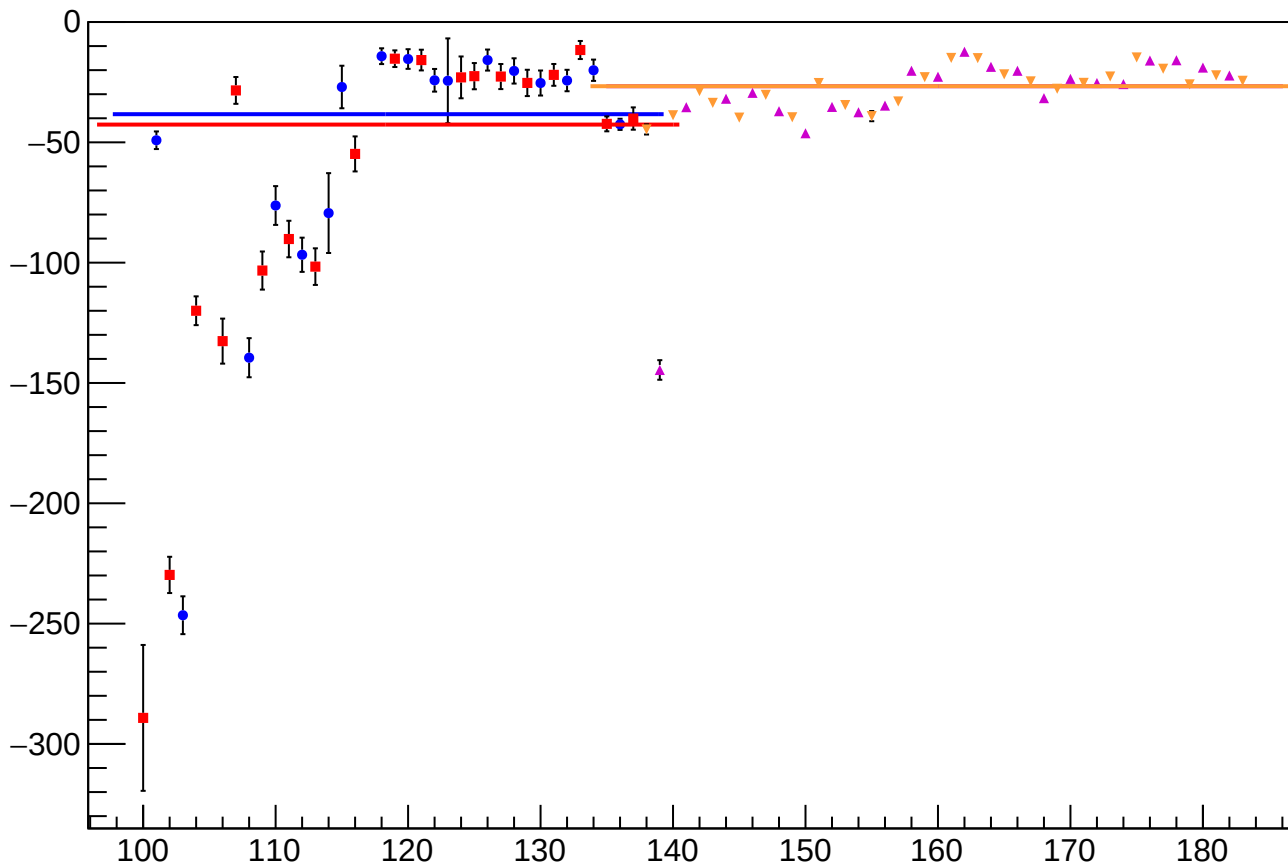
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.830+/-0.405 χ^2/NDF :629.9/21

Out: -44.112+/-0.393 χ^2/NDF :631.7/23

All: -43.005+/-0.282 χ^2/NDF : 1278.0/45

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 $\chi^2/\text{NDF}: 1132.8/16$

Left Out: -26.678 ± 0.319 $\chi^2/\text{NDF}: 606.5/23$

Right Out: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

Left In: -26.678 ± 0.330 $\chi^2/\text{NDF}: 1473.7/21$

Left: -26.678 ± 0.229 $\chi^2/\text{NDF}: 2080.2/45$

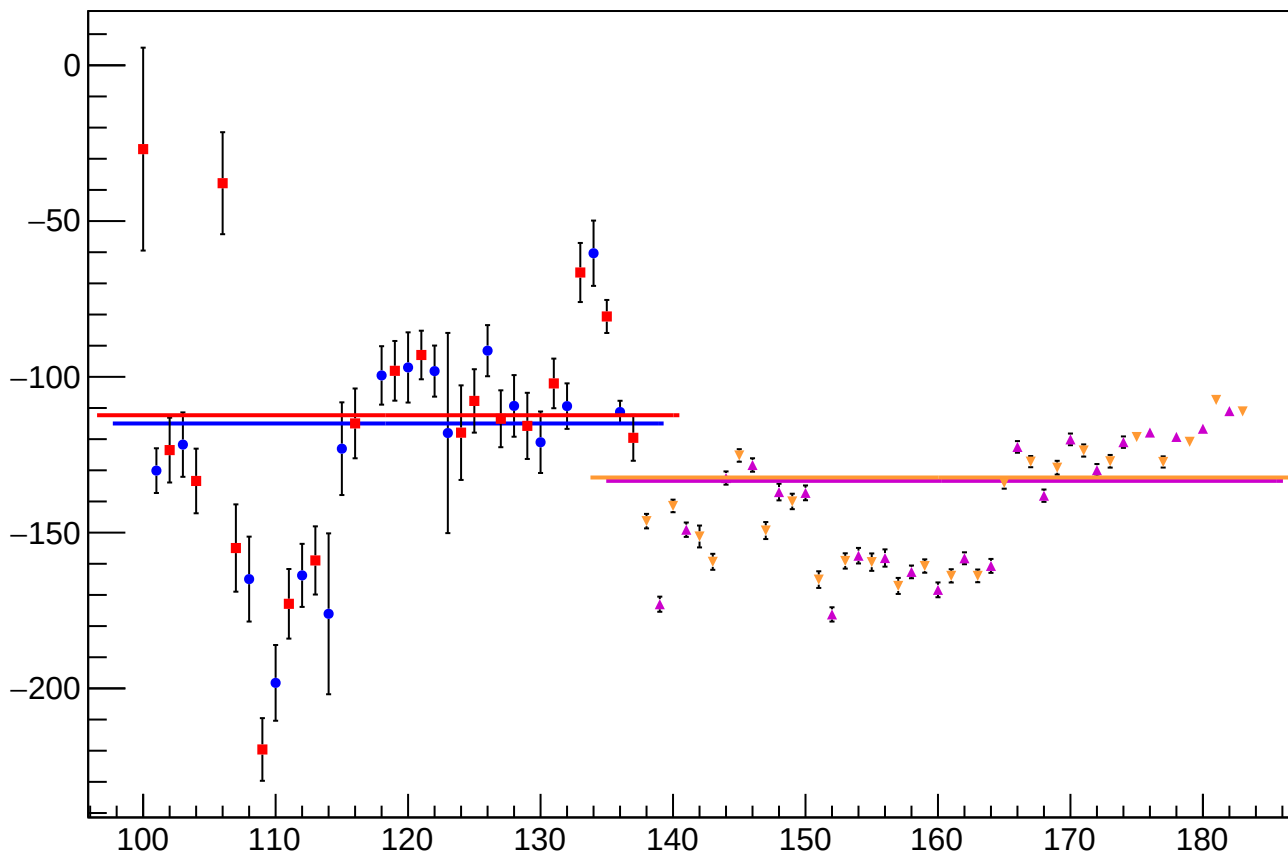
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -27.578 ± 0.317 $\chi^2/\text{NDF}: 2702.7/38$

Out: -27.719 ± 0.309 $\chi^2/\text{NDF}: 2113.6/42$

All: -27.650 ± 0.221 $\chi^2/\text{NDF}: 4816.4/81$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 ± 2.075 $\chi^2/\text{NDF}: 141.4/16$

Left Out: -132.308 ± 0.396 $\chi^2/\text{NDF}: 2392.0/23$

Right Out: -112.320 ± 2.205 $\chi^2/\text{NDF}: 274.0/18$

Left In: -133.383 ± 0.405 $\chi^2/\text{NDF}: 2453.9/21$

Left: -132.833 ± 0.283 $\chi^2/\text{NDF}: 4849.5/45$

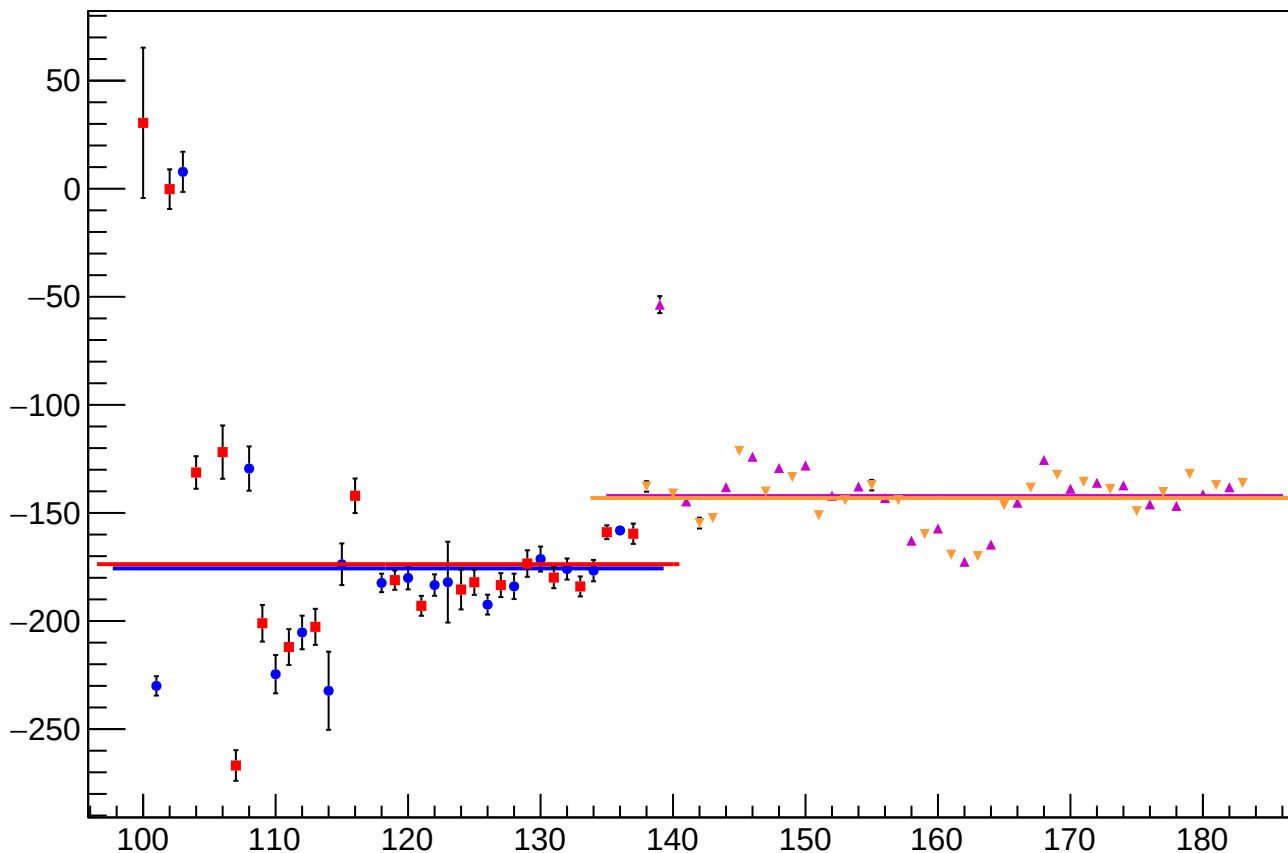
Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$

In: -132.707 ± 0.397 $\chi^2/\text{NDF}: 2671.2/38$

Out: -131.684 ± 0.389 $\chi^2/\text{NDF}: 2745.6/42$

All: -132.186 ± 0.278 $\chi^2/\text{NDF}: 5420.2/81$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -143.095 ± 0.358 χ^2/NDF : 1043.7/23

Right Out: -173.714 ± 1.354 χ^2/NDF : 738.0/18

Left In: -142.210 ± 0.368 χ^2/NDF : 1551.4/21

Left: -142.665 ± 0.256 χ^2/NDF : 2598.1/45

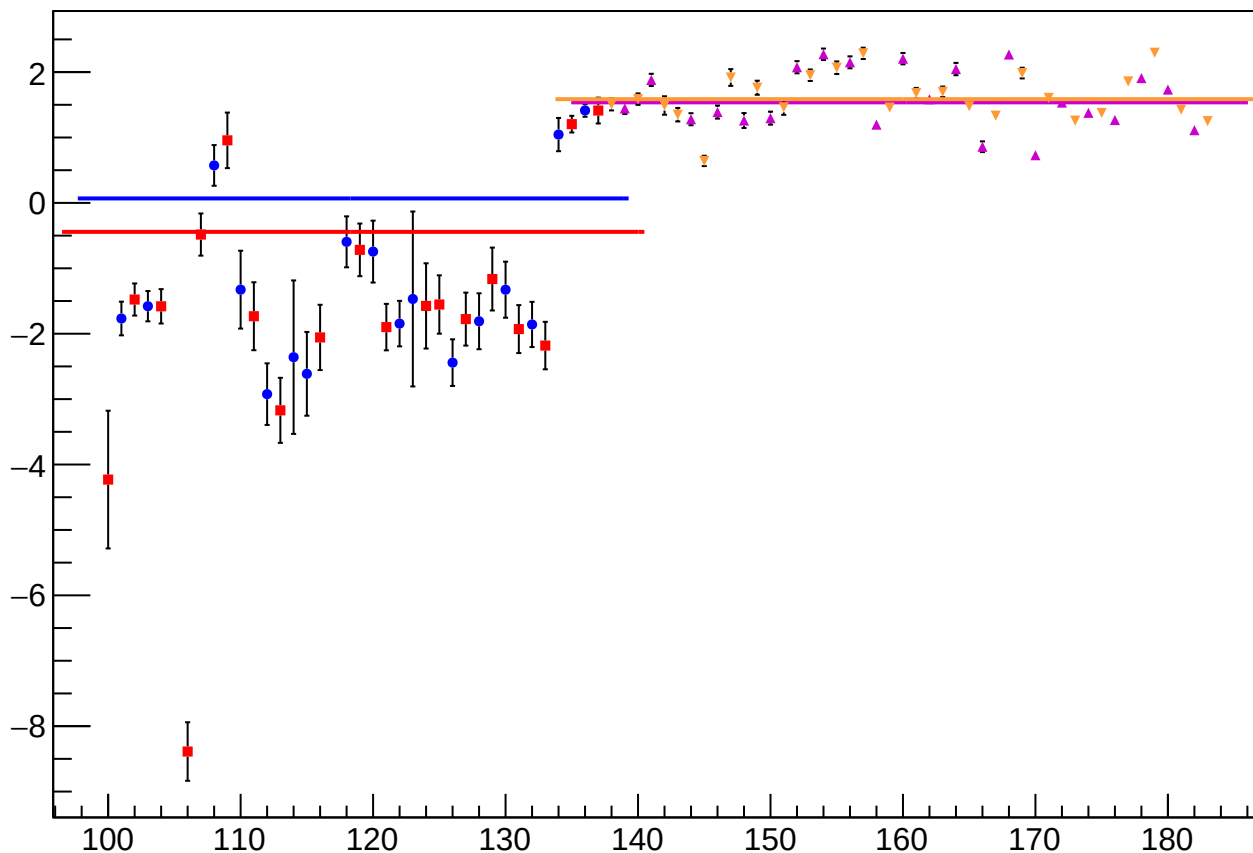
Right: -174.745 ± 0.926 χ^2/NDF : 1431.2/35

In: -144.800 ± 0.353 χ^2/NDF : 2884.0/38

Out: -145.093 ± 0.346 χ^2/NDF : 2259.6/42

All: -144.950 ± 0.247 χ^2/NDF : 5144.0/81

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 $\chi^2/\text{NDF}: 525.9/16$

Left Out: 1.586 ± 0.016 $\chi^2/\text{NDF}: 493.5/23$

Right Out: -0.443 ± 0.071 $\chi^2/\text{NDF}: 755.9/18$

Left In: 1.537 ± 0.017 $\chi^2/\text{NDF}: 710.6/21$

Left: 1.562 ± 0.012 $\chi^2/\text{NDF}: 1208.4/45$

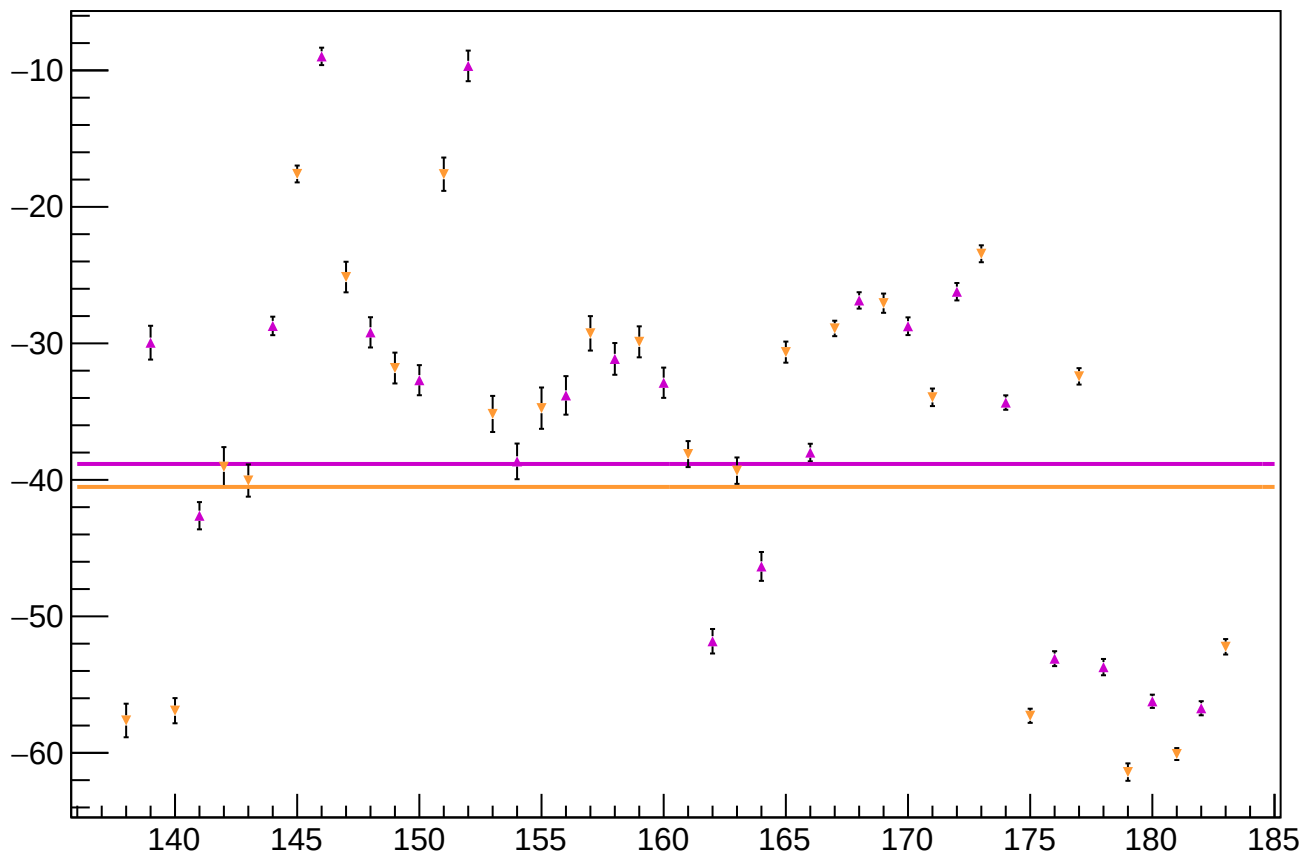
Right: -0.172 ± 0.049 $\chi^2/\text{NDF}: 1309.1/35$

In: 1.452 ± 0.016 $\chi^2/\text{NDF}: 1689.0/38$

Out: 1.483 ± 0.016 $\chi^2/\text{NDF}: 2022.6/42$

All: 1.468 ± 0.011 $\chi^2/\text{NDF}: 3713.5/81$

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -40.517+/-0.155 χ^2/NDF : 9233.4/23

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

Left In: -38.834+/-0.156 χ^2/NDF : 8487.8/21

Left: -39.679+/-0.110 χ^2/NDF : 17779.8/45

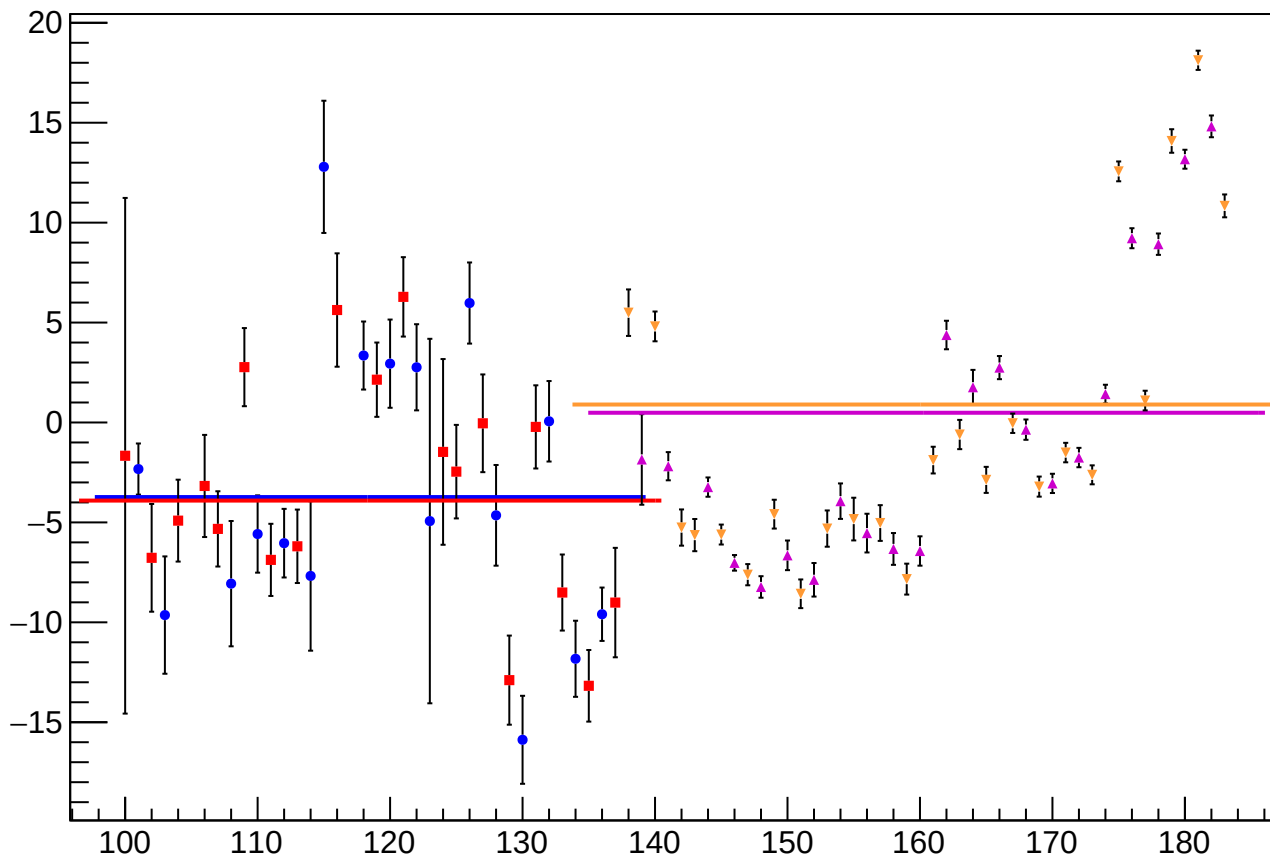
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.834+/-0.156 χ^2/NDF : 8487.8/21

Out: -40.517+/-0.155 χ^2/NDF : 9233.4/23

All: -39.679+/-0.110 χ^2/NDF : 17779.8/45

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: 0.899 ± 0.125 χ^2/NDF : 3904.1/23

Right Out: -3.908 ± 0.507 χ^2/NDF : 124.8/18

Left In: 0.487 ± 0.125 χ^2/NDF : 3215.9/21

Left: 0.692 ± 0.089 χ^2/NDF : 7125.4/45

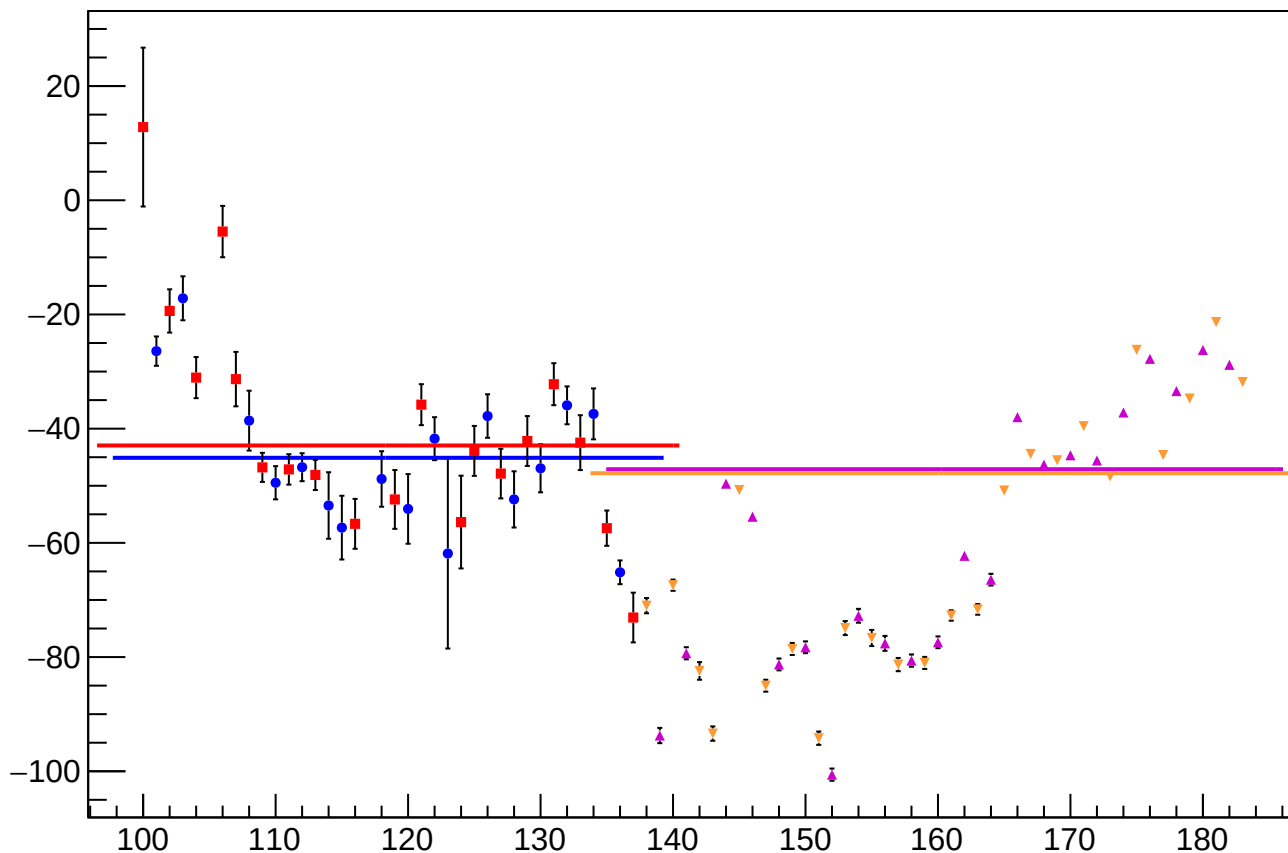
Right: -3.818 ± 0.354 χ^2/NDF : 290.7/35

In: 0.235 ± 0.121 χ^2/NDF : 3449.8/38

Out: 0.621 ± 0.122 χ^2/NDF : 4113.7/42

All: 0.427 ± 0.086 χ^2/NDF : 7568.6/81

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -47.806 ± 0.156 χ^2/NDF : 16887.5/23

Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -47.100 ± 0.156 χ^2/NDF : 15654.5/21

Left: -47.453 ± 0.111 χ^2/NDF : 32552.2/45

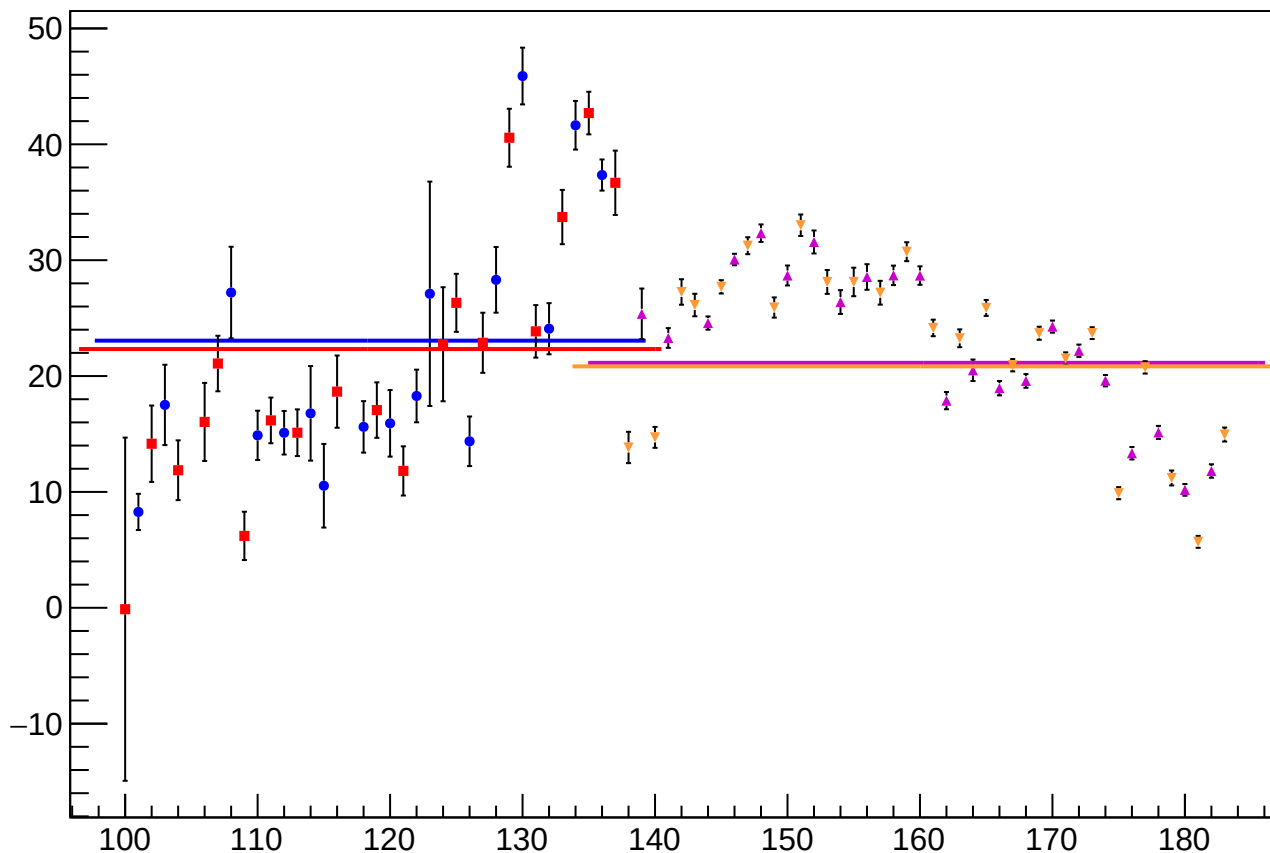
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -47.039 ± 0.154 χ^2/NDF : 15890.0/38

Out: -47.656 ± 0.154 χ^2/NDF : 17166.3/42

All: -47.348 ± 0.109 χ^2/NDF : 33064.4/81

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 20.834 $\pm$ 0.140 χ^2 /NDF:2723.4/23

Right Out: 22.331 $\pm$ 0.572 χ^2 /NDF: 371.1/18

Left In: 21.140 $\pm$ 0.140 χ^2 /NDF:2161.7/21

Left: 20.987 $\pm$ 0.099 χ^2 /NDF: 4887.4/45

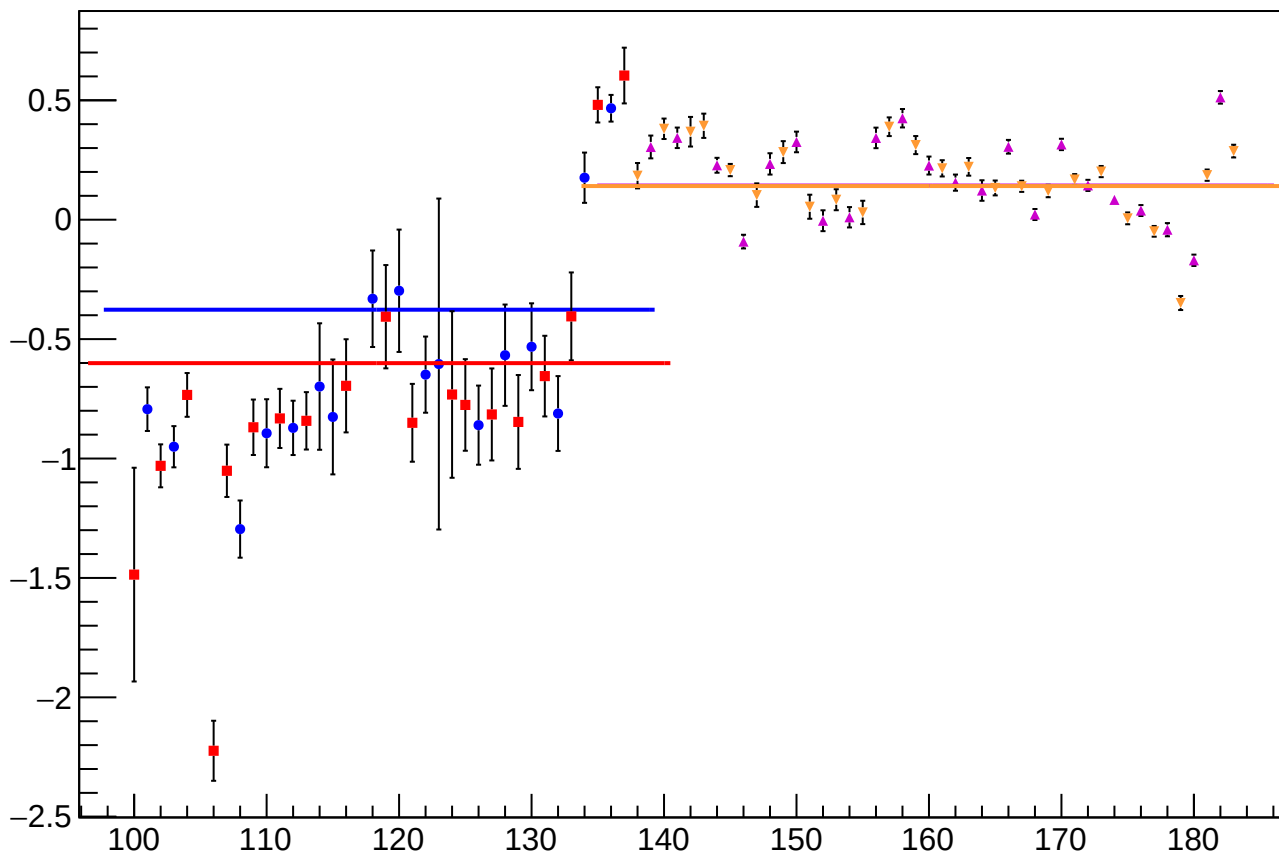
Right: 22.703 $\pm$ 0.399 χ^2 /NDF: 833.0/35

In: 21.255 $\pm$ 0.136 χ^2 /NDF:2633.9/38

Out: 20.919 $\pm$ 0.136 χ^2 /NDF:3100.9/42

All: 21.087 $\pm$ 0.096 χ^2 /NDF: 5737.8/81

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.4/16$

Left Out: 0.141 ± 0.006 $\chi^2/\text{NDF}: 587.8/23$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.2/18$

Left In: 0.143 ± 0.006 $\chi^2/\text{NDF}: 785.8/21$

Left: 0.142 ± 0.005 $\chi^2/\text{NDF}: 1373.7/45$

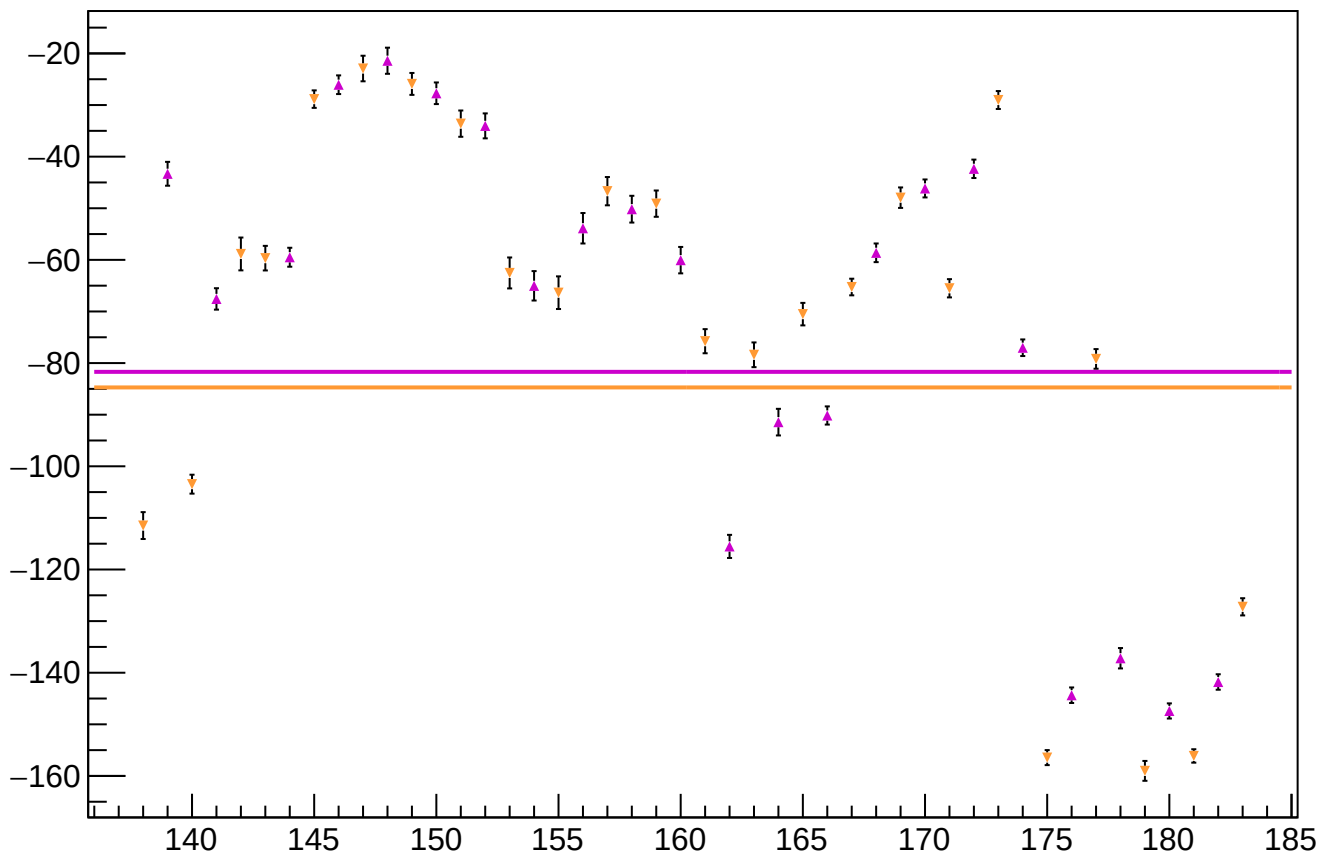
Right: -0.488 ± 0.021 $\chi^2/\text{NDF}: 1020.2/35$

In: 0.120 ± 0.006 $\chi^2/\text{NDF}: 1508.4/38$

Out: 0.109 ± 0.006 $\chi^2/\text{NDF}: 1720.7/42$

All: 0.115 ± 0.004 $\chi^2/\text{NDF}: 3230.8/81$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -84.719+/-0.410 χ^2/NDF :13036.2/23

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

Left In: -81.699+/-0.418 χ^2/NDF :10849.3/21

Left: -83.236+/-0.293 χ^2/NDF : 23912.1/45

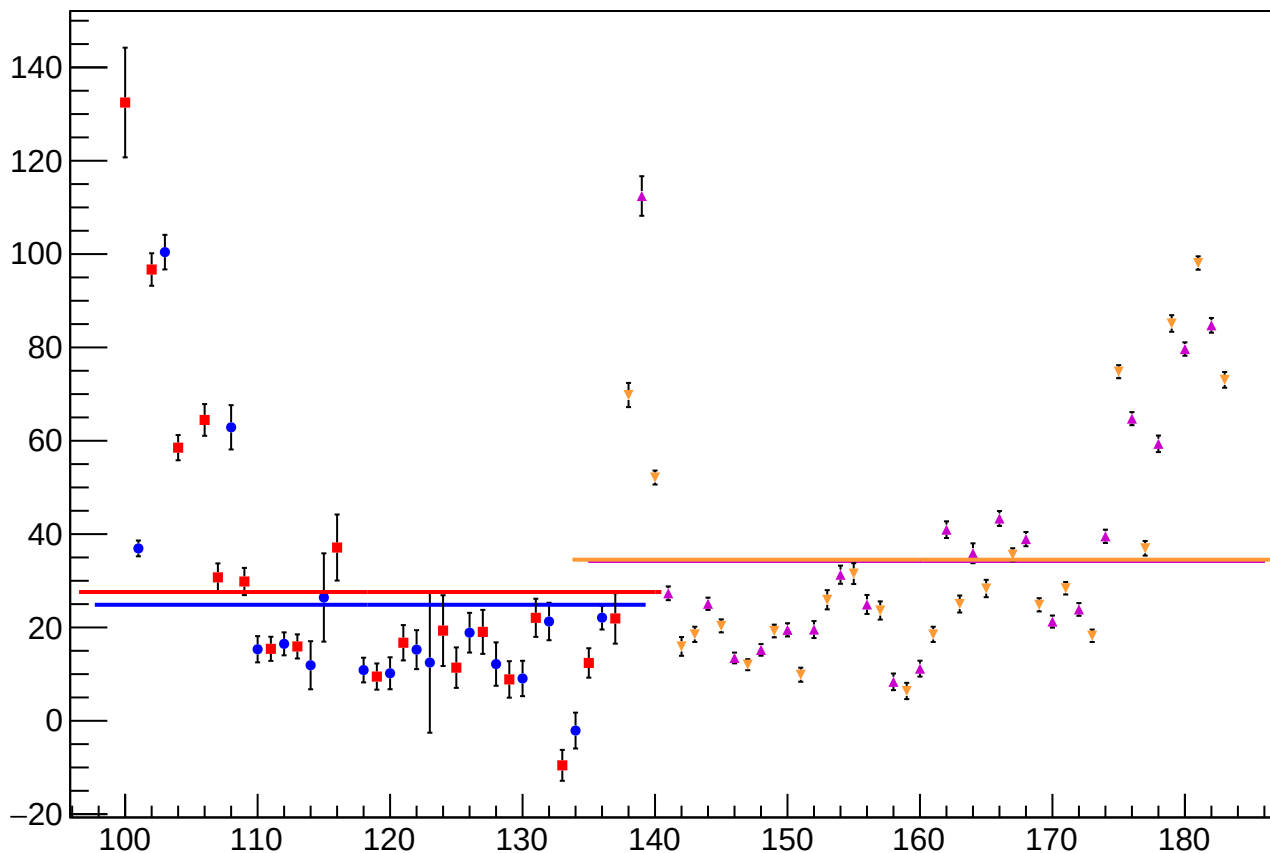
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -81.699+/-0.418 χ^2/NDF :10849.3/21

Out: -84.719+/-0.410 χ^2/NDF :13036.2/23

All: -83.236+/-0.293 χ^2/NDF : 23912.1/45

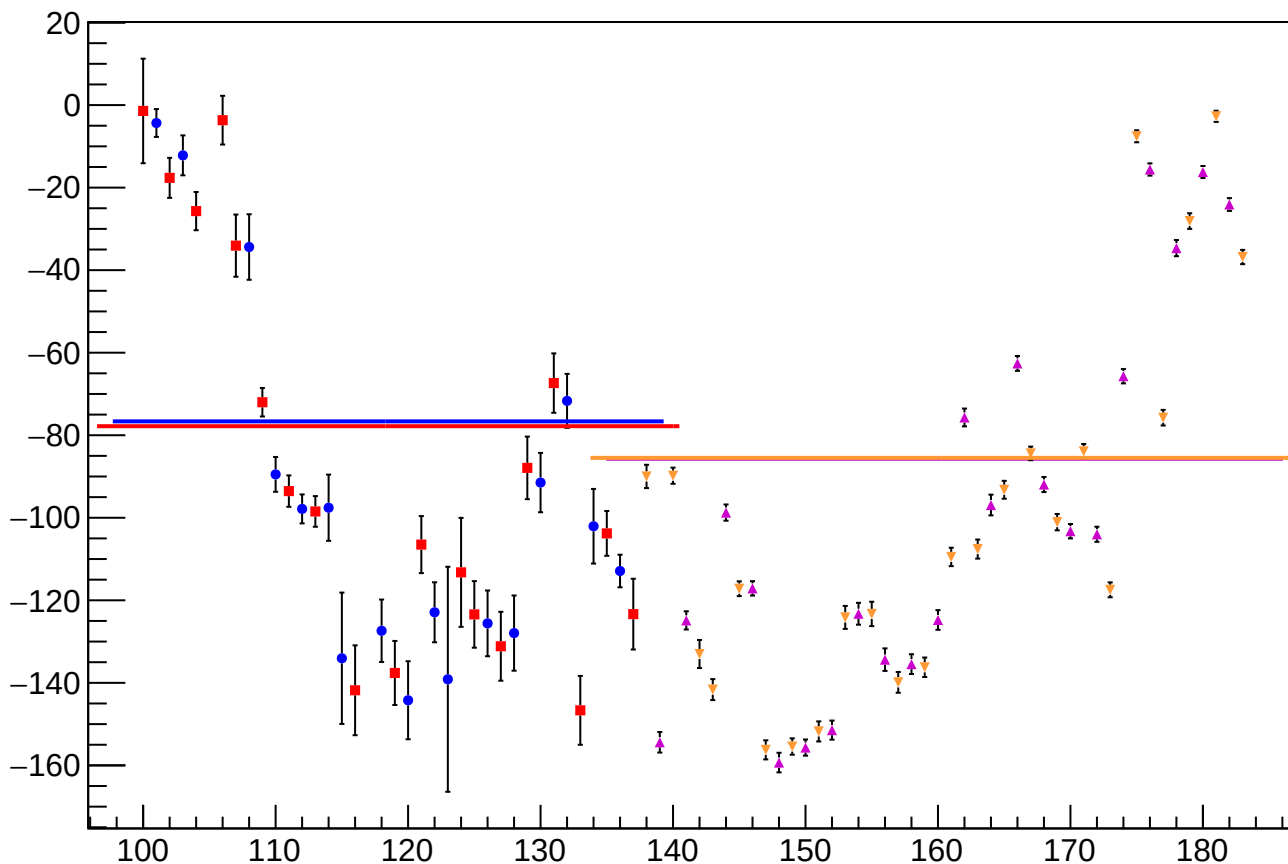
reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 $\pm$ 0.802 χ^2 /NDF: 691.0/16
 Left Out: 34.523 $\pm$ 0.323 χ^2 /NDF: 6140.6/23
 Right Out: 27.593 $\pm$ 0.810 χ^2 /NDF: 1010.9/18
 Left In: 34.241 $\pm$ 0.331 χ^2 /NDF: 4486.1/21

Left: 34.386 $\pm$ 0.231 χ^2 /NDF: 10627.0/45
 Right: 26.215 $\pm$ 0.570 χ^2 /NDF: 1707.7/35
 In: 32.879 $\pm$ 0.306 χ^2 /NDF: 5294.0/38
 Out: 33.573 $\pm$ 0.300 χ^2 /NDF: 7214.8/42
 All: 33.233 $\pm$ 0.214 χ^2 /NDF: 12511.4/81

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -85.484 ± 0.412 χ^2/NDF : 14145.4/23

Right Out: -77.815 ± 1.352 χ^2/NDF : 873.3/18

Left In: -85.695 ± 0.417 χ^2/NDF : 12980.9/21

Left: -85.588 ± 0.293 χ^2/NDF : 27126.3/45

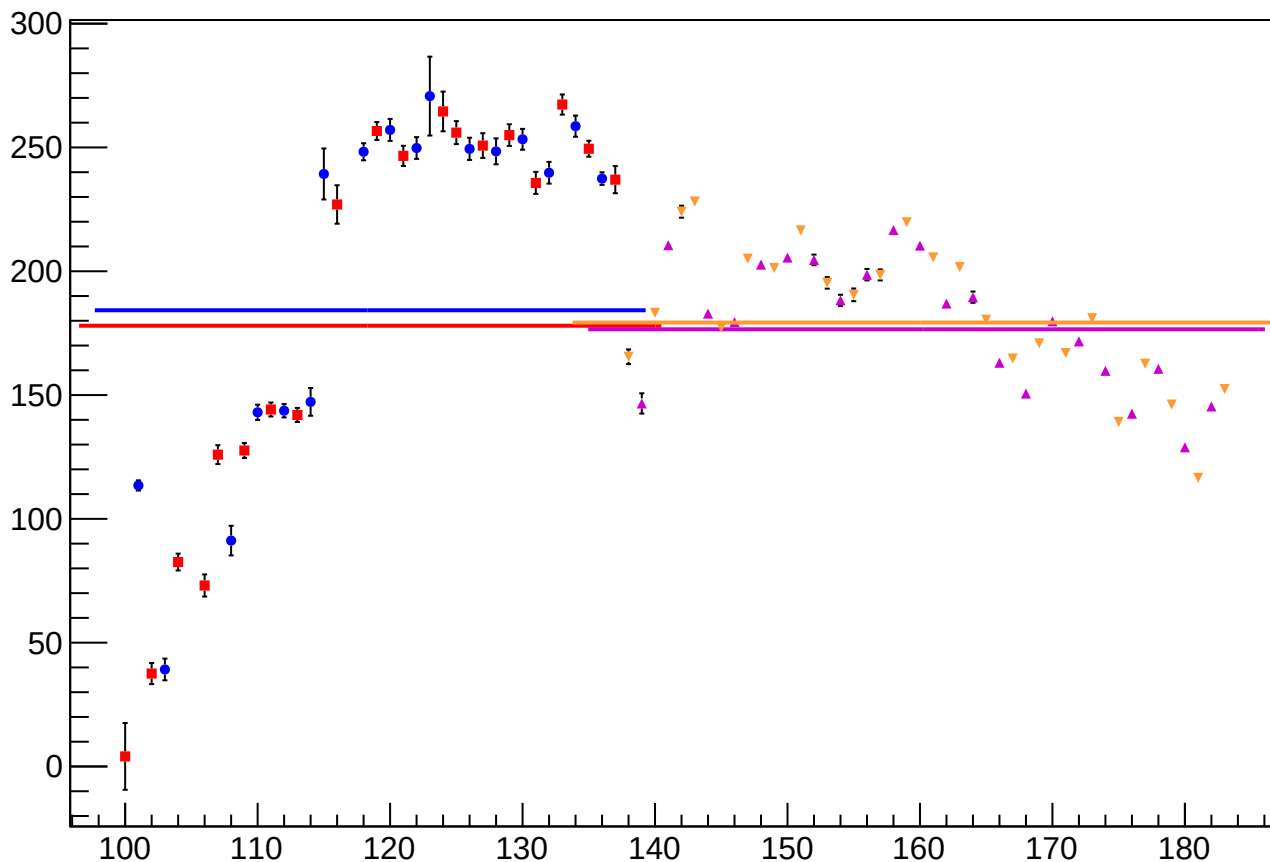
Right: -77.254 ± 0.978 χ^2/NDF : 1914.4/35

In: -84.970 ± 0.400 χ^2/NDF : 14059.3/38

Out: -84.832 ± 0.394 χ^2/NDF : 15048.0/42

All: -84.900 ± 0.281 χ^2/NDF : 29107.4/81

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 $\pm$ 0.915 χ^2 /NDF: 5388.6/16

Left Out: 179.290 $\pm$ 0.365 χ^2 /NDF: 5984.1/23

Right Out: 178.003 $\pm$ 0.924 χ^2 /NDF: 6338.0/18

Left In: 176.558 $\pm$ 0.373 χ^2 /NDF: 4436.8/21

Left: 177.952 $\pm$ 0.261 χ^2 /NDF: 10448.3/45

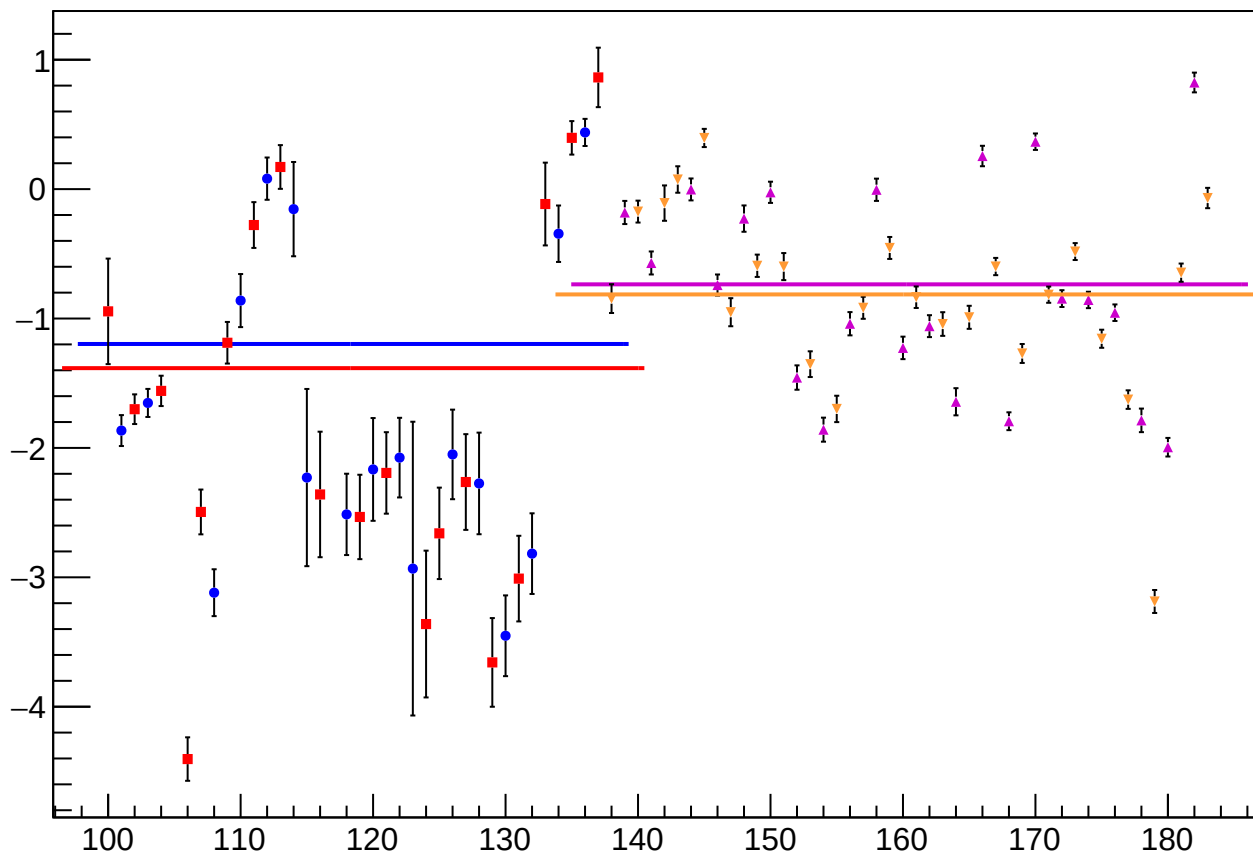
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 177.651 $\pm$ 0.345 χ^2 /NDF: 9885.9/38

Out: 179.116 $\pm$ 0.339 χ^2 /NDF: 12323.7/42

All: 178.395 $\pm$ 0.242 χ^2 /NDF: 22218.8/81

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.814 ± 0.017 χ^2/NDF : 1640.1/23

Right Out: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.736 ± 0.017 χ^2/NDF : 2196.4/21

Left: -0.775 ± 0.012 χ^2/NDF : 3847.2/45

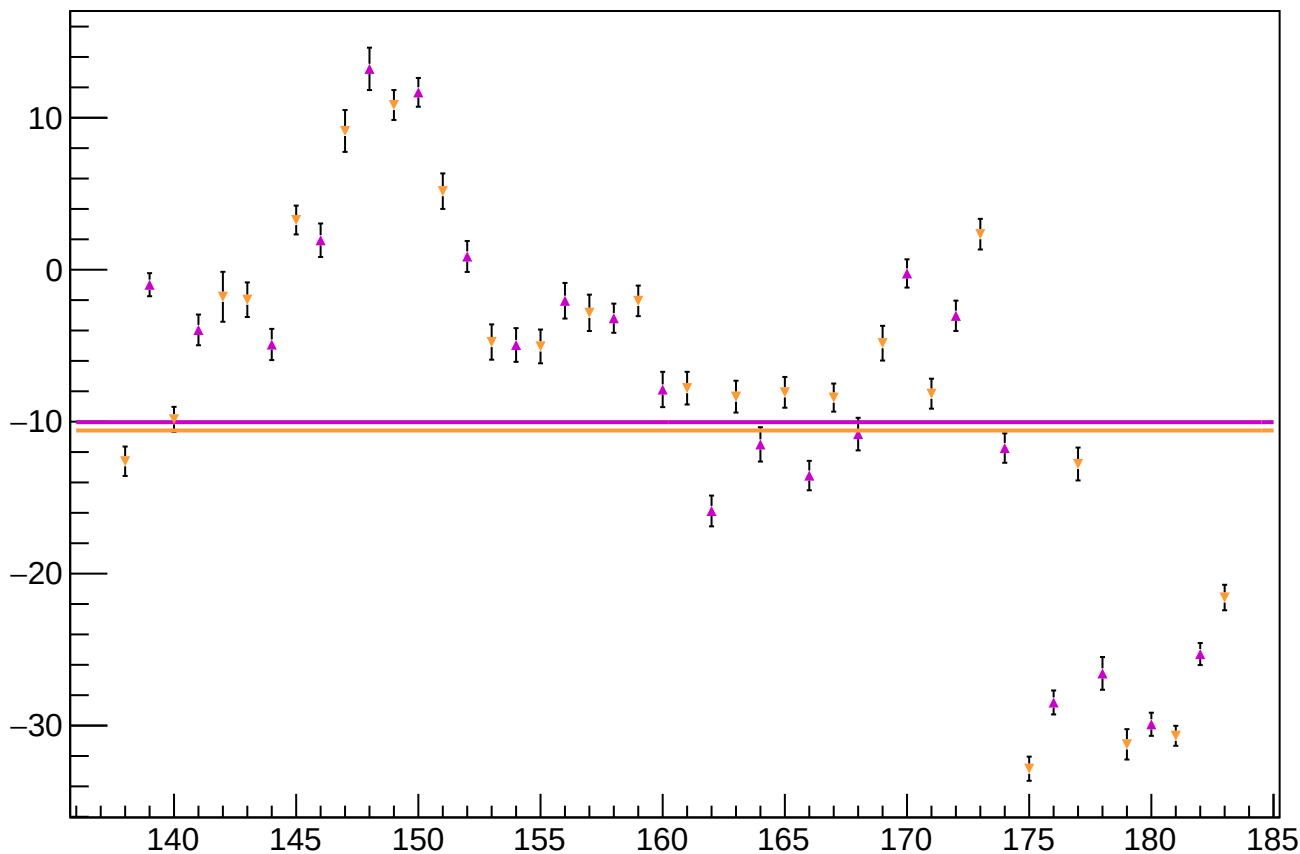
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.787 ± 0.016 χ^2/NDF : 2899.5/38

Out: -0.881 ± 0.016 χ^2/NDF : 2700.0/42

All: -0.835 ± 0.011 χ^2/NDF : 5617.2/81

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected

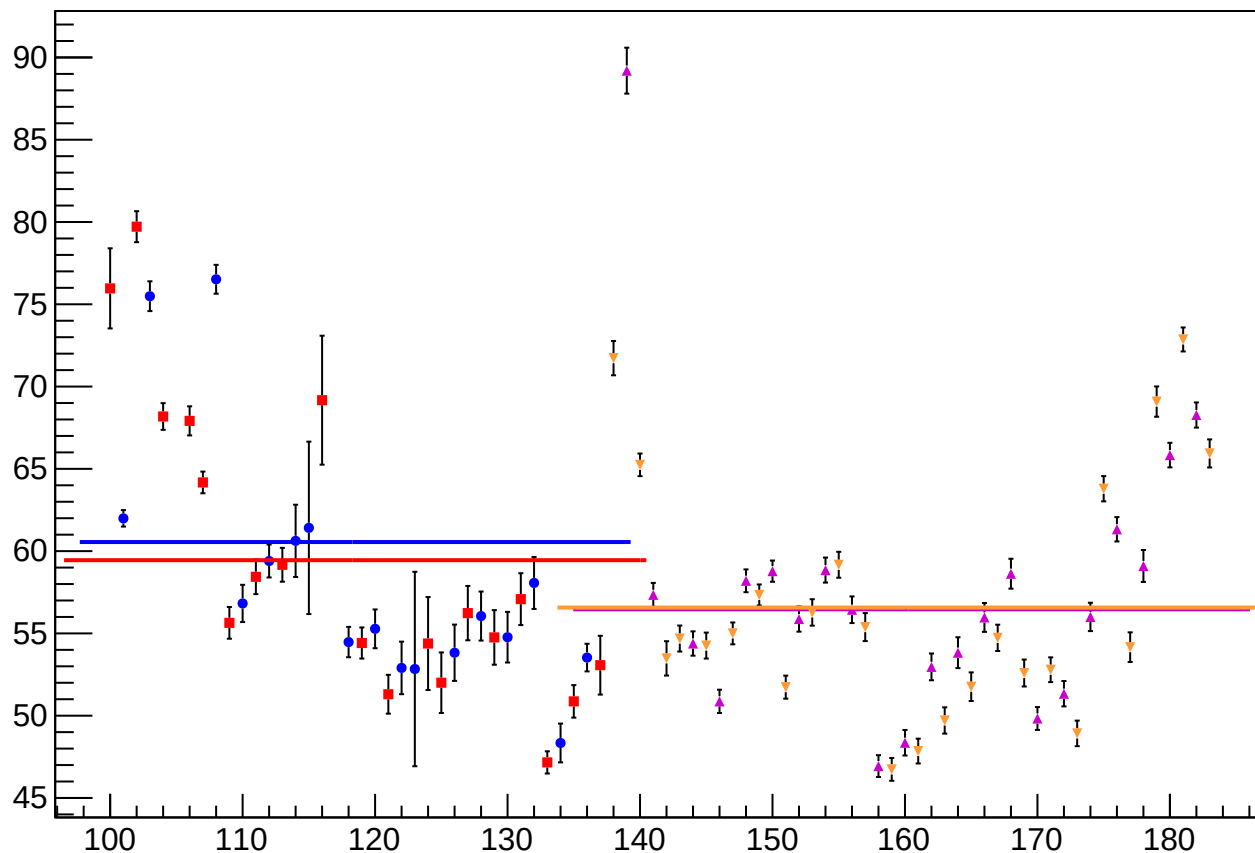


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -10.580+/-0.203 χ^2/NDF :3866.3/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -10.032+/-0.206 χ^2/NDF :3478.9/21

Left: -10.310+/-0.145 χ^2/NDF : 7348.8/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -10.032+/-0.206 χ^2/NDF :3478.9/21
 Out: -10.580+/-0.203 χ^2/NDF :3866.3/23

All: -10.310+/-0.145 χ^2/NDF : 7348.8/45

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 $\pm$ 0.262 χ^2 /NDF: 931.0/16

Left Out: 56.571 $\pm$ 0.160 χ^2 /NDF:1953.5/23

Right Out: 59.449 $\pm$ 0.248 χ^2 /NDF: 1321.3/18

Left In: 56.463 $\pm$ 0.166 χ^2 /NDF:1581.8/21

Left: 56.519 $\pm$ 0.115 χ^2 /NDF: 3535.5/45

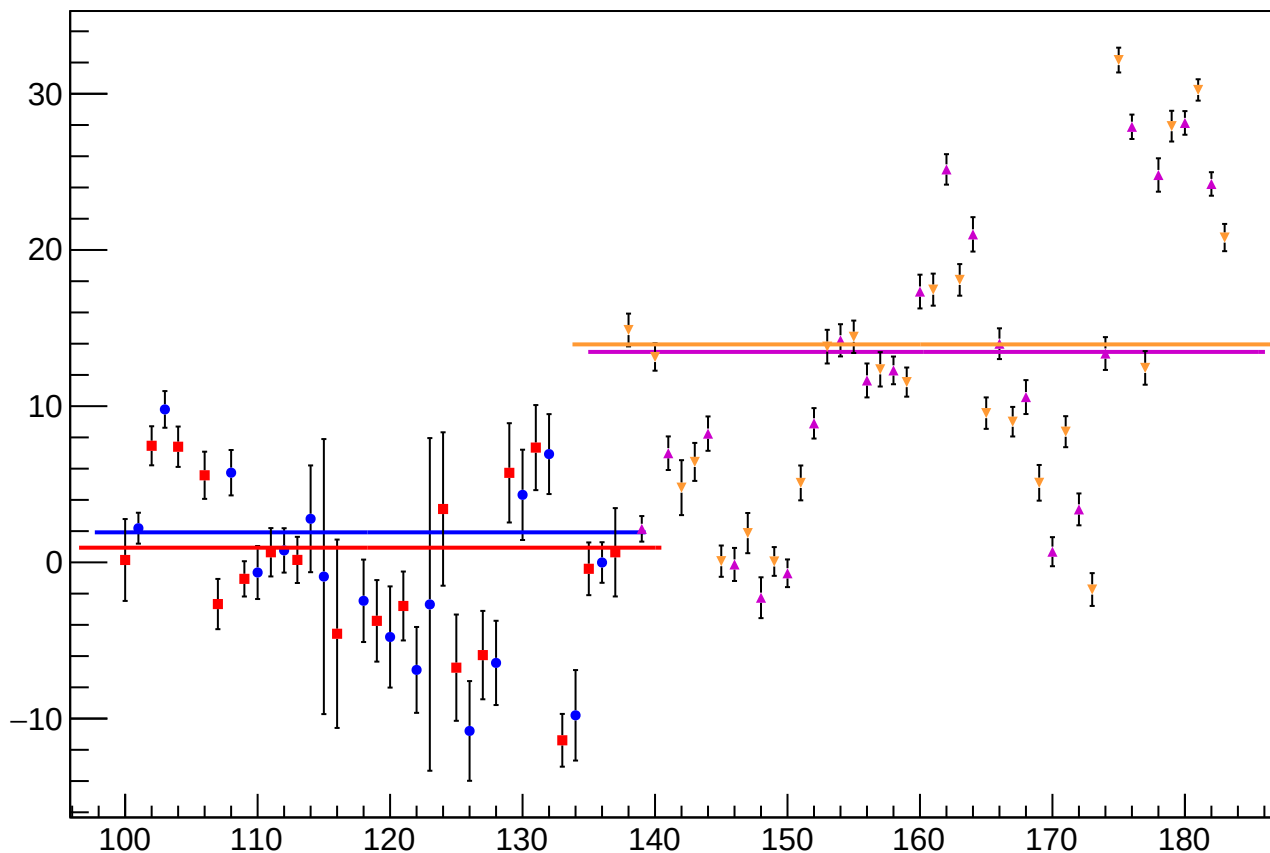
Right: 59.970 $\pm$ 0.180 χ^2 /NDF: 2261.6/35

In: 57.636 $\pm$ 0.140 χ^2 /NDF:2686.8/38

Out: 57.419 $\pm$ 0.134 χ^2 /NDF:3370.1/42

All: 57.523 $\pm$ 0.097 χ^2 /NDF: 6058.1/81

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 χ^2/NDF : 121.1/16

Left Out: 13.955 ± 0.203 χ^2/NDF : 2396.1/23

Right Out: 0.941 ± 0.424 χ^2/NDF : 150.2/18

Left In: 13.473 ± 0.205 χ^2/NDF : 2371.6/21

Left: 13.717 ± 0.144 χ^2/NDF : 4770.4/45

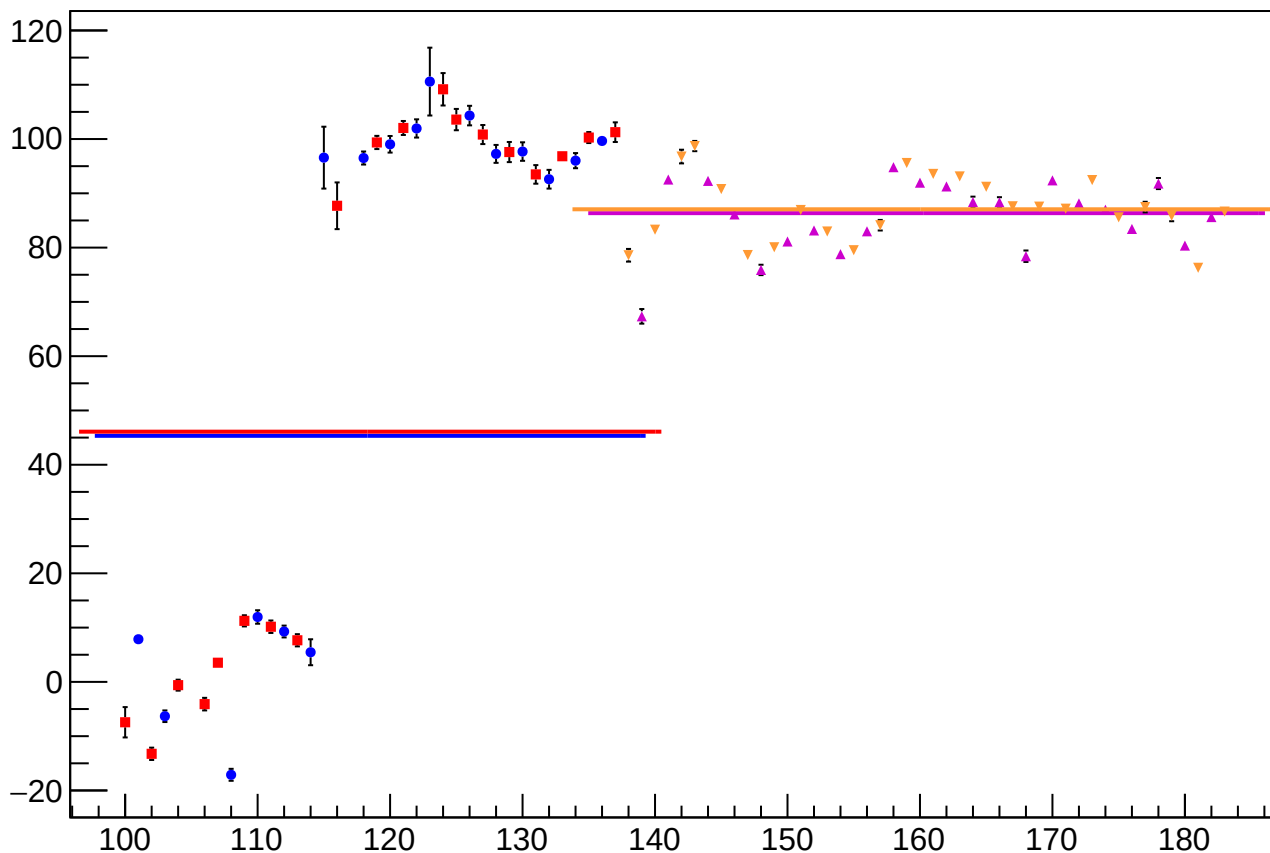
Right: 1.394 ± 0.311 χ^2/NDF : 273.7/35

In: 11.541 ± 0.187 χ^2/NDF : 3021.6/38

Out: 11.524 ± 0.183 χ^2/NDF : 3312.4/42

All: 11.532 ± 0.131 χ^2/NDF : 6334.0/81

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331 $\pm$ 0.304 χ^2 /NDF: 25006.9/16

Left Out: 87.058 $\pm$ 0.181 χ^2 /NDF:1084.4/23

Right Out: 46.094 $\pm$ 0.289 χ^2 /NDF: 28267.6/18

Left In: 86.348 $\pm$ 0.186 χ^2 /NDF:1024.1/21

Left: 86.713 $\pm$ 0.129 χ^2 /NDF: 2116.0/45

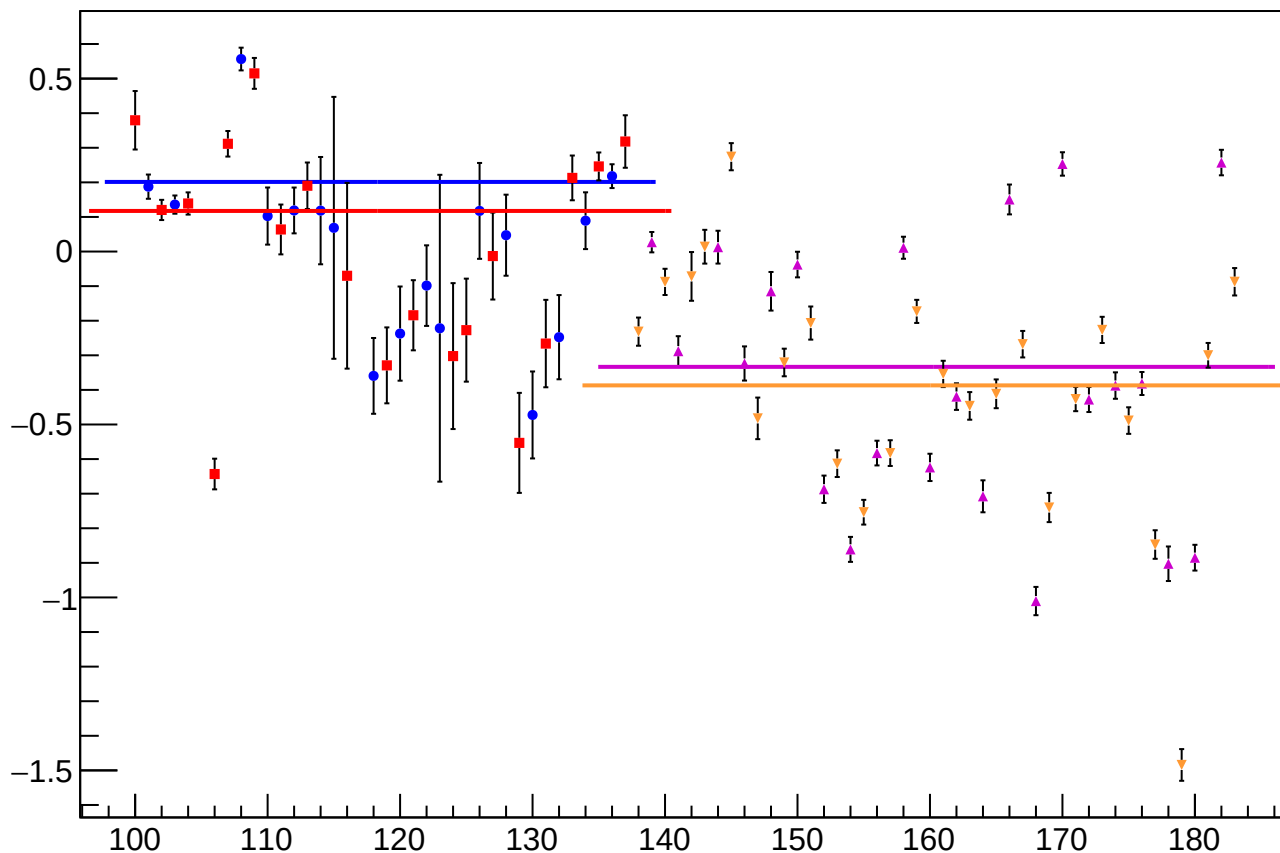
Right: 45.731 $\pm$ 0.209 χ^2 /NDF: 53277.7/35

In: 75.183 $\pm$ 0.158 χ^2 /NDF:39315.3/38

Out: 75.574 $\pm$ 0.153 χ^2 /NDF:43790.7/42

All: 75.385 $\pm$ 0.110 χ^2 /NDF: 83109.1/81

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.387 ± 0.008 χ^2/NDF : 1546.1/23

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.5/18

Left In: -0.333 ± 0.008 χ^2/NDF : 2185.4/21

Left: -0.360 ± 0.006 χ^2/NDF : 3752.7/45

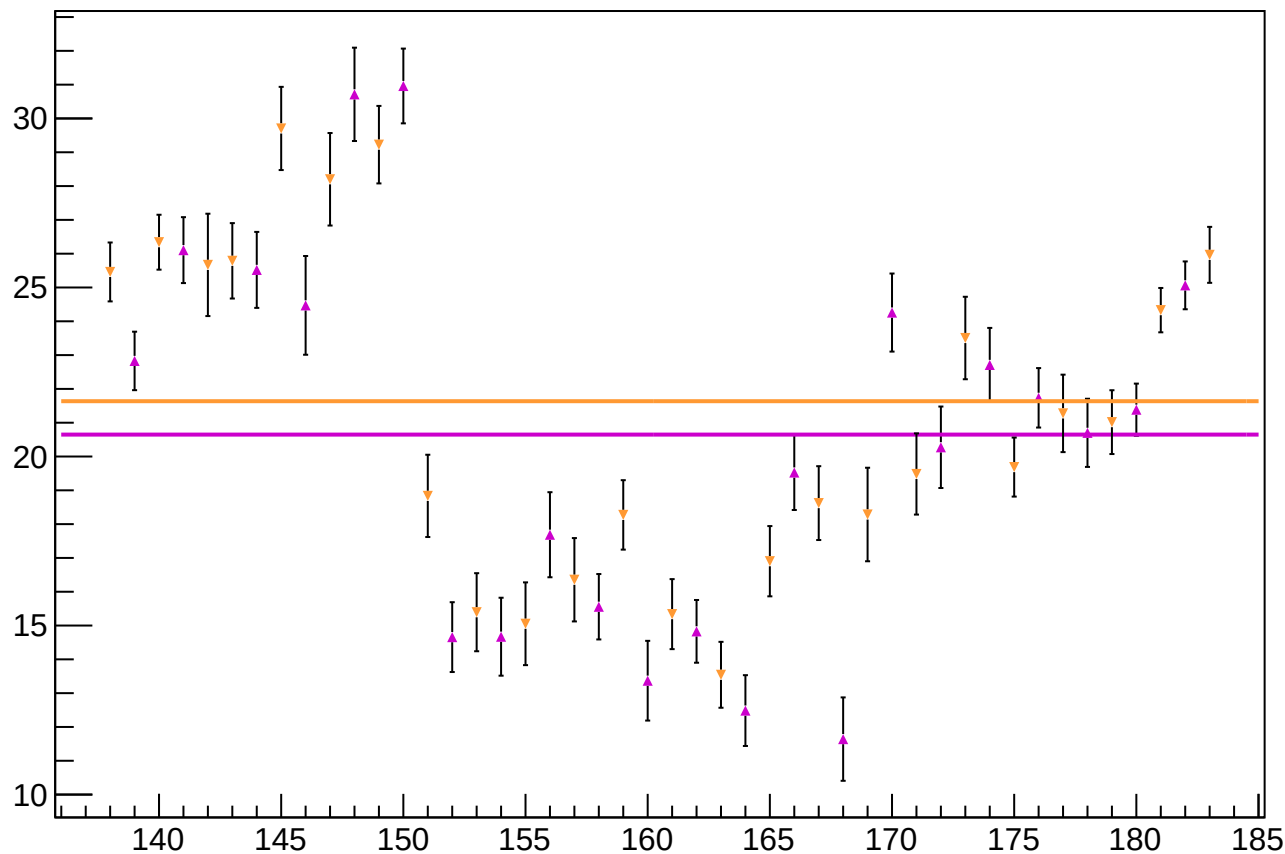
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: -0.197 ± 0.007 χ^2/NDF : 3482.1/38

Out: -0.243 ± 0.007 χ^2/NDF : 3119.0/42

All: -0.220 ± 0.005 χ^2/NDF : 6622.9/81

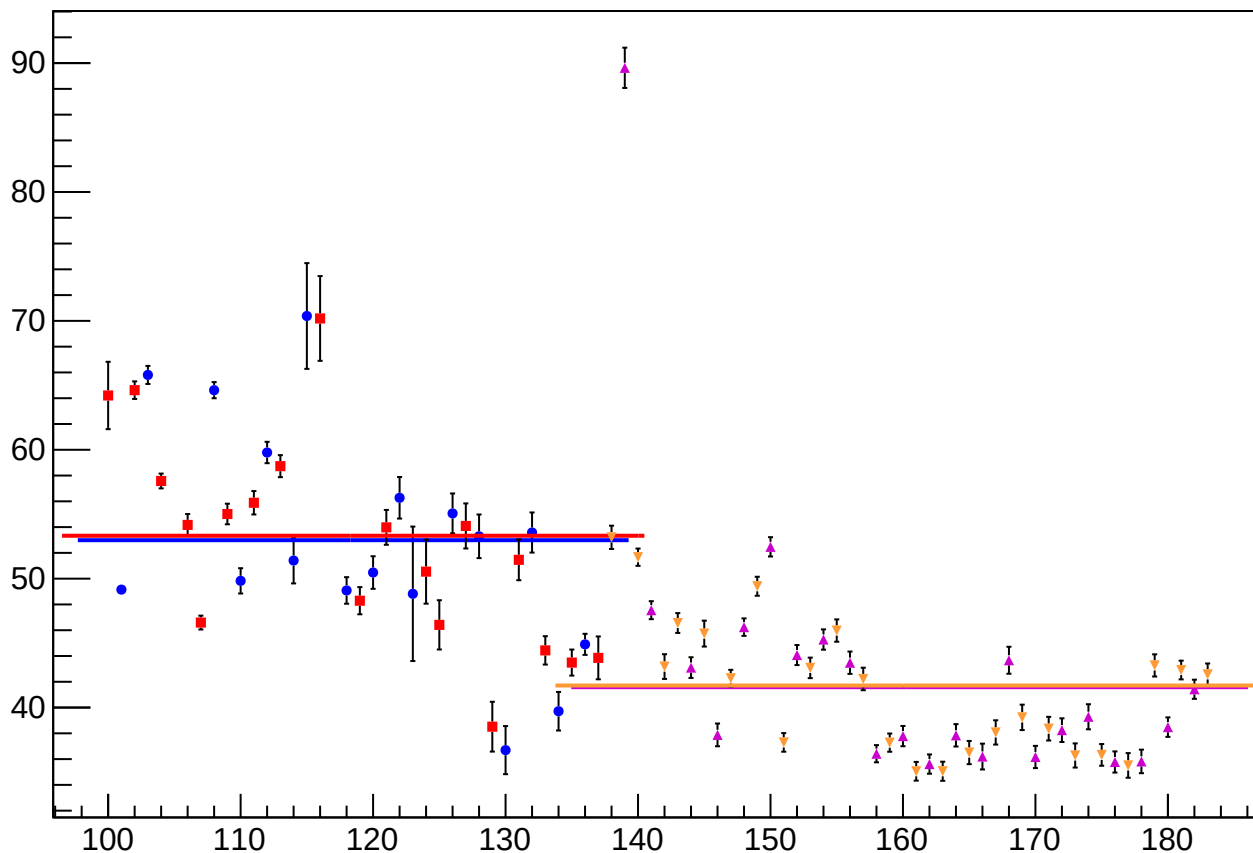
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 21.636 ± 0.212 $\chi^2/\text{NDF}: 471.6/23$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 20.648 ± 0.219 $\chi^2/\text{NDF}: 544.6/21$

Left: 21.159 ± 0.152 $\chi^2/\text{NDF}: 1026.7/45$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 20.648 ± 0.219 $\chi^2/\text{NDF}: 544.6/21$
 Out: 21.636 ± 0.212 $\chi^2/\text{NDF}: 471.6/23$
 All: 21.159 ± 0.152 $\chi^2/\text{NDF}: 1026.7/45$

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 $\pm$ 0.210 χ^2 /NDF: 1197.9/16

Left Out: 41.710 $\pm$ 0.166 χ^2 /NDF:1010.2/23

Right Out: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

Left In: 41.579 $\pm$ 0.175 χ^2 /NDF:1698.7/21

Left: 41.648 $\pm$ 0.121 χ^2 /NDF: 2709.2/45

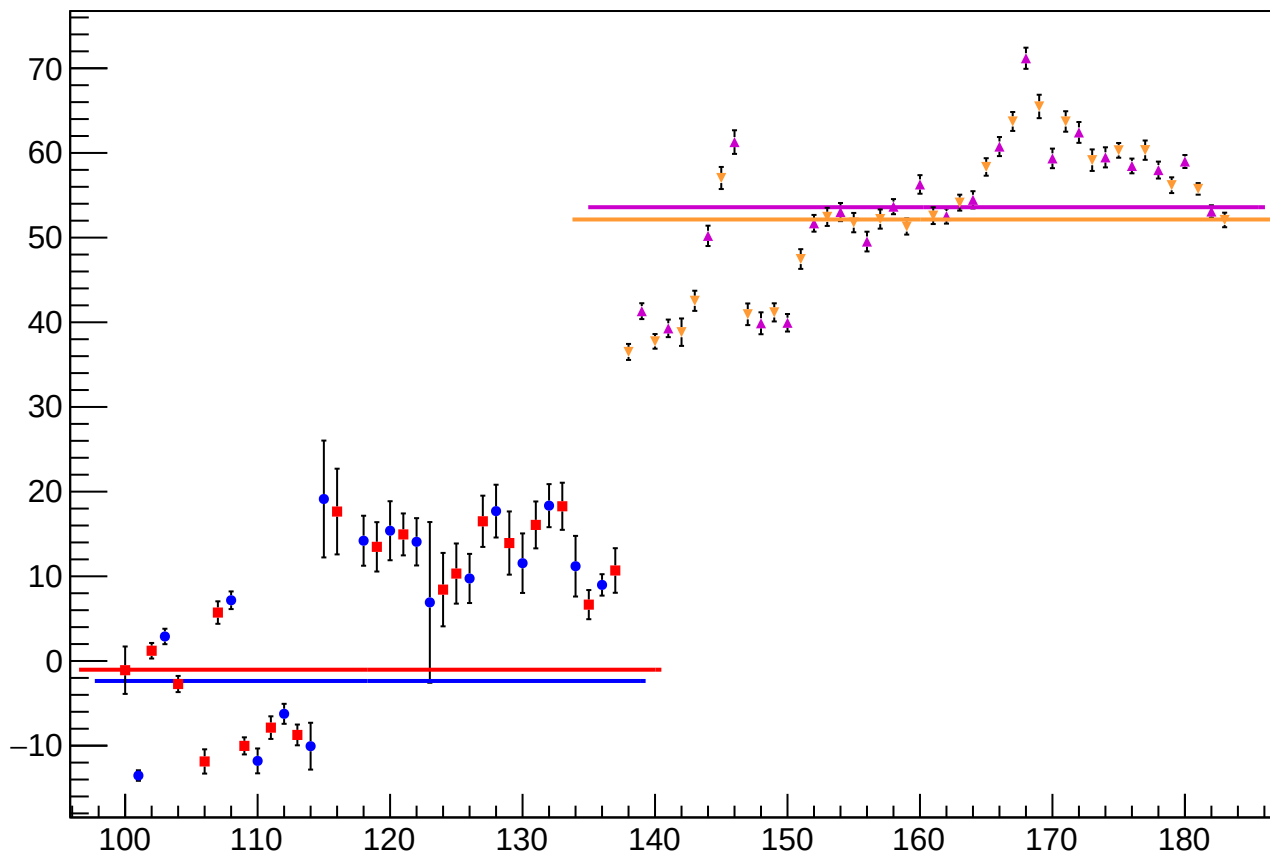
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 46.251 $\pm$ 0.135 χ^2 /NDF:4632.9/38

Out: 45.784 $\pm$ 0.134 χ^2 /NDF:3593.1/42

All: 46.017 $\pm$ 0.095 χ^2 /NDF: 8232.1/81

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 52.141 ± 0.212 χ^2/NDF : 1446.1/23

Right Out: -1.030 ± 0.377 χ^2/NDF : 507.8/18

Left In: 53.592 ± 0.217 χ^2/NDF : 1151.4/21

Left: 52.847 ± 0.152 χ^2/NDF : 2620.3/45

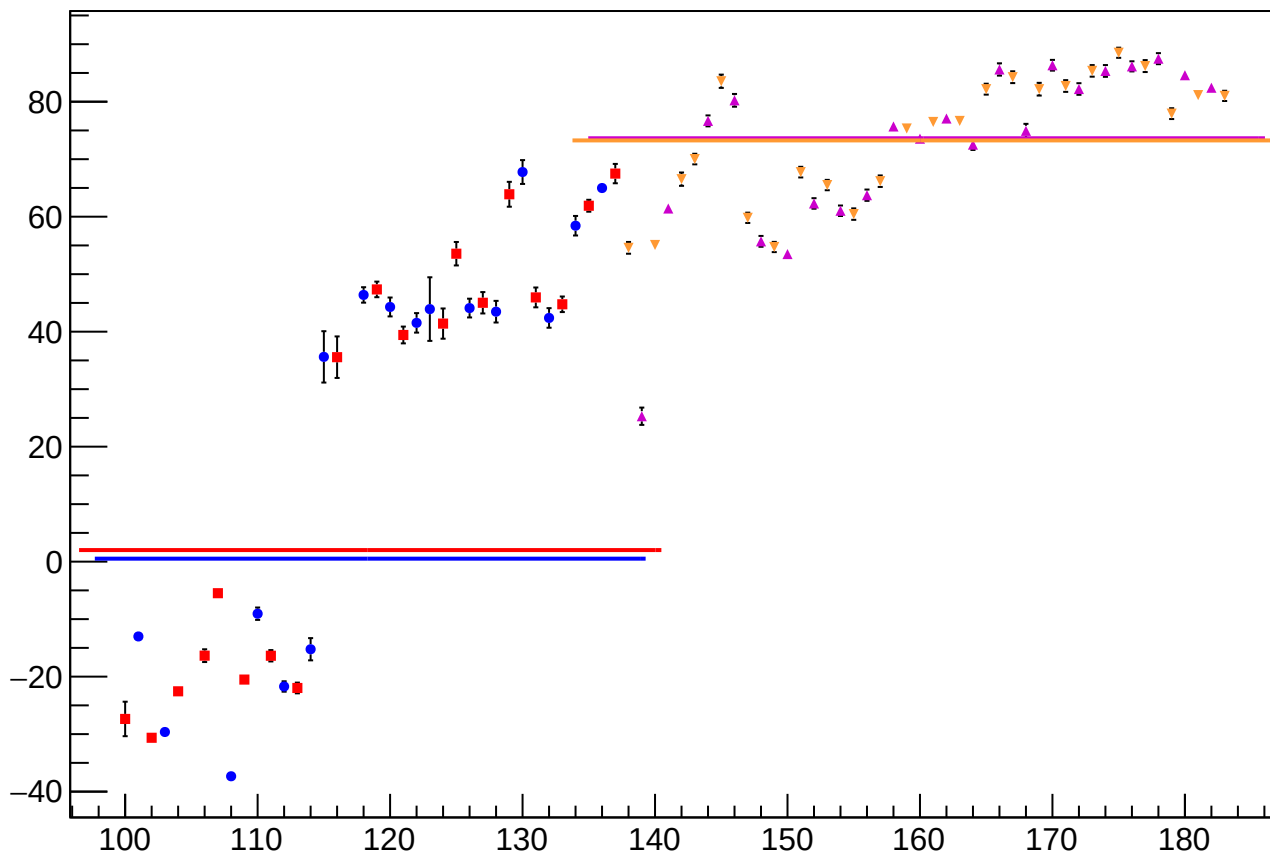
Right: -1.717 ± 0.262 χ^2/NDF : 1352.0/35

In: 38.886 ± 0.187 χ^2/NDF : 19394.1/38

Out: 39.393 ± 0.185 χ^2/NDF : 17092.4/42

All: 39.143 ± 0.131 χ^2/NDF : 36490.3/81

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 ± 0.247 χ^2/NDF : 18386.0/16

Left Out: 73.266 ± 0.188 χ^2/NDF : 3144.7/23

Right Out: 2.013 ± 0.266 χ^2/NDF : 15473.7/18

Left In: 73.641 ± 0.196 χ^2/NDF : 3897.1/21

Left: 73.446 ± 0.136 χ^2/NDF : 7043.7/45

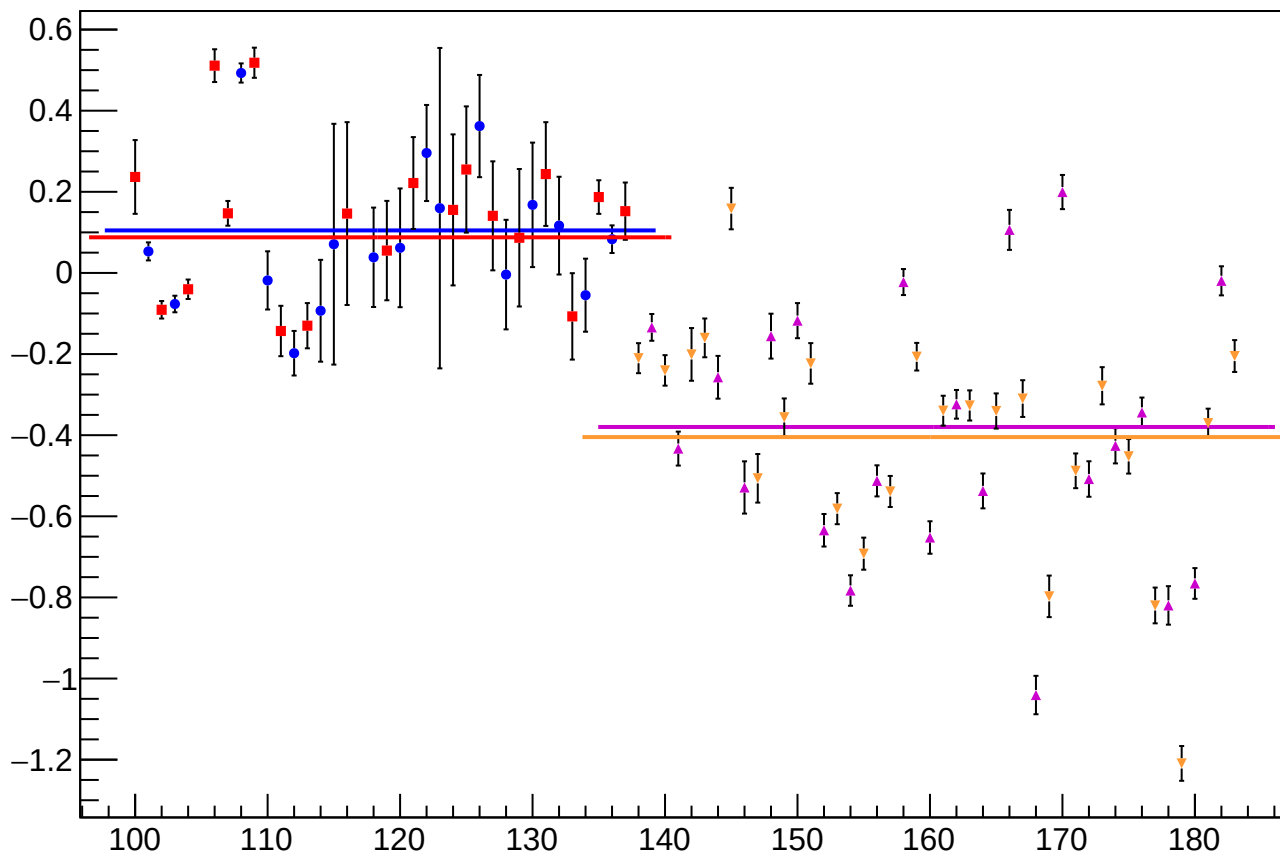
Right: 1.209 ± 0.181 χ^2/NDF : 33876.6/35

In: 45.376 ± 0.154 χ^2/NDF : 76080.2/38

Out: 49.540 ± 0.154 χ^2/NDF : 66354.5/42

All: 47.456 ± 0.109 χ^2/NDF : 142802.0/81

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.405 ± 0.009 $\chi^2/\text{NDF}: 894.8/23$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

Left In: -0.380 ± 0.009 $\chi^2/\text{NDF}: 1256.5/21$

Left: -0.392 ± 0.006 $\chi^2/\text{NDF}: 2155.5/45$

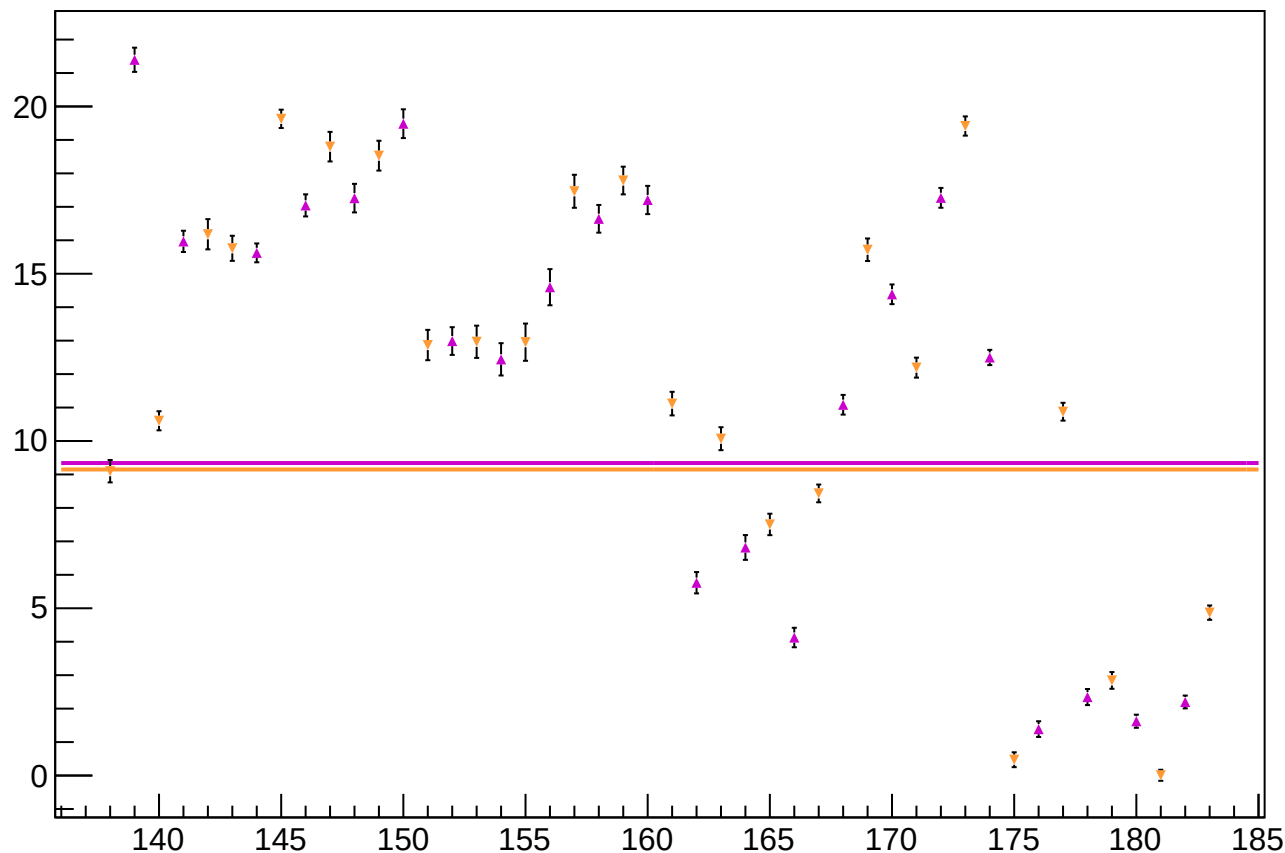
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 793.0/35$

In: -0.192 ± 0.007 $\chi^2/\text{NDF}: 2840.2/38$

Out: -0.217 ± 0.007 $\chi^2/\text{NDF}: 2526.4/42$

All: -0.205 ± 0.005 $\chi^2/\text{NDF}: 5373.2/81$

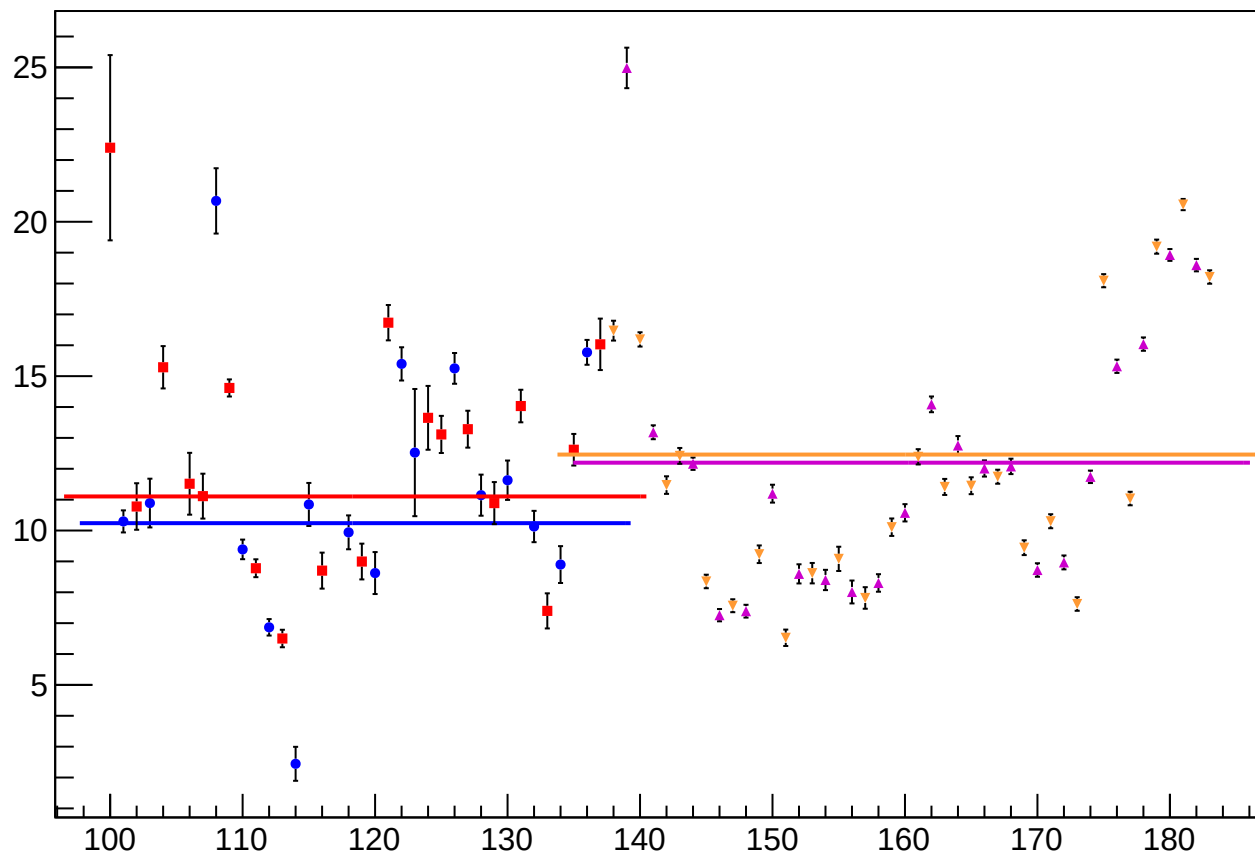
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 9.149+/-0.062 χ^2/NDF :11348.0/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.341+/-0.064 χ^2/NDF :11001.6/21

Left: 9.242+/-0.044 χ^2/NDF : 22354.3/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.341+/-0.064 χ^2/NDF :11001.6/21
 Out: 9.149+/-0.062 χ^2/NDF :11348.0/23
 All: 9.242+/-0.044 χ^2/NDF : 22354.3/45

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 $\pm$ 0.119 χ^2 /NDF: 867.4/16

Left Out: 12.460 $\pm$ 0.050 χ^2 /NDF: 7464.5/23

Right Out: 11.104 $\pm$ 0.116 χ^2 /NDF: 815.2/18

Left In: 12.197 $\pm$ 0.052 χ^2 /NDF: 5465.1/21

Left: 12.332 $\pm$ 0.036 χ^2 /NDF: 12943.0/45

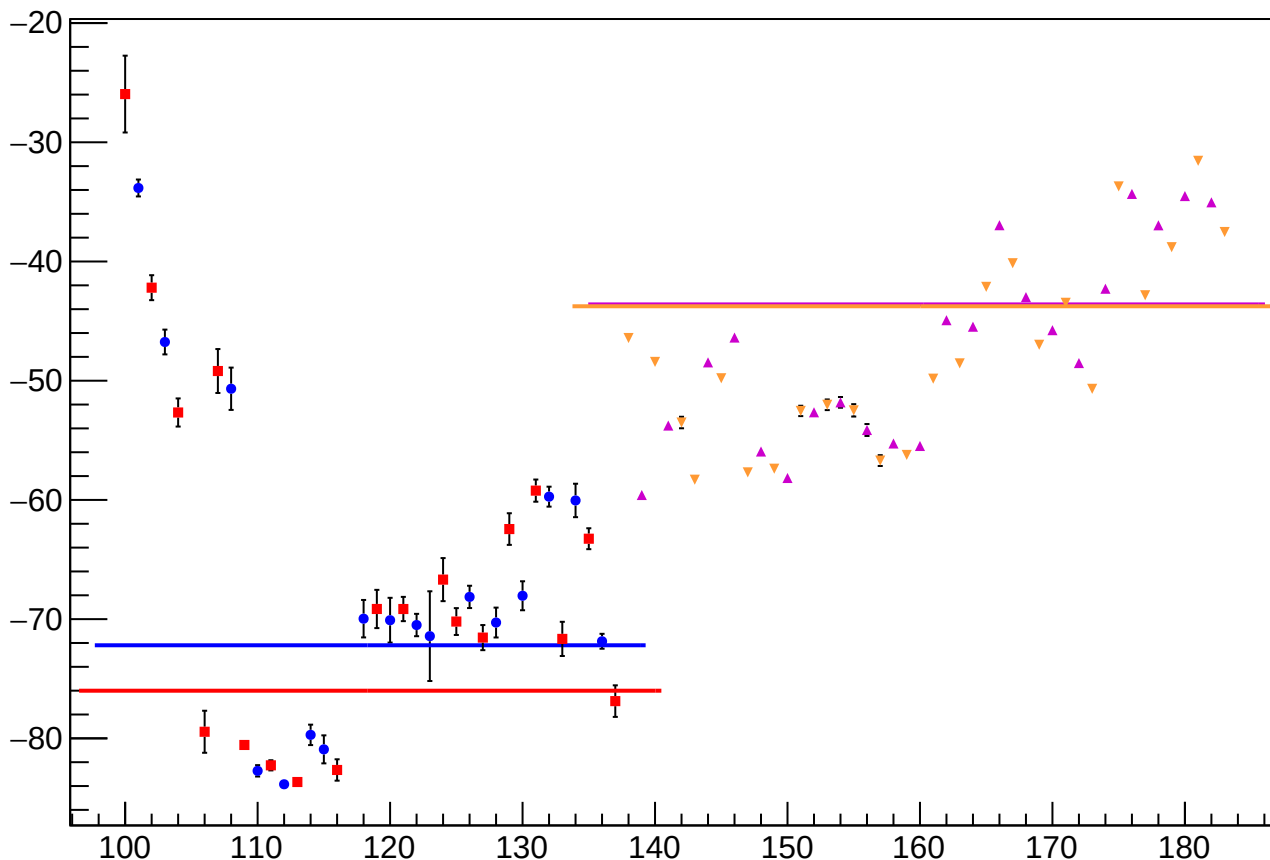
Right: 10.681 $\pm$ 0.083 χ^2 /NDF: 1709.6/35

In: 11.888 $\pm$ 0.047 χ^2 /NDF: 6560.1/38

Out: 12.247 $\pm$ 0.046 χ^2 /NDF: 8394.3/42

All: 12.072 $\pm$ 0.033 χ^2 /NDF: 14984.0/81

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$

Left Out: -43.756 ± 0.063 $\chi^2/\text{NDF}: 17190.6/23$

Right Out: -76.003 ± 0.181 $\chi^2/\text{NDF}: 3465.3/18$

Left In: -43.600 ± 0.064 $\chi^2/\text{NDF}: 15574.2/21$

Left: -43.680 ± 0.045 $\chi^2/\text{NDF}: 32767.8/45$

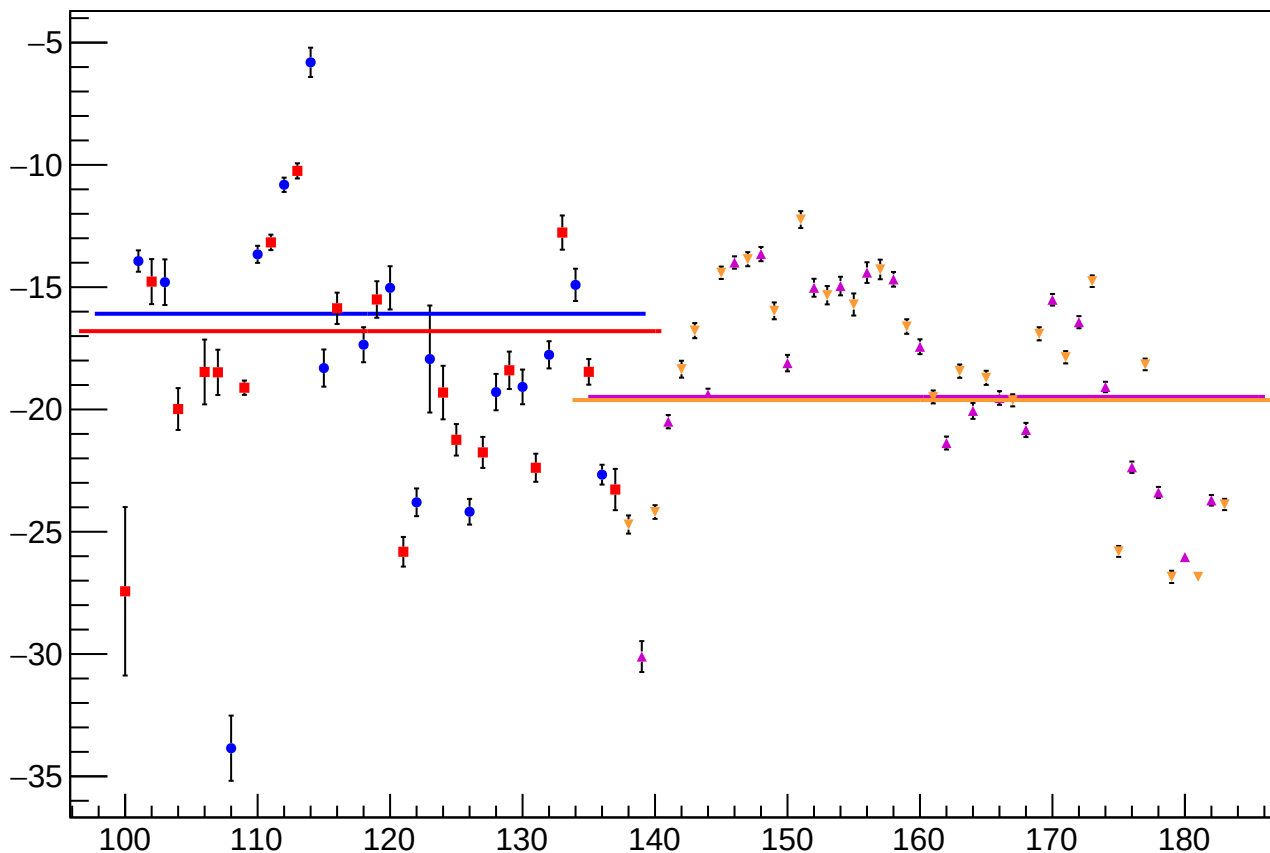
Right: -74.270 ± 0.134 $\chi^2/\text{NDF}: 9230.0/35$

In: -46.301 ± 0.061 $\chi^2/\text{NDF}: 39994.3/38$

Out: -47.205 ± 0.059 $\chi^2/\text{NDF}: 49018.9/42$

All: -46.766 ± 0.042 $\chi^2/\text{NDF}: 89126.6/81$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$

Left Out: -19.615 ± 0.056 $\chi^2/\text{NDF}: 6384.9/23$

Right Out: -16.798 ± 0.128 $\chi^2/\text{NDF}: 1214.0/18$

Left In: -19.485 ± 0.058 $\chi^2/\text{NDF}: 4300.2/21$

Left: -19.551 ± 0.040 $\chi^2/\text{NDF}: 10687.7/45$

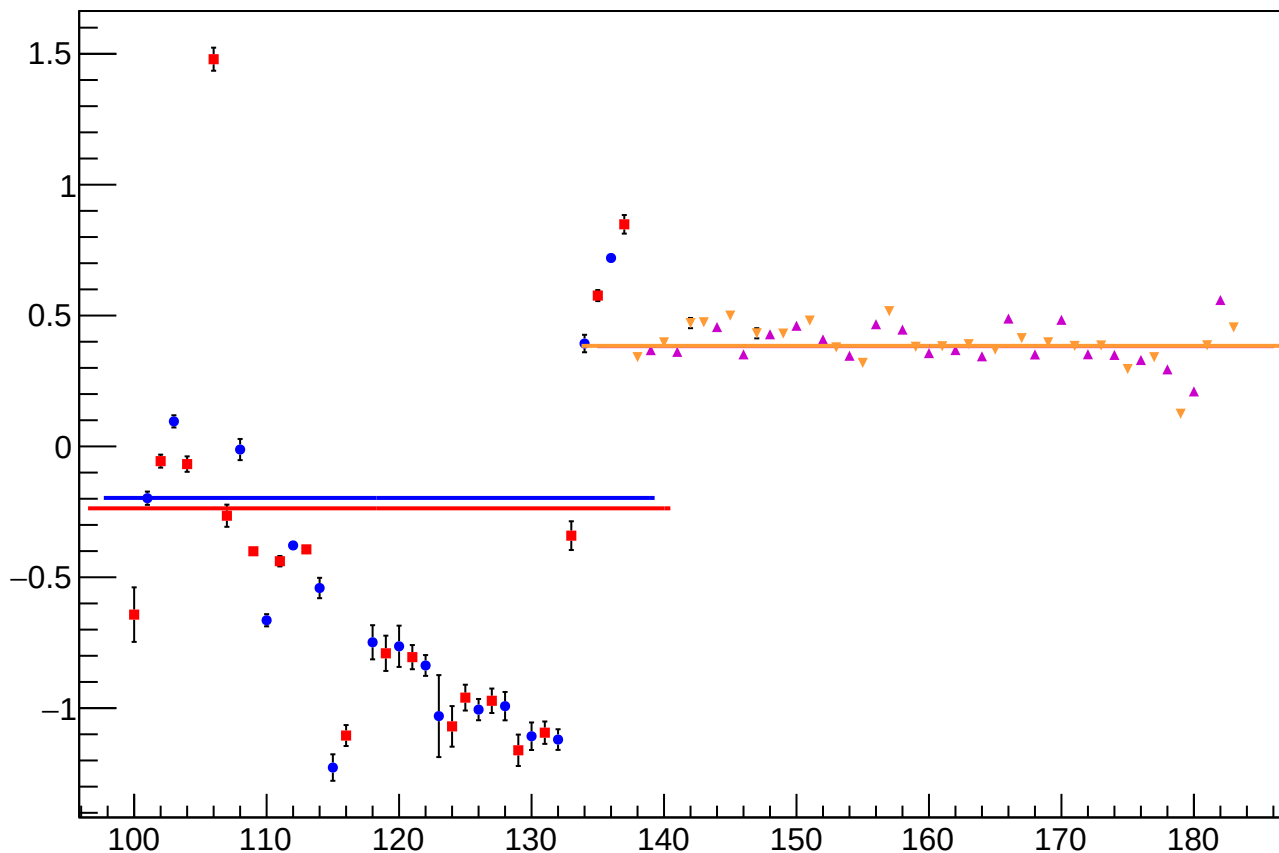
Right: -16.454 ± 0.092 $\chi^2/\text{NDF}: 2850.6/35$

In: -18.941 ± 0.053 $\chi^2/\text{NDF}: 6475.2/38$

Out: -19.158 ± 0.052 $\chi^2/\text{NDF}: 8003.6/42$

All: -19.052 ± 0.037 $\chi^2/\text{NDF}: 14487.4/81$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.384 ± 0.003 χ^2/NDF : 951.9/23

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.383 ± 0.003 χ^2/NDF : 1055.7/21

Left: 0.384 ± 0.002 χ^2/NDF : 2007.7/45

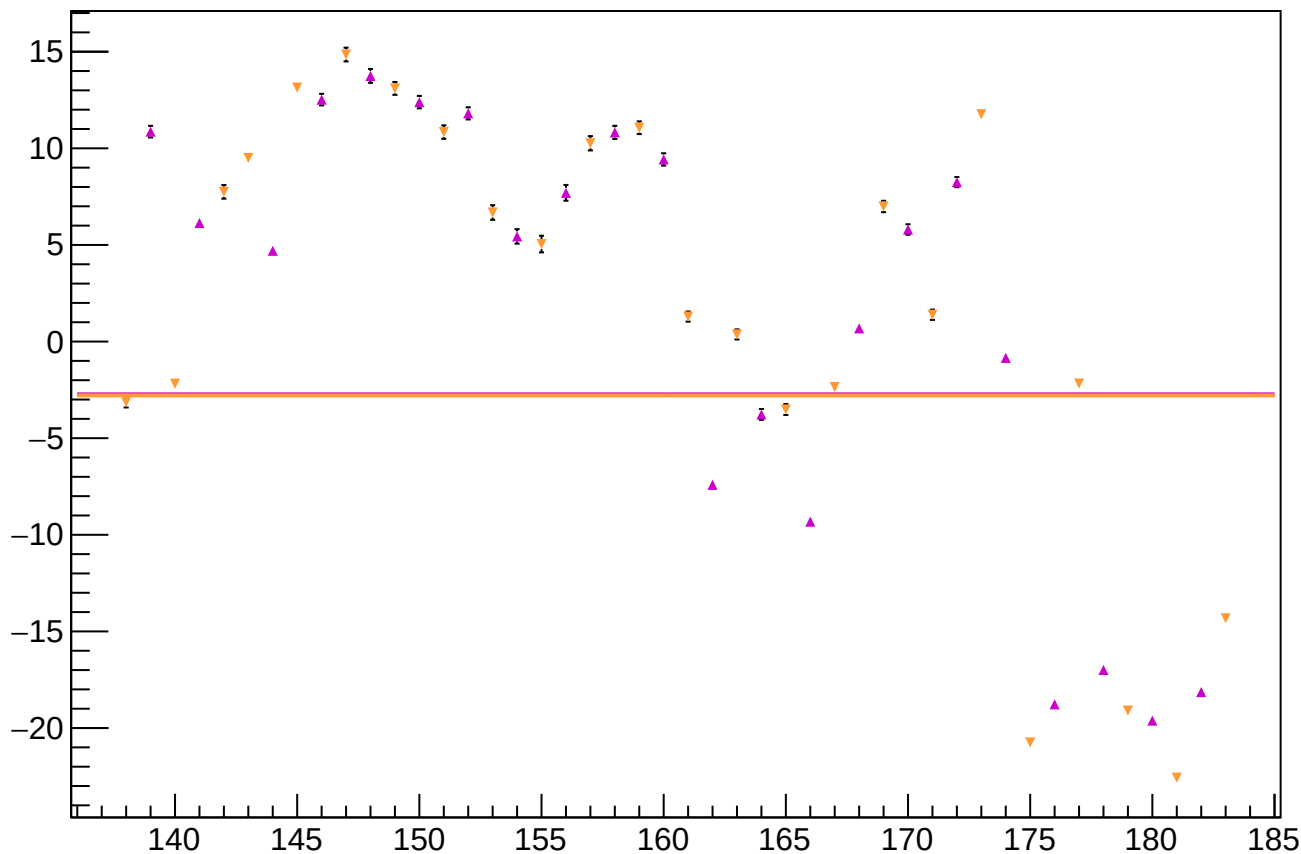
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.320 ± 0.002 χ^2/NDF : 12646.0/38

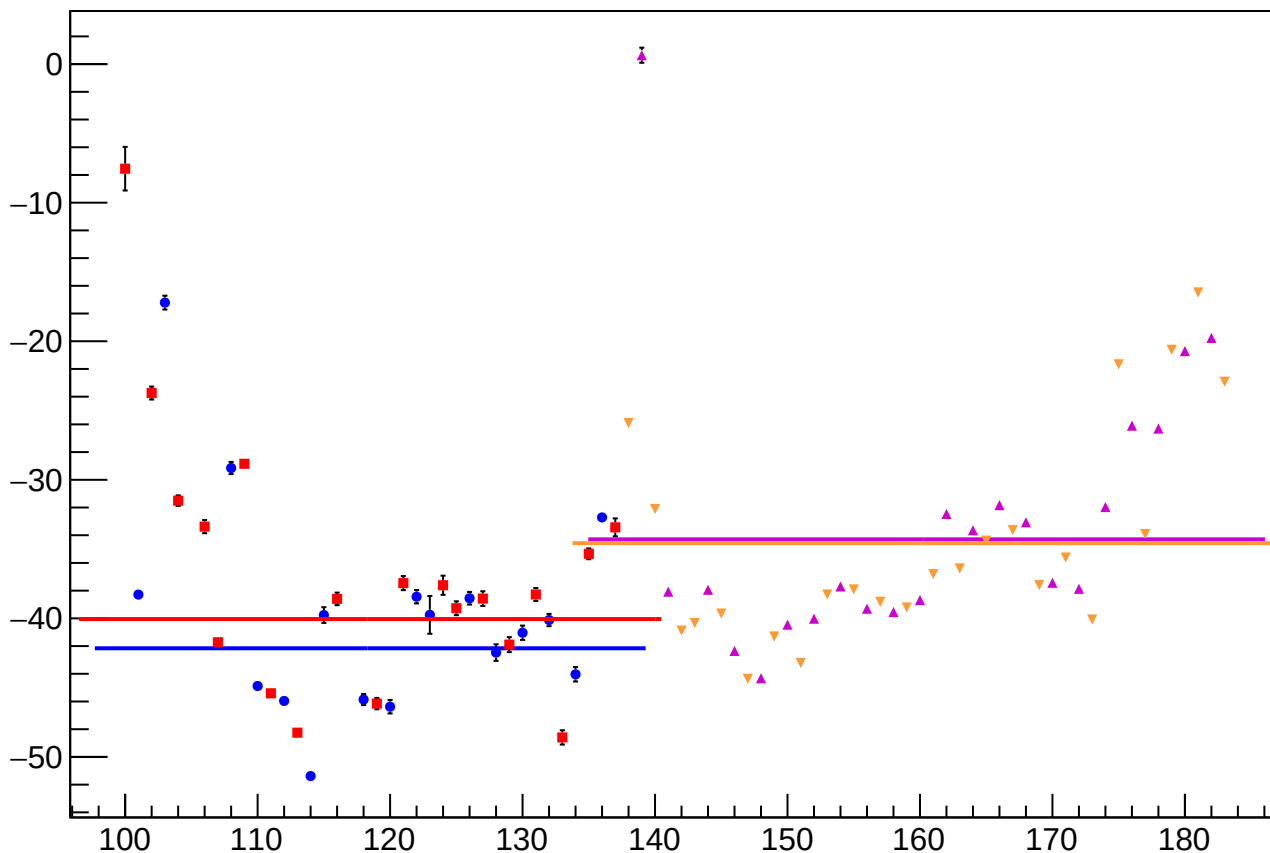
Out: 0.312 ± 0.002 χ^2/NDF : 13795.8/42

All: 0.316 ± 0.002 χ^2/NDF : 26446.7/81

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 $\chi^2/\text{NDF}: 6570.6/16$

Left Out: -34.572 ± 0.042 $\chi^2/\text{NDF}: 34483.2/23$

Right Out: -40.050 ± 0.073 $\chi^2/\text{NDF}: 11311.3/18$

Left In: -34.297 ± 0.044 $\chi^2/\text{NDF}: 28144.4/21$

Left: -34.441 ± 0.030 $\chi^2/\text{NDF}: 62647.9/45$

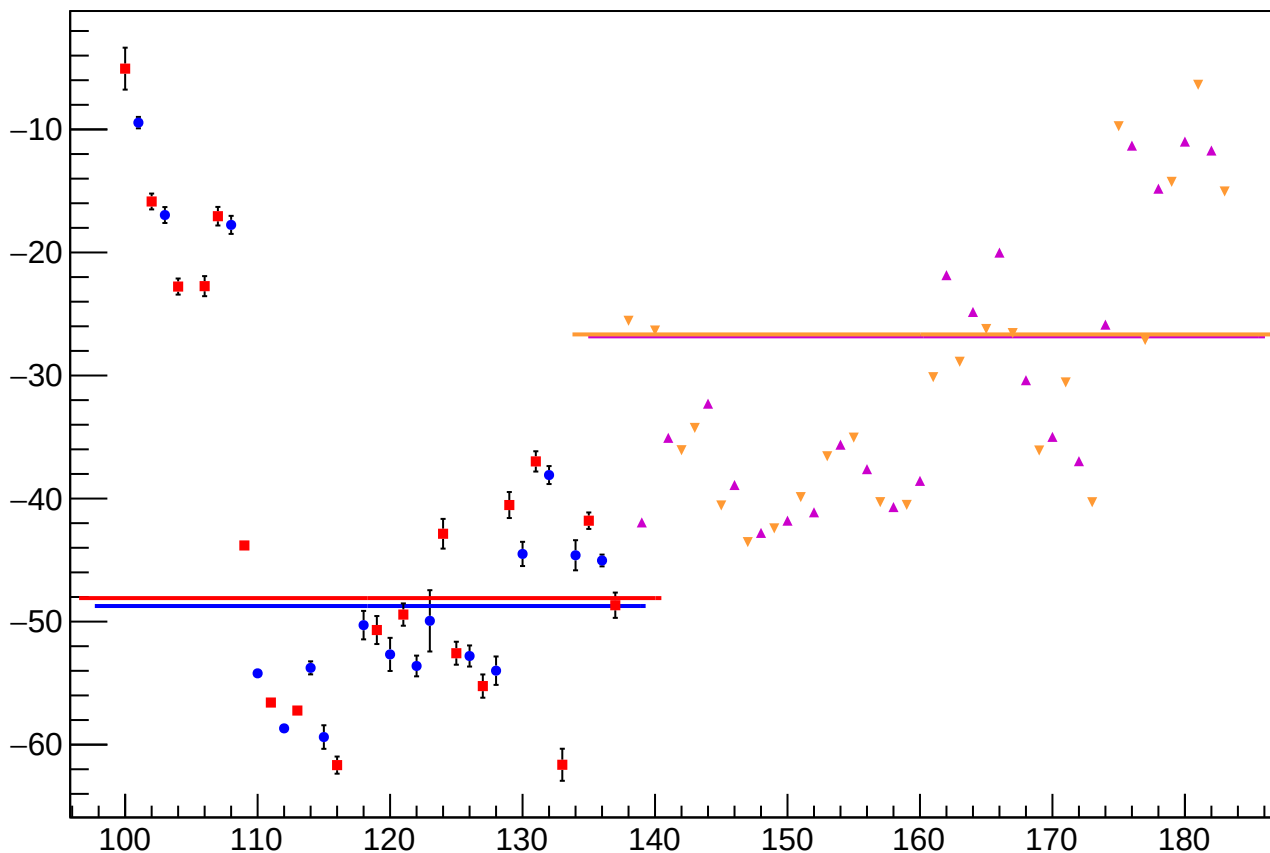
Right: -41.033 ± 0.053 $\chi^2/\text{NDF}: 18273.5/35$

In: -36.212 ± 0.038 $\chi^2/\text{NDF}: 42418.8/38$

Out: -35.946 ± 0.036 $\chi^2/\text{NDF}: 50040.1/42$

All: -36.072 ± 0.026 $\chi^2/\text{NDF}: 92484.2/81$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 χ^2/NDF : 14659.4/16

Left Out: -26.660 ± 0.054 χ^2/NDF : 47485.4/23

Right Out: -48.090 ± 0.107 χ^2/NDF : 11731.5/18

Left In: -26.818 ± 0.055 χ^2/NDF : 42539.0/21

Left: -26.736 ± 0.039 χ^2/NDF : 90028.6/45

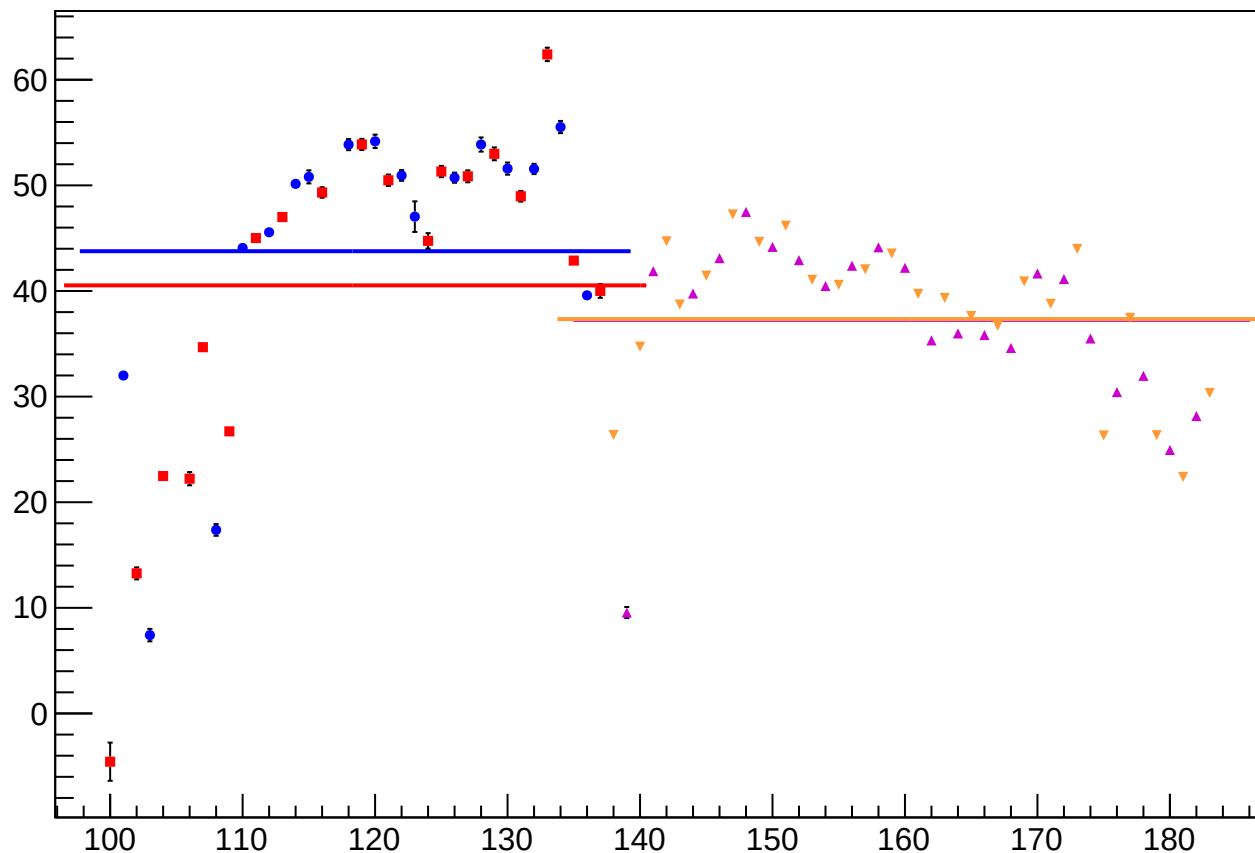
Right: -48.363 ± 0.081 χ^2/NDF : 26406.2/35

In: -30.426 ± 0.051 χ^2/NDF : 83004.7/38

Out: -30.952 ± 0.048 χ^2/NDF : 91159.8/42

All: -30.703 ± 0.035 χ^2/NDF : 174221.4/81

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 $\pm$ 0.087 χ^2 /NDF: 10633.5/16

Left Out: 37.339 $\pm$ 0.048 χ^2 /NDF:21277.3/23

Right Out: 40.531 $\pm$ 0.080 χ^2 /NDF: 17580.8/18

Left In: 37.261 $\pm$ 0.050 χ^2 /NDF:17212.2/21

Left: 37.302 $\pm$ 0.034 χ^2 /NDF: 38490.9/45

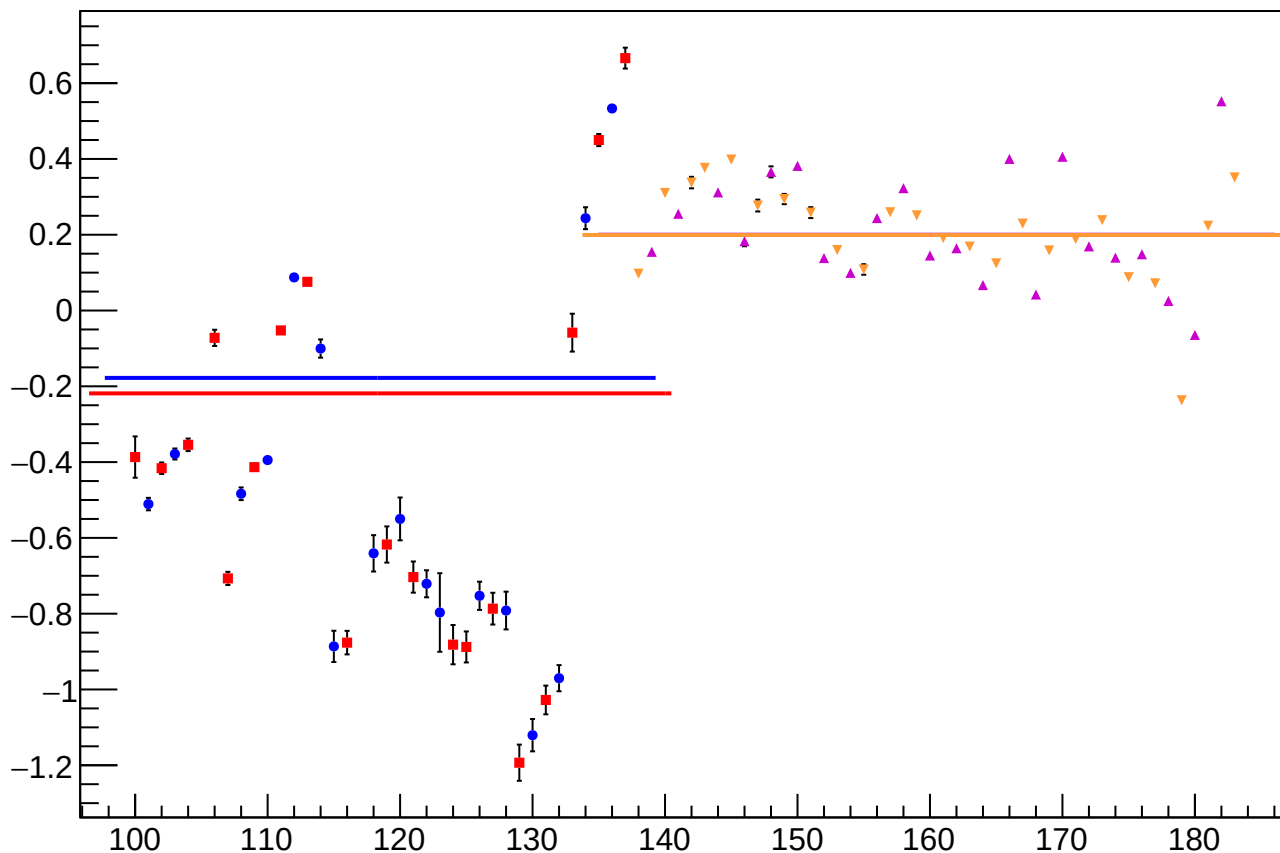
Right: 42.021 $\pm$ 0.059 χ^2 /NDF: 28963.8/35

In: 38.860 $\pm$ 0.043 χ^2 /NDF:32081.4/38

Out: 38.170 $\pm$ 0.041 χ^2 /NDF:40030.7/42

All: 38.498 $\pm$ 0.030 χ^2 /NDF: 72247.3/81

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.199 ± 0.002 χ^2/NDF : 3543.4/23

Right Out: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.200 ± 0.002 χ^2/NDF : 4417.7/21

Left: 0.200 ± 0.002 χ^2/NDF : 7961.1/45

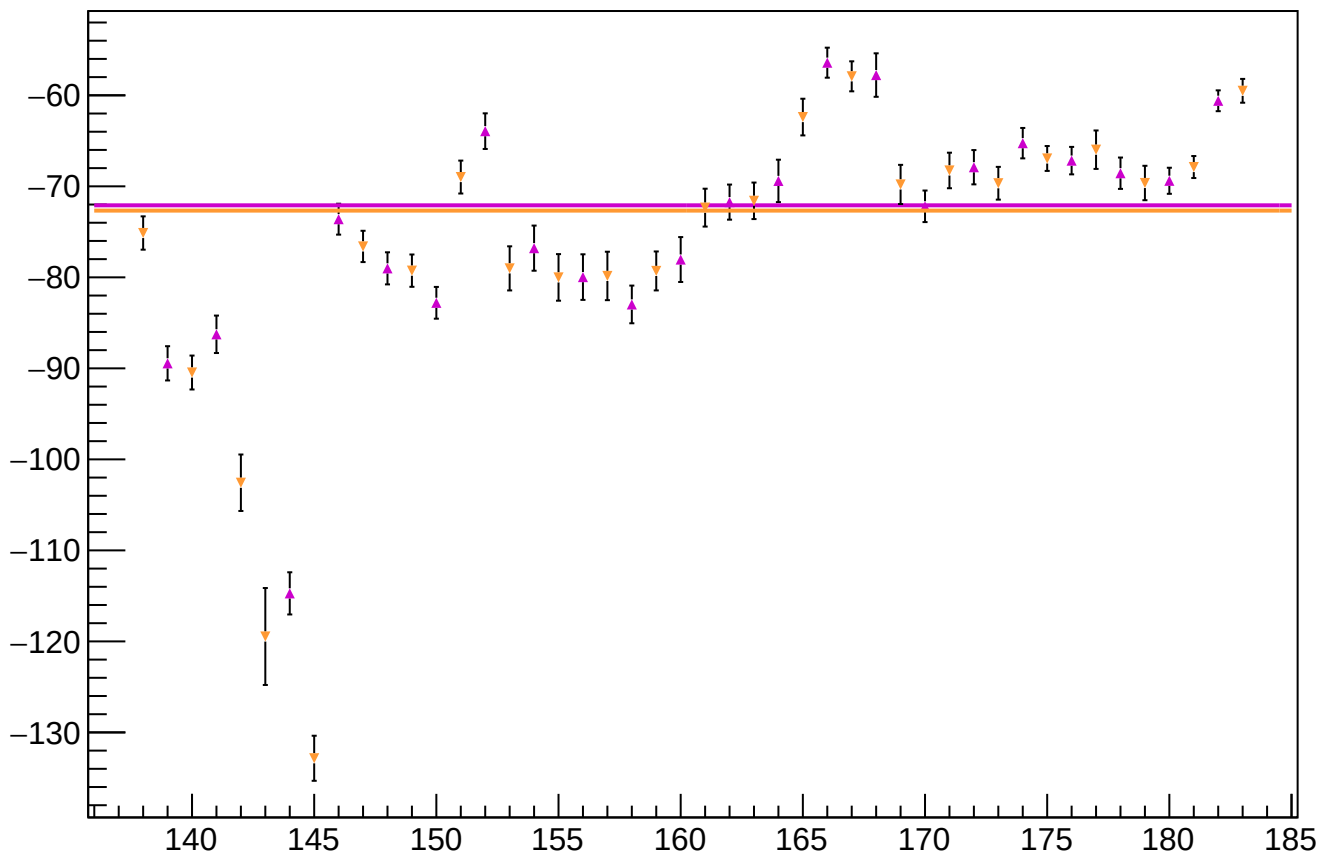
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: 0.133 ± 0.002 χ^2/NDF : 16782.4/38

Out: 0.113 ± 0.002 χ^2/NDF : 18498.6/42

All: 0.122 ± 0.001 χ^2/NDF : 35330.4/81

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -72.667 $\pm$ 0.386 χ^2 /NDF:1172.2/23

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

Left In: -72.086 $\pm$ 0.387 χ^2 /NDF:857.5/21

Left: -72.378 $\pm$ 0.273 χ^2 /NDF: 2030.8/45

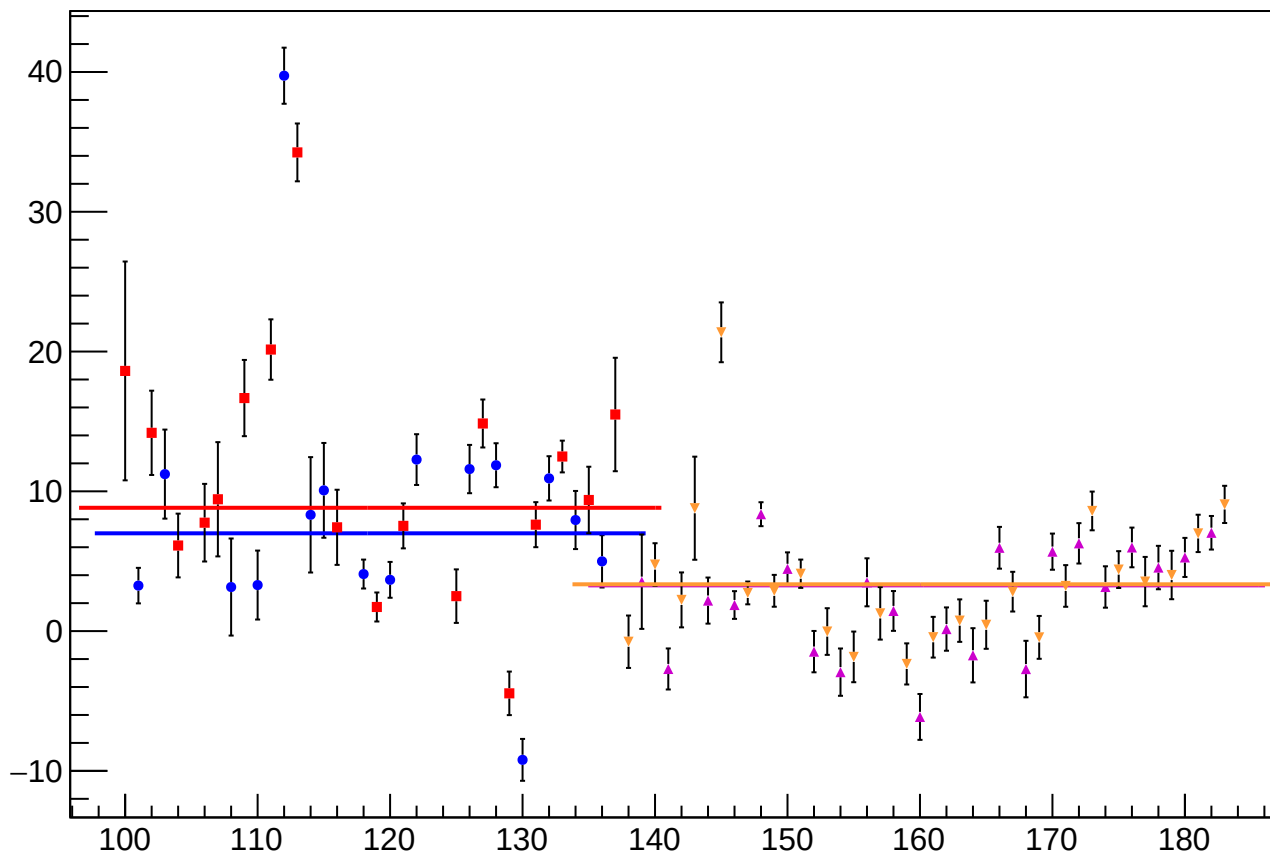
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -72.086 $\pm$ 0.387 χ^2 /NDF:857.5/21

Out: -72.667 $\pm$ 0.386 χ^2 /NDF:1172.2/23

All: -72.378 $\pm$ 0.273 χ^2 /NDF: 2030.8/45

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 3.348 ± 0.296 $\chi^2/\text{NDF}: 168.8/23$

Right Out: 8.822 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

Left In: 3.271 ± 0.301 $\chi^2/\text{NDF}: 160.5/21$

Left: 3.310 ± 0.211 $\chi^2/\text{NDF}: 329.3/45$

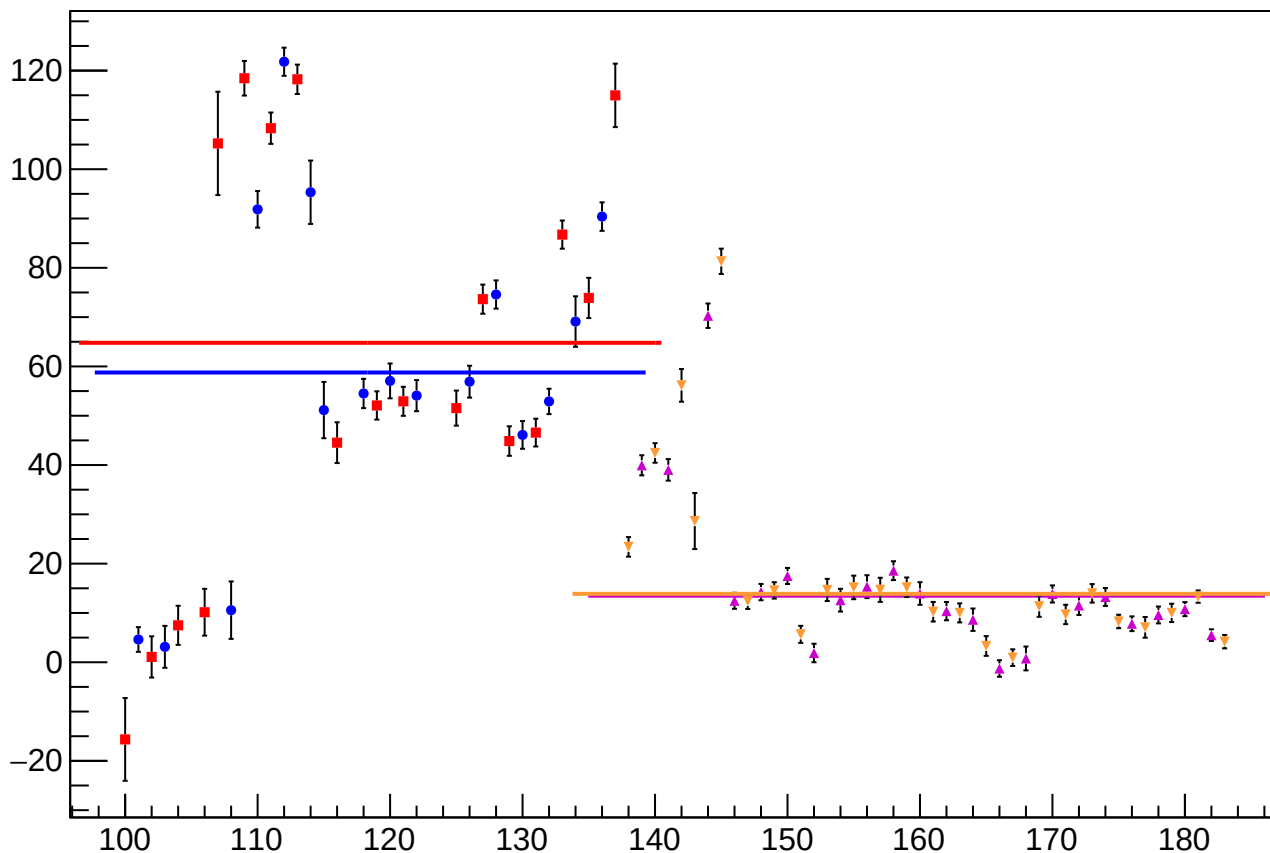
Right: 7.879 ± 0.312 $\chi^2/\text{NDF}: 804.3/33$

In: 4.479 ± 0.247 $\chi^2/\text{NDF}: 655.5/37$

Out: 5.008 ± 0.247 $\chi^2/\text{NDF}: 622.9/41$

All: 4.744 ± 0.175 $\chi^2/\text{NDF}: 1280.7/79$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 $\pm$ 0.833 χ^2 /NDF: 1493.3/15

Left Out: 13.875 $\pm$ 0.384 χ^2 /NDF:1295.9/23

Right Out: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

Left In: 13.500 $\pm$ 0.385 χ^2 /NDF:1064.7/21

Left: 13.687 $\pm$ 0.272 χ^2 /NDF: 2361.1/45

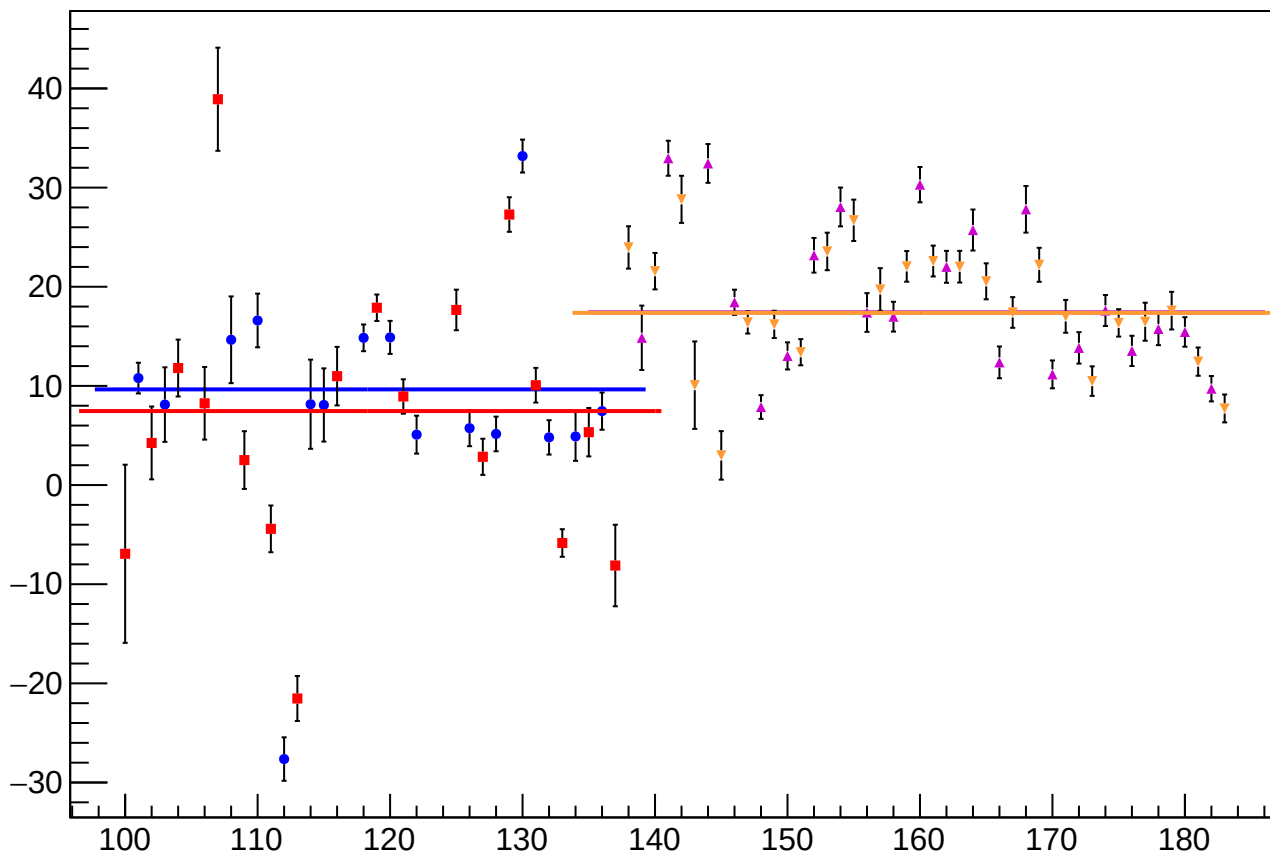
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 21.455 $\pm$ 0.349 χ^2 /NDF:4993.0/37

Out: 22.682 $\pm$ 0.350 χ^2 /NDF:6049.1/41

All: 22.068 $\pm$ 0.247 χ^2 /NDF: 11048.3/79

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 $\pm$ 0.502 χ^2 /NDF: 553.6/15

Left Out: 17.367 $\pm$ 0.339 χ^2 /NDF:238.8/23

Right Out: 7.463 $\pm$ 0.516 χ^2 /NDF: 566.9/17

Left In: 17.420 $\pm$ 0.343 χ^2 /NDF:428.8/21

Left: 17.393 $\pm$ 0.241 χ^2 /NDF: 667.6/45

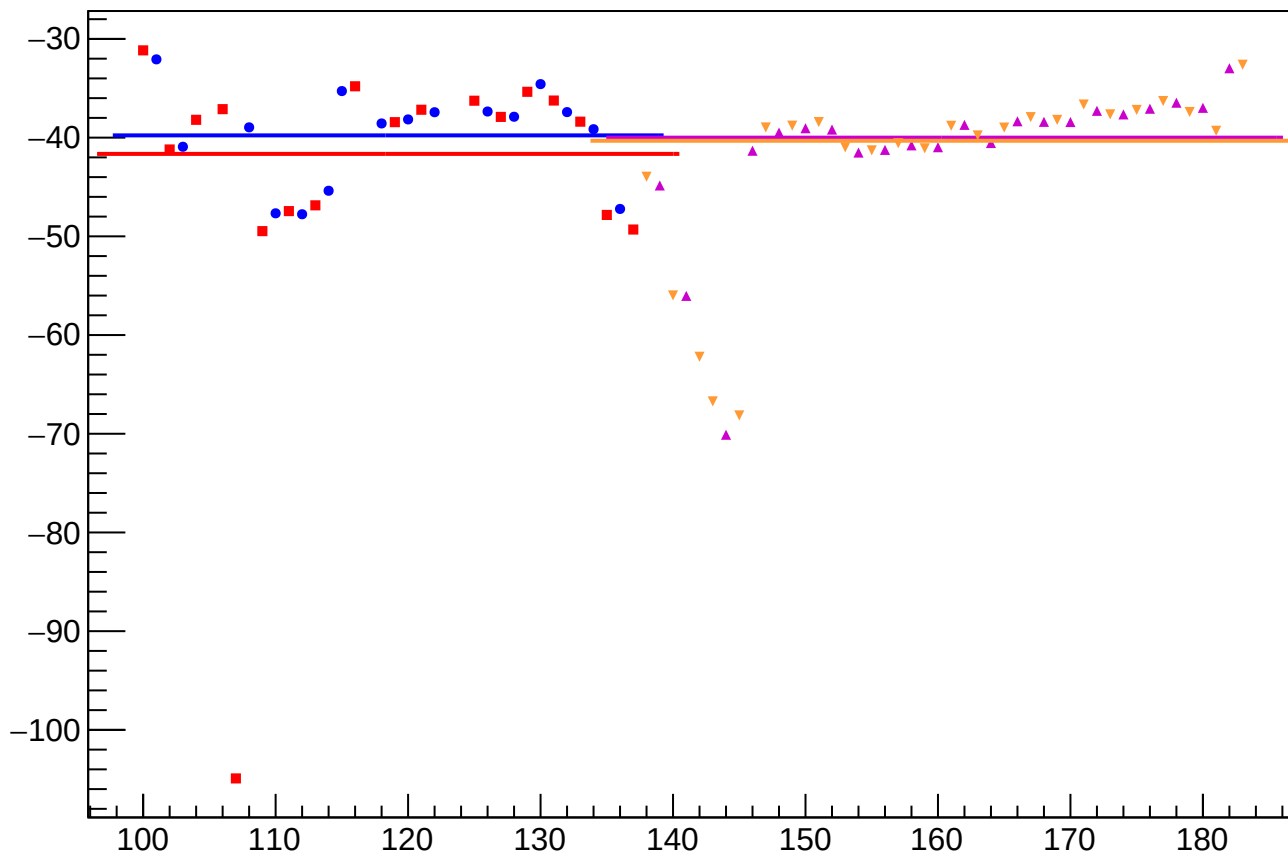
Right: 8.585 $\pm$ 0.360 χ^2 /NDF: 1129.6/33

In: 14.950 $\pm$ 0.283 χ^2 /NDF:1145.8/37

Out: 14.379 $\pm$ 0.283 χ^2 /NDF:1063.3/41

All: 14.665 $\pm$ 0.200 χ^2 /NDF: 2211.2/79

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Left: -40.158 ± 0.011 $\chi^2/\text{NDF}: 320885.0/45$

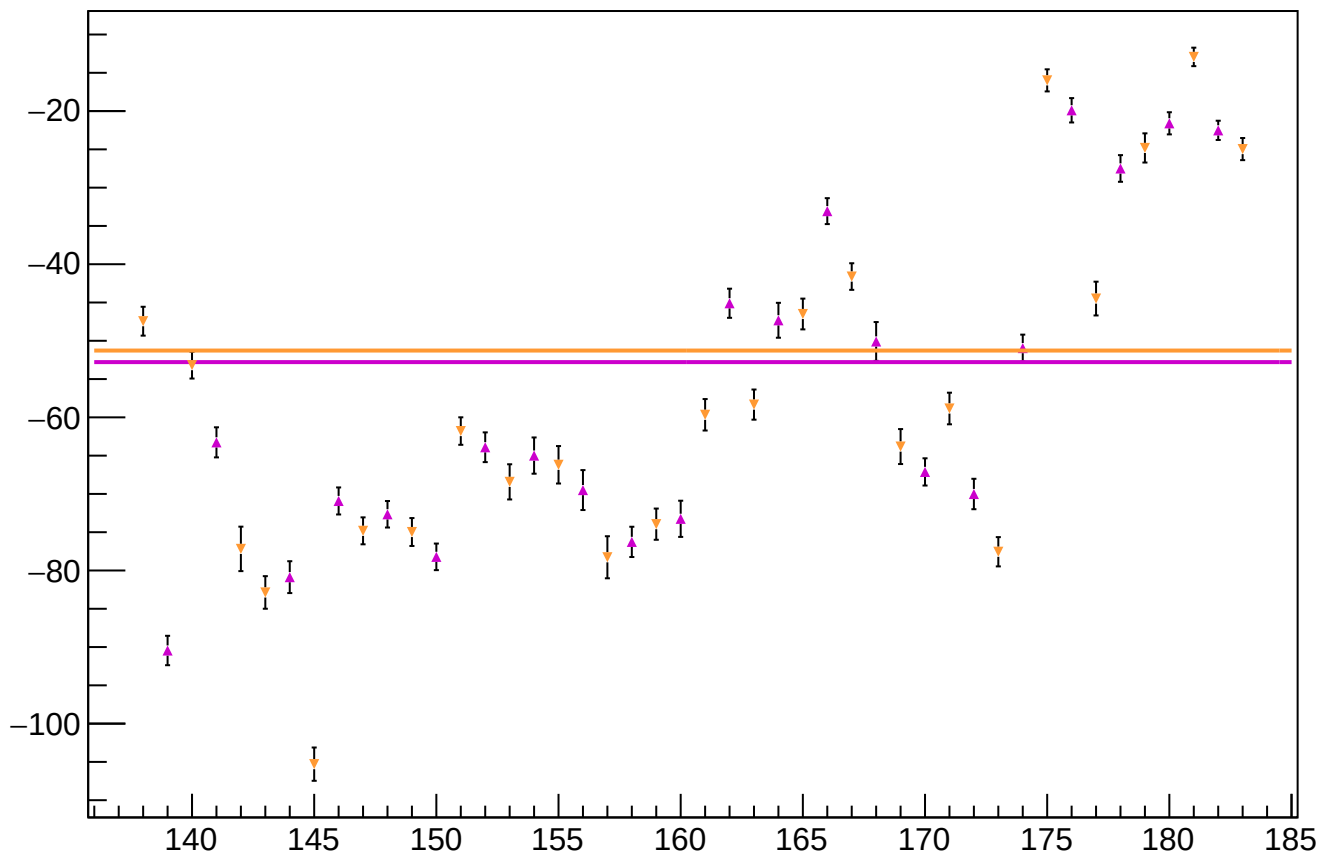
Right: -40.706 ± 0.022 $\chi^2/\text{NDF}: 122504.5/33$

In: -39.955 ± 0.014 $\chi^2/\text{NDF}: 166752.2/37$

Out: -40.590 ± 0.014 $\chi^2/\text{NDF}: 276120.2/41$

All: -40.271 ± 0.010 $\chi^2/\text{NDF}: 443882.4/79$

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -51.275+/-0.386 χ^2/NDF : 4059.7/23

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

Left In: -52.785+/-0.393 χ^2/NDF : 3347.4/21

Left: -52.016+/-0.275 χ^2/NDF : 7414.6/45

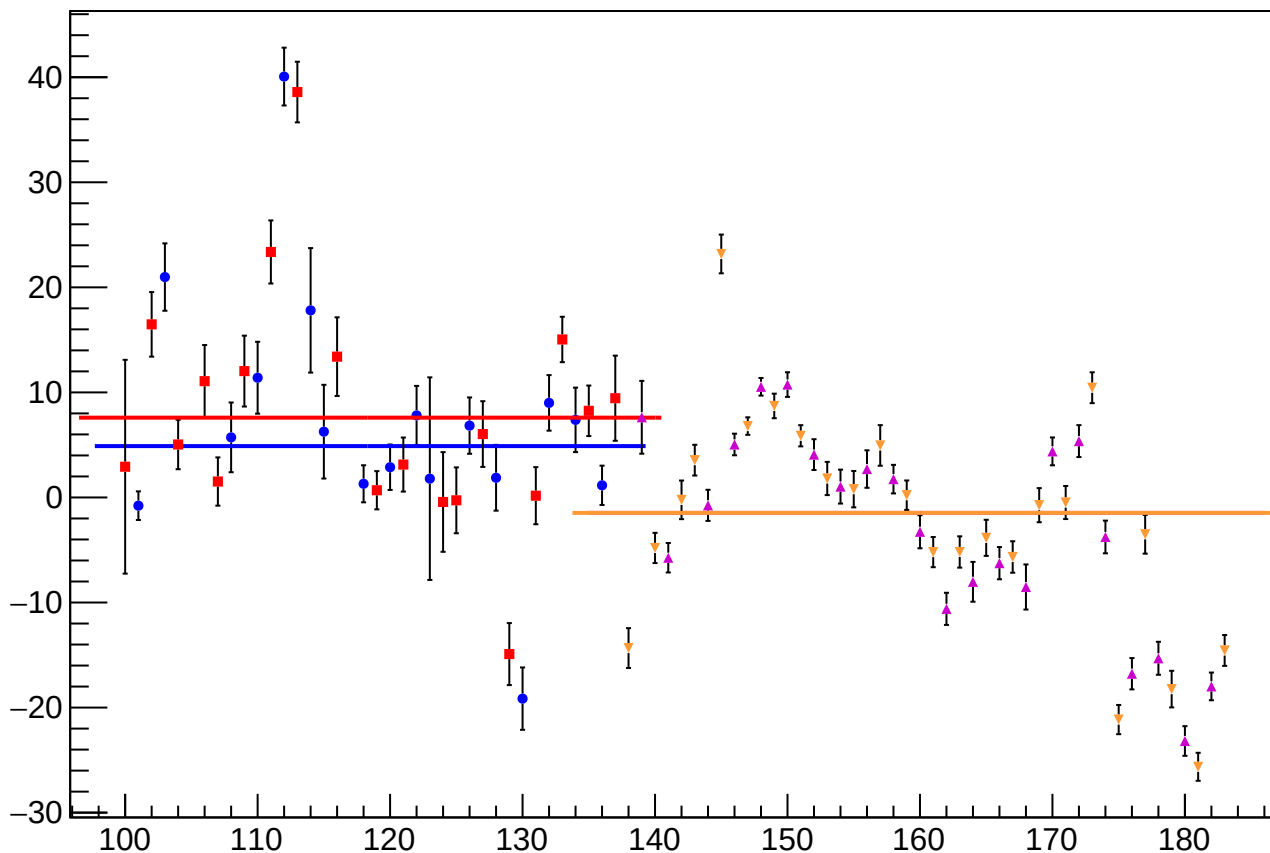
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -52.785+/-0.393 χ^2/NDF : 3347.4/21

Out: -51.275+/-0.386 χ^2/NDF : 4059.7/23

All: -52.016+/-0.275 χ^2/NDF : 7414.6/45

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: -1.469 ± 0.293 χ^2/NDF : 1279.0/23

Right Out: 7.596 ± 0.651 χ^2/NDF : 269.4/18

Left In: -1.469 ± 0.302 χ^2/NDF : 1085.8/21

Left: -1.469 ± 0.211 χ^2/NDF : 2364.8/45

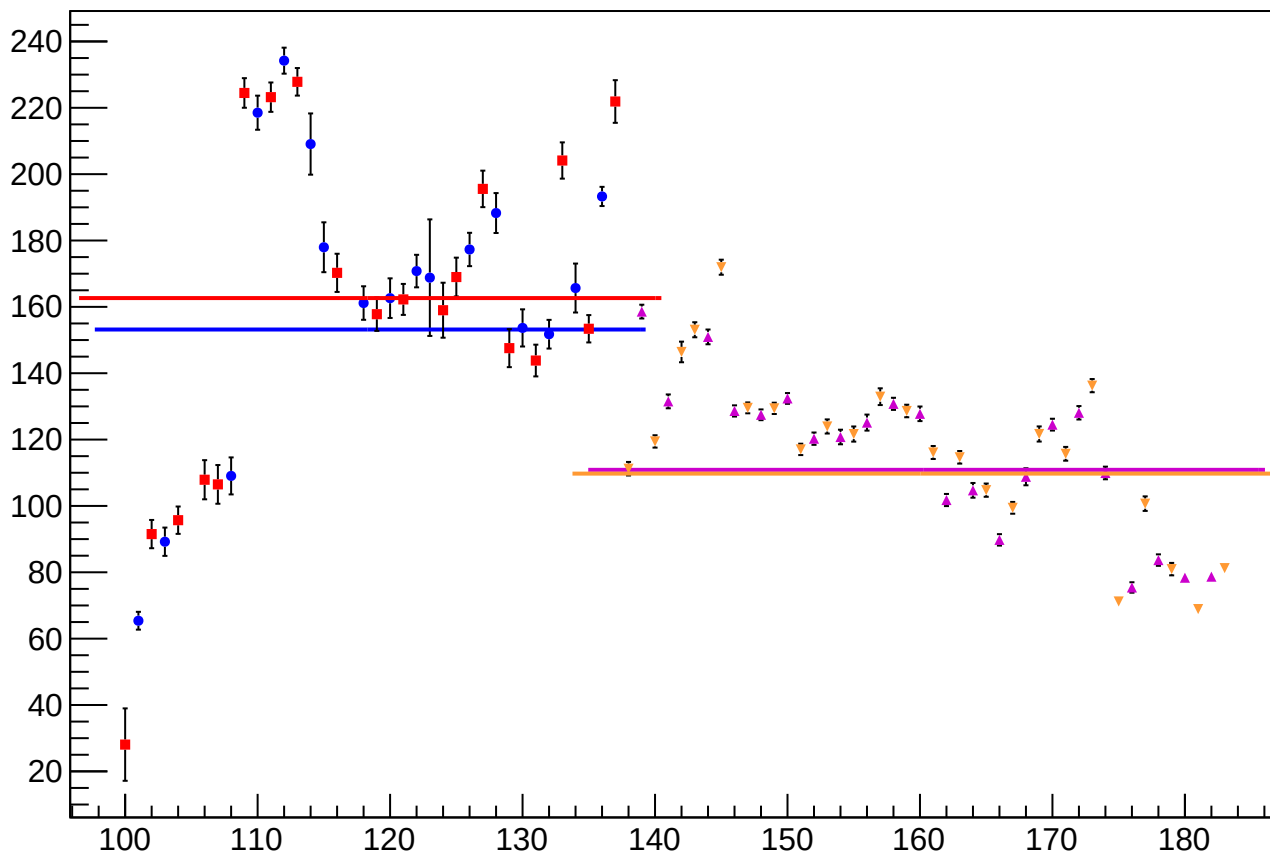
Right: 6.180 ± 0.450 χ^2/NDF : 573.2/35

In: -0.255 ± 0.272 χ^2/NDF : 1465.0/38

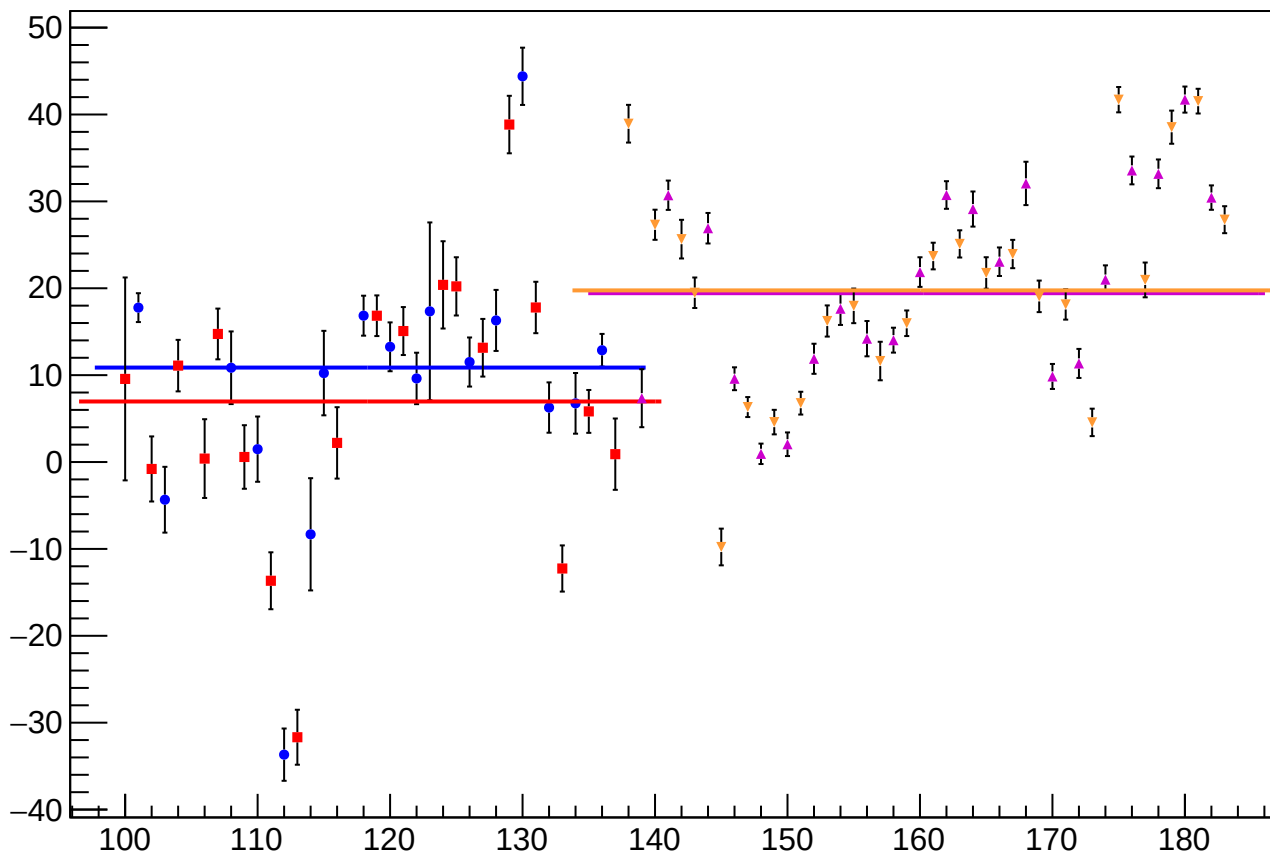
Out: 0.062 ± 0.267 χ^2/NDF : 1709.6/42

All: -0.094 ± 0.191 χ^2/NDF : 3175.3/81

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2 /NDF: 386.7/16

Left Out: 19.754 $\pm$ 0.337 χ^2 /NDF:1379.3/23

Right Out: 6.969 $\pm$ 0.748 χ^2 /NDF: 422.3/18

Left In: 19.434 $\pm$ 0.345 χ^2 /NDF:1187.6/21

Left: 19.598 $\pm$ 0.241 χ^2 /NDF: 2567.3/45

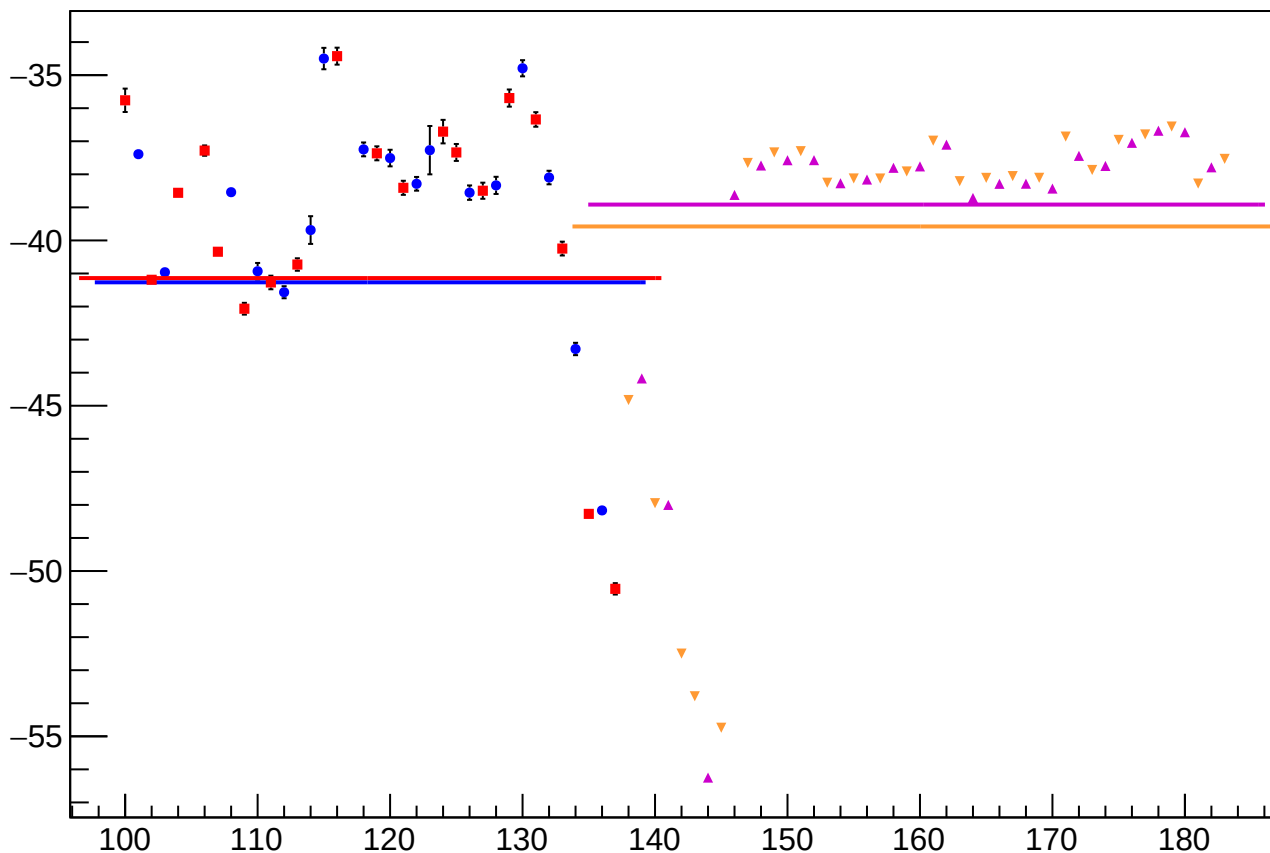
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 17.814 $\pm$ 0.311 χ^2 /NDF:1690.7/38

Out: 17.596 $\pm$ 0.307 χ^2 /NDF:2044.8/42

All: 17.703 $\pm$ 0.218 χ^2 /NDF: 3735.7/81

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 $\pm$ 0.039 χ^2/NDF : 12581.8/16

Left Out: -39.577 $\pm$ 0.016 χ^2/NDF : 91761.9/23

Right Out: -41.139 $\pm$ 0.039 χ^2/NDF : 12242.4/18

Left In: -38.915 $\pm$ 0.016 χ^2/NDF : 54263.6/21

Left: -39.249 $\pm$ 0.011 χ^2/NDF : 146888.7/45

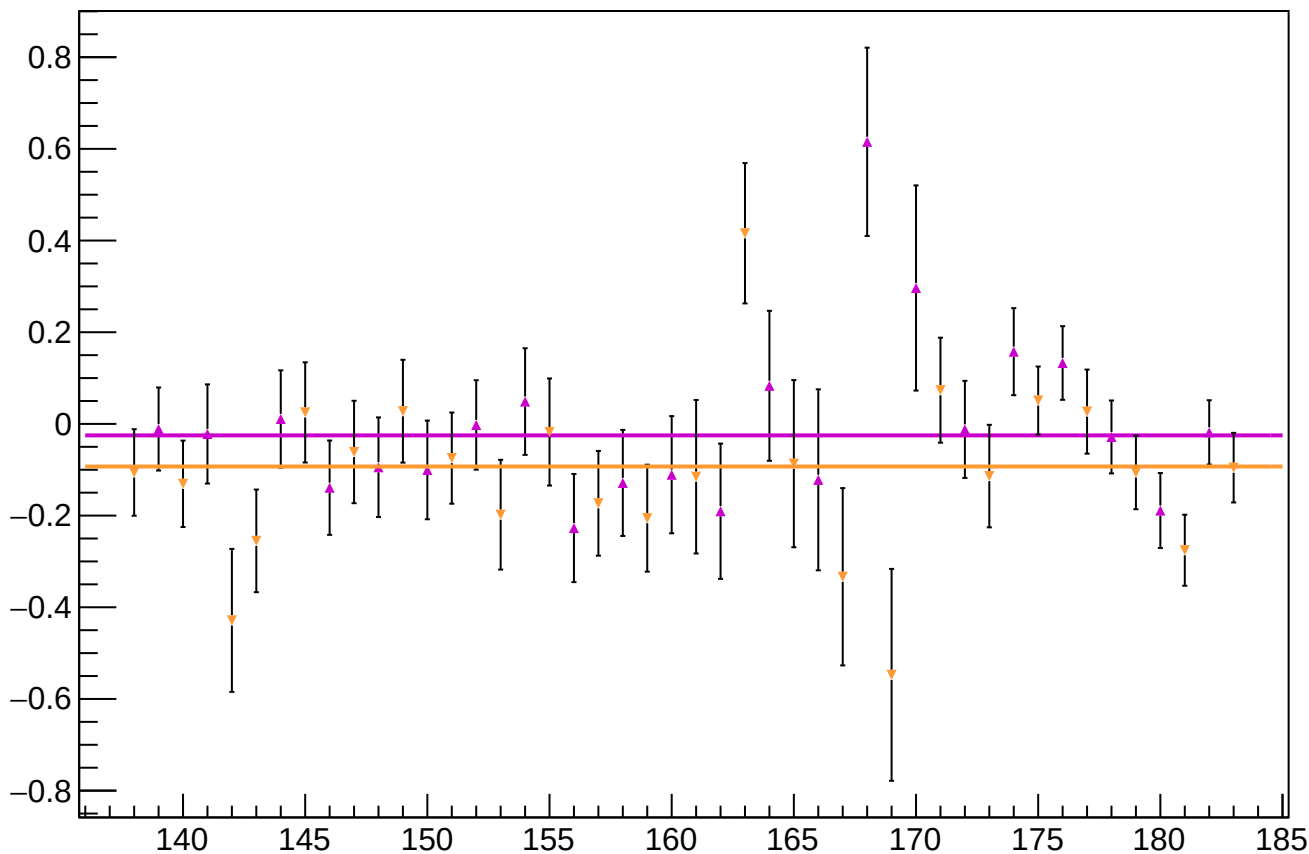
Right: -41.203 $\pm$ 0.027 χ^2/NDF : 24829.7/35

In: -39.261 $\pm$ 0.015 χ^2/NDF : 70024.5/38

Out: -39.804 $\pm$ 0.015 χ^2/NDF : 105402.8/42

All: -39.534 $\pm$ 0.010 χ^2/NDF : 176106.0/81

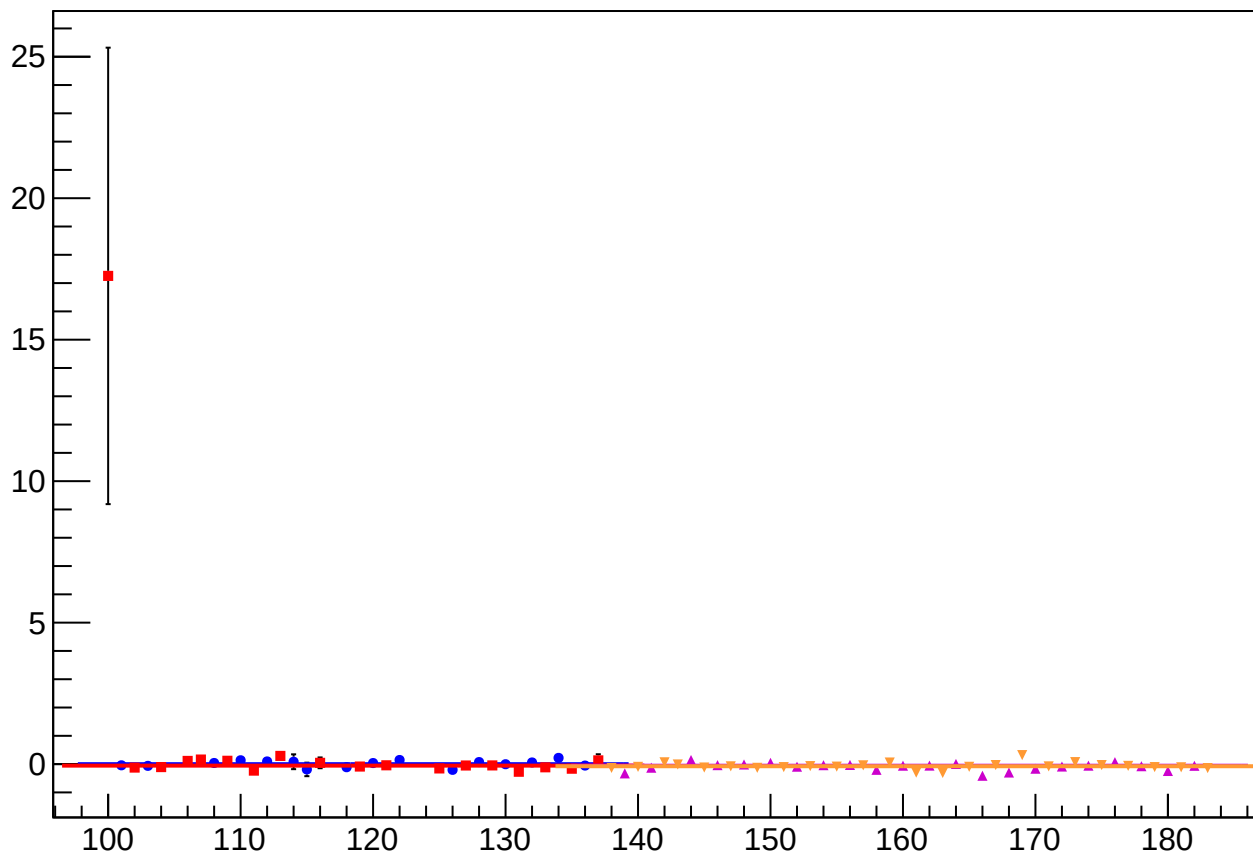
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.093 $\pm$ 0.022 χ^2 /NDF:41.7/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.025 $\pm$ 0.023 χ^2 /NDF:32.2/21

Left: -0.060 $\pm$ 0.016 χ^2 /NDF: 78.6/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.025 $\pm$ 0.023 χ^2 /NDF:32.2/21
 Out: -0.093 $\pm$ 0.022 χ^2 /NDF:41.7/23
 All: -0.060 $\pm$ 0.016 χ^2 /NDF: 78.6/45

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.075 ± 0.017 χ^2/NDF : 24.8/23

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.057 ± 0.018 χ^2/NDF : 31.7/21

Left: -0.066 ± 0.012 χ^2/NDF : 57.1/45

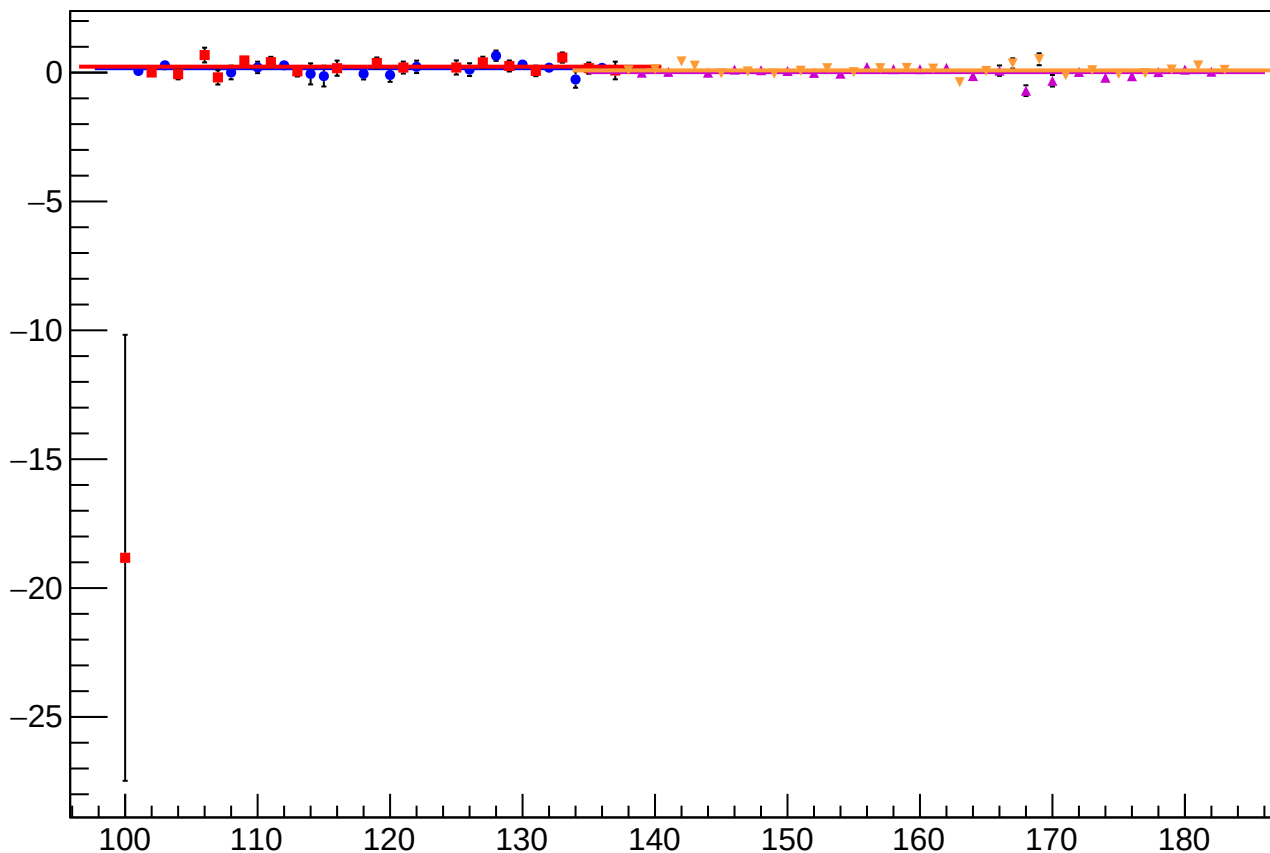
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.041 ± 0.015 χ^2/NDF : 46.5/37

Out: -0.069 ± 0.015 χ^2/NDF : 50.8/41

All: -0.056 ± 0.010 χ^2/NDF : 99.1/79

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 $\pm$ 0.052 χ^2 /NDF: 13.0/15

Left Out: 0.086 $\pm$ 0.022 χ^2 /NDF:40.5/23

Right Out: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

Left In: 0.018 $\pm$ 0.022 χ^2 /NDF:34.2/21

Left: 0.053 $\pm$ 0.016 χ^2 /NDF: 79.4/45

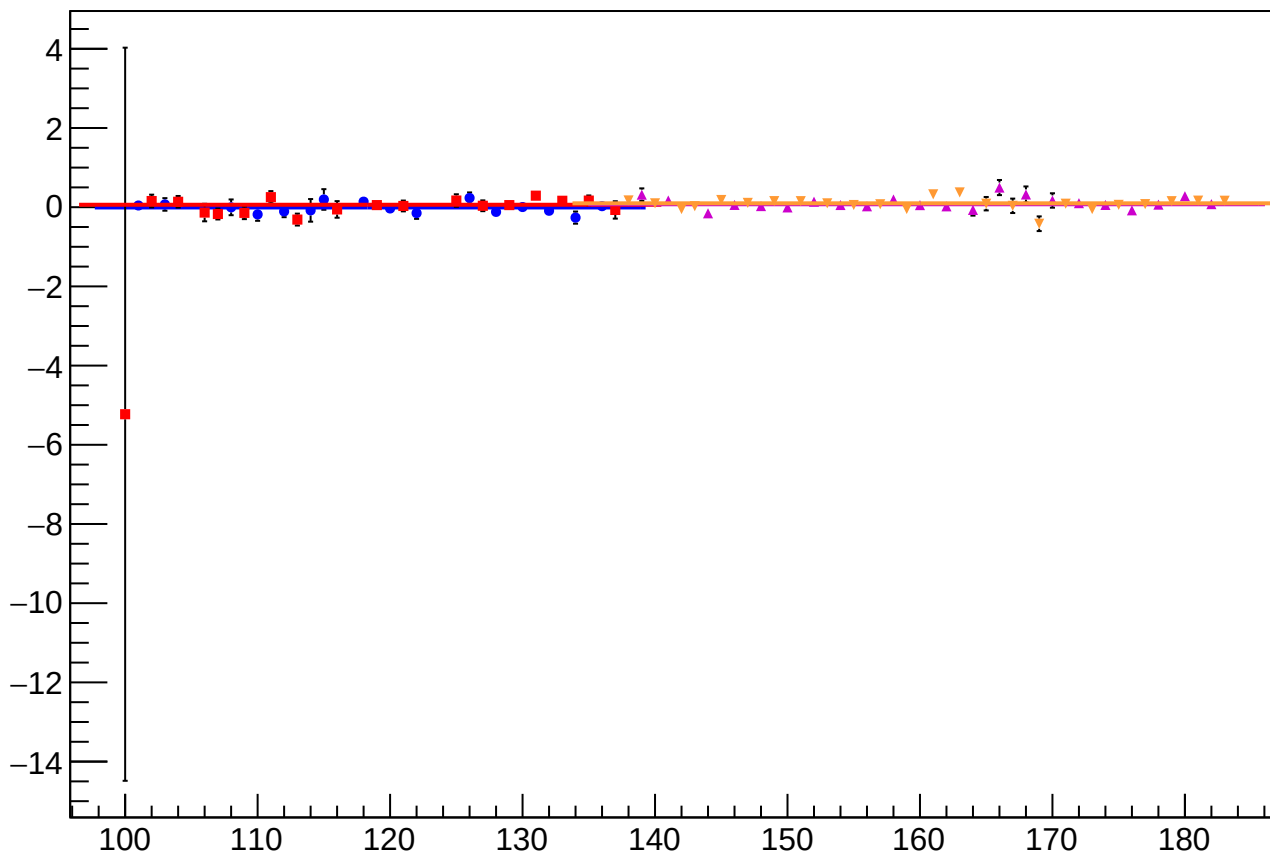
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.041 $\pm$ 0.021 χ^2 /NDF:54.3/37

Out: 0.106 $\pm$ 0.020 χ^2 /NDF:68.3/41

All: 0.074 $\pm$ 0.014 χ^2 /NDF: 127.6/79

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.098 ± 0.019 χ^2/NDF : 27.9/23

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.3/17

Left In: 0.074 ± 0.020 χ^2/NDF : 31.4/21

Left: 0.086 ± 0.014 χ^2/NDF : 60.0/45

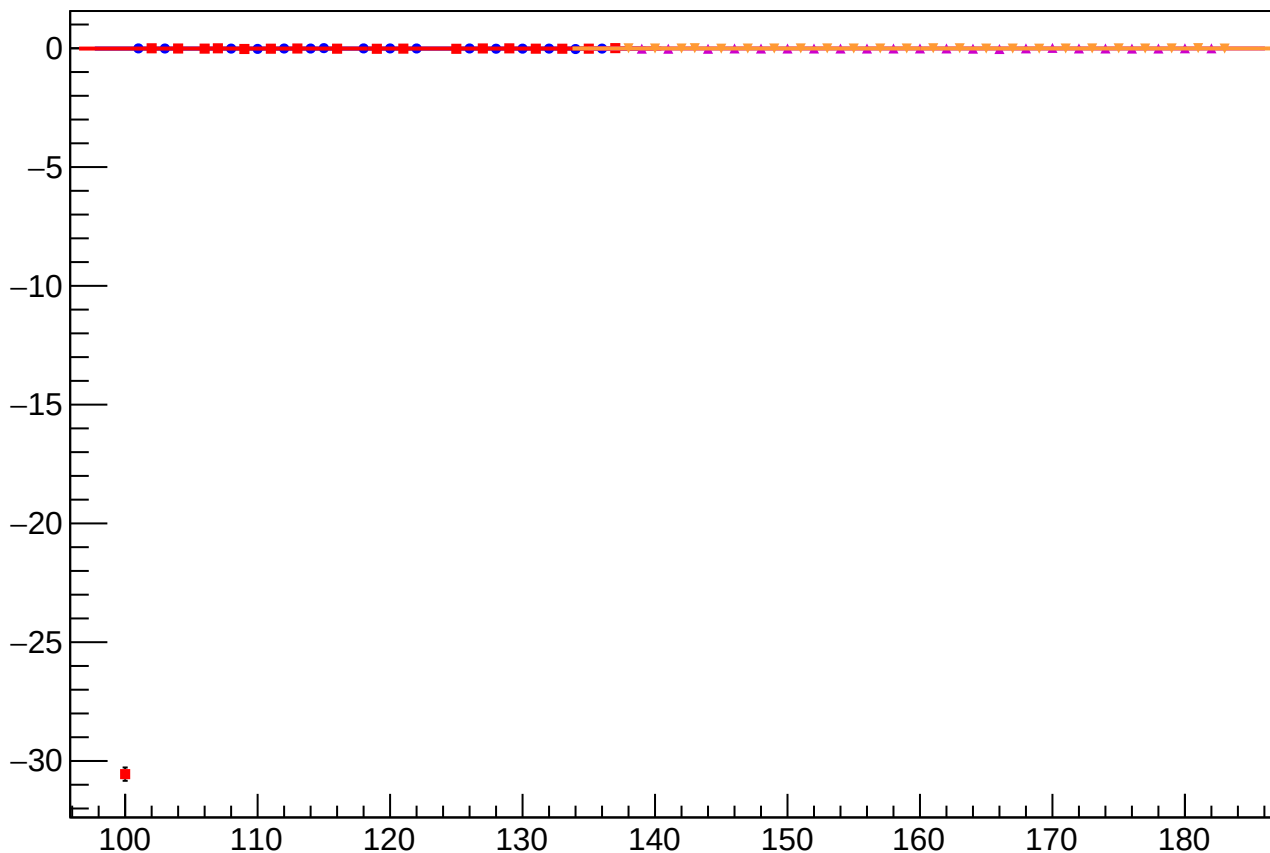
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.052 ± 0.017 χ^2/NDF : 49.1/37

Out: 0.089 ± 0.017 χ^2/NDF : 49.0/41

All: 0.071 ± 0.012 χ^2/NDF : 100.5/79

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.007 ± 0.001 χ^2/NDF : 30.8/23

Right Out: -0.012 ± 0.002 χ^2/NDF : 11890.6/17

Left In: -0.009 ± 0.001 χ^2/NDF : 42.0/21

Left: -0.008 ± 0.001 χ^2/NDF : 74.2/45

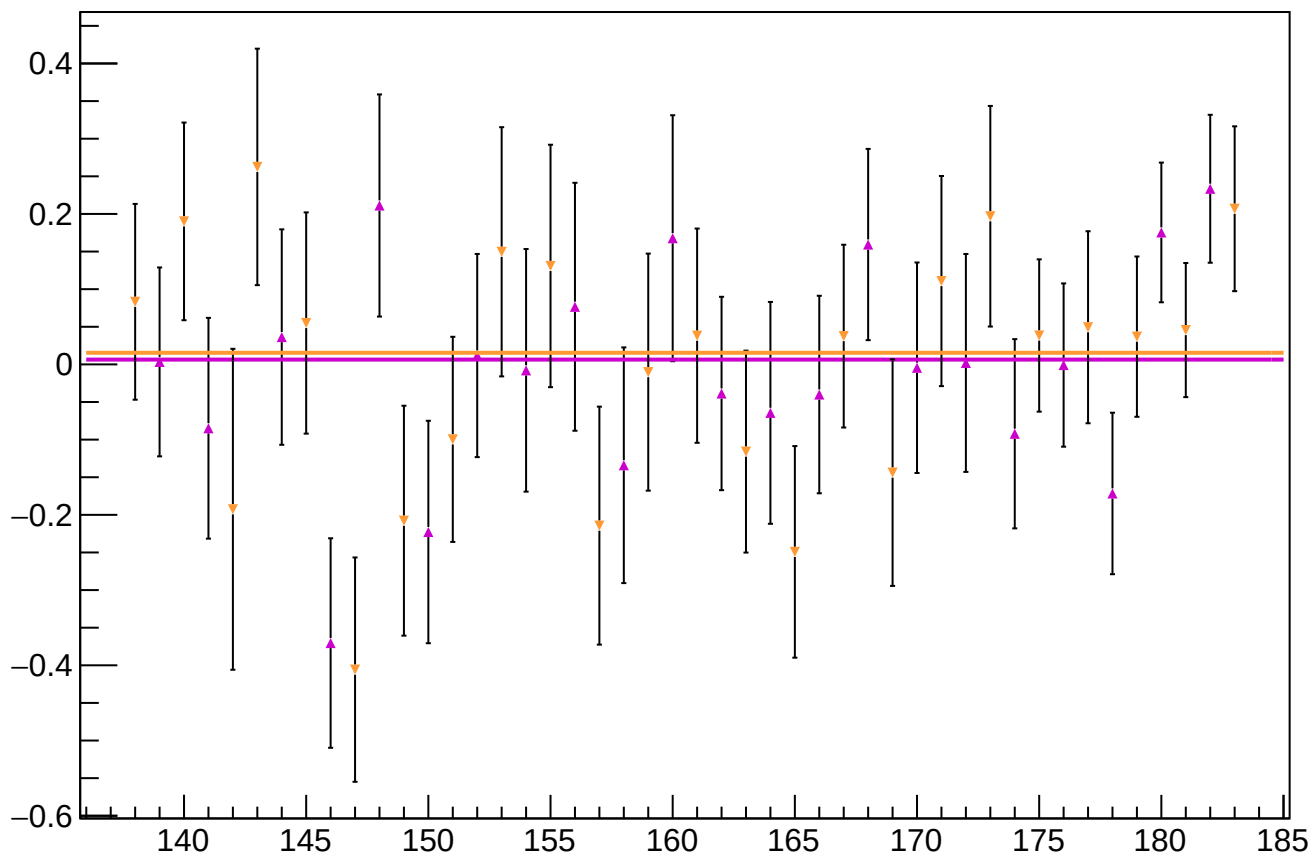
Right: -0.012 ± 0.001 χ^2/NDF : 11903.4/33

In: -0.009 ± 0.001 χ^2/NDF : 57.1/37

Out: -0.008 ± 0.001 χ^2/NDF : 11926.7/41

All: -0.009 ± 0.001 χ^2/NDF : 11984.8/79

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: 0.015 $\pm$ 0.027 χ^2 /NDF:30.7/23

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

Left In: 0.006 $\pm$ 0.028 χ^2 /NDF:28.0/21

Left: 0.011 $\pm$ 0.019 χ^2 /NDF: 58.7/45

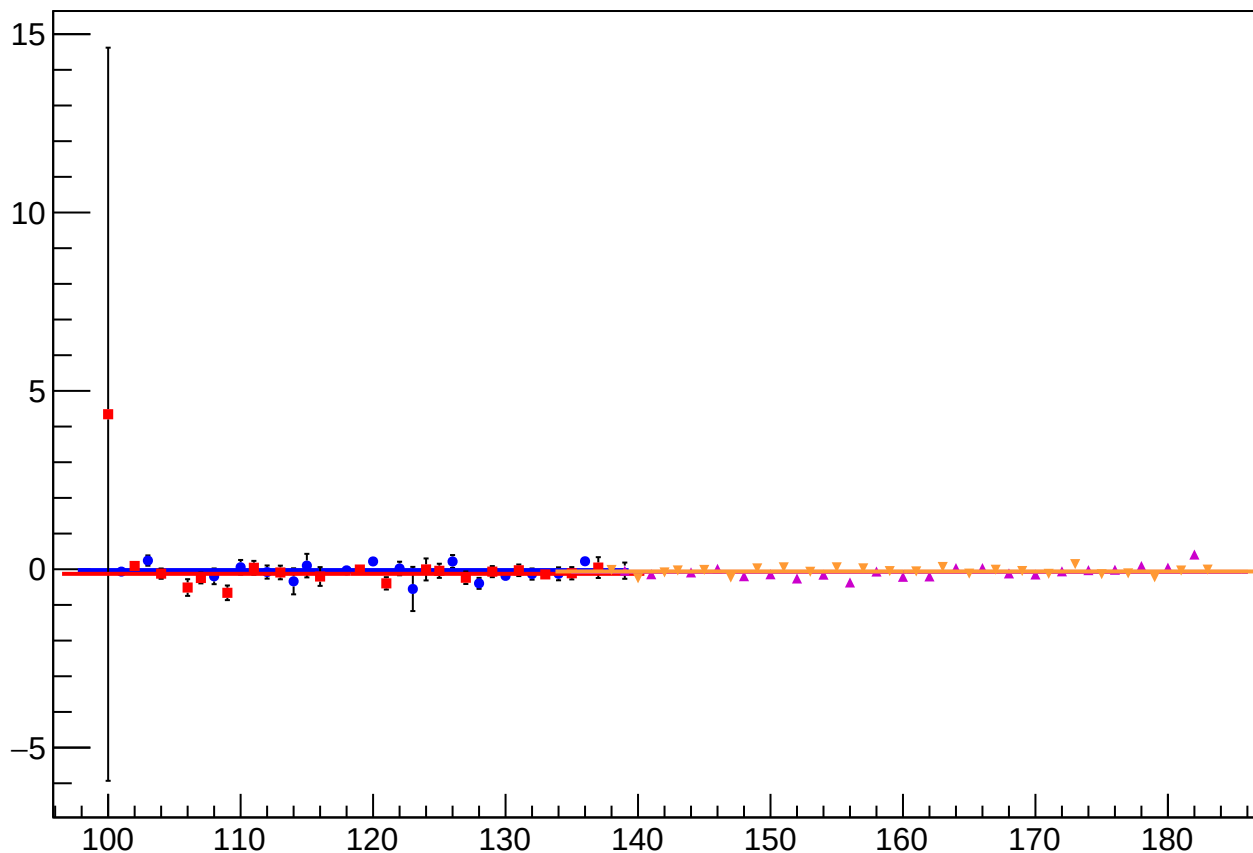
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.006 $\pm$ 0.028 χ^2 /NDF:28.0/21

Out: 0.015 $\pm$ 0.027 χ^2 /NDF:30.7/23

All: 0.011 $\pm$ 0.019 χ^2 /NDF: 58.7/45

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.062 ± 0.021 χ^2/NDF : 23.5/23

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.8/18

Left In: -0.075 ± 0.022 χ^2/NDF : 47.7/21

Left: -0.068 ± 0.015 χ^2/NDF : 71.4/45

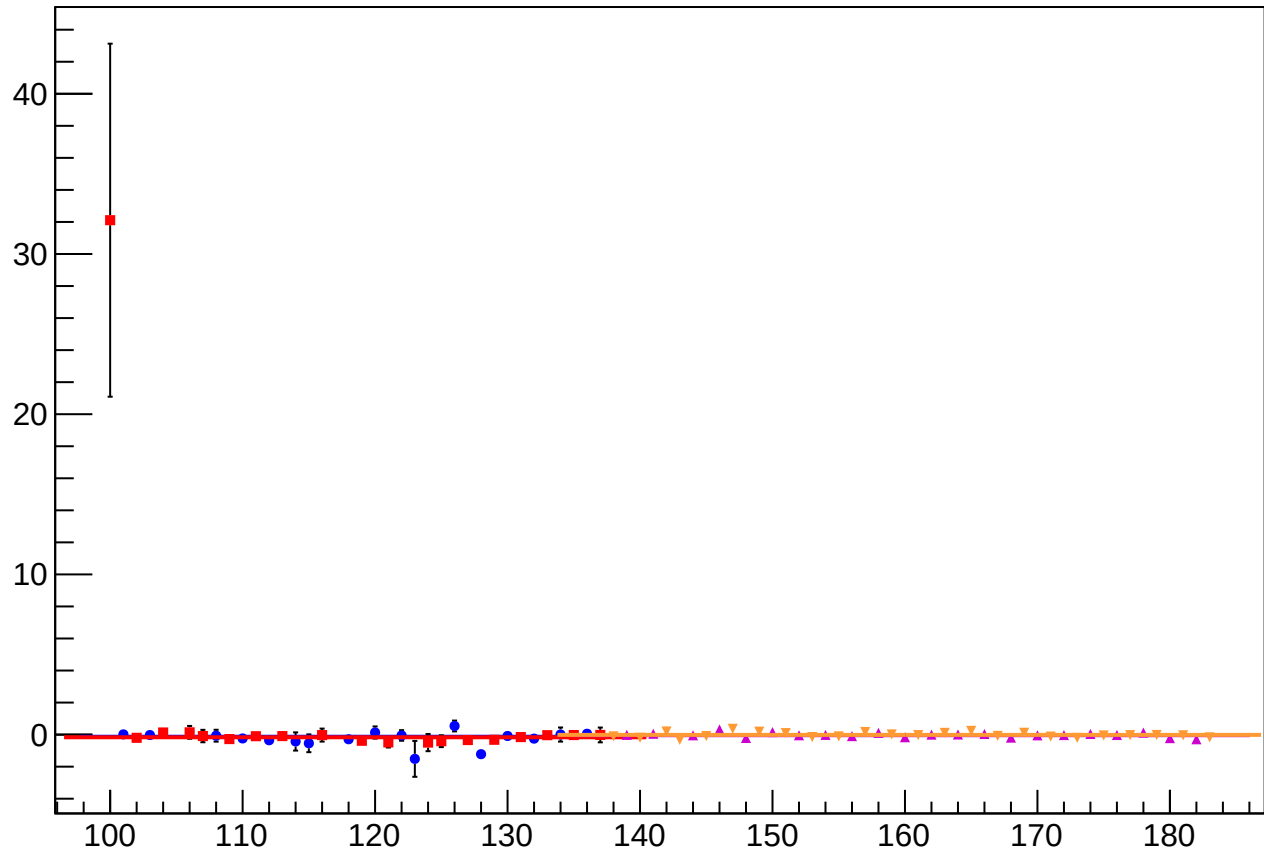
Right: -0.072 ± 0.027 χ^2/NDF : 45.1/35

In: -0.061 ± 0.019 χ^2/NDF : 71.6/38

Out: -0.077 ± 0.019 χ^2/NDF : 44.5/42

All: -0.069 ± 0.013 χ^2/NDF : 116.5/81

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: -0.017 ± 0.027 χ^2/NDF : 28.8/23

Right Out: -0.166 ± 0.071 χ^2/NDF : 14.7/18

Left In: -0.037 ± 0.028 χ^2/NDF : 27.6/21

Left: -0.026 ± 0.019 χ^2/NDF : 56.6/45

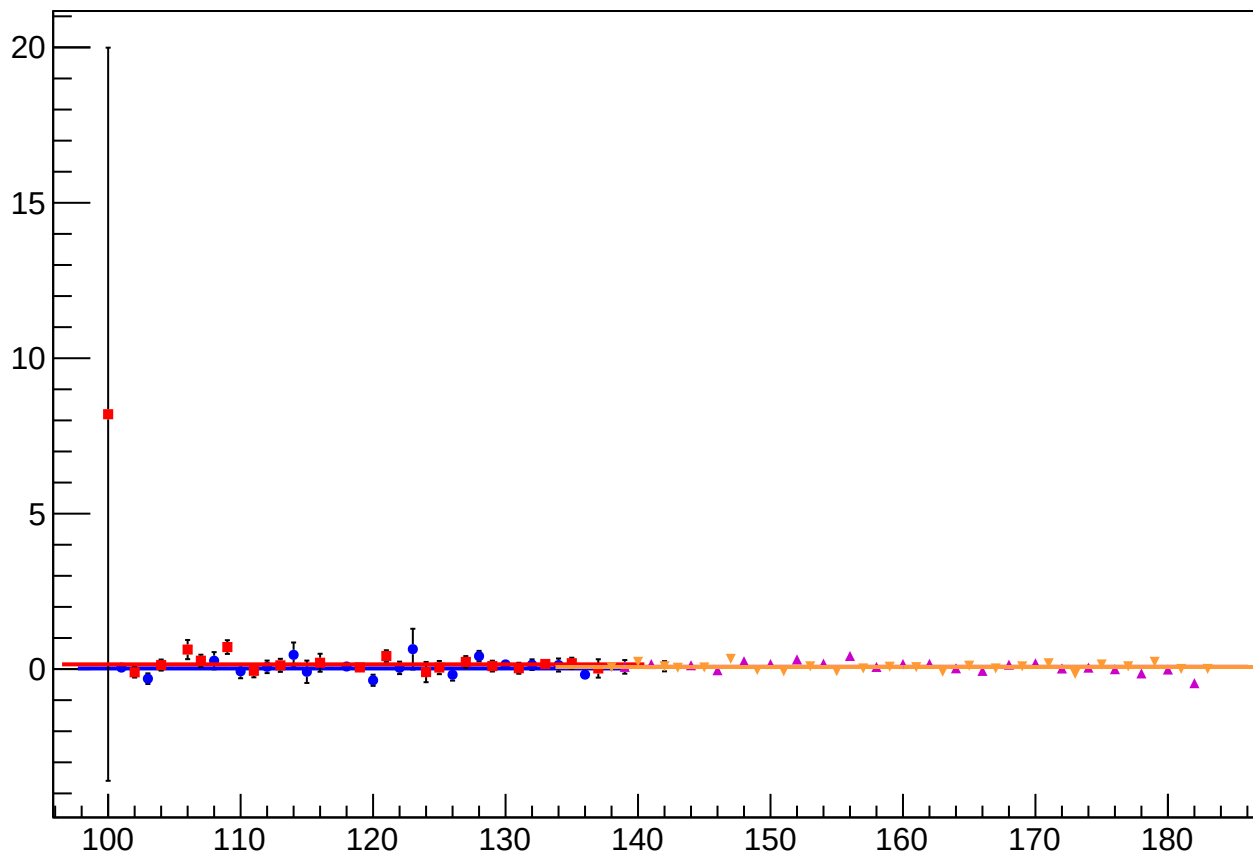
Right: -0.149 ± 0.049 χ^2/NDF : 40.6/35

In: -0.051 ± 0.026 χ^2/NDF : 55.1/38

Out: -0.036 ± 0.025 χ^2/NDF : 47.4/42

All: -0.043 ± 0.018 χ^2/NDF : 102.6/81

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020+/-0.042 χ^2/NDF : 21.8/16

Left Out: 0.067+/-0.024 χ^2/NDF :23.1/23

Right Out: 0.152+/-0.045 χ^2/NDF : 17.3/18

Left In: 0.073+/-0.025 χ^2/NDF :50.0/21

Left: 0.070+/-0.017 χ^2/NDF : 73.1/45

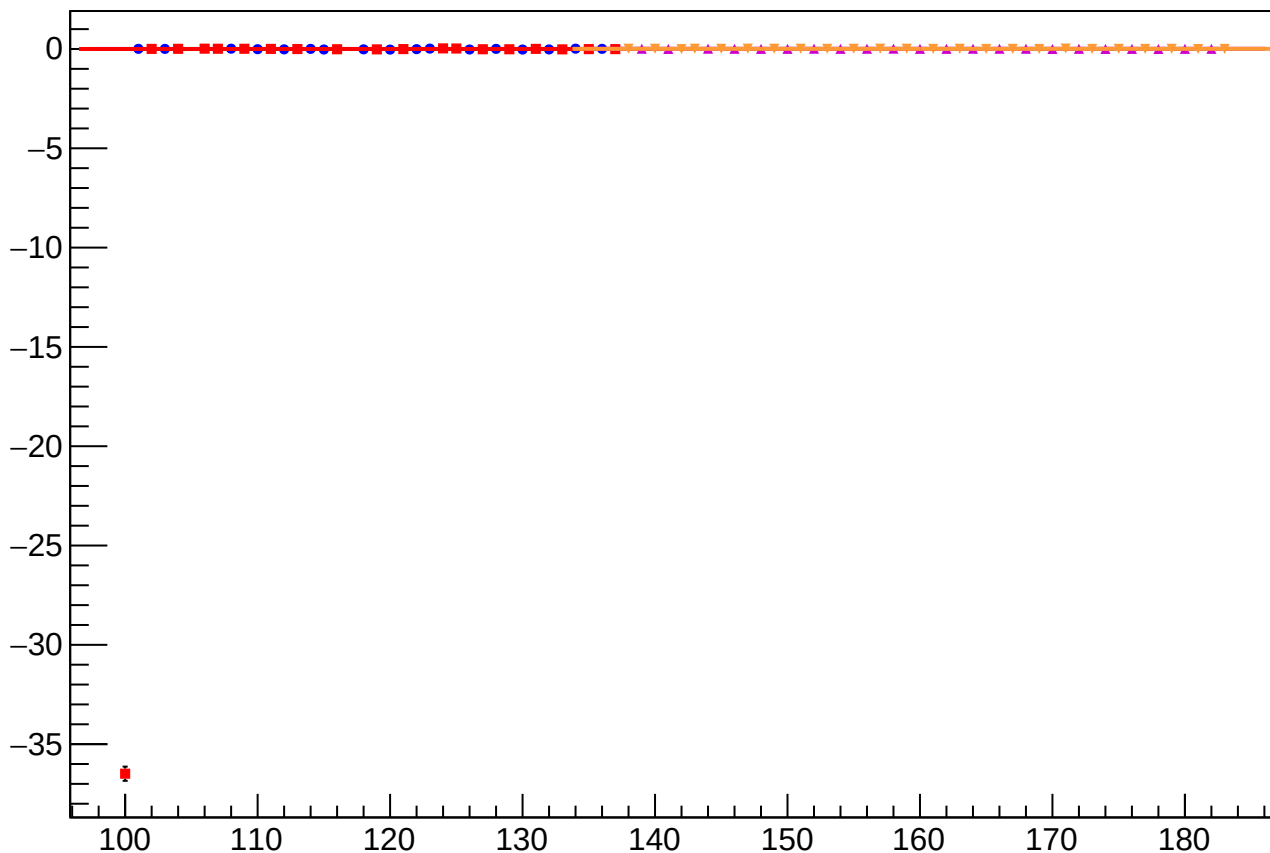
Right: 0.081+/-0.031 χ^2/NDF : 43.6/35

In: 0.059+/-0.021 χ^2/NDF :73.0/38

Out: 0.086+/-0.021 χ^2/NDF :43.1/42

All: 0.073+/-0.015 χ^2/NDF : 116.8/81

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.008 $\pm$ 0.001 χ^2 /NDF: 26.0/23

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.009 $\pm$ 0.001 χ^2 /NDF: 15.2/21

Left: 0.009 $\pm$ 0.001 χ^2 /NDF: 41.6/45

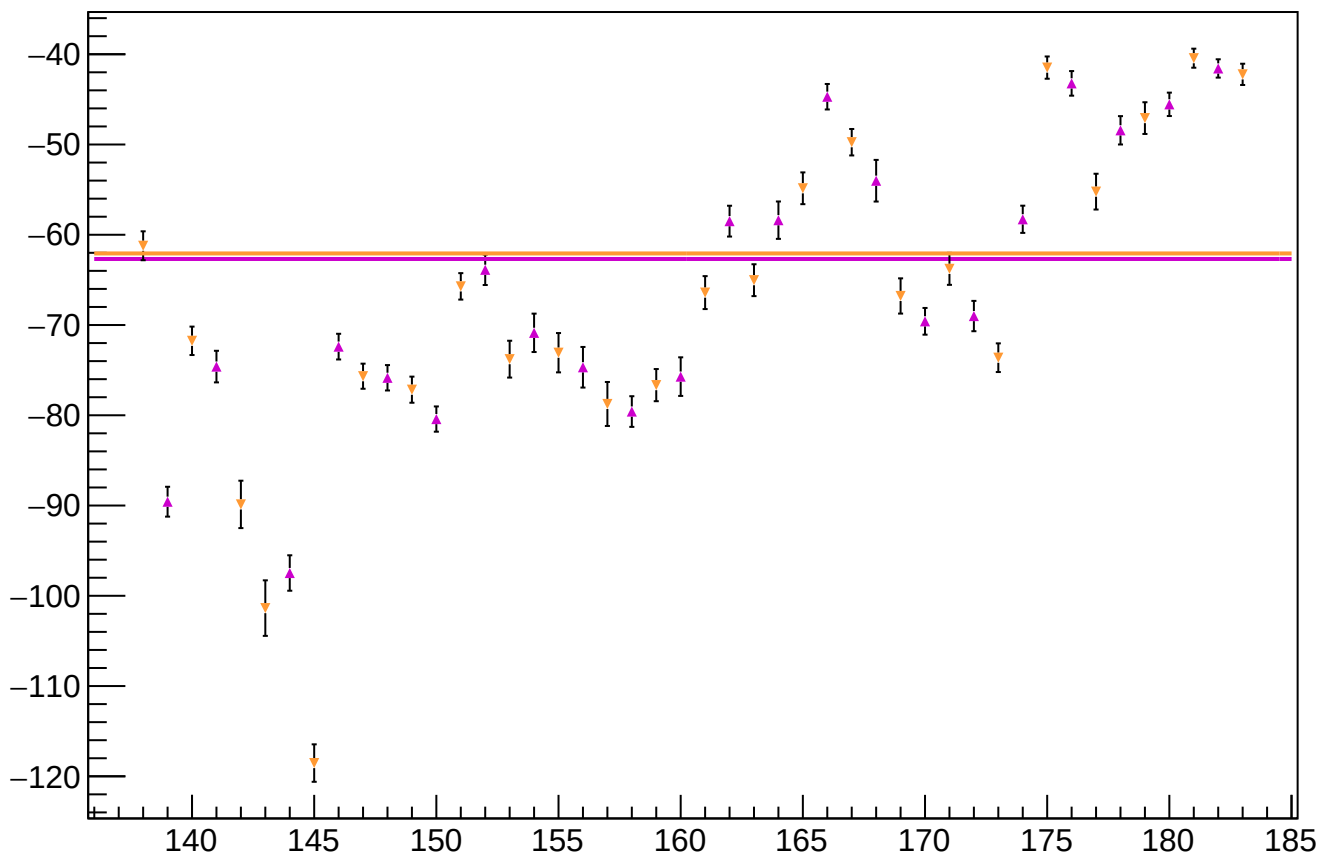
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.008 $\pm$ 0.001 χ^2 /NDF: 58.0/38

Out: 0.007 $\pm$ 0.001 χ^2 /NDF: 10484.0/42

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 10542.2/81

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: -62.070+/-0.335 χ^2/NDF :2660.1/23

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

Left In: -62.685+/-0.337 χ^2/NDF :2223.0/21

Left: -62.376+/-0.237 χ^2/NDF : 4884.8/45

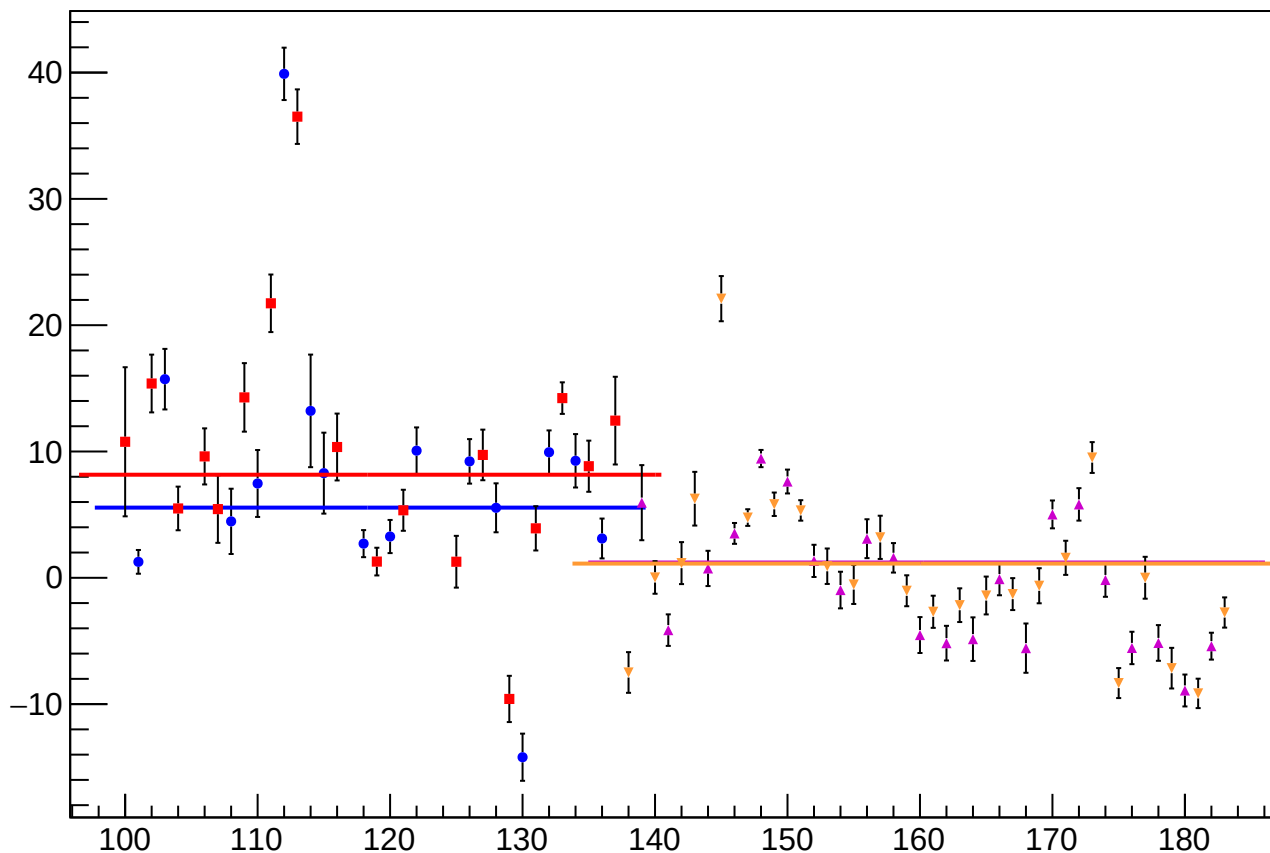
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -62.685+/-0.337 χ^2/NDF :2223.0/21

Out: -62.070+/-0.335 χ^2/NDF :2660.1/23

All: -62.376+/-0.237 χ^2/NDF : 4884.8/45

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 $\pm$ 0.424 χ^2 /NDF: 462.0/15

Left Out: 1.125 $\pm$ 0.252 χ^2 /NDF: 511.1/23

Right Out: 8.162 $\pm$ 0.453 χ^2 /NDF: 407.0/17

Left In: 1.212 $\pm$ 0.257 χ^2 /NDF: 465.0/21

Left: 1.168 $\pm$ 0.180 χ^2 /NDF: 976.2/45

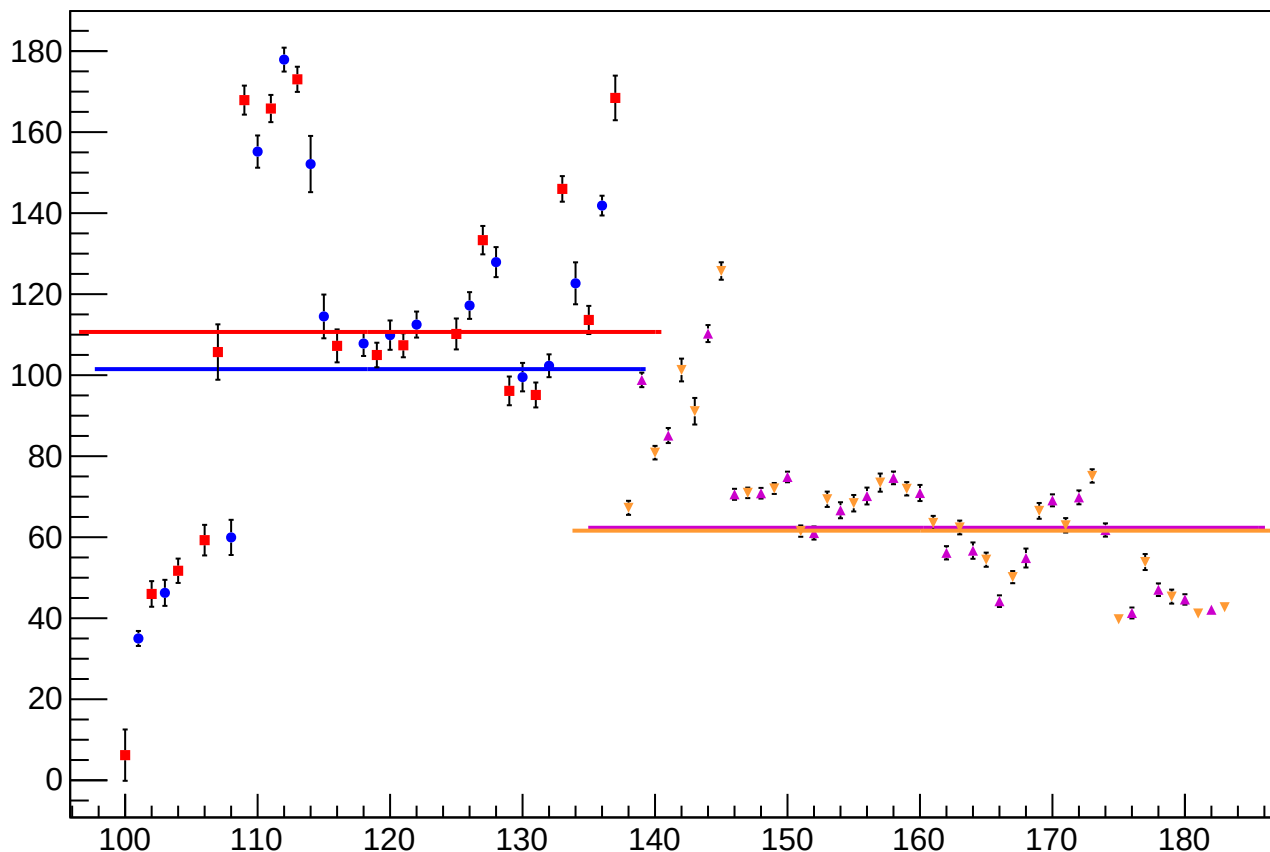
Right: 6.774 $\pm$ 0.310 χ^2 /NDF: 886.6/33

In: 2.381 $\pm$ 0.220 χ^2 /NDF: 1003.7/37

Out: 2.793 $\pm$ 0.221 χ^2 /NDF: 1102.2/41

All: 2.587 $\pm$ 0.156 χ^2 /NDF: 2107.6/79

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2 /NDF: 2973.0/15

Left Out: 61.617 $\pm$ 0.333 χ^2 /NDF: 2670.3/23

Right Out: 110.670 $\pm$ 0.836 χ^2 /NDF: 2513.7/17

Left In: 62.332 $\pm$ 0.334 χ^2 /NDF: 2483.1/21

Left: 61.974 $\pm$ 0.236 χ^2 /NDF: 5155.7/45

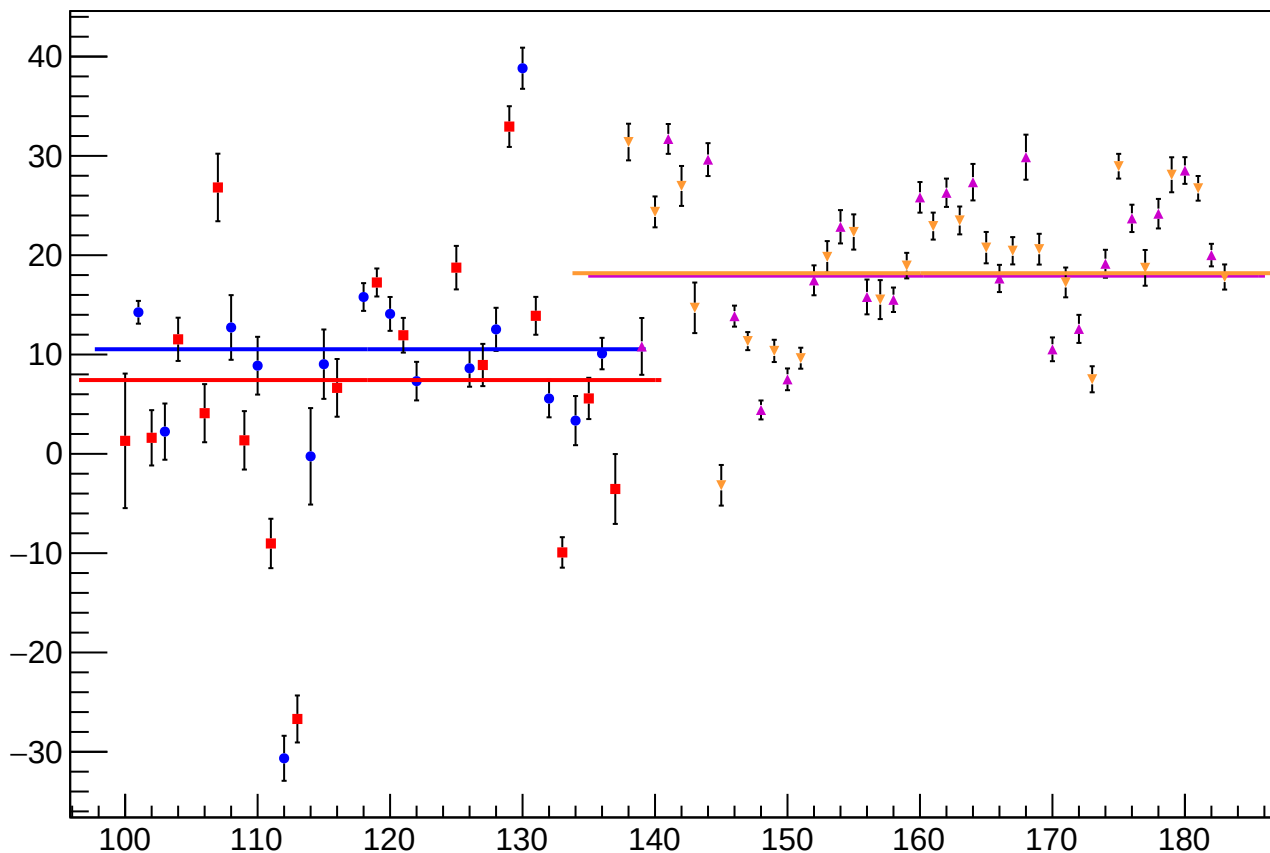
Right: 105.929 $\pm$ 0.581 χ^2 /NDF: 5549.0/33

In: 68.042 $\pm$ 0.309 χ^2 /NDF: 7461.6/37

Out: 68.348 $\pm$ 0.310 χ^2 /NDF: 8155.5/41

All: 68.195 $\pm$ 0.219 χ^2 /NDF: 15617.6/79

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 $\pm$ 0.493 χ^2/NDF : 580.3/15

Left Out: 18.188 $\pm$ 0.291 χ^2/NDF : 631.5/23

Right Out: 7.429 $\pm$ 0.524 χ^2/NDF : 685.8/17

Left In: 17.941 $\pm$ 0.295 χ^2/NDF : 729.1/21

Left: 18.066 $\pm$ 0.207 χ^2/NDF : 1361.0/45

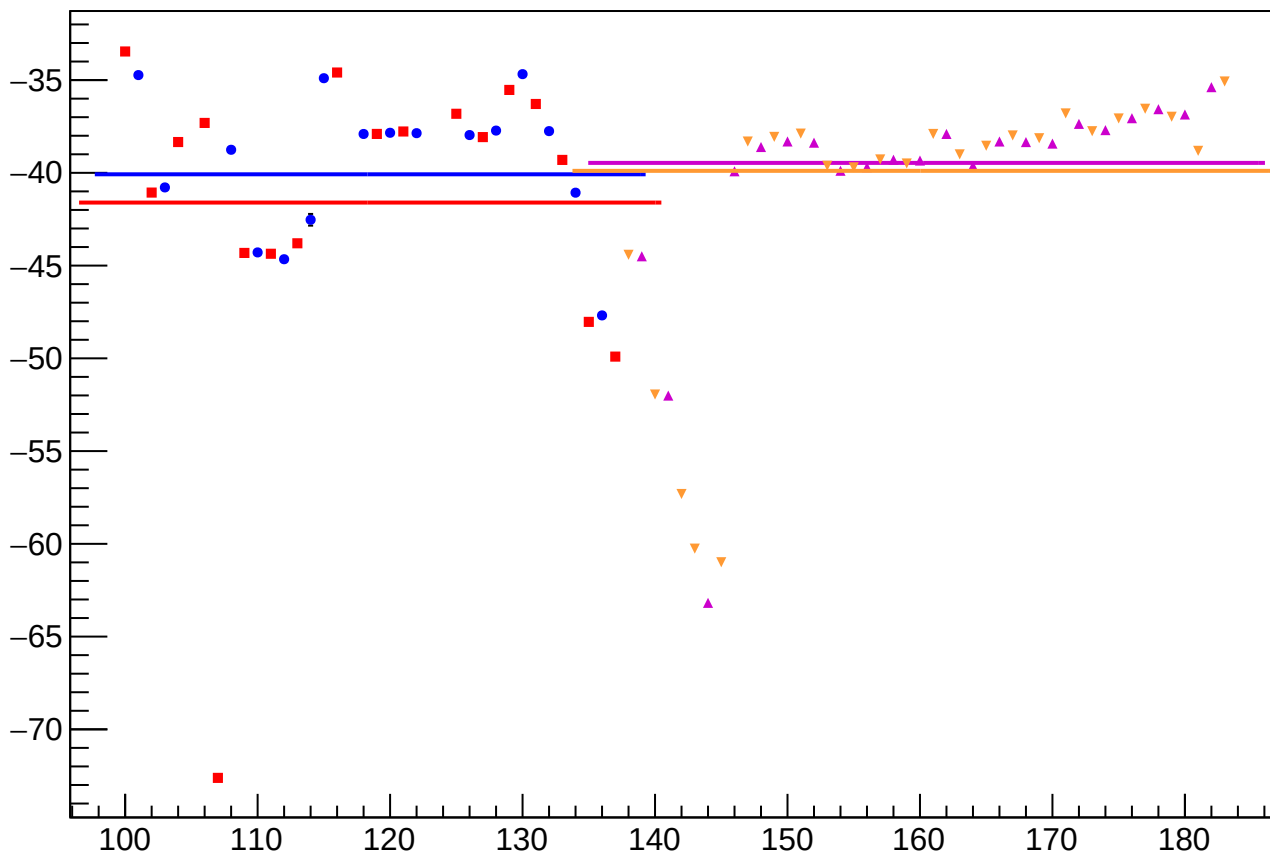
Right: 9.074 $\pm$ 0.359 χ^2/NDF : 1284.7/33

In: 15.986 $\pm$ 0.253 χ^2/NDF : 1475.8/37

Out: 15.647 $\pm$ 0.254 χ^2/NDF : 1639.9/41

All: 15.817 $\pm$ 0.179 χ^2/NDF : 3116.6/79

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 χ^2/NDF : 25147.0/15

Left Out: -39.893 ± 0.014 χ^2/NDF : 162897.7/23

Right Out: -41.602 ± 0.029 χ^2/NDF : 61856.4/17

Left In: -39.464 ± 0.014 χ^2/NDF : 116070.5/21

Left: -39.677 ± 0.010 χ^2/NDF : 279452.9/45

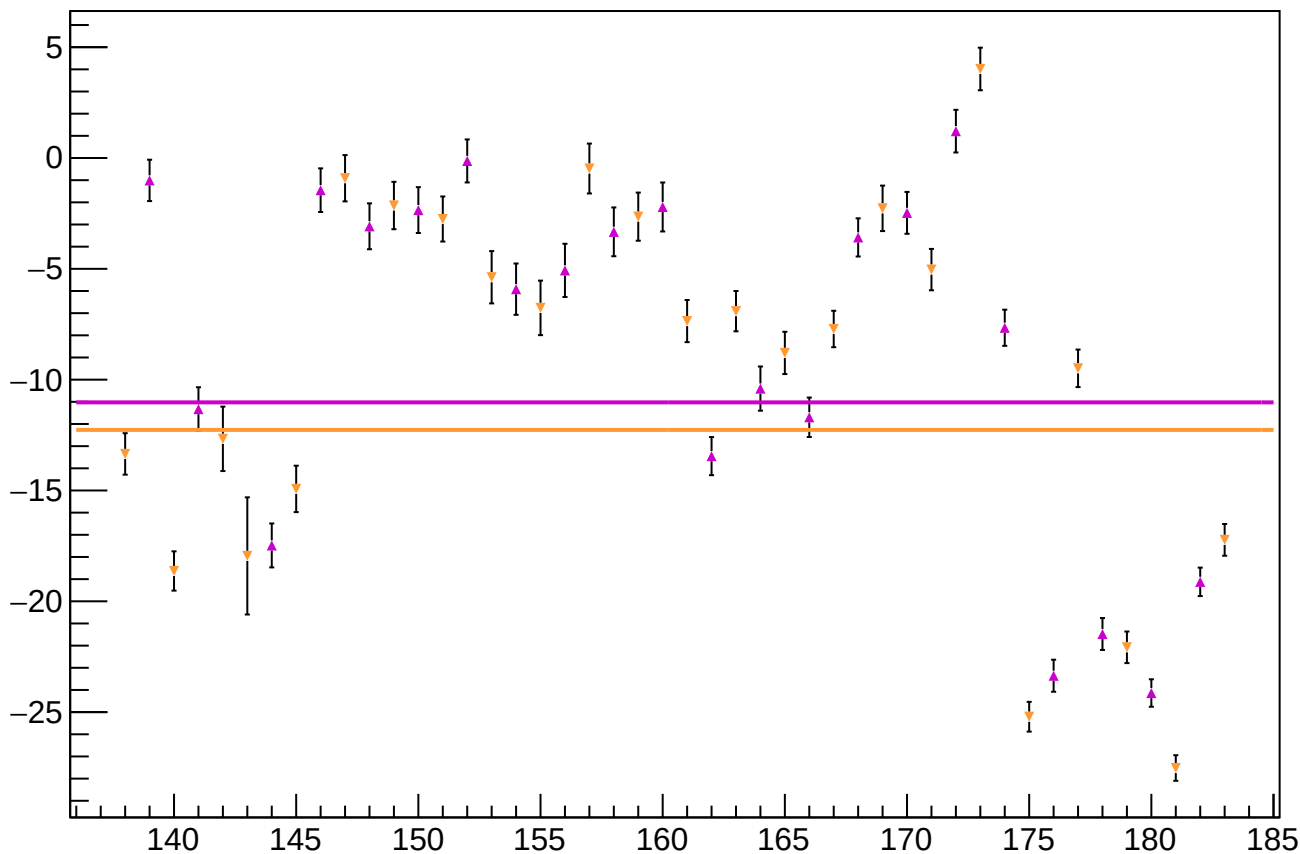
Right: -40.831 ± 0.020 χ^2/NDF : 88443.2/33

In: -39.581 ± 0.012 χ^2/NDF : 141601.2/37

Out: -40.217 ± 0.012 χ^2/NDF : 227657.5/41

All: -39.897 ± 0.009 χ^2/NDF : 370572.8/79

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -12.267 $\pm$ 0.188 χ^2/NDF :2468.5/23

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

Left In: -11.025 $\pm$ 0.190 χ^2/NDF :2116.4/21

Left: -11.652 $\pm$ 0.133 χ^2/NDF : 4606.6/45

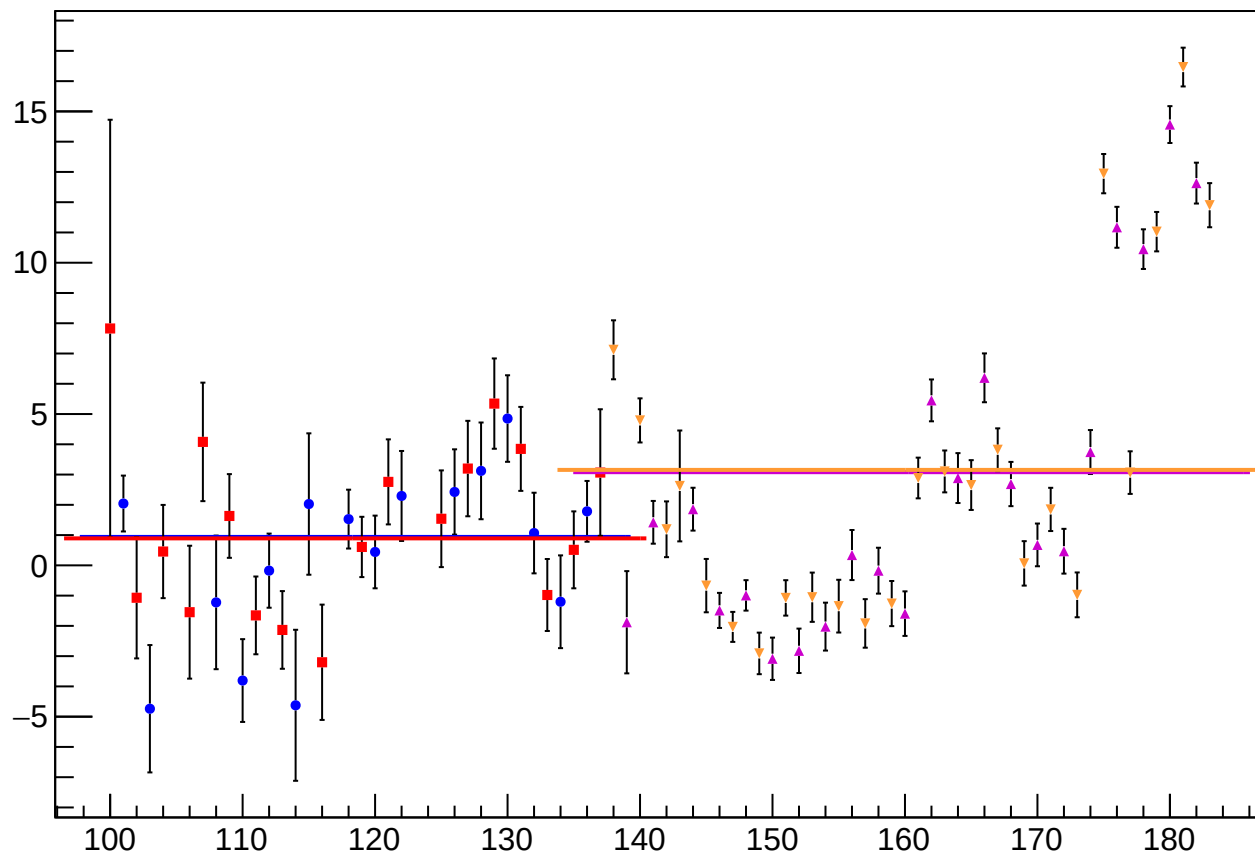
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -11.025 $\pm$ 0.190 χ^2/NDF :2116.4/21

Out: -12.267 $\pm$ 0.188 χ^2/NDF :2468.5/23

All: -11.652 $\pm$ 0.133 χ^2/NDF : 4606.6/45

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$

Left Out: 3.154 ± 0.148 $\chi^2/\text{NDF}: 1416.1/23$

Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$

Left In: 3.079 ± 0.151 $\chi^2/\text{NDF}: 1276.3/21$

Left: 3.117 ± 0.106 $\chi^2/\text{NDF}: 2692.5/45$

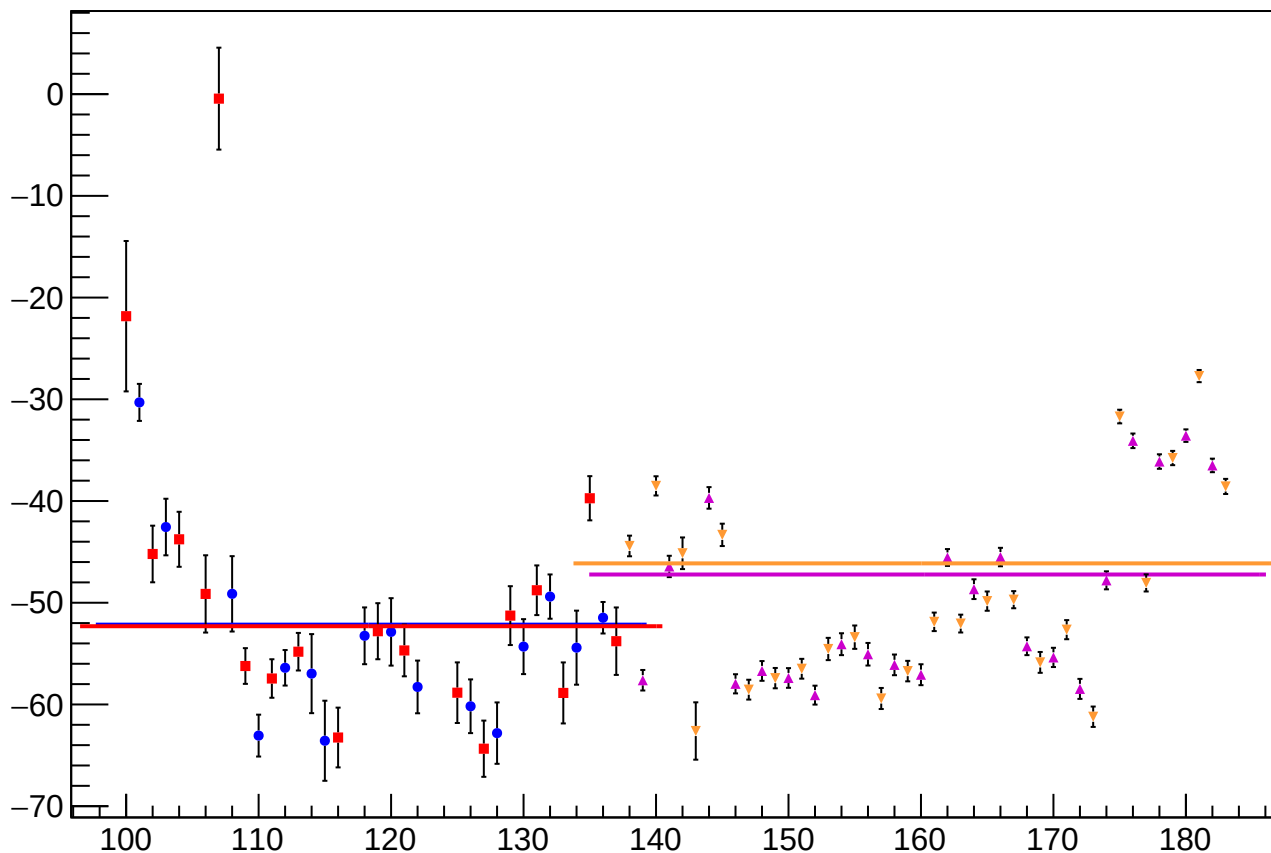
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: 2.725 ± 0.138 $\chi^2/\text{NDF}: 1351.8/37$

Out: 2.816 ± 0.137 $\chi^2/\text{NDF}: 1492.5/41$

All: 2.771 ± 0.097 $\chi^2/\text{NDF}: 2844.5/79$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15

Left Out: -46.131 ± 0.187 χ^2/NDF : 3100.9/23

Right Out: -52.310 ± 0.616 χ^2/NDF : 234.8/17

Left In: -47.224 ± 0.189 χ^2/NDF : 2522.9/21

Left: -46.674 ± 0.133 χ^2/NDF : 5640.7/45

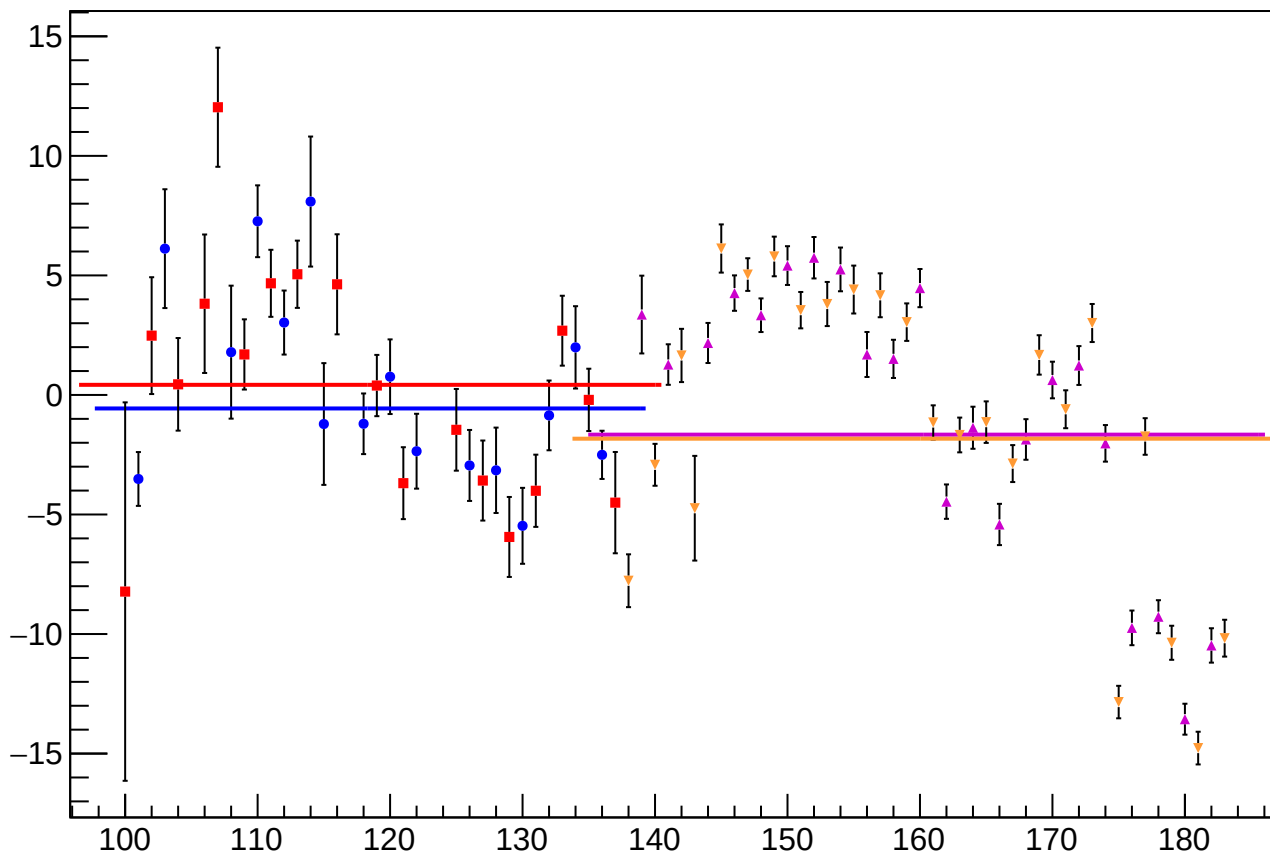
Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33

In: -47.651 ± 0.180 χ^2/NDF : 2813.0/37

Out: -46.655 ± 0.179 χ^2/NDF : 3427.8/41

All: -47.150 ± 0.127 χ^2/NDF : 6256.2/79

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: -1.830 ± 0.168 χ^2/NDF : 1439.9/23

Right Out: 0.423 ± 0.400 χ^2/NDF : 95.3/17

Left In: -1.661 ± 0.170 χ^2/NDF : 1241.0/21

Left: -1.747 ± 0.119 χ^2/NDF : 2681.4/45

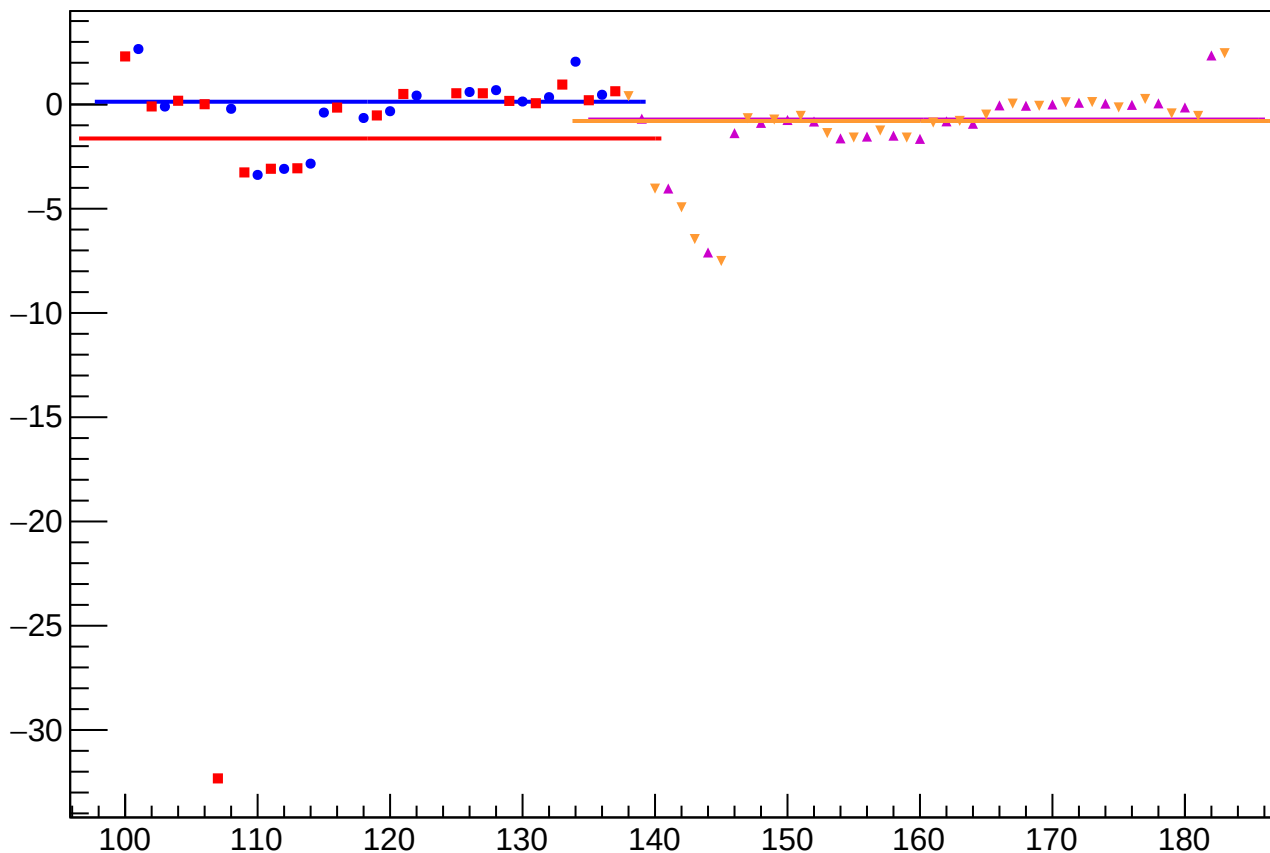
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: -1.481 ± 0.156 χ^2/NDF : 1329.7/37

Out: -1.493 ± 0.155 χ^2/NDF : 1562.2/41

All: -1.487 ± 0.110 χ^2/NDF : 2891.9/79

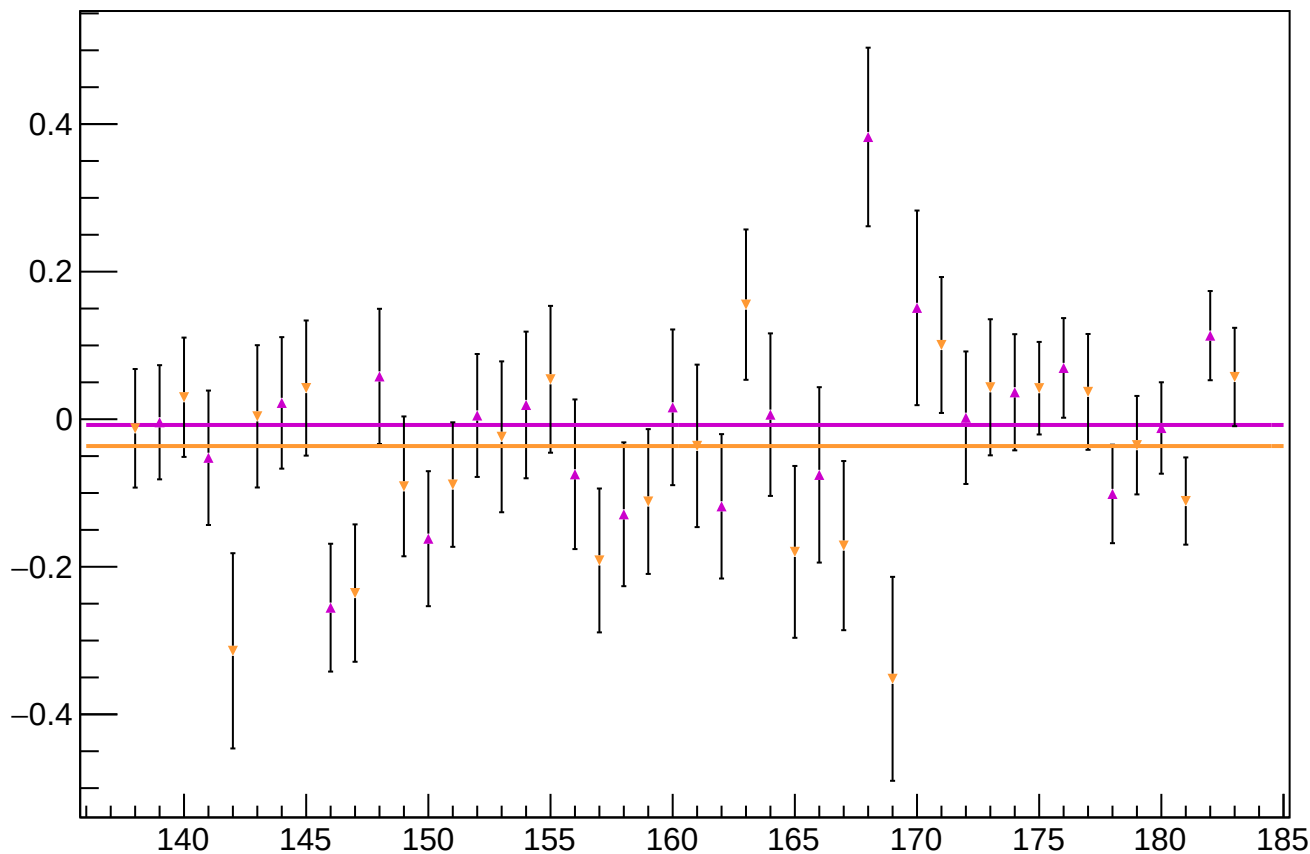
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -0.793 ± 0.008 $\chi^2/\text{NDF}: 52752.3/23$
 Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$
 Left In: -0.724 ± 0.008 $\chi^2/\text{NDF}: 40016.7/21$

Left: -0.758 ± 0.005 $\chi^2/\text{NDF}: 92809.2/45$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$
 In: -0.626 ± 0.007 $\chi^2/\text{NDF}: 46645.8/37$
 Out: -0.886 ± 0.007 $\chi^2/\text{NDF}: 131943.2/41$
 All: -0.756 ± 0.005 $\chi^2/\text{NDF}: 179227.8/79$

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: -0.036 $\pm$ 0.018 χ^2 /NDF:35.9/23

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

Left In: -0.008 $\pm$ 0.018 χ^2 /NDF:35.1/21

Left: -0.022 $\pm$ 0.013 χ^2 /NDF: 72.3/45

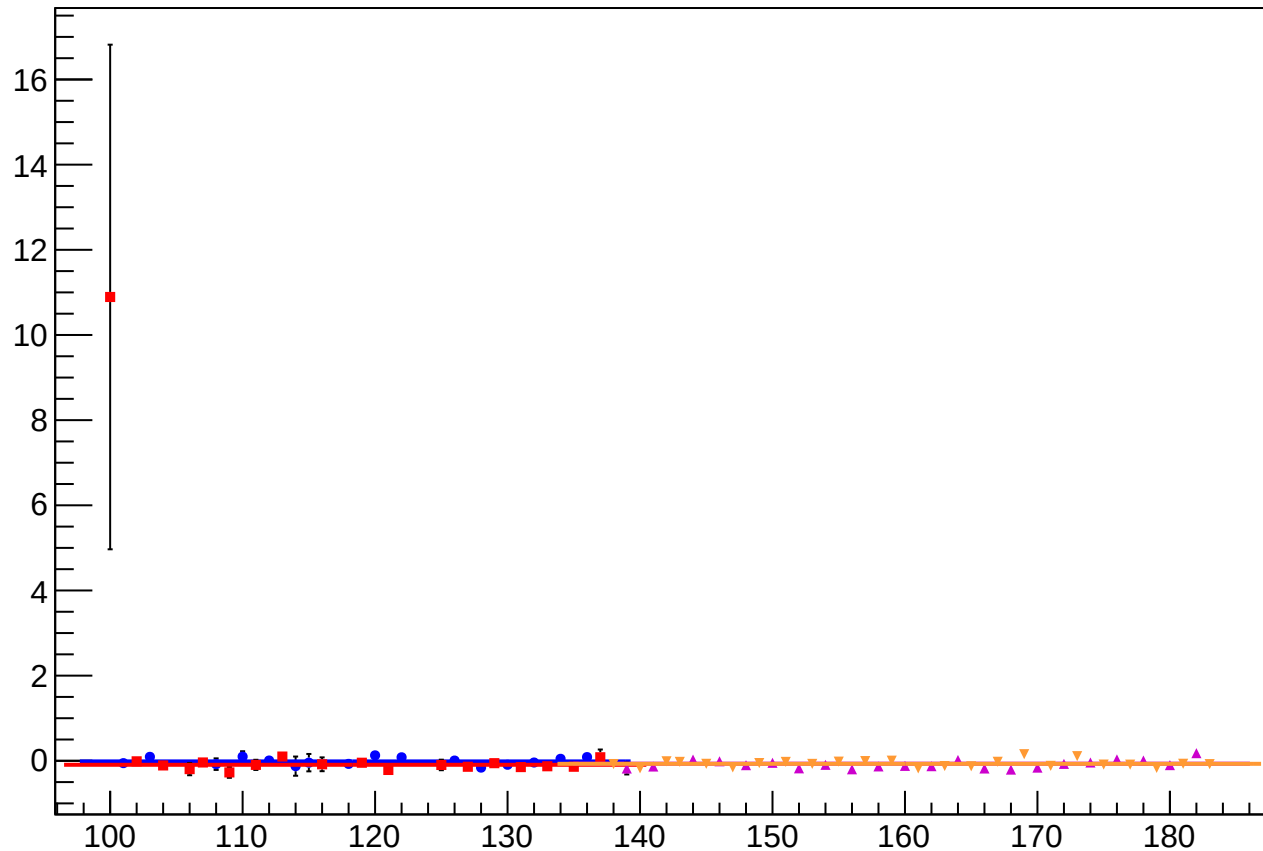
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.008 $\pm$ 0.018 χ^2 /NDF:35.1/21

Out: -0.036 $\pm$ 0.018 χ^2 /NDF:35.9/23

All: -0.022 $\pm$ 0.013 χ^2 /NDF: 72.3/45

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 χ^2/NDF : 12.5/15

Left Out: -0.071 ± 0.014 χ^2/NDF : 28.3/23

Right Out: -0.093 ± 0.025 χ^2/NDF : 13.5/17

Left In: -0.068 ± 0.014 χ^2/NDF : 38.8/21

Left: -0.069 ± 0.010 χ^2/NDF : 67.1/45

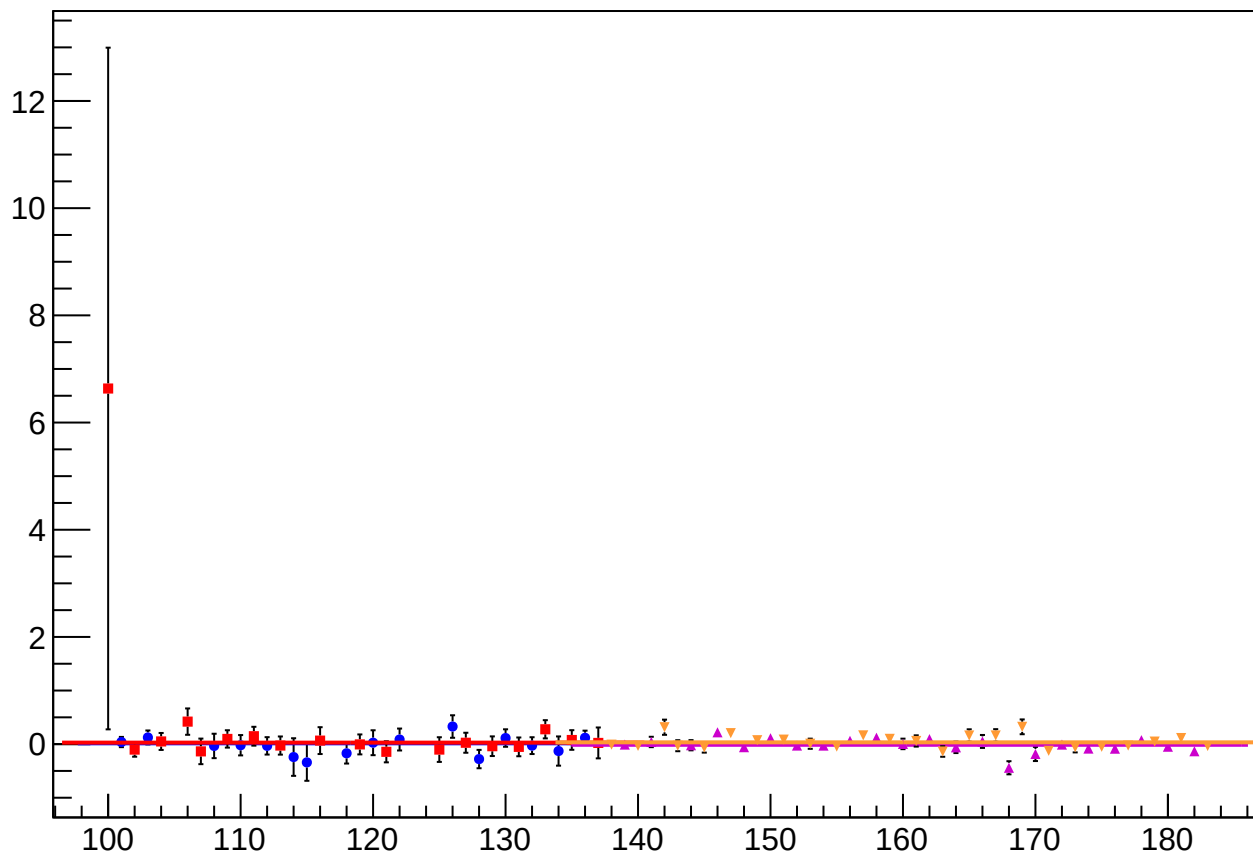
Right: -0.051 ± 0.017 χ^2/NDF : 31.5/33

In: -0.053 ± 0.012 χ^2/NDF : 55.1/37

Out: -0.076 ± 0.012 χ^2/NDF : 42.5/41

All: -0.065 ± 0.009 χ^2/NDF : 99.4/79

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015+/-0.043 χ^2/NDF : 10.1/15

Left Out: 0.033+/-0.018 χ^2/NDF :32.9/23

Right Out: 0.028+/-0.045 χ^2/NDF : 9.5/17

Left In: -0.012+/-0.018 χ^2/NDF :36.6/21

Left: 0.011+/-0.013 χ^2/NDF : 72.7/45

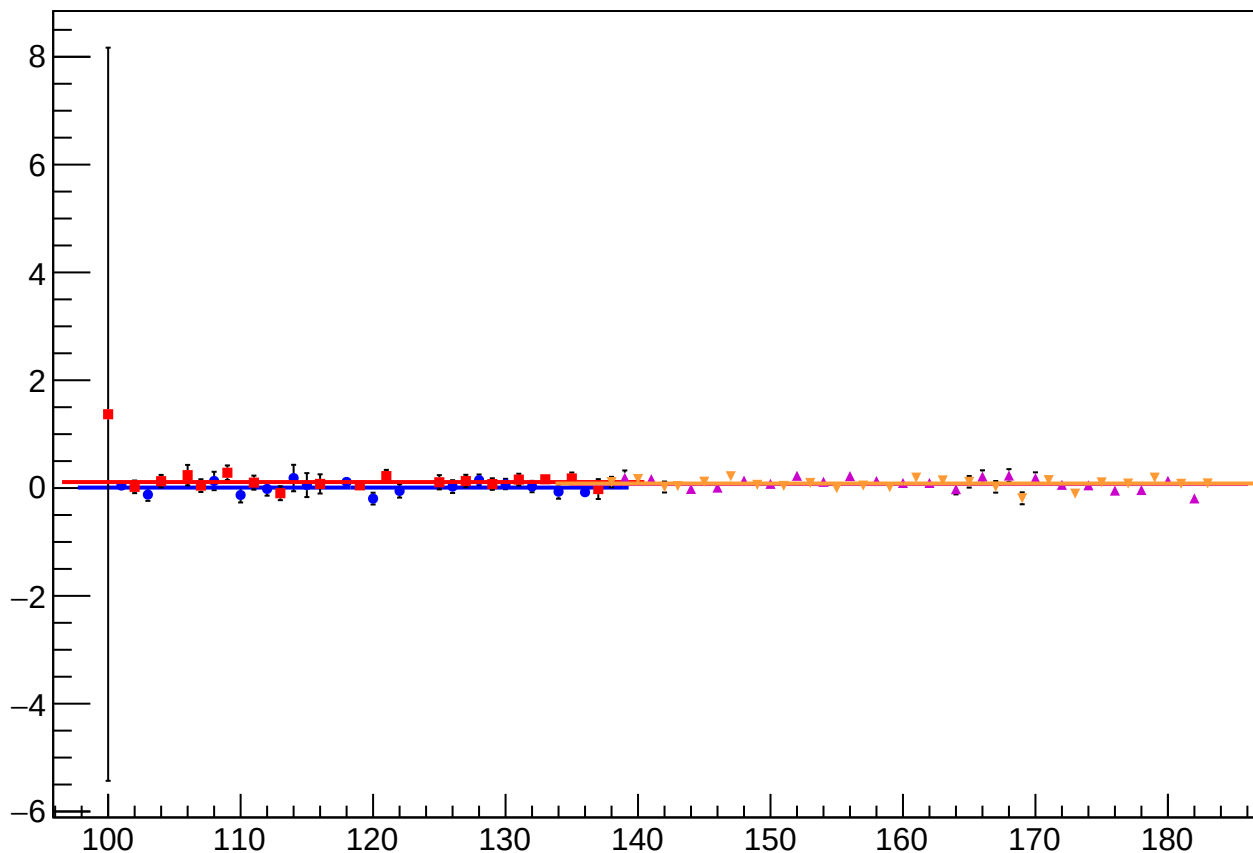
Right: 0.021+/-0.031 χ^2/NDF : 19.7/33

In: -0.008+/-0.017 χ^2/NDF :47.1/37

Out: 0.033+/-0.017 χ^2/NDF :42.4/41

All: 0.013+/-0.012 χ^2/NDF : 92.5/79

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.027 χ^2/NDF : 12.6/15

Left Out: 0.084 $\pm$ 0.016 χ^2/NDF : 28.1/23

Right Out: 0.111 $\pm$ 0.029 χ^2/NDF : 8.6/17

Left In: 0.074 $\pm$ 0.016 χ^2/NDF : 42.2/21

Left: 0.080 $\pm$ 0.011 χ^2/NDF : 70.6/45

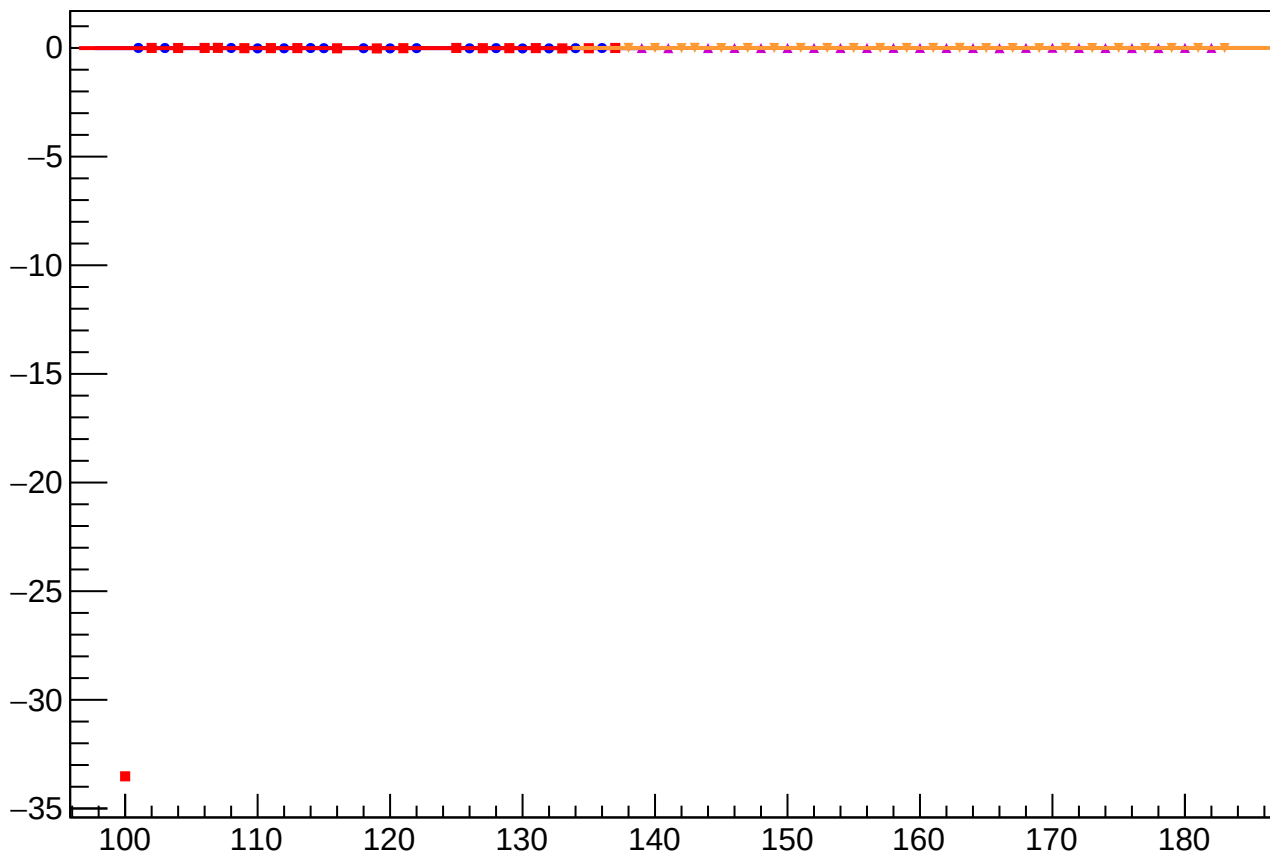
Right: 0.057 $\pm$ 0.020 χ^2/NDF : 28.0/33

In: 0.057 $\pm$ 0.014 χ^2/NDF : 59.2/37

Out: 0.091 $\pm$ 0.014 χ^2/NDF : 37.4/41

All: 0.074 $\pm$ 0.010 χ^2/NDF : 99.6/79

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.001 χ^2 /NDF: 22.3/15

Left Out: 0.001 $\pm$ 0.001 χ^2 /NDF:25.5/23

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 26508.9/17

Left In: 0.000 $\pm$ 0.001 χ^2 /NDF:21.9/21

Left: 0.001 $\pm$ 0.001 χ^2 /NDF: 47.5/45

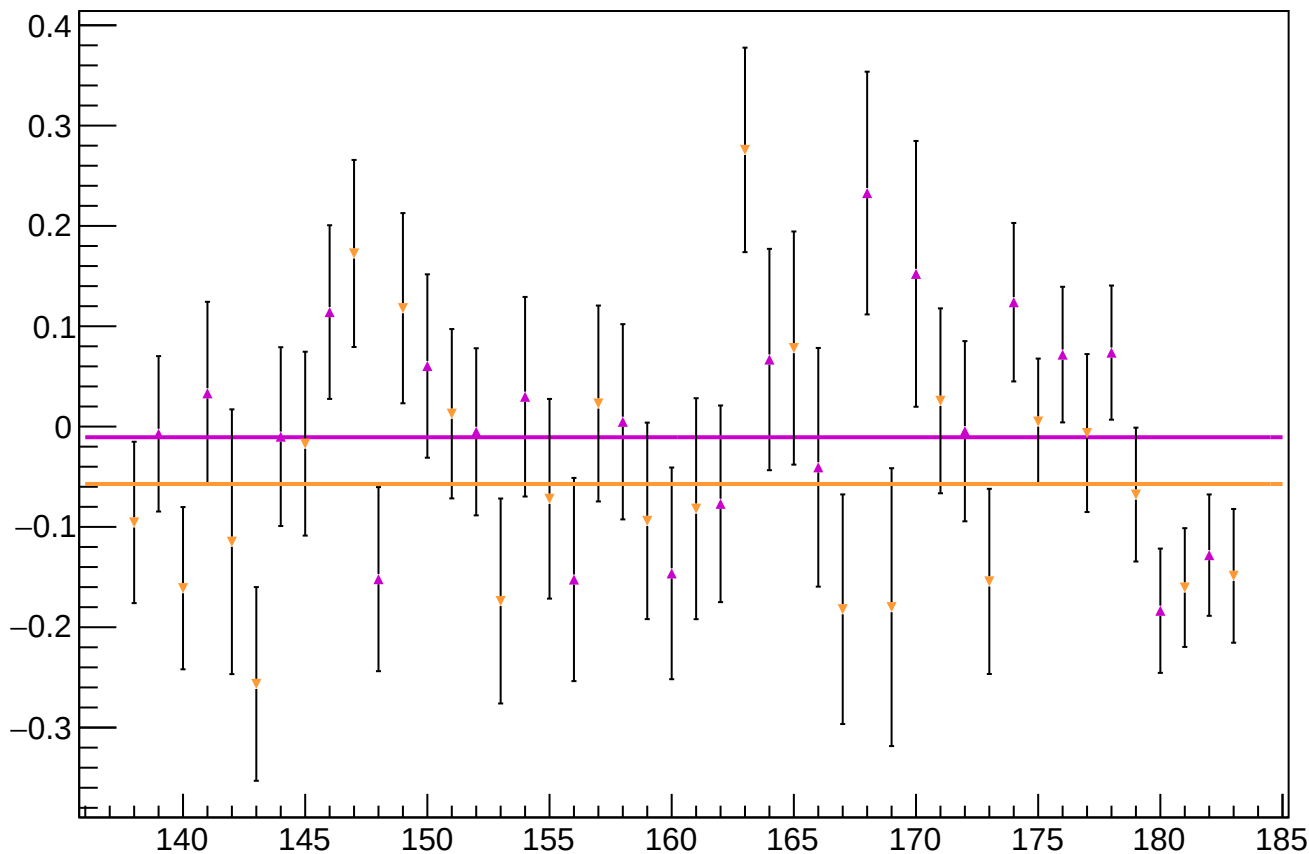
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 26531.2/33

In: -0.001 $\pm$ 0.001 χ^2 /NDF:56.8/37

Out: -0.001 $\pm$ 0.001 χ^2 /NDF:26550.8/41

All: -0.001 $\pm$ 0.000 χ^2 /NDF: 26607.7/79

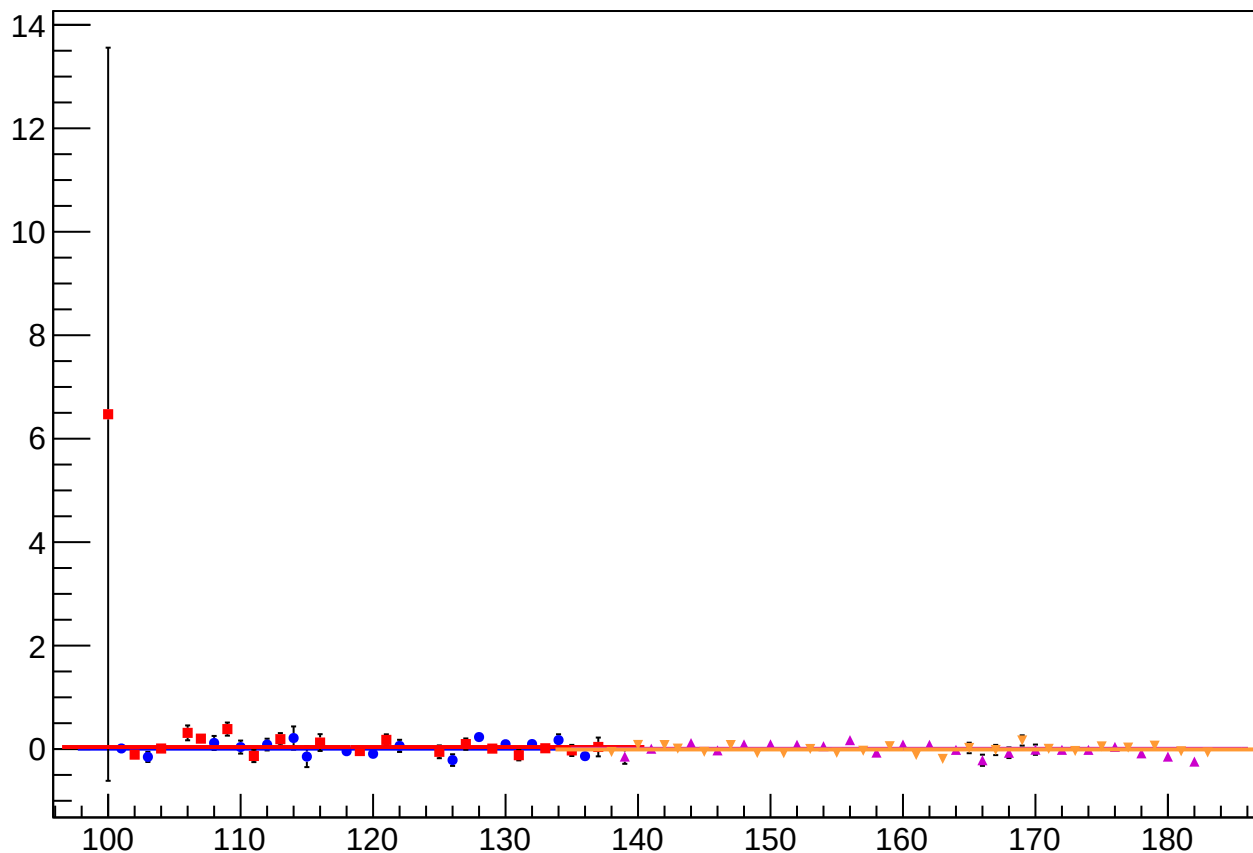
reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.057 $\pm$ 0.018 χ^2 /NDF:41.2/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.011 $\pm$ 0.018 χ^2 /NDF:33.2/21

Left: -0.035 $\pm$ 0.013 χ^2 /NDF: 77.7/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.011 $\pm$ 0.018 χ^2 /NDF:33.2/21
 Out: -0.057 $\pm$ 0.018 χ^2 /NDF:41.2/23
 All: -0.035 $\pm$ 0.013 χ^2 /NDF: 77.7/45

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.023 χ^2 /NDF: 23.7/15

Left Out: -0.007 $\pm$ 0.014 χ^2 /NDF:27.0/23

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 28.4/17

Left In: 0.004 $\pm$ 0.014 χ^2 /NDF:50.1/21

Left: -0.002 $\pm$ 0.010 χ^2 /NDF: 77.5/45

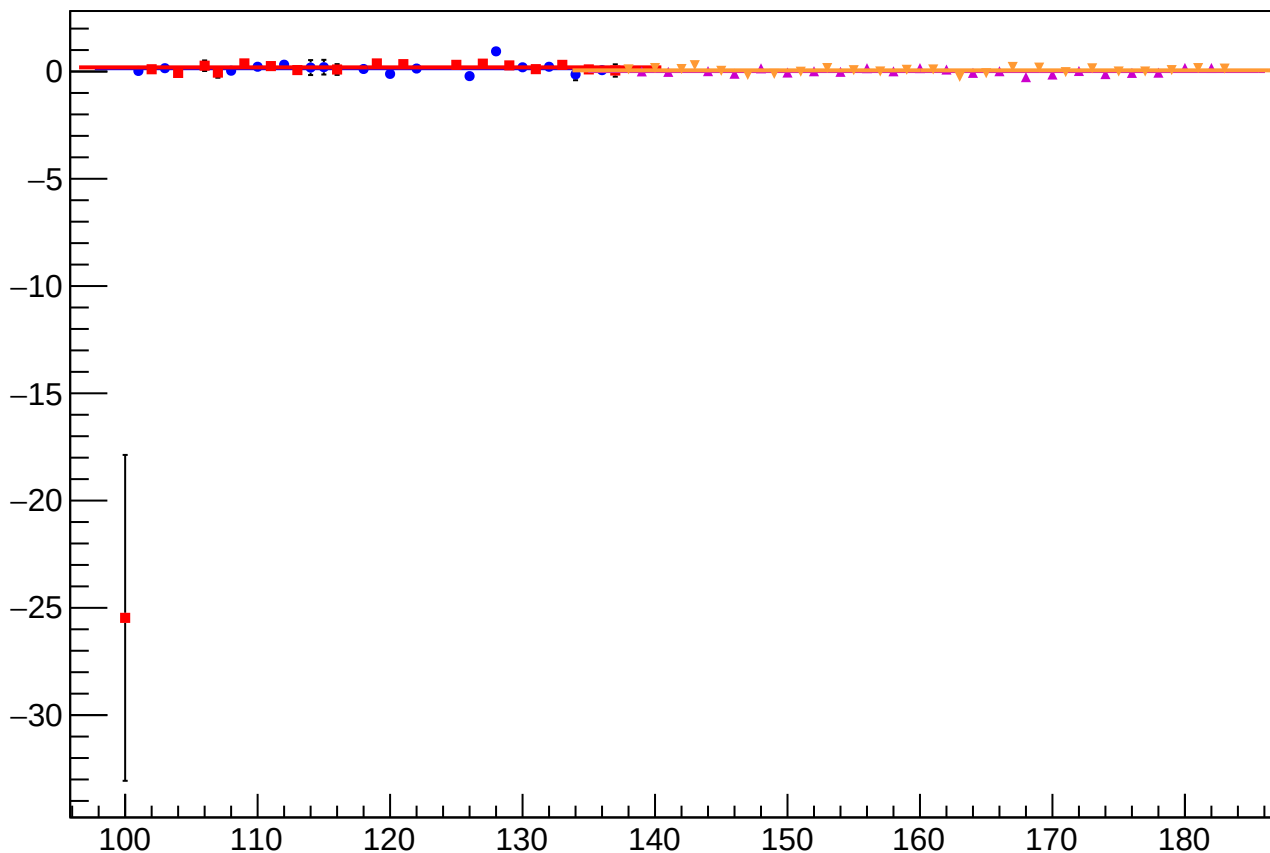
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.006 $\pm$ 0.012 χ^2 /NDF:73.8/37

Out: 0.004 $\pm$ 0.012 χ^2 /NDF:58.1/41

All: 0.005 $\pm$ 0.009 χ^2 /NDF: 131.9/79

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 $\pm$ 0.043 χ^2 /NDF: 30.5/15

Left Out: 0.054 $\pm$ 0.018 χ^2 /NDF:40.5/23

Right Out: 0.193 $\pm$ 0.045 χ^2 /NDF: 22.0/17

Left In: 0.021 $\pm$ 0.018 χ^2 /NDF:34.0/21

Left: 0.038 $\pm$ 0.013 χ^2 /NDF: 76.2/45

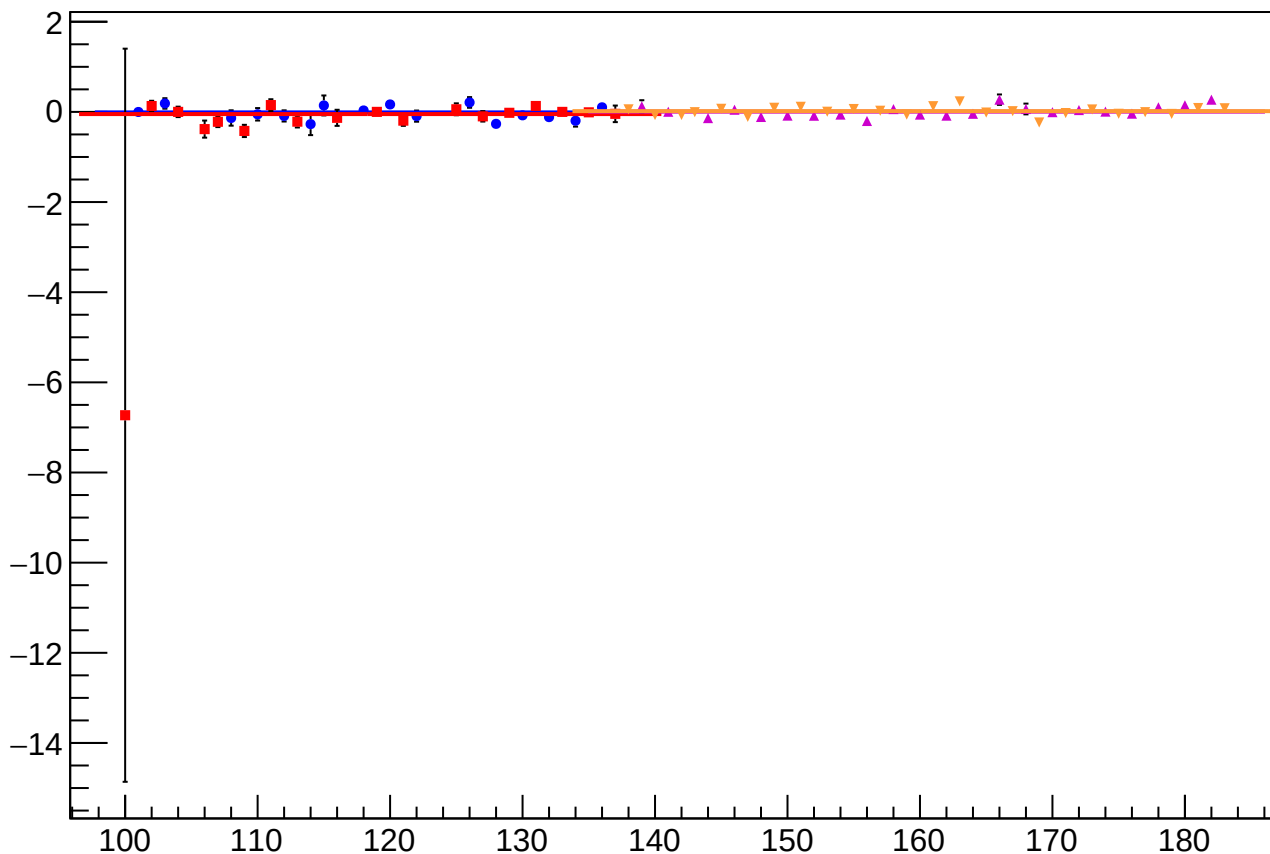
Right: 0.173 $\pm$ 0.031 χ^2 /NDF: 52.9/33

In: 0.041 $\pm$ 0.017 χ^2 /NDF:72.7/37

Out: 0.073 $\pm$ 0.017 χ^2 /NDF:70.8/41

All: 0.057 $\pm$ 0.012 χ^2 /NDF: 145.2/79

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 χ^2/NDF : 23.4/15

Left Out: 0.017 ± 0.016 χ^2/NDF : 29.9/23

Right Out: -0.048 ± 0.029 χ^2/NDF : 26.2/17

Left In: 0.006 ± 0.016 χ^2/NDF : 50.2/21

Left: 0.011 ± 0.011 χ^2/NDF : 80.3/45

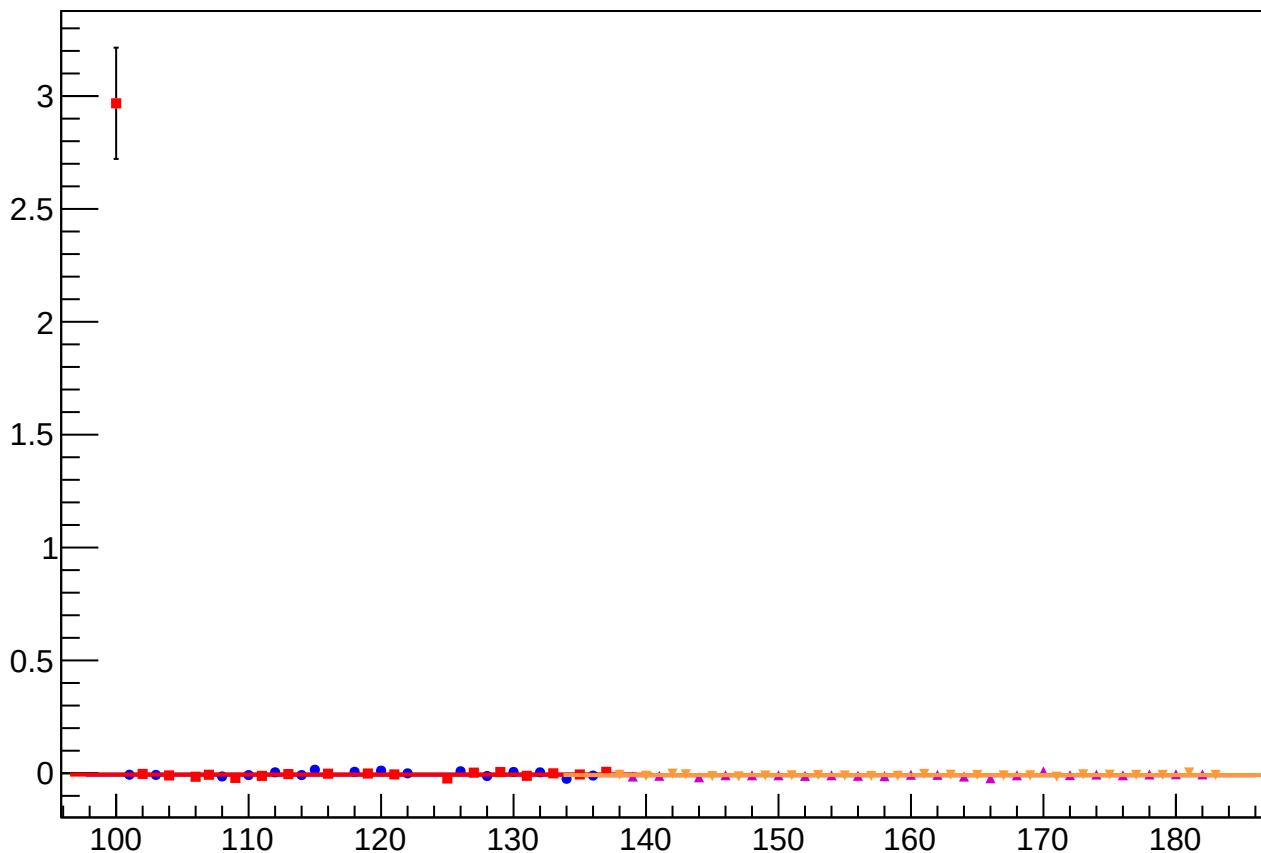
Right: -0.029 ± 0.020 χ^2/NDF : 50.6/33

In: 0.001 ± 0.014 χ^2/NDF : 74.0/37

Out: 0.001 ± 0.014 χ^2/NDF : 60.0/41

All: 0.001 ± 0.010 χ^2/NDF : 134.0/79

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006+/-0.001 χ^2 /NDF: 28.7/15

Left Out: -0.008+/-0.001 χ^2 /NDF:30.5/23

Right Out: -0.006+/-0.001 χ^2 /NDF: 165.2/17

Left In: -0.009+/-0.001 χ^2 /NDF:38.9/21

Left: -0.008+/-0.001 χ^2 /NDF: 70.2/45

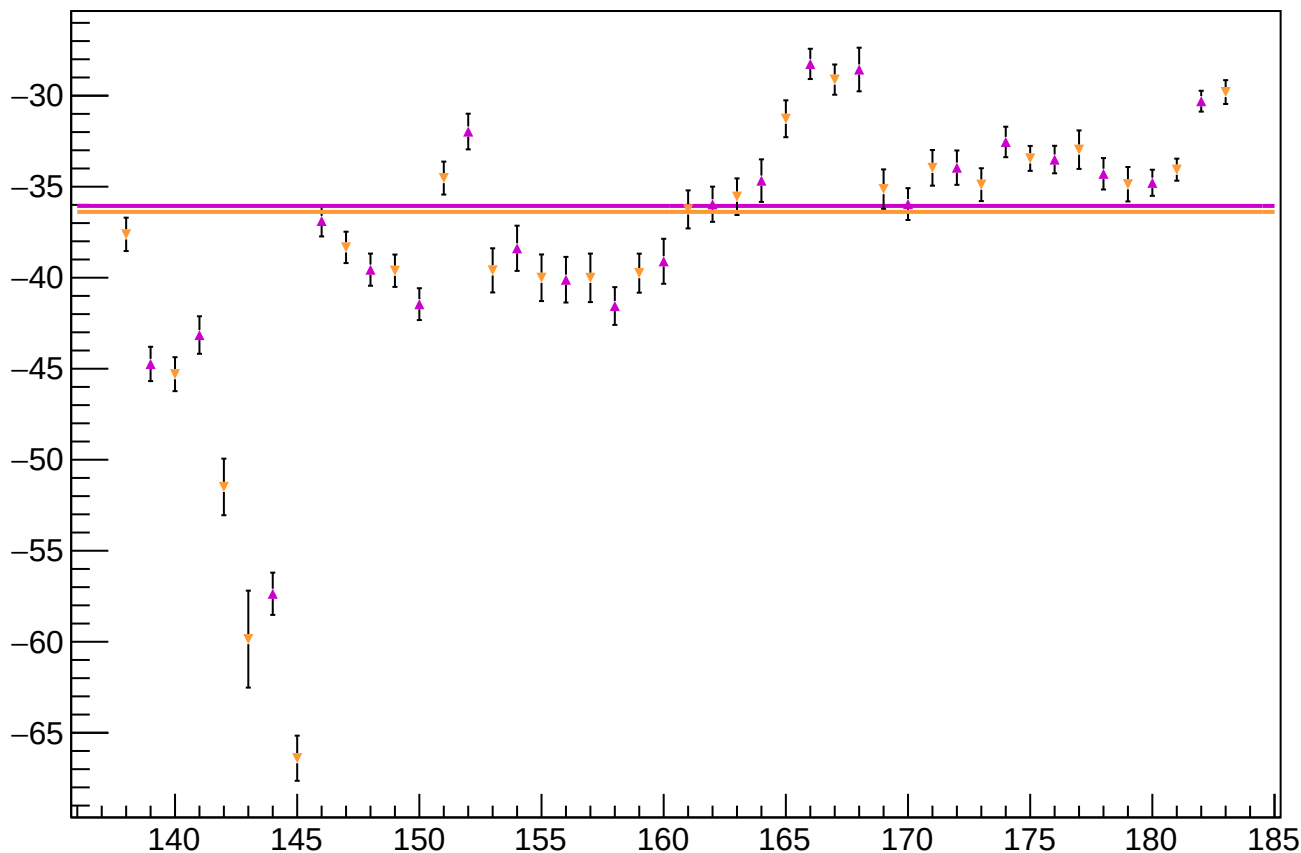
Right: -0.006+/-0.001 χ^2 /NDF: 193.9/33

In: -0.008+/-0.001 χ^2 /NDF:70.9/37

Out: -0.007+/-0.001 χ^2 /NDF:197.4/41

All: -0.008+/-0.000 χ^2 /NDF: 268.9/79

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: -36.386+/-0.193 χ^2/NDF :1166.4/23

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

Left In: -36.056+/-0.194 χ^2/NDF :860.1/21

Left: -36.221+/-0.137 χ^2/NDF : 2028.0/45

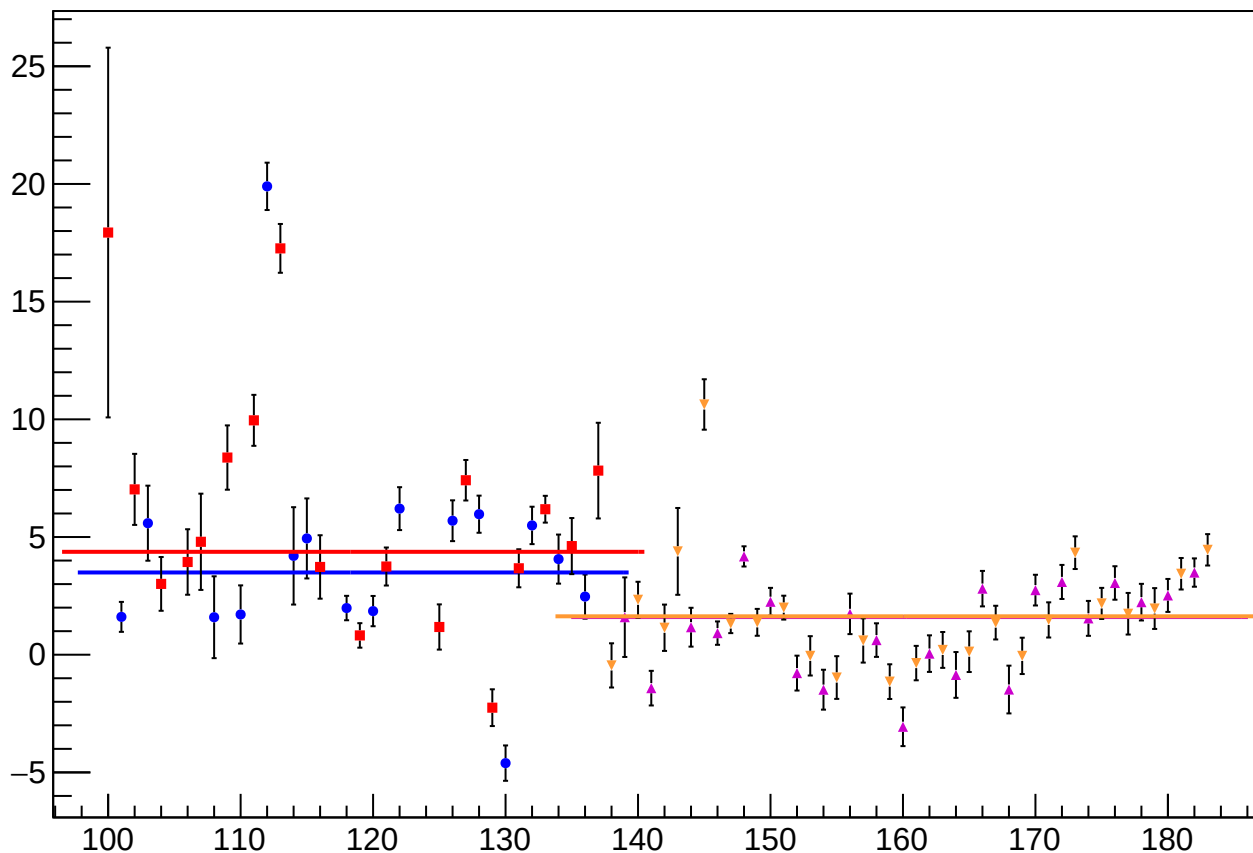
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.056+/-0.194 χ^2/NDF :860.1/21

Out: -36.386+/-0.193 χ^2/NDF :1166.4/23

All: -36.221+/-0.137 χ^2/NDF : 2028.0/45

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 $\pm$ 0.218 χ^2 /NDF: 444.9/15

Left Out: 1.632 $\pm$ 0.148 χ^2 /NDF:167.8/23

Right Out: 4.372 $\pm$ 0.225 χ^2 /NDF: 354.0/17

Left In: 1.600 $\pm$ 0.151 χ^2 /NDF:159.8/21

Left: 1.616 $\pm$ 0.106 χ^2 /NDF: 327.7/45

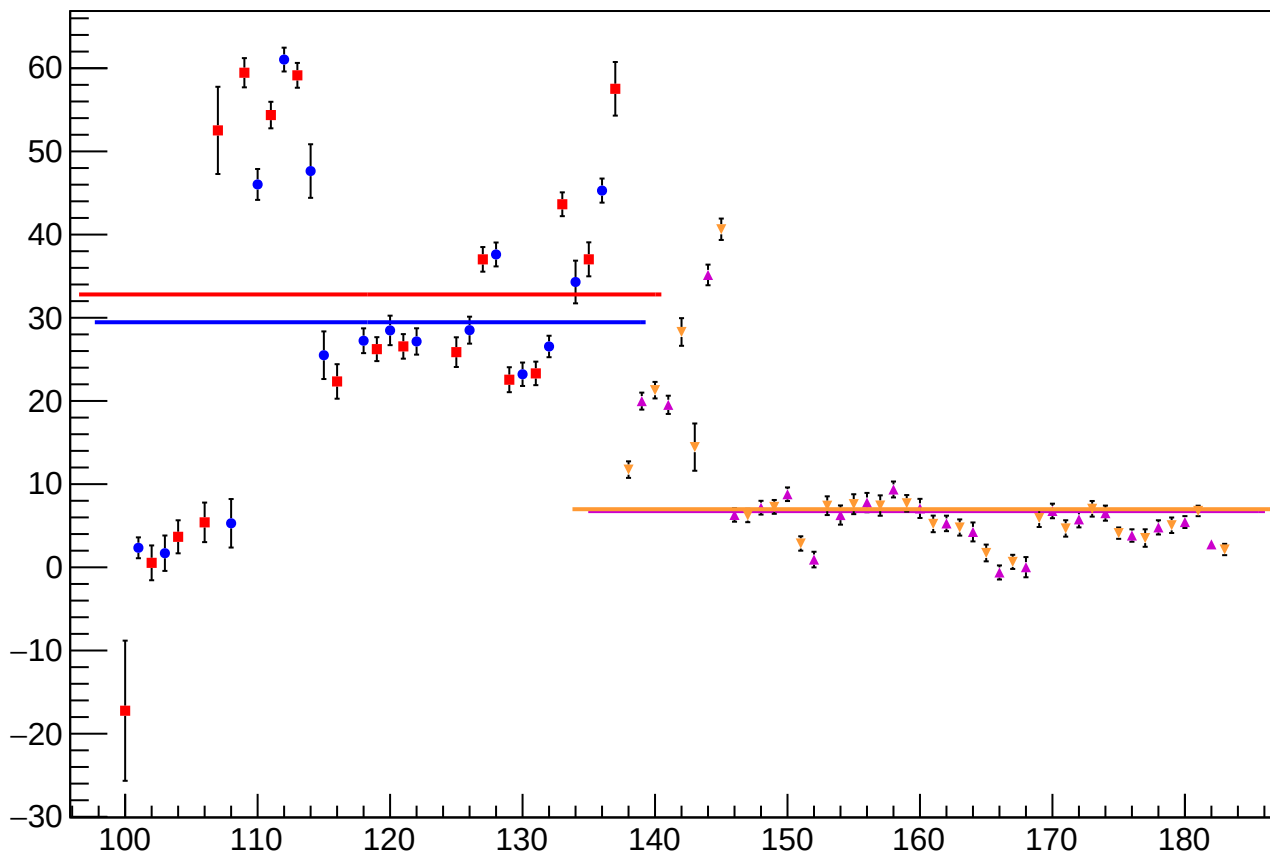
Right: 3.918 $\pm$ 0.157 χ^2 /NDF: 806.7/33

In: 2.214 $\pm$ 0.124 χ^2 /NDF:655.9/37

Out: 2.461 $\pm$ 0.124 χ^2 /NDF:625.0/41

All: 2.338 $\pm$ 0.088 χ^2 /NDF: 1282.8/79

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 ± 0.418 χ^2/NDF : 1491.6/15

Left Out: 6.988 ± 0.193 χ^2/NDF : 1291.7/23

Right Out: 32.804 ± 0.423 χ^2/NDF : 1659.8/17

Left In: 6.757 ± 0.193 χ^2/NDF : 1065.2/21

Left: 6.872 ± 0.136 χ^2/NDF : 2357.7/45

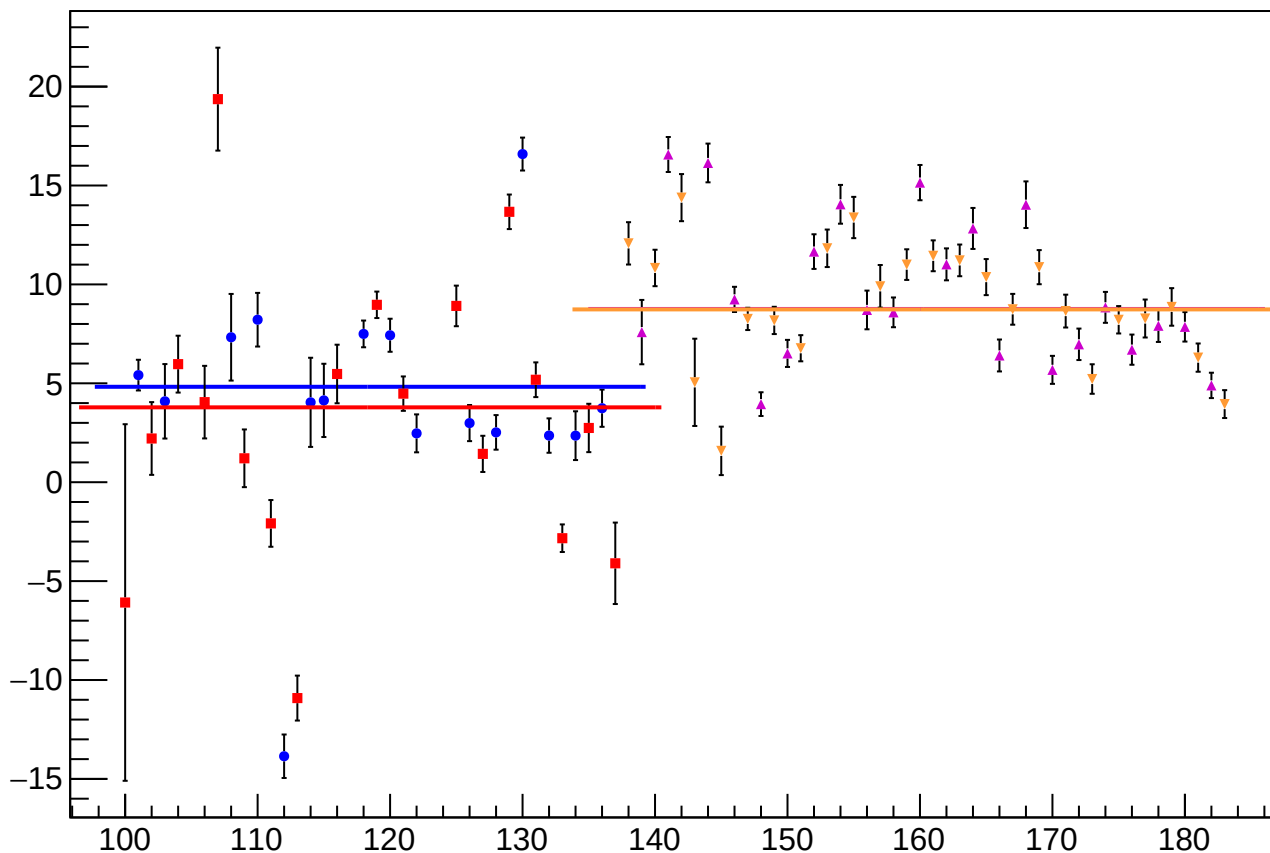
Right: 31.111 ± 0.297 χ^2/NDF : 3183.0/33

In: 10.748 ± 0.175 χ^2/NDF : 4994.5/37

Out: 11.425 ± 0.175 χ^2/NDF : 6036.6/41

All: 11.085 ± 0.124 χ^2/NDF : 11038.5/79

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 552.9/15$

Left Out: 8.736 ± 0.170 $\chi^2/\text{NDF}: 236.5/23$

Right Out: 3.784 ± 0.259 $\chi^2/\text{NDF}: 564.8/17$

Left In: 8.758 ± 0.172 $\chi^2/\text{NDF}: 424.3/21$

Left: 8.747 ± 0.121 $\chi^2/\text{NDF}: 660.8/45$

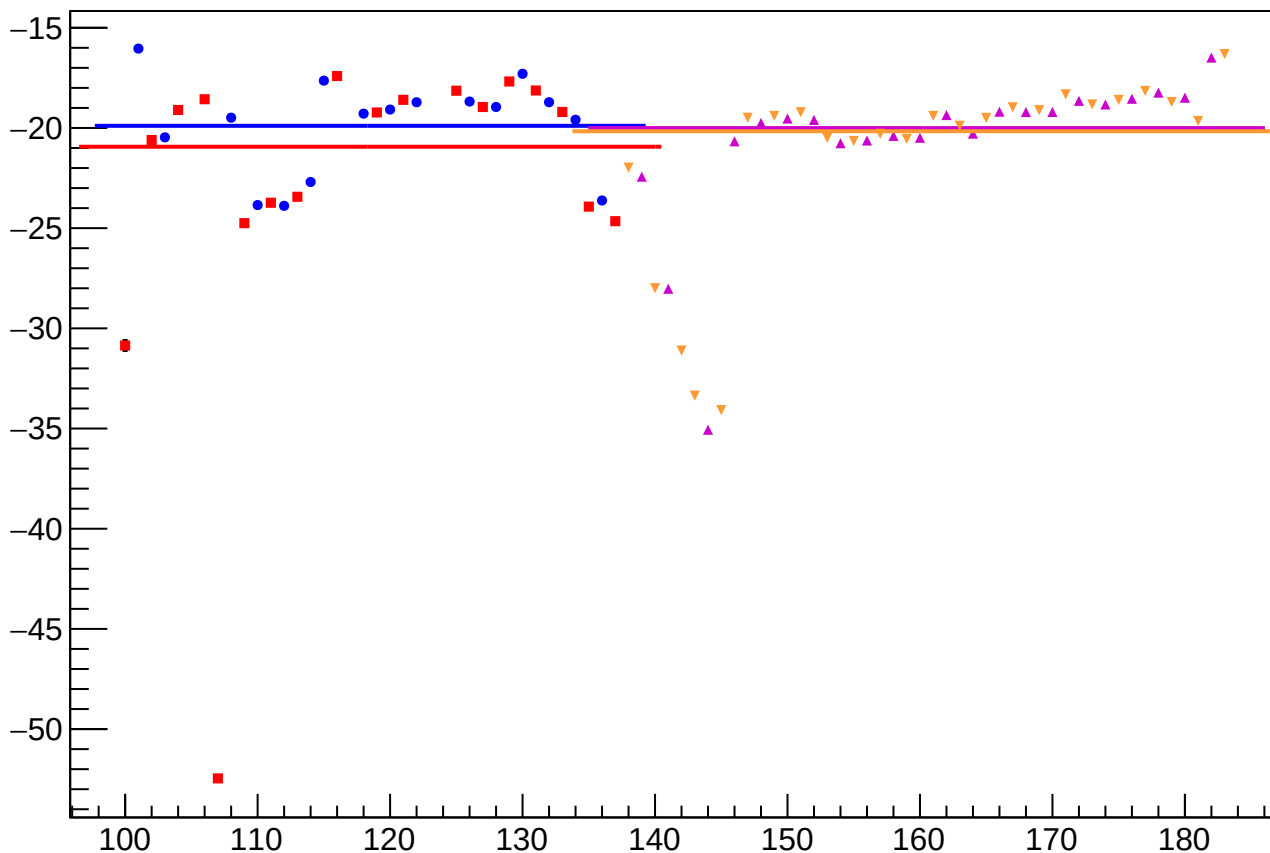
Right: 4.319 ± 0.180 $\chi^2/\text{NDF}: 1126.1/33$

In: 7.508 ± 0.142 $\chi^2/\text{NDF}: 1143.9/37$

Out: 7.245 ± 0.142 $\chi^2/\text{NDF}: 1057.0/41$

All: 7.376 ± 0.100 $\chi^2/\text{NDF}: 2202.7/79$

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 χ^2/NDF : 26092.3/15

Left Out: -20.164 ± 0.008 χ^2/NDF : 179671.0/23

Right Out: -20.936 ± 0.016 χ^2/NDF : 94127.3/17

Left In: -20.007 ± 0.008 χ^2/NDF : 140247.5/21

Left: -20.085 ± 0.006 χ^2/NDF : 320113.0/45

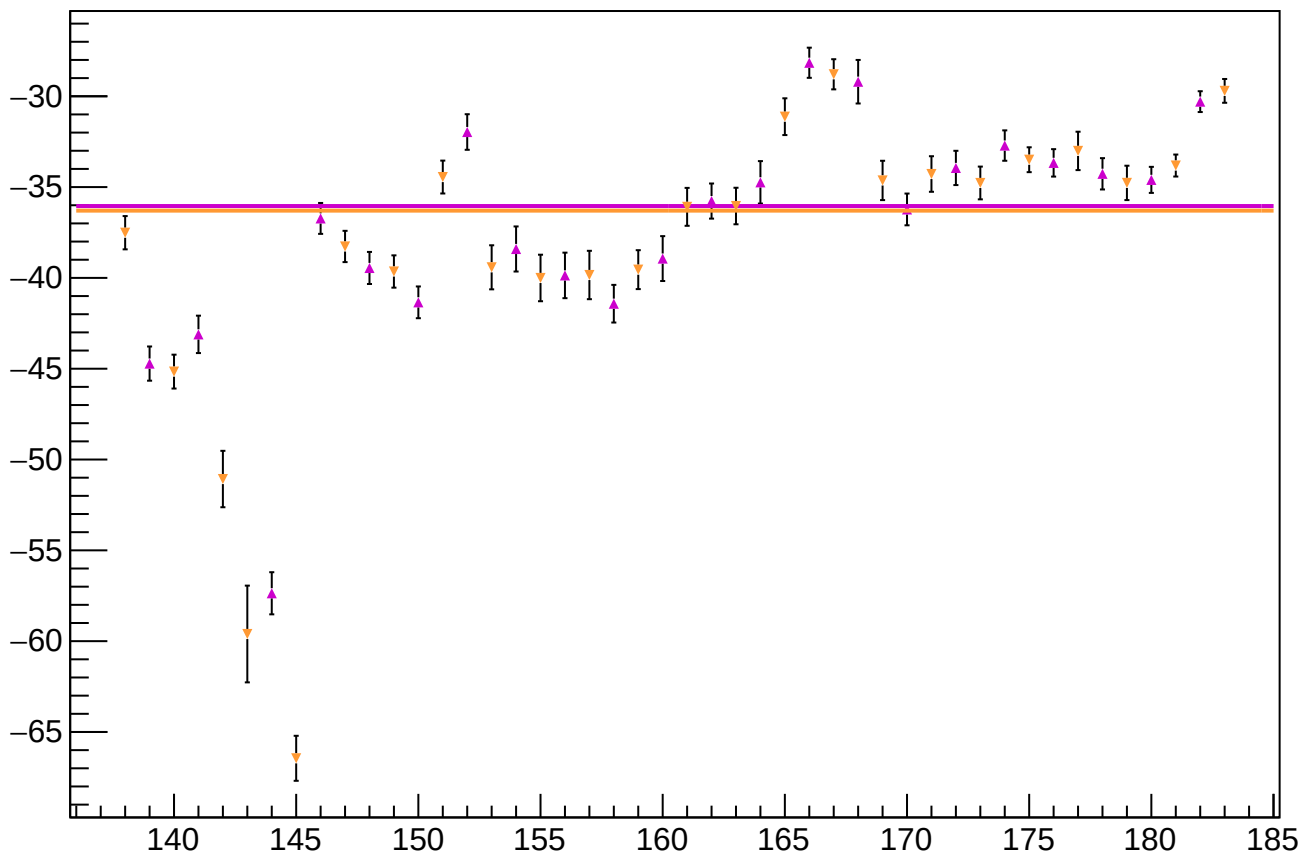
Right: -20.410 ± 0.011 χ^2/NDF : 122445.5/33

In: -19.983 ± 0.007 χ^2/NDF : 166382.8/37

Out: -20.322 ± 0.007 χ^2/NDF : 275721.8/41

All: -20.152 ± 0.005 χ^2/NDF : 443245.8/79

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: -36.296+/-0.193 χ^2/NDF :1171.4/23

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

Left In: -36.043+/-0.194 χ^2/NDF :848.6/21

Left: -36.170+/-0.137 χ^2/NDF : 2020.9/45

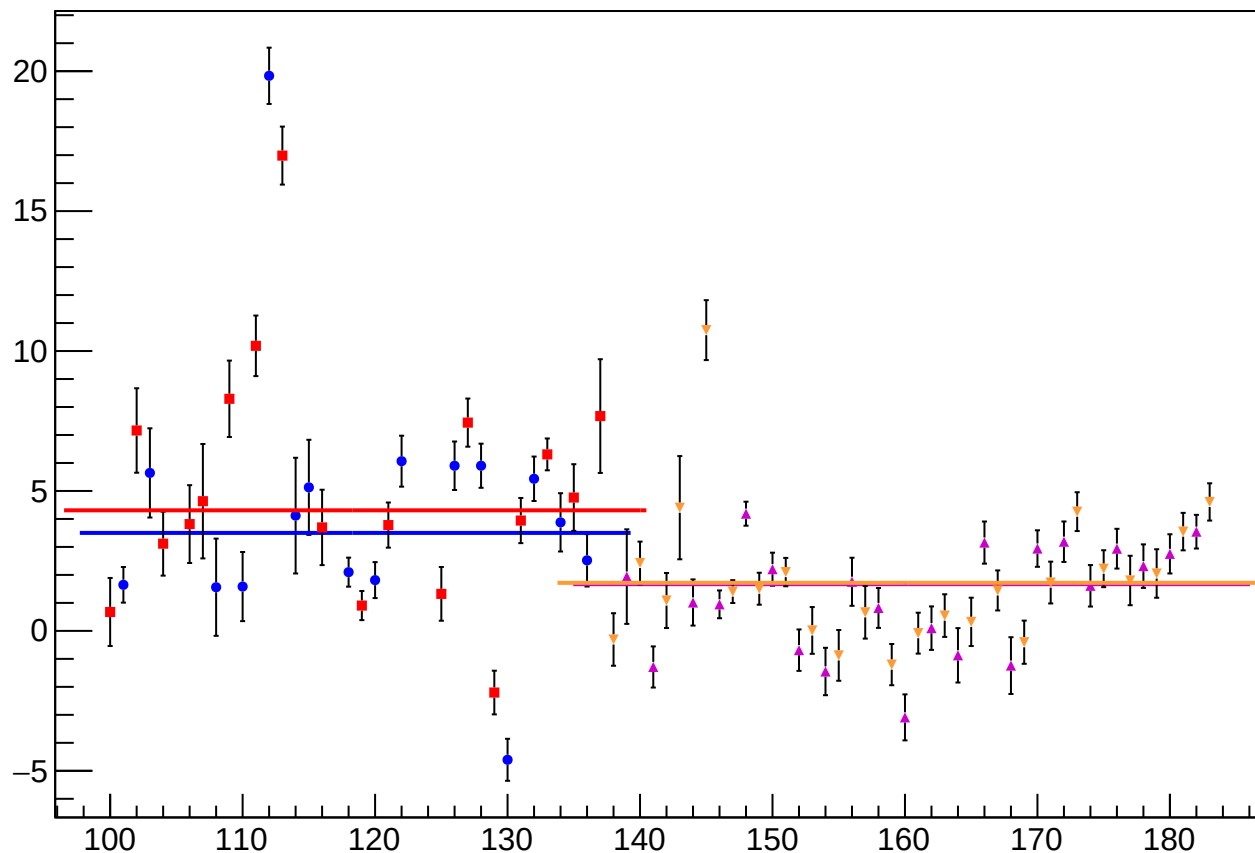
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.043+/-0.194 χ^2/NDF :848.6/21

Out: -36.296+/-0.193 χ^2/NDF :1171.4/23

All: -36.170+/-0.137 χ^2/NDF : 2020.9/45

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 χ^2/NDF : 441.9/15

Left Out: 1.717 ± 0.148 χ^2/NDF : 169.0/23

Right Out: 4.308 ± 0.221 χ^2/NDF : 352.8/17

Left In: 1.669 ± 0.151 χ^2/NDF : 160.2/21

Left: 1.693 ± 0.106 χ^2/NDF : 329.3/45

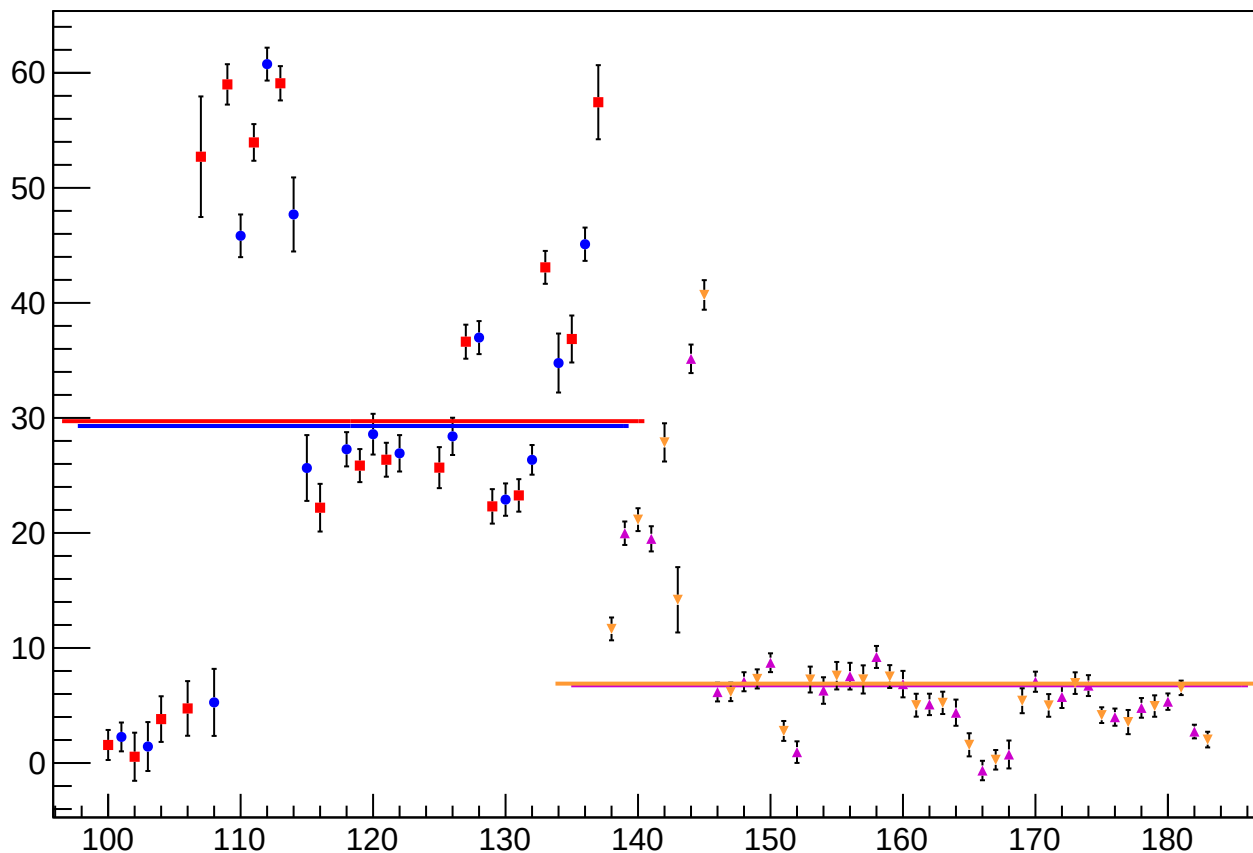
Right: 3.897 ± 0.155 χ^2/NDF : 801.4/33

In: 2.263 ± 0.124 χ^2/NDF : 650.1/37

Out: 2.519 ± 0.123 χ^2/NDF : 616.3/41

All: 2.392 ± 0.087 χ^2/NDF : 1268.6/79

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2 /NDF: 1485.2/15

Left Out: 6.901 $\pm$ 0.193 χ^2 /NDF:1293.3/23

Right Out: 29.719 $\pm$ 0.403 χ^2 /NDF: 2128.9/17

Left In: 6.755 $\pm$ 0.193 χ^2 /NDF:1057.8/21

Left: 6.828 $\pm$ 0.136 χ^2 /NDF: 2351.4/45

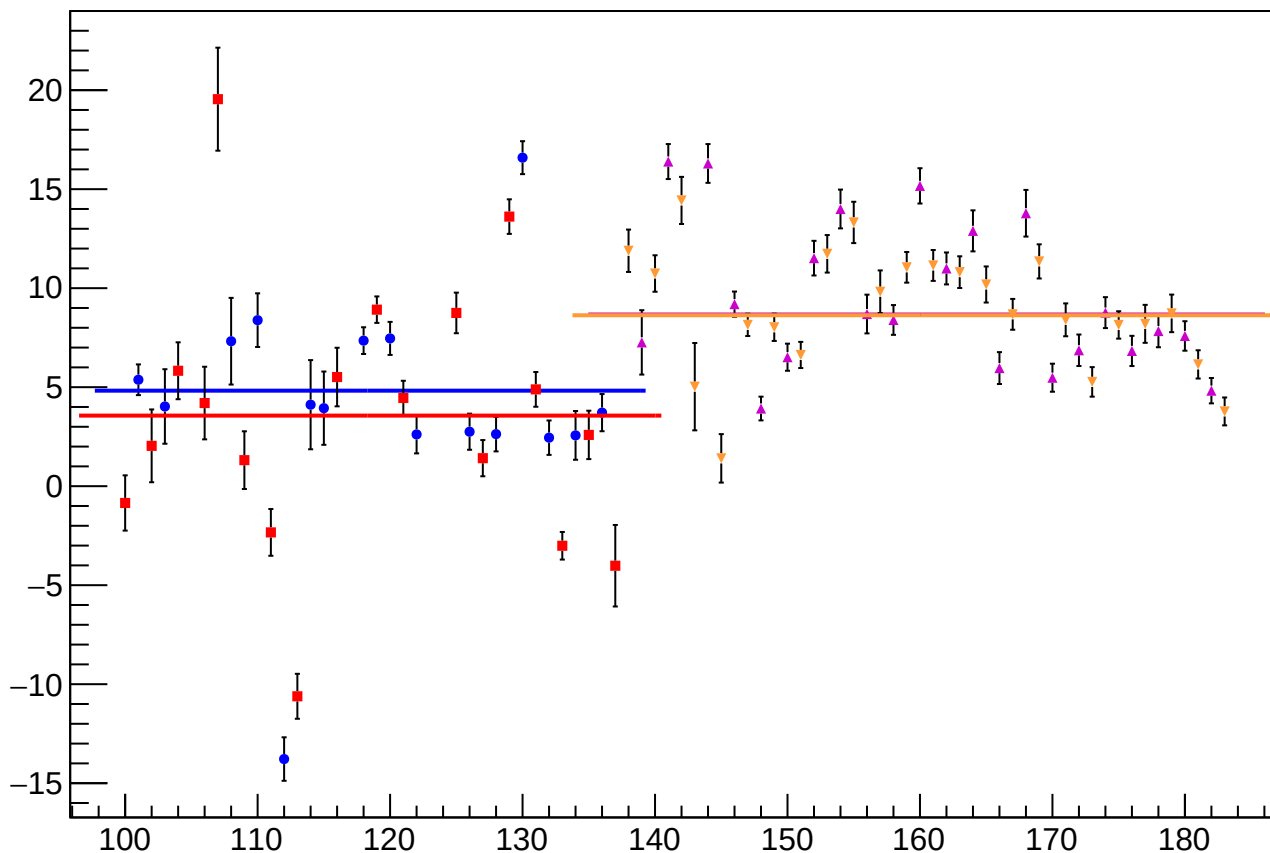
Right: 29.515 $\pm$ 0.290 χ^2 /NDF: 3614.7/33

In: 10.718 $\pm$ 0.175 χ^2 /NDF:4948.8/37

Out: 11.150 $\pm$ 0.174 χ^2 /NDF:6036.8/41

All: 10.936 $\pm$ 0.123 χ^2 /NDF: 10988.6/79

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 549.2/15

Left Out: 8.632 $\pm$ 0.170 χ^2 /NDF:239.9/23

Right Out: 3.564 $\pm$ 0.254 χ^2 /NDF: 570.2/17

Left In: 8.670 $\pm$ 0.172 χ^2 /NDF:430.3/21

Left: 8.651 $\pm$ 0.121 χ^2 /NDF: 670.2/45

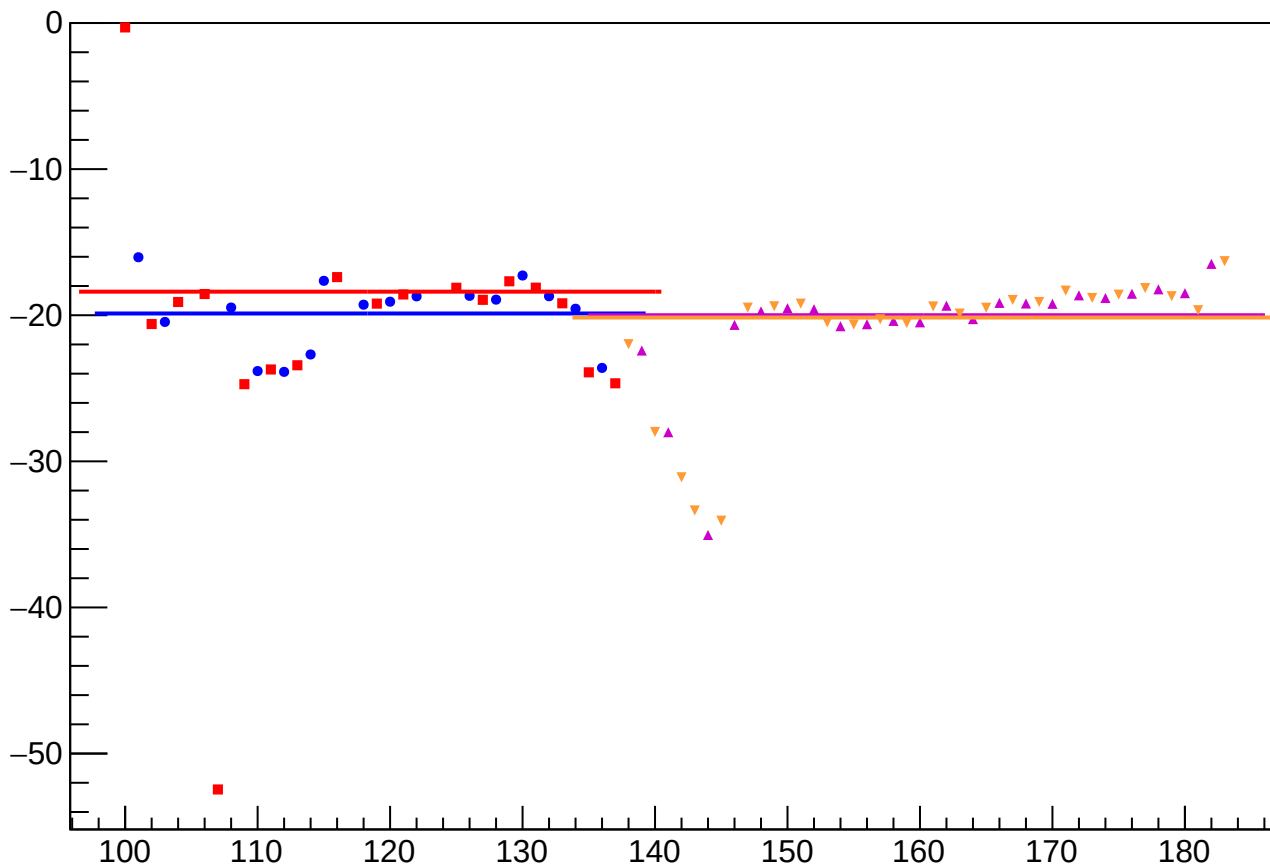
Right: 4.201 $\pm$ 0.179 χ^2 /NDF: 1131.9/33

In: 7.447 $\pm$ 0.142 χ^2 /NDF:1139.0/37

Out: 7.070 $\pm$ 0.141 χ^2 /NDF:1084.6/41

All: 7.258 $\pm$ 0.100 χ^2 /NDF: 2227.1/79

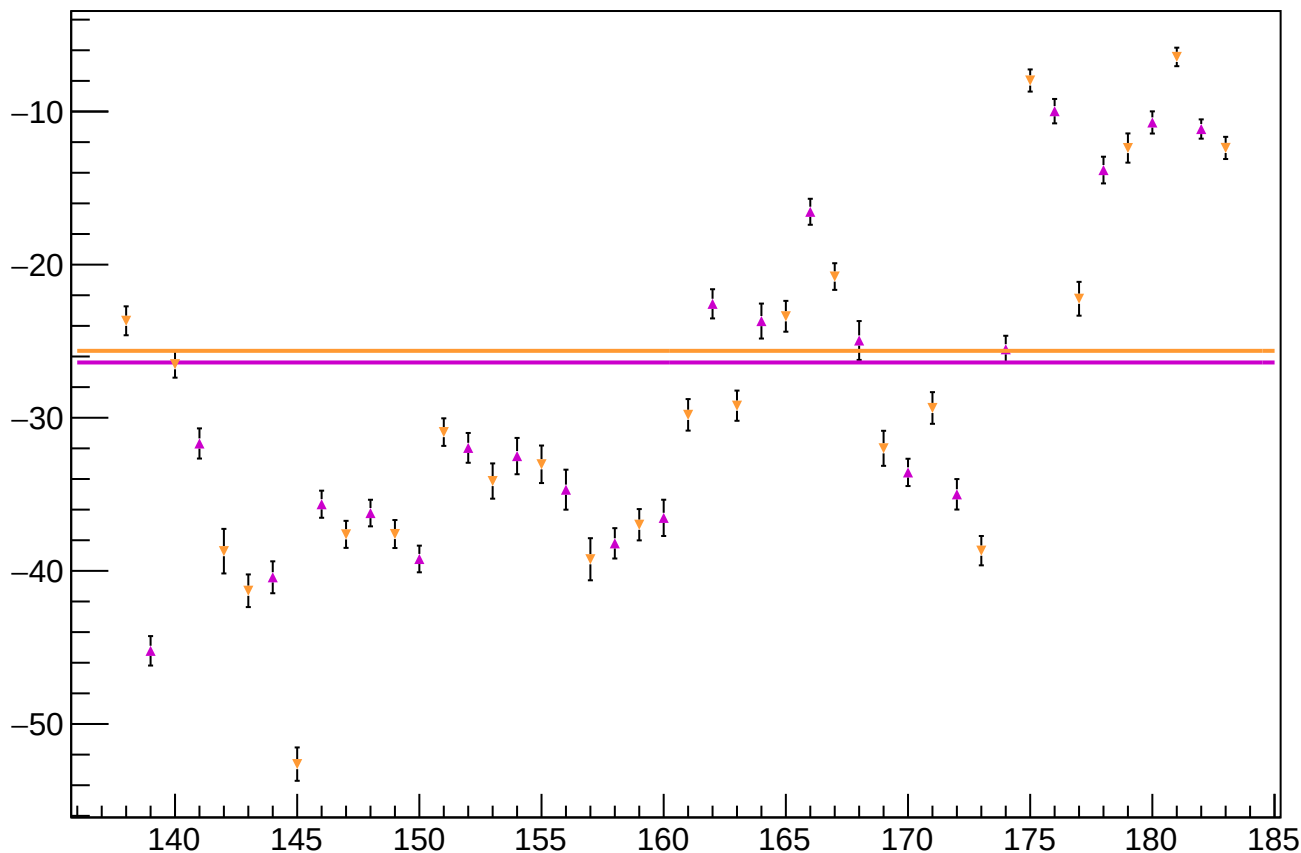
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$
 Left Out: -20.156 ± 0.008 $\chi^2/\text{NDF}: 179830.3/23$
 Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$
 Left In: -19.999 ± 0.008 $\chi^2/\text{NDF}: 140095.1/21$

Left: -20.077 ± 0.006 $\chi^2/\text{NDF}: 320120.9/45$
 Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$
 In: -19.975 ± 0.007 $\chi^2/\text{NDF}: 166223.5/37$
 Out: -19.756 ± 0.007 $\chi^2/\text{NDF}: 492233.5/41$
 All: -19.865 ± 0.005 $\chi^2/\text{NDF}: 658939.7/79$

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected

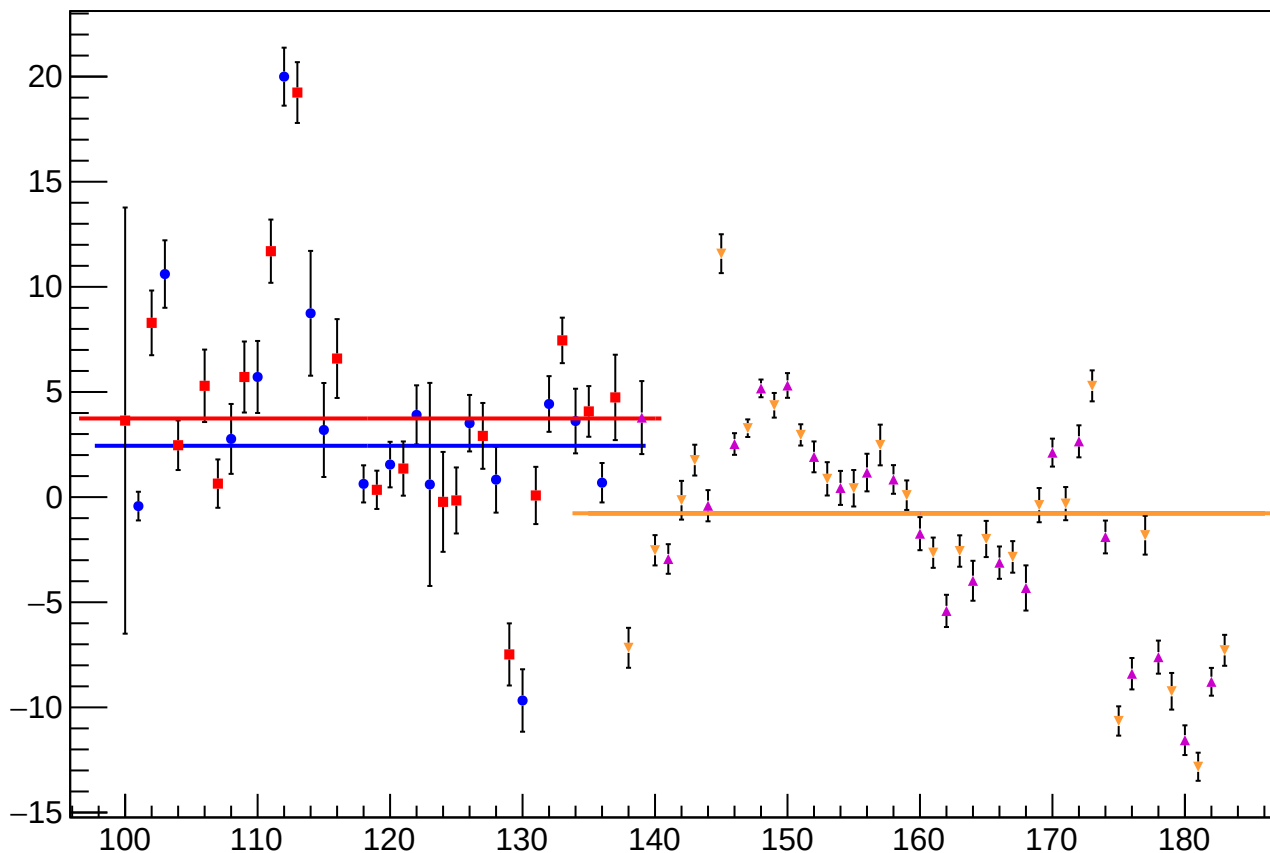


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -25.630+/-0.193 χ^2/NDF : 4054.2/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -26.390+/-0.197 χ^2/NDF : 3347.1/21

Left: -26.003+/-0.138 χ^2/NDF : 7408.9/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -26.390+/-0.197 χ^2/NDF : 3347.1/21
 Out: -25.630+/-0.193 χ^2/NDF : 4054.2/23

All: -26.003+/-0.138 χ^2/NDF : 7408.9/45

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 $\chi^2/\text{NDF}: 294.7/16$

Left Out: -0.768 ± 0.147 $\chi^2/\text{NDF}: 1276.3/23$

Right Out: 3.740 ± 0.326 $\chi^2/\text{NDF}: 268.1/18$

Left In: -0.775 ± 0.151 $\chi^2/\text{NDF}: 1060.6/21$

Left: -0.771 ± 0.106 $\chi^2/\text{NDF}: 2336.9/45$

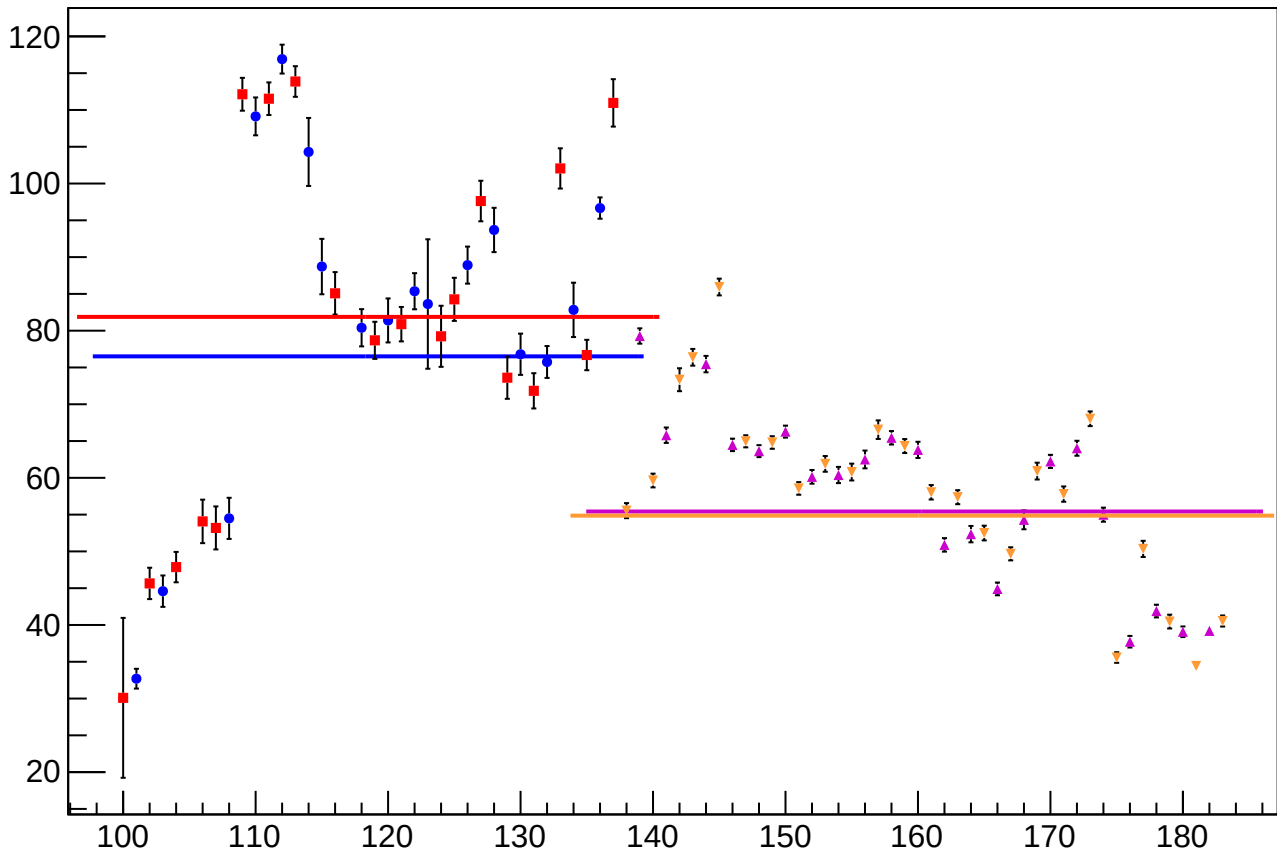
Right: 3.060 ± 0.225 $\chi^2/\text{NDF}: 571.1/35$

In: -0.159 ± 0.136 $\chi^2/\text{NDF}: 1441.6/38$

Out: -0.007 ± 0.134 $\chi^2/\text{NDF}: 1702.9/42$

All: -0.082 ± 0.096 $\chi^2/\text{NDF}: 3145.1/81$

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509 $\pm$ 0.574 χ^2 /NDF: 2250.9/16

Left Out: 54.862 $\pm$ 0.193 χ^2 /NDF: 4480.3/23

Right Out: 81.875 $\pm$ 0.592 χ^2 /NDF: 1570.7/18

Left In: 55.423 $\pm$ 0.195 χ^2 /NDF: 3786.4/21

Left: 55.139 $\pm$ 0.137 χ^2 /NDF: 8270.8/45

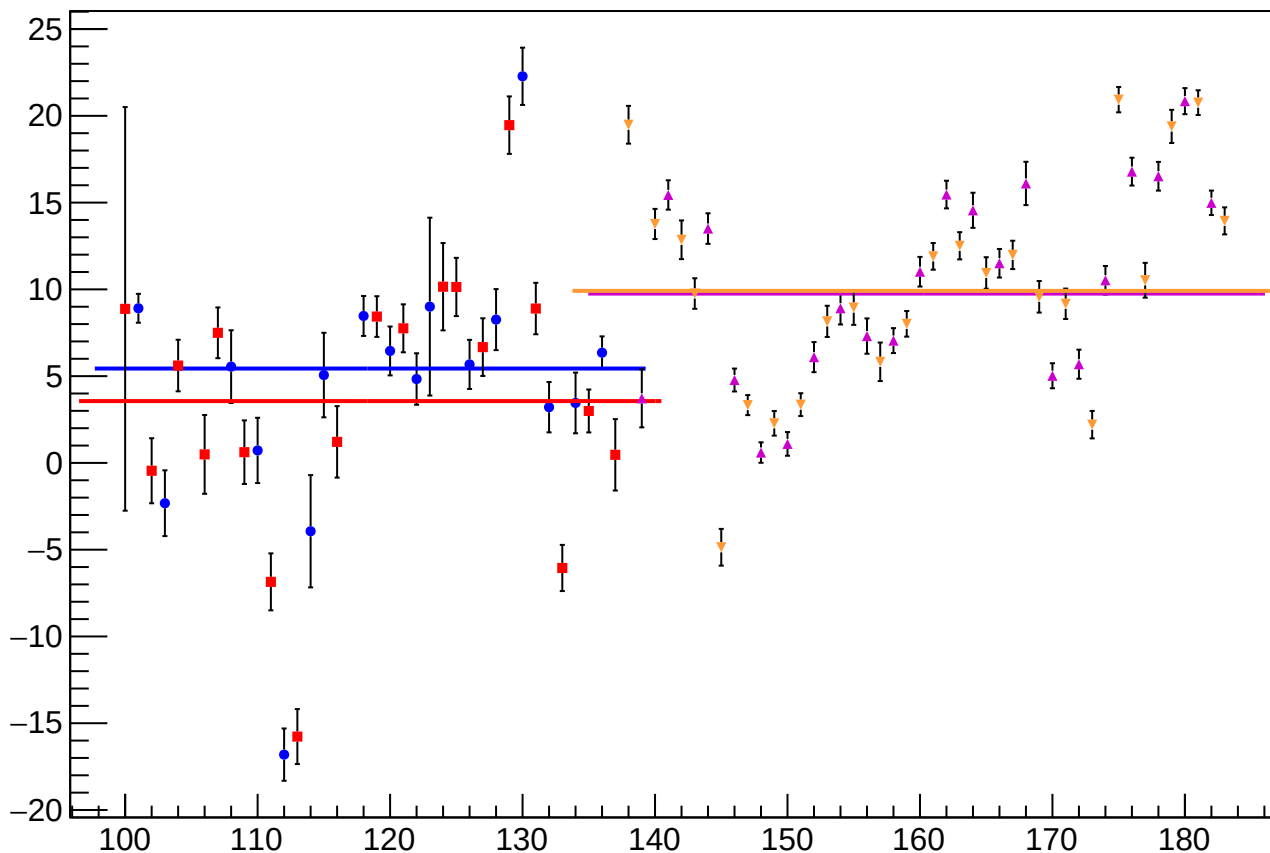
Right: 79.111 $\pm$ 0.412 χ^2 /NDF: 3864.0/35

In: 57.612 $\pm$ 0.185 χ^2 /NDF: 7246.1/38

Out: 57.456 $\pm$ 0.183 χ^2 /NDF: 7934.9/42

All: 57.533 $\pm$ 0.130 χ^2 /NDF: 15181.4/81

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439+/-0.358 χ^2/NDF : 386.2/16

Left Out: 9.914+/-0.169 χ^2/NDF :1374.8/23

Right Out: 3.563+/-0.375 χ^2/NDF : 420.8/18

Left In: 9.758+/-0.173 χ^2/NDF :1165.1/21

Left: 9.838+/-0.121 χ^2/NDF : 2540.3/45

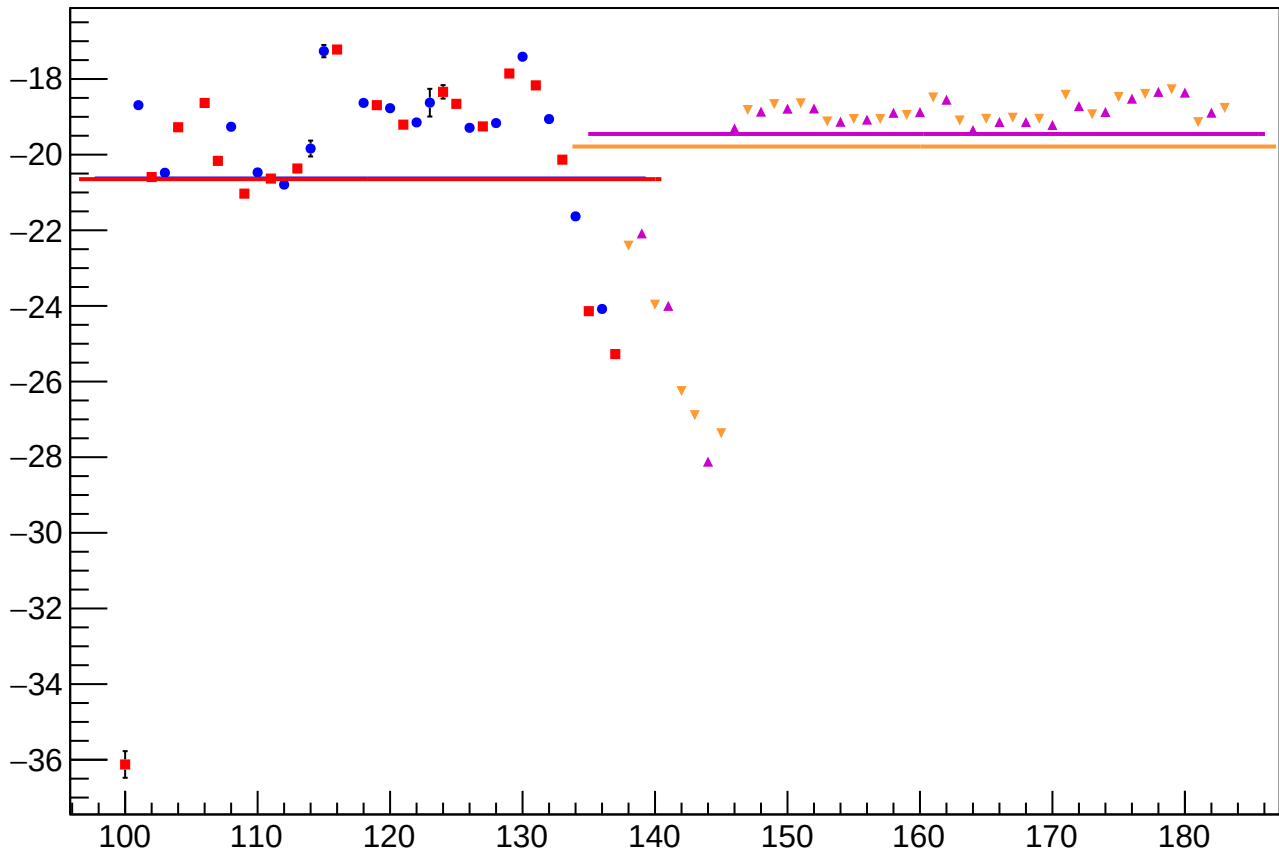
Right: 4.545+/-0.259 χ^2/NDF : 820.1/35

In: 8.939+/-0.156 χ^2/NDF :1669.4/38

Out: 8.843+/-0.154 χ^2/NDF :2034.1/42

All: 8.891+/-0.109 χ^2/NDF : 3703.6/81

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 ± 0.019 $\chi^2/\text{NDF}: 12501.6/16$

Left Out: -19.785 ± 0.008 $\chi^2/\text{NDF}: 91355.4/23$

Right Out: -20.647 ± 0.019 $\chi^2/\text{NDF}: 13908.9/18$

Left In: -19.453 ± 0.008 $\chi^2/\text{NDF}: 54020.7/21$

Left: -19.620 ± 0.006 $\chi^2/\text{NDF}: 146238.7/45$

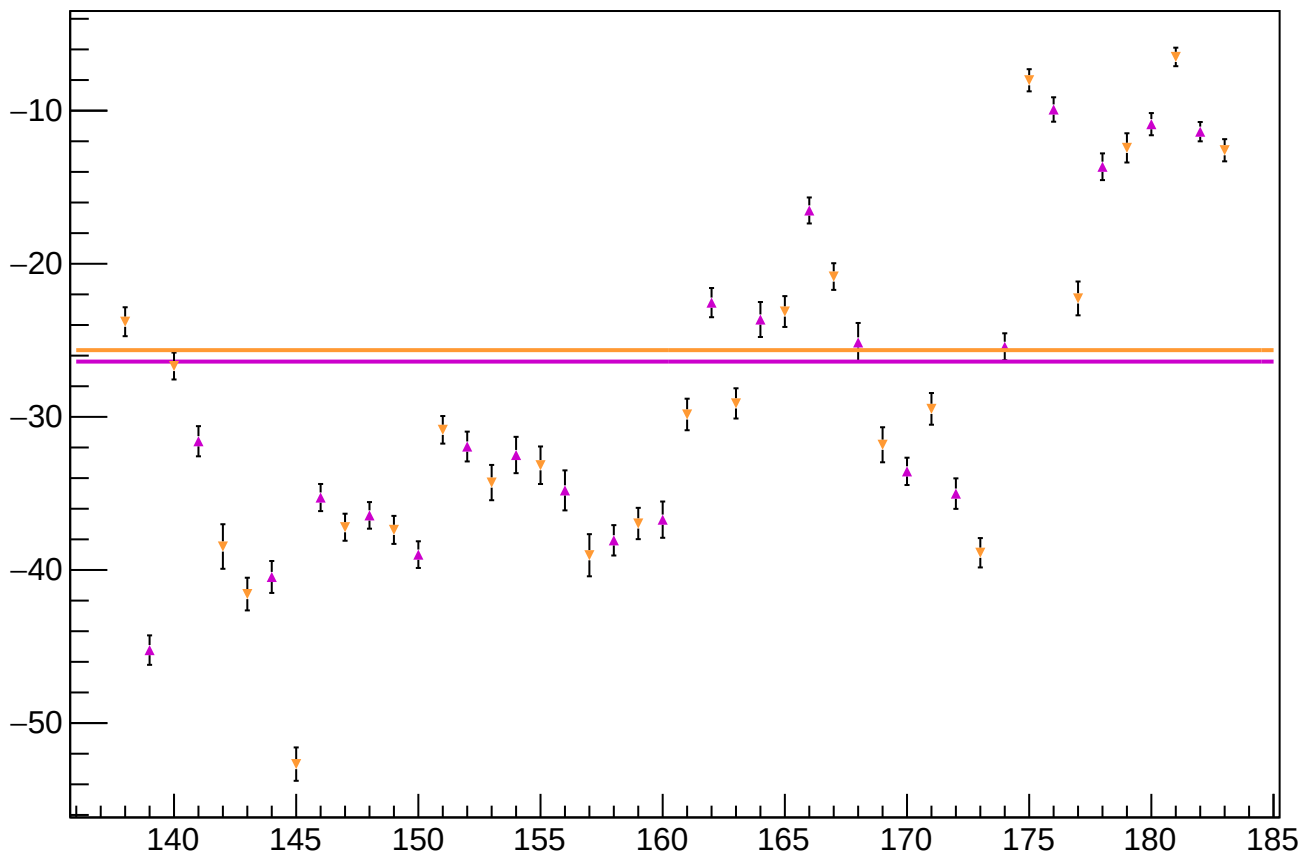
Right: -20.639 ± 0.014 $\chi^2/\text{NDF}: 26410.8/35$

In: -19.626 ± 0.007 $\chi^2/\text{NDF}: 69703.6/38$

Out: -19.909 ± 0.007 $\chi^2/\text{NDF}: 106951.7/42$

All: -19.768 ± 0.005 $\chi^2/\text{NDF}: 177387.0/81$

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: -25.642+/-0.193 χ^2/NDF : 4022.3/23

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

Left In: -26.389+/-0.197 χ^2/NDF : 3313.2/21

Left: -26.009+/-0.138 χ^2/NDF : 7342.9/45

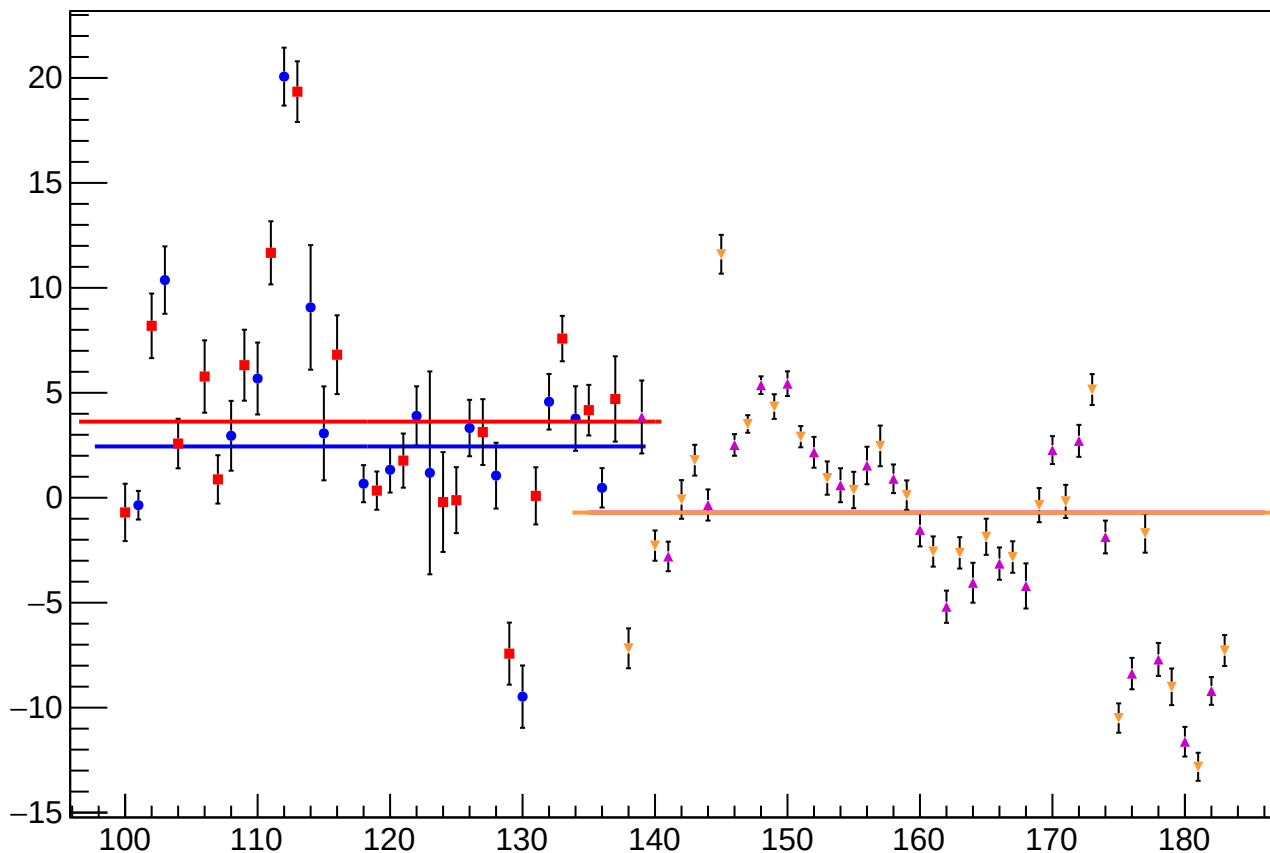
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.389+/-0.197 χ^2/NDF : 3313.2/21

Out: -25.642+/-0.193 χ^2/NDF : 4022.3/23

All: -26.009+/-0.138 χ^2/NDF : 7342.9/45

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.312 χ^2/NDF : 292.7/16

Left Out: -0.706 ± 0.147 χ^2/NDF : 1268.4/23

Right Out: 3.626 ± 0.318 χ^2/NDF : 278.9/18

Left In: -0.703 ± 0.152 χ^2/NDF : 1099.4/21

Left: -0.705 ± 0.106 χ^2/NDF : 2367.9/45

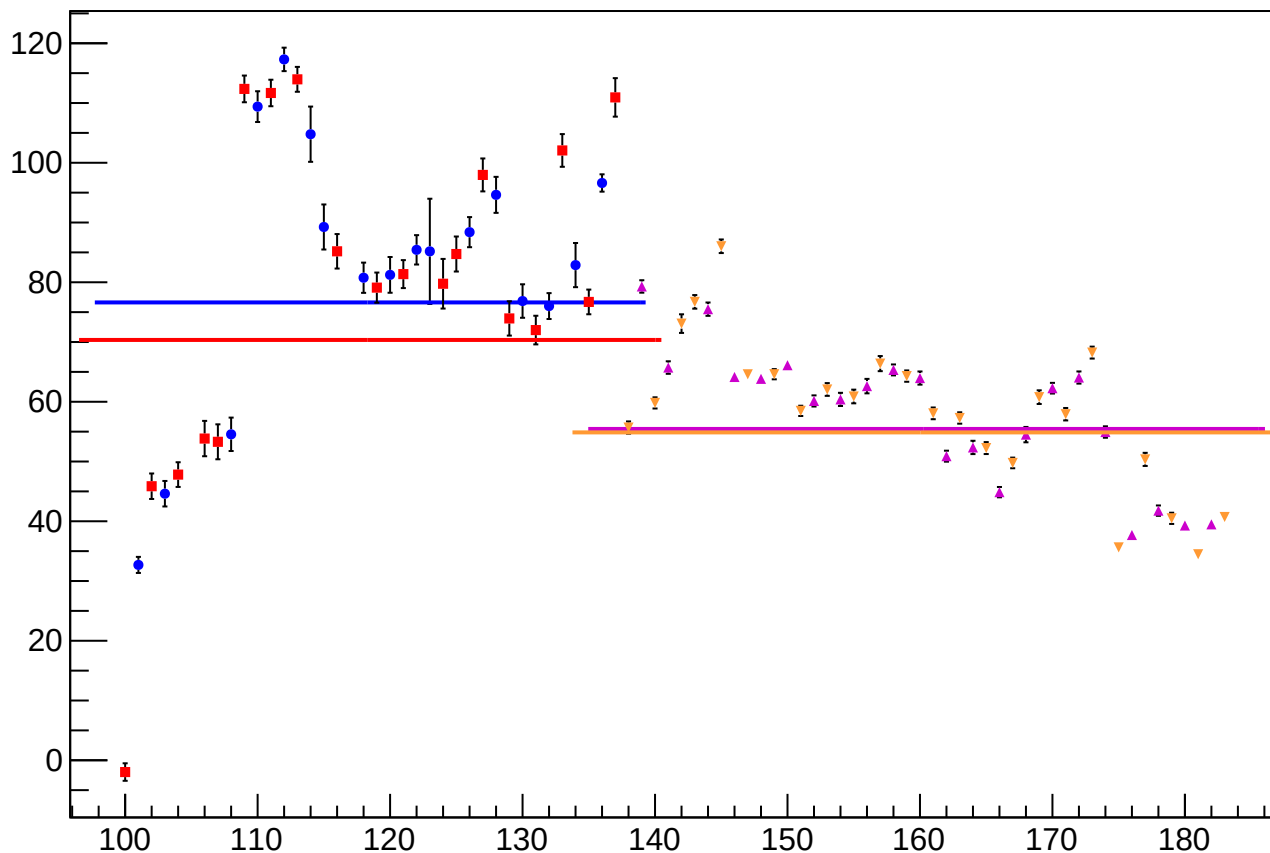
Right: 3.024 ± 0.223 χ^2/NDF : 578.6/35

In: -0.100 ± 0.136 χ^2/NDF : 1474.6/38

Out: 0.058 ± 0.134 χ^2/NDF : 1700.3/42

All: -0.019 ± 0.095 χ^2/NDF : 3175.6/81

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2/NDF : 2262.8/16

Left Out: 54.873 $\pm$ 0.193 χ^2/NDF : 4460.0/23

Right Out: 70.347 $\pm$ 0.550 χ^2/NDF : 4388.1/18

Left In: 55.451 $\pm$ 0.196 χ^2/NDF : 3746.8/21

Left: 55.158 $\pm$ 0.137 χ^2/NDF : 8211.2/45

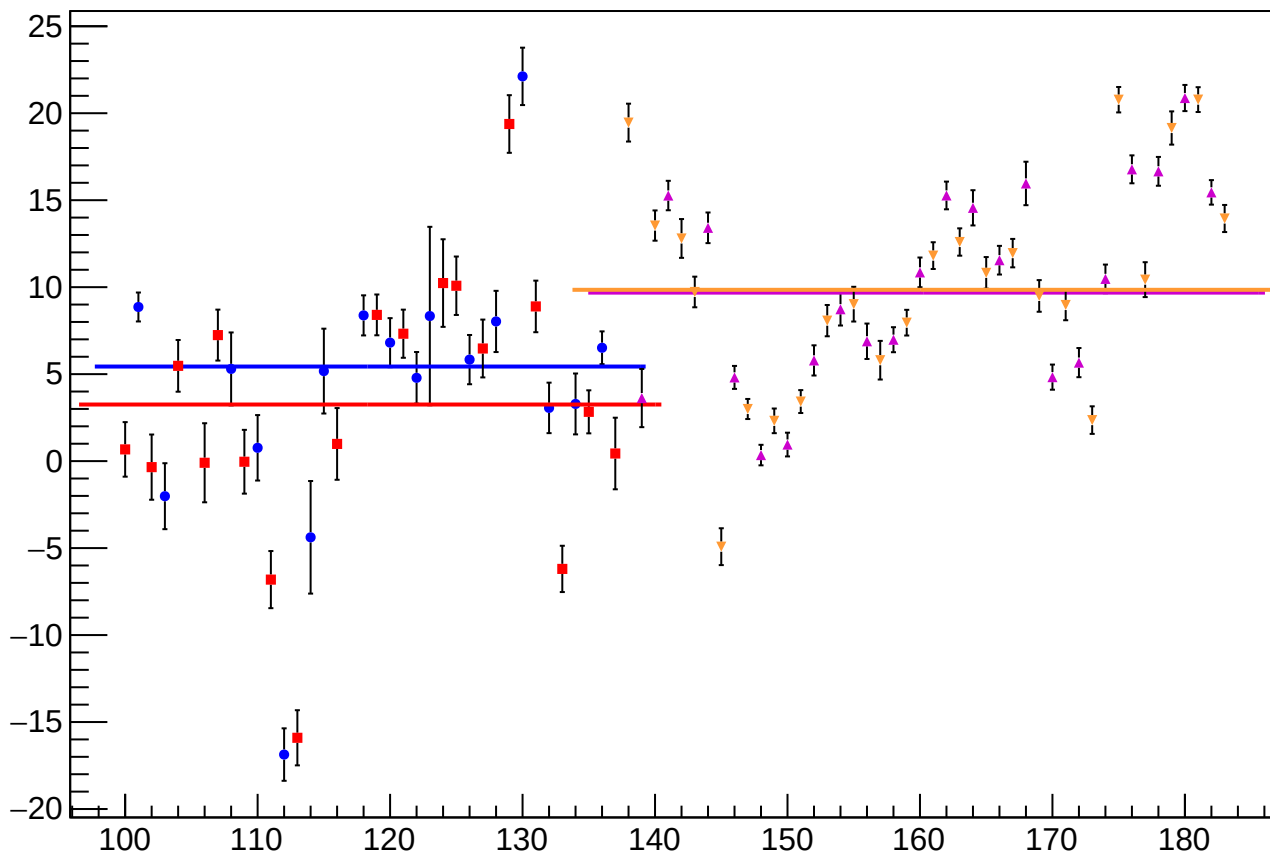
Right: 73.348 $\pm$ 0.397 χ^2/NDF : 6713.3/35

In: 57.650 $\pm$ 0.185 χ^2/NDF : 7227.2/38

Out: 56.571 $\pm$ 0.182 χ^2/NDF : 9553.8/42

All: 57.102 $\pm$ 0.130 χ^2/NDF : 16798.3/81

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 χ^2/NDF : 384.5/16

Left Out: 9.848 ± 0.169 χ^2/NDF : 1369.3/23

Right Out: 3.253 ± 0.365 χ^2/NDF : 423.7/18

Left In: 9.687 ± 0.173 χ^2/NDF : 1197.3/21

Left: 9.769 ± 0.121 χ^2/NDF : 2567.1/45

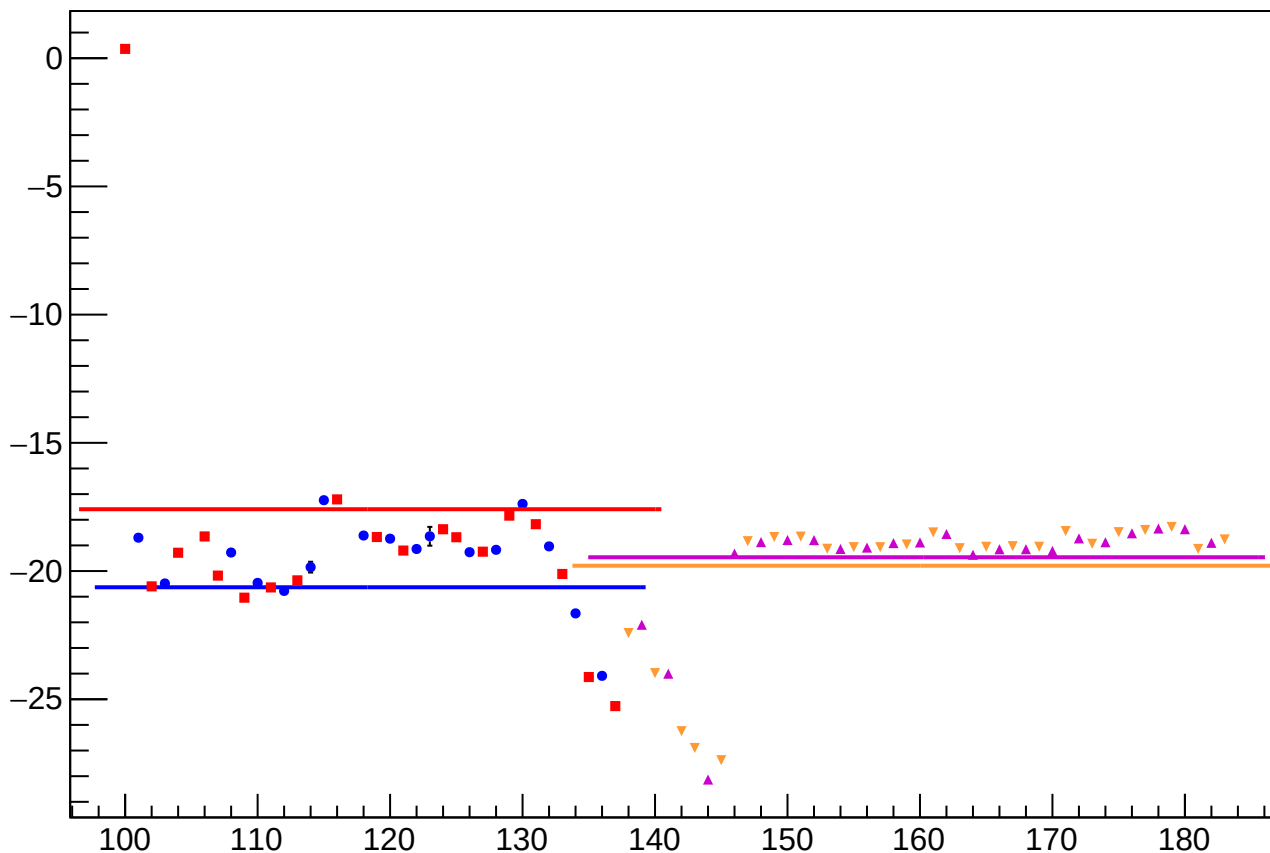
Right: 4.367 ± 0.256 χ^2/NDF : 826.5/35

In: 8.881 ± 0.156 χ^2/NDF : 1696.0/38

Out: 8.685 ± 0.153 χ^2/NDF : 2061.8/42

All: 8.782 ± 0.109 χ^2/NDF : 3758.6/81

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$

Left Out: -19.793 ± 0.008 $\chi^2/\text{NDF}: 91250.6/23$

Right Out: -17.589 ± 0.018 $\chi^2/\text{NDF}: 178672.3/18$

Left In: -19.463 ± 0.008 $\chi^2/\text{NDF}: 53975.8/21$

Left: -19.629 ± 0.006 $\chi^2/\text{NDF}: 146079.1/45$

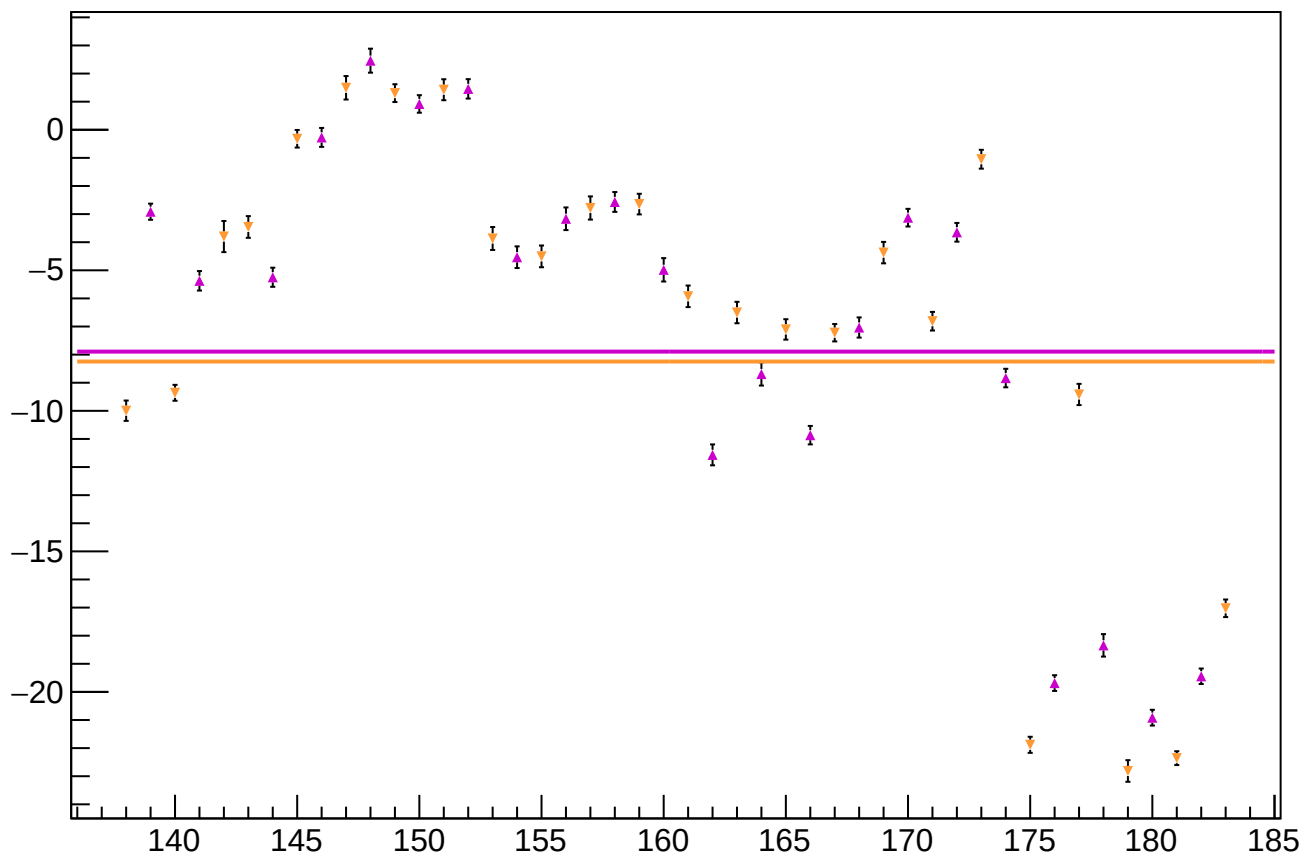
Right: -19.006 ± 0.013 $\chi^2/\text{NDF}: 204500.0/35$

In: -19.635 ± 0.007 $\chi^2/\text{NDF}: 69650.2/38$

Out: -19.432 ± 0.007 $\chi^2/\text{NDF}: 282439.7/42$

All: -19.532 ± 0.005 $\chi^2/\text{NDF}: 352470.0/81$

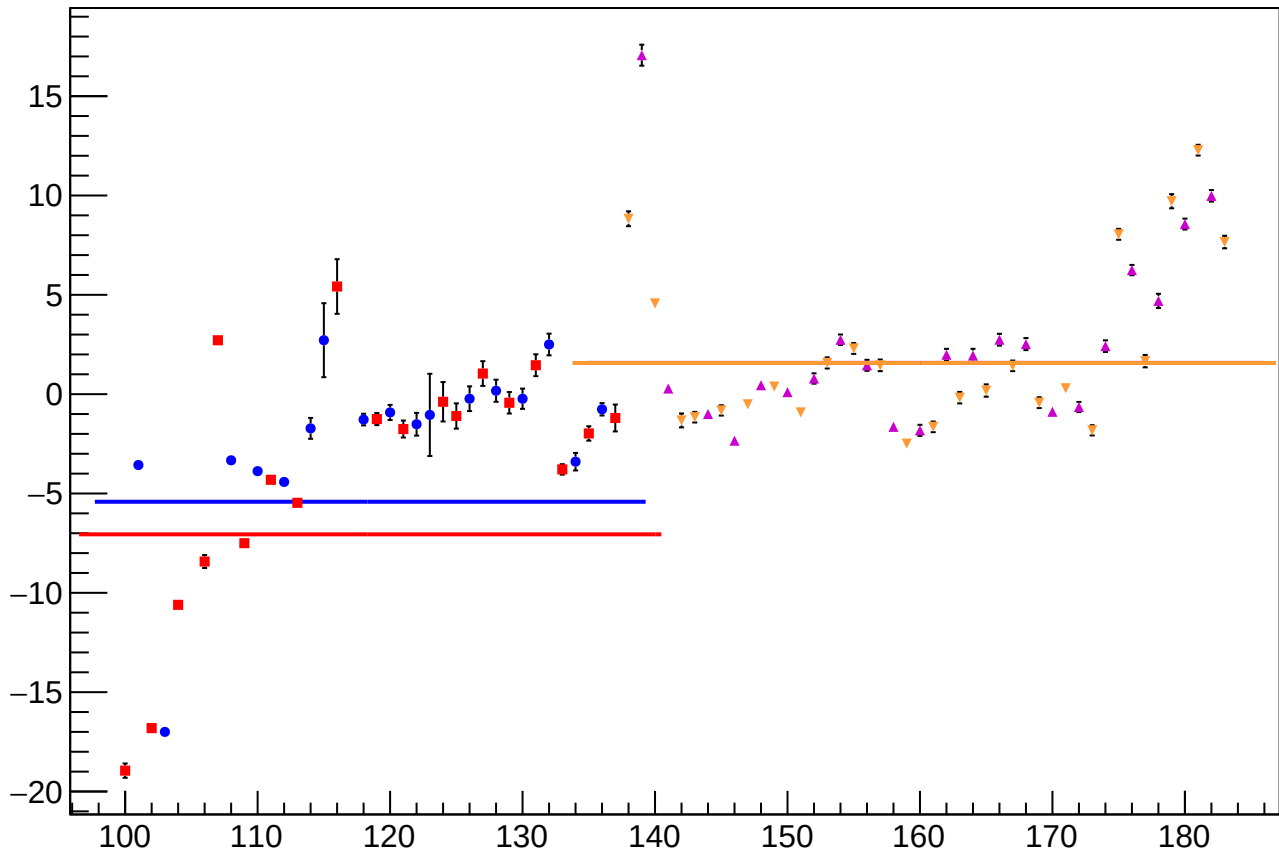
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -8.246 $\pm$ 0.071 χ^2 /NDF:12104.2/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -7.893 $\pm$ 0.072 χ^2 /NDF:10499.4/21

Left: -8.072 $\pm$ 0.051 χ^2 /NDF: 22615.9/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -7.893 $\pm$ 0.072 χ^2 /NDF:10499.4/21
 Out: -8.246 $\pm$ 0.071 χ^2 /NDF:12104.2/23
 All: -8.072 $\pm$ 0.051 χ^2 /NDF: 22615.9/45

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 ± 0.055 χ^2/NDF : 9255.1/16

Left Out: 1.571 ± 0.055 χ^2/NDF : 4784.5/23

Right Out: -7.056 ± 0.059 χ^2/NDF : 12334.0/18

Left In: 1.574 ± 0.057 χ^2/NDF : 3868.0/21

Left: 1.573 ± 0.039 χ^2/NDF : 8652.5/45

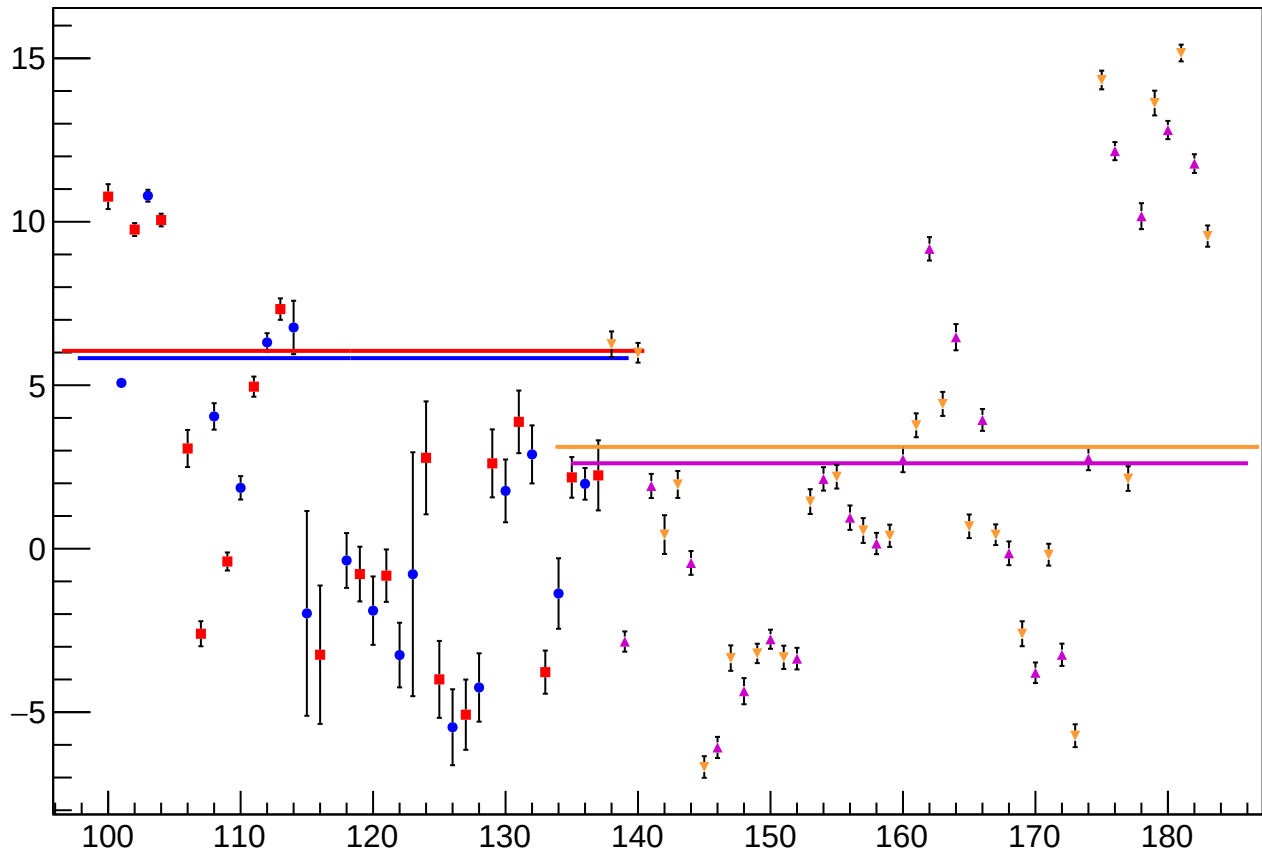
Right: -6.174 ± 0.040 χ^2/NDF : 22004.4/35

In: -2.047 ± 0.039 χ^2/NDF : 20975.3/38

Out: -2.419 ± 0.040 χ^2/NDF : 28605.1/42

All: -2.229 ± 0.028 χ^2/NDF : 49624.2/81

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 $\chi^2/\text{NDF}: 1448.3/16$

Left Out: 3.114 ± 0.071 $\chi^2/\text{NDF}: 8284.8/23$

Right Out: 6.051 ± 0.093 $\chi^2/\text{NDF}: 2674.1/18$

Left In: 2.612 ± 0.072 $\chi^2/\text{NDF}: 7281.0/21$

Left: 2.866 ± 0.050 $\chi^2/\text{NDF}: 15590.6/45$

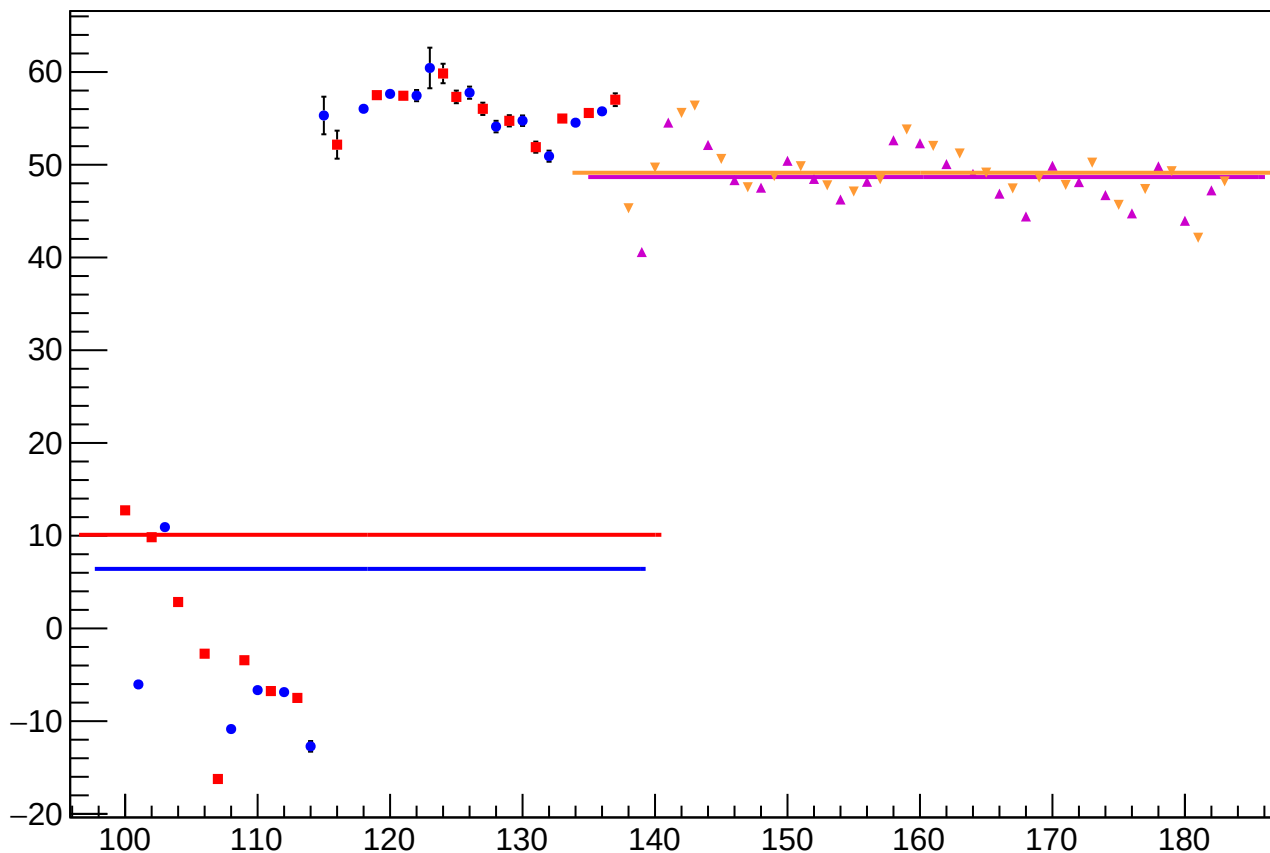
Right: 5.936 ± 0.065 $\chi^2/\text{NDF}: 4125.3/35$

In: 3.867 ± 0.056 $\chi^2/\text{NDF}: 9514.9/38$

Out: 4.188 ± 0.056 $\chi^2/\text{NDF}: 11587.6/42$

All: 4.027 ± 0.040 $\chi^2/\text{NDF}: 21118.8/81$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421 ± 0.065 χ^2/NDF : 123109.7/16

Left Out: 49.138 ± 0.062 χ^2/NDF : 2252.3/23

Right Out: 10.096 ± 0.070 χ^2/NDF : 122124.3/18

Left In: 48.672 ± 0.064 χ^2/NDF : 2056.1/21

Left: 48.912 ± 0.045 χ^2/NDF : 4335.7/45

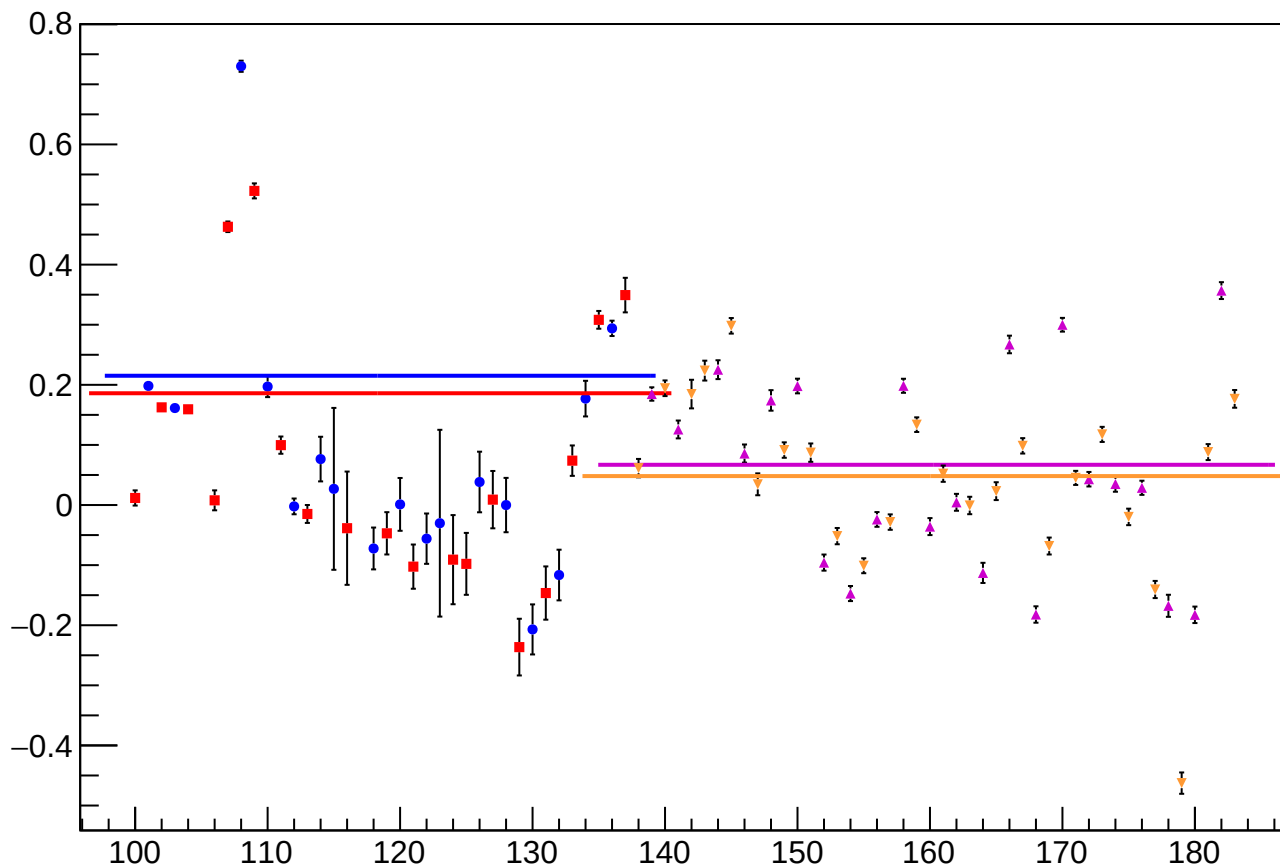
Right: 8.122 ± 0.047 χ^2/NDF : 246726.1/35

In: 27.783 ± 0.046 χ^2/NDF : 340564.9/38

Out: 31.827 ± 0.046 χ^2/NDF : 298961.4/42

All: 29.765 ± 0.032 χ^2/NDF : 643395.7/81

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215+/-0.003 χ^2/NDF : 3927.2/16

Left Out: 0.048+/-0.003 χ^2/NDF : 2187.0/23

Right Out: 0.186+/-0.003 χ^2/NDF : 2719.3/18

Left In: 0.067+/-0.003 χ^2/NDF : 3070.8/21

Left: 0.058+/-0.002 χ^2/NDF : 5279.4/45

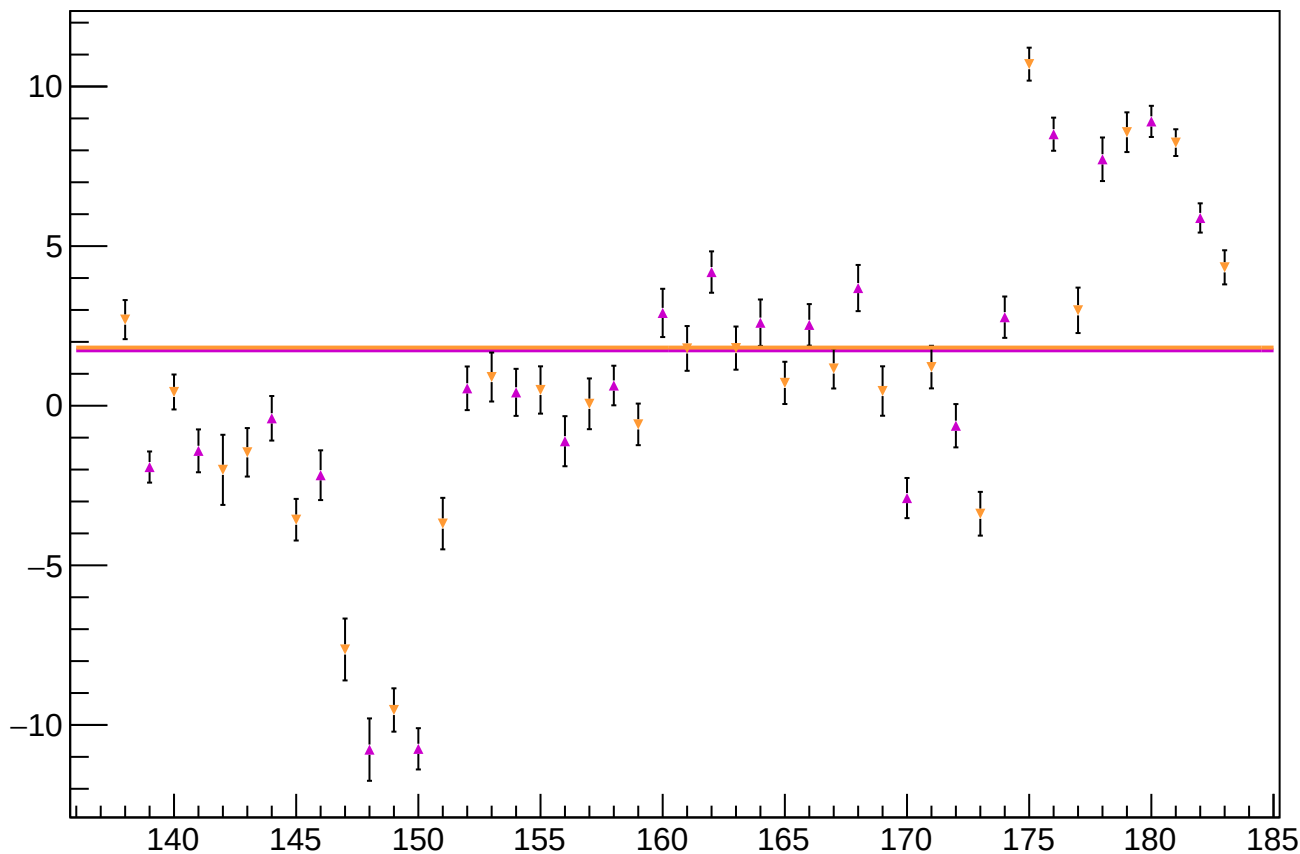
Right: 0.200+/-0.002 χ^2/NDF : 6703.5/35

In: 0.144+/-0.002 χ^2/NDF : 8380.3/38

Out: 0.121+/-0.002 χ^2/NDF : 6142.5/42

All: 0.132+/-0.001 χ^2/NDF : 14586.9/81

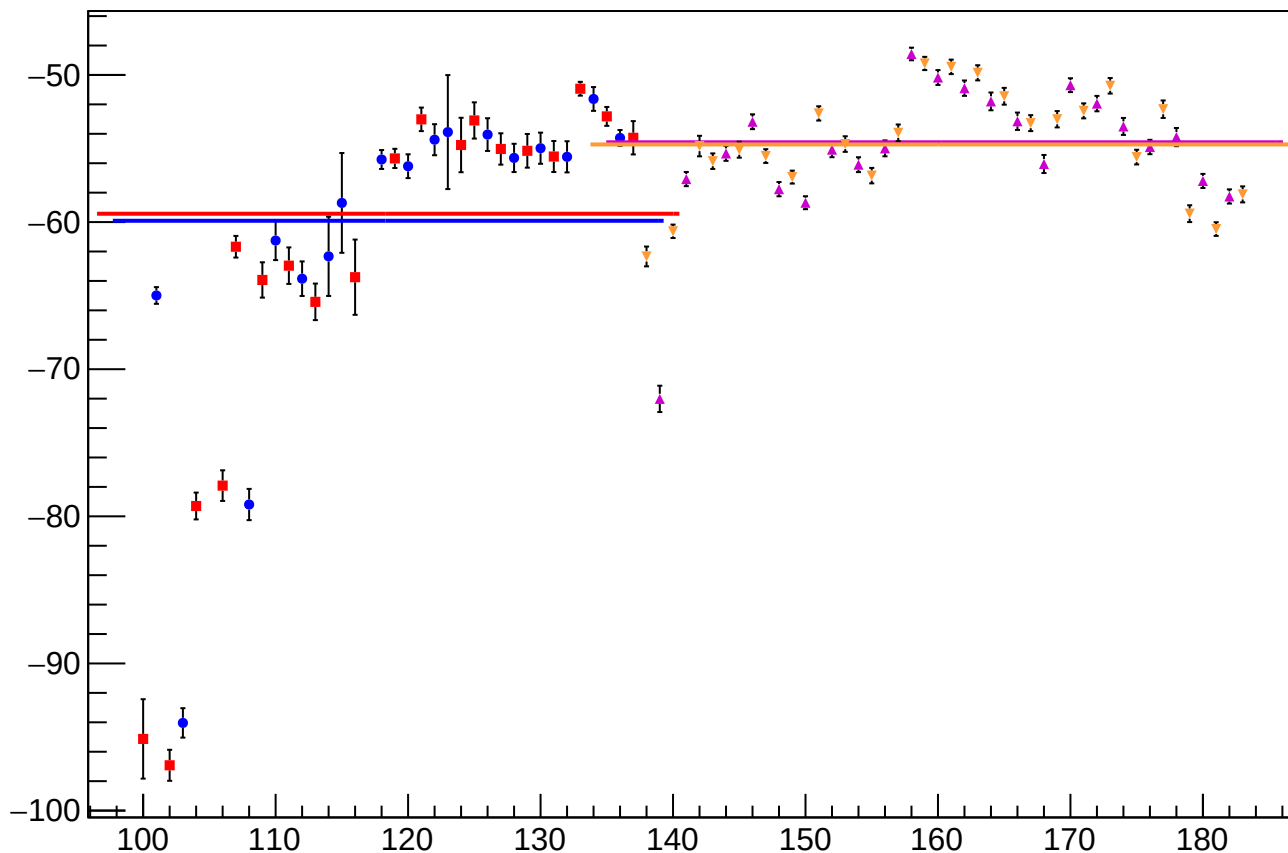
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 1.821 $\pm$ 0.134 χ^2 /NDF:1291.1/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.736 $\pm$ 0.136 χ^2 /NDF:1312.7/21

Left: 1.779 $\pm$ 0.095 χ^2 /NDF: 2604.0/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.736 $\pm$ 0.136 χ^2 /NDF:1312.7/21
 Out: 1.821 $\pm$ 0.134 χ^2 /NDF:1291.1/23
 All: 1.779 $\pm$ 0.095 χ^2 /NDF: 2604.0/45

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 ± 0.223 χ^2/NDF : 1980.8/16

Left Out: -54.723 ± 0.106 χ^2/NDF : 1124.4/23

Right Out: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -54.576 ± 0.111 χ^2/NDF : 1097.2/21

Left: -54.652 ± 0.077 χ^2/NDF : 2222.5/45

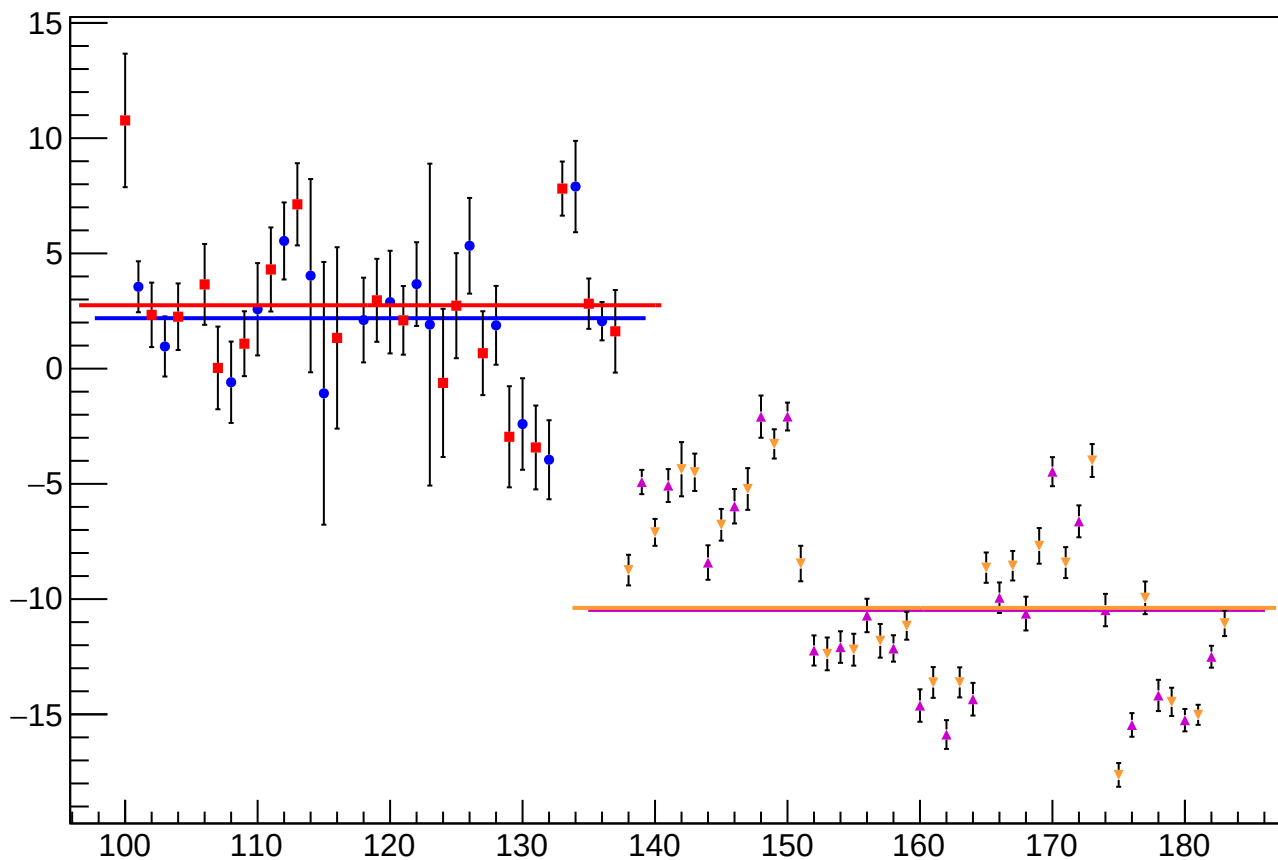
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -55.627 ± 0.099 χ^2/NDF : 3536.7/38

Out: -55.674 ± 0.095 χ^2/NDF : 4438.3/42

All: -55.651 ± 0.069 χ^2/NDF : 7975.1/81

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -10.381 ± 0.134 $\chi^2/\text{NDF}: 850.2/23$

Right Out: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$

Left In: -10.471 ± 0.135 $\chi^2/\text{NDF}: 1011.1/21$

Left: -10.425 ± 0.095 $\chi^2/\text{NDF}: 1861.6/45$

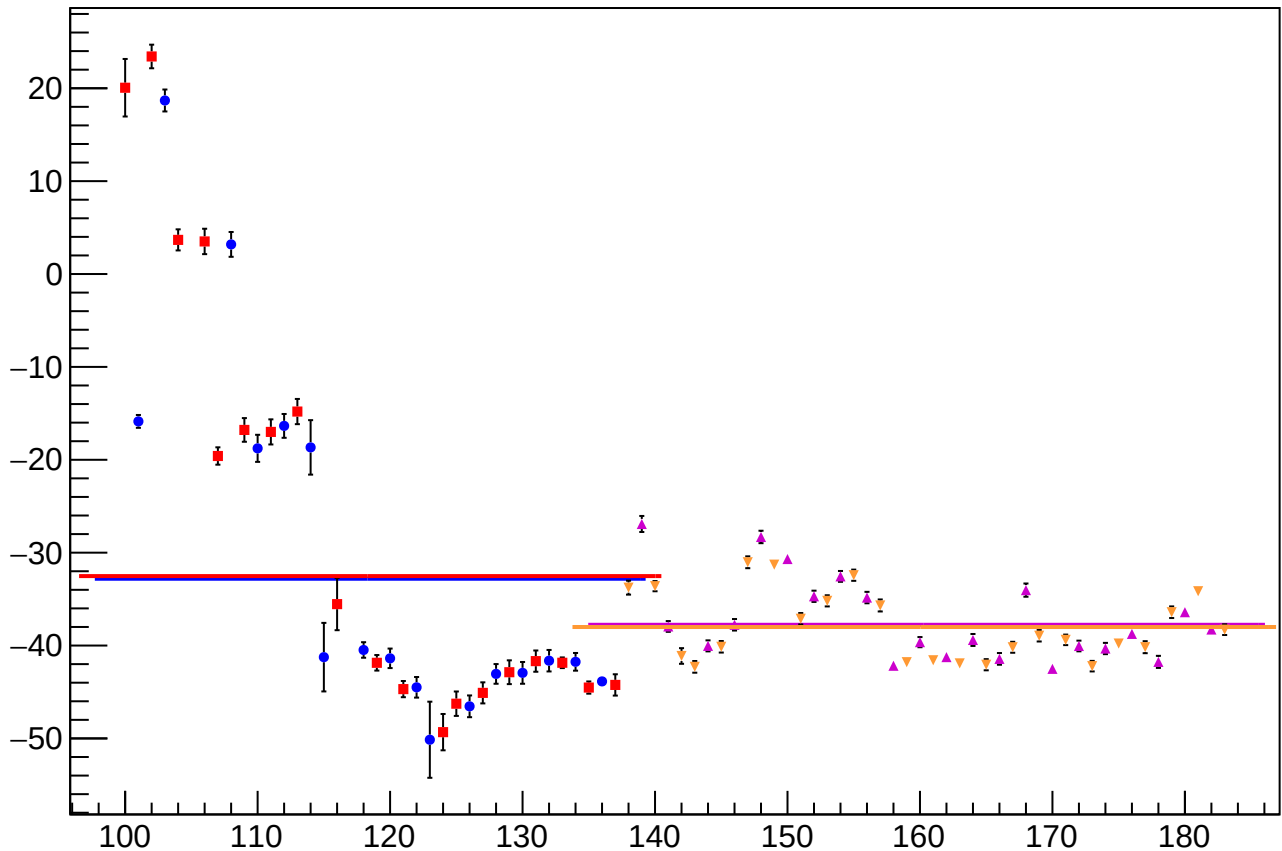
Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$

In: -9.194 ± 0.128 $\chi^2/\text{NDF}: 1930.7/38$

Out: -8.979 ± 0.127 $\chi^2/\text{NDF}: 1935.4/42$

All: -9.085 ± 0.090 $\chi^2/\text{NDF}: 3867.5/81$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$

Left Out: -38.005 ± 0.120 $\chi^2/\text{NDF}: 945.8/23$

Right Out: -32.522 ± 0.244 $\chi^2/\text{NDF}: 6040.2/18$

Left In: -37.764 ± 0.123 $\chi^2/\text{NDF}: 1078.5/21$

Left: -37.888 ± 0.086 $\chi^2/\text{NDF}: 2026.3/45$

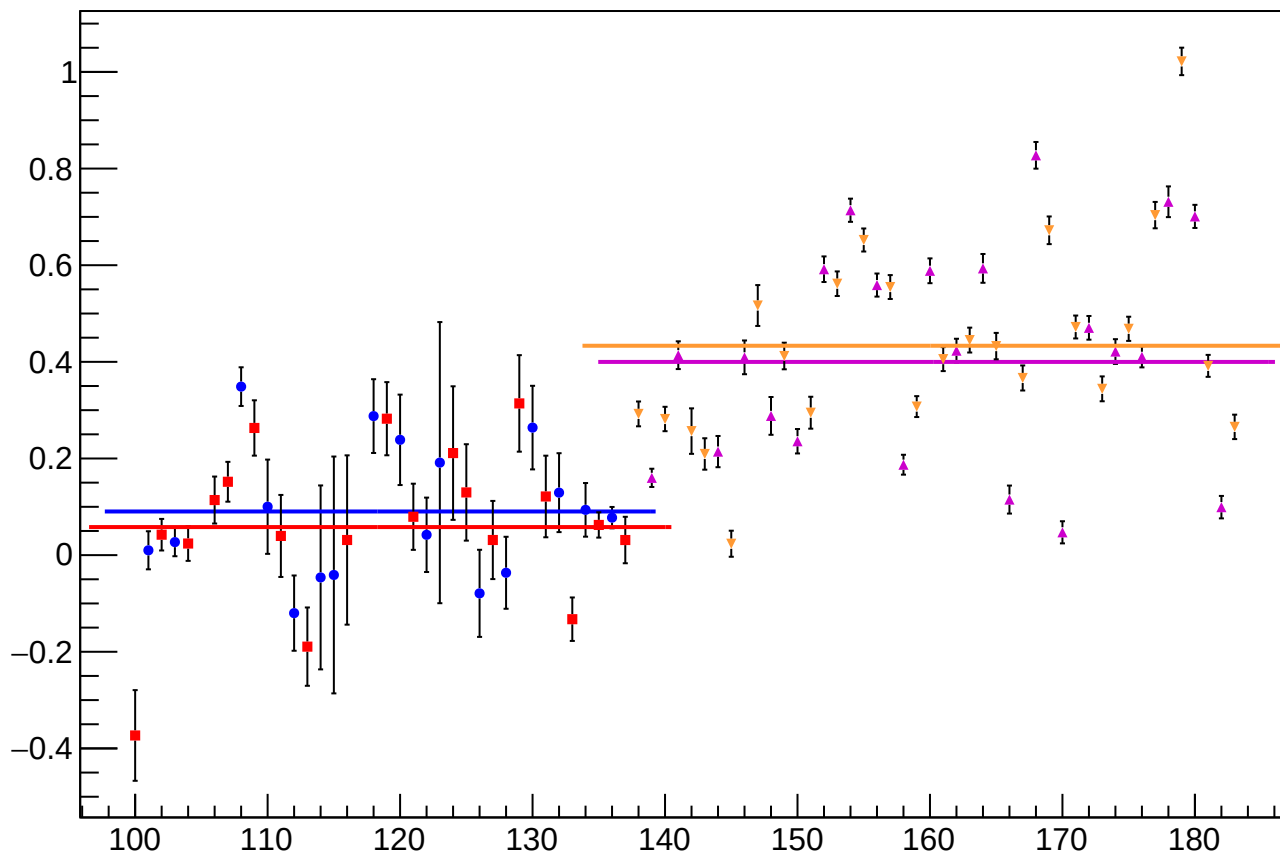
Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$

In: -36.822 ± 0.111 $\chi^2/\text{NDF}: 6049.3/38$

Out: -36.939 ± 0.107 $\chi^2/\text{NDF}: 7393.9/42$

All: -36.882 ± 0.077 $\chi^2/\text{NDF}: 13443.8/81$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 79.4/16

Left Out: 0.433 $\pm$ 0.005 χ^2 /NDF:1216.9/23

Right Out: 0.058 $\pm$ 0.012 χ^2 /NDF: 87.1/18

Left In: 0.400 $\pm$ 0.005 χ^2 /NDF:1734.2/21

Left: 0.417 $\pm$ 0.004 χ^2 /NDF: 2970.1/45

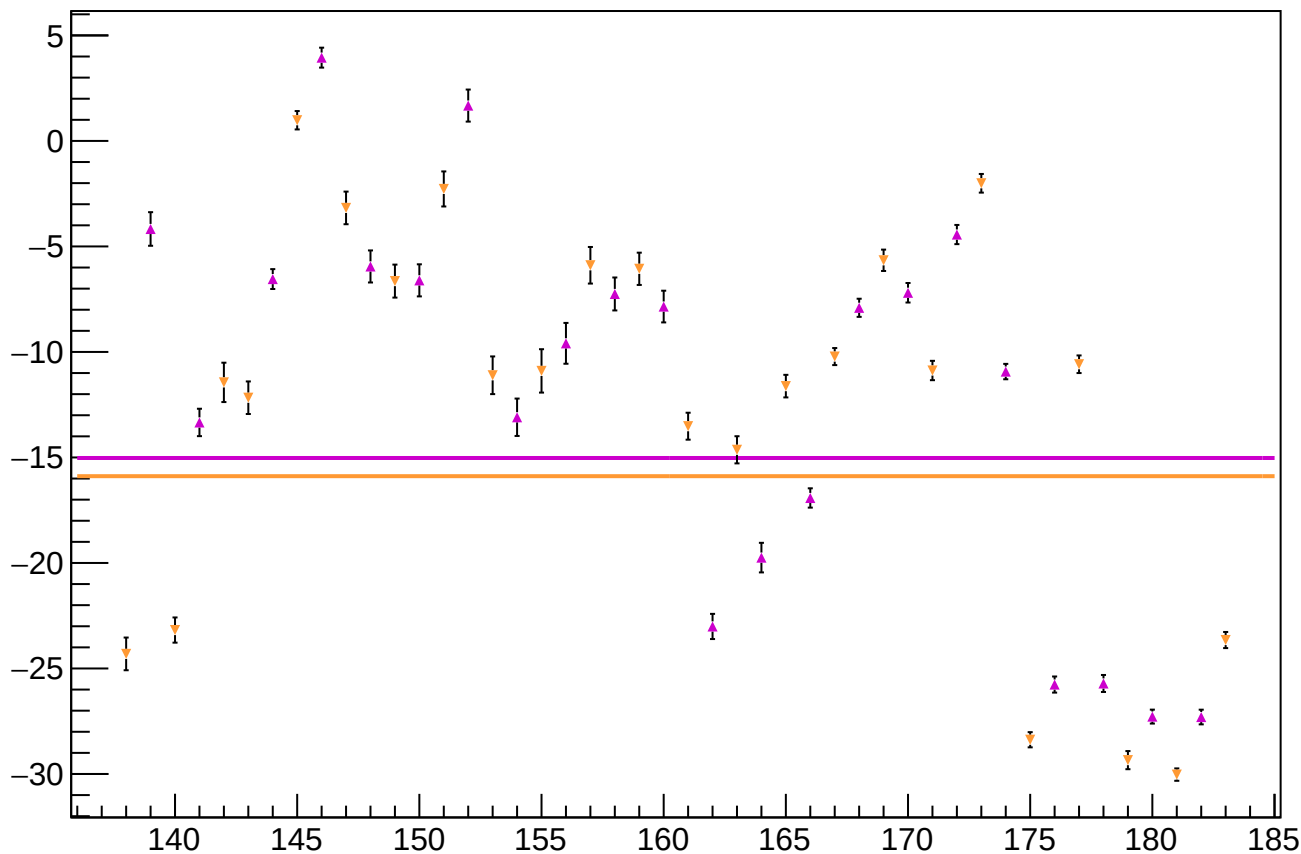
Right: 0.073 $\pm$ 0.009 χ^2 /NDF: 169.9/35

In: 0.352 $\pm$ 0.005 χ^2 /NDF:2313.9/38

Out: 0.371 $\pm$ 0.005 χ^2 /NDF:2100.2/42

All: 0.361 $\pm$ 0.004 χ^2 /NDF: 4421.0/81

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: -15.888+/-0.107 χ^2/NDF :9710.0/23

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

Left In: -15.026+/-0.108 χ^2/NDF :8690.4/21

Left: -15.461+/-0.076 χ^2/NDF : 18432.8/45

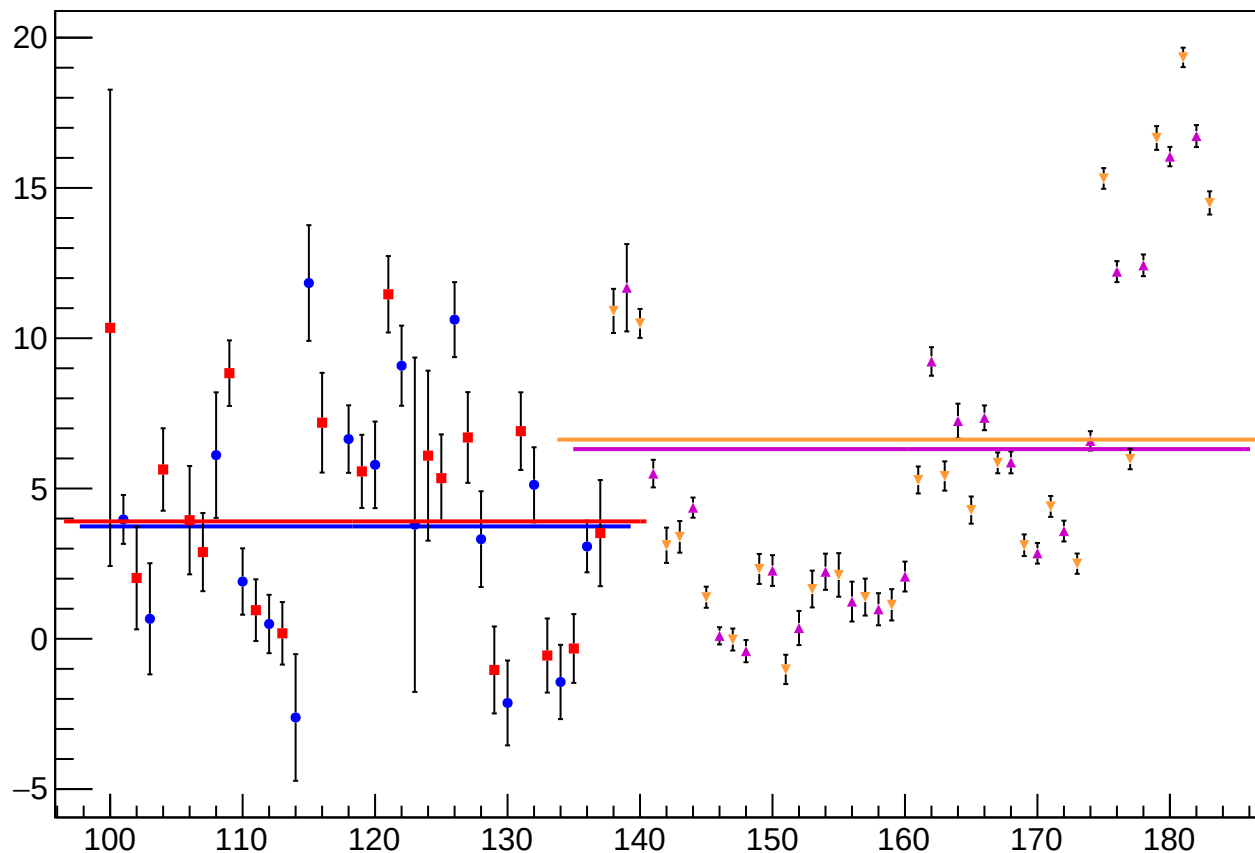
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.026+/-0.108 χ^2/NDF :8690.4/21

Out: -15.888+/-0.107 χ^2/NDF :9710.0/23

All: -15.461+/-0.076 χ^2/NDF : 18432.8/45

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 $\pm$ 0.309 χ^2 /NDF: 136.9/16

Left Out: 6.628 $\pm$ 0.086 χ^2 /NDF: 4913.4/23

Right Out: 3.906 $\pm$ 0.316 χ^2 /NDF: 135.5/18

Left In: 6.310 $\pm$ 0.087 χ^2 /NDF: 3806.8/21

Left: 6.469 $\pm$ 0.061 χ^2 /NDF: 8727.0/45

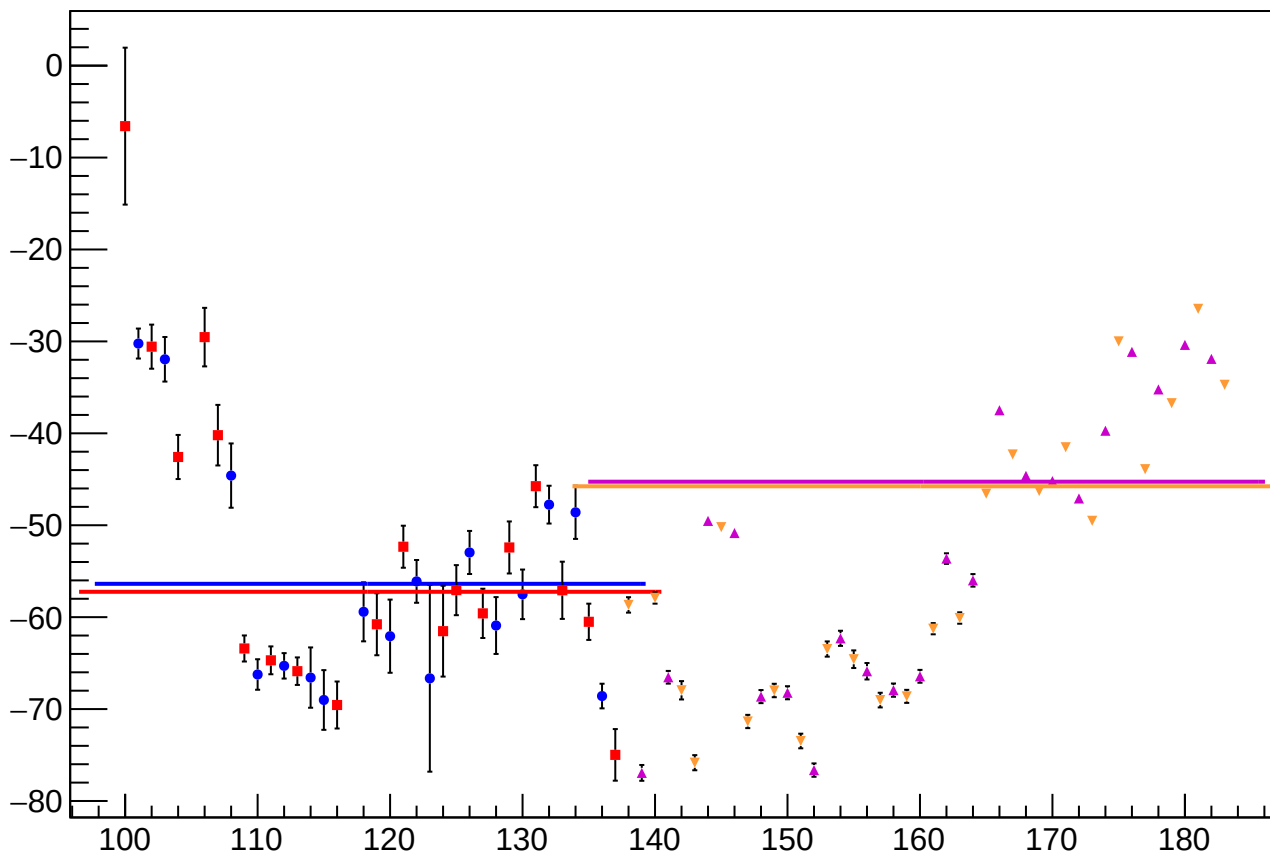
Right: 3.821 $\pm$ 0.221 χ^2 /NDF: 272.5/35

In: 6.123 $\pm$ 0.083 χ^2 /NDF: 4007.9/38

Out: 6.439 $\pm$ 0.083 χ^2 /NDF: 5117.9/42

All: 6.281 $\pm$ 0.059 χ^2 /NDF: 9133.0/81

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 $\chi^2/\text{NDF}: 587.6/16$
 Left Out: -45.764 ± 0.107 $\chi^2/\text{NDF}: 17199.0/23$
 Right Out: -57.240 ± 0.536 $\chi^2/\text{NDF}: 476.3/18$
 Left In: -45.263 ± 0.108 $\chi^2/\text{NDF}: 15775.6/21$

Left: -45.515 ± 0.076 $\chi^2/\text{NDF}: 32985.5/45$

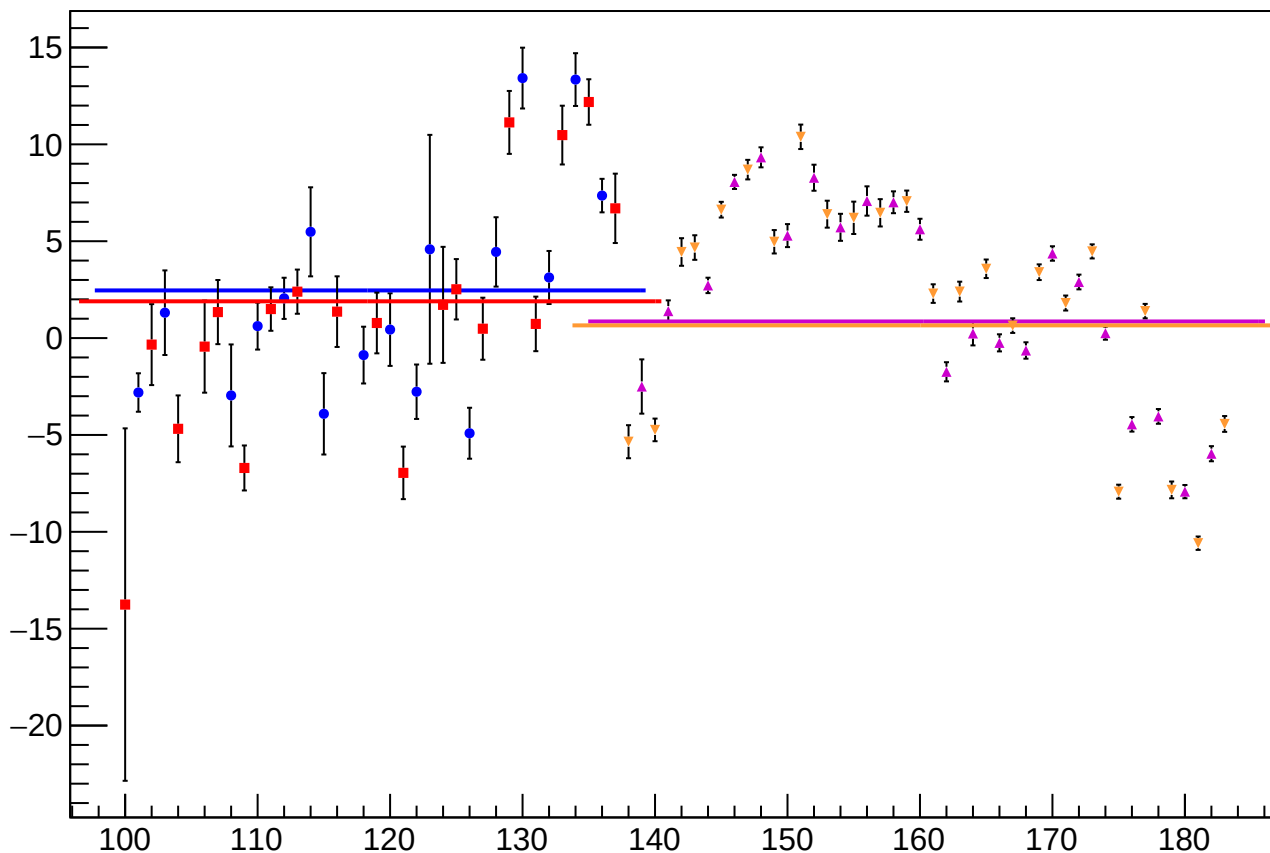
Right: -56.812 ± 0.381 $\chi^2/\text{NDF}: 1065.2/35$

In: -45.687 ± 0.106 $\chi^2/\text{NDF}: 16765.9/38$

Out: -46.208 ± 0.105 $\chi^2/\text{NDF}: 18116.2/42$

All: -45.949 ± 0.075 $\chi^2/\text{NDF}: 34894.3/81$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 $\pm$ 0.346 χ^2/NDF : 243.9/16

Left Out: 0.656 $\pm$ 0.097 χ^2/NDF :3666.3/23

Right Out: 1.898 $\pm$ 0.355 χ^2/NDF : 268.1/18

Left In: 0.857 $\pm$ 0.097 χ^2/NDF :2672.4/21

Left: 0.756 $\pm$ 0.068 χ^2/NDF : 6340.9/45

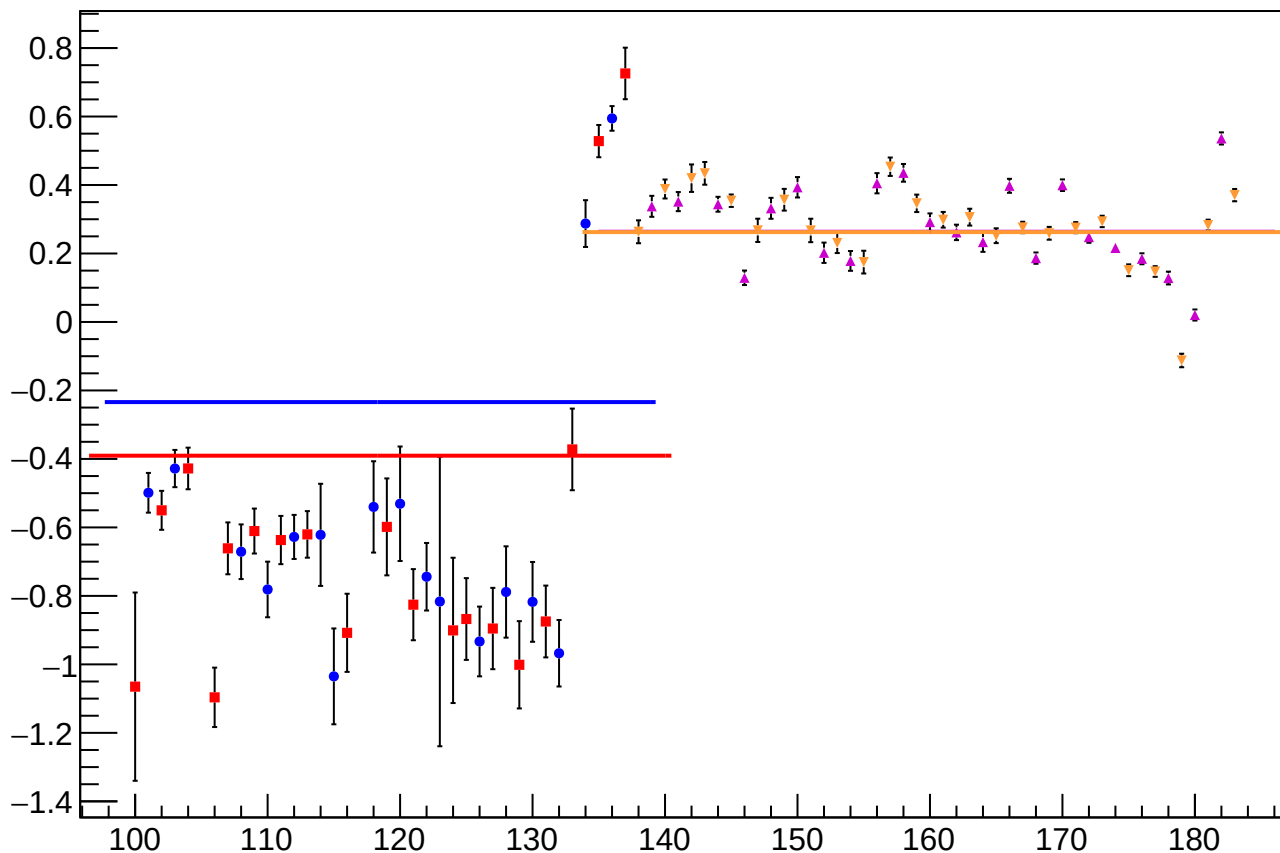
Right: 2.186 $\pm$ 0.248 χ^2/NDF : 513.3/35

In: 0.974 $\pm$ 0.094 χ^2/NDF :2936.2/38

Out: 0.741 $\pm$ 0.093 χ^2/NDF :3945.8/42

All: 0.857 $\pm$ 0.066 χ^2/NDF : 6885.2/81

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.234 $\pm$ 0.019 χ^2 /NDF: 958.3/16

Left Out: 0.262 $\pm$ 0.004 χ^2 /NDF:670.8/23

Right Out: -0.391 $\pm$ 0.019 χ^2 /NDF: 852.7/18

Left In: 0.264 $\pm$ 0.004 χ^2 /NDF:855.9/21

Left: 0.263 $\pm$ 0.003 χ^2 /NDF: 1526.8/45

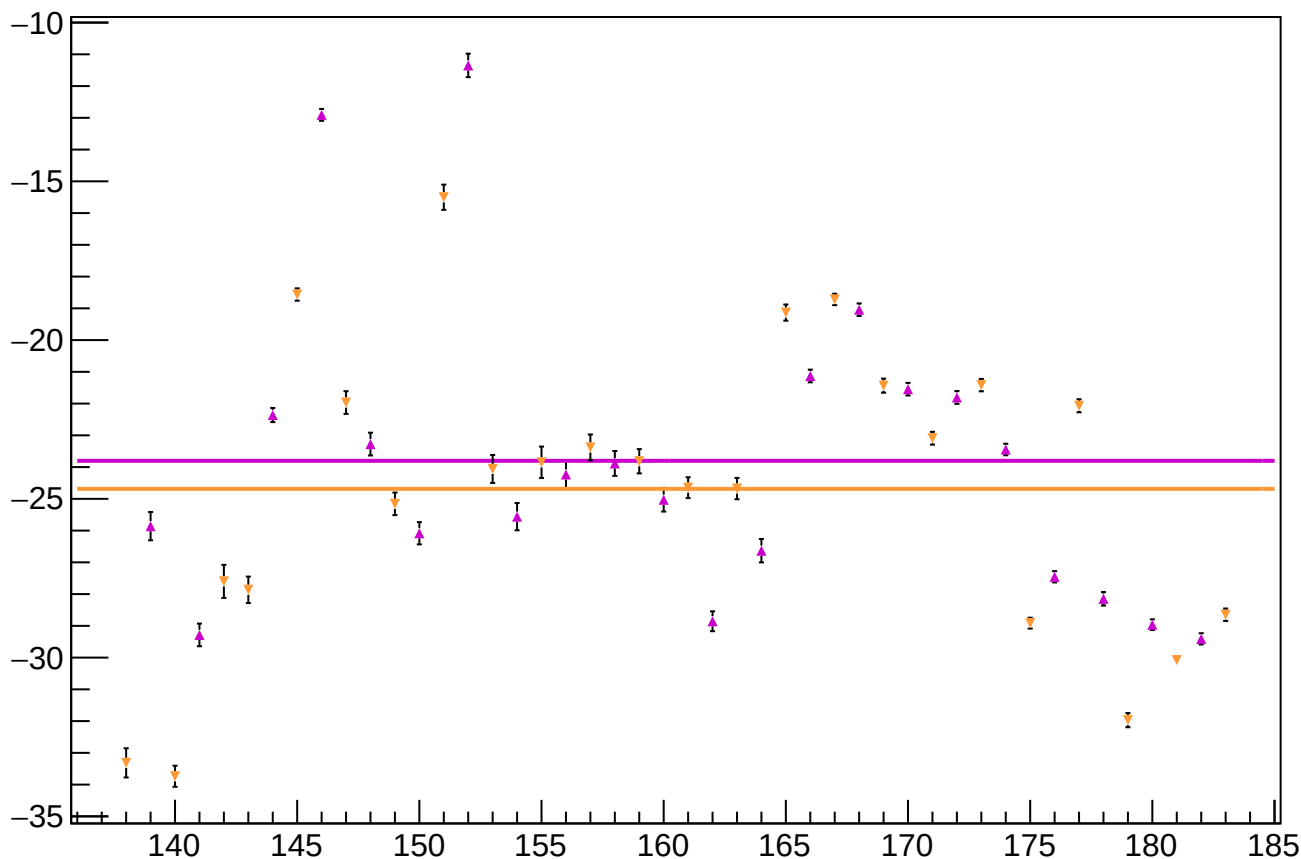
Right: -0.312 $\pm$ 0.013 χ^2 /NDF: 1845.2/35

In: 0.237 $\pm$ 0.004 χ^2 /NDF:2470.9/38

Out: 0.229 $\pm$ 0.004 χ^2 /NDF:2648.5/42

All: 0.233 $\pm$ 0.003 χ^2 /NDF: 5121.4/81

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -24.685 ± 0.052 $\chi^2/\text{NDF}: 8406.9/23$

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

Left In: -23.803 ± 0.051 $\chi^2/\text{NDF}: 8985.7/21$

Left: -24.242 ± 0.036 $\chi^2/\text{NDF}: 17539.4/45$

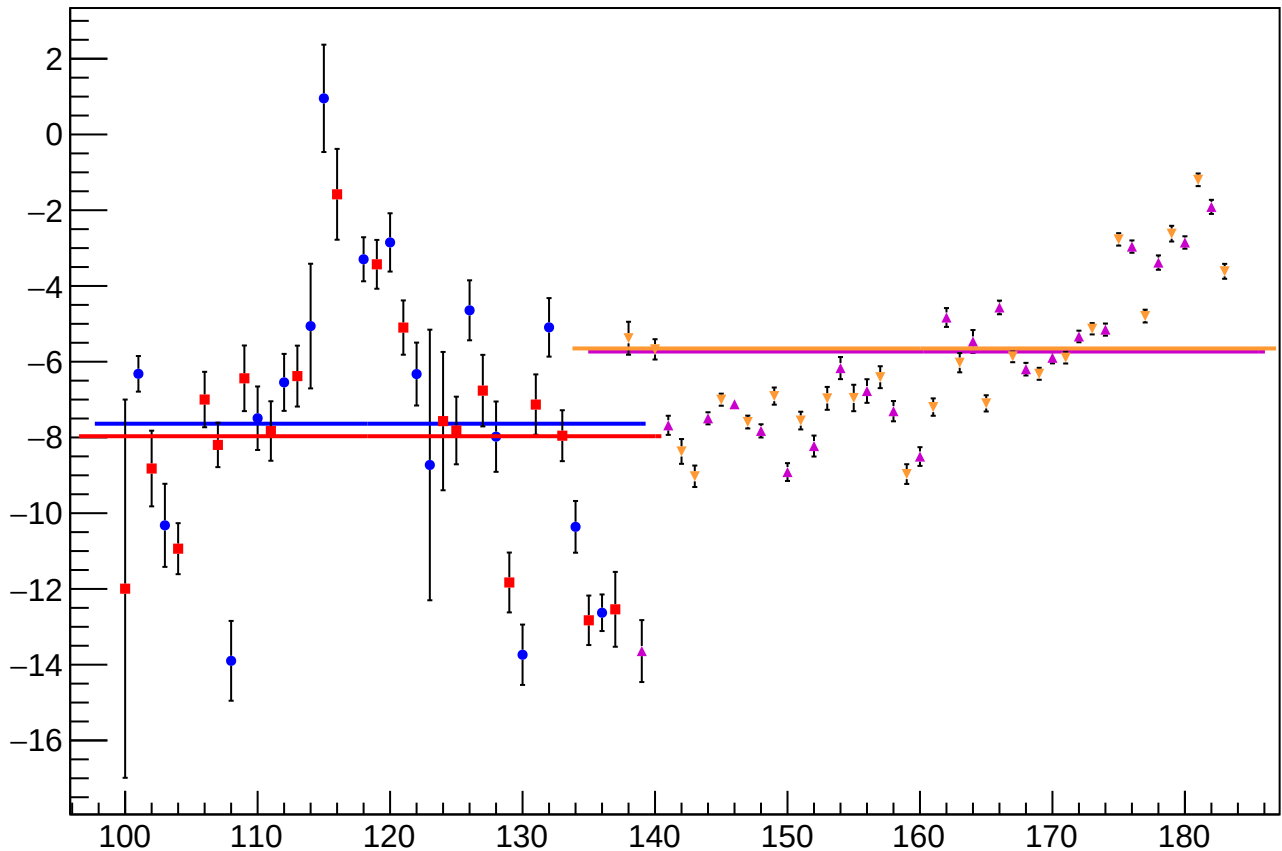
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -23.803 ± 0.051 $\chi^2/\text{NDF}: 8985.7/21$

Out: -24.685 ± 0.052 $\chi^2/\text{NDF}: 8406.9/23$

All: -24.242 ± 0.036 $\chi^2/\text{NDF}: 17539.4/45$

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -5.650 ± 0.042 χ^2/NDF : 2205.3/23

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -5.731 ± 0.041 χ^2/NDF : 2255.7/21

Left: -5.691 ± 0.029 χ^2/NDF : 4463.0/45

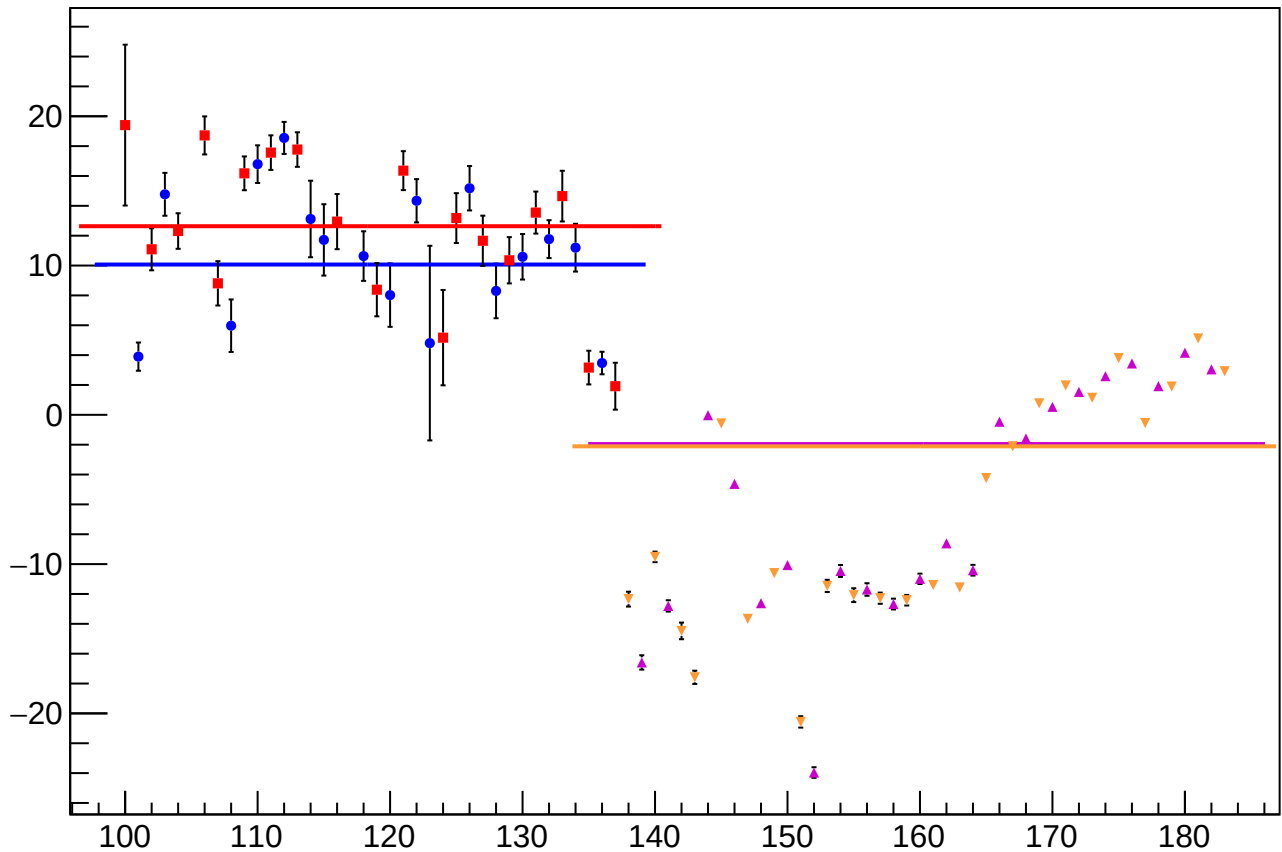
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -5.819 ± 0.040 χ^2/NDF : 2749.9/38

Out: -5.760 ± 0.041 χ^2/NDF : 2580.8/42

All: -5.790 ± 0.028 χ^2/NDF : 5331.8/81

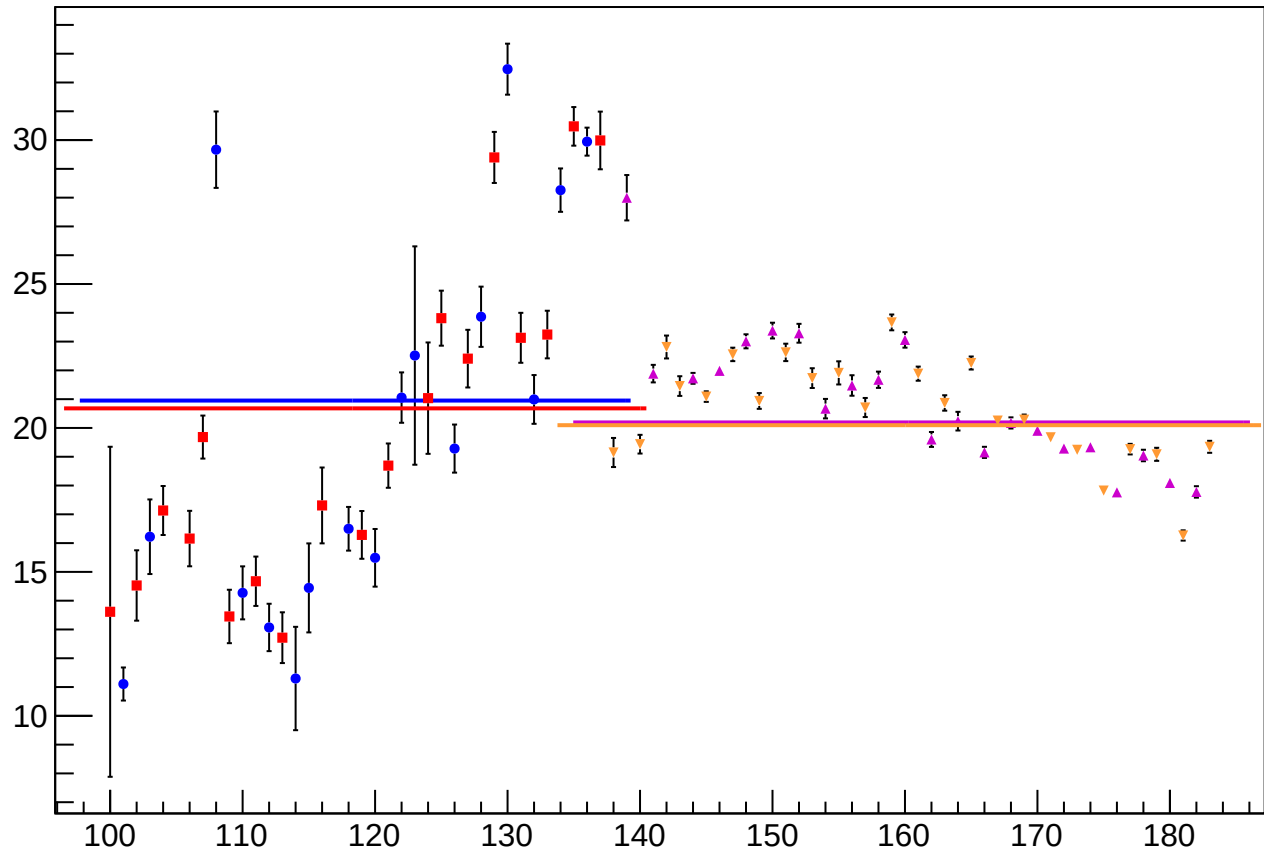
reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$
 Left Out: -2.110 ± 0.052 $\chi^2/\text{NDF}: 16299.2/23$
 Right Out: 12.635 ± 0.332 $\chi^2/\text{NDF}: 220.5/18$
 Left In: -1.958 ± 0.052 $\chi^2/\text{NDF}: 15492.3/21$

Left: -2.033 ± 0.037 $\chi^2/\text{NDF}: 31795.9/45$
 Right: 11.370 ± 0.237 $\chi^2/\text{NDF}: 503.5/35$
 In: -1.683 ± 0.051 $\chi^2/\text{NDF}: 16987.2/38$
 Out: -1.758 ± 0.051 $\chi^2/\text{NDF}: 18439.7/42$
 All: -1.720 ± 0.036 $\chi^2/\text{NDF}: 35428.0/81$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.951 $\pm$ 0.210 χ^2 /NDF: 1222.8/16

Left Out: 20.096 $\pm$ 0.046 χ^2 /NDF:1378.0/23

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 20.191 $\pm$ 0.046 χ^2 /NDF:1469.1/21

Left: 20.144 $\pm$ 0.033 χ^2 /NDF: 2849.3/45

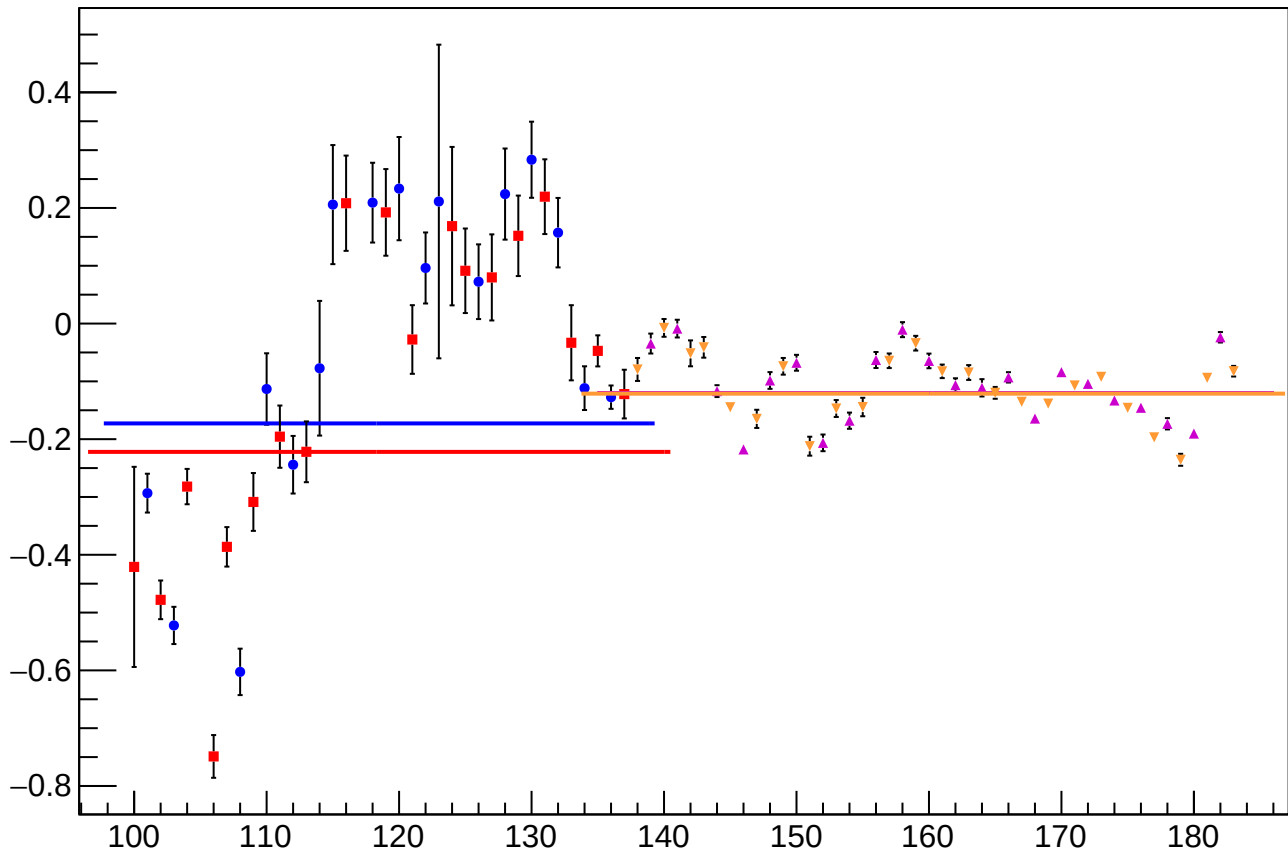
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 20.226 $\pm$ 0.045 χ^2 /NDF:2704.4/38

Out: 20.122 $\pm$ 0.045 χ^2 /NDF:2113.7/42

All: 20.175 $\pm$ 0.032 χ^2 /NDF: 4820.7/81

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 χ^2/NDF : 460.3/16

Left Out: -0.121 ± 0.002 χ^2/NDF : 521.1/23

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.120 ± 0.002 χ^2/NDF : 688.7/21

Left: -0.121 ± 0.002 χ^2/NDF : 1209.9/45

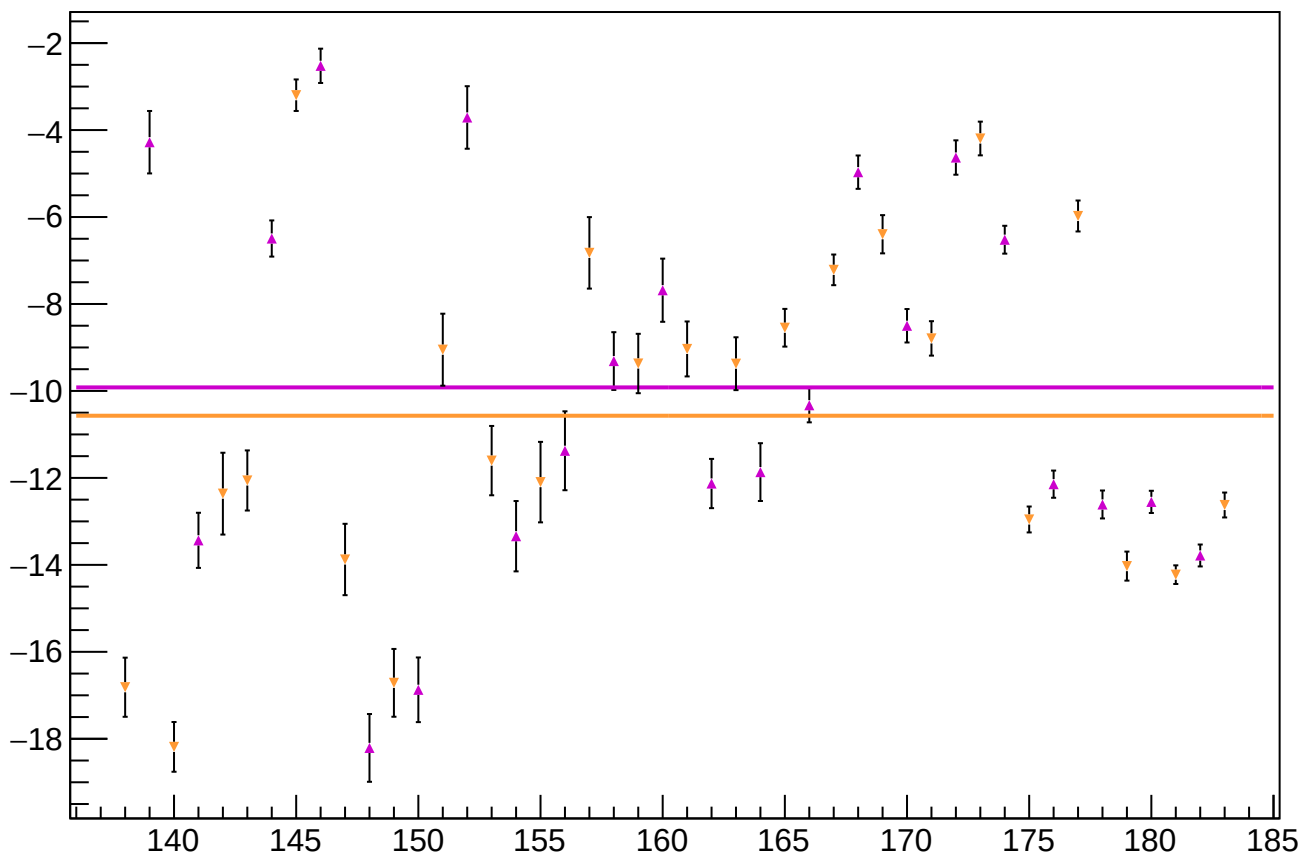
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.122 ± 0.002 χ^2/NDF : 1170.3/38

Out: -0.125 ± 0.002 χ^2/NDF : 1139.2/42

All: -0.123 ± 0.001 χ^2/NDF : 2310.4/81

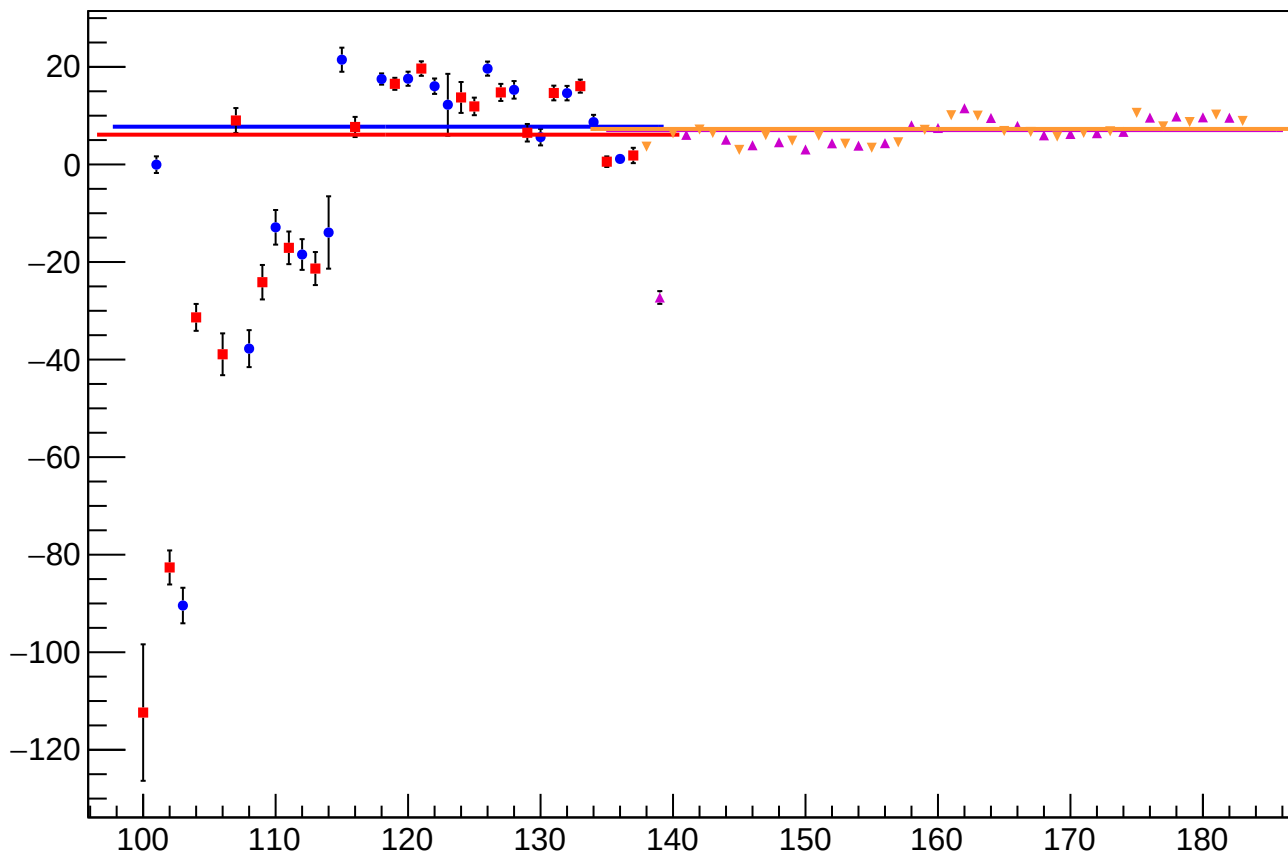
reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -10.570+/-0.089 χ^2/NDF :1975.8/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -9.919+/-0.091 χ^2/NDF :1776.4/21

Left: -10.250+/-0.064 χ^2/NDF : 3778.3/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -9.919+/-0.091 χ^2/NDF :1776.4/21
 Out: -10.570+/-0.089 χ^2/NDF :1975.8/23
 All: -10.250+/-0.064 χ^2/NDF : 3778.3/45

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 χ^2/NDF : 1358.9/16

Left Out: 7.282 ± 0.074 χ^2/NDF : 852.1/23

Right Out: 6.106 ± 0.433 χ^2/NDF : 1517.7/18

Left In: 7.042 ± 0.075 χ^2/NDF : 1604.6/21

Left: 7.163 ± 0.053 χ^2/NDF : 2461.8/45

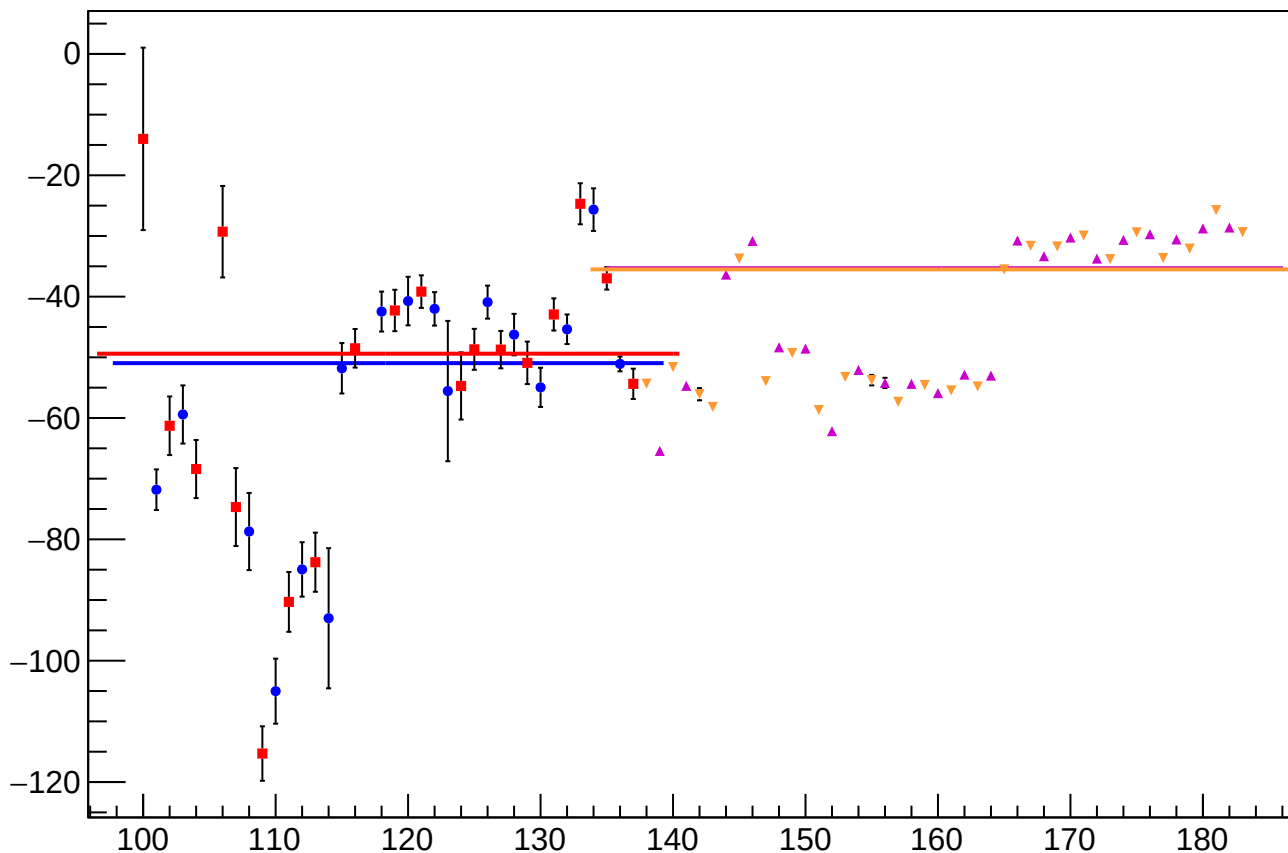
Right: 6.984 ± 0.295 χ^2/NDF : 2884.3/35

In: 7.066 ± 0.074 χ^2/NDF : 2966.4/38

Out: 7.248 ± 0.073 χ^2/NDF : 2377.0/42

All: 7.157 ± 0.052 χ^2/NDF : 5346.4/81

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 χ^2/NDF : 331.9/16

Left Out: -35.504 ± 0.090 χ^2/NDF : 12761.7/23

Right Out: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -35.310 ± 0.091 χ^2/NDF : 11759.7/21

Left: -35.409 ± 0.064 χ^2/NDF : 24523.7/45

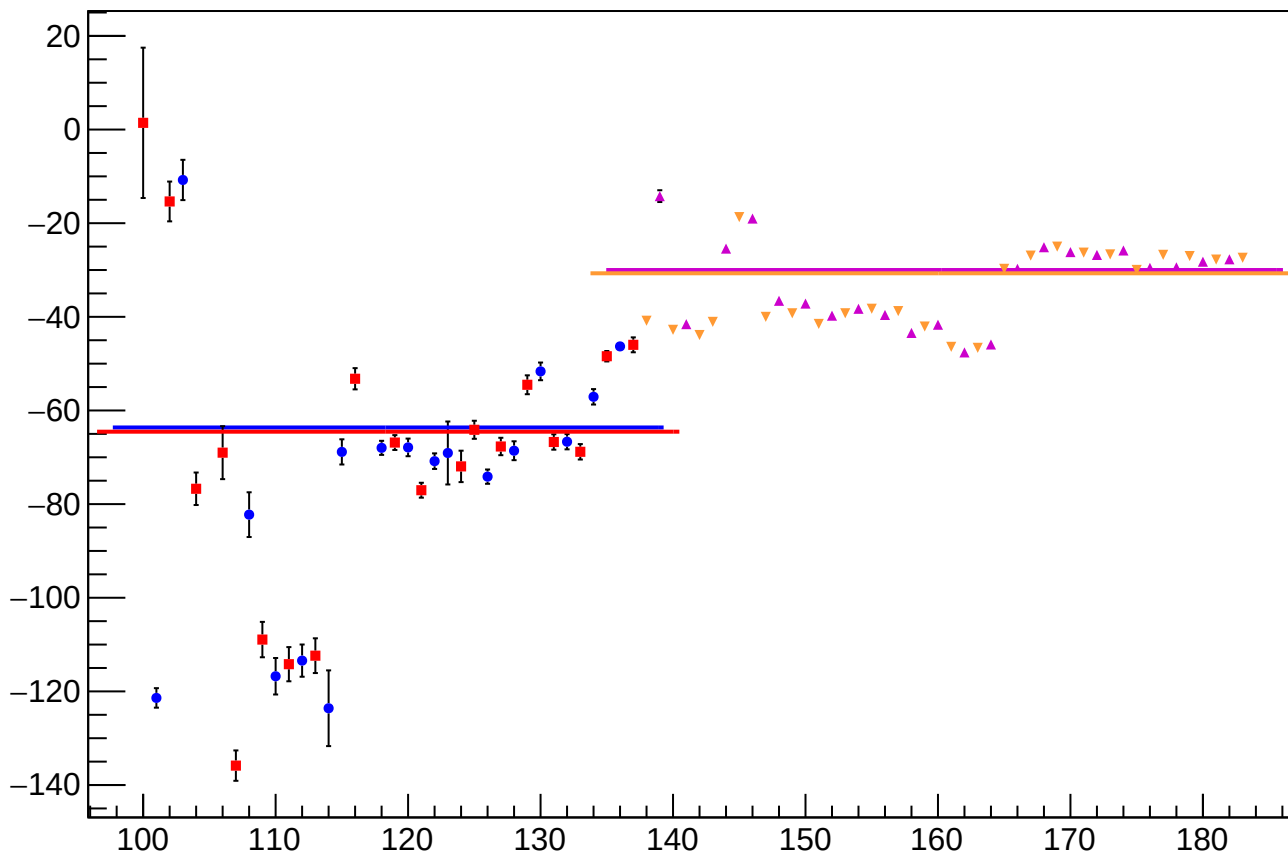
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -35.546 ± 0.091 χ^2/NDF : 12534.0/38

Out: -35.680 ± 0.090 χ^2/NDF : 13574.0/42

All: -35.614 ± 0.064 χ^2/NDF : 26109.1/81

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 ± 0.446 χ^2/NDF : 2011.2/16

Left Out: -30.702 ± 0.083 χ^2/NDF : 7826.2/23

Right Out: -64.531 ± 0.482 χ^2/NDF : 1611.2/18

Left In: -30.001 ± 0.083 χ^2/NDF : 7041.7/21

Left: -30.355 ± 0.059 χ^2/NDF : 14903.6/45

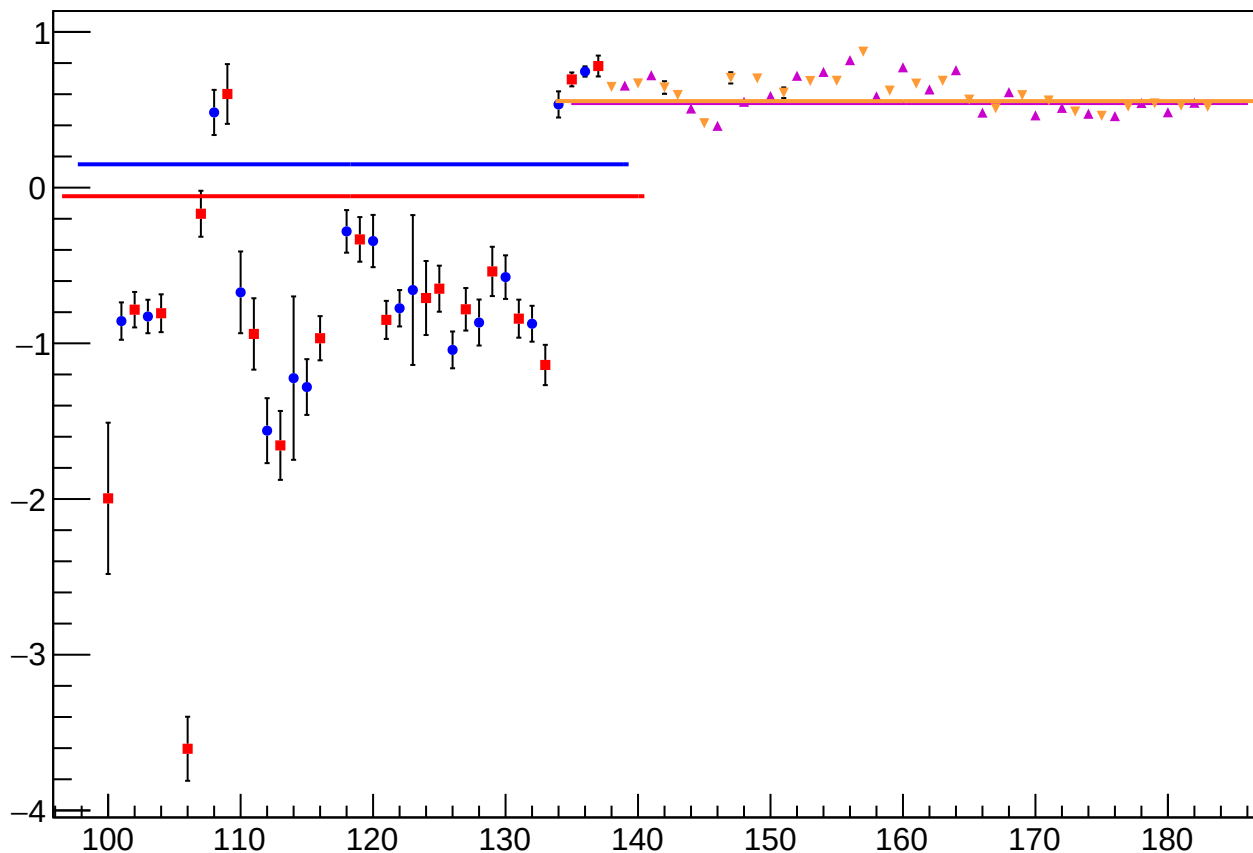
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -31.138 ± 0.082 χ^2/NDF : 14550.3/38

Out: -31.669 ± 0.081 χ^2/NDF : 14223.3/42

All: -31.405 ± 0.058 χ^2/NDF : 28794.7/81

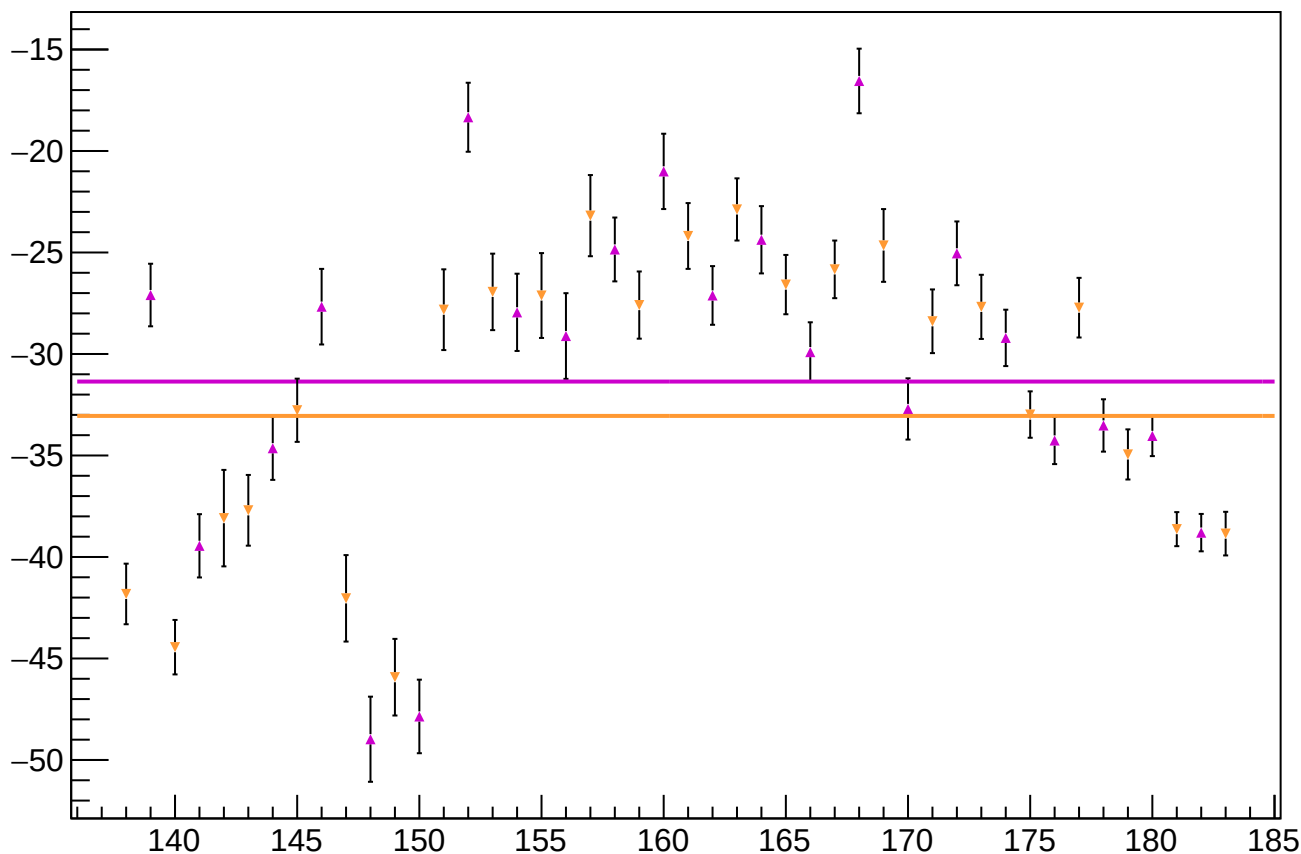
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$
 Left Out: 0.556 ± 0.004 $\chi^2/\text{NDF}: 526.3/23$
 Right Out: -0.055 ± 0.026 $\chi^2/\text{NDF}: 1170.0/18$
 Left In: 0.543 ± 0.004 $\chi^2/\text{NDF}: 658.9/21$

Left: 0.550 ± 0.003 $\chi^2/\text{NDF}: 1190.7/45$
 Right: 0.056 ± 0.018 $\chi^2/\text{NDF}: 2192.5/35$
 In: 0.533 ± 0.004 $\chi^2/\text{NDF}: 1910.5/38$
 Out: 0.543 ± 0.004 $\chi^2/\text{NDF}: 2229.5/42$
 All: 0.538 ± 0.003 $\chi^2/\text{NDF}: 4143.3/81$

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



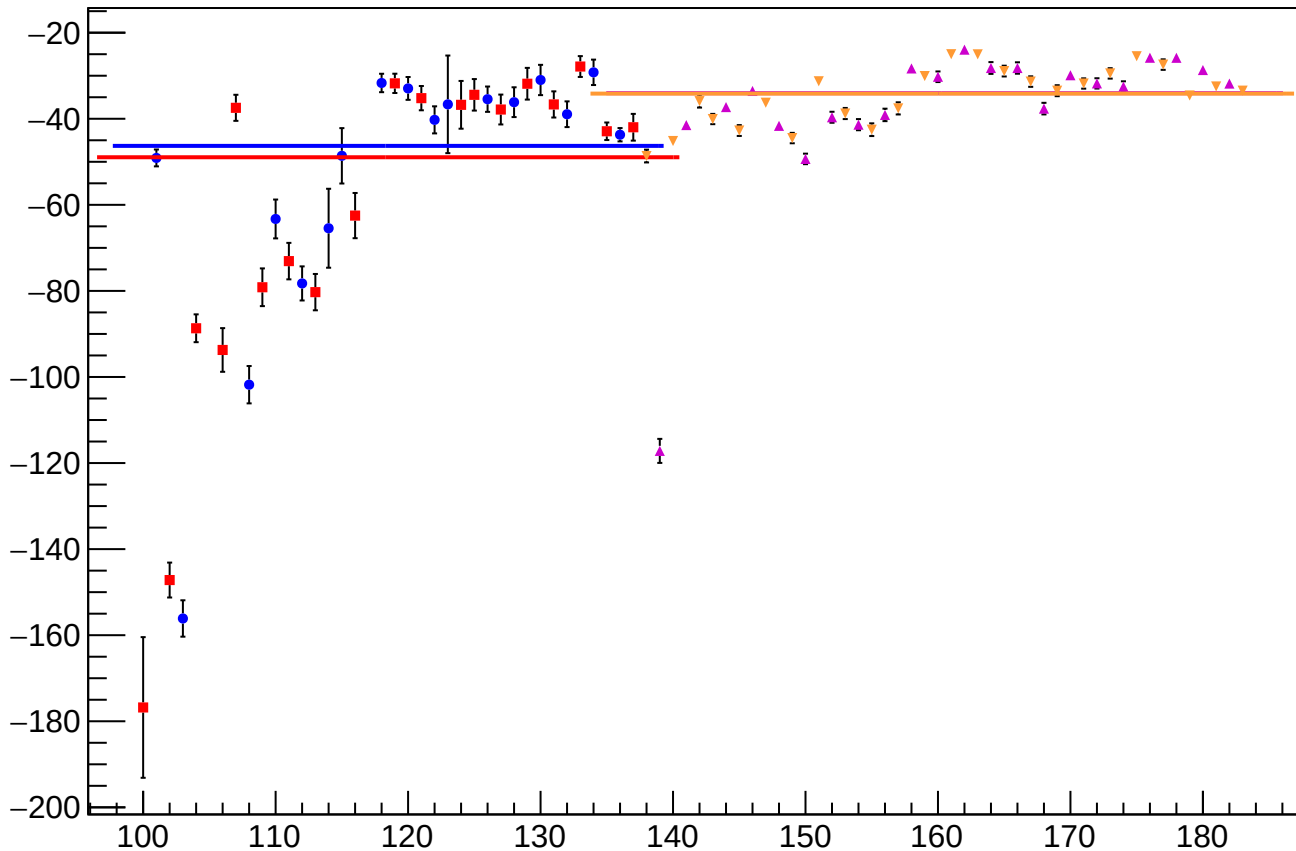
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -33.051+/-0.303 χ^2/NDF :494.0/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -31.359+/-0.313 χ^2/NDF :522.6/21

Left: -32.231+/-0.218 χ^2/NDF : 1031.7/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.359+/-0.313 χ^2/NDF :522.6/21
 Out: -33.051+/-0.303 χ^2/NDF :494.0/23

All: -32.231+/-0.218 χ^2/NDF : 1031.7/45

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -34.157 ± 0.244 χ^2/NDF : 679.4/23

Right Out: -48.945 ± 0.762 χ^2/NDF : 1273.6/18

Left In: -34.057 ± 0.253 χ^2/NDF : 1534.7/21

Left: -34.109 ± 0.176 χ^2/NDF : 2214.3/45

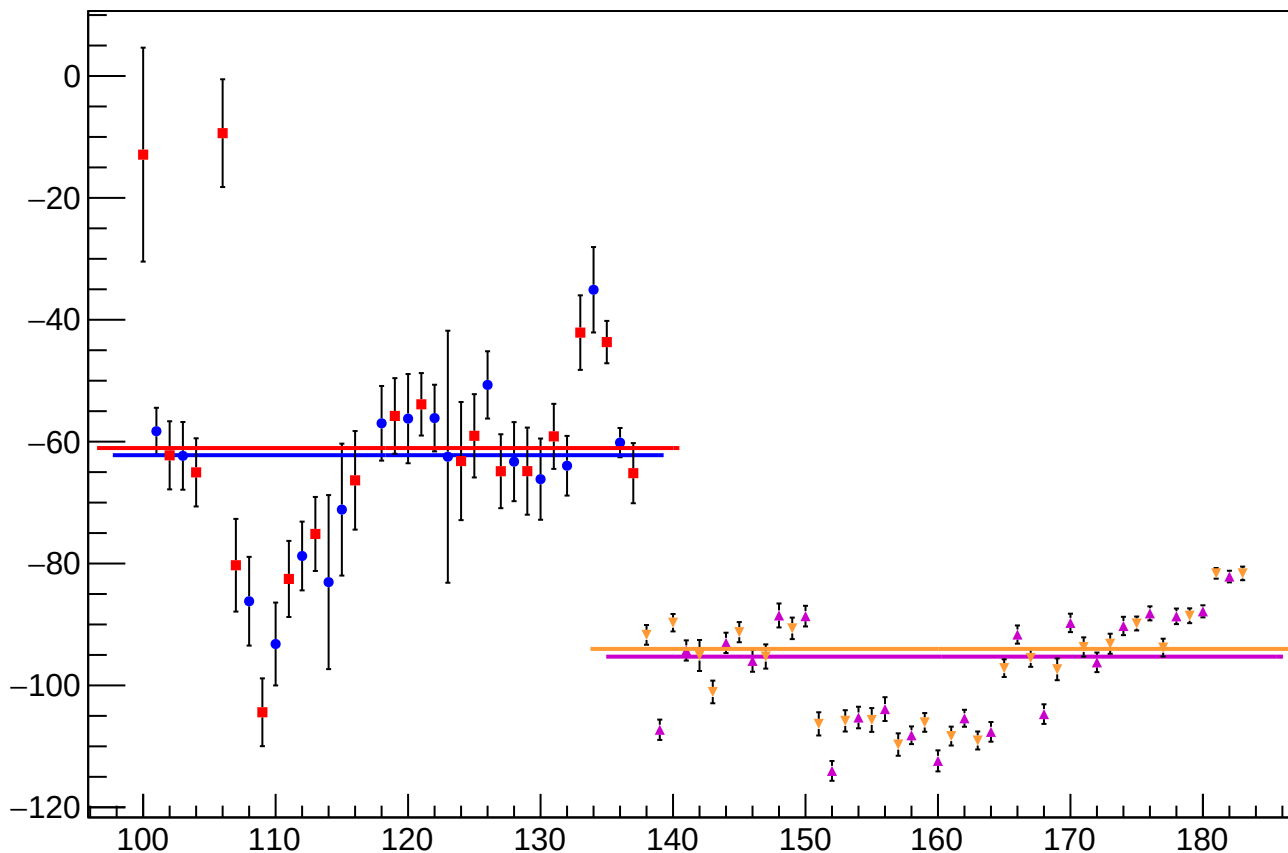
Right: -47.554 ± 0.525 χ^2/NDF : 2363.9/35

In: -35.394 ± 0.239 χ^2/NDF : 2873.9/38

Out: -35.526 ± 0.232 χ^2/NDF : 2294.4/42

All: -35.462 ± 0.166 χ^2/NDF : 5168.4/81

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 χ^2/NDF : 67.3/16

Left Out: -94.006 ± 0.305 χ^2/NDF : 847.2/23

Right Out: -61.051 ± 1.379 χ^2/NDF : 166.0/18

Left In: -95.280 ± 0.312 χ^2/NDF : 929.2/21

Left: -94.628 ± 0.218 χ^2/NDF : 1784.9/45

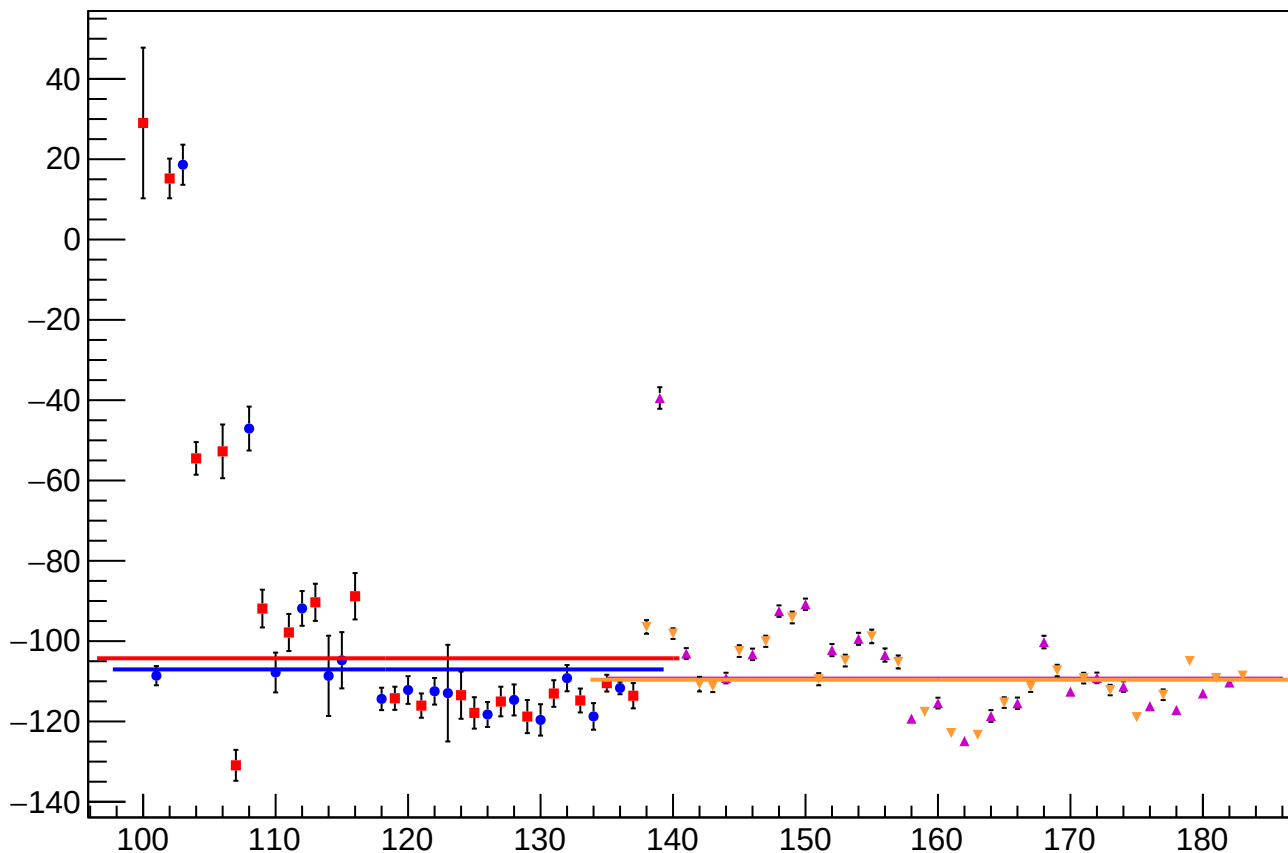
Right: -61.665 ± 0.950 χ^2/NDF : 233.6/35

In: -93.507 ± 0.304 χ^2/NDF : 1597.7/38

Out: -92.472 ± 0.297 χ^2/NDF : 1558.0/42

All: -92.978 ± 0.213 χ^2/NDF : 3161.6/81

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -109.600 ± 0.274 χ^2/NDF : 783.5/23

Right Out: -104.269 ± 0.860 χ^2/NDF : 1018.0/18

Left In: -109.337 ± 0.283 χ^2/NDF : 1557.2/21

Left: -109.473 ± 0.197 χ^2/NDF : 2341.1/45

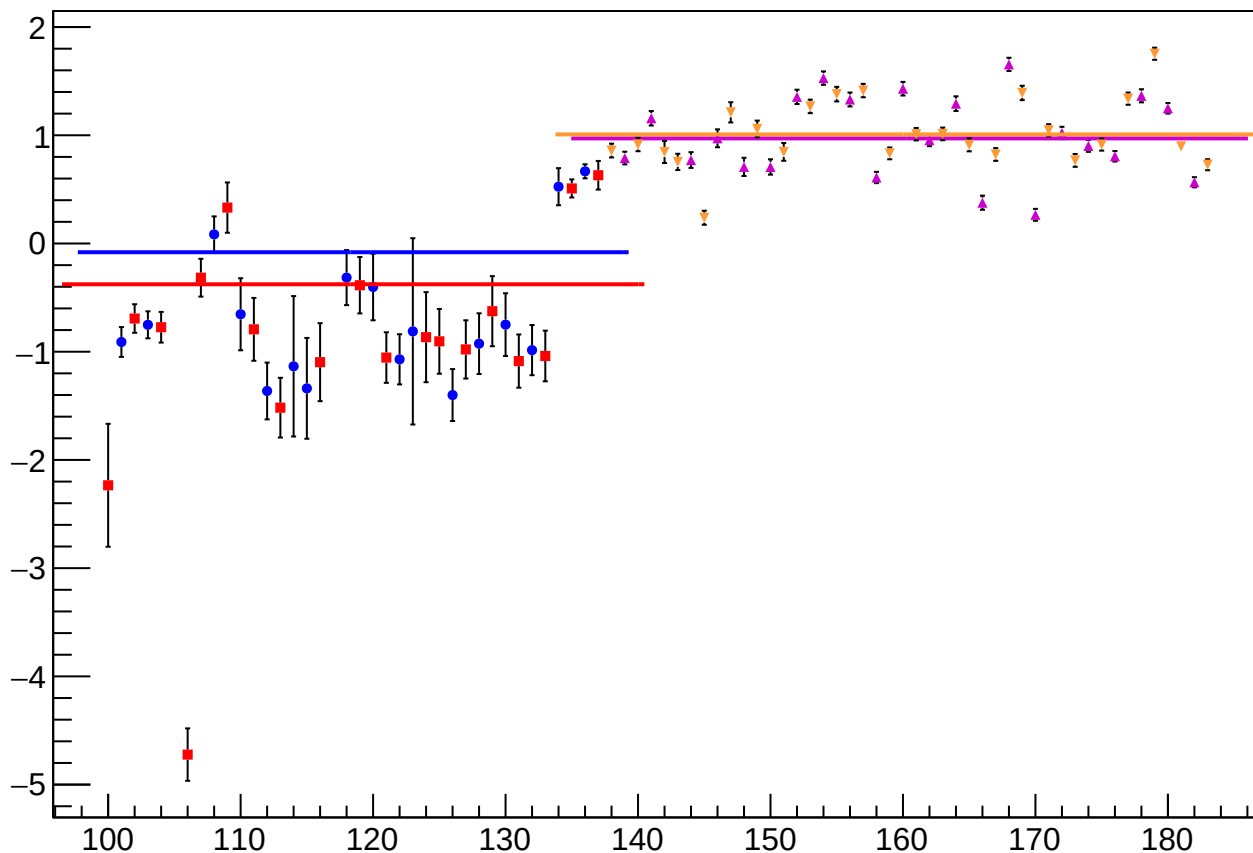
Right: -105.733 ± 0.590 χ^2/NDF : 1851.4/35

In: -109.089 ± 0.267 χ^2/NDF : 2392.2/38

Out: -109.110 ± 0.261 χ^2/NDF : 1836.4/42

All: -109.099 ± 0.187 χ^2/NDF : 4228.6/81

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 328.9/16

Left Out: 1.008 ± 0.013 χ^2/NDF : 584.2/23

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 0.971 ± 0.013 χ^2/NDF : 852.9/21

Left: 0.990 ± 0.009 χ^2/NDF : 1441.3/45

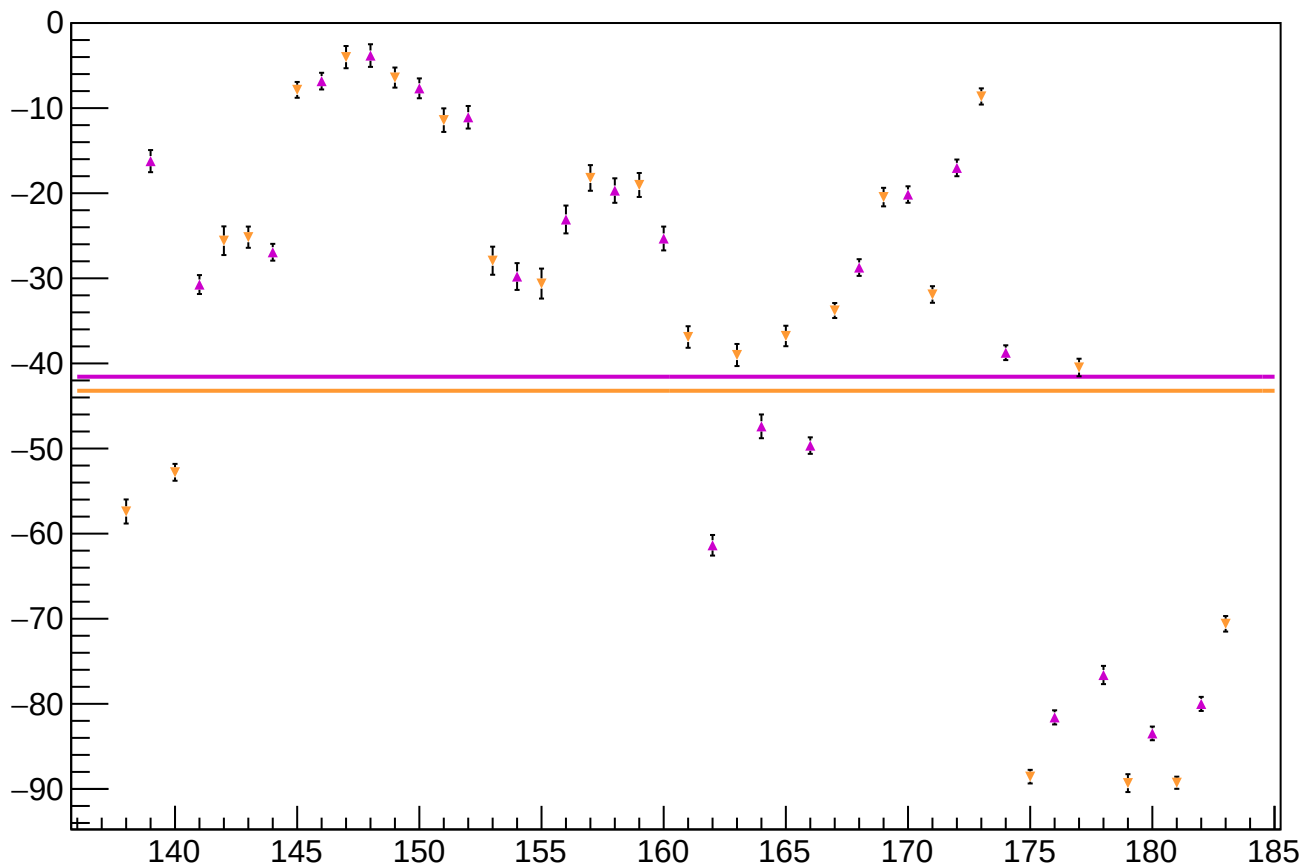
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.883 ± 0.012 χ^2/NDF : 1750.8/38

Out: 0.903 ± 0.012 χ^2/NDF : 2088.4/42

All: 0.893 ± 0.009 χ^2/NDF : 3840.6/81

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: -43.213+/-0.224 χ^2/NDF :17340.2/23

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

Left In: -41.561+/-0.228 χ^2/NDF :14588.2/21

Left: -42.402+/-0.160 χ^2/NDF : 31955.0/45

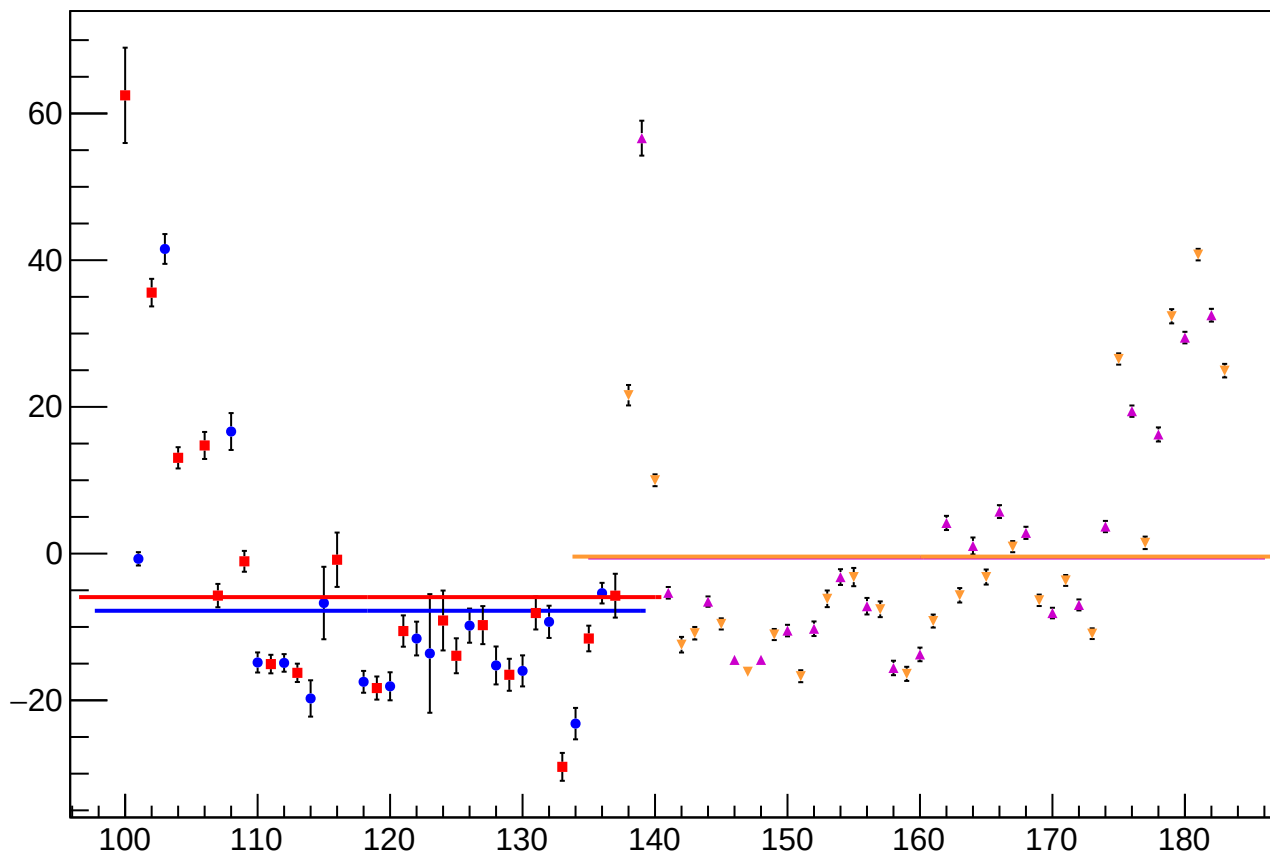
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.561+/-0.228 χ^2/NDF :14588.2/21

Out: -43.213+/-0.224 χ^2/NDF :17340.2/23

All: -42.402+/-0.160 χ^2/NDF : 31955.0/45

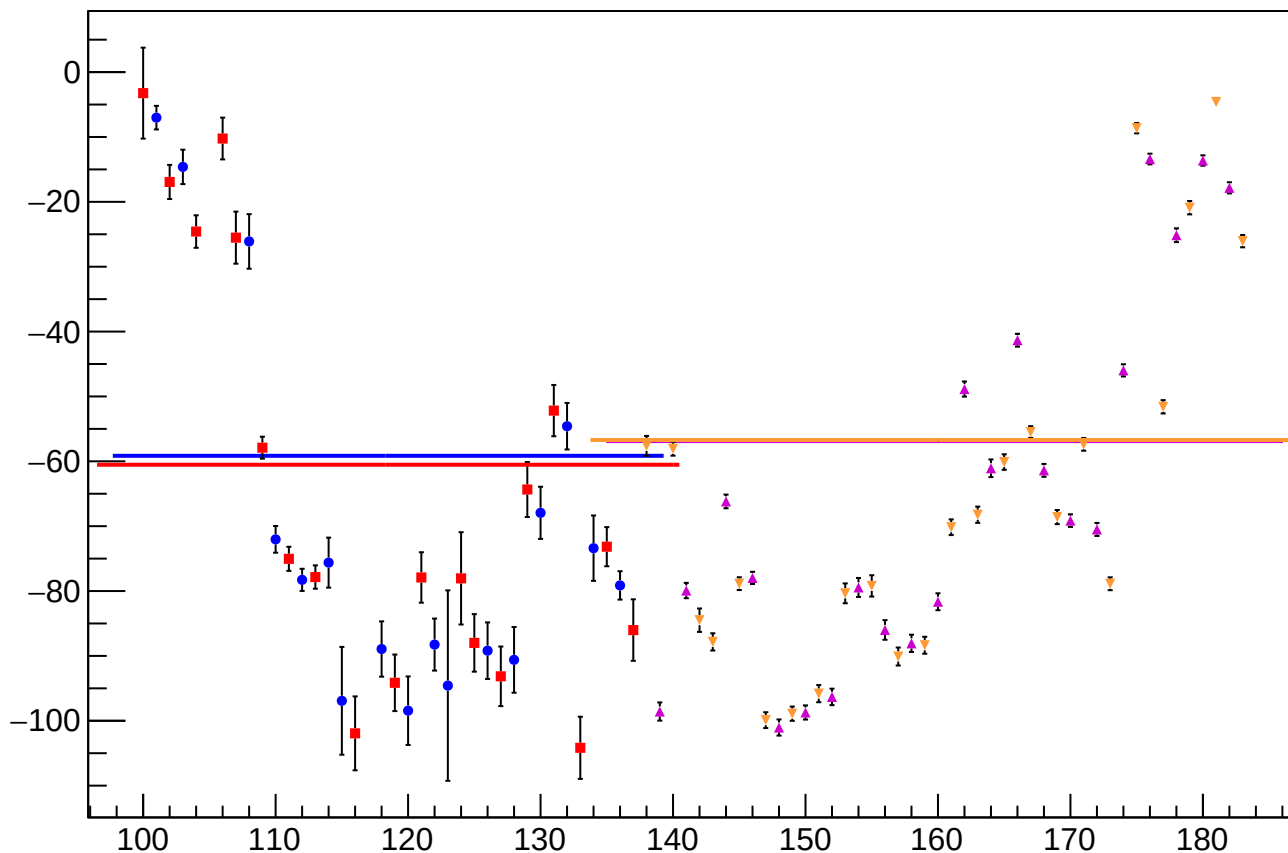
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16
 Left Out: -0.409 ± 0.176 χ^2/NDF : 8687.9/23
 Right Out: -5.932 ± 0.429 χ^2/NDF : 1294.2/18
 Left In: -0.534 ± 0.180 χ^2/NDF : 6556.8/21

Left: -0.470 ± 0.126 χ^2/NDF : 15244.9/45
 Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35
 In: -1.624 ± 0.166 χ^2/NDF : 7784.1/38
 Out: -1.202 ± 0.162 χ^2/NDF : 10124.1/42
 All: -1.409 ± 0.116 χ^2/NDF : 17911.5/81

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 χ^2/NDF : 1718.3/16

Left Out: -56.712 ± 0.225 χ^2/NDF : 18104.9/23

Right Out: -60.530 ± 0.704 χ^2/NDF : 1385.2/18

Left In: -56.880 ± 0.228 χ^2/NDF : 16518.3/21

Left: -56.795 ± 0.160 χ^2/NDF : 34623.5/45

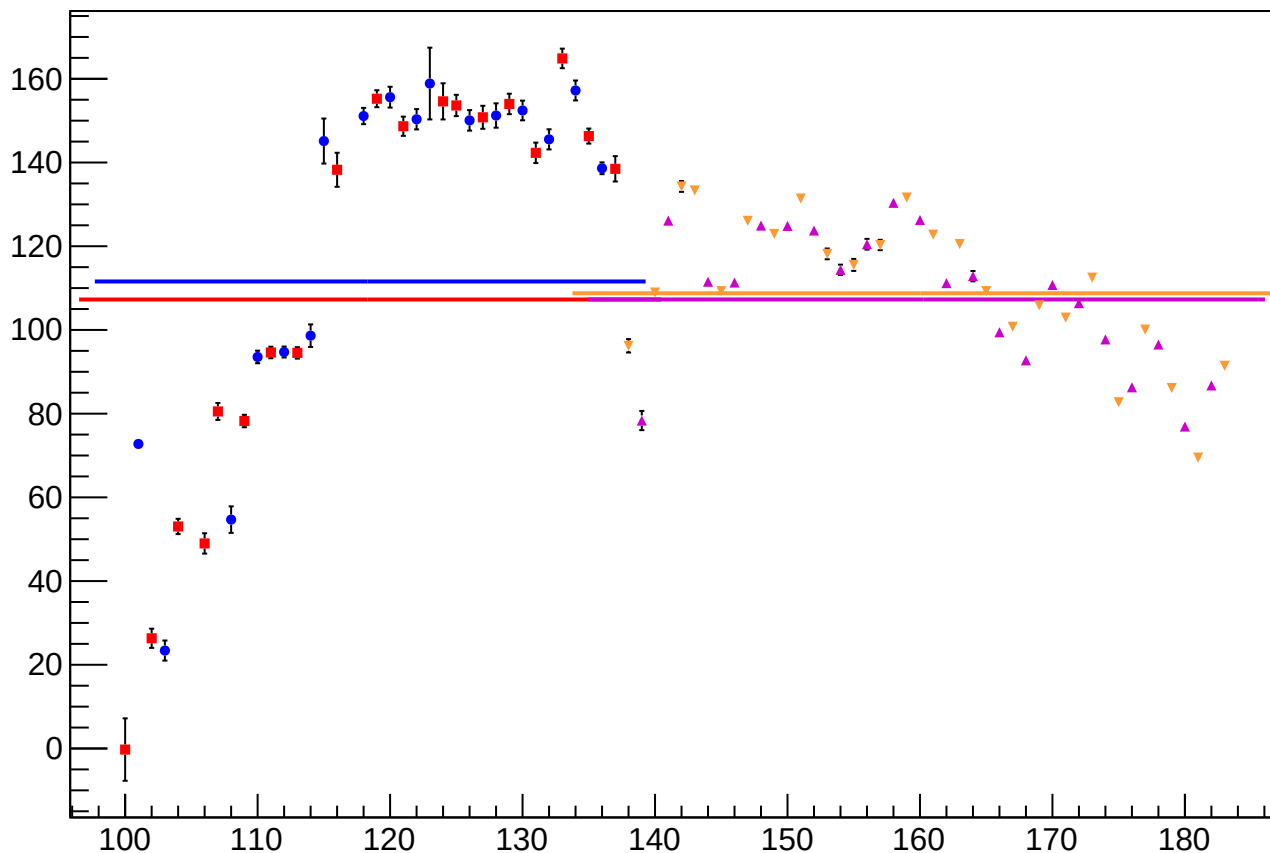
Right: -59.879 ± 0.512 χ^2/NDF : 3105.4/35

In: -57.075 ± 0.218 χ^2/NDF : 18245.1/38

Out: -57.066 ± 0.215 χ^2/NDF : 19516.8/42

All: -57.071 ± 0.153 χ^2/NDF : 37761.9/81

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 108.764 $\pm$ 0.199 χ^2 /NDF: 7395.8/23

Right Out: 107.273 $\pm$ 0.488 χ^2 /NDF: 7044.9/18

Left In: 107.282 $\pm$ 0.203 χ^2 /NDF: 5576.2/21

Left: 108.039 $\pm$ 0.142 χ^2 /NDF: 12999.2/45

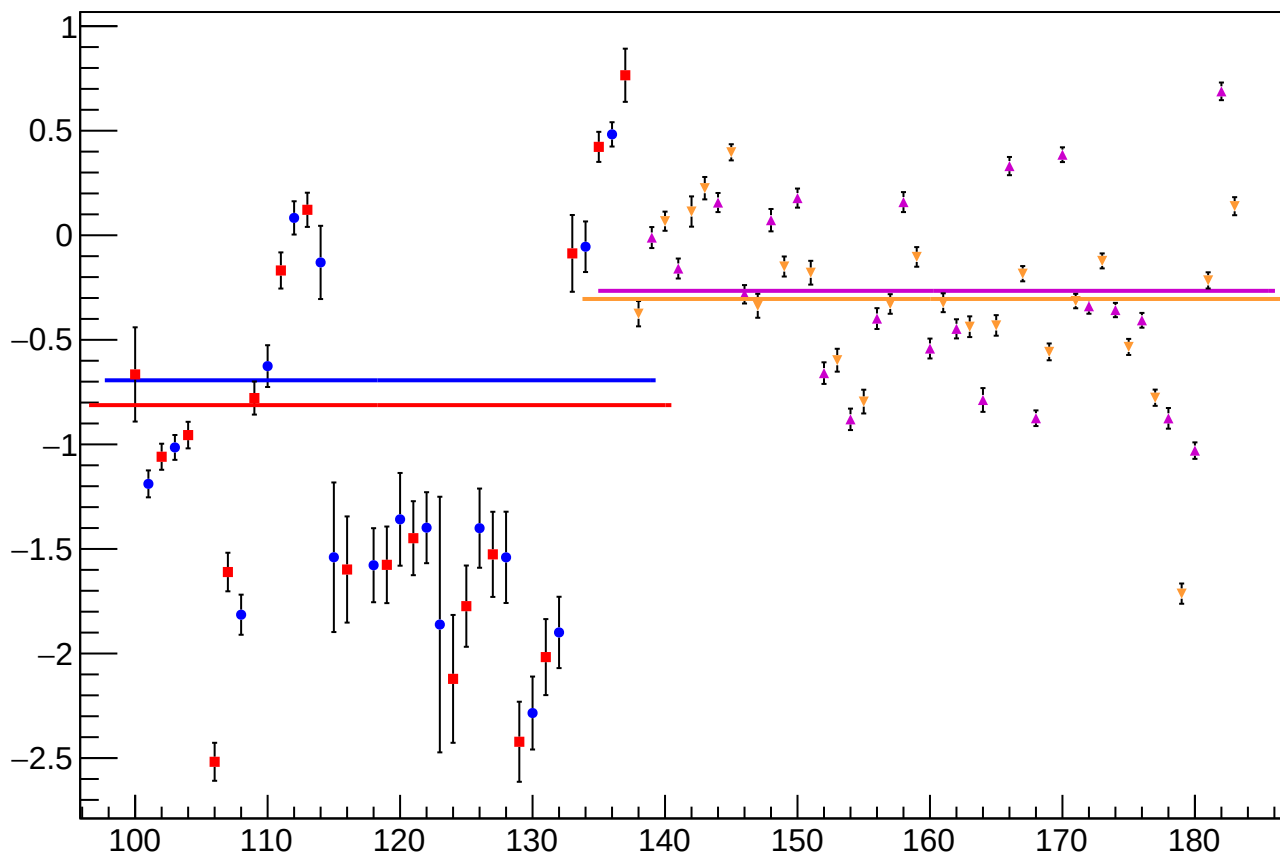
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 107.918 $\pm$ 0.188 χ^2 /NDF: 11588.4/38

Out: 108.551 $\pm$ 0.184 χ^2 /NDF: 14448.7/42

All: 108.241 $\pm$ 0.131 χ^2 /NDF: 26042.9/81

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.694 ± 0.026 χ^2/NDF : 990.7/16

Left Out: -0.305 ± 0.009 χ^2/NDF : 1898.9/23

Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: -0.266 ± 0.009 χ^2/NDF : 2531.2/21

Left: -0.285 ± 0.007 χ^2/NDF : 4439.0/45

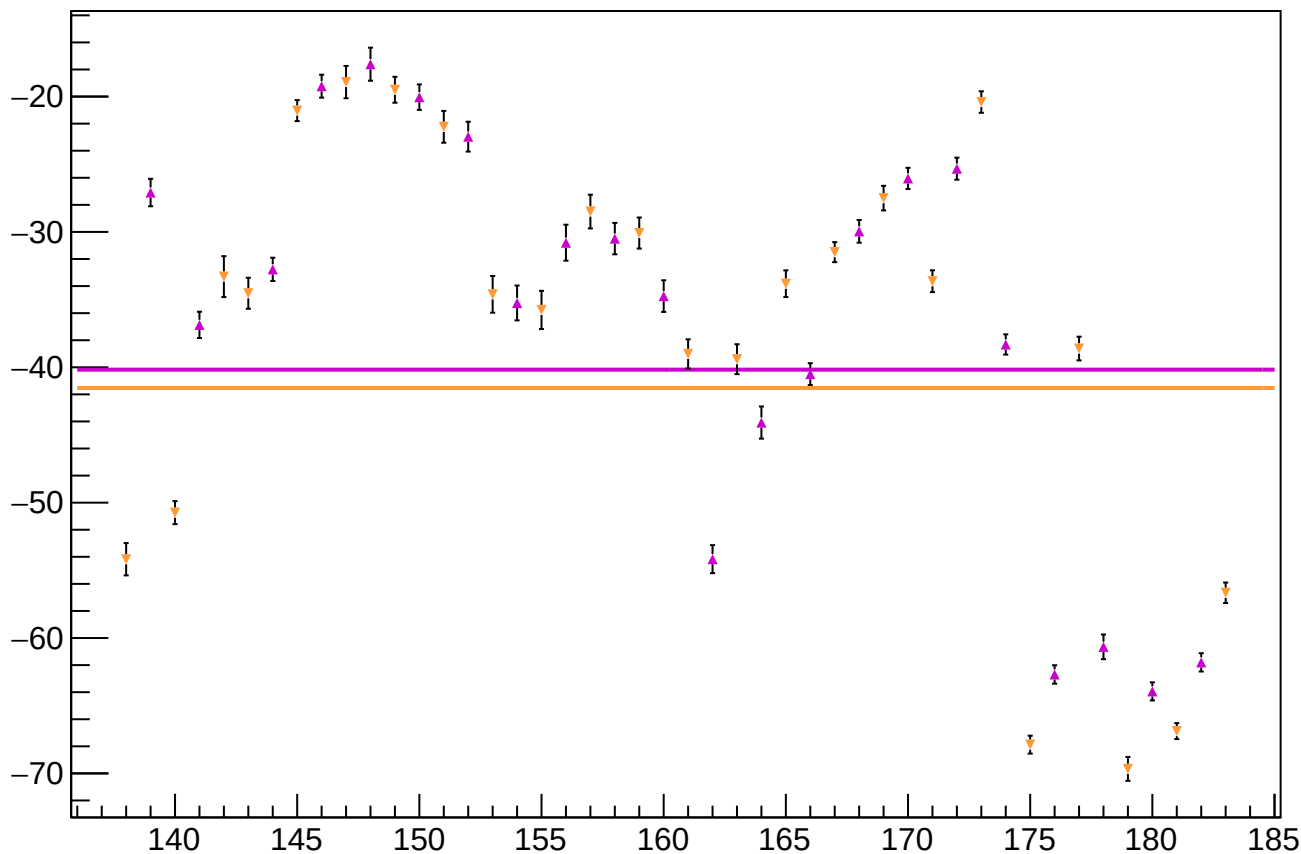
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.315 ± 0.009 χ^2/NDF : 3765.2/38

Out: -0.368 ± 0.009 χ^2/NDF : 3588.8/42

All: -0.342 ± 0.006 χ^2/NDF : 7372.8/81

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: -41.529+/-0.188 χ^2/NDF :8554.8/23

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

Left In: -40.174+/-0.191 χ^2/NDF :6957.2/21

Left: -40.862+/-0.134 χ^2/NDF : 15537.6/45

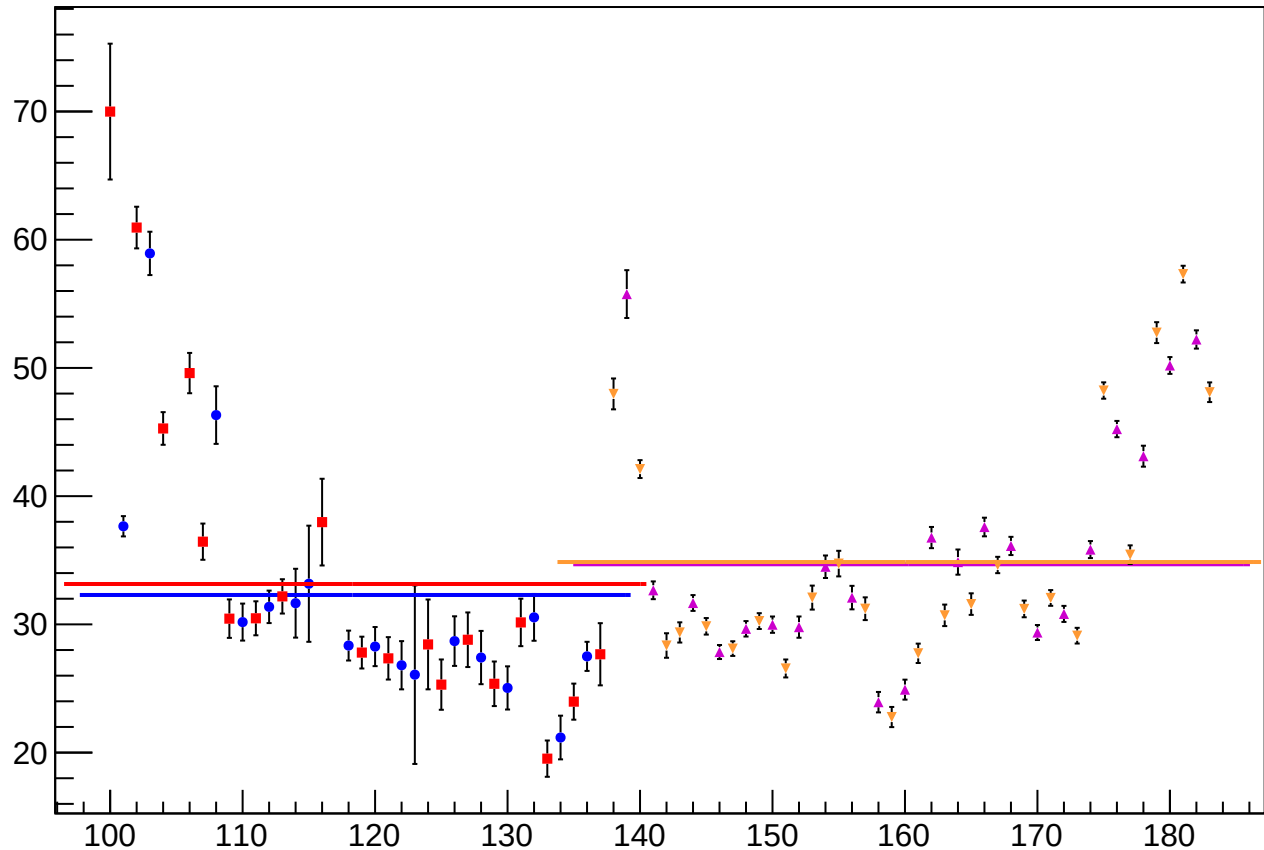
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.174+/-0.191 χ^2/NDF :6957.2/21

Out: -41.529+/-0.188 χ^2/NDF :8554.8/23

All: -40.862+/-0.134 χ^2/NDF : 15537.6/45

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 ± 0.373 $\chi^2/\text{NDF}: 452.5/16$

Left Out: 34.863 ± 0.149 $\chi^2/\text{NDF}: 3654.5/23$

Right Out: 33.149 ± 0.379 $\chi^2/\text{NDF}: 772.6/18$

Left In: 34.687 ± 0.152 $\chi^2/\text{NDF}: 2521.8/21$

Left: 34.777 ± 0.106 $\chi^2/\text{NDF}: 6177.1/45$

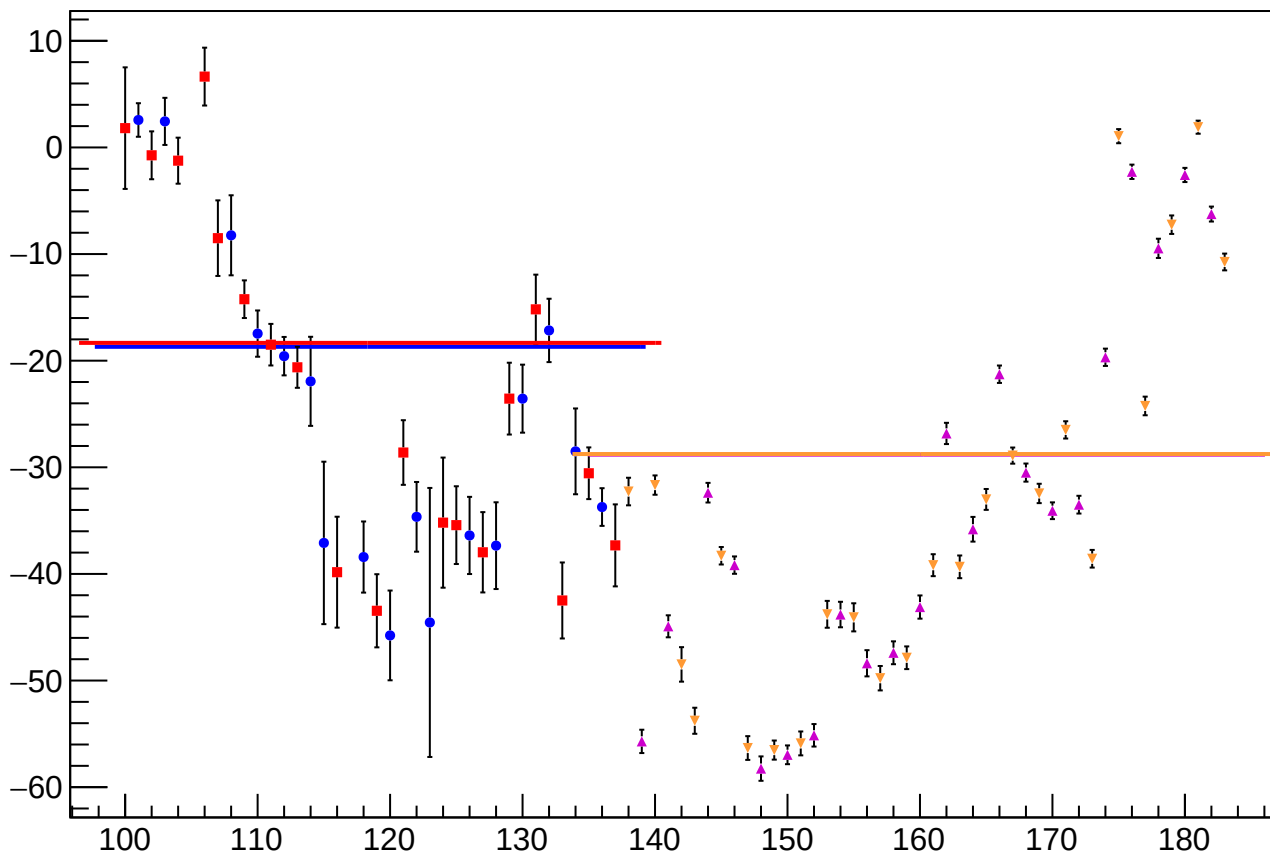
Right: 32.715 ± 0.266 $\chi^2/\text{NDF}: 1227.8/35$

In: 34.345 ± 0.141 $\chi^2/\text{NDF}: 3009.7/38$

Out: 34.634 ± 0.138 $\chi^2/\text{NDF}: 4444.9/42$

All: 34.492 ± 0.099 $\chi^2/\text{NDF}: 7456.7/81$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 χ^2/NDF : 519.1/16

Left Out: -28.756 ± 0.189 χ^2/NDF : 9891.4/23

Right Out: -18.330 ± 0.643 χ^2/NDF : 474.0/18

Left In: -28.813 ± 0.191 χ^2/NDF : 9147.7/21

Left: -28.784 ± 0.134 χ^2/NDF : 19039.2/45

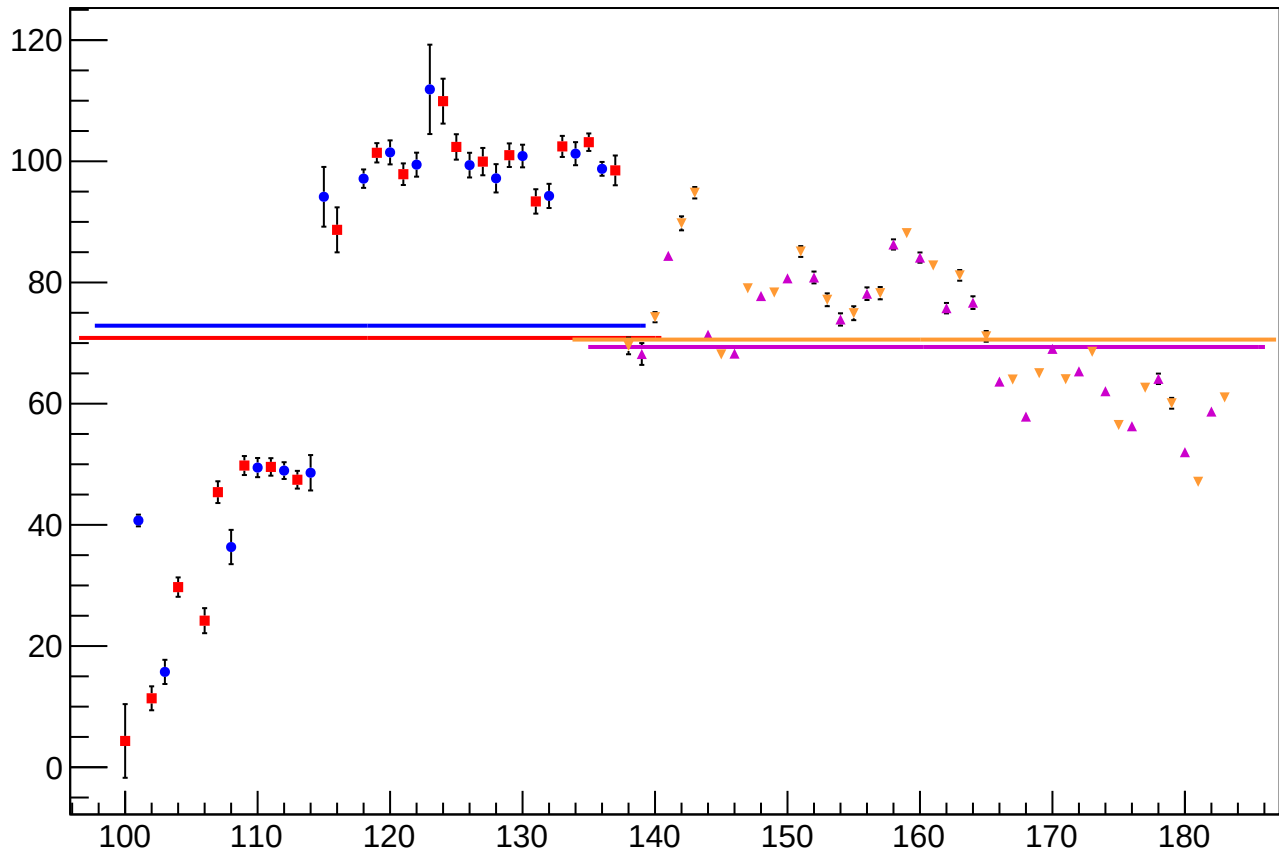
Right: -18.508 ± 0.463 χ^2/NDF : 993.2/35

In: -28.046 ± 0.184 χ^2/NDF : 9879.6/38

Out: -27.930 ± 0.181 χ^2/NDF : 10607.2/42

All: -27.987 ± 0.129 χ^2/NDF : 20487.0/81

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 70.578 $\pm$ 0.168 χ^2 /NDF: 4590.9/23

Right Out: 70.851 $\pm$ 0.433 χ^2 /NDF: 5495.4/18

Left In: 69.356 $\pm$ 0.171 χ^2 /NDF: 3330.7/21

Left: 69.979 $\pm$ 0.120 χ^2 /NDF: 7947.6/45

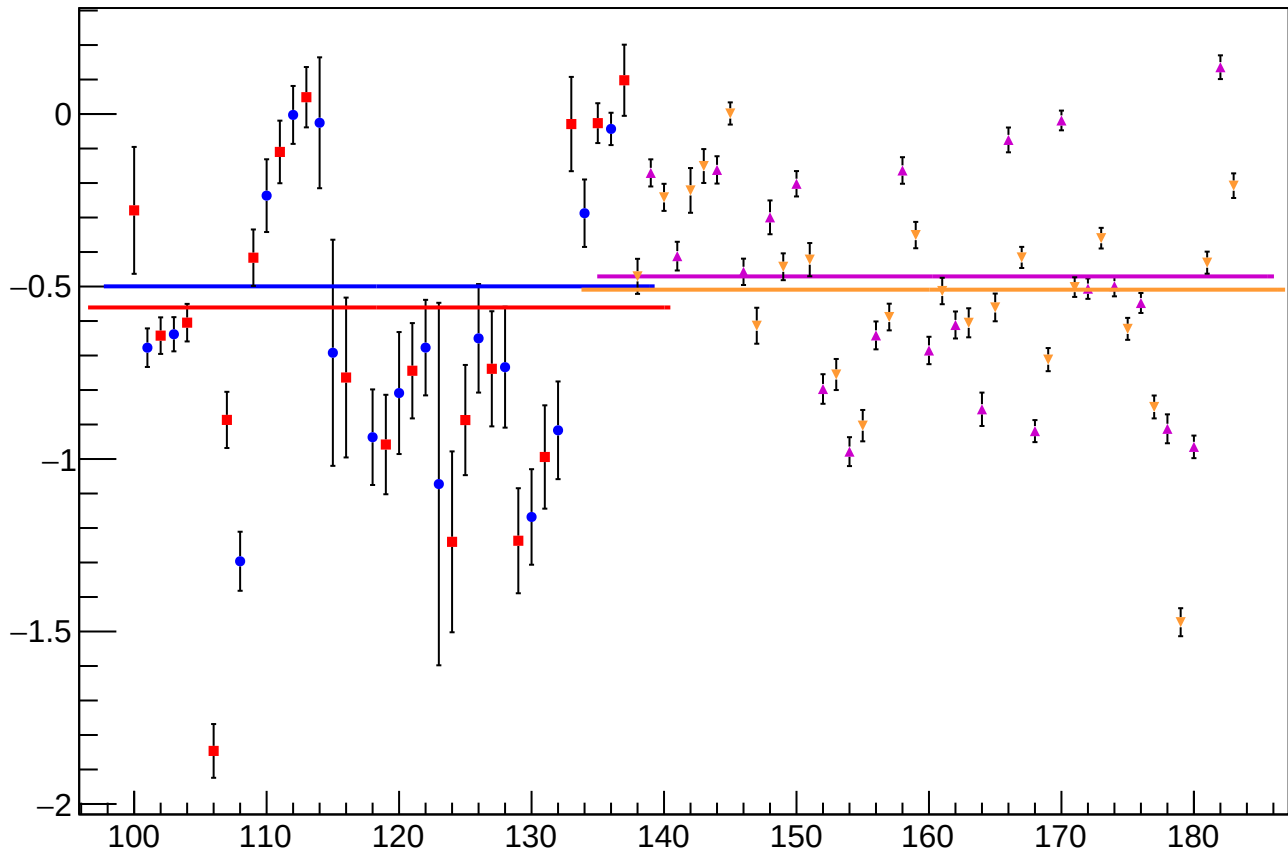
Right: 71.876 $\pm$ 0.304 χ^2 /NDF: 10233.6/35

In: 69.843 $\pm$ 0.159 χ^2 /NDF: 8116.3/38

Out: 70.613 $\pm$ 0.156 χ^2 /NDF: 10086.7/42

All: 70.234 $\pm$ 0.111 χ^2 /NDF: 18214.9/81

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.500 ± 0.022 χ^2/NDF : 302.6/16

Left Out: -0.509 ± 0.008 χ^2/NDF : 1344.8/23

Right Out: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.471 ± 0.008 χ^2/NDF : 1805.1/21

Left: -0.490 ± 0.005 χ^2/NDF : 3162.3/45

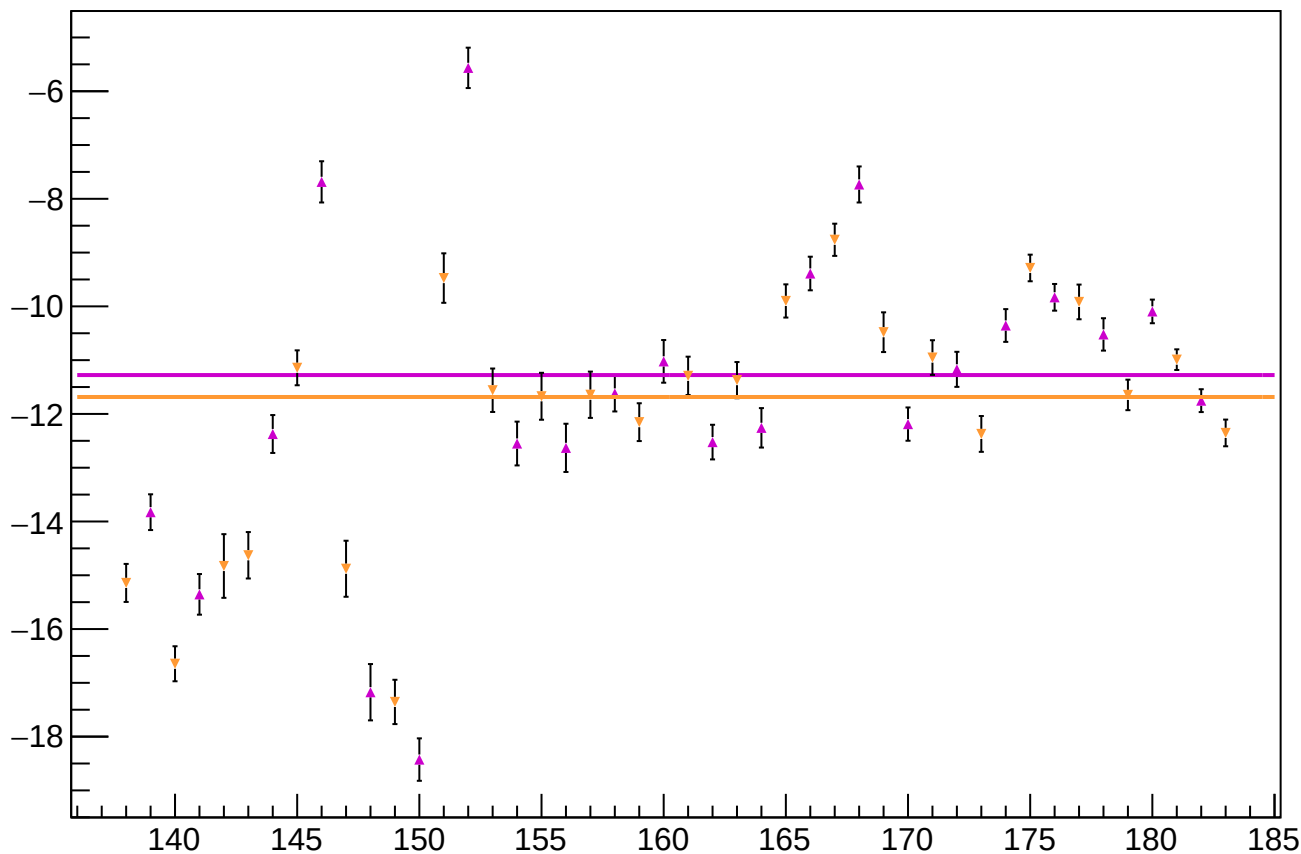
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.474 ± 0.007 χ^2/NDF : 2109.2/38

Out: -0.515 ± 0.007 χ^2/NDF : 1911.7/42

All: -0.495 ± 0.005 χ^2/NDF : 4036.9/81

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: -11.685+/-0.067 χ^2/NDF :952.8/23

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

Left In: -11.277+/-0.069 χ^2/NDF :1242.5/21

Left: -11.485+/-0.048 χ^2/NDF : 2213.3/45

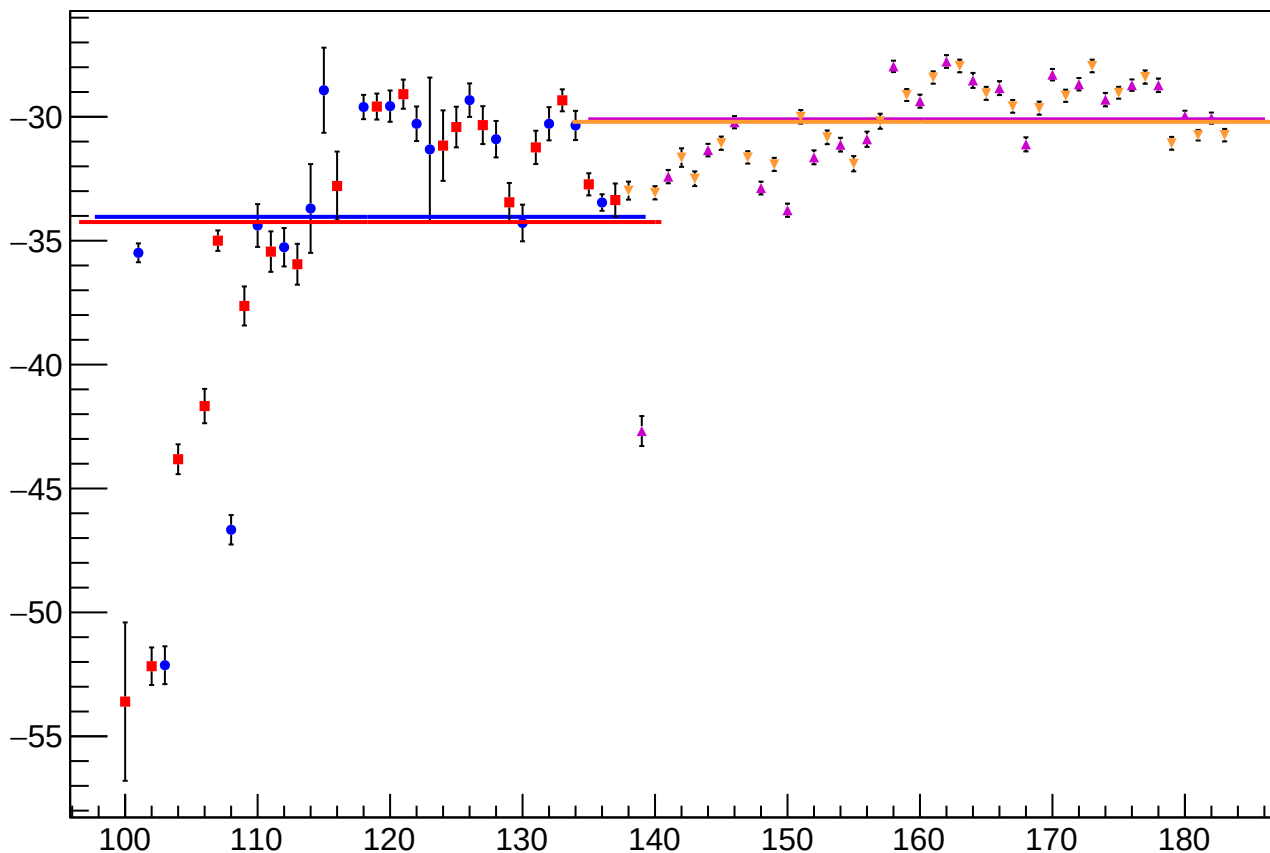
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.277+/-0.069 χ^2/NDF :1242.5/21

Out: -11.685+/-0.067 χ^2/NDF :952.8/23

All: -11.485+/-0.048 χ^2/NDF : 2213.3/45

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -30.203 ± 0.054 χ^2/NDF : 732.5/23

Right Out: -34.248 ± 0.151 χ^2/NDF : 1357.5/18

Left In: -30.102 ± 0.056 χ^2/NDF : 1280.5/21

Left: -30.154 ± 0.039 χ^2/NDF : 2014.8/45

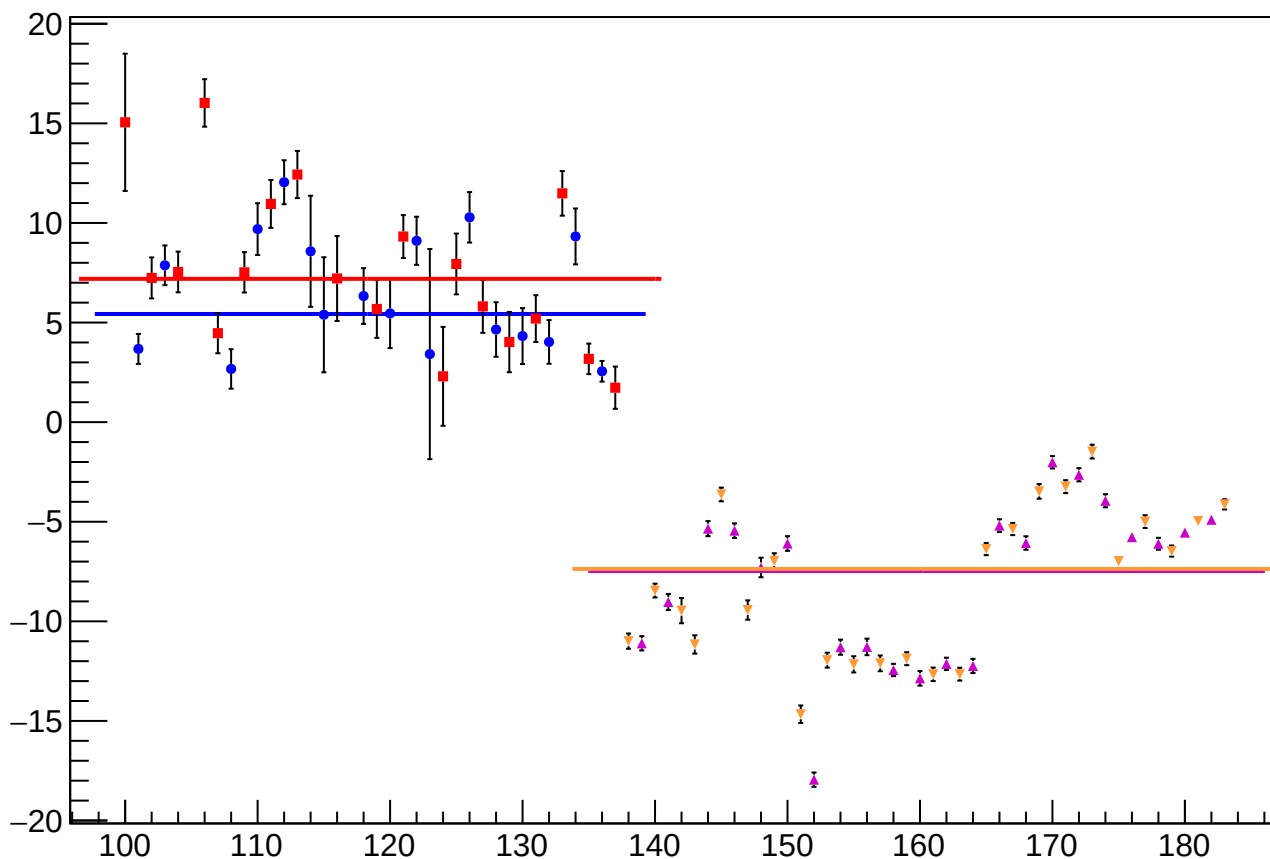
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -30.578 ± 0.052 χ^2/NDF : 3221.6/38

Out: -30.669 ± 0.051 χ^2/NDF : 2727.9/42

All: -30.625 ± 0.037 χ^2/NDF : 5951.0/81

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 χ^2/NDF : 132.6/16

Left Out: -7.369 ± 0.068 χ^2/NDF : 2704.2/23

Right Out: 7.195 ± 0.274 χ^2/NDF : 183.1/18

Left In: -7.474 ± 0.069 χ^2/NDF : 3093.5/21

Left: -7.420 ± 0.048 χ^2/NDF : 5798.9/45

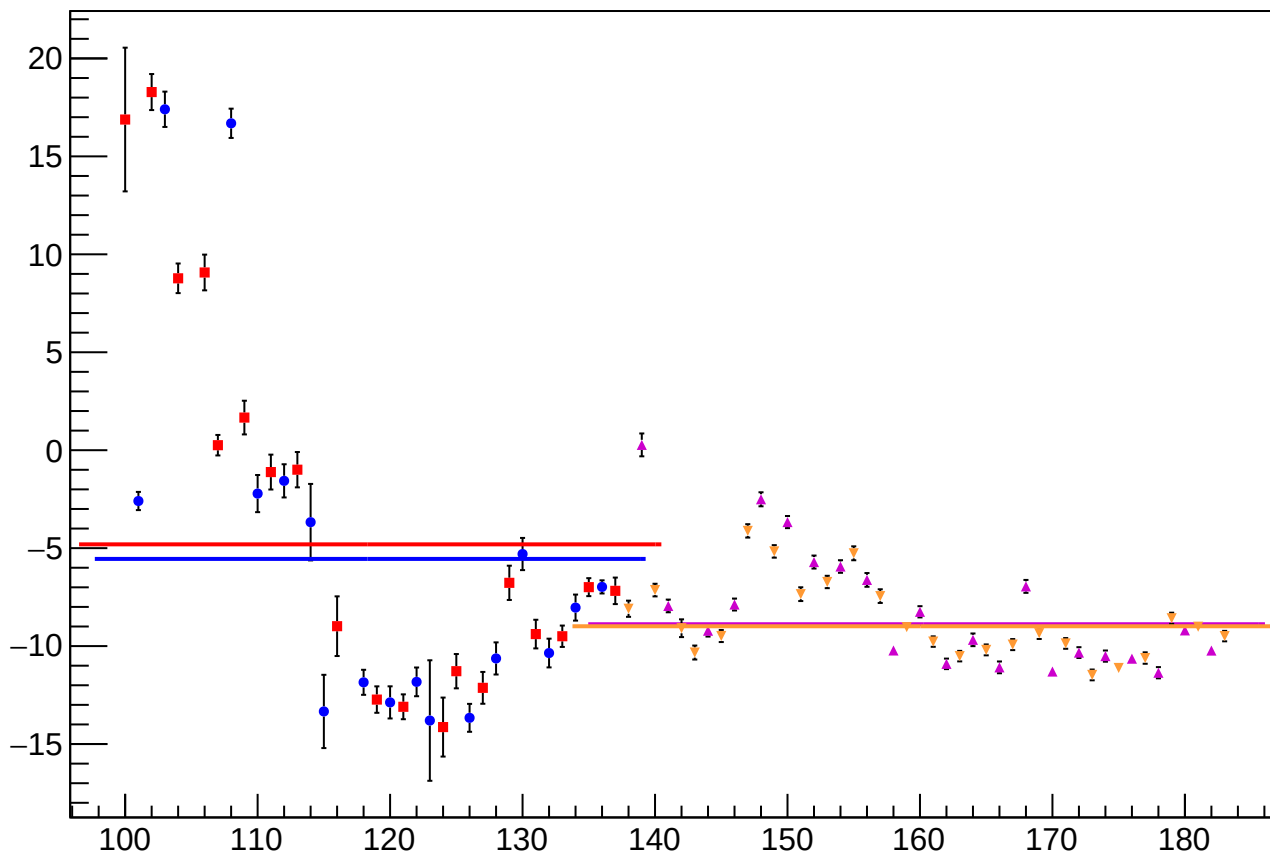
Right: 6.298 ± 0.192 χ^2/NDF : 336.8/35

In: -6.692 ± 0.066 χ^2/NDF : 5373.3/38

Out: -6.536 ± 0.066 χ^2/NDF : 5549.5/42

All: -6.613 ± 0.047 χ^2/NDF : 10925.5/81

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -8.988 ± 0.061 χ^2/NDF : 874.0/23

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -8.884 ± 0.062 χ^2/NDF : 1582.0/21

Left: -8.937 ± 0.043 χ^2/NDF : 2457.4/45

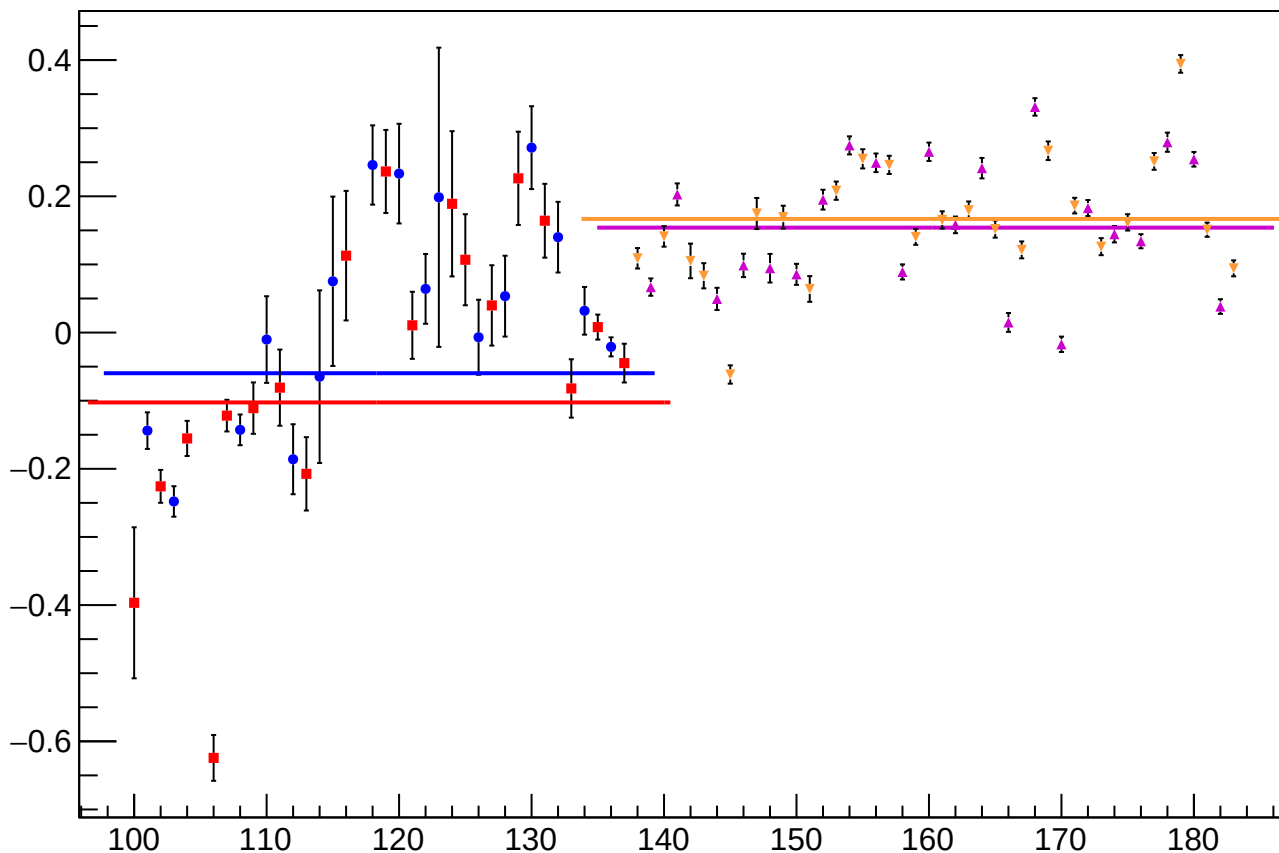
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -8.491 ± 0.058 χ^2/NDF : 4047.6/38

Out: -8.528 ± 0.057 χ^2/NDF : 3444.2/42

All: -8.510 ± 0.041 χ^2/NDF : 7492.0/81

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.060 ± 0.008 χ^2/NDF : 216.6/16

Left Out: 0.167 ± 0.003 χ^2/NDF : 930.6/23

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.154 ± 0.003 χ^2/NDF : 1226.0/21

Left: 0.160 ± 0.002 χ^2/NDF : 2167.3/45

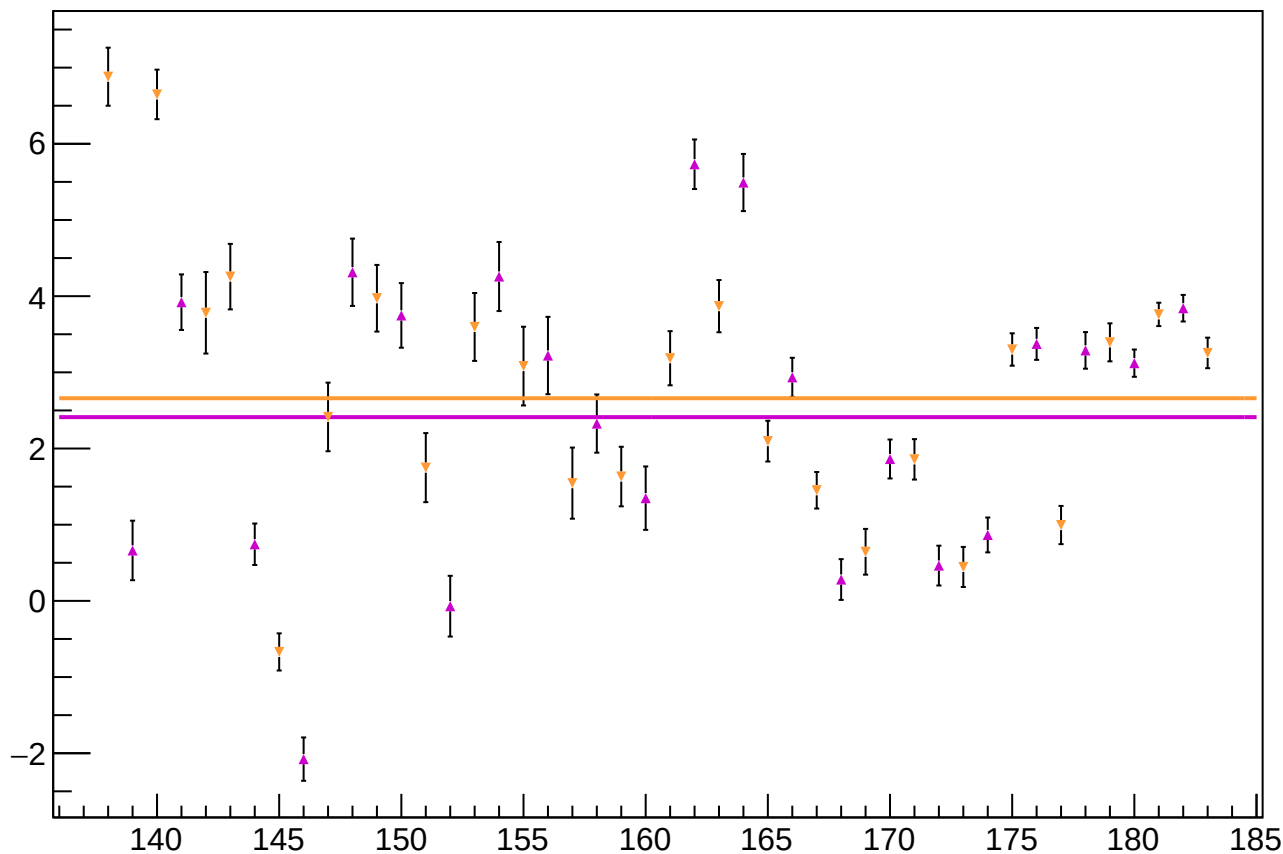
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.133 ± 0.003 χ^2/NDF : 2026.4/38

Out: 0.141 ± 0.003 χ^2/NDF : 2290.4/42

All: 0.137 ± 0.002 χ^2/NDF : 4321.2/81

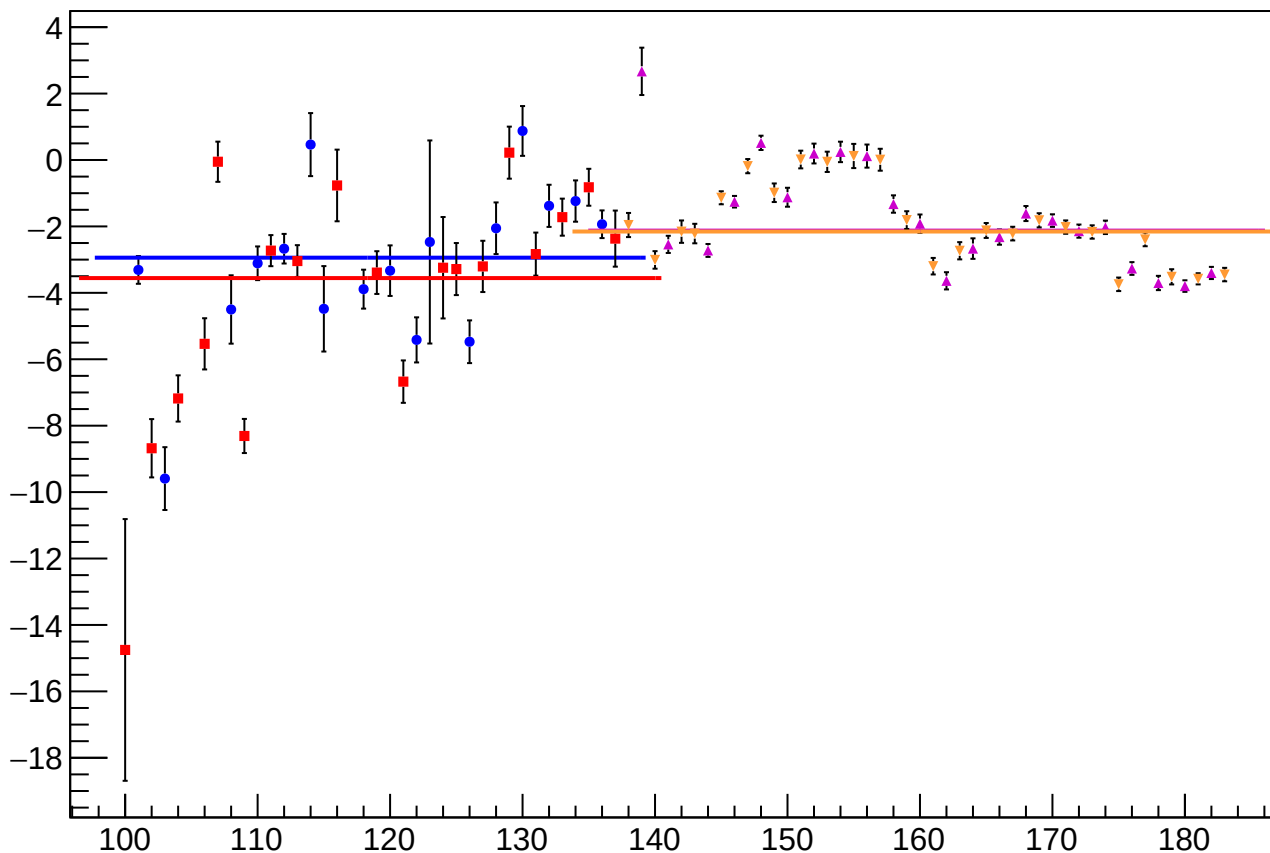
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 2.660 ± 0.059 $\chi^2/\text{NDF}: 800.4/23$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 2.412 ± 0.060 $\chi^2/\text{NDF}: 878.9/21$

Left: 2.538 ± 0.042 $\chi^2/\text{NDF}: 1687.9/45$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 2.412 ± 0.060 $\chi^2/\text{NDF}: 878.9/21$
 Out: 2.660 ± 0.059 $\chi^2/\text{NDF}: 800.4/23$
 All: 2.538 ± 0.042 $\chi^2/\text{NDF}: 1687.9/45$

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 χ^2/NDF : 145.6/16

Left Out: -2.154 ± 0.048 χ^2/NDF : 572.4/23

Right Out: -3.556 ± 0.155 χ^2/NDF : 291.6/18

Left In: -2.127 ± 0.049 χ^2/NDF : 691.5/21

Left: -2.140 ± 0.034 χ^2/NDF : 1264.0/45

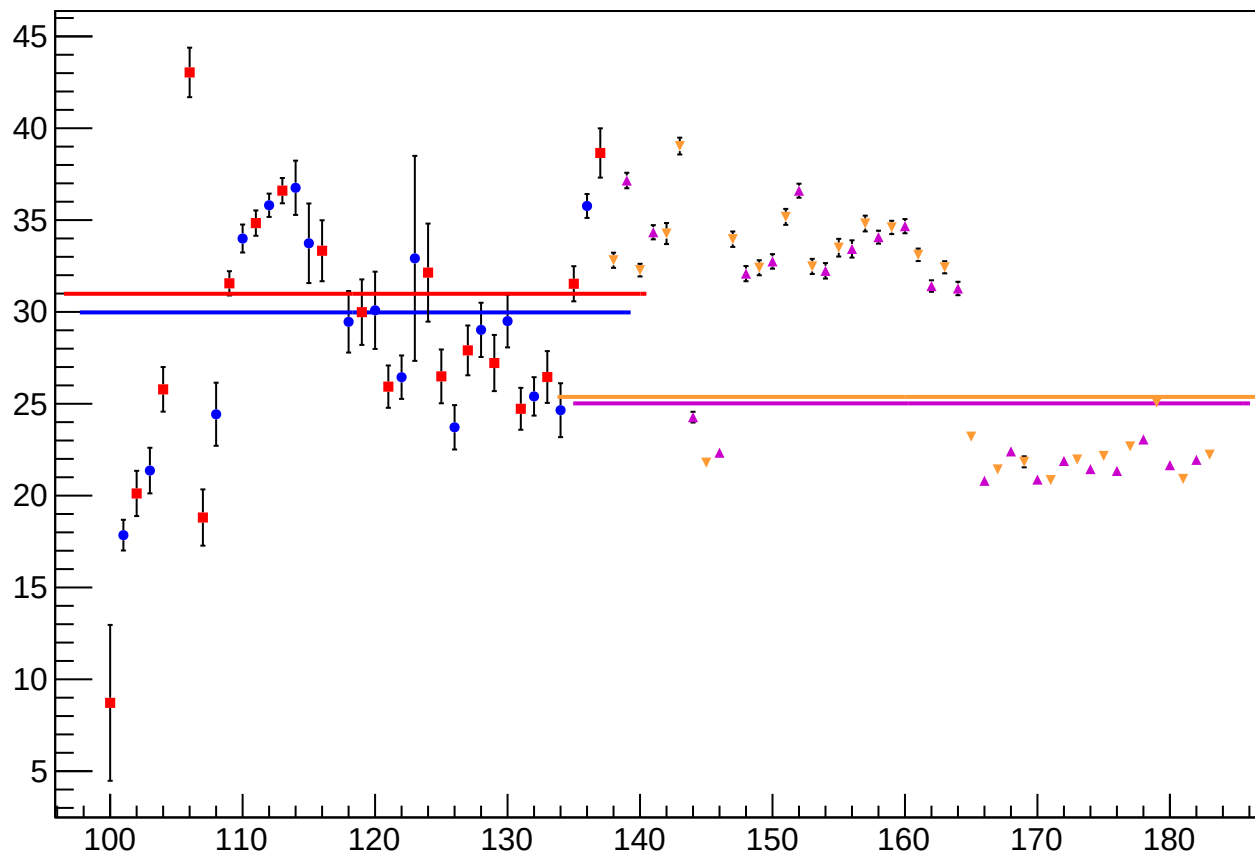
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -2.201 ± 0.046 χ^2/NDF : 862.4/38

Out: -2.278 ± 0.046 χ^2/NDF : 939.0/42

All: -2.240 ± 0.033 χ^2/NDF : 1802.9/81

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 $\pm$ 0.267 χ^2 /NDF: 553.9/16

Left Out: 25.375 $\pm$ 0.060 χ^2 /NDF: 8207.2/23

Right Out: 30.989 $\pm$ 0.260 χ^2 /NDF: 481.0/18

Left In: 25.022 $\pm$ 0.060 χ^2 /NDF: 7688.5/21

Left: 25.200 $\pm$ 0.042 χ^2 /NDF: 15913.1/45

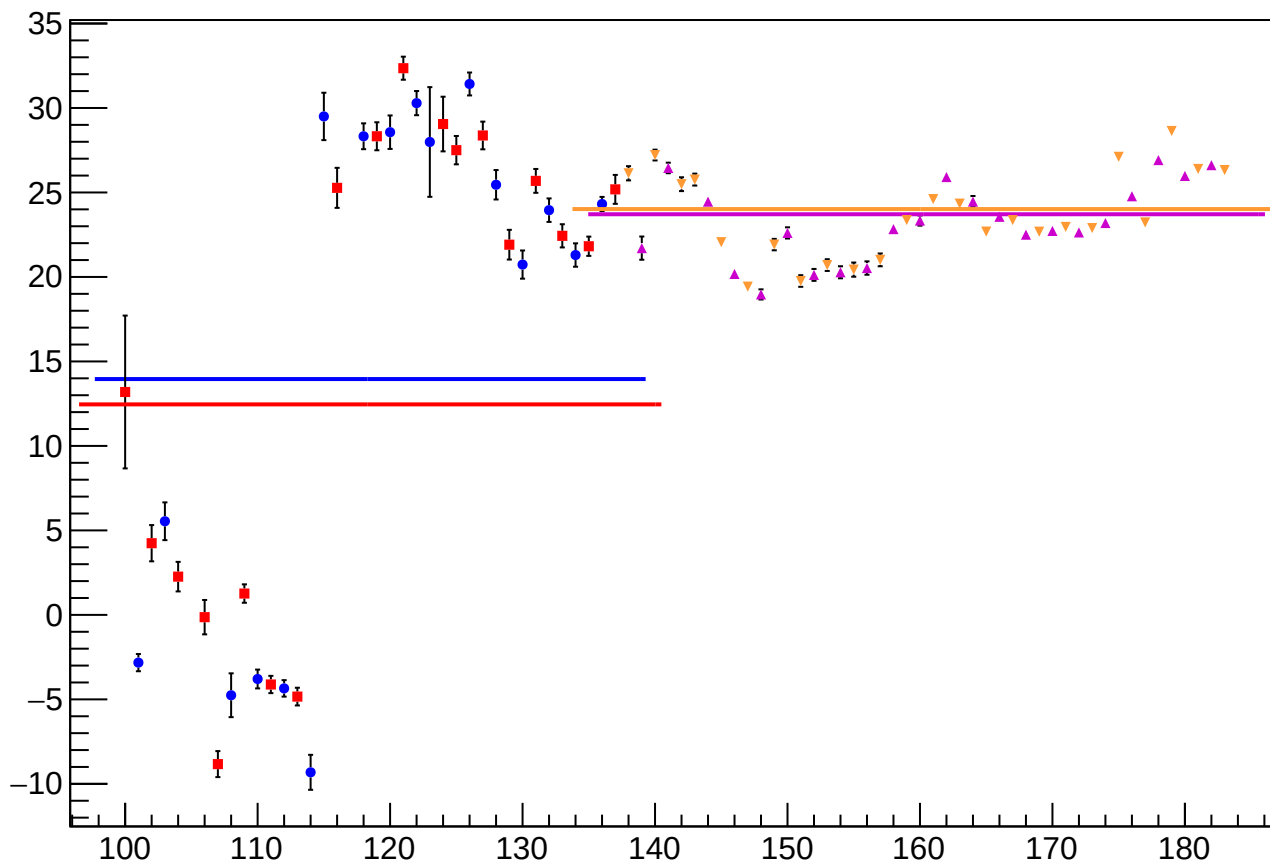
Right: 30.495 $\pm$ 0.186 χ^2 /NDF: 1042.4/35

In: 25.261 $\pm$ 0.059 χ^2 /NDF: 8569.3/38

Out: 25.656 $\pm$ 0.058 χ^2 /NDF: 9131.3/42

All: 25.460 $\pm$ 0.041 χ^2 /NDF: 17723.4/81

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 24.018 $\pm$ 0.054 χ^2 /NDF:1880.6/23

Right Out: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

Left In: 23.711 $\pm$ 0.054 χ^2 /NDF:1629.4/21

Left: 23.867 $\pm$ 0.038 χ^2 /NDF: 3526.1/45

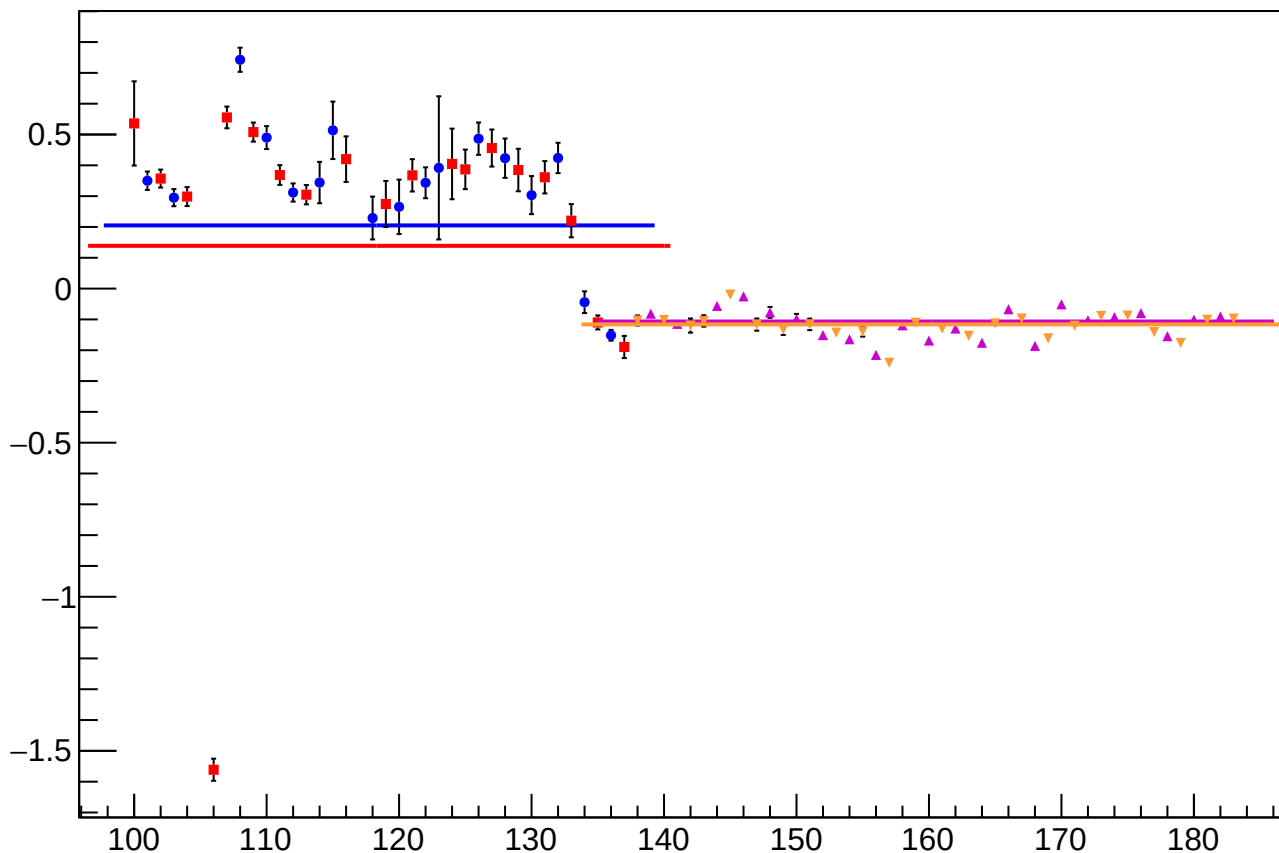
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 22.825 $\pm$ 0.052 χ^2 /NDF:11891.4/38

Out: 23.004 $\pm$ 0.051 χ^2 /NDF:12905.3/42

All: 22.915 $\pm$ 0.037 χ^2 /NDF: 24802.7/81

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 χ^2/NDF : 846.7/16

Left Out: -0.116 ± 0.002 χ^2/NDF : 258.6/23

Right Out: 0.139 ± 0.009 χ^2/NDF : 3016.4/18

Left In: -0.107 ± 0.002 χ^2/NDF : 321.9/21

Left: -0.112 ± 0.002 χ^2/NDF : 587.6/45

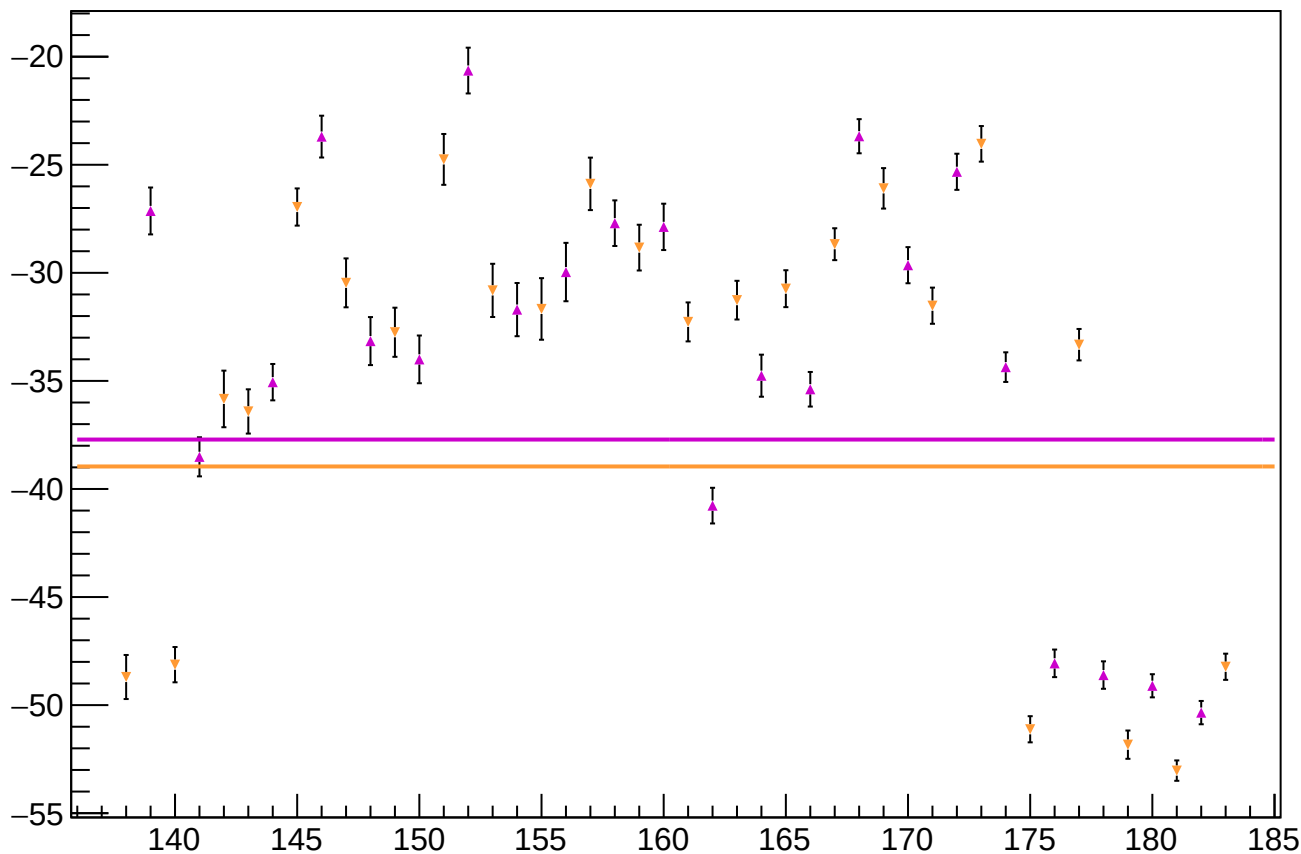
Right: 0.171 ± 0.007 χ^2/NDF : 3888.5/35

In: -0.086 ± 0.002 χ^2/NDF : 2203.1/38

Out: -0.099 ± 0.002 χ^2/NDF : 3991.8/42

All: -0.093 ± 0.002 χ^2/NDF : 6209.0/81

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: -38.959+/-0.171 χ^2/NDF :3921.5/23

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

Left In: -37.713+/-0.175 χ^2/NDF :3077.7/21

Left: -38.352+/-0.122 χ^2/NDF : 7025.1/45

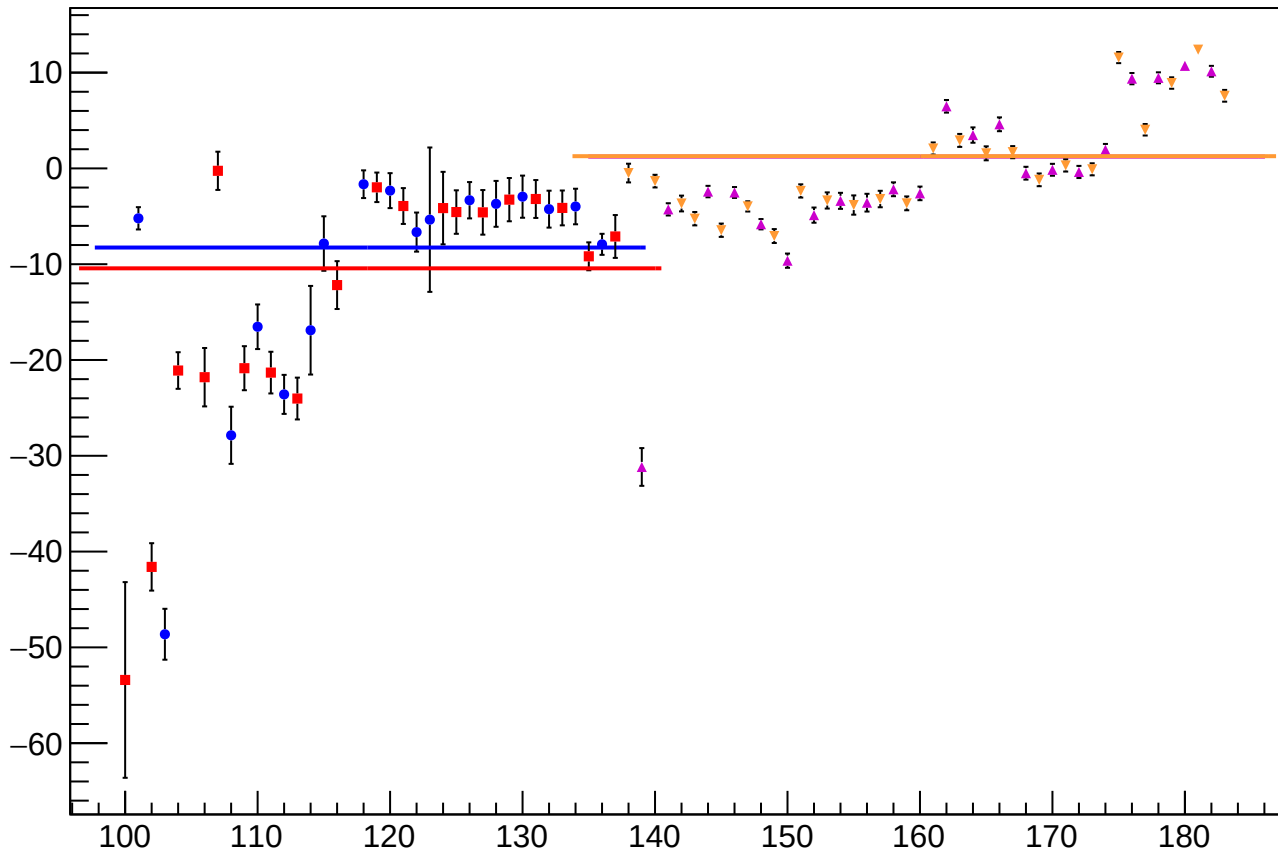
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.713+/-0.175 χ^2/NDF :3077.7/21

Out: -38.959+/-0.171 χ^2/NDF :3921.5/23

All: -38.352+/-0.122 χ^2/NDF : 7025.1/45

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 χ^2/NDF : 411.9/16

Left Out: 1.275 ± 0.137 χ^2/NDF : 1737.1/23

Right Out: -10.433 ± 0.491 χ^2/NDF : 428.7/18

Left In: 1.232 ± 0.141 χ^2/NDF : 2061.9/21

Left: 1.254 ± 0.098 χ^2/NDF : 3799.0/45

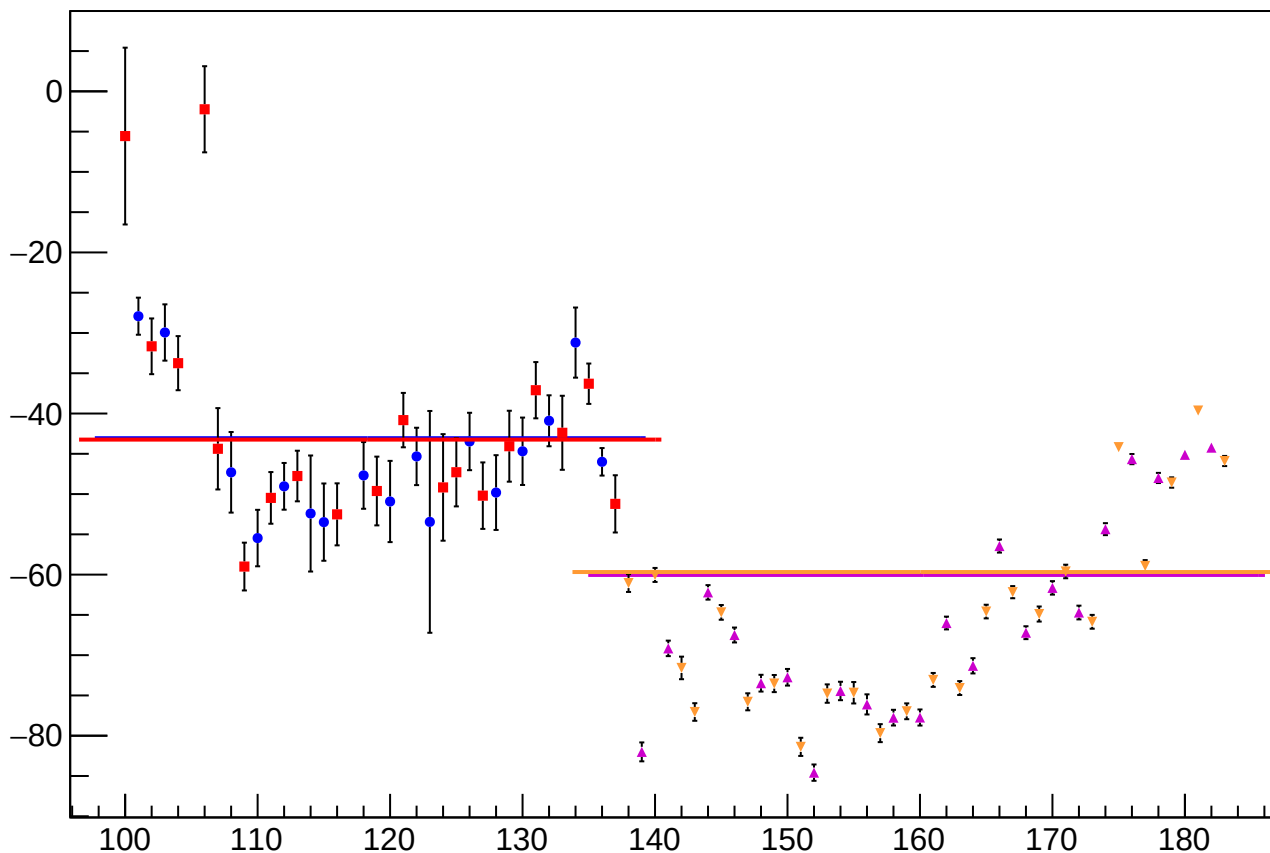
Right: -9.283 ± 0.337 χ^2/NDF : 850.9/35

In: 0.426 ± 0.135 χ^2/NDF : 2859.1/38

Out: 0.426 ± 0.132 χ^2/NDF : 2694.0/42

All: 0.426 ± 0.094 χ^2/NDF : 5553.1/81

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 χ^2/NDF : 99.0/16

Left Out: -59.678 ± 0.172 χ^2/NDF : 5816.9/23

Right Out: -43.237 ± 0.866 χ^2/NDF : 154.2/18

Left In: -60.039 ± 0.175 χ^2/NDF : 5238.7/21

Left: -59.855 ± 0.123 χ^2/NDF : 11057.8/45

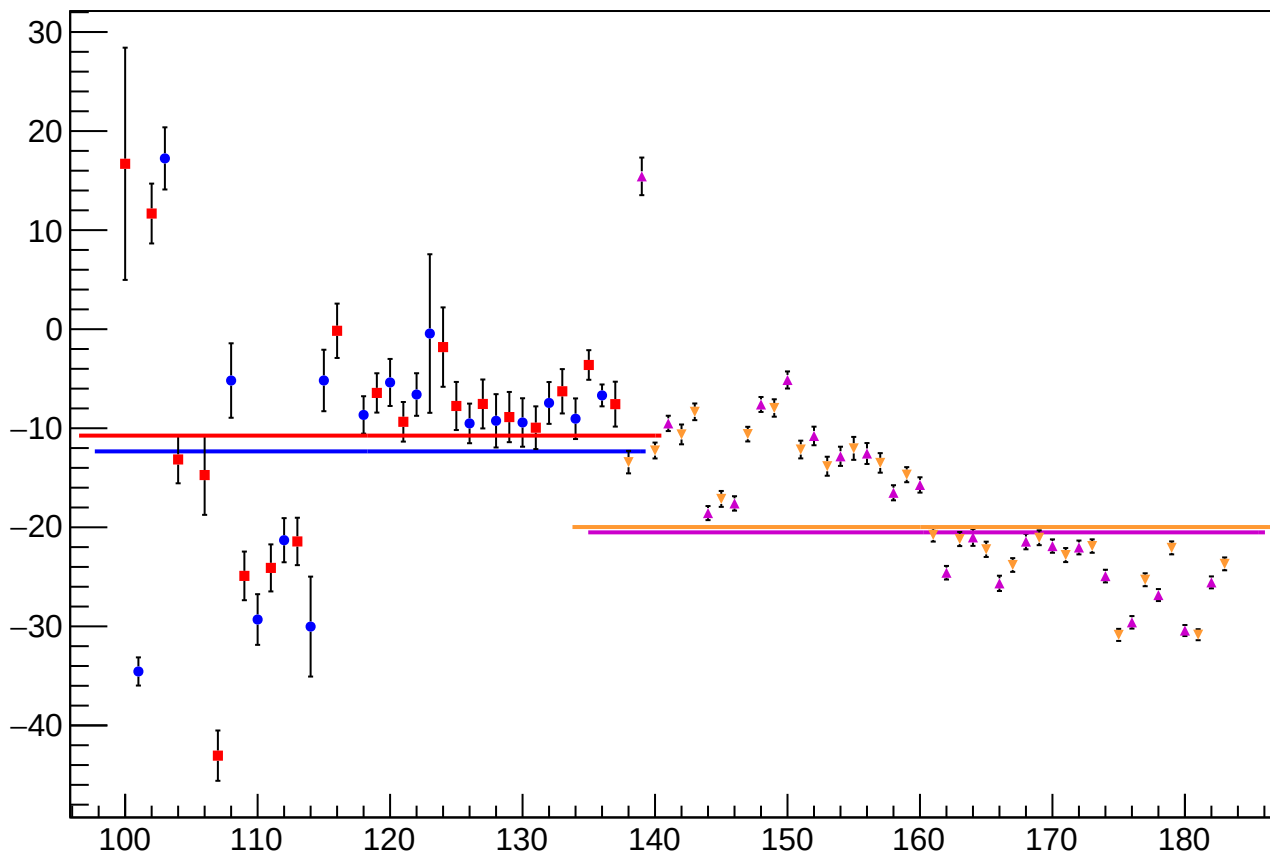
Right: -43.147 ± 0.601 χ^2/NDF : 253.3/35

In: -59.325 ± 0.171 χ^2/NDF : 5733.4/38

Out: -59.055 ± 0.168 χ^2/NDF : 6317.8/42

All: -59.188 ± 0.120 χ^2/NDF : 12052.4/81

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 χ^2/NDF : 475.2/16

Left Out: -19.973 ± 0.154 χ^2/NDF : 1899.5/23

Right Out: -10.743 ± 0.553 χ^2/NDF : 366.9/18

Left In: -20.511 ± 0.158 χ^2/NDF : 2327.7/21

Left: -20.235 ± 0.110 χ^2/NDF : 4233.1/45

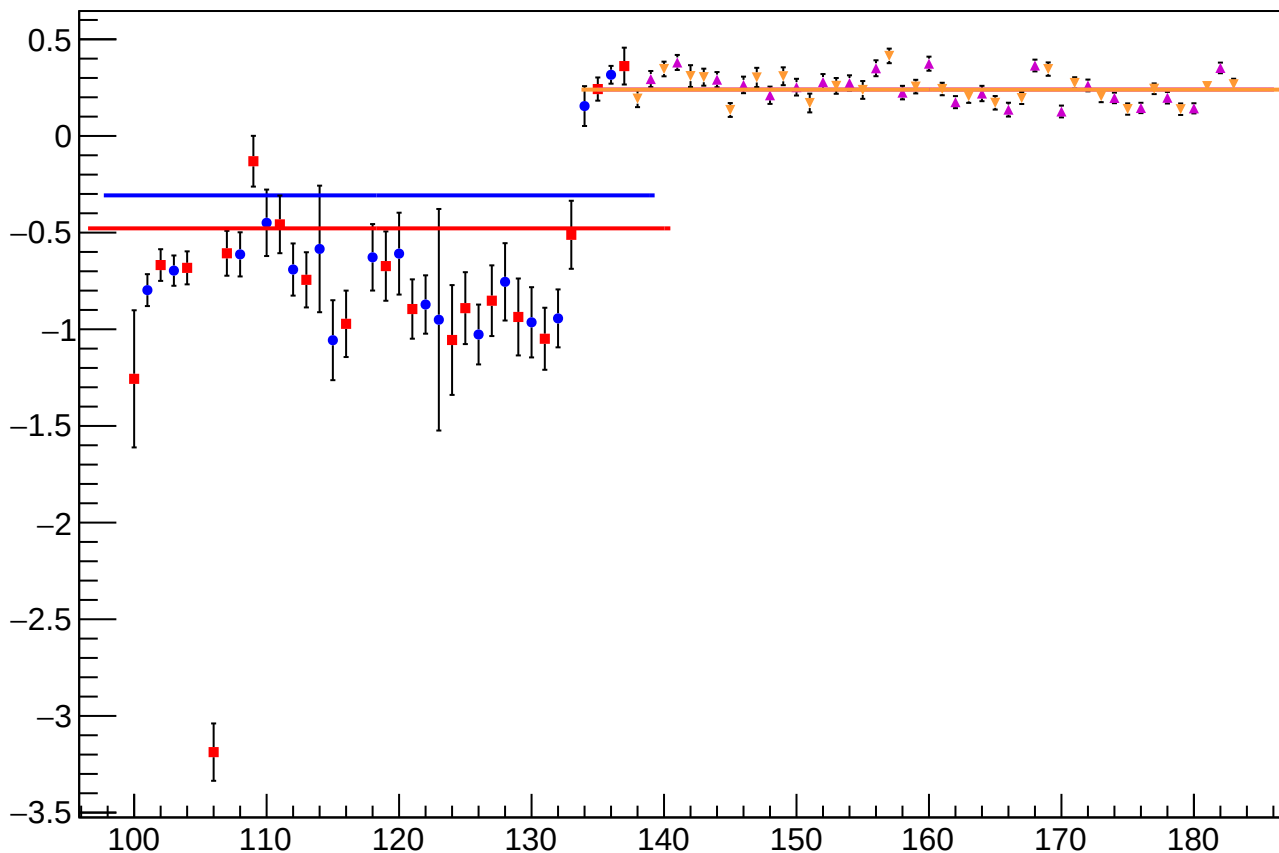
Right: -11.588 ± 0.379 χ^2/NDF : 846.4/35

In: -19.821 ± 0.151 χ^2/NDF : 3028.8/38

Out: -19.307 ± 0.149 χ^2/NDF : 2524.8/42

All: -19.560 ± 0.106 χ^2/NDF : 5559.5/81

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 ± 0.028 $\chi^2/\text{NDF}: 372.2/16$

Left Out: 0.240 ± 0.007 $\chi^2/\text{NDF}: 92.6/23$

Right Out: -0.478 ± 0.029 $\chi^2/\text{NDF}: 631.3/18$

Left In: 0.240 ± 0.007 $\chi^2/\text{NDF}: 131.2/21$

Left: 0.240 ± 0.005 $\chi^2/\text{NDF}: 223.8/45$

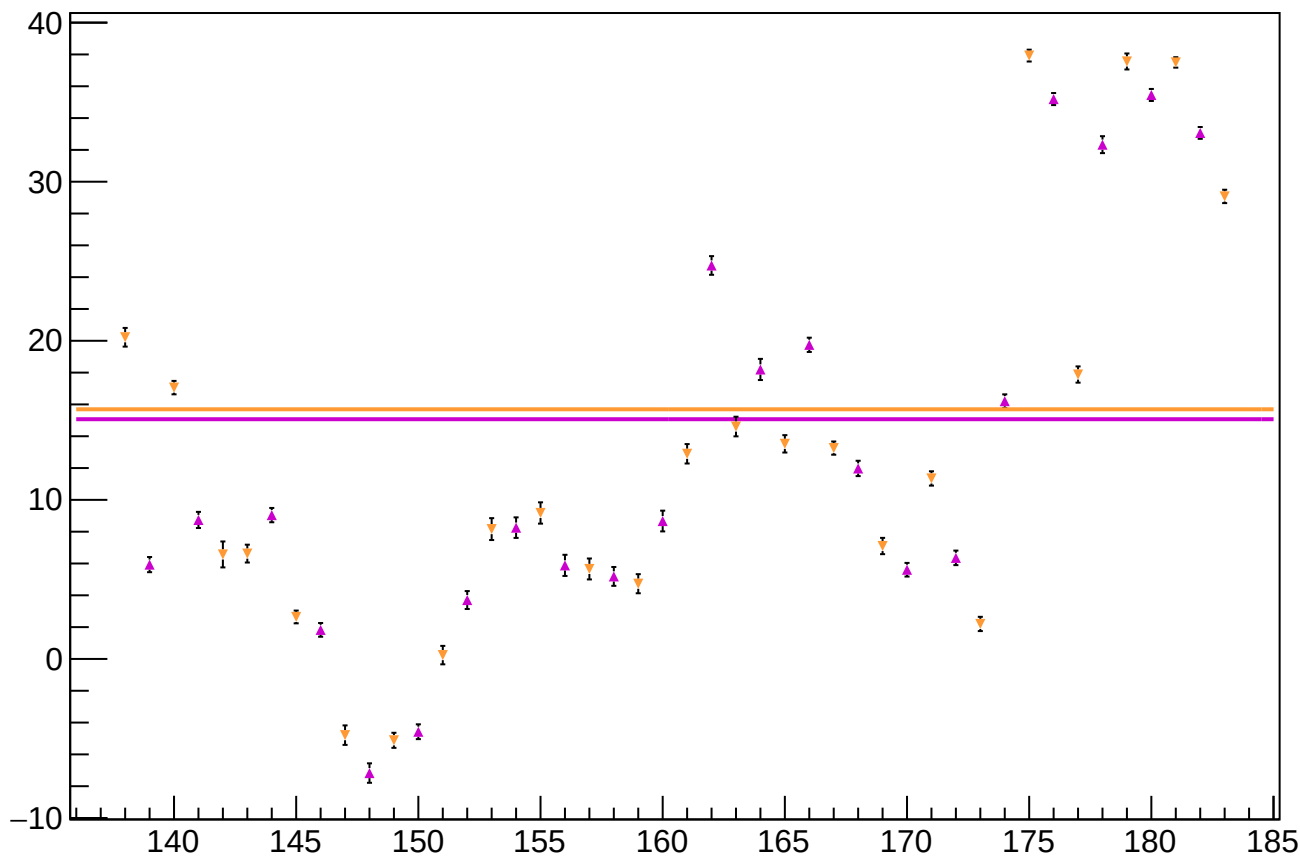
Right: -0.390 ± 0.020 $\chi^2/\text{NDF}: 1022.0/35$

In: 0.205 ± 0.007 $\chi^2/\text{NDF}: 873.5/38$

Out: 0.197 ± 0.007 $\chi^2/\text{NDF}: 1319.6/42$

All: 0.201 ± 0.005 $\chi^2/\text{NDF}: 2193.7/81$

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: 15.694 $\pm$ 0.102 χ^2 /NDF:18310.0/23

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

Left In: 15.069 $\pm$ 0.103 χ^2 /NDF:16245.7/21

Left: 15.387 $\pm$ 0.072 χ^2 /NDF: 34574.2/45

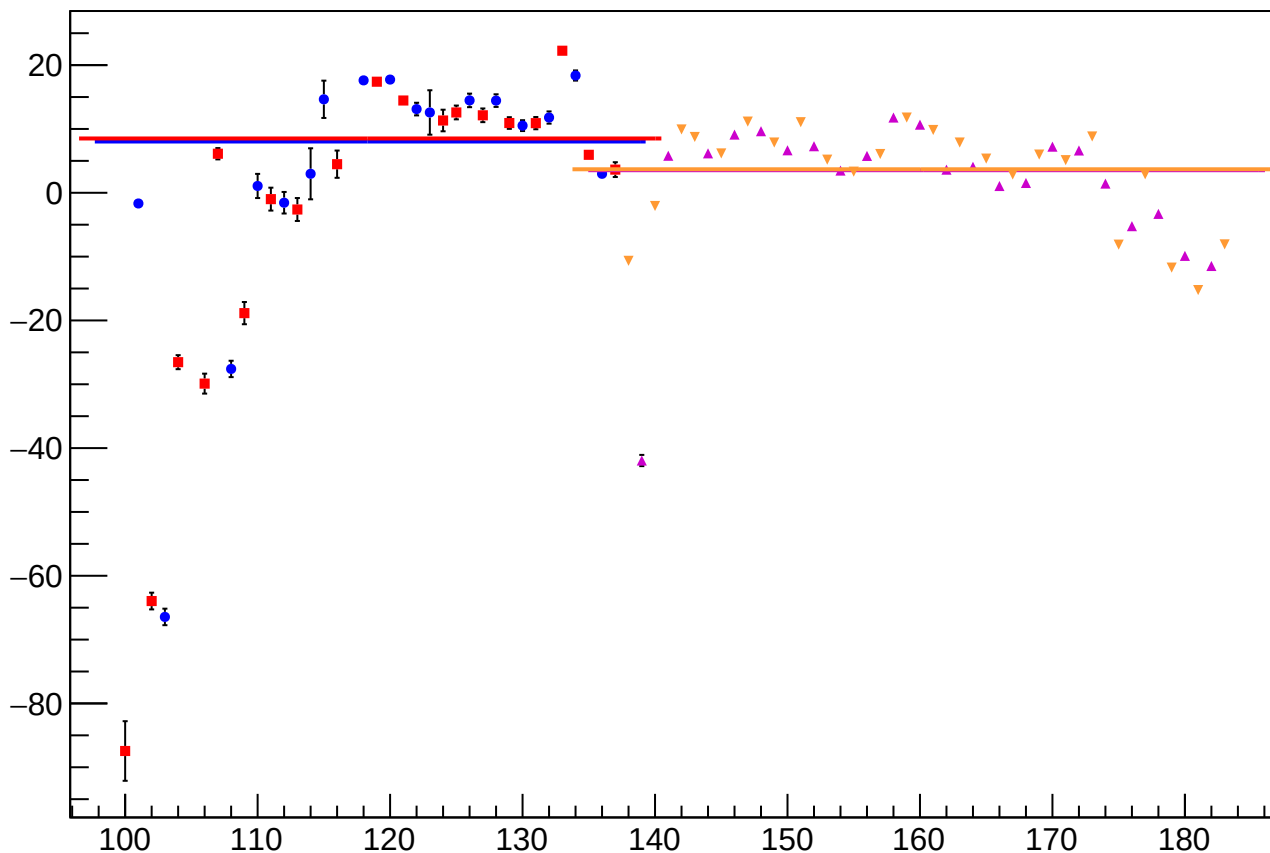
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 15.069 $\pm$ 0.103 χ^2 /NDF:16245.7/21

Out: 15.694 $\pm$ 0.102 χ^2 /NDF:18310.0/23

All: 15.387 $\pm$ 0.072 χ^2 /NDF: 34574.2/45

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 $\pm$ 0.215 χ^2 /NDF: 5370.3/16

Left Out: 3.682 $\pm$ 0.079 χ^2 /NDF: 9210.4/23

Right Out: 8.508 $\pm$ 0.213 χ^2 /NDF: 6713.4/18

Left In: 3.539 $\pm$ 0.082 χ^2 /NDF: 8374.9/21

Left: 3.612 $\pm$ 0.057 χ^2 /NDF: 17586.9/45

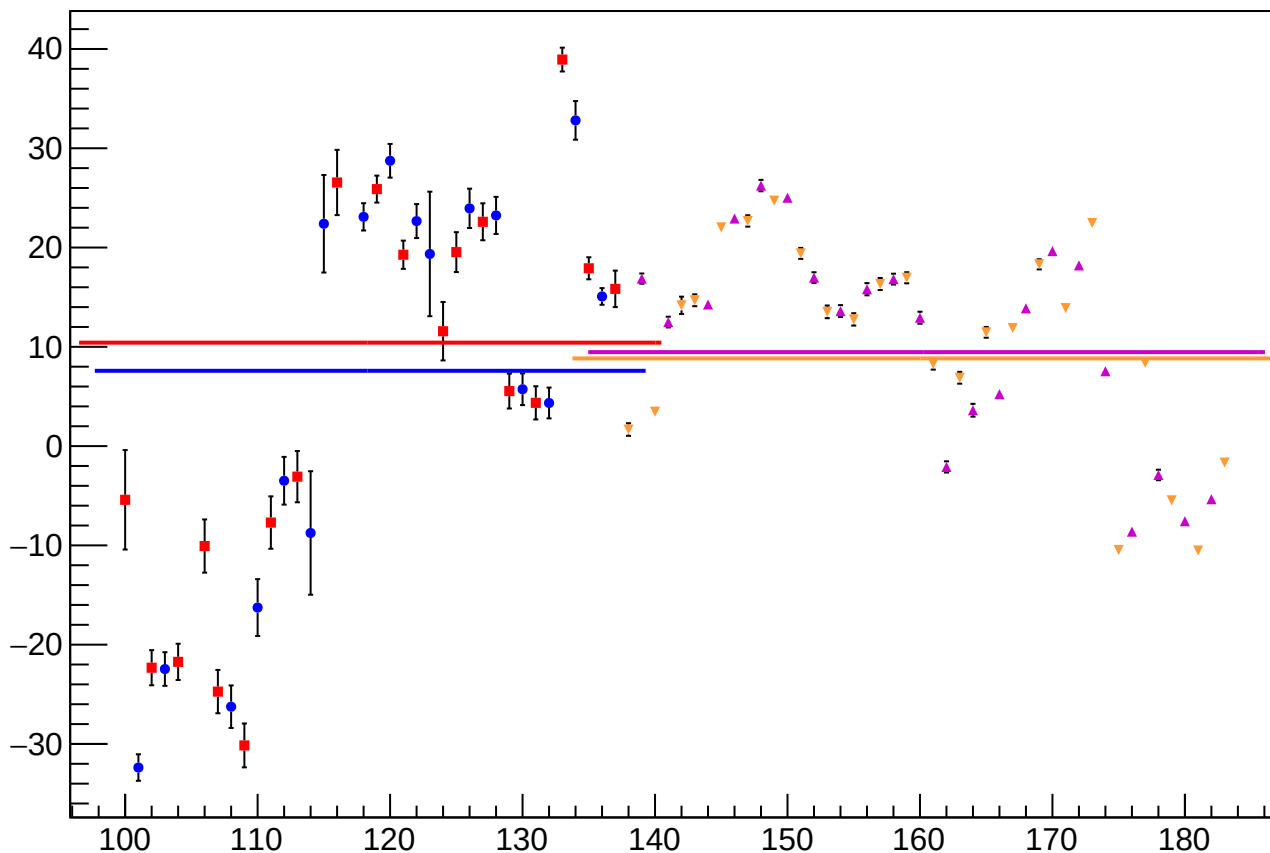
Right: 8.274 $\pm$ 0.151 χ^2 /NDF: 12086.1/35

In: 4.103 $\pm$ 0.076 χ^2 /NDF: 14126.5/38

Out: 4.271 $\pm$ 0.074 χ^2 /NDF: 16374.7/42

All: 4.189 $\pm$ 0.053 χ^2 /NDF: 30503.7/81

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 $\pm$ 0.416 χ^2 /NDF: 2322.7/16

Left Out: 8.834 $\pm$ 0.102 χ^2 /NDF:12790.4/23

Right Out: 10.422 $\pm$ 0.416 χ^2 /NDF: 2289.5/18

Left In: 9.467 $\pm$ 0.103 χ^2 /NDF:12068.5/21

Left: 9.146 $\pm$ 0.072 χ^2 /NDF: 24877.9/45

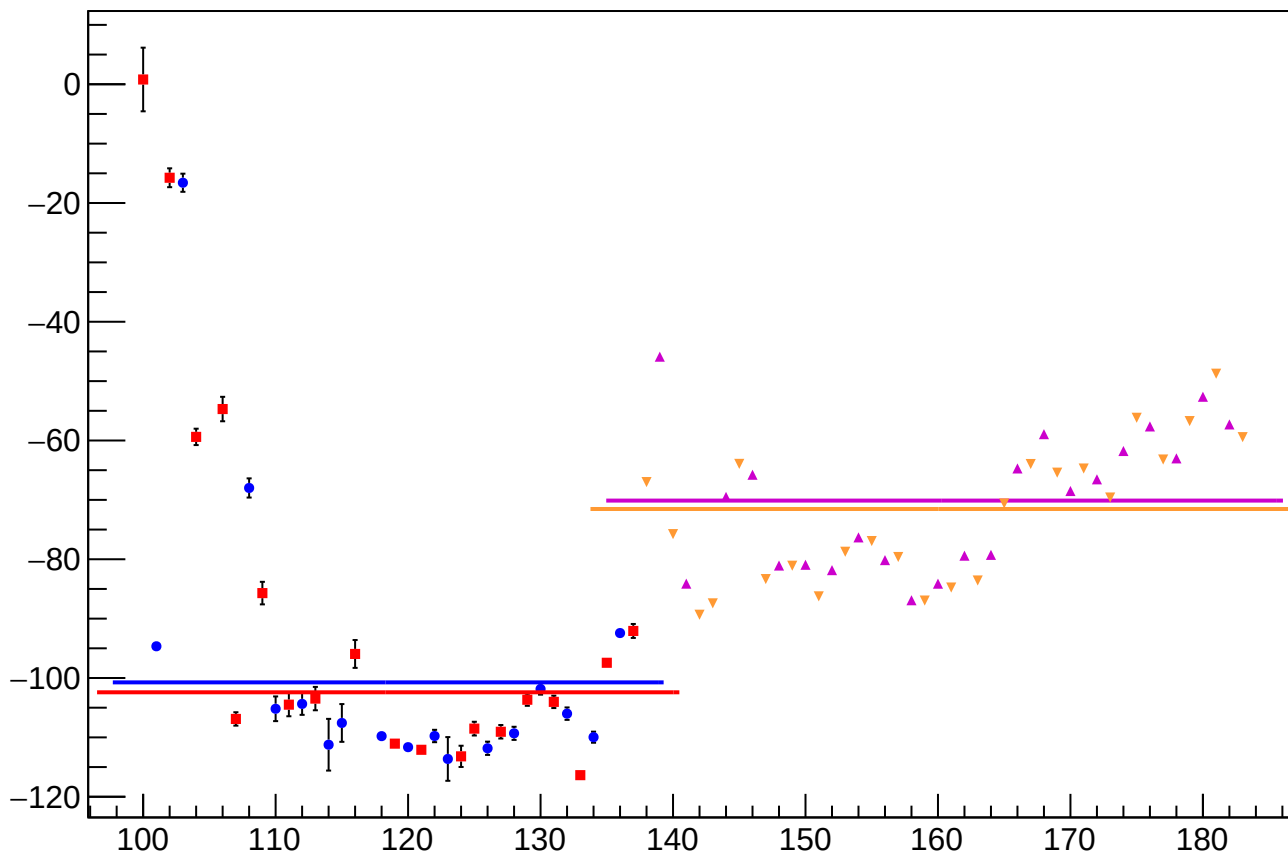
Right: 9.004 $\pm$ 0.294 χ^2 /NDF: 4635.5/35

In: 9.358 $\pm$ 0.100 χ^2 /NDF:14410.5/38

Out: 8.924 $\pm$ 0.099 χ^2 /NDF:15093.6/42

All: 9.138 $\pm$ 0.070 χ^2 /NDF: 29513.6/81

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 χ^2/NDF : 4520.6/16

Left Out: -71.535 ± 0.090 χ^2/NDF : 16377.3/23

Right Out: -102.408 ± 0.246 χ^2/NDF : 6088.0/18

Left In: -70.119 ± 0.092 χ^2/NDF : 13084.2/21

Left: -70.843 ± 0.064 χ^2/NDF : 29582.2/45

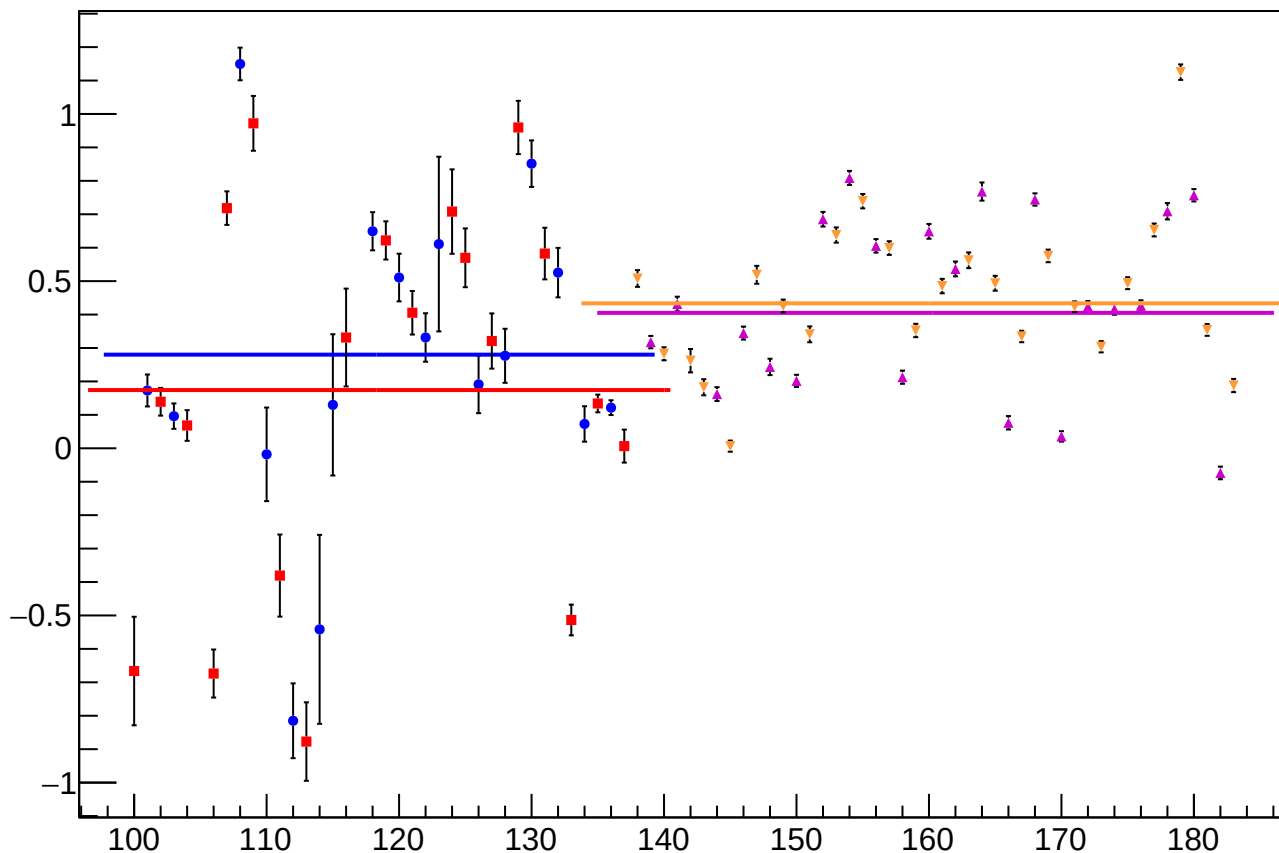
Right: -101.580 ± 0.175 χ^2/NDF : 10631.4/35

In: -73.826 ± 0.086 χ^2/NDF : 30967.3/38

Out: -75.187 ± 0.085 χ^2/NDF : 36368.5/42

All: -74.522 ± 0.060 χ^2/NDF : 67462.5/81

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 ± 0.013 χ^2/NDF : 656.4/16

Left Out: 0.434 ± 0.004 χ^2/NDF : 2645.5/23

Right Out: 0.174 ± 0.013 χ^2/NDF : 964.1/18

Left In: 0.405 ± 0.004 χ^2/NDF : 3721.1/21

Left: 0.419 ± 0.003 χ^2/NDF : 6389.9/45

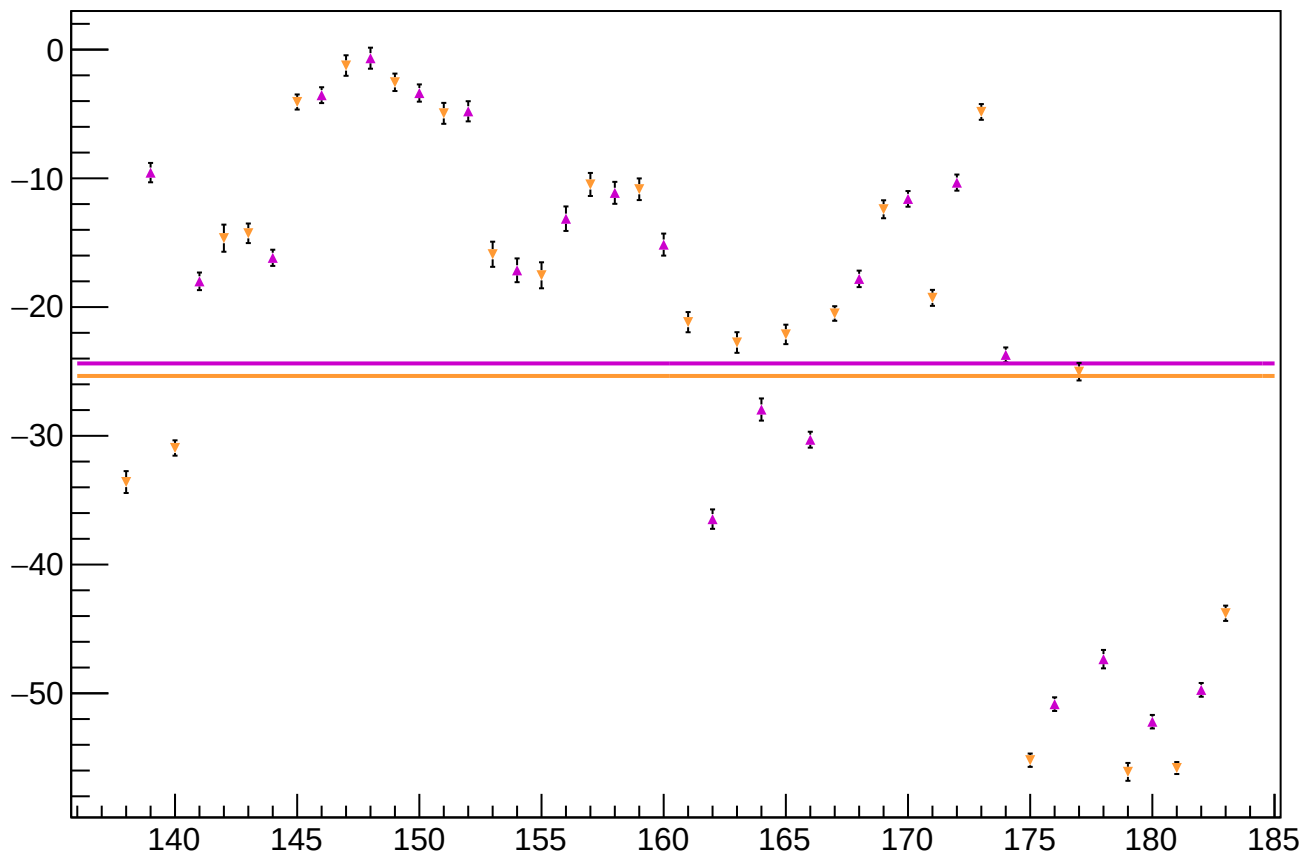
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.394 ± 0.004 χ^2/NDF : 4456.0/38

Out: 0.411 ± 0.004 χ^2/NDF : 3949.8/42

All: 0.403 ± 0.003 χ^2/NDF : 8414.8/81

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: -25.350+/-0.141 χ^2/NDF :17453.2/23

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

Left In: -24.377+/-0.144 χ^2/NDF :14795.2/21

Left: -24.873+/-0.100 χ^2/NDF : 32271.8/45

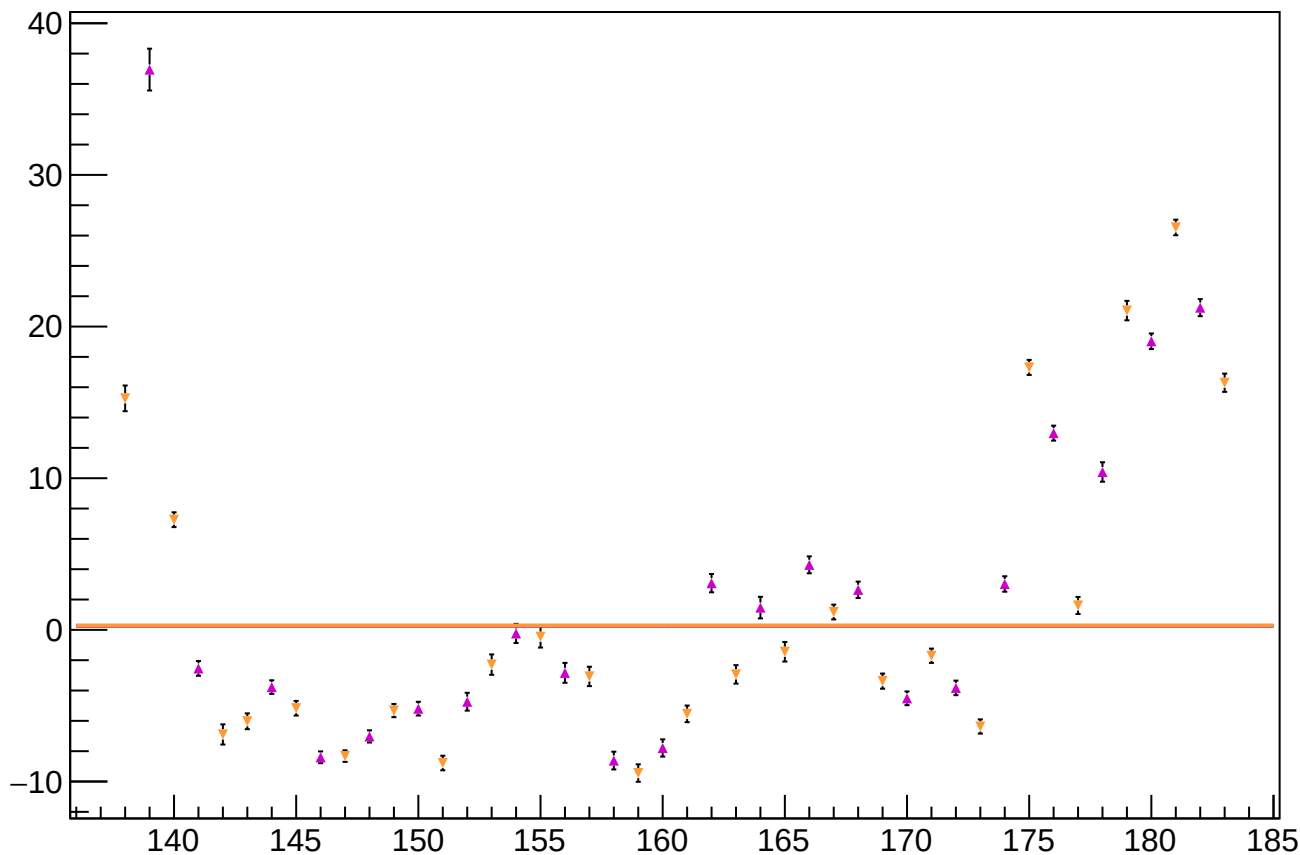
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.377+/-0.144 χ^2/NDF :14795.2/21

Out: -25.350+/-0.141 χ^2/NDF :17453.2/23

All: -24.873+/-0.100 χ^2/NDF : 32271.8/45

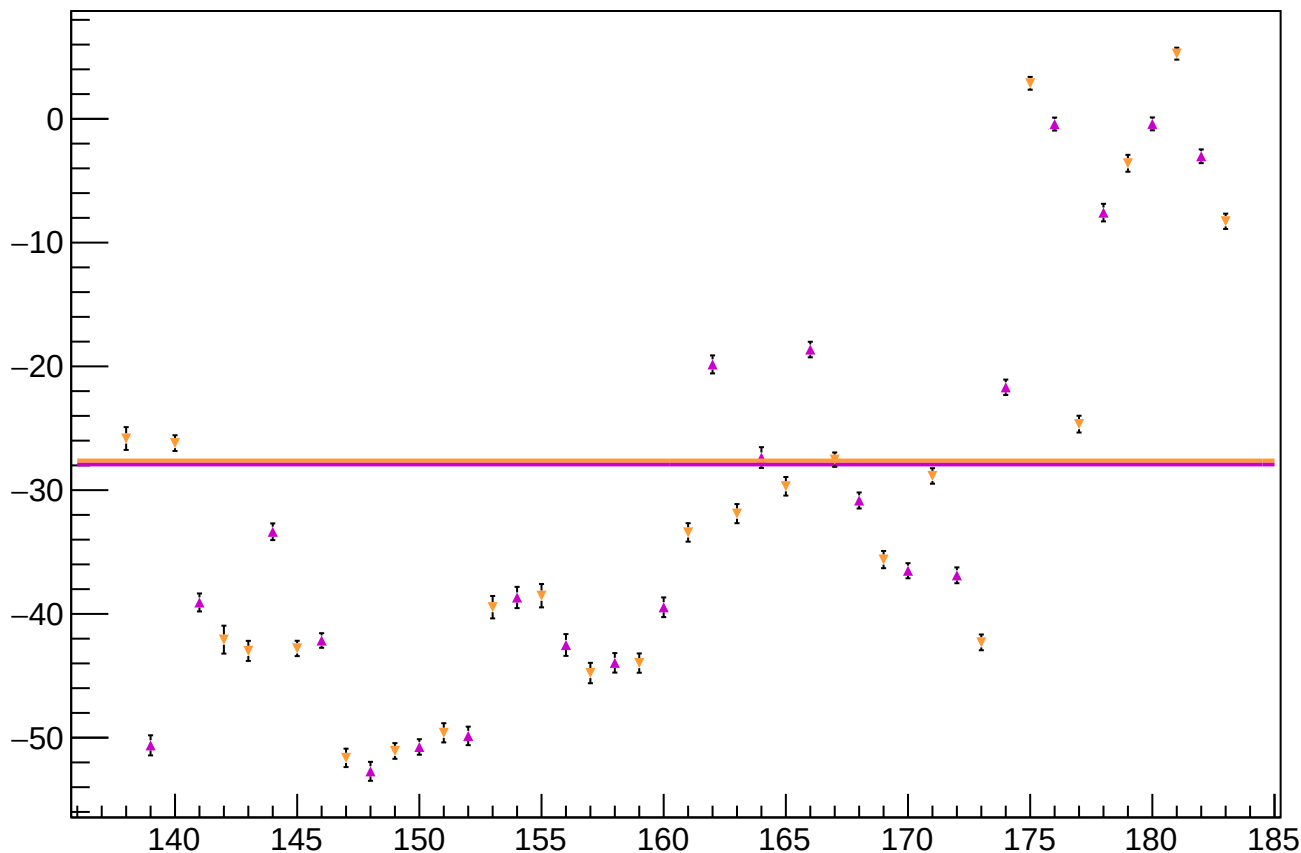
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.286 $\pm$ 0.109 χ^2 /NDF:8233.3/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.257 $\pm$ 0.113 χ^2 /NDF:6257.8/21

Left: 0.272 $\pm$ 0.078 χ^2 /NDF: 14491.1/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.257 $\pm$ 0.113 χ^2 /NDF:6257.8/21
 Out: 0.286 $\pm$ 0.109 χ^2 /NDF:8233.3/23
 All: 0.272 $\pm$ 0.078 χ^2 /NDF: 14491.1/45

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -27.609 $\pm$ 0.141 χ^2 /NDF:16616.3/23

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

Left In: -27.922 $\pm$ 0.143 χ^2 /NDF:15153.4/21

Left: -27.763 $\pm$ 0.100 χ^2 /NDF: 31772.1/45

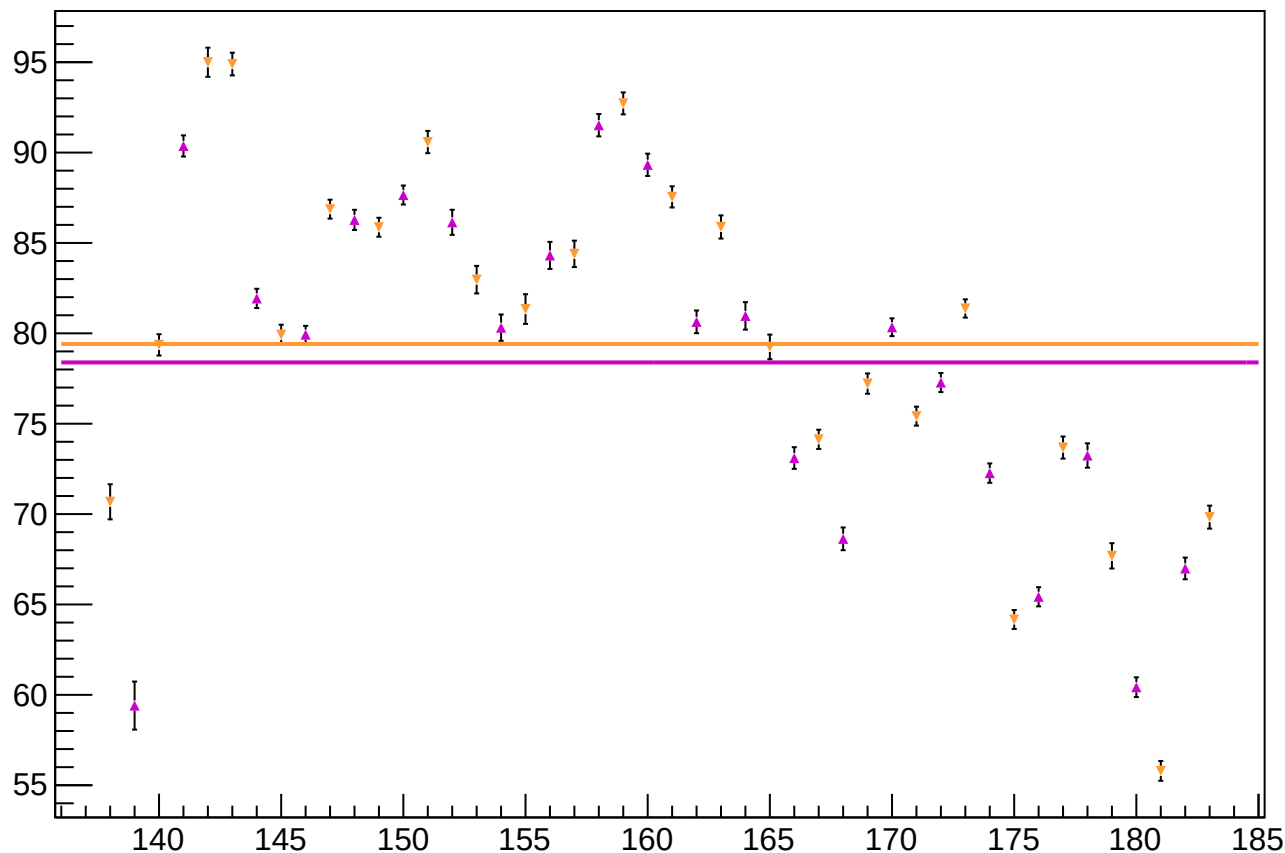
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -27.922 $\pm$ 0.143 χ^2 /NDF:15153.4/21

Out: -27.609 $\pm$ 0.141 χ^2 /NDF:16616.3/23

All: -27.763 $\pm$ 0.100 χ^2 /NDF: 31772.1/45

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: 79.411+/-0.124 χ^2/NDF :6074.4/23

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

Left In: 78.390+/-0.127 χ^2/NDF :4733.3/21

Left: 78.913+/-0.089 χ^2/NDF : 10840.6/45

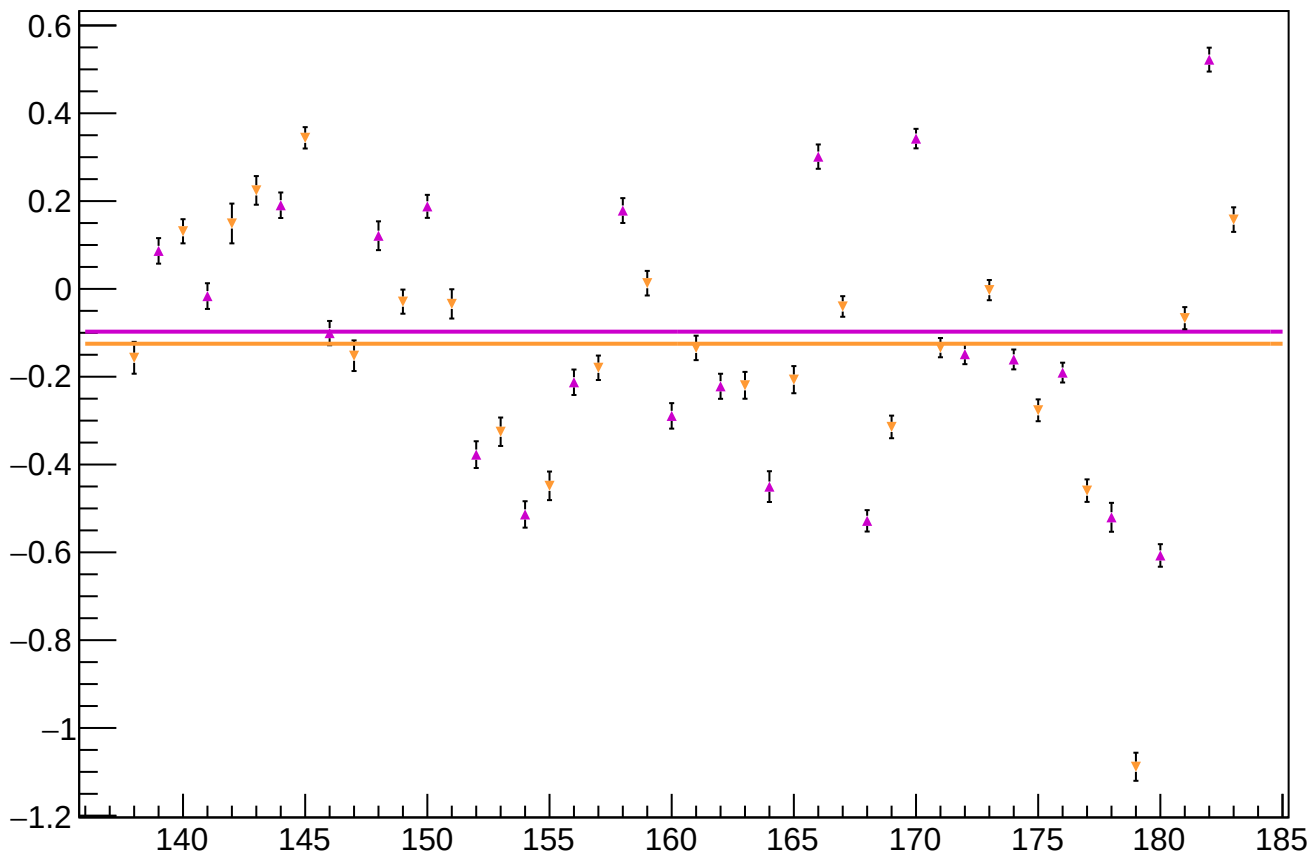
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 78.390+/-0.127 χ^2/NDF :4733.3/21

Out: 79.411+/-0.124 χ^2/NDF :6074.4/23

All: 78.913+/-0.089 χ^2/NDF : 10840.6/45

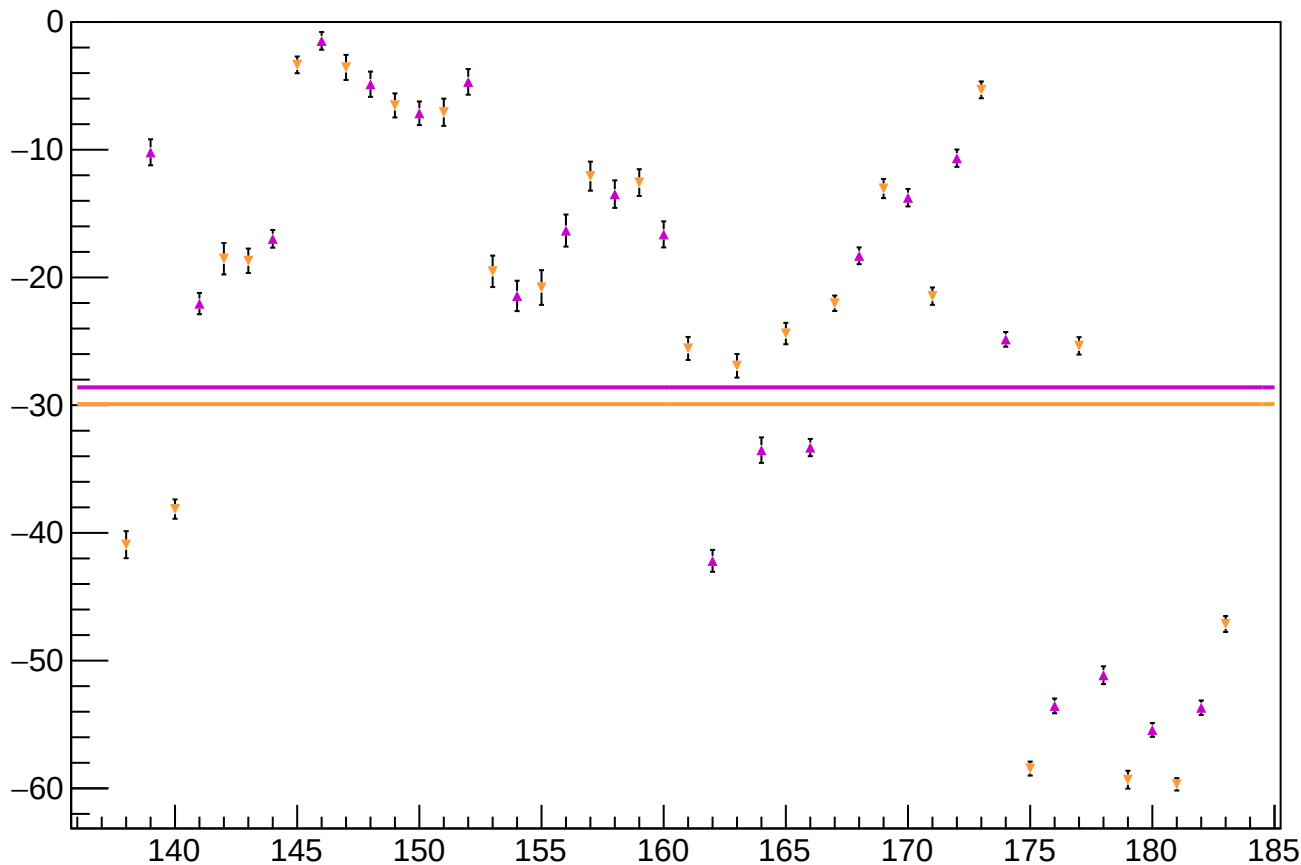
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.125+/-0.006 χ^2/NDF : 2130.1/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.097+/-0.006 χ^2/NDF : 2876.9/21

Left: -0.111+/-0.004 χ^2/NDF : 5018.3/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.097+/-0.006 χ^2/NDF : 2876.9/21
 Out: -0.125+/-0.006 χ^2/NDF : 2130.1/23
 All: -0.111+/-0.004 χ^2/NDF : 5018.3/45

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: -29.918+/-0.158 χ^2/NDF :15903.6/23

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

Left In: -28.604+/-0.161 χ^2/NDF :13444.8/21

Left: -29.271+/-0.113 χ^2/NDF : 29382.2/45

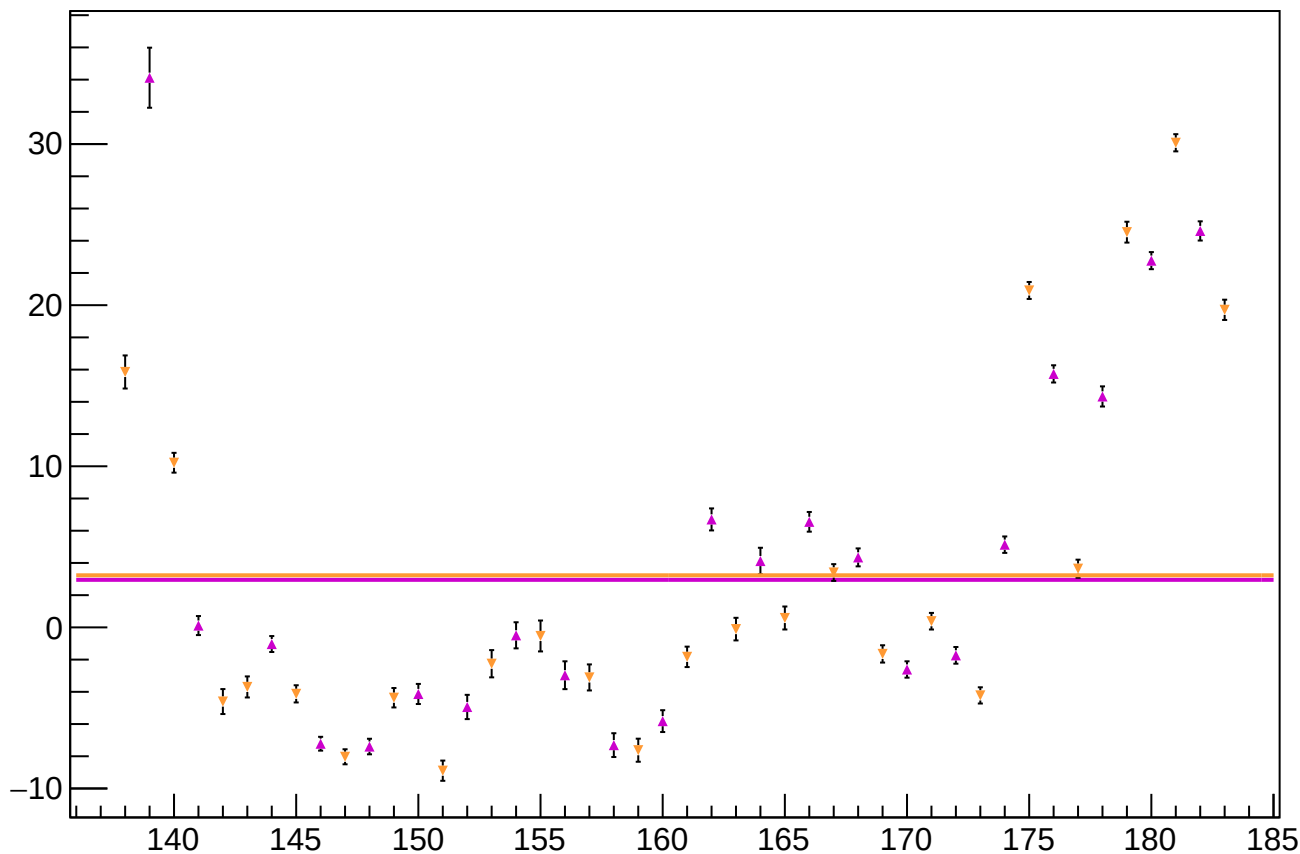
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.604+/-0.161 χ^2/NDF :13444.8/21

Out: -29.918+/-0.158 χ^2/NDF :15903.6/23

All: -29.271+/-0.113 χ^2/NDF : 29382.2/45

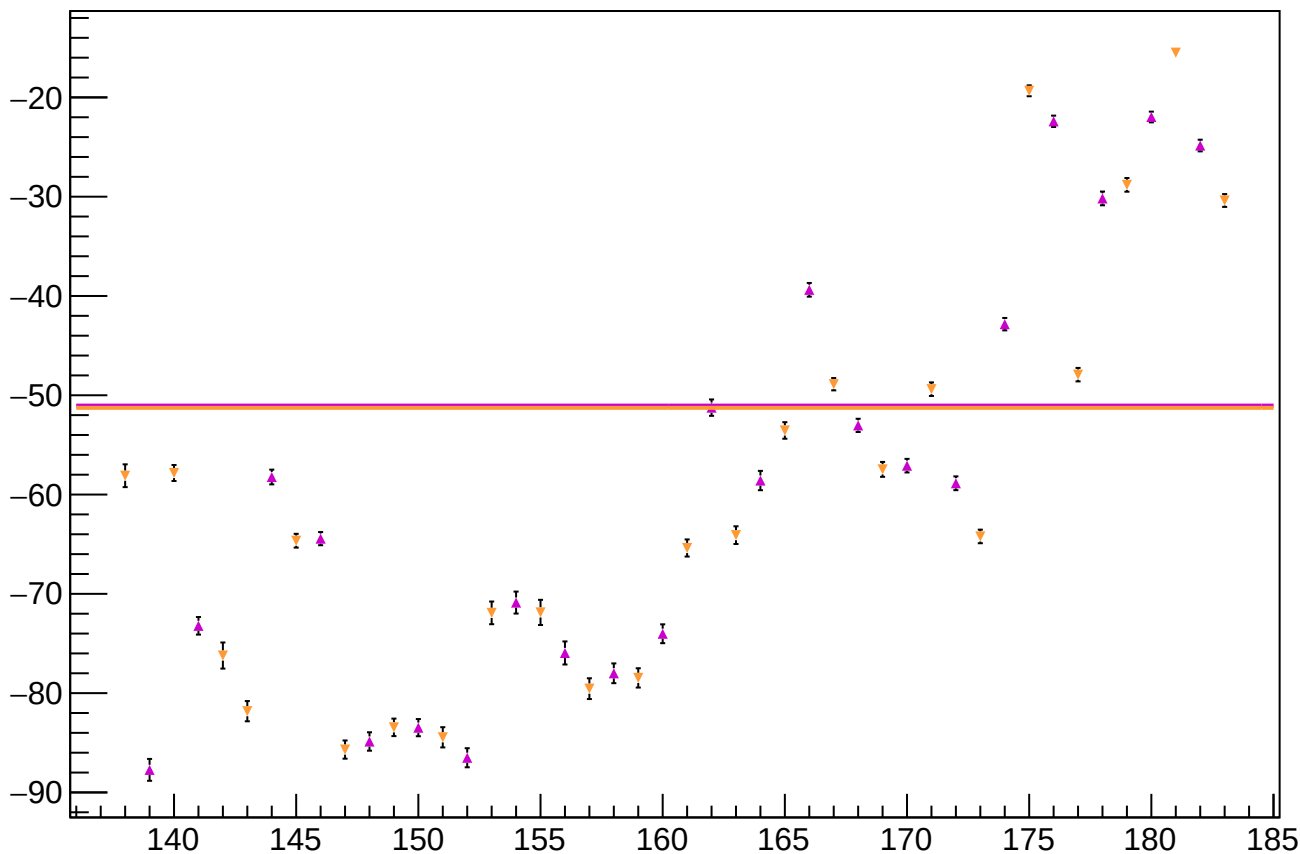
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.234+/-0.125 χ^2/NDF :8010.9/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.951+/-0.127 χ^2/NDF :5962.8/21

Left: 3.095+/-0.089 χ^2/NDF : 13976.3/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.951+/-0.127 χ^2/NDF :5962.8/21
 Out: 3.234+/-0.125 χ^2/NDF :8010.9/23
 All: 3.095+/-0.089 χ^2/NDF : 13976.3/45

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -51.265 $\pm$ 0.159 χ^2 /NDF:19130.7/23

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

Left In: -51.043 $\pm$ 0.161 χ^2 /NDF:17457.8/21

Left: -51.155 $\pm$ 0.113 χ^2 /NDF: 36589.5/45

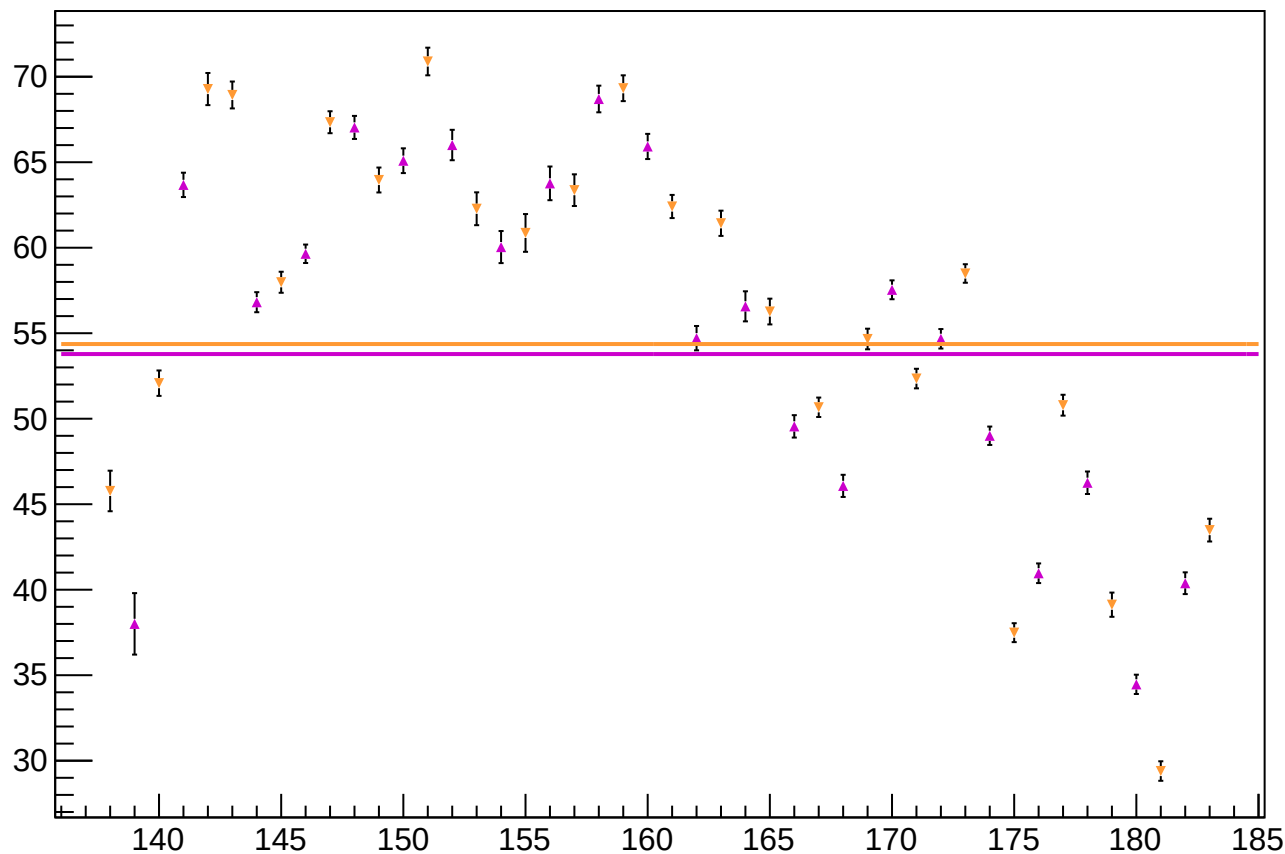
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -51.043 $\pm$ 0.161 χ^2 /NDF:17457.8/21

Out: -51.265 $\pm$ 0.159 χ^2 /NDF:19130.7/23

All: -51.155 $\pm$ 0.113 χ^2 /NDF: 36589.5/45

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: 54.367+/-0.142 χ^2/NDF : 6240.3/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 53.781+/-0.144 χ^2/NDF : 4585.7/21

Left: 54.078+/-0.101 χ^2/NDF : 10834.4/45

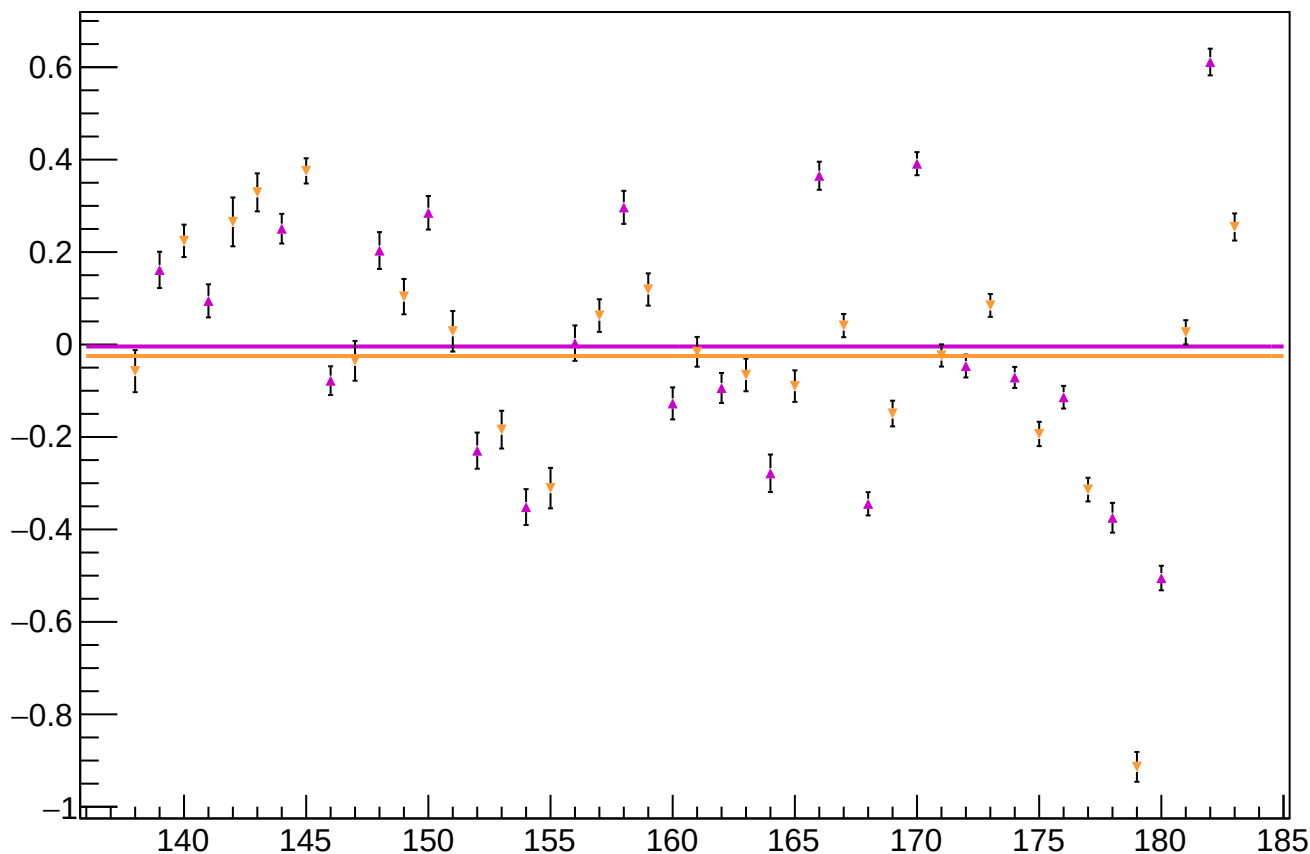
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 53.781+/-0.144 χ^2/NDF : 4585.7/21

Out: 54.367+/-0.142 χ^2/NDF : 6240.3/23

All: 54.078+/-0.101 χ^2/NDF : 10834.4/45

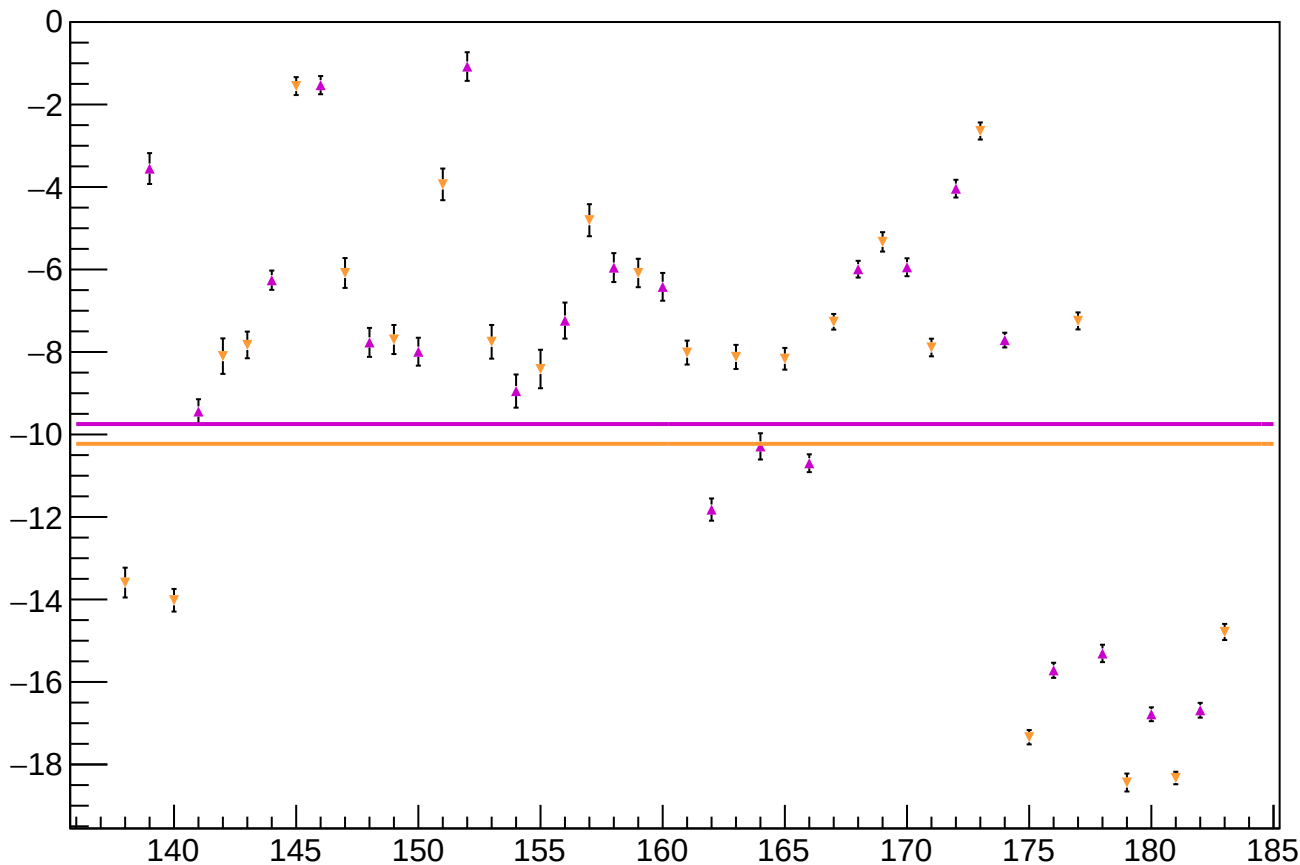
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.025 $\pm$ 0.007 χ^2 /NDF:1539.0/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.004 $\pm$ 0.007 χ^2 /NDF:1990.9/21

Left: -0.015 $\pm$ 0.005 χ^2 /NDF: 3534.9/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.004 $\pm$ 0.007 χ^2 /NDF:1990.9/21
 Out: -0.025 $\pm$ 0.007 χ^2 /NDF:1539.0/23
 All: -0.015 $\pm$ 0.005 χ^2 /NDF: 3534.9/45

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -10.227 $\pm$ 0.051 χ^2 /NDF:11800.0/23

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

Left In: -9.747 $\pm$ 0.052 χ^2 /NDF:9384.5/21

Left: -9.990 $\pm$ 0.036 χ^2 /NDF: 21227.9/45

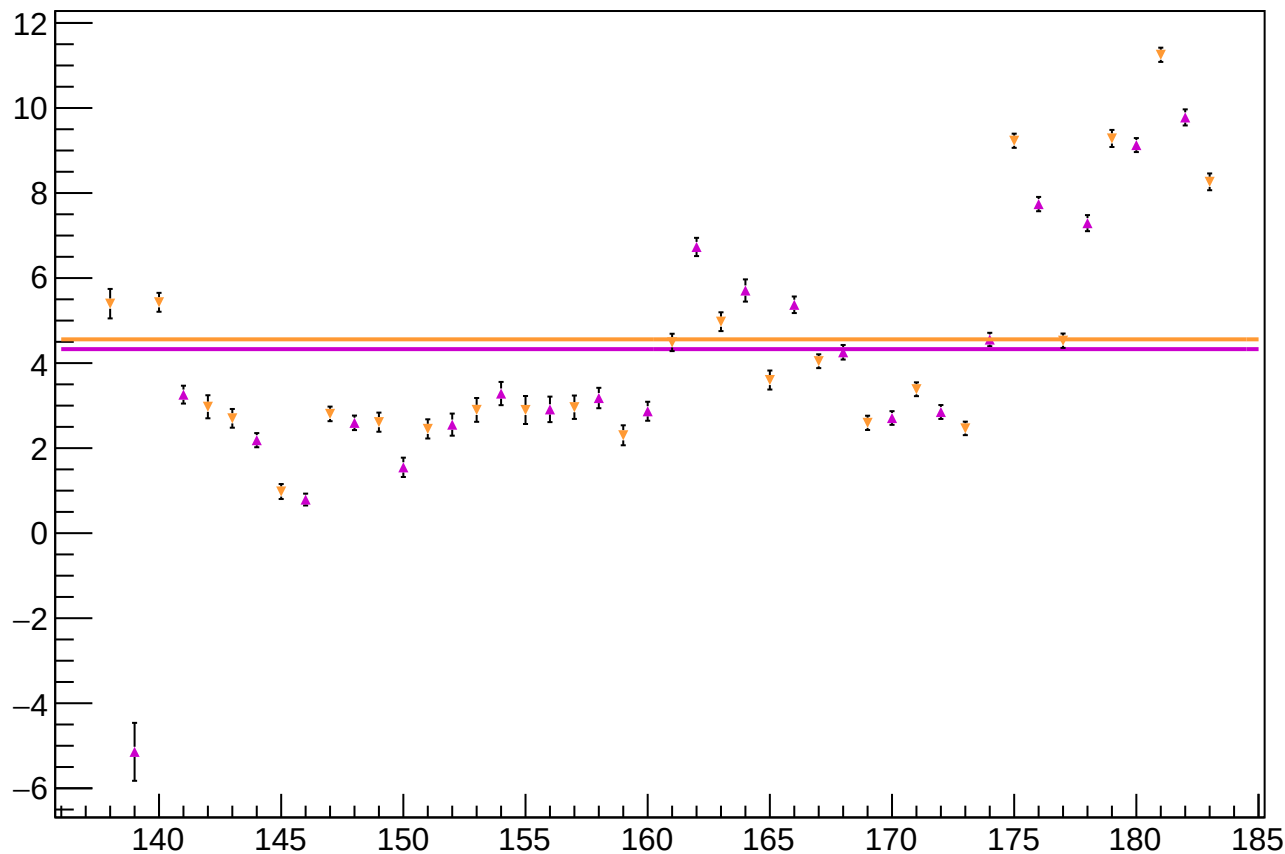
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -9.747 $\pm$ 0.052 χ^2 /NDF:9384.5/21

Out: -10.227 $\pm$ 0.051 χ^2 /NDF:11800.0/23

All: -9.990 $\pm$ 0.036 χ^2 /NDF: 21227.9/45

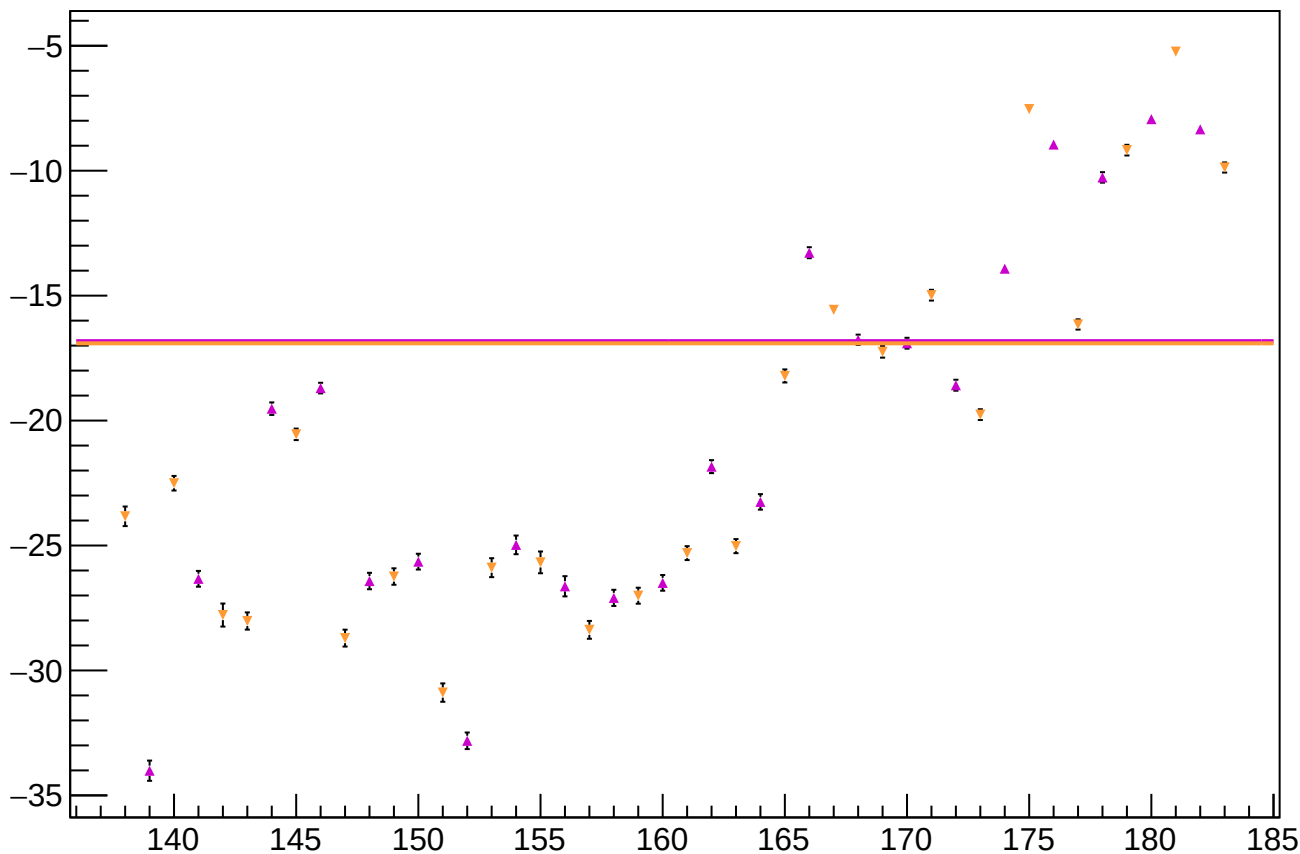
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.559 $\pm$ 0.041 χ^2 /NDF:4673.0/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.328 $\pm$ 0.041 χ^2 /NDF:4132.7/21

Left: 4.445 $\pm$ 0.029 χ^2 /NDF: 8821.4/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.328 $\pm$ 0.041 χ^2 /NDF:4132.7/21
 Out: 4.559 $\pm$ 0.041 χ^2 /NDF:4673.0/23
 All: 4.445 $\pm$ 0.029 χ^2 /NDF: 8821.4/45

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: -16.909+/-0.052 χ^2/NDF :21934.3/23

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

Left In: -16.821+/-0.052 χ^2/NDF :18981.7/21

Left: -16.865+/-0.037 χ^2/NDF : 40917.4/45

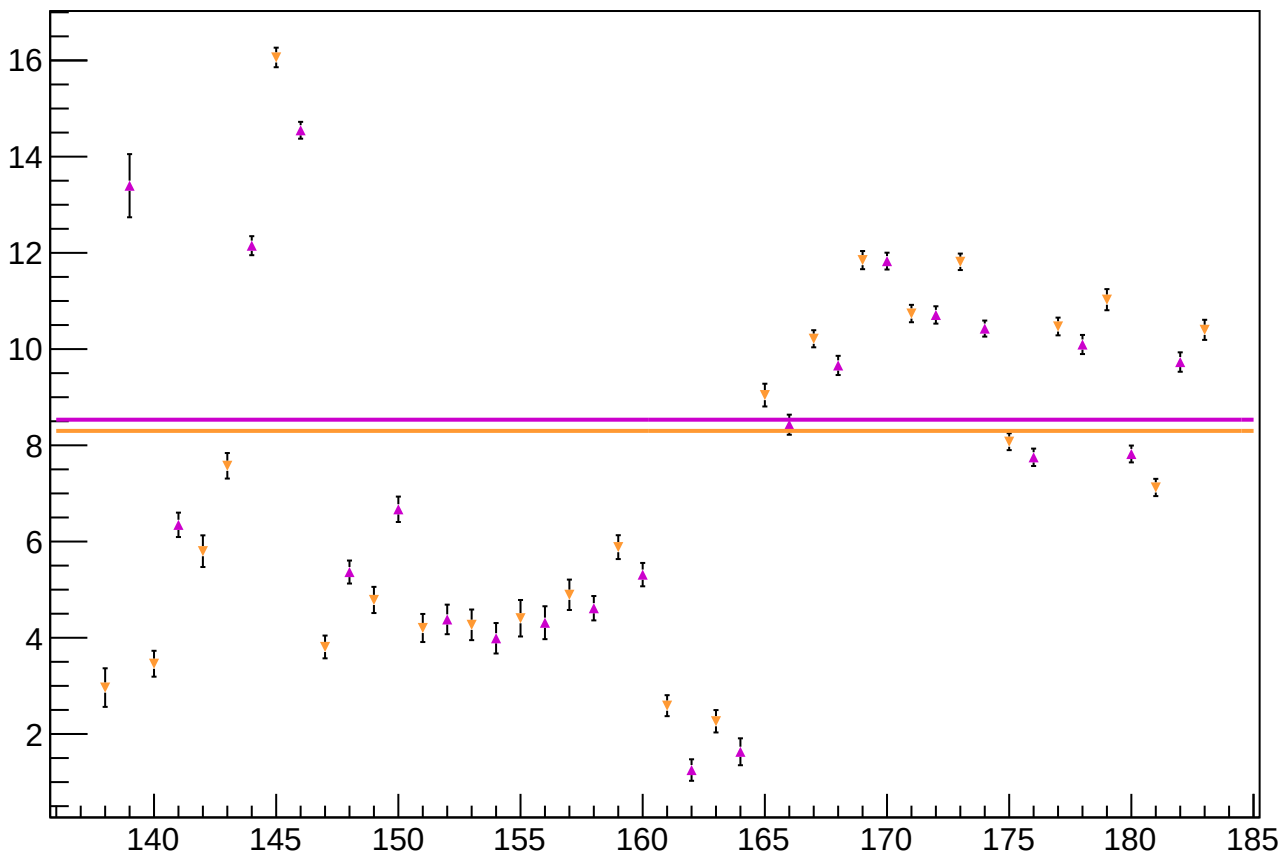
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -16.821+/-0.052 χ^2/NDF :18981.7/21

Out: -16.909+/-0.052 χ^2/NDF :21934.3/23

All: -16.865+/-0.037 χ^2/NDF : 40917.4/45

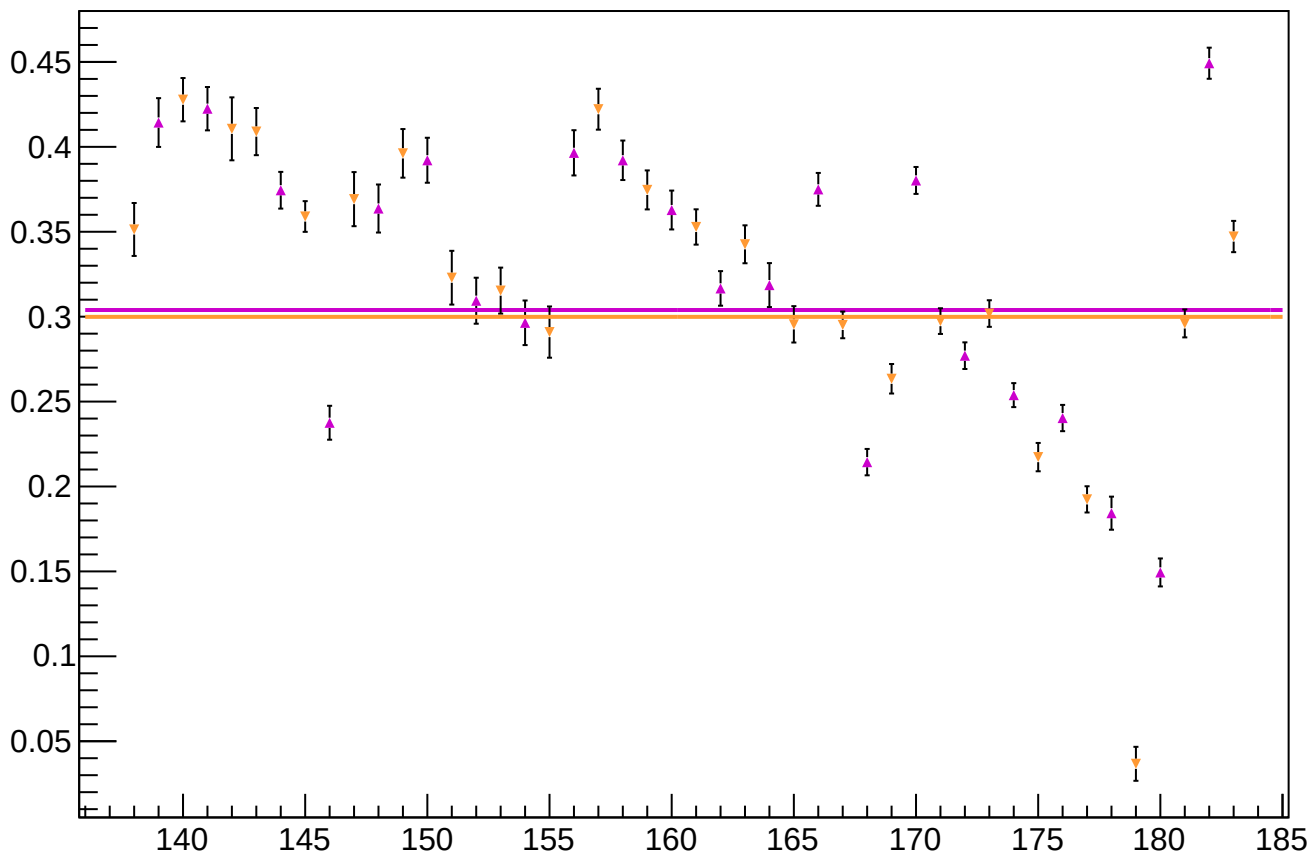
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.300+/-0.046 χ^2/NDF : 6107.2/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.532+/-0.046 χ^2/NDF : 5292.3/21

Left: 8.415+/-0.033 χ^2/NDF : 11412.2/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.532+/-0.046 χ^2/NDF : 5292.3/21
 Out: 8.300+/-0.046 χ^2/NDF : 6107.2/23
 All: 8.415+/-0.033 χ^2/NDF : 11412.2/45

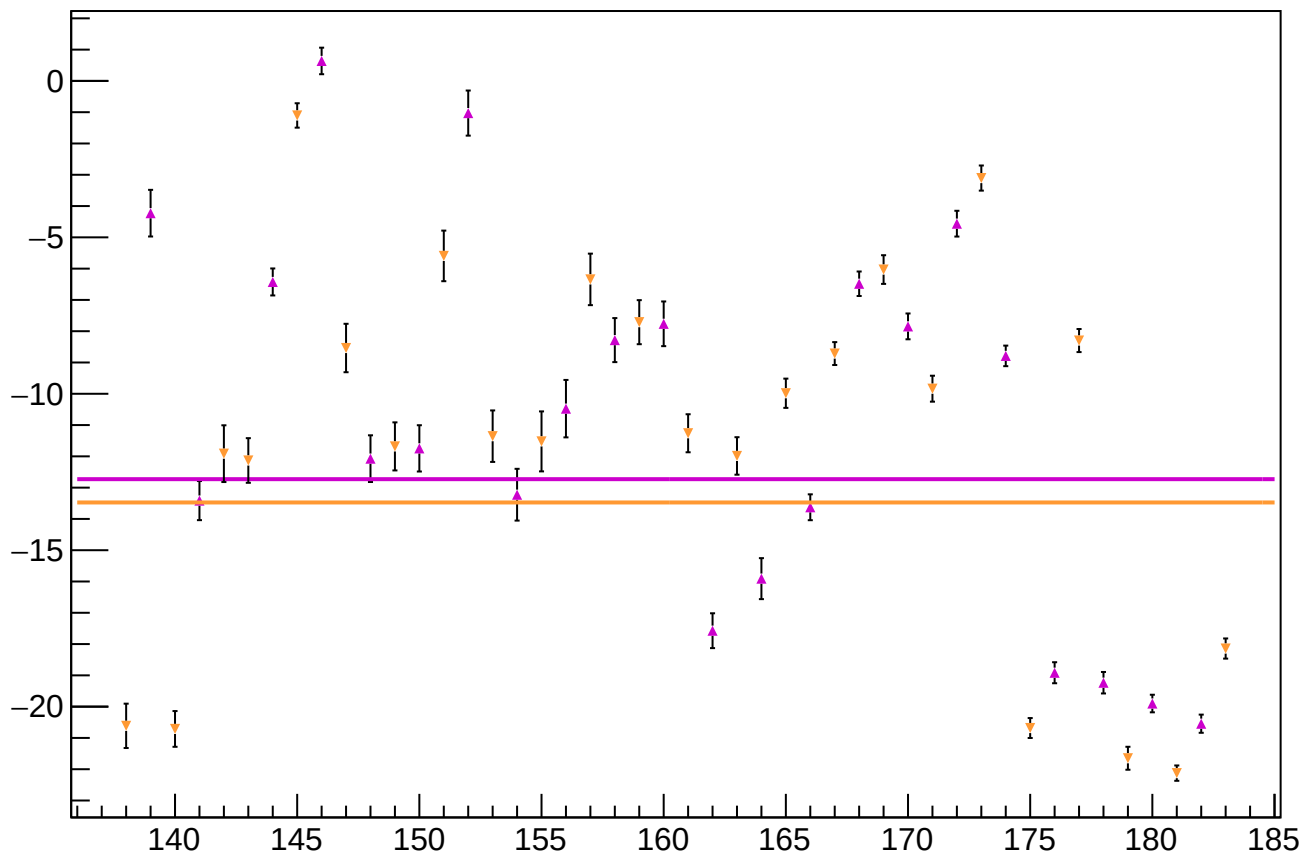
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 0.300 $\pm$ 0.002 χ^2/NDF :1534.5/23
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 0.304 $\pm$ 0.002 χ^2/NDF :1593.6/21

Left: 0.302 $\pm$ 0.001 χ^2/NDF : 3129.9/45
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 0.304 $\pm$ 0.002 χ^2/NDF :1593.6/21
 Out: 0.300 $\pm$ 0.002 χ^2/NDF :1534.5/23
 All: 0.302 $\pm$ 0.001 χ^2/NDF : 3129.9/45

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: -13.474+/-0.095 χ^2/NDF :5482.0/23

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

Left In: -12.729+/-0.096 χ^2/NDF :4808.4/21

Left: -13.106+/-0.068 χ^2/NDF : 10320.8/45

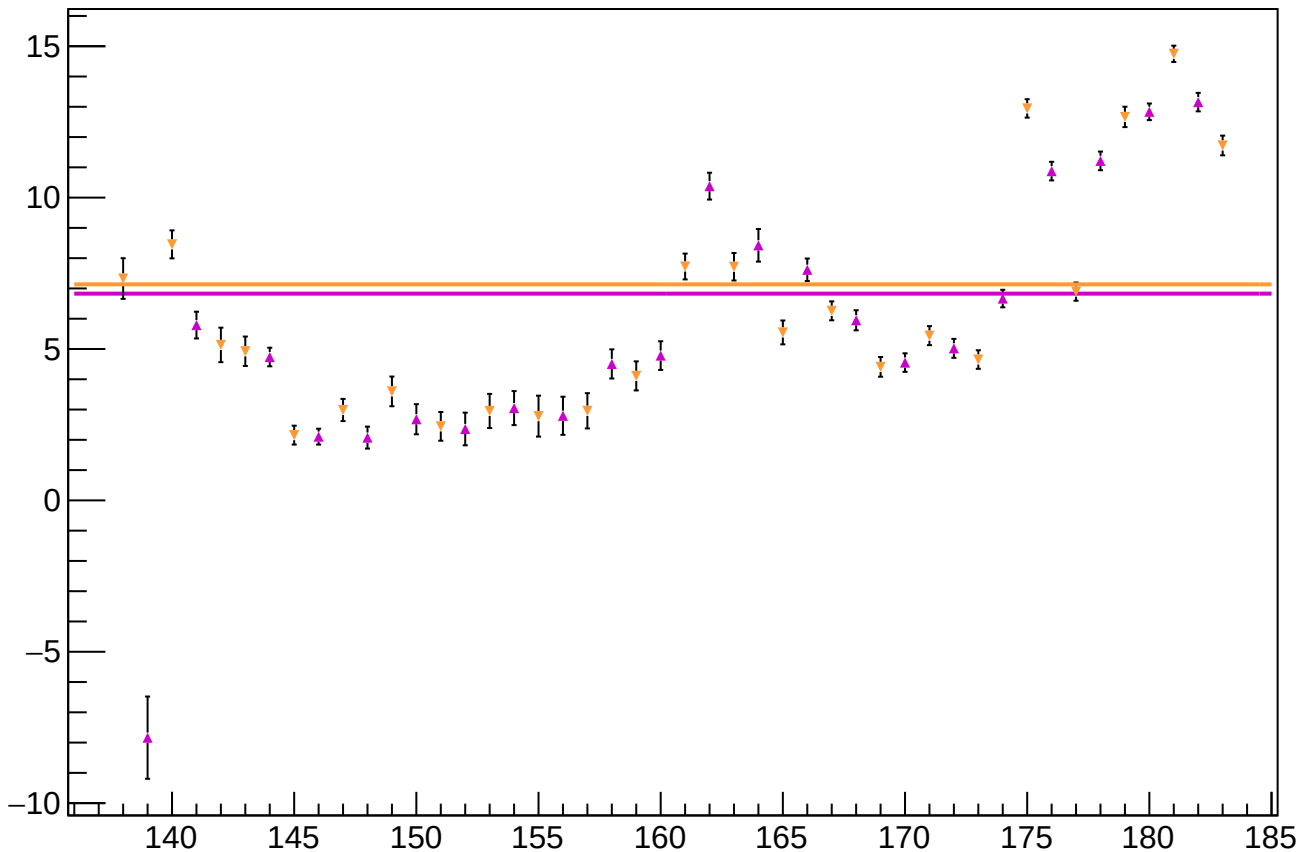
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.729+/-0.096 χ^2/NDF :4808.4/21

Out: -13.474+/-0.095 χ^2/NDF :5482.0/23

All: -13.106+/-0.068 χ^2/NDF : 10320.8/45

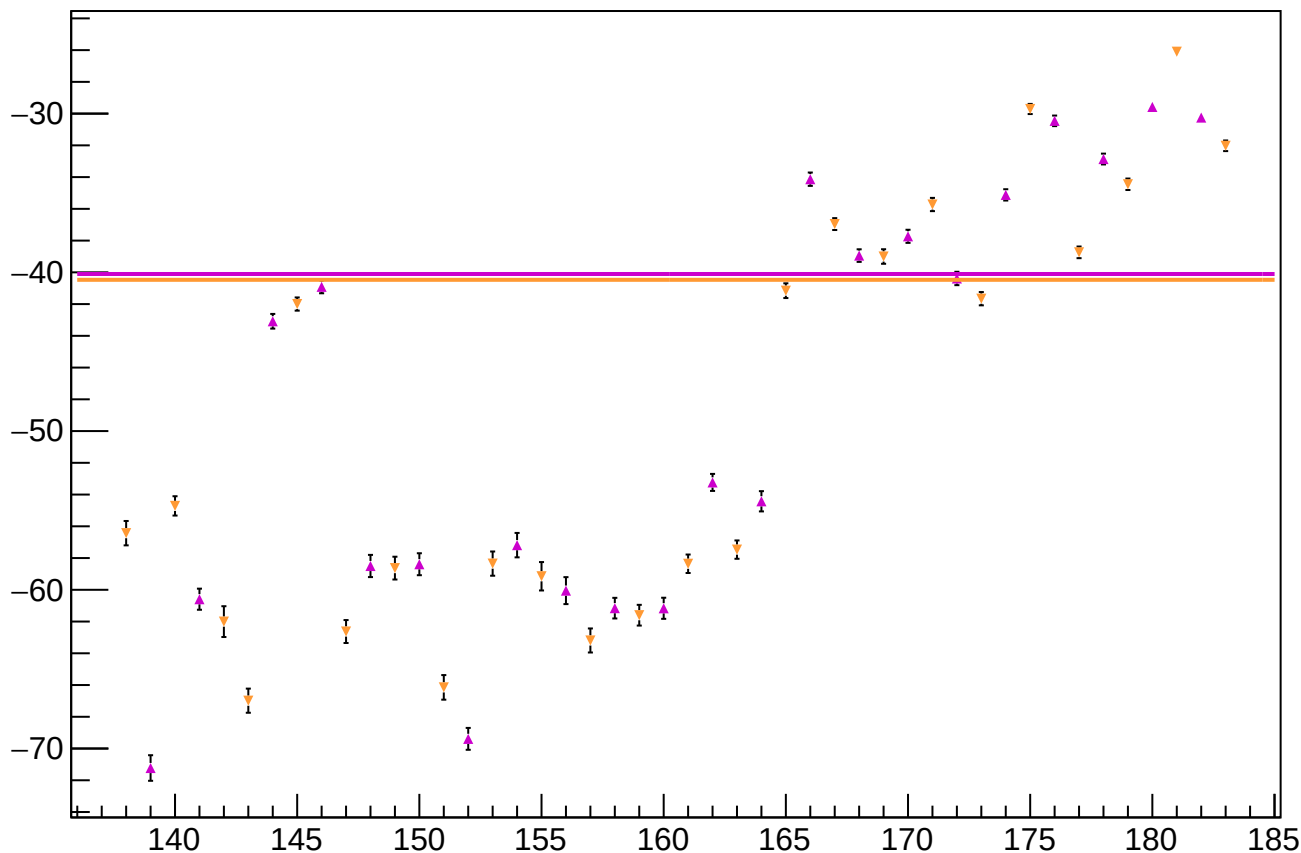
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 7.135 $\pm$ 0.078 χ^2 /NDF:2584.9/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 6.828 $\pm$ 0.078 χ^2 /NDF:2393.1/21

Left: 6.982 $\pm$ 0.055 χ^2 /NDF: 4985.8/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 6.828 $\pm$ 0.078 χ^2 /NDF:2393.1/21
 Out: 7.135 $\pm$ 0.078 χ^2 /NDF:2584.9/23
 All: 6.982 $\pm$ 0.055 χ^2 /NDF: 4985.8/45

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: -40.471+/-0.096 χ^2/NDF :15611.3/23

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

Left In: -40.104+/-0.097 χ^2/NDF :14102.8/21

Left: -40.289+/-0.068 χ^2/NDF : 29721.4/45

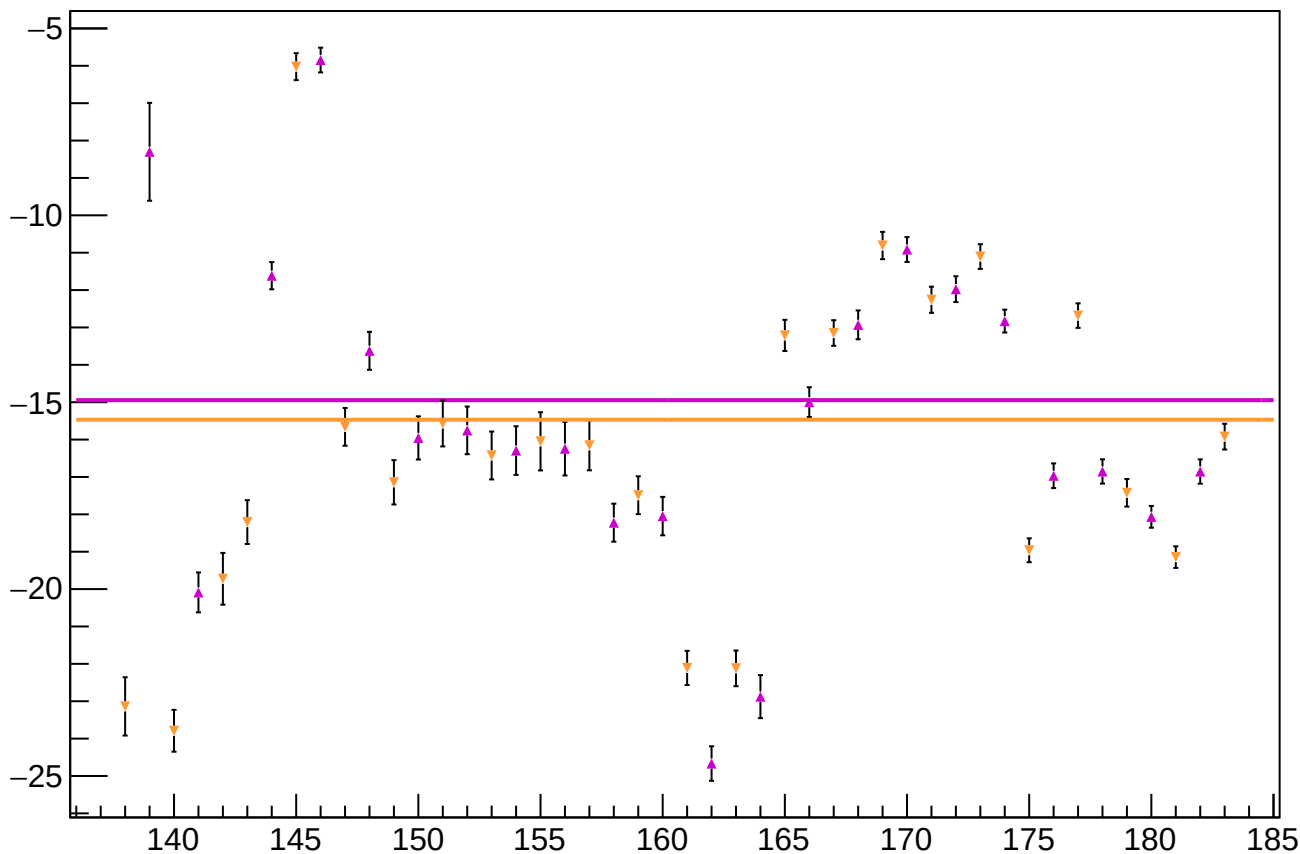
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.104+/-0.097 χ^2/NDF :14102.8/21

Out: -40.471+/-0.096 χ^2/NDF :15611.3/23

All: -40.289+/-0.068 χ^2/NDF : 29721.4/45

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: -15.469+/-0.087 χ^2/NDF : 2375.9/23

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

Left In: -14.944+/-0.087 χ^2/NDF : 2203.8/21

Left: -15.208+/-0.062 χ^2/NDF : 4597.8/45

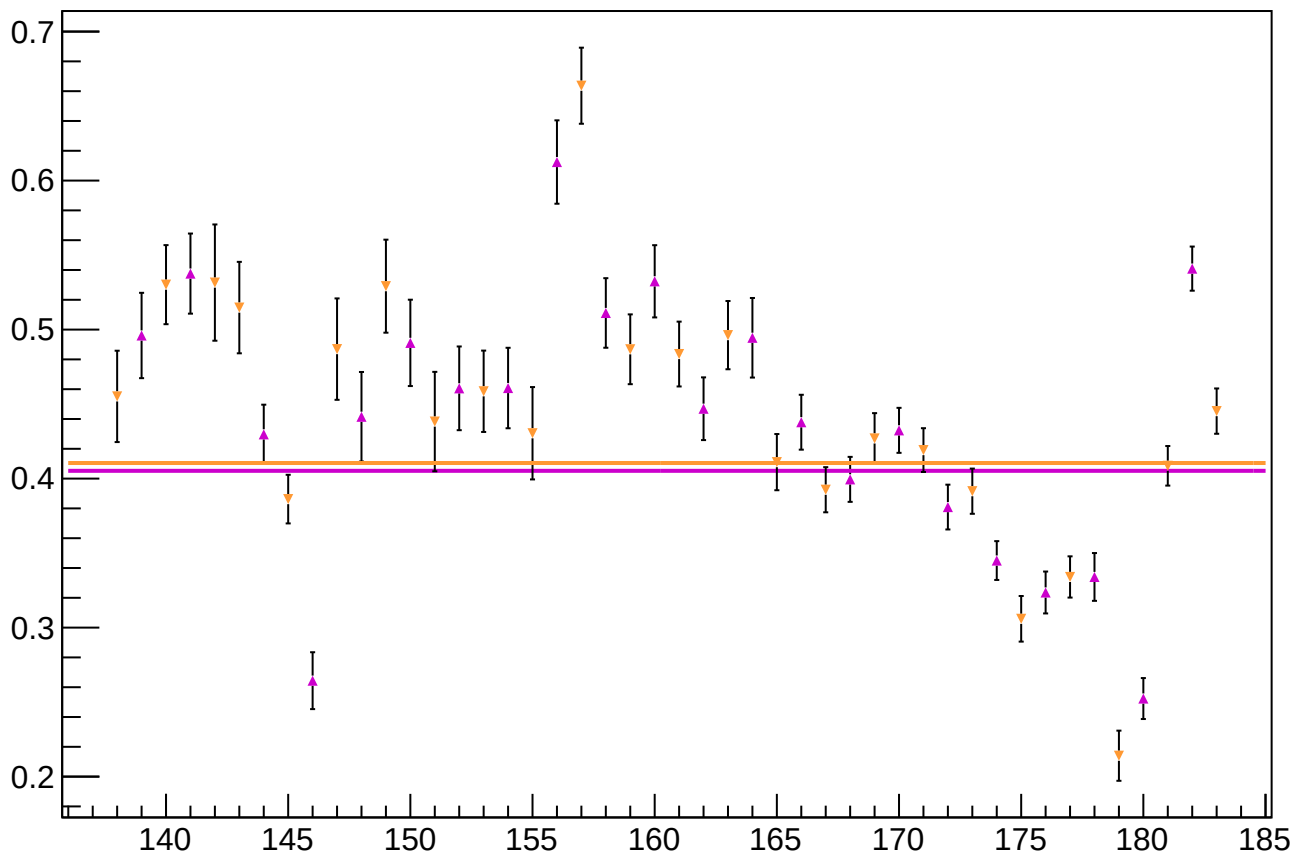
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.944+/-0.087 χ^2/NDF : 2203.8/21

Out: -15.469+/-0.087 χ^2/NDF : 2375.9/23

All: -15.208+/-0.062 χ^2/NDF : 4597.8/45

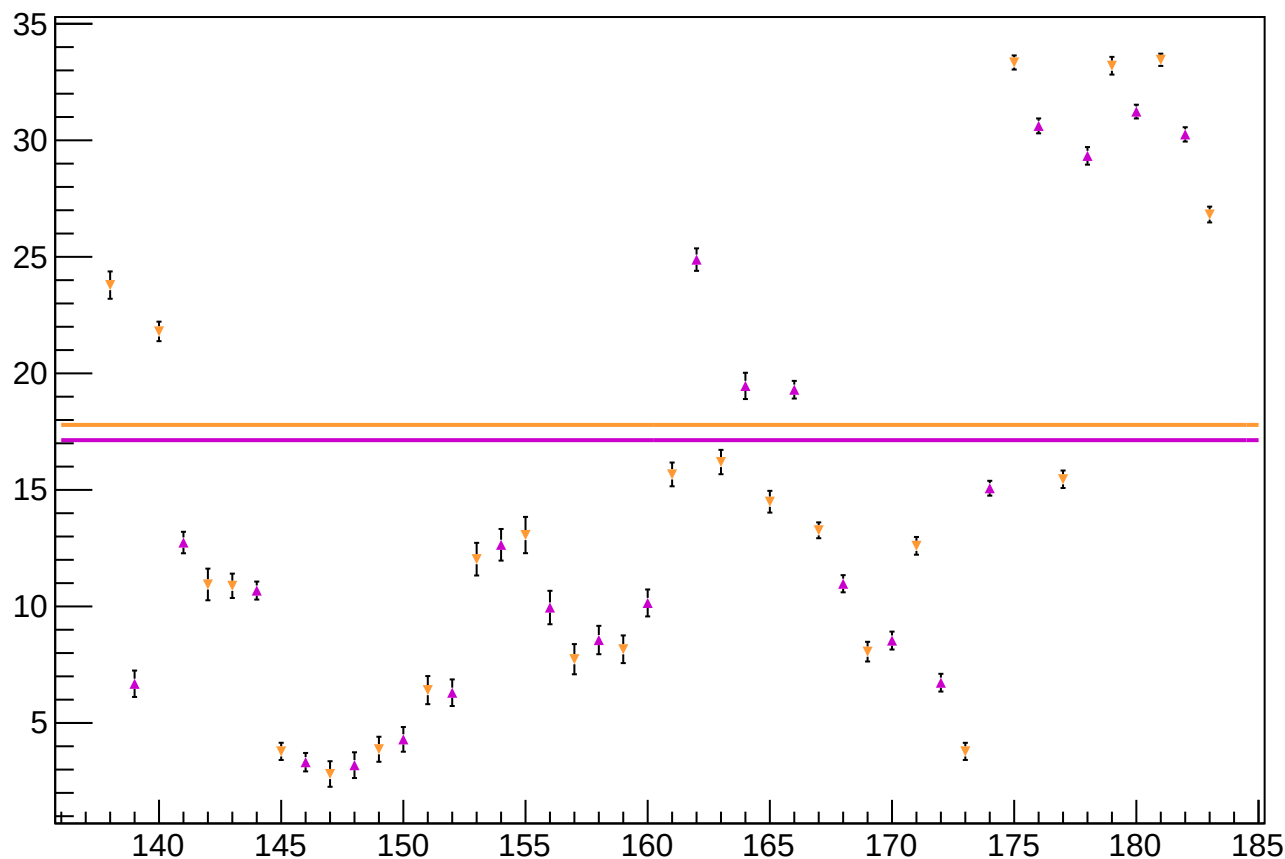
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.410 $\pm$ 0.004 χ^2 /NDF:426.9/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.405 $\pm$ 0.004 χ^2 /NDF:518.2/21

Left: 0.408 $\pm$ 0.003 χ^2 /NDF: 946.0/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.405 $\pm$ 0.004 χ^2 /NDF:518.2/21
 Out: 0.410 $\pm$ 0.004 χ^2 /NDF:426.9/23
 All: 0.408 $\pm$ 0.003 χ^2 /NDF: 946.0/45

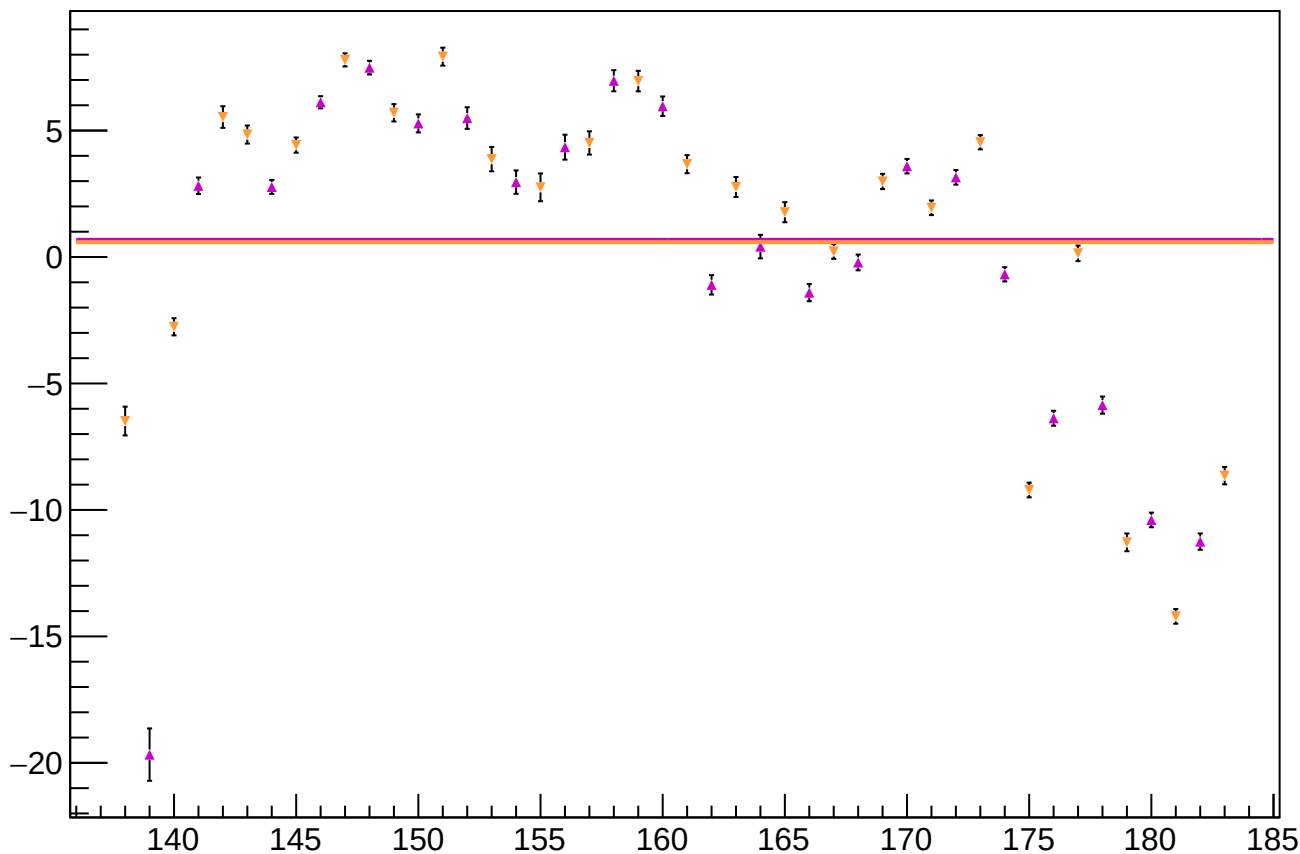
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 17.790+/-0.088 χ^2/NDF :15292.9/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 17.135+/-0.090 χ^2/NDF :12794.3/21

Left: 17.468+/-0.063 χ^2/NDF : 28114.5/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 17.135+/-0.090 χ^2/NDF :12794.3/21
 Out: 17.790+/-0.088 χ^2/NDF :15292.9/23
 All: 17.468+/-0.063 χ^2/NDF : 28114.5/45

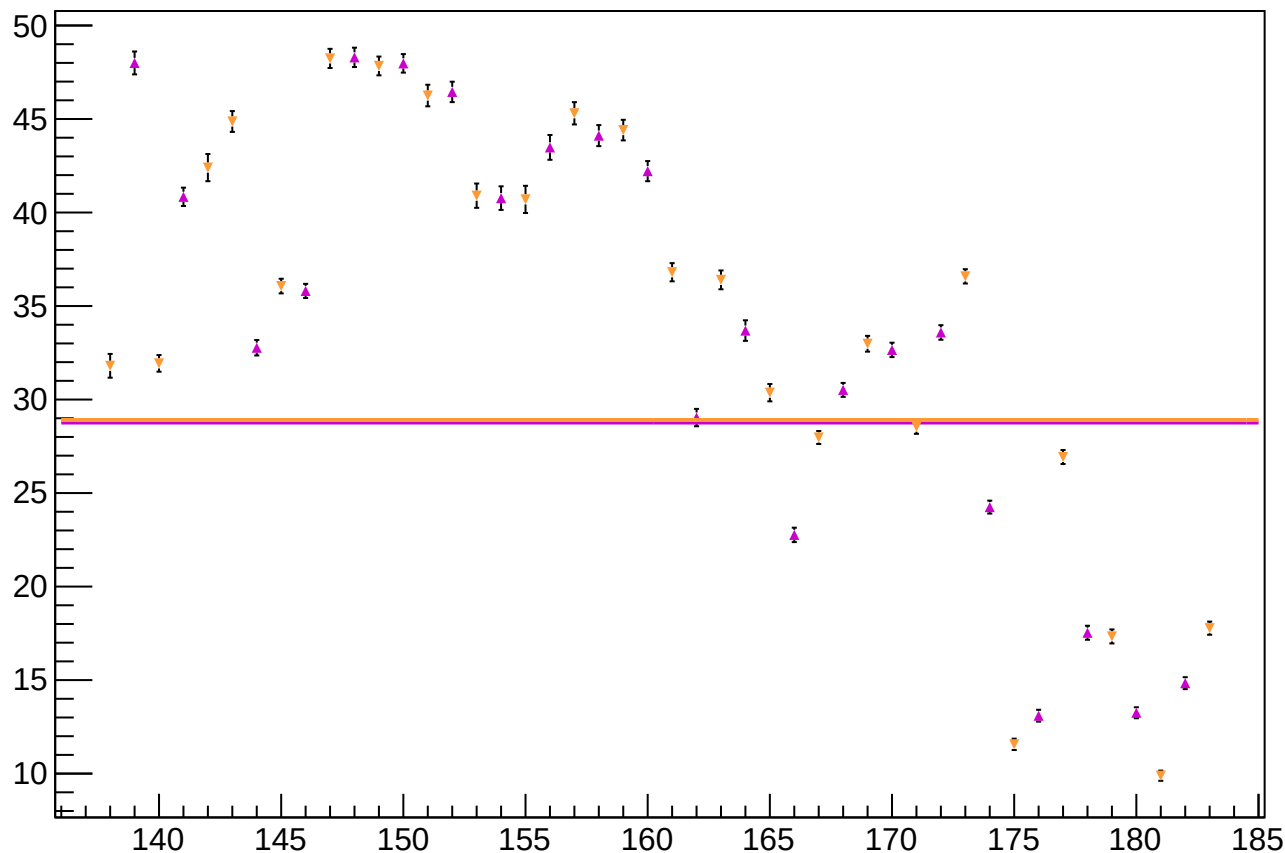
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.586 $\pm$ 0.070 χ^2 /NDF:8492.8/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.678 $\pm$ 0.071 χ^2 /NDF:6454.2/21

Left: 0.631 $\pm$ 0.050 χ^2 /NDF: 14947.8/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.678 $\pm$ 0.071 χ^2 /NDF:6454.2/21
 Out: 0.586 $\pm$ 0.070 χ^2 /NDF:8492.8/23
 All: 0.631 $\pm$ 0.050 χ^2 /NDF: 14947.8/45

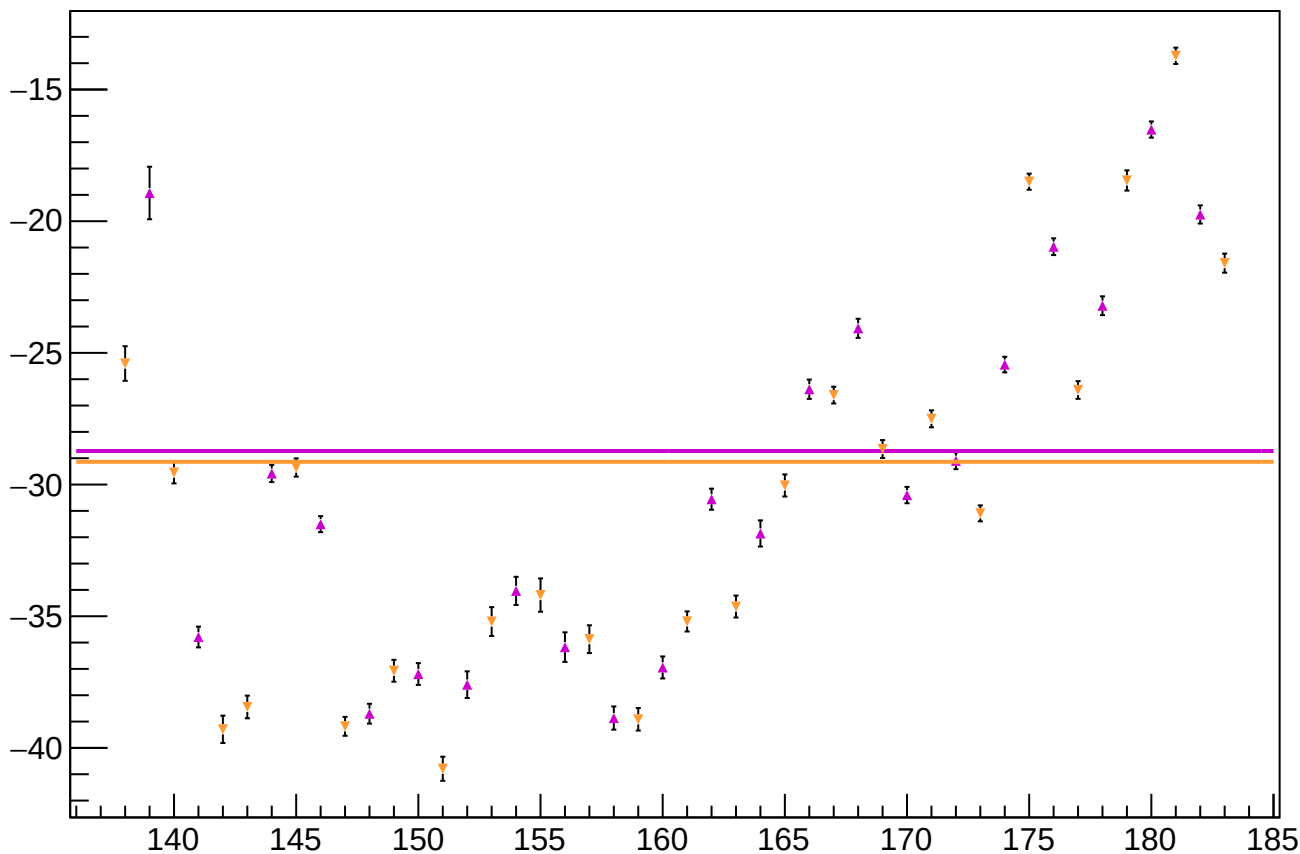
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 28.907 $\pm$ 0.089 χ^2 /NDF:18556.6/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 28.772 $\pm$ 0.090 χ^2 /NDF:17026.5/21

Left: 28.840 $\pm$ 0.063 χ^2 /NDF: 35584.2/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 28.772 $\pm$ 0.090 χ^2 /NDF:17026.5/21
 Out: 28.907 $\pm$ 0.089 χ^2 /NDF:18556.6/23
 All: 28.840 $\pm$ 0.063 χ^2 /NDF: 35584.2/45

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -29.136 $\pm$ 0.079 χ^2 /NDF:9071.6/23

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

Left In: -28.726 $\pm$ 0.080 χ^2 /NDF:6632.3/21

Left: -28.935 $\pm$ 0.056 χ^2 /NDF: 15717.2/45

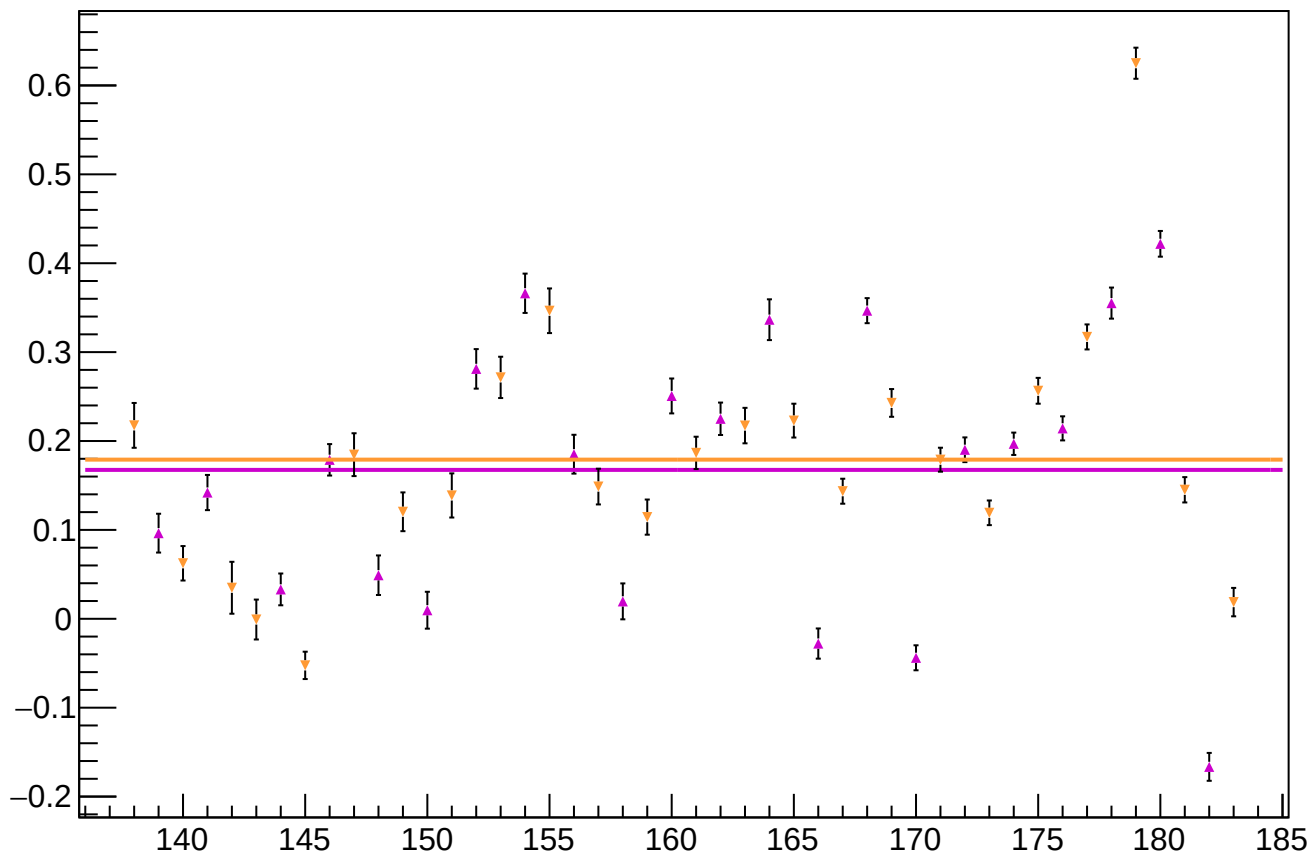
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -28.726 $\pm$ 0.080 χ^2 /NDF:6632.3/21

Out: -29.136 $\pm$ 0.079 χ^2 /NDF:9071.6/23

All: -28.935 $\pm$ 0.056 χ^2 /NDF: 15717.2/45

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: 0.179 $\pm$ 0.004 χ^2 /NDF:1368.4/23

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

Left In: 0.168 $\pm$ 0.004 χ^2 /NDF:1816.8/21

Left: 0.173 $\pm$ 0.003 χ^2 /NDF: 3190.1/45

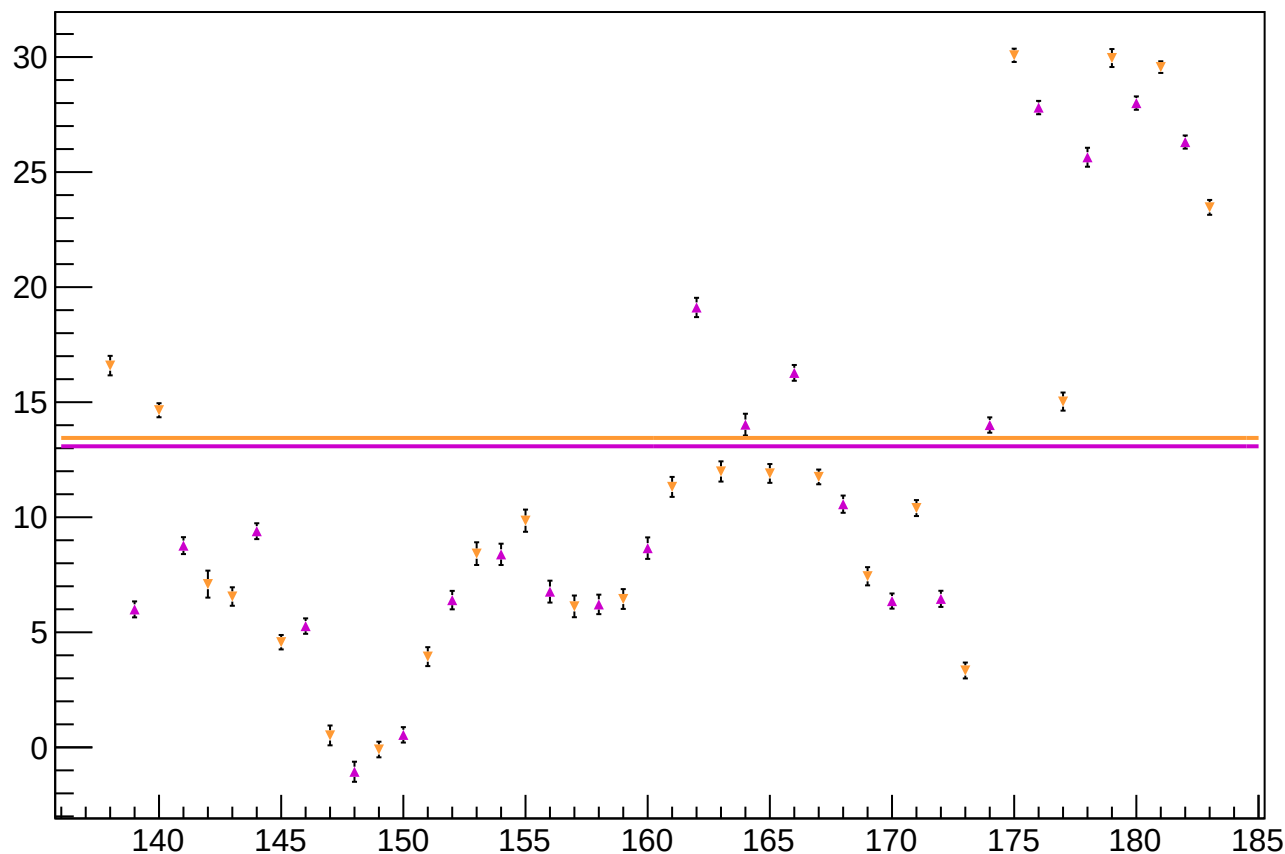
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.168 $\pm$ 0.004 χ^2 /NDF:1816.8/21

Out: 0.179 $\pm$ 0.004 χ^2 /NDF:1368.4/23

All: 0.173 $\pm$ 0.003 χ^2 /NDF: 3190.1/45

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: 13.447+/-0.076 χ^2/NDF :16339.3/23

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

Left In: 13.083+/-0.077 χ^2/NDF :13965.6/21

Left: 13.269+/-0.054 χ^2/NDF : 30316.1/45

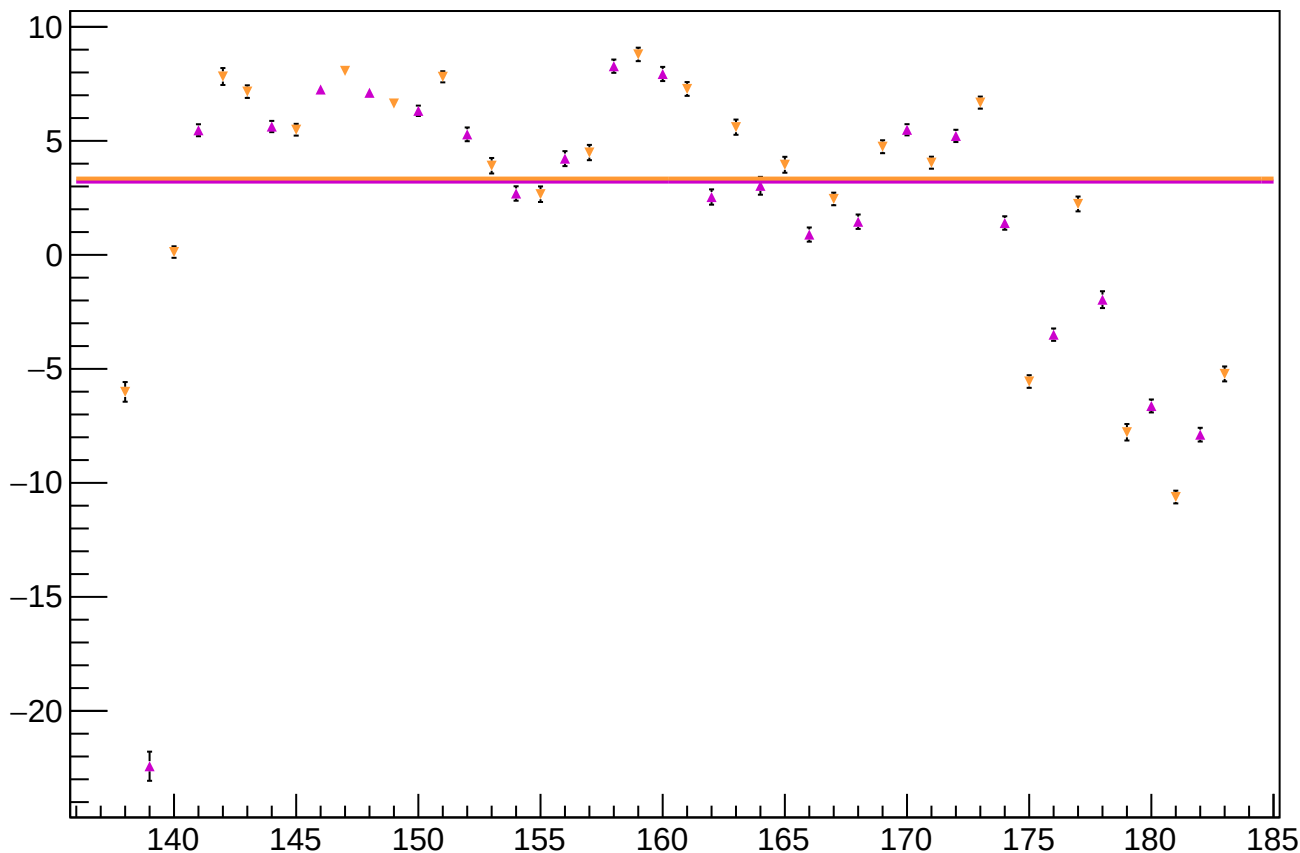
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 13.083+/-0.077 χ^2/NDF :13965.6/21

Out: 13.447+/-0.076 χ^2/NDF :16339.3/23

All: 13.269+/-0.054 χ^2/NDF : 30316.1/45

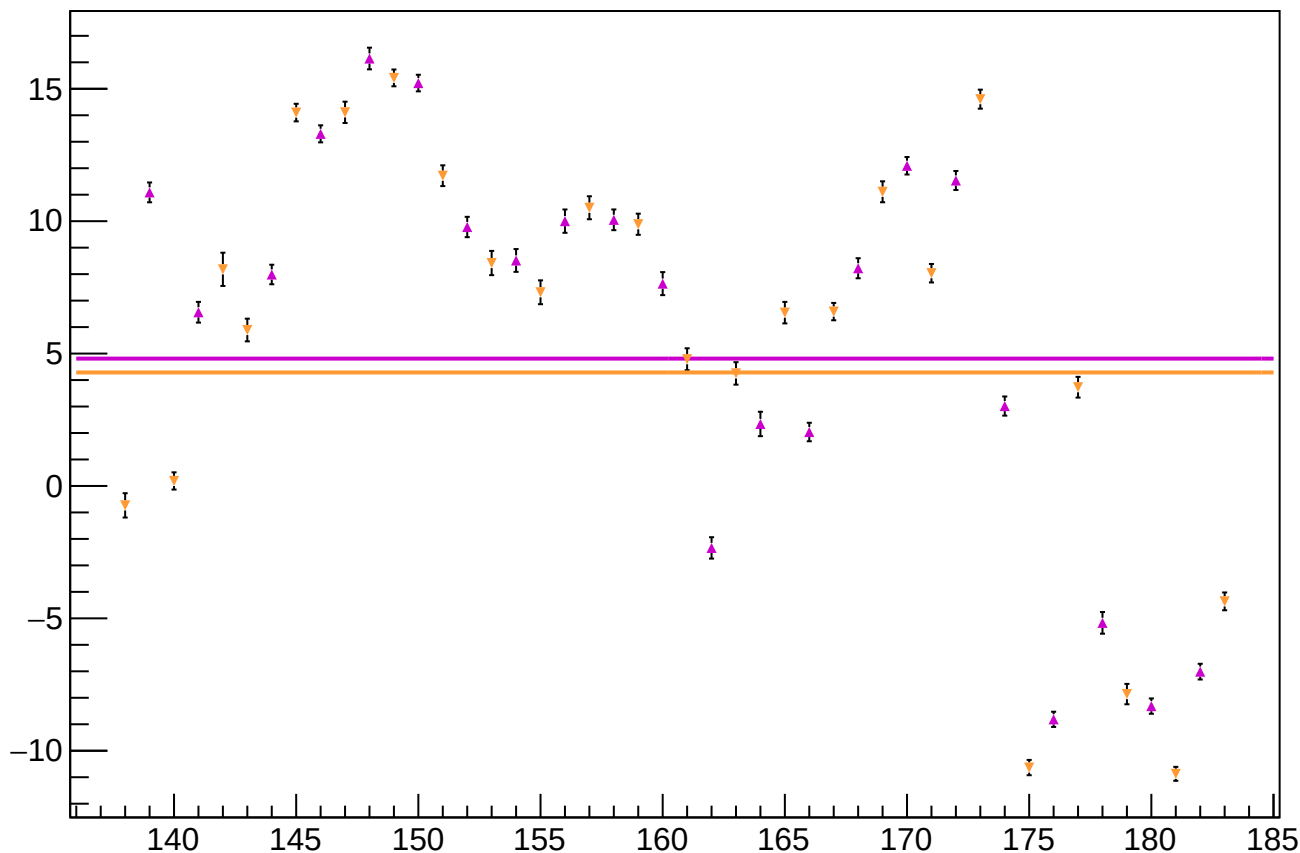
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.346+/-0.059 χ^2/NDF :8058.1/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.214+/-0.061 χ^2/NDF :6873.0/21

Left: 3.282+/-0.042 χ^2/NDF : 14933.6/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.214+/-0.061 χ^2/NDF :6873.0/21
 Out: 3.346+/-0.059 χ^2/NDF :8058.1/23
 All: 3.282+/-0.042 χ^2/NDF : 14933.6/45

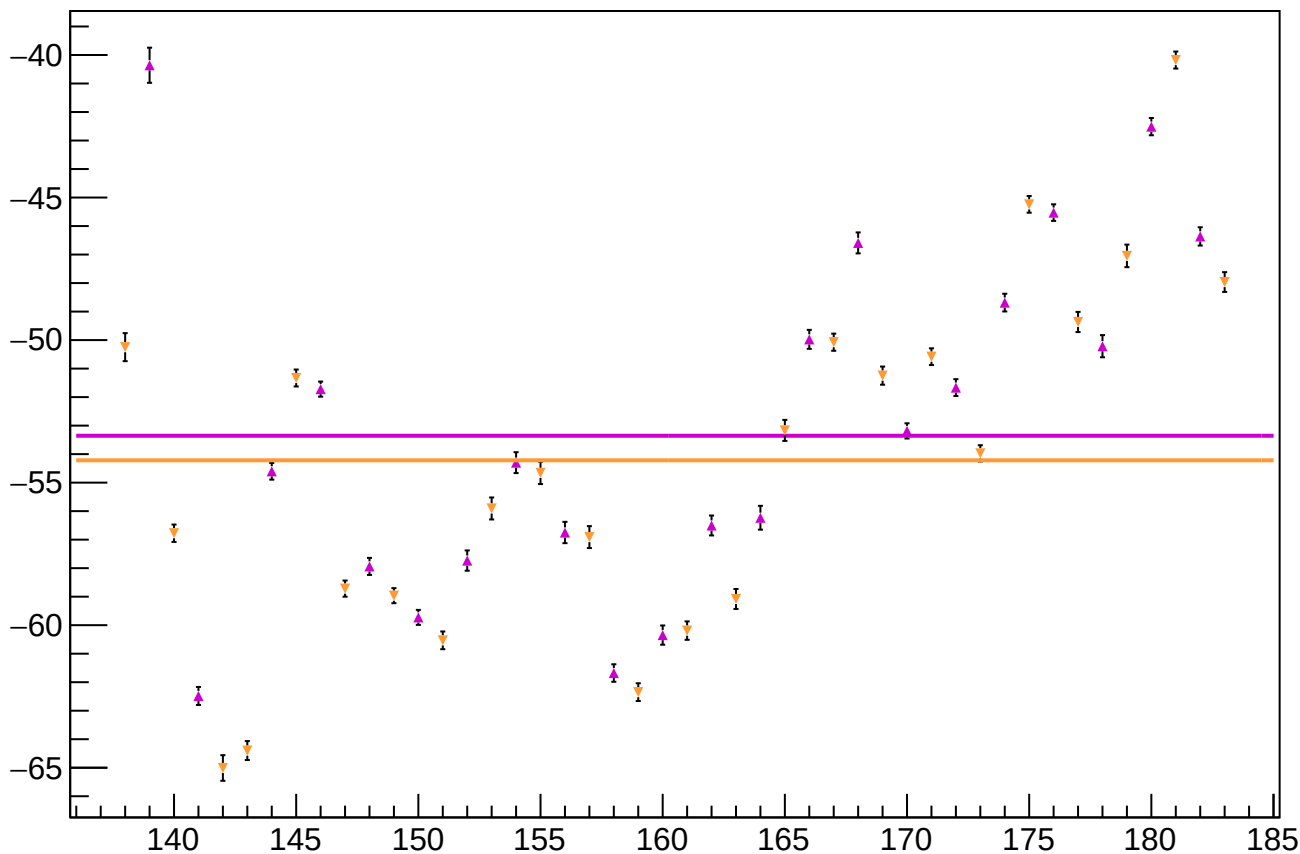
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.287 $\pm$ 0.076 χ^2 /NDF:12884.8/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.810 $\pm$ 0.077 χ^2 /NDF:11378.4/21

Left: 4.545 $\pm$ 0.054 χ^2 /NDF: 24286.5/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.810 $\pm$ 0.077 χ^2 /NDF:11378.4/21
 Out: 4.287 $\pm$ 0.076 χ^2 /NDF:12884.8/23
 All: 4.545 $\pm$ 0.054 χ^2 /NDF: 24286.5/45

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: -54.217+/-0.067 χ^2/NDF :8453.2/23

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

Left In: -53.355+/-0.069 χ^2/NDF :6931.7/21

Left: -53.798+/-0.048 χ^2/NDF : 15465.4/45

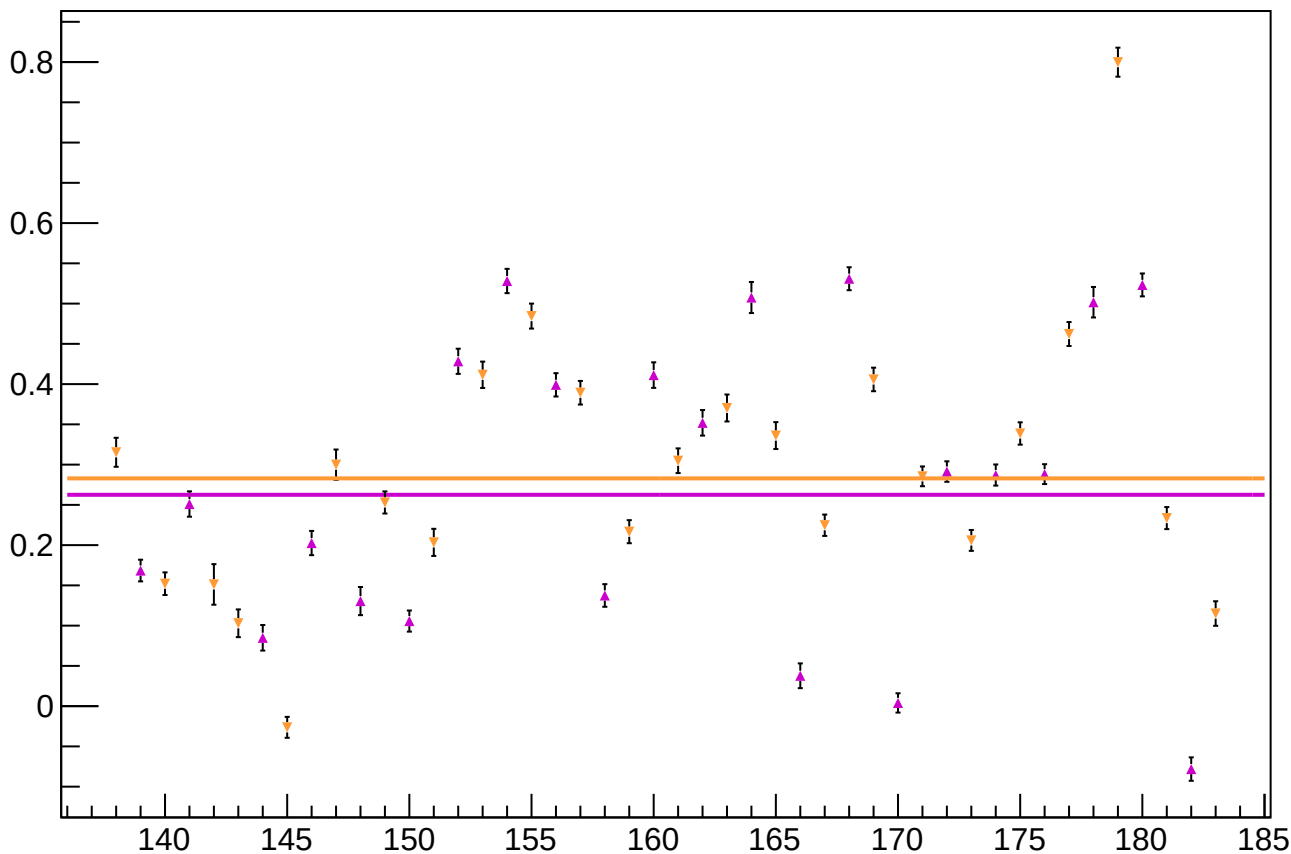
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -53.355+/-0.069 χ^2/NDF :6931.7/21

Out: -54.217+/-0.067 χ^2/NDF :8453.2/23

All: -53.798+/-0.048 χ^2/NDF : 15465.4/45

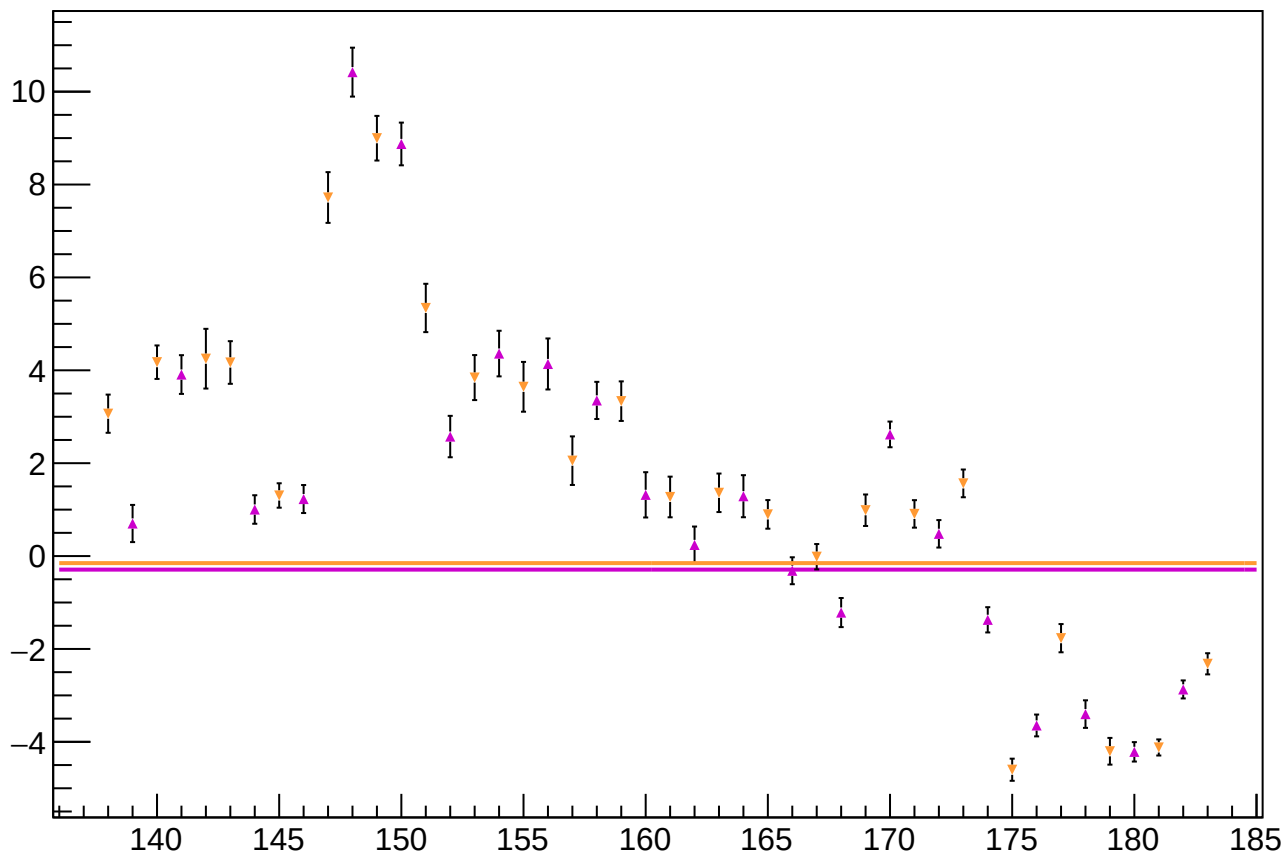
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left Out: 0.283 +/- 0.003 χ^2/NDF : 2405.8/23
 Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left In: 0.263 +/- 0.003 χ^2/NDF : 3349.6/21

Left: 0.273 +/- 0.002 χ^2/NDF : 5777.0/45
 Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 In: 0.263 +/- 0.003 χ^2/NDF : 3349.6/21
 Out: 0.283 +/- 0.003 χ^2/NDF : 2405.8/23
 All: 0.273 +/- 0.002 χ^2/NDF : 5777.0/45

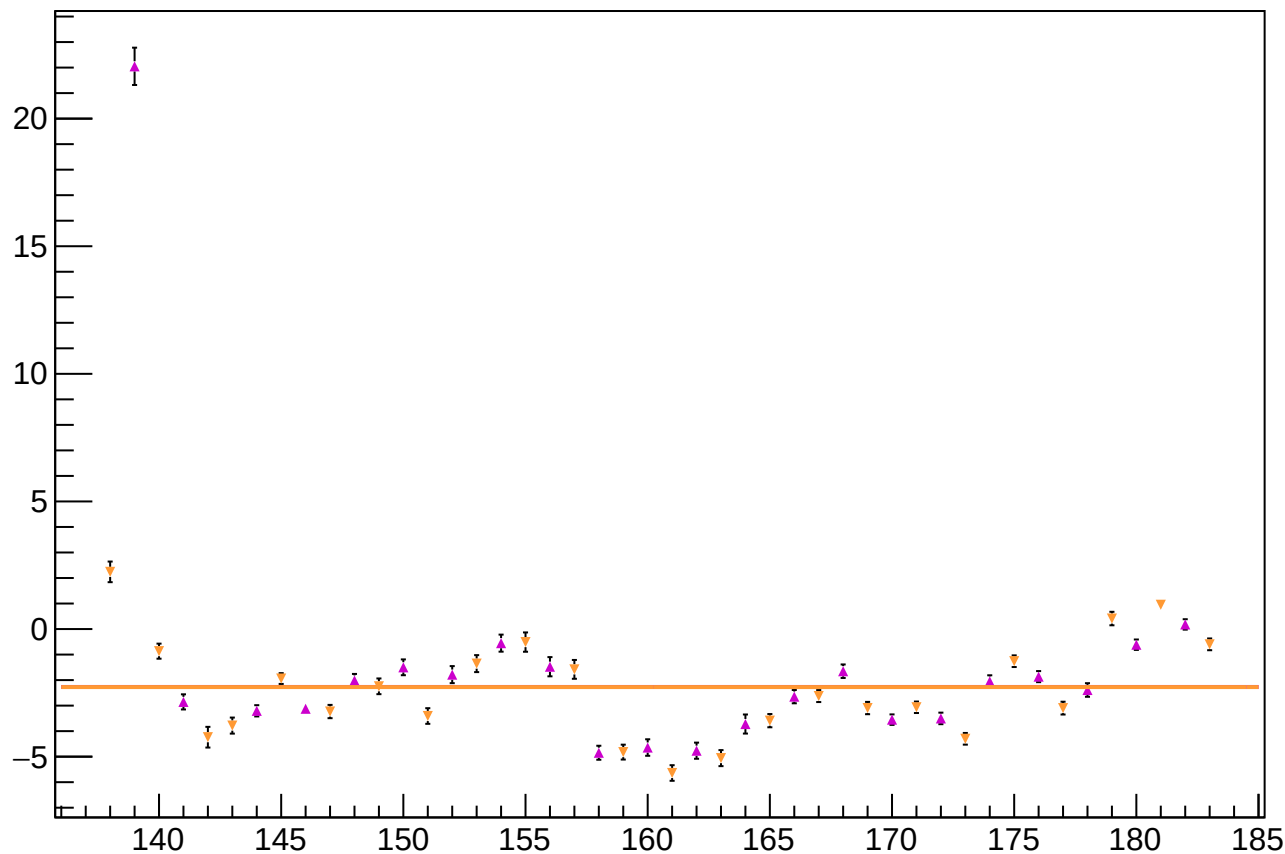
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.152+/-0.067 χ^2/NDF :2538.5/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.292+/-0.068 χ^2/NDF :2250.1/21

Left: -0.221+/-0.048 χ^2/NDF : 4790.8/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.292+/-0.068 χ^2/NDF :2250.1/21
 Out: -0.152+/-0.067 χ^2/NDF :2538.5/23
 All: -0.221+/-0.048 χ^2/NDF : 4790.8/45

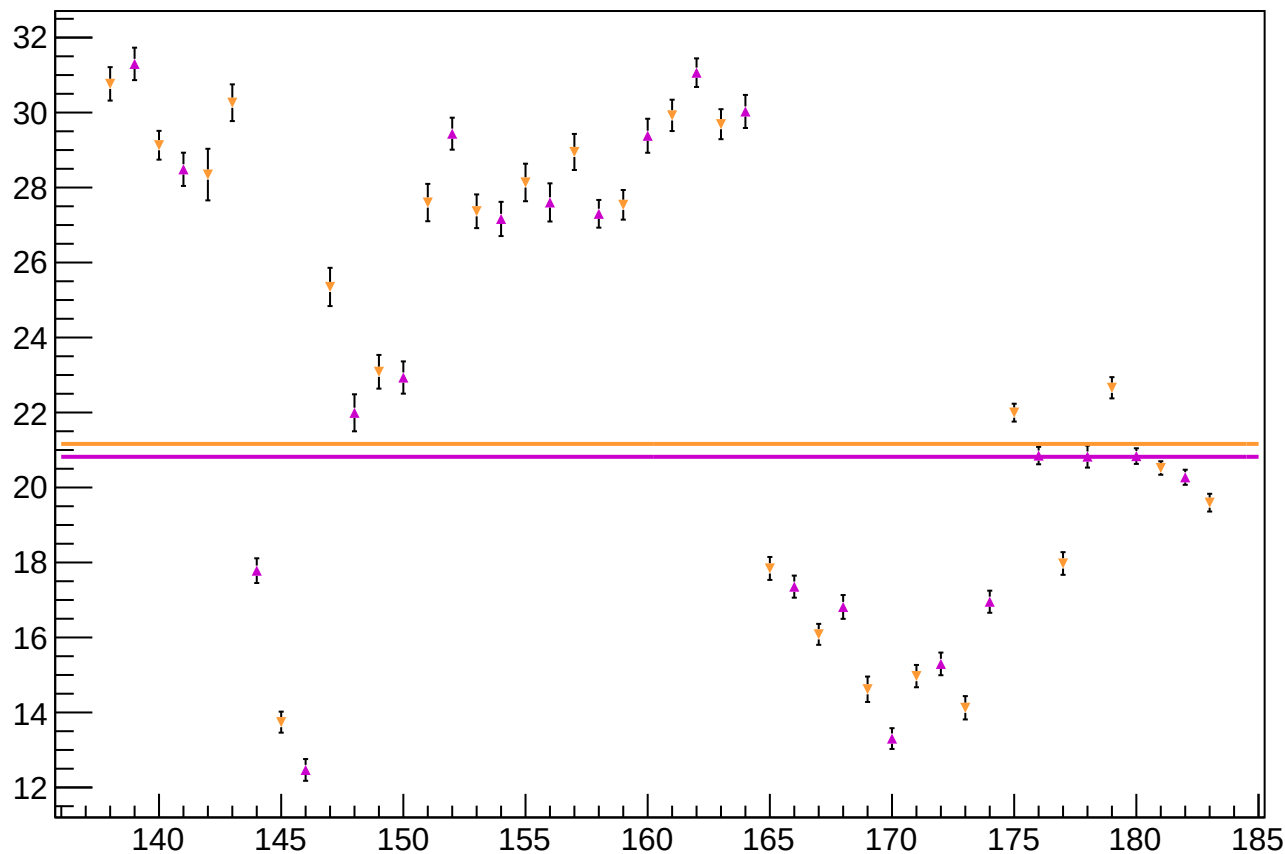
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.274+/-0.055 χ^2/NDF :1134.9/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.269+/-0.056 χ^2/NDF :1698.3/21

Left: -2.271+/-0.039 χ^2/NDF : 2833.2/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.269+/-0.056 χ^2/NDF :1698.3/21
 Out: -2.274+/-0.055 χ^2/NDF :1134.9/23
 All: -2.271+/-0.039 χ^2/NDF : 2833.2/45

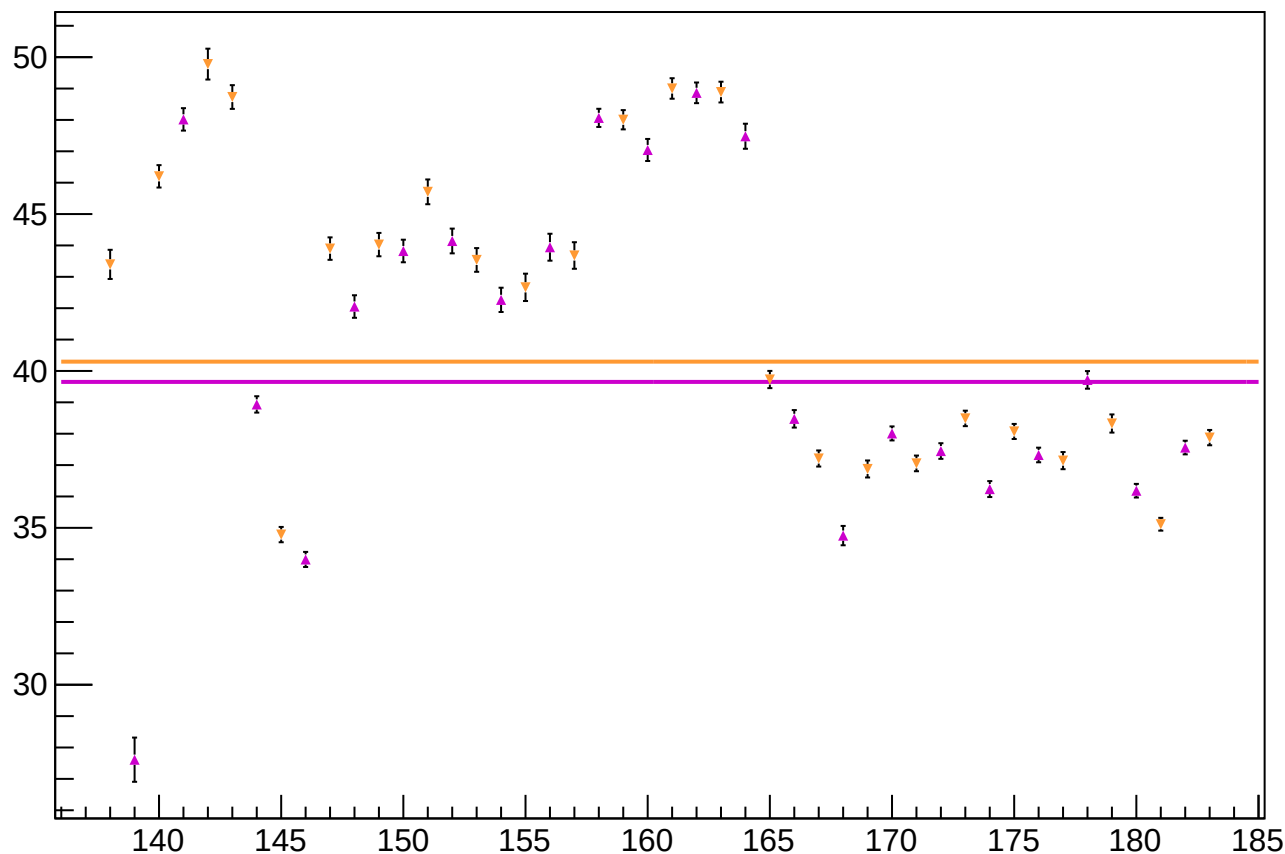
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.162+/-0.068 χ^2/NDF :6075.5/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 20.818+/-0.068 χ^2/NDF :5977.9/21

Left: 20.992+/-0.048 χ^2/NDF : 12066.2/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 20.818+/-0.068 χ^2/NDF :5977.9/21
 Out: 21.162+/-0.068 χ^2/NDF :6075.5/23
 All: 20.992+/-0.048 χ^2/NDF : 12066.2/45

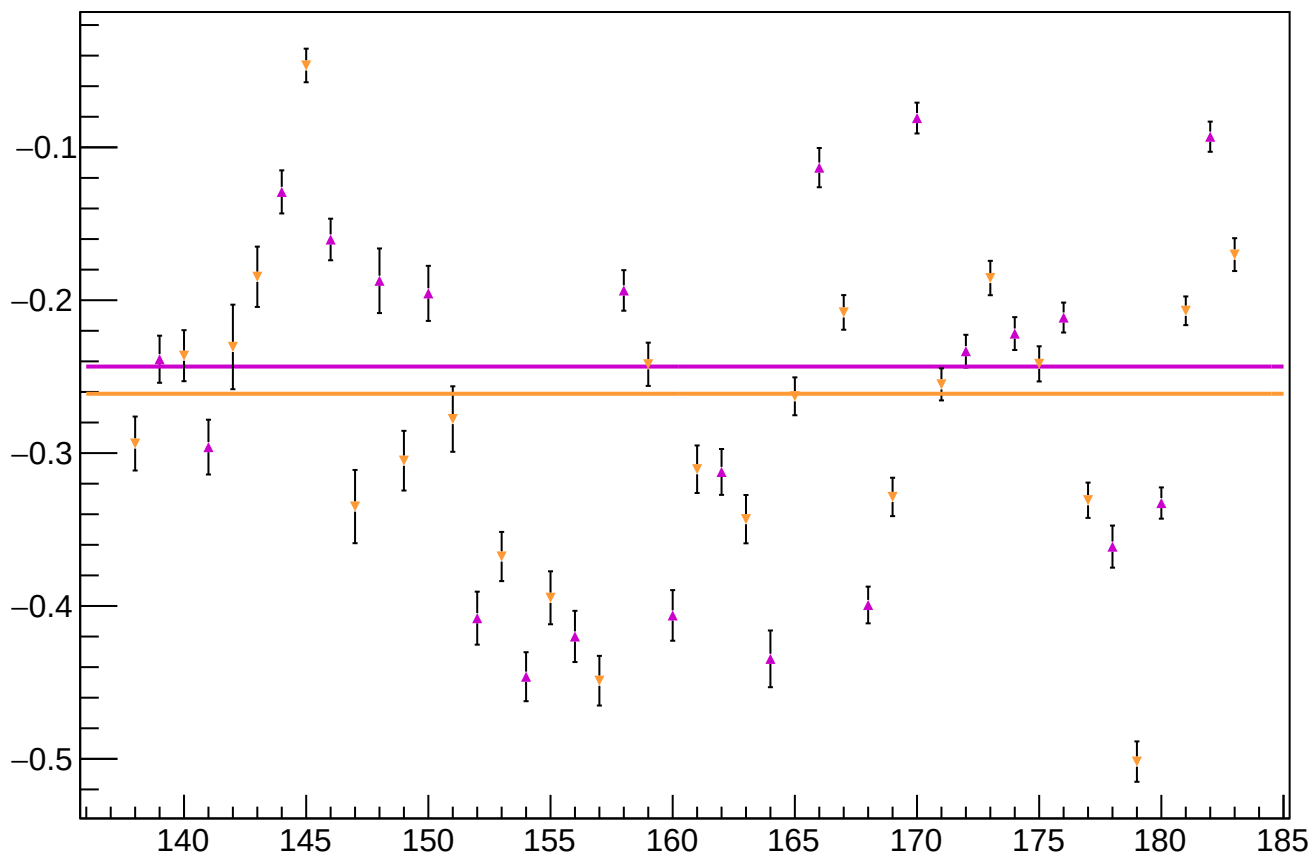
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 40.297 $\pm$ 0.061 χ^2 /NDF:5809.5/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 39.651 $\pm$ 0.062 χ^2 /NDF:5339.8/21

Left: 39.978 $\pm$ 0.044 χ^2 /NDF: 11204.2/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 39.651 $\pm$ 0.062 χ^2 /NDF:5339.8/21
 Out: 40.297 $\pm$ 0.061 χ^2 /NDF:5809.5/23
 All: 39.978 $\pm$ 0.044 χ^2 /NDF: 11204.2/45

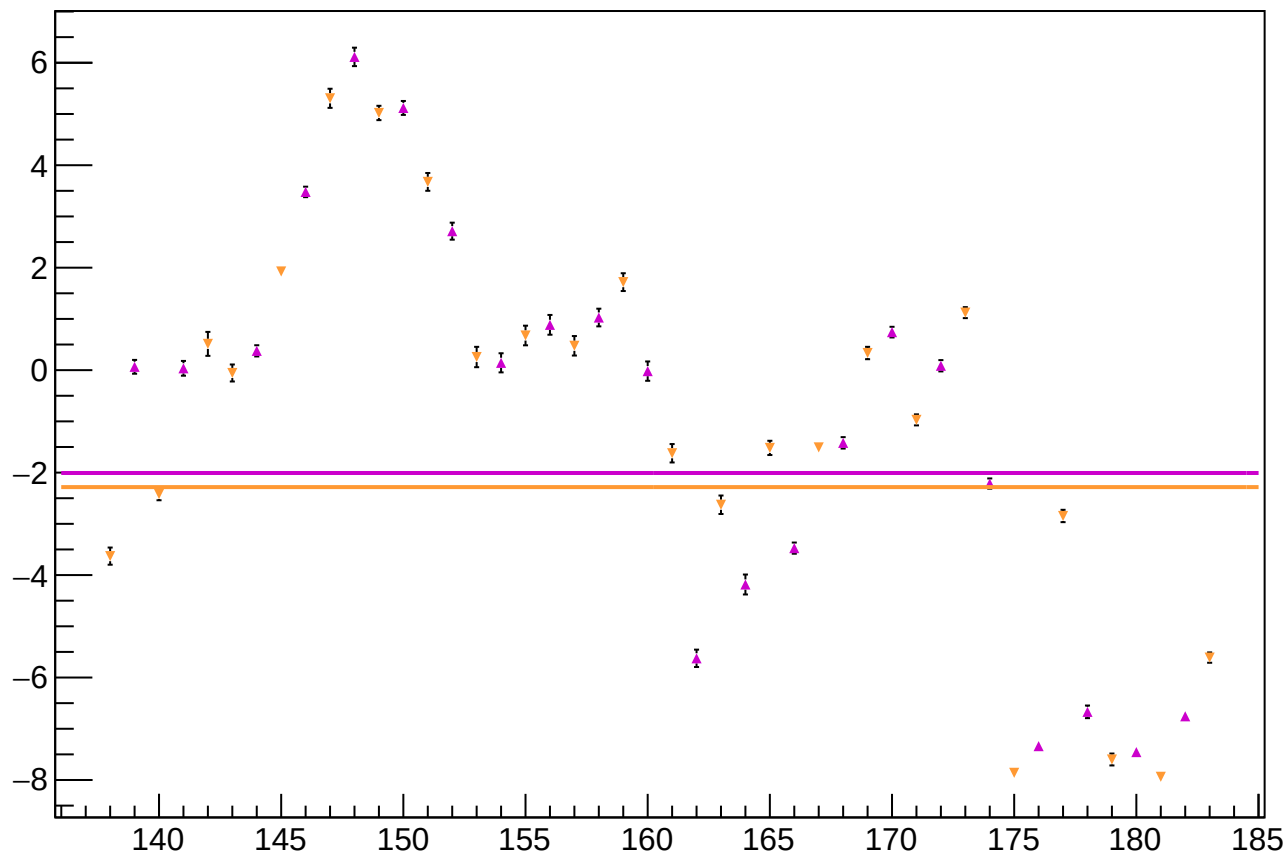
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.261+/-0.003 χ^2/NDF :1267.5/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.243+/-0.003 χ^2/NDF :1654.0/21

Left: -0.252+/-0.002 χ^2/NDF : 2941.6/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.243+/-0.003 χ^2/NDF :1654.0/21
 Out: -0.261+/-0.003 χ^2/NDF :1267.5/23
 All: -0.252+/-0.002 χ^2/NDF : 2941.6/45

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



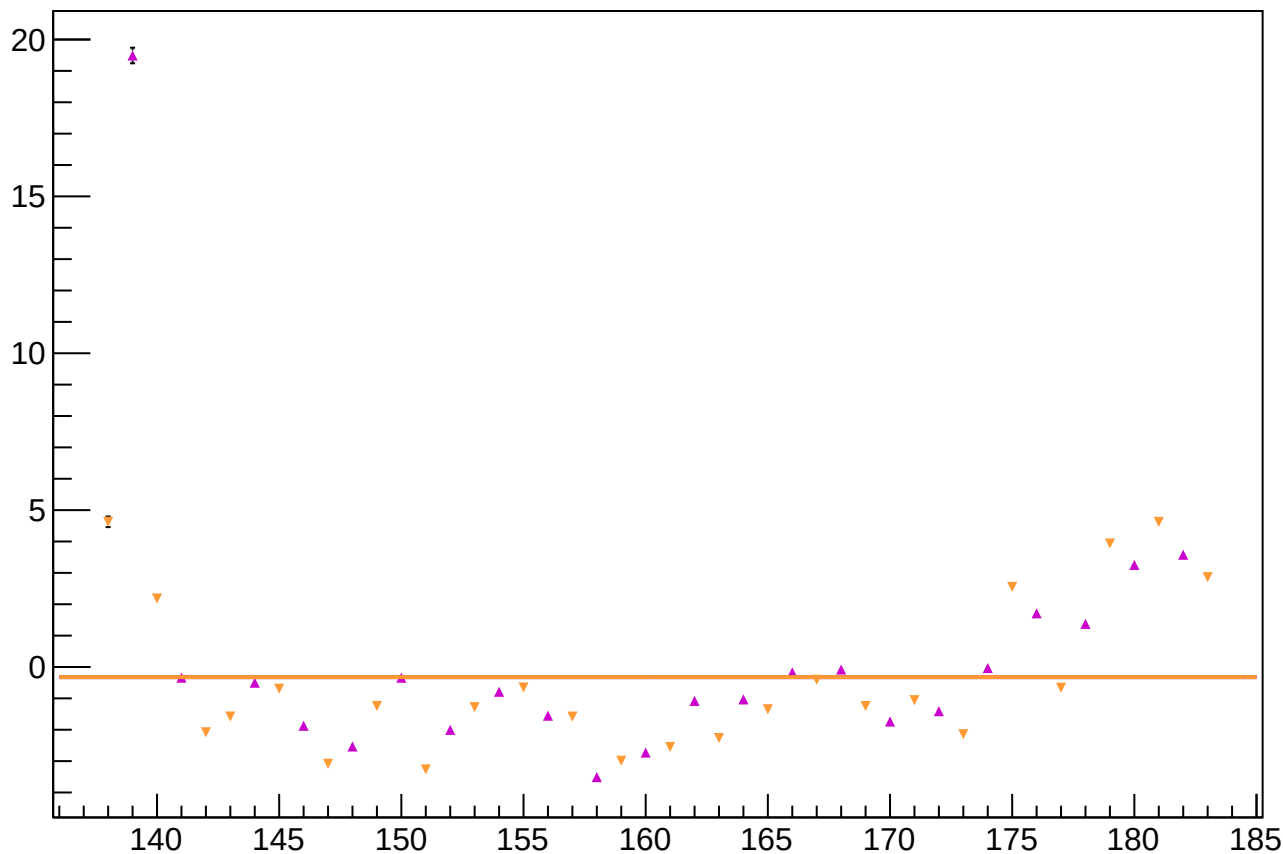
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.283+/-0.026 χ^2/NDF :23302.6/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.007+/-0.026 χ^2/NDF :23200.6/21

Left: -2.147+/-0.018 χ^2/NDF : 46559.0/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.007+/-0.026 χ^2/NDF :23200.6/21
 Out: -2.283+/-0.026 χ^2/NDF :23302.6/23

All: -2.147+/-0.018 χ^2/NDF : 46559.0/45

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



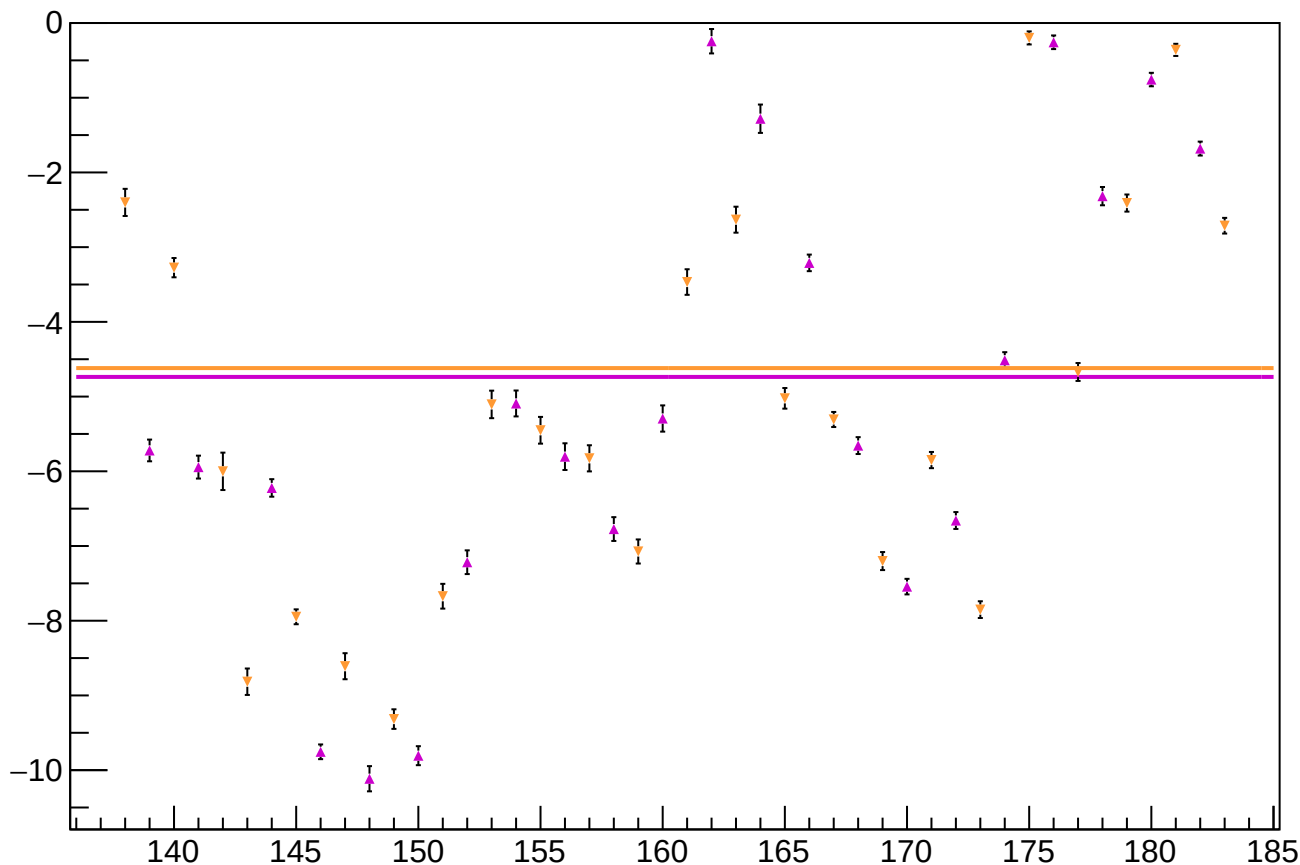
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.323+/-0.021 χ^2/NDF :12576.8/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.323+/-0.021 χ^2/NDF :13544.9/21

Left: -0.323+/-0.015 χ^2/NDF : 26121.7/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.323+/-0.021 χ^2/NDF :13544.9/21
 Out: -0.323+/-0.021 χ^2/NDF :12576.8/23

All: -0.323+/-0.015 χ^2/NDF : 26121.7/45

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



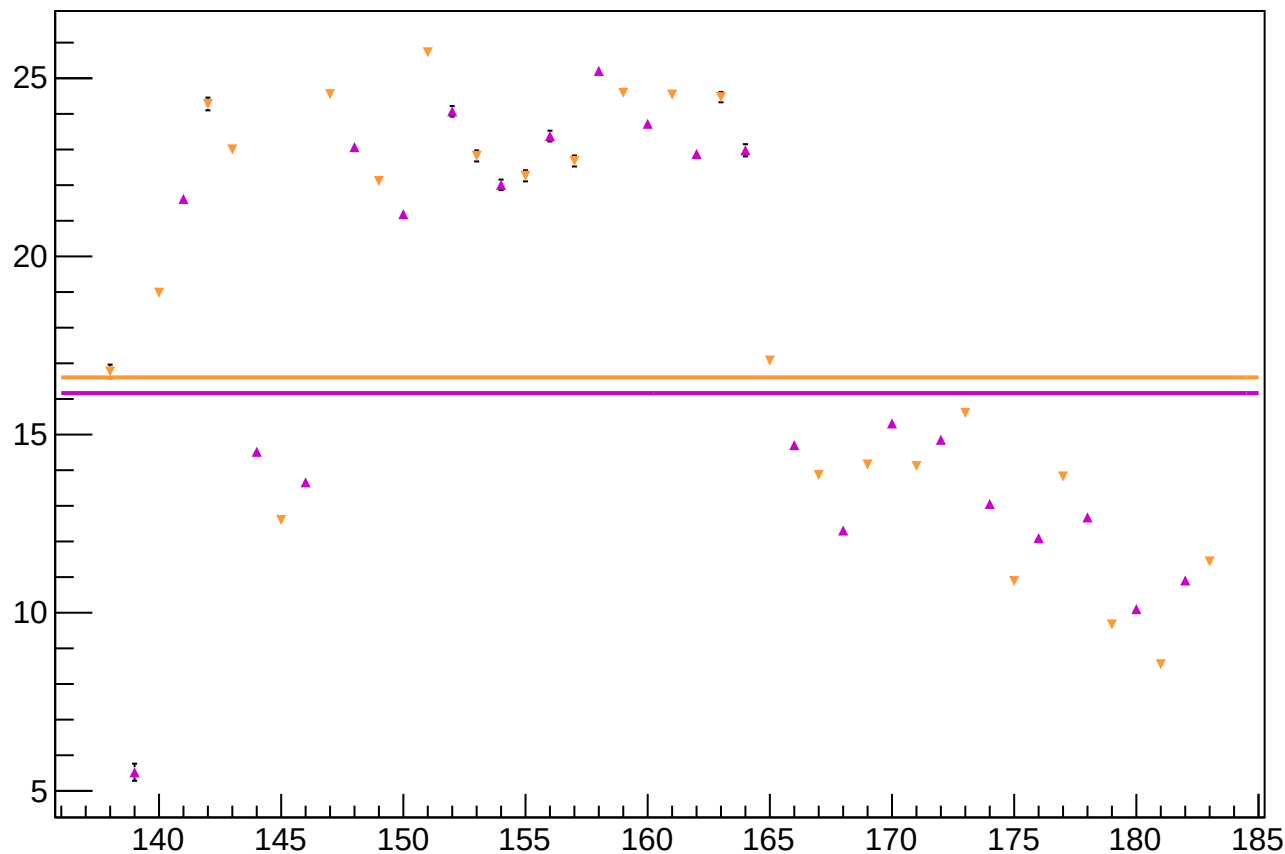
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -4.619 $\pm$ 0.026 χ^2 /NDF:12072.2/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -4.737 $\pm$ 0.026 χ^2 /NDF:14116.8/21

Left: -4.677 $\pm$ 0.019 χ^2 /NDF: 26199.3/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -4.737 $\pm$ 0.026 χ^2 /NDF:14116.8/21
 Out: -4.619 $\pm$ 0.026 χ^2 /NDF:12072.2/23

All: -4.677 $\pm$ 0.019 χ^2 /NDF: 26199.3/45

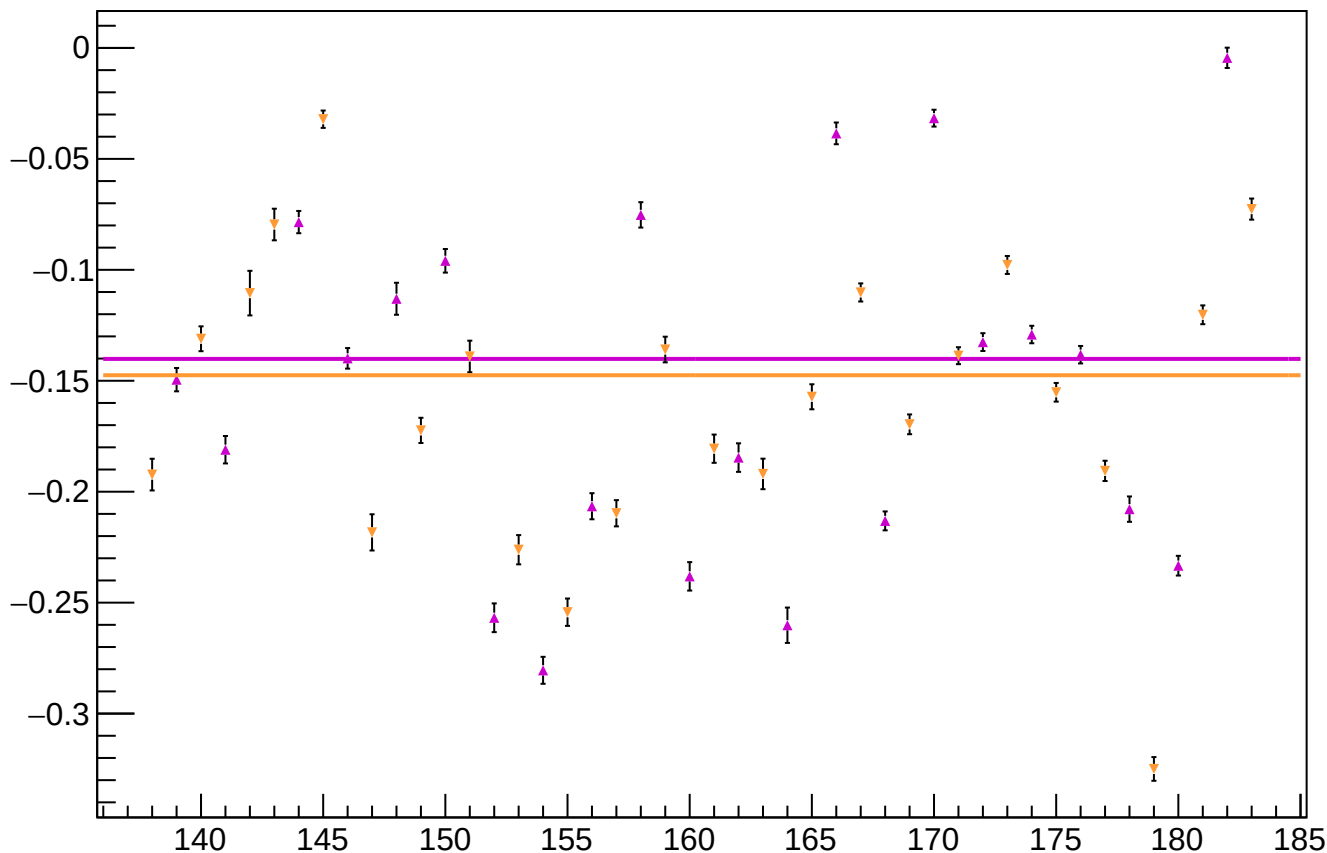
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 16.605 $\pm$ 0.023 χ^2/NDF :53683.0/23
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 16.165 $\pm$ 0.024 χ^2/NDF :41861.9/21

Left: 16.388 $\pm$ 0.017 χ^2/NDF : 95719.9/45
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 16.165 $\pm$ 0.024 χ^2/NDF :41861.9/21
 Out: 16.605 $\pm$ 0.023 χ^2/NDF :53683.0/23
 All: 16.388 $\pm$ 0.017 χ^2/NDF : 95719.9/45

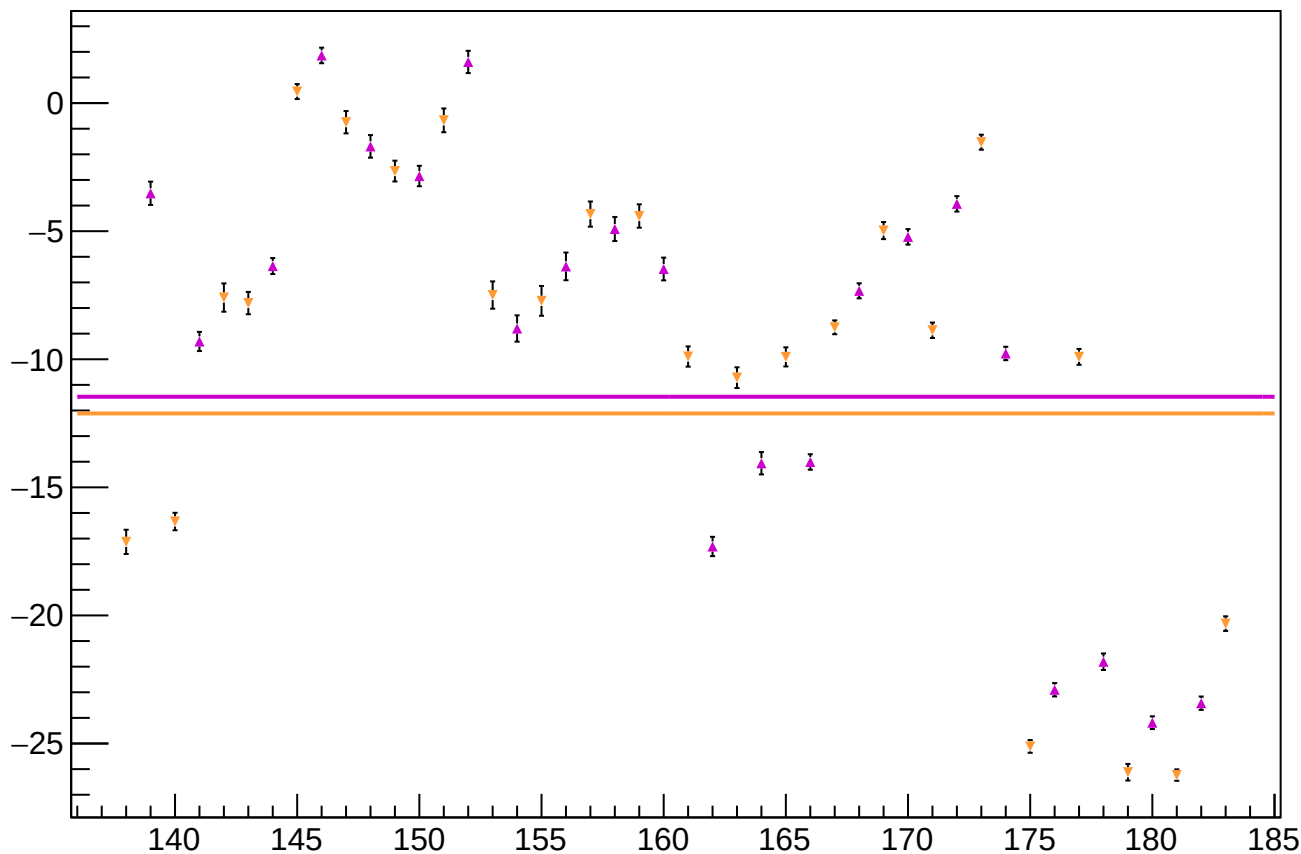
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.147 $\pm$ 0.001 χ^2 /NDF:3496.3/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.140 $\pm$ 0.001 χ^2 /NDF:4917.8/21

Left: -0.144 $\pm$ 0.001 χ^2 /NDF: 8437.6/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.140 $\pm$ 0.001 χ^2 /NDF:4917.8/21
 Out: -0.147 $\pm$ 0.001 χ^2 /NDF:3496.3/23
 All: -0.144 $\pm$ 0.001 χ^2 /NDF: 8437.6/45

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: -12.115+/-0.071 χ^2/NDF :16366.2/23

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

Left In: -11.464+/-0.072 χ^2/NDF :14122.9/21

Left: -11.794+/-0.051 χ^2/NDF : 30530.6/45

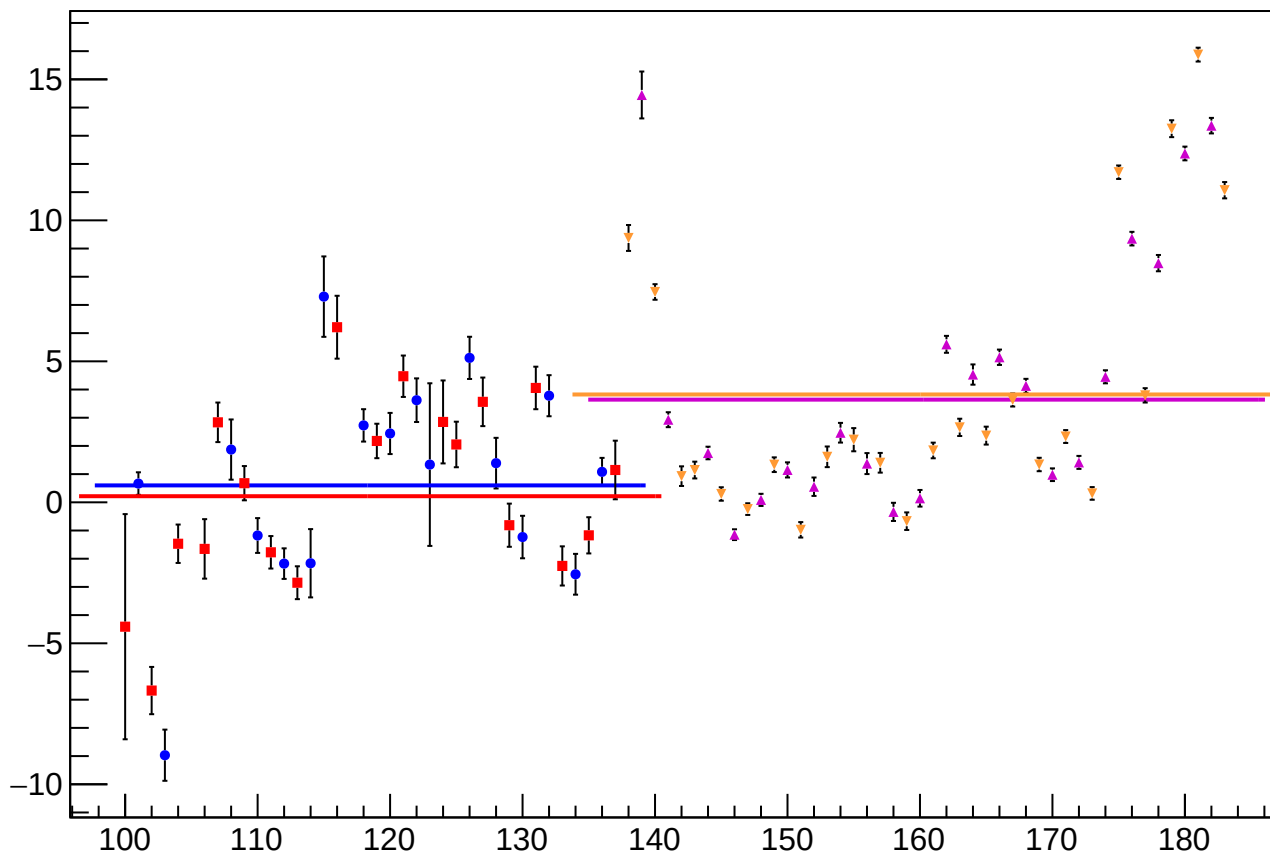
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.464+/-0.072 χ^2/NDF :14122.9/21

Out: -12.115+/-0.071 χ^2/NDF :16366.2/23

All: -11.794+/-0.051 χ^2/NDF : 30530.6/45

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 $\pm$ 0.169 χ^2 /NDF: 291.9/16

Left Out: 3.824 $\pm$ 0.056 χ^2 /NDF:7363.4/23

Right Out: 0.216 $\pm$ 0.175 χ^2 /NDF: 274.5/18

Left In: 3.641 $\pm$ 0.057 χ^2 /NDF:5364.4/21

Left: 3.734 $\pm$ 0.040 χ^2 /NDF: 12733.1/45

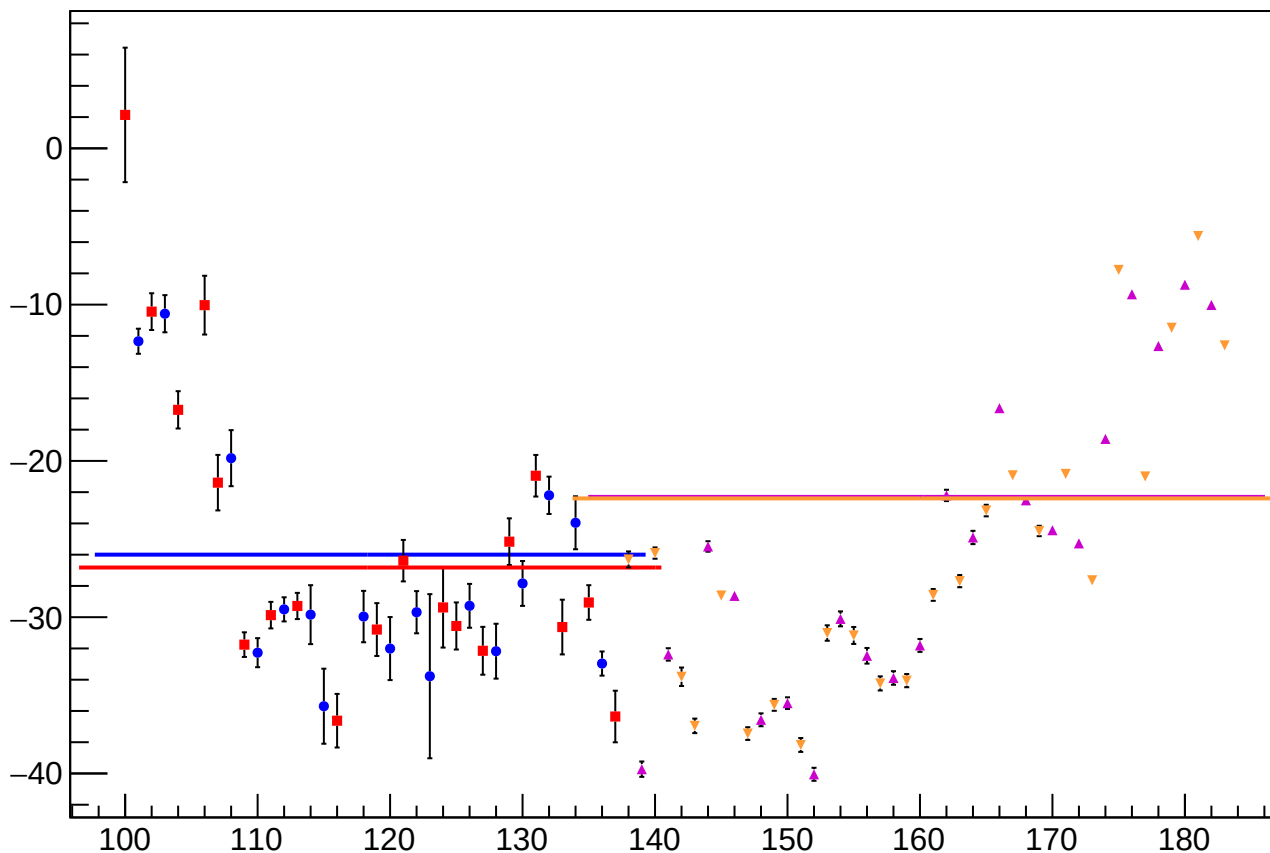
Right: 0.414 $\pm$ 0.122 χ^2 /NDF: 568.9/35

In: 3.333 $\pm$ 0.054 χ^2 /NDF:5946.5/38

Out: 3.488 $\pm$ 0.053 χ^2 /NDF:8025.2/42

All: 3.412 $\pm$ 0.038 χ^2 /NDF: 13976.0/81

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16

Left Out: -22.400 ± 0.071 χ^2/NDF : 19551.3/23

Right Out: -26.821 ± 0.298 χ^2/NDF : 580.9/18

Left In: -22.303 ± 0.072 χ^2/NDF : 17818.9/21

Left: -22.352 ± 0.051 χ^2/NDF : 37371.1/45

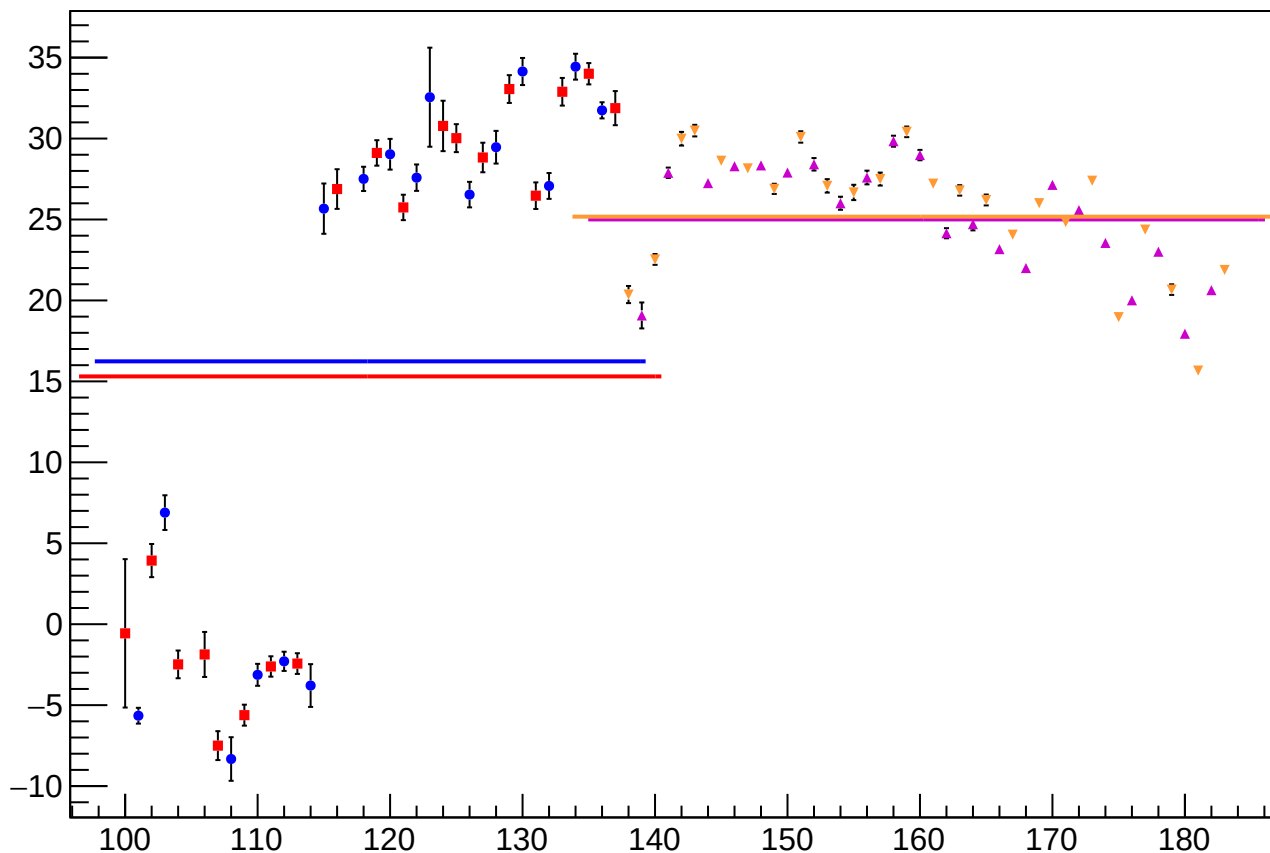
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -22.504 ± 0.070 χ^2/NDF : 18654.9/38

Out: -22.640 ± 0.069 χ^2/NDF : 20341.0/42

All: -22.573 ± 0.049 χ^2/NDF : 38997.8/81

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16

Left Out: 25.175 $\pm$ 0.063 χ^2 /NDF: 3729.6/23

Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18

Left In: 25.004 $\pm$ 0.064 χ^2 /NDF: 2733.6/21

Left: 25.091 $\pm$ 0.045 χ^2 /NDF: 6466.8/45

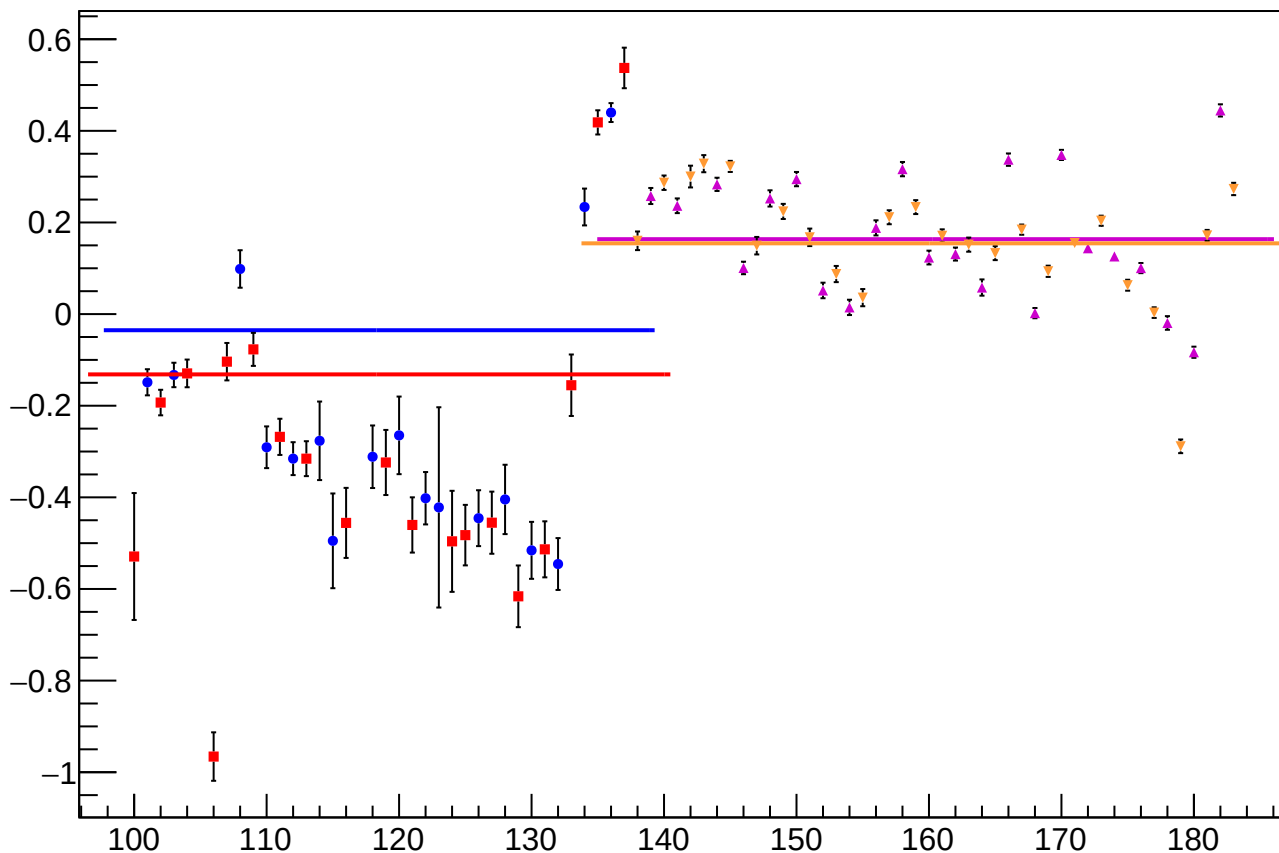
Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35

In: 24.119 $\pm$ 0.061 χ^2 /NDF: 12200.0/38

Out: 24.255 $\pm$ 0.060 χ^2 /NDF: 13277.8/42

All: 24.188 $\pm$ 0.043 χ^2 /NDF: 25480.3/81

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.035 ± 0.010 χ^2/NDF : 1013.6/16

Left Out: 0.154 ± 0.003 χ^2/NDF : 1744.7/23

Right Out: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.164 ± 0.003 χ^2/NDF : 2208.2/21

Left: 0.159 ± 0.002 χ^2/NDF : 3957.7/45

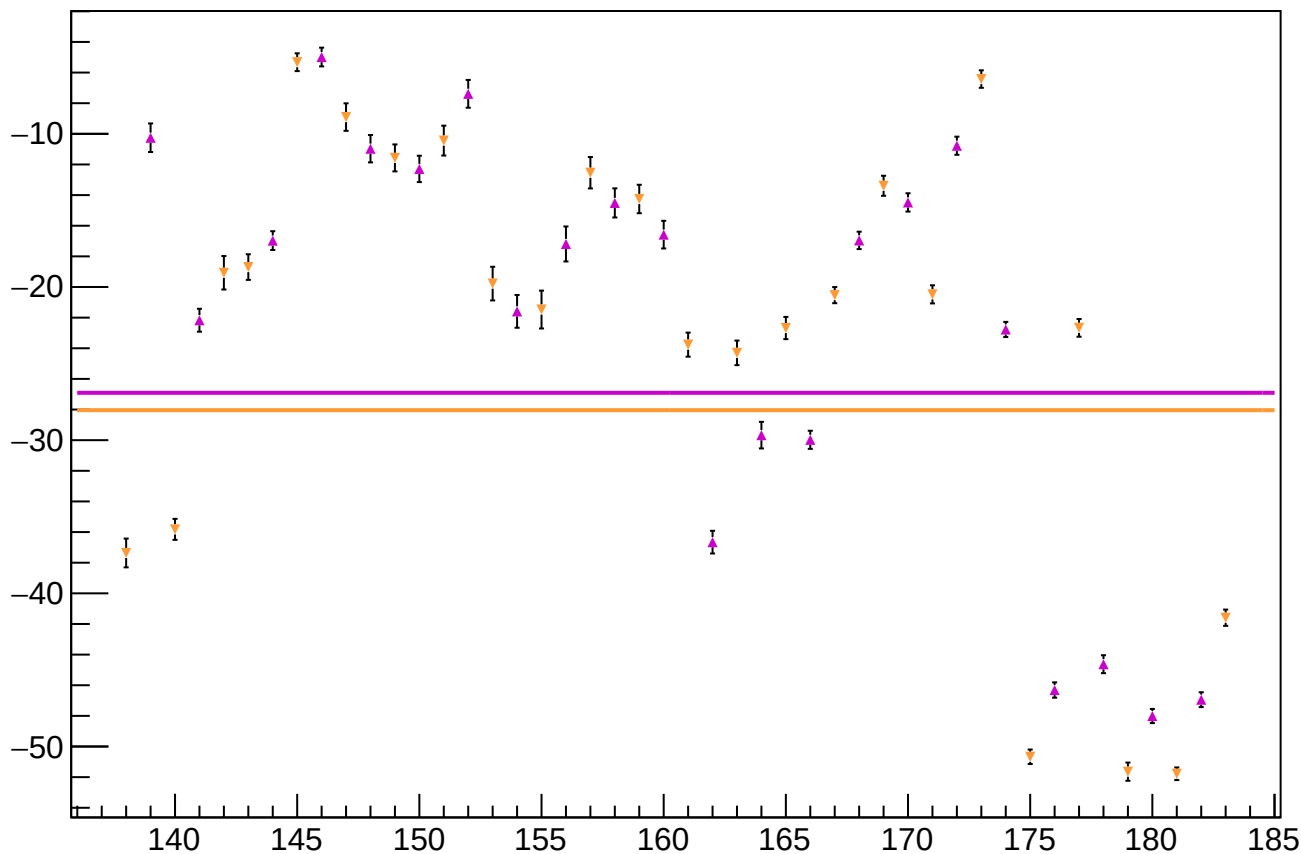
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.149 ± 0.003 χ^2/NDF : 3564.8/38

Out: 0.134 ± 0.003 χ^2/NDF : 3621.3/42

All: 0.141 ± 0.002 χ^2/NDF : 7200.5/81

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: -28.041+/-0.138 χ^2/NDF :13905.6/23

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

Left In: -26.907+/-0.140 χ^2/NDF :11350.8/21

Left: -27.482+/-0.099 χ^2/NDF : 25289.4/45

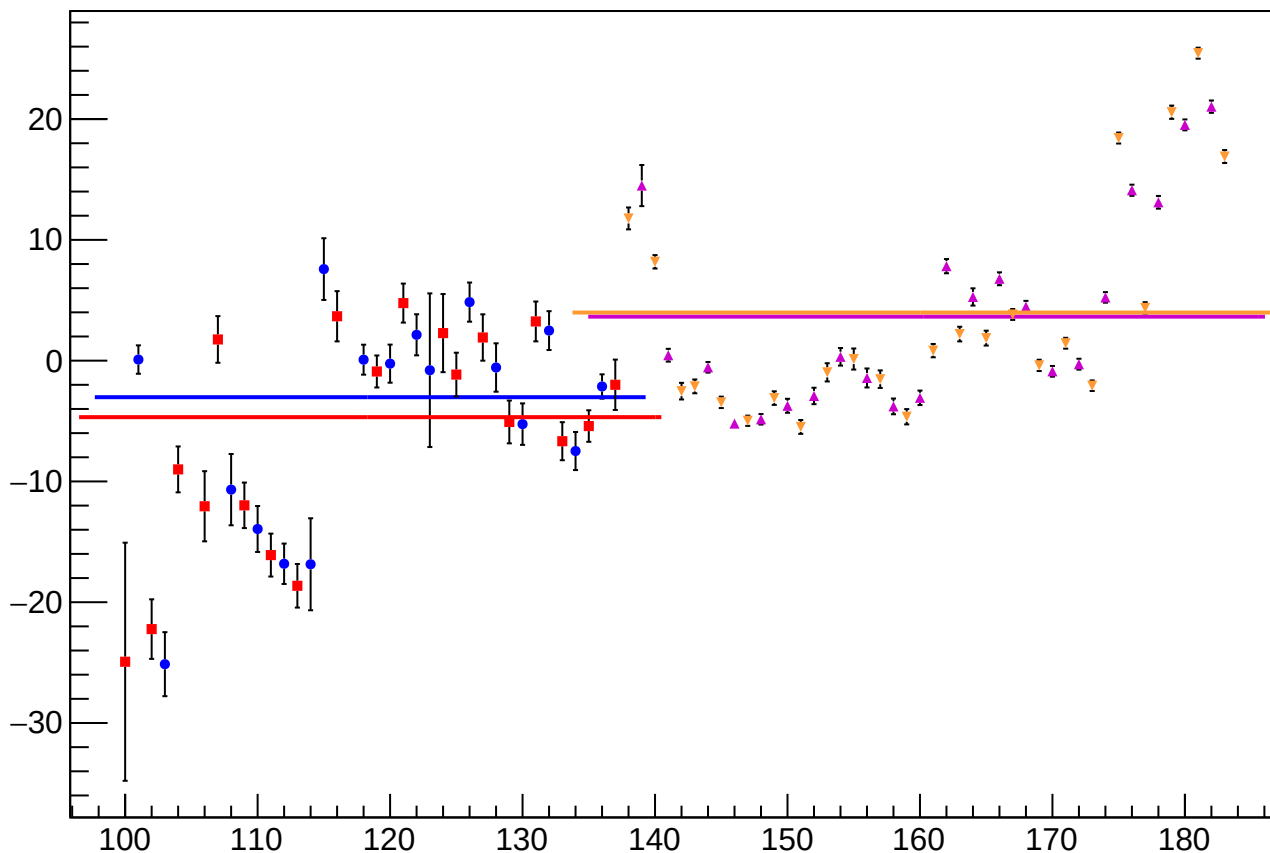
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.907+/-0.140 χ^2/NDF :11350.8/21

Out: -28.041+/-0.138 χ^2/NDF :13905.6/23

All: -27.482+/-0.099 χ^2/NDF : 25289.4/45

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: 3.985 ± 0.110 χ^2/NDF : 6846.0/23

Right Out: -4.678 ± 0.426 χ^2/NDF : 299.1/18

Left In: 3.644 ± 0.112 χ^2/NDF : 5192.4/21

Left: 3.817 ± 0.078 χ^2/NDF : 12043.2/45

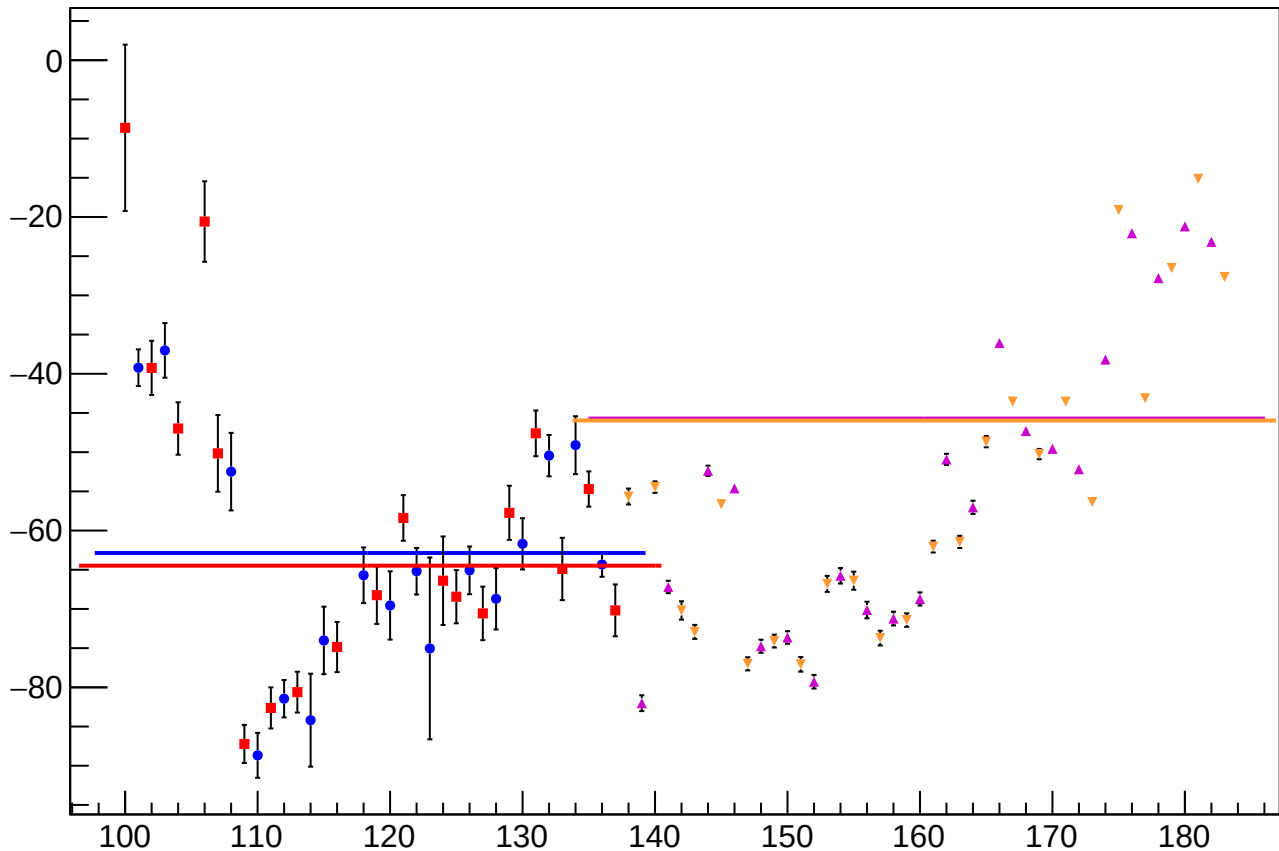
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: 3.179 ± 0.108 χ^2/NDF : 5721.5/38

Out: 3.442 ± 0.107 χ^2/NDF : 7532.4/42

All: 3.312 ± 0.076 χ^2/NDF : 13257.0/81

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 $\chi^2/\text{NDF}: 367.7/16$

Left Out: -45.958 ± 0.139 $\chi^2/\text{NDF}: 19825.8/23$

Right Out: -64.480 ± 0.751 $\chi^2/\text{NDF}: 444.0/18$

Left In: -45.720 ± 0.141 $\chi^2/\text{NDF}: 17718.9/21$

Left: -45.840 ± 0.099 $\chi^2/\text{NDF}: 37546.1/45$

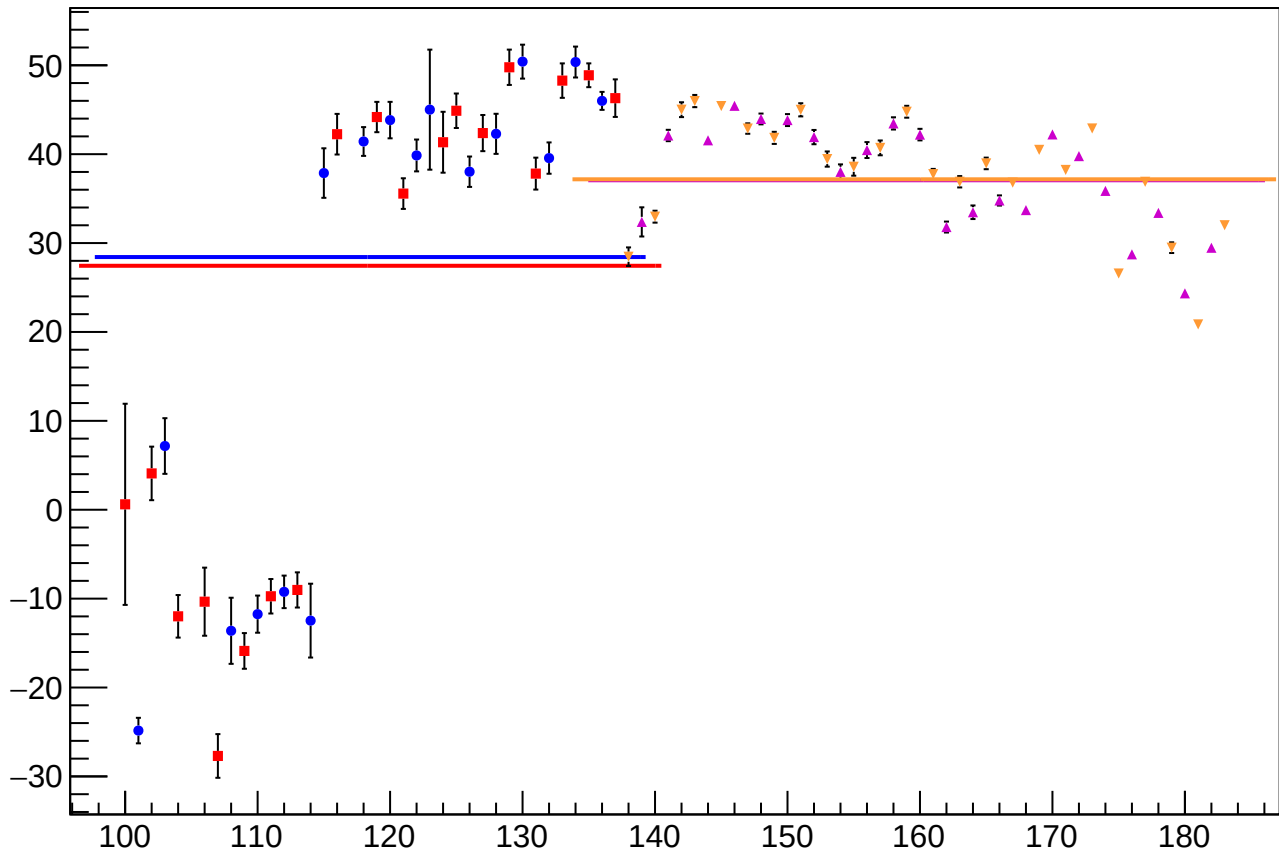
Right: -63.656 ± 0.527 $\chi^2/\text{NDF}: 814.1/35$

In: -46.319 ± 0.138 $\chi^2/\text{NDF}: 18605.7/38$

Out: -46.574 ± 0.137 $\chi^2/\text{NDF}: 20857.8/42$

All: -46.447 ± 0.097 $\chi^2/\text{NDF}: 39465.1/81$

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 37.173 $\pm$ 0.124 χ^2 /NDF:3058.6/23

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 37.064 $\pm$ 0.126 χ^2 /NDF:2404.5/21

Left: 37.119 $\pm$ 0.088 χ^2 /NDF: 5463.4/45

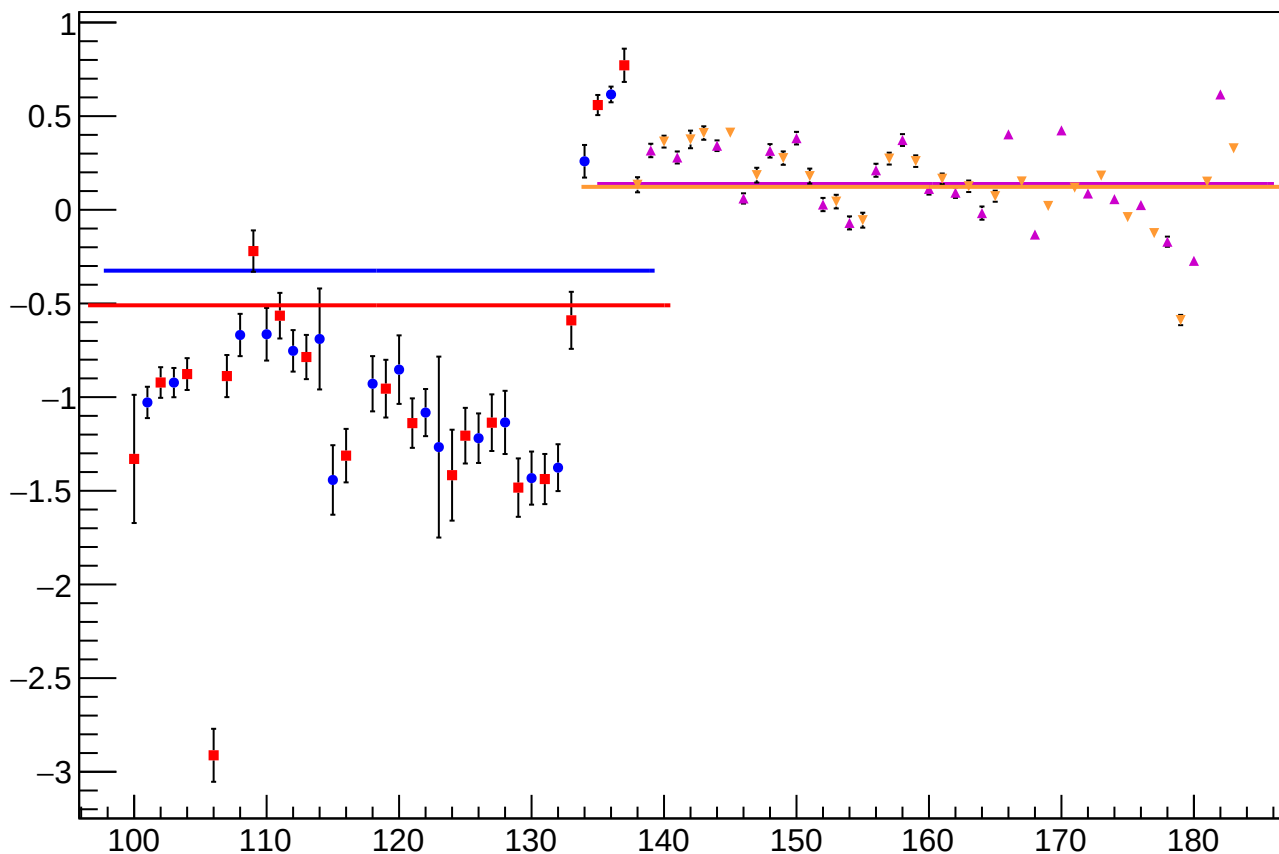
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 36.458 $\pm$ 0.121 χ^2 /NDF:6057.9/38

Out: 36.560 $\pm$ 0.120 χ^2 /NDF:6479.6/42

All: 36.509 $\pm$ 0.085 χ^2 /NDF: 12537.8/81

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.325 ± 0.025 χ^2/NDF : 1011.7/16

Left Out: 0.122 ± 0.006 χ^2/NDF : 1337.8/23

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.138 ± 0.006 χ^2/NDF : 1616.4/21

Left: 0.130 ± 0.004 χ^2/NDF : 2957.7/45

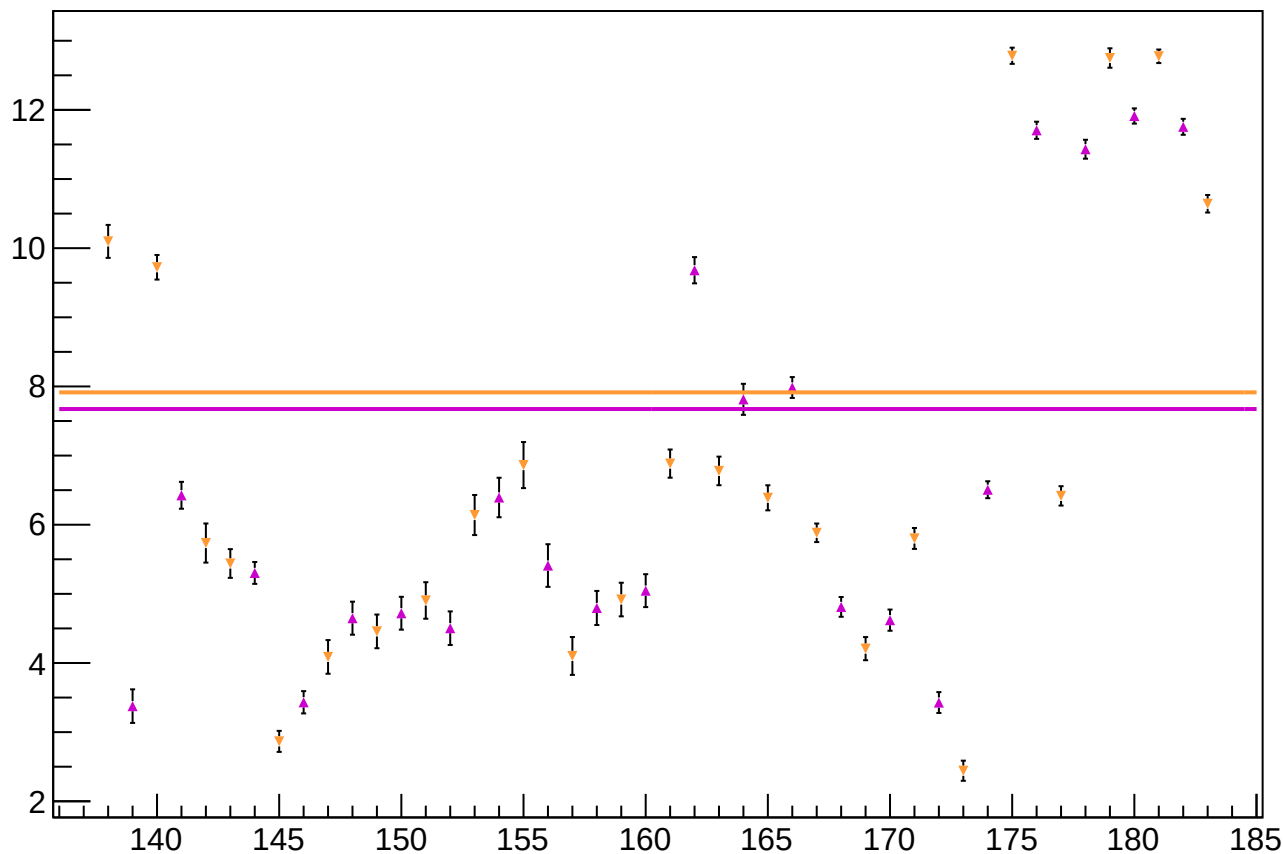
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.114 ± 0.006 χ^2/NDF : 2955.2/38

Out: 0.093 ± 0.006 χ^2/NDF : 3084.0/42

All: 0.103 ± 0.004 χ^2/NDF : 6046.6/81

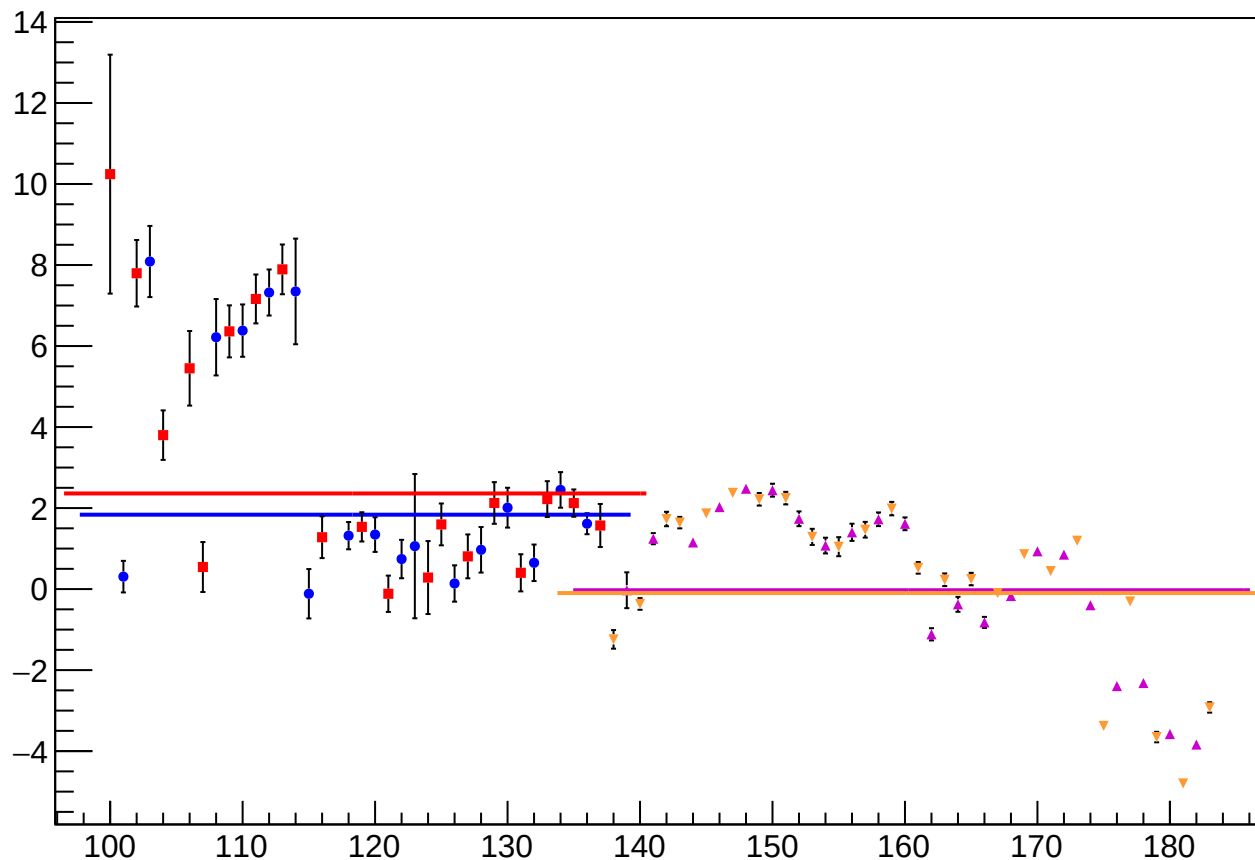
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.915+/-0.035 χ^2/NDF :10861.1/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.673+/-0.035 χ^2/NDF :8425.1/21

Left: 7.796+/-0.025 χ^2/NDF : 19309.9/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.673+/-0.035 χ^2/NDF :8425.1/21
 Out: 7.915+/-0.035 χ^2/NDF :10861.1/23
 All: 7.796+/-0.025 χ^2/NDF : 19309.9/45

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 $\chi^2/\text{NDF}: 294.1/16$

Left Out: -0.098 ± 0.028 $\chi^2/\text{NDF}: 5974.4/23$

Right Out: 2.361 ± 0.122 $\chi^2/\text{NDF}: 336.9/18$

Left In: -0.028 ± 0.028 $\chi^2/\text{NDF}: 4804.3/21$

Left: -0.063 ± 0.020 $\chi^2/\text{NDF}: 10781.8/45$

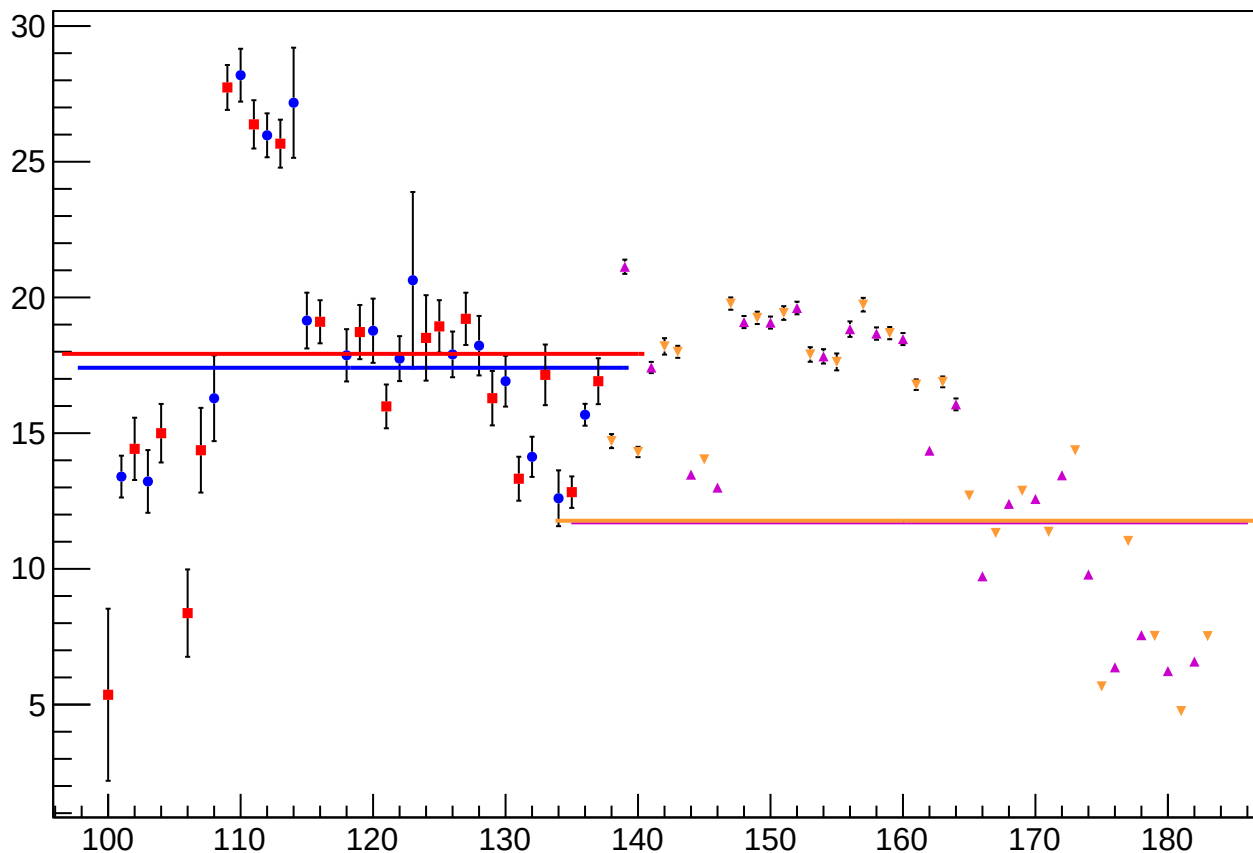
Right: 2.085 ± 0.084 $\chi^2/\text{NDF}: 640.7/35$

In: 0.077 ± 0.028 $\chi^2/\text{NDF}: 5341.5/38$

Out: 0.025 ± 0.027 $\chi^2/\text{NDF}: 6694.6/42$

All: 0.051 ± 0.019 $\chi^2/\text{NDF}: 12037.9/81$

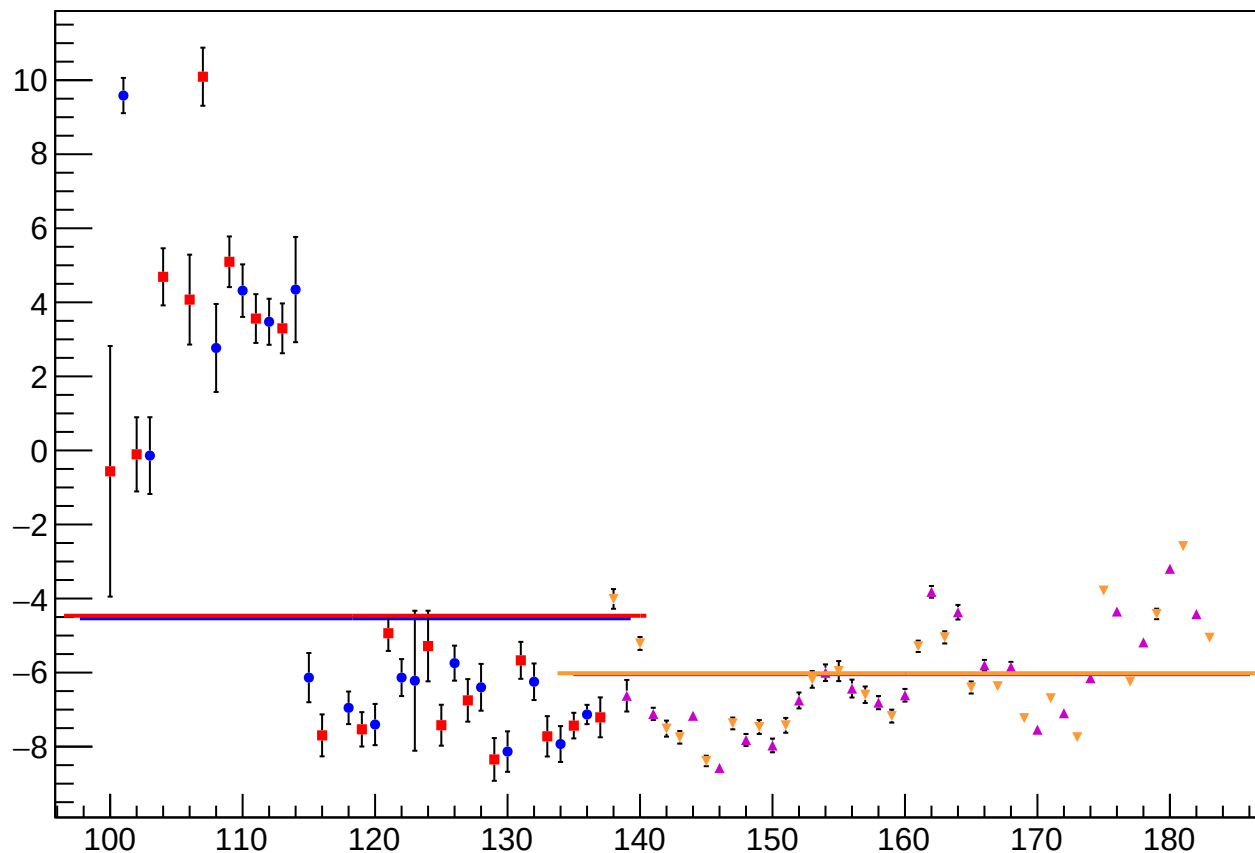
reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16
 Left Out: 11.773 $\pm$ 0.035 χ^2 /NDF:18929.8/23
 Right Out: 17.922 $\pm$ 0.219 χ^2 /NDF: 506.5/18
 Left In: 11.714 $\pm$ 0.035 χ^2 /NDF:16896.9/21

Left: 11.744 $\pm$ 0.025 χ^2 /NDF: 35828.2/45
 Right: 17.657 $\pm$ 0.152 χ^2 /NDF: 874.4/35
 In: 11.869 $\pm$ 0.035 χ^2 /NDF:17964.4/38
 Out: 11.927 $\pm$ 0.035 χ^2 /NDF:20206.4/42
 All: 11.898 $\pm$ 0.025 χ^2 /NDF: 38172.2/81

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -6.017 ± 0.031 χ^2/NDF : 2547.3/23

Right Out: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -6.042 ± 0.032 χ^2/NDF : 2300.4/21

Left: -6.030 ± 0.022 χ^2/NDF : 4847.9/45

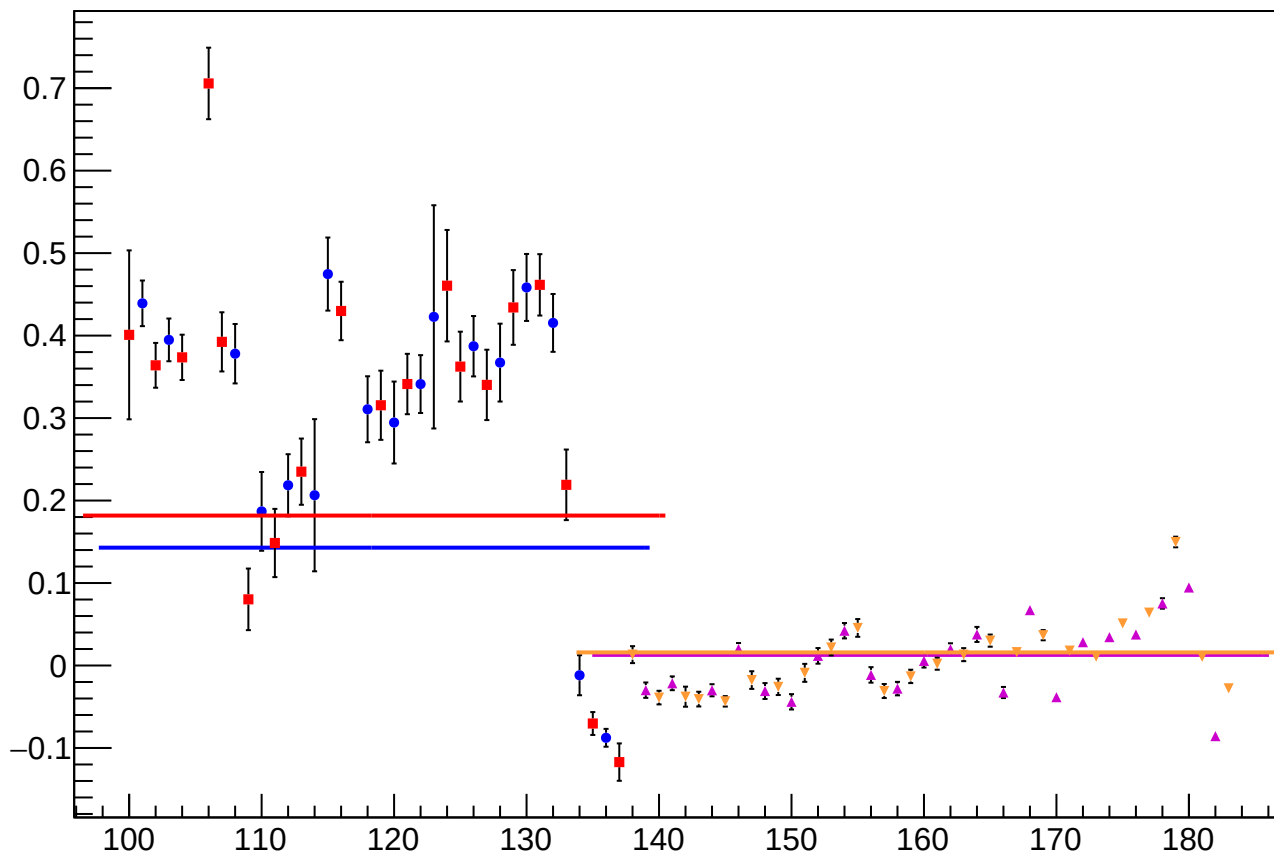
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -5.956 ± 0.031 χ^2/NDF : 4016.4/38

Out: -5.939 ± 0.031 χ^2/NDF : 4010.2/42

All: -5.948 ± 0.022 χ^2/NDF : 8026.8/81

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1058.9/16

Left Out: 0.016 $\pm$ 0.001 χ^2 /NDF:901.4/23

Right Out: 0.182 $\pm$ 0.007 χ^2 /NDF: 1008.3/18

Left In: 0.013 $\pm$ 0.001 χ^2 /NDF:1064.3/21

Left: 0.014 $\pm$ 0.001 χ^2 /NDF: 1968.0/45

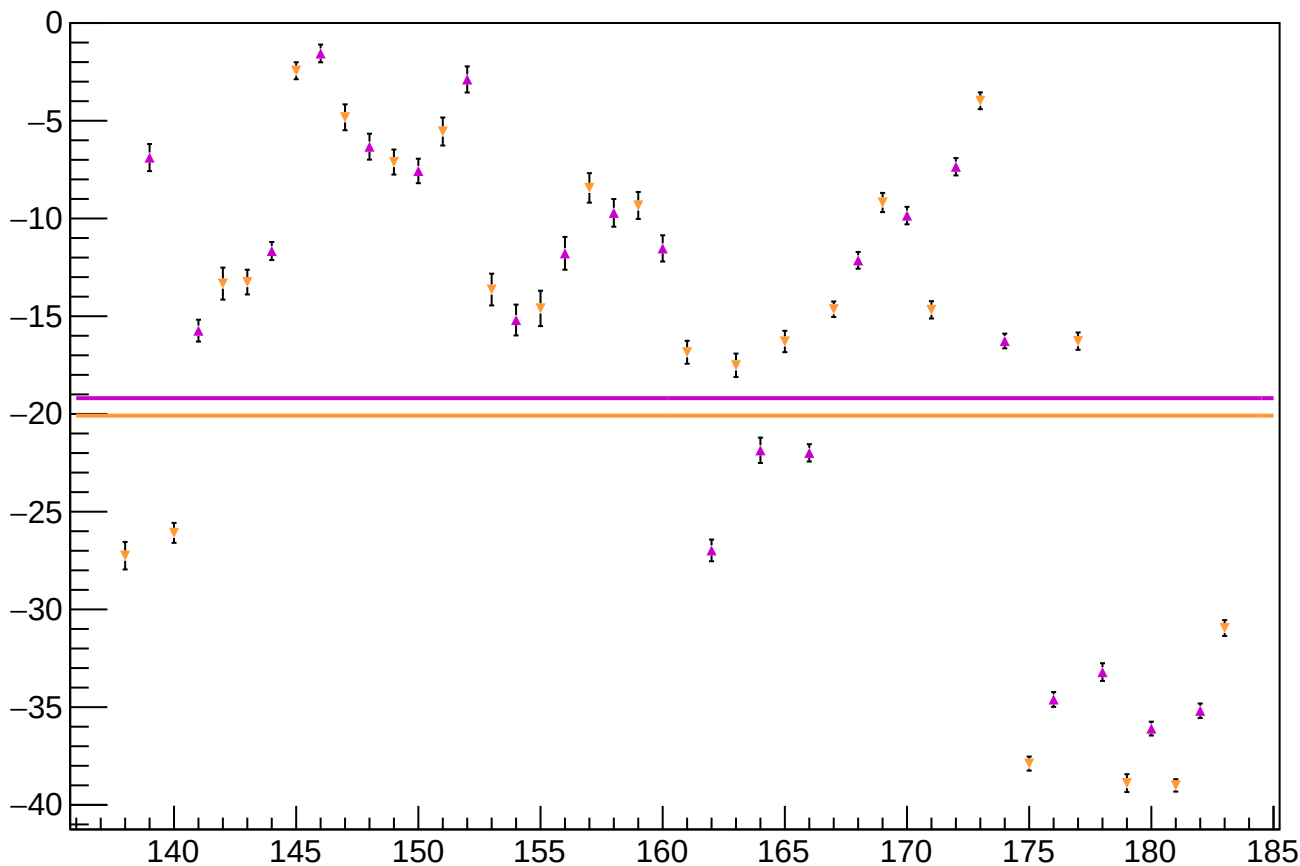
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2081.6/35

In: 0.018 $\pm$ 0.001 χ^2 /NDF:2449.0/38

Out: 0.022 $\pm$ 0.001 χ^2 /NDF:2395.9/42

All: 0.020 $\pm$ 0.001 χ^2 /NDF: 4848.5/81

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: -20.086+/-0.104 χ^2/NDF :14809.8/23

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

Left In: -19.194+/-0.106 χ^2/NDF :12314.5/21

Left: -19.646+/-0.074 χ^2/NDF : 27160.3/45

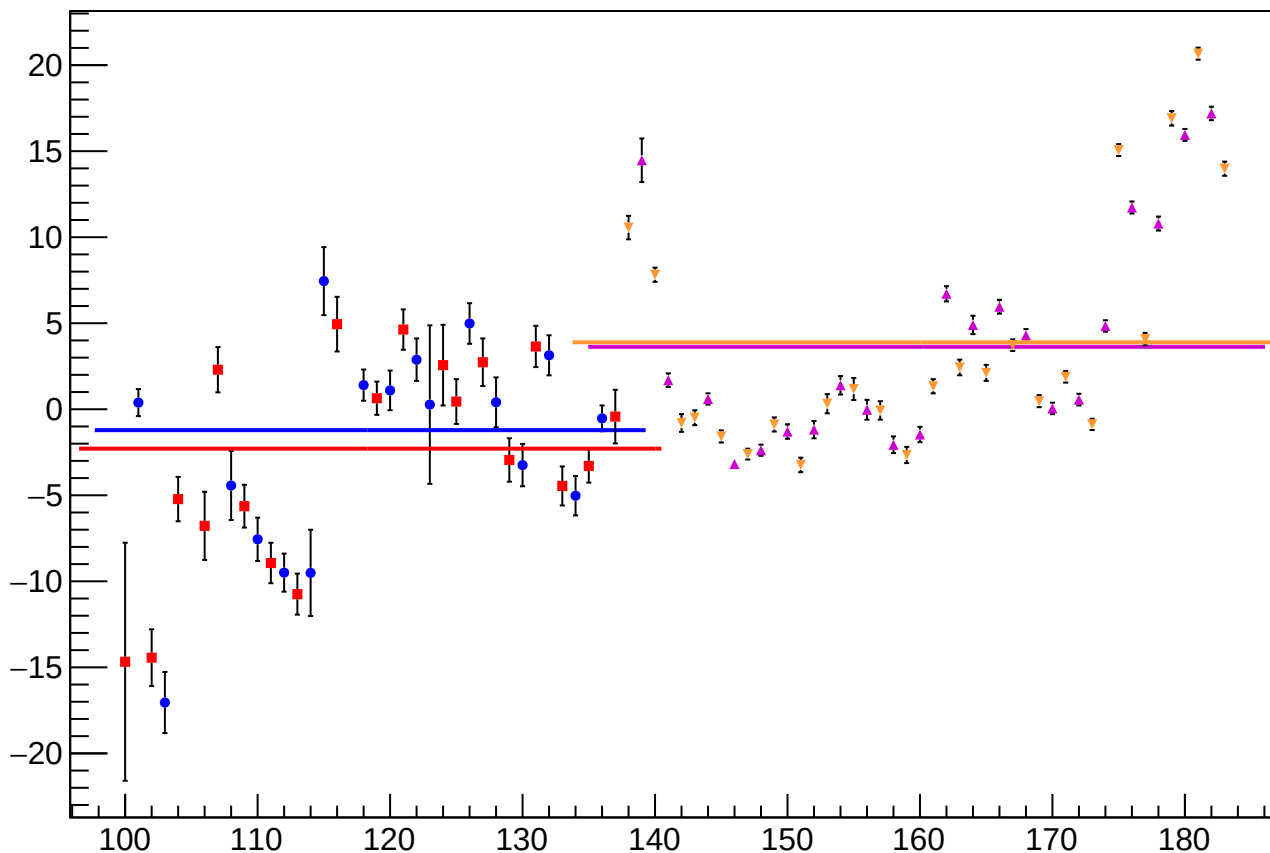
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.194+/-0.106 χ^2/NDF :12314.5/21

Out: -20.086+/-0.104 χ^2/NDF :14809.8/23

All: -19.646+/-0.074 χ^2/NDF : 27160.3/45

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 χ^2/NDF : 278.7/16

Left Out: 3.894 ± 0.083 χ^2/NDF : 7059.1/23

Right Out: -2.290 ± 0.302 χ^2/NDF : 287.1/18

Left In: 3.630 ± 0.084 χ^2/NDF : 5271.2/21

Left: 3.764 ± 0.059 χ^2/NDF : 12335.2/45

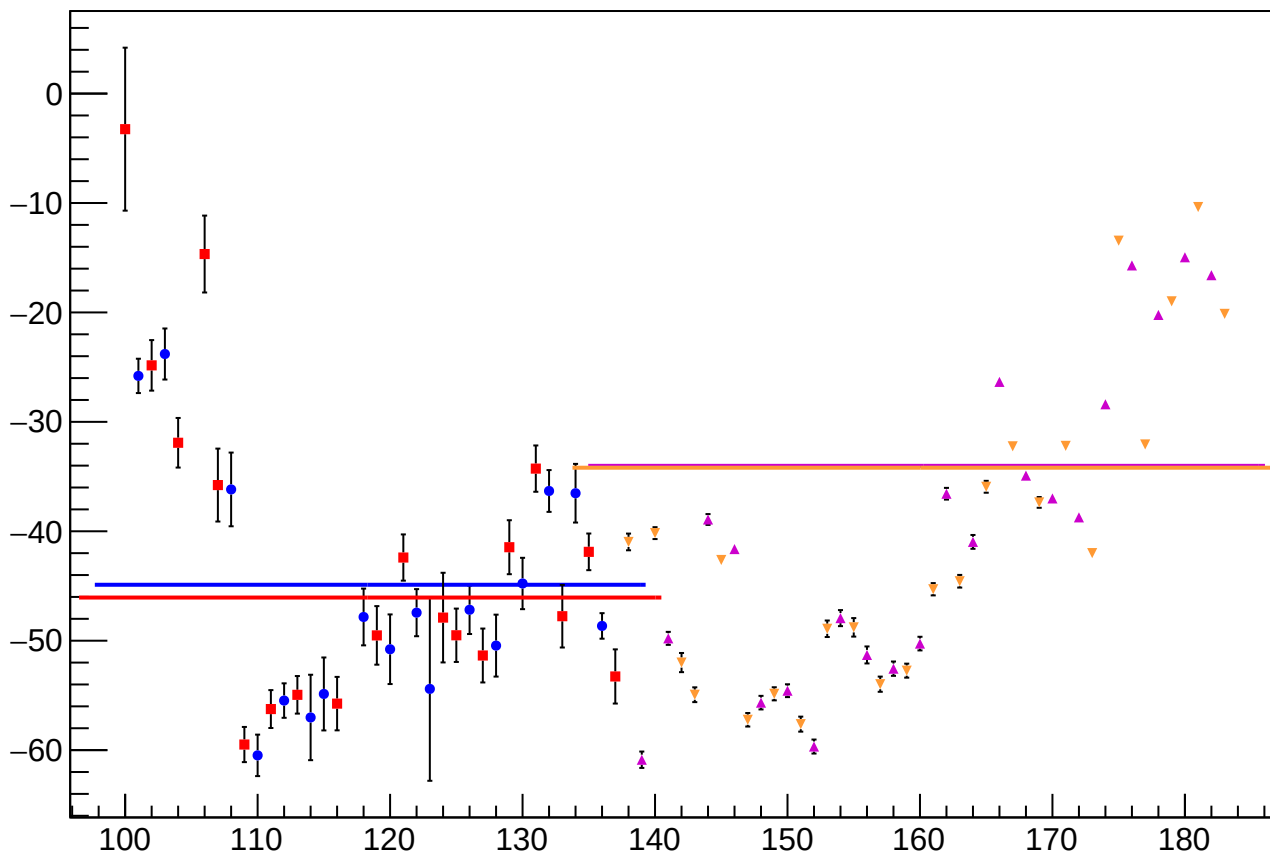
Right: -1.731 ± 0.209 χ^2/NDF : 572.4/35

In: 3.256 ± 0.081 χ^2/NDF : 5806.8/38

Out: 3.462 ± 0.080 χ^2/NDF : 7735.8/42

All: 3.360 ± 0.057 χ^2/NDF : 13545.9/81

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 χ^2/NDF : 420.4/16

Left Out: -34.191 ± 0.105 χ^2/NDF : 19861.2/23

Right Out: -46.056 ± 0.528 χ^2/NDF : 453.7/18

Left In: -34.020 ± 0.106 χ^2/NDF : 17832.3/21

Left: -34.106 ± 0.075 χ^2/NDF : 37694.8/45

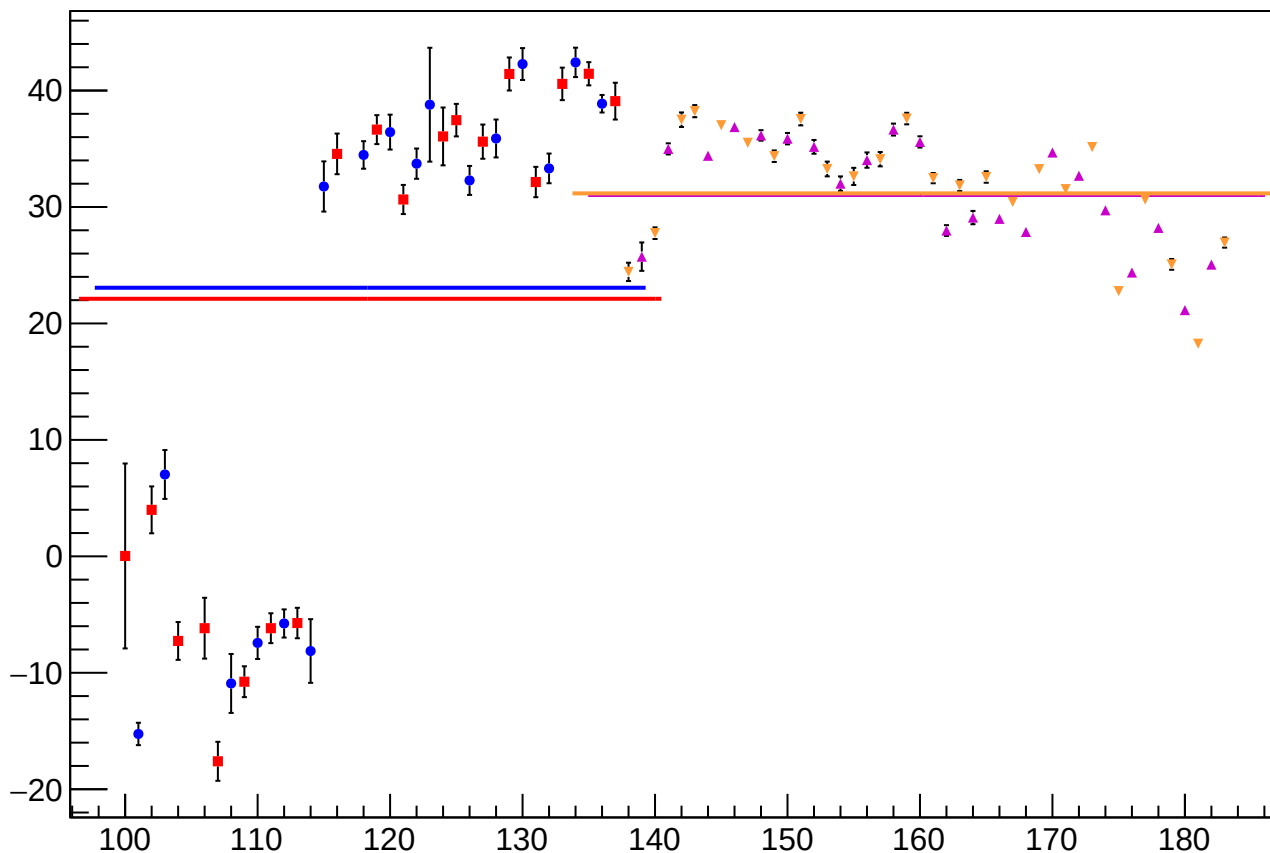
Right: -45.467 ± 0.372 χ^2/NDF : 876.6/35

In: -34.448 ± 0.104 χ^2/NDF : 18667.0/38

Out: -34.642 ± 0.103 χ^2/NDF : 20800.3/42

All: -34.546 ± 0.073 χ^2/NDF : 39469.1/81

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 31.170 $\pm$ 0.093 χ^2 /NDF:3266.9/23

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 31.031 $\pm$ 0.095 χ^2 /NDF:2488.1/21

Left: 31.102 $\pm$ 0.066 χ^2 /NDF: 5756.1/45

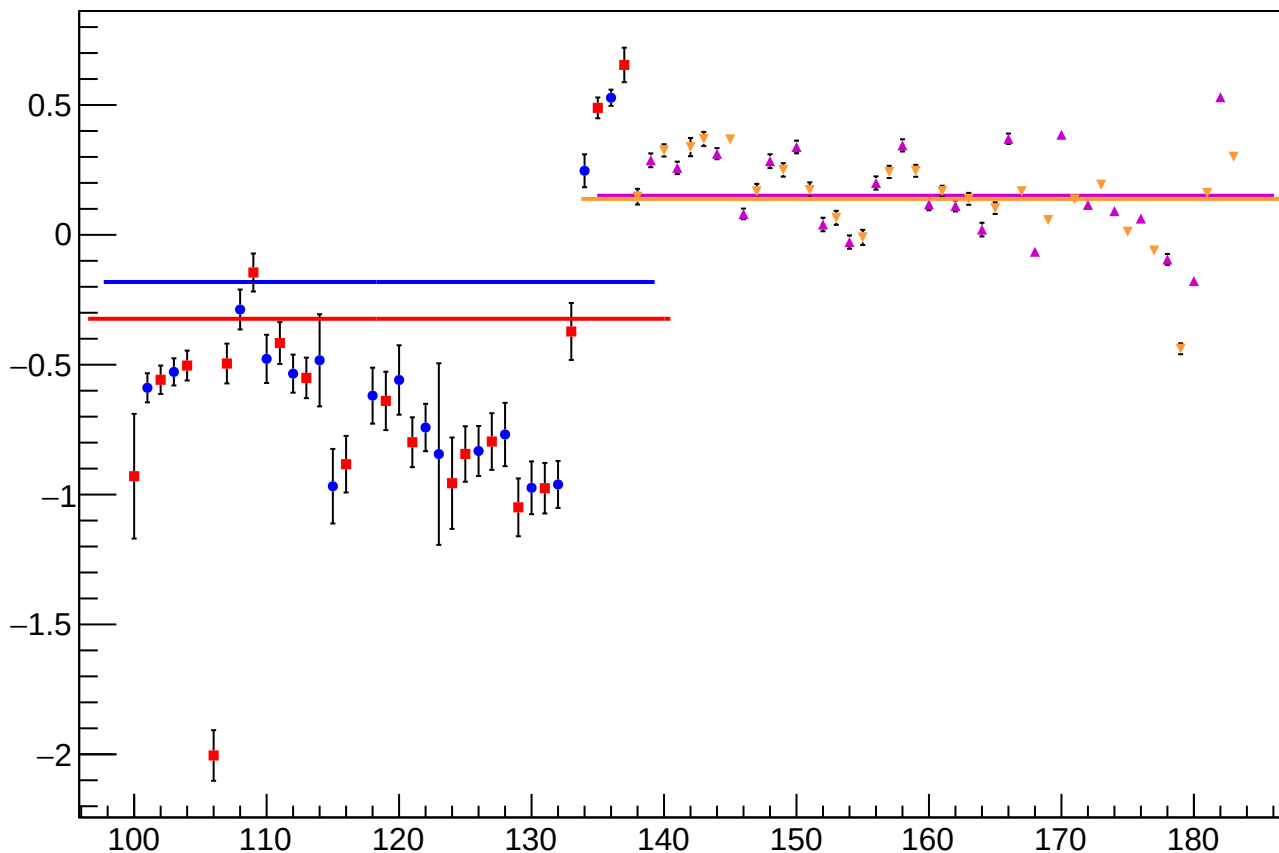
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 30.415 $\pm$ 0.091 χ^2 /NDF:7370.6/38

Out: 30.536 $\pm$ 0.090 χ^2 /NDF:7960.4/42

All: 30.476 $\pm$ 0.064 χ^2 /NDF: 15331.9/81

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 ± 0.018 χ^2/NDF : 996.9/16

Left Out: 0.139 ± 0.004 χ^2/NDF : 1480.1/23

Right Out: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

Left In: 0.151 ± 0.004 χ^2/NDF : 1813.4/21

Left: 0.145 ± 0.003 χ^2/NDF : 3297.5/45

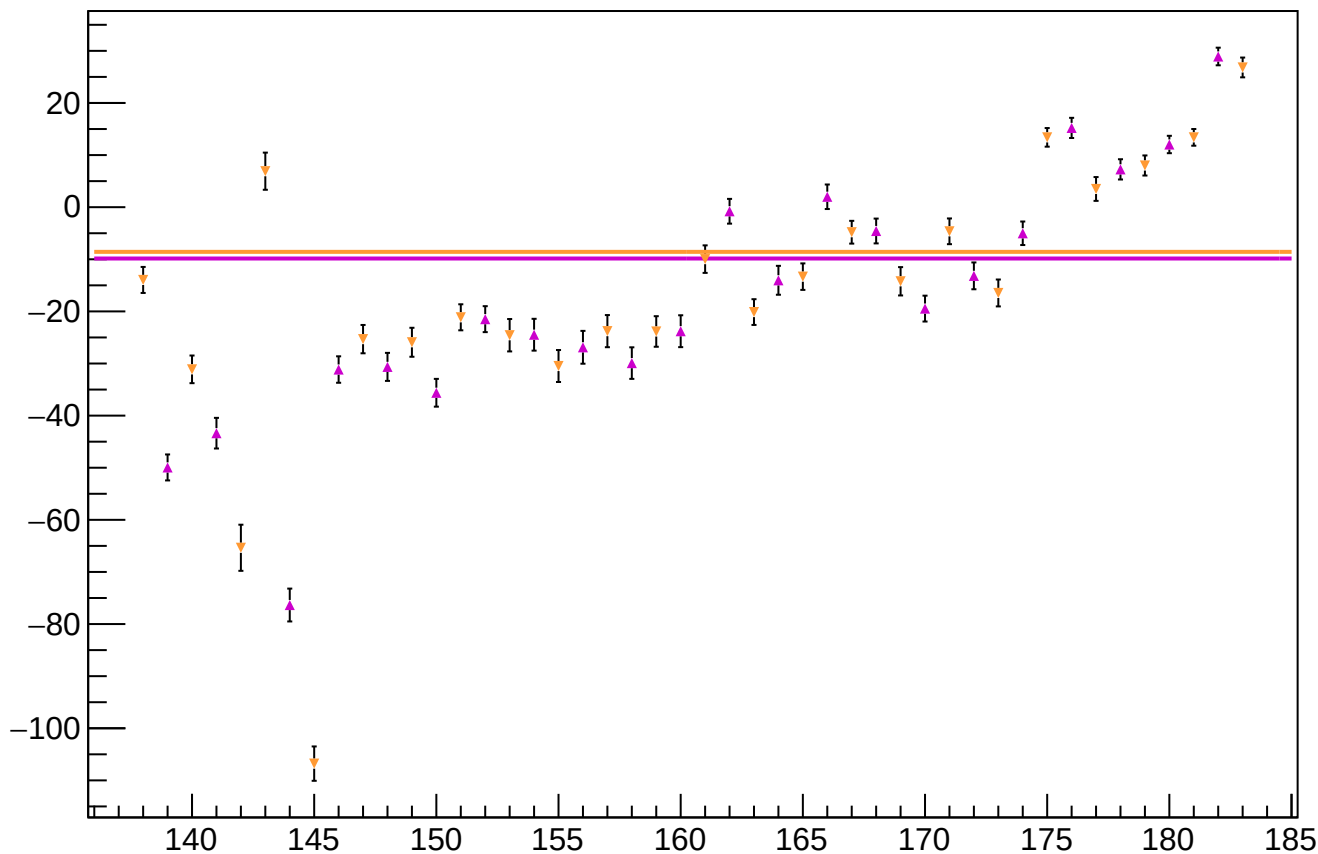
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.132 ± 0.004 χ^2/NDF : 3141.2/38

Out: 0.114 ± 0.004 χ^2/NDF : 3276.0/42

All: 0.123 ± 0.003 χ^2/NDF : 6426.3/81

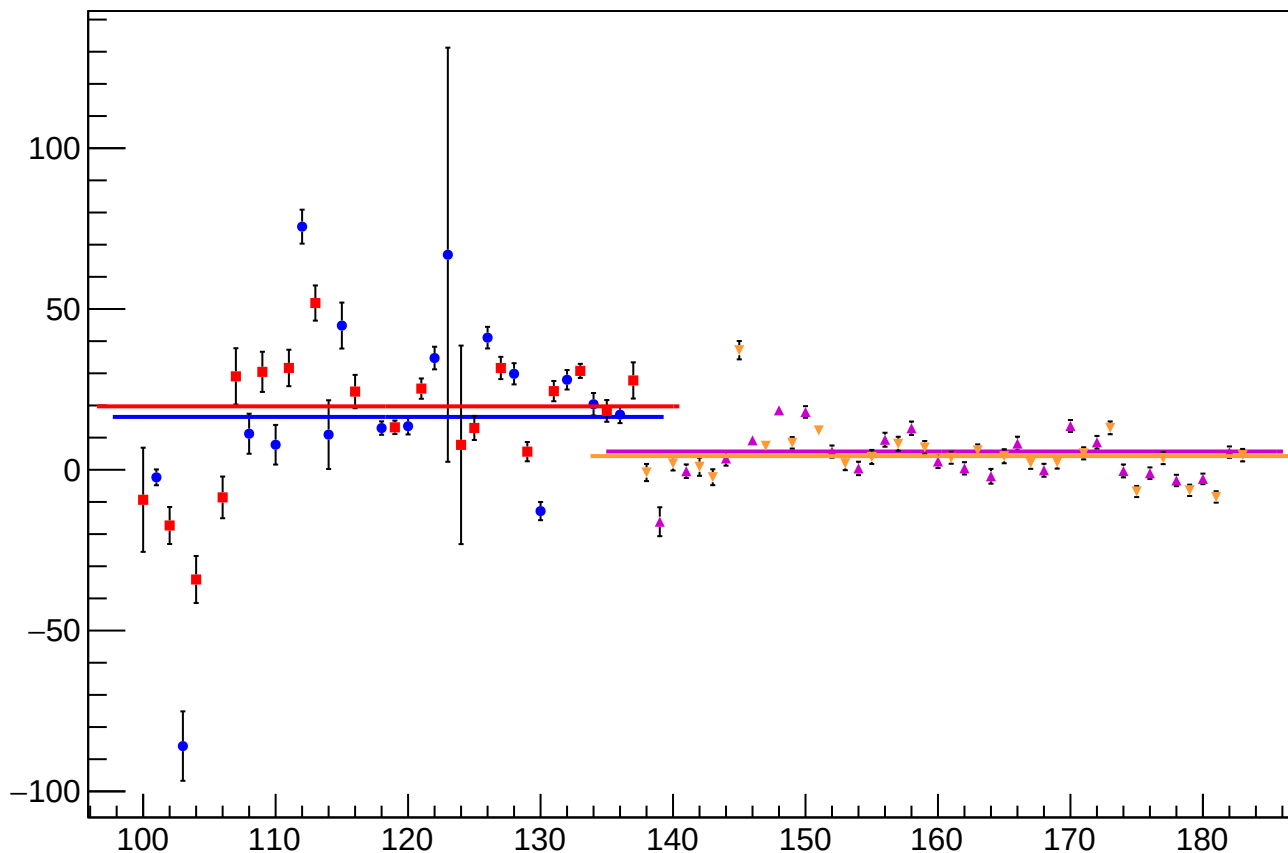
reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -8.572 $\pm$ 0.504 χ^2 /NDF:2212.0/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -9.851 $\pm$ 0.512 χ^2 /NDF:2207.0/21

Left: -9.201 $\pm$ 0.359 χ^2 /NDF: 4422.2/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -9.851 $\pm$ 0.512 χ^2 /NDF:2207.0/21
 Out: -8.572 $\pm$ 0.504 χ^2 /NDF:2212.0/23
 All: -9.201 $\pm$ 0.359 χ^2 /NDF: 4422.2/45

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 $\pm$ 0.849 χ^2 /NDF: 516.9/16

Left Out: 4.246 $\pm$ 0.395 χ^2 /NDF: 346.1/23

Right Out: 19.724 $\pm$ 0.898 χ^2 /NDF: 241.7/18

Left In: 5.687 $\pm$ 0.407 χ^2 /NDF: 329.1/21

Left: 4.944 $\pm$ 0.283 χ^2 /NDF: 681.6/45

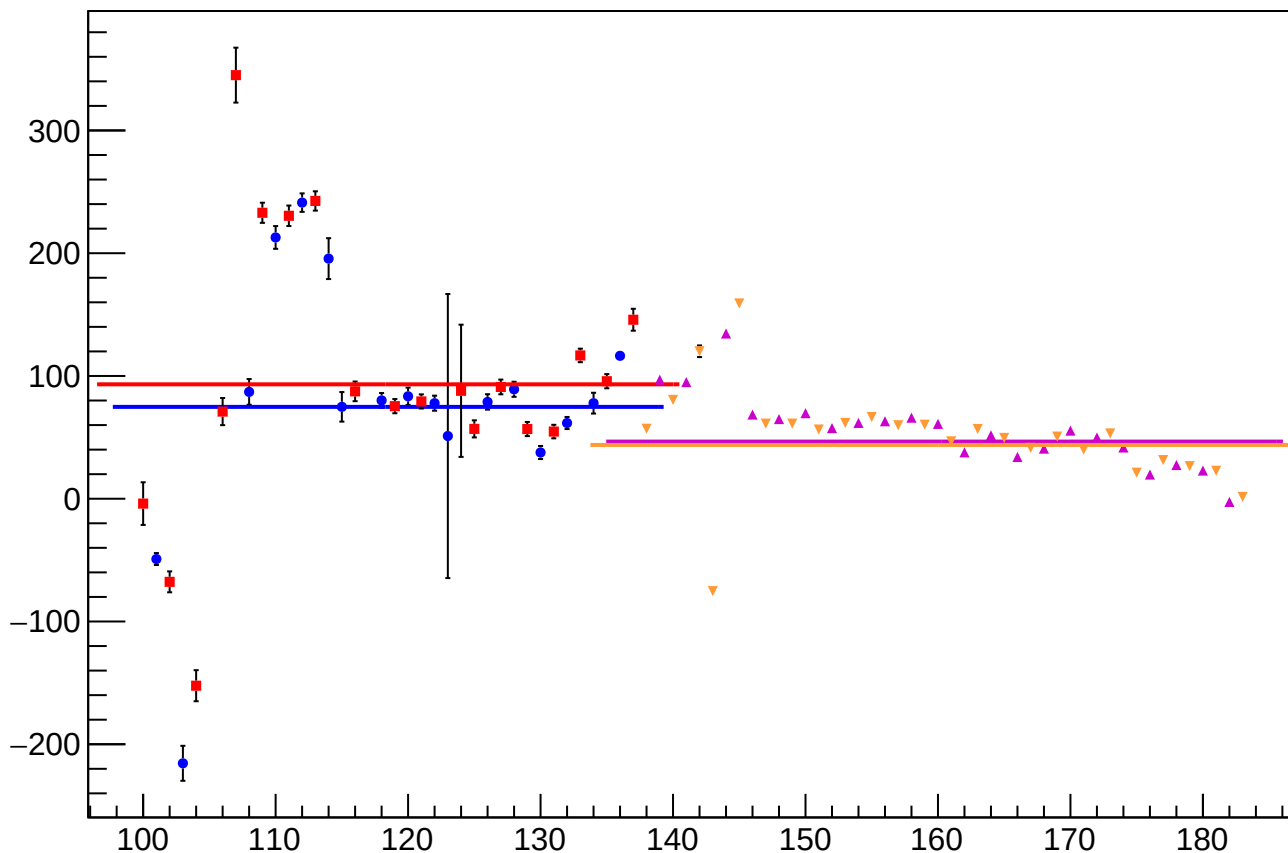
Right: 17.989 $\pm$ 0.617 χ^2 /NDF: 765.7/35

In: 7.696 $\pm$ 0.367 χ^2 /NDF: 976.6/38

Out: 6.751 $\pm$ 0.361 χ^2 /NDF: 836.9/42

All: 7.217 $\pm$ 0.257 χ^2 /NDF: 1816.9/81

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2/NDF : 1996.8/16

Left Out: 43.827+/-0.502 χ^2/NDF : 3806.0/23

Right Out: 93.202+/-1.712 χ^2/NDF : 2000.7/18

Left In: 46.551+/-0.509 χ^2/NDF : 3000.4/21

Left: 45.171+/-0.357 χ^2/NDF : 6820.9/45

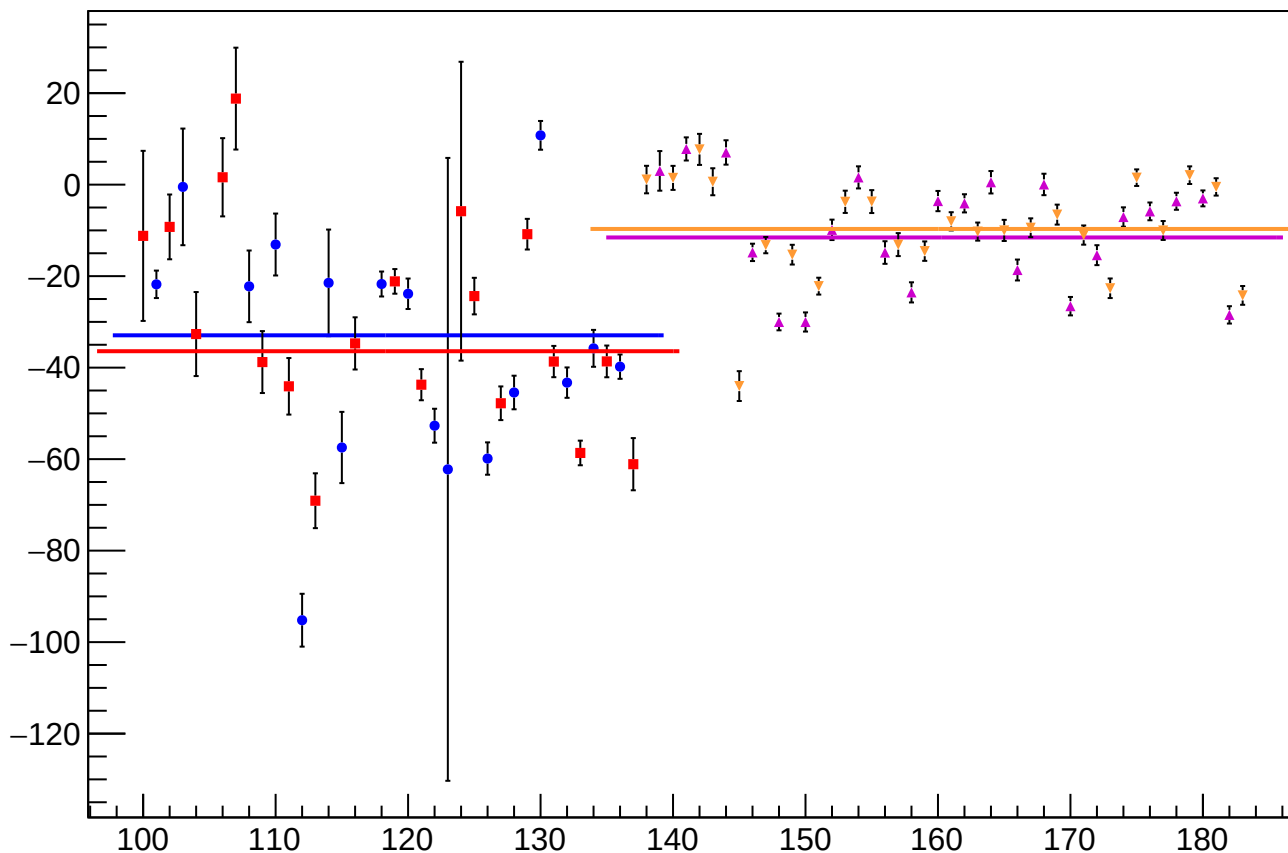
Right: 83.612+/-1.184 χ^2/NDF : 4057.7/35

In: 49.038+/-0.486 χ^2/NDF : 5268.7/38

Out: 47.739+/-0.482 χ^2/NDF : 6572.9/42

All: 48.383+/-0.342 χ^2/NDF : 11845.2/81

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -9.684 ± 0.447 χ^2/NDF : 444.9/23

Right Out: -36.411 ± 1.025 χ^2/NDF : 295.1/18

Left In: -11.545 ± 0.459 χ^2/NDF : 642.3/21

Left: -10.590 ± 0.320 χ^2/NDF : 1095.6/45

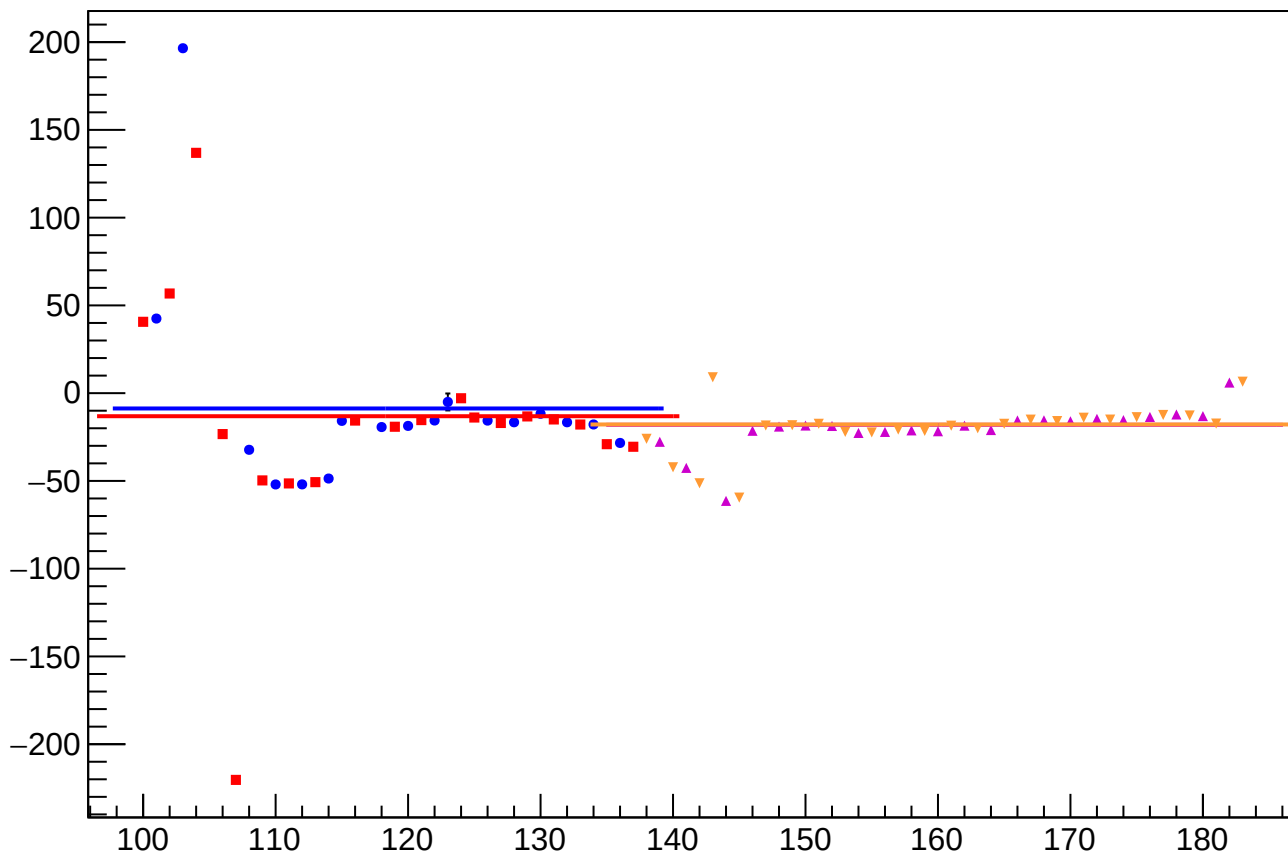
Right: -34.583 ± 0.706 χ^2/NDF : 791.9/35

In: -15.441 ± 0.415 χ^2/NDF : 1528.0/38

Out: -13.960 ± 0.410 χ^2/NDF : 1311.0/42

All: -14.691 ± 0.292 χ^2/NDF : 2845.5/81

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 χ^2/NDF : 575838.7/16

Left Out: -17.835 ± 0.021 χ^2/NDF : 295697.2/23

Right Out: -13.136 ± 0.062 χ^2/NDF : 558621.9/18

Left In: -18.047 ± 0.021 χ^2/NDF : 235833.7/21

Left: -17.940 ± 0.015 χ^2/NDF : 531583.3/45

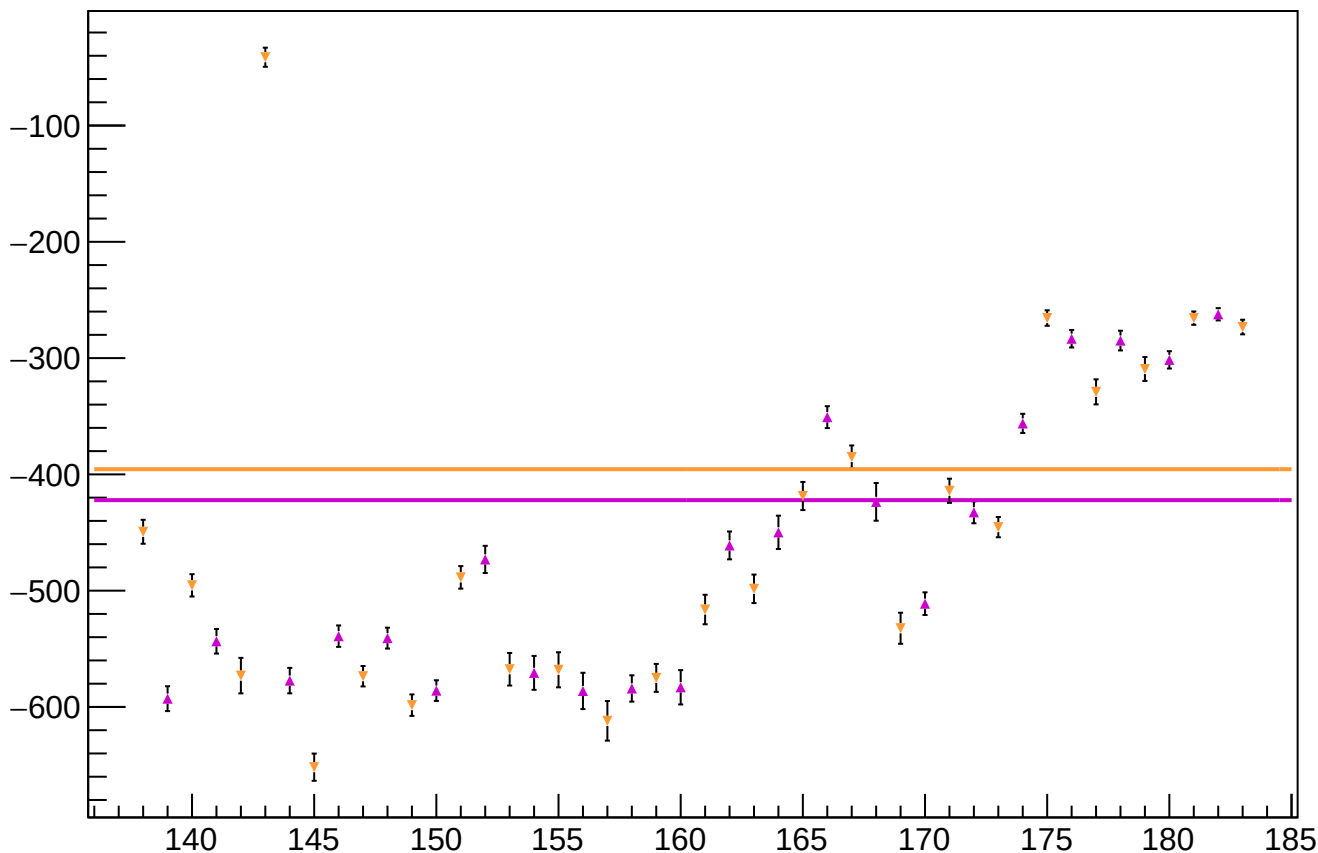
Right: -10.824 ± 0.043 χ^2/NDF : 1137135.6/35

In: -17.011 ± 0.020 χ^2/NDF : 833969.8/38

Out: -17.364 ± 0.020 χ^2/NDF : 859531.3/42

All: -17.188 ± 0.014 χ^2/NDF : 1693663.7/81

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -395.534+/-1.976 χ^2/NDF :5946.7/23

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

Left In: -422.151+/-2.041 χ^2/NDF :3814.8/21

Left: -408.411+/-1.420 χ^2/NDF : 9849.3/45

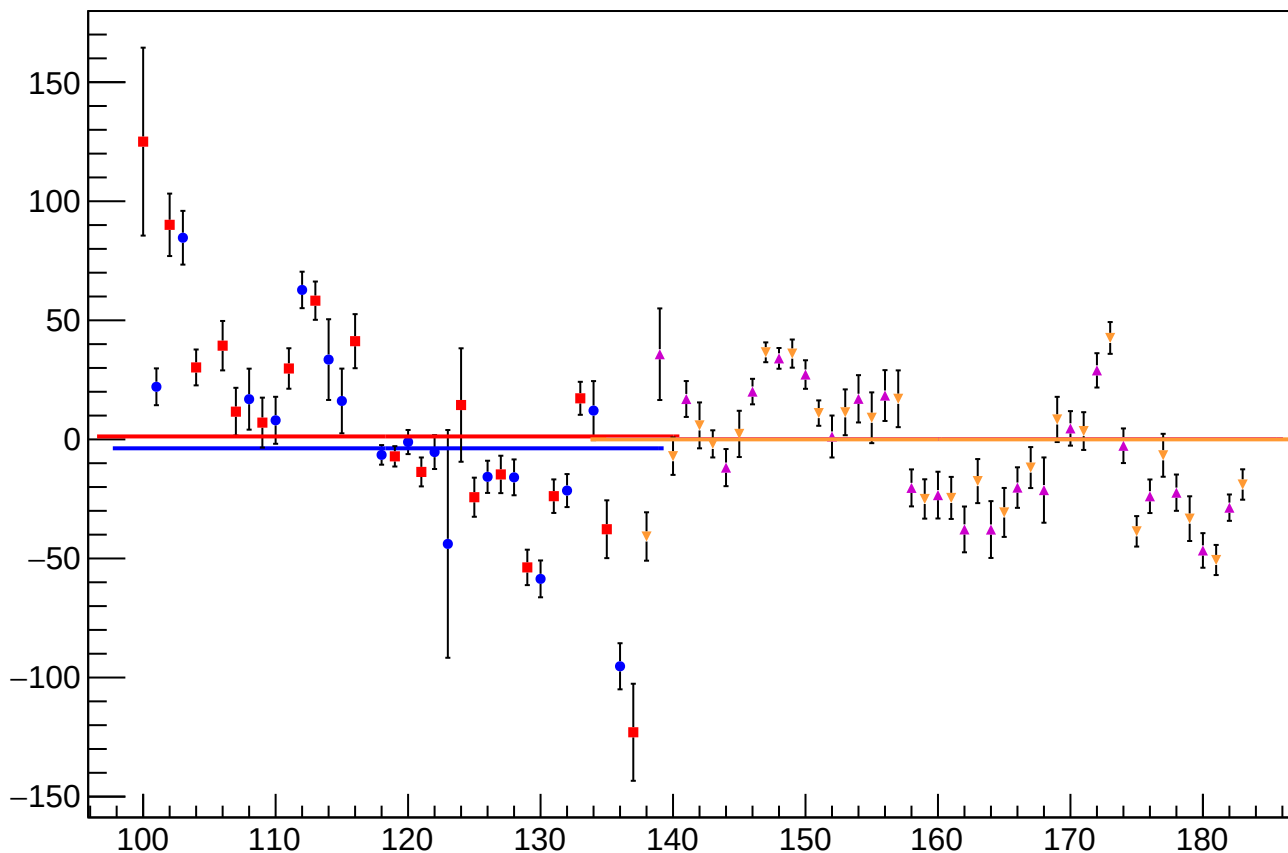
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -422.151+/-2.041 χ^2/NDF :3814.8/21

Out: -395.534+/-1.976 χ^2/NDF :5946.7/23

All: -408.411+/-1.420 χ^2/NDF : 9849.3/45

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 0.019 ± 1.516 χ^2/NDF : 335.6/23

Right Out: 1.241 ± 1.916 χ^2/NDF : 303.5/18

Left In: 0.163 ± 1.593 χ^2/NDF : 263.5/21

Left: 0.087 ± 1.098 χ^2/NDF : 599.1/45

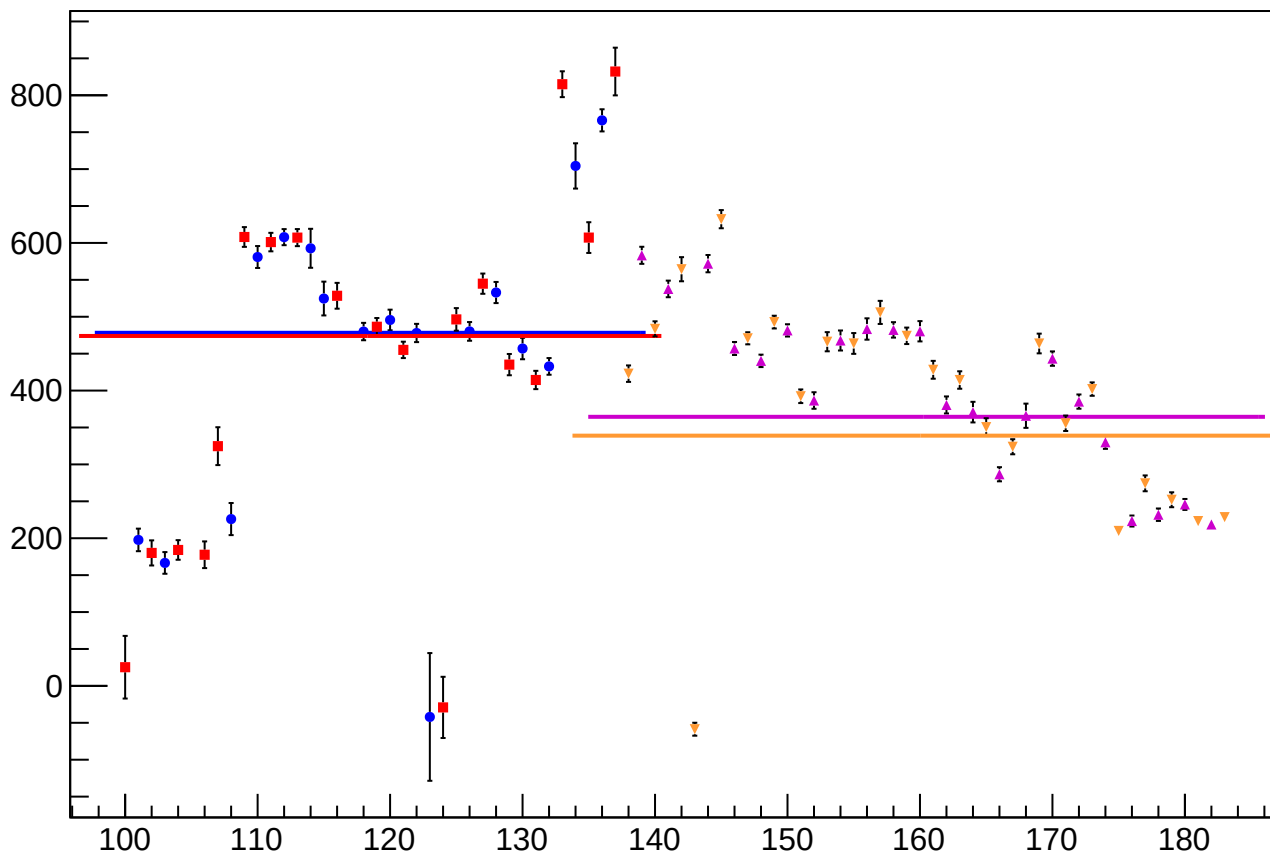
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: -1.458 ± 1.219 χ^2/NDF : 580.0/38

Out: 0.489 ± 1.189 χ^2/NDF : 639.4/42

All: -0.460 ± 0.851 χ^2/NDF : 1220.8/81

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265 $\pm$ 3.638 χ^2/NDF : 1627.9/16

Left Out: 338.942 $\pm$ 1.983 χ^2/NDF :5501.2/23

Right Out: 473.977 $\pm$ 3.529 χ^2/NDF : 2288.3/18

Left In: 364.467 $\pm$ 2.036 χ^2/NDF :3346.3/21

Left: 351.370 $\pm$ 1.421 χ^2/NDF : 8928.2/45

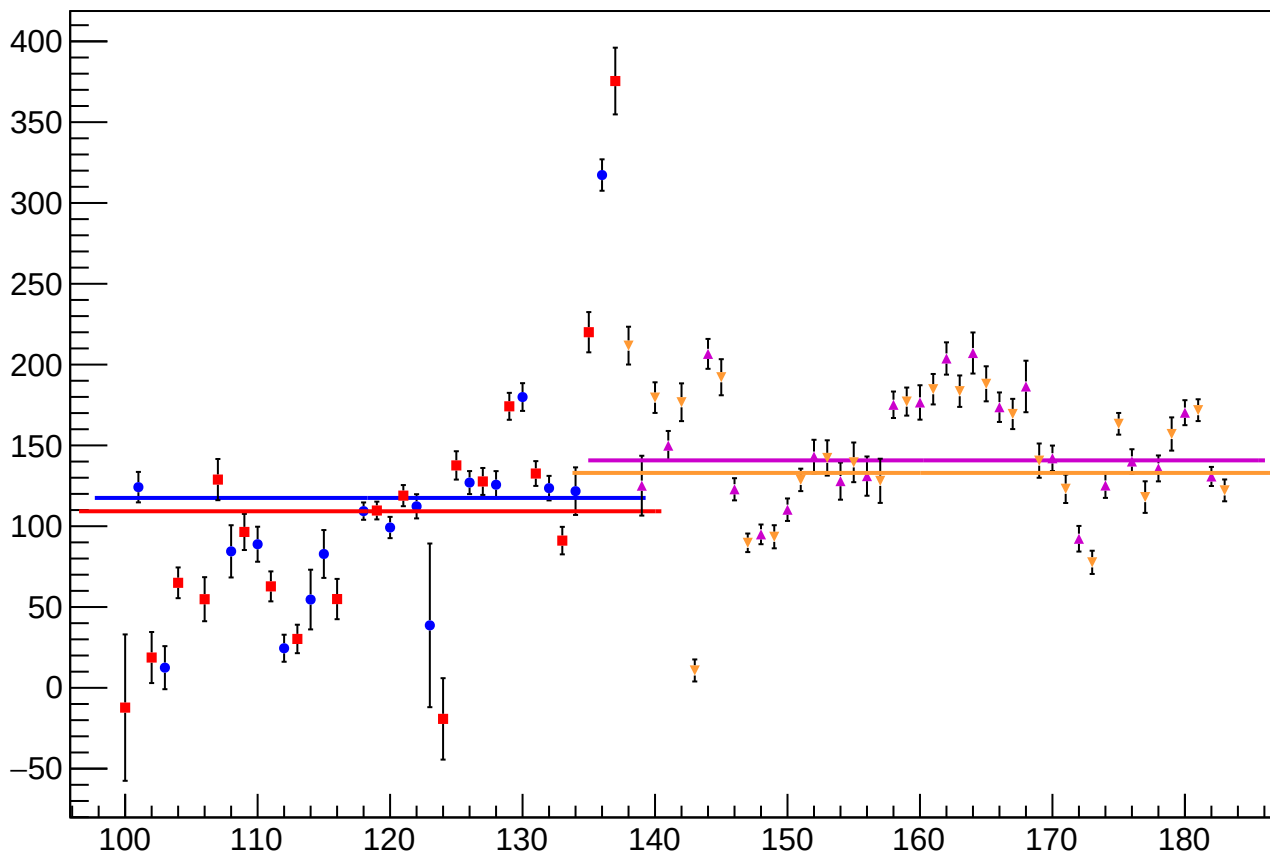
Right: 476.056 $\pm$ 2.533 χ^2/NDF : 3917.0/35

In: 391.607 $\pm$ 1.777 χ^2/NDF :5719.3/38

Out: 371.353 $\pm$ 1.729 χ^2/NDF :8902.3/42

All: 381.204 $\pm$ 1.239 χ^2/NDF : 14688.3/81

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 ± 2.198 $\chi^2/\text{NDF}: 705.9/16$

Left Out: 132.977 ± 1.745 $\chi^2/\text{NDF}: 771.2/23$

Right Out: 109.247 ± 2.206 $\chi^2/\text{NDF}: 569.4/18$

Left In: 140.740 ± 1.818 $\chi^2/\text{NDF}: 313.6/21$

Left: 136.698 ± 1.259 $\chi^2/\text{NDF}: 1094.3/45$

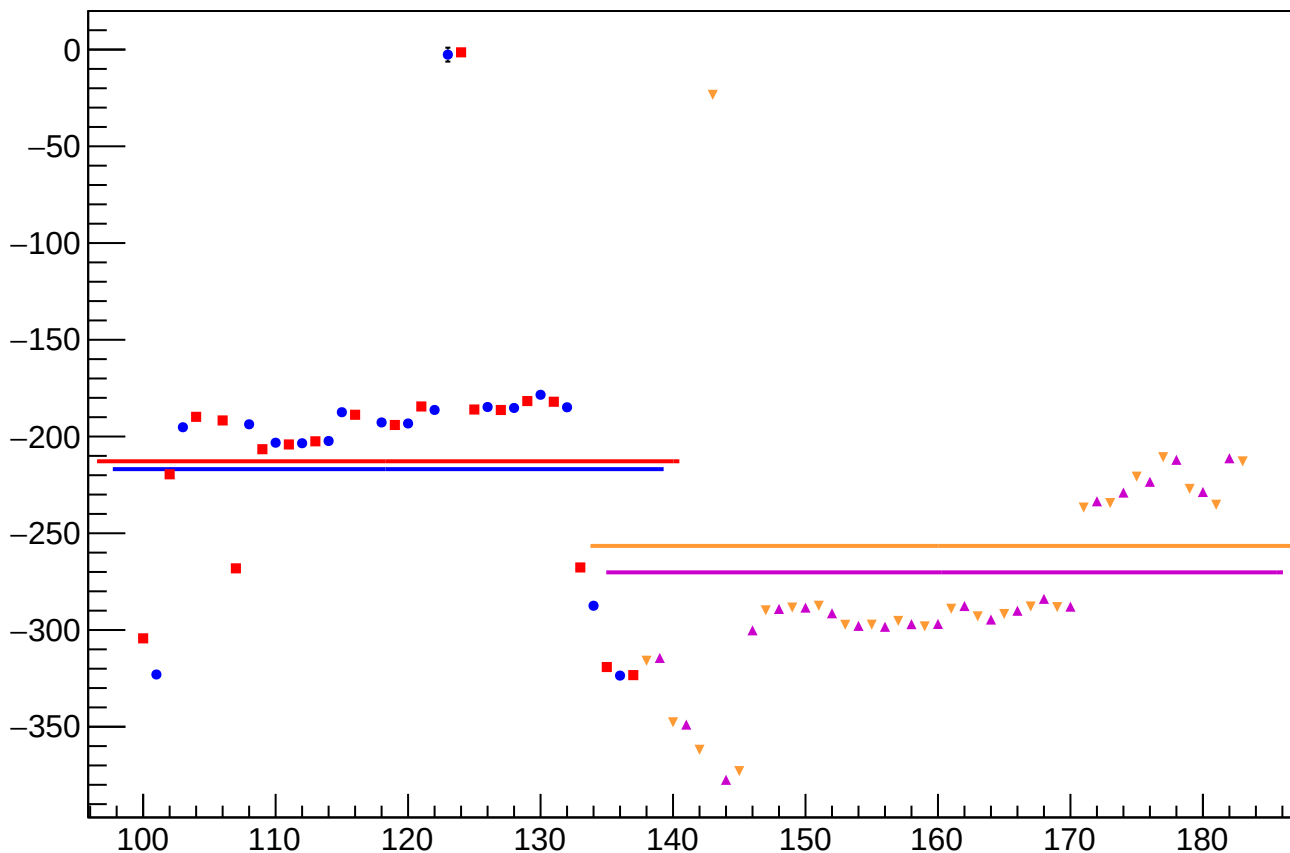
Right: 113.390 ± 1.557 $\chi^2/\text{NDF}: 1282.4/35$

In: 131.298 ± 1.401 $\chi^2/\text{NDF}: 1085.9/38$

Out: 123.845 ± 1.368 $\chi^2/\text{NDF}: 1411.9/42$

All: 127.484 ± 0.979 $\chi^2/\text{NDF}: 2512.2/81$

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855 ± 0.136 $\chi^2/\text{NDF}: 146927.1/16$

Left Out: -256.537 ± 0.083 $\chi^2/\text{NDF}: 719911.3/23$

Right Out: -212.793 ± 0.130 $\chi^2/\text{NDF}: 116590.7/18$

Left In: -270.201 ± 0.085 $\chi^2/\text{NDF}: 250682.1/21$

Left: -263.238 ± 0.059 $\chi^2/\text{NDF}: 983831.7/45$

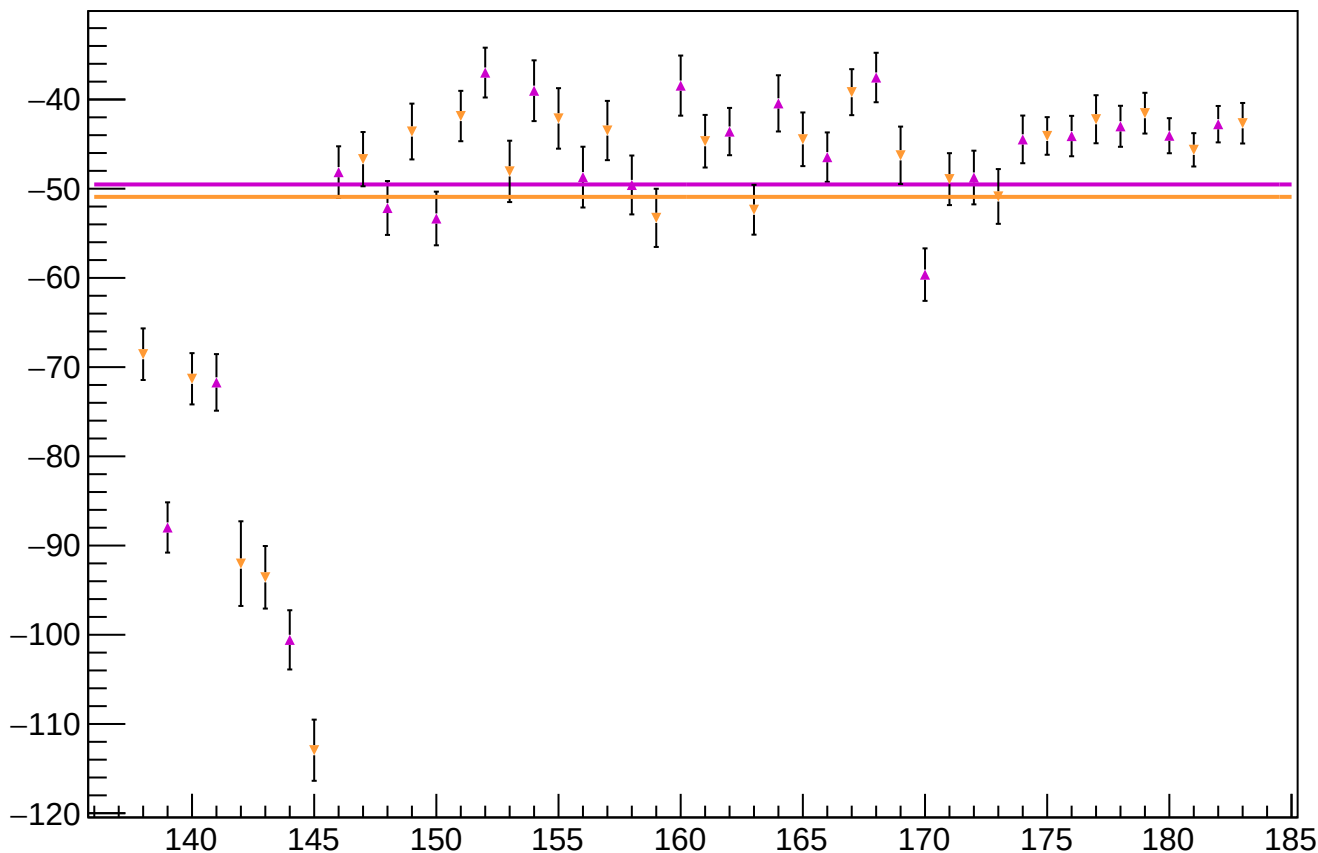
Right: -214.736 ± 0.094 $\chi^2/\text{NDF}: 263984.4/35$

In: -255.250 ± 0.072 $\chi^2/\text{NDF}: 508580.7/38$

Out: -243.843 ± 0.070 $\chi^2/\text{NDF}: 916790.3/42$

All: -249.397 ± 0.050 $\chi^2/\text{NDF}: 1438278.2/81$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



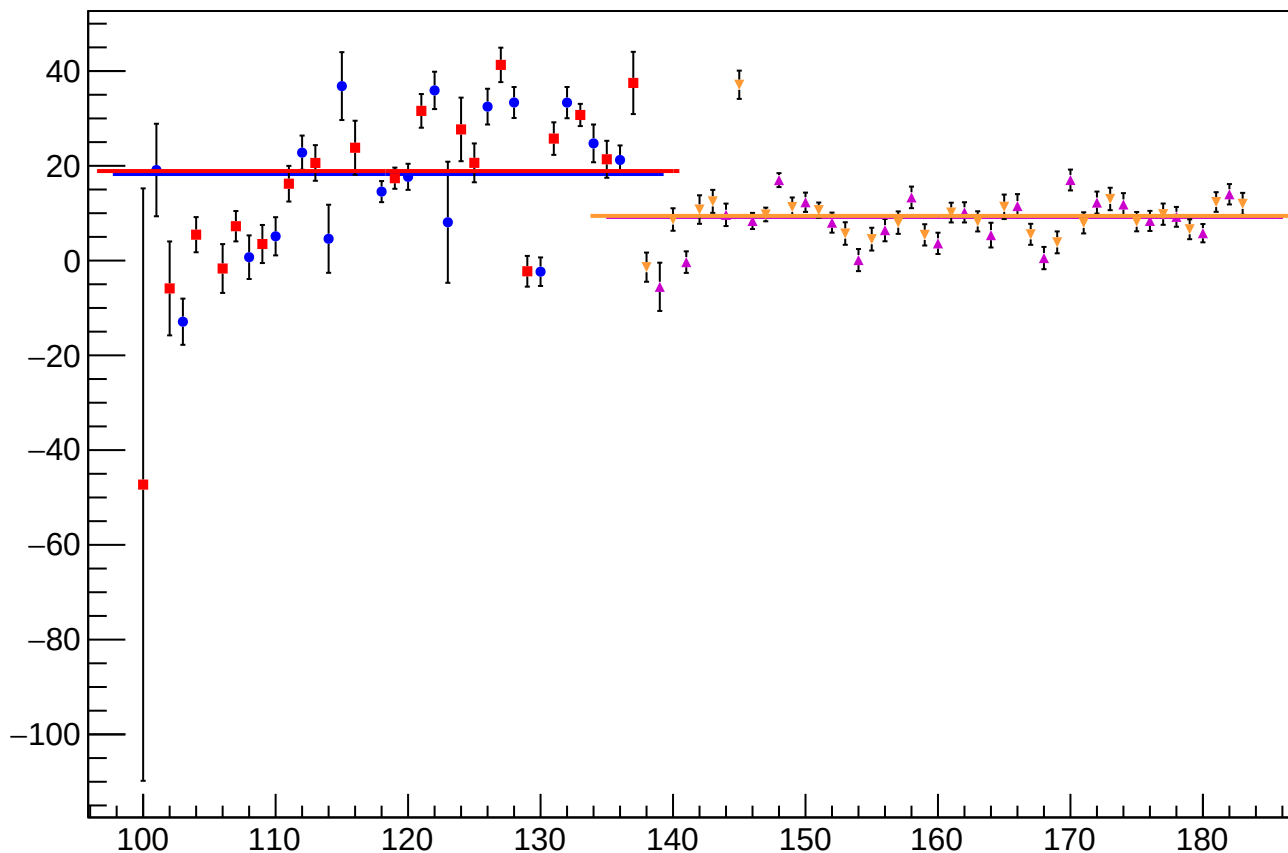
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -50.916+/-0.577 χ^2/NDF :760.1/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -49.524+/-0.588 χ^2/NDF :595.8/21

Left: -50.234+/-0.412 χ^2/NDF : 1358.7/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -49.524+/-0.588 χ^2/NDF :595.8/21
 Out: -50.916+/-0.577 χ^2/NDF :760.1/23

All: -50.234+/-0.412 χ^2/NDF : 1358.7/45

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 9.436 ± 0.448 χ^2/NDF : 130.1/23

Right Out: 18.897 ± 0.864 χ^2/NDF : 199.2/18

Left In: 9.207 ± 0.464 χ^2/NDF : 123.5/21

Left: 9.325 ± 0.322 χ^2/NDF : 253.7/45

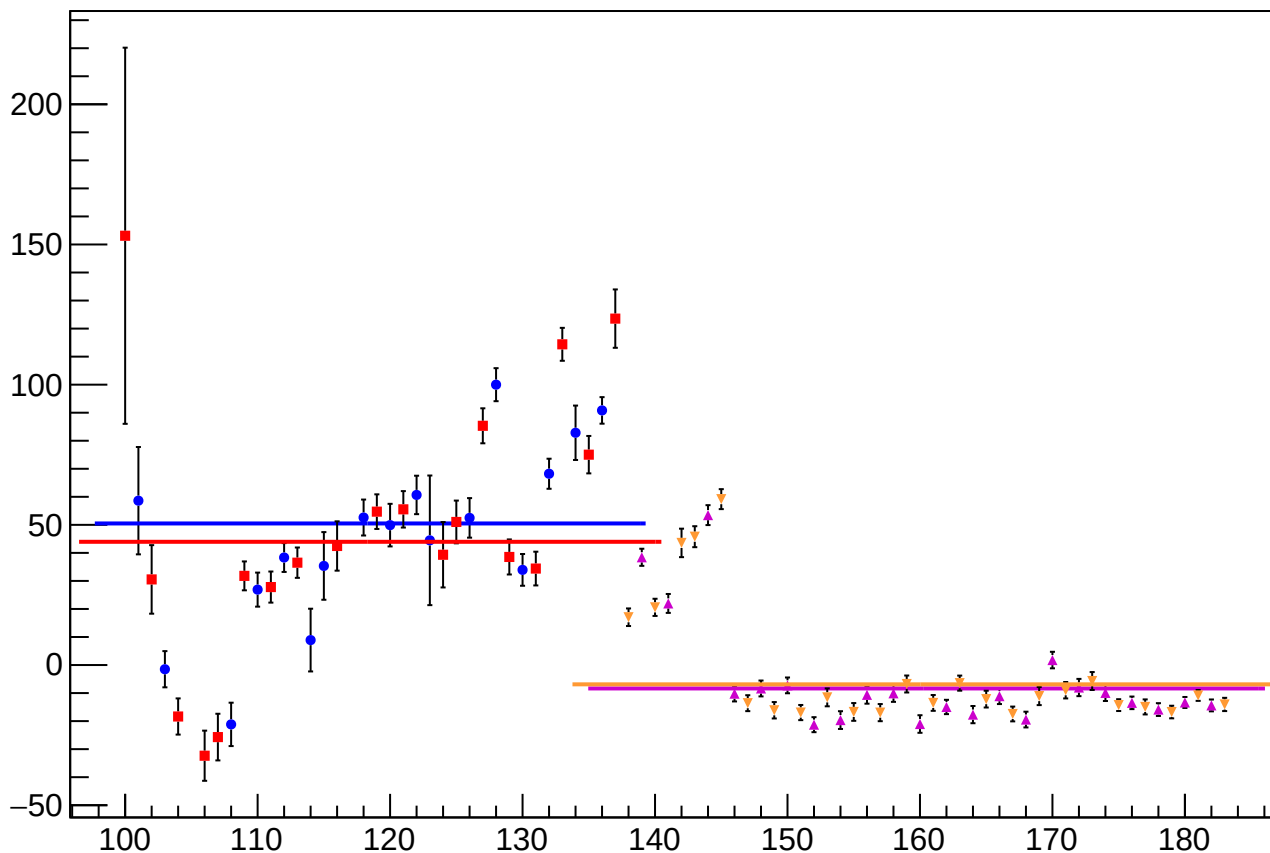
Right: 18.598 ± 0.626 χ^2/NDF : 407.8/35

In: 11.087 ± 0.413 χ^2/NDF : 411.0/38

Out: 11.443 ± 0.398 χ^2/NDF : 423.7/42

All: 11.272 ± 0.287 χ^2/NDF : 835.1/81

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 ± 1.671 $\chi^2/\text{NDF}: 363.2/16$

Left Out: -6.884 ± 0.575 $\chi^2/\text{NDF}: 913.1/23$

Right Out: 43.957 ± 1.603 $\chi^2/\text{NDF}: 534.3/18$

Left In: -8.354 ± 0.584 $\chi^2/\text{NDF}: 748.6/21$

Left: -7.608 ± 0.410 $\chi^2/\text{NDF}: 1664.9/45$

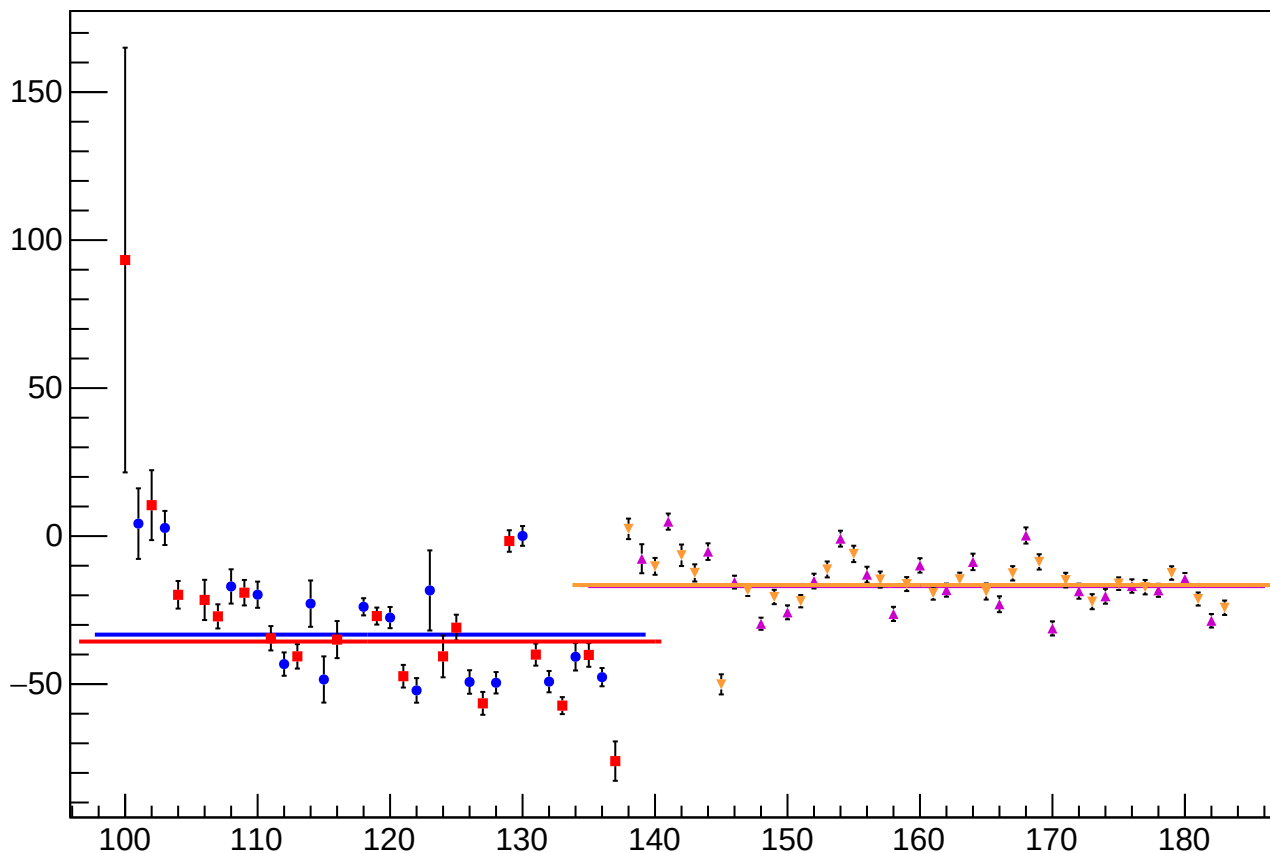
Right: 47.092 ± 1.157 $\chi^2/\text{NDF}: 905.5/35$

In: -1.950 ± 0.551 $\chi^2/\text{NDF}: 2217.4/38$

Out: -1.092 ± 0.541 $\chi^2/\text{NDF}: 2338.6/42$

All: -1.513 ± 0.386 $\chi^2/\text{NDF}: 4557.2/81$

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -16.524 ± 0.510 χ^2/NDF : 208.9/23

Right Out: -35.619 ± 0.993 χ^2/NDF : 287.8/18

Left In: -16.892 ± 0.525 χ^2/NDF : 318.5/21

Left: -16.703 ± 0.366 χ^2/NDF : 527.6/45

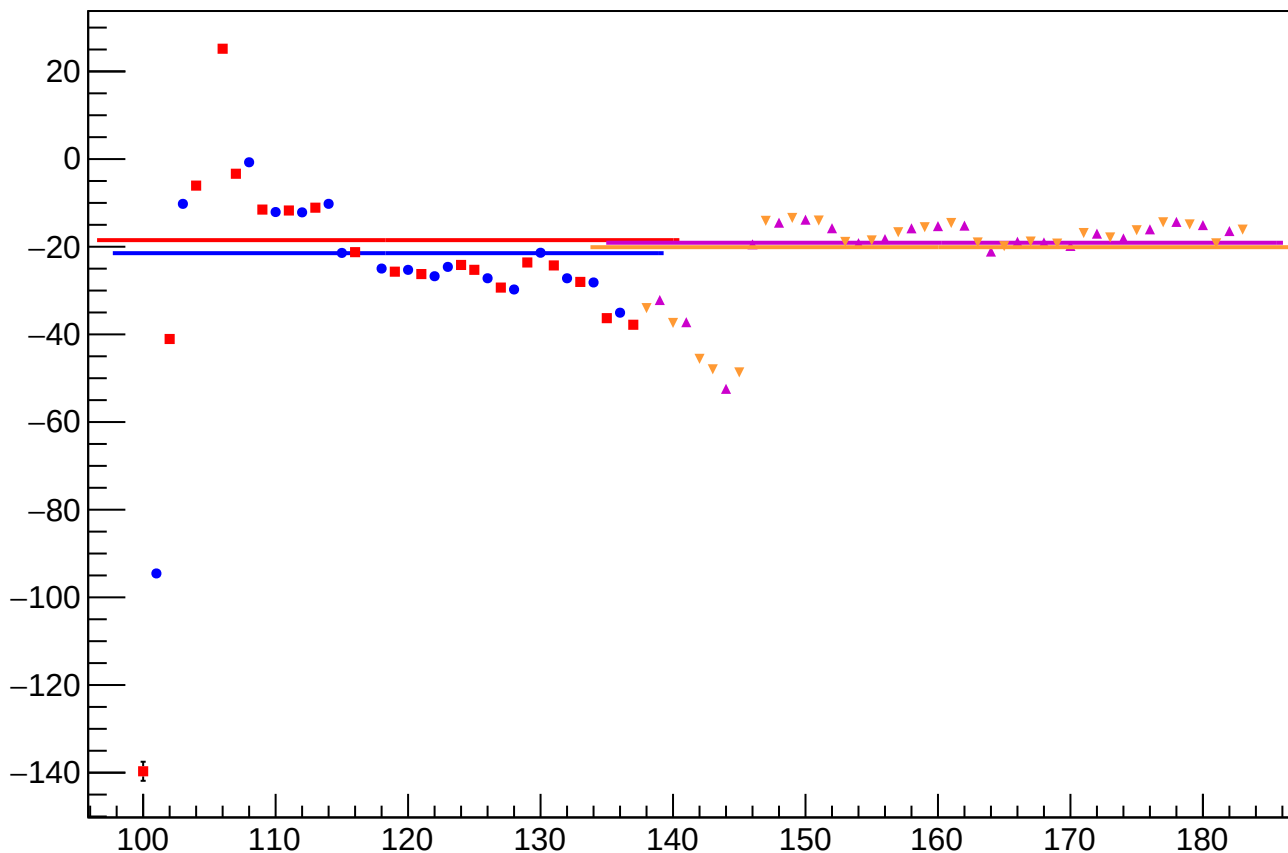
Right: -34.498 ± 0.716 χ^2/NDF : 583.4/35

In: -20.245 ± 0.468 χ^2/NDF : 810.9/38

Out: -20.510 ± 0.454 χ^2/NDF : 789.5/42

All: -20.382 ± 0.326 χ^2/NDF : 1600.6/81

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 $\chi^2/\text{NDF}: 48979.5/16$

Left Out: -20.105 ± 0.024 $\chi^2/\text{NDF}: 144628.6/23$

Right Out: -18.496 ± 0.057 $\chi^2/\text{NDF}: 80700.9/18$

Left In: -19.090 ± 0.024 $\chi^2/\text{NDF}: 92654.3/21$

Left: -19.604 ± 0.017 $\chi^2/\text{NDF}: 238203.2/45$

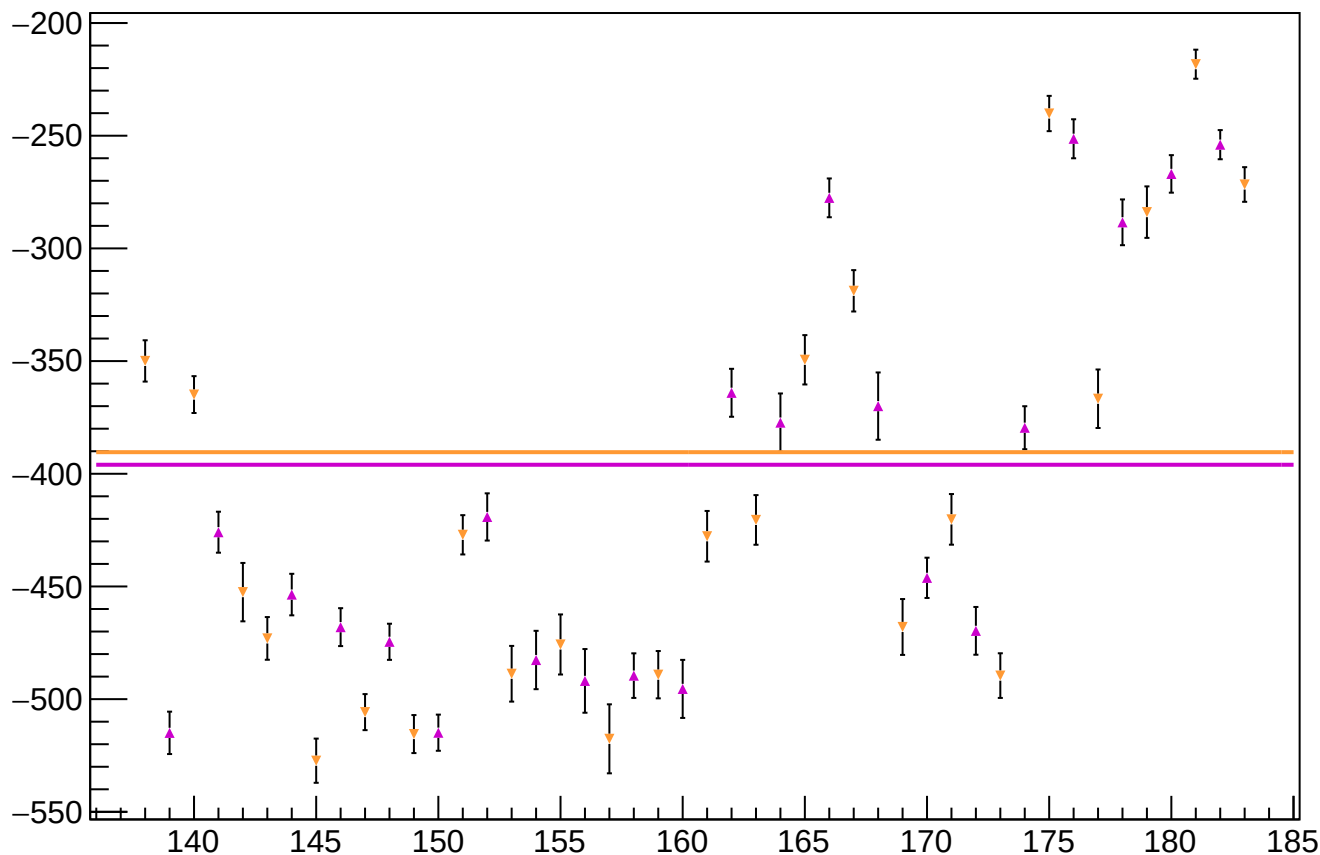
Right: -19.947 ± 0.041 $\chi^2/\text{NDF}: 130991.7/35$

In: -19.426 ± 0.022 $\chi^2/\text{NDF}: 143042.2/38$

Out: -19.874 ± 0.022 $\chi^2/\text{NDF}: 226003.5/42$

All: -19.653 ± 0.015 $\chi^2/\text{NDF}: 369254.9/81$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -390.416+/-1.982 χ^2/NDF :2680.5/23

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

Left In: -396.002+/-2.027 χ^2/NDF :2243.6/21

Left: -393.146+/-1.417 χ^2/NDF : 4928.0/45

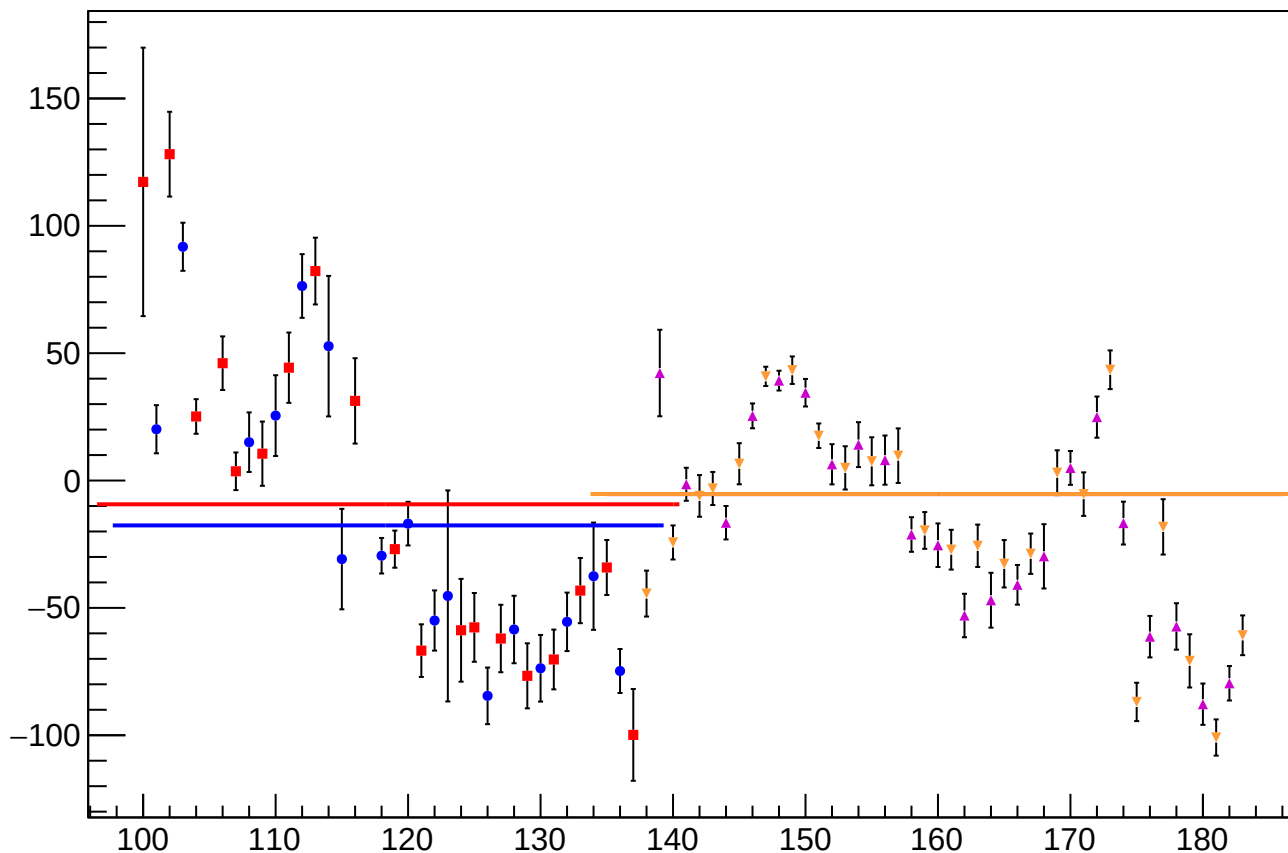
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -396.002+/-2.027 χ^2/NDF :2243.6/21

Out: -390.416+/-1.982 χ^2/NDF :2680.5/23

All: -393.146+/-1.417 χ^2/NDF : 4928.0/45

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 $\chi^2/\text{NDF}: 362.0/16$

Left Out: -5.306 ± 1.470 $\chi^2/\text{NDF}: 753.9/23$

Right Out: -9.330 ± 2.609 $\chi^2/\text{NDF}: 366.5/18$

Left In: -5.324 ± 1.526 $\chi^2/\text{NDF}: 649.1/21$

Left: -5.315 ± 1.059 $\chi^2/\text{NDF}: 1403.0/45$

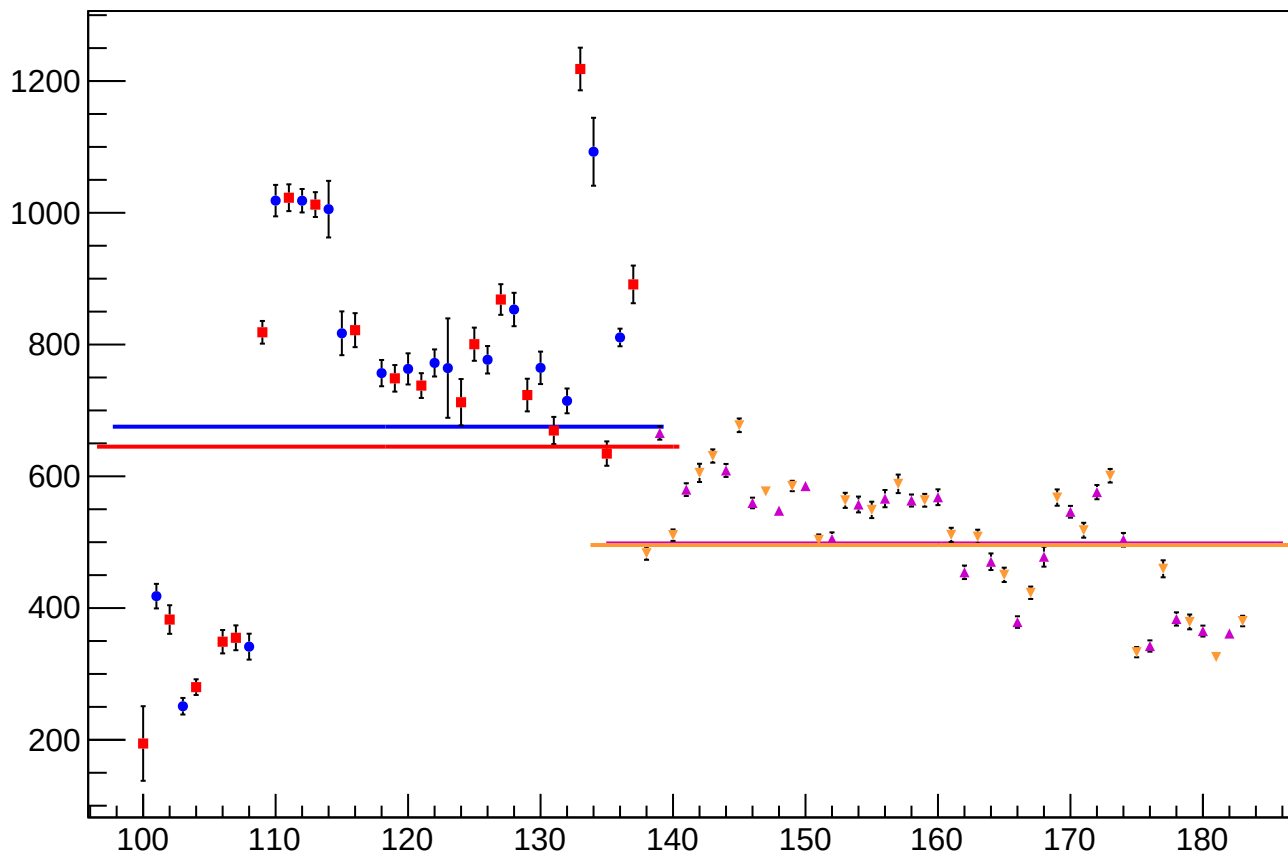
Right: -13.203 ± 1.905 $\chi^2/\text{NDF}: 733.2/35$

In: -8.162 ± 1.339 $\chi^2/\text{NDF}: 1026.1/38$

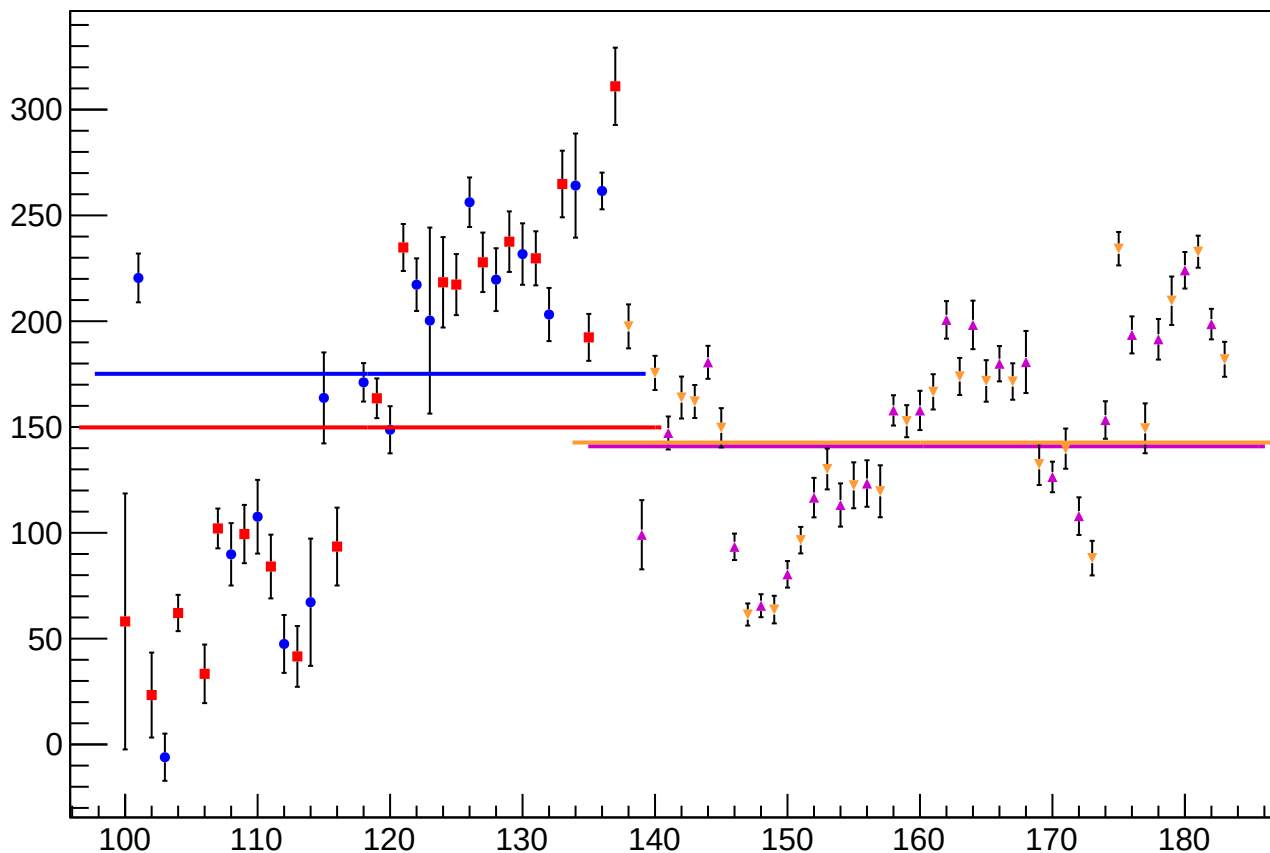
Out: -6.275 ± 1.281 $\chi^2/\text{NDF}: 1122.2/42$

All: -7.177 ± 0.925 $\chi^2/\text{NDF}: 2149.3/81$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 $\pm$ 3.209 χ^2 /NDF: 635.6/16

Left Out: 142.672 $\pm$ 1.709 χ^2 /NDF: 928.9/23

Right Out: 149.822 $\pm$ 3.041 χ^2 /NDF: 688.5/18

Left In: 140.888 $\pm$ 1.761 χ^2 /NDF: 742.1/21

Left: 141.807 $\pm$ 1.227 χ^2 /NDF: 1671.5/45

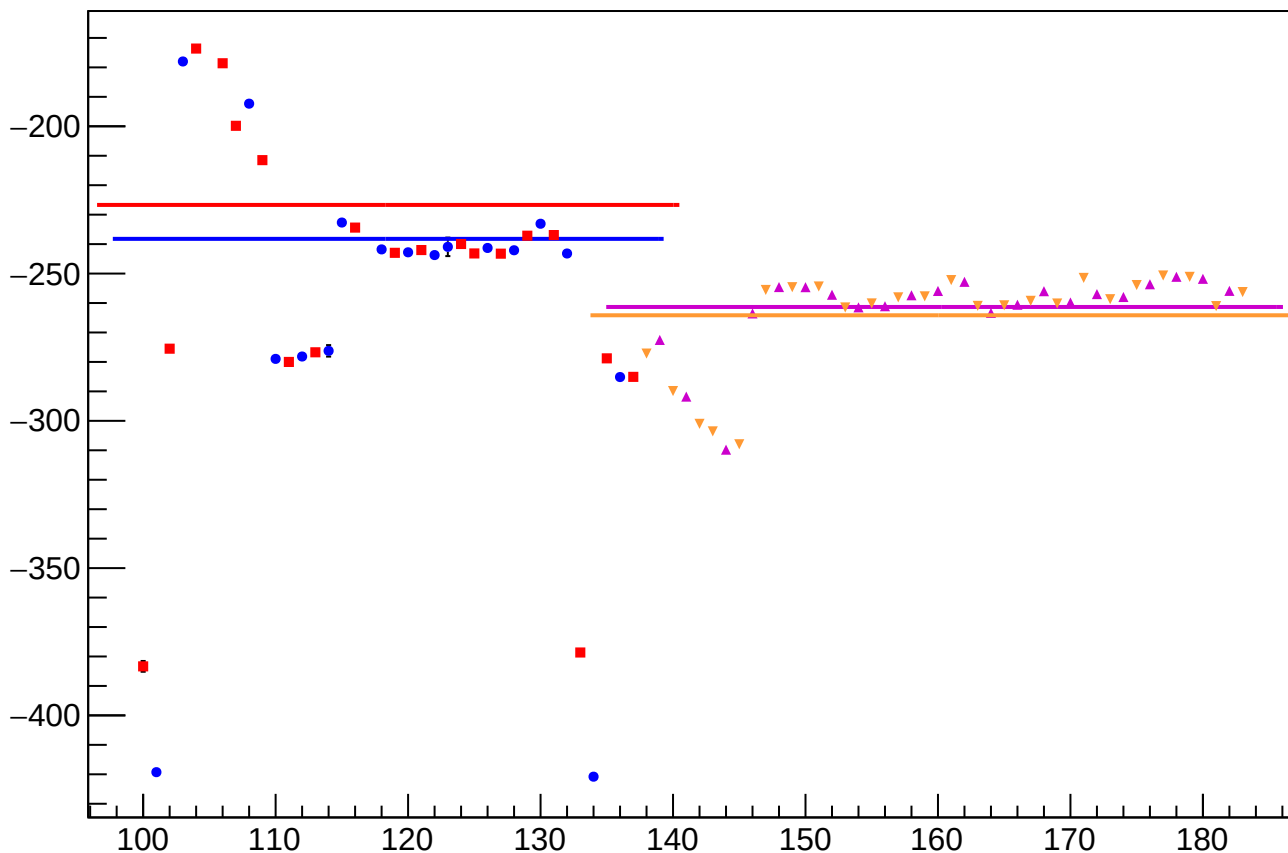
Right: 161.803 $\pm$ 2.208 χ^2 /NDF: 1356.9/35

In: 148.817 $\pm$ 1.544 χ^2 /NDF: 1465.3/38

Out: 144.388 $\pm$ 1.490 χ^2 /NDF: 1621.6/42

All: 146.524 $\pm$ 1.072 χ^2 /NDF: 3091.1/81

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -264.161+/-0.082 χ^2/NDF : 38717.8/23

Right Out: -226.696+/-0.151 χ^2/NDF : 102814.8/18

Left In: -261.339+/-0.083 χ^2/NDF : 23448.0/21

Left: -262.760+/-0.058 χ^2/NDF : 62753.6/45

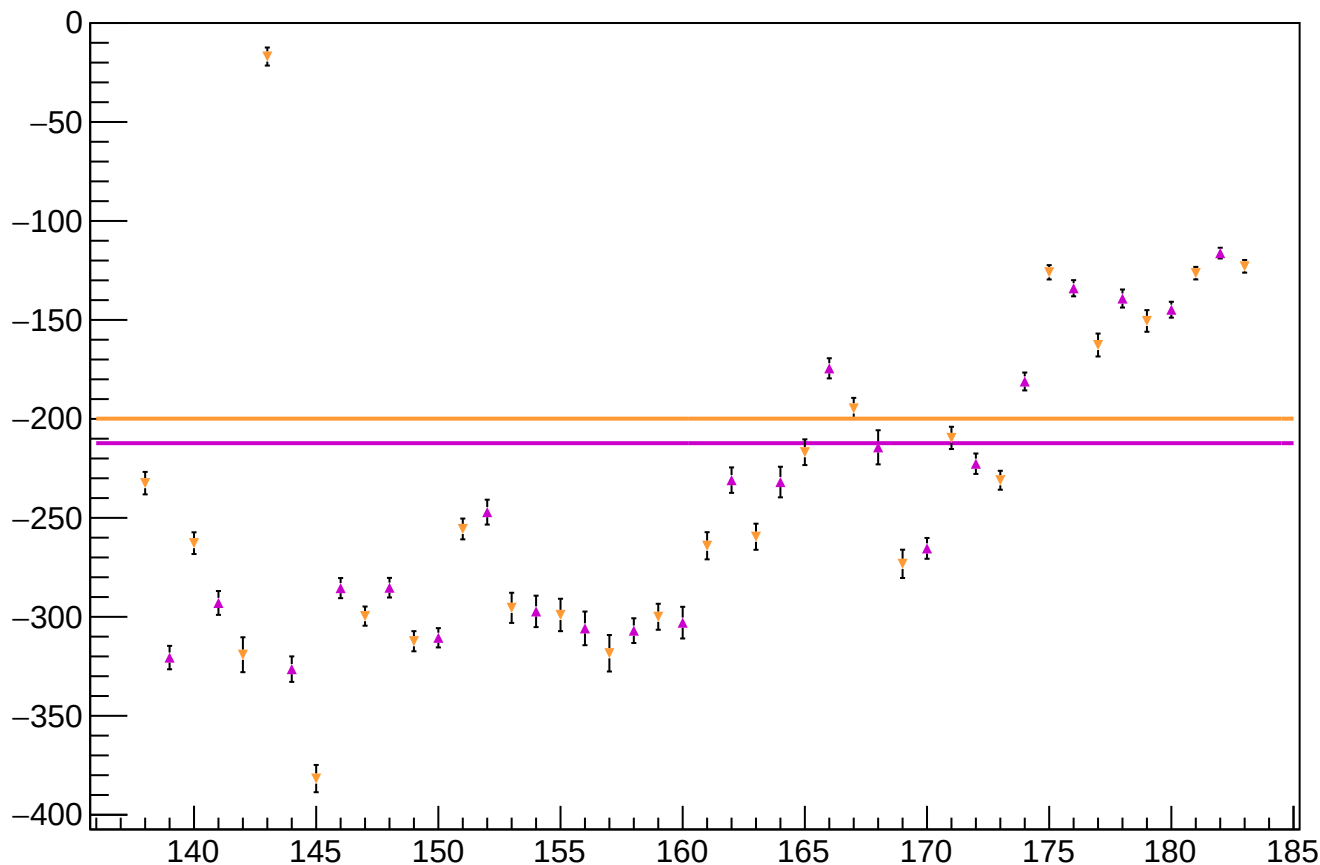
Right: -232.123+/-0.110 χ^2/NDF : 272653.1/35

In: -256.477+/-0.073 χ^2/NDF : 207026.7/38

Out: -255.629+/-0.072 χ^2/NDF : 189040.1/42

All: -256.046+/-0.051 χ^2/NDF : 396134.7/81

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: -199.873+/-1.075 χ^2/NDF : 6360.9/23

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

Left In: -212.265+/-1.104 χ^2/NDF : 4674.7/21

Left: -205.904+/-0.770 χ^2/NDF : 11100.2/45

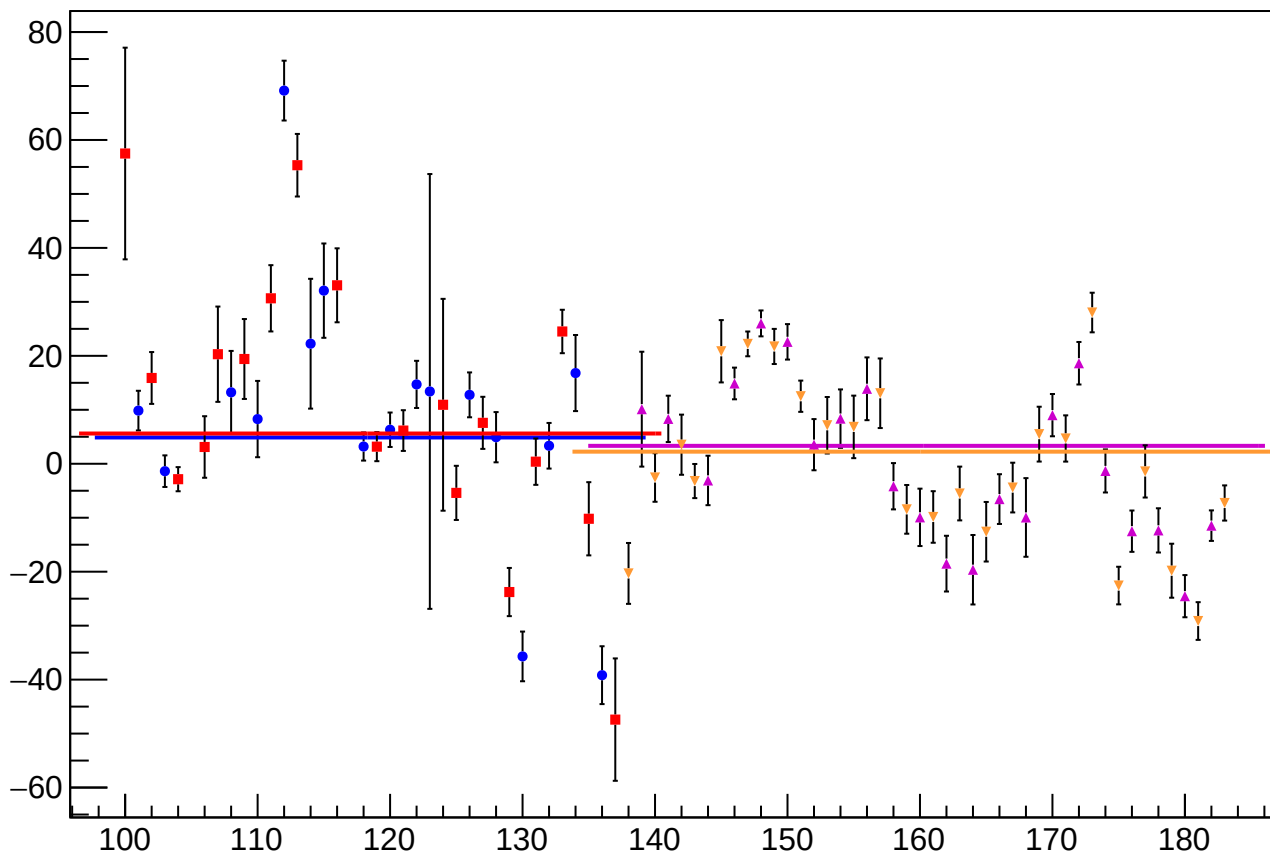
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -212.265+/-1.104 χ^2/NDF : 4674.7/21

Out: -199.873+/-1.075 χ^2/NDF : 6360.9/23

All: -205.904+/-0.770 χ^2/NDF : 11100.2/45

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 χ^2/NDF : 311.5/16

Left Out: 2.243 ± 0.828 χ^2/NDF : 392.8/23

Right Out: 5.605 ± 1.069 χ^2/NDF : 238.6/18

Left In: 3.321 ± 0.867 χ^2/NDF : 323.3/21

Left: 2.757 ± 0.599 χ^2/NDF : 716.8/45

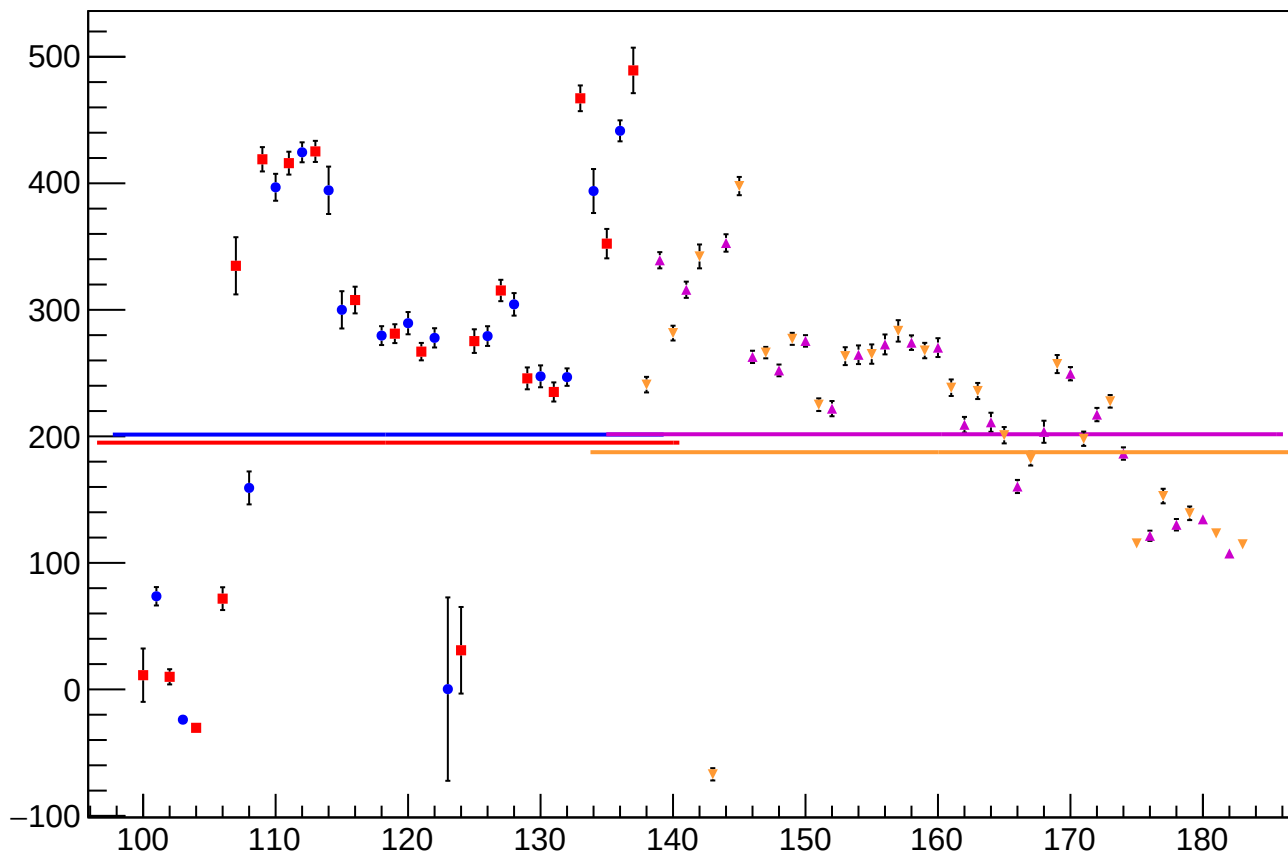
Right: 5.245 ± 0.764 χ^2/NDF : 550.3/35

In: 3.921 ± 0.679 χ^2/NDF : 636.1/38

Out: 3.503 ± 0.655 χ^2/NDF : 637.5/42

All: 3.705 ± 0.471 χ^2/NDF : 1273.7/81

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407 $\pm$ 1.974 χ^2 /NDF: 6740.4/16

Left Out: 187.483 $\pm$ 1.079 χ^2 /NDF: 7082.1/23

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 201.666 $\pm$ 1.102 χ^2 /NDF: 4426.8/21

Left: 194.425 $\pm$ 0.771 χ^2 /NDF: 11593.6/45

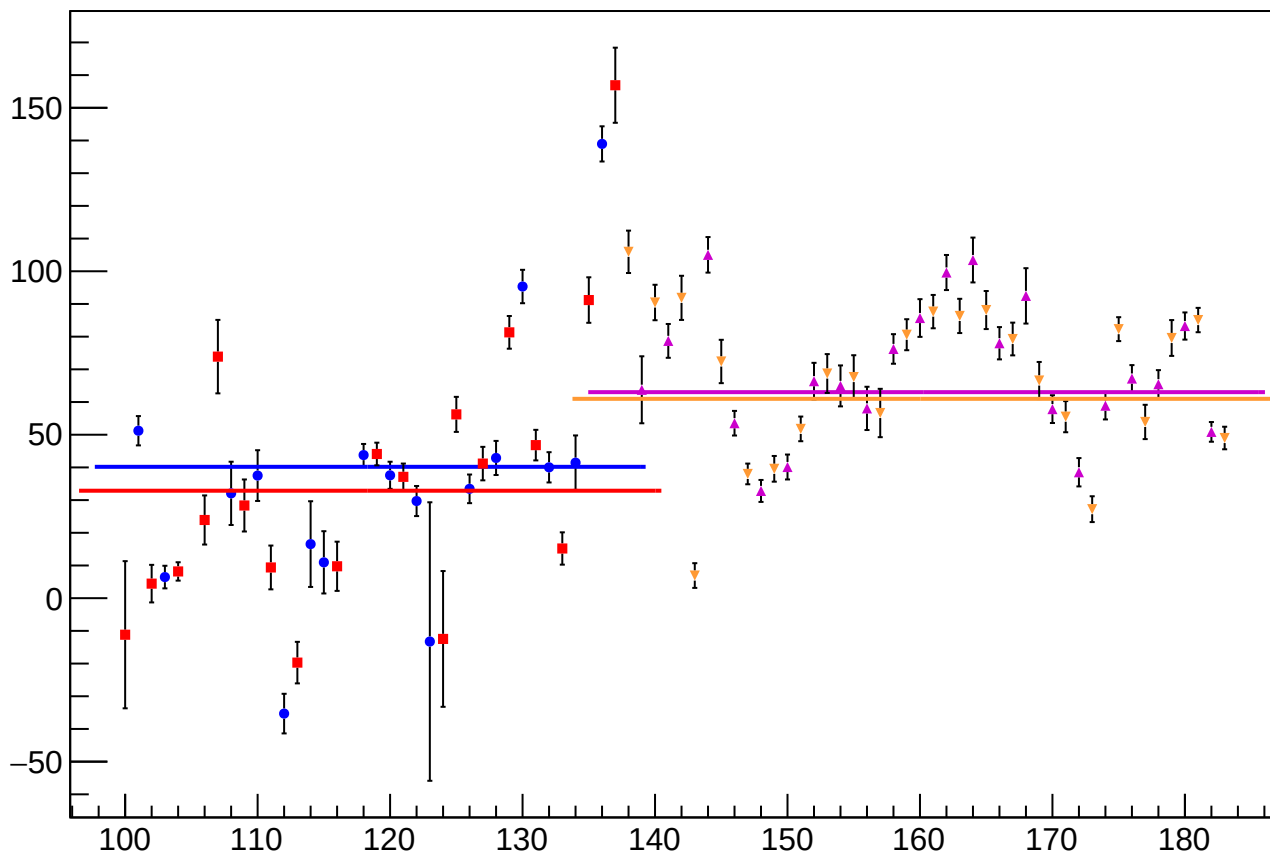
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 201.604 $\pm$ 0.962 χ^2 /NDF: 11167.2/38

Out: 189.287 $\pm$ 0.941 χ^2 /NDF: 15348.5/42

All: 195.309 $\pm$ 0.673 χ^2 /NDF: 26599.5/81

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183+/-1.270 χ^2 /NDF: 734.0/16

Left Out: 60.979+/-0.951 χ^2 /NDF:677.0/23

Right Out: 32.873+/-1.251 χ^2 /NDF: 551.0/18

Left In: 63.021+/-0.988 χ^2 /NDF:395.4/21

Left: 61.962+/-0.685 χ^2 /NDF: 1074.6/45

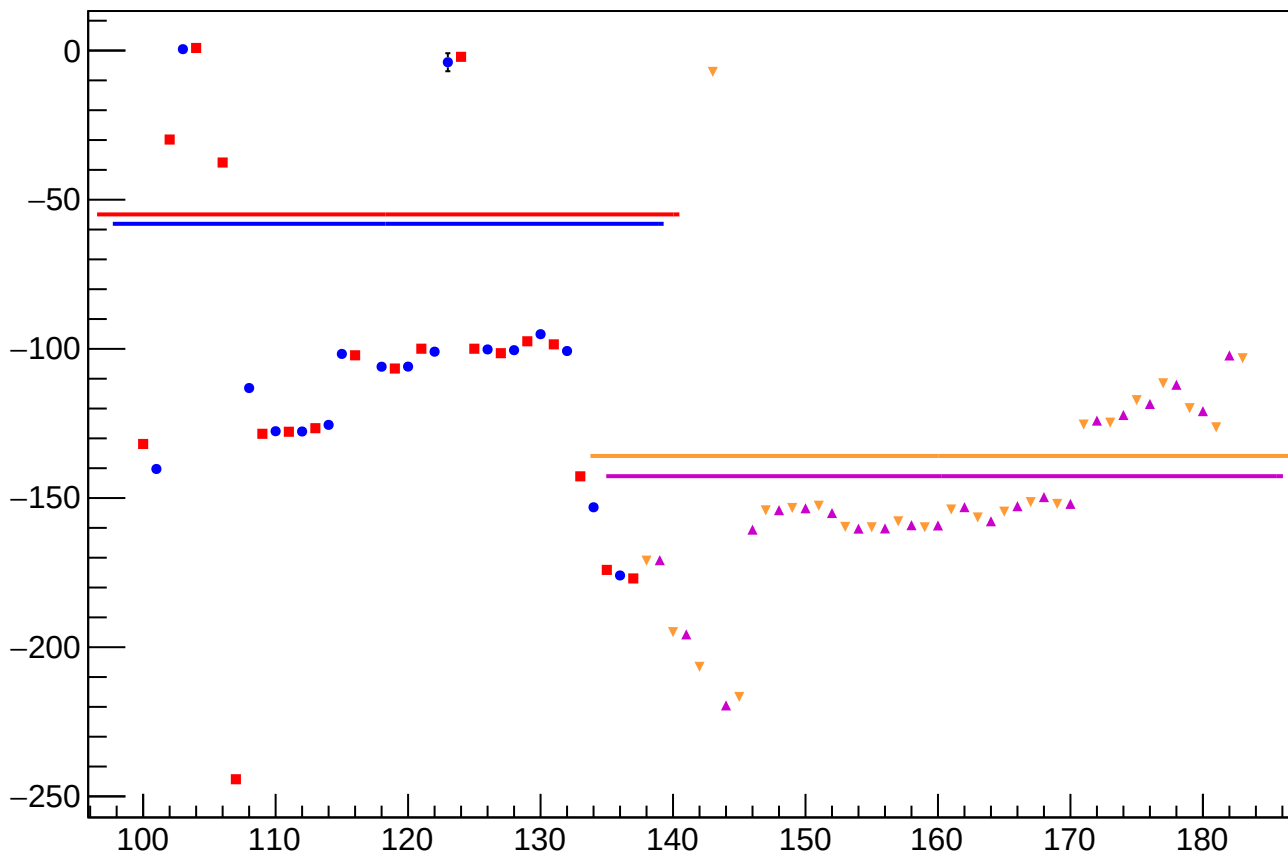
Right: 36.473+/-0.891 χ^2 /NDF: 1301.8/35

In: 54.409+/-0.780 χ^2 /NDF:1330.9/38

Out: 50.679+/-0.757 χ^2 /NDF:1547.9/42

All: 52.489+/-0.543 χ^2 /NDF: 2890.5/81

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 $\pm$ 0.062 χ^2 /NDF: 1104437.7/16

Left Out: -135.893 $\pm$ 0.045 χ^2 /NDF: 786934.6/23

Right Out: -54.929 $\pm$ 0.060 χ^2 /NDF: 1003908.6/18

Left In: -142.671 $\pm$ 0.046 χ^2 /NDF: 325478.2/21

Left: -139.227 $\pm$ 0.032 χ^2 /NDF: 1123448.7/45

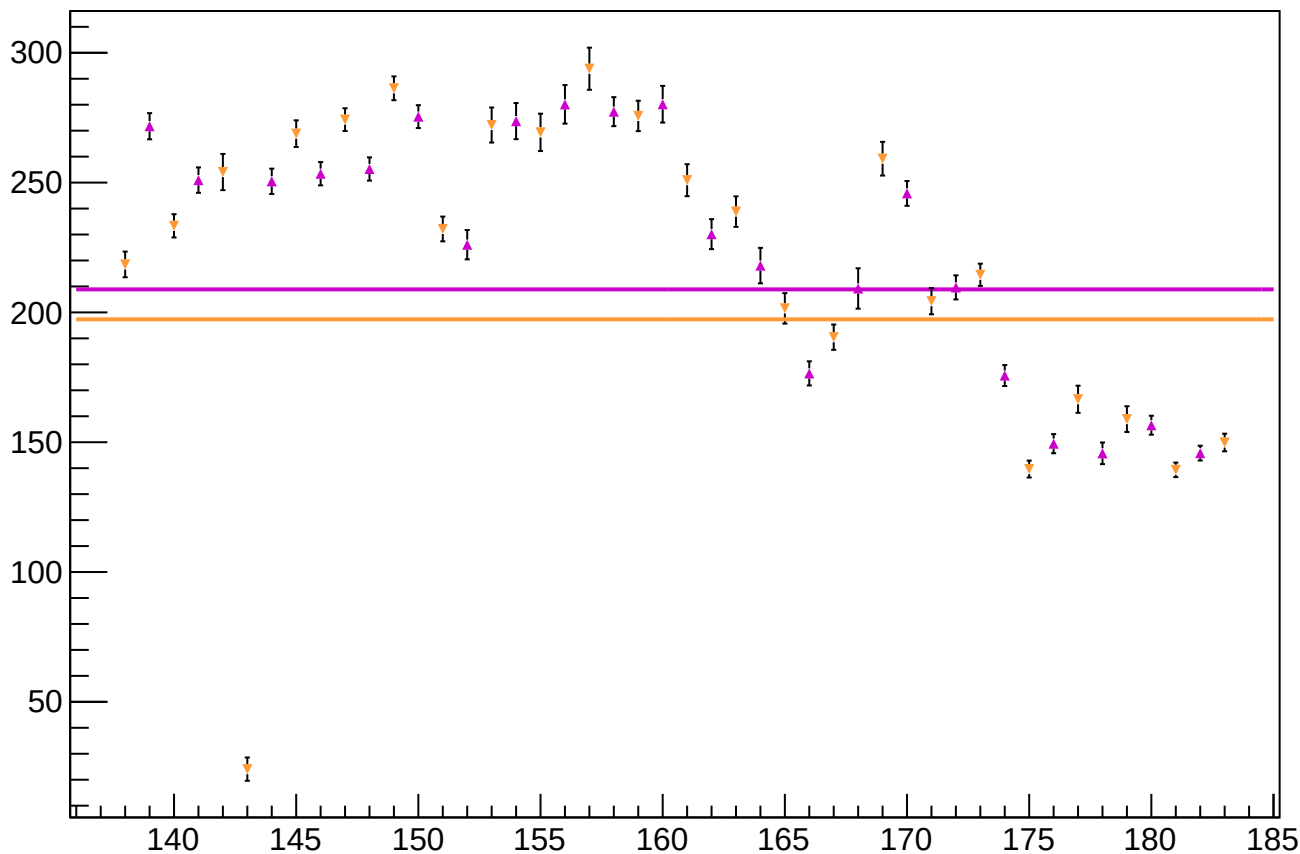
Right: -56.466 $\pm$ 0.043 χ^2 /NDF: 2109681.6/35

In: -112.401 $\pm$ 0.037 χ^2 /NDF: 2640198.7/38

Out: -106.665 $\pm$ 0.036 χ^2 /NDF: 2946591.4/42

All: -109.479 $\pm$ 0.026 χ^2 /NDF: 5599129.1/81

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: 197.330+/-0.972 χ^2/NDF :4384.3/23

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

Left In: 208.868+/-1.004 χ^2/NDF :2552.5/21

Left: 202.912+/-0.699 χ^2/NDF : 7004.9/45

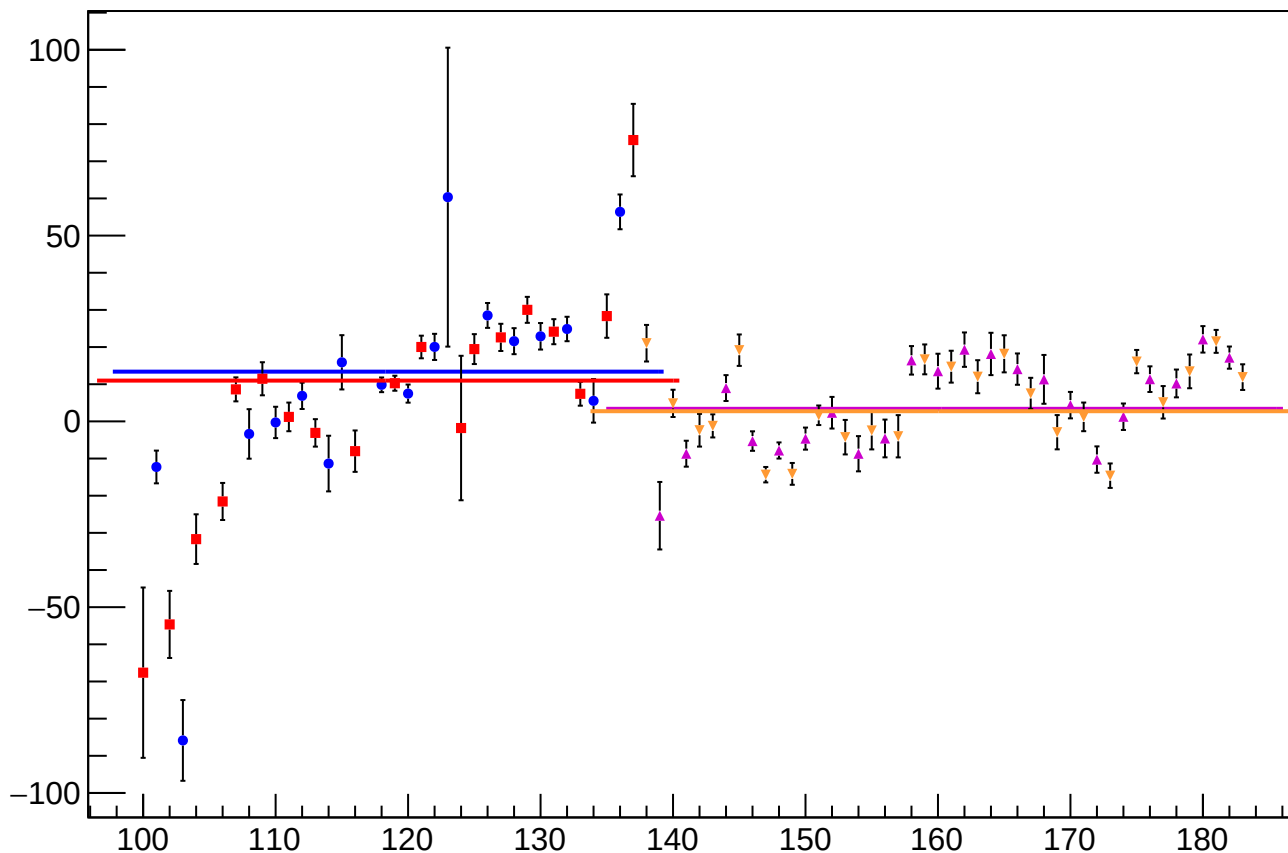
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 208.868+/-1.004 χ^2/NDF :2552.5/21

Out: 197.330+/-0.972 χ^2/NDF :4384.3/23

All: 202.912+/-0.699 χ^2/NDF : 7004.9/45

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 χ^2/NDF : 294.1/16

Left Out: 2.738 ± 0.746 χ^2/NDF : 270.4/23

Right Out: 10.975 ± 0.915 χ^2/NDF : 304.0/18

Left In: 3.382 ± 0.781 χ^2/NDF : 194.0/21

Left: 3.045 ± 0.539 χ^2/NDF : 464.8/45

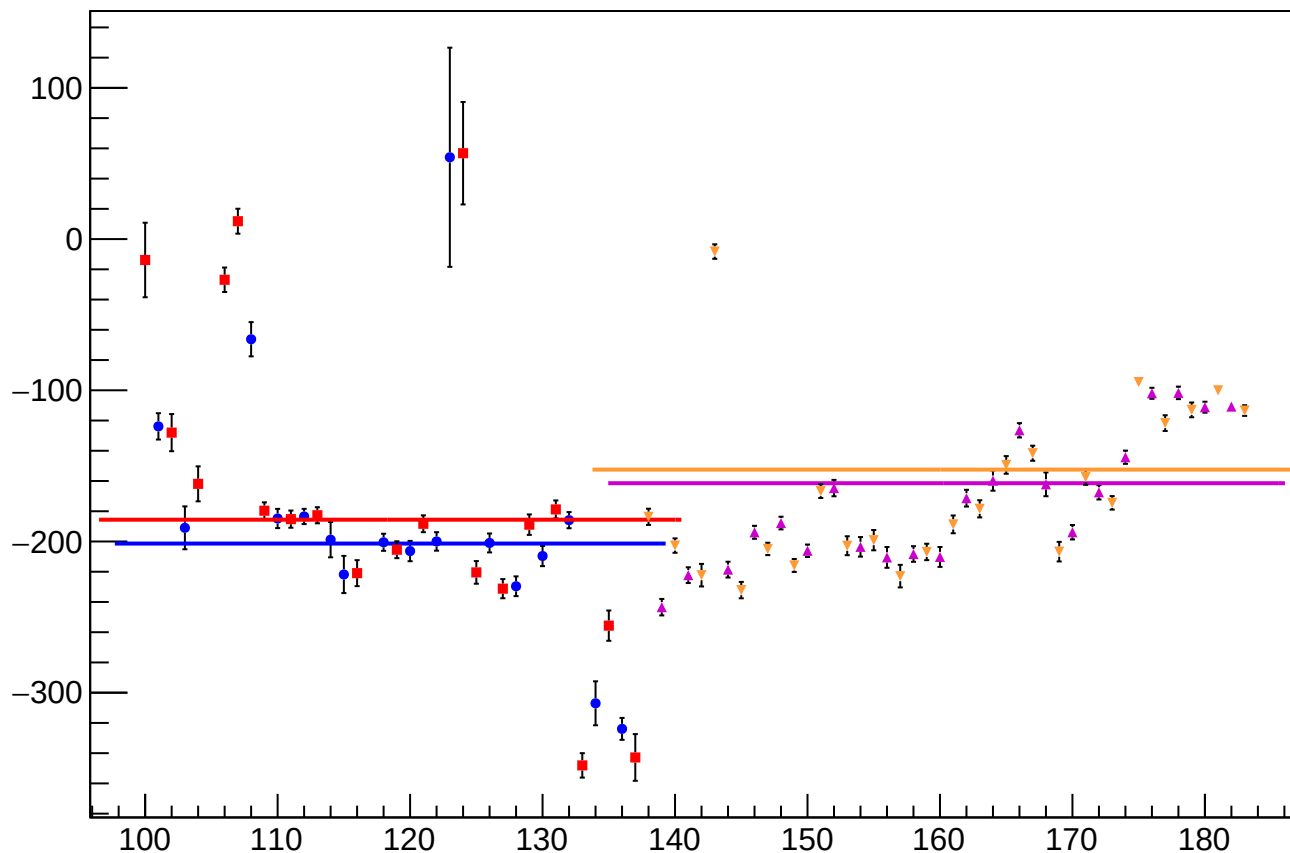
Right: 12.172 ± 0.649 χ^2/NDF : 601.5/35

In: 7.564 ± 0.596 χ^2/NDF : 556.7/38

Out: 6.030 ± 0.578 χ^2/NDF : 623.1/42

All: 6.774 ± 0.415 χ^2/NDF : 1183.2/81

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 $\chi^2/\text{NDF}: 625.0/16$

Left Out: -152.466 ± 0.976 $\chi^2/\text{NDF}: 3074.7/23$

Right Out: -185.589 ± 1.699 $\chi^2/\text{NDF}: 1748.2/18$

Left In: -161.453 ± 1.002 $\chi^2/\text{NDF}: 2007.9/21$

Left: -156.841 ± 0.699 $\chi^2/\text{NDF}: 5123.9/45$

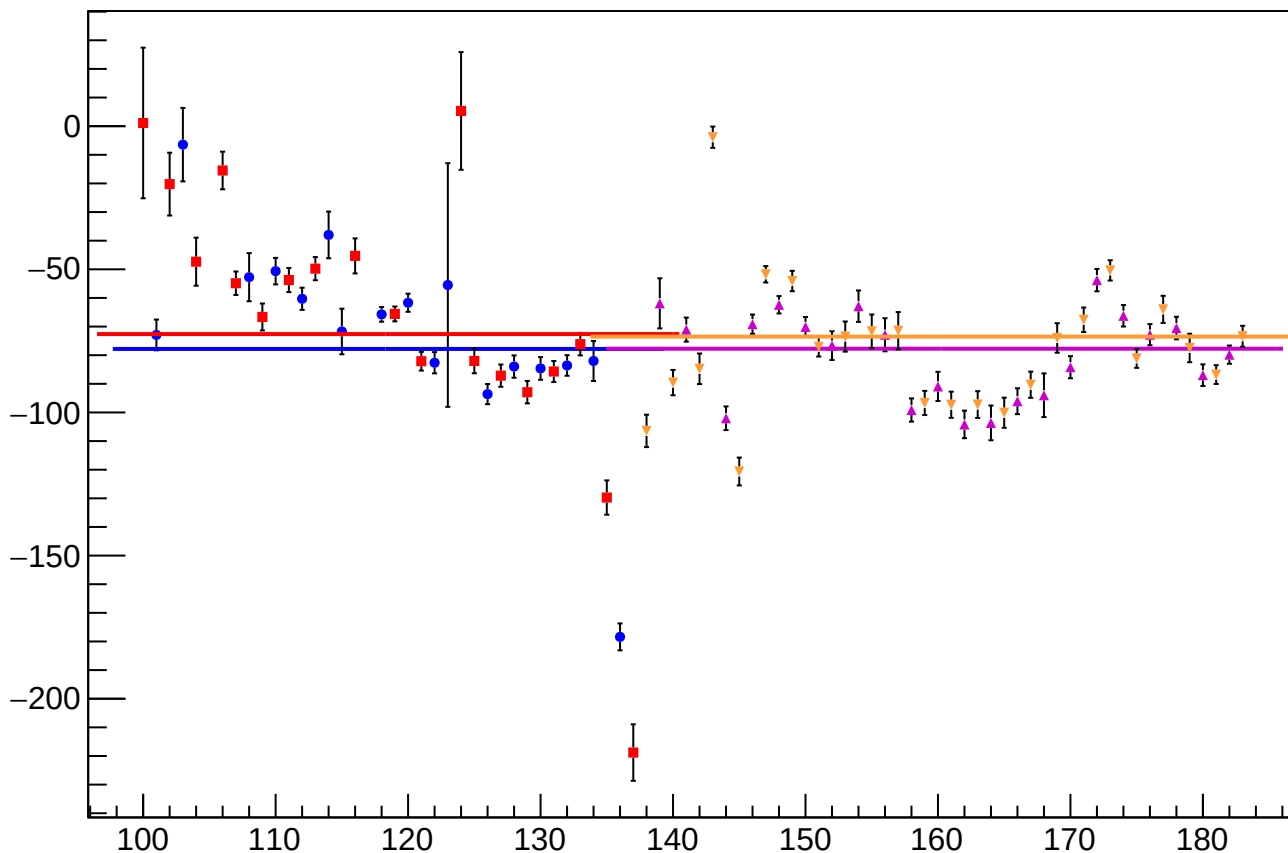
Right: -193.097 ± 1.230 $\chi^2/\text{NDF}: 2414.3/35$

In: -171.023 ± 0.873 $\chi^2/\text{NDF}: 3013.6/38$

Out: -160.676 ± 0.846 $\chi^2/\text{NDF}: 5108.7/42$

All: -165.685 ± 0.608 $\chi^2/\text{NDF}: 8194.7/81$

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 χ^2/NDF : 656.4/16

Left Out: -73.510 ± 0.858 χ^2/NDF : 777.9/23

Right Out: -72.616 ± 1.053 χ^2/NDF : 606.8/18

Left In: -77.736 ± 0.892 χ^2/NDF : 251.0/21

Left: -75.542 ± 0.618 χ^2/NDF : 1040.6/45

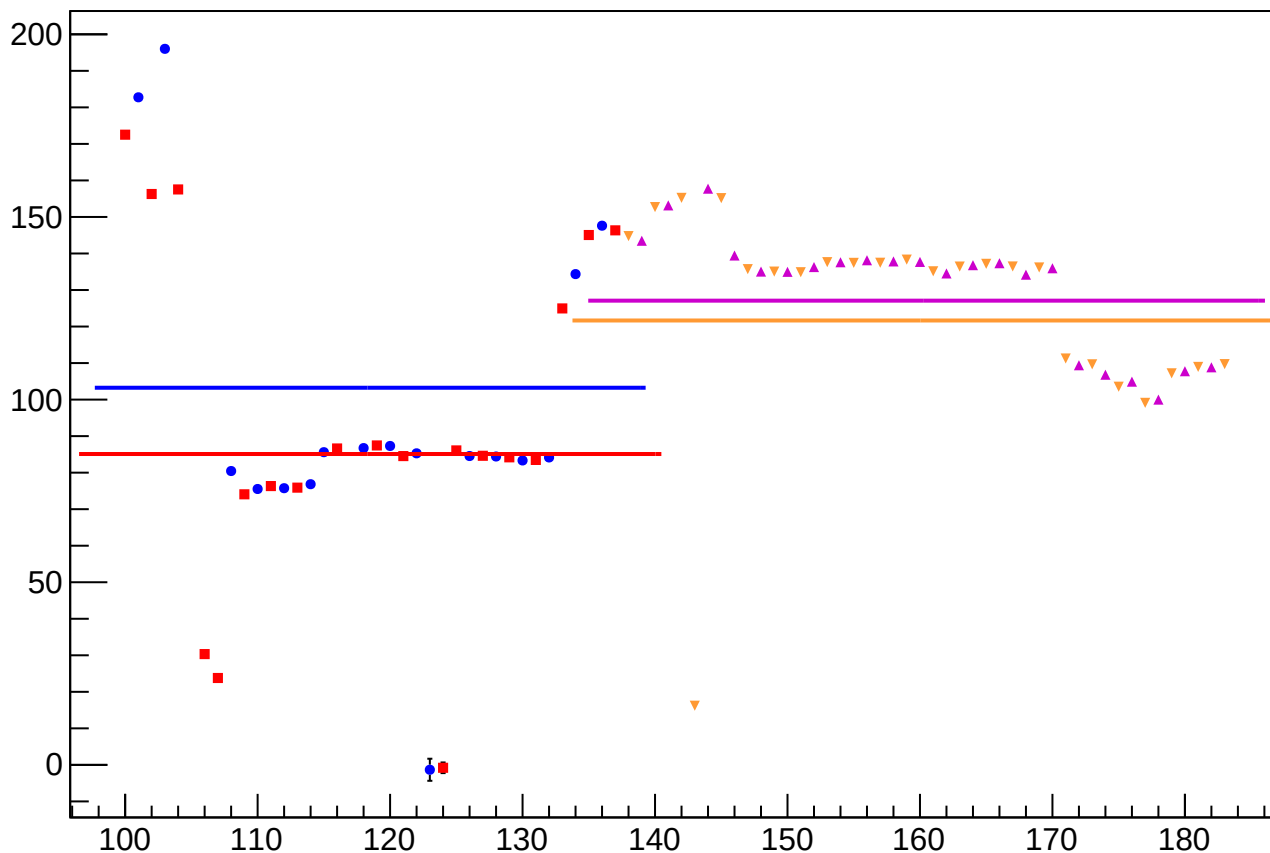
Right: -75.179 ± 0.750 χ^2/NDF : 1275.2/35

In: -77.770 ± 0.684 χ^2/NDF : 907.3/38

Out: -73.153 ± 0.665 χ^2/NDF : 1385.2/42

All: -75.396 ± 0.477 χ^2/NDF : 2315.9/81

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 $\pm$ 0.070 χ^2 /NDF: 273390.3/16

Left Out: 121.658 $\pm$ 0.041 χ^2 /NDF: 479964.6/23

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 127.087 $\pm$ 0.042 χ^2 /NDF: 160141.6/21

Left: 124.326 $\pm$ 0.029 χ^2 /NDF: 648810.1/45

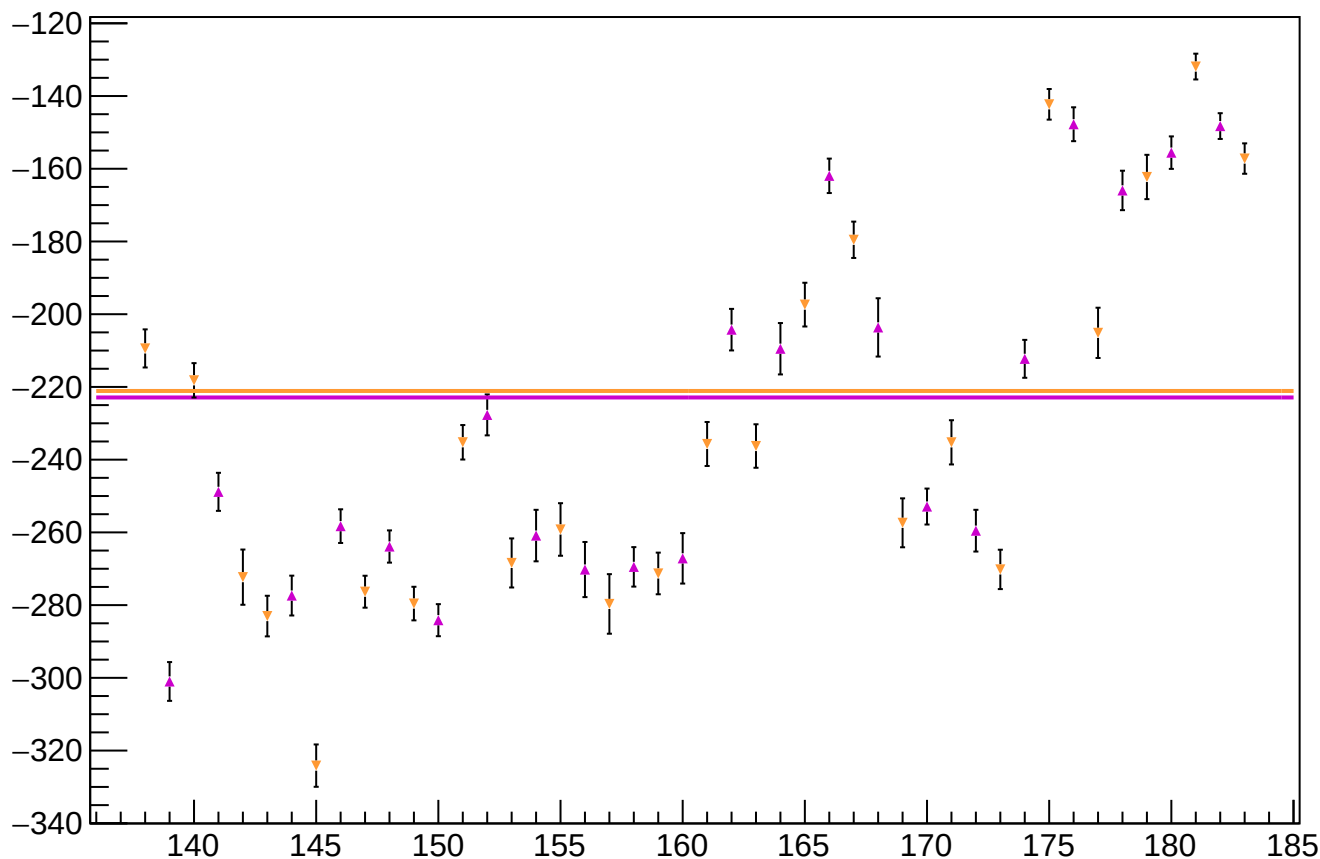
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 120.946 $\pm$ 0.036 χ^2 /NDF: 518526.5/38

Out: 111.027 $\pm$ 0.034 χ^2 /NDF: 1136939.1/42

All: 115.789 $\pm$ 0.025 χ^2 /NDF: 1695476.1/81

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: -221.110+/-1.093 χ^2/NDF :2547.8/23

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

Left In: -222.899+/-1.114 χ^2/NDF :2166.1/21

Left: -221.988+/-0.780 χ^2/NDF : 4715.2/45

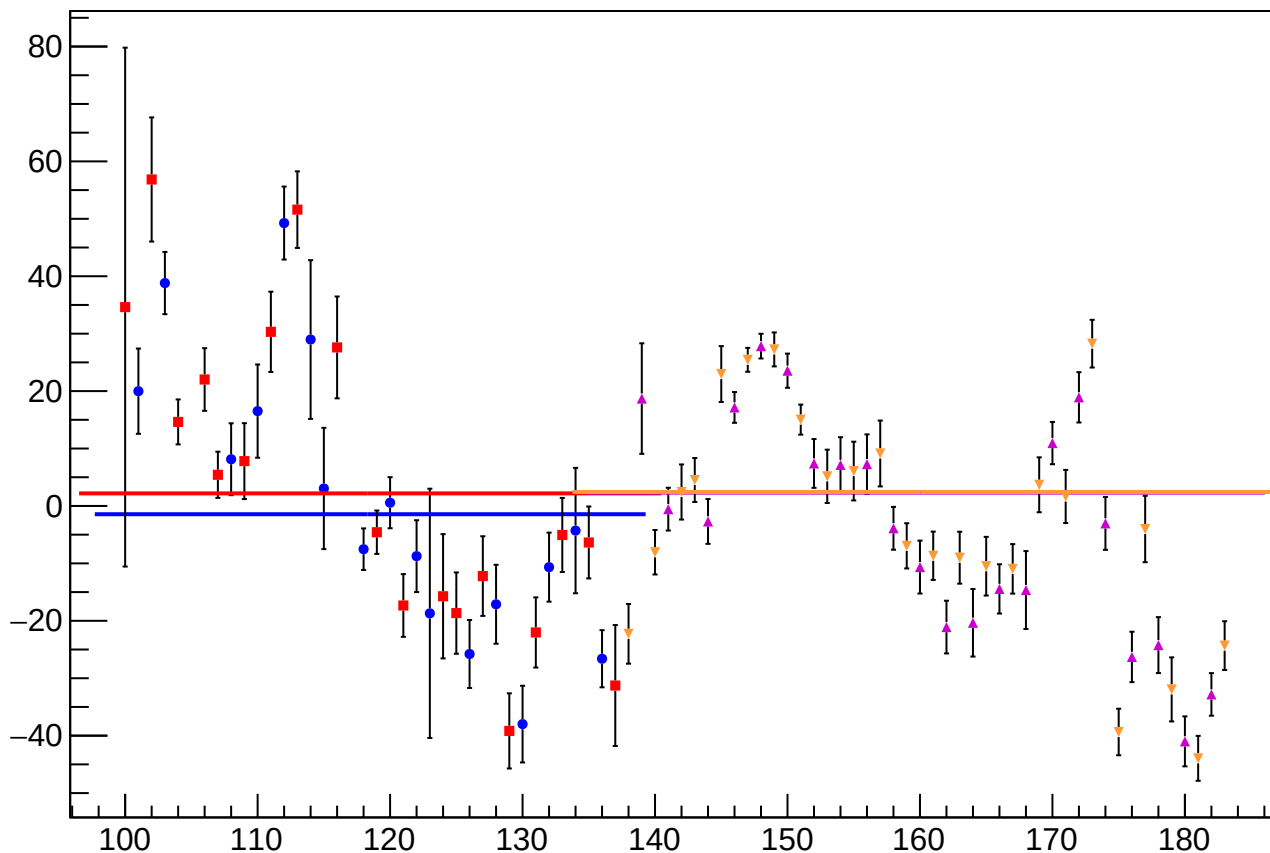
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -222.899+/-1.114 χ^2/NDF :2166.1/21

Out: -221.110+/-1.093 χ^2/NDF :2547.8/23

All: -221.988+/-0.780 χ^2/NDF : 4715.2/45

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 χ^2/NDF : 224.4/16

Left Out: 2.438 ± 0.811 χ^2/NDF : 666.3/23

Right Out: 2.188 ± 1.400 χ^2/NDF : 230.7/18

Left In: 2.317 ± 0.840 χ^2/NDF : 586.4/21

Left: 2.379 ± 0.584 χ^2/NDF : 1252.7/45

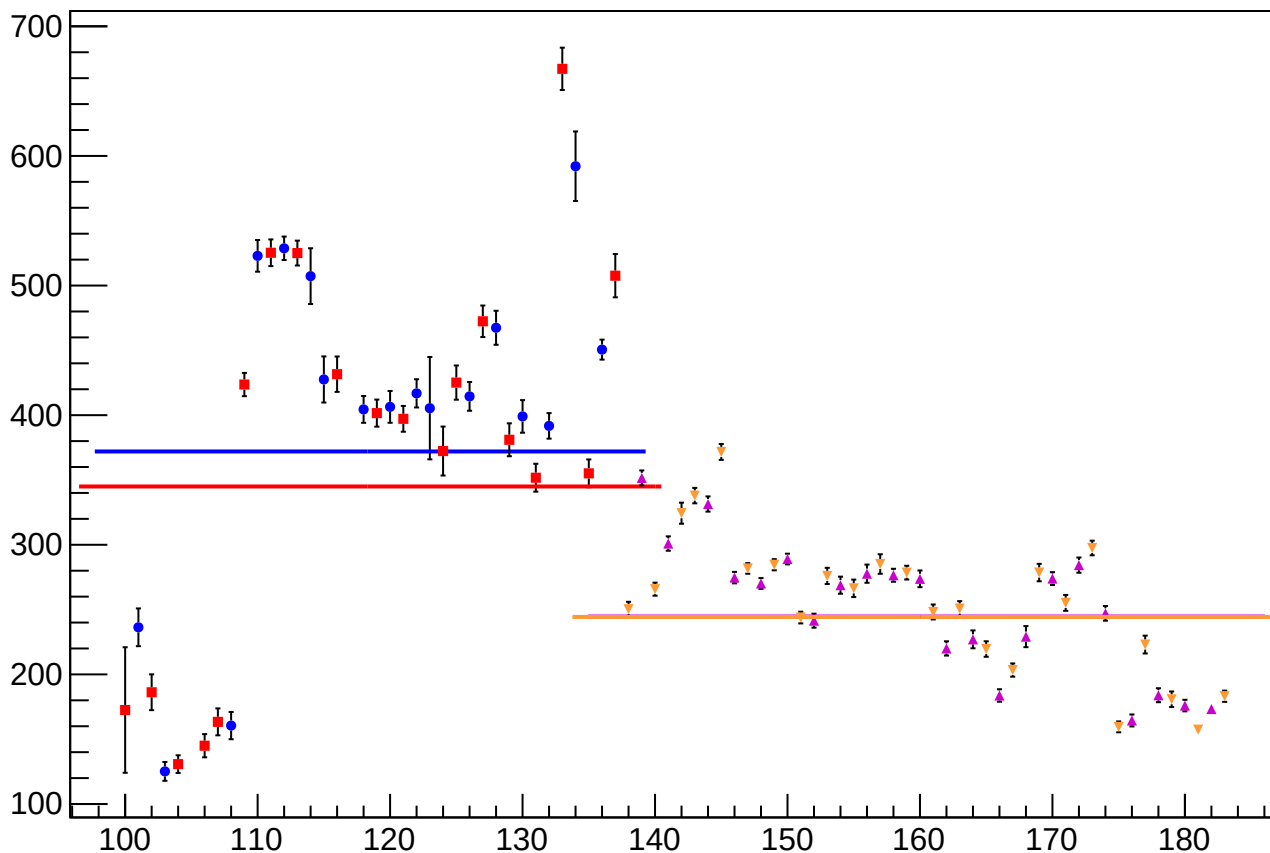
Right: 0.518 ± 1.029 χ^2/NDF : 458.2/35

In: 1.434 ± 0.735 χ^2/NDF : 815.6/38

Out: 2.375 ± 0.702 χ^2/NDF : 897.0/42

All: 1.926 ± 0.508 χ^2/NDF : 1713.4/81

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 $\pm$ 2.765 χ^2 /NDF: 2431.2/16

Left Out: 244.321 $\pm$ 1.090 χ^2 /NDF:2559.6/23

Right Out: 344.990 $\pm$ 2.561 χ^2 /NDF: 3414.4/18

Left In: 244.675 $\pm$ 1.104 χ^2 /NDF:2276.8/21

Left: 244.496 $\pm$ 0.776 χ^2 /NDF: 4836.4/45

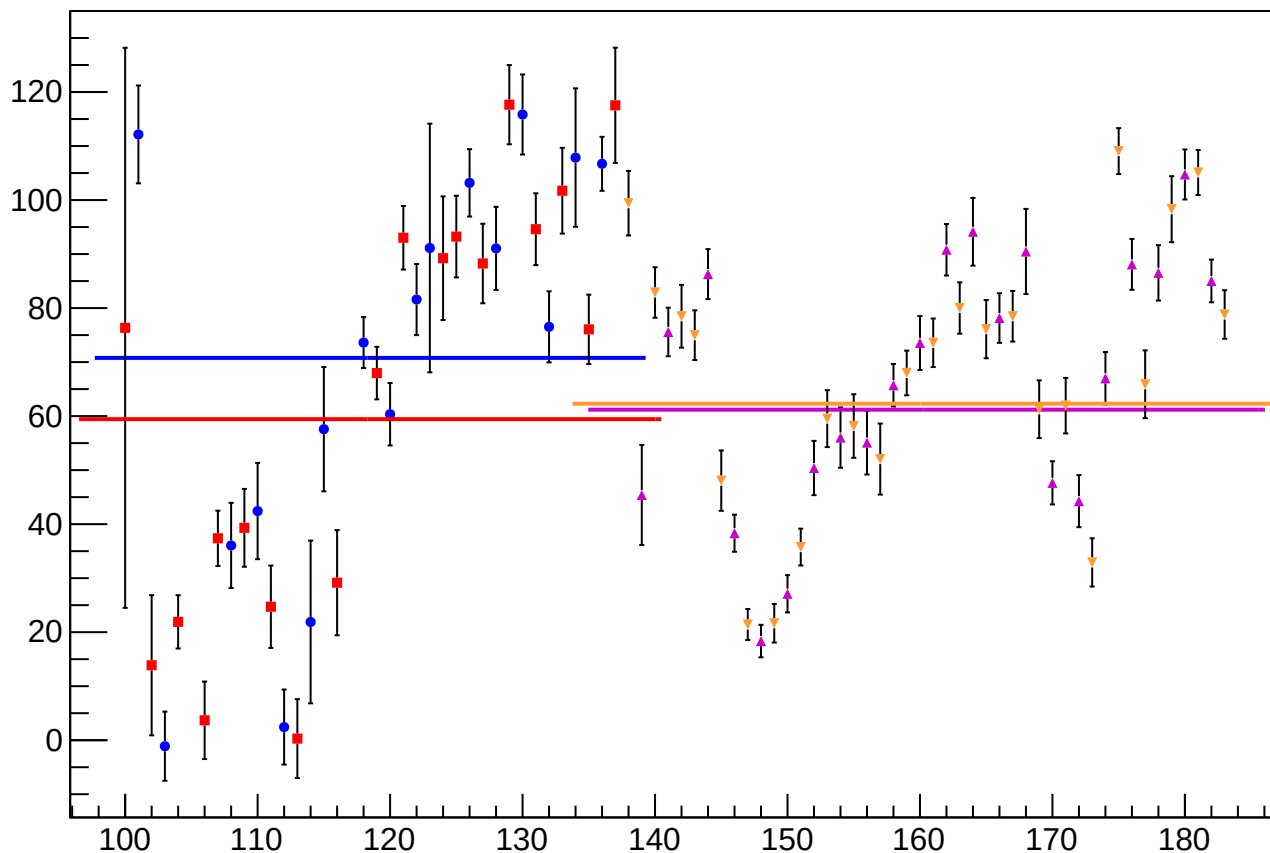
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 262.185 $\pm$ 1.025 χ^2 /NDF:6537.1/38

Out: 259.757 $\pm$ 1.003 χ^2 /NDF:7282.4/42

All: 260.944 $\pm$ 0.717 χ^2 /NDF: 13822.4/81

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 $\pm$ 1.747 χ^2 /NDF: 423.9/16

Left Out: 62.302 $\pm$ 0.942 χ^2 /NDF:834.8/23

Right Out: 59.438 $\pm$ 1.631 χ^2 /NDF: 486.7/18

Left In: 61.190 $\pm$ 0.968 χ^2 /NDF:702.3/21

Left: 61.761 $\pm$ 0.675 χ^2 /NDF: 1537.8/45

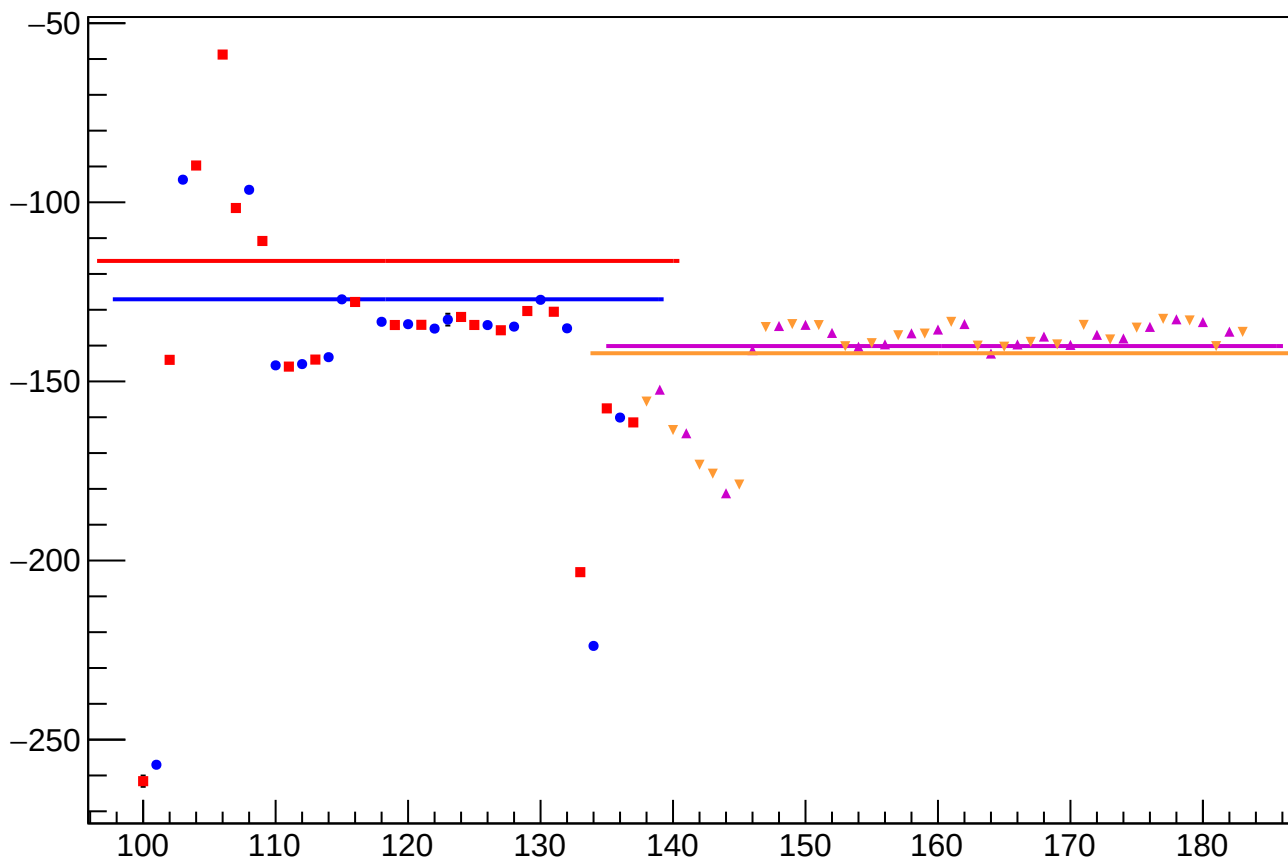
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 63.443 $\pm$ 0.847 χ^2 /NDF:1149.3/38

Out: 61.585 $\pm$ 0.816 χ^2 /NDF:1323.9/42

All: 62.480 $\pm$ 0.587 χ^2 /NDF: 2475.6/81

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -142.135+/-0.045 χ^2/NDF : 79564.9/23

Right Out: -116.365+/-0.083 χ^2/NDF : 167555.3/18

Left In: -140.129+/-0.045 χ^2/NDF : 48394.0/21

Left: -141.136+/-0.032 χ^2/NDF : 128942.0/45

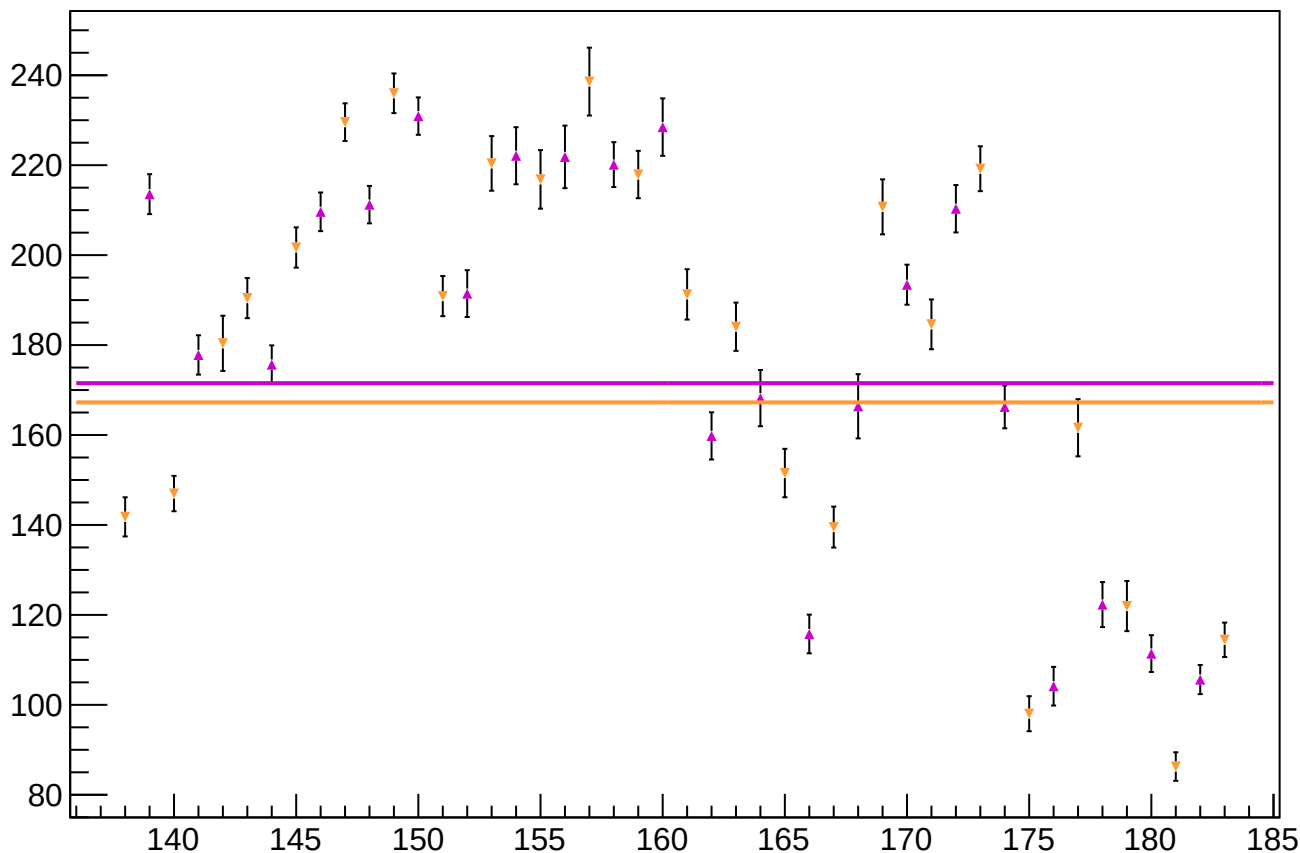
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -137.466+/-0.040 χ^2/NDF : 232343.3/38

Out: -136.242+/-0.040 χ^2/NDF : 321653.3/42

All: -136.842+/-0.028 χ^2/NDF : 554463.8/81

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: 167.256+/-0.978 χ^2/NDF :2427.4/23

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

Left In: 171.535+/-1.005 χ^2/NDF :1997.2/21

Left: 169.336+/-0.701 χ^2/NDF : 4433.9/45

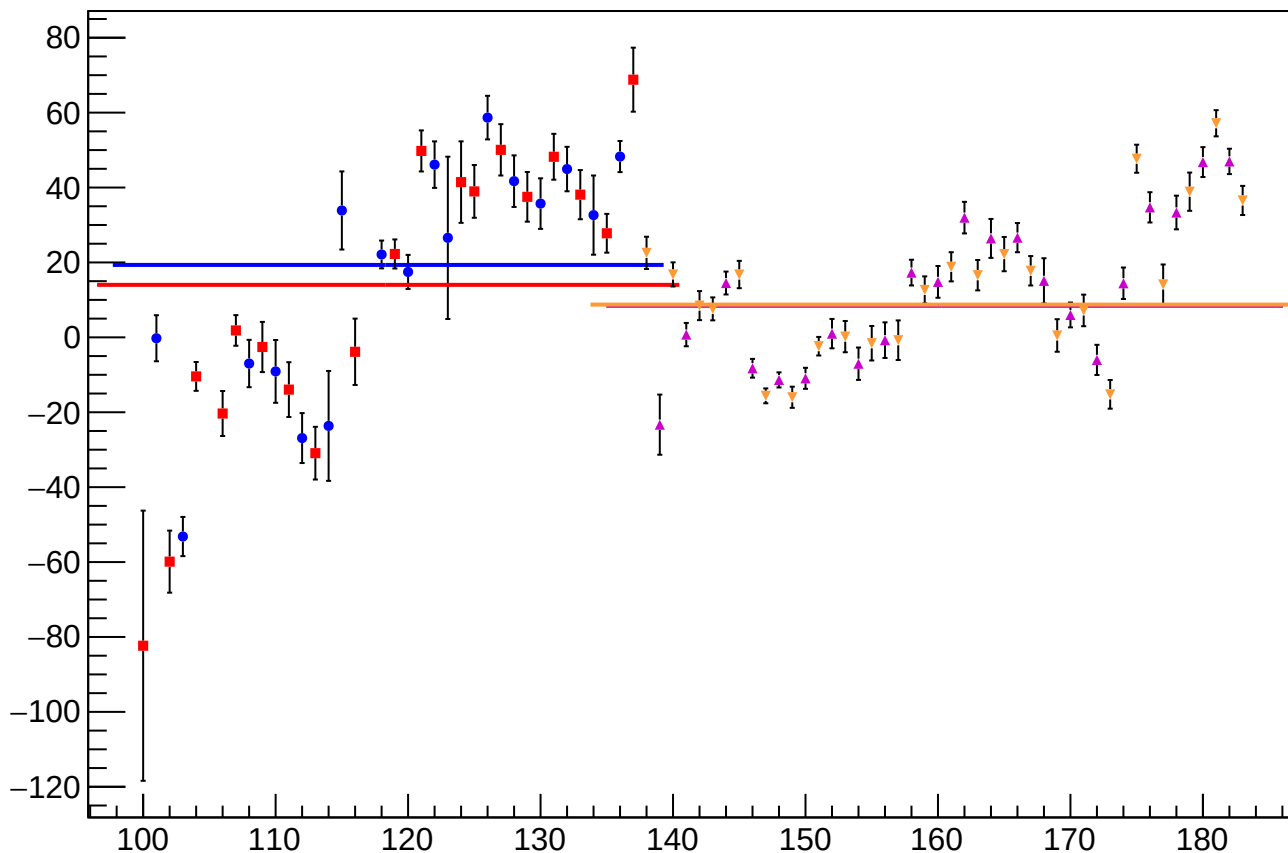
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 171.535+/-1.005 χ^2/NDF :1997.2/21

Out: 167.256+/-0.978 χ^2/NDF :2427.4/23

All: 169.336+/-0.701 χ^2/NDF : 4433.9/45

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 $\chi^2/\text{NDF}: 439.8/16$

Left Out: 8.744 ± 0.732 $\chi^2/\text{NDF}: 736.6/23$

Right Out: 14.018 ± 1.390 $\chi^2/\text{NDF}: 433.2/18$

Left In: 8.411 ± 0.763 $\chi^2/\text{NDF}: 619.6/21$

Left: 8.585 ± 0.528 $\chi^2/\text{NDF}: 1356.3/45$

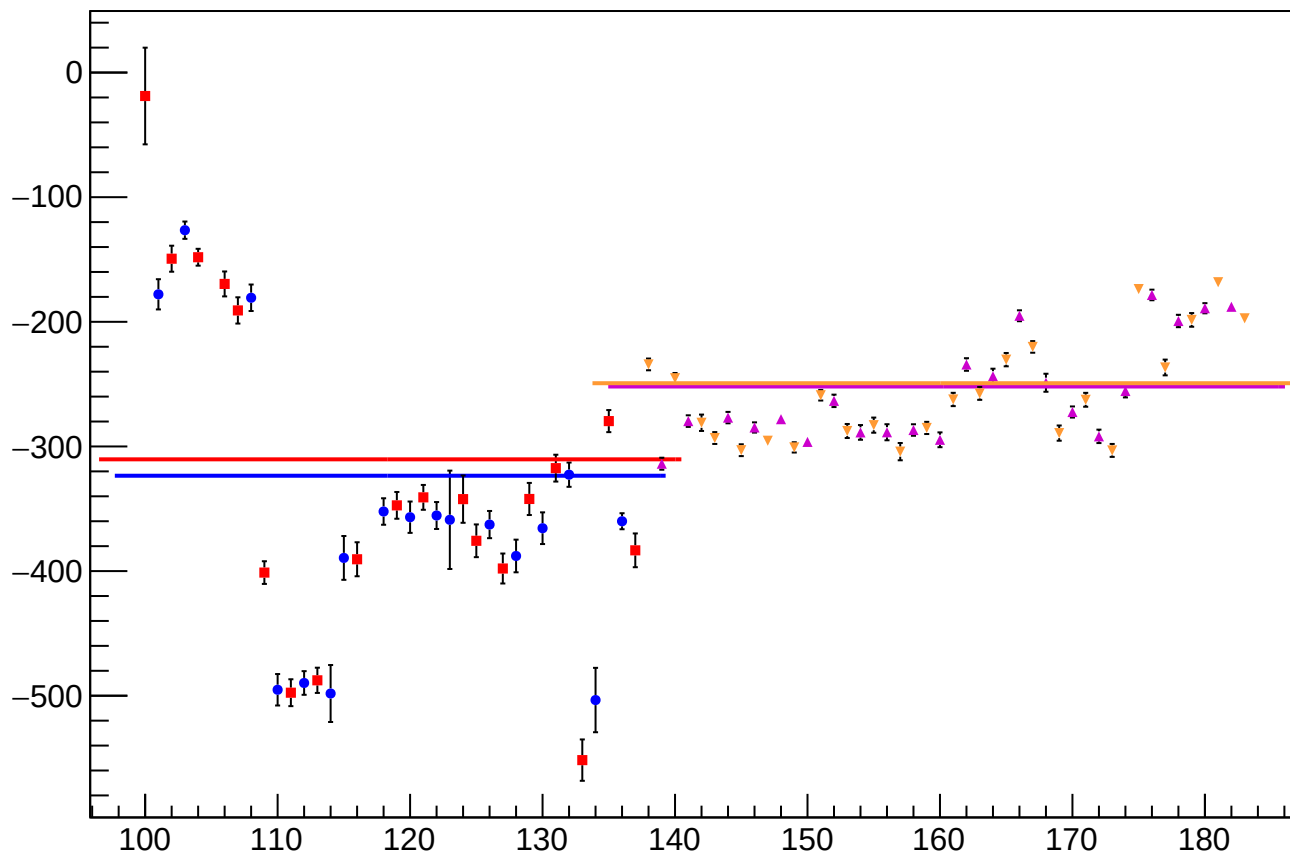
Right: 16.507 ± 1.014 $\chi^2/\text{NDF}: 879.9/35$

In: 10.700 ± 0.678 $\chi^2/\text{NDF}: 1102.4/38$

Out: 9.889 ± 0.648 $\chi^2/\text{NDF}: 1181.0/42$

All: 10.276 ± 0.468 $\chi^2/\text{NDF}: 2284.2/81$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 $\chi^2/\text{NDF}: 1847.6/16$

Left Out: -249.260 ± 0.979 $\chi^2/\text{NDF}: 2200.8/23$

Right Out: -310.336 ± 2.522 $\chi^2/\text{NDF}: 2300.5/18$

Left In: -251.901 ± 0.999 $\chi^2/\text{NDF}: 1926.2/21$

Left: -250.554 ± 0.699 $\chi^2/\text{NDF}: 4130.6/45$

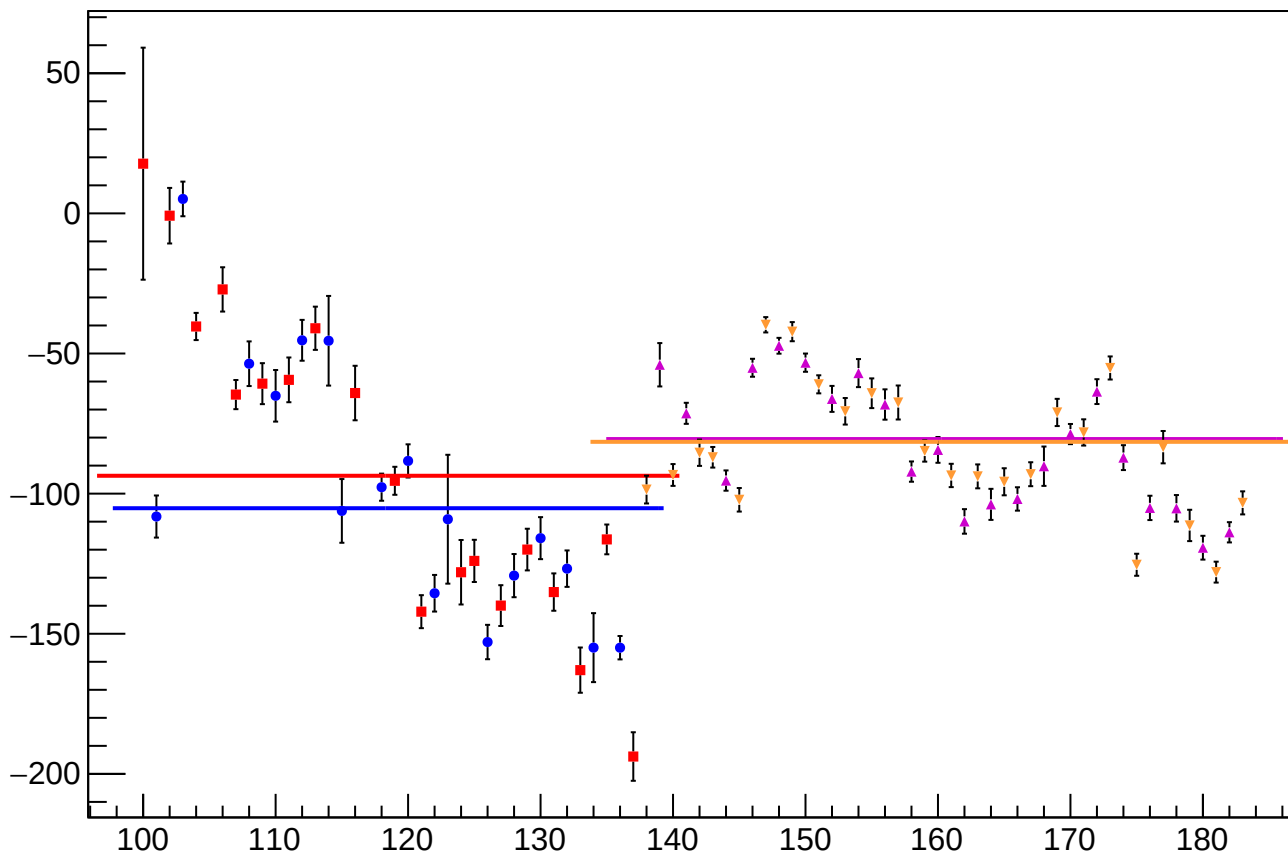
Right: -316.531 ± 1.834 $\chi^2/\text{NDF}: 4160.9/35$

In: -260.683 ± 0.936 $\chi^2/\text{NDF}: 4403.2/38$

Out: -257.261 ± 0.913 $\chi^2/\text{NDF}: 5011.1/42$

All: -258.929 ± 0.653 $\chi^2/\text{NDF}: 9421.2/81$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203 ± 1.697 χ^2/NDF : 735.6/16

Left Out: -81.512 ± 0.848 χ^2/NDF : 891.4/23

Right Out: -93.625 ± 1.610 χ^2/NDF : 822.7/18

Left In: -80.527 ± 0.878 χ^2/NDF : 690.2/21

Left: -81.036 ± 0.610 χ^2/NDF : 1582.2/45

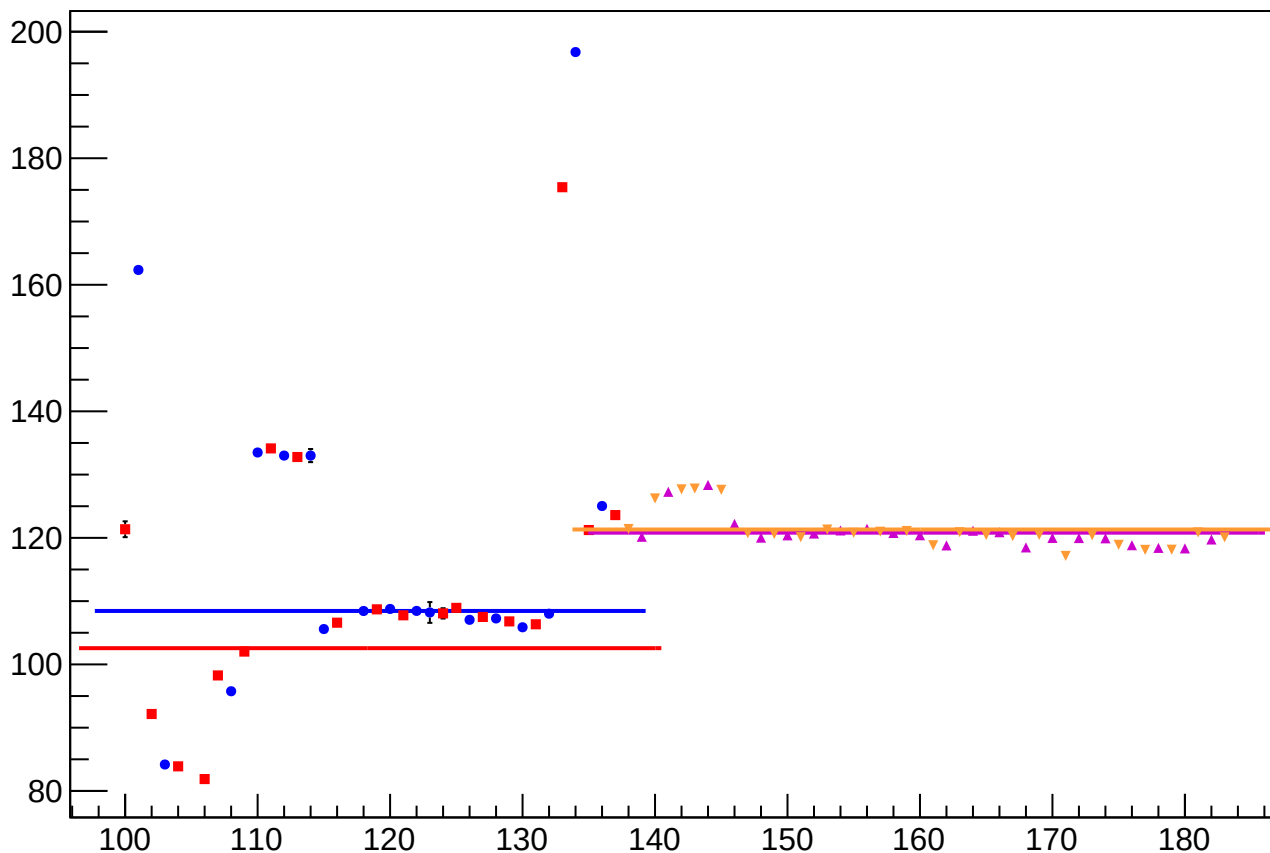
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -85.740 ± 0.780 χ^2/NDF : 1592.6/38

Out: -84.144 ± 0.750 χ^2/NDF : 1758.4/42

All: -84.911 ± 0.541 χ^2/NDF : 3353.2/81

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 121.324 $\pm$ 0.040 χ^2 /NDF: 4883.8/23

Right Out: 102.566 $\pm$ 0.079 χ^2 /NDF: 53135.3/18

Left In: 120.822 $\pm$ 0.041 χ^2 /NDF: 3368.0/21

Left: 121.076 $\pm$ 0.029 χ^2 /NDF: 8328.0/45

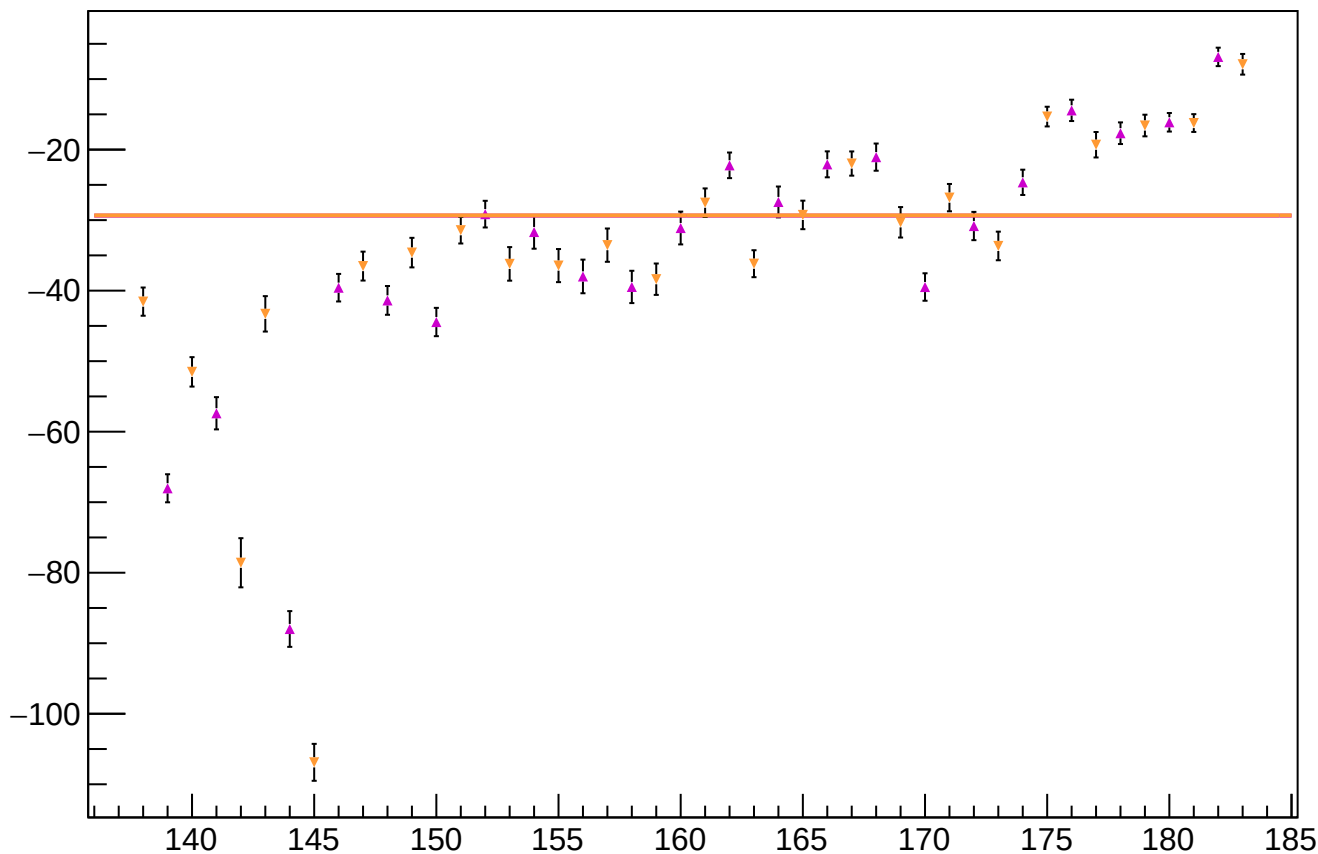
Right: 105.316 $\pm$ 0.058 χ^2 /NDF: 128963.5/35

In: 118.480 $\pm$ 0.037 χ^2 /NDF: 93898.1/38

Out: 117.458 $\pm$ 0.036 χ^2 /NDF: 102283.8/42

All: 117.958 $\pm$ 0.026 χ^2 /NDF: 196574.7/81

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -29.325 $\pm$ 0.392 χ^2 /NDF:1875.3/23

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

Left In: -29.363 $\pm$ 0.399 χ^2 /NDF:1852.0/21

Left: -29.343 $\pm$ 0.280 χ^2 /NDF: 3727.3/45

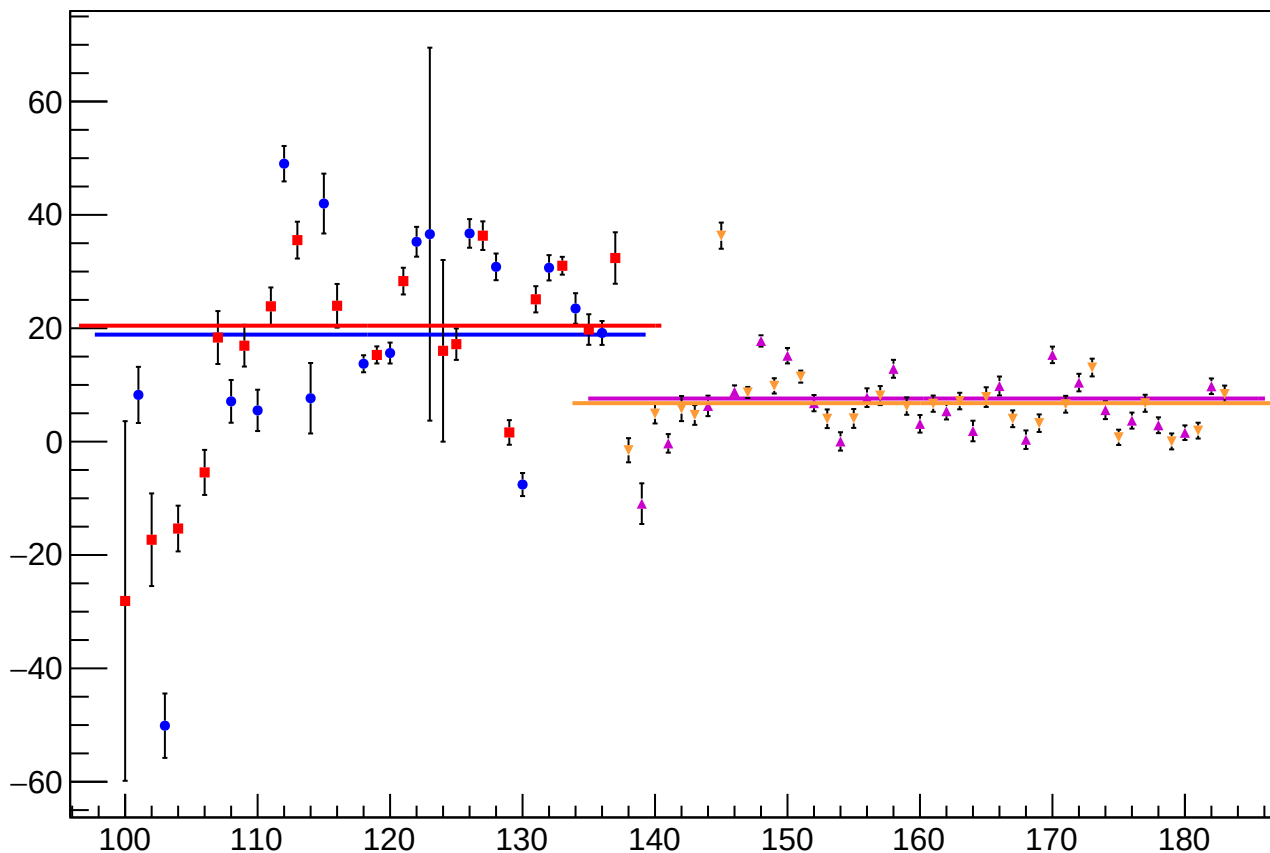
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -29.363 $\pm$ 0.399 χ^2 /NDF:1852.0/21

Out: -29.325 $\pm$ 0.392 χ^2 /NDF:1875.3/23

All: -29.343 $\pm$ 0.280 χ^2 /NDF: 3727.3/45

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 $\pm$ 0.644 χ^2 /NDF: 620.5/16

Left Out: 6.785 $\pm$ 0.305 χ^2 /NDF:297.2/23

Right Out: 20.454 $\pm$ 0.643 χ^2 /NDF: 364.8/18

Left In: 7.603 $\pm$ 0.315 χ^2 /NDF:338.6/21

Left: 7.180 $\pm$ 0.219 χ^2 /NDF: 639.3/45

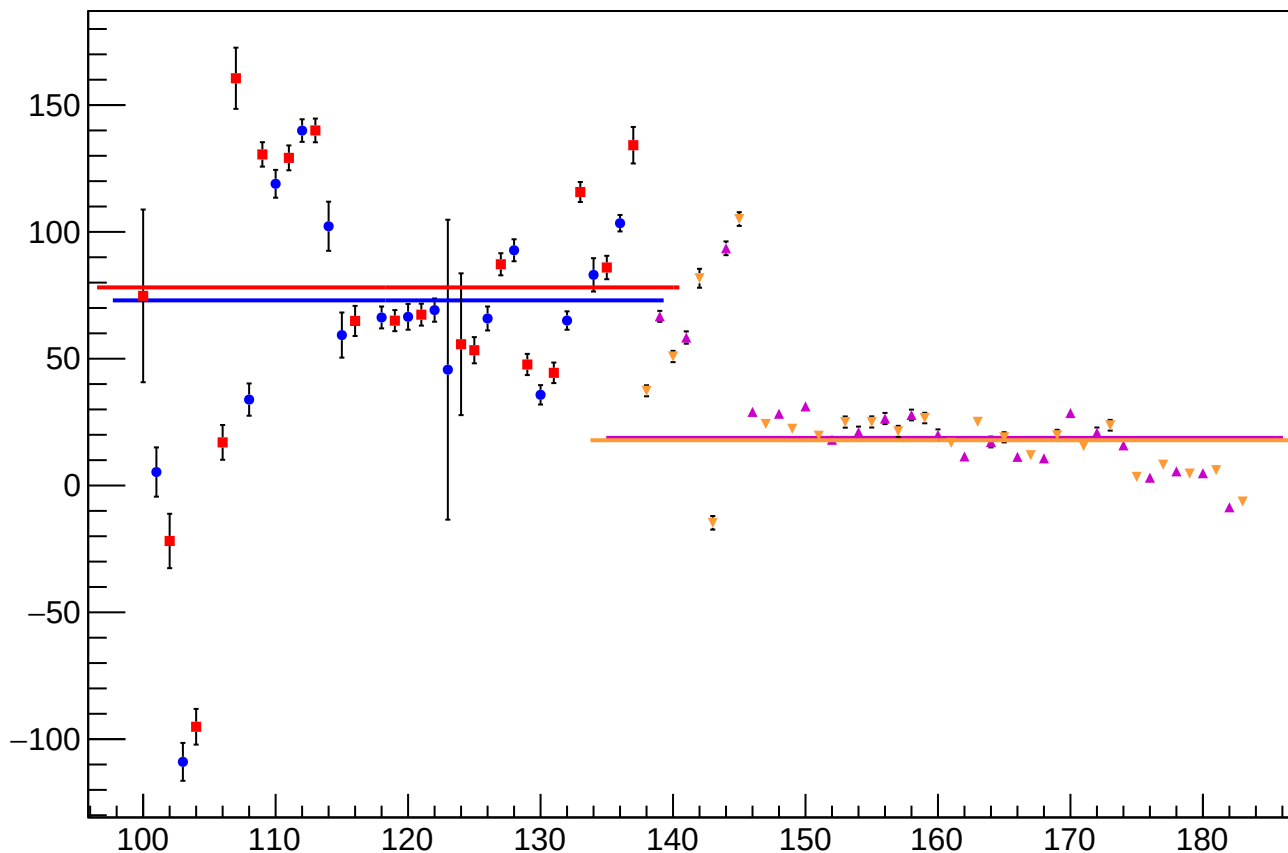
Right: 19.666 $\pm$ 0.455 χ^2 /NDF: 988.3/35

In: 9.780 $\pm$ 0.283 χ^2 /NDF:1206.0/38

Out: 9.292 $\pm$ 0.276 χ^2 /NDF:1030.5/42

All: 9.529 $\pm$ 0.197 χ^2 /NDF: 2238.1/81

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 $\pm$ 1.230 χ^2 /NDF: 1205.5/16

Left Out: 17.851 $\pm$ 0.390 χ^2 /NDF:2423.1/23

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 18.772 $\pm$ 0.396 χ^2 /NDF:2433.8/21

Left: 18.305 $\pm$ 0.278 χ^2 /NDF: 4859.7/45

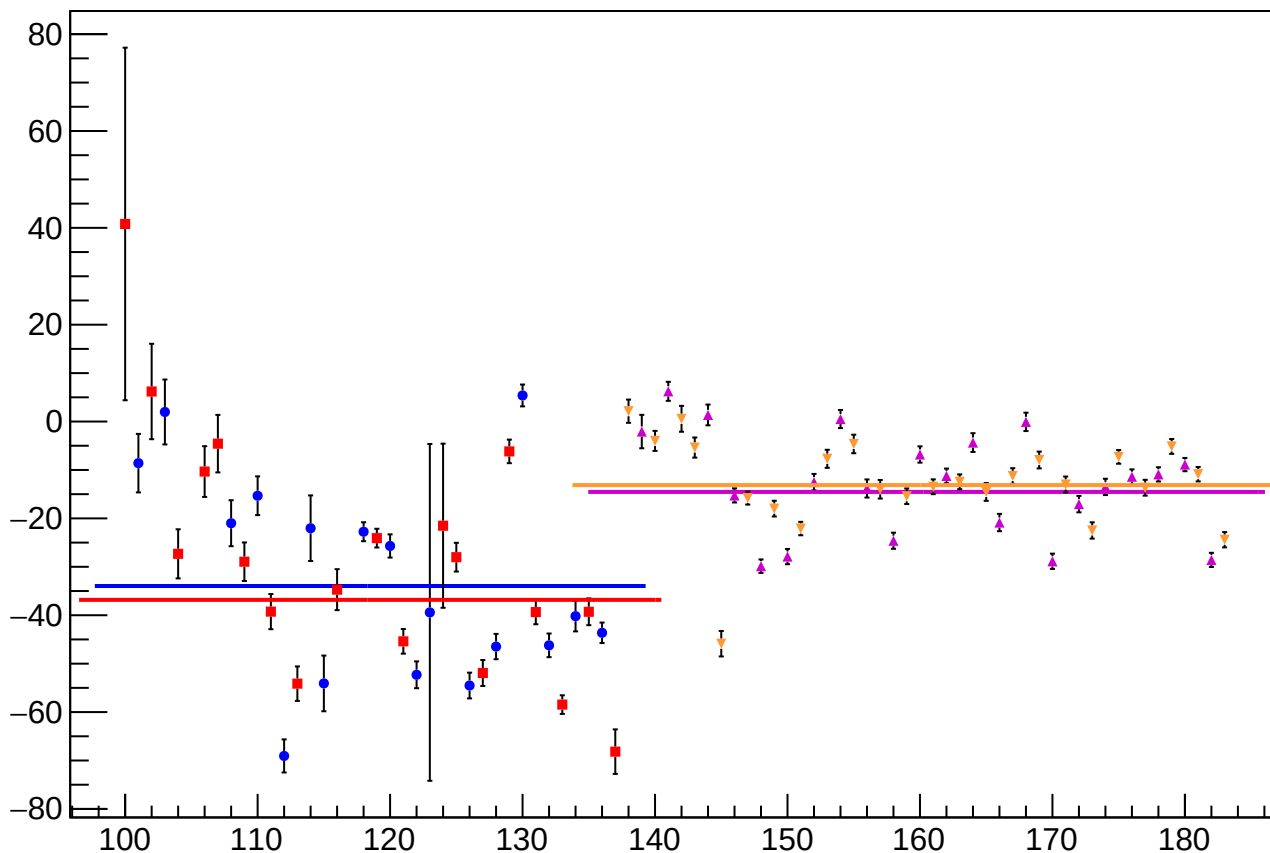
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 23.862 $\pm$ 0.377 χ^2 /NDF:5400.0/38

Out: 23.417 $\pm$ 0.372 χ^2 /NDF:6173.5/42

All: 23.636 $\pm$ 0.265 χ^2 /NDF: 11574.2/81

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 $\chi^2/\text{NDF}: 721.9/16$

Left Out: -13.124 ± 0.346 $\chi^2/\text{NDF}: 479.5/23$

Right Out: -36.824 ± 0.737 $\chi^2/\text{NDF}: 539.9/18$

Left In: -14.538 ± 0.356 $\chi^2/\text{NDF}: 804.8/21$

Left: -13.811 ± 0.248 $\chi^2/\text{NDF}: 1292.4/45$

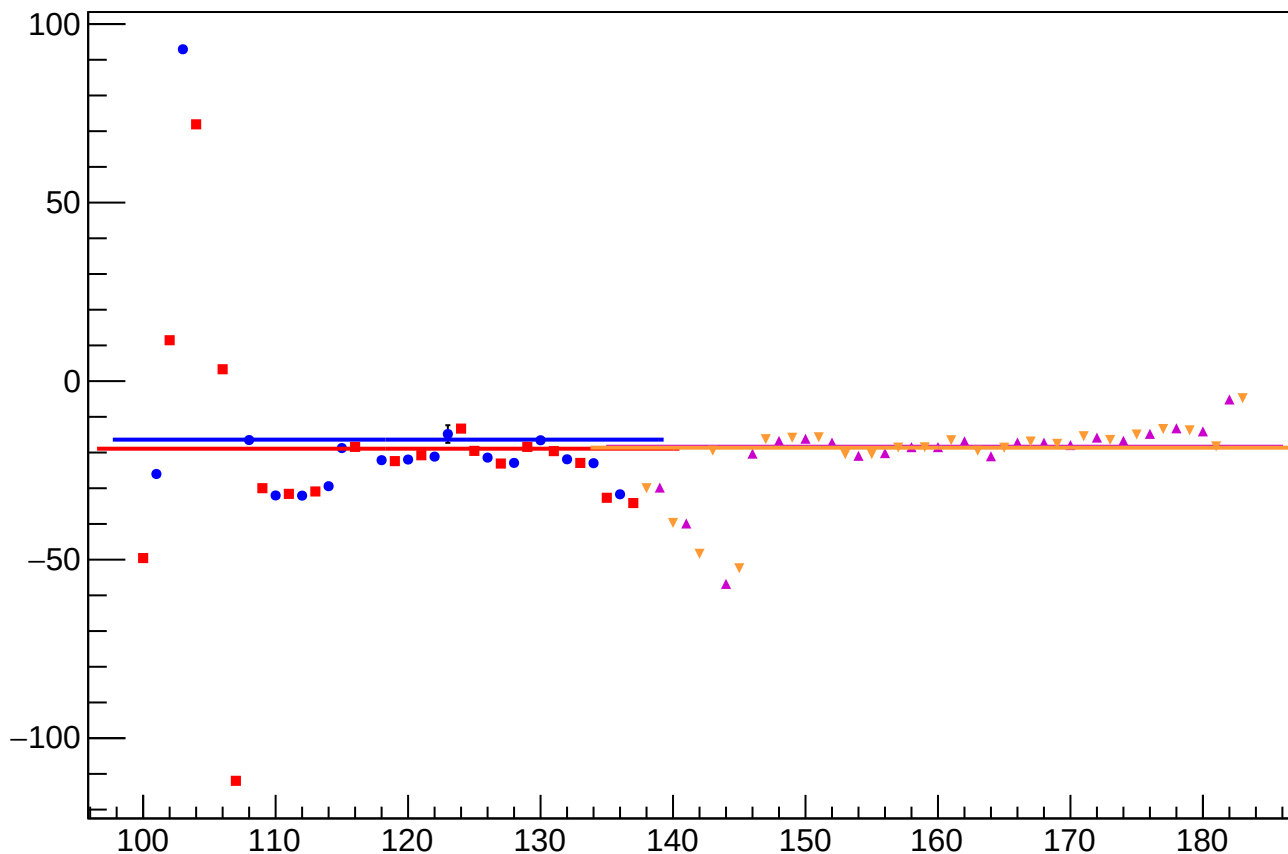
Right: -35.396 ± 0.521 $\chi^2/\text{NDF}: 1269.3/35$

In: -18.215 ± 0.321 $\chi^2/\text{NDF}: 2089.1/38$

Out: -17.415 ± 0.314 $\chi^2/\text{NDF}: 1866.8/42$

All: -17.806 ± 0.224 $\chi^2/\text{NDF}: 3959.1/81$

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -18.638 ± 0.016 $\chi^2/\text{NDF}: 266448.9/23$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -18.373 ± 0.016 $\chi^2/\text{NDF}: 234871.4/21$

Left: -18.507 ± 0.011 $\chi^2/\text{NDF}: 501456.3/45$

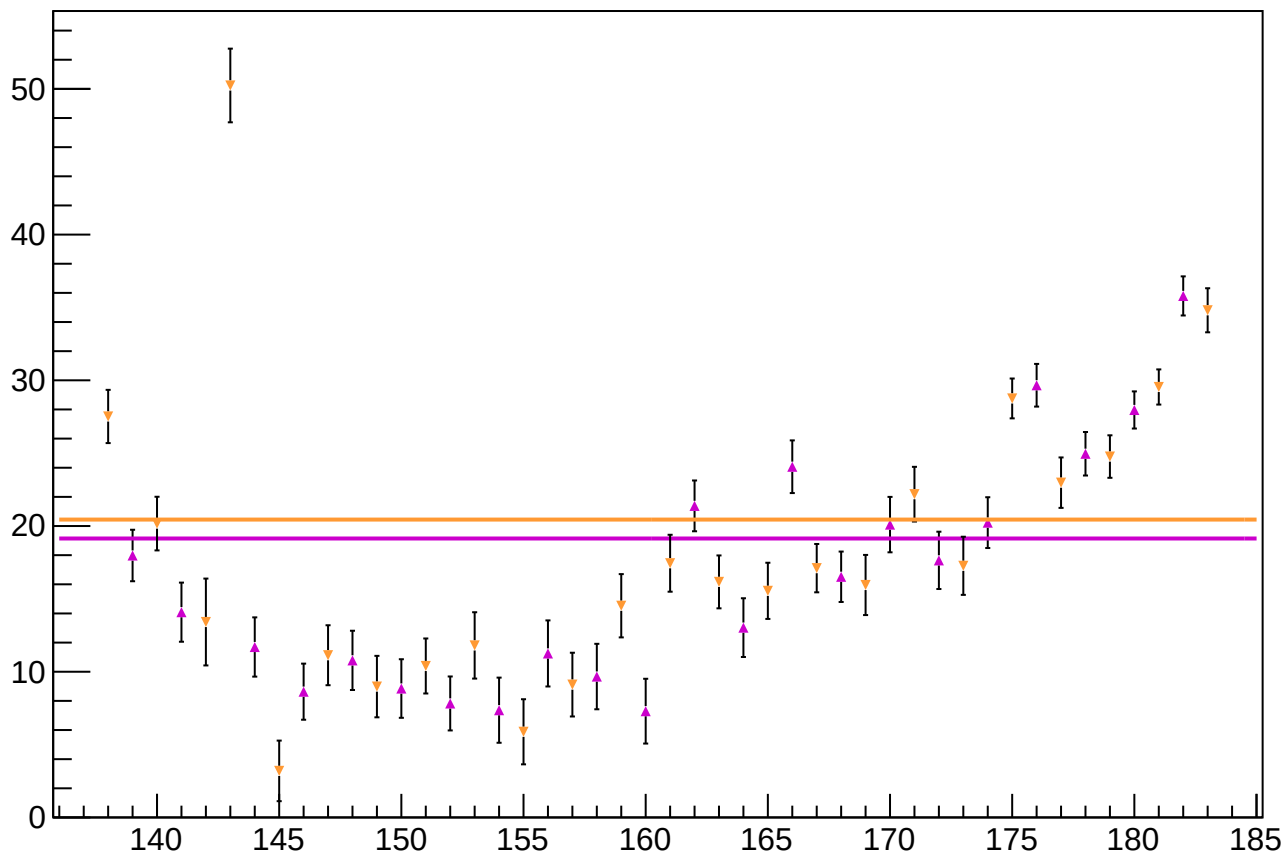
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -18.140 ± 0.015 $\chi^2/\text{NDF}: 710931.3/38$

Out: -18.670 ± 0.015 $\chi^2/\text{NDF}: 700630.6/42$

All: -18.407 ± 0.011 $\chi^2/\text{NDF}: 1412173.5/81$

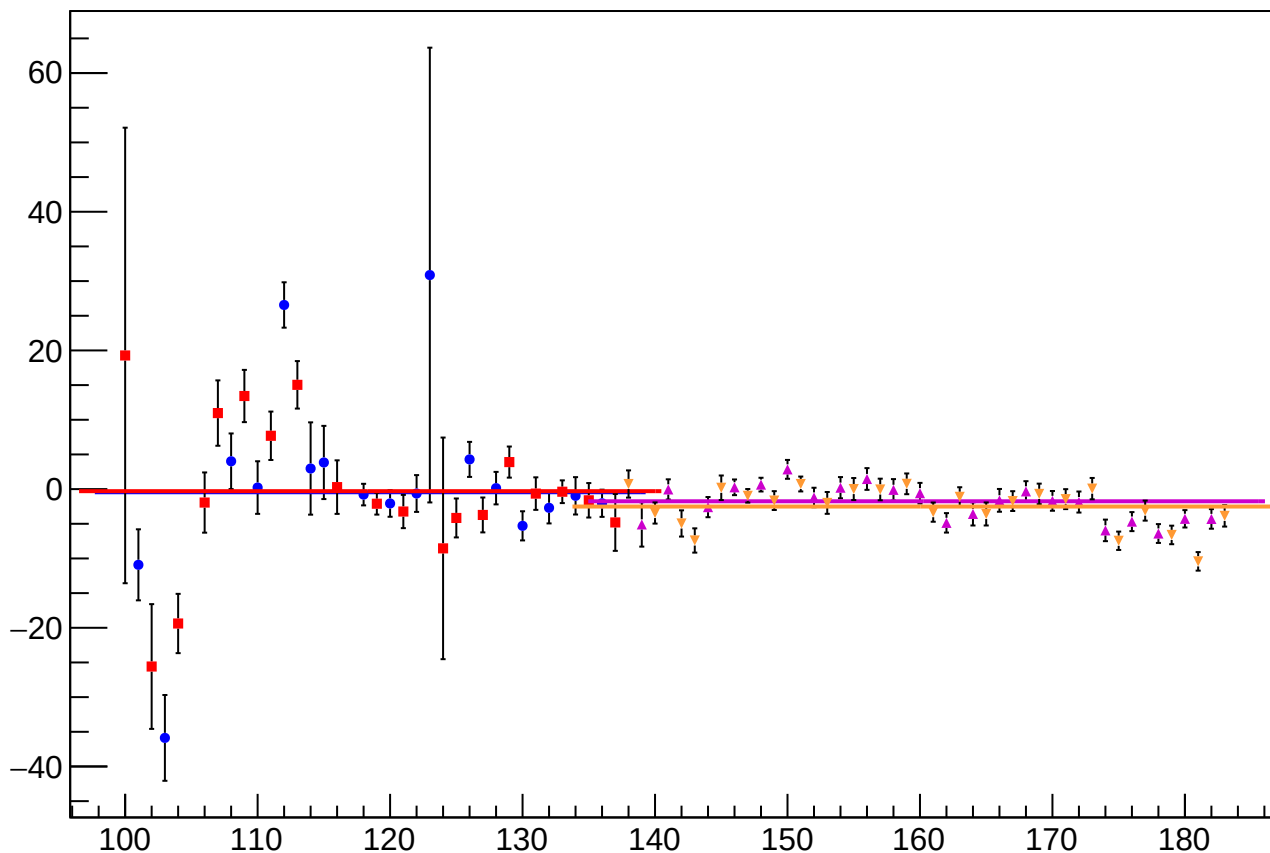
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 20.443 $\pm$ 0.376 χ^2/NDF :619.3/23
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 19.144 $\pm$ 0.383 χ^2/NDF :506.8/21

Left: 19.806 $\pm$ 0.268 χ^2/NDF : 1132.0/45
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 19.144 $\pm$ 0.383 χ^2/NDF :506.8/21
 Out: 20.443 $\pm$ 0.376 χ^2/NDF :619.3/23
 All: 19.806 $\pm$ 0.268 χ^2/NDF : 1132.0/45

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -2.513 ± 0.294 χ^2/NDF : 103.1/23

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: -1.754 ± 0.304 χ^2/NDF : 69.0/21

Left: -2.146 ± 0.211 χ^2/NDF : 175.3/45

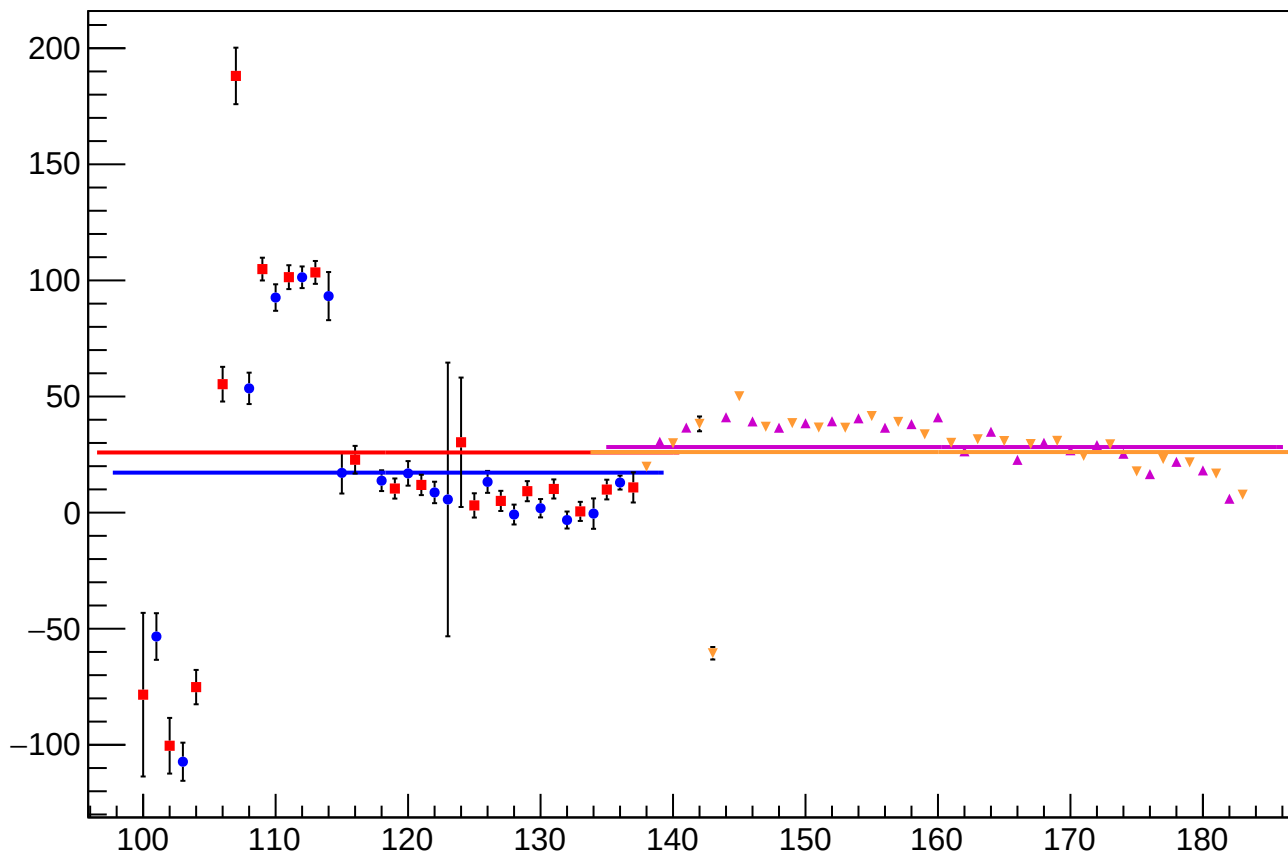
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -1.524 ± 0.275 χ^2/NDF : 191.8/38

Out: -2.144 ± 0.268 χ^2/NDF : 197.0/42

All: -1.842 ± 0.192 χ^2/NDF : 391.5/81

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 ± 1.241 $\chi^2/\text{NDF}: 940.1/16$

Left Out: 26.079 ± 0.375 $\chi^2/\text{NDF}: 1698.9/23$

Right Out: 25.902 ± 1.243 $\chi^2/\text{NDF}: 1374.8/18$

Left In: 28.245 ± 0.381 $\chi^2/\text{NDF}: 714.4/21$

Left: 27.145 ± 0.267 $\chi^2/\text{NDF}: 2429.7/45$

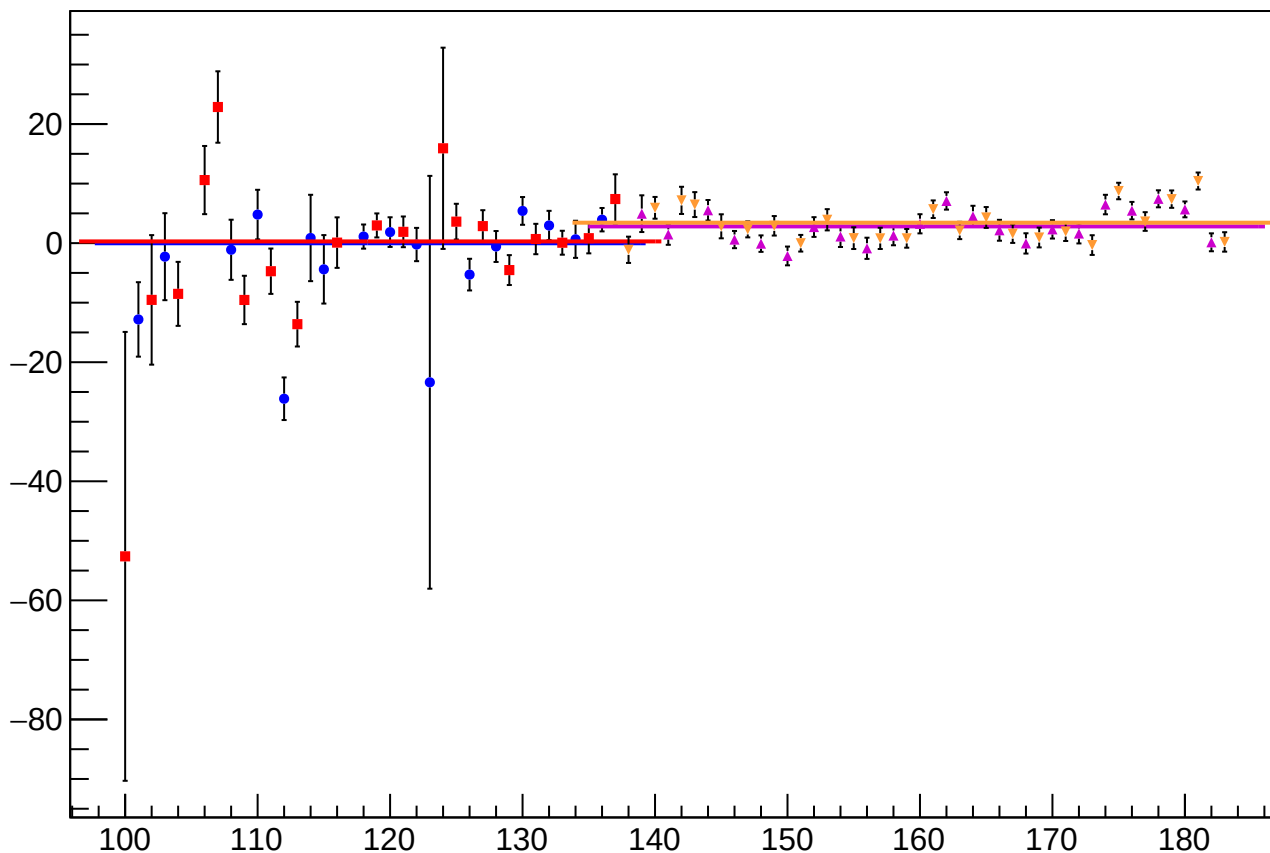
Right: 21.552 ± 0.878 $\chi^2/\text{NDF}: 2339.3/35$

In: 27.297 ± 0.364 $\chi^2/\text{NDF}: 1726.7/38$

Out: 26.065 ± 0.359 $\chi^2/\text{NDF}: 3073.6/42$

All: 26.672 ± 0.255 $\chi^2/\text{NDF}: 4806.1/81$

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 χ^2/NDF : 75.8/16

Left Out: 3.434 ± 0.333 χ^2/NDF : 88.1/23

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 2.810 ± 0.343 χ^2/NDF : 65.9/21

Left: 3.131 ± 0.239 χ^2/NDF : 155.7/45

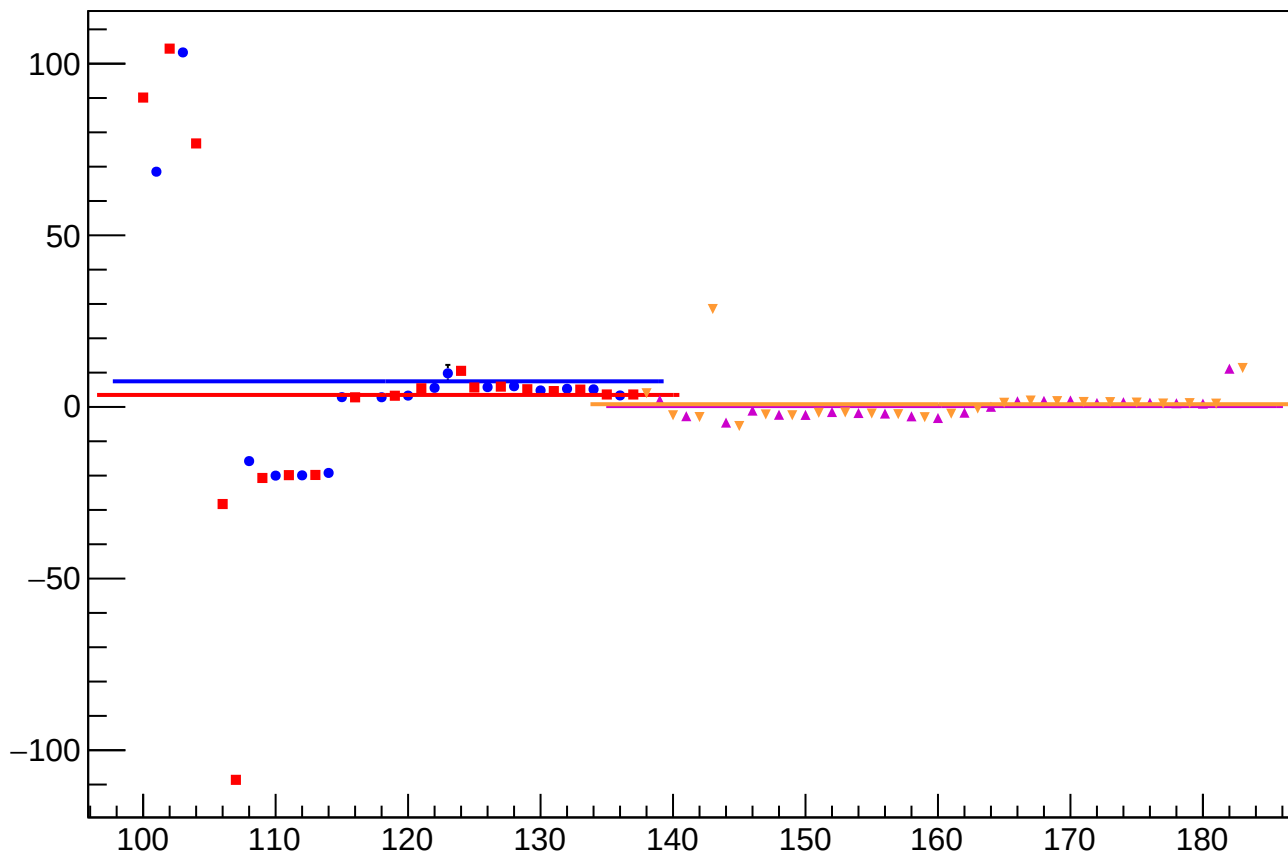
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 2.315 ± 0.312 χ^2/NDF : 153.7/38

Out: 2.915 ± 0.305 χ^2/NDF : 158.8/42

All: 2.621 ± 0.218 χ^2/NDF : 314.4/81

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 ± 0.044 χ^2/NDF : 355890.1/16

Left Out: 0.801 ± 0.015 χ^2/NDF : 109761.8/23

Right Out: 3.500 ± 0.046 χ^2/NDF : 510577.2/18

Left In: 0.253 ± 0.015 χ^2/NDF : 41503.3/21

Left: 0.530 ± 0.011 χ^2/NDF : 151897.5/45

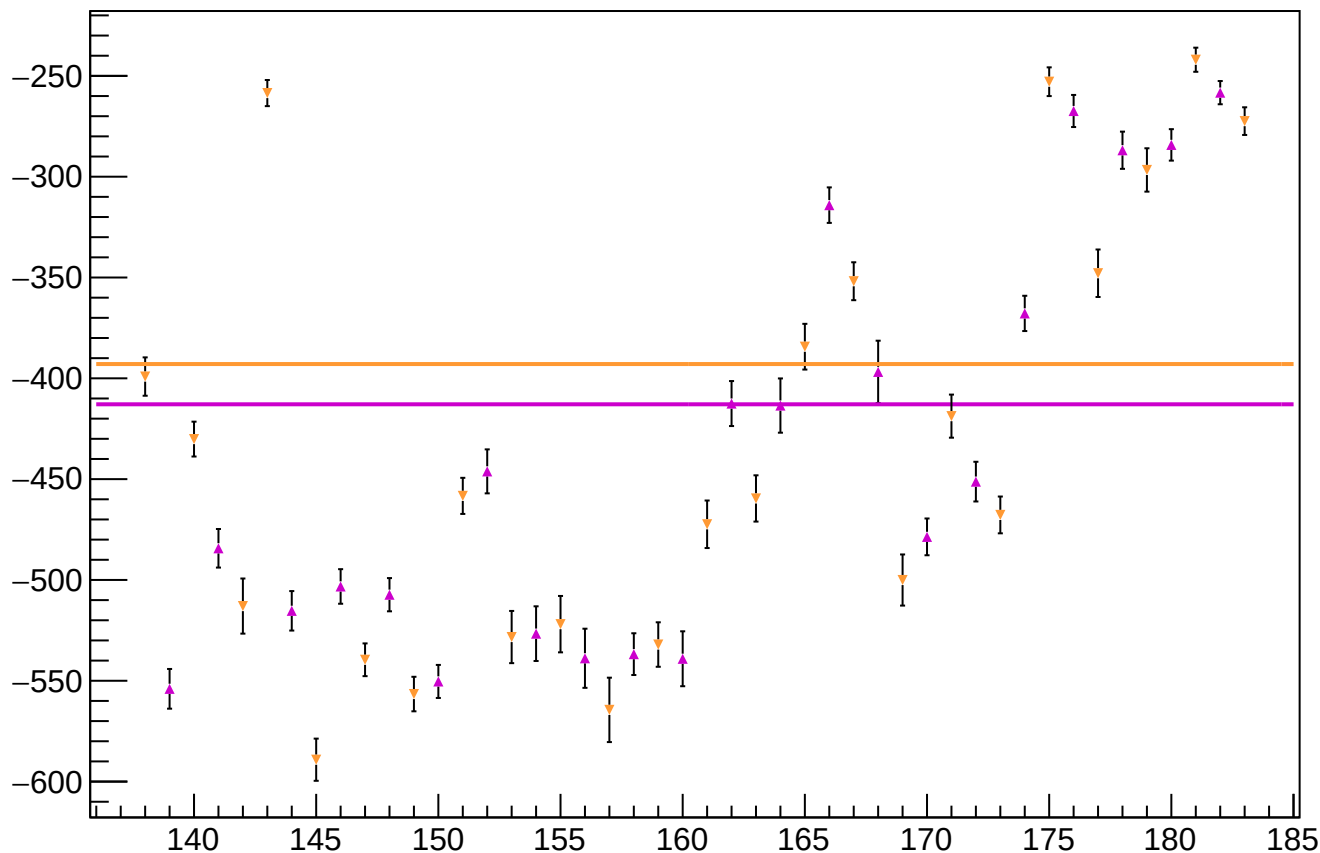
Right: 5.531 ± 0.032 χ^2/NDF : 870350.4/35

In: 1.034 ± 0.015 χ^2/NDF : 420862.2/38

Out: 1.075 ± 0.015 χ^2/NDF : 623491.9/42

All: 1.055 ± 0.010 χ^2/NDF : 1044358.2/81

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: -392.920 ± 1.914 χ^2/NDF : 3762.2/23

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

Left In: -412.882 ± 2.007 χ^2/NDF : 3009.8/21

Left: -402.429 ± 1.385 χ^2/NDF : 6823.7/45

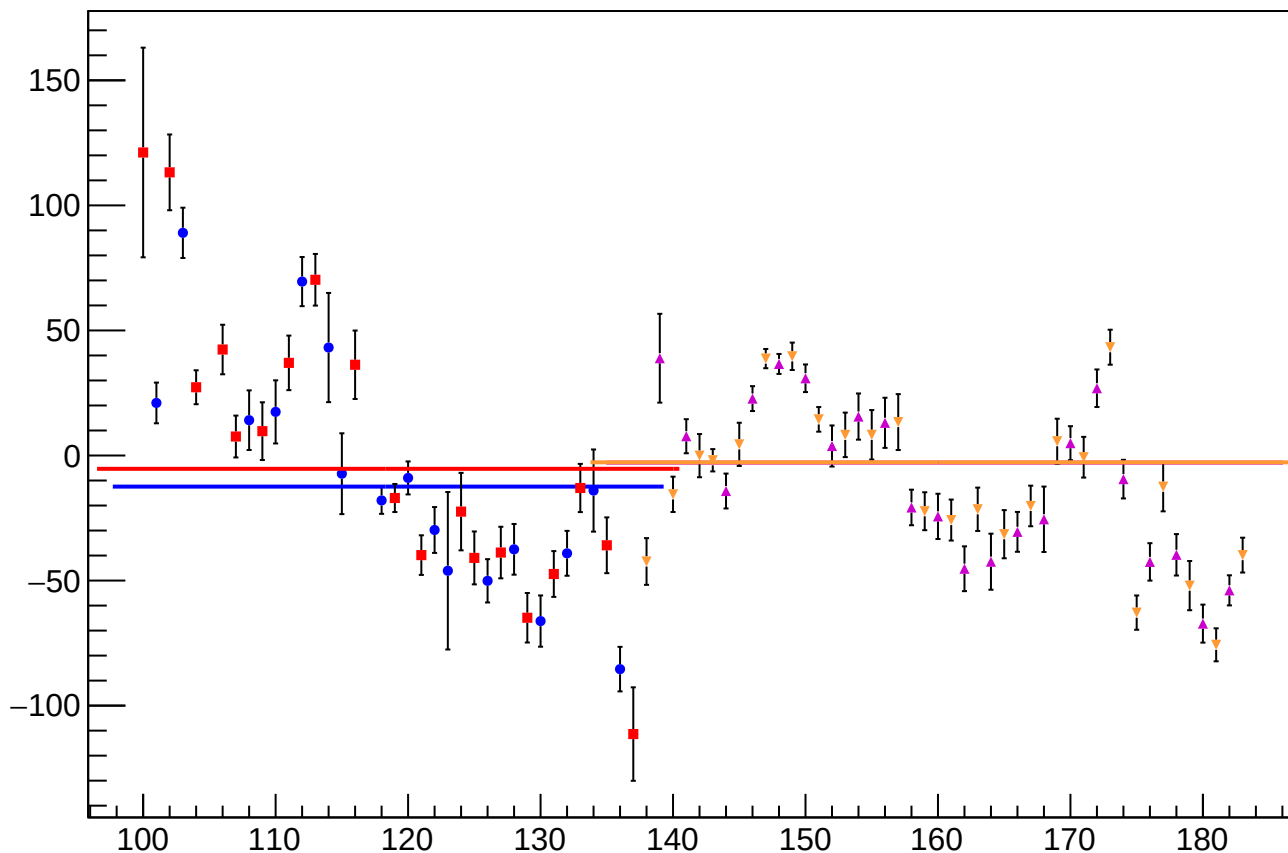
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -412.882 ± 2.007 χ^2/NDF : 3009.8/21

Out: -392.920 ± 1.914 χ^2/NDF : 3762.2/23

All: -402.429 ± 1.385 χ^2/NDF : 6823.7/45

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 χ^2/NDF : 340.2/16

Left Out: -2.724 ± 1.433 χ^2/NDF : 546.2/23

Right Out: -5.317 ± 2.260 χ^2/NDF : 342.8/18

Left In: -2.844 ± 1.533 χ^2/NDF : 450.6/21

Left: -2.780 ± 1.047 χ^2/NDF : 996.8/45

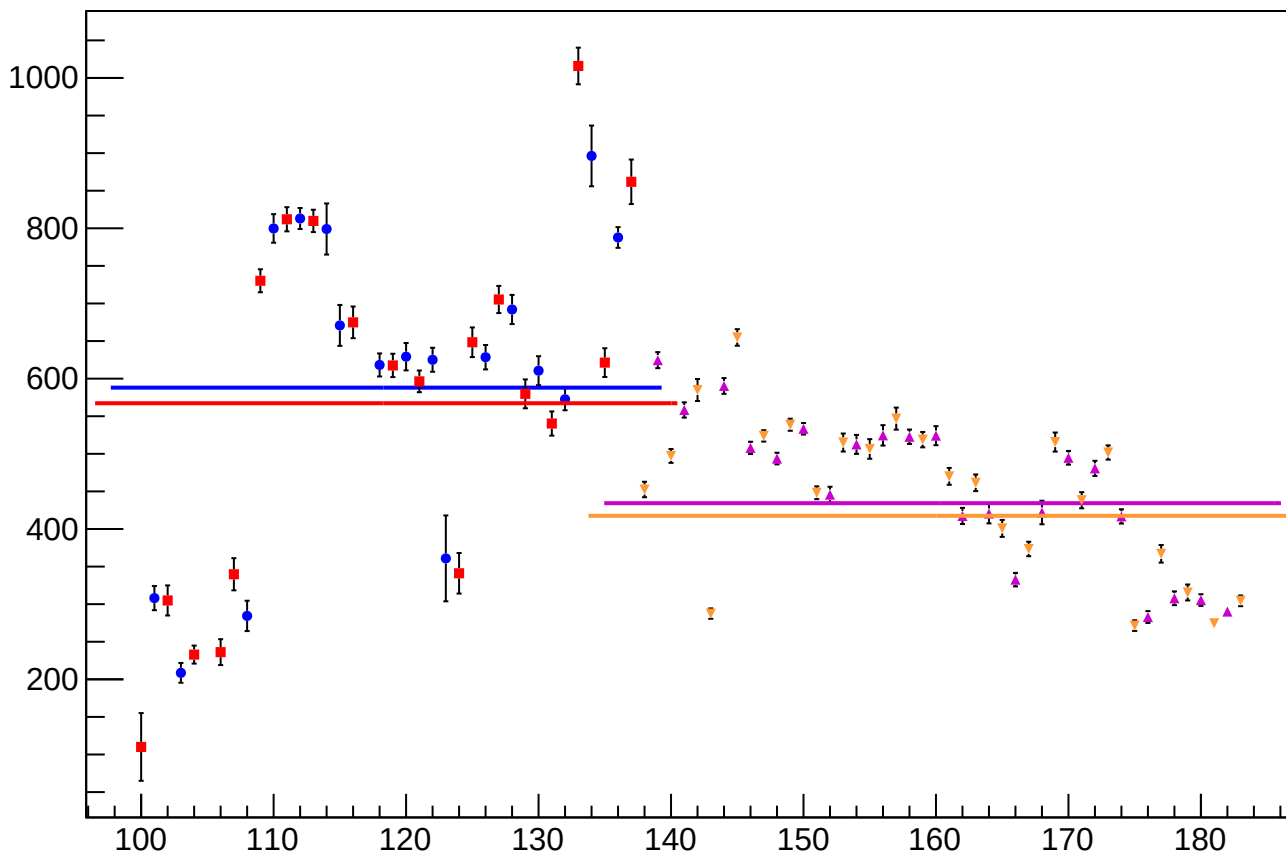
Right: -8.788 ± 1.617 χ^2/NDF : 687.9/35

In: -5.767 ± 1.278 χ^2/NDF : 802.8/38

Out: -3.468 ± 1.210 χ^2/NDF : 889.9/42

All: -4.555 ± 0.879 χ^2/NDF : 1694.4/81

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 $\pm$ 4.329 χ^2 /NDF: 2127.7/16

Left Out: 417.540 $\pm$ 1.921 χ^2 /NDF:3279.1/23

Right Out: 567.313 $\pm$ 4.133 χ^2 /NDF: 2784.3/18

Left In: 434.341 $\pm$ 1.996 χ^2 /NDF:2833.6/21

Left: 425.616 $\pm$ 1.384 χ^2 /NDF: 6149.5/45

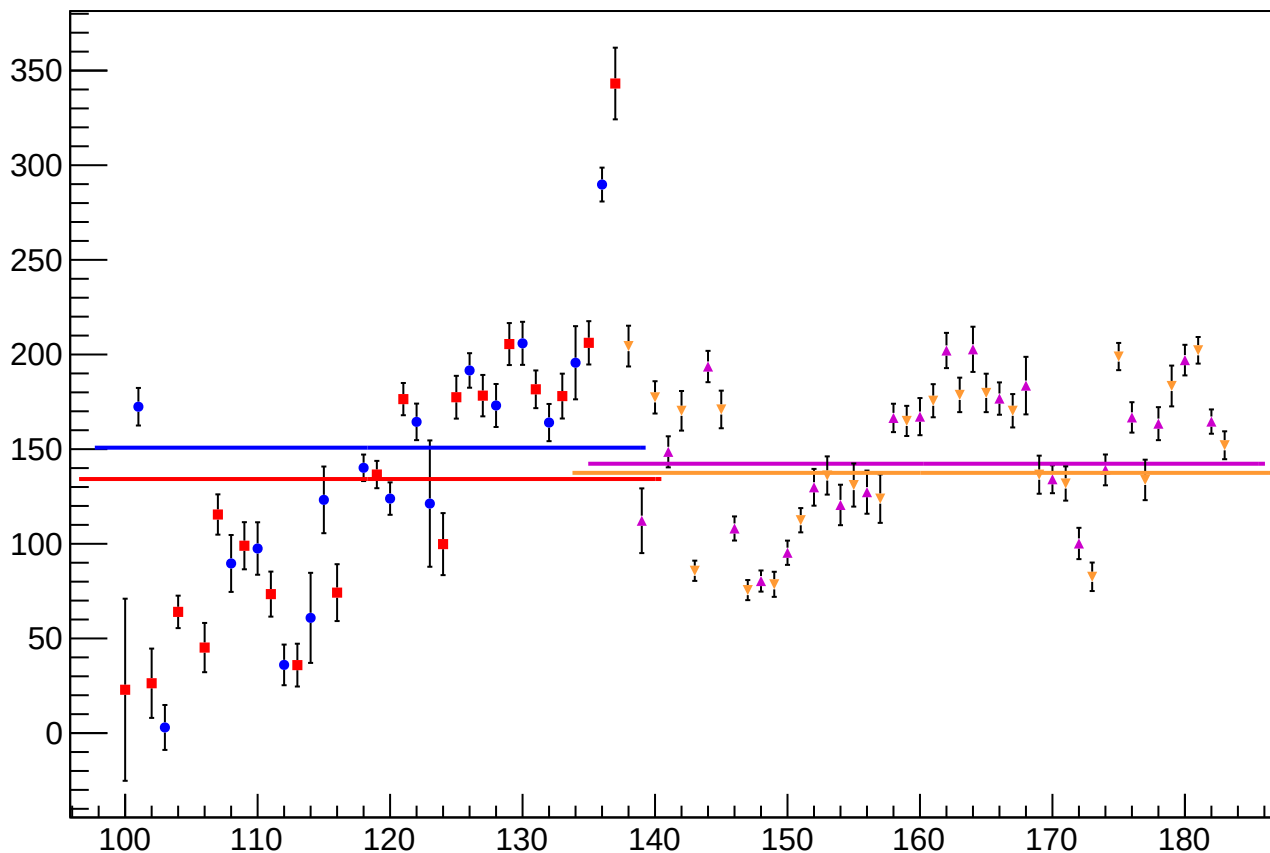
Right: 577.194 $\pm$ 2.989 χ^2 /NDF: 4924.0/35

In: 461.296 $\pm$ 1.813 χ^2 /NDF:6000.8/38

Out: 444.140 $\pm$ 1.742 χ^2 /NDF:7143.3/42

All: 452.375 $\pm$ 1.256 χ^2 /NDF: 13190.7/81

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2 /NDF: 633.1/16

Left Out: 137.476 $\pm$ 1.663 χ^2 /NDF: 723.4/23

Right Out: 134.219 $\pm$ 2.615 χ^2 /NDF: 581.6/18

Left In: 142.299 $\pm$ 1.762 χ^2 /NDF: 463.4/21

Left: 139.749 $\pm$ 1.210 χ^2 /NDF: 1190.7/45

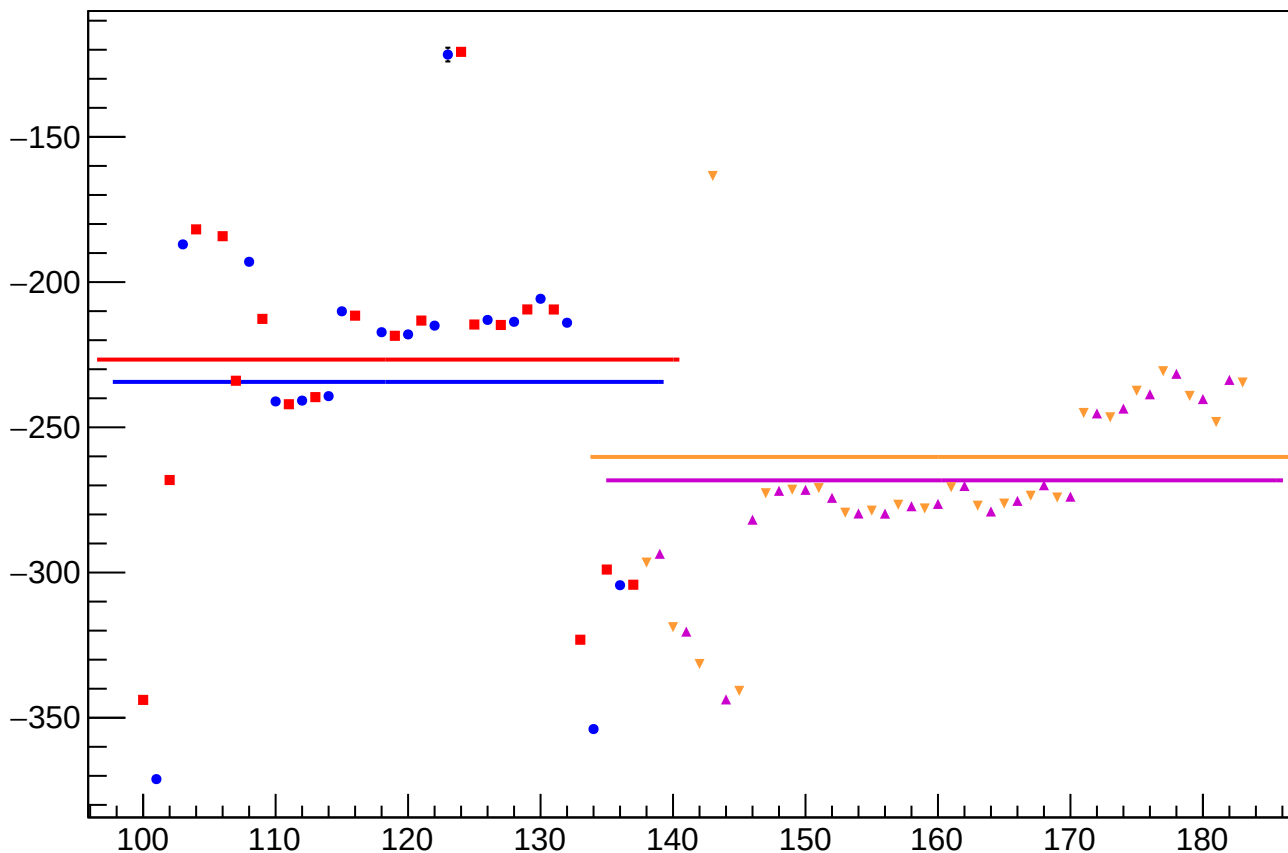
Right: 142.302 $\pm$ 1.872 χ^2 /NDF: 1234.3/35

In: 144.861 $\pm$ 1.472 χ^2 /NDF: 1103.5/38

Out: 136.538 $\pm$ 1.404 χ^2 /NDF: 1306.1/42

All: 140.501 $\pm$ 1.016 χ^2 /NDF: 2426.3/81

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360+/-0.148 χ^2/NDF : 145159.1/16

Left Out: -260.198+/-0.080 χ^2/NDF : 235534.6/23

Right Out: -226.674+/-0.141 χ^2/NDF : 99490.5/18

Left In: -268.258+/-0.083 χ^2/NDF : 95224.5/21

Left: -264.103+/-0.057 χ^2/NDF : 335677.7/45

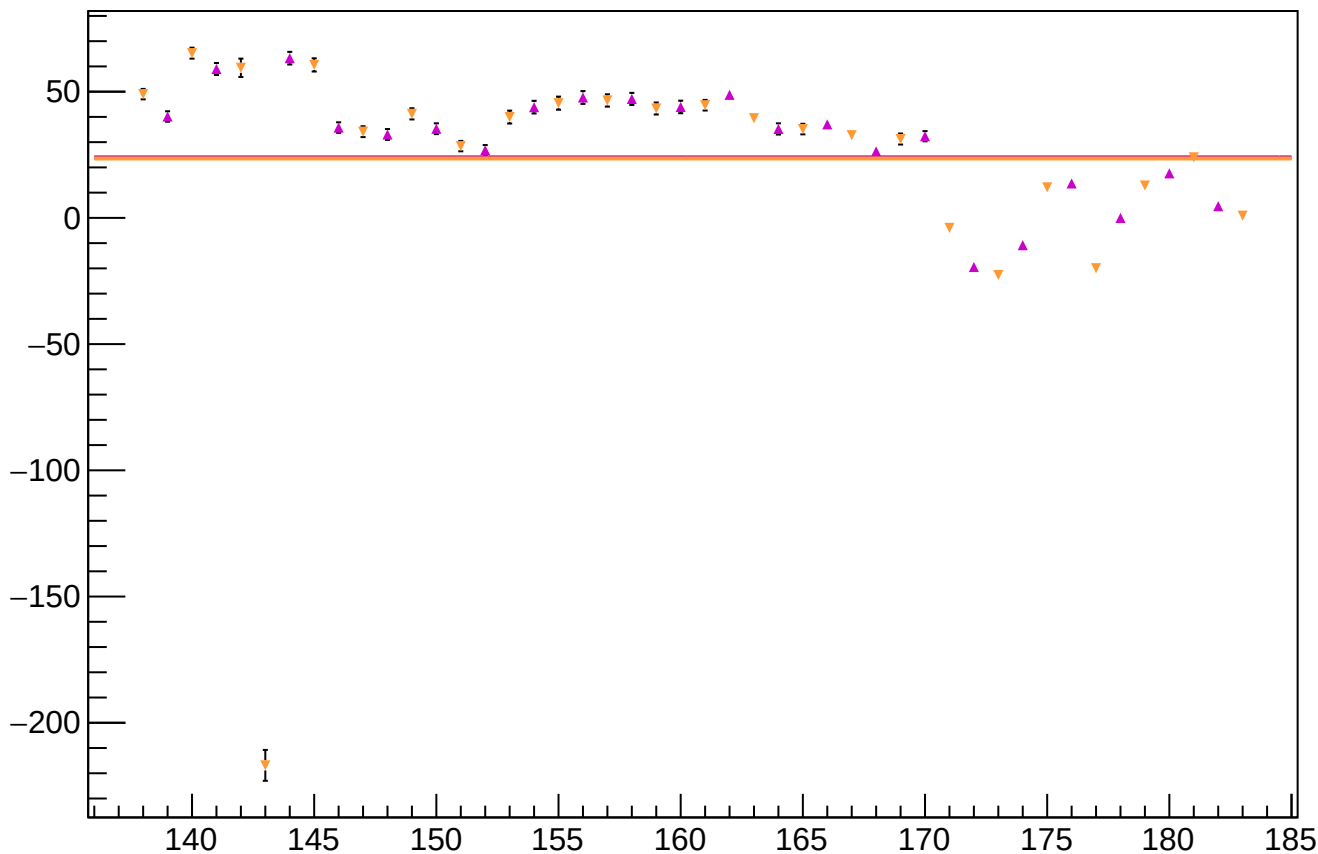
Right: -230.326+/-0.102 χ^2/NDF : 246056.0/35

In: -260.258+/-0.072 χ^2/NDF : 280205.7/38

Out: -252.058+/-0.070 χ^2/NDF : 377673.1/42

All: -256.012+/-0.050 χ^2/NDF : 664571.0/81

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: 23.539+/-0.402 χ^2/NDF :4620.7/23

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

Left In: 23.976+/-0.406 χ^2/NDF :2624.8/21

Left: 23.756+/-0.286 χ^2/NDF : 7246.1/45

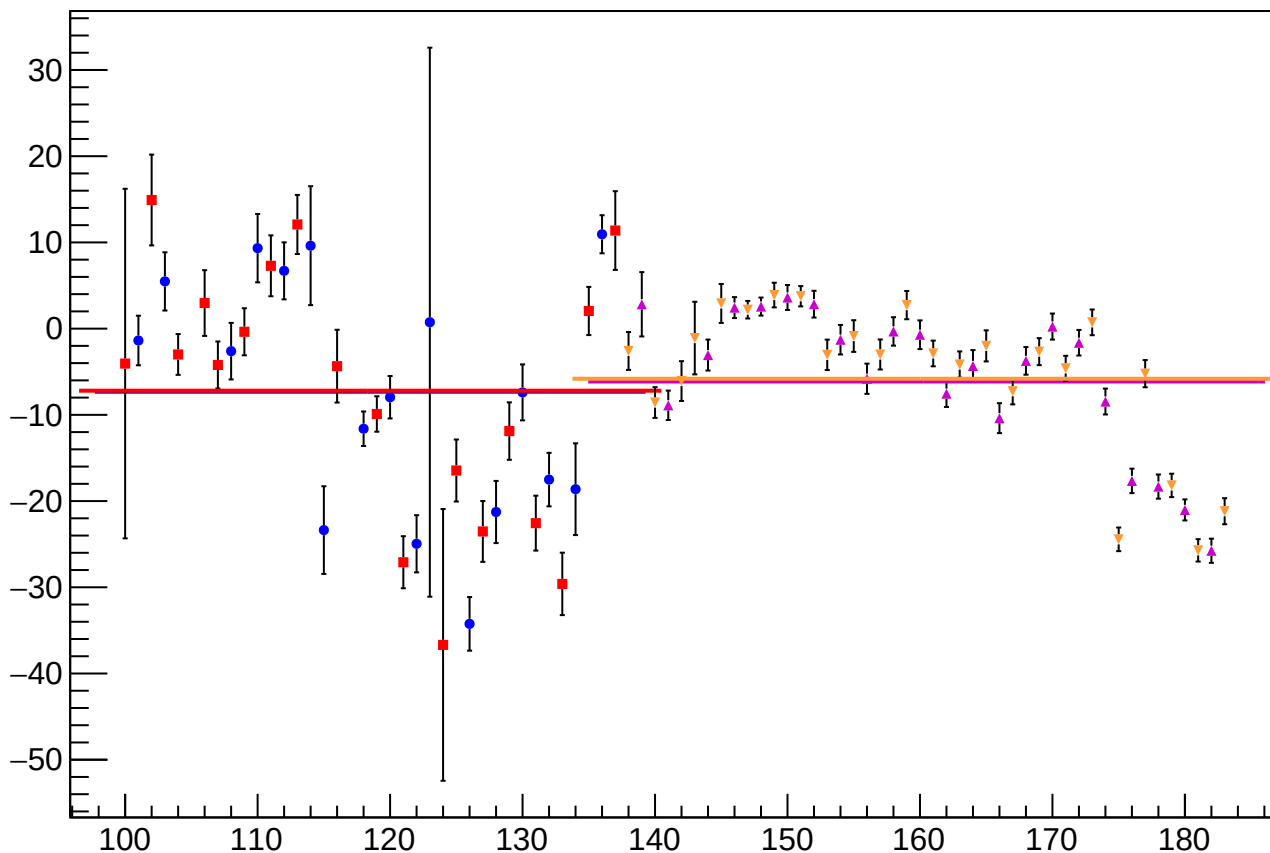
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 23.976+/-0.406 χ^2/NDF :2624.8/21

Out: 23.539+/-0.402 χ^2/NDF :4620.7/23

All: 23.756+/-0.286 χ^2/NDF : 7246.1/45

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.313 ± 0.780 χ^2/NDF : 279.1/16

Left Out: -5.813 ± 0.318 χ^2/NDF : 874.6/23

Right Out: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: -6.135 ± 0.323 χ^2/NDF : 766.3/21

Left: -5.971 ± 0.227 χ^2/NDF : 1641.4/45

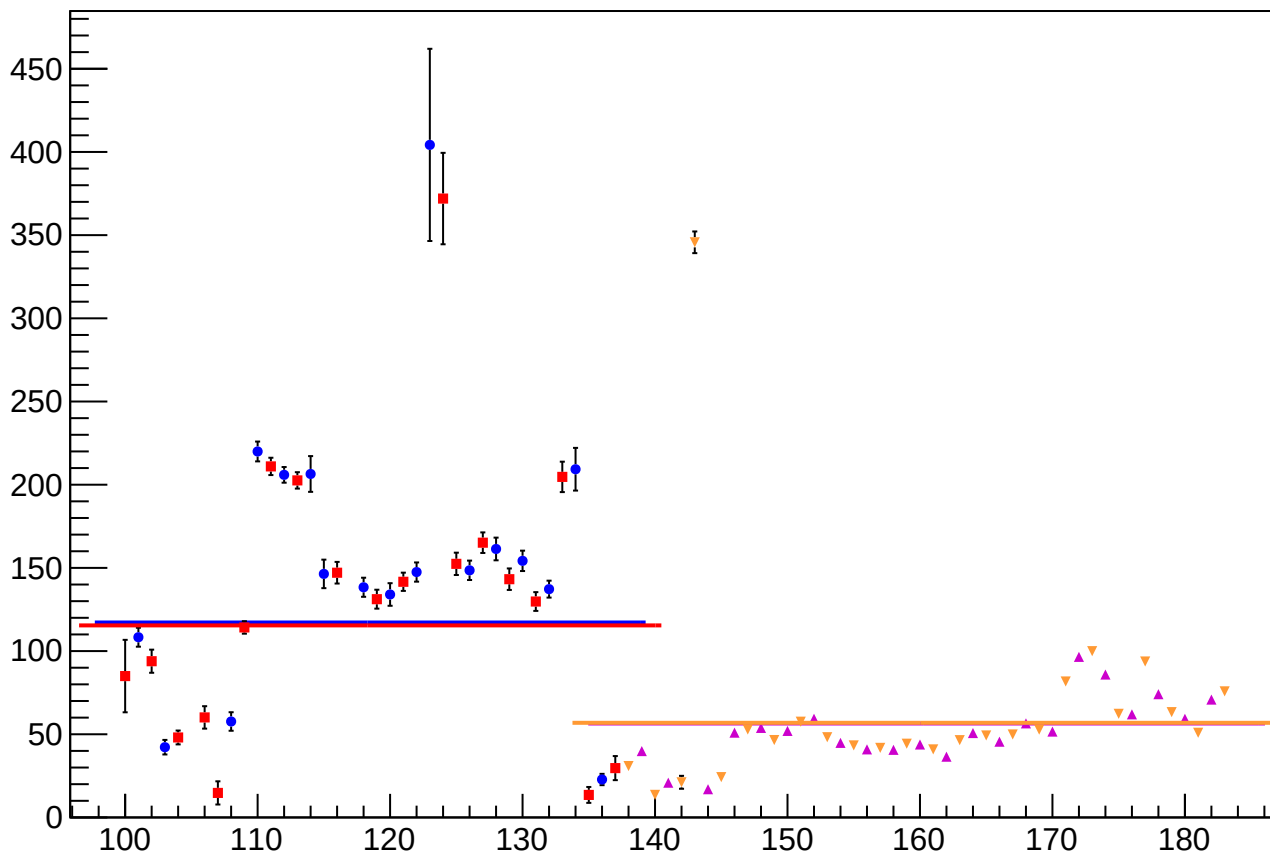
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -6.308 ± 0.299 χ^2/NDF : 1047.3/38

Out: -6.018 ± 0.293 χ^2/NDF : 1129.5/42

All: -6.160 ± 0.209 χ^2/NDF : 2177.3/81

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177 $\pm$ 1.411 χ^2 /NDF: 2159.6/16

Left Out: 56.889 $\pm$ 0.401 χ^2 /NDF:4166.5/23

Right Out: 115.437 $\pm$ 1.361 χ^2 /NDF: 2151.2/18

Left In: 56.472 $\pm$ 0.403 χ^2 /NDF:1725.9/21

Left: 56.682 $\pm$ 0.284 χ^2 /NDF: 5892.9/45

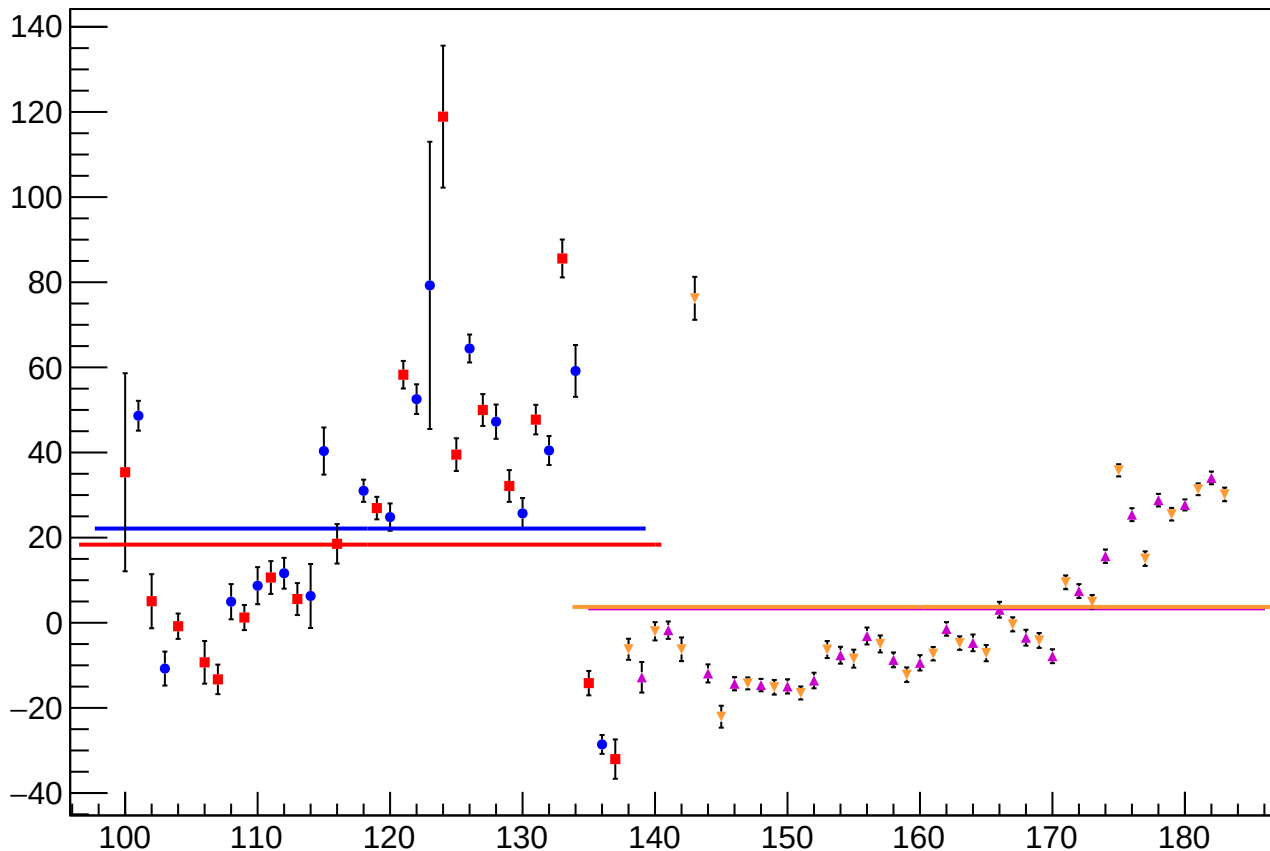
Right: 116.275 $\pm$ 0.980 χ^2 /NDF: 4311.6/35

In: 61.055 $\pm$ 0.388 χ^2 /NDF:5595.8/38

Out: 61.570 $\pm$ 0.385 χ^2 /NDF:8021.5/42

All: 61.315 $\pm$ 0.273 χ^2 /NDF: 13618.2/81

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 $\pm$ 0.891 χ^2 /NDF: 1064.1/16

Left Out: 3.722 $\pm$ 0.359 χ^2 /NDF:2540.8/23

Right Out: 18.355 $\pm$ 0.871 χ^2 /NDF: 1070.9/18

Left In: 3.382 $\pm$ 0.364 χ^2 /NDF:2136.3/21

Left: 3.554 $\pm$ 0.256 χ^2 /NDF: 4677.6/45

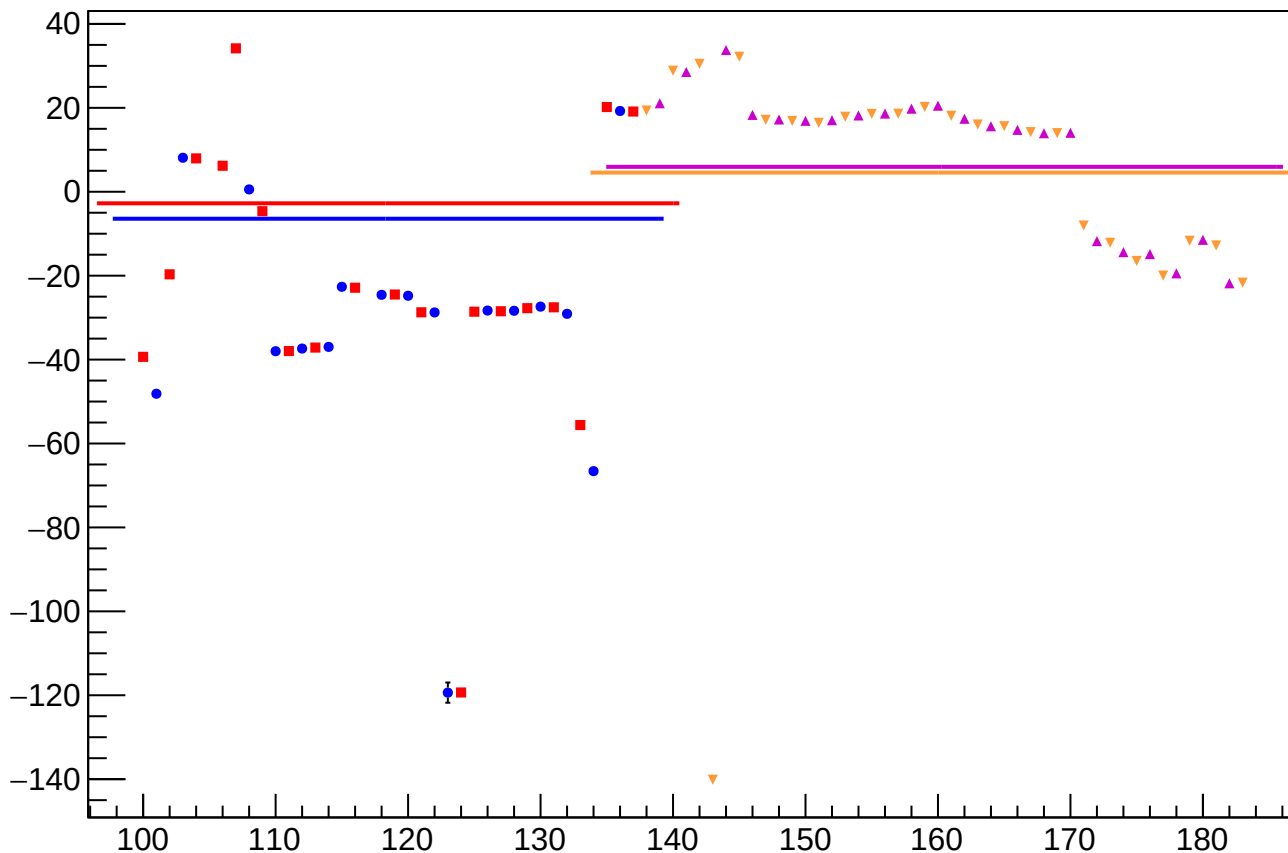
Right: 20.203 $\pm$ 0.623 χ^2 /NDF: 2144.2/35

In: 6.070 $\pm$ 0.337 χ^2 /NDF:3579.8/38

Out: 5.850 $\pm$ 0.332 χ^2 /NDF:3852.7/42

All: 5.958 $\pm$ 0.237 χ^2 /NDF: 7432.7/81

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428+/-0.046 χ^2/NDF : 265170.6/16

Left Out: 4.568+/-0.017 χ^2/NDF :1334748.6/23

Right Out: -2.752+/-0.046 χ^2/NDF : 266290.0/18

Left In: 5.940+/-0.017 χ^2/NDF :1024474.3/21

Left: 5.254+/-0.012 χ^2/NDF : 2362665.7/45

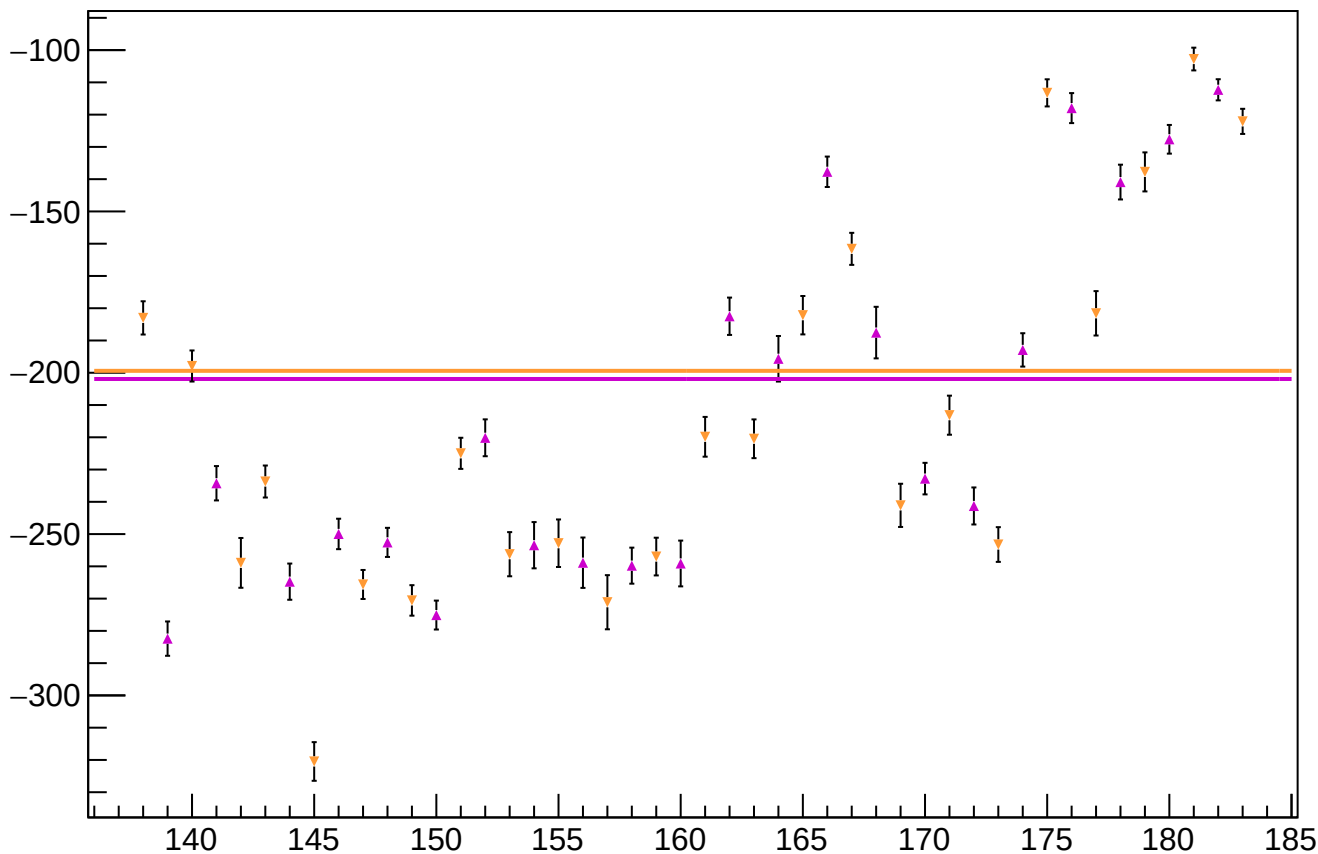
Right: -4.569+/-0.032 χ^2/NDF : 534660.8/35

In: 4.535+/-0.016 χ^2/NDF :1353136.3/38

Out: 3.719+/-0.016 χ^2/NDF :1623739.2/42

All: 4.127+/-0.011 χ^2/NDF : 2978250.9/81

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: -199.404+/-1.088 χ^2/NDF :3199.8/23

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

Left In: -201.929+/-1.112 χ^2/NDF :2946.1/21

Left: -200.639+/-0.777 χ^2/NDF : 6148.6/45

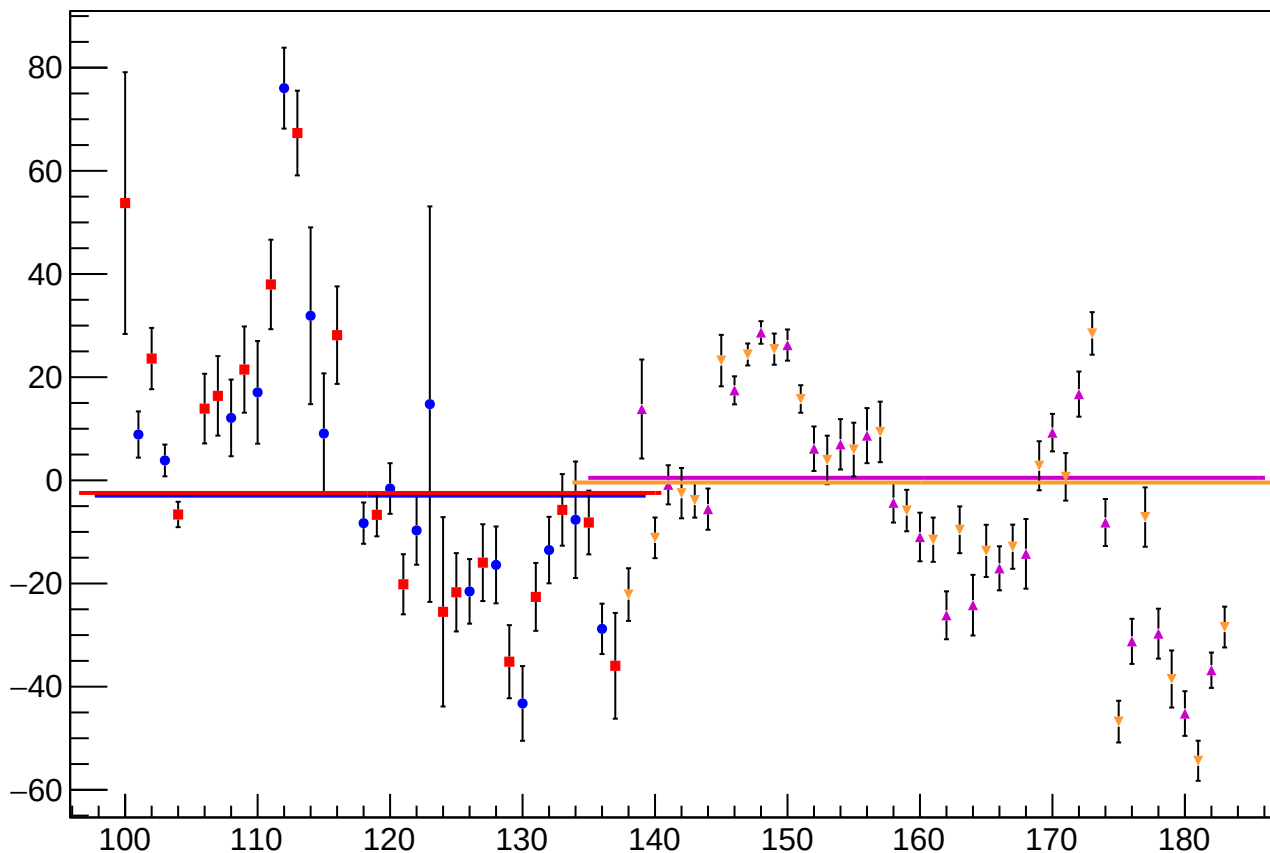
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -201.929+/-1.112 χ^2/NDF :2946.1/21

Out: -199.404+/-1.088 χ^2/NDF :3199.8/23

All: -200.639+/-0.777 χ^2/NDF : 6148.6/45

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964±1.452 χ^2/NDF : 203.5/16

Left Out: -0.419±0.812 χ^2/NDF : 800.6/23

Right Out: -2.445±1.397 χ^2/NDF : 215.4/18

Left In: 0.487±0.845 χ^2/NDF : 711.7/21

Left: 0.016±0.585 χ^2/NDF : 1512.9/45

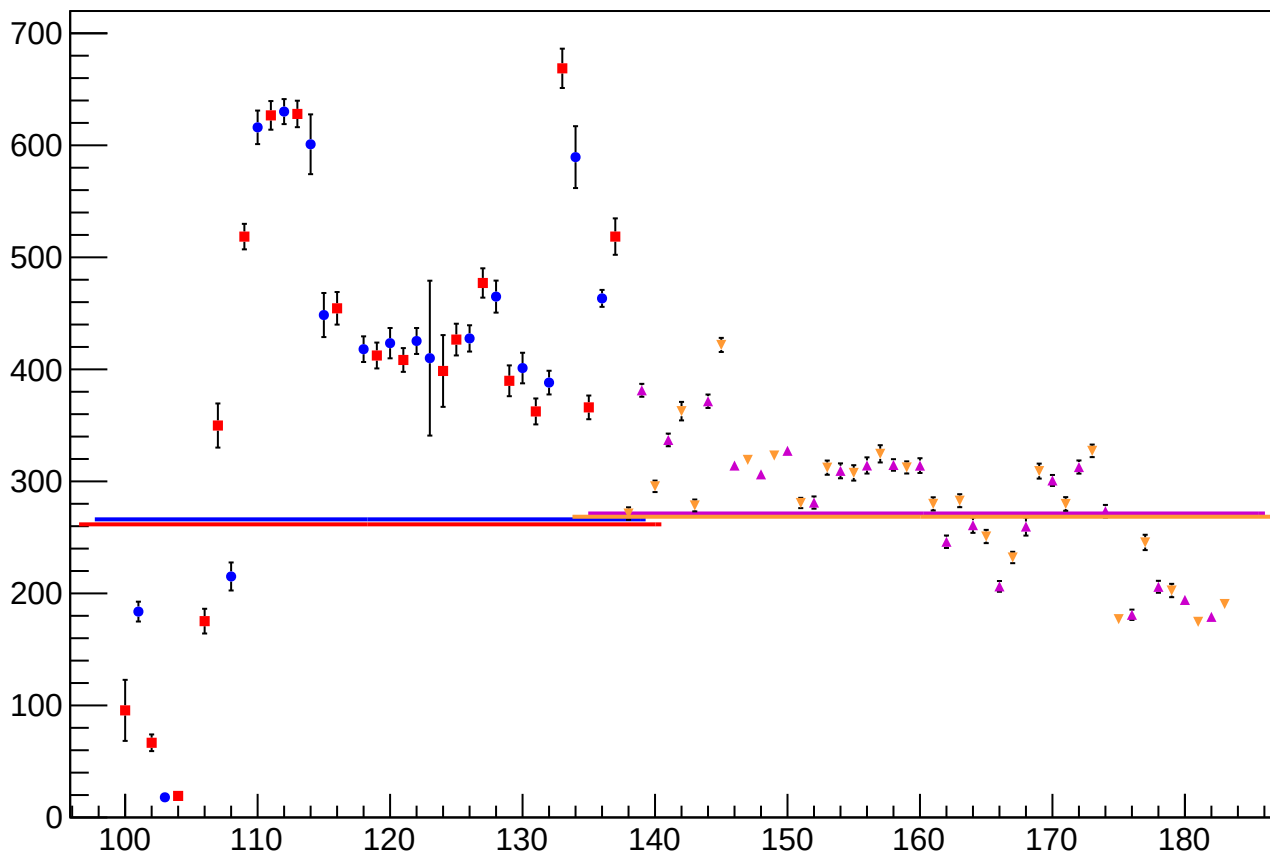
Right: -2.694±1.007 χ^2/NDF : 419.0/35

In: -0.385±0.730 χ^2/NDF : 919.5/38

Out: -0.931±0.702 χ^2/NDF : 1017.6/42

All: -0.669±0.506 χ^2/NDF : 1937.4/81

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111+/-2.480 χ^2/NDF : 7644.0/16

Left Out: 268.444+/-1.087 χ^2/NDF : 3117.3/23

Right Out: 261.642+/-2.457 χ^2/NDF : 8209.5/18

Left In: 271.344+/-1.104 χ^2/NDF : 3168.7/21

Left: 269.871+/-0.774 χ^2/NDF : 6289.5/45

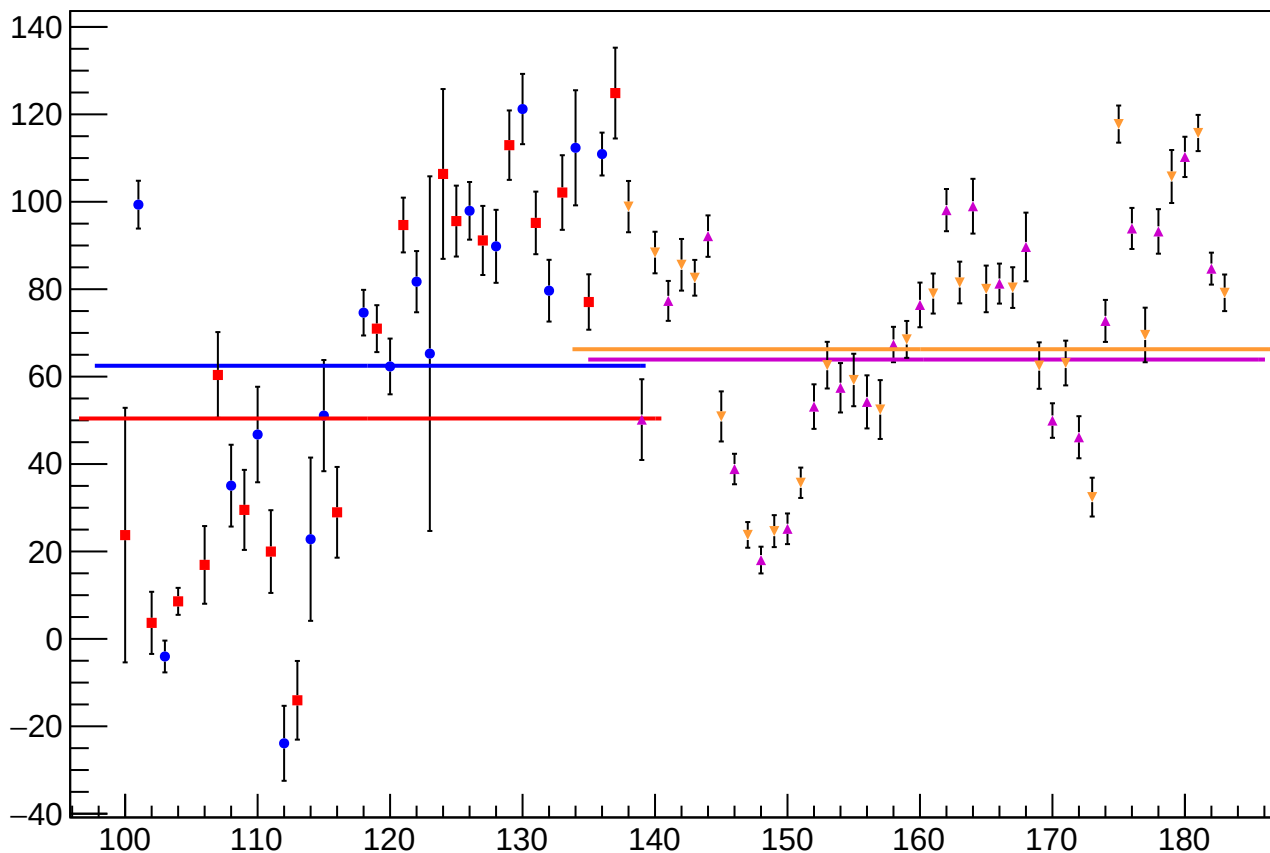
Right: 263.855+/-1.745 χ^2/NDF : 15855.1/35

In: 270.479+/-1.008 χ^2/NDF : 10816.4/38

Out: 267.331+/-0.994 χ^2/NDF : 11333.2/42

All: 268.882+/-0.708 χ^2/NDF : 22154.6/81

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2 /NDF: 720.8/16

Left Out: 66.268 $\pm$ 0.942 χ^2 /NDF:943.6/23

Right Out: 50.421 $\pm$ 1.642 χ^2 /NDF: 651.4/18

Left In: 63.907 $\pm$ 0.972 χ^2 /NDF:803.3/21

Left: 65.124 $\pm$ 0.676 χ^2 /NDF: 1750.0/45

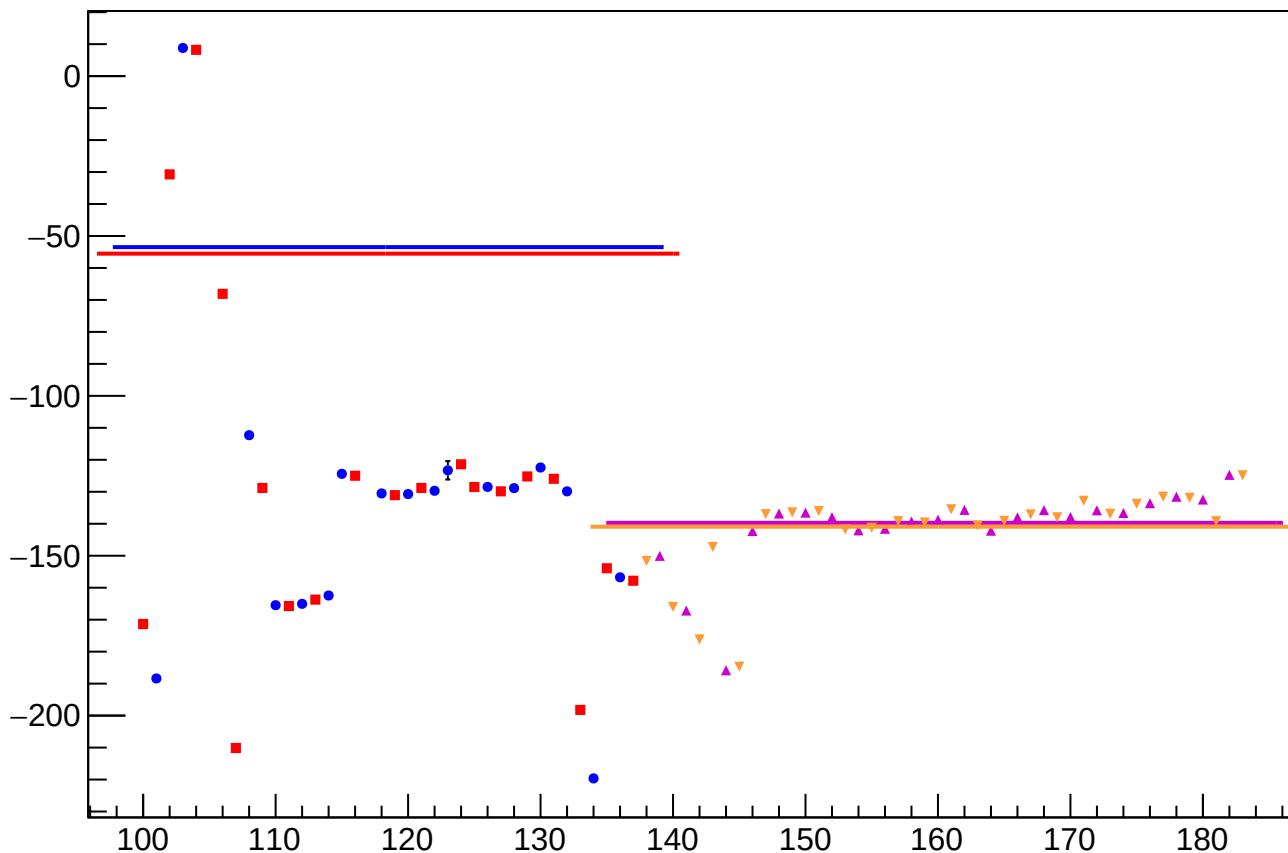
Right: 56.311 $\pm$ 1.174 χ^2 /NDF: 1398.6/35

In: 63.551 $\pm$ 0.841 χ^2 /NDF:1524.6/38

Out: 62.345 $\pm$ 0.817 χ^2 /NDF:1665.2/42

All: 62.930 $\pm$ 0.586 χ^2 /NDF: 3190.8/81

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 ± 0.070 $\chi^2/\text{NDF}: 1228730.5/16$

Left Out: -140.930 ± 0.045 $\chi^2/\text{NDF}: 73823.5/23$

Right Out: -55.523 ± 0.072 $\chi^2/\text{NDF}: 969818.3/18$

Left In: -139.710 ± 0.045 $\chi^2/\text{NDF}: 61151.8/21$

Left: -140.325 ± 0.032 $\chi^2/\text{NDF}: 135339.1/45$

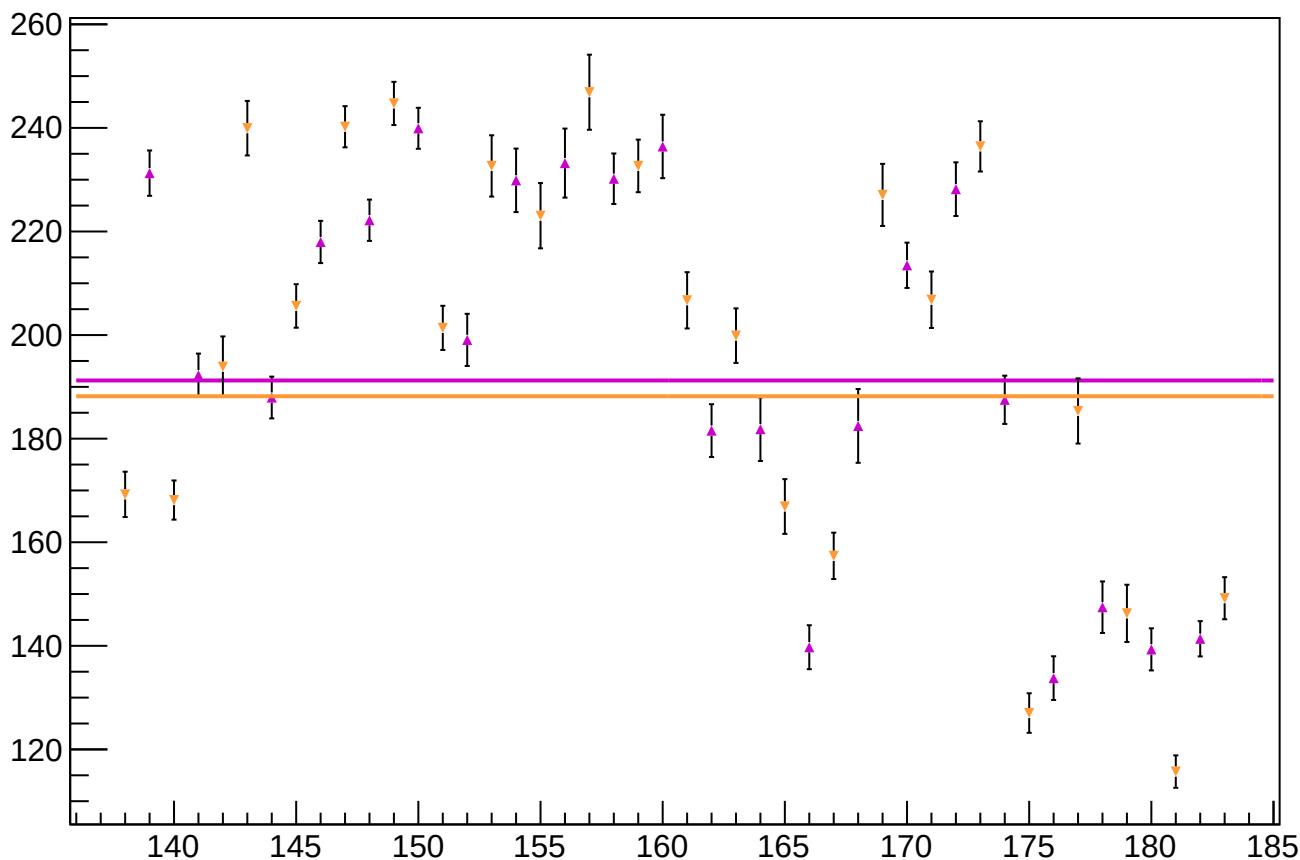
Right: -54.479 ± 0.050 $\chi^2/\text{NDF}: 2198961.2/35$

In: -114.313 ± 0.038 $\chi^2/\text{NDF}: 2350984.1/38$

Out: -116.842 ± 0.038 $\chi^2/\text{NDF}: 2056910.0/42$

All: -115.577 ± 0.027 $\chi^2/\text{NDF}: 4410089.8/81$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 188.189 $\pm$ 0.962 χ^2 /NDF:1930.9/23

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

Left In: 191.235 $\pm$ 0.983 χ^2 /NDF:1411.9/21

Left: 189.679 $\pm$ 0.688 χ^2 /NDF: 3347.7/45

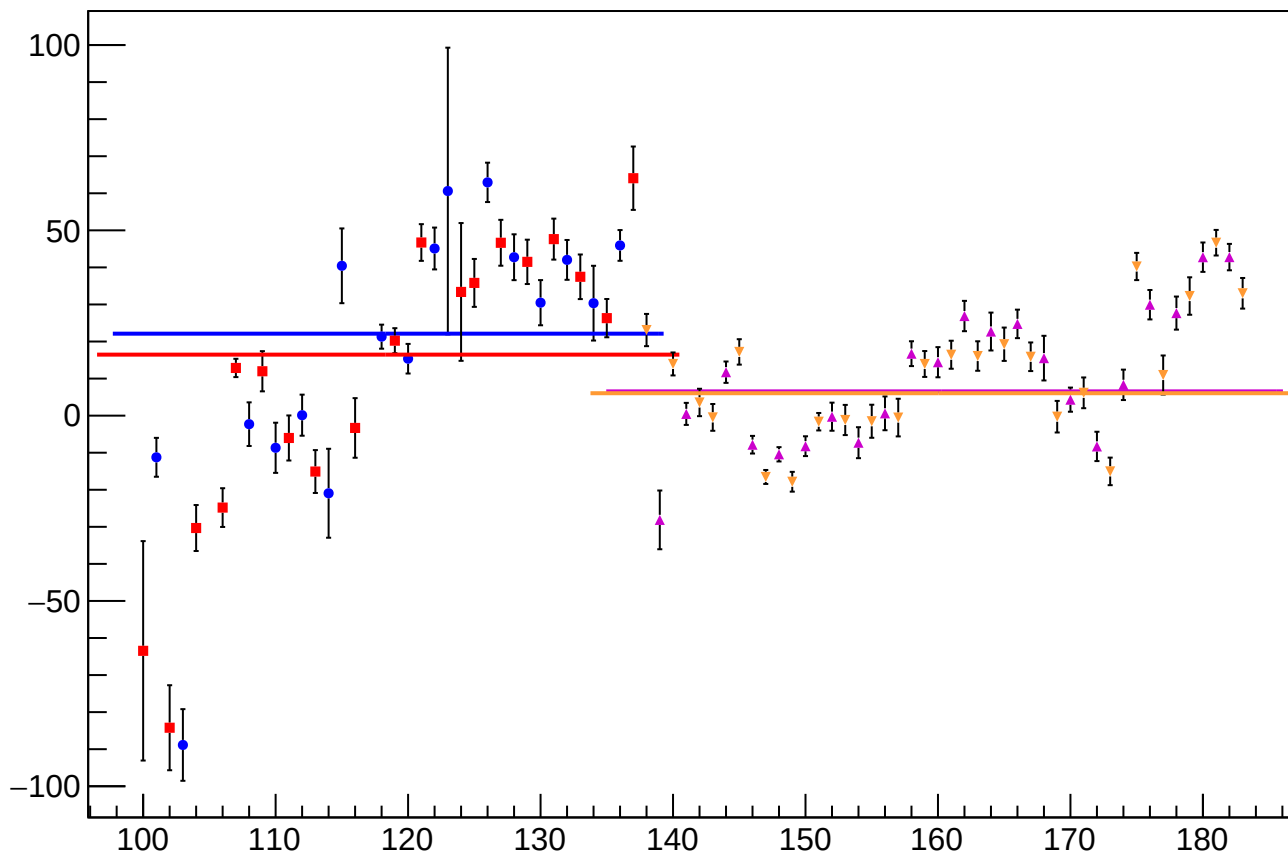
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 191.235 $\pm$ 0.983 χ^2 /NDF:1411.9/21

Out: 188.189 $\pm$ 0.962 χ^2 /NDF:1930.9/23

All: 189.679 $\pm$ 0.688 χ^2 /NDF: 3347.7/45

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 $\pm$ 1.376 χ^2 /NDF: 382.0/16

Left Out: 6.050 $\pm$ 0.716 χ^2 /NDF: 642.3/23

Right Out: 16.464 $\pm$ 1.228 χ^2 /NDF: 424.1/18

Left In: 6.548 $\pm$ 0.740 χ^2 /NDF: 518.0/21

Left: 6.290 $\pm$ 0.515 χ^2 /NDF: 1160.6/45

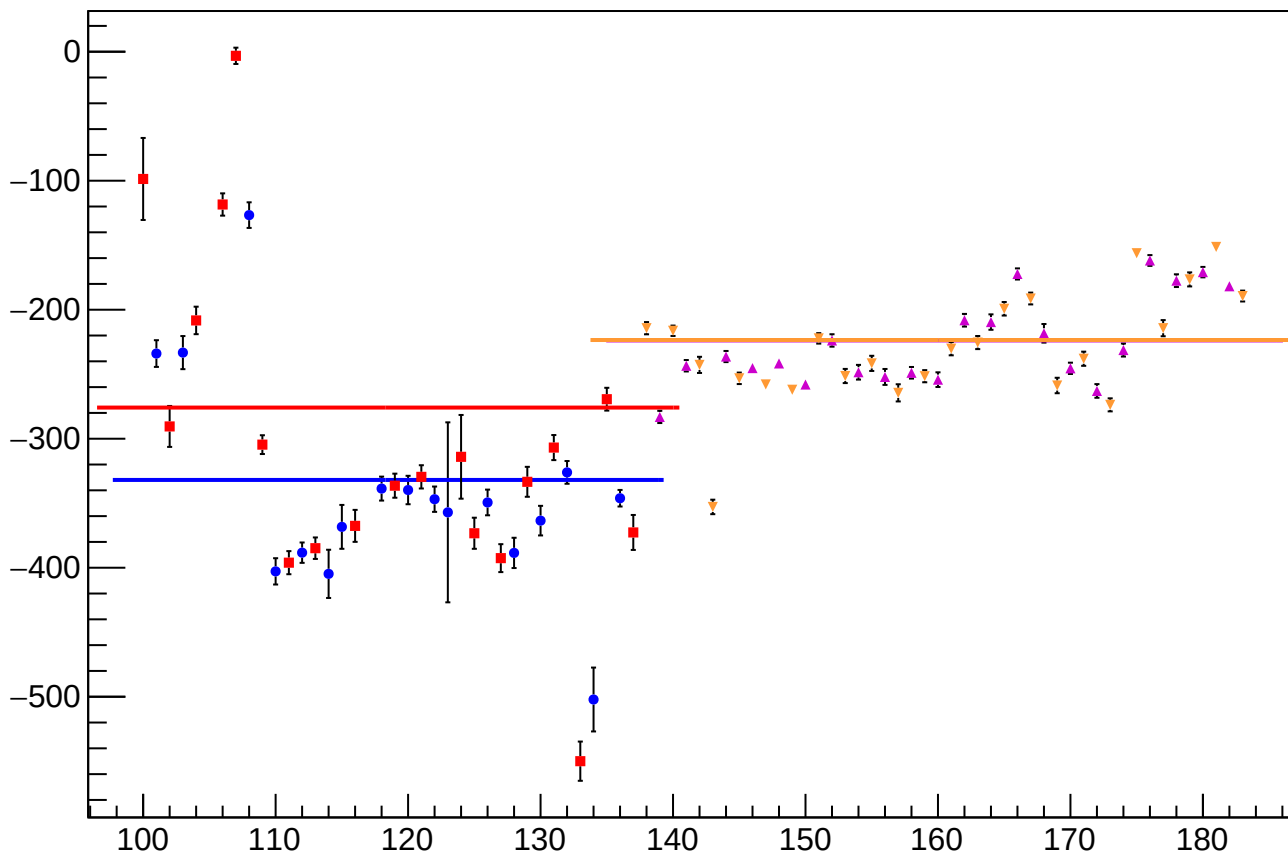
Right: 18.970 $\pm$ 0.916 χ^2 /NDF: 815.5/35

In: 10.040 $\pm$ 0.652 χ^2 /NDF: 999.2/38

Out: 8.691 $\pm$ 0.618 χ^2 /NDF: 1120.2/42

All: 9.330 $\pm$ 0.449 χ^2 /NDF: 2121.6/81

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 χ^2/NDF : 785.6/16

Left Out: -223.485 ± 0.962 χ^2/NDF : 2042.7/23

Right Out: -275.853 ± 2.323 χ^2/NDF : 3361.7/18

Left In: -223.826 ± 0.977 χ^2/NDF : 1283.0/21

Left: -223.653 ± 0.685 χ^2/NDF : 3325.7/45

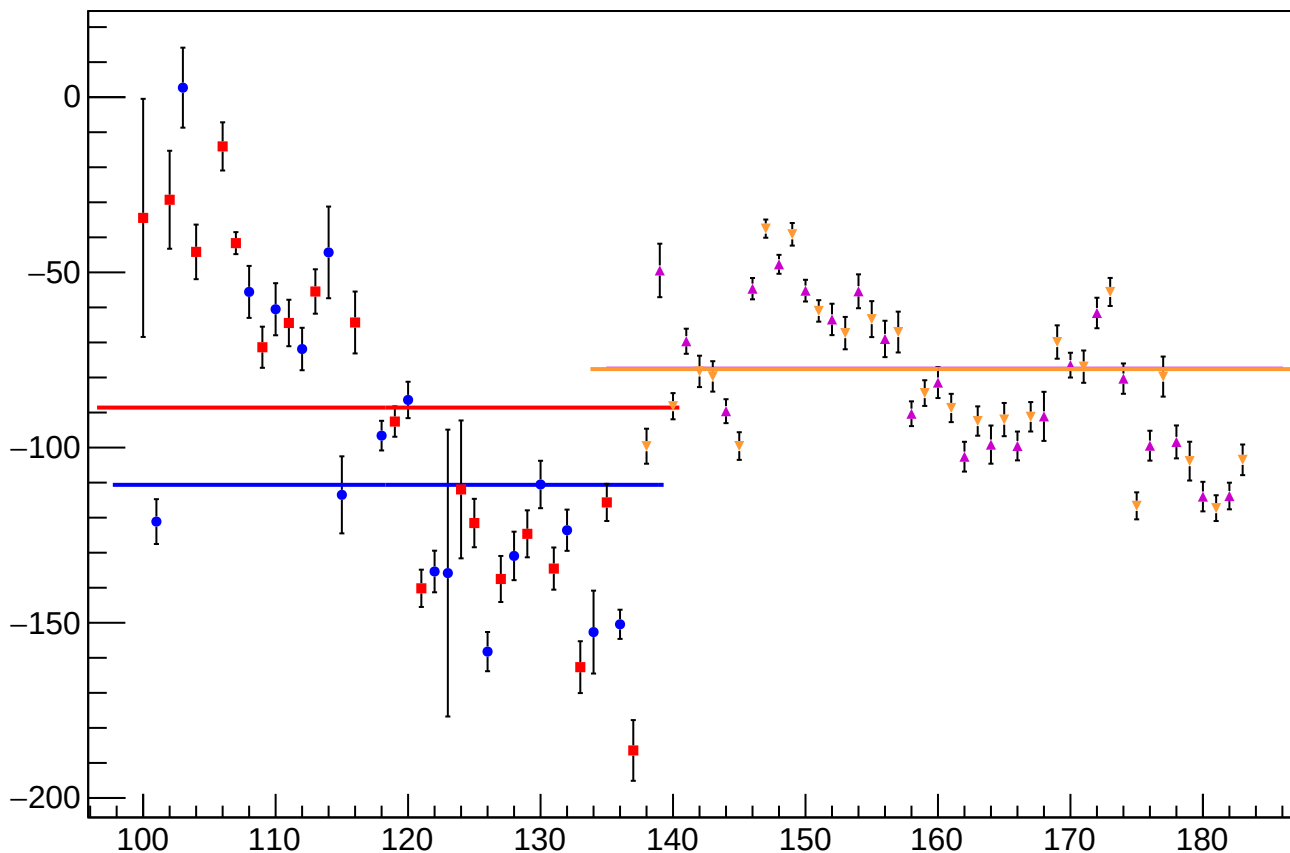
Right: -301.110 ± 1.723 χ^2/NDF : 4409.7/35

In: -237.492 ± 0.913 χ^2/NDF : 3618.2/38

Out: -231.146 ± 0.889 χ^2/NDF : 5838.1/42

All: -234.234 ± 0.637 χ^2/NDF : 9481.1/81

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633+/-1.581 χ^2 /NDF: 508.9/16

Left Out: -77.600+/-0.831 χ^2 /NDF:836.8/23

Right Out: -88.586+/-1.433 χ^2 /NDF: 966.5/18

Left In: -77.490+/-0.854 χ^2 /NDF:617.7/21

Left: -77.547+/-0.596 χ^2 /NDF: 1454.5/45

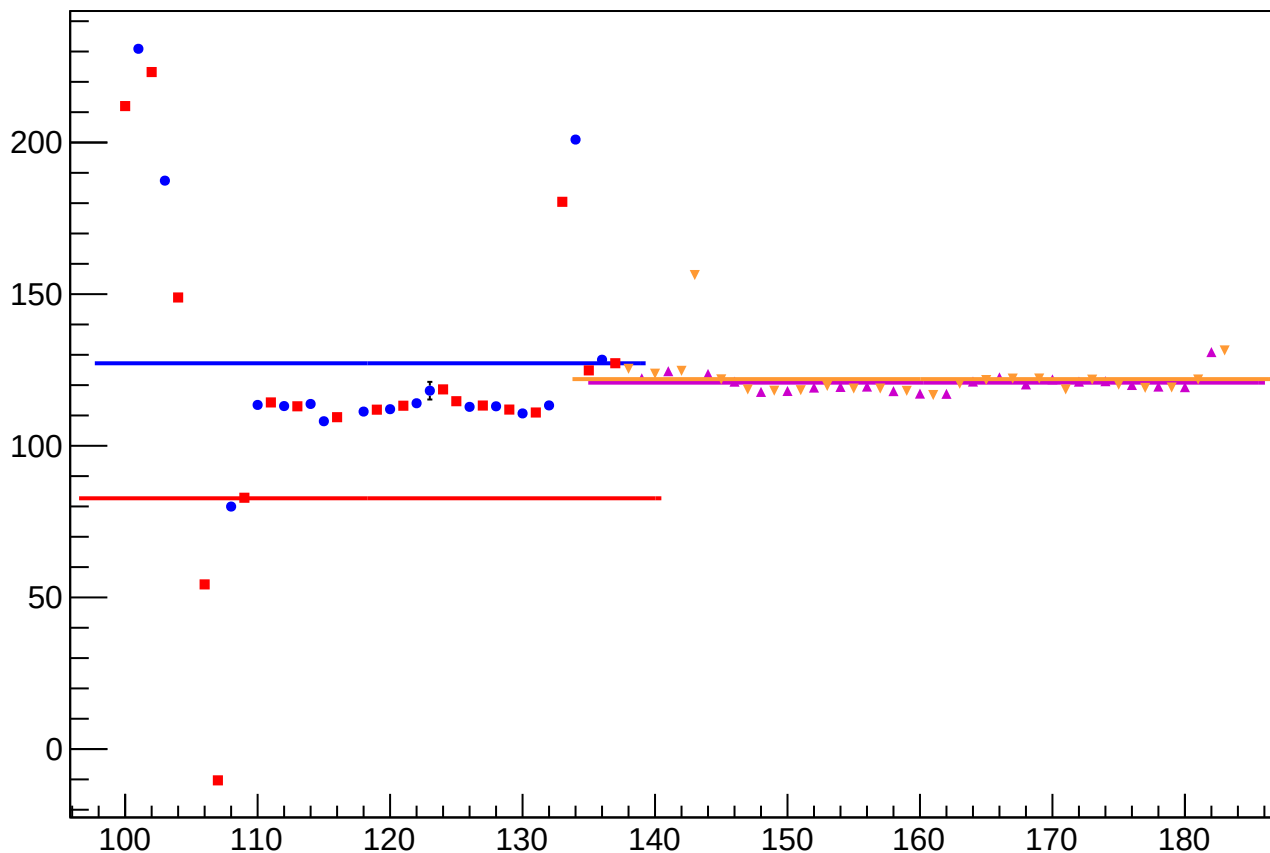
Right: -98.530+/-1.062 χ^2 /NDF: 1582.1/35

In: -84.974+/-0.751 χ^2 /NDF:1466.7/38

Out: -80.365+/-0.719 χ^2 /NDF:1847.3/42

All: -82.568+/-0.519 χ^2 /NDF: 3333.7/81

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205 $\pm$ 0.089 χ^2 /NDF: 188026.3/16

Left Out: 121.987 $\pm$ 0.040 χ^2 /NDF:29808.3/23

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 120.816 $\pm$ 0.040 χ^2 /NDF:6190.7/21

Left: 121.405 $\pm$ 0.028 χ^2 /NDF: 36430.5/45

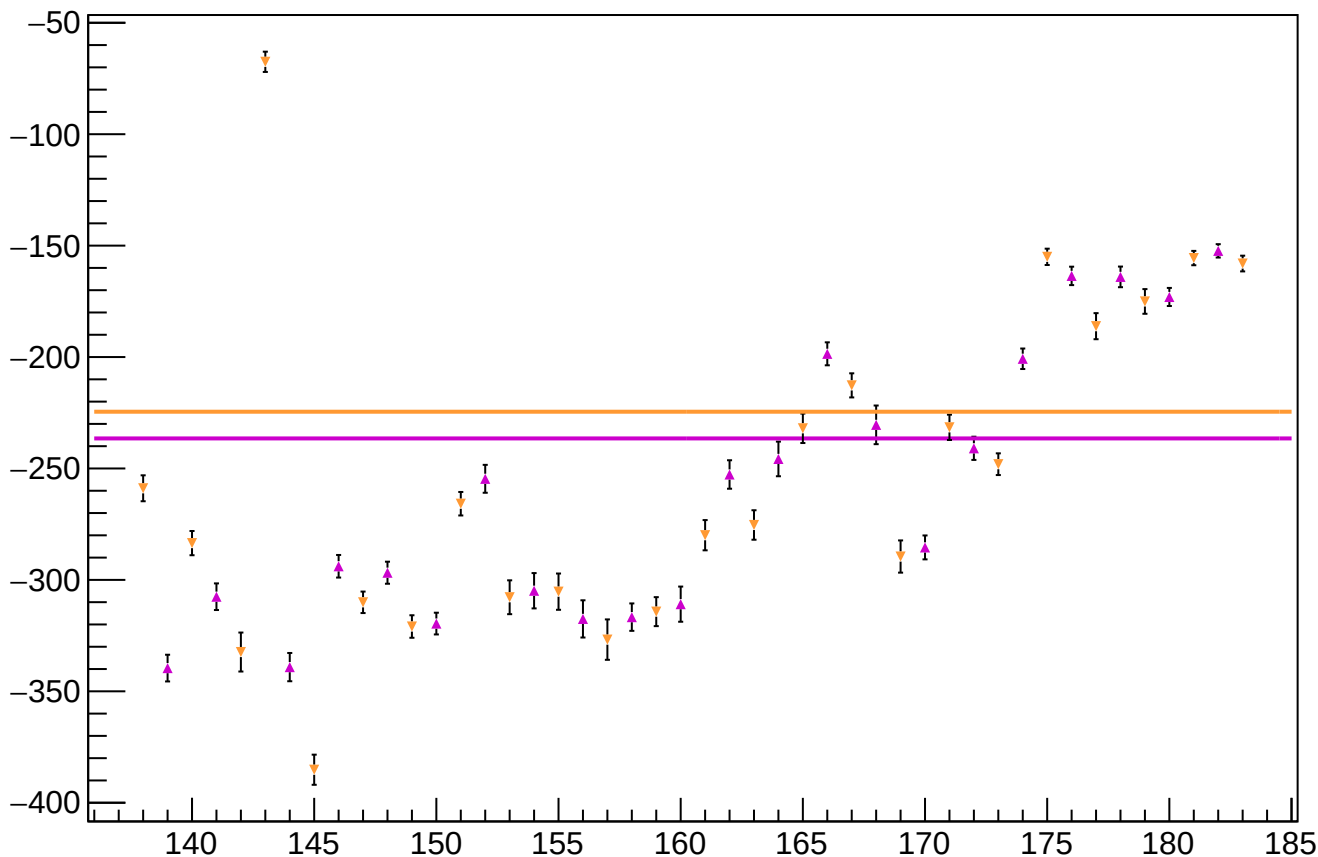
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 121.885 $\pm$ 0.036 χ^2 /NDF:198494.6/38

Out: 113.425 $\pm$ 0.035 χ^2 /NDF:1008623.4/42

All: 117.500 $\pm$ 0.025 χ^2 /NDF: 1235034.6/81

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -224.530+/-1.091 χ^2/NDF : 4870.8/23

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

Left In: -236.520+/-1.126 χ^2/NDF : 3494.1/21

Left: -230.334+/-0.784 χ^2/NDF : 8423.4/45

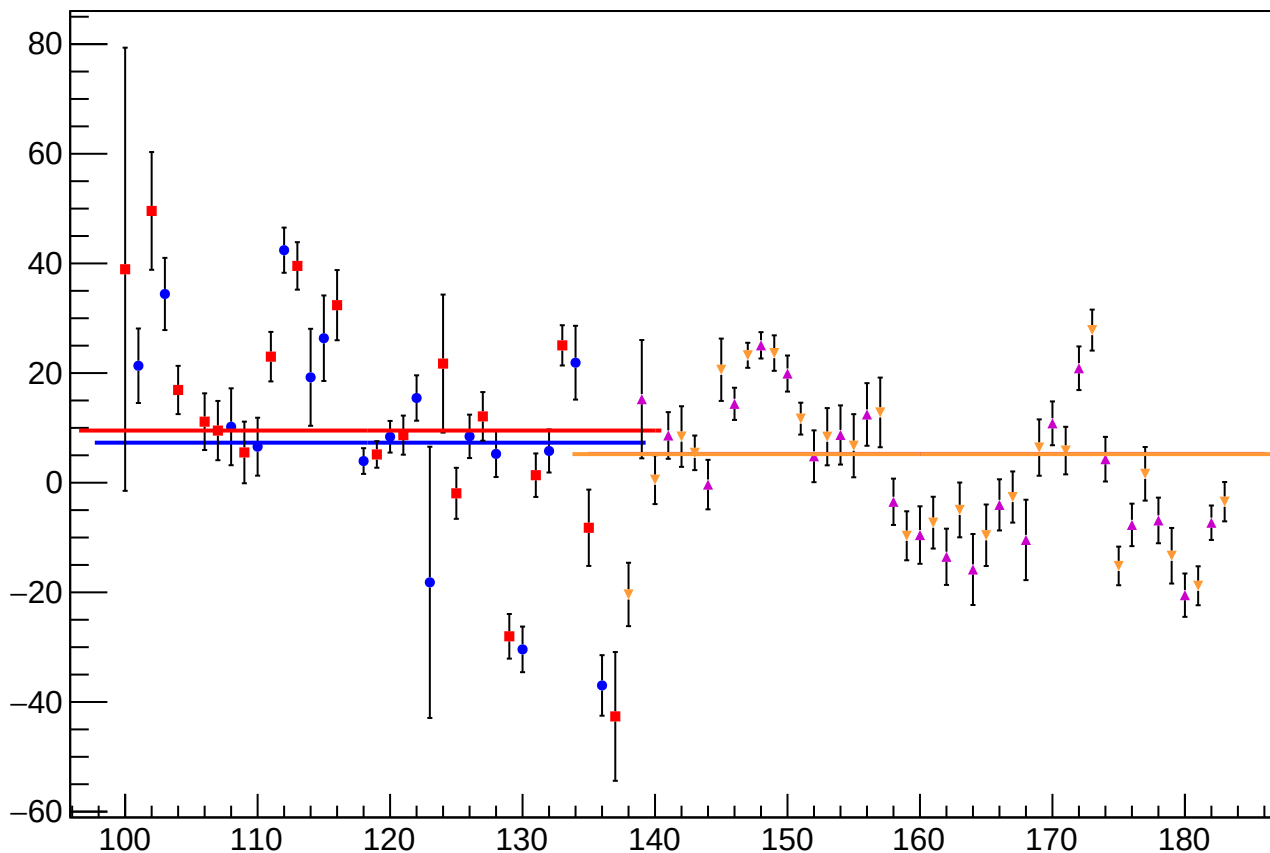
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -236.520+/-1.126 χ^2/NDF : 3494.1/21

Out: -224.530+/-1.091 χ^2/NDF : 4870.8/23

All: -230.334+/-0.784 χ^2/NDF : 8423.4/45

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 χ^2/NDF : 260.6/16

Left Out: 5.216 ± 0.835 χ^2/NDF : 297.7/23

Right Out: 9.513 ± 1.073 χ^2/NDF : 231.7/18

Left In: 5.252 ± 0.877 χ^2/NDF : 242.9/21

Left: 5.233 ± 0.605 χ^2/NDF : 540.6/45

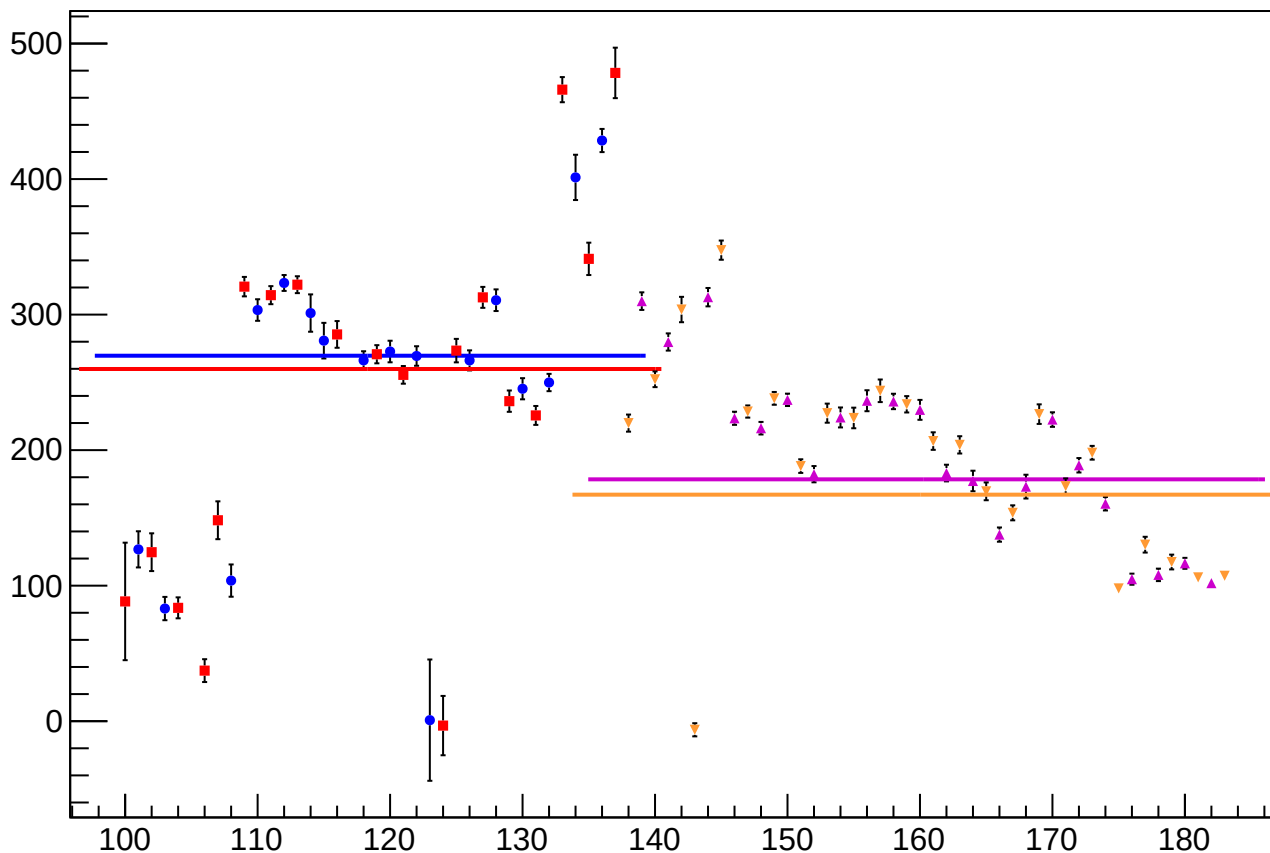
Right: 8.421 ± 0.763 χ^2/NDF : 494.4/35

In: 6.062 ± 0.682 χ^2/NDF : 505.7/38

Out: 6.837 ± 0.659 χ^2/NDF : 539.4/42

All: 6.463 ± 0.474 χ^2/NDF : 1045.8/81

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 $\pm$ 2.076 χ^2 /NDF: 1376.6/16

Left Out: 167.145 $\pm$ 1.093 χ^2 /NDF:4453.7/23

Right Out: 259.869 $\pm$ 1.977 χ^2 /NDF: 2543.7/18

Left In: 178.450 $\pm$ 1.122 χ^2 /NDF:3166.3/21

Left: 172.653 $\pm$ 0.783 χ^2 /NDF: 7672.1/45

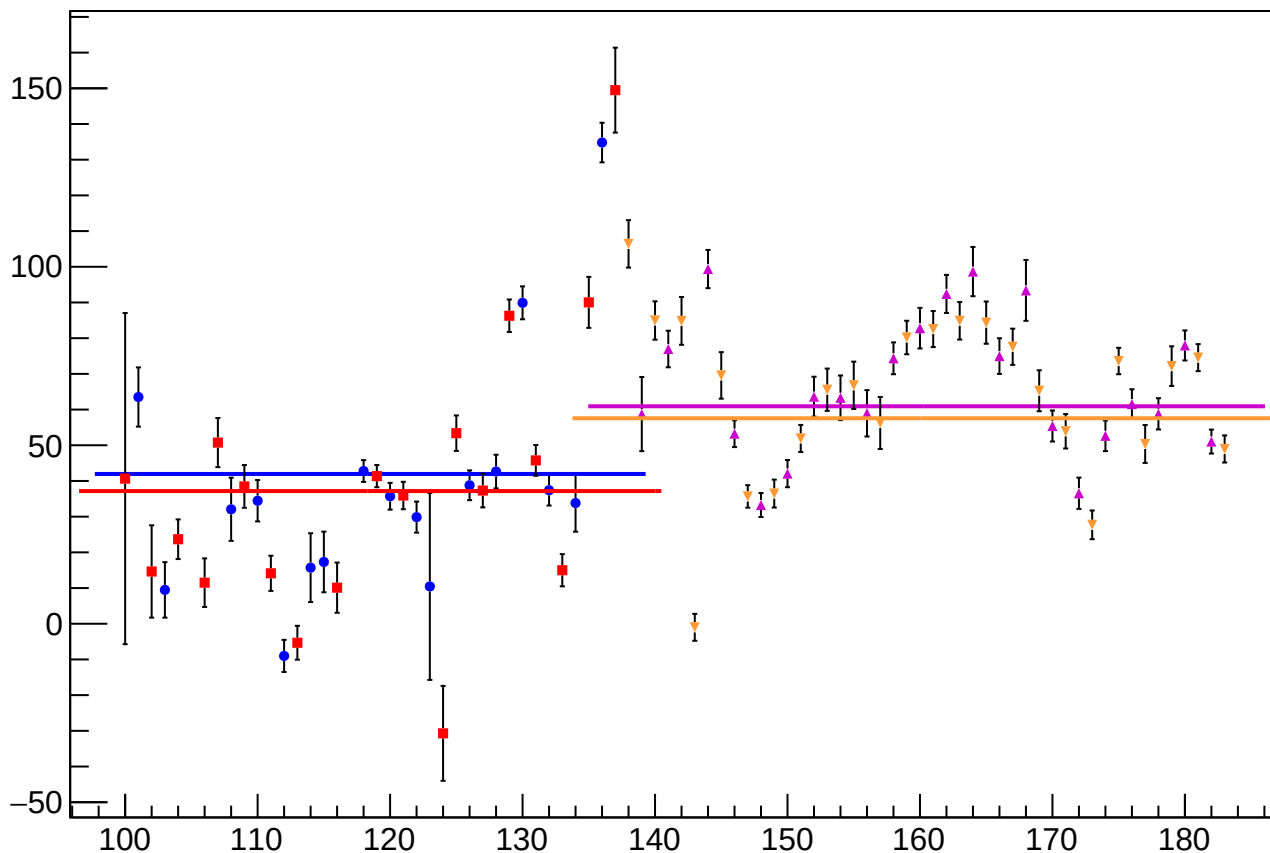
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 199.067 $\pm$ 0.987 χ^2 /NDF:6037.0/38

Out: 188.871 $\pm$ 0.957 χ^2 /NDF:8682.1/42

All: 193.810 $\pm$ 0.687 χ^2 /NDF: 14774.2/81

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 $\pm$ 1.258 χ^2/NDF : 574.2/16

Left Out: 57.569 $\pm$ 0.961 χ^2/NDF : 646.2/23

Right Out: 37.174 $\pm$ 1.236 χ^2/NDF : 470.9/18

Left In: 60.921 $\pm$ 1.001 χ^2/NDF : 331.1/21

Left: 59.176 $\pm$ 0.693 χ^2/NDF : 983.2/45

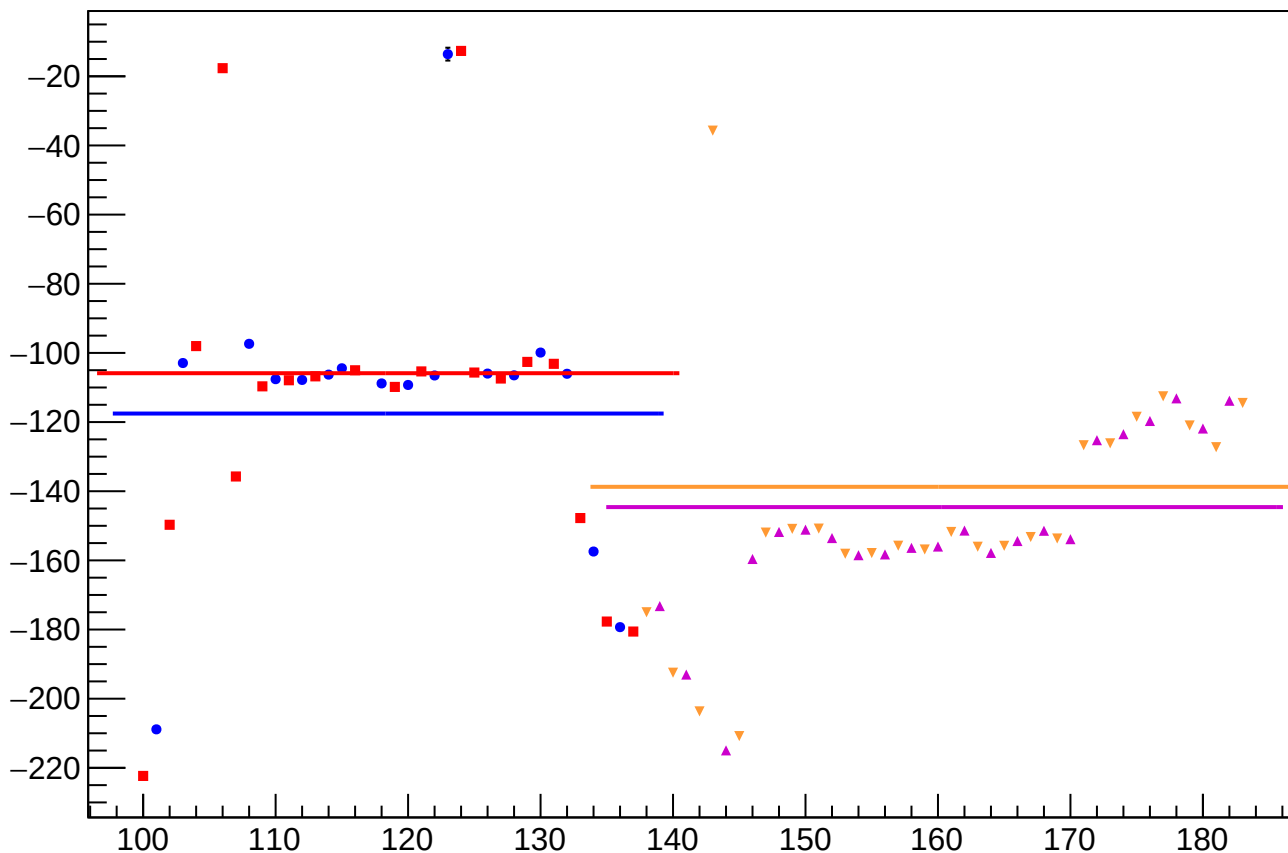
Right: 39.523 $\pm$ 0.882 χ^2/NDF : 1052.5/35

In: 53.571 $\pm$ 0.783 χ^2/NDF : 1044.4/38

Out: 49.885 $\pm$ 0.758 χ^2/NDF : 1286.9/42

All: 51.669 $\pm$ 0.545 χ^2/NDF : 2342.8/81

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -138.725+/-0.046 χ^2/NDF : 557322.7/23

Right Out: -105.868+/-0.073 χ^2/NDF : 324319.1/18

Left In: -144.589+/-0.047 χ^2/NDF : 250141.4/21

Left: -141.600+/-0.033 χ^2/NDF : 815516.6/45

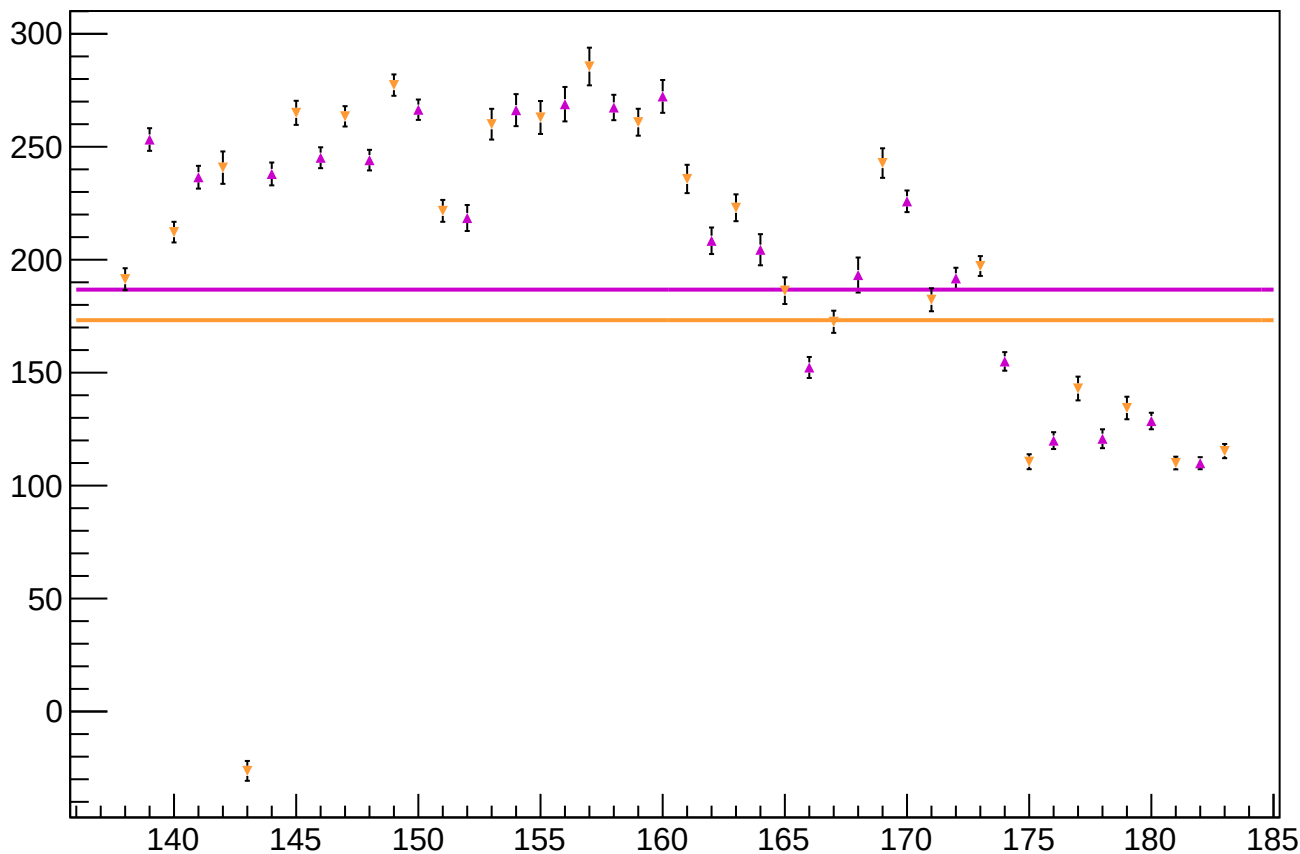
Right: -111.288+/-0.053 χ^2/NDF : 478296.7/35

In: -137.478+/-0.040 χ^2/NDF : 480591.3/38

Out: -129.414+/-0.039 χ^2/NDF : 1027715.1/42

All: -133.312+/-0.028 χ^2/NDF : 1529251.3/81

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: 173.234+/-0.976 χ^2/NDF :5845.9/23

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

Left In: 186.760+/-1.007 χ^2/NDF :3477.2/21

Left: 179.787+/-0.701 χ^2/NDF : 9416.1/45

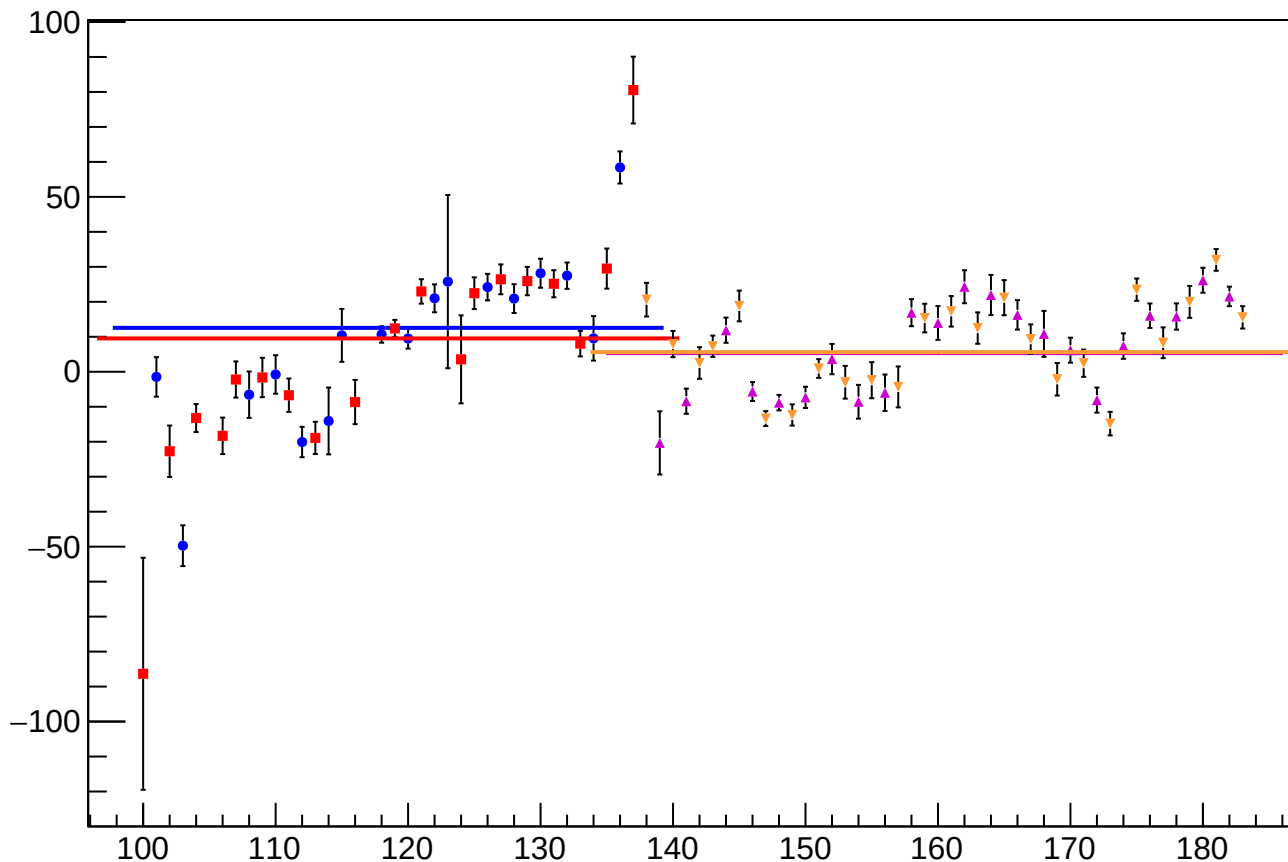
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 186.760+/-1.007 χ^2/NDF :3477.2/21

Out: 173.234+/-0.976 χ^2/NDF :5845.9/23

All: 179.787+/-0.701 χ^2/NDF : 9416.1/45

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559+/-1.057 χ^2/NDF : 348.6/16

Left Out: 5.633+/-0.754 χ^2/NDF : 335.3/23

Right Out: 9.535+/-1.049 χ^2/NDF : 295.8/18

Left In: 5.331+/-0.789 χ^2/NDF : 257.6/21

Left: 5.489+/-0.545 χ^2/NDF : 593.0/45

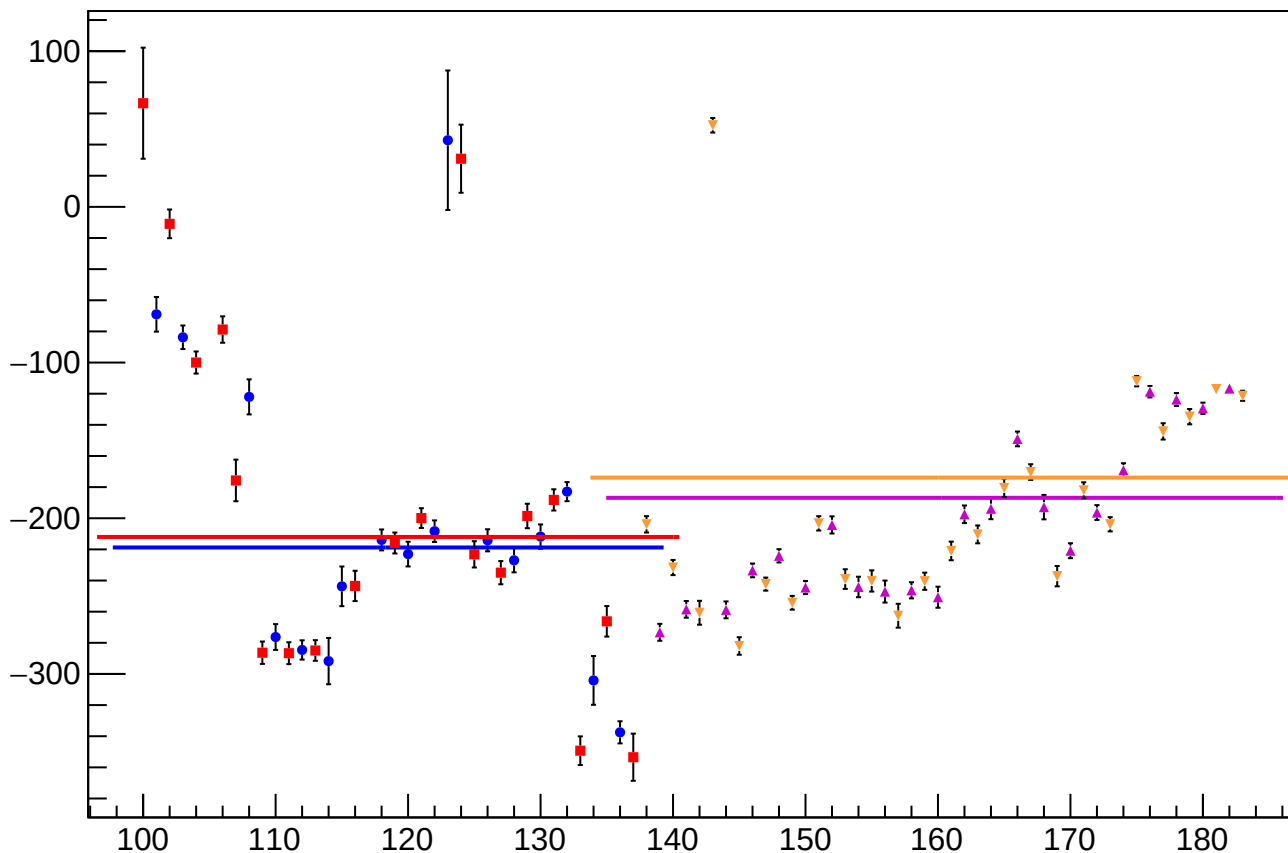
Right: 11.035+/-0.745 χ^2/NDF : 648.5/35

In: 7.916+/-0.632 χ^2/NDF : 636.2/38

Out: 6.962+/-0.612 χ^2/NDF : 640.3/42

All: 7.423+/-0.440 χ^2/NDF : 1277.7/81

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 $\chi^2/\text{NDF}: 1144.4/16$

Left Out: -173.880 ± 0.981 $\chi^2/\text{NDF}: 5442.4/23$

Right Out: -212.004 ± 1.923 $\chi^2/\text{NDF}: 1885.7/18$

Left In: -186.880 ± 1.006 $\chi^2/\text{NDF}: 2963.6/21$

Left: -180.218 ± 0.702 $\chi^2/\text{NDF}: 8491.6/45$

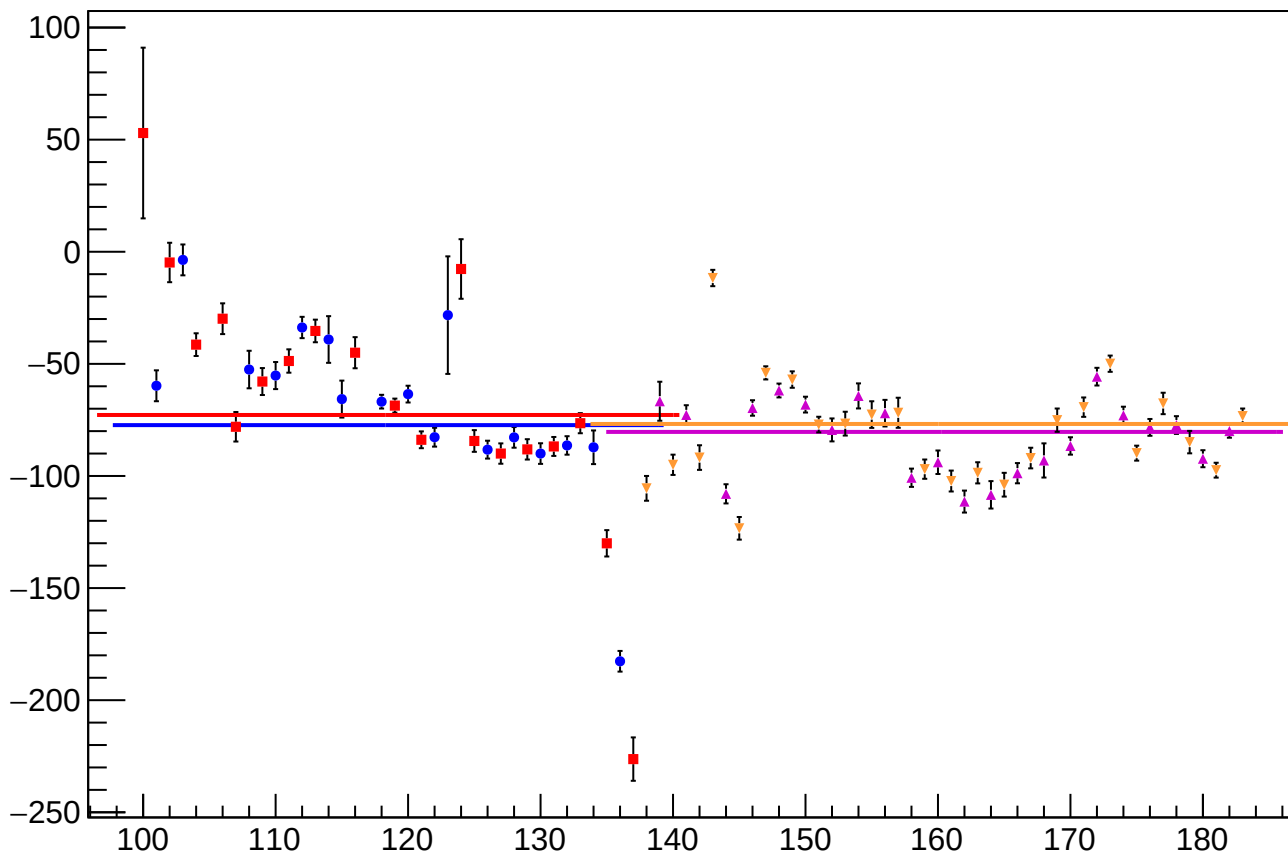
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -193.263 ± 0.899 $\chi^2/\text{NDF}: 4309.3/38$

Out: -181.747 ± 0.874 $\chi^2/\text{NDF}: 7639.8/42$

All: -187.339 ± 0.627 $\chi^2/\text{NDF}: 12033.4/81$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 χ^2/NDF : 817.7/16

Left Out: -76.803 ± 0.866 χ^2/NDF : 775.0/23

Right Out: -72.796 ± 1.207 χ^2/NDF : 671.7/18

Left In: -80.350 ± 0.899 χ^2/NDF : 283.4/21

Left: -78.509 ± 0.624 χ^2/NDF : 1066.4/45

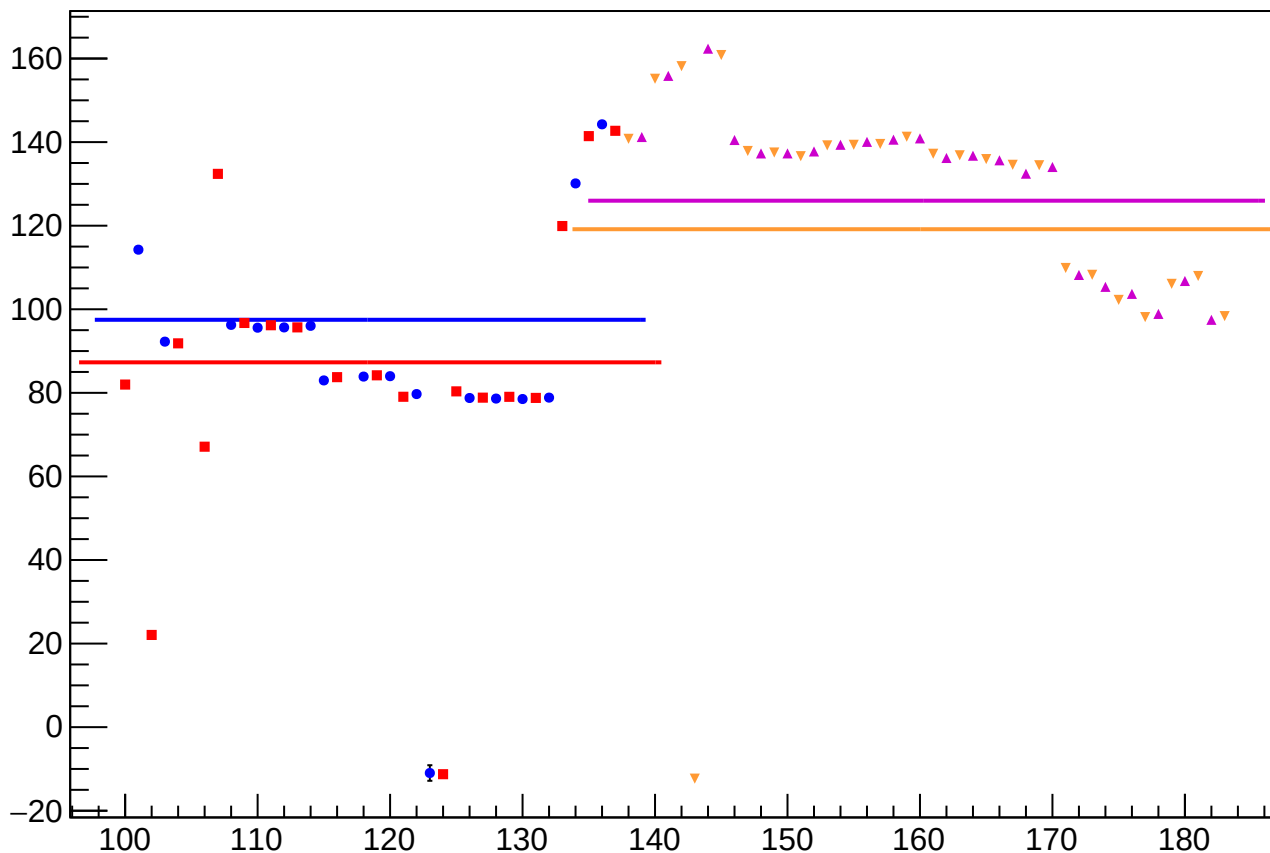
Right: -75.030 ± 0.859 χ^2/NDF : 1496.4/35

In: -79.285 ± 0.724 χ^2/NDF : 1105.1/38

Out: -75.442 ± 0.703 χ^2/NDF : 1454.0/42

All: -77.308 ± 0.505 χ^2/NDF : 2573.6/81

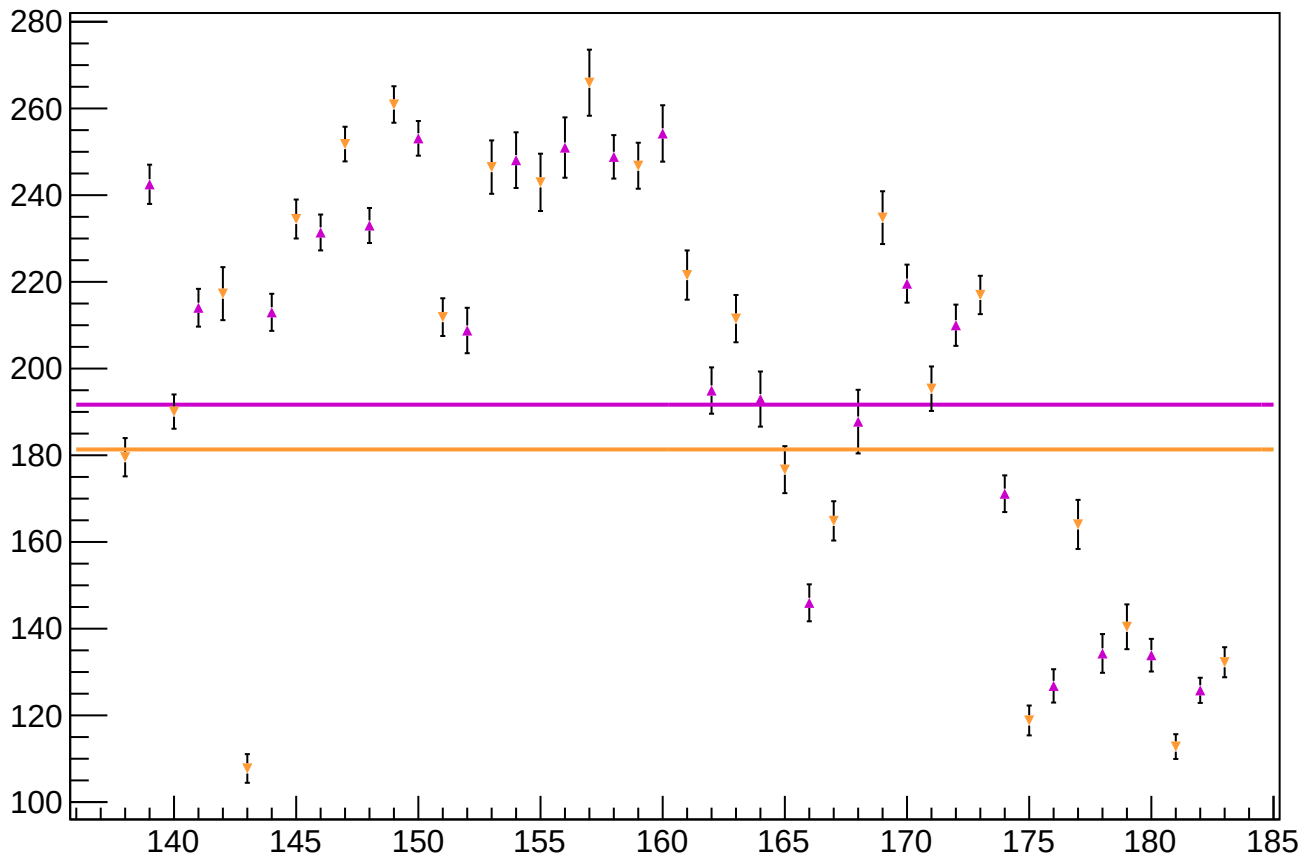
reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483+/-0.073 χ^2/NDF : 94392.9/16
 Left Out: 119.154+/-0.041 χ^2/NDF : 721869.6/23
 Right Out: 87.299+/-0.068 χ^2/NDF : 221885.0/18
 Left In: 125.980+/-0.042 χ^2/NDF : 209370.0/21

Left: 122.508+/-0.029 χ^2/NDF : 944808.9/45
 Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35
 In: 118.998+/-0.036 χ^2/NDF : 417672.8/38
 Out: 110.680+/-0.035 χ^2/NDF : 1103784.5/42
 All: 114.708+/-0.025 χ^2/NDF : 1548521.5/81

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 181.343 $\pm$ 0.921 χ^2/NDF :3288.6/23

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

Left In: 191.671 $\pm$ 0.964 χ^2/NDF :2387.4/21

Left: 186.269 $\pm$ 0.666 χ^2/NDF : 5736.0/45

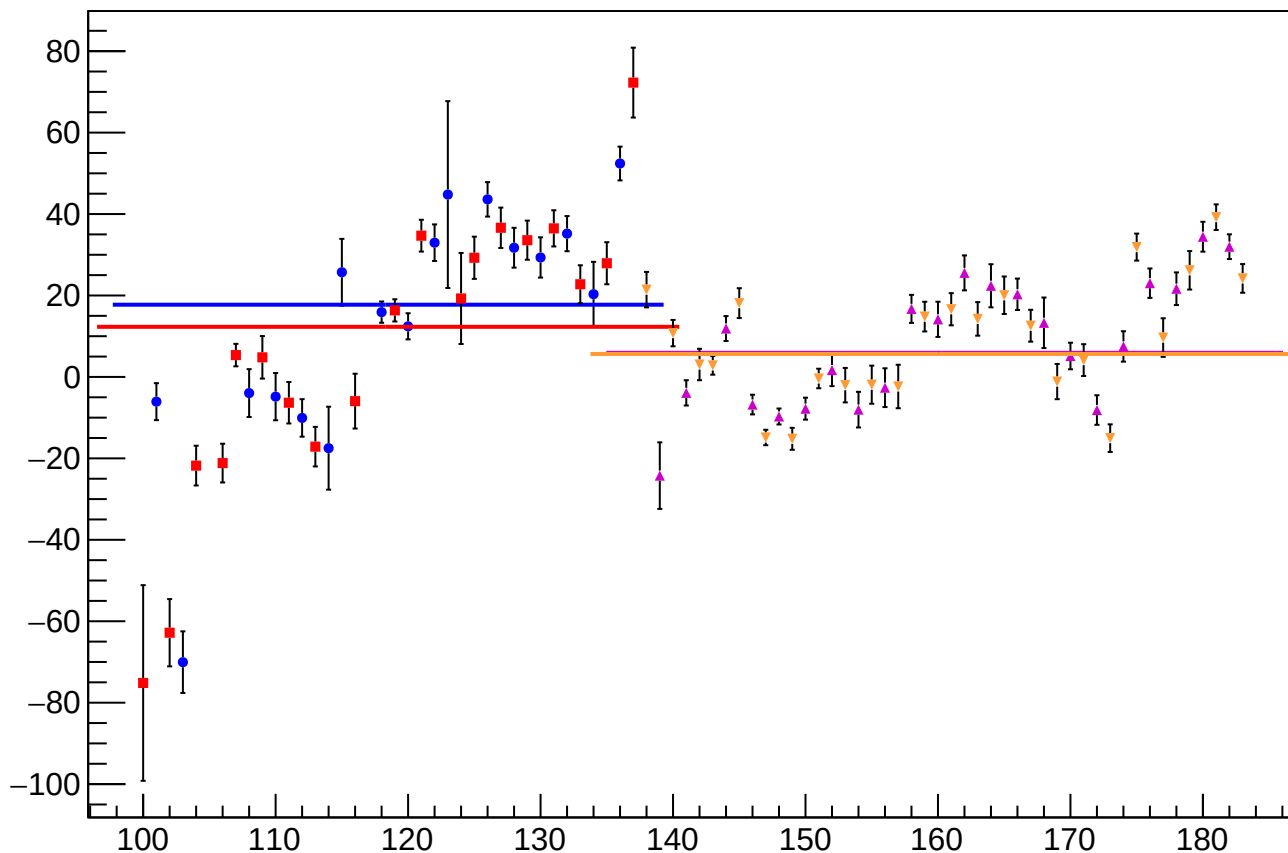
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 191.671 $\pm$ 0.964 χ^2/NDF :2387.4/21

Out: 181.343 $\pm$ 0.921 χ^2/NDF :3288.6/23

All: 186.269 $\pm$ 0.666 χ^2/NDF : 5736.0/45

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737+/-1.149 χ^2 /NDF: 394.0/16

Left Out: 5.638+/-0.692 χ^2 /NDF:515.9/23

Right Out: 12.306+/-1.084 χ^2 /NDF: 442.5/18

Left In: 5.925+/-0.737 χ^2 /NDF:405.7/21

Left: 5.772+/-0.505 χ^2 /NDF: 921.7/45

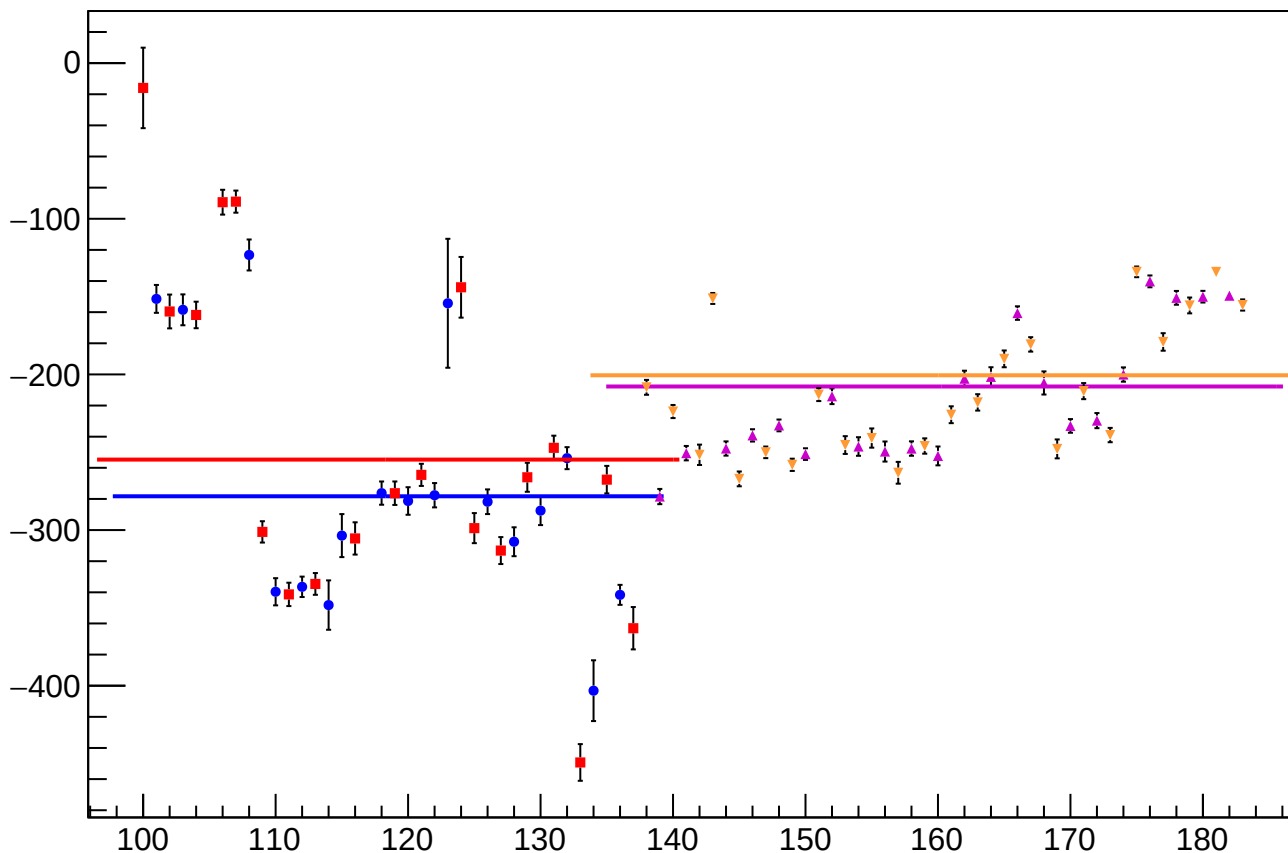
Right: 14.864+/-0.788 χ^2 /NDF: 848.3/35

In: 9.371+/-0.620 χ^2 /NDF:874.6/38

Out: 7.569+/-0.583 χ^2 /NDF:985.2/42

All: 8.414+/-0.425 χ^2 /NDF: 1864.3/81

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 χ^2/NDF : 910.0/16

Left Out: -200.557 ± 0.925 χ^2/NDF : 2467.0/23

Right Out: -254.713 ± 2.019 χ^2/NDF : 2038.0/18

Left In: -207.760 ± 0.960 χ^2/NDF : 2093.0/21

Left: -204.023 ± 0.666 χ^2/NDF : 4589.2/45

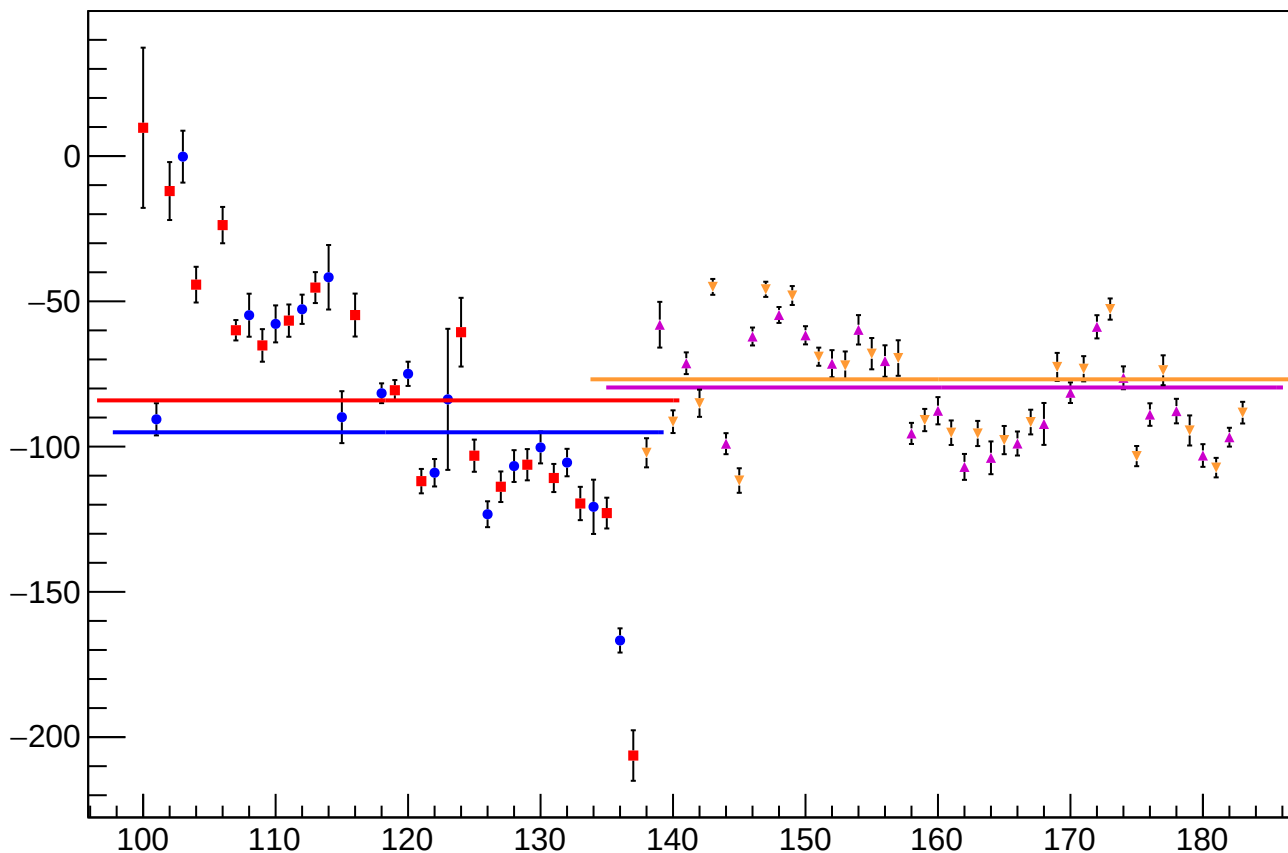
Right: -265.641 ± 1.479 χ^2/NDF : 3011.2/35

In: -219.288 ± 0.878 χ^2/NDF : 3885.0/38

Out: -209.951 ± 0.841 χ^2/NDF : 5099.9/42

All: -214.416 ± 0.607 χ^2/NDF : 9043.9/81

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 $\chi^2/\text{NDF}: 673.2/16$

Left Out: -76.842 ± 0.802 $\chi^2/\text{NDF}: 764.9/23$

Right Out: -84.094 ± 1.257 $\chi^2/\text{NDF}: 780.4/18$

Left In: -79.650 ± 0.847 $\chi^2/\text{NDF}: 414.9/21$

Left: -78.170 ± 0.582 $\chi^2/\text{NDF}: 1185.5/45$

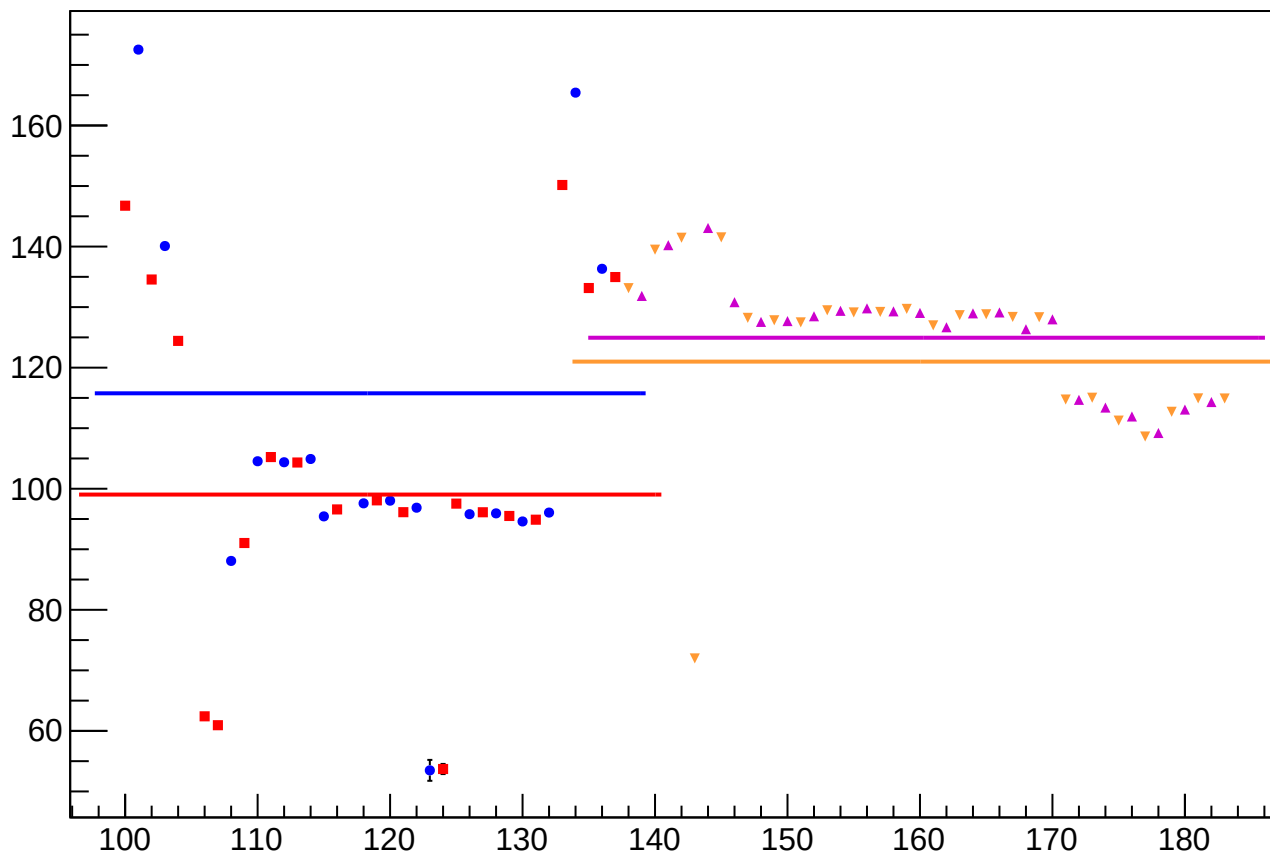
Right: -89.294 ± 0.912 $\chi^2/\text{NDF}: 1489.7/35$

In: -84.122 ± 0.714 $\chi^2/\text{NDF}: 1184.2/38$

Out: -78.941 ± 0.676 $\chi^2/\text{NDF}: 1568.9/42$

All: -81.392 ± 0.491 $\chi^2/\text{NDF}: 2780.9/81$

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 120.998 $\pm$ 0.038 χ^2 /NDF:182176.7/23

Right Out: 99.037 $\pm$ 0.068 χ^2 /NDF: 173477.1/18

Left In: 124.941 $\pm$ 0.040 χ^2 /NDF:50454.6/21

Left: 122.912 $\pm$ 0.028 χ^2 /NDF: 237737.7/45

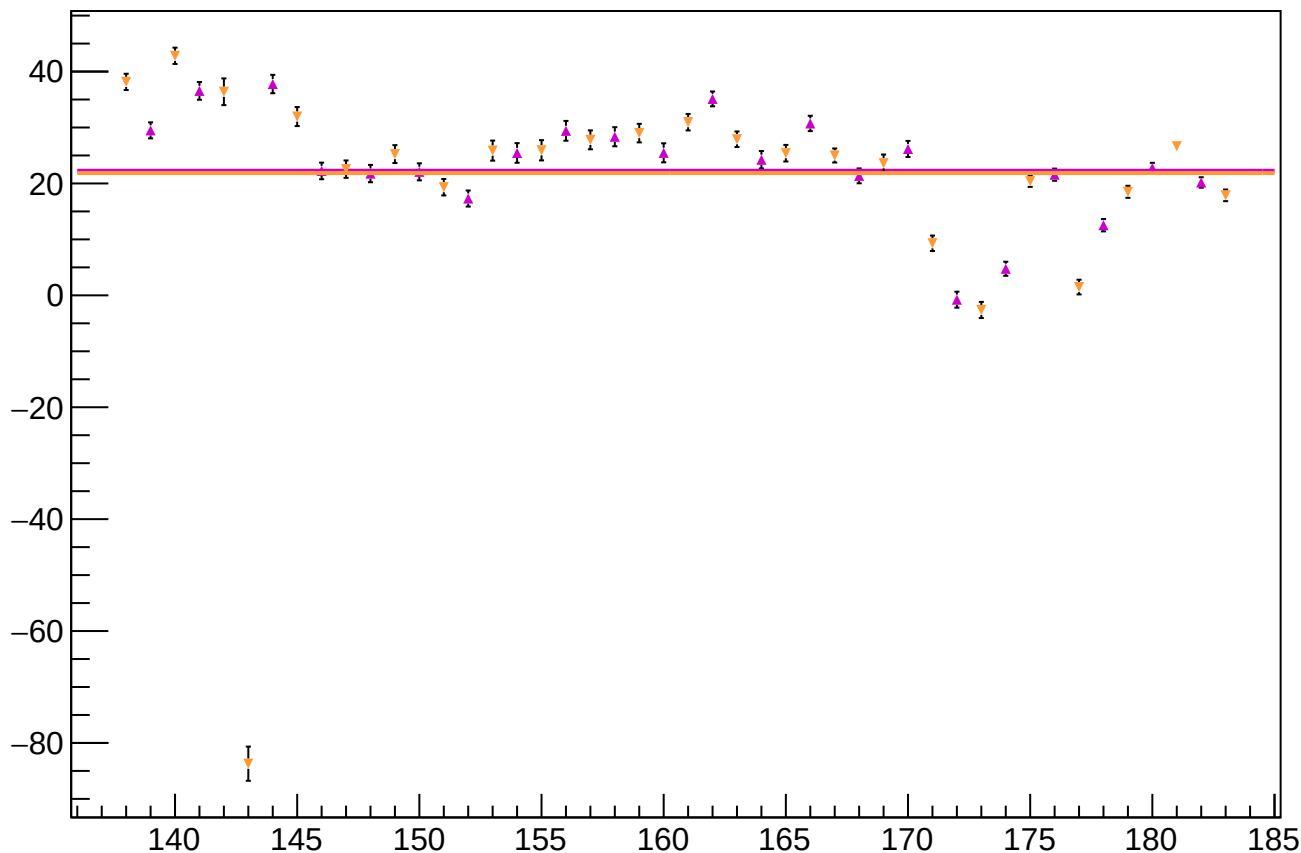
Right: 106.308 $\pm$ 0.051 χ^2 /NDF: 305708.8/35

In: 123.065 $\pm$ 0.035 χ^2 /NDF:167744.2/38

Out: 115.733 $\pm$ 0.034 χ^2 /NDF:433846.9/42

All: 119.210 $\pm$ 0.024 χ^2 /NDF: 624264.7/81

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: 21.854+/-0.285 χ^2/NDF :2382.5/23

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

Left In: 22.268+/-0.288 χ^2/NDF :921.0/21

Left: 22.059+/-0.203 χ^2/NDF : 3304.5/45

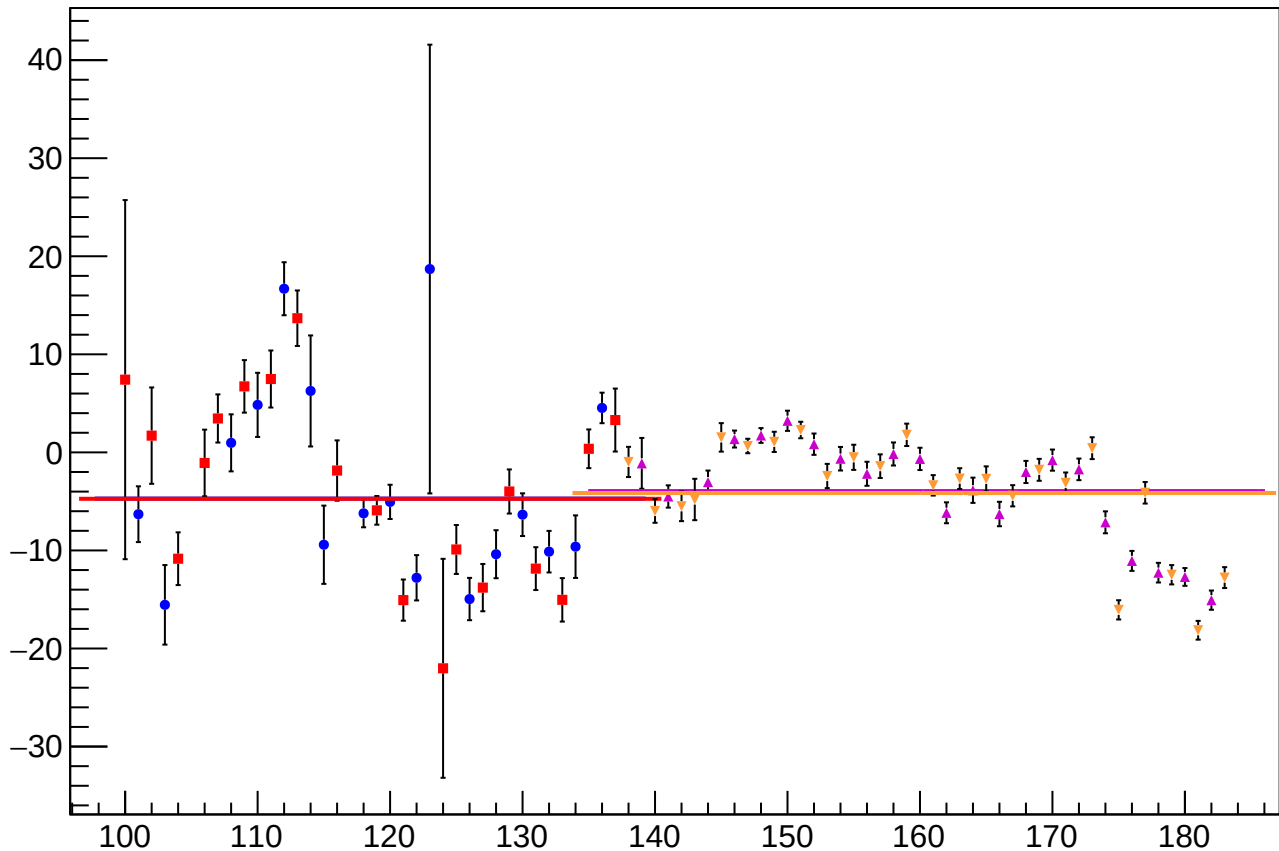
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 22.268+/-0.288 χ^2/NDF :921.0/21

Out: 21.854+/-0.285 χ^2/NDF :2382.5/23

All: 22.059+/-0.203 χ^2/NDF : 3304.5/45

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 χ^2/NDF : 174.7/16

Left Out: -4.144 ± 0.225 χ^2/NDF : 715.4/23

Right Out: -4.732 ± 0.585 χ^2/NDF : 189.7/18

Left In: -3.946 ± 0.229 χ^2/NDF : 563.4/21

Left: -4.047 ± 0.161 χ^2/NDF : 1279.2/45

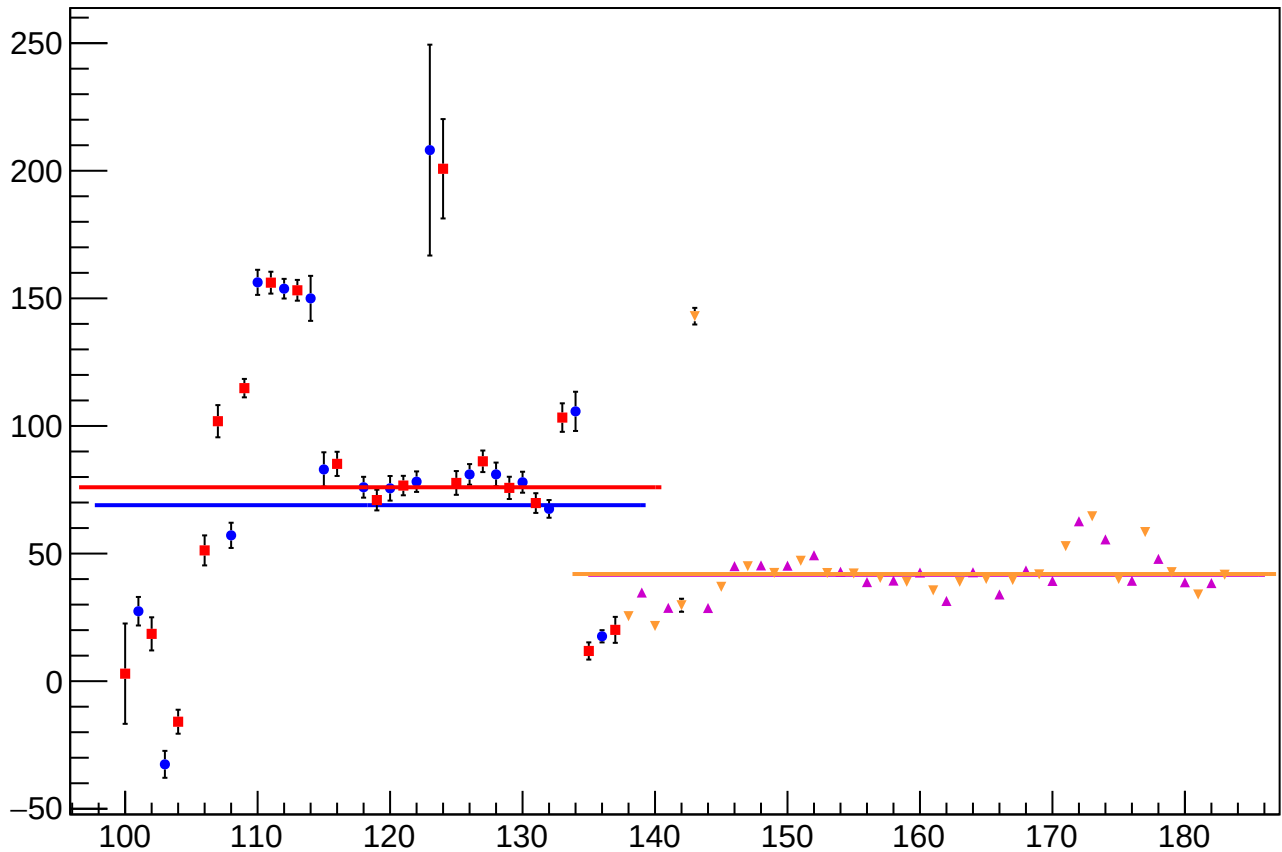
Right: -4.723 ± 0.412 χ^2/NDF : 364.4/35

In: -4.050 ± 0.213 χ^2/NDF : 739.6/38

Out: -4.220 ± 0.210 χ^2/NDF : 906.0/42

All: -4.136 ± 0.150 χ^2/NDF : 1645.9/81

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 ± 1.079 $\chi^2/\text{NDF}: 1844.0/16$

Left Out: 41.987 ± 0.284 $\chi^2/\text{NDF}: 1855.8/23$

Right Out: 75.982 ± 1.069 $\chi^2/\text{NDF}: 1894.8/18$

Left In: 41.676 ± 0.287 $\chi^2/\text{NDF}: 656.5/21$

Left: 41.833 ± 0.202 $\chi^2/\text{NDF}: 2512.9/45$

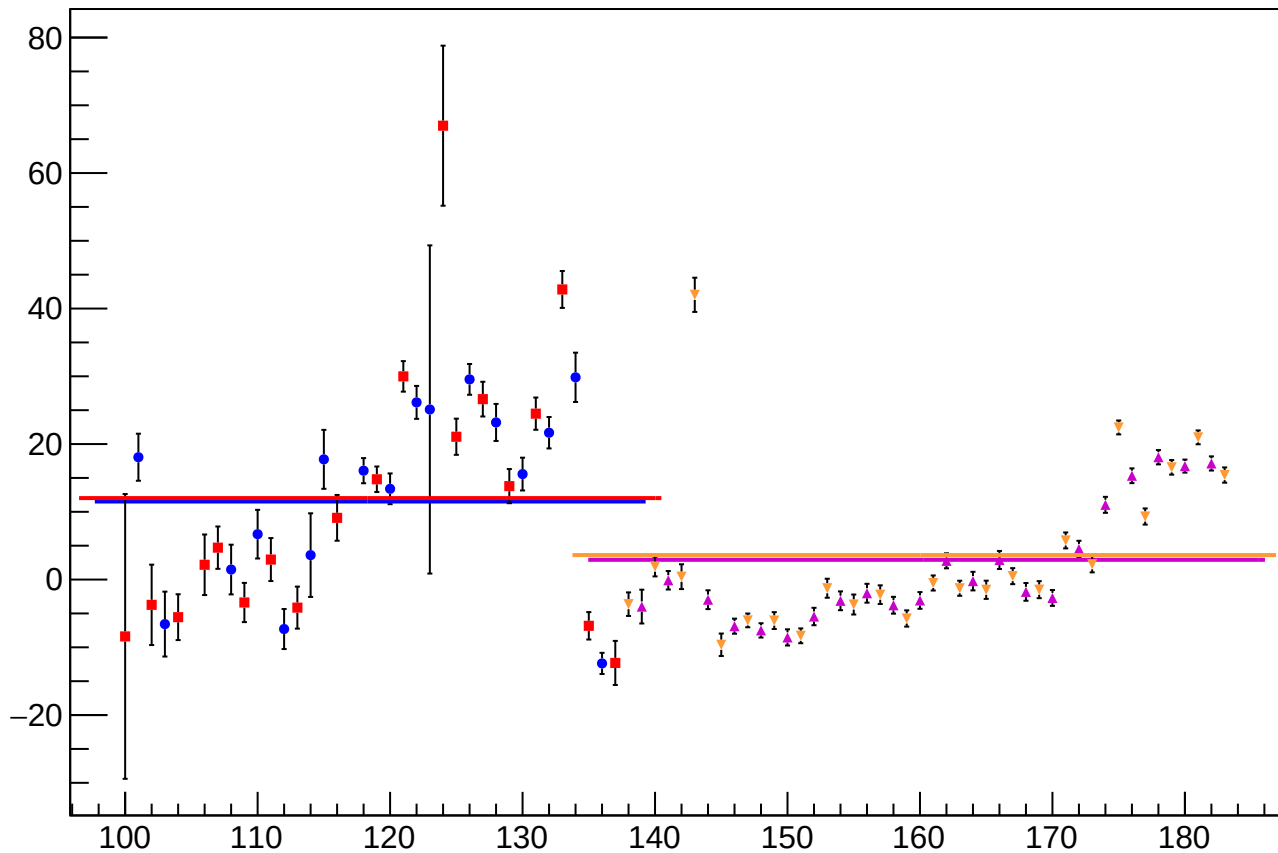
Right: 72.502 ± 0.760 $\chi^2/\text{NDF}: 3760.2/35$

In: 43.474 ± 0.277 $\chi^2/\text{NDF}: 3097.9/38$

Out: 44.229 ± 0.275 $\chi^2/\text{NDF}: 4694.5/42$

All: 43.855 ± 0.195 $\chi^2/\text{NDF}: 7796.1/81$

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521+/-0.660 χ^2/NDF : 477.2/16

Left Out: 3.618+/-0.254 χ^2/NDF : 1679.6/23

Right Out: 12.026+/-0.664 χ^2/NDF : 539.7/18

Left In: 2.914+/-0.259 χ^2/NDF : 1242.0/21

Left: 3.272+/-0.181 χ^2/NDF : 2925.3/45

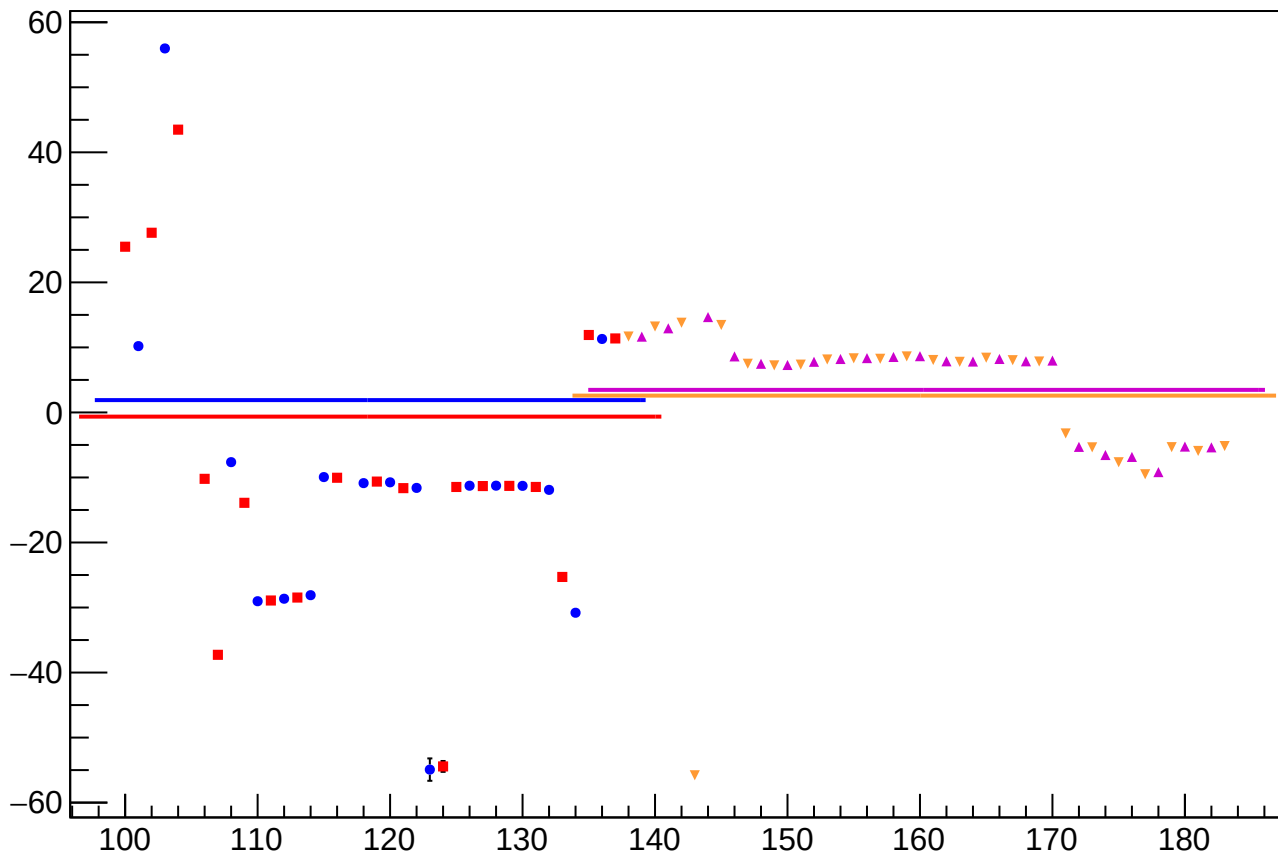
Right: 11.772+/-0.468 χ^2/NDF : 1017.2/35

In: 4.061+/-0.241 χ^2/NDF : 1866.6/38

Out: 4.692+/-0.237 χ^2/NDF : 2359.1/42

All: 4.381+/-0.169 χ^2/NDF : 4229.2/81

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 $\pm$ 0.037 χ^2 /NDF: 358855.7/16

Left Out: 2.588 $\pm$ 0.012 χ^2 /NDF: 608012.1/23

Right Out: -0.644 $\pm$ 0.037 χ^2 /NDF: 361626.2/18

Left In: 3.470 $\pm$ 0.012 χ^2 /NDF: 397454.5/21

Left: 3.027 $\pm$ 0.008 χ^2 /NDF: 1008303.6/45

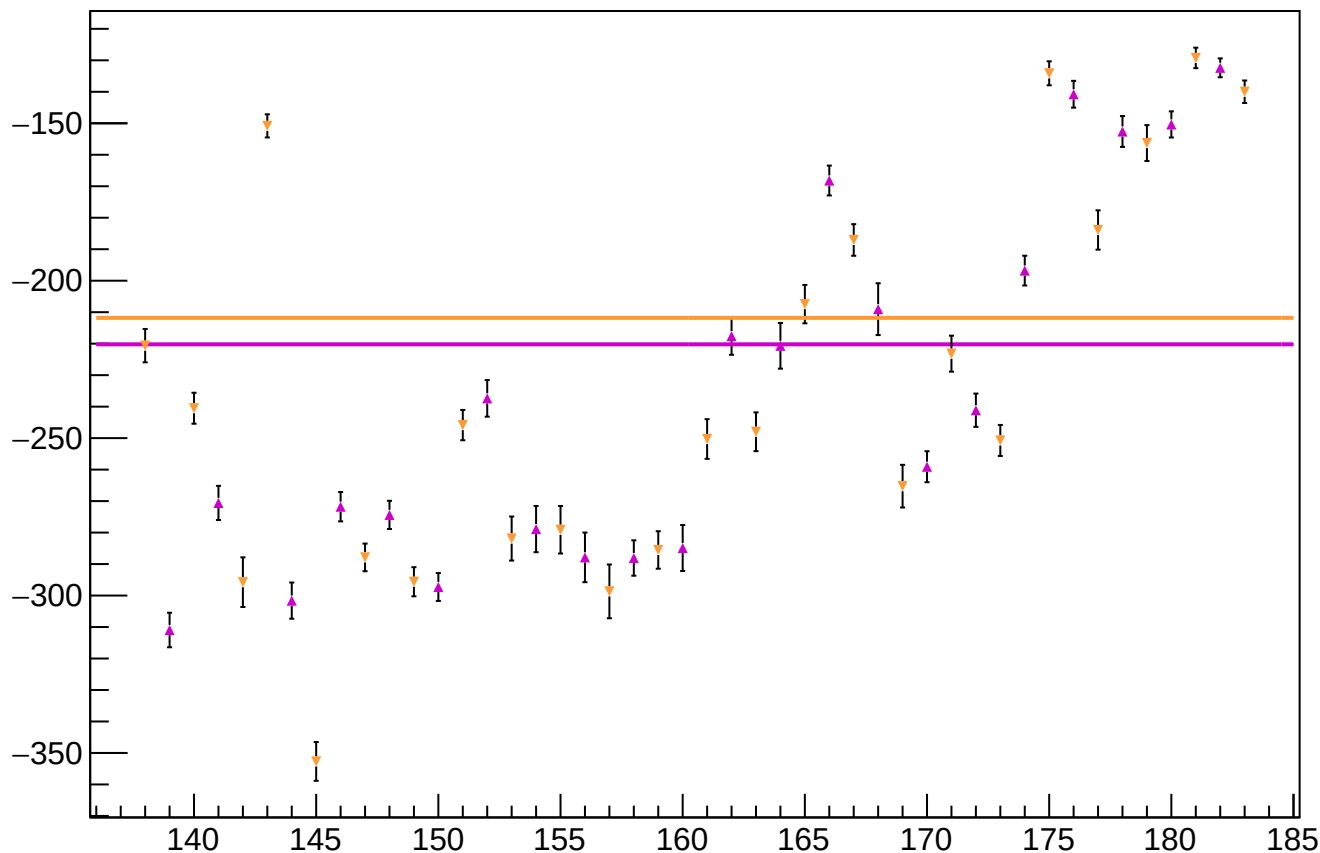
Right: 0.626 $\pm$ 0.026 χ^2 /NDF: 722831.9/35

In: 3.326 $\pm$ 0.011 χ^2 /NDF: 757950.8/38

Out: 2.295 $\pm$ 0.011 χ^2 /NDF: 976557.7/42

All: 2.809 $\pm$ 0.008 χ^2 /NDF: 1738772.8/81

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -211.801 ± 1.040 $\chi^2/\text{NDF}: 3869.1/23$

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

Left In: -220.206 ± 1.083 $\chi^2/\text{NDF}: 3405.9/21$

Left: -215.833 ± 0.750 $\chi^2/\text{NDF}: 7306.3/45$

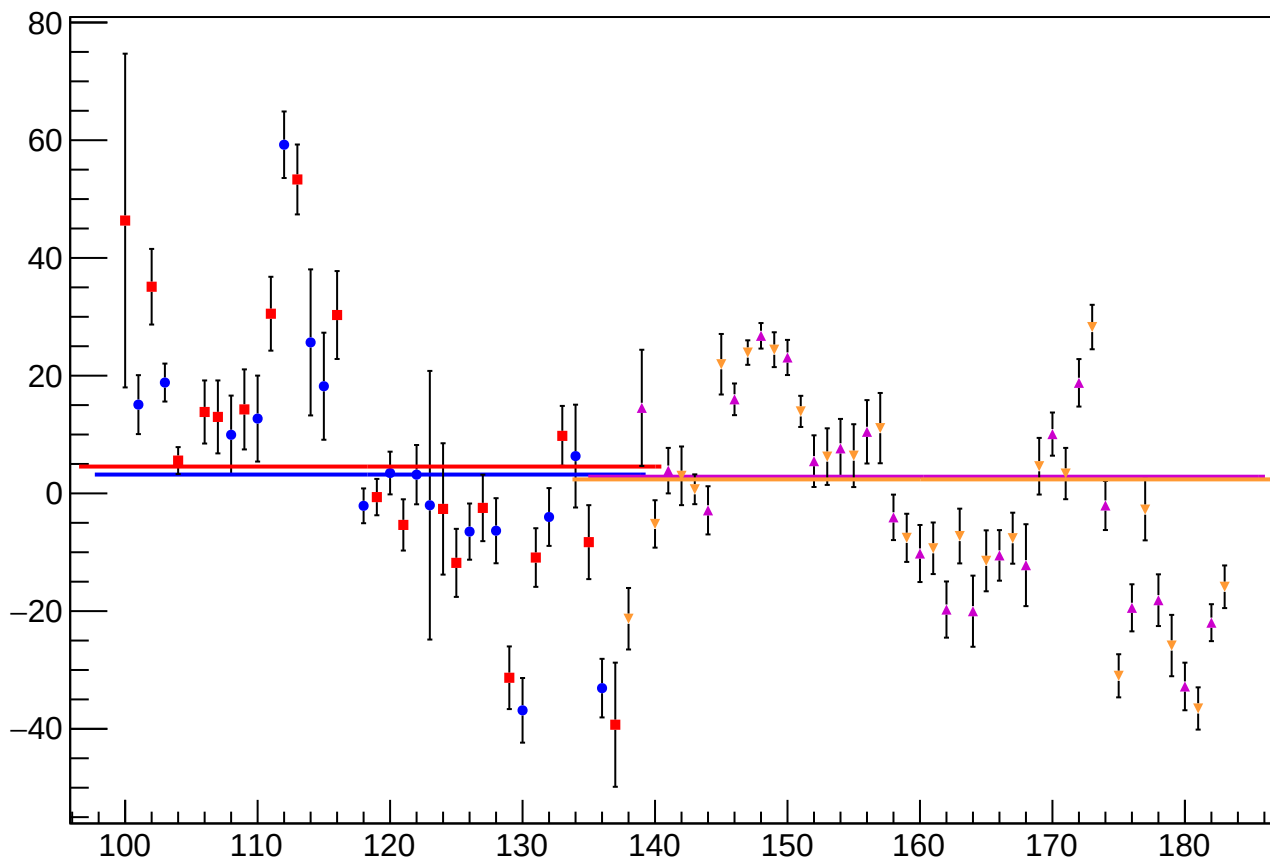
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -220.206 ± 1.083 $\chi^2/\text{NDF}: 3405.9/21$

Out: -211.801 ± 1.040 $\chi^2/\text{NDF}: 3869.1/23$

All: -215.833 ± 0.750 $\chi^2/\text{NDF}: 7306.3/45$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 $\chi^2/\text{NDF}: 255.2/16$

Left Out: 2.378 ± 0.780 $\chi^2/\text{NDF}: 557.1/23$

Right Out: 4.558 ± 1.158 $\chi^2/\text{NDF}: 223.9/18$

Left In: 2.835 ± 0.830 $\chi^2/\text{NDF}: 474.5/21$

Left: 2.592 ± 0.568 $\chi^2/\text{NDF}: 1031.8/45$

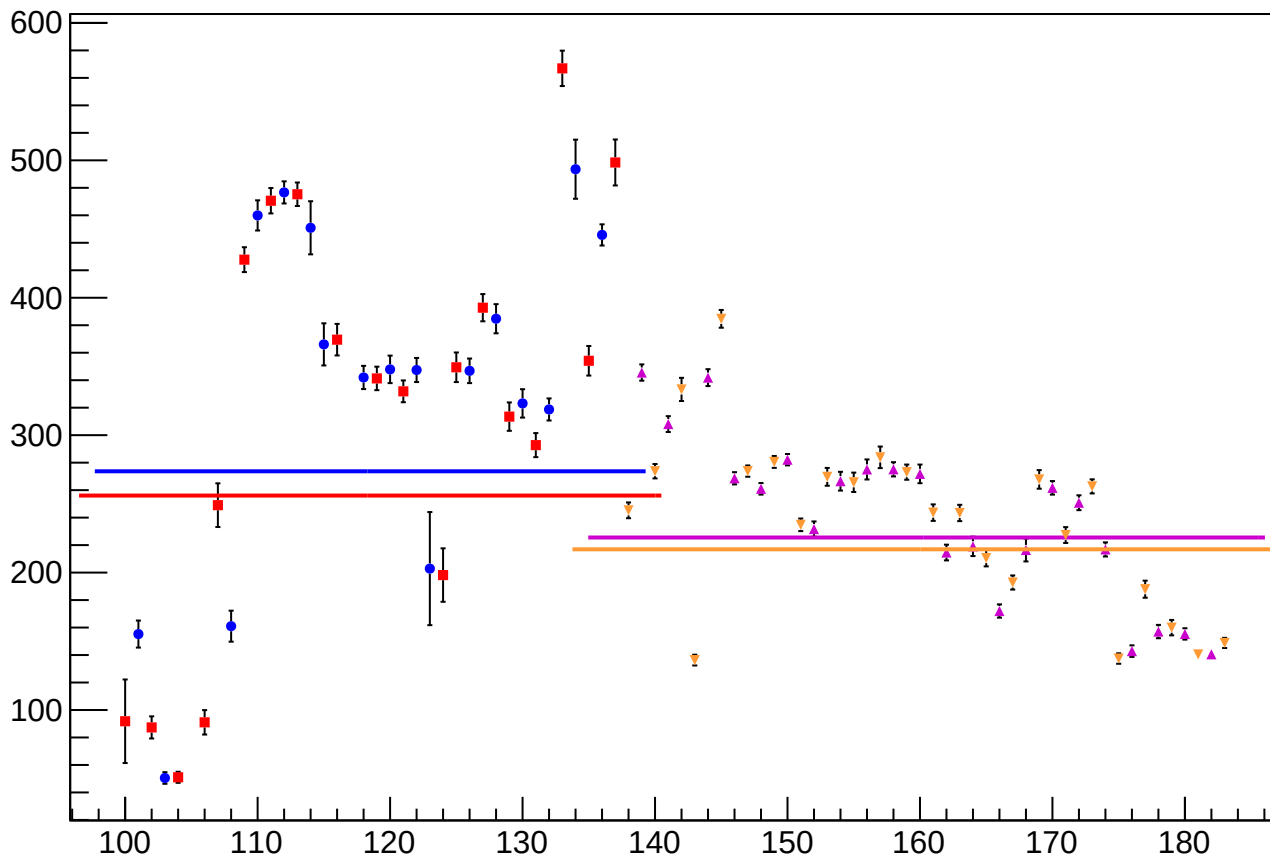
Right: 3.919 ± 0.842 $\chi^2/\text{NDF}: 479.7/35$

In: 2.949 ± 0.687 $\chi^2/\text{NDF}: 729.8/38$

Out: 3.059 ± 0.647 $\chi^2/\text{NDF}: 783.5/42$

All: 3.008 ± 0.471 $\chi^2/\text{NDF}: 1513.3/81$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717 $\pm$ 2.195 χ^2 /NDF: 5103.3/16

Left Out: 216.938 $\pm$ 1.042 χ^2 /NDF:3757.1/23

Right Out: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

Left In: 225.531 $\pm$ 1.076 χ^2 /NDF:3368.8/21

Left: 221.094 $\pm$ 0.749 χ^2 /NDF: 7158.8/45

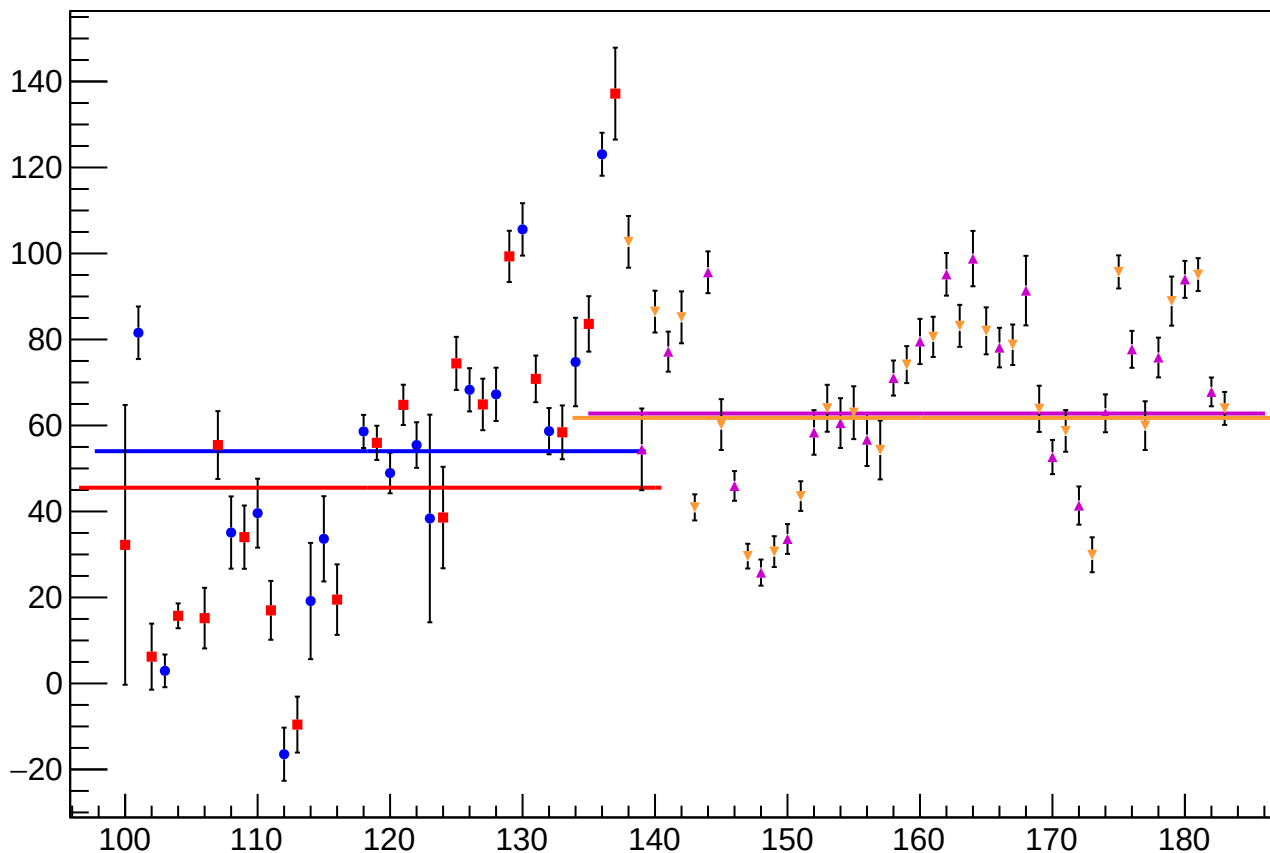
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 234.875 $\pm$ 0.966 χ^2 /NDF:8860.8/38

Out: 224.790 $\pm$ 0.931 χ^2 /NDF:10481.2/42

All: 229.646 $\pm$ 0.671 χ^2 /NDF: 19398.4/81

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 $\pm$ 1.423 χ^2 /NDF: 632.9/16

Left Out: 61.757 $\pm$ 0.904 χ^2 /NDF:673.7/23

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 62.775 $\pm$ 0.952 χ^2 /NDF:517.5/21

Left: 62.240 $\pm$ 0.656 χ^2 /NDF: 1191.8/45

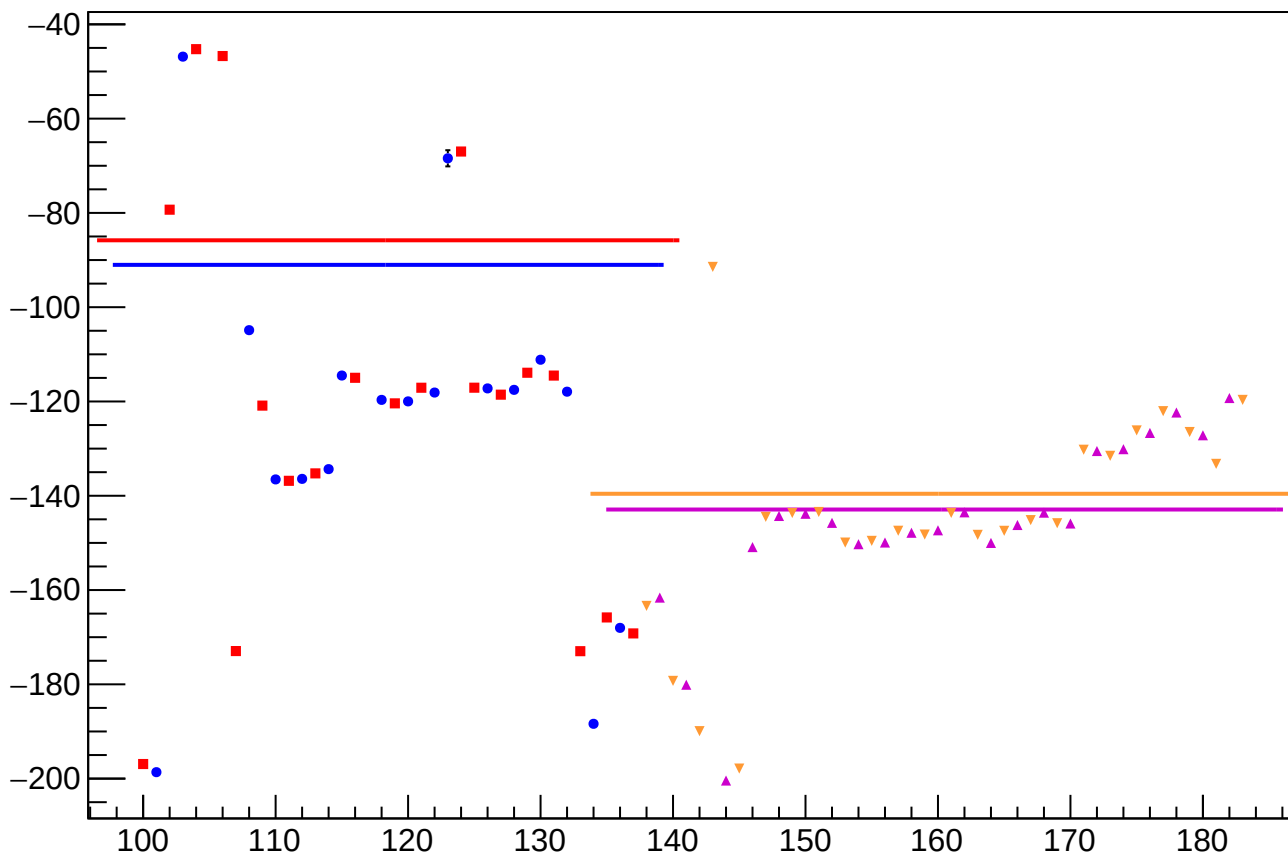
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 60.066 $\pm$ 0.792 χ^2 /NDF:1176.5/38

Out: 56.770 $\pm$ 0.752 χ^2 /NDF:1299.5/42

All: 58.334 $\pm$ 0.545 χ^2 /NDF: 2485.2/81

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 ± 0.068 $\chi^2/\text{NDF}: 534258.1/16$

Left Out: -139.579 ± 0.043 $\chi^2/\text{NDF}: 252062.6/23$

Right Out: -85.811 ± 0.065 $\chi^2/\text{NDF}: 495868.7/18$

Left In: -142.919 ± 0.045 $\chi^2/\text{NDF}: 138576.7/21$

Left: -141.205 ± 0.031 $\chi^2/\text{NDF}: 393522.0/45$

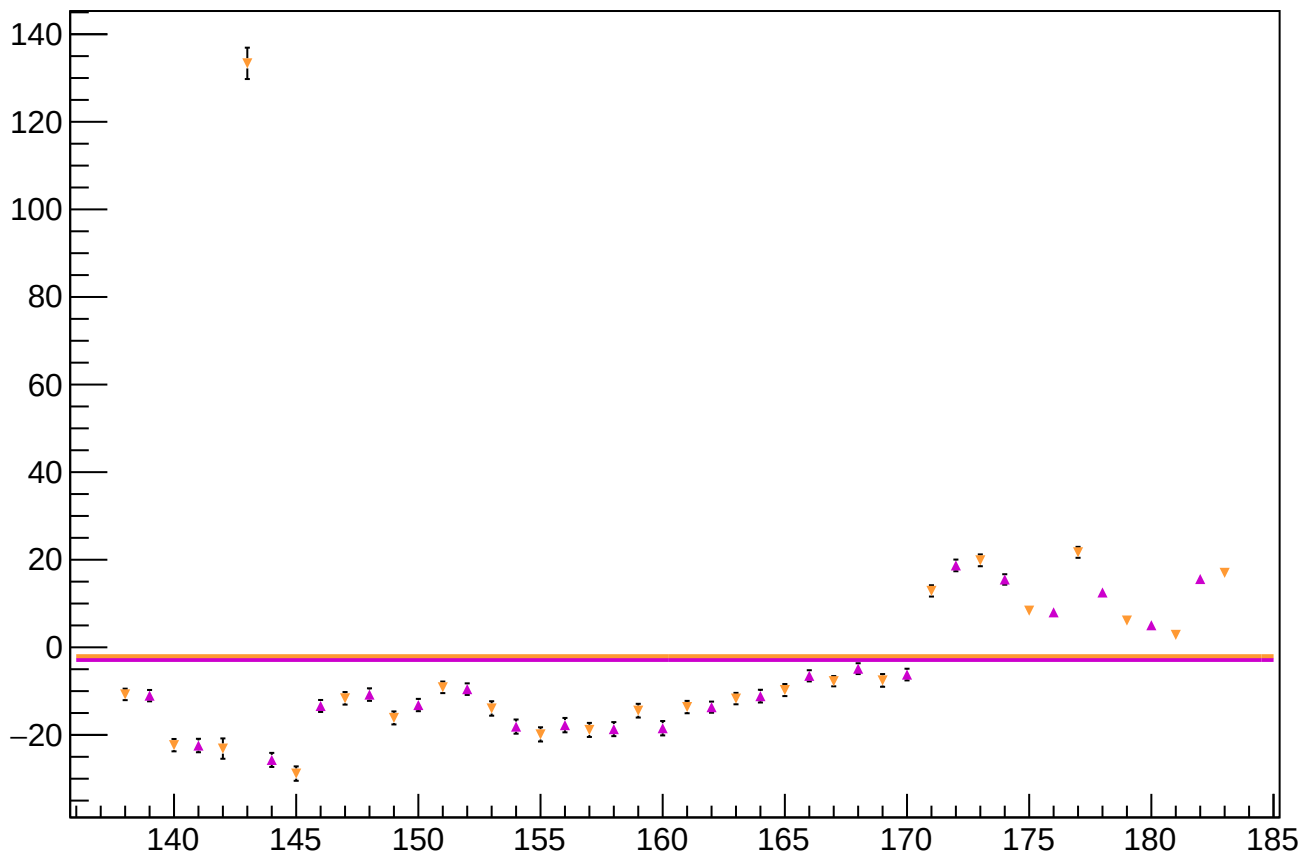
Right: -88.315 ± 0.047 $\chi^2/\text{NDF}: 1033213.2/35$

In: -127.193 ± 0.037 $\chi^2/\text{NDF}: 1083843.8/38$

Out: -123.004 ± 0.036 $\chi^2/\text{NDF}: 1220970.4/42$

All: -125.036 ± 0.026 $\chi^2/\text{NDF}: 2311341.5/81$

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



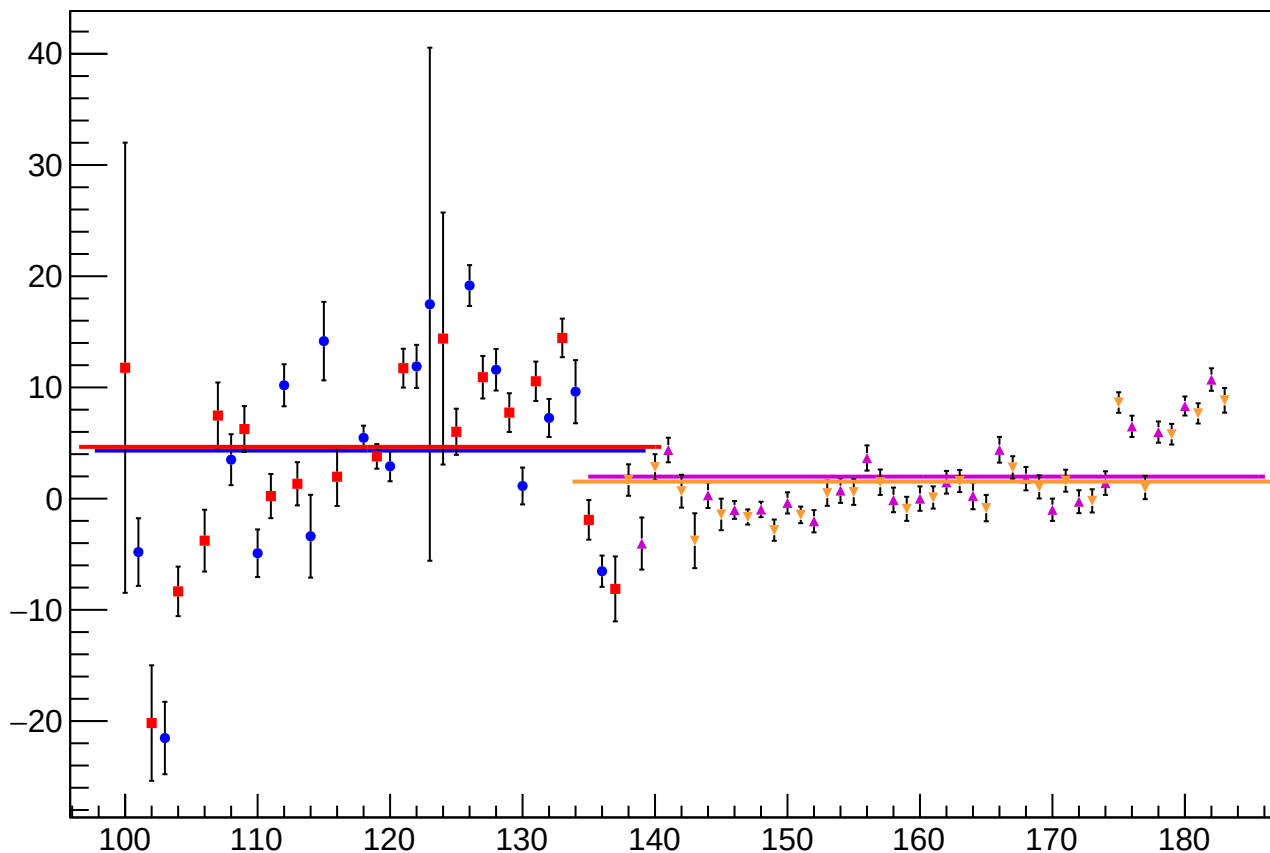
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.024+/-0.270 χ^2/NDF :4008.1/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.878+/-0.273 χ^2/NDF :2324.5/21

Left: -2.446+/-0.192 χ^2/NDF : 6337.6/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.878+/-0.273 χ^2/NDF :2324.5/21
 Out: -2.024+/-0.270 χ^2/NDF :4008.1/23

All: -2.446+/-0.192 χ^2/NDF : 6337.6/45

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 χ^2/NDF : 280.3/16

Left Out: 1.532 ± 0.212 χ^2/NDF : 255.8/23

Right Out: 4.657 ± 0.474 χ^2/NDF : 184.5/18

Left In: 1.979 ± 0.216 χ^2/NDF : 267.7/21

Left: 1.750 ± 0.151 χ^2/NDF : 525.7/45

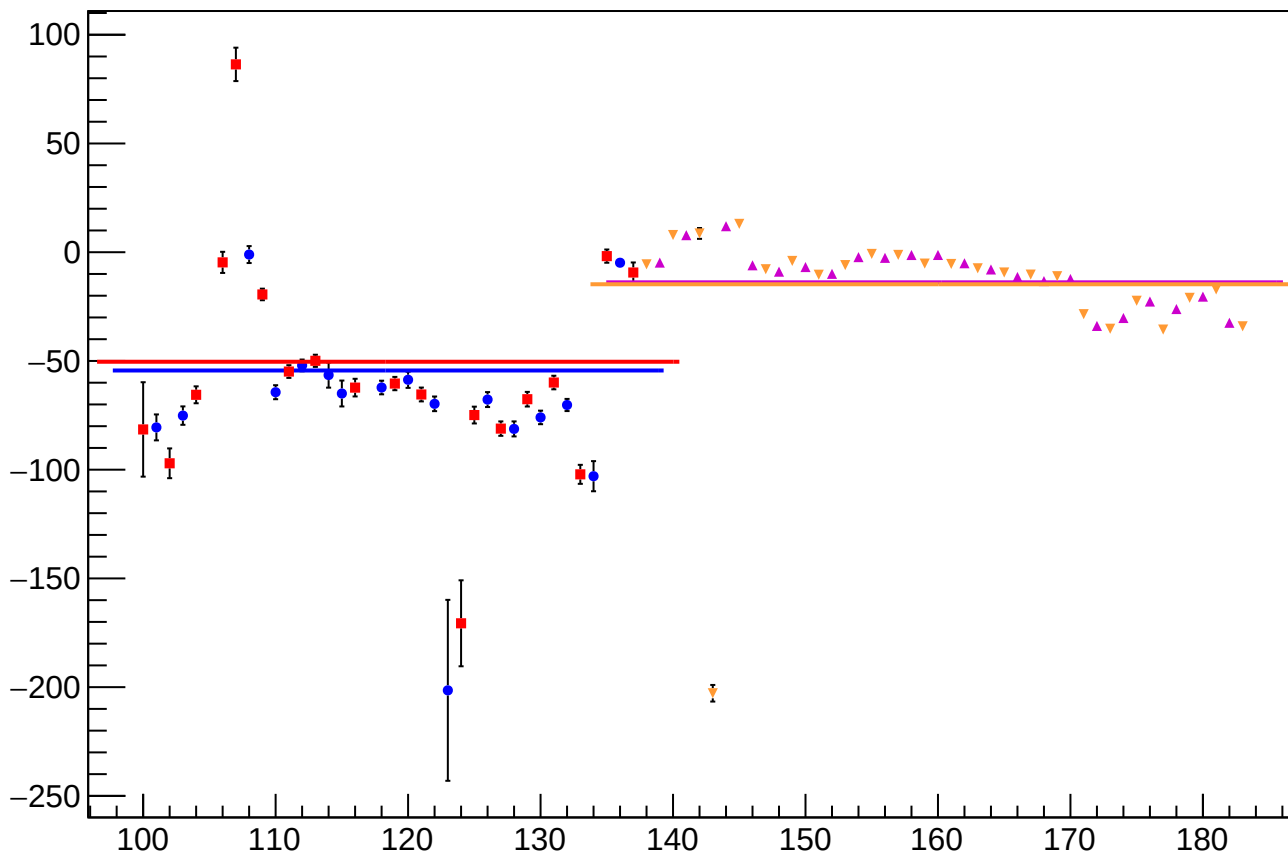
Right: 4.486 ± 0.332 χ^2/NDF : 465.1/35

In: 2.396 ± 0.196 χ^2/NDF : 568.9/38

Out: 2.051 ± 0.193 χ^2/NDF : 476.6/42

All: 2.221 ± 0.138 χ^2/NDF : 1047.0/81

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 χ^2/NDF : 1014.0/16

Left Out: -14.732 ± 0.269 χ^2/NDF : 4507.8/23

Right Out: -50.364 ± 0.858 χ^2/NDF : 1321.3/18

Left In: -13.844 ± 0.271 χ^2/NDF : 1850.6/21

Left: -14.292 ± 0.191 χ^2/NDF : 6363.9/45

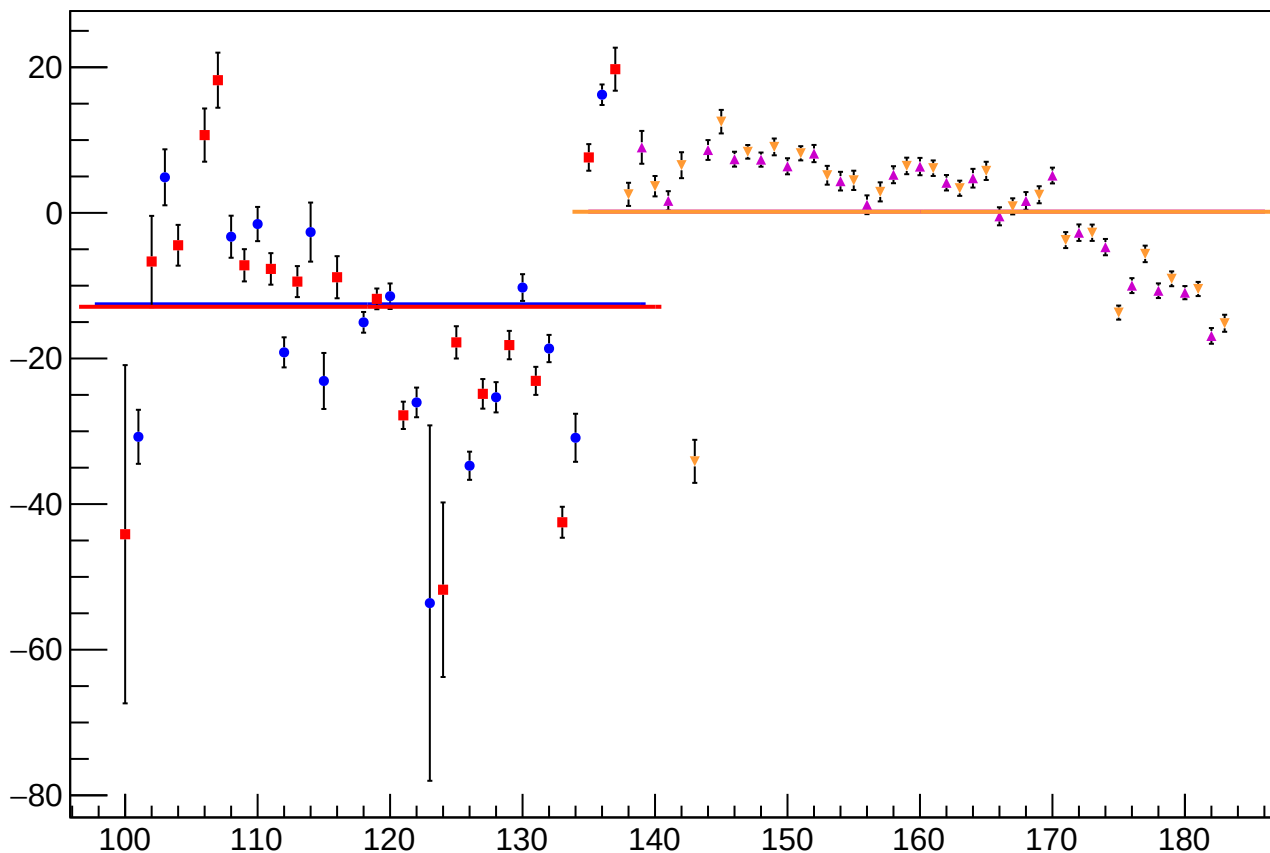
Right: -52.360 ± 0.609 χ^2/NDF : 2346.2/35

In: -17.468 ± 0.258 χ^2/NDF : 4867.4/38

Out: -17.914 ± 0.256 χ^2/NDF : 7401.2/42

All: -17.693 ± 0.182 χ^2/NDF : 12270.2/81

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 0.152 ± 0.240 χ^2/NDF : 1167.6/23

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 0.172 ± 0.244 χ^2/NDF : 982.4/21

Left: 0.162 ± 0.171 χ^2/NDF : 2149.9/45

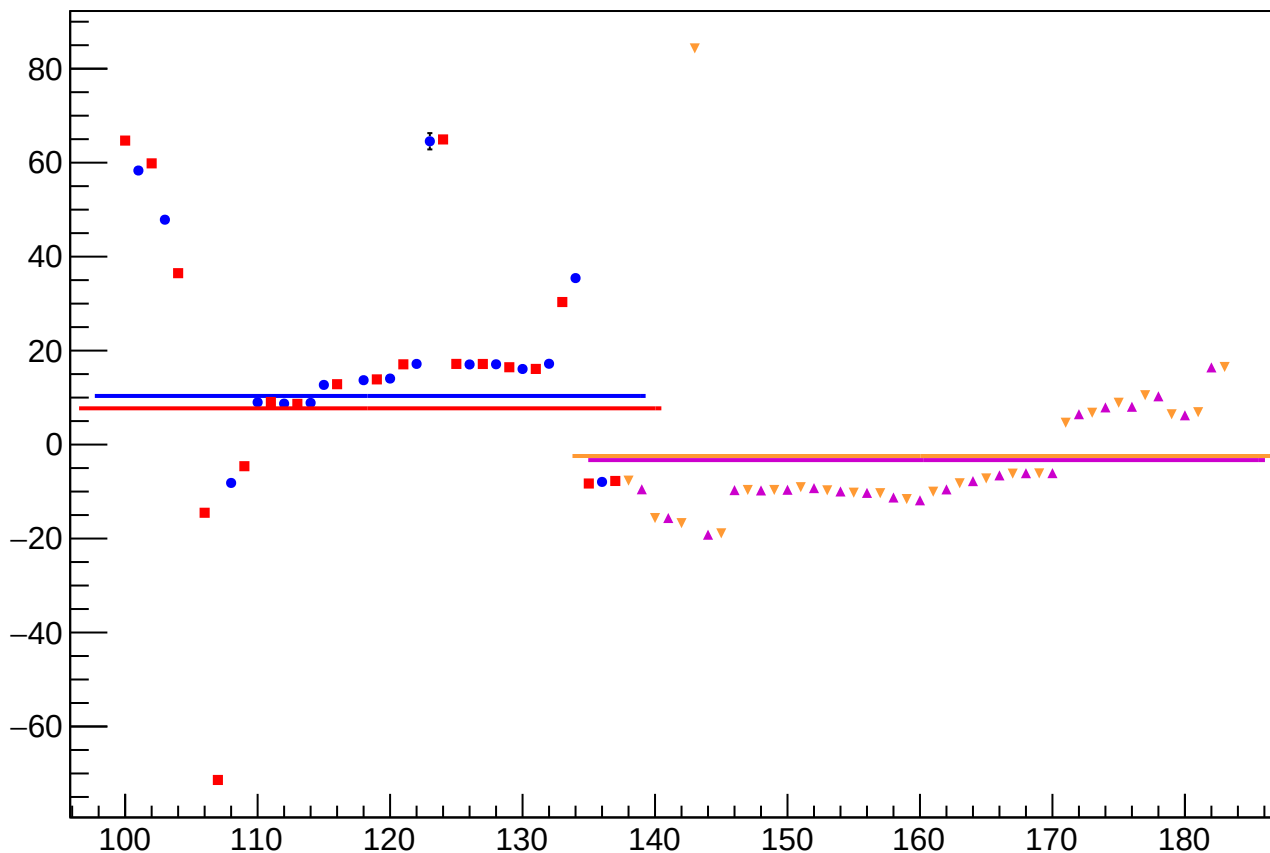
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: -2.049 ± 0.222 χ^2/NDF : 2235.8/38

Out: -2.010 ± 0.219 χ^2/NDF : 2386.7/42

All: -2.029 ± 0.156 χ^2/NDF : 4622.5/81

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350+/-0.031 χ^2/NDF : 380878.9/16

Left Out: -2.434+/-0.011 χ^2/NDF :1044875.5/23

Right Out: 7.715+/-0.031 χ^2/NDF : 545032.1/18

Left In: -3.304+/-0.011 χ^2/NDF :712309.1/21

Left: -2.868+/-0.008 χ^2/NDF : 1760298.7/45

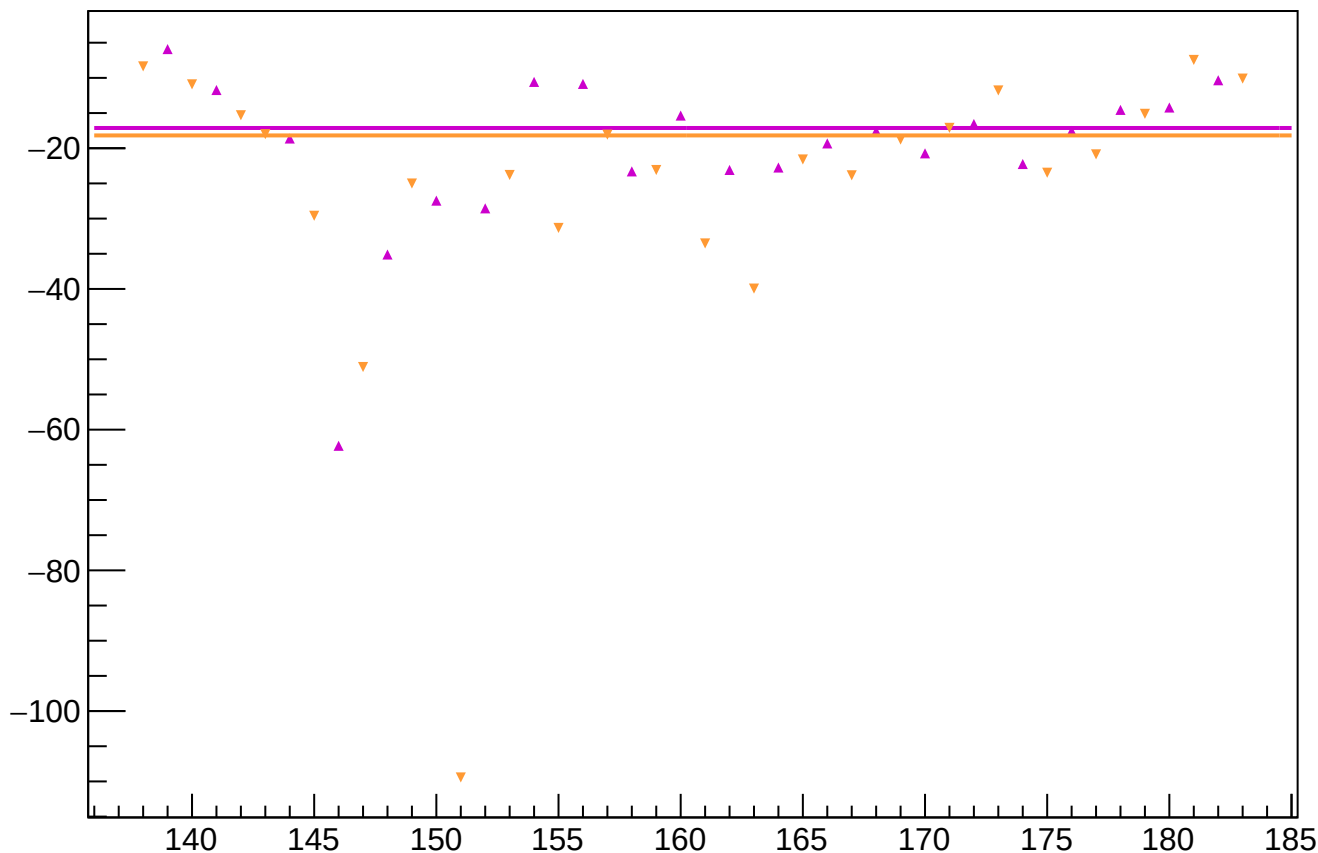
Right: 9.061+/-0.022 χ^2/NDF : 929542.3/35

In: -1.728+/-0.010 χ^2/NDF :1269538.2/38

Out: -1.312+/-0.010 χ^2/NDF :1683638.8/42

All: -1.520+/-0.007 χ^2/NDF : 2953976.5/81

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -18.180+/-0.039 χ^2/NDF : 88474.5/23

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

Left In: -17.122+/-0.039 χ^2/NDF : 44236.5/21

Left: -17.641+/-0.028 χ^2/NDF : 133078.3/45

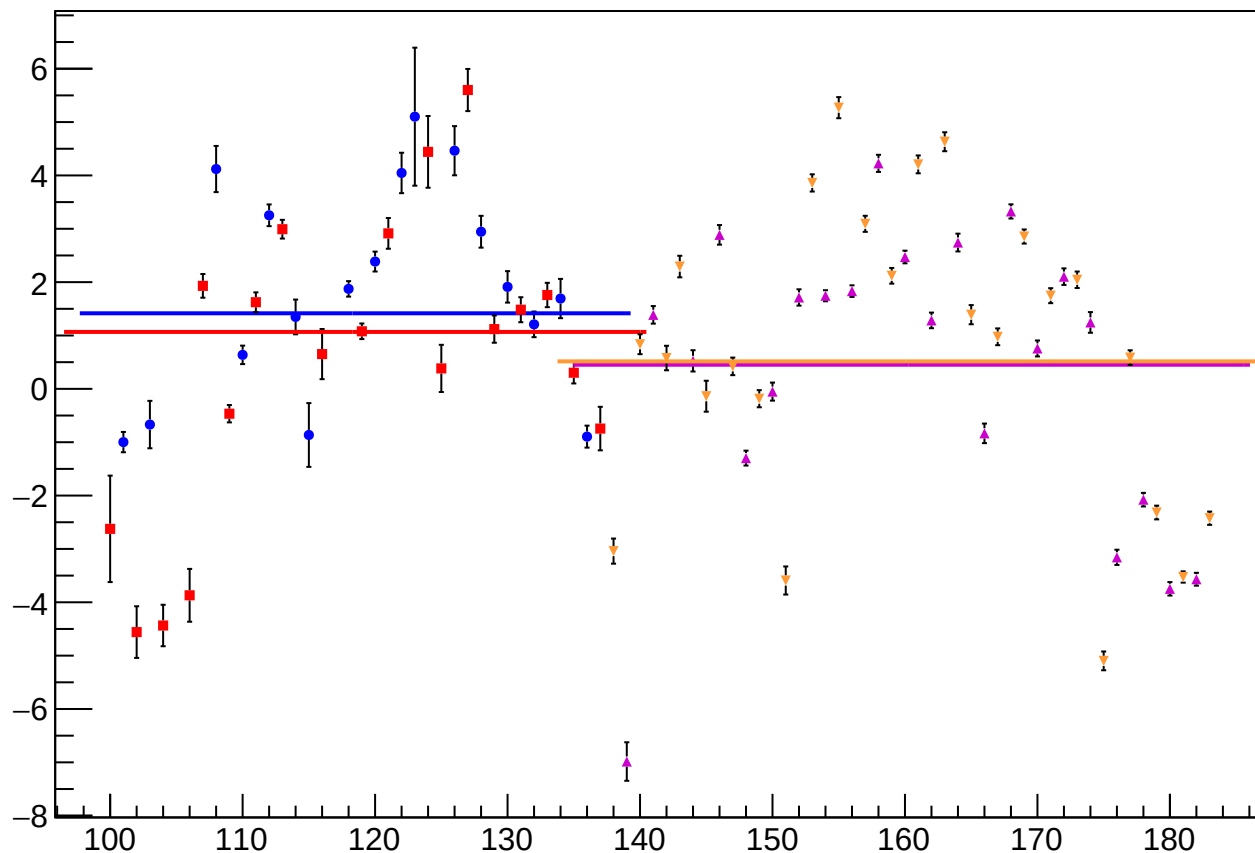
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.122+/-0.039 χ^2/NDF : 44236.5/21

Out: -18.180+/-0.039 χ^2/NDF : 88474.5/23

All: -17.641+/-0.028 χ^2/NDF : 133078.3/45

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 ± 0.061 χ^2/NDF : 631.2/16

Left Out: 0.515 ± 0.033 χ^2/NDF : 7051.0/23

Right Out: 1.067 ± 0.058 χ^2/NDF : 929.9/18

Left In: 0.452 ± 0.031 χ^2/NDF : 6156.6/21

Left: 0.482 ± 0.023 χ^2/NDF : 13209.6/45

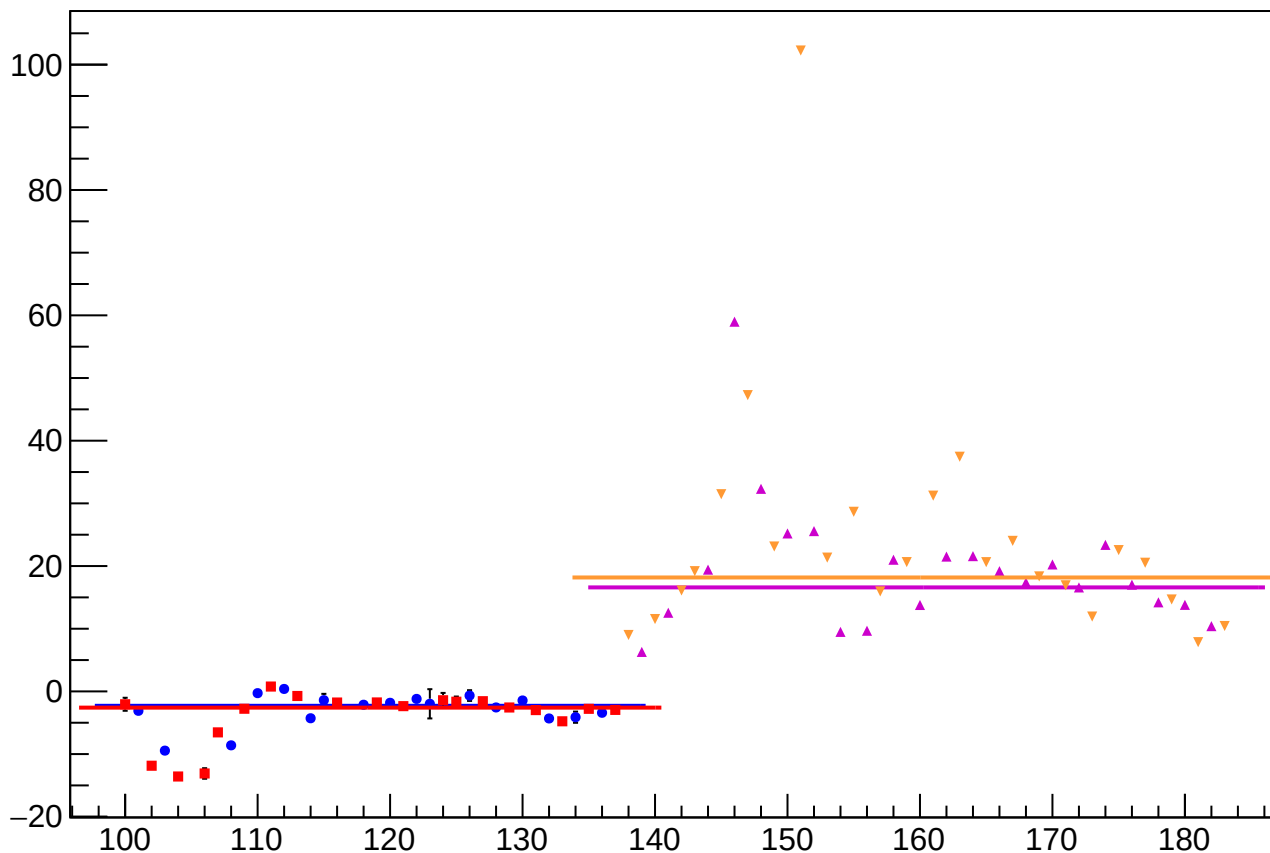
Right: 1.233 ± 0.042 χ^2/NDF : 1578.2/35

In: 0.649 ± 0.028 χ^2/NDF : 6985.3/38

Out: 0.648 ± 0.029 χ^2/NDF : 8049.4/42

All: 0.649 ± 0.020 χ^2/NDF : 15034.8/81

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 $\chi^2/\text{NDF}: 440.0/16$

Left Out: 18.177 ± 0.040 $\chi^2/\text{NDF}: 77817.9/23$

Right Out: -2.589 ± 0.099 $\chi^2/\text{NDF}: 889.9/18$

Left In: 16.593 ± 0.038 $\chi^2/\text{NDF}: 41026.7/21$

Left: 17.358 ± 0.027 $\chi^2/\text{NDF}: 119673.9/45$

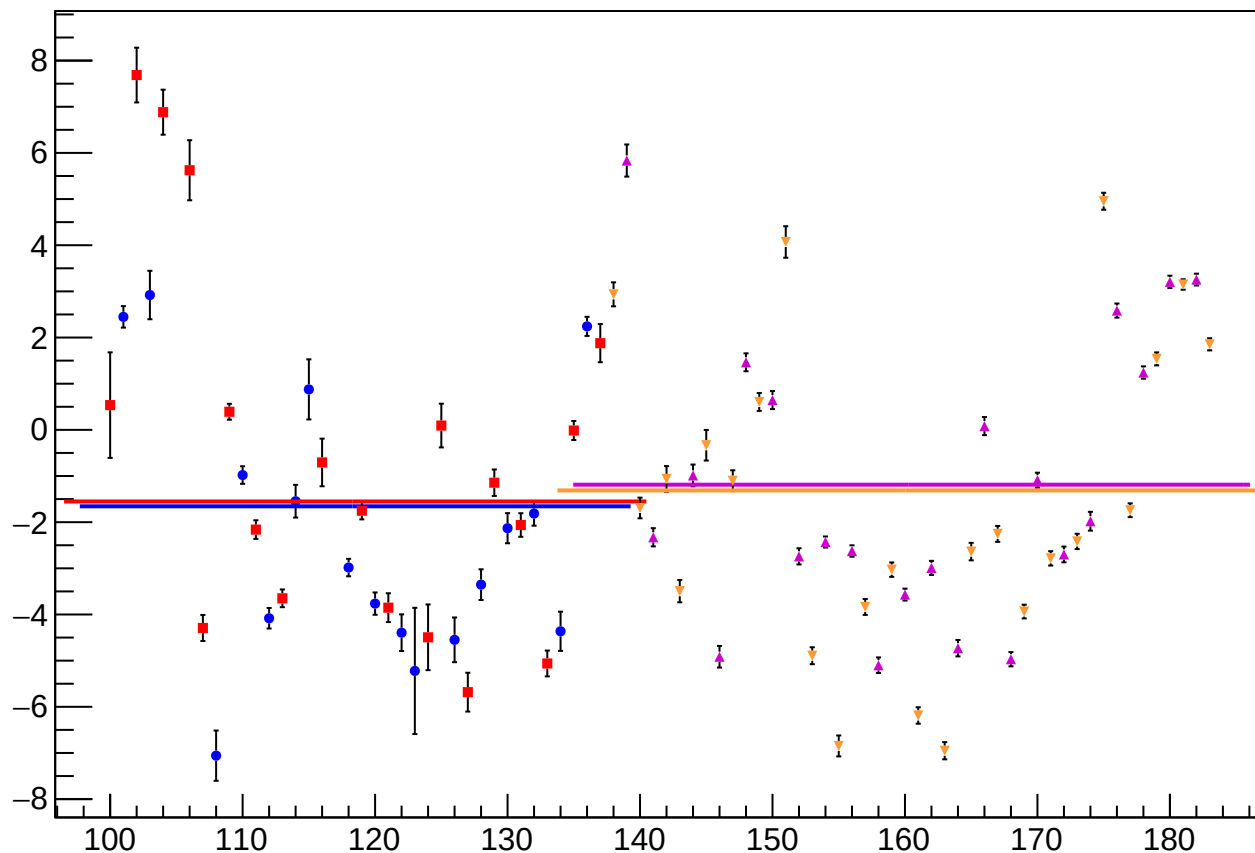
Right: -2.461 ± 0.074 $\chi^2/\text{NDF}: 1333.7/35$

In: 14.585 ± 0.036 $\chi^2/\text{NDF}: 67432.8/38$

Out: 15.310 ± 0.037 $\chi^2/\text{NDF}: 116769.7/42$

All: 14.942 ± 0.026 $\chi^2/\text{NDF}: 184400.5/81$

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: -1.312 ± 0.036 χ^2/NDF : 7921.4/23

Right Out: -1.551 ± 0.066 χ^2/NDF : 1488.1/18

Left In: -1.188 ± 0.034 χ^2/NDF : 6659.8/21

Left: -1.247 ± 0.025 χ^2/NDF : 14587.3/45

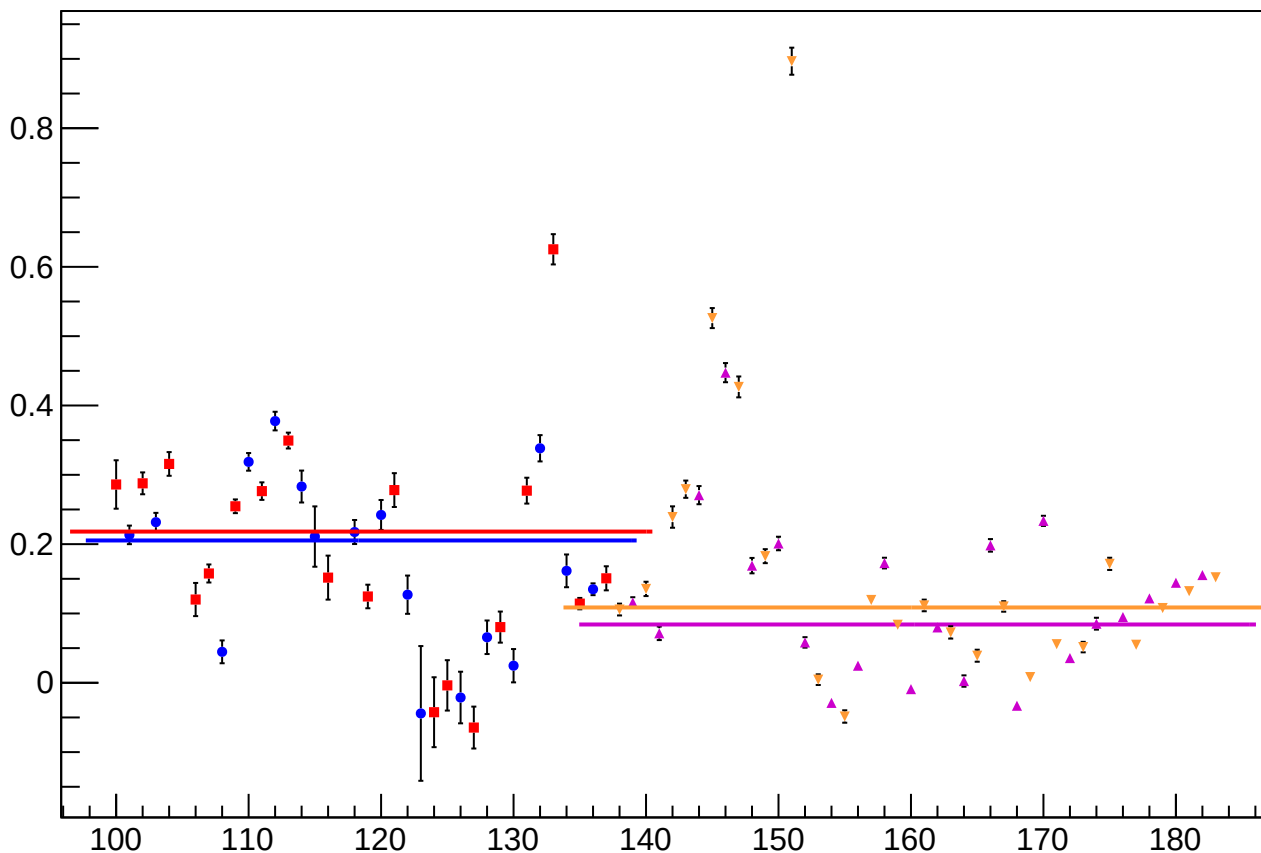
Right: -1.600 ± 0.048 χ^2/NDF : 2760.4/35

In: -1.279 ± 0.031 χ^2/NDF : 7966.5/38

Out: -1.368 ± 0.032 χ^2/NDF : 9419.7/42

All: -1.322 ± 0.022 χ^2/NDF : 17390.3/81

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2 /NDF: 620.5/16

Left Out: 0.109 $\pm$ 0.002 χ^2 /NDF: 4357.9/23

Right Out: 0.218 $\pm$ 0.004 χ^2 /NDF: 1023.2/18

Left In: 0.084 $\pm$ 0.002 χ^2 /NDF: 3559.7/21

Left: 0.096 $\pm$ 0.001 χ^2 /NDF: 8039.3/45

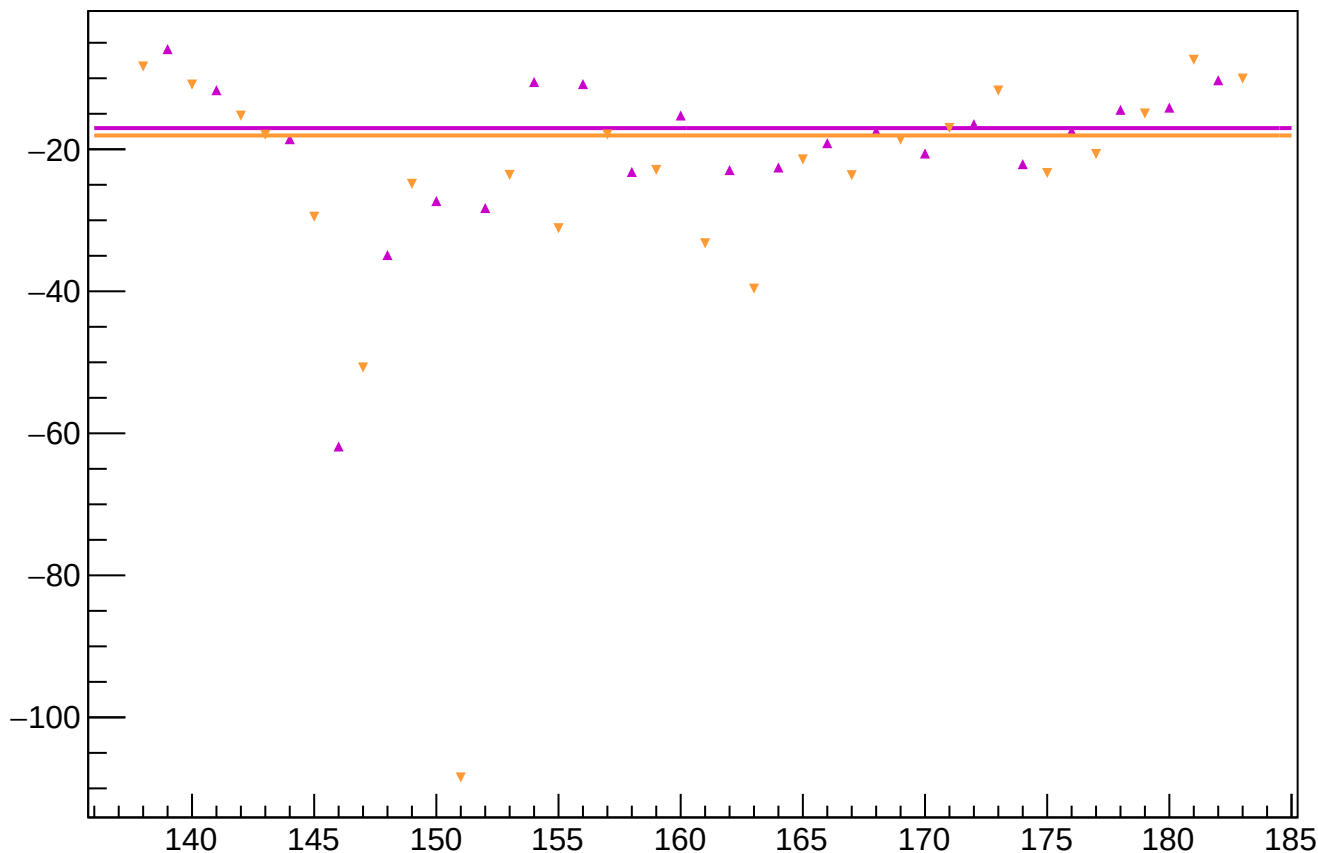
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1649.1/35

In: 0.098 $\pm$ 0.001 χ^2 /NDF: 4936.2/38

Out: 0.127 $\pm$ 0.001 χ^2 /NDF: 6117.9/42

All: 0.112 $\pm$ 0.001 χ^2 /NDF: 11239.6/81

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: -18.056 $\pm$ 0.039 χ^2 /NDF:88314.0/23

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

Left In: -17.017 $\pm$ 0.038 χ^2 /NDF:44158.6/21

Left: -17.527 $\pm$ 0.027 χ^2 /NDF: 132832.1/45

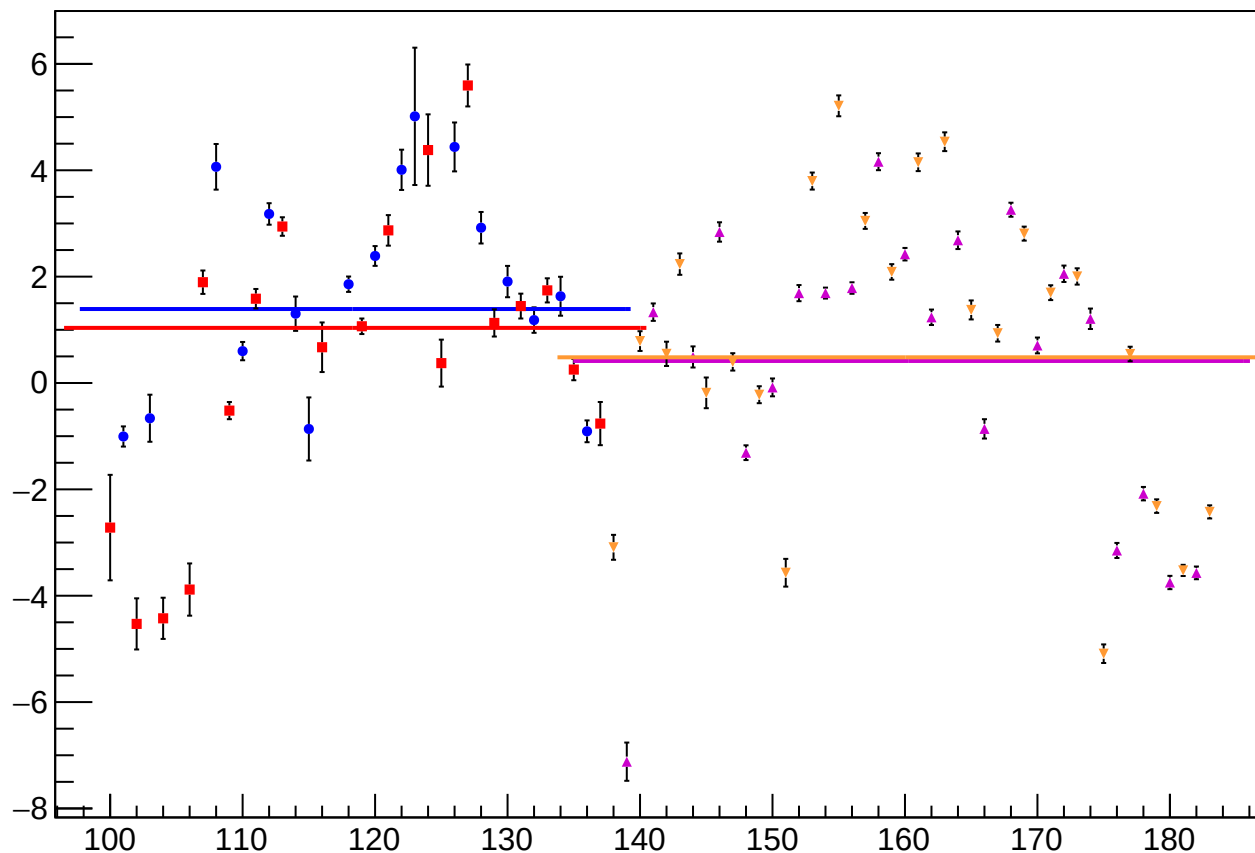
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -17.017 $\pm$ 0.038 χ^2 /NDF:44158.6/21

Out: -18.056 $\pm$ 0.039 χ^2 /NDF:88314.0/23

All: -17.527 $\pm$ 0.027 χ^2 /NDF: 132832.1/45

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 χ^2/NDF : 629.2/16

Left Out: 0.483 ± 0.032 χ^2/NDF : 7034.5/23

Right Out: 1.036 ± 0.058 χ^2/NDF : 934.2/18

Left In: 0.414 ± 0.031 χ^2/NDF : 6144.0/21

Left: 0.447 ± 0.022 χ^2/NDF : 13180.9/45

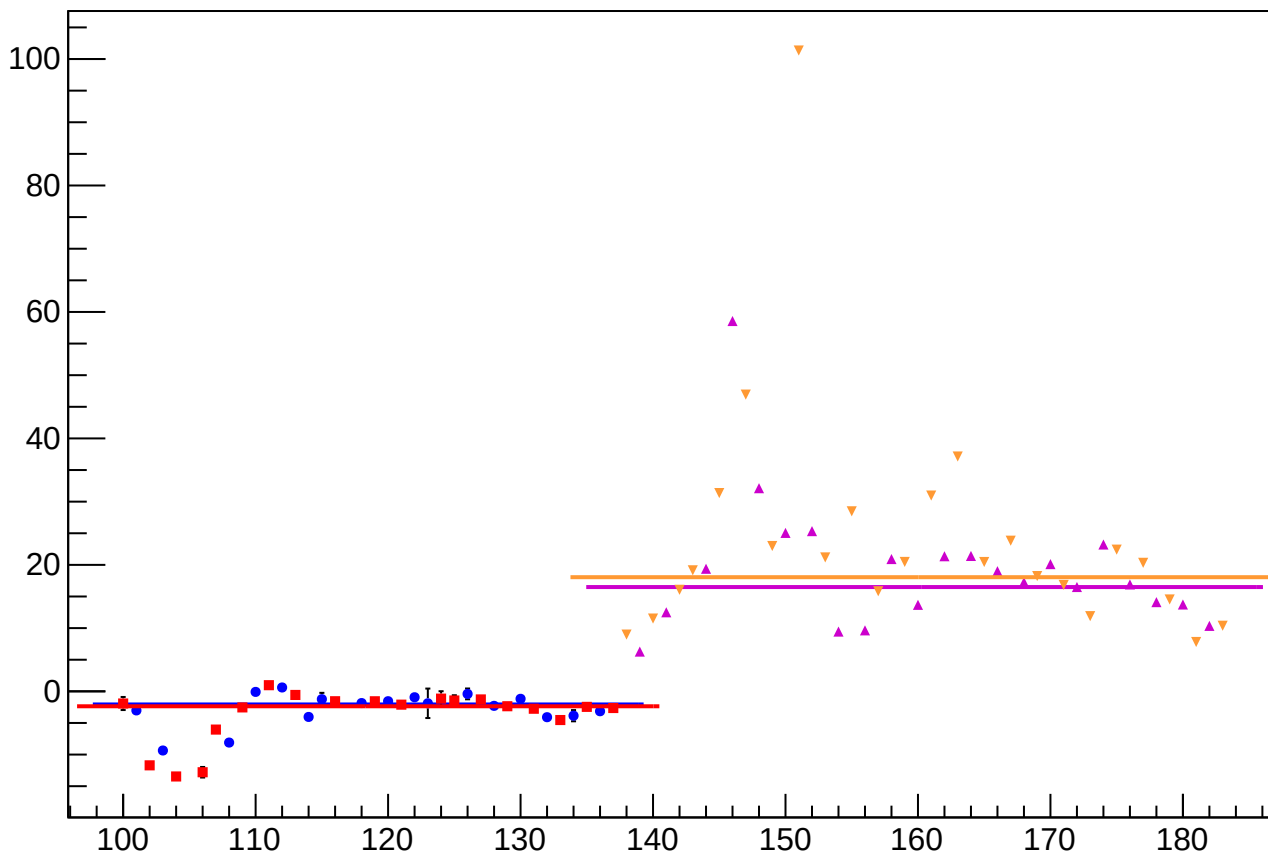
Right: 1.204 ± 0.042 χ^2/NDF : 1581.2/35

In: 0.613 ± 0.027 χ^2/NDF : 6978.0/38

Out: 0.616 ± 0.028 χ^2/NDF : 8038.3/42

All: 0.614 ± 0.020 χ^2/NDF : 15016.3/81

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 18.053 ± 0.039 χ^2/NDF : 77688.4/23

Right Out: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 16.493 ± 0.038 χ^2/NDF : 40954.6/21

Left: 17.247 ± 0.027 χ^2/NDF : 119458.9/45

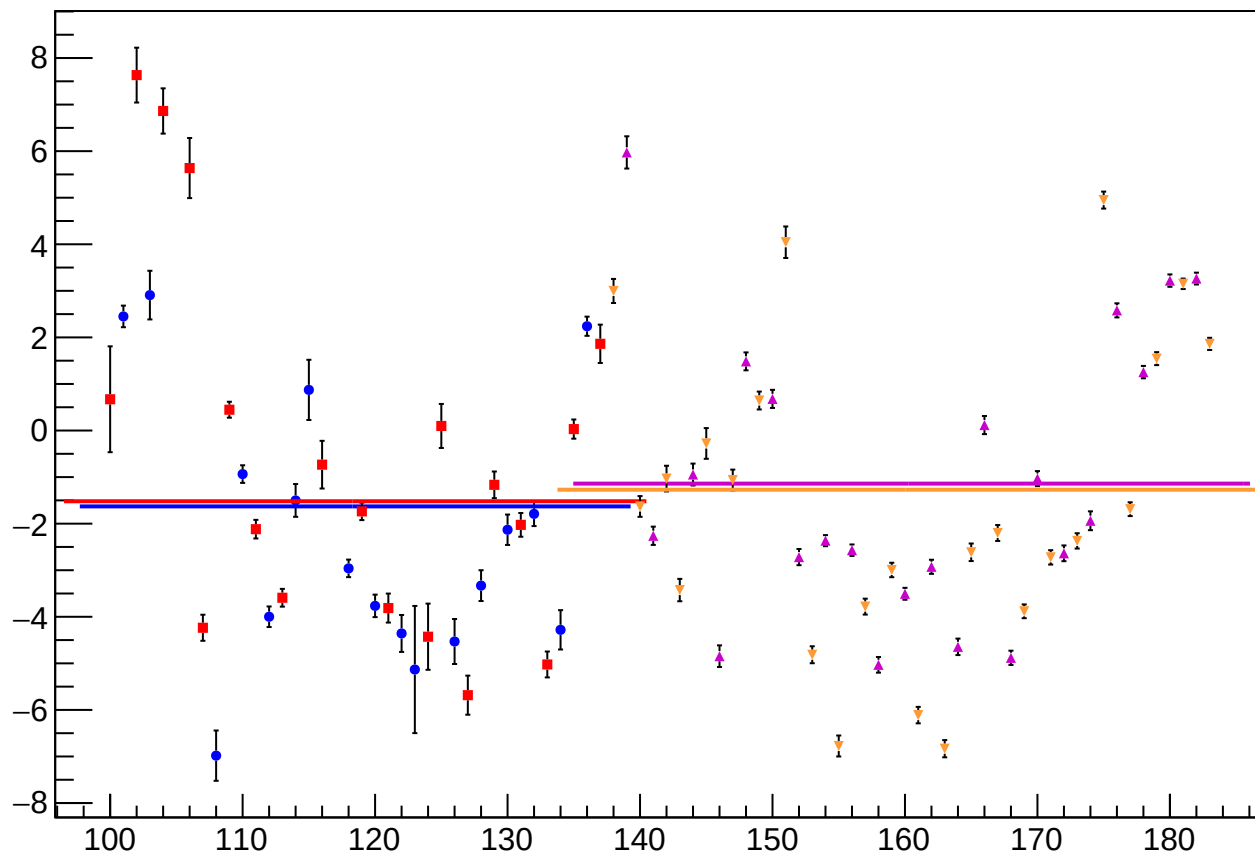
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 14.525 ± 0.036 χ^2/NDF : 66739.7/38

Out: 15.243 ± 0.036 χ^2/NDF : 115780.9/42

All: 14.879 ± 0.026 χ^2/NDF : 182717.5/81

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -1.271 ± 0.036 χ^2/NDF : 7902.0/23

Right Out: -1.519 ± 0.065 χ^2/NDF : 1491.9/18

Left In: -1.140 ± 0.034 χ^2/NDF : 6645.2/21

Left: -1.202 ± 0.025 χ^2/NDF : 14554.1/45

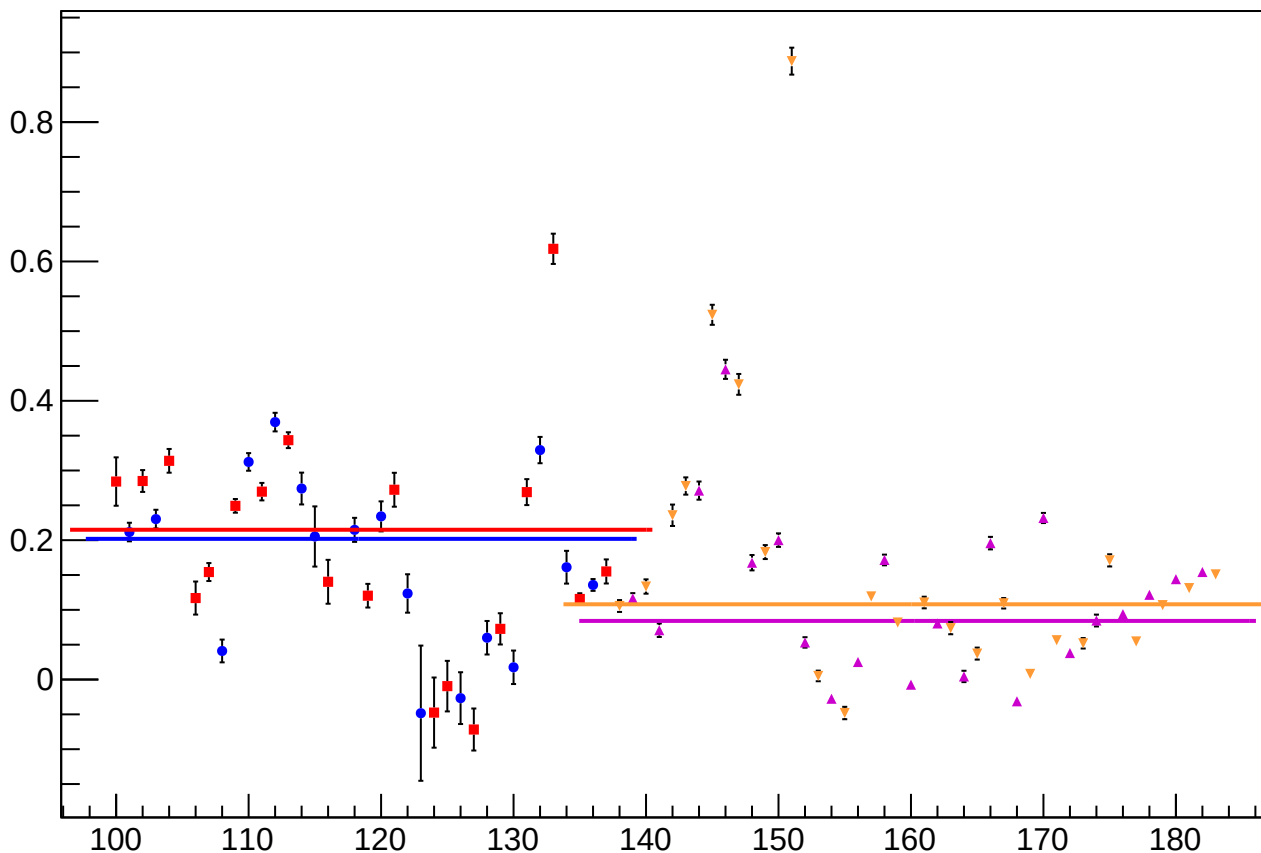
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -1.234 ± 0.031 χ^2/NDF : 7950.9/38

Out: -1.329 ± 0.032 χ^2/NDF : 9405.0/42

All: -1.280 ± 0.022 χ^2/NDF : 17360.4/81

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.004 χ^2/NDF : 604.6/16

Left Out: 0.108 ± 0.002 χ^2/NDF : 4348.9/23

Right Out: 0.215 ± 0.004 χ^2/NDF : 1005.6/18

Left In: 0.084 ± 0.002 χ^2/NDF : 3529.3/21

Left: 0.095 ± 0.001 χ^2/NDF : 7994.9/45

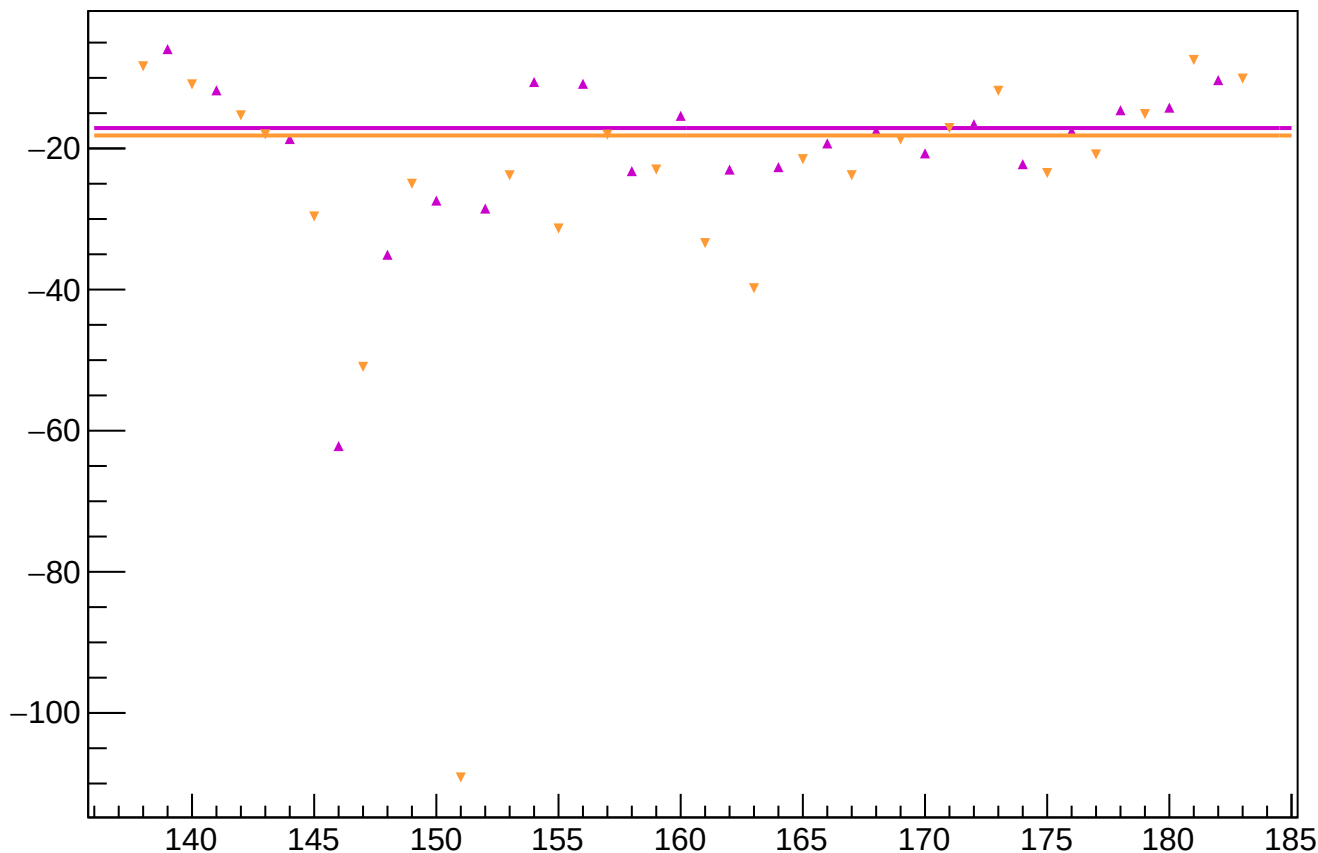
Right: 0.209 ± 0.003 χ^2/NDF : 1615.8/35

In: 0.098 ± 0.001 χ^2/NDF : 4855.2/38

Out: 0.125 ± 0.001 χ^2/NDF : 6065.6/42

All: 0.111 ± 0.001 χ^2/NDF : 11099.4/81

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: -18.166+/-0.039 χ^2/NDF : 88447.8/23

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

Left In: -17.109+/-0.039 χ^2/NDF : 44229.4/21

Left: -17.628+/-0.028 χ^2/NDF : 133046.0/45

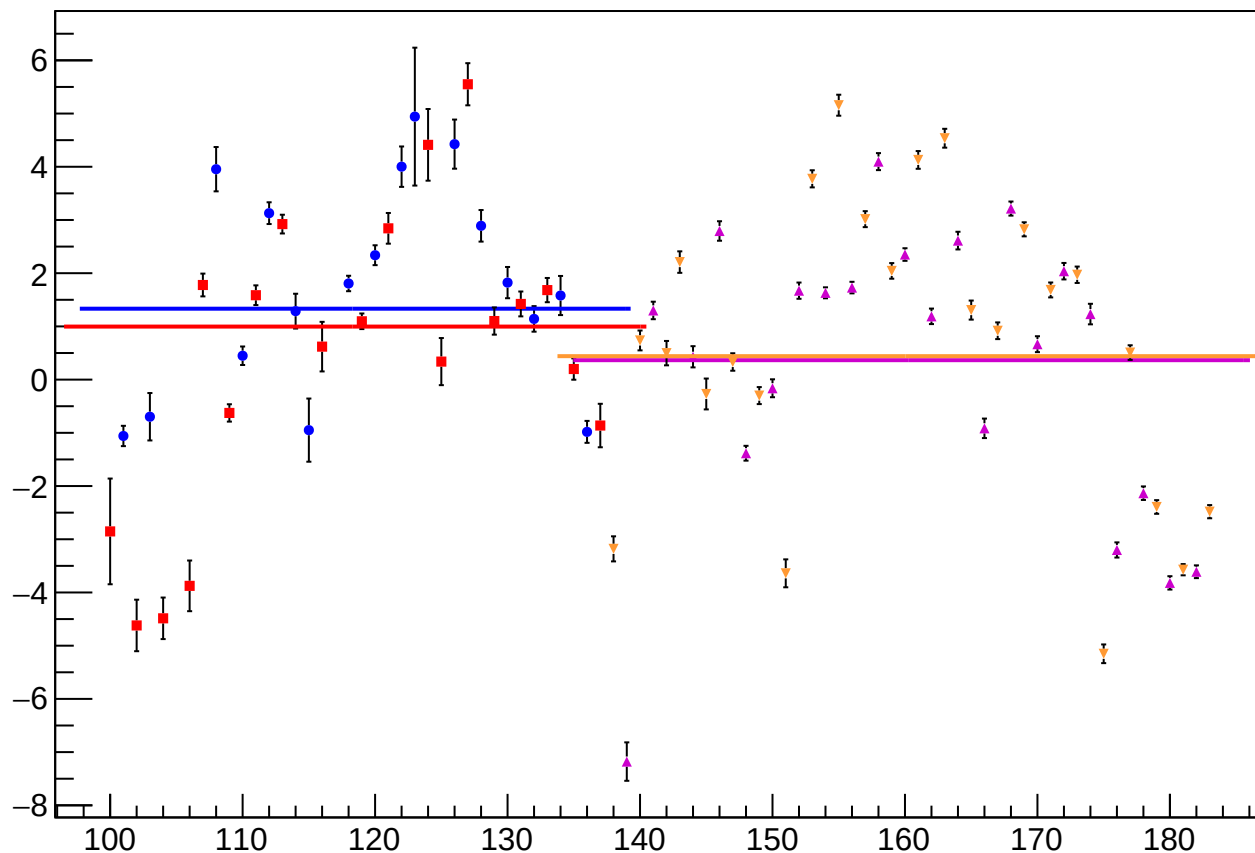
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.109+/-0.039 χ^2/NDF : 44229.4/21

Out: -18.166+/-0.039 χ^2/NDF : 88447.8/23

All: -17.628+/-0.028 χ^2/NDF : 133046.0/45

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: 0.441 ± 0.033 χ^2/NDF : 7058.1/23

Right Out: 0.997 ± 0.058 χ^2/NDF : 945.3/18

Left In: 0.365 ± 0.031 χ^2/NDF : 6110.0/21

Left: 0.401 ± 0.022 χ^2/NDF : 13170.9/45

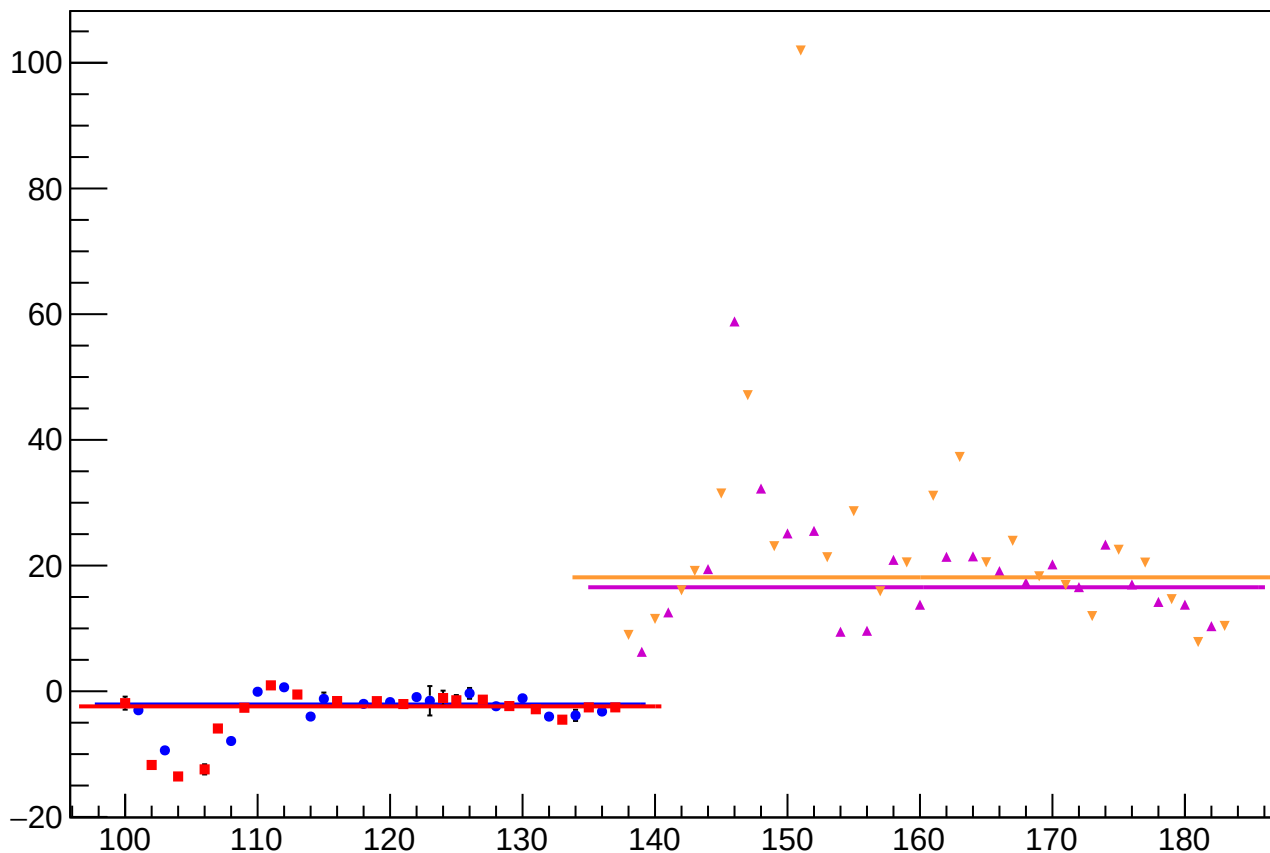
Right: 1.156 ± 0.042 χ^2/NDF : 1595.8/35

In: 0.562 ± 0.028 χ^2/NDF : 6943.8/38

Out: 0.575 ± 0.028 χ^2/NDF : 8073.3/42

All: 0.568 ± 0.020 χ^2/NDF : 15017.2/81

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 $\chi^2/\text{NDF}: 440.3/16$

Left Out: 18.129 ± 0.039 $\chi^2/\text{NDF}: 77806.9/23$

Right Out: -2.405 ± 0.099 $\chi^2/\text{NDF}: 887.1/18$

Left In: 16.548 ± 0.038 $\chi^2/\text{NDF}: 41034.1/21$

Left: 17.312 ± 0.027 $\chi^2/\text{NDF}: 119672.1/45$

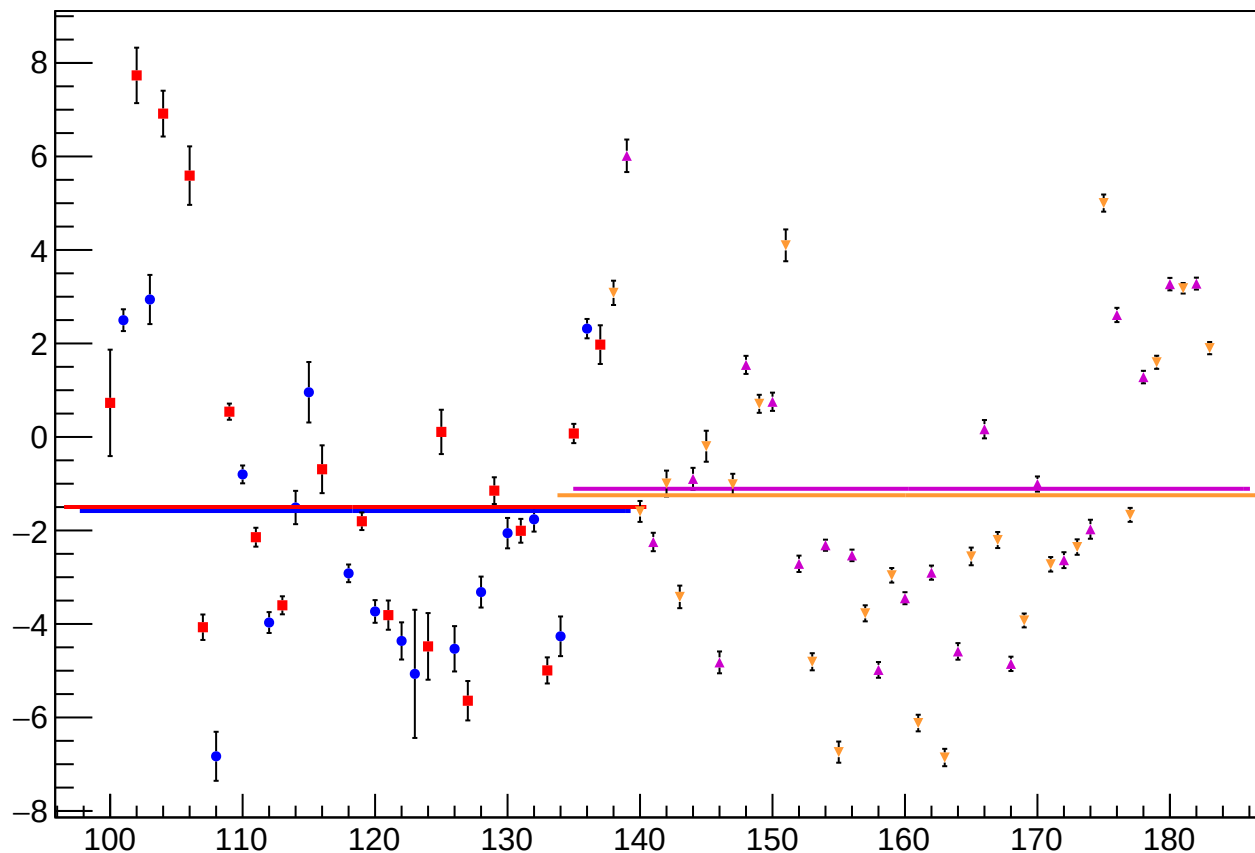
Right: -2.272 ± 0.074 $\chi^2/\text{NDF}: 1331.5/35$

In: 14.577 ± 0.036 $\chi^2/\text{NDF}: 66783.0/38$

Out: 15.306 ± 0.037 $\chi^2/\text{NDF}: 115967.8/42$

All: 14.935 ± 0.026 $\chi^2/\text{NDF}: 182952.1/81$

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 $\chi^2/\text{NDF}: 1272.1/16$

Left Out: -1.247 ± 0.036 $\chi^2/\text{NDF}: 7929.4/23$

Right Out: -1.498 ± 0.066 $\chi^2/\text{NDF}: 1503.7/18$

Left In: -1.109 ± 0.034 $\chi^2/\text{NDF}: 6598.1/21$

Left: -1.174 ± 0.025 $\chi^2/\text{NDF}: 14535.1/45$

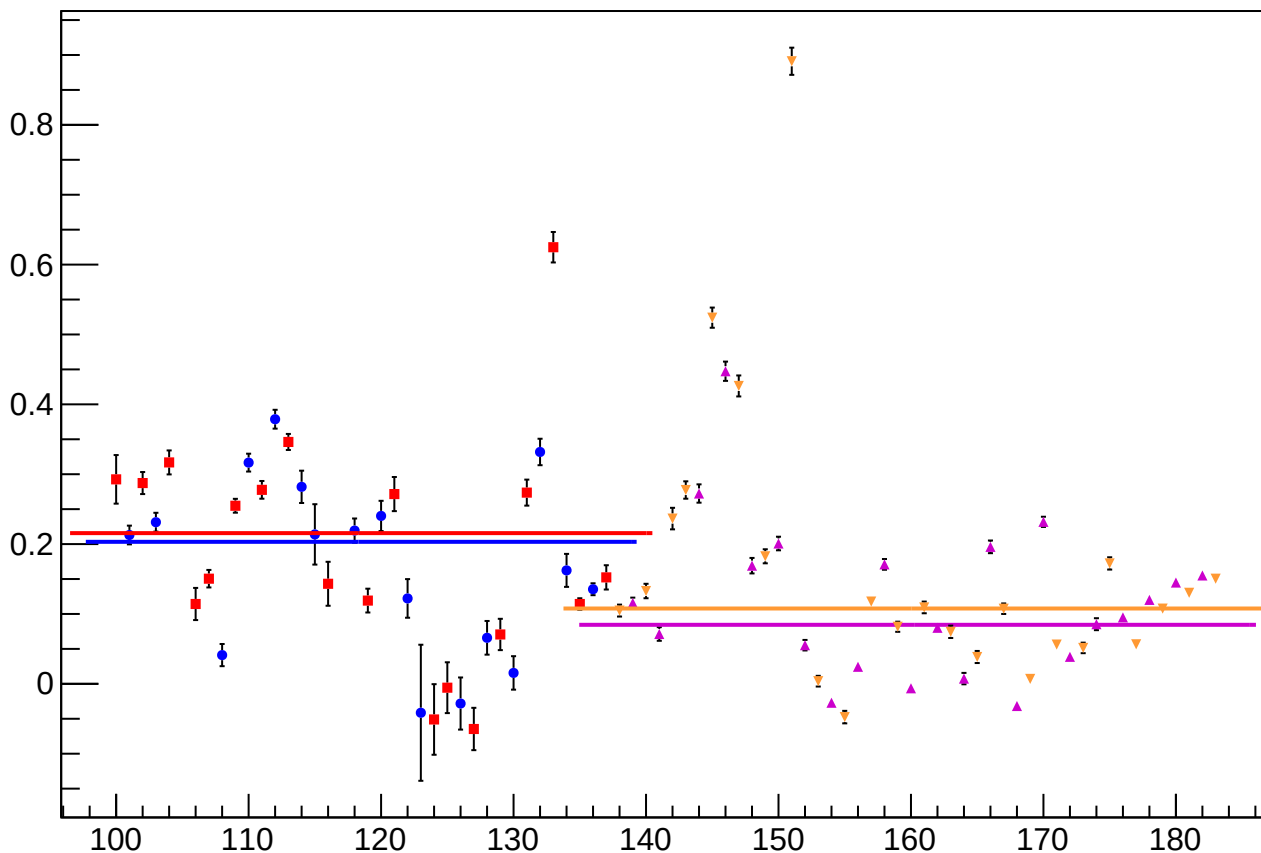
Right: -1.538 ± 0.048 $\chi^2/\text{NDF}: 2776.6/35$

In: -1.200 ± 0.031 $\chi^2/\text{NDF}: 7907.0/38$

Out: -1.306 ± 0.032 $\chi^2/\text{NDF}: 9444.3/42$

All: -1.252 ± 0.022 $\chi^2/\text{NDF}: 17357.0/81$

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 632.8/16

Left Out: 0.108 $\pm$ 0.002 χ^2 /NDF:4330.9/23

Right Out: 0.216 $\pm$ 0.004 χ^2 /NDF: 1037.9/18

Left In: 0.084 $\pm$ 0.002 χ^2 /NDF:3506.6/21

Left: 0.095 $\pm$ 0.001 χ^2 /NDF: 7948.3/45

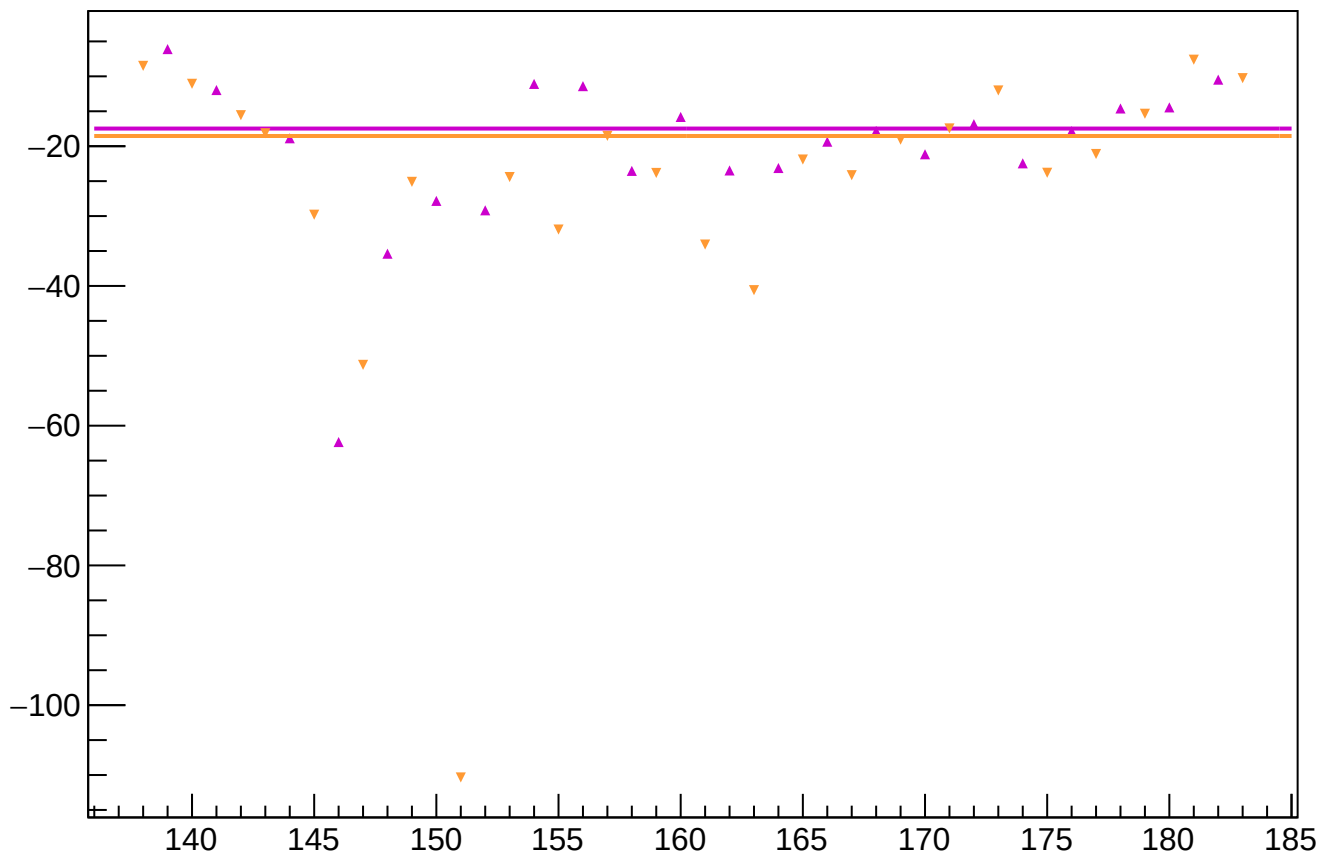
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1675.8/35

In: 0.098 $\pm$ 0.001 χ^2 /NDF:4867.8/38

Out: 0.125 $\pm$ 0.001 χ^2 /NDF:6088.9/42

All: 0.111 $\pm$ 0.001 χ^2 /NDF: 11128.4/81

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -18.539+/-0.040 χ^2/NDF : 87786.8/23

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

Left In: -17.474+/-0.039 χ^2/NDF : 43292.4/21

Left: -17.997+/-0.028 χ^2/NDF : 131436.0/45

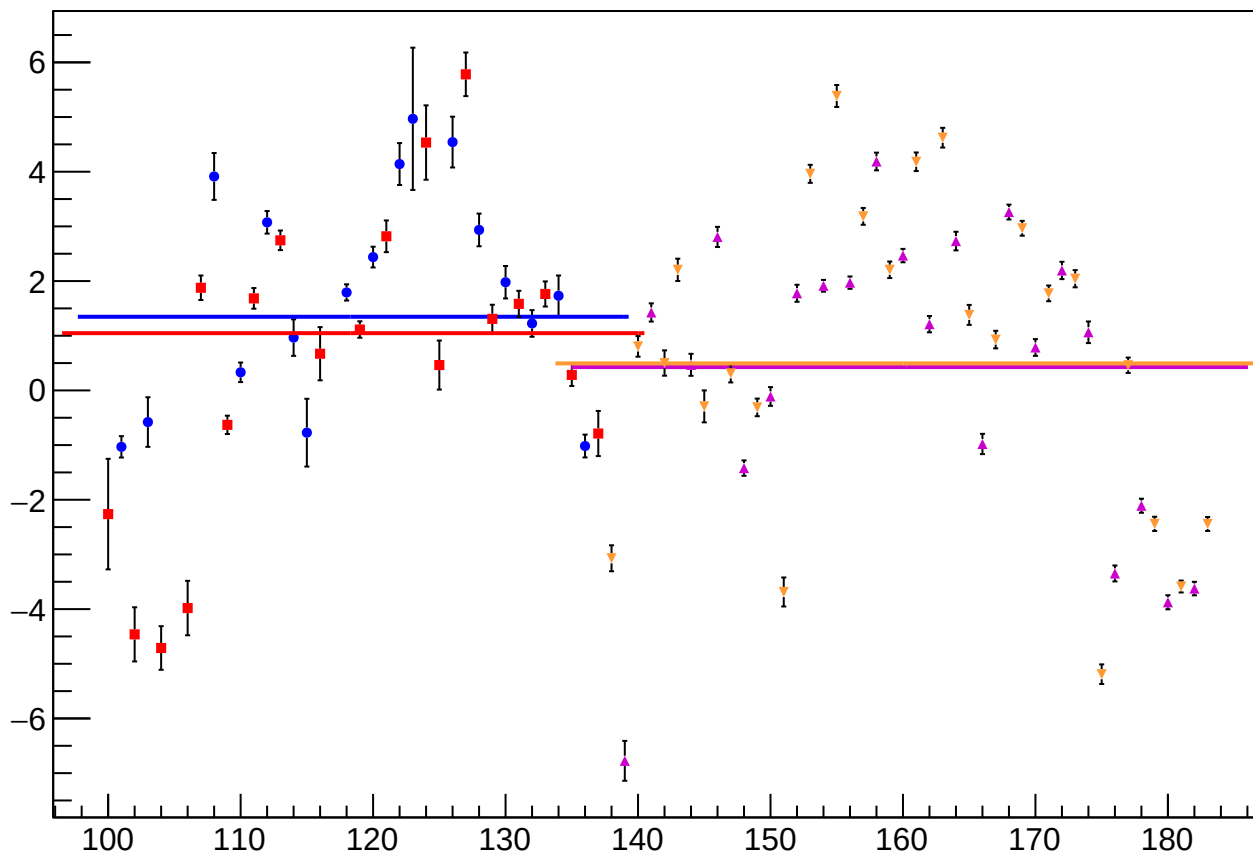
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.474+/-0.039 χ^2/NDF : 43292.4/21

Out: -18.539+/-0.040 χ^2/NDF : 87786.8/23

All: -17.997+/-0.028 χ^2/NDF : 131436.0/45

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 ± 0.062 χ^2/NDF : 630.1/16

Left Out: 0.494 ± 0.033 χ^2/NDF : 7022.3/23

Right Out: 1.047 ± 0.059 χ^2/NDF : 916.0/18

Left In: 0.427 ± 0.032 χ^2/NDF : 6140.4/21

Left: 0.458 ± 0.023 χ^2/NDF : 13164.8/45

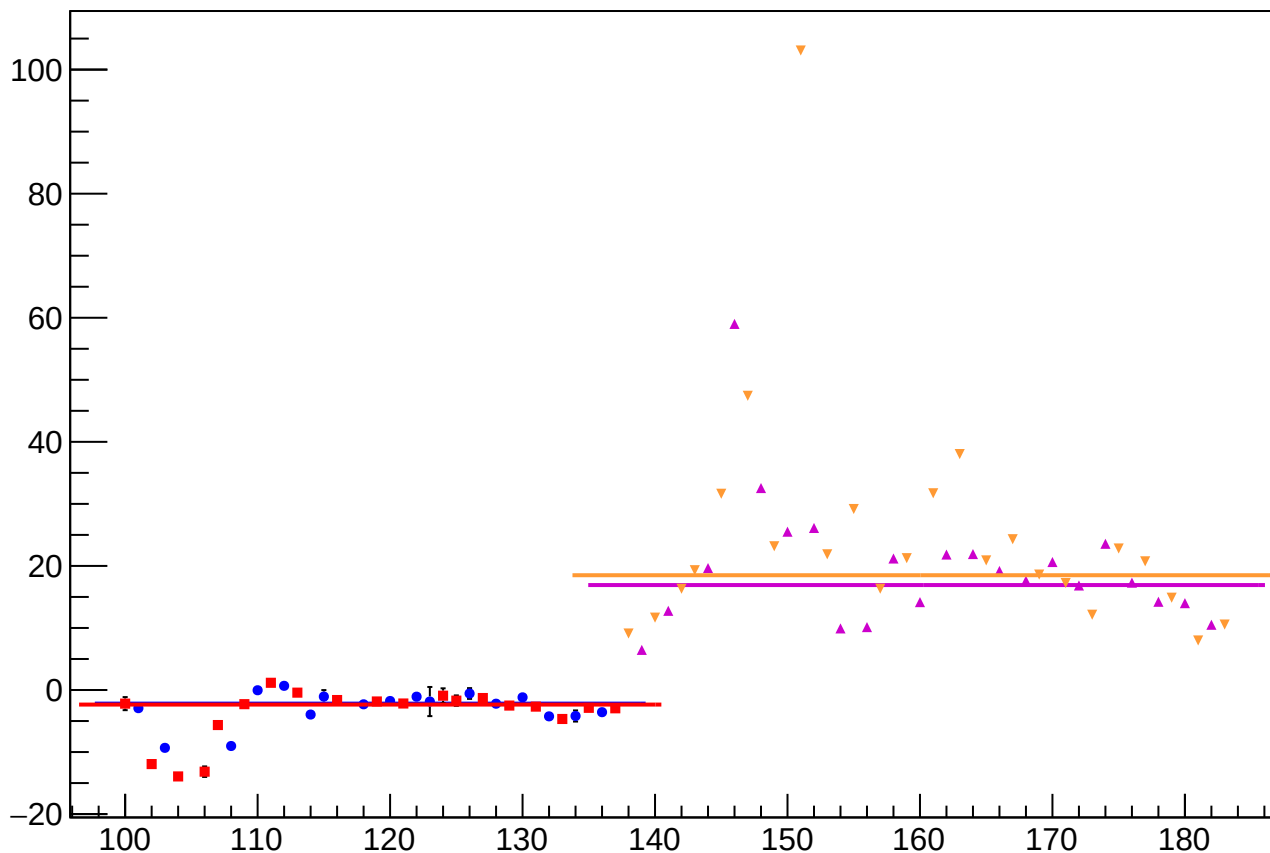
Right: 1.190 ± 0.043 χ^2/NDF : 1558.3/35

In: 0.616 ± 0.028 χ^2/NDF : 6944.0/38

Out: 0.627 ± 0.029 χ^2/NDF : 8004.8/42

All: 0.621 ± 0.020 χ^2/NDF : 14948.9/81

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194+/-0.113 χ^2/NDF : 463.5/16

Left Out: 18.500+/-0.040 χ^2/NDF : 77185.5/23

Right Out: -2.348+/-0.101 χ^2/NDF : 908.5/18

Left In: 16.916+/-0.039 χ^2/NDF : 39961.3/21

Left: 17.682+/-0.028 χ^2/NDF : 117943.5/45

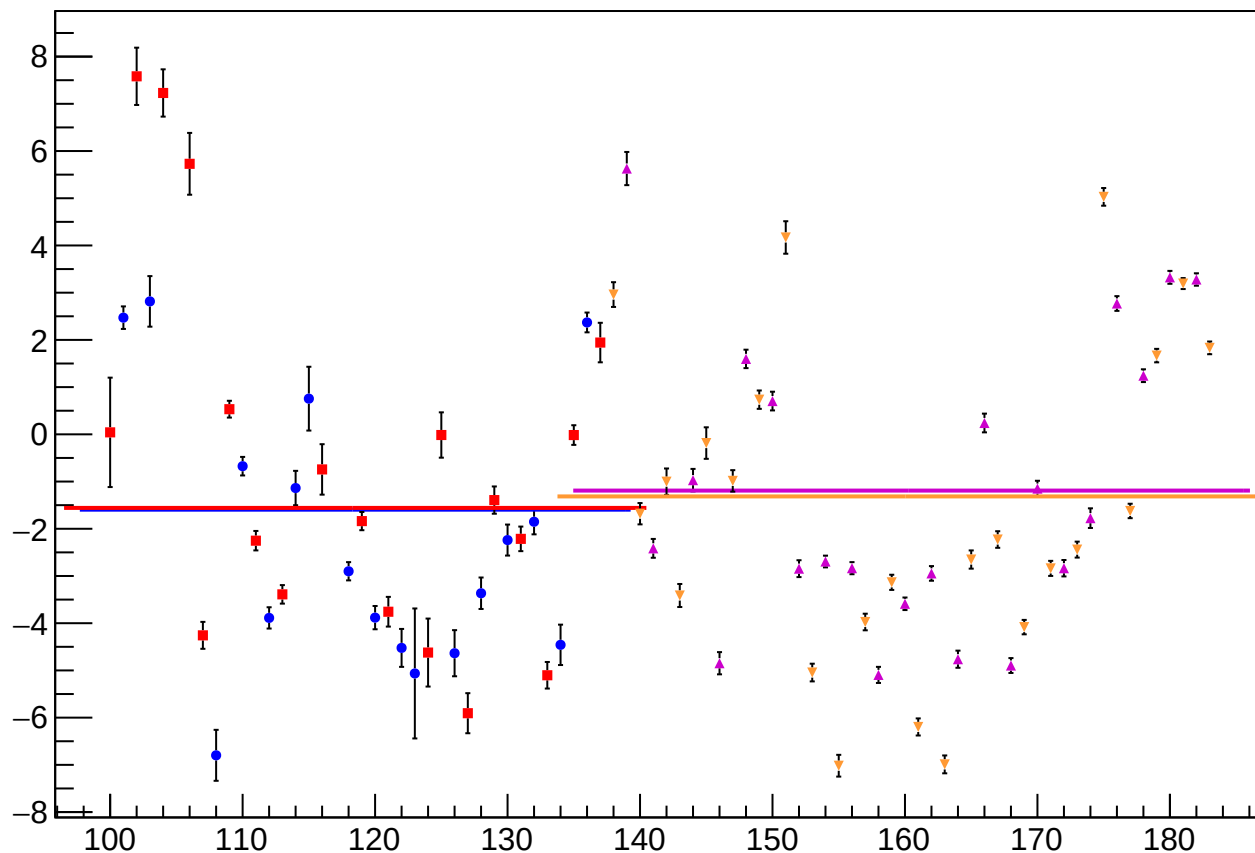
Right: -2.280+/-0.075 χ^2/NDF : 1373.0/35

In: 14.875+/-0.037 χ^2/NDF : 66037.3/38

Out: 15.626+/-0.037 χ^2/NDF : 114922.4/42

All: 15.245+/-0.026 χ^2/NDF : 181164.0/81

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -1.315 ± 0.037 χ^2/NDF : 7886.8/23

Right Out: -1.558 ± 0.067 χ^2/NDF : 1463.8/18

Left In: -1.191 ± 0.035 χ^2/NDF : 6628.0/21

Left: -1.250 ± 0.026 χ^2/NDF : 14520.6/45

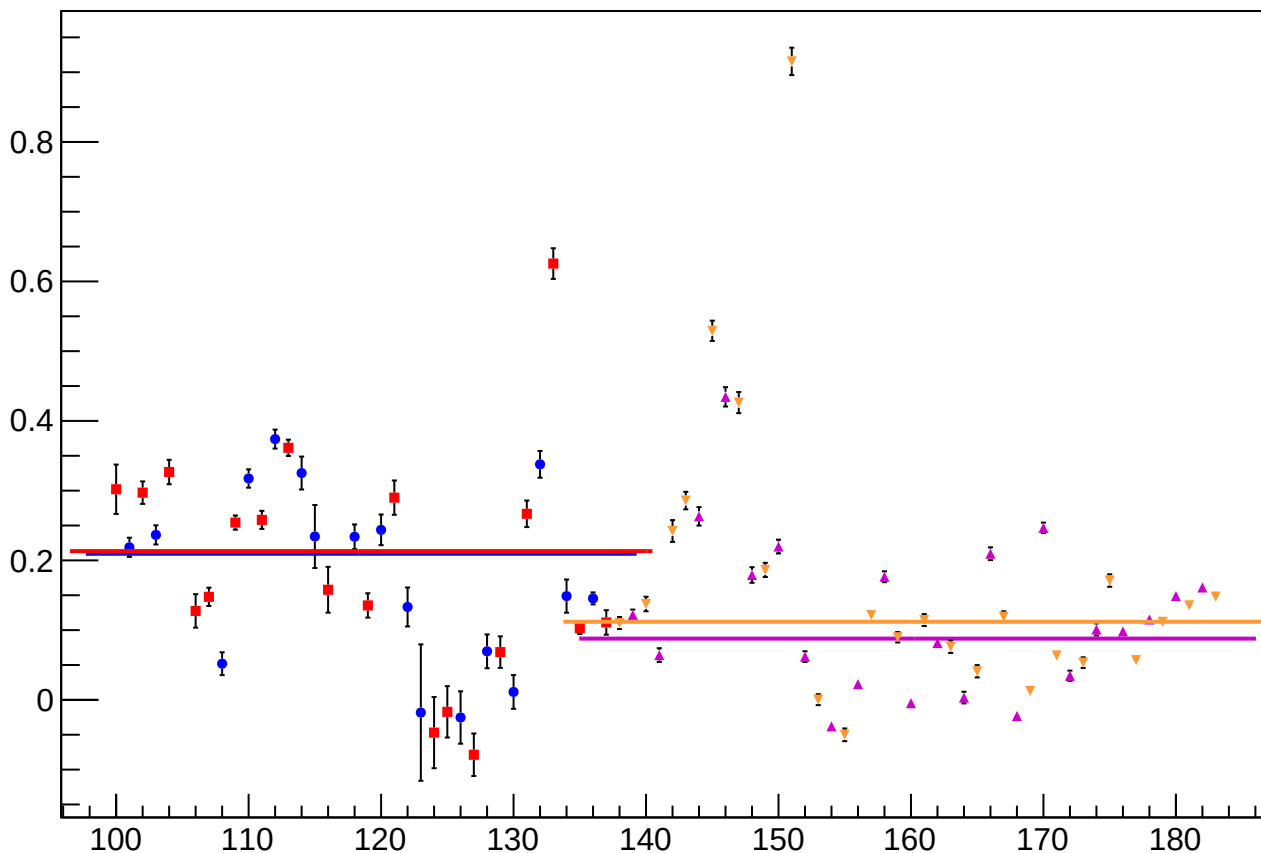
Right: -1.575 ± 0.049 χ^2/NDF : 2719.3/35

In: -1.270 ± 0.032 χ^2/NDF : 7909.0/38

Out: -1.372 ± 0.032 χ^2/NDF : 9360.7/42

All: -1.320 ± 0.023 χ^2/NDF : 17274.8/81

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 $\pm$ 0.004 χ^2/NDF : 597.7/16

Left Out: 0.112 $\pm$ 0.002 χ^2/NDF : 4338.8/23

Right Out: 0.213 $\pm$ 0.004 χ^2/NDF : 1103.2/18

Left In: 0.088 $\pm$ 0.002 χ^2/NDF : 3584.0/21

Left: 0.099 $\pm$ 0.001 χ^2/NDF : 8035.8/45

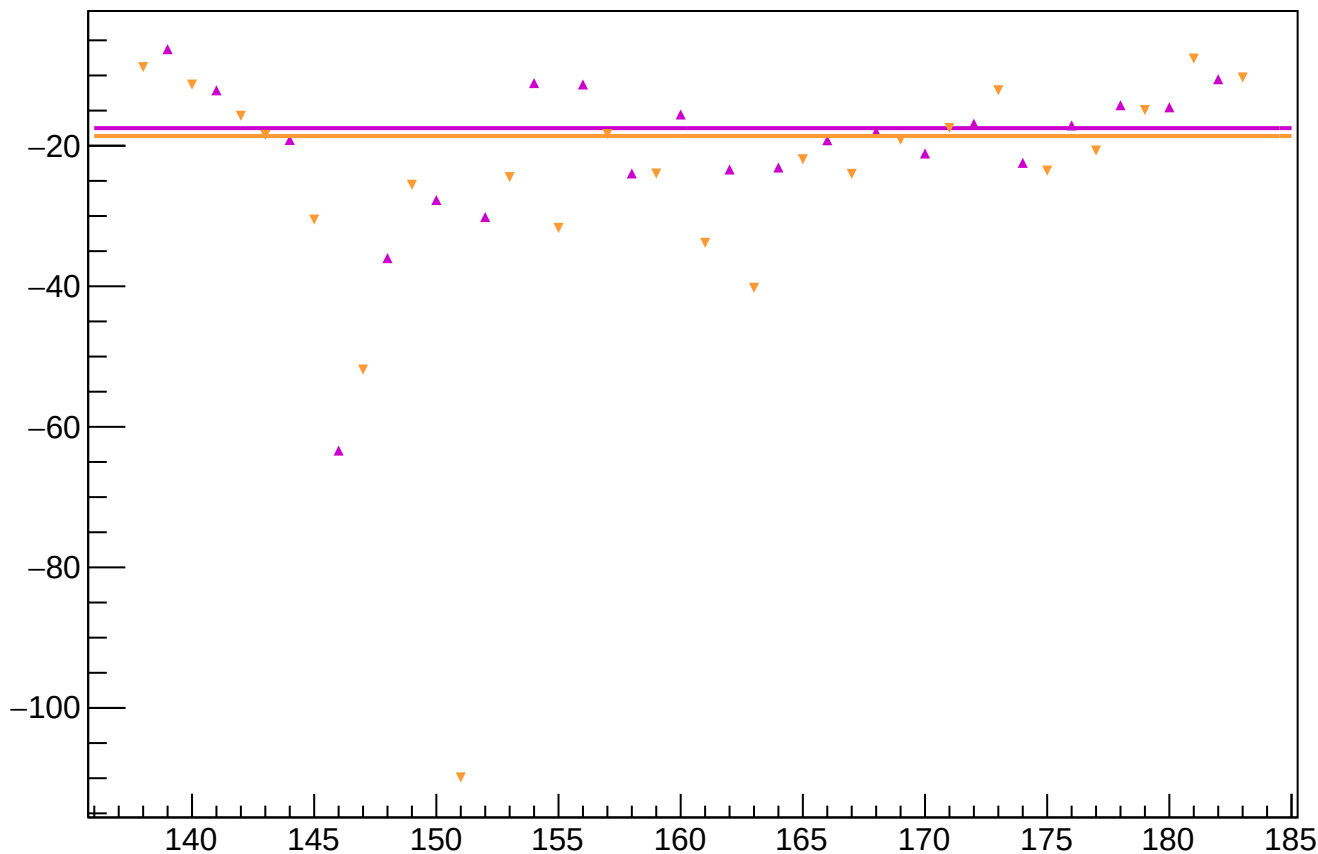
Right: 0.212 $\pm$ 0.003 χ^2/NDF : 1701.4/35

In: 0.102 $\pm$ 0.001 χ^2/NDF : 4918.5/38

Out: 0.129 $\pm$ 0.002 χ^2/NDF : 6050.9/42

All: 0.115 $\pm$ 0.001 χ^2/NDF : 11124.4/81

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: -18.620+/-0.041 χ^2/NDF :86309.6/23

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

Left In: -17.497+/-0.040 χ^2/NDF :43584.3/21

Left: -18.047+/-0.028 χ^2/NDF : 130284.2/45

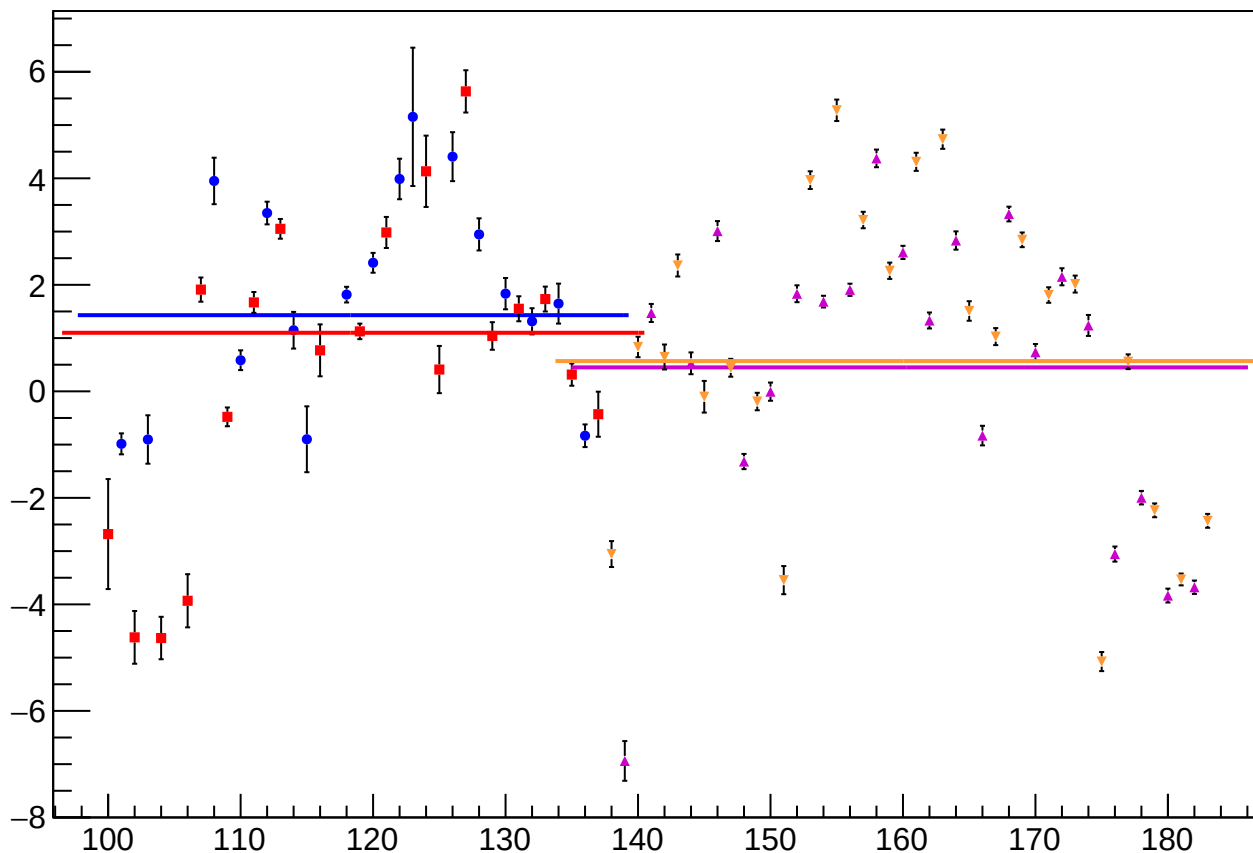
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.497+/-0.040 χ^2/NDF :43584.3/21

Out: -18.620+/-0.041 χ^2/NDF :86309.6/23

All: -18.047+/-0.028 χ^2/NDF : 130284.2/45

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 $\pm$ 0.063 χ^2/NDF : 598.0/16

Left Out: 0.568 $\pm$ 0.034 χ^2/NDF : 6774.8/23

Right Out: 1.100 $\pm$ 0.060 χ^2/NDF : 901.0/18

Left In: 0.450 $\pm$ 0.032 χ^2/NDF : 5980.0/21

Left: 0.506 $\pm$ 0.023 χ^2/NDF : 12761.3/45

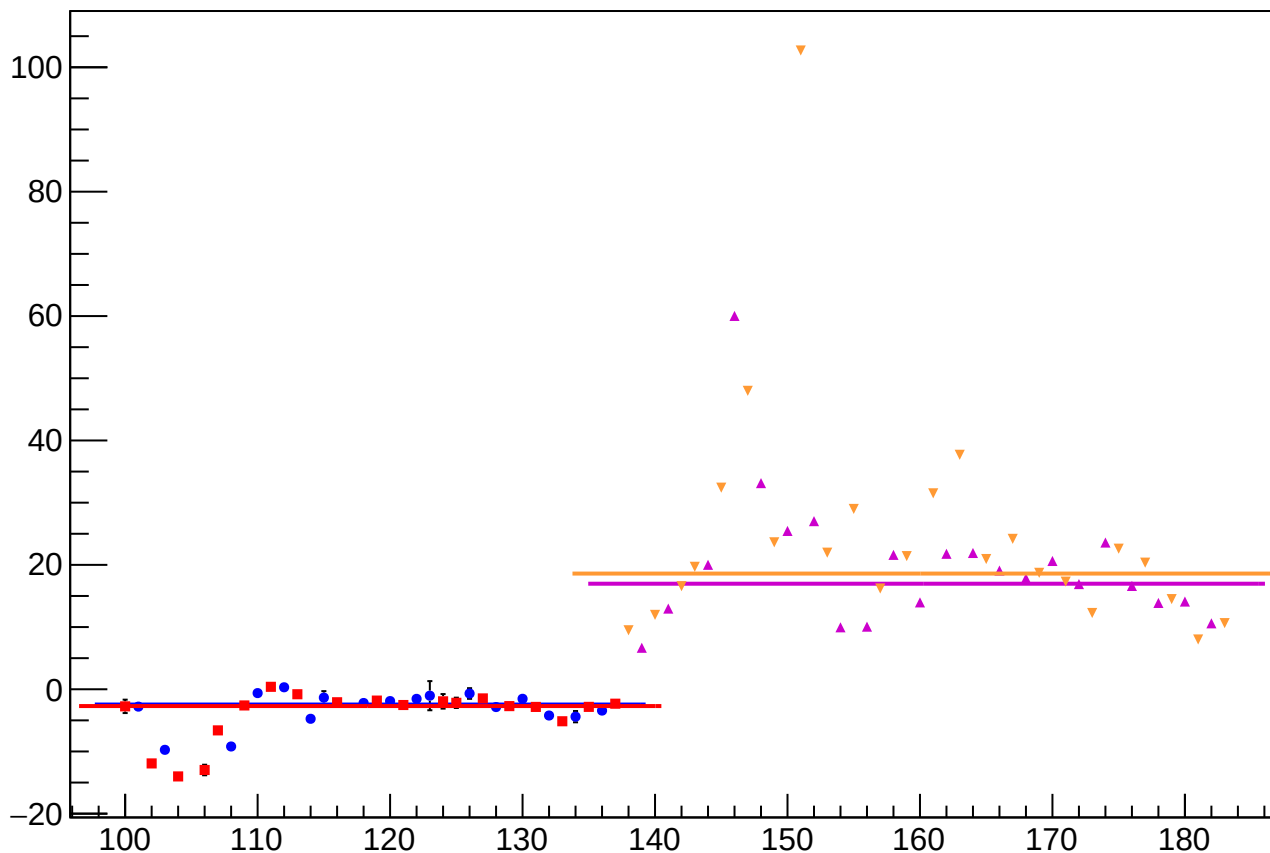
Right: 1.257 $\pm$ 0.043 χ^2/NDF : 1513.6/35

In: 0.652 $\pm$ 0.028 χ^2/NDF : 6771.6/38

Out: 0.696 $\pm$ 0.029 χ^2/NDF : 7735.6/42

All: 0.673 $\pm$ 0.020 χ^2/NDF : 14508.4/81

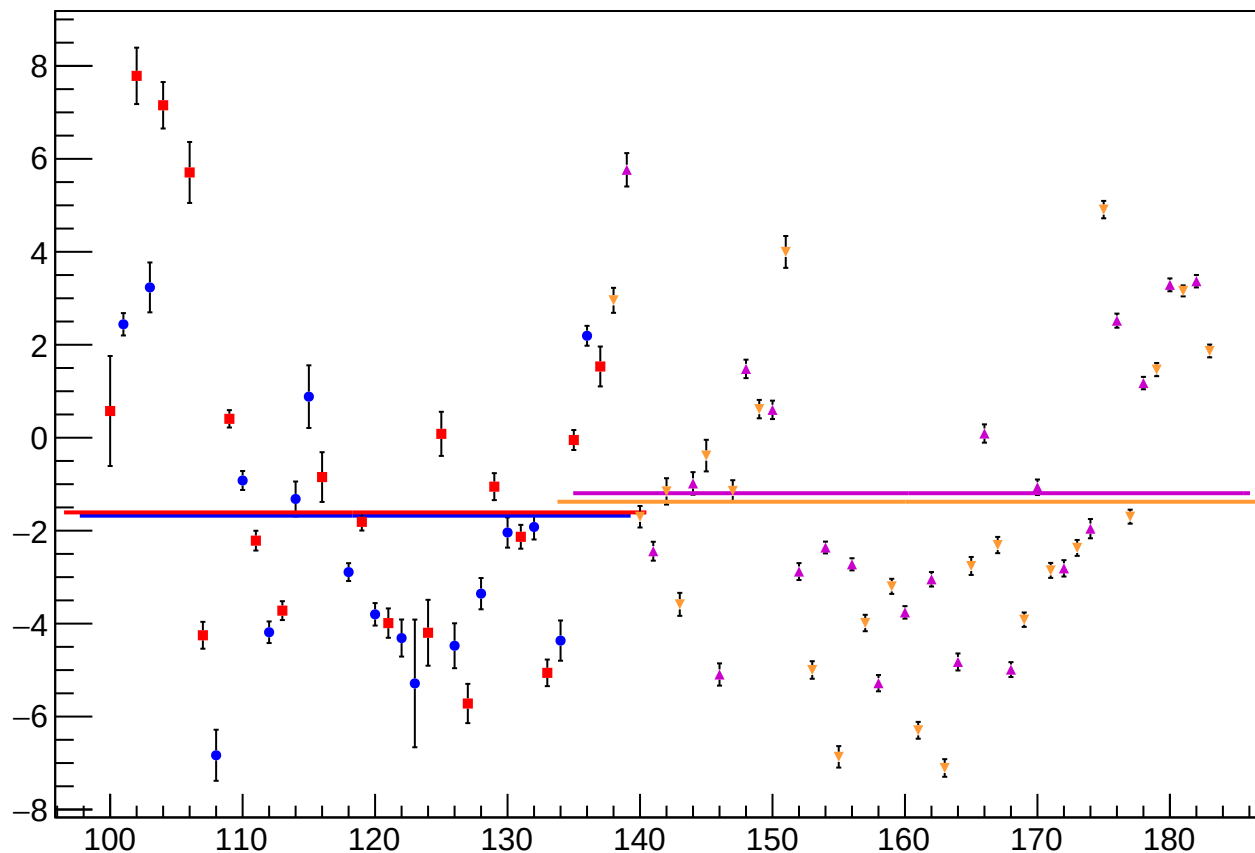
reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 χ^2/NDF : 419.1/16
 Left Out: 18.601 ± 0.041 χ^2/NDF : 75998.1/23
 Right Out: -2.700 ± 0.103 χ^2/NDF : 829.7/18
 Left In: 16.970 ± 0.039 χ^2/NDF : 40304.3/21

Left: 17.758 ± 0.028 χ^2/NDF : 117132.4/45
 Right: -2.591 ± 0.077 χ^2/NDF : 1251.4/35
 In: 14.918 ± 0.037 χ^2/NDF : 66439.8/38
 Out: 15.727 ± 0.038 χ^2/NDF : 113765.7/42
 All: 15.316 ± 0.027 χ^2/NDF : 180437.9/81

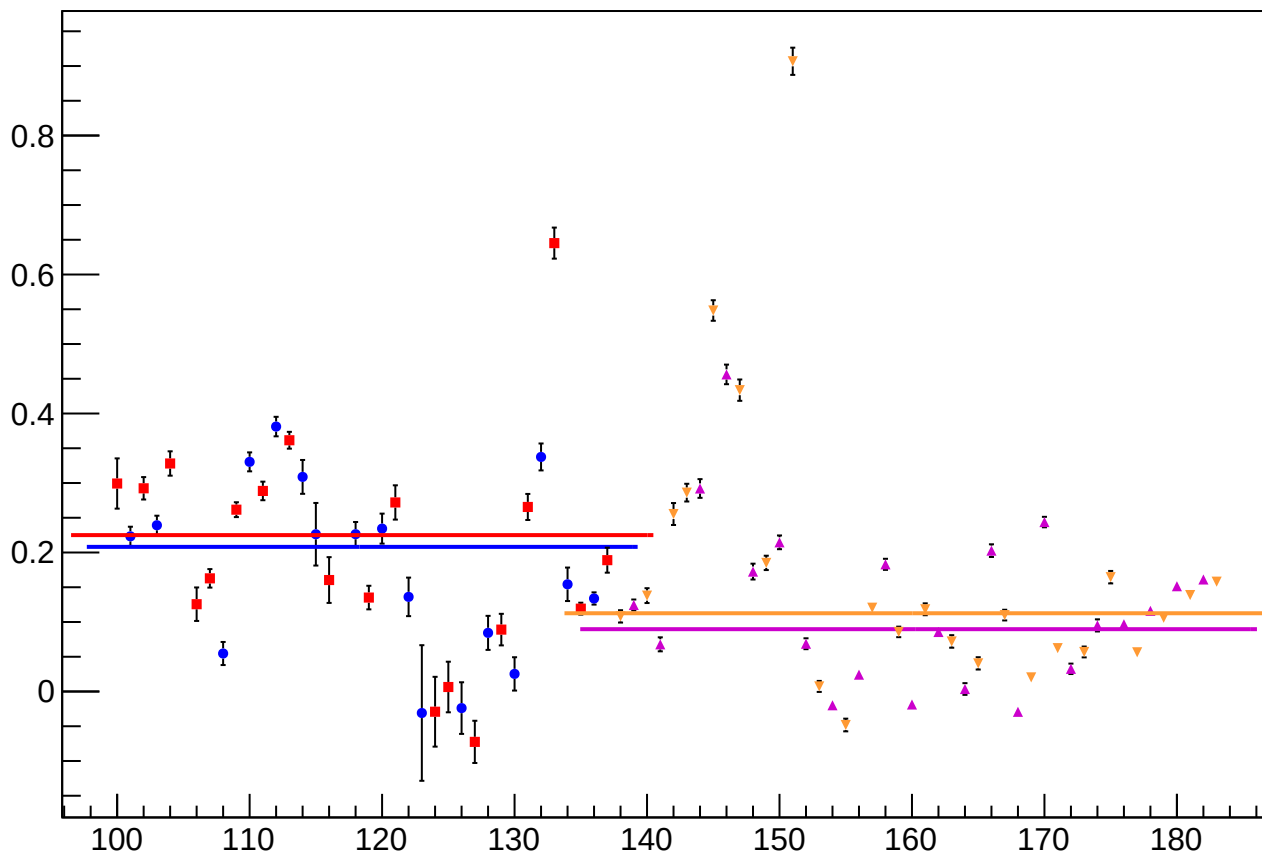
reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 $\chi^2/\text{NDF}: 1204.7/16$
 Left Out: -1.377 ± 0.037 $\chi^2/\text{NDF}: 7639.7/23$
 Right Out: -1.607 ± 0.068 $\chi^2/\text{NDF}: 1430.8/18$
 Left In: -1.194 ± 0.036 $\chi^2/\text{NDF}: 6515.6/21$

Left: -1.281 ± 0.026 $\chi^2/\text{NDF}: 14168.0/45$
 Right: -1.640 ± 0.050 $\chi^2/\text{NDF}: 2636.0/35$
 In: -1.288 ± 0.032 $\chi^2/\text{NDF}: 7756.1/38$
 Out: -1.431 ± 0.033 $\chi^2/\text{NDF}: 9079.3/42$
 All: -1.358 ± 0.023 $\chi^2/\text{NDF}: 16845.2/81$

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 $\pm$ 0.004 χ^2 /NDF: 600.2/16

Left Out: 0.113 $\pm$ 0.002 χ^2 /NDF:4328.2/23

Right Out: 0.225 $\pm$ 0.004 χ^2 /NDF: 1000.0/18

Left In: 0.090 $\pm$ 0.002 χ^2 /NDF:3534.9/21

Left: 0.100 $\pm$ 0.001 χ^2 /NDF: 7963.0/45

Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1609.0/35

In: 0.104 $\pm$ 0.001 χ^2 /NDF:4815.4/38

Out: 0.131 $\pm$ 0.002 χ^2 /NDF:6051.4/42

All: 0.117 $\pm$ 0.001 χ^2 /NDF: 11027.1/81